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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11001216	A1BG	0.000123474	2.13E-06	0.118336	-8.4505	0.589731	1.10494	1.10494	0.00199925	2.22496	2.22496	0.170799	0.765396	-1.30651	0.0569393	0.673729	-1.48428	0.664882	1.08317	1.08317	0.0984612	0.717349	-1.39402	0.351338	1.19224	1.19224	0.554771	0.896267	-1.11574	20.9241	11.1364	0.473091	1
cg14222245	A1BG	0.00244103	0.0642272	2.02472	2.02472	0.000287166	7.44892	7.44892	0.00183199	4.48962	4.48962	0.0547717	2.09387	2.09387	0.228756	0.651487	-1.53495	0.903435	0.959662	-1.04203	0.581839	0.82805	-1.20766	0.556847	1.22334	1.22334	0.00151039	4.71404	4.71404	9.09569	16.5781	1.62012	1
cg03123289	A1BG	0.0123731	0.00957449	0.522369	-1.91436	0.208969	0.769388	-1.29973	0.126018	1.38776	1.38776	0.0870084	0.68791	-1.45368	0.0646478	0.663107	-1.50805	0.0124795	0.540482	-1.8502	0.0156266	0.556146	-1.79809	0.0229361	0.583558	-1.71363	0.00477992	0.476453	-2.09884	5.51834	3.42449	0.551614	1
cg22286978	A1BG	0.0267671	?	?	?	0.208362	2.24738	2.24738	0.0858562	3.21426	3.21426	0.152054	2.55778	2.55778	0.44001	0.619822	-1.61337	0.00882439	0.122527	-8.16149	0.0479447	4.04889	4.04889	0.0792073	3.31853	3.31853	0.147473	0.386151	-2.58966	4.77354	24.1251	4.42217	1
cg03630821	A1BG	0.0380867	0.25976	2.4719	2.4719	0.00982763	12.3331	12.3331	0.0170574	9.38197	9.38197	0.0321747	6.90019	6.90019	0.209449	0.361191	-2.76862	0.722663	0.760087	-1.31564	0.935154	0.939279	-1.06465	0.837312	1.17149	1.17149	0.0319068	6.92794	6.92794	3.75001	35.1959	8.34271	1
cg10222734	A1CF;A1CF;A1CF	0.000950665	0.988784	1.00268	1.00268	0.000386267	0.340508	-2.93679	0.00421668	0.482383	-2.07304	0.112129	0.71955	-1.38976	0.0114702	0.547832	-1.82538	0.428978	1.16605	1.16605	0.000157945	0.292434	-3.41958	0.00952113	0.535332	-1.868	0.00144935	0.416639	-2.40016	11.9364	6.84339	0.509619	1
cg27394794	A1CF;A1CF;A1CF	0.00193242	0.0220242	0.290438	-3.44307	0.70905	1.1838	1.1838	0.0134822	0.252372	-3.9624	0.0539883	0.373562	-2.67693	0.000740931	0.0996333	-10.0368	0.0010618	0.113203	-8.83365	0.00816304	0.21784	-4.59053	0.000357245	0.0758454	-13.1847	0.0640226	0.391811	-2.55225	9.73887	31.2555	2.85276	1
cg03817621	A1CF;A1CF;A1CF;A1CF;A1CF;A1CF	5.10E-06	0.00470069	0.583066	-1.71507	0.000854296	0.487054	-2.05316	0.000228606	0.415137	-2.40884	6.07E-06	0.23328	-4.28669	0.627249	0.932144	-1.0728	0.00445406	0.579974	-1.72421	9.40E-08	0.0819206	-12.2069	0.0531491	0.72943	-1.37093	0.000574903	0.465229	-2.14948	48.2768	15.765	0.290271	1
cg24411946	A1CF;A1CF;A1CF;A1CF;A1CF;A1CF	0.00794073	0.798133	0.904904	-1.10509	0.0772345	0.464902	-2.15099	0.0666097	0.448469	-2.22981	0.0355558	0.385194	-2.59609	0.936817	0.969562	-1.03139	0.0183896	0.327828	-3.05038	0.00058433	0.125864	-7.94509	0.147596	0.545654	-1.83266	0.00175963	0.175939	-5.68378	6.35901	15.3094	2.14001	1
cg00691081	A2BP1;A2BP1	1.21E-07	0.0286219	0.749044	-1.33503	0.000191764	0.495086	-2.01985	7.20E-06	0.32994	-3.03085	0.00660598	0.673943	-1.48381	0.145305	1.19125	1.19125	0.783104	0.969593	-1.03136	1.08E-07	0.147294	-6.78914	1.82E-08	0.0905173	-11.0476	3.50E-08	0.109543	-9.12882	125.335	24.8579	0.176295	1
cg04671611	A2BP1;A2BP1	7.64E-07	0.791256	1.0359	1.0359	0.000593088	0.493981	-2.02437	0.0319093	0.715807	-1.39702	0.00126409	1.86959	1.86959	0.00403807	1.67114	1.67114	0.0186706	0.684475	-1.46097	8.16E-06	0.273699	-3.65365	9.47E-08	10.1228	10.1228	2.04E-06	4.74198	4.74198	78.5337	21.9941	0.248941	1
cg08582701	A2BP1;A2BP1	5.58E-06	1.05E-05	6.11844	6.11844	2.40E-06	9.06045	9.06045	0.00223939	2.27711	2.27711	0.900404	1.02437	1.02437	0.954806	0.989162	-1.01096	0.0845658	0.692939	-1.44313	0.00239236	0.443213	-2.25625	5.38E-06	7.24749	7.24749	2.19E-05	5.15254	5.15254	47.1726	27.6205	0.520462	1
cg02217063	A2BP1;A2BP1	1.60E-05	0.086278	0.653629	-1.52992	0.00948913	0.47837	-2.09043	0.000390202	0.281258	-3.55545	0.0934784	0.661055	-1.51273	0.219772	0.748628	-1.33578	0.000476543	0.292122	-3.42322	2.86E-05	0.15812	-6.32432	2.56E-06	0.078103	-12.8036	1.96E-06	0.0713004	-14.0252	35.9219	28.6396	0.708689	1
cg16396980	A2BP1;A2BP1	1.72E-05	0.0422968	0.684671	-1.46056	0.0429205	0.68568	-1.45841	0.000111406	0.332681	-3.00589	0.112982	0.756244	-1.32232	0.284128	0.835092	-1.19747	0.0384979	1.47445	1.47445	0.000862486	0.444779	-2.24831	3.44E-05	0.273097	-3.6617	5.14E-07	0.103465	-9.66509	35.2575	14.6474	0.36928	1
cg27376707	A2BP1;A2BP1	3.81E-05	0.378301	1.38932	1.38932	0.550568	1.24568	1.24568	0.0454789	2.30351	2.30351	0.0040934	4.06035	4.06035	0.626544	0.836625	-1.19528	0.299701	1.4784	1.4784	0.000424101	0.131229	-7.62026	2.59E-06	61.9655	61.9655	4.01E-05	17.3591	17.3591	28.5948	59.9255	1.86283	1
cg02008627	A2BP1;A2BP1	4.15E-05	0.757877	0.934058	-1.0706	0.633439	0.89943	-1.11181	0.0014438	0.362094	-2.76172	0.272334	0.777192	-1.28668	3.20E-05	0.167668	-5.96416	0.00253578	0.396777	-2.52031	0.00134153	0.357681	-2.79579	8.92E-06	0.119543	-8.36518	8.34E-06	0.117244	-8.52921	27.9707	21.5609	0.685192	1
cg08015447	A2BP1;A2BP1	8.73E-05	0.339973	0.776086	-1.28852	0.00891669	2.35761	2.35761	0.0541806	1.75639	1.75639	0.846427	0.951248	-1.05125	0.0265677	0.507838	-1.96913	0.0886091	0.616194	-1.62287	0.116651	0.644412	-1.5518	1.43E-06	23.5997	23.5997	0.220518	1.39377	1.39377	22.9577	24.1579	0.935359	1
cg05497273	A2BP1;A2BP1	8.93E-05	0.804547	1.06354	1.06354	0.0109266	0.452184	-2.21149	0.00238798	0.349318	-2.86272	0.148511	0.680431	-1.46966	0.226862	1.37058	1.37058	0.958155	1.01312	1.01312	0.0072845	0.423205	-2.36292	7.80E-06	0.0875447	-11.4227	1.37E-05	0.104643	-9.55628	22.8173	22.3072	0.869017	1
cg08996613	A2BP1;A2BP1	8.97E-05	0.117293	1.36149	1.36149	0.0110541	0.560991	-1.78256	0.603173	0.909257	-1.0998	0.104013	1.38044	1.38044	0.0224937	1.64176	1.64176	0.623769	1.09382	1.09382	0.0185158	1.67876	1.67876	0.00149249	0.435757	-2.29486	2.84E-06	0.130966	-7.63559	22.7946	11.8773	0.463164	1
cg00884800	A2BP1;A2BP1	0.000152844	0.0166032	0.559151	-1.78843	0.00044958	3.00305	3.00305	0.0237905	1.70941	1.70941	0.479238	1.15365	1.15365	0.0354613	0.61473	-1.62673	0.00408388	0.464952	-2.15076	3.68E-05	0.206472	-4.84326	0.00625036	2.03017	2.03017	0.0109098	0.529938	-1.88701	19.7566	12.3562	0.55593	1
cg00853103	A2BP1;A2BP1	0.000174541	0.329091	1.30734	1.30734	0.0365504	1.9088	1.9088	0.0376474	1.89948	1.89948	0.142408	0.65734	-1.52128	0.00105788	0.275704	-3.62708	0.880809	0.960865	-1.04073	0.000212191	0.192638	-5.19109	9.57E-05	6.34511	6.34511	0.00148797	3.38417	3.38417	19.0611	21.3712	0.996618	1
cg08249698	A2BP1;A2BP1	0.000180302	0.940293	1.01842	1.01842	0.469886	1.19624	1.19624	0.0210699	0.508547	-1.96639	0.0351301	0.549806	-1.81882	0.000139766	0.201273	-4.96837	0.34938	1.26464	1.26464	0.00588262	0.415429	-2.40715	2.39E-05	0.128258	-7.7968	9.71E-05	0.184724	-5.41347	18.8944	17.7754	0.836246	1
cg08255211	A2BP1;A2BP1	0.000339854	0.0157502	0.335461	-2.98097	0.0026023	0.214431	-4.66351	0.00110757	0.169593	-5.89648	0.204123	0.60976	-1.63999	0.000210206	0.10147	-9.85518	0.0291321	0.387104	-2.58329	2.28E-05	0.0436733	-22.8973	0.00267876	0.21608	-4.62792	0.00135542	0.179548	-5.56953	15.8972	34.305	1.91816	1
cg06447474	A2BP1;A2BP1	0.000576016	0.0276489	0.343201	-2.91374	0.00872996	0.25352	-3.94447	0.00716748	0.24028	-4.1618	0.0392805	0.375482	-2.66325	0.00526909	0.220687	-4.53131	0.0278581	0.343867	-2.90811	1.63E-05	0.0260738	-38.3527	0.0014983	0.152625	-6.55201	0.00139099	0.149152	-6.70458	13.7392	36.7075	2.37487	1
cg08390979	A2BP1;A2BP1	0.000611317	0.371818	0.707487	-1.41345	0.354742	1.4323	1.4323	0.00462363	0.241222	-4.14556	0.322663	0.68009	-1.47039	0.152003	0.560382	-1.7845	0.559408	0.800308	-1.24952	5.87E-05	0.0603333	-16.5746	0.000601892	0.135753	-7.36633	0.000255363	0.102994	-9.70927	13.5133	30.4797	2.00492	1
cg27256528	A2BP1;A2BP1	0.000642181	0.468793	0.892504	-1.12044	0.0558138	1.39698	1.39698	0.4273	1.13321	1.13321	0.160103	1.26057	1.26057	0.00571341	1.74919	1.74919	0.296101	1.18194	1.18194	0.525262	0.905451	-1.10442	9.49E-06	4.36378	4.36378	0.00873691	1.67437	1.67437	13.3287	5.02531	0.335138	1
cg06941009	A2BP1;A2BP1	0.000645119	0.0395751	1.78276	1.78276	0.0092357	0.44817	-2.23129	0.0111544	0.461781	-2.16553	0.764637	0.929664	-1.07566	0.863141	1.0428	1.0428	0.441171	0.826315	-1.21019	0.078645	1.60708	1.60708	0.00104107	0.307512	-3.2519	4.37E-05	0.15209	-6.57504	13.3117	12.4386	0.830589	1
cg05107500	A2BP1;A2BP1	0.00069645	0.260486	0.690777	-1.44764	0.000147361	7.82603	7.82603	0.310919	1.39161	1.39161	0.00682796	3.01778	3.01778	0.181982	0.639843	-1.56288	0.4108	0.767127	-1.30357	0.0215991	0.419128	-2.38591	0.000205039	7.10572	7.10572	0.44168	1.28054	1.28054	13.0295	20.502	1.39867	1
cg14642432	A2BP1;A2BP1	0.000710268	0.784047	1.07026	1.07026	0.852748	0.95511	-1.047	0.003356	2.6817	2.6817	0.0402216	1.79656	1.79656	0.0371678	0.549905	-1.81849	0.143526	0.678058	-1.4748	0.84438	1.04978	1.04978	2.90E-05	7.59644	7.59644	0.00600519	2.42899	2.42899	12.9579	12.5391	0.860154	1
cg06035708	A2BP1;A2BP1	0.00103047	0.837065	0.903841	-1.10639	0.0642446	0.360278	-2.77564	0.0473738	0.328307	-3.04593	0.036096	0.302174	-3.30935	0.00646997	0.175843	-5.68689	0.10336	0.417006	-2.39805	3.10E-05	0.0184597	-54.172	0.00163297	0.109109	-9.16518	0.00206916	0.118888	-8.41124	11.6668	44.5411	3.39358	1
cg00019838	A2BP1;A2BP1	0.0010787	0.0997393	0.603841	-1.65607	0.00223809	0.302137	-3.30976	0.00513942	0.355773	-2.81078	0.702915	1.1131	1.1131	0.0711185	0.569086	-1.7572	0.783949	0.926027	-1.07988	0.00299576	0.320346	-3.12163	0.000324738	0.196884	-5.07914	0.000164003	0.165766	-6.03259	11.5161	14.2613	1.10078	1
cg07849944	A2BP1;A2BP1	0.00133421	0.265143	0.697725	-1.43323	0.240319	1.46379	1.46379	0.507882	0.812044	-1.23146	0.493982	1.24021	1.24021	0.967152	1.01284	1.01284	0.019838	0.418241	-2.39097	5.56E-05	0.0979017	-10.2143	0.00583126	3.06159	3.06159	0.120195	1.68616	1.68616	10.8381	16.4891	1.35235	1
cg02230017	A2BP1;A2BP1	0.00529725	0.430962	0.74088	-1.34975	0.328251	1.45719	1.45719	0.376506	1.40299	1.40299	0.41178	1.36769	1.36769	0.496613	1.29374	1.29374	0.412236	1.36726	1.36726	0.317823	1.46999	1.46999	6.85E-05	15.1321	15.1321	0.0173292	2.94866	2.94866	7.21013	15.8971	1.95984	1
cg04383979	A2BP1;A2BP1	0.012863	0.0865039	1.95696	1.95696	0.133288	1.77575	1.77575	0.349564	0.710756	-1.40695	0.360786	0.716692	-1.3953	0.0208973	0.373225	-2.67935	0.0710327	2.04433	2.04433	0.948843	0.977506	-1.02301	0.010844	0.321616	-3.1093	0.00533892	0.272192	-3.67388	5.44896	10.8495	1.76987	1
cg08466740	A2BP1;A2BP1	0.0136695	0.00978217	0.206644	-4.83924	0.313869	0.604849	-1.6533	0.848685	0.911923	-1.09658	0.132065	0.45631	-2.19149	0.0411771	0.320763	-3.11757	0.0662891	0.369997	-2.70272	0.000511434	0.0728745	-13.7222	0.0292113	0.28931	-3.4565	0.0884405	0.403611	-2.47763	5.34163	19.7114	3.28013	1
cg06705265	A2BP1;A2BP1	0.0145315	0.558481	0.68478	-1.46032	0.710293	1.2697	1.2697	0.250875	0.464046	-2.15496	0.534211	0.668404	-1.4961	0.00121434	0.048273	-20.7155	0.914075	0.93326	-1.07151	0.00489236	0.0919359	-10.8771	0.0119426	0.134341	-7.44376	0.0370348	0.212323	-4.7098	5.23527	33.9561	5.76535	1
cg06560026	A2BP1;A2BP1	0.018489	0.0135565	0.286205	-3.494	0.0728679	2.26899	2.26899	0.0377266	0.372732	-2.68289	0.7539	0.879164	-1.13744	0.00373843	0.201238	-4.96925	0.207694	0.580407	-1.72293	0.0194589	0.314521	-3.17944	0.160789	0.541486	-1.84677	0.130607	0.512467	-1.95135	4.83133	12.831	2.36071	1
cg04973802	A2BP1;A2BP1	0.0213085	0.986307	1.01001	1.01001	0.129016	2.59086	2.59086	0.89083	0.923395	-1.08296	0.962197	1.02789	1.02789	0.00176235	0.0753385	-13.2734	0.682492	0.787657	-1.26959	0.0242073	0.210254	-4.75615	0.324528	0.55408	-1.80479	0.0122435	0.163477	-6.11707	4.60403	24.5584	4.74144	1
cg07891288	A2BP1;A2BP1	0.0245403	0.045148	0.320496	-3.12017	0.975901	1.01507	1.01507	0.0156745	0.230744	-4.33381	0.740222	0.848125	-1.17907	0.00370915	0.143558	-6.96581	0.0488249	0.328303	-3.04597	0.0109982	0.206106	-4.85187	0.111629	0.424089	-2.358	0.0382654	0.304599	-3.28301	4.38542	17.023	3.45041	1
cg10413513	A2BP1;A2BP1;A2BP1	2.47E-06	7.30E-06	0.184298	-5.42598	0.162414	1.29053	1.29053	0.0012345	0.445847	-2.24292	0.553012	1.10808	1.10808	4.41E-07	0.0868531	-11.5137	0.823055	1.03904	1.03904	3.29E-07	0.0790741	-12.6464	0.002891	0.496335	-2.01477	0.00558286	0.536646	-1.86343	58.1968	26.9549	0.411706	1
cg00470955	A2BP1;A2BP1;A2BP1	1.07E-05	0.00242885	0.805172	-1.24197	0.0678627	1.11071	1.11071	0.0915905	0.909037	-1.10006	0.00348325	0.81584	-1.22573	0.167535	0.927256	-1.07845	0.000321911	0.741739	-1.34818	0.00223829	0.80273	-1.24575	4.12E-07	2.09584	2.09584	0.12597	0.918512	-1.08872	39.8759	1.6645	0.0371039	1
cg08661450	A2BP1;A2BP1;A2BP1	1.74E-05	0.0382536	0.614285	-1.62791	0.212617	0.766145	-1.30524	0.000337787	0.309621	-3.22976	0.476589	1.1582	1.1582	0.242937	1.2814	1.2814	0.0292959	0.593911	-1.68376	0.444737	0.853772	-1.17127	0.0245336	0.580674	-1.72214	1.75E-07	0.0381466	-26.2146	35.149	22.9226	0.579694	1
cg03529595	A2BP1;A2BP1;A2BP1	3.62E-05	0.377365	0.828225	-1.2074	0.0593759	1.55712	1.55712	1.61E-05	0.157317	-6.35657	0.806924	1.05227	1.05227	2.19E-05	0.169644	-5.89471	0.606802	1.11406	1.11406	0.137699	1.3946	1.3946	0.00299767	0.428719	-2.33253	1.23E-05	0.146944	-6.80529	28.9915	19.8785	0.609481	1
cg06332950	A2BP1;A2BP1;A2BP1	7.99E-05	0.0035117	0.497747	-2.00905	0.00892694	1.79718	1.79718	0.224712	0.798729	-1.25199	0.171269	0.7736	-1.29266	3.10E-05	0.238638	-4.19046	0.84961	1.03402	1.03402	0.675842	0.928572	-1.07692	0.000359666	0.364725	-2.74179	1.02E-05	0.18875	-5.29802	23.5043	11.5604	0.437193	1
cg04006565	A2BP1;A2BP1;A2BP1	0.000162234	0.0457045	0.596432	-1.67664	0.038746	0.582784	-1.7159	0.0616064	0.621914	-1.60794	0.199509	0.736545	-1.35769	1.88E-05	0.140205	-7.13243	0.195194	0.734122	-1.36217	0.000311719	0.267368	-3.74017	0.00293074	0.397768	-2.51403	1.68E-05	0.136174	-7.34352	19.4414	15.6698	0.716445	1
cg16716449	A2BP1;A2BP1;A2BP1	0.000472477	0.00563472	0.368678	-2.71239	0.00821306	2.53108	2.53108	0.0335662	0.505689	-1.9775	0.393066	0.786412	-1.2716	0.0312247	0.499467	-2.00213	0.0299988	0.496051	-2.01592	6.18E-05	0.131493	-7.60497	0.742666	1.0947	1.0947	0.000218679	0.184071	-5.43268	14.5166	17.3401	1.06178	1
cg03998719	A2BP1;A2BP1;A2BP1	0.000532925	0.340047	0.758002	-1.31926	0.0284913	2.07179	2.07179	0.0511392	0.534802	-1.86985	0.143207	1.55786	1.55786	0.000189091	0.169674	-5.89367	0.0203562	2.19881	2.19881	0.00011536	0.148783	-6.72119	0.0964262	0.597899	-1.67252	0.04481	0.522582	-1.91358	14.0397	17.6553	1.11781	1
cg00491523	A2BP1;A2BP1;A2BP1	0.000562092	0.00149925	0.169771	-5.8903	0.115741	1.93968	1.93968	0.00664246	0.255377	-3.91578	0.00763996	0.264774	-3.7768	0.454832	0.744537	-1.34312	0.981087	0.990856	-1.00923	0.00143538	0.167628	-5.96561	0.000110569	0.0716438	-13.958	0.000407678	0.113457	-8.8139	13.8332	32.8974	2.11392	1
cg03391464	A2BP1;A2BP1;A2BP1	0.000575656	0.25297	1.52146	1.52146	0.00863946	3.24398	3.24398	0.001855	0.211663	-4.72449	0.0722644	0.494066	-2.02402	0.028699	0.403731	-2.47689	0.000584668	6.47704	6.47704	0.0011907	0.188248	-5.31214	0.0118639	0.331527	-3.01635	0.0348442	0.421274	-2.37375	13.7416	26.8874	1.73924	1
cg04892758	A2BP1;A2BP1;A2BP1	0.00174396	0.80695	0.893795	-1.11882	0.250826	0.576791	-1.73373	0.00305098	0.15551	-6.43043	0.39334	0.669654	-1.49331	0.000409864	0.0762604	-13.113	0.981831	1.0105	1.0105	0.00108279	0.109424	-9.13877	0.000541322	0.084862	-11.7838	0.0140053	0.248704	-4.02085	10.0333	33.4212	2.9609	1
cg07027430	A2BP1;A2BP1;A2BP1	0.00198597	0.229419	0.681205	-1.46799	0.014054	0.397358	-2.51662	0.035681	2.10468	2.10468	0.241805	0.688712	-1.45199	0.0261011	0.447728	-2.2335	0.505394	0.814064	-1.2284	0.705935	0.891021	-1.12231	0.000103917	8.07817	8.07817	0.437135	1.27289	1.27289	9.6617	14.1786	1.30445	1
cg00099017	A2BP1;A2BP1;A2BP1	0.00329879	0.834225	1.06464	1.06464	0.460345	0.798804	-1.25187	0.00530717	0.333534	-2.9982	0.425973	1.27501	1.27501	0.000140839	0.140354	-7.12484	0.903041	0.964233	-1.03709	0.179882	1.53062	1.53062	0.00738643	0.356438	-2.80554	0.351403	0.750796	-1.33192	8.3197	11.7689	1.25741	1
cg03623568	A2BP1;A2BP1;A2BP1	0.00350268	0.0375092	0.378797	-2.63994	0.228145	0.60124	-1.66323	0.0313079	0.362033	-2.76218	0.896605	1.05368	1.05368	0.00709659	0.246839	-4.05123	0.339054	0.67278	-1.48637	8.65E-05	0.0588211	-17.0007	0.512432	0.765516	-1.30631	0.00887999	0.262022	-3.81647	8.17194	20.9364	2.27732	1
cg16696400	A2BP1;A2BP1;A2BP1	0.00394375	0.0055845	0.121981	-8.19801	0.00727506	0.135167	-7.39827	0.0130443	0.16857	-5.93227	0.0408637	0.255512	-3.91371	0.000407902	0.0389134	-25.6981	0.0642815	0.300654	-3.32609	0.00516048	0.118257	-8.45619	0.00321118	0.0977878	-10.2262	0.115919	0.372396	-2.68531	7.88607	41.7381	4.70456	1
cg02236847	A2BP1;A2BP1;A2BP1	0.0100394	0.00895688	0.105672	-9.46327	0.0524634	0.225186	-4.44077	0.0138755	0.128055	-7.80912	0.07422	0.260565	-3.83782	0.00126859	0.0416147	-24.03	0.0520301	0.224403	-4.45626	0.00824813	0.101862	-9.81718	0.00745983	0.0973808	-10.269	0.0808982	0.270224	-3.70063	5.9032	42.7307	6.43428	1
cg00962147	A2BP1;A2BP1;A2BP1	0.0158248	0.00817547	0.186295	-5.36784	0.0456658	0.327263	-3.05565	0.0400434	0.314027	-3.18444	0.832741	1.10618	1.10618	0.0366875	0.305479	-3.27355	0.123197	0.446353	-2.24038	0.141759	0.466634	-2.14301	0.00291085	0.127899	-7.81866	0.00312835	0.131462	-7.60675	5.70874	20.1455	2.74469	1
cg07283511	A2BP1;A2BP1;A2BP1	0.0187985	0.0923022	0.623096	-1.60489	0.00921328	2.32573	2.32573	0.826521	0.9455	-1.05764	0.0168549	0.474986	-2.10532	0.422125	0.811104	-1.23289	0.0677811	1.68601	1.68601	0.0227421	0.498532	-2.00589	0.767838	0.927204	-1.07851	0.126648	0.65583	-1.52478	4.80433	4.96013	0.917713	1
cg06271387	A2BP1;A2BP1;A2BP1	0.0205152	0.074878	0.421855	-2.37049	0.0845706	0.436061	-2.29326	0.0915947	0.445665	-2.24384	0.0423355	0.361554	-2.76584	0.0174244	0.283831	-3.52323	0.421872	0.699807	-1.42896	0.000604267	0.100184	-9.98163	0.280944	0.614124	-1.62834	0.144797	0.505931	-1.97655	4.66403	13.9816	2.66467	1
cg00590139	A2BP1;A2BP1;A2BP1	0.0362988	0.450915	1.28181	1.28181	0.125427	0.585065	-1.70921	0.380814	1.33716	1.33716	0.422998	1.30279	1.30279	0.169887	1.60405	1.60405	0.295095	0.70402	-1.42041	0.658261	0.865996	-1.15474	0.00121201	4.62397	4.62397	0.902951	1.04021	1.04021	3.81635	6.31414	1.47066	1
cg00036119	A2BP1;A2BP1;A2BP1	0.0423314	0.659994	0.815528	-1.2262	0.00134892	0.117105	-8.53936	0.0393817	0.333598	-2.99762	0.847068	0.914902	-1.09301	0.266834	0.586914	-1.70383	0.953477	0.973484	-1.02724	0.123997	0.464264	-2.15395	0.318202	1.60837	1.60837	0.64249	0.806268	-1.24028	3.60679	12.1202	2.98699	1
cg27199384	A2BP1;A2BP1;A2BP1	0.0469594	0.96967	1.01514	1.01514	?	?	?	0.359387	1.45121	1.45121	0.241226	0.615827	-1.62383	0.965567	0.983086	-1.0172	0.0386123	0.388033	-2.5771	?	?	?	0.00569351	4.19135	4.19135	0.979596	1.01016	1.01016	3.5868	6.89959	2.19841	1
cg02119348	A2BP1;A2BP1;A2BP1;A2BP1	4.36E-05	0.673314	1.07459	1.07459	0.147506	1.30165	1.30165	0.00111817	2.25735	2.25735	0.205195	1.25451	1.25451	0.591451	1.09627	1.09627	0.869658	0.972526	-1.02825	0.101436	0.737699	-1.35557	5.74E-06	5.65447	5.65447	3.65E-06	6.2932	6.2932	27.6027	12.5803	0.405124	1
cg01610605	A2BP1;A2BP1;A2BP1;A2BP1	9.18E-05	0.398191	1.22136	1.22136	0.689391	1.09732	1.09732	0.113435	1.48914	1.48914	0.25489	1.31627	1.31627	0.580056	1.13791	1.13791	0.944611	0.984066	-1.01619	0.378877	0.811641	-1.23207	6.35E-06	10.27	10.27	8.02E-06	9.56085	9.56085	22.6518	19.1717	0.752323	1
cg03934713	A2BP1;A2BP1;A2BP1;A2BP1	0.000415138	0.34068	1.15476	1.15476	0.237403	1.19888	1.19888	0.075319	1.33668	1.33668	0.294648	1.17267	1.17267	0.326532	1.16002	1.16002	0.98489	1.00278	1.00278	0.442519	0.89159	-1.12159	4.81E-06	4.6283	4.6283	0.00203637	1.89145	1.89145	15.0452	5.11726	0.302334	1
cg03072621	A2BP1;A2BP1;A2BP1;A2BP1	0.00730819	0.616898	1.28878	1.28878	0.11188	2.38892	2.38892	0.0311726	3.56806	3.56806	0.340107	1.63972	1.63972	0.728831	0.839407	-1.19132	0.599933	0.76628	-1.30501	0.975553	0.984705	-1.01553	0.000179628	24.296	24.296	0.0120549	4.82964	4.82964	6.52672	26.1534	3.56189	1
cg07936456	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	5.23E-06	0.00326722	0.458463	-2.1812	0.174365	0.755006	-1.32449	0.000575182	0.354716	-2.81916	0.108927	0.711745	-1.405	2.38E-06	0.107329	-9.31711	0.131799	0.728772	-1.37217	4.12E-05	0.218642	-4.57369	2.03E-06	0.102506	-9.75552	8.67E-07	0.0783957	-12.7558	47.9709	28.7414	0.532572	1
cg02576228	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	1.66E-05	0.000222406	0.397058	-2.51852	0.654306	1.07007	1.07007	6.60E-05	0.33297	-3.00327	0.476478	0.896928	-1.11492	2.86E-05	0.290844	-3.43827	0.303415	1.17371	1.17371	0.0321983	0.685955	-1.45782	4.68E-06	0.206722	-4.83742	6.55E-06	0.221445	-4.51579	35.5629	12.7161	0.317838	1
cg08160063	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	3.49E-05	0.000189216	0.163818	-6.10434	0.0144872	0.420736	-2.37679	0.000154346	0.155147	-6.4455	0.00236952	0.295759	-3.38113	4.64E-06	0.0488656	-20.4643	0.000381589	0.195878	-5.10523	5.74E-05	0.117052	-8.54321	0.00018975	0.16394	-6.0998	3.89E-05	0.103893	-9.62525	29.2709	38.2885	1.16273	1
cg06524192	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	5.13E-05	0.899145	1.02881	1.02881	0.11797	0.683722	-1.46258	2.60E-05	0.154839	-6.45834	0.1265	1.44805	1.44805	0.000170901	0.239103	-4.18229	0.99233	0.99785	-1.00216	0.01095	0.489124	-2.04447	2.75E-05	0.157097	-6.36548	2.08E-05	0.14609	-6.84509	26.4425	21.0072	0.706174	1
cg09599971	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0001263	0.0189314	0.472688	-2.11556	0.553199	0.853721	-1.17134	5.11E-05	0.135328	-7.38945	0.402955	1.25315	1.25315	3.54E-05	0.121939	-8.2008	0.0802743	0.59955	-1.66792	8.96E-05	0.157522	-6.34833	0.0016957	0.306584	-3.26175	0.000395871	0.225973	-4.4253	20.7974	22.896	0.978585	1
cg27449328	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.000151795	0.011498	0.433142	-2.30871	0.13913	0.656186	-1.52396	0.000247245	0.201539	-4.96182	0.123001	0.642599	-1.55618	8.28E-05	0.1532	-6.52743	0.299357	0.752265	-1.32932	0.00245312	0.327834	-3.05033	0.000292785	0.209691	-4.76893	1.35E-05	0.089766	-11.1401	19.7933	21.9581	0.986104	1
cg00499781	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.000222086	0.41701	0.83605	-1.1961	0.0602587	0.632872	-1.5801	0.00196353	0.388807	-2.57197	0.851325	0.960303	-1.04134	0.00932556	0.490685	-2.03797	0.0556594	0.626167	-1.59702	0.0040116	2.30399	2.30399	0.356554	0.814881	-1.22717	6.07E-06	0.112107	-8.92007	17.8561	13.1802	0.656117	1
cg10338848	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.000270726	0.0115598	0.474896	-2.10573	0.0527874	1.68052	1.68052	0.000431472	0.268999	-3.71748	0.549205	0.866832	-1.15363	0.0805424	0.633141	-1.57943	0.520386	1.16607	1.16607	0.864472	1.04111	1.04111	0.000218733	0.233833	-4.27656	2.65E-05	0.140965	-7.09394	16.9184	14.8997	0.782825	1
cg09790780	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.000336584	0.0126641	0.452607	-2.20942	0.0598164	1.72162	1.72162	0.000144976	0.187548	-5.33198	0.315704	0.766919	-1.30392	0.00793967	0.418644	-2.38867	0.607093	0.87574	-1.14189	0.0226529	0.497552	-2.00984	3.15E-05	0.125536	-7.96582	0.0013547	0.304151	-3.28784	15.9394	16.5196	0.921242	1
cg10316291	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.000562481	0.199636	1.39327	1.39327	0.00532309	0.407094	-2.45643	0.00523039	0.405905	-2.46363	0.412535	0.814604	-1.22759	0.00585156	0.413533	-2.41818	0.310686	1.29269	1.29269	0.70994	1.09575	1.09575	0.000445717	0.257659	-3.88109	4.96E-05	0.154992	-6.45194	13.8305	13.1212	0.843303	1
cg06719334	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.000563721	0.0649701	0.470598	-2.12496	0.849161	1.07171	1.07171	0.000393283	0.128231	-7.79846	0.491116	0.775402	-1.28965	0.000501421	0.138141	-7.23897	0.704699	0.870672	-1.14854	0.00136577	0.184501	-5.42001	0.000132717	0.0897864	-11.1375	0.000993979	0.168815	-5.92366	13.822	28.9609	1.86247	1
cg07196505	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.00110514	0.0159579	0.249892	-4.00173	0.170785	1.98469	1.98469	0.00565431	0.181506	-5.50947	0.582501	0.770337	-1.29813	0.000311779	0.0640531	-15.612	0.453473	1.43174	1.43174	0.00431326	0.166393	-6.00988	0.000735168	0.0897513	-11.1419	0.00190796	0.126638	-7.89654	11.4371	40.008	3.10942	1
cg00205756	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.00470349	0.0401838	0.46078	-2.17023	0.344391	0.72738	-1.3748	0.00800671	0.329348	-3.0363	0.0610755	0.501652	-1.99341	0.249318	0.674682	-1.48218	0.923207	1.03201	1.03201	0.643998	0.858914	-1.16426	0.000550146	0.17316	-5.77499	0.000555152	0.173584	-5.76091	7.47659	12.6481	1.50373	1
cg06844984	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0119148	0.257792	0.783276	-1.27669	0.0291754	0.587633	-1.70174	0.00329876	0.436918	-2.28876	0.130139	1.40238	1.40238	0.544217	0.880761	-1.13538	0.39224	1.19878	1.19878	0.0114282	1.92467	1.92467	0.923845	0.980416	-1.01997	0.0333509	0.597864	-1.67262	5.58639	3.78573	0.602373	1
cg06580966	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0135326	0.00766067	0.141871	-7.04863	0.0705037	0.316105	-3.16351	0.00514686	0.121829	-8.20825	0.0438315	0.267136	-3.74342	0.00759904	0.141439	-7.07019	0.0908538	0.346009	-2.89009	0.0106658	0.160579	-6.22746	0.00749989	0.140738	-7.10542	0.0472521	0.274333	-3.64521	5.35928	27.5526	4.56986	1
cg07944396	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0160509	0.317535	1.73328	1.73328	0.147565	0.437283	-2.28685	0.0855363	0.363578	-2.75044	0.577812	0.741328	-1.34893	0.00082681	0.0685121	-14.596	0.875612	0.919992	-1.08697	0.0269736	0.247997	-4.0323	0.0106183	0.180788	-5.53135	0.263254	0.537481	-1.86053	5.06564	22.7355	3.98949	1
cg07568233	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0416311	0.724675	1.21082	1.21082	0.376122	0.611806	-1.63451	0.141029	0.424687	-2.35467	0.715823	0.820552	-1.21869	0.00299806	0.110592	-9.04222	0.415164	1.56918	1.56918	0.0935181	0.368681	-2.71237	0.0109898	0.177993	-5.6182	0.465119	0.668887	-1.49502	3.62917	16.8197	4.11963	1
cg09683476	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0488314	0.0601634	0.449265	-2.22586	0.0276105	0.374183	-2.67249	0.00521027	0.248748	-4.02013	0.485671	1.30653	1.30653	0.0967631	0.502559	-1.98982	0.580066	0.809841	-1.23481	0.531172	0.7871	-1.27049	0.0587612	0.446787	-2.2382	0.0598495	0.448714	-2.22859	3.41868	7.71198	2.00519	1
cg27623406	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0437737	0.131807	0.379109	-2.63776	0.0432417	0.249957	-4.00068	0.0171289	0.17684	-5.65482	0.251947	0.489872	-2.04135	0.0133494	0.160807	-6.21864	0.550384	0.697486	-1.43372	0.00645687	0.121027	-8.26264	0.0791509	0.312788	-3.19705	0.109372	0.35314	-2.83174	3.56211	20.0579	5.00525	1
cg00480381	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.0494244	0.125629	0.33649	-2.97185	0.605001	0.709723	-1.409	0.360917	0.539452	-1.85373	0.119479	0.329477	-3.03511	0.0162347	0.144881	-6.90221	0.558775	0.678044	-1.47483	0.00276008	0.0662995	-15.0831	0.0685633	0.261899	-3.81826	0.0689442	0.262494	-3.80961	3.40307	23.2754	6.07959	1
cg17371841	A2LD1	0.00148352	0.0445671	1.3978	1.3978	0.0302951	0.690888	-1.44741	0.412039	0.885339	-1.12951	0.361968	1.14575	1.14575	0.183546	0.814748	-1.22737	0.247344	0.838933	-1.19199	2.79E-05	0.301881	-3.31256	0.970852	0.994709	-1.00532	0.0522774	0.725775	-1.37784	10.513	3.51035	0.296806	1
cg13776095	A2LD1;A2LD1	0.00407235	0.994855	0.999234	-1.00077	0.00114162	1.76592	1.76592	0.0021841	1.66687	1.66687	0.303796	0.881074	-1.13498	0.0267854	0.732056	-1.36602	0.735143	0.960439	-1.04119	0.00770945	1.50225	1.50225	0.0534364	1.29796	1.29796	0.761555	1.03684	1.03684	7.81016	1.74811	0.198956	1
cg26665904	A2M	0.000940961	0.825921	1.05641	1.05641	0.00363717	0.375214	-2.66514	0.00388672	0.379563	-2.63461	0.223687	0.727232	-1.37508	0.00539039	0.401419	-2.49116	0.0402035	0.553988	-1.80509	4.67E-05	0.147515	-6.77898	0.0548433	1.72041	1.72041	0.663548	0.896681	-1.11522	11.9711	11.7694	0.873914	1
cg08012045	A2M	0.00351607	0.262019	1.35176	1.35176	0.072575	1.67577	1.67577	0.172135	1.45432	1.45432	0.392844	0.798054	-1.25305	0.000522311	0.248141	-4.02996	0.35688	0.783334	-1.27659	0.00121084	0.294904	-3.39094	0.109077	1.5688	1.5688	0.594928	0.870839	-1.14832	8.16261	8.58561	0.934953	1
cg27166707	A2M	0.0164095	0.716146	1.08568	1.08568	0.734309	1.0797	1.0797	0.594575	0.886103	-1.12854	0.923341	0.978567	-1.0219	0.000200854	0.245451	-4.07413	0.243907	0.759991	-1.31581	0.222633	0.74939	-1.33442	0.952272	1.01357	1.01357	0.671782	0.908521	-1.10069	5.0285	4.03566	0.713384	1
cg12058490	A2M	0.0282842	0.0104045	0.108704	-9.1993	0.153293	0.349316	-2.86274	0.0329899	0.179943	-5.55731	0.0341813	0.182699	-5.47347	0.863128	0.888088	-1.12601	0.823974	0.857928	-1.1656	0.00440273	0.073167	-13.6674	0.56999	1.48421	1.48421	0.0420802	0.19969	-5.00775	4.1729	31.2671	6.66035	1
cg27653134	A2ML1	0.000511651	0.501598	1.09839	1.09839	0.341431	1.1444	1.1444	0.000337466	0.451544	-2.21462	0.0485716	1.36344	1.36344	2.59E-05	0.317743	-3.1472	0.956975	0.992604	-1.00745	0.453962	0.900364	-1.11066	0.148478	1.2377	1.2377	0.637785	1.06743	1.06743	14.1995	4.25761	0.266527	1
cg11756734	A2ML1	0.000783959	0.847518	0.961543	-1.03999	0.728689	0.93152	-1.07351	0.000121169	0.254681	-3.92647	0.0714196	0.663553	-1.50704	5.82E-05	0.219284	-4.56029	0.00333681	0.443172	-2.25646	0.0143046	0.540458	-1.85028	0.70878	0.926417	-1.07943	0.289444	0.799317	-1.25107	12.6037	8.28384	0.584226	1
cg15769388	A2ML1	0.00188398	0.00883305	0.492178	-2.03179	0.00685623	0.474911	-2.10566	0.00322305	0.425389	-2.35079	0.0661846	0.645161	-1.55	0.000158377	0.253157	-3.95011	0.411765	0.836542	-1.1954	0.000668954	0.330534	-3.0254	0.0191831	0.547368	-1.82693	0.281235	0.788068	-1.26893	9.81104	7.02748	0.636696	1
cg04884118	A2ML1	0.00250079	0.00367368	0.210574	-4.74892	0.031216	0.366851	-2.7259	0.709603	0.8621	-1.15996	0.789973	0.899521	-1.1117	0.0025697	0.190463	-5.25037	0.0734472	0.453063	-2.2072	9.56E-05	0.0635997	-15.7234	0.0827934	0.46672	-2.14261	0.0200349	0.328513	-3.04402	9.0312	22.5069	2.21522	1
cg13209739	A2ML1	0.00409735	0.0558797	0.616237	-1.62275	0.765462	0.93532	-1.06915	0.0236721	0.54677	-1.82892	0.174936	0.724364	-1.38052	0.000154686	0.234868	-4.25771	0.359125	0.809978	-1.2346	0.0010415	0.337889	-2.95955	0.0580138	0.619453	-1.61433	0.388987	0.820925	-1.21814	7.79574	6.16792	0.70328	1
cg15384867	A2ML1	0.00423755	0.393874	0.736206	-1.35831	0.345518	0.71129	-1.4059	0.0763766	0.500917	-1.99634	0.594925	1.20705	1.20705	0.00190383	0.213869	-4.67575	0.123496	0.557088	-1.79505	0.000135433	0.0985723	-10.1448	0.447344	1.31202	1.31202	0.419369	0.74877	-1.33552	7.71691	15.0282	1.73106	1
cg12168926	A2ML1	0.0384399	0.246927	0.732819	-1.36459	0.451996	1.21743	1.21743	0.00732358	0.411591	-2.4296	0.0115681	0.444551	-2.24946	0.608407	0.875743	-1.14189	0.632721	0.883713	-1.13159	0.159468	1.4711	1.4711	0.055264	0.572405	-1.74701	0.472462	1.2064	1.2064	3.73736	3.90215	0.928082	1
cg27629124	A2ML1	0.0388916	0.936859	0.964398	-1.03692	0.3239	1.59387	1.59387	0.218373	0.553005	-1.8083	0.511379	1.3563	1.3563	0.00463178	0.178423	-5.60465	0.474065	0.716679	-1.39533	0.00461095	0.178171	-5.61259	0.854091	0.919218	-1.08788	0.853225	0.918752	-1.08843	3.72138	12.3391	2.94731	1
cg01337197	A4GALT	2.02E-06	0.351513	0.863848	-1.15761	0.000296297	2.45803	2.45803	0.000155201	0.371974	-2.68836	0.235307	0.827072	-1.20908	0.0157039	0.636375	-1.5714	7.57E-05	0.334242	-2.99184	8.02E-08	0.0662676	-15.0903	0.201129	0.813767	-1.22885	4.88E-06	0.203394	-4.91656	61.2363	22.5977	0.328021	1
cg03328754	A4GALT	0.00101576	0.165286	0.660856	-1.51319	0.0226525	0.465919	-2.1463	0.295292	0.738033	-1.35495	0.0757282	0.575069	-1.73892	0.000163498	0.165364	-6.04726	0.00305502	0.321262	-3.11272	0.00721883	2.63888	2.63888	0.013656	0.425819	-2.34842	0.00122925	0.266351	-3.75445	11.7145	14.5331	1.10277	1
cg02053339	A4GALT	0.0034301	0.156493	0.802813	-1.24562	0.0563697	1.36764	1.36764	0.298088	0.855303	-1.16918	0.230119	1.20015	1.20015	0.000226342	0.411275	-2.43146	0.0460821	1.39266	1.39266	?	?	?	0.0910705	0.763604	-1.30958	0.225874	1.20236	1.20236	8.40485	2.48455	0.295609	1
cg05727648	A4GALT	0.00490107	0.474001	0.852581	-1.17291	0.00215928	2.56816	2.56816	0.337841	1.24161	1.24161	0.284926	0.784056	-1.27542	0.00200966	0.384934	-2.59785	0.848717	1.04271	1.04271	0.00360683	0.421891	-2.37028	0.311791	1.25757	1.25757	0.764409	0.93629	-1.06805	7.38347	5.60969	0.675345	1
cg06381725	A4GALT	0.0115389	0.0410983	0.773787	-1.29235	0.00202985	0.622812	-1.60562	0.404255	0.911315	-1.09732	0.862628	0.981331	-1.01902	0.834392	0.977476	-1.02304	0.617225	1.05636	1.05636	0.043661	1.28707	1.28707	0.014355	0.720042	-1.38881	0.0114364	0.708656	-1.41112	5.6447	1.05857	0.166697	1
cg18931888	A4GNT	0.0098631	0.38467	0.820286	-1.21909	0.461688	0.846585	-1.18122	0.233249	0.757457	-1.32021	0.386207	0.820837	-1.21827	0.000241477	0.259281	-3.85682	0.185204	0.731776	-1.36654	0.0260228	1.79885	1.79885	0.706069	0.919238	-1.08786	0.315474	0.793989	-1.25946	5.93672	4.64471	0.69544	1
cg23669440	A4GNT	0.013672	0.356241	0.6895	-1.45033	0.0921736	0.483704	-2.06738	0.00497556	0.232999	-4.29186	0.793443	0.902294	-1.10829	0.0132262	0.300228	-3.33081	0.114874	0.510811	-1.95767	0.00364443	0.214173	-4.66912	0.00683617	0.253436	-3.94577	0.0135304	0.301952	-3.31178	5.34131	12.9862	2.16114	1
cg17687282	A4GNT;A4GNT	0.00240962	0.0227265	0.496236	-2.01517	0.26959	1.34371	1.34371	0.0138356	0.457624	-2.1852	0.000518735	0.248764	-4.01988	0.000919417	0.280126	-3.56983	0.0020411	0.327205	-3.05619	0.153313	0.675081	-1.4813	0.0359766	0.534245	-1.8718	0.0157767	0.467613	-2.13852	9.13037	9.54891	0.929636	1
cg03382549	AAA1;NPSR1;NPSR1	0.000142634	0.011041	0.558932	-1.78913	0.0320135	1.58165	1.58165	0.00611179	0.520454	-1.9214	0.01479	1.72865	1.72865	6.82E-05	0.264586	-3.77949	0.82401	0.960167	-1.04149	4.19E-05	4.14955	4.14955	0.349299	1.19224	1.19224	0.867983	0.970097	-1.03083	20.1281	10.6167	0.468851	1
cg03538079	AAA1;NPSR1;NPSR1	0.00187944	0.95224	1.01282	1.01282	0.254098	1.28832	1.28832	0.19359	0.746301	-1.33994	0.00127185	0.367885	-2.71824	0.000149687	0.250219	-3.9965	0.957182	1.01149	1.01149	0.00266443	0.41322	-2.42002	0.0562271	0.631315	-1.584	0.0182154	0.543467	-1.84004	9.81791	7.0365	0.637067	1
cg08251685	AAA1;NPSR1;NPSR1	0.00767663	0.00498385	1.57663	1.57663	0.369025	1.11965	1.11965	0.0182593	0.704023	-1.42041	0.138657	0.822616	-1.21563	0.809674	0.970876	-1.03	0.00823189	0.660986	-1.51289	0.0134384	1.45487	1.45487	0.265261	0.867435	-1.15282	0.209872	0.850547	-1.17571	6.42693	1.52731	0.211237	1
cg20495677	AAA1;NPSR1;NPSR1	0.0219266	0.642034	1.20649	1.20649	0.0416287	0.389917	-2.56465	0.313999	0.658671	-1.51821	0.594689	1.24026	1.24026	0.000861562	0.134508	-7.43452	0.868499	1.0687	1.0687	?	?	?	0.278382	1.57137	1.57137	0.875605	1.06483	1.06483	4.64066	10.5038	2.26344	1
cg05843946	AAAS	0.00158607	0.14097	0.814133	-1.2283	0.120106	0.803344	-1.2448	0.0530972	0.751704	-1.33031	0.0137901	0.673461	-1.48487	0.000100627	0.408443	-2.44832	0.13467	0.811025	-1.23301	0.00974807	1.52884	1.52884	0.067981	1.30403	1.30403	0.055271	0.754141	-1.32601	10.3124	2.75451	0.237428	1
cg22861965	AAAS	0.00206873	0.00888538	1.79867	1.79867	0.515069	1.12342	1.12342	0.506091	0.88785	-1.12632	0.000203313	2.9988	2.9988	0.00121972	2.30353	2.30353	0.72139	1.06517	1.06517	0.0517556	0.676861	-1.47741	0.692646	0.932352	-1.07256	0.036727	1.53397	1.53397	9.54738	4.70045	0.437626	1
cg02427438	AAAS	0.0123976	0.0943084	0.714324	-1.39993	0.0141926	0.574982	-1.73919	0.139237	1.33787	1.33787	0.496534	1.13459	1.13459	0.0418643	0.651171	-1.5357	0.383233	1.17768	1.17768	0.270505	0.810706	-1.23349	0.720809	0.93647	-1.06784	0.00208892	2.208	2.208	5.51478	2.92208	0.470989	1
cg13947385	AACS	0.000165956	0.00559794	0.452391	-2.21048	2.86E-05	0.166522	-6.00523	0.000183263	0.251847	-3.97066	0.95784	0.988539	-1.01159	0.383407	0.822925	-1.21518	0.537861	0.872833	-1.14569	0.00302297	2.42604	2.42604	0.751285	1.07179	1.07179	0.00353156	2.36877	2.36877	19.3227	14.5498	0.669325	1
cg02591554	AACS	0.000278583	0.0210491	0.733244	-1.3638	0.189921	0.85622	-1.16792	0.00114252	0.585799	-1.70707	0.298689	1.12799	1.12799	2.02E-05	0.381365	-2.62216	0.0721886	1.25152	1.25152	0.00145694	1.67209	1.67209	0.460956	0.919502	-1.08754	0.170208	0.849316	-1.17742	16.7867	3.3236	0.175991	1
cg24304880	AACS	0.00103665	0.532928	1.12112	1.12112	0.000502007	0.373433	-2.67785	0.00219056	0.459477	-2.17639	0.0572417	1.47609	1.47609	0.228383	1.25717	1.25717	0.0032247	2.06995	2.06995	0.00989852	1.80387	1.80387	0.921977	0.982422	-1.01789	0.0182402	1.67995	1.67995	11.647	6.04495	0.461347	1
cg27102469	AACS	0.0039714	0.00822881	0.416683	-2.3999	0.000171229	0.191258	-5.22854	0.17102	0.685568	-1.45864	0.0681059	0.589134	-1.69741	0.0023289	0.332517	-3.00736	0.0143912	0.457811	-2.18431	0.439945	0.815474	-1.22628	0.655605	0.890247	-1.12328	0.03641	0.532651	-1.8774	7.86949	8.35987	0.94428	1
cg21881338	AACS	0.00436901	0.340753	0.77692	-1.28713	0.181771	0.69459	-1.4397	0.763647	1.08062	1.08062	0.410957	1.24131	1.24131	0.00249863	0.339589	-2.94473	0.000298604	0.220226	-4.54079	0.0894639	0.617907	-1.61837	0.268502	0.743551	-1.3449	0.00328244	0.35698	-2.80127	7.64589	8.0049	0.930626	1
cg21269045	AACS	0.00792116	0.251287	1.50443	1.50443	0.199199	0.629368	-1.5889	0.0787263	0.510804	-1.9577	0.0474882	2.18962	2.18962	0.022515	0.386018	-2.59055	0.0199759	2.66285	2.66285	0.0783452	1.9598	1.9598	0.00150263	5.18024	5.18024	0.180833	1.62477	1.62477	7.28359	12.9362	1.38139	1
cg08332330	AACS	0.00854072	0.589599	1.17731	1.17731	0.0165695	2.40428	2.40428	0.0580686	1.90044	1.90044	0.00663259	0.347789	-2.87531	0.00267693	0.288153	-3.47038	0.514334	0.820196	-1.21922	0.193274	0.661896	-1.51081	0.900259	0.963113	-1.0383	0.15999	1.5683	1.5683	6.21462	8.8429	1.26482	1
cg16118089	AACS	0.0136383	0.585941	0.895486	-1.11671	0.462572	0.860644	-1.16192	0.0363902	1.62933	1.62933	0.0288517	1.67734	1.67734	0.627632	1.10307	1.10307	0.154021	0.736192	-1.35834	0.0127564	0.537417	-1.86075	0.00319318	0.445776	-2.24328	0.597703	0.898638	-1.11279	5.34563	3.40991	0.567011	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05341575	AACS	0.0166318	0.701844	0.892171	-1.12086	0.645973	0.871797	-1.14706	0.338822	0.746434	-1.3397	0.161272	1.55857	1.55857	0.019724	0.433731	-2.30558
cg14519501	AACS	0.0208253	0.0816268	0.673831	-1.48405	0.330233	0.814222	-1.22817	0.564744	1.12645	1.12645	0.00153528	0.393585	-2.54075	0.512731	1.14545	1.14545
cg20959480	AACS	0.0273148	0.376258	1.1688	1.1688	0.404712	0.863771	-1.15771	0.84857	0.967697	-1.03338	0.803265	1.04381	1.04381	0.522585	1.11774	1.11774
cg06758781	AACS	0.0280078	0.562627	0.892622	-1.1203	0.879184	0.970913	-1.02996	0.683568	0.923552	-1.08278	0.0275566	0.603081	-1.65815	0.104314	0.708512	-1.41141
cg02473376	AACS	0.0287088	0.956367	0.99259	-1.00747	0.0468417	0.733944	-1.3625	0.210287	0.835727	-1.19656	0.0174762	0.674875	-1.48175	0.410114	1.12132	1.12132
cg03013422	AACS	0.0287723	0.23897	0.718862	-1.39109	0.889361	1.03796	1.03796	0.00259865	3.05499	3.05499	0.0810646	1.67818	1.67818	0.516313	1.19261	1.19261
cg20999795	AACS	0.0366307	0.627855	1.11256	1.11256	0.0170473	0.529881	-1.88722	0.00255801	0.401106	-2.4931	0.486115	0.856818	-1.16711	0.900367	0.973021	-1.02773
cg06987292	AACS	0.0443535	0.121439	0.698947	-1.43072	0.21143	0.755153	-1.32423	0.00573788	0.461884	-2.16505	0.813638	0.950873	-1.05166	0.0167212	0.536291	-1.86466
cg19405302	AACS;AACS	0.00553846	0.974149	1.00452	1.00452	0.0964962	1.28926	1.28926	0.0946566	1.29143	1.29143	0.136614	0.799899	-1.25016	0.18319	0.821496	-1.21729
cg00261325	AACSL	0.000381461	0.0391145	0.367263	-2.72285	0.00478907	0.20788	-4.81047	0.000170445	0.0684704	-14.6049	0.502606	0.75168	-1.33035	2.22E-05	0.0281543	-35.5186
cg01834305	AACSL	0.00130633	0.326925	0.730236	-1.36942	0.677957	1.13851	1.13851	0.00327139	0.287858	-3.47393	0.812176	0.928721	-1.07675	2.95E-05	0.0786612	-12.7127
cg04196933	AACSL	0.00230717	0.093738	2.63342	2.63342	0.240163	1.90808	1.90808	0.699724	0.815783	-1.22582	0.0139731	4.92737	4.92737	0.141999	2.29193	2.29193
cg21473545	AACSL	0.0160714	0.54011	0.807666	-1.23813	0.539224	1.23873	1.23873	0.0110495	0.333658	-2.99708	0.00723489	0.303154	-3.29865	0.00801078	0.310297	-3.22272
cg05564657	AADAC	0.00469696	0.0192763	0.522888	-1.91246	0.00756615	0.455209	-2.1968	0.00757169	0.455259	-2.19655	0.0191981	0.52258	-1.91358	0.000302312	0.260396	-3.8403
cg25159668	AADACL2	0.00347568	0.0047846	0.491141	-2.03608	0.0295598	0.614799	-1.62655	0.0400252	0.637234	-1.56928	0.925527	0.982405	-1.01791	0.00133242	0.41237	-2.42501
cg26433816	AADACL3;AADACL3	0.00327977	0.569323	0.931587	-1.07344	0.90576	0.985513	-1.0147	7.90E-05	0.415064	-2.40927	0.431341	0.905777	-1.10402	0.00115986	0.555478	-1.80025
cg15092772	AADACL3;AADACL3	0.00801942	0.000301418	0.177299	-5.6402	0.73923	0.906344	-1.10333	0.00550513	0.341582	-2.92756	0.107259	0.596009	-1.67783	0.192898	0.666559	-1.50024
cg19620994	AADACL3;AADACL3	0.009409	0.00604516	0.24396	-4.09904	0.269506	0.636109	-1.57206	0.00196603	0.178858	-5.59102	0.0436349	0.401489	-2.49073	0.0044461	0.224684	-4.4507
cg22803477	AADACL3;AADACL3	0.0228913	0.25854	1.39347	1.39347	0.00213068	3.36949	3.36949	0.390878	0.780796	-1.28074	0.656452	1.13429	1.13429	0.197494	1.46729	1.46729
cg04505750	AADACL3;AADACL3	0.0254827	0.0439748	0.373798	-2.67524	0.364327	0.672818	-1.48629	0.043348	0.372384	-2.6854	0.056416	0.399209	-2.50496	0.00783306	0.23438	-4.26657
cg22673583	AADACL4	0.00699528	0.0173271	0.420961	-2.37552	0.0519543	0.516788	-1.93503	0.0725278	0.549814	-1.8188	0.0466852	0.506646	-1.97377	0.0137807	0.402974	-2.48155
cg09639094	AADAT;AADAT	0.00208794	0.085386	0.89443	-1.11803	0.0013072	1.31595	1.31595	0.00533853	0.806291	-1.24025	0.431681	0.954009	-1.04821	0.0102458	1.20909	1.20909
cg02602915	AADAT;AADAT	0.0166614	0.540535	0.934	-1.07066	0.106279	0.823344	-1.21456	0.589589	0.94175	-1.06185	0.202974	1.15964	1.15964	0.00427034	0.656197	-1.52393
cg06339629	AADAT;AADAT	0.0170302	0.000532031	0.342801	-2.91714	0.420686	0.849329	-1.1774	0.0684181	0.666981	-1.49929	0.176005	0.751558	-1.33057	0.393873	0.840825	-1.18931
cg07678449	AADAT;AADAT	0.0227257	0.148789	0.872301	-1.14639	0.156021	1.14328	1.14328	0.31609	1.09576	1.09576	0.0840422	0.844796	-1.18372	0.00682509	0.734041	-1.36232
cg12506971	AADAT;AADAT	0.0243797	0.294396	0.887879	-1.12628	0.00636631	1.47449	1.47449	0.677951	1.04672	1.04672	0.482498	1.08118	1.08118	0.420548	0.913945	-1.09416
cg24120085	AADAT;AADAT	0.04081	0.0696213	0.629401	-1.58881	0.0557284	0.609829	-1.6398	0.456465	0.841107	-1.18891	0.882409	0.966794	-1.03435	0.0690069	0.628609	-1.59081
cg00150882	AADAT;AADAT	0.0432849	0.121962	0.805506	-1.24146	0.0248648	0.708561	-1.41131	0.411514	0.897321	-1.11443	0.542936	0.923622	-1.08269	0.10668	0.79671	-1.25516
cg08247450	AADAT;AADAT;AADAT	0.0170059	0.799059	0.976934	-1.02361	0.443726	1.07405	1.07405	0.0287798	0.789851	-1.26606	0.599033	1.04974	1.04974	0.495932	1.06529	1.06529
cg14437562	AAGAB	3.33E-05	0.309098	1.18325	1.18325	0.000242195	0.37894	-2.63894	0.0660535	0.719205	-1.39042	0.00501536	0.552424	-1.8102	0.116106	0.761111	-1.31387
cg01604601	AAK1	0.000367698	0.201311	1.30396	1.30396	3.56E-05	4.80037	4.80037	0.00234154	2.30566	2.30566	0.185884	0.758923	-1.31766	0.043657	0.633723	-1.57798
cg24925546	AAK1	0.00459792	0.0331669	0.792044	-1.26256	0.368292	1.09037	1.09037	0.0190995	0.766777	-1.30416	0.521121	0.940929	-1.06278	0.886941	1.01341	1.01341
cg11223003	AAK1	0.00960034	0.000737119	0.0702545	-14.234	0.36947	1.56364	1.56364	0.518134	1.37316	1.37316	0.615483	1.27752	1.27752	0.59125	1.29983	1.29983
cg19289072	AAK1	0.0324789	0.342392	0.689981	-1.44932	0.337966	1.45458	1.45458	0.184741	1.70511	1.70511	0.904661	1.0465	1.0465	0.000967582	0.155151	-6.44533
cg17101703	AAK1	0.040473	0.470019	0.689219	-1.45092	0.704285	0.824397	-1.21301	0.390901	0.640703	-1.56079	0.480423	1.43798	1.43798	0.0460717	0.314244	-3.18224
cg21174435	AAK1	0.043553	0.737055	0.937614	-1.06654	0.825526	1.04311	1.04311	0.650242	1.09118	1.09118	0.00528871	0.49521	-2.01934	0.0295755	0.612816	-1.63181
cg10313637	AAK1;AAK1	0.00971105	0.161401	0.797291	-1.25425	0.315398	0.854497	-1.17028	0.470993	0.894871	-1.11748	0.692731	1.06201	1.06201	0.0471572	0.708888	-1.41066
cg03953874	AAK1;SNORA36C	0.00180311	0.0168018	1.3055	1.3055	0.32821	1.09659	1.09659	0.129359	1.1615	1.1615	0.465439	0.934384	-1.07022	0.00360762	0.697692	-1.4333
cg16473117	AAK1;SNORA36C	0.0181827	0.0631424	0.394094	-2.53747	0.00268364	0.157453	-6.3511	0.0062383	0.204301	-4.89473	0.930387	0.961821	-1.03969	0.0148981	0.263383	-3.79675
cg01851632	AAMP	0.0111523	0.00496918	0.144039	-6.94256	0.865322	1.09248	1.09248	0.0354254	0.279118	-3.58272	0.0763424	0.35795	-2.79369	0.0458315	0.303394	-3.29605
cg21613754	AAMP;PNKD;PNKD	0.00154241	0.00237683	0.236984	-4.2197	0.000667681	0.170408	-5.86825	0.0330758	0.42877	-2.33226	0.0148029	0.360937	-2.77056	0.817958	0.92464	-1.0815
cg14699839	AANAT	0.0304981	0.0180618	0.309326	-3.23283	0.533619	0.772916	-1.2938	0.0302678	0.353202	-2.83124	0.499644	0.755809	-1.32309	0.00145065	0.152615	-6.55244
cg16484912	AANAT;AANAT	0.0368829	0.524163	0.904702	-1.10534	0.136301	0.779548	-1.28279	0.00907903	0.597857	-1.67264	0.749101	1.05105	1.05105	0.0196995	0.645934	-1.54815
cg10399944	AANAT;AANAT;UBE2O	0.00215881	0.44403	0.901121	-1.10973	0.553121	1.08334	1.08334	0.0135102	1.50368	1.50368	0.0211065	1.44778	1.44778	0.995444	1.00076	1.00076
cg00912149	AANAT;AANAT;UBE2O	0.00748715	0.0181099	0.341724	-2.92634	0.00452536	0.242875	-4.11735	0.0311293	0.388144	-2.57636	0.260889	0.644897	-1.55064	0.0043744	0.240762	-4.15349
cg05322632	AARS	0.00493428	0.342936	0.843676	-1.18529	0.0509879	1.47217	1.47217	0.973211	1.00586	1.00586	0.193942	1.27012	1.27012	0.0979244	0.729153	-1.37145
cg00115567	AARS2	0.0039044	0.00247859	0.187422	-5.33557	0.0203169	0.328397	-3.04509	0.0741319	0.452861	-2.20818	0.00641884	0.243818	-4.10142	0.0197973	0.326264	-3.065
cg22760420	AARS2	0.00394847	0.250046	1.22545	1.22545	0.883866	0.975582	-1.02503	0.497437	0.890017	-1.12357	0.0105447	1.72325	1.72325	0.469214	0.882899	-1.13263
cg04228998	AARS2	0.00431357	0.693224	0.929992	-1.07528	0.016572	0.585237	-1.70871	0.00531731	0.510525	-1.95877	0.571057	0.900507	-1.11049	0.743539	0.941673	-1.06194
cg05920345	AARS2	0.00516533	0.0141003	0.245411	-4.07479	0.83844	0.909684	-1.09928	0.0381199	0.328096	-3.04788	0.219376	0.549439	-1.82004	0.00013039	0.0459401	-21.7675
cg01122755	AARS2	0.0143211	0.0156753	0.593711	-1.68432	0.398233	1.16444	1.16444	0.80675	1.04408	1.04408	0.00694593	0.540767	-1.84922	0.718634	0.938304	-1.06575
cg00910127	AARS2	0.0467585	0.0343338	0.26205	-3.81606	0.0480509	0.293497	-3.40719	0.410352	0.633356	-1.57889	0.955318	0.970061	-1.03086	0.0126079	0.185875	-5.37996
cg10131297	AARS2;TCTE1	0.0312908	0.938821	1.04071	1.04071	0.0401258	3.43085	3.43085	0.0190643	4.37112	4.37112	0.294165	1.76047	1.76047	0.0112795	0.192099	-5.20565
cg09029538	AARS;EXOSC6	1.66E-06	0.113408	1.25617	1.25617	0.00979763	0.648994	-1.54085	1.17E-05	0.292369	-3.42034	0.10861	0.793183	-1.26074	1.50E-06	0.199183	-5.02051
cg08750807	AARS;EXOSC6	0.0351205	0.353609	0.666165	-1.50113	0.224535	1.72118	1.72118	0.496594	1.34151	1.34151	0.0307976	2.94336	2.94336	0.269139	0.612735	-1.63203
cg06050065	AARSD1;AARSD1	5.20E-08	1.11E-06	0.369543	-2.70605	1.79E-07	0.283436	-3.52813	1.23E-06	0.374389	-2.67102	8.85E-07	0.358512	-2.78931	4.86E-06	0.440263	-2.27137
cg25104488	AARSD1;AARSD1	0.00633539	0.188399	0.798229	-1.25277	0.238729	1.22083	1.22083	0.164686	1.27087	1.27087	0.145465	0.776656	-1.28757	0.0781807	0.728748	-1.37222
cg16143763	AARSD1;AARSD1	0.00849271	0.825992	1.01859	1.01859	0.0674616	1.18699	1.18699	0.140549	1.14184	1.14184	0.980478	1.00205	1.00205	0.880749	0.987519	-1.01264
cg23649161	AARSD1;AARSD1;AARSD1;AARSD1;RUNDC1	0.0156307	0.000443755	0.190927	-5.2376	0.421413	0.782486	-1.27798	0.447823	0.793713	-1.2599	0.140371	0.622694	-1.60593	0.821544	1.0698	1.0698
cg04307927	AARSD1;AARSD1;AARSD1;RUNDC1;AARSD1	0.00773312	0.125201	0.371712	-2.69025	0.529954	0.684267	-1.46142	0.907225	1.07199	1.07199	0.73495	1.22461	1.22461	0.413393	0.607361	-1.64647
cg00016255	AARSD1;AARSD1;RUNDC1;AARSD1	0.00759213	0.00320304	0.19833	-5.04211	0.0144357	0.297549	-3.36079	0.0549892	0.416893	-2.3987	0.181252	0.565141	-1.76947	0.00383228	0.208611	-4.79361
cg05832119	AARSD1;AARSD1;RUNDC1;AARSD1;AARSD1;AARSD1;AARSD1	0.0334165	0.0371088	1.466	1.466	0.891371	0.978635	-1.02183	0.234788	0.821328	-1.21754	0.00379214	1.85382	1.85382	0.210389	1.23196	1.23196
cg21475003	AASDH	2.06E-05	0.75022	1.01842	1.01842	4.78E-05	1.54904	1.54904	1.96E-05	0.609773	-1.63995	5.13E-05	1.54235	1.54235	0.000202523	0.700343	-1.42787
cg11834140	AASDH	9.18E-05	0.0112375	0.459716	-2.17526	3.07E-06	0.028172	-35.4962	0.583365	1.13288	1.13288	7.61E-05	0.128435	-7.78603	0.00153392	0.306882	-3.25858
cg12283482	AASDH	0.0175872	0.0170849	0.282398	-3.5411	0.013983	0.26711	-3.74378	0.153111	0.514066	-1.94528	0.384417	0.678497	-1.47385	0.0131746	0.262701	-3.80661
cg04573661	AASDH	0.0277846	0.0533207	0.276201	-3.62055	0.0294841	0.22255	-4.49338	0.0865772	0.32971	-3.03297	0.258009	0.500671	-1.99732	0.0247654	0.208755	-4.7903
cg11420761	AASDHPPT	0.00080326	0.00141478	0.262556	-3.80872	0.0377309	2.00889	2.00889	0.477325	0.811281	-1.23262	0.062649	1.83382	1.83382	0.000150781	0.152106	-6.57435
cg19292625	AASDHPPT	0.00780431	0.00804464	0.200148	-4.9963	0.0311814	0.301753	-3.31397	0.207898	0.533034	-1.87605	0.258277	0.571831	-1.74877	0.00524284	0.174688	-5.72448
cg24931592	AASDHPPT;KBTBD3;KBTBD3	0.000299316	0.401221	0.95805	-1.04379	0.00189701	1.24548	1.24548	7.17E-06	1.63961	1.63961	0.735322	1.01707	1.01707	0.29614	0.947401	-1.05552
cg03238396	AASS	5.52E-06	0.150468	0.811298	-1.23259	0.0202189	1.46226	1.46226	0.00366211	0.586732	-1.70436	0.0632989	0.753233	-1.32761	1.70E-07	0.111661	-8.95569
cg11685489	AASS	0.00164055	0.936171	0.983195	-1.01709	0.0085205	0.491464	-2.03474	0.0577206	0.635047	-1.57469	0.767533	0.939203	-1.06473	0.284883	0.790535	-1.26497
cg13561372	AASS	0.00210132	0.00271956	0.282383	-3.54129	0.795345	1.08263	1.08263	0.0270563	0.449575	-2.22432	0.0980716	0.574494	-1.74066	0.00205635	0.265476	-3.76682
cg06081147	AASS	0.00365908	0.179118	0.755457	-1.3237	0.000790485	0.369152	-2.70891	0.13991	0.731912	-1.36628	0.00369227	0.462532	-2.16201	0.693038	0.925003	-1.08108
cg26798304	AASS	0.00697889	0.0131177	0.389925	-2.56459	0.0014827	0.245713	-4.06978	0.106414	0.582887	-1.7156	0.732209	0.900182	-1.11089	0.00425109	0.309948	-3.22634
cg22684968	AASS	0.0164384	0.0263509	0.695901	-1.43699	0.15945	1.22992	1.22992	0.00334074	1.73284	1.73284	0.265738	0.852455	-1.17308	0.170273	0.817884	-1.22267
cg25741731	AASS	0.0486537	0.109313	1.38144	1.38144	0.254205	0.802247	-1.2465	0.395239	1.17484	1.17484	0.118576	0.730844	-1.36828	0.518598	1.12875	1.12875
cg05443407	AATF	0.00545631	0.193965	0.824555	-1.21278	0.890774	0.980898	-1.01947	0.0134543	0.650819	-1.53653	0.411394	0.888782	-1.12514	0.000632624	0.478514	-2.0898
cg04703476	AATF	0.0158947	0.0249367	0.220386	-4.53749	0.00199082	0.0842222	-11.8734	0.00872235	0.150472	-6.64577	0.305301	0.547923	-1.82507	0.0119043	0.16881	-5.92382
cg06971602	AATF	0.0362145	0.0367385	0.605197	-1.65236	0.179577	0.744519	-1.34315	0.540026	0.879507	-1.137	0.0188256	0.554913	-1.80208	0.225986	1.30101	1.30101
cg02282317	AATF;AATF	0.00543327	0.00020647	0.184025	-5.43404	0.292733	0.760328	-1.31522	0.439896	0.821013	-1.21801	?	?	?	0.00769673	0.410566	-2.43566
cg03709925	AATK	0.00161075	0.00715791	3.63683	3.63683	0.00732391	3.61625	3.61625	0.220672	1.614	1.614	0.937779	1.02945	1.02945	0.0091863	3.42048	3.42048
cg11684549	AATK	0.00174972	0.00167315	0.395466	-2.52866	0.266173	0.787291	-1.27018	0.592727	0.894535	-1.1179	0.0255687	0.578343	-1.72908	0.000469234	0.321477	-3.11065
cg14312860	AATK	0.00230083	0.156074	0.866105	-1.1546	0.023551	1.292	1.292	0.000298806	0.572669	-1.74621	0.0634166	0.820583	-1.21865	0.57747	1.05476	1.05476
cg17279079	AATK	0.00611612	0.00204179	9.89125	9.89125	0.379408	1.60858	1.60858	0.238718	1.91649	1.91649	0.048646	3.27795	3.27795	0.00699039	6.29012	6.29012
cg16732654	AATK	0.0151872	0.172193	0.870696	-1.14851	0.612979	1.0498	1.0498	0.0500788	0.808256	-1.23723	0.652402	0.957716	-1.04415	0.0108438	0.73723	-1.35643
cg22497856	AATK	0.0180454	0.00954832	2.93425	2.93425	0.00507787	3.36942	3.36942	0.00776451	3.06832	3.06832	0.0362836	2.2218	2.2218	0.0454753	2.12187	2.12187
cg09591867	AATK	0.0258456	0.0190266	20.3158	20.3158	0.0734297	8.30874	8.30874	0.691003	0.654546	-1.52778	0.0912395	7.19288	7.19288	0.0309497	14.6913	14.6913
cg11190498	AATK	0.026723	0.11062	0.523611	-1.90981	0.00516942	3.95114	3.95114	0.0748648	2.09251	2.09251	0.758111	1.12183	1.12183	0.233293	0.62807	-1.59218
cg13618516	AATK	0.0274859	0.146942	0.589653	-1.69591	0.0905047	1.88312	1.88312	0.302429	0.695923	-1.43694	0.05155	0.471412	-2.12129	0.00332217	0.257518	-3.88322
cg21105924	AATK	0.0311316	0.61605	1.09523	1.09523	0.258676	1.23618	1.23618	0.0722686	1.43462	1.43462	0.00378387	0.495159	-2.01955	0.388207	0.852904	-1.17246
cg17737776	AATK	0.0320589	0.171362	0.71758	-1.39357	0.0700933	0.630354	-1.58641	0.0116511	0.487496	-2.0513	0.409308	0.825056	-1.21204	0.606569	1.12567	1.12567
cg26729913	AATK	0.0351571	0.265149	1.47105	1.47105	0.00161809	4.49077	4.49077	0.0120989	2.82862	2.82862	0.123563	1.74091	1.74091	0.371006	1.35705	1.35705
cg26783127	AATK	0.0383883	0.00703858	0.553794	-1.80573	0.169527	1.28175	1.28175	0.0199518	0.620976	-1.61037	0.188776	0.789637	-1.2664	0.0622352	0.700432	-1.42769
ch.17.2196713F	AATK	0.0449493	0.0105436	0.382048	-2.61747	0.212761	0.675415	-1.48057	0.0755146	0.553402	-1.80701	0.004874	0.327575	-3.05274	0.0757961	0.553787	-1.80575
cg23334433	AATK	0.0479367	0.0911542	1.48429	1.48429	0.627373	1.10941	1.10941	0.029563	1.72252	1.72252	0.256431	0.777688	-1.28586	0.946675	1.0143	1.0143
cg06228737	ABAT	0.0199853	0.030223	0.178415	-5.6049	0.0609614	0.239654	-4.17268	0.0576258	0.234051	-4.27258	0.187649	0.388868	-2.57157	0.0190691	0.146701	-6.81658
cg16704802	ABAT	0.0313597	0.123912	0.606694	-1.64828	0.00964739	0.374405	-2.67091	0.936064	0.976225	-1.02435	0.0186935	0.42537	-2.35089	?	?	?
cg03718620	ABAT	0.041108	0.0894391	0.609222	-1.64144	0.00721969	0.399513	-2.50305	0.252751	0.728957	-1.37182	0.652797	1.12732	1.12732	0.0135197	0.445316	-2.24559
cg00231389	ABAT;ABAT	0.00265011	0.280374	0.850593	-1.17565	0.00556007	1.69094	1.69094	0.000588394	2.15069	2.15069	0.23015	1.19909	1.19909	0.0697567	0.746417	-1.33973
cg07336964	ABAT;ABAT	0.00545651	0.00490374	0.338163	-2.95715	0.125744	1.61911	1.61911	0.288819	0.72597	-1.37747	0.0417826	1.97877	1.97877	0.000609284	0.215219	-4.64642
cg07740911	ABAT;ABAT	0.00798944	0.356193	1.42405	1.42405	0.928701	1.0339	1.0339	0.573876	0.809242	-1.23572	0.353548	1.42699	1.42699	0.747906	1.12763	1.12763
cg26778345	ABAT;ABAT	0.0134269	0.36304	0.859242	-1.16382	0.000583034	2.37013	2.37013	0.467198	1.12756	1.12756	0.284878	1.19754	1.19754	0.583863	0.914144	-1.09392
cg00220102	ABAT;ABAT	0.0296519	0.529965	1.17028	1.17028	0.723041	1.09192	1.09192	0.0700924	1.64949	1.64949	0.168425	1.43723	1.43723	0.875839	1.0394	1.0394
cg08414528	ABAT;ABAT;ABAT	6.97E-05	0.243267	0.86561	-1.15526	0.0350803	0.748105	-1.33671	9.20E-05	0.438021	-2.28299	0.00454882	1.56318	1.56318	0.0208257	0.719781	-1.38931
cg26662674	ABAT;ABAT;ABAT	0.00197199	0.200159	0.797619	-1.25373	0.311907	0.839629	-1.191	0.00455349	0.531858	-1.8802	0.835246	0.965801	-1.03541	0.00302245	0.50704	-1.97223
cg03441945	ABAT;ABAT;ABAT	0.00331508	0.0112681	0.376632	-2.65511	0.00125449	0.234751	-4.25983	0.236192	0.682616	-1.46495	0.131502	0.606025	-1.6501	0.00354812	0.296538	-3.37225
cg08877512	ABAT;ABAT;ABAT	0.0227147	0.0170985	0.22499	-4.44465	0.00628422	0.160918	-6.21433	0.024633	0.253249	-3.94868	0.242524	0.533826	-1.87327	0.00849021	0.178334	-5.60745
cg09410453	ABAT;ABAT;ABAT	0.0289576	0.0271331	0.140262	-7.12949	0.0340607	0.15604	-6.40863	0.0220906	0.127306	-7.8551	0.0786528	0.230674	-4.33512	0.00634058	0.0693338	-14.423
cg10292855	ABAT;ABAT;ABAT	0.0310262	0.620268	1.12911	1.12911	0.0282039	1.87763	1.87763	0.00307431	2.67855	2.67855	0.0552815	1.69592	1.69592	0.334191	1.27399	1.27399
cg14564724	ABCA1	0.000369372	0.338672	0.885653	-1.12911	0.286692	0.872654	-1.14593	0.130467	0.817842	-1.22273	0.219261	1.17242	1.17242	0.00023242	0.471431	-2.1212
cg14063654	ABCA1	0.00218853	0.561183	0.867594	-1.15261	0.841148	0.952648	-1.04971	0.287299	0.765613	-1.30614	0.264423	0.754889	-1.3247	6.05E-05	0.166795	-5.99539
cg14630985	ABCA1	0.0193164	0.993238	0.998938	-1.00106	0.197771	1.1862	1.1862	0.00558528	1.57853	1.57853	0.914658	1.01354	1.01354	0.529352	0.923182	-1.08321
cg13430450	ABCA1	0.0233604	0.0539552	0.294071	-3.40054	0.00342252	0.10808	-9.25239	0.00713763	0.143157	-6.98534	0.154304	0.426106	-2.34683	0.0128037	0.177338	-5.63896
cg20211653	ABCA1	0.0237258	0.0189356	0.571166	-1.75081	0.309945	1.23006	1.23006	0.38881	1.19012	1.19012	0.85409	0.96437	-1.03695	0.0401393	0.626655	-1.59578
cg14313833	ABCA1	0.0257281	0.132242	1.65325	1.65325	0.0997423	1.74764	1.74764	0.077241	0.544479	-1.83662	0.84353	0.940676	-1.06306	0.00954689	0.362106	-2.76162
cg14170545	ABCA1	0.0389653	0.0158781	0.243868	-4.10057	0.025286	0.280659	-3.56304	0.639685	1.25263	1.25263	0.877097	1.07673	1.07673	0.0702254	0.380282	-2.62963
cg13571501	ABCA1	0.0427529	0.127193	1.45493	1.45493	0.342037	1.24924	1.24924	0.54272	1.15034	1.15034	0.0222591	1.86416	1.86416	0.163389	1.40234	1.40234
cg13849142	ABCA10	0.0263585	0.831822	0.971877	-1.02894	0.5102	0.914298	-1.09374	0.0410855	0.728946	-1.37184	0.079247	0.770012	-1.29868	0.316982	0.870439	-1.14885
cg14069205	ABCA10;ABCA5;ABCA5	0.0121701	0.115398	1.73843	1.73843	0.00205406	0.245845	-4.06761	0.00215982	0.248773	-4.01972	0.61511	1.17796	1.17796	0.206444	0.650168	-1.53806
cg16937333	ABCA11P;ZNF721	0.000196432	0.103653	0.658158	-1.51939	0.249563	0.753633	-1.32691	0.0800764	0.633536	-1.57844	0.0782926	1.58368	1.58368	0.0353672	1.77875	1.77875
cg26534460	ABCA12;ABCA12	0.0183179	0.0041175	0.238169	-4.19869	0.00408096	0.237622	-4.20837	0.0876665	0.495154	-2.01958	0.0502961	0.435187	-2.29786	0.0118171	0.309713	-3.22879
cg04530015	ABCA12;ABCA12	0.0326686	0.132265	0.430023	-2.32545	0.0750598	2.80063	2.80063	0.597782	1.31864	1.31864	0.67488	0.80319	-1.24504	0.00302447	0.121068	-8.25982
cg26843807	ABCA12;ABCA12	0.0489004	0.705726	0.875983	-1.14157	0.993585	1.00281	1.00281	0.141084	0.575515	-1.73757	0.67835	0.864535	-1.15669	0.194684	0.61951	-1.61418
cg15382258	ABCA13	0.00535741	0.052921	0.751375	-1.33089	0.0037416	1.66309	1.66309	0.00256601	1.72178	1.72178	0.0501489	1.33668	1.33668	0.605356	0.934511	-1.07008
cg03372042	ABCA13	0.0244195	0.19742	0.406342	-2.46098	0.324782	0.510645	-1.95831	0.17318	0.383675	-2.60637	0.39244	1.78438	1.78438	0.053756	0.235149	-4.25262
cg04077417	ABCA13	0.0482426	0.673254	0.903463	-1.10685	0.0135809	2.07712	2.07712	0.711316	1.09306	1.09306	0.102148	0.651685	-1.53448	0.118654	0.666678	-1.49997
cg02847766	ABCA17P	0.0376551	0.0238784	0.202388	-4.941	0.0126145	0.15913	-6.28417	0.0871391	0.326454	-3.06322	0.315159	0.540352	-1.85065	0.0642556	0.291648	-3.42879
cg02331561	ABCA17P;ABCA3	6.48E-05	0.00456	0.478245	-2.09098	0.146299	0.737497	-1.35594	0.0558073	1.52668	1.52668	0.640704	0.912306	-1.09612	2.51E-06	0.108084	-9.25205
cg07797907	ABCA17P;ABCA3	0.000511406	0.467286	1.08358	1.08358	0.00490349	0.667263	-1.49866	7.49E-05	2.18217	2.18217	0.344469	1.11146	1.11146	0.213491	1.15277	1.15277
cg12878183	ABCA17P;ABCA3	0.00474978	0.438893	0.911101	-1.09757	0.0068143	1.51192	1.51192	0.00121527	1.74793	1.74793	0.412732	1.10379	1.10379	0.0818941	0.796652	-1.25525
cg00795900	ABCA17P;ABCA3	0.0441059	0.0152298	0.0915447	-10.9236	0.967903	0.968237	-1.0328	0.446265	1.86412	1.86412	0.406824	1.97527	1.97527	0.00488787	0.0501735	-19.9308
cg14341551	ABCA2;ABCA2	0.000201857	0.672692	1.06766	1.06766	0.000191572	0.379799	-2.63297	0.00256581	0.525037	-1.90463	0.0116625	0.615279	-1.62528	6.45E-05	0.322571	-3.10009
cg14485901	ABCA2;ABCA2	0.00428044	0.00169437	0.376762	-2.6542	0.054626	1.60724	1.60724	0.0268736	0.565183	-1.76934	0.00431993	0.435898	-2.29411	0.0167744	0.529769	-1.88761
cg21157707	ABCA2;ABCA2	0.00825405	0.220296	0.744654	-1.34291	0.0056314	2.29636	2.29636	0.00227366	2.65543	2.65543	0.75817	1.07321	1.07321	0.39976	1.218	1.218
cg01229519	ABCA2;ABCA2	0.0159139	0.428139	1.12552	1.12552	0.0216196	0.668212	-1.49653	0.174092	0.809499	-1.23533	0.00696952	1.66559	1.66559	0.591119	1.08249	1.08249
cg27558876	ABCA2;ABCA2	0.0201829	0.18553	0.804847	-1.24247	0.053452	0.712316	-1.40387	0.514032	0.902722	-1.10776	0.843722	0.969938	-1.03099	0.00627785	0.576596	-1.73432
cg13795883	ABCA2;ABCA2	0.0205318	0.4468	1.11155	1.11155	0.0649914	1.32657	1.32657	0.101971	0.783389	-1.2765	0.718131	0.951766	-1.05068	0.911552	1.01527	1.01527
cg20850800	ABCA2;ABCA2	0.025941	0.652441	1.07144	1.07144	0.0169998	1.55729	1.55729	0.0432629	1.42453	1.42453	0.0270545	1.48937	1.48937	0.626807	1.07743	1.07743
cg05775779	ABCA2;ABCA2	0.0287488	0.719039	1.095	1.095	0.236851	1.36528	1.36528	0.935768	1.02046	1.02046	0.67595	0.899775	-1.11139	0.456575	0.826558	-1.20984

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05341575	0.0173925	2.36076	2.36076	0.0329605	2.09553	2.09553	0.0148593	2.4321	2.4321	0.0316905	2.11081	2.11081	5.00597	6.97577	1.23866	1
cg14519501	0.501803	1.14964	1.14964	0.20679	1.31306	1.31306	0.660695	1.09456	1.09456	0.0286446	1.69571	1.69571	4.64024	3.07514	0.589076	1
cg20959480	0.0886676	1.38071	1.38071	0.00062989	2.46595	2.46595	0.214822	1.25144	1.25144	0.337192	0.843695	-1.18526	4.22444	1.97414	0.41539	1
cg06758781	0.467526	0.866355	-1.15426	0.00169718	2.38712	2.38712	0.610476	1.10484	1.10484	0.490285	1.14567	1.14567	4.18737	2.49757	0.530181	1
cg02473376	0.415475	0.893027	-1.11979	0.00544869	1.64376	1.64376	0.213937	0.837047	-1.19468	0.254182	0.850568	-1.17569	4.15101	1.21476	0.260126	1
cg03013422	0.757364	0.920402	-1.08648	0.0159672	0.453995	-2.20267	0.881627	1.04069	1.04069	0.902608	1.03331	1.03331	4.14777	4.70614	1.00855	1
cg20999795	0.881282	1.03317	1.03317	0.0915544	1.50032	1.50032	0.642522	0.902968	-1.10746	0.277651	0.78152	-1.27956	3.80374	2.87223	0.671206	1
cg06987292	0.107011	0.687062	-1.45547	0.101719	0.682376	-1.46547	0.0194137	0.54724	-1.82735	0.0436328	0.609682	-1.6402	3.54466	2.55457	0.640605	1
cg19405302	0.687019	1.05801	1.05801	0.000131235	2.51964	2.51964	0.14974	1.23988	1.23988	0.537219	0.916689	-1.09088	7.11232	2.1835	0.272891	1
cg00261325	0.0105188	0.259091	-3.85965	0.000623627	0.109935	-9.09626	0.139982	0.513652	-1.94684	0.829952	0.913719	-1.09443	15.4003	42.9308	2.47793	1
cg01834305	0.175413	0.639151	-1.56458	0.00308542	0.284187	-3.51882	0.285755	0.708647	-1.41114	0.0350283	0.466267	-2.14469	10.9039	16.6646	1.35851	1
cg04196933	0.00429582	7.43534	7.43534	0.000409002	19.0894	19.0894	0.000634519	15.7578	15.7578	0.00226527	9.43159	9.43159	9.24755	40.4234	3.88556	1
cg21473545	0.048107	0.459327	-2.1771	0.00596899	0.289993	-3.44836	0.813286	0.921747	-1.0849	0.0604786	0.482375	-2.07308	5.06348	9.51153	1.66974	1
cg05564657	0.0398503	0.580283	-1.7233	0.101687	0.663369	-1.50746	0.643091	0.898627	-1.11281	0.00558688	0.434491	-2.30154	7.47975	6.21549	0.738646	1
cg25159668	0.0718997	0.682844	-1.46446	0.304367	0.817119	-1.22381	0.242119	1.26169	1.26169	0.000386895	0.341348	-2.92956	8.19088	4.67685	0.50754	1
cg26433816	0.457537	0.910993	-1.0977	0.84328	0.975905	-1.02469	0.564462	0.930736	-1.07442	0.0907637	0.79485	-1.2581	8.33406	2.00404	0.213746	1
cg15092772	0.0203315	0.438971	-2.27805	0.0301021	0.471979	-2.11874	0.309193	0.733601	-1.36314	0.0283743	0.466876	-2.14189	6.33931	8.69961	1.21985	1
cg19620994	0.0339025	0.377452	-2.64934	0.00736323	0.256967	-3.89156	0.0180598	0.323071	-3.09529	0.0654228	0.443267	-2.25597	6.02664	14.7733	2.17896	1
cg22803477	0.565957	0.849326	-1.1774	0.0136372	0.423676	-2.3603	0.158008	1.52933	1.52933	0.637893	0.875093	-1.14274	4.49219	5.63588	1.1152	1
cg04505750	0.0159381	0.285163	-3.50677	0.00356447	0.186646	-5.35774	0.0718167	0.425529	-2.35002	0.108313	0.474866	-2.10586	4.32832	12.3883	2.54414	1
cg22673583	0.281398	0.715903	-1.39684	0.0424091	0.497702	-2.00923	0.0020266	3.66705	3.66705	0.143065	0.625096	-1.59975	6.61651	9.33885	1.25462	1
cg09639094	0.928134	0.994722	-1.00531	0.404019	0.951139	-1.05137	0.0106401	0.828263	-1.20735	0.00841244	1.2183	1.2183	9.52166	0.519044	0.0484551	1
cg02602915	0.334101	1.11604	1.11604	0.389682	0.907427	-1.10202	0.384785	0.906468	-1.10318	0.00357688	1.54476	1.54476	5.00301	0.962295	0.170972	1
cg06339629	0.93427	1.01651	1.01651	0.0156562	0.555341	-1.8007	0.291403	1.24276	1.24276	0.584033	0.896049	-1.11601	4.96653	3.09982	0.554793	1
cg07678449	0.00320915	0.701259	-1.42601	0.981989	0.99801	-1.00199	0.172848	0.879866	-1.13654	0.43203	0.931696	-1.07331	4.50343	0.555198	0.109585	1
cg12506971	0.812024	0.974285	-1.02639	0.00432235	0.65894	-1.51759	0.310058	0.89149	-1.12172	0.134124	1.19322	1.19322	4.39542	0.832403	0.168337	1
cg24120085	0.371205	0.810998	-1.23305	0.00934564	2.12146	2.12146	0.844168	1.04592	1.04592	0.048116	0.59727	-1.67428	3.65601	3.01416	0.732837	1
cg00150882	0.167746	0.827208	-1.20889	0.00947333	1.52831	1.52831	0.121226	0.805105	-1.24207	0.748936	1.0423	1.0423	3.57705	0.943048	0.234345	1
cg08247450	0.001195	1.54405	1.54405	0.155769	0.870283	-1.14905	0.0331192	1.25595	1.25595	0.991102	1.00102	1.00102	4.9689	0.658625	0.117822	1
cg14437562	7.01E-05	0.313452	-3.19028	6.94E-07	0.116048	-8.61714	0.145629	0.778998	-1.2837	0.0114955	0.603288	-1.65758	29.6384	11.994	0.359713	1
cg01604601	0.0278157	1.66755	1.66755	0.00352941	2.17695	2.17695	0.000950597	2.63471	2.63471	0.139319	0.731316	-1.3674	15.5568	9.53027	0.544543	1
cg24925546	0.000434545	0.594074	-1.68329	0.256139	1.11737	1.11737	0.980119	1.00234	1.00234	0.00840934	1.37042	1.37042	7.52836	1.04509	0.123395	1
cg11223003	0.43194	0.677999	-1.47493	0.00190368	0.105366	-9.49077	0.725895	0.843564	-1.18545	0.653295	1.24435	1.24435	6.81495	24.6514	2.81342	1
cg19289072	0.620492	1.20846	1.20846	0.458821	1.33129	1.33129	0.366513	0.703329	-1.42181	0.239677	0.62684	-1.5953	3.97268	9.05444	2.02593	1
cg17101703	0.189934	2.01989	2.01989	0.00399761	0.140987	-7.09287	0.145331	0.45299	-2.20755	0.0238819	0.255361	-3.91602	3.66721	14.8947	3.61031	1
cg21174435	0.0145172	0.562362	-1.77821	0.270719	1.24509	1.24509	0.588975	0.900974	-1.10991	0.854513	0.965521	-1.03571	3.56883	2.06543	0.514436	1
cg10313637	0.706604	0.94433	-1.05895	0.000241064	0.398451	-2.50972	0.111759	1.29998	1.29998	0.411304	1.13571	1.13571	5.96625	2.16803	0.323007	1
cg03953874	0.241485	1.11853	1.11853	0.000380427	1.67953	1.67953	0.673408	1.03949	1.03949	0.00436269	0.706153	-1.41612	9.93681	1.31365	0.117511	1
cg16473117	0.199407	0.546593	-1.82951	0.0280582	0.314759	-3.17704	0.564867	1.29596	1.29596	0.147924	0.500789	-1.99685	4.8586	15.2736	2.79433	1
cg01851632	0.0987643	0.389387	-2.56814	0.000502448	0.0587335	-17.0261	0.6477	0.786847	-1.27089	0.123995	0.419811	-2.38203	5.70717	24.5391	3.82196	1
cg21613754	0.238687	0.657458	-1.52101	0.000282214	0.133079	-7.51434	0.429288	1.31548	1.31548	0.00220005	0.232513	-4.30083	10.3958	19.0144	1.62583	1
cg14699839	0.642566	0.826167	-1.21041	0.0417521	0.383311	-2.60885	0.167346	0.548066	-1.8246	0.11388	0.495223	-2.01929	4.06298	10.7414	2.34999	1
cg16484912	0.273706	1.19331	1.19331	0.0684254	1.37235	1.37235	0.608525	1.08345	1.08345	0.100658	0.75654	-1.32181	3.79424	1.4466	0.338898	1
cg10399944	0.149667	1.22887	1.22887	0.000575527	0.491192	-2.03587	0.00114263	1.89299	1.89299	0.0640752	1.32002	1.32002	9.42927	2.65855	0.250619	1
cg00912149	0.0254103	0.370143	-2.70166	0.00101839	0.161599	-6.18814	0.019373	0.347228	-2.87995	0.0328443	0.39303	-2.54433	6.47749	14.3576	1.97026	1
cg05322632	0.634289	0.920006	-1.08695	0.000273824	0.354463	-2.82117	0.542922	0.898398	-1.11309	0.00444024	0.516631	-1.93562	7.36829	3.53226	0.426122	1
cg00115567	0.0014598	0.160478	-6.23137	0.000918877	0.139269	-7.18033	0.110153	0.500034	-1.99986	0.00758221	0.25485	-3.92387	7.90992	19.8497	2.23064	1
cg22760420	0.00284958	0.499291	-2.00284	0.0055843	0.540334	-1.85071	0.00668647	1.81313	1.81313	0.0557566	1.4428	1.4428	7.88323	3.5717	0.402734	1
cg04228998	0.000112602	0.288795	-3.46266	0.035837	0.639529	-1.56365	0.820957	1.04237	1.04237	0.113277	0.729437	-1.37092	7.67551	4.07357	0.471754	1
cg05920345	0.124012	0.461936	-2.1648	0.00458818	0.17384	-5.75242	0.190321	0.525675	-1.90232	0.314716	0.617517	-1.61939	7.26601	24.7397	3.02654	1
cg01122755	0.397039	0.858436	-1.16491	0.000985021	0.422271	-2.36815	0.101352	0.729247	-1.37128	0.15701	0.766131	-1.30526	5.26049	2.58111	0.436143	1
cg00910127	0.10453	0.381913	-2.6184	0.0128561	0.187147	-5.3434	0.0241431	0.232556	-4.30003	0.11012	0.388811	-2.57195	3.47515	16.1975	4.14306	1
cg10131297	0.132564	2.32479	2.32479	0.145493	0.443769	-2.25342	0.45093	1.49073	1.49073	0.230847	1.92196	1.92196	4.026	17.2282	3.80377	1
cg09029538	3.06E-06	0.23002	-4.34744	3.26E-07	0.139926	-7.14661	0.262441	1.1673	1.1673	1.21E-05	0.294248	-3.39849	64.4048	17.8788	0.246757	1
cg08750807	0.0577416	0.401223	-2.49238	0.0387284	0.36102	-2.76993	0.0222129	3.21137	3.21137	0.390755	0.687778	-1.45396	3.86232	11.0813	2.55028	1
cg06050065	2.02E-08	0.189114	-5.28782	1.67E-08	0.181621	-5.50596	3.93E-06	0.430143	-2.32481	7.19E-08	0.24249	-4.12389	155.247	15.1799	0.0869149	1
cg25104488	0.0325673	0.667308	-1.49856	0.00028076	0.382748	-2.61269	0.326723	0.848978	-1.17789	0.115922	1.31825	1.31825	6.82342	2.82564	0.368097	1
cg16143763	0.375753	0.926765	-1.07902	0.0267221	0.802812	-1.24562	0.00111219	1.49468	1.49468	0.00476242	1.36831	1.36831	6.22571	0.690216	0.0985471	1
cg23649161	0.0436326	1.99921	1.99921	0.252608	0.699859	-1.42886	0.56467	0.840401	-1.18991	0.17714	0.65155	-1.5348	5.11049	7.2189	1.25561	1
cg04307927	?	?	?	0.000141653	0.0199481	-50.1302	0.305332	1.88314	1.88314	0.989607	0.992263	-1.0078	6.54411	32.7589	5.00585	1
cg00016255	0.0443033	0.394999	-2.53166	0.00136814	0.154465	-6.47397	0.0434643	0.393117	-2.54377	0.0117009	0.281798	-3.54864	6.44928	16.5132	2.27597	1
cg05832119	0.119433	1.30613	1.30613	0.542253	1.10241	1.10241	0.0104446	1.66452	1.66452	0.36307	1.15922	1.15922	3.93228	1.5558	0.351687	1
cg21475003	0.00536944	1.23309	1.23309	0.0157489	0.844412	-1.18426	0.200903	1.08026	1.08026	0.19176	0.92406	-1.08218	33.6186	1.73908	0.0459819	1
cg11834140	0.65567	0.903965	-1.10624	0.00197298	0.324895	-3.07792	0.982111	0.99498	-1.00504	0.561843	1.1413	1.1413	42.9711	32.65	0.506543	1
cg12283482	0.0088353	0.234626	-4.26209	0.00555745	0.205085	-4.87604	0.0122943	0.257656	-3.88115	0.0944397	0.44952	-2.22459	4.91327	14.7198	2.66306	1
cg04573661	0.0344432	0.235561	-4.24518	0.00666032	0.126991	-7.87456	0.00494947	0.112895	-8.85781	0.141086	0.395436	-2.52886	4.19918	22.8476	4.83641	1
cg11420761	0.546272	1.19333	1.19333	0.00150006	0.265929	-3.7604	0.328082	1.33938	1.33938	0.0185876	0.437783	-2.28424	12.5178	16.6111	1.17956	1
cg19292625	0.0133184	0.233876	-4.27577	0.00131402	0.109091	-9.16664	0.00316559	0.148018	-6.75593	0.126117	0.456507	-2.19055	6.39374	22.7341	3.16061	1
cg24931592	0.0256417	0.876144	-1.14136	0.997424	0.999839	-1.00016	0.1284	0.921298	-1.08543	0.544116	1.0311	1.0311	16.4604	0.648552	0.0350228	1
cg03238396	0.227167	0.841953	-1.18771	2.59E-06	0.21451	-4.6618	0.768066	1.04094	1.04094	0.00406794	0.592581	-1.68753	47.3024	13.7923	0.25918	1
cg11685489	0.225811	0.764038	-1.30883	3.06E-05	0.178443	-5.60404	0.118068	1.43202	1.43202	0.0350037	0.594634	-1.68171	10.2123	7.24149	0.630304	1
cg13561372	0.443661	0.787771	-1.2694	0.010819	0.37618	-2.6583	0.00107496	4.37239	4.37239	0.303913	0.722361	-1.38435	9.50391	14.043	1.31342	1
cg06081147	0.695705	1.0803	1.0803	0.00244091	0.436604	-2.2904	0.744119	1.06647	1.06647	0.00154282	0.408606	-2.44735	8.06567	4.93236	0.543578	1
cg26798304	0.0562193	0.515829	-1.93863	0.0944813	0.569643	-1.75549	0.00454864	0.314403	-3.18063	0.00384931	0.303486	-3.29505	6.62135	9.82916	1.31952	1
cg22684968	0.0295065	0.70271	-1.42306	0.118509	0.791941	-1.26272	0.202673	0.830997	-1.20337	0.936036	0.989013	-1.01111	5.02555	1.50804	0.266734	1
cg25741731	0.00516169	0.504886	-1.98065	0.233595	1.26	1.26	0.950721	1.0115	1.0115	0.106293	0.72151	-1.38598	3.42341	1.85692	0.48215	1
cg05443407	0.674315	0.942398	-1.06112	0.0114463	1.5592	1.5592	0.935849	1.01136	1.01136	0.00781101	0.619207	-1.61497	7.14503	2.22969	0.277388	1
cg04703476	0.0278147	0.2291	-4.36491	0.0293714	0.233562	-4.28152	0.0364458	0.252064	-3.96725	0.184406	0.450257	-2.22095	5.08214	25.8544	4.52206	1
cg06971602	0.054594	0.636813	-1.57032	0.386501	0.832166	-1.20168	0.260921	1.27464	1.27464	0.0375024	1.64798	1.64798	3.81958	2.59117	0.603014	1
cg02282317	0.00824295	0.415726	-2.40543	0.156965	0.682633	-1.46492	0.0636888	0.588594	-1.69896	0.0393332	0.543908	-1.83855	8.4383	7.24603	0.751369	1
cg03709925	0.0199237	2.84239	2.84239	4.27E-05	18.0272	18.0272	0.00777198	3.56362	3.56362	0.144438	1.79116	1.79116	10.2666	22.4759	1.94598	1
cg11684549	0.000375193	0.309143	-3.23475	0.0152904	0.540796	-1.84912	0.148685	1.37676	1.37676	0.0624389	0.648644	-1.54168	10.0238	6.76445	0.599858	1
cg14312860	0.00182981	1.52113	1.52113	0.232343	1.12598	1.12598	0.525241	0.940837	-1.06288	0.974354	0.996959	-1.00305	9.25501	1.31541	0.126338	1
cg17279079	0.0272919	3.96258	3.96258	0.00357257	8.00966	8.00966	0.00174656	10.5099	10.5099	0.00945871	5.66095	5.66095	6.8982	30.3606	3.91222	1
cg16732654	0.0179506	1.31525	1.31525	0.946141	0.993583	-1.00646	0.732457	1.03324	1.03324	0.00309859	0.680024	-1.47054	5.15949	0.741915	0.127819	1
cg22497856	0.0176075	2.57831	2.57831	0.181605	1.59208	1.59208	0.0156004	2.64431	2.64431	0.319695	1.40106	1.40106	4.871	8.29698	1.51408	1
cg09591867	0.157965	4.95953	4.95953	0.00230374	91.6572	91.6572	0.0422596	11.9609	11.9609	0.0430865	11.8092	11.8092	4.30702	76.7542	15.8406	1
cg11190498	0.612359	0.826818	-1.20946	0.0418421	0.417704	-2.39404	0.389608	1.38835	1.38835	0.0841719	0.491108	-2.03621	4.25703	9.33852	1.94993	1
cg13618516	0.657887	1.16327	1.16327	0.863094	1.06032	1.06032	0.726031	0.887468	-1.1268	0.0146788	0.360807	-2.77157	4.21518	7.6876	1.62115	1
cg21105924	0.0562879	0.677817	-1.47533	0.0415721	0.655251	-1.52613	0.868343	0.970593	-1.0303	0.245989	0.803891	-1.24395	4.03333	2.06764	0.455679	1
cg17737776	0.341958	0.800007	-1.24999	0.00672553	2.22744	2.22744	0.43874	1.19719	1.19719	0.628363	0.894804	-1.11756	3.99125	3.28271	0.731091	1
cg26729913	0.64818	1.16497	1.16497	0.262122	1.47498	1.47498	0.0349427	2.26342	2.26342	0.107573	1.79267	1.79267	3.86087	6.75502	1.55521	1
cg26783127	0.662759	0.928268	-1.07728	0.536433	1.11203	1.11203	0.620443	1.08837	1.08837	0.0634476	0.701859	-1.42479	3.7392	1.70397	0.405072	1
ch.17.2196713F	0.15824	0.636932	-1.57003	0.0220038	0.439771	-2.27391	0.532078	0.827569	-1.20836	0.354982	0.752353	-1.32916	3.52701	4.99532	1.25894	1
cg23334433	0.755779	1.06847	1.06847	0.0149131	1.88792	1.88792	0.522289	0.871409	-1.14757	0.0361395	0.596179	-1.67735	3.44269	2.45645	0.634247	1
cg06228737	0.0445233	0.210015	-4.76156	0.00211755	0.0537974	-18.5883	0.162978	0.365193	-2.73828	0.00621312	0.0895367	-11.1686	4.70574	34.1005	6.4414	1
cg16704802	0.690761	0.886984	-1.12742	0.0418876	2.02042	2.02042	0.41388	1.28469	1.28469	0.162907	0.639723	-1.56318	4.08984	5.17905	1.26632	1
cg03718620	0.315493	0.759826	-1.31609	0.0685005	1.7155	1.7155	0.623688	0.877335	-1.13982	0.381437	0.788541	-1.26816	3.64619	4.04442	0.985972	1
cg00231389	0.264347	0.845541	-1.18267	0.00366848	0.567492	-1.76214	0.726077	0.950539	-1.05203	0.120804	1.2746	1.2746	8.87815	2.92435	0.292788	1
cg07336964	0.0668417	0.550146	-1.8177	0.220901	0.687785	-1.45394	0.0462488	0.51472	-1.9428	0.73597	0.906258	-1.10344	7.14494	9.57206	1.19084	1
cg07740911	0.777196	1.11146	1.11146	0.000107792	0.0786123	-12.7207	0.996755	1.00152	1.00152	0.565095	1.24189	1.24189	6.34679	13.9476	1.95341	1
cg26778345	0.468019	1.1273	1.1273	0.0195354	0.632553	-1.58089	0.25147	1.21462	1.21462	0.44748	0.881933	-1.13387	5.37306	2.24104	0.370745	1
cg00220102	0.644652	0.891568	-1.12162	0.00099743	0.298775	-3.347	0.526282	0.853262	-1.17197	0.906803	0.971471	-1.02937	4.10379	3.96969	0.859842	1
cg08414528	0.0407823	0.756433	-1.32199	3.28E-06	0.272551	-3.66904	0.513191	1.08154	1.08154	0.0888598	1.24835	1.24835	24.3778	5.39413	0.196686	1
cg26662674	0.0818003	0.724521	-1.38022	0.000249797	0.364322	-2.74483	0.0255084	1.55815	1.55815	0.0938889	1.36042	1.36042	9.68159	4.28093	0.393042	1
cg03441945	0.00705278	0.342577	-2.91906	0.000368684	0.173074	-5.77786	0.0208676	0.425149	-2.35212	0.0402411	0.482389	-2.07301	8.30748	12.4497	1.3321	1
cg08877512	0.0353704	0.284395	-3.51624	0.0154782	0.217782	-4.59174	0.0460891	0.309447	-3.23157	0.118806	0.419423	-2.38423	4.50418	18.7875	3.70767	1
cg09410453	0.0868912	0.241737	-4.13673	0.014877	0.105448	-9.48339	0.0229051	0.129503	-7.72181	0.086668	0.241444	-4.14174	4.13837	36.9639	7.93955	1
cg10292855	0.668515	0.900573	-1.1104	0.116144	0.660255	-1.51457	0.60407	0.880571	-1.13563	0.102005	1.54518	1.54518	4.03821	3.78028	0.832113	1
cg14564724	0.816507	0.971788	-1.02903	2.53E-05	0.357324	-2.79858	0.021124	1.40691	1.40691	0.0037283	0.617372	-1.61977	15.5374	3.73031	0.21341	1
cg14063654	0.110279	0.656573	-1.52306	0.00129505	0.322062	-3.105	0.818794	1.05704	1.05704	0.00992797	0.455072	-2.19745	9.39164	8.69181	0.822652	1
cg14630985	0.526758	1.08377	1.08377	0.00298622	0.599944	-1.66682	0.464951	0.910936	-1.09777	0.0934422	1.26041	1.26041	4.76038	1.18621	0.221496	1
cg13430450	0.168091	0.439641	-2.27458	0.0233503	0.219603	-4.55368	0.0529547	0.292165	-3.42273	0.378646	0.603318	-1.6575	4.46087	22.1115	4.40602	1
cg20211653	0.834236	1.04216	1.04216	0.00129114	0.39687	-2.51972	0.496171	0.872692	-1.14588	0.713929	0.930011	-1.07526	4.43701	2.72926	0.546767	1
cg14313833	0.250152	1.45048	1.45048	0.05575	0.511322	-1.95571	0.0381731	2.1034	2.1034	0.518318	0.816559	-1.22465	4.31388	6.54315	1.34824	1
cg14170545	0.158922	0.487101	-2.05296	0.00416862	0.159734	-6.2604	0.147752	0.476201	-2.09995	0.262835	0.572529	-1.74664	3.7188	13.4414	3.21284	1
cg13571501	0.00854272	2.14417	2.14417	0.0124265	2.02832	2.02832	0.0286526	1.79825	1.79825	0.0363468	1.73864	1.73864	3.59354	2.94085	0.727441	1
cg13849142	0.507245	0.913708	-1.09444	0.00145248	1.85342	1.85342	0.532765	0.918744	-1.08844	0.594287	0.930428	-1.07477	4.27754	1.2189	0.253292	1
cg14069205	0.310379	1.40371	1.40371	0.533597	1.22593	1.22593	0.506038	0.804127	-1.24358	0.256829	0.682251	-1.46574	5.54809	9.17165	1.46944	1
cg16937333	2.52E-06	0.0687999	-14.5349	0.979072	1.00618	1.00618	0.518286	0.857328	-1.16641	0.632966	1.11973	1.11973	18.461	16.1533	0.777772	1
cg26534460	0.0750874	0.477577	-2.0939	0.0227861	0.362016	-2.76231	0.10454	0.516053	-1.93779	0.035075	0.400322	-2.49799	4.84648	10.6707	1.9571	1
cg04530015	0.53804	0.723315	-1.38252	0.0710116	0.350704	-2.85141	0.445885	1.49732	1.49732	0.0534582	0.319958	-3.12541	3.96439	16.9457	3.79954	1
cg26843807	0.701644	1.1438	1.1438	0.038106	0.432134	-2.3141	0.00588257	3.5185	3.5185	0.1	0.533078	-1.8759	3.41685	6.59278	1.7151	1
cg15382258	0.228796	1.17835	1.17835	0.00136592	1.82903	1.82903	0.400095	1.11843	1.11843	0.43354	1.10943	1.10943	7.18522	1.9215	0.23771	1
cg03372042	0.450202	0.601377	-1.66285	0.000885837	0.0371664	-26.906	0.858997	0.889113	-1.12472	0.0181418	0.150119	-6.66136	4.39293	30.3937	6.15002	1
cg04077417	0.554154	0.866558	-1.15399	0.0111889	2.14026	2.14026	0.922201	0.97689	-1.02366	0.749499	0.926188	-1.07969	3.43442	3.11633	0.806563	1
cg02847766	0.285942	0.518528	-1.92854	0.0106945	0.149357	-6.69539	0.0221577	0.196824	-5.08067	0.0242638	0.203598	-4.91165	3.76567	20.9466	4.94447	1
cg02331561	0.0327902	1.62844	1.62844	0.000100915	0.260349	-3.84099	0.134498	1.37038	1.37038	0.320721	0.818459	-1.22181	24.8537	15.0075	0.536742	1
cg07797907	0.0377405	1.2989	1.2989	0.000536047	0.557328	-1.79428	0.0416671	1.29026	1.29026	0.204792	1.15627	1.15627	14.2014	2.64897	0.165804	1
cg12878183	0.0263332	0.732974	-1.3643	0.872837	1.01907	1.01907	0.744562	1.03931	1.03931	0.0054884	1.53812	1.53812	7.45434	1.64172	0.195765	1
cg00795900	0.804926	0.819955	-1.21958	0.817899	0.831094	-1.20323	0.103567	4.17062	4.17062	0.360191	0.470186	-2.12682	3.55208	36.202	9.05937	1
cg14341551	9.04E-05	0.340038	-2.94085	0.00704586	0.584683	-1.71033	0.0511482	1.40805	1.40805	0.0204129	0.650143	-1.53812	18.3252	6.89007	0.334213	1
cg14485901	0.0208871	0.546034	-1.83139	0.0027336	0.406462	-2.46025	0.328607	0.802947	-1.24541	0.0952088	0.670972	-1.49037	7.69344	5.77241	0.666936	1
cg21157707	0.072005	0.631634	-1.58319	0.00705742	2.21805	2.21805	0.0962932	1.51859	1.51859	0.519164	0.861134	-1.16126	6.28198	5.20736	0.736833	1
cg01229519	0.00598481	0.591488	-1.69065	0.189829	1.22504	1.22504	0.342353	0.86676	-1.15372	0.426646	0.888128	-1.12596	5.0801	1.71887	0.300758	1
cg27558876	0.153443	1.26665	1.26665	0.0053297	1.76425	1.76425	0.517879	0.903589	-1.1067	0.500307	0.899603	-1.1116	4.69003	1.77643	0.336682	1
cg13795883	0.0820659	1.3005	1.3005	0.000747782	2.00915	2.00915	0.253694	1.17653	1.17653	0.724628	0.952907	-1.04942	4.66275	1.37356	0.261851	1
cg20850800	0.0122704	1.6076	1.6076	0.00279815	1.87193	1.87193	0.772983	1.04501	1.04501	0.126953	1.28561	1.28561	4.30148	1.57803	0.326094	1
cg05775779	0.0568126	0.581829	-1.71872	0.000672486	0.270708	-3.69401	0.339421	0.780855	-1.28065	0.449495	0.823981	-1.21362	4.14897	4.14731	0.888534	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13845858	ABCA2;ABCA2	0.0289052	0.609624	1.24959	1.24959	0.00821419	4.31881	4.31881	0.0146114	3.67301	3.67301	0.0421231	2.75406	2.75406	0.292208	0.623243	-1.60451
cg02663193	ABCA2;ABCA2	0.0299287	0.673655	0.945721	-1.05739	0.99134	1.00143	1.00143	0.0209957	0.693614	-1.44172	0.00730747	0.633986	-1.57732	0.0078295	0.637825	-1.56783
cg00785831	ABCA2;ABCA2	0.0304381	0.513712	0.866609	-1.15392	0.0108233	0.500633	-1.99747	0.351333	1.23041	1.23041	0.553799	1.13823	1.13823	0.0030269	0.415429	-2.40715
cg08216000	ABCA2;ABCA2	0.0469232	0.433701	0.890621	-1.12281	0.179399	1.22972	1.22972	0.0788482	0.753535	-1.32708	0.133547	1.26446	1.26446	0.103896	0.772718	-1.29413
cg13806966	ABCA2;C9orf139;ABCA2	1.26E-06	8.66E-08	0.105224	-9.50354	0.00288869	0.592222	-1.68856	0.000555839	0.504089	-1.98378	0.013045	1.48264	1.48264	7.60E-07	0.182183	-5.48899
cg07701514	ABCA3	1.30E-06	0.814095	1.02693	1.02693	2.42E-06	0.274895	-3.63775	0.890812	1.01561	1.01561	0.322486	0.891119	-1.12218	7.85E-06	0.331272	-3.01867
cg09681286	ABCA3	0.0003442	0.000825154	0.359337	-2.78291	0.281988	1.25504	1.25504	0.0246173	0.580524	-1.72258	0.000371283	0.31432	-3.18147	0.467115	0.860412	-1.16223
cg20915212	ABCA3	0.00119368	0.168167	0.790454	-1.2651	0.00184358	0.492607	-2.03002	0.0652328	0.717922	-1.39291	0.628896	1.08109	1.08109	4.57E-05	0.291227	-3.43375
cg06780216	ABCA3	0.00121794	0.0275082	1.63005	1.63005	0.179078	1.3067	1.3067	0.948163	1.01226	1.01226	0.000587534	0.369552	-2.70598	0.00103064	0.401966	-2.48778
cg06933862	ABCA3	0.00147302	0.121269	0.768876	-1.3006	0.906213	0.98173	-1.01861	0.370815	1.15462	1.15462	0.393523	0.872201	-1.14652	0.000237775	0.385853	-2.59166
cg02124920	ABCA3	0.00166514	0.0113036	1.49538	1.49538	0.0825169	0.783549	-1.27624	0.116105	0.80525	-1.24185	0.0997135	1.25713	1.25713	0.00943546	1.51788	1.51788
cg00718541	ABCA3	0.0017618	0.913855	1.02614	1.02614	0.0159643	2.02083	2.02083	0.513918	0.853988	-1.17098	0.425435	1.21418	1.21418	0.000389332	0.259623	-3.85174
cg05147509	ABCA3	0.0020571	0.866004	0.970181	-1.03074	0.0631732	0.68757	-1.4544	0.000759831	2.49611	2.49611	0.539737	0.894685	-1.11771	0.929171	1.01606	1.01606
cg00039478	ABCA3	0.00303879	0.00904905	0.706224	-1.41598	0.00861923	0.703858	-1.42074	0.390239	1.0967	1.0967	0.328622	1.1115	1.1115	0.0792227	1.22666	1.22666
cg08131081	ABCA3	0.00425716	0.782248	0.939851	-1.064	0.96418	0.989996	-1.01011	0.166074	1.3919	1.3919	0.645481	0.901481	-1.10929	0.00214587	0.380913	-2.62527
cg01278797	ABCA3	0.00622641	0.0966759	0.818347	-1.22197	0.0479784	1.28211	1.28211	0.0164981	0.72468	-1.37992	0.153856	0.845497	-1.18274	0.064539	0.79592	-1.25641
cg04058100	ABCA3	0.00795224	0.734503	0.917279	-1.09018	0.0584297	1.7201	1.7201	0.0358793	0.538361	-1.85749	0.222308	0.722291	-1.38448	0.00314134	0.359125	-2.78455
cg05824333	ABCA3	0.0109081	0.620967	0.931936	-1.07304	0.00720144	0.612293	-1.6332	0.0630674	1.34405	1.34405	0.0660875	0.74709	-1.33853	0.00568205	0.598673	-1.67036
cg10275969	ABCA3	0.0145369	0.158562	0.674339	-1.48293	0.0129872	2.23878	2.23878	0.417101	1.24211	1.24211	0.0458673	1.81909	1.81909	0.0374158	0.531837	-1.88028
cg09954729	ABCA3	0.0156697	0.385794	0.739045	-1.3531	0.177978	1.62714	1.62714	0.000410244	0.148321	-6.74212	0.982404	0.992527	-1.00753	0.0184121	0.378088	-2.64489
cg02257312	ABCA3	0.0208646	0.341882	0.828597	-1.20686	0.515783	0.881165	-1.13486	0.0715668	0.679568	-1.47152	0.00702236	0.512132	-1.95262	0.618204	1.10127	1.10127
cg02715407	ABCA3	0.0312388	0.0290792	0.353379	-2.82982	0.903683	1.05017	1.05017	0.492475	0.754346	-1.32565	0.683483	1.1803	1.1803	0.00562774	0.230003	-4.34777
cg08449748	ABCA3	0.0437931	0.371197	0.811972	-1.23157	0.983029	0.995187	-1.00484	0.237629	0.755307	-1.32396	0.975024	0.992923	-1.00713	0.612446	0.890579	-1.12287
cg16298016	ABCA4	0.000472491	0.0393174	0.645534	-1.5491	0.0709231	0.690475	-1.44828	9.26E-05	0.277837	-3.59924	0.499807	0.881848	-1.13398	3.97E-05	0.236383	-4.23042
cg18377941	ABCA4	0.00182754	0.32888	1.28397	1.28397	0.0455596	0.566253	-1.766	0.00293731	0.363039	-2.75453	0.265212	0.749756	-1.33377	0.0417526	0.558692	-1.7899
cg04100956	ABCA4	0.00278025	0.0157868	0.384126	-2.60331	0.0023071	0.252193	-3.96521	0.00116629	0.213911	-4.67485	0.0154217	0.382274	-2.61593	0.129119	0.588304	-1.6998
cg04491808	ABCA4	0.00340976	0.00269431	0.316461	-3.15995	0.309245	0.74678	-1.33908	0.00156855	0.283543	-3.5268	0.100695	0.607204	-1.64689	0.0016631	0.287003	-3.48428
cg12869058	ABCA4	0.00826973	0.0308965	0.522141	-1.91519	0.46452	0.826241	-1.2103	0.000746481	0.269266	-3.71381	0.0868474	0.615782	-1.62395	0.00471203	0.381813	-2.61908
cg25196715	ABCA4	0.00850183	0.250303	0.674987	-1.48151	0.224615	0.658789	-1.51794	0.0271457	0.424987	-2.35301	0.0563066	0.493045	-2.02821	0.0547714	0.490283	-2.03964
cg09360041	ABCA4	0.0103713	0.751145	0.851728	-1.17408	0.428506	0.66516	-1.5034	0.00178227	0.106105	-9.42466	0.0999654	0.40282	-2.4825	0.00132594	0.0948716	-10.5406
cg12085314	ABCA4	0.0120261	0.0601125	4.13462	4.13462	0.16443	2.69897	2.69897	0.0449192	4.66698	4.66698	0.0300777	5.51548	5.51548	0.00916553	0.109161	-9.16076
cg04592706	ABCA4	0.0130058	0.0778661	1.65609	1.65609	0.0935821	1.60767	1.60767	0.820998	1.06008	1.06008	0.180039	0.693117	-1.44276	0.0100453	0.433211	-2.30834
cg06895831	ABCA4	0.0148039	0.270966	0.568321	-1.75957	0.00175036	0.110886	-9.01828	0.00602818	0.17052	-5.86443	0.344901	0.619002	-1.6155	0.00587271	0.169044	-5.91561
cg09234454	ABCA4	0.0152321	0.814999	1.18847	1.18847	0.00111629	34.3558	34.3558	0.192684	2.76128	2.76128	0.597721	1.48037	1.48037	0.478464	1.70038	1.70038
cg19378389	ABCA4	0.024789	0.0184081	0.202355	-4.9418	?	?	?	0.0390888	0.263395	-3.79657	0.412601	0.626258	-1.59679	0.00296772	0.102481	-9.75793
cg09326529	ABCA4	0.0280565	0.442905	1.26691	1.26691	0.0113676	0.383565	-2.60712	0.174956	0.646446	-1.54692	0.746154	0.906446	-1.10321	0.510192	0.817091	-1.22385
cg09168805	ABCA4	0.0389981	0.132392	0.619953	-1.61302	0.100939	0.589232	-1.69713	0.00727445	0.360842	-2.77129	0.223302	0.686092	-1.45753	0.01356	0.406783	-2.45831
cg01922613	ABCA4	0.0398859	0.170958	0.548954	-1.82164	0.190231	1.76949	1.76949	0.181941	1.79114	1.79114	0.288101	1.57413	1.57413	0.461952	1.3608	1.3608
cg01437135	ABCA4	0.0401307	0.0193268	0.331723	-3.01456	0.0234745	0.347971	-2.8738	0.0684503	0.451297	-2.21584	0.255729	0.62953	-1.58849	0.00903284	0.274037	-3.64914
cg01921066	ABCA4	0.0492278	0.563495	1.48501	1.48501	0.0532911	4.42161	4.42161	0.0751492	3.82547	3.82547	0.79948	1.18809	1.18809	0.0572459	0.233075	-4.29047
cg20746830	ABCA4;ABCA4	0.00893916	0.950705	1.01702	1.01702	0.142636	0.650411	-1.53749	0.0106678	0.416348	-2.40184	0.0623292	1.77309	1.77309	0.00866374	0.401153	-2.49281
cg09530790	ABCA5	0.000196028	0.000222023	0.190408	-5.25187	0.254705	0.725579	-1.37821	9.93E-06	0.0773179	-12.9336	0.435985	0.807049	-1.23908	0.00349602	0.343447	-2.91166
cg25385760	ABCA5	0.000213522	0.00695564	0.658885	-1.51772	0.168029	1.19189	1.19189	0.00261858	1.64522	1.64522	0.457839	0.91363	-1.09454	0.00144627	0.576942	-1.73328
cg17302455	ABCA5	0.0259293	0.0293247	0.263451	-3.79578	0.0158361	0.215285	-4.64501	0.0260138	0.253388	-3.94652	0.15996	0.458327	-2.18185	0.0681441	0.345972	-2.89041
cg25174455	ABCA5;ABCA5	0.00516289	0.26158	0.847816	-1.1795	0.0120606	0.64311	-1.55494	0.261002	0.847631	-1.17976	0.957699	1.00751	1.00751	0.00130103	1.93566	1.93566
cg06127577	ABCA5;ABCA5	0.00834927	0.195322	1.15565	1.15565	0.0464	1.27247	1.27247	0.0257512	1.32274	1.32274	0.389534	1.09761	1.09761	0.0368824	1.29179	1.29179
cg03805929	ABCA5;ABCA5	0.0285205	0.0483771	0.526031	-1.90103	0.0450491	0.519443	-1.92514	0.0172891	0.437866	-2.2838	0.755183	0.914769	-1.09317	0.094932	0.592944	-1.6865
cg07372195	ABCA5;ABCA5;ABCA5	0.0201674	0.0194688	0.203289	-4.91911	0.0170099	0.193702	-5.16257	0.0481041	0.279639	-3.57604	0.295314	0.542171	-1.84443	0.00698071	0.139702	-7.15811
cg24145486	ABCA7	1.03E-06	5.62E-06	0.238033	-4.20109	0.000609364	0.477007	-2.0964	6.56E-07	0.149223	-6.7014	0.779123	0.961359	-1.04019	3.13E-07	0.123278	-8.11177
cg23657707	ABCA7	2.57E-06	0.0253843	0.420694	-2.37702	0.000263995	0.14185	-7.0497	3.63E-05	0.0748627	-13.3578	0.0041414	0.285775	-3.49925	3.16E-07	0.0077529	-128.984
cg00874873	ABCA7	0.000192596	0.00746979	0.346427	-2.88661	0.126646	0.601377	-1.66285	0.000794218	0.210189	-4.75762	0.0032074	0.289937	-3.44903	5.13E-05	0.0969423	-10.3154
cg02253236	ABCA7	0.00216271	0.870568	0.98058	-1.0198	0.248257	1.15622	1.15622	0.00184888	0.587677	-1.70161	0.0840508	1.25846	1.25846	0.00320792	0.616458	-1.62217
cg02807077	ABCA7	0.0022942	0.0258712	0.409934	-2.43942	0.935907	0.973253	-1.02748	0.0590249	0.48739	-2.05175	0.078539	0.517525	-1.93227	0.00364722	0.265637	-3.76453
cg06169110	ABCA7	0.00428702	0.00176333	0.199634	-5.00918	0.00959429	0.305446	-3.2739	0.0388503	0.421045	-2.37505	0.562447	0.80913	-1.2359	0.00297083	0.228901	-4.3687
cg23027715	ABCA7	0.0157894	0.280193	0.851268	-1.17472	0.000466759	0.454179	-2.20177	0.982436	0.996847	-1.00316	0.394471	1.13328	1.13328	0.0264306	0.685535	-1.45871
cg10406526	ABCA7	0.0194761	0.0224053	0.0537049	-18.6203	0.0469022	0.0879023	-11.3763	0.0849128	0.130489	-7.6635	0.101014	0.146645	-6.81917	0.0155604	0.0419525	-23.8365
cg02986791	ABCA7	0.0204418	0.0644682	0.343735	-2.90922	0.734047	1.19163	1.19163	0.508108	0.708102	-1.41223	0.14342	0.4456	-2.24416	0.373786	1.59899	1.59899
cg02959678	ABCA7	0.0249321	0.000597391	0.34385	-2.90825	0.668403	1.09071	1.09071	0.780665	1.05786	1.05786	0.809368	0.952464	-1.04991	0.115525	0.708382	-1.41167
cg26263477	ABCA7	0.038751	0.672609	0.961012	-1.04057	0.037751	0.798153	-1.25289	0.188631	1.1392	1.1392	0.609068	0.952886	-1.04944	0.553973	0.945527	-1.05761
cg05372495	ABCA7	0.0393938	0.688346	1.18212	1.18212	0.0215942	3.142	3.142	0.209197	0.577371	-1.73199	0.711769	1.16649	1.16649	0.00941212	0.255134	-3.91951
cg10749413	ABCA7	0.046197	0.616102	0.913479	-1.09472	0.0047215	1.95813	1.95813	0.115415	1.35851	1.35851	0.225586	1.25586	1.25586	0.0516074	1.48675	1.48675
cg17461670	ABCA8	0.0384052	0.142247	1.40286	1.40286	0.257045	1.28894	1.28894	0.0262733	0.568038	-1.76045	0.262427	0.778233	-1.28496	0.406397	0.83339	-1.19992
cg17334372	ABCA8	0.039904	0.666073	1.09036	1.09036	0.0183334	0.565322	-1.7689	0.0210531	0.575262	-1.73834	0.123614	0.717262	-1.39419	0.316901	0.813701	-1.22895
cg19464780	ABCA9	0.000116489	0.47566	1.21295	1.21295	4.37E-05	0.127049	-7.87099	0.0203839	0.475218	-2.1043	0.00345945	0.34768	-2.87621	0.000100425	0.15952	-6.26881
cg12504828	ABCA9	0.000565925	0.520192	0.914181	-1.09388	0.00826972	0.62824	-1.59175	3.44E-05	0.331858	-3.01334	0.0762137	0.762192	-1.31201	0.385118	0.884646	-1.1304
cg09105881	ABCB1	5.60E-06	0.564631	0.96144	-1.04011	3.34E-06	2.09765	2.09765	0.781113	0.981364	-1.01899	0.172804	1.10294	1.10294	0.420759	1.05712	1.05712
cg12270822	ABCB1	4.96E-05	0.753808	0.959092	-1.04265	0.186797	0.830459	-1.20415	0.187319	0.830664	-1.20386	0.330325	1.14266	1.14266	0.621261	0.936022	-1.06835
cg27507700	ABCB1	0.000147419	0.659158	0.929418	-1.07594	0.131489	1.308	1.308	0.301235	1.19319	1.19319	0.848666	1.032	1.032	0.246975	0.819037	-1.22095
cg06562372	ABCB1	0.000232481	0.334793	0.861055	-1.16137	0.814086	1.03606	1.03606	0.783555	1.04228	1.04228	0.150202	1.26107	1.26107	0.136903	0.785861	-1.27249
cg00141548	ABCB1	0.000590513	0.282407	0.81714	-1.22378	0.00768995	1.85748	1.85748	0.641081	1.08859	1.08859	0.60909	1.09773	1.09773	0.730304	0.939354	-1.06456
cg15759056	ABCB1	0.000714262	0.148817	0.625792	-1.59798	0.209474	1.49249	1.49249	0.5806	0.844559	-1.18405	0.391172	0.76646	-1.3047	0.244528	0.691734	-1.44564
cg22899422	ABCB1	0.000963815	0.157054	0.625197	-1.5995	0.000361704	0.169513	-5.89927	0.033703	0.463124	-2.15925	0.000445623	0.179117	-5.58295	0.00946738	0.360431	-2.77446
cg00862116	ABCB1	0.00155234	0.237125	0.684151	-1.46167	0.0769836	1.827	1.827	0.563823	0.836251	-1.19581	0.371074	0.754671	-1.32508	0.806048	0.927382	-1.0783
cg19861260	ABCB1	0.0020809	0.24402	0.651841	-1.53412	0.207389	0.627004	-1.59489	0.00370448	0.252359	-3.9626	0.0141697	0.345523	-2.89416	0.114301	0.547116	-1.82777
cg04099454	ABCB1	0.00208529	0.922982	1.03168	1.03168	0.891553	1.04498	1.04498	0.482886	0.794508	-1.25864	0.666692	1.15001	1.15001	0.0326755	0.446526	-2.23951
cg16288248	ABCB1	0.0142381	0.94081	1.01498	1.01498	0.91333	0.978443	-1.02203	0.780946	1.05739	1.05739	0.676734	1.08755	1.08755	0.926077	1.01875	1.01875
cg25477497	ABCB1	0.033257	0.854191	1.04821	1.04821	0.612865	1.13951	1.13951	0.00365764	0.365673	-2.73468	0.220658	0.71923	-1.39038	0.502658	1.1902	1.1902
cg16772035	ABCB1	0.043385	0.641581	0.88687	-1.12756	0.795085	1.06887	1.06887	0.701307	0.906047	-1.1037	0.236072	0.726205	-1.37702	0.838842	1.05349	1.05349
cg05552534	ABCB10	0.00738668	0.576925	0.93996	-1.06388	0.0283	1.32904	1.32904	0.00334544	1.55066	1.55066	0.00538023	0.668571	-1.49573	0.986248	1.0019	1.0019
cg00355656	ABCB10	0.0178572	0.0183365	0.335099	-2.98419	0.02243	0.351794	-2.84257	0.0368899	0.396179	-2.52411	0.207569	1.66132	1.66132	0.0205349	0.344396	-2.90364
cg11789864	ABCB10	0.038392	0.00350125	1.39868	1.39868	0.386287	0.927529	-1.07813	0.481549	1.06247	1.06247	0.169795	1.13187	1.13187	0.16233	1.1347	1.1347
cg20118424	ABCB11	0.0116819	0.276078	1.25632	1.25632	0.070332	0.665364	-1.50294	0.00372383	0.45426	-2.20138	0.0939452	0.690097	-1.44907	0.00162192	0.402602	-2.48384
cg21346679	ABCB11	0.0328401	0.940391	0.94391	-1.05942	0.00189902	0.0334905	-29.8592	0.0358676	0.151911	-6.5828	0.477085	0.572353	-1.74717	0.0852481	0.230242	-4.34326
cg24334048	ABCB11	0.0363366	0.0358295	0.1902	-5.25762	0.00601215	0.0872041	-11.4674	0.0880091	0.278174	-3.59488	0.225408	0.420946	-2.3756	0.0737682	0.258059	-3.87509
cg18912768	ABCB11;ABCB11	0.0139406	0.0042547	0.0873239	-11.4516	0.0586176	0.256261	-3.90228	0.0210515	0.170566	-5.86285	0.1247	0.346671	-2.88458	0.00306511	0.0754505	-13.2537
cg17960051	ABCB1;RUNDC3B;RUNDC3B;RUNDC3B	0.023849	0.144764	0.477223	-2.09546	0.442093	0.690599	-1.44802	0.672259	0.817928	-1.2226	0.982856	1.0102	1.0102	0.696254	0.830856	-1.20358
cg09708066	ABCB4;ABCB4;ABCB4	0.00135382	0.0818223	0.595738	-1.67859	0.00185531	0.305281	-3.27567	0.00018851	0.184223	-5.4282	0.564365	0.855129	-1.16941	0.000593931	0.240703	-4.1545
cg25679366	ABCB4;ABCB4;ABCB4	0.00232146	0.571265	0.809104	-1.23594	0.492588	0.772587	-1.29435	0.764855	1.11746	1.11746	0.582965	1.22788	1.22788	0.0373645	0.408828	-2.44601
cg04219946	ABCB4;ABCB4;ABCB4	0.0175392	0.0175718	0.479012	-2.08763	0.427291	0.813452	-1.22933	0.175998	1.44268	1.44268	0.0261543	1.95844	1.95844	0.0954445	0.627123	-1.59458
cg04438814	ABCB4;ABCB4;ABCB4	0.0196324	0.422231	0.835651	-1.19667	0.0663681	1.56981	1.56981	0.608778	1.1197	1.1197	0.560846	1.13746	1.13746	0.777	1.06416	1.06416
cg00919237	ABCB4;ABCB4;ABCB4	0.0196522	0.952726	0.989111	-1.01101	0.0103254	0.550606	-1.81618	0.161248	0.758581	-1.31825	0.584891	1.10724	1.10724	0.239122	0.796388	-1.25567
cg06869512	ABCB4;ABCB4;ABCB4	0.0231573	0.0457429	0.14903	-6.71006	0.0468083	0.150811	-6.6308	0.0467778	0.150761	-6.63303	0.0727171	0.189366	-5.28077	0.0206151	0.0985248	-10.1497
cg02000606	ABCB4;ABCB4;ABCB4	0.0261729	0.017118	0.396659	-2.52106	0.020704	0.412161	-2.42624	0.145179	0.607872	-1.64508	0.0748819	0.531929	-1.87995	0.252276	0.683499	-1.46306
cg20966504	ABCB5	0.00599995	0.876796	0.950037	-1.05259	0.00227051	0.243997	-4.09842	0.00103619	0.200869	-4.97836	0.0299254	0.430044	-2.32535	0.0106066	0.34586	-2.89134
cg14878128	ABCB5	0.0381718	0.0588062	0.21604	-4.62877	0.0107802	0.100289	-9.97116	0.238875	0.412473	-2.4244	0.114698	0.291823	-3.42673	0.0292229	0.158104	-6.32496
cg25826515	ABCB5;ABCB5	0.0198323	0.00855116	0.206662	-4.83882	0.00458681	0.169736	-5.89151	0.0237914	0.281403	-3.55363	0.0336852	0.311681	-3.20841	0.0225793	0.277088	-3.60896
cg03059575	ABCB5;ABCB5	0.0220347	0.153765	0.693906	-1.44112	0.140597	0.684344	-1.46125	0.0179117	0.502346	-1.99066	0.0826303	0.631307	-1.58402	0.912349	0.973996	-1.0267
cg25840822	ABCB5;ABCB5;ABCB5	0.0117956	0.49963	0.697513	-1.43367	0.0816398	0.362595	-2.7579	0.0117771	0.191338	-5.22637	0.25239	0.533392	-1.87479	0.00116783	0.081636	-12.2495
cg23605722	ABCB5;ABCB5;ABCB5;ABCB5	0.00010859	0.488546	0.881105	-1.13494	0.633919	1.09014	1.09014	0.000545517	0.380437	-2.62855	0.191682	1.28229	1.28229	4.14E-06	0.146862	-6.80911
cg23626475	ABCB5;ABCB5;ABCB5;ABCB5	0.000752923	0.537274	0.907484	-1.10195	0.00100485	0.468254	-2.13559	0.00403676	0.548735	-1.82237	0.850107	1.02984	1.02984	0.000234328	0.387517	-2.58053
cg22426329	ABCB5;ABCB5;ABCB5;ABCB5	0.0380728	0.553678	0.735297	-1.35999	0.506102	0.707335	-1.41376	0.100714	0.397442	-2.51609	0.0890747	0.381981	-2.61793	0.0374403	0.289581	-3.45327
cg22066521	ABCB5;ABCB5;ABCB5;ABCB5;ABCB5;ABCB5;ABCB5	0.0128543	0.758897	0.927836	-1.07778	0.000553029	0.271358	-3.68517	0.104894	0.649759	-1.53903	0.660679	0.898101	-1.11346	0.225961	0.733925	-1.36254
cg08290072	ABCB6	0.0404814	0.950366	1.02462	1.02462	0.429766	0.7291	-1.37155	0.227374	0.607192	-1.64692	0.00220942	0.169977	-5.88315	?	?	?
cg23547073	ABCB6	0.0462623	0.827735	0.965579	-1.03565	0.00681262	1.75674	1.75674	0.046277	1.44334	1.44334	0.145474	1.28561	1.28561	0.170148	1.26468	1.26468
cg27486695	ABCB6;ABCB6	0.0297149	?	?	?	0.0947372	2.10367	2.10367	0.0291608	2.91387	2.91387	?	?	?	?	?	?
cg23719549	ABCB8	0.0010508	0.84434	1.02922	1.02922	0.157818	1.24763	1.24763	0.00389668	0.565887	-1.76714	0.0116084	0.62987	-1.58763	3.90E-05	0.315413	-3.17045
cg00139389	ABCB8	0.00187657	0.76078	1.04612	1.04612	0.599561	1.08136	1.08136	0.166856	1.24308	1.24308	0.0428335	0.708811	-1.41081	0.000162186	0.386579	-2.5868
cg23160428	ABCB8	0.00356711	0.00111253	0.253618	-3.94294	0.231679	0.698873	-1.43088	0.587113	0.855048	-1.16953	0.541807	0.838293	-1.1929	0.000774367	0.233828	-4.27664
cg07222181	ABCB8	0.00503148	0.107032	0.773049	-1.29358	0.00342038	1.7895	1.7895	0.000148032	2.59711	2.59711	0.754742	1.04692	1.04692	0.921005	1.01462	1.01462
cg02501120	ABCB8	0.00509342	0.0822665	0.585387	-1.70827	0.00441357	2.87799	2.87799	0.562826	0.849812	-1.17673	0.00863143	0.393961	-2.53832	0.342693	0.761905	-1.3125
cg11367539	ABCB8	0.0186158	0.268294	0.829105	-1.20612	0.0140953	0.611105	-1.63638	0.97205	1.00571	1.00571	0.740724	0.947459	-1.05545	0.0396249	0.679262	-1.47219
cg05429359	ABCB8	0.0255117	0.0519229	0.560833	-1.78306	0.00405791	0.354379	-2.82183	0.760464	0.924604	-1.08154	0.714258	1.09888	1.09888	0.0356052	0.526233	-1.9003
cg22134611	ABCB8	0.0278951	0.00631671	0.328124	-3.04763	0.144247	0.611705	-1.63478	0.773665	0.913609	-1.09456	0.00889643	0.352374	-2.8379	0.00740487	0.339229	-2.94786
cg02615599	ABCB8	0.0468671	0.780206	1.0314	1.0314	0.0125193	0.709404	-1.40963	0.618249	0.945986	-1.0571	0.325592	0.893877	-1.11872	0.480633	1.08246	1.08246
cg16314862	ABCB9	0.000531326	0.111941	0.682134	-1.46599	0.824592	1.05028	1.05028	0.00344569	0.415676	-2.40572	0.966995	1.00919	1.00919	2.23E-05	0.152611	-6.55261
cg11933232	ABCB9;ABCB9;ABCB9	0.0180582	0.786936	1.10108	1.10108	0.00492157	3.75902	3.75902	0.0963084	1.91373	1.91373	0.473259	1.29598	1.29598	0.530435	0.797812	-1.25343
cg03831648	ABCB9;ABCB9;ABCB9	0.0287112	0.896142	1.0213	1.0213	0.04961	1.43557	1.43557	0.267248	1.2051	1.2051	0.0862392	1.35793	1.35793	0.000647013	2.32713	2.32713
cg23157618	ABCB9;ABCB9;ABCB9	0.0376246	0.0161916	0.163043	-6.13334	0.107099	0.338028	-2.95834	0.0131999	0.150408	-6.64857	0.184926	0.420214	-2.37974	0.00736873	0.118906	-8.41
cg00376283	ABCB9;ABCB9;ABCB9;ABCB9;ABCB9	0.00240944	0.0672007	1.50472	1.50472	0.309028	1.23332	1.23332	0.291742	1.24347	1.24347	0.0738684	0.67243	-1.48714	0.000179976	0.282794	-3.53615
cg03297007	ABCB9;ABCB9;ABCB9;ABCB9;ABCB9	0.0133211	0.00198646	3.24441	3.24441	0.143252	1.52793	1.52793	0.578338	1.16335	1.16335	0.182223	1.46453	1.46453	0.759784	1.08616	1.08616
cg07423198	ABCB9;OGFOD2	0.0223307	0.0509854	0.594804	-1.68123	0.505514	1.17105	1.17105	0.573291	1.14225	1.14225	0.61563	0.888425	-1.12559	0.298003	1.28677	1.28677
cg26401822	ABCB9;OGFOD2	0.0411437	0.795751	0.944085	-1.05923	0.0262708	0.557296	-1.79438	0.415844	1.20258	1.20258	0.0637448	0.629835	-1.58772	0.197274	0.739088	-1.35302
cg00050375	ABCC10	0.00188272	0.0183694	0.485207	-2.06098	0.0683084	0.596963	-1.67515	0.00311354	0.359854	-2.7789	0.803927	0.939062	-1.06489	0.000316325	0.228838	-4.36991
cg23781719	ABCC10	0.00530187	0.73983	1.09367	1.09367	0.00318517	0.338861	-2.95106	0.228605	0.712121	-1.40426	0.598536	0.866966	-1.15345	0.00102199	0.270274	-3.69994
cg12572677	ABCC10	0.00530834	0.023675	0.534343	-1.87146	0.0672013	1.60955	1.60955	0.968621	0.990914	-1.00917	0.502068	0.853791	-1.17125	0.00114126	0.329568	-3.03428
cg04388863	ABCC11;ABCC11	3.82E-06	0.399821	0.862631	-1.15924	0.939371	0.987043	-1.01313	0.000303989	0.365571	-2.73544	0.411069	1.15501	1.15501	4.82E-07	0.0887572	-11.2667
cg25274975	ABCC11;ABCC11	2.46E-05	0.000369844	0.294362	-3.39718	0.546948	0.8774	-1.13973	5.60E-05	0.200437	-4.9891	0.11162	1.45035	1.45035	1.40E-05	0.143034	-6.99132
cg08404739	ABCC11;ABCC11	0.0026511	0.901323	0.954942	-1.04718	0.086675	0.494935	-2.02047	0.0106372	0.30307	-3.29957	0.534343	0.791438	-1.26352	0.769665	0.896612	-1.11531
cg27060831	ABCC11;ABCC11;ABCC11	0.000180421	4.85E-06	0.201588	-4.96062	0.413378	1.13683	1.13683	0.160658	0.794683	-1.25836	0.32384	0.855336	-1.16913	0.243462	1.20582	1.20582
cg10382845	ABCC11;ABCC11;ABCC11	0.00235267	0.370637	1.15534	1.15534	0.0107648	1.65408	1.65408	0.000283111	0.393894	-2.53876	0.106346	1.31913	1.31913	0.0126735	1.62685	1.62685
cg09827812	ABCC11;ABCC11;ABCC11	0.00278476	0.992218	1.00302	1.00302	0.197418	0.655868	-1.5247	0.00134995	0.236648	-4.22569	0.362126	0.748282	-1.3364	0.00274032	0.27807	-3.59622
cg09228051	ABCC11;ABCC11;ABCC11	0.00939707	0.658845	0.896521	-1.11542	0.778693	1.07172	1.07172	0.264856	0.751499	-1.33067	0.0177593	0.492297	-2.0313	0.00215791	0.346873	-2.8829
cg02938045	ABCC11;ABCC11;ABCC11	0.0103756	0.484564	0.712694	-1.40313	0.106692	0.431752	-2.31614	0.250917	0.564378	-1.77186	0.893414	1.06601	1.06601	0.02122	0.266912	-3.74655
cg07032488	ABCC11;ABCC11;ABCC11	0.0115167	0.00361239	0.179677	-5.56553	0.11753	0.476731	-2.09762	0.426293	0.701877	-1.42475	0.0119264	0.254788	-3.92483	0.00347532	0.177569	-5.63161
cg26758427	ABCC12	0.000145807	0.797411	0.960286	-1.04136	0.0651103	1.38577	1.38577	0.334404	0.854845	-1.1698	0.146205	0.782131	-1.27856	0.0219482	0.648545	-1.54191
cg14074641	ABCC12	0.00933576	0.508236	1.1577	1.1577	0.166842	0.725014	-1.37928	0.0364977	0.588423	-1.69946	0.788093	0.942915	-1.06054	0.985808	0.996127	-1.00389
cg04098547	ABCC12	0.0164787	0.00283652	0.134298	-7.44612	0.449853	0.68649	-1.45668	0.564712	1.32895	1.32895	0.526592	1.36812	1.36812	0.00273642	0.132627	-7.53995
cg08447910	ABCC12	0.0442296	0.206138	0.642798	-1.5557	0.00270645	0.253339	-3.94728	0.0682296	0.508327	-1.96724	0.937201	1.02646	1.02646	0.0945201	0.543873	-1.83866
cg02591442	ABCC12;ABCC12	0.000830742	0.00837465	0.61203	-1.63391	0.834751	0.970012	-1.03091	0.256005	0.84129	-1.18865	0.630983	1.07309	1.07309	0.00013482	0.381491	-2.62129
cg12940073	ABCC12;ABCC12	0.00287763	0.514972	1.19193	1.19193	0.000448217	0.229431	-4.35861	0.0426038	0.537528	-1.86037	0.0242081	0.489417	-2.04325	0.089037	0.607314	-1.64659

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13845858	0.370167	1.4891	1.4891	0.0130368	3.79122	3.79122	0.0497181	2.6341	2.6341	0.0944418	2.21531	2.21531	4.14103	12.2771	2.63532	1
cg02663193	0.868225	0.97836	-1.02212	0.115604	1.25278	1.25278	0.818955	0.970245	-1.03067	0.571221	1.07831	1.07831	4.09029	1.12455	0.244383	1
cg00785831	0.0751325	0.651555	-1.53479	0.481943	1.16708	1.16708	0.404994	1.20224	1.20224	0.633172	0.901278	-1.10954	4.06583	3.00912	0.657868	1
cg08216000	0.00792037	0.610305	-1.63852	0.0711353	0.746545	-1.3395	0.197307	0.820678	-1.2185	0.211488	0.82624	-1.2103	3.47055	1.15568	0.295996	1
cg13806966	0.000369315	0.482407	-2.07294	0.252781	0.858348	-1.16503	0.000224865	0.456208	-2.19198	3.20E-06	0.243973	-4.09882	69.1849	17.9169	0.230197	1
cg07701514	6.57E-05	2.28437	2.28437	2.11E-05	2.62989	2.62989	2.09E-06	3.73109	3.73109	0.000206388	2.01586	2.01586	68.6378	13.8309	0.179116	1
cg09681286	3.23E-05	0.193505	-5.16783	0.0137099	0.538341	-1.85756	0.0487644	1.57977	1.57977	0.0186436	0.560219	-1.78502	15.8418	10.3576	0.581171	1
cg20915212	0.57293	1.09549	1.09549	0.734102	1.05611	1.05611	0.0576528	1.41015	1.41015	0.0309441	0.666557	-1.50025	11.1886	4.5426	0.36089	1
cg06780216	0.148316	0.747806	-1.33724	0.00164894	2.32646	2.32646	0.203928	0.77779	-1.28569	0.297961	0.816918	-1.22411	11.1246	6.18905	0.494526	1
cg06933862	0.343585	1.1649	1.1649	0.000274565	2.54021	2.54021	0.397859	1.14502	1.14502	0.235935	0.823407	-1.21447	10.5345	4.08343	0.344556	1
cg02124920	0.0360859	1.36232	1.36232	0.000104622	2.38613	2.38613	0.0270408	1.39378	1.39378	0.0225902	1.41388	1.41388	10.1685	2.59086	0.226481	1
cg00718541	0.36078	0.799303	-1.25109	0.000275979	0.241763	-4.13628	0.794096	1.06435	1.06435	0.259764	1.32354	1.32354	10.0038	9.00805	0.800411	1
cg05147509	0.00509295	0.514995	-1.94177	0.000991055	2.40396	2.40396	0.0307781	1.57574	1.57574	0.714983	1.06795	1.06795	9.56309	4.8665	0.452341	1
cg00039478	0.169118	1.16601	1.16601	0.000320953	1.84115	1.84115	0.239068	0.87874	-1.13799	0.601284	1.05683	1.05683	8.52556	1.48417	0.154742	1
cg08131081	0.000515248	0.297177	-3.365	0.0605078	1.60623	1.60623	0.591906	0.885893	-1.1288	0.0125482	0.498994	-2.00403	7.70614	6.11817	0.705719	1
cg01278797	0.489729	1.08018	1.08018	0.000616675	1.78515	1.78515	0.99848	0.999791	-1.00021	0.609461	1.05827	1.05827	6.86018	1.3129	0.170116	1
cg04058100	0.817257	0.942979	-1.06047	0.00202279	3.01743	3.01743	0.767798	1.07799	1.07799	0.323759	0.772205	-1.29499	6.35611	6.47678	0.905764	1
cg05824333	0.00844648	0.621514	-1.60898	0.207577	1.20676	1.20676	0.395512	1.13095	1.13095	0.288808	0.855795	-1.1685	5.74802	1.82074	0.281564	1
cg10275969	0.494223	1.199	1.199	0.540889	0.850581	-1.17567	0.00265509	2.96479	2.96479	0.247092	1.37219	1.37219	5.23463	5.66657	0.962236	1
cg09954729	0.282671	0.684078	-1.46182	0.482985	0.784673	-1.27442	0.582821	0.828061	-1.20764	0.863591	1.06023	1.06023	5.10626	9.35504	1.62851	1
cg02257312	0.08049	0.68921	-1.45094	0.0139672	1.79117	1.79117	0.056209	1.51461	1.51461	0.381233	0.841619	-1.18819	4.63726	2.70718	0.518924	1
cg02715407	0.105139	2.04634	2.04634	0.0123392	0.283662	-3.52533	0.76574	1.12844	1.12844	0.273779	0.630937	-1.58494	4.02839	10.4337	2.30227	1
cg08449748	0.0215932	1.86986	1.86986	0.810625	1.05596	1.05596	0.00388463	2.41593	2.41593	0.0809528	1.5511	1.5511	3.56152	2.9026	0.724433	1
cg16298016	0.00907475	0.544086	-1.83794	0.000975444	0.40637	-2.46081	0.884495	1.02704	1.02704	0.491031	0.8795	-1.13701	14.5165	7.74684	0.474364	1
cg18377941	0.00410044	0.384732	-2.59921	9.12E-05	0.176519	-5.66511	0.193546	0.710885	-1.4067	0.00456841	0.391912	-2.5516	9.89808	9.64492	0.866153	1
cg04100956	0.0231514	0.415465	-2.40694	0.000241514	0.140198	-7.13276	0.357573	0.736327	-1.35809	0.642934	0.85982	-1.16303	8.75328	14.5087	1.47335	1
cg04491808	0.0858998	0.590592	-1.69322	0.000885459	0.251009	-3.98392	0.00543178	0.362377	-2.75956	0.185349	0.677248	-1.47656	8.23791	10.0452	1.0839	1
cg12869058	0.0102505	0.436177	-2.29265	0.00480568	0.383135	-2.61004	0.183172	0.696197	-1.43637	0.141204	0.666504	-1.50037	6.27822	6.5367	0.925485	1
cg25196715	0.0249616	0.417741	-2.39383	0.000511562	0.169449	-5.90147	0.001846	0.235369	-4.24865	0.452497	0.778474	-1.28456	6.2236	10.5521	1.50711	1
cg09360041	0.0200661	0.24291	-4.11674	0.00792115	0.179464	-5.57215	0.52572	0.722998	-1.38313	0.301907	0.58304	-1.71515	5.842	23.5427	3.58214	1
cg12085314	0.369528	0.53965	-1.85305	0.0302099	0.18164	-5.50539	0.0290101	5.59945	5.59945	0.920565	1.06904	1.06904	5.56956	39.5172	6.30685	1
cg04592706	0.511179	0.842344	-1.18716	0.00139197	0.303431	-3.29564	0.175082	0.689838	-1.44962	0.688126	1.10947	1.10947	5.42936	5.69967	0.933144	1
cg06895831	0.0549275	0.341917	-2.92469	0.0190385	0.246723	-4.05314	0.734977	0.845763	-1.18236	0.49464	0.710403	-1.40765	5.20327	20.0321	3.42214	1
cg09234454	0.51344	0.613715	-1.62942	0.00750387	0.079249	-12.6185	0.131667	3.31631	3.31631	0.972647	1.02558	1.02558	5.15445	44.3043	7.64031	1
cg19378389	0.840293	1.11932	1.11932	0.0239069	0.221885	-4.50685	0.15431	0.426608	-2.34407	0.047158	0.28112	-3.5572	4.44647	19.5378	4.394	1
cg09326529	0.199029	0.663389	-1.50741	0.00415417	3.19578	3.19578	0.291919	1.39192	1.39192	0.3927	1.30316	1.30316	4.18481	6.06104	1.28742	1
cg09168805	0.438491	0.792414	-1.26197	0.00989411	0.383046	-2.61065	0.535082	1.20316	1.20316	0.854224	0.947287	-1.05565	3.71765	5.10437	1.22045	1
cg01922613	0.0189722	0.310793	-3.21757	0.00630821	0.231451	-4.32056	0.753688	0.87854	-1.13825	0.87504	1.06688	1.06688	3.68701	9.88237	2.3825	1
cg01437135	0.0894826	0.48177	-2.07568	0.00862585	0.270815	-3.69256	0.20633	0.59457	-1.68189	0.334821	0.678441	-1.47397	3.67871	8.86401	2.14181	1
cg01921066	0.161953	0.363823	-2.74859	0.0186284	0.14497	-6.89798	0.254042	2.23991	2.23991	0.522964	0.645106	-1.55013	3.40822	24.7454	6.45378	1
cg20746830	0.130605	0.640418	-1.56148	0.493988	1.20877	1.20877	0.0181306	2.18864	2.18864	0.0262629	2.05349	2.05349	6.12554	7.22873	1.04897	1
cg09530790	0.797434	1.07184	1.07184	0.00111956	0.27407	-3.6487	0.148685	1.51863	1.51863	0.405772	1.25788	1.25788	18.4713	21.2851	1.02429	1
cg25385760	0.197386	0.849752	-1.17681	0.0227383	0.721978	-1.38508	1.41E-05	0.339107	-2.94892	0.0710957	1.27239	1.27239	18.0479	4.08058	0.200975	1
cg17302455	0.0237218	0.245882	-4.06699	0.00444716	0.139184	-7.18472	0.0356851	0.280748	-3.56191	0.035982	0.281501	-3.55238	4.30216	18.3978	3.80125	1
cg25174455	0.00546768	1.67404	1.67404	0.0187524	1.49425	1.49425	0.411866	0.888411	-1.1256	0.995306	1.00083	1.00083	7.26706	2.28868	0.279946	1
cg06127577	0.118324	1.19613	1.19613	0.000868211	0.589913	-1.69517	0.131204	1.18781	1.18781	0.861789	1.01858	1.01858	6.25929	1.10583	0.15704	1
cg03805929	0.0135363	0.418793	-2.38782	0.0033219	0.320253	-3.12253	0.0745446	0.567903	-1.76086	0.0877926	0.584704	-1.71027	4.16067	5.3451	1.14193	1
cg07372195	0.0247701	0.22145	-4.51569	0.00424347	0.115461	-8.66094	0.0351326	0.250473	-3.99245	0.107437	0.371186	-2.69407	4.69125	23.6395	4.47917	1
cg24145486	0.315277	0.864562	-1.15666	1.45E-06	0.179732	-5.56384	1.47E-06	0.180429	-5.54235	0.00759296	0.618032	-1.61804	72.83	22.6581	0.276541	1
cg23657707	9.17E-07	0.0144938	-68.9949	4.58E-06	0.0324277	-30.8378	0.000110885	0.109082	-9.16743	1.78E-05	0.057436	-17.4107	57.5956	96.8463	1.49466	1
cg00874873	0.000831013	0.212531	-4.7052	0.00010261	0.120491	-8.29938	0.000106598	0.121883	-8.20459	0.00152884	0.245624	-4.07127	18.56	27.845	1.33357	1
cg02253236	0.677407	1.0516	1.0516	0.0122367	1.4555	1.4555	0.00774152	0.662742	-1.50888	0.00497214	0.639423	-1.56391	9.42429	2.15877	0.203613	1
cg02807077	0.00845696	0.321946	-3.10611	0.00100501	0.192854	-5.18528	0.000199673	0.121811	-8.20944	0.00994306	0.33373	-2.99643	9.26285	16.6706	1.59976	1
cg06169110	0.266189	0.657701	-1.52045	0.670182	1.16759	1.16759	0.000679867	0.152905	-6.53999	0.0251284	0.381612	-2.62046	7.68987	15.9302	1.84141	1
cg23027715	0.474373	1.11	1.11	0.300481	1.16638	1.16638	0.360612	0.873875	-1.14433	0.320322	0.863032	-1.15871	5.09337	1.65993	0.289688	1
cg10406526	0.027062	0.060958	-16.4047	0.00347966	0.0144274	-69.3126	0.0102164	0.0313878	-31.8595	0.0238538	0.0560145	-17.8525	4.74713	85.9028	16.0851	1
cg02986791	0.140804	2.25792	2.25792	0.194481	2.02514	2.02514	0.000990368	0.0807858	-12.3784	0.679031	1.23852	1.23852	4.66973	19.5481	3.721	1
cg02959678	0.128727	0.718313	-1.39215	0.126194	0.716473	-1.39573	0.0875082	0.683784	-1.46245	0.117465	0.709897	-1.40865	4.36136	2.80492	0.571671	1
cg26263477	0.13341	0.859442	-1.16355	0.0283248	0.784892	-1.27406	0.319368	1.10107	1.10107	0.0120623	1.3403	1.3403	3.72633	0.516652	0.123244	1
cg05372495	0.340186	1.50365	1.50365	0.350156	0.670951	-1.49042	0.0298026	0.346103	-2.88931	0.959713	0.979257	-1.02118	3.70389	10.101	2.42413	1
cg10749413	0.407944	0.859396	-1.16361	0.690505	0.93086	-1.07428	0.397602	0.85637	-1.16772	0.045318	1.50838	1.50838	3.49098	1.77182	0.451148	1
cg17461670	0.0810615	1.51444	1.51444	0.313734	1.25053	1.25053	0.105097	1.46228	1.46228	0.021896	0.554255	-1.80422	3.73859	2.72625	0.648195	1
cg17334372	0.0697218	1.49805	1.49805	0.527209	1.13616	1.13616	0.028157	0.596572	-1.67624	0.802897	1.0511	1.0511	3.6864	2.31805	0.558945	1
cg19464780	0.0187105	0.468414	-2.13486	1.51E-05	0.09189	-10.8826	0.506718	1.19637	1.19637	0.0260024	0.494983	-2.02027	21.2537	23.8442	0.997232	1
cg12504828	0.00308834	1.74613	1.74613	0.0333613	1.40815	1.40815	0.120285	0.792972	-1.26108	0.0184078	0.674582	-1.4824	13.807	4.14332	0.266745	1
cg09105881	0.978909	1.00179	1.00179	0.0126026	0.810995	-1.23305	1.67E-07	2.98472	2.98472	0.0196649	1.20963	1.20963	47.1438	3.40532	0.0642069	1
cg12270822	0.0816227	1.29203	1.29203	0.0417328	0.732257	-1.36564	5.28E-07	6.38079	6.38079	0.824893	0.97101	-1.02986	26.6844	7.44861	0.248122	1
cg27507700	0.657023	0.928957	-1.07648	0.0125141	0.599124	-1.6691	1.81E-06	7.10164	7.10164	0.854826	0.970249	-1.03066	19.95	8.59195	0.382821	1
cg06562372	0.422302	1.13119	1.13119	0.0307261	0.682712	-1.46475	2.84E-06	5.39463	5.39463	0.881137	1.02276	1.02276	17.6354	6.31752	0.318426	1
cg00141548	0.992594	0.998324	-1.00168	0.0518958	0.670383	-1.49168	9.36E-06	5.63764	5.63764	0.738402	1.06247	1.06247	13.6444	7.06333	0.460154	1
cg15759056	0.852241	1.05807	1.05807	0.00209777	0.269811	-3.7063	3.15E-05	11.6604	11.6604	0.0237419	0.441687	-2.26405	12.9376	18.7783	1.29018	1
cg22899422	0.0356064	0.468067	-2.13645	0.000222904	0.148486	-6.73462	0.000901547	0.21402	-4.67247	0.0995231	0.57103	-1.75122	11.8901	18.1389	1.35605	1
cg00862116	0.296808	0.717845	-1.39306	0.0166427	0.408168	-2.44997	4.30E-05	10.8239	10.8239	0.15794	0.6296	-1.58831	10.3766	15.4352	1.32223	1
cg19861260	0.443139	0.759923	-1.31592	4.57E-05	0.0668467	-14.9596	0.216984	1.5779	1.5779	0.226275	0.640118	-1.56221	9.53105	18.6088	1.7355	1
cg04099454	0.961605	0.984592	-1.01565	2.53E-05	0.0674161	-14.8332	0.302549	1.41129	1.41129	0.917058	0.966956	-1.03417	9.52519	15.6967	1.46482	1
cg16288248	0.746824	0.937221	-1.06698	0.185171	0.754832	-1.3248	0.000199218	3.49208	3.49208	0.369513	1.20258	1.20258	5.27057	3.3444	0.564038	1
cg25477497	0.125461	1.52874	1.52874	0.0208179	0.490626	-2.03821	0.193032	1.42274	1.42274	0.368029	0.789258	-1.26701	3.93905	4.08703	0.922281	1
cg16772035	0.816996	0.942409	-1.06111	0.0702472	0.590486	-1.69352	0.00168062	3.383	3.383	0.850088	1.0496	1.0496	3.89413	3.9513	0.789197	1
cg05552534	0.0768176	0.805579	-1.24134	0.0760871	0.805051	-1.24216	0.0420248	0.773057	-1.29357	0.516506	1.07494	1.07494	6.50494	1.24346	0.169917	1
cg00355656	0.0342413	0.389223	-2.56922	0.0106734	0.293461	-3.40761	0.0815565	0.478368	-2.09044	0.0192489	0.339059	-2.94934	4.8882	11.2955	2.05403	1
cg11789864	0.856451	1.01546	1.01546	0.64614	0.961597	-1.03994	0.00641108	1.3504	1.3504	0.864951	1.01452	1.01452	3.73906	0.424904	0.101013	1
cg20118424	0.598225	1.11304	1.11304	0.142449	1.37375	1.37375	0.910314	1.02295	1.02295	0.347909	0.823128	-1.21488	5.62224	3.61188	0.571047	1
cg21346679	0.0287268	0.136517	-7.32508	0.12233	0.274603	-3.64162	0.0521846	0.181834	-5.49951	0.0577921	0.190954	-5.23687	3.95695	37.3362	8.38721	1
cg24334048	0.147955	0.348246	-2.87153	0.00504216	0.0804125	-12.4359	0.0453715	0.210146	-4.7586	0.131857	0.331102	-3.02021	3.81491	27.9058	6.50215	1
cg18912768	0.0859388	0.298358	-3.35168	0.00449098	0.0894221	-11.1829	0.133075	0.355998	-2.80901	0.0294508	0.195077	-5.12619	5.3073	34.1442	5.71862	1
cg17960051	0.000554351	0.079563	-12.5686	?	?	?	0.0420598	0.330753	-3.0234	0.26111	0.574903	-1.73942	4.50703	14.1548	3.14059	1
cg09708066	0.257656	0.72813	-1.37338	0.00360319	0.346974	-2.88206	0.231824	1.40049	1.40049	0.024068	0.485436	-2.06	10.7929	12.3316	1.01561	1
cg25679366	2.37E-05	0.0440469	-22.7031	0.726904	0.878263	-1.13861	0.686025	0.860312	-1.16237	0.863643	0.938345	-1.06571	9.23082	20.038	1.92958	1
cg04219946	0.348861	0.782176	-1.27848	0.00570053	0.397104	-2.51823	0.121763	0.652269	-1.53311	0.0593633	0.581471	-1.71978	4.91778	5.05418	0.913542	1
cg04438814	0.808318	1.05467	1.05467	0.00106819	0.346835	-2.88322	0.17583	1.37058	1.37058	0.0485382	1.6381	1.6381	4.73428	3.59649	0.675261	1
cg00919237	0.0716408	1.44985	1.44985	0.00259776	2.16104	2.16104	0.82878	1.04081	1.04081	0.772257	1.05506	1.05506	4.73267	2.55632	0.480128	1
cg06869512	0.043098	0.144518	-6.91954	0.00295211	0.0336322	-29.7334	0.0212243	0.100041	-9.9959	0.0197835	0.0964176	-10.3716	4.47433	48.9538	9.72536	1
cg02000606	0.0755087	0.532811	-1.87684	0.00932604	0.350162	-2.85582	0.00318001	0.2775	-3.6036	0.0856599	0.54636	-1.8303	4.28813	6.87632	1.4254	1
cg20966504	0.47655	0.787311	-1.27015	0.0270629	0.421206	-2.37413	0.290735	0.696131	-1.43651	0.00317257	0.26408	-3.78673	6.93918	11.9948	1.5365	1
cg14878128	0.043847	0.189537	-5.27601	0.00572943	0.0742415	-13.4696	0.0480473	0.197427	-5.06517	0.105743	0.281218	-3.55597	3.74695	30.5874	7.25624	1
cg25826515	0.0411285	0.330412	-3.02653	0.420968	0.679517	-1.47163	0.060684	0.370141	-2.70168	0.0143978	0.242286	-4.12735	4.71804	16.5042	3.10942	1
cg03059575	0.111793	0.660744	-1.51344	0.000796486	0.297575	-3.3605	0.517676	1.16993	1.16993	0.143623	0.6866	-1.45645	4.55148	4.12736	0.80606	1
cg25840822	0.874723	0.920404	-1.08648	0.00228731	0.10627	-9.40997	0.293284	0.563772	-1.77377	0.0262487	0.250104	-3.99833	5.60463	24.5298	3.8904	1
cg23605722	0.00492062	0.511612	-1.95461	0.0274773	0.625567	-1.59855	0.0770078	1.42436	1.42436	0.000558291	0.381746	-2.61954	21.6575	11.0998	0.455571	1
cg23626475	0.915311	1.01667	1.01667	0.000249235	0.390859	-2.55847	0.565013	1.09461	1.09461	0.00229783	0.515719	-1.93904	12.7476	4.87573	0.339984	1
cg22426329	0.00826747	0.176715	-5.65883	0.0063705	0.161656	-6.18596	0.105336	0.40327	-2.47973	0.0209771	0.240423	-4.15933	3.75051	15.646	3.70818	1
cg22066521	0.0804792	0.623948	-1.6027	0.0216238	1.95624	1.95624	0.89307	0.967809	-1.03326	0.808101	1.06099	1.06099	5.45017	5.10935	0.833304	1
cg08290072	0.83737	0.922812	-1.08364	0.57004	1.25191	1.25191	0.0296299	0.358144	-2.79217	0.408368	1.39318	1.39318	4.06008	8.54402	1.84135	1
cg23547073	0.551018	1.10181	1.10181	0.0431167	0.687965	-1.45356	0.392283	1.15127	1.15127	0.122059	1.30912	1.30912	3.48913	1.42754	0.363679	1
cg27486695	0.00897386	0.240391	-4.15989	0.787999	0.899871	-1.11127	0.427833	1.37573	1.37573	0.235955	1.63895	1.63895	5.40395	8.31211	1.53816	1
cg23719549	0.00194309	0.526134	-1.90066	0.150337	0.797817	-1.25342	0.423397	0.887108	-1.12726	0.197518	0.819087	-1.22087	11.6022	3.94392	0.302158	1
cg00139389	0.21184	0.823512	-1.21431	0.00100161	2.05693	2.05693	0.933156	1.01246	1.01246	0.549524	0.914477	-1.09352	9.82228	3.39086	0.306864	1
cg23160428	0.00101998	0.248788	-4.01948	0.1749	1.50998	1.50998	0.311726	0.741632	-1.34838	0.147967	0.64192	-1.55783	8.12745	10.5002	1.14839	1
cg07222181	0.611205	1.07789	1.07789	0.55443	1.09143	1.09143	0.460034	1.11634	1.11634	0.335365	1.15644	1.15644	7.32455	2.48323	0.301359	1
cg02501120	0.3666	0.772585	-1.29436	0.000879206	0.249753	-4.00396	0.944184	1.01967	1.01967	0.0315951	0.49603	-2.01601	7.29722	8.94278	1.08934	1
cg11367539	0.0666519	1.39687	1.39687	0.00524876	1.81915	1.81915	0.651713	1.07665	1.07665	0.128345	0.765549	-1.30625	4.8202	2.01671	0.3719	1
cg05429359	0.053903	0.564368	-1.77189	0.241249	1.37239	1.37239	?	?	?	0.0257711	0.497936	-2.00829	4.86177	4.3993	0.791767	1
cg22134611	0.086428	0.552386	-1.81033	0.0477179	0.491921	-2.03285	0.155844	0.621397	-1.60928	0.0443444	0.484953	-2.06206	4.19332	6.52082	1.38226	1
cg02615599	0.704457	1.04302	1.04302	0.00422431	0.654844	-1.52708	0.0757965	0.803784	-1.24412	0.624431	1.05605	1.05605	3.47212	0.671763	0.171977	1
cg16314862	0.0680269	0.636581	-1.57089	0.233841	0.758945	-1.31762	0.000147833	0.236486	-4.22858	0.050631	0.611269	-1.63594	14.0514	10.8688	0.687554	1
cg11933232	0.938031	0.972742	-1.02802	0.000757357	6.13962	6.13962	0.652989	1.17453	1.17453	0.829214	1.07981	1.07981	4.86984	9.74402	1.77857	1
cg03831648	0.599302	1.08935	1.08935	0.213475	1.23548	1.23548	0.0704191	1.38598	1.38598	0.928743	1.01454	1.01454	4.15089	1.7129	0.366808	1
cg23157618	0.490882	0.649547	-1.53953	0.206623	0.439842	-2.27354	0.0116675	0.143199	-6.98328	0.225593	0.456249	-2.19179	3.76678	22.6831	5.35278	1
cg00376283	0.00530512	0.480999	-2.07901	0.0129312	0.540855	-1.84892	0.403023	1.18586	1.18586	0.675821	1.08738	1.08738	9.13057	5.73776	0.558588	1
cg03297007	0.385429	0.78679	-1.27099	0.000881138	3.83248	3.83248	0.971531	1.00966	1.00966	0.202367	1.43723	1.43723	5.38701	6.19607	1.02239	1
cg07423198	0.341602	0.795315	-1.25736	0.000665089	0.295913	-3.37937	0.179109	0.71638	-1.39591	0.589694	1.13569	1.13569	4.53067	3.9193	0.768941	1
cg26401822	0.241244	0.761771	-1.31273	0.569442	0.880267	-1.13602	0.0366836	1.71334	1.71334	0.0310466	1.7533	1.7533	3.64502	2.84037	0.692665	1
cg00050375	0.0641201	0.591048	-1.69191	0.000311265	0.228026	-4.38547	0.467785	1.20531	1.20531	0.0238797	0.505938	-1.97653	9.81294	9.92872	0.899376	1
cg23781719	0.000698175	0.249225	-4.01244	0.0428675	0.534612	-1.87051	0.526318	0.841549	-1.18828	0.0999903	0.616138	-1.62301	7.20821	8.24173	1.01634	1
cg12572677	0.0598461	0.610984	-1.63671	0.00112139	0.328534	-3.04383	0.62088	1.12264	1.12264	0.0726502	0.628338	-1.5915	7.20551	6.14372	0.757904	1
cg04388863	0.925667	1.01613	1.01613	2.89E-06	0.146943	-6.80537	9.20E-06	0.193219	-5.17547	1.48E-05	0.213923	-4.67457	52.017	24.2158	0.413811	1
cg25274975	0.972501	0.992631	-1.00742	8.66E-06	0.125659	-7.95808	3.13E-05	0.175112	-5.71062	0.0469878	0.613939	-1.62883	32.0975	23.405	0.648166	1
cg08404739	0.264917	1.54011	1.54011	4.64E-05	0.0573785	-17.4281	0.386289	1.39111	1.39111	0.664399	0.850235	-1.17615	8.87717	19.4224	1.94481	1
cg27060831	0.0929978	1.32765	1.32765	0.00807377	1.68253	1.68253	0.00210808	0.515262	-1.94076	0.518369	1.10563	1.10563	18.891	7.03628	0.331082	1
cg10382845	0.0456578	1.43319	1.43319	0.0111335	1.64841	1.64841	0.627495	1.07983	1.07983	0.385989	1.14979	1.14979	9.19472	3.59229	0.347281	1
cg09827812	0.141458	0.612943	-1.63147	0.0451336	0.490866	-2.03722	0.000130744	0.127983	-7.81354	0.652693	0.869154	-1.15054	8.74908	13.2791	1.34913	1
cg09228051	0.624044	1.12913	1.12913	0.000702443	0.280814	-3.56107	0.787934	1.06853	1.06853	0.243506	0.740812	-1.34987	6.02907	5.77116	0.850863	1
cg02938045	0.227455	0.546532	-1.82972	0.000713272	0.0856451	-11.6761	0.00209725	0.127	-7.87401	0.0364316	0.313626	-3.18851	5.84123	21.035	3.20101	1
cg07032488	0.69041	0.839906	-1.19061	0.00577203	0.206751	-4.83674	0.279744	0.612826	-1.63179	0.00993703	0.241953	-4.13304	5.64821	16.9876	2.67342	1
cg26758427	0.702377	0.94131	-1.06235	0.0169787	1.58189	1.58189	2.01E-06	0.157563	-6.34667	0.256743	0.829875	-1.205	20.0092	7.86481	0.349387	1
cg14074641	0.00146496	0.367057	-2.72438	0.000987765	0.343639	-2.91003	0.921112	1.02185	1.02185	0.0489322	0.612279	-1.63324	6.04165	4.55484	0.67014	1
cg04098547	0.735056	0.847106	-1.18049	0.0231984	0.265604	-3.76501	0.0453592	0.325822	-3.06916	0.21073	0.525068	-1.90451	5.02145	18.9791	3.35965	1
cg08447910	0.266228	0.681205	-1.46799	0.584272	1.20094	1.20094	0.0181662	0.386551	-2.58698	0.766654	0.906089	-1.10364	3.54836	6.17143	1.54598	1
cg02591442	0.870936	0.97658	-1.02398	0.000798872	0.478093	-2.09164	0.000165571	0.392409	-2.54836	0.611079	0.927977	-1.07761	12.3997	4.17181	0.299061	1
cg12940073	0.243928	1.38291	1.38291	0.350104	1.29144	1.29144	0.000569304	0.241895	-4.13402	0.933879	1.02231	1.02231	8.66452	9.70357	0.995484	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07861968	ABCC12;ABCC12	0.00668444	0.632422	0.890498	-1.12297	0.0993013	0.647388	-1.54467	0.599147	0.880166	-1.13615	0.248777	0.748171	-1.33659	0.576375	1.14549	1.14549
cg11429658	ABCC13;ABCC13	0.00148746	0.0136603	0.495119	-2.01972	0.13101	1.45614	1.45614	0.0230117	0.534397	-1.87127	0.302817	0.78193	-1.27889	0.000202665	0.237832	-4.20465
cg04985582	ABCC13;ABCC13	0.00511091	0.00101651	0.144523	-6.91931	0.746576	0.879241	-1.13734	0.241245	0.614528	-1.62727	0.100192	0.489249	-2.04395	0.00121492	0.152639	-6.55139
cg05202042	ABCC13;ABCC13	0.0429656	0.018579	0.360281	-2.77561	0.201166	0.617006	-1.62073	0.299128	0.680496	-1.46952	0.210293	0.623618	-1.60354	0.0628988	0.473088	-2.11377
cg00178030	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	1.26E-05	0.000582035	0.749624	-1.334	2.39E-06	1.86096	1.86096	0.005257	1.22068	1.22068	0.705595	1.02078	1.02078	0.00200149	0.789528	-1.26658
cg17199483	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.000103666	0.000144173	0.322038	-3.10522	0.00781517	1.80546	1.80546	0.00132593	0.445775	-2.24329	0.00638371	0.541094	-1.84811	0.000499961	0.389791	-2.56548
cg02370953	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.000322475	0.715175	1.06042	1.06042	0.00392119	1.86148	1.86148	0.245161	0.823177	-1.21481	0.0781491	0.731053	-1.36789	7.98E-05	0.319641	-3.12851
cg02471954	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.00253699	0.0952442	0.715662	-1.39731	0.0605572	0.679636	-1.47138	0.30039	0.822132	-1.21635	0.411143	0.857801	-1.16577	4.42E-05	0.243508	-4.10663
cg04885396	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.00308088	0.753483	1.03589	1.03589	0.70715	0.958644	-1.04314	0.00288106	1.58199	1.58199	0.52155	0.929876	-1.07541	0.00465262	0.656247	-1.52382
cg05834353	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.00602955	0.00520607	0.606125	-1.64982	0.0126058	1.5238	1.5238	0.221692	0.839947	-1.19055	0.0131037	0.658483	-1.51864	0.0179665	0.676766	-1.47762
cg08863775	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.00678946	0.00114792	1.97862	1.97862	0.079894	1.31978	1.31978	0.0123484	0.640959	-1.56016	0.802134	1.0365	1.0365	0.0214697	0.674054	-1.48356
cg03305305	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0108801	0.972141	1.00484	1.00484	0.0507804	1.35991	1.35991	0.310004	1.15617	1.15617	0.0739054	1.31675	1.31675	0.00511746	0.599932	-1.66686
cg02010829	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0118054	0.00211743	0.251815	-3.97117	0.0702316	0.524157	-1.90783	0.126199	0.589725	-1.69571	0.0311849	0.446154	-2.24138	0.0903466	0.551189	-1.81426
cg03653601	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0122358	0.337398	0.787428	-1.26996	0.579266	0.873425	-1.14492	0.00158156	0.334169	-2.9925	0.0502956	0.58322	-1.71462	0.0108663	0.461735	-2.16575
cg01633149	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0131971	0.0170798	0.466485	-2.14369	0.105419	1.59035	1.59035	0.92584	1.02472	1.02472	0.281577	0.745648	-1.34112	0.00537298	0.382361	-2.61533
cg02185727	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0156867	0.100613	0.80909	-1.23596	0.0229846	0.725892	-1.37761	0.220245	0.859142	-1.16395	0.0410378	0.757509	-1.32012	0.0834976	0.797994	-1.25314
cg06503456	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0159245	0.361473	0.890577	-1.12287	0.0107528	1.48575	1.48575	0.767875	0.964096	-1.03724	0.0562878	0.765652	-1.30608	0.547337	0.927532	-1.07813
cg01471604	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0194892	0.788905	1.03483	1.03483	0.0383082	0.736195	-1.35834	0.0142451	0.679964	-1.47067	0.288385	0.868822	-1.15098	0.0172957	0.690794	-1.44761
cg26907427	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0216964	0.940483	1.0142	1.0142	0.0633628	0.6742	-1.48324	0.00461723	0.490822	-2.0374	0.388895	1.18143	1.18143	0.148465	0.746285	-1.33997
cg01394781	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0228083	0.973096	1.01732	1.01732	0.121764	2.34949	2.34949	0.0610078	2.93069	2.93069	0.124812	2.33067	2.33067	0.0545929	3.03555	3.03555
cg20158248	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0262778	0.77426	0.950978	-1.05155	0.0605619	0.690828	-1.44754	0.017687	0.60392	-1.65585	0.036819	0.654488	-1.52791	0.158907	1.30107	1.30107
cg01332683	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0292254	0.0338872	0.191472	-5.22269	0.00349817	0.0710775	-14.0692	0.0136858	0.130697	-7.65128	0.0512053	0.227229	-4.40085	0.0210026	0.156766	-6.37893
cg04981696	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0308247	0.940173	1.0161	1.0161	0.00709149	2.09603	2.09603	0.0253538	1.76021	1.76021	0.689452	0.918103	-1.0892	0.126288	0.703377	-1.42171
cg09109383	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.031011	0.044196	0.289356	-3.45595	0.0730225	0.342106	-2.92307	0.00903993	0.168624	-5.93036	0.0982299	0.377982	-2.64563	0.0238174	0.235283	-4.25019
cg05297692	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0388676	0.0597831	1.47534	1.47534	0.00283814	2.12204	2.12204	0.869097	1.03066	1.03066	0.776045	1.05361	1.05361	0.0112874	1.78783	1.78783
cg05774166	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.045876	0.942499	0.981525	-1.01882	0.997919	0.999326	-1.00067	0.29926	0.757212	-1.32063	0.590167	1.15092	1.15092	0.151503	0.672152	-1.48776
cg05914069	ABCC2	0.000104282	0.0147566	0.724672	-1.37993	0.0059879	1.47039	1.47039	2.94E-06	0.301899	-3.31236	0.389369	0.909675	-1.09929	0.00361373	0.655258	-1.52612
cg17044311	ABCC2	0.000166259	0.442298	0.891876	-1.12123	0.406334	0.88331	-1.1321	0.992432	0.998616	-1.00139	0.661492	0.937672	-1.06647	0.277404	0.847899	-1.17939
cg13617376	ABCC2	0.00181028	0.161362	0.726818	-1.37586	0.642258	0.905018	-1.10495	0.429051	1.18794	1.18794	0.000220327	0.268953	-3.71812	0.938277	0.983614	-1.01666
cg16201095	ABCC2	0.0124257	0.223821	1.42319	1.42319	0.279683	1.36389	1.36389	0.145274	0.649288	-1.54015	0.413024	1.25999	1.25999	0.220737	0.700823	-1.42689
cg12673726	ABCC2	0.0202016	0.0864734	0.269035	-3.71699	0.126373	3.147	3.147	0.883396	1.1071	1.1071	0.122588	0.313509	-3.1897	0.0372876	0.187145	-5.34346
cg14303526	ABCC2	0.0210727	0.271278	0.654186	-1.52862	0.0153616	0.332101	-3.01113	0.0111916	0.307936	-3.24742	0.150054	0.56455	-1.77132	0.00382566	0.235807	-4.24076
cg00826767	ABCC2	0.0343302	0.170746	0.436622	-2.29031	0.462718	0.653976	-1.52911	0.128289	0.392986	-2.54462	0.705201	1.241	1.241	0.00911357	0.152268	-6.56737
cg25290633	ABCC2	0.0382903	0.563418	1.1687	1.1687	0.0354062	0.520114	-1.92266	0.00248861	0.325691	-3.07039	0.867554	1.04555	1.04555	0.161203	0.670766	-1.49083
cg07520093	ABCC2	0.0425844	0.00468848	0.319114	-3.13368	0.452468	1.26188	1.26188	0.0550007	1.93716	1.93716	0.0407641	0.487848	-2.04982	0.319417	1.36709	1.36709
cg14592673	ABCC3	0.0176555	0.00558318	0.581418	-1.71993	0.0207036	0.66032	-1.51442	0.096632	0.762037	-1.31227	0.787462	0.960536	-1.04109	0.092282	0.758752	-1.31795
cg05599550	ABCC3;ABCC3	0.000359898	0.00221224	0.266062	-3.75852	0.000234337	0.152089	-6.57511	5.39E-05	0.0978279	-10.222	0.00269297	0.277969	-3.59752	0.00637995	0.334251	-2.99176
cg20633883	ABCC3;ABCC3	0.000562729	0.000730691	0.588943	-1.69796	0.577618	0.943644	-1.05972	0.896163	0.986626	-1.01355	1.21E-05	0.385476	-2.59419	0.12308	0.841766	-1.18798
cg23340875	ABCC3;ABCC3	0.000667376	0.00263145	0.568488	-1.75905	6.87E-05	0.372565	-2.68409	0.000804418	0.503551	-1.9859	0.00907609	0.637774	-1.56795	0.0227586	0.690893	-1.4474
cg00081975	ABCC3;ABCC3	0.00127279	0.464619	1.15879	1.15879	0.00524575	2.07321	2.07321	0.419016	0.849156	-1.17764	0.00114214	2.57843	2.57843	0.0575898	0.653634	-1.52991
cg25928474	ABCC3;ABCC3	0.002772	0.000691776	0.179585	-5.56838	0.203807	0.641	-1.56006	0.000495285	0.163987	-6.09803	0.0167503	0.37978	-2.6331	0.661731	0.864172	-1.15718
cg27222669	ABCC3;ABCC3	0.0119183	0.0326032	0.533702	-1.87371	0.858274	1.0459	1.0459	0.00132353	0.309543	-3.23057	0.295542	1.31305	1.31305	0.00715319	0.418103	-2.39176
cg26623266	ABCC3;ABCC3	0.0134827	0.543695	0.765686	-1.30602	0.00888313	0.235419	-4.24774	0.00429476	0.19035	-5.25348	0.297105	0.625279	-1.59929	0.00297469	0.170243	-5.87396
cg19643390	ABCC3;ABCC3	0.0344286	0.144043	1.37234	1.37234	0.0276677	0.591544	-1.69049	0.232639	0.776921	-1.28713	0.446494	1.16939	1.16939	0.864762	0.966207	-1.03498
cg14808360	ABCC4	0.00170907	0.00560738	1.82452	1.82452	0.000741748	2.33258	2.33258	0.00241646	2.01084	2.01084	0.0284461	1.53356	1.53356	0.00341887	0.518035	-1.93037
cg10272922	ABCC4	0.00336603	0.0229425	0.557431	-1.79395	0.106008	0.6844	-1.46113	0.284045	0.787378	-1.27004	0.907153	1.02538	1.02538	4.97E-05	0.194834	-5.13258
cg18016288	ABCC4;ABCC4	1.46E-05	7.48E-05	0.463331	-2.15828	0.0111631	0.711603	-1.40528	0.00355714	0.655378	-1.52584	0.214596	1.15	1.15	4.23E-06	0.320569	-3.11946
cg15388598	ABCC4;ABCC4	0.00604202	0.00546092	0.70555	-1.41733	0.96088	1.00469	1.00469	0.00147654	1.54934	1.54934	0.803128	1.02413	1.02413	0.0489771	1.23928	1.23928
cg10304534	ABCC4;ABCC4	0.0113069	0.125081	0.568471	-1.75911	0.293326	1.44897	1.44897	0.536865	0.808366	-1.23706	0.127862	1.7507	1.7507	0.00179332	0.220603	-4.53304
cg26751094	ABCC4;ABCC4	0.0183843	0.0081656	0.318563	-3.1391	0.0154743	0.366516	-2.72839	0.145349	0.58956	-1.69618	0.688357	1.14596	1.14596	0.00385901	0.268331	-3.72674
cg24107165	ABCC4;ABCC4	0.0299692	0.523325	0.951253	-1.05125	0.116273	0.876453	-1.14096	0.00245969	0.722221	-1.38462	0.589713	1.04296	1.04296	0.0925821	1.15374	1.15374
cg18728109	ABCC5	0.00055692	0.072276	0.772646	-1.29425	0.0293195	0.718853	-1.39111	2.30E-05	0.336607	-2.97083	0.42561	1.11029	1.11029	0.27897	1.15574	1.15574
cg02915290	ABCC5	0.0127381	0.219266	0.772595	-1.29434	0.293819	0.804561	-1.24291	0.492452	0.870036	-1.14938	0.0817393	1.46996	1.46996	0.00676631	2.01578	2.01578
cg22599229	ABCC5	0.0196323	0.333503	0.841312	-1.18862	0.800149	0.95701	-1.04492	0.224499	1.24734	1.24734	0.174737	0.778768	-1.28408	0.00443345	0.518023	-1.93041
cg13341498	ABCC5	0.0290501	0.11464	0.768633	-1.30101	0.452933	1.12441	1.12441	0.567812	1.09259	1.09259	0.278443	0.841275	-1.18867	0.00853842	0.597704	-1.67307
ch.3.3584022R	ABCC5	0.0315648	0.0213638	0.328436	-3.04473	0.797955	1.10879	1.10879	0.961033	1.01986	1.01986	0.000982221	0.139079	-7.19015	0.470156	0.743945	-1.34419
cg00581783	ABCC5;ABCC5	0.000126029	0.238806	1.25806	1.25806	0.110456	1.38219	1.38219	0.567225	1.11362	1.11362	0.0710379	1.45538	1.45538	0.00655535	0.518336	-1.92925
cg10513161	ABCC5;ABCC5	0.000237627	0.00240596	0.673652	-1.48445	0.514598	1.06369	1.06369	5.52E-05	0.496021	-2.01604	0.171778	0.872908	-1.1456	0.000306457	0.578243	-1.72938
cg16378421	ABCC5;ABCC5	0.00045753	0.963488	1.00436	1.00436	0.0022984	0.666825	-1.49964	0.0505423	0.809027	-1.23605	2.62E-05	2.20588	2.20588	0.0989616	0.841951	-1.18772
cg09230938	ABCC5;ABCC5	0.0037463	0.0326934	1.61566	1.61566	0.009718	1.87363	1.87363	0.0489581	1.53965	1.53965	0.67956	0.923363	-1.083	0.409858	0.850619	-1.17561
cg11320499	ABCC5;ABCC5	0.0259288	0.293824	1.74335	1.74335	0.295318	0.574666	-1.74014	0.00238458	0.11517	-8.68282	0.0163326	0.223448	-4.47531	0.225079	1.91626	1.91626
cg26091908	ABCC5;ABCC5	0.0399215	0.158955	1.17007	1.17007	0.0718501	1.23325	1.23325	0.0176952	1.35117	1.35117	0.852949	1.01955	1.01955	0.013034	1.37901	1.37901
cg01136471	ABCC6	0.00427769	0.985638	0.99668	-1.00333	0.0138648	1.75364	1.75364	0.0555025	0.669714	-1.49317	0.21728	0.78679	-1.27099	0.000863928	0.396995	-2.51893
cg07965331	ABCC6	0.015721	0.120411	0.802433	-1.24621	0.247611	0.853895	-1.1711	0.00114287	0.535296	-1.86812	0.121264	0.802905	-1.24548	0.782191	0.964435	-1.03688
cg16474952	ABCC6;ABCC6	0.00263655	0.0533579	0.662452	-1.50954	0.0628362	0.675204	-1.48103	0.117584	0.726933	-1.37564	0.395241	1.17748	1.17748	4.32E-05	0.232888	-4.2939
cg03933520	ABCC6P1	0.0176277	0.713891	0.942679	-1.06081	0.0179597	1.58559	1.58559	0.233854	0.818671	-1.22149	0.988616	0.997715	-1.00229	0.00213454	0.500736	-1.99706
cg03790908	ABCC8	0.00515794	0.000452474	2.80391	2.80391	0.0801761	0.696267	-1.43623	0.709596	0.932612	-1.07226	0.0443268	1.53847	1.53847	0.161314	1.32179	1.32179
cg25308976	ABCC8	0.00954832	0.159093	1.43362	1.43362	0.859839	1.04321	1.04321	0.967823	0.990392	-1.0097	0.114727	1.50765	1.50765	0.000213936	0.227694	-4.39186
cg20222568	ABCC8	0.0196448	0.0218994	0.304918	-3.27957	0.0878282	0.443232	-2.25616	0.891183	1.0609	1.0609	0.960404	1.02167	1.02167	0.00641571	0.216235	-4.6246
cg06535308	ABCC8	0.0281198	0.847948	0.969565	-1.03139	0.676012	1.07007	1.07007	0.00150784	2.18563	2.18563	0.86556	0.973086	-1.02766	0.730211	0.945763	-1.05735
cg14051368	ABCC8	0.0471009	0.0358281	0.460161	-2.17315	0.012371	2.69048	2.69048	0.149186	1.63494	1.63494	0.421968	0.770506	-1.29785	0.0330432	0.452851	-2.20823
cg20025970	ABCC9;ABCC9;ABCC9	0.000493417	0.278151	1.26323	1.26323	0.0698338	0.656988	-1.5221	0.000438409	0.316316	-3.1614	0.470848	1.16416	1.16416	2.87E-05	0.182199	-5.4885
cg25747468	ABCC9;ABCC9;ABCC9	0.00293696	0.742388	0.947083	-1.05587	0.0979465	0.741381	-1.34883	0.000651595	0.422503	-2.36685	0.0894878	0.734469	-1.36153	0.000305626	0.38034	-2.62923
cg22534545	ABCD1	0.00402242	0.247513	1.33934	1.33934	0.276239	1.31481	1.31481	0.00155454	0.333098	-3.00212	0.908936	1.02804	1.02804	0.000264014	0.234941	-4.25638
cg26980789	ABCD2	0.00313503	0.0805729	0.640852	-1.56042	0.0028887	0.390394	-2.56152	0.280893	1.29347	1.29347	0.0669995	0.624134	-1.60222	0.491895	1.17383	1.17383
cg18019088	ABCD3;ABCD3	0.00316418	0.00384698	0.419531	-2.38361	0.356617	0.80943	-1.23544	0.241063	0.760584	-1.31478	0.348881	0.806502	-1.23992	0.000243387	0.258535	-3.86794
cg17906523	ABCD3;ABCD3	0.00721381	0.382705	0.906428	-1.10323	0.199491	1.1604	1.1604	0.000759115	1.75089	1.75089	0.525277	0.931793	-1.0732	0.369749	0.903851	-1.10638
cg15562706	ABCD3;ABCD3	0.0106868	0.692911	0.89155	-1.12164	0.199213	1.48041	1.48041	0.0726171	0.560293	-1.78478	0.950237	0.982111	-1.01821	0.0489531	1.91596	1.91596
cg11237362	ABCD3;ABCD3	0.0121262	0.0380257	0.550028	-1.81809	0.0511719	0.575828	-1.73663	0.0762575	0.612474	-1.63272	0.128586	0.664813	-1.50418	0.00116438	0.305691	-3.27127
cg10504545	ABCD4;ABCD4	4.08E-06	0.282072	1.15368	1.15368	0.795938	1.0337	1.0337	0.00729072	0.642395	-1.55668	0.000852906	0.526833	-1.89814	0.0302883	1.38501	1.38501
cg05878073	ABCD4;ABCD4	0.00780023	0.27805	0.747653	-1.33752	0.608647	0.87534	-1.14241	0.471072	1.20808	1.20808	0.924322	0.975801	-1.0248	0.0672213	0.589298	-1.69693
cg26346441	ABCD4;ABCD4	0.0084438	0.439288	0.785993	-1.27228	0.0059836	0.333932	-2.99462	0.000257743	0.159406	-6.27327	0.234661	0.683659	-1.46272	0.747276	1.10374	1.10374
cg01507833	ABCD4;ABCD4	0.00868904	0.0681609	1.34647	1.34647	0.00394523	0.568478	-1.75908	0.00115084	0.498662	-2.00537	0.0838936	0.756849	-1.32127	0.670246	1.06437	1.06437
cg10071848	ABCD4;ABCD4	0.0178361	0.0412417	0.542967	-1.84173	0.144947	0.6663	-1.50082	0.367006	0.78635	-1.2717	0.986401	1.00443	1.00443	0.00543896	0.387293	-2.58203
cg01713095	ABCE1;ABCE1	0.0192958	0.145332	0.588049	-1.70054	0.0122917	0.346892	-2.88275	0.00440822	0.275109	-3.63492	0.0128272	0.350147	-2.85595	0.00500395	0.283349	-3.52922
cg19065314	ABCE1;ABCE1;ABCE1;ANAPC10;ABCE1	0.0358859	0.78651	1.18677	1.18677	0.831701	0.8744	-1.14364	0.1483	0.372179	-2.68688	0.039063	0.21414	-4.66985	0.284603	2.02372	2.02372
cg09504398	ABCE1;ANAPC10;ABCE1	0.0033018	0.540007	0.862249	-1.15976	0.0556691	1.67869	1.67869	8.29E-05	5.43576	5.43576	0.0306371	0.545137	-1.8344	0.609078	0.884071	-1.13113
cg21253282	ABCE1;ANAPC10;ABCE1	0.031854	0.00682528	2.00195	2.00195	0.0391295	1.60457	1.60457	0.847809	0.962659	-1.03879	0.602432	0.90114	-1.10971	0.0372475	1.61434	1.61434
cg19628694	ABCE1;ANAPC10;ANAPC10;ABCE1;ABCE1;ABCE1	0.00837265	0.706253	0.942156	-1.0614	0.452321	1.12805	1.12805	0.0293991	0.667832	-1.49738	0.0721455	1.37142	1.37142	0.713909	1.05966	1.05966
cg22643189	ABCF1;ABCF1	4.83E-06	0.000492029	0.270182	-3.70121	0.0178239	0.50127	-1.99493	0.388026	0.80886	-1.23631	0.0235511	0.522869	-1.91252	3.72E-08	0.0090809	-110.121
cg04714201	ABCF1;ABCF1	3.39E-05	0.035243	0.862587	-1.1593	0.00590393	1.24247	1.24247	1.45E-06	2.09126	2.09126	0.0664744	1.13207	1.13207	0.0102534	1.21536	1.21536
cg06251929	ABCF1;ABCF1	7.59E-05	2.95E-06	0.01629	-61.3872	0.000202814	0.138859	-7.20155	0.0307357	2.0001	2.0001	0.223953	1.39712	1.39712	0.000532191	0.191087	-5.23322
cg05177685	ABCF1;ABCF1	0.00100494	0.00192211	0.21716	-4.60491	0.0111364	3.02392	3.02392	0.0366042	0.429727	-2.32706	0.0805147	0.509616	-1.96226	0.0711801	0.496159	-2.01548
cg02086286	ABCF1;ABCF1	0.00140464	0.00125169	0.163257	-6.12531	0.226514	1.62959	1.62959	0.0131811	0.306724	-3.26026	0.00247732	0.198342	-5.04181	0.0259558	0.361849	-2.76358
cg16317730	ABCF1;ABCF1	0.00239895	0.655508	1.25001	1.25001	0.00920232	6.03103	6.03103	0.0759064	2.7703	2.7703	?	?	?	0.0551118	0.323091	-3.09511
cg13099117	ABCF1;ABCF1	0.00410891	0.00469412	0.418064	-2.39198	0.169044	1.40503	1.40503	0.622555	1.12204	1.12204	0.0101296	0.471037	-2.12298	0.0561974	0.605393	-1.65182
cg16792604	ABCF1;ABCF1	0.00537658	0.00343405	0.27888	-3.58577	0.693856	1.13553	1.13553	0.802618	1.08379	1.08379	0.369034	0.743484	-1.34502	0.230123	1.49857	1.49857
cg18762252	ABCF1;ABCF1	0.00645452	0.000262235	0.358924	-2.78611	0.327492	1.18842	1.18842	0.0561778	1.4468	1.4468	0.546989	1.1097	1.1097	0.151197	0.768989	-1.30041
cg22409504	ABCF1;ABCF1	0.00761738	0.0270258	0.266649	-3.75025	0.78616	1.14717	1.14717	0.0344964	0.287967	-3.47262	0.00854175	0.18375	-5.44219	0.00934327	0.189301	-5.28259
cg10982113	ABCF1;ABCF1	0.00772904	0.144841	0.59198	-1.68925	0.0786057	0.519937	-1.92331	0.0132276	0.357665	-2.79591	0.475338	0.784243	-1.27512	0.049438	0.47205	-2.11842
cg24297727	ABCF1;ABCF1	0.00869019	0.00987195	0.565989	-1.76682	0.241458	1.23867	1.23867	0.406305	0.862173	-1.15986	0.155712	0.767088	-1.30363	0.0120514	0.578945	-1.72728
cg03020891	ABCF1;ABCF1	0.0103456	0.0446768	0.353546	-2.82849	0.00801736	0.215988	-4.62988	0.0323742	0.323	-3.09598	0.0552852	0.375286	-2.66463	0.00165996	0.131345	-7.61354
cg08805748	ABCF1;ABCF1	0.0113966	0.01676	0.148159	-6.74951	0.000665798	0.0331323	-30.182	0.122716	0.334922	-2.98577	0.112709	0.323262	-3.09347	0.0347364	0.199909	-5.00228
cg26484464	ABCF1;ABCF1	0.0165973	0.0689005	0.452675	-2.20909	0.880535	1.0603	1.0603	0.063011	0.442977	-2.25745	0.0974577	2.03	2.03	0.00275947	0.200341	-4.99149
cg18015044	ABCF1;ABCF1	0.020443	0.0187539	0.484593	-2.06359	0.392891	0.80041	-1.24936	0.00134179	0.305637	-3.27186	0.294534	1.31856	1.31856	0.748638	1.08521	1.08521
cg12495593	ABCF1;ABCF1	0.0301075	0.322975	0.744314	-1.34352	0.655969	1.13848	1.13848	0.64008	0.872653	-1.14593	0.00117918	0.252474	-3.96081	0.0710637	0.558076	-1.79187
cg08652722	ABCF1;ABCF1	0.0318744	0.00811996	0.438473	-2.28064	0.608625	1.13387	1.13387	0.0345444	0.549011	-1.82146	0.348419	0.790691	-1.26472	0.0111915	0.461467	-2.167
cg00678158	ABCF1;ABCF1	0.033806	0.0316114	2.64767	2.64767	?	?	?	0.0671245	2.17931	2.17931	0.0409972	2.47318	2.47318	0.202459	0.606862	-1.64782
cg25632840	ABCF1;ABCF1	0.0419041	0.0263603	0.165462	-6.04369	0.164864	0.363453	-2.75138	0.352661	0.520324	-1.92188	0.687987	0.758996	-1.31753	0.108608	0.302559	-3.30514
cg07983888	ABCF1;ABCF1	0.0464581	0.00659187	0.159327	-6.2764	0.342919	0.601248	-1.66321	0.231097	0.519931	-1.92333	0.145162	0.442823	-2.25824	0.0346826	0.277456	-3.60417
cg09502511	ABCF1;ABCF1;ABCF1;ABCF1	0.014702	0.415105	0.724952	-1.3794	0.125411	1.89727	1.89727	0.0840436	2.09204	2.09204	0.705376	0.863584	-1.15797	0.398062	0.715978	-1.39669
cg06140764	ABCF1;ABCF1;ABCF1;ABCF1	0.0360832	0.969541	1.00766	1.00766	0.0278201	0.594774	-1.68131	0.209791	1.30231	1.30231	0.00750155	0.502705	-1.98924	0.845458	1.03977	1.03977
cg04292889	ABCF1;ABCF1;MIR877	0.00108648	0.528412	0.872962	-1.14553	0.000859981	0.344882	-2.89954	0.000233076	0.272905	-3.66428	0.0801609	1.51124	1.51124	0.464483	0.85354	-1.17159
cg20635067	ABCF1;ABCF1;MIR877	0.0262287	0.010115	0.239203	-4.18055	0.0625066	0.396852	-2.51983	0.219306	0.565811	-1.76738	0.750133	1.15126	1.15126	0.454326	0.714624	-1.39934
cg27147545	ABCF2;ABCF2	0.000253536	0.00725784	0.333399	-2.99941	0.00486758	0.306087	-3.26705	0.134237	1.6689	1.6689	0.00044445	0.172388	-5.80088	0.542149	0.822265	-1.21615
cg06386408	ABCF2;ABCF2	0.001788	0.75571	1.03481	1.03481	0.0618634	0.794106	-1.25928	0.765797	0.96778	-1.03329	0.305306	0.89014	-1.12342	3.37E-05	0.414321	-2.41359
cg02148324	ABCF2;ABCF2	0.00215243	0.84969	0.944785	-1.05844	0.0200385	0.431675	-2.31656	0.00501558	0.329092	-3.03867	0.272466	1.40769	1.40769	0.00052955	0.198753	-5.03136
cg17825100	ABCF2;ABCF2	0.00235514	0.00580781	1.45214	1.45214	0.0030478	1.52055	1.52055	0.126305	1.18623	1.18623	0.161117	1.16712	1.16712	0.0521358	1.2562	1.2562
cg08499057	ABCF2;ABCF2	0.0116694	0.085246	1.23599	1.23599	0.0168294	0.722679	-1.38374	0.010514	0.698729	-1.43117	0.509279	0.928164	-1.0774	0.471195	1.08504	1.08504
cg07824710	ABCF2;ABCF2	0.0224601	0.0542457	0.505694	-1.97748	0.00354083	0.29116	-3.43454	0.105128	0.575398	-1.73793	0.411939	0.769626	-1.29933	0.0153364	0.394989	-2.53172
cg24632865	ABCF3	0.000190724	0.323246	0.873055	-1.1454	0.0123772	1.51331	1.51331	0.000751869	0.506554	-1.97412	0.0953595	1.27609	1.27609	0.0402267	1.37076	1.37076
cg08447922	ABCF3	0.0162682	0.66912	0.918911	-1.08825	0.566307	0.892226	-1.12079	0.300679	1.23486	1.23486	0.128338	1.38175	1.38175	0.000378893	0.327236	-3.0559
cg22574986	ABCF3	0.0163417	0.216562	0.784025	-1.27547	0.286033	0.812757	-1.23038	0.000738314	2.60957	2.60957	0.886733	0.973684	-1.02703	0.982754	0.995964	-1.00405
cg02316713	ABCG1;ABCG1	0.00261821	0.534787	0.872858	-1.14566	0.0528494	1.6097	1.6097	0.0461498	0.610026	-1.63927	0.0362758	0.590601	-1.69319	0.000299512	0.280134	-3.56972
cg20214535	ABCG1;ABCG1	0.0155615	0.0493815	0.577836	-1.7306	0.415036	1.22598	1.22598	0.332606	0.783158	-1.27688	0.380345	1.24615	1.24615	0.00304154	0.370496	-2.69908
cg17526396	ABCG1;ABCG1	0.0158077	0.509106	0.889197	-1.12461	0.0448533	1.49739	1.49739	0.412046	1.15843	1.15843	0.129133	0.750117	-1.33313	0.194537	0.786134	-1.27205
cg08663969	ABCG1;ABCG1	0.0196013	0.0791248	0.669873	-1.49282	0.302524	0.8029	-1.24548	0.0923333	0.683333	-1.46342	0.000491661	0.325647	-3.07081	0.218549	0.766445	-1.30472
cg23245768	ABCG1;ABCG1;ABCG1	0.00130402	0.178152	0.815637	-1.22604	0.0649169	1.34346	1.34346	0.000121583	0.384482	-2.6009	0.266376	0.847936	-1.17933	0.000151827	0.396238	-2.52373
cg06030219	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.000211094	?	?	?	0.018974	3.76058	3.76058	0.000171351	30.9451	30.9451	0.0639793	0.389539	-2.56714	0.000316799	0.0463719	-21.5648
cg01289965	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.00114773	0.0209953	1.77088	1.77088	0.986095	0.99642	-1.00359	0.549441	0.882801	-1.13276	0.0134071	1.87806	1.87806	0.0279812	1.70634	1.70634
cg26767954	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.0058998	0.989055	0.996936	-1.00307	0.0411414	1.69402	1.69402	0.189701	0.732888	-1.36446	0.423802	1.20052	1.20052	0.0902207	0.658558	-1.51847
cg27243685	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.00896488	0.338115	0.787732	-1.26947	0.087889	0.63437	-1.57637	0.0224092	0.516334	-1.93673	0.420538	0.819681	-1.21999	0.160634	0.696201	-1.43637
cg06500161	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.0151248	0.0175436	0.429681	-2.32731	0.0630879	0.54282	-1.84223	0.119555	0.610406	-1.63825	0.351443	0.755589	-1.32347	0.000410381	0.194034	-5.15374
cg25615529	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.0183789	0.193292	0.781145	-1.28017	0.00468081	1.9632	1.9632	0.0291297	1.58617	1.58617	0.806847	1.04493	1.04493	0.383095	1.17407	1.17407

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07861968	0.105829	1.52979	1.52979	0.657334	0.89813	-1.11343	0.000113487	0.19573	-5.10908	0.154991	0.693314	-1.44235	6.7108	6.1555	0.815336	1
cg11429658	0.0454252	0.589292	-1.69695	0.859436	1.0417	1.0417	0.00170409	2.80836	2.80836	0.421032	0.827419	-1.20858	10.5049	8.83678	0.747736	1
cg04985582	0.0538505	0.419442	-2.38412	0.00345497	0.206827	-4.83495	0.103421	0.493155	-2.02776	0.00420111	0.218313	-4.58058	7.28957	18.1876	2.21779	1
cg05202042	0.0136917	0.336042	-2.97582	0.0170457	0.353302	-2.83044	0.157722	1.71659	1.71659	0.253777	0.652921	-1.53158	3.58692	7.26859	1.80126	1
cg00178030	0.00577171	0.822033	-1.2165	9.46E-06	1.67797	1.67797	0.088828	1.10704	1.10704	0.716884	0.980463	-1.01993	38.1911	1.77554	0.0413252	1
cg17199483	0.14512	0.762807	-1.31095	2.40E-05	0.23288	-4.29405	0.0766865	0.711268	-1.40594	0.000197712	0.338832	-2.95132	21.9283	10.399	0.421536	1
cg02370953	0.000103195	0.332984	-3.00315	0.108825	1.32304	1.32304	0.489947	0.893817	-1.1188	0.00453429	0.54591	-1.8318	16.1278	6.54429	0.360691	1
cg02471954	0.0146792	0.577954	-1.73024	0.102581	1.38542	1.38542	0.270729	0.811164	-1.2328	0.160726	0.760751	-1.31449	8.99307	4.74421	0.468925	1
cg04885396	0.045816	0.773989	-1.29201	0.000727437	1.77712	1.77712	0.318375	0.890999	-1.12234	0.576859	0.938865	-1.06512	8.49077	1.68414	0.176311	1
cg05834353	0.782857	1.03823	1.03823	0.0342205	1.39864	1.39864	0.488033	1.10039	1.10039	0.0350241	0.716386	-1.3959	6.92864	2.02338	0.259583	1
cg08863775	0.678387	1.06135	1.06135	0.555738	0.918432	-1.08881	0.0514452	1.37245	1.37245	0.234672	0.837061	-1.19466	6.67834	2.15625	0.286997	1
cg03305305	0.151176	0.808578	-1.23674	0.405482	0.88908	-1.12476	0.0125582	1.53545	1.53545	0.0151499	1.51011	1.51011	5.7528	1.73858	0.268635	1
cg02010829	0.00949267	0.350322	-2.85452	0.00167498	0.238306	-4.19629	0.475332	0.793187	-1.26074	0.034709	0.455758	-2.19415	5.60311	9.0407	1.43423	1
cg03653601	0.451549	0.830819	-1.20363	0.13145	1.48214	1.48214	0.847289	1.04769	1.04769	0.00621883	0.422368	-2.3676	5.5384	5.1216	0.821995	1
cg01633149	0.0503418	0.557059	-1.79514	0.0954204	1.61681	1.61681	0.706581	1.10427	1.10427	0.00898862	0.418421	-2.38994	5.40351	5.88671	0.968376	1
cg02185727	0.00546786	1.53784	1.53784	0.0460305	0.763898	-1.30907	0.19225	1.17654	1.17654	0.655078	0.948415	-1.05439	5.10443	1.12168	0.19533	1
cg06503456	0.690331	1.05072	1.05072	0.00108824	1.81398	1.81398	0.871035	0.980129	-1.02027	0.731456	1.04348	1.04348	5.07898	1.22764	0.214854	1
cg01471604	0.299402	1.14707	1.14707	0.0164258	1.45369	1.45369	0.180039	0.833897	-1.19919	0.080375	0.780786	-1.28076	4.74605	1.22349	0.229149	1
cg26907427	0.392606	0.847585	-1.17982	0.00667464	1.94354	1.94354	0.509971	1.1345	1.1345	0.975387	1.00584	1.00584	4.57569	2.58361	0.501901	1
cg01394781	0.0451788	3.22278	3.22278	0.000777013	13.3244	13.3244	0.0301582	3.66311	3.66311	0.269992	1.79486	1.79486	4.49781	18.4731	3.65079	1
cg20158248	0.515181	0.891056	-1.12226	0.144879	0.760575	-1.31479	0.0377801	0.656324	-1.52364	0.00407617	0.509746	-1.96176	4.28214	2.07206	0.430119	1
cg01332683	0.104174	0.305553	-3.27275	0.036733	0.197995	-5.05063	0.320513	0.504068	-1.98386	0.100487	0.300946	-3.32286	4.12492	29.0987	6.27056	1
cg04981696	0.49477	0.86288	-1.15891	0.0201146	0.550779	-1.81561	0.932362	0.982105	-1.01822	0.542713	0.877154	-1.14005	4.0476	2.90083	0.637048	1
cg09109383	0.0900857	0.367097	-2.72408	0.00307626	0.113746	-8.79156	0.49279	0.688199	-1.45307	0.171665	0.458124	-2.18281	4.03892	18.4084	4.05134	1
cg05297692	0.275775	1.23069	1.23069	0.672901	0.925202	-1.08085	0.574692	1.10938	1.10938	0.386085	0.849864	-1.17666	3.72222	1.97612	0.471909	1
cg05774166	0.560855	0.858972	-1.16418	0.000967585	0.28089	-3.56012	0.363258	1.27322	1.27322	0.464597	0.82497	-1.21217	3.50013	3.70457	0.940806	1
cg05914069	0.500702	1.07611	1.07611	0.01658	1.36896	1.36896	0.258101	1.13501	1.13501	0.679017	0.956325	-1.04567	21.8935	3.99372	0.162147	1
cg17044311	0.133548	0.789491	-1.26664	1.59E-06	0.170937	-5.85011	0.510905	0.907193	-1.1023	?	?	?	19.8002	5.94696	0.300348	1
cg13617376	0.00112067	0.359325	-2.78299	0.00123879	0.365273	-2.73768	0.263895	0.780015	-1.28203	0.00442263	0.444687	-2.24877	9.92537	7.1539	0.640683	1
cg16201095	0.852446	0.949883	-1.05276	0.0016654	0.288813	-3.46245	0.586419	1.1638	1.1638	0.00272718	0.318979	-3.135	5.51073	6.65524	1.0735	1
cg12673726	0.645699	1.37842	1.37842	0.00265088	0.0559789	-17.8639	0.0150359	0.125933	-7.94074	0.105666	0.293644	-3.40549	4.68855	35.6906	6.76648	1
cg14303526	0.0436736	0.423468	-2.36145	0.00830558	0.286453	-3.49098	0.0710974	0.473764	-2.11076	0.0467311	0.430113	-2.32497	4.62157	10.049	1.93278	1
cg00826767	0.928884	1.05202	1.05202	0.00336995	0.103774	-9.63635	0.352846	0.580932	-1.72137	0.0199287	0.202672	-4.93408	3.89424	19.9058	4.54365	1
cg25290633	0.377169	1.27359	1.27359	0.138036	1.53141	1.53141	0.849985	0.950724	-1.05183	0.392276	0.791443	-1.26351	3.7427	4.22169	1.00265	1
cg07520093	0.424525	0.78048	-1.28126	0.517096	1.22092	1.22092	0.533935	0.825771	-1.21099	0.461391	0.796229	-1.25592	3.59882	5.26362	1.30009	1
cg14592673	0.935399	1.01215	1.01215	0.128827	0.783055	-1.27705	0.0618156	0.730972	-1.36804	0.00132316	0.498618	-2.00554	4.90689	1.72524	0.31253	1
cg05599550	0.0143603	0.393857	-2.53899	0.000374361	0.172673	-5.7913	0.000886376	0.214877	-4.65381	0.00592992	0.32921	-3.03758	15.6488	23.6221	1.34179	1
cg20633883	0.00444021	0.676097	-1.47908	0.0729798	0.81366	-1.22901	0.0316223	0.771177	-1.29672	0.891326	1.0142	1.0142	13.8288	2.32865	0.149681	1
cg23340875	0.231399	0.843428	-1.18564	0.010882	0.648113	-1.54294	0.000206427	0.430388	-2.32349	0.0253417	0.697251	-1.4342	13.186	3.84286	0.259054	1
cg00081975	0.000156331	3.60226	3.60226	0.0519651	0.645423	-1.54937	0.10316	1.42334	1.42334	0.816554	1.04709	1.04709	10.9854	6.82228	0.552029	1
cg25928474	0.532716	0.81097	-1.23309	0.00112923	0.204139	-4.89863	0.0780508	0.522454	-1.91404	0.0138012	0.364507	-2.74343	8.76098	15.2559	1.54786	1
cg27222669	0.852155	1.04796	1.04796	0.168076	0.691535	-1.44606	0.128153	0.661697	-1.51127	0.0133349	0.463139	-2.15918	5.58585	5.57703	0.887485	1
cg26623266	0.0103613	0.245952	-4.06584	0.139331	0.501034	-1.99587	0.017947	0.286718	-3.48774	0.0605396	0.398816	-2.50742	5.36578	16.035	2.65633	1
cg19643390	0.14928	0.732089	-1.36595	0.0140653	1.84291	1.84291	0.0339488	1.64752	1.64752	0.318561	1.23108	1.23108	3.89021	2.5058	0.572559	1
cg14808360	0.417593	1.14679	1.14679	0.0273578	1.53976	1.53976	0.342228	0.850606	-1.17563	0.650863	1.07824	1.07824	10.0922	4.36999	0.384894	1
cg10272922	0.0207022	0.549733	-1.81907	0.331032	0.806195	-1.24039	0.710741	1.0833	1.0833	0.150425	0.718144	-1.39248	8.26974	6.04271	0.649512	1
cg18016288	4.48E-05	0.437531	-2.28555	6.84E-06	0.343999	-2.90699	0.538089	1.06896	1.06896	5.18E-05	0.444858	-2.24791	36.7408	6.65889	0.161102	1
cg15388598	0.723945	1.03442	1.03442	0.184502	0.874302	-1.14377	0.00599361	1.40885	1.40885	0.840915	0.981003	-1.01937	6.92422	0.998807	0.128221	1
cg10304534	0.398642	0.74529	-1.34176	0.0390267	2.25403	2.25403	0.0114073	2.93655	2.93655	0.980984	1.00814	1.00814	5.68186	10.4148	1.62932	1
cg26751094	0.0300743	0.422274	-2.36813	0.0288718	0.418653	-2.38862	0.0227789	0.398151	-2.51161	0.362789	0.729011	-1.37172	4.84058	8.75394	1.60751	1
cg24107165	0.60267	1.04141	1.04141	0.395519	0.93498	-1.06954	0.0545137	0.844898	-1.18358	0.050938	0.842152	-1.18743	4.08832	0.386522	0.0840383	1
cg18728109	0.219498	1.18061	1.18061	0.00318628	1.67844	1.67844	0.021002	0.699758	-1.42907	0.596625	0.933623	-1.0711	13.8688	3.63185	0.232775	1
cg02915290	0.552465	1.12752	1.12752	0.000777487	2.76057	2.76057	0.563117	1.12383	1.12383	0.756097	1.0642	1.0642	5.46633	3.45271	0.561451	1
cg22599229	0.0039476	0.510871	-1.95744	0.0101759	0.570425	-1.75308	0.837363	0.965023	-1.03624	0.167809	0.77519	-1.29001	4.73429	2.24985	0.422422	1
cg13341498	0.271216	0.838894	-1.19205	0.00517913	1.76122	1.76122	0.785628	0.95905	-1.0427	0.411504	0.879163	-1.13745	4.1337	1.53984	0.331119	1
ch.3.3584022R	0.0697922	0.442059	-2.26214	0.433163	0.724702	-1.37988	0.504518	0.761365	-1.31343	0.73918	1.14398	1.14398	4.01348	10.3018	2.28159	1
cg00581783	0.668195	1.08354	1.08354	1.84E-06	0.109927	-9.09694	0.516706	1.13014	1.13014	0.679459	0.925597	-1.08038	20.8094	11.4118	0.487462	1
cg10513161	0.000298139	0.576943	-1.73327	0.000158515	0.546895	-1.8285	0.721523	1.03401	1.03401	0.0657505	0.824534	-1.21281	17.5307	2.424	0.122908	1
cg16378421	0.982554	0.997923	-1.00208	0.0265827	0.778826	-1.28398	0.0153945	1.32684	1.32684	0.751504	0.97024	-1.03067	14.6463	2.09801	0.127328	1
cg09230938	0.0140436	1.7898	1.7898	0.00552411	2.01384	2.01384	0.000258732	3.17087	3.17087	0.0338159	1.60915	1.60915	8.00884	4.67402	0.518762	1
cg11320499	0.592292	1.31775	1.31775	0.175084	0.478962	-2.08785	0.228666	1.90576	1.90576	0.887316	0.930185	-1.07506	4.30219	17.7527	3.66794	1
cg26091908	0.790116	1.02822	1.02822	0.522386	0.934599	-1.06998	0.505892	1.07296	1.07296	0.00561806	1.46121	1.46121	3.6858	0.635347	0.153224	1
cg01136471	0.271234	1.23564	1.23564	0.00269947	0.464994	-2.15056	0.613517	1.09865	1.09865	0.0524508	0.665383	-1.50289	7.69494	4.15881	0.480409	1
cg07965331	0.0161417	1.46902	1.46902	0.250863	0.854902	-1.16972	0.879928	0.980442	-1.01995	0.064904	0.762724	-1.31109	5.10073	1.37924	0.240356	1
cg16474952	0.0105544	0.546826	-1.82874	0.314959	0.822857	-1.21528	0.894567	1.02519	1.02519	0.226182	0.787844	-1.26929	8.8916	4.95805	0.495654	1
cg03933520	0.185328	1.25253	1.25253	0.0304584	0.665172	-1.50337	0.588992	1.09138	1.09138	0.268503	0.83131	-1.20292	4.90948	1.99815	0.361776	1
cg03790908	0.199293	1.2878	1.2878	0.0102438	0.546838	-1.82869	0.908309	0.978742	-1.02172	0.214065	0.783508	-1.27631	7.26919	4.00446	0.489673	1
cg25308976	0.401846	1.22797	1.22797	0.266779	1.31907	1.31907	0.917913	1.02498	1.02498	0.686618	0.907487	-1.10194	5.99849	5.44238	0.806481	1
cg20222568	0.217694	0.571177	-1.75077	0.00429292	0.192154	-5.20416	0.0194316	0.29514	-3.38823	0.0230483	0.309186	-3.2343	4.73327	13.9822	2.62581	1
cg06535308	0.451951	0.883627	-1.1317	0.311956	0.844279	-1.18444	0.295526	0.838943	-1.19198	0.0180394	1.61137	1.61137	4.61305	1.85368	0.312536	1
cg14051368	0.992375	0.996968	-1.00304	0.512141	0.809531	-1.23528	0.572757	0.834326	-1.19857	0.265812	0.691748	-1.44561	3.46561	5.5444	1.42207	1
cg20025970	0.286569	1.25773	1.25773	0.0480906	1.59702	1.59702	0.166342	1.35772	1.35772	0.124036	0.708129	-1.41217	14.3432	9.75363	0.604462	1
cg25747468	0.316111	0.842955	-1.1863	0.411798	1.14835	1.14835	0.885154	1.02411	1.02411	0.00373992	0.524502	-1.90657	8.61226	3.7059	0.382493	1
cg22534545	0.579867	1.14468	1.14468	0.473286	1.19275	1.19275	0.741632	0.92316	-1.08324	0.0749189	0.619199	-1.61499	7.83927	7.25052	0.822131	1
cg26980789	0.000192119	0.236458	-4.22908	0.213417	0.740216	-1.35096	0.0162866	0.509427	-1.96299	0.245672	1.32151	1.32151	8.44688	7.05187	0.742088	1
cg18019088	0.0504134	0.608194	-1.64421	0.0202631	0.535702	-1.86671	0.00343835	0.412254	-2.42569	0.00196396	0.376913	-2.65313	8.42365	6.63397	0.700037	1
cg17906523	0.208824	1.1565	1.1565	0.0332415	0.760989	-1.31408	0.882957	0.983963	-1.0163	0.00456441	1.51364	1.51364	6.55329	1.25006	0.169559	1
cg15562706	0.253668	1.41166	1.41166	0.239112	0.700083	-1.4284	0.964417	1.01299	1.01299	0.000426799	0.19927	-5.01832	5.78606	7.66522	1.17758	1
cg11237362	0.07137	0.606214	-1.64958	0.00243019	0.350276	-2.8549	0.990654	1.00292	1.00292	0.026654	0.52055	-1.92104	5.55461	5.43463	0.869689	1
cg10504545	4.85E-08	0.0885059	-11.2987	0.158531	0.824679	-1.21259	0.230273	1.17464	1.17464	0.0345093	1.37068	1.37068	51.1345	13.2457	0.230254	1
cg05878073	0.532585	0.849617	-1.177	0.000538605	0.249615	-4.00617	0.0234557	2.00954	2.00954	0.00938579	0.427767	-2.33772	6.39479	6.73233	0.935808	1
cg26346441	0.0778615	0.549809	-1.81881	0.312156	1.37601	1.37601	0.202792	0.663338	-1.50753	0.732253	0.900467	-1.11054	6.23708	9.2062	1.31204	1
cg01507833	0.647445	0.935136	-1.06936	0.0906269	1.31198	1.31198	0.359582	0.871798	-1.14705	0.738107	0.9523	-1.05009	6.18087	2.07665	0.298649	1
cg10071848	0.0579444	0.573535	-1.74357	0.00180277	0.31624	-3.16215	0.696013	0.903176	-1.1072	0.0123609	0.44584	-2.24296	4.89014	5.20987	0.947006	1
cg01713095	0.275166	0.680124	-1.47032	0.0588338	0.484528	-2.06386	0.829811	1.07582	1.07582	0.158342	0.599273	-1.66869	4.76211	8.69506	1.62301	1
cg19065314	0.320766	1.9157	1.9157	0.00172645	0.0503137	-19.8753	0.790802	1.18257	1.18257	0.846055	1.13041	1.13041	4.1983	25.8778	4.79414	1
cg09504398	0.155178	1.43822	1.43822	0.358504	1.25303	1.25303	0.52712	0.858063	-1.16542	0.187396	1.39625	1.39625	8.31744	7.51799	0.803452	1
cg21253282	0.0293307	0.601446	-1.66266	0.38913	0.839618	-1.19102	0.819226	1.04638	1.04638	0.746958	1.06622	1.06622	4.00042	2.48559	0.552296	1
cg19628694	0.797336	1.04133	1.04133	0.00284056	0.523826	-1.90903	0.00122358	0.475014	-2.1052	0.623102	1.08107	1.08107	6.25376	2.45286	0.348641	1
cg22643189	0.997385	1.00079	1.00079	0.00125015	0.32295	-3.09646	0.0409117	0.567923	-1.7608	0.00561577	0.418232	-2.39102	48.9611	44.5793	0.809337	1
cg04714201	0.0228737	0.848646	-1.17835	0.43681	0.953312	-1.04897	0.000355174	0.70777	-1.41289	0.0174476	1.19057	1.19057	29.4859	1.69663	0.0511472	1
cg06251929	0.00694636	0.370871	-2.69636	0.662169	1.11996	1.11996	0.00297003	0.305325	-3.27519	0.00162184	0.262219	-3.81361	45.8657	45.7331	0.66474	1
cg05177685	0.00268677	0.236306	-4.23181	0.000145906	0.102988	-9.70986	0.861969	0.941277	-1.06239	0.00529432	0.278541	-3.59013	11.7501	22.5038	1.7024	1
cg02086286	0.0369173	0.393772	-2.53954	0.000154486	0.0826533	-12.0987	0.212421	0.603465	-1.6571	0.00335125	0.215439	-4.64168	10.6794	25.0131	2.08194	1
cg16317730	?	?	?	0.000243032	0.0251012	-39.8387	0.436824	0.672923	-1.48605	0.07515	0.359728	-2.77988	14.1777	40.8885	2.472	1
cg13099117	0.1086	0.666189	-1.50108	0.00059267	0.291999	-3.42467	0.0209633	0.52485	-1.90531	0.00727711	0.447805	-2.23311	7.78912	6.64456	0.758272	1
cg16792604	0.000667208	0.187658	-5.32885	0.706164	0.885426	-1.1294	0.155372	1.62982	1.62982	0.021587	2.42654	2.42654	7.17736	11.7335	1.45315	1
cg18762252	0.439481	0.874018	-1.14414	0.664965	0.928288	-1.07725	0.864724	1.02955	1.02955	0.011885	0.58494	-1.70958	6.78413	3.13384	0.41061	1
cg22409504	0.0268541	0.266112	-3.75781	0.00149031	0.0989874	-10.1023	0.801432	1.13568	1.13568	0.00604864	0.163609	-6.11212	6.44257	26.0101	3.58864	1
cg10982113	0.0171807	0.37826	-2.64369	0.00022248	0.127699	-7.83094	0.889787	1.04752	1.04752	0.0454045	0.463772	-2.15623	6.41323	11.3859	1.57811	1
cg24297727	0.0124012	0.580816	-1.72172	0.00266728	0.484279	-2.06492	0.00347966	0.500468	-1.99813	0.173164	0.776454	-1.28791	6.18061	2.98287	0.428994	1
cg03020891	0.0215085	0.287749	-3.47525	0.00293983	0.158435	-6.31172	0.12887	0.476975	-2.09655	0.0262268	0.304387	-3.28529	5.84665	18.842	2.86462	1
cg08805748	0.291268	0.488575	-2.04677	0.00291671	0.0689025	-14.5133	0.121378	0.333392	-2.99947	0.0822508	0.283897	-3.52241	5.66738	38.3977	6.02241	1
cg26484464	0.0529576	0.424733	-2.35442	0.00653914	0.252698	-3.95729	0.444513	0.738248	-1.35456	0.109683	0.507149	-1.97181	5.00945	12.0262	2.13396	1
cg18015044	0.967802	1.01032	1.01032	0.199918	0.708617	-1.4112	0.0820946	1.6323	1.6323	0.731079	1.09172	1.09172	4.66964	4.78509	0.910867	1
cg12495593	0.29921	0.732557	-1.36508	0.170086	1.52601	1.52601	0.609286	1.16079	1.16079	0.290138	1.37377	1.37377	4.08164	5.40844	1.17783	1
cg08652722	0.0238204	0.518836	-1.92739	0.206973	0.72342	-1.38232	0.456743	1.20248	1.20248	0.0711266	0.612368	-1.633	3.9995	3.74883	0.833177	1
cg00678158	0.00867413	3.8057	3.8057	0.0192133	3.02869	3.02869	0.06154	2.22795	2.22795	0.214959	1.62249	1.62249	4.92687	8.74773	1.33164	1
cg25632840	0.152772	0.351326	-2.84636	0.00205383	0.0514806	-19.4248	0.0790498	0.263951	-3.78859	0.0305309	0.176173	-5.67624	3.62039	26.7545	6.56885	1
cg07983888	0.025851	0.252171	-3.96556	0.0240011	0.246128	-4.06292	0.982244	1.01165	1.01165	0.0376946	0.285044	-3.50823	3.48359	14.9573	3.81658	1
cg09502511	0.0106186	0.289195	-3.45788	0.00101225	0.152123	-6.57361	0.419531	0.727257	-1.37503	0.416636	0.72575	-1.37788	5.21517	12.315	2.09901	1
cg06140764	0.185927	0.755581	-1.32348	0.403131	1.18646	1.18646	0.02652	0.591225	-1.6914	0.25334	1.26922	1.26922	3.82463	2.41909	0.562226	1
cg04292889	0.000263787	0.279403	-3.57906	0.134166	0.70922	-1.41	0.686588	1.09011	1.09011	0.148822	0.719387	-1.39007	11.4926	8.23574	0.636988	1
cg20635067	0.00684326	0.213488	-4.68411	0.0252304	0.309384	-3.23222	0.836308	1.0955	1.0955	0.00970024	0.236335	-4.23127	4.28494	13.1896	2.73611	1
cg27147545	0.0313162	0.448833	-2.228	8.31E-06	0.0458494	-21.8105	0.0126084	0.373923	-2.67435	0.00525408	0.311188	-3.21349	17.2239	27.4372	1.41598	1
cg06386408	0.0390506	0.769611	-1.29936	0.0303787	0.756528	-1.32183	0.275887	1.13232	1.13232	0.168097	1.17474	1.17474	9.96109	1.89625	0.169214	1
cg02148324	0.562122	0.839065	-1.1918	0.00103399	0.233398	-4.28453	0.00159463	0.257647	-3.88128	0.0482484	0.508777	-1.9655	9.43742	13.3959	1.26173	1
cg17825100	0.572218	0.942775	-1.0607	0.000596403	0.578605	-1.72829	0.349988	1.10443	1.10443	0.0200918	1.33585	1.33585	9.19189	1.55201	0.150084	1
cg08499057	0.0199667	0.731455	-1.36714	0.0120044	1.41753	1.41753	0.449004	1.08971	1.08971	0.167565	0.848912	-1.17798	5.62418	1.10444	0.174555	1
cg07824710	0.0288794	0.44744	-2.23494	0.00930013	0.357041	-2.8008	0.0169049	0.402717	-2.48313	0.339954	0.735673	-1.3593	4.52169	6.97675	1.37151	1
cg24632865	0.0325046	1.39516	1.39516	1.00E-05	0.283357	-3.52912	0.408605	1.11903	1.11903	0.718994	1.04925	1.04925	18.6092	5.21793	0.249241	1
cg08447922	0.988729	1.00278	1.00278	0.243706	1.27117	1.27117	0.514982	1.13869	1.13869	0.677766	0.921091	-1.08567	5.04301	3.09057	0.544749	1
cg22574986	0.209963	1.28046	1.28046	0.0373969	0.636366	-1.57142	0.993241	1.00159	1.00159	0.184723	1.30113	1.30113	5.03544	2.79232	0.492918	1
cg02316713	0.32202	0.801471	-1.24771	0.680647	0.914366	-1.09365	0.00185182	0.384461	-2.60104	0.00340958	0.42279	-2.36524	8.90993	6.60335	0.658776	1
cg20214535	0.26564	0.753013	-1.328	0.00348018	0.3792	-2.63713	0.0165624	0.48881	-2.04579	0.73812	0.921219	-1.08552	5.11802	4.84749	0.841905	1
cg17526396	0.117939	0.742535	-1.34674	0.187966	0.782988	-1.27716	0.000652415	0.399993	-2.50005	0.34388	0.842853	-1.18645	5.09142	2.47912	0.43282	1
cg08663969	0.205384	0.759873	-1.31601	0.456225	1.16879	1.16879	0.624776	0.903649	-1.10662	0.307151	1.2427	1.2427	4.73683	3.16925	0.594726	1
cg23245768	0.532052	0.913791	-1.09434	0.32673	0.865701	-1.15513	0.469251	0.900438	-1.11057	0.0580807	0.737049	-1.35676	10.9094	3.50541	0.285617	1
cg06030219	0.000272025	0.0425329	-23.5112	0.00853569	0.202234	-4.94476	?	?	?	0.327518	1.55791	1.55791	33.6513	74.2334	1.89082	1
cg01289965	0.0347249	0.602524	-1.65969	6.20E-05	0.218829	-4.56978	0.551447	0.883367	-1.13203	0.196899	0.755189	-1.32417	11.3146	7.59056	0.596325	1
cg26767954	0.460593	1.18301	1.18301	0.00119461	0.345642	-2.89317	0.00235128	2.58454	2.58454	0.562972	1.13977	1.13977	6.97531	5.52892	0.704571	1
cg27243685	0.789564	0.937413	-1.06677	0.00147673	0.330054	-3.02981	0.00930414	2.21935	2.21935	0.112827	1.51745	1.51745	6.11996	5.65893	0.821927	1
cg06500161	0.71867	1.11151	1.11151	0.0541103	0.527894	-1.89432	0.554879	0.839837	-1.19071	0.127641	0.617911	-1.61836	5.16651	6.98874	1.2024	1
cg25615529	0.00360786	2.02774	2.02774	0.691429	1.0742	1.0742	0.219354	1.2608	1.2608	0.0213709	1.64245	1.64245	4.84106	2.46817	0.453191	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10192877	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.0198218	0.147477	1.4486	1.4486	0.609045	1.13088	1.13088	0.853574	0.956903	-1.04504	0.106746	1.52183	1.52183	0.0191807	1.96541	1.96541	0.00848537	2.2281	2.2281	0.0868191	0.637018	-1.56981	0.00983808	2.17711	2.17711	0.0236217	1.90482	1.90482	4.71888	4.24914	0.800404	1
cg21410080	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.0407606	0.189261	0.764945	-1.30728	0.0228849	0.59182	-1.6897	0.0164545	0.568489	-1.75905	0.626829	1.09901	1.09901	0.012269	0.548241	-1.82402	0.712416	1.07394	1.07394	?	?	?	0.0420741	0.636798	-1.57036	0.653906	0.916719	-1.09085	3.71482	1.94157	0.522656	1
cg25295218	ABCG2	0.00080777	0.302635	0.889415	-1.12433	0.172159	0.852574	-1.17292	0.789091	0.971004	-1.02986	0.00521577	0.667297	-1.49858	0.521856	0.931231	-1.07385	0.746229	1.03628	1.03628	4.71E-05	0.430835	-2.32107	0.75862	1.03441	1.03441	0.00104722	1.70289	1.70289	12.498	2.38423	0.169572	1
cg27493371	ABCG2	0.00158815	0.0215506	0.872008	-1.14678	0.472135	0.964362	-1.03695	0.0212999	0.871689	-1.1472	0.00865969	0.847006	-1.18063	0.116091	0.918753	-1.08843	0.0421666	0.890342	-1.12316	2.99E-05	0.666708	-1.49991	0.628255	1.0245	1.0245	0.0151898	0.862458	-1.15948	10.3085	0.401946	0.0346592	1
cg24352530	ABCG2	0.0437399	0.0968804	0.568773	-1.75817	0.327831	1.36718	1.36718	0.261025	0.695607	-1.43759	0.779269	1.0909	1.0909	0.243496	0.685317	-1.45918	0.648603	0.867565	-1.15265	0.0129909	0.385013	-2.59732	0.00998845	2.73806	2.73806	0.567536	0.836169	-1.19593	3.56314	5.4107	1.3498	1
cg17168875	ABCG4;ABCG4	0.00209537	0.729842	0.939723	-1.06414	0.616451	0.913413	-1.09479	0.000898251	0.410101	-2.43843	0.168982	0.768883	-1.30059	7.40E-05	0.274803	-3.63898	0.296763	0.823652	-1.2141	0.0126911	0.573784	-1.74282	0.362942	0.84562	-1.18256	0.348106	1.18915	1.18915	9.5118	4.84499	0.45277	1
cg09518742	ABCG4;ABCG4	0.0070654	0.000291458	0.22693	-4.40665	0.389865	1.24764	1.24764	0.520487	1.1777	1.1777	0.242999	0.735805	-1.35906	0.0565839	0.581614	-1.71935	0.0497548	1.75419	1.75419	0.0330452	0.534791	-1.86989	0.900018	1.03207	1.03207	0.869879	1.04203	1.04203	6.59596	6.58698	0.887679	1
cg22138302	ABCG4;ABCG4	0.0114535	0.0921049	0.739158	-1.35289	0.268568	1.20664	1.20664	0.633303	1.0815	1.0815	0.301424	0.839852	-1.19069	0.00635503	0.560428	-1.78435	0.888995	1.02303	1.02303	0.0012149	2.16405	2.16405	0.8655	0.972744	-1.02802	0.192446	1.25217	1.25217	5.65826	2.38124	0.374083	1
cg10024063	ABCG4;ABCG4	0.039344	0.842266	0.976462	-1.02411	0.335661	0.888083	-1.12602	0.0570751	1.29353	1.29353	0.829996	0.974622	-1.02604	0.135348	0.82495	-1.21219	0.0298166	1.3575	1.3575	0.251729	0.866625	-1.1539	0.0428829	1.32128	1.32128	0.0177606	1.41144	1.41144	3.70561	0.838797	0.201208	1
cg01930503	ABCG5	2.80E-06	0.821921	1.0353	1.0353	0.00121004	0.482311	-2.07335	0.430942	0.883654	-1.13166	0.583966	1.08882	1.08882	6.86E-06	0.215598	-4.63826	0.172427	1.25039	1.25039	5.24E-08	0.0556586	-17.9667	0.0681901	1.3692	1.3692	0.0499444	0.70892	-1.4106	56.3524	21.1304	0.333306	1
cg21827955	ABCG5	0.000558458	0.000502418	0.407618	-2.45328	0.000383931	0.392645	-2.54683	0.00226399	0.494281	-2.02314	0.45909	1.13241	1.13241	0.000193116	0.355152	-2.81569	0.761318	1.05154	1.05154	0.000857127	0.437819	-2.28405	0.0720784	0.718092	-1.39258	0.615341	0.919828	-1.08716	13.8581	5.97179	0.383042	1
cg04221886	ABCG5	0.00857955	0.775831	1.09673	1.09673	0.00985778	2.87142	2.87142	0.431413	1.29654	1.29654	0.50947	1.24162	1.24162	0.356463	0.735844	-1.35898	0.938262	1.02537	1.02537	0.000592892	0.179906	-5.55847	0.134492	1.68521	1.68521	0.0697778	1.92673	1.92673	6.20572	10.28	1.47247	1
cg04680150	ABCG5;ABCG8	0.000361487	0.74644	0.939153	-1.06479	0.00440993	0.479294	-2.0864	0.00141069	0.408859	-2.44583	0.517294	0.880704	-1.13545	7.53E-06	0.148691	-6.72535	0.00522172	0.490144	-2.04022	0.424778	1.17084	1.17084	0.0210004	0.584348	-1.71131	0.104561	0.709425	-1.40959	15.6299	9.26852	0.527111	1
cg01186613	ABCG5;ABCG8	0.000923784	0.765301	0.97104	-1.02982	0.00143759	0.636151	-1.57195	0.00262502	1.50511	1.50511	0.00138399	1.57639	1.57639	0.227746	1.13234	1.13234	0.672015	1.04269	1.04269	0.000245987	1.8122	1.8122	0.670389	0.958845	-1.04292	0.309031	1.10887	1.10887	12.0337	1.83645	0.135653	1
cg00705576	ABCG5;ABCG8	0.00446777	0.201096	0.73979	-1.35174	0.0195348	1.87758	1.87758	0.0556819	0.616318	-1.62254	0.00191398	0.374947	-2.66705	0.112293	0.679813	-1.47099	0.00573562	0.445586	-2.24424	0.0162028	1.928	1.928	0.277912	1.28642	1.28642	0.8171	1.05307	1.05307	7.59426	5.99306	0.701473	1
cg21783355	ABCG5;ABCG8	0.016455	0.197198	0.818082	-1.22237	0.22475	0.82877	-1.20661	0.00135968	0.504148	-1.98354	0.0586565	0.73009	-1.36969	0.0153579	0.645198	-1.54991	0.0840603	1.32517	1.32517	0.269002	1.18478	1.18478	0.876707	0.977392	-1.02313	0.538102	0.912272	-1.09616	5.02385	1.72606	0.305398	1
cg19123339	ABCG5;ABCG8	0.0286401	0.0249631	0.740324	-1.35076	0.107463	1.21896	1.21896	0.097086	0.81446	-1.22781	0.498346	1.08055	1.08055	0.00583139	0.665728	-1.50212	0.522454	1.07579	1.07579	0.0893582	1.23505	1.23505	0.30061	0.886136	-1.12849	0.328014	0.892447	-1.12051	4.15453	0.835755	0.178815	1
cg11113753	ABCG5;ABCG8	0.030968	0.0379389	0.425718	-2.34897	0.278766	0.670571	-1.49127	0.842003	0.931628	-1.07339	0.0325626	0.411587	-2.42962	0.00216071	0.216976	-4.6088	0.394708	1.36252	1.36252	0.463638	1.30305	1.30305	0.591861	0.825264	-1.21173	0.0540577	0.460272	-2.17263	4.04092	8.05906	1.77277	1
cg07681696	ABCG5;ABCG8;ABCG5	0.0168176	0.170916	0.766639	-1.30439	0.511997	0.885844	-1.12887	0.0276756	0.622223	-1.60714	0.193624	0.77826	-1.28492	0.00350111	0.485808	-2.05843	0.660502	1.08389	1.08389	0.00863924	1.84084	1.84084	0.125138	0.73894	-1.35329	0.759466	1.05757	1.05757	4.98744	2.62393	0.467651	1
cg08453096	ABCG5;ABCG8;ABCG5	0.0481361	0.825536	1.08665	1.08665	0.425137	0.735966	-1.35876	0.901015	0.954242	-1.04795	0.475412	1.31415	1.31415	0.000935598	0.155854	-6.41625	0.839201	1.07948	1.07948	0.687458	1.16443	1.16443	0.580336	0.810413	-1.23394	0.159216	0.567625	-1.76173	3.43729	7.71331	1.99468	1
cg25029903	ABCG8	0.00157717	0.0159438	0.476711	-2.09771	0.712242	1.09746	1.09746	0.71568	0.912262	-1.09618	0.625688	1.13135	1.13135	0.0054226	0.399073	-2.5058	0.182209	0.700883	-1.42677	0.000963477	3.4345	3.4345	0.00259952	0.350871	-2.85005	0.00189824	0.33131	-3.01832	10.3292	10.3087	0.887129	1
cg13724820	ABCG8	0.0062845	0.843368	1.089	1.089	0.760093	1.14111	1.14111	0.268775	0.60872	-1.64279	0.017065	0.28557	-3.50177	0.000375694	0.0862458	-11.5948	0.0874613	2.25489	2.25489	0.186368	1.82896	1.82896	0.134933	0.49929	-2.00284	0.0216264	0.304633	-3.28263	6.84049	20.123	2.61489	1
cg22207732	ABCG8;ABCG5	8.52E-05	0.000217375	0.412536	-2.42403	0.0833718	0.759466	-1.31671	0.190416	0.819509	-1.22024	?	?	?	5.48E-06	0.228781	-4.37099	0.00667894	0.603415	-1.65723	0.00519783	1.69799	1.69799	0.0961748	1.29986	1.29986	0.897875	1.0186	1.0186	23.698	6.87497	0.290107	1
cg00459909	ABCG8;ABCG5	0.0248948	0.00228461	0.336781	-2.96929	0.390028	1.252	1.252	0.0334483	0.530441	-1.88522	0.918781	1.02637	1.02637	0.94499	0.982547	-1.01776	0.935108	1.021	1.021	0.0295436	1.92284	1.92284	0.21762	1.39228	1.39228	0.874595	0.960501	-1.04112	4.36362	4.49938	0.916543	1
cg10317145	ABCG8;ABCG5	0.0315291	0.68669	0.920773	-1.08604	0.0245313	1.72511	1.72511	0.371206	0.829521	-1.20552	0.72106	0.929619	-1.07571	0.0354758	0.607514	-1.64605	0.205278	0.761826	-1.31264	0.00467859	2.14988	2.14988	0.852524	0.962826	-1.03861	0.593113	0.896022	-1.11604	4.0151	2.63503	0.583359	1
cg20353465	ABHD1	0.000914996	0.0692799	0.831832	-1.20217	0.0020611	1.48175	1.48175	0.00281484	1.45185	1.45185	0.00294234	0.690747	-1.44771	0.95031	1.00566	1.00566	0.000523166	0.61271	-1.63209	0.0356555	0.801294	-1.24798	0.399962	1.08119	1.08119	0.642814	1.04322	1.04322	12.0662	1.56859	0.115554	1
cg22488352	ABHD10	0.000351199	0.826657	0.9552	-1.0469	0.000190184	3.72289	3.72289	0.025868	1.73822	1.73822	0.00129298	2.66384	2.66384	0.706069	0.923873	-1.0824	0.00480149	2.18603	2.18603	0.0993246	0.685535	-1.45871	0.185017	0.745447	-1.34148	5.43E-05	4.81642	4.81642	15.7544	10.8975	0.614851	1
cg08979515	ABHD10	0.000504195	0.395346	1.13585	1.13585	0.0040993	1.7569	1.7569	0.100021	1.30176	1.30176	0.000772284	2.10611	2.10611	0.0222447	1.4933	1.4933	0.000480697	2.22893	2.22893	0.0122057	0.633211	-1.57925	0.441349	0.891467	-1.12175	0.000130144	2.64439	2.64439	14.2574	4.83515	0.301451	1
cg10672681	ABHD10	0.00208884	0.499313	0.820972	-1.21807	0.00315666	3.19109	3.19109	0.998982	0.999633	-1.00037	0.00744399	2.69505	2.69505	0.452589	0.802431	-1.24621	0.00572064	2.83543	2.83543	0.152718	0.643677	-1.55358	0.202822	0.679272	-1.47216	0.000291263	5.46916	5.46916	9.52046	12.4762	1.16485	1
cg13422008	ABHD10	0.00259685	0.277174	1.19106	1.19106	0.681524	1.06592	1.06592	0.18416	0.804169	-1.24352	0.413259	1.13815	1.13815	0.126298	1.29161	1.29161	0.0534375	1.40409	1.40409	5.40E-05	0.312065	-3.20446	0.719803	0.945797	-1.05731	0.695113	0.940884	-1.06283	8.93148	3.38553	0.336939	1
cg15684481	ABHD10	0.0236778	0.166339	0.62692	-1.5951	0.239947	1.47594	1.47594	0.1574	1.61342	1.61342	0.467574	0.79147	-1.26347	0.513155	0.810726	-1.23346	0.242221	1.47292	1.47292	0.00127709	0.226211	-4.42065	0.134283	0.599969	-1.66675	0.237474	1.47927	1.47927	4.44011	7.03929	1.40923	1
cg21675030	ABHD10	0.0357007	0.172306	0.803588	-1.24442	0.58993	1.08535	1.08535	0.0624037	1.37123	1.37123	0.0104463	0.615545	-1.62458	0.583277	1.08697	1.08697	0.785259	0.959722	-1.04197	0.00993642	0.612527	-1.63258	0.156274	0.795895	-1.25645	0.454834	1.12141	1.12141	3.83945	1.3778	0.31898	1
cg05221465	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.00603038	0.196	1.20613	1.20613	0.004451	1.68214	1.68214	0.00801364	1.59313	1.59313	0.918796	1.01408	1.01408	0.0140274	1.51549	1.51549	0.146584	1.23809	1.23809	0.000405531	2.16065	2.16065	0.834542	1.02908	1.02908	0.505486	0.91155	-1.09703	6.92835	2.06143	0.264477	1
cg24614218	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.0365487	0.0238525	0.375633	-2.66217	0.024576	0.378201	-2.6441	0.87679	1.05796	1.05796	0.280243	1.50319	1.50319	0.00811765	0.292081	-3.4237	0.260286	1.53172	1.53172	0.344382	0.702103	-1.42429	0.957345	1.01961	1.01961	0.0669715	0.474419	-2.10784	3.80684	7.95042	1.8564	1
cg27303983	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.0106468	0.0962678	1.40871	1.40871	0.436326	1.16068	1.16068	0.788149	1.05183	1.05183	0.0685603	1.46601	1.46601	0.0317054	0.623434	-1.60402	0.0769823	1.44627	1.44627	0.00155703	0.425995	-2.34744	0.573575	0.898795	-1.1126	0.0539537	1.50758	1.50758	5.79305	3.23009	0.495627	1
cg03938320	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.014269	0.111506	4.5406	4.5406	0.0291705	0.103062	-9.70285	?	?	?	0.238192	2.92064	2.92064	0.298254	2.54433	2.54433	0.0622407	0.158514	-6.30859	0.647467	1.48735	1.48735	0.987107	0.986178	-1.01402	0.00143386	0.0146854	-68.0948	6.02762	61.6337	8.94706	1
cg00966780	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.0150616	0.0160743	0.473367	-2.11252	0.0887376	1.61064	1.61064	0.145283	1.48739	1.48739	0.759325	1.08113	1.08113	0.00305664	0.357065	-2.80061	0.0492478	0.565648	-1.76788	0.708796	0.909155	-1.09992	0.502106	1.18878	1.18878	0.038865	0.54492	-1.83513	5.17369	5.28061	0.907259	1
cg00185336	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.0242257	0.549917	0.863357	-1.15827	0.268316	0.755756	-1.32318	0.248222	1.34068	1.34068	0.168083	0.69992	-1.42874	0.790711	0.93744	-1.06673	0.981659	0.994432	-1.0056	0.000480548	0.264365	-3.78265	0.798604	1.06407	1.06407	0.124735	0.667867	-1.4973	4.40509	4.11558	0.83047	1
cg23795429	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.0412382	0.0449745	0.346152	-2.8889	0.387403	1.50455	1.50455	0.419767	1.46242	1.46242	0.253148	0.576774	-1.73378	0.00175837	0.128071	-7.80815	0.438658	0.694735	-1.4394	0.749119	1.15944	1.15944	0.11023	0.448155	-2.23137	0.872394	0.928564	-1.07693	3.64193	12.2627	2.99296	1
cg17351116	ABHD12;ABHD12	0.00741935	0.98346	1.00226	1.00226	0.0751323	1.24119	1.24119	0.000797506	1.73704	1.73704	0.608786	1.0579	1.0579	0.0399291	1.29553	1.29553	0.0745873	0.805281	-1.2418	0.0505412	0.784303	-1.27502	0.238878	1.14395	1.14395	0.014564	1.3883	1.3883	6.49596	1.22301	0.167353	1
cg02216879	ABHD12;ABHD12	0.0104351	0.0998515	0.71573	-1.39717	0.143516	1.33847	1.33847	0.0246269	0.608735	-1.64275	0.273509	0.80949	-1.23535	0.184326	0.770147	-1.29845	0.000939714	0.400414	-2.49742	0.0748694	1.44478	1.44478	0.552881	0.89463	-1.11778	0.135378	1.34785	1.34785	5.83051	3.17645	0.484264	1
cg12533599	ABHD12;ABHD12	0.015652	0.473934	1.07712	1.07712	0.834985	0.978945	-1.02151	0.0109518	1.38503	1.38503	0.948059	0.993376	-1.00667	0.298127	0.895812	-1.11631	0.00537801	0.688059	-1.45336	0.0334469	0.776079	-1.28853	0.0256729	1.31044	1.31044	0.581258	1.05847	1.05847	5.10819	0.841937	0.146508	1
cg06082906	ABHD12;PYGB	0.041209	0.590166	1.29983	1.29983	0.00567109	0.173734	-5.75592	0.191924	0.513651	-1.94685	0.349489	1.5912	1.5912	0.141235	0.466231	-2.14486	0.363207	0.637187	-1.5694	0.194018	0.515446	-1.94007	0.0379988	3.19046	3.19046	0.289691	1.69896	1.69896	3.64288	13.4199	3.27455	1
cg13046688	ABHD12B;ABHD12B	0.0256684	0.00711657	0.345617	-2.89338	0.619114	1.1655	1.1655	0.679042	1.13559	1.13559	0.49599	1.23522	1.23522	0.253451	1.43976	1.43976	0.860985	1.05503	1.05503	0.0151669	0.401865	-2.4884	0.117342	0.59463	-1.68172	0.0100124	0.370239	-2.70096	4.31737	6.38577	1.31474	1
cg25018673	ABHD13	0.0494323	0.0391633	0.624441	-1.60143	0.00446421	0.473218	-2.11319	0.182623	0.75651	-1.32186	0.767721	1.06018	1.06018	0.382393	0.838	-1.19332	0.121578	0.71811	-1.39255	0.248593	1.26864	1.26864	0.0923363	0.693849	-1.44124	0.0763698	0.677755	-1.47546	3.40286	2.09781	0.547986	1
cg25647234	ABHD13;LIG4	0.0419252	0.904973	0.973752	-1.02696	0.537608	0.870217	-1.14914	0.304714	0.789211	-1.26709	0.0348682	1.72921	1.72921	0.334168	1.24837	1.24837	0.674268	1.09872	1.09872	0.00237344	0.389146	-2.56973	0.46683	1.17929	1.17929	0.467652	0.848239	-1.17891	3.61972	2.84359	0.698296	1
cg21075845	ABHD14A	0.0106142	0.00171156	0.39514	-2.53075	0.0110948	1.9356	1.9356	0.142198	1.3871	1.3871	0.363394	1.21375	1.21375	0.0918904	0.680571	-1.46936	0.907054	0.976069	-1.02452	0.0548821	0.636661	-1.57069	0.327061	1.23346	1.23346	0.259297	1.27642	1.27642	5.79875	3.94982	0.605467	1
cg04210566	ABHD14A	0.0266252	0.127943	1.80465	1.80465	0.0896497	0.511087	-1.95662	0.00674033	3.52588	3.52588	0.0710568	2.06138	2.06138	0.793087	0.910009	-1.09889	0.372915	0.720265	-1.38838	0.0845437	0.504386	-1.98261	0.234444	0.639484	-1.56376	0.0666453	2.09112	2.09112	4.2625	8.68717	1.8116	1
cg26791985	ABHD14A;ABHD14B;ABHD14B;ABHD14B	8.57E-07	0.0088359	0.644431	-1.55176	0.803631	0.967692	-1.03339	1.47E-07	8.75195	8.75195	0.270458	1.16329	1.16329	0.733908	0.95602	-1.046	0.596013	1.07307	1.07307	4.88E-08	12.1511	12.1511	0.696467	1.05303	1.05303	0.0033297	1.69348	1.69348	76.2814	20.9926	0.244622	1
cg19440233	ABHD14A;ABHD14B;ABHD14B;ABHD14B	2.92E-06	0.0407754	0.635363	-1.5739	0.903542	0.976986	-1.02356	7.55E-07	12.9299	12.9299	0.20525	0.773627	-1.29261	0.592421	0.901426	-1.10935	0.0398691	0.633661	-1.57813	1.63E-07	22.5975	22.5975	0.447339	1.16036	1.16036	0.964877	0.991579	-1.00849	55.7586	32.57	0.519221	1
cg11491074	ABHD14A;ABHD14B;ABHD14B;ABHD14B	3.00E-05	0.312669	1.22915	1.22915	0.00310598	2.22375	2.22375	5.80E-06	7.49741	7.49741	0.161206	1.34395	1.34395	0.441697	1.16764	1.16764	0.00524232	2.06985	2.06985	1.06E-06	12.4224	12.4224	0.823133	1.04522	1.04522	0.13393	1.37621	1.37621	30.4611	18.8289	0.549449	1
cg12623930	ABHD14B;ABHD14B;ABHD14A;ABHD14B	5.29E-05	0.634172	1.05445	1.05445	0.272418	1.13467	1.13467	3.41E-06	3.35371	3.35371	0.000776066	1.7551	1.7551	0.0188629	1.36969	1.36969	0.0114392	1.41908	1.41908	1.52E-05	2.69419	2.69419	0.372086	0.903614	-1.10667	0.000482047	1.83224	1.83224	26.2241	5.08038	0.172204	1
cg10247798	ABHD14B;ABHD14B;ABHD14A;ABHD14B	7.98E-05	0.733152	0.936569	-1.06773	0.404753	1.17732	1.17732	6.19E-06	6.93002	6.93002	0.112645	1.39194	1.39194	0.265496	1.24882	1.24882	0.0360147	1.59525	1.59525	6.25E-06	6.91461	6.91461	0.445807	0.861722	-1.16047	0.0465466	1.54729	1.54729	23.5148	13.6563	0.516227	1
cg11830695	ABHD14B;ABHD14B;ABHD14A;ABHD14B	0.000858543	0.000853767	0.0958789	-10.4298	0.810651	1.11887	1.11887	0.757234	1.15615	1.15615	0.0698298	2.58246	2.58246	0.000338234	0.066992	-14.9272	0.0295482	0.301481	-3.31695	0.000348278	0.0677897	-14.7515	0.00703043	0.195793	-5.10743	0.0200185	0.268887	-3.71904	12.2852	42.6088	3.08294	1
cg27563048	ABHD14B;ABHD14B;ABHD14A;ABHD14B	0.00727841	0.0146741	0.699808	-1.42896	0.0463984	1.31137	1.31137	0.00339913	1.60495	1.60495	0.0729421	1.26827	1.26827	0.108478	0.812183	-1.23125	0.583232	1.06805	1.06805	0.021614	1.38782	1.38782	0.795158	1.0314	1.0314	0.0101523	1.46995	1.46995	6.53506	1.4611	0.198736	1
cg10630880	ABHD14B;ABHD14B;ABHD14A;ABHD14B	0.0151968	0.25735	1.37979	1.37979	0.291786	1.34702	1.34702	0.00205667	3.2624	3.2624	0.0814301	1.69215	1.69215	0.603949	0.867171	-1.15318	0.367019	1.28708	1.28708	0.262082	0.727257	-1.37503	0.0103566	0.415003	-2.40962	0.0925605	1.65552	1.65552	5.1584	6.05943	1.04415	1
cg05541640	ABHD14B;ABHD14B;ABHD14A;ABHD14B	0.0209267	0.419837	1.2239	1.2239	0.0642655	1.6647	1.6647	0.00988439	2.22345	2.22345	0.242045	1.35006	1.35006	0.430963	1.21779	1.21779	0.0186794	2.01126	2.01126	0.00312216	2.69322	2.69322	0.29153	0.764689	-1.30772	0.0236961	1.93861	1.93861	4.63255	4.40863	0.845922	1
cg01966966	ABHD14B;ABHD14B;ABHD14A;ABHD14B	0.0473834	0.477426	0.906195	-1.10352	0.694782	1.05524	1.05524	0.517224	1.09367	1.09367	0.11983	1.25876	1.25876	0.0563712	0.744815	-1.34262	0.642246	1.06587	1.06587	0.0093573	0.638013	-1.56737	0.43449	1.11487	1.11487	0.0356991	1.39559	1.39559	3.45781	1.0183	0.261772	1
cg11941428	ABHD14B;ABHD14B;ABHD14B	0.0135	0.0106762	0.303167	-3.29851	0.486135	1.30102	1.30102	0.161196	0.573249	-1.74444	0.370397	0.710321	-1.40781	0.0104321	0.301475	-3.31703	0.0169056	0.33839	-2.95517	0.00234941	0.206275	-4.84789	0.0468822	0.429136	-2.33026	0.0196001	0.350402	-2.85387	5.36352	11.746	1.94664	1
cg04474832	ABHD14B;ABHD14B;ABHD14B;ABHD14A;ABHD14B;ABHD14B	0.00321253	0.00649584	0.538357	-1.8575	0.000934405	0.421222	-2.37405	0.0158608	0.596198	-1.6773	0.319877	0.835332	-1.19713	0.00184729	0.461242	-2.16806	0.211192	0.794071	-1.25933	0.0460165	0.670146	-1.49221	0.000488649	0.384273	-2.60232	0.374831	0.852617	-1.17286	8.38568	4.06942	0.431361	1
cg10252695	ABHD14B;ABHD14B;ABHD14B;ABHD14A;ABHD14B;ABHD14B	0.00336781	0.168775	0.701388	-1.42574	0.129174	1.48679	1.48679	0.0450304	1.74435	1.74435	0.034906	0.551743	-1.81244	0.00988773	0.454538	-2.20004	0.000538141	0.271911	-3.67767	0.00511686	0.408712	-2.44671	0.824888	0.947806	-1.05507	0.359108	1.25621	1.25621	8.26843	7.66266	0.823765	1
cg18328933	ABHD14B;ABHD14B;ABHD14B;ABHD14A;ABHD14B;ABHD14B	0.00403971	0.0586812	1.74883	1.74883	0.00185224	3.17883	3.17883	0.00182692	3.1873	3.1873	0.00370344	2.79109	2.79109	0.244874	1.3749	1.3749	0.00511179	2.63337	2.63337	0.00174227	3.21673	3.21673	0.976916	0.992456	-1.0076	0.158056	1.48439	1.48439	7.82914	8.4938	0.964352	1
cg27511558	ABHD15	0.0112506	0.03233	0.647608	-1.54414	0.0185184	1.64072	1.64072	0.00241956	2.07976	2.07976	0.702542	0.935645	-1.06878	0.934159	0.985778	-1.01443	0.446358	1.14404	1.14404	0.0137935	0.589955	-1.69504	0.323391	1.19342	1.19342	0.403639	1.15969	1.15969	5.69103	2.70893	0.423112	1
cg23473955	ABHD15	0.0133378	0.021973	22.4759	22.4759	0.0810915	8.93979	8.93979	0.182512	4.96474	4.96474	0.0759906	9.36065	9.36065	0.0105593	38.2171	38.2171	0.0211362	23.1076	23.1076	0.0014143	187.345	187.345	0.00650368	54.916	54.916	0.0451064	13.5166	13.5166	5.38479	109.404	18.0597	1
cg23112192	ABHD15	0.0276733	0.0626513	5.90267	5.90267	0.0866245	4.97289	4.97289	0.194955	3.19576	3.19576	0.106265	4.45889	4.45889	0.236554	2.86067	2.86067	0.0506404	6.60269	6.60269	0.00249921	35.1566	35.1566	0.00493393	23.471	23.471	0.0518969	6.51808	6.51808	4.20512	47.8335	10.1112	1
cg15040720	ABHD15	0.0395241	0.149093	0.645688	-1.54874	0.0370874	0.504392	-1.98258	0.0123463	0.414448	-2.41285	0.0479948	0.52776	-1.8948	0.00977072	0.397014	-2.5188	0.26623	1.38754	1.38754	0.723536	0.904458	-1.10563	0.650828	1.13749	1.13749	0.236102	0.703969	-1.42052	3.69939	4.68362	1.12538	1
cg13110711	ABHD15;TP53I13	0.00450115	0.141346	1.7863	1.7863	0.303337	1.47853	1.47853	?	?	?	0.872922	0.942978	-1.06047	0.000176468	0.0970629	-10.3026	0.0762349	0.485033	-2.06172	0.13326	0.552081	-1.81133	0.392145	0.725016	-1.37928	?	?	?	7.9475	13.1708	1.89397	1
cg24589444	ABHD2;ABHD2	0.00154143	0.000381173	0.37623	-2.65795	0.00885143	1.77556	1.77556	0.484299	1.13028	1.13028	0.16934	0.777041	-1.28693	0.382071	1.16702	1.16702	0.415008	1.15437	1.15437	0.000967941	0.429013	-2.33093	0.0101739	0.572123	-1.74788	0.319988	1.1937	1.1937	10.3977	4.88865	0.417927	1
cg03432151	ABHD2;ABHD2	0.00295019	0.485431	1.11838	1.11838	0.000401501	0.411281	-2.43143	0.0149257	0.623472	-1.60392	0.29589	0.842759	-1.18658	0.327308	0.852485	-1.17304	0.445207	1.13069	1.13069	0.00133991	2.08689	2.08689	0.610517	1.08445	1.08445	0.359058	0.861704	-1.16049	8.60079	3.39327	0.350694	1
cg16651732	ABHD2;ABHD2	0.0112929	0.0568888	0.548241	-1.82402	0.776839	0.9238	-1.08249	0.000873853	0.248489	-4.02433	0.534873	1.1916	1.1916	0.302836	0.742527	-1.34675	0.0189717	0.452786	-2.20855	0.0834578	1.70644	1.70644	0.125894	1.5871	1.5871	0.713321	1.10841	1.10841	5.68413	7.00345	1.0952	1
cg19178642	ABHD2;ABHD2	0.0150556	0.595722	0.862159	-1.15988	0.0302637	2.02499	2.02499	0.0231403	2.1215	2.1215	0.0431231	1.90507	1.90507	0.182882	1.47918	1.47918	0.664685	0.886215	-1.12839	0.00588378	0.368512	-2.71362	0.0298824	2.02943	2.02943	0.179839	1.48373	1.48373	5.17436	6.28716	1.08005	1
cg25523753	ABHD2;ABHD2	0.031583	0.28145	0.706907	-1.41461	0.0983063	1.75385	1.75385	0.992705	0.997171	-1.00284	0.00638181	0.332928	-3.00365	0.138815	0.610355	-1.63839	0.0156776	0.399397	-2.50378	0.452835	1.2674	1.2674	0.522041	1.2227	1.2227	0.163525	1.58528	1.58528	4.01266	6.10177	1.35167	1
cg17860366	ABHD2;ABHD2	0.0336358	0.215101	0.419024	-2.3865	0.35657	1.88151	1.88151	0.48436	1.60594	1.60594	0.0118513	0.123162	-8.11937	0.207499	0.412304	-2.4254	0.142733	0.349892	-2.85803	0.00332724	0.0696529	-14.3569	0.0610284	0.244797	-4.08501	0.206537	0.411447	-2.43045	3.92303	27.6075	6.25537	1
cg23124613	ABHD2;ABHD2	0.043672	0.0406597	0.300382	-3.32909	0.0052379	0.153489	-6.51513	0.156609	0.462531	-2.16202	0.554096	0.737463	-1.356	0.0658637	0.349867	-2.85823	0.0910144	0.387777	-2.5788	0.0130591	0.208698	-4.79161	0.0314569	0.276935	-3.61096	0.531054	0.724056	-1.38111	3.5652	14.6214	3.64545	1
cg03938482	ABHD2;ABHD2	0.0438704	0.947153	0.976202	-1.02438	0.00157545	5.20337	5.20337	0.0297137	2.53388	2.53388	0.340304	1.42915	1.42915	0.222993	0.627962	-1.59245	0.525853	1.26309	1.26309	0.856594	0.936385	-1.06794	0.483535	1.29528	1.29528	0.49634	1.28527	1.28527	3.55918	7.44239	1.8587	1
cg21273125	ABHD2;ABHD2;ABHD2;ABHD2	0.0280077	0.0131478	0.757941	-1.31936	0.360492	0.918755	-1.08843	0.886309	1.01298	1.01298	0.0224396	1.27954	1.27954	0.702235	1.03523	1.03523	0.138836	1.15443	1.15443	0.0110749	0.750402	-1.33262	0.817742	1.02102	1.02102	0.203497	0.886048	-1.12861	4.18738	0.538813	0.114378	1
cg05378295	ABHD3	0.00158743	0.989255	0.997365	-1.00264	0.622075	0.90724	-1.10224	0.0610723	1.51222	1.51222	2.99E-05	0.201711	-4.9576	0.0611195	0.661341	-1.51208	0.48957	1.14744	1.14744	0.162921	1.33888	1.33888	0.370308	0.835053	-1.19753	0.29224	1.23875	1.23875	10.3099	6.26861	0.540463	1
cg05948372	ABHD3	0.00789955	0.00735154	0.244873	-4.08375	0.74343	0.8748	-1.14312	0.0507582	0.403966	-2.47545	0.00117432	0.143809	-6.95368	0.0122675	0.28072	-3.56226	0.0376273	0.374506	-2.67019	0.0324881	0.360818	-2.77148	0.00288409	0.188455	-5.3063	0.038442	0.376543	-2.65574	6.36941	16.7307	2.33487	1
cg03393602	ABHD3	0.0191406	0.00501252	0.105092	-9.51544	0.026679	0.203216	-4.92088	0.0330147	0.220306	-4.53915	0.18073	0.422161	-2.36877	0.00990186	0.138449	-7.22288	0.218198	0.455702	-2.19442	0.00501678	0.105129	-9.5121	0.0228915	0.191707	-5.21629	0.0782599	0.305132	-3.27727	4.77514	27.8446	5.18325	1
cg27109614	ABHD3	0.0358598	0.0161497	1.89043	1.89043	0.538192	0.873841	-1.14437	0.0377014	0.593595	-1.68465	0.558861	1.13644	1.13644	0.630018	1.11073	1.11073	0.332725	1.24136	1.24136	0.00927094	0.489483	-2.04297	0.315459	0.798847	-1.2518	0.249329	0.770651	-1.2976	3.83326	2.84234	0.659106	1
cg25680245	ABHD3	0.0466029	0.887743	0.980619	-1.01976	0.912466	0.984878	-1.01535	0.0900214	1.29552	1.29552	0.121534	0.792475	-1.26187	0.831961	1.02988	1.02988	0.204506	0.830668	-1.20385	0.0366525	0.714315	-1.39994	0.0278954	1.43336	1.43336	0.0383674	1.39444	1.39444	3.47951	1.05806	0.270297	1
cg26203055	ABHD3;ABHD3	0.010812	0.0046497	0.419449	-2.38408	0.237757	1.33035	1.33035	0.688149	1.0976	1.0976	0.253113	0.759204	-1.31717	0.165401	0.710717	-1.40703	0.000429113	0.27631	-3.61912	0.633098	0.894938	-1.1174	0.297565	0.779395	-1.28305	0.894583	0.969865	-1.03107	5.76443	4.86327	0.749929	1
cg25890168	ABHD3;MIR320C1	0.0160196	0.00261125	0.0294914	-33.9082	0.00200956	0.0251186	-39.8111	0.00709288	0.0528497	-18.9216	0.277814	0.385244	-2.59576	0.156171	0.277422	-3.60462	0.0674041	0.176897	-5.65301	0.0971973	0.214699	-4.65768	0.138922	0.260202	-3.84318	0.115372	0.235322	-4.2495	5.06892	57.3511	10.0571	1
cg21027148	ABHD4	0.000287523	0.0524989	0.853593	-1.17152	0.000841113	1.43417	1.43417	0.000107439	0.612361	-1.63302	0.00948969	0.789812	-1.26612	0.0318651	0.834782	-1.19792	0.0545279	0.855038	-1.16954	0.000190165	0.636599	-1.57085	0.416071	1.0615	1.0615	0.179656	1.10774	1.10774	16.6424	1.35876	0.0725728	1
cg06813554	ABHD4	0.00132763	0.131114	0.72204	-1.38496	0.0315909	0.604358	-1.65465	0.366529	1.20363	1.20363	0.00281618	2.27536	2.27536	0.000235588	0.295871	-3.37985	0.441245	1.16988	1.16988	0.00114489	0.3847	-2.59943	0.350408	0.825281	-1.21171	0.97312	0.993291	-1.00675	10.8535	6.86163	0.561959	1
cg09878415	ABHD4	0.00503395	0.00353895	0.621215	-1.60975	0.222073	0.856816	-1.16711	0.0258263	1.37532	1.37532	0.084472	0.794683	-1.25836	0.0213753	1.39515	1.39515	0.0144074	1.4379	1.4379	0.161949	1.19701	1.19701	0.01546	0.699246	-1.43011	0.9319	0.989761	-1.01035	7.32345	1.68188	0.20414	1
cg18131870	ABHD4	0.0087121	0.913612	0.986119	-1.01408	0.558385	0.926597	-1.07922	0.0733628	0.773225	-1.29328	0.122794	0.806239	-1.24033	0.000244215	0.457945	-2.18367	0.0280483	0.715881	-1.39688	0.534091	1.08449	1.08449	0.021359	0.700282	-1.428	0.0461749	0.745078	-1.34214	6.17569	1.62287	0.233586	1
cg13692765	ABHD4	0.00933744	0.019064	0.605019	-1.65284	0.993763	1.00139	1.00139	0.0578637	1.46188	1.46188	0.268523	0.815401	-1.22639	0.00279947	2.07388	2.07388	0.148102	1.31619	1.31619	0.0516253	1.48033	1.48033	0.019287	0.605808	-1.65069	0.455494	1.14408	1.14408	6.0413	3.00029	0.441449	1
cg23123972	ABHD4	0.0256258	0.875533	1.03553	1.03553	0.653528	1.10586	1.10586	0.0827108	0.651827	-1.53415	0.204653	0.742237	-1.34728	0.00172562	0.369429	-2.70688	0.373	1.22591	1.22591	0.0265003	1.79645	1.79645	0.869503	1.0373	1.0373	0.943192	1.016	1.016	4.31988	3.39358	0.698287	1
cg09668564	ABHD5	1.95E-06	1.65E-08	0.0143082	-69.8901	0.0904156	1.43958	1.43958	0.124969	1.38309	1.38309	0.852287	1.03707	1.03707	0.363021	1.20029	1.20029	0.689191	0.924493	-1.08167	0.326751	0.820607	-1.21861	0.267731	1.25289	1.25289	0.177377	1.32307	1.32307	61.8448	37.3523	0.536861	1
cg00554070	ABHD5	0.0187019	0.0246393	0.336117	-2.97516	0.19902	0.575254	-1.73836	0.0746387	0.445257	-2.24589	0.927352	1.03786	1.03786	0.0086562	0.255737	-3.91026	0.135356	0.519023	-1.9267	0.000942977	0.134053	-7.45973	0.390814	0.698898	-1.43082	0.0625117	0.425662	-2.34928	4.8127	12.6532	2.337	1
cg27260148	ABHD5	0.0210188	0.616141	1.07097	1.07097	0.073778	1.31043	1.31043	0.0326919	1.40355	1.40355	0.69945	0.948739	-1.05403	0.642551	1.06546	1.06546	0.0956422	0.780132	-1.28183	0.00148099	0.536867	-1.86266	0.844277	1.02704	1.02704	0.950105	1.00852	1.00852	4.62561	1.34798	0.259037	1
cg21753630	ABHD5	0.02421	0.0630237	1.28731	1.28731	0.0404575	1.33083	1.33083	0.408554	1.10748	1.10748	0.370886	1.11736	1.11736	0.161344	0.834734	-1.19799	0.0142217	0.694029	-1.44086	0.0106637	0.678617	-1.47358	0.839201	1.02484	1.02484	0.590207	1.06786	1.06786	4.40608	1.01777	0.205326	1
cg00486604	ABHD5	0.0259822	0.00620247	0.431527	-2.31735	0.00983182	0.463702	-2.15656	0.539658	0.863953	-1.15747	0.515348	0.856116	-1.16807	0.431651	0.827778	-1.20805	0.0517698	1.68419	1.68419	0.166295	1.41568	1.41568	0.229151	0.742898	-1.34608	0.356642	1.25017	1.25017	4.2991	3.77637	0.780807	1
cg27143326	ABHD6	0.0463945	0.137735	2.72138	2.72138	0.00250489	13.8727	13.8727	0.0605396	3.76407	3.76407	0.124513	2.83402	2.83402	0.0682907	3.5914	3.5914	0.272325	2.04553	2.04553	0.047668	4.13091	4.13091	0.045759	4.19709	4.19709	0.0747212	3.46736	3.46736	3.48538	21.6557	5.52293	1
cg01853216	ABHD8	0.000231445	0.0584909	1.4992	1.4992	0.270748	0.80476	-1.24261	0.00214608	2.26276	2.26276	0.094157	1.41709	1.41709	0.129593	0.733303	-1.36369	0.548683	1.12182	1.12182	0.000208752	0.308708	-3.23931	2.79E-05	4.77275	4.77275	0.187704	1.30274	1.30274	17.6569	10.0345	0.505163	1
cg22734480	ABHD8	0.000247582	0.524013	1.07237	1.07237	1.54E-05	2.63158	2.63158	0.00357371	1.53274	1.53274	0.0596366	1.2586	1.2586	0.241216	1.14196	1.14196	0.0312955	0.760808	-1.31439	0.0975171	0.821403	-1.21743	0.0248682	0.749062	-1.335	0.000813729	1.72681	1.72681	17.3358	3.21475	0.164835	1
cg11906827	ABHD8	0.00118769	0.425666	1.10392	1.10392	0.612172	0.939758	-1.0641	0.482754	1.09056	1.09056	0.0153458	1.43567	1.43567	0.739334	0.96023	-1.04142	0.0084055	0.664254	-1.50545	0.527571	0.925163	-1.08089	0.0522731	0.764699	-1.3077	4.47E-05	2.55815	2.55815	11.2047	2.62097	0.207926	1
cg22310229	ABHD8	0.00131611	0.194782	0.732727	-1.36477	0.910177	0.974736	-1.02592	0.718973	0.921334	-1.08538	0.659387	0.904318	-1.10581	0.168852	0.717194	-1.39432	0.0304272	0.561675	-1.78039	1.57E-05	0.1323	-7.55857	0.198724	0.734953	-1.36063	0.00559403	0.438251	-2.2818	10.8806	8.8598	0.723798	1
cg04614656	ABHD8	0.00167404	0.00277185	0.34323	-2.9135	0.0121452	0.444809	-2.24816	0.00429746	0.371722	-2.69018	0.149701	0.670133	-1.49224	0.0068084	0.403073	-2.48094	0.0140589	0.455802	-2.19393	0.00164608	0.311034	-3.21508	0.000172512	0.191393	-5.22486	0.00413737	0.369203	-2.70854	10.1529	10.7998	0.945526	1
cg04576684	ABHD8	0.00169438	0.519229	1.05903	1.05903	0.34257	1.08962	1.08962	0.213248	1.12193	1.12193	0.619455	1.04492	1.04492	0.221342	0.893295	-1.11945	0.562019	0.949841	-1.05281	0.00469545	0.719048	-1.39073	0.159653	1.14099	1.14099	4.99E-05	1.95045	1.95045	10.1175	1.23457	0.108465	1
cg12247222	ABHD8	0.00547058	0.015185	0.30455	-3.28354	0.0194195	0.324142	-3.08507	0.00200306	5.68933	5.68933	0.00936678	0.268868	-3.71929	0.196881	0.580481	-1.72271	0.750268	0.880471	-1.13576	0.00965383	0.270996	-3.6901	0.992991	1.00351	1.00351	0.933912	1.03362	1.03362	7.1393	17.9693	2.23729	1
cg17941109	ABHD8	0.00831326	0.916862	0.955952	-1.04608	0.02976	3.01465	3.01465	0.343337	0.656293	-1.52371	0.135206	0.499217	-2.00314	0.0024357	0.162001	-6.17282	0.0124557	0.261441	-3.82495	0.00451633	0.195416	-5.11728	0.400446	1.44964	1.44964	0.095466	0.453762	-2.2038	6.26783	18.476	2.62022	1
cg26450010	ABHD8	0.0105874	0.0187327	0.550907	-1.81519	0.813533	0.951753	-1.05069	0.000597716	0.330021	-3.03011	0.800801	1.05433	1.05433	0.00459791	0.454116	-2.20208	0.141587	0.71836	-1.39206	0.935585	0.983226	-1.01706	0.355199	0.819516	-1.22023	0.0316795	0.590296	-1.69407	5.80346	4.02561	0.616583	1
cg13751257	ABHD8	0.0153519	0.539452	0.815709	-1.22593	0.551508	1.21839	1.21839	0.690944	0.877197	-1.14	0.00311454	0.26561	-3.76491	0.000620909	0.177885	-5.62159	0.925171	1.03128	1.03128	0.526321	0.810173	-1.2343	0.6934	0.87817	-1.13873	0.271752	0.687215	-1.45515	5.14109	8.75297	1.51338	1
cg15066100	ABHD8	0.0169704	0.44446	0.782219	-1.27841	0.642681	0.863114	-1.1586	0.658571	1.15041	1.15041	0.963405	1.01456	1.01456	0.0939652	0.559771	-1.78644	0.406986	1.30638	1.30638	0.523668	0.815769	-1.22584	0.801627	1.08255	1.08255	0.000353218	6.09954	6.09954	4.97238	7.81772	1.39753	1
cg02307597	ABHD8	0.0270902	0.00586896	0.266919	-3.74646	0.875373	0.94413	-1.05918	0.670014	0.854691	-1.17001	0.831306	0.924833	-1.08128	0.391586	0.72504	-1.37923	0.191673	0.602717	-1.65915	0.592025	1.21915	1.21915	0.654759	1.17923	1.17923	0.00133694	0.181231	-5.51781	4.2367	9.00307	1.8889	1
cg14325436	ABHD8	0.0305083	0.198704	2.79266	2.79266	0.257384	0.409115	-2.4443	0.587494	1.5131	1.5131	0.884192	1.11651	1.11651	0.063996	0.207198	-4.82631	0.0249846	0.133074	-7.5146	0.0351929	0.156447	-6.39195	0.0134263	10.1228	10.1228	0.376813	1.98527	1.98527	4.0625	36.7876	8.04925	1
cg18888655	ABHD8	0.0494352	0.00903122	0.0939084	-10.6487	0.141111	0.323659	-3.08967	0.34268	2.00723	2.00723	0.234724	0.411597	-2.42956	0.0508872	0.20491	-4.88018	0.689449	0.751049	-1.33147	0.0220029	0.14115	-7.08467	0.177629	2.77619	2.77619	0.466368	0.58961	-1.69604	3.40279	27.3755	7.15113	1
cg06952291	ABHD8;ABHD8	0.00466384	0.619088	0.799143	-1.25134	0.690051	1.19642	1.19642	0.275926	1.66038	1.66038	0.0144165	3.85404	3.85404	0.145475	0.496937	-2.01233	0.702669	0.842331	-1.18718	0.382425	0.669826	-1.49293	0.791193	0.888062	-1.12605	0.00011201	20.8582	20.8582	7.49586	23.7611	2.81769	1
cg20151668	ABI1;ABI1;ABI1;ABI1	0.00015591	0.0732648	0.841339	-1.18858	0.441524	1.07023	1.07023	0.96501	1.0038	1.0038	0.372696	0.923898	-1.08237	5.25E-05	0.520119	-1.92264	0.00681639	0.738468	-1.35416	1.40E-05	0.456798	-2.18915	0.0267275	1.25488	1.25488	0.0990796	1.16928	1.16928	19.6511	2.3282	0.105313	1
cg03625292	ABI1;ABI1;ABI1;ABI1	0.00167032	0.361841	0.802089	-1.24674	0.66755	1.10702	1.10702	0.732617	1.08403	1.08403	0.25015	0.753702	-1.32678	0.934845	1.01942	1.01942	0.519288	1.16616	1.16616	0.00061841	3.45505	3.45505	0.00128885	0.331654	-3.01519	0.000768774	0.301647	-3.31513	10.1594	8.90767	0.779369	1
cg06020978	ABI1;ABI1;ABI1;ABI1	0.0105291	0.0416243	0.549715	-1.81912	0.0125767	2.2046	2.2046	0.0311512	0.525028	-1.90466	0.108106	0.639821	-1.56294	0.147887	0.673368	-1.48507	0.870177	1.04255	1.04255	0.0126315	0.453921	-2.20303	0.0259907	1.96039	1.96039	0.0895406	0.620742	-1.61097	5.81376	5.97496	0.913535	1
cg26695125	ABI1;ABI1;ABI1;ABI1	0.0178869	0.587633	1.12729	1.12729	0.714103	0.922639	-1.08385	0.424595	1.19536	1.19536	0.528429	1.15	1.15	0.565661	0.880668	-1.1355	0.000268243	0.270222	-3.70067	0.659573	0.90755	-1.10187	0.939666	1.0167	1.0167	0.474007	1.17274	1.17274	4.88547	3.70521	0.674146	1
cg07041723	ABI1;ABI1;ABI1;ABI1	0.0187026	0.00449995	0.336653	-2.97042	0.187745	0.669419	-1.49383	0.0272694	0.471861	-2.11927	0.991581	1.00304	1.00304	0.0378835	0.500507	-1.99797	0.00808972	0.377179	-2.65126	0.823897	0.937932	-1.06618	0.313477	0.741029	-1.34948	0.00446811	0.336181	-2.97459	4.81264	6.30008	1.16362	1
cg06960024	ABI1;ABI1;ABI1;ABI1	0.0219767	0.106547	0.394144	-2.53715	0.346679	0.599312	-1.66858	0.0229898	0.23769	-4.20715	0.115813	2.46718	2.46718	0.0363683	0.276563	-3.61581	0.0922154	2.66229	2.66229	0.0200461	0.227088	-4.40358	0.722801	1.20704	1.20704	0.0677028	2.94849	2.94849	4.5556	20.1389	3.92951	1
cg17850367	ABI1;ABI1;ABI1;ABI1	0.0341551	0.0668816	0.399746	-2.50159	0.198775	0.545458	-1.83332	0.0190683	0.281804	-3.54856	0.785606	1.12942	1.12942	0.0132369	0.253981	-3.93731	0.419193	1.44546	1.44546	0.0194589	0.283423	-3.5283	0.619359	1.25048	1.25048	0.198403	1.83435	1.83435	3.90143	12.3105	2.80479	1
cg20318353	ABI1;ABI1;ABI1;ABI1;ABI1;ABI1;ABI1;ABI1	0.00711405	0.00725347	3.45359	3.45359	0.0209534	0.389346	-2.56841	0.850637	0.94526	-1.05791	0.00263861	4.81504	4.81504	0.00802997	3.34991	3.34991	0.0128071	2.92998	2.92998	?	?	?	0.247659	0.689718	-1.44987	0.698039	1.1238	1.1238	11.9666	13.7674	0.719053	1
cg05983229	ABI2	7.39E-05	0.00241246	0.291018	-3.43622	0.276234	1.39211	1.39211	0.0377666	2.02134	2.02134	0.000645315	0.216742	-4.61377	0.126636	0.617155	-1.62034	0.000105181	0.135164	-7.3984	3.39E-06	0.0408188	-24.4985	0.115087	0.606255	-1.64947	0.554716	0.839853	-1.19068	24.0037	32.4354	1.20113	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15797608	ABI2	0.00772079	0.000292958	0.0975881	-10.2471	0.478184	1.30018	1.30018	0.0577748	0.451951	-2.21263	0.0463615	0.42888	-2.33165	0.903935	0.9571	-1.04482
cg02767164	ABI2	0.0143836	0.0183132	1.91414	1.91414	0.260175	1.30518	1.30518	0.172742	0.719606	-1.38965	0.00657654	2.22628	2.22628	0.938424	1.01767	1.01767
cg15077643	ABI2	0.0161726	0.713085	1.04768	1.04768	0.00556304	0.631735	-1.58294	0.456944	0.908887	-1.10025	0.421594	0.901649	-1.10908	0.0129658	1.47533	1.47533
cg21400896	ABI3;ABI3	0.000155041	0.00441268	0.615282	-1.62527	0.626217	1.06474	1.06474	0.0306769	0.722914	-1.38329	0.705826	1.04966	1.04966	0.000327738	0.476292	-2.09955
cg14235273	ABI3;ABI3	0.000220299	0.236742	1.24355	1.24355	0.00173715	0.455976	-2.1931	0.00185621	0.459926	-2.17426	0.314609	0.832895	-1.20063	3.10E-05	0.23943	-4.17658
cg25616535	ABI3;ABI3	0.00316101	0.16608	0.563944	-1.77322	0.0136778	0.306451	-3.26316	0.00344368	0.214209	-4.66833	0.834009	0.921834	-1.08479	0.00445792	0.229644	-4.35457
cg03419646	ABI3;ABI3	0.00801572	0.388019	0.704789	-1.41887	0.0347875	0.37796	-2.64578	0.539415	1.27851	1.27851	0.909314	0.955942	-1.04609	0.00175945	0.171635	-5.82632
cg11133963	ABI3;ABI3	0.00934497	0.0123669	2.56842	2.56842	0.00570404	2.99825	2.99825	0.261345	1.4259	1.4259	0.193221	1.51748	1.51748	0.0613673	0.528114	-1.89353
cg11164649	ABI3;ABI3	0.0153073	0.794612	1.11175	1.11175	0.95456	1.02341	1.02341	0.930556	1.03603	1.03603	0.0385644	0.377928	-2.64601	0.0113102	0.275817	-3.62559
cg25839227	ABI3;ABI3	0.0153609	0.0695943	2.43277	2.43277	0.581196	0.783434	-1.27643	0.0139896	0.264622	-3.77897	0.823119	1.10305	1.10305	0.0215391	0.298412	-3.35108
cg17839611	ABI3;ABI3;GNGT2	7.82E-05	0.0290982	0.658374	-1.51889	0.604616	1.0886	1.0886	2.27E-05	0.251895	-3.96992	0.130611	0.766961	-1.30385	0.719996	1.06025	1.06025
cg24456340	ABI3;ABI3;GNGT2	0.0296109	0.370942	1.21925	1.21925	0.579089	0.886118	-1.12852	0.00227066	0.398002	-2.51255	0.218741	0.756455	-1.32195	0.103816	0.681273	-1.46784
cg26334023	ABI3;GNGT2;ABI3	0.00115892	0.00772606	0.333934	-2.99461	0.00418405	0.292332	-3.42076	0.00332883	0.277765	-3.60017	0.0839509	0.541751	-1.84587	0.623152	1.17204	1.17204
cg06874426	ABI3;GNGT2;ABI3	0.00667818	0.572329	0.817625	-1.22305	0.124248	0.555765	-1.79932	0.0108482	0.323362	-3.09251	0.141024	0.571948	-1.74841	0.00340974	0.245508	-4.07319
cg00980784	ABI3;GNGT2;ABI3	0.00876327	0.696981	0.887049	-1.12733	0.125941	0.602203	-1.66057	0.00289486	0.285266	-3.5055	0.00895595	0.361239	-2.76825	0.396071	0.766293	-1.30498
cg22960869	ABI3;GNGT2;ABI3	0.0115681	0.736515	1.15079	1.15079	0.0635952	0.420053	-2.38065	0.00571017	0.221503	-4.5146	0.0505747	0.395907	-2.52584	0.0881159	0.457181	-2.18732
cg06952307	ABI3;GNGT2;ABI3;ABI3;ABI3	0.0317839	0.178438	1.74062	1.74062	0.114767	1.94429	1.94429	0.348346	0.687769	-1.45398	0.538001	0.785265	-1.27346	0.95171	0.976795	-1.02376
cg00569747	ABI3BP	9.29E-05	0.00268125	0.560457	-1.78426	0.00010945	0.386555	-2.58696	0.0291542	0.698616	-1.4314	0.00418202	1.7081	1.7081	1.87E-05	0.296621	-3.3713
cg22532079	ABI3BP	0.000178231	0.0158363	0.435671	-2.29531	0.0141873	0.427142	-2.34114	0.00018243	0.168807	-5.92392	0.00056278	0.222449	-4.49541	4.92E-05	0.117188	-8.53329
cg27402766	ABI3BP	0.000503037	0.00398814	0.611289	-1.63589	2.28E-05	0.340074	-2.94054	0.81647	0.970868	-1.03001	0.0124089	1.48552	1.48552	0.0127476	1.48224	1.48224
cg23634451	ABI3BP	0.0013655	0.106657	0.6692	-1.49432	0.0025059	0.383916	-2.60474	0.078719	0.640683	-1.56084	0.66485	1.10449	1.10449	4.91E-05	0.175592	-5.69501
cg10678718	ABI3BP	0.00244575	0.414145	0.822814	-1.21534	0.000190299	0.230081	-4.3463	0.0108606	0.473689	-2.11109	0.969061	0.99098	-1.0091	0.294927	0.775875	-1.28887
cg03443427	ABI3BP	0.00546789	0.0116434	2.66136	2.66136	0.294057	0.713306	-1.40192	0.00720663	0.34075	-2.9347	0.849141	1.0609	1.0609	0.941814	0.977595	-1.02292
cg14571619	ABI3BP	0.00659222	0.0152047	0.278932	-3.5851	0.00267836	0.169063	-5.91495	0.00153142	0.141868	-7.04882	0.0111662	0.256168	-3.90368	0.0207986	0.303734	-3.29236
cg14969542	ABI3BP	0.0317387	0.639453	1.20603	1.20603	0.399423	0.70999	-1.40847	0.00217179	0.181208	-5.51851	0.235051	1.6391	1.6391	0.116895	0.508485	-1.96663
cg15028548	ABI3BP;ABI3BP	0.0136993	0.0415665	0.508507	-1.96654	0.14749	0.639352	-1.56408	0.649973	0.876792	-1.14052	0.129353	0.623983	-1.60261	0.021992	0.453514	-2.205
cg14567798	ABL1	0.000572147	0.0703696	0.531705	-1.88074	0.314824	1.3835	1.3835	0.635984	0.86165	-1.16056	0.0825336	0.548504	-1.82314	0.0453457	0.488228	-2.04822
cg09952701	ABL1	0.00400597	0.0652788	1.24634	1.24634	0.589265	1.05972	1.05972	0.848067	0.979796	-1.02062	0.074147	1.23586	1.23586	0.049521	1.26932	1.26932
cg01493658	ABL1	0.0144403	0.968839	0.995924	-1.00409	0.0187923	1.34673	1.34673	0.108902	1.20061	1.20061	0.000912045	0.595423	-1.67948	0.519695	0.934031	-1.07063
cg13609937	ABL1	0.0448738	0.670057	0.954604	-1.04756	0.902195	1.01342	1.01342	0.138388	1.18879	1.18879	0.0121069	0.712434	-1.40364	0.610544	1.05726	1.05726
cg10288784	ABL1;ABL1	0.000204687	0.30512	1.44572	1.44572	0.25668	0.663025	-1.50824	0.000508384	6.58689	6.58689	0.00505672	0.276176	-3.62087	0.686569	1.1512	1.1512
cg14270890	ABL1;ABL1	0.00459591	0.0138358	0.358309	-2.79089	0.147879	0.592265	-1.68843	0.0281477	0.41697	-2.39826	0.13431	0.579982	-1.72419	0.00163507	0.21825	-4.58189
cg18986964	ABL1;ABL1	0.00476944	0.141341	0.710717	-1.40703	0.756256	1.06953	1.06953	0.0324309	1.7171	1.7171	0.902509	0.973891	-1.02681	0.00744003	0.475127	-2.1047
cg13938702	ABL1;ABL1	0.00532237	0.150446	1.24741	1.24741	0.0943163	1.30187	1.30187	0.502939	0.907094	-1.10242	0.378011	0.878327	-1.13853	0.0490166	1.38037	1.38037
cg10228162	ABL1;ABL1	0.00855167	0.0955604	0.421737	-2.37114	0.00242406	0.136551	-7.32325	0.0559869	0.360307	-2.77541	0.156143	0.488999	-2.045	0.0226833	0.276279	-3.61953
cg14142977	ABL1;ABL1	0.0140531	0.481904	0.866471	-1.15411	0.0139084	0.543732	-1.83914	0.000365594	0.318276	-3.14192	0.872316	1.03278	1.03278	0.145564	0.730996	-1.368
cg14362370	ABL1;ABL1	0.0194309	0.00863353	0.381989	-2.61787	0.503435	0.822712	-1.21549	0.734047	0.906642	-1.10297	0.412574	0.786027	-1.27222	0.00839723	0.379986	-2.63167
cg21156057	ABL1;ABL1	0.0386962	0.203627	0.688574	-1.45228	0.280573	1.36601	1.36601	0.684607	0.892651	-1.12026	0.0965641	1.66085	1.66085	0.00699865	0.379133	-2.63759
cg13927605	ABL2;ABL2;ABL2;ABL2;ABL2	0.00144543	0.000454216	0.297095	-3.36593	0.0120353	0.502589	-1.9897	0.666528	0.909158	-1.09992	0.0556618	0.621041	-1.6102	0.000251319	0.265454	-3.76712
cg18433086	ABL2;ABL2;ABL2;ABL2;ABL2	0.0184917	0.0227216	0.359956	-2.77812	0.0135232	3.14348	3.14348	0.87722	1.05964	1.05964	0.791867	1.10417	1.10417	0.0499507	0.432701	-2.31106
cg11664956	ABL2;ABL2;ABL2;ABL2;ABL2	0.0192958	0.0051806	0.397793	-2.51387	0.622234	1.13207	1.13207	0.913583	1.02749	1.02749	0.0280497	0.523014	-1.91199	0.50033	1.18635	1.18635
cg03471346	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.00516557	0.0106446	0.513725	-1.94657	0.493515	0.865694	-1.15514	0.00191858	0.402082	-2.48706	0.00355893	0.4408	-2.2686	0.0012693	0.377085	-2.65192
cg22335155	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.0156316	0.0205611	0.465825	-2.14673	0.423855	0.799584	-1.25065	0.276645	0.733561	-1.36321	0.906374	1.03274	1.03274	0.0141486	0.436464	-2.29114
cg24529392	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.0407492	0.0619316	0.80316	-1.24508	0.934205	1.00865	1.00865	0.0992365	0.828244	-1.20737	0.763571	0.969032	-1.03196	0.0013095	0.613933	-1.62884
cg01185921	ABLIM1;ABLIM1	0.000416523	0.00184973	0.403948	-2.47556	2.45E-05	0.178744	-5.59459	0.0772561	0.668401	-1.49611	0.0364952	0.607434	-1.64627	0.00145644	0.389446	-2.56775
cg04508114	ABLIM1;ABLIM1	0.00241371	0.00392792	0.194079	-5.15254	9.78E-05	0.0536767	-18.63	0.0294963	0.338604	-2.9533	0.0615861	0.410849	-2.43398	0.0236097	0.319234	-3.1325
cg05064181	ABLIM1;ABLIM1	0.0131601	0.000616499	0.0860662	-11.619	0.0331557	0.313926	-3.18546	0.0733842	0.395034	-2.53143	0.0981274	0.42997	-2.32574	0.0110938	0.227287	-4.39971
cg00997917	ABLIM1;ABLIM1	0.0211059	0.0406574	0.389624	-2.56658	0.312731	0.659393	-1.51655	0.107966	0.49686	-2.01264	0.488485	0.75529	-1.32399	0.539613	0.780623	-1.28103
cg09649347	ABLIM1;ABLIM1;ABLIM1	1.51E-06	0.00318659	1.66051	1.66051	3.55E-06	3.93766	3.93766	0.855327	1.02325	1.02325	6.15E-05	2.53662	2.53662	5.70E-06	0.276044	-3.62261
cg13587915	ABLIM1;ABLIM1;ABLIM1	0.000389216	0.0469216	1.89223	1.89223	0.00036897	4.94638	4.94638	0.122911	1.59784	1.59784	0.00765044	2.61511	2.61511	0.00127399	0.267749	-3.73484
cg20335152	ABLIM1;ABLIM1;ABLIM1	0.000620591	0.00930315	1.5973	1.5973	0.000130248	2.56802	2.56802	0.00441857	0.583169	-1.71477	0.360526	1.14273	1.14273	0.064085	0.74427	-1.3436
cg07317843	ABLIM1;ABLIM1;ABLIM1	0.0017193	0.283354	1.51054	1.51054	0.000501964	7.48986	7.48986	0.0113463	3.23179	3.23179	0.348771	1.42897	1.42897	0.00061894	0.14232	-7.02642
cg03850986	ABLIM1;ABLIM1;ABLIM1	0.00217074	0.0246873	0.374334	-2.67141	0.062301	2.16165	2.16165	0.996342	0.998318	-1.00169	0.806438	0.913764	-1.09437	0.00245562	0.212728	-4.70084
cg08797444	ABLIM1;ABLIM1;ABLIM1	0.0112268	0.00208214	0.370155	-2.70157	0.0898423	0.651243	-1.53552	0.836509	0.95371	-1.04854	0.00246676	0.380746	-2.62642	0.0224533	0.534092	-1.87234
cg01315572	ABLIM1;ABLIM1;ABLIM1	0.0112732	0.243384	0.792126	-1.26243	0.067659	0.676515	-1.47816	0.257855	1.25284	1.25284	0.845073	1.03806	1.03806	0.0026649	2.21025	2.21025
cg07054226	ABLIM1;ABLIM1;ABLIM1	0.0125554	0.215493	1.22787	1.22787	0.00474491	0.55402	-1.80499	0.172659	0.795699	-1.25676	0.00399798	1.83887	1.83887	0.028706	0.666106	-1.50126
cg12736146	ABLIM1;ABLIM1;ABLIM1	0.0200486	0.18921	1.21931	1.21931	0.0421705	1.39614	1.39614	0.136604	1.25687	1.25687	0.0699867	0.749139	-1.33487	0.0227345	1.47507	1.47507
cg16903589	ABLIM1;ABLIM1;ABLIM1	0.0207611	0.0300966	0.361707	-2.76467	0.579707	0.800101	-1.24984	0.0590158	0.427415	-2.33965	0.944833	1.02797	1.02797	0.00191225	0.17338	-5.76769
cg27290215	ABLIM1;ABLIM1;ABLIM1	0.0275586	0.0119875	0.243689	-4.10359	0.66426	0.821426	-1.21739	0.0995037	2.25527	2.25527	0.291766	0.61095	-1.63679	0.377435	0.665011	-1.50373
cg17056676	ABLIM1;ABLIM1;ABLIM1	0.0428326	0.00883338	0.174961	-5.71555	0.0659608	2.94103	2.94103	0.229806	1.93267	1.93267	0.0782814	0.359549	-2.78126	0.314206	0.580256	-1.72338
cg11010551	ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.000100987	0.453579	0.886831	-1.12761	0.953252	0.99082	-1.00927	0.0785646	0.735389	-1.35983	0.219924	1.22497	1.22497	1.95E-06	0.15677	-6.37876
cg17123539	ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.00417224	0.0423212	0.610015	-1.6393	0.0405652	0.60663	-1.64845	0.00410512	2.25636	2.25636	0.590554	0.891546	-1.12165	0.000825429	0.344861	-2.89972
cg17680696	ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.00515301	0.0515875	1.46005	1.46005	0.787789	1.04717	1.04717	0.397323	1.15956	1.15956	0.358265	1.17512	1.17512	0.000115103	0.314947	-3.17514
cg10792915	ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.0224919	0.132324	0.53661	-1.86355	0.00138386	0.169131	-5.91256	0.00729695	0.265523	-3.76616	0.361365	0.697947	-1.43277	0.113591	0.516929	-1.9345
cg10078639	ABLIM1;ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.00336011	0.118478	1.32238	1.32238	0.364537	1.16605	1.16605	0.244083	0.817972	-1.22254	0.00645833	1.79299	1.79299	0.0174298	0.620504	-1.61159
cg14959746	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00894178	0.00248507	0.211218	-4.73445	0.0488731	0.435277	-2.29739	0.578836	0.81273	-1.23042	0.933072	1.03155	1.03155	0.00239257	0.209092	-4.78259
cg02778826	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0117914	0.0405543	0.734537	-1.3614	0.00579748	0.6241	-1.60231	0.209502	0.841526	-1.18832	0.479082	1.09841	1.09841	0.0790393	0.775401	-1.28966
cg15214694	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0129683	0.000367701	3.12292	3.12292	0.175228	1.33348	1.33348	0.639982	1.0986	1.0986	0.687154	0.922361	-1.08417	0.164748	0.743882	-1.3443
cg10019083	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0180539	0.105416	0.714266	-1.40004	0.0207866	0.588972	-1.69787	0.00294218	0.45987	-2.17453	0.00205633	0.437829	-2.284	0.309727	0.81877	-1.22134
cg17630294	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0262224	0.831044	0.96064	-1.04097	0.0097545	0.541044	-1.84828	0.556655	0.894284	-1.11821	0.602446	1.10381	1.10381	0.236834	0.792209	-1.26229
cg10363284	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0362956	0.606609	0.937654	-1.06649	0.401531	0.899051	-1.11228	0.00904014	0.662814	-1.50872	0.547288	1.0784	1.0784	0.873648	0.980469	-1.01992
cg13531988	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0404543	0.0895238	0.771329	-1.29646	0.107253	1.27614	1.27614	0.107782	0.783953	-1.27559	0.0178385	0.670712	-1.49095	0.113215	0.787353	-1.27008
cg24054700	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00014571	0.000940608	2.6804	2.6804	0.00495131	2.10353	2.10353	0.000105422	0.254449	-3.93006	0.0223875	1.72767	1.72767	0.151074	1.35996	1.35996
cg04442017	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.000361997	0.000985493	0.418436	-2.38985	0.00154514	0.444841	-2.248	6.77E-05	0.273238	-3.65982	0.00446004	0.509297	-1.96349	0.000253899	0.342188	-2.92237
cg02366519	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.000458531	0.169828	1.37884	1.37884	0.271161	0.777492	-1.28619	0.000737179	0.324182	-3.08468	0.217953	0.752223	-1.32939	0.35309	0.81065	-1.23358
cg00130393	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00072205	0.823555	0.957677	-1.04419	0.76128	0.942704	-1.06078	0.000207337	0.300381	-3.32911	0.87182	1.03176	1.03176	9.12E-05	0.258226	-3.87258
cg16114831	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00103233	0.0880317	0.775701	-1.28916	0.763771	0.960151	-1.0415	0.274545	0.857799	-1.16577	0.0447959	0.732894	-1.36445	0.0226435	0.691981	-1.44513
cg11003309	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00109355	0.00511001	0.587896	-1.70098	0.000366662	0.440703	-2.2691	0.000866894	0.487899	-2.0496	0.000547113	0.462548	-2.16194	0.0140252	0.646936	-1.54575
cg12639279	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00112982	0.00740978	0.708851	-1.41073	0.0141727	0.73941	-1.35243	0.101106	1.19613	1.19613	0.0178997	1.33249	1.33249	0.000144415	0.520469	-1.92134
cg09940872	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00150049	0.0459119	0.566804	-1.76428	0.198169	0.713578	-1.40139	0.759442	0.92662	-1.07919	0.541274	0.857743	-1.16585	0.000286742	0.230125	-4.34547
cg04492193	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00172625	0.0070301	0.645901	-1.54822	0.00939141	0.661601	-1.51149	0.00554571	0.63311	-1.5795	0.645343	0.943526	-1.05985	9.54E-05	0.418325	-2.39049
cg22736383	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00206749	8.83E-05	0.329345	-3.03633	0.00081705	0.450339	-2.22055	0.129841	0.772028	-1.29529	0.0214989	0.646172	-1.54758	0.019388	0.639538	-1.56363
cg23257141	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0023613	0.625641	1.16681	1.16681	0.223307	0.669324	-1.49404	0.201417	0.654868	-1.52702	0.168505	0.631018	-1.58474	0.470948	0.79444	-1.25875
cg20716915	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00242486	0.40522	0.849075	-1.17775	0.0765273	0.684874	-1.46012	0.75259	1.06264	1.06264	0.0844257	0.693007	-1.44299	0.121537	0.724344	-1.38056
cg16106431	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0028375	0.599309	1.13123	1.13123	0.0761466	1.58245	1.58245	0.0792602	0.635624	-1.57326	0.0508744	1.67756	1.67756	0.000129105	0.212797	-4.69932
cg22301854	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0034196	0.000468503	0.184452	-5.42147	0.00386527	0.302285	-3.30814	0.0265911	0.445791	-2.2432	0.255211	0.694093	-1.44073	0.00900355	0.360291	-2.77553
cg00262159	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00476015	0.00380128	0.494411	-2.02261	0.206513	1.27178	1.27178	0.41993	0.861832	-1.16032	0.433949	1.15496	1.15496	0.00943981	0.552311	-1.81057
cg05719818	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00607904	0.00795594	0.584564	-1.71068	0.8201	1.0366	1.0366	0.0582553	0.713409	-1.40172	0.0032106	0.530127	-1.88634	0.046114	0.697256	-1.43419
cg12616531	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00615682	0.497352	1.08539	1.08539	0.000608912	1.87418	1.87418	0.222716	1.16461	1.16461	0.830793	0.974872	-1.02578	0.411112	1.10512	1.10512
cg03984866	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00702938	0.12033	0.705842	-1.41675	0.961808	1.00995	1.00995	0.910536	0.977029	-1.02351	0.00975244	1.96555	1.96555	0.00290013	0.42894	-2.33133
cg00338519	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00883179	0.0165195	0.697114	-1.43449	0.0485168	1.32004	1.32004	0.607156	0.938107	-1.06598	0.0718783	1.28089	1.28089	0.366504	0.891994	-1.12108
cg19083774	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00962585	0.0464315	0.736263	-1.35821	0.00131933	1.87238	1.87238	0.711261	0.951319	-1.05117	0.15321	1.22789	1.22789	0.10485	1.26858	1.26858
cg23084319	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.00963199	0.649683	0.912419	-1.09599	0.35554	0.82655	-1.20985	0.356592	0.826913	-1.20932	0.397386	0.840552	-1.18969	0.00400142	2.17124	2.17124
cg14742802	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0115393	0.00419491	0.538072	-1.85849	0.0713514	1.38465	1.38465	0.390376	1.15284	1.15284	0.160599	0.784897	-1.27405	0.615885	0.92151	-1.08518
cg18270285	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0116622	0.0581695	0.809466	-1.23538	0.301986	1.11135	1.11135	0.299294	0.899241	-1.11205	0.0224011	0.763302	-1.3101	0.220085	1.13575	1.13575
cg08886494	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0118333	0.0470054	0.481021	-2.07891	0.000938066	0.204122	-4.89904	0.0535786	0.493771	-2.02523	0.372132	0.744551	-1.34309	0.0378639	0.46066	-2.1708
cg04718733	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0136721	0.104739	0.475961	-2.10101	0.599698	1.24825	1.24825	0.00395223	0.197276	-5.06905	0.575774	1.26708	1.26708	0.00752601	0.236905	-4.2211
cg17949969	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0145207	0.101335	0.281279	-3.55518	0.00163358	24.2923	24.2923	0.997316	1.00238	1.00238	0.873123	0.893155	-1.11963	0.410888	0.551813	-1.81221
cg01328111	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0147743	0.000352365	0.169059	-5.9151	0.0479582	0.496579	-2.01378	0.0995177	0.571799	-1.74887	0.409002	1.29881	1.29881	0.135729	0.607867	-1.6451
cg22386757	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0161104	0.183895	0.861048	-1.16138	0.828475	1.02329	1.02329	0.395098	0.911713	-1.09684	0.0042112	0.66583	-1.50189	0.067659	1.24264	1.24264
cg08376020	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0168008	0.565661	0.841706	-1.18806	0.850815	0.945659	-1.05746	0.137632	0.622217	-1.60716	0.512098	1.21812	1.21812	0.000766203	0.220386	-4.53749

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15797608	0.333683	0.695029	-1.43879	0.425945	1.34468	1.34468	0.149707	1.76285	1.76285	0.175655	1.69535	1.69535	7.34798	15.0223	1.5901	1
cg02767164	0.0278726	1.80276	1.80276	0.0452182	1.68371	1.68371	0.0539326	1.64244	1.64244	0.00364924	2.43921	2.43921	5.25295	4.27825	0.723953	1
cg15077643	0.788435	1.0345	1.0345	0.00736491	1.54579	1.54579	0.961569	0.993942	-1.00609	0.156548	0.826042	-1.21059	5.05292	1.27265	0.223879	1
cg21400896	0.0010567	0.538497	-1.85702	5.26E-06	0.267039	-3.74477	0.643311	1.06141	1.06141	0.583902	1.07324	1.07324	19.6807	5.09086	0.229931	1
cg14235273	0.000373053	0.367566	-2.7206	0.63763	0.919963	-1.087	0.00010172	0.298057	-3.35506	0.301777	0.828523	-1.20697	17.8954	8.76262	0.435251	1
cg25616535	0.0291089	0.368835	-2.71124	0.00132025	0.163297	-6.12379	0.00040006	0.112532	-8.88634	0.286474	0.650961	-1.53619	8.42616	20.0749	2.11773	1
cg03419646	0.00121083	0.15355	-6.51255	0.00835548	0.263774	-3.79113	0.537742	0.781346	-1.27984	0.597493	1.23455	1.23455	6.34023	15.7019	2.20138	1
cg11133963	0.256192	0.698377	-1.43189	0.00242902	3.59132	3.59132	0.746292	0.906352	-1.10332	0.0758323	1.81939	1.81939	6.03975	8.77605	1.2916	1
cg11164649	0.00470246	0.217539	-4.59687	0.00187911	0.166968	-5.98916	0.193482	0.571942	-1.74843	0.921938	0.960982	-1.0406	5.14604	13.4379	2.32117	1
cg25839227	0.0968655	2.22182	2.22182	0.00322701	0.171998	-5.81404	0.254177	0.593577	-1.6847	0.973475	1.01467	1.01467	5.14008	15.6215	2.70147	1
cg17839611	8.41E-05	0.3168	-3.15657	6.68E-06	0.196643	-5.08536	0.0443935	0.687119	-1.45535	0.103982	0.749079	-1.33497	23.6436	9.89074	0.371846	1
cg24456340	0.574993	0.884937	-1.13002	0.122676	0.697042	-1.43463	0.00507136	0.449586	-2.22427	0.482706	0.857324	-1.16642	4.10581	3.02751	0.655443	1
cg26334023	0.126627	0.588825	-1.6983	3.08E-05	0.0737066	-13.5673	0.0242667	0.422827	-2.36503	0.508423	0.806516	-1.2399	11.2833	18.3594	1.44633	1
cg06874426	0.00900146	0.30974	-3.22851	0.00036756	0.133554	-7.48761	0.193443	0.615307	-1.62521	0.0511913	0.456756	-2.18935	6.71276	13.2407	1.7533	1
cg00980784	0.240405	0.686283	-1.45712	0.000492661	0.187988	-5.31948	0.0304228	0.45877	-2.17974	0.48972	0.80661	-1.23976	6.16424	9.15853	1.32067	1
cg22960869	0.00536877	0.217687	-4.59375	0.00201107	0.163239	-6.12598	0.610995	1.2378	1.2378	0.0642743	0.421209	-2.37412	5.64008	15.4498	2.43492	1
cg06952307	0.648301	1.19486	1.19486	0.0238628	0.35162	-2.84398	0.00381638	4.53692	4.53692	0.12566	1.90119	1.90119	4.00357	9.52953	2.11579	1
cg00569747	0.00115104	0.513494	-1.94744	0.427422	1.11969	1.11969	0.00031362	0.4426	-2.25937	0.0586369	0.742283	-1.34719	22.5824	6.96189	0.274034	1
cg22532079	0.00375129	0.33288	-3.00408	0.000203102	0.173546	-5.76217	7.87E-05	0.134397	-7.44067	0.00644341	0.369351	-2.70745	18.9535	23.7229	1.11256	1
cg27402766	0.869577	1.02112	1.02112	0.828921	1.0279	1.0279	0.544932	1.08103	1.08103	0.0476221	0.749698	-1.33387	14.2665	3.65423	0.22768	1
cg23634451	0.836135	0.953872	-1.04836	0.0739642	1.57475	1.57475	0.0117473	0.487887	-2.04965	0.0717772	0.632317	-1.58149	10.7663	8.86524	0.731931	1
cg10678718	0.801273	0.942782	-1.06069	0.00159268	2.8821	2.8821	0.495846	0.850823	-1.17533	0.468445	0.841697	-1.18808	9.09052	7.85784	0.768355	1
cg03443427	0.889942	1.04392	1.04392	0.0548108	0.508591	-1.96622	0.000806789	4.80318	4.80318	0.278239	1.41907	1.41907	7.14038	10.8975	1.35661	1
cg14571619	0.0224852	0.310193	-3.2238	0.00401114	0.19097	-5.23643	0.280886	0.618805	-1.61602	0.0406603	0.363452	-2.7514	6.73983	19.5747	2.58163	1
cg14969542	0.0263526	0.351432	-2.8455	0.133922	0.52635	-1.89988	0.594421	1.23784	1.23784	0.11539	0.506822	-1.97308	4.00561	10.0006	2.21925	1
cg15028548	0.017469	0.434899	-2.29939	0.000886728	0.238497	-4.19292	0.0109279	0.398778	-2.50766	0.0276327	0.472608	-2.11592	5.33782	7.00248	1.1661	1
cg14567798	0.0228271	0.427106	-2.34134	5.75E-06	0.0412292	-24.2547	0.103165	0.573075	-1.74497	0.277597	0.702837	-1.42281	13.765	21.2635	1.37311	1
cg09952701	0.944142	0.992571	-1.00748	0.000140581	0.496899	-2.01248	0.107685	0.829596	-1.20541	0.94538	1.00732	1.00732	7.84896	1.40774	0.159426	1
cg01493658	0.316764	1.1143	1.1143	0.372094	1.10057	1.10057	0.231668	0.877059	-1.14017	0.611063	1.05509	1.05509	5.24615	0.908529	0.153938	1
cg13609937	0.411106	0.912919	-1.09539	0.00703748	0.685462	-1.45887	0.0639643	0.797966	-1.25319	0.845032	1.02144	1.02144	3.52923	0.656788	0.165422	1
cg10288784	1.03E-05	0.0376475	-26.5622	0.0971497	0.531557	-1.88126	0.633318	0.846345	-1.18155	0.0138173	0.347773	-2.87544	18.2561	34.837	1.69621	1
cg14270890	0.00637317	0.301832	-3.3131	0.000328852	0.141253	-7.07952	0.753244	0.899062	-1.11227	0.0541517	0.478359	-2.09048	7.52936	13.5749	1.60261	1
cg18986964	0.131555	1.42113	1.42113	0.000427224	0.300007	-3.33326	0.0661764	0.640873	-1.56037	0.0802079	0.657691	-1.52047	7.44497	5.49583	0.656172	1
cg13938702	0.116044	1.27761	1.27761	0.000279316	0.426334	-2.34558	0.132096	1.26253	1.26253	0.157115	1.24238	1.24238	7.19969	2.34585	0.289623	1
cg10228162	0.198635	1.89752	1.89752	0.00166555	0.119939	-8.33755	0.0121087	0.2288	-4.37064	0.103133	0.431415	-2.31796	6.21211	21.8759	3.13022	1
cg14142977	0.316387	1.23085	1.23085	0.332446	0.818333	-1.222	0.845738	1.03983	1.03983	0.604942	0.900648	-1.11031	5.29329	3.37074	0.566039	1
cg14362370	0.532138	0.833712	-1.19945	0.0010371	0.247549	-4.03961	0.204852	0.680807	-1.46885	0.132198	0.626908	-1.59513	4.75087	6.21495	1.16282	1
cg21156057	0.0262985	2.08087	2.08087	0.895636	0.964162	-1.03717	0.145463	1.54447	1.54447	0.443487	1.24267	1.24267	3.72826	4.56614	1.08865	1
cg13927605	0.0187278	0.534808	-1.86983	0.000424416	0.293382	-3.40852	0.334662	0.803664	-1.2443	0.0378869	0.589284	-1.69697	10.5919	8.09536	0.679375	1
cg18433086	0.108477	0.518894	-1.92718	0.00742888	0.274735	-3.63988	0.365488	1.4168	1.4168	0.192923	0.596725	-1.67581	4.83109	10.7425	1.97655	1
cg11664956	0.228352	0.729195	-1.37137	0.833426	1.05401	1.05401	0.042987	0.55893	-1.78913	0.00291664	0.360009	-2.77771	4.7621	4.70581	0.878381	1
cg03471346	0.0397132	0.610649	-1.6376	0.389289	0.832782	-1.2008	0.93018	0.981988	-1.01834	0.00629329	0.478013	-2.09199	7.2659	4.95018	0.60559	1
cg22335155	0.120341	0.630418	-1.58625	0.00115987	0.270756	-3.69336	0.781478	0.926682	-1.07912	0.0072786	0.387567	-2.5802	5.11039	6.06878	1.05559	1
cg24529392	0.119106	0.838297	-1.19289	0.260258	0.884751	-1.13026	0.818695	0.976342	-1.02423	0.050597	0.79271	-1.2615	3.65802	0.629968	0.153081	1
cg01185921	0.00418932	0.455315	-2.19628	0.00022617	0.284317	-3.5172	0.00362744	0.446061	-2.24184	0.0162331	0.547207	-1.82746	15.0314	10.0137	0.592165	1
cg04508114	0.018864	0.300704	-3.32553	0.00220404	0.163172	-6.1285	0.032778	0.348151	-2.87232	0.0275927	0.332691	-3.00579	9.12582	25.7953	2.51256	1
cg05064181	0.0560678	0.365418	-2.73659	0.148952	0.48672	-2.05457	0.132641	0.470066	-2.12736	0.0111507	0.227639	-4.39292	5.40847	18.5392	3.04695	1
cg00997917	0.0486807	0.407397	-2.45461	0.000700818	0.127326	-7.85383	0.70572	0.859599	-1.16333	0.0137403	0.296734	-3.37002	4.61908	11.6349	2.239	1
cg09649347	1.27E-05	3.17954	3.17954	4.67E-07	5.96457	5.96457	0.00467697	1.60561	1.60561	0.0340319	1.36554	1.36554	66.0058	16.576	0.223226	1
cg13587915	0.00103651	3.90489	3.90489	0.000237838	5.51084	5.51084	0.0156866	2.29427	2.29427	0.0212676	2.17338	2.17338	15.3151	19.0698	1.10681	1
cg20335152	0.338077	0.86921	-1.15047	0.0008494	0.49079	-2.03753	0.957763	1.00755	1.00755	0.194469	0.822982	-1.21509	13.4566	4.29366	0.283622	1
cg07317843	0.0298723	2.57445	2.57445	0.0263612	2.65003	2.65003	0.294598	1.49518	1.49518	0.187497	1.67684	1.67684	10.0748	21.8496	1.92777	1
cg03850986	0.914115	0.961143	-1.04043	0.00010656	0.0810844	-12.3328	0.477466	0.766946	-1.30387	0.0166942	0.341843	-2.92532	9.41408	20.1213	1.89988	1
cg08797444	0.0554616	0.607811	-1.64525	0.0720654	0.630958	-1.58489	0.00684941	0.447859	-2.23284	0.0546145	0.606479	-1.64886	5.69491	4.74523	0.740657	1
cg01315572	0.161736	1.3301	1.3301	0.00576257	0.501203	-1.9952	0.184473	0.764347	-1.30831	0.228226	1.27308	1.27308	5.68734	3.28287	0.513087	1
cg07054226	0.194927	0.805829	-1.24096	0.327765	0.852939	-1.17242	0.463693	0.88919	-1.12462	0.235372	0.822154	-1.21632	5.49213	2.15671	0.349058	1
cg12736146	0.0114611	1.56987	1.56987	0.860518	1.02539	1.02539	0.125886	1.2663	1.2663	0.00533604	1.68751	1.68751	4.70068	1.51311	0.286126	1
cg16903589	0.0305092	0.362935	-2.75532	0.00815086	0.259217	-3.85777	0.938031	0.969477	-1.03148	0.0803631	0.461494	-2.16688	4.64513	11.6928	2.23753	1
cg27290215	0.159763	0.50831	-1.9673	0.00338616	0.166162	-6.01823	0.0316967	0.321606	-3.1094	0.196717	0.54074	-1.84932	4.21127	13.5329	2.85644	1
cg17056676	0.51763	1.40921	1.40921	0.78818	1.15122	1.15122	0.429496	1.52462	1.52462	0.050063	0.310867	-3.21681	3.59106	15.553	3.84982	1
cg11010551	0.00949944	0.596377	-1.67679	0.529727	0.904704	-1.10533	0.00170826	2.02293	2.02293	0.0741328	0.731205	-1.36761	22.0824	8.65479	0.348383	1
cg17123539	0.891393	0.971539	-1.02929	0.499545	1.15588	1.15588	0.491546	1.15912	1.15912	0.0104358	0.505869	-1.97679	7.75322	5.48524	0.62887	1
cg17680696	0.802484	1.04374	1.04374	0.149066	1.30252	1.30252	0.488092	1.12786	1.12786	0.950141	0.989375	-1.01074	7.27131	3.36025	0.410777	1
cg10792915	0.189575	0.587095	-1.7033	0.0270674	0.366761	-2.72657	0.0294523	0.374258	-2.67195	0.140364	0.544474	-1.83663	4.51948	10.5144	2.06796	1
cg10078639	0.826291	1.0369	1.0369	0.000346328	0.387125	-2.58314	0.0655002	0.711179	-1.40612	0.175647	0.788657	-1.26798	8.27409	3.5621	0.382678	1
cg14959746	0.471586	0.762765	-1.31102	0.00390423	0.237712	-4.20677	0.00787973	0.283479	-3.52759	0.3787	0.716064	-1.39652	6.12497	13.2661	1.92525	1
cg02778826	0.318648	0.8742	-1.1439	0.00242408	1.73464	1.73464	0.517084	0.917886	-1.08946	0.606094	1.07021	1.07021	5.60528	1.51059	0.239551	1
cg15214694	0.0864463	0.685171	-1.45949	0.389482	1.19249	1.19249	0.737617	1.06942	1.06942	0.18298	1.32589	1.32589	5.43447	3.42998	0.561024	1
cg10019083	0.0640564	0.673095	-1.48567	0.987167	1.00306	1.00306	0.865461	1.03278	1.03278	0.225768	0.785077	-1.27376	4.87023	2.79093	0.509386	1
cg17630294	0.103576	1.39732	1.39732	0.00361582	2.09633	2.09633	0.278687	1.23576	1.23576	0.811592	1.0459	1.0459	4.2853	2.39718	0.497241	1
cg10363284	0.0612892	1.29866	1.29866	0.00858781	1.51505	1.51505	0.367343	0.891571	-1.12162	0.768707	0.964112	-1.03722	3.81648	0.928476	0.21625	1
cg13531988	0.405126	1.1254	1.1254	0.0504592	1.36234	1.36234	0.165544	0.814543	-1.22768	0.331899	0.870366	-1.14894	3.66784	1.11746	0.270813	1
cg24054700	0.0346849	1.63565	1.63565	0.000598756	0.347063	-2.88132	0.0217205	0.576615	-1.73426	0.00288337	2.26805	2.26805	20.0128	12.6564	0.56215	1
cg04442017	0.00264044	0.477022	-2.09634	0.0121839	0.57367	-1.74316	0.00392989	0.501431	-1.99429	0.000343719	0.358762	-2.78736	15.6238	7.8303	0.44549	1
cg02366519	0.318399	1.25428	1.25428	0.239034	1.31114	1.31114	1.11E-05	0.128125	-7.80485	0.111145	0.68299	-1.46415	14.6375	11.1893	0.679489	1
cg00130393	0.494804	0.874381	-1.14367	0.00337599	2.16403	2.16403	0.630117	0.91032	-1.09852	0.158976	0.747131	-1.33845	12.8983	7.65995	0.527887	1
cg16114831	0.299186	1.15624	1.15624	2.79E-05	3.04247	3.04247	0.261835	0.853969	-1.171	0.462798	0.90408	-1.1061	11.6608	3.36165	0.256255	1
cg11003309	0.00186996	0.530767	-1.88406	0.0839929	0.759935	-1.3159	0.00565525	0.593737	-1.68425	0.00252315	0.547656	-1.82596	11.4714	3.7453	0.290212	1
cg12639279	0.232551	1.13301	1.13301	0.0217159	1.31634	1.31634	0.186384	0.869589	-1.14997	0.108852	0.839931	-1.19057	11.3654	1.79109	0.140081	1
cg09940872	0.000980727	0.29635	-3.37439	0.000351091	0.240424	-4.15933	0.00277357	0.359241	-2.78364	0.0449668	0.564991	-1.76994	10.4786	10.2182	0.866803	1
cg04492193	0.102366	0.799133	-1.25136	0.249122	1.16311	1.16311	0.00656882	0.642235	-1.55706	0.0129229	0.679035	-1.47268	10.0631	2.50768	0.221508	1
cg22736383	0.096137	0.749075	-1.33498	0.0170952	0.631516	-1.58349	0.768964	0.954495	-1.04767	0.0135114	0.616676	-1.6216	9.54905	3.78123	0.351981	1
cg23257141	2.36E-05	0.0707423	-14.1358	0.846756	0.941096	-1.06259	0.0425004	0.480478	-2.08126	0.126584	0.595389	-1.67958	9.18485	14.3221	1.38606	1
cg20716915	0.00372207	0.471057	-2.12289	0.000139189	3.54104	3.54104	0.98958	1.00251	1.00251	0.798364	1.05041	1.05041	9.11347	5.32745	0.519617	1
cg16106431	0.103192	1.51374	1.51374	0.025558	0.53953	-1.85346	0.897418	1.03045	1.03045	0.629474	0.893088	-1.11971	8.70064	7.45434	0.761562	1
cg22301854	0.0135797	0.391102	-2.55688	0.00536153	0.323922	-3.08716	0.00481437	0.316695	-3.15761	0.00557365	0.326554	-3.06228	8.23082	12.3179	1.33028	1
cg00262159	0.0239437	1.62599	1.62599	0.00256398	0.470182	-2.12684	0.082749	1.41439	1.41439	0.537976	1.1191	1.1191	7.44939	3.84156	0.458389	1
cg05719818	0.0232427	1.53424	1.53424	0.502339	1.11341	1.11341	0.232116	1.21865	1.21865	0.00796579	0.58464	-1.71045	6.91117	2.72533	0.350522	1
cg12616531	0.907561	1.01391	1.01391	0.00827669	0.669291	-1.49412	0.00581214	1.53666	1.53666	0.14146	1.20688	1.20688	6.88407	1.54202	0.19911	1
cg03984866	0.0369903	0.606042	-1.65005	0.333262	0.813551	-1.22918	0.00203895	0.40698	-2.45712	0.90787	1.02422	1.02422	6.60648	4.47255	0.601772	1
cg00338519	0.0560446	1.30555	1.30555	0.00078985	1.86803	1.86803	0.527283	1.08211	1.08211	0.690969	0.951963	-1.05046	6.14905	1.47816	0.213678	1
cg19083774	0.00825884	1.57362	1.57362	0.0238947	1.43586	1.43586	0.705658	0.950345	-1.05225	0.638022	0.938375	-1.06567	5.98304	1.70715	0.253628	1
cg23084319	0.0327062	1.65019	1.65019	0.00102069	2.65438	2.65438	0.0873288	1.45988	1.45988	0.698508	1.08114	1.08114	5.98182	3.80636	0.565618	1
cg14742802	0.225754	1.22823	1.22823	0.00283551	1.94289	1.94289	0.362621	1.16324	1.16324	0.208722	0.807228	-1.23881	5.64462	2.33452	0.36763	1
cg18270285	0.161501	1.15906	1.15906	0.00151493	1.56992	1.56992	0.451071	0.926993	-1.07876	0.107928	0.84099	-1.18908	5.62531	0.868379	0.137218	1
cg08886494	0.113874	0.57481	-1.73971	0.00859494	0.339973	-2.94141	0.00403296	0.288404	-3.46736	0.366675	0.741901	-1.34789	5.59884	9.18914	1.4589	1
cg04718733	0.508214	0.754994	-1.32451	0.109164	0.481213	-2.07808	0.00202775	0.161646	-6.18635	0.151496	0.52546	-1.90309	5.34129	14.8312	2.46819	1
cg17949969	0.463864	1.69408	1.69408	0.0170527	0.127918	-7.81748	0.0333963	5.79868	5.79868	0.375462	1.90243	1.90243	5.23655	41.4596	7.03764	1
cg01328111	0.197821	0.656106	-1.52414	0.106013	0.578916	-1.72737	0.0533677	0.506887	-1.97283	0.501137	0.809452	-1.2354	5.20672	7.90475	1.3495	1
cg22386757	0.387546	0.910293	-1.09855	0.0257767	1.32443	1.32443	0.0212513	0.745381	-1.3416	0.0738424	0.809406	-1.23547	5.0594	0.902427	0.158548	1
cg08376020	0.0187551	0.42949	-2.32834	0.477926	1.23876	1.23876	0.711097	0.895474	-1.11673	0.0192157	0.431452	-2.31775	4.9891	6.95835	1.23974	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19651341	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0172146	0.207031	0.601265	-1.66316	0.000486376	0.123651	-8.08728	0.13162	0.536748	-1.86307	0.343067	1.4527	1.4527	0.0460368	0.417249	-2.39665
cg14529598	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0193743	0.931994	1.01958	1.01958	0.273241	1.29564	1.29564	0.00678373	0.450694	-2.2188	0.786602	1.06358	1.06358	0.0628965	0.621691	-1.60852
cg05206762	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.022573	0.0237245	0.754961	-1.32457	0.448168	0.922672	-1.08381	0.201964	0.869118	-1.15059	0.0329089	1.29664	1.29664	0.00598796	0.687964	-1.45356
cg17823807	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0256034	0.795732	1.0905	1.0905	0.424265	0.761464	-1.31326	0.902999	1.04156	1.04156	0.785527	0.912938	-1.09537	0.000454318	0.158036	-6.32769
cg26979974	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0261311	0.0736867	0.296433	-3.37344	0.000600895	0.0396436	-25.2247	0.0754803	0.299159	-3.3427	0.817062	1.15178	1.15178	0.0892088	0.318869	-3.13609
cg12963356	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0277286	0.0114076	0.643572	-1.55383	0.13188	0.797434	-1.25402	0.0867599	0.768517	-1.30121	0.242927	0.8436	-1.1854	0.0432727	0.723559	-1.38206
cg10837111	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0312079	0.0557879	0.751783	-1.33017	0.184264	0.830749	-1.20373	0.273941	0.860808	-1.1617	0.745187	0.957975	-1.04387	0.268975	0.859355	-1.16366
cg14128098	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.037027	0.232317	0.836068	-1.19607	0.0527234	0.729954	-1.36995	0.137428	0.795584	-1.25694	0.246528	0.840954	-1.18913	0.0174004	0.661069	-1.5127
cg26182487	ABLIM3	7.11E-07	0.318202	0.86105	-1.16137	0.829634	1.03174	1.03174	0.401116	1.13272	1.13272	0.366119	0.874029	-1.14413	0.701331	0.945653	-1.05747
cg04669407	ABLIM3	2.33E-06	0.517963	1.13148	1.13148	4.03E-05	4.38362	4.38362	0.0112443	1.81942	1.81942	3.19E-07	16.5702	16.5702	0.227028	1.27001	1.27001
cg03997398	ABLIM3	1.38E-05	0.410472	1.15411	1.15411	0.000208896	2.87626	2.87626	0.443161	1.14242	1.14242	3.42E-06	6.43951	6.43951	0.099809	0.73556	-1.35951
cg23305768	ABLIM3	0.000105057	0.107737	0.69478	-1.43931	0.00788362	2.02826	2.02826	0.0613668	1.54854	1.54854	5.25E-05	4.79602	4.79602	0.808731	0.95093	-1.0516
cg05459971	ABLIM3	0.000128891	0.000290308	3.01067	3.01067	0.00789201	0.529643	-1.88806	0.101559	1.39698	1.39698	0.762316	0.945	-1.0582	0.000532081	0.365761	-2.73403
cg00245502	ABLIM3	0.000608304	0.00122303	0.364766	-2.74149	0.00201247	2.53197	2.53197	0.838391	1.0445	1.0445	0.0607631	0.63721	-1.56934	0.00159803	0.380839	-2.62578
cg25326776	ABLIM3	0.00424945	0.270633	0.712986	-1.40255	0.11161	0.59984	-1.66711	0.0301499	0.471413	-2.12128	0.330712	0.743767	-1.34451	0.0870249	0.572705	-1.7461
cg11438560	ABLIM3	0.00974586	0.570639	0.876284	-1.14118	0.154731	1.42043	1.42043	0.142893	1.43742	1.43742	0.00282823	2.57928	2.57928	0.488052	0.850159	-1.17625
cg05026186	ABLIM3	0.0103083	0.312628	1.37744	1.37744	0.0548937	0.512999	-1.94932	0.399973	1.30234	1.30234	0.0373647	0.476761	-2.09749	0.00348008	0.296491	-3.37279
cg18129178	ABLIM3	0.0149371	0.0632543	1.82461	1.82461	0.297208	0.732626	-1.36495	0.987759	0.995593	-1.00443	0.141651	0.634489	-1.57607	0.0221774	0.454112	-2.2021
cg17259656	ABLIM3;ABLIM3	7.18E-09	0.0076737	0.837567	-1.19393	0.153764	1.08221	1.08221	0.000379856	1.34133	1.34133	0.0125519	0.851625	-1.17423	0.290746	0.944861	-1.05836
cg11657970	ABLIM3;ABLIM3	8.04E-06	0.0210907	2.83566	2.83566	0.0809961	0.488033	-2.04904	?	?	?	0.0306336	2.5873	2.5873	0.000430831	0.11139	-8.97747
cg25821963	ABLIM3;ABLIM3	1.00E-05	0.57493	0.909579	-1.09941	0.157439	1.28771	1.28771	0.126928	1.31801	1.31801	0.380016	1.16256	1.16256	0.898888	0.978961	-1.02149
cg11879188	ABO	0.000256383	0.00414891	0.50055	-1.9978	0.000104537	0.290854	-3.43815	0.16332	1.30727	1.30727	0.00701959	1.87335	1.87335	0.000754109	0.398484	-2.50951
cg13506600	ABO	0.000618761	0.0220303	0.275944	-3.62392	0.703802	0.836039	-1.19612	0.00930488	4.69639	4.69639	0.000945317	10.0883	10.0883	0.394482	0.664387	-1.50515
cg07241568	ABO	0.000793584	0.255247	0.856139	-1.16804	0.0639755	0.761666	-1.31291	0.00017699	2.29605	2.29605	0.689023	0.948756	-1.05401	0.187657	0.833108	-1.20032
cg14636261	ABO	0.000909512	0.0123664	2.20544	2.20544	0.0655415	1.69032	1.69032	0.712035	1.09874	1.09874	0.00446105	0.381649	-2.62021	0.043744	0.555039	-1.80167
cg06818865	ABO	0.00113228	0.00166998	0.263076	-3.80118	0.441007	1.26286	1.26286	0.1126	0.598678	-1.67035	0.129119	0.614411	-1.62757	0.000178798	0.151801	-6.58757
cg24267699	ABO	0.00850713	0.978756	1.0066	1.0066	0.268553	0.75227	-1.32931	0.384685	1.24628	1.24628	0.547228	0.860308	-1.16237	0.439782	0.823137	-1.21486
cg22535403	ABO	0.0135786	0.310983	0.787626	-1.26964	0.0171074	0.515867	-1.93848	0.194837	1.36657	1.36657	0.230623	1.33163	1.33163	0.0965574	0.66001	-1.51513
cg21160290	ABO	0.0181402	0.0239852	0.331573	-3.01593	0.00367369	0.199892	-5.00271	0.875597	0.937796	-1.06633	0.378453	1.44836	1.44836	0.00302046	0.188917	-5.29332
cg13850847	ABO	0.0283445	0.341678	0.739971	-1.35141	0.184889	0.649075	-1.54066	0.0403835	0.482991	-2.07043	0.439716	0.784887	-1.27407	0.00188047	0.25801	-3.87582
cg01104073	ABP1	3.45E-05	0.0479578	0.746159	-1.3402	4.70E-06	0.257124	-3.88918	0.000190318	0.442849	-2.25811	0.0344881	1.37624	1.37624	0.0248225	0.707536	-1.41336
cg06221570	ABP1	0.00100888	0.00922192	0.57013	-1.75399	0.457049	0.879186	-1.13742	0.00353297	0.510526	-1.95876	0.1142	0.746689	-1.33925	0.0148057	0.600638	-1.6649
cg26475742	ABP1	0.00275458	0.0703643	0.736149	-1.35842	0.334105	0.859957	-1.16285	0.0240459	0.66525	-1.50319	0.0409911	0.699646	-1.42929	0.0994103	0.760692	-1.31459
cg14909495	ABP1	0.00312073	0.0915945	0.686824	-1.45598	0.135385	1.3847	1.3847	0.0708246	0.664831	-1.50414	0.00716425	0.495506	-2.01814	0.192525	0.756588	-1.32172
cg13603551	ABP1	0.00490783	0.416584	0.844703	-1.18385	0.114657	0.70556	-1.41731	0.532987	1.13696	1.13696	0.0123239	0.530726	-1.88421	0.15569	0.734338	-1.36177
cg05289678	ABP1	0.00498095	0.951332	0.988178	-1.01196	0.548019	1.12574	1.12574	0.389607	1.18742	1.18742	0.00757344	0.512053	-1.95292	0.0628078	1.50363	1.50363
cg27573031	ABP1	0.00754859	0.00199418	0.418874	-2.38735	0.113465	1.40974	1.40974	0.000686537	0.355688	-2.81146	0.439647	0.854583	-1.17016	0.336447	0.820697	-1.21848
cg04514683	ABP1	0.0116959	0.00388895	0.366685	-2.72714	0.0180023	0.476326	-2.0994	0.460713	0.823819	-1.21386	0.128286	0.654259	-1.52845	0.00203732	0.325552	-3.0717
cg19807420	ABR	0.0022592	0.0129339	1.64282	1.64282	0.00339382	1.89805	1.89805	0.442175	1.13438	1.13438	0.00750452	1.73963	1.73963	0.00242153	0.506874	-1.97288
cg09927651	ABR	0.00870499	0.106222	1.31791	1.31791	0.00694677	1.72721	1.72721	0.0067203	1.7332	1.7332	0.00432647	1.81624	1.81624	0.136973	0.778286	-1.28488
cg23372723	ABR;ABR	0.000142931	0.000111751	0.232693	-4.2975	0.00334531	0.424376	-2.3564	0.00228548	0.400305	-2.4981	0.0290101	0.575523	-1.73755	0.00117012	0.359599	-2.78088
cg06214745	ABR;ABR	0.000189986	0.57595	0.921803	-1.08483	0.712515	1.05478	1.05478	0.97605	1.00434	1.00434	0.843318	0.971888	-1.02893	1.16E-05	0.261849	-3.819
cg08458121	ABR;ABR	0.00022741	0.113545	0.530466	-1.88513	0.0765809	2.06529	2.06529	0.617594	1.20362	1.20362	0.000678355	6.77011	6.77011	0.00368757	0.235726	-4.24221
cg16374343	ABR;ABR	0.000654128	0.000563395	0.295407	-3.38515	0.87839	0.965676	-1.03554	0.0236817	0.540053	-1.85167	0.00638231	0.44502	-2.24709	0.296804	1.27985	1.27985
cg06285925	ABR;ABR	0.00110537	0.000367228	0.262662	-3.80717	0.0166401	0.504025	-1.98403	0.568317	1.14467	1.14467	0.351976	1.25161	1.25161	0.924089	1.02258	1.02258
cg07417284	ABR;ABR	0.00190059	0.452958	0.896077	-1.11598	0.301487	1.16607	1.16607	0.531501	1.09523	1.09523	0.475866	1.10966	1.10966	0.075768	0.753019	-1.32799
cg14458783	ABR;ABR	0.00192342	0.0906545	0.427418	-2.33963	0.262663	1.70321	1.70321	0.901191	1.05827	1.05827	0.00110574	8.95691	8.95691	0.0117934	0.238352	-4.19548
cg03131829	ABR;ABR	0.00641804	0.516802	0.823384	-1.2145	0.773173	0.918106	-1.0892	0.13569	0.621628	-1.60868	0.00381307	3.16919	3.16919	0.0129772	0.4019	-2.48818
cg23329015	ABR;ABR	0.0180777	0.0237894	0.571423	-1.75002	0.0353334	0.601492	-1.66253	0.246782	1.28558	1.28558	0.650708	1.09916	1.09916	0.00155063	0.389084	-2.57014
cg14641764	ABR;ABR	0.0188184	0.911568	1.0147	1.0147	0.741387	0.957438	-1.04445	0.0460075	1.3503	1.3503	0.104867	1.26208	1.26208	0.0370549	0.727615	-1.37435
cg25374854	ABR;ABR	0.0192488	0.170781	0.646729	-1.54624	0.0292039	0.464023	-2.15506	0.346041	0.748286	-1.33639	0.00917669	2.68744	2.68744	0.0681246	0.54313	-1.84118
cg21195914	ABR;ABR	0.0192943	0.974216	1.00778	1.00778	0.000810159	3.35898	3.35898	0.0739003	1.61247	1.61247	0.300059	1.29377	1.29377	0.220305	0.734121	-1.36217
cg17840849	ABR;ABR	0.020007	0.00613292	0.168609	-5.93087	0.322093	0.600992	-1.66392	0.0225753	0.256805	-3.894	0.030216	0.28125	-3.55555	0.0144005	0.2228	-4.48833
cg26235490	ABR;ABR	0.0233159	0.322316	0.7579	-1.31944	0.365644	1.28662	1.28662	0.0397915	1.90496	1.90496	0.0193878	2.15223	2.15223	0.00841428	0.401518	-2.49055
cg14335816	ABR;ABR	0.0241276	0.498508	0.856309	-1.1678	0.898984	0.971735	-1.02909	0.0421226	1.6966	1.6966	0.846211	1.04481	1.04481	0.00512646	0.433973	-2.30429
cg11149849	ABR;ABR	0.0244071	0.00604477	0.431411	-2.31797	0.0961866	1.53463	1.53463	0.0878192	0.642938	-1.55536	0.580865	0.877446	-1.13967	0.0128635	0.484734	-2.06299
cg02485462	ABR;ABR	0.0285771	0.166503	0.620358	-1.61197	0.155089	1.63635	1.63635	0.859454	0.944249	-1.05904	0.112919	1.74796	1.74796	0.0189287	0.398559	-2.50904
cg19627538	ABR;ABR	0.0368094	0.0829151	0.864111	-1.15726	0.267489	0.915882	-1.09184	0.0202136	0.808128	-1.23743	0.866115	0.987247	-1.01292	0.234023	0.909465	-1.09955
cg25743486	ABR;ABR	0.0375985	0.804826	1.08434	1.08434	0.563611	0.826185	-1.21038	0.192087	0.636625	-1.57078	0.513249	1.24214	1.24214	0.00477997	0.29379	-3.4038
cg01884917	ABR;ABR	0.0463599	0.0223291	0.221465	-4.51538	0.2637	0.526493	-1.89936	0.387152	0.613806	-1.62918	0.897548	0.931528	-1.07351	0.0191776	0.210059	-4.76057
cg09636024	ABR;ABR	0.0496383	0.332656	0.849097	-1.17772	0.396384	1.15276	1.15276	0.589537	1.09325	1.09325	0.495389	0.892872	-1.11998	0.0028669	0.51096	-1.9571
cg08034867	ABR;ABR;ABR	3.38E-05	0.00182251	0.430684	-2.32189	4.00E-06	0.1304	-7.66873	0.000386528	0.340815	-2.93414	0.0607893	0.669076	-1.4946	8.32E-06	0.157592	-6.3455
cg24479027	ABR;ABR;ABR	4.11E-05	0.0784029	1.55491	1.55491	1.07E-05	8.33465	8.33465	0.0892884	1.52658	1.52658	0.288292	1.28261	1.28261	0.835464	0.954129	-1.04808
cg10532807	ABR;ABR;ABR	0.000116222	0.919949	1.00924	1.00924	0.000298527	0.583654	-1.71334	0.000650736	1.61334	1.61334	0.00894239	0.737683	-1.3556	0.0210015	1.2892	1.2892
cg24437429	ABR;ABR;ABR	0.00014108	0.0111552	0.462037	-2.16433	0.000455088	3.82157	3.82157	0.00139316	3.07779	3.07779	0.091667	1.56953	1.56953	0.00896502	0.446302	-2.24063
cg00196407	ABR;ABR;ABR	0.00058749	0.0158283	1.5096	1.5096	5.14E-05	2.87551	2.87551	0.858222	0.975394	-1.02523	0.0679559	1.32955	1.32955	0.0905986	0.771219	-1.29665
cg18984809	ABR;ABR;ABR	0.000780878	0.250232	1.22975	1.22975	0.0124578	0.585534	-1.70784	0.0027505	0.49106	-2.03641	0.0477018	1.4766	1.4766	0.00280364	0.492215	-2.03163
cg15224383	ABR;ABR;ABR	0.000872654	0.486356	0.928362	-1.07717	0.478417	0.927059	-1.07868	0.000179416	0.513413	-1.94775	0.0171021	1.35725	1.35725	0.0504901	0.79116	-1.26397
cg23407655	ABR;ABR;ABR	0.00130221	0.27342	0.90159	-1.10915	0.0121291	0.752618	-1.32869	0.000540709	0.613261	-1.63063	0.00188992	0.670133	-1.49224	0.0213834	0.777768	-1.28573
cg00634573	ABR;ABR;ABR	0.00151294	0.560316	0.923553	-1.08278	0.0169077	1.48217	1.48217	0.968922	1.00528	1.00528	0.433629	1.11394	1.11394	0.559836	0.923461	-1.08288
cg09068169	ABR;ABR;ABR	0.00332696	0.296402	1.18166	1.18166	0.0335052	1.46661	1.46661	0.00449293	0.557664	-1.7932	0.89732	1.0201	1.0201	0.714011	1.05839	1.05839
cg15369512	ABR;ABR;ABR	0.00366831	0.683516	0.933848	-1.07084	0.000194878	2.84783	2.84783	0.00933678	1.7342	1.7342	0.421613	0.871901	-1.14692	0.282375	0.829834	-1.20506
cg23180978	ABR;ABR;ABR	0.00456347	0.737483	1.04002	1.04002	0.0678517	0.787757	-1.26943	0.0256191	1.36244	1.36244	0.105967	0.813869	-1.2287	0.0890538	0.803531	-1.24451
cg05648510	ABR;ABR;ABR	0.00483739	0.291312	1.46206	1.46206	0.0279064	0.406074	-2.4626	0.00946302	0.319606	-3.12885	0.182492	0.612147	-1.6336	0.000662073	0.163872	-6.10234
cg09639964	ABR;ABR;ABR	0.00682686	0.189126	0.594972	-1.68075	0.000156605	0.0893654	-11.19	0.696917	0.864077	-1.1573	0.618281	1.20623	1.20623	0.100199	0.510553	-1.95866
cg17780682	ABR;ABR;ABR	0.00726459	0.00247929	0.467864	-2.13737	0.402317	0.856602	-1.1674	0.0191691	1.66831	1.66831	0.467516	0.875028	-1.14282	0.816591	0.958914	-1.04285
cg21978135	ABR;ABR;ABR	0.0118221	0.142846	0.512225	-1.95227	0.000871486	8.34332	8.34332	0.206903	1.76021	1.76021	0.706866	1.17408	1.17408	0.504383	1.33346	1.33346
cg27016262	ABR;ABR;ABR	0.014701	0.173375	0.688762	-1.45188	0.00307443	2.83797	2.83797	0.0229027	2.01494	2.01494	0.480571	0.831474	-1.20268	0.226666	0.721285	-1.38642
cg10250580	ABR;ABR;ABR	0.0168291	0.372781	0.850373	-1.17595	0.00279518	2.07476	2.07476	0.0121048	1.74036	1.74036	0.0676168	1.43717	1.43717	0.136014	0.752342	-1.32918
cg18605237	ABR;ABR;ABR	0.0200697	0.966058	1.00629	1.00629	0.374346	0.87424	-1.14385	0.789028	0.961243	-1.04032	0.116092	1.28623	1.28623	0.0256576	0.676597	-1.47798
cg04833819	ABR;ABR;ABR	0.0251998	0.798869	0.886892	-1.12753	0.839228	0.908923	-1.1002	0.934807	1.03921	1.03921	0.391482	1.51094	1.51094	0.00052043	0.0785659	-12.7282
cg06968724	ABR;ABR;ABR	0.0270222	0.446815	1.58136	1.58136	0.00976148	6.89984	6.89984	0.747947	1.20993	1.20993	0.0896626	3.02183	3.02183	0.159278	0.411048	-2.43281
cg01555791	ABR;ABR;ABR	0.0310173	0.0591839	0.512688	-1.9505	0.0252164	2.30403	2.30403	0.249491	1.45856	1.45856	0.139706	0.607505	-1.64608	0.12465	0.593717	-1.6843
cg10230533	ABR;ABR;ABR	0.035526	0.771991	0.941806	-1.06179	0.0685312	1.52314	1.52314	0.0804089	0.670196	-1.4921	0.00798072	2.01717	2.01717	0.637077	1.10303	1.10303
cg02110776	ABR;ABR;ABR	0.0356808	0.00702053	0.331415	-3.01737	0.125652	0.591493	-1.69064	0.067242	0.522143	-1.91518	0.12132	0.587307	-1.70269	0.110194	0.576029	-1.73602
cg25027863	ABR;ABR;ABR	0.0359889	0.327543	0.764531	-1.30799	0.280266	1.34738	1.34738	0.0980321	0.617466	-1.61952	0.0255692	2.02328	2.02328	0.665768	0.890963	-1.12238
cg10629020	ABR;ABR;ABR	0.0415672	0.00851985	0.267493	-3.73842	0.0231474	0.344215	-2.90516	0.487607	0.75806	-1.31916	0.160624	0.55507	-1.80157	0.02225	0.340868	-2.93369
cg00718414	ABR;ABR;ABR	0.0432806	0.0957005	0.709537	-1.40937	0.0523046	0.661107	-1.51261	0.112212	1.38302	1.38302	0.0534594	1.50877	1.50877	0.0951362	0.709042	-1.41035
cg05633070	ABR;ABR;ABR	0.0435225	0.0266677	3.87881	3.87881	0.00547737	6.58733	6.58733	0.451672	1.48552	1.48552	0.0273391	3.84778	3.84778	0.642161	0.78543	-1.27319
cg07992519	ABR;ABR;ABR	0.0453271	0.00532624	2.33858	2.33858	0.337269	1.25723	1.25723	0.408695	0.822402	-1.21595	0.49168	0.850778	-1.17539	0.0634248	1.62088	1.62088
cg11933712	ABR;ABR;ABR	0.0491157	0.0504321	2.14262	2.14262	0.0607184	2.05983	2.05983	0.0144497	0.356966	-2.80139	0.0665593	2.01999	2.01999	0.213028	1.56549	1.56549
cg14430738	ABT1	0.00427074	0.186835	1.51782	1.51782	0.670839	1.13481	1.13481	0.619799	0.862432	-1.15951	0.269131	0.710161	-1.40813	7.96E-05	0.09727	-10.2807
cg02478829	ABT1	0.0170758	0.0223071	0.272465	-3.6702	0.00133116	0.109101	-9.16585	0.453479	1.43703	1.43703	0.393753	0.660489	-1.51403	0.00968735	0.211402	-4.73033
cg27028749	ABT1	0.0187598	0.832025	0.969238	-1.03174	0.6455	0.934131	-1.07051	0.254576	1.19124	1.19124	0.590944	1.08308	1.08308	0.153987	1.2517	1.2517
cg05185573	ABT1	0.0227748	0.0156264	0.202521	-4.93776	0.00741539	0.155944	-6.41257	0.0565511	0.31256	-3.19939	0.885145	1.08098	1.08098	0.0145739	0.197714	-5.05781
cg07399395	ABT1	0.0232331	0.131147	0.6048	-1.65344	0.107146	0.581235	-1.72047	0.137885	0.61084	-1.63709	0.0210372	0.424737	-2.3544	0.0106929	0.371616	-2.69095
cg09996902	ABT1	0.0312338	0.172531	0.38186	-2.61876	0.143	0.352107	-2.84005	0.165158	0.374672	-2.669	0.287692	0.480961	-2.07917	0.0167889	0.144407	-6.92485
cg24283994	ABT1	0.0416177	0.673005	1.05266	1.05266	0.113164	1.23174	1.23174	0.00977237	1.48438	1.48438	0.668807	1.0534	1.0534	0.0303455	0.735092	-1.36037
cg06728252	ABT1	0.0493534	0.217912	0.358256	-2.7913	0.0228005	0.115562	-8.65335	0.91684	0.92061	-1.08624	0.742658	1.29815	1.29815	0.128221	0.271904	-3.67777
cg01123353	ABTB1;ABTB1;ABTB1	0.0489385	0.456798	0.669571	-1.49349	0.495424	1.44251	1.44251	0.444575	0.661983	-1.51061	0.472304	1.47248	1.47248	0.000972462	0.0744369	-13.4342
cg18353563	ABTB1;PODXL2;ABTB1;ABTB1	0.0177068	0.0218141	0.466446	-2.14387	0.00887399	0.397438	-2.51611	0.266072	0.725374	-1.3786	0.0808143	0.584837	-1.70988	0.014757	0.435462	-2.29641
cg20211779	ABTB2	6.80E-06	0.00310206	1.12919	1.12919	0.000179264	0.826541	-1.20986	0.00057213	0.852025	-1.17367	0.422176	1.02492	1.02492	0.00235153	1.13593	1.13593
cg24458825	ABTB2	0.00146424	0.00383105	0.413094	-2.42076	0.376543	1.22851	1.22851	0.00522845	0.433637	-2.30607	0.00102981	0.331881	-3.01313	0.000103098	0.210493	-4.75075
cg08202743	ABTB2	0.00234408	0.198467	1.34158	1.34158	0.000130956	4.20236	4.20236	0.00162938	2.65391	2.65391	0.574514	1.13049	1.13049	0.259545	0.775442	-1.28959
cg01178601	ABTB2	0.00288796	0.02355	0.608945	-1.64218	0.445259	1.15341	1.15341	0.51626	0.886283	-1.12831	0.380121	0.847783	-1.17955	0.000596509	0.378364	-2.64296
cg16661143	ABTB2	0.00432096	0.000827762	0.195748	-5.1086	0.40059	0.756759	-1.32142	0.000737873	0.190019	-5.26262	0.0656103	0.512069	-1.95286	0.0228579	0.413914	-2.41596
cg01369908	ABTB2	0.00920995	0.0247574	0.510939	-1.95718	0.0512531	0.572565	-1.74653	0.00946775	0.437801	-2.28414	0.00423338	0.382168	-2.61665	0.071421	0.603031	-1.65829
cg19829455	ABTB2	0.00930789	0.0753843	2.08772	2.08772	0.0831145	2.04086	2.04086	0.42897	1.35016	1.35016	0.0456984	2.34389	2.34389	0.0697187	2.12589	2.12589
cg04954111	ABTB2	0.0125051	0.0308989	0.204547	-4.88885	0.00175753	0.0613446	-16.3014	0.040515	0.227332	-4.39885	0.303556	0.51311	-1.9489	0.00566592	0.103024	-9.70647
cg20728639	ABTB2	0.0146404	0.371205	1.15073	1.15073	0.0443479	1.42352	1.42352	0.0778868	1.34928	1.34928	0.0586808	0.721414	-1.38617	0.105492	0.763062	-1.31051
cg23845009	ABTB2	0.0185018	0.0352649	0.671654	-1.48886	0.133482	0.768952	-1.30047	0.488511	0.892057	-1.121	0.00530065	0.550734	-1.81576	0.707201	0.940588	-1.06316
cg15112369	ABTB2	0.0248089	0.0242818	0.658119	-1.51948	0.0152064	0.628427	-1.59128	0.253074	0.830284	-1.20441	0.22727	1.21835	1.21835	0.003863	0.545277	-1.83393
cg25522867	ABTB2	0.0315558	0.0125809	0.200798	-4.98013	0.161942	2.1654	2.1654	0.50444	0.704375	-1.4197	0.0185845	0.228448	-4.37737	0.320893	0.588253	-1.69995
cg07646714	ABTB2	0.0383663	0.297156	1.3062	1.3062	0.0214284	0.50508	-1.97989	0.469045	0.833559	-1.19968	0.89729	0.968587	-1.03243	0.00245277	0.352951	-2.83326
cg08401725	ABTB2	0.0400681	0.0604844	0.392952	-2.54484	0.00212769	0.148828	-6.71915	0.117218	0.471953	-2.11885	0.277755	0.607709	-1.64553	0.0205112	0.291783	-3.42721
cg04597004	ABTB2	0.0475775	0.274206	0.761477	-1.31324	0.0450287	1.73477	1.73477	0.118783	1.50009	1.50009	0.367552	1.24817	1.24817	0.263049	0.756193	-1.32241
cg10548708	ACAA1;ACAA1;ACAA1	8.11E-06	9.04E-05	0.395062	-2.53125	0.0117534	1.51818	1.51818	0.000114612	0.407449	-2.4543	0.0199337	1.45167	1.45167	2.11E-05	0.320862	-3.1166
cg17696234	ACAA1;ACAA1;ACAA1	0.000421987	4.04E-05	0.383966	-2.60439	0.135406	0.821594	-1.21715	0.00140112	0.568355	-1.75946	0.0725214	1.2772	1.2772	0.015553	0.696079	-1.43662
cg06069310	ACAA1;ACAA1;ACAA1;MYD88	7.86E-05	2.53E-05	0.062858	-15.9089	0.000115291	9.37515	9.37515	0.0167531	0.380474	-2.6283	0.464002	0.78139	-1.27977	0.00219136	0.241298	-4.14425
cg07895684	ACAA1;ACAA1;ACAA1;MYD88	0.000384461	1.54E-05	0.204874	-4.88105	0.0510294	1.48259	1.48259	0.557792	1.11075	1.11075	0.00916069	0.556312	-1.79755	0.214513	0.793307	-1.26055
cg24368167	ACAA1;ACAA1;ACAA1;MYD88	0.00102567	0.00824245	0.566727	-1.76452	0.00180665	2.10791	2.10791	0.00554491	0.542027	-1.84493	0.0228048	0.632619	-1.58073	0.00635594	0.550481	-1.81659
cg15427004	ACAA1;ACAA1;ACAA1;MYD88	0.00358673	0.00179603	0.362651	-2.75747	0.00332731	2.49116	2.49116	0.0510944	0.60209	-1.66088	0.104757	0.667048	-1.49914	0.781633	0.938514	-1.06551
cg17034030	ACAA1;ACAA1;ACAA1;MYD88	0.00562915	0.0128022	0.365388	-2.73682	0.000342252	6.5379	6.5379	0.274541	0.690597	-1.44802	0.395976	0.753479	-1.32718	0.107121	0.563989	-1.77308
cg06239037	ACAA1;ACAA1;ACAA1;MYD88;MYD88	0.000384123	0.0342697	1.80096	1.80096	0.298255	0.773495	-1.29283	0.129523	1.4772	1.4772	0.471779	1.19048	1.19048	0.248091	1.33325	1.33325
cg01353464	ACAA1;ACAA1;ACAA1;MYD88;MYD88	0.00248187	0.721937	1.03569	1.03569	0.780778	1.02776	1.02776	0.957445	0.994776	-1.00525	0.450378	0.927291	-1.07841	0.00117735	0.62676	-1.59551
cg15348640	ACAA1;ACAA1;ACAA1;MYD88;MYD88	0.00256088	0.295358	0.789222	-1.26707	0.0265425	1.77452	1.77452	0.00205842	0.387927	-2.57781	0.00588602	0.455618	-2.19482	0.0384795	1.68709	1.68709
cg25525163	ACAA1;ACAA1;MYD88;ACAA1	0.00248603	0.43509	1.17951	1.17951	0.0947878	0.683416	-1.46324	0.498386	0.867195	-1.15314	0.149107	0.72561	-1.37815	0.0556117	1.5678	1.5678
cg03345145	ACAA2	0.000150087	0.000476168	0.447013	-2.23707	0.00290008	0.548295	-1.82383	0.115932	0.778172	-1.28506	0.845546	1.02904	1.02904	0.00857911	0.611327	-1.63579
cg00231140	ACAA2;SCARNA17	1.30E-06	0.959401	0.992232	-1.00783	1.31E-06	6.68476	6.68476	7.68E-05	2.99646	2.99646	6.72E-07	7.94457	7.94457	0.760282	0.954203	-1.04799
cg06135495	ACAA2;SCARNA17	1.17E-05	0.00184383	0.400938	-2.49415	2.57E-05	5.60548	5.60548	0.0233458	1.75078	1.75078	8.35E-05	4.21501	4.21501	0.79314	1.09046	1.09046
cg07375836	ACACA;ACACA	0.00536076	0.00552861	0.26611	-3.75784	0.911128	1.04132	1.04132	0.109151	0.550324	[illegible]	0.162588	0.564368	-1.77189	0.0689864	0.477672	-2.09349
cg21401740	ACACA;ACACA	0.0308567	0.798334	0.947853	-1.05502	0.856163	1.03806	1.03806	0.0598585	0.64138	-1.55914	0.00639532	0.440145	-2.27198	0.0295661	0.585155	-1.70895
cg11904960	ACACA;ACACA;ACACA	0.00731523	0.000818709	0.466144	-2.14526	0.512363	1.08376	1.08376	0.221138	1.16838	1.16838	0.533554	0.926489	-1.07934	0.0189015	0.708806	-1.41082
cg19867784	ACACA;ACACA;ACACA	0.0217497	0.344085	0.808095	-1.23748	0.00242863	2.51649	2.51649	0.00288998	2.44887	2.44887	0.655752	1.10307	1.10307	0.36837	0.817095	-1.22385

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19651341	0.0781112	0.473155	-2.11347	0.29825	0.662184	-1.51015	0.0775327	0.472315	-2.11723	0.837869	1.08148	1.08148	4.94866	11.455	2.05757	1
cg14529598	0.00650508	0.447828	-2.233	0.0376585	0.578281	-1.72926	0.549863	1.14732	1.14732	0.0208319	0.531608	-1.88109	4.75557	3.88622	0.726394	1
cg05206762	0.569946	0.941971	-1.0616	0.048609	1.26432	1.26432	0.748733	1.03403	1.03403	0.246087	0.881351	-1.13462	4.51389	0.774972	0.15261	1
cg17823807	0.953915	1.01949	1.01949	0.0901284	0.535945	-1.86586	0.547403	1.22546	1.22546	0.179415	0.62113	-1.60997	4.32119	7.63189	1.56991	1
cg26979974	0.570949	0.705235	-1.41797	0.0863885	0.314972	-3.17488	0.419528	0.60472	-1.65366	0.878478	0.910912	-1.0978	4.29053	25.2719	5.23569	1
cg12963356	0.00600327	0.606683	-1.64831	0.124265	1.26069	1.26069	0.0733045	0.757324	-1.32044	0.093908	0.773856	-1.29223	4.20217	1.28927	0.27272	1
cg10837111	0.196991	0.835622	-1.19671	0.0177579	1.46159	1.46159	0.00383138	0.598568	-1.67065	0.34249	0.879182	-1.13742	4.02981	1.10629	0.244025	1
cg14128098	0.559352	1.08805	1.08805	0.0133976	1.54926	1.54926	0.569045	0.921025	-1.08575	0.273498	1.17691	1.17691	3.78886	1.22607	0.287643	1
cg26182487	0.664487	1.06532	1.06532	0.0580746	0.732994	-1.36427	0.165635	1.23913	1.23913	5.32E-09	38.0466	38.0466	79.9812	26.6355	0.29602	1
cg04669407	3.64E-06	7.72336	7.72336	4.30E-05	4.32604	4.32604	0.000429751	2.85775	2.85775	6.67E-07	12.839	12.839	59.0344	33.208	0.500018	1
cg03997398	0.000192787	2.91239	2.91239	0.406724	1.1555	1.1555	0.00487298	1.88806	1.88806	1.19E-06	8.49005	8.49005	37.312	17.1361	0.408235	1
cg23305768	7.02E-05	4.50559	4.50559	0.334902	1.22915	1.22915	0.497241	1.15372	1.15372	1.35E-05	6.61878	6.61878	21.8502	14.8961	0.605988	1
cg05459971	0.0113371	1.80632	1.80632	0.0118904	1.79595	1.79595	9.60E-05	3.64904	3.64904	0.000726327	2.60766	2.60766	20.6842	11.3941	0.489652	1
cg00245502	0.000433494	0.305377	-3.27464	0.812811	1.05187	1.05187	0.0475389	0.616834	-1.62118	0.0016499	0.382779	-2.61247	13.5319	9.73987	0.639796	1
cg25326776	0.372956	0.763553	-1.30967	0.0365624	0.48842	-2.04742	0.523763	0.826486	-1.20994	0.000214276	6.1909	6.1909	7.71037	10.6232	1.2247	1
cg11438560	0.0099565	2.11712	2.11712	0.0256643	0.542947	-1.8418	0.562665	1.14439	1.14439	0.00930228	2.13894	2.13894	5.95944	5.01169	0.747526	1
cg05026186	0.219569	0.673134	-1.48559	0.154647	0.626835	-1.59532	0.0250192	2.26484	2.26484	0.0318282	2.1627	2.1627	5.85343	8.71436	1.32334	1
cg18129178	0.625537	1.1521	1.1521	0.016795	2.31651	2.31651	0.00452257	2.97176	2.97176	0.14118	1.57705	1.57705	5.1879	6.80933	1.1667	1
cg17259656	0.801104	1.01314	1.01314	0.0938674	1.09999	1.09999	0.0468289	0.888938	-1.12494	5.52E-11	10.0319	10.0319	255.612	10.834	0.0376749	1
cg11657970	?	?	?	?	?	?	?	?	?	7.92E-07	312.059	312.059	69.9163	80.1652	1.60522	1
cg25821963	0.238279	0.813338	-1.2295	0.770617	1.05012	1.05012	0.837924	0.966322	-1.03485	7.35E-08	20.2372	20.2372	40.5353	17.9609	0.393861	1
cg11879188	0.265612	1.23234	1.23234	0.00103774	2.39828	2.39828	0.432844	0.865764	-1.15505	0.0861921	1.40693	1.40693	17.1716	8.81998	0.456568	1
cg13506600	0.0555106	2.76602	2.76602	0.0122548	4.31797	4.31797	0.000311473	15.5141	15.5141	0.000276159	16.3023	16.3023	13.4677	46.8819	3.09428	1
cg07241568	0.556686	1.08084	1.08084	0.021289	0.696313	-1.43614	0.000230322	2.22498	2.22498	0.13314	0.809069	-1.23599	12.5605	3.40176	0.240737	1
cg14636261	0.886541	0.964391	-1.03692	0.000144874	5.26907	5.26907	0.240674	1.36611	1.36611	0.00141332	3.23337	3.23337	12.0867	12.3471	0.908038	1
cg06818865	0.0042328	0.320676	-3.11841	0.206682	0.673287	-1.48525	0.000233114	0.163109	-6.13086	0.0192223	0.431144	-2.31941	11.3583	15.871	1.24204	1
cg24267699	0.616335	1.13291	1.13291	0.152076	0.684539	-1.46084	0.000163278	4.8971	4.8971	0.402202	0.809142	-1.23588	6.22237	6.01341	0.859038	1
cg22535403	0.0237806	1.84875	1.84875	0.00499165	2.33085	2.33085	0.0535615	1.64755	1.64755	0.841998	0.955564	-1.0465	5.35332	4.39749	0.730178	1
cg21160290	0.872939	1.06781	1.06781	0.495132	0.752798	-1.32838	0.032372	0.358074	-2.79272	0.639186	0.824007	-1.21358	4.86242	12.9412	2.36576	1
cg13850847	0.0492074	1.99378	1.99378	0.0748843	0.543486	-1.83997	0.494146	0.807823	-1.23789	0.646381	0.867631	-1.15256	4.16977	6.23905	1.33001	1
cg01104073	0.00124123	0.542693	-1.84266	0.0394513	1.36141	1.36141	0.604369	1.07004	1.07004	1.79E-05	0.321498	-3.11044	29.3665	7.80105	0.236129	1
cg06221570	0.563466	0.905479	-1.10439	0.299225	1.2007	1.2007	2.65E-05	0.243604	-4.10503	0.00790056	0.560336	-1.78464	11.7371	5.37237	0.406868	1
cg26475742	0.29306	0.847731	-1.17962	0.0414902	1.42767	1.42767	9.36E-05	0.348199	-2.87192	0.0118505	0.621375	-1.60933	8.77733	3.18848	0.3229	1
cg14909495	0.739183	1.06991	1.06991	0.170009	1.34389	1.34389	0.000153855	0.269319	-3.71308	0.0204023	0.568248	-1.7598	8.45838	5.47885	0.575771	1
cg13603551	0.434173	1.17611	1.17611	0.00638342	2.05749	2.05749	0.00105088	0.373287	-2.6789	0.0148393	0.543763	-1.83904	7.38037	4.83	0.581723	1
cg05289678	0.0120997	1.8396	1.8396	0.00134316	2.47898	2.47898	0.0429301	0.635122	-1.5745	0.140065	0.733937	-1.36251	7.34715	4.4177	0.534472	1
cg27573031	0.549776	0.886339	-1.12824	0.355287	1.20875	1.20875	0.625366	1.10308	1.10308	0.424483	1.1766	1.1766	6.46092	4.06769	0.55963	1
cg04514683	0.113904	0.641574	-1.55867	0.999635	0.999882	-1.00012	0.00526369	0.386918	-2.58453	0.0343178	0.528809	-1.89104	5.62007	5.9274	0.937498	1
cg19807420	0.949023	1.01034	1.01034	0.0605844	1.40553	1.40553	0.00648354	0.565877	-1.76717	0.900554	1.02032	1.02032	9.30467	3.81485	0.364438	1
cg09927651	0.00556693	1.76792	1.76792	0.148408	1.2745	1.2745	0.58964	0.918327	-1.08894	0.922904	1.01526	1.01526	6.17728	2.39534	0.344681	1
cg23372723	0.890012	1.03015	1.03015	7.65E-06	0.121271	-8.24603	0.65064	1.10281	1.10281	0.00227347	0.399977	-2.50014	20.1169	14.6808	0.648691	1
cg06214745	4.78E-05	0.331798	-3.01389	0.853328	1.02703	1.02703	0.483086	1.10817	1.10817	0.00177138	0.526514	-1.89929	18.6287	6.1259	0.292304	1
cg08458121	0.0360848	2.45358	2.45358	0.000369892	0.122642	-8.15379	0.000191949	10.1027	10.1027	0.00791703	3.50425	3.50425	17.7415	38.0927	1.90853	1
cg16374343	0.669703	1.10283	1.10283	4.33E-05	0.170234	-5.87425	0.837949	1.04782	1.04782	0.0025016	0.383663	-2.60646	13.2601	10.9273	0.732508	1
cg06285925	0.00675139	0.439183	-2.27696	0.00147034	2.93206	2.93206	0.0133395	2.05089	2.05089	0.185426	1.38962	1.38962	11.4364	9.94429	0.772915	1
cg07417284	0.235693	0.836645	-1.19525	5.67E-05	0.341983	-2.92412	0.129411	0.790452	-1.2651	0.00947864	1.60285	1.60285	9.78603	3.19252	0.289984	1
cg14458783	0.018969	3.65227	3.65227	0.00784753	0.211065	-4.73789	0.00482914	5.49922	5.49922	0.0498813	2.77265	2.77265	9.75211	32.1125	2.927	1
cg03131829	0.0416172	2.0027	2.0027	0.0532135	0.522375	-1.91433	0.0104151	2.59522	2.59522	0.0771787	1.78772	1.78772	6.79607	9.40845	1.23057	1
cg23329015	0.100316	0.688371	-1.45271	0.133278	0.714677	-1.39923	0.0315372	0.592722	-1.68713	0.998641	0.999647	-1.00035	4.86807	3.31703	0.605676	1
cg14641764	0.00210197	0.566578	-1.76498	0.942984	1.00944	1.00944	0.0664578	0.763141	-1.31037	0.593973	1.07322	1.07322	4.80262	1.31197	0.242824	1
cg25374854	0.224519	1.4641	1.4641	0.508848	1.22172	1.22172	0.231563	1.45492	1.45492	0.0186946	2.34346	2.34346	4.76604	6.73976	1.257	1
cg21195914	0.023406	1.91465	1.91465	0.7661	1.07417	1.07417	0.109337	1.52002	1.52002	0.598131	0.880232	-1.13606	4.76223	4.33844	0.809786	1
cg17840849	0.0259497	0.268234	-3.72809	0.00756913	0.180838	-5.52982	0.0300144	0.280666	-3.56296	0.755693	0.856103	-1.16808	4.70401	18.4606	3.48839	1
cg26235490	0.154682	1.51137	1.51137	0.0547042	1.80555	1.80555	0.321284	0.757422	-1.32027	0.922563	0.973982	-1.02671	4.4638	5.19726	1.03494	1
cg14335816	0.580338	0.881546	-1.13437	0.995701	0.998784	-1.00122	0.00647814	2.22345	2.22345	0.321968	0.793747	-1.25985	4.41129	3.56091	0.717535	1
cg11149849	0.164453	1.41588	1.41588	0.552538	0.868602	-1.15128	0.13578	1.45774	1.45774	0.948128	0.984862	-1.01537	4.39371	3.82469	0.773771	1
cg02485462	0.779748	0.913258	-1.09498	0.479158	0.792275	-1.26219	0.0062896	3.16444	3.16444	0.0959333	1.80727	1.80727	4.15776	6.89811	1.47475	1
cg19627538	0.045029	1.1912	1.1912	0.0213654	1.23414	1.23414	0.235928	1.09908	1.09908	0.845013	0.985223	-1.015	3.797	0.347951	0.0814565	1
cg25743486	0.0718331	0.518265	-1.92951	0.0188226	2.53621	2.53621	0.641114	1.16594	1.16594	0.47643	0.789157	-1.26717	3.76774	6.38228	1.50572	1
cg01884917	0.172211	0.4493	-2.22568	0.00671636	0.144354	-6.92743	0.191693	2.14047	2.14047	0.618385	0.758425	-1.31852	3.48636	16.7397	4.26798	1
cg09636024	0.100328	0.744774	-1.34269	0.283412	1.20012	1.20012	0.348324	0.853811	-1.17122	0.0527858	0.697445	-1.43381	3.39749	1.44165	0.377181	1
cg08034867	0.000161374	0.293819	-3.40346	0.000540677	0.359586	-2.78098	0.000534058	0.35889	-2.78637	0.652182	0.917352	-1.09009	29.507	16.8921	0.508869	1
cg24479027	1.69E-06	15.0097	15.0097	0.0184401	1.90683	1.90683	0.0871553	1.53182	1.53182	0.000250065	3.91241	3.91241	28.0343	22.6332	0.717634	1
cg10532807	0.0134444	1.32313	1.32313	1.76E-05	2.23392	2.23392	0.0791494	1.19522	1.19522	0.780909	1.02584	1.02584	21.2668	2.81934	0.11784	1
cg24437429	1.02E-05	9.92444	9.92444	0.662871	0.898998	-1.11235	0.600351	1.13691	1.13691	0.872814	1.03965	1.03965	20.1876	18.837	0.829422	1
cg00196407	0.583568	0.925766	-1.08019	0.0535545	0.736776	-1.35726	0.000355202	2.22321	2.22321	0.031013	1.42304	1.42304	13.6639	4.20109	0.273297	1
cg18984809	0.217881	1.24996	1.24996	8.21E-05	0.29474	-3.39282	0.923181	0.983535	-1.01674	0.0130163	0.58839	-1.69955	12.6177	5.92067	0.417099	1
cg15224383	0.61782	1.05429	1.05429	0.000148604	0.50401	-1.98409	0.186242	1.15867	1.15867	0.0686731	0.80722	-1.23882	12.2288	2.1391	0.155487	1
cg23407655	0.0444929	0.8108	-1.23335	0.133315	0.863134	-1.15857	0.00728882	1.36963	1.36963	0.00109469	0.6455	-1.54919	10.9137	1.42795	0.116302	1
cg00634573	0.00689485	1.60376	1.60376	4.28E-05	2.8579	2.8579	0.0517091	0.741544	-1.34854	0.698724	1.05393	1.05393	10.4537	3.01951	0.256752	1
cg09068169	0.010517	0.608758	-1.64269	0.00882301	1.67206	1.67206	0.0145345	1.59063	1.59063	0.00525535	1.7638	1.7638	8.29862	3.12412	0.334634	1
cg15369512	0.00562126	1.83487	1.83487	0.297711	0.835054	-1.19753	0.671014	1.07395	1.07395	0.179633	1.26869	1.26869	8.05958	3.55906	0.392527	1
cg23180978	0.188143	0.849874	-1.17665	0.000370861	1.94356	1.94356	0.582069	0.937222	-1.06698	0.0437424	1.31047	1.31047	7.54557	1.6259	0.191536	1
cg05648510	0.0091935	0.317512	-3.14948	0.00580694	0.285555	-3.50195	0.0654422	0.488068	-2.04889	0.00764196	0.304359	-3.2856	7.41297	14.1277	1.69405	1
cg09639964	0.011061	0.304414	-3.285	0.14504	0.557581	-1.79346	0.0397965	0.411827	-2.4282	0.814932	1.09146	1.09146	6.66694	14.7104	1.96131	1
cg17780682	0.00195983	0.453638	-2.2044	0.912444	0.980333	-1.02006	0.866941	0.970172	-1.03074	0.0106841	0.560179	-1.78514	6.53894	3.37722	0.459092	1
cg21978135	0.418841	1.42035	1.42035	0.0160886	0.286158	-3.49457	0.0960195	2.17384	2.17384	0.290173	0.627301	-1.59413	5.60055	16.0057	2.54033	1
cg27016262	0.0121334	2.23611	2.23611	0.793646	0.934752	-1.0698	0.806246	1.06529	1.06529	0.0336697	1.8937	1.8937	5.21528	5.472	0.932645	1
cg10250580	0.25266	1.23571	1.23571	0.0278331	1.58485	1.58485	0.801184	0.956289	-1.04571	0.498381	0.88537	-1.12947	4.98629	2.4779	0.441727	1
cg18605237	0.954616	1.00842	1.00842	0.000935185	2.07077	2.07077	0.574515	0.919792	-1.0872	0.391096	1.13828	1.13828	4.699	1.61679	0.305841	1
cg04833819	0.768818	0.870617	-1.14861	0.486073	1.39476	1.39476	0.131336	2.15064	2.15064	0.829074	1.10698	1.10698	4.34518	15.2078	3.11105	1
cg06968724	0.00176371	13.917	13.917	0.759705	1.19881	1.19881	0.919023	1.06195	1.06195	0.200909	2.22196	2.22196	4.24044	23.4609	4.91792	1
cg01555791	0.285961	1.41556	1.41556	0.0196378	0.413113	-2.42064	0.0965313	0.564276	-1.77218	0.37675	1.32904	1.32904	4.03863	6.29076	1.38458	1
cg10230533	0.016322	0.545574	-1.83293	0.928452	0.981638	-1.01871	0.349221	1.22	1.22	0.856866	0.963429	-1.03796	3.84629	2.59396	0.599471	1
cg02110776	0.0986734	0.563422	-1.77487	0.00344382	0.284024	-3.52082	0.814519	1.0773	1.0773	0.119155	0.585174	-1.70889	3.84023	6.10569	1.41327	1
cg25027863	0.261697	0.732765	-1.36469	0.0128106	0.439872	-2.27339	0.196847	1.43688	1.43688	0.0876579	1.65007	1.65007	3.82826	4.27888	0.993519	1
cg10629020	0.0145276	0.306499	-3.26265	0.0753251	0.459437	-2.17658	0.713857	1.15564	1.15564	0.34752	0.683914	-1.46217	3.63124	8.87251	2.1719	1
cg00718414	0.694565	1.0768	1.0768	0.0674991	1.46831	1.46831	0.0903924	1.41889	1.41889	0.654249	0.918946	-1.0882	3.57718	1.99187	0.494956	1
cg05633070	0.518687	1.40168	1.40168	0.563101	0.739539	-1.35219	0.523554	1.39605	1.39605	0.0273543	3.84709	3.84709	3.56976	15.0601	3.75004	1
cg07992519	0.0311812	1.79517	1.79517	0.0384491	1.74179	1.74179	0.664776	1.10614	1.10614	0.130133	1.45978	1.45978	3.51598	2.98132	0.753721	1
cg11933712	0.290511	0.68736	-1.45484	0.455401	1.29671	1.29671	0.317125	1.42394	1.42394	0.778711	0.908212	-1.10106	3.41117	6.31017	1.64432	1
cg14430738	0.417318	1.27863	1.27863	0.729191	1.10825	1.10825	0.225433	0.684471	-1.46098	0.307249	1.36894	1.36894	8.97352	12.1529	1.05335	1
cg02478829	0.0499015	0.345834	-2.89156	0.0334285	0.307269	-3.25447	0.573176	0.763157	-1.31035	0.210166	0.53419	-1.87199	4.9621	17.7168	3.17372	1
cg27028749	0.0804955	1.33	1.33	0.000681477	0.466013	-2.14586	0.24984	1.19352	1.19352	0.664783	1.06623	1.06623	4.80768	1.64764	0.304631	1
cg05185573	0.034169	0.264049	-3.78718	0.0117974	0.18374	-5.44247	0.402557	0.630318	-1.5865	0.0329234	0.260778	-3.83468	4.50009	20.6871	4.08626	1
cg07399395	0.00682223	0.339157	-2.94849	0.0712375	0.537055	-1.86201	0.414487	1.29351	1.29351	0.01016	0.367816	-2.71875	4.46929	6.73763	1.34004	1
cg09996902	0.0135597	0.131902	-7.58136	0.00270125	0.0640368	-15.616	0.640599	0.732143	-1.36585	0.0241574	0.168192	-5.94557	4.02862	28.054	6.18993	1
cg24283994	0.0292923	0.733134	-1.36401	0.682687	0.951523	-1.05095	0.796772	1.03169	1.03169	0.544304	1.07701	1.07701	3.6296	0.840202	0.205765	1
cg06728252	0.0730884	0.20533	-4.8702	0.00263673	0.0370221	-27.0109	0.127987	0.271652	-3.68118	0.209821	0.35108	-2.84835	3.40492	33.8249	8.83032	1
cg01123353	0.183554	0.47387	-2.11028	0.51251	0.703578	-1.42131	0.921288	0.949031	-1.05371	0.333073	0.589497	-1.69636	3.41584	15.1563	3.94405	1
cg18353563	0.694954	0.896562	-1.11537	0.00279868	0.319406	-3.13081	0.0111392	0.414133	-2.41468	0.0838927	0.588641	-1.69883	4.90211	5.95948	1.08062	1
cg20211779	0.00794048	0.902843	-1.10761	5.54E-07	0.659347	-1.51665	0.00354548	1.126	1.126	0.000930845	1.15998	1.15998	44.8306	0.640179	0.0126933	1
cg24458825	0.0301961	0.561	-1.78253	0.305394	0.786081	-1.27213	0.977793	1.00633	1.00633	0.0587698	0.616231	-1.62277	10.5526	8.5964	0.72411	1
cg08202743	0.295205	0.790787	-1.26456	0.24911	0.770686	-1.29754	0.780324	1.06232	1.06232	0.11086	0.686871	-1.45588	9.20459	6.81586	0.658208	1
cg01178601	0.558084	0.897054	-1.11476	0.00280997	2.12768	2.12768	0.00803675	0.536417	-1.86422	0.027048	0.618723	-1.61623	8.65532	4.61157	0.473602	1
cg16661143	0.769222	0.9091	-1.09999	0.00992769	0.348194	-2.87196	0.623414	0.851879	-1.17388	0.00437384	0.291421	-3.43147	7.67154	12.7487	1.47718	1
cg01369908	0.219017	0.72271	-1.38368	0.000606473	0.265066	-3.77264	0.0634081	0.591907	-1.68946	0.044583	0.560248	-1.78492	6.06777	6.06494	0.888474	1
cg19829455	0.0256506	2.67945	2.67945	0.000314859	8.76666	8.76666	0.0342277	2.50582	2.50582	0.00797996	3.54088	3.54088	6.0474	13.2413	1.9463	1
cg04954111	0.0564902	0.258701	-3.86547	0.00391675	0.0879222	-11.3737	0.169146	0.399612	-2.50243	0.041568	0.229613	-4.35515	5.4993	34.1503	5.51994	1
cg20728639	0.00911351	0.602567	-1.65957	0.0147725	0.632101	-1.58202	0.24577	1.20396	1.20396	0.327354	1.16719	1.16719	5.22239	1.93371	0.329131	1
cg23845009	0.085774	0.734751	-1.36101	0.147578	1.28687	1.28687	0.049278	0.694708	-1.43945	0.00321918	0.520718	-1.92042	4.8302	2.01562	0.370929	1
cg15112369	0.683876	0.938208	-1.06586	0.590126	1.08842	1.08842	0.297161	1.18341	1.18341	0.120556	0.769248	-1.29997	4.36887	1.67972	0.341756	1
cg25522867	0.0510972	0.316839	-3.15617	0.0184986	0.228101	-4.38402	0.0876086	0.376995	-2.65256	0.0380178	0.288121	-3.47077	4.01389	17.0155	3.76814	1
cg07646714	0.580445	0.871121	-1.14795	0.0554425	0.584786	-1.71003	0.748014	1.08292	1.08292	0.575839	1.14992	1.14992	3.73998	3.61774	0.859835	1
cg08401725	0.350826	0.654601	-1.52765	0.0272156	0.315588	-3.16869	0.747667	0.867243	-1.15308	0.47245	0.724349	-1.38055	3.68083	11.351	2.74116	1
cg04597004	0.0877983	0.636816	-1.57031	0.48316	0.843087	-1.18612	0.744712	0.92473	-1.0814	0.0087034	0.449012	-2.22711	3.45248	3.13647	0.807529	1
cg10548708	0.000767566	0.508689	-1.96584	1.14E-06	0.187037	-5.34654	0.0168509	1.47233	1.47233	0.00570079	0.618184	-1.61764	42.8372	11.9404	0.247767	1
cg17696234	0.101802	1.24445	1.24445	0.00683011	1.53395	1.53395	0.143454	1.21163	1.21163	0.0990657	0.80188	-1.24707	14.9774	3.53662	0.209893	1
cg06069310	0.156326	0.60539	-1.65183	0.0125941	0.358137	-2.79222	0.000890185	0.192554	-5.19335	0.00029816	0.142527	-7.01623	23.6102	40.9617	1.54214	1
cg07895684	0.144268	1.32038	1.32038	0.00298036	0.485784	-2.05853	0.00538438	0.52243	-1.91413	0.0184513	0.602614	-1.65944	15.3671	7.64137	0.442006	1
cg24368167	0.00613975	1.82371	1.82371	0.00641532	0.551058	-1.81469	0.35298	1.17423	1.17423	0.363455	1.16995	1.16995	11.6822	5.22549	0.397603	1
cg15427004	0.192361	1.37041	1.37041	0.0307689	[illegible]	[illegible]	0.00796543	0.459855	-2.1746	0.0423654	0.586299	-1.70561	8.11411	6.70207	0.734202	1
cg17034030	0.204613	1.5463	1.5463	0.0219135	[illegible]	-1.78748	0.536866	0.81557	-1.22584	[illegible]	0.709792	-1.40886	7.07691	11.884	1.49268	1
cg06239037	5.31E-05	6.0327	6.0327	9.66E-05	0.191695	-5.21662	0.581809	1.14168	1.14168	0.30482	0.776371	-1.28804	15.3708	13.8129	0.798797	1
cg01353464	0.000665301	1.66758	1.66758	0.8441	1.01951	1.01951	0.00182218	1.5448	1.5448	0.854936	1.01813	1.01813	9.05141	1.38104	0.135624	1
cg15348640	0.0113846	1.99566	1.99566	0.00856663	0.455393	-2.1959	0.261594	0.774637	-1.29093	0.66414	0.909105	-1.09996	8.96828	6.75798	0.669816	1
cg25525163	0.257168	1.27784	1.27784	9.13E-05	0.23471	-4.26058	0.12793	1.40664	1.40664	0.0535706	1.57537	1.57537	9.04695	6.15838	0.605079	1
cg03345145	0.37543	0.875004	-1.14285	0.00435246	1.7493	1.7493	0.237219	0.8338	-1.19933	6.17E-06	0.226625	-4.41258	19.8538	6.77485	0.303322	1
cg00231140	1.15E-06	6.9159	6.9159	3.06E-05	3.48297	3.48297	1.32E-06	6.6812	6.6812	0.475359	1.11761	1.11761	68.5454	25.475	0.330356	1
cg06135495	1.33E-05	5.96641	5.96641	0.00727829	2.04505	2.04505	3.13E-05	5.35577	5.35577	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07375836	0.665298	0.853827	-1.1712	0.000113969	0.0904712	-11.0532	0.909397	1.0422	1.0422	0.0309089	0.398488	-2.50948	7.18385	14.9979	1.85576	1
cg21401740	0.0296807	1.50081	1.50081	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11904960	0.00207563	1.64558	1.64558	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19867784	0.887524	0.969533	-1.03142	0.578136	1.13068	1.13068	0.478257	1.17072	1.17072	0.148105	1.40383	1.40383	4.57184	3.46106	0.672923	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17783593	ACACA;ACACA;ACACA	0.0218343	0.0203732	0.677869	-1.47521	0.0382107	1.39663	1.39663	0.0364803	1.40224	1.40224	0.848675	1.02692	1.02692	0.0668693	0.751483	-1.3307	0.0531519	0.736713	-1.35738	0.319159	1.15393	1.15393	0.602759	1.07575	1.07575	0.0499034	1.36479	1.36479	4.56577	1.39859	0.272285	1
cg20276743	ACACA;ACACA;ACACA;ACACA;ACACA	1.83E-06	0.00293024	0.711021	-1.40643	2.95E-08	0.185401	-5.3937	0.00142129	0.680267	-1.47001	0.00584994	0.739997	-1.35136	0.0131439	0.773661	-1.29256	0.000205683	0.595148	-1.68025	0.183186	1.12509	1.12509	0.000274103	1.64449	1.64449	0.00376196	0.721531	-1.38594	62.8298	6.93052	0.09805	1
cg26100256	ACACA;ACACA;ACACA;ACACA;ACACA	0.00118577	0.0176824	0.511588	-1.9547	0.8513	1.04456	1.04456	0.00514911	0.423923	-2.35892	0.458715	0.83924	-1.19155	0.000108616	0.20511	-4.87544	0.105525	0.663141	-1.50797	0.000232116	0.241957	-4.13296	0.484732	1.17931	1.17931	0.0317993	0.557363	-1.79416	11.2099	9.57957	0.759614	1
cg07660627	ACACA;ACACA;ACACA;ACACA;ACACA	0.00210558	0.444393	0.856294	-1.16782	0.00443898	0.469839	-2.12839	0.000774276	0.363341	-2.75223	0.0498986	0.640836	-1.56046	0.000890782	0.371469	-2.69202	0.137459	1.37479	1.37479	0.0629374	1.51631	1.51631	0.306911	1.23425	1.23425	0.0497701	0.640632	-1.56096	9.49831	5.95599	0.557385	1
cg06026545	ACACA;ACACA;ACACA;ACACA;ACACA	0.00325563	0.529511	0.905287	-1.10462	0.000903953	0.460405	-2.172	0.0458264	0.699351	-1.4299	0.190103	1.24207	1.24207	0.0697001	0.728414	-1.37285	0.00887553	0.594376	-1.68244	0.000720512	0.447612	-2.23408	0.0177432	0.637376	-1.56893	0.315102	1.17618	1.17618	8.35244	3.22809	0.343542	1
cg01760189	ACACA;ACACA;ACACA;ACACA;ACACA	0.00475228	0.373055	1.29793	1.29793	0.0160276	2.31785	2.31785	0.0143265	2.36575	2.36575	0.0238454	2.15754	2.15754	0.00651726	0.364889	-2.74056	0.0367759	1.99727	1.99727	0.302385	0.737368	-1.35617	0.00206758	3.44543	3.44543	0.170329	1.51653	1.51653	7.45315	9.59906	1.14482	1
cg19787076	ACACA;ACACA;ACACA;ACACA;ACACA	0.00628584	0.852588	0.950797	-1.05175	0.00237336	0.316811	-3.15646	0.474532	0.820973	-1.21807	0.242437	1.39351	1.39351	0.231136	0.711274	-1.40593	0.300948	0.747727	-1.33739	0.00433384	2.81278	2.81278	0.0336545	1.96007	1.96007	0.0143821	0.441147	-2.26682	6.84003	7.97015	1.03575	1
cg21096718	ACACA;ACACA;ACACA;ACACA;ACACA	0.00638707	0.307972	0.778012	-1.28533	0.00290165	0.377662	-2.64787	0.0625936	0.607468	-1.64618	0.138167	0.684048	-1.46189	0.0257979	0.53276	-1.87702	0.444015	0.830586	-1.20397	0.000544062	0.278469	-3.59106	0.0617609	1.64944	1.64944	0.694763	0.910458	-1.09835	6.80627	6.09933	0.796564	1
cg24052772	ACACA;ACACA;ACACA;ACACA;ACACA	0.012162	0.110606	0.598027	-1.67216	0.950312	1.0186	1.0186	0.98302	0.993727	-1.00631	0.0193626	0.433339	-2.30766	0.00387278	0.316472	-3.15984	0.000734044	0.219316	-4.55964	0.840081	1.06157	1.06157	0.151404	0.63472	-1.5755	0.161035	0.642302	-1.5569	5.54929	7.68565	1.23109	1
cg20778688	ACACA;ACACA;ACACA;ACACA;ACACA	0.0156104	0.57091	0.842848	-1.18645	0.522499	1.21348	1.21348	0.28474	1.39336	1.39336	0.13615	1.61508	1.61508	0.0220645	0.440619	-2.26953	0.217516	1.47299	1.47299	0.00632261	0.345944	-2.89064	0.00683189	2.84619	2.84619	0.627878	0.864317	-1.15698	5.11269	7.2163	1.25462	1
cg13358061	ACACA;ACACA;ACACA;ACACA;ACACA	0.0376093	0.00416021	0.410127	-2.43827	0.747578	0.927808	-1.07781	0.64015	0.896501	-1.11545	0.790613	0.940118	-1.0637	0.0487999	0.593249	-1.68563	0.670208	1.10451	1.10451	0.00766537	0.451463	-2.21502	0.888674	1.03303	1.03303	0.0544061	0.602618	-1.65943	3.76734	3.21279	0.758046	1
cg01156990	ACACA;ACACA;C17orf78	0.0447266	0.0211497	0.492084	-2.03217	0.258419	0.739601	-1.35208	0.653611	1.12249	1.12249	0.283159	1.3301	1.3301	0.0155916	0.468328	-2.13525	0.0122945	0.450407	-2.22022	0.251735	0.73617	-1.35838	0.130907	0.658868	-1.51776	0.0971916	0.627732	-1.59304	3.53358	3.66204	0.921205	1
cg06397845	ACACA;C17orf78;ACACA	0.00151814	0.00114752	1.54841	1.54841	0.00989187	0.742189	-1.34737	0.0405089	1.24162	1.24162	0.107991	1.17401	1.17401	0.000993384	0.639253	-1.56433	0.752776	0.971508	-1.02933	0.0580411	1.21651	1.21651	0.0163035	1.30823	1.30823	0.296	0.905626	-1.10421	10.4434	1.3841	0.117808	1
cg19725098	ACACA;C17orf78;ACACA	0.038769	0.110241	0.785404	-1.27323	0.330323	1.14958	1.14958	0.548538	1.0879	1.0879	0.0128718	0.651426	-1.53509	0.400565	0.887444	-1.12683	0.753067	1.04477	1.04477	0.147051	1.24104	1.24104	0.415035	1.12257	1.12257	0.00769606	0.621742	-1.60838	3.72569	1.13636	0.271115	1
cg18269801	ACACA;C17orf78;ACACA	0.0425309	0.637409	0.837221	-1.19443	0.635206	0.836233	-1.19584	0.747081	0.885954	-1.12873	0.260787	0.644734	-1.55103	0.000944252	0.15797	-6.33031	0.0468702	0.426797	-2.34304	0.674381	0.853734	-1.17132	0.717107	1.14588	1.14588	0.116812	0.52854	-1.892	3.6005	7.9861	1.9716	1
cg15515895	ACACA;TADA2A;ACACA;TADA2A;ACACA;TADA2A;ACACA	0.01156	0.15057	0.895602	-1.11657	0.0148474	1.23918	1.23918	0.00586923	1.29438	1.29438	0.493227	1.05106	1.05106	0.0693608	1.15648	1.15648	0.996312	1.00033	1.00033	0.00914881	0.789073	-1.26731	0.0937706	0.876448	-1.14097	0.782408	1.02001	1.02001	5.64135	0.45754	0.0720931	1
cg15839435	ACACA;TADA2A;ACACA;TADA2A;TADA2A	1.22E-05	0.00858894	0.688025	-1.45344	0.000115897	0.47058	-2.12504	0.0871532	0.810006	-1.23456	0.000439722	0.538272	-1.8578	0.0870832	1.23463	1.23463	0.0132569	0.710052	-1.40835	0.00440768	0.654401	-1.52812	0.0658905	1.25886	1.25886	2.26E-07	0.176007	-5.68158	38.549	7.59797	0.175199	1
cg18378490	ACACA;TADA2A;ACACA;TADA2A;TADA2A	0.00149186	0.553234	0.885794	-1.12893	0.0008108	0.360124	-2.77682	0.660665	0.914555	-1.09343	0.0607692	1.53327	1.53327	0.0087385	1.96485	1.96485	0.281391	1.25402	1.25402	0.000579492	2.93339	2.93339	0.0383083	1.62474	1.62474	0.0531499	0.641318	-1.55929	10.496	6.7955	0.575499	1
cg01929530	ACACA;TADA2A;ACACA;TADA2A;TADA2A	0.0256991	0.527512	1.08491	1.08491	0.0301956	1.38332	1.38332	0.00699533	1.55904	1.55904	0.0572566	0.760457	-1.315	0.175729	0.83252	-1.20117	0.052947	0.755765	-1.32316	0.64452	1.06093	1.06093	0.20752	1.18437	1.18437	0.332479	1.13574	1.13574	4.31557	1.10784	0.228184	1
cg06899192	ACACA;TADA2A;ACACA;TADA2A;TADA2A	0.0489573	0.0762265	2.1521	2.1521	0.125584	0.525165	-1.90416	0.0176871	0.325961	-3.06785	0.468834	0.751004	-1.33155	0.388572	0.709409	-1.40962	0.166803	0.564006	-1.77303	0.126534	1.9006	1.9006	0.433131	1.36449	1.36449	0.0362605	0.388317	-2.57522	3.41535	8.16523	2.12511	1
cg15106368	ACACB	2.92E-05	2.62E-07	0.00847282	-118.024	0.0505402	0.498661	-2.00537	0.0176978	0.406243	-2.46158	0.287674	1.41158	1.41158	0.781642	1.09064	1.09064	0.326604	0.728881	-1.37197	0.304853	0.717636	-1.39346	0.502452	1.2368	1.2368	0.144538	1.63132	1.63132	30.6709	47.3635	1.37266	1
cg13253199	ACACB	0.000816913	0.00010844	0.445887	-2.24272	0.000721697	1.83878	1.83878	0.588561	1.0668	1.0668	0.85641	1.02168	1.02168	0.0656147	0.782989	-1.27716	0.00212294	0.599691	-1.66753	0.918303	0.987926	-1.01222	0.0831656	0.796826	-1.25498	0.523102	0.926235	-1.07964	12.4585	2.76614	0.197359	1
cg14408938	ACACB	0.00105425	0.756719	1.03083	1.03083	0.0437971	0.797401	-1.25407	0.0407298	1.25961	1.25961	0.00425304	1.4532	1.4532	0.000181059	0.538515	-1.85696	0.651533	1.04542	1.04542	0.0303535	1.28234	1.28234	0.0374993	0.789921	-1.26595	0.00863006	0.72096	-1.38704	11.5914	1.75229	0.134374	1
cg02022322	ACACB	0.00134456	0.682784	0.893238	-1.11952	0.824431	0.940773	-1.06296	0.000303602	0.199273	-5.01823	0.415708	1.25682	1.25682	0.0011219	0.267642	-3.73634	0.803189	0.933686	-1.07102	0.000723197	0.24339	-4.10863	0.151853	0.655829	-1.52479	0.00125606	0.274094	-3.64839	10.8142	12.9313	1.06291	1
cg19253743	ACACB	0.00409653	0.000406325	2.06504	2.06504	0.00208763	0.571833	-1.74876	0.305942	1.14659	1.14659	0.463908	0.908278	-1.10098	0.336085	0.879852	-1.13655	0.390569	0.892675	-1.12023	0.0410265	1.35566	1.35566	0.908017	0.985195	-1.01503	0.56055	1.07891	1.07891	7.79622	2.05632	0.234453	1
cg10648455	ACACB	0.00435091	0.0672291	0.69992	-1.42873	0.347355	0.845081	-1.18332	0.000118681	0.309923	-3.22661	0.53713	0.896991	-1.11484	0.005483	0.529795	-1.88752	0.0301182	0.641692	-1.55838	0.00768913	0.551112	-1.81451	0.645773	0.922645	-1.08384	0.483839	0.883579	-1.13176	7.65551	3.669	0.426012	1
cg00806900	ACACB	0.0050692	0.0397277	0.613697	-1.62947	0.0962067	0.687232	-1.45511	0.000374412	0.310952	-3.21593	0.209588	0.762211	-1.31197	0.00154812	0.392702	-2.54646	0.0682204	0.657528	-1.52085	0.0124392	0.527991	-1.89397	0.00856976	0.5023	-1.99084	0.0267641	0.583437	-1.71398	7.30785	4.87969	0.59354	1
cg18645647	ACACB	0.0077715	0.621726	1.12314	1.12314	0.000977103	0.318188	-3.1428	0.00529565	0.423926	-2.3589	0.0771559	0.632015	-1.58224	0.426395	0.827265	-1.2088	0.26551	0.76267	-1.31118	0.0133957	2.04445	2.04445	0.861578	1.04159	1.04159	0.362212	0.803584	-1.24442	6.4022	5.52799	0.767513	1
cg12178147	ACACB	0.0144972	0.0214325	0.236153	-4.23455	0.0599923	0.330183	-3.02863	0.0631922	0.335802	-2.97794	0.0116467	0.192704	-5.18931	0.00127576	0.0859779	-11.6309	0.160578	0.457142	-2.18751	0.00878985	0.175078	-5.71174	0.257462	0.539476	-1.85365	0.0227595	0.240865	-4.15171	5.23935	22.6303	3.83938	1
cg13686847	ACACB	0.0207398	0.241509	0.658195	-1.51931	0.700289	1.14106	1.14106	0.182447	0.617098	-1.62049	0.933647	1.02882	1.02882	0.00277046	0.244675	-4.08705	0.00477733	0.278622	-3.58909	0.00717581	0.306001	-3.26796	0.43594	0.762496	-1.31148	0.38895	0.73992	-1.3515	4.64676	8.56553	1.63852	1
cg16188537	ACACB	0.0333128	0.32341	0.669594	-1.49344	0.830599	0.919201	-1.0879	0.00568732	0.240182	-4.16351	0.792651	1.10916	1.10916	0.00988451	0.277509	-3.60349	0.197909	1.70773	1.70773	0.203409	1.69545	1.69545	0.451888	1.35175	1.35175	0.121316	0.51656	-1.93588	3.93668	9.64194	2.17712	1
cg24284369	ACACB	0.0353553	0.000922432	0.0782034	-12.7872	0.0938633	0.387293	-2.58203	0.481127	0.691622	-1.44588	0.225304	0.519072	-1.92652	0.021523	0.241314	-4.14398	0.359789	0.615822	-1.62385	0.212953	0.508962	-1.96478	0.585984	0.75338	-1.32735	0.100111	0.395476	-2.5286	3.85301	16.1785	3.73239	1
cg15996769	ACACB	0.0489823	0.0230027	0.352358	-2.83803	0.248589	0.629604	-1.5883	0.0617118	2.24172	2.24172	0.656835	1.18712	1.18712	0.303017	1.50572	1.50572	0.371943	1.42142	1.42142	0.0428628	2.4451	2.4451	0.0996445	0.500443	-1.99823	0.162553	1.77168	1.77168	3.41469	7.95847	2.0717	1
cg23921871	ACACB	0.0497514	0.0249503	0.546206	-1.83081	0.157492	0.709916	-1.40862	0.0113511	0.487509	-2.05124	0.0626464	0.62198	-1.60777	0.519116	0.862311	-1.15967	0.897858	1.02954	1.02954	0.282867	1.28778	1.28778	0.0834293	0.647696	-1.54393	0.223631	1.33616	1.33616	3.39455	2.76204	0.72326	1
cg00391320	ACAD10;ACAD10	0.00259957	0.412808	1.15804	1.15804	0.5806	0.906837	-1.10273	0.125185	0.747634	-1.33755	0.0621438	1.44484	1.44484	0.0240589	0.624029	-1.60249	0.000211834	0.33791	-2.95937	0.00622671	0.535318	-1.86805	0.755649	1.05623	1.05623	0.00463957	0.516895	-1.93463	8.92872	4.34249	0.432311	1
cg26813561	ACAD10;ACAD10	0.0060891	0.253165	1.3124	1.3124	0.502849	1.16753	1.16753	0.625595	0.894031	-1.11853	0.0041624	0.416923	-2.39853	0.00178302	0.363138	-2.75378	0.0265376	1.82024	1.82024	0.0157744	1.96171	1.96171	0.685305	1.09724	1.09724	0.755055	1.07389	1.07389	6.90764	5.6767	0.730489	1
cg09427417	ACAD10;ACAD10	0.0138446	0.405116	0.769934	-1.29881	0.0241856	0.438254	-2.28178	0.0132064	0.389498	-2.56741	0.388239	1.31184	1.31184	0.00583257	0.330195	-3.02851	0.801568	1.08036	1.08036	0.946852	1.02067	1.02067	0.0111208	2.65646	2.65646	0.183049	0.648143	-1.54287	5.31936	7.93715	1.32633	1
cg21702516	ACAD10;ACAD10	0.046742	0.11079	0.811973	-1.23157	0.521733	0.925107	-1.08096	0.273909	0.872421	-1.14624	0.993064	0.998959	-1.00104	0.076102	1.26694	1.26694	0.203305	1.17466	1.17466	0.00589307	1.54022	1.54022	0.449461	0.911749	-1.09679	0.14184	0.827506	-1.20845	3.47561	0.791044	0.20231	1
cg25422937	ACAD10;ACAD10;ACAD10;ACAD10;BRAP	0.000459107	0.807108	0.932797	-1.07204	0.707525	1.11314	1.11314	0.249958	0.710408	-1.40764	9.72E-05	0.139376	-7.17483	0.0161212	0.432879	-2.31012	0.585335	1.16963	1.16963	3.58E-05	0.103658	-9.64711	0.705907	1.11384	1.11384	0.0905972	1.69936	1.69936	14.6324	18.743	1.1386	1
cg03159671	ACAD10;ACAD10;BRAP	0.000308679	0.805506	1.03158	1.03158	0.136635	1.22394	1.22394	0.105628	1.24953	1.24953	0.774973	1.03678	1.03678	0.220109	1.17642	1.17642	0.106586	1.24863	1.24863	4.65E-06	0.266187	-3.75676	0.0811246	0.783731	-1.27595	0.403161	1.11384	1.11384	16.3222	4.10523	0.223566	1
cg05934945	ACAD10;ACAD10;BRAP	0.00300704	0.486994	0.901311	-1.10949	0.786736	0.960888	-1.0407	0.0168502	1.53575	1.53575	0.00012344	0.373375	-2.67827	0.656838	1.068	1.068	0.0225724	1.49452	1.49452	0.151352	0.797565	-1.25382	0.217635	0.826283	-1.21024	0.592797	1.08266	1.08266	8.55219	2.93186	0.304728	1
cg14839656	ACAD10;ACAD10;BRAP	0.00456721	0.356446	0.750253	-1.33288	0.001073	0.231377	-4.32196	0.945863	0.979637	-1.02079	0.527028	1.2143	1.2143	0.80228	0.926807	-1.07897	0.000200419	0.15092	-6.62604	0.606003	0.85417	-1.17073	0.457983	1.25729	1.25729	0.897659	1.03975	1.03975	7.5437	10.9655	1.29209	1
cg25200151	ACAD10;ACAD10;BRAP	0.00518759	0.0086548	0.259944	-3.84698	0.0314971	0.362262	-2.76043	0.0055538	0.230719	-4.33427	0.793326	1.11148	1.11148	0.190133	0.572024	-1.74818	0.0185383	0.316817	-3.1564	0.000848809	0.132819	-7.52906	0.328556	0.666348	-1.50072	0.00171088	0.164896	-6.06444	7.25646	18.6232	2.28127	1
cg08577424	ACAD10;BRAP;ACAD10	0.028108	0.00874948	0.572964	-1.74531	0.213787	1.24395	1.24395	0.914291	0.982207	-1.01812	0.225026	1.23677	1.23677	0.185676	0.791345	-1.26367	0.261114	1.21584	1.21584	0.00490459	0.537062	-1.86198	0.331355	0.846087	-1.18191	0.184296	0.790692	-1.26471	4.18211	1.84192	0.391491	1
cg07645393	ACAD10;BRAP;BRAP;ACAD10	0.0180278	0.396576	0.906753	-1.10284	0.271725	1.1377	1.1377	0.148175	1.19113	1.19113	0.258375	1.14222	1.14222	0.390353	1.10434	1.10434	0.123181	0.828365	-1.2072	0.324587	1.12154	1.12154	0.0219964	1.36312	1.36312	0.00077534	1.7746	1.7746	4.87259	0.981124	0.178983	1
cg18718461	ACAD11	0.000223646	0.0224548	0.472556	-2.11615	3.13E-05	0.107948	-9.26375	0.0127336	0.428023	-2.33632	0.149856	0.654922	-1.5269	0.000104945	0.152763	-6.54609	0.00815401	0.395222	-2.53023	6.67E-05	0.13489	-7.41345	0.875765	1.04382	1.04382	0.00818498	0.395493	-2.52849	17.8222	21.2133	1.05802	1
ch.3.2627042R	ACAD11	0.00208886	0.000468782	0.254889	-3.92328	0.000907624	0.291244	-3.43354	0.0159218	0.480031	-2.0832	0.0186062	0.491999	-2.03253	0.00100086	0.296841	-3.36881	0.0462723	0.566884	-1.76403	0.00199079	0.337791	-2.96041	0.0345433	0.541846	-1.84554	0.276661	0.754808	-1.32484	9.52044	9.31882	0.870064	1
cg05279761	ACAD11	0.0251809	0.0213865	0.237431	-4.21175	0.275695	0.554506	-1.80341	0.00745484	0.16666	-6.00024	0.0307211	0.267191	-3.74263	0.0117649	0.194711	-5.13582	0.452576	0.671708	-1.48874	0.0175634	0.222533	-4.49372	0.471298	1.46384	1.46384	0.0559643	0.324366	-3.08294	4.34631	18.6146	3.80698	1
cg05296856	ACAD11	0.0331928	0.1218	0.771316	-1.29648	0.194338	0.808508	-1.23685	0.00141828	0.489218	-2.04408	0.317122	0.852058	-1.17363	0.0254301	0.662844	-1.50865	0.708475	0.94351	-1.05987	0.654864	1.07214	1.07214	0.350562	1.16038	1.16038	0.73503	1.054	1.054	3.94179	1.49627	0.337415	1
cg20203469	ACAD8	5.46E-05	0.000295682	0.303101	-3.29923	0.139119	0.72439	-1.38047	0.0312451	0.59936	-1.66845	0.293083	1.2472	1.2472	2.97E-06	0.104732	-9.54821	0.949835	1.01282	1.01282	3.29E-05	0.195306	-5.12018	0.563828	1.12545	1.12545	0.00158873	0.399294	-2.50442	26.0124	16.8998	0.577495	1
cg19037107	ACAD8	0.000300999	0.0146918	0.472549	-2.11618	0.00784084	0.42673	-2.3434	0.00164596	0.324749	-3.0793	0.0553416	1.71961	1.71961	0.00136309	0.313461	-3.19019	0.00432543	0.386001	-2.59067	4.27E-05	0.143536	-6.96691	0.0438971	0.561019	-1.78247	0.000178862	0.205161	-4.87422	16.4352	16.2139	0.876923	1
cg20307448	ACAD8	0.000457479	0.000101712	0.32332	-3.09291	0.143454	0.772711	-1.29414	0.0757271	0.72309	-1.38295	0.00040298	0.397419	-2.51624	0.0124714	0.600565	-1.6651	4.25E-05	0.278965	-3.58468	0.575631	0.911414	-1.0972	0.293176	0.836231	-1.19584	0.00960576	0.584084	-1.71208	14.6468	6.24012	0.378702	1
cg13253303	ACAD8	0.0106407	0.00639086	0.587873	-1.70105	0.030414	0.683248	-1.4636	0.120793	0.777332	-1.28645	0.0571897	0.724612	-1.38005	0.90765	1.01752	1.01752	0.0153365	0.640477	-1.56134	0.00813532	1.6606	1.6606	0.481263	1.11313	1.11313	0.561086	1.09197	1.09197	5.79411	2.05675	0.315531	1
cg09447658	ACAD9	0.000646052	0.925251	1.00822	1.00822	0.787021	1.02391	1.02391	0.00417808	0.715455	-1.39771	0.0212675	1.2732	1.2732	0.00218543	0.687338	-1.45489	0.000141825	0.564041	-1.77292	0.00223296	1.4529	1.4529	0.476128	1.06525	1.06525	0.198407	0.888182	-1.1259	13.3063	1.604	0.107151	1
cg17878213	ACAD9	0.00427941	0.0896492	0.681614	-1.46711	0.519814	0.874895	-1.14299	0.873126	0.967794	-1.03328	0.000389838	0.314026	-3.18445	0.268973	0.789913	-1.26596	0.00036617	0.310595	-3.21963	0.404283	1.19102	1.19102	0.890308	0.972129	-1.02867	0.181504	0.74785	-1.33717	7.694	5.11325	0.590735	1
cg21825757	ACAD9	0.0261322	0.0374655	1.43515	1.43515	0.00402821	0.560975	-1.78261	0.112863	0.772419	-1.29463	0.221292	0.824992	-1.21213	0.0357541	1.44141	1.44141	0.380552	1.14407	1.14407	0.585614	1.08587	1.08587	0.897209	0.980846	-1.01953	0.683906	1.06317	1.06317	4.29046	1.52144	0.31521	1
cg26779346	ACAD9	0.0324749	0.0419977	0.746829	-1.33899	0.851731	0.976961	-1.02358	0.728808	0.957568	-1.04431	0.00156626	0.567798	-1.76119	0.169385	0.833296	-1.20005	0.101406	0.799775	-1.25035	0.0737742	0.780136	-1.28183	0.127564	0.814442	-1.22783	0.249245	1.16185	1.16185	3.97286	0.976432	0.218467	1
cg04059835	ACAD9	0.0379393	0.247944	0.853209	-1.17205	0.107576	1.25963	1.25963	0.644996	0.940848	-1.06287	0.00456707	0.608739	-1.64274	0.159972	0.820924	-1.21814	0.230666	1.17971	1.17971	0.609832	0.934593	-1.06998	0.807955	0.968501	-1.03252	0.0392415	1.36825	1.36825	3.75533	1.02739	0.243183	1
cg20083871	ACAD9	0.0449501	0.399659	1.11835	1.11835	0.026753	1.4056	1.4056	0.0852907	1.27992	1.27992	0.252616	1.16769	1.16769	0.796189	0.966979	-1.03415	0.26108	0.858942	-1.16422	0.0149721	0.678359	-1.47415	0.503063	1.09217	1.09217	0.055638	1.32492	1.32492	3.52699	0.940129	0.236936	1
cg14957639	ACAD9	0.0480366	?	?	?	0.942018	1.03074	1.03074	0.528504	1.30512	1.30512	0.995778	1.0022	1.0022	0.00245186	0.156947	-6.37157	0.198051	1.7701	1.7701	0.59659	0.800406	-1.24937	0.589679	1.25474	1.25474	?	?	?	3.85081	8.04363	2.08882	1
cg25356066	ACAD9;ACAD9	0.0255926	?	?	?	0.480435	0.531202	-1.88252	0.0268467	0.0934877	-10.6966	?	?	?	?	?	?	?	?	?	0.0199334	12.7702	12.7702	0.086973	5.41336	5.41336	0.144092	4.03907	4.03907	5.23661	34.9125	9.33382	1
cg21933859	ACADL	2.89E-05	4.30E-06	0.354094	-2.82411	0.000132099	0.522679	-1.91322	0.062488	0.814548	-1.22768	0.0876312	0.831548	-1.20258	2.53E-06	0.328402	-3.04505	0.00925059	0.723847	-1.38151	0.00329285	0.675867	-1.47958	0.0144639	0.744653	-1.34291	0.000220287	0.547556	-1.8263	30.7699	4.66486	0.13476	1
cg00289546	ACADL	0.000292808	0.998716	0.99983	-1.00017	0.0915312	0.822046	-1.21648	0.000441651	1.7953	1.7953	0.29798	0.892452	-1.12051	0.87217	1.01713	1.01713	0.113941	1.19885	1.19885	1.24E-05	0.378479	-2.64215	0.977726	0.99706	-1.00295	0.0410956	0.779921	-1.28218	16.5597	2.91711	0.156584	1
cg14795968	ACADL	0.00156853	0.102451	0.869653	-1.14988	0.567432	0.955833	-1.04621	0.00734087	0.763316	-1.31007	0.0103115	0.77678	-1.28737	0.318664	1.08388	1.08388	0.00429328	0.741947	-1.34781	0.00017529	0.60808	-1.64452	0.297537	0.919064	-1.08806	0.01166	1.27936	1.27936	10.3456	1.00075	0.085984	1
cg19427188	ACADL	0.0020089	4.54E-05	0.0878016	-11.3893	0.398643	1.31331	1.31331	0.0503802	2.0207	2.0207	0.971023	1.01152	1.01152	0.216225	0.663354	-1.50749	0.802898	0.924153	-1.08207	0.0113391	0.367908	-2.71807	0.0894315	0.55398	-1.80512	0.731752	0.897155	-1.11463	9.62944	15.1707	1.4004	1
cg09308336	ACADL	0.00244069	0.000543164	0.56375	-1.77383	0.784897	0.971253	-1.0296	0.83688	0.978261	-1.02222	0.165944	1.17059	1.17059	0.451939	0.921546	-1.08513	0.745034	0.96581	-1.0354	0.00321067	0.651295	-1.5354	0.000356985	0.542872	-1.84205	0.593249	1.05916	1.05916	9.09606	1.63745	0.160015	1
cg06062084	ACADL	0.00304354	0.837985	0.942398	-1.06112	0.0118876	0.402592	-2.4839	0.239382	0.699758	-1.42906	0.242436	0.701527	-1.42546	0.38661	0.773233	-1.29327	0.926902	1.02695	1.02695	3.74E-05	0.100664	-9.93406	0.0545141	0.531469	-1.88158	0.360169	0.761393	-1.31338	8.5216	11.3328	1.18212	1
cg07308161	ACADL	0.0216054	0.102811	0.477278	-2.09521	0.0698988	0.431747	-2.31617	0.263754	0.617068	-1.62057	0.680936	0.842536	-1.18689	0.0113398	0.26879	-3.72037	0.0164496	0.296776	-3.36954	0.00581327	0.223808	-4.46812	0.00397459	0.20092	-4.9771	0.0894638	0.460264	-2.17267	4.58228	12.4634	2.41771	1
cg01812328	ACADL	0.0261452	0.0736683	0.560907	-1.78283	0.00886101	0.380602	-2.62742	0.267828	0.715554	-1.39752	0.623842	0.866472	-1.15411	0.00634772	0.356911	-2.80182	0.108764	0.602171	-1.66066	0.00438427	0.331789	-3.01396	0.417492	0.786426	-1.27158	0.0361444	0.49334	-2.027	4.28972	5.71245	1.1837	1
cg05258079	ACADM;ACADM	0.000540708	0.0469184	0.520551	-1.92104	0.000758167	0.231021	-4.3286	0.0332551	0.48954	-2.04273	0.214128	0.686998	-1.45561	0.000941749	0.242693	-4.12044	0.00111367	0.251951	-3.96903	3.64E-05	0.101993	-9.80459	0.031543	0.484932	-2.06214	0.00112832	0.252681	-3.95756	13.9832	18.2456	1.15984	1
cg21537122	ACADM;ACADM	0.000796959	0.038011	0.466351	-2.14431	0.000219368	0.141782	-7.05307	0.0556657	0.502745	-1.98908	0.315077	1.3902	1.3902	0.00106052	0.215436	-4.64176	0.00230877	0.259174	-3.85841	0.000211561	0.140312	-7.12695	0.931166	0.972974	-1.02778	0.00985766	0.355461	-2.81325	12.5455	19.9832	1.41587	1
cg05928218	ACADM;ACADM	0.00257895	0.136884	0.592184	-1.68866	0.00243277	0.251629	-3.97411	0.0339868	0.445186	-2.24625	0.58636	0.835565	-1.19679	0.0025237	0.253813	-3.93992	0.00296179	0.263485	-3.79528	0.000356259	0.153491	-6.51505	0.603014	0.842348	-1.18716	0.00374321	0.278067	-3.59625	8.94971	15.1543	1.50513	1
cg20003976	ACADM;ACADM	0.00715431	0.487959	1.17022	1.17022	0.0088672	0.475644	-2.10241	0.0598641	0.62272	-1.60586	0.763341	1.06969	1.06969	0.0259867	0.55459	-1.80314	0.018563	0.528979	-1.89043	0.000359526	0.278903	-3.58548	0.394822	0.823312	-1.21461	0.0601354	0.62311	-1.60485	6.57026	5.17867	0.70062	1
cg22875332	ACADM;ACADM	0.0462596	0.276127	1.6702	1.6702	0.625236	0.800201	-1.24969	0.204112	1.83461	1.83461	0.0369195	0.333764	-2.99613	0.0717742	0.402434	-2.48488	0.298861	0.614128	-1.62833	0.00948148	0.225753	-4.42962	0.0378016	0.33599	-2.97628	0.213791	0.552826	-1.80889	3.4892	11.3296	2.88625	1
cg10979612	ACADM;ACADM	0.0481111	0.334032	0.509082	-1.96432	0.339021	1.94991	1.94991	0.175832	0.377068	-2.65204	0.141151	0.342193	-2.92233	0.706293	0.773732	-1.29244	0.271412	2.1724	2.1724	0.0326315	0.183735	-5.44263	0.462528	1.65992	1.65992	0.00413027	0.0738237	-13.5458	3.43796	25.0011	6.46405	1
cg10523679	ACADM;ACADM	0.0491562	0.380173	0.507561	-1.97021	0.374377	0.503152	-1.98747	0.368489	0.498662	-2.00537	0.0321452	0.150983	-6.62326	0.167415	0.330028	-3.03005	0.386527	0.512382	-1.95167	0.00235162	0.0408706	-24.4675	0.0206047	0.122378	-8.1714	0.0859948	0.239496	-4.17543	3.4101	30.6486	7.98898	1
cg13901901	ACADM;ACADM;ACADM;ACADM	0.0370795	0.838252	1.04885	1.04885	0.243588	0.752227	-1.32939	0.0316503	1.80023	1.80023	0.904152	0.97228	-1.02851	0.0168502	1.97482	1.97482	0.0139537	2.03115	2.03115	0.145191	0.69416	-1.44059	0.753365	0.929085	-1.07633	0.224925	0.742714	-1.34641	3.7869	3.26605	0.766632	1
cg13914990	ACADS	0.000656519	0.725466	0.915143	-1.09273	0.628351	0.884547	-1.13052	0.000976818	0.291256	-3.43341	0.286874	0.757185	-1.32068	2.13E-05	0.11614	-8.6103	0.902057	1.03145	1.03145	0.00127319	0.30663	-3.26126	0.364853	1.26388	1.26388	0.564544	0.86374	-1.15776	13.2466	13.2716	0.890562	1
cg19719987	ACADS	0.00205245	0.00298902	0.544917	-1.83514	0.329828	0.860783	-1.16173	0.000203598	0.395195	-2.5304	0.0723078	1.3485	1.3485	0.000945997	0.47956	-2.08524	0.167257	0.802942	-1.24542	0.239292	0.832178	-1.20167	0.897861	0.981037	-1.01933	0.04657	0.711933	-1.40463	9.56941	3.36817	0.312864	1
cg06196801	ACADS	0.00325393	0.179403	0.684396	-1.46114	0.000228463	5.09474	5.09474	0.84808	1.05232	1.05232	0.0252053	2.02951	2.02951	0.0659027	0.577703	-1.73099	0.984579	0.994874	-1.00515	0.676913	1.11787	1.11787	0.00648497	0.390243	-2.5625	0.681178	0.895965	-1.11611	8.35374	9.35527	0.995457	1
cg02340826	ACADS	0.00352358	0.177251	0.755713	-1.32325	0.655497	1.09167	1.09167	0.325452	0.820114	-1.21934	0.16386	0.748135	-1.33666	0.000318058	0.320246	-3.12259	0.0221827	0.585344	-1.7084	0.000514173	0.346848	-2.88311	0.290256	0.807047	-1.23909	0.00873323	0.520722	-1.92041	8.15739	4.9285	0.537045	1
cg22772213	ACADS	0.0116107	0.00715234	0.6286	-1.59084	0.00713773	0.628486	-1.59113	0.24613	0.850329	-1.17602	0.179452	0.826463	-1.20998	0.228331	0.844501	-1.18413	0.263194	1.16873	1.16873	0.00795069	1.57596	1.57596	0.953159	0.992179	-1.00788	0.180117	1.20958	1.20958	5.63338	1.59413	0.251537	1
cg05478314	ACADS	0.0119877	0.0231897	0.501243	-1.99504	0.0278384	0.516071	-1.93772	0.0107755	0.442548	-2.25964	0.569115	1.1577	1.1577	0.00864263	0.426588	-2.34418	0.922098	0.975416	-1.0252	0.00134674	0.305698	-3.2712	0.931307	0.978299	-1.02218	0.536076	0.852613	-1.17286	5.57535	5.71812	0.911651	1
cg20406728	ACADS	0.0165186	0.00697401	0.516112	-1.93756	0.00180148	0.431134	-2.31947	0.0297106	0.615728	-1.62409	0.538726	1.1252	1.1252	0.022741	0.596486	-1.67649	0.120156	0.726507	-1.37645	0.59779	1.10617	1.10617	0.903877	0.977363	-1.02316	0.618612	0.90927	-1.09978	5.0174	2.85417	0.505648	1
cg23907586	ACADS	0.0188386	0.0121082	0.637238	-1.56927	0.147408	0.799354	-1.25101	0.0433305	0.715484	-1.39765	0.133252	0.79189	-1.2628	0.0123992	0.638648	-1.56581	0.384655	0.879494	-1.13702	0.00188569	0.530105	-1.88642	0.0131127	0.641975	-1.55769	0.768342	0.958342	-1.04347	4.80088	1.57803	0.292175	1
cg06793505	ACADS	0.0220542	0.010638	0.38892	-2.57122	0.984996	0.994486	-1.00554	0.0221086	0.446258	-2.24085	0.710928	1.11567	1.11567	0.0112033	0.392787	-2.54591	0.891788	0.960769	-1.04083	0.249892	0.702184	-1.42413	0.00724363	0.361048	-2.76972	0.019084	0.434235	-2.3029	4.5501	6.23018	1.2171	1
cg12067928	ACADS	0.0291949	0.00869216	0.695785	-1.43722	0.257572	0.879722	-1.13672	0.0155961	0.724964	-1.37938	0.0247555	0.748315	-1.33634	0.0205353	0.738828	-1.35349	0.984403	1.00212	1.00212	0.298076	1.12411	1.12411	0.0453776	0.779612	-1.28269	0.156121	0.84826	-1.17888	4.12644	0.768862	0.165623	1
cg01377644	ACADVL;ACADVL	0.0113876	0.0625686	0.536847	-1.86273	0.00425473	0.321281	-3.11254	0.348963	1.33134	1.33134	0.00245899	0.286442	-3.49111	0.809807	0.930935	-1.07419	0.00649534	0.349935	-2.85767	0.298323	0.726162	-1.3771	0.0564134	0.526687	-1.89866	0.0295609	0.467464	-2.1392	5.66883	7.90956	1.24024	1
cg21636577	ACADVL;DLG4;DLG4;ACADVL	0.0172958	0.00238705	0.405794	-2.46431	0.0264632	0.570895	-1.75164	0.653622	1.10101	1.10101	0.34039	0.811138	-1.23284	0.00503452	0.453685	-2.20417	0.31452	0.801251	-1.24805	0.210296	0.754848	-1.32477	0.0080437	0.485143	-2.06125	0.176135	0.736095	-1.35852	4.94087	3.55148	0.638931	1
cg08505076	ACADVL;DLG4;DLG4;ACADVL	0.0258849	0.641681	1.07907	1.07907	0.0392998	0.678946	-1.47287	0.117886	1.31749	1.31749	0.260126	0.826352	-1.21014	0.233299	0.816339	-1.22498	0.257207	0.8253	-1.21168	0.857698	1.02957	1.02957	0.00304976	1.93283	1.93283	?	?	?	4.37935	1.62559	0.371195	1
cg24825722	ACADVL;DLG4;DLG4;ACADVL	0.0446752	0.04225	0.597874	-1.67259	0.521273	0.866816	-1.15365	0.753919	1.07158	1.07158	0.352309	0.810236	-1.23421	0.0047558	0.438588	-2.28004	0.0329163	0.577808	-1.73068	0.0351605	0.583049	-1.71512	0.0278544	0.564717	-1.7708	0.292636	0.786605	-1.27129	3.53509	2.70618	0.68046	1
cg14634563	ACADVL;MIR324;ACADVL	0.00996985	0.781692	0.967546	-1.03354	0.0385571	1.32925	1.32925	0.0122011	1.44903	1.44903	0.304812	1.13452	1.13452	0.416446	1.10366	1.10366	0.289501	1.13948	1.13948	0.000223439	2.07422	2.07422	0.0733812	1.26758	1.26758	0.124179	1.21863	1.21863	5.91633	1.32165	0.19857	1
cg10092499	ACADVL;MIR324;ACADVL	0.0154666	0.106154	2.02132	2.02132	0.148514	1.85529	1.85529	0.00208976	5.6235	5.6235	0.251702	1.61215	1.61215	0.0420205	0.392807	-2.54578	0.928472	0.964826	-1.03646	0.0244428	0.343271	-2.91315	0.18019	1.76402	1.76402	0.900131	0.951161	-1.05135	5.12842	12.9188	2.23917	1
cg12579196	ACADVL;MIR324;ACADVL	0.0164528	0.549628	0.887828	-1.12634	0.00384386	2.15041	2.15041	0.161873	1.34118	1.34118	0.217087	0.774736	-1.29076	0.00273334	2.25444	2.25444	0.0187516	1.75023	1.75023	0.94859	1.01275	1.01275	0.313937	1.22713	1.22713	0.222517	1.28652	1.28652	5.02408	3.07338	0.54376	1
cg21211413	ACAN;ACAN	0.000221934	0.501987	1.11893	1.11893	0.00138142	2.1487	2.1487	0.449174	0.880573	-1.13562	0.00922755	1.72461	1.72461	0.00110063	0.452248	-2.21118	0.0151064	1.6362	1.6362	6.08E-05	3.39082	3.39082	0.000377429	2.55242	2.55242	0.285018	0.832657	-1.20097	17.8595	7.69249	0.382865	1
cg27621340	ACAN;ACAN	0.000432412	0.133519	0.890859	-1.12251	0.0205754	0.819391	-1.22042	0.474996	0.949445	-1.05325	0.393055	0.939433	-1.06447	0.00827238	1.27269	1.27269	0.0062092	0.775086	-1.29018	0.0389163	0.843057	-1.18616	0.00746319	1.2789	1.2789	4.35E-05	1.74009	1.74009	14.8768	1.2015	0.0717893	1
cg08631783	ACAN;ACAN	0.00668091	0.035432	0.579279	-1.72628	0.00245238	2.55858	2.55858	0.332446	1.24969	1.24969	0.551287	0.874253	-1.14383	0.0290566	0.563524	-1.77455	0.19125	0.73457	-1.36134	0.271687	1.29057	1.29057	0.0558803	0.617009	-1.62072	0.00501098	0.437023	-2.28821	6.71191	5.283	0.699652	1
cg14914908	ACAN;ACAN	0.00913519	0.367266	1.33606	1.33606	0.943891	0.978222	-1.02226	0.0178431	0.406241	-2.46159	0.00287067	0.277214	-3.60732	0.00678925	0.333748	-2.99627	0.72499	1.11683	1.11683	0.071381	1.87746	1.87746	0.0152364	0.393658	-2.54028	0.627982	1.16503	1.16503	6.08351	9.42841	1.37763	1
cg07884251	ACAN;ACAN	0.0107037	0.587657	1.12153	1.12153	0.0269135	1.73153	1.73153	0.14921	1.38266	1.38266	0.152464	1.37861	1.37861	0.011235	1.94531	1.94531	0.0351865	1.6719	1.6719	0.547849	1.13587	1.13587	0.960331	1.01047	1.01047	0.00191807	0.398397	-2.51006	5.78312	4.01963	0.617834	1
cg18230771	ACAN;ACAN	0.0240646	0.290538	0.680438	-1.46964	0.58408	0.823618	-1.21416	0.517716	0.794375	-1.25885	0.152547	0.584001	-1.71232	0.3626	0.720038	-1.38881	0.744665	0.891626	-1.12155	0.956896	0.981207	-1.01915	0.000606058	6.39421	6.39421	0.533283	0.801329	-1.24793	4.41529	8.61562	1.7345	1
cg03648457	ACAN;ACAN	0.0332699	0.139263	0.489478	-2.04299	0.121561	0.470686	-2.12456	0.276949	0.601899	-1.66141	0.910455	0.950745	-1.05181	0.000826969	0.104267	-9.59075	0.194713	0.540178	-1.85124	0.13289	0.482898	-2.07083	0.381646	1.49608	1.49608	0.894528	1.06136	1.06136	3.93851	12.5731	2.83764	1
cg03184141	ACAN;ACAN;ACAN;ACAN	0.0190301	0.367468	0.809149	-1.23587	0.175808	0.719443	-1.38996	0.303728	0.783746	-1.27592	0.949955	1.01446	1.01446	0.449408	0.838348	-1.19282	0.411315	1.21188	1.21188	0.987782	1.00351	1.00351	0.000417129	3.59771	3.59771	0.756442	1.07376	1.07376	4.7845	3.96517	0.73667	1
cg20510724	ACAN;ACAN;ACAN;ACAN	0.0213244	0.460846	1.07201	1.07201	0.538641	1.05935	1.05935	0.337524	1.0959	1.0959	0.729662	1.03265	1.03265	0.424955	0.927316	-1.07838	0.12941	0.859209	-1.16386	0.0178895	0.766024	-1.30544	0.00353716	1.44222	1.44222	0.0296687	1.26752	1.26752	4.60286	0.625279	0.120752	1
cg11807006	ACAP1	2.23E-06	0.000155239	0.541196	-1.84776	0.00217207	0.665171	-1.50337	0.000103199	0.521478	-1.91763	4.54E-05	0.481469	-2.07698	0.00290026	0.678416	-1.47402	9.39E-05	0.516882	-1.93468	1.02E-07	0.194908	-5.13064	5.50E-07	0.268202	-3.72853	0.00225223	0.666834	-1.49962	59.7336	8.49713	0.126445	1
cg14050954	ACAP1	0.00640418	0.0605249	0.479911	-2.08372	0.101977	0.537447	-1.86065	0.00396188	0.260766	-3.83486	0.0335755	0.422664	-2.36594	0.00516538	0.277797	-3.59975	0.0355687	0.427962	-2.33666	0.00092568	0.179796	-5.56187	0.004641	0.270834	-3.6923	0.0193655	0.374969	-2.66689	6.80062	12.9606	1.69404	1
cg13295242	ACAP1	0.00835703	0.016798	0.421672	-2.37151	0.132821	0.618829	-1.61596	0.00449316	0.32597	-3.06776	0.00807341	0.366398	-2.72927	0.353519	1.32644	1.32644	0.029176	0.467386	-2.13956	0.00152868	0.259256	-3.85719	0.0307658	0.471991	-2.11869	0.090884	0.576268	-1.73531	6.25745	8.67911	1.23289	1
cg19175364	ACAP1	0.00945459	0.0733571	0.549295	-1.82051	0.790583	0.923244	-1.08314	0.961619	1.01454	1.01454	0.0381799	0.486301	-2.05634	0.00521166	0.330835	-3.02265	0.0115473	0.387604	-2.57995	0.0041089	0.315024	-3.17436	0.00368457	0.307942	-3.24737	0.0113149	0.386074	-2.59018	6.01737	8.58069	1.26754	1
cg13925686	ACAP1	0.0229461	0.199037	0.72308	-1.38297	0.760078	0.929433	-1.07592	0.203542	0.725674	-1.37803	0.0214834	0.516876	-1.9347	0.0251678	0.529313	-1.88924	0.160375	0.698852	-1.43092	0.025561	0.530544	-1.88486	0.00160708	0.339277	-2.94744	0.0191542	0.508002	-1.9685	4.48849	4.05797	0.80363	1
cg00275449	ACAP2	0.00030304	0.000584782	0.214618	-4.65944	0.170304	1.52626	1.52626	0.00482445	0.338726	-2.95224	0.45205	0.801058	-1.24835	0.000129688	0.145871	-6.85535	0.0139461	0.415086	-2.40914	0.000934676	0.239309	-4.1787	0.000168879	0.156779	-6.37841	0.000613132	0.217038	-4.60748	16.4048	21.7796	1.18012	1
cg26111327	ACAP2	0.000660554	0.0217573	0.380096	-2.63091	0.00413244	0.259072	-3.85993	0.00779318	0.301246	-3.31954	0.287018	1.47445	1.47445	0.000123755	0.0952777	-10.4956	0.0848624	0.512084	-1.9528	0.000182718	0.108382	-9.2266	0.0107117	0.324171	-3.08479	0.00114163	0.186358	-5.36602	13.2239	25.8351	1.73659	1
cg08138807	ACAP2	0.000720991	0.297449	0.798803	-1.25187	0.221044	1.30675	1.30675	0.28433	0.793497	-1.26024	0.606237	0.897507	-1.1142	0.000110049	0.242752	-4.11942	0.210816	0.760177	-1.31548	4.06E-05	0.196123	-5.09885	0.628642	1.10667	1.10667	0.0712532	0.657691	-1.52047	12.9036	8.83914	0.6089	1
cg00642303	ACAP2	0.00115283	0.0956372	0.913526	-1.09466	0.147395	0.926063	-1.07984	0.0291513	1.13544	1.13544	0.00125261	0.792279	-1.26218	0.043458	1.12158	1.12158	0.818613	1.01141	1.01141	0.0380488	1.12617	1.12617	0.000577664	1.30098	1.30098	0.00326115	1.21918	1.21918	11.3003	0.436934	0.0343695	1
cg15558675	ACAP2	0.00357929	0.0583058	1.21168	1.21168	0.00249039	1.45815	1.45815	0.0225971	1.27764	1.27764	0.811328	1.02169	1.02169	0.450748	0.933366	-1.07139	0.000459222	0.609589	-1.64045	0.286482	0.905446	-1.10443	0.978649	1.0024	1.0024	0.831461	1.01931	1.01931	8.11916	1.03551	0.113369	1
cg16824377	ACAP2	0.00512425	0.538949	0.941766	-1.06183	0.0411469	1.25514	1.25514	0.00534118	1.42467	1.42467	0.0541394	1.23468	1.23468	0.00316378	1.47539	1.47539	0.545934	0.942759	-1.06072	0.135496	1.16787	1.16787	0.0392335	1.25873	1.25873	0.000505712	1.68915	1.68915	7.28377	1.07315	0.130964	1
cg05141059	ACAP2	0.00619759	0.00325618	0.311662	-3.20861	0.955493	0.983913	-1.01635	0.0327239	0.483816	-2.0669	0.0731846	0.559549	-1.78715	0.000649552	0.218799	-4.57039	0.296298	0.730022	-1.36982	0.0145359	0.416964	-2.39829	0.00540979	0.345131	-2.89745	0.0196727	0.440958	-2.26779	6.87003	9.18754	1.18874	1
cg25959527	ACAP2	0.00813333	0.0169502	1.7106	1.7106	0.00346329	2.07838	2.07838	0.764919	1.05684	1.05684	0.478822	0.875708	-1.14193	0.0119081	0.560693	-1.78351	0.175258	1.30438	1.30438	0.0244168	0.609972	-1.63942	0.619225	1.09675	1.09675	0.0478806	1.51736	1.51736	6.31122	3.39662	0.478388	1
cg08931456	ACAP2	0.0149064	0.000950809	0.155529	-6.42965	0.652194	1.18698	1.18698	0.964387	1.01701	1.01701	0.492229	1.3015	1.3015	0.00315507	0.217802	-4.59133	0.471196	0.75812	-1.31905	0.312732	1.48365	1.48365	0.905584	0.956344	-1.04565	0.629213	0.832094	-1.20179	5.19143	11.7358	2.00943	1
cg14529643	ACAP3	0.00176443	0.00769353	0.433782	-2.30531	0.320347	0.778474	-1.28456	0.162707	0.695275	-1.43828	0.00387726	0.387266	-2.58221	7.52E-05	0.173371	-5.76796	0.0103317	0.459536	-2.17611	0.00390242	0.967491	-1.03361	0.0276422	1.2549	1.2549	0.446898	0.827733	-1.20812	9.99948	9.41928	0.837313	1
cg03001234	ACAP3	0.00389327	0.0463468	0.749541	-1.33415	0.892188	1.01728	1.01728	0.0229043	0.709043	-1.41035	0.327321	0.880085	-1.13625	0.0531993	0.757692	-1.3198	0.229973	1.17246	1.17246	0.000235379	2.15999	2.15999	0.109004	1.24706	1.24706	0.948036	0.9918	-1.00827	7.91672	2.00085	0.224656	1
cg27543922	ACAP3	0.00768162	0.212054	1.41576	1.41576	0.00145975	3.37243	3.37243	0.000930062	3.69616	3.69616	0.115259	1.57285	1.57285	0.365768	1.2786	1.2786	0.17231	1.46844	1.46844	0.00472632	2.69829	2.69829	0.0206196	2.09047	2.09047	0.045302	1.83552	1.83552	6.42562	7.11849	0.984736	1
cg02953397	ACAP3	0.00954019	0.00605817	6.72259	6.72259	0.00630913	6.62571	6.62571	0.03832	3.58227	3.58227	0.11326	2.49979	2.49979	0.0318921	3.80671	3.80671	0.0175237	4.65013	4.65013	0.0048925	7.26136	7.26136	0.00675907	6.46505	6.46505	0.00687148	6.42726	6.42726	6.00011	26.8544	3.97836	1
cg21265287	ACAP3	0.0210642	0.0173944	3.9744	3.9744	0.0213227	3.73768	3.73768	0.00813038	5.02526	5.02526	0.0671733	2.65801	2.65801	0.163617	0.492435	-2.03073	0.0706073	2.61896	2.61896	0.0131409	4.3289	4.3289	0.199278	1.90841	1.90841	0.0730623	2.58681	2.58681	4.62221	16.622	3.19655	1
cg25106100	ACAP3	0.0242457	0.977415	1.00419	1.00419	0.0736247	1.34301	1.34301	0.0043828	1.75531	1.75531	0.254362	1.19243	1.19243	0.081484	0.75161	-1.33048	0.294736	1.17432	1.17432	0.0051544	1.72671	1.72671	0.114774	1.28872	1.28872	0.622369	1.07617	1.07617	4.40383	1.52507	0.307827	1
cg06818047	ACAP3	0.0354041	0.123237	2.60773	2.60773	0.0255204	4.58811	4.58811	0.0697922	3.20267	3.20267	0.326005	1.78986	1.78986	0.0784149	3.07175	3.07175	0.162913	2.35138	2.35138	0.00609279	7.80995	7.80995	0.0113317	6.17283	6.17283	0.0153822	5.51384	5.51384	3.85109	20.0982	4.63896	1
cg25203980	ACAP3	0.046093	0.038772	3.21214	3.21214	0.182937	1.99198	1.99198	0.13981	2.17002	2.17002	0.128222	2.22967	2.22967	0.408736	1.50988	1.50988	0.0392761	3.19959	3.19959	0.0260947	3.62328	3.62328	0.0174278	4.10218	4.10218	0.00620441	5.69787	5.69787	3.49394	13.1586	3.34766	1
cg01937247	ACAP3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23862208	ACAP3;PUSL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14994506	ACAT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21181217	ACAT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05903298	ACAT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05504194	ACAT2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06314646	ACAT2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25844216	ACBD3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19243883	ACBD3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15084160	ACBD3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19899237	ACBD3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18385299	ACBD3	0.00949243	0.00263184	0.201105	-4.97252	0.0737403	0.463958	-2.15537	0.0887696	0.485178	-2.0611	0.147055	0.549093	-1.82118	0.0323692	0.380908	-2.62531
cg02583796	ACBD3	0.0158262	0.0510526	0.447453	-2.23487	0.123365	1.82947	1.82947	0.822175	1.08488	1.08488	0.045814	0.436699	-2.28991	0.00288289	0.226921	-4.40682
cg27395066	ACBD4;ACBD4;ACBD4;ACBD4	0.00031375	0.000141749	0.113665	-8.79777	0.0359897	2.24359	2.24359	0.000466574	0.161576	-6.18902	0.0174478	0.383412	-2.60816	0.000369738	0.151353	-6.60706
cg24839693	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4 ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;A	0.0240184	0.00330921	1.34488	1.34488	0.151999	1.12037	1.12037	0.223931	1.09925	1.09925	0.365484	0.933451	-1.07129	0.57869	0.959306	-1.04242
cg14010578	CBD4;ACBD4;ACBD4;ACBD4 ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;A	0.0451646	0.0240857	0.474614	-2.10698	0.611323	0.867647	-1.15254	0.0677849	1.76254	1.76254	0.553618	1.18056	1.18056	0.11583	0.622824	-1.60559
cg18011274	CBD4;ACBD4;ACBD4;ACBD4	0.0459028	0.00829761	0.361696	-2.76476	0.804224	1.07772	1.07772	0.0989901	1.72471	1.72471	0.200111	1.5036	1.5036	0.200411	0.66527	-1.50315
cg18039474	ACBD4;PLCD3	0.0418497	0.0875528	0.814428	-1.22786	0.102669	1.21453	1.21453	0.0191175	1.3616	1.3616	0.766143	0.968058	-1.033	0.82046	1.02505	1.02505
cg26476574	ACBD5;ACBD5;ACBD5	0.00016741	0.000158692	0.119007	-8.40287	0.0967021	0.548239	-1.82402	0.000978613	0.198669	-5.03351	0.034635	0.44401	-2.2522	0.00113667	0.206422	-4.84445
cg00507135	ACBD5;ACBD5;ACBD5	0.00314127	0.00450806	0.199491	-5.01276	0.0557409	0.397326	-2.51683	0.0180181	0.294177	-3.39932	0.674807	0.835534	-1.19684	0.00130836	0.13635	-7.33405
cg08715142	ACBD5;ACBD5;ACBD5	0.00412723	0.319279	0.821793	-1.21685	0.148919	1.34336	1.34336	0.295724	1.2297	1.2297	0.987319	1.00304	1.00304	0.000180743	0.298683	-3.34803
cg15286905	ACBD5;ACBD5;ACBD5	0.00754931	0.90843	0.979721	-1.0207	0.0207956	1.64128	1.64128	0.0547969	1.47379	1.47379	0.2459	1.24121	1.24121	0.274653	1.22431	1.22431
cg05886574	ACBD5;ACBD5;ACBD5	0.00796046	0.00483503	0.519504	-1.92491	0.00144605	2.24028	2.24028	0.501785	1.12688	1.12688	0.20347	1.26516	1.26516	0.168221	0.773138	-1.29343
cg03896269	ACBD6	1.88E-05	0.0205381	0.674142	-1.48337	0.00368391	1.74137	1.74137	0.0239978	1.46296	1.46296	0.00133229	1.93332	1.93332	1.58E-05	0.283776	-3.52391
cg22159430	ACBD6	0.000211874	0.000209053	0.494931	-2.02048	0.0397335	0.763692	-1.30943	0.000137974	0.473721	-2.11095	0.585894	0.939534	-1.06436	0.000109357	0.46186	-2.16516
cg16358350	ACBD6	0.00225721	0.00596812	0.265295	-3.76939	0.00105368	0.167173	-5.98181	0.0102522	0.302847	-3.30199	0.0121421	0.315377	-3.17081	0.000938474	0.161692	-6.18459
cg08270031	ACBD6	0.00288222	0.000141066	0.472276	-2.11741	0.00183431	0.603219	-1.65777	0.00620679	0.665309	-1.50306	0.0650449	0.789316	-1.26692	0.0528341	0.777751	-1.28576
cg17475583	ACBD6	0.0121534	0.014696	0.314979	-3.17482	0.0407939	0.403191	-2.48022	0.00402359	0.226195	-4.42097	0.966594	0.98402	-1.01624	0.0332359	0.383898	-2.60486
cg01559031	ACBD6	0.0328955	0.0790617	0.32453	-3.08137	0.00841397	0.143358	-6.97553	0.0156364	0.180778	-5.53165	0.59777	0.735432	-1.35975	0.00618155	0.127335	-7.85332
cg15107887	ACBD6	0.046608	0.0344195	0.348371	-2.8705	0.583039	0.789024	-1.26739	0.579694	0.78733	-1.27012	0.698807	0.846888	-1.18079	0.00694266	0.224699	-4.4504
cg09062138	ACBD6;ACBD6	0.043627	0.188008	0.753072	-1.32789	0.303706	1.24179	1.24179	0.143421	1.3766	1.3766	0.0261183	0.584758	-1.71011	0.0525443	0.638849	-1.56532
cg15663316	ACBD7	0.000171371	4.01E-06	0.252883	-3.9544	0.0373901	1.36362	1.36362	0.508168	0.917423	-1.09001	0.807254	0.969105	-1.03188	0.00292051	0.591558	-1.69045
cg12009856	ACBD7	0.00113982	0.134427	0.589632	-1.69597	0.0110406	0.352288	-2.83859	0.00598494	0.308559	-3.24087	0.0145167	0.37324	-2.67924	0.000339193	0.151103	-6.61801
cg01316983	ACBD7	0.00309946	0.000402068	0.387556	-2.58027	0.0109865	1.71158	1.71158	0.309216	1.19392	1.19392	0.233729	0.81037	-1.234	0.0764719	0.717554	-1.39362
cg03408893	ACBD7	0.03754	0.0326666	0.730563	-1.36881	0.0145816	1.4591	1.4591	0.0963381	1.25774	1.25774	0.896622	0.983807	-1.01646	0.883241	1.01863	1.01863
cg12651953	ACCN1	9.65E-06	0.889117	0.977812	-1.02269	0.978546	0.995684	-1.00433	0.000156049	0.353014	-2.83275	0.16171	0.78635	-1.2717	0.166915	0.788977	-1.26746
cg06072644	ACCN1	1.63E-05	0.847015	0.976615	-1.02395	0.763895	0.963768	-1.03759	0.901133	0.984889	-1.01534	0.996299	1.00057	1.00057	0.518202	0.922886	-1.08356
cg07456480	ACCN1	1.86E-05	0.0013492	0.341486	-2.92838	0.375133	0.810532	-1.23376	2.04E-05	0.137116	-7.29312	0.000675051	0.301312	-3.31882	0.000428596	0.276291	-3.61937
cg25172185	ACCN1	2.85E-05	0.128368	0.750419	-1.33259	0.00125904	0.43932	-2.27625	0.000355304	0.367269	-2.7228	0.974466	0.994425	-1.00561	0.00437013	0.514254	-1.94456
cg19942495	ACCN1	6.79E-05	0.494098	0.851986	-1.17373	0.83988	1.04777	1.04777	0.157533	1.41715	1.41715	0.517357	0.859488	-1.16348	0.245488	0.755621	-1.32341
cg12810096	ACCN1	7.64E-05	0.0127546	0.577258	-1.73233	0.0225737	1.6241	1.6241	0.304927	1.20762	1.20762	0.991852	1.00181	1.00181	0.0711347	0.699103	-1.43041
cg15744026	ACCN1	0.000118178	0.462233	1.15781	1.15781	0.0555968	0.653955	-1.52916	0.00119626	0.394721	-2.53344	0.215788	0.77486	-1.29056	2.05E-05	0.185497	-5.39092
cg14603098	ACCN1	0.000142477	0.984075	1.00902	1.00902	0.0301106	3.14911	3.14911	0.0032627	6.0729	6.0729	0.00358424	0.169627	-5.8953	?	?	?
cg24432120	ACCN1	0.000150023	0.752273	1.07052	1.07052	0.0023094	0.400041	-2.49974	0.00128266	0.364148	-2.74613	0.933366	1.01816	1.01816	0.0418958	1.65633	1.65633
cg16166230	ACCN1	0.000310145	0.65246	0.887302	-1.12701	0.58735	0.865436	-1.15549	0.00124463	0.288165	-3.47023	0.0264158	0.499425	-2.0023	0.0456431	0.546379	-1.83023
cg16927372	ACCN1	0.000312748	0.799601	1.08915	1.08915	0.00309627	0.256969	-3.89151	0.000389994	0.149852	-6.67323	0.0135316	0.358437	-2.78989	0.00215474	0.23547	-4.24683
cg24950828	ACCN1	0.000631698	0.655931	1.09047	1.09047	0.202817	0.7713	-1.29651	0.855414	0.965384	-1.03586	0.866391	1.03306	1.03306	0.13867	0.735007	-1.36053
cg05774001	ACCN1	0.000662053	0.466899	0.897967	-1.11363	0.00707238	0.602907	-1.65863	0.0139365	0.643047	-1.5551	0.0470437	0.718627	-1.39154	0.523865	0.91037	-1.09845
cg08037710	ACCN1	0.000792193	0.576047	1.11432	1.11432	0.733564	1.06766	1.06766	0.0253467	0.600884	-1.66422	0.865426	0.968021	-1.03304	0.419581	1.17119	1.17119
cg07428782	ACCN1	0.00256008	0.00617342	0.219298	-4.56001	0.0128095	0.268923	-3.71854	0.00495701	0.205868	-4.85748	0.00992661	0.250674	-3.98925	0.00294371	0.176456	-5.66714
cg24769205	ACCN1	0.00349257	0.0449358	0.639911	-1.56272	0.0592889	0.66164	-1.51139	0.00552059	0.492873	-2.02892	0.790067	1.05312	1.05312	0.656056	1.09085	1.09085
cg04136817	ACCN1	0.0036959	0.726991	1.20776	1.20776	0.563735	0.730285	-1.36933	0.00698759	0.152765	-6.54602	0.831838	1.12133	1.12133	0.0321102	0.258733	-3.86499
cg16307912	ACCN1	0.00660245	0.00974287	0.523555	-1.91002	0.0202269	0.574483	-1.7407	0.314235	1.22877	1.22877	0.00613697	0.492731	-2.02951	0.0121629	0.538715	-1.85627
cg25033990	ACCN1	0.00758186	0.786653	0.898641	-1.11279	0.400891	0.712682	-1.40315	0.15474	0.548826	-1.82207	0.81658	0.912537	-1.09585	0.879869	1.06139	1.06139
cg23302998	ACCN1	0.00779599	0.0224021	0.338329	-2.95571	0.00235704	0.18625	-5.36912	0.00193923	0.176044	-5.68039	0.451978	0.738198	-1.35465	0.0117269	0.287295	-3.48075
cg01882539	ACCN1	0.00892503	0.253189	0.670045	-1.49244	0.000821016	0.184243	-5.42761	0.0102551	0.337678	-2.9614	0.795243	1.09118	1.09118	0.0120929	0.350023	-2.85696
cg25204186	ACCN1	0.00901681	0.507605	0.826811	-1.20947	0.61133	1.15603	1.15603	0.0734264	0.568515	-1.75897	0.277361	0.726426	-1.3766	0.0502991	0.531901	-1.88005
cg24613080	ACCN1	0.0099876	0.4201	0.481315	-2.07764	0.381657	0.4509	-2.21779	0.669762	1.4635	1.4635	0.568713	0.599677	-1.66756	0.971786	0.969092	-1.03189
cg18502829	ACCN1	0.0135774	0.0373314	0.275626	-3.62811	0.00146356	0.0862851	-11.5895	0.0256453	0.243248	-4.11103	0.664436	0.792346	-1.26207	0.149264	0.438375	-2.28115
cg03745383	ACCN1	0.0259319	0.0470217	2.57454	2.57454	0.017256	3.34275	3.34275	0.0950593	2.14487	2.14487	0.116029	2.03522	2.03522	0.173386	1.82691	1.82691
cg11874882	ACCN1	0.0262339	0.066683	0.300413	-3.32875	0.00192877	0.076761	-13.0274	0.00952005	0.146465	-6.82758	0.624755	0.749517	-1.33419	0.040689	0.251047	-3.98331
cg27134812	ACCN1	0.030015	0.0469538	0.667277	-1.49863	0.135295	0.750969	-1.33161	0.900346	0.97796	-1.02254	0.749231	0.944545	-1.05871	0.000721198	0.400413	-2.49742
cg25304405	ACCN1	0.0360147	0.153837	2.44788	2.44788	0.235736	2.0721	2.0721	0.0841632	0.326177	-3.06582	0.298446	0.531569	-1.88122	0.0855481	0.328139	-3.04749
cg01890568	ACCN1;ACCN1	3.11E-06	0.0364111	1.60858	1.60858	0.0340572	0.616632	-1.62171	0.00158505	0.412189	-2.42607	0.156523	0.743626	-1.34476	0.0763512	0.680203	-1.47015
cg23763736	ACCN1;ACCN1	7.24E-06	0.107195	0.873483	-1.14484	0.0091717	1.28985	1.28985	0.00149751	1.42205	1.42205	0.399711	0.935834	-1.06857	0.612573	1.04006	1.04006
cg09924064	ACCN1;ACCN1	6.37E-05	0.215117	0.832014	-1.2019	0.491475	0.906211	-1.1035	0.555175	1.08775	1.08775	0.450275	0.897249	-1.11452	0.989916	0.99822	-1.00178
cg09102690	ACCN1;ACCN1	0.000178532	0.000664388	0.481602	-2.07641	0.0549596	0.737022	-1.35681	0.000474872	0.463287	-2.15849	0.0450148	0.724325	-1.3806	0.0160377	0.66149	-1.51174
cg23406509	ACCN1;ACCN1	0.000444085	0.198835	0.686428	-1.45682	0.00142364	0.278328	-3.59288	0.00150423	0.281546	-3.55182	0.00315341	0.326911	-3.05893	0.528334	1.19367	1.19367
cg23985388	ACCN1;ACCN1	0.000833341	0.624443	0.889356	-1.12441	0.899633	0.970458	-1.03044	0.0618756	0.606715	-1.64822	0.26183	0.757247	-1.32057	0.134664	1.46712	1.46712
cg10802974	ACCN1;ACCN1	0.00149517	0.199478	1.55816	1.55816	0.33402	1.38539	1.38539	0.157531	1.63963	1.63963	0.457451	1.2809	1.2809	0.102495	1.79422	1.79422
cg08579420	ACCN1;ACCN1	0.00208568	0.165676	0.766785	-1.30415	0.00529206	0.516724	-1.93527	0.0224	0.61177	-1.6346	0.0602999	0.683487	-1.46309	0.258724	0.809246	-1.23572
cg11695831	ACCN1;ACCN1	0.00213729	0.0115086	0.363052	-2.75443	0.0632114	0.511827	-1.95379	0.15738	0.615889	-1.62367	0.175228	0.629943	-1.58745	0.000855199	0.200751	-4.9813
cg26369259	ACCN1;ACCN1	0.00217929	0.581728	1.1138	1.1138	0.0947682	0.700677	-1.42719	0.392613	0.843956	-1.1849	0.591993	1.11049	1.11049	0.0057131	0.495572	-2.01787
cg15368771	ACCN1;ACCN1	0.00248452	0.23231	0.847021	-1.18061	0.162502	0.820662	-1.21853	0.0486592	0.741937	-1.34782	0.362495	1.13208	1.13208	0.120045	0.799684	-1.25049
cg15049636	ACCN1;ACCN1	0.00445721	0.0180448	0.470743	-2.1243	0.136066	0.656189	-1.52395	0.00798099	0.409871	-2.43979	0.0108325	0.431986	-2.31489	0.00256588	0.333939	-2.99456
cg20810838	ACCN1;ACCN1	0.00514307	0.414263	0.81612	-1.22531	0.0332604	1.83283	1.83283	0.15103	0.68753	-1.45448	0.818888	0.94569	-1.05743	0.000657907	0.280639	-3.56329
cg19470841	ACCN1;ACCN1	0.00854409	0.0153627	0.2308	-4.33275	0.101584	0.413377	-2.4191	0.00759453	0.184131	-5.43092	0.0136187	0.222184	-4.50077	0.00683954	0.17791	-5.62083
cg02984614	ACCN1;ACCN1	0.0109649	0.622891	0.788385	-1.26842	0.00259796	7.40101	7.40101	0.0172131	4.02418	4.02418	0.427907	1.47442	1.47442	?	?	?
cg26359857	ACCN1;ACCN1	0.0406403	0.0286106	0.26401	-3.78773	0.0292943	0.266027	-3.75902	0.0569391	0.329225	-3.03744	0.261269	0.54652	-1.82976	0.00844596	0.17652	-5.66509
cg16368008	ACCN1;ACCN1	0.042782	0.451188	1.25787	1.25787	0.540259	0.830861	-1.20357	0.495794	0.813274	-1.2296	0.409412	1.28677	1.28677	0.420985	1.2785	1.2785
cg22376583	ACCN1;ACCN1;ACCN1	0.000224895	0.170434	0.828813	-1.20654	0.392753	1.11843	1.11843	0.554701	1.07922	1.07922	0.139179	0.814606	-1.22759	0.723037	1.0464	1.0464
cg06721850	ACCN1;ACCN1;ACCN1	0.00142705	0.997885	1.0004	1.0004	0.680205	1.06428	1.06428	0.858781	0.973585	-1.02713	0.824765	1.03389	1.03389	0.716148	1.05642	1.05642
cg09677243	ACCN1;ACCN1;ACCN1	0.00287336	0.0772409	1.72217	1.72217	0.937889	0.978666	-1.0218	0.259689	1.38452	1.38452	0.272952	1.37125	1.37125	0.488506	1.21498	1.21498
cg19657723	ACCN2;ACCN2	0	?	?	?	?	?	?	?	?	?	?	?	?	0	1.76371	1.76371
cg18942451	ACCN2;ACCN2	0.000885382	0.35558	0.820569	-1.21867	0.00707091	0.484628	-2.06344	0.0218032	0.563897	-1.77337	0.00498557	0.461426	-2.16719	2.39E-05	0.173197	-5.77378
cg01043616	ACCN2;ACCN2	0.00525459	0.369743	1.27727	1.27727	0.000738264	3.90349	3.90349	0.0678028	1.72201	1.72201	0.139589	1.52555	1.52555	0.508594	0.836811	-1.19501
cg12351140	ACCN2;ACCN2	0.00571714	0.0576978	0.639361	-1.56406	0.880462	0.969123	-1.03186	0.889353	1.02944	1.02944	0.0810121	1.49662	1.49662	0.169531	1.35661	1.35661
cg23382700	ACCN2;ACCN2	0.0143444	0.00251876	0.133814	-7.47305	0.0772423	2.5648	2.5648	0.954513	0.973021	-1.02773	?	?	?	0.605814	0.779114	-1.28351
cg27483455	ACCN2;ACCN2	0.0167452	0.697428	1.17642	1.17642	0.00584548	4.48447	4.48447	0.0187472	3.26894	3.26894	0.620175	0.812404	-1.23091	0.0132113	0.278772	-3.58715
cg07243147	ACCN3;ACCN3;ABCB8;ACCN3	0.0318863	0.0308288	0.301626	-3.31537	0.0206956	0.268012	-3.73118	0.146326	0.478534	-2.08972	0.184528	0.514143	-1.94498	0.0114334	0.224028	-4.46372
cg09611742	ACCN3;ACCN3;ACCN3	0.00228908	0.000267631	0.276568	-3.61575	0.0722041	1.53903	1.53903	0.213552	0.754698	-1.32503	0.0808411	0.659689	-1.51587	0.00138343	0.369224	-2.70839
cg07698638	ACCN3;ACCN3;ACCN3	0.0137442	0.101405	0.632397	-1.58128	0.00392166	2.6961	2.6961	0.00348762	2.75308	2.75308	0.882547	0.962933	-1.03849	0.0668757	0.591635	-1.69023
cg06648495	ACCN3;ACCN3;ACCN3	0.0227528	0.0364208	0.49898	-2.00409	0.0722979	0.563631	-1.77421	0.187707	0.670926	-1.49048	0.259563	1.39963	1.39963	0.000633213	0.222951	-4.4853
cg11262093	ACCN3;ACCN3;ACCN3	0.0378082	0.538684	1.25432	1.25432	0.0722118	0.481717	-2.07591	0.054897	2.20889	2.20889	0.907822	1.04307	1.04307	0.00371234	0.240027	-4.16619
cg01901107	ACCN3;ACCN3;ACCN3 ACCN3;ACCN3;ACCN3;ACCN3;ACCN3;A	0.0448106	0.598121	0.481512	-2.07679	0.148222	8.42282	8.42282	0.174253	7.28463	7.28463	0.114565	10.5697	10.5697	0.152363	0.121678	-8.21843
cg27070808	CCN3	0.0116454	0.323218	0.852655	-1.17281	0.0258313	1.51198	1.51198	0.242749	0.826153	-1.21043	0.203138	1.23352	1.23352	0.047128	0.701242	-1.42604
cg19210770	ACCN4;ACCN4	9.09E-05	0.941741	1.00831	1.00831	0.000589607	1.82418	1.82418	0.175855	0.849604	-1.17702	0.000716863	0.55813	-1.7917	0.771993	0.967633	-1.03345
cg12046414	ACCN4;ACCN4	0.000284836	0.00072022	0.603182	-1.65787	0.0997724	1.19387	1.19387	0.298569	1.11165	1.11165	0.71845	1.03621	1.03621	0.023559	1.30428	1.30428
cg02595377	ACCN4;ACCN4	0.000454546	0.132428	1.48796	1.48796	0.000337276	4.1143	4.1143	0.00722129	2.33625	2.33625	0.000227107	4.48175	4.48175	0.00994421	2.21866	2.21866
cg04255268	ACCN4;ACCN4	0.00324815	0.683179	1.06093	1.06093	0.000743869	2.09172	2.09172	0.255426	1.18665	1.18665	0.0281747	1.45296	1.45296	0.426438	1.12417	1.12417
cg21767952	ACCN4;ACCN4	0.0401009	0.577894	0.868195	-1.15181	0.163248	0.687868	-1.45377	0.0825221	0.616609	-1.62177	0.402772	1.24022	1.24022	0.0681129	1.67138	1.67138
cg02197228	ACCN4;ACCN4	0.0418899	0.122889	0.720185	-1.38853	0.00545677	0.487836	-2.04987	0.0377016	0.622912	-1.60536	0.679523	0.921662	-1.085	0.56905	0.893132	-1.11966
cg18395327	ACCN4;ACCN4	0.0471072	0.146422	1.97182	1.97182	0.150525	1.9565	1.9565	0.33689	0.649704	-1.53916	0.857159	0.924529	-1.08163	0.178082	1.86498	1.86498
cg10515731	ACCN4;ACCN4;ACCN4;ACCN4	0.000288092	0.800976	1.07904	1.07904	5.26E-05	9.72911	9.72911	0.616935	1.16401	1.16401	0.750425	0.908372	-1.10087	0.933468	1.02546	1.02546
cg18844301	ACCN4;ACCN4;ACCN4;ACCN4	0.000897935	0.972377	1.00663	1.00663	7.81E-05	3.90849	3.90849	0.920042	0.981034	-1.01933	0.390265	1.1828	1.1828	0.243905	1.26176	1.26176
cg17610929	ACCN4;ACCN4;ACCN4;ACCN4	0.0275552	0.1653	0.525236	-1.90391	0.0138893	12.4572	12.4572	0.0514122	3.57227	3.57227	?	?	?	?	?	?
cg14401592	ACCN5	0.0129711	0.266571	0.438357	-2.28125	0.190896	0.372796	-2.68244	0.0423375	0.188999	-5.29105	0.0528549	0.208492	-4.79635	0.00209466	0.0457791	-21.844
cg09920268	ACCS;ACCS	0.0473432	0.657207	1.20023	1.20023	0.0730948	0.441825	-2.26334	0.517466	0.764781	-1.30756	0.0286205	2.87258	2.87258	0.0482395	0.397544	-2.51544
cg15894661	ACCS;ACCS;ACCS	0.0465434	0.117112	6.59668	6.59668	0.168523	5.08439	5.08439	0.450017	2.34687	2.34687	0.190803	4.64255	4.64255	0.377443	0.366513	-2.72841
cg03105379	ACCSL	0.00606622	0.0258087	0.546927	-1.8284	0.705509	1.09041	1.09041	0.000698622	0.307657	-3.25037	0.139289	0.695762	-1.43727	0.0315983	0.562931	-1.77642
cg03611536	ACCSL	0.00982205	0.0331709	0.593802	-1.68406	0.00510412	0.460904	-2.16965	0.000492945	0.319151	-3.13331	0.0207691	0.558433	-1.79073	0.0209368	0.559026	-1.78883
cg14686207	ACCSL	0.0235099	0.0910651	0.521264	-1.91842	0.648053	0.851407	-1.17453	0.0295739	0.407925	-2.45143	0.0117751	0.332484	-3.00766	0.002718	0.234757	-4.25973
cg19354750	ACE	0.00525369	0.127645	0.842196	-1.18737	0.122498	0.839889	-1.19063	0.0315156	0.768782	-1.30076	0.465895	0.92555	-1.08044	0.0531639	0.795284	-1.25741
cg23524341	ACE	0.00877701	0.922662	1.00878	1.00878	0.0275152	1.26462	1.26462	0.0024009	1.46361	1.46361	0.46074	1.06997	1.06997	0.0838898	1.18799	1.18799
cg02261408	ACE	0.0293217	0.102717	0.768491	-1.30125	0.129356	0.785301	-1.2734	0.00241845	0.536329	-1.86453	0.441883	0.890784	-1.12261	0.978849	1.00392	1.00392
cg06751221	ACE	0.0331469	0.190533	1.39281	1.39281	0.0131342	2.08566	2.08566	0.0221083	1.92687	1.92687	0.593225	1.13755	1.13755	0.638868	1.1196	1.1196
cg02131967	ACE	0.0478964	0.0164494	0.63194	-1.58243	0.404005	0.874856	-1.14304	0.237184	0.823744	-1.21397	0.231906	0.821761	-1.2169	0.0060098	0.570032	-1.75429
cg18458833	ACE2	1.48E-05	0.00514346	0.626826	-1.59534	0.00508565	1.59689	1.59689	0.0609509	0.765704	-1.30599	0.0281059	1.38794	1.38794	2.98E-07	0.149659	-6.68184
cg05748796	ACE2	0.000242109	0.790319	1.05422	1.05422	3.01E-05	0.198456	-5.03889	0.00639666	0.495123	-2.0197	0.00530864	0.482922	-2.07073	0.000529651	0.343259	-2.91326
cg08559914	ACE2	0.00440859	0.0290553	0.523655	-1.90965	0.0107304	0.446551	-2.23939	0.00702558	0.416307	-2.40208	0.00170793	0.324261	-3.08394	0.000540846	0.258551	-3.86771
cg23232263	ACE2	0.0099835	0.00648062	0.148187	-6.74825	0.0234107	0.232011	-4.31014	0.713527	0.819615	-1.22009	0.0627771	0.323198	-3.09408	0.00138697	0.0820472	-12.1881
cg18877734	ACE2	0.0235301	0.624717	0.855352	-1.16911	0.227537	1.49399	1.49399	0.0967005	0.561082	-1.78227	0.0131781	0.377584	-2.64841	0.0073323	0.334387	-2.99055
cg05039749	ACE2	0.0240651	0.666147	0.824306	-1.21314	0.643454	1.23058	1.23058	0.650257	1.22529	1.22529	0.167465	1.92507	1.92507	0.0142575	0.260412	-3.84007
cg19802564	ACE;ACE	2.60E-05	0.182237	0.868752	-1.15108	7.55E-06	0.375911	-2.66021	1.04E-06	0.280503	-3.56502	0.00326924	0.671366	-1.4895	0.00915144	0.719662	-1.38954
cg19826045	ACE;ACE	0.00378746	0.0164155	0.60335	-1.65741	0.000396276	0.378411	-2.64263	0.00306861	0.49736	-2.01062	0.245664	0.811235	-1.23269	0.00470336	0.523516	-1.91016
cg04199256	ACE;ACE;ACE	0.0290221	0.924039	0.973754	-1.02695	0.0258612	0.478147	-2.09141	0.0023693	0.306605	-3.26153	0.0237927	0.471223	-2.12214	0.011669	0.415199	-2.40848
cg25221254	ACER1	0.00342077	0.281399	0.811945	-1.23161	0.540553	0.891112	-1.12219	0.0288384	0.619022	-1.61545	0.171924	0.762929	-1.31074	0.00273217	0.463137	-2.15919
cg19440035	ACER1	0.00723273	0.00140062	0.359431	-2.78217	0.0709769	0.640156	-1.56212	0.236893	0.760321	-1.31523	0.0644504	1.58301	1.58301	0.00100796	0.339915	-2.94191
cg15716042	ACER1	0.0174727	0.00993527	0.284288	-3.51756	0.139397	0.540977	-1.84851	0.0589097	0.4387	-2.27946	0.0187311	0.332757	-3.0052	0.00546184	0.243771	-4.10221
cg17667294	ACER1	0.0197896	0.438247	0.755184	-1.32418	0.0375466	0.42446	-2.35593	0.168528	0.593882	-1.68384	0.195379	0.614871	-1.62636	0.00127606	0.188526	-5.30431
cg19598519	ACER1;ACER1	0.00134696	0.045517	0.754478	-1.32542	0.761975	0.96337	-1.03802	0.0102311	0.671879	-1.48836	3.44E-05	0.37366	-2.67623	0.023694	0.717668	-1.3934
cg12999109	ACER1;ACER1	0.02378	0.0184052	0.412229	-2.42584	0.452932	1.26733	1.26733	0.270983	0.701094	-1.42634	0.00736138	0.342921	-2.91612	0.363773	0.748864	-1.33536
cg02616710	ACER2	0.00551482	0.00395122	0.335516	-2.98048	0.0064123	2.71555	2.71555	0.269363	0.723226	-1.38269	0.519692	0.832057	-1.20184	0.00290076	0.315605	-3.16851
cg08711063	ACER3	0.000322004	0.00024333	0.162639	-6.14859	0.0337411	2.10084	2.10084	0.6803	0.883339	-1.13207	0.107888	1.69084	1.69084	2.86E-05	0.0853654	-11.7143
cg02385173	ACER3	0.00264302	0.00176194	0.186607	-5.35886	0.0297689	2.62114	2.62114	0.411461	1.37219	1.37219	0.12938	1.85402	1.85402	0.000402319	0.120002	-8.33317
cg19314992	ACER3	0.00325584	0.0181495	0.542039	-1.84488	0.00998877	0.499371	-2.00252	0.182421	0.739281	-1.35267	0.0533359	1.5977	1.5977	0.00120834	0.363545	-2.75069
cg18119621	ACER3	0.00937813	0.0840858	0.319523	-3.12967	0.00671348	0.122639	-8.15402	0.0702012	0.298723	-3.34758	0.235705	0.476258	-2.0997	0.00191962	0.072657	-13.7633
cg27121309	ACER3	0.0101434	0.0229665	0.417608	-2.39459	0.577285	0.834645	-1.19811	0.00507995	0.304534	-3.2837	0.963566	1.01477	1.01477	0.485097	1.25575	1.25575
cg12511579	ACER3	0.017426	0.0242709	1.41412	1.41412	0.010613	1.51381	1.51381	0.0123253	0.668904	-1.49498	0.0834982	1.28042	1.28042	0.691966	1.05272	1.05272
cg17838626	ACER3	0.0185427	0.198639	0.691784	-1.44554	0.383086	1.27459	1.27459	0.965985	0.988499	-1.01163	0.594232	1.15702	1.15702	0.00234252	0.315977	-3.16479
cg02208432	ACER3	0.020688	0.0530712	0.39261	-2.54706	0.297248	1.58352	1.58352	0.879951	1.0664	1.0664	0.343235	1.51485	1.51485	0.00203029	0.157106	-6.36512
cg23595413	ACER3	0.0303303	0.11486	1.78125	1.78125	0.295142	1.44133	1.44133	0.862027	0.943111	-1.06032	0.176011	1.62323	1.62323	0.531617	1.23782	1.23782
cg21962765	ACHE;ACHE	0.0010232	0.000300889	0.191515	-5.22151	0.0551871	1.84261	1.84261	0.0883022	1.69684	1.69684	0.000511945	0.217555	-4.59653	0.0151341	0.432082	-2.31437
cg23200774	ACHE;ACHE	0.00560067	0.054561	0.635216	-1.57427	0.00260648	2.38153	2.38153	0.848106	1.04071	1.04071	0.00898767	1.99622	1.99622	0.370348	0.825789	-1.21096
cg02607340	ACHE;ACHE	0.00651176	0.848601	0.95283	-1.0495	0.447689	0.822307	-1.21609	0.215608	0.719282	-1.39028	0.354302	0.785899	-1.27243	0.00606152	0.404088	-2.47471
cg23549117	ACHE;ACHE	0.00655824	0.868684	1.03049	1.03049	0.00934144	0.549211	-1.82079	0.601508	0.908663	-1.10052	0.062488	0.683107	-1.4639	0.000152765	0.307164	-3.25559
cg04156293	ACHE;ACHE	0.0207873	0.037556	14.9682	14.9682	0.0168233	26.3472	26.3472	0.104361	7.32306	7.32306	0.0862602	8.37736	8.37736	0.0511086	12.0768	12.0768
cg16616348	ACHE;ACHE	0.0361271	0.707409	0.918061	-1.08925	0.729379	1.08193	1.08193	0.652849	0.902433	-1.10812	0.279314	0.774898	-1.29049	0.0224822	0.538056	-1.85854
cg24769513	ACHE;ACHE;ACHE;ACHE	0.0140769	0.332332	0.681295	-1.46779	0.375811	1.41733	1.41733	0.051909	2.33666	2.33666	0.00142791	0.170313	-5.87155	0.902019	0.953839	-1.0484
cg12709556	ACHE;ACHE;ACHE;ACHE	0.0315797	0.00512616	3.33366	3.33366	0.0418953	0.465999	-2.14593	0.26577	0.68549	-1.45881	?	?	?	0.835009	1.07027	1.07027

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18385299	0.00997967	0.285528	-3.50228	0.00201989	0.186784	-5.35377	0.307234	0.665509	-1.50261	0.00370598	0.220758	-4.52984	6.00972	14.1266	2.08944	1
cg02583796	0.185876	0.601932	-1.66132	0.0193429	0.359291	-2.78326	0.938292	0.972368	-1.02842	0.0110343	0.31545	-3.17008	5.08944	10.5569	1.8438	1
cg27395066	0.00580203	0.302079	-3.3104	0.234957	1.51041	1.51041	0.000764373	0.18472	-5.41359	0.0187807	0.389391	-2.56812	16.2495	28.2419	1.5449	1
cg24839693	0.00629529	1.30157	1.30157	0.137242	0.888203	-1.12587	0.766594	0.978194	-1.02229	0.659463	1.03339	1.03339	4.41822	0.383855	0.0772266	1
cg14010578	0.684578	0.893029	-1.11978	0.0199799	2.17682	2.17682	0.214163	0.696074	-1.43663	0.142726	0.646345	-1.54716	3.52071	4.27901	1.08034	1
cg18011274	0.608046	0.855658	-1.16869	0.383527	1.30901	1.30901	0.59341	0.850104	-1.17633	0.0198287	0.428431	-2.3341	3.49937	5.03287	1.27842	1
cg18039474	0.404922	1.09719	1.09719	0.186302	0.858562	-1.16474	0.0290936	0.755837	-1.32304	0.092114	1.2236	1.2236	3.62214	0.679564	0.166768	1
cg26476574	0.036891	0.449795	-2.22324	1.03E-05	0.0444978	-22.473	0.000841989	0.191072	-5.23362	0.000466881	0.163085	-6.13176	19.2772	33.1698	1.52949	1
cg00507135	0.178348	0.543936	-1.83845	0.0454571	0.376467	-2.65628	0.000283472	0.0800212	-12.4967	0.00500978	0.205728	-4.86079	8.44188	24.2433	2.5527	1
cg08715142	0.0194216	0.583405	-1.71408	0.048283	0.650286	-1.53778	0.223674	1.27607	1.27607	0.149127	1.34313	1.34313	7.77867	4.47978	0.511916	1
cg15286905	0.386918	1.17107	1.17107	0.00113122	0.426135	-2.34667	0.19681	0.784293	-1.27503	0.0175731	0.597825	-1.67273	6.46073	3.24403	0.446324	1
cg05886574	0.0173599	0.60193	-1.66132	0.726482	1.06347	1.06347	0.827114	1.03907	1.03907	0.57422	0.905318	-1.10458	6.35404	3.08955	0.432208	1
cg03896269	0.152261	1.24196	1.24196	0.000176367	2.45618	2.45618	2.32E-05	3.305	3.305	0.001147	0.508943	-1.96485	34.4291	10.8872	0.281084	1
cg22159430	0.00226374	0.616098	-1.62312	0.824013	1.02557	1.02557	0.161239	0.843971	-1.18488	7.34E-05	0.441553	-2.26473	18.0859	3.68208	0.180967	1
cg16358350	0.0136685	0.324385	-3.08276	0.00167349	0.190338	-5.2538	0.00566461	0.261864	-3.81877	0.00509902	0.255048	-3.92083	9.30707	20.0866	1.91841	1
cg08270031	0.25526	1.14528	1.14528	0.507191	0.926032	-1.07988	0.307376	0.886321	-1.12826	0.101607	0.814901	-1.22714	8.66043	1.78902	0.183621	1
cg17475583	0.0478677	0.418891	-2.38726	0.0391978	0.399362	-2.50399	0.0269156	2.74023	2.74023	0.362099	0.697442	-1.43381	5.55056	13.0071	2.08301	1
cg01559031	0.149657	0.410023	-2.43889	0.0517353	0.278665	-3.58854	0.643281	1.30887	1.30887	0.5472	0.703577	-1.42131	3.95456	20.8628	4.68946	1
cg15107887	0.0383691	0.358582	-2.78876	0.0184072	0.294533	-3.39521	0.949432	1.02748	1.02748	0.0327854	0.343889	-2.90792	3.47937	10.067	2.57186	1
cg09062138	0.43152	0.849423	-1.17727	0.0299248	0.594961	-1.68078	0.943573	0.985713	-1.01449	0.0731811	1.50109	1.50109	3.56657	2.33427	0.581766	1
cg15663316	0.483892	0.912705	-1.09564	0.461716	1.10098	1.10098	0.13457	0.812908	-1.23015	0.000704482	0.515311	-1.94057	19.1558	5.00105	0.232065	1
cg12009856	0.00457496	0.290638	-3.4407	8.33E-05	0.0984599	-10.1564	0.273171	0.688494	-1.45245	0.00850382	0.333135	-3.00179	11.3369	19.2335	1.50804	1
cg01316983	0.0152902	0.605588	-1.65129	0.0178129	1.62446	1.62446	0.428974	0.872851	-1.14567	0.578925	0.909906	-1.09901	8.4756	3.80769	0.399336	1
cg03408893	0.84281	0.975373	-1.02525	0.159899	1.20755	1.20755	0.28136	1.15098	1.15098	0.01159	1.48646	1.48646	3.76988	0.941778	0.222059	1
cg12651953	0.134557	0.77143	-1.29629	0.0392386	1.46772	1.46772	1.04E-07	0.0628889	-15.9011	0.0299638	0.663167	-1.50792	40.9427	16.7762	0.36422	1
cg06072644	0.0173537	0.701209	-1.42611	0.00211812	1.69773	1.69773	1.79E-07	0.139987	-7.14354	0.0539995	0.764934	-1.3073	35.7234	8.49171	0.211295	1
cg07456480	0.121219	0.678577	-1.47367	2.31E-05	0.141823	-7.05105	9.52E-07	0.0505855	-19.7685	0.00230395	0.374222	-2.67221	34.5203	29.1162	0.749735	1
cg25172185	0.0528198	0.680797	-1.46887	0.106009	0.734616	-1.36126	3.31E-07	0.0750397	-13.3263	0.00163695	0.454785	-2.19884	30.8622	14.916	0.429609	1
cg19942495	0.809984	1.05714	1.05714	0.0131307	0.4919	-2.03293	9.49E-07	19.7769	19.7769	0.00422331	2.41967	2.41967	24.5471	20.6877	0.749135	1
cg12810096	0.277631	0.818334	-1.22199	0.00353052	0.495427	-2.01846	1.70E-06	8.40054	8.40054	0.950503	1.01108	1.01108	23.7897	11.8805	0.443907	1
cg15744026	0.177536	0.755348	-1.32389	0.0133838	1.82173	1.82173	0.000280808	0.312591	-3.19907	6.64E-05	0.238894	-4.18595	21.1718	12.8547	0.5397	1
cg14603098	0.218372	0.558609	-1.79016	0.573371	0.774216	-1.29163	5.18E-06	105.198	105.198	0.654477	1.2246	1.2246	20.6438	58.7897	2.84781	1
cg24432120	0.339843	1.23576	1.23576	0.00333443	2.36261	2.36261	0.0005839	0.318525	-3.13947	2.19E-05	0.159538	-6.26808	19.8561	14.5629	0.651929	1
cg16166230	0.170032	0.680137	-1.47029	0.000148282	0.179048	-5.5851	1.05E-05	0.0834986	-11.9763	0.012125	0.438338	-2.28135	16.301	17.9603	0.979369	1
cg16927372	0.040183	0.451178	-2.21642	4.74E-05	0.0762745	-13.1105	9.46E-05	0.0967909	-10.3316	0.00795688	0.319114	-3.13368	16.2637	29.0289	1.58656	1
cg24950828	0.671628	0.920943	-1.08584	0.0109066	1.85376	1.85376	9.23E-06	0.15705	-6.36738	0.370381	0.837224	-1.19442	13.3901	7.91116	0.525176	1
cg05774001	0.609132	0.927773	-1.07785	0.783569	1.04084	1.04084	1.04E-05	0.253998	-3.93704	0.00383247	0.567428	-1.76234	13.2156	4.42316	0.297505	1
cg08037710	0.614839	1.1021	1.1021	0.0405456	1.57335	1.57335	1.39E-05	0.17598	-5.68246	0.25443	1.25611	1.25611	12.5667	7.30745	0.516882	1
cg07428782	0.0204807	0.305372	-3.27469	0.00550179	0.212169	-4.71323	0.000292855	0.0814884	-12.2717	0.0102141	0.252666	-3.95779	8.9691	25.6352	2.54059	1
cg24769205	0.227234	0.781995	-1.27878	0.354554	1.20292	1.20292	0.000102684	0.26352	-3.79478	0.68424	1.08255	1.08255	8.17901	4.87441	0.529748	1
cg04136817	0.372302	0.610613	-1.6377	0.0227946	0.230505	-4.3383	0.000206115	0.0351616	-28.4401	0.00247053	0.103661	-9.64679	8.04148	36.9384	4.0831	1
cg16307912	0.02248	0.582105	-1.7179	0.00268336	0.439837	-2.27357	0.611792	1.10662	1.10662	0.412734	1.18029	1.18029	6.73659	4.18036	0.551596	1
cg25033990	0.072016	2.20579	2.20579	0.534928	0.780714	-1.28088	0.000242241	10.9284	10.9284	0.020883	2.98968	2.98968	6.45202	15.8576	2.18469	1
cg23302998	0.075657	0.456897	-2.18868	0.0182912	0.321592	-3.10953	0.00375655	0.212334	-4.70956	0.155316	0.547519	-1.82642	6.39588	15.8952	2.20909	1
cg01882539	0.104986	0.551886	-1.81197	0.01233	0.351499	-2.84496	0.0297904	0.424014	-2.35841	0.521818	1.24338	1.24338	6.12861	10.927	1.58485	1
cg25204186	0.945145	1.01966	1.01966	0.873202	0.955819	-1.04622	0.000144013	0.156783	-6.37822	0.0871441	0.586013	-1.70645	6.10876	7.74418	1.12686	1
cg24613080	0.515806	1.79484	1.79484	0.0967131	0.198163	-5.04635	0.0002851	192.546	192.546	0.0399123	8.23439	8.23439	5.91296	73.7974	11.0939	1
cg18502829	0.0971727	0.37878	-2.64006	0.0032913	0.118184	-8.46138	0.0121555	0.188869	-5.29468	0.288531	0.555673	-1.79962	5.35348	24.1125	4.00363	1
cg03745383	0.0442995	2.61451	2.61451	0.00708266	4.2529	4.2529	0.100689	0.473318	-2.11274	0.0492234	2.54429	2.54429	4.30201	11.7916	2.43639	1
cg11874882	0.0510657	0.272639	-3.66785	0.0325828	0.231548	-4.31876	0.325713	0.552378	-1.81035	0.373311	0.585933	-1.70668	4.28464	23.2143	4.81603	1
cg27134812	0.6972	0.932804	-1.07204	0.137201	0.752172	-1.32948	0.132441	0.749141	-1.33486	0.071005	0.698506	-1.43163	4.08611	2.04801	0.445524	1
cg25304405	0.327108	1.80969	1.80969	0.290569	1.90235	1.90235	0.00391314	0.102597	-9.7469	0.387207	0.594713	-1.68148	3.82727	20.8382	4.83971	1
cg01890568	0.204371	0.769683	-1.29924	0.0522475	1.53958	1.53958	3.80E-08	0.021888	-45.6872	6.42E-05	0.237856	-4.20423	54.8285	33.1719	0.537788	1
cg23763736	0.214466	1.10576	1.10576	0.00485869	0.75032	-1.33276	9.39E-08	3.82089	3.82089	0.00525212	1.32733	1.32733	44.1077	4.13377	0.0833066	1
cg09924064	0.146373	0.802727	-1.24575	0.908649	1.01631	1.01631	5.76E-07	6.99577	6.99577	0.492042	1.10335	1.10335	24.9712	7.85605	0.279648	1
cg09102690	0.154178	0.807452	-1.23846	0.0721114	1.32504	1.32504	5.19E-06	0.234299	-4.26805	0.0298987	0.698923	-1.43077	18.9449	5.89829	0.276746	1
cg23406509	0.393759	0.784996	-1.27389	0.102233	1.64147	1.64147	2.61E-05	0.0995305	-10.0472	0.00597898	0.369442	-2.70678	14.7677	17.9608	1.08109	1
cg23985388	0.978185	0.993523	-1.00652	0.24245	1.33739	1.33739	9.70E-06	0.104083	-9.60773	0.36128	0.800097	-1.24985	12.3888	11.0814	0.795079	1
cg10802974	0.0278882	2.3399	2.3399	0.14334	1.67283	1.67283	3.88E-05	0.0758701	-13.1804	0.785455	1.09338	1.09338	10.4893	17.7818	1.50687	1
cg08579420	0.896488	1.02365	1.02365	0.409634	1.16353	1.16353	0.000315064	0.350426	-2.85367	0.000274245	0.342839	-2.91682	9.52467	4.86653	0.454168	1
cg11695831	0.19682	0.6457	-1.54871	0.732628	0.8959	-1.1162	6.80E-05	0.0966726	-10.3442	0.020777	0.409751	-2.44051	9.45692	15.3907	1.44662	1
cg26369259	0.298288	1.23227	1.23227	0.00362524	2.14386	2.14386	0.000250329	0.310283	-3.22286	0.0621263	0.665751	-1.50206	9.40326	5.58875	0.528304	1
cg15368771	0.234071	0.847601	-1.1798	0.00388788	0.597299	-1.6742	0.000172775	2.32907	2.32907	0.555262	0.92396	-1.0823	9.04856	2.5178	0.247337	1
cg15049636	0.218389	0.712071	-1.40435	0.0640825	0.579377	-1.72599	0.000261098	0.207068	-4.82933	0.025474	0.498366	-2.00656	7.59971	8.28081	0.968552	1
cg20810838	0.623775	0.886596	-1.12791	?	?	?	0.00207149	0.347903	-2.87437	0.112652	0.656749	-1.52265	7.43119	6.20137	0.834506	1
cg19470841	0.0306606	0.286091	-3.49539	0.129996	0.446606	-2.23911	0.000960874	0.0886075	-11.2857	0.0184954	0.244631	-4.08779	6.21385	23.9048	3.41958	1
cg02984614	0.786697	0.877997	-1.13896	?	?	?	0.0107509	4.65265	4.65265	0.11135	0.435199	-2.2978	5.99478	16.9929	3.23956	1
cg26359857	0.0918056	0.383947	-2.60453	0.0339865	0.279048	-3.58361	0.0152959	0.215319	-4.64427	0.103212	0.398845	-2.50724	3.66163	15.4232	3.7441	1
cg16368008	0.095943	1.7271	1.7271	0.00185209	0.266975	-3.74568	0.592418	0.85087	-1.17527	0.184092	0.656326	-1.52363	3.59264	5.08198	1.25738	1
cg22376583	0.166056	0.826962	-1.20924	0.00155179	0.540384	-1.85054	5.69E-06	4.47986	4.47986	0.706788	1.04935	1.04935	22.7039	5.71067	0.195633	1
cg06721850	0.297552	0.850167	-1.17624	0.00321328	0.54637	-1.83026	3.57E-05	3.3157	3.3157	0.677723	0.939116	-1.06483	10.6309	3.80407	0.318071	1
cg09677243	0.542015	1.18626	1.18626	0.52518	1.19502	1.19502	2.54E-05	10.0937	10.0937	0.112409	1.61323	1.61323	8.66833	10.512	1.07794	1
cg19657723	?	?	?	0	0.248628	-4.02208	?	?	?	0	0.36323	-2.75308	?	5.4317	0	1
cg18942451	0.00564091	0.469559	-2.12966	0.87997	0.969043	-1.03195	0.0679663	0.653501	-1.53022	0.00242885	0.415443	-2.40707	12.1789	8.35331	0.609674	1
cg01043616	0.414459	1.2481	1.2481	0.496758	0.832507	-1.20119	0.000461672	4.32403	4.32403	0.0486948	1.81876	1.81876	7.22801	8.07983	0.993644	1
cg12351140	0.96757	0.991563	-1.00851	0.000504527	0.322009	-3.1055	0.0570683	1.56628	1.56628	0.0151314	1.86273	1.86273	7.04322	4.84534	0.611506	1
cg23382700	0.345832	1.59281	1.59281	0.0275258	3.48956	3.48956	?	?	?	0.0928124	2.4271	2.4271	5.48436	15.5309	3.2364	1
cg27483455	0.363528	0.678186	-1.47452	0.329629	1.51948	1.51948	0.0360053	2.75741	2.75741	0.171984	1.83056	1.83056	4.99463	13.6796	2.43455	1
cg07243147	0.090178	0.413679	-2.41733	0.00354781	0.154454	-6.47442	0.151909	0.484058	-2.06587	0.0518313	0.351385	-2.84588	3.99897	14.1496	3.14516	1
cg09611742	0.916463	1.0228	1.0228	0.00861284	0.486824	-2.05413	0.23953	1.30297	1.30297	0.039238	0.598933	-1.66963	9.26892	6.77786	0.649997	1
cg07698638	0.472873	0.82983	-1.20507	0.884503	1.03784	1.03784	0.769682	0.927732	-1.0779	0.199372	0.707203	-1.41402	5.33209	5.51256	0.918975	1
cg06648495	0.70838	0.898161	-1.11339	0.758392	0.915582	-1.0922	0.502642	0.823267	-1.21467	0.28202	0.726453	-1.37655	4.50159	5.82591	1.15039	1
cg11262093	0.73662	0.88437	-1.13075	0.205631	1.62589	1.62589	0.174248	1.69237	1.69237	0.70757	0.871817	-1.14703	3.76009	7.89127	1.8655	1
cg01901107	0.057349	19.1793	19.1793	0.00744161	113.947	113.947	0.77585	0.675555	-1.48026	0.0321243	31.4608	31.4608	3.5311	105.57	26.5753	1
cg27070808	0.211157	1.22851	1.22851	0.00119779	2.09915	2.09915	0.348561	1.16272	1.16272	0.0423691	1.44084	1.44084	5.62793	2.17532	0.343576	1
cg19210770	8.11E-06	3.01696	3.01696	0.002796	0.627157	-1.5945	0.280488	0.880703	-1.13546	0.126882	0.82947	-1.20559	22.7099	4.61225	0.180528	1
cg12046414	2.65E-05	2.26125	2.26125	0.0169522	1.33121	1.33121	0.00664509	1.41344	1.41344	0.00141687	1.5742	1.5742	16.6852	2.55027	0.135863	1
cg02595377	4.96E-05	6.45185	6.45185	0.0287728	1.87989	1.87989	0.00641374	2.38203	2.38203	0.00153703	3.05116	3.05116	14.6729	13.9219	0.843395	1
cg04255268	0.00172652	1.90485	1.90485	0.00498636	0.585272	-1.70861	0.76165	0.9571	-1.04482	0.646194	0.935548	-1.06889	8.35817	2.7501	0.292472	1
cg21767952	0.00771723	2.3645	2.3645	0.724292	1.09313	1.09313	0.0655374	0.59471	-1.68149	0.358554	1.26792	1.26792	3.67972	3.68423	0.889978	1
cg02197228	0.00935175	0.52348	-1.91029	0.0836573	0.686627	-1.45639	0.156174	0.742371	-1.34703	0.519377	1.13685	1.13685	3.62085	2.21145	0.542894	1
cg18395327	0.00307641	5.84084	5.84084	0.0771352	0.424873	-2.35365	0.829835	1.09827	1.09827	0.560115	1.29255	1.29255	3.46544	10.4114	2.67053	1
cg10515731	6.41E-05	9.14645	9.14645	0.00408784	0.313374	-3.19107	0.0222411	2.28246	2.28246	0.0129871	2.53031	2.53031	16.6334	23.891	1.27673	1
cg18844301	0.000253366	3.15822	3.15822	0.0178968	0.577646	-1.73116	0.251447	0.795729	-1.25671	0.800156	1.04956	1.04956	12.1306	6.9871	0.511992	1
cg17610929	0.0505092	3.61632	3.61632	0.0960777	2.45434	2.45434	0.350947	0.695965	-1.43685	0.0136249	0.0783032	-12.7709	35.6458	35.149	0.281732	1
cg14401592	0.0550966	0.21236	-4.70899	0.00150804	0.0384912	-25.9799	0.26133	0.434051	-2.30388	0.0108482	0.102358	-9.76964	5.4341	43.6875	7.14622	1
cg09920268	0.591634	0.801475	-1.2477	0.0533527	0.407838	-2.45196	0.0815901	2.20068	2.20068	0.179116	0.558107	-1.79177	3.45891	9.14814	2.35093	1
cg15894661	0.313689	3.17355	3.17355	0.00260344	101.778	101.778	0.986456	1.01899	1.01899	0.017518	24.6408	24.6408	3.48119	67.7217	17.2921	1
cg03105379	0.369794	1.23365	1.23365	0.0280835	1.80649	1.80649	0.672157	0.907518	-1.10191	0.0130081	0.495321	-2.01889	6.91568	5.69268	0.731694	1
cg03611536	0.0619959	0.644128	-1.55249	0.557567	0.883252	-1.13218	0.272173	0.787227	-1.27028	0.358342	0.820615	-1.2186	5.94464	4.12479	0.616771	1
cg14686207	0.212406	0.631454	-1.58365	0.81438	0.920975	-1.08581	0.0101347	0.321329	-3.11207	0.0590682	0.474214	-2.10875	4.45105	8.63694	1.72482	1
cg19354750	0.0896168	0.822746	-1.21544	0.00137423	1.62251	1.62251	0.00788634	1.42668	1.42668	0.184873	0.863628	-1.15791	7.22839	1.24444	0.153031	1
cg23524341	0.699287	0.965646	-1.03558	0.00309038	0.694438	-1.44001	0.242012	0.895579	-1.1166	0.261445	1.11123	1.11123	6.16119	0.791466	0.114187	1
cg02261408	0.586389	1.0844	1.0844	0.0895045	1.318	1.318	0.204732	0.820892	-1.21819	0.0264356	0.678298	-1.47428	4.12011	1.41942	0.306232	1
cg06751221	0.236863	1.34476	1.34476	0.0209985	0.514966	-1.94188	0.126051	0.673247	-1.48534	0.555997	1.15297	1.15297	3.94375	3.56832	0.804269	1
cg02131967	0.958933	1.00809	1.00809	0.867586	0.974212	-1.02647	0.299349	1.18342	1.18342	0.131735	1.29013	1.29013	3.44378	1.33705	0.345111	1
cg18458833	0.000194206	0.452659	-2.20917	0.561682	1.07699	1.07699	0.487745	0.914746	-1.0932	0.259976	0.861981	-1.16012	36.6354	9.27009	0.224921	1
cg05748796	0.0800357	1.46934	1.46934	0.00192329	2.38693	2.38693	0.566974	0.891671	-1.12149	0.71975	0.931103	-1.07399	17.4417	10.8441	0.552651	1
cg08559914	0.442671	1.21753	1.21753	0.0702883	0.601242	-1.66322	0.880642	0.962923	-1.0385	0.258494	0.743447	-1.34509	7.62502	7.63547	0.890107	1
cg23232263	0.00831813	0.162076	-6.16995	0.307739	1.76753	1.76753	0.803538	1.14393	1.14393	0.122331	0.405223	-2.46778	5.91374	27.2586	4.09721	1
cg18877734	0.292988	1.41302	1.41302	0.0268073	2.29631	2.29631	0.896125	0.95945	-1.04226	0.536546	0.820093	-1.21937	4.44973	7.0779	1.4139	1
cg05039749	0.0330726	0.329809	-3.03206	0.0312597	3.07987	3.07987	0.0167198	3.67001	3.67001	0.439824	0.704203	-1.42004	4.41526	13.8553	2.78937	1
cg19802564	0.00237489	0.656321	-1.52364	0.0574781	0.807736	-1.23803	0.00375413	0.677864	-1.47522	0.000154569	0.525062	-1.90454	31.6263	4.94711	0.139043	1
cg19826045	0.120183	0.747942	-1.337	0.074021	1.40921	1.40921	0.241164	0.809458	-1.23539	0.512159	0.89178	-1.12135	7.98259	3.75268	0.417874	1
cg04199256	0.231142	0.70448	-1.41949	0.128677	0.632575	-1.58084	0.225593	0.701234	-1.42606	0.129817	0.633574	-1.57835	4.13512	5.09377	1.09496	1
cg25221254	0.455503	1.15193	1.15193	0.00011825	0.285437	-3.5034	0.00978298	0.544529	-1.83645	0.382413	0.846466	-1.18138	8.22998	4.51332	0.487466	1
cg19440035	0.32517	0.798796	-1.25188	0.478578	1.17268	1.17268	0.653543	0.904927	-1.10506	0.895159	1.02958	1.02958	6.54793	5.0704	0.688313	1
cg15716042	0.0582537	0.437523	-2.2856	0.00290899	0.205882	-4.85714	0.0618466	0.443856	-2.25298	0.0662751	0.451295	-2.21585	4.92405	11.6343	2.10022	1
cg17667294	0.013792	0.339244	-2.94773	0.0105816	0.319223	-3.1326	0.0350438	0.418039	-2.39212	0.248422	0.651497	-1.53493	4.72149	9.43099	1.77552	1
cg19598519	0.761899	1.03804	1.03804	0.999866	1.00002	1.00002	0.004221	0.624622	-1.60097	0.413222	1.10823	1.10823	10.8086	2.58329	0.212446	1
cg12999109	0.0735892	0.538986	-1.85534	0.00257035	0.273818	-3.65206	0.0686751	0.531837	-1.88028	0.425095	0.776943	-1.2871	4.43351	6.74161	1.35165	1
cg02616710	0.398548	0.783891	-1.27569	0.00607345	0.364482	-2.74362	0.299669	0.738755	-1.35363	0.584702	1.16821	1.16821	7.12167	8.95087	1.1172	1
cg08711063	0.00190218	0.267921	-3.73244	0.562736	0.839294	-1.19148	0.340063	1.34228	1.34228	0.119708	0.603236	-1.65773	16.1342	22.9041	1.26186	1
cg02385173	0.0252622	0.367031	-2.72457	0.348335	0.695047	-1.43875	0.314068	1.48032	1.48032	0.262771	0.644104	-1.55254	8.88517	19.9752	1.99835	1
cg19314992	0.0595244	0.63508	-1.57461	0.0207633	0.551979	-1.81166	0.00873044	2.04061	2.04061	0.547811	0.878239	-1.13864	8.35228	6.02815	0.641544	1
cg18119621	0.0154624	0.169759	-5.8907	0.00258919	0.082726	-12.0881	0.905864	1.07317	1.07317	0.0200506	0.187336	-5.338	6.03295	34.0467	5.01641	1
cg27121309	0.0805031	0.536703	-1.86323	0.0872985	0.545521	-1.83311	0.00290313	3.72104	3.72104	0.217233	0.659185	-1.51702	5.88375	9.60278	1.45074	1
cg12511579	0.0983502	0.791431	-1.26353	0.115257	0.801755	-1.24726	0.482312	1.09652	1.09652	0.850242	1.02469	1.02469	4.92847	1.29956	0.234386	1
cg17838626	0.382358	1.27509	1.27509	0.00751833	0.393321	-2.54245	0.0642104	1.75789	1.75789	0.575287	0.857656	-1.16597	4.8266	5.62473	1.03588	1
cg02208432	0.208479	1.7577	1.7577	0.806879	1.1098	1.1098	0.0286344	2.99879	2.99879	0.315197	0.642913	-1.55542	4.65072	13.3262	2.54703	1
cg23595413	0.043739	2.18264	2.18264	0.00188344	4.40921	4.40921	0.00612732	3.33455	3.33455	0.343649	1.38884	1.38884	4.07096	7.30967	1.59606	1
cg21962765	0.870157	0.955046	-1.04707	0.023652	0.467848	-2.13745	0.167419	0.661161	-1.51249	0.00237232	0.303739	-3.2923	11.6902	14.6364	1.11291	1
cg23200774	0.0624525	1.547	1.547	0.242574	1.28978	1.28978	0.00149357	2.593	2.593	0.0487479	1.59735	1.59735	7.08795	4.86039	0.609534	1
cg02607340	0.584025	0.869543	-1.15003	0.000159014	0.195502	-5.11503	0.900846	0.968978	-1.03202	0.175737	1.43906	1.43906	6.76558	6.84889	0.899836	1
cg23549117	0.337592	1.19686	1.19686	0.786768	0.951908	-1.05052	0.650928	0.920535	-1.08632	0.129008	0.742157	-1.34742	6.75066	3.5328	0.465179	1
cg04156293	0.0438676	13.4324	13.4324	0.00353962	84.2355	84.2355	0.00527823	61.8338	61.8338	0.0412448	14.0218	14.0218	4.64313	92.4866	17.7058	1
cg16616348	0.847916	1.04449	1.04449	0.00104347	0.33275	-3.00526	0.123625	0.685144	-1.45955	0.289436	0.779335	-1.28315	3.82293	3.11259	0.723724	1
cg24769513	0.331913	0.681053	-1.46831	0.0117637	3.34483	3.34483	0.782409	0.899212	-1.11208	0.278229	1.54135	1.54135	5.29035	12.3373	2.07292	1
cg12709556	0.0778511	0.528303	-1.89285	0.537687	0.816106	-1.22533	0.29677	0.703094	-1.42229	0.10569	0.562416	-1.77804	4.07954	6.0899	1.49279	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)
cg09367198	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.00455745	0.182109	0.772655	-1.29424	0.000686092	0.388939	-2.5711	0.0216601	0.605246	-1.65222	0.102759	1.38419
cg22867117	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.0102263	0.156189	1.34374	1.34374	0.00145103	2.45006	2.45006	0.0426542	1.57545	1.57545	0.428911	0.854458
cg04854749	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.0171919	0.998369	0.999756	-1.00024	0.0502226	1.30591	1.30591	0.00354843	1.60394	1.60394	0.0140949	1.4366
cg04735908	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.0190985	0.60491	1.13966	1.13966	0.00900813	0.435268	-2.29743	0.00114962	3.30992	3.30992	0.927916	1.02292
cg23420779	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.0283044	0.470118	1.1323	1.1323	0.15671	1.29194	1.29194	0.637143	0.9228	-1.08366	0.312856	0.838179
cg16502747	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.0398826	0.201151	0.719778	-1.38932	0.140495	1.47137	1.47137	0.268698	0.755343	-1.3239	0.54061	0.859953
cg18271256	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.0468619	0.939416	1.01827	1.01827	0.0432647	1.73991	1.73991	0.0129021	2.08623	2.08623	0.0325322	1.81499
cg00867446	ACIN1;ACIN1;ACIN1;ACIN1;C14orf119;ACIN1;ACIN1	0.000344672	?	?	?	0.132693	1.95645	1.95645	0.009762	0.258761	-3.86457	1.37E-05	0.0232978
cg26404748	ACIN1;ACIN1;ACIN1;ACIN1;C14orf119;ACIN1;ACIN1	0.000866684	0.0184855	1.7839	1.7839	0.859351	1.03658	1.03658	0.0190033	1.77759	1.77759	0.477728	1.15746
cg15982991	ACIN1;ACIN1;ACIN1;ACIN1;C14orf119;ACIN1;ACIN1	0.011824	0.845798	1.06988	1.06988	0.0279678	2.46148	2.46148	0.0515763	2.15686	2.15686	0.210538	0.632747
cg15959986	ACIN1;C14orf119;C14orf119;ACIN1;ACIN1;ACIN1;ACIN1	0.0151437	0.009769	4.23667	4.23667	0.696279	1.18178	1.18178	0.4474	1.39152	1.39152	?	?
cg01761362	ACLY;ACLY	2.89E-05	0.00844802	1.56404	1.56404	5.90E-06	0.258399	-3.86998	1.33E-05	0.297213	-3.36459	0.388401	1.12477
cg19443920	ACLY;ACLY	5.36E-05	0.0480764	1.67269	1.67269	3.90E-06	11.5542	11.5542	0.0013408	2.88967	2.88967	2.92E-05	6.46504
cg12641024	ACLY;ACLY	0.000208298	0.019442	0.588569	-1.69904	0.329181	1.20797	1.20797	0.00303911	0.466793	-2.14228	0.654961	0.919073
cg16637223	ACLY;ACLY	0.00714599	0.00704997	0.663052	-1.50818	0.0414331	1.31978	1.31978	0.494538	0.92142	-1.08528	0.546235	0.930488
cg06892217	ACLY;ACLY	0.0266895	0.390311	1.15242	1.15242	0.500583	1.11649	1.11649	0.325704	1.17768	1.17768	0.021428	0.640553
cg05550919	ACLY;ACLY	0.027663	0.82976	0.976207	-1.02437	0.00972911	1.44156	1.44156	0.00411668	1.53785	1.53785	0.321137	1.12147
cg03688640	ACLY;ACLY	0.0339089	0.351894	0.9136	-1.09457	0.140104	1.16152	1.16152	0.0547069	1.2282	1.2282	0.135551	0.859217
cg25687894	ACLY;ACLY	0.0344137	0.77995	1.05331	1.05331	0.000573969	2.6872	2.6872	0.324829	1.20749	1.20749	0.215367	1.27358
cg19458266	ACLY;ACLY	0.0361297	0.222985	0.798626	-1.25215	0.197493	1.27026	1.27026	0.0810013	1.40459	1.40459	0.594695	0.910011
cg02861160	ACLY;ACLY	0.0364225	0.420383	0.881795	-1.13405	0.0442489	1.42353	1.42353	0.0474507	0.707151	-1.41412	0.8721	1.02493
cg02499308	ACMSD	0.0015649	0.0046926	0.0882207	-11.3352	0.00316861	0.0739444	-13.5237	0.0500464	0.236073	-4.23598	0.0144832	0.142793
cg26890182	ACMSD	0.0118499	0.0431471	0.31475	-3.17712	0.0643741	0.356122	-2.80803	0.74359	0.84952	-1.17713	0.508156	0.716384
cg02998028	ACMSD	0.0270686	0.228831	0.580782	-1.72182	0.427359	1.4172	1.4172	0.137092	0.502067	-1.99177	0.404565	0.692847
cg00050250	ACMSD	0.0445507	0.79294	1.03606	1.03606	0.450619	0.901678	-1.10904	0.013217	0.661297	-1.51218	0.397582	0.889916
cg20642712	ACN9	0.00223088	0.269634	0.835393	-1.19704	0.549174	1.09947	1.09947	0.441375	0.884417	-1.13069	0.557166	0.911292
cg06762532	ACN9	0.00641866	0.157709	0.64875	-1.54142	0.00775342	0.375501	-2.66311	0.000717808	0.228827	-4.37011	0.223819	0.693461
cg12459759	ACN9	0.0149745	0.0399051	0.274982	-3.6366	0.00245359	0.101219	-9.87953	0.0164502	0.203238	-4.92034	0.103484	0.379863
cg10125443	ACN9	0.0310685	0.0409419	1.43104	1.43104	0.014807	1.577	1.577	0.169066	1.2493	1.2493	0.0132559	1.5941
cg10548492	ACN9;ACN9	0.025284	0.307553	1.23701	1.23701	0.314167	0.810902	-1.23319	0.555388	1.12762	1.12762	0.95369	0.988374
cg13572911	ACO1	2.23E-05	0.0203167	0.667831	-1.49738	0.618035	1.07525	1.07525	0.0164238	0.654955	-1.52682	0.00629146	0.598319
cg13551330	ACO1	0.00763974	0.0014171	0.407592	-2.45343	0.0138838	0.553955	-1.8052	0.0468643	0.642672	-1.556	0.657467	0.916938
cg16259069	ACO1	0.017138	0.559784	0.937573	-1.06658	0.00168494	1.63343	1.63343	0.0268795	1.33183	1.33183	0.787697	0.970926
cg13541353	ACO1	0.0411964	0.0279616	0.224071	-4.46287	0.0160865	0.183286	-5.45596	0.0928812	0.344731	-2.90081	0.740102	1.21138
cg13567378	ACO1	0.0476938	0.62964	0.919129	-1.08799	0.964271	0.992256	-1.0078	0.00158014	0.455043	-2.19759	0.154936	0.767839
cg04431387	ACO2;PHF5A	0.00517517	0.00522884	0.489241	-2.04398	0.00103822	0.389652	-2.5664	0.169693	0.752884	-1.32823	0.546488	1.12572
cg03907864	ACO2;PHF5A	0.0163204	0.0767239	1.69956	1.69956	0.0385888	1.90694	1.90694	0.00109421	3.66036	3.66036	0.145442	1.52371
cg22619910	ACOT11	0.0120441	0.0397427	0.391121	-2.55675	0.00307985	0.201989	-4.95077	0.0038539	0.214933	-4.6526	0.492964	1.31641
cg26552897	ACOT11	0.0131781	0.168213	1.23797	1.23797	0.00198187	0.529869	-1.88726	0.0981244	0.76817	-1.30179	0.364163	1.14518
cg15490897	ACOT11;ACOT11	0.0475394	0.0606847	0.418233	-2.39101	0.100335	0.476129	-2.10027	0.210873	0.580764	-1.72187	0.0701256	0.434041
cg26045205	ACOT11;FAM151A	0.000320144	2.17E-05	2.62923	2.62923	0.000161127	2.07379	2.07379	0.731362	0.961742	-1.03978	0.323548	1.12234
cg10380762	ACOT11;FAM151A	0.00140678	0.00599485	0.633299	-1.57903	0.423304	1.10962	1.10962	0.00358767	0.605537	-1.65143	0.18153	0.834939
cg04919581	ACOT11;FAM151A	0.00368853	0.0486945	0.69945	-1.42969	0.110246	1.31831	1.31831	0.288487	0.839501	-1.19118	0.0248239	0.654349
cg10022295	ACOT11;FAM151A	0.00419123	0.0567657	1.65361	1.65361	0.0146995	0.496331	-2.01478	0.205918	0.732542	-1.36511	0.129556	0.682487
cg13458781	ACOT11;FAM151A	0.0282867	0.0386644	0.514558	-1.94341	0.954978	1.01579	1.01579	0.0901005	0.59554	-1.67915	0.0134697	0.427926
cg11177235	ACOT11;FAM151A;FAM151A	0.0147769	0.0759474	1.60558	1.60558	0.000492896	0.270318	-3.69935	0.0690742	0.614053	-1.62852	0.441718	1.20691
cg00518152	ACOT13;ACOT13	0.00829204	0.136633	0.786508	-1.27144	0.184527	0.809948	-1.23465	0.215193	0.822521	-1.21578	0.153436	0.795394
cg09568774	ACOT13;ACOT13	0.00963105	0.00387325	0.260396	-3.8403	0.700402	1.14307	1.14307	0.910578	1.03962	1.03962	0.191811	0.620097
cg09247949	ACOT13;TTRAP;ACOT13	0.0238745	0.140687	1.32929	1.32929	0.010502	0.560786	-1.78321	0.00429952	0.503673	-1.98541	0.412467	1.16243
cg24966682	ACOT13;TTRAP;ACOT13	0.0374933	0.087835	1.18486	1.18486	0.073429	0.835511	-1.19687	0.165694	1.14237	1.14237	0.00838595	1.3542
cg11611950	ACOT13;TTRAP;ACOT13;ACOT13;ACOT13	0.00169264	0.00266875	1.9094	1.9094	0.101873	0.756654	-1.32161	0.00081659	0.455779	-2.19405	0.214742	1.22554
cg12773217	ACOT2	0.00712831	0.170514	0.692218	-1.44463	0.000618117	0.264967	-3.77405	0.0025135	0.347286	-2.87947	0.167699	1.44862
cg07179457	ACOT2	0.0150278	0.165132	0.734505	-1.36146	0.0253094	0.57455	-1.74049	0.087871	0.675323	-1.48077	0.900963	0.974388
cg05012125	ACOT2;ACOT2	0.0076042	0.368701	1.2848	1.2848	0.00013715	5.99093	5.99093	0.00856186	2.48532	2.48532	0.59492	1.15681
cg07023532	ACOT4	0.000561017	0.00143913	0.507412	-1.97079	0.000511165	2.22345	2.22345	0.00415327	0.567913	-1.76083	0.00352036	0.558368
cg01839271	ACOT4	0.00057181	0.00125433	0.571015	-1.75127	0.00689495	1.51587	1.51587	0.986541	0.997996	-1.00201	0.00346967	1.60296
cg01691255	ACOT4	0.0036364	0.0270522	0.663083	-1.50811	0.692173	0.939449	-1.06445	0.0123554	0.613283	-1.63057	0.233044	0.821783
cg00620857	ACOT4	0.00729977	0.336848	1.10775	1.10775	0.954167	0.994078	-1.00596	0.242461	0.881245	-1.13476	0.0761811	0.815538
cg20578581	ACOT6	0.000266163	0.000137176	0.131603	-7.5986	0.000431629	0.180492	-5.54042	0.00112425	0.228887	-4.36896	0.47818	0.801139
cg23657782	ACOT6	0.000591216	3.59E-05	0.0531845	-18.8025	0.355212	0.704494	-1.41946	0.02814	0.384842	-2.59847	0.00153409	0.186545
cg00836542	ACOT6	0.000599236	0.0545957	0.660516	-1.51397	1.45E-05	0.179896	-5.55877	0.00542092	0.498539	-2.00586	0.0370593	0.630962
cg01675153	ACOT6;ACOT6	0.00397771	0.00320887	0.258284	-3.87171	0.0176423	0.3785	-2.64201	0.00191353	0.227856	-4.38873	0.917173	1.03563
cg25165880	ACOT7	0.00801878	0.00195326	0.167575	-5.96749	0.00541611	4.44986	4.44986	0.455485	1.36346	1.36346	0.456763	1.36222
cg05786314	ACOT7	0.0199946	0.0279232	0.507041	-1.97223	0.552591	0.854635	-1.17009	0.0581589	0.571309	-1.75037	0.760109	0.92305
cg26896160	ACOT7	0.0271796	0.6167	0.959765	-1.04192	0.00473667	1.35703	1.35703	0.00237073	1.41188	1.41188	0.392697	1.07386
cg02568911	ACOT7;ACOT7	0.0345736	0.355247	1.09382	1.09382	0.0608837	1.22047	1.22047	0.00507606	1.41811	1.41811	0.457123	0.931079
cg24312879	ACOT7;ACOT7;ACOT7	0.00475652	0.0224238	0.388549	-2.57368	0.724592	0.884918	-1.13005	0.00244449	0.232872	-4.2942	0.686513	1.15054
cg12082302	ACOT7;ACOT7;ACOT7	0.00981523	0.00155623	0.398318	-2.51056	0.374055	1.20281	1.20281	0.509244	0.873275	-1.14511	0.00734941	0.49695
cg10210448	ACOT7;ACOT7;ACOT7;ACOT7	4.13E-07	0.115699	1.11769	1.11769	4.92E-07	0.399845	-2.50097	1.77E-05	0.564815	-1.77049	0.0903704	1.1291
cg11346669	ACOT7;ACOT7;ACOT7;ACOT7	0.000251947	0.0135333	0.66767	-1.49774	3.93E-05	0.353472	-2.82908	0.00166015	0.551674	-1.81266	0.237729	0.849183
cg11257164	ACOT7;ACOT7;ACOT7;ACOT7	0.00034432	0.0289428	1.45932	1.45932	0.0368159	0.7005	-1.42755	0.0136895	0.639232	-1.56438	0.053357	0.724605
cg24599624	ACOT7;ACOT7;ACOT7;ACOT7	0.000382401	0.000762747	0.443283	-2.2559	0.0126589	0.609951	-1.63948	0.000201831	0.369843	-2.70385	0.0495277	0.699441
cg10375954	ACOT7;ACOT7;ACOT7;ACOT7	0.00127088	0.016144	0.598572	-1.67064	0.256562	1.22935	1.22935	0.866552	1.02976	1.02976	0.0522387	1.46958
cg16049283	ACOT7;ACOT7;ACOT7;ACOT7	0.00147785	0.00735182	0.386749	-2.58565	0.549884	1.18099	1.18099	0.585	0.859305	-1.16373	0.252336	1.38928
cg06834177	ACOT7;ACOT7;ACOT7;ACOT7	0.00196043	0.567652	0.816233	-1.22514	0.00658205	3.45697	3.45697	0.574252	0.819114	-1.22083	0.231752	1.55408
cg13066938	ACOT7;ACOT7;ACOT7;ACOT7	0.00208981	0.000647968	1.90296	1.90296	0.0300289	1.36874	1.36874	0.0907736	0.795196	-1.25755	0.0278203	1.3768
cg08848865	ACOT7;ACOT7;ACOT7;ACOT7	0.00345648	0.0126486	0.772965	-1.29372	0.00160596	0.686662	-1.45632	0.615886	0.958846	-1.04292	0.258311	0.906657
cg22171613	ACOT7;ACOT7;ACOT7;ACOT7	0.00379376	0.0197258	0.497674	-2.00935	0.000172579	0.205803	-4.85901	0.68709	1.10555	1.10555	0.702228	0.909204
cg21220721	ACOT7;ACOT7;ACOT7;ACOT7	0.00388944	0.196854	1.21552	1.21552	0.0121985	0.639715	-1.5632	0.747883	0.954916	-1.04721	0.00353372	0.56798
cg18786324	ACOT7;ACOT7;ACOT7;ACOT7	0.00470174	0.0545178	0.718788	-1.39123	0.0628637	0.728485	-1.37271	0.0193794	0.651834	-1.53413	0.708205	1.05856
cg11699125	ACOT7;ACOT7;ACOT7;ACOT7	0.00664279	0.23073	0.641826	-1.55805	0.0693824	2.0472	2.0472	0.483326	1.28564	1.28564	0.00513838	0.271557
cg11723698	ACOT7;ACOT7;ACOT7;ACOT7	0.00814389	0.0320785	0.745308	-1.34173	0.00162654	0.589435	-1.69654	0.0226092	0.726439	-1.37658	0.382231	0.900407
cg23230478	ACOT7;ACOT7;ACOT7;ACOT7	0.0170139	0.700271	0.913357	-1.09486	0.00360619	0.397238	-2.51738	0.0307805	0.551917	-1.81187	0.506192	0.853819
cg03915541	ACOT7;ACOT7;ACOT7;ACOT7	0.02171	0.207388	0.778029	-1.2853	0.0175538	0.5795	-1.72563	0.0422114	0.642881	-1.5555	0.524042	0.885242
cg17162028	ACOT7;ACOT7;ACOT7;ACOT7	0.022423	0.782844	0.952989	-1.04933	0.00260405	0.483394	-2.0687	0.213871	0.796047	-1.25621	0.0782315	0.711073
ch.1.234734F	ACOT7;ACOT7;ACOT7;ACOT7	0.0242329	0.0528121	0.343378	-2.91224	0.0778869	0.386173	-2.58951	0.0738847	0.380043	-2.63128	0.00131025	0.10312
cg21156684	ACOT7;ACOT7;ACOT7;ACOT7	0.0255604	0.0823065	0.672502	-1.48698	0.00942037	0.50741	-1.97079	0.0168461	0.548195	-1.82417	0.185923	1.33522
cg04309375	ACOT7;ACOT7;ACOT7;ACOT7	0.0486602	0.00678775	0.408068	-2.45057	0.713457	1.09882	1.09882	0.108882	0.639707	-1.56322	0.259107	0.740217
cg15100947	ACOT7;ACOT7;ACOT7;ACOT7	0.0488729	0.831061	1.09664	1.09664	0.0113394	3.93112	3.93112	0.837165	0.914975	-1.09293	0.753576	1.14566
cg02957924	ACOT7;ACOT7;ACOT7;ACOT7	0.0496702	0.605319	0.882869	-1.13267	0.672087	0.903258	-1.1071	0.144683	1.4541	1.4541	0.0118648	0.472068
cg02949713	ACOT9;ACOT9	0.025142	0.322611	0.657357	-1.52124	0.185534	0.561895	-1.77969	0.0796242	0.449859	-2.22292	0.073189	0.44024
cg26205890	ACOX1;ACOX1	0.00455429	0.027497	0.516832	-1.93487	0.00459199	0.384761	-2.59902	0.701122	1.10255	1.10255	0.220253	1.38581
cg12452675	ACOX1;ACOX1;ACOX1;ACOX1;C17orf106	0.0379903	0.257274	0.875369	-1.14238	0.567324	1.06726	1.06726	0.0270799	1.34261	1.34261	0.0707385	1.25527
cg24096680	ACOX1;FBF1;ACOX1	0.0218	0.0346941	0.225148	-4.44153	0.0166329	0.17019	-5.87579	0.151913	0.394731	-2.53337	0.243165	0.477321
cg16869862	ACOX2	0.0152356	0.0286698	0.576142	-1.73568	0.0176356	1.85291	1.85291	0.689959	0.917906	-1.08944	0.160802	0.726141
cg06768993	ACOX3;ACOX3	1.98E-06	0.0655328	0.725507	-1.37835	6.79E-05	0.322511	-3.10067	6.17E-06	0.208017	-4.80729	0.00250757	1.91886
cg09133485	ACOX3;ACOX3	1.78E-05	0.709613	0.956961	-1.04497	0.0219735	0.723833	-1.38153	0.218839	0.858902	-1.16428	0.437482	1.09763
cg13676538	ACOX3;ACOX3	2.18E-05	0.15714	0.872382	-1.14629	0.0121804	1.32565	1.32565	0.478284	0.93702	-1.06721	4.48E-05	0.497976
cg03734680	ACOX3;ACOX3	3.87E-05	0.0111955	0.774758	-1.29073	4.34E-06	0.427067	-2.34155	5.79E-05	0.549613	-1.81946	0.776887	0.977448
cg02189117	ACOX3;ACOX3	0.00027661	0.00127993	0.39461	-2.53415	0.00123686	0.392573	-2.54729	0.0531696	0.647257	-1.54498	0.0796597	1.46986
cg21330094	ACOX3;ACOX3	0.000774889	0.817411	1.04384	1.04384	0.0276472	1.62108	1.62108	0.161403	1.31979	1.31979	0.669338	0.923389
cg16330066	ACOX3;ACOX3	0.000791955	0.000455374	0.568231	-1.75985	0.203676	0.871701	-1.14718	0.0141441	0.733534	-1.36326	0.948368	1.00665
cg19642231	ACOX3;ACOX3	0.00121567	0.399789	0.898056	-1.11352	0.000181349	0.453801	-2.20361	0.324008	0.880679	-1.13549	0.0152212	1.45041
cg16265557	ACOX3;ACOX3	0.0012366	0.239741	0.847136	-1.18045	0.452757	1.10858	1.10858	0.162969	1.22224	1.22224	3.67E-05	0.342841
cg02537800	ACOX3;ACOX3	0.00128257	0.00670994	2.05629	2.05629	0.0412049	0.616979	-1.6208	0.015946	0.546011	-1.83147	0.962368	0.990372
cg15137838	ACOX3;ACOX3	0.00147854	0.00213463	0.303548	-3.29438	0.00513281	0.360067	-2.77726	0.288877	0.737704	-1.35556	0.338584	0.761421
cg03791579	ACOX3;ACOX3	0.00161674	0.465493	0.908768	-1.10039	0.22535	1.17822	1.17822	6.33E-05	0.387398	-2.58132	0.768223	1.0388
cg12026479	ACOX3;ACOX3	0.00262649	0.00391035	0.504201	-1.98334	0.00366573	1.99914	1.99914	0.904356	0.979029	-1.02142	0.17476	0.775314
cg02364930	ACOX3;ACOX3	0.00715598	0.0617978	1.40059	1.40059	0.0751492	0.72806	-1.37351	0.00462423	0.546894	-1.82851	0.335003	0.852794
cg18845838	ACOX3;ACOX3	0.00968736	0.00827679	0.775363	-1.28972	0.0310972	0.8264	-1.21007	0.617875	1.03863	1.03863	0.005609	0.760312
cg19279265	ACOX3;ACOX3	0.0121353	0.751257	0.9525	-1.04987	0.187651	0.807605	-1.23823	0.00337734	0.543333	-1.84049	0.061298	0.724215
cg08722675	ACOX3;ACOX3	0.0135957	0.329142	1.25835	1.25835	0.447785	1.19307	1.19307	0.290004	1.28478	1.28478	0.224393	1.33804
cg06656551	ACOX3;ACOX3	0.0151724	0.529468	0.931638	-1.07338	0.0488428	1.2841	1.2841	0.0629648	1.26178	1.26178	0.0601658	0.790047
cg22111705	ACOX3;ACOX3	0.0183956	0.250361	0.87398	-1.14419	0.464931	0.919983	-1.08698	0.735868	0.962745	-1.0387	0.579479	0.93916
cg17781866	ACOX3;ACOX3	0.0190715	0.0145493	0.176169	-5.67636	0.00717209	0.134981	-7.40847	0.024498	0.213129	-4.69199	0.444148	0.637596
cg21308322	ACOX3;ACOX3	0.0202816	0.86072	0.954014	-1.0482	0.0162447	0.454797	-2.19878	0.831366	0.94444	-1.05883	0.0550111	1.79181
cg11789530	ACOX3;ACOX3	0.0209635	?	?	?	0.0762361	0.203772	-4.90745	0.0590872	0.177545	-5.63236	0.0161462	11.7466
cg08206079	ACOX3;ACOX3	0.0246353	0.963592	0.993203	-1.00684	0.0105452	0.618323	-1.61728	0.00868101	0.606667	-1.64835	0.899928	1.01898
cg17232991	ACOX3;ACOX3	0.0251202	0.0344089	0.23292	-4.29332	0.0101985	0.147639	-6.77328	0.0367173	0.238545	-4.19207	0.975742	1.01812
cg17942382	ACOX3;ACOX3	0.0263823	0.3504	0.919476	-1.08758	0.01751	1.28732	1.28732	0.124999	1.15609	1.15609	0.271586	1.10513
cg09409168	ACOX3;ACOX3	0.0283412	0.0657166	0.837436	-1.19412	0.482179	0.940481	-1.06329	0.0102247	0.757197	-1.32066	0.0797995	0.846195
cg19661030	ACOX3;ACOX3	0.0290061	0.0813539	0.179872	-5.5595	0.00486566	0.0363376	-27.5197	0.107067	0.209706	-4.76859	0.52967	0.568151
cg14322233	ACOX3;ACOX3	0.0300218	0.00527585	0.51954	-1.92478	0.301282	0.826401	-1.21007	0.0921738	0.718913	-1.39099	0.507497	0.887182
cg07423540	ACOX3;ACOX3	0.0345133	0.0521115	0.679553	-1.47156	0.136936	0.755678	-1.32331	0.0241383	1.60026	1.60026	0.877897	1.02725
cg06862062	ACOX3;ACOX3	0.0398933	0.669396	0.946694	-1.05631	0.193469	1.19183	1.19183	0.081787	1.27887	1.27887	0.304219	0.873098
cg03089878	ACOX3;ACOX3	0.0399242	0.0466258	0.445187	-2.24625	0.315602	0.691741	-1.44563	0.578077	1.22087	1.22087	0.251789	1.52995
cg01428397	ACOX3;ACOX3	0.0417096	0.626321	1.09085	1.09085	0.0516331	0.675337	-1.48074	0.560779	0.901017	-1.10986	0.00662802	1.86732
cg10005960	ACOX3;ACOX3	0.0448122	0.0456021	0.78382	-1.2758	0.0111605	1.40212	1.40212	0.0929986	1.21699	1.21699	0.279106	0.887297
cg01358784	ACOX3;ACOX3	0.0474153	0.974216	1.00495	1.00495	0.00907792	0.602325	-1.66023	0.0618883	0.725068	-1.37918	0.554765	1.09565
cg04780086	ACOXL	7.95E-05	0.489414	0.778393	-1.2847	9.33E-06	30.4049	30.4049	0.0890251	0.512152	-1.95254	0.26941	1.50733
cg05826458	ACOXL	0.000221461	0.270119	0.848428	-1.17865	3.23E-06	4.84183	4.84183	0.0942608	0.768492	-1.30125	0.908628	1.01657
cg04202892	ACOXL	0.000860961	0.098982	0.498993	-2.00404	0.000138477	12.5695	12.5695	0.0571446	0.437312	-2.2867	0.637466	1.20013
cg17215170	ACOXL	0.0048017	0.36877	1.20873	1.20873	0.000106068	4.07685	4.07685	0.0573135	1.55517	1.55517	0.444567	0.852099
cg09756855	ACOXL;ACOXL;ACOXL	4.53E-05	0.00274713	2.11395	2.11395	0.0154865	0.583956	-1.71246	0.00181841	0.448049	-2.2319	6.67E-05	0.266153
cg06861011	ACOXL;ACOXL;ACOXL	0.000881173	0.00287196	0.283917	-3.52215	0.573668	1.19071	1.19071	0.00188976	0.258693	-3.86558	0.604332	0.851722
cg05739167	ACOXL;ACOXL;ACOXL	0.00418354	0.00102609	4.92503	4.92503	0.000943805	5.03147	5.03147	0.896882	1.0434	1.0434	0.257466	1.47284

Probeset ID	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)
cg09367198	1.38419	0.0317857	0.632325	-1.58146	0.00465862	0.503923	-1.98443	0.101603	0.721502	-1.386	0.00452792
cg22867117	-1.17033	0.829606	1.04287	1.04287	0.367025	0.834862	-1.1978	0.0109272	0.536776	-1.86298	0.0688161
cg04854749	1.4366	0.647719	0.946481	-1.05655	0.114354	1.22794	1.22794	0.200991	1.17524	1.17524	0.00395276
cg04735908	1.02292	0.145689	1.47891	1.47891	0.866023	0.958584	-1.04321	0.83207	1.05463	1.05463	0.33353
cg23420779	-1.19306	0.574545	0.908546	-1.10066	0.000723791	0.419164	-2.3857	0.574509	1.10067	1.10067	0.335554
cg16502747	-1.16285	0.765002	0.929587	-1.07575	0.210259	0.725012	-1.37929	0.0207884	0.50772	-1.96959	0.137448
cg18271256	1.81499	0.0477071	1.71494	1.71494	0.307949	1.28582	1.28582	0.00955858	2.18531	2.18531	0.654306
cg00867446	-42.9224	?	?	?	0.6396	0.822755	-1.21543	?	?	?	0.858851
cg26404748	1.15746	0.150741	1.36612	1.36612	0.18475	1.32971	1.32971	2.29E-05	0.179697	-5.56493	0.931122
cg15982991	-1.58041	0.681576	1.15387	1.15387	0.00668166	0.295048	-3.38928	0.00283239	0.240258	-4.16219	0.712776
cg15959986	?	0.0927615	2.22275	2.22275	0.0560003	0.390957	-2.55782	?	?	?	0.00665814
cg01761362	1.12477	0.0167032	1.47489	1.47489	0.00164682	1.82087	1.82087	0.0211142	1.44605	1.44605	0.912474
cg19443920	6.46504	0.00967968	0.474589	-2.10709	0.00448471	2.36961	2.36961	0.355655	1.24151	1.24151	0.0274061
cg12641024	-1.08805	3.59E-05	0.224286	-4.45859	0.000693263	0.378614	-2.64122	5.76E-05	0.246649	-4.05434	0.384665
cg16637223	-1.0747	0.345348	0.891666	-1.1215	0.0498622	0.768055	-1.30199	0.535583	1.07682	1.07682	0.247352
cg06892217	-1.56115	0.668335	1.07193	1.07193	0.767062	0.953254	-1.04904	0.00196304	2.02435	2.02435	0.352284
cg05550919	1.12147	0.945209	1.00772	1.00772	0.446243	0.916831	-1.09071	0.132875	0.834148	-1.19883	0.147314
cg03688640	-1.16385	0.370283	1.09066	1.09066	0.0290764	0.784563	-1.27459	0.00937996	0.732932	-1.36438	0.40217
cg25687894	1.27358	0.511783	1.13133	1.13133	0.647888	0.918265	-1.08901	0.0771497	1.43969	1.43969	0.321671
cg19458266	-1.09889	0.336845	0.840393	-1.18992	0.708036	0.936073	-1.06829	0.00152462	0.448704	-2.22864	0.274718
cg02861160	1.02493	0.00394781	0.552944	-1.8085	0.177961	0.803531	-1.24451	0.71936	1.05669	1.05669	0.562694
cg02499308	-7.00312	0.00164757	0.0544259	-18.3736	0.349315	1.86349	1.86349	0.000205222	0.0179765	-55.6281	0.00372637
cg26890182	-1.3959	0.000271252	0.0515053	-19.4155	0.611067	0.775056	-1.29023	0.623272	0.781927	-1.27889	0.828366
cg02998028	-1.44332	0.00113507	0.12744	-7.84683	0.10506	0.466703	-2.14269	0.0174994	0.288139	-3.47055	0.802545
cg00050250	-1.1237	0.010268	0.646896	-1.54584	0.777987	1.03879	1.03879	0.0364764	1.38725	1.38725	0.205349
cg20642712	-1.09734	0.000134555	0.355321	-2.81436	0.157613	1.26669	1.26669	0.00147584	2.04997	2.04997	0.322084
cg06762532	-1.44204	0.0025607	0.301747	-3.31403	0.00356051	0.322638	-3.09945	0.221517	0.692068	-1.44495	0.0793234
cg12459759	-2.63253	0.0386909	0.272126	-3.67476	0.0635732	0.321808	-3.10744	0.00377117	0.119445	-8.37202	0.0136815
cg10125443	1.5941	0.126555	0.777961	-1.28541	0.429915	0.884791	-1.13021	0.464876	0.893152	-1.11963	0.0483405
cg10548492	-1.01176	0.621362	1.10545	1.10545	0.854565	1.03764	1.03764	0.000470376	0.330665	-3.0242	0.379467
cg13572911	-1.67135	0.0071983	0.606148	-1.64976	0.000545948	0.460596	-2.1711	2.80E-07	0.112317	-8.9034	0.000183362
cg13551330	-1.09059	0.284734	0.805798	-1.24101	0.340802	0.82634	-1.21016	0.00118007	0.396699	-2.5208	0.47333
cg16259069	-1.02995	0.209801	0.865474	-1.15544	0.420203	1.0942	1.0942	0.296463	0.888403	-1.12562	0.0203245
cg13541353	1.21138	0.0293579	0.228037	-4.38526	0.492626	0.669383	-1.49391	0.0250647	0.215402	-4.64248	0.196811
cg13567378	-1.30236	0.621854	1.09011	1.09011	0.923802	0.983534	-1.01674	0.0818527	1.39742	1.39742	0.755934
cg04431387	1.12572	0.0376851	0.626382	-1.59647	0.792845	0.95021	-1.0524	0.00139377	0.407101	-2.45639	0.0148039
cg03907864	1.52371	0.682759	1.11707	1.11707	0.536829	1.18351	1.18351	0.0266811	0.492878	-2.0289	0.164689
cg22619910	1.31641	0.0424478	0.39749	-2.51579	0.643918	0.832126	-1.20174	0.00358607	0.210711	-4.74583	0.411856
cg26552897	1.14518	0.120263	1.27761	1.27761	0.252084	1.18997	1.18997	0.00956176	1.61128	1.61128	0.88486
cg15490897	-2.30393	0.00689464	0.236509	-4.22818	0.0932496	0.467157	-2.14061	0.0101035	0.262424	-3.81063	0.0708106
cg26045205	1.12234	0.0307492	1.33272	1.33272	0.0120479	1.42536	1.42536	0.0598406	1.27171	1.27171	0.275724
cg10380762	-1.19769	0.135011	0.8147	-1.22745	0.427949	0.902183	-1.10842	0.000146119	2.29619	2.29619	0.113578
cg04919581	-1.52824	0.000127167	0.346944	-2.88231	0.205558	0.808943	-1.23618	0.0184998	0.63537	-1.57389	0.0147394
cg10022295	-1.46523	0.000233734	0.240877	-4.15149	0.164529	1.41329	1.41329	0.0959899	0.652836	-1.53178	0.0368127
cg13458781	-2.33685	0.00185378	0.293504	-3.4071	0.72798	0.907663	-1.10173	0.295346	0.740002	-1.35135	0.0281441
cg11177235	1.20691	0.678834	0.904999	-1.10497	0.126253	0.672607	-1.48675	0.637719	1.12043	1.12043	0.727255
cg00518152	-1.25724	7.91E-05	0.34356	-2.9107	0.463472	0.89426	-1.11824	0.666724	0.937175	-1.06704	0.306524
cg09568774	-1.61265	0.00355102	0.254995	-3.92164	0.0911434	0.525429	-1.90321	0.00320305	0.248682	-4.0212	0.234523
cg09247949	1.16243	0.865728	1.03086	1.03086	0.185298	1.287	1.287	0.0687985	0.693625	-1.4417	0.500532
cg24966682	1.3542	0.443715	1.07284	1.07284	0.256278	1.11259	1.11259	0.364658	1.08748	1.08748	0.297595
cg11611950	1.22554	0.953698	0.990998	-1.00908	0.310539	0.849249	-1.17751	0.000416154	0.418159	-2.39144	0.725984
cg12773217	1.44862	0.277426	0.752255	-1.32934	0.624505	1.13239	1.13239	0.683608	0.901884	-1.10879	0.0645025
cg07179457	-1.02628	0.00677914	0.481297	-2.07772	0.00992586	0.507244	-1.97144	0.0160065	1.84876	1.84876	0.442436
cg05012125	1.15681	0.846513	0.948757	-1.05401	0.393087	1.26804	1.26804	0.106159	1.61441	1.61441	0.817189
cg07023532	-1.79093	0.0285734	0.683586	-1.46287	0.00117404	0.495963	-2.01628	0.125124	1.27692	1.27692	0.830291
cg01839271	1.60296	0.00128419	0.572235	-1.74753	0.504761	1.08383	1.08383	0.00431645	0.635217	-1.57427	0.00252906
cg01691255	-1.21687	0.00292162	0.526342	-1.89991	0.299184	0.844595	-1.184	0.00188154	1.99729	1.99729	0.438479
cg00620857	-1.22618	0.313327	1.11379	1.11379	0.246328	0.882238	-1.13348	0.176073	0.861864	-1.16028	0.000121632
cg20578581	-1.24822	8.48E-05	0.113908	-8.77903	0.0539205	0.510258	-1.95979	0.00012645	0.128494	-7.78245	0.119652
cg23657782	-5.36064	0.000278821	0.111952	-8.93239	0.00845824	0.289894	-3.44954	0.788441	1.10413	1.10413	0.591286
cg00836542	-1.58488	0.00465544	0.488785	-2.04589	0.00393589	0.478127	-2.0915	0.720559	1.07071	1.07071	0.123094
cg01675153	1.03563	0.00886306	0.325917	-3.06826	0.0643056	0.496797	-2.0129	0.000739824	0.178244	-5.61028	0.650227
cg25165880	1.36222	0.0382367	0.375476	-2.66328	0.85909	0.930085	-1.07517	0.0562173	0.413987	-2.41553	0.0359143
cg05786314	-1.08336	0.0125762	0.444233	-2.25107	0.593848	0.868724	-1.15111	0.000678868	0.257195	-3.8881	0.676059
cg26896160	1.07386	0.411621	1.07071	1.07071	0.851025	0.984816	-1.01542	0.733656	1.02818	1.02818	0.302404
cg02568911	-1.07402	0.0768773	1.20385	1.20385	0.654228	1.04343	1.04343	0.0335588	0.791252	-1.26382	0.374329
cg24312879	1.15054	0.000264789	0.126107	-7.92978	0.227975	0.645737	-1.54862	0.00969416	0.322704	-3.09882	0.199495
cg12082302	-2.01227	0.00833842	0.505435	-1.97849	0.0265786	0.587446	-1.70229	0.126151	0.715407	-1.3978	0.0179771
cg10210448	1.1291	4.74E-08	0.290146	-3.44654	2.20E-05	1.74085	1.74085	0.000136572	0.650893	-1.53635	0.131301
cg11346669	-1.1776	0.629886	0.937837	-1.06628	0.00148207	0.545514	-1.83313	0.00119909	1.87254	1.87254	0.0293342
cg11257164	-1.38006	0.0173678	0.653656	-1.52986	0.0356889	0.698514	-1.43161	2.99E-05	3.31727	3.31727	0.125754
cg24599624	-1.42971	4.17E-05	0.287977	-3.47249	0.000211069	0.372256	-2.68633	0.0296337	0.664686	-1.50447	0.0852598
cg10375954	1.46958	0.000231923	0.344626	-2.90169	0.602624	1.09591	1.09591	0.000526692	0.389918	-2.56464	0.125212
cg16049283	1.38928	0.000928595	0.256795	-3.89416	0.421757	0.797992	-1.25315	0.000142612	0.164748	-6.06989	0.121019
cg06834177	1.55408	0.00307698	4.1551	4.1551	0.00380697	3.94244	3.94244	0.605933	0.83283	-1.20073	0.000265646
cg13066938	1.3768	0.00141815	0.566666	-1.76471	0.325798	0.88269	-1.1329	0.448364	1.09969	1.09969	0.0220558
cg08848865	-1.10295	0.00414816	0.726677	-1.37613	0.263124	0.907625	-1.10178	0.00254869	1.41595	1.41595	0.787626
cg22171613	-1.09986	0.0470613	0.569409	-1.75621	0.0615452	0.593418	-1.68515	0.00589754	0.40955	-2.4417	0.00396442
cg21220721	-1.76063	0.00187838	0.532276	-1.87872	0.00447026	0.581395	-1.72	0.0714216	1.33374	1.33374	0.63125
cg18786324	1.05856	0.000308634	0.412119	-2.42648	0.563121	1.09252	1.09252	0.0139226	1.58385	1.58385	0.901215
cg11699125	-3.68246	0.00524516	0.272902	-3.66432	0.011764	0.329628	-3.03372	0.00866609	0.307232	-3.25487	0.743066
cg11723698	-1.11061	0.55722	0.932863	-1.07197	0.148276	1.19907	1.19907	0.00656011	1.5119	1.5119	0.42293
cg23230478	-1.17121	0.907344	0.973089	-1.02766	0.749102	0.927575	-1.07808	0.00406964	2.46823	2.46823	0.66362
cg03915541	-1.12963	0.533375	0.887724	-1.12648	0.124739	1.36856	1.36856	0.00419929	2.06245	2.06245	0.258397
cg17162028	-1.40633	0.180019	1.28165	1.28165	0.00791598	0.552348	-1.81045	0.839238	1.03604	1.03604	0.0333486
ch.1.234734F	-9.69748	0.0847155	0.396163	-2.52421	0.742089	0.851824	-1.17395	0.0103823	0.208571	-4.79453	0.0544798
cg21156684	1.33522	0.0151026	0.540377	-1.85056	0.925159	0.980818	-1.01956	0.0139307	0.534644	-1.8704	0.32306
cg04309375	-1.35095	0.0376175	0.539983	-1.85191	0.0202443	0.489038	-2.04483	0.023309	0.500264	-1.99895	0.505843
cg15100947	1.14566	0.0464812	2.67684	2.67684	0.0962938	2.20012	2.20012	0.979266	1.01128	1.01128	0.0118609
cg02957924	-2.11834	0.0274058	0.53603	-1.86557	0.54755	0.864638	-1.15655	0.825173	1.05429	1.05429	0.0211995
cg02949713	-2.27149	0.0018306	0.162355	-6.15934	0.167294	0.546372	-1.83025	0.0403529	0.378172	-2.6443	0.123312
cg26205890	1.38581	0.00244862	0.344004	-2.90694	0.00415108	0.378042	-2.64521	0.29631	0.760225	-1.3154	0.156755
cg12452675	1.25527	0.0567437	1.2748	1.2748	0.183359	0.853052	-1.17226	0.0933318	0.812357	-1.23099	0.420994
cg24096680	-2.09503	0.00700558	0.121041	-8.26164	0.0242786	0.196696	-5.08398	0.00402157	0.096311	-10.383	0.0280725
cg16869862	-1.37714	0.00302891	0.419787	-2.38216	0.0236825	0.561591	-1.78066	0.799084	0.946971	-1.056	0.691693
cg06768993	1.91886	5.81E-06	0.205422	-4.86802	1.07E-07	0.0699327	-14.2995	0.0150946	0.629018	-1.58978	0.147091
cg09133485	1.09763	4.74E-07	0.189213	-5.28505	0.0189796	1.39665	1.39665	0.014725	0.702524	-1.42344	0.00467688
cg13676538	-2.00813	1.24E-05	0.435537	-2.29601	0.000538258	0.615218	-1.62544	3.12E-05	2.0813	2.0813	0.029245
cg03734680	-1.02307	0.000341805	0.629363	-1.58891	0.0100236	1.29821	1.29821	0.00214056	1.41376	1.41376	0.360275
cg02189117	1.46986	0.0244927	0.58824	-1.69999	0.00279158	0.442178	-2.26153	6.66E-05	0.235199	-4.25172	9.37E-05
cg21330094	-1.08297	1.22E-05	0.180503	-5.54008	0.52334	0.886918	-1.1275	0.640561	1.09117	1.09117	0.178148
cg16330066	1.00665	0.000207006	0.529509	-1.88854	0.510858	1.07064	1.07064	0.00141099	1.60485	1.60485	0.875993
cg19642231	1.45041	0.00955502	0.664047	-1.50592	0.0310513	0.729231	-1.37131	0.00256756	1.68466	1.68466	0.299918
cg16265557	-2.9168	0.0101914	0.646234	-1.54743	0.0193691	0.683144	-1.46382	0.157591	1.22586	1.22586	0.614878
cg02537800	-1.00972	0.0431183	0.620556	-1.61146	0.150756	0.729232	-1.3713	0.845014	1.04095	1.04095	0.510351
cg15137838	-1.31333	0.000159429	0.1681	-5.94883	0.468728	0.815711	-1.22592	0.0454785	1.88484	1.88484	0.0884958
cg03791579	1.0388	0.0216954	0.701192	-1.42614	0.17243	1.20568	1.20568	0.0527995	0.753129	-1.32779	0.0101753
cg12026479	-1.2898	0.151821	1.3109	1.3109	0.931716	1.01522	1.01522	0.000344367	2.76136	2.76136	0.946915
cg02364930	-1.17262	0.171061	1.26292	1.26292	0.0185784	0.633117	-1.57949	0.133956	1.29546	1.29546	0.923957
cg18845838	-1.31525	0.561929	1.04518	1.04518	0.00124038	0.700704	-1.42714	0.0488895	0.844109	-1.18468	0.0578189
cg19279265	-1.38081	0.0543415	1.39671	1.39671	0.0320034	1.46886	1.46886	0.0215855	1.52538	1.52538	0.485942
cg08722675	1.33804	0.0351325	0.571194	-1.75072	0.928809	0.979816	-1.0206	0.00109683	2.99983	2.99983	0.006293
cg06656551	-1.26575	0.0297977	1.32874	1.32874	0.0138495	1.40223	1.40223	0.0285709	1.33262	1.33262	0.0763619
cg22111705	-1.06478	0.144385	1.19223	1.19223	0.79705	1.02932	1.02932	0.00107833	0.581952	-1.71836	0.00531737
cg17781866	-1.56839	0.0115221	0.161541	-6.19039	0.045986	0.267301	-3.7411	0.0105519	0.156303	-6.39783	0.0148074
cg21308322	1.79181	0.0283284	0.499627	-2.00149	0.0696475	0.580486	-1.72269	0.220316	1.41261	1.41261	0.195673
cg11789530	11.7466	?	?	?	0.1585	3.31123	3.31123	?	?	?	?
cg08206079	1.01898	0.107436	0.769112	-1.3002	0.0479125	1.40201	1.40201	0.322782	1.16486	1.16486	0.880034
cg17232991	1.01812	0.00716777	0.128703	-7.76984	0.0571207	0.280528	-3.56471	0.0171253	0.17979	-5.56206	0.0228359
cg17942382	1.10513	0.191948	1.12822	1.12822	0.0190946	0.780546	-1.28115	0.0504731	0.823077	-1.21495	0.0594422
cg09409168	-1.18176	0.00635302	0.736994	-1.35686	0.292831	0.910512	-1.09828	0.0789053	1.18248	1.18248	0.621787
cg19661030	-1.7601	0.0318757	0.107191	-9.32911	0.0706183	0.166295	-6.0134	0.00825992	0.0498262	-20.0697	0.0140053
cg14322233	-1.12717	0.00373954	0.498077	-2.00772	0.0125609	0.575423	-1.73785	0.618572	0.914517	-1.09347	0.797666
cg07423540	1.02725	0.63669	0.920174	-1.08675	0.589257	1.1	1.1	0.0059754	0.533456	-1.87457	0.283191
cg06862062	-1.14535	0.519258	1.0869	1.0869	0.928033	0.988545	-1.01159	0.00155286	0.559741	-1.78654	0.921245
cg03089878	1.52995	0.00218344	0.217263	-4.60273	0.761263	1.11431	1.11431	0.0583388	0.467748	-2.1379	0.827012
cg01428397	1.86732	0.0796551	1.41158	1.41158	0.0566893	1.46559	1.46559	0.088401	1.39535	1.39535	0.656714
cg10005960	-1.12702	0.933691	1.00888	1.00888	0.318412	1.11581	1.11581	0.468792	0.924666	-1.08147	0.158246
cg01358784	1.09565	0.563335	1.09345	1.09345	0.297585	1.17952	1.17952	0.0361753	1.45136	1.45136	0.67528
cg04780086	1.50733	0.477581	0.772887	-1.29385	0.000200101	9.27631	9.27631	9.09E-05	12.1311	12.1311	0.000319054
cg05826458	1.01657	0.914792	1.01544	1.01544	0.222212	0.83224	-1.20158	0.0353566	0.704156	-1.42014	0.19273
cg04202892	1.20013	0.234123	0.619179	-1.61504	0.0174125	3.04248	3.04248	0.00109931	6.35756	6.35756	0.00173932
cg17215170	-1.17357	0.792703	1.05558	1.05558	0.152976	1.3693	1.3693	0.0472521	0.627381	-1.59393	0.250941
cg09756855	-3.75723	4.11E-05	0.242583	-4.1223	0.0367596	0.644385	-1.55187	7.42E-06	0.167382	-5.97435	0.0312189
cg06861011	-1.17409	9.38E-05	0.117893	-8.48229	0.683955	1.13389	1.13389	0.247899	1.449	1.449	0.00141452
cg05739167	1.47284	0.228766	1.51261	1.51261	0.00725706	3.11048	3.11048	0.0810792	0.530633	-1.88454	0.0367166

Probeset ID	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09367198	0.502133	-1.99151	0.769744	1.05491	1.05491	7.5486	3.96543	0.466951	1
cg22867117	0.67257	-1.48683	0.942767	1.01408	1.01408	5.86843	3.52583	0.534056	1
cg04854749	1.58958	1.58958	0.513971	0.923916	-1.08235	4.95085	1.12087	0.201244	1
cg04735908	1.28385	1.28385	0.77434	1.07466	1.07466	4.7787	4.74902	0.883369	1
cg23420779	0.845424	-1.18284	0.417142	1.15052	1.15052	4.17185	1.88923	0.402534	1
cg16502747	1.47644	1.47644	0.00537894	0.409576	-2.44155	3.68712	3.46424	0.835157	1
cg18271256	1.11335	1.11335	0.767867	0.931918	-1.07306	3.47226	3.12073	0.798897	1
cg00867446	0.929008	-1.07642	0.7465	1.14359	1.14359	17.3681	31.3814	2.40913	1
cg26404748	0.98264	-1.01767	0.507539	1.14591	1.14591	12.2525	7.96345	0.577728	1
cg15982991	1.13685	1.13685	0.536034	0.804621	-1.24282	5.60026	10.6735	1.69412	1
cg15959986	0.209571	-4.77164	0.400272	0.692377	-1.4443	6.02438	13.1492	2.18267	1
cg01761362	1.01473	1.01473	0.992394	1.00127	1.00127	30.7682	8.62045	0.249043	1
cg19443920	1.81139	1.81139	0.000989399	3.04773	3.04773	26.1341	21.4565	0.729794	1
cg12641024	0.846008	-1.18202	0.00075597	0.383588	-2.60696	18.1697	10.1293	0.495543	1
cg16637223	1.15338	1.15338	0.00101562	1.77722	1.77722	6.57265	1.44893	0.195955	1
cg06892217	0.857046	-1.1668	0.0819759	1.36424	1.36424	4.2589	1.75193	0.365651	1
cg05550919	1.18994	1.18994	0.0592347	1.26895	1.26895	4.20567	0.833131	0.176086	1
cg03688640	0.922312	-1.08423	0.40567	1.08355	1.08355	3.91162	0.551166	0.125249	1
cg25687894	1.20908	1.20908	0.344034	1.19812	1.19812	3.89082	2.11912	0.48413	1
cg19458266	0.819088	-1.22087	0.468614	0.878546	-1.13824	3.82284	1.867	0.434117	1
cg02861160	0.914451	-1.09355	0.0747017	0.738318	-1.35443	3.81163	1.40969	0.328745	1
cg02499308	0.0795857	-12.5651	0.0266759	0.183289	-5.45587	10.3525	68.4358	5.87607	1
cg26890182	0.89774	-1.11391	0.0118684	0.210025	-4.76134	5.59629	21.8801	3.47534	1
cg02998028	1.11383	1.11383	0.126242	0.490764	-2.03764	4.23789	12.4254	2.60621	1
cg00050250	0.835347	-1.19711	0.429417	0.89708	-1.11473	3.53879	1.0161	0.25523	1
cg20642712	1.17355	1.17355	0.572393	1.09335	1.09335	9.33911	3.62055	0.344601	1
cg06762532	0.572395	-1.74705	0.0294363	0.479693	-2.08467	6.79587	8.8308	1.15506	1
cg12459759	0.190624	-5.24592	0.151545	0.433768	-2.30538	5.18361	24.2571	4.15963	1
cg10125443	1.40879	1.40879	0.304738	1.17523	1.17523	4.03625	1.47532	0.324905	1
cg10548492	0.833971	-1.19908	0.565743	1.12402	1.12402	4.34014	2.7873	0.570858	1
cg13572911	0.401477	-2.4908	0.189398	0.818218	-1.22217	32.9327	10.8633	0.293213	1
cg13551330	1.15225	1.15225	0.0161259	0.564359	-1.77192	6.43665	3.84918	0.531564	1
cg16259069	1.35766	1.35766	0.0802958	1.23625	1.23625	4.95606	0.937881	0.168213	1
cg13541353	2.19468	2.19468	0.152195	0.41333	-2.41937	3.64329	19.1455	4.67112	1
cg13567378	0.947327	-1.0556	0.432904	0.870323	-1.149	3.4493	1.64538	0.424016	1
cg04431387	0.558846	-1.7894	0.0259359	0.598676	-1.67035	7.26178	4.33072	0.530109	1
cg03907864	1.49087	1.49087	0.374109	1.27863	1.27863	5.03764	5.7909	1.0218	1
cg22619910	0.718002	-1.39275	0.18976	0.577896	-1.73041	5.56686	13.7434	2.19448	1
cg26552897	0.979156	-1.02129	0.272681	1.18053	1.18053	5.40605	1.80937	0.297505	1
cg15490897	0.435127	-2.29818	0.052628	0.403251	-2.47985	3.45352	9.29366	2.39206	1
cg26045205	1.13695	1.13695	0.00996092	0.691828	-1.44545	16.1599	3.27933	0.180383	1
cg10380762	1.24482	1.24482	0.283176	1.15238	1.15238	10.6747	2.73506	0.22775	1
cg04919581	0.620937	-1.61047	0.0790684	0.733765	-1.36283	8.04629	3.21222	0.35486	1
cg10022295	0.567954	-1.76071	0.0677145	0.62041	-1.61184	7.74259	6.67196	0.765976	1
cg13458781	0.487061	-2.05313	0.596096	0.862071	-1.16	4.17278	5.08764	1.08377	1
cg11177235	1.08757	1.08757	0.871421	0.961911	-1.0396	5.20642	4.73937	0.80915	1
cg00518152	0.853384	-1.1718	0.354055	0.866931	-1.15349	6.27289	2.22827	0.315754	1
cg09568774	1.53875	1.53875	0.0495462	0.460723	-2.1705	5.98201	11.3324	1.68392	1
cg09247949	1.13068	1.13068	0.633619	0.917364	-1.09008	4.42743	2.26233	0.454205	1
cg24966682	1.1021	1.1021	0.0378519	0.805092	-1.24209	3.77159	0.484209	0.114118	1
cg11611950	1.05632	1.05632	0.891996	1.02138	1.02138	10.1205	3.88709	0.341406	1
cg12773217	0.592493	-1.68778	0.0231503	0.504444	-1.98238	6.57774	6.61719	0.89422	1
cg07179457	0.849411	-1.17729	0.112253	0.697426	-1.43384	5.17752	3.56131	0.611414	1
cg05012125	0.939083	-1.06487	0.273833	1.36218	1.36218	6.44607	7.52184	1.03723	1
cg07023532	0.968887	-1.03211	0.530484	1.09809	1.09809	13.8405	4.75345	0.305284	1
cg01839271	1.64634	1.64634	0.927862	1.01083	1.01083	13.7673	3.08423	0.199134	1
cg01691255	0.883341	-1.13207	0.00457313	0.55285	-1.80881	8.08073	3.1533	0.346867	1
cg00620857	0.499831	-2.00068	0.278684	0.890115	-1.12345	6.52907	1.1044	0.150357	1
cg20578581	0.59499	-1.6807	0.00504947	0.319777	-3.12718	16.9971	25.452	1.33105	1
cg23657782	1.22097	1.22097	0.0627758	0.462502	-2.16215	13.6399	29.3027	1.90961	1
cg00836542	0.7278	-1.374	0.30529	1.22374	1.22374	13.5887	7.78603	0.509314	1
cg01675153	1.16606	1.16606	0.72399	0.88752	-1.12673	7.86572	14.1096	1.59449	1
cg25165880	0.369555	-2.70596	0.296043	0.64279	-1.55572	6.33947	16.7025	2.34195	1
cg05786314	0.89595	-1.11613	0.356768	0.780507	-1.28122	4.705	5.09391	0.962365	1
cg26896160	1.09083	1.09083	0.0302874	1.2303	1.2303	4.2318	0.443844	0.0932292	1
cg02568911	0.917602	-1.0898	0.779512	0.973881	-1.02682	3.88431	0.547069	0.125192	1
cg24312879	0.625942	-1.59759	0.0321562	0.420075	-2.38053	7.45113	14.0963	1.68164	1
cg12082302	0.558872	-1.78932	0.0363832	0.611207	-1.63611	5.94595	3.85723	0.576636	1
cg10210448	0.899422	-1.11183	8.97E-05	0.633794	-1.5778	91.8471	6.15861	0.0596026	1
cg11346669	1.40393	1.40393	0.246528	0.851994	-1.17372	17.2535	4.77406	0.245957	1
cg11257164	1.27529	1.27529	0.0103536	1.60642	1.60642	15.8403	5.40454	0.30328	1
cg24599624	0.738227	-1.3546	0.26211	0.829834	-1.20506	15.3898	6.20225	0.358231	1
cg10375954	1.33559	1.33559	0.0347249	0.651016	-1.53606	10.9901	5.29197	0.42802	1
cg16049283	1.58773	1.58773	0.0145406	0.437061	-2.28801	10.5246	12.6025	1.06439	1
cg06834177	8.2066	8.2066	0.00333119	4.07408	4.07408	9.69818	18.9787	1.7395	1
cg13066938	1.4017	1.4017	0.896469	0.984116	-1.01614	9.51917	2.2805	0.21295	1
cg08848865	0.977817	-1.02269	0.0330485	0.812963	-1.23007	8.20446	0.896875	0.0971694	1
cg22171613	0.382874	-2.61183	0.444218	0.824252	-1.21322	7.97861	7.75899	0.864421	1
cg21220721	0.933164	-1.07162	0.190455	1.21936	1.21936	7.91906	2.56622	0.28805	1
cg18786324	0.981378	-1.01897	0.794533	1.0403	1.0403	7.47743	2.71346	0.322566	1
cg11699125	0.890462	-1.12301	0.00965097	0.314985	-3.17476	6.72385	13.2472	1.75127	1
cg11723698	0.908626	-1.10056	0.561713	0.933617	-1.0711	6.30864	1.36933	0.192939	1
cg23230478	0.90255	-1.10797	0.177618	0.714853	-1.39889	4.96812	4.31941	0.772822	1
cg03915541	0.800414	-1.24935	0.465374	0.869134	-1.15057	4.5747	2.5822	0.501736	1
cg17162028	0.648297	-1.5425	0.492915	0.885711	-1.12904	4.52425	2.17646	0.427613	1
ch.1.234734F	0.346613	-2.88506	0.167753	0.489672	-2.04218	4.40464	16.4521	3.32016	1
cg21156684	0.810258	-1.23418	0.490472	0.865556	-1.15533	4.32373	2.90974	0.598196	1
cg04309375	0.841574	-1.18825	0.79938	0.937004	-1.06723	3.42323	3.53921	0.919005	1
cg15100947	3.88199	3.88199	0.0223271	3.26156	3.26156	3.41758	10.0914	2.62471	1
cg02957924	0.515765	-1.93887	0.0709625	0.617485	-1.61947	3.39666	3.07225	0.803992	1
cg02949713	1.98466	1.98466	0.0506339	0.400704	-2.49561	4.34865	11.6121	2.37358	1
cg26205890	1.46731	1.46731	0.00634112	0.406712	-2.45874	7.55019	7.66351	0.902231	1
cg12452675	1.09697	1.09697	0.0221614	1.36177	1.36177	3.75349	0.753532	0.178449	1
cg24096680	0.207836	-4.81149	0.0671294	0.288635	-3.46458	4.56823	26.5316	5.16253	1
cg16869862	0.918375	-1.08888	0.0548156	0.627963	-1.59245	5.15405	3.72529	0.642479	1
cg06768993	0.785407	-1.27323	0.00015586	0.365982	-2.73238	61.5579	23.4974	0.3393	1
cg09133485	0.642584	-1.55622	1.91E-05	0.35986	-2.77886	34.9313	7.65256	0.194733	1
cg13676538	1.26086	1.26086	0.808474	0.978325	-1.02216	33.1217	4.27137	0.114631	1
cg03734680	0.927268	-1.07844	0.0860946	0.85876	-1.16447	28.4791	2.90744	0.0907471	1
cg02189117	0.251785	-3.97164	0.00332688	0.453194	-2.20656	16.8193	10.4444	0.55198	1
cg21330094	1.30401	1.30401	0.568998	0.89871	-1.11271	12.645	6.89372	0.484598	1
cg16330066	0.984145	-1.01611	0.155192	0.855834	-1.16845	12.5678	2.08487	0.147458	1
cg19642231	1.1434	1.1434	0.542141	0.925914	-1.08001	11.1305	2.74315	0.21907	1
cg16265557	1.07075	1.07075	0.285356	1.1613	1.1613	11.0763	3.18575	0.25566	1
cg02537800	1.14673	1.14673	5.27E-05	0.212511	-4.70564	10.9613	7.2988	0.591882	1
cg15137838	0.594956	-1.6808	0.0017456	0.291387	-3.43186	10.5231	12.7247	1.07486	1
cg03791579	0.658747	-1.51803	0.00704715	0.638509	-1.56615	10.2556	2.69453	0.233545	1
cg12026479	1.01181	1.01181	0.349191	0.843736	-1.18521	8.90164	4.38256	0.437628	1
cg02364930	0.984826	-1.01541	0.00243517	0.508778	-1.9655	6.56978	2.66905	0.361121	1
cg18845838	0.850762	-1.17542	0.247519	0.912919	-1.09539	5.9709	0.536977	0.0799399	1
cg19279265	1.11443	1.11443	0.395205	1.14254	1.14254	5.55324	2.05969	0.329687	1
cg08722675	2.25252	2.25252	0.284944	1.28844	1.28844	5.35111	4.41249	0.732971	1
cg06656551	0.803197	-1.24503	0.308478	0.889436	-1.12431	5.16115	1.00998	0.173946	1
cg22111705	0.662421	-1.50961	0.92043	1.01127	1.01127	4.83958	0.963868	0.177034	1
cg17781866	0.177317	-5.63962	0.0850655	0.333389	-2.9995	4.78098	25.2005	4.68531	1
cg21308322	1.44314	1.44314	0.0114336	0.4281	-2.3359	4.68225	5.32845	1.01156	1
cg11789530	?	?	?	?	?	6.72224	27.0795	6.04252	1
cg08206079	0.977687	-1.02282	0.105907	1.30197	1.30197	4.37954	1.54846	0.314282	1
cg17232991	0.200186	-4.99536	0.161191	0.413252	-2.41983	4.34997	24.0265	4.90968	1
cg17942382	1.20422	1.20422	0.44545	1.0703	1.0703	4.27619	0.51666	0.107398	1
cg09409168	1.04364	1.04364	0.70771	1.03288	1.03288	4.16994	0.487373	0.103891	1
cg19661030	0.067598	-14.7933	0.0898293	0.190074	-5.2611	4.13592	51.6463	11.0998	1
cg14322233	0.955293	-1.0468	0.12404	0.743396	-1.34518	4.08578	2.05102	0.446213	1
cg07423540	0.822859	-1.21527	0.100311	0.729931	-1.36999	3.88676	1.88207	0.430423	1
cg06862062	1.01269	1.01269	0.710675	1.04867	1.04867	3.68676	0.949759	0.22899	1
cg03089878	0.925209	-1.08084	0.249233	0.651982	-1.53379	3.68571	7.36401	1.77599	1
cg01428397	0.92379	-1.0825	0.958839	0.990896	-1.00919	3.62664	1.80378	0.442106	1
cg10005960	1.17385	1.17385	0.0554648	1.25943	1.25943	3.53105	0.631465	0.158962	1
cg01358784	0.937611	-1.06654	0.115161	1.29942	1.29942	3.45693	1.28005	0.329143	1
cg04780086	7.99631	7.99631	0.612717	1.19975	1.19975	23.5362	47.4477	1.79195	1
cg05826458	0.820918	-1.21815	0.273474	1.17719	1.17719	17.8698	5.79902	0.288457	1
cg04202892	5.56298	5.56298	0.882128	1.05868	1.05868	12.2754	28.7161	2.07939	1
cg17215170	1.27934	1.27934	0.259067	1.27354	1.27354	7.42971	4.96248	0.59371	1
cg09756855	0.632616	-1.58074	0.00463027	0.505421	-1.97855	27.3282	14.2003	0.461886	1
cg06861011	0.242087	-4.13074	0.00980102	0.366958	-2.72511	12.1953	18.2061	1.327	1
cg05739167	2.21475	2.21475	0.0374297	2.20609	2.20609	7.74689	13.1706	1.51121	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17947599	ACOXL;ACOXL;ACOXL	0.00608687	0.638061	0.863968	-1.15745	0.00329537	0.290689	-3.44011	0.275316	0.704524	-1.4194	0.756056	0.908311	-1.10094	0.00792841	0.34969	-2.85967	0.308478	0.722321	-1.38443	0.000200494	0.145711	-6.86291	0.216713	0.669563	-1.49351	0.105947	0.579882	-1.72449	6.90842	10.4197	1.34068	1
cg19351143	ACOXL;ACOXL;ACOXL	0.00892809	0.0411716	0.571392	-1.75011	0.00406139	0.399912	-2.50055	0.000627097	0.286725	-3.48767	0.100103	0.651776	-1.53427	0.158524	0.698997	-1.43062	0.941601	0.982744	-1.01756	0.674155	1.10569	1.10569	0.874501	1.03827	1.03827	0.0127272	0.479269	-2.08651	6.12795	5.47829	0.794653	1
cg11462499	ACOXL;ACOXL;ACOXL	0.0103506	0.0187961	0.453966	-2.20281	0.0216502	0.465355	-2.1489	0.00371215	0.337041	-2.967	0.266693	0.725389	-1.37857	0.00273531	0.317474	-3.14987	0.171722	0.667887	-1.49726	0.225136	0.702269	-1.42395	0.00189868	0.294987	-3.38999	0.109892	0.616645	-1.62168	5.84574	7.12574	1.08352	1
cg10768548	ACOXL;ACOXL;ACOXL	0.0107721	0.00241336	5.60331	5.60331	0.0150954	3.37992	3.37992	0.356787	0.679409	-1.47187	0.110144	0.491584	-2.03424	0.0750344	2.24464	2.24464	0.218922	1.69438	1.69438	0.0708611	0.439067	-2.27756	0.39902	0.703188	-1.42209	0.0382608	2.66264	2.66264	5.77129	15.203	2.34155	1
cg00325918	ACOXL;ACOXL;ACOXL	0.0109388	0.441536	0.846387	-1.18149	0.0519975	0.625114	-1.59971	0.00132122	0.370523	-2.69889	0.0215779	0.556312	-1.79755	0.00356206	0.432045	-2.31458	0.022255	0.558617	-1.79013	0.441878	1.18134	1.18134	0.0662882	0.645491	-1.54921	0.0805643	0.662404	-1.50965	5.74283	4.10779	0.635814	1
cg02424835	ACOXL;ACOXL;ACOXL	0.0163569	0.250067	1.6526	1.6526	0.515449	0.7591	-1.31735	0.00604803	0.223454	-4.47519	0.479238	0.740362	-1.35069	0.840763	0.919361	-1.08771	0.0589716	0.410131	-2.43824	0.0011694	0.136488	-7.32665	0.0350625	0.358336	-2.79068	0.709593	0.855266	-1.16923	5.03388	13.9258	2.45904	1
cg15605172	ACOXL;ACOXL;ACOXL	0.0221255	0.815717	0.945186	-1.05799	0.471827	0.838006	-1.19331	0.794627	0.93895	-1.06502	0.97928	0.993748	-1.00629	0.000544869	0.273207	-3.66023	0.734838	0.921189	-1.08555	0.0873255	1.57745	1.57745	0.112853	0.659196	-1.517	0.163096	0.698033	-1.4326	4.54506	4.19736	0.820889	1
cg14667175	ACOXL;ACOXL;ACOXL	0.0261082	0.267637	0.699376	-1.42985	0.319679	0.727297	-1.37495	0.00644632	0.333877	-2.99512	0.28853	0.710936	-1.4066	0.0993189	0.571538	-1.74966	0.852488	0.943991	-1.05933	0.00138255	0.237889	-4.20363	0.0290883	0.450935	-2.21761	0.186439	0.648107	-1.54295	4.29184	6.51733	1.34981	1
cg27226618	ACP1;ACP1;ACP1;ACP1	0.00717698	0.566916	0.774335	-1.29143	0.0555227	0.383326	-2.60875	0.0161553	0.272432	-3.67064	0.179944	1.87625	1.87625	0.188318	0.540122	-1.85143	0.179389	0.532497	-1.87795	0.000218622	0.0656637	-15.2291	0.108193	0.460977	-2.16931	0.0334499	0.333531	-2.99822	6.56377	20.2977	2.74878	1
cg26398848	ACP1;ACP1;SH3YL1;ACP1;SH3YL1;ACP1	0.0220551	0.037292	3.04342	3.04342	0.214271	1.82582	1.82582	0.0357677	3.08002	3.08002	0.147839	2.04398	2.04398	0.244154	0.570617	-1.75249	0.22399	1.80072	1.80072	0.311126	1.62013	1.62013	0.0018184	7.69714	7.69714	0.0122558	4.20635	4.20635	4.55004	15.2774	2.98458	1
cg13354988	ACP1;ACP1;SH3YL1;ACP1;SH3YL1;ACP1	0.047051	0.0222302	24.4533	24.4533	0.273353	3.77975	3.77975	0.0265172	21.4907	21.4907	0.272456	3.78993	3.78993	0.693958	0.630473	-1.58611	0.866086	1.21758	1.21758	0.0141117	34.2417	34.2417	0.0113708	40.2808	40.2808	0.107072	7.78263	7.78263	3.467	74.7061	19.1536	1
cg10181419	ACP1;SH3YL1;SH3YL1;ACP1;ACP1;ACP1	0.000405638	0.0914286	0.623063	-1.60497	0.419104	0.810479	-1.23384	2.86E-05	8.10321	8.10321	0.390354	0.799293	-1.25111	0.0522663	0.570139	-1.75396	0.00710366	0.41264	-2.42342	0.00578997	0.398476	-2.50956	0.00631646	2.47239	2.47239	0.770954	1.07713	1.07713	15.1416	15.5357	0.912021	1
cg20749741	ACP1;SH3YL1;SH3YL1;ACP1;ACP1;ACP1	0.00168894	0.130452	0.647348	-1.54476	0.173469	1.47051	1.47051	0.000246684	5.01256	5.01256	0.0181409	0.46584	-2.14666	0.0164833	0.458346	-2.18176	0.0556854	0.56142	-1.7812	0.289025	0.745994	-1.34049	0.089721	1.64553	1.64553	0.00999876	0.420664	-2.37719	10.1269	11.37	0.998001	1
cg25945732	ACP1;SH3YL1;SH3YL1;ACP1;ACP1;ACP1	0.00660117	0.092881	0.45042	-2.22015	0.708567	1.17583	1.17583	0.0568887	2.53348	2.53348	0.84922	0.921177	-1.08557	0.000273181	0.0763415	-13.099	0.181678	1.84338	1.84338	0.0714298	2.38331	2.38331	0.367153	1.49129	1.49129	0.466805	1.37635	1.37635	6.73699	19.8559	2.61982	1
cg03468349	ACP1;SH3YL1;SH3YL1;ACP1;ACP1;ACP1	0.00972579	0.159001	1.61413	1.61413	0.76444	0.908841	-1.1003	0.000135608	8.17612	8.17612	0.518252	1.23161	1.23161	0.296672	0.70882	-1.4108	0.79006	1.08858	1.08858	0.4674	0.790414	-1.26516	0.822736	1.07398	1.07398	0.931978	1.02753	1.02753	5.96336	9.55477	1.42422	1
cg20969221	ACP2	0.00444575	0.000327489	0.15986	-6.25548	0.405484	1.30844	1.30844	0.149575	1.62912	1.62912	0.823048	0.931697	-1.07331	0.00167618	0.241921	-4.13358	0.0658804	0.521085	-1.91907	0.708078	0.887975	-1.12616	0.549003	1.2111	1.2111	0.0724635	0.530945	-1.88343	7.60565	12.0184	1.40461	1
cg18843836	ACP2	0.0332404	0.160928	0.769454	-1.29962	0.433394	1.15017	1.15017	0.105125	0.733518	-1.36329	0.409708	1.159	1.159	0.0984525	0.72822	-1.37321	0.386671	1.16801	1.16801	0.00332395	2.01297	2.01297	0.425608	1.15302	1.15302	0.137288	0.755707	-1.32326	3.93976	1.91116	0.431195	1
cg00481884	ACP5;ACP5;ACP5;ACP5	6.52E-05	0.000170932	2.86503	2.86503	0.00252924	1.99502	1.99502	0.0131082	1.66017	1.66017	0.0279623	1.53394	1.53394	0.0480417	1.45112	1.45112	0.00160768	2.10722	2.10722	2.57E-06	6.49331	6.49331	4.85E-05	3.52257	3.52257	0.00106497	2.21887	2.21887	24.8176	10.6699	0.382164	1
cg14188508	ACP5;ACP5;ACP5;ACP5	0.000283819	0.560328	0.885029	-1.12991	0.0497363	1.59082	1.59082	0.252424	0.780397	-1.2814	0.578575	0.890139	-1.12342	9.76E-06	0.139061	-7.19109	0.000889174	0.356104	-2.80817	0.298722	0.799795	-1.25032	0.0635553	0.648786	-1.54134	0.000539011	0.327483	-3.0536	16.7015	11.3788	0.605604	1
cg03719155	ACP5;ACP5;ACP5;ACP5	0.000621312	0.0457965	1.83503	1.83503	0.00134226	3.44007	3.44007	0.0285064	1.98437	1.98437	0.957523	1.01422	1.01422	0.0186111	2.13062	2.13062	0.00671134	2.53996	2.53996	1.73E-05	10.3209	10.3209	0.00146602	3.37979	3.37979	0.0454409	1.83738	1.83738	13.4522	14.9773	0.989663	1
cg03302259	ACP5;ACP5;ACP5;ACP5	0.0133601	0.0476913	2.97644	2.97644	0.0511922	2.91404	2.91404	0.25646	1.76923	1.76923	0.760041	1.159	1.159	0.0329583	3.32469	3.32469	0.0189075	3.93287	3.93287	0.000769902	11.6231	11.6231	0.00652487	5.48786	5.48786	0.182457	1.97694	1.97694	5.38185	19.7763	3.26634	1
cg10644885	ACP5;ACP5;ACP5;ACP5	0.0136452	0.56408	1.17739	1.17739	0.944094	0.980551	-1.01983	0.34391	0.761062	-1.31395	0.516696	1.20217	1.20217	0.00389381	0.336715	-2.96987	0.0216551	2.16442	2.16442	0.00391172	0.337015	-2.96722	0.0820462	0.582998	-1.71527	0.959507	0.985882	-1.01432	5.34474	6.63888	1.10412	1
cg01602621	ACP5;ACP5;ACP5;ACP5	0.0154466	0.0351627	7.81411	7.81411	0.0458948	6.80203	6.80203	0.11798	4.14655	4.14655	0.0871015	4.86901	4.86901	0.0327162	8.11378	8.11378	0.0156627	11.9677	11.9677	0.00240822	34.528	34.528	0.00458906	23.6061	23.6061	0.0207007	10.3184	10.3184	5.13061	57.0425	9.88273	1
cg07967308	ACP5;ACP5;ACP5;ACP5	0.0283464	0.0338882	0.386814	-2.58522	0.324128	0.676715	-1.47773	0.00475882	0.23753	-4.21	0.950934	1.02388	1.02388	0.00493868	0.239853	-4.16922	0.729308	0.875275	-1.1425	0.018054	0.332394	-3.00847	0.690658	0.857787	-1.16579	0.138028	0.542033	-1.84491	4.16967	9.71159	2.07031	1
cg26570683	ACP5;ACP5;ACP5;ACP5	0.0351247	0.101062	2.13386	2.13386	0.151012	1.91466	1.91466	0.167565	1.8606	1.8606	0.653164	1.21037	1.21037	0.0303025	2.92957	2.92957	0.035254	2.81522	2.81522	0.00190621	6.39923	6.39923	0.0353924	2.81232	2.81232	0.0822676	2.25358	2.25358	3.86216	10.8975	2.5081	1
cg02874942	ACP5;ACP5;ACP5;ACP5	0.0468432	0.0460652	11.5607	11.5607	0.0485093	11.1702	11.1702	0.147218	5.28763	5.28763	0.0888138	7.46142	7.46142	0.10825	6.52816	6.52816	0.306864	3.10389	3.10389	0.00473329	55.5596	55.5596	0.0321101	14.701	14.701	0.0239927	17.8698	17.8698	3.47278	63.0554	16.1396	1
cg27002699	ACP5;ACP5;ACP5;ACP5;ACP5	0.00422728	0.00266099	2.29581	2.29581	0.0137957	1.81694	1.81694	0.00994188	1.89858	1.89858	0.00943868	1.91205	1.91205	0.00112858	2.63526	2.63526	0.825377	1.0428	1.0428	0.00108811	2.65156	2.65156	0.434843	1.16364	1.16364	0.0119893	1.85123	1.85123	9.00406	5.01945	0.433584	1
cg00487737	ACP5;ACP5;ACP5;ACP5;ACP5;ACP5	0.0117633	0.0326074	4.98462	4.98462	0.048975	4.2373	4.2373	0.113234	3.02576	3.02576	0.181571	2.48664	2.48664	0.139094	2.78052	2.78052	0.149793	2.69624	2.69624	0.000369853	38.8992	38.8992	0.00983761	8.13241	8.13241	0.0289248	5.22992	5.22992	5.60961	36.6567	5.80855	1
cg04566159	ACP5;ACP5;ACP5;ACP5;ACP5;ACP5	0.02533	0.0266843	7.26595	7.26595	0.0368888	6.23778	6.23778	0.104007	3.82825	3.82825	0.14592	3.25102	3.25102	0.313152	2.19871	2.19871	0.111927	3.69614	3.69614	0.00141743	32.7197	32.7197	0.0160019	9.27255	9.27255	0.0520092	5.30936	5.30936	4.33739	39.1796	8.02932	1
cg09264377	ACP6	5.47E-05	0.0130875	1.41484	1.41484	0.00989707	1.44404	1.44404	0.00636402	0.670044	-1.49244	0.000638076	0.553633	-1.80625	0.00013616	0.475012	-2.10521	0.00205703	1.63155	1.63155	0.000289217	0.513398	-1.94781	0.878367	0.982881	-1.01742	4.62E-05	0.420004	-2.38093	26.0023	5.23526	0.178968	1
cg19693476	ACP6	0.00213877	0.86483	0.97675	-1.0238	0.00140457	1.89393	1.89393	0.0912785	1.29278	1.29278	0.117859	1.26425	1.26425	0.726483	1.04969	1.04969	0.0189057	0.67534	-1.48074	0.00151431	0.532151	-1.87917	0.574579	0.924679	-1.08146	0.00340975	1.73236	1.73236	9.45501	2.85485	0.268392	1
cg05755010	ACP6	0.00563835	0.0198151	0.372703	-2.6831	0.000293926	0.126244	-7.92116	0.0632279	0.48048	-2.08125	0.114713	0.547814	-1.82544	0.171375	0.599952	-1.6668	?	?	?	?	?	?	0.176381	0.603955	-1.65575	0.18836	1.63068	1.63068	7.41243	11.2386	1.73278	1
cg22402043	ACP6	0.0215171	0.200938	1.38536	1.38536	0.203578	0.723357	-1.38244	0.000894851	0.301138	-3.32073	0.0284338	0.535721	-1.86664	0.0999275	0.647223	-1.54506	0.464463	1.19683	1.19683	0.87335	1.03925	1.03925	0.888556	1.03442	1.03442	0.443038	0.828	-1.20773	4.58871	4.2325	0.819886	1
cg15636040	ACP6	0.0310397	0.57816	0.9358	-1.0686	0.980883	0.997174	-1.00283	0.0107583	1.46013	1.46013	0.902906	1.01452	1.01452	0.0238577	1.37504	1.37504	0.211025	1.16843	1.16843	0.00828699	0.671174	-1.48993	0.79328	0.969454	-1.03151	0.508064	1.08254	1.08254	4.03758	0.892236	0.196429	1
cg24187645	ACPL2;ACPL2	4.34E-06	1.26E-06	0.15683	-6.37635	0.216658	0.824274	-1.21319	0.000282774	0.413974	-2.41561	2.78E-05	0.293253	-3.41003	5.89E-05	0.331077	-3.02045	0.133715	1.27181	1.27181	7.96E-07	0.139786	-7.15378	0.0514243	0.719171	-1.39049	2.75E-05	0.29266	-3.41694	50.3422	17.6187	0.311093	1
cg16523868	ACPL2;ACPL2	0.00273978	0.108077	0.71745	-1.39382	0.417821	1.16977	1.16977	0.0243798	1.66209	1.66209	0.000954848	2.54025	2.54025	0.239108	1.26301	1.26301	0.215183	1.2803	1.2803	0.514901	1.13323	1.13323	0.00146971	2.38585	2.38585	0.00535426	0.499224	-2.00311	8.79132	4.99441	0.504984	1
cg22893494	ACPL2;ACPL2	0.00808718	0.00669815	0.327604	-3.05246	0.0444783	0.480831	-2.07973	0.130025	0.595168	-1.6802	0.111525	1.73322	1.73322	0.0756094	0.5339	-1.87301	0.0108901	0.362662	-2.75739	0.00426802	0.297266	-3.36399	0.278249	0.699252	-1.4301	0.0028602	0.271943	-3.67723	6.32254	10.0815	1.41736	1
cg02527459	ACPL2;ACPL2	0.0119917	?	?	?	0.674861	1.20055	1.20055	0.472363	1.37256	1.37256	0.0212718	3.31802	3.31802	0.0315775	0.335515	-2.98049	0.157785	1.92384	1.92384	0.00138275	0.134122	-7.45588	0.903434	0.948776	-1.05399	0.632061	0.811395	-1.23245	5.68384	15.0182	2.64227	1
cg24295125	ACPL2;ACPL2	0.0185523	0.563225	1.12165	1.12165	0.660159	1.0908	1.0908	0.0254563	1.68475	1.68475	0.0311086	1.64376	1.64376	0.50995	1.1403	1.1403	0.0581008	1.52304	1.52304	0.00279586	0.445171	-2.24633	0.409296	1.18029	1.18029	0.289584	0.805802	-1.241	4.82576	2.9489	0.543178	1
cg17298862	ACPL2;ACPL2	0.0193625	0.0271803	0.759899	-1.31596	0.0293807	1.30926	1.30926	0.0766508	1.22974	1.22974	0.607008	0.946972	-1.056	0.575271	0.942282	-1.06125	0.0078923	0.699154	-1.4303	0.0832323	1.22311	1.22311	0.99119	1.00116	1.00116	0.107511	1.20258	1.20258	4.75655	0.830843	0.155265	1
cg16418163	ACPL2;ACPL2	0.0234621	0.0655793	3.81411	3.81411	?	?	?	0.0547776	0.243852	-4.10085	0.77632	0.831494	-1.20266	0.0671063	0.26463	-3.77886	?	?	?	0.815677	0.859616	-1.16331	0.127635	0.343992	-2.90705	0.00354492	0.0772745	-12.9409	4.63145	23.9424	5.90802	1
cg01335127	ACPL2;ACPL2	0.0311202	0.13223	0.451361	-2.21552	0.00103636	0.0926506	-10.7932	0.13181	0.450909	-2.21774	0.534798	1.36042	1.36042	0.0460357	0.326439	-3.06335	0.104336	0.419209	-2.38544	0.0579444	0.350095	-2.85637	0.602312	0.773042	-1.29359	0.535117	0.735249	-1.36008	4.03386	15.3174	3.37529	1
cg21128940	ACPP	0.0336755	0.018893	0.167058	-5.98596	0.612314	0.724978	-1.37935	0.159643	0.388411	-2.5746	0.0125167	0.141567	-7.06381	0.0482522	0.241595	-4.13915	0.0116895	0.137683	-7.26305	0.0128839	0.143237	-6.98143	0.0838587	0.300019	-3.33312	0.0512903	0.247429	-4.04156	3.92137	24.5972	5.57564	1
cg19541865	ACPP;ACPP	2.34E-05	2.14E-06	0.0732555	-13.6509	0.000514259	0.295831	-3.3803	0.00688189	0.455622	-2.1948	0.0100195	0.481733	-2.07584	9.75E-06	0.117966	-8.477	5.65E-05	0.186297	-5.36778	0.000103246	0.21366	-4.68034	0.00496384	0.433587	-2.30636	0.000300313	0.266854	-3.74736	32.5139	25.992	0.710588	1
cg25769412	ACPP;ACPP	0.00270258	0.172419	0.678609	-1.4736	0.0241405	0.487807	-2.04999	0.000676747	0.249767	-4.00373	0.00521259	0.373772	-2.67543	0.000705566	0.252021	-3.96792	0.0516461	0.553594	-1.80638	0.00211922	0.315594	-3.16863	0.147	0.660015	-1.51512	0.0038467	0.353479	-2.82902	8.8269	9.96376	1.00337	1
cg05409131	ACPP;ACPP	0.0293746	0.15769	0.702142	-1.42421	0.0643709	0.614824	-1.62648	0.871886	0.962928	-1.0385	0.248173	0.753837	-1.32655	0.225106	0.742134	-1.34747	0.726315	0.921035	-1.08574	0.528374	0.861122	-1.16128	0.000469236	0.276141	-3.62134	0.190479	0.722879	-1.38336	4.11748	3.57293	0.771329	1
cg03708254	ACPT	6.36E-05	0.0595731	0.812032	-1.23148	6.33E-07	0.263089	-3.801	0.120638	0.848028	-1.17921	0.465681	0.929877	-1.07541	0.00564015	0.700656	-1.42723	0.288025	0.897611	-1.11407	0.000494213	0.586186	-1.70594	0.0109412	0.731445	-1.36716	0.287921	0.897589	-1.1141	24.9823	3.79422	0.135001	1
cg15782391	ACPT	0.000658826	0.00709191	0.219473	-4.55637	0.000162728	0.0605133	-16.5253	0.0142183	0.267549	-3.73764	0.185997	0.542668	-1.84275	0.000132888	0.055674	-17.9617	0.000685618	0.10429	-9.58863	0.964738	0.980913	-1.01946	0.00323855	0.173666	-5.75817	0.0067168	0.216028	-4.62904	13.2336	39.829	2.67527	1
cg05239360	ACPT	0.0341782	0.0176609	0.255664	-3.91138	0.0134169	0.235307	-4.24978	0.10287	0.430297	-2.32397	0.713557	1.19033	1.19033	0.0387409	0.32268	-3.09905	0.0974918	0.423461	-2.36149	0.00866987	0.205752	-4.86023	0.046199	0.339796	-2.94294	0.096671	0.422396	-2.36745	3.90048	13.7954	3.14386	1
cg22277847	ACPT	0.0401654	0.0544952	0.321074	-3.11454	0.232433	0.520945	-1.91959	0.257772	0.54065	-1.84962	0.778331	1.15831	1.15831	0.0102146	0.185191	-5.39982	0.32698	0.590391	-1.69379	0.00439597	0.130015	-7.24556	0.020961	0.235389	-4.24828	0.460264	0.676041	-1.4792	3.67754	15.795	3.81777	1
cg14582544	ACPT	0.0433831	0.125119	0.324625	-3.08048	0.0165579	0.137535	-7.2709	0.395781	0.554656	-1.80292	0.423345	1.7406	1.7406	0.0181644	0.143131	-6.9866	0.533754	0.652365	-1.53288	0.00503667	0.0809275	-12.3567	0.908234	1.08128	1.08128	0.297089	0.480629	-2.08061	3.57403	26.0011	6.46666	1
cg26034629	ACR	0.0148249	0.0754592	1.62915	1.62915	0.00353234	0.377067	-2.65205	0.084127	1.60206	1.60206	0.00772654	0.430033	-2.3254	0.694867	0.907354	-1.10211	0.508949	1.17967	1.17967	0.326447	1.28384	1.28384	0.596831	0.876647	-1.14071	0.0734931	0.611326	-1.63579	5.20084	5.00974	0.856227	1
cg25232725	ACR	0.0373226	0.0195683	0.670606	-1.49119	0.820047	1.0328	1.0328	0.256578	0.845591	-1.18261	0.0190397	0.668962	-1.49485	0.111492	0.782294	-1.27829	0.68076	0.94309	-1.06034	0.0133352	1.54374	1.54374	0.72577	0.951346	-1.05114	0.238059	0.839422	-1.1913	3.77788	1.20029	0.282412	1
cg00014837	ACRBP	0.00612905	0.221339	0.766395	-1.30481	0.324276	0.810031	-1.23452	0.395802	1.19719	1.19719	0.427622	1.18249	1.18249	0.000354785	0.305144	-3.27714	0.745096	1.06985	1.06985	0.0014022	0.383831	-2.60531	0.530503	0.876777	-1.14054	0.114058	0.700629	-1.42729	6.89369	4.67656	0.603006	1
cg13295812	ACRBP	0.0121918	0.0600676	0.780723	-1.28086	0.189525	1.17607	1.17607	0.0056436	1.5279	1.5279	0.922813	0.988754	-1.01137	0.0327384	1.3385	1.3385	0.426777	0.909649	-1.09933	0.0606497	1.27997	1.27997	0.00238994	1.63879	1.63879	0.841018	1.02372	1.02372	5.54488	1.196	0.191728	1
cg23983517	ACRBP	0.0282569	0.317615	1.80977	1.80977	0.00710816	7.36556	7.36556	0.0449374	3.74911	3.74911	0.0664506	3.2607	3.2607	0.011284	6.18647	6.18647	0.234901	2.04405	2.04405	0.256682	0.506703	-1.97354	0.037179	4.01142	4.01142	0.0318649	4.23888	4.23888	4.17433	21.8003	4.6422	1
cg24392132	ACRBP	0.0383906	0.251711	0.658518	-1.51856	0.2653	0.666971	-1.49932	0.165348	0.596752	-1.67574	0.138069	0.57287	-1.7456	0.0128549	0.340349	-2.93816	0.00873161	0.311725	-3.20796	0.00588193	0.284369	-3.51656	0.748161	0.8937	-1.11894	0.0443876	0.446839	-2.23794	3.73911	7.20795	1.71353	1
cg12216208	ACRBP	0.0452203	0.150753	4.25791	4.25791	0.0362534	9.88073	9.88073	0.184295	3.76175	3.76175	0.0806766	6.18723	6.18723	0.0587658	7.45057	7.45057	0.159723	4.10986	4.10986	0.0724777	0.151758	-6.58946	0.0174923	15.1945	15.1945	0.0644605	7.05811	7.05811	3.51908	49.3277	12.4597	1
cg09655938	ACRC;BCYRN1	0.000863804	0.136264	0.727296	-1.37496	0.0129557	0.542382	-1.84372	0.00969107	0.522484	-1.91393	0.00130895	0.395306	-2.52969	4.60E-05	0.217243	-4.60313	0.0767556	0.676757	-1.47763	0.0749917	0.674811	-1.4819	0.0400546	1.60106	1.60106	0.00799534	0.509533	-1.96258	12.264	7.64231	0.55391	1
cg13445089	ACRC;BCYRN1	0.00182592	0.472853	0.855348	-1.16911	0.0337738	0.588321	-1.69975	0.00137283	0.370264	-2.70077	0.00575385	0.46093	-2.16953	0.000183414	0.258418	-3.8697	0.0621145	1.56746	1.56746	0.17127	1.36578	1.36578	0.56767	0.883721	-1.13158	0.547413	0.877842	-1.13916	9.90062	7.18089	0.644709	1
cg11896316	ACRC;BCYRN1	0.00988122	0.473181	1.24042	1.24042	0.00109067	0.240973	-4.14984	0.017207	0.424346	-2.35657	0.109102	0.596912	-1.67529	0.0277836	0.463921	-2.15554	0.955319	1.01668	1.01668	0.0361291	2.05374	2.05374	0.371802	1.31101	1.31101	0.843967	0.943467	-1.05992	5.93324	8.19513	1.22775	1
cg25275876	ACRC;BCYRN1	0.014028	0.215258	1.51074	1.51074	0.0169734	0.398157	-2.51157	0.0564324	0.504995	-1.98022	0.217998	0.66372	-1.50666	0.00485488	0.306864	-3.25877	0.168721	1.59023	1.59023	0.135886	1.66253	1.66253	0.232235	1.48629	1.48629	0.0766926	1.86411	1.86411	5.29641	8.39287	1.40856	1
cg14517340	ACRC;BCYRN1	0.0155893	0.0841279	0.609372	-1.64103	0.160963	0.679815	-1.47099	0.0797977	0.604023	-1.65557	0.0610489	0.57764	-1.73118	0.00133951	0.282149	-3.54423	0.150364	0.671941	-1.48823	0.00494258	0.37	-2.7027	0.0153741	0.456466	-2.19074	0.00912121	0.415435	-2.40712	5.73972	5.79286	0.784979	1
cg27130774	ACRC;BCYRN1	0.0208145	0.453294	0.873313	-1.14506	0.000608748	0.391949	-2.55135	0.586241	1.10236	1.10236	0.609753	1.09558	1.09558	0.266863	0.814554	-1.22767	0.0636812	1.44724	1.44724	0.836363	1.03735	1.03735	0.409457	0.86107	-1.16135	0.197093	0.78522	-1.27353	4.64106	2.31099	0.442616	1
cg25251019	ACRC;BCYRN1	0.0307016	0.566131	1.1447	1.1447	0.908778	1.02707	1.02707	0.0385339	0.572073	-1.74803	0.683321	1.10028	1.10028	0.00549154	0.427127	-2.34122	0.986916	0.996186	-1.00383	0.0120295	2.07469	2.07469	0.268087	1.30839	1.30839	0.733069	1.08303	1.08303	4.05337	3.48543	0.76434	1
cg09588284	ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1	0.0171534	0.452167	0.655193	-1.52627	0.0228469	0.222364	-4.49712	0.927495	0.950998	-1.05153	0.0779088	0.339098	-2.949	0.0424788	0.27535	-3.63174	0.00503367	0.128984	-7.7529	0.00289978	0.104342	-9.5839	0.615169	0.755925	-1.32288	0.00990955	0.165533	-6.04108	4.95456	23.9128	4.29016	1
cg07665222	ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;ACRV1	0.0188912	0.0277698	0.255453	-3.91461	0.0203754	0.230665	-4.33529	0.0148407	0.20753	-4.81858	0.73178	0.834836	-1.19784	0.0151903	0.209158	-4.78108	0.960522	0.974364	-1.02631	0.00218974	0.10497	-9.52649	0.249899	0.532117	-1.87929	0.0450464	0.299191	-3.34234	4.79636	20.9116	3.87547	1
cg27121267	ACRV1;ACRV1;ACRV1;ACRV1;ACRV1;CHEK1;ACRV1;ACRV1;ACRV1;ACRV1	0.000560334	9.06E-05	0.0674208	-14.8322	0.448044	1.34708	1.34708	0.00434266	0.230249	-4.34313	0.554165	0.794087	-1.25931	0.00182491	0.181428	-5.51183	0.0841105	0.478832	-2.08841	0.000115925	0.0740105	-13.5116	0.577348	1.24225	1.24225	0.0106761	0.290339	-3.44425	13.8452	32.5571	2.09023	1
cg05399703	ACSBG1	0.00968629	0.00349626	0.187153	-5.34322	0.00962348	0.250027	-3.99956	0.016142	0.287953	-3.47279	0.320093	0.647549	-1.54428	0.022442	0.314522	-3.17943	0.0991403	0.4655	-2.14823	0.00132543	0.138759	-7.20674	0.282209	0.623337	-1.60427	0.0152419	0.283527	-3.527	5.97111	16.9189	2.51863	1
cg27257408	ACSBG1	0.0163308	0.00563613	0.222708	-4.49019	0.0526961	0.402343	-2.48544	0.0632414	0.421646	-2.37166	0.380937	0.689698	-1.44991	0.208067	0.577709	-1.73098	0.86998	0.934524	-1.07006	0.000858389	0.126259	-7.92025	0.184255	0.558656	-1.79001	0.0243056	0.329644	-3.03358	5.03657	13.631	2.4057	1
cg27087809	ACSBG1	0.0362278	0.00523144	0.114985	-8.6968	0.212217	0.462305	-2.16308	0.195633	0.447722	-2.23355	0.144551	0.39844	-2.50979	0.0346239	0.235413	-4.24786	0.0653103	0.296751	-3.36983	0.00746262	0.132295	-7.55888	0.177877	0.431428	-2.31788	0.0215479	0.197754	-5.05679	3.81907	20.8526	4.85343	1
cg13642872	ACSBG1	0.0448653	0.0477071	0.245242	-4.07761	0.00443666	0.0947302	-10.5563	0.0409771	0.231278	-4.3238	0.823601	0.870584	-1.14865	0.0556014	0.260153	-3.84389	0.243099	0.468496	-2.13449	0.0201423	0.17554	-5.6967	0.184548	0.41743	-2.39561	0.0643741	0.275285	-3.6326	3.52948	21.5397	5.4247	1
cg18660278	ACSBG2	0.000354114	0.00411106	0.533207	-1.87544	0.0240202	1.55238	1.55238	0.929762	0.9857	-1.01451	0.00143085	0.470777	-2.12415	0.00273016	0.508711	-1.96575	0.0435414	0.684426	-1.46108	0.00449968	1.85644	1.85644	0.000407578	2.50321	2.50321	0.0116917	0.597677	-1.67314	15.7187	6.64443	0.375741	1
cg13996999	ACSBG2	0.00980717	0.911778	0.961031	-1.04055	0.786407	0.907182	-1.10231	0.307033	0.684377	-1.46118	0.00150997	5.15165	5.15165	0.0300917	0.400575	-2.49641	0.0693274	0.482527	-2.07242	0.00564482	0.271812	-3.67902	0.54846	1.2433	1.2433	0.521474	0.792121	-1.26243	5.94751	12.1158	1.81077	1
cg27274989	ACSBG2	0.0182395	0.0115185	0.26311	-3.80069	0.00417207	5.06305	5.06305	0.1202	2.03843	2.03843	0.739037	0.868272	-1.15171	0.158946	0.529356	-1.88909	0.525863	0.762182	-1.31202	0.368479	1.47737	1.47737	0.0320392	2.88988	2.88988	0.956366	0.977148	-1.02339	4.85349	13.7214	2.51299	1
cg03658337	ACSBG2	0.0208711	0.0314711	0.276789	-3.61285	0.0411649	3.31819	3.31819	0.244424	0.537953	-1.8589	0.690939	1.22564	1.22564	0.01122	0.198368	-5.04114	0.247069	0.539989	-1.85189	0.0125636	0.205898	-4.85678	0.437595	0.668211	-1.49653	0.0191112	0.235993	-4.23742	4.63677	19.0358	3.64924	1
cg27499185	ACSBG2	0.0362921	0.0174592	0.271247	-3.68668	0.161052	0.509147	-1.96407	0.0120824	0.243882	-4.10034	0.0425538	0.34889	-2.86623	0.0201393	0.282542	-3.5393	0.120298	0.467729	-2.13799	0.00772774	0.213747	-4.67843	0.699577	0.839583	-1.19107	0.351657	0.649068	-1.54067	3.81661	12.2908	2.86253	1
cg18084923	ACSBG2	0.0387424	0.672636	0.923409	-1.08294	0.0984634	0.711943	-1.40461	0.363333	0.839322	-1.19144	0.0108535	0.548949	-1.82166	0.261745	0.802983	-1.24536	0.0147861	0.56986	-1.75482	0.0509244	1.51729	1.51729	0.196964	0.774333	-1.29143	0.0651526	0.678267	-1.47435	3.72663	2.0748	0.494889	1
cg06520003	ACSF2	0.00531856	0.0106931	0.526092	-1.90081	0.0203267	0.571248	-1.75055	0.132939	0.722867	-1.38338	0.0891664	1.45535	1.45535	0.745721	0.93694	-1.0673	0.0578039	1.53631	1.53631	0.394994	0.839967	-1.19052	0.001075	2.62973	2.62973	0.199247	0.76222	-1.31196	7.20127	4.57037	0.564143	1
cg04843775	ACSF2	0.00541609	0.0145766	0.712334	-1.40384	0.0491006	0.776257	-1.28823	0.00156958	0.599242	-1.66878	0.0404241	0.76576	-1.30589	0.221916	1.15574	1.15574	0.0226673	0.735191	-1.36019	0.665444	0.952132	-1.05027	0.667587	1.04992	1.04992	0.00984088	1.44464	1.44464	7.16127	1.14181	0.178963	1
cg14767768	ACSF2	0.0146121	0.11323	0.743041	-1.34582	0.307463	0.833573	-1.19966	0.0200835	0.616758	-1.62138	0.824672	0.96249	-1.03897	0.0431458	0.518148	-1.92995	0.332813	1.18785	1.18785	0.00642124	1.84207	1.84207	0.266296	0.819075	-1.22089	0.269286	0.820178	-1.21925	5.22573	4.25728	0.41798	1
cg18038894	ACSF2	0.0154289	0.0279068	0.385516	-2.59392	0.615144	0.830289	-1.2044	0.0268489	0.382111	-2.61704	0.00333039	0.230813	-4.33252	0.00233857	0.210411	-4.75261	0.0276444	0.384682	-2.59955	0.0521802	0.444726	-2.24858	0.316433	0.683865	-1.46228	0.0359988	0.408645	-2.44711	5.13256	10.942	1.895	1
cg02516388	ACSF2	0.0313142	0.222695	1.41809	1.41809	0.330763	1.31465	1.31465	0.7441	1.0934	1.0934	0.220625	1.42054	1.42054	0.628997	0.875717	-1.14192	0.0502899	0.544273	-1.83731	0.00210453	0.30758	-3.25119	0.508615	0.832939	-1.20057	0.169093	1.4909	1.4909	4.02492	4.73707	1.04616	1
cg19748341	ACSF2	0.045807	0.0168871	0.481999	-2.07469	0.0273073	0.519998	-1.92308	0.0190681	0.491393	-2.03503	0.546157	1.16525	1.16525	0.0983721	0.63515	-1.57443	0.543259	0.857211	-1.16657	0.0493339	0.570217	-1.75372	0.0275768	0.520799	-1.92013	0.108329	0.644918	-1.55059	3.5021	3.47763	0.882674	1
cg06958829	ACSF2;CHAD	5.00E-05	0.0254507	0.573679	-1.74314	0.000970489	2.79354	2.79354	0.853203	1.03952	1.03952	0.00838322	2.02328	2.02328	0.0025799	0.417218	-2.39683	0.00171956	2.55008	2.55008	7.71E-05	4.47364	4.47364	0.00284525	2.36197	2.36197	8.05E-06	7.71114	7.71114	26.6172	18.4572	0.616384	1
cg25792518	ACSF2;CHAD	0.000260463	0.0250822	0.226715	-4.41082	6.97E-05	57.089	57.089	0.361093	1.68683	1.68683	0.0178436	4.9713	4.9713	0.00348856	0.109991	-9.09161	0.125531	2.51762	2.51762	0.00108078	14.696	14.696	0.000751438	17.2343	17.2343	0.00372493	8.86244	8.86244	17.0978	83.9848	4.36626	1
cg15506894	ACSF2;CHAD	0.000664245	0.0172581	0.262218	-3.81362	0.000339783	14.3499	14.3499	0.115993	2.19969	2.19969	0.0367969	3.06261	3.06261	0.00396123	0.16728	-5.978	0.0366593	3.06591	3.06591	0.00419036	8.25349	8.25349	0.00474478	5.64318	5.64318	0.0108013	4.38323	4.38323	13.2033	44.5276	2.99773	1
cg05346527	ACSF2;CHAD	0.00540173	0.403589	1.24165	1.24165	0.147622	0.674737	-1.48206	0.0156659	0.472267	-2.11745	0.000468632	0.248455	-4.02487	0.0020256	0.332089	-3.01124	0.812023	0.941452	-1.06219	0.0572981	0.580087	-1.72388	0.25527	1.35091	1.35091	0.563953	0.862675	-1.15919	7.1671	7.27946	0.902824	1
cg17890928	ACSF2;CHAD;CHAD	0.000663196	0.380853	0.769453	-1.29962	0.00163633	3.72539	3.72539	0.00812302	2.68596	2.68596	0.120448	0.611958	-1.6341	0.177541	0.658489	-1.51863	0.513676	0.824347	-1.21308	0.025728	0.461941	-2.16478	0.364943	1.31183	1.31183	4.57E-05	9.45559	9.45559	13.2092	17.7844	1.19677	1
cg00316478	ACSF3	0.000283129	0.00117258	0.301436	-3.31746	0.00667759	0.412298	-2.42543	0.163997	1.45341	1.45341	0.6142	1.13652	1.13652	0.00127737	0.304104	-3.28835	0.0192633	0.490273	-2.03968	1.39E-05	0.101949	-9.80884	0.00232635	0.342805	-2.91711	0.0111678	0.449013	-2.22711	16.7126	16.7787	0.892404	1
cg04252928	ACSF3;ACSF3;ACSF3	3.14E-07	4.93E-08	0.231754	-4.31492	0.000888779	1.46923	1.46923	7.68E-08	0.251124	-3.9821	0.0434045	0.835681	-1.19663	0.000274364	0.63094	-1.58494	0.975182	0.997599	-1.00241	0.00159245	1.41928	1.41928	0.145003	1.12857	1.12857	1.12E-05	0.485868	-2.05817	98.4423	9.31067	0.0840711	1
cg09743596	ACSF3;ACSF3;ACSF3	6.02E-07	7.24E-07	0.245181	-4.07861	0.201516	0.868065	-1.15199	6.94E-05	0.466551	-2.14339	4.54E-07	0.2247	-4.45038	1.38E-07	0.175516	-5.69748	1.66E-06	0.283053	-3.5329	0.379321	0.909727	-1.09923	0.230555	0.876392	-1.14104	4.74E-06	0.33329	-3.00039	83.4611	14.5457	0.154917	1
cg03090204	ACSF3;ACSF3;ACSF3	3.84E-06	0.00177773	0.701993	-1.42452	0.0664331	0.848993	-1.17787	0.543342	0.952253	-1.05014	0.00326487	0.726933	-1.37564	0.00413837	0.736567	-1.35765	3.82E-08	0.211344	-4.73161	2.82E-05	0.519469	-1.92504	0.595849	0.958323	-1.04349	0.0119996	0.779409	-1.28302	51.9644	5.20526	0.0890396	1
cg06572911	ACSF3;ACSF3;ACSF3	7.74E-05	0.41749	0.828438	-1.20709	1.17E-05	0.121277	-8.24558	0.0262462	0.549432	-1.82006	9.03E-05	0.203833	-4.90599	2.24E-05	0.144946	-6.89914	0.0266424	0.550605	-1.81618	0.000138374	0.223962	-4.46504	0.512858	0.860058	-1.16271	0.0636715	0.622762	-1.60575	23.7105	19.3767	0.72642	1
cg06847021	ACSF3;ACSF3;ACSF3	0.000218074	0.128431	0.706364	-1.4157	0.788201	1.05861	1.05861	0.000118878	0.240706	-4.15444	0.52045	0.87127	-1.14775	3.32E-05	0.183272	-5.45632	0.000103138	0.233772	-4.27767	0.000215527	0.25595	-3.80914	0.315002	1.24581	1.24581	0.000242255	0.445014	-2.24712	17.9448	12.7179	0.629975	1
cg10202714	ACSF3;ACSF3;ACSF3	0.000277923	0.047638	0.714189	-1.40019	4.85E-05	3.11289	3.11289	0.0506035	0.718179	-1.39241	0.769668	1.0446	1.0446	0.000356335	0.426677	-2.34369	0.409017	0.882069	-1.1337	0.00526612	0.578821	-1.72765	0.216926	1.21296	1.21296	0.00368311	0.558815	-1.79207	16.7976	5.87506	0.310894	1
cg05314414	ACSF3;ACSF3;ACSF3	0.000759254	0.854004	0.960666	-1.04094	0.0790308	1.52932	1.52932	0.0361997	0.588245	-1.69997	0.833093	1.04704	1.04704	0.0115997	0.502828	-1.98863	0.000224771	0.393861	-2.53897	2.05E-05	0.153495	-6.51555	0.763736	1.06787	1.06787	0.301297	1.19149	1.19149	12.7177	9.55874	0.6681	1
cg04952694	ACSF3;ACSF3;ACSF3	0.000798977	0.445208	0.853272	-1.17196	0.903249	0.97551	-1.0251	0.000866552	0.360891	-2.77092	0.977621	1.00574	1.00574	0.000259163	0.293632	-3.40563	0.0138272	0.537773	-1.85952	5.96E-05	0.220053	-4.54436	0.476604	0.862805	-1.15901	0.132292	0.718073	-1.39262	12.5366	8.25421	0.585252	1
cg08551036	ACSF3;ACSF3;ACSF3	0.000840032	6.68E-05	0.268818	-3.71998	0.0853846	0.730377	-1.36915	0.0117137	0.548873	-1.82191	0.891989	0.975866	-1.02473	0.00158833	0.313149	-3.19337	0.0309202	0.634039	-1.57719	0.0039444	0.418166	-2.3914	0.6353	0.917675	-1.08971	0.0871488	0.712017	-1.40446	12.3609	6.33005	0.455202	1
cg06798657	ACSF3;ACSF3;ACSF3	0.00084268	0.727315	1.07245	1.07245	0.228499	1.28728	1.28728	0.000491399	0.335969	-2.97646	0.509099	1.14319	1.14319	0.00220141	0.424176	-2.35751	0.21445	0.77018	-1.2984	0.000188859	0.25609	-3.90488	0.48537	0.867923	-1.15218	0.00218961	0.423845	-2.35935	12.35	7.80841	0.56201	1
cg05521982	ACSF3;ACSF3;ACSF3	0.00116555	0.00213445	3.45882	3.45882	0.0524888	0.530396	-1.88538	0.266897	0.717009	-1.39468	0.0291302	0.477367	-2.09482	0.113526	0.609417	-1.64091	0.0474465	0.520916	-1.9197	0.000131941	0.148455	-6.73603	0.0252555	2.14934	2.14934	0.215939	0.687609	-1.45431	11.265	14.7573	1.16445	1
cg08316009	ACSF3;ACSF3;ACSF3	0.00127596	0.610206	0.888957	-1.12491	0.111775	0.672666	-1.48662	0.0129279	0.493399	-2.02676	0.000270779	0.254848	-3.9239	0.556173	0.872597	-1.146	0.00156273	0.353248	-2.83087	0.00224105	0.376125	-2.65871	0.149134	1.42501	1.42501	0.574613	0.878242	-1.13864	10.9775	9.11296	0.737907	1
cg01942849	ACSF3;ACSF3;ACSF3	0.00140358	0.00289763	0.610931	-1.63685	0.0516743	0.766041	-1.30541	0.000434762	0.512146	-1.95256	0.00592879	1.54207	1.54207	0.0170648	0.839349	-1.1914	0.895313	1.01597	1.01597	0.275815	1.14617	1.14617	0.00681823	1.52475	1.52475	[illegible]	1.12148	1.12148	10.6817	2.45017	0.203894	1
cg02505676	ACSF3;ACSF3;ACSF3	0.00158762	?	?	?	0.792899	0.899637	-1.11156	0.425648	1.3881	1.3881	0.196955	1.73818	1.73818	0.00216866	0.160669	-6.22397	0.326383	0.664219	-1.50553	0.000107882	0.0487574	-20.5097	0.771791	1.12401	1.12401	0.00388701	0.193938	-5.15628	12.6366	28.1184	1.94701	1
cg04069539	ACSF3;ACSF3;ACSF3	0.00219267	0.133215	0.785324	-1.27336	0.538819	1.09728	1.09728	0.000118838	0.366251	-2.73037	0.287142	0.847991	-1.17926	0.0987113	1.3101	1.3101	0.792302	0.961394	-1.04016	0.00243009	1.87698	1.87698	0.955958	1.00827	1.00827	0.210738	0.821407	-1.21742	9.38645	3.30866	0.313328	1
cg01765220	ACSF3;ACSF3;ACSF3	0.00228755	0.916503	0.984059	-1.0162	0.882206	1.02298	1.02298	0.0897988	1.33184	1.33184	0.111676	0.766843	-1.30405	0.00020457	0.385345	-2.59508	0.295362	1.18091	1.18091	0.00155275	0.497971	-2.00815	0.0161887	0.637152	-1.56948	0.219465	1.21881	1.21881	9.27073	3.44768	0.330568	1
cg00144414	ACSF3;ACSF3;ACSF3	0.00246661	0.0947071	1.55518	1.55518	0.999188	1.00024	1.00024	0.00498624	0.409186	-2.44388	0.164369	1.42864	1.42864	0.997188	1.00085	1.00085	0.258022	1.32814	1.32814	0.00153269	2.99313	2.99313	0.00326455	0.381285	-2.62271	0.00627275	2.3542	2.3542	9.06784	8.30236	0.813851	1
cg27372369	ACSF3;ACSF3;ACSF3	0.00295247	0.153785	1.60706	1.60706	0.865912	0.948852	-1.05391	0.14618	0.615924	-1.62358	0.440974	0.783395	-1.2765	0.00137042	0.236273	-4.23239	0.0045849	0.309605	-3.22992	0.000382869	0.171797	-5.82084	0.328247	1.36821	1.36821	0.0319763	0.458081	-2.18302	8.59881	13.1441	1.35875	1
cg07944420	ACSF3;ACSF3;ACSF3	0.00437098	0.00228834	0.478744	-2.0888	0.0108512	0.575554	-1.73746	0.0141289	0.592743	-1.68707	0.105184	0.736586	-1.35761	0.0964408	1.37052	1.37052	0.487464	1.12955	1.12955	0.00548877	1.87858	1.87858	0.679094	0.93068	-1.07448	0.0686609	0.703334	-1.4218	7.64485	3.61071	0.419827	1
cg11476254	ACSF3;ACSF3;ACSF3	0.00467494	0.0715661	1.2408	1.2408	0.00130533	0.605354	-1.65193	0.00131186	1.65125	1.65125	0.884977	0.984598	-1.01564	0.309624	0.893381	-1.11934	0.167722	1.17078	1.17078	0.470417	0.924282	-1.08192	0.000906608	0.818464	-1.2218	0.192245	1.15952	1.15952	7.49045	1.36405	0.161871	1
cg04845821	ACSF3;ACSF3;ACSF3	0.00529685	?	?	?	0.18368	0.699406	-1.42978	0.178515	0.696033	-1.43672	0.0416236	1.91381	1.91381	0.0358606	0.533594	-1.87408	0.21381	1.39291	1.39291	0.000348249	2.09141	2.09141	0.891091	1.02022	1.02022	0.0466508	0.557363	-1.79416	8.51108	7.39976	0.760749	1
cg08935864	ACSF3;ACSF3;ACSF3	0.00670732	0.534275	0.667522	-1.49808	0.0051808	0.093501	-10.6951	0.016397	0.152033	-6.57754	0.618389	0.72435	-1.38055	0.0038718	0.0822104	-12.1639	0.00315815	0.0750072	-13.3321	0.00176151	0.0571903	-17.4855	0.426694	0.593826	-1.684	0.0238206	0.176928	-5.65201	6.70368	43.7802	5.80513	1
cg09384766	ACSF3;ACSF3;ACSF3	0.00788726	0.111017	0.772048	-1.29525	0.322656	1.16443	1.16443	0.0346416	1.44343	1.44343	0.699452	1.05951	1.05951	0.100859	0.765092	-1.30703	0.220096	0.825204	-1.21182	0.000310026	0.418103	-2.39176	0.502197	1.10681	1.10681	0.573363	1.08849	1.08849	6.37253	2.24092	0.3158	1
cg10512427	ACSF3;ACSF3;ACSF3	0.00824053	0.000745651	0.139244	-7.18165	0.334266	0.681402	-1.46756	0.101064	1.99709	1.99709	0.423528	0.729885	-1.37008	0.00171569	0.178357	-5.60674	0.831741	1.08541	1.08541	0.0993475	0.498647	-2.00543	0.203336	0.596167	-1.67738	0.118312	0.520377	-1.92168	6.28523	14.7704	2.08891	1
cg07882243	ACSF3;ACSF3;ACSF3	0.0082701	0.639871	0.86964	-1.1499	0.00106747	0.19234	-5.1991	0.0412351	0.474636	-2.10688	0.0571293	0.512047	-1.95295	0.00228707	0.226148	-4.42188	0.0217312	0.441937	-2.26276	0.0198581	0.43059	-2.3224	0.0331295	0.481223	-2.07804	[illegible]	[illegible]	[illegible]	6.25803	12.3296	1.48955	1
cg27495617	ACSF3;ACSF3;ACSF3	0.00828948	0.106941	1.49658	1.49658	0.88235	1.03451	1.03451	0.673135	0.907297	-1.10218	0.166618	1.40193	1.40193	0.944863	0.98409	-1.01617	0.804539	0.944779	-1.05845	0.000206213	0.240748	-4.15373	0.893378	0.969746	-1.0312	0.00187744	1.55532	1.55532	6.2735	5.21455	0.738847	1
cg03172657	ACSF3;ACSF3;ACSF3	0.00859303	0.000814387	0.432943	-2.30977	0.139445	1.30182	1.30182	0.00875697	0.574772	-1.73982	0.0227678	0.636335	-1.5715	0.0537606	0.695445	-1.43793	0.0242272	0.640469	-1.56135	0.971301	0.994051	-1.00598	0.315727	0.841949	-1.18772	0.0519529	0.692999	-1.443	6.20264	2.7019	0.387205	1
cg04388767	ACSF3;ACSF3;ACSF3	0.00907989	0.474574	1.1566	1.1566	0.0827598	1.46869	1.46869	0.0378768	0.617586	-1.61876	0.684775	1.08508	1.08508	0.0270016	0.436376	-2.2916	0.601335	0.899905	-1.11123	0.0225929	1.72679	1.72679	0.0100407	1.91574	1.91574	[illegible]	1.25058	1.25058	6.09525	3.86379	0.563468	1
cg02098565	ACSF3;ACSF3;ACSF3	0.00975501	0.475668	0.835544	-1.19682	0.689111	1.10475	1.10475	[illegible]	1.1241	1.1241	0.974432	1.0165	1.0165	0.921224	0.975391	-1.02523	0.000113325	0.186553	-5.36107	0.964423	1.01048	1.01048	[illegible]	1.00715	1.00715	0.180505	0.703101	-1.42227	5.95765	5.78968	0.863828	1
cg01134309	ACSF3;ACSF3;ACSF3	0.0109089	0.61431	0.922695	-1.08378	0.0233889	0.65123	-1.53556	0.0312399	1.49213	1.49213	0.786094	1.04401	1.04401	0.128919	1.29669	1.29669	0.151894	0.784221	-1.27515	0.00112825	2.13585	2.13585	0.469344	0.889979	-1.12362	0.126087	1.29961	1.29961	5.74789	2.28232	0.352952	1
cg00759803	ACSF3;ACSF3;ACSF3	0.0125744	0.841997	1.03295	1.03295	0.0895356	1.35539	1.35539	0.0723546	1.38506	1.38506	0.00232578	0.501181	-1.99529	0.0275075	0.654751	-1.5273	0.22913	0.814639	-1.22754	0.047053	1.44659	1.44659	0.102117	0.747787	-1.33728	0.582016	0.913648	-1.09451	5.48942	2.29428	0.371507	1
cg05671576	ACSF3;ACSF3;ACSF3	0.0128686	0.927171	0.977384	-1.02314	0.238211	1.36224	1.36224	0.0970519	0.634002	-1.57728	0.966738	0.989621	-1.01049	0.454697	0.82651	-1.20991	0.000621036	0.267765	-3.73462	0.933465	1.02111	1.02111	0.950868	1.01554	1.01554	0.00456403	0.38864	-2.57308	5.44819	5.4024	0.881419	1
cg09355360	ACSF3;ACSF3;ACSF3	0.0137428	0.216189	0.801306	-1.24796	0.0750085	1.41063	1.41063	0.365788	0.853723	-1.17134	0.77347	1.05034	1.05034	0.00348848	0.375775	-2.66114	0.646819	0.924485	-1.08168	0.614602	1.09025	1.09025	0.178236	1.16634	1.16634	0.251259	0.815449	-1.22632	5.33226	2.44637	0.40781	1
cg01523759	ACSF3;ACSF3;ACSF3	0.0143676	0.0783909	1.98236	1.98236	0.954428	0.980025	-1.02038	0.00774254	0.302065	-3.31055	0.400643	1.39399	1.39399	0.23889	0.649408	-1.53986	0.189449	1.62657	1.62657	0.0313632	2.4199	2.4199	0.00549576	0.278723	-3.58779	0.359328	1.39077	1.39077	5.25488	10.1941	1.72438	1
cg07474797	ACSF3;ACSF3;ACSF3	0.0144768	0.0759845	0.605581	-1.65131	0.385488	0.797732	-1.25355	0.000692109	0.268414	-3.72559	0.204961	0.711982	-1.40453	0.549312	0.857365	-1.16636	0.0342791	0.534038	-1.87253	0.164676	1.45722	1.45722	0.1294	1.51615	1.51615	0.25962	0.741785	-1.3481	5.24179	5.35593	0.908245	1
cg02441474	ACSF3;ACSF3;ACSF3	0.0158134	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05299530	ACSF3;ACSF3;ACSF3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01083549	ACSF3;ACSF3;ACSF3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10156586	ACSF3;ACSF3;ACSF3	0.0253434	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14651525	ACSF3;ACSF3;ACSF3	0.0265343	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02747280	ACSF3;ACSF3;ACSF3	0.0348352	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg04753738	ACSF3;ACSF3;ACSF3	0.0399099	0.777324	1.20558	1.20558	0.0130246	0.131143	-7.62525	0.165486	0.377053	-2.65215
cg04360875	ACSF3;ACSF3;ACSF3	0.0409282	0.528443	1.1158	1.1158	0.00274571	2.03214	2.03214	0.231067	1.24052	1.24052
cg16692470	ACSF3;ACSF3;ACSF3	0.0409287	0.0740861	0.762328	-1.31177	0.00796259	1.59013	1.59013	0.623968	1.06968	1.06968
cg00372249	ACSL1	0.000412982	0.0765954	0.674871	-1.48176	0.352765	1.21033	1.21033	0.00456425	0.47045	-2.12562
cg03422749	ACSL1	0.00110918	0.92468	0.981772	-1.01857	0.000881994	0.379183	-2.63725	0.00193989	0.426126	-2.34672
cg01714284	ACSL1	0.00174605	0.00435276	0.335704	-2.97882	0.0170726	0.434708	-2.3004	0.00274187	0.305918	-3.26885
cg22779802	ACSL1	0.0047287	0.0704694	0.739164	-1.35288	0.00367558	1.79872	1.79872	0.580877	0.920015	-1.08694
cg07730946	ACSL1	0.0119986	0.397301	0.88387	-1.13139	0.00160639	0.524968	-1.90488	0.233381	0.836978	-1.19477
cg07942479	ACSL1	0.0405253	0.0258868	5.69853	5.69853	0.791175	1.19077	1.19077	0.0365585	0.202206	-4.94545
cg22671547	ACSL1;SLED1	0.00359178	0.662167	0.927264	-1.07844	0.000550361	2.51317	2.51317	0.272011	0.821684	-1.21701
cg02116856	ACSL3;ACSL3	0.000456138	0.00365095	0.552652	-1.80946	0.0166733	0.643497	-1.55401	0.0364102	0.692923	-1.44316
cg08726005	ACSL3;ACSL3	0.00100873	9.81E-06	0.130817	-7.64429	0.26138	0.778317	-1.28482	0.412182	1.19651	1.19651
cg01233736	ACSL3;ACSL3	0.00129531	0.515383	0.953023	-1.04929	0.00316621	1.34194	1.34194	0.125136	1.12873	1.12873
cg07604043	ACSL3;ACSL3	0.00333955	0.169157	1.38771	1.38771	0.00448583	2.33389	2.33389	0.988544	0.996794	-1.00322
cg14685946	ACSL3;ACSL3	0.00722044	0.516755	1.18672	1.18672	0.0245305	0.497775	-2.00894	0.689043	0.900548	-1.11043
cg03954616	ACSL3;ACSL3	0.00920335	0.130981	0.800363	-1.24943	0.5713	0.924846	-1.08126	0.298692	0.863208	-1.15847
cg08147886	ACSL3;ACSL3	0.0198339	0.170477	0.842714	-1.18664	0.0252103	1.3662	1.3662	0.0692076	1.26913	1.26913
cg10146146	ACSL3;ACSL3	0.0229513	0.457032	1.24167	1.24167	0.45717	1.24158	1.24158	0.357009	0.762831	-1.31091
cg17492904	ACSL3;ACSL3;ACSL3;ACSL3	0.0428066	0.0359347	0.461283	-2.16787	0.439972	1.26821	1.26821	0.0459652	0.486255	-2.05653
cg18445504	ACSL4;ACSL4	0.00109155	0.0402367	0.669334	-1.49402	0.00082669	0.426102	-2.34685	0.00270949	0.495724	-2.01725
cg14457256	ACSL4;ACSL4	0.0400168	0.00413808	0.266147	-3.75732	0.853417	1.06575	1.06575	0.89606	1.04603	1.04603
cg20707765	ACSL5;ACSL5	0.00159794	0.00153946	0.3735	-2.67738	0.28019	0.784557	-1.2746	0.152623	0.718112	-1.39254
cg16920551	ACSL5;ACSL5;ACSL5	0.000103281	0.039064	0.719547	-1.38976	0.0214544	0.683336	-1.46341	0.000569756	0.479307	-2.08635
cg18733757	ACSL5;ACSL5;ACSL5	0.000284964	0.00893485	0.602127	-1.66078	0.00456192	1.77917	1.77917	0.000112394	0.355175	-2.81551
cg25670688	ACSL5;ACSL5;ACSL5	0.00215207	0.549943	1.12396	1.12396	0.0010166	0.390049	-2.56378	0.347266	0.82947	-1.20559
cg03271650	ACSL5;ACSL5;ACSL5	0.00957838	0.014484	0.287059	-3.4836	0.0458415	0.387408	-2.58125	0.0132804	0.280512	-3.56491
cg25780389	ACSL5;ACSL5;ACSL5	0.0362833	0.142229	1.70847	1.70847	0.365097	1.37153	1.37153	0.100946	0.543432	-1.84016
cg00022688	ACSL5;ACSL5;ACSL5;ACSL5	0.00236591	0.0180792	0.380532	-2.6279	0.0319154	0.429121	-2.33034	0.0183011	0.381524	-2.62107
cg02273922	ACSL5;ACSL5;ACSL5;ACSL5	0.00341518	0.0093601	0.317868	-3.14596	0.00609778	0.28791	-3.47331	0.00117851	0.191058	-5.23402
cg04844987	ACSL5;ACSL5;ACSL5;ACSL5	0.0071698	0.0437669	0.515543	-1.9397	0.643346	0.875215	-1.14258	0.0599182	0.545109	-1.8345
cg14991821	ACSL5;ACSL5;ACSL5;ACSL5	0.0106014	0.439324	1.16639	1.16639	0.0226011	0.586973	-1.70366	0.0728887	0.676784	-1.47758
cg24786495	ACSL6;ACSL6	0.00331988	0.333769	0.875569	-1.14211	0.654337	1.06191	1.06191	0.000525707	0.486676	-2.05475
cg25309041	ACSL6;ACSL6	0.00446309	0.00147171	0.339749	-2.94335	0.00134247	0.334243	-2.99184	0.0191703	0.513477	-1.94751
cg02257405	ACSL6;ACSL6	0.012801	0.365188	0.884446	-1.13065	0.0217579	1.43834	1.43834	0.0264067	1.41543	1.41543
cg02698332	ACSL6;ACSL6	0.0312251	0.0318991	0.66953	-1.49358	0.113786	1.31589	1.31589	0.8586	0.971949	-1.02886
cg04206517	ACSL6;ACSL6	0.0342435	0.709861	1.14229	1.14229	0.0164368	2.83969	2.83969	0.00140887	5.18501	5.18501
cg27097034	ACSL6;ACSL6	0.0370678	0.134616	1.31985	1.31985	0.037059	1.51668	1.51668	0.00363149	0.508113	-1.96807
cg19986872	ACSL6;ACSL6	0.0449662	0.656546	0.786076	-1.27214	0.0151683	4.97448	4.97448	0.00355614	8.36798	8.36798
cg01185278	ACSL6;ACSL6	0.0465805	0.549115	0.817733	-1.22289	0.0102547	2.92733	2.92733	0.00788425	3.10008	3.10008
cg00607526	ACSL6;ACSL6;ACSL6;ACSL6	0.0375283	0.260236	1.39613	1.39613	0.268486	0.720714	-1.38751	0.810142	0.933893	-1.07079
cg01555300	ACSM1	1.22E-05	0.205961	0.849206	-1.17757	0.131051	0.818941	-1.22109	1.32E-07	0.129609	-7.71549
cg07246873	ACSM1	0.000208913	5.28E-05	0.22049	-4.53535	0.00195303	0.416049	-2.40356	0.000915006	0.370732	-2.69737
cg09967487	ACSM1	0.00205336	0.0140588	0.426086	-2.34694	0.438297	1.24915	1.24915	0.0728882	0.569512	-1.75589
cg02009395	ACSM1	0.00286067	0.010944	0.293915	-3.40234	0.00585125	0.250727	-3.9884	0.00497359	0.24034	-4.16078
cg16940935	ACSM1	0.00596851	0.0836384	1.22782	1.22782	0.00404517	0.661126	-1.51257	0.00291	0.644942	-1.55053
cg02675179	ACSM1	0.0162992	0.0280444	0.674871	-1.48176	0.00720329	0.591192	-1.6915	0.378673	0.872083	-1.14668
cg09620718	ACSM1	0.0330227	0.351231	0.53135	-1.882	0.106734	0.313253	-3.1923	0.00690137	0.0997748	-10.0226
cg10060338	ACSM3;ACSM3	0.000517858	0.526846	0.783186	-1.27684	0.0188175	0.338013	-2.95847	0.0959334	2.00754	2.00754
cg00394823	ACSM3;ACSM3	0.000769323	0.828282	0.953589	-1.04867	0.00624404	0.458536	-2.18085	0.00801671	0.475562	-2.10278
cg06478823	ACSM3;ACSM3	0.0136832	0.00623264	0.10294	-9.71436	0.136128	0.359119	-2.78459	0.0131555	0.140783	-7.10311
cg14285764	ACSM4	0.000411548	0.00191818	0.306943	-3.25793	0.940202	0.980031	-1.02038	0.000639694	0.244311	-4.09314
cg21343895	ACSM4	0.00160298	0.000309386	0.152508	-6.55703	0.375015	1.33976	1.33976	0.0091297	0.345117	-2.89757
cg05300045	ACSM5	0.0465797	0.186611	0.478611	-2.08938	0.332951	0.591165	-1.69157	0.351486	0.603697	-1.65646
cg27514874	ACSM5	0.0493525	0.0434762	0.239901	-4.16838	0.0126494	0.148715	-6.72429	0.0282294	0.203342	-4.91782
cg22556898	ACSS1	0.000935128	0.0306687	1.36311	1.36311	0.0015759	0.574789	-1.73977	0.000908587	0.545917	-1.83178
cg02086310	ACSS1	0.00699072	0.00881999	0.258354	-3.87065	0.0357009	0.370783	-2.697	0.00919489	0.261238	-3.82792
cg03321508	ACSS1	0.011196	0.00553511	0.262434	-3.81048	0.418588	0.738372	-1.35433	0.0439879	0.42768	-2.3382
cg15273280	ACSS1	0.0225776	0.0342691	0.7053	-1.41784	0.490305	1.10412	1.10412	0.149284	1.24432	1.24432
cg22869025	ACSS1	0.0243572	0.0116506	0.364334	-2.74473	0.00238164	0.257607	-3.88189	0.0097416	0.350996	-2.84903
cg14124376	ACSS1	0.0385373	0.88555	1.05168	1.05168	0.90029	0.957091	-1.04483	0.336932	0.707239	-1.41395
cg23676480	ACSS1	0.0420727	0.0719233	0.276153	-3.62119	0.864922	0.896679	-1.11523	0.0221233	0.172489	-5.79748
cg15988792	ACSS1;ACSS1	0.0281137	0.0303673	0.363745	-2.74918	0.162903	0.553312	-1.8073	0.0302572	0.363417	-2.75166
cg22989379	ACSS2	0.00529054	0.000267083	0.496488	-2.01415	0.0141988	1.42481	1.42481	0.810997	1.02843	1.02843
cg25971823	ACSS2;ACSS2;ACSS2	0.000103775	3.58E-05	0.210826	-4.74326	0.0490086	0.644662	-1.5512	0.0361179	0.621219	-1.60974
cg13368786	ACSS2;ACSS2;ACSS2	0.000289672	0.0841796	0.677756	-1.47546	0.000245672	0.291337	-3.43246	0.0786395	0.671902	-1.48831
cg21132536	ACSS2;ACSS2;ACSS2	0.00316638	0.000627864	0.0982196	-10.1813	0.0660003	0.402353	-2.48538	0.00840025	0.226262	-4.41965
cg19310375	ACSS2;ACSS2;ACSS2	0.0098951	0.980431	0.997878	-1.00213	0.910236	1.00981	1.00981	0.0572584	0.830066	-1.20472
cg06342430	ACSS2;GGT7	0.0106541	0.014014	0.407143	-2.45614	0.797533	1.07912	1.07912	0.0105486	0.385597	-2.59338
cg11649376	ACSS3	0.00029503	0.00285471	0.415317	-2.4078	0.00211563	0.396555	-2.52172	0.0385172	0.59864	-1.67045
cg26461449	ACSS3	0.00737417	0.0348001	1.37937	1.37937	0.000923611	0.523668	-1.90961	0.00791642	0.640674	-1.56086
cg18545424	ACSS3	0.00966214	0.555361	0.836257	-1.1958	0.0412989	0.493808	-2.02508	0.290917	0.719971	-1.38894
cg22246906	ACSS3	0.0282013	0.0834744	0.672028	-1.48803	0.604856	0.897371	-1.11437	0.265905	0.786235	-1.27188
cg04568492	ACTA1	0.000117314	0.415939	1.39599	1.39599	0.0016949	6.04566	6.04566	0.000239811	11.4648	11.4648
cg00034468	ACTA1	0.000197199	0.000345612	2.84697	2.84697	0.0342758	1.56639	1.56639	0.194821	1.28299	1.28299
cg02970384	ACTA1	0.0366949	0.075812	4.69926	4.69926	0.0124307	11.4276	11.4276	0.078075	4.63212	4.63212
cg09990481	ACTA2;ACTA2	7.55E-05	9.33E-05	0.373532	-2.67715	0.929681	0.987606	-1.01255	5.60E-05	0.34703	-2.88159
cg07216529	ACTA2;ACTA2	0.000653875	0.16907	0.793701	-1.25992	0.236753	1.2159	1.2159	0.00195643	0.50134	-1.99465
cg03221266	ACTA2;ACTA2	0.00162437	0.00107441	0.280679	-3.56279	0.958108	1.01391	1.01391	0.000952843	0.27386	-3.6515
cg10894512	ACTA2;ACTA2	0.00183831	0.000327503	0.315265	-3.17193	0.0609325	0.657007	-1.52205	0.000691385	0.357028	-2.8009
cg07436807	ACTA2;ACTA2	0.00271822	0.00394472	0.368761	-2.71178	0.978426	0.993068	-1.00698	0.00221254	0.331782	-3.01403
cg26479099	ACTA2;ACTA2	0.00278698	0.734788	0.91153	-1.09706	0.522144	1.19331	1.19331	0.00133842	0.280818	-3.56102
cg19015961	ACTA2;ACTA2	0.0045435	0.00155303	0.329539	-3.03454	0.969332	1.00942	1.00942	0.0230709	0.515319	-1.94055
cg19335412	ACTA2;ACTA2	0.0120804	0.00468387	0.166085	-6.021	0.510456	0.727025	-1.37547	0.014027	0.234925	-4.25668
cg19573567	ACTA2;FAS;FAS;FAS;FAS;FAS;FAS;FAS	0.00230182	0.270803	0.729605	-1.3706	0.180589	1.47835	1.47835	0.0299702	2.01798	2.01798
cg02356111	ACTB	3.38E-05	0.0315372	1.9253	1.9253	0.545946	1.17206	1.17206	0.00126445	3.39522	3.39522
cg23162587	ACTB	0.00112595	0.00143296	2.09758	2.09758	0.484787	1.12083	1.12083	0.489732	1.11934	1.11934
cg14145074	ACTB	0.00178678	0.00879395	0.489906	-2.04121	0.0949673	1.48056	1.48056	0.00676798	2.11845	2.11845
cg03324421	ACTB	0.00427696	0.0116026	0.515962	-1.93813	0.106803	0.691263	-1.44663	0.128884	0.708833	-1.41077
cg01741041	ACTB	0.0110498	0.0705177	0.641155	-1.55968	0.0352276	1.71489	1.71489	0.0293577	1.75828	1.75828
cg04490349	ACTB	0.0136969	0.515605	0.852301	-1.17329	0.112388	1.52046	1.52046	0.751477	1.08007	1.08007
cg26636061	ACTB	0.0376101	0.760831	0.969524	-1.03143	0.522123	0.936348	-1.06798	0.74456	0.9674	-1.0337
cg26657920	ACTBL2	2.62E-07	0.514415	1.06746	1.06746	3.00E-05	0.446358	-2.24036	0.00272632	0.664565	-1.50474
cg20772593	ACTBL2	0.000471239	0.505752	0.897484	-1.11423	0.0030654	0.52231	-1.91457	0.000125888	0.343147	-2.9142
cg11271345	ACTBL2	0.0392696	0.046589	1.8137	1.8137	0.018593	0.474506	-2.10745	0.0199251	0.479966	-2.08348
cg26053864	ACTC1	0.0107608	0.0957033	0.634632	-1.57572	0.0015028	3.11624	3.11624	0.00915916	0.439395	-2.27586
cg02532725	ACTC1	0.0152104	0.462143	0.888106	-1.12599	0.476862	0.891665	-1.1215	0.0114098	0.605346	-1.65195
cg05852231	ACTC1	0.0191794	0.94062	1.03432	1.03432	0.00144644	8.04354	8.04354	0.0958189	0.436705	-2.28988
cg05432213	ACTC1	0.0409357	0.158073	1.72095	1.72095	0.502481	1.27739	1.27739	0.250673	0.649353	-1.53999
cg24519084	ACTC1;ACTC1	0.0162561	0.473694	0.80841	-1.237	0.000227818	5.97687	5.97687	0.750411	0.91106	-1.09762
cg05036147	ACTG1	0.00316477	0.65644	0.966544	-1.03461	0.000315882	1.55825	1.55825	0.000787476	1.47064	1.47064
cg10854807	ACTG1	0.00576679	0.386965	1.12641	1.12641	0.000387753	0.46786	-2.13739	0.104525	0.78807	-1.26892
cg03909849	ACTG1	0.00937375	0.000801567	0.387852	-2.5783	0.59326	1.10617	1.10617	0.768364	0.946224	-1.05683
cg05488523	ACTG1	0.0107078	0.0123907	0.198848	-5.02896	0.0701841	2.85849	2.85849	0.374704	0.623285	-1.6044
cg20335959	ACTG1	0.0119299	0.192243	0.825002	-1.21212	0.000350539	2.22727	2.22727	0.173284	1.22378	1.22378
cg05050789	ACTG1	0.012017	0.655205	0.844752	-1.18378	0.000563954	8.64463	8.64463	0.176447	1.7229	1.7229
cg26857837	ACTG1	0.0123063	0.0858245	0.574897	-1.73944	0.00764091	0.367912	-2.71804	0.102332	0.593756	-1.68419
cg01369328	ACTG1	0.043195	0.923138	1.03171	1.03171	0.735563	1.11591	1.11591	0.0837599	1.85737	1.85737
cg23173910	ACTG2	0.0134653	0.0694587	0.568816	-1.75804	0.413261	0.792634	-1.26162	0.0425594	0.522687	-1.91319
cg24691835	ACTG2	0.0150073	0.0205261	0.494721	-2.02134	0.806119	0.939877	-1.06397	0.170644	0.692175	-1.44472
cg02274550	ACTG2	0.023427	0.0339742	0.30685	-3.25892	0.00612433	0.18135	-5.5142	0.0285599	0.291391	-3.43181
cg23557788	ACTG2	0.0365729	0.522036	0.908998	-1.10011	0.225895	1.20561	1.20561	0.00139917	0.506339	-1.97496
cg12039197	ACTG2;ACTG2	0.0134321	0.0332275	0.407759	-2.45243	0.0164969	0.347907	-2.87433	0.0152745	0.341803	-2.92566
cg15278957	ACTL6A;ACTL6A;ACTL6A	0.00137966	0.000377132	0.596188	-1.67732	0.170325	0.875548	-1.14214	0.177159	0.877614	-1.13945
cg25958740	ACTL6A;ACTL6A;ACTL6A	0.024719	0.7875	1.06816	1.06816	0.103301	0.647364	-1.54472	0.794109	0.938166	-1.06591
cg20250700	ACTL6B	0.000106509	0.0407998	0.482793	-2.07128	0.00744995	0.345533	-2.89408	0.0258513	0.442236	-2.26123
cg05729836	ACTL6B	0.000415684	0.036107	1.7742	1.7742	0.000206644	0.231825	-4.3136	0.00315636	0.387147	-2.583
cg19014623	ACTL6B	0.00336076	0.0146457	1.73264	1.73264	0.343669	1.1953	1.1953	0.888784	1.02592	1.02592
cg08572611	ACTL6B	0.00499284	0.0220939	1.45476	1.45476	0.407896	1.12257	1.12257	9.16E-05	2.59681	2.59681
cg20497359	ACTL6B	0.0152035	0.140119	0.307884	-3.24797	0.00453714	0.0604348	-16.5468	0.0245022	0.136888	-7.30524
cg24471254	ACTL6B	0.0385867	0.677377	1.27707	1.27707	0.0204003	5.12287	5.12287	0.389287	1.67485	1.67485
cg03369957	ACTL6B	0.0411991	0.0298972	0.509872	-1.96127	0.195058	0.696741	-1.43525	0.631019	1.13608	1.13608
cg14561444	ACTL7A	5.14E-08	6.11E-06	0.619764	-1.61352	0.0223286	1.13808	1.13808	0.620348	0.976686	-1.02387
cg11628026	ACTL7A	0.00165853	0.288207	1.10786	1.10786	0.000948534	1.58053	1.58053	0.0996809	0.845673	-1.18249
cg14480594	ACTL7A	0.004937	0.637107	1.09992	1.09992	0.0369957	0.615416	-1.62492	0.508428	0.874192	-1.14391
cg00065385	ACTL7A	0.041447	0.022839	0.674565	-1.48244	0.568728	1.08682	1.08682	0.0292448	0.689844	-1.4496
cg19863405	ACTL7B	0.00115385	0.384247	0.872374	-1.1463	0.0637005	1.3758	1.3758	0.956766	0.991737	-1.00833
cg13420043	ACTL7B	0.0248265	0.0420095	0.742454	-1.34688	0.500225	0.916709	-1.09086	0.00533942	0.627254	-1.59425
cg02798703	ACTL7B	0.0298557	0.0245268	0.177159	-5.64466	0.0575945	0.249762	-4.00381	0.0277673	0.186285	-5.36812
cg09941542	ACTL8	0.00144224	0.445783	0.820035	-1.21946	0.0914178	0.622177	-1.60726	0.00525328	0.390755	-2.55915
cg02772379	ACTL8	0.00447068	0.679398	0.908152	-1.10114	0.0444167	0.585559	-1.70777	0.143681	1.4394	1.4394
cg10376517	ACTL8	0.0046292	0.223325	0.838279	-1.19292	7.66E-05	0.372239	-2.68644	0.555005	0.920979	-1.0858
cg06687562	ACTL8	0.0239522	0.274709	0.822949	-1.21514	0.016051	1.65747	1.65747	0.0376171	1.51215	1.51215
cg17142039	ACTL8	0.0408666	0.134672	0.783671	-1.27605	0.300918	0.85044	-1.17586	0.0167227	1.55497	1.55497
cg18931750	ACTL9	0.000770409	0.987989	1.00271	1.00271	0.00905946	1.81743	1.81743	2.73E-05	0.225371	-4.43712
cg23239891	ACTL9	0.00161794	0.511279	0.750581	-1.3323	0.166066	1.88895	1.88895	0.000911995	0.118212	-8.45941
cg20587168	ACTL9	0.00214681	0.0629341	1.67625	1.67625	0.00227759	0.348648	-2.86823	0.07453	1.63321	1.63321
cg02339243	ACTL9	0.00303008	0.00438107	0.23006	-4.3467	0.00154024	0.172161	-5.80852	0.010084	0.285438	-3.50339
cg23476937	ACTL9	0.00750471	0.00550106	0.29924	-3.3418	0.140572	1.68886	1.68886	0.274038	1.45684	1.45684
cg01621764	ACTL9	0.00815408	0.0510408	2.03805	2.03805	0.486102	1.25452	1.25452	0.219707	0.661343	-1.51208
cg12148774	ACTL9	0.0336652	0.0514734	0.254659	-3.92683	0.0401435	0.231521	-4.31926	0.035358	0.220515	-4.53483
cg19611002	ACTL9	0.0431399	0.0395992	0.194015	-5.15423	0.011013	0.111078	-9.00272	0.0554549	0.224089	-4.46251
cg13607935	ACTL9;ACTL9	5.46E-05	0.854526	0.953866	-1.04836	0.275735	0.746926	-1.33882	0.37866	0.7926	-1.26167

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04753738	0.122836	0.332083	-3.01129	0.220953	2.33603	2.33603
cg04360875	0.33102	1.18777	1.18777	0.0389817	0.663658	-1.5068
cg16692470	0.828137	1.03009	1.03009	0.328205	0.871453	-1.14751
cg00372249	0.0153715	0.552195	-1.81096	0.000198644	0.287142	-3.4826
cg03422749	0.00184828	0.423182	-2.36305	0.000196235	0.295799	-3.38068
cg01714284	0.00226097	0.293986	-3.40152	0.019255	0.444318	-2.25064
cg22779802	0.415224	0.88294	-1.13258	0.0680502	0.736763	-1.35729
cg07730946	0.50289	1.10168	1.10168	0.266818	0.848085	-1.17913
cg07942479	0.209687	2.38651	2.38651	0.0220207	0.164136	-6.09251
cg22671547	0.131054	1.32318	1.32318	0.981486	0.996022	-1.00399
cg02116856	0.625383	1.07704	1.07704	1.22E-05	0.24857	-4.02301
cg08726005	0.994863	0.998623	-1.00138	0.716287	0.924875	-1.08123
cg01233736	0.0554308	0.85353	-1.1716	0.0990884	0.876428	-1.14099
cg07604043	0.260282	1.30037	1.30037	0.94361	0.984301	-1.01595
cg14685946	0.00294753	0.345361	-2.89552	0.402488	0.800014	-1.24998
cg03954616	0.00214548	0.555041	-1.80167	0.00117263	0.521819	-1.91637
cg08147886	0.27019	1.14408	1.14408	0.111502	1.22534	1.22534
cg10146146	0.0168348	2.30135	2.30135	0.0106819	0.399674	-2.50204
cg17492904	0.344513	0.74467	-1.34288	0.0510657	0.497222	-2.01117
cg18445504	0.0779131	0.71759	-1.39355	8.97E-05	0.305065	-3.27799
cg14457256	0.289251	1.46045	1.46045	0.0534501	0.469888	-2.12817
cg20707765	0.0377731	0.594076	-1.68329	5.64E-05	0.198409	-5.04009
cg16920551	1.54E-05	0.291496	-3.43058	0.00362721	0.581322	-1.72022
cg18733757	0.549271	0.911722	-1.09683	0.0237808	0.662623	-1.50915
cg25670688	0.652422	0.916137	-1.09154	0.229891	1.27554	1.27554
cg03271650	0.0103927	0.26266	-3.8072	0.00359651	0.195306	-5.12018
cg25780389	0.939667	0.97463	-1.02603	0.00213541	0.231151	-4.32617
cg00022688	0.00134483	0.20856	-4.79479	0.00128186	0.206016	-4.85399
cg02273922	0.00178262	0.212958	-4.69577	0.0116084	0.333759	-2.99618
cg04844987	0.00361311	0.324333	-3.08325	0.0157825	0.429352	-2.32909
cg14991821	0.0175967	0.569129	-1.75707	0.113059	0.714236	-1.4001
cg24786495	0.19753	1.19909	1.19909	0.422084	1.1155	1.1155
cg25309041	0.132167	1.46544	1.46544	0.00472773	0.413693	-2.41725
cg02257405	0.00182211	1.79458	1.79458	0.556659	0.924538	-1.08162
cg02698332	0.207435	0.808888	-1.23627	0.664649	1.07207	1.07207
cg04206517	0.0397024	2.3318	2.3318	0.780298	1.10467	1.10467
cg27097034	0.177878	1.2793	1.2793	0.550286	1.10957	1.10957
cg19986872	0.0730116	2.93116	2.93116	0.718587	0.823153	-1.21484
cg01185278	0.27739	1.45496	1.45496	0.122156	0.573428	-1.7439
cg00607526	0.0108875	0.403165	-2.48038	0.0417059	0.513177	-1.94864
cg01555300	0.0602591	0.771341	-1.29644	0.0105845	1.48275	1.48275
cg07246873	0.188254	0.756422	-1.32201	0.000101245	0.251748	-3.97223
cg09967487	0.928671	1.02551	1.02551	6.85E-05	0.128866	-7.76001
cg02009395	0.0530076	0.430377	-2.32355	0.104039	0.505863	-1.97682
cg16940935	0.878091	1.01659	1.01659	0.53157	0.934327	-1.07029
cg02675179	0.195412	1.23061	1.23061	0.0154894	0.63761	-1.56836
cg09620718	0.0146184	0.137839	-7.25484	0.509563	0.643433	-1.55416
cg10060338	0.0746108	0.469091	-2.13178	9.58E-05	0.07092	-14.1004
cg00394823	0.000763091	0.327703	-3.05155	0.00193739	0.383103	-2.61027
cg06478823	0.0102891	0.127194	-7.86199	0.00240339	0.0674345	-14.8292
cg14285764	0.00212794	0.313282	-3.19201	0.0118152	0.429465	-2.32848
cg21343895	0.00555651	0.310298	-3.22271	0.000802373	0.196843	-5.08019
cg05300045	0.217451	0.505132	-1.97968	0.00513191	0.142879	-6.99893
cg27514874	0.0915751	0.319119	-3.13362	0.0637299	0.277631	-3.60191
cg22556898	0.999914	1.00001	1.00001	0.119302	1.22904	1.22904
cg02086310	0.13531	0.52027	-1.92208	0.00596146	0.232401	-4.30291
cg03321508	0.178928	0.592165	-1.68872	0.00246219	0.213233	-4.68969
cg15273280	0.0758374	1.32222	1.32222	0.0916946	1.30017	1.30017
cg22869025	0.0487702	0.486398	-2.05593	0.0574055	0.502427	-1.99034
cg14124376	0.0723357	2.01705	2.01705	0.00177875	0.210874	-4.74216
cg23676480	0.518904	0.657802	-1.52021	0.0142372	0.144175	-6.93602
cg15988792	0.907134	1.04746	1.04746	0.00335549	0.204798	-4.88287
cg22989379	0.0927511	0.805363	-1.24168	0.0629997	1.2773	1.2773
cg25971823	0.724169	1.07166	1.07166	6.19E-06	0.138752	-7.20713
cg13368786	0.0223029	1.74636	1.74636	1.72E-05	0.166384	-6.01018
cg21132536	0.060154	0.392234	-2.5495	0.00101912	0.116444	-8.58781
cg19310375	0.00109146	0.658872	-1.51774	0.207348	0.891244	-1.12203
cg06342430	0.333225	1.34399	1.34399	0.19696	0.66762	-1.49786
cg11649376	0.986958	0.996508	-1.0035	0.00591144	0.462655	-2.16144
cg26461449	0.3272	1.14136	1.14136	0.0494351	0.745941	-1.34059
cg18545424	0.283111	0.715823	-1.39699	0.00227953	0.278281	-3.59349
cg22246906	0.184513	0.746774	-1.33909	0.00926363	0.504063	-1.98388
cg04568492	0.454593	0.736672	-1.35746	0.0321454	0.365325	-2.73729
cg00034468	0.513641	1.12791	1.12791	0.87712	1.02852	1.02852
cg02970384	0.250584	2.56024	2.56024	0.49777	0.58333	-1.7143
cg09990481	0.144357	0.801255	-1.24804	6.23E-06	0.239968	-4.16722
cg07216529	0.10271	0.754606	-1.32519	2.34E-05	0.263888	-3.78948
cg03221266	0.370365	0.785092	-1.27374	0.000110498	0.16705	-5.98621
cg10894512	0.176007	0.751174	-1.33125	0.000450402	0.332815	-3.00467
cg07436807	0.512588	0.842951	-1.18631	0.000102908	0.170658	-5.85966
cg26479099	0.589858	1.15981	1.15981	0.000203605	0.183317	-5.45504
cg19015961	0.742501	0.922713	-1.08376	0.000321628	0.241713	-4.13714
cg19335412	0.20341	0.526703	-1.8986	0.0189305	0.257367	-3.8855
cg19573567	4.65E-05	0.120847	-8.27495	0.775239	1.0819	1.0819
cg02356111	0.866515	0.957237	-1.04467	5.69E-07	0.0275598	-36.2848
cg23162587	0.0912806	1.34828	1.34828	0.0297449	1.50838	1.50838
cg14145074	0.00308792	2.3775	2.3775	0.325941	0.805	-1.24224
cg03324421	0.283862	0.791775	-1.26299	0.0024084	0.412116	-2.4265
cg01741041	0.0301398	1.75195	1.75195	0.12475	0.693877	-1.44118
cg04490349	0.700396	0.910527	-1.09827	0.513279	1.17436	1.17436
cg26636061	0.021219	1.32421	1.32421	0.0927531	0.829013	-1.20625
cg26657920	0.0229863	1.30807	1.30807	0.00169493	1.55712	1.55712
cg20772593	0.646258	0.928648	-1.07683	0.000540094	0.422365	-2.36762
cg11271345	0.0558452	1.76116	1.76116	0.547043	0.85282	-1.17258
cg26053864	0.121252	0.658722	-1.51809	0.397551	0.806351	-1.24016
cg02532725	0.540479	0.906437	-1.10322	0.721139	0.944766	-1.05846
cg05852231	0.562168	1.30399	1.30399	0.0136157	0.250971	-3.98452
cg05432213	0.583731	1.22025	1.22025	0.0563562	2.17553	2.17553
cg24519084	0.759548	1.09374	1.09374	0.914399	1.03188	1.03188
cg05036147	0.463795	1.05831	1.05831	0.0153148	1.25391	1.25391
cg10854807	0.140179	0.808138	-1.23741	0.00132966	0.534497	-1.87092
cg03909849	0.602166	0.906252	-1.10345	0.0154016	0.573212	-1.74456
cg05488523	0.114033	2.44004	2.44004	0.154102	0.453104	-2.207
cg20335959	0.0388986	1.39548	1.39548	0.414913	1.12316	1.12316
cg05050789	0.982681	0.991893	-1.00817	0.448016	1.33751	1.33751
cg26857837	0.0189399	0.436651	-2.29016	0.00154831	0.26519	-3.77088
cg01369328	0.00366433	0.280487	-3.56523	0.602692	1.1852	1.1852
cg23173910	0.25501	0.718792	-1.39122	0.00538286	0.361285	-2.7679
cg24691835	0.0973593	0.632085	-1.58206	0.007108	0.416095	-2.4033
cg02274550	0.337682	0.623907	-1.6028	0.00847303	0.201067	-4.97347
cg23557788	0.141539	0.792596	-1.26168	0.824091	0.967795	-1.03328
cg12039197	0.0507856	0.44841	-2.2301	0.0017463	0.200233	-4.99419
cg15278957	0.644943	0.95865	-1.04313	0.00106199	0.643747	-1.55341
cg25958740	0.0352051	0.54955	-1.81967	0.619597	0.885035	-1.1299
cg20250700	0.52285	1.22103	1.22103	1.42E-05	0.0614231	-16.2805
cg05729836	0.00172823	0.349401	-2.86204	0.00147268	0.339706	-2.94372
cg19014623	0.00140697	2.32951	2.32951	0.300758	1.21664	1.21664
cg08572611	0.704565	1.0534	1.0534	0.254709	1.17636	1.17636
cg20497359	0.0352536	0.162042	-6.17126	0.0101088	0.0899632	-11.1157
cg24471254	0.927996	1.05425	1.05425	0.0732012	0.311015	-3.21528
cg03369957	0.161032	0.67389	-1.48392	0.00438384	0.366734	-2.72678
cg14561444	8.12E-05	0.714756	-1.39908	2.46E-09	0.270731	-3.69371
cg11628026	0.218846	1.12765	1.12765	0.160552	1.14942	1.14942
cg14480594	0.96355	0.990883	-1.0092	0.00965265	1.9279	1.9279
cg00065385	0.0536891	0.728568	-1.37256	0.233181	0.834698	-1.19804
cg19863405	0.000540558	0.438955	-2.27814	0.00017433	0.37722	-2.65097
cg13420043	0.140234	0.817369	-1.22344	0.824766	0.97221	-1.02858
cg02798703	0.269849	0.476008	-2.10081	0.00879445	0.115846	-8.63213
cg09941542	0.0239964	0.502898	-1.98848	1.96E-05	0.109629	-9.12164
cg02772379	0.965624	1.01004	1.01004	7.42E-05	0.188466	-5.30599
cg10376517	0.143268	0.805035	-1.24218	0.197598	0.828804	-1.20656
cg06687562	0.624496	0.918891	-1.08827	0.587912	1.09835	1.09835
cg17142039	0.936809	1.01206	1.01206	0.313886	1.17049	1.17049
cg18931750	0.175056	1.29664	1.29664	0.00776704	0.540254	-1.85098
cg23239891	0.474484	0.731083	-1.36783	0.000202719	0.0683197	-14.6371
cg20587168	0.624672	1.12947	1.12947	0.0311202	0.535446	-1.8676
cg02339243	0.200587	0.593311	-1.68546	0.00509425	0.239429	-4.1766
cg23476937	0.0183783	0.388385	-2.57476	0.222582	1.52764	1.52764
cg01621764	0.00799668	2.97143	2.97143	0.597894	1.18593	1.18593
cg12148774	0.432368	0.609962	-1.63945	0.00179578	0.0645475	-15.4925
cg19611002	0.229272	0.419258	-2.38517	0.0287952	0.169216	-5.90962
cg13607935	0.00153523	0.309411	-3.23195	6.49E-07	0.0302652	-33.0412

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)
cg04753738	0.345568	0.527004	-1.89752	0.00350319	0.0734163	-13.621
cg04360875	0.632099	0.920573	-1.08628	0.113374	1.34391	1.34391
cg16692470	0.813266	1.03279	1.03279	0.0295192	1.41824	1.41824
cg00372249	0.127544	0.719671	-1.38952	4.73E-05	0.216331	-4.62254
cg03422749	0.0257349	0.597328	-1.67412	0.164564	0.749402	-1.3344
cg01714284	0.00944993	0.389698	-2.56609	0.00037266	0.195715	-5.10948
cg22779802	0.0057359	1.71837	1.71837	0.790176	1.04067	1.04067
cg07730946	0.039102	1.40506	1.40506	0.0274116	1.45008	1.45008
cg07942479	0.780062	0.831791	-1.20223	0.489829	1.5865	1.5865
cg22671547	0.0299761	1.55049	1.55049	0.142865	1.31062	1.31062
cg02116856	0.00247344	0.530103	-1.88643	0.161102	0.797912	-1.25327
cg08726005	0.237164	0.76721	-1.30342	0.657005	1.10035	1.10035
cg01233736	0.0340602	0.834895	-1.19776	0.000110209	0.608669	-1.64293
cg07604043	0.131588	1.43922	1.43922	0.00127422	0.349526	-2.86102
cg14685946	0.00741702	0.407304	-2.45517	0.0013696	0.298339	-3.3519
cg03954616	0.453275	1.10997	1.10997	0.026025	0.697153	-1.43441
cg08147886	0.194376	0.851334	-1.17463	0.00384019	0.633305	-1.57902
cg10146146	0.377156	1.2956	1.2956	0.0229098	0.459413	-2.17669
cg17492904	0.0466962	0.487888	-2.04965	0.321638	1.36391	1.36391
cg18445504	0.128329	1.32109	1.32109	0.277953	1.2106	1.2106
cg14457256	0.0896158	0.525027	-1.90466	0.021541	0.386572	-2.58684
cg20707765	0.00960849	0.492342	-2.03111	0.0040808	0.434704	-2.30041
cg16920551	0.00332093	0.576386	-1.73495	1.02E-05	0.271444	-3.684
cg18733757	0.00412484	0.556137	-1.79812	0.000328502	0.41275	-2.42277
cg25670688	0.024793	1.67568	1.67568	0.000421825	0.339794	-2.94296
cg03271650	0.225215	0.589968	-1.69501	0.00159745	0.153179	-6.5283
cg25780389	0.592089	1.20156	1.20156	0.549711	1.22811	1.22811
cg00022688	0.154032	0.598397	-1.67113	0.000312823	0.139928	-7.14651
cg02273922	0.0340896	0.423111	-2.36345	0.00271065	0.236782	-4.2233
cg04844987	0.0239574	0.463022	-2.15972	0.000648637	0.224207	-4.46016
cg14991821	0.152542	1.34853	1.34853	0.0535809	1.53383	1.53383
cg24786495	0.770074	1.03984	1.03984	0.000559246	2.04081	2.04081
cg25309041	0.110399	0.664206	-1.50556	0.0226354	0.526296	-1.90007
cg02257405	0.110444	0.794876	-1.25806	0.050862	1.34121	1.34121
cg02698332	0.298874	0.842155	-1.18743	0.00604523	1.77201	1.77201
cg04206517	0.864556	1.06266	1.06266	0.590344	0.824096	-1.21345
cg27097034	0.966249	0.992747	-1.00731	0.254832	1.22696	1.22696
cg19986872	0.935822	1.04426	1.04426	0.485254	0.682914	-1.46431
cg01185278	0.777464	1.09862	1.09862	0.136062	1.70435	1.70435
cg00607526	0.0413982	0.512507	-1.95119	0.0123864	0.412851	-2.42218
cg01555300	0.891862	0.983473	-1.0168	0.0967809	0.799842	-1.25025
cg07246873	0.907554	0.977009	-1.02353	6.23E-05	0.228255	-4.38107
cg09967487	0.536984	1.19234	1.19234	0.233027	0.703362	-1.42174
cg02009395	0.347441	1.44911	1.44911	0.000244848	0.0978859	-10.216
cg16940935	0.335734	1.11227	1.11227	0.0535623	0.790567	-1.26491
cg02675179	0.0255223	0.668864	-1.49507	0.114546	1.29705	1.29705
cg09620718	0.281557	0.478261	-2.09091	0.00775529	0.105012	-9.5227
cg10060338	0.970047	1.01441	1.01441	0.00013428	0.0803452	-12.4463
cg00394823	0.00184665	0.380152	-2.63052	0.000133592	0.234955	-4.25613
cg06478823	0.0375767	0.214715	-4.65734	0.309902	0.511673	-1.95437
cg14285764	0.00918459	0.410928	-2.43352	2.47E-05	0.104831	-9.53912
cg21343895	0.0304423	0.441702	-2.26397	0.00276477	0.265511	-3.76632
cg05300045	0.72265	0.828975	-1.20631	0.026241	0.249657	-4.00549
cg27514874	0.0721528	0.291148	-3.43468	0.0172354	0.167968	-5.9535
cg22556898	0.0801016	1.2673	1.2673	0.0455725	1.32274	1.32274
cg02086310	0.0346688	0.368045	-2.71706	0.0325299	0.362166	-2.76116
cg03321508	0.0231433	0.369193	-2.70861	0.0660188	0.469162	-2.13146
cg15273280	0.591005	0.926182	-1.0797	0.0143524	0.652669	-1.53217
cg22869025	0.100967	0.562563	-1.77758	0.250351	0.680668	-1.46914
cg14124376	0.189838	0.615177	-1.62555	0.241624	1.53545	1.53545
cg23676480	0.589947	0.705755	-1.41692	0.0464248	0.231974	-4.31082
cg15988792	0.486523	0.755083	-1.32436	0.408167	1.39956	1.39956
cg22989379	0.46088	0.915897	-1.09183	0.364559	1.1152	1.1152
cg25971823	0.0205677	0.579877	-1.7245	0.00174993	0.418372	-2.39022
cg13368786	0.0144697	0.541482	-1.84678	0.00281113	0.43258	-2.31171
cg21132536	0.101702	0.453446	-2.20533	0.00308724	0.167364	-5.97499
cg19310375	0.00117387	0.662081	-1.51039	0.697729	0.966768	-1.03437
cg06342430	0.126258	0.61264	-1.63228	0.313893	0.734547	-1.36138
cg11649376	0.906395	0.975136	-1.0255	1.88E-05	0.155226	-6.44224
cg26461449	0.492872	1.09532	1.09532	0.164824	1.21375	1.21375
cg18545424	0.939544	0.977518	-1.023	0.000698154	0.212214	-4.71223
cg22246906	0.00759891	0.490579	-2.03841	0.0651579	1.53654	1.53654
cg04568492	0.653261	0.834071	-1.19894	0.380054	0.696779	-1.43517
cg00034468	0.371555	1.18142	1.18142	0.898163	1.02354	1.02354
cg02970384	0.596684	1.51921	1.51921	0.793005	1.22867	1.22867
cg09990481	0.100078	1.28996	1.28996	0.0774622	0.757803	-1.3196
cg07216529	0.310278	1.18006	1.18006	0.0212618	1.54746	1.54746
cg03221266	0.0820495	0.60244	-1.65992	0.41722	0.804071	-1.24367
cg10894512	0.128564	0.721318	-1.38635	0.0490584	0.639647	-1.56336
cg07436807	0.297567	0.757444	-1.32023	0.826488	1.0581	1.0581
cg26479099	0.484241	1.21368	1.21368	0.219723	1.4213	1.4213
cg19015961	0.304906	1.29591	1.29591	0.537115	1.16471	1.16471
cg19335412	0.398212	1.51145	1.51145	0.713167	0.83835	-1.19282
cg19573567	0.57256	0.854888	-1.16974	0.723653	0.906998	-1.10254
cg02356111	0.0571367	1.74913	1.74913	0.470657	0.826419	-1.21004
cg23162587	0.000272345	2.60815	2.60815	0.00100034	0.456086	-2.19257
cg14145074	0.113164	1.44587	1.44587	0.165099	0.728566	-1.37256
cg03324421	0.597195	0.894194	-1.11833	0.000193213	0.26821	-3.72843
cg01741041	0.465306	1.17751	1.17751	0.551257	1.14176	1.14176
cg04490349	0.0110809	2.16455	2.16455	0.000912342	3.32666	3.32666
cg26636061	0.665068	1.04515	1.04515	0.0215678	1.32283	1.32283
cg26657920	6.92E-06	0.373967	-2.67404	4.26E-09	0.0782422	-12.7808
cg20772593	0.448215	1.1318	1.1318	0.000104603	0.333421	-2.99921
cg11271345	0.778466	0.928968	-1.07646	0.375793	1.26803	1.26803
cg26053864	0.919074	0.975065	-1.02557	0.0501565	0.574148	-1.74171
cg02532725	0.291171	1.18963	1.18963	0.0136035	1.62249	1.62249
cg05852231	0.616234	0.795433	-1.25718	0.354631	1.53925	1.53925
cg05432213	0.0462811	2.27338	2.27338	0.00218201	4.69429	4.69429
cg24519084	0.493453	1.22506	1.22506	0.459913	0.802835	-1.24559
cg05036147	0.961721	1.00365	1.00365	0.830021	0.983793	-1.01647
cg10854807	0.21101	0.837871	-1.1935	0.466451	1.10459	1.10459
cg03909849	0.647015	0.917326	-1.09013	0.00183655	0.436829	-2.28923
cg05488523	0.103864	2.51618	2.51618	0.0043058	0.137987	-7.24708
cg20335959	0.0950769	1.29128	1.29128	0.662936	1.06303	1.06303
cg05050789	0.4183	0.732587	-1.36503	0.0684953	0.459133	-2.17802
cg26857837	0.0686416	0.551967	-1.8117	0.00596551	0.350572	-2.85248
cg01369328	0.0213193	0.408514	-2.4479	0.587463	1.1939	1.1939
cg23173910	0.0444245	0.52657	-1.89908	0.0204912	0.460373	-2.17215
cg24691835	0.00649009	0.409764	-2.44043	0.0820376	0.615176	-1.62555
cg02274550	0.117901	0.444673	-2.24885	0.00882554	0.203659	-4.91016
cg23557788	0.750773	1.04797	1.04797	0.0728535	0.745114	-1.34208
cg12039197	0.0210129	0.367676	-2.71978	0.0217284	0.370484	-2.69917
cg15278957	0.000213002	0.569474	-1.75601	0.335445	0.913566	-1.09461
cg25958740	0.00335782	0.377632	-2.64808	0.0167714	2.03881	2.03881
cg20250700	0.329146	1.3642	1.3642	7.71E-06	0.0484251	-20.6504
cg05729836	0.303246	1.28511	1.28511	0.00122074	0.328513	-3.04402
cg19014623	0.00759991	1.87348	1.87348	0.555229	0.896617	-1.1153
cg08572611	0.205161	1.2003	1.2003	0.196036	0.829667	-1.2053
cg20497359	0.0401667	0.172099	-5.81061	0.00477406	0.0620217	-16.1234
cg24471254	0.0120648	0.160452	-6.23239	0.0605054	0.290181	-3.44612
cg03369957	0.009863	0.42325	-2.36267	0.265999	0.736698	-1.35741
cg14561444	0.135493	1.07897	1.07897	4.82E-07	1.94904	1.94904
cg11628026	0.135509	1.16121	1.16121	0.000117234	1.8714	1.8714
cg14480594	0.306265	0.808725	-1.23651	0.00372709	2.19266	2.19266
cg00065385	0.0871239	0.761054	-1.31397	0.0395745	1.41066	1.41066
cg19863405	0.168016	1.25215	1.25215	0.0119344	1.61629	1.61629
cg13420043	0.238782	0.854874	-1.16976	0.0133784	1.47602	1.47602
cg02798703	0.210599	0.426449	-2.34495	0.0199577	0.162906	-6.13851
cg09941542	0.249668	0.73556	-1.35951	0.0212191	0.493058	-2.02816
cg02772379	0.577231	1.13945	1.13945	0.484355	1.1791	1.1791
cg10376517	0.1397	0.80323	-1.24497	0.623548	0.934068	-1.07059
cg06687562	0.872943	1.02782	1.02782	0.00365501	0.509662	-1.96209
cg17142039	0.660023	1.06919	1.06919	0.0425651	1.42321	1.42321
cg18931750	0.696715	1.0731	1.0731	0.197108	0.782231	-1.27839
cg23239891	0.257267	0.601005	-1.66388	0.000651582	0.1053	-9.49666
cg20587168	0.0226115	0.50964	-1.96217	0.0502464	0.576314	-1.73516
cg02339243	0.153707	0.554435	-1.80364	0.000411633	0.114681	-8.71983
cg23476937	0.130412	1.71602	1.71602	0.00326076	0.265542	-3.76588
cg01621764	0.00566499	0.312567	-3.19932	0.00760282	0.332949	-3.00347
cg12148774	0.199164	0.433006	-2.30944	0.785603	0.845163	-1.1832
cg19611002	0.098052	0.286387	-3.49178	0.006364	0.0865567	-11.5531
cg13607935	0.125524	0.652682	-1.53214	0.311287	1.30941	1.30941

Probeset ID	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04753738	0.930821	0.944355	-1.05892	0.765089	1.21847	1.21847	3.6862	25.3838	6.12104	1
cg04360875	0.447706	1.14198	1.14198	0.595743	0.912229	-1.09622	3.6521	1.70257	0.414389	1
cg16692470	0.100968	0.782784	-1.27749	0.299879	0.863748	-1.15774	3.65208	1.07515	0.261683	1
cg00372249	0.0122322	0.536253	-1.86479	0.000303785	0.309776	-3.22814	15.0669	9.511	0.561113	1
cg03422749	0.118252	1.39091	1.39091	0.894251	1.02621	1.02621	11.4252	6.84841	0.532811	1
cg01714284	0.762742	1.09062	1.09062	0.00155525	0.271644	-3.68129	10.0299	13.0398	1.15564	1
cg22779802	0.00138576	1.99972	1.99972	0.868937	0.975614	-1.025	7.46444	2.64209	0.314628	1
cg07730946	0.171118	0.812571	-1.23066	0.0484197	0.725296	-1.37875	5.57371	1.79072	0.285582	1
cg07942479	0.0899491	3.4201	3.4201	0.183751	2.52902	2.52902	3.66546	25.1285	6.09376	1
cg22671547	0.27059	0.821166	-1.21778	0.00190727	0.46987	-2.12825	8.11069	3.78997	0.415361	1
cg02116856	0.0756802	1.34746	1.34746	0.411015	0.880912	-1.13519	14.6587	5.28164	0.320273	1
cg08726005	0.425757	1.19009	1.19009	0.921829	1.02122	1.02122	11.7376	8.51119	0.644555	1
cg01233736	0.173712	1.11136	1.11136	0.129718	1.12683	1.12683	10.9304	0.921227	0.0749168	1
cg07604043	0.00113088	2.92018	2.92018	0.484167	0.852967	-1.17238	8.28926	6.56873	0.70439	1
cg14685946	0.24344	1.37416	1.37416	0.0566637	0.570169	-1.75387	6.55141	7.03686	0.954755	1
cg03954616	0.336548	1.1449	1.1449	0.0373248	0.718907	-1.391	6.06916	1.79256	0.262538	1
cg08147886	0.535338	1.07637	1.07637	0.305777	1.13237	1.13237	4.71791	1.02695	0.193485	1
cg10146146	0.0481368	1.90688	1.90688	0.999475	0.999812	-1.00019	4.48814	5.80517	1.14973	1
cg17492904	0.0420787	2.09562	2.09562	0.301492	1.38379	1.38379	4.39107	5.94381	0.902409	1
cg18445504	0.755866	1.05425	1.05425	0.427363	0.871728	-1.14715	11.4774	5.21625	0.403982	1
cg14457256	0.176007	0.609362	-1.64106	0.816551	1.08329	1.08329	3.68257	6.91373	1.66882	1
cg20707765	0.740721	1.07441	1.07441	0.140012	0.709499	-1.40945	10.2902	7.61393	0.657704	1
cg16920551	0.00902727	0.632922	-1.57997	0.00061965	0.483869	-2.06667	21.9501	6.602	0.267354	1
cg18733757	0.0374696	1.44518	1.44518	0.00216021	0.518523	-1.92855	16.6831	6.14678	0.327504	1
cg25670688	0.224388	1.27961	1.27961	0.0386863	1.58815	1.58815	9.43789	5.57865	0.525414	1
cg03271650	0.0340611	0.358878	-2.78646	0.0357668	0.36343	-2.75156	5.99248	16.2887	2.41617	1
cg25780389	0.101566	1.83774	1.83774	0.926918	0.969335	-1.03164	3.81694	6.96707	1.62249	1
cg00022688	0.00452109	0.279941	-3.57218	0.0198703	0.38827	-2.57553	9.17959	16.4621	1.59407	1
cg02273922	0.00690709	0.296401	-3.37381	0.0127722	0.341002	-2.93253	8.234	15.7739	1.70285	1
cg04844987	0.0109635	0.401513	-2.49058	0.0241247	0.463601	-2.15703	6.56583	8.49712	1.15035	1
cg14991821	0.205292	1.29793	1.29793	0.00412347	0.472028	-2.11852	5.80101	3.4985	0.536075	1
cg24786495	0.17349	1.21292	1.21292	0.903052	0.983889	-1.01637	8.3039	2.33651	0.250111	1
cg25309041	0.58215	0.877481	-1.13963	0.0463936	0.584742	-1.71016	7.59668	6.65483	0.778684	1
cg02257405	0.952663	1.00787	1.00787	0.0500538	1.34297	1.34297	5.45756	1.5055	0.245205	1
cg02698332	0.120141	1.30864	1.30864	0.137717	0.774893	-1.2905	4.02902	1.62431	0.358358	1
cg04206517	0.526583	1.2566	1.2566	0.602742	1.20554	1.20554	3.89779	7.82316	1.78407	1
cg27097034	0.882111	1.02586	1.02586	0.272372	0.821561	-1.21719	3.78733	1.77532	0.416668	1
cg19986872	0.496022	1.45026	1.45026	0.602765	0.753987	-1.32628	3.52652	16.1545	4.07187	1
cg01185278	0.401015	1.33021	1.33021	0.236418	1.50955	1.50955	3.48014	6.07327	1.55122	1
cg00607526	0.329665	1.33091	1.33091	0.364481	0.767355	-1.30318	3.77031	4.82184	1.1368	1
cg01555300	0.000723125	0.532556	-1.87774	0.519306	1.08333	1.08333	38.4939	9.15089	0.211309	1
cg07246873	0.0528764	0.643671	-1.55359	0.13927	0.727159	-1.37521	18.1552	11.5277	0.564402	1
cg09967487	0.960375	0.986117	-1.01408	0.0019823	0.292475	-3.4191	9.56817	11.9994	1.11475	1
cg02009395	0.00741264	0.266435	-3.75327	0.0139774	0.312267	-3.20239	8.67971	20.2108	2.06979	1
cg16940935	0.00171592	0.618947	-1.61565	0.667953	0.954796	-1.04734	6.95044	1.26488	0.161765	1
cg02675179	0.0314195	0.682169	-1.46591	0.251526	0.833987	-1.19906	5.03982	1.83301	0.323294	1
cg09620718	0.0858527	0.286182	-3.49428	0.0180717	0.150681	-6.63656	3.94908	27.1688	6.11537	1
cg10060338	0.0161363	3.07068	3.07068	0.337171	1.4581	1.4581	14.152	32.5586	2.04501	1
cg00394823	0.694442	0.917254	-1.09021	0.00101589	0.344291	-2.90452	12.6707	9.60429	0.673772	1
cg06478823	0.139876	0.363149	-2.75369	0.0119933	0.135528	-7.37858	5.33987	34.3917	5.72494	1
cg14285764	0.0218045	0.477055	-2.09619	0.000852819	0.259939	-3.84706	15.0813	17.2654	1.01762	1
cg21343895	0.0131184	0.372247	-2.68639	0.0122186	0.366808	-2.72622	10.2809	16.8028	1.45277	1
cg05300045	0.00640474	0.154602	-6.46823	0.117681	0.408891	-2.44564	3.48017	15.2688	3.8999	1
cg27514874	0.086199	0.311753	-3.20766	0.056139	0.264494	-3.78081	3.40495	20.3843	5.32149	1
cg22556898	0.046174	1.32143	1.32143	0.0010946	0.555677	-1.79961	11.9922	2.82702	0.209545	1
cg02086310	0.00107061	0.140613	-7.11174	0.00456799	0.215921	-4.63133	6.61786	17.2674	2.3193	1
cg03321508	0.00275983	0.219736	-4.55091	0.0191102	0.353185	-2.83138	5.69997	12.1567	1.89579	1
cg15273280	0.0147507	0.654288	-1.52838	0.607641	0.929408	-1.07595	4.51357	1.42842	0.281309	1
cg22869025	0.0611497	0.508786	-1.96546	0.233494	0.670299	-1.49187	4.39683	7.1418	1.44383	1
cg14124376	0.679957	1.15619	1.15619	0.559583	1.22928	1.22928	3.73389	7.23903	1.72332	1
cg23676480	0.0145778	0.145581	-6.86904	0.0167492	0.154086	-6.48988	3.61501	23.4899	5.77589	1
cg15988792	0.0120422	0.288161	-3.47028	0.196552	0.581262	-1.72039	4.18181	10.4563	2.22261	1
cg22989379	0.379718	0.899919	-1.11121	0.397194	0.903526	-1.10677	7.21293	1.56438	0.192787	1
cg25971823	0.0320018	0.612141	-1.63361	0.000230043	0.302741	-3.30315	21.9221	13.2485	0.537193	1
cg13368786	0.719225	0.929142	-1.07626	0.00962398	0.513151	-1.94874	16.6086	10.902	0.583475	1
cg21132536	0.00255389	0.157665	-6.34254	0.0345553	0.336911	-2.96815	8.4219	25.9896	2.74307	1
cg19310375	0.300559	1.09734	1.09734	0.947864	0.994353	-1.00568	5.93058	0.704289	0.10556	1
cg06342430	0.00059772	0.20825	-4.80193	0.0499224	0.515663	-1.93925	5.79176	8.04752	1.23509	1
cg11649376	0.00282692	2.41139	2.41139	0.642267	0.904717	-1.10532	16.5255	11.9912	0.644994	1
cg26461449	0.922962	1.01273	1.01273	0.648271	0.941727	-1.06188	6.50839	1.76161	0.240593	1
cg18545424	0.952947	0.982466	-1.01785	0.011609	0.388356	-2.57496	5.97587	8.50527	1.26513	1
cg22246906	0.239124	1.29143	1.29143	0.348386	0.818501	-1.22175	4.17723	2.84721	0.605869	1
cg04568492	4.25E-06	71.0992	71.0992	0.834883	1.08735	1.08735	21.2135	54.0872	2.26636	1
cg00034468	2.69E-06	7.77641	7.77641	0.0438599	1.52336	1.52336	18.4416	9.64382	0.464835	1
cg02970384	0.00321818	23.2926	23.2926	0.0517575	5.6598	5.6598	3.80131	36.9161	8.63236	1
cg09990481	0.918596	1.01455	1.01455	0.00305154	0.563606	-1.77429	23.8672	7.54762	0.281096	1
cg07216529	0.390672	1.14878	1.14878	0.513365	0.900749	-1.11019	13.2616	5.22311	0.350091	1
cg03221266	0.645864	1.12942	1.12942	0.0377143	0.530489	-1.88505	10.2416	11.2219	0.973968	1
cg10894512	0.23873	0.782396	-1.27813	0.00373328	0.458949	-2.17889	9.88122	6.18943	0.556785	1
cg07436807	0.690508	0.902163	-1.10845	0.0463917	0.556019	-1.7985	8.81187	9.23637	0.93171	1
cg26479099	0.145871	1.53012	1.53012	0.0543805	0.551737	-1.81246	8.74702	10.2814	1.04482	1
cg19015961	0.685739	1.10434	1.10434	0.0996255	0.643835	-1.55319	7.55563	7.12314	0.838008	1
cg19335412	0.0011811	0.103115	-9.69795	0.288995	0.591186	-1.69152	5.56143	20.0871	3.21053	1
cg19573567	0.369875	1.28815	1.28815	0.368718	1.28898	1.28898	9.25385	11.0807	1.06437	1
cg02356111	0.72384	0.911957	-1.09654	0.52068	1.18428	1.18428	29.5214	31.5551	0.950124	1
cg23162587	0.470155	0.888645	-1.12531	0.110876	1.32194	1.32194	11.3765	4.65184	0.363466	1
cg14145074	0.000433414	3.28722	3.28722	0.358624	0.817194	-1.2237	9.96306	7.21718	0.643905	1
cg03324421	0.206664	1.3222	1.3222	0.269115	0.785567	-1.27297	7.69533	5.35966	0.619095	1
cg01741041	0.00146598	2.74573	2.74573	0.564556	0.879793	-1.13663	5.72418	4.38399	0.680775	1
cg04490349	0.0365114	1.80253	1.80253	0.158747	0.694067	-1.44078	5.33812	4.96876	0.827384	1
cg26636061	0.202891	1.14599	1.14599	0.0225966	0.758209	-1.3189	3.76731	0.613194	0.144682	1
cg26657920	0.811086	1.02393	1.02393	0.0063972	0.70445	-1.41955	103.065	15.9166	0.137274	1
cg20772593	0.293353	1.19078	1.19078	0.405496	0.872556	-1.14606	14.5271	5.90351	0.361225	1
cg11271345	0.267308	0.739408	-1.35243	0.956708	0.985918	-1.01428	3.70819	4.00836	0.960843	1
cg26053864	0.102534	0.641527	-1.55878	0.770998	0.930048	-1.07521	5.77323	5.64502	0.869148	1
cg02532725	0.00203513	0.501812	-1.99278	0.933744	1.01327	1.01327	5.15688	2.05255	0.353797	1
cg05852231	0.627505	1.24791	1.24791	0.330734	1.57546	1.57546	4.77187	15.5028	2.88782	1
cg05432213	0.0959541	1.93037	1.93037	0.24888	1.54275	1.54275	3.65186	7.48422	1.82172	1
cg24519084	0.492907	1.22538	1.22538	0.223129	1.45298	1.45298	5.04426	6.80574	1.1993	1
cg05036147	0.362947	1.07365	1.07365	0.00607948	1.31293	1.31293	8.42318	0.770662	0.0813272	1
cg10854807	0.29686	0.864871	-1.15624	0.0437188	0.732573	-1.36505	7.0245	2.0044	0.253639	1
cg03909849	0.623186	1.09712	1.09712	0.830951	0.960777	-1.04082	6.03384	3.3476	0.493159	1
cg05488523	0.0181777	0.225821	-4.42828	0.213473	0.506757	-1.97333	5.78241	24.655	3.79004	1
cg20335959	0.491024	1.1024	1.1024	0.0264087	1.44325	1.44325	5.5841	1.71791	0.273461	1
cg05050789	0.0388127	0.399251	-2.50469	0.538826	1.26338	1.26338	6.2988	13.7332	1.69577	1
cg26857837	0.187522	0.665459	-1.50272	0.0138734	0.412104	-2.42657	5.52806	7.44369	1.19691	1
cg01369328	0.910888	1.03689	1.03689	0.432097	0.771516	-1.29615	3.57982	5.93467	1.47361	1
cg23173910	0.00503459	0.356744	-2.80313	0.00209758	0.300497	-3.32782	5.36805	6.56265	1.0867	1
cg24691835	0.00887038	0.431769	-2.31605	0.00427196	0.381398	-2.62193	5.17987	5.21624	0.89513	1
cg02274550	0.0241962	0.277298	-3.60623	0.322734	0.614146	-1.62828	4.45648	16.0787	3.20705	1
cg23557788	0.113446	0.776259	-1.28823	0.676405	1.06366	1.06366	3.80593	1.30323	0.304374	1
cg12039197	0.0391318	0.422994	-2.3641	0.0152712	0.341786	-2.92581	5.37238	11.0523	1.82865	1
cg15278957	0.00206471	0.673745	-1.48424	0.0228611	0.780491	-1.28124	10.7345	1.40823	0.116611	1
cg25958740	0.664241	0.898901	-1.11247	0.145265	0.682707	-1.46476	4.37438	4.12618	0.838453	1
cg20250700	0.955537	1.01734	1.01734	0.247176	0.688575	-1.45227	21.77	32.7866	1.33871	1
cg05729836	0.394094	1.22795	1.22795	0.00150688	0.341089	-2.93179	15.0398	13.1811	0.779035	1
cg19014623	0.000212699	3.10065	3.10065	0.0652495	1.46008	1.46008	8.27361	4.38246	0.470837	1
cg08572611	0.390836	0.886847	-1.12759	0.264713	1.17206	1.17206	7.34181	2.16895	0.262599	1
cg20497359	0.0287567	0.147463	-6.78135	0.0207695	0.126719	-7.8915	5.15765	44.9914	7.75399	1
cg24471254	0.133015	0.387732	-2.5791	0.888904	0.921546	-1.08513	3.73214	20.1972	4.8104	1
cg03369957	0.754834	1.08609	1.08609	0.477522	0.826628	-1.20973	3.64321	4.01066	0.978541	1
cg14561444	0.444348	1.03752	1.03752	2.16E-05	1.49726	1.49726	155.648	5.50155	0.0314187	1
cg11628026	0.138864	0.862432	-1.15951	0.145102	0.864708	-1.15646	10.1802	1.39146	0.121496	1
cg14480594	0.00554553	2.07585	2.07585	0.0117321	0.532067	-1.87946	7.36705	4.68677	0.565493	1
cg00065385	0.126423	0.787424	-1.26996	0.811987	0.966143	-1.03504	3.63513	1.20284	0.294129	1
cg19863405	0.460085	1.12199	1.12199	0.369484	0.868441	-1.15149	11.2974	4.19088	0.32974	1
cg13420043	0.107693	0.800033	-1.24995	0.469192	1.09811	1.09811	4.3678	1.11731	0.227384	1
cg02798703	0.00704729	0.105371	-9.49031	0.0648702	0.261989	-3.81696	4.09383	27.0626	5.87606	1
cg09941542	0.098446	0.629628	-1.58824	0.0469847	0.559659	-1.7868	10.5986	10.9391	0.917441	1
cg02772379	0.562269	0.872996	-1.14548	0.961451	1.01127	1.01127	7.59276	6.46273	0.756595	1
cg10376517	0.360275	1.13846	1.13846	0.00957211	0.636146	-1.57197	7.51287	2.26181	0.267607	1
cg06687562	0.259903	0.8175	-1.22324	0.505405	1.12285	1.12285	4.42245	2.05915	0.413878	1
cg17142039	0.750778	0.952981	-1.04934	0.0158831	0.639917	-1.5627	3.65414	1.32201	0.321586	1
cg18931750	0.162062	0.764224	-1.30852	0.0261563	0.621732	-1.60841	12.6656	6.5078	0.456724	1
cg23239891	0.921815	0.958604	-1.04318	0.0672731	0.413504	-2.41836	10.2534	30.116	2.61083	1
cg20587168	0.00151762	3.08841	3.08841	0.0433541	1.77486	1.77486	9.44465	9.11907	0.858247	1
cg02339243	0.00725991	0.262539	-3.80896	0.0176465	0.328014	-3.04865	8.53283	20.1516	2.09925	1
cg23476937	0.230143	1.5162	1.5162	0.163698	1.63452	1.63452	6.47273	11.2032	1.53852	1
cg01621764	0.071127	1.90766	1.90766	0.865692	0.947209	-1.05573	6.30615	10.2522	1.44511	1
cg12148774	0.395144	1.71139	1.71139	0.219958	0.451241	-2.21611	3.9218	23.6429	5.35874	1
cg19611002	0.331144	0.501129	-1.9955	0.102446	0.291899	-3.42585	3.58152	26.9298	6.68365	1
cg13607935	0.0313361	1.91543	1.91543	0.21003	0.711807	-1.40487	26.0067	27.2775	0.932322	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17925308	ACTN1;ACTN1;ACTN1	0.000384455	0.508042	0.937422	-1.06676	6.98E-05	0.497172	-2.01138	0.0130158	1.34518	1.34518	0.607351	0.951343	-1.05115	0.612041	1.05045	1.05045	0.00238739	1.50293	1.50293	0.000335489	1.74471	1.74471	0.61821	1.04954	1.04954	0.113449	0.847247	-1.18029	15.3671	2.25408	0.130384	1
cg00841968	ACTN1;ACTN1;ACTN1	0.000921601	3.23E-05	0.0909863	-10.9907	0.835391	1.06363	1.06363	0.208515	1.48157	1.48157	0.224013	0.684731	-1.46043	0.0418332	0.498823	-2.00472	0.00325688	0.304381	-3.28536	0.149272	0.632239	-1.58168	0.00267721	0.292075	-3.42378	0.00752117	0.36065	-2.77277	12.0417	16.7647	1.23753	1
cg15364504	ACTN1;ACTN1;ACTN1	0.00368106	0.535134	1.1497	1.1497	0.0013855	2.80004	2.80004	0.112357	1.46804	1.46804	0.161193	0.71723	-1.39425	0.00630866	0.453811	-2.20356	0.00618047	2.21032	2.21032	0.770422	1.06715	1.06715	0.00478616	2.29717	2.29717	0.558294	1.14052	1.14052	8.05119	6.29036	0.694485	1
cg07021447	ACTN1;ACTN1;ACTN1	0.00421115	0.00082369	0.258736	-3.86494	0.0155959	2.21581	2.21581	0.221638	0.70845	-1.41153	0.0373127	0.522846	-1.91261	0.0426572	0.534648	-1.87039	0.392007	1.26528	1.26528	0.868797	1.04536	1.04536	0.98187	0.993922	-1.00612	0.00233576	0.319782	-3.12713	7.7315	8.81506	1.01346	1
cg09307193	ACTN1;ACTN1;ACTN1	0.00460799	0.435311	1.35462	1.35462	0.00480443	0.240054	-4.16572	0.43635	0.738743	-1.35365	0.230146	1.61622	1.61622	0.000223712	0.0961226	-10.4034	0.367609	0.702639	-1.42321	0.0742114	2.13534	2.13534	0.840518	1.07986	1.07986	0.555078	1.25562	1.25562	7.52336	17.3262	2.0471	1
cg21350283	ACTN1;ACTN1;ACTN1	0.00469119	0.160715	1.14915	1.14915	0.0314296	0.791236	-1.26385	0.299363	1.10494	1.10494	0.0318292	0.791815	-1.26292	0.000679514	1.619	1.619	0.263547	0.897502	-1.1142	0.0928565	0.842351	-1.18715	0.012548	0.749704	-1.33386	0.573015	0.948531	-1.05426	7.48255	1.02018	0.121192	1
cg00000289	ACTN1;ACTN1;ACTN1	0.0104372	0.294973	0.801212	-1.24811	0.00102509	0.370415	-2.69967	0.00557015	0.475681	-2.10225	0.459379	0.85751	-1.16617	0.0128305	0.532252	-1.87881	0.270088	0.791098	-1.26407	0.0619669	1.53553	1.53553	0.643611	0.90931	-1.09974	0.568302	0.888986	-1.12488	5.83015	3.84482	0.586198	1
cg00739471	ACTN1;ACTN1;ACTN1	0.011092	0.154393	0.717262	-1.39419	0.230251	1.3157	1.3157	0.233158	1.31325	1.31325	0.305867	1.25999	1.25999	0.00907963	0.485439	-2.05999	0.747364	1.07299	1.07299	0.00206593	0.388392	-2.57472	0.0258233	1.78052	1.78052	0.432226	0.839691	-1.19091	5.71715	4.30251	0.668943	1
cg26303870	ACTN1;ACTN1;ACTN1	0.0113914	0.256314	0.672502	-1.48698	0.000878658	5.31263	5.31263	0.110675	1.78964	1.78964	0.610944	1.18743	1.18743	0.227684	0.65441	-1.52809	0.00726257	3.18856	3.18856	0.0318617	2.32148	2.32148	0.129594	1.73034	1.73034	0.410878	1.32522	1.32522	5.66821	10.0652	1.57843	1
cg13693582	ACTN1;ACTN1;ACTN1	0.0198578	0.378643	0.645639	-1.54885	0.0935575	0.409287	-2.44327	0.846611	0.910457	-1.09835	0.0347485	0.303571	-3.29413	0.0252479	0.275608	-3.62834	0.120042	0.441802	-2.26346	0.00102328	0.0946008	-10.5707	0.823347	1.11439	1.11439	0.0165614	0.242251	-4.12795	4.71598	17.524	3.303	1
cg02057747	ACTN1;ACTN1;ACTN1	0.0332946	0.181979	1.5691	1.5691	0.0156039	2.56732	2.56732	0.219469	0.663232	-1.50777	0.468836	0.791073	-1.26411	0.348277	1.35945	1.35945	0.0445697	2.08225	2.08225	0.00948069	2.84418	2.84418	0.0606287	1.95946	1.95946	0.331266	0.72704	-1.37544	3.93745	6.30608	1.42361	1
cg13777668	ACTN1;ACTN1;ACTN1	0.0377878	0.00462387	0.11871	-8.42389	0.0403614	0.262042	-3.81618	0.0581361	0.297876	-3.3571	0.426578	0.631839	-1.58268	0.035242	0.249835	-4.00264	0.368725	0.593261	-1.6856	0.146147	0.413824	-2.41649	0.0450011	0.272253	-3.67306	0.0111804	0.165601	-6.03862	3.76083	19.051	4.50278	1
cg04252710	ACTN1;ACTN1;ACTN1	0.0432822	0.940436	0.973378	-1.02735	0.0205485	0.365142	-2.73866	0.00452715	0.255178	-3.91883	0.397421	0.731351	-1.36733	0.168225	0.588485	-1.69928	0.526287	0.793074	-1.26092	0.0550203	2.19362	2.19362	0.764944	0.897388	-1.11434	0.781302	1.10571	1.10571	3.57713	7.38586	1.83533	1
cg01847441	ACTN1;ACTN1;ACTN1	0.0454117	0.017412	0.541154	-1.8479	0.0788063	0.661008	-1.51284	0.0274261	0.575034	-1.73903	0.926578	1.01974	1.01974	0.135303	1.40697	1.40697	0.566648	0.884401	-1.13071	0.443339	1.1803	1.1803	0.840814	0.958244	-1.04358	0.0178544	0.542986	-1.84167	3.51352	2.50322	0.633293	1
cg08170227	ACTN1;ACTN1;ACTN1	0.0474152	0.321219	0.724941	-1.37942	0.082384	0.546668	-1.82927	0.55456	1.20637	1.20637	0.0478286	2.03432	2.03432	0.369122	0.74863	-1.33577	0.874479	1.05087	1.05087	0.10054	0.568572	-1.75879	0.00736417	2.95654	2.95654	0.818153	0.930266	-1.07496	3.45693	5.3935	1.38684	1
cg21841682	ACTN1;ACTN1;ACTN1;ACTN1;ACTN1;ACTN1	0.00162313	0.769178	1.05449	1.05449	0.151163	0.757792	-1.31962	0.218152	0.791711	-1.26309	0.280051	0.816716	-1.22442	0.440971	1.15221	1.15221	1.64E-05	0.202083	-4.94845	0.320217	0.830945	-1.20345	0.444802	1.15079	1.15079	0.331502	0.834729	-1.19799	10.2439	5.27427	0.457662	1
cg18381395	ACTN2	0.000104983	0.662982	1.07828	1.07828	0.0732155	0.709379	-1.40968	0.000513593	0.393801	-2.53936	8.82E-06	0.190656	-5.24504	0.000173653	0.334388	-2.99054	0.577038	0.907706	-1.10168	5.02E-05	0.270578	-3.6958	0.158443	0.771738	-1.29578	0.0113893	0.580195	-1.72356	21.8543	10.2238	0.415838	1
cg15109151	ACTN2	0.000299963	0.807581	1.05349	1.05349	0.0432216	1.64319	1.64319	0.000146002	0.247616	-4.0385	0.12049	0.697914	-1.43284	2.56E-05	0.168183	-5.94592	0.578114	1.12747	1.12747	0.00249081	0.407558	-2.45364	0.258504	0.777414	-1.28632	0.00580448	0.462245	-2.16335	16.4507	11.8829	0.642073	1
cg23109559	ACTN2	0.000554014	0.0110947	1.58079	1.58079	0.00124614	0.507526	-1.97034	0.0268347	0.685841	-1.45806	0.144002	0.797945	-1.25322	5.86E-05	2.91603	2.91603	0.172277	1.23233	1.23233	0.139853	1.25662	1.25662	0.0467221	1.38743	1.38743	0.11038	1.28427	1.28427	13.889	4.54851	0.291103	1
cg16853982	ACTN2	0.000921168	0.00148898	0.380429	-2.62861	0.00340661	0.431866	-2.31553	0.357767	1.2208	1.2208	0.0642626	0.644943	-1.55052	7.30E-05	0.218247	-4.58197	0.803769	0.948837	-1.05392	0.00285371	0.420606	-2.37752	0.00219891	0.404287	-2.47349	0.48887	0.862155	-1.15988	12.0433	8.48796	0.626476	1
cg20482698	ACTN2	0.0018081	0.712384	0.928465	-1.07705	0.987198	1.00322	1.00322	0.855337	1.03726	1.03726	0.0614692	1.52546	1.52546	0.235528	0.779428	-1.28299	0.0228722	1.72594	1.72594	6.47E-05	0.229666	-4.35415	0.0809731	1.47381	1.47381	0.0629533	1.52093	1.52093	9.92884	6.31824	0.565647	1
cg17219656	ACTN2	0.00271125	0.568377	0.889626	-1.12407	0.0691965	0.662058	-1.51044	0.0520694	0.638732	-1.5656	0.614193	1.10861	1.10861	3.26E-05	0.194447	-5.14279	0.428227	0.848688	-1.17829	0.443458	1.17175	1.17175	0.20242	0.7611	-1.31389	0.174904	0.746262	-1.34001	8.81856	5.74688	0.579271	1
cg00328597	ACTN2	0.00435518	0.313179	0.721787	-1.38545	0.379834	1.32518	1.32518	0.192843	0.650042	-1.53836	0.0764219	0.540088	-1.85155	0.00141348	0.235963	-4.23796	0.00990127	0.361166	-2.76881	0.000517597	0.18404	-5.4336	0.137466	1.64861	1.64861	0.181766	0.642113	-1.55736	7.65323	11.839	1.37505	1
cg04138198	ACTN2	0.0046794	0.0490631	0.411529	-2.42996	0.15831	0.551019	-1.81482	0.00301693	0.200536	-4.98663	0.942721	0.972004	-1.0288	0.00181931	0.173528	-5.76276	0.861743	1.07131	1.07131	0.000371869	0.105355	-9.49172	0.824032	0.915754	-1.092	0.163505	0.55563	-1.79976	7.48827	18.5202	2.19843	1
cg17482237	ACTN2	0.00578461	0.00727333	0.675951	-1.4794	0.00136679	1.69143	1.69143	0.0126426	0.704207	-1.42004	0.112785	1.21564	1.21564	0.266501	0.877248	-1.13993	0.526727	0.930013	-1.07525	0.17159	1.17897	1.17897	0.0926406	1.23286	1.23286	0.764413	1.03458	1.03458	7.01783	1.42232	0.180153	1
cg16672668	ACTN2	0.0156072	0.0620469	0.500386	-1.99846	0.0741067	1.9269	1.9269	0.416524	0.760599	-1.31475	0.882599	0.952469	-1.0499	0.00566322	0.302321	-3.30775	?	?	?	0.00351818	0.271373	-3.68496	0.360982	1.36271	1.36271	0.375971	0.741241	-1.34909	5.20956	7.96516	1.52895	1
cg26406150	ACTN2	0.0193633	0.75142	0.896238	-1.11577	0.0570796	2.10038	2.10038	0.785299	1.0987	1.0987	0.659324	0.858187	-1.16525	0.400491	0.743292	-1.34537	0.000485227	0.151756	-6.58951	0.590912	1.20569	1.20569	0.591584	0.829687	-1.20527	0.399349	1.34638	1.34638	4.75648	8.95178	1.6729	1
cg10372476	ACTN2	0.0245102	0.0146258	0.392867	-2.54539	0.109123	1.72107	1.72107	0.761733	0.909824	-1.09911	0.56561	0.834864	-1.1978	0.00344597	0.291002	-3.43641	0.171479	0.636078	-1.57213	0.0346377	0.465114	-2.15001	?	?	?	0.573465	0.837969	-1.19336	4.46413	6.06942	1.3596	1
cg23233975	ACTN2	0.0285974	0.140174	0.698262	-1.43213	0.916735	1.02395	1.02395	0.0761704	1.56289	1.56289	0.574461	0.879512	-1.13699	0.00115819	0.339581	-2.94481	0.977528	1.00639	1.00639	0.158435	1.40662	1.40662	0.433677	0.834605	-1.19817	0.496019	0.855193	-1.16933	4.15672	3.37159	0.720993	1
cg20282303	ACTN2	0.0310625	0.901802	1.02251	1.02251	0.00503777	0.512216	-1.9523	0.96319	1.00836	1.00836	0.532467	1.12079	1.12079	0.0182341	0.596388	-1.67676	0.507768	1.12883	1.12883	0.0328961	0.637608	-1.56836	0.31729	1.20495	1.20495	0.178606	1.29399	1.29399	4.03653	2.07941	0.457908	1
cg10228323	ACTN2	0.038352	0.825093	1.08526	1.08526	0.663516	1.17564	1.17564	0.0502084	0.43813	-2.28243	0.315588	1.46751	1.46751	0.161961	0.5758	-1.73671	0.0754436	0.481142	-2.07839	0.00219018	0.204331	-4.89402	0.443911	1.33446	1.33446	0.338634	0.694475	-1.43994	3.74049	8.0948	1.92364	1
cg06968741	ACTN2	0.0439856	0.151241	0.446097	-2.24166	0.899029	0.93554	-1.0689	0.11738	0.409543	-2.44175	0.632024	0.776277	-1.2882	0.00419602	0.133593	-7.48545	0.126129	0.419527	-2.38364	0.00811892	0.168827	-5.92321	0.267643	0.54547	-1.83328	0.0336001	0.271762	-3.67969	3.5557	15.5149	3.87857	1
cg15578091	ACTN2	0.0471727	0.447416	1.16415	1.16415	0.225244	1.28404	1.28404	0.193172	1.31036	1.31036	0.607673	0.903347	-1.10699	0.113236	0.712955	-1.40261	0.239492	0.785227	-1.27352	0.00329321	2.19453	2.19453	0.717452	0.931152	-1.07394	0.226033	0.779157	-1.28344	3.46362	2.11364	0.542435	1
cg10819259	ACTN2	0.0476374	0.699441	0.914679	-1.09328	0.00141813	0.345889	-2.8911	0.0772025	0.636569	-1.57092	0.274911	1.29841	1.29841	0.447097	0.836831	-1.19498	0.101873	0.662567	-1.50928	0.504974	0.855974	-1.16826	0.214612	0.740576	-1.3503	0.529527	0.863793	-1.15768	3.45084	2.88823	0.743969	1
cg18770350	ACTN2;ACTN2	0.0402137	0.798884	1.08755	1.08755	0.0823115	0.53118	-1.8826	0.155292	0.60661	-1.64851	0.149848	1.66112	1.66112	0.363288	0.735563	-1.3595	0.934648	1.02732	1.02732	0.115388	1.7553	1.7553	0.00304682	0.263363	-3.79705	0.610845	1.18375	1.18375	3.67591	6.29042	1.52111	1
cg06837765	ACTN3	9.50E-06	2.93E-05	0.339794	-2.94296	0.234575	1.17841	1.17841	0.00240353	0.572833	-1.74571	0.000318929	2.15509	2.15509	2.48E-06	0.222353	-4.49735	3.84E-05	0.353411	-2.82957	3.58E-05	0.349878	-2.85814	0.748236	0.958457	-1.04334	0.121791	0.80172	-1.24732	41.1181	11.3056	0.244404	1
cg05116382	ACTN3	0.00130961	0.636308	1.1248	1.1248	0.914596	0.973862	-1.02684	0.0253791	1.92729	1.92729	0.389099	1.24349	1.24349	0.000220405	0.218761	-4.5712	0.941597	1.01825	1.01825	0.627907	0.886401	-1.12816	0.000696797	0.278842	-3.58626	0.00891773	2.27386	2.27386	10.8961	10.5195	0.858172	1
cg20648847	ACTN3	0.0018842	0.00232814	0.0521749	-19.1663	0.00020215	0.013166	-75.953	0.899175	1.09204	1.09204	0.864495	0.888128	-1.12596	0.0108678	0.108472	-9.21895	0.00229044	0.0517481	-19.3244	0.00281583	0.0573688	-17.4311	0.0174969	0.134149	-7.45442	0.556942	0.661902	-1.5108	9.8107	74.9638	6.79202	1
cg05475524	ACTN3	0.0020487	0.00106965	0.0569386	-17.5628	0.00469995	0.107817	-9.27497	0.00783439	0.132229	-7.56263	0.818619	0.872686	-1.14589	0.00197902	0.0749598	-13.3405	0.000725284	0.047478	-21.0624	0.00576329	0.117067	-8.54211	0.00357055	0.096311	-10.383	0.0941731	0.335896	-2.97711	9.57452	53.2971	4.94805	1
cg05311611	ACTN3	0.00304616	0.165396	0.571621	-1.74941	0.0230585	0.357979	-2.79346	0.548611	0.794982	-1.25789	0.940639	1.02855	1.02855	0.00142723	0.174844	-5.71938	0.588189	1.22955	1.22955	0.000261409	0.103419	-9.66942	0.0063973	0.261561	-3.8232	0.00992583	0.291951	-3.42523	8.51942	19.2795	2.01156	1
cg04663194	ACTN3	0.00783701	0.82553	0.94448	-1.05878	0.0138687	0.455362	-2.19606	0.000220771	0.203471	-4.91472	0.210536	1.40686	1.40686	0.310086	0.762041	-1.31227	0.283613	0.749594	-1.33406	0.08808	0.614474	-1.62741	0.0335764	0.526073	-1.90088	0.702276	0.905408	-1.10447	6.38534	6.76982	0.942412	1
cg17435929	ACTN3	0.0249235	0.391714	0.678197	-1.4745	0.140989	2.01504	2.01504	0.0186933	3.52968	3.52968	0.140461	0.495736	-2.0172	0.00309987	0.166836	-5.99391	0.539177	1.31668	1.31668	0.242776	1.71759	1.71759	0.371499	0.666281	-1.50087	0.561451	0.771192	-1.29669	4.36188	13.5275	2.75671	1
cg10523820	ACTN3;ZDHHC24	0.00161096	0.645671	0.853889	-1.17111	0.0628372	0.489624	-2.04239	0.000952251	5.36624	5.36624	0.00596565	3.40922	3.40922	0.415917	0.753001	-1.32802	0.00843491	3.1509	3.1509	0.0002858	7.54596	7.54596	0.0536718	2.11182	2.11182	0.0960824	1.86549	1.86549	10.2662	18.9266	1.63874	1
cg24912904	ACTN3;ZDHHC24	0.0165831	0.761046	1.11242	1.11242	0.356714	1.39251	1.39251	0.00026617	8.09337	8.09337	0.574115	0.820086	-1.21938	0.392644	0.736471	-1.35783	0.206392	1.59285	1.59285	0.363827	1.38537	1.38537	0.171993	1.66169	1.66169	0.168816	1.66882	1.66882	5.01088	9.6826	1.71761	1
cg24034465	ACTN4	0.000192924	0.00467882	0.484613	-2.0635	0.135261	1.36368	1.36368	0.0128056	1.81421	1.81421	3.01E-05	0.20755	-4.81811	0.592178	0.901065	-1.1098	5.85E-05	0.238305	-4.1963	0.14165	0.737522	-1.35589	0.100646	1.41404	1.41404	0.299386	0.812851	-1.23024	18.5514	10.9056	0.522538	1
cg17659896	ACTN4	0.00948039	0.0233726	0.650713	-1.53678	0.105149	0.755156	-1.32423	0.231051	0.819338	-1.2205	0.185271	0.800268	-1.24958	0.0040743	0.54254	-1.84318	0.268143	0.832816	-1.20074	0.0333038	1.48372	1.48372	0.012737	1.63382	1.63382	0.0796509	0.734529	-1.36142	6.01215	2.39532	0.354145	1
cg21071625	ACTN4	0.0169107	0.0023912	0.353546	-2.82849	0.273876	0.755997	-1.32276	0.0704909	0.608585	-1.64316	0.197799	0.715758	-1.39712	0.00442912	0.39338	-2.54207	0.0372745	0.552167	-1.81105	0.0318103	0.538938	-1.8555	0.242804	1.35024	1.35024	0.182731	0.706551	-1.41533	4.97824	4.75843	0.849641	1
cg13711528	ACTN4	0.0489263	0.0528306	0.648314	-1.54246	0.024218	1.69735	1.69735	0.0844783	1.45614	1.45614	0.516776	1.13819	1.13819	0.894224	0.974145	-1.02654	0.955605	0.989098	-1.01102	0.029322	0.603211	-1.65779	0.170961	1.33252	1.33252	0.223937	1.28605	1.28605	3.41617	2.09788	0.54587	1
cg01276128	ACTN4;ACTN4	0.0186597	0.291175	0.854128	-1.17078	0.00767896	1.6375	1.6375	0.00577496	1.68309	1.68309	0.971318	0.994838	-1.00519	0.0515263	0.726839	-1.37582	0.687126	1.06002	1.06002	0.733644	0.952022	-1.0504	0.0201993	1.49663	1.49663	0.978788	1.00383	1.00383	4.81637	1.58066	0.29172	1
cg18815626	ACTR10	0.00495417	0.000180377	0.0894094	-11.1845	0.352897	0.694806	-1.43925	0.0289727	2.66631	2.66631	0.735088	1.13811	1.13811	0.520637	0.780338	-1.2815	0.13435	0.540667	-1.84957	0.01536	0.321984	-3.10574	0.682206	1.16979	1.16979	0.594209	1.22731	1.22731	7.35925	16.9119	2.04271	1
cg14906010	ACTR10	0.0499848	0.637586	1.05398	1.05398	0.265764	0.879415	-1.13712	0.707533	0.959099	-1.04265	0.546891	1.06989	1.06989	0.0663655	0.795997	-1.25629	0.00321844	0.640523	-1.56122	0.0957439	0.816483	-1.22477	0.869502	1.01839	1.01839	0.0322356	0.757375	-1.32035	3.38852	0.658923	0.172851	1
cg15219811	ACTR1A	0.00249881	0.00221958	0.240969	-4.14991	0.138451	0.58886	-1.6982	0.152448	0.601169	-1.66343	0.00842293	0.327212	-3.05612	0.00226714	0.242204	-4.12875	0.00796072	0.323186	-3.09419	0.000425267	0.156801	-6.37751	0.380596	1.34797	1.34797	0.00819287	0.325232	-3.07473	9.03331	15.7704	1.55182	1
cg19045729	ACTR1A	0.0238347	0.033111	1.85798	1.85798	0.00536676	2.48859	2.48859	0.05005	1.74304	1.74304	0.554407	1.16032	1.16032	0.157587	0.686757	-1.45612	0.281391	0.756998	-1.32101	0.456934	1.2073	1.2073	0.0131929	2.14695	2.14695	0.580462	0.870382	-1.14892	4.42998	4.33844	0.87052	1
cg26477793	ACTR1A	0.038388	0.0244299	0.702337	-1.42382	0.0408443	1.3649	1.3649	0.11648	1.25203	1.25203	0.628701	1.06632	1.06632	0.47205	1.10119	1.10119	0.254571	1.16972	1.16972	0.161573	0.821201	-1.21773	0.0225288	0.697641	-1.4334	0.330504	0.87606	-1.14147	3.7392	1.02838	0.244468	1
cg16006015	ACTR1A;ACTR1A;SUFU	0.00750509	0.554962	0.938901	-1.06507	0.000806819	0.586411	-1.70529	0.117644	0.835757	-1.19652	0.535509	1.06849	1.06849	0.00482582	0.673848	-1.48401	0.216708	0.871761	-1.1471	0.00513062	0.67683	-1.47748	0.167444	1.16808	1.16808	0.293501	0.891323	-1.12193	6.47263	1.14273	0.156931	1
cg22880456	ACTR1B	0.000431403	0.649091	0.937378	-1.06681	0.00464336	1.70152	1.70152	0.0598315	1.34955	1.34955	0.163399	1.23366	1.23366	1.20E-05	0.271029	-3.68964	0.0667535	1.33664	1.33664	0.296823	1.16497	1.16497	0.332218	1.15167	1.15167	0.572639	0.922677	-1.0838	14.8864	4.69825	0.280539	1
cg10737766	ACTR1B	0.000949025	0.0308205	0.743556	-1.34489	0.00211255	1.65704	1.65704	0.015008	1.41815	1.41815	0.168231	1.18718	1.18718	0.00509618	0.648876	-1.54113	0.000376633	0.514721	-1.9428	0.0508675	1.29681	1.29681	0.115916	1.22099	1.22099	0.341262	1.12141	1.12141	11.9422	2.58223	0.192202	1
cg11939193	ACTR1B	0.00271444	0.218644	0.799749	-1.25039	0.659557	1.07957	1.07957	0.634887	0.920703	-1.08613	0.0761113	1.40616	1.40616	4.29E-05	0.26123	-3.82805	0.481958	0.88388	-1.13137	0.23353	0.805964	-1.24075	0.250039	1.23073	1.23073	0.642104	1.08419	1.08419	8.81549	4.16454	0.419921	1
cg01864100	ACTR1B	0.00338413	0.000824912	0.315269	-3.1719	0.158798	0.708131	-1.41217	0.776815	0.936953	-1.06729	0.188236	0.726524	-1.37642	0.0327835	0.564243	-1.77229	0.064555	0.621408	-1.60925	0.000121922	0.215002	-4.65111	0.989657	0.997034	-1.00297	0.323119	0.791476	-1.26346	8.2565	6.86595	0.739183	1
cg03743214	ACTR1B	0.00456739	0.0057238	1.75261	1.75261	0.00138768	0.487815	-2.04996	0.234005	1.21317	1.21317	0.0268622	1.50092	1.50092	0.0239076	1.51801	1.51801	0.297137	1.18224	1.18224	0.0161255	1.57772	1.57772	0.158426	1.26303	1.26303	0.389161	0.872245	-1.14647	7.54361	2.86603	0.337715	1
cg19402613	ACTR1B	0.0184384	0.619173	0.888858	-1.12504	0.0826161	1.57149	1.57149	0.0751249	1.59361	1.59361	0.897218	0.970068	-1.03086	0.138949	0.687623	-1.45429	0.0746753	0.626955	-1.59501	0.00154414	0.342714	-2.91788	0.207077	1.36733	1.36733	0.539313	1.15736	1.15736	4.83579	4.23465	0.778391	1
cg12718641	ACTR1B	0.0253033	0.189394	0.84127	-1.18868	0.962812	1.00581	1.00581	0.210147	1.17844	1.17844	0.78772	1.03413	1.03413	0.0207393	0.707378	-1.41367	0.0129404	1.4675	1.4675	0.0156651	1.44532	1.44532	0.242069	0.858791	-1.16443	0.137549	1.21998	1.21998	4.33898	1.06228	0.21762	1
cg27488206	ACTR1B	0.0319035	0.220879	1.08903	1.08903	0.0103014	1.23891	1.23891	0.0286703	1.18655	1.18655	0.0328528	0.847542	-1.17988	0.074094	1.141	1.141	0.163978	1.10343	1.10343	0.386791	1.06055	1.06055	0.198208	0.913825	-1.0943	0.548306	1.04108	1.04108	3.99819	0.278081	0.0618237	1
cg17525418	ACTR2;ACTR2	0.000556962	0.928029	1.02417	1.02417	0.0812914	1.66677	1.66677	0.0756377	1.68674	1.68674	0.0695239	1.71035	1.71035	5.38E-05	0.136557	-7.32297	0.00180058	0.309217	-3.23398	0.791557	1.07254	1.07254	0.00713342	2.50596	2.50596	0.0468216	1.82515	1.82515	13.8685	15.3512	0.983919	1
cg16480634	ACTR2;ACTR2	0.0210816	0.0839443	0.727958	-1.37371	0.0263416	0.64575	-1.54859	0.21124	1.24444	1.24444	0.267137	0.825354	-1.2116	0.090015	0.733271	-1.36375	0.479749	0.88756	-1.12668	0.0181335	1.61028	1.61028	0.101082	0.742215	-1.34732	0.0288445	1.53405	1.53405	4.6209	2.01742	0.388077	1
cg08053057	ACTR2;ACTR2	0.0449654	0.0327862	0.532912	-1.87648	0.90951	1.02907	1.02907	0.171224	0.692701	-1.44362	0.289696	0.758084	-1.31911	0.0574501	0.581848	-1.71866	0.0425589	0.555158	-1.80129	0.143264	1.48651	1.48651	0.0374241	1.83793	1.83793	0.278396	0.752727	-1.3285	3.52654	3.5475	0.89417	1
cg01726823	ACTR2;ACTR2;ACTR2;ACTR2	0.000229761	0.195498	0.893702	-1.11894	0.0945655	0.859985	-1.16281	0.0919707	0.85875	-1.16448	0.0565191	0.837593	-1.1939	0.0133034	0.777416	-1.28631	0.511708	0.946834	-1.05615	2.60E-06	0.394243	-2.53651	0.00189135	0.696656	-1.43543	0.424239	1.06929	1.06929	17.692	1.8881	0.0948628	1
cg07093324	ACTR3	0.000312045	0.000199861	0.143988	-6.94504	0.0165367	2.48115	2.48115	0.221382	0.671031	-1.49024	0.0139702	0.389776	-2.56557	0.687128	0.881915	-1.1339	0.814391	1.07572	1.07572	0.000306724	0.162156	-6.16689	0.00357149	3.40426	3.40426	0.000621931	0.195151	-5.12423	16.2738	24.8263	1.35604	1
cg00347616	ACTR3	0.000880863	0.242147	0.771698	-1.29584	0.8297	1.04666	1.04666	0.890981	1.02946	1.02946	0.000140634	0.248766	-4.01985	3.55E-05	0.184681	-5.41476	0.0533634	0.628378	-1.5914	0.379483	0.826241	-1.2103	0.157482	0.726142	-1.37714	0.167052	0.732094	-1.36595	12.1965	8.65741	0.630956	1
cg07909749	ACTR3	0.0269846	0.756629	1.04331	1.04331	0.0489699	1.35879	1.35879	0.174623	0.82125	-1.21766	0.00300409	1.74186	1.74186	0.0750519	1.31045	1.31045	0.926521	0.987498	-1.01266	0.0511519	0.738673	-1.35378	0.469053	0.904417	-1.10568	0.604637	1.07383	1.07383	4.24251	1.24983	0.261863	1
cg00558358	ACTR3	0.0287415	0.135707	1.2686	1.2686	0.66124	1.06742	1.06742	0.567452	0.918038	-1.08928	0.906751	1.01749	1.01749	0.0406522	1.41867	1.41867	0.351105	1.15257	1.15257	0.00149294	0.507846	-1.9691	0.946579	1.00996	1.00996	0.315435	1.16601	1.16601	4.14935	1.43869	0.308203	1
cg13288906	ACTR3	0.0329399	0.0187144	0.311888	-3.20628	0.0405777	0.380246	-2.62987	0.0317592	0.35726	-2.79908	0.971915	0.985708	-1.0145	0.0438545	0.387821	-2.57851	0.563819	0.787731	-1.26947	0.00734884	0.243458	-4.10748	0.223589	1.68682	1.68682	0.173948	0.553522	-1.80661	3.95264	10.4667	2.35381	1
cg14001429	ACTR3B;ACTR3B	0.0027376	0.158712	0.811961	-1.23159	0.0538666	0.738863	-1.35343	3.92E-05	0.336792	-2.9692	0.400016	1.1265	1.1265	0.0204501	0.679618	-1.47141	0.722279	1.05058	1.05058	0.314307	0.865991	-1.15475	0.225723	0.838696	-1.19233	0.119447	0.791658	-1.26317	8.79339	2.66253	0.269145	1
cg11078175	ACTR3B;ACTR3B	0.00742697	0.0442937	1.85095	1.85095	0.00189435	3.23229	3.23229	0.110636	0.629216	-1.58928	0.0492142	0.549764	-1.81896	0.00880378	0.411085	-2.43259	0.23489	1.39348	1.39348	0.116166	0.634435	-1.57621	0.328543	1.30833	1.30833	0.864361	0.955457	-1.04662	6.49388	7.30454	0.999853	1
cg20713790	ACTR3B;ACTR3B	0.0223293	0.208448	1.24534	1.24534	0.0288951	1.53151	1.53151	0.016024	1.62869	1.62869	0.94908	0.989489	-1.01062	0.0365623	0.668994	-1.49478	0.149794	1.29109	1.29109	0.561755	1.10194	1.10194	0.268638	0.826438	-1.21001	0.0205411	0.630208	-1.58678	4.53077	1.96442	0.385399	1
cg06384958	ACTR3B;ACTR3B	0.0266182	0.0735637	0.738136	-1.35476	0.187061	0.808284	-1.23719	0.0578048	0.721466	-1.38607	0.127738	1.28485	1.28485	0.391772	0.874988	-1.14287	0.535137	0.908834	-1.10031	0.00246538	1.89802	1.89802	0.954676	0.991387	-1.00869	0.574882	1.09008	1.09008	4.26289	1.56401	0.326124	1
cg14840081	ACTR3B;ACTR3B	0.0321416	0.756217	1.08956	1.08956	0.952472	0.983716	-1.01655	0.0237187	0.475364	-2.10365	0.660466	1.12948	1.12948	0.00239181	0.311698	-3.20823	0.0295904	0.493853	-2.02489	0.0375881	0.514552	-1.94344	0.58826	0.860233	-1.16248	0.231205	0.70757	-1.41329	3.98757	4.7915	1.0681	1
cg18892624	ACTR3C;ACTR3C	0.00111956	0.498715	0.915338	-1.09249	0.61495	1.06751	1.06751	0.754398	0.960382	-1.04125	0.0931436	1.26861	1.26861	2.95E-05	0.348344	-2.87072	0.00109321	0.537691	-1.8598	0.505684	0.916687	-1.09088	0.283437	0.86628	-1.15436	0.0855359	0.782852	-1.27738	11.395	2.99426	0.233574	1
cg11253526	ACTR3C;ACTR3C	0.00219275	0.0652208	1.51643	1.51643	0.136681	0.72433	-1.38059	0.0251381	0.585233	-1.70872	0.515452	0.875769	-1.14185	0.00077242	0.359212	-2.78387	0.00363573	0.453185	-2.2066	0.00592859	0.484838	-2.06254	0.752284	1.06576	1.06576	0.000839598	0.364038	-2.74697	9.38634	6.01489	0.569612	1
cg07502563	ACTR3C;ACTR3C	0.0169652	0.0129504	0.165906	-6.0275	0.655526	0.769907	-1.29886	0.611504	0.742073	-1.34758	0.128454	0.384063	-2.60374	0.00729718	0.13333	-7.50016	0.863564	1.10535	1.10535	0.00116363	0.0622078	-16.0752	0.839591	1.12528	1.12528	0.0844738	0.329092	-3.03866	4.97289	26.7119	4.77467	1
cg19773249	ACTR3C;ACTR3C	0.0333734	0.00107316	0.446846	-2.23791	0.242135	0.81537	-1.22644	0.229584	0.810429	-1.23391	0.128405	0.760322	-1.31523	0.631185	1.08399	1.08399	0.288349	1.20175	1.20175	0.38069	1.16174	1.16174	0.875518	1.02648	1.02648	0.206659	0.800862	-1.24865	3.93411	1.73212	0.391362	1
cg18222543	ACTR3C;ACTR3C	0.0441982	0.0618679	1.41644	1.41644	0.955859	1.00921	1.00921	0.645014	1.07983	1.07983	0.0427334	0.679635	-1.47138	0.16481	0.782429	-1.27807	0.229153	0.811447	-1.23237	0.010448	1.70527	1.70527	0.931703	1.01429	1.01429	0.123915	0.758911	-1.31768	3.54931	1.54095	0.385915	1
cg24474409	ACTR3C;LRRC61;LRRC61	2.64E-05	0.893805	0.971892	-1.02892	8.78E-05	0.222984	-4.48462	0.880991	0.968526	-1.0325	0.234168	1.30503	1.30503	2.09E-05	0.16012	-6.24533	0.000611675	3.08561	3.08561	0.988424	1.0031	1.0031	4.24E-05	0.189775	-5.2694	4.11E-05	0.188413	-5.30749	31.4957	22.7301	0.6415	1
cg21577356	ACTR3C;LRRC61;LRRC61	0.000298489	0.0373076	0.644484	-1.55163	0.00129482	0.426589	-2.34418	0.0487294	1.50554	1.50554	0.00281106	2.11311	2.11311	0.000312798	0.345666	-2.89296	0.375053	1.17996	1.17996	0.00439621	1.99612	1.99612	0.00448997	0.502295	-1.99086	0.00276306	0.47218	-2.11784	16.4729	8.61899	0.465087	1
cg01234517	ACTR3C;LRRC61;LRRC61	0.000867816	0.369087	1.28035	1.28035	0.00152042	0.2943	-3.39789	0.222925	0.70957	-1.40931	0.836999	1.05674	1.05674	0.00014732	0.173988	-5.74752	0.477278	1.21359	1.21359	0.0939361	1.63789	1.63789	0.00204157	0.312039	-3.20473	0.00132704	0.28631	-3.49271	12.248	13.922	1.01038	1
cg18857314	ACTR5	0.00477375	0.350262	0.768414	-1.30138	0.432928	1.24516	1.24516	0.0306691	2.00503	2.00503	0.767475	0.921973	-1.08463	0.220175	0.702435	-1.42362	0.000287144	0.197532	-5.06246	0.467582	0.816671	-1.22448	0.543021	1.18375	1.18375	0.00354986	0.338704	-2.95243	7.44293	8.84908	1.05682	1
cg20010873	ACTR5	0.0266023	0.594276	1.09894	1.09894	0.592262	1.09951	1.09951	0.568856	0.903889	-1.10633	0.686965	1.07368	1.07368	0.384147	0.855052	-1.16952	0.0833987	1.39977	1.39977	0.000677346	0.401828	-2.48863	0.717332	1.06588	1.06588	0.718576	1.06556	1.06556	4.26379	2.07954	0.433531	1
cg19418123	ACTR5	0.0320388	0.52896	1.12035	1.12035	0.00397914	0.501654	-1.99341	0.0337841	0.642984	-1.55525	0.154423	1.31206	1.31206	0.512097	0.888282	-1.12577	0.677464	0.928185	-1.07737	0.0367644	1.54074	1.54074	0.798334	0.955407	-1.04667	0.371881	0.849293	-1.17745	3.99215	2.00714	0.446908	1
cg02741744	ACTR6	0.00077536	0.075938	1.1994	1.1994	0.878203	1.01422	1.01422	0.0596166	1.21616	1.21616	0.0445948	1.23652	1.23652	0.0208174	0.774054	-1.2919	0.527369	1.06072	1.06072	4.62E-05	0.492529	-2.03034	0.167906	1.14488	1.14488	0.0057117	1.39604	1.39604	12.6429	1.69696	0.119309	1
cg26647736	ACTR6	0.00106519	0.00263339	0.477297	-2.09513	0.00198186	2.17328	2.17328	0.425948	0.865507	-1.15539	0.487441	0.882194	-1.13354	0.115465	0.737836	-1.35532	0.485717	1.13412	1.13412	0.000103662	0.295285	-3.38655	0.447533	0.871503	-1.14744	0.113479	1.35797	1.35797	11.5575	5.77801	0.444389	1
cg00393279	ACTR6	0.0019373	0.137867	1.19134	1.19134	0.000758761	0.571611	-1.74944	0.263381	0.880064	-1.13628	0.73626	0.963636	-1.03774	0.682489	1.0461	1.0461	0.000101165	0.470044	-2.12746	0.0141719	0.717746	-1.39325	0.159949	0.848299	-1.17883	0.307248	0.89064	-1.12279	9.73173	1.85059	0.169032	1
cg08630055	ACTR6	0.00465789	0.669926	0.950783	-1.05176	0.530549	0.927946	-1.07765	0.029285	1.3529	1.3529	0.575181	0.935523	-1.06892	0.034559	0.74819	-1.33656	0.00719047	1.50441	1.50441	0.00115176	0.569921	-1.75463	0.0269753	0.734695	-1.36111	0.13549	1.20851	1.20851	7.49877	1.64544	0.195048	1
cg06095699	ACTR6	0.0112436	0.634617	1.16457	1.16457	0.0089508	3.00031	3.00031	0.00372193	0.270284	-3.69981	?	?	?	0.9948	0.997931	-1.00207	0.00907313	0.334339	-2.99098	0.453244	1.27577	1.27577	0.300344	1.40918	1.40918	0.396315	1.31931	1.31931	6.56317	9.13885	1.21839	1
cg08946801	ACTR6	0.0407983	0.0209884	0.335259	-2.98277	0.377626	0.727264	-1.37502	0.978751	1.00925	1.00925	?	?	?	0.0735222	2.1025	2.1025	?	?	?	0.810645	0.920239	-1.08667	0.340439	1.41427	1.41427	0.0121927	3.53197	3.53197	5.40124	7.30489	0.966034	1
cg12056857	ACTR6	0.048574	0.0735984	0.680173	-1.47022	0.0725319	1.4728	1.4728	0.406463	1.17833	1.17833	0.634219	1.09704	1.09704	0.969547	0.992651	-1.0074	0.165893	1.33044	1.33044	0.00485812	0.485993	-2.05764	0.334575	1.21203	1.21203	0.964325	1.00868	1.00868	3.42553	2.02559	0.525619	1
cg01163515	ACTR8	0.000155813	0.000632063	1.45078	1.45078	0.00177245	0.7295	-1.3708	0.072197	1.15278	1.15278	0.000183181	1.56536	1.56536	0.00149103	0.72286	-1.38339	0.173365	1.1081	1.1081	0.19373	0.907163	-1.10234	0.306784	0.927775	-1.07785	0.000377016	0.668536	-1.49581	19.6544	1.56273	0.0706759	1
cg20879770	ACTR8	0.000170863	0.0832857	0.710021	-1.40841	0.21835	1.26019	1.26019	0.0361177	0.647064	-1.54544	0.00139119	0.437155	-2.28752	0.0026563	0.475946	-2.10108	0.0142963	0.582985	-1.71531	8.11E-05	0.280847	-3.56066	0.000108446	3.3819	3.3819	0.0230254	0.615342	-1.62511	19.1711	9.6868	0.449138	1
cg06203251	ACTR8	0.00251789	0.405692	0.827813	-1.208	0.000257103	0.26273	-3.80619	0.185003	1.36651	1.36651	0.829069	0.953108	-1.0492	0.000637645	0.311934	-3.20581	0.177192	0.727167	-1.3752	0.045689	0.601148	-1.66348	0.468114	0.848754	-1.1782	0.00409675	0.425043	-2.3527	9.01311	7.04351	0.694644	1
cg25680916	ACTR8	0.00555413	0.0146893	0.816311	-1.22502	0.74137	1.02263	1.02263	0.0947431	1.13212	1.13212	0.437394	1.05499	1.05499	0.716823	0.975687	-1.02492	0.545198	1.04224	1.04224	0.00023421	0.662166	-1.51019	0.200881	1.09558	1.09558	0.188404	1.09875	1.09875	7.10615	0.513883	0.0642802	1
cg10544324	ACTR8	0.00673238	0.224181	0.868947	-1.15082	0.00011523	2.10429	2.10429	0.948165	0.992873	-1.00718	0.317389	1.12042	1.12042	0.312469	1.12181	1.12181	0.94265	0.992116	-1.00795	0.45766	0.920161	-1.08677	0.188411	0.857856	-1.1657	0.65652	0.951951	-1.05047	6.69591	1.2835	0.170385	1
cg06035161	ACTR8	0.011947	0.833621	0.886089	-1.12856	0.61038	1.34415	1.34415	0.388347	0.600434	-1.66546	0.0663461	0.299642	-3.33731	0.00805417	0.131213	-7.62119	?	?	?	?	?	?	0.753254	1.19884	1.19884	0.000889631	0.0468616	-21.3394	6.56384	26.1531	3.98442	1
cg06098138	ACTR8	0.0195644	0.277806	1.34422	1.34422	0.0193203	0.476366	-2.09923	0.0275874	0.505177	-1.9795	0.102714	0.626266	-1.59677	0.0109363	0.432945	-2.30976	0.00649408	0.395628	-2.52762	0.169091	0.681124	-1.46816	0.817041	0.941066	-1.06262	0.0150626	0.457002	-2.18818	4.73986	5.15737	0.967187	1
cg21515283	ACTR8	0.0246769	0.999229	0.999819	-1.00018	0.623646	1.0973	1.0973	0.385927	1.1816	1.1816	0.127713	0.734044	-1.36232	0.121096	0.729372	-1.37104	0.203566	1.28653	1.28653	0.00121425	0.410995	-2.43312	0.627015	0.912165	-1.09629	0.0344462	0.629341	-1.58896	4.37698	2.4433	0.496192	1
cg00653455	ACTR8	0.0283076	0.0160683	0.101465	-9.85566	0.0115909	0.0862052	-11.6002	0.172939	0.324239	-3.08414	0.149856	0.301512	-3.31661	0.0118362	0.0871178	-11.4787	0.0483605	0.173462	-5.76496	0.00629192	0.0630483	-15.8609	0.633861	0.688915	-1.45156	0.0623016	0.196009	-5.1018	4.17169	39.8462	8.49029	1
cg08284207	ACTRT1	0.00349601	0.00120305	0.106972	-9.3482	0.0480031	0.344677	-2.90127	0.0524012	0.353632	-2.8278	0.147499	0.480776	-2.07997	0.00112056	0.104254	-9.59196	0.997597	1.00142	1.00142	0.00263298	0.140615	-7.1116	0.41321	1.4832	1.4832	0.00391627	0.16046	-6.2321	8.1766	28.756	3.1261	1
cg07940804	ACTRT1	0.00668372	0.00536575	0.194222	-5.14875	0.0485163	0.365198	-2.73824	0.0101614	0.234834	-4.25833	0.197787	0.544208	-1.83753	0.00347994	0.169944	-5.8843	0.00830778	0.221363	-4.51746	0.00332476	0.167527	-5.96918	0.635347	0.807744	-1.23802	0.00393264	0.176552	-5.66407	6.71103	21.2323	2.81225	1
cg15211996	ACTRT2	0.0108999	0.165259	0.703714	-1.42103	0.959034	1.01227	1.01227	0.00807153	0.446863	-2.23782	0.618622	0.887682	-1.12653	0.000307864	0.248877	-4.01805	0.0485053	0.585617	-1.7076	0.961939	1.01139	1.01139	0.669266	0.903018	-1.1074	0.0677904	0.615269	-1.62531	5.74942	5.13214	0.793454	1
cg05162202	ACTRT2	0.0334123	0.185488	0.752794	-1.32839	0.0134215	1.85743	1.85743	0.413498	0.844439	-1.18422	0.0423367	0.623169	-1.6047	0.0569225	0.646776	-1.54613	0.724877	1.07408	1.07408	0.330775	1.22503	1.22503	0.870472	0.967534	-1.03356	0.0183197	0.560445	-1.7843	3.93246	2.54764	0.575866	1
cg18123385	ACTRT2;ACTRT2	0.0236976	0.506056	1.29274	1.29274	0.013527	3.1999	3.1999	0.0713038	2.15232	2.15232	0.113421	1.92614	1.92614	0.102743	0.506939	-1.97262	0.613164	1.2141	1.2141	0.00873887	3.56518	3.56518	0.0086983	3.56934	3.56934	0.109408	1.94298	1.94298	4.43883	10.1805	2.03866	1
cg03263168	ACVR1;ACVR1	0.000320708	0.0749083	0.479861	-2.08394	0.748788	0.887867	-1.1263	0.776656	1.11102	1.11102	0.68327	1.16398	1.16398	2.95E-06	0.0161039	-62.0966	0.540058	0.794834	-1.25812	0.653683	1.18195	1.18195	0.461311	1.31998	1.31998	0.513811	1.27774	1.27774	16.1521	35.0523	1.92902	1
cg01690687	ACVR1;ACVR1	0.00203265	0.0298218	1.40669	1.40669	0.00132504	0.536175	-1.86506	0.00168103	0.549136	-1.82104	0.946857	1.00894	1.00894	0.848222	0.974749	-1.02591	0.949505	1.00849	1.00849	0.044178	0.734479	-1.36151	0.721617	1.04891	1.04891	0.000478549	0.481127	-2.07845	9.5965	2.7079	0.250823	1
cg19286686	ACVR1;ACVR1	0.00313526	0.211947	1.27413	1.27413	0.36331	1.18784	1.18784	0.292133	0.817599	-1.22309	0.230096	1.26111	1.26111	0.839893	0.963415	-1.03797	4.87E-05	0.24484	-4.0843	0.836136	1.0389	1.0389	0.112552	0.727395	-1.37477	0.33146	0.831421	-1.20276	8.4467	4.54136	0.47791	1
cg24486867	ACVR1;ACVR1	0.00474275	0.230968	0.652771	-1.53193	0.00136386	0.206465	-4.84343	0.0277756	0.413596	-2.41782	0.740546	1.11941	1.11941	0.00103464	0.192128	-5.20485	0.019679	0.384272	-2.60233	0.0131476	0.352146	-2.83973	0.865861	1.05907	1.05907	0.0051405	0.285223	-3.50602	7.4577	13.6091	1.62208	1
cg23967461	ACVR1;ACVR1	0.00882832	0.0139341	1.75661	1.75661	0.00761591	0.529159	-1.88979	0.459561	1.14989	1.14989	0.511446	0.883802	-1.13148	0.0778569	0.695277	-1.43828	0.0173063	0.584081	-1.71209	0.0144564	0.571775	-1.74894	0.0472725	1.52352	1.52352	0.788428	1.05115	1.05115	6.14982	3.35085	0.484328	1
cg08862291	ACVR1;ACVR1	0.0336486	0.127589	0.81945	-1.22033	0.146405	0.828268	-1.20734	0.135035	1.21497	1.21497	0.0365432	1.34135	1.34135	0.0422795	0.753731	-1.32673	0.973295	1.00405	1.00405	0.0194382	1.40703	1.40703	0.536986	0.927227	-1.07848	0.13054	1.21817	1.21817	3.9225	0.907468	0.205644	1
cg20453861	ACVR1;ACVR1	0.0388996	0.109486	0.579811	-1.7247	0.163027	1.59215	1.59215	0.272213	0.699787	-1.42901	0.124886	0.595185	-1.68015	0.466352	0.793315	-1.26053	0.556588	1.2041	1.2041	0.13995	0.608936	-1.64221	0.290699	0.71	-1.40845	0.00162964	0.244171	-4.09548	3.7211	5.74973	1.37348	1
cg01943873	ACVR1;ACVR1	0.0457218	0.287408	0.790427	-1.26514	0.0261327	1.75401	1.75401	0.00195224	2.54107	2.54107	0.978336	0.994235	-1.0058	0.200271	1.33384	1.33384	0.638555	1.10598	1.10598	0.676908	0.914643	-1.09332	0.52919	1.14537	1.14537	0.29543	1.25988	1.25988	3.50456	2.51618	0.638199	1
cg15540623	ACVR1B	0.0135459	0.0455629	0.36874	-2.71194	0.992663	1.00401	1.00401	0.48646	0.735137	-1.36029	0.0149772	0.272104	-3.67507	0.00132271	0.131008	-7.63312	0.0106954	0.247569	-4.03928	0.00868242	0.233296	-4.28639	0.710196	0.850086	-1.17635	0.0782586	0.426886	-2.34255	5.35756	16.0661	2.66558	1
cg10615271	ACVR1B	0.0153498	0.236786	0.854253	-1.17061	0.215846	1.18003	1.18003	0.0323876	1.37486	1.37486	0.623495	0.939056	-1.0649	0.202626	1.18642	1.18642	0.146449	1.21908	1.21908	0.000427363	2.0313	2.0313	0.699114	1.0506	1.0506	0.729959	0.956919	-1.04502	5.14132	1.31511	0.227372	1
cg01517968	ACVR1B;ACVR1B;ACVR1B	0.00939615	0.0155928	0.278486	-3.59084	0.611401	1.24718	1.24718	0.946236	1.0295	1.0295	0.066668	0.412122	-2.42647	0.000866226	0.115903	-8.62791	0.537352	0.763952	-1.30898	0.00696048	0.221996	-4.50458	0.384995	1.46809	1.46809	0.0231636	0.310264	-3.22306	6.02926	17.746	2.61628	1
cg21049965	ACVR1B;ACVR1B;ACVR1B	0.0304438	0.0245751	3.23093	3.23093	0.84262	1.09097	1.09097	0.351543	0.657097	-1.52184	0.0142506	3.75862	3.75862	0.590057	1.26899	1.26899	0.359367	0.661818	-1.51099	0.107592	2.15791	2.15791	0.00625055	4.76229	4.76229	0.0544476	2.60063	2.60063	4.06556	12.352	2.70063	1
cg05940536	ACVR1B;ACVR1B;ACVR1B	0.0391503	0.993657	1.00307	1.00307	0.0154334	3.14386	3.14386	0.165493	1.76843	1.76843	0.409541	1.38413	1.38413	0.27112	1.55515	1.55515	0.0376183	0.394734	-2.53335	0.632759	0.83065	-1.20388	0.0677222	0.454417	-2.20062	0.0375661	2.53419	2.53419	3.71234	8.73362	2.09119	1
cg07909418	ACVR1C;ACVR1C;ACVR1C	0.00354788	0.337765	1.36172	1.36172	0.0211676	2.37716	2.37716	0.0589888	0.513649	-1.94685	0.108836	1.72698	1.72698	0.0517433	0.500749	-1.99701	0.00195076	3.92998	3.92998	0.00123426	4.37464	4.37464	0.0413873	2.08543	2.08543	0.30069	0.715301	-1.39801	8.14063	12.585	1.37418	1
cg19617792	ACVR1C;ACVR1C;ACVR1C	0.0101553	0.00151551	0.448294	-2.23068	0.939284	1.01347	1.01347	0.429197	1.15228	1.15228	0.00634613	0.53577	-1.86647	0.0078325	0.549142	-1.82102	0.046316	0.669723	-1.49315	0.119801	0.743473	-1.34504	0.514084	1.12323	1.12323	0.549394	1.11225	1.11225	5.88154	2.87332	0.43425	1
cg18004523	ACVR1C;ACVR1C;ACVR1C	0.0486083	0.323156	1.1646	1.1646	0.534069	1.09859	1.09859	0.200402	1.22379	1.22379	0.894881	0.980455	-1.01994	0.164126	0.801176	-1.24817	0.757515	0.954811	-1.04733	0.0510752	1.39342	1.39342	0.00731782	1.67587	1.67587	0.0154099	1.55879	1.55879	3.42461	1.20925	0.313872	1
cg07568040	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.00139814	0.00376981	2.53596	2.53596	0.0886433	1.56374	1.56374	0.0129396	2.08413	2.08413	0.201169	0.725181	-1.37897	0.00114714	3.11983	3.11983	0.0359839	0.559522	-1.78724	0.000562306	3.57105	3.57105	0.00436011	2.47582	2.47582	0.0834432	1.57791	1.57791	10.6936	9.59623	0.797671	1
cg21442003	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.00423189	0.466295	0.687937	-1.45362	0.00339408	7.45998	7.45998	0.404424	1.53793	1.53793	0.231421	0.530825	-1.88386	0.07755	0.371613	-2.69097	0.042926	0.308666	-3.23975	0.0825684	0.379041	-2.63824	0.000996158	11.7854	11.7854	0.0785566	2.68005	2.68005	7.72003	31.126	3.58387	1
cg24893551	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.00565533	0.0022964	4.73655	4.73655	0.456094	1.3192	1.3192	0.174706	1.6936	1.6936	0.0308573	0.396434	-2.52249	0.792512	1.101	1.101	0.452005	0.756055	-1.32266	0.0893112	1.9813	1.9813	0.0011726	5.68767	5.68767	0.0140254	3.02531	3.02531	7.06682	14.9076	1.87513	1
cg03424772	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.00964476	0.0883954	0.634372	-1.57636	0.0272773	0.531317	-1.88212	0.0201262	0.507293	-1.97125	0.0421568	0.567376	-1.7625	0.00963231	0.452377	-2.21055	0.34693	0.790992	-1.26424	0.000343674	0.247814	-4.03529	0.765998	0.930295	-1.07493	0.499159	0.846976	-1.18067	5.9793	5.54999	0.825067	1
cg06974034	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.0157413	0.0163011	2.55026	2.55026	0.000725701	5.14657	5.14657	0.308727	1.39906	1.39906	0.933995	0.973943	-1.02675	0.22826	1.49644	1.49644	0.105916	1.75577	1.75577	0.158792	1.61622	1.61622	0.00603508	3.13725	3.13725	0.52425	1.22839	1.22839	5.09854	8.20408	1.43031	1
cg27420736	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.0256247	0.124956	1.3619	1.3619	0.162569	0.757859	-1.31951	0.770258	1.05597	1.05597	0.612454	0.90937	-1.09966	0.0261784	0.612257	-1.6333	0.135574	1.34871	1.34871	0.0116196	1.79798	1.79798	0.129304	1.35636	1.35636	0.0210502	1.67546	1.67546	4.31994	2.36635	0.486911	1
cg19978550	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.0267746	0.014699	5.86416	5.86416	0.0146191	5.87623	5.87623	0.103314	2.85606	2.85606	0.406313	1.64932	1.64932	0.0514915	3.69024	3.69024	0.205661	2.19545	2.19545	0.00509648	8.84818	8.84818	0.00808709	7.37192	7.37192	0.103569	2.85344	2.85344	4.25415	23.3738	4.88387	1
cg08146621	ACVR1C;ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.0205537	0.167626	1.90428	1.90428	0.0028614	6.03208	6.03208	0.0742439	2.38957	2.38957	0.505252	1.34455	1.34455	0.0987256	2.20968	2.20968	0.539418	0.761779	-1.31272	0.0246702	0.309883	-3.22703	0.0355202	2.92076	2.92076	0.321592	1.56588	1.56588	4.66106	14.1577	2.69995	1
cg18638253	ACVR1C;ACVR1C;ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.022958	0.96178	1.005	1.005	0.276202	1.12506	1.12506	0.946938	1.00695	1.00695	0.0875743	1.21675	1.21675	0.0937167	1.21137	1.21137	0.261789	0.885382	-1.12946	0.238747	0.879533	-1.13697	0.312646	0.897042	-1.11478	0.000954291	1.66884	1.66884	4.48769	0.769223	0.152362	1
cg21579828	ACVR2A	0.000322953	0.35129	1.34009	1.34009	0.310571	1.37737	1.37737	0.699713	1.12555	1.12555	0.0109281	0.377273	-2.6506	4.41E-06	0.039656	-25.2169	0.176	0.644653	-1.55122	0.0872426	0.562027	-1.77927	0.584283	1.18366	1.18366	0.218581	1.48422	1.48422	16.1212	23.7764	1.31098	1
cg07969095	ACVR2A	0.00153012	0.293312	0.799913	-1.25014	0.000269648	0.29416	-3.39951	0.000233765	0.286581	-3.48941	0.936713	0.983869	-1.0164	0.961709	1.00988	1.00988	0.129682	0.715148	-1.39831	0.107909	1.43226	1.43226	0.922058	1.02024	1.02024	0.00381136	0.449755	-2.22343	10.4197	6.9212	0.590435	1
cg23727674	ACVR2A	0.0023961	0.0179847	1.31776	1.31776	0.0687009	1.21602	1.21602	0.572865	0.946779	-1.05621	0.0850833	1.20052	1.20052	0.0139823	1.33824	1.33824	0.000506493	0.59357	-1.68472	0.14056	1.16436	1.16436	0.00271152	1.48823	1.48823	0.927487	1.00878	1.00878	9.14548	1.33462	0.129717	1
cg14689355	ACVR2A	0.0208922	0.889827	1.01213	1.01213	0.457565	1.06802	1.06802	0.718343	1.03201	1.03201	0.502823	0.94256	-1.06094	0.443734	1.07029	1.07029	0.934872	0.992916	-1.00714	0.00368283	0.710702	-1.40706	0.673635	0.963821	-1.03754	0.00237511	1.44571	1.44571	4.63517	0.555541	0.106537	1
cg22464182	ACVR2A;ACVR2A	0.000775605	0.0694479	0.854638	-1.17009	0.00797113	1.30093	1.30093	3.54E-05	1.85423	1.85423	0.331633	0.925452	-1.08055	0.161088	0.890676	-1.12274	0.0408715	0.833135	-1.20029	0.0502973	0.841481	-1.18838	0.562067	1.04638	1.04638	0.0749329	1.1658	1.1658	12.6417	1.19782	0.0842234	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg06907069	ACVR2A;ACVR2A	0.00268574	0.00437502
cg12452909	ACVR2B	0.00530839	0.00199236
cg06120492	ACVR2B	0.019649	0.0165712
cg25749512	ACVRL1	4.48E-05	0.801692
cg12193731	ACVRL1	0.00574145	0.455914
cg23640701	ACVRL1	0.0107106	0.0613616
cg26372400	ACVRL1	0.0354374	0.0590042
cg08618620	ACVRL1;ACVRL1	0.00150457	0.0276985
cg11788367	ACVRL1;ACVRL1	0.00489392	0.00354167
cg20131897	ACVRL1;ACVRL1	0.00576912	0.077924
cg13899814	ACVRL1;ACVRL1	0.00930825	0.0185303
cg20071491	ACVRL1;ACVRL1	0.0106761	0.0210174
cg21415035	ACVRL1;ACVRL1	0.0225023	0.165972
cg07170824	ACVRL1;ACVRL1	0.0477154	0.235917
cg11440409	ACY1	0.0211228	0.0390131
cg03933203	ACY3	5.77E-05	0.453401
cg25835179	ACY3	0.000121613	0.000166087
cg01240599	ACY3	0.000227007	0.00140728
cg12355172	ACY3	0.000232062	?
cg06148175	ACY3	0.000270923	0.000564782
cg09296957	ACY3	0.00041316	0.000220086
cg04565008	ACY3	0.00078927	0.000335277
cg23130075	ACY3	0.0012706	0.00130514
cg04986336	ACY3	0.00563347	0.00951685
cg23879118	ACY3	0.00974749	0.645592
cg00350199	ACY3	0.0133672	0.0174843
cg27022933	ACY3;ACY3	0.00125534	0.000231221
cg12894325	ACY3;ACY3	0.0112978	0.00210243
cg02183680	ACYP1;ACYP1	0.000198953	0.098086
cg06889350	ACYP1;ACYP1	0.00295487	0.0474584
cg01903327	ACYP1;ACYP1	0.0185512	0.00398726
cg19914578	ACYP1;ACYP1	0.0394946	0.249006
cg18959907	ACYP2	0.00920456	0.0248269
cg13006717	ACYP2	0.0142429	0.457309
cg16408679	ACYP2	0.0167289	0.137194
cg06582789	ACYP2	0.0182471	0.240625
cg08278503	ACYP2	0.0352449	0.119589
cg08363415	ACYP2	0.0480746	0.864758
cg01615080	ACYP2;ACYP2	0.0253103	0.429188
cg16264330	ADAD1;ADAD1;ADAD1	7.96E-06	8.44E-07
cg10668096	ADAD1;ADAD1;ADAD1	0.000256235	0.114925
cg01788029	ADAD1;ADAD1;ADAD1	0.000980873	0.133757
cg02985694	ADAD1;ADAD1;ADAD1	0.00150816	0.000243547
cg20456564	ADAD1;ADAD1;ADAD1	0.00347628	0.245838
cg18286862	ADAD1;ADAD1;ADAD1	0.00487174	0.0280864
cg20603162	ADAD1;ADAD1;ADAD1	0.00555264	0.0214741
cg00152611	ADAD1;ADAD1;ADAD1	0.0205888	0.00846561
cg22162821	ADAD1;ADAD1;ADAD1	0.0306409	0.869839
cg09682129	ADAD1;ADAD1;ADAD1;ADAD1	3.66E-06	0.00671633
cg18053768	ADAD1;ADAD1;ADAD1;ADAD1	6.19E-05	0.496956
cg09912005	ADAD1;ADAD1;ADAD1;ADAD1;ADAD1	0.00222426	0.612027
cg05711145	ADAD2;ADAD2	0.000494646	0.819893
cg04497927	ADAD2;ADAD2	0.000664644	0.921205
cg27059379	ADAD2;ADAD2	0.00181251	0.0236423
cg00225858	ADAD2;ADAD2	0.00568536	0.352081
cg07484910	ADAD2;ADAD2	0.00769459	0.895148
cg01705811	ADAD2;ADAD2	0.0297483	0.192791
cg08204027	ADAD2;ADAD2;ADAD2;ADAD2	0.0143595	0.0357337
cg25863735	ADAL	0.0058964	0.161856
cg15269541	ADAL;ADAL	0.000334905	0.000246011
cg04144108	ADAL;ADAL	0.0058662	0.251722
cg27139077	ADAL;ADAL;LCMT2;LCMT2	0.005763	0.590204
cg20272507	ADAL;ADAL;LCMT2;LCMT2	0.0312247	0.00104376
cg02155558	ADAL;LCMT2;ADAL	7.40E-05	0.0251155
cg25415508	ADAL;LCMT2;ADAL	0.00265275	0.130432
cg03050687	ADAL;LCMT2;ADAL	0.0188125	0.46553
cg20114781	ADAL;LCMT2;ADAL	0.0201841	0.00158962
cg27015174	ADAL;LCMT2;ADAL;ADAL;ADAL	0.0314858	0.766931
cg02539984	ADAM10	8.36E-05	0.370464
cg20608709	ADAM10	0.00041353	0.315786
cg20800039	ADAM10	0.00144528	0.605564
cg07511008	ADAM10	0.00335031	0.690868
cg08898775	ADAM10	0.0367682	0.178548
cg02971627	ADAM10	0.0415689	0.471694
cg23535753	ADAM10	0.0417805	0.439421
cg26745394	ADAM11	0.00164253	0.00287618
cg12834820	ADAM11	0.00342486	0.413791
cg01620309	ADAM11	0.0115557	0.00845451
cg25282715	ADAM11	0.0166887	0.973979
cg02188443	ADAM11	0.0209114	0.0412556
cg06471905	ADAM11	0.0476315	0.0778112
cg01160311	ADAM11	0.0494567	0.106792
cg04876582	ADAM12;ADAM12	3.03E-05	0.054064
cg07080551	ADAM12;ADAM12	0.00224418	0.660003
cg20496568	ADAM12;ADAM12	0.00232	0.00028651
cg03948236	ADAM12;ADAM12	0.00491711	0.0020077
cg10317138	ADAM12;ADAM12	0.00501171	0.708866
cg17287034	ADAM12;ADAM12	0.00576194	0.528703
cg24194674	ADAM12;ADAM12	0.00676862	0.00104115
cg26808747	ADAM12;ADAM12	0.00690816	0.0211511
cg16257029	ADAM12;ADAM12	0.00793728	0.0416317
cg08602190	ADAM12;ADAM12	0.00887744	0.679738
cg25223716	ADAM12;ADAM12	0.0110532	0.14273
cg11580615	ADAM12;ADAM12	0.0115885	0.464937
cg16018302	ADAM12;ADAM12	0.0127002	0.00993757
cg18127957	ADAM12;ADAM12	0.0130325	0.0153462
cg02235497	ADAM12;ADAM12	0.0163975	0.0169571
cg14621053	ADAM12;ADAM12	0.0185462	0.0429006
cg05237641	ADAM12;ADAM12	0.021168	0.0384933
cg13488201	ADAM12;ADAM12	0.0276218	0.0519887
cg25238274	ADAM12;ADAM12	0.0319098	0.308255
cg02327997	ADAM12;ADAM12	0.0328007	0.0539489
cg15342452	ADAM12;ADAM12	0.0356278	0.00885065
cg07244202	ADAM12;ADAM12	0.0364691	0.0107235
cg26969179	ADAM12;ADAM12	0.0430718	0.993374
cg07251141	ADAM12;ADAM12	0.0493221	0.1883
cg04018299	ADAM15;ADAM15;ADAM15;ADAM15;ADAM15;ADAM15	0.0270217	0.487187
cg10249703	ADAM15;ADAM15;ADAM15;ADAM15;ADAM15;ADAM15	0.0451329	0.0543413
cg24935121	ADAM15;ADAM15;ADAM15;DCST1;ADAM15;DCST1;ADAM15;ADAM15	0.0301265	0.0133316
cg00958409	ADAM15;ADAM15;ADAM15;DCST1;ADAM15;DCST1;ADAM15;ADAM15	0.0330091	0.0938529
cg26310319	ADAM15;ADAM15;ADAM15;DCST1;ADAM15;DCST1;ADAM15;ADAM15	0.0484889	0.606734
cg16095542	ADAM15;DCST1;ADAM15;ADAM15;DCST1;ADAM15;ADAM15;ADAM15	0.00742896	0.0770185
cg19979102	ADAM17	0.000104519	0.00429973
cg20291846	ADAM17	0.0105288	0.231274
cg07078329	ADAM17	0.0117134	0.00102905
cg01118224	ADAM17	0.0287659	0.170355
cg01373705	ADAM17	0.0381783	0.0320236
cg24255910	ADAM18	0.000186233	0.0343032
cg06544308	ADAM18	0.000252295	8.02E-05
cg23566335	ADAM18	0.00043906	0.000107275
cg17126348	ADAM18	0.00276967	0.000158119
cg05276226	ADAM18	0.00821773	0.0029836
cg27485269	ADAM18	0.0226272	0.063607
cg21463869	ADAM18	0.0267994	0.103339
cg15598120	ADAM19	0.000796422	0.00451896
cg13667243	ADAM19	0.00512999	0.00814214
cg07301795	ADAM19	0.00524073	0.0657268
cg25077558	ADAM19	0.00795055	0.0147965
cg01823925	ADAM19	0.0189019	0.00308346
cg07540118	ADAM19;ADAM19	3.08E-05	0.00183581
cg11186850	ADAM2	3.99E-05	1.01E-06
cg15352186	ADAM2	0.000171135	6.74E-05
cg09314766	ADAM2	0.000369444	7.95E-06
cg08272784	ADAM2	0.00151563	0.112909
cg20335590	ADAM2	0.0378555	0.873076

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04206389	ADAM20	0.00034428	0.171644	1.39545	1.39545	0.0404732	0.581675	-1.71917	0.053203	0.60474	-1.6536	0.860888	0.960631	-1.04098	0.930741	0.980292	-1.0201
cg01576450	ADAM20	0.00115542	0.00446646	0.200235	-4.99412	0.000280705	0.0805354	-12.4169	0.78946	1.1202	1.1202	0.00478611	0.204306	-4.89462	0.000528295	0.101287	-9.87293
cg20954777	ADAM21	0.011757	0.223687	0.761704	-1.31285	0.0601382	0.636685	-1.57063	0.150868	0.72051	-1.38791	0.00305852	0.421608	-2.37187	0.436193	1.18428	1.18428
cg02998425	ADAM21	0.0473909	0.496435	0.693276	-1.44243	0.016499	0.21139	-4.73059	0.055547	0.316309	-3.16146	0.817659	0.884693	-1.13034	0.062638	0.329092	-3.03867
cg19992629	ADAM21P1	0.00247305	0.277323	0.788686	-1.26793	0.000147978	0.253937	-3.93799	0.000925074	0.353646	-2.82769	0.137313	1.3997	1.3997	0.16151	0.730416	-1.36908
cg20576094	ADAM21P1	0.00374232	0.65428	0.867474	-1.15277	0.000370594	0.165784	-6.03193	0.0065434	0.328176	-3.04714	0.0170539	0.399596	-2.50253	0.00160325	0.239908	-4.16826
cg16541653	ADAM21P1	0.0109374	0.0704532	0.464524	-2.15274	0.00403326	0.231137	-4.32645	0.0298628	0.379395	-2.63577	0.0995449	0.504296	-1.98296	0.0727043	0.467992	-2.13679
cg01858583	ADAM22;ADAM22;ADAM22;ADAM22;ADAM22	0.000707918	0.00185813	1.31555	1.31555	0.049509	0.870077	-1.14932	0.00213855	0.765021	-1.30715	0.0120965	1.21443	1.21443	0.944504	0.995686	-1.00433
cg26408609	ADAM22;ADAM22;ADAM22;ADAM22;ADAM22	0.00333449	0.991268	0.998418	-1.00158	0.687654	1.06022	1.06022	0.721402	1.05318	1.05318	0.713562	1.0548	1.0548	0.623355	1.07425	1.07425
cg00095027	ADAM22;ADAM22;ADAM22;ADAM22;ADAM22	0.00856414	0.00977511	0.226028	-4.42423	0.372827	1.51657	1.51657	0.333429	1.5748	1.5748	0.0235942	0.292159	-3.4228	0.238928	1.75314	1.75314
cg27220091	ADAM22;ADAM22;ADAM22;ADAM22;ADAM22	0.0218674	0.0304678	1.51166	1.51166	0.191342	0.798698	-1.25204	0.230667	1.22668	1.22668	0.133039	0.768487	-1.30126	0.00349977	0.525376	-1.9034
cg21823149	ADAM23	0.000179453	0.00234449	0.690749	-1.4477	0.000200024	1.72285	1.72285	4.07E-05	1.9782	1.9782	0.674724	0.963894	-1.03746	0.322888	0.914881	-1.09304
cg26799816	ADAM23	0.00205431	0.00129614	0.321911	-3.10645	0.216582	0.730162	-1.36956	0.287639	1.30607	1.30607	0.264598	0.754856	-1.32476	0.000634906	0.281025	-3.5584
cg04371413	ADAM23	0.0102142	0.521976	0.786477	-1.27149	0.00233776	0.207536	-4.81844	0.738872	0.883542	-1.13181	0.0198157	0.353038	-2.83256	0.182547	0.592412	-1.68801
cg12243681	ADAM23	0.0454283	0.0350945	0.297335	-3.36321	0.344809	1.61725	1.61725	0.256606	1.79499	1.79499	0.926466	1.04666	1.04666	0.0535733	0.338561	-2.95368
cg16767652	ADAM28	0.00185021	0.904185	1.02339	1.02339	0.000151692	0.287107	-3.48302	0.00268165	0.450816	-2.2182	0.192194	1.30345	1.30345	0.966382	1.00812	1.00812
cg20551671	ADAM28;ADAM28	0.00489122	0.802919	1.05813	1.05813	0.0120514	0.492892	-2.02884	0.21314	0.7436	-1.34481	0.979628	1.00579	1.00579	0.42892	0.833208	-1.20018
cg18757155	ADAM28;ADAM28	0.0211968	0.935351	1.0174	1.0174	0.0987941	0.68054	-1.46942	0.0196192	0.549072	-1.82126	0.000718465	0.33466	-2.98811	0.741842	0.932123	-1.07282
cg14976447	ADAM28;ADAM28	0.0286487	0.500749	0.834688	-1.19805	0.00796009	0.406763	-2.45844	0.0194866	0.47397	-2.10984	0.00471518	0.370556	-2.69865	0.213623	0.707339	-1.41375
cg22915945	ADAM28;ADAM28;ADAM28;ADAM28	0.0455523	0.792451	1.11362	1.11362	0.0115203	3.63125	3.63125	0.55874	1.2729	1.2729	0.0406999	0.381273	-2.62279	0.0375853	2.6763	2.6763
cg16870595	ADAM29;ADAM29;ADAM29;ADAM29	0.000254049	0.398407	0.920287	-1.08662	0.0795716	0.82948	-1.20557	0.632043	1.04744	1.04744	0.0150459	1.33257	1.33257	0.0411796	1.25398	1.25398
cg18716486	ADAM29;ADAM29;ADAM29;ADAM29	0.00352781	0.534767	0.934607	-1.06997	0.619393	0.947558	-1.05534	0.000750068	0.576896	-1.73341	0.531669	1.07053	1.07053	0.52755	1.07129	1.07129
cg10327756	ADAM29;ADAM29;ADAM29;ADAM29	0.0038735	0.00205309	0.246158	-4.06244	0.011173	0.358311	-2.79088	0.0101129	0.350885	-2.84994	0.0529872	0.491765	-2.03349	0.0065282	0.319595	-3.12896
cg14561282	ADAM29;ADAM29;ADAM29;ADAM29	0.0189549	0.694415	0.913594	-1.09458	0.0114287	2.06358	2.06358	0.373881	0.811468	-1.23234	0.786496	1.06411	1.06411	0.0264359	0.547518	-1.82643
cg25097705	ADAM29;ADAM29;ADAM29;ADAM29	0.043827	0.813018	0.949142	-1.05358	0.129072	1.43518	1.43518	0.811996	0.948865	-1.05389	0.539883	0.872225	-1.14649	0.00318501	0.411799	-2.42837
cg08746033	ADAM29;ADAM29;ADAM29;ADAM29	0.04417	0.00831586	0.147229	-6.79214	0.399527	1.63201	1.63201	0.332085	0.566493	-1.76525	0.0119255	0.1683	-5.94177	0.155595	0.421922	-2.37011
cg02826368	ADAM29;ADAM29;ADAM29;ADAM29;ADAM29;ADAM29;ADAM29;ADAM29	0.00340475	0.245537	0.840167	-1.19024	0.512158	1.10001	1.10001	0.00110006	0.501577	-1.99371	0.884273	1.0211	1.0211	0.0274817	1.45338	1.45338
cg03852045	ADAM30	0.000231892	7.42E-05	0.197136	-5.07264	0.920397	0.977705	-1.0228	0.00122231	0.34398	-2.90715	0.193478	1.36393	1.36393	0.0639924	0.625275	-1.5993
cg26933147	ADAM30	0.000419898	0.106767	1.44341	1.44341	0.415289	1.18951	1.18951	0.0171174	1.83245	1.83245	0.0524463	1.5835	1.5835	0.000946788	0.357986	-2.79341
cg23131777	ADAM30	0.000422749	0.0722051	1.44334	1.44334	0.0155286	1.72085	1.72085	0.468761	1.14432	1.14432	0.00788803	0.536171	-1.86508	0.975576	0.994417	-1.00561
cg13474124	ADAM30	0.00814534	0.48656	0.845026	-1.1834	0.495697	0.848093	-1.17912	0.266037	0.75878	-1.31791	0.0301053	0.544704	-1.83586	0.000279553	0.242794	-4.11872
cg23326301	ADAM30	0.0402475	0.583566	0.930227	-1.07501	0.0102585	0.655268	-1.52609	0.0428339	0.737451	-1.35602	0.419788	0.897902	-1.11371	0.793994	1.03478	1.03478
cg22774211	ADAM30;ADAM30	0.0308845	0.030303	3.72317	3.72317	0.00681845	6.10694	6.10694	0.0212313	4.17768	4.17768	0.198293	2.01748	2.01748	0.0101203	5.33782	5.33782
cg11052259	ADAM32	0.000665253	0.746665	0.931883	-1.0731	0.000107982	0.226353	-4.41788	0.000177388	0.250821	-3.9869	0.974706	0.993123	-1.00692	0.294897	0.789434	-1.26673
cg26394257	ADAM32	0.00343053	0.021824	3.40051	3.40051	0.0117088	0.246448	-4.05765	0.101938	0.451084	-2.21688	0.079476	2.37654	2.37654	0.014217	3.83818	3.83818
cg03780701	ADAM32	0.00890354	0.128718	2.27548	2.27548	0.372533	0.632264	-1.58162	0.0393358	0.303054	-3.29974	0.179901	2.04055	2.04055	0.147629	2.17704	2.17704
cg05789704	ADAM32	0.0090413	0.033149	6.63272	6.63272	0.154518	0.3142	-3.18269	0.148016	0.307608	-3.25089	0.0893604	4.14955	4.14955	0.0268714	7.32735	7.32735
cg10852045	ADAM32	0.00983599	0.0067301	0.178568	-5.60012	0.0928941	0.403962	-2.47548	0.023209	0.264365	-3.78265	0.205503	0.519519	-1.92486	0.00706793	0.181455	-5.51101
cg16540080	ADAM32	0.0100499	0.130819	1.64892	1.64892	0.911114	1.03482	1.03482	0.835575	0.938277	-1.06578	0.0835557	1.79878	1.79878	0.13715	1.63363	1.63363
cg14618996	ADAM32	0.0132239	0.0310086	2.91945	2.91945	0.0804538	0.440254	-2.27142	0.102586	0.469645	-2.12927	0.0948191	2.17448	2.17448	0.0257846	3.06547	3.06547
cg08827307	ADAM32	0.0216055	0.0435086	6.09469	6.09469	0.280854	0.417818	-2.39339	0.631698	0.686592	-1.45647	0.0833054	4.44895	4.44895	0.0281287	7.53001	7.53001
cg22848598	ADAM32	0.0326782	0.048071	17.7792	17.7792	0.464063	0.387043	-2.58369	0.279841	0.239074	-4.18281	0.0799677	11.8767	11.8767	0.0460736	18.386	18.386
cg27417469	ADAM32	0.0476204	0.560979	0.828708	-1.2067	0.038191	0.464017	-2.15509	0.0145182	0.381983	-2.61792	0.0919384	0.552685	-1.80935	0.47885	1.25872	1.25872
cg26124318	ADAM32;ADAM32	0.011153	0.0616637	5.67953	5.67953	0.245375	0.366905	-2.7255	0.0451669	0.150101	-6.66216	0.558234	1.63001	1.63001	0.139326	3.7168	3.7168
cg02637318	ADAM32;ADAM32	0.0114632	0.0541379	6.54415	6.54415	0.233084	0.34142	-2.92894	0.0653119	0.168923	-5.91987	0.069317	5.73425	5.73425	0.0670913	5.83533	5.83533
cg22764390	ADAM33;ADAM33	0.000942977	0.877719	1.03615	1.03615	0.0023024	0.374362	-2.67121	0.107022	0.666424	-1.50055	0.139415	1.44322	1.44322	0.202197	1.36423	1.36423
cg00923873	ADAM33;ADAM33	0.00261518	0.000388869	0.329495	-3.03494	0.159716	0.744627	-1.34295	0.0180739	0.56917	-1.75694	0.901965	1.02448	1.02448	0.000321679	0.31909	-3.13391
cg14176989	ADAM33;ADAM33	0.00540493	0.059211	0.499171	-2.00332	0.110489	1.76355	1.76355	0.633687	1.16953	1.16953	0.00263393	0.257209	-3.88789	0.0558446	0.493284	-2.02723
cg07444323	ADAM33;ADAM33	0.0111814	0.0184053	2.06755	2.06755	0.166176	1.45498	1.45498	0.751912	1.08388	1.08388	0.0247218	1.97212	1.97212	0.035059	0.535969	-1.86578
cg23073319	ADAM33;ADAM33	0.0123681	0.119592	0.8227	-1.21551	0.616769	1.06004	1.06004	0.00131737	0.582677	-1.71622	0.254641	0.87158	-1.14734	0.0293006	0.743268	-1.34541
cg27343325	ADAM33;ADAM33	0.013055	0.022104	0.437357	-2.28646	0.322302	0.734833	-1.36085	0.00292964	0.291826	-3.4267	0.659011	0.874739	-1.1432	0.028657	0.459357	-2.17696
cg22333888	ADAM33;ADAM33	0.0178459	0.0398076	0.498804	-2.00479	0.00234122	3.4663	3.4663	0.294154	0.727284	-1.37498	0.545762	0.836164	-1.19594	0.0232026	0.451945	-2.21266
cg04368843	ADAM33;ADAM33	0.0247587	0.118706	0.689076	-1.45122	0.950107	0.986335	-1.01385	0.242059	0.763965	-1.30896	0.091156	0.664226	-1.50551	0.0505149	0.612588	-1.63242
cg04505348	ADAM33;ADAM33	0.0396495	0.0523151	0.647294	-1.54489	0.0141408	1.81624	1.81624	0.0319686	0.60939	-1.64098	0.321139	0.817082	-1.22387	0.0712301	0.672251	-1.48754
cg08424491	ADAM33;ADAM33	0.045195	0.541945	0.73738	-1.35615	0.0200597	0.250468	-3.99252	0.990305	1.00601	1.00601	0.989111	0.993288	-1.00676	0.00354732	0.142253	-7.02971
cg03000503	ADAM5P	3.41E-06	0.00118999	2.06537	2.06537	0.000396779	0.42282	-2.36507	0.00385129	0.551857	-1.81206	0.000126731	0.361221	-2.76838	0.00062028	0.447552	-2.23438
cg15627442	ADAM5P	1.96E-05	6.74E-06	0.14463	-6.9142	0.000104294	0.265323	-3.76899	0.000287026	0.31822	-3.14248	0.00116647	0.397707	-2.51441	5.67E-06	0.138284	-7.23148
cg19512903	ADAM5P	0.000169355	0.0183268	1.61811	1.61811	0.0378112	1.4992	1.4992	0.0183724	0.618168	-1.61768	0.00487305	0.533956	-1.87281	0.0114637	0.587545	-1.702
cg05615220	ADAM5P	0.0238329	0.228123	0.817752	-1.22287	0.104937	0.754414	-1.32553	0.130846	0.771465	-1.29623	0.999551	0.99991	-1.00009	0.0150546	0.621751	-1.60836
cg07387286	ADAM5P	0.0344777	0.016835	10.8336	10.8336	0.0298428	8.06986	8.06986	0.842534	1.17643	1.17643	0.152574	0.286019	-3.49627	0.998795	0.998767	-1.00123
cg11199639	ADAM5P	0.0491371	0.0100949	11.1935	11.1935	0.0187686	8.32164	8.32164	0.599759	1.48289	1.48289	0.573783	0.65514	-1.52639	0.885701	1.11296	1.11296
cg13054881	ADAM6	0.000101739	0.0119551	0.534775	-1.86994	6.61E-05	0.232108	-4.30833	0.010179	0.523742	-1.90934	0.00281696	0.439895	-2.27327	0.000868363	0.368875	-2.71094
cg04975143	ADAM6	0.00383972	0.079918	0.643763	-1.55337	0.000188075	0.239794	-4.17025	0.00556162	0.438002	-2.2831	0.0151644	0.50856	-1.96633	0.00800884	0.462919	-2.1602
cg01932381	ADAM6	0.0105581	0.0738769	0.599752	-1.66736	0.00258123	0.342343	-2.92105	0.415395	0.807653	-1.23816	0.693988	0.903506	-1.1068	0.340504	0.777191	-1.28669
cg13805262	ADAM6	0.01161	0.0513674	0.555636	-1.79974	0.340845	0.771037	-1.29695	0.04331	0.540259	-1.85096	0.389495	0.791673	-1.26315	0.0341197	0.519446	-1.92513
cg13499371	ADAM6	0.0457603	0.0531768	0.288776	-3.46289	0.0451959	0.272752	-3.66634	0.0131262	0.175677	-5.69227	0.134031	0.401053	-2.49343	0.0214242	0.209557	-4.77198
cg17897391	ADAM7	9.21E-07	0.336637	0.857189	-1.1666	0.124308	0.771931	-1.29545	3.39E-06	0.182052	-5.49293	3.74E-07	0.103257	-9.68461	1.15E-05	0.235135	-4.25288
cg08383526	ADAM7	0.0019947	0.00528985	0.174572	-5.72831	0.0533215	0.352672	-2.83549	0.0013654	0.110112	-9.08164	0.0156824	0.245069	-4.08049	0.0043474	0.163784	-6.1056
cg05847038	ADAM7	0.00348806	0.806329	0.923516	-1.08282	0.000191971	0.130717	-7.65012	0.745308	0.899801	-1.11136	0.629454	1.17057	1.17057	0.397448	0.755279	-1.32401
cg20433580	ADAM7	0.00734589	0.220063	0.589035	-1.69769	0.238242	0.602267	-1.66039	0.00809566	0.248615	-4.02228	0.381528	0.691844	-1.44541	0.0012548	0.144611	-6.9151
cg25526061	ADAM8;ADAM8;ADAM8	4.24E-05	0.00290898	0.44359	-2.25433	0.550353	1.12754	1.12754	0.000578169	0.347246	-2.8798	0.00413445	0.46586	-2.14657	0.0270206	0.594458	-1.68221
cg17787585	ADAM8;ADAM8;ADAM8	0.000129839	0.797	1.04353	1.04353	7.50E-05	0.304769	-3.28117	0.00110406	0.45161	-2.2143	0.149875	0.774786	-1.29068	5.29E-05	0.287159	-3.48239
cg03885037	ADAM8;ADAM8;ADAM8	0.000606083	0.323294	0.769712	-1.29919	0.00192747	3.08381	3.08381	0.0203757	2.04878	2.04878	0.000989263	3.51056	3.51056	0.00697417	0.408441	-2.44833
cg06188870	ADAM8;ADAM8;ADAM8	0.00328394	0.0217283	0.393733	-2.53979	0.887162	0.953101	-1.04921	0.764718	0.903439	-1.10688	0.0440622	0.457162	-2.18741	0.0013892	0.208529	-4.79549
cg23452957	ADAM8;ADAM8;ADAM8	0.00439722	0.00163606	0.361177	-2.76873	0.403261	0.8244	-1.213	0.484225	0.851726	-1.17409	0.0778026	0.642444	-1.55656	0.00129721	0.347194	-2.88023
cg17485549	ADAM8;ADAM8;ADAM8	0.00653159	0.300011	0.875872	-1.14172	0.00838057	0.659927	-1.51532	0.00112732	0.5535	-1.80668	0.767251	1.0373	1.0373	0.0152516	1.44438	1.44438
cg20676317	ADAM8;ADAM8;ADAM8	0.0077589	0.89491	0.951582	-1.05088	0.220478	0.61647	-1.62214	0.664602	0.848899	-1.178	0.0296626	0.382399	-2.61507	0.00596152	0.259209	-3.85789
cg23114262	ADAM8;ADAM8;ADAM8	0.0104165	0.228333	0.503324	-1.98679	0.191347	0.471838	-2.11937	0.206742	0.485284	-2.06065	0.0421036	0.280404	-3.56628	0.00118732	0.0757019	-13.2097
cg07807481	ADAM8;ADAM8;ADAM8	0.0109057	0.021021	0.61675	-1.6214	0.00032098	0.362908	-2.75552	0.0309385	0.643331	-1.55441	0.10729	0.736354	-1.35804	0.0113685	0.575984	-1.73616
cg14259466	ADAM8;ADAM8;ADAM8	0.0120928	0.0134103	0.268258	-3.72776	0.575043	1.27559	1.27559	0.11392	2.0939	2.0939	0.549922	0.771093	-1.29686	0.00884554	0.23882	-4.18726
cg11380051	ADAM8;ADAM8;ADAM8	0.020305	0.383752	1.38647	1.38647	0.159827	1.7324	1.7324	0.208516	0.615645	-1.62431	0.304892	0.677924	-1.47509	0.000571134	0.142031	-7.04073
cg16102283	ADAM8;ADAM8;ADAM8	0.0270089	0.254059	0.804185	-1.24349	0.0382491	0.644418	-1.55179	0.627975	1.09346	1.09346	0.103986	0.722336	-1.3844	0.125349	0.738209	-1.35463
cg04225554	ADAM8;ADAM8;ADAM8	0.0431202	0.0218353	0.535368	-1.86787	0.11488	0.677563	-1.47588	0.191852	0.730755	-1.36845	0.905518	1.02733	1.02733	0.00406487	0.416574	-2.40054
cg00851312	ADAM8;ADAM8;ADAM8	0.044642	0.0147212	0.0966695	-10.3445	0.849717	0.862755	-1.15908	0.370356	0.488748	-2.04604	0.786014	0.809141	-1.23588	0.0206089	0.11417	-8.75885
cg24382527	ADAM8;ADAM8;ADAM8;ADAM8;ADAM8;ADAM8	0.0109009	0.0434111	0.477872	-2.09261	0.210016	0.657077	-1.52189	0.703101	0.885384	-1.12945	0.00331142	3.56672	3.56672	0.0243212	0.426014	-2.34734
cg07469630	ADAM9;ADAM9;ADAM9;ADAM9	0.00493871	0.475926	0.829261	-1.20589	0.0122505	0.446687	-2.2387	0.0450351	0.552101	-1.81126	0.902013	0.968689	-1.03232	0.000370773	0.229591	-4.35558
cg09321684	ADAM9;ADAM9;ADAM9;ADAM9	0.00799141	0.304672	0.853568	-1.17155	0.668499	1.06627	1.06627	0.26057	1.19098	1.19098	0.160224	0.799739	-1.25041	0.000466982	0.440669	-2.26928
cg05945984	ADAM9;ADAM9;ADAM9;ADAM9	0.00915944	0.214154	0.829431	-1.20565	0.389577	0.881549	-1.13437	0.000173591	0.401938	-2.48795	0.692367	0.944724	-1.05851	0.0124402	0.640975	-1.56012
cg10282371	ADAM9;TM2D2;ADAM9;TM2D2;ADAM9;ADAM9;TM2D2;TM2D2	0.000825823	0.276533	0.768625	-1.30102	0.385415	0.813107	-1.22985	0.644564	0.897621	-1.11406	0.819156	1.05469	1.05469	0.5592	1.14719	1.14719
cg13574809	ADAM9;TM2D2;ADAM9;TM2D2;ADAM9;ADAM9;TM2D2;TM2D2	0.00447769	0.105398	2.07348	2.07348	0.314317	1.5356	1.5356	0.0444519	0.386201	-2.58932	0.942867	1.02998	1.02998	0.000136665	0.0658722	-15.1809
cg06294027	ADAM9;TM2D2;ADAM9;TM2D2;ADAM9;ADAM9;TM2D2;TM2D2	0.0124242	0.0494496	0.577645	-1.73117	0.291657	0.765034	-1.30713	0.475766	0.837352	-1.19424	0.108053	0.65103	-1.53603	0.115052	0.65741	-1.52112
cg01759110	ADAMDEC1;ADAMDEC1;ADAMDEC1	0.000380087	0.192449	0.804527	-1.24297	0.0827946	0.738696	-1.35374	0.000767525	0.447852	-2.23288	0.0043153	0.547941	-1.82501	0.0729573	0.729546	-1.37072
cg13059335	ADAMDEC1;ADAMDEC1;ADAMDEC1	0.000526036	0.393011	0.828122	-1.20755	0.0140892	0.520408	-1.92157	0.0055227	0.455641	-2.19471	5.88E-06	0.111469	-8.97108	0.12058	0.69567	-1.43746
cg14143055	ADAMDEC1;ADAMDEC1;ADAMDEC1	0.000836726	0.00321627	0.520747	-1.92032	0.000341686	0.392196	-2.54974	8.36E-05	0.317024	-3.15434	0.0695204	0.719315	-1.39021	0.886426	0.977075	-1.02346
cg02885543	ADAMDEC1;ADAMDEC1;ADAMDEC1	0.0355463	0.0234633	0.363718	-2.74939	0.00374351	0.231636	-4.31712	0.0191394	0.346671	-2.88458	0.81369	1.09222	1.09222	0.630397	0.834306	-1.1986
cg02425108	ADAMTS1	6.70E-06	0.00227354	0.70105	-1.42643	0.342694	0.921884	-1.08474	2.38E-05	0.495875	-2.01664	0.358272	1.08177	1.08177	1.49E-06	0.362331	-2.7599
cg20187011	ADAMTS1	0.0116759	0.0211069	0.33529	-2.98249	0.896279	0.949907	-1.05273	0.019953	0.330633	-3.0245	0.0364706	0.383698	-2.60622	0.0104051	0.28049	-3.56519
cg23733177	ADAMTS1	0.0154411	0.00225227	0.345182	-2.89702	0.11142	1.53934	1.53934	0.00861444	0.434571	-2.30112	0.158236	0.687102	-1.45539	0.0603086	0.590337	-1.69395
cg11189837	ADAMTS1	0.0168563	0.764805	0.941462	-1.06218	0.656519	1.09416	1.09416	0.00361462	2.2075	2.2075	0.143527	0.729057	-1.37164	0.014128	0.54396	-1.83837
cg23737229	ADAMTS1	0.0262331	0.0248656	1.73584	1.73584	0.466744	1.16527	1.16527	0.256813	0.783147	-1.2769	0.901573	1.02588	1.02588	0.157178	1.36677	1.36677
cg00952789	ADAMTS1	0.0463595	0.770071	0.909664	-1.09931	0.170299	0.623892	-1.60284	0.0149284	0.380233	-2.62997	0.903759	0.961677	-1.03985	0.691719	1.13741	1.13741
cg12085570	ADAMTS10	9.53E-05	0.0773315	0.867992	-1.15208	0.0487891	0.850242	-1.17614	0.204021	1.10147	1.10147	0.524846	0.954605	-1.04755	0.0434201	0.845816	-1.18229
cg19662846	ADAMTS10	0.000431196	0.00436525	2.36257	2.36257	0.00014705	4.36788	4.36788	0.00200934	2.67566	2.67566	0.412293	1.20837	1.20837	0.379105	0.815677	-1.22598
cg11590772	ADAMTS10	0.000824308	5.22E-05	0.220405	-4.5371	0.0106547	0.526207	-1.90039	0.308663	0.810021	-1.23454	0.0254706	1.70055	1.70055	0.0334393	1.64368	1.64368
cg26523264	ADAMTS10	0.0016931	0.532324	1.10697	1.10697	0.0014561	2.09347	2.09347	0.0207077	1.56446	1.56446	0.0787265	1.36851	1.36851	0.000132379	0.344678	-2.90126
cg00397127	ADAMTS10	0.00307341	0.00586387	1.83456	1.83456	0.00456255	0.529639	-1.88808	0.897577	0.978565	-1.0219	0.0327686	1.52236	1.52236	0.030486	1.53393	1.53393
cg00420246	ADAMTS10	0.00787017	0.348213	1.21578	1.21578	0.0439588	1.59735	1.59735	0.815767	1.04835	1.04835	0.203628	1.31188	1.31188	0.00148836	0.395769	-2.52673
cg12845177	ADAMTS10	0.00997559	0.0220966	3.28629	3.28629	0.00186071	6.78109	6.78109	0.0105985	4.02862	4.02862	0.999115	1.00048	1.00048	0.470479	1.37476	1.37476
cg04590718	ADAMTS10	0.0113389	0.00995213	0.432173	-2.31389	0.055299	0.571277	-1.75046	0.00534356	0.388432	-2.57445	0.102972	0.631461	-1.58363	0.0043897	0.375195	-2.66528
cg15503625	ADAMTS10	0.0200649	0.870383	0.953409	-1.04888	0.349067	1.3253	1.3253	0.0630813	0.542908	-1.84193	0.101508	1.54961	1.54961	0.0152646	0.418798	-2.38778
cg22983083	ADAMTS10	0.0241443	0.840616	1.03624	1.03624	0.00797417	0.548126	-1.8244	0.0282486	0.632582	-1.58082	0.606991	1.09606	1.09606	0.0585711	0.685397	-1.45901
cg22262095	ADAMTS10	0.0316244	0.44992	0.91932	-1.08776	0.116994	0.830223	-1.2045	0.644409	0.950487	-1.05209	0.703234	1.04271	1.04271	0.171032	1.17264	1.17264
cg25691026	ADAMTS10	0.0337396	0.413665	0.855761	-1.16855	0.964738	1.00827	1.00827	0.652828	1.08806	1.08806	0.492286	1.13882	1.13882	0.000720202	0.383212	-2.60952
cg12917072	ADAMTS12	1.03E-05	3.80E-06	0.181021	-5.52422	0.0225209	0.648534	-1.54194	0.135113	0.774708	-1.29081	0.373046	0.865089	-1.15595	1.91E-06	0.153913	-6.49719
cg06893139	ADAMTS12	1.08E-05	6.68E-06	0.162792	-6.14281	0.0848619	1.41293	1.41293	6.45E-05	0.263988	-3.78806	3.91E-05	0.239687	-4.17212	2.86E-06	0.131149	-7.62494
cg04578894	ADAMTS12	0.000344309	4.12E-05	0.147441	-6.78238	0.030943	0.537726	-1.85968	0.00594057	0.414365	-2.41333	0.000596559	0.273188	-3.66049	0.0383875	0.555698	-1.79954
cg07784793	ADAMTS12	0.00137379	0.00377259	0.517009	-1.9342	0.468805	0.883034	-1.13246	0.553542	0.903801	-1.10644	0.00190124	0.475921	-2.10119	4.71E-05	0.273955	-3.65024
cg15833353	ADAMTS12	0.00234108	0.000262725	0.134141	-7.45486	0.63185	0.850717	-1.17548	0.0087503	0.326761	-3.06034	0.00509855	0.289488	-3.45437	0.0048609	0.286345	-3.49229
cg14827469	ADAMTS12	0.00340102	0.000207378	0.353299	-2.83047	0.0121795	0.592529	-1.68768	0.00577481	0.54559	-1.83288	0.832628	0.965169	-1.03609	0.530638	1.11227	1.11227
cg08768395	ADAMTS12	0.0114406	0.0413552	0.559995	-1.78573	0.242214	1.35205	1.35205	0.779398	1.07165	1.07165	0.255153	0.746199	-1.34013	0.0158467	0.482765	-2.0714
cg03592903	ADAMTS12	0.0153651	0.0335709	0.278931	-3.58512	0.00353052	0.130798	-7.64536	0.00589619	0.156794	-6.37778	0.00682405	0.164912	-6.06383	0.0817166	0.370773	-2.69706
cg10627511	ADAMTS12	0.0227738	0.0595082	0.445106	-2.24666	0.00290132	0.210568	-4.74907	0.0268471	0.36864	-2.71267	0.368047	0.703371	-1.42173	0.00915123	0.283718	-3.52463
cg26077446	ADAMTS12	0.0269894	0.0104798	0.325834	-3.06905	0.341568	0.710977	-1.40652	0.266951	0.668599	-1.49567	0.00489597	0.273084	-3.66188	0.0458601	0.450835	-2.21811
cg19641747	ADAMTS12	0.0463758	0.00908917	0.158156	-6.32285	0.224802	2.03269	2.03269	0.982871	1.01202	1.01202	0.0693753	0.322962	-3.09634	0.0219039	0.216539	-4.6181
cg14647253	ADAMTS13;ADAMTS13;ADAMTS13;ADAMTS13	4.12E-06	7.39E-07	0.0776362	-12.8806	6.47E-07	0.0742621	-13.4658	9.00E-05	0.261938	-3.8177	0.0154249	0.566392	-1.76556	0.000104134	0.269223	-3.7144
cg13892750	ADAMTS13;ADAMTS13;ADAMTS13;ADAMTS13	6.05E-05	4.10E-05	0.563491	-1.77465	0.0287634	0.827673	-1.20821	0.047018	1.18141	1.18141	0.000920752	0.695539	-1.43773	1.40E-05	0.514647	-1.94308
cg00115654	ADAMTS13;ADAMTS13;ADAMTS13;ADAMTS13	0.00650438	0.229416	1.41496	1.41496	0.00259328	3.15428	3.15428	0.00541507	2.7385	2.7385	0.125144	1.57908	1.57908	0.381603	0.781158	-1.28015
cg13633881	ADAMTS13;ADAMTS13;ADAMTS13;ADAMTS13	0.00792898	0.110344	0.547067	-1.82793	0.537533	1.24161	1.24161	0.00121324	0.19359	-5.16554	0.665745	1.1626	1.1626	0.000889577	0.178071	-5.61575

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04206389	0.0108489	0.480694	-2.08033	1.48E-05	0.127479	-7.84445	0.00580041	0.437149	-2.28755	0.000185685	0.235673	-4.24316	15.8408	13.1542	0.738135	1
cg01576450	0.00205984	0.158657	-6.30292	0.166147	0.534588	-1.8706	0.565023	1.2798	1.2798	0.00489081	0.205593	-4.86398	11.2931	32.173	2.53237	1
cg20954777	0.344806	1.23021	1.23021	0.0178089	1.8467	1.8467	0.0339077	0.5902	-1.69434	0.028897	0.577797	-1.73071	5.61058	4.02857	0.63825	1
cg02998425	0.169686	0.460247	-2.17275	0.00283622	0.11301	-8.84876	0.40741	0.637903	-1.56764	0.106179	0.392181	-2.54985	3.4576	15.4111	3.96193	1
cg19992629	0.747374	1.07026	1.07026	0.154167	1.37784	1.37784	0.229039	0.767036	-1.30372	0.774609	0.941459	-1.06218	9.0609	6.33533	0.621506	1
cg20576094	0.0359123	0.46311	-2.15931	0.30546	0.715565	-1.3975	0.00393283	0.294131	-3.39985	0.130461	0.597424	-1.67385	8.0114	12.6219	1.40044	1
cg16541653	0.0809348	0.480036	-2.08318	0.000543491	0.130222	-7.67922	0.537478	0.789164	-1.26716	0.0288332	0.376255	-2.65777	5.74306	13.081	2.02462	1
cg01858583	0.000244354	1.45715	1.45715	0.0384645	1.16057	1.16057	0.248553	1.07778	1.07778	0.0409236	0.86371	-1.1578	12.97	0.792119	0.0542873	1
cg26408609	0.531435	0.912354	-1.09607	5.23E-05	0.334857	-2.98635	0.128949	1.26796	1.26796	0.124466	1.27212	1.27212	8.29302	2.75002	0.294762	1
cg00095027	0.746737	0.862868	-1.15893	0.00721561	4.84659	4.84659	0.0100097	4.39314	4.39314	0.0481383	2.79571	2.79571	6.20924	20.3754	2.91685	1
cg27220091	0.17079	0.789007	-1.26742	0.369096	0.86081	-1.1617	0.0678617	1.39418	1.39418	0.794791	0.958533	-1.04326	4.56339	1.90804	0.371661	1
cg21823149	0.0923818	0.850972	-1.17513	0.295643	0.909841	-1.09909	0.00228561	0.689641	-1.45003	0.184196	1.13058	1.13058	18.9185	2.27435	0.10686	1
cg26799816	0.00492463	0.406183	-2.46194	0.312241	1.28767	1.28767	0.0107998	2.16943	2.16943	0.172019	0.703544	-1.42138	9.56689	8.86372	0.823556	1
cg04371413	0.0123873	0.315941	-3.16515	0.00286466	0.21905	-4.56516	0.684174	1.16342	1.16342	0.00975617	0.298313	-3.35218	5.87065	12.7359	1.92837	1
cg12243681	0.569524	0.752778	-1.32841	0.00412636	0.149507	-6.68866	0.380544	0.641221	-1.55953	0.151167	0.467691	-2.13816	3.51304	13.5804	3.4362	1
cg16767652	0.589155	1.11035	1.11035	0.452131	1.15842	1.15842	0.00130736	0.407208	-2.45575	0.568623	0.895282	-1.11697	9.86271	5.75708	0.518863	1
cg20551671	0.957174	1.01221	1.01221	0.000533591	3.38064	3.38064	0.005205	0.434671	-2.30059	0.133296	0.69355	-1.44186	7.38801	5.97426	0.718793	1
cg18757155	0.0209393	0.553895	-1.8054	0.228796	0.76448	-1.30808	0.617113	0.898366	-1.11313	0.220265	0.760292	-1.31528	4.61231	3.3028	0.636519	1
cg14976447	0.00858711	0.412184	-2.4261	0.279586	0.74289	-1.34609	0.542803	0.849697	-1.17689	0.253408	0.729517	-1.37077	4.15409	4.59929	0.984152	1
cg22915945	0.188266	1.76637	1.76637	0.0291325	2.85543	2.85543	0.521432	1.30368	1.30368	0.280987	1.57977	1.57977	3.50945	9.25601	2.34441	1
cg16870595	0.0290836	1.28035	1.28035	6.43E-06	0.380459	-2.62841	0.0986693	1.19003	1.19003	0.369076	1.09268	1.09268	17.2144	2.51678	0.129957	1
cg18716486	0.375306	1.10284	1.10284	0.000407107	1.83001	1.83001	0.438509	0.918505	-1.08873	0.249679	0.878603	-1.13817	8.15447	1.49464	0.162925	1
cg10327756	0.0303234	0.439652	-2.27453	0.00046784	0.169447	-5.90155	0.823996	1.07454	1.07454	0.0236709	0.418187	-2.39127	7.92885	13.0815	1.46654	1
cg14561282	0.0931942	0.655296	-1.52603	0.104116	0.665862	-1.50181	0.00750753	2.19798	2.19798	0.760396	0.932389	-1.07251	4.79091	3.97461	0.737436	1
cg25097705	0.963931	0.990088	-1.01001	0.0433761	1.66827	1.66827	0.205341	1.34224	1.34224	0.47027	1.17563	1.17563	3.5605	2.73633	0.683134	1
cg08746033	0.0194457	0.200995	-4.97524	0.495825	0.675198	-1.48105	0.0651954	0.308602	-3.24042	0.262796	0.515271	-1.94073	3.55015	18.1355	4.54078	1
cg02826368	0.628386	1.07243	1.07243	0.000368209	0.441417	-2.26543	0.368816	1.14151	1.14151	0.715163	0.948805	-1.05396	8.24153	2.68355	0.289433	1
cg03852045	1.19E-05	0.123804	-8.07725	0.374827	0.814271	-1.22809	0.15826	0.711604	-1.40528	0.226181	0.750772	-1.33196	17.6476	14.2204	0.716268	1
cg26933147	0.000620358	0.333642	-2.99723	0.00037019	0.304927	-3.27947	0.0194336	1.80196	1.80196	0.0487404	1.59859	1.59859	14.998	10.3176	0.611497	1
cg23131777	0.349442	0.83849	-1.19262	2.27E-05	0.21188	-4.71965	0.00324765	2.08356	2.08356	0.605013	1.10012	1.10012	14.97	7.92994	0.470865	1
cg13474124	0.0930622	0.643985	-1.55283	0.038162	1.77239	1.77239	0.536259	1.16087	1.16087	0.613788	0.885848	-1.12886	6.30829	5.66801	0.798669	1
cg23326301	0.25082	1.16972	1.16972	0.0680962	1.30593	1.30593	0.387011	0.890612	-1.12282	0.023245	0.7016	-1.42531	3.67477	0.993406	0.240294	1
cg22774211	0.0392561	3.42588	3.42588	0.491795	1.43396	1.43396	0.0308747	3.70082	3.70082	0.0757612	2.77411	2.77411	4.04481	17.0714	3.75162	1
cg11052259	0.000601658	0.316067	-3.16389	0.69819	1.08851	1.08851	0.00378357	0.427267	-2.34046	0.746621	0.931871	-1.07311	13.1977	9.90221	0.66693	1
cg26394257	0.0427789	0.35452	-2.82071	0.00431058	5.45835	5.45835	0.154415	1.96971	1.96971	0.00854931	4.44571	4.44571	8.22297	25.754	2.78396	1
cg03780701	0.0122229	0.209448	-4.77446	0.017713	4.23904	4.23904	0.0413769	3.2482	3.2482	0.0071537	5.69271	5.69271	6.1333	24.3585	3.53024	1
cg05789704	0.046658	0.177184	-5.64385	0.01009	11.7772	11.7772	0.0485437	5.53936	5.53936	0.0107955	11.3898	11.3898	6.1035	55.7874	8.12465	1
cg10852045	0.507878	0.719388	-1.39007	0.00115681	0.0962945	-10.3848	0.563159	0.750823	-1.33187	0.00625597	0.17433	-5.73625	5.94194	22.6216	3.38409	1
cg16540080	0.0200077	0.422953	-2.36433	0.00234252	3.6764	3.6764	0.10315	1.72717	1.72717	0.00392272	3.28676	3.28676	5.90121	8.78233	1.32287	1
cg14618996	0.327794	0.652203	-1.53326	0.0285076	2.98504	2.98504	0.0564632	2.49365	2.49365	0.00925536	4.04496	4.04496	5.39992	15.3109	2.52035	1
cg08827307	0.170438	0.320899	-3.11624	0.0115167	11.7115	11.7115	0.0517807	5.60282	5.60282	0.0160165	9.92974	9.92974	4.58228	43.9934	8.53402	1
cg22848598	0.185039	0.166891	-5.99195	0.0250079	29.8649	29.8649	0.059453	15.0279	15.0279	0.0265375	28.4825	28.4825	3.96397	101.857	22.8407	1
cg27417469	0.00861637	0.342789	-2.91724	0.750298	0.902987	-1.10744	0.725512	1.11925	1.11925	0.392764	1.32289	1.32289	3.4513	5.58363	1.43807	1
cg26124318	0.0253277	0.111476	-8.97057	0.0265114	8.76116	8.76116	0.0211022	9.86173	9.86173	0.0109918	13.9132	13.9132	5.70705	61.5484	9.58633	1
cg02637318	0.0200028	0.0895633	-11.1653	0.149635	3.77255	3.77255	0.0156326	12.7734	12.7734	0.0184922	11.6525	11.6525	5.65671	66.1814	10.3997	1
cg22764390	0.000259786	0.250123	-3.99803	0.00246063	2.64178	2.64178	0.00854357	2.16832	2.16832	0.548862	1.15017	1.15017	11.9639	10.0809	0.748992	1
cg00923873	0.00630684	0.497482	-2.01012	0.899275	0.975452	-1.02517	0.021152	0.580392	-1.72297	0.273984	0.799782	-1.25034	8.91298	5.43765	0.542295	1
cg14176989	0.177258	0.626395	-1.59644	0.00149332	4.45364	4.45364	0.21123	1.53672	1.53672	0.629536	0.853381	-1.17181	7.16579	12.0757	1.49794	1
cg07444323	0.168246	0.688713	-1.45198	0.0386756	1.83706	1.83706	0.00333126	2.75906	2.75906	0.0925232	1.60029	1.60029	5.70236	5.82557	0.908094	1
cg23073319	0.118981	1.21597	1.21597	0.0485966	1.29735	1.29735	0.977212	1.00331	1.00331	0.0616451	0.784076	-1.27539	5.51906	1.16724	0.187993	1
cg27343325	0.370781	0.758084	-1.31912	0.00229215	0.276741	-3.61348	0.00760504	0.355446	-2.81336	0.073727	0.548393	-1.82351	5.42266	7.79963	1.27852	1
cg22333888	0.895251	0.962182	-1.0393	0.124995	0.615079	-1.62581	0.232415	0.693162	-1.44266	0.098161	0.588078	-1.70045	4.88924	6.63214	1.20576	1
cg04368843	0.808851	1.05474	1.05474	0.00127975	0.356078	-2.80837	0.499887	1.16252	1.16252	0.0175215	0.529548	-1.8884	4.37195	3.34785	0.680674	1
cg04505348	0.998804	0.999705	-1.0003	0.442734	1.16678	1.16678	0.16527	0.746997	-1.33869	0.134422	0.727529	-1.37452	3.69509	2.27309	0.546815	1
cg08424491	0.0562966	0.344179	-2.90546	0.0480419	0.327855	-3.05013	0.192029	0.505867	-1.97681	0.071603	0.370559	-2.69863	3.51982	13.575	3.42821	1
cg03000503	1.22E-06	0.147921	-6.76036	4.08E-07	0.11052	-9.04813	0.00123575	0.486315	-2.05628	9.00E-05	0.34327	-2.91316	53.5702	19.7682	0.328014	1
cg15627442	0.175793	0.756971	-1.32105	0.218543	1.28443	1.28443	0.816429	0.95602	-1.046	3.45E-05	0.212394	-4.70822	34.0339	20.1655	0.526678	1
cg19512903	3.77E-05	0.264334	-3.78309	4.29E-05	0.270645	-3.69488	0.17922	0.786736	-1.27108	0.0178222	0.616167	-1.62294	19.2171	8.60204	0.397888	1
cg05615220	0.351489	1.16475	1.16475	0.447419	1.13106	1.13106	0.0327109	0.672044	-1.488	0.00212878	0.503305	-1.98687	4.4301	1.77484	0.356117	1
cg07387286	0.0429483	0.149119	-6.70607	0.0328493	0.13013	-7.68462	0.491086	1.77069	1.77069	0.906724	1.10049	1.10049	3.88821	41.0975	9.39535	1
cg11199639	0.0969571	0.257789	-3.87915	0.104494	0.267016	-3.7451	0.384454	1.94165	1.94165	0.561195	1.54834	1.54834	3.4106	29.9076	7.79469	1
cg13054881	0.000821533	0.365657	-2.7348	2.52E-05	0.188329	-5.30986	3.55E-05	0.203389	-4.91669	0.000491702	0.336412	-2.97254	22.0387	13.9032	0.560759	1
cg04975143	0.0193898	0.526899	-1.8979	0.493298	0.854113	-1.17081	0.0156711	0.510986	-1.957	0.0160525	0.512766	-1.95021	7.94978	6.46822	0.723231	1
cg01932381	0.17232	0.688824	-1.45175	0.000329908	0.225852	-4.42767	0.124459	0.652558	-1.53243	0.223537	0.720243	-1.38842	5.80863	6.058	0.927051	1
cg13805262	0.00675067	0.394439	-2.53525	0.394291	1.26003	1.26003	0.0437118	0.541081	-1.84815	0.000747533	0.257872	-3.87789	5.63349	6.2611	0.987918	1
cg13499371	0.186726	0.453231	-2.20638	0.0100858	0.159509	-6.26925	0.0670479	0.31329	-3.19193	0.0876121	0.344344	-2.90407	3.50345	17.7386	4.5006	1
cg17897391	0.00960004	0.600485	-1.66532	1.18E-07	0.071907	-13.9068	2.46E-06	0.169211	-5.90977	0.00409894	0.549332	-1.82039	74.8912	28.698	0.340619	1
cg08383526	0.00141957	0.111662	-8.95559	0.000714032	0.0865917	-11.5485	0.00206623	0.127473	-7.84479	0.012456	0.228459	-4.37715	9.64936	34.4499	3.17349	1
cg05847038	0.0276391	0.430193	-2.32454	0.0054311	0.305733	-3.27083	0.00197436	0.242644	-4.12127	0.0567628	0.497338	-2.0107	8.18217	13.5978	1.47722	1
cg20433580	0.159218	0.539286	-1.8543	0.00229388	0.173856	-5.75188	0.00618779	0.230983	-4.32932	0.00841329	0.251222	-3.98054	6.51622	17.387	2.3718	1
cg25526061	0.581159	1.11705	1.11705	1.32E-06	0.0852229	-11.7339	0.00678725	2.00753	2.00753	0.00111565	0.385277	-2.59554	27.8078	17.3799	0.555555	1
cg17787585	0.00255968	0.500852	-1.9966	1.87E-05	0.236822	-4.22258	0.152373	0.776161	-1.28839	0.133113	0.765044	-1.30711	20.6435	8.93224	0.384614	1
cg03885037	0.389984	1.25358	1.25358	0.0986451	0.628374	-1.59141	0.000128938	5.5138	5.5138	0.109895	1.56377	1.56377	13.5457	14.1214	0.926668	1
cg06188870	0.0237811	0.401372	-2.49145	0.000122225	0.103452	-9.66631	0.0808714	0.519501	-1.92492	0.2887	0.688926	-1.45153	8.3309	15.102	1.61135	1
cg23452957	0.043953	0.592939	-1.68652	0.000586449	0.301363	-3.31826	0.0645078	0.625719	-1.59816	0.0171616	0.519079	-1.92649	7.631	6.16	0.717542	1
cg17485549	0.0315223	1.36507	1.36507	0.876859	1.01932	1.01932	0.217172	0.851952	-1.17377	0.504245	0.919775	-1.08722	6.7592	1.63011	0.214373	1
cg20676317	0.539177	0.791784	-1.26297	0.0001763	0.0917872	-10.8948	0.385534	0.716002	-1.39664	0.110868	0.520841	-1.91997	6.40547	14.3062	1.98527	1
cg23114262	0.665457	0.789617	-1.26644	0.000580571	0.0556218	-17.9786	0.150804	0.433421	-2.30723	0.326763	0.577117	-1.73275	5.83387	27.2395	4.1504	1
cg07807481	0.784266	0.953347	-1.04894	0.322127	0.836883	-1.19491	0.174703	0.777763	-1.28574	0.504738	0.888833	-1.12507	5.74844	2.75961	0.426722	1
cg14259466	0.0816851	0.436436	-2.29129	0.00121459	0.130663	-7.65325	0.687302	0.840397	-1.18991	0.396294	0.688474	-1.45249	5.55958	16.259	2.59956	1
cg11380051	0.291358	0.669932	-1.49269	0.943848	0.974558	-1.02611	0.88932	1.05226	1.05226	0.0781129	0.488631	-2.04653	4.68042	9.92234	1.88442	1
cg16102283	0.0194027	1.6773	1.6773	0.0129188	0.568545	-1.75888	0.0307289	0.628541	-1.59099	0.383277	0.84909	-1.17773	4.24117	2.24886	0.471329	1
cg04225554	0.408507	0.825362	-1.21159	0.00943221	0.473763	-2.11076	0.581794	0.881356	-1.13461	0.594922	0.885288	-1.12958	3.58213	2.92438	0.725671	1
cg00851312	0.0570076	0.187116	-5.34429	0.00686221	0.0655787	-15.2488	0.0363294	0.150491	-6.64491	0.28273	0.41951	-2.38373	3.53608	33.9193	8.52653	1
cg24382527	0.0562396	0.502931	-1.98835	0.074075	0.531104	-1.88287	0.0396755	2.13013	2.13013	0.520004	0.812764	-1.23037	5.74925	9.2019	1.4227	1
cg07469630	0.00869497	0.421632	-2.37174	0.00348538	0.359211	-2.78388	0.770756	1.07838	1.07838	0.0254413	0.503614	-1.98565	7.36627	7.78206	0.939062	1
cg09321684	0.020896	0.660984	-1.5129	0.04832	1.39943	1.39943	0.142417	0.790679	-1.26474	0.340317	1.15762	1.15762	6.34629	2.22987	0.312325	1
cg05945984	0.132159	0.792664	-1.26157	0.933471	0.988132	-1.01201	0.158947	0.806314	-1.24021	0.0382491	0.709361	-1.40972	6.07839	1.96836	0.287848	1
cg10282371	0.446951	1.19749	1.19749	7.75E-06	0.10216	-9.78858	0.0702405	0.624675	-1.60083	0.913215	0.974971	-1.02567	12.4205	10.6339	0.761027	1
cg13574809	0.159495	1.8583	1.8583	0.182979	1.79043	1.79043	0.798241	1.11136	1.11136	0.454851	1.36859	1.36859	7.58916	20.4223	2.39198	1
cg06294027	0.256956	0.74855	-1.33592	0.000292783	0.23579	-4.24105	0.228074	1.36301	1.36301	0.0552975	0.587544	-1.702	5.51093	5.22989	0.843558	1
cg01759110	0.146887	0.78235	-1.2782	5.45E-06	0.197664	-5.05909	0.613061	0.922747	-1.08372	0.320162	0.850478	-1.17581	15.4156	6.06885	0.34994	1
cg13059335	0.0688491	0.644764	-1.55095	0.349809	0.812667	-1.23052	0.0504334	0.618426	-1.61701	0.697948	1.08769	1.08769	14.0906	10.3671	0.653996	1
cg14143055	0.00607179	0.55909	-1.78862	0.257279	1.2115	1.2115	0.0104746	0.592822	-1.68685	0.0212515	0.638033	-1.56732	12.3747	5.1614	0.37075	1
cg02885543	0.274319	1.52962	1.52962	0.345202	0.695399	-1.43802	0.100182	0.510163	-1.96016	0.219748	0.617438	-1.6196	3.84549	8.50331	1.96555	1
cg02425108	0.00403892	0.72522	-1.37889	8.60E-07	0.336115	-2.97517	0.0284164	1.24013	1.24013	0.0322961	0.811745	-1.23191	45.0068	4.93445	0.0974558	1
cg20187011	0.00914399	0.271306	-3.68588	0.00445609	0.224306	-4.4582	0.151306	1.83281	1.83281	0.420859	0.723239	-1.38267	5.62317	13.8266	2.18566	1
cg23733177	0.273475	1.32779	1.32779	0.644966	0.890988	-1.12235	0.04302	0.560314	-1.78471	0.293516	0.762558	-1.31138	5.13122	5.02958	0.871282	1
cg11189837	0.0508218	0.639343	-1.5641	0.0263492	0.588876	-1.69815	0.412865	0.845089	-1.18331	0.968568	1.00795	1.00795	4.9836	3.19025	0.569021	1
cg23737229	0.114747	1.4251	1.4251	0.00284186	0.428047	-2.33619	0.223475	1.30233	1.30233	0.533703	1.13904	1.13904	4.28469	2.89455	0.600495	1
cg00952789	0.509415	0.805573	-1.24135	0.00354989	0.279017	-3.58401	0.178913	1.5861	1.5861	0.765978	1.10123	1.10123	3.48638	5.76238	1.46918	1
cg12085570	9.86E-05	1.64634	1.64634	8.44E-06	0.496909	-2.01244	0.0407615	0.843426	-1.18564	0.0114541	1.25621	1.25621	22.4242	1.84595	0.073173	1
cg19662846	0.959283	0.988539	-1.01159	7.22E-05	5.11331	5.11331	0.00117507	2.9302	2.9302	0.0124531	2.01809	2.01809	14.8884	12.0212	0.717709	1
cg11590772	0.730227	1.07167	1.07167	0.00330976	0.449339	-2.22549	0.243519	1.27637	1.27637	0.620928	0.905123	-1.10482	12.4269	7.87004	0.562939	1
cg26523264	0.792325	0.958488	-1.04331	0.480351	1.12217	1.12217	0.826729	0.965389	-1.03585	0.6435	1.07776	1.07776	10.1197	4.13768	0.363444	1
cg00397127	0.00190534	0.477121	-2.0959	0.0926434	1.36527	1.36527	0.420864	1.14839	1.14839	0.150836	1.2957	1.2957	8.4969	3.80976	0.398552	1
cg00420246	0.0447132	1.59394	1.59394	0.224205	0.772357	-1.29474	0.170838	0.744509	-1.34317	0.00909145	0.511423	-1.95533	6.37688	4.13361	0.576195	1
cg12845177	0.542909	0.765688	-1.30602	0.139161	1.9938	1.9938	0.00658328	4.61674	4.61674	0.00732161	4.47687	4.47687	5.91524	17.6063	2.64571	1
cg04590718	0.0472242	0.557027	-1.79524	0.00310221	0.352479	-2.83704	0.84413	1.05204	1.05204	0.0664265	0.58831	-1.69978	5.67668	5.97113	0.934996	1
cg15503625	0.565431	1.18502	1.18502	0.889376	1.0415	1.0415	0.751386	0.911321	-1.09731	0.00136703	0.257336	-3.88597	4.69939	6.35312	1.20169	1
cg22983083	0.546937	0.897839	-1.11379	0.00604735	0.53052	-1.88494	0.769573	1.0533	1.0533	0.149503	1.31417	1.31417	4.41023	2.18302	0.439991	1
cg22262095	0.539715	1.07019	1.07019	0.0011024	1.6915	1.6915	0.260564	0.879665	-1.1368	0.507543	1.07622	1.07622	4.01078	0.758346	0.168069	1
cg25691026	0.864604	1.03232	1.03232	0.129996	0.737235	-1.35642	0.685096	1.07895	1.07895	0.182415	0.76816	-1.30181	3.91868	2.15613	0.489084	1
cg12917072	7.73E-06	0.211086	-4.7374	0.803996	0.961359	-1.04019	0.31872	1.17741	1.17741	9.03E-05	0.329681	-3.03323	40.2313	16.0029	0.353575	1
cg06893139	0.000220194	0.327337	-3.05496	0.000367263	0.355234	-2.81504	0.101236	1.38478	1.38478	0.00595318	0.520817	-1.92006	39.7852	20.7344	0.463252	1
cg04578894	0.000178019	0.211142	-4.73614	0.00130209	0.317663	-3.14799	0.344222	1.26946	1.26946	0.00830782	0.437706	-2.28464	15.8404	15.0446	0.844231	1
cg07784793	0.00470074	0.530447	-1.8852	0.0135975	0.597337	-1.6741	0.275414	0.825723	-1.21106	0.079621	0.720123	-1.38865	10.7477	4.8483	0.400981	1
cg15833353	0.00738207	0.31468	-3.17783	0.0207161	0.393451	-2.54161	0.482029	1.27039	1.27039	0.00488415	0.286658	-3.48848	9.20805	16.3585	1.57915	1
cg14827469	0.958117	1.00884	1.00884	0.0348189	1.50997	1.50997	0.865937	1.02871	1.02871	0.88753	1.02399	1.02399	8.24423	3.66426	0.395079	1
cg08768395	0.0807508	0.620492	-1.61163	0.000833654	0.289575	-3.45334	0.206945	1.38816	1.38816	0.0799391	0.619526	-1.61414	5.66033	5.44391	0.854903	1
cg03592903	0.0482885	0.313305	-3.19178	0.0138326	0.209188	-4.78038	0.634733	0.78182	-1.27907	0.0969248	0.391783	-2.55243	5.13962	21.5294	3.72347	1
cg10627511	0.238229	0.624911	-1.60023	0.00914473	0.283667	-3.52526	0.621612	0.827507	-1.20845	0.908541	0.957207	-1.04471	4.50015	10.3226	2.03897	1
cg26077446	0.0235636	0.390154	-2.56309	0.0165337	0.360882	-2.77099	0.548923	1.23504	1.23504	0.270981	0.671045	-1.49021	4.24225	8.14035	1.70567	1
cg19641747	0.161118	0.434872	-2.29953	0.0496631	0.2877	-3.47584	0.957316	0.970661	-1.03023	0.0844372	0.345789	-2.89194	3.48591	17.0893	4.35767	1
cg14647253	7.21E-06	0.150403	-6.64879	6.19E-05	0.243529	-4.10629	0.00177631	0.42698	-2.34203	0.0050154	0.491632	-2.03404	51.0184	29.5549	0.514933	1
cg13892750	0.635512	0.965591	-1.03564	0.222187	1.09865	1.09865	0.000776165	1.45207	1.45207	0.0865989	0.870391	-1.14891	25.312	2.15597	0.0757115	1
cg00115654	0.937963	1.02165	1.02165	0.193287	0.684624	-1.46066	0.00103915	3.806	3.806	0.136087	1.55589	1.55589	6.76796	8.11939	1.06638	1
cg13633881	0.585255	0.82611	-1.21049	0.0138955	0.348704	-2.86776	0.736802	0.889648	-1.12404	0.418095	0.75064	-1.3322	6.36197	12.1075	1.69166	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
	ADAMTS1;ADAMTS13;ADAMTS13;AD																				
cg14349763	AMTS13	0.0157395	0.831818	0.93022	-1.07501	0.0796347	0.515992	-1.93801	0.0454867	0.458325	-2.18186	0.183102	0.618499	-1.61682	0.0061721	0.296247	-3.37556	0.0293671	0.41783	-2.39359	0.000699047	0.172311
	ADAMTS1;ADAMTS13;ADAMTS13;AD																				
cg14206140	AMTS13	0.0179182	0.0350651	0.539818	-1.85248	0.0879325	1.6061	1.6061	0.0180613	0.486234	-2.05662	0.012202	0.456538	-2.1904	0.0345291	0.53852	-1.85694	0.0207498	0.497072	-2.01178	0.328693
	ADAMTS1;ADAMTS13;ADAMTS13;AD																				
cg08795752	AMTS13	0.0261237	0.0830779	0.558145	-1.79165	0.303405	1.38257	1.38257	0.0730012	1.8362	1.8362	0.705515	1.12229	1.12229	0.00582391	0.333744	-2.99631	0.0234604	0.439296	-2.27637	0.701348
	ADAMTS1;ADAMTS13;ADAMTS13;AD																				
cg16112945	AMTS13	0.0352154	0.00564674	0.233999	-4.27353	0.200059	0.581971	-1.7183	0.133184	0.52317	-1.91143	0.0158595	0.306794	-3.25951	0.0769586	0.455431	-2.19572	0.0955948	0.480884	-2.0795	0.0074423
	ADAMTS1;ADAMTS13;ADAMTS13;AD																				
cg14362312	AMTS13	0.0374102	0.189604	0.482729	-2.07156	0.594736	0.754695	-1.32504	0.843978	1.10881	1.10881	0.0475128	0.304786	-3.281	0.051505	0.312894	-3.19597	0.6804	0.804844	-1.24248	0.8829644
	ADAMTS1;ADAMTS13;ADAMTS13;AD																				
cg14802951	TS13	0.0024284	0.0267528	0.603792	-1.65805	0.00031742	3.07953	3.07953	0.3393108	0.826925	-1.2093	0.029448	0.609812	-1.63985	0.101994	0.708063	-1.4123	0.0118133	1.83376	1.83376	0.505317
cg01044684	ADAMTS1;REX04	0.0032115	0.00497028	0.137091	-7.29444	0.000275971	0.0415103	-24.0904	0.016337	0.208311	-4.80051	0.174823	0.462476	-2.16227	0.00102796	0.0743093	-13.4573	0.0286147	0.251607	-3.97445	0.0471933
cg22110492	ADAMTS1;REX04;REX04	0.0186467	0.7897277	1.04142	1.04142	0.203613	0.815676	-1.22598	0.0234613	0.663002	-1.50829	0.0972539	0.75877	-1.31792	0.0255057	1.22473	1.22473	0.69354	1.06198	1.06198	0.0221705
cg14612544	ADAMTS1;ADAMTS9	6.85E-05	0.000598017	2.5331	2.5331	0.234911	0.815752	-1.22586	4.99E-06	2.444586	7.44486	0.802964	0.900302	-1.11045	0.100246	1.34531	1.34531	0.0472644	0.68623	-1.45724	0.583745
cg04838832	ADAMTS1;ADAMTS14	0.0015187	0.000898451	0.0105252	-95.0105	0.00154708	0.0154289	-64.8134	0.0193643	0.0749433	-13.3434	0.117332	0.210427	-4.75224	0.00567938	0.0359986	-27.7789	0.132833	0.226296	-4.41899	0.00564947
cg10445453	ADAMTS1;ADAMTS14	0.0078246	0.0265373	0.58032	-1.99872	0.0282626	1.25156	1.97856	0.362957	0.784659	-1.27933	0.31278	1.31663	1.31663	0.0604712	0.5724261	-1.74685	0.0015169	0.30018	-3.33133	0.00564934
cg25315400	ADAMTS1;ADAMTS14	0.0156841	0.0570769	0.588922	-1.69804	0.0500759	1.73239	1.73239	0.0232157	0.512746	-1.95029	0.107427	0.649105	-1.54054	0.0014505	0.2958	-3.38005	0.0474114	0.961753	-1.03977	0.0760153
cg14124405	ADAMTS1;ADAMTS14	0.0196397	0.658504	0.927932	-1.07767	0.0307587	1.53212	1.53212	0.76598	1.05147	1.05147	0.4304	1.14491	1.14491	0.622597	0.919964	-1.087	0.0755856	1.39461	1.39461	0.00322536
cg24270989	ADAMTS1;ADAMTS14	0.0404054	0.532739	0.888313	-1.12537	0.4842219	1.1282	1.1282	0.3940861	0.915965	-1.09265	0.00147602	0.455909	-1.52162	0.0944227	0.9588154	-1.04319	0.114061	0.747	-1.33849	0.2393324
cg02590614	AMTS1	5.49E-05	1.63E-06	0.185421	-5.39314	0.0528311	1.36003	1.36003	0.196125	1.21044	1.21044	0.375106	0.880566	-1.13563	0.0128771	0.649549	-1.53953	0.0046577	1.69179	1.69179	0.0169529
cg14737287	ADAMTS1;ADAMTS5	0.0006611921	0.0714316	0.715592	-1.40593	0.0786764	0.718883	-1.39105	0.000222048	0.353744	-2.8269	0.430483	0.872944	-1.14562	0.00111418	0.317132	-3.15326	0.0126124	0.59039	-1.69408	0.00015045
cg21691170	ADAMTS1;ADAMTS5	0.0041215	0.000406672	0.579246	-1.72638	0.6031352	1.05257	1.05257	0.145974	0.859251	-1.1638	0.683451	0.960941	-1.04065	0.274664	1.11679	1.11679	0.0141246	0.745017	-1.34225	0.0054089
cg02484111	ADAMTS1;ADAMTS5	0.006082672	0.84968	1.03725	1.03725	0.724832	1.0705	1.0705	0.407961	1.17721	1.17721	0.395383	1.18267	1.18267	0.697904	0.927574	-1.07808	0.789107	1.05303	1.05303	0.250192
ch.11.77382606ADAMTS5	ADAMTS5	0.0083735	0.019113	0.753526	-1.32783	0.523281	0.883398	-1.13159	0.00150555	0.6456	-1.54895	0.0318511	0.782348	-1.2782	0.0613388	0.81391	-1.22864	0.6213369	0.97536	-1.02568	0.0480469
cg15325978	ADAMTS1;ADAMTS5	0.0096976	0.0465639	5.10043	5.10043	0.0245555	0.147423	-6.78322	0.838182	1.1574	1.1574	0.688015	0.749347	-1.3345	0.00442417	0.066182	-15.1098	0.00711174	0.0832824	-12.0073	0.1817358
cg15020247	ADAMTS1;ADAMTS5	0.01899	0.9662339	1.00665	1.00665	0.106319	1.13805	1.13805	0.453116	0.878313	-1.12713	0.127808	0.8837351	-1.12924	0.0778075	0.735738	-1.35918	0.1182114	0.800705	-1.2483	0.00223818
cg07738592	ADAMTS1;ADAMTS5	0.0216307	0.00612422	0.2921038	-3.42339	0.1838949	0.84505	1.84505	0.0214526	0.58721	-1.58721	0.624668	1.18487	1.18487	0.358452	0.7706423	-1.31385	0.0923197	0.526881	-1.89801	0.0479857
cg22983903	ADAMTS1;ADAMTS5	0.00023302	0.0565975	0.772915	-1.2938	0.1090773	1.23241	1.23241	0.16327	1.19476	1.19476	0.0551893	1.29687	1.29687	0.012211	1.45267	1.45267	0.586568	0.936443	-1.06787	0.00736042
cg17627138	ADAMTS1;ADAMTS5	0.000260685	0.498721	0.8977	-1.11407	0.2027638	1.35818	1.35818	0.0128368	0.836023	-1.25212	0.0964186	0.9019005	-1.10859	0.0995587	1.20443	1.20443	0.0001049953	0.206423	-4.84467	0.0179701
cg25536094	ADAMTS1;ADAMTS5	0.000323695	0.000956779	2.88209	2.88209	0.113869	1.14776	1.44776	0.00971478	2.02112	2.02112	0.0129471	1.94168	1.94168	0.00110626	2.91326	2.91326	0.000991498	2.68487	2.68487	2.56E-05
cg10881764	ADAMTS1;ADAMTS5	0.0070266035	0.0314864	2.8698	2.8698	0.0364376	0.718883	-1.39105	0.000222048	0.353744	-2.8269	0.430483	0.872944	-1.14562	0.00111418	0.317132	-3.15326	0.2596995	1.4082	1.4082	0.0006435
cg24573724	ADAMTS1;ADAMTS5	0.000853872	0.57326	1.09979	1.09979	0.18468	0.790469	-1.26507	9.50E-05	0.312932	-3.19558	0.30088	0.83598	-1.1962	0.000223806	0.3582888	-2.79105	0.0372373	1.49785	1.49785	0.0585041
cg02109699	ADAMTS1;ADAMTS5	0.00134892	0.734213	1.0475	1.0475	0.771613	1.04043	1.04043	0.0081635	0.836631	-1.58571	0.18851	1.20894	1.20894	0.309406	0.866536	-1.15402	0.1285002	0.799513	-1.25075	0.000136194
cg22562853	ADAMTS1;ADAMTS5	0.00183229	0.00648433	0.786164	-1.27208	0.3508373	0.959274	1.04178	0.0233838	0.647146	-1.54525	0.0852357	0.762224	-1.31192	0.0193947	0.980823	-1.01924	0.8732441	0.975736	-1.02504	0.7240701
cg26868514	ADAMTS1;ADAMTS5	0.00241138	0.0723085	1.36801	1.36801	0.00288152	0.527105	-1.89715	0.00193667	0.503961	-1.98427	0.928496	1.01412	1.01412	0.170555	0.796112	-1.2561	0.5615538	1.09605	1.09605	0.921158
cg00481590	ADAMTS1;ADAMTS5	0.00296447	0.00182275	0.518879	-1.92734	0.1384214	0.72152	-1.3852	0.00310564	0.626903	-1.59543	0.0944225	0.874938	-1.14295	0.0139084	0.8669	-1.15353	0.1580934	0.827242	-1.20884	0.332575
cg06758605	ADAMTS1;ADAMTS5	0.00389693	0.00149443	0.203405	-4.91631	0.801143	0.19175	0.09175	0.395053	0.73862	-1.35388	0.441364	1.31399	1.31399	0.000264426	0.1244021	8.03855	0.629864	1.184	1.1184	0.13102
cg26908818	ADAMTS1;ADAMTS5	0.00537689	0.284247	0.859677	-1.16323	0.115766	1.26158	1.26158	0.673817	0.944083	-1.05923	0.570197	1.08112	1.08112	0.0194317	1.46822	1.46822	0.666265	0.94273	-1.06075	0.000124097
cg09456340	ADAMTS1;ADAMTS5	0.0026382	0.0263807	0.7116	-1.40525	0.2509913	1.25164	1.25164	0.0266903	0.624503	-1.60121	0.0477175	1.01697	1.01697	0.0017569	1.41358	1.41358	0.0010147	0.73836	-1.35431	0.0016182
cg15411554	ADAMTS1;ADAMTS5	0.00828175	0.0531011	2.59688	2.59688	0.125079	2.05634	2.05634	0.0962434	0.454233	-2.21028	0.0561413	0.3900923	-2.56318	0.0506655	1.29977	1.29977	0.554873	0.771552	-1.29609	0.0172389
cg21926451	ADAMTS1;ADAMTS5	0.00909209	0.9472277	1.01483	1.01483	0.0408173	0.5762274	0.5762274	0.7708	0.852229	-1.17292	0.0201739	0.7007767	-1.10248	0.0185899	1.02179	1.02179	0.8011082	0.97463	-1.02611	0.6944206
cg19452011	ADAMTS1;ADAMTS5	0.0045366	0.0297589	1.43271	1.43271	0.00240758	0.07137	0.07137	0.0745958	0.21436	-4.66436	0.953029	0.97761	-1.02288	0.0562229	2.29433	2.29433	0.484212	1.31395	1.31395	0.00505461
cg25332444	ADAMTS1;ADAMTS5	0.00195047	0.0159577	0.529678	-1.88794	0.1026844	0.440459	-2.27036	0.0350406	0.685963	-1.45027	0.519023	1.13794	1.13794	0.0017569	0.413558	-2.41804	0.0661242	0.665337	-1.503	0.0053105
cg13170705	ADAMTS1;ADAMTS5	0.00287514	0.00710301	0.1650609	-6.05809	0.0286643	0.119448	-8.37182	0.143475	0.442966	-2.25751	0.250415	1.86281	1.86281	0.004301602	0.13841	7.22489	0.870825	0.08795	1.08795	0.0016916
cg00485202	ADAMTS1;ADAMTS5	0.00327736	0.0537206	0.552615	-1.80958	0.113099	1.59499	1.59499	0.0106689	0.419355	-2.38462	0.992689	0.997523	-1.00248	0.000114715	0.160089	-6.24652	0.2636427	0.956107	-1.04591	0.618581
cg08119229	ADAMTS1;ADAMTS5	0.00373503	0.0473553	0.143607	-6.96547	0.0021312	0.260921	-3.83114	0.0014355	0.379579	-2.6345	0.290068	1.8531	1.8531	0.000134514	0.4944	-2.02285	0.7488665	1.19774	1.19774	0.0108463
cg19600704	ADAMTS1;ADAMTS5	0.00428302	0.135189	0.794255	-1.25904	0.6468607	1.38467	1.38467	0.0960828	1.29789	1.29789	0.178226	0.814964	-1.22705	0.000317615	2.3027	2.3027	0.845257	0.972436	-1.02834	0.0035941
cg24782198	ADAMTS1;ADAMTS5	0.00470715	0.0044807	0.150605	-6.64147	0.0216643	0.127707	0.145045	0.183449	0.492853	-2.03283	0.0975884	0.744624	-1.34284	0.0014179	0.104638	9.55679	0.3004605	0.6957	1.43742	0.0047984
cg00587665	ADAMTS1;ADAMTS5	0.00651196	0.116505	0.566353	-1.76568	0.134222	1.71319	1.71319	0.0400899	2.20514	2.20514	0.751806	0.899637	-1.11156	0.000257429	0.134597	-7.42959	0.5246424	0.806609	-1.23976	0.269537
cg16954223	ADAMTS1;ADAMTS5	0.00681917	0.76741	1.03464	1.03464	0.765309	0.966213	-1.03497	0.623554	1.05844	1.05844	0.553386	0.93348	-1.07126	0.00432706	1.54939	1.54939	0.306787	1.12916	1.12916	0.00626454
cg21630243	ADAMTS1;ADAMTS5	0.00742342	0.289867	0.7964	-1.25569	0.2183768	0.00173428	0.353396	-2.82979	0.0550624	0.0015484	-2.83639	0.0552747	0.418375	-2.38619	0.1227237	1.35635	0.2379442	1.32871	1.32871	0.464007
cg00384844	ADAMTS1;ADAMTS5	0.00803004	0.2890171	0.778894	-1.28387	0.264689	1.30208	1.30208	0.599158	0.885346	-1.1295	0.769329	0.935409	-1.06905	0.001996311	0.371267	-2.69348	0.0806912	0.644134	-1.55247	0.0873818
cg04707283	ADAMTS1;ADAMTS5	0.00787807	0.0570705	0.712424	-1.40379	0.1678079	0.96166	-1.04019	0.0070484	0.608824	-1.64261	0.0771384	0.751501	-1.33074	0.000328885	0.441006	-2.26708	0.21162	0.827237	1.20884	0.9795149
cg03351248	ADAMTS1;ADAMTS5	0.00922465	0.152134	0.669046	-1.49467	0.0173721	0.215386	0.215386	0.211403	0.708288	-1.41186	0.328831	1.30217	1.30217	0.229658	0.7187693	1.39127	0.6864616	1.11219	1.11219	0.00777047
cg27511525	ADAMTS1;ADAMTS5	0.0101195	0.23868	1.32339	1.32339	0.00222279	0.377952	-2.64584	0.0533411	0.607524	-1.64603	0.752634	0.930727	-1.07443	0.941058	1.01694	1.01694	0.4658	1.18356	1.18356	0.00194849
cg03807283	ADAMTS1;ADAMTS5	0.0107864	0.0359119	0.748298	-1.33617	0.2118311	1.26901	1.26901	0.0224872	-1.44355	0.0113114	0.692722	-1.14226	0.0178175	-1.01197	0.937167	1.06726	0.3101033	0.794983	1.25798	0.0184612
cg05404715	ADAMTS1;ADAMTS5	0.0116262	0.730972	1.06511	1.06511	0.945092	1.01267	1.01267	0.0015908	0.543678	-1.83939	0.266043	0.499304	-2.00279	0.0185605	1.08784	1.08784	0.143803	0.750472	-1.33249	0.647115
cg12175311	ADAMTS1;ADAMTS5	0.0137786	0.144853	0.6454	-1.54949	0.0216643	0.707197	0.145045	0.183449	0.492853	-2.03283	0.0975884	0.744624	-1.34284	0.0014179	0.104638	9.55679	0.474516	0.44633	1.68445	0.0011371
cg23675523	ADAMTS1;ADAMTS5	0.0149359	0.180024	0.804835	-1.24249	0.6633283	1.37498	1.37498	0.00795756	1.68006	1.68006	0.647191	1.07279	1.07279	0.0448246	1.42073	1.42073	0.202129	0.814348	-1.22798	0.0441593
cg27344315	ADAMTS1;ADAMTS5	0.015087	0.0121036	0.601067	-1.66371	0.032482	1.50283	1.50283	0.718356	0.942765	-1.06071	0.0134596	0.6078	-1.64528	0.0049468	0.585829	-1.70698	0.034702	0.669885	-1.49279	0.0333355
cg12954290	ADAMTS1;ADAMTS5	0.0211695	0.3100139	1.29102	1.29102	0.1555956	1.12259	1.12259	0.0274816	0.602995	-1.65883	0.208207	0.881921	-1.13413	0.0164353	0.8020149	-1.24692	0.0609527	0.618324	-1.61733	0.0365868
cg17745628	ADAMTS1;ADAMTS5	0.0213053	0.221214	0.672701	-1.48654	0.6489342	1.868228	-1.15177	0.34564	0.74123	-1.34911	0.141021	1.62922	1.62922	0.00197777	0.259903	-3.84759	0.0775844	0.546191	-1.83086	0.1612368
cg26963637	ADAMTS1;ADAMTS5	0.0246037	0.5717364	1.0945401	1.0945401	0.7183111	1.26901	1.26901	0.0224872	-1.44355	0.0113114	0.692722	-1.14226	0.0178175	-1.01197	0.937167	1.06726	0.3101033	0.794983	1.25798	0.0184612
cg22886323	ADAMTS1;ADAMTS7	0.0476418	0.0443239	0.2584827	-3.86957	0.0052836	0.116032	-8.61833	0.316649	0.545287	-1.8339	0.256043	0.499304	-2.00279	0.0185605	0.18784	5.32369	0.108727	0.35886	-2.7866	0.0258113
cg05027498	ADAMTS1;ADAMTS17	0.0185109	0.362856	0.5159624	-1.93907	0.2798653	0.931665	-1.07508	0.0015474	0.0947664	-10.5533	0.2201563	0.240291	-4.16095	0.0009358	0.0396038	-25.2758	0.0245174	0.930968	-1.07431	0.8288488
cg05178576	AMTS18	0.00811207	0.0385372	0.909836	-1.09945	7.61E-05	0.753664	-1.32685	0.865767	0.6969	-1.43455	0.0015489	0.47012	-2.12693	0.0018602	0.4257	-2.34966	0.7744349	0.988732	-1.0114	9.89E-05
cg02084561	ADAMTS1;ADAMTS18	0.00019321	2.58E-05	0.162025	-6.17187	5.09E-05	0.190789	-5.2414	0.686691	0.91531	-1.09253	0.00449908	0.298942	-3.34513	0.040418	0.207424	-4.82199	0.1863288	0.650193	-1.53822	0.0055795
cg00866321	ADAMTS1;ADAMTS18	0.00347929	0.0014792	0.4644	-2.15348	0.0216643	0.707197	0.145045	0.183449	0.492853	-2.03283	0.0975884	0.744624	-1.34284	0.0014179	0.104638	9.55679	0.3004605	0.6957	1.43742	0.0047984
cg01407406	ADAMTS1;ADAMTS18	0.00199495	0.541277	1.19959	1.19959	8.34E-05	0.83397	0.83397	0.00026193	5.84657	5.84657	0.176144	1.52688	1.52688	0.128813	1.62097	1.62097	0.0493421	1.93507	1.93507	0.488201
cg11488403	ADAMTS1;ADAMTS18	0.0020681	0.46913	1.06749	1.06749	0.3104885	1.31985	1.31985	0.0139807	1.81907	1.81907	0.0156452	1.38447	1.38447	0.0108776	1.63461	1.63461	0.51659	1.08642	1.08642	0.3178194
cg00240171	ADAMTS1;ADAMTS18	0.00749738	0.0474709	0.461535	-2.16657	0.0008905	0.209366	-4.77632	0.0027826	0.377367	-2.65038	0.1294621	0.787674	-1.26975	0.0014299	0.1630244	6.13398	0.1963042	0.4996	2.00161	0.0139643
cg07479907	ADAMTS1;ADAMTS18	0.0101877	0.901644	0.973442	-1.02728	0.880876	1.03119	1.03119	0.851125	0.959921	-1.04175	0.0853178	1.51746	1.51746	0.664489	1.09967	1.09967	0.737223	1.07607	1.07607	0.692488
cg05496543	ADAMTS1;ADAMTS18	0.0104858	0.472496	0.7003	-1.42791	0.2983792	1.4099	1.4099	0.1439507	1.81907	1.81907	0.0156452	1.38447	1.38447	0.0108776	1.63461	1.63461	0.51659	1.08642	1.08642	0.3178194
cg00500708	ADAMTS1;ADAMTS18	0.0209829	0.257479	0.700322	-1.42791	0.853897	0.945949	-1.05714	0.20834	0.640353	1.56153	0.0001	0.670433	-1.49157	0.231548	1.45973	0.613034	0.1180324	0.859491	1.16348	0.0296242
cg25391681	ADAMTS1;ADAMTS18	0.0021653	0.28393	0.866216	-1.15466	0.2155956	1.12259	1.12259	0.0274816	0.602995	-1.65883	0.208207	0.881921	-1.13413	0.0164353	0.8020149	-1.24692	0.0609527	0.618324	-1.61733	0.0365868
cg00583465	ADAMTS1;ADAMTS18	0.0042337	0.5273764	1.0916136	1.0916136	0.6135693	1.09141	1.09141	0.0010144	0.916452	-1.34807	0.563787	1.16286	1.16286	0.0012564	0.9634	-1.03797	0.4285007	1.09032	1.09032	0.0154306
cg01573311	ADAMTS1;ADAMTS18	0.00177957	0.171915	0.874237	-1.14385	0.58177	0.903683	-1.05276	0.0053706	0.40434	1.40434	0.667231	1.04079	1.04079	0.0735868	1.20245	1.20245	0.355186	0.915847	-1.09189	0.0002211
cg06484432	ADAMTS1;ADAMTS18	0.00591256	0.0880033	0.5159624	-1.93907	0.2798653	0.931665	-1.07508	0.0015474	0.0947664	-10.5533	0.2201563	0.240291	-4.16095	0.0009358	0.0396038	-25.2758	0.0245174	0.930968	-1.07431	0.8288488
cg15188268	ADAMTS1;ADAMTS19	0.0060539	0.0033598	0.187185	-5.34232	0.0122753	0.269901	-3.70506	0.0590494	0.408556	-2.44764	0.963037	0.980729	-1.01965	0.00335132	0.187091	-5.34498	0.0529863	0.397171	-2.51781	0.0302611
cg15034135	ADAMTS1;ADAMTS19	0.0086039	0.762503	1.0425	1.0425	0.0555941	1.60641	-1.64005	0.0015489	0.47012	-2.12693	0.1837031	1.30064	1.30064	0.118901	1.62484	1.62484	0.7044057	1.04087	1.04087	0.2356144
cg22813290	ADAMTS1;ADAMTS19	0.01229	0.08101	0.66834	-1.4962	0.414522	0.534145	-1.87215	0.0138398	0.530723	-1.88422	0.150539	1.37384	1.3784	0.305809	0.8018551	1.24711	0.0558438	1.5702	1.5702	0.0506501
cg09838346	ADAMTS1;ADAMTS19	0.0156734	0.216508	0.720283	-1.38834	0.0070135	0.414957	-2.40989	0.0153304	0.471937	-2.11893	0.867987	0.958898	-1.04286	0.00817579	0.425755	-2.34877	0.678191	1.11101	1.11101	0.0408358
cg17439757	ADAMTS1;ADAMTS19	0.0169173	0.580822	1.08063	1.08063	0.2542414	0.915157	-1.63318	0.0054107	0.389903	-2.56511	0.445118	1.08193	1.08193	0.2024822	0.924495	-1.08167	0.7070373	1.09844	1.09844	0.3109702
cg09052453	ADAMTS1;ADAMTS19	0.0283449	0.118689	0.64793	2.64793	0.2129974	0.169983	-5.88295	0.972829	1.01977	1.01977	0.252117	1.98936	1.98936	7	7	7	0.0325785	0.21278	4.21278	0.138213
cg00472814	ADAMTS1;ADAMTS1	0.0134351	0.332686	0.669572	-1.49359	0.2129965	0.7059	1.4164	0.0010144	0.916452	-1.34807	0.563787	1.16286	1.16286	0.0012564	0.9634	-1.03797	0.4285007	1.09032	1.09032	0.0154306
cg25554190	ADAMTS2	2.76E-05	0.284347	0.80768	-1.23811	0.0179223	1.73758	1.73758	0.00231799	0.441699	-2.264	0.53918	1.12682	1.12682	2.38E-06	0.100441	0.9546	0.00034145	0.330285	-3.02769	0.000150685
cg24620455	ADAMTS2	0.000228835	1.46E-05	0.367323	-2.7224	0.144778	0.19008	0.19008	0.0568864	0.788767	-1.2678	0.0163846	0.712639	-1.40324	4.61E-05	0.425248	-2.35157	0.123617	0.830851	-1.20359	0.139093
cg20599361	ADAMTS2	0.000537652	0.00252449	0.3115	-3.21089	0.709839	0.30985	0.30985	0.0003268	0.263263	-3.79926	0.395266	1.34135	1.34135	0.0001	0.4951	-2.02019	0.0169474	0.374161	-2.67079	0.0361461
cg19096358	ADAMTS2	0.00347852	0.0696694	0.689168	-1.45103	0.891917	0.975363	-1.02526	0.0558158	0.671946	-1.48821	0.14575	1.33188	1.33188	0.00384737	0.489321	-2.04365	0.613676	1.0985	1.0985	0.000744309
cg27359265	ADAMTS2	0.00313353	0.0496238	0.5562	-1.79784	0.2256772	0.908448	-1.10103	0.0076867	0.517548	-1.93219	0.0960602	0.814466	-1.22805	0.00344176	0.4257	-2.34877	0.2183164	0.618588	-1.6559	0.0074107
cg12354870	ADAMTS2	0.0114043	0.0208185	0.171119	-5.8439	0.596566	0.8044	-1.24316	0.0471781	0.996398	-2.52272	0.020301	0.31983	-3.12666	0.00296947	0.189911	-5.26563	0.0161022	0.330134	-3.1967	0.0430549
cg00834922	ADAMTS2	0.0115828	0.0111959	0.102675	-9.7395	0.00418013	0.0640481	-15.6133	0.138527	0.319188	-3.13285	0.0931923	0.266481	-3.75262	0.00920144	0.0936809	-10.6745	0.0574068	0.210088	-4.75991	0.0053864
cg22319282	ADAMTS2	0.0181671	0.3746293	1.2145	1.2145	0.0772837	0.7743	-1.29126	0.0026026	0.547714	-1.82607	0.0204853	0.444116	-2.25155	0.00609861	0.4497	-2.22403	0.1204821

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01274233	ADAMTS2;ADAMTS2	0.0141543	0.00775005	0.371725	-2.69016	0.276902	0.720909	-1.38714	0.932146	1.02495	1.02495	0.0816069	0.572068	-1.74804	0.00782599	0.37242	-2.68514	0.127007	0.620277	-1.61218	0.00188178	0.279351	-3.57972	0.0115483	0.400925	-2.49423	0.0578102	0.537583	-1.86018	5.28081	7.00324	1.17882	1
cg18299793	ADAMTS2;ADAMTS2	0.0144145	0.05466	0.741647	-1.34835	0.505287	1.09712	1.09712	0.933311	1.01154	1.01154	0.0270201	0.698372	-1.4319	0.00109472	0.516665	-1.93549	0.102329	0.782594	-1.2778	0.059959	1.33776	1.33776	0.197889	0.829767	-1.20516	0.150524	0.809534	-1.23528	5.24923	1.56309	0.264689	1
cg11405216	ADAMTS2;ADAMTS2	0.0173041	0.037992	0.338994	-2.9499	0.373011	1.5087	1.5087	0.0817527	0.420042	-2.38071	0.0573531	0.380321	-2.62936	0.00638243	0.20269	-4.93364	0.0838339	0.423026	-2.36392	0.0016493	0.131897	-7.58168	0.436885	0.700019	-1.42853	0.0668413	0.396959	-2.51915	4.94007	15.8209	2.84672	1
cg26429655	ADAMTS2;ADAMTS2	0.0178801	0.970788	1.00262	1.00262	0.0191102	1.22457	1.22457	0.0479519	1.17528	1.17528	0.184468	1.10578	1.10578	0.122865	1.12683	1.12683	0.0227857	0.823114	-1.2149	0.150764	0.895834	-1.11628	0.020738	0.819633	-1.22006	0.175822	1.10829	1.10829	4.8861	0.394854	0.0718326	1
cg05656566	ADAMTS2;ADAMTS2	0.024429	0.0707032	0.415438	-2.4071	0.352953	0.65987	-1.51545	0.903512	0.948619	-1.05416	0.217115	1.75912	1.75912	0.0063679	0.213432	-4.68533	0.0354439	0.344691	-2.90115	0.00375571	0.182411	-5.48211	0.705266	1.17971	1.17971	0.859559	0.925862	-1.08007	4.39235	13.1599	2.66319	1
cg18720326	ADAMTS2;ADAMTS2	0.0251495	0.233547	0.703199	-1.42207	0.76791	1.08701	1.08701	0.0408211	0.51395	-1.94571	0.25571	0.715689	-1.39725	0.00248966	0.305749	-3.27065	0.218941	1.4398	1.4398	0.00918005	0.393508	-2.54124	0.0928269	0.593722	-1.68429	0.350329	0.762602	-1.3113	4.34821	5.47355	1.11894	1
cg06002305	ADAMTS2;ADAMTS2	0.0298681	0.845985	1.05415	1.05415	0.809105	1.06783	1.06783	0.00203745	0.307516	-3.25186	0.177429	1.47504	1.47504	0.861686	1.04842	1.04842	0.26401	0.729267	-1.37124	0.0207422	0.470002	-2.12765	0.150234	0.658231	-1.51922	0.077248	0.587034	-1.70348	4.09323	4.76682	1.03517	1
cg04184432	ADAMTS2;ADAMTS2	0.0307639	0.425767	0.897696	-1.11396	0.00919464	0.644776	-1.55093	0.0133862	0.665987	-1.50153	0.573966	0.927389	-1.0783	0.00616811	0.622479	-1.60648	0.028021	0.708637	-1.41116	0.956873	1.0072	1.0072	0.322257	0.873116	-1.14532	0.0426313	0.733646	-1.36305	4.05045	1.12962	0.2479	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06589239	ADAP1	0.0359425	0.808689	0.888811	-1.1251	0.380559	0.645927	-1.54816	0.237754	0.548277	-1.82389	0.172781	0.494092	-2.02392	0.00100278	0.0931708	-10.733	0.107459	0.425831	-2.34835	0.0343995	0.301488	-3.31688	0.609831	0.778724	-1.28415	0.0492744	0.336048	-2.97577	3.83006	14.3236	3.32425	1
cg15685424	ADAP1	0.0364523	0.424906	0.907957	-1.10137	0.300069	1.1357	1.1357	0.486883	1.08731	1.08731	0.0593209	1.28693	1.28693	0.576734	0.935366	-1.0691	0.0369831	0.750482	-1.33248	0.011763	0.688767	-1.45187	0.772027	0.966163	-1.03502	0.0352003	1.33734	1.33734	3.8105	0.847357	0.197666	1
cg09537553	ADAP1	0.0369135	0.666142	0.881476	-1.13446	0.641979	1.14578	1.14578	0.240175	0.699476	-1.42964	0.00230549	0.290037	-3.44783	0.0210692	0.446478	-2.23975	0.479744	1.2322	1.2322	0.981341	0.993226	-1.00682	0.350699	1.32203	1.32203	0.08338	0.572905	-1.74549	3.7931	5.07448	1.18917	1
cg00523532	ADAP1	0.0401563	0.71975	1.09954	1.09954	0.0158775	2.17711	2.17711	0.255636	0.731572	-1.36692	0.91688	1.02788	1.02788	0.0712165	1.7002	1.7002	0.127855	0.648188	-1.54276	0.00654513	2.5355	2.5355	0.214898	1.41037	1.41037	0.748855	1.08828	1.08828	3.67785	4.04069	0.976583	1
cg22348299	ADAP1	0.0457835	0.0314323	0.682161	-1.46593	0.0123523	1.60337	1.60337	0.945951	0.989777	-1.01033	0.302158	0.850436	-1.17587	0.237318	1.20639	1.20639	0.314601	0.854183	-1.17071	0.0286916	1.47864	1.47864	0.766991	0.955963	-1.04607	0.659889	0.935085	-1.06942	3.50279	1.27431	0.323377	1
cg05052633	ADAP2	0.00848347	0.0236478	0.363544	-2.7507	0.832578	1.08014	1.08014	0.476986	0.768022	-1.30205	?	?	?	0.246057	1.56008	1.56008	0.0112026	0.301202	-3.32003	0.000709757	0.133372	-7.49783	0.247273	1.55811	1.55811	0.0901939	0.501453	-1.9942	7.24424	13.2342	1.5985	1
cg00160505	ADAP2	0.0117798	0.837875	1.08216	1.08216	0.572535	0.802714	-1.24577	0.0302993	2.66817	2.66817	0.0619591	0.444861	-2.24789	0.0134201	0.307323	-3.25391	0.243305	0.62469	-1.60079	0.0119708	0.298718	-3.34764	0.00940366	3.55659	3.55659	0.260824	0.636386	-1.57137	5.60707	13.1885	2.09078	1
cg22485810	ADAP2	0.012313	0.00161463	0.404888	-2.46982	0.19832	1.31245	1.31245	0.607398	0.901541	-1.10921	0.00727942	0.500425	-1.9983	0.0136384	0.543218	-1.84088	0.0171726	0.559454	-1.78746	0.0824144	0.680601	-1.46929	0.554967	0.887431	-1.12685	0.520755	0.87793	-1.13904	5.52707	3.50148	0.563124	1
cg02434059	ADAP2	0.0173001	0.469394	1.27579	1.27579	0.00813794	3.06786	3.06786	0.0183245	2.57879	2.57879	0.175669	1.61044	1.61044	0.0187676	2.5659	2.5659	0.622061	1.17871	1.17871	0.0542401	0.485349	-2.06037	0.00698594	3.17252	3.17252	0.613385	1.18364	1.18364	4.94046	8.56822	1.5416	1
cg08242070	ADAP2	0.0229032	0.285634	0.683543	-1.46297	0.341059	1.40017	1.40017	0.273592	0.676458	-1.47829	0.345149	1.39596	1.39596	0.0132163	0.348627	-2.86839	0.324902	0.705556	-1.41732	0.00132415	0.201445	-4.96413	0.403787	1.34058	1.34058	0.205566	0.632442	-1.58117	4.49138	8.37279	1.65706	1
cg01980805	ADAP2	0.0464111	0.00686404	0.157097	-6.36548	0.488873	1.45026	1.45026	0.018359	0.220254	-4.54021	0.848452	1.10644	1.10644	0.0234553	0.239017	-4.18381	0.379472	0.620828	-1.61075	0.764899	0.853362	-1.17184	0.830013	0.89255	-1.12039	0.0489482	0.304612	-3.28286	3.48491	15.4293	3.93553	1
cg11103652	ADAP2;ADAP2	0.00845381	0.901555	1.01893	1.01893	0.458012	0.89182	-1.1213	0.235359	0.828267	-1.20734	0.352848	0.865163	-1.15585	0.00665644	0.586568	-1.70483	0.383147	0.873288	-1.1451	0.000195885	0.387194	-2.58268	0.129766	0.780391	-1.28141	0.02739	0.673431	-1.48493	6.23474	2.26645	0.323128	1
cg00048381	ADAR	0.000194755	0.146778	0.625725	-1.59815	0.00228523	3.61126	3.61126	0.0574952	1.90937	1.90937	0.11027	1.68876	1.68876	0.00228804	0.276986	-3.6103	0.0604148	1.89175	1.89175	2.16E-05	0.0763739	-13.0935	0.0429331	2.01652	2.01652	0.00579808	0.336874	-2.96846	18.504	26.5623	1.27599	1
cg25346059	ADAR	0.000686056	1.23E-05	0.0233543	-42.8186	0.534385	1.29234	1.29234	0.907058	1.04875	1.04875	0.563561	0.78822	-1.26868	0.00738262	0.244891	-4.08345	0.968947	0.984259	-1.01599	0.00430374	0.211005	-4.73922	0.777382	1.12246	1.12246	0.506736	1.31593	1.31593	13.0845	34.4217	2.33843	1
cg12033781	ADAR	0.028263	0.443378	0.699319	-1.42996	0.188185	0.528262	-1.893	0.00475629	0.179851	-5.56015	0.147013	0.49055	-2.03853	0.145922	0.489469	-2.04303	0.00771489	0.208781	-4.78971	0.020089	0.277067	-3.60923	0.0101633	0.226841	-4.40838	0.116264	0.457884	-2.18396	4.17401	13.8455	2.94852	1
cg09844687	ADAR	0.0320647	0.198613	0.700815	-1.42691	0.462836	0.822363	-1.21601	0.520182	1.186	1.186	0.0510483	1.78877	1.78877	0.0111037	0.434643	-2.30074	0.448382	0.816941	-1.22408	0.0632174	0.578821	-1.72765	0.0281511	1.97082	1.97082	0.220781	0.714005	-1.40055	3.99099	4.32873	0.96411	1
cg19085023	ADAR	0.0422994	0.0885474	0.753668	-1.32684	0.565146	0.916198	-1.09147	0.692542	1.06164	1.06164	0.0211963	0.659	-1.51745	0.300171	0.85078	-1.17539	0.00532485	0.575419	-1.73786	0.319475	0.856543	-1.16748	0.355306	0.86665	-1.15387	0.0678989	1.36041	1.36041	3.60781	1.2945	0.318938	1
cg07976390	ADAR	0.046592	0.341018	0.795117	-1.25768	0.332785	1.26295	1.26295	0.614149	1.12613	1.12613	0.834355	0.952248	-1.05015	0.81044	1.05775	1.05775	0.89713	1.03069	1.03069	0.00085129	0.309971	-3.22611	0.871236	1.03863	1.03863	0.878875	0.964994	-1.03628	3.47982	3.00906	0.768638	1
cg24304309	ADAR;ADAR;ADAR;ADAR	0.0138523	0.0313196	0.531033	-1.88312	0.038201	1.82566	1.82566	0.089249	1.59929	1.59929	0.0770054	1.63676	1.63676	0.170232	0.693501	-1.44196	0.415663	0.811826	-1.23179	0.979643	0.993627	-1.00641	0.00216839	2.93964	2.93964	0.366302	0.792494	-1.26184	5.31838	5.28867	0.883922	1
cg04992282	ADAR;ADAR;ADAR;ADAR	0.0151093	0.000704879	0.164061	-6.09528	0.115677	1.81964	1.81964	0.0334132	2.3872	2.3872	0.590925	0.827003	-1.20919	0.498892	0.786381	-1.27165	0.431705	0.755089	-1.32435	0.978989	0.990823	-1.00926	0.497617	1.27258	1.27258	0.210923	1.58635	1.58635	5.16827	10.0309	1.72521	1
cg06269322	ADAR;ADAR;ADAR;ADAR	0.0159688	0.805483	1.02862	1.02862	0.951302	0.993038	-1.00701	0.97707	0.996718	-1.00329	0.0973416	0.81212	-1.23135	0.000666448	0.551124	-1.81447	0.098457	0.812788	-1.23033	0.0772054	0.798726	-1.25199	0.0911273	1.23721	1.23721	0.354092	1.11522	1.11522	5.07428	1.05152	0.1842	1
cg03920003	ADAR;ADAR;ADAR;ADAR	0.019856	0.121902	0.562335	-1.7783	0.0178799	2.68646	2.68646	0.983409	1.00716	1.00716	0.777699	1.10205	1.10205	0.258512	0.667129	-1.49896	0.822173	1.08035	1.08035	0.0441565	0.452094	-2.21193	0.00226011	4.33668	4.33668	0.965478	0.98525	-1.01497	4.71613	8.80461	1.65948	1
cg20246707	ADAR;ADAR;ADAR;ADAR	0.0220371	0.0154755	0.537784	-1.85948	0.134305	1.401	1.401	0.133675	1.40189	1.40189	0.914682	0.977868	-1.02263	0.00496548	0.459906	-2.17436	0.444504	1.17678	1.17678	0.19375	1.33264	1.33264	0.0724794	1.51974	1.51974	0.588565	1.12081	1.12081	4.5513	3.14369	0.613975	1
cg22396279	ADAR;ADAR;ADAR;ADAR	0.0305055	0.0115957	0.765629	-1.30612	0.0849983	0.85115	-1.17488	0.127828	0.869954	-1.14949	0.374197	0.925716	-1.08025	0.0808412	0.848891	-1.17801	0.160189	0.880757	-1.13539	0.00118453	0.668715	-1.49541	0.103669	0.860198	-1.16252	0.574876	0.953177	-1.04912	4.06263	0.460754	0.100811	1
cg23674107	ADAR;ADAR;ADAR;ADAR	0.0329976	0.258076	0.840599	-1.18963	0.92774	0.986742	-1.01344	0.155577	0.799652	-1.25054	0.374829	1.14342	1.14342	0.0012907	1.99374	1.99374	0.414916	0.884601	-1.13045	0.126716	0.784225	-1.27514	0.865568	1.02524	1.02524	0.738349	1.05056	1.05056	3.95016	1.35443	0.304782	1
cg20239527	ADAR;ADAR;ADAR;ADAR;ADAR;ADAR;ADAR	0.0128601	0.79559	0.948935	-1.05381	0.0585748	0.649596	-1.53942	0.74585	0.936449	-1.06786	0.00114721	0.38097	-2.62488	0.0173768	0.557225	-1.79461	0.0104818	0.521833	-1.91632	0.0767647	0.672068	-1.48794	0.8972	1.02644	1.02644	0.171758	1.34141	1.34141	5.44936	3.51805	0.573856	1
cg04233620	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	1.99E-05	4.19E-05	0.302438	-3.30647	0.532659	0.907644	-1.10175	2.82E-05	0.282768	-3.53647	2.24E-05	0.271509	-3.68313	0.605164	1.08325	1.08325	0.0232463	0.659733	-1.51577	0.000239613	0.39365	-2.54033	0.234447	0.826047	-1.21058	2.64E-06	0.176334	-5.67107	33.9113	12.6271	0.330983	1
cg18501409	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	2.00E-05	0.0831126	1.47697	1.47697	0.000528206	0.333723	-2.99649	0.103214	0.696077	-1.43662	0.013342	1.86466	1.86466	1.57E-06	0.0852574	-11.7292	0.976185	1.00609	1.00609	2.96E-05	5.27418	5.27418	0.245952	0.781414	-1.27973	0.316375	0.810135	-1.23436	33.868	22.1624	0.581667	1
cg23919038	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.00379657	0.947548	1.01207	1.01207	0.143807	0.750885	-1.33176	0.000981446	0.409006	-2.44495	0.744591	1.06145	1.06145	0.731414	1.06487	1.06487	0.406358	0.856452	-1.16761	0.000421157	2.77184	2.77184	0.521735	0.888287	-1.12576	0.226284	1.26083	1.26083	7.97683	4.2042	0.46849	1
cg16358576	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.0105774	0.216217	1.27259	1.27259	0.0783508	1.43651	1.43651	0.420971	0.858747	-1.16449	0.00787024	1.88056	1.88056	0.239147	0.795855	-1.25651	0.00250139	0.459355	-2.17696	0.396902	0.851561	-1.17431	0.887341	1.0266	1.0266	0.0266191	0.614653	-1.62694	5.80522	3.1545	0.483013	1
cg24063645	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.0130821	0.0941284	0.657072	-1.5219	0.297909	0.781751	-1.27918	0.179702	0.722414	-1.38425	0.187346	1.37556	1.37556	0.025539	1.83213	1.83213	0.060839	1.61961	1.61961	0.00166235	2.79152	2.79152	0.693134	1.09472	1.09472	0.15653	0.707641	-1.41315	5.41898	4.4686	0.732996	1
cg12703219	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.0160307	0.15036	0.765711	-1.30597	0.0325305	1.54231	1.54231	0.00102883	0.430744	-2.32156	0.181874	0.782415	-1.27809	0.230738	0.804369	-1.24321	0.0895569	1.38279	1.38279	0.64476	0.922757	-1.08371	0.383322	0.85659	-1.16742	0.360719	0.849847	-1.17668	5.06776	2.40646	0.422095	1
cg08222185	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.0171155	0.440346	0.884825	-1.13017	0.277877	0.839064	-1.1918	0.619026	1.08107	1.08107	0.608482	0.922802	-1.08366	0.539792	1.10134	1.10134	0.519067	1.10699	1.10699	0.000335491	0.406835	-2.458	0.146238	1.27448	1.27448	0.899503	0.980545	-1.01984	4.95824	1.89885	0.340416	1
cg21024676	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.0345798	0.020049	0.423428	-2.36167	0.0474644	0.499345	-2.00262	0.0104314	0.372453	-2.6849	0.318546	0.729243	-1.37129	0.00764816	0.349891	-2.85803	0.179708	0.64633	-1.5472	0.827189	0.935229	-1.06926	0.274737	1.41632	1.41632	0.83242	0.937161	-1.06705	3.88406	5.77066	1.32065	1
cg21217129	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.0401826	0.303107	1.14277	1.14277	0.10398	1.24909	1.24909	0.158758	1.20739	1.20739	0.011178	1.48858	1.48858	0.169392	0.832639	-1.201	0.0170009	1.43925	1.43925	0.034035	1.3628	1.3628	0.768037	1.0377	1.0377	0.347569	0.886029	-1.12863	3.67696	0.911573	0.220369	1
cg09676390	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;C21orf122	0.00639228	0.671189	0.93925	-1.06468	0.00189779	1.90776	1.90776	0.277143	1.18045	1.18045	0.0474849	1.3948	1.3948	0.0156321	1.54498	1.54498	0.00197331	1.89974	1.89974	0.150382	0.797508	-1.25391	0.00770407	1.65288	1.65288	0.346354	1.15296	1.15296	6.80454	2.32159	0.303272	1
cg11424525	ADARB1;ADARB1;ADARB1;ADARB1;C21orf122;ADARB1;ADARB1;ADARB1	0.0107146	0.218525	1.07973	1.07973	0.013849	1.19753	1.19753	0.593399	1.03246	1.03246	0.0710623	0.887351	-1.12695	0.797474	0.984874	-1.01536	0.145022	1.0972	1.0972	0.0290826	0.858601	-1.16469	0.868284	1.00989	1.00989	0.0013167	1.31923	1.31923	5.78123	0.32164	0.0494535	1
cg13110574	ADARB1;C21orf122;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.00495104	0.0343302	1.86234	1.86234	0.0282418	1.92036	1.92036	0.110019	1.55079	1.55079	0.123124	1.52306	1.52306	0.253224	1.35063	1.35063	0.00965668	2.2817	2.2817	0.00231505	2.92107	2.92107	0.000479645	3.97547	3.97547	0.00278967	2.82408	2.82408	7.36067	7.39626	0.893187	1
cg01992512	ADARB1;C21orf122;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.025382	0.121344	1.96627	1.96627	0.0336786	2.71451	2.71451	0.530979	1.29108	1.29108	0.12258	1.96115	1.96115	0.0935872	2.10089	2.10089	0.0356344	2.67637	2.67637	0.022727	2.9972	2.9972	0.00106807	7.00331	7.00331	0.11985	1.97254	1.97254	4.33429	11.1242	2.28139	1
cg11766676	ADARB2	1.63E-07	1.62E-05	0.669176	-1.49437	0.00150652	1.22965	1.22965	0.953304	0.997356	-1.00265	5.20E-07	0.531358	-1.88197	7.76E-09	0.339069	-2.94926	0.000101859	0.732583	-1.36503	0.00197922	0.820723	-1.21844	4.06E-07	0.520567	-1.92098	0.879351	0.993156	-1.00689	116.297	3.76478	0.0287753	1
cg05595753	ADARB2	4.30E-06	0.00171967	0.706482	-1.41547	1.36E-06	2.60747	2.60747	0.00681812	1.31289	1.31289	0.476601	1.05782	1.05782	1.05E-05	0.480969	-2.07913	0.564247	0.955741	-1.04631	4.50E-06	0.440819	-2.26851	0.045449	0.836784	-1.19505	0.462983	0.943629	-1.05974	50.4598	4.82055	0.0849178	1
cg25578830	ADARB2	2.56E-05	0.000381879	0.47419	-2.10886	0.0380113	1.37221	1.37221	0.0485776	0.743508	-1.34498	0.0855469	0.778793	-1.28404	4.16E-07	0.150537	-6.64287	0.303183	1.15061	1.15061	0.00478042	0.61098	-1.63671	0.0799417	0.774458	-1.29123	0.00114539	0.533157	-1.87562	31.7375	8.69833	0.243619	1
cg09251910	ADARB2	3.55E-05	0.885962	0.977609	-1.0229	0.0325503	0.673806	-1.48411	0.0505812	0.70358	-1.4213	0.000132091	0.351181	-2.84753	2.16E-06	0.15976	-6.25938	1.21E-05	0.232683	-4.29769	0.732048	1.05574	1.05574	0.0194063	0.640169	-1.56209	0.000667822	0.439689	-2.27433	29.1419	11.4936	0.350579	1
cg02887530	ADARB2	4.17E-05	4.33E-06	0.132649	-7.53871	0.0020296	0.436452	-2.2912	0.152726	0.746921	-1.33883	0.376613	1.1887	1.1887	3.18E-06	0.121963	-8.19922	0.113333	0.720154	-1.38859	0.836057	0.96129	-1.04027	0.0079992	0.523315	-1.91089	0.0115576	0.547893	-1.82518	27.931	16.0575	0.511022	1
cg08482957	ADARB2	4.42E-05	0.00189928	0.501616	-1.99356	0.000410439	0.414916	-2.41013	6.96E-05	0.320146	-3.12358	0.864449	1.02715	1.02715	9.47E-06	0.223698	-4.47032	0.100544	1.32585	1.32585	0.000827942	2.20205	2.20205	0.156954	1.26788	1.26788	0.435713	1.13279	1.13279	27.5096	10.7106	0.346079	1
cg10292584	ADARB2	4.75E-05	0.000234846	0.133443	-7.49384	0.000219135	0.130719	-7.65	0.000488346	0.164526	-6.07806	0.00152524	0.221543	-4.5138	5.45E-05	0.0835065	-11.9751	8.42E-05	0.0967452	-10.3364	1.67E-05	0.0538345	-18.5755	3.83E-05	0.0736814	-13.572	0.00184595	0.232184	-4.30693	26.9894	46.6258	1.53561	1
cg12152703	ADARB2	5.42E-05	0.000287087	0.622767	-1.60574	0.899329	1.01018	1.01018	0.019273	1.25416	1.25416	0.000672538	0.659606	-1.51606	0.00375464	0.731261	-1.3675	0.000127858	1.70405	1.70405	0.000180217	1.6606	1.6606	0.146828	0.882876	-1.13266	0.000675386	1.51564	1.51564	26.059	2.64153	0.0901043	1
cg11342287	ADARB2	6.03E-05	0.017357	1.81883	1.81883	0.00878305	0.502052	-1.99182	0.124627	0.709443	-1.40956	0.747774	1.06889	1.06889	7.17E-05	0.224541	-4.45354	0.0533484	0.635608	-1.5733	1.81E-06	0.0858484	-11.6484	0.453901	1.1706	1.1706	0.061969	0.647942	-1.54335	25.3326	17.1044	0.60017	1
cg20181180	ADARB2	0.000118255	0.00162929	1.64237	1.64237	5.85E-06	0.326383	-3.06389	0.0021809	0.623427	-1.60404	0.496601	1.07882	1.07882	0.352805	1.11081	1.11081	0.018442	0.730368	-1.36917	0.0104786	1.4249	1.4249	0.0978173	0.819033	-1.22095	0.157746	0.847027	-1.1806	21.1681	4.05018	0.170075	1
cg24515131	ADARB2	0.000140988	0.322199	0.876899	-1.14038	0.00105506	1.86322	1.86322	0.00533478	0.624071	-1.60238	0.888676	0.98217	-1.01815	8.50E-05	0.403642	-2.47744	3.78E-05	0.362006	-2.76238	0.00983931	1.52062	1.52062	0.0993382	0.7929	-1.26119	0.462276	0.908352	-1.10089	20.1911	5.27661	0.232296	1
cg01033356	ADARB2	0.000178294	0.2898	0.72489	-1.37952	0.0896512	1.72966	1.72966	0.000694615	0.219707	-4.55152	0.000669061	0.217767	-4.59207	6.57E-05	0.117136	-8.53712	0.000698639	0.220007	-4.54531	0.00532877	2.93017	2.93017	0.10008	1.69492	1.69492	0.224226	1.45335	1.45335	18.9517	25.7385	1.20721	1
cg05230927	ADARB2	0.000247858	1.71E-05	0.371546	-2.69145	0.000368571	0.527284	-1.89651	0.420092	0.911692	-1.09686	0.0158889	0.71786	-1.39303	0.193012	0.856745	-1.16721	0.00432943	1.53419	1.53419	0.168705	1.17892	1.17892	0.0511318	0.779351	-1.28312	0.219636	1.15589	1.15589	17.3306	3.45754	0.177338	1
cg11726857	ADARB2	0.000302038	0.000771282	0.275604	-3.6284	0.2076	0.714349	-1.39988	0.162654	0.685703	-1.45836	0.931781	1.02191	1.02191	2.76E-05	0.123502	-8.09701	0.00176227	3.0892	3.0892	0.0121295	2.20675	2.20675	0.0955832	0.629102	-1.58957	0.736018	0.91791	-1.08943	16.4197	16.6646	0.902147	1
cg22172057	ADARB2	0.000354012	0.0309935	1.89509	1.89509	0.00063844	3.75694	3.75694	0.316338	1.29888	1.29888	0.0202688	2.02694	2.02694	0.585491	0.870213	-1.14914	0.0589344	0.583671	-1.71329	3.17E-05	7.73393	7.73393	0.000234088	4.66513	4.66513	0.0610566	1.70381	1.70381	15.7199	15.8644	0.897057	1
cg14511364	ADARB2	0.000362986	0.394841	1.08656	1.08656	0.00033927	0.576932	-1.73331	0.0994962	0.84198	-1.18768	0.00554156	1.4151	1.4151	0.000419213	0.586977	-1.70364	0.00837127	1.3784	1.3784	0.00218883	1.50575	1.50575	0.515235	0.939078	-1.06487	0.0209014	0.767371	-1.30315	15.6121	2.24389	0.127758	1
cg16661473	ADARB2	0.000372341	0.0617974	1.38436	1.38436	0.0865036	1.34015	1.34015	0.662209	1.07033	1.07033	0.00993373	1.65454	1.65454	1.83E-05	0.259033	-3.86051	0.167704	1.25529	1.25529	0.00133702	2.05641	2.05641	0.752596	1.05011	1.05011	0.295572	1.1826	1.1826	15.5032	5.87022	0.336574	1
cg07869405	ADARB2	0.000411431	0.896448	1.02405	1.02405	0.762204	1.05695	1.05695	0.434583	1.15662	1.15662	0.231399	1.25745	1.25745	0.0677475	0.688368	-1.45271	0.116855	1.36466	1.36466	5.05E-06	0.150195	-6.65799	0.420123	1.16221	1.16221	0.626744	0.914444	-1.09356	15.0825	7.95566	0.468867	1
cg19758173	ADARB2	0.000431781	0.0069501	0.434927	-2.29923	4.81E-05	0.161431	-6.19459	0.0483391	0.584008	-1.71231	0.00245049	0.366127	-2.73129	0.00020381	0.226633	-4.41243	0.0607097	0.60405	-1.65549	0.0193069	1.96323	1.96323	0.328731	0.786377	-1.27165	0.0218802	0.519047	-1.92661	14.8828	13.3966	0.800123	1
cg10826702	ADARB2	0.000479278	0.0627592	0.859524	-1.16343	0.000902079	0.698313	-1.43202	0.000544669	0.678079	-1.47475	0.203023	0.907419	-1.10203	0.00114298	0.707678	-1.41307	0.00103022	1.42131	1.42131	0.01263	1.25128	1.25128	0.261205	0.918777	-1.0884	0.766693	1.02174	1.02174	14.4592	1.19691	0.0735811	1
cg18093771	ADARB2	0.000503691	0.339758	0.736944	-1.35695	0.00457852	0.310019	-3.2256	0.01387	0.389362	-2.5683	0.831323	0.935966	-1.06841	1.72E-05	0.0649426	-15.3982	0.00117375	0.228225	-4.38164	0.00254307	0.272734	-3.66657	0.684891	0.881113	-1.13493	0.00280006	0.278629	-3.589	14.2614	21.7392	1.35497	1
cg19046793	ADARB2	0.000511425	0.294842	1.24726	1.24726	4.30E-05	0.205939	-4.85582	0.02328	0.576098	-1.73582	0.0500443	1.5753	1.5753	0.100864	1.44116	1.44116	0.00658458	0.487922	-2.04951	0.00420513	2.1807	2.1807	0.0725681	1.50297	1.50297	0.451654	0.855596	-1.16878	14.2012	9.30276	0.582283	1
cg03480068	ADARB2	0.000577364	0.00083188	0.269138	-3.71556	0.0575526	1.75122	1.75122	0.59063	0.867903	-1.1522	0.6974	1.10732	1.10732	3.24E-05	0.12144	-8.23455	0.458505	0.821244	-1.21766	0.0140179	2.20657	2.20657	0.0587882	0.572999	-1.7452	0.529338	1.18087	1.18087	13.7303	14.8011	0.958213	1
cg24184687	ADARB2	0.000588143	0.580651	0.962887	-1.03854	7.46E-06	1.95117	1.95117	0.0236303	1.201	1.201	0.0858498	1.13731	1.13731	0.0994718	1.13019	1.13019	0.360891	0.938323	-1.06573	0.457084	1.05267	1.05267	0.294165	0.928906	-1.07654	0.59081	0.96388	-1.03747	13.6597	0.993845	0.0646734	1
cg04430529	ADARB2	0.000595136	0.617806	1.07088	1.07088	1.28E-05	0.286906	-3.48546	0.0489361	0.736328	-1.35809	0.789942	1.03701	1.03701	0.100253	1.2778	1.2778	0.205498	0.833747	-1.1994	0.00886794	1.57371	1.57371	0.727277	1.04882	1.04882	0.830347	1.02964	1.02964	13.6147	3.99592	0.260888	1
cg04941831	ADARB2	0.000668317	0.00422275	0.613677	-1.62952	0.166202	0.828456	-1.20706	0.00436815	1.62468	1.62468	0.000794129	0.524143	-1.90788	0.341226	0.882486	-1.13316	0.355328	1.12885	1.12885	0.000714565	1.92854	1.92854	0.00665856	0.638385	-1.56645	0.110125	1.24853	1.24853	13.1808	3.39188	0.228742	1
cg23864180	ADARB2	0.000671174	0.0687883	0.47084	-2.12386	0.00146459	0.182882	-5.46801	0.241308	0.635331	-1.57398	0.419237	0.736957	-1.35693	2.27E-05	0.0433293	-23.0791	0.00667546	0.272119	-3.67486	0.00184812	0.194996	-5.12832	0.468865	1.3133	1.3133	0.00977627	0.298736	-3.34743	13.1651	28.5171	1.92544	1
cg16252868	ADARB2	0.000749995	0.000864254	0.350675	-2.85164	0.00676051	0.479176	-2.08692	0.0157522	1.85901	1.85901	0.0101735	0.507056	-1.97217	5.30E-05	0.205655	-4.8625	0.67137	0.914455	-1.09355	0.772639	0.9411	-1.06259	0.393317	0.832574	-1.20109	0.0459547	0.619197	-1.61499	12.7616	8.875	0.618175	1
cg16754015	ADARB2	0.000750971	0.000396307	0.425134	-2.3522	0.000869954	0.468809	-2.13306	0.00162013	0.504005	-1.98411	0.288332	1.18194	1.18194	0.000173882	0.380452	-2.62845	0.0283985	0.675486	-1.48041	0.711454	0.945214	-1.05796	0.454749	1.1224	1.1224	0.0508863	0.713703	-1.40114	12.7569	4.64634	0.323752	1
cg14698025	ADARB2	0.000823116	0.101209	1.38329	1.38329	4.00E-05	4.13321	4.13321	0.0876687	1.40608	1.40608	0.04174	1.52858	1.52858	0.0453803	0.660375	-1.51429	0.0616014	1.46321	1.46321	0.000438867	2.72935	2.72935	0.0153621	1.71229	1.71229	0.4841	1.13718	1.13718	12.432	6.43516	0.460115	1
cg05541367	ADARB2	0.00088211	0.0235092	0.445085	-2.24676	0.0735	1.81674	1.81674	0.465349	0.800669	-1.24896	0.1723	1.54444	1.54444	0.000123858	0.134991	-7.40791	0.059382	1.89038	1.89038	0.000741585	4.6306	4.6306	0.10241	1.70705	1.70705	0.628203	0.864153	-1.1572	12.1917	17.2859	1.26031	1
cg13720710	ADARB2	0.00100312	0.554932	0.866939	-1.15348	0.0214108	1.93665	1.93665	0.042973	0.572984	-1.74525	0.567643	0.87099	-1.14812	2.19E-05	0.130206	-7.68014	0.507211	1.17454	1.17454	0.0743731	1.60858	1.60858	0.572303	1.14618	1.14618	0.324348	0.783987	-1.27553	11.7561	10.6446	0.804848	1
cg20257634	ADARB2	0.00103486	0.000325063	0.346067	-2.88961	0.00537931	1.95272	1.95272	0.0345362	0.637547	-1.56851	0.0149023	0.5788	-1.72771	0.00115556	0.418192	-2.39124	0.0986818	0.718457	-1.39187	0.027811	1.6077	1.6077	0.234368	0.796416	-1.25562	0.553	1.11582	1.11582	11.6527	6.154	0.469438	1
cg20395881	ADARB2	0.00104558	2.33E-05	0.132315	-7.5577	0.623268	0.888279	-1.12577	0.792996	0.93901	-1.06495	0.805148	0.942574	-1.06093	0.00142473	0.331481	-3.01677	0.708294	0.913993	-1.0941	0.0665322	1.6361	1.6361	0.57755	0.874039	-1.14411	0.95406	0.98631	-1.01388	11.6186	10.5354	0.806018	1
cg08678202	ADARB2	0.00107021	0.00401341	0.629572	-1.58838	0.130384	1.21596	1.21596	0.365154	0.894604	-1.11781	0.147006	1.20476	1.20476	0.000286928	0.492336	-2.03113	0.0488091	1.30906	1.30906	0.00109995	1.7789	1.7789	0.693525	1.04855	1.04855	0.0827793	1.25853	1.25853	11.542	2.61886	0.201687	1
cg04976075	ADARB2	0.00112909	0.595072	1.12186	1.12186	0.0589827	1.57947	1.57947	0.182945	0.738662	-1.3538	0.00972851	0.496108	-2.01569	0.00282049	0.414034	-2.41526	0.000365372	0.294072	-3.40052	0.000545566	0.316145	-3.16311	0.261243	1.28549	1.28549	0.0128796	0.515857	-1.93852	11.3675	8.27201	0.646835	1
cg22912156	ADARB2	0.00125543	0.000877691	0.399844	-2.50098	0.939428	1.01406	1.01406	0.67081	0.924443	-1.08173	0.320073	0.827952	-1.2078	4.57E-05	0.242725	-4.11989	0.730425	1.06562	1.06562	0.0599635	1.47693	1.47693	0.0588347	0.67561	-1.48014	0.842471	0.964097	-1.03724	11.0286	5.898	0.475371	1
cg03462714	ADARB2	0.00126859	0.740126	1.0798	1.0798	0.00204893	0.367101	-2.72404	0.205794	0.73502	-1.36051	0.231892	0.748859	-1.33536	6.70E-05	0.185528	-5.39003	0.474957	0.845707	-1.18244	0.00953356	2.13259	2.13259	0.481194	0.84777	-1.17956	0.0160368	0.506684	-1.97362	10.9958	9.26513	0.748985	1
cg11498333	ADARB2	0.00130209	0.767713	0.955839	-1.0462	0.232639	0.826251	-1.21029	0.0196413	1.53699	1.53699	0.726228	1.05507	1.05507	4.59E-05	0.309022	-3.23601	0.847496	0.971068	-1.02979	0.00644094	1.71652	1.71652	0.317763	1.17055	1.17055	0.523737	1.10355	1.10355	10.9141	4.0192	0.327342	1
cg13961576	ADARB2	0.00131156	0.00221068	0.386348	-2.58834	0.403398	0.827301	-1.20875	0.0041436	0.426456	-2.34491	0.0114269	0.495673	-2.01746	0.000163366	0.240309	-4.16131	0.241937	0.76219	-1.31201	0.00116534	0.347453	-2.87808	0.00841311	0.474153	-2.10902	0.00155594	0.364771	-2.74145	10.8914	8.4801	0.692092	1
cg14054842	ADARB2	0.00150782	0.402933	0.838544	-1.19254	0.00201691	0.40813	-2.4502	0.549482	0.882859	-1.13268	0.0978756	1.45292	1.45292	0.032105	0.596624	-1.6761	0.00341932	0.441181	-2.26664	0.00809066	2.00911	2.00911	0.00125974	2.63418	2.63418	0.306953	0.804461	-1.24307	10.4639	7.01391	0.595819	1
cg05441518	ADARB2	0.00153589	0.000174255	0.26429	-3.78373	0.00433884	0.451022	-2.21719	0.041969	0.612888	-1.63162	0.0606731	0.642906	-1.55544	0.000336785	0.298981	-3.34469	0.346032	0.816519	-1.22471	0.513957	0.870876	-1.14827	0.329578	0.810447	-1.23389	0.0955407	1.46592	1.46592	10.4085	7.19248	0.614242	1
cg26569590	ADARB2	0.00171753	0.073726	0.838895	-1.19204	0.93401	0.992729	-1.00732	0.481244	1.06512	1.06512	0.147229	0.871921	-1.14689	0.429183	1.07371	1.07371	0.00147634	1.49823	1.49823	0.000995014	1.53867	1.53867	0.00713004	0.736207	-1.35831	0.00363172	1.41452	1.41452	10.0778	1.23941	0.109319	1
cg17405812	ADARB2	0.0018181	0.0391694	0.670267	-1.49194	0.000646141	2.40446	2.40446	0.000769689	2.34832	2.34832	0.169161	1.27832	1.27832	0.714614	1.0635	1.0635	0.00635658	1.81382	1.81382	0.0332498	1.51766	1.51766	0.110172	0.746879	-1.3389	0.246295	0.816078	-1.22537	9.91297	4.41162	0.395587	1
cg08227227	ADARB2	0.00184871	0.0945661	0.740886	-1.34974	0.0224984	1.56217	1.56217	0.161266	0.783348	-1.27657	0.699158	0.938587	-1.06543	0.0162353	0.618914	-1.61573	0.0028756	1.95262	1.95262	0.000565771	2.3915	2.3915	0.0188924	1.59054	1.59054	0.0319438	1.50719	1.50719	9.86505	4.16188	0.375005	1
cg11323585	ADARB2	0.00189186	0.919048	0.984201	-1.01605	0.754949	1.05027	1.05027	0.779596	1.04493	1.04493	0.915412	1.01678	1.01678	3.70E-05	0.288604	-3.46496	0.867624	0.974207	-1.02648	0.00926036	1.67754	1.67754	0.295679	0.843772	-1.18515	0.209686	0.812934	-1.23011	9.79914	3.80837	0.345461	1
cg11142437	ADARB2	0.00189424	0.037146	0.770269	-1.29825	0.000163113	0.499649	-2.0014	0.304933	1.12143	1.12143	0.0276191	0.755066	-1.32439	0.949625	0.993208	-1.00684	0.984714	0.997936	-1.00207	0.00353391	1.53202	1.53202	0.0149695	0.72419	-1.38085	0.850742	0.979884	-1.02053	9.79556	1.80528	0.163818	1
cg17285208	ADARB2	0.00197328	0.0172278	0.532511	-1.87789	0.000169479	0.249328	-4.01079	0.0034294	0.42177	-2.37096	0.120886	0.694024	-1.44087	0.0305171	0.575785	-1.73676	0.420473	0.836338	-1.19569	0.000730168	0.327895	-3.04976	0.00959621	0.490633	-2.03818	0.00697746	0.468701	-2.13356	9.67975	7.22897	0.663834	1
cg17919212	ADARB2	0.00203023	0.0663638	0.757263	-1.32054	0.454214	0.90218	-1.10843	0.213653	1.19342	1.19342	0.498321	0.911354	-1.09727	0.000828997	0.506763	-1.97331	0.177583	0.824088	-1.21346	0.00020264	2.31985	2.31985	0.953321	1.00794	1.00794	0.601741	0.931365	-1.07369	9.59984	2.77225	0.256695	1
cg05570367	ADARB2	0.00204337	0.0039022	0.598031	-1.67215	0.00326941	1.69977	1.69977	0.0101575	0.651175	-1.53569	0.826587	1.02946	1.02946	0.0119972	0.660557	-1.51387	0.265442	1.16598	1.16598	0.023982	1.42808	1.42808	0.00459755	0.607064	-1.64727	0.266123	0.857853	-1.1657	9.58179	2.65701	0.246486	1
cg27404824	ADARB2	0.00205052	0.00839671	0.566794	-1.76431	0.0387579	1.49717	1.49717	0.00127108	0.452584	-2.20954	0.289307	0.830706	-1.2038	0.0241999	0.635615	-1.57328	0.00879134	1.75533	1.75533	0.0148782	0.60343	-1.65719	0.100941	0.738647	-1.35383	0.00499622	0.534464	-1.87103	9.57204	4.311	0.400332	1
cg06730723	ADARB2	0.00208836	0.300588	0.923011	-1.08341	0.43512	0.942261	-1.06128	0.364793	0.932812	-1.07203	0.00328116	0.741377	-1.34884	0.351896	0.930949	-1.07417	0.388862	0.936173	-1.06818	5.98E-05	0.574502	-1.74064	0.227719	1.09919	1.09919	0.0634702	1.16866	1.16866	9.5211	0.841149	0.0785296	1
cg04198535	ADARB2	0.00222218	0.00396208	0.646541	-1.54669	0.659334	0.951294	-1.0512	0.287543	0.883127	-1.13234	0.716605	1.04188	1.04188	0.000147582	0.479734	-2.08449	0.0773238	1.24736	1.24736	0.0227895	1.35895	1.35895	0.0392697	0.764564	-1.30794	0.404798	0.908519	-1.10069	9.3498	1.8759	0.178342	1
cg03152899	ADARB2	0.00232273	4.81E-05	0.180867	-5.52893	0.97402	1.00731	1.00731	0.537179	1.14988	1.14988	0.131712	0.695114	-1.43861	0.00450686	0.429061	-2.33067	0.102779	0.671009	-1.49029	0.695663	1.09184	1.09184	0.336711	0.801405	-1.24781	0.0272633	0.557698	-1.79308	9.22934	7.30227	0.703291	1
cg20423602	ADARB2	0.00237253	0.783503	0.973639	-1.02708	0.00532487	0.700367	-1.42782	0.229085	0.884772	-1.13023	0.096245	1.19383	1.19383	0.393002	1.08858	1.08858	0.0077505	1.39336	1.39336	0.00201167	1.52611	1.52611	0.00175881	0.648998	-1.54084	0.905503	0.988547	-1.01159	9.17206	1.36673	0.132454	1
cg17735539	ADARB2	0.00250818	0.000359539	0.184441	-5.42179	0.885678	0.958403	-1.0434	0.924118	1.02854	1.02854	0.971609	0.989544	-1.01057	0.000187531	0.155447	-6.43306	0.280346	0.717906	-1.39294	0.011408	0.392521	-2.54763	0.793937	0.925603	-1.08038	0.914065	1.03239	1.03239	9.02336	12.465	1.22792	1
cg09045305	ADARB2	0.00266804	0.3198	0.917664	-1.08972	0.00357427	1.39076	1.39076	0.000874012	0.658881	-1.51772	0.0131468	1.29303	1.29303	0.462013	1.06458	1.06458	0.0734514	1.18153	1.18153	0.0892314	1.16956	1.16956	0.0441127	0.824231	-1.21325	0.10482	0.8623	-1.15969	8.8605	0.980262	0.0983402	1
cg12098569	ADARB2	0.00267972	0.724033	0.935534	-1.06891	0.00338379	0.4728	-2.11506	0.317179	0.823352	-1.21455	0.00212363	0.444071	-2.25189	0.835549	0.961679	-1.03985	0.0396228	0.639354	-1.56408	0.0251406	1.64979	1.64979	0.000562201	0.365968	-2.73248	0.021083	0.593654	-1.68448	8.84908	4.95222	0.49745	1
cg12090430	ADARB2	0.00270418	0.086873	0.592538	-1.68765	0.0451823	0.529399	-1.88894	0.377131	0.778155	-1.28509	0.597885	0.863021	-1.15872	3.90E-05	0.113049	-8.84568	0.631285	0.874739	-1.1432	0.188701	1.47026	1.47026	0.29113	0.73846	-1.35417	0.370551	1.28981	1.28981	8.82536	10.707	1.07841	1
cg00075956	ADARB2	0.00309073	0.00266498	0.323317	-3.09294	0.607285	0.868576	-1.15131	0.0957984	0.608221	-1.64414	0.572675	0.856476	-1.16758	8.24E-05	0.145472	-6.87416	0.229238	1.40905	1.40905	0.587204	1.16065	1.16065	0.660782	0.886901	-1.12752	0.972175	1.00953	1.00953	8.48271	9.92436	1.03996	1
cg14288594	ADARB2	0.00311101	0.319539	0.796946	-1.25479	0.503517	1.16159	1.16159	0.668348	0.909287	-1.09976	0.971963	0.992275	-1.00778	4.94E-05	0.186019	-5.37579	0.554754	1.14091	1.14091	0.0438502	1.66719	1.66719	0.640754	1.10926	1.10926	0.477733	0.852767	-1.17265	8.46624	6.52796	0.685385	1
cg08822417	ADARB2	0.00316486	0.0679602	0.450086	-2.2218	0.0346208	0.382123	-2.61696	0.0702493	0.453729	-2.20396	0.966723	0.983841	-1.01642	3.93E-05	0.0463105	-21.5934	0.854376	0.930766	-1.07438	0.940466	1.0296	1.0296	0.976306	0.988469	-1.01167	0.77863	0.895788	-1.11634	8.42311	20.3438	2.14687	1
cg15081722	ADARB2	0.00360949	0.0118887	2.13546	2.13546	0.0446398	1.74559	1.74559	0.0717101	1.62563	1.62563	0.0923312	1.56465	1.56465	0.000956247	0.304479	-3.2843	0.067722	1.6397	1.6397	0.0488508	0.580671	-1.72214	0.0188251	1.98899	1.98899	0.865988	0.960008	-1.04166	8.09874	7.48947	0.822017	1
cg18133357	ADARB2	0.00371965	0.00926287	0.548582	-1.82288	0.379575	0.848834	-1.17809	0.543552	1.11828	1.11828	0.970512	0.993302	-1.00674	0.00783415	0.537678	-1.85985	0.614999	1.09659	1.09659	0.000312632	2.89422	2.89422	0.257681	1.23957	1.23957	0.235638	0.797736	-1.25355	8.02603	4.20218	0.465395	1
cg10834803	ADARB2	0.00379622	0.037758	0.615036	-1.62592	0.362789	1.20767	1.20767	0.232621	1.28725	1.28725	0.942712	1.0146	1.0146	9.93E-05	0.24821	-4.02884	0.552387	1.12892	1.12892	0.0446098	1.59229	1.59229	0.875667	0.968907	-1.03209	0.545401	0.883863	-1.1314	7.97705	5.14146	0.572917	1
cg19192934	ADARB2	0.00384125	0.0763818	0.726203	-1.37703	0.215695	1.23548	1.23548	0.841676	0.968065	-1.03299	0.316355	0.845263	-1.18306	0.000188331	0.359802	-2.7793	0.336139	1.17462	1.17462	0.0118213	1.66549	1.66549	0.326173	0.848309	-1.17882	0.0458893	0.6898	-1.4497	7.94882	3.31539	0.370749	1
cg07215869	ADARB2	0.00386464	0.183066	0.791789	-1.26296	0.0051193	0.542698	-1.84264	0.103854	0.745352	-1.34165	0.842309	1.03346	1.03346	0.0161854	1.626	1.626	0.996931	0.999365	-1.00064	0.00111426	2.21135	2.21135	0.0142761	0.606906	-1.6477	0.297255	0.836459	-1.19552	7.93432	3.43173	0.38446	1
cg02560863	ADARB2	0.00392937	0.410578	0.861583	-1.16065	0.249845	1.23728	1.23728	0.992783	0.9984	-1.0016	0.305406	1.20671	1.20671	0.000800357	0.408135	-2.45017	0.00813437	1.82178	1.82178	0.00153428	2.24152	2.24152	0.938089	1.01385	1.01385	0.941983	1.01297	1.01297	7.89475	3.91941	0.441296	1
cg10677688	ADARB2	0.00404488	0.0213167	0.811248	-1.23267	0.0848876	0.865855	-1.15493	0.0467733	0.841901	-1.18779	0.0214234	0.811441	-1.23238	0.000832906	0.683694	-1.46264	0.0127519	0.791418	-1.26355	0.315586	1.0816	1.0816	0.195819	0.901755	-1.10895	0.00058455	0.669095	-1.49456	7.82612	0.708331	0.0804521	1
cg27517502	ADARB2	0.00450964	0.720293	0.889123	-1.1247	0.00367498	0.277044	-3.60954	0.614032	0.846865	-1.18083	0.235067	0.665796	-1.50196	0.000970441	0.20095	-4.97637	0.0943349	0.548207	-1.82413	0.000347106	0.152482	-6.55814	0.783138	0.91377	-1.09437	0.104175	0.559537	-1.78719	7.5728	12.8126	1.50394	1
cg14556787	ADARB2	0.00461701	0.00657024	0.196614	-5.08612	0.0145503	0.249873	-4.00204	0.0119767	0.23586	-4.23981	0.954048	1.02691	1.02691	0.000177275	0.0534973	-18.6925	0.699198	1.19591	1.19591	0.663414	0.817281	-1.22357	0.807772	0.89376	-1.11887	0.894218	0.940541	-1.06322	7.51889	25.2832	2.989	1
cg10435021	ADARB2	0.00516833	0.145689	0.81306	-1.22992	0.0226839	0.696702	-1.43533	0.807201	1.03292	1.03292	0.980041	0.996691	-1.00332	0.00406932	0.599971	-1.66675	0.552988	0.923568	-1.08276	0.000494591	2.05957	2.05957	0.259508	0.855703	-1.16863	0.969386	0.994929	-1.0051	7.26472	2.01933	0.24708	1
cg26394196	ADARB2	0.00592781	0.159703	0.814713	-1.22743	0.0123429	1.52947	1.52947	0.0361635	1.39416	1.39416	0.21828	0.838098	-1.19318	0.738032	1.04685	1.04685	0.00350032	1.71647	1.71647	0.00234492	1.78456	1.78456	0.0604484	0.749191	-1.33477	0.777804	1.03934	1.03934	6.96513	2.05204	0.261881	1
cg17439770	ADARB2	0.00603444	0.350285	1.38998	1.38998	0.000133758	0.103606	-9.65197	0.337083	0.712496	-1.40352	0.853325	1.06544	1.06544	0.54237	1.23519	1.23519	0.153007	0.592055	-1.68903	0.0433862	2.21599	2.21599	0.915593	1.03698	1.03698	0.421953	0.755057	-1.3244	6.92691	12.8698	1.65151	1
cg23684973	ADARB2	0.00619348	0.013043	1.37041	1.37041	0.00247241	0.650154	-1.5381	0.323709	1.10991	1.10991	0.463606	0.926516	-1.07931	0.818048	0.976699	-1.02386	0.114646	0.839002	-1.19189	0.00103611	0.608299	-1.64393	0.809357	1.02504	1.02504	0.872598	0.983715	-1.01655	6.87144	1.13916	0.147361	1
cg10724130	ADARB2	0.00620412	0.0485444	0.578114	-1.72976	0.0854383	1.58782	1.58782	0.0340666	0.547982	-1.82488	0.200544	0.719797	-1.38928	0.000156221	0.207217	-4.82587	0.610702	0.88263	-1.13298	0.777713	1.07125	1.07125	0.772656	0.93198	-1.07298	0.165469	0.697865	-1.43294	6.86779	6.43233	0.832527	1
cg09105442	ADARB2	0.00631973	0.00186469	0.19618	-5.09736	0.0882762	0.499561	-2.00176	0.00813449	0.286473	-3.49073	0.0345113	0.402622	-2.48372	0.00121798	0.174329	-5.73629	0.366429	0.710069	-1.40831	0.201461	1.64505	1.64505	0.0321404	0.396087	-2.5247	0.0506456	0.439637	-2.2746	6.82865	14.7261	1.9169	1
cg04271617	ADARB2	0.00687228	0.430947	1.23309	1.23309	0.00638127	0.396459	-2.52233	0.368789	1.27201	1.27201	0.776428	0.928477	-1.07703	0.000894826	0.273543	-3.65573	0.00340213	0.354268	-2.82272	0.318697	1.30816	1.30816	0.911354	0.971389	-1.02945	0.150671	0.66932	-1.49405	6.65319	7.15884	0.956447	1
cg11239697	ADARB2	0.00735373	0.0204715	0.661912	-1.51078	0.564715	0.917581	-1.08982	0.135872	0.788626	-1.26803	0.303298	0.854243	-1.17063	0.000175679	0.390559	-2.56043	0.672339	0.939079	-1.06487	0.746624	0.95323	-1.04906	0.00627363	0.590881	-1.69239	0.0932916	0.761269	-1.3136	6.51405	2.25229	0.307341	1
cg02027800	ADARB2	0.00754356	0.4638	0.787637	-1.26962	0.135137	0.597125	-1.67469	0.0425946	0.473597	-2.1115	0.134666	1.67589	1.67589	0.000292803	0.151139	-6.61642	0.298137	0.708027	-1.41237	0.0439594	0.476577	-2.0983	0.182118	1.57361	1.57361	0.499806	1.24519	1.24519	6.46227	10.4896	1.44285	1
cg23099319	ADARB2	0.00768538	0.13475	1.68251	1.68251	0.00134748	4.4933	4.4933	0.0302704	2.27477	2.27477	0.814024	0.926784	-1.079	0.0566656	2.0059	2.0059	0.412548	0.763135	-1.31038	0.00525883	0.304993	-3.27876	0.296068	1.41849	1.41849	0.155705	1.63251	1.63251	6.42464	10.5934	1.46566	1
cg01277072	ADARB2	0.00793907	0.459734	0.715145	-1.39832	0.000213387	0.0636221	-15.7178	0.0288439	0.317278	-3.15181	0.865847	1.07822	1.07822	0.101547	0.450017	-2.22214	0.85229	0.92033	-1.08657	0.135321	0.488211	-2.0483	0.0584134	0.385775	-2.59218	0.136804	2.04191	2.04191	6.35943	19.9819	2.79297	1
cg05483559	ADARB2	0.00825133	0.109688	0.729865	-1.37012	0.0031777	2.07007	2.07007	0.0362119	0.644169	-1.55239	0.239642	1.249	1.249	0.00839472	0.544438	-1.83675	0.0827415	1.41476	1.41476	0.0601565	1.46646	1.46646	0.275192	0.81465	-1.22752	0.557418	1.11309	1.11309	6.28263	3.24454	0.459049	1
cg14667192	ADARB2	0.00833206	0.0124339	0.531126	-1.88279	0.120788	1.4081	1.4081	0.134938	0.720499	-1.38793	0.516072	0.874643	-1.14332	0.000371726	0.313975	-3.18496	0.12549	1.40113	1.40113	0.88176	1.03074	1.03074	0.30162	0.804375	-1.2432	0.358867	0.825384	-1.21156	6.26336	4.10434	0.582483	1
cg06889571	ADARB2	0.00853238	0.129962	0.479797	-2.08422	0.0324838	3.0767	3.0767	0.0334836	3.05072	3.05072	0.472833	1.38794	1.38794	0.000479577	0.0854255	-11.7061	0.531369	1.32931	1.32931	0.537062	1.32395	1.32395	0.397766	1.47511	1.47511	0.6887	1.19818	1.19818	6.21654	19.8466	2.83782	1
cg13911959	ADARB2	0.00883656	0.0773757	0.343509	-2.91113	0.00182197	0.0896785	-11.1509	0.00717024	0.151168	-6.61517	0.584474	0.740408	-1.35061	0.0272039	0.241081	-4.14799	0.134387	0.415394	-2.40735	0.000956105	0.0686744	-14.5615	0.0414261	0.278038	-3.59663	0.257405	0.525576	-1.90267	6.148	28.8413	4.16993	1
cg27097575	ADARB2	0.0092225	0.000789743	0.335462	-2.98096	0.117865	0.693729	-1.44149	0.113657	0.690282	-1.44868	0.29932	0.793237	-1.26066	0.00183208	0.385479	-2.59418	0.91339	0.976844	-1.0237	0.554382	1.13744	1.13744	0.013942	0.519964	-1.92321	0.146011	0.714567	-1.39945	6.06515	4.45423	0.652799	1
cg02445968	ADARB2	0.00948612	0.00344438	0.21233	-4.70965	0.168463	0.56414	-1.77261	0.00917965	0.275141	-3.6345	0.820393	1.09276	1.09276	0.00693519	0.255927	-3.90736	0.588059	0.807891	-1.23779	0.019058	3.02529	3.02529	0.378846	1.42217	1.42217	0.533871	0.782097	-1.27861	6.01099	14.4862	2.14218	1
cg07728307	ADARB2	0.0100633	0.0145804	0.506028	-1.97618	0.303276	1.27307	1.27307	0.240963	1.32041	1.32041	0.000564881	0.298223	-3.3532	0.114537	0.677987	-1.47495	0.0583339	0.616073	-1.62318	0.960394	0.988819	-1.01131	0.474273	0.848089	-1.17912	0.0326608	0.567788	-1.76122	5.8987	4.78951	0.721742	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00525508	ADARB2	0.010336	0.658354	0.933308	-1.07146	0.000224368	2.5914	2.5914	0.0581995	1.39378	1.39378	0.990034	1.00194	1.00194	0.24337	1.20844	1.20844	0.0761605	1.35804	1.35804	0.695967	1.0628	1.0628	0.306215	0.848484	-1.17857	0.0787769	1.3536	1.3536	5.8484	2.2281	0.338645	1
cg11508783	ADARB2	0.0107723	0.475634	1.20836	1.20836	0.000237715	0.204285	-4.89512	0.679182	1.11461	1.11461	0.856021	1.04853	1.04853	0.812716	0.939954	-1.06388	0.230913	1.38803	1.38803	0.114607	1.56473	1.56473	0.330968	1.29916	1.29916	0.468065	1.21244	1.21244	5.77125	6.2221	0.958328	1
cg15462970	ADARB2	0.0109865	0.0209019	0.427652	-2.33835	0.140715	1.62298	1.62298	0.937069	0.976157	-1.02443	0.765776	1.0956	1.0956	0.000464676	0.185883	-5.37974	0.289721	0.714743	-1.3991	0.0244194	0.440638	-2.26944	0.641917	1.15387	1.15387	0.489506	0.806904	-1.2393	5.73478	8.48295	1.31485	1
cg07137277	ADARB2	0.0114789	0.419746	0.786996	-1.27065	0.610576	1.16094	1.16094	0.579947	0.850072	-1.17637	0.275697	1.39024	1.39024	0.000169358	0.155869	-6.41564	0.356526	1.31724	1.31724	0.980855	0.993052	-1.007	0.811444	1.07191	1.07191	0.960379	0.985669	-1.01454	5.65422	7.56022	1.18853	1
cg18489675	ADARB2	0.0114959	0.0205681	0.456945	-2.18845	0.00350557	3.03985	3.03985	0.382027	1.28621	1.28621	0.374572	0.77424	-1.29159	0.0484723	0.531051	-1.88306	0.920708	0.972434	-1.02835	0.162349	1.52013	1.52013	0.0127858	0.419672	-2.38281	0.18167	0.671634	-1.48891	5.65151	7.05489	1.10962	1
cg06563471	ADARB2	0.0115342	0.0102694	0.229685	-4.3538	0.77826	1.13698	1.13698	0.569522	0.769973	-1.29875	0.343222	1.559	1.559	0.000615067	0.0908716	-11.0045	0.518894	1.34632	1.34632	0.0641053	2.57586	2.57586	0.908671	1.05357	1.05357	0.813572	0.898141	-1.11341	5.64544	18.4904	2.91136	1
cg13885156	ADARB2	0.0116327	0.360181	0.778135	-1.28512	0.413325	1.24984	1.24984	0.896604	0.965924	-1.03528	0.789144	1.07409	1.07409	0.000526852	0.236862	-4.22187	0.875118	0.958928	-1.04283	0.00866667	2.44061	2.44061	0.500394	1.20009	1.20009	0.557938	1.17117	1.17117	5.62992	6.34039	1.00106	1
cg23131974	ADARB2	0.0120454	0.720452	1.0831	1.0831	0.0115673	2.01657	2.01657	0.302725	1.26763	1.26763	0.0067592	2.1813	2.1813	0.00705592	0.461374	-2.16744	0.0876047	1.52024	1.52024	0.0209354	1.85375	1.85375	0.170465	1.38302	1.38302	0.410107	1.20577	1.20577	5.56666	4.3505	0.694691	1
cg00513169	ADARB2	0.0120511	0.00276942	0.353381	-2.82981	0.129883	0.662065	-1.51042	0.0278882	0.51947	-1.92504	0.52605	0.850492	-1.17579	0.0014899	0.315164	-3.17296	0.727246	0.915521	-1.09227	0.902184	1.03148	1.03148	0.167323	1.44921	1.44921	0.707906	1.09951	1.09951	5.56582	5.60043	0.894416	1
cg16706389	ADARB2	0.012107	0.144896	0.537206	-1.86148	0.00490394	4.39075	4.39075	0.156519	1.82485	1.82485	0.737534	1.1428	1.1428	0.00189147	0.174195	-5.74068	0.982234	1.00888	1.00888	0.848019	0.926681	-1.07912	0.0679292	2.25115	2.25115	0.881558	0.942546	-1.06096	5.55746	13.8637	2.21743	1
cg18727303	ADARB2	0.0121769	0.924917	0.991941	-1.00812	0.407443	0.929841	-1.07545	0.205352	1.12153	1.12153	0.553189	0.949809	-1.05284	0.00318521	0.707699	-1.41303	0.951542	0.994797	-1.00523	0.001113	0.662116	-1.51031	0.553046	0.949791	-1.05286	0.103769	1.16499	1.16499	5.54708	0.64738	0.103739	1
cg10496420	ADARB2	0.0129991	0.90091	1.026	1.026	0.000226645	0.282709	-3.5372	0.562242	0.886256	-1.12834	0.512048	0.871935	-1.14687	0.386209	0.832719	-1.20089	0.431775	1.17981	1.17981	0.28945	1.25433	1.25433	0.242362	1.28679	1.28679	0.801831	1.05319	1.05319	5.43027	3.65252	0.597887	1
cg24624695	ADARB2	0.0130173	0.676292	0.950533	-1.05204	0.00474514	1.57321	1.57321	0.0109287	1.47099	1.47099	0.952988	1.00715	1.00715	0.970951	1.00441	1.00441	0.0495394	1.31092	1.31092	0.0679772	1.28014	1.28014	0.0206842	0.714184	-1.4002	0.0340028	1.3485	1.3485	5.42779	1.25483	0.205499	1
cg25744776	ADARB2	0.0138245	0.405462	1.16201	1.16201	0.000400807	0.370342	-2.70021	0.985308	0.996757	-1.00325	0.1082	0.734063	-1.36228	0.44213	1.14827	1.14827	0.209687	0.79197	-1.26267	0.587997	1.1013	1.1013	0.555812	0.900227	-1.11083	0.0231565	0.619432	-1.61438	5.3219	2.62307	0.438118	1
cg04513549	ADARB2	0.0144974	0.082891	0.508814	-1.96535	0.800752	0.914864	-1.09306	0.0646658	2.07548	2.07548	0.425384	0.75095	-1.33165	0.0330468	0.416029	-2.40368	0.00862692	3.24915	3.24915	0.0159381	0.353982	-2.825	0.0513153	0.458058	-2.18313	0.318779	1.43699	1.43699	5.23933	10.2734	1.74295	1
cg13683507	ADARB2	0.0146368	0.37611	0.739999	-1.35135	0.32059	0.71162	-1.40524	0.808363	0.922607	-1.08388	0.324077	0.713475	-1.40159	0.000500594	0.164546	-6.07734	0.716545	0.886144	-1.12849	0.891744	1.04618	1.04618	0.0436877	2.15697	2.15697	0.116483	1.7602	1.7602	5.22281	9.09012	1.54708	1
cg02380151	ADARB2	0.0149387	0.518013	1.13355	1.13355	0.0480368	1.54076	1.54076	0.820888	1.04433	1.04433	0.0873953	1.43471	1.43471	0.0155439	1.76404	1.76404	0.00949933	1.87478	1.87478	0.00111004	2.50711	2.50711	0.065038	1.48626	1.48626	0.0211787	1.69905	1.69905	5.18772	3.00607	0.515074	1
cg12501274	ADARB2	0.0158777	0.00160057	0.593337	-1.68538	0.650503	0.94877	-1.054	0.230771	1.15598	1.15598	0.0779919	0.797875	-1.25333	0.157044	0.83988	-1.19065	0.771997	0.967055	-1.03407	0.00918591	1.46431	1.46431	0.709791	0.957815	-1.04404	0.747306	1.03798	1.03798	5.08395	1.07042	0.187156	1
cg01446627	ADARB2	0.0169597	0.80445	0.926936	-1.07882	0.497333	0.809984	-1.23459	0.5175	0.81817	-1.22224	0.020864	0.427228	-2.34067	0.791946	0.922327	-1.08421	0.56676	0.837705	-1.19374	0.00262559	0.279756	-3.57454	0.700976	1.12525	1.12525	0.00136725	0.241501	-4.14077	4.97343	7.36787	1.31684	1
cg19873199	ADARB2	0.017315	0.0333756	0.745719	-1.34099	0.00210197	0.600194	-1.66613	0.537758	0.929015	-1.07641	0.803789	0.971051	-1.02981	0.036968	0.751341	-1.33095	0.993946	0.999105	-1.0009	0.0322464	1.34439	1.34439	0.0574637	0.776032	-1.28861	0.629854	1.05898	1.05898	4.93903	1.08936	0.196054	1
cg04344021	ADARB2	0.0175882	0.183517	1.45944	1.45944	0.0269208	2.01792	2.01792	0.507338	1.19747	1.19747	0.544415	1.17865	1.17865	0.00171118	0.301323	-3.3187	0.784249	0.929111	-1.0763	0.0487615	1.82755	1.82755	0.102732	1.61335	1.61335	0.61614	0.873348	-1.14502	4.91318	5.58533	1.01049	1
cg02899206	ADARB2	0.0180114	0.263871	1.26107	1.26107	0.726868	1.07234	1.07234	0.801967	0.951181	-1.05132	0.0702236	1.49644	1.49644	0.776017	0.944771	-1.05846	0.357634	1.20733	1.20733	0.000542121	0.342658	-2.91836	0.98758	1.0031	1.0031	0.182687	0.754544	-1.3253	4.87409	3.06212	0.558439	1
cg19909974	ADARB2	0.0185393	0.0186181	0.437255	-2.287	0.00368254	0.320326	-3.12182	0.641176	0.872745	-1.14581	0.34674	0.755046	-1.32442	0.00199592	0.282109	-3.54473	0.657785	0.878727	-1.13801	0.251142	1.41581	1.41581	0.537242	0.834294	-1.19862	0.650727	0.876189	-1.14131	4.8269	6.42871	1.18387	1
cg16646662	ADARB2	0.0187294	0.0945348	0.490203	-2.03997	0.00163154	0.173647	-5.75882	0.108223	0.506714	-1.9735	0.1409	0.540972	-1.84853	0.113726	0.512939	-1.94955	0.35598	0.691891	-1.44532	0.00419416	0.225853	-4.42766	0.0683315	0.453056	-2.20723	0.0115991	0.29399	-3.40147	4.81032	11.4654	2.11867	1
cg09514185	ADARB2	0.0189525	0.869786	1.02988	1.02988	0.136552	1.33351	1.33351	0.0298383	0.632115	-1.58199	0.0225428	0.612495	-1.63267	0.0253224	0.620575	-1.61141	0.143961	1.32538	1.32538	0.0299154	1.58153	1.58153	0.0802816	1.41647	1.41647	0.838576	0.96406	-1.03728	4.79111	2.44331	0.453304	1
cg12284235	ADARB2	0.0189965	0.56728	0.850947	-1.17516	0.00190267	0.292902	-3.41411	0.377669	0.776722	-1.28746	0.29046	0.736214	-1.3583	0.0113425	0.41275	-2.42277	0.423118	0.795822	-1.25656	0.0024879	0.30931	-3.23301	0.903999	0.96688	-1.03425	0.26069	0.720753	-1.38744	4.78736	5.90774	1.09692	1
cg07308975	ADARB2	0.0191447	0.0887116	0.468385	-2.13499	0.0216588	3.04547	3.04547	0.425177	1.38951	1.38951	0.328655	0.665482	-1.50267	0.000972607	0.137734	-7.26036	0.745391	1.14066	1.14066	0.54026	0.778461	-1.28459	0.912528	1.04539	1.04539	0.588272	0.801901	-1.24704	4.77479	12.3382	2.29692	1
cg25430878	ADARB2	0.019622	0.55255	0.724045	-1.38113	0.0149708	4.99093	4.99093	0.383475	0.618621	-1.6165	0.903486	0.936888	-1.06736	0.00132879	0.0814055	-12.2842	0.592771	0.748174	-1.33659	0.0477279	0.296221	-3.37586	0.862452	1.09767	1.09767	0.23911	0.515543	-1.9397	4.73514	21.6585	4.06577	1
cg15428436	ADARB2	0.0205574	0.553415	0.885225	-1.12966	0.824856	1.0461	1.0461	0.962566	0.990501	-1.00959	0.113179	1.41988	1.41988	0.000511291	0.331741	-3.0144	0.553349	0.885206	-1.12968	0.169356	1.34678	1.34678	0.501393	1.14885	1.14885	0.914122	1.02218	1.02218	4.66077	3.05248	0.582161	1
cg11791289	ADARB2	0.0210359	0.546843	1.11458	1.11458	0.0128262	0.577019	-1.73305	0.50244	0.885949	-1.12873	0.406283	0.859717	-1.16317	0.0733706	1.42648	1.42648	0.0620685	1.45317	1.45317	0.00437364	1.96838	1.96838	0.274444	0.816838	-1.22423	0.660929	0.924475	-1.08169	4.62433	2.31825	0.445613	1
cg23695794	ADARB2	0.0212961	0.00112953	0.288513	-3.46604	0.99294	0.997708	-1.0023	0.434359	1.22988	1.22988	0.996773	1.00105	1.00105	0.795813	1.06958	1.06958	0.643285	0.886055	-1.1286	0.0120385	2.25321	2.25321	0.232868	0.722885	-1.38335	0.845444	1.05193	1.05193	4.60495	4.90765	0.947319	1
cg19810726	ADARB2	0.0213773	0.10026	0.616671	-1.62161	0.000899156	0.263391	-3.79664	0.107904	0.624411	-1.60151	0.293408	0.746323	-1.3399	0.32542	0.761398	-1.31337	0.0733942	0.58512	-1.70905	0.0094262	0.413351	-2.41925	0.0786068	0.59189	-1.6895	0.0339875	0.514564	-1.94339	4.59895	5.24948	1.01462	1
cg06385202	ADARB2	0.0216075	0.00883698	0.278665	-3.58854	0.0276908	2.71224	2.71224	0.545902	0.791132	-1.26401	0.969537	0.985468	-1.01475	0.00374464	0.223038	-4.48354	0.688537	1.16703	1.16703	0.073026	0.464647	-2.15217	0.905178	0.955345	-1.04674	0.644025	0.836632	-1.19527	4.58213	10.6642	2.06875	1
cg04401038	ADARB2	0.0220381	0.502064	1.12976	1.12976	0.0007258	0.39834	-2.51042	0.450703	1.14755	1.14755	0.466476	1.14192	1.14192	0.85376	0.967497	-1.0336	0.943975	1.01267	1.01267	0.282164	0.818614	-1.22158	0.136611	1.33267	1.33267	0.12278	1.3491	1.3491	4.55124	2.31168	0.451487	1
cg13684379	ADARB2	0.0221788	0.275735	2.73115	2.73115	0.0535276	6.97975	6.97975	0.966895	1.03746	1.03746	0.206657	3.25504	3.25504	0.00121597	0.0150575	-66.4123	?	?	?	0.469796	0.521207	-1.91862	0.662705	1.47537	1.47537	0.597285	0.623481	-1.6039	4.62232	51.0954	11.0541	1
cg04278975	ADARB2	0.0233876	0.158473	0.572799	-1.74581	0.00377083	4.2417	4.2417	0.718698	1.14305	1.14305	0.671176	0.853983	-1.17098	0.00774017	0.282408	-3.54097	0.168632	1.71978	1.71978	0.169949	1.71654	1.71654	0.677935	1.16692	1.16692	0.744589	0.886183	-1.12844	4.45908	9.64889	1.92345	1
cg08643855	ADARB2	0.0242998	0.60001	1.17865	1.17865	0.00642674	0.332487	-3.00764	0.0357245	0.468042	-2.13656	0.603762	0.849888	-1.17663	0.428723	0.778046	-1.28527	0.375187	0.753717	-1.32676	0.00961254	2.76847	2.76847	0.36793	0.750292	-1.33282	0.0626717	0.521673	-1.91691	4.40043	6.72539	1.35853	1
cg02088470	ADARB2	0.0248469	0.0342157	0.147676	-6.77156	0.0093009	0.077745	-12.8626	0.0294582	0.13738	-7.27911	0.050005	0.177251	-5.64171	0.0028636	0.04174	-23.9578	0.0441663	0.166982	-5.98866	0.90049	0.9077	-1.10169	0.628079	0.685299	-1.45922	0.113419	0.263545	-3.79442	4.36655	41.4441	8.43669	1
cg08284873	ADARB2	0.0259185	0.873996	0.960976	-1.04061	0.00717452	2.38839	2.38839	0.063214	1.68885	1.68885	0.135143	1.49775	1.49775	0.379479	0.797612	-1.25374	0.662937	1.11628	1.11628	0.00275058	2.8188	2.8188	0.0447016	1.78253	1.78253	0.794903	1.06752	1.06752	4.30279	4.28701	0.88563	1
cg07660114	ADARB2	0.026458	0.0055255	0.156668	-6.38294	0.0649972	2.86694	2.86694	0.0313697	3.60907	3.60907	0.626069	1.28353	1.28353	0.0250049	0.257807	-3.87887	0.397719	1.55295	1.55295	0.634435	1.27569	1.27569	0.740646	0.844639	-1.18394	0.736387	0.842193	-1.18738	4.27191	17.4814	3.63749	1
cg17276513	ADARB2	0.0265219	0.280534	1.18348	1.18348	0.0194121	0.654131	-1.52875	0.338484	0.862277	-1.15972	0.216391	0.822534	-1.21575	0.447077	1.12342	1.12342	0.0410909	1.42471	1.42471	0.00597618	1.71549	1.71549	0.330893	0.86013	-1.16262	0.467841	0.894992	-1.11733	4.26831	1.5247	0.317525	1
cg25370941	ADARB2	0.0265509	0.364711	0.851082	-1.17498	0.184423	0.7837	-1.276	0.0024076	2.07894	2.07894	0.411862	1.15634	1.15634	0.189723	0.786256	-1.27185	0.476743	1.13344	1.13344	0.0159296	1.667	1.667	0.372962	0.853556	-1.17157	0.944397	1.01215	1.01215	4.26667	2.02531	0.42194	1
cg12513994	ADARB2	0.0268048	0.0440758	0.167278	-5.97806	0.0550152	0.186059	-5.37463	0.0778744	0.219929	-4.54691	0.175949	0.328835	-3.04104	0.00986365	0.0804065	-12.4368	0.317484	0.449915	-2.22264	0.00811839	0.072833	-13.73	0.00439212	0.0528715	-18.9138	0.0669855	0.204524	-4.8894	4.25247	40.2371	8.41071	1
cg22676877	ADARB2	0.0270083	0.0637128	0.779109	-1.28352	0.107764	1.23387	1.23387	0.232122	0.860658	-1.1619	0.527058	0.92613	-1.07976	0.60271	1.0649	1.0649	0.0165937	1.41956	1.41956	0.0178614	1.41163	1.41163	0.0370941	0.748379	-1.33622	0.895939	0.984453	-1.01579	4.24121	0.963154	0.201862	1
cg16990474	ADARB2	0.0278375	0.0122364	0.244271	-4.09382	0.0237776	0.295653	-3.38234	0.0603395	0.384189	-2.60289	0.661864	0.819766	-1.21986	0.00532229	0.190463	-5.25038	0.764682	0.873218	-1.14519	0.131144	0.478997	-2.0877	0.771542	1.14052	1.14052	0.0128166	0.24759	-4.03893	4.19637	13.5541	2.87108	1
cg11270017	ADARB2	0.0279363	0.0154881	0.579194	-1.72654	0.260572	1.24084	1.24084	0.9574	1.00987	1.00987	0.675819	0.925577	-1.08041	0.197467	1.28471	1.28471	0.128463	1.35278	1.35278	0.00600405	1.93531	1.93531	0.125666	0.737304	-1.35629	0.248065	0.80087	-1.24864	4.19114	2.2447	0.476073	1
cg18302890	ADARB2	0.0281402	0.434527	0.777585	-1.28603	0.435091	1.28562	1.28562	0.924889	1.0302	1.0302	0.993158	1.00271	1.00271	0.000765348	0.200256	-4.9936	0.794012	0.920761	-1.08606	0.0806853	1.84257	1.84257	0.332231	1.37107	1.37107	0.726614	0.895169	-1.11711	4.18042	6.59008	1.40126	1
cg07162000	ADARB2	0.02825	0.0281575	0.0405785	-24.6436	0.329477	0.288222	-3.46955	0.430089	0.369506	-2.70631	0.0903361	0.0995577	-10.0444	0.0137088	0.0231078	-43.2754	0.0258404	0.0379697	-26.3368	0.0041474	0.00864694	-115.648	0.01901	0.0298989	-33.4461	0.0497096	0.0628323	-15.9154	4.17468	101.028	21.5112	1
cg03213833	ADARB2	0.0283235	0.00986066	0.236707	-4.22463	0.0224445	0.298728	-3.34753	0.0521757	0.376884	-2.65334	0.128539	0.483931	-2.06641	0.00195113	0.144366	-6.92682	0.211881	0.559321	-1.78788	0.288882	0.61482	-1.62649	0.919409	1.04573	1.04573	0.317846	0.633699	-1.57804	4.17086	12.8948	2.74813	1
cg07568644	ADARB2	0.0283678	0.597554	1.10753	1.10753	0.0887819	1.43314	1.43314	0.197903	0.770369	-1.29808	0.115224	1.38861	1.38861	0.162819	0.75156	-1.33057	0.0672979	1.48151	1.48151	0.00449266	2.06712	2.06712	0.167569	0.754278	-1.32577	0.271101	0.802805	-1.24563	4.16856	2.42624	0.517362	1
cg20525449	ADARB2	0.0284985	0.0547937	1.7326	1.7326	0.937236	1.02007	1.02007	0.173866	0.694156	-1.4406	0.507611	0.843992	-1.18485	0.18837	0.703498	-1.42147	0.0132342	2.17012	2.17012	0.00723365	2.39764	2.39764	0.834042	1.05437	1.05437	0.194039	0.70701	-1.41441	4.1618	4.19665	0.896331	1
cg25065716	ADARB2	0.0287873	0.0277313	0.201776	-4.956	0.0188676	0.173835	-5.7526	0.0157999	0.162182	-6.16592	0.569724	0.702286	-1.42392	0.0191229	0.174747	-5.72256	0.0768435	0.298071	-3.35491	0.00952716	0.132645	-7.53894	0.0209686	0.18112	-5.52122	0.101322	0.331667	-3.01507	4.14701	24.8544	5.3274	1
cg20411671	ADARB2	0.0294189	0.863865	0.967786	-1.03329	0.856737	1.03508	1.03508	0.0955955	0.705165	-1.41811	0.12256	0.726679	-1.37612	0.742229	0.938965	-1.065	0.00273215	0.454165	-2.20184	0.670454	0.921572	-1.0851	0.370733	1.1917	1.1917	0.0190985	1.71813	1.71813	4.11529	2.37298	0.512557	1
cg02924954	ADARB2	0.0300106	0.033399	0.580359	-1.72307	0.0128817	1.96579	1.96579	0.815931	1.05236	1.05236	0.899352	0.972683	-1.02808	0.0238937	0.554355	-1.8039	0.776733	1.06421	1.06421	0.0349543	1.71241	1.71241	0.374706	0.819198	-1.22071	0.294979	0.788417	-1.26836	4.08632	3.10061	0.674468	1
cg00363080	ADARB2	0.0307112	0.0135469	0.106464	-9.39289	0.00406121	0.0591332	-16.911	0.0476128	0.189997	-5.26325	0.305239	0.459195	-2.17772	0.0124716	0.102387	-9.7669	0.310531	0.463373	-2.15809	0.0377239	0.170884	-5.85193	0.687466	0.743438	-1.3451	0.0653449	0.219469	-4.55645	4.05292	34.4957	7.56562	1
cg05248655	ADARB2	0.030991	0.00756993	0.179506	-5.57085	0.188048	0.497885	-2.0085	0.0542599	0.335535	-2.98032	0.115343	0.424914	-2.35342	0.00473952	0.153293	-6.52346	0.347664	0.616666	-1.62162	0.136278	0.448195	-2.23117	0.387816	1.55662	1.55662	0.0310064	0.281968	-3.54651	4.03985	15.9921	3.51875	1
cg25054841	ADARB2	0.031109	0.0525816	2.21252	2.21252	0.586218	1.21903	1.21903	0.589323	1.217	1.217	0.129356	1.80489	1.80489	0.0543769	2.19596	2.19596	0.100535	1.9122	1.9122	0.000999706	5.81716	5.81716	0.0316912	2.47826	2.47826	0.303711	1.46794	1.46794	4.03437	8.29679	1.82802	1
cg02408697	ADARB2	0.0321551	0.421833	1.54584	1.54584	0.000815971	14.567	14.567	0.156518	2.23565	2.23565	0.893839	1.07345	1.07345	0.422082	0.647054	-1.54547	0.124003	2.42117	2.42117	0.161908	2.20959	2.20959	0.558925	0.730711	-1.36853	0.154362	2.2464	2.2464	3.98697	17.7936	3.96705	1
cg08944086	ADARB2	0.0322602	0.402457	1.22245	1.22245	0.0851517	0.64006	-1.56235	0.449354	1.19807	1.19807	0.0377389	1.75927	1.75927	0.104101	1.51671	1.51671	0.540181	0.864704	-1.15647	0.0063453	2.3001	2.3001	0.0270649	1.84689	1.84689	0.0810816	1.57363	1.57363	3.98231	3.46581	0.773601	1
cg07356555	ADARB2	0.0326164	0.0053396	0.271261	-3.68648	0.0588572	2.13523	2.13523	0.129326	0.558428	-1.79074	0.996918	0.998628	-1.00137	0.0127893	0.333057	-3.00249	0.224741	0.635502	-1.57356	0.21899	0.63154	-1.58343	0.283181	0.672726	-1.48649	0.115108	0.543859	-1.83871	3.96667	7.94006	1.77928	1
cg07815694	ADARB2	0.033406	0.363326	0.82444	-1.21294	0.00319128	2.29786	2.29786	0.554847	0.883887	-1.13137	0.521171	1.14382	1.14382	0.19145	0.751426	-1.3308	0.0271018	1.71709	1.71709	0.0334082	1.67136	1.67136	0.779287	1.05977	1.05977	0.849197	1.04012	1.04012	3.93272	2.65958	0.601128	1
cg15570021	ADARB2	0.0341373	0.0331146	0.486751	-2.05444	0.40601	1.27851	1.27851	0.582224	1.1742	1.1742	0.136741	1.58933	1.58933	0.00244285	0.295594	-3.38302	0.61187	1.15939	1.15939	0.247751	1.41801	1.41801	0.392158	0.776177	-1.28837	0.884769	1.0428	1.0428	3.90216	5.16246	1.17598	1
cg08971562	ADARB2	0.0360531	0.00901733	0.371617	-2.69094	0.121272	1.65023	1.65023	0.640479	1.15056	1.15056	0.925197	1.0284	1.0284	0.00471006	0.326357	-3.06413	0.661773	0.876995	-1.14026	0.735616	1.10633	1.10633	0.494994	1.2295	1.2295	0.193009	0.663149	-1.50796	3.82579	5.38685	1.25159	1
cg19207066	ADARB2	0.0361671	0.00463475	0.37942	-2.6356	0.280688	1.33443	1.33443	0.76262	0.925018	-1.08106	0.0140944	0.458576	-2.18066	0.376801	0.791878	-1.26282	0.795891	0.93548	-1.06897	0.0181775	0.478125	-2.0915	0.0879288	0.615967	-1.62346	0.40218	0.802038	-1.24682	3.8214	4.00662	0.931973	1
cg17077845	ADARB2	0.0366488	0.570919	0.751499	-1.33067	0.0444256	3.16314	3.16314	0.305175	1.69839	1.69839	0.238626	0.540267	-1.85094	0.00186564	0.110622	-9.03983	0.703363	1.21027	1.21027	0.725811	1.19201	1.19201	0.785278	0.872641	-1.14595	0.351188	1.61388	1.61388	3.80305	14.9885	3.50327	1
cg23943953	ADARB2	0.0372554	0.409314	0.798686	-1.25206	0.958585	0.986262	-1.01393	0.0188042	0.468502	-2.13446	0.572749	0.859148	-1.16394	0.00369076	0.351579	-2.84431	0.576103	0.86031	-1.16237	0.036814	1.90797	1.90797	0.47788	0.825129	-1.21193	0.280929	0.741905	-1.34788	3.78037	4.24847	0.998955	1
cg23852670	ADARB2	0.0416263	0.0398236	0.28212	-3.54459	0.0169411	0.212047	-4.71593	0.032476	0.263683	-3.79243	0.650568	1.27485	1.27485	0.00686454	0.155042	-6.44989	0.706758	0.817705	-1.22293	0.036827	0.274907	-3.63759	0.775998	0.859067	-1.16405	0.572974	0.73838	-1.35432	3.62932	16.2987	3.99185	1
cg15622527	ADARB2	0.0416913	0.0590729	0.495675	-2.01745	0.867016	0.946312	-1.05673	0.705299	1.13326	1.13326	0.494269	1.25678	1.25678	0.0077238	0.324069	-3.08576	0.689671	0.8762	-1.14129	0.0103133	2.89856	2.89856	0.704276	0.882002	-1.13378	0.721719	1.12497	1.12497	3.62723	6.22835	1.52632	1
cg15531433	ADARB2	0.0428921	0.0361275	0.204606	-4.88744	0.00989963	0.119825	-8.34551	0.0878443	0.293295	-3.40953	0.267451	0.471347	-2.12158	0.0214613	0.16549	-6.04267	0.124091	0.338154	-2.95723	0.0465045	0.226613	-4.41282	0.00992912	0.119977	-8.33496	0.13946	0.355064	-2.8164	3.5892	24.0972	5.96782	1
cg04855826	ADARB2	0.0436091	0.0653857	0.733003	-1.36425	0.160193	1.25051	1.25051	0.983175	0.996895	-1.00311	0.539651	0.912334	-1.09609	0.506454	0.905172	-1.10476	0.0365439	1.44334	1.44334	0.0111183	1.62719	1.62719	0.0680663	0.735848	-1.35898	0.767854	0.957267	-1.04464	3.88609	1.3104	0.26227	1
cg24127345	ADARB2	0.045558	0.443566	1.22549	1.22549	0.00260763	0.337745	-2.96081	0.0763906	0.598603	-1.67056	0.630353	1.13453	1.13453	0.731389	1.09384	1.09384	0.305731	1.31792	1.31792	0.147478	1.49867	1.49867	0.551082	0.854705	-1.16999	0.408144	1.24637	1.24637	3.50928	3.76601	0.953917	1
cg05431532	ADARB2	0.048487	0.801814	0.899262	-1.11202	0.458418	0.727054	-1.37541	0.255309	0.605686	-1.65102	0.814822	1.10412	1.10412	0.00313861	0.181811	-5.50023	0.789291	1.11972	1.11972	0.0114712	0.263072	-3.80123	0.0591182	0.406697	-2.45883	0.280811	0.62296	-1.60524	3.42786	9.6767	2.5093	1
cg06422309	ADARB2	0.0491651	0.0422453	0.298819	-3.34651	0.0320615	0.273484	-3.65653	0.0578818	0.330565	-3.02513	0.575006	1.33973	1.33973	0.0124451	0.200753	-4.98124	0.148966	2.22341	2.22341	0.116626	0.414711	-2.41132	0.822014	0.890189	-1.12336	0.49426	0.698822	-1.43098	3.40987	14.3939	3.75223	1
cg00467420	ADARB2;ADARB2	1.47E-05	0.00505423	1.2195	1.2195	0.0974509	0.907242	-1.10224	0.0441839	0.883603	-1.13173	0.00710479	0.830149	-1.2046	0.000128829	1.42794	1.42794	2.19E-05	0.633566	-1.57837	2.04E-06	0.534446	-1.8711	0.095632	1.10294	1.10294	0.049395	0.886883	-1.12754	36.6763	1.6643	0.0403361	1
cg05307923	ADARB2;ADARB2	0.0278852	0.605769	1.06865	1.06865	0.205677	0.843451	-1.1856	0.749415	1.04171	1.04171	0.0343682	0.729985	-1.36989	0.0181694	1.4416	1.4416	0.950665	1.00792	1.00792	0.00522811	0.625114	-1.59971	0.350067	1.1305	1.1305	0.311154	1.14297	1.14297	4.19384	1.08015	0.228938	1
cg07393169	ADAT1	1.53E-05	0.431571	0.928584	-1.07691	0.16763	0.873053	-1.14541	1.83E-06	0.334121	-2.99293	0.0829247	1.1939	1.1939	0.379826	1.08671	1.08671	0.0246326	0.781123	-1.28021	3.07E-06	0.359154	-2.78432	0.0454889	1.23581	1.23581	0.000185691	0.558434	-1.79072	36.349	4.90493	0.119947	1
cg02576610	ADAT1	2.25E-05	6.27E-06	0.179024	-5.58585	0.0895495	0.726849	-1.3758	0.158835	1.29264	1.29264	0.125119	0.753567	-1.32702	5.56E-06	0.174117	-5.74327	0.000140123	0.326062	-3.0669	0.315338	1.19358	1.19358	0.00418396	1.9232	1.9232	0.107959	1.34843	1.34843	32.8555	15.1165	0.408969	1
cg04848196	ADAT1	5.37E-05	0.171907	1.28049	1.28049	8.87E-07	0.108739	-9.1963	0.890746	1.02364	1.02364	0.00612685	1.83699	1.83699	0.784428	0.95445	-1.04772	0.0332605	0.655027	-1.52665	0.0108343	0.580394	-1.72297	0.742295	1.0577	1.0577	0.066987	1.41778	1.41778	26.1227	11.9591	0.406938	1
cg08949490	ADAT1	0.00105565	0.0438296	0.630505	-1.58603	0.490208	0.869769	-1.14973	0.000599708	0.348532	-2.86917	0.0770589	0.676129	-1.47901	0.00356837	0.455705	-2.1944	0.00131535	0.394266	-2.53636	5.81E-05	0.226867	-4.40786	0.174011	0.749828	-1.33364	0.0294613	0.60022	-1.66605	11.587	7.27302	0.557943	1
cg07861456	ADAT1	0.00833915	0.0900517	0.602183	-1.66062	0.98138	0.993684	-1.00636	0.00108865	0.270208	-3.70086	0.12494	0.637055	-1.56972	0.0254368	0.48625	-2.05656	0.00191734	0.303411	-3.29586	0.790008	1.07515	1.07515	0.919688	0.972993	-1.02776	0.00940697	0.409128	-2.44422	6.26168	7.30859	1.0375	1
cg13232900	ADAT1	0.0179729	0.690836	0.936354	-1.06797	0.104711	1.3387	1.3387	0.00682146	1.77987	1.77987	0.250799	0.820869	-1.21822	0.00150735	2.1215	2.1215	0.334195	0.848876	-1.17803	0.698876	0.938057	-1.06603	0.655867	1.07657	1.07657	0.558974	0.907365	-1.10209	4.8776	2.0904	0.380952	1
cg08083335	ADAT1	0.0211346	0.455049	1.1299	1.1299	0.017767	0.629625	-1.58825	0.146186	1.28451	1.28451	0.528215	1.10801	1.10801	0.293	1.19136	1.19136	0.0706097	1.38305	1.38305	0.0317452	0.667596	-1.49791	0.0156604	0.621558	-1.60886	0.071699	0.724146	-1.38094	4.61694	1.88376	0.362676	1
cg02262025	ADAT1	0.0249974	0.508014	0.86652	-1.15404	0.340294	0.810856	-1.23326	0.33596	0.809231	-1.23574	0.728505	0.928352	-1.07718	0.0912951	0.672496	-1.487	0.432611	1.18632	1.18632	0.00067203	0.329625	-3.03375	0.140565	1.40244	1.40244	0.827877	1.04755	1.04755	4.35739	3.14116	0.640784	1
cg23949519	ADAT2	0.00534711	0.000868834	0.361708	-2.76466	0.0460369	0.627931	-1.59253	0.00225628	0.418977	-2.38676	0.592461	0.895863	-1.11624	0.00144601	0.391833	-2.5521	0.0163624	0.550303	-1.81718	0.0343713	0.605141	-1.65251	0.0683991	0.660177	-1.51474	0.0910499	0.684657	-1.46059	7.18947	4.71653	0.58314	1
cg07510303	ADAT2	0.00862173	0.0967982	0.646304	-1.54726	0.0337111	1.81095	1.81095	0.872452	0.962259	-1.03922	0.193423	0.719265	-1.39031	0.0333152	0.551224	-1.81414	0.539285	1.16047	1.16047	0.147881	1.45025	1.45025	0.000625941	3.52332	3.52332	0.957484	0.987315	-1.01285	6.1961	5.62657	0.807185	1
cg00888489	ADAT2;PEX3	0.0262416	0.794883	0.930389	-1.07482	0.512628	0.832018	-1.2019	0.88679	0.961317	-1.04024	0.687445	1.11852	1.11852	0.436836	0.802782	-1.24567	0.440528	1.24338	1.24338	0.000565129	0.22769	-4.39194	0.0486948	0.536048	-1.86551	0.14982	0.65207	-1.53358	4.2842	5.20407	1.07974	1
cg10184649	ADAT2;PEX3	0.033017	0.932912	1.01634	1.01634	0.00602986	1.995	1.995	0.0128852	1.81198	1.81198	0.983535	1.00398	1.00398	0.0379015	0.629142	-1.58947	0.835803	1.04076	1.04076	0.717346	1.07249	1.07249	0.444533	1.16189	1.16189	0.0605991	1.50272	1.50272	3.94932	2.31803	0.521728	1
cg25468277	ADAT2;PEX3	0.0467248	0.071665	0.816732	-1.22439	0.0945732	1.20317	1.20317	0.839907	1.02057	1.02057	0.289202	0.895171	-1.1171	0.972503	0.996537	-1.00348	0.739387	0.966953	-1.03418	0.00187845	0.64163	-1.55853	0.906905	0.988293	-1.01185	0.368129	0.911147	-1.09752	3.47609	0.557805	0.142639	1
cg01294521	ADAT3;SCAMP4	3.84E-05	0.000221504	0.470339	-2.12613	0.844373	0.976187	-1.02439	8.85E-05	0.422719	-2.36564	0.0235777	0.717809	-1.39313	8.90E-05	0.423	-2.36407	0.000117587	0.437403	-2.28622	2.92E-06	0.254259	-3.933	0.671864	0.949092	-1.05364	0.00162819	0.574869	-1.73953	28.5432	6.79822	0.21171	1
cg09450735	ADAT3;SCAMP4	0.00301307	0.232654	0.852075	-1.17361	0.594191	0.933533	-1.0712	0.0490919	1.33286	1.33286	0.232372	0.851984	-1.17373	0.0109208	1.50474	1.50474	0.162317	0.826288	-1.21023	0.000118671	0.422608	-2.36626	0.991998	0.998718	-1.00128	0.230572	0.851406	-1.17453	8.54711	2.21447	0.230302	1
cg04355801	ADAT3;SCAMP4	0.0249659	0.291317	1.12546	1.12546	0.768278	1.0324	1.0324	0.0153759	0.725386	-1.37858	0.123783	0.835336	-1.19712	0.400475	0.911289	-1.09735	0.0198816	0.738284	-1.35449	0.011489	1.40676	1.40676	0.739664	0.964645	-1.03665	0.0904143	0.817593	-1.2231	4.3593	0.804381	0.164018	1
cg00558053	ADAT3;SCAMP4	0.026256	0.0342109	0.560377	-1.78451	0.69358	1.09726	1.09726	0.479986	1.18329	1.18329	0.00173648	0.351023	-2.84881	0.221831	0.740106	-1.35116	0.0977382	0.653229	-1.53086	0.0707592	0.622967	-1.60522	0.200998	0.728664	-1.37238	0.0216659	0.524047	-1.90823	4.28338	3.72691	0.773409	1
cg06595022	ADAT3;SCAMP4	0.0456029	0.551247	0.891888	-1.12122	0.298298	1.22704	1.22704	0.724853	1.06937	1.06937	0.455142	1.15531	1.15531	0.62318	0.910295	-1.09855	0.0263334	0.606566	-1.64863	0.00449497	2.05199	2.05199	0.242025	0.792637	-1.26161	0.251447	0.79661	-1.25532	3.50799	2.00105	0.507047	1
cg09234571	ADC	1.01E-05	1.60E-05	0.628049	-1.59223	0.00148635	0.786943	-1.27074	2.39E-05	0.643728	-1.55345	0.891608	1.00715	1.00715	3.81E-07	0.467151	-2.14063	0.00125836	0.781768	-1.27915	0.257933	0.940146	-1.06366	0.000335469	0.739055	-1.35308	0.369769	0.952984	-1.04934	40.4744	1.75224	0.0384822	1
cg12585759	ADC	0.000324848	0.260153	1.09991	1.09991	0.180998	1.12204	1.12204	0.00348468	1.37908	1.37908	0.00024945	1.6324	1.6324	0.0292125	1.23161	1.23161	4.32E-05	1.87675	1.87675	0.111891	0.869043	-1.15069	0.00541092	0.743184	-1.34556	0.773876	0.976915	-1.02363	16.0954	1.67569	0.0925421	1
cg26833830	ADC	0.000706445	0.0401631	0.443857	-2.25298	0.0107812	0.33378	-2.99599	0.906634	0.960605	-1.04101	0.686175	1.14929	1.14929	9.13E-06	0.0373257	-26.7912	0.821637	0.925566	-1.08042	0.0289584	0.413934	-2.41584	0.118057	0.559134	-1.78848	0.0159735	0.36401	-2.74718	12.9776	24.1193	1.65203	1
cg03149157	ADC	0.000976485	0.109862	1.2809	1.2809	0.000570898	2.13359	2.13359	0.302914	1.16368	1.16368	0.090093	1.30388	1.30388	0.00930377	0.625834	-1.59787	0.00318257	1.77214	1.77214	0.000477189	2.17913	2.17913	0.00174302	1.88526	1.88526	0.0235975	1.4681	1.4681	11.8462	3.78563	0.284058	1
cg02350320	ADC	0.0108156	0.0322141	0.486495	-2.05552	0.000795283	0.233305	-4.28623	0.056242	0.537387	-1.86085	0.243836	0.704499	-1.41945	0.0169128	0.43303	-2.30931	0.292237	0.730598	-1.36874	0.0124279	0.409158	-2.44404	0.00446606	0.336466	-2.97207	0.363418	0.764673	-1.30775	5.76381	7.53223	1.16161	1
cg22189725	ADC	0.0229713	0.000669733	0.33933	-2.94698	0.654201	0.910623	-1.09815	0.530239	1.14114	1.14114	0.049586	0.62801	-1.59233	0.891057	1.02887	1.02887	0.75301	0.93655	-1.06775	0.460247	0.855455	-1.16897	0.286109	1.25865	1.25865	0.250962	1.28285	1.28285	4.48679	3.06425	0.607066	1
cg14150071	ADC	0.0302098	0.0741829	0.494947	-2.02042	0.0655381	0.481619	-2.07633	0.0134979	0.339294	-2.9473	0.955857	1.01976	1.01976	0.00639457	0.28531	-3.50496	0.171346	0.597622	-1.6733	0.0124138	0.332887	-3.00402	0.0532682	0.460174	-2.17309	0.0344295	0.418112	-2.3917	4.07673	8.06736	1.75901	1
cg04122081	ADC	0.0333036	0.0815074	1.49392	1.49392	0.918793	0.979022	-1.02143	0.111512	0.697429	-1.43384	0.688917	0.919745	-1.08726	0.0868765	1.48155	1.48155	0.0398405	0.610195	-1.63882	0.881611	1.03147	1.03147	0.0044658	2.19974	2.19974	0.947162	1.01387	1.01387	3.93707	2.69489	0.608436	1
cg03962411	ADC	0.0344677	0.387409	0.809866	-1.23477	0.873693	1.0386	1.0386	0.609428	1.13049	1.13049	0.0368632	0.56152	-1.78088	0.592696	1.13716	1.13716	0.0015563	0.338694	-2.95252	0.543063	0.863691	-1.15782	0.383934	1.23678	1.23678	0.195884	1.38483	1.38483	3.88862	3.4897	0.797701	1
cg23661309	ADC;ADC	0.0191028	0.179887	0.483871	-2.06667	0.0906271	2.6006	2.6006	0.0370513	3.49692	3.49692	0.0160356	0.214936	-4.65255	0.364791	0.623631	-1.60351	?	?	?	?	?	?	0.0658943	2.88916	2.88916	0.0327921	3.64291	3.64291	5.52953	17.0026	3.07487	1
cg18985109	ADCK1;ADCK1	1.11E-06	1.30E-07	0.0300189	-33.3123	0.0257889	1.74242	1.74242	0.203441	0.754604	-1.3252	2.42E-06	0.090662	-11.03	1.31E-06	0.074059	-13.5028	0.0198119	0.554285	-1.80413	0.0215026	1.78467	1.78467	?	?	?	0.576121	0.888282	-1.12577	73.2595	45.3713	0.619323	1
cg18505710	ADCK1;ADCK1	0.00019523	0.0751654	0.853895	-1.1711	0.00148499	0.693947	-1.44103	0.00170247	1.42934	1.42934	0.017006	0.792964	-1.26109	0.000214206	0.610954	-1.63678	0.000461008	0.644412	-1.5518	0.00129775	1.4528	1.4528	0.0395922	0.827192	-1.20891	0.337675	1.08198	1.08198	18.4918	1.86094	0.0894541	1
cg08426384	ADCK1;ADCK1	0.00385977	0.197869	1.27551	1.27551	0.239044	0.802148	-1.24665	0.176629	1.29281	1.29281	0.921791	1.01771	1.01771	0.807118	1.04471	1.04471	0.609091	0.911907	-1.0966	7.44E-05	0.276157	-3.62113	0.107834	1.36852	1.36852	0.531884	1.11987	1.11987	7.93733	4.01875	0.450053	1
cg11829203	ADCK1;ADCK1	0.00974295	0.200252	0.860935	-1.16153	0.061808	1.2621	1.2621	0.784602	0.970134	-1.03079	0.740708	0.963915	-1.03744	0.143754	0.840433	-1.18986	0.787646	1.03033	1.03033	0.00202425	0.617671	-1.61899	0.00405658	1.53267	1.53267	0.139348	1.19251	1.19251	5.96	1.1561	0.172424	1
cg19842026	ADCK1;ADCK1	0.0136605	0.447841	1.22319	1.22319	0.00212703	3.07822	3.07822	0.751697	0.920658	-1.08618	0.291927	1.32947	1.32947	0.0180387	0.473246	-2.11306	0.508299	1.19097	1.19097	0.0099016	2.33647	2.33647	0.0566787	1.75382	1.75382	0.145818	1.50182	1.50182	5.34278	5.73907	0.954821	1
cg24987170	ADCK1;ADCK1	0.0154311	0.0613498	0.514191	-1.9448	0.60605	1.1784	1.1784	0.000481555	0.177656	-5.62887	0.995213	0.998109	-1.00189	0.237239	0.676571	-1.47804	0.25346	1.45693	1.45693	0.0243413	0.428782	-2.33219	0.774353	0.913291	-1.09494	0.785837	0.917647	-1.08974	5.13232	8.09336	1.40172	1
cg08033838	ADCK1;ADCK1	0.0169588	0.861587	0.972438	-1.02834	0.612896	1.08514	1.08514	0.33874	1.17108	1.17108	0.346769	1.16785	1.16785	0.90705	1.01888	1.01888	0.0617149	1.40075	1.40075	0.000236924	2.65222	2.65222	0.351844	1.16585	1.16585	0.708609	0.941647	-1.06197	4.97351	2.02038	0.361092	1
cg23997365	ADCK1;ADCK1	0.0265277	0.0197199	0.641466	-1.55893	0.106659	1.32012	1.32012	0.0673775	0.723874	-1.38146	0.185631	0.8015	-1.24766	0.172876	0.795581	-1.25694	0.138438	1.28592	1.28592	0.0223836	1.53941	1.53941	0.108742	1.31757	1.31757	0.783298	0.957467	-1.04442	4.26798	1.68008	0.34991	1
cg11731031	ADCK1;ADCK1	0.0335838	0.0677023	0.72484	-1.37961	0.277571	0.837323	-1.19428	0.0565469	0.712189	-1.40412	0.038809	0.686485	-1.4567	0.208805	0.811944	-1.23161	0.00898944	0.593142	-1.68594	0.434342	0.882122	-1.13363	0.0161214	0.629441	-1.58871	0.0982236	1.32998	1.32998	3.92522	1.53691	0.348043	1
cg23405908	ADCK1;ADCK1	0.0409054	0.49034	1.21266	1.21266	0.0212548	0.466738	-2.14253	0.0406871	0.521893	-1.9161	0.0299346	0.495157	-2.01956	0.0401269	0.520657	-1.92065	0.048702	0.538179	-1.85812	0.254667	1.38722	1.38722	0.0548898	0.549292	-1.82052	0.544309	0.844614	-1.18397	3.65285	4.38121	1.06613	1
cg17316346	ADCK1;ADCK1	0.0489911	0.47675	0.815466	-1.22629	0.0175971	0.442896	-2.25787	0.228908	0.700458	-1.42764	0.530375	0.835929	-1.19627	0.252423	0.713853	-1.40085	0.599234	0.861126	-1.16127	0.00644915	2.71505	2.71505	0.150195	0.647335	-1.54479	0.540813	0.839817	-1.19074	3.41445	4.29917	1.11921	1
cg23214464	ADCK2	0.00538187	0.00140987	0.240932	-4.15054	0.390309	1.31131	1.31131	0.41576	1.29188	1.29188	0.0151692	2.50539	2.50539	0.00165204	0.249921	-4.00127	0.999852	0.999943	-1.00006	0.649547	1.15125	1.15125	0.198484	0.6581	-1.51953	0.0942663	0.567578	-1.76187	7.1752	10.7724	1.33453	1
cg23925301	ADCK4;ADCK4	0.00295455	0.424969	0.9136	-1.09457	0.0174286	1.37854	1.37854	0.0269732	1.33709	1.33709	0.0247348	0.743405	-1.34516	0.0370203	1.30812	1.30812	0.571271	0.938516	-1.06551	0.0121721	0.707141	-1.41415	0.664928	1.04952	1.04952	0.000562371	1.80949	1.80949	8.59702	1.67476	0.173162	1
cg21573765	ADCK4;ADCK4	0.00569488	0.0424808	0.574221	-1.74149	0.273098	0.762743	-1.31106	0.0951731	1.54553	1.54553	0.00107634	0.317699	-3.14763	0.344762	0.793683	-1.25995	0.00755176	0.442143	-2.26171	0.309033	1.284	1.284	0.0937405	1.54904	1.54904	0.0533754	1.68384	1.68384	7.05168	6.29684	0.793739	1
cg05268347	ADCK4;ADCK4	0.0240753	0.466541	0.834031	-1.199	0.00519822	0.405207	-2.46787	0.011443	0.460659	-2.1708	0.236244	1.35526	1.35526	0.290868	1.30796	1.30796	0.688516	0.906013	-1.10374	0.0604984	1.67942	1.67942	0.152626	0.687126	-1.45534	0.414789	1.22652	1.22652	4.4146	4.19465	0.844601	1
cg10533536	ADCK5	8.86E-06	0.627142	0.985466	-1.01475	1.01E-06	0.681325	-1.46773	0.00155389	0.872785	-1.14576	0.232387	0.963236	-1.03817	0.904277	0.996408	-1.0036	0.0037718	0.889663	-1.12402	9.41E-06	1.33095	1.33095	0.000126313	0.819049	-1.22093	0.00853529	0.904498	-1.10559	41.867	0.593137	0.012593	1
cg21843258	ADCK5	0.000348432	0.00179376	0.56355	-1.77447	0.148966	1.22116	1.22116	0.00378612	1.65581	1.65581	0.0884431	1.27462	1.27462	0.00584305	0.627584	-1.59341	0.529036	1.08581	1.08581	5.95E-05	0.383365	-2.60848	0.00321901	0.595131	-1.6803	0.0502039	0.749606	-1.33403	15.7887	4.16727	0.234613	1
cg04211370	ADCK5	0.000884497	0.000140706	0.502488	-1.9901	0.00582403	0.68511	-1.45962	0.164342	1.16811	1.16811	0.745229	1.03474	1.03474	0.000837712	0.590787	-1.69266	0.0725748	0.810742	-1.23344	0.00146948	0.618263	-1.61744	0.367768	1.10174	1.10174	0.320996	1.11336	1.11336	12.1824	2.11617	0.154407	1
cg21417399	ADCK5	0.0042924	0.00517943	0.0635388	-15.7384	0.0707804	4.33324	4.33324	0.0860572	3.95556	3.95556	0.756018	0.800456	-1.24929	0.000276917	0.00989179	-101.094	0.627417	0.705024	-1.41839	0.232894	2.45806	2.45806	0.815789	1.1813	1.1813	0.277844	2.24864	2.24864	8.95845	70.7617	6.14357	1
cg26827874	ADCK5	0.00517203	0.786236	0.967715	-1.03336	0.00272963	0.606859	-1.64783	0.00162383	0.579701	-1.72503	0.145089	0.827862	-1.20793	0.181804	0.842735	-1.18661	0.136575	0.823971	-1.21363	0.00830526	1.5028	1.5028	0.09939	1.24365	1.24365	0.438783	0.909067	-1.10003	7.26312	1.67649	0.205175	1
cg26202697	ADCK5	0.0161425	0.899522	1.02943	1.02943	0.154295	1.41933	1.41933	0.0169065	1.95259	1.95259	0.210563	0.738625	-1.35387	0.0984393	0.659565	-1.51615	0.00786374	0.456972	-2.18832	0.00885667	2.14923	2.14923	0.934587	1.01903	1.01903	0.907047	1.02719	1.02719	5.05605	4.22293	0.74242	1
cg01915822	ADCK5	0.0267024	0.363005	0.629633	-1.58823	0.218964	1.896	1.896	0.940503	0.963737	-1.03763	0.940962	1.03733	1.03733	0.00677689	0.176143	-5.6772	0.0223448	0.25806	-3.87507	0.0040555	0.148175	-6.74878	0.243206	0.546473	-1.82992	0.813225	1.12425	1.12425	4.25817	16.5131	3.4471	1
cg24801123	ADCY1	0.000410919	0.0238926	0.685555	-1.45867	0.349497	1.14442	1.14442	0.804156	0.965798	-1.03541	0.293065	0.858321	-1.16506	0.450573	1.11369	1.11369	0.00036313	2.22669	2.22669	0.198691	0.826757	-1.20955	0.0149839	1.52033	1.52033	2.34E-05	3.26701	3.26701	15.0877	4.68805	0.276195	1
cg14396328	ADCY1	0.00158204	0.193207	0.816006	-1.22548	0.00560355	0.584438	-1.71105	0.0420566	0.707567	-1.41329	0.642629	0.93332	-1.07144	0.000217486	0.40221	-2.48626	0.000191324	0.395328	-2.52955	0.235398	1.20158	1.20158	0.967407	0.993984	-1.00605	0.233276	0.831473	-1.20268	10.32	3.56429	0.307002	1
cg16848624	ADCY1	0.00173268	0.0197768	0.510976	-1.95704	0.607019	1.13175	1.13175	0.810111	0.94419	-1.05911	0.494443	0.847449	-1.18001	0.120113	0.668815	-1.49518	0.00438451	0.403461	-2.47856	0.0302983	0.544691	-1.8359	0.515613	1.17031	1.17031	0.000127865	4.9009	4.9009	10.0522	9.06096	0.801235	1
cg20915897	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00683984	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04028634	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02646007	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07960450	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21873741	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07651242	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03432719	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26459372	ADCY1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07347148	ADCY10;ADCY10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06933072	ADCY10;ADCY10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17006404	ADCY10;ADCY10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19307406	ADCY10;ADCY10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10994639	ADCY10;ADCY10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13925014	ADCY10;ADCY10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26344392	ADCY10;ADCY10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04119977	ADCY2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
ch.5.236818R	ADCY2	0.000466905	0.147315	0.690642	-1.44793	0.000233032	0.233805	-4.27706	0.00287399	0.376794	-2.65397	0.551703	0.866462	-1.15412	0.384417	0.808736	-1.2365
cg15019005	ADCY2	0.000945107	0.0555839	0.664851	-1.5041	0.0107006	0.546816	-1.82877	0.00652834	0.514263	-1.94453	0.118443	0.726913	-1.37568	1.37E-05	0.180807	-5.53075
cg15705536	ADCY2	0.00109683	0.0682688	0.487958	-2.04936	0.00404486	0.25747	-3.88394	0.024139	0.388651	-2.573	0.36388	0.720389	-1.38814	2.13E-05	0.0494041	-20.2412
cg17604429	ADCY2	0.00120356	0.322928	0.771346	-1.29644	0.0658604	1.6901	1.6901	0.0135332	0.459726	-2.17521	0.476761	0.831965	-1.20197	0.000307244	0.225351	-4.43752
cg05921947	ADCY2	0.00214388	0.0122646	0.645303	-1.54966	0.00981068	0.632293	-1.58154	0.00498547	0.593414	-1.68516	0.0744205	0.756467	-1.32193	0.000766268	0.4889	-2.04541
cg07391392	ADCY2	0.00350911	0.010992	0.431373	-2.31818	0.602884	0.870821	-1.14834	0.544186	0.850641	-1.17558	0.244276	0.725417	-1.37852	0.000320635	0.215573	-4.6388
cg07176385	ADCY2	0.00355904	0.0491587	0.524942	-1.90497	0.997461	0.999087	-1.00091	0.102987	0.599343	-1.66849	0.0133825	0.415129	-2.40889	0.0001926	0.164996	-6.06074
cg17871403	ADCY2	0.0036047	0.840165	0.96854	-1.03248	0.123565	1.30218	1.30218	0.120839	0.766215	-1.30512	0.198818	0.806596	-1.23978	0.00261519	0.516981	-1.93431
cg26129110	ADCY2	0.0039225	0.045292	1.56389	1.56389	0.030855	1.63832	1.63832	0.0727781	1.47662	1.47662	0.097553	1.42475	1.42475	0.0758408	1.46924	1.46924
cg19606462	ADCY2	0.00479817	0.0577314	0.636492	-1.57111	0.139623	1.3975	1.3975	0.702286	1.08422	1.08422	0.594615	1.11973	1.11973	0.808344	0.950121	-1.0525
cg21633134	ADCY2	0.00580154	0.00141723	9.80478	9.80478	0.00901218	5.16098	5.16098	0.00883499	5.19439	5.19439	0.0108686	4.85802	4.85802	0.246715	1.81977	1.81977
ch.5.240336F	ADCY2	0.00667734	0.930893	0.959852	-1.04183	0.0991234	0.425664	-2.34927	0.270888	0.581847	-1.71867	0.000107252	0.0396439	-25.2246	0.444786	1.44487	1.44487
cg20759084	ADCY2	0.00678403	0.0142944	0.414805	-2.41077	0.535092	0.832804	-1.20076	0.65396	0.876845	-1.14045	0.000375895	0.190894	-5.23851	0.126552	0.61792	-1.61833
cg04907257	ADCY2	0.00749454	0.0489074	3.0092	3.0092	0.0265837	3.62422	3.62422	0.0983982	2.43016	2.43016	0.152002	2.12084	2.12084	0.040171	3.19487	3.19487
cg16253976	ADCY2	0.0115095	0.0495366	0.474811	-2.1061	0.0692235	0.508804	-1.96539	0.0427459	0.460579	-2.17118	0.00987636	0.338343	-2.95558	0.0297267	0.427233	-2.34065
cg16021428	ADCY2	0.0125716	0.0329142	6.76345	6.76345	0.0377463	6.33573	6.33573	0.10852	3.82385	3.82385	0.0715339	4.67289	4.67289	0.0169088	9.32253	9.32253
cg14116052	ADCY2	0.0169401	0.480646	0.897254	-1.11451	0.316638	0.85508	-1.16948	0.0319022	0.683687	-1.46266	0.753941	1.0487	1.0487	0.00225051	0.523776	-1.90921
cg09740671	ADCY2	0.0363708	0.304225	1.22246	1.22246	0.829581	1.04153	1.04153	0.822222	0.958407	-1.0434	0.961911	0.991026	-1.00906	0.82115	0.958156	-1.04367
cg10453337	ADCY2	0.0417651	0.0041276	0.122002	-8.19658	0.953642	0.968704	-1.03231	0.909216	0.93952	-1.06437	0.545659	1.39721	1.39721	0.182646	0.461398	-2.16733
cg21356293	ADCY3	0.00017876	3.74E-05	0.347221	-2.88001	0.000222659	0.440152	-2.27194	0.00307266	1.71797	1.71797	0.911686	1.01492	1.01492	0.0186511	0.683363	-1.46335
cg20227471	ADCY3	0.00254284	0.0256135	0.633509	-1.57851	0.227545	0.804071	-1.24367	4.56E-05	0.265374	-3.76826	0.24692	0.811863	-1.23174	0.00433606	0.518771	-1.92763
cg24428099	ADCY3	0.00421906	0.00199569	0.287233	-3.48149	0.441304	0.798953	-1.25164	0.0389003	0.504857	-1.98076	0.00119332	0.257252	-3.88723	0.001746	0.279252	-3.581
cg20518994	ADCY3	0.00691555	0.561065	1.1086	1.1086	0.00012274	3.24004	3.24004	0.749219	0.945293	-1.05787	0.33219	0.839047	-1.19183	0.696831	0.933625	-1.07109
cg23725394	ADCY3	0.011819	0.854822	1.02848	1.02848	0.476316	1.11744	1.11744	0.000940316	0.469295	-2.13086	0.348057	0.862323	-1.15966	0.00568984	0.573468	-1.74378
cg02353427	ADCY3	0.0190759	0.294516	0.850703	-1.1755	0.638047	0.931956	-1.07301	0.7111	0.946175	-1.05689	0.184489	0.81112	-1.23286	0.882436	0.978233	-1.02225
cg17644208	ADCY3	0.0271339	0.0519318	0.491621	-2.03409	0.862168	0.945735	-1.05738	0.596298	0.842276	-1.18726	0.0502373	0.48838	-2.04758	0.0278552	0.434092	-2.30366
cg25562925	ADCY3	0.0284936	0.0104228	0.487201	-2.05254	0.366594	0.813177	-1.22974	0.0142583	0.509698	-1.96194	0.00524669	0.440039	-2.27252	0.0717504	0.638744	-1.56557
cg21011133	ADCY3	0.0349395	0.0790036	0.313725	-3.1875	0.893309	1.08303	1.08303	0.541128	1.44442	1.44442	0.0125351	0.15789	-6.33352	?	?	?
cg14869721	ADCY3	0.0367165	0.872081	1.04223	1.04223	0.557477	0.85876	-1.16447	0.567214	1.16002	1.16002	0.473983	1.20551	1.20551	0.00265259	0.343994	-2.90702
cg18384228	ADCY4	4.36E-05	0.000680894	3.4665	3.4665	9.91E-06	0.102983	-9.71034	5.72E-05	0.167227	-5.9799	0.292447	1.29895	1.29895	0.000194346	0.2228	-4.48833
cg07485357	ADCY4	0.000768521	0.51333	0.857838	-1.16572	0.966275	0.990268	-1.00983	0.02247	0.531317	-1.88212	0.228887	1.33922	1.33922	0.369523	1.2376	1.2376
cg16761581	ADCY4	0.00217011	0.953995	0.98884	-1.01129	5.65E-05	4.28551	4.28551	0.906716	0.977454	-1.02307	0.560839	0.891902	-1.1212	0.838504	0.96108	-1.0405
cg19707326	ADCY4	0.00284522	0.582075	1.19399	1.19399	0.0655923	0.517301	-1.93311	0.000828087	0.200705	-4.98245	0.222626	1.50502	1.50502	0.00339929	0.280803	-3.56122
cg09822192	ADCY4	0.00445524	0.0011602	3.59504	3.59504	0.794672	1.07245	1.07245	0.00304131	0.336585	-2.97102	0.408156	1.2547	1.2547	0.0604989	0.566852	-1.76413
cg16106068	ADCY4	0.00632804	0.571103	0.84742	-1.18005	0.0755282	0.56427	-1.7722	0.058754	0.539313	-1.85421	0.501673	0.821005	-1.21802	0.000523617	0.209372	-4.77618
cg23179456	ADCY4	0.00646585	0.287311	0.790423	-1.26515	9.91E-05	4.35304	4.35304	0.725686	1.07787	1.07787	0.786405	0.943819	-1.05952	0.452503	0.849656	-1.17695
cg05185634	ADCY4	0.0168635	0.121476	1.47568	1.47568	0.00641974	2.27444	2.27444	0.713617	0.918116	-1.08919	0.643845	0.897714	-1.11394	0.0953793	0.654005	-1.52904
cg01700524	ADCY4	0.0181451	0.128415	0.747619	-1.33758	0.945581	0.987991	-1.01215	0.376326	0.85156	-1.17432	0.336302	1.1918	1.1918	0.00166551	0.45112	-2.21671
cg09273482	ADCY4	0.0232239	0.0155017	0.536824	-1.86281	0.116035	0.699162	-1.43028	0.337296	0.812809	-1.2303	0.0487758	0.624065	-1.6024	0.00114971	0.367479	-2.72124
cg04884798	ADCY4	0.0360454	0.0259281	0.282518	-3.5396	0.0110257	0.217764	-4.59213	0.0244831	0.277702	-3.60098	0.871157	1.08069	1.08069	0.133003	0.46076	-2.17033
cg25556905	ADCY4	0.0477507	0.00292205	0.234731	-4.2602	0.860518	0.939559	-1.06433	0.727872	1.13182	1.13182	0.0296072	0.403407	-2.47889	0.476876	1.29225	1.29225
cg02978184	ADCY5	2.97E-05	0.262877	0.816017	-1.22546	4.21E-06	0.156735	-6.38019	4.87E-05	0.264424	-3.78181	0.160361	1.29853	1.29853	0.0485883	1.48053	1.48053
cg14567877	ADCY5	0.000637162	0.144355	0.697801	-1.43307	5.85E-05	5.51823	5.51823	0.0013686	2.9034	2.9034	0.107122	0.667915	-1.4972	0.58137	1.13631	1.13631
cg13592780	ADCY5	0.00774278	0.093503	1.73021	1.73021	0.176538	1.53265	1.53265	0.983823	0.993992	-1.00604	0.455311	1.25358	1.25358	0.00486959	0.329768	-3.03243
cg14696064	ADCY5	0.00790153	0.990881	0.998454	-1.00155	0.0589541	1.3347	1.3347	0.119348	1.25709	1.25709	0.194917	0.830609	-1.20394	0.000427268	0.470066	-2.12736
cg20789595	ADCY5	0.0141409	0.25042	0.784301	-1.27502	0.248177	1.27663	1.27663	0.029548	0.595505	-1.67925	0.00412749	0.459263	-2.1774	0.889409	1.02855	1.02855
cg08598988	ADCY5	0.0208869	0.463221	0.886036	-1.12862	0.0155438	0.618241	-1.61749	0.0498015	0.69587	-1.43705	0.790016	1.0442	1.0442	0.980072	0.995961	-1.00406
cg04138502	ADCY5	0.0217203	0.26471	1.27826	1.27826	0.0112874	0.511609	-1.95462	0.505152	1.15351	1.15351	0.0138178	1.90147	1.90147	0.122929	1.42329	1.42329
cg11803871	ADCY5	0.0275038	0.261202	0.632932	-1.57995	0.0238691	0.349112	-2.86441	0.173178	0.567924	-1.7608	0.155232	0.552276	-1.81069	0.0167865	0.320071	-3.1243
cg27182923	ADCY5	0.0369325	0.0226436	0.421209	-2.37412	0.0661199	0.520435	-1.92147	0.0043535	0.299105	-3.34331	0.463679	0.789536	-1.26657	0.0219045	0.41843	-2.38989
cg11037512	ADCY6	7.70E-06	0.000509259	0.301322	-3.31871	0.0556286	0.619287	-1.61476	0.0286457	0.5653	-1.76897	0.0506818	0.611424	-1.63553	3.19E-05	0.167025	-5.98714
cg11422541	ADCY6	0.000265163	2.53E-05	0.428872	-2.3317	0.00595316	0.694811	-1.43924	0.0189654	0.750028	-1.33328	0.0503491	1.2534	1.2534	0.382403	0.913294	-1.09494
cg27279809	ADCY6	0.0165151	0.736235	0.968567	-1.03245	0.0404552	1.25053	1.25053	0.0323635	1.26704	1.26704	0.0347535	0.792554	-1.26174	0.00967634	0.733993	-1.36241
cg22689690	ADCY6	0.0389711	0.788457	0.942546	-1.06096	0.0141486	1.94673	1.94673	0.0302056	1.75196	1.75196	0.935622	0.982383	-1.01793	0.766182	1.06782	1.06782
cg15527678	ADCY6;ADCY6	3.57E-05	0.482801	1.0651	1.0651	0.00313901	0.699744	-1.42909	0.466466	0.936573	-1.06772	0.0138588	1.3085	1.3085	4.06E-06	0.388514	-2.57391
cg15056189	ADCY6;ADCY6	0.002405	0.0132764	0.500992	-1.99604	0.00961871	0.477946	-2.09229	0.150181	0.706501	-1.41543	0.00562566	0.441029	-2.26743	0.000387557	0.279499	-3.57784
cg08830520	ADCY6;ADCY6	0.00267495	0.952102	0.987366	-1.0128	0.0482664	0.613935	-1.62884	0.0289336	0.571462	-1.7499	0.498497	0.864352	-1.15694	6.78E-05	0.180681	-5.53463
cg13851211	ADCY7	0.00560961	0.42918	1.15388	1.15388	0.000477306	2.64439	2.64439	0.0217443	1.62988	1.62988	0.0348022	1.54698	1.54698	0.610051	1.09551	1.09551
cg23580000	ADCY7	0.0312903	0.585329	1.19546	1.19546	0.0388669	2.17049	2.17049	0.0629851	1.96949	1.96949	0.743415	0.899032	-1.11231	0.0205426	0.404856	-2.47001
cg05362860	ADCY7	0.0428354	0.031687	0.55573	-1.79944	0.18609	1.38678	1.38678	0.00738675	0.447037	-2.23695	0.0406523	0.576197	-1.73552	0.123666	0.677773	-1.47542
cg06466348	ADCY7	0.0478739	0.804052	0.937686	-1.06645	0.97517	1.00809	1.00809	0.248453	0.731798	-1.3665	0.0679301	0.589093	-1.69752	0.00427066	0.371791	-2.68968
cg06897661	ADCY7;ADCY7	0.00385909	0.856408	0.952576	-1.04978	0.191061	1.44967	1.44967	0.00347659	2.89742	2.89742	0.580327	1.1616	1.1616	0.0138794	0.442451	-2.26014
cg07312654	ADCY8	2.02E-05	0.831513	1.03053	1.03053	3.06E-05	3.15632	3.15632	0.000152168	2.50197	2.50197	0.581369	0.924403	-1.08178	0.685519	0.944157	-1.05915
cg07557260	ADCY8	3.78E-05	0.605871	1.14605	1.14605	0.00135809	3.38071	3.38071	0.00234793	3.04018	3.04018	0.0625595	1.73136	1.73136	0.128475	0.650295	-1.53776
cg26332560	ADCY8	5.37E-05	0.12967	1.43699	1.43699	0.667785	1.10034	1.10034	0.311625	1.26088	1.26088	0.0824802	1.53102	1.53102	0.905098	1.02676	1.02676
cg01245966	ADCY8	5.97E-05	0.10144	0.813866	-1.2287	0.279516	1.13783	1.13783	0.292531	1.13362	1.13362	0.339406	1.11973	1.11973	0.361824	1.11366	1.11366
cg26351229	ADCY8	0.000177678	0.116341	1.31897	1.31897	0.133972	1.2998	1.2998	0.0147488	1.62724	1.62724	0.0343791	1.49239	1.49239	0.525392	1.11005	1.11005
cg07851738	ADCY8	0.000323797	0.243123	0.779017	-1.28367	0.231712	1.29235	1.29235	0.0303757	0.594317	-1.6826	0.576253	0.890976	-1.12236	0.593388	0.895665	-1.11649
cg22762091	ADCY8	0.000420142	0.56697	1.10122	1.10122	0.783407	0.955131	-1.04698	0.841026	1.03403	1.03403	0.775147	0.953406	-1.04887	0.82836	0.964472	-1.03684
cg02842496	ADCY8	0.000876369	0.798494	0.935981	-1.0684	0.416093	1.2398	1.2398	0.93114	1.0226	1.0226	0.254025	1.36075	1.36075	0.853646	1.04891	1.04891
cg22304522	ADCY8	0.00336438	0.318381	0.626222	-1.59688	0.747842	0.863817	-1.15765	0.0186795	0.274242	-3.64641	0.714222	0.846267	-1.18166	0.00205319	0.139299	-7.17881
cg17047106	ADCY8	0.00883693	0.0289035	0.425988	-2.34748	0.33968	1.38539	1.38539	0.175589	1.6114	1.6114	0.1554	1.65467	1.65467	0.00198655	0.235344	-4.24911
cg23815646	ADCY8	0.017825	0.0675029	0.323118	-3.09484	0.367081	0.5999	-1.66695	0.107598	2.63385	2.63385	0.0987127	2.71418	2.71418	0.0891501	0.355635	-2.81187
cg16696270	ADCY8	0.0371887	0.233582	0.809313	-1.23562	0.480053	1.12932	1.12932	0.868438	1.02848	1.02848	0.240282	0.811975	-1.23157	0.240594	1.23138	1.23138
cg03120091	ADCY8;ADCY8	0.0267603	0.974537	0.992928	-1.00712	0.0832121	0.652827	-1.5318	0.251313	0.766056	-1.30539	0.0226375	0.545061	-1.83466	0.283362	0.780486	-1.28125
cg06541349	ADCY9	0.000283214	0.00320628	0.684489	-1.46094	7.82E-05	1.96091	1.96091	0.0529536	1.23029	1.23029	0.00516622	0.706148	-1.41613	0.0845293	0.835442	-1.19697
cg09947844	ADCY9	0.000384911	0.0441205	0.504525	-1.98206	0.000262731	0.169604	-5.89609	0.00110244	0.240987	-4.14961	0.0168521	0.422075	-2.36925	0.054404	0.52432	-1.90723
cg04903429	ADCY9	0.000386734	0.00255522	0.678548	-1.47374	0.0732569	0.831006	-1.20336	0.0104688	1.348	1.348	0.368298	0.917926	-1.08941	0.00012492	0.53821	-1.85801
cg09053902	ADCY9	0.000646229	0.450204	0.896457	-1.1155	0.567553	1.08555	1.08555	0.000127149	2.57864	2.57864	0.203763	0.826495	-1.20993	0.00542457	1.68176	1.68176
cg07906046	ADCY9	0.000709795	0.00688516	0.555949	-1.79873	0.0498306	1.45558	1.45558	0.611577	0.917653	-1.08974	0.244945	0.815387	-1.22641	0.00544207	0.541371	-1.84716
cg11637718	ADCY9	0.000905365	0.0713553	0.701006	-1.42652	0.00337933	2.01998	2.01998	0.0115923	0.573093	-1.74492	0.4676	0.877766	-1.13926	3.68E-05	0.246524	-4.0564
cg10487659	ADCY9	0.00118443	0.00705692	0.413249	-2.41985	0.612394	0.878391	-1.13845	0.00993227	0.437594	-2.28522	0.162418	0.684888	-1.46009	0.00405436	0.375577	-2.66257
cg27014608	ADCY9	0.00187413	0.00012609	0.254576	-3.9281	0.119497	0.707351	-1.41373	0.00900149	0.506297	-1.97512	0.147893	0.727489	-1.37459	0.00167398	0.398131	-2.51174
cg13574337	ADCY9	0.00188153	0.113342	1.50162	1.50162	0.135776	1.46127	1.46127	0.00731066	2.26153	2.26153	0.00211267	2.77265	2.77265	0.00868898	2.20134	2.20134
cg08707753	ADCY9	0.00236272	0.390029	0.77029	-1.29821	0.562036	0.840543	-1.18971	0.998148	0.999312	-1.00069	0.0434025	1.99032	1.99032	0.729546	1.10831	1.10831
cg02374107	ADCY9	0.00295454	0.00961013	0.307535	-3.25166	0.00247637	0.214833	-4.65479	0.0118692	0.323979	-3.08662	0.0161342	0.348966	-2.8656	0.0296403	0.402599	-2.48386
cg05460776	ADCY9	0.00333288	0.668758	0.963317	-1.03808	0.226862	1.11647	1.11647	0.613606	0.956752	-1.0452	0.0782488	0.843774	-1.18515	0.101839	1.16824	1.16824
cg16774375	ADCY9	0.00340834	0.00143237	0.335	-2.98507	0.000634347	0.287949	-3.47284	0.0115723	0.472899	-2.11462	0.06629	0.6135	-1.62999	0.000717301	0.29482	-3.39191
cg00701890	ADCY9	0.00341161	0.000199713	0.282989	-3.53371	0.293533	0.802323	-1.24638	0.160939	0.738837	-1.35348	0.299825	0.80478	-1.24258	0.000405092	0.320993	-3.11533
cg06170425	ADCY9	0.00404988	0.0574006	0.376203	-2.65814	0.00293672	0.155967	-6.41162	0.0168401	0.265398	-3.76793	0.0209355	0.282579	-3.53884	0.20223	0.542038	-1.84489
cg08834938	ADCY9	0.00436748	0.00220768	0.579242	-1.7264	0.619423	1.0658	1.0658	0.958059	1.00672	1.00672	0.0398019	0.738969	-1.35324	0.000487228	0.49872	-2.00513
cg09340615	ADCY9	0.00494306	0.752914	1.07315	1.07315	0.730167	0.925523	-1.08047	0.305076	1.26796	1.26796	0.0464493	1.66504	1.66504	0.000714392	0.316069	-3.16386
cg00834536	ADCY9	0.00602413	0.298094	1.24333	1.24333	0.0798218	0.675356	-1.4807	0.0111474	0.526025	-1.90105	0.0563183	1.54711	1.54711	0.0647012	0.657726	-1.52039
cg00036258	ADCY9	0.00639683	0.606636	0.942259	-1.06128	0.0146893	0.708957	-1.41052	0.118086	1.21449	1.21449	0.439949	1.09439	1.09439	0.00127291	0.583773	-1.713
cg00061520	ADCY9	0.00641802	0.00362606	0.334799	-2.98687	0.00599324	0.368477	-2.71387	0.456924	0.810105	-1.23441	0.24196	0.711466	-1.40555	0.000384356	0.206985	-4.83126
cg08021727	ADCY9	0.00767302	0.00947426	0.222202	-4.50041	0.019213	0.273596	-3.65503	0.0356214	0.326596	-3.06189	0.517565	0.740685	-1.3501	0.000541731	0.0853737	-11.7132
cg27066052	ADCY9	0.00869588	0.121013	0.783065	-1.27703	0.00697156	0.601917	-1.66136	0.0159307	0.650956	-1.5362	0.510891	0.907565	-1.10185	0.0094564	1.61336	1.61336
cg08445323	ADCY9	0.0122986	0.665377	0.909908	-1.09901	0.0367626	0.590734	-1.69281	0.6281	0.899508	-1.11172	0.0711749	0.645781	-1.54851	0.000582478	0.315398	-3.17059
cg09032423	ADCY9	0.0151994	0.451583	0.86067	-1.16189	0.00127649	2.507	2.507	0.211052	0.772758	-1.29407	0.849817	0.963595	-1.03778	0.543923	1.12769	1.12769
cg02676523	ADCY9	0.0158523	0.881887	1.01653	1.01653	0.102821	0.821298	-1.21759	0.634302	0.948514	-1.05428	0.115302	1.20787	1.20787	0.789827	0.970963	-1.02991
cg01091261	ADCY9	0.0161234	0.332855	0.821108	-1.21787	0.031961	0.609026	-1.64196	0.356522	0.82935	-1.20576	0.241284	0.785037	-1.27383	0.624737	1.10216	1.10216
cg08098950	ADCY9	0.0210555	0.468323	1.37262	1.37262	0.0408813	2.75395	2.75395	0.0566464	2.52463	2.52463	0.0421489	2.73161	2.73161	0.640427	0.817154	-1.22376
cg07559526	ADCY9	0.0327637	0.59529	1.32168	1.32168	0.0642916	0.339088	-2.94909	0.0190366	0.22838	-4.37867	0.273417	0.552688	-1.80934	0.392126	1.57792	1.57792
cg04993286	ADCY9	0.0344502	0.206947	0.73401	-1.36238	0.0376183	1.75131	1.75131	0.210751	1.3585	1.3585	0.953213	0.98646	-1.01373	0.421221	0.826211	-1.21034
cg05927578	ADCY9	0.0375965	0.636728	0.917306	-1.09015	0.543392	1.11807	1.11807	0.104827	0.724984	-1.37934	0.214273	1.26773	1.26773	0.00244226	0.465273	-2.14927
cg09152120	ADCY9	0.0423218	0.597844	0.915269	-1.09258	0.452969	0.880594	-1.1356	0.305614	1.19295	1.19295	0.86822	1.028	1.028	0.284977	0.83134	-1.20288
cg01174786	ADCY9	0.0445413	0.327096	0.770599	-1.29769	0.0537471	1.75795	1.75795	0.470988	0.827881	-1.2079	0.913602	1.02835	1.02835	0.0108727	0.438828	-2.2788
cg02910037	ADCY9	0.0472481	0.00253528	0.338459	-2.95456	0.117451	0.644275	-1.55213	0.274275	1.34194	1.34194	0.20169	0.705693	-1.41705	0.0590345	0.576261	-1.73532
cg16812352	ADCY9	0.0492726	0.0144048	0.177683	-5.62801	0.265086	1.94512	1.94512	0.828631	1.13222	1.13222	0.801292	0.86549	-1.15541	0.00802614	0.14288	-6.99886
cg11859607	ADCYAP1;ADCYAP1	2.29E-05	0.180698	1.32902	1.32902	6.24E-06	7.54583	7.54583	0.00112678	2.60991	2.60991	0.757032	1.06407	1.06407	0.0689108	0.665395	-1.50287
cg11773720	ADCYAP1;ADCYAP1	7.02E-05	0.177618	1.3287	1.3287	0.448726	0.858009	-1.16549	0.000213262	3.41088	3.41088	4.16E-05	4.7054	4.7054	0.585473	0.896506	-1.11544
cg10384245	ADCYAP1;ADCYAP1	0.000204231	0.637359	1.1385	1.1385	0.460482	0.814425	-1.22786	0.0115993	2.36807	2.36807	0.942696	0.980553	-1.01983	0.108313	0.619668	-1.61377
cg11402363	ADCYAP1;ADCYAP1	0.00140337	0.000158335	8.41724	8.41724	0.00874341	3.00866	3.00866	0.129941	1.71505	1.71505	0.550661	1.22031	1.22031	0.782366	1.09562	1.09562
cg22388954	ADCYAP1;ADCYAP1	0.00167283	0.690708	1.11502	1.11502	0.0564474	1.80028	1.80028	0.00261254	3.11059	3.11059	0.448157	0.810231	-1.23422	0.289328	0.741254	-1.34907
cg19962990	ADCYAP1;ADCYAP1	0.00261228	0.000333764	20.3382	20.3382	0.261684	0.543789	-1.83895	0.646332	0.786258	-1.27185	0.0980749	0.388893	-2.5714	0.0434071	0.2985	-3.35009
cg16457786	ADCYAP1;ADCYAP1	0.00269303	0.827536	1.13023	1.13023	0.510175	0.687417	-1.45472	0.0618627	3.25386	3.25386	?	?	?	0.211455	0.477769	-2.09306
cg00067606	ADCYAP1;ADCYAP1	0.00449112	0.029884	0.442652	-2.25911	0.000432108	5.90365	5.90365	0.0298562	2.25953	2.25953	0.0586337	1.97646	1.97646	0.531298	0.816887	-1.22416
cg17059658	ADCYAP1;ADCYAP1	0.00596761	0.538464	0.822876	-1.21525	0.103885	1.74475	1.74475	0.135196	1.65542	1.65542	0.694082	1.13171	1.13171	0.870756	0.950311	-1.05229
cg15458338	ADCYAP1;ADCYAP1	0.00687167	0.186307	0.939821	-1.06403	0.19211	1.06307	1.06307	0.000558876	1.26757	1.26757	0.877734	0.993204	-1.00684	0.0713417	1.09332	1.09332
cg18319029	ADCYAP1;ADCYAP1	0.0111022	0.516492	1.08698	1.08698	0.0371942	1.35893	1.35893	0.706124	1.0492	1.0492	0.0279808	1.38985	1.38985	0.0422673	0.743328	-1.3453
cg14200170	ADCYAP1;ADCYAP1	0.0129452	0.191526	0.491554	-2.03437	0.00969608	5.36929	5.36929	0.67016	1.24615	1.24615	0.213435	0.510226	-1.95992	0.527076	0.719542	-1.38977
cg14908653	ADCYAP1;ADCYAP1	0.0165275	0.00325933	0.192842	-5.1856	0.572727	1.26346	1.26346	0.00252903	0.17907	-5.5844	0.899394	0.949427	-1.05327	0.96347	0.981384	-1.01897
cg14489474	ADCYAP1;ADCYAP1	0.0217217	0.00278011	12.1048	12.1048	0.478825	1.54547	1.54547	0.00786583	7.86037	7.86037	0.880465	1.09525	1.09525	0.0647721	3.50484	3.50484
cg13940693	ADCYAP1;ADCYAP1	0.0228256	0.90566	0.951257	-1.05124	0.0695933	2.35229	2.35229	0.140063	1.95254	1.95254	0.586566	1.26041	1.26041	0.815284	1.10366	1.10366
cg04105966	ADCYAP1;ADCYAP1	0.0248367	0.846307	0.872665	-1.14592	0.00350049	16.1229	16.1229	0.212216	2.51499	2.51499	0.872869	0.89369	-1.11896	0.318585	0.485051	-2.06164
cg11850773	ADCYAP1;ADCYAP1;ADCYAP1	6.63E-05	0.0147777	0.582015	-1.71817	0.0848078	1.41044	1.41044	0.0901597	1.4007	1.4007	0.802885	0.955875	-1.04616	0.0466653	0.662978	-1.50835
cg25195987	ADCYAP1R1	0.000727744	0.0150663	0.507548	-1.97026	0.82753	1.05078	1.05078	9.39E-05	0.205823	-4.85854	0.383461	0.816379	-1.22492	0.00847874	0.466336	-2.14438
cg18421840	ADCYAP1R1	0.0129277	0.00979698	0.612242	-1.63334	0.0121625	1.59921	1.59921	0.42634	1.12979	1.12979	0.40383	0.879552	-1.13694	0.0230329	0.664705	-1.50443
cg03447880	ADCYAP1R1	0.0255685	0.0354072	0.417593	-2.39468	0.1127	0.540342	-1.85068	0.26486	0.660821	-1.51327	0.573351	1.22489	1.22489	0.00756502	0.293787	-3.40383
cg17822807	ADCYAP1R1	0.034914	0.0634814	0.580086	-1.72388	0.0662178	0.584076	-1.71211	0.00183009	0.3149	-3.17561	0.317852	0.7638	-1.30924	0.0662593	0.584135	-1.71193
cg24084459	ADD1;ADD1;ADD1;ADD1	0.000568936	0.496326	1.12444	1.12444	0.000362697	2.63967	2.63967	0.0042758	0.522566	-1.91363	0.427889	0.871583	-1.14734	0.196357	0.792964	-1.26109
cg10733616	ADD1;ADD1;ADD1;ADD1	0.0024999	0.000210443	1.74276	1.74276	0.0105984	0.749694	-1.33388	0.0193537	0.776095	-1.2885	0.0113604	1.3285	1.3285	0.585095	0.951788	-1.05065
cg12952128	ADD1;ADD1;ADD1;ADD1	0.00874379	0.419917	0.843441	-1.18562	0.1188	1.41882	1.41882	0.573555	0.889139	-1.12468	0.783756	0.944748	-1.05848	0.000243973	0.285665	-3.5006
cg01122304	ADD1;ADD1;ADD1;ADD1	0.0102573	0.951577	1.01836	1.01836	0.191322	1.51353	1.51353	0.744092	0.906532	-1.10311	0.415219	0.779203	-1.28336	0.137081	0.618937	-1.61567
cg07134632	ADD1;ADD1;ADD1;ADD1	0.0171832	0.0271441	0.337185	-2.96573	0.0220772	0.319488	-3.13001	0.927486	0.962869	-1.03856	0.407247	1.42247	1.42247	0.0250136	0.330082	-3.02955
cg27340057	ADD1;ADD1;ADD1;ADD1	0.0172126	0.0176302	0.735079	-1.3604	0.0610608	1.25235	1.25235	0.00627799	1.46161	1.46161	0.0914938	0.820292	-1.21908	0.052227	0.790278	-1.26538
cg06017699	ADD1;ADD1;ADD1;ADD1	0.0324314	0.685661	1.0659	1.0659	0.0166097	1.58211	1.58211	0.157253	1.26771	1.26771	0.806954	1.03914	1.03914	0.386159	1.1495	1.1495
cg17547420	ADD1;ADD1;ADD1;ADD1	0.0328429	0.0116197	0.614882	-1.62633	0.0117682	0.615662	-1.62427	0.250672	1.20328	1.20328	0.201647	1.23105	1.23105	0.184694	0.805017	-1.24221
cg04589118	ADD1;ADD1;ADD1;ADD1	0.0421469	0.56798	1.08327	1.08327	0.12093	0.792101	-1.26247	0.075833	0.760461	-1.31499	0.0271872	0.696072	-1.43663	0.0447194	0.726624	-1.37623
cg23921196	ADD2;ADD2;ADD2;ADD2;ADD2	4.06E-05	5.30E-05	0.280777	-3.56155	1.70E-05	0.226474	-4.41552	0.512777	0.894299	-1.11819	0.0204152	0.624826	-1.60044	0.00329565	0.509778	-1.96164
cg09364770	ADD2;ADD2;ADD2;ADD2;ADD2	0.000957075	0.53644	0.895977	-1.1161	0.00403028	0.507736	-1.96953	0.717339	0.938202	-1.06587	0.375031	0.852355	-1.17322	0.498614	1.1281	1.1281
cg03384579	ADD2;ADD2;ADD2;ADD2;ADD2	0.00412855	0.481338	1.3352	1.3352	0.349284	1.47574	1.47574	0.80539	0.905107	-1.10484	0.0230989	0.333805	-2.99576	0.748233	0.878035	-1.13891

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ch.5.236818R	7.43E-05	0.180252	-5.54778	0.000240284	0.235342	-4.24914	0.337789	1.26519	1.26519	0.906095	0.9723	-1.02849	14.5643	13.0698	0.797674	1
cg15019005	0.386714	0.846235	-1.18171	0.449062	1.15622	1.15622	0.0994046	0.711878	-1.40474	0.0513991	0.658797	-1.51792	11.9562	6.70458	0.498454	1
cg15705536	0.0317796	0.412877	-2.42203	0.213779	1.58424	1.58424	0.746685	0.892335	-1.12065	0.988246	1.00519	1.00519	11.4617	22.425	1.73913	1
cg17604429	0.0308317	0.524778	-1.90557	0.000233471	0.211823	-4.72092	0.00259926	0.346139	-2.88902	0.931581	0.978402	-1.02208	11.1623	11.4306	0.910252	1
cg05921947	0.0181499	0.668432	-1.49604	0.333218	0.869225	-1.15045	0.00494535	1.68647	1.68647	0.027892	0.694308	-1.44028	9.44842	2.95034	0.277562	1
cg07391392	0.000631414	0.250539	-3.9914	0.00904743	0.417157	-2.39718	0.351035	0.776518	-1.2878	0.0228815	0.488001	-2.04918	8.16745	8.98285	0.977631	1
cg07176385	0.00422797	0.333164	-3.00152	0.0344017	0.492564	-2.03019	0.00347053	0.320281	-3.12226	0.0309067	0.483214	-2.06948	8.13297	10.6092	1.15952	1
cg17871403	0.00785615	0.582797	-1.71586	0.000733195	0.443831	-2.25311	0.00665497	0.572692	-1.74614	0.227049	1.22232	1.22232	8.10197	3.21523	0.352752	1
cg26129110	0.150388	0.740687	-1.3501	0.00173768	2.38605	2.38605	0.00216867	2.31157	2.31157	0.0160125	0.563189	-1.7756	7.89891	4.74345	0.533795	1
cg19606462	0.155265	1.37741	1.37741	0.000876589	0.349753	-2.85916	0.000796307	0.344191	-2.90537	0.985803	0.996261	-1.00375	7.43138	5.21747	0.624077	1
cg21633134	0.0208475	3.95367	3.95367	0.0486541	3.04379	3.04379	0.00137369	9.91985	9.91985	0.0197294	4.0223	4.0223	7.01151	27.1293	3.43933	1
ch.5.240336F	0.45713	1.43011	1.43011	0.118124	0.448612	-2.2291	0.838302	1.10134	1.10134	0.53007	1.35054	1.35054	6.71302	23.7294	3.14207	1
cg20759084	0.317368	0.740038	-1.35128	0.297514	0.730102	-1.36967	0.0119054	2.49489	2.49489	0.24626	0.702447	-1.4236	6.68001	8.9756	1.19436	1
cg04907257	0.0189037	4.02607	4.02607	0.0003411	16.8831	16.8831	0.00476446	6.27109	6.27109	0.0250805	3.68957	3.68957	6.47548	24.6138	3.37873	1
cg16253976	0.00142312	0.215636	-4.63744	0.0428943	0.460909	-2.16963	0.124508	1.73815	1.73815	0.536803	0.812296	-1.23108	5.64936	9.8854	1.5554	1
cg16021428	0.0217395	8.25282	8.25282	0.00114311	39.0253	39.0253	0.00643751	15.104	15.104	0.0316389	6.89232	6.89232	5.48982	51.0372	8.26374	1
cg14116052	0.0293095	1.47441	1.47441	0.141158	0.787157	-1.2704	0.141994	1.26966	1.26966	0.110594	0.768795	-1.30074	4.97535	1.80214	0.321967	1
cg09740671	0.11039	0.720051	-1.38879	0.000700081	0.376907	-2.65317	0.945884	0.987267	-1.0129	0.393145	0.847781	-1.17955	3.8136	2.15241	0.501691	1
cg10453337	0.484888	0.678283	-1.47431	0.00395409	0.120032	-8.33114	0.88177	0.921829	-1.0848	0.313382	0.56536	-1.76878	3.62485	17.173	4.21118	1
cg21356293	0.808889	1.03288	1.03288	0.00042489	0.474643	-2.10684	0.124435	1.24871	1.24871	0.079971	0.771525	-1.29613	18.9384	5.34699	0.250966	1
cg20227471	0.582116	0.908758	-1.1004	0.0559004	0.688778	-1.45185	0.0889527	0.724007	-1.3812	0.0189363	0.613097	-1.63106	8.98697	4.21805	0.417202	1
cg24428099	0.0332112	0.490855	-2.03726	0.00204763	0.288783	-3.46281	0.264861	0.717358	-1.394	0.0512656	0.530214	-1.88603	7.72712	10.0003	1.15039	1
cg20518994	0.478501	0.881268	-1.13473	0.792009	1.04745	1.04745	0.111491	0.737797	-1.35539	0.392071	0.857433	-1.16627	6.64019	3.2361	0.4332	1
cg23725394	0.194484	0.810233	-1.23421	0.05252	1.40213	1.40213	0.744592	1.0514	1.0514	0.508132	0.902191	-1.10841	5.60102	2.08521	0.330926	1
cg02353427	0.0362625	1.43632	1.43632	0.0246993	1.48847	1.48847	0.0147625	1.5624	1.5624	0.00939446	0.612784	-1.6319	4.78061	1.67464	0.311376	1
cg17644208	0.647917	0.862761	-1.15907	0.00112594	0.214537	-4.66121	0.0522491	0.492218	-2.03162	0.97114	1.01168	1.01168	4.23431	6.913	1.45121	1
cg25562925	0.114368	0.681887	-1.46652	0.0288295	0.562868	-1.77662	0.846063	1.04429	1.04429	0.0710604	0.637886	-1.56768	4.16206	3.27682	0.69983	1
cg21011133	0.219192	0.463928	-2.15551	0.00777295	0.131135	-7.62574	0.0185363	0.183192	-5.45876	0.608914	0.735862	-1.35895	3.93243	19.5582	4.97356	1
cg14869721	0.244959	1.36637	1.36637	0.0153891	2.1453	2.1453	0.817705	0.942462	-1.06105	0.866898	0.95786	-1.04399	3.8005	3.96519	0.927407	1
cg18384228	0.347521	1.26065	1.26065	0.784329	0.936417	-1.0679	0.00166044	0.340422	-2.93753	0.0630649	0.606115	-1.64985	27.5949	25.0621	0.807302	1
cg07485357	0.445375	1.19716	1.19716	0.15431	0.702775	-1.42293	1.17E-05	8.56409	8.56409	0.482653	1.17945	1.17945	12.6744	10.7406	0.753268	1
cg16761581	0.193561	1.30684	1.30684	0.095387	0.700193	-1.42818	0.00333118	2.17567	2.17567	0.536927	1.12933	1.12933	9.41488	5.64256	0.532732	1
cg19707326	0.00323919	0.277778	-3.59999	0.799014	1.08479	1.08479	0.00525009	0.309043	-3.2358	0.00841644	0.341823	-2.92549	8.69364	14.0094	1.43241	1
cg09822192	0.0210371	0.475053	-2.10503	0.24253	0.720354	-1.38821	0.781925	1.07726	1.07726	0.0658722	1.73926	1.73926	7.60073	8.65801	1.01253	1
cg16106068	0.110704	1.65314	1.65314	0.210919	1.46411	1.46411	0.00677462	0.362394	-2.75943	0.025145	0.46288	-2.16039	6.82587	9.04343	1.17767	1
cg23179456	0.591617	0.89111	-1.1222	0.558751	1.13414	1.13414	0.117689	1.43576	1.43576	0.507783	0.866726	-1.15377	6.78044	4.86631	0.637953	1
cg05185634	0.131611	0.685756	-1.45825	0.0170653	0.509679	-1.96202	0.0723158	0.628241	-1.59175	0.0755498	1.5817	1.5817	4.9829	4.23926	0.756232	1
cg01700524	0.00282341	0.482886	-2.07088	0.378418	0.85219	-1.17345	0.465788	1.14039	1.14039	0.248758	0.80785	-1.23785	4.86198	2.41213	0.440997	1
cg09273482	0.0366678	0.601312	-1.66303	0.095102	0.680963	-1.46851	0.535984	0.876948	-1.14032	0.034351	0.596216	-1.67724	4.4699	3.10753	0.617967	1
cg04884798	0.0736661	0.385477	-2.59419	0.0172347	0.249778	-4.00356	0.0233007	0.273605	-3.65491	0.100859	0.423563	-2.36092	3.82608	13.8491	3.21746	1
cg25556905	0.284601	1.48291	1.48291	0.225041	1.57097	1.57097	0.879756	1.05513	1.05513	0.775021	0.903411	-1.10692	3.44775	6.86108	1.76891	1
cg02978184	0.648753	0.92323	-1.08315	0.00191716	2.14952	2.14952	6.79E-05	0.280866	-3.56042	0.89563	0.977398	-1.02312	30.5491	14.6789	0.427112	1
cg14567877	0.00522459	0.42934	-2.32915	0.0212337	1.88801	1.88801	0.0766371	1.57129	1.57129	0.524069	1.15969	1.15969	13.3579	11.1396	0.741271	1
cg13592780	0.622218	1.15905	1.15905	0.000886909	0.227601	-4.39366	0.0730044	1.81177	1.81177	0.760926	0.913294	-1.09494	6.40965	8.96678	1.24351	1
cg14696064	0.0383596	1.38381	1.38381	0.985952	0.997619	-1.00239	0.15943	1.22573	1.22573	0.720636	1.04981	1.04981	6.36891	1.84838	0.257973	1
cg20789595	0.0524698	1.5622	1.5622	0.0227242	1.73609	1.73609	0.635892	1.10129	1.10129	0.0781641	0.673072	-1.48573	5.28247	3.42389	0.576144	1
cg08598988	0.0120228	0.601928	-1.66133	0.00618841	1.78343	1.78343	0.806011	0.960913	-1.04068	0.697316	0.938625	-1.06539	4.63557	1.92795	0.369692	1
cg04138502	0.865558	1.03643	1.03643	0.0393719	0.604485	-1.6543	0.119181	1.42924	1.42924	0.0876804	1.48902	1.48902	4.57396	3.23111	0.627923	1
cg11803871	0.00303371	0.20482	-4.88234	0.0271503	0.360293	-2.77552	0.581873	0.804856	-1.24246	0.0144958	0.308579	-3.24066	4.21422	10.17	2.14512	1
cg27182923	0.0541473	0.500355	-1.99858	0.0602522	0.510989	-1.95699	0.794299	1.08631	1.08631	0.119818	0.585851	-1.70692	3.79238	6.02883	1.41308	1
cg11037512	0.448401	1.18613	1.18613	0.0141735	0.51238	-1.95168	9.40E-08	0.0212793	-46.9939	0.126421	0.693982	-1.44096	43.4067	33.5594	0.687234	1
cg11422541	0.257928	0.88734	-1.12696	0.000386717	0.563719	-1.77393	0.0135507	1.36254	1.36254	0.0999652	1.20022	1.20022	17.0145	2.76246	0.144319	1
cg27279809	0.159537	0.867623	-1.15257	0.702204	0.96436	-1.03696	0.0349502	1.26132	1.26132	0.338019	1.09779	1.09779	5.01776	0.709203	0.125634	1
cg22689690	0.657703	0.906545	-1.10309	0.00900485	0.481592	-2.07644	0.22138	1.32687	1.32687	0.845321	0.957935	-1.04391	3.7186	2.85108	0.681518	1
cg15527678	0.0131372	1.31249	1.31249	0.000278935	1.6916	1.6916	0.359805	1.08681	1.08681	0.000213952	0.578878	-1.72748	29.0882	3.60193	0.110069	1
cg15056189	0.00134051	0.350001	-2.85714	0.0395186	0.584881	-1.70975	0.0945541	1.51273	1.51273	0.535854	0.868304	-1.15167	9.13552	7.3407	0.714252	1
cg08830520	0.00208901	0.379195	-2.63716	0.630573	0.902413	-1.10814	0.792726	1.05734	1.05734	0.433657	0.843978	-1.18487	10.4651	7.26923	0.540257	1
cg13851211	0.304587	1.2075	1.2075	0.00112329	2.34094	2.34094	0.0097329	1.78584	1.78584	0.0576479	1.4633	1.4633	7.08447	3.52885	0.442764	1
cg23580000	0.284943	1.4332	1.4332	0.00515883	3.30946	3.30946	0.381386	1.33767	1.33767	0.47221	1.26738	1.26738	4.02602	6.69537	1.47825	1
cg05362860	0.158652	0.703667	-1.42113	0.958682	1.01216	1.01216	0.55972	1.14748	1.14748	0.105781	0.662252	-1.51	3.59097	3.09417	0.765915	1
cg06466348	0.279455	0.747502	-1.33779	0.00861359	0.420189	-2.37988	0.074603	0.598069	-1.67205	0.13765	0.661138	-1.51254	3.44439	3.65421	0.943038	1
cg06897661	0.853498	1.05083	1.05083	0.000292267	4.87263	4.87263	0.0408048	1.88396	1.88396	0.531555	1.18529	1.18529	7.93775	9.04533	1.01292	1
cg07312654	0.242671	1.18837	1.18837	0.0379393	0.711997	-1.4045	0.000120744	2.58097	2.58097	1.39E-06	5.68711	5.68711	33.7936	10.6632	0.280481	1
cg07557260	0.940506	1.01974	1.01974	0.0145674	0.45473	-2.19911	2.88E-05	8.58981	8.58981	2.20E-06	20.8225	20.8225	28.6705	31.1466	0.965656	1
cg26332560	0.0405298	1.68849	1.68849	0.00607883	0.452365	-2.2106	5.48E-05	5.2782	5.2782	1.56E-06	14.6741	14.6741	26.1212	20.2879	0.690385	1
cg01245966	0.248825	0.870715	-1.14848	0.638406	1.05587	1.05587	0.128286	1.20782	1.20782	4.95E-07	5.0349	5.0349	25.4026	5.30664	0.185691	1
cg26351229	0.738006	1.05597	1.05597	0.000615151	0.425024	-2.35281	0.00266114	1.9624	1.9624	7.49E-06	4.94863	4.94863	18.9695	7.90796	0.370558	1
cg07851738	0.784917	1.05753	1.05753	0.133534	1.39218	1.39218	0.000628912	0.341449	-2.92869	7.26E-06	0.132211	-7.56367	16.1097	10.6654	0.588488	1
cg22762091	0.254051	0.820016	-1.21949	0.0531899	0.693521	-1.44192	0.000460929	2.50536	2.50536	1.29E-05	4.60301	4.60301	14.9956	6.59222	0.390766	1
cg02842496	0.109518	1.57025	1.57025	0.864012	0.956636	-1.04533	0.000109684	5.81995	5.81995	4.52E-05	7.35661	7.35661	12.2141	12.9378	0.941553	1
cg22304522	0.509822	0.738272	-1.35452	0.00103835	0.110324	-9.0642	0.00459515	0.180481	-5.54075	0.000696344	0.0955739	-10.4631	8.27095	26.9824	2.89983	1
cg17047106	0.207549	0.64388	-1.55308	0.625784	1.17681	1.17681	0.0082325	3.06371	3.06371	0.140176	0.591124	-1.69169	6.14792	10.6847	1.54483	1
cg23815646	0.11441	0.387918	-2.57787	0.0354086	3.86079	3.86079	0.00546455	7.50261	7.50261	0.564404	0.725197	-1.37894	4.89116	23.5608	4.28179	1
cg16696270	0.956522	1.00928	1.00928	0.0306781	0.650442	-1.53742	0.0299435	1.54136	1.54136	0.0086446	1.7632	1.7632	3.78284	1.71944	0.404032	1
cg03120091	0.024542	0.551248	-1.81406	0.600566	0.889167	-1.12465	0.00722983	2.16124	2.16124	0.344813	1.24155	1.24155	4.25495	3.33178	0.696033	1
cg06541349	0.408762	0.923472	-1.08287	0.000232252	1.77817	1.77817	0.790653	0.975241	-1.02539	0.457556	0.931195	-1.07389	16.7113	2.35011	0.125005	1
cg09947844	0.0001255	0.138608	-7.21459	6.51E-05	0.114239	-8.75355	0.0422022	0.500422	-1.99831	0.00173633	0.266794	-3.74822	15.3621	21.2901	1.2319	1
cg04903429	0.271855	0.899423	-1.11182	0.00262813	0.679818	-1.47098	0.0496856	0.812615	-1.23059	7.79E-05	0.515501	-1.93986	15.3421	2.08692	0.120911	1
cg09053902	0.000620138	0.473177	-2.11337	0.0171073	0.661728	-1.51119	0.0508781	1.37162	1.37162	0.945239	1.00981	1.00981	13.3053	4.25305	0.284135	1
cg07906046	0.00101414	0.441274	-2.26616	0.000623621	0.413507	-2.41834	0.00168642	2.12368	2.12368	0.24567	1.22599	1.22599	12.9604	5.7798	0.396409	1
cg11637718	0.360333	0.847146	-1.18043	0.342026	1.1885	1.1885	0.336384	1.19106	1.19106	0.266985	0.815469	-1.22629	12.1024	5.96384	0.438029	1
cg10487659	0.840418	1.0525	1.0525	4.22E-05	0.138481	-7.2212	0.00577402	0.399361	-2.504	0.005566	0.396853	-2.51983	11.2135	11.438	0.906689	1
cg27014608	0.00162117	0.396186	-2.52407	0.157119	0.733375	-1.36356	0.00526983	0.470506	-2.12537	0.0150679	0.542139	-1.84455	9.82599	6.5364	0.591303	1
cg13574337	0.0186736	1.95937	1.95937	0.147163	0.692783	-1.44345	0.000674273	3.41	3.41	0.0194734	0.513576	-1.94713	9.81474	8.65344	0.783714	1
cg08707753	0.043189	1.99212	1.99212	5.61E-05	0.108766	-9.19409	0.173287	1.53623	1.53623	0.721441	0.899355	-1.11191	9.18323	12.7693	1.236	1
cg02374107	0.00392464	0.243934	-4.09946	0.000272406	0.105891	-9.44367	0.00754035	0.289351	-3.45601	0.00266877	0.219403	-4.55783	10.1314	18.8341	1.44587	1
cg05460776	0.0199494	1.27622	1.27622	0.000119311	1.7937	1.7937	0.323141	1.09266	1.09266	0.0720187	0.839987	-1.19049	8.29421	0.990421	0.106143	1
cg16774375	0.591567	0.879434	-1.13709	0.189051	0.7189	-1.39101	0.0683776	0.616317	-1.62254	0.029784	0.545211	-1.83415	8.23894	7.34145	0.79206	1
cg00701890	0.761494	1.06347	1.06347	0.0692759	0.663117	-1.50803	0.175682	0.747473	-1.33784	0.0347532	0.608067	-1.64455	8.23657	5.32984	0.575195	1
cg06170425	0.00182818	0.133416	-7.49533	0.000516106	0.0850522	-11.7575	0.0675031	0.39386	-2.53897	0.00582164	0.193475	-5.16862	7.8232	25.634	2.91259	1
cg08834938	0.831552	1.02748	1.02748	0.0290906	1.38729	1.38729	0.363349	1.12626	1.12626	0.891308	0.982749	-1.01755	7.6467	1.96181	0.22805	1
cg09340615	0.168924	1.3877	1.3877	0.0385976	1.70841	1.70841	0.00362081	2.41136	2.41136	0.123904	1.45132	1.45132	7.36429	5.82814	0.703471	1
cg00834536	0.00302692	2.27173	2.27173	0.911213	0.977728	-1.02278	0.00713782	2.01696	2.01696	0.278194	1.25569	1.25569	6.93057	4.47541	0.574	1
cg00036258	0.756498	0.965008	-1.03626	0.00126288	0.58337	-1.71418	0.517182	1.0781	1.0781	0.305133	0.885498	-1.12931	6.80304	1.41296	0.184617	1
cg00061520	0.457519	0.810339	-1.23405	0.0380863	0.512596	-1.95085	0.625545	1.14649	1.14649	0.0519814	0.540875	-1.84886	6.79607	8.31648	1.08775	1
cg08021727	0.0485743	0.356701	-2.80347	0.00357471	0.164361	-6.08419	0.0742195	0.402437	-2.48486	0.0536044	0.366828	-2.72607	6.42788	21.3121	2.94717	1
cg27066052	0.123189	1.27492	1.27492	0.0176769	1.52148	1.52148	0.399649	1.13361	1.13361	0.668077	1.06475	1.06475	6.17933	2.07024	0.297801	1
cg08445323	0.00709965	0.470179	-2.12685	0.964706	1.00965	1.00965	0.283845	1.27325	1.27325	0.5403	0.874147	-1.14397	5.52918	4.12234	0.66272	1
cg09032423	0.032598	0.613071	-1.63113	0.155674	1.34607	1.34607	0.280167	1.24561	1.24561	0.0562302	0.655089	-1.52651	5.15811	3.12657	0.538797	1
cg02676523	0.912731	1.01217	1.01217	0.00035029	1.88483	1.88483	0.484825	1.08145	1.08145	0.232208	1.14821	1.14821	5.08665	0.980204	0.17129	1
cg01091261	0.250959	0.789248	-1.26703	0.000687939	2.78054	2.78054	0.518693	0.878895	-1.13779	0.943223	0.986045	-1.01415	5.05805	3.11868	0.54807	1
cg08098950	0.646738	1.21905	1.21905	0.0415694	2.74172	2.74172	0.00100026	8.14368	8.14368	0.0425284	2.72509	2.72509	4.62286	13.4894	2.59375	1
cg07559526	0.00570744	0.151721	-6.59105	0.0115687	0.193477	-5.16858	0.244059	0.530441	-1.88522	0.243851	0.530279	-1.8858	3.96026	16.9756	3.81021	1
cg04993286	0.00233618	0.372599	-2.68385	0.661756	1.1077	1.1077	0.537862	1.15596	1.15596	0.256541	0.759455	-1.31673	3.88933	3.32523	0.759965	1
cg05927578	0.441199	0.86719	-1.15315	0.0914132	1.40112	1.40112	0.138278	0.748605	-1.33582	0.390113	0.85233	-1.17325	3.76781	1.96441	0.463437	1
cg09152120	0.979353	0.995705	-1.00431	0.00178705	2.09456	2.09456	0.110053	0.748496	-1.33601	0.197863	1.25404	1.25404	3.6071	1.58034	0.389439	1
cg01174786	0.587605	0.868456	-1.15147	0.0193762	2.07151	2.07151	0.292411	1.32493	1.32493	0.32896	1.29631	1.29631	3.53907	3.7188	0.934031	1
cg02910037	0.269634	0.742885	-1.3461	0.712485	0.908737	-1.10043	0.865519	0.957123	-1.0448	0.0509722	0.56283	-1.77673	3.46154	3.66472	0.941064	1
cg16812352	0.566917	0.717811	-1.39312	0.145994	0.408985	-2.44508	0.418208	1.6062	1.6062	0.0571752	0.291527	-3.43021	3.40704	17.7066	4.61961	1
cg11859607	0.39326	1.19126	1.19126	0.0195864	0.56867	-1.75849	1.76E-06	10.9062	10.9062	0.935706	1.01628	1.01628	32.6852	20.7315	0.563804	1
cg11773720	0.0475556	0.637924	-1.56759	0.00792459	0.508922	-1.96494	1.70E-05	5.7568	5.7568	0.165469	0.745695	-1.34103	24.3279	15.1613	0.553962	1
cg10384245	0.310191	0.750612	-1.33225	0.0369757	0.515927	-1.93826	3.18E-06	20.42	20.42	0.746652	0.915257	-1.09259	18.2672	21.5908	1.05062	1
cg11402363	0.807052	0.922478	-1.08404	0.400948	0.753134	-1.32779	0.000142439	8.69841	8.69841	0.241518	1.49823	1.49823	10.6821	18.3981	1.53095	1
cg22388954	0.0637087	0.566962	-1.76379	0.119764	0.631591	-1.5833	0.000114018	6.32029	6.32029	0.148191	0.655566	-1.5254	10.155	11.9191	1.0433	1
cg19962990	0.277982	0.555901	-1.79888	0.565893	0.739298	-1.35264	0.00112451	12.1313	12.1313	0.710849	1.21386	1.21386	8.91589	38.252	3.81361	1
cg16457786	?	?	?	0.32798	0.567491	-1.76214	9.25E-05	50.1674	50.1674	0.144138	2.41179	2.41179	9.28485	36.0061	4.43193	1
cg00067606	0.624216	0.854298	-1.17055	0.441758	0.778664	-1.28425	0.00591009	3.15366	3.15366	0.730131	1.11677	1.11677	7.58226	12.2159	1.4321	1
cg17059658	0.662986	1.14712	1.14712	0.173828	0.635785	-1.57286	9.32E-05	8.86224	8.86224	0.892347	0.958502	-1.04329	6.95076	10.7855	1.37928	1
cg15458338	0.297854	1.04897	1.04897	0.0265533	0.890062	-1.12352	0.148479	1.07107	1.07107	0.0133424	1.14544	1.14544	6.65337	0.206778	0.0276255	1
cg18319029	0.90485	0.984952	-1.01528	0.0016759	0.56571	-1.76769	0.0665755	1.298	1.298	0.517155	0.920104	-1.08683	5.71546	1.45524	0.226325	1
cg14200170	0.104913	2.48464	2.48464	0.224105	0.518958	-1.92694	0.00153444	10.3963	10.3963	0.0747978	2.77114	2.77114	5.43764	22.7178	3.71367	1
cg14908653	0.128856	0.509976	-1.96088	0.0177509	0.306395	-3.26377	0.0943096	0.470169	-2.12689	0.0592117	0.417293	-2.3964	5.0165	13.3756	2.37006	1
cg14489474	0.437996	0.619811	-1.61339	0.499248	0.660527	-1.51394	0.0202141	5.43775	5.43775	0.166166	2.44185	2.44185	4.57386	26.483	5.14673	1
cg13940693	0.02109	3.21916	3.21916	0.711026	0.854837	-1.16981	0.000733793	8.69386	8.69386	0.092909	2.17968	2.17968	4.49663	12.6512	2.50088	1
cg04105966	0.792261	0.830885	-1.20354	0.0172011	0.130359	-7.67115	0.0270914	6.27436	6.27436	0.820448	1.173	1.173	4.36717	34.0728	6.93515	1
cg11850773	0.438133	0.867014	-1.15338	0.00305792	0.480987	-2.07906	1.47E-06	9.06551	9.06551	0.267851	0.811999	-1.23153	24.6997	12.7357	0.458328	1
cg25195987	0.168698	1.39505	1.39505	8.60E-05	0.201772	-4.95608	0.0963876	0.660728	-1.51348	0.137169	0.695275	-1.43828	12.8699	10.504	0.72548	1
cg18421840	0.207564	0.819006	-1.22099	0.564989	0.91631	-1.09133	0.726641	0.948634	-1.05415	0.00443268	0.565243	-1.76915	5.44004	1.94483	0.317781	1
cg03447880	0.593245	1.21192	1.21192	0.658346	1.17193	1.17193	0.622142	1.19374	1.19374	0.00325087	0.23914	-4.18165	4.32325	8.70216	1.78922	1
cg17822807	0.684619	1.11245	1.11245	0.0354896	0.527887	-1.89434	0.687136	1.11144	1.11144	0.360611	0.782492	-1.27797	3.87058	4.17501	0.958803	1
cg24084459	0.0730435	0.712128	-1.40424	7.73E-05	3.37139	3.37139	0.79722	0.957219	-1.04469	0.204551	1.25524	1.25524	13.7866	6.29592	0.405928	1
cg10733616	0.923367	0.991413	-1.00866	0.539035	1.05733	1.05733	0.33686	1.09281	1.09281	0.173785	1.13849	1.13849	9.03215	1.14915	0.113093	1
cg12952128	0.011354	0.519506	-1.9249	0.629271	0.904379	-1.10573	0.547066	1.13417	1.13417	0.893118	1.02816	1.02816	6.16859	4.17069	0.600992	1
cg01122304	0.303951	0.726909	-1.37569	0.72094	0.89812	-1.11344	0.000145766	0.141065	-7.08893	0.255393	0.700676	-1.42719	5.86275	8.33308	1.26343	1
cg07134632	0.136893	0.513734	-1.94653	0.0272278	0.337455	-2.96336	0.0154524	3.4386	3.4386	0.106341	0.480449	-2.08139	4.95169	13.5505	2.43248	1
cg27340057	0.171815	1.16772	1.16772	0.391242	1.09817	1.09817	0.28327	1.12619	1.12619	0.840837	1.02167	1.02167	4.94885	0.890636	0.159972	1
cg06017699	0.00423499	0.548563	-1.82294	0.0643174	1.3854	1.3854	0.69112	0.939286	-1.06464	0.908096	0.982052	-1.01828	3.97477	1.54836	0.346264	1
cg17547420	0.276324	0.839818	-1.19073	0.831139	0.967615	-1.03347	0.145433	0.785838	-1.27253	0.0935843	1.32883	1.32883	3.95683	1.48944	0.334597	1
cg04589118	0.150983	0.80793	-1.23773	0.0270416	1.4373	1.4373	0.373285	1.13503	1.13503	0.351969	0.87569	-1.14196	3.61264	1.09885	0.270372	1
cg23921196	0.0451674	0.679245	-1.47222	8.61E-05	0.305326	-3.27519	0.000297944	2.69327	2.69327	0.00126235	0.452899	-2.208	28.1241	12.6159	0.398738	1
cg09364770	0.00010833	0.30207	-3.3105	9.98E-05	0.297832	-3.35759	0.426003	0.867078	-1.1533	0.858175	1.03188	1.03188	11.9137	5.80897	0.433411	1
cg03384579	0.243696	1.63667	1.63667	0.0357673	2.68262	2.68262	0.00013951	0.0701356	-14.2581	0.573166	1.25851	1.25851	7.77792	20.0952	2.29656	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02674324	ADD2;ADD2;ADD2;ADD2;ADD2	0.0109585	0.00885442	0.629714	-1.58802	0.143271	1.24401	1.24401	0.0688725	0.753815	-1.32659	0.0444522	0.725875	-1.37765	0.26835	0.852118	-1.17355
cg08132931	ADD2;ADD2;ADD2;ADD2;ADD2	0.0142962	0.62045	1.05637	1.05637	0.94668	0.99268	-1.00737	0.380225	0.90585	-1.10394	0.0157447	1.38416	1.38416	0.00631541	1.47801	1.47801
cg05659187	ADD2;ADD2;ADD2;ADD2;ADD2	0.016617	0.0841918	1.26914	1.26914	0.0125135	1.47338	1.47338	0.0476866	1.32644	1.32644	0.247078	1.16298	1.16298	0.228848	1.17063	1.17063
cg13284981	ADD2;ADD2;ADD2;ADD2;ADD2	0.0281284	0.700579	0.9097	-1.09926	0.00190024	0.340377	-2.93792	0.0339839	0.545405	-1.8335	0.77798	0.933106	-1.07169	0.435334	0.822878	-1.21525
cg03756645	ADD2;ADD2;ADD2;ADD2;ADD2	0.0292836	0.0215906	0.262045	-3.81613	0.218263	0.533337	-1.87499	0.748179	0.85526	-1.16924	0.0387443	0.312928	-3.19562	0.0027256	0.134163	-7.45362
cg25631352	ADD2;ADD2;ADD2;ADD2;ADD2	0.0423962	0.0159583	2.00427	2.00427	0.0115704	2.10427	2.10427	0.0273635	1.84979	1.84979	0.175141	1.40463	1.40463	0.0647119	1.63051	1.63051
cg07711556	ADD3;ADD3;ADD3	0.00160585	0.137966	0.873244	-1.14515	0.456191	0.937634	-1.06651	0.000670972	1.55506	1.55506	0.07266	1.18522	1.18522	0.103778	0.85989	-1.16294
cg03962527	ADD3;ADD3;ADD3	0.00268005	0.158286	1.5701	1.5701	0.000342314	5.6109	5.6109	0.000473707	5.16567	5.16567	0.0131374	2.50892	2.50892	0.184971	1.52274	1.52274
cg14972654	ADD3;ADD3;ADD3	0.0143673	0.156145	0.655067	-1.52656	0.142564	0.644377	-1.55189	0.637981	1.14127	1.14127	0.414184	1.26206	1.26206	0.00559272	0.362588	-2.75795
cg18994606	ADD3;ADD3;ADD3	0.0242834	0.122417	0.67374	-1.48425	0.115945	1.49643	1.49643	0.119578	0.671364	-1.4895	0.026178	0.536688	-1.86328	0.116078	0.668374	-1.49617
cg02619834	ADD3;ADD3;ADD3	0.037581	0.646204	0.879867	-1.13653	0.088989	1.68101	1.68101	0.271636	0.728423	-1.37283	0.0947387	1.66279	1.66279	0.0160619	0.442246	-2.26118
cg03806087	ADH1A	0.000569776	5.81E-05	0.0858572	-11.6472	0.857434	1.06105	1.06105	0.00857128	0.331209	-3.01924	0.354372	0.730534	-1.36886	0.000470233	0.163483	-6.11685
cg23949936	ADH1A	0.00192218	0.000793299	0.0750824	-13.3187	0.00552885	0.155275	-6.44017	0.0161198	0.222246	-4.49951	0.104708	0.404211	-2.47395	0.00154309	0.0976292	-10.2428
cg01151642	ADH1B	0.00417876	0.00341414	0.167349	-5.97554	0.0404979	0.345401	-2.89518	0.0371533	0.337184	-2.96574	0.0127145	0.248771	-4.01977	0.000614865	0.0935074	-10.6943
cg16001323	ADH1B	0.0105151	0.00282972	0.043754	-22.855	0.0198418	0.117604	-8.50308	0.0364315	0.15712	-6.36455	0.0437145	0.171266	-5.83888	0.00500768	0.0592312	-16.883
cg24368912	ADH1B	0.038797	0.0101555	0.143395	-6.97376	0.0398027	0.240807	-4.15269	0.0329966	0.22455	-4.45336	0.180203	0.426334	-2.34558	0.0138978	0.161935	-6.17532
cg15785860	ADH1C	0.000105373	4.27E-05	0.106794	-9.36378	0.250732	0.708099	-1.41223	0.000256604	0.177085	-5.647	0.00072094	0.22768	-4.39212	5.01E-05	0.112131	-8.91812
cg03415545	ADH1C	0.00554018	0.000603894	0.0845822	-11.8228	0.00979228	0.217565	-4.59633	0.00253347	0.141259	-7.0792	0.0245105	0.286132	-3.49489	0.0183655	0.262811	-3.80501
cg01728552	ADH1C	0.0156823	0.00603676	0.295164	-3.38795	0.0250049	0.403645	-2.47742	0.0954839	0.536301	-1.86463	0.0823335	0.519593	-1.92458	0.00298884	0.250202	-3.99677
cg00689360	ADH1C	0.0186231	0.00145765	0.129597	-7.71622	0.327734	0.638261	-1.56676	0.0392889	0.346484	-2.88614	0.00632464	0.205927	-4.85609	0.0196008	0.285535	-3.5022
cg06045062	ADH5	0.00294629	0.803699	0.979631	-1.02079	0.781574	1.02323	1.02323	0.0209659	1.25799	1.25799	0.142951	0.878013	-1.13894	0.60008	0.957228	-1.04468
cg15443145	ADH5	0.0029908	0.958297	0.987564	-1.01259	0.685512	1.10233	1.10233	0.0299089	1.84292	1.84292	7.68E-05	0.180068	-5.55345	0.0398747	0.566377	-1.76561
cg13256891	ADH5	0.00344735	0.00775376	0.53686	-1.86268	0.533805	0.891698	-1.12146	0.97563	0.994459	-1.00557	0.634465	0.916562	-1.09103	0.000104411	0.287196	-3.48194
cg20533579	ADH5	0.00984685	0.080196	0.578766	-1.72781	0.327109	0.751994	-1.3298	0.0357821	0.502437	-1.9903	0.615185	0.866925	-1.1535	0.00183729	0.287464	-3.47869
cg18060627	ADH5	0.0461706	0.312385	0.639303	-1.5642	0.759586	1.14043	1.14043	0.668013	1.20287	1.20287	0.0769224	2.32122	2.32122	0.0263122	0.323688	-3.0894
cg06416885	ADH5;ADH5	0.0149945	0.0798402	0.500202	-1.99919	0.498782	0.782921	-1.27727	0.777972	0.904163	-1.106	0.544619	0.803695	-1.24425	0.000787198	0.163876	-6.10218
cg10099209	ADH6;ADH6	0.00188963	0.00421056	0.282067	-3.54525	0.841427	0.935992	-1.06838	0.0124955	0.358376	-2.79036	0.738494	0.895261	-1.11699	0.0155245	0.375248	-2.66491
cg25223878	ADH6;ADH6	0.0108292	0.109818	0.566341	-1.76572	0.0132923	0.367648	-2.71999	0.00165125	0.230132	-4.34533	0.0385504	0.45762	-2.18522	0.00306685	0.266484	-3.75257
cg08988543	ADH6;ADH6;ADH6;ADH6	0.0100267	0.0134645	0.163712	-6.10828	0.119369	0.368004	-2.71736	0.0122077	0.15771	-6.34076	0.0208014	0.192848	-5.18543	0.00347911	0.0957943	-10.439
cg06518271	ADH6;ADH6;ADH6;ADH6	0.0144914	0.00615653	0.229064	-4.36559	0.136648	0.516192	-1.93726	0.0710829	0.435387	-2.29681	0.0160536	0.296625	-3.37126	0.917765	1.04351	1.04351
cg09954820	ADH7;ADH7	5.71E-05	0.0974378	0.70209	-1.42432	0.00134259	0.404066	-2.47484	6.06E-05	0.236765	-4.2236	0.000227307	0.303713	-3.29258	3.57E-05	0.212117	-4.71439
cg14095316	ADH7;ADH7;ADH7	0.00270369	0.0456241	0.559326	-1.78787	0.362077	0.788605	-1.26806	0.0780917	0.6088	-1.64258	0.000169458	0.197585	-5.0611	0.0355629	0.537796	-1.85944
cg21779231	ADHFE1	1.28E-05	0.669792	0.938845	-1.06514	9.71E-06	4.05685	4.05685	0.288271	1.17607	1.17607	0.549995	1.09305	1.09305	0.499706	0.904122	-1.10605
cg03900851	ADHFE1	6.83E-05	0.320935	0.521631	-1.91707	0.000585494	29.15	29.15	0.0479644	0.238166	-4.19875	0.0144738	0.147763	-6.76759	0.0238177	0.18055	-5.53862
cg20295442	ADHFE1	0.000371415	0.443969	1.08542	1.08542	0.566866	1.06268	1.06268	0.00441904	0.670972	-1.49038	0.148449	1.17679	1.17679	7.16E-06	0.352954	-2.83323
cg08090772	ADHFE1	0.0101224	0.00524743	0.635798	-1.57283	0.370729	0.893096	-1.1197	0.0622882	0.772492	-1.29451	0.41987	1.10669	1.10669	0.00397472	0.621044	-1.61019
cg20794855	ADHFE1	0.0106766	0.14591	0.797204	-1.25438	0.104062	0.77259	-1.29435	0.0932525	0.76487	-1.30741	0.0612594	0.736266	-1.3582	0.456236	0.895689	-1.11646
cg16642695	ADHFE1	0.0227581	0.00912139	0.186953	-5.34895	0.0033659	0.132749	-7.533	0.0575427	0.337116	-2.96634	0.165556	0.472976	-2.11427	0.0261922	0.263072	-3.80125
cg23227555	ADI1	0.00112666	0.12866	0.637883	-1.56769	0.0326505	1.98269	1.98269	0.580888	1.16494	1.16494	3.13E-05	0.10826	-9.237	0.0218768	0.470896	-2.12361
cg01370334	ADI1	0.00255292	0.312917	0.784256	-1.27509	0.000267892	0.248461	-4.02478	0.112359	0.668676	-1.49549	0.21496	1.35516	1.35516	0.000542118	0.285926	-3.49741
cg17095749	ADI1	0.00308386	0.908846	1.01768	1.01768	0.571571	1.09141	1.09141	0.00342496	0.544223	-1.83748	0.00167061	0.502695	-1.98928	0.0636832	0.726901	-1.3757
cg13582724	ADI1	0.0035098	0.327537	0.853778	-1.17126	0.000177902	0.370301	-2.70051	0.00678127	1.73119	1.73119	0.156177	0.788773	-1.26779	0.0511133	0.706487	-1.41545
cg01109252	ADI1	0.00700617	0.249282	0.794201	-1.25913	0.0190517	0.580958	-1.72129	0.0136412	0.557755	-1.7929	0.488309	0.873961	-1.14422	0.000281973	0.321175	-3.11357
cg02808379	ADI1	0.00877632	0.114478	0.646442	-1.54693	0.00917378	0.431352	-2.31829	0.568523	1.15774	1.15774	0.719518	0.912432	-1.09597	0.000169023	0.196678	-5.08446
cg00924278	ADI1	0.00929776	0.905116	1.0258	1.0258	0.125014	0.70141	-1.4257	0.825378	0.953902	-1.04833	0.812928	0.950628	-1.05194	0.473823	0.855913	-1.16834
cg01808050	ADI1	0.0104478	0.928517	0.982249	-1.01807	0.114181	0.709636	-1.40917	0.483822	0.867592	-1.15262	0.805481	0.951943	-1.05048	0.000289494	0.307231	-3.25487
cg04392387	ADI1	0.0127503	0.788971	0.948346	-1.05447	0.000188223	0.287819	-3.4744	0.0188302	0.569748	-1.75516	0.369823	0.833534	-1.19971	0.489003	0.870262	-1.14908
cg10100318	ADI1	0.0164024	0.806148	1.07948	1.07948	0.948283	1.02038	1.02038	0.922166	0.970059	-1.03087	0.597274	1.18039	1.18039	0.000897196	0.213035	-4.69407
cg10209223	ADI1	0.0221406	0.296142	1.06676	1.06676	0.733671	0.979833	-1.02058	0.00112332	1.33123	1.33123	0.291649	1.06745	1.06745	0.227531	1.0785	1.0785
cg07737964	ADI1	0.0240545	0.178866	0.740569	-1.35031	0.966277	0.991148	-1.00893	0.692911	0.919915	-1.08706	0.304097	0.799442	-1.25087	0.000518883	0.320278	-3.12228
cg07653418	ADI1	0.0380864	0.189243	0.656708	-1.52275	0.478863	0.804379	-1.24319	0.278109	0.711042	-1.40639	0.022195	0.436481	-2.29105	0.00295364	0.291127	-3.43493
cg02610787	ADI1	0.0459532	0.0644969	0.778113	-1.28516	0.0410568	1.32947	1.32947	0.187467	1.18383	1.18383	0.20732	0.851606	-1.17425	0.0603019	1.29167	1.29167
cg02708922	ADI1	0.0459716	0.541619	1.18368	1.18368	0.0525529	0.54797	-1.82492	0.0410787	0.525566	-1.90271	0.803407	0.934193	-1.07044	0.00493929	0.362027	-2.76222
cg16212341	ADIG	0.00025159	9.24E-05	0.154535	-6.47104	0.244265	0.721858	-1.38531	0.802298	0.935082	-1.06943	0.000117357	0.164537	-6.07765	0.000139194	0.171894	-5.81753
cg23607622	ADIG	0.000672575	0.00130925	0.405742	-2.46462	0.0479027	1.54657	1.54657	0.00089532	0.383373	-2.60842	0.660203	0.918242	-1.08904	0.0012187	0.401486	-2.49075
cg10681525	ADIPOQ	0.000383793	0.00265578	0.706596	-1.41524	0.00458843	0.729596	-1.37062	5.79E-05	0.536438	-1.86415	0.146765	1.13896	1.13896	0.00269157	0.707162	-1.4141
cg05050884	ADIPOQ	0.000492184	0.237877	0.783436	-1.27643	0.0190031	1.75166	1.75166	0.00508723	2.07704	2.07704	0.000276092	3.23927	3.23927	0.75926	1.06256	1.06256
cg14584085	ADIPOQ	0.00240387	0.161074	0.70681	-1.41481	0.778408	0.936696	-1.06758	0.0879995	0.646325	-1.54721	0.0389965	0.574703	-1.74003	0.00192946	0.36155	-2.76587
cg06842886	ADIPOQ	0.00264617	0.0950763	0.720747	-1.38745	0.542827	0.895856	-1.11625	0.000128446	0.304616	-3.28282	0.0440466	0.661599	-1.51149	0.000463086	0.373997	-2.67382
cg22876327	ADIPOR1;ADIPOR1	0.000326499	0.0311286	0.594094	-1.68324	0.136925	1.39068	1.39068	0.0284579	0.587283	-1.70276	0.241402	0.77692	-1.28713	0.974741	0.993504	-1.00654
cg17218466	ADIPOR1;ADIPOR1	0.00173408	0.000396733	0.400964	-2.49399	0.876949	0.975203	-1.02543	0.00551307	0.553669	-1.80613	0.697222	0.938605	-1.06541	0.000625613	0.426396	-2.34524
cg12132617	ADIPOR1;ADIPOR1	0.00250764	0.320175	0.77704	-1.28693	0.0501258	0.577813	-1.73066	0.0263759	0.523779	-1.9092	0.314796	0.774705	-1.29081	4.03E-05	0.145842	-6.85675
cg24106215	ADIPOR1;ADIPOR1	0.015279	0.754793	0.971536	-1.0293	0.04731	1.23265	1.23265	0.644731	0.958109	-1.04372	0.225048	0.88919	-1.12462	0.013491	1.3256	1.3256
cg21262504	ADIPOR1;ADIPOR1	0.0331384	0.184825	0.766409	-1.30479	0.200792	0.774452	-1.29123	0.89296	1.02579	1.02579	0.179636	1.30945	1.30945	0.312174	0.820557	-1.21868
cg01723710	ADIPOR1;ADIPOR1;ADIPOR1	0.00442431	0.00227316	0.33136	-3.01787	0.0034531	0.362486	-2.75873	0.269255	1.30319	1.30319	0.0959642	1.53612	1.53612	0.0510935	1.69711	1.69711
cg15730680	ADIPOR1;ADIPOR1;ADIPOR1	0.0180876	0.700531	0.866076	-1.15463	0.370763	1.40769	1.40769	0.386344	1.39152	1.39152	?	?	?	0.814184	0.916129	-1.09155
cg25023057	ADIPOR1;ADIPOR1;ADIPOR1	0.0323892	0.0535162	0.760892	-1.31425	0.0991563	0.798304	-1.25265	0.653628	1.0579	1.0579	0.0156376	0.69121	-1.44674	0.73668	1.04295	1.04295
cg13686104	ADIPOR1;ADIPOR1;ADIPOR1	0.0365094	0.0145403	0.288382	-3.46762	?	?	?	0.578522	1.2609	1.2609	0.872755	1.06845	1.06845	?	?	?
cg03841784	ADIPOR2	0.00231931	0.018394	1.57704	1.57704	0.143409	1.28456	1.28456	0.778475	1.04594	1.04594	0.000731616	2.26497	2.26497	0.00457708	1.82438	1.82438
cg17407411	ADIPOR2	0.00292502	0.392843	0.808177	-1.23735	0.00180055	0.339525	-2.94529	0.0875696	0.632015	-1.58224	0.24833	1.34127	1.34127	0.370098	1.251	1.251
cg26565018	ADIPOR2	0.0089977	0.0276859	0.658346	-1.51896	0.0173011	1.59298	1.59298	0.144105	0.777238	-1.28661	0.212083	0.809698	-1.23503	0.00790263	0.578601	-1.72831
cg13904228	ADIPOR2	0.0123273	0.5213	1.10657	1.10657	0.0115744	1.63526	1.63526	0.0984428	1.32619	1.32619	0.00219655	0.512277	-1.95207	0.98099	1.00372	1.00372
cg13078969	ADIPOR2	0.0127776	?	?	?	0.109883	2.43622	2.43622	0.168458	2.07474	2.07474	0.0116408	0.147333	-6.78737	0.00392589	0.0742539	-13.4673
cg12193943	ADIPOR2	0.0148104	0.680113	0.909469	-1.09954	0.00236605	0.378907	-2.63917	0.0150171	0.504469	-1.98228	0.815301	0.947851	-1.05502	0.222489	1.34103	1.34103
cg19526779	ADIPOR2	0.0259805	0.83625	1.12321	1.12321	0.0555914	3.37973	3.37973	0.00997974	6.21205	6.21205	0.493879	0.677031	-1.47704	?	?	?
cg02075378	ADIPOR2	0.0353468	0.330824	0.874787	-1.14314	0.0725371	0.765574	-1.30621	0.0351089	1.38718	1.38718	0.709057	0.951258	-1.05124	0.996687	0.999447	-1.00055
cg12505085	ADK	0.0493444	0.0517154	0.364968	-2.73997	0.233625	0.566391	-1.76557	0.45494	0.707181	-1.41407	0.90419	1.05635	1.05635	0.0617048	0.383662	-2.60646
cg05536132	ADK;ADK	0.000377637	0.0029846	1.34708	1.34708	0.00518213	0.763459	-1.30983	0.000854031	1.44258	1.44258	0.0420471	1.18689	1.18689	0.00294874	0.741882	-1.34792
cg09299075	ADK;ADK	0.000475402	0.0106387	0.661152	-1.51251	0.0194993	0.695077	-1.43869	0.000151732	0.432847	-2.31029	0.252069	0.857154	-1.16665	0.0003166	0.471624	-2.12033
cg15363270	ADK;ADK	0.00105872	0.070356	1.49927	1.49927	0.565662	0.890239	-1.12329	0.773649	0.943899	-1.05943	0.754665	1.06477	1.06477	0.000697806	0.35508	-2.81626
cg02289339	ADK;ADK	0.00107849	0.107474	1.23785	1.23785	0.702619	0.954477	-1.04769	0.604663	0.938535	-1.06549	0.934887	1.00997	1.00997	0.589678	1.06837	1.06837
cg27194173	ADK;ADK	0.00247874	0.48558	1.04417	1.04417	0.0430051	1.15261	1.15261	0.270588	0.932429	-1.07247	0.847835	1.01179	1.01179	5.34E-05	0.63135	-1.58391
cg24030996	ADK;ADK	0.00436357	0.00530634	0.524206	-1.90765	0.133962	0.752676	-1.32859	0.00277142	0.484145	-2.0655	0.184014	1.28113	1.28113	0.00423513	0.510159	-1.96017
cg11717883	ADK;ADK	0.00948902	0.219539	0.776084	-1.28852	0.118643	1.39458	1.39458	0.182792	1.31992	1.31992	0.481327	0.868894	-1.15089	0.0024392	0.436848	-2.28913
cg13085507	ADK;ADK	0.0100861	0.00488694	0.347357	-2.87888	0.379674	1.29106	1.29106	0.943543	0.980124	-1.02028	0.0244441	2.13822	2.13822	0.420785	0.792042	-1.26256
cg23198334	ADK;ADK	0.0325447	0.020501	0.460827	-2.17001	0.108425	0.615099	-1.62575	0.310932	0.747565	-1.33768	0.0181325	2.2173	2.2173	0.211341	0.693901	-1.44113
cg04733624	ADK;ADK	0.0427731	0.693497	1.01271	1.01271	0.0636036	0.935656	-1.06877	0.00488424	0.887835	-1.12634	0.344816	0.969447	-1.03152	0.147789	0.951685	-1.05077
cg06764565	ADK;AP3M1;AP3M1	1.07E-07	0.0761533	1.07311	1.07311	3.77E-09	2.55257	2.55257	5.99E-07	1.63408	1.63408	0.000662873	0.829937	-1.20491	3.96E-06	0.681404	-1.46756
cg19889307	ADK;AP3M1;AP3M1	0.00277286	0.856536	0.955999	-1.04603	0.609584	0.879793	-1.13663	0.372854	1.25544	1.25544	0.269343	0.751238	-1.33114	0.0263677	0.519527	-1.92483
cg14390683	ADK;AP3M1;AP3M1	0.00810334	0.000915135	0.469755	-2.12877	0.678822	0.93849	-1.06554	0.119304	1.29398	1.29398	0.35491	0.864939	-1.15615	0.208502	1.22403	1.22403
cg14441964	ADK;AP3M1;AP3M1	0.0132533	0.75861	1.02653	1.02653	0.104088	1.16294	1.16294	0.940532	1.00636	1.00636	0.181201	1.12815	1.12815	0.232465	0.899095	-1.11223
cg15691252	ADK;AP3M1;AP3M1	0.0342246	0.0265888	0.516907	-1.93459	0.0104926	0.445451	-2.24492	0.0656076	0.595246	-1.67998	0.186522	0.703568	-1.42133	0.00538099	0.39848	-2.50954
cg10044466	ADM	7.42E-06	?	?	?	2.28E-05	7.54007	7.54007	0.00879014	2.08229	2.08229	0.703397	0.922264	-1.08429	0.000114913	0.207308	-4.82374
cg12320306	ADM	2.76E-05	0.187385	0.742094	-1.34754	3.01E-06	10.7499	10.7499	0.0125706	0.515533	-1.93974	0.00844849	0.487792	-2.05006	0.662241	0.910437	-1.09837
cg06875754	ADM	5.26E-05	0.0269158	0.601941	-1.66129	2.62E-05	5.01223	5.01223	0.000180124	3.41446	3.41446	0.0868616	1.44234	1.44234	0.00241037	0.441023	-2.26745
cg13441983	ADM	0.000140329	0.632709	0.860363	-1.1623	6.07E-06	23.7124	23.7124	0.739789	1.10973	1.10973	0.953855	0.982086	-1.01824	0.634247	1.1615	1.1615
cg05727225	ADM	0.000205189	0.703937	0.871996	-1.14679	3.54E-05	17.5368	17.5368	0.000144405	10.4711	10.4711	0.57067	0.814165	-1.22825	0.443671	0.75565	-1.32336
cg09639735	ADM	0.000298586	1.52E-05	0.12785	-7.82168	0.159402	0.708094	-1.41224	0.375021	1.23246	1.23246	0.291234	1.28583	1.28583	6.66E-05	0.186724	-5.35551
cg17108838	ADM	0.00368197	0.892312	1.06697	1.06697	0.00109632	10.016	10.016	0.62014	0.787328	-1.27012	0.644905	0.800853	-1.24867	0.746863	1.16764	1.16764
cg03548673	ADM	0.0117846	0.178708	0.843497	-1.18554	0.90316	1.01461	1.01461	0.0076223	1.5049	1.5049	0.303984	0.880884	-1.13522	0.901818	0.985405	-1.01481
cg02843237	ADM	0.02892	0.0817127	0.731386	-1.36727	0.275045	1.20217	1.20217	0.427088	0.876797	-1.14051	0.047702	0.692715	-1.4436	0.700529	0.939262	-1.06467
cg16661654	ADM	0.0362025	0.0613061	0.586836	-1.70405	0.501115	0.841459	-1.18841	0.0399128	1.82285	1.82285	0.0494997	0.56745	-1.76227	0.100123	0.634171	-1.57686
cg06976202	ADM2;ADM2	0.00147882	0.834757	1.04964	1.04964	0.202943	0.732168	-1.36581	0.243219	0.753344	-1.32741	0.617814	1.12375	1.12375	0.888377	0.967951	-1.03311
cg23513727	ADM2;MIOX	0.000596667	0.000519064	0.222312	-4.49819	0.00150471	0.280731	-3.56213	0.0430792	0.523868	-1.90888	0.00467252	0.351811	-2.84244	0.00010301	0.148265	-6.74466
cg06686058	ADM;ADM	0.00221275	0.6913	1.04637	1.04637	4.27E-05	2.41931	2.41931	0.551741	1.07078	1.07078	0.583296	1.06494	1.06494	0.963872	0.994869	-1.00516
cg06434775	ADNP2	0.00050114	0.815244	0.959843	-1.04184	0.823061	0.961543	-1.03999	0.000175837	0.328232	-3.04663	0.270501	1.22249	1.22249	4.49E-05	0.258627	-3.86657
cg05458220	ADNP2	0.000870646	0.00122007	0.337847	-2.95992	0.000273385	3.92453	3.92453	0.282823	1.29161	1.29161	0.85983	0.96028	-1.04136	0.0449424	0.589975	-1.69499
cg12174077	ADNP2	0.0204546	0.0388854	0.265484	-3.76671	0.346397	0.584041	-1.71221	0.0698355	0.324851	-3.07833	0.149353	0.424239	-2.35716	0.101346	0.369751	-2.70452
cg22920603	ADNP;ADNP	0.00184032	0.0681806	0.567506	-1.7621	0.0715811	0.572301	-1.74733	0.00485476	0.354878	-2.81787	0.99105	0.996893	-1.00312	0.00180713	0.292066	-3.42388
cg12093180	ADNP;ADNP	0.00340007	0.925984	0.974293	-1.02639	0.00098719	3.94458	3.94458	0.168923	1.50805	1.50805	0.00318261	3.09263	3.09263	0.0383059	0.510261	-1.95978
cg24684765	ADNP;ADNP	0.0169617	0.00649698	0.520934	-1.91963	0.202752	1.28133	1.28133	0.0923562	1.40705	1.40705	0.349037	0.837174	-1.19449	0.380585	1.18034	1.18034
cg01854842	ADNP;ADNP	0.0268019	0.154784	0.84387	-1.18502	0.0314493	1.32483	1.32483	0.212896	1.15747	1.15747	0.162913	1.18061	1.18061	0.0059942	0.670073	-1.49237
cg08473725	ADNP;ADNP	0.0279246	0.0552041	0.34198	-2.92415	0.0263758	0.272546	-3.66911	0.310136	0.595443	-1.67942	0.265441	0.563889	-1.7734	0.0444873	0.320087	-3.12415
cg11096441	ADNP;ADNP	0.0312535	0.943126	0.988176	-1.01197	0.00187005	2.08643	2.08643	0.414805	1.14908	1.14908	0.105142	1.34336	1.34336	0.824048	0.963558	-1.03782
cg00530805	ADNP;ADNP	0.0431303	0.0162061	0.237366	-4.21289	0.160256	0.480159	-2.08264	0.142161	0.462237	-2.16339	0.263398	0.565434	-1.76855	0.0858545	0.395223	-2.53022
cg12662530	ADO	0.0318838	0.133975	0.465902	-2.14637	0.0531028	2.82521	2.82521	0.0205402	3.73873	3.73873	0.711598	1.19183	1.19183	0.0559169	0.359362	-2.78271
cg12361155	ADO	0.0390803	0.992969	1.00085	1.00085	0.477468	1.07183	1.07183	0.00179161	1.53224	1.53224	0.405335	0.921489	-1.0852	0.0189956	1.31356	1.31356
cg20721121	ADO	0.0434002	0.151121	0.501363	-1.99456	0.00462538	0.184333	-5.42497	0.50854	1.3512	1.3512	0.243048	1.73022	1.73022	0.0631712	2.55455	2.55455
cg12474798	ADO;ADO	0.00153275	0.746921	1.06696	1.06696	0.0900373	0.687982	-1.45353	0.0014949	2.50039	2.50039	0.00369779	2.19289	2.19289	0.133774	0.723468	-1.38223
cg25103895	ADO;ADO	0.0177273	0.26652	1.29937	1.29937	0.874188	0.96479	-1.0365	0.00898856	2.12012	2.12012	0.0165976	1.93829	1.93829	0.0623956	1.60716	1.60716
cg20684110	ADO;ADO	0.0333053	0.637799	1.11962	1.11962	0.103761	1.52793	1.52793	0.0618891	1.65037	1.65037	0.897745	1.03111	1.03111	0.357727	0.798218	-1.25279
cg20142535	ADORA1;ADORA1	0.00114253	0.600183	0.886539	-1.12798	0.0417336	1.70661	1.70661	0.845262	1.0455	1.0455	0.260193	1.30661	1.30661	0.276887	1.29372	1.29372
cg11341981	ADORA1;ADORA1	0.00193301	0.138294	0.728807	-1.37211	0.000774261	2.74192	2.74192	0.672828	0.919249	-1.08784	0.000404311	3.04889	3.04889	0.800342	0.951003	-1.05152
cg05160197	ADORA1;ADORA1	0.00342817	0.318048	1.22641	1.22641	0.000272545	3.25338	3.25338	0.0029557	2.24103	2.24103	0.298635	1.23744	1.23744	0.287782	1.2439	1.2439
cg08644365	ADORA1;ADORA1	0.016146	0.510726	0.838028	-1.19328	0.015282	2.20092	2.20092	0.01567	2.1916	2.1916	0.0160717	2.18224	2.18224	0.433845	0.809347	-1.23556
cg24141663	ADORA1;ADORA1	0.0303961	0.940022	1.02983	1.02983	0.51226	1.29644	1.29644	0.98084	1.00942	1.00942	0.0400747	2.52624	2.52624	0.976469	0.988545	-1.01159
cg23257225	ADORA1;ADORA1	0.0468407	0.0864224	0.244733	-4.08608	0.0265835	0.141815	-7.05144	0.0505945	0.190999	-5.23564	0.951544	0.955844	-1.0462	0.121388	0.287081	-3.48334
cg00256767	ADORA1;ADORA1;ADORA1;ADORA1	0.0128015	0.910031	1.01348	1.01348	0.0025973	1.63944	1.63944	0.130251	1.21363	1.21363	0.123634	1.21844	1.21844	0.6052	0.94009	-1.06373
cg15499799	ADORA2A	0.000657992	0.623555	0.924791	-1.08133	0.000523511	0.425497	-2.35019	0.0714172	0.727444	-1.37468	0.00222743	0.508113	-1.96807	0.00151721	0.485841	-2.05829
cg17716037	ADORA2B	0.00318055	0.00706014	0.712894	-1.40273	0.000331985	1.75597	1.75597	0.0758634	1.2117	1.2117	0.0365248	0.789622	-1.26643	0.947901	0.993669	-1.00637
cg21501163	ADORA2B	0.00931264	0.0974084	0.818686	-1.22147	0.0109655	1.42062	1.42062	0.0396695	0.769791	-1.29905	0.138118	0.838951	-1.19197	0.792724	1.02939	1.02939
cg17580614	ADORA2B	0.0100673	0.0109304	0.371128	-2.69449	0.000470921	0.181761	-5.50174	0.275935	0.703497	-1.42147	0.446539	0.786026	-1.27222	0.0346944	0.465781	-2.14693
cg23694114	ADORA2B	0.0201693	0.819924	0.956949	-1.04499	0.419195	0.852742	-1.17269	0.061823	1.50066	1.50066	0.837164	1.04052	1.04052	0.634708	1.09677	1.09677
cg06960824	ADORA2B	0.027102	?	?	?	?	?	?	0.0183835	0.284924	-3.50971	0.609899	1.25338	1.25338	0.434655	1.41886	1.41886
cg03729431	ADORA2B;ADORA2B	1.53E-05	0.000304277	0.522972	-1.91215	0.000370727	1.87634	1.87634	0.0184544	1.37124	1.37124	0.374809	0.904279	-1.10585	0.00141034	0.600153	-1.66624
cg00835558	ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00543996	ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20266515	ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04137609	ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01534316	ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05038243	ADORA3;ADORA3;ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21583807	ADORA3;ADORA3;ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15011501	ADORA3;ADORA3;ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25674286	ADORA3;ADORA3;ADORA3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02674324	0.339538	1.14641	1.14641	0.00225507	1.81007	1.81007	0.973677	0.99543	-1.00459	0.662376	1.06288	1.06288	5.73951	1.75141	0.271245	1
cg08132931	0.468553	0.922178	-1.08439	0.225049	0.869372	-1.15026	0.999853	1.00002	1.00002	0.00189728	1.62172	1.62172	5.2635	1.00604	0.169898	1
cg05659187	0.413135	0.900885	-1.11002	0.0032463	0.606061	-1.65	0.331303	1.1332	1.1332	0.552936	0.927852	-1.07776	5.00746	1.23425	0.219095	1
cg13284981	0.129617	1.49341	1.49341	0.125654	1.5007	1.5007	0.792876	0.937577	-1.06658	0.132158	0.671654	-1.48886	4.18104	3.97268	0.844593	1
cg03756645	0.0405731	0.317313	-3.15147	0.0564022	0.350438	-2.85357	0.191975	0.511494	-1.95506	0.0163144	0.24041	-4.15957	4.12201	15.3814	3.31691	1
cg25631352	0.546148	1.1548	1.1548	0.0204844	1.93083	1.93083	0.0605654	1.64641	1.64641	0.0462041	1.71294	1.71294	3.60475	3.16991	0.781663	1
cg07711556	0.00834534	0.751232	-1.33115	0.56992	1.04993	1.04993	0.294578	1.09663	1.09663	0.00045161	1.59877	1.59877	10.2756	1.17182	0.101368	1
cg03962527	0.136982	1.6147	1.6147	0.260866	1.42013	1.42013	0.0740028	1.81409	1.81409	0.00130462	4.05629	4.05629	8.84876	12.5384	1.25953	1
cg14972654	0.709213	1.1101	1.1101	0.0832394	1.70692	1.70692	0.00316895	3.07713	3.07713	0.292461	1.35599	1.35599	5.25491	6.47027	1.09447	1
cg18994606	0.270497	1.31084	1.31084	0.0185178	1.96165	1.96165	0.176191	1.40389	1.40389	0.0774036	0.629315	-1.58903	4.40146	3.87962	0.783502	1
cg02619834	0.233348	0.707514	-1.4134	0.874819	0.957284	-1.04462	0.317784	0.751311	-1.33101	0.0083013	0.392836	-2.54559	3.76838	4.57601	1.07939	1
cg03806087	0.000250518	0.136629	-7.31911	0.0110294	0.349708	-2.85952	0.901064	0.959845	-1.04184	0.0214877	0.402451	-2.48477	13.781	23.7006	1.52872	1
cg23949936	0.00268406	0.12009	-8.32705	0.000523931	0.0632061	-15.8213	0.43129	0.663449	-1.50727	0.00791371	0.175547	-5.69649	9.75395	40.3093	3.67343	1
cg01151642	0.0233666	0.296023	-3.37812	0.00202457	0.14142	-7.07112	0.0265513	0.306879	-3.25861	0.00709515	0.209517	-4.77288	7.74957	24.7778	2.84206	1
cg16001323	0.666809	0.719175	-1.39048	0.00230591	0.0391204	-25.5621	0.595093	0.664816	-1.50418	0.0615228	0.201292	-4.9679	5.81626	53.3572	8.15449	1
cg24368912	0.173813	0.420295	-2.37928	0.0142738	0.163605	-6.11229	0.0549264	0.271459	-3.68379	0.0948102	0.332937	-3.00358	3.72471	21.1691	5.05194	1
cg15785860	0.000496054	0.2085	-4.79617	0.000465664	0.205354	-4.86963	0.399306	1.28168	1.28168	0.000900224	0.239547	-4.17454	21.8327	28.6027	1.16452	1
cg03415545	0.26793	0.583362	-1.7142	0.118822	0.453538	-2.20489	0.87547	1.07599	1.07599	0.00867968	0.209671	-4.76937	7.11164	24.5669	3.07063	1
cg01728552	0.0309443	0.422372	-2.36758	0.00648648	0.300054	-3.33273	0.562556	0.819413	-1.22039	0.0404116	0.446936	-2.23746	5.10491	9.35707	1.62929	1
cg00689360	0.598474	0.78964	-1.2664	0.468892	0.720712	-1.38752	0.994607	0.997001	-1.00301	0.0448742	0.359436	-2.78214	4.81956	15.0781	2.7809	1
cg06045062	0.93734	0.993524	-1.00652	0.002988	0.714238	-1.40009	0.000519177	1.56409	1.56409	0.0102725	1.3064	1.3064	8.60415	0.93043	0.096122	1
cg15443145	0.192515	0.718868	-1.39108	0.610706	0.884388	-1.13073	0.177315	1.40934	1.40934	0.363594	0.799764	-1.25037	8.56596	7.76923	0.806212	1
cg13256891	0.00618187	0.522287	-1.91466	0.302269	1.21457	1.21457	0.395286	0.853539	-1.17159	0.0663408	0.68757	-1.4544	8.21095	4.30286	0.465813	1
cg20533579	0.0132625	0.421168	-2.37435	0.00224972	0.299729	-3.33635	0.460353	1.23586	1.23586	0.0193445	0.450727	-2.21864	5.93985	7.46759	1.11751	1
cg18060627	0.85141	1.08359	1.08359	0.0412936	0.365056	-2.7393	0.0155271	3.56326	3.56326	0.957016	0.977189	-1.02334	3.49173	10.1353	2.58013	1
cg06416885	0.488511	0.778182	-1.28505	0.0858092	1.96728	1.96728	0.0963091	1.91707	1.91707	0.146379	1.74307	1.74307	5.18133	10.4231	1.78815	1
cg10099209	5.28E-05	0.0825956	-12.1072	0.0150844	0.372978	-2.68113	0.822785	0.928604	-1.07689	0.027728	0.423489	-2.36134	9.8025	16.929	1.53512	1
cg25223878	0.00811731	0.33105	-3.02069	0.895897	0.958199	-1.04362	0.451334	0.778558	-1.28443	0.0860031	0.538579	-1.85674	5.76147	9.70819	1.49779	1
cg08988543	0.00224402	0.0796113	-12.561	0.0320921	0.226485	-4.41531	0.762368	1.19647	1.19647	0.0469839	0.260573	-3.8377	5.90558	32.7231	4.92537	1
cg06518271	0.350084	0.672562	-1.48685	0.572394	1.26523	1.26523	0.476838	0.742072	-1.34758	0.000936569	0.130523	-7.6615	5.24004	14.1145	2.3943	1
cg09954820	0.000547759	0.351998	-2.84092	1.33E-05	0.1695	-5.89971	0.0370359	0.624426	-1.60147	0.000130228	0.274651	-3.64098	25.6964	15.3919	0.532436	1
cg14095316	0.00908779	0.431568	-2.31713	0.000818404	0.278407	-3.59186	0.625167	1.13294	1.13294	0.0245763	0.507228	-1.9715	8.82583	8.98326	0.904744	1
cg21779231	9.70E-06	4.05709	4.05709	2.96E-06	5.15646	5.15646	0.661751	0.93729	-1.06691	3.73E-05	3.20858	3.20858	38.0381	13.0376	0.304669	1
cg03900851	0.000559761	29.8414	29.8414	1.18E-05	358.672	358.672	0.327306	0.526381	-1.89977	0.000318763	40.3878	40.3878	24.5107	156.341	5.66975	1
cg20295442	0.421764	0.917419	-1.09001	0.666156	0.955437	-1.04664	0.0602902	1.24923	1.24923	0.326931	1.11215	1.11215	15.5138	2.71026	0.155288	1
cg08090772	0.23674	0.858569	-1.16473	0.0288571	1.373	1.373	0.521224	1.08326	1.08326	0.0850532	1.26393	1.26393	5.88766	1.41089	0.213009	1
cg20794855	0.041591	1.40647	1.40647	0.0034535	1.77971	1.77971	0.131594	1.26656	1.26656	0.0304657	0.69128	-1.44659	5.78785	1.932	0.296714	1
cg16642695	0.157284	0.465027	-2.15041	0.0132102	0.211175	-4.7354	0.03478	0.287741	-3.47535	0.0577969	0.337583	-2.96223	4.50122	18.2709	3.60808	1
cg23227555	0.020479	0.465558	-2.14796	0.0115222	0.420984	-2.37539	0.251575	0.720403	-1.38811	0.950926	0.98329	-1.01699	11.3745	13.5034	1.05526	1
cg01370334	0.343432	1.25513	1.25513	0.494069	1.17549	1.17549	0.525882	0.861012	-1.16142	0.020341	0.521453	-1.91772	8.97651	7.70656	0.763134	1
cg17095749	0.367127	1.15229	1.15229	0.143618	0.786297	-1.27178	0.215586	1.22069	1.22069	0.000432098	0.42667	-2.34373	8.48833	3.14694	0.329545	1
cg13582724	0.750992	0.951424	-1.05106	0.304048	1.18116	1.18116	0.208787	1.23028	1.23028	0.603115	0.921231	-1.0855	8.16697	3.16438	0.34441	1
cg01109252	0.421475	0.854587	-1.17016	0.192048	1.30245	1.30245	0.50666	1.1376	1.1376	0.492301	1.14276	1.14276	6.6133	3.83517	0.515482	1
cg02808379	0.932484	0.978697	-1.02177	0.61317	0.878486	-1.13832	0.4449	0.82044	-1.21886	0.389562	0.799255	-1.25116	6.16134	6.3022	0.909211	1
cg00924278	0.0232495	0.560277	-1.78483	0.000953037	0.349372	-2.86228	0.020844	1.81125	1.81125	0.0519259	1.60376	1.60376	6.04949	4.37048	0.642181	1
cg01808050	0.230038	1.28579	1.28579	0.550115	0.886308	-1.12828	0.316039	1.22989	1.22989	0.0181088	0.563869	-1.77346	5.82824	3.6779	0.560931	1
cg04392387	0.225095	0.777326	-1.28646	0.616306	0.904943	-1.10504	0.756488	0.940356	-1.06343	0.151913	0.738247	-1.35456	5.46463	3.38284	0.550261	1
cg10100318	0.0060017	0.32729	-3.05539	0.549274	0.82822	-1.20741	0.483957	1.24765	1.24765	0.0517033	0.502204	-1.99122	5.02922	7.70651	1.36209	1
cg10209223	0.0338069	1.15933	1.15933	0.202302	0.922834	-1.08362	0.216999	0.925437	-1.08057	0.464696	0.956581	-1.04539	4.54399	0.256105	0.0500989	1
cg07737964	0.640881	0.905923	-1.10385	0.124076	1.41941	1.41941	0.909287	1.02426	1.02426	0.194766	0.749423	-1.33436	4.41593	3.09335	0.622665	1
cg07653418	0.721853	0.897554	-1.11414	0.00845732	0.361817	-2.76383	0.776819	0.917655	-1.08973	0.112745	0.593322	-1.68543	3.75002	5.43022	1.28716	1
cg02610787	0.556704	1.07445	1.07445	0.0484885	0.761628	-1.31298	0.185512	0.844007	-1.18482	0.273353	0.871356	-1.14764	3.49793	0.808417	0.205434	1
cg02708922	0.568313	0.854383	-1.17044	0.0809549	1.69571	1.69571	0.748029	1.09195	1.09195	0.715387	0.904891	-1.10511	3.4974	4.12553	1.04853	1
cg16212341	0.74531	0.916489	-1.09112	0.974221	0.991392	-1.00868	0.830101	1.05918	1.05918	0.000282377	0.204393	-4.89254	17.2601	19.5685	1.00777	1
cg23607622	0.00256548	0.44655	-2.23939	0.000625699	0.362735	-2.75683	0.855336	1.03581	1.03581	0.00216575	0.436127	-2.29291	13.1574	7.74566	0.523282	1
cg10681525	0.585377	0.955017	-1.0471	0.00696182	1.33868	1.33868	0.604819	1.04458	1.04458	0.00291062	0.710467	-1.40753	15.3744	1.69968	0.0982686	1
cg05050884	0.00132787	0.397933	-2.51299	0.00387203	0.463918	-2.15555	0.173416	0.751314	-1.331	0.00804088	0.511569	-1.95477	14.3531	8.85819	0.548589	1
cg14584085	0.000182496	0.230642	-4.33573	0.000585886	0.291778	-3.42726	0.683479	0.909349	-1.09969	0.200601	0.730977	-1.36803	9.13678	7.77607	0.75651	1
cg06842886	0.284845	0.82009	-1.21938	0.446282	1.14867	1.14867	0.126645	0.744537	-1.34312	0.122247	0.74154	-1.34854	8.88205	4.48398	0.448743	1
cg22876327	0.710661	0.926167	-1.07972	6.82E-06	0.128197	-7.8005	0.00836461	2.0008	2.0008	0.416048	1.18661	1.18661	16.073	10.7856	0.596478	1
cg17218466	0.0781491	0.728217	-1.37322	0.156608	0.78228	-1.27831	0.000626097	0.426439	-2.345	0.0105256	0.593568	-1.68473	10.0499	4.17982	0.369697	1
cg12132617	0.0248993	0.519154	-1.92621	0.00893842	0.441877	-2.26308	0.990401	0.99705	-1.00296	0.55216	0.862684	-1.15917	9.02394	8.61942	0.849042	1
cg24106215	0.578932	0.949646	-1.05302	0.0031172	0.68893	-1.45153	0.0858762	0.839505	-1.19118	0.0730581	0.831719	-1.20233	5.1492	0.692761	0.119589	1
cg21262504	0.0553999	1.50795	1.50795	0.0524382	1.51771	1.51771	0.0811062	0.693623	-1.44171	0.0108149	0.54578	-1.83224	3.94412	2.23524	0.503758	1
cg01723710	0.0116589	2.1786	2.1786	0.89666	0.970952	-1.02992	0.0410189	0.568766	-1.75819	0.0200015	0.504715	-1.98131	10.8783	8.4409	0.517292	1
cg15730680	0.000745292	0.148912	-6.71538	0.31076	1.47728	1.47728	0.879596	1.05802	1.05802	0.0625784	2.18082	2.18082	4.95702	9.66015	1.94878	1
cg25023057	0.784797	1.0347	1.0347	0.0037924	0.614682	-1.62686	0.699218	0.95277	-1.04957	0.0285314	0.724681	-1.37992	3.97662	0.978025	0.218616	1
cg13686104	0.461342	0.733602	-1.36314	0.00315023	0.188815	-5.2962	0.538127	0.772978	-1.2937	0.199015	0.570849	-1.75178	3.94615	8.29507	2.40236	1
cg03841784	0.0184048	1.57694	1.57694	0.000444511	2.4177	2.4177	0.0160775	1.59868	1.59868	0.00194376	2.00992	2.00992	9.23333	3.70923	0.357086	1
cg17407411	0.0477524	1.73456	1.73456	0.000217541	0.223007	-4.48416	0.127506	0.669681	-1.49325	0.415447	0.81667	-1.22448	8.62267	8.08428	0.833388	1
cg26565018	0.305515	0.843333	-1.18577	0.00440072	0.543017	-1.84156	0.00777893	0.577631	-1.73121	0.755152	0.951002	-1.05152	6.11287	2.49695	0.363088	1
cg13904228	0.0583518	0.716607	-1.39547	0.861521	1.02757	1.02757	0.04205	1.4404	1.4404	0.995001	0.999025	-1.00098	5.52499	2.12343	0.341628	1
cg13078969	?	?	?	0.116323	2.38383	2.38383	?	?	?	0.289864	1.69864	1.69864	13.3217	26.1965	1.31097	1
cg12193943	0.012917	0.493428	-2.02664	0.0992869	1.5122	1.5122	0.970561	1.00848	1.00848	0.405372	1.21513	1.21513	5.20253	4.31661	0.737523	1
cg19526779	?	?	?	0.0296028	0.237451	-4.2114	0.327821	0.5672	-1.76305	?	?	?	4.58751	15.2657	4.43688	1
cg02075378	0.759386	0.95987	-1.04181	0.720552	1.04905	1.04905	0.00438954	1.66053	1.66053	0.0516095	1.34361	1.34361	3.85335	1.08474	0.250227	1
cg12505085	0.231726	0.564954	-1.77006	0.00889042	0.21968	-4.55207	0.0587687	2.64267	2.64267	0.0973318	0.436811	-2.28932	3.40516	11.1764	2.91752	1
cg05536132	0.175062	1.11125	1.11125	0.000307764	1.53493	1.53493	0.0240957	1.21743	1.21743	0.00597552	1.30061	1.30061	15.443	1.30832	0.0753058	1
cg09299075	0.00173325	0.562369	-1.77819	0.155556	0.822203	-1.21625	0.00412849	1.64133	1.64133	0.00628553	0.632178	-1.58183	14.4918	3.80924	0.233649	1
cg15363270	0.00825007	0.50843	-1.96684	0.00022248	0.292078	-3.42374	0.686051	1.08476	1.08476	0.00692663	2.0131	2.0131	11.5775	7.35031	0.564338	1
cg02289339	0.418027	1.10574	1.10574	1.18E-05	0.32419	-3.08461	0.966664	0.994937	-1.00509	0.570966	0.932812	-1.07203	11.5168	2.69092	0.207691	1
cg27194173	0.351821	1.06018	1.06018	0.348302	1.06066	1.06066	0.487595	1.04395	1.04395	0.0835049	0.889728	-1.12394	9.05477	0.533472	0.0523698	1
cg24030996	0.0525342	1.4733	1.4733	0.134109	1.32843	1.32843	0.120425	1.34462	1.34462	0.298158	0.827306	-1.20874	7.64878	3.74345	0.435039	1
cg11717883	0.0364083	0.62031	-1.6121	0.00213552	0.428656	-2.33288	0.360577	1.20267	1.20267	0.357305	0.830376	-1.20427	6.01041	3.66969	0.542717	1
cg13085507	0.0811799	1.72985	1.72985	0.00242123	0.302048	-3.31073	0.339396	1.32197	1.32197	0.953114	1.01681	1.01681	5.89442	7.50136	1.13122	1
cg23198334	0.239553	1.40744	1.40744	0.0957046	1.66171	1.66171	0.875003	0.957254	-1.04465	0.0750628	0.576887	-1.73344	3.9698	4.84194	1.08417	1
cg04733624	0.956647	1.00174	1.00174	0.257788	0.963041	-1.03838	0.0321495	1.08332	1.08332	0.31758	0.967591	-1.03349	3.59291	0.0578695	0.0143169	1
cg06764565	0.41904	1.02997	1.02997	0.640729	0.983334	-1.01695	0.619132	0.982241	-1.01808	0.105634	1.06525	1.06525	129.254	2.61746	0.0180005	1
cg19889307	0.0182911	0.490599	-2.03833	8.30E-05	0.171674	-5.825	0.0986982	1.56866	1.56866	0.226434	1.37137	1.37137	8.76017	8.57845	0.87045	1
cg14390683	0.405206	1.13865	1.13865	0.00281928	0.534059	-1.87245	0.235394	1.20876	1.20876	0.804361	1.03856	1.03856	6.31857	2.32613	0.327237	1
cg14441964	0.125652	0.868677	-1.15118	0.00542618	0.732848	-1.36454	0.0938469	1.16941	1.16941	0.00389444	1.3912	1.3912	5.396	0.616685	0.101587	1
cg15691252	0.0174746	0.483679	-2.06749	0.0711096	0.602791	-1.65895	0.302171	0.764621	-1.30784	0.57878	0.86866	-1.1512	3.89857	3.89233	0.887466	1
cg10044466	0.0398946	1.67155	1.67155	0.00555054	2.23717	2.23717	1.39E-06	0.0466692	-21.4274	0.000333828	0.26551	-3.76634	63.9479	39.3832	0.538881	1
cg12320306	7.06E-06	8.3379	8.3379	0.693606	0.918948	-1.0882	0.915566	0.977615	-1.0229	0.447003	1.17993	1.17993	31.1317	22.4689	0.641544	1
cg06875754	0.000243054	3.23888	3.23888	0.0319207	0.614492	-1.62736	0.00321107	0.458859	-2.17932	0.0421024	0.635339	-1.57396	26.2715	15.6103	0.528169	1
cg13441983	4.99E-05	10.7783	10.7783	0.136213	0.605615	-1.65121	0.12271	0.593087	-1.68609	0.427851	1.2877	1.2877	20.2166	31.2409	1.37361	1
cg05727225	5.38E-05	14.9092	14.9092	0.673793	1.16403	1.16403	0.796878	1.09695	1.09695	0.396631	1.36534	1.36534	18.244	37.1886	1.81191	1
cg09639735	0.806565	1.05793	1.05793	0.600497	1.12896	1.12896	0.254623	0.761055	-1.31397	0.0770616	0.636812	-1.57032	16.4714	13.7467	0.741848	1
cg17108838	0.000142675	23.0669	23.0669	0.760282	0.863768	-1.15772	0.791628	0.880984	-1.13509	0.87217	0.925833	-1.08011	8.0506	29.2009	3.22415	1
cg03548673	0.233812	1.16032	1.16032	0.859918	1.02127	1.02127	0.00107263	1.77822	1.77822	0.017288	1.41262	1.41262	5.60632	1.26017	0.199801	1
cg02843237	0.0337709	1.49473	1.49473	0.1073	0.752003	-1.32978	0.73894	0.947215	-1.05573	0.00860517	1.72167	1.72167	4.14027	1.72394	0.370118	1
cg16661654	0.420104	0.812014	-1.23151	0.727132	0.915248	-1.0926	0.021447	2.01084	2.01084	0.189534	1.42093	1.42093	3.82004	3.86649	0.899698	1
cg06976202	0.0617005	0.613786	-1.62923	0.000874734	0.314216	-3.18253	0.000102697	4.92621	4.92621	0.799613	1.06077	1.06077	10.5226	8.96559	0.757364	1
cg23513727	0.00189926	0.294568	-3.39481	0.000317602	0.197961	-5.05149	0.0262454	0.480803	-2.07985	0.0076217	0.385586	-2.59345	13.605	16.6243	1.08616	1
cg06686058	0.0618253	1.26981	1.26981	0.0325609	0.75267	-1.3286	0.157173	0.842128	-1.18747	0.94221	1.00827	1.00827	9.36145	1.91249	0.181594	1
cg06434775	0.00589541	0.532138	-1.87921	0.17958	0.779116	-1.28351	0.926562	1.01627	1.01627	0.00140803	0.445042	-2.24698	14.2815	6.9349	0.431632	1
cg05458220	0.0492661	1.67297	1.67297	0.00175795	0.359847	-2.77896	0.185326	0.724647	-1.37998	0.0912922	0.652837	-1.53178	12.2368	10.1896	0.740181	1
cg12174077	0.002806	0.101913	-9.81228	0.00410271	0.118174	-8.46213	0.444095	0.648743	-1.54144	0.00980647	0.163526	-6.11522	4.66873	22.7445	4.33036	1
cg22920603	0.00924022	0.399932	-2.50042	0.000969621	0.256132	-3.90424	0.0114619	2.40486	2.40486	0.00679487	0.377977	-2.64566	9.87808	12.0377	1.08323	1
cg12093180	0.359112	0.767751	-1.30251	0.00507375	0.354041	-2.82454	0.728149	1.10275	1.10275	0.543491	0.841677	-1.1881	8.24492	10.2583	1.10595	1
cg24684765	0.0128352	0.565699	-1.76773	0.0230418	0.605872	-1.65051	0.677744	0.925855	-1.08008	0.13266	1.34866	1.34866	4.97324	2.67685	0.478446	1
cg01854842	0.807293	0.973126	-1.02762	0.524251	1.07459	1.07459	0.084831	1.2367	1.2367	0.0778672	1.24411	1.24411	4.25263	0.836944	0.174939	1
cg08473725	0.135265	0.45167	-2.21401	0.00135438	0.100562	-9.94412	0.0278801	0.277257	-3.60676	0.0663653	0.361866	-2.76345	4.19176	16.1786	3.43078	1
cg11096441	0.00444438	1.88269	1.88269	0.393612	1.15682	1.15682	0.592564	1.09423	1.09423	0.25908	1.21687	1.21687	4.02771	1.77273	0.391231	1
cg00530805	0.236933	0.54555	-1.83301	0.00337252	0.142287	-7.02807	0.0643547	0.361927	-2.76299	0.022586	0.26306	-3.80142	3.58182	13.5664	3.36672	1
cg12662530	0.496541	0.721624	-1.38576	0.196023	1.90817	1.90817	0.0191426	0.261898	-3.81827	0.946083	1.03248	1.03248	3.99908	14.1451	3.14408	1
cg12361155	0.602918	1.0517	1.0517	0.369028	1.09265	1.09265	0.385393	1.08922	1.08922	0.0513389	1.23748	1.23748	3.71478	0.542636	0.129844	1
cg20721121	0.768049	0.875701	-1.14194	0.145382	0.49575	-2.01715	0.518876	0.745656	-1.3411	0.213732	1.7996	1.7996	3.57351	11.3993	2.8355	1
cg12474798	0.0475222	0.635273	-1.57413	0.0292039	1.67254	1.67254	0.207929	1.30444	1.30444	0.000386869	3.10536	3.10536	10.4146	6.60869	0.564054	1
cg25103895	0.827494	0.951831	-1.05061	0.0449937	0.594276	-1.68272	0.686155	1.09625	1.09625	0.00594898	2.25603	2.25603	4.90021	3.97128	0.720383	1
cg20684110	0.327893	0.786121	-1.27207	0.011779	0.472566	-2.11611	0.050657	1.70004	1.70004	0.0320809	1.81906	1.81906	3.937	3.5404	0.799345	1
cg20142535	0.942834	1.01646	1.01646	0.139106	1.43694	1.43694	1.05E-05	8.53666	8.53666	0.137808	1.43892	1.43892	11.3292	9.30397	0.729987	1
cg11341981	0.0304811	1.65549	1.65549	0.0360805	1.62136	1.62136	0.00165443	2.44144	2.44144	0.272503	1.2541	1.2541	9.73801	6.06106	0.553256	1
cg05160197	0.0793017	1.46994	1.46994	0.000953618	2.64746	2.64746	0.0212043	1.72955	1.72955	0.901655	0.97585	-1.02475	8.22466	5.09397	0.550536	1
cg08644365	0.0504092	1.80519	1.80519	0.977187	1.0076	1.0076	0.00262796	3.01329	3.01329	0.510254	1.19352	1.19352	5.05569	5.61758	0.98768	1
cg24141663	0.509694	0.770092	-1.29855	0.0157856	3.17494	3.17494	0.00139551	6.1024	6.1024	0.852801	1.07525	1.07525	4.06782	9.8301	2.14804	1
cg23257225	0.586572	0.664943	-1.50389	0.0324099	0.155481	-6.43167	0.0335829	6.32664	6.32664	0.317499	0.464002	-2.15517	3.47285	30.3745	7.77447	1
cg00256767	0.897282	1.01542	1.01542	0.00923446	0.676069	-1.47914	0.0415085	0.756932	-1.32112	0.190748	0.848628	-1.17837	5.45748	1.21313	0.197588	1
cg15499799	0.007318	1.72726	1.72726	0.000773694	0.447414	-2.23507	0.0327109	0.673717	-1.4843	0.00186317	0.497722	-2.00915	13.2383	5.23755	0.351676	1
cg17716037	0.0893912	1.19966	1.19966	0.0306707	1.2799	1.2799	0.618407	1.05002	1.05002	0.1879	1.14526	1.14526	8.41071	1.25841	0.132995	1
cg21501163	0.0353165	0.763695	-1.30942	0.07632	1.2422	1.2422	0.00694039	1.46846	1.46846	0.147881	1.18619	1.18619	6.04641	1.15843	0.170302	1
cg17580614	0.808541	0.927436	-1.07824	0.39239	0.761929	-1.31246	0.00419352	0.304162	-3.28772	0.196224	0.654378	-1.52817	5.89795	8.99491	1.35564	1
cg23694114	0.0406491	0.633707	-1.57802	0.00187041	2.34294	2.34294	0.0490258	0.6481	-1.54297	0.514726	1.13599	1.13599	4.6911	2.76729	0.524357	1
cg06960824	0.0178979	0.282808	-3.53597	0.0303622	3.056	3.056	0.559301	0.771716	-1.29581	0.190477	1.83762	1.83762	4.39997	10.4402	2.71177	1
cg03729431	2.02E-06	0.2739	-3.65096	2.77E-05	0.401645	-2.48976	0.33256	0.895465	-1.11674	0.30327	1.125	1.125	36.3067	7.01567	0.171763	1
cg00835558	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00543996	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20266515	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04137609	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01534316	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05038243	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21583807	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15011501	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25674286	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26233373	ADORA3;ADORA3;ADORA3	0.0292173	0.385315	0.806778	-1.2395	0.00485315	0.406163	-2.46207	0.00236447	0.359539	-2.78134	0.772828	0.932557	-1.07232	0.0788193	0.62448	-1.60133
cg10862018	ADPGK;ADPGK;ADPGK	0.000247058	0.709872	1.08263	1.08263	0.000728152	2.9783	2.9783	0.755956	1.06847	1.06847	0.927068	1.01964	1.01964	7.71E-06	0.124239	-8.049
cg06671139	ADPGK;ADPGK;ADPGK	0.00420468	0.910879	1.0065	1.0065	0.888677	0.991923	-1.00814	0.904772	0.993094	-1.00695	0.0121355	1.19846	1.19846	0.0259398	1.16542	1.16542
cg14418942	ADPGK;ADPGK;ADPGK	0.00719858	0.000317645	0.291974	-3.42496	0.783991	0.943637	-1.05973	0.699582	1.08531	1.08531	0.872924	1.03437	1.03437	0.658489	0.910361	-1.09847
cg05159192	ADPGK;ADPGK;ADPGK	0.00760353	?	?	?	0.0321065	2.03432	2.03432	0.000788632	4.20035	4.20035	0.0499678	0.53133	-1.88207	?	?	?
cg17127015	ADPGK;ADPGK;ADPGK	0.00987742	0.0428392	0.318036	-3.1443	0.233522	0.541266	-1.84752	0.15658	0.474872	-2.10583	0.450668	0.685423	-1.45895	0.00850566	0.19196	-5.20941
cg04002203	ADPGK;ADPGK;ADPGK	0.0105983	0.00755275	0.581448	-1.71984	0.00536042	0.560706	-1.78346	0.0356248	0.679878	-1.47085	0.0529293	0.706779	-1.41487	0.0370671	0.682531	-1.46513
cg19280364	ADPGK;ADPGK;ADPGK	0.0182455	0.00443335	0.319579	-3.12911	0.0433683	0.497569	-2.00977	0.0647243	0.536178	-1.86505	0.98492	0.994338	-1.00569	0.00385145	0.310364	-3.22202
cg20052355	ADPGK;ADPGK;ADPGK	0.0292304	0.235086	1.1346	1.1346	0.297668	0.896234	-1.11578	0.278835	0.892029	-1.12104	0.535816	1.06569	1.06569	0.00299125	1.51165	1.51165
cg12691651	ADPGK;ADPGK;ADPGK	0.0307145	0.0204524	0.264828	-3.77603	0.298713	0.599077	-1.66923	0.0711519	0.383346	-2.60861	0.252581	0.566397	-1.76555	0.00951243	0.209605	-4.77087
cg05961212	ADPRH	0.00445664	0.027412	0.621057	-1.61016	0.77349	1.0541	1.0541	0.390415	1.17429	1.17429	0.259594	0.806784	-1.23949	6.88E-05	0.264884	-3.77523
cg10994564	ADPRH	0.0160268	0.0423686	0.267447	-3.73906	0.00528513	0.125665	-7.95768	0.0328124	0.244504	-4.08991	0.0967859	0.3576	-2.79642	0.00206263	0.0864579	-11.5663
cg17283447	ADPRH	0.019109	0.16132	0.734281	-1.36188	0.143804	1.38304	1.38304	0.207532	0.760015	-1.31576	0.194017	0.752973	-1.32807	0.00353687	0.442021	-2.26233
cg01788444	ADPRH	0.0221943	0.357458	0.696615	-1.43551	0.995909	0.998044	-1.00196	0.168988	0.571311	-1.75036	0.114778	0.51936	-1.92545	0.00388039	0.226337	-4.41819
cg18027174	ADPRH	0.025831	0.181593	0.747537	-1.33773	0.049019	1.58587	1.58587	0.0483344	0.62944	-1.58871	0.301632	0.80285	-1.24556	0.00679208	0.48688	-2.0539
cg12622519	ADPRHL1	0.00764246	0.117909	0.629385	-1.58885	0.00130773	3.58267	3.58267	0.433076	1.24378	1.24378	0.202799	1.44289	1.44289	0.311277	0.751511	-1.33065
cg21304833	ADPRHL1	0.0478217	0.534084	0.774211	-1.29164	0.00423753	4.73858	4.73858	0.102002	2.0696	2.0696	0.696332	1.17279	1.17279	0.374257	0.690296	-1.44865
cg17414127	ADPRHL1	0.0496117	0.0860463	1.53917	1.53917	0.0024625	2.60484	2.60484	0.383952	1.22502	1.22502	0.438092	1.197	1.197	0.0491222	1.66634	1.66634
cg20618527	ADPRHL1;ADPRHL1	0.000596498	0.842027	0.932255	-1.07267	9.94E-05	0.0882106	-11.3365	0.00012289	0.0948477	-10.5432	0.417727	0.747426	-1.33792	0.858846	0.939339	-1.06458
cg16322397	ADPRHL1;ADPRHL1	0.00181664	0.000466177	0.567972	-1.76065	0.322779	1.1107	1.1107	0.000913997	0.600792	-1.66447	0.146282	0.851883	-1.17387	0.00108444	0.609084	-1.64181
cg08112879	ADPRHL1;ADPRHL1	0.00308	0.560843	0.886319	-1.12826	0.00184699	2.47738	2.47738	0.830067	1.04509	1.04509	0.000233352	0.285763	-3.49941	0.53743	0.879728	-1.13672
cg04579632	ADPRHL1;ADPRHL1	0.0052657	0.00260686	0.191672	-5.21724	0.0091293	0.269297	-3.71337	0.0469684	0.406251	-2.46153	0.0192198	0.325603	-3.07122	0.00052563	0.117611	-8.50263
cg20849855	ADPRHL1;ADPRHL1	0.00633316	0.00320263	0.145817	-6.85793	0.264143	0.572948	-1.74536	0.0129008	0.228285	-4.38049	0.736355	1.1755	1.1755	0.0396185	0.320245	-3.12261
cg19397969	ADPRHL1;ADPRHL1	0.00637956	0.00790777	0.400976	-2.49391	0.00686211	0.390956	-2.55783	0.00876465	0.408348	-2.44889	0.415995	1.24985	1.24985	0.0011005	0.275031	-3.63595
cg20097507	ADPRHL1;ADPRHL1	0.00881624	0.905295	0.985539	-1.01467	0.635521	1.06018	1.06018	0.000987308	0.549235	-1.82071	0.233748	1.16508	1.16508	0.199223	0.847036	-1.18059
cg20566904	ADPRHL1;ADPRHL1	0.012551	0.339814	0.762125	-1.31212	0.0208651	0.464036	-2.15501	0.00938561	0.402744	-2.48297	0.358017	1.29822	1.29822	0.0231719	0.472576	-2.11606
cg26308932	ADPRHL1;ADPRHL1	0.0128826	0.932896	0.985157	-1.01507	0.0101395	0.562208	-1.7787	0.0506393	0.673356	-1.4851	0.221984	1.25599	1.25599	0.902807	1.02193	1.02193
cg17895080	ADPRHL1;ADPRHL1	0.0131332	0.000280534	0.195669	-5.11067	0.0239107	0.477066	-2.09615	0.392951	0.786359	-1.27168	0.0470261	0.535644	-1.86691	0.389383	0.784862	-1.27411
cg01421309	ADPRHL1;ADPRHL1	0.0149636	0.00584069	0.397946	-2.5129	0.371429	0.79112	-1.26403	0.0345751	0.53304	-1.87603	0.0155774	2.13244	2.13244	0.691426	0.903158	-1.10723
cg27163431	ADPRHL1;ADPRHL1	0.0154559	0.222983	1.31267	1.31267	0.00288088	0.418605	-2.38889	0.0282731	0.576811	-1.73367	0.966969	1.00884	1.00884	0.353209	0.816315	-1.22502
cg05911765	ADPRHL1;ADPRHL1	0.020958	0.0359069	0.586269	-1.7057	0.0283663	0.567714	-1.76145	0.0130799	0.509968	-1.96091	0.0408701	0.596685	-1.67593	0.00587155	0.45439	-2.20075
cg25743531	ADPRHL1;ADPRHL1	0.0211409	0.00529899	0.483083	-2.07004	0.0502966	1.55544	1.55544	0.957348	1.01064	1.01064	0.158388	0.741919	-1.34786	0.677751	0.920601	-1.08625
cg05392008	ADPRHL1;ADPRHL1	0.0237545	0.292716	1.18679	1.18679	0.0267016	0.662377	-1.50971	0.302534	0.845726	-1.18242	0.410124	0.87621	-1.14128	0.0898142	0.745745	-1.34094
cg00767058	ADPRHL1;ADPRHL1	0.0239878	0.00412977	0.109869	-9.10176	0.165981	0.428159	-2.33558	0.240172	2.02622	2.02622	0.665272	0.778839	-1.28396	0.0437296	0.264163	-3.78553
cg22782070	ADPRHL1;ADPRHL1	0.0263486	0.231845	1.28856	1.28856	0.0689162	1.50915	1.50915	0.266641	0.791368	-1.26363	0.0262542	0.586856	-1.704	0.00302611	0.439723	-2.27416
cg26112170	ADPRHL1;ADPRHL1	0.0325345	0.00593067	0.159006	-6.28909	0.539616	0.728105	-1.37343	0.276762	1.78249	1.78249	0.47304	0.688735	-1.45194	0.228336	0.524117	-1.90797
cg14622533	ADPRHL1;ADPRHL1	0.0433737	0.502363	1.19796	1.19796	0.0723745	1.70231	1.70231	0.0895525	0.608579	-1.64317	0.941567	0.980738	-1.01964	0.722581	0.909758	-1.09919
cg05163330	ADPRHL1;ADPRHL1	0.0453833	0.00449302	0.0710682	-14.071	0.964571	0.96947	-1.03149	0.39107	1.84676	1.84676	0.88031	0.900163	-1.11091	0.368486	0.524777	-1.90557
cg26619725	ADPRHL1;ADPRHL1	0.0491917	0.0372596	0.592154	-1.68875	0.0404835	1.66998	1.66998	0.0180889	0.53676	-1.86303	0.87916	1.03352	1.03352	0.0306999	0.576874	-1.73348
cg06814637	ADPRHL2	0.0162981	0.226636	1.25885	1.25885	0.0027147	2.11895	2.11895	0.00406708	2.01241	2.01241	0.063238	0.684666	-1.46057	0.799238	1.0473	1.0473
cg10017619	ADPRHL2	0.0377269	0.00574675	0.22384	-4.46748	0.0424108	0.380442	-2.62852	0.0415442	0.37843	-2.6425	0.978595	0.988968	-1.01116	0.617171	0.8119	-1.23168
cg03651608	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.00124348	0.0153216	0.748333	-1.3363	0.10763	1.1865	1.1865	0.00514558	1.43315	1.43315	0.0224834	0.766263	-1.30504	0.566867	1.058	1.058
cg26730369	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.00268123	0.171501	0.682017	-1.46624	0.344176	0.774024	-1.29195	0.000186954	5.24701	5.24701	0.184888	0.69097	-1.44724	0.736197	0.914948	-1.09296
cg02776627	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.00331652	0.0265308	0.388086	-2.57675	0.000191361	9.60234	9.60234	0.242619	0.643936	-1.55295	0.713114	0.875531	-1.14216	0.150605	0.574333	-1.74115
cg23289779	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0124754	0.0168698	0.360354	-2.77505	0.0767806	0.502039	-1.99188	0.0321385	0.415316	-2.40781	0.410866	0.744963	-1.34235	0.00520893	0.275063	-3.63553
cg02501086	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0132898	0.363777	0.838555	-1.19253	0.890864	0.974433	-1.02624	0.311973	0.820922	-1.21814	0.938685	0.985591	-1.01462	0.315273	1.2164	1.2164
cg02409177	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0193752	0.0459832	4.37177	4.37177	0.0485282	4.27847	4.27847	0.0841888	3.42916	3.42916	0.231012	2.24881	2.24881	0.0134412	7.20006	7.20006
cg09557462	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0454536	0.0426355	10.5461	10.5461	0.00851341	29.6377	29.6377	0.0568741	8.80347	8.80347	0.120042	5.48602	5.48602	0.0306862	12.966	12.966
cg07645844	ADRA1A;ADRA1A;ADRA1A;ADRA1A;ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0459819	0.0492193	8.37797	8.37797	0.069199	6.85554	6.85554	0.0618506	7.32453	7.32453	0.180773	3.84046	3.84046	0.0364658	9.99452	9.99452
cg17979970	ADRA1B	0.00038203	0.0587997	0.663064	-1.50815	0.0211331	1.7053	1.7053	0.000145051	0.283808	-3.52351	0.180327	0.760423	-1.31506	0.000107815	0.268662	-3.72215
cg03825010	ADRA1B	0.000532346	0.0162134	0.208205	-4.80297	0.00158175	0.0888596	-11.2537	0.089322	0.367969	-2.71762	3.59E-05	0.0142495	-70.178	0.120098	0.406635	-2.45921
cg17265790	ADRA1B	0.00460369	0.0387429	0.616762	-1.62137	0.796228	1.05364	1.05364	0.0440499	0.626775	-1.59547	0.829966	0.957507	-1.04438	0.241225	0.780592	-1.28108
cg00107579	ADRA1B	0.0083803	0.503228	0.865439	-1.15548	0.00184409	2.56176	2.56176	0.0124717	0.516165	-1.93737	0.938659	1.01651	1.01651	0.52672	0.872454	-1.14619
cg05583171	ADRA1B	0.0172701	0.185479	0.67292	-1.48606	0.259324	1.39376	1.39376	0.343022	1.31733	1.31733	0.450214	0.804876	-1.24243	0.000366443	0.199839	-5.00403
cg22279415	ADRA1B	0.0412401	0.252134	0.793575	-1.26012	0.174725	0.756546	-1.3218	0.438632	1.16495	1.16495	0.771079	0.945173	-1.05801	0.0100213	0.533508	-1.87439
cg09540961	ADRA1D	9.19E-05	0.35293	1.06302	1.06302	0.562779	1.03812	1.03812	0.420657	1.05401	1.05401	0.598228	0.966571	-1.03459	0.0477346	0.865239	-1.15575
cg25976621	ADRA1D	0.0016773	0.645775	1.13087	1.13087	0.00103152	3.64002	3.64002	0.00861546	2.43553	2.43553	0.00830655	2.45116	2.45116	0.897014	0.966174	-1.03501
cg02190127	ADRA1D	0.00434811	0.0151625	2.87886	2.87886	0.0332236	2.4163	2.4163	0.23783	1.55002	1.55002	0.183421	1.64916	1.64916	0.00123765	5.33082	5.33082
cg10054025	ADRA1D	0.00657796	0.0723123	0.809743	-1.23496	0.863926	0.982113	-1.01821	0.000184436	0.514362	-1.94415	0.337003	1.10978	1.10978	0.178956	0.860507	-1.16211
cg11449039	ADRA1D	0.02785	0.443887	0.827178	-1.20893	0.623626	0.886726	-1.12774	0.463713	0.834198	-1.19876	0.997046	1.0009	1.0009	0.25132	0.747276	-1.33819
cg12215340	ADRA1D;ADRA1D	0.0019091	0.332631	1.26451	1.26451	0.687962	1.09944	1.09944	0.579059	1.14064	1.14064	0.486534	1.1806	1.1806	0.205905	0.731009	-1.36797
cg05329352	ADRA2A	0.00206808	0.00845216	3.40352	3.40352	0.0117575	3.14645	3.14645	0.205664	1.62633	1.62633	0.0657984	2.12118	2.12118	0.00378989	4.14815	4.14815
cg10524152	ADRA2A	0.00208896	0.0904729	0.564936	-1.77011	0.199928	1.51365	1.51365	0.050108	1.9814	1.9814	0.236202	0.68388	-1.46225	0.00170543	0.253744	-3.94098
cg05238375	ADRA2A	0.00763926	0.596268	0.942266	-1.06127	0.58813	1.0627	1.0627	0.000126313	2.1008	2.1008	0.790566	1.03005	1.03005	0.685562	1.04631	1.04631
cg26926521	ADRA2A;ADRA2A	0.0026123	0.549011	0.917552	-1.08986	0.000873734	2.0308	2.0308	0.0146637	1.53174	1.53174	0.966812	1.00592	1.00592	0.120975	1.26951	1.26951
cg12696037	ADRA2A;ADRA2A	0.0453407	0.00101394	0.299834	-3.33518	0.62511	0.885446	-1.12937	0.292714	1.30956	1.30956	0.264382	0.750206	-1.33297	0.466229	1.20104	1.20104
cg09494752	ADRA2B	0.00569096	0.914348	0.98632	-1.01387	0.260057	0.860358	-1.16231	0.902102	1.01588	1.01588	0.000275809	0.466546	-2.14341	0.0172247	0.689672	-1.44996
cg00594716	ADRA2B	0.0239975	0.679292	0.900631	-1.11033	0.281415	0.754405	-1.32555	0.968821	0.990209	-1.00989	0.8798	0.962621	-1.03883	0.00198861	0.333118	-3.00194
cg10235817	ADRA2C	0.00557634	0.820379	1.07081	1.07081	0.144657	1.60215	1.60215	0.139104	1.61437	1.61437	0.0339218	2.10633	2.10633	0.0141314	0.402088	-2.48702
cg11187796	ADRA2C	0.0321789	0.0499005	0.286644	-3.48865	0.496796	0.680112	-1.47035	0.0714048	0.324648	-3.08026	0.0501093	3.4836	3.4836	0.222071	0.488199	-2.04835
cg02086094	ADRA2C	0.0347097	0.0585048	0.480727	-2.08018	0.282683	0.682137	-1.46598	0.595211	1.20172	1.20172	0.200571	1.58926	1.58926	0.0321753	0.423247	-2.36268
cg12094402	ADRA2C	0.0395042	0.860079	0.987314	-1.01285	0.523158	1.04794	1.04794	0.867725	0.988011	-1.01213	0.0177677	0.811756	-1.2319	0.292944	1.08214	1.08214
cg13244559	ADRA2C;ADRA2C	0.0250795	0.427936	0.753313	-1.32747	0.128445	0.562621	-1.7774	0.751722	0.894859	-1.11749	0.0498412	2.18799	2.18799	0.0034303	0.24872	-4.02058
cg05575054	ADRB1	0.000860314	0.00664852	5.06859	5.06859	0.0784381	0.406222	-2.46171	0.1173	0.456586	-2.19017	0.977051	0.986832	-1.01334	0.686597	0.829508	-1.20553
cg14826456	ADRB1	0.00361169	0.0444224	1.81301	1.81301	0.560063	1.16402	1.16402	0.446872	0.818878	-1.22118	0.845917	1.05142	1.05142	0.445219	0.818259	-1.22211
cg17028652	ADRB1;ADRB1	0.000136622	0.0147627	0.720127	-1.38864	0.00051739	0.552845	-1.80883	0.173208	0.853347	-1.17186	0.0603172	0.793085	-1.2609	0.00729073	0.684773	-1.46034
cg27086020	ADRB2	0.0168514	0.0332684	0.642339	-1.55681	0.0825389	1.40786	1.40786	0.0404121	1.52365	1.52365	0.351954	0.843329	-1.18578	0.494448	0.883889	-1.13136
cg01779903	ADRB2	0.0367638	0.0577767	2.40218	2.40218	0.569974	1.25914	1.25914	0.399965	1.4141	1.4141	0.894333	1.0547	1.0547	0.663876	0.839142	-1.19169
cg12355862	ADRB2	0.0480697	0.125899	0.803377	-1.24475	0.804885	0.967809	-1.03326	0.268232	1.16469	1.16469	0.808096	1.03269	1.03269	0.0287158	0.710994	-1.40648
cg11654769	ADRB2;ADRB2	0.00741784	0.116719	1.12616	1.12616	0.0756112	1.14783	1.14783	0.0905644	0.878102	-1.13882	0.381502	1.06457	1.06457	0.000445181	1.47156	1.47156
cg19806221	ADRB3	2.06E-05	0.000133951	0.479703	-2.08462	2.68E-06	0.285371	-3.50421	0.0133535	0.711636	-1.40521	0.00568235	0.668532	-1.49581	0.470097	1.08499	1.08499
cg09442828	ADRB3	0.000479395	0.279877	0.829241	-1.20592	0.000730135	2.35356	2.35356	0.00223027	2.04189	2.04189	0.374291	1.16417	1.16417	0.0216285	0.631468	-1.58361
cg17619823	ADRB3	0.002165	0.0997633	0.795678	-1.25679	0.664457	1.05686	1.05686	0.877843	0.980699	-1.01968	0.0426632	0.744022	-1.34405	0.00260336	0.58948	-1.69641
cg00432461	ADRB3	0.00355165	0.316094	1.25561	1.25561	0.0768976	1.54036	1.54036	0.0526022	0.616364	-1.62242	0.0376442	0.588866	-1.69818	0.00215542	0.388296	-2.57535
cg09258813	ADRB3	0.0267318	0.939216	1.04136	1.04136	0.61756	1.30671	1.30671	0.133853	0.423509	-2.36122	0.280695	1.81461	1.81461	0.789695	1.15264	1.15264
cg16223863	ADRB3	0.0487353	0.976178	0.993965	-1.00607	0.581466	1.11949	1.11949	0.476222	1.15819	1.15819	0.291514	0.800998	-1.24844	0.430719	0.849546	-1.1771
cg03103178	ADRB3;ADRB3	0.00752299	0.526287	0.874219	-1.14388	0.348738	0.817128	-1.2238	0.87994	0.968852	-1.03215	0.339904	1.22865	1.22865	0.15182	0.725102	-1.37912
cg24438644	ADRB3;ADRB3	0.0137286	0.294438	1.28318	1.28318	0.000819204	3.17846	3.17846	0.0213571	1.88557	1.88557	0.0996277	1.51258	1.51258	0.664726	1.10516	1.10516
cg08615650	ADRBK1	0.00144622	0.00298202	0.637867	-1.56773	0.162364	0.848218	-1.17894	0.0011382	0.589686	-1.69582	0.110192	0.825202	-1.21182	0.516492	0.929979	-1.07529
cg21836487	ADRBK1	0.00345487	0.127579	0.842844	-1.18646	0.0201787	0.747706	-1.33742	0.262125	1.12901	1.12901	0.273532	1.12552	1.12552	0.0812574	1.2221	1.2221
cg07120479	ADRBK1	0.00355197	0.135791	0.749179	-1.33479	0.206507	1.27042	1.27042	0.465345	1.14279	1.14279	0.358226	0.843901	-1.18497	0.169533	0.768835	-1.30067
cg04731714	ADRBK1	0.0047274	0.0993482	0.708635	-1.41116	0.00176901	0.427863	-2.3372	0.0318068	0.618939	-1.61567	0.471179	0.869577	-1.14998	0.000352659	0.334725	-2.98752
cg14519515	ADRBK1	0.00622927	0.856217	1.06683	1.06683	0.000623076	6.53541	6.53541	0.00389857	3.99884	3.99884	0.00458798	3.84156	3.84156	0.258345	1.52295	1.52295
cg19905880	ADRBK1	0.006296	0.658497	1.14248	1.14248	0.0121557	0.39223	-2.54952	0.17667	1.53739	1.53739	0.780804	0.919858	-1.08712	0.00313053	0.298275	-3.35261
cg11455690	ADRBK1	0.00873208	0.426339	1.47422	1.47422	0.343125	0.62668	-1.59571	0.417904	0.673275	-1.48528	0.599511	0.776677	-1.28754	0.0796173	0.389889	-2.56483
cg14197881	ADRBK1	0.0150248	0.0165611	0.34818	-2.87207	0.462505	1.30942	1.30942	0.626861	0.838125	-1.19314	0.0890279	0.508641	-1.96602	0.0307671	0.400733	-2.49543
cg22234061	ADRBK1	0.0250958	0.207292	0.8158	-1.22579	0.0105091	0.610837	-1.6371	0.223296	0.822101	-1.2164	0.151044	0.79012	-1.26563	0.097744	0.757199	-1.32066
cg13913149	ADRBK1	0.0336717	0.641152	0.887191	-1.12715	0.378608	1.25903	1.25903	0.00887905	2.33765	2.33765	0.00675829	0.408489	-2.44805	0.967213	1.01054	1.01054
cg18852857	ADRBK2	0.00469615	0.00609252	0.581652	-1.71924	0.018934	1.53741	1.53741	0.0328373	1.45907	1.45907	0.0479801	0.710261	-1.40793	0.00246012	0.528662	-1.89157
cg08908004	ADRBK2	0.0194146	0.103249	0.634183	-1.57683	0.154617	0.677508	-1.476	0.000346284	0.229707	-4.35338	0.103171	0.634105	-1.57703	0.171024	0.68902	-1.45134
cg19660720	ADRBK2	0.0306869	0.110456	1.64998	1.64998	0.171451	1.52069	1.52069	0.541517	1.19474	1.19474	0.0998112	1.68072	1.68072	0.0463986	0.518497	-1.92865
cg05882426	ADRBK2;ADRBK2	9.51E-07	0.629482	1.0423	1.0423	0.000186755	1.71163	1.71163	1.52E-05	2.14665	2.14665	0.000553836	1.57896	1.57896	0.40326	0.929703	-1.07561
cg15276500	ADRM1;ADRM1	0.000894344	0.353825	1.17439	1.17439	0.895839	0.97817	-1.02232	0.954479	0.990427	-1.00967	0.946287	0.988711	-1.01142	0.649299	1.0802	1.0802
cg10679147	ADRM1;ADRM1	0.0096774	0.0105494	0.45221	-2.21136	0.54995	0.861391	-1.16091	0.670613	0.899848	-1.1113	0.00383904	0.382434	-2.61483	0.0091129	0.441661	-2.26418
cg24444756	ADRM1;ADRM1	0.0126996	0.75985	1.04894	1.04894	0.187308	0.804305	-1.24331	0.13074	1.28955	1.28955	0.675786	1.06774	1.06774	0.174025	0.798233	-1.25277
cg16389474	ADRM1;ADRM1	0.0143438	0.780858	0.961684	-1.03984	0.0693949	1.32918	1.32918	0.572362	1.0832	1.0832	0.887378	1.02005	1.02005	0.309393	1.15878	1.15878
cg25636159	ADSL;ADSL	0.000314791	2.55E-05	0.0759612	-13.1646	0.0639437	1.90133	1.90133	0.292312	0.713798	-1.40096	0.610569	1.17174	1.17174	0.040784	0.482507	-2.07251
cg25784395	ADSL;ADSL	0.00350725	0.424288	0.94143	-1.06221	0.0379177	0.836923	-1.19485	0.841856	0.985333	-1.01489	0.00183241	0.720781	-1.38738	0.241476	1.09493	1.09493
cg01604611	ADSL;ADSL	0.0136663	0.0934595	0.600443	-1.66544	0.0110523	0.414314	-2.41363	0.71472	1.10683	1.10683	0.00470321	0.353958	-2.8252	0.00929412	0.401563	-2.49027
cg11191653	ADSL;ADSL	0.0253483	0.392752	1.09559	1.09559	0.0140962	1.37158	1.37158	0.0553159	1.25423	1.25423	0.280066	0.889504	-1.12422	0.913222	1.01143	1.01143
cg27304757	ADSL;ADSL	0.0282155	0.0600014	0.762437	-1.31158	0.0852925	0.784125	-1.27531	0.0040142	1.63913	1.63913	0.514633	0.918998	-1.08814	0.0674994	0.769611	-1.29936
cg15027433	ADSS	3.41E-05	0.00715923	1.64454	1.64454	0.00115875	0.504781	-1.98106	0.104007	0.775197	-1.29	0.684	1.06037	1.06037	1.04E-05	0.259041	-3.86039
cg26670485	ADSS	7.30E-05	0.229866	1.07323	1.07323	0.0381952	1.14427	1.14427	7.79E-05	1.49347	1.49347	0.34989	0.947451	-1.05546	0.0314608	0.868019	-1.15205
cg03992063	ADSS	0.000305524	0.0877021	1.63617	1.63617	0.118339	0.642166	-1.55723	0.633153	0.881963	-1.13383	0.170105	1.46473	1.46473	1.81E-05	0.101648	-9.83789
cg00418219	ADSS	0.00460858	0.668875	1.13562	1.13562	0.419883	0.783788	-1.27586	0.132222	0.618627	-1.61648	0.488717	0.812276	-1.23111	0.0117392	0.394342	-2.53587
cg06090351	ADSS	0.0311552	0.119584	0.853313	-1.1719	0.273535	1.11296	1.11296	0.112266	0.850099	-1.17633	0.214981	0.884621	-1.13043	0.32705	1.09969	1.09969
cg01012879	ADSS	0.0457183	0.0140911	0.216651	-4.61571	0.311415	0.589439	-1.69653	0.0528766	3.03612	3.03612	0.51379	1.39684	1.39684	0.018049	0.234624	-4.26213
cg04578317	ADSSL1	0.000536273	0.0141688	1.54368	1.54368	0.000397501	2.24504	2.24504	0.0382908	0.708656	-1.41112	0.932923	0.987997	-1.01215	0.0264247	0.685525	-1.45874
cg13636887	ADSSL1	0.0477698	0.0879426	2.07186	2.07186	0.168451	1.76416	1.76416	0.958561	1.0203	1.0203	0.560816	1.25545	1.25545	0.0187874	3.00787	3.00787
cg02263377	ADSSL1;ADSSL1	7.19E-07	4.31E-05	0.170958	-5.8494	3.23E-07	0.0339675	-29.4399	7.73E-06	0.107357	-9.31471	3.21E-05	0.158902	-6.29318	0.000348066	0.270417	-3.698
cg21190363	ADSSL1;ADSSL1	0.000195009	0.0291007	0.616023	-1.62331	0.270774	1.2411	1.2411	0.88932	0.974111	-1.02658	0.572943	0.898252	-1.11327	1.62E-06	0.102934	-9.71497
cg18951582	ADSSL1;ADSSL1	0.00396106	0.00887548	0.198529	-5.03704	0.0180343	0.247901	-4.03387	0.0114324	0.215114	-4.64869	0.66879	0.811448	-1.23236	0.000803794	0.085805	-11.6543
cg20546518	ADSSL1;ADSSL1	0.00582558	0.00404816	0.390873	-2.55838	0.00129634	0.319662	-3.1283	0.0164012	0.489754	-2.04184	0.00943883	0.449029	-2.22703	0.00227605	0.353912	-2.82556
cg11157486	ADSSL1;ADSSL1	0.00812041	0.00553789	0.343984	-2.90711	0.0575916	0.533314	-1.87507	0.00753954	0.365473	-2.73618	0.759851	0.914151	-1.09391	0.00134328	0.255622	-3.91203
cg27312798	ADSSL1;ADSSL1	0.011042	0.0427568	1.99789	1.99789	0.0329731	0.477089	-2.09604	0.0220635	0.442771	-2.2585	0.774049	0.918129	-1.08917	0.00185669	0.269617	-3.70896
cg13127574	ADSSL1;ADSSL1	0.0140987	0.0117569	0.556693	-1.79632	0.00116548	0.411721	-2.42883	0.0172856	0.5829	-1.71556	0.440653	0.863842	-1.15762	0.179929	0.767144	-1.30354
cg18449024	ADSSL1;ADSSL1	0.0171657	0.650012	0.883901	-1.13135	0.240648	0.717576	-1.39358	0.00073867	0.250382	-3.99389	0.875838	0.958637	-1.04315	0.020976	0.47222	-2.11766
cg11037918	ADSSL1;ADSSL1	0.0216663	0.77485	0.919394	-1.08767	0.703642	1.11851	1.11851	0.800925	0.928635	-1.07685	0.0792601	0.564996	-1.76993	0.000781325	0.225623	-4.43218
cg01216100	ADSSL1;ADSSL1	0.0287813	0.443487	0.858487	-1.16484	0.104303	0.706954	-1.41452	0.0162872	0.563431	-1.77484	0.831148	0.959156	-1.04258	0.953838	0.988758	-1.01137
cg15394200	ADSSL1;ADSSL1	0.0303475	0.321881	0.746733	-1.33917	0.957263	1.01541	1.01541	0.049696	0.527859	-1.89444	0.216198	1.44978	1.44978	0.625821	0.869148	-1.15055
cg26151910	ADSSL1;ADSSL1	0.0467331	0.718139	1.07264	1.07264	0.54175	1.12693	1.12693	0.00492872	0.486491	-2.05554	0.901626	0.97636	-1.02421	0.13226	0.73032	-1.36926
cg06852744	AEBP1	0.00063267	0.074954	0.825093	-1.21198	0.00016025	0.535178	-1.86854	0.00087593	0.616462	-1.62216	0.0135858	0.743761	-1.34452	0.00132821	0.636029	-1.57226
cg10480062	AEBP1	0.0010988	0.878073	1.02145	1.02145	0.0196414	0.677238	-1.47659	0.000161457	0.410394	-2.43669	0.92714	1.01273	1.01273	0.000281436	0.440043	-2.27251
cg08495088	AEBP1	0.00370544	0.017656	0.299766	-3.33593	0.00230718	0.169082	-5.9143	0.00332988	0.188615	-5.3018	0.761334	0.880599	-1.13559	0.00643177	0.227785	-4.39011
cg18065597	AEBP1	0.00548156	0.0758063	0.8014	-1.24782	0.0985919	1.22498	1.22498	0.33166	0.893857	-1.11875	0.613926	0.944603	-1.05865	0.00579919	0.667056	-1.49912
cg08739576	AEBP1	0.0107365	0.0329655	0.734524	-1.36143	0.732463	1.04336	1.04336	0.0819621	1.26926	1.26926	0.013138	1.46293	1.46293	0.13957	0.821453	-1.21736
cg06475514	AEBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01399219	AEBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12955216	AEBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27493928	AEBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10873171	AEBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26233373	0.403129	0.813515	-1.22923	0.283079	1.30872	1.30872	0.316815	0.779082	-1.28356	0.389574	0.808403	-1.23701	4.12532	3.8021	0.819244	1
cg10862018	0.202982	1.33043	1.33043	0.0534279	1.59372	1.59372	0.709216	1.08283	1.08283	0.152612	0.722192	-1.38467	17.3458	12.3983	0.635354	1
cg06671139	0.0113071	0.832197	-1.20164	0.0103679	0.829485	-1.20557	0.0012709	1.31289	1.31289	0.405311	1.05054	1.05054	7.7351	0.410757	0.0472027	1
cg14418942	0.0183728	0.546593	-1.82951	0.0409369	0.607682	-1.6456	0.160019	1.37292	1.37292	0.112157	1.44079	1.44079	6.55762	4.62944	0.627524	1
cg05159192	0.164175	1.52183	1.52183	0.502559	0.824905	-1.21226	0.192991	1.47656	1.47656	0.334094	0.754414	-1.32553	6.74642	6.65018	1.12655	1
cg17127015	0.0162102	0.2357	-4.24268	0.000486512	0.0680877	-14.6869	0.388652	1.54372	1.54372	0.0622814	0.356522	-2.80488	5.93397	22.6986	3.40017	1
cg04002203	0.302384	1.18359	1.18359	0.0122149	0.61105	-1.63653	0.515442	1.10965	1.10965	0.0100936	0.599225	-1.66882	5.80155	2.28696	0.350398	1
cg19280364	0.0811296	0.559369	-1.78773	0.261602	1.42149	1.42149	0.0305012	0.465882	-2.14647	0.281973	0.714691	-1.39921	4.85296	6.93716	1.27064	1
cg20052355	0.0565944	1.24482	1.24482	0.336023	0.904238	-1.1059	0.647633	1.0478	1.0478	0.0175048	1.34103	1.34103	4.12467	0.672646	0.144959	1
cg12691651	0.278101	0.5848	-1.70999	0.00272502	0.139659	-7.16029	0.0407562	0.325123	-3.07576	0.086038	0.405625	-2.46533	4.05277	14.5234	3.18541	1
cg05961212	0.51695	0.886962	-1.12744	0.497375	0.881808	-1.13403	0.0461982	0.659022	-1.5174	0.924841	0.982921	-1.01738	7.60001	4.01165	0.469198	1
cg10994564	0.0400498	0.262223	-3.81355	0.0171438	0.194222	-5.14876	0.576932	0.727657	-1.37427	0.0330557	0.24514	-4.0793	5.06817	25.543	4.4799	1
cg17283447	0.802026	1.05324	1.05324	0.0416239	0.615699	-1.62417	0.0042921	0.454473	-2.20035	0.636635	1.10324	1.10324	4.77781	3.226	0.600181	1
cg01788444	0.298178	1.50977	1.50977	0.0937348	0.494562	-2.02199	0.0102343	3.44381	3.44381	0.885054	1.05681	1.05681	4.54021	10.4934	2.05441	1
cg18027174	0.587537	0.893711	-1.11893	0.167399	0.739361	-1.35252	0.00660506	0.485016	-2.06179	0.753771	0.937475	-1.0667	4.30787	2.8725	0.592714	1
cg12622519	0.160866	0.664699	-1.50444	0.0646681	1.76103	1.76103	0.00225263	3.20889	3.20889	0.23002	1.40977	1.40977	6.43593	7.57987	1.04688	1
cg21304833	0.225729	0.596306	-1.67699	0.888336	1.05875	1.05875	0.0250001	2.95583	2.95583	0.799371	0.901677	-1.10905	3.44581	9.01281	2.32497	1
cg17414127	0.952895	0.98666	-1.01352	0.4511	0.839828	-1.19072	0.274536	0.772232	-1.29495	0.702291	1.09123	1.09123	3.39818	2.78167	0.727621	1
cg20618527	0.323817	0.698918	-1.43078	0.00305966	4.1614	4.1614	0.820396	1.08322	1.08322	0.18906	0.613166	-1.63088	13.6061	26.6303	1.73977	1
cg16322397	0.560624	0.941308	-1.06235	0.0558109	1.24948	1.24948	0.721288	1.03751	1.03751	0.338247	0.903504	-1.1068	9.91528	1.65931	0.148754	1
cg08112879	0.810702	1.05047	1.05047	0.119247	1.41475	1.41475	0.133938	0.717709	-1.39332	0.152828	0.730375	-1.36916	8.49149	5.66327	0.59283	1
cg04579632	0.127173	0.520234	-1.92221	0.0062137	0.243367	-4.10902	0.0465631	0.405386	-2.46678	0.0179473	0.320051	-3.1245	7.22334	17.9527	2.20922	1
cg20849855	0.107795	0.431826	-2.31575	0.00192214	0.122287	-8.17749	0.0014573	0.110801	-9.02517	0.0293746	0.292925	-3.41384	6.82417	24.7474	3.2235	1
cg19397969	0.28319	0.741464	-1.34868	0.010281	0.41996	-2.38118	0.535097	0.844927	-1.18353	0.0210832	0.475121	-2.10473	6.80875	7.76058	1.01315	1
cg20097507	0.0279216	0.727662	-1.37426	0.00739153	1.52561	1.52561	0.34738	1.12571	1.12571	0.653889	0.946263	-1.05679	6.15249	1.45953	0.210868	1
cg20566904	0.0367162	0.511644	-1.95448	0.0541842	1.82828	1.82828	0.0823414	0.58779	-1.70129	0.00907767	0.400317	-2.49802	5.49276	6.63272	1.07337	1
cg26308932	0.612488	0.91329	-1.09494	0.00561458	0.524342	-1.90715	0.00255875	0.475745	-2.10196	0.0414077	0.658577	-1.51842	5.44626	2.71978	0.443898	1
cg17895080	0.0845799	0.592202	-1.68861	0.0392039	0.519276	-1.92576	0.764619	0.92084	-1.08596	0.258745	0.723532	-1.38211	5.41208	6.46507	1.06183	1
cg01421309	0.782008	0.931632	-1.07339	0.0197851	2.05133	2.05133	0.343673	1.2828	1.2828	0.192893	0.703408	-1.42165	5.18486	5.35261	0.917648	1
cg27163431	0.80934	0.94994	-1.0527	0.0448349	1.63109	1.63109	0.0307612	1.71437	1.71437	0.217897	0.75928	-1.31704	5.12959	3.66723	0.635481	1
cg05911765	0.188047	0.736995	-1.35686	0.0137246	0.513431	-1.94768	0.00871063	0.481288	-2.07776	0.103583	0.677436	-1.47615	4.63019	3.50981	0.673802	1
cg25743531	0.00763284	0.5071	-1.972	0.136312	1.37405	1.37405	0.276262	0.799149	-1.25133	0.205344	0.767568	-1.30282	4.61647	2.86565	0.551773	1
cg05392008	0.00161453	0.492018	-2.03245	0.30058	1.18328	1.18328	0.0447438	0.696653	-1.43544	0.169502	0.794853	-1.25809	4.43515	1.72889	0.346502	1
cg00767058	0.0268847	0.22197	-4.50511	0.0544816	0.285703	-3.50014	0.0572011	0.290711	-3.43985	0.0147359	0.17843	-5.60443	4.42018	23.0826	4.64187	1
cg22782070	0.386237	1.19671	1.19671	0.795195	1.054	1.054	0.249496	1.27549	1.27549	0.995936	1.00103	1.00103	4.27811	2.76954	0.575444	1
cg26112170	0.0180079	0.230298	-4.3422	0.160741	0.465089	-2.15013	0.0282445	0.266172	-3.75696	0.0157486	0.220476	-4.53564	3.97025	16.4164	3.67542	1
cg14622533	0.0994762	0.619354	-1.61458	0.0230664	2.05647	2.05647	0.197617	0.69675	-1.43524	0.0259627	0.495944	-2.01636	3.57432	3.985	0.99102	1
cg05163330	0.0256048	0.157058	-6.36707	0.211053	0.398587	-2.50886	0.0688314	0.241359	-4.14321	0.0285889	0.164808	-6.06767	3.51434	27.121	6.85977	1
cg26619725	0.524115	1.15017	1.15017	0.919881	0.978432	-1.02204	0.541039	0.874498	-1.14351	0.263085	0.776576	-1.2877	3.40917	2.53605	0.661237	1
cg06814637	0.798725	1.04743	1.04743	0.752738	1.05898	1.05898	0.168257	0.766245	-1.30507	0.290743	1.21995	1.21995	5.03993	2.62462	0.462903	1
cg10017619	0.0149793	0.290323	-3.44444	0.0259076	0.335056	-2.98458	0.242671	0.60317	-1.65791	0.0604258	0.41665	-2.4001	3.76305	10.1893	2.40686	1
cg03651608	0.0952394	0.836498	-1.19546	0.00211236	0.65641	-1.52344	0.022739	1.30413	1.30413	0.00140411	1.56912	1.56912	11.0588	1.66136	0.133538	1
cg26730369	0.477893	0.827219	-1.20887	0.806554	1.06662	1.06662	0.00212178	3.11248	3.11248	0.0232396	2.04037	2.04037	8.84761	9.6838	0.972899	1
cg02776627	0.476321	0.770525	-1.29782	0.0111593	0.318254	-3.14214	0.767738	0.898883	-1.11249	0.0781895	0.49443	-2.02253	8.30641	17.0446	1.82398	1
cg23289779	0.448972	1.31014	1.31014	0.0012663	0.192634	-5.1912	0.430861	0.754658	-1.3251	0.0394209	0.434217	-2.30299	5.50356	10.6843	1.72564	1
cg02501086	0.088738	1.42505	1.42505	0.000276246	0.325245	-3.0746	0.642147	1.0923	1.0923	0.549385	0.892008	-1.12107	5.39115	3.03889	0.501049	1
cg02409177	0.923695	0.940078	-1.06374	0.00184653	17.3158	17.3158	0.0111014	7.79733	7.79733	0.0512158	4.1871	4.1871	4.75549	31.3341	5.85692	1
cg09557462	0.775458	0.749273	-1.33463	0.146807	4.81481	4.81481	0.0256701	14.5122	14.5122	0.0498528	9.56147	9.56147	3.5123	56.6687	14.3416	1
cg07645844	0.923362	1.09539	1.09539	0.00702617	27.1119	27.1119	0.0228441	13.1823	13.1823	0.0468876	8.62045	8.62045	3.49711	49.6591	12.6223	1
cg17979970	0.319881	1.21881	1.21881	0.00870442	0.525408	-1.90328	0.00519496	0.491608	-2.03414	0.00130989	0.406318	-2.46113	15.3939	9.03527	0.521721	1
cg03825010	?	?	?	?	?	?	0.832121	1.11995	1.11995	0.0416597	3.50161	3.50161	14.8177	51.9816	4.00921	1
cg17265790	0.371507	0.830882	-1.20354	6.78E-05	0.229411	-4.35899	0.303062	0.806222	-1.24035	0.393361	1.19308	1.19308	7.52549	4.85901	0.573932	1
cg00107579	0.0721782	0.652532	-1.53249	0.0245663	0.565719	-1.76766	0.0605967	1.56841	1.56841	0.195723	1.33786	1.33786	6.25196	4.48087	0.637079	1
cg05583171	0.389206	0.779613	-1.28269	0.102145	0.603676	-1.65652	0.218799	0.694266	-1.44037	0.500698	0.824614	-1.21269	4.94333	6.23187	1.12059	1
cg22279415	0.0599659	0.663549	-1.50705	0.151702	0.743157	-1.34561	0.0192544	1.72845	1.72845	0.831688	1.04199	1.04199	3.64187	2.15453	0.525867	1
cg09540961	0.172903	0.911431	-1.09718	0.000102652	0.644294	-1.55209	4.44E-06	1.96509	1.96509	0.072985	0.87997	-1.1364	22.648	1.46643	0.0575546	1
cg25976621	0.131501	0.648789	-1.54133	0.0306755	0.509332	-1.96336	0.0013039	0.2882	-3.46981	0.478913	1.2108	1.2108	10.1472	11.3479	0.994071	1
cg02190127	0.0127772	2.99317	2.99317	0.000370545	7.5347	7.5347	0.016688	2.81713	2.81713	0.0150583	2.88336	2.88336	7.657	15.2344	1.76854	1
cg10054025	0.80294	1.02666	1.02666	0.466885	1.08102	1.08102	0.0101795	0.711069	-1.40633	0.902303	1.01301	1.01301	6.74437	1.18269	0.155875	1
cg11449039	0.275235	1.31773	1.31773	0.184624	1.40779	1.40779	0.000616739	0.277659	-3.60154	0.981002	0.994229	-1.0058	4.19571	3.92601	0.831751	1
cg12215340	0.590299	0.880176	-1.13614	0.000824774	0.306368	-3.26405	0.000121676	4.83391	4.83391	0.697637	0.912398	-1.09601	9.77333	8.53515	0.776276	1
cg05329352	0.00261047	4.566	4.566	0.000121891	11.5137	11.5137	0.0037475	4.16002	4.16002	0.0343743	2.45703	2.45703	9.54825	20.0644	1.86789	1
cg10524152	0.490656	0.807085	-1.23903	0.000327155	0.169115	-5.91312	0.073801	1.84057	1.84057	0.0575041	1.9302	1.9302	9.5203	14.1301	1.31929	1
cg05238375	0.149633	1.18747	1.18747	0.64188	1.05347	1.05347	0.868648	1.01858	1.01858	0.0116911	1.41966	1.41966	6.43678	1.26113	0.174156	1
cg26926521	0.00308042	0.562755	-1.77697	0.129986	1.26126	1.26126	0.00864284	0.621829	-1.60816	0.399095	0.884699	-1.13033	8.91587	2.84372	0.283512	1
cg12696037	0.701134	0.909125	-1.09996	0.912756	1.02745	1.02745	0.238421	0.737068	-1.35673	0.403569	0.809636	-1.23512	3.51558	3.39857	0.859303	1
cg09494752	0.00610619	0.632405	-1.58126	0.0542212	0.756007	-1.32274	0.611882	0.936591	-1.0677	0.00677228	0.638055	-1.56726	7.05317	1.83097	0.230752	1
cg00594716	0.431012	0.816819	-1.22426	0.00280754	0.354704	-2.81925	0.279592	1.32708	1.32708	0.518856	0.848199	-1.17897	4.41956	4.43609	0.892214	1
cg10235817	0.124628	0.606428	-1.649	0.0117523	0.387974	-2.57749	0.00150931	3.956	3.956	0.572267	0.842252	-1.18729	7.09744	10.1738	1.27417	1
cg11187796	0.795947	0.865199	-1.1558	0.00271686	0.098914	-10.1098	0.15055	0.422763	-2.36539	0.245058	0.506922	-1.97269	3.98592	19.708	4.39504	1
cg02086094	0.0615181	0.485898	-2.05804	0.0247163	0.399991	-2.50005	0.0422702	2.22916	2.22916	0.268535	0.673749	-1.48423	3.8788	7.21344	1.65308	1
cg12094402	0.0635148	1.16296	1.16296	0.0253507	0.825031	-1.21208	0.0345184	1.19528	1.19528	0.390392	1.06575	1.06575	3.70008	0.306807	0.0737057	1
cg13244559	0.385092	0.732218	-1.36571	0.0166285	0.359305	-2.78315	0.449196	0.763442	-1.30986	0.0308403	0.411698	-2.42897	4.35243	8.44472	1.72465	1
cg05575054	0.897811	0.942508	-1.061	0.712435	0.843152	-1.18603	0.000206128	17.5436	17.5436	0.000143272	20.4982	20.4982	12.278	41.2968	2.98975	1
cg14826456	0.0625113	0.582573	-1.71652	0.0862884	0.613582	-1.62977	0.930745	0.977846	-1.02266	9.90E-05	5.93713	5.93713	8.09726	8.51903	0.935189	1
cg17028652	0.17788	0.854986	-1.16961	0.000120503	0.479371	-2.08607	3.76E-05	2.37803	2.37803	0.461947	1.0854	1.0854	20.3628	3.86173	0.168575	1
cg27086020	0.132874	1.33435	1.33435	0.00217142	0.465185	-2.14968	0.574347	0.903977	-1.10622	0.577088	0.904644	-1.10541	4.98409	2.49791	0.44549	1
cg01779903	0.0163822	3.36723	3.36723	0.103639	0.485212	-2.06095	0.0085784	0.247234	-4.04475	0.57417	0.796228	-1.25592	4.15868	10.3532	1.9363	1
cg12355862	0.16772	0.823338	-1.21457	0.00432219	0.603935	-1.65581	0.284128	1.15847	1.15847	0.782469	1.03727	1.03727	3.43908	0.951918	0.246039	1
cg11654769	0.0120494	1.24392	1.24392	0.245049	1.08846	1.08846	0.212615	1.09583	1.09583	0.00873412	1.26225	1.26225	6.49638	0.499987	0.0684125	1
cg19806221	0.00069477	0.563031	-1.7761	9.60E-06	0.347084	-2.88114	2.07E-05	0.385278	-2.59553	0.00637839	0.674336	-1.48294	33.6004	6.55664	0.173454	1
cg09442828	0.0209146	0.629244	-1.58921	0.00994186	0.581165	-1.72068	0.000319151	2.64126	2.64126	0.0200341	1.59642	1.59642	14.4582	6.36208	0.391139	1
cg17619823	0.00340324	0.603857	-1.65602	0.8946	1.01694	1.01694	0.000887335	1.87948	1.87948	0.037476	1.35784	1.35784	9.42138	2.3956	0.22602	1
cg00432461	0.000758855	0.325986	-3.06761	0.00373217	0.423134	-2.36332	0.390302	0.824222	-1.21327	0.722123	0.924579	-1.08157	8.13804	6.21593	0.678944	1
cg09258813	0.522018	1.41177	1.41177	0.860084	1.0983	1.0983	0.000483966	18.3163	18.3163	0.798716	0.873021	-1.14545	4.25654	19.0379	3.97566	1
cg16223863	0.210336	0.765203	-1.30684	0.723506	1.07467	1.07467	0.109066	1.42514	1.42514	0.00183516	2.45281	2.45281	3.42123	2.22709	0.578633	1
cg03103178	0.0130592	0.52486	-1.90527	0.0126798	0.522776	-1.91286	0.000980261	2.79045	2.79045	0.112435	0.696427	-1.4359	6.4678	4.48963	0.617022	1
cg24438644	0.48153	1.17827	1.17827	0.654326	0.901816	-1.10887	0.0140007	2.00529	2.00529	0.0108591	2.08218	2.08218	5.33407	4.44188	0.740211	1
cg08615650	?	?	?	0.00860092	1.44746	1.44746	0.992864	1.00099	1.00099	0.000488431	0.547162	-1.82761	10.8369	1.85804	0.171456	1
cg21836487	0.033468	1.29412	1.29412	0.000179038	1.9319	1.9319	0.499688	1.07369	1.07369	0.180741	0.862879	-1.15891	8.2056	1.39951	0.151604	1
cg07120479	0.000326105	0.352263	-2.83879	0.000514384	0.377633	-2.64807	0.416353	0.861377	-1.16093	0.608811	1.09716	1.09716	8.13781	4.15918	0.454305	1
cg04731714	0.220223	0.782118	-1.27858	0.169198	1.32213	1.32213	0.295438	1.22981	1.22981	0.875047	0.970443	-1.03046	7.46506	4.29765	0.511735	1
cg14519515	0.535537	1.2508	1.2508	0.697944	1.14924	1.14924	0.00733894	3.43033	3.43033	0.0309222	2.46885	2.46885	6.8592	13.8194	1.79086	1
cg19905880	0.00236492	0.280893	-3.56007	0.469037	1.24682	1.24682	0.695814	0.888996	-1.12486	0.00416671	0.316677	-3.15779	6.83661	9.70951	1.26242	1
cg11455690	0.113263	0.435269	-2.29743	0.0840297	2.5221	2.5221	0.0388815	3.20812	3.20812	0.000440984	0.0576	-17.3611	7.04285	24.774	2.73592	1
cg14197881	0.396735	1.36725	1.36725	0.0408302	2.34191	2.34191	0.0153898	2.92092	2.92092	0.0420886	0.429914	-2.32605	5.17788	10.6543	1.82902	1
cg22234061	0.76426	0.955	-1.04712	0.00374169	1.82084	1.82084	0.954074	1.00886	1.00886	0.906714	0.982213	-1.01811	4.35144	1.61523	0.329952	1
cg13913149	0.426332	0.81292	-1.23013	0.913194	0.972577	-1.0282	0.0914588	0.622555	-1.60628	0.263885	1.34578	1.34578	3.92153	4.03838	0.915375	1
cg18852857	0.570954	1.09053	1.09053	0.0310427	1.46683	1.46683	0.50348	0.902353	-1.10821	0.717008	0.946402	-1.05663	7.48014	2.71328	0.322428	1
cg08908004	0.258436	0.739836	-1.35165	0.0248	0.505203	-1.9794	0.352148	0.782955	-1.27721	0.359556	0.786055	-1.27218	4.75222	4.91501	0.919338	1
cg19660720	0.0676638	1.80276	1.80276	0.00253454	3.34135	3.34135	0.155427	1.54904	1.54904	0.659986	1.13593	1.13593	4.05406	5.32163	1.16681	1
cg05882426	0.0328629	1.23702	1.23702	9.41E-05	0.552554	-1.80978	2.26E-08	5.93321	5.93321	0.00306852	1.41266	1.41266	74.2871	8.5444	0.102239	1
cg15276500	0.00646801	1.81593	1.81593	2.64E-05	0.246506	-4.0567	0.0127132	0.593464	-1.68502	0.0626533	0.702569	-1.42335	12.1443	5.46159	0.399755	1
cg10679147	0.0237787	0.513969	-1.94564	0.100045	0.641136	-1.55973	0.572399	1.15109	1.15109	0.0287572	1.88932	1.88932	5.97286	5.75581	0.856588	1
cg24444756	0.00149044	0.489779	-2.04174	0.00675923	0.578622	-1.72824	0.106345	1.31626	1.31626	0.545429	1.10005	1.10005	5.47172	2.10432	0.34185	1
cg16389474	0.00338667	1.74748	1.74748	0.0987863	0.776025	-1.28862	0.0366595	0.711684	-1.40512	0.0136443	0.652198	-1.53328	5.25775	1.63423	0.276286	1
cg25636159	0.0462442	2.0232	2.0232	0.000311744	0.164566	-6.0766	0.796077	0.923193	-1.0832	0.00174002	0.252116	-3.96642	16.2347	24.4851	1.34062	1
cg25784395	0.618699	0.963569	-1.03781	0.335189	1.07628	1.07628	0.702491	0.972014	-1.02879	0.000343793	1.53144	1.53144	8.16875	0.70777	0.0770166	1
cg01604611	?	?	?	0.206279	1.44567	1.44567	0.0442117	0.527787	-1.8947	0.777975	1.08129	1.08129	5.44479	5.85919	1.07611	1
cg11191653	0.330686	1.11034	1.11034	0.00610545	0.688506	-1.45242	0.198898	0.868002	-1.15207	0.257551	0.88408	-1.13112	4.3363	0.746786	0.153082	1
cg27304757	0.307712	0.873738	-1.14451	0.262044	0.861137	-1.16125	0.226633	0.850202	-1.17619	0.247319	1.16722	1.16722	4.17648	1.08091	0.230052	1
cg15027433	0.108685	0.778296	-1.28486	0.080961	0.757902	-1.31943	1.44E-05	0.274308	-3.64553	2.56E-05	0.302447	-3.30636	29.4381	9.56802	0.288908	1
cg26670485	0.00248952	0.789944	-1.26591	6.28E-06	0.56775	-1.76134	0.197072	0.926352	-1.0795	0.934786	0.99542	-1.0046	24.076	1.19996	0.0443027	1
cg03992063	0.108352	0.632838	-1.58018	0.691407	1.10984	1.10984	0.0214503	0.485891	-2.05808	0.00010101	0.165293	-6.04984	16.3682	17.688	0.960563	1
cg00418219	0.511665	1.21745	1.21745	7.11E-05	0.117544	-8.50748	0.626562	0.865067	-1.15598	0.343213	0.749277	-1.33462	7.52306	10.4114	1.23016	1
cg06090351	0.00163273	0.654543	-1.52778	0.160942	0.868801	-1.15101	0.987445	1.00148	1.00148	0.276565	1.11215	1.11215	4.03224	0.56336	0.12419	1
cg01012879	0.496904	0.705997	-1.41644	0.0757007	0.368665	-2.71249	0.935871	0.960197	-1.04145	0.151567	0.460465	-2.17172	3.50466	14.1405	3.58645	1
cg04578317	0.271148	1.17861	1.17861	5.31E-05	2.95182	2.95182	0.108123	1.2859	1.2859	0.325382	0.864443	-1.15681	14.0153	4.56745	0.289681	1
cg13636887	0.319081	1.48929	1.48929	0.00219243	5.26699	5.26699	0.0762255	2.14485	2.14485	0.15881	1.79067	1.79067	3.44722	8.169	2.10643	1
cg02263377	1.99E-05	0.14024	-7.13063	5.31E-08	0.0140987	-70.9284	0.000174542	0.234998	-4.25535	2.69E-06	0.0767965	-13.0214	79.7598	65.3071	0.727821	1
cg21190363	0.409876	0.853197	-1.17206	0.715617	0.933396	-1.07136	0.098355	0.710709	-1.40705	0.19307	0.77146	-1.29624	18.4975	10.396	0.499576	1
cg18951582	0.00813281	0.193053	-5.17992	0.00127932	0.102285	-9.77657	0.0086172	0.196665	-5.0848	0.499513	0.71693	-1.39484	7.87567	29.3988	3.31809	1
cg20546518	0.0370221	0.554673	-1.80286	0.160457	0.694265	-1.44037	0.134919	0.675548	-1.48028	0.00807281	0.437923	-2.2835	7.00258	6.56873	0.833816	1
cg11157486	0.205386	0.676284	-1.47867	0.00451299	0.330198	-3.02849	0.0121327	0.400375	-2.49766	0.0916286	0.580548	-1.72251	6.31438	8.57158	1.20664	1
cg27312798	0.896388	0.962075	-1.03942	0.631864	1.15401	1.15401	0.0090026	0.373251	-2.67916	0.746997	0.908415	-1.10082	5.72549	7.98527	1.23972	1
cg13127574	0.416005	0.856642	-1.16735	0.0284864	0.618059	-1.61797	0.0111351	0.553055	-1.80814	0.0329067	0.628502	-1.59108	5.28766	2.9013	0.487727	1
cg18449024	0.007432	0.39399	-2.53813	0.692967	0.898338	-1.11317	0.850416	1.05233	1.05233	0.166307	0.671161	-1.48996	4.95338	5.72586	1.02751	1
cg11037918	0.513826	0.823638	-1.21413	0.0130218	0.405411	-2.46663	0.92297	1.02875	1.02875	0.0669637	0.547846	-1.82533	4.57786	6.22612	1.20893	1
cg01216100	0.095448	1.43007	1.43007	0.00783486	1.94736	1.94736	0.137726	0.731862	-1.36638	0.156806	0.743971	-1.34414	4.14732	2.50521	0.536938	1
cg15394200	0.00426571	2.97785	2.97785	0.777127	1.08436	1.08436	0.0166343	2.30371	2.30371	0.21888	1.44633	1.44633	4.07014	5.24993	1.14655	1
cg26151910	0.142158	1.35701	1.35701	0.040574	1.58012	1.58012	0.906097	0.977428	-1.02309	0.268667	1.24967	1.24967	3.47586	2.06039	0.526909	1
cg06852744	0.246405	0.889131	-1.12469	0.00295626	1.48523	1.48523	0.0224962	0.767234	-1.30338	0.0634034	0.816794	-1.2243	13.3843	1.99217	0.132305	1
cg10480062	0.0579865	1.34487	1.34487	0.0911036	1.29344	1.29344	0.707967	0.949303	-1.0534	0.0678895	0.753717	-1.32676	11.4558	3.46839	0.269122	1
cg08495088	0.0212025	0.314615	-3.17849	0.220606	0.584193	-1.71176	0.000442466	0.0987339	-10.1282	0.0229176	0.321114	-3.11416	8.03526	22.1717	2.45271	1
cg18065597	0.256328	0.875691	-1.14196	0.000448391	1.8593	1.8593	0.423487	1.09591	1.09591	0.796005	1.02945	1.02945	7.13491	1.41834	0.176701	1
cg08739576	0.199487	1.18258	1.18258	0.00708657	0.650228	-1.53792	0.138227	0.82082	-1.21829	0.0428207	1.3343	1.3343	5.77744	1.40036	0.215453	1
cg06475514	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01399219	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12955216	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27493928	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10873171	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19289921	AEBP1	0.0483938	0.639853	0.878248	-1.13863	0.0412314	0.522715	-1.91309	0.0608712	0.558744	-1.78973	0.491434	1.2123	1.2123	0.00778383	0.390107	-2.5634
cg18789472	AEBP2;AEBP2	8.66E-05	0.976897	1.00429	1.00429	0.00149132	0.508253	-1.96752	0.000453384	0.441935	-2.26278	0.672792	1.06478	1.06478	0.00362382	0.558934	-1.78912
cg17345050	AEBP2;AEBP2	0.00379902	0.321003	1.17119	1.17119	0.000664434	0.447936	-2.23246	0.581987	0.917884	-1.08946	0.387741	1.14618	1.14618	0.0396185	0.692995	-1.44301
cg07849438	AEBP2;AEBP2	0.00964588	0.634484	1.04617	1.04617	0.620963	0.954108	-1.0481	0.793393	0.975565	-1.02505	0.375234	0.917803	-1.08956	0.43729	0.928039	-1.07754
cg00441907	AEBP2;AEBP2	0.0103768	0.0073869	2.12991	2.12991	0.0436576	1.66201	1.66201	0.919804	1.0223	1.0223	0.00232015	2.53918	2.53918	0.0864446	1.51416	1.51416
cg08161947	AEBP2;AEBP2	0.048003	0.183841	1.37823	1.37823	0.0357652	1.74351	1.74351	0.0973285	1.51281	1.51281	0.36286	1.23712	1.23712	0.1681	0.715895	-1.39685
cg26561254	AEN	0.00243011	0.0108449	0.465411	-2.14864	0.24871	0.749578	-1.33408	0.0027913	0.373352	-2.67844	0.0704048	1.62166	1.62166	0.00039647	0.259677	-3.85093
cg00367546	AEN	0.00364213	0.000110765	0.287722	-3.47557	0.0178319	0.590051	-1.69477	0.579985	0.902676	-1.10782	?	?	?	0.0340445	0.635616	-1.57328
cg01185605	AEN	0.0045242	0.000229242	0.302137	-3.30975	0.097227	1.42753	1.42753	0.0812922	0.68528	-1.45926	0.00350983	0.46102	-2.1691	0.274951	0.800806	-1.24874
cg24687276	AEN	0.00985925	0.024729	0.433278	-2.30799	0.0136124	0.384871	-2.59827	0.130584	0.600066	-1.66648	0.644457	0.864709	-1.15646	0.00342421	0.288244	-3.46929
cg04572898	AEN	0.0215425	0.0785958	1.32237	1.32237	0.882442	1.02139	1.02139	0.0716253	1.33338	1.33338	0.060844	0.739158	-1.35289	0.00318562	1.77901	1.77901
cg12741645	AEN	0.0279922	0.033822	0.328887	-3.04056	0.0359824	0.334626	-2.98841	0.0176213	0.273669	-3.65405	0.0687876	0.400909	-2.49433	0.18741	0.53419	-1.87199
cg20616836	AES	0.0145554	0.335242	0.695137	-1.43857	0.450162	0.754586	-1.32523	0.00812307	0.289356	-3.45595	0.233814	1.57897	1.57897	0.0126292	0.321522	-3.11021
cg25471831	AES;AES;AES	9.09E-05	1.68E-05	0.0878642	-11.3812	0.0147562	0.514793	-1.94253	3.39E-05	8.61746	8.61746	0.520212	1.14329	1.14329	0.0866442	0.669385	-1.49391
cg10028549	AFAP1;AFAP1	1.51E-05	0.00118418	1.97917	1.97917	1.53E-05	0.276685	-3.61422	0.417201	1.1264	1.1264	0.0081543	1.62599	1.62599	7.13E-06	0.240684	-4.15482
cg20312457	AFAP1;AFAP1	8.77E-05	4.91E-05	0.312265	-3.2024	0.571535	0.916456	-1.09116	0.00269493	0.531174	-1.88262	0.295079	1.1802	1.1802	4.82E-06	0.202946	-4.92741
cg19702703	AFAP1;AFAP1	0.000243066	0.129431	0.705263	-1.41791	4.18E-05	0.189597	-5.27434	0.85408	1.04002	1.04002	0.714459	1.08147	1.08147	0.000121023	0.239014	-4.18386
cg18688746	AFAP1;AFAP1	0.000429336	0.916236	1.03052	1.03052	0.000132001	0.150293	-6.65368	0.294536	1.36435	1.36435	0.282937	1.3755	1.3755	0.000133012	0.150606	-6.63984
cg03204605	AFAP1;AFAP1	0.000578333	0.140523	0.726858	-1.37579	0.00183581	2.43627	2.43627	0.0552662	1.5484	1.5484	0.858103	1.03667	1.03667	0.169819	0.745103	-1.3421
cg26394788	AFAP1;AFAP1	0.000947747	0.220127	0.865674	-1.15517	0.000549797	1.89897	1.89897	0.0667642	1.26152	1.26152	0.427226	0.913671	-1.09449	0.000199911	0.469176	-2.13139
cg19473989	AFAP1;AFAP1	0.00172965	0.00150992	0.14558	-6.86909	0.0111655	3.82212	3.82212	0.00070962	8.79787	8.79787	0.689815	1.18427	1.18427	0.0364379	0.358746	-2.78749
cg19564367	AFAP1;AFAP1	0.00212069	0.999352	1.00009	1.00009	0.000571472	0.552771	-1.80907	0.00206937	1.61938	1.61938	0.0783452	1.24276	1.24276	0.00987463	0.696038	-1.4367
cg06068179	AFAP1;AFAP1	0.00289279	0.000627622	0.176505	-5.66556	0.103947	1.79773	1.79773	0.513517	1.24432	1.24432	0.236886	0.664428	-1.50505	0.000943189	0.19651	-5.08881
cg07406289	AFAP1;AFAP1	0.00447825	0.0285206	0.469339	-2.13066	0.0678469	1.81967	1.81967	0.547419	1.19506	1.19506	0.426769	0.788588	-1.26809	0.0035316	0.31424	-3.18228
cg21786465	AFAP1;AFAP1	0.00532622	0.360306	0.8879	-1.12625	0.000597779	1.95361	1.95361	0.0181023	1.43748	1.43748	0.654804	1.05854	1.05854	0.294822	1.14724	1.14724
cg18400079	AFAP1;AFAP1	0.0076009	0.00144446	0.150099	-6.66227	0.435653	1.38762	1.38762	0.204141	0.575809	-1.73669	0.546467	0.777729	-1.28579	0.00373113	0.199249	-5.01885
cg22430985	AFAP1;AFAP1	0.011828	0.0198984	0.313894	-3.18579	0.0026435	0.179948	-5.55715	0.197006	0.569897	-1.7547	0.278942	0.628707	-1.59057	0.00841749	0.249733	-4.00428
cg16215705	AFAP1;AFAP1	0.0125095	0.00725443	0.274978	-3.63666	0.0272869	0.377722	-2.64745	0.0540225	0.442561	-2.25957	0.0259529	0.373329	-2.6786	0.00596716	0.261885	-3.81847
cg20187572	AFAP1;AFAP1	0.0180623	0.200121	0.634524	-1.57598	0.0994319	1.83485	1.83485	0.0598978	2.04108	2.04108	0.325774	1.40636	1.40636	0.0418192	0.454537	-2.20004
cg13534536	AFAP1;AFAP1	0.0181657	0.0052868	0.310102	-3.22474	0.239536	0.675555	-1.48026	0.323159	0.72254	-1.38401	0.889454	0.956677	-1.04528	0.709933	1.12635	1.12635
cg02895699	AFAP1;AFAP1	0.0258487	0.00171927	0.176094	-5.67878	0.120625	0.520234	-1.92221	0.0625628	0.443274	-2.25594	0.40249	0.71706	-1.39458	0.0103024	0.285102	-3.50752
cg24250820	AFAP1;AFAP1	0.0260209	0.0164687	0.213274	-4.6888	0.00540003	0.145013	-6.89593	0.137764	0.430552	-2.3226	0.74966	1.18388	1.18388	0.0210774	0.231603	-4.31774
cg12228123	AFAP1;AFAP1;LOC84740	0.00267871	0.218155	1.30031	1.30031	0.00503306	0.471356	-2.12154	0.00911074	0.510858	-1.95749	0.449234	0.855282	-1.16921	0.00227915	0.421032	-2.37512
cg01592387	AFAP1;AFAP1;LOC84740	0.00862428	0.479716	0.81905	-1.22093	0.00478097	2.8307	2.8307	0.0362912	1.96652	1.96652	0.660859	0.884568	-1.1305	0.78378	0.926429	-1.07941
cg09428868	AFAP1;AFAP1;LOC84740	0.0142096	0.983144	1.00682	1.00682	0.0173373	2.54192	2.54192	0.333479	1.37871	1.37871	0.814227	0.927022	-1.07872	0.00338492	0.277257	-3.60676
cg01612656	AFAP1;AFAP1;LOC84740	0.0186372	0.592197	1.32157	1.32157	0.0273555	3.8425	3.8425	0.375598	1.59826	1.59826	0.510525	1.41083	1.41083	0.85067	0.907387	-1.10207
cg21964084	AFAP1;AFAP1;LOC84740	0.0357606	0.0362299	0.631113	-1.5845	0.0478381	0.652052	-1.53362	0.603039	0.905595	-1.10425	0.00650137	0.512468	-1.95134	0.0600297	1.49329	1.49329
cg27200895	AFAP1;AFAP1;LOC84740	0.0419086	0.718141	1.18366	1.18366	0.0463661	2.89061	2.89061	0.377188	1.52427	1.52427	0.402933	1.48908	1.48908	0.357749	0.644076	-1.55261
cg23520478	AFAP1L1;AFAP1L1	0.000332988	0.0257815	1.5154	1.5154	0.000263253	0.390069	-2.56365	0.00566489	0.565591	-1.76806	0.135927	0.777022	-1.28696	2.90E-05	0.275747	-3.62652
cg06692974	AFAP1L1;AFAP1L1	0.00226216	0.0536487	0.651481	-1.53496	0.350329	0.828629	-1.20681	0.00232391	0.435329	-2.29711	0.766364	0.943397	-1.06	0.00038416	0.330168	-3.02876
cg07127357	AFAP1L1;AFAP1L1	0.00407708	0.0829565	0.760284	-1.3153	0.216048	0.83039	-1.20425	0.0805256	0.758266	-1.3188	0.00305828	0.560419	-1.78438	0.000171985	0.402044	-2.48729
cg19437285	AFAP1L1;AFAP1L1	0.043133	0.031531	0.307966	-3.24711	0.498631	1.37826	1.37826	0.831221	0.905122	-1.10482	0.781429	0.878179	-1.13872	0.014574	0.245322	-4.07627
cg17955557	AFAP1L1;AFAP1L1	0.0458216	0.105129	1.48226	1.48226	0.00439305	0.429409	-2.32878	0.0765679	0.645432	-1.54935	0.283091	1.28132	1.28132	0.0579259	0.620979	-1.61036
cg19598094	AFAP1L2;AFAP1L2	8.97E-08	0.00107907	0.704986	-1.41847	0.199296	1.1032	1.1032	0.223629	1.09701	1.09701	0.28366	0.922502	-1.08401	2.66E-09	0.13758	-7.2685
cg24507921	AFAP1L2;AFAP1L2	1.27E-05	0.00733317	3.04945	3.04945	4.66E-05	11.9246	11.9246	2.23E-05	15.537	15.537	1.22E-05	19.6261	19.6261	0.000735042	5.23114	5.23114
cg20048434	AFAP1L2;AFAP1L2	0.00264172	0.0037942	0.449514	-2.22462	0.00223026	0.416042	-2.4036	0.723933	1.07532	1.07532	0.233402	0.774271	-1.29154	0.113318	0.702685	-1.42311
cg04982488	AFAP1L2;AFAP1L2	0.00388029	0.00519393	0.200016	-4.99959	0.000899991	0.114423	-8.73949	0.226738	0.574802	-1.73973	0.0204568	0.29564	-3.3825	0.00172803	0.142229	-7.03092
cg15657704	AFAP1L2;AFAP1L2	0.0461843	0.738611	0.838925	-1.192	0.00615922	6.51433	6.51433	0.0913973	2.65101	2.65101	0.0665442	2.94173	2.94173	0.104196	0.393918	-2.5386
cg20283670	AFAP1L2;AFAP1L2	0.0490819	0.0240537	0.431871	-2.31551	0.194727	0.651829	-1.53414	0.494666	1.24155	1.24155	0.5358	1.21608	1.21608	0.203124	0.657597	-1.52069
cg10983938	AFARP1;SLC16A1;SLC16A1	0.00591981	0.000535611	0.304381	-3.28535	0.967883	0.99115	-1.00893	0.655209	1.10432	1.10432	0.792156	1.06004	1.06004	0.388335	1.21555	1.21555
cg19777710	AFARP1;SLC16A1;SLC16A1	0.00762613	0.00753214	0.459694	-2.17536	0.30065	0.784746	-1.2743	0.347326	0.80356	-1.24446	0.0239472	0.543982	-1.8383	0.000310939	0.266584	-3.75117
cg25391143	AFARP1;SLC16A1;SLC16A1	0.0199663	0.966922	1.0047	1.0047	0.468543	0.919967	-1.087	0.127634	0.830006	-1.20481	0.639715	1.05477	1.05477	0.739629	0.962978	-1.03845
cg24738650	AFARP1;SLC16A1;SLC16A1	0.0211984	0.504699	1.12953	1.12953	0.794778	1.04802	1.04802	0.784161	0.9518	-1.05064	0.0957879	1.38982	1.38982	0.604514	0.910275	-1.09857
cg15138236	AFARP1;SLC16A1;SLC16A1	0.0386145	0.0659316	0.837995	-1.19332	0.742954	0.972202	-1.02859	0.0856105	0.849787	-1.17677	0.0457655	1.21674	1.21674	0.308776	1.09444	1.09444
cg15436606	AFF1	0.00116207	0.000610704	0.179874	-5.55944	0.197359	0.642244	-1.55704	0.00101188	0.205016	-4.87768	0.110333	0.568126	-1.76017	0.00377545	0.280853	-3.56058
cg17455261	AFF1	0.00201842	0.00150186	0.151056	-6.62008	0.0154281	0.292891	-3.41424	0.171669	0.548166	-1.82427	0.0927963	0.46576	-2.14703	0.000789707	0.122999	-8.13018
cg24788860	AFF1	0.00496136	0.115116	0.83683	-1.19499	0.0264264	0.760572	-1.3148	0.0423295	0.784151	-1.27526	0.344517	1.10654	1.10654	0.0322969	1.29778	1.29778
cg14209344	AFF1	0.0067449	0.233651	1.36335	1.36335	0.00739553	0.424602	-2.35514	0.00272729	0.358044	-2.79295	0.00477261	2.53438	2.53438	0.144857	1.47503	1.47503
cg10873507	AFF1	0.00688184	0.535072	1.06179	1.06179	0.718941	0.966096	-1.03509	0.334354	0.909346	-1.09969	0.094209	1.19197	1.19197	0.00323486	0.681563	-1.46722
cg02092882	AFF1	0.0118153	0.976653	0.998006	-1.002	0.0247217	1.20007	1.20007	0.000723868	1.42008	1.42008	0.00979404	1.2495	1.2495	0.135438	1.11601	1.11601
cg21687216	AFF1	0.0249455	0.00958592	0.332659	-3.00608	0.743402	1.11654	1.11654	0.0120041	0.349403	-2.86202	0.0146675	0.36485	-2.74085	0.0305353	0.426152	-2.34658
cg15148757	AFF1	0.0362766	0.00815518	0.356111	-2.80812	0.147454	1.60634	1.60634	0.137588	0.614102	-1.62839	0.179617	0.647516	-1.54436	0.021146	0.429426	-2.32869
cg21046364	AFF1	0.0389783	0.841013	0.960143	-1.04151	0.0681384	0.661229	-1.51234	0.533078	0.879989	-1.13638	0.84281	1.04103	1.04103	0.346419	1.21696	1.21696
cg18675847	AFF1	0.0418386	0.0326887	2.01695	2.01695	0.072159	0.56928	-1.7566	0.182591	0.672292	-1.48745	0.351818	1.30863	1.30863	0.0630631	1.79848	1.79848
cg02196731	AFF1	0.0449833	0.199141	0.576266	-1.73531	0.948952	0.974324	-1.02635	0.0180771	3.21082	3.21082	0.0816891	0.456644	-2.18989	0.719545	0.863739	-1.15776
cg21850448	AFF1;AFF1	0.000703954	0.000531929	0.21818	-4.58337	0.833489	0.942304	-1.06123	0.00266118	0.309434	-3.23171	0.00616846	0.364797	-2.74125	0.000859757	0.24346	-4.10745
cg17813310	AFF1;AFF1	0.00111158	0.0322822	0.582517	-1.71669	0.728848	0.927731	-1.0779	0.526592	0.870838	-1.14832	0.893287	0.971484	-1.02935	2.79E-05	0.169036	-5.91589
cg26392439	AFF1;AFF1	0.00171378	0.819645	0.965401	-1.03584	0.0243211	1.51263	1.51263	0.0167944	1.5682	1.5682	7.72E-05	0.331576	-3.0159	0.254834	0.832512	-1.20118
cg01170486	AFF1;AFF1	0.00455387	0.0498112	1.55054	1.55054	0.336064	1.21464	1.21464	0.44875	1.16338	1.16338	0.179454	1.3225	1.3225	0.00316667	0.453692	-2.20414
cg21832951	AFF1;AFF1	0.00483026	0.0658055	1.29189	1.29189	0.487954	1.09135	1.09135	0.0114087	0.675142	-1.48117	0.763423	0.963243	-1.03816	0.0260323	1.38779	1.38779
cg12109728	AFF1;AFF1	0.00533338	0.0271284	1.56286	1.56286	0.503619	0.890598	-1.12284	0.000458258	0.389895	-2.5648	0.144177	0.765046	-1.30711	0.0948494	1.36802	1.36802
cg01323104	AFF1;AFF1	0.00650006	0.155328	0.653352	-1.53057	0.00486689	2.84331	2.84331	0.272832	1.3764	1.3764	0.983593	1.00577	1.00577	0.0216358	0.462108	-2.164
cg08197287	AFF1;AFF1	0.00662211	0.27754	0.675231	-1.48098	0.0697977	0.490037	-2.04066	0.000187502	0.0925021	-10.8106	0.678804	1.15496	1.15496	0.342192	1.40472	1.40472
cg11857921	AFF1;AFF1	0.008119	0.460079	0.787602	-1.26968	0.298769	0.710422	-1.40761	0.0224446	0.41974	-2.38243	0.824605	0.931961	-1.07301	0.000979093	0.210897	-4.74165
cg23210971	AFF1;AFF1	0.00939466	0.237882	0.703938	-1.42058	0.0904894	0.588819	-1.69832	0.040074	0.509838	-1.96141	0.106858	0.606613	-1.6485	0.000349459	0.195499	-5.11512
cg09987789	AFF1;AFF1	0.0149852	0.298484	1.27966	1.27966	0.600831	1.1284	1.1284	0.469062	0.844886	-1.18359	0.017734	0.516946	-1.93444	0.246041	1.31996	1.31996
cg19320820	AFF1;AFF1	0.0151756	0.0438297	0.267787	-3.7343	0.0438836	0.267904	-3.73269	0.011247	0.164316	-6.08585	0.0110161	0.163062	-6.13263	0.144475	0.410062	-2.43865
cg08494390	AFF1;AFF1	0.0151783	0.74483	1.12869	1.12869	0.0224376	2.75592	2.75592	0.663741	1.17604	1.17604	0.0478628	2.31302	2.31302	0.982579	0.991939	-1.00813
cg21571135	AFF1;AFF1	0.0425601	0.435289	1.18871	1.18871	0.899588	0.972957	-1.02779	0.293687	0.789348	-1.26687	0.0155253	1.90524	1.90524	0.175727	0.73149	-1.36707
cg17586321	AFF1;AFF1;AFF1	0.0021802	0.182947	1.30273	1.30273	0.923983	1.01802	1.01802	0.427255	1.1638	1.1638	0.00800755	0.529435	-1.88881	0.016045	0.57606	-1.73593
cg09424271	AFF2;AFF2;AFF2;AFF2;AFF2	0.00184617	0.0681922	0.408209	-2.44973	0.00824046	0.227045	-4.40441	0.0685645	0.408817	-2.44608	0.00754057	0.221264	-4.51948	0.000992688	0.116919	-8.55296
cg00958651	AFF2;AFF2;AFF2;AFF2;AFF2	0.0087507	0.00500955	7.4044	7.4044	0.709319	1.22371	1.22371	0.845212	0.899978	-1.11114	0.168196	2.20734	2.20734	0.195266	0.477796	-2.09294
cg01063768	AFF2;AFF2;AFF2;AFF2;AFF2;AFF2	0.000407747	0.00601239	0.514681	-1.94295	0.00042535	0.356087	-2.8083	0.000742088	0.387604	-2.57996	0.00453408	0.49671	-2.01325	3.20E-05	0.223641	-4.47145
cg02195925	AFF2;AFF2;AFF2;AFF2;AFF2;AFF2	0.0158385	0.530326	1.20297	1.20297	0.0218909	0.449541	-2.22449	0.0697304	0.554539	-1.8033	0.0187861	0.43709	-2.28786	0.00324212	0.311242	-3.21294
cg06183267	AFF3	0.023382	0.411677	0.799972	-1.25004	0.0522694	0.556039	-1.79843	0.0280525	0.501641	-1.99346	0.0223887	0.483124	-2.06986	0.254282	1.37231	1.37231
cg17273588	AFF3	0.0276778	0.0302644	0.441954	-2.26268	0.0146421	0.381564	-2.62079	0.142558	0.603355	-1.6574	0.234032	0.670382	-1.49169	0.00766893	0.333376	-2.99962
cg20899151	AFF3;AFF3	3.83E-06	0.000746949	0.47883	-2.08843	0.017281	0.658781	-1.51796	0.0132628	0.642931	-1.55538	0.02492	1.46831	1.46831	5.17E-07	0.133359	-7.49858
cg14057383	AFF3;AFF3	6.66E-05	0.151521	1.11678	1.11678	0.610515	0.963754	-1.03761	0.00743033	0.780513	-1.28121	0.000874139	0.698536	-1.43156	0.0184502	1.22807	1.22807
cg13353679	AFF3;AFF3	0.000120519	0.0102253	2.06067	2.06067	0.0203943	0.535697	-1.86673	1.88E-05	6.98721	6.98721	0.000474588	3.40627	3.40627	0.560179	1.1406	1.1406
cg22049342	AFF3;AFF3	0.000433659	0.00011036	0.448885	-2.22774	0.500981	1.08372	1.08372	0.024981	0.73053	-1.36887	0.044261	0.761847	-1.3126	2.48E-05	0.372816	-2.68229
cg06867775	AFF3;AFF3	0.000926549	0.174431	1.11214	1.11214	0.00117706	0.704537	-1.41937	0.450954	1.05814	1.05814	0.817119	1.01719	1.01719	0.632858	0.96521	-1.03604
cg22139774	AFF3;AFF3	0.00136039	0.63383	1.0631	1.0631	0.000154023	2.28658	2.28658	0.000410318	2.04517	2.04517	0.225556	1.17621	1.17621	0.212379	1.18234	1.18234
cg20698680	AFF3;AFF3	0.0015727	0.602555	0.922118	-1.08446	0.935683	1.01253	1.01253	0.386491	0.871965	-1.14684	0.0892336	0.748843	-1.33539	0.295446	0.845822	-1.18228
cg24057718	AFF3;AFF3	0.00440961	0.376837	0.915924	-1.09179	0.00428524	0.690745	-1.44771	0.0142175	0.746097	-1.34031	0.339223	0.909014	-1.10009	0.0255745	0.773457	-1.2929
cg13361307	AFF3;AFF3	0.00489525	0.073797	0.590651	-1.69305	0.232766	0.718505	-1.39178	0.0468432	0.548152	-1.82431	0.880771	1.04045	1.04045	0.000348965	0.218927	-4.56773
cg19542849	AFF3;AFF3	0.00604139	0.0124232	3.2545	3.2545	0.000494462	7.9131	7.9131	0.0388515	2.47721	2.47721	0.190433	1.69195	1.69195	0.0701645	0.46403	-2.15503
cg17165836	AFF3;AFF3	0.00632879	0.916646	1.0224	1.0224	0.000552141	3.11086	3.11086	0.00657878	2.11043	2.11043	0.0603365	1.56569	1.56569	0.163536	0.730007	-1.36985
cg07810366	AFF3;AFF3	0.00722596	0.0376516	1.48676	1.48676	0.287181	0.833793	-1.19934	0.000404151	2.52179	2.52179	0.0303237	1.5201	1.5201	0.424963	1.14341	1.14341
cg14151288	AFF3;AFF3	0.00837784	0.00509277	0.247139	-4.04631	0.0275749	0.373904	-2.67448	0.910077	0.958239	-1.04358	0.88309	1.05713	1.05713	0.000688146	0.141302	-7.07704
cg20965469	AFF3;AFF3	0.00938701	0.665362	0.866726	-1.15377	0.0449795	0.469433	-2.13023	0.149236	0.601499	-1.66251	0.650153	0.860641	-1.16193	0.000872581	0.193752	-5.16123
cg14941226	AFF3;AFF3	0.0109438	0.00561359	0.0950879	-10.5166	0.052476	0.240033	-4.1661	0.0629747	0.258299	-3.87148	0.0208183	0.165238	-6.05187	0.00264778	0.0677821	-14.7532
cg22938837	AFF3;AFF3	0.0171583	0.022032	0.440571	-2.26978	0.0111906	0.387203	-2.58263	0.00238912	0.282693	-3.53741	0.0887271	0.570976	-1.75139	0.0214829	0.438485	-2.28058
cg20059337	AFF3;AFF3	0.0209537	0.0292961	0.335778	-2.97816	0.926429	1.04004	1.04004	0.213472	0.573041	-1.74508	0.0352888	0.352753	-2.83484	0.00108175	0.128628	-7.77436
cg24797187	AFF3;AFF3	0.0243657	0.00533559	0.347053	-2.8814	0.942648	1.02096	1.02096	0.908768	1.0336	1.0336	0.122284	1.6207	1.6207	0.940137	1.02189	1.02189
cg01781223	AFF3;AFF3	0.0298954	0.889216	0.965258	-1.03599	0.00473966	2.59007	2.59007	0.333854	1.28773	1.28773	0.888118	1.03636	1.03636	0.0366853	0.540185	-1.85122
cg14445389	AFF3;AFF3	0.0419156	0.428366	0.807705	-1.23808	0.215597	0.708755	-1.41092	0.748703	0.918611	-1.0886	0.663437	0.890786	-1.1226	0.176407	0.684133	-1.4617
cg24553235	AFF3;AFF3	0.0446247	0.81326	1.06291	1.06291	0.00689023	2.46424	2.46424	0.0701173	1.68546	1.68546	0.799389	0.936453	-1.06786	0.517964	0.844524	-1.1841
cg03816062	AFF3;AFF3	0.04474	0.207007	0.71573	-1.39718	0.00733425	2.38383	2.38383	0.136689	1.49623	1.49623	0.265842	1.33831	1.33831	0.458155	0.827068	-1.20909
cg26090469	AFF4	0.000111879	3.12E-05	0.231622	-4.31737	0.374387	1.17841	1.17841	0.508482	0.886234	-1.12837	0.287387	0.81964	-1.22005	2.90E-05	0.228167	-4.38276
cg27342251	AFF4	0.00141886	0.254361	0.812102	-1.23137	0.00109003	2.32274	2.32274	0.467645	1.13796	1.13796	0.0921365	1.38292	1.38292	0.00027464	0.352747	-2.83489
cg00931577	AFF4	0.0105446	0.00670446	0.759882	-1.31599	0.0124087	1.27509	1.27509	0.223536	1.10502	1.10502	0.147161	0.885611	-1.12916	0.0162638	0.794954	-1.25793
cg05506979	AFF4	0.0148531	0.329151	0.674506	-1.48257	0.116849	1.94667	1.94667	0.366189	1.43762	1.43762	0.991205	1.00432	1.00432	0.0258243	0.355304	-2.81449
cg13565585	AFF4	0.0181314	0.694319	1.15122	1.15122	0.175922	1.6704	1.6704	0.793101	1.09825	1.09825	0.820444	1.08443	1.08443	0.126726	0.554911	-1.80209
cg05619425	AFF4	0.0280453	0.284071	1.09997	1.09997	0.0937589	1.17093	1.17093	0.431628	1.07114	1.07114	0.882097	0.987373	-1.01279	0.377687	1.08058	1.08058
cg22212250	AFF4	0.0342221	0.0103169	0.178884	-5.59021	0.156531	0.446168	-2.24131	0.246354	0.524357	-1.9071	0.304068	0.567323	-1.76266	0.010249	0.178475	-5.60304
cg00632549	AFG3L1	9.05E-05	0.383109	0.857395	-1.16632	0.0862183	0.721739	-1.38554	0.00155376	0.457209	-2.18718	0.290309	0.827962	-1.20778	8.19E-06	0.187245	-5.34059
cg05142148	AFG3L1	0.000332102	0.00341694	0.430106	-2.32501	0.000207782	3.73172	3.73172	0.000963856	0.352602	-2.83606	0.0703919	1.53561	1.53561	0.895066	1.02838	1.02838
cg06513470	AFG3L1	0.000474008	0.15289	0.896687	-1.11522	0.0312383	1.19727	1.19727	9.04E-05	0.607324	-1.64657	0.087774	0.874386	-1.14366	0.0106924	1.25678	1.25678
cg06962884	AFG3L1;AFG3L1;AFG3L1	0.00427588	0.376535	1.24606	1.24606	0.0263222	0.527988	-1.89398	0.0294463	0.537044	-1.86204	0.54257	1.16117	1.16117	0.176494	0.705863	-1.4167
cg09104284	AFG3L1;AFG3L1;AFG3L1	0.00863706	0.00035868	0.397493	-2.51577	0.413972	1.14403	1.14403	0.503893	0.896474	-1.11548	0.0233511	0.646225	-1.54745	0.560575	0.909536	-1.09946
cg02760445	AFG3L1;AFG3L1;AFG3L1	0.0200705	0.0793308	0.592717	-1.68715	0.00086201	0.260952	-3.83212	0.299777	1.33451	1.33451	0.294405	0.746747	-1.33914	0.672981	0.892261	-1.12075
cg07794169	AFG3L1;AFG3L1;AFG3L1	0.0270749	0.0052992	0.308345	-3.24312	0.00673299	0.324705	-3.07972	0.0477272	0.484427	-2.06429	0.360109	0.739918	-1.3515	0.0775614	0.533619	-1.874
cg03277550	AFG3L1;CENPBD1;AFG3L1;AFG3L1	0.00416258	0.054237	2.42867	2.42867	0.00071978	8.0886	8.0886	0.000607249	8.55422	8.55422	0.722317	1.15596	1.15596	0.100726	2.07557	2.07557
cg00161024	AFG3L1;CENPBD1;AFG3L1;AFG3L1	0.0145926	0.0138898	0.493171	-2.02769	0.70028	1.09413	1.09413	0.00432091	2.42835	2.42835	0.0308952	0.554638	-1.80298	0.370232	0.807347	-1.23863
cg01617211	AFG3L1;CENPBD1;AFG3L1;AFG3L1	0.0221943	0.11217	0.513103	-1.94893	0.0231764	0.350918	-2.84967	0.505265	0.770433	-1.29797	0.957859	1.02059	1.02059	0.0111771	0.293258	-3.40996
cg02529142	AFG3L1;CENPBD1;AFG3L1;AFG3L1	0.0387364	0.615409	1.17712	1.17712	0.367433	1.34724	1.34724	0.589244	0.839047	-1.19183	0.00295021	0.268721	-3.72133	0.382343	1.33432	1.33432
cg06048191	AFG3L1;CENPBD1;AFG3L1;AFG3L1	0.04236	0.0636427	0.707125	-1.41418	0.0787577	1.38329	1.38329	0.344436	1.17568	1.17568	0.0104861	0.58546	-1.70806	0.185104	1.26311	1.26311
cg13397649	AFG3L2	0.00924564	0.0427395	0.892497	-1.12045	0.225583	0.939832	-1.06402	0.387111	1.04417	1.04417	0.0141626	0.862779	-1.15905	0.00123225	0.794225	-1.25909
cg24285919	AFG3L2	0.0146356	?	?	?	0.00269568	5.59172	5.59172	0.00610928	4.41824	4.41824	0.494557	1.33371	1.33371	0.169103	0.544325	-1.83714
cg03766998	AFG3L2	0.0322697	0.134384	0.570081	-1.75414	0.0862379	1.93458	1.93458	0.026662	2.49528	2.49528	0.160225	1.68594	1.68594	0.0318734	0.416625	-2.40024
cg13720868	AFG3L2	0.0355509	0.10364	0.474516	-2.10741	0.0427723	0.376524	-2.65588	0.288994	0.630639	-1.58569	0.47113	0.735614	-1.35941	0.018696	0.303085	-3.29941
cg05847233	AFG3L2	0.0435684	0.0974538	1.56711	1.56711	0.392349	0.805364	-1.24168	0.146723	1.46924	1.46924	0.31944	0.775574	-1.28937	0.00947745	2.25244	2.25244
cg00797183	AFM	0.00113087	0.00104556	0.1099	-9.09915	0.000113802	0.0457991	-21.8345	0.156351	0.501508	-1.99399	0.119662	0.463697	-2.15658	0.000413737	0.078038	-12.8143
cg07801506	AFM	0.00168048	0.00033162	0.264646	-3.77863	0.136402	0.691985	-1.44512	0.0279566	0.551088	-1.81459	0.00725808	0.451719	-2.21377	0.94018	0.982927	-1.01737
ch.17.2065773F	AFMID;AFMID	0.0190673	0.587472	1.37872	1.37872	0.0102716	0.126777	-7.88786	?	?	?	?	?	?	0.00406714	0.0799011	-12.5155
cg07379000	AFMID;AFMID;TK1;AFMID	0.0313242	0.0860784	1.34519	1.34519	0.517822	1.10795	1.10795	0.108458	0.760509	-1.31491	0.0165365	0.632682	-1.58057	0.0846249	1.34744	1.34744
cg21940220	AFMID;TK1;AFMID;AFMID	0.00173778	0.000984643	0.117389	-8.5187	0.00671912	0.214971	-4.65178	0.213711	0.56405	-1.77289	0.0236431	0.306763	-3.25984	0.000671758	0.102779	-9.72965
cg22061523	AFMID;TK1;AFMID;AFMID	0.00220556	0.201735	0.678252	-1.47438	0.846471	1.05742	1.05742	0.298606	0.73324	-1.36381	0.0114533	0.402047	-2.48727	0.00154408	0.269396	-3.71201
cg00739217	AFMID;TK1;AFMID;AFMID	0.0113083	0.193999	0.561491	-1.78097	0.0187514	3.30759	3.30759	0.191578	1.78724	1.78724	0.572467	0.786987	-1.27067	0.00586828	0.219922	-4.54707
cg02441982	AFMID;TK1;AFMID;AFMID	0.0222402	0.93414	0.968696	-1.03232	0.00546235	4.08074	4.08074	0.0171435	3.05843	3.05843	0.356366	0.694159	-1.44059	0.0331026	0.383379	-2.60838
cg10778295	AFP	0.00308149	0.000637681	0.0517059	-19.3401	0.000787003	0.0568978	-17.5754	0.00445978	0.117376	-8.51962	0.522443	1.44216	1.44216	0.0159398	0.188808	-5.29637
cg05979879	AFTPH;AFTPH;AFTPH	1.04E-05	3.09E-06	0.0628105	-15.9209	0.049777	1.63337	1.63337	0.594701	1.12242	1.12242	8.24E-05	0.185599	-5.38796	1.33E-06	0.0435239	-22.9759

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19289921	0.45414	0.810541	-1.23374	0.0170719	0.448864	-2.22785	0.685482	0.893895	-1.1187	0.0414796	0.523252	-1.91113	3.43035	4.12322	1.06843	1
cg18789472	0.658851	0.936457	-1.06785	1.95E-05	0.27813	-3.59544	0.000181317	0.392235	-2.54949	2.48E-05	0.289721	-3.45159	23.0051	7.9548	0.307364	1
cg17345050	0.000365168	0.414759	-2.41104	0.0549871	0.715082	-1.39844	0.588568	0.91928	-1.08781	0.109044	0.763892	-1.30908	7.97529	3.00006	0.334373	1
cg07849438	0.0125274	0.746225	-1.34008	0.000199042	0.554945	-1.80198	0.300791	0.903887	-1.10633	0.347978	1.09535	1.09535	5.97908	0.84116	0.125052	1
cg00441907	0.00156098	2.7068	2.7068	0.964252	1.00987	1.00987	0.0501381	1.63101	1.63101	0.0774132	1.53725	1.53725	5.84101	4.43857	0.675463	1
cg08161947	0.0820431	0.64508	-1.55019	0.0253247	0.546104	-1.83115	0.630849	1.11646	1.11646	0.308713	1.27088	1.27088	3.44089	2.82118	0.7288	1
cg26561254	0.658111	0.899005	-1.11234	0.00217066	0.357521	-2.79704	0.462407	1.19583	1.19583	0.972321	0.99174	-1.00833	9.10768	8.24367	0.804564	1
cg00367546	0.00899108	0.544181	-1.83762	0.0447887	0.655784	-1.52489	0.105025	0.722912	-1.38329	0.0633258	0.682144	-1.46597	8.25447	3.89905	0.472356	1
cg01185605	0.85689	1.03593	1.03593	0.342319	1.21087	1.21087	0.311712	0.814912	-1.22713	0.0879734	0.691945	-1.4452	7.5654	4.58267	0.538436	1
cg24687276	0.830013	0.934958	-1.06957	0.00725925	0.338451	-2.95464	0.0244392	2.31333	2.31333	0.933465	0.974218	-1.02646	5.93746	9.20168	1.37757	1
cg04572898	0.279073	1.17464	1.17464	0.0941713	0.768584	-1.30109	0.0601585	1.35426	1.35426	0.283145	1.17293	1.17293	4.58686	1.48619	0.28801	1
cg12741645	0.148254	0.498598	-2.00562	0.00178137	0.135887	-7.35906	0.663845	0.821815	-1.21682	0.0504258	0.36764	-2.72005	4.18819	13.3584	2.83515	1
cg20616836	0.0127941	0.322507	-3.10071	0.00204397	0.203813	-4.90646	0.312857	0.68248	-1.46524	0.21572	0.620759	-1.61093	5.23244	11.0977	1.88529	1
cg25471831	0.00810628	2.14321	2.14321	0.00118961	3.09691	3.09691	0.665361	1.09326	1.09326	0.339803	0.816002	-1.22549	43.1191	27.1851	0.420311	1
cg10028549	0.00908799	0.621349	-1.6094	0.444368	1.11844	1.11844	2.08E-05	0.291515	-3.43036	0.00750504	0.610177	-1.63887	36.4324	11.8914	0.29013	1
cg20312457	0.00364976	0.548837	-1.82204	0.286153	0.844497	-1.18414	0.42221	1.13325	1.13325	0.0010205	0.475616	-2.10254	22.9324	8.45587	0.327761	1
cg19702703	0.00503752	0.453563	-2.20477	0.140841	1.40158	1.40158	0.000228074	0.271076	-3.68901	0.00909114	0.493396	-2.02677	17.423	12.5348	0.639505	1
cg18688746	0.0431977	0.514453	-1.94381	0.0434517	1.94179	1.94179	0.000815526	0.236415	-4.22986	0.040808	0.509282	-1.96355	14.9062	19.2787	1.14963	1
cg03204605	0.109138	0.703606	-1.42125	2.30E-05	0.181968	-5.49546	0.576689	1.12017	1.12017	0.231795	1.28705	1.28705	13.7239	8.8005	0.570005	1
cg26394788	0.433421	0.914825	-1.09311	0.00200217	1.66956	1.66956	0.577844	1.06451	1.06451	0.650031	0.950502	-1.05208	14.5734	2.78511	0.14864	1
cg19473989	0.0711395	2.33925	2.33925	0.966687	1.01776	1.01776	0.00773476	4.23046	4.23046	0.431105	1.40322	1.40322	10.0573	28.3103	2.50213	1
cg19564367	0.905588	1.01327	1.01327	0.506563	0.927841	-1.07777	0.00963354	0.694788	-1.43929	0.399479	1.10061	1.10061	9.47849	1.85417	0.173884	1
cg06068179	0.0251267	0.4153	-2.4079	0.0145713	0.370615	-2.69822	0.788236	1.09288	1.09288	0.0131383	0.362577	-2.75804	8.65104	14.9116	1.53216	1
cg07406289	0.171956	0.653387	-1.53049	0.00164517	0.267379	-3.74001	0.00914293	2.63546	2.63546	0.690173	0.889339	-1.12443	7.58887	10.2966	1.20605	1
cg21786465	0.92165	0.98764	-1.01251	0.876575	1.01984	1.01984	0.0292678	1.38359	1.38359	0.0059348	0.634507	-1.57603	7.1981	1.82204	0.225003	1
cg18400079	0.0788935	0.447677	-2.23375	0.0116459	0.27288	-3.66461	0.434167	1.38915	1.38915	0.00674985	0.235391	-4.24825	6.44695	17.3225	2.38838	1
cg22430985	0.0874614	0.459419	-2.17666	0.00625699	0.230206	-4.34394	0.00404812	0.203662	-4.91009	0.0608918	0.418547	-2.38922	5.59965	15.0733	2.39273	1
cg16215705	0.0494276	0.433549	-2.30655	0.0153451	0.329843	-3.03174	0.852456	1.07186	1.07186	0.00414849	0.238738	-4.1887	5.49868	12.0991	1.95587	1
cg20187572	0.565408	1.21567	1.21567	0.00446808	0.279609	-3.57642	0.266872	1.47518	1.47518	0.0431331	0.457482	-2.18588	4.86946	8.71145	1.59022	1
cg13534536	0.167839	1.59699	1.59699	0.00800554	0.338834	-2.9513	0.918818	1.033	1.033	0.00472372	0.302602	-3.30467	4.86012	7.80635	1.42774	1
cg02895699	0.040192	0.398412	-2.50996	0.347923	0.687186	-1.45521	0.712395	1.15458	1.15458	0.0586676	0.43645	-2.29121	4.30684	10.2787	2.12143	1
cg24250820	0.366901	0.613406	-1.63024	0.00868789	0.171469	-5.83196	0.972169	0.981774	-1.01856	0.0604417	0.327478	-3.05364	4.29687	18.9187	3.91369	1
cg12228123	0.589437	0.895431	-1.11678	0.216651	0.768316	-1.30155	0.00353455	2.22925	2.22925	0.00610081	0.483983	-2.06619	8.85007	5.76054	0.578581	1
cg01592387	0.407404	0.790219	-1.26547	0.00101629	0.258201	-3.87295	0.59965	1.15853	1.15853	0.199867	0.686427	-1.45682	6.19552	7.5738	1.08664	1
cg09428868	0.00746381	0.32989	-3.03132	0.472157	0.790229	-1.26546	0.595982	0.84176	-1.18799	0.0491053	0.485225	-2.0609	5.27404	8.65685	1.45903	1
cg01612656	0.753046	0.849796	-1.17675	0.00260603	8.58932	8.58932	0.00192135	9.62815	9.62815	0.0965312	2.56224	2.56224	4.81833	20.292	3.74347	1
cg21964084	0.266418	0.803433	-1.24466	0.512845	1.13365	1.13365	0.304773	1.22246	1.22246	0.997674	0.999449	-1.00055	3.83712	2.17098	0.50292	1
cg27200895	0.556916	0.758539	-1.31832	0.0154072	3.98677	3.98677	0.00313843	6.54272	6.54272	0.597924	1.2809	1.2809	3.62025	12.4065	3.04619	1
cg23520478	0.289533	1.18839	1.18839	0.181385	1.24952	1.24952	0.0658063	0.723171	-1.3828	0.0154824	0.627321	-1.59408	15.9865	6.24113	0.347023	1
cg06692974	0.459095	1.15883	1.15883	0.000766623	0.369169	-2.70879	0.815809	0.955397	-1.04669	0.00441713	0.475684	-2.10223	9.3011	5.63287	0.538323	1
cg07127357	0.0100577	0.628931	-1.59	0.358881	0.873996	-1.14417	0.00495072	0.587867	-1.70106	0.0787855	0.756789	-1.32137	7.80742	2.51998	0.286904	1
cg19437285	0.297357	0.603756	-1.6563	0.00663369	0.19289	-5.1843	0.0494822	0.351025	-2.8488	0.0828551	0.407796	-2.4522	3.58173	12.3739	3.07088	1
cg17955557	0.647011	1.10791	1.10791	0.798579	1.05848	1.05848	0.977445	1.0063	1.0063	0.909602	1.02557	1.02557	3.50169	2.73971	0.695462	1
cg19598094	7.58E-08	0.273332	-3.65856	1.83E-06	0.423296	-2.36241	0.120313	0.885122	-1.12979	0.864707	1.01243	1.01243	135.267	11.2356	0.0738334	1
cg24507921	0.000124836	8.64033	8.64033	0.0148701	2.62826	2.62826	9.25E-07	65.8095	65.8095	0.00113859	4.68171	4.68171	38.1197	62.8158	1.46476	1
cg20048434	0.142844	1.38055	1.38055	0.000272931	0.294855	-3.3915	0.00943779	0.509828	-1.96144	0.770215	0.941789	-1.06181	8.88646	5.90114	0.590276	1
cg04982488	0.0684866	0.41073	-2.43469	0.0012442	0.127675	-7.83236	0.0227795	0.304513	-3.28393	0.0397723	0.35446	-2.8212	7.92468	23.8912	2.67981	1
cg15657704	0.201901	0.493271	-2.02728	0.587491	1.33276	1.33276	0.260488	0.540362	-1.85061	0.983492	1.01091	1.01091	3.49134	15.2085	3.87206	1
cg20283670	0.696055	0.884716	-1.13031	0.0046164	0.308504	-3.24144	0.145391	0.613974	-1.62873	0.247091	1.45878	1.45878	3.41206	5.26048	1.37043	1
cg10983938	0.00409129	0.427168	-2.341	0.618721	1.11714	1.11714	0.958378	0.988544	-1.01159	0.00424975	0.429654	-2.32745	6.96803	5.37946	0.68624	1
cg19777710	0.00634672	0.447965	-2.23232	0.103935	0.669092	-1.49456	0.888748	0.968861	-1.03214	0.144873	0.701962	-1.42458	6.44025	5.21009	0.7191	1
cg25391143	0.00174844	0.60373	-1.65637	0.0152793	1.40058	1.40058	0.64334	1.05416	1.05416	0.0523132	0.77909	-1.28355	4.70726	0.95379	0.180107	1
cg24738650	0.00134604	0.432558	-2.31183	0.180038	1.29198	1.29198	0.53621	1.1193	1.1193	0.0230558	0.613245	-1.63067	4.61219	2.36479	0.455756	1
cg15138236	0.742595	1.02863	1.02863	0.0195607	1.27341	1.27341	0.582945	0.953606	-1.04865	0.0388984	0.814788	-1.22731	3.73115	0.433663	0.103314	1
cg15436606	0.235799	0.667852	-1.49734	0.000456554	0.166327	-6.01224	0.0386627	2.17739	2.17739	0.010978	0.354529	-2.82064	11.2746	18.8523	1.48631	1
cg17455261	0.0196172	0.311958	-3.20556	0.000315243	0.0896554	-11.1538	0.333376	1.51019	1.51019	0.0208508	0.316963	-3.15494	9.61617	25.9954	2.40293	1
cg24788860	0.00317644	1.52042	1.52042	0.00228799	1.55799	1.55799	0.280111	1.12383	1.12383	0.714699	1.03891	1.03891	7.35599	1.25959	0.152208	1
cg14209344	0.902821	1.03078	1.03078	0.918148	0.974807	-1.02584	0.262051	1.33682	1.33682	0.136963	0.671896	-1.48833	6.69204	6.53031	0.867406	1
cg10873507	0.610982	1.05018	1.05018	0.00224275	1.50438	1.50438	0.154243	1.15669	1.15669	0.00863817	1.37653	1.37653	6.65031	0.959476	0.128245	1
cg02092882	0.650184	1.03163	1.03163	0.254133	0.92199	-1.08461	0.744812	1.02253	1.02253	0.0344408	1.18323	1.18323	5.60159	0.412723	0.0654929	1
cg21687216	0.114053	0.561646	-1.78048	0.0179004	0.380731	-2.62652	0.533056	0.809071	-1.23598	0.0336727	0.434963	-2.29905	4.36054	7.77722	1.58537	1
cg15148757	0.844199	0.941767	-1.06183	0.0185744	0.418826	-2.38763	0.154291	0.628145	-1.59199	0.0976286	0.574535	-1.74054	3.8172	5.62112	1.30896	1
cg21046364	0.698227	1.0821	1.0821	0.00115279	2.63056	2.63056	0.617465	0.903057	-1.10735	0.878961	1.03134	1.03134	3.71834	2.41506	0.577331	1
cg18675847	0.406064	1.26948	1.26948	0.00982401	2.49978	2.49978	0.185482	1.48311	1.48311	0.890619	1.03938	1.03938	3.62249	4.52112	1.10939	1
cg02196731	0.928256	0.964075	-1.03726	0.00781475	0.249793	-4.00331	0.288148	1.56519	1.56519	0.538765	1.28767	1.28767	3.52602	9.21703	2.32356	1
cg21850448	0.00327816	0.322643	-3.0994	0.000147686	0.158496	-6.30932	0.163959	0.657524	-1.52086	0.00128181	0.265724	-3.76331	12.9904	16.3946	1.12182	1
cg17813310	0.803849	0.947773	-1.05511	0.00358554	0.427323	-2.34015	0.78909	0.943848	-1.05949	0.00158876	0.376421	-2.6566	11.4182	8.40217	0.654096	1
cg26392439	0.0640564	1.37833	1.37833	0.423188	1.13443	1.13443	0.775653	1.04504	1.04504	0.0956147	0.754085	-1.32611	10.0842	3.79672	0.334669	1
cg01170486	0.00219039	0.430792	-2.32131	0.0192003	0.573851	-1.74261	0.0431019	1.57808	1.57808	0.331665	1.21694	1.21694	7.5504	4.59527	0.540989	1
cg21832951	0.416148	0.902034	-1.10861	0.000307957	0.483471	-2.06838	0.343647	0.88601	-1.12865	0.673082	1.05406	1.05406	7.4163	1.80784	0.216681	1
cg12109728	0.129477	0.756058	-1.32265	0.0121424	0.586465	-1.70513	0.87445	0.973368	-1.02736	0.0555299	0.690443	-1.44834	7.19513	3.32075	0.410247	1
cg01323104	0.733973	1.10019	1.10019	0.474899	0.815948	-1.22557	0.000684444	4.27158	4.27158	0.302351	1.34863	1.34863	6.76935	8.40077	1.10311	1
cg08197287	0.603637	0.834189	-1.19877	0.146999	0.580487	-1.72269	0.27293	1.48712	1.48712	0.109065	1.84454	1.84454	7.74364	14.3455	1.44087	1
cg11857921	0.00418949	0.295882	-3.37972	0.00285568	0.271674	-3.68089	0.689328	1.13606	1.13606	0.111313	0.576587	-1.73434	6.31473	10.0789	1.41875	1
cg23210971	0.0111573	0.405272	-2.46748	0.0441797	0.518685	-1.92795	0.418674	1.26446	1.26446	0.0527006	0.535066	-1.86893	6.02957	7.69935	1.13505	1
cg09987789	0.111377	1.48708	1.48708	0.0260371	1.83018	1.83018	0.0100687	2.10254	2.10254	0.00562807	2.29696	2.29696	5.18239	4.29759	0.737127	1
cg19320820	0.196585	0.46003	-2.17377	0.010909	0.162474	-6.15482	0.0416435	3.80241	3.80241	0.0805337	0.332103	-3.01111	5.16079	26.4337	4.55291	1
cg08494390	0.36917	0.710431	-1.4076	0.863442	0.938181	-1.06589	0.000479092	7.62498	7.62498	0.0925142	1.98628	1.98628	5.16048	11.2302	1.93439	1
cg21571135	0.0051619	2.22997	2.22997	0.142152	1.40875	1.40875	0.215639	1.32713	1.32713	0.318129	1.25118	1.25118	3.59959	2.68873	0.663961	1
cg17586321	0.807243	0.955285	-1.04681	0.000166467	0.301145	-3.32065	0.512051	1.13252	1.13252	0.00221406	0.448217	-2.23106	9.40212	5.21503	0.493036	1
cg09424271	0.0508395	0.376789	-2.65401	0.000112631	0.0509601	-19.6232	0.00315916	0.170402	-5.86847	0.0187877	0.286777	-3.48703	9.86898	30.0868	2.70988	1
cg00958651	0.00413945	7.94677	7.94677	0.00833978	6.15767	6.15767	0.00619406	6.852	6.852	0.027098	4.09863	4.09863	6.16705	28.3928	4.0924	1
cg01063768	0.603488	0.907593	-1.10182	0.0056374	0.510555	-1.95865	0.648097	1.08875	1.08875	0.00473359	0.499434	-2.00227	15.12	8.19924	0.482024	1
cg02195925	0.132946	1.60202	1.60202	0.107183	1.66728	1.66728	0.440708	0.795674	-1.2568	0.336759	0.749828	-1.33364	5.08812	6.80992	1.18968	1
cg06183267	0.155829	1.49738	1.49738	0.0934488	1.63321	1.63321	0.294407	1.33527	1.33527	0.0223616	0.483025	-2.07028	4.45944	4.99258	0.995158	1
cg17273588	0.674811	1.14484	1.14484	0.0255943	0.427349	-2.34001	0.0475265	0.483572	-2.06795	0.0145666	0.381159	-2.62358	4.20488	6.84304	1.44658	1
cg20899151	8.35E-06	0.24708	-4.04727	1.88E-06	0.182061	-5.49266	0.76006	1.04507	1.04507	4.07E-05	0.324014	-3.08629	51.9979	17.058	0.291601	1
cg14057383	1.63E-05	0.528294	-1.89288	5.11E-05	1.72492	1.72492	0.0594304	1.16524	1.16524	0.672406	0.969894	-1.03104	24.669	2.01823	0.072722	1
cg13353679	0.589787	1.12925	1.12925	0.00438675	0.427589	-2.33869	0.771316	1.06725	1.06725	0.000182428	4.10921	4.10921	21.0606	16.635	0.7021	1
cg22049342	0.0220468	0.723808	-1.38158	0.13837	1.2066	1.2066	0.387027	0.900888	-1.11002	0.230886	0.86248	-1.15945	14.865	3.26223	0.195073	1
cg06867775	0.000741045	1.4578	1.4578	0.00524723	1.31111	1.31111	0.000521245	1.48889	1.48889	0.0187897	1.233	1.233	12.0235	1.03078	0.0762045	1
cg22139774	0.643169	1.0613	1.0613	0.0922957	1.26652	1.26652	0.981832	1.00291	1.00291	0.000443025	2.02832	2.02832	10.7779	2.77568	0.228919	1
cg20698680	0.0620472	0.723073	-1.38299	2.72E-05	3.58666	3.58666	0.555603	1.09637	1.09637	0.948744	1.00997	1.00997	10.3376	3.8997	0.335318	1
cg24057718	0.361329	0.913135	-1.09513	0.00509361	1.43119	1.43119	0.340987	0.90935	-1.09969	0.00146552	0.640933	-1.56023	7.62449	1.13248	0.132028	1
cg13361307	0.0791554	0.597523	-1.67358	0.0135867	0.446295	-2.24067	0.0833023	1.65951	1.65951	0.00550203	0.381286	-2.6227	7.38615	8.16542	0.982671	1
cg19542849	0.111419	1.93021	1.93021	0.00522101	4.0458	4.0458	0.285087	1.52366	1.52366	0.128275	1.86556	1.86556	6.92445	15.7756	2.02511	1
cg17165836	0.0130216	1.91949	1.91949	0.280855	0.788813	-1.26773	0.136863	1.40375	1.40375	0.104964	1.45495	1.45495	6.82562	4.8421	0.630578	1
cg07810366	0.229498	1.23046	1.23046	0.833358	0.96594	-1.03526	0.404939	0.869223	-1.15045	0.00634544	1.79397	1.79397	6.54984	2.80631	0.380849	1
cg14151288	0.564028	0.802359	-1.24633	0.309133	0.672055	-1.48797	0.0784766	0.478081	-2.09169	0.00417546	0.234737	-4.2601	6.25254	14.1173	2.00698	1
cg20965469	0.23015	1.51257	1.51257	0.00984631	2.92199	2.92199	0.232097	1.50971	1.50971	0.844919	0.937659	-1.06649	6.03113	10.3194	1.52091	1
cg14941226	0.264328	0.47099	-2.12319	0.00510019	0.0911614	-10.9696	0.0352315	0.204503	-4.8899	0.00812742	0.111608	-8.95994	5.74199	38.0851	5.89575	1
cg22938837	0.142942	0.625053	-1.59986	0.122015	0.606376	-1.64914	0.470288	1.24511	1.24511	0.0224341	0.442071	-2.26208	4.9541	6.98958	1.2541	1
cg20059337	0.317599	0.64463	-1.55128	0.0303014	0.338798	-2.95161	0.964215	0.981112	-1.01925	0.0290446	0.33501	-2.98499	4.63052	13.2481	2.54316	1
cg24797187	0.0739188	0.563087	-1.77592	0.656741	0.879004	-1.13765	0.0362142	2.01822	2.01822	0.0250832	2.15618	2.15618	4.3963	5.7884	1.17036	1
cg01781223	0.804795	1.06484	1.06484	0.00911197	2.31759	2.31759	0.660716	0.893993	-1.11858	0.613976	0.878941	-1.13773	4.0919	4.17125	0.906125	1
cg14445389	0.0206298	0.478873	-2.08824	0.00416139	2.75783	2.75783	0.546561	1.17487	1.17487	0.653264	1.12686	1.12686	3.62002	3.99966	0.982108	1
cg24553235	0.0130655	2.21174	2.21174	0.346903	1.28366	1.28366	0.713412	1.09978	1.09978	0.12853	0.654718	-1.52737	3.53659	3.72316	0.935782	1
cg03816062	0.549976	0.858976	-1.16418	0.0975185	1.57927	1.57927	0.275068	0.751717	-1.33029	0.0731951	0.605223	-1.65228	3.53318	3.53458	0.88924	1
cg26090469	0.511542	1.12736	1.12736	8.59E-05	0.280923	-3.55969	0.334945	0.836075	-1.19607	0.00085336	0.405678	-2.46501	21.485	11.0313	0.456391	1
cg27342251	0.091686	0.722718	-1.38367	0.0184419	0.606592	-1.64856	0.500477	1.12703	1.12703	0.0250317	0.62737	-1.59396	10.6485	5.15721	0.4305	1
cg00931577	0.037556	0.828269	-1.20734	0.189174	0.897072	-1.11474	0.0913097	1.15629	1.15629	0.976394	0.997692	-1.00231	5.81103	0.561217	0.0858471	1
cg05506979	0.232566	0.612954	-1.63144	0.00084342	0.140465	-7.11922	0.33139	1.4797	1.4797	0.080953	0.469255	-2.13104	5.19758	12.5845	2.15219	1
cg13565585	0.00119777	0.184085	-5.43227	0.00619085	0.280053	-3.57075	0.944577	1.0251	1.0251	0.776825	0.903641	-1.10663	4.86321	9.7908	1.78955	1
cg05619425	0.372082	0.924534	-1.08163	0.00823793	0.748744	-1.33557	0.475529	0.939765	-1.0641	0.00530755	1.36968	1.36968	4.1854	0.485969	0.103209	1
cg22212250	0.0719729	0.343148	-2.9142	0.0057252	0.145276	-6.88346	0.760884	1.1765	1.1765	0.0874195	0.366103	-2.73147	3.89867	17.5101	3.99227	1
cg00632549	0.738211	1.0594	1.0594	0.000311377	0.365654	-2.73482	0.243332	1.23369	1.23369	2.70E-05	0.240479	-4.15837	22.7408	10.658	0.416599	1
cg05142148	0.221039	1.3137	1.3137	0.00255592	0.411702	-2.42894	0.142131	1.39753	1.39753	0.00182286	0.39075	-2.55918	15.9982	11.3974	0.633261	1
cg06513470	0.240008	1.09159	1.09159	0.000314926	1.51574	1.51574	0.0650951	1.15897	1.15897	0.978696	1.0019	1.0019	14.5036	1.16559	0.071436	1
cg06962884	0.125394	0.668921	-1.49494	0.000373868	0.251721	-3.97266	0.383486	1.2419	1.2419	0.001679	0.3366	-2.97088	7.69592	7.16312	0.82735	1
cg09104284	0.796704	0.959257	-1.04247	0.0207699	1.56595	1.56595	0.734921	0.946715	-1.05628	0.412899	0.873818	-1.1444	6.19262	2.54624	0.365488	1
cg02760445	0.404254	1.25756	1.25756	0.132257	1.54686	1.54686	0.373317	0.782376	-1.27816	0.255577	1.37536	1.37536	4.69895	5.36654	1.01518	1
cg07794169	0.661164	0.868314	-1.15166	0.0863896	1.83395	1.83395	0.349547	0.734704	-1.36109	0.716398	0.889764	-1.12389	4.23754	6.87856	1.44288	1
cg03277550	0.0695274	2.28097	2.28097	0.00185176	6.01912	6.01912	0.0982615	2.08879	2.08879	0.651127	1.20311	1.20311	7.75865	20.2739	2.32273	1
cg00161024	0.116727	1.48643	1.48643	0.270923	0.765997	-1.30549	0.469586	0.842732	-1.18662	0.0782966	1.57602	1.57602	5.22802	4.47865	0.761477	1
cg01617211	0.00916387	0.278955	-3.5848	0.00573603	0.247321	-4.04332	0.683857	1.1711	1.1711	0.0383556	0.396217	-2.52387	4.54021	10.7021	2.09528	1
cg02529142	0.0132575	0.372266	-2.68625	0.482192	0.794569	-1.25854	0.855391	1.06049	1.06049	0.130124	0.590768	-1.69271	3.72684	6.11738	1.45905	1
cg06048191	0.0745683	0.718823	-1.39116	0.82998	1.03638	1.03638	0.12916	0.761465	-1.31326	0.678458	1.07174	1.07174	3.60589	1.57745	0.388858	1
cg13397649	0.195278	1.06907	1.06907	0.757429	0.985007	-1.01522	0.038841	1.1237	1.1237	0.315951	1.05186	1.05186	6.06032	0.2282	0.033471	1
cg24285919	0.117099	0.493263	-2.02732	0.258746	0.613128	-1.63098	0.530018	1.30226	1.30226	0.575397	1.26483	1.26483	5.32246	12.9142	2.42636	1
cg03766998	0.68632	0.86819	-1.15182	0.0245645	0.393653	-2.54031	0.30685	1.44526	1.44526	0.665876	0.859635	-1.16328	3.98189	7.64347	1.70627	1
cg13720868	0.0275568	0.335718	-2.97869	0.00662697	0.228524	-4.37591	0.0135475	0.278089	-3.59597	0.0520163	0.396181	-2.5241	3.84531	10.6844	2.46983	1
cg05847233	0.146863	0.680728	-1.46902	0.021003	1.98543	1.98543	0.585902	0.872942	-1.14555	0.983669	1.00507	1.00507	3.56836	3.44843	0.859015	1
cg00797183	0.65494	0.81486	-1.2272	0.672197	0.823893	-1.21375	0.0112309	0.235551	-4.24536	0.00439779	0.177149	-5.64496	11.3624	37.2796	2.91641	1
cg07801506	0.225119	1.33955	1.33955	0.000157934	0.227002	-4.40524	0.126127	0.684051	-1.46188	0.0745641	0.63394	-1.57744	10.1416	8.45648	0.741191	1
ch.17.2065773F	?	?	?	0.197238	0.443648	-2.25404	?	?	?	0.954631	0.967304	-1.0338	6.71833	19.219	3.43281	1
cg07379000	0.759915	0.953208	-1.04909	0.0164678	1.58123	1.58123	0.136588	0.778219	-1.28499	0.707798	1.06064	1.06064	4.02446	1.5581	0.344139	1
cg21940220	0.0460365	0.367905	-2.71809	0.0126779	0.257947	-3.87676	0.000406588	0.0856672	-11.6731	0.00261981	0.16166	-6.18583	10.0437	30.4258	2.69276	1
cg22061523	0.242039	1.42283	1.42283	0.0128509	2.43454	2.43454	0.000586932	0.216562	-4.61762	0.0143615	0.419291	-2.38498	9.37037	12.309	1.16766	1
cg00739217	0.267047	1.62522	1.62522	0.215221	0.578164	-1.72961	0.00770695	0.237428	-4.2118	0.0324093	0.349263	-2.86317	5.68164	15.8732	2.48335	1
cg02441982	0.747339	0.883041	-1.13245	0.290346	1.52544	1.52544	0.315184	0.670548	-1.49132	0.0986513	0.498145	-2.00745	4.537	10.6406	2.0847	1
cg10778295	0.00652602	0.135831	-7.36209	0.776127	0.851262	-1.17473	0.169721	0.437741	-2.28446	0.0527887	0.288407	-3.46732	8.49027	42.8984	4.49125	1
cg05979879	?	?	?	0.000173962	0.223849	-4.4673	0.050807	0.614001	-1.62866	0.0239024	0.551406	-1.81355	57.9475	36.8311	0.556145	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01663407	AFTPH;AFTPH;AFTPH	0.00519658	0.00190069	0.0911855	-10.9667	0.68116	0.798612	-1.25217	0.130901	0.411547	-2.42986	0.0119329	0.181283	-5.51624	0.000970883	0.0690998	-14.4718	0.00532262	0.135505	-7.37979	0.0937932	0.366769	-2.72651	0.837518	0.894251	-1.11825	0.00479751	0.130379	-7.66996	7.25261	34.0323	4.17104	1
cg05411428	AFTPH;AFTPH;AFTPH	0.0151565	0.36159	1.25455	1.25455	0.0209462	0.510785	-1.95777	0.699571	0.910494	-1.09831	0.146361	0.685896	-1.45795	0.000438224	0.260977	-3.83175	0.0619248	0.601493	-1.66253	0.968977	0.99064	-1.00945	0.23629	0.740753	-1.34998	0.858598	1.04407	1.04407	5.16294	4.78147	0.823213	1
cg14772412	AGA	3.62E-05	1.34E-05	0.0719603	-13.8966	0.00166462	0.272989	-3.66315	0.0304644	0.479944	-2.08358	0.230593	1.43767	1.43767	0.000319144	0.186016	-5.37589	0.829492	0.939647	-1.06423	2.00E-06	0.0337726	-29.6098	0.911234	0.968323	-1.03271	0.0216965	0.451354	-2.21555	28.9888	38.2522	1.17294	1
cg07155684	AGA	7.38E-05	4.44E-05	0.298676	-3.34811	0.000222968	0.382983	-2.61108	7.47E-05	0.325168	-3.07534	0.000410317	0.416308	-2.40207	0.000171798	0.368963	-2.7103	0.000126755	0.352795	-2.83451	0.00179194	0.499589	-2.00165	0.233675	1.21533	1.21533	0.00164066	0.494502	-2.02224	24.0065	9.27476	0.343417	1
cg09947881	AGA	0.000406783	0.184248	0.862708	-1.15914	0.457581	1.08255	1.08255	0.0540508	0.795109	-1.25769	0.169139	0.85762	-1.16602	0.215344	0.872198	-1.14653	3.56E-06	0.319593	-3.12898	0.779604	1.02985	1.02985	0.372405	0.908448	-1.10078	0.679543	1.04452	1.04452	15.1299	2.63434	0.154769	1
cg09976051	AGA	0.000704993	0.000125856	0.392673	-2.54665	0.0744193	0.757106	-1.32082	0.00021656	0.421503	-2.37246	0.0232704	0.684112	-1.46175	0.714339	0.949838	-1.05281	0.580722	1.08123	1.08123	0.000727235	0.487097	-2.05298	0.102209	1.28451	1.28451	0.267455	0.85068	-1.17553	12.985	4.03015	0.275883	1
cg16070743	AGA	0.00422546	0.00265615	0.375968	-2.6598	0.0361361	0.563559	-1.77444	0.00362043	0.395865	-2.52611	0.0297043	0.547588	-1.82619	0.00109309	0.321851	-3.10702	0.00181823	0.352345	-2.83813	0.0232491	0.528159	-1.89337	0.0115165	0.475327	-2.10382	0.0702524	0.621113	-1.61001	7.72358	6.77498	0.779717	1
cg00398048	AGA	0.0247706	0.0404915	0.535899	-1.86603	0.891846	1.03652	1.03652	0.0169322	0.463943	-2.15544	0.300983	0.753853	-1.32652	0.00125931	0.288991	-3.46031	0.0272454	0.502121	-1.99155	0.0831328	0.603023	-1.65831	0.650517	0.886702	-1.12777	0.300855	0.753793	-1.32662	4.37122	4.81228	0.97858	1
cg00004818	AGA	0.0268427	0.173442	0.741091	-1.34936	0.0302476	1.69392	1.69392	0.183954	1.33856	1.33856	0.0121531	0.52383	-1.90901	0.0205816	0.561567	-1.78073	0.0736539	0.66197	-1.51064	0.326918	1.2329	1.2329	0.852823	0.962309	-1.03917	0.695899	1.08465	1.08465	4.25037	2.88094	0.602498	1
cg02388882	AGAP11	0.00316167	0.0163392	3.15504	3.15504	0.00843298	3.73098	3.73098	0.954421	1.02262	1.02262	0.0594722	2.29934	2.29934	0.012582	3.36879	3.36879	0.00105368	6.66283	6.66283	0.00166835	5.81156	5.81156	0.0014489	6.05695	6.05695	0.00770151	3.81965	3.81965	8.42563	20.4426	2.15665	1
cg19700682	AGAP11	0.00633413	0.00198435	0.20781	-4.81208	0.0538887	0.455124	-2.19721	0.0322295	0.405713	-2.4648	0.00260614	0.223128	-4.48173	0.00360513	0.242354	-4.1262	0.0138085	0.334671	-2.988	0.00412466	0.250657	-3.98951	0.0434602	0.433778	-2.30532	0.0561677	0.459355	-2.17697	6.82384	13.9818	1.8213	1
cg13447813	AGAP11	0.00675692	0.0100931	0.428381	-2.33437	0.0167791	0.466621	-2.14307	0.0507398	0.559161	-1.78839	0.517166	0.842397	-1.18709	0.000220187	0.200333	-4.9917	0.125006	0.648121	-1.54292	0.0678918	0.586231	-1.70581	0.996603	0.998889	-1.00111	0.0205973	0.482728	-2.07156	6.68833	7.22454	0.960152	1
cg23983136	AGAP11	0.0125379	0.696771	1.07462	1.07462	0.442915	0.866092	-1.15461	0.092614	0.711704	-1.40508	0.354796	1.19117	1.19117	0.356509	0.840066	-1.19038	0.07462	1.44046	1.44046	0.00134183	2.35458	2.35458	0.0108861	0.555728	-1.79944	0.827393	1.04095	1.04095	5.49461	2.93876	0.475417	1
cg17876497	AGAP11	0.0252399	0.0113619	12.3084	12.3084	0.0507336	5.83146	5.83146	0.185363	3.04196	3.04196	0.520265	1.67572	1.67572	0.879132	0.886442	-1.12811	0.158614	3.29912	3.29912	0.00500493	18.9514	18.9514	0.0114088	12.2823	12.2823	0.0151585	10.6257	10.6257	4.34278	43.1559	8.83323	1
cg10376827	AGAP11;C10orf116	0.0494885	0.298245	1.61057	1.61057	0.0273959	0.315553	-3.16904	0.95936	1.02278	1.02278	0.228781	0.572196	-1.74765	0.0520001	0.376385	-2.65685	0.892746	1.06144	1.06144	0.0289138	3.12216	3.12216	0.0600492	2.5539	2.5539	0.599315	1.26406	1.26406	3.40139	10.5246	2.75039	1
cg14505298	AGAP1;AGAP1	1.42E-06	1.87E-06	0.168132	-5.94771	0.0525362	0.717591	-1.39355	2.51E-05	0.283571	-3.52645	0.00884947	0.605525	-1.65146	0.000159358	0.378474	-2.64219	4.72E-06	0.20645	-4.84379	7.30E-07	0.133288	-7.50256	2.86E-07	0.102855	-9.72238	0.445167	1.12431	1.12431	67.0873	24.0809	0.319066	1
cg20762805	AGAP1;AGAP1	8.37E-06	7.78E-05	0.306383	-3.26389	0.000716721	0.426626	-2.34397	2.90E-06	0.15739	-6.35363	0.0176104	0.62021	-1.61236	0.219895	1.23785	1.23785	0.000600117	0.416583	-2.40048	5.19E-05	0.285938	-3.49727	1.15E-06	0.123989	-8.06522	0.251962	1.21891	1.21891	42.484	18.4094	0.385178	1
cg14993464	AGAP1;AGAP1	4.11E-05	9.35E-05	0.161932	-6.17544	0.0003325	0.220188	-4.54158	0.00117721	0.28829	-3.46873	0.0435147	0.54522	-1.83412	0.000209611	0.197831	-5.05481	8.45E-05	0.157738	-6.33962	1.85E-05	0.102346	-9.77075	1.19E-05	0.0888299	-11.2575	0.698447	0.903276	-1.10708	28.0389	30.3207	0.961225	1
cg10647547	AGAP1;AGAP1	4.13E-05	0.00401534	0.622713	-1.60588	0.629732	0.942211	-1.06133	0.302472	0.877313	-1.13984	0.0179499	1.42247	1.42247	2.58E-05	0.359942	-2.77822	0.609221	0.938778	-1.06521	1.18E-05	0.320908	-3.11616	0.000140963	2.23669	2.23669	0.792877	1.03277	1.03277	27.9935	6.6571	0.211386	1
cg06722870	AGAP1;AGAP1	5.02E-05	0.00787446	1.35859	1.35859	0.000555746	0.617841	-1.61854	0.00208008	0.677375	-1.47629	0.862688	0.98456	-1.01568	0.626802	1.04503	1.04503	0.000606399	0.62183	-1.60816	1.39E-05	2.26035	2.26035	0.000335741	1.6817	1.6817	0.705341	1.03474	1.03474	26.5893	3.40242	0.113744	1
cg24303806	AGAP1;AGAP1	0.000408337	0.000757235	0.298837	-3.34631	0.5856	0.877883	-1.1391	0.016607	0.500566	-1.99774	0.89185	0.968331	-1.0327	0.00106778	0.31859	-3.13883	0.934381	0.980708	-1.01967	4.61E-05	0.161946	-6.17488	0.144786	1.44845	1.44845	0.000453929	0.270594	-3.69557	15.114	13.3959	0.787847	1
cg09589951	AGAP1;AGAP1	0.000436247	0.0485487	0.734442	-1.36158	0.00703321	0.620479	-1.61166	0.000470668	0.471107	-2.12266	0.011079	0.646415	-1.54699	4.98E-05	0.352454	-2.83725	0.00103416	0.513918	-1.94583	0.324881	0.870012	-1.14941	0.0143879	1.51169	1.51169	0.104755	0.78439	-1.27488	14.8406	4.40965	0.26412	1
cg07420827	AGAP1;AGAP1	0.000538998	0.00063747	0.453396	-2.20558	0.607617	1.08124	1.08124	0.00208108	0.520208	-1.92231	0.000198132	0.38947	-2.56759	0.00143925	0.499167	-2.00334	0.605426	1.08177	1.08177	0.0749796	0.741508	-1.3486	0.0110226	1.61756	1.61756	0.00920231	0.607327	-1.64656	13.9955	5.04178	0.320215	1
cg12436738	AGAP1;AGAP1	0.000610185	0.000536002	0.214472	-4.66262	0.0497014	0.527374	-1.89619	0.558622	0.844469	-1.18418	0.00516597	0.348097	-2.87277	0.0348093	0.49505	-2.02	0.00545062	2.84298	2.84298	6.36E-05	0.122102	-8.18988	0.0929897	0.589667	-1.69587	0.977181	0.991859	-1.00821	13.5202	17.4906	1.14992	1
cg22076755	AGAP1;AGAP1	0.000618437	0.0123883	0.602964	-1.65847	0.00301754	1.93618	1.93618	8.16E-05	3.17212	3.17212	0.472347	1.12613	1.12613	0.0019839	0.491712	-2.03371	0.0473721	1.44579	1.44579	0.916969	1.01709	1.01709	0.242602	0.819777	-1.21984	0.393492	0.867585	-1.15263	13.4696	5.63354	0.371769	1
cg04348251	AGAP1;AGAP1	0.000660435	0.22341	0.837801	-1.1936	0.000140357	2.48289	2.48289	0.0320858	1.41534	1.41534	0.319201	0.86726	-1.15306	0.000228708	0.428711	-2.33257	0.470044	0.903323	-1.10702	0.00984148	1.57046	1.57046	0.414872	1.12221	1.12221	0.881061	1.02093	1.02093	13.2246	4.00879	0.26945	1
cg04856858	AGAP1;AGAP1	0.00096486	0.0107491	0.597313	-1.67417	0.0123028	1.65078	1.65078	0.544638	1.10361	1.10361	0.0391103	1.46797	1.46797	0.275573	0.833295	-1.20006	0.866207	1.02748	1.02748	0.510601	0.898262	-1.11326	0.000760381	2.27137	2.27137	0.000110897	2.98403	2.98403	11.8864	4.86644	0.363921	1
cg07988466	AGAP1;AGAP1	0.00113809	0.00588437	0.637835	-1.5678	0.00346557	0.609504	-1.64068	0.00260895	0.594381	-1.68242	0.0538378	0.760989	-1.31408	0.850889	1.02376	1.02376	0.0872539	0.790113	-1.26564	0.00023601	2.13896	2.13896	0.707076	0.953991	-1.04823	0.979748	0.996838	-1.00317	11.3418	2.79633	0.219157	1
cg27634020	AGAP1;AGAP1	0.0011382	0.450439	1.08153	1.08153	0.0907778	0.827037	-1.20914	0.00038679	0.561588	-1.78066	0.236696	0.881296	-1.13469	0.306953	0.897811	-1.11382	0.000690873	1.69537	1.69537	0.00425154	1.4769	1.4769	0.0308048	1.29498	1.29498	0.874882	1.01619	1.01619	11.3415	1.86591	0.14624	1
cg14895183	AGAP1;AGAP1	0.0012538	0.220352	1.21295	1.21295	0.000213681	0.395963	-2.52549	0.000973192	0.47939	-2.08598	0.138808	1.26963	1.26963	0.647283	1.07146	1.07146	0.347321	1.15602	1.15602	0.00539685	1.73107	1.73107	0.067317	0.735527	-1.35957	0.84411	1.02994	1.02994	11.0327	3.92218	0.316004	1
cg20403528	AGAP1;AGAP1	0.00129444	0.293513	0.816513	-1.22472	0.280303	1.23218	1.23218	0.277768	1.23365	1.23365	0.877569	0.971728	-1.02909	0.247462	0.798552	-1.25227	0.0421335	1.54585	1.54585	0.031685	0.625901	-1.5977	0.327345	1.20696	1.20696	2.74E-05	0.214748	-4.65662	10.9325	5.99237	0.487223	1
cg24213248	AGAP1;AGAP1	0.00145641	0.0193189	0.592367	-1.68814	0.00766545	0.530317	-1.88567	0.0473927	0.657171	-1.52167	0.0315812	0.627176	-1.59445	0.257534	1.24444	1.24444	0.984492	0.996409	-1.0036	0.000214205	3.13936	3.13936	0.0267176	1.62559	1.62559	0.10565	0.720982	-1.387	10.5689	5.73354	0.482215	1
cg01951459	AGAP1;AGAP1	0.00161424	0.00204941	4.88096	4.88096	0.00663279	3.61754	3.61754	0.666423	1.17146	1.17146	0.247615	1.55441	1.55441	0.0203646	0.360497	-2.77395	0.0181256	2.84958	2.84958	0.000198359	9.78834	9.78834	0.0293243	2.55163	2.55163	0.0156998	2.94625	2.94625	10.2601	21.6383	1.87463	1
cg09480515	AGAP1;AGAP1	0.00198209	0.400671	0.865498	-1.1554	0.0593342	0.69946	-1.42967	0.00258346	0.495933	-2.0164	0.123124	1.32375	1.32375	0.0017975	0.474403	-2.10791	0.00646296	0.551796	-1.81226	0.0023656	0.490676	-2.03801	0.0166264	1.63406	1.63406	0.531727	1.11223	1.11223	9.6672	4.31686	0.396931	1
cg06836084	AGAP1;AGAP1	0.00205414	0.528224	0.899824	-1.11133	0.00193688	0.484574	-2.06367	0.00126352	0.45963	-2.17567	0.631324	1.08314	1.08314	0.0132982	0.602481	-1.6598	0.993949	0.998748	-1.00125	0.00105496	2.22612	2.22612	0.464435	1.13088	1.13088	0.623704	0.921566	-1.08511	9.56712	4.13448	0.384138	1
cg23856611	AGAP1;AGAP1	0.00216013	0.13733	0.532826	-1.87678	0.715553	1.15486	1.15486	0.447545	0.737467	-1.35599	0.0331132	0.375289	-2.66461	0.159774	0.553794	-1.80573	0.183558	1.74208	1.74208	3.91E-05	0.0451754	-22.1359	0.237717	1.62675	1.62675	0.0645423	0.441809	-2.26342	9.42758	23.1089	2.17884	1
cg17147638	AGAP1;AGAP1	0.00259213	0.893666	1.01977	1.01977	0.00930861	1.62096	1.62096	0.0386021	0.704149	-1.42015	0.292949	1.1732	1.1732	0.00338455	0.557985	-1.79216	0.633087	0.932006	-1.07295	0.00687872	0.5991	-1.66917	0.00132606	1.98099	1.98099	0.703552	0.945562	-1.05757	8.93627	3.03388	0.30178	1
cg25101898	AGAP1;AGAP1	0.00412283	0.0245936	0.233373	-4.28498	0.0496234	3.3783	3.3783	0.254682	0.523915	-1.90871	0.0326096	0.256857	-3.89321	0.100777	0.37645	-2.65639	0.0199239	0.217146	-4.60521	0.000942008	0.068482	-14.6024	0.00115279	0.0745752	-13.4093	0.994232	0.996079	-1.00394	7.78117	36.4069	4.15898	1
cg11026129	AGAP1;AGAP1	0.004309	0.00207486	0.513773	-1.94639	0.00170878	0.502605	-1.98963	0.164465	0.796247	-1.25589	0.408221	0.878145	-1.13876	0.0802638	1.34726	1.34726	0.708745	1.05933	1.05933	0.00731968	1.70091	1.70091	0.405422	1.13969	1.13969	0.179664	0.803388	-1.24473	7.67798	2.8694	0.332194	1
cg00998774	AGAP1;AGAP1	0.00502957	0.992118	1.00147	1.00147	0.0124784	0.630566	-1.58588	0.831811	1.03205	1.03205	0.822702	0.967255	-1.03385	0.319896	0.858576	-1.16472	0.213138	0.823246	-1.2147	0.000241095	2.46251	2.46251	0.0542198	1.3828	1.3828	0.220281	0.825974	-1.21069	7.32539	2.55328	0.309824	1
cg15241635	AGAP1;AGAP1	0.00628472	0.0440784	1.62459	1.62459	0.00236959	0.410997	-2.43311	0.0945299	0.680106	-1.47036	0.0329143	0.592528	-1.68768	0.956896	0.988726	-1.0114	0.160273	1.36981	1.36981	0.00497448	2.18132	2.18132	0.514045	1.14891	1.14891	0.118944	0.701177	-1.42617	6.84041	4.76699	0.619454	1
cg03447424	AGAP1;AGAP1	0.00681706	0.305752	0.840513	-1.18975	0.00388193	0.52879	-1.89111	0.00262817	0.505466	-1.97837	0.0114722	0.595598	-1.67899	0.508935	0.896033	-1.11603	0.345622	1.1725	1.1725	0.0130963	1.65562	1.65562	0.613112	1.08713	1.08713	0.367549	0.85929	-1.16375	6.66992	2.8356	0.377896	1
cg15575017	AGAP1;AGAP1	0.00691455	0.653227	0.908384	-1.10086	0.14521	0.717232	-1.39425	0.0779703	0.659593	-1.51609	0.644367	0.905961	-1.1038	0.000348672	0.294718	-3.39307	0.00328361	0.426914	-2.34239	0.0280182	0.576109	-1.73578	0.198815	1.33442	1.33442	0.607859	0.895864	-1.11624	6.64049	4.74768	0.635519	1
cg00767712	AGAP1;AGAP1	0.00692563	0.581221	1.12325	1.12325	0.0483913	0.624681	-1.60082	0.452287	0.85236	-1.17321	0.00974338	0.5056	-1.97785	0.421213	1.18699	1.18699	0.217874	0.763059	-1.31051	0.00507014	2.16617	2.16617	0.00357312	2.27819	2.27819	0.128287	1.40913	1.40913	6.63718	4.57495	0.612704	1
cg03451670	AGAP1;AGAP1	0.00712558	0.379159	0.694498	-1.43989	0.662948	1.19388	1.19388	0.0727163	0.4453	-2.24568	0.0111671	0.276629	-3.61495	0.0289097	0.353151	-2.83165	0.00500187	4.48563	4.48563	0.00210227	0.174128	-5.74289	0.77743	1.12133	1.12133	0.573904	0.794866	-1.25807	6.57852	17.0116	2.2986	1
cg09042437	AGAP1;AGAP1	0.00721914	0.577133	0.85066	-1.17556	0.571244	1.17857	1.17857	0.138347	1.58114	1.58114	0.00268686	3.29108	3.29108	0.181725	0.665609	-1.50238	0.516594	0.827923	-1.20784	0.00195446	3.51651	3.51651	0.0217002	2.20633	2.20633	0.00821714	2.64024	2.64024	6.55178	8.55559	1.16075	1
cg09726703	AGAP1;AGAP1	0.00726158	0.212448	0.712803	-1.40291	0.120752	1.54309	1.54309	0.102751	0.631153	-1.5844	0.128088	1.52817	1.52817	0.0481845	0.558726	-1.78979	0.258587	0.737958	-1.35509	0.0137496	0.456016	-2.19291	0.00113044	3.43878	3.43878	0.351901	0.781169	-1.28013	6.53979	6.88318	0.935563	1
cg12678433	AGAP1;AGAP1	0.00729452	0.173847	0.657369	-1.52122	0.29784	0.73131	-1.36741	0.00289912	0.305096	-3.27765	0.276116	1.38885	1.38885	0.00205384	0.283878	-3.52264	0.702403	1.11774	1.11774	0.193943	0.671325	-1.48959	0.00952576	2.59134	2.59134	0.508719	0.823346	-1.21456	6.53054	8.69532	1.18354	1
cg17380682	AGAP1;AGAP1	0.00754466	0.65231	1.05856	1.05856	0.45096	0.908122	-1.10117	0.0444993	1.33581	1.33581	0.986297	1.00216	1.00216	0.00283616	0.597076	-1.67483	0.446103	1.10236	1.10236	0.00135193	1.79325	1.79325	0.175965	1.19787	1.19787	0.148662	0.823349	-1.21455	6.46198	1.61142	0.221662	1
cg25161429	AGAP1;AGAP1	0.00835292	0.808871	1.08072	1.08072	0.00125036	4.52667	4.52667	0.00689976	3.06566	3.06566	0.980341	1.00792	1.00792	0.688673	1.13771	1.13771	0.931514	1.02792	1.02792	0.00606698	0.317303	-3.15156	0.122018	1.71069	1.71069	0.379192	1.33508	1.33508	6.25842	10.1709	1.44458	1
cg12296472	AGAP1;AGAP1	0.00922392	0.319273	0.85961	-1.16332	0.0504355	1.38779	1.38779	0.0307327	1.45206	1.45206	0.35714	1.14934	1.14934	0.470637	1.1139	1.1139	0.711467	1.05612	1.05612	0.000165084	2.56953	2.56953	0.342796	1.15448	1.15448	0.71074	1.05628	1.05628	6.06485	2.07495	0.304113	1
cg02740065	AGAP1;AGAP1	0.00976009	0.622573	1.05537	1.05537	0.0256667	1.33361	1.33361	0.0437102	1.2864	1.2864	0.984529	0.997896	-1.00211	0.0342377	1.3078	1.3078	0.0014338	1.64994	1.64994	0.00113331	1.6824	1.6824	0.271378	1.13244	1.13244	0.996149	0.999476	-1.00052	5.95666	1.11312	0.166107	1
cg15981851	AGAP1;AGAP1	0.0106382	0.0237801	3.9794	3.9794	0.0063283	6.16998	6.16998	0.172717	2.10175	2.10175	0.0568436	3.01395	3.01395	0.245235	1.8629	1.8629	0.0397743	3.37624	3.37624	0.000796618	13.3662	13.3662	0.00725224	5.88879	5.88879	0.041388	3.33381	3.33381	5.79455	24.0441	3.68838	1
cg05873085	AGAP1;AGAP1	0.0121153	0.266557	0.834453	-1.19839	0.0781785	1.35791	1.35791	0.703336	1.06164	1.06164	0.000804391	2.20497	2.20497	0.997071	1.00057	1.00057	0.0100616	1.66166	1.66166	0.0242286	1.52199	1.52199	0.669543	0.935084	-1.06942	0.55946	0.911857	-1.09666	5.55622	2.1509	0.344102	1
cg09128829	AGAP1;AGAP1	0.0122415	0.597207	1.09113	1.09113	0.025655	0.648241	-1.54264	0.3825	0.863754	-1.15774	0.534766	0.902298	-1.10828	0.025203	1.54545	1.54545	0.148103	1.28883	1.28883	0.00371827	1.89822	1.89822	0.584796	1.09443	1.09443	0.00641825	1.78578	1.78578	5.53755	2.34566	0.376526	1
cg20315133	AGAP1;AGAP1	0.0140182	0.464477	0.922833	-1.08362	0.346364	0.900683	-1.11027	0.128412	0.837554	-1.19395	0.0177739	0.732799	-1.36463	0.458179	0.921746	-1.0849	0.319547	0.894978	-1.11735	0.000860914	1.71557	1.71557	0.4374	0.918098	-1.08921	0.178704	0.85718	-1.16662	5.29762	0.976236	0.163803	1
cg04134958	AGAP1;AGAP1	0.0143295	0.110612	0.490369	-2.03928	0.000553372	0.111111	-9	0.389559	0.696694	-1.43535	0.0842789	0.457109	-2.18766	0.0902359	0.465208	-2.14958	0.90368	0.951589	-1.05087	0.285051	0.634357	-1.5764	0.516404	0.763623	-1.30955	0.00333373	0.194429	-5.14327	5.25947	13.9947	2.36521	1
cg06486088	AGAP1;AGAP1	0.0163128	0.79319	1.03499	1.03499	0.876599	1.02055	1.02055	0.0331471	1.38542	1.38542	0.896165	1.01724	1.01724	0.0232818	0.701221	-1.42608	0.761945	1.04057	1.04057	0.00117831	1.86444	1.86444	0.0774057	1.29299	1.29299	0.140314	1.23079	1.23079	5.03841	1.36719	0.241203	1
cg03785646	AGAP1;AGAP1	0.0174462	0.186665	1.68452	1.68452	0.075767	2.08819	2.08819	0.00652482	3.73123	3.73123	0.0571649	2.22921	2.22921	0.651491	1.18458	1.18458	0.00995225	3.36254	3.36254	0.00759831	3.59265	3.59265	0.00695016	3.67297	3.67297	0.020311	2.83543	2.83543	4.92655	10.8283	1.95373	1
cg14435073	AGAP1;AGAP1	0.01834	0.00840199	0.423169	-2.36312	0.592565	0.871109	-1.14796	0.556192	1.16423	1.16423	0.294461	1.32019	1.32019	0.0052952	0.39104	-2.55728	0.725854	0.913993	-1.0941	0.0037212	0.367513	-2.72099	0.108107	0.639013	-1.56491	0.454163	0.823023	-1.21503	4.84451	5.00706	0.918714	1
cg01662504	AGAP1;AGAP1	0.0200741	0.0586107	1.27365	1.27365	0.286473	1.13352	1.13352	0.706947	0.958139	-1.04369	0.170193	0.847559	-1.17986	0.0112337	1.43282	1.43282	0.10179	0.816445	-1.22482	0.0046782	1.53071	1.53071	0.326741	1.12146	1.12146	0.246745	0.871852	-1.14698	4.69865	0.95395	0.180468	1
cg07611816	AGAP1;AGAP1	0.0203033	0.00380386	0.159111	-6.28494	0.00537214	0.177931	-5.62016	0.0277092	0.293581	-3.40621	0.144725	0.478212	-2.09112	0.0162736	0.250643	-3.98973	0.162351	0.495337	-2.01883	0.0145669	0.242426	-4.12496	0.755435	0.863166	-1.15853	0.372393	0.649675	-1.53923	4.68055	16.4411	3.12235	1
cg11553308	AGAP1;AGAP1	0.0204332	0.316355	1.324	1.324	0.618404	1.14574	1.14574	0.286774	0.741047	-1.34944	0.398197	0.791079	-1.2641	0.000355372	0.211511	-4.72788	0.575961	0.858051	-1.16543	0.67021	1.12307	1.12307	0.646419	1.13331	1.13331	0.626863	1.14195	1.14195	4.6704	5.42966	1.03339	1
cg03191532	AGAP1;AGAP1	0.0212199	0.575528	1.13341	1.13341	0.51393	1.15782	1.15782	0.0160315	0.520712	-1.92045	0.00471168	2.29635	2.29635	0.364258	1.22924	1.22924	0.15184	0.711853	-1.40478	0.914731	1.02399	1.02399	0.122149	1.44902	1.44902	0.0414357	0.594154	-1.68307	4.61059	3.57858	0.689923	1
cg06748522	AGAP1;AGAP1	0.0225545	0.0206873	0.273912	-3.65081	0.00288944	0.148952	-6.71359	0.0114383	0.2297	-4.3535	0.0789815	0.403894	-2.4759	0.0237303	0.285138	-3.50708	0.230285	0.55711	-1.79498	0.0181976	0.263775	-3.79111	0.867083	0.925096	-1.08097	0.425572	0.6851	-1.45964	4.51516	15.4492	3.04144	1
cg18543018	AGAP1;AGAP1	0.0226386	0.718296	1.07714	1.07714	0.0136441	0.534797	-1.86987	0.262572	0.786924	-1.27077	0.434272	1.17782	1.17782	0.119472	0.707098	-1.41423	0.368363	0.827342	-1.20869	0.0036471	2.24052	2.24052	0.0837391	1.48085	1.48085	0.831242	1.04475	1.04475	4.50939	3.00544	0.592432	1
cg17653955	AGAP1;AGAP1	0.0227994	0.963577	1.01127	1.01127	0.703659	0.910445	-1.09836	0.0177752	2.02897	2.02897	0.62338	0.885585	-1.1292	0.47113	1.19718	1.19718	0.150316	1.46013	1.46013	0.00379418	2.60813	2.60813	0.00463917	2.52062	2.52062	0.0697817	1.64513	1.64513	4.49841	4.29376	0.848449	1
cg11395453	AGAP1;AGAP1	0.0228677	0.941876	0.962307	-1.03917	0.217872	1.9798	1.9798	0.289412	1.78498	1.78498	0.018307	4.5209	4.5209	0.815289	0.883997	-1.13122	0.642069	0.781421	-1.27972	0.00230063	9.43805	9.43805	0.0176047	4.58042	4.58042	0.0196981	4.41176	4.41176	4.49378	19.7592	3.90846	1
cg23208172	AGAP1;AGAP1	0.0234199	0.0789983	1.65771	1.65771	0.0667973	0.587101	-1.70328	0.32619	1.30043	1.30043	0.014962	2.1713	2.1713	0.175037	0.688128	-1.45322	0.162172	0.679254	-1.4722	0.980478	1.00636	1.00636	0.0188956	2.08931	2.08931	0.0818624	0.606736	-1.64816	4.45695	4.74051	0.945442	1
cg24530529	AGAP1;AGAP1	0.0248351	0.317276	0.617595	-1.61918	0.698344	1.19907	1.19907	0.911073	0.949251	-1.05346	0.00829266	4.82279	4.82279	0.553934	0.756464	-1.32194	0.458215	0.703193	-1.42208	0.0213117	3.6328	3.6328	0.0170235	3.88186	3.88186	0.0145538	4.06717	4.06717	4.36727	15.0309	3.05931	1
cg27076454	AGAP1;AGAP1	0.0252736	0.118117	2.33789	2.33789	0.127728	2.27889	2.27889	0.00222068	9.38263	9.38263	0.732359	1.18499	1.18499	0.895345	1.0672	1.0672	0.00729096	5.94134	5.94134	0.391464	0.646954	-1.5457	0.717708	0.835672	-1.19664	0.324796	0.603547	-1.65687	4.80347	18.1853	2.94457	1
cg00369677	AGAP1;AGAP1	0.0256621	0.185831	0.775743	-1.28909	0.0224797	1.64024	1.64024	0.190101	0.777865	-1.28557	0.280129	0.816087	-1.22536	0.011413	0.563752	-1.77383	0.683685	1.07697	1.07697	0.0129428	1.74792	1.74792	0.627016	0.915171	-1.09269	0.480325	0.878208	-1.13868	4.31774	2.2408	0.461312	1
cg13658143	AGAP1;AGAP1	0.0276882	0.13486	0.643138	-1.55488	0.347964	1.30292	1.30292	0.790989	1.07544	1.07544	0.441161	0.80648	-1.23996	0.00206308	0.304741	-3.28148	0.208089	1.43826	1.43826	0.0117321	0.42228	-2.3681	0.738366	1.09614	1.09614	0.561262	0.851416	-1.17451	4.20432	4.99275	1.05558	1
cg26641996	AGAP1;AGAP1	0.0276958	0.346099	0.81352	-1.22923	0.8163	0.951708	-1.05074	0.337332	0.810261	-1.23417	0.175361	0.735992	-1.35871	0.000387266	0.300015	-3.33317	0.187729	0.743083	-1.34574	0.89161	1.02942	1.02942	0.153981	0.722791	-1.38353	0.2671	0.781984	-1.2788	4.20392	3.01233	0.636936	1
cg12269677	AGAP1;AGAP1	0.0278837	0.753569	1.0465	1.0465	0.795156	1.03826	1.03826	0.729164	0.951073	-1.05144	0.217884	1.20572	1.20572	0.00811364	1.63099	1.63099	0.0527138	0.72772	-1.37415	0.0564126	1.36583	1.36583	0.889363	0.980112	-1.02029	0.0144505	0.647258	-1.54498	4.19393	1.38355	0.29324	1
cg21845052	AGAP1;AGAP1	0.0288859	0.00245143	0.200586	-4.98539	0.920734	0.962769	-1.03867	0.0168283	0.328934	-3.04012	0.543189	1.2644	1.2644	0.0175666	0.332375	-3.00865	0.679289	1.17173	1.17173	0.287446	0.656372	-1.52353	0.662676	1.18213	1.18213	0.865078	1.06698	1.06698	4.142	9.53248	2.04571	1
cg09142020	AGAP1;AGAP1	0.0301202	0.00292322	0.59685	-1.67546	0.667231	1.05612	1.05612	0.645143	1.06028	1.06028	0.0435215	0.74601	-1.34046	0.526106	0.92211	-1.08447	0.013031	0.677827	-1.4753	0.0658794	0.770664	-1.29758	0.457188	1.10029	1.10029	0.992807	0.998863	-1.00114	4.08103	1.02994	0.224331	1
cg01113246	AGAP1;AGAP1	0.0303814	0.542989	0.759086	-1.31737	0.00538351	0.193907	-5.1571	0.114621	0.46387	-2.15578	0.907566	0.949331	-1.05337	0.146905	0.498126	-2.00753	0.433283	0.699101	-1.43041	0.0056481	0.196752	-5.08255	0.118827	2.13375	2.13375	0.0927157	0.436847	-2.28913	4.06852	12.9132	2.82127	1
cg26780481	AGAP1;AGAP1	0.0308985	0.196778	0.741235	-1.3491	0.00279282	0.404871	-2.46993	0.15688	0.717333	-1.39405	0.943227	0.984494	-1.01575	0.434534	0.839497	-1.19119	0.341695	0.806568	-1.23982	0.109117	1.4672	1.4672	0.117951	1.45136	1.45136	0.11883	1.44985	1.44985	4.04415	3.08362	0.677767	1
cg14903799	AGAP1;AGAP1	0.0344529	0.0926819	1.52667	1.52667	0.00346685	0.403592	-2.47775	0.10442	0.666382	-1.50064	0.283233	0.774954	-1.2904	0.464605	1.18553	1.18553	0.119098	1.47226	1.47226	0.358502	1.24099	1.24099	0.221241	1.34183	1.34183	0.757446	0.931613	-1.07341	3.88922	3.22086	0.736134	1
cg13808848	AGAP1;AGAP1	0.0363996	0.0363856	3.63291	3.63291	0.0293401	3.90078	3.90078	0.0316748	3.80316	3.80316	0.105447	2.555	2.555	0.930036	0.954498	-1.04767	0.0945499	2.65	2.65	0.00704852	6.3414	6.3414	0.0190295	4.5064	4.5064	0.0582884	3.11052	3.11052	3.81251	16.982	3.95937	1
cg06470440	AGAP1;AGAP1	0.0367526	0.949579	1.02192	1.02192	0.54771	1.23198	1.23198	0.84562	1.06913	1.06913	0.273989	1.47751	1.47751	0.00349431	0.256962	-3.89163	0.314276	1.42885	1.42885	0.104373	1.83823	1.83823	0.0452281	2.19861	2.19861	0.0947499	1.8771	1.8771	3.79914	7.07596	1.65557	1
cg00059854	AGAP1;AGAP1	0.0369726	0.954117	0.963046	-1.03837	0.00619119	10.3415	10.3415	0.0096288	8.53749	8.53749	0.987576	0.989862	-1.01024	0.737344	1.24642	1.24642	0.797382	1.18337	1.18337	0.0356583	0.201872	-4.95364	0.274451	2.10468	2.10468	0.932252	1.05722	1.05722	3.79089	25.7128	6.02914	1
cg19759366	AGAP1;AGAP1	0.0372815	0.167219	0.276305	-3.61919	0.00156904	0.0189122	-52.8759	0.0374257	0.121272	-8.24591	0.369116	0.446725	-2.23852	0.0822729	0.186071	-5.3743	0.0739297	0.175518	-5.69742	0.551693	1.69225	1.69225	0.078951	0.181926	-5.49674	0.366358	0.444538	-2.24952	3.7794	45.6805	10.7437	1
cg14931348	AGAP1;AGAP1	0.0383476	0.754413	1.16013	1.16013	0.0151135	4.10849	4.10849	0.0362758	3.16535	3.16535	0.603298	1.28165	1.28165	0.0188808	0.260272	-3.84214	0.699399	0.832226	-1.2016	0.13916	0.470758	-2.12423	0.364205	1.5548	1.5548	0.218577	0.541991	-1.84505	3.74065	13.2726	3.15396	1
cg26176204	AGAP1;AGAP1	0.0385909	0.0817693	0.409689	-2.44088	0.84017	0.910808	-1.09793	0.89733	1.06155	1.06155	0.976155	0.986268	-1.01392	0.0177036	0.263275	-3.79831	0.645926	0.807331	-1.23865	0.00733165	0.20205	-4.94927	0.0569303	2.70946	2.70946	0.287241	1.66732	1.66732	3.73199	12.6513	3.01329	1
cg16096063	AGAP1;AGAP1	0.038597	0.0279458	0.489466	-2.04304	0.101538	0.610695	-1.63748	0.504778	0.830119	-1.20465	0.474601	1.22144	1.22144	0.895307	1.03688	1.03688	0.0339037	0.505976	-1.97638	0.0101039	2.44192	2.44192	0.312491	0.750207	-1.33297	0.49699	1.2089	1.2089	3.73177	4.47261	1.06535	1
cg11420827	AGAP1;AGAP1	0.0389316	0.0428963	0.717786	-1.39317	0.00852698	0.620238	-1.61228	0.483378	0.903609	-1.10667	0.430054	1.12144	1.12144	0.0387645	0.711387	-1.40571	0.50258	1.10166	1.10166	0.0991649	1.29333	1.29333	0.0633418	0.742946	-1.34599	0.76712	0.958621	-1.04316	3.71998	1.19297	0.285061	1
cg14406878	AGAP1;AGAP1	0.039027	0.780625	1.09586	1.09586	0.0128486	2.75384	2.75384	0.267332	1.46064	1.46064	0.0632788	1.98345	1.98345	0.372849	0.740847	-1.34981	0.059992	2.00514	2.00514	0.0362084	2.22234	2.22234	0.00664024	3.17417	3.17417	0.161032	1.63369	1.63369	3.71664	6.32789	1.51341	1
cg22032385	AGAP1;AGAP1	0.0399786	0.464859	0.846349	-1.18155	0.0390476	1.70865	1.70865	0.00768918	2.15578	2.15578	0.0507959	1.64718	1.64718	0.409483	0.827635	-1.20826	0.766965	1.06892	1.06892	0.0283581	1.78677	1.78677	0.0425717	1.6882	1.6882	0.293267	1.277	1.277	3.68386	2.93461	0.7081	1
cg15055128	AGAP1;AGAP1	0.0430694	0.278055	0.801759	-1.24726	0.0213488	0.581674	-1.71918	0.0973903	0.700251	-1.42806	0.371147	1.19707	1.19707	0.00613393	0.49634	-2.01475	0.0231579	0.587539	-1.70202	0.436823	1.1681	1.1681	0.448172	0.859491	-1.16348	0.588219	0.898456	-1.11302	3.5837	2.17781	0.540177	1
cg26456999	AGAP1;AGAP1	0.0450045	0.463154	1.17581	1.17581	0.49373	1.16268	1.16268	0.656072	0.907367	-1.10209	0.0534315	0.621399	-1.60927	?	?	?	0.0290645	0.572401	-1.74703	0.00843935	2.07394	2.07394	0.854619	0.961003	-1.04058	0.613221	0.895348	-1.11688	3.57903	2.36979	0.66213	1
cg14811872	AGAP1;AGAP1	0.0470983	0.947542	1.00894	1.00894	0.00609509	1.62273	1.62273	0.00530812	1.64338	1.64338	0.172399	1.21698	1.21698	0.300917	0.865081	-1.15596	0.410162	1.12062	1.12062	0.921309	0.986728	-1.01345	0.880983	0.979946	-1.02046	0.427934	1.11565	1.11565	3.46569	1.00351	0.257383	1
cg13971232	AGAP1;AGAP1	0.0472294	0.18262	0.505531	-1.97812	0.365399	0.638559	-1.56602	0.0928584	0.40992	-2.4395	0.725286	0.843529	-1.1855	0.0107847	0.213356	-4.687	0.0371309	0.311256	-3.21279	0.00488046	0.165373	-6.04694	0.754487	1.16335	1.16335	0.130224	0.454622	-2.19963	3.46206	12.7547	3.2748	1
cg05958206	AGAP1;AGAP1	0.0472408	0.0650043	0.388762	-2.57227	0.0377188	0.333208	-3.00113	0.327912	1.58483	1.58483	0.140017	0.484806	-2.06268	0.0326709	0.319892	-3.12605	0.522688	1.34367	1.34367	0.0189862	0.273867	-3.6514	0.930317	1.04069	1.04069	0.0337175	0.322771	-3.09817	3.46174	11.3995	2.92711	1
cg24768561	AGAP1;AGAP1	0.0474249	0.0772535	0.374012	-2.67371	0.056247	0.33878	-2.95176	0.00745991	0.178196	-5.61179	0.98283	1.01083	1.01083	0.00780456	0.180891	-5.5282	0.131859	0.442957	-2.25755	0.0951578	0.399307	-2.50434	0.660664	0.801579	-1.24754	0.863032	1.0903	1.0903	3.45667	13.7226	3.52881	1
cg11829201	AGAP1;AGAP1	0.0474566	0.102035	1.74274	1.74274	0.643933	0.865487	-1.15542	0.0440963	2.05019	2.05019	0.552812	1.20486	1.20486	0.808358	1.07834	1.07834	0.457918	1.26441	1.26441	0.00363797	0.294904	-3.39093	0.757636	0.908398	-1.10084	0.341294	0.737599	-1.35575	3.45579	5.27263	1.35621	1
cg12157614	AGAP1;AGAP1	0.0483062	0.976536	1.01014	1.01014	0.676827	1.15464	1.15464	0.0223962	0.391201	-2.55623	0.345832	0.716744	-1.3952	0.107969	0.547917	-1.8251	0.681198	1.15223	1.15223	0.0117474	2.94375	2.94375	0.0780762	1.95729	1.95729	0.473021	0.778521	-1.28449	3.4327	6.39739	1.65659	1
cg17611475	AGAP2	8.11E-07	0.70909	1.04377	1.04377	1.69E-06	0.25372	-3.94136	0.000719325	0.555227	-1.80107	3.75E-06	0.290766	-3.4392	0.000308174	0.511918	-1.95344	1.09E-05	0.342623	-2.91866	3.51E-08	0.104537	-9.56598	0.00033042	0.515482	-1.93993	8.56E-06	0.330628	-3.02455	77.3671	16.0123	0.183969	1
cg22505898	AGAP2	0.00794417	0.967972	0.982573	-1.01774	0.0216117	0.298855	-3.3461	0.0923139	0.444315	-2.25066	0.0234928	0.305808	-3.27003	0.00230116	0.15485	-6.45786	0.0375117	0.347569	-2.87713	0.000882584	0.112778	-8.86695	0.520384	0.751805	-1.33013	0.0128521	0.258538	-3.86791	6.35814	19.3056	2.69898	1
cg23458843	AGAP2	0.0139211	0.184354	0.71431	-1.39995	0.257146	1.32653	1.32653	0.0734712	0.620745	-1.61097	0.187377	1.39635	1.39635	0.00650674	0.429569	-2.32791	0.00101121	0.311796	-3.20722	0.501629	0.849636	-1.17697	0.928809	1.02158	1.02158	0.540229	0.8623	-1.15969	5.30974	4.80088	0.803701	1
cg22199080	AGAP2	0.0365957	0.0847148	0.326207	-3.06553	0.0566883	0.281571	-3.5515	0.363916	0.577995	-1.73012	0.0415302	0.251353	-3.97847	0.00805601	0.136119	-7.34651	0.0308814	0.225545	-4.43371	0.006386	0.124286	-8.04593	0.968178	1.02371	1.02371	0.147919	0.401708	-2.48937	3.80506	20.8029	4.8597	1
cg23377551	AGAP2;AGAP2	0.0052649	0.00459062	3.35395	3.35395	0.724928	1.11998	1.11998	0.00437391	3.38994	3.38994	0.0103279	2.81879	2.81879	0.0238566	2.37445	2.37445	0.126428	0.588439	-1.69941	0.934379	0.973934	-1.02676	0.210375	1.52703	1.52703	0.00124537	4.53955	4.53955	7.22367	11.7686	1.44815	1
cg12253175	AGAP2;AGAP2	0.00587404	0.00304566	5.01658	5.01658	0.804779	0.906295	-1.10339	0.00608409	4.14939	4.14939	0.00246877	5.32469	5.32469	0.0502672	2.42705	2.42705	0.567849	0.795021	-1.25783	0.0897424	2.10253	2.10253	0.0303338	2.74967	2.74967	0.00267747	5.20282	5.20282	6.98473	17.4615	2.22219	1
cg00769161	AGAP2;AGAP2	0.00810616	0.0579979	1.5038	1.5038	0.0459062	1.54595	1.54595	0.000867279	2.58979	2.58979	0.171229	1.31965	1.31965	0.139146	1.35401	1.35401	0.725944	0.935192	-1.0693	0.926438	1.01774	1.01774	0.390366	0.845713	-1.18243	0.00129446	2.44109	2.44109	6.31787	3.62718	0.510323	1
cg16402452	AGAP2;AGAP2	0.0130668	0.0264522	1.97921	1.97921	0.0585006	1.74116	1.74116	0.0145623	2.18296	2.18296	0.0136449	2.20672	2.20672	0.411753	1.24326	1.24326	0.0373216	0.534201	-1.87195	0.310158	0.761512	-1.31318	0.689587	1.10978	1.10978	0.00792327	2.41918	2.41918	5.42106	5.77872	0.947534	1
cg22507723	AGAP2;AGAP2	0.0136749	0.0387344	1.92066	1.92066	0.136352	1.54898	1.54898	0.0101459	2.42101	2.42101	0.00543086	2.71154	2.71154	0.0183922	2.18134	2.18134	0.330631	0.760549	-1.31484	0.735096	1.09702	1.09702	0.451236	1.23281	1.23281	0.00310914	3.01274	3.01274	5.34093	6.28897	1.04667	1
cg09596958	AGAP2;AGAP2	0.0186363	0.00835942	6.25293	6.25293	0.335012	1.71741	1.71741	0.0131119	5.33093	5.33093	0.00448598	7.8543	7.8543	0.0225872	4.41662	4.41662	0.648562	0.779111	-1.28351	0.368546	1.65267	1.65267	0.159863	2.26354	2.26354	0.011618	5.56229	5.56229	4.81841	22.5808	4.16566	1
cg22863590	AGAP2;AGAP2	0.0193448	0.532249	0.893173	-1.1196	0.510537	0.887639	-1.12658	0.0234545	1.62159	1.62159	0.0882879	1.39915	1.39915	0.0672926	0.693385	-1.4422	0.296639	1.21318	1.21318	0.0019246	2.19036	2.19036	0.0662047	1.44482	1.44482	0.393405	1.16897	1.16897	4.75802	2.4032	0.448963	1
cg01595558	AGAP2;AGAP2	0.0230004	0.012399	2.53387	2.53387	0.152441	1.58067	1.58067	0.0253906	2.21159	2.21159	0.391042	0.769114	-1.3002	0.142493	0.624436	-1.60144	0.147048	1.59174	1.59174	0.00833105	2.73807	2.73807	0.0590407	1.89041	1.89041	0.06511	1.85635	1.85635	4.48483	6.33772	1.25613	1
cg15539944	AGAP2;AGAP2	0.0255875	0.670301	1.12177	1.12177	0.989347	1.00359	1.00359	0.00340884	2.90917	2.90917	0.0455022	1.85043	1.85043	0.32664	0.762062	-1.31223	0.0919492	0.607871	-1.64509	0.580661	0.860954	-1.1615	0.454791	0.815231	-1.22665	0.0203365	2.11794	2.11794	4.32213	4.92836	1.01357	1
cg14845962	AGAP2;LOC100130776;AGAP2	0.00114485	0.0585413	5.3428	5.3428	0.0357144	0.147123	-6.79702	0.000409418	81.5346	81.5346	0.0420578	6.27632	6.27632	0.676328	1.38988	1.38988	0.526006	0.604211	-1.65505	0.000119547	195.353	195.353	0.594157	0.655933	-1.52455	0.0237891	8.29449	8.29449	11.3227	110.258	8.65579	1
cg01834979	AGAP2;LOC100130776;AGAP2	0.00797253	0.435421	1.49293	1.49293	0.496857	0.70652	-1.41539	0.0145594	4.55164	4.55164	0.421581	1.51203	1.51203	0.895443	0.935928	-1.06846	0.349436	0.615653	-1.62429	0.000231125	21.7223	21.7223	0.444879	0.675558	-1.48026	0.0612499	2.89242	2.89242	6.35102	25.5102	3.5704	1
cg11511175	AGAP2;LOC100130776;AGAP2	0.00915166	0.158218	2.3606	2.3606	0.364403	1.70006	1.70006	0.00827205	6.83863	6.83863	0.118841	2.62183	2.62183	0.612367	1.33767	1.33767	0.879738	1.09003	1.09003	0.000216001	33.6201	33.6201	0.561902	1.39641	1.39641	0.0227366	4.72263	4.72263	6.08003	31.2161	4.56374	1
cg06314111	AGAP2;LOC100130776;AGAP2	0.0124337	0.324284	1.67091	1.67091	0.702416	0.823994	-1.2136	0.0372446	3.38528	3.38528	0.295792	1.72762	1.72762	0.935392	1.04173	1.04173	0.523898	0.721993	-1.38505	0.000280962	19.9838	19.9838	0.425099	0.663137	-1.50798	0.0861109	2.60225	2.60225	5.50956	22.1927	3.58047	1
cg16823042	AGAP2;LOC100130776;AGAP2	0.0261988	0.14072	2.8776	2.8776	0.138224	2.89983	2.89983	0.00804267	9.62914	9.62914	0.0789313	3.67416	3.67416	0.449954	1.67114	1.67114	0.929809	1.06053	1.06053	0.00164822	20.1908	20.1908	0.625364	1.38851	1.38851	0.0236466	6.06302	6.06302	4.28665	30.2071	6.26381	1
cg23387569	AGAP2;LOC100130776;AGAP2	0.0490031	0.120622	2.80523	2.80523	0.578848	1.40996	1.40996	0.00274877	12.5782	12.5782	0.122824	2.78546	2.78546	0.582229	1.40557	1.40557	0.652645	0.757589	-1.31998	?	?	?	0.707532	1.25977	1.25977	0.0248028	5.14044	5.14044	3.4648	18.3134	5.28554	1
cg03714522	AGAP3	0.00428569	0.0356161	2.67933	2.67933	0.000548638	8.69661	8.69661	0.00886982	3.82727	3.82727	0.0885869	2.13187	2.13187	0.117403	1.98435	1.98435	0.00621807	4.20937	4.20937	0.00233389	5.54287	5.54287	0.00616449	4.21925	4.21925	0.0100375	3.70432	3.70432	7.69059	19.7775	2.28591	1
cg14446604	AGAP3	0.0151672	0.0970733	1.82483	1.82483	0.00318939	3.78094	3.78094	0.0558439	2.04531	2.04531	0.969204	0.98733	-1.01283	0.387913	1.33949	1.33949	0.0594641	2.01912	2.01912	0.00202838	4.20988	4.20988	0.00873454	3.01459	3.01459	0.154856	1.65348	1.65348	5.16174	8.9184	1.53581	1
cg23232891	AGAP3	0.0268317	0.108974	1.82207	1.82207	0.00100521	5.34275	5.34275	0.00952184	3.08719	3.08719	0.22859	1.54299	1.54299	0.996538	1.00149	1.00149	0.248719	1.51262	1.51262	0.11286	1.80822	1.80822	0.0785992	1.95527	1.95527	0.309638	1.43458	1.43458	4.25097	7.93177	1.65855	1
cg07429146	AGAP3	0.0435623	0.111873	2.72778	2.72778	0.00323613	10.2567	10.2567	0.0506341	3.63614	3.63614	0.502931	1.48296	1.48296	0.227263	2.08486	2.08486	0.11253	2.72192	2.72192	0.0159779	5.5277	5.5277	0.031716	4.3038	4.3038	0.167018	2.34869	2.34869	3.56855	18.9869	4.72943	1
cg05951573	AGAP3;AGAP3	0.00380915	0.0271511	4.96419	4.96419	0.0551925	3.78778	3.78778	0.0865354	3.1899	3.1899	0.120073	2.80996	2.80996	0.0131581	6.5767	6.5767	0.0432184	4.15712	4.15712	0.000133751	57.7157	57.7157	0.00266839	12.7397	12.7397	0.0159451	6.09901	6.09901	7.96891	47.3758	5.28451	1
cg01501264	AGAP3;AGAP3	0.00843178	0.0183735	1.51403	1.51403	0.823957	1.03283	1.03283	0.439947	1.12096	1.12096	0.929864	1.01284	1.01284	0.000368305	0.437452	-2.28597	0.96779	1.00587	1.00587	0.129912	1.26766	1.26766	0.0860913	1.31646	1.31646	0.985418	0.997354	-1.00265	6.23988	2.07703	0.295879	1
cg02549844	AGAP3;AGAP3	0.0106253	0.528967	0.764018	-1.30887	0.0472157	2.60701	2.60701	0.0715935	2.33728	2.33728	0.564431	0.782041	-1.27871	0.0843488	0.446755	-2.23836	0.246067	0.599337	-1.66851	0.000904208	0.123039	-8.12752	0.508207	1.32744	1.32744	0.0291958	0.338093	-2.95777	5.7968	16.3494	2.50705	1
cg19752686	AGAP3;AGAP3	0.0128179	0.00804636	6.4293	6.4293	0.00539754	7.44467	7.44467	0.0270658	4.19752	4.19752	0.0779831	2.92551	2.92551	0.010478	5.84669	5.84669	0.283983	1.8406	1.8406	0.0129651	5.42097	5.42097	0.00391609	8.40044	8.40044	0.0564181	3.26731	3.26731	5.45521	25.9569	4.2295	1
cg27437510	AGAP3;AGAP3	0.0192554	0.0149333	7.39371	7.39371	0.00215147	17.818	17.818	0.0229223	6.16586	6.16586	0.137019	2.91723	2.91723	0.493918	1.59099	1.59099	0.300847	2.04741	2.04741	0.242515	2.26498	2.26498	0.00702406	10.2742	10.2742	0.0210608	6.38971	6.38971	4.76549	33.7212	6.28989	1
cg09205595	AGAP3;AGAP3	0.0220911	0.455335	1.27184	1.27184	0.00642946	3.06761	3.06761	0.0246765	2.33021	2.33021	0.0233105	2.35672	2.35672	0.529973	0.817746	-1.22287	0.015006	2.57422	2.57422	0.224633	1.49686	1.49686	0.0436237	2.08258	2.08258	0.0105182	2.76779	2.76779	4.54749	7.20278	1.40791	1
cg25788549	AGAP3;AGAP3	0.0339569	0.320526	0.698975	-1.43067	0.419607	1.33341	1.33341	0.0841122	1.94806	1.94806	0.226351	0.64195	-1.55775	0.00360355	0.252825	-3.95531	0.414372	1.33794	1.33794	0.0432679	0.444327	-2.25059	0.0731782	0.497974	-2.00814	0.687337	0.86834	-1.15162	3.90963	7.53852	1.71395	1
cg23286756	AGAP4	6.41E-06	1.50E-05	0.476077	-2.1005	0.0853235	0.85443	-1.17037	4.22E-05	0.524965	-1.90489	6.08E-05	0.542071	-1.84478	3.81E-05	0.520225	-1.92224	7.36E-07	0.330922	-3.02186	4.47E-05	0.527703	-1.895	0.0234793	0.799453	-1.25086	1.01E-05	0.45709	-2.18775	45.5144	4.93087	0.0962992	1
cg13555884	AGAP4	0.0391011	0.340042	0.855806	-1.16849	0.207769	1.2341	1.2341	0.305022	1.18318	1.18318	0.164415	0.790637	-1.2648	0.0200288	0.641195	-1.55959	0.157866	0.78732	-1.27013	0.0114898	1.64987	1.64987	0.821469	1.03644	1.03644	0.151996	0.784252	-1.2751	3.71405	1.4751	0.353036	1
cg23028840	AGAP5	0.0155016	0.0238694	0.719005	-1.39081	0.451816	1.09834	1.09834	0.78925	0.967751	-1.03332	0.206751	1.17696	1.17696	0.030844	1.36377	1.36377	0.924056	1.01174	1.01174	0.001273	1.77736	1.77736	0.148905	1.20855	1.20855	0.316294	0.880932	-1.13516	5.12457	1.21525	0.210793	1
cg11401929	AGAP5	0.0247769	0.0713578	0.794567	-1.25855	0.0214744	1.37085	1.37085	0.015371	0.712014	-1.40447	0.0386148	0.760683	-1.31461	0.100386	0.81422	-1.22817	0.41675	0.909584	-1.0994	0.148855	1.19337	1.19337	0.0779985	0.799623	-1.25059	0.335692	0.892833	-1.12003	4.37083	0.902573	0.183555	1
cg08198609	AGAP5	0.0281677	0.030652	0.42279	-2.36524	0.0805319	0.518338	-1.92924	0.0358049	0.436898	-2.28886	0.231314	0.653349	-1.53058	0.0103816	0.334792	-2.98693	0.0222501	0.394975	-2.53181	0.00469441	0.279729	-3.57489	0.166717	0.606638	-1.64843	0.0295032	0.419385	-2.38444	4.17898	7.60673	1.61799	1
cg06874847	AGAP5	0.038681	0.448458	0.852715	-1.17272	0.162329	1.36029	1.36029	0.861591	0.964646	-1.03665	0.47698	1.16084	1.16084	0.00533578	0.469055	-2.13195	0.91746	0.978846	-1.02161	0.165597	1.35663	1.35663	0.0708173	0.659445	-1.51643	0.0253844	0.578053	-1.72994	3.7288	2.51236	0.598907	1
cg00625450	AGAP5;BMS1P4	0.0258316	0.0215154	0.79583	-1.25655	0.419768	1.07056	1.07056	0.318703	0.9183	-1.08897	0.238451	0.902923	-1.10751	0.0590236	0.838344	-1.19283	0.0359292	0.817232	-1.22364	0.00871819	1.31839	1.31839	0.147051	0.879239	-1.13735	0.23208	0.901539	-1.10921	4.30784	0.466675	0.0962948	1
cg09474173	AGAP6	0.0419725	0.804018	0.950679	-1.05188	0.347944	0.821532	-1.21724	0.462784	0.858948	-1.16421	0.0858559	0.679664	-1.47131	0.00615454	0.483352	-2.06889	0.714511	1.0776	1.0776	0.0138562	0.538683	-1.85638	0.596662	0.897048	-1.11477	0.00974906	0.514296	-1.9444	3.6182	2.37139	0.582582	1
cg16299440	AGAP7	0.00141997	0.000103081	0.311469	-3.21059	0.596063	0.913185	-1.09507	0.000640302	0.410765	-2.43448	0.0109899	0.581786	-1.71885	0.244793	0.813389	-1.22942	0.0494639	0.683477	-1.46311	0.139425	1.30997	1.30997	0.373358	1.16781	1.16781	0.0261147	0.638848	-1.56532	10.6461	4.85915	0.40571	1
cg12868052	AGBL1	0.000754013	0.717642	1.08573	1.08573	0.177866	0.723043	-1.38304	2.91E-05	0.156121	-6.40528	0.00361768	0.409852	-2.43991	0.000452329	0.285888	-3.49787	0.97279	1.00776	1.00776	0.0302227	0.561501	-1.78094	0.277783	0.774429	-1.29127	0.0117701	0.49037	-2.03927	12.7424	10.3527	0.722187	1
cg19887404	AGBL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20975733	AGBL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17840707	AGBL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02907524	AGBL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16226785	AGBL1	0.0147808	0.203473	0.672673	-1.48661	0.9149	1.03208	1.03208	0.187955	0.662235	-1.51004	0.922205	0.971559	-1.02927	0.000265565	0.17052	-5.86442	0.896996	0.962465	-1.039	0.306007	0.731203	-1.36761	0.607772	0.858199	-1.16523	0.0171134	0.423826	-2.35946	5.20596	7.19395	1.22833	1
cg04134722	AGBL1	0.0150539	0.000867967	0.231085	-4.32742	0.02935	2.12201	2.12201	0.251033	0.703577	-1.42131	0.413304	1.27785	1.27785	0.123249	0.612956	-1.63144	0.2949	0.727278	-1.37499	0.400555	1.28692	1.28692	0.300318	1.36976	1.36976	0.332262	0.745856	-1.34074	5.17456	7.04285	1.20983	1
cg04170298	AGBL1	0.0157641	0.594201	0.89398	-1.11859	0.00234725	0.412763	-2.4227	0.147892	0.723576	-1.38202	0.918034	1.02169	1.02169	0.0109875	0.514262	-1.94454	0.776441	1.06113	1.06113	0.0219323	1.77353	1.77353	0.331292	1.23234	1.23234	0.507626	1.15038	1.15038	5.09609	3.50588	0.611516	1
cg13780759	AGBL1	0.0222198	0.729351	0.957477	-1.04441	0.100222	0.798269	-1.25271	0.0249709	1.39617	1.39617	0.00439805	0.621432	-1.60919	0.075893	0.781031	-1.28036	0.202403	1.18338	1.18338	0.115078	1.23906	1.23906	0.397157	0.897208	-1.11457	0.485527	1.09271	1.09271	4.53843	1.12502	0.220344	1
cg25021884	AGBL1	0.0377921	0.837475	0.952516	-1.04985	0.683315	1.10202	1.10202	0.0187676	0.509423	-1.963	0.0517069	0.591877	-1.68954	0.0106614	0.467474	-2.13916	0.628681	1.12234	1.12234	0.326076	0.7865	-1.27146	0.017324	0.503332	-1.98676	0.0319245	0.551309	-1.81387	3.76067	3.34146	0.789801	1
cg04217927	AGBL2	0.00250101	0.591732	0.806349	-1.24016	0.17256	0.561496	-1.78096	0.118532	0.509826	-1.96145	0.0354444	0.377736	-2.64735	5.53E-05	19.7476	19.7476	0.427822	0.724813	-1.37967	0.589833	0.805442	-1.24155	0.675952	1.1819	1.1819	0.872254	0.938028	-1.06607	9.03097	22.6065	2.22508	1
cg22271305	AGBL2	0.00305656	0.0133697	0.253631	-3.94274	0.190693	0.537726	-1.85968	0.27249	0.599659	-1.66761	0.677561	0.829264	-1.20589	8.38E-05	23.775	23.775	0.505039	0.738712	-1.35371	0.262509	0.592692	-1.68722	0.707978	0.844952	-1.1835	0.997408	1.00146	1.00146	8.5108	27.0219	2.82223	1
cg21939221	AGBL2	0.0103895	0.024889	0.75641	-1.32203	0.0206092	0.747076	-1.33855	0.0224904	0.75139	-1.33087	0.00786768	0.700069	-1.42843	0.243295	0.880141	-1.13618	0.0537838	0.795339	-1.25733	0.0149944	1.36713	1.36713	0.485389	1.07695	1.07695	0.395944	1.09517	1.09517	5.83873	1.01121	0.153946	1
cg20064370	AGBL2	0.0281445	0.0573357	0.598311	-1.67137	0.013867	0.483654	-2.06759	0.0928341	0.642897	-1.55546	0.857871	0.958079	-1.04376	0.00262568	0.369716	-2.70478	0.502235	0.849857	-1.17667	0.808378	0.943607	-1.05976	0.784703	0.936672	-1.06761	0.0103424	0.462229	-2.16343	4.18019	3.77853	0.803478	1
cg18461626	AGBL3	2.03E-06	0.565102	1.06958	1.06958	0.671553	0.951867	-1.05057	2.43E-06	0.266334	-3.75469	0.958217	0.993959	-1.00608	7.49E-08	0.125585	-7.96272	0.665687	1.05156	1.05156	1.68E-05	0.359855	-2.7789	0.0497152	0.771887	-1.29553	6.81E-05	0.430472	-2.32303	61.211	12.9684	0.188324	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07074571	AGPAT4	0.00461653	0.56311	1.10225	1.10225	0.00448174	0.532001	-1.87969	0.220022	0.806732	-1.23957	0.00444931	1.88126	1.88126	0.0736241	0.717388	-1.39395
cg11342941	AGPAT4	0.00485649	0.0349485	0.486795	-2.05425	0.0289635	2.12597	2.12597	0.057351	1.87717	1.87717	0.402362	1.28538	1.28538	0.000330909	0.183109	-5.46124
cg00004806	AGPAT4	0.0073099	0.114089	0.721169	-1.38664	0.0144253	1.77431	1.77431	0.0467887	0.648634	-1.5417	0.339671	0.829322	-1.2058	0.00190217	0.433179	-2.30852
cg09043403	AGPAT4	0.008403	0.0220289	3.17346	3.17346	0.00354388	5.26983	5.26983	0.0382927	2.74419	2.74419	0.027375	2.9966	2.9966	0.932404	1.03632	1.03632
cg09887862	AGPAT4	0.00880549	0.450633	0.722074	-1.3849	0.00171985	0.114673	-8.72043	0.0340651	0.331849	-3.01342	0.0151402	3.88929	3.88929	0.0770455	2.36416	2.36416
cg18299670	AGPAT4	0.0101602	0.00262898	0.218095	-4.58516	0.0800351	0.491508	-2.03455	0.0592228	0.458903	-2.17911	0.29041	0.669482	-1.49369	0.000809982	0.157619	-6.34442
cg25034944	AGPAT4	0.013192	0.0560128	0.329755	-3.03256	0.212454	1.96029	1.96029	0.0390934	3.40036	3.40036	0.0434742	0.304203	-3.28728	0.0276283	0.263217	-3.79915
cg27627911	AGPAT4	0.013805	0.0889737	0.732609	-1.36498	0.00537979	1.8365	1.8365	0.00303838	1.96123	1.96123	0.859252	1.02988	1.02988	0.525475	0.89878	-1.11262
cg00809917	AGPAT4	0.0152489	0.00543141	0.600109	-1.66637	0.276724	0.85392	-1.17107	0.655036	0.939159	-1.06478	0.0998802	1.28619	1.28619	0.0377908	0.714439	-1.3997
cg25107188	AGPAT4	0.0175001	0.0140792	0.597438	-1.67381	0.17922	1.27442	1.27442	0.731919	0.943231	-1.06019	0.793885	0.956475	-1.04551	0.00247536	0.489156	-2.04434
cg07109788	AGPAT4	0.021167	0.0240493	0.37329	-2.67888	0.0175648	2.88073	2.88073	0.167885	1.71286	1.71286	0.159035	0.576296	-1.73522	0.00791652	0.287354	-3.48003
cg05895465	AGPAT4	0.0247061	0.417753	0.848596	-1.17842	0.0269089	1.68133	1.68133	0.575772	0.89397	-1.11861	0.786761	1.05523	1.05523	0.0334319	0.610964	-1.63676
cg09221482	AGPAT4	0.0280151	0.19232	1.47501	1.47501	0.00288511	3.17115	3.17115	0.0824392	1.7191	1.7191	0.290399	1.3621	1.3621	0.700179	1.11514	1.11514
cg15642536	AGPAT4;C6orf59	0.00145882	0.588857	0.93939	-1.06452	0.000260192	0.502456	-1.99022	0.33215	0.89169	-1.12147	0.85626	0.979439	-1.02099	0.000200036	0.488995	-2.04501
cg16675029	AGPAT5	2.54E-06	0.455668	0.959362	-1.04236	2.24E-05	0.319819	-3.12677	1.39E-05	0.276365	-3.6184	2.69E-07	0.0316633	-31.5823	?	?	?
cg22055304	AGPAT5	0.00240779	0.753703	1.0322	1.0322	0.354865	0.90861	-1.10058	0.493827	0.932423	-1.07247	0.232864	0.881644	-1.13424	0.00687936	0.703035	-1.42241
cg21672705	AGPAT5	0.0443071	0.906037	0.97491	-1.02574	0.0788641	0.657099	-1.52184	0.0520962	0.621596	-1.60876	0.397364	0.829875	-1.205	0.163779	1.3768	1.3768
cg06342110	AGPAT5;AGPAT5	0.00714684	0.948897	0.994478	-1.00555	0.00480116	1.38173	1.38173	0.00603281	1.36334	1.36334	0.109621	0.860106	-1.16265	0.0465151	1.21772	1.21772
cg27338695	AGPAT6	0.00205854	0.119726	0.841233	-1.18873	0.0952714	0.828858	-1.20648	0.883345	1.01515	1.01515	0.115225	0.839134	-1.1917	0.000518782	0.574391	-1.74098
cg03348901	AGPAT6	0.00797129	0.00955414	3.28605	3.28605	0.00367491	0.240856	-4.15187	0.0571698	0.458398	-2.18151	0.0199748	2.76745	2.76745	0.869631	1.06135	1.06135
cg13446153	AGPAT6	0.0147052	0.81376	0.965754	-1.03546	0.798571	0.962944	-1.03848	0.491197	0.901904	-1.10877	0.794618	1.03927	1.03927	0.254705	1.19197	1.19197
cg05983218	AGPAT6	0.0148991	0.1467	1.51007	1.51007	0.0409568	1.86671	1.86671	0.118205	1.5665	1.5665	0.173658	1.46671	1.46671	0.89735	0.966425	-1.03474
cg01228243	AGPAT6	0.016351	0.139735	0.643071	-1.55504	0.159945	1.51764	1.51764	0.108819	1.62563	1.62563	0.780384	0.925281	-1.08075	0.000611817	0.230744	-4.33381
cg22089878	AGPAT9	0.00126695	0.954427	0.990134	-1.00996	0.294257	0.828012	-1.20771	0.417422	1.15462	1.15462	0.61311	0.915341	-1.09249	0.0869872	0.720435	-1.38805
cg27414233	AGPAT9	0.00195727	0.0005184	0.224597	-4.45242	0.619447	0.87102	-1.14808	0.0106216	0.412232	-2.42582	0.35688	1.2987	1.2987	0.0100463	0.408125	-2.45023
cg07775417	AGPAT9	0.0279887	0.00491863	0.068304	-14.6404	0.0347534	0.16986	-5.88719	0.05486	0.208364	-4.79929	0.0739674	0.238233	-4.19756	0.00605042	0.0755797	-13.2311
cg13035628	AGPHD1	0.025009	0.193639	0.859297	-1.16374	0.595371	1.06087	1.06087	0.103459	0.821734	-1.21694	0.404804	0.910306	-1.09853	0.0044719	0.658383	-1.51887
cg08426200	AGPHD1;AGPHD1	0.00263758	0.00201123	0.115102	-8.68791	0.00105778	0.0905204	-11.0472	0.00520376	0.160549	-6.22864	0.292575	0.581783	-1.71885	0.00260958	0.126404	-7.91113
cg15266307	AGPHD1;AGPHD1	0.00319922	0.215405	1.3549	1.3549	0.000233946	0.241409	-4.14235	0.00206641	0.364023	-2.74708	0.0713245	1.59865	1.59865	0.989004	1.00321	1.00321
cg11862491	AGPHD1;AGPHD1	0.0122871	0.183104	0.812939	-1.2301	0.383924	0.877314	-1.13984	0.00126304	1.99363	1.99363	0.0548134	1.37618	1.37618	0.0694075	1.34687	1.34687
cg26277456	AGPHD1;AGPHD1	0.0171875	0.357276	1.14924	1.14924	0.559516	1.09057	1.09057	0.432315	1.12495	1.12495	0.92443	1.01404	1.01404	0.168058	0.805857	-1.24091
cg06120528	AGPHD1;AGPHD1	0.0233441	0.335077	1.13818	1.13818	0.105267	1.25916	1.25916	0.00259132	1.72205	1.72205	0.660191	1.0593	1.0593	0.520884	1.08842	1.08842
cg25843927	AGPS	0.00308635	0.506971	0.871569	-1.14736	0.507453	1.14717	1.14717	0.905441	0.976028	-1.02456	0.972687	1.00701	1.00701	0.000508615	0.329966	-3.03061
cg19655704	AGPS	0.027022	0.196541	0.858106	-1.16536	0.0431569	1.29786	1.29786	0.21909	0.865159	-1.15586	0.931145	1.00973	1.00973	0.749246	0.9647	-1.03659
cg02066184	AGR2	0.000549313	0.0619583	0.765981	-1.30551	0.0224321	0.706873	-1.41468	0.00462054	0.620013	-1.61287	2.69E-05	0.349431	-2.86179	0.299093	0.8724	-1.14626
cg25343204	AGR2	0.0029611	0.00275676	0.36382	-2.74861	0.915662	1.02627	1.02627	0.00100568	0.302671	-3.30391	0.390917	0.806375	-1.24012	0.000516922	0.265508	-3.76637
cg24426405	AGR2	0.0403865	0.0379215	0.250914	-3.98544	0.240561	0.493692	-2.02556	0.0213757	0.204207	-4.897	0.852807	0.898796	-1.1126	0.0564421	0.28917	-3.45818
cg06255943	AGR3	9.78E-05	7.68E-05	0.241561	-4.13974	0.000101199	0.25511	-3.91988	0.954755	1.01131	1.01131	0.00116852	0.388687	-2.57276	8.82E-06	0.147787	-6.76648
cg21041127	AGR3	0.00584126	0.10872	0.785764	-1.27265	0.0440385	0.726959	-1.37559	0.000249255	0.434713	-2.30037	0.721725	0.95191	-1.05052	0.259497	0.850347	-1.17599
cg11039314	AGR3	0.00926961	0.405296	1.21544	1.21544	0.0547205	0.606945	-1.6476	0.0795351	0.640216	-1.56197	0.794901	1.06151	1.06151	0.000179721	0.233808	-4.27701
cg19978910	AGR3	0.0125692	0.210945	0.775875	-1.28887	0.0832357	1.44659	1.44659	0.260611	0.7978	-1.25345	0.454145	0.863469	-1.15812	0.000454089	0.345158	-2.89723
cg21678478	AGR3	0.0162819	0.793116	1.06154	1.06154	0.00144034	0.351141	-2.84786	0.087154	0.65107	-1.53593	0.78336	0.939303	-1.06462	0.88879	1.0323	1.0323
cg03055733	AGRN	0.000299182	0.407456	0.874556	-1.14344	0.00406204	0.543244	-1.84079	0.000128057	0.348662	-2.86811	0.313972	1.17907	1.17907	0.00012571	0.347685	-2.87617
cg10490668	AGRN	0.00091517	0.0679477	0.851894	-1.17385	0.0568757	1.18408	1.18408	0.146553	0.884989	-1.12996	0.283522	0.916347	-1.09129	0.595274	0.958835	-1.04293
cg16903000	AGRN	0.00200759	0.62525	1.08348	1.08348	0.340708	0.852211	-1.17342	0.000211258	0.364639	-2.74244	0.88229	0.976157	-1.02443	0.000299808	0.383672	-2.60639
cg23625715	AGRN	0.00276934	0.613544	0.718764	-1.39128	0.00362428	12.8438	12.8438	0.000719865	28.1401	28.1401	0.00171563	18.2133	18.2133	0.137617	0.354577	-2.82026
cg10046671	AGRN	0.00509944	0.000484263	0.289464	-3.45466	0.671425	1.10151	1.10151	0.0972164	0.662044	-1.51047	0.338806	0.799789	-1.25033	0.00217865	0.377461	-2.64928
cg07008945	AGRN	0.00558053	0.543698	1.23445	1.23445	0.44961	0.767954	-1.30216	0.49624	1.26713	1.26713	0.000102265	0.0946686	-10.5632	0.0255618	0.402869	-2.4822
cg07396477	AGRN	0.00703858	0.511345	1.13446	1.13446	0.247809	1.25712	1.25712	0.699619	1.07619	1.07619	0.100263	1.40638	1.40638	0.00226906	0.445427	-2.24504
cg08480609	AGRN	0.00773195	0.00403402	1.65993	1.65993	0.41833	1.11462	1.11462	0.31254	1.14691	1.14691	0.00235079	1.74533	1.74533	0.491548	1.096	1.096
cg01150641	AGRN	0.00820456	0.913983	1.05615	1.05615	0.0170731	4.35003	4.35003	0.00229448	8.6285	8.6285	0.00163742	9.78148	9.78148	0.835395	0.900141	-1.11094
cg03790440	AGRN	0.00884123	0.125872	0.734082	-1.36224	0.0262665	1.63558	1.63558	0.269864	0.80698	-1.23919	0.0171784	1.71943	1.71943	0.000815359	0.389842	-2.56514
cg26222311	AGRN	0.011432	0.929572	1.0493	1.0493	0.0158686	4.99414	4.99414	0.0103762	5.79692	5.79692	0.000840894	15.3965	15.3965	0.353092	0.594424	-1.6823
cg00299257	AGRN	0.0129691	0.114121	0.685014	-1.45982	0.269758	1.28784	1.28784	0.075518	1.54575	1.54575	0.0580965	0.62409	-1.60233	0.000886582	0.334098	-2.99313
cg12483930	AGRN	0.0140951	0.00746985	0.375951	-2.65992	0.0493902	0.528879	-1.89079	0.00893376	0.388795	-2.57205	0.0532493	0.535943	-1.86587	0.00238918	0.300505	-3.32773
cg15574137	AGRN	0.0181007	0.258955	0.729626	-1.37056	0.792898	1.07296	1.07296	0.195558	1.44249	1.44249	0.255574	1.37392	1.37392	0.00230716	0.319918	-3.1258
cg12469361	AGRN	0.0187249	0.0141204	1.48739	1.48739	0.193991	1.19737	1.19737	0.555172	0.924754	-1.08137	0.0282796	1.40418	1.40418	0.560432	1.08022	1.08022
cg02630349	AGRN	0.0192808	0.469592	1.18412	1.18412	0.00200301	2.72324	2.72324	0.580666	0.879704	-1.13675	0.150598	0.701941	-1.42462	0.564728	1.14307	1.14307
cg14253035	AGRN	0.0237932	0.0136736	0.398336	-2.51044	0.446065	0.791014	-1.2642	0.45144	0.793285	-1.26058	0.184649	0.653974	-1.52911	0.00122245	0.239789	-4.17034
cg24685837	AGRN	0.0246955	0.21536	0.862357	-1.15961	0.578554	0.938267	-1.06579	0.538925	0.931795	-1.0732	0.869403	0.981488	-1.01886	0.0685555	0.793324	-1.26052
cg08387293	AGRN	0.0286828	0.249754	0.733839	-1.3627	0.0517118	1.76766	1.76766	0.925805	0.976321	-1.02425	0.161569	1.46902	1.46902	0.00259798	0.341803	-2.92566
cg11853970	AGRN	0.0314869	0.00532747	0.67162	-1.48894	0.407567	1.0962	1.0962	0.969765	1.00412	1.00412	0.280724	1.12926	1.12926	0.288952	1.12676	1.12676
cg02288964	AGRN	0.0319677	0.803622	1.09049	1.09049	0.0176129	2.72953	2.72953	0.0386349	0.434815	-2.29983	0.794488	0.913229	-1.09502	0.0227263	2.58085	2.58085
cg04559824	AGRN	0.0325755	0.208182	0.847248	-1.18029	0.0953626	0.795418	-1.2572	0.887207	1.01789	1.01789	0.586105	0.933625	-1.07109	0.524939	1.08381	1.08381
cg03185752	AGRN	0.0349186	0.0915173	0.736493	-1.35779	0.0467057	0.687386	-1.45479	0.156125	1.28369	1.28369	0.566003	1.10021	1.10021	0.00267746	0.504968	-1.98032
cg22482746	AGRN	0.0373566	0.145294	1.5573	1.5573	0.39166	0.779907	-1.2822	0.677884	0.888424	-1.12559	0.0161886	2.30057	2.30057	0.580864	1.17111	1.17111
cg15469001	AGRN	0.0378748	0.213692	0.748486	-1.33603	0.751129	1.07294	1.07294	0.00702822	0.462522	-2.16206	0.833542	0.954503	-1.04767	0.023529	0.549637	-1.81938
cg20594982	AGRN	0.0461189	0.0483513	4.75574	4.75574	0.0707872	4.03714	4.03714	0.0100452	9.44969	9.44969	0.235333	2.36253	2.36253	0.114696	3.27336	3.27336
cg25759916	AGRN	0.0483578	0.251161	0.512488	-1.95127	0.0702016	3.1289	3.1289	0.00661735	7.66543	7.66543	0.0339191	4.07717	4.07717	0.809098	1.14349	1.14349
cg06810461	AGRP;AGRP	0.00716506	0.46777	0.870939	-1.14819	0.190061	1.29637	1.29637	0.00149734	0.424826	-2.35391	0.329232	0.828344	-1.20723	0.040761	0.642909	-1.55543
cg06285333	AGRP;ATP6V0D1;AGRP	0.045549	0.0165376	0.170588	-5.86207	0.787009	0.849097	-1.17772	0.669056	1.29657	1.29657	0.535013	0.68422	-1.46152	0.128937	0.371186	-2.69407
cg14523948	AGT	4.96E-07	0.275414	1.13331	1.13331	0.000190894	2.00043	2.00043	0.0137958	1.39894	1.39894	0.046712	1.28553	1.28553	0.000313907	0.525049	-1.90458
cg22647018	AGT	0.049591	0.885164	1.09535	1.09535	0.0253295	5.34153	5.34153	0.228473	2.21791	2.21791	0.466673	1.59489	1.59489	0.246682	0.466066	-2.14562
cg14965947	AGTPBP1	0.00695528	0.526923	0.945584	-1.05755	0.0575158	1.20621	1.20621	0.00712737	1.35437	1.35437	0.0582202	1.20541	1.20541	0.0810418	1.18392	1.18392
cg14063347	AGTPBP1	0.0101269	0.0970975	0.665875	-1.50178	0.00146099	0.358321	-2.7908	0.00710078	0.45991	-2.17434	0.692216	1.09292	1.09292	0.0243285	0.549146	-1.82101
cg20906621	AGTR1;AGTR1;AGTR1;AGTR1	0.0043666	0.0962448	1.6756	1.6756	0.189491	1.48109	1.48109	0.178292	0.667524	-1.49807	0.213278	1.4483	1.4483	0.000220034	0.175521	-5.69733
cg18304969	AGTR1;AGTR1;AGTR1;AGTR1	0.0115163	0.173496	0.521762	-1.91658	0.00506241	0.178036	-5.61684	0.357436	1.52639	1.52639	?	?	?	0.339985	1.55205	1.55205
cg13528513	AGTR1;AGTR1;AGTR1;AGTR1	0.0184768	0.0300141	0.235398	-4.24812	0.0242224	0.218159	-4.58382	0.009058	0.152638	-6.55147	0.245887	0.502709	-1.98922	0.00778712	0.14425	-6.93243
cg04240493	AGTR1;AGTR1;AGTR1;AGTR1	0.0194829	0.692755	0.916066	-1.09162	0.00483409	0.438191	-2.28211	0.0280012	0.563806	-1.77366	0.78371	0.941068	-1.06262	0.717302	1.08358	1.08358
cg05710753	AGTR1;AGTR1;AGTR1;AGTR1	0.0197263	0.100105	0.609689	-1.64018	0.0961582	0.605457	-1.65165	0.0190905	0.458825	-2.17948	0.0812629	0.588141	-1.70027	0.301795	0.745424	-1.34152
cg27383174	AGTR1;AGTR1;AGTR1;AGTR1;AGTR1	0.000783446	0.908196	1.03053	1.03053	0.00439299	0.370963	-2.69569	0.270318	1.34886	1.34886	0.000768619	0.264973	-3.77397	3.24E-05	0.121651	-8.22022
cg15463966	AGTR1;AGTR1;AGTR1;AGTR1;AGTR1	0.00891835	0.0716171	0.6915	-1.44613	0.739645	1.06307	1.06307	0.0677708	0.687151	-1.45528	0.00203151	0.45029	-2.22079	0.00746472	0.531687	-1.8808
cg27260617	AGTR1;AGTR1;AGTR1;AGTR1;AGTR1	0.0154566	0.934857	0.969727	-1.03122	0.0602042	0.450634	-2.2191	0.0468163	0.424924	-2.35336	0.15888	0.567646	-1.76166	0.00106877	0.16235	-6.15952
cg17403974	AGTR2	0.00910433	0.0405423	0.251067	-3.983	0.178926	0.434179	-2.3032	0.955218	0.96772	-1.03336	0.157164	0.413131	-2.42054	0.0135374	0.167694	-5.96325
cg20164720	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.000746374	0.00179455	0.456876	-2.18878	0.0173512	1.66684	1.66684	0.472689	0.879148	-1.13746	0.214705	0.794273	-1.25901	0.0002074	0.334471	-2.9898
cg04444949	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.00166878	0.0290926	0.615805	-1.62389	0.479624	1.14507	1.14507	0.000573704	0.366087	-2.73159	0.0205695	1.6919	1.6919	0.00409759	0.483834	-2.06683
cg08425760	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.0087533	0.00814665	0.387447	-2.581	0.177577	0.669556	-1.49353	0.234538	0.705498	-1.41744	0.96712	1.01161	1.01161	0.00032912	0.197145	-5.07241
cg17350448	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.0344663	0.307978	1.20017	1.20017	0.503413	0.889213	-1.12459	0.706659	0.936716	-1.06756	0.0398449	0.663083	-1.50811	0.329391	0.840253	-1.19012
cg21826784	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.0496969	0.951645	1.02043	1.02043	0.038299	0.449022	-2.22706	0.0840143	1.89203	1.89203	0.568662	1.21186	1.21186	0.0280431	0.420849	-2.37615
cg18315762	AGXT	0.00194185	0.0220264	0.646185	-1.54755	0.285566	0.838329	-1.19285	6.13E-05	0.30856	-3.24086	0.037814	0.681848	-1.4666	0.00647537	0.569621	-1.75555
cg12301972	AGXT	0.0131179	0.058147	0.313542	-3.18937	0.11358	0.393548	-2.54099	0.725204	0.826004	-1.21065	0.0443538	0.286246	-3.4935	0.000636093	0.058326	-17.145
cg16967583	AGXT	0.019649	0.011089	0.324921	-3.07767	0.121777	0.55319	-1.8077	0.00646226	0.286534	-3.48998	0.0221418	0.379738	-2.63339	0.00755342	0.297261	-3.36404
cg18657700	AGXT	0.0207749	0.106939	0.314841	-3.17621	0.0200075	0.158288	-6.31761	0.0226551	0.166646	-6.00073	0.0549897	0.239572	-4.17411	0.00980144	0.117163	-8.53515
cg04543510	AGXT2	8.73E-06	3.43E-05	0.181627	-5.50579	0.0651494	0.64369	-1.55354	0.000719629	0.334539	-2.98919	0.00104588	0.356235	-2.80713	6.46E-07	0.0553992	-18.0508
cg01021224	AGXT2	2.88E-05	7.28E-06	0.196502	-5.08901	7.04E-05	0.303317	-3.29688	2.11E-06	0.146984	-6.80344	0.0170541	0.61981	-1.6134	0.00133888	0.464535	-2.15269
cg09745307	AGXT2	9.52E-05	0.000434221	0.293209	-3.41054	0.031452	0.573211	-1.74456	0.000100867	0.218688	-4.57272	0.0422488	0.596902	-1.67532	2.73E-05	0.161329	-6.19852
cg00516582	AGXT2	0.000196398	0.000107644	0.225878	-4.42716	1.82E-05	0.148802	-6.72033	0.0383284	0.592789	-1.68694	0.973391	1.00729	1.00729	0.000363063	0.287889	-3.47356
cg16297030	AGXT2	0.00040225	7.88E-06	0.172052	-5.81218	0.299057	0.824063	-1.2135	0.523334	1.12332	1.12332	0.953414	1.01056	1.01056	0.00139751	0.435053	-2.29857
cg10196026	AGXT2	0.00162551	0.00432462	0.40539	-2.46676	0.000774025	0.299838	-3.33514	0.00953206	0.459655	-2.17554	0.0969227	0.64965	-1.53929	0.00224365	0.363199	-2.75331
cg03681754	AGXT2	0.010922	0.274661	0.765926	-1.30561	0.974759	0.992604	-1.00745	0.000941004	0.314249	-3.18219	0.174703	0.712695	-1.40313	0.047728	0.587917	-1.70092
cg13663303	AGXT2	0.0149912	0.0582337	0.53545	-1.86759	0.0552558	1.88545	1.88545	0.00146096	0.261528	-3.82368	0.221046	0.686991	-1.45562	0.92838	0.974105	-1.02658
cg09414557	AGXT2	0.0196826	0.0587843	0.735789	-1.35909	0.570149	1.08598	1.08598	0.00475542	0.583413	-1.71405	0.468381	0.899383	-1.11187	0.299815	0.85689	-1.16701
cg13618906	AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1	0.000314675	0.16105	1.9019	1.9019	0.102249	2.15537	2.15537	0.00035456	0.0851666	-11.7417	0.179072	1.84585	1.84585	0.0955708	2.19516	2.19516
cg24255896	AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1	0.00759621	0.00184689	0.599816	-1.66718	0.11255	0.818954	-1.22107	?	?	?	0.0831083	0.801054	-1.24836	0.000719714	0.551546	-1.81309
cg15204036	AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1	0.0225266	0.927731	0.960002	-1.04166	0.108626	2.19777	2.19777	0.989452	0.99407	-1.00597	0.484411	1.37676	1.37676	0.00709196	0.209012	-4.78441
cg24727182	AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1	0.0308317	0.543186	1.05599	1.05599	0.0989289	1.1737	1.1737	0.0137424	1.30956	1.30956	0.0164589	1.29625	1.29625	0.269878	1.10707	1.10707
cg07890104	AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1	0.0334954	0.94349	0.961877	-1.03963	0.00812973	6.40919	6.40919	0.489612	1.46936	1.46936	0.105025	2.64119	2.64119	0.49085	0.681338	-1.4677
cg08057869	AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1	0.048753	0.134688	0.540235	-1.85105	0.0340967	0.389002	-2.57068	0.0201418	0.342963	-2.91577	0.615352	1.21339	1.21339	0.00737619	0.26761	-3.73677
cg23977063	AGXT2L2	0.000780178	0.87338	0.991473	-1.0086	0.0748989	1.11239	1.11239	0.0576132	1.12219	1.12219	0.00161973	0.784577	-1.27457	0.522116	1.03545	1.03545
cg03278114	AGXT2L2	0.00134868	0.142227	0.752746	-1.32847	0.000542022	2.63302	2.63302	0.365084	1.18239	1.18239	0.277462	0.816006	-1.22548	0.000193926	0.323309	-3.09301
cg18042806	AGXT2L2	0.0157487	0.0167947	0.521799	-1.91645	0.518712	1.157	1.157	0.284639	0.780557	-1.28114	0.115967	0.68329	-1.46351	0.00818614	0.470368	-2.12599
cg20721320	AGXT2L2	0.0399817	0.0260815	0.532645	-1.87742	0.0255891	0.531129	-1.88278	0.123194	0.671396	-1.48943	0.281315	1.30622	1.30622	0.166449	0.703291	-1.42189
cg18491039	AGXT2L2	0.0457671	0.0207848	0.287097	-3.48315	0.138865	0.489503	-2.04289	0.134759	0.48528	-2.06066	0.827945	0.907012	-1.10252	0.00823286	0.219686	-4.55194
cg23799440	AHCTF1	0.000277947	0.952556	0.986909	-1.01326	0.287691	1.27696	1.27696	0.0175992	1.89591	1.89591	0.0173261	1.90009	1.90009	0.000172357	0.243366	-4.10903
cg01605517	AHCTF1	0.0074883	0.814818	1.04107	1.04107	0.262649	0.818434	-1.22185	0.000755464	0.416334	-2.40192	0.589634	1.09792	1.09792	0.162617	1.29141	1.29141
cg07507951	AHCTF1	0.0165238	0.98023	0.993011	-1.00704	0.0845658	0.582777	-1.71592	0.000862924	4.11937	4.11937	0.349783	0.761543	-1.31312	0.321862	1.33597	1.33597
cg27050763	AHCTF1	0.0184884	0.711354	1.22421	1.22421	0.298766	1.79713	1.79713	0.0661638	0.32571	-3.07021	0.823315	1.12944	1.12944	0.00260154	0.103257	-9.68454
cg23636941	AHCY	0.00260633	0.392103	0.767505	-1.30292	0.0142941	2.4887	2.4887	0.453004	0.793964	-1.2595	0.0691164	1.84743	1.84743	0.00147334	0.250306	-3.99511
cg12002708	AHCY	0.0159374	0.0686715	0.317405	-3.15055	0.00588888	7.60887	7.60887	0.697766	0.80271	-1.24578	0.352225	1.71448	1.71448	0.0158676	0.189438	-5.27876
cg07721779	AHCY;AHCY	0.000139748	1.56E-05	0.504271	-1.98306	0.0292528	1.21765	1.21765	0.114695	1.14056	1.14056	0.000405281	1.53874	1.53874	0.0483813	0.841205	-1.18877
cg04043623	AHCY;AHCY	0.000747499	0.0266943	0.389924	-2.5646	0.174854	0.59596	-1.67797	0.0721541	0.486825	-2.05412	0.213536	0.625125	-1.59968	0.000340077	0.126161	-7.92637
cg17172373	AHCY;AHCY	0.00224691	0.0081295	0.360368	-2.77494	0.791574	0.923318	-1.08305	0.0661409	0.537465	-1.86058	0.0176231	0.419035	-2.38644	0.04543	1.9961	1.9961
cg12955252	AHCY;AHCY	0.00829614	0.245462	1.13186	1.13186	0.958807	0.994747	-1.00528	0.172853	1.15941	1.15941	0.00295323	1.51607	1.51607	0.00107015	1.63695	1.63695
cg22060087	AHCY;AHCY	0.0105208	0.0770301	0.657734	-1.52037	0.00241741	0.406503	-2.46001	0.00489276	0.451724	-2.21374	0.5426	0.876926	-1.14035	0.00190423	0.391712	-2.55289
cg22832527	AHCY;AHCY	0.0144433	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06298629	AHCY;AHCY	0.0183949	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21305245	AHCY;AHCY	0.0212433	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ch.20.661824R	AHCY;AHCY	0.0479623	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00574199	AHCY;AHCY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22992591	AHCY;AHCY;AHCY	0.0425475	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19595244	AHCYL1	0.000268926	0.38707	0.8931	-1.1197	0.170877	0.830605	-1.20394	4.31E-05	0.371999	-2.68818	0.000117836	0.424006	-2.35846	0.0161669	0.687623	-1.45429

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07074571	0.00367666	0.519981	-1.92315	0.0216469	0.631781	-1.58283	0.0186086	0.621806	-1.60822	0.305286	0.837959	-1.19338	7.51913	3.30279	0.390446	1
cg11342941	0.758644	0.913675	-1.09448	0.219559	1.45963	1.45963	0.473373	1.23815	1.23815	0.121399	0.611448	-1.63546	7.40407	10.0623	1.20802	1
cg00004806	0.277655	0.806784	-1.23949	0.688807	1.07956	1.07956	0.00814425	1.90431	1.90431	0.90557	0.977684	-1.02283	6.52624	3.73812	0.509141	1
cg09043403	0.0155307	3.48338	3.48338	0.0016041	6.70567	6.70567	0.00576995	4.57698	4.57698	0.0879237	2.20762	2.20762	6.24662	17.4922	2.48912	1
cg09887862	0.0141126	3.97987	3.97987	0.307942	0.637857	-1.56775	0.611048	1.2417	1.2417	0.999607	0.999793	-1.00021	8.37895	22.3782	1.78051	1
cg18299670	0.0262523	0.381334	-2.62238	0.0136969	0.32797	-3.04906	0.513812	0.784945	-1.27397	0.0499909	0.441573	-2.26463	5.88064	12.4559	1.88278	1
cg25034944	0.00629894	0.161424	-6.19485	0.0149687	0.215827	-4.63334	0.792307	1.14483	1.14483	0.184562	0.486115	-2.05713	5.40419	22.484	3.6982	1
cg27627911	0.146932	0.772447	-1.29459	0.343133	0.85045	-1.17585	0.960725	0.991865	-1.0082	0.0576212	1.42776	1.42776	5.32436	2.31992	0.387305	1
cg00809917	0.584454	1.08014	1.08014	0.0227746	1.46292	1.46292	0.722082	1.05111	1.05111	0.01505	0.658959	-1.51755	5.15256	1.59001	0.274299	1
cg25107188	0.945819	0.988516	-1.01162	0.0277258	1.55619	1.55619	0.888118	0.97636	-1.02421	0.0909056	0.728676	-1.37235	4.92146	2.25148	0.406651	1
cg07109788	0.25603	0.647827	-1.54362	0.232252	0.6321	-1.58203	0.976988	1.01062	1.01062	0.0820999	0.493952	-2.02449	4.61453	9.79829	1.88743	1
cg05895465	0.0744754	0.674369	-1.48287	0.00689208	2.00069	2.00069	0.113901	1.40633	1.40633	0.481326	1.15247	1.15247	4.37518	2.72362	0.553348	1
cg09221482	0.278842	1.37317	1.37317	0.00626077	2.72727	2.72727	0.00932152	2.53172	2.53172	0.274718	1.37723	1.37723	4.18699	5.26012	1.11671	1
cg15642536	0.698168	1.04566	1.04566	0.0114446	1.43703	1.43703	0.3797	0.901898	-1.10877	0.919604	1.01164	1.01164	10.5639	2.19654	0.184827	1
cg16675029	0.00116768	1.51545	1.51545	8.67E-05	2.24883	2.24883	0.000169329	1.9812	1.9812	?	?	?	1005.82	30.8718	0.017539	1
cg22055304	0.573051	0.944271	-1.05902	8.00E-05	0.488076	-2.04886	0.048637	1.25456	1.25456	0.0981134	1.20045	1.20045	9.13241	1.46655	0.142744	1
cg21672705	0.165641	0.727479	-1.37461	0.0166691	1.87566	1.87566	0.0595975	1.58009	1.58009	0.789052	1.0594	1.0594	3.54604	2.60053	0.651876	1
cg06342110	0.965217	1.00377	1.00377	0.116771	0.863095	-1.15862	0.292168	1.09903	1.09903	0.0023083	1.44466	1.44466	6.57241	0.777016	0.105088	1
cg27338695	0.192645	0.868307	-1.15167	0.153156	1.1696	1.1696	0.00615303	1.44197	1.44197	0.00250364	1.53732	1.53732	9.56114	1.58816	0.147649	1
cg03348901	0.142396	0.564613	-1.77112	?	?	?	0.786616	0.906324	-1.10336	0.138506	1.78263	1.78263	6.48162	11.9899	1.84983	1
cg13446153	0.595994	0.924032	-1.08221	0.000208075	0.399862	-2.50086	0.494337	1.10791	1.10791	0.399967	0.880535	-1.13567	5.21479	1.80077	0.306952	1
cg05983218	0.0219885	0.483356	-2.06887	0.391201	0.792583	-1.2617	0.00271697	0.334344	-2.99093	0.317793	1.3142	1.3142	5.19228	5.75744	0.985642	1
cg01228243	0.455793	1.23496	1.23496	0.887154	1.04024	1.04024	0.0981971	0.604147	-1.65523	0.715372	0.903256	-1.10711	5.03449	6.15481	1.08669	1
cg22089878	0.662392	0.926614	-1.0792	0.0682608	0.701747	-1.42501	2.58E-05	4.24783	4.24783	0.0373281	1.52083	1.52083	10.9998	5.24343	0.423718	1
cg27414233	0.000283861	0.194855	-5.13202	0.273946	0.730518	-1.36889	0.492322	1.21209	1.21209	0.307165	1.33854	1.33854	9.70274	11.6907	1.07101	1
cg07775417	0.302455	0.463262	-2.15861	0.0426332	0.186141	-5.37228	0.28735	0.451242	-2.21611	0.0223188	0.139129	-7.18759	4.18838	34.4184	7.30453	1
cg13035628	0.0387481	0.768072	-1.30196	0.0570681	1.2679	1.2679	0.0172545	0.726275	-1.37689	0.262824	0.87923	-1.13736	4.35669	0.838688	0.171116	1
cg08426200	0.0148062	0.225949	-4.42578	0.000851102	0.0831873	-12.0211	0.184794	0.497725	-2.00914	0.0162529	0.232721	-4.29698	8.89058	34.6488	3.46422	1
cg15266307	0.608938	0.886754	-1.12771	0.590324	1.13496	1.13496	0.291021	0.774744	-1.29075	0.0277343	0.545503	-1.83317	8.39607	7.21461	0.763809	1
cg11862491	0.0144098	1.55606	1.55606	0.816557	1.03465	1.03465	0.166572	0.805545	-1.2414	0.144966	1.25796	1.25796	5.53086	1.88282	0.302596	1
cg26277456	0.224111	0.828915	-1.2064	0.0028736	1.82664	1.82664	0.00298864	1.81917	1.81917	0.0733313	1.34097	1.34097	4.95128	1.69282	0.303908	1
cg06120528	0.317418	1.14403	1.14403	0.0258149	1.41144	1.41144	0.00302691	1.69739	1.69739	0.642576	0.940962	-1.06274	4.46194	1.19797	0.238654	1
cg25843927	0.00211661	0.41386	-2.41628	0.395626	0.837256	-1.19438	0.926847	0.981425	-1.01893	0.000517318	0.330917	-3.0219	8.4863	5.60311	0.586892	1
cg19655704	0.107044	1.21794	1.21794	0.00136501	1.68334	1.68334	0.899232	0.985903	-1.0143	0.739785	0.963335	-1.03806	4.24045	0.843444	0.176804	1
cg02066184	0.184219	0.836388	-1.19562	0.334357	1.13461	1.13461	0.0183788	0.695675	-1.43745	0.000163371	0.442346	-2.26068	13.922	3.54738	0.226493	1
cg25343204	0.826871	1.05509	1.05509	0.990002	0.996937	-1.00307	0.0339535	0.545502	-1.83317	0.0061296	0.416624	-2.40024	8.59137	8.15474	0.843714	1
cg24426405	0.317986	1.80933	1.80933	0.00560214	0.123746	-8.08107	0.0598338	0.295257	-3.38688	0.251931	0.502807	-1.98884	3.67011	19.1827	4.64598	1
cg06255943	0.0310297	0.605311	-1.65204	0.755257	1.06397	1.06397	0.5741	1.11919	1.11919	0.016179	0.558028	-1.79203	22.2719	13.8691	0.553526	1
cg21041127	0.550173	0.920063	-1.08688	0.0880479	1.29618	1.29618	0.020067	0.679364	-1.47197	0.0122485	0.650483	-1.53732	6.99679	2.10462	0.267376	1
cg11039314	0.89351	1.03117	1.03117	0.806278	1.05792	1.05792	0.644204	1.11245	1.11245	0.242638	0.755637	-1.32339	6.05533	5.03563	0.739203	1
cg19978910	0.0786302	1.45654	1.45654	0.557494	1.12099	1.12099	0.82003	1.04485	1.04485	0.304664	0.814925	-1.22711	5.49016	3.22305	0.52183	1
cg21678478	0.878357	0.965801	-1.03541	0.162446	1.4033	1.4033	0.70295	1.09095	1.09095	0.00393087	0.414126	-2.41472	5.0416	4.12159	0.726681	1
cg03055733	0.45075	1.12925	1.12925	9.43E-05	0.33261	-3.00653	0.968042	1.00636	1.00636	0.0183112	0.635773	-1.57289	16.4624	6.524	0.352263	1
cg10490668	0.00208742	1.40435	1.40435	4.76E-05	1.82348	1.82348	0.351114	0.927519	-1.07815	0.121481	0.876662	-1.14069	12.0656	1.17472	0.0865433	1
cg16903000	0.360298	1.16554	1.16554	0.0924095	1.3521	1.3521	0.952606	1.00973	1.00973	0.880668	1.02477	1.02477	9.63126	4.04666	0.373475	1
cg23625715	0.723672	1.25884	1.25884	0.0627114	3.88867	3.88867	0.250937	0.459386	-2.17682	0.011956	7.64146	7.64146	8.76347	58.3611	5.91964	1
cg10046671	0.0225383	0.538462	-1.85714	0.167891	1.39518	1.39518	0.505461	1.16545	1.16545	0.470378	1.18104	1.18104	7.29458	5.93153	0.722793	1
cg07008945	0.325545	1.41606	1.41606	0.696458	1.14379	1.14379	0.488038	0.785509	-1.27306	0.781894	1.09978	1.09978	7.0958	13.1979	1.6533	1
cg07396477	0.902032	0.976948	-1.0236	0.00169423	0.427689	-2.33815	0.0340782	1.59745	1.59745	0.307971	0.818855	-1.22122	6.60379	3.75122	0.504925	1
cg08480609	0.0912503	0.783446	-1.27641	0.00369618	1.67324	1.67324	0.101899	1.26482	1.26482	0.253308	0.855095	-1.16946	6.41247	1.74847	0.242371	1
cg01150641	0.369141	1.5942	1.5942	0.0372369	3.39626	3.39626	0.229038	0.52822	-1.89315	0.0221184	4.00424	4.00424	6.2939	25.4841	3.59913	1
cg03790440	0.52287	0.886151	-1.12848	0.127005	0.734869	-1.36079	0.895762	0.97583	-1.02477	0.666815	0.922337	-1.0842	6.14697	3.39177	0.49047	1
cg26222311	0.474873	1.48528	1.48528	0.0529935	3.31047	3.31047	0.67947	0.79757	-1.25381	0.0531576	3.30701	3.30701	5.66171	26.5742	4.17215	1
cg00299257	0.155543	0.715692	-1.39725	0.553582	0.876421	-1.141	0.328573	1.24853	1.24853	0.208054	1.33934	1.33934	5.43437	4.17021	0.682112	1
cg12483930	0.447493	1.24594	1.24594	0.097363	0.596479	-1.67651	0.0437302	0.517647	-1.93182	0.0558119	0.540406	-1.85046	5.2881	6.75664	1.13574	1
cg15574137	0.307272	0.753616	-1.32694	0.00368748	0.349779	-2.85895	0.526089	1.18761	1.18761	0.88879	0.963245	-1.03816	4.86599	5.5206	1.00847	1
cg12469361	0.00954464	1.53769	1.53769	0.00187274	1.78273	1.78273	0.7178	1.04872	1.04872	0.853598	0.976078	-1.02451	4.8107	1.30907	0.241882	1
cg02630349	0.0841864	0.644759	-1.55097	0.104145	0.664896	-1.50399	0.263066	1.30738	1.30738	0.0332685	1.77108	1.77108	4.76336	3.9808	0.742857	1
cg14253035	0.825556	0.935544	-1.0689	0.0178418	0.419293	-2.38496	0.908862	1.03517	1.03517	0.061728	0.52988	-1.88722	4.43265	6.39578	1.28256	1
cg24685837	0.0102292	0.69238	-1.44429	0.00312439	1.58233	1.58233	0.454708	0.917163	-1.09032	0.304393	0.886226	-1.12838	4.37583	0.893652	0.181533	1
cg08387293	0.069842	1.68468	1.68468	0.540177	0.85253	-1.17298	0.810013	0.939916	-1.06393	0.29131	0.754484	-1.32541	4.15234	4.35305	0.931853	1
cg11853970	0.0283122	1.32406	1.32406	0.157852	1.17789	1.17789	0.424638	1.09243	1.09243	0.0594557	0.794005	-1.25944	4.01702	0.747884	0.165492	1
cg02288964	0.365248	1.38192	1.38192	0.656577	0.855898	-1.16836	0.0137735	2.88269	2.88269	0.167643	1.66758	1.66758	3.99532	7.65014	1.70202	1
cg04559824	0.135274	1.22277	1.22277	0.00456476	1.60291	1.60291	0.0333899	0.733041	-1.36418	0.259539	0.863355	-1.15827	3.96845	0.980795	0.219687	1
cg03185752	0.648815	0.927308	-1.07839	0.925911	0.984807	-1.01543	0.452629	1.13422	1.13422	0.0868588	0.732527	-1.36514	3.87039	1.66078	0.381421	1
cg22482746	0.923564	0.973184	-1.02755	0.0139265	0.422983	-2.36416	0.90588	1.03407	1.03407	0.0233341	0.464111	-2.15466	3.77663	4.79851	1.1294	1
cg15469001	0.0048664	0.437802	-2.28414	0.0787359	0.64921	-1.54033	0.720134	0.923483	-1.08286	0.372315	0.816555	-1.22466	3.75767	2.91351	0.689199	1
cg20594982	0.397474	1.82008	1.82008	0.00485063	13.2237	13.2237	0.0421132	5.04624	5.04624	0.430355	1.74438	1.74438	3.4932	26.4346	6.72661	1
cg25759916	0.226646	2.03057	2.03057	0.0333346	4.10332	4.10332	0.17979	2.21746	2.21746	0.0621586	3.26979	3.26979	3.7271	17.7233	3.69852	1
cg06810461	0.0859343	0.701227	-1.42607	0.00117532	0.410454	-2.43633	0.163257	1.3209	1.3209	0.150608	0.749656	-1.33395	6.56718	3.63828	0.492452	1
cg06285333	0.0192178	0.180701	-5.534	0.026319	0.203649	-4.9104	0.0516859	0.262484	-3.80975	0.01687	0.171898	-5.81739	3.50954	20.2784	5.13606	1
cg14523948	0.161178	1.17945	1.17945	7.70E-09	0.0712961	-14.026	0.00892438	1.44328	1.44328	0.412322	0.911696	-1.09686	87.689	16.8942	0.171254	1
cg22647018	0.794273	1.17903	1.17903	0.00429385	0.0900995	-11.0988	0.489232	1.55693	1.55693	0.796471	1.1769	1.1769	3.39872	21.3785	5.59125	1
cg14965947	0.765257	0.974204	-1.02648	0.00200113	0.683382	-1.46331	0.277759	0.906185	-1.10353	0.055991	0.827837	-1.20797	6.62835	0.799675	0.10724	1
cg14063347	0.483122	0.852852	-1.17254	0.109901	1.47575	1.47575	0.240255	1.31599	1.31599	0.0858047	0.654419	-1.52807	5.88681	4.64987	0.702114	1
cg20906621	0.277527	0.726772	-1.37595	0.250493	0.712233	-1.40404	0.015392	2.31726	2.31726	0.964233	1.01275	1.01275	7.64716	9.67277	1.12434	1
cg18304969	0.0813625	2.39534	2.39534	?	?	?	0.00577693	0.186112	-5.37311	0.163532	1.95091	1.95091	6.65064	15.8769	2.38727	1
cg13528513	0.0365093	0.252259	-3.96418	0.0038714	0.110259	-9.06955	0.0515328	0.284801	-3.51123	0.0588645	0.298454	-3.3506	4.8324	24.5782	4.52099	1
cg04240493	0.369905	1.22541	1.22541	0.00528034	2.25197	2.25197	0.388009	0.822578	-1.21569	0.423198	0.834787	-1.19791	4.74656	3.66339	0.686043	1
cg05710753	0.570478	0.854306	-1.17054	0.0678215	0.57019	-1.7538	0.00601951	2.67942	2.67942	0.194502	1.4578	1.4578	4.72663	5.64626	1.06183	1
cg27383174	0.00923602	0.422529	-2.3667	0.635881	0.883068	-1.13242	0.0368053	0.53133	-1.88207	0.123539	0.647305	-1.54487	12.606	13.5723	0.95702	1
cg15463966	0.115159	0.730433	-1.36905	0.0230387	1.64619	1.64619	0.473444	1.14306	1.14306	0.0591723	0.676596	-1.47799	6.13007	3.26484	0.473418	1
cg27260617	0.484161	0.765395	-1.30651	0.00443505	0.239842	-4.16941	0.222946	0.61781	-1.61862	0.018217	0.340302	-2.93856	5.12952	11.4881	1.99077	1
cg17403974	0.658449	0.771096	-1.29686	0.000874707	0.0541295	-18.4742	0.00187474	0.0760245	-13.1536	0.0287107	0.221434	-4.51601	6.09005	32.9297	4.80634	1
cg20164720	0.0157699	0.593533	-1.68483	0.000415414	0.372477	-2.68473	0.918401	0.982092	-1.01823	0.0031622	0.491087	-2.0363	12.7789	6.29362	0.437778	1
cg04444949	0.329507	0.827211	-1.20888	0.00125407	0.41142	-2.43061	0.156094	1.33113	1.33113	0.342764	1.20231	1.20231	10.1621	5.71894	0.500241	1
cg08425760	0.150137	0.649287	-1.54015	0.00769119	0.383337	-2.60867	0.482496	0.818869	-1.2212	0.0425284	0.520032	-1.92296	6.16647	7.6546	1.1034	1
cg17350448	0.00698944	1.828	1.828	0.0978599	0.730511	-1.3689	0.800356	0.957129	-1.04479	0.0392351	1.51061	1.51061	3.88868	1.84144	0.420925	1
cg21826784	0.196031	0.633806	-1.57777	0.0155871	0.371898	-2.68891	0.1566	0.603278	-1.65761	0.845676	1.06715	1.06715	3.39597	5.983	1.56604	1
cg18315762	0.00195608	0.49849	-2.00606	0.0140241	0.617377	-1.61976	0.676729	0.935509	-1.06894	0.468145	0.889259	-1.12453	9.72509	3.89354	0.355876	1
cg12301972	0.0658861	0.327021	-3.0579	0.00377934	0.120448	-8.30235	0.198936	0.479394	-2.08597	0.0709363	0.335273	-2.98264	5.41415	25.1565	4.13016	1
cg16967583	0.0715361	0.491495	-2.03461	0.0183693	0.364245	-2.74541	0.0600284	0.472914	-2.11455	0.0251596	0.390655	-2.55981	4.73292	9.33922	1.754	1
cg18657700	0.128371	0.339833	-2.94263	0.0036096	0.0752401	-13.2908	0.0187999	0.154246	-6.48315	0.0313544	0.190475	-5.25005	4.64408	31.7163	6.07059	1
cg04543510	0.477381	0.857527	-1.16614	1.61E-06	0.0765925	-13.0561	0.0048618	0.451855	-2.2131	0.000767567	0.338238	-2.9565	42.0265	30.1296	0.637262	1
cg01021224	0.000533743	0.412069	-2.42678	0.00217659	0.492968	-2.02853	0.125345	0.761217	-1.31369	0.134779	0.767065	-1.30367	30.7856	13.1893	0.380821	1
cg09745307	0.000331748	0.278683	-3.58831	6.70E-05	0.199732	-5.0067	0.00335134	0.414631	-2.41178	0.000127922	0.230095	-4.34604	22.4312	17.28	0.684761	1
cg00516582	0.286979	0.785936	-1.27237	0.0322913	1.72661	1.72661	0.202838	0.746097	-1.34031	0.0151929	0.522211	-1.91494	18.4619	13.8786	0.668217	1
cg16297030	0.681905	0.928586	-1.07691	0.0397412	1.53339	1.53339	0.403961	0.857668	-1.16595	0.783421	1.05078	1.05078	15.1767	7.7696	0.45506	1
cg10196026	0.0180013	0.506441	-1.97456	0.00041829	0.265977	-3.75972	0.00274067	0.375804	-2.66096	0.00326099	0.386937	-2.5844	10.2396	9.0877	0.788897	1
cg03681754	0.0062626	0.433549	-2.30654	0.00689038	0.440109	-2.27216	0.361899	1.24593	1.24593	0.32843	0.789255	-1.26702	5.74567	5.00925	0.77496	1
cg13663303	0.080332	0.567712	-1.76146	0.060062	1.85715	1.85715	0.749057	0.91059	-1.09819	0.463507	1.24329	1.24329	5.18171	6.98964	1.19903	1
cg09414557	0.0104313	0.629079	-1.58963	0.0218702	1.485	1.485	0.584483	1.08261	1.08261	0.712403	0.948172	-1.05466	4.73018	1.54779	0.290858	1
cg13618906	0.00344593	5.50584	5.50584	4.08E-05	0.0346896	-28.8271	0.219469	1.74112	1.74112	0.225887	0.579191	-1.72655	16.2364	47.422	2.5962	1
cg24255896	0.0847143	0.802165	-1.24663	0.219927	0.861455	-1.16083	0.533803	1.07558	1.07558	0.726598	1.04142	1.04142	6.58113	1.23846	0.188184	1
cg15204036	0.91537	1.04899	1.04899	0.0055513	0.194089	-5.15227	0.195206	1.85239	1.85239	0.0846739	2.35858	2.35858	4.51709	14.4847	2.85035	1
cg24727182	0.513732	1.06038	1.06038	0.241223	0.897082	-1.11472	0.985727	0.998418	-1.00158	0.0188468	0.777354	-1.28642	4.04727	0.502377	0.110335	1
cg07890104	0.827866	0.887455	-1.12682	0.0223827	0.223055	-4.4832	0.022636	4.46582	4.46582	0.270507	1.87583	1.87583	3.92895	18.7068	4.23224	1
cg08057869	0.143471	0.5487	-1.82249	0.0497827	0.425551	-2.34989	0.711907	1.15214	1.15214	0.544593	0.791262	-1.2638	3.42076	7.89731	2.05212	1
cg23977063	0.0007143	0.758305	-1.31873	0.000121456	0.697408	-1.43388	0.245419	1.06741	1.06741	0.357599	0.950469	-1.05211	12.6209	0.576292	0.0405884	1
cg03278114	0.566079	1.11007	1.11007	0.0256413	1.61164	1.61164	0.88302	0.973842	-1.02686	0.182961	0.775382	-1.28969	10.8047	5.54608	0.45627	1
cg18042806	0.044383	1.67315	1.67315	0.0271882	1.79096	1.79096	0.10745	0.675954	-1.47939	0.274355	0.776055	-1.28857	5.09775	4.01168	0.699512	1
cg20721320	0.467759	0.838395	-1.19276	0.003317	0.385182	-2.59617	0.197052	0.722271	-1.38452	0.461449	0.836219	-1.19586	3.68376	3.32058	0.801254	1
cg18491039	0.0186878	0.278568	-3.58978	0.0491123	0.365239	-2.73794	0.127938	0.478081	-2.09169	0.0351181	0.332652	-3.00614	3.50326	11.156	2.83064	1
cg23799440	0.000925008	0.334312	-2.99122	0.00012931	0.2292	-4.36301	0.0526497	1.62891	1.62891	0.305354	0.790515	-1.265	16.7972	13.049	0.69054	1
cg01605517	0.219968	0.801502	-1.24766	0.00252407	2.05321	2.05321	0.994549	1.00117	1.00117	0.816038	1.04079	1.04079	6.47717	3.01927	0.414347	1
cg07507951	0.335419	0.754921	-1.32464	0.969657	0.989292	-1.01082	0.525788	0.833636	-1.19956	0.0331823	0.494247	-2.02328	5.01687	6.36493	1.12774	1
cg27050763	0.999171	0.999434	-1.00057	0.00711289	0.150709	-6.63529	0.288888	1.82069	1.82069	0.0468089	0.289736	-3.45142	4.83138	22.6678	4.17048	1
cg23636941	0.0712243	0.54436	-1.83702	0.00996437	0.374484	-2.67034	0.00150609	0.251558	-3.97523	0.19972	1.50512	1.50512	8.92189	12.8703	1.28227	1
cg12002708	0.253847	0.511179	-1.95626	?	?	?	0.0212877	0.210397	-4.75292	0.723479	1.22147	1.22147	5.17317	23.0959	4.46456	1
cg07721779	0.00120025	0.695039	-1.43877	0.467984	0.944958	-1.05825	0.999195	1.00008	1.00008	0.0101007	0.779713	-1.28252	20.2392	1.88404	0.0827457	1
cg04043623	0.00257316	0.223335	-4.47759	8.44E-05	0.0792188	-12.6233	0.000897032	0.168116	-5.94828	0.00145821	0.192264	-5.20117	12.7735	26.026	1.81111	1
cg17172373	0.943192	0.978762	-1.0217	0.486853	0.80831	-1.23715	0.0242081	0.445113	-2.24662	8.74E-05	0.12016	-8.32222	9.31955	13.3932	1.27743	1
cg12955252	0.0121329	1.37546	1.37546	0.911171	1.01144	1.01144	0.0856904	0.823927	-1.2137	0.956963	1.00552	1.00552	6.27191	1.03269	0.146358	1
cg22060087	0.0641362	0.641921	-1.55782	0.0188195	0.545307	-1.83383	0.85778	0.962499	-1.03896	0.173076	0.734238	-1.36196	5.81523	4.18181	0.639212	1
cg22832527	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06298629	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21305245	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
ch.20.661824R	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00574199	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22992591	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19595244	0.984563	1.00247	1.00247	0.0559638	1.31729	1.31729	0.722234	0.955585	-1.04648	0.000191819	0.449509	-2.22465	16.9492	4.34894	0.228077	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08925917	AHCYL1	0.00064754	0.968743	1.00903	1.00903	0.000278664	0.255719	-3.91055	0.091631	0.653123	-1.5311	0.00897705	2.14275	2.14275	0.00842923	0.462273	-2.16322
cg02152578	AHCYL1	0.000677907	0.00273078	0.570094	-1.7541	0.0132586	1.51731	1.51731	0.121627	1.25603	1.25603	0.00970853	0.641211	-1.55955	0.00263181	0.568052	-1.7604
cg03612060	AHCYL1	0.023911	0.0130457	0.537454	-1.86063	0.0119516	0.531364	-1.88195	0.596543	1.11373	1.11373	0.0166206	0.554518	-1.80337	0.0889957	0.685119	-1.4596
cg09513758	AHCYL1	0.0267931	0.00940984	0.474582	-2.10712	0.205976	0.739302	-1.35263	0.00140318	0.35085	-2.85022	0.567517	1.13978	1.13978	0.113122	0.676795	-1.47755
cg24681307	AHCYL1	0.03628	0.130479	0.546983	-1.82821	0.607915	0.825989	-1.21067	0.00185456	0.195522	-5.11452	0.193001	0.601136	-1.66352	0.0182835	0.347115	-2.88089
cg15201110	AHCYL1;AHCYL1	8.91E-05	0.0122179	0.545098	-1.83453	0.00101389	0.387681	-2.57944	0.438127	0.857519	-1.16616	0.971103	0.992984	-1.00707	0.00755071	0.512719	-1.95039
cg15927257	AHCYL2;AHCYL2	0.00159199	0.000438866	0.519819	-1.92375	0.888265	0.983575	-1.0167	0.236213	1.15745	1.15745	0.394841	0.902431	-1.10812	0.266303	0.872452	-1.14619
cg21871803	AHCYL2;AHCYL2	0.00527604	0.0100164	0.512462	-1.95137	0.266252	1.26896	1.26896	0.455054	0.855165	-1.16937	0.320245	0.809616	-1.23515	0.000616851	0.338244	-2.95644
cg03822873	AHCYL2;AHCYL2	0.00692524	0.00828499	0.286971	-3.48467	0.0749843	0.480311	-2.08198	0.034093	0.400693	-2.49568	0.771814	1.11353	1.11353	0.00316053	0.22504	-4.44365
cg13504856	AHCYL2;AHCYL2	0.0145146	0.557514	0.918211	-1.08907	0.00250394	0.546609	-1.82946	0.0141655	0.647004	-1.54558	0.126396	0.788318	-1.26852	0.34861	0.870399	-1.1489
cg06474646	AHCYL2;AHCYL2	0.0194938	0.233116	1.38024	1.38024	0.614763	1.13974	1.13974	0.632425	0.883191	-1.13226	0.332615	1.29385	1.29385	0.593699	0.870405	-1.14889
cg27284840	AHCYL2;AHCYL2	0.020085	0.81946	0.939787	-1.06407	0.0080719	0.397855	-2.51348	0.124165	0.636184	-1.57187	0.247158	1.38917	1.38917	0.0937431	0.606133	-1.6498
cg20915333	AHCYL2;AHCYL2;AHCYL2;AHCYL2	6.64E-05	0.139962	1.15193	1.15193	0.00531743	0.721	-1.38696	0.0365775	0.805439	-1.24156	2.10E-05	2.14593	2.14593	0.00011892	0.549026	-1.82141
cg17539479	AHCYL2;AHCYL2;AHCYL2;AHCYL2	0.0162359	0.828394	1.04362	1.04362	0.0738223	1.47976	1.47976	0.627102	1.10106	1.10106	0.13764	1.36947	1.36947	0.586459	0.897611	-1.11407
cg22584802	AHCYL2;AHCYL2;AHCYL2;AHCYL2	0.0229262	0.00110659	0.196865	-5.07961	0.803763	1.08781	1.08781	0.842535	0.934974	-1.06955	0.0776139	0.515268	-1.94074	0.0188642	0.382304	-2.61572
cg17483792	AHCYL2;AHCYL2;AHCYL2;AHCYL2	0.0345824	0.92599	1.04478	1.04478	0.474502	1.40906	1.40906	0.193067	0.52234	-1.91446	0.0388138	3.08942	3.08942	0.00168878	0.120548	-8.29546
cg07259151	AHCYL2;AHCYL2;AHCYL2;AHCYL2	0.0393004	0.481423	0.79511	-1.25769	0.0295517	0.440026	-2.27259	0.0299185	0.441114	-2.26699	0.98231	0.992921	-1.00713	0.0452826	0.47911	-2.0872
cg00345792	AHDC1	0.000571359	0.971335	0.992342	-1.00772	0.138439	1.40671	1.40671	0.0650373	1.55771	1.55771	4.84E-05	0.194873	-5.13155	0.703097	0.921339	-1.08538
cg04911680	AHDC1	0.00505304	0.358203	0.729521	-1.37076	0.950526	1.02093	1.02093	0.0735662	1.94616	1.94616	0.156516	1.65845	1.65845	0.00457876	0.283655	-3.5254
cg27424995	AHDC1	0.00706067	0.0110774	7.06883	7.06883	0.233675	2.15233	2.15233	0.00360583	11.2363	11.2363	0.0141669	6.41248	6.41248	0.57731	1.41291	1.41291
cg07792636	AHDC1	0.00962667	0.602472	1.10469	1.10469	0.00283042	2.17918	2.17918	0.0191832	1.71068	1.71068	0.309431	0.819313	-1.22054	0.0906328	0.702428	-1.42363
cg17164905	AHDC1	0.0100456	0.0702362	0.531482	-1.88153	0.00694708	2.97683	2.97683	0.124996	0.595307	-1.6798	0.712722	1.12244	1.12244	0.000855547	0.209217	-4.77972
cg16020249	AHDC1	0.0130646	0.107203	1.37306	1.37306	0.776776	1.05259	1.05259	0.885868	0.974437	-1.02623	0.569985	0.901662	-1.10906	0.0253283	0.619168	-1.61507
cg27543538	AHDC1	0.0143706	0.0686035	0.578532	-1.72851	0.00479328	2.73197	2.73197	0.0212065	2.10386	2.10386	0.0916578	0.607375	-1.64643	0.0481741	0.545389	-1.83355
cg15009810	AHDC1	0.0178777	0.421959	0.855022	-1.16956	0.356853	0.834484	-1.19834	0.0320378	0.619031	-1.61543	0.743872	1.0646	1.0646	0.000912775	0.388052	-2.57698
cg26161057	AHDC1	0.0339414	0.562574	1.18339	1.18339	0.282632	1.37867	1.37867	0.935532	1.02354	1.02354	0.369521	1.30353	1.30353	0.00252589	0.299398	-3.34003
cg05920908	AHDC1	0.0344194	0.906161	0.939945	-1.06389	0.513323	1.41645	1.41645	0.0631152	2.9976	2.9976	0.0539993	3.15418	3.15418	0.0820371	0.363525	-2.75084
cg13443661	AHDC1	0.037526	0.688839	0.868456	-1.15147	0.0165272	2.79003	2.79003	0.0776687	1.98795	1.98795	0.968288	0.986167	-1.01403	0.0465329	0.449881	-2.22281
cg12610832	AHDC1	0.0434767	0.640797	1.37884	1.37884	0.0730899	3.92172	3.92172	0.0483721	4.67397	4.67397	0.219592	2.41696	2.41696	0.101046	0.292982	-3.41318
cg04212092	AHDC1	0.0462549	0.638871	0.846683	-1.18108	0.0890843	1.93526	1.93526	0.0817782	1.97216	1.97216	0.894652	1.04776	1.04776	0.01768	0.362041	-2.76212
cg13373315	AHDC1	0.0478279	0.861212	1.0552	1.0552	0.0180827	2.41463	2.41463	0.202678	1.51125	1.51125	0.46392	0.795422	-1.25719	0.00763575	0.348876	-2.86635
cg00178877	AHDC1	0.0482412	0.753334	0.867421	-1.15284	0.00516464	5.29082	5.29082	0.0094285	4.41347	4.41347	0.973181	1.01528	1.01528	0.912599	0.95167	-1.05078
cg11382799	AHDC1;AHDC1	0.0133692	0.0165755	0.599382	-1.66839	0.829865	1.03835	1.03835	0.294686	1.20936	1.20936	0.864201	1.03039	1.03039	0.0136503	0.586504	-1.70502
cg27351449	AHI1;AHI1;AHI1	0.0343173	0.874245	1.03681	1.03681	0.00261393	0.386228	-2.58915	0.480233	0.848928	-1.17796	0.459817	0.842179	-1.1874	0.874492	0.964565	-1.03674
cg14112555	AHI1;AHI1;AHI1;AHI1	0.000321293	0.319169	0.926768	-1.07902	0.000702206	0.682728	-1.46471	0.268839	1.0888	1.0888	0.0995798	0.875166	-1.14264	0.736056	0.975317	-1.02531
cg15797527	AHI1;AHI1;AHI1;AHI1	0.00503241	0.767355	0.948717	-1.05405	0.00116035	0.428853	-2.3318	0.00200026	0.461122	-2.16862	0.324715	1.19778	1.19778	0.0306358	1.56937	1.56937
cg04263024	AHI1;AHI1;AHI1;AHI1	0.0180377	0.0389659	0.35225	-2.83889	0.0264687	0.317047	-3.15411	0.285052	0.615826	-1.62384	0.61451	1.24822	1.24822	0.00129791	0.129307	-7.73354
cg18685455	AHI1;AHI1;AHI1;AHI1	0.0290609	0.0362411	0.276718	-3.61378	0.0111632	0.186728	-5.35539	0.00988505	0.179087	-5.58389	0.322821	0.583433	-1.71399	0.0228712	0.237738	-4.20632
cg07137983	AHI1;AHI1;AHI1;AHI1	0.0338325	0.00433188	0.263524	-3.79472	0.00857921	0.309561	-3.23038	0.105266	0.538468	-1.85712	0.403977	1.34807	1.34807	0.909255	1.04068	1.04068
cg16241884	AHI1;C6orf217;AHI1;AHI1;AHI1	0.0078537	0.00286866	0.459447	-2.17653	0.0462595	0.648599	-1.54178	0.0285372	1.63224	1.63224	0.105243	1.3988	1.3988	0.286483	0.810689	-1.23352
cg18255584	AHNAK	0.000428727	0.0192355	0.611926	-1.63418	3.45E-05	0.249188	-4.01304	0.00241712	0.480637	-2.08057	0.0036925	0.506366	-1.97486	0.000133501	0.317182	-3.15276
cg08160224	AHNAK	0.0113408	0.0924029	1.97548	1.97548	0.000221366	9.5949	9.5949	0.838987	1.07765	1.07765	0.682224	0.85957	-1.16337	0.277054	0.659974	-1.51521
cg14789828	AHNAK	0.0145194	0.00848673	0.153597	-6.51053	0.0632232	0.311933	-3.20581	0.0627315	0.31109	-3.2145	0.0174392	0.199135	-5.02173	0.0022057	0.0913959	-10.9414
cg03274456	AHNAK	0.0218261	0.0181479	7.1548	7.1548	0.00456875	13.3331	13.3331	0.0341899	5.44699	5.44699	0.130458	3.06568	3.06568	0.557652	0.665825	-1.5019
cg04208124	AHNAK	0.0448778	0.0494052	4.18076	4.18076	0.0403099	4.53169	4.53169	0.0599789	3.87152	3.87152	0.157376	2.62355	2.62355	0.925911	0.942395	-1.06113
cg14976660	AHNAK2	0.0016358	0.95198	0.969972	-1.03096	0.0265609	3.78445	3.78445	0.0917404	2.5598	2.5598	0.000661668	14.011	14.011	0.586474	0.757252	-1.32056
cg14046988	AHNAK2	0.00357517	0.0100516	0.496886	-2.01253	0.0742441	1.53452	1.53452	0.214004	0.754531	-1.32533	0.24613	0.770191	-1.29838	0.48983	0.859833	-1.16302
cg19901468	AHNAK2	0.00479828	0.520748	0.831863	-1.20212	0.695583	0.894754	-1.11763	0.416586	0.790736	-1.26464	0.563235	0.847666	-1.17971	0.00149298	0.273887	-3.65114
cg07071690	AHNAK2	0.00527484	0.310692	0.898852	-1.11253	0.0210015	0.754073	-1.32613	0.00465331	0.682061	-1.46614	0.811367	0.975986	-1.0246	0.00980936	1.39361	1.39361
cg23385208	AHNAK2	0.0123289	0.00446696	0.336252	-2.97396	0.0208633	0.449669	-2.22386	0.00453604	0.337274	-2.96495	0.5855	0.853604	-1.1715	0.00139184	0.264092	-3.78656
cg04908382	AHNAK2	0.0177941	0.626954	0.902075	-1.10855	0.155187	0.726098	-1.37723	0.02495	0.570403	-1.75315	0.134615	1.40414	1.40414	0.701968	0.922285	-1.08426
cg01412886	AHNAK2	0.0178536	0.701665	1.10504	1.10504	0.191666	1.43147	1.43147	0.708623	0.907176	-1.10232	0.0271353	1.97141	1.97141	0.639064	0.884629	-1.13042
cg10207355	AHNAK2	0.0233353	0.273507	0.832756	-1.20083	0.077713	0.729875	-1.3701	0.156086	0.783726	-1.27596	0.455065	1.12998	1.12998	0.105696	1.32822	1.32822
cg04725566	AHNAK2	0.0258834	0.861856	1.03629	1.03629	0.278194	1.25958	1.25958	0.386545	1.19921	1.19921	0.508437	1.14717	1.14717	0.0730045	1.5057	1.5057
cg02719508	AHNAK2	0.0458092	0.206674	1.69647	1.69647	0.926804	1.03714	1.03714	0.487893	1.32271	1.32271	0.0176518	3.14408	3.14408	0.461686	0.742764	-1.34632
cg21868779	AHNAK2	0.0497074	0.0120292	0.70796	-1.41251	0.0752201	1.24413	1.24413	0.0849093	1.23378	1.23378	0.246408	1.143	1.143	0.244061	0.874252	-1.14384
cg01910617	AHNAK;AHNAK	3.49E-05	0.715858	1.07502	1.07502	0.000227136	3.36237	3.36237	0.158097	1.34798	1.34798	0.945571	0.986581	-1.0136	0.118672	1.39817	1.39817
cg19902569	AHNAK;AHNAK	0.00114412	0.98466	1.00232	1.00232	0.0872986	1.2555	1.2555	0.062254	1.28785	1.28785	0.541374	0.928191	-1.07736	0.966164	1.00513	1.00513
cg19764555	AHNAK;AHNAK	0.00305951	0.00464277	1.93922	1.93922	0.000758638	2.45419	2.45419	0.017423	1.66389	1.66389	0.0669852	1.43498	1.43498	0.282229	0.821563	-1.21719
cg21038682	AHNAK;AHNAK	0.0133447	0.022938	4.42582	4.42582	0.00144462	12.391	12.391	0.253244	1.91996	1.91996	0.0703387	3.02174	3.02174	0.111507	2.57951	2.57951
cg16672189	AHNAK;AHNAK	0.0172759	0.793565	0.961891	-1.03962	0.557869	1.0893	1.0893	0.0529345	0.721886	-1.38526	0.372565	1.14525	1.14525	0.00882678	0.610218	-1.63876
cg22365167	AHNAK;AHNAK	0.0240995	0.0218833	0.128221	-7.79903	0.300405	0.44873	-2.22851	0.188857	0.35362	-2.82789	0.0293773	0.147182	-6.79429	0.0190335	0.120056	-8.32944
cg26484813	AHNAK;AHNAK	0.0271538	0.0631778	1.50868	1.50868	0.219502	1.28929	1.28929	0.177737	0.754385	-1.32558	0.122358	1.39025	1.39025	0.374219	1.19661	1.19661
cg22134923	AHNAK;AHNAK	0.0312944	0.0355442	3.25444	3.25444	0.0201623	3.86237	3.86237	0.126484	2.21919	2.21919	0.204494	1.90725	1.90725	0.399666	1.51552	1.51552
cg06219806	AHNAK;AHNAK	0.0328726	0.429852	0.864091	-1.15729	0.478897	1.13939	1.13939	0.142626	0.751517	-1.33064	0.082869	0.706012	-1.41641	0.466918	0.87442	-1.14362
cg08491575	AHNAK;AHNAK	0.0368808	0.984352	1.00862	1.00862	0.97227	0.98491	-1.01532	0.307734	0.630131	-1.58697	0.0561008	0.388145	-2.57636	0.00943066	0.237089	-4.21782
cg22625903	AHNAK;AHNAK	0.0422381	0.386008	0.922013	-1.08458	0.0454509	1.23321	1.23321	0.149063	1.15185	1.15185	0.180244	0.878082	-1.13885	0.30097	1.10288	1.10288
cg13282971	AHNAK;AHNAK	0.0472644	0.0288368	0.277236	-3.60703	0.0730564	0.3697	-2.70489	0.0256548	0.267321	-3.74082	0.0589708	0.345959	-2.89051	0.010942	0.204027	-4.90131
cg04935903	AHR	0.000146715	0.212038	0.944085	-1.05923	0.00149269	0.818367	-1.22195	0.038357	0.900294	-1.11075	0.182116	1.06395	1.06395	0.286553	1.04963	1.04963
cg13534901	AHR	0.00321058	0.485252	0.759519	-1.31662	0.00372193	0.218745	-4.57153	0.00101557	0.150978	-6.62337	0.0230597	0.348498	-2.86946	0.255219	0.630811	-1.58526
cg05071212	AHR	0.00948009	0.00218969	0.632973	-1.57985	0.00518143	0.675139	-1.48118	0.749478	0.966471	-1.03469	0.0417746	0.778952	-1.28378	0.857723	0.981079	-1.01929
cg25706683	AHR	0.0277289	0.0760778	1.44856	1.44856	0.329205	1.2081	1.2081	0.00761195	0.525048	-1.90459	0.144121	0.744844	-1.34256	0.189546	0.770369	-1.29808
cg18810542	AHR	0.0338082	0.0415154	0.289751	-3.45124	0.187803	0.479228	-2.08669	0.12023	0.411375	-2.43087	0.493905	0.69342	-1.44213	0.0127669	0.195856	-5.1058
cg16535332	AHR;AHR	0.00771761	0.298081	0.902868	-1.10758	0.00405717	0.69385	-1.44123	0.547549	0.943976	-1.05935	0.867324	1.01596	1.01596	0.674852	0.960821	-1.04078
cg25004427	AHRR	1.04E-08	0.0126094	1.28858	1.28858	0.000782593	1.51468	1.51468	0.000971962	1.49365	1.49365	0.000330826	1.606	1.606	4.86E-06	0.425925	-2.34783
cg14448919	AHRR	3.98E-07	0.0351135	1.28952	1.28952	0.000110654	2.02299	2.02299	0.790798	0.972836	-1.02792	0.208908	0.871789	-1.14707	0.0473096	0.790511	-1.265
cg15179499	AHRR	2.23E-05	0.359898	0.787697	-1.26952	0.175517	1.44081	1.44081	0.876774	1.04012	1.04012	0.842486	0.950811	-1.05173	0.00041747	0.242018	-4.13193
cg09634134	AHRR	3.60E-05	9.29E-05	0.683382	-1.46331	3.82E-05	1.53907	1.53907	0.583053	1.03073	1.03073	0.000457348	1.35162	1.35162	3.32E-05	0.644241	-1.55222
cg16336872	AHRR	4.89E-05	0.23844	0.906848	-1.10272	0.523142	0.950046	-1.05258	0.204522	1.11185	1.11185	0.494422	1.05648	1.05648	0.0224415	1.2418	1.2418
cg03991871	AHRR	0.000499195	0.000524021	0.359183	-2.7841	0.234094	0.789563	-1.26652	0.00076374	0.380662	-2.627	0.937504	0.985256	-1.01496	0.260124	1.24919	1.24919
cg17401179	AHRR	0.000686513	0.0126193	0.407593	-2.45343	0.000547714	0.211444	-4.72939	0.00741734	0.368566	-2.71322	0.0149633	0.420707	-2.37695	7.78E-05	0.12622	-7.92269
cg23067299	AHRR	0.000775548	0.462633	1.27028	1.27028	0.0300281	0.441916	-2.26287	0.0157194	0.387822	-2.57851	0.775624	0.912618	-1.09575	0.00745226	0.332012	-3.01194
cg01097768	AHRR	0.00121863	0.0451985	0.615951	-1.62351	0.0364088	0.598739	-1.67018	0.00284493	0.420505	-2.37809	0.647583	0.907497	-1.10193	0.142971	0.717475	-1.39378
cg09078081	AHRR	0.00142315	2.52E-05	0.362663	-2.75738	0.397774	0.900355	-1.11067	0.0501154	1.311	1.311	0.507979	1.08483	1.08483	0.608396	0.939271	-1.06466
cg17048538	AHRR	0.00148892	0.104594	0.76592	-1.30562	0.353632	1.15427	1.15427	0.0957158	1.31665	1.31665	0.990797	0.998268	-1.00174	4.22E-05	0.309964	-3.22618
cg10841124	AHRR	0.00173712	0.0243422	0.310912	-3.21635	0.808339	1.11159	1.11159	0.303858	0.629026	-1.58976	0.328934	1.55058	1.55058	0.00464678	0.194194	-5.14949
cg01899089	AHRR	0.00185126	0.00140626	0.471239	-2.12207	0.153637	0.779933	-1.28216	0.0371035	0.674499	-1.48258	0.0298746	0.659843	-1.51551	6.34E-05	0.301951	-3.31179
cg26703534	AHRR	0.00196637	0.00334248	0.647371	-1.54471	0.0608657	0.794487	-1.25867	0.000545413	0.55712	-1.79494	0.0178897	0.730985	-1.36802	0.00112563	0.593312	-1.68545
cg16172278	AHRR	0.00221584	0.937315	1.01401	1.01401	0.149561	1.31433	1.31433	0.0132256	1.72157	1.72157	0.0764546	1.41712	1.41712	0.000128536	0.308003	-3.24672
cg14807090	AHRR	0.0023041	0.752485	1.0788	1.0788	0.0810322	0.628906	-1.59006	0.0255673	0.529414	-1.88888	0.0396005	1.76925	1.76925	0.0256142	0.529559	-1.88836
cg08556107	AHRR	0.00249021	0.00477544	0.456293	-2.19157	0.360371	1.21769	1.21769	0.377054	0.82708	-1.20907	0.0149816	0.534473	-1.871	0.00146404	0.38203	-2.6176
cg07137034	AHRR	0.00256348	0.0185968	0.61344	-1.63015	0.778389	0.952831	-1.0495	0.0135554	0.592607	-1.68746	0.00453658	0.523312	-1.91091	0.0307041	0.647451	-1.54452
cg11902777	AHRR	0.00277938	0.00106271	0.106427	-9.39612	0.000572513	0.0846835	-11.8087	0.00467631	0.17535	-5.70288	0.0329172	0.315034	-3.17426	0.00198021	0.132256	-7.56112
cg16896326	AHRR	0.00307647	0.528128	0.935163	-1.06933	0.333645	1.11025	1.11025	0.00115531	1.64993	1.64993	0.0132631	0.72478	-1.37973	0.103078	0.829428	-1.20565
cg03604011	AHRR	0.003151	0.384603	0.518061	-1.93027	0.0659867	0.218338	-4.58006	0.004533	0.0614208	-16.2811	0.634511	0.702358	-1.42378	0.11421	0.281508	-3.55229
cg08606254	AHRR	0.0033616	0.682519	0.885186	-1.12971	0.0015981	0.261092	-3.83007	0.137819	0.622583	-1.60621	0.456473	0.798596	-1.2522	0.047764	0.511082	-1.95663
cg18541609	AHRR	0.00363367	0.0379275	0.55004	-1.81805	0.000754576	3.55675	3.55675	0.829598	1.05499	1.05499	0.01483	0.474972	-2.10539	0.00264687	0.355922	-2.8096
cg23916896	AHRR	0.00372223	0.0459997	0.378107	-2.64476	0.079508	0.437021	-2.28822	0.00122789	0.133901	-7.46818	0.0139247	0.274724	-3.64002	0.961797	1.02058	1.02058
cg22356527	AHRR	0.00395383	0.00172543	0.518587	-1.92832	0.0373526	1.42596	1.42596	0.119926	0.780543	-1.28116	0.480222	1.11114	1.11114	0.00169702	0.517649	-1.93181
cg12202185	AHRR	0.00430727	0.0566893	0.334919	-2.9858	0.00537671	0.155888	-6.41488	0.0263312	0.262922	-3.80341	0.0281174	0.268456	-3.725	0.0123034	0.205783	-4.85948
cg05527650	AHRR	0.00505541	0.0707117	0.753533	-1.32708	0.89395	1.01886	1.01886	0.070661	0.753486	-1.32716	0.149541	0.805318	-1.24175	0.0132786	0.650544	-1.53717
cg14744022	AHRR	0.00605193	0.320753	0.874029	-1.14413	0.00854668	0.643816	-1.55324	0.0328328	0.720617	-1.3877	0.666762	1.0585	1.0585	0.26478	0.858527	-1.16479
cg06802630	AHRR	0.00609769	0.100888	0.423876	-2.35918	0.0605192	0.363844	-2.74843	0.0114574	0.220628	-4.53252	0.0228694	0.272342	-3.67186	0.316915	1.63925	1.63925
cg06678548	AHRR	0.00631287	0.0341224	0.752231	-1.32938	0.000207095	0.489034	-2.04485	0.0134252	0.702916	-1.42264	0.0231707	0.73155	-1.36696	0.0997574	0.812436	-1.23087
cg12961784	AHRR	0.00794636	0.0168141	0.391506	-2.55424	0.00655997	0.321426	-3.11113	0.00662337	0.322093	-3.1047	0.0492557	0.486059	-2.05736	0.683849	0.87669	-1.14065
cg05655106	AHRR	0.00884607	0.570368	0.886425	-1.12813	0.509941	1.15085	1.15085	0.335476	0.811577	-1.23217	0.782249	1.05997	1.05997	0.00025844	0.282553	-3.53916
cg03891523	AHRR	0.00961763	0.0177042	0.55709	-1.79504	0.366454	0.828469	-1.20705	0.0930963	0.687511	-1.45452	0.39435	0.837833	-1.19356	0.00371454	0.4516	-2.21435
cg22698028	AHRR	0.00982663	0.025046	0.656213	-1.5239	0.00688881	0.575316	-1.73818	0.0090012	0.591651	-1.69019	0.56844	0.912927	-1.09538	0.0027565	0.520635	-1.92073
cg00300637	AHRR	0.010984	0.00680566	0.156036	-6.40877	0.85439	0.907257	-1.10222	0.815453	0.883498	-1.13186	0.441701	0.659933	-1.51531	0.00447851	0.134258	-7.44834
cg16049691	AHRR	0.0140449	0.773956	1.09997	1.09997	0.15867	0.60741	-1.64633	0.587684	1.19859	1.19859	0.269195	1.46339	1.46339	0.155411	0.604699	-1.65372
cg26954197	AHRR	0.0142409	0.0175533	2.29264	2.29264	0.24131	1.4221	1.4221	0.380139	0.772239	-1.29494	0.309977	1.35204	1.35204	0.0749759	0.565915	-1.76705
cg22103736	AHRR	0.0150407	0.539928	0.904053	-1.10613	0.0335869	1.49707	1.49707	0.0931634	1.35016	1.35016	0.313146	1.18481	1.18481	0.446449	1.13445	1.13445
cg08858540	AHRR	0.015426	0.0405284	2.3861	2.3861	0.0525968	2.24825	2.24825	0.500198	1.28607	1.28607	0.0558937	2.21725	2.21725	0.010199	0.303943	-3.29009
cg09084391	AHRR	0.015709	0.11159	2.73803	2.73803	0.0232736	4.83653	4.83653	0.333772	1.78506	1.78506	0.194573	2.22017	2.22017	0.0117947	0.160751	-6.2208
cg18615970	AHRR	0.016291	0.327458	1.19744	1.19744	0.515379	0.889076	-1.12476	0.0366816	0.648754	-1.54142	0.473902	1.13863	1.13863	0.0441714	1.51001	1.51001
cg14817490	AHRR	0.0197037	0.0472062	0.689502	-1.45032	0.901487	0.979929	-1.02048	0.00238334	0.499906	-2.00038	0.0346403	0.668124	-1.49673	0.1841	0.793985	-1.25947
cg21972741	AHRR	0.0225602	0.127994	0.72241	-1.38426	0.149914	1.35667	1.35667	0.171287	0.749884	-1.33354	0.464794	0.863284	-1.15837	0.0150182	0.553918	-1.80532
cg26529655	AHRR	0.0231114	0.0736539	0.55544	-1.80037	0.0327354	0.478705	-2.08897	0.126544	0.614256	-1.62799	0.0183895	0.430223	-2.32438	0.00807453	0.36774	-2.71931
cg25648203	AHRR	0.0242031	0.156529	0.71482	-1.39895	0.547236	0.873778	-1.14446	0.0385215	0.588018	-1.70063	0.00444422	0.431383	-2.31812	0.0361566	0.582908	-1.71554
cg16219322	AHRR	0.0338045	0.0086362	0.201121	-4.97214	0.176128	0.502116	-1.99157	0.0814627	0.39652	-2.52194	0.316046	0.608636	-1.64302	0.00455725	0.163699	-6.10877
cg09338136	AHRR	0.0417388	0.0372026	3.84138	3.84138	0.314907	1.7829	1.7829	0.222195	2.04183	2.04183	0.238446	1.98783	1.98783	0.93305	0.954325	-1.04786
cg20310920	AHRR	0.0446778	0.0117409	0.565005	-1.7699	0.0820591	0.705092	-1.41826	0.191122	0.777989	-1.28537	0.317413	0.829076	-1.20616	0.0993912	0.720658	-1.38762
cg22816059	AHRR	0.0486868	0.203545	0.415771	-2.40517	0.999966	1.00003	1.00003	0.406899	1.7416	1.7416	0.0846034	0.287265	-3.4811	0.0159733	0.145274	-6.88353
cg14714797	AHRR	0.0499049	0.0364055	13.9939	13.9939	0.0834517	7.99391	7.99391	0.0834386	7.99476	7.99476	0.157528	5.1535	5.1535	0.56676	1.87417	1.87417
cg21161138	AHRR	0.0499259	0.0106579	0.260241	-3.84259	0.072331	0.43135	-2.31831	0.335607	0.659477	-1.51635	0.423934	0.710058	-1.40834	0.00728637	0.234323	-4.26761
cg12207033	AHRR;LOC100310782	0.00026057	0.00179449	0.457825	-2.18424	0.00488733	0.5189	-1.92715	0.0262592	0.629005	-1.58981	0.929987	0.984664	-1.01558	9.39E-06	0.186065	-5.37446
cg19039843	AHRR;LOC100310782	0.00398672	0.331771	1.15011	1.15011	0.239336	1.1878	1.1878	0.0907521	1.29728	1.29728	0.0324341	1.41871	1.41871	0.000218106	0.422714	-2.36567
cg02385153	AHRR;LOC100310782	0.0060229	0.843456	1.06713	1.06713	0.0160983	2.63214	2.63214	0.24694	0.671768	-1.48861	0.20065	1.55921	1.55921	0.00161744	0.226471	-4.41558
cg01141993	AHRR;LOC100310782	0.0211031	0.950166	1.01634	1.01634	0.0213121	2.04934	2.04934	0.820422	1.06073	1.06073	0.296532	1.32398	1.32398	0.914021	0.972385	-1.0284
cg24064903	AHRR;LOC100310782	0.0410233	0.645601	1.26167	1.26167	0.0178765	4.2412	4.2412	0.196067	1.98622	1.98622	0.110372	2.39493	2.39493	0.367841	0.628567	-1.59092
cg22030839	AHRR;PDCD6	9.46E-06	0.215266	1.09647	1.09647	0.00522004	0.770897	-1.29719	0.741435	1.02365	1.02365	0.0047517	0.767411	-1.30308	4.58E-07	0.36642	-2.72911
cg17310215	AHRR;PDCD6	3.50E-05	0.000232515	0.546552	-1.82965	0.000991102	0.616294	-1.6226	0.000544456	0.58767	-1.70163	0.190482	1.14699	1.14699	1.44E-06	0.297431	-3.36212
cg12845747	AHRR;PDCD6	0.000383214	0.000590342	0.459171	-2.17784	2.55E-05	0.29387	-3.40287	0.0713368	0.74426	-1.34362	0.003642	0.561669	-1.78041	0.0274059	0.682047	-1.46617
cg11148817	AHRR;PDCD6	0.00564761	0.000365612	0.276117	-3.62165	0.17648	1.3825	1.3825	0.854167	1.04235	1.04235	0.0134754	0.501823	-1.99273	0.00575303	0.442276	-2.26103
cg09662430	AHRR;PDCD6	0.00945501	0.620105	1.14878	1.14878	0.000315148	0.197811	-5.05533	0.0370646	0.51068	-1.95817	0.84799	0.948128	-1.05471	0.0311683	0.49561	-2.01771
cg04286878	AHRR;PDCD6	0.0127699	0.0745835	0.597995	-1.67226	0.00217691	3.04408	3.04408	0.496562	1.19566	1.19566	0.168745	1.46169	1.46169	0.382322	1.26102	1.26102
cg09854184	AHRR;PDCD6	0.0139413	0.00934807	0.347333	-2.87908	0.00162564	0.234886	-4.25738	0.477871	0.793347	-1.26048	0.699921	1.13229	1.13229	0.890786	1.04506	1.04506
cg17386114	AHRR;PDCD6	0.0205803	0.315112	0.84699	-1.18065	0.0161987	0.624874	-1.60032	0.686485	0.937188	-1.06702	0.0564934	1.41227	1.41227	0.0857066	0.738117	-1.3548
cg18584368	AHRR;PDCD6	0.0306848	0.654653	0.867198	-1.15314	0.036241	0.454554	-2.19996	0.42292	0.771341	-1.29644	0.810792	1.0788	1.0788	0.0529873	0.491953	-2.03271
cg08802770	AHRR;PDCD6	0.0402594	0.0334686	0.559448	-1.78747	0.328061	1.26617	1.26617	0.25786	0.758806	-1.31786	0.703501	1.09351	1.09351	0.65849	1.10958	1.10958
cg14520941	AHSA1	0.00029988	0.000365468	0.402828	-2.48245	0.000904184	0.453539	-2.20488	0.145935	0.7799	-1.28222	0.000144423	0.352573	-2.8363	5.30E-05	0.300622	-3.32643
cg20045696	AHSA1	0.000943798	0.000457544	0.199103	-5.02252	0.189648	1.50123	1.50123	0.183088	1.51152	1.51152	0.000759447	0.224816	-4.44808	0.0308008	0.476288	-2.09957

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08925917	0.411486	1.2124	1.2124	0.000778463	0.311628	-3.20896	0.0673117	1.60035	1.60035	0.00146563	0.348725	-2.86759	13.2977	11.078	0.740514	1
cg02152578	0.0123595	0.655021	-1.52667	0.000126064	0.403792	-2.47652	0.00757963	0.62716	-1.59449	0.163146	0.816932	-1.22409	13.1283	3.83665	0.25977	1
cg03612060	0.243166	1.27918	1.27918	0.936243	0.984	-1.01626	0.902559	1.025	1.025	0.0903592	1.45679	1.45679	4.42508	2.84862	0.572218	1
cg09513758	0.172562	0.719874	-1.38913	0.986727	1.00377	1.00377	0.964609	0.990004	-1.0101	0.0943854	0.659478	-1.51635	4.25312	3.45286	0.721637	1
cg24681307	0.577638	1.23098	1.23098	0.917199	1.03916	1.03916	0.763718	0.894605	-1.11781	0.0497229	0.437373	-2.28638	3.81707	8.25055	1.92132	1
cg15201110	9.76E-07	0.0816436	-12.2484	0.0536756	0.653224	-1.53087	0.00645678	0.502415	-1.99039	0.0353908	0.621184	-1.60983	22.8328	13.6598	0.53178	1
cg15927257	0.0119054	0.690895	-1.4474	0.000822738	0.55228	-1.81068	0.390795	0.901597	-1.10914	0.00371822	1.58673	1.58673	10.3013	2.26418	0.195373	1
cg21871803	0.27014	0.789689	-1.26632	0.0185403	0.555912	-1.79885	0.358467	1.21431	1.21431	0.00222718	0.414415	-2.41304	7.219	4.83451	0.595282	1
cg03822873	0.283387	1.5101	1.5101	0.0436236	0.42406	-2.35815	0.0116966	3.20594	3.20594	0.0890738	0.499844	-2.00063	6.63729	14.3763	1.92532	1
cg13504856	0.677453	0.941606	-1.06202	0.00924159	1.60839	1.60839	0.247207	0.840262	-1.19011	0.149419	0.800635	-1.24901	5.23728	1.7163	0.291296	1
cg06474646	0.175552	0.689853	-1.44958	0.000784066	0.270118	-3.70209	0.151441	1.48614	1.48614	0.129126	1.52605	1.52605	4.74567	4.99361	0.93533	1
cg27284840	0.00520445	0.367279	-2.72273	0.059826	0.561655	-1.78045	0.0951123	1.64572	1.64572	0.718614	1.10328	1.10328	4.69779	5.49021	1.03883	1
cg20915333	0.378358	0.922654	-1.08383	0.000159338	1.77685	1.77685	0.089378	1.18155	1.18155	0.198171	0.885919	-1.12877	24.6961	3.10283	0.11168	1
cg17539479	0.0042503	0.471212	-2.12219	0.00313649	0.451943	-2.21267	0.607281	1.10733	1.10733	0.270415	0.79798	-1.25316	5.04635	3.09098	0.544461	1
cg22584802	0.0335469	0.431961	-2.31502	0.053996	0.477386	-2.09474	0.62458	0.846426	-1.18144	0.932277	0.971676	-1.02915	4.48983	8.12631	1.60883	1
cg17483792	0.590868	1.29159	1.29159	0.944725	0.967836	-1.03323	0.323649	1.6171	1.6171	0.973982	0.984741	-1.0155	3.88395	13.6748	3.12963	1
cg07259151	0.0518081	0.492115	-2.03205	0.00829597	0.339159	-2.94847	0.301245	0.709513	-1.40942	0.012154	0.367369	-2.72206	3.70712	6.02713	1.44518	1
cg00345792	0.569395	1.13091	1.13091	0.000123378	0.238666	-4.18996	0.773811	0.940214	-1.06359	0.705029	1.08476	1.08476	13.7703	9.98221	0.644363	1
cg04911680	0.861196	0.943257	-1.06016	0.581932	1.20394	1.20394	0.000282938	7.24385	7.24385	0.409313	1.32534	1.32534	7.31499	12.9074	1.56845	1
cg27424995	0.238174	0.468355	-2.13513	0.163102	2.49417	2.49417	0.0048847	0.101236	-9.87787	0.453413	1.59822	1.59822	6.59734	39.3821	5.30613	1
cg07792636	0.00421195	0.483789	-2.06702	0.562252	1.11741	1.11741	0.332774	1.2084	1.2084	0.783465	1.05358	1.05358	5.98288	3.4014	0.505353	1
cg17164905	0.186953	0.646042	-1.54789	0.467987	0.794022	-1.25941	0.518961	1.22655	1.22655	0.88774	0.956843	-1.0451	5.90202	9.11857	1.37333	1
cg16020249	0.221163	0.793035	-1.26098	0.00365849	2.03126	2.03126	0.00860953	1.82958	1.82958	0.0504086	1.49494	1.49494	5.42136	2.7914	0.457679	1
cg27543538	0.762287	0.921782	-1.08485	0.567357	1.1679	1.1679	0.0459446	0.541098	-1.84809	0.829779	1.0595	1.0595	5.25451	5.99829	1.01471	1
cg15009810	0.444076	1.16065	1.16065	0.0318467	0.61859	-1.61658	0.484829	1.14516	1.14516	0.0408197	0.637107	-1.56959	4.88632	2.82143	0.513257	1
cg26161057	0.977959	0.992085	-1.00798	0.626977	1.15127	1.15127	0.0418535	1.96332	1.96332	0.0725673	0.562008	-1.77933	3.91027	5.12351	1.16468	1
cg05920908	0.492506	1.44207	1.44207	0.546155	1.3782	1.3782	0.00181364	10.2661	10.2661	0.375652	1.61206	1.61206	3.89059	16.9955	3.88298	1
cg13443661	0.739871	0.889806	-1.12384	0.0121338	0.334373	-2.99067	0.36286	1.38775	1.38775	0.701703	1.14436	1.14436	3.77039	7.33126	1.72838	1
cg12610832	0.754352	1.23935	1.23935	0.0134656	8.0971	8.0971	0.0106308	8.98914	8.98914	0.715967	1.28378	1.28378	3.57116	26.433	6.57937	1
cg04212092	0.434174	1.32443	1.32443	0.0214426	0.377941	-2.64592	0.164194	1.68649	1.68649	0.598324	0.829288	-1.20585	3.48934	6.85161	1.74541	1
cg13373315	0.210312	1.49977	1.49977	0.161509	1.58257	1.58257	0.733765	1.11051	1.11051	0.410098	1.29517	1.29517	3.44564	5.14442	1.32713	1
cg00178877	0.150581	2.00399	2.00399	0.0412742	2.89255	2.89255	0.967067	0.981545	-1.0188	0.7157	1.17943	1.17943	3.43445	11.0724	2.86569	1
cg11382799	0.0103518	1.75923	1.75923	0.707707	1.0681	1.0681	0.0306915	0.64146	-1.55894	0.0520887	1.47179	1.47179	5.38065	2.60697	0.430673	1
cg27351449	0.288095	0.777466	-1.28623	0.0126629	2.02849	2.02849	0.248553	0.759353	-1.31691	0.827999	1.05092	1.05092	3.89476	3.21318	0.733332	1
cg14112555	0.0279584	1.21147	1.21147	2.15E-05	1.88074	1.88074	0.0447849	0.843527	-1.1855	0.0456113	0.844234	-1.18451	16.144	1.39534	0.0768273	1
cg15797527	0.0744131	1.42295	1.42295	0.945804	1.01214	1.01214	0.090299	0.718038	-1.39268	0.22629	0.798153	-1.25289	7.32413	3.65272	0.443311	1
cg04263024	0.0867065	0.437772	-2.2843	0.0262186	0.316225	-3.16231	0.503096	1.3454	1.3454	0.0521433	0.381203	-2.62328	4.8717	14.7068	2.6834	1
cg18685455	0.0500319	0.30757	-3.25129	0.0183422	0.220886	-4.52723	0.710256	1.21762	1.21762	0.0890059	0.371715	-2.69023	4.13316	18.2228	3.91905	1
cg07137983	0.933578	1.02958	1.02958	0.361379	0.720252	-1.3884	0.344258	1.40598	1.40598	0.0872773	0.516689	-1.9354	3.9148	7.58437	1.7221	1
cg16241884	0.0111886	0.547291	-1.82718	0.273309	0.805602	-1.24131	0.0201656	0.587834	-1.70116	0.334381	1.20777	1.20777	6.38108	3.63331	0.506123	1
cg18255584	0.0345185	0.652104	-1.5335	0.956538	1.0095	1.0095	0.0306397	0.643756	-1.55338	0.00180094	0.463045	-2.15962	14.912	7.10328	0.423418	1
cg08160224	0.191632	1.6622	1.6622	0.059986	2.18148	2.18148	0.347175	1.42736	1.42736	0.982101	1.00828	1.00828	5.67637	12.1474	1.90222	1
cg14789828	0.0625039	0.310698	-3.21856	0.00830683	0.152391	-6.56205	0.0638129	0.31294	-3.1955	0.0200931	0.209354	-4.77661	5.23671	25.7863	4.37702	1
cg03274456	0.202262	2.51795	2.51795	0.0104028	9.14321	9.14321	0.166736	2.74893	2.74893	0.0135283	8.13697	8.13697	4.56635	34.0245	6.62324	1
cg04208124	0.13778	2.77174	2.77174	0.00391679	11.9035	11.9035	0.127011	2.8657	2.8657	0.0268672	5.32501	5.32501	3.52912	22.7441	5.72862	1
cg14976660	0.222236	1.91443	1.91443	0.0131937	0.211088	-4.73736	0.000200903	23.5441	23.5441	0.956126	0.972532	-1.02824	10.2209	41.4878	3.6081	1
cg14046988	0.227348	0.761224	-1.31367	0.00244186	2.47902	2.47902	0.610492	0.895306	-1.11694	0.000687798	0.32765	-3.05204	8.12197	5.96144	0.652435	1
cg19901468	0.0870253	0.586008	-1.70646	0.000149399	0.158457	-6.31088	0.529833	0.835281	-1.1972	0.45348	1.24104	1.24104	7.43132	9.41256	1.12587	1
cg07071690	0.103119	1.19872	1.19872	0.0181913	0.74714	-1.33844	0.25691	1.12783	1.12783	0.00736715	0.70392	-1.42062	7.2195	1.18173	0.145499	1
cg23385208	0.168594	0.655958	-1.52449	0.443436	0.798841	-1.25181	0.223461	0.692367	-1.44432	0.862857	0.95152	-1.05095	5.52476	7.2288	1.16306	1
cg04908382	0.497034	1.15614	1.15614	0.00257401	0.415042	-2.40939	0.0397334	1.64925	1.64925	0.0887152	0.673616	-1.48453	4.89401	3.43169	0.623291	1
cg01412886	0.0437701	1.82478	1.82478	0.0293938	1.946	1.946	0.000692026	3.83348	3.83348	0.328255	1.29936	1.29936	4.88853	5.214	0.948068	1
cg10207355	0.0355869	1.48125	1.48125	0.00550645	1.79685	1.79685	0.092662	0.742917	-1.34605	0.626957	0.924355	-1.08184	4.46252	1.82296	0.363115	1
cg04725566	0.887747	1.02933	1.02933	0.00523155	0.47051	-2.12535	0.00697125	0.489513	-2.04285	0.330907	0.814382	-1.22793	4.30483	2.85586	0.589696	1
cg02719508	0.184402	1.74847	1.74847	0.792713	0.900757	-1.11018	0.00206931	5.59195	5.59195	0.31706	1.50752	1.50752	3.50205	8.73549	2.21724	1
cg21868779	0.831532	1.02377	1.02377	0.0528204	0.784511	-1.27468	0.436617	1.09145	1.09145	0.931038	1.00959	1.00959	3.3957	0.653892	0.171169	1
cg01910617	0.134582	1.37607	1.37607	8.26E-07	0.0737934	-13.5513	0.292961	1.24095	1.24095	0.111133	0.709339	-1.40976	29.2784	18.1562	0.551222	1
cg19902569	0.101548	1.24118	1.24118	0.0184524	0.708569	-1.4113	2.11E-05	2.80958	2.80958	0.591847	1.06741	1.06741	11.3248	2.60554	0.204511	1
cg19764555	0.165655	1.29701	1.29701	0.025992	0.628271	-1.59167	0.0300017	1.56675	1.56675	0.0070398	1.84552	1.84552	8.50836	4.16886	0.435531	1
cg21038682	0.00824197	6.34247	6.34247	0.00592782	7.15291	7.15291	0.14231	2.36852	2.36852	0.0185508	4.76223	4.76223	5.38388	25.4823	4.20717	1
cg16672189	0.352753	1.15219	1.15219	0.00594919	1.7038	1.7038	0.0329975	0.691145	-1.44688	0.493718	1.10846	1.10846	4.94278	1.71828	0.309008	1
cg22365167	0.142599	0.30824	-3.24423	0.00151556	0.0329996	-30.3034	0.0468545	0.182836	-5.46938	0.0538707	0.195057	-5.12671	4.41307	38.9752	7.85045	1
cg26484813	0.00255049	2.27899	2.27899	0.0981782	1.42899	1.42899	0.118509	0.716416	-1.39584	0.110447	1.4082	1.4082	4.23322	2.59638	0.545188	1
cg22134923	0.0241937	3.65437	3.65437	0.00168044	8.71969	8.71969	0.107255	2.33441	2.33441	0.159067	2.0663	2.0663	4.02583	14.8261	3.27355	1
cg06219806	0.288867	1.22089	1.22089	0.00201589	2.20278	2.20278	0.306085	1.21178	1.21178	0.337405	0.835873	-1.19635	3.95554	2.05855	0.462598	1
cg08491575	0.022341	0.301966	-3.31164	0.00875983	0.232117	-4.30817	0.0295763	0.326112	-3.06643	0.12377	0.482316	-2.07333	3.79432	11.4978	2.69358	1
cg22625903	0.587653	1.05129	1.05129	0.0330976	0.79641	-1.25563	0.622128	0.955627	-1.04643	0.0124005	1.32894	1.32894	3.60975	0.477253	0.117522	1
cg13282971	0.138833	0.452481	-2.21004	0.0902904	0.394916	-2.53218	0.0526556	0.334053	-2.99354	0.0229595	0.258207	-3.87286	3.46109	13.5796	3.48757	1
cg04935903	0.124457	0.92978	-1.07552	0.00101199	0.807784	-1.23796	4.28E-05	0.711511	-1.40546	1.53E-05	0.675819	-1.47969	19.9758	0.606094	0.0269702	1
cg13534901	0.0243987	0.353325	-2.83025	0.0016968	0.175667	-5.69259	0.000844674	0.14274	-7.00575	0.0220945	0.34488	-2.89956	8.3872	19.9855	2.1181	1
cg05071212	0.352935	0.903257	-1.10711	0.0037073	0.658758	-1.51801	0.216439	1.14851	1.14851	0.038579	0.774862	-1.29055	6.01221	1.07901	0.159529	1
cg25706683	0.695086	0.928716	-1.07676	0.292571	0.814652	-1.22752	0.030238	1.61336	1.61336	0.0695602	0.683135	-1.46384	4.20215	2.3456	0.496169	1
cg18810542	0.0502417	0.308418	-3.24235	0.00209539	0.102184	-9.78623	0.954576	1.03047	1.03047	0.685238	0.806744	-1.23955	3.91582	17.2241	3.90986	1
cg16535332	0.151781	0.86462	-1.15658	0.00024112	0.562454	-1.77792	0.0204122	0.767421	-1.30306	0.111449	0.848541	-1.17849	6.4162	0.911894	0.126332	1
cg25004427	0.0194514	0.793807	-1.25975	1.90E-10	0.0441276	-22.6615	4.35E-06	2.37764	2.37764	0.00023939	0.608307	-1.64391	233.026	24.6595	0.0940648	1
cg14448919	0.00475604	1.4745	1.4745	7.05E-09	0.0814151	-12.2827	0.703974	1.04034	1.04034	1.83E-05	0.404411	-2.47273	92.7388	15.7597	0.151055	1
cg15179499	0.277265	0.750911	-1.33171	5.16E-07	0.0287364	-34.7991	0.909139	1.02937	1.02937	3.76E-05	0.134352	-7.44311	32.9287	33.5193	0.904833	1
cg09634134	0.969753	0.997932	-1.00207	0.28925	1.06189	1.06189	0.017254	1.1716	1.1716	0.0317378	1.14734	1.14734	29.0404	1.37075	0.0419568	1
cg16336872	0.143886	1.1324	1.1324	5.54E-07	0.333394	-2.99946	0.629508	1.03924	1.03924	0.423844	1.06682	1.06682	26.7844	2.66019	0.0882833	1
cg03991871	0.484852	0.874193	-1.14391	4.36E-05	0.230197	-4.3441	0.0543348	1.51223	1.51223	0.033327	0.624301	-1.60179	14.2969	8.12422	0.505111	1
cg17401179	0.0129684	0.409673	-2.44097	0.00171116	0.273686	-3.65382	0.00135974	0.260356	-3.84089	0.00120207	0.253372	-3.94676	13.082	17.3526	1.17906	1
cg23067299	0.45811	1.27348	1.27348	2.25E-05	0.0659747	-15.1573	0.0309305	2.24953	2.24953	0.792702	0.919178	-1.08793	12.642	20.4991	1.44134	1
cg01097768	0.00622744	0.471406	-2.12131	0.00049745	0.316907	-3.1555	0.00111356	2.75355	2.75355	0.0477311	0.620364	-1.61196	11.1228	7.83512	0.626153	1
cg09078081	0.235411	1.16272	1.16272	0.287358	0.874654	-1.14331	0.265971	1.15088	1.15088	0.092134	0.798707	-1.25202	10.6393	2.4766	0.206914	1
cg17048538	0.855214	1.02784	1.02784	0.0173814	1.54557	1.54557	0.108884	0.768856	-1.30063	0.0998902	0.76258	-1.31134	10.502	3.7588	0.318146	1
cg10841124	0.0850018	2.29123	2.29123	0.00016665	0.0613375	-16.3032	0.0271182	3.12295	3.12295	0.0195825	0.292901	-3.41412	10.0448	30.1483	2.66791	1
cg01899089	0.322267	1.18099	1.18099	0.888308	1.02313	1.02313	0.838684	0.96738	-1.03372	0.0395147	0.678808	-1.47317	9.86109	4.13401	0.372644	1
cg26703534	0.599431	0.943928	-1.0594	0.0168324	1.3738	1.3738	0.122815	0.833566	-1.19966	0.0393074	0.771336	-1.29645	9.68964	1.81937	0.166901	1
cg16172278	0.0739487	1.42235	1.42235	0.0315013	1.56234	1.56234	0.607557	1.09596	1.09596	0.256229	0.810877	-1.23323	9.35762	4.63751	0.440521	1
cg14807090	0.426666	1.21481	1.21481	0.00010338	0.1927	-5.1894	0.100209	1.53999	1.53999	0.298134	0.77216	-1.29507	9.25117	8.42119	0.809142	1
cg08556107	0.980721	0.994952	-1.00507	0.218169	0.762381	-1.31168	0.00155746	2.59225	2.59225	0.116634	1.42915	1.42915	9.04247	6.28282	0.617611	1
cg07137034	0.399165	0.862584	-1.15931	0.000350298	0.373777	-2.67539	0.000392409	0.380064	-2.63114	0.402159	0.863431	-1.15817	8.96559	4.16472	0.412909	1
cg11902777	0.0954463	0.428254	-2.33506	0.00774493	0.205254	-4.872	0.0538512	0.362968	-2.75507	0.0101608	0.222942	-4.48548	8.75409	29.7178	3.01754	1
cg16896326	0.0843872	0.818551	-1.22167	0.00189247	0.630165	-1.58689	0.0170106	0.73698	-1.35689	0.602656	1.05663	1.05663	8.49438	1.47978	0.15485	1
cg03604011	0.00110901	0.0288521	-34.6596	0.000310371	0.0133433	-74.9442	0.0728851	0.22855	-4.3754	0.00275389	0.0474747	-21.0639	8.43412	72.7026	7.66228	1
cg08606254	0.757541	1.09618	1.09618	0.000144255	0.143466	-6.97032	0.13547	1.61149	1.61149	0.794168	0.925393	-1.08062	8.27299	11.5224	1.23802	1
cg18541609	0.705754	1.09879	1.09879	0.182846	0.703927	-1.4206	0.783828	1.07069	1.07069	0.0813729	0.618895	-1.61578	8.08255	7.89679	0.86846	1
cg23916896	0.0387816	0.361434	-2.76675	0.000286571	0.0806002	-12.4069	0.564051	1.28148	1.28148	0.0254383	0.323172	-3.09433	8.02436	22.987	2.54636	1
cg22356527	0.129142	0.785987	-1.27228	0.00439637	0.572077	-1.74802	0.0774738	0.749598	-1.33405	0.417631	1.12935	1.12935	7.88001	2.69165	0.303627	1
cg12202185	0.0449095	0.311231	-3.21305	0.000555355	0.0660812	-15.1329	0.812695	1.12792	1.12792	0.00150058	0.0982436	-10.1788	7.67891	31.2744	3.62024	1
cg05527650	0.0168273	1.50488	1.50488	0.0021614	0.547001	-1.82815	0.0509146	1.36561	1.36561	0.0107551	0.638236	-1.56682	7.31394	2.27431	0.276404	1
cg14744022	0.45266	1.10562	1.10562	0.000619028	1.99664	1.99664	0.142094	0.812908	-1.23015	0.107564	0.794142	-1.25922	6.92072	1.88796	0.242488	1
cg06802630	0.120306	0.447104	-2.23662	0.00182273	8.30224	8.30224	0.0844961	0.401889	-2.48825	0.143475	2.11904	2.11904	6.90463	24.9543	3.21257	1
cg06678548	0.868797	0.981143	-1.01922	0.824849	1.02585	1.02585	0.474011	1.08746	1.08746	0.0982111	0.811514	-1.23226	6.83095	1.43454	0.186672	1
cg12961784	0.0533925	0.493946	-2.02451	0.0265564	2.32813	2.32813	0.0115178	0.362105	-2.76163	0.60409	1.18311	1.18311	6.35759	10.4035	1.45457	1
cg05655106	0.042701	0.612371	-1.633	0.149403	1.38395	1.38395	0.237943	1.29674	1.29674	0.119137	0.700809	-1.42692	6.14591	4.30094	0.622049	1
cg03891523	0.680902	1.08748	1.08748	0.000627132	0.34425	-2.90486	0.751205	1.06664	1.06664	0.0401424	0.618192	-1.61762	5.98467	3.89871	0.579065	1
cg22698028	0.109568	0.759046	-1.31744	0.00571412	0.564004	-1.77304	0.00916258	0.592743	-1.68707	0.0368372	0.681673	-1.46698	5.94375	2.35096	0.351586	1
cg00300637	0.108335	0.395322	-2.52958	0.00080073	0.0684642	-14.6062	0.0934412	0.376242	-2.65787	0.0472119	0.30029	-3.33011	5.73521	25.4955	3.9515	1
cg16049691	0.902085	1.04157	1.04157	0.000242166	0.134156	-7.45404	0.793578	0.916886	-1.09065	0.417308	0.760121	-1.31558	5.29431	9.18069	1.54139	1
cg26954197	0.499676	1.21739	1.21739	0.0406997	1.97064	1.97064	0.000916475	4.14703	4.14703	0.453071	1.24538	1.24538	5.27022	6.87962	1.16033	1
cg22103736	0.672757	1.0715	1.0715	0.000655784	0.42793	-2.33683	0.646445	1.07797	1.07797	0.631673	1.08167	1.08167	5.17606	2.16608	0.371983	1
cg08858540	0.0340936	2.48233	2.48233	0.196484	0.605262	-1.65218	0.0148614	3.00874	3.00874	0.762557	1.11784	1.11784	5.13289	10.9879	1.90283	1
cg09084391	0.207797	2.16406	2.16406	0.105808	0.358136	-2.79223	0.00518944	8.53627	8.53627	0.585061	1.37778	1.37778	5.10202	27.2984	4.75601	1
cg18615970	0.0197238	1.65199	1.65199	0.00145763	2.26936	2.26936	0.249507	1.23928	1.23928	0.497713	1.13056	1.13056	5.04066	2.53655	0.447304	1
cg14817490	0.633016	0.92426	-1.08195	0.313608	1.18606	1.18606	0.133224	1.3037	1.3037	0.0208894	0.634358	-1.5764	4.72846	2.0075	0.377384	1
cg21972741	0.00946203	0.522149	-1.91516	0.0222026	1.71899	1.71899	0.50319	1.14369	1.14369	0.343293	0.824545	-1.21279	4.51478	2.79216	0.549734	1
cg26529655	0.0211832	0.441718	-2.26389	0.00324308	0.306103	-3.26688	0.176898	0.654922	-1.5269	0.0734537	0.555162	-1.80128	4.47739	6.16534	1.22399	1
cg25648203	0.910875	1.02511	1.02511	0.298801	1.26942	1.26942	0.272199	1.28811	1.28811	0.0123993	0.50183	-1.99271	4.40652	3.42466	0.690827	1
cg16219322	0.091537	0.410655	-2.43513	0.411435	1.49526	1.49526	0.0442523	0.330576	-3.02502	0.0900008	0.408569	-2.44757	3.91597	14.2301	3.23009	1
cg09338136	0.627223	1.31299	1.31299	0.00338548	9.18103	9.18103	0.00949875	6.22324	6.22324	0.0645855	3.17445	3.17445	3.6257	17.7785	4.35864	1
cg20310920	0.208655	1.27175	1.27175	0.0276033	1.6039	1.6039	0.829964	1.03978	1.03978	0.82378	0.960356	-1.04128	3.53502	1.8417	0.4631	1
cg22816059	0.0847066	0.287409	-3.47936	0.00638318	0.0981764	-10.1857	0.818743	0.860619	-1.16195	0.0595809	0.248985	-4.0163	3.42252	23.1793	6.02008	1
cg14714797	0.23948	3.80504	3.80504	0.00564165	51.4625	51.4625	0.0141634	26.6791	26.6791	0.0491315	11.4337	11.4337	3.39058	63.2014	16.5691	1
cg21161138	0.121495	0.494659	-2.02159	0.0977505	0.466873	-2.14191	0.0406733	0.371254	-2.69357	0.0408785	0.371742	-2.69004	3.39004	9.43848	2.47483	1
cg12207033	0.000150668	0.318437	-3.14033	0.0345012	0.648145	-1.54286	0.0332079	0.645438	-1.54934	0.00461813	0.51537	-1.94035	17.0958	8.37506	0.435457	1
cg19039843	0.0364436	1.4044	1.4044	0.165983	1.22915	1.22915	0.0858335	1.30363	1.30363	0.991322	0.998482	-1.00152	7.86036	2.42851	0.274627	1
cg02385153	0.155548	1.64769	1.64769	0.0131999	0.364374	-2.74443	0.0227406	2.4496	2.4496	0.29054	0.697361	-1.43398	6.931	11.8539	1.52024	1
cg01141993	0.274767	1.34264	1.34264	0.00240047	0.333982	-2.99418	0.0321778	1.91664	1.91664	0.31124	0.762123	-1.31212	4.6193	4.91856	0.946476	1
cg24064903	0.853092	1.09751	1.09751	0.00777237	0.179845	-5.56033	0.656336	1.25208	1.25208	0.21413	0.518646	-1.9281	3.64897	14.5611	3.54707	1
cg22030839	0.353883	0.934871	-1.06967	3.23E-05	1.76965	1.76965	0.184916	0.905492	-1.10437	0.000256674	0.653796	-1.52953	41.158	3.24959	0.0701814	1
cg17310215	0.00718998	0.709481	-1.40948	0.0404146	1.26385	1.26385	0.0827372	1.20933	1.20933	0.1274	0.849535	-1.17711	29.2493	4.53287	0.137754	1
cg12845747	0.000318867	0.42544	-2.35051	0.543978	1.09425	1.09425	0.023513	0.672506	-1.48698	0.003463	0.558771	-1.78964	15.3808	5.23889	0.302766	1
cg11148817	0.12139	0.684861	-1.46015	0.715228	0.920725	-1.0861	0.680936	0.911016	-1.09768	0.0206853	0.533657	-1.87386	7.06979	5.689	0.715282	1
cg09662430	0.0943264	0.600197	-1.66612	0.105011	0.611583	-1.6351	0.437811	0.802772	-1.24568	0.176854	1.48954	1.48954	6.01729	7.34254	1.08466	1
cg04286878	0.32379	0.768131	-1.30186	0.00459501	0.376614	-2.65524	0.650494	0.888634	-1.12532	0.630497	1.13367	1.13367	5.46189	5.79647	0.94334	1
cg09854184	0.178893	0.63248	-1.58108	0.146837	1.64792	1.64792	0.511026	0.807459	-1.23845	0.0082128	0.337967	-2.95887	5.30721	8.65071	1.44888	1
cg17386114	0.12624	1.30275	1.30275	0.00481089	1.81862	1.81862	0.37917	1.15516	1.15516	0.785648	1.04455	1.04455	4.659	1.88596	0.359821	1
cg18584368	0.0233598	0.414251	-2.41399	0.497804	1.24372	1.24372	0.0506559	2.05176	2.05176	0.00796534	0.326406	-3.06366	4.4614	6.91413	1.20538	1
cg08802770	0.00521792	0.422506	-2.36683	0.0313758	0.554209	-1.80437	0.225358	1.3467	1.3467	0.99231	0.99775	-1.00226	3.67437	3.18008	0.769312	1
cg14520941	0.148924	1.27954	1.27954	0.00624052	0.566867	-1.76408	0.280697	0.836473	-1.1955	0.039435	0.684271	-1.46141	16.4519	6.60767	0.357009	1
cg20045696	0.000698967	0.220477	-4.53561	0.970746	0.989333	-1.01078	0.300043	1.36898	1.36898	0.00397248	0.322189	-3.10377	11.9609	16.2008	1.20398	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15452479	AHSA1;C14orf133	0.00967317	0.000477225	0.435575	-2.29581	0.18718	0.80906	-1.236	0.0200324	0.653554	-1.5301	0.500831	1.10911	1.10911	0.676925	0.938467	-1.06557
cg25420182	AHSA2	0.000969144	0.062832	0.783587	-1.27618	0.00400171	0.637213	-1.56933	0.137134	1.20509	1.20509	0.121672	0.82243	-1.21591	8.69E-05	0.440305	-2.27115
cg03313140	AHSA2	0.00245846	0.0946007	0.63938	-1.56402	0.00239792	0.357089	-2.80042	0.00774911	0.434957	-2.29908	0.333834	1.27462	1.27462	0.000520654	0.26789	-3.73287
cg02578929	AHSA2	0.0220841	0.028875	0.479065	-2.0874	0.0297164	0.481527	-2.07673	0.581682	0.853063	-1.17225	0.123073	0.620562	-1.61144	0.648914	1.13987	1.13987
cg07209960	AHSA2	0.0249737	0.0490069	1.41519	1.41519	0.00952436	0.60205	-1.66099	0.863658	1.02691	1.02691	0.472655	1.11948	1.11948	0.835667	1.03261	1.03261
cg11613383	AHSA2	0.0411788	0.00621723	0.111667	-8.95521	0.381625	0.576092	-1.73583	0.0801793	0.303317	-3.29688	0.526745	1.48316	1.48316	0.0608216	0.272848	-3.66505
cg10149091	AHSA2;AHSA2	0.0114764	0.752995	1.0845	1.0845	0.0411785	1.85674	1.85674	0.0097247	2.39274	2.39274	0.074954	0.595703	-1.67869	0.0298962	0.50999	-1.96082
cg03872623	AHSG	0.00020082	7.43E-05	0.321227	-3.11306	0.886336	0.977686	-1.02282	1.72E-05	0.248877	-4.01804	0.571246	0.913676	-1.09448	0.000284893	0.392568	-2.54733
cg22092114	AHSG	0.00162869	0.711061	1.05643	1.05643	0.154458	1.25216	1.25216	0.00016406	0.387463	-2.58089	0.479578	0.899397	-1.11186	0.278043	0.846697	-1.18106
cg07361385	AHSG	0.014656	0.74153	0.938936	-1.06503	0.0272711	1.64428	1.64428	0.0982464	0.708061	-1.41231	0.268424	1.24537	1.24537	0.00212033	0.439422	-2.27571
cg21510841	AHSG;AHSG	0.0107244	0.305391	0.855855	-1.16842	0.882502	1.02193	1.02193	0.000448561	0.444033	-2.25208	0.543695	0.9138	-1.09433	0.74778	1.04846	1.04846
cg14387505	AHSP	3.39E-05	0.326965	0.823276	-1.21466	4.56E-05	0.227354	-4.39842	0.00110691	0.397003	-2.51887	0.722684	0.933819	-1.07087	0.0159653	0.567248	-1.7629
cg00148355	AHSP	0.000936796	0.00480592	0.252817	-3.95543	0.0158344	0.337492	-2.96303	0.0016566	0.191216	-5.22969	0.00547643	0.261223	-3.82815	9.91E-05	0.0789022	-12.6739
cg05772125	AHSP	0.00700542	0.478981	0.781882	-1.27897	0.954119	0.980522	-1.01986	0.153146	0.592749	-1.68705	0.0245933	2.4974	2.4974	0.0520734	2.12864	2.12864
cg02989940	AHSP;AHSP	0.00188623	0.132663	1.61755	1.61755	0.00134152	3.98002	3.98002	0.73409	0.903879	-1.10634	0.365934	1.31696	1.31696	0.0131322	0.401886	-2.48826
cg07999668	AICDA	3.40E-07	0.0835457	0.860852	-1.16164	5.35E-05	0.554566	-1.80321	6.93E-07	0.348459	-2.86978	0.735745	1.02685	1.02685	8.46E-07	0.357972	-2.79352
cg10989381	AICDA	0.000269956	0.00449208	0.246756	-4.05259	0.0376667	0.410383	-2.43675	7.91E-05	0.0716618	-13.9544	0.276934	0.658537	-1.51852	0.000251105	0.107458	-9.30593
cg10465202	AICDA	0.000370082	0.320902	0.778562	-1.28442	0.0124012	0.467832	-2.13752	0.000171951	0.210583	-4.74873	0.170681	0.70042	-1.42771	0.000647636	0.278895	-3.58557
cg17070108	AICDA	0.000734859	0.672793	0.962352	-1.03912	0.00362899	1.42701	1.42701	0.866746	0.984943	-1.01529	0.867799	0.985062	-1.01516	0.179431	0.879127	-1.13749
cg00245465	AICDA	0.000985928	0.338228	1.30953	1.30953	0.635208	1.13945	1.13945	0.0440654	0.531549	-1.88129	0.0419269	0.527081	-1.89724	0.0363201	0.514388	-1.94406
cg15494122	AICDA	0.00350005	0.532109	0.853199	-1.17206	0.00154784	0.319168	-3.13315	0.00183024	0.329311	-3.03664	0.0508388	0.572285	-1.74738	0.0279246	0.521183	-1.91871
cg27562311	AICDA	0.00557035	0.35999	0.809315	-1.23561	0.431583	0.834896	-1.19775	0.00925082	0.475897	-2.10129	0.480669	1.17487	1.17487	0.00405827	0.420075	-2.38053
cg18775247	AICDA	0.0318595	0.676807	0.82935	-1.20576	0.205878	1.81421	1.81421	0.127666	0.479393	-2.08597	0.956977	0.976207	-1.02437	0.00128004	0.122932	-8.13458
cg23734759	AIDA;C1orf58	0.00203847	0.375846	1.54868	1.54868	0.54837	1.33751	1.33751	0.616241	1.27334	1.27334	0.216359	0.531584	-1.88117	0.000163792	0.0222694	-44.9046
cg05930166	AIDA;C1orf58	0.0111793	0.64935	1.05331	1.05331	0.606804	0.942799	-1.06067	0.0393039	0.762948	-1.31071	0.00893579	0.685659	-1.45845	0.0184365	1.38318	1.38318
cg03395198	AIDA;C1orf58	0.0132841	0.00414245	0.436642	-2.29021	0.013928	1.92485	1.92485	0.533783	1.14551	1.14551	0.829683	0.954624	-1.04753	0.1439	0.712857	-1.40281
cg02878987	AIDA;C1orf58	0.0354235	0.157453	1.16171	1.16171	0.836257	0.979688	-1.02073	0.0503898	0.801607	-1.24749	0.0544893	0.805477	-1.2415	0.0753525	1.21691	1.21691
cg11138318	AIDA;C1orf58;AIDA	0.0210468	0.356387	0.837409	-1.19416	0.00297571	0.46655	-2.14339	0.145787	0.746675	-1.33927	0.808103	0.955504	-1.04657	0.059838	0.672192	-1.48767
cg15343510	AIF1;AIF1	0.000613361	0.00248365	0.614452	-1.62747	0.00808554	0.675134	-1.48119	4.24E-05	0.405854	-2.46394	0.0206054	0.723995	-1.38122	0.00927194	0.682222	-1.4658
cg25403205	AIF1;AIF1;AIF1	0.000188054	0.0120362	0.508176	-1.96782	0.086345	0.669361	-1.49396	0.00261121	0.399524	-2.50298	7.79E-05	0.19199	-5.2086	0.433982	1.18182	1.18182
cg04812347	AIF1;AIF1;AIF1	0.0004508	0.363219	0.778586	-1.28438	0.00101522	0.271032	-3.6896	0.000789787	0.25705	-3.8903	0.00365178	0.348892	-2.86621	0.0130218	0.43816	-2.28227
cg01674119	AIF1;AIF1;AIF1	0.00138162	0.00213084	3.01741	3.01741	0.0360802	0.535909	-1.86599	0.459923	0.824874	-1.21231	0.257142	0.738879	-1.3534	0.00014024	0.185952	-5.37773
cg19563932	AIF1;AIF1;AIF1	0.00186415	0.000579445	0.130838	-7.64306	0.016569	0.326834	-3.05966	0.0248738	0.360513	-2.77382	0.900798	1.0488	1.0488	0.131752	0.537056	-1.862
cg14694191	AIF1;AIF1;AIF1	0.00661198	0.0010816	0.14958	-6.68538	0.017325	0.319434	-3.13054	0.0276702	0.358784	-2.7872	0.043247	0.40031	-2.49806	0.0128603	0.296332	-3.37459
cg18113826	AIF1;AIF1;AIF1	0.0216219	0.513255	0.83295	-1.20055	0.498497	0.827433	-1.20856	0.0263246	0.483707	-2.06737	0.0935536	0.601433	-1.6627	0.388426	0.783736	-1.27594
cg00688264	AIF1L	0.00272022	0.00132898	0.408089	-2.45044	0.200339	0.771236	-1.29662	0.683648	0.924342	-1.08185	0.0556824	0.659442	-1.51643	0.00170788	0.423129	-2.36334
cg13776620	AIF1L	0.0360086	0.38773	0.710872	-1.40672	0.0203009	2.94037	2.94037	0.367074	1.42928	1.42928	0.178865	1.7341	1.7341	0.0170424	0.325864	-3.06876
cg14006239	AIF1L	0.0407415	0.0501662	0.508568	-1.96631	0.0136687	2.51804	2.51804	0.221988	0.677963	-1.47501	0.924164	0.971582	-1.02925	0.0954056	0.574227	-1.74147
cg23859208	AIFM1;AIFM1;AIFM1;AIFM1	0.0372935	0.406833	1.65642	1.65642	0.411149	0.606638	-1.64843	0.53869	0.690591	-1.44804	0.157137	0.40663	-2.45924	0.00261362	0.0838222	-11.93
cg07980716	AIFM1;AIFM1;AIFM1;AIFM1;AIFM1	0.000636897	0.0534783	1.43445	1.43445	0.000191004	0.355582	-2.81229	0.0178187	0.622618	-1.60612	0.866087	1.02815	1.02815	0.000147654	0.341841	-2.92534
cg22921643	AIFM1;AIFM1;AIFM1;AIFM1;AIFM1	0.0055659	0.00520566	0.302651	-3.30414	0.0118125	0.360926	-2.77065	0.217841	0.656913	-1.52227	0.0212468	0.407538	-2.45376	0.000411979	0.162411	-6.1572
cg11593337	AIFM1;AIFM1;AIFM1;AIFM1;AIFM1	0.0218519	0.574517	1.19138	1.19138	0.0308086	0.457062	-2.18789	0.0375765	0.474852	-2.10592	0.0712092	0.536816	-1.86284	0.00295596	0.28375	-3.52423
cg14699343	AIFM1;AIFM1;AIFM1;AIFM1;AIFM1;AIFM1	0.00245005	0.255654	1.33331	1.33331	0.00127004	0.319885	-3.12612	0.00143288	0.327062	-3.05753	0.00909904	0.447826	-2.23301	0.0021671	0.352302	-2.83848
cg17446739	AIFM2	2.84E-05	0.0250968	0.44073	-2.26896	0.357718	0.747632	-1.33756	0.120892	1.67734	1.67734	0.405108	0.769563	-1.29944	0.00827812	0.354092	-2.82412
cg16029661	AIFM2	4.26E-05	0.111505	0.67095	-1.49042	7.55E-05	0.191383	-5.22512	0.000313901	0.260599	-3.83732	0.405234	0.821976	-1.21658	5.09E-06	0.0917298	-10.9016
cg04859918	AIFM2	0.00020202	5.93E-05	0.155619	-6.42593	0.0277143	0.521189	-1.91869	0.0105092	0.446524	-2.23952	0.000522928	0.258193	-3.87308	9.05E-05	0.173291	-5.77064
cg13908507	AIFM2	0.00106815	0.0253388	0.580523	-1.72258	0.0024685	2.36575	2.36575	0.00825535	0.501056	-1.99578	0.00490638	0.466487	-2.14368	0.0682871	0.658638	-1.51828
cg02100629	AIFM2	0.00116006	0.00620514	0.336092	-2.97538	0.851669	0.944405	-1.05887	0.765883	0.912792	-1.09554	0.406225	0.771329	-1.29646	0.00167013	0.253169	-3.94992
cg20241658	AIFM2	0.0139452	0.014084	0.315694	-3.16762	0.254083	0.635657	-1.57317	0.0639132	0.452805	-2.20845	0.434606	0.738375	-1.35433	0.329839	0.682102	-1.46606
cg13216961	AIFM2	0.0172034	0.0101365	0.541556	-1.84653	0.256374	0.799291	-1.25111	0.0314019	0.620431	-1.61178	0.00325462	0.468257	-2.13558	0.00269869	0.456628	-2.18996
cg14019615	AIFM2	0.0188725	0.125825	0.622993	-1.60515	0.0662195	0.55508	-1.80154	0.486546	0.817114	-1.22382	0.98376	0.994202	-1.00583	0.00133472	0.263826	-3.79038
cg26699283	AIFM2	0.0201385	0.027396	0.23991	-4.16823	0.56853	0.729594	-1.37063	0.456866	0.660677	-1.5136	0.196879	2.10927	2.10927	0.161819	0.441674	-2.26411
cg01322555	AIFM2	0.0295455	0.0528972	0.645196	-1.54992	0.800662	0.950857	-1.05168	0.131376	1.38321	1.38321	0.0457183	0.633662	-1.57813	0.288422	1.24546	1.24546
cg25502086	AIFM2	0.0378558	0.102779	1.99391	1.99391	0.294276	1.52279	1.52279	0.0762147	2.14403	2.14403	0.224912	1.63687	1.63687	0.0694864	0.456129	-2.19236
cg10348922	AIFM3;AIFM3	0.00341552	0.51126	0.87209	-1.14667	0.30846	0.805304	-1.24177	0.317199	1.23664	1.23664	0.8269	1.04602	1.04602	8.27E-05	0.23307	-4.29056
cg17470095	AIFM3;AIFM3	0.0134698	0.010033	0.59516	-1.68022	0.397777	0.870887	-1.14825	0.0201537	0.639241	-1.56435	0.0983476	0.748671	-1.3357	0.00281427	0.518351	-1.92919
cg16590005	AIFM3;AIFM3	0.0328625	0.046413	0.598133	-1.67187	0.719129	0.921864	-1.08476	0.305122	1.27028	1.27028	0.317861	0.79247	-1.26188	0.0166816	0.517689	-1.93166
cg17757079	AIFM3;AIFM3;AIFM3;AIFM3	7.14E-05	0.146977	1.17458	1.17458	0.000380848	0.556193	-1.79794	0.000806207	0.592921	-1.68657	0.000916807	0.599184	-1.66894	8.69E-05	0.482939	-2.07065
cg00534362	AIFM3;AIFM3;AIFM3;LZTR1;AIFM3	0.0454616	0.267035	1.35553	1.35553	0.539898	1.17733	1.17733	0.982273	0.994172	-1.00586	0.0709671	1.70011	1.70011	0.0068108	0.397611	-2.51502
cg11003645	AIG1	0.000660609	0.000110455	0.376845	-2.65361	0.264649	1.18148	1.18148	0.804545	1.03621	1.03621	0.0535921	0.730213	-1.36946	0.000609503	0.468815	-2.13304
cg25991026	AIG1	0.00118894	0.197681	1.29647	1.29647	0.00400034	0.478267	-2.09088	0.0278414	0.609161	-1.6416	0.00759608	1.92447	1.92447	0.00300684	2.17226	2.17226
cg27534796	AIG1	0.00133964	0.0704311	0.899136	-1.11218	8.12E-05	1.45314	1.45314	0.0139018	1.17326	1.17326	0.784168	1.01454	1.01454	0.0194964	1.16005	1.16005
cg20935933	AIG1	0.00596634	0.758315	0.947478	-1.05543	0.16536	0.772082	-1.2952	0.211195	0.79432	-1.25894	0.183549	1.27973	1.27973	0.0015069	0.449644	-2.22398
cg11314042	AIG1	0.00952016	0.0105392	0.220173	-4.54189	0.902437	0.943959	-1.05937	0.734939	0.852304	-1.17329	0.0979705	0.425837	-2.34832	0.0235103	0.280177	-3.56918
cg08824384	AIG1	0.0185588	0.0533588	0.353934	-2.82539	0.0492	0.345594	-2.89357	0.122716	0.453174	-2.20666	0.0252463	0.283881	-3.5226	0.00203447	0.127637	-7.83471
cg01549940	AIG1	0.034193	0.687555	0.771708	-1.29583	0.0367151	4.7381	4.7381	0.0112439	7.65756	7.65756	0.115681	2.99256	2.99256	0.984007	0.987234	-1.01293
cg26076683	AIG1	0.0450142	0.657727	1.11138	1.11138	0.0210956	0.518444	-1.92885	0.0256075	0.533625	-1.87397	0.302458	0.776469	-1.28788	0.060704	0.606037	-1.65006
cg16202624	AIM1	5.68E-06	0.555302	0.910722	-1.09803	0.11503	1.30815	1.30815	0.00155472	0.490142	-2.04022	1.26E-05	0.236851	-4.22206	0.000826133	0.454087	-2.20222
cg09184502	AIM1	0.00015691	0.23734	1.43705	1.43705	0.0618317	1.85151	1.85151	0.110614	1.66398	1.66398	0.719936	1.11122	1.11122	0.0185034	0.433141	-2.30872
cg02696253	AIM1	0.00132326	0.0590213	0.603456	-1.65712	0.210759	0.731694	-1.36669	0.000480138	0.273119	-3.66141	0.00446661	0.407255	-2.45547	0.316351	0.782385	-1.27814
cg25263140	AIM1	0.00134356	0.314454	0.822956	-1.21513	0.0241081	1.65502	1.65502	0.160356	1.32436	1.32436	0.797014	1.04947	1.04947	0.796108	1.0497	1.0497
cg12448860	AIM1	0.00159061	0.0120283	0.61644	-1.62222	0.114982	0.767414	-1.30308	0.423016	1.13474	1.13474	0.00554571	0.56957	-1.75571	0.0254319	0.663475	-1.50722
cg10725227	AIM1	0.00199486	0.00733408	0.56104	-1.7824	0.91107	0.981492	-1.01886	0.00491542	0.536295	-1.86465	0.443683	0.877584	-1.13949	4.24E-05	0.272068	-3.67556
cg22261694	AIM1	0.0020363	0.00202284	0.272987	-3.66318	0.207438	0.672737	-1.48647	0.00671806	0.350584	-2.85238	0.223461	0.6829	-1.46434	0.566554	1.18857	1.18857
cg22231056	AIM1	0.0022261	0.575922	1.23963	1.23963	0.123784	1.88445	1.88445	0.000713328	7.09288	7.09288	0.00616426	3.88883	3.88883	0.529397	0.7849	-1.27405
cg25944720	AIM1	0.00248564	0.514532	1.3137	1.3137	0.0508207	2.50545	2.50545	0.000851039	7.91957	7.91957	0.042037	2.63032	2.63032	0.900527	0.949689	-1.05298
cg14426428	AIM1	0.00961564	0.0315839	0.172015	-5.81343	0.432363	0.571479	-1.74985	0.0150424	0.124086	-8.05892	0.0142443	0.121098	-8.25776	0.071803	0.245718	-4.06971
cg05873285	AIM1	0.0233168	0.00729137	0.108358	-9.22869	0.703554	1.2783	1.2783	0.932284	1.0561	1.0561	0.359787	0.546252	-1.83066	0.0584724	0.253357	-3.947
cg18405900	AIM1	0.0383708	0.705471	0.879077	-1.13756	0.00160661	4.64479	4.64479	0.306229	0.697973	-1.43272	0.596902	0.834299	-1.19861	0.586309	0.829844	-1.20505
cg23052020	AIM1;AIM1	0.000150764	0.993945	0.998201	-1.0018	0.0060951	2.33816	2.33816	0.0373409	1.77401	1.77401	0.392942	0.812523	-1.23073	0.699187	0.912	-1.09649
cg24004139	AIM1L	3.37E-05	0.875712	1.02133	1.02133	0.00403502	0.594058	-1.68334	1.80E-05	0.306869	-3.25872	0.530229	1.08952	1.08952	2.94E-05	0.331376	-3.01772
cg14517454	AIM1L	0.00218236	0.377282	0.793878	-1.25964	0.847191	1.05038	1.05038	0.000484445	0.248103	-4.03058	0.227145	0.723938	-1.38133	0.146931	0.672599	-1.48677
cg16491530	AIM1L	0.00930584	0.518171	1.23357	1.23357	0.00138407	0.226343	-4.41808	0.5327	0.816698	-1.22444	0.0444403	0.477285	-2.09518	0.00677127	0.324769	-3.07911
cg09279616	AIM1L	0.013618	0.0517358	0.367438	-2.72155	0.17686	0.522465	-1.91401	0.0105145	0.233176	-4.28861	0.347665	0.64578	-1.54852	0.00779594	0.213349	-4.68716
cg00387941	AIM1L	0.0449897	0.285092	1.62276	1.62276	0.0655293	2.46271	2.46271	0.0988828	0.454314	-2.20112	0.173509	1.88029	1.88029	0.692984	1.18889	1.18889
cg17515347	AIM2	0.000220129	0.781531	0.933741	-1.07096	0.152134	0.685023	-1.4598	0.00296128	0.365704	-2.73445	0.0960008	0.637115	-1.56958	0.00345613	0.375672	-2.6619
cg00490406	AIM2	0.000237195	0.061076	0.639843	-1.56288	0.393532	1.20309	1.20309	0.00724277	0.480471	-2.08129	8.99E-06	0.130703	-7.65092	0.0104087	0.505367	-1.97876
cg07195224	AIM2	0.000627052	0.00121064	0.213828	-4.67665	0.268802	1.45489	1.45489	0.00068629	0.184907	-5.40813	0.000657921	0.182862	-5.46861	0.0127779	0.365331	-2.73724
cg10636246	AIM2	0.00340352	0.037804	0.318767	-3.13708	0.233458	0.552701	-1.8093	0.00584055	0.180317	-5.5458	0.0157091	0.245299	-4.07665	0.00595443	0.181436	-5.5116
cg17217296	AIM2	0.00945843	0.267593	0.822476	-1.21584	0.270222	0.823429	-1.21443	0.00454007	0.527398	-1.8961	0.135702	0.761772	-1.31273	0.0859531	1.37867	1.37867
cg24659501	AIM2	0.0113427	0.339619	1.19471	1.19471	0.308622	1.20982	1.20982	0.262737	1.23499	1.23499	0.724808	1.06598	1.06598	0.0483032	0.665057	-1.50363
cg11003133	AIM2	0.0123839	0.0709088	0.605563	-1.65136	0.0275143	1.91175	1.91175	0.0485723	0.571169	-1.7508	0.164902	0.691923	-1.44525	0.0245043	0.513726	-1.94656
cg27541604	AIM2;AIM2	0.000884572	0.00166659	0.427548	-2.33892	0.00565103	1.98601	1.98601	0.000232652	0.315432	-3.17026	0.0401102	0.638804	-1.56543	0.000586144	0.366449	-2.72889
cg04334499	AIMP1;AIMP1;AIMP1	0.00042484	0.000396531	0.597566	-1.67345	0.115933	1.16882	1.16882	0.425307	0.928369	-1.07716	0.0126945	0.753692	-1.3268	5.79E-05	0.506303	-1.9751
cg09646026	AIMP1;AIMP1;AIMP1	0.00430849	0.0861099	0.341993	-2.92404	0.000777815	0.0563205	-17.7555	0.18832	0.45444	-2.20051	0.240677	0.499079	-2.00369	0.00271292	0.0960129	-10.4153
cg24015814	AIMP1;AIMP1;AIMP1	0.0072316	0.028922	0.527949	-1.89412	0.131264	0.667599	-1.49791	0.0061455	0.412077	-2.42673	0.138057	1.4859	1.4859	0.915382	0.973986	-1.02671
cg17221455	AIMP1;AIMP1;TBCK;TBCK;AIMP1;TBCK;TBCK	0.00419894	0.488529	1.08615	1.08615	0.65749	1.0538	1.0538	0.0057885	1.52895	1.52895	0.631612	0.944846	-1.05837	0.335119	0.889819	-1.12382
cg24491749	AIMP1;TBCK;TBCK;AIMP1;AIMP1;TBCK;TBCK	0.000926841	0.0159712	0.466215	-2.14493	0.000669	0.260148	-3.84397	0.0009781	0.281287	-3.55508	0.0112642	0.439908	-2.2732	0.000623311	0.25631	-3.90153
cg09258022	AIMP2	0.000175825	0.233641	1.15183	1.15183	0.021673	0.731939	-1.36623	0.023722	0.736663	-1.35747	0.0128065	1.41905	1.41905	0.0315864	0.751758	-1.33021
cg07928709	AIMP2	0.0227471	0.425457	0.847371	-1.18012	0.779429	1.0588	1.0588	0.618894	0.902991	-1.10743	0.929181	1.01825	1.01825	0.000336856	0.30845	-3.24202
cg12377483	AIMP2	0.0312439	0.38729	0.798995	-1.25157	0.0862	0.61875	-1.61616	0.315711	1.30042	1.30042	0.28825	0.756401	-1.32205	0.00851883	0.427344	-2.34004
cg21052656	AIP	7.11E-05	0.606426	0.934598	-1.06998	0.00295845	1.70066	1.70066	0.000869868	0.521937	-1.91594	0.000184992	0.439558	-2.27501	1.75E-05	0.318505	-3.13967
cg20973735	AIP	0.00106178	0.00208059	0.297492	-3.36144	0.82266	0.939129	-1.06482	0.122512	0.626132	-1.59711	0.63002	0.873025	-1.14544	0.0002006	0.174456	-5.7321
cg25338623	AIP	0.00113533	0.448391	0.871387	-1.1476	0.847752	1.03484	1.03484	0.459171	1.14374	1.14374	0.0489068	0.669844	-1.49288	0.520819	0.8905	-1.12296
cg23692589	AIP	0.0102908	0.311571	0.709698	-1.40905	?	?	?	0.00639665	0.312821	-3.19672	0.0133695	0.366546	-2.72817	0.00535781	0.300796	-3.32451
cg03812676	AIP	0.0112812	0.498086	0.825377	-1.21157	0.988384	0.995946	-1.00407	0.279011	1.36896	1.36896	0.255363	0.717968	-1.39282	0.638529	0.876323	-1.14113
cg15286618	AIP	0.0171443	0.199088	0.49993	-2.00028	0.0128191	5.06073	5.06073	0.120263	2.37418	2.37418	0.568857	0.746621	-1.33937	0.348833	0.612139	-1.63362
cg21747271	AIP	0.0230231	0.710014	0.924157	-1.08207	0.804509	1.05377	1.05377	0.131118	0.708777	-1.41088	0.0087711	0.494152	-2.02367	0.00657584	0.474594	-2.10707
cg12294403	AIP	0.0474921	0.829552	1.05391	1.05391	0.624552	1.12765	1.12765	0.00866018	2.25928	2.25928	0.0172981	2.02615	2.02615	0.180833	0.707476	-1.41347
cg19719550	AIPL1;AIPL1;AIPL1	0.00140025	0.315747	0.816614	-1.22457	0.111162	0.712532	-1.40345	0.201533	1.30137	1.30137	0.13036	0.726816	-1.37586	2.97E-05	0.202432	-4.93992
cg26700077	AIPL1;AIPL1;AIPL1	0.00498566	0.227321	1.21812	1.21812	0.00716828	1.71682	1.71682	0.068265	0.727734	-1.37413	0.432992	1.13266	1.13266	0.00104919	0.470073	-2.12733
cg05890279	AIPL1;AIPL1;AIPL1	0.0105096	0.31695	0.725157	-1.37901	0.794003	0.921928	-1.08468	0.223607	0.672208	-1.48763	0.0117602	0.37625	-2.65781	0.000245296	0.152251	-6.56812
cg13107870	AIPL1;AIPL1;AIPL1	0.02435	0.179051	0.823745	-1.21397	0.105895	1.27113	1.27113	0.00175305	1.83266	1.83266	0.969245	0.994777	-1.00525	0.311726	0.867483	-1.15276
cg02482001	AIPL1;AIPL1;AIPL1;AIPL1;AIPL1;AIPL1	0.000340144	0.0528919	1.3591	1.3591	0.633658	1.06925	1.06925	0.160933	1.23223	1.23223	0.000698102	2.05678	2.05678	0.000126802	0.394468	-2.53506
cg11923631	AIRE	6.28E-05	0.726081	1.07585	1.07585	0.000315236	3.72641	3.72641	0.000619201	3.24235	3.24235	0.207342	1.32114	1.32114	0.384509	0.830326	-1.20435
cg08089567	AIRE	0.000638767	0.977345	1.00774	1.00774	0.000460338	4.46574	4.46574	0.00873756	2.47603	2.47603	0.00819679	2.50451	2.50451	0.537403	0.844096	-1.1847
cg18689454	AIRE	0.000722971	0.540873	1.2134	1.2134	0.00116187	4.43906	4.43906	0.00268053	3.65743	3.65743	0.195308	1.53415	1.53415	0.272335	0.699769	-1.42904
cg09510531	AIRE	0.000997076	0.297701	1.24367	1.24367	0.00447079	2.1508	2.1508	0.288314	1.24941	1.24941	0.0892489	1.46014	1.46014	0.520682	0.876768	-1.14055
cg27251412	AIRE	0.00106406	0.366357	1.23761	1.23761	0.00260048	2.60734	2.60734	0.699276	1.09326	1.09326	0.208684	1.35586	1.35586	0.567527	0.875694	-1.14195
cg16717549	AIRE	0.0011328	0.298653	1.41912	1.41912	0.00136598	4.52574	4.52574	0.00345913	3.63209	3.63209	0.411788	1.31348	1.31348	0.389514	0.750867	-1.33179
cg16501323	AIRE	0.00134469	0.393549	1.19591	1.19591	0.000302119	3.32882	3.32882	0.0022994	2.39213	2.39213	0.088925	1.46826	1.46826	0.957228	1.01104	1.01104
cg17356252	AIRE	0.00572645	0.328253	1.44764	1.44764	0.00630096	3.68533	3.68533	0.00511741	3.88053	3.88053	0.0531931	2.23732	2.23732	0.940643	1.02768	1.02768
cg12843033	AIRE	0.00970989	0.131122	1.51562	1.51562	0.0309448	1.90845	1.90845	0.0104485	2.27583	2.27583	0.0487012	1.77597	1.77597	0.02863	1.93224	1.93224
cg18876487	AIRE	0.0384898	0.115314	1.35177	1.35177	0.0361694	1.53557	1.53557	0.0156818	1.68444	1.68444	0.0571764	1.46056	1.46056	0.21622	1.25748	1.25748
cg19450046	AIRE;AIRE	0.00141094	0.112047	2.1568	2.1568	0.00829935	0.223356	-4.47717	0.121577	0.474477	-2.10758	0.21287	1.79099	1.79099	0.000217527	0.0645974	-15.4805
cg24755104	AIRE;AIRE	0.00243302	0.0253465	0.48455	-2.06377	0.00214023	0.308665	-3.23976	0.00764207	0.39272	-2.54634	0.0172492	0.45351	-2.20502	0.000152175	0.170184	-5.876
cg01351072	AIRE;AIRE	0.00651094	0.0205695	0.529444	-1.88878	0.503788	0.856708	-1.16726	0.000703727	0.308095	-3.24576	0.28986	0.778467	-1.28458	0.000544254	0.293719	-3.40461
cg21616420	AIRE;AIRE	0.0176278	0.383936	0.812332	-1.23102	0.0273104	0.544443	-1.83674	0.00129201	0.335672	-2.97909	0.943433	0.983615	-1.01666	0.945922	1.01592	1.01592
cg25872982	AIRE;AIRE	0.023933	0.923008	0.979294	-1.02114	0.00734115	0.473308	-2.11279	0.447939	0.845862	-1.18223	0.830504	0.954662	-1.04749	0.00198344	0.388472	-2.57418
cg00495713	AIRE;AIRE	0.0288076	0.938085	0.98916	-1.01096	0.00309427	1.76463	1.76463	0.646178	1.067	1.067	0.129539	1.25833	1.25833	0.39669	1.12949	1.12949
cg21438602	AIRE;AIRE	0.0360789	0.00883748	0.204479	-4.89047	0.501169	0.722436	-1.38421	0.100649	0.424708	-2.35456	0.426524	1.47203	1.47203	0.759929	0.864197	-1.15714
cg25783241	AIRE;AIRE	0.0378497	0.438441	0.89317	-1.11961	0.147351	0.800707	-1.2489	0.0243833	0.681488	-1.46738	0.843112	1.02873	1.02873	0.14251	0.798237	-1.25276
cg04878385	AIRE;AIRE;AIRE	0.00884553	0.0284369	0.445611	-2.24411	0.00111005	0.222719	-4.48995	0.00184816	0.251182	-3.98117	0.172686	0.635349	-1.57394	0.0113538	0.371345	-2.69291
cg25552937	AJAP1	0.00538357	0.355831	1.27998	1.27998	0.00117687	3.44594	3.44594	0.97062	0.990474	-1.00962	0.0963496	0.622177	-1.60726	0.003888	0.364043	-2.74693
cg15549700	AJAP1;AJAP1	0.000125453	0.00210253	0.387011	-2.5839	2.94E-05	0.165783	-6.03198	0.0432039	0.600256	-1.66596	0.125338	1.43915	1.43915	4.97E-05	0.188028	-5.31835
cg12665669	AJAP1;AJAP1	0.000260528	0.00943321	0.669333	-1.49402	5.93E-05	0.403915	-2.47577	0.00127944	1.77362	1.77362	0.0907958	1.25525	1.25525	0.00182917	0.582577	-1.71651
cg18395150	AJAP1;AJAP1	0.00493803	0.00386588	0.304234	-3.28695	0.0195887	0.422156	-2.36879	0.018	0.415296	-2.40792	0.0705896	0.539118	-1.85488	0.000647011	0.201916	-4.95255
cg14218042	AJAP1;AJAP1	0.0122126	0.00593468	0.521078	-1.9191	0.00824907	1.8442	1.8442	0.0231289	1.63553	1.63553	0.0815202	0.704857	-1.41873	0.364613	0.844708	-1.18384
cg16563230	AJAP1;AJAP1	0.0175708	0.771507	0.928503	-1.077	0.279339	1.33179	1.33179	0.0405951	0.547516	-1.82643	0.18144	0.696696	-1.43535	0.0158902	0.471237	-2.12208

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15452479	0.0385704	1.4379	1.4379	0.177413	0.804723	-1.24266	0.632633	1.07572	1.07572	0.72903	1.05412	1.05412	5.97369	2.17326	0.323383	1
cg25420182	0.00248076	0.612612	-1.63235	0.0158436	1.41103	1.41103	0.52801	1.07734	1.07734	0.214395	0.858736	-1.1645	11.8715	2.55232	0.191107	1
cg03313140	0.123934	0.666591	-1.50017	0.00202102	0.346439	-2.88651	0.109624	1.52896	1.52896	0.102659	0.647455	-1.54451	9.07667	8.51846	0.834223	1
cg02578929	0.00816822	0.380295	-2.62954	0.00679675	0.367255	-2.72291	0.213481	1.45375	1.45375	0.060444	0.546239	-1.8307	4.54798	5.87566	1.14838	1
cg07209960	0.373245	0.868288	-1.15169	0.00509795	0.564452	-1.77163	0.0932457	0.751798	-1.33014	0.161799	0.793876	-1.25964	4.35883	1.64807	0.336088	1
cg11613383	0.946363	1.04222	1.04222	0.0145639	0.157338	-6.35573	0.875023	0.907797	-1.10157	0.0284352	0.204031	-4.90121	3.64387	21.7984	5.31753	1
cg10149091	0.00656303	0.388241	-2.57572	0.0394062	0.534578	-1.87063	0.645451	1.1265	1.1265	0.568189	1.15997	1.15997	6.40197	6.54759	0.795469	1
cg03872623	0.0990391	0.751767	-1.3302	0.381999	0.868089	-1.15196	0.0101438	0.599508	-1.66803	0.00140111	0.481871	-2.07525	18.3508	7.23494	0.350451	1
cg22092114	0.238285	0.833408	-1.19989	0.374564	1.14392	1.14392	0.000186464	0.394303	-2.53612	0.277593	0.846555	-1.18126	10.2338	3.5277	0.30641	1
cg07361385	0.225185	1.27442	1.27442	0.0310972	1.61881	1.61881	0.33114	1.21031	1.21031	0.453317	0.864657	-1.15653	5.22055	2.99624	0.510162	1
cg21510841	0.299071	1.17099	1.17099	0.0107545	1.60003	1.60003	0.839776	0.970746	-1.03014	0.505758	1.1041	1.1041	5.77952	1.96893	0.302821	1
cg14387505	0.0480731	0.64779	-1.54371	2.15E-06	0.107077	-9.33907	1.33E-05	0.173165	-5.77486	0.00456333	0.483916	-2.06647	29.501	17.2534	0.519859	1
cg00148355	0.00146269	0.184773	-5.41204	0.00102408	0.167144	-5.98288	0.0501788	0.440175	-2.27183	0.00442057	0.247541	-4.03974	11.9861	25.639	1.90138	1
cg05772125	0.515014	1.2532	1.2532	0.00165468	0.21454	-4.66113	0.00333189	0.255107	-3.91992	0.756175	1.11236	1.11236	6.61352	12.2421	1.64539	1
cg02989940	0.420575	0.783572	-1.27621	0.000427719	0.191549	-5.2206	0.0374819	0.488934	-2.04527	0.119006	1.65121	1.65121	9.80764	13.6462	1.23679	1
cg07999668	0.000288266	0.629524	-1.5885	0.042484	0.832972	-1.20052	1.05E-08	0.165101	-6.05689	4.66E-05	0.548199	-1.82416	96.5211	9.35467	0.0861497	1
cg10989381	0.0033798	0.229369	-4.35978	6.11E-05	0.065008	-15.3827	0.000508644	0.134519	-7.43392	0.00603815	0.26581	-3.76209	16.9315	36.595	1.9212	1
cg10465202	0.759112	0.92768	-1.07796	5.98E-05	0.163439	-6.11851	0.000289105	0.236152	-4.23455	0.00583632	0.414375	-2.41327	15.5292	14.6507	0.838606	1
cg17070108	0.042935	0.810208	-1.23425	0.00121357	1.53406	1.53406	0.000402273	0.601451	-1.66265	0.0012005	0.651378	-1.53521	12.8348	1.65904	0.114899	1
cg00245465	0.440797	1.23953	1.23953	1.49E-05	0.0859599	-11.6333	0.0848427	0.594187	-1.68297	0.0532178	0.548838	-1.82203	11.8139	13.9612	1.05045	1
cg15494122	0.11294	0.648674	-1.54161	0.000488333	0.253898	-3.93859	0.00421709	0.382424	-2.6149	0.0594634	0.586432	-1.70523	8.17377	8.14727	0.886007	1
cg27562311	0.699205	1.09121	1.09121	0.764474	0.934683	-1.06988	0.000230515	0.252922	-3.95378	0.876147	0.965545	-1.03568	7.09978	5.68254	0.711451	1
cg18775247	0.257021	0.589757	-1.69561	0.345249	1.5433	1.5433	0.957388	0.976431	-1.02414	0.0520628	0.372892	-2.68174	4.00017	12.6232	2.80503	1
cg23734759	?	?	?	0.00249041	0.102297	-9.77541	?	?	?	0.133562	2.21055	2.21055	15.0485	40.1344	2.28601	1
cg05930166	0.0119826	0.700701	-1.42714	0.00500482	0.656122	-1.52411	0.732315	0.961791	-1.03973	0.280396	0.880457	-1.13577	5.70271	1.1628	0.181248	1
cg03395198	0.0378149	0.594985	-1.68071	0.00737483	0.475053	-2.10503	0.349852	0.812654	-1.23054	0.669075	0.911477	-1.09712	5.39191	3.96844	0.654221	1
cg02878987	0.458589	0.927899	-1.0777	0.0747908	1.21747	1.21747	0.189672	1.14768	1.14768	0.0198525	1.32157	1.32157	3.85032	0.599529	0.138408	1
cg11138318	0.422699	0.85797	-1.16554	0.0104169	1.82824	1.82824	0.388006	0.84747	-1.17998	0.0840293	0.699352	-1.4299	4.62351	2.56217	0.492588	1
cg15343510	0.240487	0.867332	-1.15296	0.000502398	0.532517	-1.87787	0.0904716	1.24117	1.24117	0.0636069	0.785412	-1.27322	13.5007	2.86832	0.188851	1
cg25403205	0.721629	0.928046	-1.07753	8.06E-06	0.0971535	-10.293	0.209707	1.32051	1.32051	0.0814745	0.664079	-1.50584	23.9687	16.1709	0.524743	1
cg04812347	0.00154136	0.295205	-3.38747	6.77E-05	0.141835	-7.05047	0.0328685	1.95122	1.95122	0.225413	0.711069	-1.40633	14.7065	16.7078	1.00985	1
cg01674119	0.0860798	0.615501	-1.62469	0.0255739	1.97146	1.97146	0.193875	1.42155	1.42155	0.31677	0.767337	-1.30321	10.7301	11.1273	0.921789	1
cg19563932	0.00352861	0.220594	-4.53321	0.000268141	0.101781	-9.82503	0.245931	1.58991	1.58991	0.0300615	0.377218	-2.65099	9.84124	22.7561	2.0554	1
cg14694191	0.0201374	0.331651	-3.01522	0.00310062	0.203249	-4.92006	0.685784	1.17369	1.17369	0.0174897	0.320191	-3.12313	6.73357	16.5335	2.18256	1
cg18113826	0.956212	0.984977	-1.01525	0.0234033	2.10986	2.10986	0.686842	1.11821	1.11821	0.00204893	0.301883	-3.31255	4.58108	5.51397	1.0699	1
cg00688264	0.407843	0.84995	-1.17654	0.000447229	0.34526	-2.89637	0.175999	1.31822	1.31822	0.316838	1.21983	1.21983	8.80995	5.14521	0.519131	1
cg13776620	0.799148	1.10328	1.10328	0.203518	0.596085	-1.67761	0.0245609	2.80753	2.80753	0.337729	1.4637	1.4637	3.8275	9.00753	2.09188	1
cg14006239	0.611057	0.856157	-1.16801	0.0270008	0.452518	-2.20985	0.340367	0.742652	-1.34653	0.0575344	0.521845	-1.91628	3.65827	5.31235	1.2908	1
cg23859208	0.421357	0.613531	-1.62991	0.0594925	0.282221	-3.54333	0.762844	1.1972	1.1972	0.0110458	0.150218	-6.65701	3.77896	21.17	4.97962	1
cg07980716	0.116554	1.3238	1.3238	0.0178427	1.60589	1.60589	0.571469	0.910222	-1.09863	0.618993	0.920846	-1.08596	13.3595	5.72502	0.380921	1
cg22921643	0.00508622	0.301103	-3.32112	0.187364	0.635753	-1.57294	0.956423	1.01787	1.01787	0.0330622	0.445825	-2.24303	7.10153	11.8176	1.4792	1
cg11593337	0.13215	1.65144	1.65144	0.185467	1.54257	1.54257	0.318739	0.727522	-1.37453	0.651449	0.86902	-1.15072	4.5645	6.88932	1.34162	1
cg14699343	0.0974197	1.55411	1.55411	0.628958	1.12528	1.12528	0.0878028	0.633338	-1.57894	0.697908	1.09917	1.09917	9.08582	8.45603	0.827274	1
cg17446739	1.95E-06	0.0267431	-37.3928	5.56E-06	0.0427072	-23.4153	0.0109704	0.374751	-2.66844	0.0472843	2.00962	2.00962	30.8927	46.2639	1.33117	1
cg16029661	0.000453158	0.280164	-3.56934	4.25E-05	0.166647	-6.00071	0.451957	0.838269	-1.19294	0.000138542	0.219552	-4.55473	27.7706	23.3103	0.746122	1
cg04859918	0.000266208	0.223345	-4.47738	0.00083682	0.284046	-3.52055	0.84122	0.951013	-1.05151	0.501678	1.1862	1.1862	18.3212	18.1948	0.882758	1
cg13908507	0.127385	0.71374	-1.40107	0.107451	1.43247	1.43247	0.142309	0.724217	-1.3808	0.000213574	0.282228	-3.54324	11.5484	7.65387	0.589126	1
cg02100629	0.00432838	0.311822	-3.20696	0.000190474	0.146374	-6.83183	0.00146189	0.24557	-4.07216	0.073585	1.83956	1.83956	11.2802	16.6814	1.31451	1
cg20241658	0.0397295	0.40468	-2.47109	0.00486287	0.241604	-4.13901	0.00976761	0.288479	-3.46645	0.0346902	2.55169	2.55169	5.30672	12.1651	2.03768	1
cg13216961	0.0450764	0.647381	-1.54469	0.0569099	0.665347	-1.50298	0.215169	0.781363	-1.27981	0.355189	0.835393	-1.19704	4.94974	2.80321	0.50341	1
cg14019615	0.00879581	0.385534	-2.5938	0.0601754	0.545718	-1.83245	0.86628	1.04932	1.04932	0.0185897	0.442531	-2.25973	4.79797	6.20198	1.149	1
cg26699283	0.0277259	0.240894	-4.1512	0.0280113	0.24174	-4.13667	0.069013	0.328556	-3.04362	0.0116265	5.61484	5.61484	4.69354	22.2441	4.21271	1
cg01322555	0.0151892	0.552126	-1.81118	0.0330193	0.608634	-1.64302	0.0194567	0.569713	-1.75527	0.226285	0.776425	-1.28796	4.10903	2.58167	0.558482	1
cg25502086	0.844112	0.926713	-1.07908	0.00489008	4.22895	4.22895	0.837716	1.08251	1.08251	0.0292005	2.7005	2.7005	3.75836	8.89657	2.10413	1
cg10348922	0.00220256	0.414106	-2.41484	0.99935	1.00017	1.00017	0.338774	0.816646	-1.22452	0.520588	0.874791	-1.14313	8.23376	5.50266	0.594049	1
cg17470095	0.545277	0.906883	-1.10268	0.0059739	0.563364	-1.77505	0.00691733	0.572284	-1.74738	0.765216	0.953306	-1.04898	5.36745	2.1672	0.358905	1
cg16590005	0.871387	0.964156	-1.03718	0.3822	1.22372	1.22372	0.00247972	0.387679	-2.57945	0.984352	1.00443	1.00443	3.95598	3.17993	0.714515	1
cg17757079	0.0490288	0.792685	-1.26154	0.171381	1.16248	1.16248	1.11E-05	0.380578	-2.62758	0.0865959	1.21615	1.21615	24.2215	4.1002	0.15047	1
cg00534362	0.887358	1.03799	1.03799	0.748275	1.08839	1.08839	0.0148087	2.20073	2.20073	0.420392	1.24179	1.24179	3.51207	3.84941	0.974268	1
cg11003645	0.0174755	0.660373	-1.5143	?	?	?	0.218515	0.830567	-1.204	0.000416476	0.44798	-2.23224	13.5428	3.92276	0.289657	1
cg25991026	0.0336981	0.62316	-1.60472	0.0221277	1.68734	1.68734	0.00196912	2.30251	2.30251	0.162751	0.752663	-1.32862	11.2013	6.45044	0.511878	1
cg27534796	0.0356177	0.879323	-1.13724	0.164477	1.08111	1.08111	0.0580818	1.11922	1.11922	0.00792141	1.19609	1.19609	10.8255	0.474027	0.0389226	1
cg20935933	0.726369	0.94043	-1.06334	0.00143359	0.446702	-2.23863	0.0462965	1.49042	1.49042	0.146978	1.31269	1.31269	6.95122	3.36418	0.430195	1
cg11314042	0.00458562	0.169519	-5.89905	0.00222736	0.133376	-7.4976	0.00738348	0.197219	-5.07051	0.01671	0.253127	-3.95058	6.00414	21.0314	3.11361	1
cg08824384	0.607991	0.782822	-1.27743	0.00368761	0.156076	-6.40712	0.392309	0.660508	-1.51399	0.038504	0.321567	-3.10977	4.82519	17.1157	3.15304	1
cg01549940	0.620837	1.3766	1.3766	0.0499047	4.193	4.193	0.00313642	13.3115	13.3115	0.539702	1.48881	1.48881	3.89987	25.3775	5.78423	1
cg26076683	0.521498	1.16636	1.16636	0.56813	0.872282	-1.14642	0.0246416	1.88471	1.88471	0.530203	0.860191	-1.16253	3.52511	3.13171	0.78969	1
cg16202624	0.000102319	0.340206	-2.9394	2.51E-07	0.0899227	-11.1207	3.92E-05	0.291144	-3.43472	0.000164495	0.36531	-2.7374	46.9538	18.272	0.34591	1
cg09184502	0.560534	0.841654	-1.18814	0.744505	0.908663	-1.10052	1.79E-06	32.7518	32.7518	0.948343	1.01916	1.01916	19.6172	26.6545	1.20776	1
cg02696253	0.000135846	0.209166	-4.7809	0.00110446	0.320047	-3.12455	0.0178048	0.505346	-1.97884	0.0115033	0.472905	-2.11459	10.8638	9.65629	0.790092	1
cg25263140	0.0640354	0.677152	-1.47677	0.0693457	0.683474	-1.46311	3.11E-05	4.58276	4.58276	0.241294	1.25829	1.25829	10.8165	6.01055	0.493942	1
cg12448860	0.0547318	0.714228	-1.40011	0.543912	1.09953	1.09953	0.000235092	2.56457	2.56457	0.10048	1.32038	1.32038	10.3039	3.89335	0.335868	1
cg10725227	0.0502251	0.688486	-1.45246	0.0183707	0.619766	-1.61351	0.0897878	0.731462	-1.36712	0.0798863	0.72256	-1.38397	9.64913	4.27276	0.393612	1
cg22261694	0.140791	0.6235	-1.60385	9.96E-05	0.127575	-7.83854	0.0184054	0.426214	-2.34624	0.00444522	0.322481	-3.10096	9.59148	13.5074	1.2518	1
cg22231056	0.461384	1.32982	1.32982	0.479605	0.760952	-1.31414	0.00013203	12.4399	12.4399	0.17386	1.7332	1.7332	9.34497	21.3862	2.03425	1
cg25944720	0.0436014	2.60579	2.60579	0.623645	0.815334	-1.22649	0.000108432	16.7101	16.7101	0.919512	0.959135	-1.04261	9.04737	24.4174	2.39897	1
cg14426428	0.019945	0.140638	-7.11046	0.000647795	0.0259078	-38.5984	0.0175065	0.132753	-7.53278	0.0213469	0.144913	-6.90071	5.98507	46.2206	6.86458	1
cg05873285	0.14287	0.363731	-2.74929	0.0022321	0.0639215	-15.6442	0.36693	1.81348	1.81348	0.0686762	0.270175	-3.70131	4.46374	29.1579	5.80637	1
cg18405900	0.58486	0.829233	-1.20593	0.0427552	0.453097	-2.20703	0.633276	1.17722	1.17722	0.657746	0.859553	-1.1634	3.73982	6.82426	1.62201	1
cg23052020	0.744743	1.08058	1.08058	0.0344083	0.556928	-1.79556	2.05E-06	16.0473	16.0473	0.737431	1.08309	1.08309	19.8298	17.6746	0.792281	1
cg24004139	0.4697	0.905581	-1.10426	0.790514	0.964736	-1.03655	2.97E-06	0.222541	-4.49355	0.0100773	0.645422	-1.54937	29.5498	8.50941	0.255972	1
cg14517454	0.0402558	0.546754	-1.82898	0.000241078	0.212726	-4.70088	0.00124753	0.300761	-3.3249	0.726187	0.914315	-1.09371	9.3994	9.66354	0.913868	1
cg16491530	0.574475	0.833782	-1.19935	0.103002	0.564653	-1.771	0.00292168	0.269774	-3.70681	0.0260223	0.428912	-2.33148	6.04782	9.83485	1.44549	1
cg09279616	0.0587258	0.380755	-2.62636	0.0019812	0.138629	-7.21349	0.00464816	0.182231	-5.48755	0.115254	0.460972	-2.16933	5.34824	17.3238	2.87925	1
cg00387941	0.123605	2.06931	2.06931	0.00555607	4.89598	4.89598	0.78917	0.889714	-1.12396	0.0348353	2.9226	2.9226	3.52583	10.6167	2.67655	1
cg17515347	0.0199375	0.500182	-1.99927	2.68E-06	0.0617161	-16.2032	0.00526509	0.403593	-2.47774	0.061953	0.595515	-1.67922	17.8992	17.2391	0.856112	1
cg00490406	0.47675	0.858081	-1.16539	0.000105937	0.235054	-4.25435	0.0448388	0.614381	-1.62765	0.00392912	0.440017	-2.27264	17.5393	12.4318	0.630042	1
cg07195224	0.00493282	0.29752	-3.36111	0.000329961	0.151453	-6.6027	0.011355	0.356366	-2.80611	0.00100623	0.20411	-4.89932	13.4177	22.521	1.49196	1
cg10636246	0.12749	0.45739	-2.18632	0.000278936	0.0595013	-16.8063	0.00913882	0.207712	-4.81435	0.00221587	0.130676	-7.65249	8.24242	29.4091	3.17157	1
cg17217296	0.889719	1.02376	1.02376	0.00376594	0.515976	-1.93807	0.649114	0.92541	-1.0806	0.00216104	0.482562	-2.07227	6.01659	2.72887	0.403163	1
cg24659501	0.163582	0.764336	-1.30833	0.000599898	2.60383	2.60383	0.739173	1.06226	1.06226	0.0542664	0.673803	-1.48411	5.67606	2.93725	0.459983	1
cg11003133	0.0125054	0.461921	-2.16487	0.477322	0.835598	-1.19675	0.0351083	0.543234	-1.84083	0.00432703	0.387496	-2.58067	5.51677	5.39911	0.869931	1
cg27541604	0.197346	0.772993	-1.29367	0.578737	1.11179	1.11179	0.565324	0.895999	-1.11607	0.0938179	0.706003	-1.41642	12.1821	6.88764	0.502571	1
cg04334499	0.937559	0.992873	-1.00718	0.00308926	1.44725	1.44725	0.0364944	0.80099	-1.24845	0.0472888	0.81285	-1.23024	14.9496	1.97337	0.117335	1
cg09646026	0.108031	0.370795	-2.69691	0.000926883	0.0609211	-16.4147	0.2797	0.529494	-1.88859	0.003411	0.105244	-9.50176	7.67825	38.9283	4.50662	1
cg24015814	0.0116565	2.18543	2.18543	0.0485416	1.74866	1.74866	0.196019	0.712423	-1.40366	0.0116681	0.457649	-2.18508	6.54825	6.37845	0.86584	1
cg17221455	0.0101682	0.683405	-1.46326	0.000330601	0.506244	-1.97533	0.144427	0.831833	-1.20216	0.774157	1.03437	1.03437	7.7383	1.69044	0.194179	1
cg24491749	0.00908948	0.424263	-2.35703	0.000154754	0.187023	-5.34694	0.00998187	0.431047	-2.31993	0.211125	0.711206	-1.40606	12.0224	12.7401	0.941949	1
cg09258022	5.85E-05	0.430567	-2.32252	0.000170699	2.0613	2.0613	0.12354	0.827921	-1.20784	0.00503609	1.52188	1.52188	19.0233	3.86088	0.180404	1
cg07928709	0.755678	0.938459	-1.06558	0.281309	0.796234	-1.25591	0.402303	0.839941	-1.19056	0.0554457	0.642906	-1.55544	4.50197	2.95255	0.582964	1
cg12377483	0.0637769	0.58997	-1.695	0.0508726	1.75638	1.75638	0.378404	1.25715	1.25715	0.100795	1.57639	1.57639	4.02815	4.09089	0.902734	1
cg21052656	0.309609	0.8721	-1.14666	0.000687224	1.96345	1.96345	0.3666	1.12831	1.12831	0.0190283	0.691083	-1.447	24.2506	6.50646	0.23849	1
cg20973735	0.0268487	0.480172	-2.08259	0.000272738	0.188472	-5.30583	0.0579223	1.82167	1.82167	0.0236661	0.469659	-2.1292	11.568	14.3404	1.10192	1
cg25338623	1.64E-05	0.205923	-4.85618	0.0379616	1.53534	1.53534	0.949007	1.01146	1.01146	0.37226	0.849395	-1.17731	11.3497	5.70741	0.446997	1
cg23692589	0.00288542	0.261271	-3.82745	0.0114658	0.354831	-2.81824	0.386496	0.747682	-1.33747	0.253469	0.676618	-1.47794	5.97341	9.02257	1.51046	1
cg03812676	0.00521886	0.357607	-2.79636	0.000555896	0.224321	-4.4579	0.271605	1.3762	1.3762	0.555363	1.18109	1.18109	5.68604	7.01112	1.09604	1
cg15286618	0.00243501	0.104661	-9.55462	0.0640385	0.341674	-2.92677	0.203759	0.503976	-1.98422	0.184431	0.486884	-2.05388	5.54541	22.067	3.09502	1
cg21747271	0.0664815	1.54433	1.54433	0.276672	1.26989	1.26989	0.538622	1.1405	1.1405	0.0622095	0.641905	-1.55786	4.4833	3.16635	0.627781	1
cg12294403	0.979238	1.00636	1.00636	0.0672321	1.64794	1.64794	0.187789	0.711799	-1.40489	0.294614	1.30309	1.30309	3.45482	3.24567	0.835076	1
cg19719550	0.543509	1.12761	1.12761	0.0179046	1.75415	1.75415	0.168495	0.750819	-1.33188	0.449873	0.860379	-1.16228	10.689	6.45748	0.537	1
cg26700077	0.536162	0.90708	-1.10244	0.1769	0.799749	-1.25039	0.469125	0.891671	-1.12149	0.009155	1.67413	1.67413	7.34503	2.81934	0.341194	1
cg05890279	0.469567	1.25678	1.25678	0.263306	0.696108	-1.43656	0.16891	0.634242	-1.57669	0.0532399	0.505512	-1.97819	5.81723	8.89033	1.35847	1
cg13107870	0.258825	0.852117	-1.17355	0.0341648	1.399	1.399	0.456134	1.1086	1.1086	0.439264	0.898387	-1.11311	4.39728	1.28504	0.259765	1
cg02482001	0.00127777	1.92525	1.92525	0.0514624	0.734037	-1.36233	0.00221028	1.81879	1.81879	0.336039	0.870806	-1.14836	15.8934	4.89533	0.273786	1
cg11923631	2.03E-05	0.132626	-7.53997	0.0482708	0.619519	-1.61415	0.0321056	1.70706	1.70706	4.31E-05	6.05632	6.05632	33.3031	22.2833	0.520416	1
cg08089567	0.0261031	0.488483	-2.04716	0.00748924	0.392851	-2.5455	0.358402	1.29216	1.29216	0.00023246	5.2466	5.2466	13.3485	15.5724	1.03698	1
cg18689454	0.00190707	0.253101	-3.95099	0.480684	0.799329	-1.25105	0.0672119	1.89821	1.89821	0.0001842	7.20323	7.20323	12.8937	19.9367	1.37443	1
cg09510531	0.000964476	0.370568	-2.69856	0.0763434	0.671467	-1.48928	0.30629	1.23857	1.23857	0.000139738	3.7761	3.7761	11.7763	7.61032	0.574436	1
cg27251412	0.00100198	0.32561	-3.07116	0.10817	0.668575	-1.49572	0.43895	1.19882	1.19882	0.000147902	4.47552	4.47552	11.561	9.66152	0.742846	1
cg16717549	0.00282334	0.262772	-3.80558	0.367	0.739991	-1.35137	0.0712662	1.92443	1.92443	0.000347212	6.48557	6.48557	11.3569	18.9901	1.48633	1
cg16501323	0.108967	0.699189	-1.43023	0.454089	1.16895	1.16895	0.153126	1.36775	1.36775	0.000162815	3.7324	3.7324	10.8139	7.17697	0.58994	1
cg17356252	0.122242	0.541174	-1.84784	0.599891	1.21415	1.21415	0.121397	1.85084	1.85084	0.000439955	7.65446	7.65446	7.0397	14.9841	1.89201	1
cg12843033	0.100309	0.631732	-1.58295	0.0471918	1.78485	1.78485	0.383206	0.796033	-1.25623	0.00182302	3.09644	3.09644	5.96647	6.14965	0.916179	1
cg18876487	0.830911	1.03836	1.03836	0.891049	1.02442	1.02442	0.0935453	0.72274	-1.38362	0.0143366	1.70153	1.70153	3.73558	1.83371	0.436334	1
cg19450046	0.119584	0.47226	-2.11748	0.000289053	0.0723058	-13.8301	0.143641	0.497593	-2.00968	0.0428741	0.355143	-2.81576	10.6657	33.3308	2.77783	1
cg24755104	0.00365568	0.34253	-2.91945	0.228462	0.708562	-1.41131	0.0348064	0.511431	-1.9553	0.010381	0.41488	-2.41034	9.10447	10.7122	1.04585	1
cg01351072	0.0607276	0.617557	-1.61928	0.0499805	0.600756	-1.66457	0.322628	0.79223	-1.26226	0.0703899	0.630632	-1.58571	6.76584	5.56855	0.73159	1
cg21616420	0.0313249	1.80047	1.80047	0.152395	0.699847	-1.42888	0.0984591	0.655806	-1.52484	0.2272	0.744416	-1.34334	4.90947	4.21449	0.763059	1
cg25872982	0.0761571	1.53282	1.53282	0.582673	1.12763	1.12763	0.618535	0.897043	-1.11477	0.340816	0.808586	-1.23673	4.42368	3.28231	0.659544	1
cg00495713	0.905789	0.983526	-1.01675	0.482088	1.10544	1.10544	0.00190162	1.85379	1.85379	0.530101	1.09334	1.09334	4.14598	1.2925	0.27711	1
cg21438602	0.64456	0.801538	-1.2476	0.00234993	0.13246	-7.54944	0.639884	1.25157	1.25157	0.233764	0.551854	-1.81207	3.82479	13.7373	3.19258	1
cg25783241	0.320749	0.863591	-1.15796	0.0118178	1.56735	1.56735	0.610786	0.929253	-1.07613	0.0201681	0.669944	-1.49266	3.75858	1.21646	0.287688	1
cg04878385	0.0873859	0.554423	-1.80368	0.0143527	0.389301	-2.5687	0.0464628	0.490272	-2.03968	0.0869233	0.553847	-1.80555	6.14602	9.50848	1.3752	1
cg25552937	0.865614	0.956933	-1.04501	0.456877	0.82125	-1.21766	0.657645	1.12291	1.12291	0.00623911	0.395951	-2.52557	7.1745	7.67561	0.950974	1
cg15549700	9.10E-05	0.215473	-4.64095	0.306478	0.792672	-1.26156	0.812443	1.05355	1.05355	0.00377547	0.424137	-2.35773	20.835	15.8917	0.677994	1
cg12665669	0.264006	1.15265	1.15265	0.00629727	0.647794	-1.5437	0.00918632	0.667914	-1.4972	0.00850836	0.663817	-1.50644	17.0966	4.03124	0.209593	1
cg18395150	0.0964714	0.572352	-1.74718	0.00102763	0.225937	-4.42601	0.107062	0.583982	-1.71238	0.0394978	0.482799	-2.07126	7.36658	10.907	1.3161	1
cg14218042	0.0816217	1.41853	1.41853	0.58287	0.904405	-1.1057	0.483158	1.13781	1.13781	0.201505	1.27679	1.27679	5.5418	2.88036	0.462001	1
cg16563230	0.0868935	0.617749	-1.61878	0.0101091	0.437488	-2.28577	0.0146085	2.15133	2.15133	0.290272	0.756082	-1.32261	4.91481	5.05185	0.913673	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg02482718	AJAP1;AJAP1	0.0203711	0.41767	1.28728	1.28728	0.00916239	0.364562	-2.74301
cg17741689	AJAP1;AJAP1	0.0277163	0.250652	1.13896	1.13896	0.00466762	0.665149	-1.50342
cg13480658	AJAP1;AJAP1	0.0405558	0.212928	3.25635	3.25635	0.00275221	41.1936	41.1936
cg13503382	AJAP1;AJAP1	0.0418804	0.693665	1.09736	1.09736	0.173601	0.711927	-1.40464
cg02837536	AJAP1;AJAP1	0.0431079	0.0516833	9.45316	9.45316	0.0246977	15.074	15.074
cg26231761	AJAP1;AJAP1	0.0444625	0.0409752	0.555201	-1.80115	0.155484	1.46108	1.46108
cg11735846	AJAP1;AJAP1	0.0464125	0.260717	1.58041	1.58041	0.133546	1.88022	1.88022
cg13615030	AK1	0.00482001	0.282222	1.22536	1.22536	0.70828	0.933925	-1.07075
cg11714502	AK1	0.0102291	0.00794809	2.58997	2.58997	0.538279	0.84009	-1.19035
cg14578146	AK1	0.0106634	0.0165625	0.427874	-2.33714	0.119739	0.612868	-1.63167
cg13888445	AK1	0.0133223	0.549199	1.14227	1.14227	0.849823	0.95925	-1.04248
cg11254053	AK2;AK2	0.000656595	0.985024	1.00504	1.00504	0.223679	1.40814	1.40814
cg18348578	AK2;AK2	0.00205177	0.0290059	0.676051	-1.47918	0.000418828	0.427085	-2.34145
cg05117633	AK2;AK2	0.00688092	0.00137351	0.0679415	-14.7185	0.232183	2.06637	2.06637
cg16484018	AK2;AK2	0.0384792	0.0718009	1.68949	1.68949	0.17114	1.46255	1.46255
cg06394897	AK2;AK2;AK2;AK2	0.000123281	1.51E-06	0.0422678	-23.6587	0.842769	1.05296	1.05296
cg13993274	AK3	0.00281488	0.0866917	1.61934	1.61934	0.00734022	2.4118	2.4118
cg11725802	AK3	0.00712427	0.489776	0.91519	-1.09267	0.749781	1.04125	1.04125
cg01357956	AK3	0.00859753	0.0321868	0.585591	-1.70768	0.134733	0.708964	-1.41051
cg14288486	AK3	0.0148253	0.00213351	0.192494	-5.19498	0.464319	1.32895	1.32895
cg20632208	AK5;AK5	0.00350114	0.277349	1.14387	1.14387	0.000369307	1.97047	1.97047
cg21785245	AK5;AK5	0.00715422	0.0613676	0.404108	-2.47459	0.783928	0.888559	-1.12542
cg20159871	AK5;AK5	0.0156554	0.24775	0.680732	-1.46901	0.0520248	2.02078	2.02078
cg23241335	AK5;AK5	0.0181728	0.977984	0.982524	-1.01779	0.415523	1.70181	1.70181
cg18392187	AK5;AK5	0.0457361	0.00498134	0.577709	-1.73098	0.693542	0.943217	-1.0602
cg04867733	AK5;AK5;AK5	0.0144572	0.206704	2.22704	2.22704	0.683566	1.27397	1.27397
cg27175634	AK5;AK5;AK5	0.043686	0.0478767	1.85572	1.85572	0.160311	1.5068	1.5068
cg21117728	AK7	1.17E-05	0.329855	1.15722	1.15722	0.389012	0.879681	-1.13678
cg18158043	AK7	2.14E-05	0.368085	0.867017	-1.15338	1.72E-06	6.3434	6.3434
cg09791182	AK7	0.000140408	0.00740578	1.50249	1.50249	3.53E-05	0.389755	-2.56571
cg21095811	AK7	0.00237165	0.00446288	0.343563	-2.91067	0.0392611	1.95804	1.95804
cg01987536	AK7	0.00580346	0.0555027	1.9344	1.9344	0.106888	1.7077	1.7077
cg10454568	AK7	0.00945248	0.0186675	0.606361	-1.64918	0.176415	1.28684	1.28684
cg10787120	AK7	0.0126498	0.889657	1.01423	1.01423	0.487169	1.07451	1.07451
cg04212996	AK7	0.016158	0.00908581	0.61385	-1.62906	0.373776	1.14386	1.14386
cg23201883	AK7	0.0263492	0.693404	1.09821	1.09821	0.0925853	1.54897	1.54897
cg19321658	AKAP1	0.00165235	0.00294117	0.735958	-1.35877	0.626576	0.963861	-1.03749
cg10714403	AKAP1	0.00208033	0.0627858	0.745604	-1.34119	0.861943	1.02471	1.02471
ch.17.1457304F	AKAP1	0.00494379	0.00374232	0.299646	-3.33727	0.000866221	0.214592	-4.66
cg25182165	AKAP1	0.0137094	0.0483484	0.407584	-2.45348	0.0288168	0.358575	-2.78882
cg06483820	AKAP1	0.0215414	0.960084	1.0153	1.0153	0.340002	1.34773	1.34773
cg05778424	AKAP1	0.0396302	0.0261531	0.190063	-5.26142	0.0166065	0.158691	-6.30157
cg08034643	AKAP1	0.0470639	0.560536	1.49943	1.49943	0.772753	1.22054	1.22054
cg11630242	AKAP10	4.99E-05	0.374194	0.841365	-1.18854	0.000542046	2.76856	2.76856
cg20035980	AKAP10	0.000167954	0.0493315	0.570596	-1.75255	0.000751611	0.27847	-3.59105
cg25907965	AKAP10	0.000255222	0.622115	1.1095	1.1095	0.0176578	0.546787	-1.82887
cg06292146	AKAP10	0.000734283	0.439721	0.829441	-1.20563	0.14897	0.692615	-1.4438
cg16611584	AKAP10	0.00347664	0.744634	0.887572	-1.12667	0.129005	0.549573	-1.81959
cg26401236	AKAP10	0.0062371	0.0981294	1.25845	1.25845	0.00972051	1.51349	1.51349
cg12065943	AKAP10	0.0236574	0.173589	1.54405	1.54405	0.0115999	2.57751	2.57751
cg01934962	AKAP10;AKAP10	0.0176944	0.0346453	0.699625	-1.42934	0.247285	1.19177	1.19177
cg12578287	AKAP11	0.000786392	0.00932785	0.631355	-1.58389	0.0373696	0.713967	-1.40063
cg23990682	AKAP11	0.00261841	0.0173496	0.685756	-1.45824	0.904226	0.98445	-1.0158
cg17921034	AKAP11	0.00466376	0.0929674	0.747367	-1.33803	0.502196	0.898256	-1.11327
cg23261171	AKAP11	0.00508959	0.0086544	0.288504	-3.46616	0.134182	0.548876	-1.8219
ch.13.531804F	AKAP11	0.00965315	0.00240175	0.426518	-2.34457	0.239371	0.780168	-1.28178
cg09923656	AKAP11	0.0267655	0.921095	0.974553	-1.02611	0.578666	1.15713	1.15713
cg12061236	AKAP12	0.000453608	0.00151601	0.285681	-3.50041	0.0650468	1.76507	1.76507
cg19038690	AKAP12	0.000456589	0.233887	0.857427	-1.16628	0.0496572	0.758806	-1.31786
cg10270306	AKAP12	0.000509971	0.00381901	0.431514	-2.31742	0.116905	1.44346	1.44346
cg27045481	AKAP12	0.000577228	0.138562	0.816298	-1.22504	0.794923	1.03371	1.03371
cg20068535	AKAP12	0.000704626	0.00202176	0.251799	-3.97142	0.030066	2.2436	2.2436
cg17520539	AKAP12	0.000746869	0.00270425	0.301896	-3.3124	0.0142683	2.39526	2.39526
cg22942200	AKAP12	0.00169185	0.00277523	0.331293	-3.01847	0.10814	1.59904	1.59904
cg03651715	AKAP12	0.00188238	0.00364008	0.671071	-1.49016	0.579553	0.944834	-1.05839
cg13033898	AKAP12	0.00377799	0.00504514	0.32757	-3.05278	0.0128572	2.53368	2.53368
cg11348249	AKAP12	0.00751806	0.0408498	0.354379	-2.82184	0.0381149	2.87576	2.87576
cg10414242	AKAP12	0.0414339	0.883358	0.908689	-1.10049	0.133406	2.91036	2.91036
cg20568219	AKAP12;AKAP12	0.000237387	0.506142	0.886204	-1.12841	7.68E-05	3.60788	3.60788
cg04516896	AKAP12;AKAP12	0.000907356	0.44956	0.952484	-1.04989	0.00347368	1.2848	1.2848
cg04221606	AKAP12;AKAP12	0.00178094	0.749709	0.918536	-1.08869	0.353058	1.28877	1.28877
cg26390965	AKAP12;AKAP12	0.00514787	0.0279731	0.755484	-1.32365	0.0269724	1.32692	1.32692
cg18245460	AKAP12;AKAP12	0.00626703	0.104419	0.55088	-1.81528	0.595523	1.19718	1.19718
cg21047322	AKAP12;AKAP12	0.0091418	0.392723	0.784366	-1.27491	0.00206162	0.300013	-3.33319
cg13500720	AKAP12;AKAP12	0.00915642	0.00949103	0.369638	-2.70535	0.0987891	0.578019	-1.73005
cg24748868	AKAP12;AKAP12	0.0112794	0.0805838	0.353337	-2.83016	0.000610766	0.0587658	-17.0167
cg16198990	AKAP12;AKAP12	0.0125254	0.0518179	0.485125	-2.06132	0.0214326	2.46796	2.46796
cg27583671	AKAP12;AKAP12	0.0251562	0.317276	0.819952	-1.21958	0.361133	1.19753	1.19753
cg14219620	AKAP12;AKAP12	0.0282897	0.0365238	0.517709	-1.93159	0.0346567	1.94875	1.94875
cg24121503	AKAP12;AKAP12	0.0325137	0.0239584	0.388869	-2.57156	0.0993937	0.530816	-1.88389
cg06019170	AKAP12;AKAP12;AKAP12	0.000968785	0.0724102	0.608621	-1.64306	0.16908	1.43749	1.43749
cg12794224	AKAP12;AKAP12;AKAP12	0.0396141	0.139585	0.343462	-2.91153	0.318407	0.499971	-2.00011
cg10389371	AKAP13;AKAP13	0.000665142	0.379554	0.790234	-1.26545	0.00520411	0.381741	-2.61958
cg07350262	AKAP13;AKAP13	0.000991368	0.139766	0.740384	-1.35065	0.00115029	0.405017	-2.46903
cg21077902	AKAP13;AKAP13	0.00203657	0.68622	1.05218	1.05218	5.14E-05	0.38701	-2.58391
cg12412575	AKAP13;AKAP13	0.00221013	0.24737	0.682268	-1.4657	0.0417815	2.09969	2.09969

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	
cg09885192	AKAP6	0.0164529	0.162723	1.73463	1.73463	2.219841	1.61091	1.61091	0.0343596	2.48071	2.48071	2.222201	1.6066	1.6066	1.6066	0.0154331	0.333416	2.99926	0.0634129	2.16287	2.16287	0.0146635	1.03573	1.03573	0.00557678	1.8396	1.8396	0.575687	1.23242	1.23242	5.02407	10.8677	1.92278	1
cg09246570	AKAP6	0.0246631	0.15775	0.659289	-1.51679	0.6601002	0.566325	-1.76577	0.372778	1.28706	1.28706	0.185154	1.47315	1.47315	0.369351	0.761061	1.31395	0.0829402	1.69811	1.69811	0.00620045	0.373752	-2.67557	0.109713	1.61756	1.61756	0.058966	0.555337	-1.80071	4.37782	5.27409	1.07087	1
cg16235995	AKAP6	0.0342727	0.0715762	2.42253	2.42253	2.260135	1.67624	1.67624	0.0240018	3.26763	3.26763	0.0294481	3.08868	3.08868	0.348863	0.654343	-1.52825	0.0903729	2.27197	2.27197	0.00441861	5.31673	5.31673	0.0382993	2.8741	2.8741	0.355506	1.51889	1.51889	3.89659	11.9353	2.72268	1
cg02248514	AKAP6	0.0394166	0.0908841	2.66158	-1.51199	0.4306697	0.816481	-1.19547	0.382959	0.8198882	-1.21969	0.378802	1.22192	1.22192	0.889978	0.9607741	-1.0312	0.0299055	1.76311	1.76311	0.210353	1.34043	1.34043	0.00437843	2.32738	2.32738	0.443686	0.840846	-1.18928	3.7031	2.88968	0.693635	1
cg24801937	AKAP7	0.02334	0.0115647	1.51238	1.51238	0.102346	0.745763	-1.34091	0.0222801	0.637953	-1.56751	0.0488603	1.44644	1.44644	0.833268	1.0352	1.0352	0.816984	0.962675	-1.03877	0.0258869	1.54346	1.54346	0.132503	1.30522	1.30522	0.136524	0.768577	-1.30111	4.46221	1.90292	0.379068	1
cg25862117	AKAP7	0.0238257	0.046184	0.549576	-1.81898	0.1463402	0.664554	-1.50477	0.0128625	0.445109	-2.24664	0.607558	1.34539	1.34539	0.00163713	0.306686	3.26066	0.788385	0.93193	-1.07304	0.254349	1.36407	1.36407	0.818866	0.941662	-1.06195	0.196981	0.699468	-1.42966	4.43056	4.81847	0.960715	1
cg12210836	AKAP7	0.0452849	0.11925	0.571197	-1.75071	0.129283	0.58105	-1.72102	0.0268847	0.425347	-2.35102	0.958053	1.01757	1.01757	0.089672	0.53809	-1.85843	0.0816759	0.527753	-1.89483	0.0136011	0.363764	-2.74904	0.212483	1.54491	1.54491	0.0233372	0.407514	-2.4539	3.5172	6.11573	1.54459	1
cg12700074	AKAP7;AKAP7;AKAP7	0.0157932	0.0205673	0.52464	-1.90582	0.0108631	0.319137	-1.33145	0.160066	0.592602	-1.68748	0.0800262	0.681582	-1.46178	0.0816575	0.502043	-1.99186	0.0260263	0.369552	2.70625	0.00150972	0.215131	-6.64876	0.0149864	0.415859	-2.40466	0.0845249	0.505643	-1.97768	5.32585	10.7572	1.79539	1
cg05915981	AKAP7;AKAP7;AKAP7;AKAP7;AKAP7	0.00205328	0.0114453	0.523401	-1.91058	0.0093170882	0.272435	-3.67059	0.00685082	0.249693	-4.02172	0.0074993	0.257101	-3.88907	0.0013564	0.257201	-3.88907	0.19729	0.756649	-1.32162	0.0041636	0.388661	-2.57293	0.0155721	0.544083	-2.26266	0.00669336	0.486917	-2.05374	5.56828	6.34332	0.589292	1
cg15708604	AKAP8	0.00019329	0.00023557	0.593881	-1.68384	0.00331631	0.711989	-1.40452	0.70977	0.968745	-1.03226	0.00535472	0.732304	-1.36555	0.627843	1.04237	1.04237	0.0988598	0.857522	-1.16615	7.95E-06	0.435836	-2.29444	0.347994	1.08554	1.08554	0.140532	1.14416	1.14416	18.5418	2.11878	0.101573	1
cg13775627	AKAP8	0.0794356	0.133631	1.394	1.394	0.0073797	0.124284	2.129424	0.0242504	1.757388	1.57545	1.57545	0.0244822	0.9683503	-1.03299	0.387929	0.971471	1.29037	0.0018452	2.403395	2.403395	0.0001816	1.9223	1.9223	0.370584	1.49977	1.49977	0.0119447	1.07077	1.07077	0.883797	1.03948	0.83581	0.424516	0.593472	1
cg23449767	AKAP8	0.0092067	0.955373	1.01019	1.01019	0.132219	0.754521	-1.36226	0.184207	0.774752	-1.29074	0.342395	1.19391	1.19391	0.277001	0.812416	-1.2309	0.0016126	0.44077	-2.26876	0.00143525	0.43384	-2.305	0.316599	1.20633	1.20633	0.0234758	0.612417	-1.63287	6.06845	3.15496	0.462129	1
cg00772940	AKAP8	0.0517762	0.0545265	0.729377	-1.36994	0.0268612	0.523183	-1.91005	0.210901	0.14402	2.18402	?	?	?	?	?	?	0.537266	1.44275	1.44275	0.00439128	0.095122	-10.4699	0.00405539	0.0029334	-10.8071	0.00548091	3.64854	3.64854	5.45625	30.7478	4.26717	1
cg07866762	AKAP8	0.0060756	0.0320517	-3.11996	0.00686612	0.323183	-3.09422	0.0257932	0.523904	-1.90875	0.143452	0.602118	-1.6608	0.01752	0.393426	2.54177	2.54177	0.00228472	0.252503	-3.96035	0.0115805	0.361093	-2.76937	0.929841	1.02882	1.02882	0.109548	0.569515	-1.75588	5.57663	9.19636	1.46586	1
cg03656623	AKAP8	0.0263671	0.220804	0.755491	-1.32364	0.0543049	0.621455	-1.60913	0.0110465	2.02231	2.00231	0.109103	1.46316	1.46316	0.0315494	0.98148	-1.0187	0.585185	0.885822	-1.1289	0.0375494	0.599193	-2.69151	0.243571	0.766606	-1.30445	0.0835735	1.51767	1.51767	4.27706	3.21422	0.668002	1
cg23215522	AKAP8	0.0132796	0.913722	-1.09737	0.0160246	0.0544206	0.204561	-2.48295	0.883782	0.881839	-1.13387	0.0524482	0.959146	-1.04239	0.00773853	0.029747	-34.7863	?	?	?	?	0.444291	1.06065	1.06065	0.0841675	1.15518	1.15518	59.6804	4.7889	0.0802424	1
cg00022594	AKAP8L	0.00147834	0.0256523	1.30765	1.30765	0.000233388	1.85458	1.85458	0.324568	1.10843	1.10843	0.194222	1.1491	1.1491	8.14E-06	0.372954	-2.6813	0.199706	0.871886	-1.14694	0.48602	1.07426	1.07426	0.0309098	1.29231	1.29231	0.329328	0.903146	-1.10724	19.9349	3.2329	0.144153	1
cg13640414	AKAP8L	0.00071118	0.0167742	0.390968	-2.55976	0.015852	0.149757	-2.86142	0.0064373	0.197155	-5.07957	0.0064394	1.97155	1.97155	0.00543284	1.53786	1.53786	0.0243144	0.57073	-1.75214	0.00543284	0.305248	3.27503	0.0053487	0.880509	-1.13633	0.24807	0.777021	-1.28697	12.9636	8.9555	0.614535	1
cg20222376	AKAP8L	0.00888804	0.0543473	0.454018	-2.20255	0.049466	2.2496	2.2496	0.134943	1.79112	1.79112	0.258346	0.65276	-1.53196	0.00304216	0.230298	4.3422	0.147519	0.570042	-1.75426	0.0254478	0.382707	-2.61297	0.014779	0.333794	-2.9591	0.0177074	0.352322	-2.83382	6.1945	12.7082	1.84141	1
cg04028591	AKAP8L	0.0128237	0.820214	1.04256	-1.02864	0.0258094	1.3596	1.3596	0.0338302	1.24508	1.24508	0.0242364	0.7703	0.7703	0.163788	1.29506	1.29506	0.0384678	0.825355	-1.21134	0.0242364	0.898602	-1.11605	0.0398969	0.716825	1.16825	1.16825	0.0194357	1.14873	1.14873	5.95353	0.82997	0.139484	1
cg17011590	AKAP8L	0.0347089	0.0771327	-2.710916	-1.40664	0.00309145	0.495147	-2.0196	0.9267	0.984152	-1.0161	0.855189	1.03223	1.03223	0.664675	0.927079	1.07866	0.405542	1.862655	-1.15921	0.249479	0.811428	-1.23239	0.324228	1.19333	1.19333	0.0253454	1.58646	1.58646	3.87883	1.85162	0.424324	1
cg07600858	AKAP8L	0.0415152	0.558753	1.12011	1.12011	0.05534515	0.021153	2.02153	0.0447733	2.06905	2.06905	0.241027	1.25647	1.25647	0.498334	1.14095	1.14095	0.204049	0.773266	-1.29122	0.260777	1.25231	1.25231	0.948292	1.01252	1.01252	0.693306	1.099	1.079	1.63292	2.11729	0.518051	1
cg24773124	AKAP8L	0.00452005	0.115421	1.33763	1.33763	0.0238455	1.19697	1.49407	0.0155377	1.58514	1.58514	0.0966128	1.38514	1.38514	0.0945246	1.07037	0.0027234	0.0045259	1.07037	0.0027234	0.00472125	0.0278854	-1.58652	0.282602	0.810236	-1.23265	0.339662	0.857273	-1.16649	3.92669	1.81778	0.344124	1
cg10225149	AKAP8L;AKAP8	0.00280055	0.00728157	0.513284	-1.94824	0.080785	0.688592	-1.45224	0.00652771	0.506115	-1.97584	0.442584	1.16282	1.16282	0.00254157	0.446184	-2.24123	0.514605	1.13579	1.13579	0.00497976	0.350033	-2.85687	0.186353	1.30988	1.30988	0.029278	0.609688	-1.64018	8.73446	5.13584	0.522664	1
cg00502607	AKAP9;AKAP13	0.00607045	0.424487	1.3595	1.0595	0.0488857	0.825589	-1.15126	0.0746298	1.53289	-1.03051	0.0777451	1.34013	1.34013	0.0652383	1.28021	1.28021	0.0030404	1.13341	1.13341	0.638729	0.909155	1.07912	0.0152306	1.11354	1.11354	0.0990116	1.18448	1.18448	13.5185	1.04132	0.0769049	1
cg03094728	AKAP9;AKAP9	0.00249119	0.0812256	0.644775	-1.55093	0.258053	0.764952	-1.30727	0.0226754	0.661703	-1.51162	0.0496394	0.975392	-1.02523	9.99E-05	0.208686	-4.79188	0.0796022	0.642929	-1.55538	0.00414357	0.417838	-2.39327	0.212442	0.74218	-1.34738	0.00127862	0.344272	2.90648	0.0143	1.38098	0.725645	1
cg16683876	AKAP9;AKAP9	0.007097	0.0512723	0.653813	-1.52949	0.00835005	1.90659	1.90659	0.0164019	1.75345	1.75345	0.745702	0.939598	-1.06428	0.203813	0.773537	-1.29276	0.1128771	0.718638	-1.39152	0.00201614	0.434275	-2.30269	0.354747	1.19994	1.19994	0.425174	1.16873	1.16873	6.58678	3.82398	0.516048	1
cg23410068	AKD1	0.00493345	0.0094013	0.190417	-5.25179	0.0045826	0.737977	-2.86142	0.0064373	0.197155	-5.07957	0.0064394	1.97155	1.97155	0.00543284	1.53786	1.53786	0.0687834	0.537745	-1.85962	0.00134416	0.189857	-4.46549	0.0149857	0.415859	-2.40466	0.0845249	0.505643	-1.97768	5.32585	10.7572	1.79539	1
cg11749264	AKD1	0.00630186	0.36994	0.805906	-1.24084	0.00853287	0.308992	-3.23633	0.0127662	0.484296	-2.06485	0.0962775	1.5342	1.5342	0.00204203	0.360756	-2.77195	0.1658373	0.707291	-1.41384	0.05254	0.596068	-1.67766	0.620319	0.889552	-1.12436	0.0551778	0.60181	-1.66442	6.83464	5.94551	0.773251	1
cg02525975	AKD1	0.0162673	0.0628396	0.615413	-1.62466	0.0258094	1.3596	1.3596	0.0338302	1.24508	1.24508	0.0242364	0.7703	0.7703	0.163788	1.29506	1.29506	0.0384678	0.825355	-1.21134	0.0242364	0.898602	-1.11605	0.0398969	0.716825	1.16825	1.16825	0.0194357	1.14873	1.14873	5.95353	0.82997	0.139484	1
cg26525463	AKD1	0.0229795	0.820759	1.11416	1.11416	0.0218067	0.269476	-3.71091	0.0108045	0.217591	-4.59577	0.441196	0.687898	-1.4537	0.0128147	0.229346	4.36023	0.706947	0.835346	-1.19711	0.00418152	0.160743	-6.22109	0.906429	1.05761	1.05761	0.0417056	0.326829	-3.0597	4.48624	16.1221	3.19438	1
cg02000408	AKD1	0.0432614	0.680111	1.12632	1.12632	0.856429	0.949318	-1.05339	0.85724	0.949648	-1.05302	0.657149	0.879707	-1.13674	0.00072707	0.228947	4.36782	0.574154	1.78131	1.78131	0.382673	0.773478	-1.29286	0.424828	1.26344	1.26344	0.55488	0.84252	-1.18692	5.57771	4.66436	1.15887	1
cg00952056	AKD1;AKD1	7.68E-05	0.0001561	0.457537	-2.18564	0.0258094	1.3596	1.3596	0.0338302	1.24508	1.24508	0.0242364	0.7703	0.7703	0.163788	1.29506	1.29506	0.0384678	0.825355	-1.21134	0.0242364	0.898602	-1.11605	0.0398969	0.716825	1.16825	1.16825	0.0194357	1.14873	1.14873	5.95353	0.82997	0.139484	1
cg17882033	AKD1;AKD1	0.00238812	0.102668	0.840324	-1.19002	0.547037	0.942358	-1.06117	0.0892996	0.833161	-1.20025	0.0492896	0.803635	-1.24435	4.95E-05	0.475972	-2.10096	0.1130135	0.845328	-1.18297	0.139748	1.16743	1.16743	0.0239948	0.769263	-1.29995	0.0156022	0.749115	-1.33491	9.15444	1.37607	0.133615	1
cg19948183	AKD1;AKD1	0.0078583	0.36592	0.80607	-1.24035	0.0650784	0.1064	0.902259	-1.10828	0.316659	1.01659	0.401634	0.891896	-1.12121	0.0001852	0.698111	0.5936	0.1309473	0.660655	-1.51382	0.00061961	0.0127502	3.30965	0.0043485	0.41263	-2.42353	0.0011353	0.419357	1.19075	2.62329	1
cg03168255	AKD1;AKD1;FIG4	0.00019899	0.560609	0.968355	-1.03268	0.0423649	0.880061	-1.13628	0.2172728	0.930792	-1.07435	0.00255926	1.25685	1.25685	0.0203887	1.16503	1.16503	2.43E-05	5.8833	5.8833	0.000466864	0.740235	-1.35076	0.053834	0.887245	-1.12708	0.133026	0.92601	-1.08037	8.37733	0.869028	0.2420421	1
cg07877852	AKD1;AKD1;FIG4;FIG4	0.00259078	0.051061	1.47296	1.47296	0.963061	1.0081	1.0081	0.865022	0.970783	-1.0301	0.244301	1.23651	1.23651	0.195057	1.26982	1.26982	0.0711767	1.42088	1.42088	0.76E-05	0.280425	-3.56602	0.198712	1.26708	1.26708	0.414618	1.15643	1.15643	8.93764	4.29984	0.427639	1
cg15847400	AKD1;FIG4;AKD1	0.00388232	0.0183463	0.5	-2.00001	0.0196274	0.312864	-3.19628	0.0517417	0.663079	-1.50812	0.0099573	0.546572	-1.82959	0.00403902	0.490981	-2.03674	0.0180144	0.539705	-1.85303	0.00439961	0.0127502	3.30965	0.0043485	0.41263	-2.42353	0.0011353	0.419357	1.19075	2.62329	1
cg03767567	AKD1;FIG4;AKD1	0.00689646	0.0618934	0.718891	-1.39103	0.0381841	0.587418	-1.70237	0.0404773	2.35204	2.35204	0.167966	0.793999	-1.25945	0.840955	0.968552	1.03204	0.147293	2.7648	2.7648	0.880343	1.02393	0.992887	1.0014	1.0014	0.553974	0.910305	-1.09853	6.64591	2.59376	0.346914	1
cg06337230	AKD1;FIG4;AKD1	0.00854432	0.0306077	1.17374	1.17374	0.0221787	0.0771	2.07471	0.0156439	1.39589	1.39589	0.0466128	1.38514	1.38514	0.0966128	1.07037	0.0027234	0.0045259	1.07037	0.0027234	0.00472125	0.0278854	0.617731	1.10751	1.10751	0.0405638	1.62055	1.62055	0.0298837	1.67925	1.67925	0.154688	1
cg03909712	AKD1;FIG4;AKD1	0.0124803	0.864406	0.963271	-1.03813	0.0262623	0.78089	-1.78089	0.020681	1.84043	1.84043	0.292514	0.787342	-1.2701	0.00778667	0.473292	-2.11286	0.4686039	1.850918	-1.1752	0.0170979	0.529202	-1.88964	0.435464	1.19029	1.19029	0.05697	1.60254	1.60254	5.50286	4.17746	0.674793	1
cg03453125	AKD1;FIG4;AKD1	0.0107343	0.536218	1.55828	1.55828	0.0248857	0.721153	-1.38675	0.0123758	0.518107	-1.93001	0.840492	0.94648	-1.05655	0.0001852	0.698111	0.5936	0.0090659	1.63025	1.63025	0.00356256	0.0127502	3.30965	0.0043485	0.41263	-2.42353	0.0011353	0.419357	1.19075	2.62329	1
cg02926008	AKD1;FIG4;AKD1;FIG4	0.0348458	0.573873	0.894045	-1.11851	0.0183036	0.568696	-1.75841	0.0102748	0.475224	-2.10456	0.0444242	1.16734	1.16734	0.0347008	0.792433	-1.26194	0.0169444	0.563239	-1.77548	0.0350645	0.478448	2.09407	0.0141443	0.508991	-1.96455	0.0289372	0.455978	0.65679	-1.52256	7.60942	6.6822	0.540947	1
cg16314441	AKIRIN1;AKIRIN1	7.12E-05	0.996474	1.00065	1.00065	0.0169077	0.652093	-1.53141	0.00985415	0.620596	-1.61135	0.000824834	0.47863	-2.0893	6.09E-05	0.338693	-2.95253	2.75E-06	0.192733	-5.18852	0.000477873	0.448491	-2.2297	0.964026	1.00662	1.00662	0.462504	0.896379	-1.1156	24.2362	8.21159	0.301169	1
cg16314441	AKIRIN1;AKIRIN1	2.01E-05	0.0001716	0.453008	-2.20779	0.0074256	0.193555	-5.16455	0.0045	0.189777	-5.27009	0.0040898	0.166372	-6.00883	0.00083424	0.232991	-4.29188	0.0068734	0.537745	-1.85962	0.00134416	0.189857	-4.46549	0.0149857	0.415859	-2.40466	0.0845249	0.505643	-1.97768	5.32585	10.7572	1.79539	1
cg11741421	AKIRIN1;AKIRIN1	0.0941906	1.008	1.008	1.008	0.0794339	2.12984	2.12984	0.0901113	1.22641	1.22641	?	?	?	?	0.191248	1.16321	1.16321	0.0863442	1.23	1.23	0.155148	0.845488	-1.18275	0.000155496	0.49279	-2.02926	0.269768	1.13379	1.13379	8.56548	1.43954	0.168063	1
cg01443504	AKIRIN1;AKIRIN1	0.0144364	0.714063	0.897198	-1.11456	0.0167267	0.422756	-2.36543	0.0155527	1.19216	1.19216	0.194457	0.66723	-1.49873	0.00140225	0.253624	-3.94184	0.0838566	1.75755	1.75755	0.353451	0.729856	-1.37013	0.947227	1.08008	1.08008	0.0621523	1.85706	1.85706	5.24661	1.2351	0.235511	1
cg09675684	AKIRIN1;AKIRIN1	0.0235092	0.0036696	0.4455008	-2.24715	0.0464855	1.534576	1.534576	0.2880937	1.2546	1.2546	0.105372	0.694453	-1.43998	0.020417	0.302227	-3.10837	0.104018	0.693283	-1.44241	0.0977812	1.45406	1.45406	0.343614	1.12227	1.12227	0.170358	1.35114	1.35114	5.45109	2.99416	0.359737	1
cg03130816	AKIRIN1;AKIRIN1	0.0280375	0.958187	0.984809	-1.01542	0.844982	0.994454	-1.05882	0.0962738	1.7029	1.7029	0.0670849	1.82066	1.82066	0.3007	0.732704	-1.36481	0.7571214	1.0948	1.0948	0.886687	1.04251	1.04251	0.00772154	4.49057	4.49057	0.255675	1.41402	1.41402	15.8481	5.6507	1.19997	1
cg25127213	AKIRIN2	0.0179518	0.0847971	1.31774	1.31774	0.0319174	0.0947	2.08457	0.0198548	1.69537	1.62735	0.0719574	1.87488	1.87488	0.0236638	1.50975	1.50975	0.575682	1.811196	1.811196	0.223275	1.412849	1.84587	0.931371	1.03238	1.03238	0.0190644	1.08754	1.08754	4.88739	1.83783	0.29732	1
cg13586926	AKNA	0.00128086	0.648345	0.916297	-1.09135	0.0139268	0.560836	-1.78305	0.00394954	0.478024	-2.09194	0.765359	1.05864	1.05864	2.30E-05	0.199466	-5.01337	0.620803	1.09559	1.09559	0.0402885	0.636965	-1.56994	0.145309	0.742511	-1.34678	0.201562	0.773561	-1.29272	10.9655	6.29445	0.510242	1
cg19556772	AKNA	0.0049436	0.702196	-1.4241	0.00396274	0.312864	-3.19628	0.0517417	0.663079	-1.50812	0.0099573	0.546572	-1.82959	0.00403902	0.490981	-2.03674	0.0180144	0.539705	-1.85303	0.00439961	0.0127502	3.30965	0.0043485	0.41263	-2.42353	0.0011353	0.419357	1.19075	2.62329	1
cg14080475	AKNA	0.0168893	0.0754164	0.580283	-1.7233	0.87781	0.95925	-1.04248	0.0458374	0.53131	-1.88207	0.0091454	0.394403	-2.53549	0.0281725	0.205361	0.05361	0.1107764	0.621182	-1.60984	0.0030904	0.310334	0.10288	0.613079	-1.63111	0.939705	0.979753	-1.02067	5.5757	6.31972	0.881564	1
cg13647978	AKNA	0.0479417	0.325099	0.888159	-1.12592	0.308775	1.13083	1.13083	0.187621	0.849597	-1.17703	0.295719	0.881119	-1.13492	0.445001	1.09514	1.09514	0.0286425	1.35167	1.35167	0.0462697	1.30539	1.30539	0.158446	0.838643	-1.1924	0.0240883	1.36889	1.34255	0.742801	0.191706	1
cg20896026	AKNAD1	0.0265261	0.0286573	1.53624	1.53624	0.0756488	0.282282	-3.54201	0.0187154	0.456167	-2.1914	0.0189481	0.503515	-1.98623	0.00342342	0.363237	-2.7525	0.0887087	1.63505	1.63505	0.0178134	0.322973	-3.09642	0.0313792	1.27891	1.27891	0.0760409	1.07665	1.07665	5.56541	4.79227	0.820778	1
cg13909826	ANAO1	0.0209776	0.00939126	0.17104	-5.84657	0.00452886	0.131579	-7.59999	0.0243573	0.237221	-4.21544	0.0817198	0.355426	-2.81353	0.00377482	0.12298	8.1314	0.157965	0.445103	-2.24667	0.14119	0.248026	-2.33612	0.189068	0.474242	-2.10863	0.0585101	0.31722	-3.15239	0.62871	21.0773	4.04764	1
cg00042254	AKR1A1;AKR1A1	0.0149187	0.0640624	1.41424	1.41424	0.0178566	0.464565	-2.50474	0.0175552	0.482778	-2.07191	0.0540973	0.616357	-1.62227	0.00184903	0.156102	6.40509	0.1107715	0.714744	-1.39891	0.0838114	0.448393	-2.06654	0.415795	0.849353	-1.17784	0.0433102	0.634194	0.59826	-1.67154	6.00246	3.59224	0.598226	1
cg06807126	AKR1A1;AKR1A1	0.0232407	0.815215	1.02698	1.02698	0.225226	2.11587	1.11587	0.00374886	0.640805	-1.56054	0.557063	0.934692	-1.06987	0.093717	1.23321	1.23321	0.1380047	1.10783	1.10783	0.066649	0.79147	-1.26347	0.140378	0.834953	-1.19767	0.0374533	1.35199	1.35199	4.46878	0.915336	0.18207	1
cg04486013	AKR1A1;AKR1A1	0.028039	0.19803	0.698745	-1.43114	0.572795	0.860579	-1.16201	0.0119772	0.437786	-2.28422	0.0111791	0.432643	-2.31137	0.0439634	0.543368	-1.84037	0.0131805	0.444969	-2.24735	0.0148814	0.454194	-2.2017	0.800777	0.935547	-1.06889	0.0248208	0.494659	-2.02159	4.18573	4.60252	0.977399	1
cg24374462	AKR1A1;AKR1A1	0.0120022	0.637918	0.917476	-1.08996	0.0233174	0.34989	-2.85814	0.0076513	0.377653	-2.64909	0.0387513	0.477515	-2.0957	0.00185132	0.148407	6.73634	0.1126521	0.711675	-1.40547	0.0815358	0.44666	-2.23975	0.800205	0.934777	-1.07007	0.0248208	0.494659	-2.02159	4.18573	4.60252	0.977399	1
cg02899939	AKR1A1;AKR1A1	0.0343237	0.1107382	1.44391	1.44391	0.270383	0.78459	-1.27455	0.93489	0.982876	-1.01742	0.923937	0.892029	-1.12104	0.121593	0.701332	-1.42586	0.6880346	1.08897	1.08897	0.0017461	0.389334	-2.56849	0.242071	0.77196	-1.2954	0.0427644	0.610798	-1.6372	3.8945	2.75622	0.629085	1
cg00900054	AKR1A1;AKR1A1;AKR1A1	0.00162124	0.2147523	0.800283	-1.1076	0.46094	0.601663	1.66163	0.1961	1.18125	1.18125	0.378567	1.04617	1.04617	0.3038	0.68434	-1.46114	0.1138558	1.19858	1.19858	0.866131	0.989172

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01027422	AKT1S1;AKT1S1;AKT1S1	0.000841841	0.00222657	0.465296	-2.14917	0.000327816	0.354705	-2.81925	0.77318	0.949699	-1.05296	0.000119039	0.300557	-3.32716	0.00500278	0.515135	-1.94124
cg22659770	AKT1S1;AKT1S1;AKT1S1	0.00183234	0.371352	0.911339	-1.09729	0.00378736	1.48452	1.48452	0.0145267	1.35598	1.35598	0.557247	0.941726	-1.06188	0.00307479	0.663719	-1.50666
cg15765129	AKT1S1;AKT1S1;AKT1S1	0.0023024	0.901259	0.948847	-1.05391	0.890868	1.05979	1.05979	0.0241894	0.320814	-3.11707	0.182443	1.81951	1.81951	0.000253098	0.0779764	-12.8244
cg01402698	AKT1S1;AKT1S1;AKT1S1	0.00504233	0.620412	0.883529	-1.13183	0.10568	1.55879	1.55879	0.52525	1.17328	1.17328	0.000228552	0.19154	-5.22085	0.65403	0.894163	-1.11836
cg00379836	AKT1S1;AKT1S1;AKT1S1	0.0139282	0.0824378	0.710296	-1.40786	0.00247999	2.11259	2.11259	0.39701	0.857083	-1.16675	0.514167	1.12484	1.12484	0.416348	1.15918	1.15918
cg13607205	AKT1S1;AKT1S1;AKT1S1	0.0203824	0.677126	0.754329	-1.32568	0.0244886	0.164596	-6.0755	0.0721068	0.258849	-3.86326	0.118634	0.319651	-3.12841	0.00327384	0.0672981	-14.8593
cg26225646	AKT1S1;AKT1S1;TBC1D17;AKT1S1;TBC1D17	0.021606	0.988114	1.00529	1.00529	0.45985	0.766132	-1.30526	0.0537392	2.17143	2.17143	0.0143927	0.343715	-2.90938	0.971921	0.987617	-1.01254
cg01906703	AKT1S1;AKT1S1;TBC1D17;AKT1S1;TBC1D17	0.0345737	0.0379663	0.788422	-1.26836	0.57262	1.05794	1.05794	0.0788483	1.21266	1.21266	0.660468	0.957267	-1.04464	0.526459	0.938556	-1.06547
cg08711674	AKT1S1;AKT1S1;TBC1D17;AKT1S1;TBC1D17	0.0380809	0.125364	0.719868	-1.38914	0.74181	0.936589	-1.0677	0.0514036	1.55189	1.55189	0.0162731	1.78998	1.78998	0.045556	0.634874	-1.57512
cg11739626	AKT1S1;AKT1S1;TBC1D17;AKT1S1;TBC1D17	0.0493726	0.0230312	0.302298	-3.308	0.0883475	2.28761	2.28761	0.0821076	2.33431	2.33431	0.0249965	3.23396	3.23396	0.779385	1.13155	1.13155
cg24893721	AKT1S1;AKT1S1;TBC1D17;TBC1D17;AKT1S1;TBC1D17;TBC1D17	0.0129687	0.00698468	0.534504	-1.87089	0.0174171	1.68163	1.68163	0.0158028	1.70043	1.70043	0.203721	1.27233	1.27233	0.607674	0.911218	-1.09743
cg02578673	AKT1S1;TBC1D17;AKT1S1;AKT1S1;TBC1D17;AKT1S1	0.0451275	0.856161	1.04519	1.04519	0.662734	0.898611	-1.11283	0.762934	1.07648	1.07648	0.00408466	0.391114	-2.5568	0.0456395	0.572201	-1.74764
cg02319988	AKT1S1;TBC1D17;TBC1D17;AKT1S1;AKT1S1;TBC1D17;TBC1D17	0.0209985	0.0724679	1.37987	1.37987	0.616818	1.08442	1.08442	0.00607315	1.77816	1.77816	0.779485	0.955908	-1.04613	0.192138	0.801077	-1.24832
cg15153957	AKT2	0.00395115	0.00866668	0.383559	-2.60716	0.0968675	0.593379	-1.68526	0.0455832	0.518639	-1.92812	0.172782	0.659998	-1.51516	0.00535083	0.349726	-2.85938
cg26862316	AKT2	0.00829182	0.970869	0.994517	-1.00551	0.00029973	0.412459	-2.42448	0.010261	1.62767	1.62767	0.579553	1.08792	1.08792	0.243312	0.83208	-1.20181
cg08874471	AKT2	0.0406321	0.892262	1.06154	1.06154	0.165844	0.521392	-1.91794	0.843461	1.09104	1.09104	0.114358	0.469149	-2.13152	?	?	?
cg11794814	AKT2	0.0409211	0.0788838	0.740001	-1.35135	0.0353832	1.45943	1.45943	0.0261531	1.50255	1.50255	0.126316	0.774746	-1.29075	0.216528	1.22222	1.22222
cg11812023	AKT2	0.0429438	0.510692	1.90432	1.90432	0.554131	0.561306	-1.78156	0.00627704	0.0278568	-35.8979	0.777913	0.761472	-1.31325	?	?	?
cg11425201	AKT2	0.0468998	0.581559	1.18302	1.18302	0.0074858	2.82809	2.82809	0.00707368	2.86046	2.86046	0.423569	1.27992	1.27992	0.42341	0.781228	-1.28004
cg24455383	AKT3;AKT3	0.000364338	0.0251958	0.6569	-1.5223	4.44E-05	0.294833	-3.39175	0.000465567	0.419411	-2.38429	0.115549	1.31005	1.31005	0.143378	0.780178	-1.28176
cg20686125	AKT3;AKT3	0.000736259	0.000269983	0.254505	-3.92919	0.00254844	0.383281	-2.60905	0.00673195	0.447146	-2.23641	0.161035	0.709691	-1.40906	0.000100752	0.206157	-4.85067
cg15604398	AKT3;AKT3	0.00722865	0.0431797	0.564928	-1.77014	0.00487943	0.400108	-2.49933	0.62385	1.12901	1.12901	0.10854	0.650674	-1.53687	0.00087712	0.293818	-3.40347
cg02288831	AKT3;AKT3	0.0166802	0.00482136	0.20896	-4.7856	0.112131	0.484691	-2.06317	0.0193391	0.305975	-3.26824	0.914585	1.04594	1.04594	0.00618485	0.224278	-4.45874
cg11973514	AKT3;AKT3	0.0234243	0.0248284	0.561484	-1.78099	0.585874	1.12622	1.12622	0.423188	1.19334	1.19334	0.464277	1.17461	1.17461	0.656645	0.907851	-1.1015
cg11496569	AKT3;AKT3	0.0262069	0.0113634	0.227703	-4.39168	0.412861	1.47833	1.47833	0.219978	0.547597	-1.82616	0.670908	0.819083	-1.22088	0.368556	0.649704	-1.53916
cg11314684	AKT3;AKT3	0.0298143	0.0389891	0.315215	-3.17244	0.522562	0.731177	-1.36766	0.126306	0.449726	-2.22358	0.984966	1.00915	1.00915	0.00980275	0.206479	-4.8431
cg04221461	AKT3;AKT3	0.0316727	0.618068	0.846584	-1.18122	0.00119455	0.207336	-4.82308	0.249383	0.671071	-1.49015	0.137209	1.69963	1.69963	0.311913	0.707083	-1.41426
cg19503731	AKT3;AKT3	0.0477908	0.579962	0.894474	-1.11798	0.0327094	1.64625	1.64625	0.00497986	2.09925	2.09925	0.203342	0.765011	-1.30717	0.250737	1.2705	1.2705
cg06414161	AKTIP;AKTIP	0.00218198	0.0031594	0.408434	-2.44838	0.0682688	0.635578	-1.57337	0.00188732	0.376089	-2.65895	0.00953437	0.482427	-2.07285	0.0130776	0.504905	-1.98057
cg09148362	AKTIP;AKTIP	0.00347196	0.0149142	1.75204	1.75204	0.633176	0.913874	-1.09424	0.793016	1.05049	1.05049	?	?	?	0.0327999	0.626419	-1.59638
cg07161888	AKTIP;AKTIP	0.0109862	0.39631	1.09303	1.09303	0.263996	1.12663	1.12663	0.275067	0.890223	-1.12331	0.561956	1.06188	1.06188	0.841529	0.979709	-1.02071
cg02965178	AKTIP;AKTIP	0.0286408	0.0228376	0.338084	-2.95784	0.0626307	0.434227	-2.30294	0.0514508	0.413609	-2.41774	0.205047	0.5872	-1.703	0.00229905	0.183334	-5.45453
cg24633242	AKTIP;AKTIP	0.0289734	0.895196	0.976042	-1.02455	0.506542	1.13201	1.13201	0.369859	1.18464	1.18464	0.916908	1.01939	1.01939	0.0108578	0.555159	-1.80129
cg05414254	AKTIP;AKTIP	0.0336615	0.0553839	0.343128	-2.91436	0.0378119	0.305312	-3.27534	0.0218165	0.257738	-3.8799	0.932745	0.959277	-1.04245	0.0430736	0.317734	-3.14729
cg01257194	ALAD	8.83E-05	0.000294411	0.427202	-2.34081	0.562158	0.918955	-1.08819	0.000255078	0.419458	-2.38403	0.000487148	0.454608	-2.1997	0.00162684	0.521451	-1.91772
cg02027010	ALAD	0.00465697	0.00278613	0.668746	-1.49534	0.278463	0.895848	-1.11626	0.00278925	1.49522	1.49522	0.0280309	1.28825	1.28825	0.198981	0.875934	-1.14164
cg13891189	ALAD	0.0121777	0.216659	0.774177	-1.29169	0.86264	0.96648	-1.03468	0.220044	1.28903	1.28903	0.00764911	1.9641	1.9641	0.388251	0.840211	-1.19018
cg14193097	ALAD	0.0379417	0.0360078	0.221267	-4.51943	0.00566032	0.105915	-9.44154	0.388155	0.578689	-1.72804	0.0186033	0.171272	-5.83868	0.0452653	0.241606	-4.13897
cg17787219	ALAD	0.0404447	0.293775	1.22453	1.22453	0.037523	1.56656	1.56656	0.326528	1.20732	1.20732	0.164251	1.3179	1.3179	0.120762	1.36748	1.36748
cg03929796	ALAS1;ALAS1	1.28E-07	7.17E-07	0.394675	-2.53373	0.262934	1.08424	1.08424	1.90E-07	0.331694	-3.01483	0.00041173	1.47493	1.47493	4.19E-05	0.582496	-1.71675
cg11012543	ALAS1;ALAS1	0.00617629	0.00156597	0.189204	-5.28529	0.0136795	0.327142	-3.05677	0.00223698	0.208345	-4.79974	0.743941	1.12761	1.12761	0.0161249	0.340005	-2.94114
cg16983541	ALAS1;ALAS1	0.0119326	0.00276405	0.286233	-3.49366	0.0690764	0.539891	-1.85223	0.031625	0.465997	-2.14593	0.0899446	0.567585	-1.76185	0.00115903	0.235511	-4.24609
ch.3.1135669F	ALAS1;ALAS1	0.0171385	0.0208869	0.507808	-1.96925	0.00100903	0.304412	-3.28502	0.0975466	0.642002	-1.55763	0.0201312	0.504936	-1.98045	0.0589766	0.594624	-1.68174
cg05787931	ALAS1;ALAS1	0.0385693	0.984455	0.998223	-1.00178	0.0963349	1.18141	1.18141	0.0284686	1.26625	1.26625	0.404691	1.08095	1.08095	0.950999	1.00563	1.00563
cg16141290	ALAS2;ALAS2;ALAS2	0.0128106	0.615026	1.19528	1.19528	0.630171	0.843108	-1.18609	0.12024	0.552729	-1.8092	0.0119085	0.331513	-3.01647	0.0092042	0.312511	-3.19988
cg14168975	ALAS2;ALAS2;ALAS2	0.0299999	0.599941	1.36809	1.36809	0.0200094	0.18969	-5.27175	0.0451683	0.256407	-3.90006	0.094596	0.336857	-2.96862	0.00555444	0.115617	-8.64923
cg07471703	ALAS2;ALAS2;ALAS2	0.0440442	0.539992	1.54772	1.54772	0.00154194	0.0404822	-24.7022	0.962871	0.967758	-1.03332	0.202499	0.3878	-2.57865	0.0518156	0.210575	-4.74891
cg24656976	ALB	0.00547283	0.000565346	0.226263	-4.41963	0.00434061	0.346402	-2.88682	0.00537124	0.360738	-2.77209	0.136522	0.640088	-1.56229	0.00413834	0.343241	-2.91341
cg08368094	ALB	0.0188852	0.40194	1.3228	1.3228	0.949044	0.979373	-1.02106	0.0024995	0.254155	-3.93461	0.870654	0.948245	-1.05458	0.0140721	0.372136	-2.68719
cg24018190	ALB	0.0245049	0.0189072	0.408199	-2.44979	0.0221334	0.4212	-2.37417	0.02358	0.42652	-2.34455	0.997077	0.998846	-1.00116	0.00817968	0.344181	-2.90545
cg19003412	ALB	0.0256977	0.0720769	0.314525	-3.1794	0.0856978	2.98721	2.98721	0.726274	1.22446	1.22446	0.16181	0.422864	-2.36482	0.00580105	0.124678	-8.02065
cg20644626	ALB	0.0318944	0.0115592	0.201551	-4.96153	0.238021	0.534249	-1.87179	0.0689834	0.356238	-2.80711	0.107318	0.410036	-2.43881	0.0136786	0.212963	-4.69564
cg13495204	ALB	0.0361296	0.0154183	0.167888	-5.95636	0.540779	1.45019	1.45019	0.10684	0.347556	-2.87724	0.114234	0.356528	-2.80483	0.0147372	0.165001	-6.06056
cg04450599	ALB	0.0382757	0.00392406	0.23258	-4.2996	0.711135	0.869552	-1.15002	0.0425475	0.415814	-2.40492	0.951055	1.02333	1.02333	0.00978144	0.293032	-3.41259
cg16028694	ALCAM	0.00028126	0.000132785	0.302806	-3.30245	0.293479	1.2171	1.2171	0.835586	0.963225	-1.03818	0.0159193	1.70278	1.70278	0.000100794	0.288578	-3.46526
cg19499955	ALCAM	0.000775848	2.62E-05	0.287935	-3.473	0.0383202	1.43209	1.43209	0.173073	0.804998	-1.24224	0.779122	1.04297	1.04297	0.0615937	1.3703	1.3703
cg09610766	ALCAM	0.0055519	0.00048653	0.191314	-5.22701	0.0075496	0.353546	-2.82849	0.0574515	0.52205	-1.91552	0.896227	0.961296	-1.04026	0.00256763	0.282314	-3.54215
cg12226306	ALCAM	0.0132743	0.119293	0.71026	-1.40793	0.00324936	0.443851	-2.25301	0.0921689	0.68718	-1.45522	0.658295	0.913858	-1.09426	0.583789	0.894069	-1.11848
cg09222287	ALCAM	0.0310994	0.0453105	0.665928	-1.50166	0.0628421	1.4486	1.4486	0.0033018	2.03124	2.03124	0.227232	1.25164	1.25164	0.285733	1.21691	1.21691
cg17550268	ALCAM	0.0340683	0.245708	1.2229	1.2229	0.81928	0.962781	-1.03866	0.129418	0.762199	-1.31199	0.0429082	0.679649	-1.47135	0.390212	1.15711	1.15711
cg21832978	ALCAM	0.0394833	0.21823	0.654335	-1.52827	0.255313	0.677788	-1.47539	0.590811	1.19453	1.19453	0.123087	1.72817	1.72817	0.002367	0.249467	-4.00855
cg20368841	ALDH16A1;ALDH16A1	1.44E-05	0.339991	0.873725	-1.14452	0.37054	1.13453	1.13453	0.0326461	0.709511	-1.40942	9.08E-05	0.382764	-2.61258	1.54E-06	0.188775	-5.29731
cg21486694	ALDH16A1;ALDH16A1	0.00012775	0.193384	0.845577	-1.18262	0.0296903	0.732049	-1.36603	0.000446235	0.509073	-1.96435	0.425628	1.10423	1.10423	0.00239154	0.597025	-1.67497
cg07605062	ALDH16A1;ALDH16A1	0.00041966	0.451215	0.871515	-1.14743	0.921772	1.01775	1.01775	0.000240875	0.336734	-2.9697	0.00083297	0.406109	-2.46239	5.81E-05	0.263177	-3.79972
cg17303845	ALDH16A1;ALDH16A1	0.00570662	0.0525339	0.76025	-1.31536	0.0711667	0.77831	-1.28484	0.00984931	0.666555	-1.50025	0.877307	1.0194	1.0194	0.168379	1.20024	1.20024
cg22334548	ALDH16A1;ALDH16A1	0.0121175	0.755125	1.05122	1.05122	0.770996	0.95447	-1.0477	0.00171486	0.489378	-2.04341	0.519893	0.901089	-1.10977	0.874444	1.02557	1.02557
cg13701510	ALDH16A1;ALDH16A1	0.0245322	0.808665	0.966748	-1.0344	0.383471	1.13267	1.13267	0.0796515	0.762497	-1.31148	0.032362	0.705211	-1.41802	0.0817477	0.764226	-1.30851
cg20716738	ALDH16A1;ALDH16A1	0.0448968	0.144673	0.778618	-1.28433	0.150969	1.27868	1.27868	0.0990787	1.33484	1.33484	0.332945	1.17295	1.17295	0.00426982	0.543011	-1.84158
cg13278334	ALDH16A1;ALDH16A1;PIH1D1;PIH1D1	0.0139533	0.0280678	1.23458	1.23458	0.299194	1.09133	1.09133	0.162854	1.12862	1.12862	0.318497	1.08735	1.08735	0.0081707	1.31644	1.31644
cg10612915	ALDH18A1;ALDH18A1	3.48E-06	0.000124683	0.30812	-3.24549	0.000107497	0.300428	-3.32859	2.74E-05	0.233164	-4.28882	0.997159	1.00063	1.00063	8.80E-07	0.100245	-9.97552
cg14538374	ALDH18A1;ALDH18A1	0.00537483	0.839751	0.910913	-1.0978	0.178139	1.93357	1.93357	0.166777	1.97259	1.97259	0.941931	0.966984	-1.03414	0.140866	0.481938	-2.07495
cg05889321	ALDH18A1;ALDH18A1	0.00605506	0.0403731	0.713291	-1.40195	0.0874727	0.764	-1.3089	0.000533564	2.158	2.158	0.870752	1.02351	1.02351	0.203632	0.825756	-1.21101
cg17287984	ALDH18A1;ALDH18A1	0.00628683	0.00154016	0.738946	-1.35328	0.0259792	0.839049	-1.19183	0.816442	1.01556	1.01556	0.245367	0.922486	-1.08403	0.105722	0.889279	-1.12451
cg12211962	ALDH18A1;ALDH18A1	0.0103334	0.00289832	0.138868	-7.2011	0.183265	0.569779	-1.75507	0.0404725	0.367619	-2.72021	0.440448	1.35686	1.35686	?	?	?
cg05123019	ALDH18A1;ALDH18A1	0.0182838	0.0550918	0.3768	-2.65393	0.33525	0.64021	-1.56199	0.08685	0.427982	-2.33655	0.395647	0.676782	-1.47758	0.00766071	0.214759	-4.65639
cg26892368	ALDH18A1;ALDH18A1	0.0203514	0.00152514	0.141074	-7.08849	?	?	?	0.278356	0.616464	-1.62216	0.20533	1.7744	1.7744	0.427556	1.41572	1.41572
cg26169020	ALDH18A1;ALDH18A1	0.0304101	0.234793	0.741321	-1.34894	0.0244311	0.524941	-1.90497	0.856747	0.957498	-1.04439	0.244992	0.746543	-1.33951	0.109635	0.657563	-1.52077
cg01812894	ALDH1A1	0.0155213	0.0149412	0.183759	-5.4419	0.0243643	0.21897	-4.56684	0.00395167	0.111416	-8.97534	0.0508827	0.283916	-3.52217	0.0146031	0.182242	-5.48722
cg12382153	ALDH1A2;ALDH1A2	0.000242542	0.0436901	0.639287	-1.56424	0.134804	0.732664	-1.36488	0.0123152	1.82466	1.82466	0.36427	1.19708	1.19708	0.0808741	0.688335	-1.45278
cg09162949	ALDH1A2;ALDH1A2	0.00448048	0.278367	0.764573	-1.30792	0.0177918	1.98621	1.98621	0.0364759	1.78416	1.78416	0.24708	0.749588	-1.33407	0.0169191	0.499654	-2.00139
cg00930873	ALDH1A2;ALDH1A2	0.0122618	0.735039	1.13386	1.13386	0.0953806	0.507838	-1.96913	0.0757324	0.481392	-2.07731	0.478105	1.30568	1.30568	0.973326	1.01244	1.01244
cg13518442	ALDH1A2;ALDH1A2	0.013639	0.0478854	1.88798	1.88798	0.52052	0.832772	-1.20081	0.837136	1.05953	1.05953	0.76323	0.918619	-1.08859	0.0790342	0.578161	-1.72962
cg12031962	ALDH1A2;ALDH1A2	0.0144916	0.0323167	0.150478	-6.64548	0.00066132	0.0194365	-51.4496	0.116925	0.276084	-3.62209	0.245465	0.399334	-2.50417	0.113221	0.271845	-3.67857
cg07721203	ALDH1A2;ALDH1A2	0.0198935	0.142006	6.00195	6.00195	0.0276023	19.2393	19.2393	0.219133	4.3363	4.3363	0.307909	0.301776	-3.31371	0.36605	2.86966	2.86966
cg23699879	ALDH1A2;ALDH1A2	0.0325111	0.0450129	5.39675	5.39675	0.468627	1.71666	1.71666	0.243164	2.44741	2.44741	0.962461	0.966096	-1.03509	0.143506	0.316011	-3.16445
cg02888131	ALDH1A2;ALDH1A2	0.0345233	0.978619	0.991744	-1.00832	0.524188	1.221	1.221	0.00330037	3.44932	3.44932	0.651209	1.15118	1.15118	0.720494	1.11756	1.11756
cg19890277	ALDH1A2;ALDH1A2	0.0395164	0.05205	14.4964	14.4964	0.849805	1.25779	1.25779	0.0200315	29.8228	29.8228	0.345515	0.308692	-3.23947	0.455418	0.398608	-2.50873
cg19619909	ALDH1A2;ALDH1A2;ALDH1A2	0.0178515	0.101376	0.469992	-2.1277	0.00769157	0.236535	-4.2277	0.104446	0.473737	-2.11088	0.006577	0.22637	-4.41755	0.235765	0.592732	-1.6871
cg14805347	ALDH1A2;ALDH1A2;ALDH1A2;ALDH1A2	2.63E-07	1.55E-05	7.50522	7.50522	0.0360488	0.577045	-1.73297	3.88E-08	81.2742	81.2742	2.73E-07	30.778	30.778	0.907602	1.02653	1.02653
cg03365437	ALDH1A2;ALDH1A2;ALDH1A2;ALDH1A2	3.67E-05	0.000118758	5.81476	5.81476	0.0936043	0.617488	-1.61946	3.25E-06	17.798	17.798	0.000136012	5.62039	5.62039	0.798377	1.06921	1.06921
cg12437628	ALDH1A2;ALDH1A2;ALDH1A2;ALDH1A2	0.0358563	0.366843	0.783651	-1.27608	0.128967	0.649565	-1.53949	0.0193576	0.475351	-2.10371	0.00111086	0.282657	-3.53785	0.343855	0.773812	-1.2923
cg13198321	ALDH1A2;ALDH1A2;ALDH1A2;ALDH1A2	0.0434433	0.136238	13.5167	13.5167	0.524068	2.7839	2.7839	0.00418455	884.722	884.722	0.0579577	34.4853	34.4853	0.596395	0.428996	-2.33102
cg26185340	ALDH1A3	1.02E-05	0.00586583	0.600067	-1.66648	0.0416396	0.717041	-1.39462	0.00465716	0.58687	-1.70395	0.368529	0.877391	-1.13974	0.792007	0.963263	-1.03814
cg24227590	ALDH1A3	4.65E-05	0.533005	0.939142	-1.0648	0.000598809	0.590607	-1.69317	0.00854674	1.39604	1.39604	0.614963	1.05173	1.05173	0.00235556	0.655775	-1.52491
cg12539193	ALDH1A3	0.00223611	0.783222	0.92998	-1.07529	0.0379375	0.530756	-1.8841	0.104911	0.627233	-1.5943	0.245971	1.37628	1.37628	0.964944	1.01164	1.01164
cg07465028	ALDH1A3	0.00310876	0.145101	0.640393	-1.56154	0.370094	0.769389	-1.29973	0.00259675	0.304665	-3.28229	0.0582278	0.543545	-1.83977	0.00286513	0.310826	-3.21723
cg19510698	ALDH1A3	0.0103507	0.0902271	1.53203	1.53203	0.0596411	0.615302	-1.62522	0.0519517	0.603364	-1.65737	0.904277	0.972886	-1.02787	0.0642838	1.608	1.608
cg17919396	ALDH1A3	0.0112928	0.00234586	0.20396	-4.90293	0.139991	1.8122	1.8122	0.732476	0.879438	-1.13709	0.0449434	2.36702	2.36702	0.00499386	0.248794	-4.01939
cg12791065	ALDH1A3	0.0148804	0.0800217	0.536846	-1.86273	0.405924	0.761624	-1.31298	0.15413	0.613495	-1.63	0.673813	0.873208	-1.1452	0.282073	0.699077	-1.43046
cg26677892	ALDH1A3	0.0197152	0.0482303	0.636311	-1.57156	0.0138092	0.543662	-1.83938	0.20712	0.766119	-1.30528	0.443449	1.16938	1.16938	0.210129	1.30275	1.30275
cg25943719	ALDH1A3	0.0201844	0.520062	0.79847	-1.2524	0.313704	0.697927	-1.43282	0.00615218	0.291242	-3.43357	0.10498	1.84317	1.84317	0.318801	0.700739	-1.42707
cg26824516	ALDH1A3	0.0236243	0.604902	0.747629	-1.33756	0.487649	0.675058	-1.48135	0.661905	0.782541	-1.27789	0.748643	0.835974	-1.19621	0.705717	0.809443	-1.23542
cg26509022	ALDH1A3	0.026128	0.35222	0.521508	-1.91752	0.986275	0.98837	-1.01177	0.873236	1.1147	1.1147	0.86108	0.887702	-1.1265	0.707719	0.774043	-1.29192
cg10336108	ALDH1A3	0.0298962	0.735246	1.20082	1.20082	0.236965	0.512699	-1.95046	0.811436	0.87909	-1.13754	0.707708	1.22518	1.22518	0.598325	0.750781	-1.33195
cg15671705	ALDH1A3	0.0458697	?	?	?	0.527755	0.593887	-1.68382	?	?	?	0.536238	1.66521	1.66521	?	?	?
cg10504066	ALDH1A3	0.0474209	0.0575126	2.47735	2.47735	0.994932	1.00269	1.00269	0.123712	0.494547	-2.02205	0.163147	1.87504	1.87504	0.315765	1.54968	1.54968
cg14221617	ALDH1B1	0.00110959	0.000179553	0.233237	-4.28748	0.00650966	2.25138	2.25138	0.0438491	1.70174	1.70174	0.434246	1.20095	1.20095	0.0617904	0.617079	-1.62054
cg00467553	ALDH1B1	0.00999147	0.311554	0.78653	-1.27141	0.0239465	1.85498	1.85498	0.111544	0.67198	-1.48814	0.97022	0.991474	-1.0086	0.00508428	0.427685	-2.33817
cg05837401	ALDH1L1	6.32E-08	0.17193	0.839597	-1.19105	0.25867	1.15223	1.15223	0.00228376	1.67006	1.67006	6.65E-08	8.93317	8.93317	0.263061	0.869109	-1.1506
cg11009245	ALDH1L1	9.28E-07	0.218092	1.16306	1.16306	0.400244	1.10561	1.10561	0.0469208	1.30368	1.30368	2.62E-05	2.63808	2.63808	0.208588	0.856794	-1.16714
cg10761979	ALDH1L1	1.01E-06	0.409649	1.1097	1.1097	0.127929	0.816144	-1.22527	0.147531	1.21146	1.21146	8.32E-05	2.39745	2.39745	0.517708	0.922232	-1.08433
cg02119848	ALDH1L1	9.44E-05	0.408555	0.846244	-1.18169	0.431095	1.172	1.172	8.55E-06	0.147727	-6.76924	0.0239658	0.587456	-1.70226	4.62E-05	0.218861	-4.56911
cg14857193	ALDH1L1	0.00202911	0.00218812	0.565127	-1.76951	0.060873	1.32397	1.32397	0.0143027	0.6695	-1.49365	0.0465791	0.738808	-1.35353	0.000134196	0.415283	-2.408
cg27282530	ALDH1L1	0.00212394	0.291983	0.529174	-1.88974	0.496498	0.669052	-1.49465	0.14288	2.50085	2.50085	0.0557872	3.53043	3.53043	0.23267	0.482626	-2.072
cg07800320	ALDH1L1	0.00424217	0.108309	0.802751	-1.24572	0.222133	1.17459	1.17459	0.0420707	1.34146	1.34146	0.997385	1.00041	1.00041	0.0786451	1.27757	1.27757
cg03825231	ALDH1L1	0.00443006	0.10442	0.481546	-2.07665	0.498967	1.32653	1.32653	0.142149	0.522224	-1.91489	0.0941261	2.13338	2.13338	0.772331	0.887424	-1.12686
cg06240450	ALDH1L1	0.00456133	0.0454279	0.650759	-1.53667	0.452607	1.15403	1.15403	0.291765	1.22729	1.22729	0.105725	1.39217	1.39217	0.941107	1.01393	1.01393
cg01566526	ALDH1L1;ALDH1L1	0.000124931	0.889527	0.954128	-1.04808	0.810121	1.08473	1.08473	0.0135619	0.356247	-2.80704	0.0638486	0.494687	-2.02148	0.0786296	0.516872	-1.93472
cg07456485	ALDH1L2;ALDH1L2	0.00279482	0.999595	0.999904	-1.0001	4.73E-05	4.26532	4.26532	0.100669	1.40514	1.40514	0.611012	1.10189	1.10189	0.179123	0.763414	-1.30991
cg14255981	ALDH1L2;ALDH1L2	0.00359625	0.000287944	0.183687	-5.44404	0.993979	1.00216	1.00216	0.895486	1.03836	1.03836	0.40018	0.781428	-1.27971	0.279735	0.724836	-1.37962
cg16527105	ALDH1L2;ALDH1L2	0.00400724	0.00419157	0.392526	-2.5476	0.242575	0.742187	-1.34737	0.567654	0.868635	-1.15123	0.0132542	0.473144	-2.11352	0.000119262	0.193865	-5.15824
cg16204509	ALDH1L2;ALDH1L2	0.00562061	0.0492901	2.06689	2.06689	0.00434914	3.43099	3.43099	0.124328	1.71331	1.71331	0.010323	2.84497	2.84497	0.276996	0.693623	-1.44171
cg04892391	ALDH1L2;ALDH1L2	0.00577816	0.0604327	0.629424	-1.58875	0.850076	1.04224	1.04224	0.464199	1.1769	1.1769	0.00131687	0.359866	-2.77881	0.0103661	0.493641	-2.02577
cg12910175	ALDH1L2;ALDH1L2	0.0320422	0.104924	0.695779	-1.43724	0.167967	0.740228	-1.35093	0.027588	1.70451	1.70451	0.107644	0.698091	-1.43248	0.294131	0.800319	-1.2495
cg16423624	ALDH2	0.000784664	0.418544	1.08781	1.08781	0.000380198	0.561079	-1.78228	0.00125372	0.618947	-1.61565	0.907654	1.01188	1.01188	0.595317	0.946882	-1.0561
cg12142865	ALDH2	0.00482112	0.00464535	0.193976	-5.15527	0.0488976	0.375453	-2.66345	0.0103781	0.245099	-4.07998	0.0713996	0.415992	-2.40389	0.000877492	0.113826	-8.7853
cg05212570	ALDH2	0.00995468	0.0137111	0.153121	-6.53078	0.00356635	0.0879606	-11.3687	0.00963447	0.133008	-7.51834	0.388767	0.58052	-1.72259	0.0100007	0.13502	-7.40629
cg16290534	ALDH2	0.0458339	0.0433244	0.628487	-1.59112	0.0562425	0.649173	-1.54042	0.0081238	0.508039	-1.96835	0.920154	0.980162	-1.02024	0.82511	0.956736	-1.04522
cg21470387	ALDH2;ALDH2	0.0016256	0.766098	0.955149	-1.04696	0.0180958	1.55514	1.55514	0.0757201	1.35537	1.35537	0.0258984	1.50201	1.50201	0.73012	1.05471	1.05471
cg15796819	ALDH3A1	0.0183869	0.00351142	0.251395	-3.9778	0.0221019	0.384006	-2.60413	0.70384	0.875291	-1.14248	0.26006	0.663838	-1.50639	0.00515879	0.275805	-3.62576

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01027422	0.0636339	0.689076	-1.45122	0.000595595	0.388076	-2.57682	0.161459	0.765636	-1.3061	0.106806	0.730193	-1.3695	12.3534	6.24018	0.449011	1
cg22659770	0.0530134	1.24906	1.24906	0.000802605	0.599452	-1.66819	0.270595	1.12302	1.12302	0.225758	1.13731	1.13731	9.89055	1.60256	0.144026	1
cg15765129	0.000605012	0.106817	-9.36183	0.00558345	0.214465	-4.66277	0.282653	0.623596	-1.6036	0.333674	0.655857	-1.52472	9.25316	26.2245	2.51921	1
cg01402698	0.0538706	1.73873	1.73873	0.435344	0.820556	-1.21869	0.349846	1.27056	1.27056	0.0214297	2.02388	2.02388	8.48981	8.0782	0.740068	1
cg00379836	0.58639	0.90693	-1.10262	0.343381	1.18954	1.18954	0.00256518	2.10348	2.10348	0.102557	1.3739	1.3739	5.30885	2.65861	0.445145	1
cg13607205	0.0331514	0.186976	-5.34829	0.00265184	0.0608469	-16.4347	0.814179	0.853405	-1.17178	0.493636	0.62623	-1.59686	4.67436	33.558	6.38149	1
cg26225646	0.699369	0.871645	-1.14726	0.00182606	0.208455	-4.79719	0.489801	1.28192	1.28192	0.272777	1.49792	1.49792	4.58224	9.09515	1.76433	1
cg01906703	0.0557303	0.807213	-1.23883	0.0128326	0.736878	-1.35708	0.688364	1.04064	1.04064	0.0448277	1.25549	1.25549	3.88431	0.600516	0.137423	1
cg08711674	0.292758	1.24145	1.24145	0.0987874	0.698613	-1.43141	0.2899	1.24316	1.24316	0.236602	1.27854	1.27854	3.75022	2.33205	0.55275	1
cg11739626	0.622263	0.803696	-1.24425	0.101508	0.454282	-2.20127	0.316978	1.57659	1.57659	0.905028	1.05393	1.05393	3.40442	10.4429	2.72663	1
cg24893721	0.791012	1.04884	1.04884	0.0987469	0.722513	-1.38406	0.0828231	0.708321	-1.41179	0.108247	1.3697	1.3697	5.43442	2.77437	0.453795	1
cg02578673	0.194579	1.39692	1.39692	0.755946	1.07891	1.07891	0.0250796	0.52248	-1.91395	0.924816	1.02326	1.02326	3.52179	3.30991	0.835411	1
cg02319988	0.0815481	0.733345	-1.36361	0.0165593	0.62485	-1.60038	0.232394	0.817755	-1.22286	0.117646	0.761092	-1.3139	4.62714	1.89137	0.363338	1
cg15153957	0.0737757	0.56507	-1.76969	0.000370541	0.195574	-5.11315	0.000850031	0.237897	-4.2035	0.524345	0.831289	-1.20295	7.88162	10.2383	1.15467	1
cg26862316	0.925694	0.986052	-1.01414	0.813757	0.96509	-1.03617	0.298544	0.850234	-1.17615	0.471431	1.11661	1.11661	6.27294	2.25239	0.319168	1
cg08874471	0.902164	1.05569	1.05569	0.527293	1.32613	1.32613	0.00141965	0.1307	-7.65108	0.533354	1.32052	1.32052	3.7192	10.1687	2.73412	1
cg11794814	0.492722	1.1135	1.1135	0.0399461	0.69322	-1.44254	0.828908	1.03396	1.03396	0.510015	0.902016	-1.10863	3.65233	1.37739	0.335222	1
cg11812023	?	?	?	?	?	?	0.167914	4.17784	4.17784	0.0906411	6.19187	6.19187	4.12089	39.5295	11.1912	1
cg11425201	0.288519	0.716979	-1.39474	0.230203	1.46245	1.46245	0.106437	1.70288	1.70288	0.400033	1.2971	1.2971	3.4712	5.01259	1.2836	1
cg24455383	0.883787	1.02336	1.02336	0.00124918	2.10484	2.10484	0.71964	1.05855	1.05855	0.299219	0.843795	-1.18512	15.5962	6.15548	0.350826	1
cg20686125	0.720935	0.921121	-1.08563	0.0394663	0.579469	-1.72572	0.23852	1.32683	1.32683	0.00239382	0.379343	-2.63614	12.828	10.6607	0.738715	1
cg15604398	0.0799256	1.61127	1.61127	0.733101	1.08766	1.08766	0.659188	0.896766	-1.11512	0.0191739	0.498702	-2.00521	6.54908	6.25124	0.848463	1
cg02288831	0.0480062	0.388162	-2.57624	0.0266738	0.333025	-3.00278	0.800453	0.89939	-1.11186	0.00920296	0.250487	-3.99222	5.00112	13.8837	2.46766	1
cg11973514	0.0808133	0.658131	-1.51946	0.661715	0.909252	-1.0998	0.12747	1.42777	1.42777	0.001582	0.375275	-2.66471	4.45666	3.29534	0.657262	1
cg11496569	0.647799	1.23957	1.23957	0.00922501	0.213696	-4.67954	0.041288	3.00158	3.00158	0.0357545	0.319527	-3.12963	4.28618	14.8004	3.06939	1
cg11314684	0.481948	0.708003	-1.41242	0.013875	0.230192	-4.3442	0.101778	2.37599	2.37599	0.0218425	0.264611	-3.77913	4.09585	15.1423	3.28621	1
cg04221461	0.171713	0.6175	-1.61943	0.450573	0.775141	-1.29009	0.160652	0.608639	-1.64301	0.236062	1.50892	1.50892	4.00859	6.96965	1.54549	1
cg19503731	0.481832	0.867086	-1.15329	0.0527858	1.5514	1.5514	0.326656	1.22387	1.22387	0.603334	1.11024	1.11024	3.44665	2.17238	0.560255	1
cg06414161	0.716357	1.08438	1.08438	0.00174307	2.69388	2.69388	0.858428	0.961136	-1.04044	0.325036	0.798021	-1.2531	9.39987	7.33751	0.693864	1
cg09148362	0.00107989	0.404927	-2.46958	0.291777	1.22739	1.22739	0.00156845	0.427059	-2.3416	0.540367	0.890385	-1.12311	8.37426	4.13623	0.493922	1
cg07161888	0.957541	0.994563	-1.00547	0.00035775	0.556235	-1.7978	0.0125433	0.727626	-1.37433	0.6387	1.04962	1.04962	5.73484	0.952426	0.147624	1
cg02965178	0.0901037	0.475335	-2.10378	0.993721	1.00314	1.00314	0.893821	0.948219	-1.05461	0.0166147	0.312048	-3.20463	4.15449	10.4308	2.23176	1
cg24633242	0.0277811	0.619698	-1.61369	0.201307	0.780132	-1.28183	0.00879688	1.84748	1.84748	0.554162	1.11638	1.11638	4.13757	2.21834	0.476574	1
cg05414254	0.0549769	0.342355	-2.92095	0.00393678	0.147961	-6.75856	0.0440019	0.319813	-3.12682	0.103073	0.415459	-2.40697	3.92195	15.0709	3.41573	1
cg01257194	0.000114464	0.376742	-2.65433	1.55E-05	0.275521	-3.62949	0.427653	1.12389	1.12389	0.000700884	0.474598	-2.10705	22.8877	7.53897	0.29279	1
cg02027010	0.0460655	0.800033	-1.24995	0.170519	0.867233	-1.15309	0.0382607	1.2641	1.2641	0.598028	0.949398	-1.0533	7.49922	1.13131	0.134096	1
cg13891189	0.36036	0.830986	-1.20339	0.0167359	0.56272	-1.77708	0.462156	1.15878	1.15878	0.00281044	2.24893	2.24893	5.54695	3.40545	0.545717	1
cg14193097	0.0310562	0.209007	-4.78452	0.0263291	0.196083	-5.09989	0.35138	0.552588	-1.80967	0.746	0.817911	-1.22263	3.75524	22.747	5.38435	1
cg17787219	0.0127909	1.77748	1.77748	0.0264052	0.612836	-1.63176	0.530372	1.12549	1.12549	0.0587018	1.48762	1.48762	3.66816	2.00982	0.487031	1
cg03929796	0.000160072	0.63958	-1.56353	7.99E-07	0.399828	-2.50108	2.82E-07	2.85384	2.85384	2.07E-05	0.551352	-1.81372	123.733	9.41033	0.0676032	1
cg11012543	0.724343	1.13854	1.13854	0.513366	0.784358	-1.27493	0.109133	1.89683	1.89683	0.0614413	0.462044	-2.1643	6.87735	14.6254	1.89031	1
cg16983541	0.15647	0.631716	-1.58299	0.0479101	0.503937	-1.98438	0.932755	0.974752	-1.0259	0.0176027	0.416779	-2.39935	5.58368	8.12009	1.29267	1
ch.3.1135669F	0.270252	0.755913	-1.3229	0.010297	0.454706	-2.19922	0.682112	0.904487	-1.1056	0.133916	0.674329	-1.48296	4.95601	4.66406	0.836525	1
cg05787931	0.26186	1.11274	1.11274	0.00428893	0.705561	-1.41731	0.232475	0.891973	-1.12111	0.67413	0.962124	-1.03937	3.73276	0.492805	0.117353	1
cg16141290	0.0094483	3.18062	3.18062	0.175296	1.66036	1.66036	0.0294729	0.405801	-2.46426	0.795437	0.912658	-1.0957	5.45622	10.6932	1.74206	1
cg14168975	0.105447	0.350809	-2.85056	0.134292	0.384343	-2.60184	0.0131808	0.162034	-6.17154	0.0397219	0.244569	-4.08883	4.08684	22.7002	4.9373	1
cg07471703	0.0542952	0.214922	-4.65285	0.77263	0.815496	-1.22625	0.438429	0.573265	-1.7444	0.878765	1.11345	1.11345	3.55393	27.8972	6.97749	1
cg24656976	0.45091	0.807631	-1.23819	0.654712	1.13338	1.13338	0.796166	0.930533	-1.07465	0.0966886	0.602179	-1.66064	7.1384	8.74595	1.08906	1
cg08368094	0.833094	1.07124	1.07124	0.0140801	2.68687	2.68687	0.745327	1.11214	1.11214	0.608174	0.844816	-1.18369	4.79687	8.07971	1.49722	1
cg24018190	0.0744434	0.534515	-1.87086	0.0324784	0.454317	-2.20111	0.00866225	0.348308	-2.87103	0.294939	0.710108	-1.40824	4.38762	6.90265	1.39841	1
cg19003412	0.0906661	0.341653	-2.92695	0.00906796	0.147986	-6.75738	0.821036	1.13944	1.13944	0.143547	0.404325	-2.47326	4.31566	22.6885	4.67311	1
cg20644626	0.01386	0.213879	-4.67553	0.0130425	0.209681	-4.76914	0.591735	1.316	1.316	0.308127	0.585641	-1.70753	3.9986	16.2919	3.62168	1
cg13495204	0.0222588	0.193065	-5.17959	0.0143175	0.163179	-6.12825	0.219514	0.460669	-2.17076	0.0589332	0.277924	-3.59811	3.82284	21.8178	5.07308	1
cg04450599	0.82153	1.08861	1.08861	0.324353	1.46588	1.46588	0.878019	1.05941	1.05941	0.96159	0.982067	-1.01826	3.74322	8.37085	1.9878	1
cg16028694	0.406177	0.857951	-1.16557	0.170221	0.768471	-1.30129	0.461338	1.14477	1.14477	0.000187597	0.321006	-3.1152	16.7429	8.61941	0.457609	1
cg19499955	0.500392	1.10776	1.10776	0.0114038	0.622631	-1.60609	0.0673506	0.735866	-1.35894	0.1026	1.30636	1.30636	12.6406	4.48169	0.315153	1
cg09610766	0.283476	0.713855	-1.40085	0.556717	1.19699	1.19699	0.0957532	0.574951	-1.73928	0.0138593	0.39858	-2.50891	7.10702	10.2994	1.28816	1
cg12226306	0.953168	0.988184	-1.01196	0.00665474	2.03942	2.03942	0.41953	0.846265	-1.18166	0.0386261	1.62382	1.62382	5.39321	3.49856	0.576621	1
cg09222287	0.139345	0.754509	-1.32536	0.550351	0.898533	-1.11293	0.605876	1.09654	1.09654	0.463281	1.14132	1.14132	4.03482	2.00342	0.441362	1
cg17550268	0.00416117	0.529103	-1.88999	0.0580682	1.42624	1.42624	0.358511	0.855141	-1.1694	0.716251	1.06237	1.06237	3.90501	1.69889	0.386716	1
cg21832978	0.924169	1.03167	1.03167	0.507681	1.2462	1.2462	0.0893065	1.84698	1.84698	0.689411	1.14061	1.14061	3.7008	6.28598	1.50982	1
cg20368841	6.61E-06	0.252689	-3.95744	3.13E-05	0.328032	-3.04848	0.918354	1.01417	1.01417	0.00328502	0.577023	-1.73303	36.8762	11.0048	0.265267	1
cg21486694	0.0152262	0.695404	-1.43801	3.01E-05	2.70383	2.70383	0.0104084	0.674914	-1.48167	0.000539702	0.519013	-1.92674	20.7337	4.87741	0.209103	1
cg07605062	0.0295524	0.631898	-1.58253	0.00307609	0.483852	-2.06675	0.0527752	0.674075	-1.48351	0.000450563	0.37119	-2.69404	15.0003	7.62523	0.451856	1
cg17303845	0.0115316	1.48123	1.48123	0.00201653	1.71892	1.71892	0.667718	0.947715	-1.05517	0.100127	1.25109	1.25109	7.04721	1.72579	0.217679	1
cg22334548	0.210219	1.23468	1.23468	0.00246445	1.95866	1.95866	0.747374	0.949709	-1.05295	0.16432	1.26733	1.26733	5.5559	2.2431	0.358873	1
cg13701510	0.00686307	0.613858	-1.62904	0.00728945	0.617307	-1.61994	0.199501	1.20799	1.20799	0.856411	0.975068	-1.02557	4.38593	1.34976	0.273553	1
cg20716738	0.632503	0.925933	-1.07999	0.12069	1.30843	1.30843	0.811951	1.0388	1.0388	0.835853	1.03369	1.03369	3.52856	1.42572	0.359157	1
cg13278334	0.661863	1.03639	1.03639	0.009239	1.30782	1.30782	0.012534	0.777052	-1.28692	0.0370924	1.21727	1.21727	5.3057	0.554381	0.092878	1
cg10612915	2.16E-05	0.222131	-4.50186	1.13E-06	0.107853	-9.27186	0.542313	1.11471	1.11471	3.12E-05	0.239335	-4.17824	53.281	26.1584	0.436402	1
cg14538374	0.557518	1.31439	1.31439	0.000104077	0.0423304	-23.6237	0.762998	0.869902	-1.14955	0.261445	1.7155	1.7155	7.17808	24.1449	2.98995	1
cg05889321	0.802429	0.96486	-1.03642	0.0138003	0.647726	-1.54386	0.0665839	0.74564	-1.34113	0.568268	1.08577	1.08577	6.91961	2.23124	0.286624	1
cg17287984	0.218157	0.917581	-1.08982	0.00296938	0.762817	-1.31093	0.00145563	0.736867	-1.3571	0.0124759	0.813495	-1.22926	6.8397	0.477632	0.0620732	1
cg12211962	0.148158	1.86385	1.86385	0.267688	1.57502	1.57502	0.0200549	3.40441	3.40441	0.0136831	3.88103	3.88103	10.1394	19.2099	1.18411	1
cg05123019	0.0127079	0.249136	-4.01387	0.000949299	0.109578	-9.12593	0.272863	0.5992	-1.66889	0.468683	0.718296	-1.39218	4.84953	15.4694	2.83545	1
cg26892368	0.0178046	0.290417	-3.44333	0.101497	0.463251	-2.15866	0.883582	1.0649	1.0649	0.969531	0.983741	-1.01653	4.76146	12.3464	2.59298	1
cg26169020	0.391527	0.809769	-1.23492	0.000653026	0.284824	-3.51094	0.809717	0.943667	-1.0597	0.280544	0.763685	-1.30944	4.06716	3.72127	0.813293	1
cg01812894	0.11699	0.381373	-2.6221	0.0199172	0.203788	-4.90707	0.00452365	0.117466	-8.5131	0.152086	0.41957	-2.38339	5.12241	25.9972	4.51128	1
cg12382153	0.0123749	0.548377	-1.82356	0.00478462	0.485527	-2.05962	1.36E-05	5.7867	5.7867	0.0680146	1.4834	1.4834	17.4332	10.2785	0.524084	1
cg09162949	0.0593441	1.66021	1.66021	0.917755	0.975701	-1.0249	0.000494602	3.6649	3.6649	0.128188	1.47942	1.47942	7.58772	6.81581	0.798461	1
cg00930873	0.556414	0.802512	-1.24609	0.0905222	0.501699	-1.99323	0.000897252	6.28712	6.28712	0.0360409	2.46409	2.46409	5.53458	11.9892	1.92555	1
cg13518442	0.00934883	0.396091	-2.52468	0.0038844	0.335366	-2.98182	0.0327033	2.01802	2.01802	0.665865	1.12983	1.12983	5.34554	6.68314	1.11131	1
cg12031962	0.049967	0.184663	-5.41528	0.00374079	0.0519132	-19.2629	0.174063	0.335317	-2.98225	0.175095	0.336305	-2.97349	5.24002	47.3874	8.03854	1
cg07721203	0.575708	0.526307	-1.90003	?	?	?	0.00151586	178.655	178.655	0.0279291	19.0792	19.0792	4.79877	87.0556	18.1412	1
cg23699879	0.321193	0.47184	-2.11936	0.00478473	0.0642907	-15.5544	0.064538	4.58025	4.58025	0.313151	2.14804	2.14804	3.97127	33.7803	7.56105	1
cg02888131	0.0746311	1.84843	1.84843	0.264331	0.69774	-1.4332	0.012575	2.61183	2.61183	0.0422057	2.0626	2.0626	3.88635	5.89021	1.34721	1
cg19890277	0.385497	0.340826	-2.93405	0.619042	1.83386	1.83386	0.0130783	41.4352	41.4352	0.020658	29.1291	29.1291	3.69966	85.7665	20.6065	1
cg19619909	0.125412	0.497511	-2.01001	0.0021498	0.162994	-6.13519	0.0209789	0.310672	-3.21883	0.0587919	0.407193	-2.45584	4.88872	13.719	2.49445	1
cg14805347	0.217346	1.34	1.34	0.0953194	1.5117	1.5117	9.91E-08	49.5326	49.5326	0.314617	1.26426	1.26426	102.999	82.9485	0.715854	1
cg03365437	0.0204967	2.07489	2.07489	0.322097	0.765351	-1.30659	5.97E-05	6.96177	6.96177	0.00801781	2.43078	2.43078	28.8764	31.2599	0.962257	1
cg12437628	0.04172	0.539379	-1.85399	0.230433	0.718303	-1.39217	0.210805	0.706989	-1.41445	0.357884	0.779859	-1.28228	3.8334	4.19872	0.9736	1
cg13198321	0.433701	3.56079	3.56079	?	?	?	0.0160905	151.392	151.392	0.065752	30.001	30.001	4.41571	147.464	25.0465	1
cg26185340	4.62E-07	7.47229	7.47229	0.034472	0.70521	-1.41802	2.66E-05	3.24191	3.24191	0.0742121	1.32544	1.32544	40.4008	12.8333	0.282355	1
cg24227590	3.91E-05	0.457069	-2.18785	2.76E-05	2.27364	2.27364	0.0163147	1.33912	1.33912	0.0124735	1.36224	1.36224	27.1338	4.24932	0.139206	1
cg12539193	0.00529846	0.380084	-2.631	0.0103696	2.33918	2.33918	0.00015273	0.180996	-5.52498	0.907033	1.03123	1.03123	9.33271	10.2409	0.975389	1
cg07465028	0.000337335	0.192835	-5.18577	0.170357	0.659754	-1.51572	0.00105886	0.251823	-3.97105	0.241588	0.705308	-1.41782	8.46806	10.8798	1.14205	1
cg19510698	0.222506	0.746093	-1.34031	0.000850609	3.14382	3.14382	0.366525	1.2361	1.2361	0.306566	1.27361	1.27361	5.84573	4.83313	0.734914	1
cg17919396	0.186284	0.591777	-1.68982	0.0475244	0.427992	-2.33649	0.247701	0.636036	-1.57224	0.600959	0.820708	-1.21846	5.68415	12.6203	1.97357	1
cg12791065	0.00633635	3.12137	3.12137	0.24214	1.48002	1.48002	0.00268614	3.77594	3.77594	0.381843	1.33274	1.33274	5.19443	8.4378	1.44391	1
cg26677892	0.0101115	0.52214	-1.9152	0.0304267	1.66437	1.66437	0.0934329	0.691078	-1.44702	0.81218	0.953449	-1.04882	4.72753	3.00265	0.56457	1
cg25943719	0.0739606	0.50289	-1.98851	0.00482219	0.275091	-3.63515	0.0159559	0.36115	-2.76893	0.882316	1.05246	1.05246	4.68991	8.84871	1.67712	1
cg26824516	0.125308	2.52074	2.52074	0.593952	1.34968	1.34968	0.000423342	22.466	22.466	0.526029	1.43054	1.43054	4.44359	21.8557	4.37197	1
cg26509022	0.0725429	3.90616	3.90616	0.805045	1.18314	1.18314	0.000539826	38.8361	38.8361	0.217933	2.41422	2.41422	4.2907	31.4268	6.51058	1
cg10336108	0.0235604	4.29747	4.29747	0.07126	2.96337	2.96337	0.0016485	11.3494	11.3494	0.157011	2.26163	2.26163	4.09187	18.8406	4.09281	1
cg15671705	?	?	?	0.317674	0.426348	-2.3455	0.884581	0.889277	-1.12451	0.00450321	0.023306	-42.9075	5.28096	27.8071	5.26553	1
cg10504066	0.723091	1.16212	1.16212	0.00832891	4.15429	4.15429	0.020829	3.23738	3.23738	0.0845302	2.23846	2.23846	3.45678	9.76435	2.51084	1
cg14221617	0.43426	0.83268	-1.20094	0.40188	1.21762	1.21762	0.293539	1.2841	1.2841	0.00114842	0.333944	-2.99452	11.424	9.52963	0.74149	1
cg00467553	0.835131	0.953324	-1.04896	0.00102339	0.3274	-3.05437	0.596135	1.13052	1.13052	0.570794	0.87687	-1.14042	5.91223	4.92584	0.740587	1
cg05837401	0.00028786	2.03693	2.03693	4.19E-08	10.1994	10.1994	4.43E-09	21.9144	21.9144	0.142319	1.20881	1.20881	147.758	33.8286	0.203507	1
cg11009245	0.00149297	1.70561	1.70561	7.82E-05	2.30046	2.30046	9.60E-09	15.1036	15.1036	0.31188	1.12973	1.12973	74.7338	16.0897	0.191372	1
cg10761979	0.000476062	1.96826	1.96826	2.60E-07	6.60395	6.60395	4.45E-08	10.6531	10.6531	0.0387014	1.34385	1.34385	73.2273	17.6725	0.214523	1
cg02119848	0.00223939	0.429437	-2.32863	0.000111692	0.261424	-3.8252	0.0629198	0.661511	-1.51169	0.00179426	0.415876	-2.40456	22.4836	13.8902	0.549149	1
cg14857193	0.575719	1.07799	1.07799	0.0258789	0.703737	-1.42099	0.483495	0.90975	-1.0992	0.0702596	0.764312	-1.30837	9.60138	2.68279	0.248371	1
cg27282530	0.0475834	3.73936	3.73936	0.00105946	16.7448	16.7448	0.000212046	36.725	36.725	0.00786093	7.28042	7.28042	9.47425	50.8417	4.77005	1
cg07800320	0.0825558	1.27271	1.27271	0.000279339	0.474528	-2.10736	0.037221	0.738373	-1.35433	0.536465	0.924496	-1.08167	7.71437	1.92174	0.221432	1
cg03825231	0.0654396	2.34269	2.34269	0.00520016	4.56422	4.56422	0.00024765	12.0733	12.0733	0.181781	1.79234	1.79234	7.61381	20.4377	2.38604	1
cg06240450	0.0204597	0.592781	-1.68696	0.000139767	0.291854	-3.42637	0.524332	0.886209	-1.1284	0.891421	0.974752	-1.0259	7.54665	4.18981	0.4935	1
cg01566526	0.0279353	0.415795	-2.40503	0.248341	1.5034	1.5034	2.53E-06	46.773	46.773	0.0510486	2.1187	2.1187	20.8583	37.7112	1.60708	1
cg07456485	0.428706	0.858278	-1.16512	0.366947	1.19163	1.19163	0.28927	1.23131	1.23131	0.0175554	1.72748	1.72748	8.73976	4.95278	0.503729	1
cg14255981	0.000667691	0.225097	-4.44253	0.591173	0.85617	-1.16799	0.764316	1.08993	1.08993	0.00608026	0.358503	-2.78938	8.10767	10.5313	1.1546	1
cg16527105	0.21259	0.726103	-1.37722	0.322907	0.779635	-1.28265	0.42889	1.21761	1.21761	0.0357183	0.551092	-1.81458	7.84821	7.38793	0.836758	1
cg16204509	0.0601319	0.503543	-1.98593	0.0389848	0.461543	-2.16665	0.0585304	0.500817	-1.99674	0.0264142	2.34369	2.34369	7.08021	11.7393	1.47382	1
cg04892391	0.0305644	0.573719	-1.74301	0.000736608	0.325885	-3.06857	0.465739	0.85018	-1.17622	0.90265	0.9736	-1.02712	7.02024	5.31536	0.673021	1
cg12910175	0.641574	1.10072	1.10072	0.00637079	0.483449	-2.06847	0.148438	1.3734	1.3734	0.809347	1.05072	1.05072	3.99199	2.64923	0.589898	1
cg16423624	0.443565	0.923546	-1.08278	0.000385955	1.77995	1.77995	0.37595	0.911636	-1.09693	0.00732419	0.703266	-1.42194	12.6005	2.06881	0.145942	1
cg12142865	0.033849	0.339866	-2.94234	0.00112242	0.123758	-8.08026	0.703321	1.18137	1.18137	0.132587	0.493158	-2.02775	7.42058	22.3001	2.67126	1
cg05212570	0.0207605	0.180148	-5.55099	0.00216043	0.0705687	-14.1706	0.145648	0.382159	-2.61671	0.0557776	0.263338	-3.7974	5.91921	35.5382	5.33678	1
cg16290534	0.375193	0.833697	-1.19948	0.0292107	1.6711	1.6711	0.949524	1.01273	1.01273	0.537581	0.882723	-1.13286	3.50134	2.21461	0.562226	1
cg21470387	0.052332	0.712171	-1.40416	7.37E-05	0.330079	-3.02958	0.899106	1.0197	1.0197	0.208501	1.22623	1.22623	10.2394	3.83687	0.333082	1
cg15796819	0.0235272	0.389307	-2.56867	0.47716	0.777181	-1.2867	0.0110906	0.329326	-3.0365	0.0746603	0.500317	-1.99873	4.84035	9.32428	1.71233	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. Chang 2T)	p-value(1047T vs. N)	p-value(1047T vs. Chang 47T)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. Chang 37T)	p-value(5 vs.563T)	Fold-Change(5 vs.563T)	p-value(637T vs. N)	Fold-Change(1 vs.637T)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19435033	ALDH3A1;ALDH3A1;ALDH3A1	0.0029021	0.172139	1.26865	0.26065	0.0322166	1.49148	1.49148	0.00244174	1.95841	1.95841	0.00217533	0.468212	-2.13579	0.5274418	1.10744	1.10744	0.218179	0.831474	-1.2265	0.01900955	1.57161	1.57161	0.0234415	1.54628	1.54628	0.0394548	1.4618	1.4618	8.6428	3.477303	0.357603	1
cg04209650	ALDH3A1;ALDH3A1;ALDH3A1	0.0135547	0.85126	1.0574	0.212848	1.47708	1.47708	0.4285021	1.27165	1.27165	0.65087	0.873324	-1.14505	0.6684698	0.879973	-1.1364		0.20059	1.4947	1.4947	0.00856115	0.3689514	-2.71066	0.0646703	0.5305577	-1.8533	0.00153656	3.87703	3.87703	5.35642	7.49862	1.24438	1
cg05447343	ALDH3A1;ALDH3A1;ALDH3A1	0.0379761	0.021353	0.374995	-2.66671	0.209934	0.623052	-1.605	0.280308	0.67169	-1.48878	0.951834	0.978807	-1.02165	0.00557764	0.275037	-3.63588	0.197809	0.550146	-1.8177	0.675073	0.8310036	-1.20312	0.46721	0.7226005	-1.38371	0.9098002	0.951466	-1.05101	3.71446	11.3375	2.71313	1
cg01793966	ALDH3A1;ALDH3A1;ALDH3A1	0.0190895	0.0606539	0.207266	-4.82426	0.0637529	0.400152	-2.49655	0.662018	1.213	1.213	0.3698	0.663954	-1.50615	0.00296813	0.166953	-5.9897	0.0731228	0.6914843	-1.4462	0.2107079	0.7925151	-1.26239	0.130903	0.824245	-1.21323	0.439135	0.776505	0.197696	1
cg26525147	ALDH3A1;ALDH3A1;ALDH3A1	0.0461838	0.644751	0.946468	-1.05656	0.59495	0.938389	-1.06566	0.00583629	0.651975	-1.5338	0.933526	1.00993	1.00993	0.00312178	0.691483	0.149641	0.281618	1.14179	1.14179	0.491958	1.08623	1.08623	0.0770197	0.792151	-1.26239	0.130903	0.824245	-1.21323	0.439135	0.776505	0.197696	1
cg11475454	1 ALDH3A1;ALDH3A1;ALDH3A1;ALDH3A	0.00374492	0.00122699	0.584911	-1.70966	0.0498237	0.775879	-1.28886	0.172388	0.848118	-1.17908	0.823224	0.974941	-1.0257	0.00602529	0.548762	-1.82228	0.0683542	1.26044	1.26044	0.922895	0.989079	-1.01104	0.0370087	0.759792	-1.31615	0.139558	1.19762	1.19762	8.00973	1.632101	0.181114	1
cg23098051	1 ALDH3A1;ALDH3A1;ALDH3A1;ALDH3A	0.0108377	0.00757186	0.575538	-1.7375	0.203881	1.24067	1.24067	0.486267	0.892463	-1.12049	0.308865	1.18456	1.18456	0.0198772	0.636295	-1.5716	0.00547939	1.79922	1.79922	0.18248	1.2555	1.2555	0.809186	0.961842	-1.03967	0.0389976	1.46852	1.46852	5.76002	2.35926	0.364082	1
cg15046965	1 ALDH3A1;ALDH3A1;ALDH3A1;ALDH3A	0.0278402	0.740351	1.07925	1.07925	0.365791	0.808089	-1.23749	0.142952	1.43482	1.43482	0.0665494	1.60287	1.60287	0.142272	0.696458	-1.43584	0.13429	1.44814	1.44814	0.0171361	0.5113631	-1.94692	0.317545	1.26735	1.26735	0.00958877	2.12142	2.12142	4.19623	3.49404	0.740335	1
cg06380079	1	0.0411381	0.0299314	0.454365	-2.20087	0.240062	0.683921	-1.46216	0.576216	0.839966	-1.19053	0.213864	1.49812	1.49812	0.00463673	0.312205	-3.20303	0.624054	0.858507	-1.16481	0.0913588	0.563144	-1.77574	0.38517	0.759594	-1.31649	0.119497	1.68498	1.68498	3.6452	5.50671	1.34382	1
cg27203305	ALDH2;ALDH2;ALDH3A2	6.07E-05	0.000873542	1.58508	1.58508	0.0122921	0.749978	-1.33337	5.83E-06	0.390528	-2.56064	0.000437888	1.66968	1.66968	0.640888	0.95758	-1.0443	0.208376	0.884813	-1.13018	0.00138483	0.651958	-1.53384	0.450022	1.0736	1.0736	0.20577	1.13106	1.13106	25.2862	3.40956	0.119856	1
cg05301609	ALDH2;ALDH3A2;ALDH3A2	0.0034719	0.00020245	0.112511	-8.88802	0.129424	0.563106	-1.77587	0.441606	0.759542	-1.31658	0.0475497	0.451862	-2.21307	0.00161863	0.205159	-4.87427	0.0667231	0.486468	-2.05563	0.3512288	0.754441	-1.3997	0.075	0.49906	-2.00377	0.00170785	2.080052	4.80649	3.119554	15.9442	7.32972	1
cg09369748	ALDH2;ALDH3A2;ALDH3A2	0.0474504	0.0853857	0.840139	-1.19028	0.1418357	0.865419	-1.15551	0.0027645	0.583565	-1.71408	0.0134771	0.18367	0.18367	0.00203648	0.565572	-1.76812	0.273919	0.900626	-1.11034	0.770465	0.102714	1.02714	0.848913	1.01761	1.01761	0.142068	0.865495	1.15541	7.60886	0.937835	0.117913	1
cg12797609	ALDH2;ALDH3A2;ALDH3A2	0.018339	0.010621	0.478419	-2.09022	0.597151	0.884803	-1.13019	0.0191258	0.521682	-1.91688	0.0580422	0.61163	-1.63498	0.00397239	0.324262	-3.08392	0.902915	0.972386	-1.0284	0.666885	1.10447	1.10447	0.678981	0.90892	-1.10021	0.2049	0.73569	-1.35927	4.8446	4.04029	0.741314	1
cg25638641	ALDH2;ALDH3A2;ALDH3A2	0.0163205	0.894123	1.02143	1.02143	0.0498509	0.699636	-1.42931	0.179571	0.786475	-1.25553	0.0680358	0.721636	-1.38574	0.00459757	0.547626	-1.82606	0.869509	0.974095	-1.02659	0.336257	1.17149	1.17149	0.649942	0.932802	-1.07204	0.00578496	0.593669	-1.68444	3.815153	1.53998	0.358704	1
cg14539102	ALDH2;ALDH3A2;ALDH3A2	0.0476004	0.212823	1.39427	-1.39158	0.0199358	2.076563	2.076563	0.06931087	1.68825	1.68825	0.712269	1.09664	1.09664	0.481965	0.608224	-1.64408	0.225607	0.738725	-1.35736	0.0821943	0.6090479	-1.64182	0.490336	1.19771	1.19771	0.0988843	0.627568	-1.59345	3.451585	3.62457	0.933366	1
cg16313944	ALDH3B1	0.00829829	0.845546	0.920753	-1.08607	0.03935582	0.193542	-5.16684	0.374199	1.47129	1.47129	0.874994	0.935526	-1.06892	0.00503761	0.207975	-4.80827	0.442271	1.39328	1.39328	0.291014	1.59019	1.59019	0.00279432	0.174764	-5.72201	0.0247282	0.32243	-3.10144	6.27139	17.7997	2.52288	1
cg19933414	ALDH3B1	0.0139015	0.0060365	0.340371	-2.93826	0.0314577	0.5786	-1.65802	0.0137271	0.697605	-1.50606	0.0476836	0.289236	-3.45738	0.0192158	0.469431	-2.13101	0.0245532	0.238257	-4.1975	0.566797	0.728214	-1.37322	0.00343856	0.113402	-8.81816	0.0125696	0.18239	-5.4753	5.3122	25.3475	4.22466	1
cg24397114	ALDH3B1	0.029715	0.306721	1.24209	1.24209	0.19591	1.32339	1.32339	0.0158835	1.83148	1.83148	0.144692	1.37844	1.37844	0.0478088	0.629012	-1.5898	0.0542679	0.639234	-1.56437	0.0376463	1.63889	1.63889	0.549093	1.13224	1.13224	0.191626	0.753358	-1.32739	4.1007	2.72598	0.590898	1
cg11515702	ALDH3B1;ALDH3B1;ALDH3B1	0.00145964	0.0014556	0.184795	-5.41178	0.0172317	0.297224	-3.3644	0.0815075	0.5772	-1.73284	0.0321681	0.390882	-2.55872	0.0148114	0.300288	-3.32973	0.0006165	0.0873184	-11.4521	0.0022868	0.227871	-4.38811	0.0017252	0.0762	-13.1206	0.0026471	0.221847	-4.50962	0.00134	0.000399	0.889178	1
cg27145347	ALDH3B1;ALDH3B1;ALDH3B1	0.00334121	0.00107158	0.118696	-8.42491	0.705268	0.845714	-1.18243	0.0131927	0.257936	-3.87694	0.00344185	0.173399	-5.76705	0.0151326	0.268141	-3.72938	0.143636	0.500089	-1.99965	0.00048652	0.0897085	-11.1472	0.0759954	0.417999	-2.39235	0.00765947	0.220548	4.53417	8.28804	25.5299	2.73807	1
cg01408871	ALDH3B1;ALDH3B1;ALDH3B1	0.00595927	0.00251677	0.515734	-1.93898	0.55581	0.910248	-1.0986	0.389261	0.870006	-1.14902	0.325129	0.851832	-1.17394	0.00431286	0.415498	-2.40605	0.0315375	0.671672	-1.48882	0.282014	0.6643414	-1.50525	0.014772	0.622824	-1.60559	0.00819495	0.586299	-1.70561	6.95376	2.74342	0.350688	1
cg25864978	ALDH3B1;ALDH3B1;ALDH3B1	0.00655145	0.188765	0.779165	-1.28405	0.0247836	0.715466	-1.39769	0.0196256	0.859561	-1.16392	0.107099	0.591282	-1.69125	0.0119282	0.71296	-1.40262	0.533447	1.10287	1.10287	0.0194348	0.562641	-1.77655	0.0139234	0.472887	-2.11924	0.550594	1.895726	-1.11641	6.75283	3.56537	0.468132	1
cg20157095	ALDH3B1;ALDH3B1;ALDH3B1	0.0183225	0.00722742	0.438337	-2.28135	0.0208382	0.515912	-1.93831	0.00698392	0.435961	-2.29378	0.126194	0.674564	-1.48244	0.0297308	0.544028	-1.83814	0.624196	1.12467	1.12467	0.728466	0.920418	-1.08646	0.0118759	0.473673	-2.11116	0.0293096	0.542875	-1.84204	4.84607	4.34537	0.797047	1
cg18229767	ALDH3B1;ALDH3B1;ALDH3B1	0.0224104	0.00319854	0.448155	-2.23137	0.713359	0.928473	-1.07704	0.515841	0.792845	-1.26172	0.0768455	0.532603	-1.87811	0.0118173	0.710888	-1.40675	0.0145667	0.546041	-1.83155	0.548295	0.2412993	-4.14391	0.0216585	0.497394	-2.01046	0.00735552	0.604965	-1.65301	4.2e-05	2.88961	0.560582	1
cg18174530	ALDH3B1;ALDH3B1;ALDH3B1	0.0227568	0.0576243	0.517641	-1.93184	0.414599	0.774314	-1.29147	0.0409443	0.48502	-2.06177	0.0129737	0.388414	-2.57458	0.0204294	0.424468	-2.35589	0.0210162	0.426978	-2.34204	0.0183363	0.993376	-2.5421	0.00510481	0.321436	-3.11104	0.0633819	0.527127	1.87908	0.45031	0.70624	1.3243	1
cg02459915	ALDH3B1;ALDH3B1;ALDH3B1	0.0357599	0.125393	0.777075	-1.28688	0.29504	0.847779	-1.17955	0.130896	0.780331	-1.2815	0.374209	1.14876	1.14878	0.0907728	0.753262	-1.32756	0.157212	1.25864	1.25864	0.00510906	1.75527	1.75527	0.333199	0.85917	-1.16391	0.2218841	0.822644	-1.21559	3.83715	1.40526	0.325534	1
cg26241658	ALDH3B1;ALDH3B1;ALDH3B1	0.0375331	0.0153637	0.5407	-1.84926	0.183256	0.902725	-1.10774	-1.65744	0.607952	-1.64523	0.0978816	0.511611	-1.95493	0.0108353	0.719185	-1.39059	0.0245532	0.238257	-4.1975	0.566797	0.728214	-1.37322	0.00343856	0.113402	-8.81816	0.0125696	0.18239	-5.4753	5.3122	25.3475	4.22466	1
cg21631409	ALDH3B2	0.0476333	0.0440802	0.338765	-2.95189	0.0771723	0.398733	-2.50795	0.0747209	0.394989	-2.53172	0.0989539	0.217344	-4.601	0.0264358	0.291851	-3.42641	0.121206	0.455544	-2.19518	0.0595209	0.369659	-2.70519	0.0175794	0.258757	-3.86463	0.0726078	0.391694	-2.55301	3.45095	11.9668	3.0824	1
cg09880269	ALDH3B2;ALDH3B2	0.386-06	0.164208	0.880587	-1.13586	0.648215	0.768825	0.767825	0.225776	0.44916	-2.22675	0.44916	-2.22675	0.225776	0.44916	-2.22675	0.44916	0.687054	0.975	1.02564	0.976306	1.07556	1.07556	0.038-05	0.929791	-1.44977	0.0013082	0.471935	1.18944	0.31255	1.36047	0.982545	1
cg00276214	ALDH3B2;ALDH3B2	1.52E-05	0.000603023	0.340289	-2.93868	0.00161247	0.395456	-2.52873	1.82E-05	0.166382	-6.01025	0.140811	0.722515	-1.38405	4.07E-07	0.0517034	-19.3411	0.000247413	0.288924	-3.46112	0.000424483	0.318139	-3.14328	0.00898994	0.50583	-1.97695	0.000444515	0.320691	3.11827	36.3611	24.2413	0.592605	1
cg01108702	ALDH3B2;ALDH3B2	5.17E-05	8.75E-06	0.140642	-7.11025	0.100367	0.693667	-1.44161	0.0147085	0.543264	-1.84073	0.0774496	0.48935	-1.48935	4.15E-05	0.114618	-8.72465	0.289108	0.799636	-1.25057	0.160921	1.355566	1.35566	0.0774218	0.671075	-1.49015	0.00296754	0.436668	-2.29007	26.3864	17.2551	0.581279	1
cg24563501	ALDH3B2;ALDH3B2	0.00121374	0.160205	0.7944	-1.25868	0.0184841	1.69113	1.69113	0.216-05	0.225755	-4.44138	0.344948	0.812445	-1.23095	0.522638	0.870799	-1.14838	0.859097	0.962768	-1.03847	0.6119991	1.36789	1.36789	0.00362594	0.324981	-3.0771	0.854731	1.0991	1.11355	8.40497	0.641867	1
cg23851532	ALDH3B2;ALDH3B2	0.00133432	0.0431547	0.71995	-1.38899	0.00147675	0.523133	-1.91156	0.000652634	0.478058	-2.09179	0.0755474	0.756239	-1.32233	0.484704	0.904579	-1.10549	0.814607	1.03373	1.03373	0.0310979	1.42956	1.42956	0.000357638	0.445293	-2.24571	0.0145956	0.653911	-1.52926	10.8379	3.42376	0.280807	1
cg16382786	ALDH3B2;ALDH3B2	0.00186202	0.00408412	0.5155	-1.94009	0.0497597	1.2731	1.2731	0.0814703	0.828938	-1.20608	0.0400408	0.596411	-1.67651	0.0130112	0.310022	-3.22594	0.0373416	0.569085	-1.7301	0.0336605	0.3904156	-2.56137	0.0077402	0.394452	-2.53511	0.0196258	0.429032	-2.38645	0.9462	0.0016258	0.381677	1
cg27123351	ALDH3B2;ALDH3B2	0.00365041	0.0839441	1.57802	1.57802	0.0582448	1.66331	1.66331	0.0296574	1.84162	1.84162	0.0976482	0.458647	-2.18032	0.022787	1.91562	-1.91562	0.672133	0.903441	1.10688	0.0026158	0.427533	-2.339	0.0090058	0.45288	1.67743	1.67743	0.07141	1.27373	0.803142	1
cg11490276	ALDH3B2;ALDH3B2	0.00709469	0.9141799	1.05294	1.05294	0.372019	0.64493	-1.55056	0.00967687	0.208752	-4.79038	0.0237122	0.274684	-3.64054	0.0529932	0.349126	-2.86429	0.0658876	0.372494	-2.6846	0.000885645	0.0921924	-10.8469	0.00133863	0.107426	-9.30871	0.0568383	0.359326	-2.78299	6.58745	23.8931	3.22406	1
cg21606444	ALDH3B2;ALDH3B2	0.0129796	0.0526053	0.6494	-1.53985	0.0213316	0.73116	-1.36803	0.0419313	0.7836	-1.27611	0.0276289	0.612499	-1.63242	0.0178796	0.434079	-2.30391	0.0592775	0.651494	1.5296	0.0373416	0.3104012	-3.2212	0.0138423	0.359416	-2.78095	0.0196256	0.534666	-1.87009	1.31635	0.847741	0.949458	0.0535137	0.39007	1
cg20133014	ALDH3B2;ALDH3B2	0.0463006	0.876716	1.05948	1.05948	0.217334	0.616891	-1.62103	0.0361793	0.403868	-2.47606	0.344196	0.695837	-1.43712	0.111622	0.524713	-1.90581	0.132439	0.546469	-1.82993	0.00823628	0.284227	-3.51779	0.00459717	0.24563	-4.07116	0.357691	0.703248	-1.42197	4.48804	7.6523	1.5501	1
cg20420868	ALDH3B2;ALDH3B2	0.00152988	0.0959727	0.806805	-1.23968	0.0984209	0.856825	-1.16729	0.0196256	0.859561	-1.16392	0.107099	0.591282	-1.69125	0.0119282	0.71296	-1.40262	0.533447	1.10287	1.10287	0.0194348	0.562641	-1.77655	0.0139234	0.472887	-2.11924	0.550594	1.895726	-1.11641	6.75283	3.56537	0.468132	1
cg01366338	ALDH4A1;ALDH4A1;ALDH4A1	0.00028695C	0.00158296	0.378145	-2.64449	0.000326219	0.287859	-3.47392	0.000233139	0.270101	-3.70232	0.991382	0.997687	-1.00232	0.00033765	0.280709	-3.45174	0.0142186	0.522835	-1.91265	7.83E-05	0.2161227	-4.62691	0.00122021	0.362508	-2.75856	0.1319558	0.705659	-1.41711	16.6515	12.1242	0.647213	1
cg18895411	ALDH4A1;ALDH4A1;ALDH4A1	0.0125926	0.304553	1.0955	1.0955	0.419834	1.06778	1.06778	0.166464	1.04004	1.04004	0.98523	1.00146	1.00146	0.00882613	1.49029	-1.49029	0.0580454	0.84456	-1.1839	0.207268	0.900442	-1.11057	0.0566204	0.850275	-1.17609	0.0473787	1.19588	1.19588	0.54863	0.5492512	0.875391	1
cg23990041	ALDH4A1;ALDH4A1;ALDH4A1	0.0149212	0.104021	0.315977	-3.16479	0.00148068	0.511867	-1.95363	0.0324706	0.49736	-5.06648	0.642894	0.888062	-1.33525	0.0194832	0.33225	-3.01022	0.103295	0.315072	-3.17388	0.0675096	0.265076	-3.7725	0.199492	0.415353	-2.40759	0.707919	0.78353	1.22639	0.0401	0.779598	0.1915	1
cg26933809	ALDH4A1;ALDH4A1;ALDH4A1	5.47E-05	9.37E-05	0.497032	-2.01194	0.00302288	1.50377	1.50377	0.00746726	0.707697	-1.41303	2.85E-05	0.43801	-2.28305	0.00269137	0.659497	-1.51631	0.599229	1.05467	1.05467	0.0196173	1.32712	1.32712	0.00125963	0.623396	-1.60412	0.000115664	0.507419	-1.97076	25.9967	4.14808	0.141833	1
cg10028507	ALDH4A1;ALDH4A1;ALDH4A1	0.00776109	0.0209657	0.707252	-1.41403	0.1040861	0.782375	-1.27817	0.0037435	0.576876	-1.73347	0.0155458	0.745487	-1.34202	0.0012214	0.573882	-1.74252	0.0024639	0.559202	-1.78826	0.0575615	0.1225111	-8.16251	0.0727909	0.7535	-1.31839	0.0947202	0.776003	1.28865	0.44637	0.3798	0.268435	1
cg03224850	ALDH4A1;ALDH4A1;ALDH4A1	0.013478	0.623936	1.16947	1.16947	0.702363	0.885466	-1.12935	0.0672899	0.522241	-1.91482	0.194273	0.647218	-1.54507	0.00854575	0.345415	-2.89507	0.0175152	0.400095	-2.4994	0.000705871	0.1948558	-5.13194	0.0758659	0.534766	-1.86998	0.105436	0.57097	-1.7514	5.36638	8.53095	1.41307	1
cg12465399	ALDH4A1;ALDH4A1;ALDH4A1	0.0209105	0.179143	0.709112	-1.40967	0.0199424	0.508219	-1.96719	0.0189053	0.504218	-1.98317	0.626817	0.888696	-1.12534	0.0221051	0.556965	-1.79549	0.208437	1.81467	-1.22749	0.0756057	1.55551	1.55551	0.198316	0.8104477	-1.23384	0.0467299	0.703312	-1.42184	4.21783	1.55591	0.363631	1
cg09787554	ALDH4A1;ALDH4A1;ALDH4A1	0.0126252	0.932523	1.02037	1.02037	0.460777	1.19597	1.19597	0.742526	1.08167	1.08167	0.666817	0.90199	-1.10866	0.00252937	0.368502	-2.71369	0.01495	0.490345	-2.03938	0.575504	0.877947	-1.14423	0.040635	0.560576	-1.75569	0.368258	1.24619	1.24619	0.396229	0.798481	1
cg13844800	ALDH4A1;ALDH4A1;ALDH4A1	0.00649021	0.785679	1.04151	1.04151	0.7547	1.33131	1.33131	0.0413043	1.52438	1.52438	0.0988077	1.02321	1.02321	0.0111584	0.7387	-1.35387	0.588802	1.10255	1.10255	0.2722312	1.43178	1.43178	0.450341	1.14751	1.14751	0.0545642	1.47719	1.47719	0.330586	1.76353	0.4008	1
cg26407146	1 ALDH4A1;ALDH4A1;ALDH4A1;ALDH4A	0.00796805	0.373674	1.64049	1.64049	0.00117125	15.5038	15.5038	0.000576797	22.0564	22.0564	0.00260612	0.0929809	-10.7549	0.00326556	0.10252	-9.75416	0.254217	1.9099	1.9099	0.0492417	3.44623	3.44623	?	?	?	0.155234	0.436146	-2.29281	15.7161	63.1301	3.51478	1
cg02853781	1 ALDH4A1;ALDH4A1;ALDH4A1;ALDH4A	0.00267246	0.627547	0.907537	-1.10188	0.02825	1.672	1.672	0.63617	1.09918	1.09918	0.782786	0.946636	-1.05637	0.0257638	0.591281	-1.69124	0.190323	0.759405	-1.31682	6.89E-05	0.2360554	-4.23631	0.396897	0.841857	-1.18785	0.2245	1.28813	1.28813	8.85617	5.52316	0.554357	1
cg26791665	1 ALDH4A1;ALDH4A1;ALDH4A1	0.0441312	0.225708	0.543189	-1.84098	0.00866846	0.200891	-4.97784	0.0132554	0.229366	-4.35985	0.788241	1.13785	1.13785	0.060827	0.36286	-2.75589	0.558399	0.752843	-1.3283	0.010114	0.210873	-4.74219	0.899896	0.941417	-1.06223	0.599555	0.775583	1.28535	1.35132	12.9424	3.23946	1
cg25181691	ALDH2;ALDH3A1;ALDH3A1	0.00629016	0.0365444	0.153974	-6.49445	0.0243243	0.404876	-2.46976	0.0375	0.224477	-4.45393	0.0445983	0.149126	0.149126	0.00178357	0.130753	-7.65234	0.0933403	0.198528	-5.03846	0.0148453	0.383314	-2.60883	0.0170644	0.427314	1.42714	0.528018	0.157116	1.11716	6.838458	3.25219	0.422724	1
cg25375764	ALDH3A1;ALDH5A1	0.0327646	0.0376716	0.468457	-2.13467	0.0689505	1.90775	1.90775	0.203218	1.52571	1.52571	0.564213	0.832492	-1.20121	0.016089	0.395962	-2.52549	0.447257	0.783772	-1.27588	0.0242851	0.429755	-2.32691	0.0415599	0.47754	-2.09407	0.4690991	0.793121	-1.2607	3.96022	2.20495	1.39273	1
cg02580409	ALDH3A1;ALDH5A1	0.0421884	0.540512	1.1169	1.1169	0.507814	1.12736	1.12736	0.560193	1.11083	1.11083	0.103064	1.37462	1.37462	0.0836169	0.651711	-1.53442	0.004294	1.97667	1.97667	0.0467571	1.50113	1.50113	0.818896	0.959905	-1.04177	0.743127	0.940313	-1.06043	3.61132	1.82083	0.448177	1
cg03496970	ALDH3A1;ALDH5A1	0.0479358	0.0237786	0.659273	-1.51703	0.31291	0.868744	-1.15109	0.2372222	1.18166	1.18166	0.422489	1.11678	1.11678	0.704433	0.949207	-1.0533	0.664396	1.06061	1.06061	0.00375822	1.69432	1.69432	0.0929525	1.05168	1.05168	0.894987	0.982355	-1.01766	3.44271	0.990797	0.255819	1
cg23667592	ALDH3A1;LIN52	0.0188578	0.186083	0.71504	-1.39852	0.391706	1.23363	1.23363	0.147269	1.45075	1.45075	0.465477	0.83718	-1.19449	0.00216758	0.357128	-2.80012	0.11983	0.667794	-1.49747	0.0509747	0.587493	-1.70215	0.0426653	1.74775	1.74775	0.524103	1.16703	1.16703	4.79923	4.35114	0.805896	1
cg08675664	ALDH7A1	0.000442	0.000442	0.17458	-5.72631	0.126231	0.18692	-5.34837	0.0488588	-1.0542	8.79E-07	0.184798	1.84798	0.199986	1.1499	-1.1499	0.010908	0.0116421	0.115425	1.14239	0.1114239	0.013362	1.01908	0.0116421	1.19305	0.388815	0.105936	0.0844818	3.51109	0.105936	0.104746	1
cg01814098	ALDH7A1	0.000650115	0.510735	0.789585	-1.26649	0.483384	0.776914	-1.28714	0.0162993	0.327207	-3.05617	2.03E-05	57.7071	57.7071	0.0305019	0.386015	2.59057	0.038586	1.43998	1.43998	0.300716	1.92521	1.92521	0.963516	1.03306	0.7717202	-1.39431	0.370481	1.38699	1.38699	21.7014	0.82428	1
cg04200010	ALDH7A1	0.00492613	0.00294575	0.445751	-2.2434	0.707768	0.928188	-1.07737	0.316508	0.814703	-1.22744	0.0369982	0.618576	-1.61662	0.15142	0.73772	-1.35553	0.331142	0.820015	-1.21949	0.036836	1.61587	1.61587	0.420436	1.17691	1.17691	0.000407833	0.329104	-3.03855	7.372	4.5725	0.551335	1
cg08276641	ALDH7A1	0.00826

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25834869	ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG	0.0108265	0.143622	0.591613	-1.69029	0.161562	0.606921	-1.64766	0.337428	1.39145	1.39145	0.315315	0.706928	-1.41457	0.000557596	5.98076	5.98076	0.0835255	0.527369	-1.89621	0.075992	1.93402	1.93402	0.377227	0.738846	-1.35346	0.761807	0.903437	-1.10688	5.76195	10.1826	1.57086	1
cg21850668	ALG14	0.00217786	0.0147982	1.42475	1.42475	0.092691	1.24408	1.24408	0.775022	0.966739	-1.0344	0.00179482	1.68936	1.68936	0.0896589	0.801826	-1.24715	0.00133319	0.576568	-1.7344	0.0314346	0.742378	-1.34702	0.0310747	0.741749	-1.34816	0.162574	0.838635	-1.19241	9.40508	2.07554	0.196163	1
cg22441446	ALG14	0.003685	0.454371	1.24159	1.24159	0.65377	0.879882	-1.13652	0.593725	0.858406	-1.16495	0.885216	0.95992	-1.04175	0.000217299	0.148911	-6.71542	0.0739863	0.563549	-1.77447	0.0046327	3.05702	3.05702	0.975931	0.991494	-1.00858	0.0590602	1.85004	1.85004	9.42265	11.7133	0.966854	1
cg02673114	ALG14	0.00762207	0.0673508	0.692432	-1.44418	0.00316942	2.06013	2.06013	0.00102944	2.39179	2.39179	0.164697	1.30445	1.30445	0.14166	0.753265	-1.32755	0.567903	1.10905	1.10905	0.374853	1.1774	1.1774	0.810192	1.04409	1.04409	0.0419307	1.52248	1.52248	6.44133	3.27962	0.45258	1
cg06543424	ALG14	0.018391	0.962145	0.989061	-1.01106	0.0486607	0.593418	-1.68515	0.363387	0.805356	-1.24169	0.46702	0.842388	-1.1871	0.00032766	0.260536	-3.83825	0.642449	0.897314	-1.11444	0.0457333	0.588144	-1.70027	0.867172	0.961951	-1.03955	0.142713	0.694128	-1.44066	4.83999	4.11656	0.756027	1
cg09795087	ALG14	0.0198221	0.79766	0.94893	-1.05382	0.00398395	2.20301	2.20301	0.0102337	1.93574	1.93574	0.0331284	1.66237	1.66237	0.125869	0.713245	-1.40204	0.0258959	1.71539	1.71539	0.149193	1.37107	1.37107	0.883715	0.97058	-1.03031	0.735944	1.0715	1.0715	4.71886	3.11139	0.58609	1
cg24477193	ALG14	0.0221709	?	?	?	0.0363999	2.87805	2.87805	0.00902162	4.46073	4.46073	0.0298053	0.327376	-3.05459	0.43134	1.39421	1.39421	0.296437	1.56915	1.56915	?	?	?	0.21743	0.581048	-1.72103	0.0443406	2.71592	2.71592	5.98932	11.8549	1.69658	1
cg13559495	ALG14;ALG14	0.0164711	0.591293	0.94255	-1.06095	0.000953191	1.7116	1.7116	0.106786	1.21191	1.21191	0.540866	1.06991	1.06991	0.847628	1.02122	1.02122	0.00645081	1.47203	1.47203	0.666354	1.04849	1.04849	0.403395	1.09783	1.09783	0.0156769	1.38169	1.38169	5.02221	0.947661	0.167728	1
cg26272228	ALG14;ALG14	0.0343936	0.00211995	0.335164	-2.98361	0.907515	1.02985	1.02985	0.109997	1.55401	1.55401	0.276488	0.75093	-1.33168	0.110337	1.55324	1.55324	0.33223	0.776362	-1.28806	0.264292	0.744947	-1.34238	0.792551	0.935476	-1.06897	0.219446	1.38651	1.38651	3.89164	3.94695	0.901521	1
cg07473553	ALG1L	5.35E-05	0.0711519	0.730672	-1.3686	0.042338	1.4391	1.4391	0.00683132	0.579576	-1.7254	0.000351183	0.408937	-2.44536	0.0024073	0.517831	-1.93113	3.40E-05	0.286626	-3.48887	4.04E-06	0.189129	-5.28741	0.315689	0.850867	-1.17527	0.000676249	0.4453	-2.24568	26.1432	10.0342	0.341171	1
cg17790113	ALG1L	0.00488227	0.0230495	0.702903	-1.42267	0.864016	1.02248	1.02248	0.000887859	0.5242	-1.90767	0.0143396	0.675975	-1.47934	0.00643003	0.631447	-1.58366	0.157595	0.822007	-1.21653	0.013498	1.48681	1.48681	0.365841	0.886467	-1.12807	0.148953	0.818107	-1.22233	7.39213	1.96973	0.236856	1
cg19600442	ALG1L2	0.00727682	0.00704614	0.341644	-2.92702	0.00364115	0.297342	-3.36313	0.00450458	0.311178	-3.2136	0.0210842	0.425144	-2.35215	0.0560652	0.513131	-1.94882	0.0125437	0.383888	-2.60492	0.00717303	0.3429	-2.9163	0.00637663	0.334678	-2.98794	0.0175915	0.410381	-2.43676	6.5355	9.84052	1.3384	1
cg18780653	ALG1L2	0.0147094	0.0114437	0.350847	-2.85024	0.00364602	0.272071	-3.6755	0.00509771	0.293716	-3.40465	0.126679	0.578779	-1.72777	0.00528585	0.296125	-3.37696	0.0418778	0.46014	-2.17325	0.100058	0.550769	-1.81564	0.159666	0.608139	-1.64436	0.03958	0.45483	-2.19862	5.21429	9.04745	1.54233	1
cg13799772	ALG1L2	0.0198009	0.0842474	0.404742	-2.47071	0.00659529	0.188183	-5.31398	0.0025456	0.137682	-7.26309	0.545154	0.748287	-1.33639	0.0437483	0.333652	-2.99713	0.0458821	0.338357	-2.95545	0.151394	0.482905	-2.0708	0.260701	1.74281	1.74281	0.0717272	0.385921	-2.59121	4.72057	16.7646	3.1568	1
cg27226125	ALG1L2	0.0245649	0.0622569	0.486574	-2.05519	0.210656	1.57256	1.57256	0.392466	0.740312	-1.35078	0.031087	0.419562	-2.38344	0.00649828	0.296984	-3.36718	0.0278797	0.409881	-2.43973	0.056134	0.475945	-2.10108	0.04374	0.451299	-2.21583	0.0193804	0.378942	-2.63892	4.3839	8.17899	1.65839	1
cg13977604	ALG2;ALG2	0.000110025	0.000363022	0.191717	-5.21603	0.0191507	0.440766	-2.26878	0.0251441	0.463166	-2.15905	0.00152472	0.267441	-3.73914	0.0130868	0.410879	-2.4338	9.65E-05	0.134717	-7.42295	6.99E-06	0.0564317	-17.7206	0.648971	0.875956	-1.14161	0.000201871	0.164974	-6.06158	21.5815	28.5465	1.17576	1
cg07535475	ALG2;ALG2;SEC61B	0.0196533	0.320162	1.10329	1.10329	0.082137	1.20237	1.20237	0.0399719	1.25505	1.25505	0.866133	0.983985	-1.01628	0.027266	0.77881	-1.28401	0.658446	0.958323	-1.04349	0.00419046	0.692769	-1.44348	0.742285	1.03208	1.03208	0.0807304	1.20362	1.20362	4.73257	0.686299	0.128903	1
cg27606607	ALG3;ALG3;ALG3;ALG3	8.93E-05	0.00101047	0.346584	-2.88531	0.130112	0.701067	-1.4264	0.057139	0.626567	-1.596	0.913609	1.02385	1.02385	0.633576	0.900936	-1.10996	0.00489062	0.444778	-2.24831	1.49E-06	0.0707046	-14.1434	0.674912	0.912444	-1.09596	0.00033529	0.28467	-3.51284	22.822	17.0551	0.664276	1
cg15872043	ALG3;ALG3;ALG3;ALG3	0.0280984	0.385439	0.787195	-1.27033	0.00604181	0.381213	-2.62321	0.139801	0.652302	-1.53303	0.0363954	0.519911	-1.92341	0.573224	1.1654	1.1654	0.258134	0.728105	-1.37343	0.291689	1.34207	1.34207	0.743993	0.915649	-1.09212	0.00397148	0.35291	-2.83359	4.18261	4.79037	1.01805	1
cg19930943	ALG3;ALG3;ALG3;ALG3;ALG3;ECE2;ECE2	0.0316581	0.0494276	0.590078	-1.69469	0.785832	1.06617	1.06617	0.0151286	2.01817	2.01817	0.320079	0.785282	-1.27343	0.693573	0.911045	-1.09764	0.561875	1.14795	1.14795	0.0618252	0.609698	-1.64016	0.0518768	0.594261	-1.68276	0.017471	0.50631	-1.97508	4.00925	3.51438	0.779172	1
cg07780856	ALG3;ALG3;ECE2;ALG3;ECE2;ALG3	0.00845945	0.607156	0.939213	-1.06472	0.284031	1.14406	1.14406	0.961892	0.994239	-1.00579	0.000483031	0.515879	-1.93844	0.00268288	0.605443	-1.65168	0.666292	0.948887	-1.05387	0.290432	1.14188	1.14188	0.454318	1.09655	1.09655	0.366454	0.893865	-1.11874	6.23343	1.44367	0.205868	1
cg24371438	ALG3;ALG3;ECE2;ECE2;ALG3;ALG3	0.0141675	0.473807	0.776568	-1.28772	0.721342	1.13237	1.13237	0.408436	1.3411	1.3411	0.636866	0.847841	-1.17947	0.333095	0.707116	-1.4142	0.00769087	0.304576	-3.28326	0.000416225	0.14322	-6.98225	0.994253	1.0025	1.0025	0.951649	1.02127	1.02127	5.2792	10.0739	1.69621	1
cg13401876	ALG3;ECE2;ALG3;ECE2;ALG3;ALG3	0.00597408	0.000432041	0.462053	-2.16426	0.795268	0.96458	-1.03672	0.111079	1.27218	1.27218	0.362722	1.13853	1.13853	0.457847	1.11054	1.11054	0.017826	0.670692	-1.491	0.0112435	0.64375	-1.5534	0.10803	0.784127	-1.2753	0.398491	1.12737	1.12737	6.94844	2.1166	0.270769	1
cg13285088	ALG5;ALG5	0.000122633	0.0104727	1.29245	1.29245	0.000270857	0.621624	-1.60869	0.0165352	0.792048	-1.26255	4.11E-05	0.536562	-1.86372	0.177882	1.12075	1.12075	0.892541	1.01082	1.01082	0.192725	0.896045	-1.11602	0.000393412	1.56767	1.56767	0.0143642	1.27162	1.27162	20.9626	2.10474	0.0892485	1
cg00473044	ALG5;ALG5	0.00016572	0.0780604	1.16782	1.16782	0.0422538	0.830779	-1.20369	0.95343	0.995383	-1.00464	0.0377044	1.21046	1.21046	8.18E-06	0.462167	-2.16372	0.00458363	0.741509	-1.3486	0.00231447	1.40108	1.40108	0.146544	0.883835	-1.13143	0.0104096	0.774428	-1.29128	19.3301	1.92233	0.0883978	1
cg00126948	ALG5;ALG5	0.000586602	0.0964613	1.108	1.108	0.00020655	0.705247	-1.41794	0.0602821	1.12645	1.12645	0.00134833	1.29908	1.29908	0.275085	1.06589	1.06589	0.000181484	1.42743	1.42743	0.844764	1.01108	1.01108	0.699334	1.02205	1.02205	0.163652	1.08712	1.08712	13.6697	0.683622	0.0444534	1
cg07260062	ALG5;ALG5	0.0286599	0.0245148	0.196782	-5.08177	0.0221306	0.18925	-5.28403	0.203028	0.442475	-2.26002	0.348961	0.557074	-1.7951	0.00842439	0.129819	-7.703	0.0335432	0.221634	-4.51194	0.00506681	0.105563	-9.47299	0.918816	0.940012	-1.06382	0.0864284	0.316862	-3.15594	4.15351	24.2195	5.1832	1
cg09043750	ALG5;ALG5;EXOSC8	4.75E-05	0.0615219	1.59691	1.59691	0.309923	0.791756	-1.26302	0.0075114	2.14816	2.14816	0.914865	1.02405	1.02405	0.00150237	0.361808	-2.7639	7.84E-07	0.0524729	-19.0575	0.12416	0.690731	-1.44774	0.551226	1.14338	1.14338	0.413133	0.830324	-1.20435	26.985	21.1071	0.695269	1
cg11708795	ALG5;ALG5;EXOSC8	0.000513256	0.000689548	0.714535	-1.39951	0.717936	1.02381	1.02381	0.73597	0.978283	-1.0222	0.0716403	0.877664	-1.13939	0.144285	0.903255	-1.10711	9.68E-05	0.637776	-1.56795	0.00424744	1.28178	1.28178	0.406327	1.05666	1.05666	0.00493386	1.27325	1.27325	14.1871	0.945683	0.0592514	1
cg18289580	ALG6	0.000659431	0.304602	0.872769	-1.14578	0.341849	1.13356	1.13356	0.000106461	2.40002	2.40002	0.00355642	0.603135	-1.658	0.000860615	0.527016	-1.89747	0.0382363	0.735344	-1.35991	0.0419391	0.740771	-1.34995	0.742984	1.04302	1.04302	0.0764892	0.777064	-1.2869	13.2302	3.43312	0.230658	1
cg15832574	ALG6	0.00102388	0.102337	0.736995	-1.35686	0.00439616	0.522484	-1.91394	0.00143638	0.455352	-2.1961	0.0167591	1.64602	1.64602	0.00666838	1.82371	1.82371	0.0140921	1.67743	1.67743	0.672705	0.930037	-1.07523	0.454835	1.13877	1.13877	0.00159192	0.461394	-2.16735	11.688	5.39405	0.410224	1
cg04158046	ALG6	0.00131249	6.19E-05	0.0450562	-22.1945	0.0215204	0.31386	-3.18614	0.754823	1.14051	1.14051	0.808554	0.903141	-1.10725	0.000226886	0.0763515	-13.0973	0.372207	0.680789	-1.46888	0.0581675	0.407143	-2.45614	0.498242	0.749343	-1.3345	0.0881655	0.453986	-2.20271	10.8892	30.377	2.47968	1
cg27309287	ALG6	0.00279388	0.0750828	0.71945	-1.38995	0.84943	0.968921	-1.03208	0.00012006	3.05504	3.05504	0.0437916	0.680479	-1.46955	0.563234	0.907483	-1.10195	0.0299658	0.654305	-1.52834	0.486558	1.12461	1.12461	0.200154	1.25209	1.25209	0.0989571	1.35053	1.35053	8.74063	3.82003	0.388483	1
cg10508557	ALG6	0.0148369	0.0426738	0.556005	-1.79855	0.602501	0.876186	-1.14131	0.250789	0.739445	-1.35237	0.959391	0.987273	-1.01289	0.00070863	0.273142	-3.6611	0.0133904	0.462782	-2.16085	0.256652	0.742429	-1.34693	0.11518	1.53858	1.53858	0.243309	0.735569	-1.35949	5.19945	5.21076	0.890821	1
cg26883884	ALG6	0.0173637	0.285156	1.15109	1.15109	0.00531102	0.627749	-1.59299	0.0157658	0.687306	-1.45496	0.985732	1.00227	1.00227	0.237813	0.854931	-1.16969	0.570015	1.07548	1.07548	0.011825	1.48944	1.48944	0.270578	0.864681	-1.1565	0.115017	0.804759	-1.24261	4.93438	1.25551	0.226169	1
cg04574442	ALG8;ALG8	2.70E-05	0.0167713	0.861257	-1.16109	0.000112923	0.706778	-1.41487	2.85E-05	0.656527	-1.52317	0.00143032	1.26614	1.26614	0.811865	0.987873	-1.01228	0.029722	1.13988	1.13988	0.00122039	0.784938	-1.27399	0.127593	1.08796	1.08796	3.27E-05	1.51128	1.51128	31.3109	1.29839	0.03686	1
cg16185379	ALG8;ALG8	0.0217802	0.0376668	2.19037	2.19037	0.930741	0.972127	-1.02867	0.783545	0.914343	-1.09368	0.0711439	1.92617	1.92617	0.858866	0.94376	-1.05959	0.0115111	2.79505	2.79505	0.00486872	0.297029	-3.36667	0.196544	1.55903	1.55903	0.421775	1.30588	1.30588	4.56965	7.65405	1.48887	1
cg21074810	ALG8;ALG8	0.0477232	0.0228212	0.56335	-1.7751	0.0154553	0.534793	-1.86988	0.240799	1.29523	1.29523	0.0809608	0.665231	-1.50324	0.080351	0.664568	-1.50474	0.40848	0.836864	-1.19494	0.933442	0.982558	-1.01775	0.0977786	1.46617	1.46617	0.960895	1.01038	1.01038	3.44849	2.42361	0.624713	1
cg06523490	ALG9;ALG9	0.0439909	0.0432951	0.575652	-1.73716	0.0579722	1.66393	1.66393	0.27181	0.762026	-1.31229	0.562631	0.870171	-1.1492	0.00540457	0.418976	-2.38677	0.26276	0.75775	-1.3197	0.491321	0.846984	-1.18066	0.454169	1.19858	1.19858	0.0835832	0.634457	-1.57615	3.55554	3.17853	0.794637	1
cg26454371	ALG9;ALG9;ALG9;ALG9	0.000441559	0.00122666	0.730525	-1.36888	0.00758006	0.796066	-1.25618	0.00573782	0.786266	-1.27183	0.211732	1.09129	1.09129	0.000962031	0.721461	-1.38608	5.41E-05	0.606712	-1.64823	0.000347826	0.682508	-1.46519	0.169204	0.907321	-1.10215	0.438267	0.948852	-1.0539	14.791	1.03298	0.0620787	1
cg13035611	ALG9;ALG9;ALG9;ALG9	0.00129578	0.00825319	0.750236	-1.33291	0.0129965	1.29977	1.29977	0.0537387	1.2048	1.2048	0.00619673	1.35475	1.35475	0.141647	1.14388	1.14388	0.143559	0.874859	-1.14304	0.00520389	0.730764	-1.36843	0.102843	0.859152	-1.16394	0.000944128	0.657398	-1.52115	10.9292	1.25251	0.101868	1
cg11259591	ALG9;ALG9;ALG9;ALG9	0.00459798	0.00124707	0.172985	-5.78084	0.0157382	0.332503	-3.00749	0.0849203	0.492228	-2.03158	0.545681	1.25548	1.25548	0.00083791	0.154176	-6.48609	0.00388544	0.235349	-4.24901	0.632123	1.19657	1.19657	0.546782	0.797013	-1.25468	0.117537	0.53128	-1.88225	7.52833	16.5047	1.94876	1
cg05187583	ALG9;ALG9;ALG9;ALG9	0.00915242	0.545317	1.10772	1.10772	0.00278358	0.502002	-1.99202	0.016987	0.614763	-1.62664	0.0627898	0.70475	-1.41894	0.112054	1.33536	1.33536	0.0559017	0.696293	-1.43618	0.0484907	1.45753	1.45753	0.586522	1.09613	1.09613	0.023514	0.636247	-1.57172	6.07987	2.68993	0.393272	1
cg26157333	ALG9;ALG9;ALG9;ALG9	0.0171102	0.00538338	0.242241	-4.12811	0.928923	1.03512	1.03512	0.0528301	2.34334	2.34334	0.175363	0.572577	-1.74649	0.00520837	0.240144	-4.16416	0.484408	0.759619	-1.31645	0.233818	0.616959	-1.62085	0.0135071	0.306358	-3.26415	0.284604	0.650459	-1.53737	4.95876	11.7577	2.10765	1
cg14528835	ALG9;ALG9;ALG9;ALG9	0.0241938	0.0194302	0.336698	-2.97002	0.764003	1.12299	1.12299	0.0249339	2.79561	2.79561	0.742305	0.880634	-1.13554	0.00600003	0.250724	-3.98845	0.248966	0.628616	-1.5908	0.0829407	0.477286	-2.09518	0.04752	0.417604	-2.39462	0.549007	0.791682	-1.26313	4.40711	10.3593	2.0894	1
cg26418078	ALG9;ALG9;ALG9;ALG9	0.0347982	0.659604	0.914901	-1.09301	0.0471273	0.633913	-1.5775	0.00734064	0.499855	-2.00058	0.270797	0.794489	-1.25867	0.0146435	0.547122	-1.82775	0.131399	0.721231	-1.38652	0.0594134	1.53261	1.53261	0.854763	1.03745	1.03745	0.391089	0.838347	-1.19282	3.87523	2.47105	0.566803	1
cg17283266	ALG9;ALG9;ALG9;ALG9	0.0386333	0.0462876	0.311175	-3.21363	0.0905049	0.385291	-2.59544	0.16899	0.472664	-2.11567	0.0809886	0.37181	-2.68955	0.0167568	0.224715	-4.45009	0.0640022	0.344915	-2.89927	0.0030386	0.125361	-7.97696	0.0812312	0.372166	-2.68698	0.0629142	0.343038	-2.91513	3.73049	15.449	3.68115	1
cg00643897	ALK	1.77E-06	0.000459731	0.365332	-2.73723	3.45E-07	0.0676714	-14.7773	0.000571588	0.377602	-2.64829	0.000260716	0.334063	-2.99345	1.86E-06	0.114899	-8.70329	7.75E-05	0.270783	-3.69299	3.68E-07	0.0692007	-14.4507	9.99E-06	0.177038	-5.64852	0.000247058	0.33115	-3.01978	63.3637	33.457	0.469346	1
cg10179251	ALK	0.000116042	0.273347	0.833054	-1.2004	0.000193892	0.366046	-2.7319	0.0100532	0.5942	-1.68293	0.0006428	0.432024	-2.31469	9.41E-05	0.327792	-3.05071	7.08E-05	0.313128	-3.19359	2.52E-05	0.261711	-3.821	0.00479225	0.548898	-1.82183	0.00217561	0.502016	-1.99197	21.2756	8.65096	0.361434	1
cg09142141	ALK	0.000267203	0.610262	1.06432	1.06432	0.81922	1.02815	1.02815	0.000207901	0.471013	-2.12309	0.430061	0.906944	-1.1026	4.41E-05	0.391028	-2.55736	0.424856	1.10388	1.10388	0.000398152	1.9808	1.9808	0.480192	0.916651	-1.09093	0.182119	0.842206	-1.18736	16.979	3.95435	0.207019	1
cg06611768	ALK	0.000485611	0.00218261	0.381565	-2.62079	0.0383598	1.71235	1.71235	0.0174792	0.522893	-1.91244	0.216434	1.3385	1.3385	0.0199601	0.532843	-1.87673	0.931069	1.01958	1.01958	0.101817	0.669361	-1.49396	1.95E-05	0.143382	-6.97439	0.00810316	0.467703	-2.13811	14.4067	11.4632	0.707274	1
ch.2.729349R	ALK	0.000930999	0.000466173	0.266216	-3.75635	0.000170484	0.215034	-4.65043	0.00567201	0.417815	-2.3934	0.000464831	0.266061	-3.75853	0.0229264	0.519735	-1.92406	0.0168112	0.495778	-2.01703	0.00297613	0.375255	-2.66485	0.00892373	0.449305	-2.22566	0.4506	0.831217	-1.20305	12.0072	10.9984	0.814205	1
ch.2.731300R	ALK	0.00591442	0.00599682	0.153242	-6.52562	0.000937477	0.0758926	-13.1765	0.00652634	0.157863	-6.3346	0.0534008	0.317896	-3.14569	0.00127786	0.086005	-11.6272	0.329103	0.590922	-1.69227	0.0442786	0.299158	-3.34271	0.0448704	0.300449	-3.32835	0.0757461	0.35615	-2.8078	6.96999	30.1138	3.84044	1
cg14163665	ALK	0.0072477	0.264422	0.733047	-1.36417	0.000127627	0.168781	-5.92485	0.83013	0.944256	-1.05903	0.997601	0.999198	-1.0008	0.496071	0.831507	-1.20264	0.226034	1.4041	1.4041	?	?	?	0.983365	0.994449	-1.00558	0.662114	1.12456	1.12456	6.67924	6.70203	1.00341	1
cg02165692	ALK	0.0143093	0.0174248	0.31585	-3.16606	0.0144512	0.301189	-3.32018	0.266315	0.630569	-1.58587	0.0408146	0.390608	-2.56011	0.00242859	0.186264	-5.36872	0.0140736	0.29916	-3.34269	0.00400471	0.214436	-4.6634	0.220397	0.598712	-1.67025	0.140542	0.531954	-1.87986	5.26192	13.2101	2.23156	1
cg14840351	ALK	0.0309466	0.0510355	0.19949	-5.01277	0.00232846	0.0457807	-21.8432	0.0370144	0.172609	-5.79343	0.106391	0.278333	-3.59282	0.0434854	0.185612	-5.38757	0.172451	0.348776	-2.86717	0.0251782	0.144973	-6.89784	0.0555212	0.207207	-4.8261	0.0444667	0.187488	-5.33369	4.04191	33.681	7.40706	1
cg14620184	ALK	0.0312461	0.553252	0.614408	-1.62758	0.00055668	0.0129129	-77.4422	0.044625	0.153734	-6.50475	0.701435	1.36731	1.36731	0.670365	0.706291	-1.41585	0.355377	0.462037	-2.16433	0.45462	0.538722	-1.85625	0.638084	0.680599	-1.46929	0.796055	1.23411	1.23411	4.02805	42.0775	9.28544	1
cg11495753	ALK	0.0389749	0.284444	0.676108	-1.47905	0.0794057	0.503882	-1.98459	0.11737	0.549524	-1.81976	0.633165	1.18443	1.18443	0.00880283	0.309065	-3.23556	0.0318962	0.412657	-2.42332	0.0313106	0.410982	-2.4332	0.245543	0.652111	-1.53348	0.00837832	0.305543	-3.27286	3.71846	7.29724	1.74439	1
cg06905692	ALK;ALK	0.0279668	0.378133	0.919424	-1.08764	0.201384	1.13354	1.13354	0.526195	1.06148	1.06148	0.0285736	0.786639	-1.27123	0.846987	1.01811	1.01811	0.314819	1.10138	1.10138	0.424725	0.927062	-1.07868	0.0106943	1.34725	1.34725	0.00757379	1.37593	1.37593	4.18953	0.572674	0.121504	1
cg12976501	ALK;ALK	0.0353307	0.334267	1.12888	1.12888	0.0123837	1.46083	1.46083	0.904737	1.01468	1.01468	0.206124	1.17627	1.17627	0.477738	1.09185	1.09185	0.472408	0.914869	-1.09305	0.00871716	0.665739	-1.50209	0.676561	1.0524	1.0524	0.0370146	1.34289	1.34289	3.85398	0.904547	0.208626	1
cg07491206	ALKBH1	0.00989996	0.782803	1.03062	1.03062	0.0020988	0.62359	-1.60362	0.0361682	0.766517	-1.3046	0.477636	1.08199	1.08199	0.0445129	0.777387	-1.28636	0.707672	0.95972	-1.04197	0.501508	1.0773	1.0773	0.00146455	0.605691	-1.65101	0.515136	1.07469	1.07469	5.92965	1.11868	0.167697	1
cg09272629	ALKBH1;C14orf156	0.00335546	0.737617	1.10078	1.10078	0.024693	2.14644	2.14644	0.93557	1.02336	1.02336	0.457506	0.805682	-1.24118	8.19E-05	0.131684	-7.59391	0.0458079	0.520061	-1.92285	0.924774	0.97339	-1.02734	0.337053	1.32665	1.32665	0.602785	1.16176	1.16176	8.27751	10.6915	1.14812	1
cg26035522	ALKBH1;C14orf156	0.0306938	0.026321	0.535095	-1.86883	0.483378	1.18419	1.18419	0.158431	1.43024	1.43024	0.685522	0.907897	-1.10145	0.133515	0.68105	-1.46832	0.688607	0.908816	-1.10033	0.00982846	2.16966	2.16966	0.132406	1.47019	1.47019	0.0352477	1.78969	1.78969	4.05374	3.61669	0.793055	1
cg15046735	ALKBH1;C14orf156;ALKBH1	0.00878328	0.898587	0.963042	-1.03838	0.00548348	2.94042	2.94042	0.731432	1.10711	1.10711	0.282609	0.719101	-1.39063	0.311633	1.36227	1.36227	0.003265	0.305936	-3.26866	0.00540009	0.339044	-2.94947	0.116868	0.604628	-1.65391	0.309935	0.733214	-1.36386	6.15979	8.50993	1.22802	1
cg05509800	ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2	4.20E-05	0.474443	0.829227	-1.20594	0.703648	0.906297	-1.10339	0.769598	1.07854	1.07854	0.120557	1.54258	1.54258	0.500155	0.838461	-1.19266	0.0115135	0.443252	-2.25605	3.65E-07	0.0230727	-43.3412	0.544414	1.17109	1.17109	0.711773	0.908885	-1.10025	27.8811	29.264	0.93298	1
cg04804893	ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2	0.00165835	0.615473	0.905263	-1.10465	0.216114	0.774276	-1.29153	0.22541	0.778635	-1.2843	0.0857734	1.45235	1.45235	0.000112243	0.263407	-3.79641	0.718222	0.931262	-1.07381	0.00646267	0.498621	-2.00553	0.00655167	2.00192	2.00192	0.204542	1.30097	1.30097	10.1805	6.2276	0.543747	1
cg16023885	ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2	0.0170359	0.634302	1.11794	1.11794	0.0384127	1.74737	1.74737	0.431228	1.20551	1.20551	0.725068	0.921131	-1.08562	0.467052	1.1879	1.1879	0.777386	0.93618	-1.06817	0.00046743	0.278083	-3.59605	0.959032	0.98812	-1.01202	0.630642	1.11931	1.11931	4.96598	4.25739	0.762055	1
cg09071294	ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2	0.0325175	0.00272804	0.299373	-3.34031	0.914433	1.03183	1.03183	0.556287	0.840752	-1.18941	0.164439	0.648963	-1.54092	0.136794	0.626759	-1.59551	0.00309896	0.307389	-3.25321	0.770101	0.918128	-1.08917	0.897605	0.963167	-1.03824	0.256044	0.707802	-1.41282	3.97099	5.34357	1.19613	1
cg04380213	ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2	0.0426193	0.326822	1.34212	1.34212	0.00818641	2.67395	2.67395	0.0694655	0.554176	-1.80448	0.643087	1.14528	1.14528	0.0312308	0.479622	-2.08498	0.508836	1.21509	1.21509	0.115373	0.608003	-1.64473	0.458471	1.24538	1.24538	0.628896	1.15207	1.15207	3.59773	4.8146	1.18954	1
cg00203594	ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2	0.000297168	0.150287	0.622006	-1.6077	0.409315	1.29672	1.29672	0.754924	1.10122	1.10122	0.600354	1.17677	1.17677	0.0331304	0.464412	-2.15326	0.277948	0.706524	-1.41538	2.77E-06	0.0313692	-31.8784	0.06701	0.531437	-1.88169	0.117772	0.592714	-1.68715	16.4929	24.766	1.33477	1
cg10255141	ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKBH2	0.0148778	0.0276031	0.703539	-1.42139	0.617564	1.07032	1.07032	0.183647	1.20976	1.20976	0.00444163	0.599054	-1.6693	0.273303	0.857356	-1.16638	0.00173418	0.547122	-1.82775	0.882519	1.02016	1.02016	0.127387	0.800483	-1.24925	0.529308	0.917567	-1.08984	5.19473	1.49926	0.256543	1
cg14908875	ALKBH3	4.58E-05	0.00543924	2.90686	2.90686	8.76E-07	0.0220533	-45.3447	0.17648	1.52082	1.52082	0.003589	0.316436	-3.1602	0.53224	1.20272	1.20272	0.080403	0.567886	-1.76092	0.00422868	0.32714	-3.05679	0.73324	0.905007	-1.10496	0.286507	1.38116	1.38116	27.2458	36.7331	1.19841	1
cg26985203	ALKBH3	0.000139835	0.000325131	3.73362	3.73362	0.0243609	0.544274	-1.83731	0.0235221	1.8465	1.8465	0.00916189	0.472224	-2.11764	0.0017871	0.365021	-2.73957	0.000341834	0.270487	-3.69703	0.000150371	0.228655	-4.3734	0.0331704	1.75865	1.75865	0.0959836	0.660687	-1.51358	20.2358	16.4729	0.723597	1
cg21140380	ALKBH3	0.00124504	0.0852403	0.658376	-1.51889	0.00562691	0.450073	-2.22186	0.0170456	0.527848	-1.89448	0.64852	1.10607	1.10607	0.00121774	0.353484	-2.82898	0.638735	0.901341	-1.10946	0.000711916	0.322237	-3.1033	0.00209585	2.58763	2.58763	0.0405903	0.594868	-1.68105	11.0548	8.44854	0.679325	1
cg01928068	ALKBH3	0.00681981	0.0312282	0.572748	-1.74597	0.00222447	0.388807	-2.57197	0.145469	0.708483	-1.41147	0.0167735	0.525422	-1.90323	0.00285395	0.40448	-2.47231	0.00654092	0.458898	-2.17913	0.917655	0.977457	-1.02306	0.0833915	0.655376	-1.52584	0.00282088	0.40374	-2.47684	6.66908	5.13434	0.684331	1
cg21125143	ALKBH3	0.00701743	0.309362	1.23687	1.23687	0.260337	1.26775	1.26775	0.712579	0.927956	-1.07764	0.111822	0.704749	-1.41894	0.022558	0.575824	-1.73664	0.0361199	0.611114	-1.63635	0.000370533	0.316198	-3.16258	0.0755321	0.670465	-1.4915	0.182772	1.33068	1.33068	6.60999	4.27476	0.574855	1
cg26579032	ALKBH3	0.0107026	0.469673	0.813105	-1.22985	0.0219974	0.461745	-2.1657	0.469629	0.813088	-1.22988	0.0571412	0.545887	-1.83188	0.199579	0.683043	-1.46404	0.0302549	0.488436	-2.04735	0.00019088	0.170632	-5.86058	0.319455	0.748723	-1.33561	0.238887	0.706843	-1.41474	5.78331	7.2465	1.11378	1
cg22868425	ALKBH3;LOC729799	0.0337363	0.889968	0.96425	-1.03708	0.00291899	0.341123	-2.93149	0.0191049	0.474284	-2.10844	0.438819	1.23081	1.23081	0.202111	0.701727	-1.42506	0.779705	0.928908	-1.07653	0.0423192	0.54061	-1.84976	0.349219	1.28845	1.28845	0.124391	0.645604	-1.54894	3.91882	4.29298	0.973757	1
cg22087352	ALKBH4	0.00176936	?	?	?	0.224903	0.728287	-1.37309	0.00229941	0.270297	-3.69964	0.00321904	0.297696	-3.35913	?	?	?	0.00174016	0.248422	-4.02541	0.000264524	0.123619	-8.08939	?	?	?	0.00744122	0.370194	-2.70129	22.6789	12.7375	0.468037	1
cg04590284	ALKBH4;LRWD1	0.00999755	?	?	?	0.488069	1.20033	1.20033	0.0570039	1.7476	1.7476	0.0310481	0.518844	-1.92736	0.883535	1.03873	1.03873	0.0845057	0.609801	-1.63988	0.00207446	0.325035	-3.07659	0.00715877	0.406515	-2.45993	0.416631	0.806391	-1.24009	6.02935	5.70314	0.945897	1
cg15604682	ALKBH4;LRWD1	0.0167668	0.286766	1.09359	1.09359	0.548348	1.05035	1.05035	0.115485	0.870749	-1.14844	0.0690001	1.1789	1.1789	0.449979	1.06424	1.06424	0.657586	1.03674	1.03674	0.000803648	0.664225	-1.50551	0.0883547	0.858919	-1.16425	0.796516	1.02112	1.02112	4.99248	0.517275	0.0920985	1
cg07687567	ALKBH4;LRWD1	0.0230113	0.609861	1.26375	1.26375	0.445354	1.42538	1.42538	0.545176	1.32136	1.32136	0.529502	1.33633	1.33633	0.890185	1.06477	1.06477	0.274055	1.68232	1.68232	0.000518269	0.0706536	-14.1536	0.913329	1.0507	1.0507	0.688751	1.20087	1.20087	4.97551	15.9182	2.48835	1
cg06704539	ALKBH4;LRWD1	0.0459304	0.789335	1.03084	1.03084	0.472396	0.92044	-1.08644	0.348141	1.11579	1.11579	0.00342056	1.57009	1.57009	0.293364	0.883703	-1.1316	0.167595	0.846338	-1.18156	0.0712483	0.795699	-1.25676	0.350605	0.896756	-1.11513	0.294087	0.883879	-1.13138	3.49858	0.712856	0.181116	1
cg18935014	ALKBH5	8.42E-05	1.02E-05	0.221869	-4.50717	0.00221013	0.505088	-1.97985	0.0745239	0.72879	-1.37214	0.298623	0.842357	-1.18714	5.55E-06	0.195241	-5.12189	0.730657	0.946459	-1.05657	0.842619	1.03216	1.03216	0.00532991	0.557346	-1.79422	0.0240723	0.651524	-1.53486	23.1818	9.30938	0.356962	1
cg00591342	ALKBH5	0.000353151	0.154549	1.31137	1.31137	0.78885	1.04891	1.04891	0.764197	1.05497	1.05497	0.0946061	1.38657	1.38657	0.240046	1.24462	1.24462	0.0494058	1.49021	1.49021	5.09E-06	0.157886	-6.3337	0.818363	0.959905	-1.04177	0.542427	0.896113	-1.11593	15.7304	7.88382	0.445495	1
cg18016620	ALKBH5	0.000620756	0.344864	0.863994	-1.15741	0.000550016	2.23942	2.23942	0.000397986	2.33256	2.33256	0.433141	0.886755	-1.12771	0.398097	1.13883	1.13883	0.908416	1.01744	1.01744	0.000257528	0.40498	-2.46926	0.209342	1.21996	1.21996	0.0527976	1.39202	1.39202	13.4556	4.81134	0.317842	1
cg01147923	ALKBH5	0.00383778	0.0696185	0.754102	-1.32608	0.0456502	1.37535	1.37535	0.00849766	1.59546	1.59546	0.323923	1.15222	1.15222	0.0126767	0.649922	-1.53865	0.602059	0.929444	-1.07591	0.000533164	0.472455	-2.1166	0.207846	0.831354	-1.20286	0.634491	0.93556	-1.06888	7.95098	2.43576	0.272308	1
cg27376072	ALKBH5	0.00410186	0.346826	0.827543	-1.2084	0.718951	1.07317	1.07317	0.0833317	0.68758	-1.45438	0.228138	0.781002	-1.28041	0.00351307	0.46138	-2.16741	0.0115206	0.539298	-1.85426	0.00155631	0.411176	-2.43205	0.00431218	2.10789	2.10789	0.592738	0.899876	-1.11126	7.79316	4.71265	0.537526	1
cg20309353	ALKBH5	0.00817814	0.0087494	0.385543	-2.59374	0.0524106	0.532857	-1.87668	0.0894266	1.70648	1.70648	0.182361	0.667714	-1.49765	0.0214937	0.454665	-2.19942	0.385507	1.28904	1.28904	0.000846449	0.238876	-4.18627	0.696411	1.1184	1.1184	0.172364	0.660664	-1.51363	6.3003	8.12656	1.14655	1
cg22622440	ALKBH5	0.0218474	0.2593	0.785466	-1.27313	0.36399	1.21097	1.21097	0.0026136	2.3521	2.3521	0.132784	1.39488	1.39488	0.750255	0.936574	-1.06772	0.0239576	1.73796	1.73796	0.126261	0.712173	-1.40415	0.226397	0.770564	-1.29775	0.0953459	1.45644	1.45644	4.56483	3.04398	0.592741	1
cg07166550	ALKBH5	0.043734	0.462809	0.706781	-1.41486	0.0211235	0.275954	-3.6238	0.441899	1.43921	1.43921	0.132326	0.470414	-2.12579	0.0449141	0.343442	-2.9117	0.0507288	0.35571	-2.81128	0.0111597	0.228341	-4.37941	0.212461	1.84002	1.84002	0.244068	0.567851	-1.76102	3.56332	12.1676	3.03528	1
cg05395061	ALKBH5	0.0439548	0.531311	1.48982	1.48982	?	?	?	0.304363	0.509599	-1.96233	?	?	?	?	?	?	?	?	?	0.0385495	4.87786	4.87786	0.0283852	0.17843	-5.60443	?	?	?	4.82024	12.6541	3.93782	1
cg04560979	ALKBH5;ALKBH5	0.0175411	0.779651	0.962836	-1.0386	0.022656	1.44551	1.44551	0.0595856	1.33254	1.33254	0.781653	0.963178	-1.03823	0.95268	0.992019	-1.00805	0.0775661	0.767281	-1.3033	0.00380845	0.590419	-1.69371	0.683967	1.05682	1.05682	0.033851	1.39729	1.39729	4.9176	1.42005	0.256684	1
cg07146173	ALKBH5;ALKBH5	0.0247608	0.424603	1.34309	1.34309	0.00579112	3.69739	3.69739	0.0549792	2.19719	2.19719	0.671069	1.16711	1.16711	0.0197756	0.361279	-2.76794	0.171868	0.590905	-1.69232	0.246536	1.55015	1.55015	0.0426371	2.32632	2.32632	0.652082	1.17843	1.17843	4.37182	9.06028	1.84216	1
cg16047371	ALKBH6;ALKBH6	6.50E-05	0.172737	0.732125	-1.36589	0.0214472	1.8108	1.8108	0.180417	1.35749	1.35749	0.128092	1.42401	1.42401	0.0026588	0.409406	-2.44257	0.000312344	0.284754	-3.51181	1.87E-06	0.0785348	-12.7332	0.798507	1.05651	1.05651	0.164278	0.726961	-1.37559	24.8333	18.1603	0.650035	1
cg04421549	ALKBH6;ALKBH6	0.00034451	0.147557	1.14251	1.14251	0.667376	1.03776	1.03776	0.00066063	1.56391	1.56391	0.0820359	1.17963	1.17963	1.71E-05	2.13037	2.13037	0.184002	0.88618	-1.12844	0.112558	0.862337	-1.15964	0.00314313	1.41358	1.41358	0.00262547	1.42919	1.42919	15.8379	1.84393	0.103489	1
cg25918230	ALKBH6;ALKBH6	0.0186158	0.430989	0.883103	-1.13237	0.00681257	0.581471	-1.71978	0.388079	0.87213	-1.14662	0.193466	1.23716	1.23716	0.149064	0.787173	-1.27037	0.0949676	0.752927	-1.32815	0.00359657	0.543508	-1.8399	0.0216567	0.652841	-1.53177	0.283247	1.18819	1.18819	4.8202	1.82609	0.336748	1
cg17351385	ALKBH6;ALKBH6;ALKBH6;ALKBH6	0.0210613	0.228071	0.703223	-1.42202	0.0865883	1.69347	1.69347	0.676451	0.88977	-1.12389	0.902041	0.966313	-1.03486	0.222425	0.699894	-1.42879	0.0202686	0.458907	-2.17909	0.0557328	0.54704	-1.82802	0.00555912	2.7557	2.7557	0.148198	1.53979	1.53979	4.62243	5.66962	1.09026	1
cg20752312	ALKBH7	6.37E-05	7.34E-05	3.15582	3.15582	0.0491387	1.43042	1.43042	0.517714	1.11019	1.11019	0.018811	1.57405	1.57405	0.0010807	0.463378	-2.15807	0.924634	0.985032	-1.0152	6.86E-06	0.204031	-4.90123	0.235312	1.21927	1.21927	0.671475	0.934262	-1.07036	24.9649	10.0451	0.357661	1
cg08337366	ALKBH7	7.43E-05	7.95E-05	0.399609	-2.50245	0.113346	1.24818	1.24818	0.0966575	0.79085	-1.26446	0.113754	1.24781	1.24781	4.56E-05	0.370976	-2.6956	0.378985	1.12314	1.12314	0.000187713	0.444499	-2.24972	0.0803957	0.779171	-1.28341	3.51E-05	0.357642	-2.79609	23.9669	6.28335	0.233038	1
cg05968233	ALKBH7	0.00023304	0.395617	1.21525	1.21525	0.411571	0.828492	-1.20701	0.000644981	3.23214	3.23214	0.28653	1.28147	1.28147	1.52E-05	0.134329	-7.44441	0.826629	0.952033	-1.05038	0.000715809	0.315287	-3.17171	0.426922	0.833786	-1.19935	0.144673	0.703934	-1.42059	17.6239	14.0164	0.706938	1
cg12505362	ALKBH7	0.00252937	0.351377	0.805965	-1.24075	0.996095	1.0011	1.0011	0.487314	1.17201	1.17201	0.0036461	0.412917	-2.42179	0.000111576	0.216963	-4.60908	0.0308679	0.565439	-1.76854	0.0127739	0.498708	-2.00518	0.205454	1.35045	1.35045	0.755604	1.07275	1.07275	9.00104	7.21134	0.712148	1
cg19442920	ALKBH7	0.00635468	0.0142925	0.326878	-3.05924	0.14938	0.564301	-1.7721	0.631933	1.19557	1.19557	0.428406	0.741391	-1.34882	0.00163208	0.188209	-5.31325	0.0101689	0.301308	-3.31886	0.00115609	0.170865	-5.85257	0.133311	0.549166	-1.82094	0.00921585	0.294213	-3.3989	6.817	14.7896	1.92846	1
cg22049404	ALKBH7;ALKBH7	0.00119635	0.299633	1.13389	1.13389	0.315264	1.12905	1.12905	0.401805	0.904562	-1.10551	0.374648	1.1124	1.1124	0.264251	0.872823	-1.14571	0.479479	1.08766	1.08766	0.000162626	0.471331	-2.12165	0.00048253	1.89629	1.89629	0.0155313	1.41472	1.41472	11.1815	2.41974	0.19236	1
cg22200067	ALKBH8	0.00121087	3.08E-05	0.34252	-2.91954	0.112493	1.25544	1.25544	0.049113	0.743989	-1.34411	0.469441	0.90765	-1.10175	0.0370635	0.727055	-1.37541	0.253751	0.854774	-1.1699	0.551993	0.923835	-1.08244	0.27136	0.860054	-1.16272	0.0157208	1.4766	1.4766	11.1431	3.05915	0.24403	1
cg09156610	ALKBH8	0.00136645	0.100085	0.755744	-1.3232	0.112066	0.764198	-1.30856	0.675919	1.06753	1.06753	0.456062	1.12523	1.12523	0.339577	1.16531	1.16531	2.92E-05	0.279685	-3.57545	0.0496742	0.706081	-1.41627	0.621303	0.925522	-1.08047	0.0281079	1.49646	1.49646	10.7642	4.11851	0.340099	1
cg26002615	ALKBH8	0.00592521	0.00277202	0.0812921	-12.3013	0.00419461	0.0970284	-10.3063	0.0643464	0.282492	-3.53992	0.0967458	0.329909	-3.03114	0.00468853	0.101659	-9.8368	0.048122	0.253117	-3.95074	0.000779859	0.0454456	-22.0043	0.134548	0.374803	-2.66807	0.0235756	0.193111	-5.17838	6.96607	40.8155	5.20817	1
cg18955691	ALKBH8	0.0125604	0.0208207	0.585852	-1.70692	0.000355069	0.33215	-3.01069	0.158148	0.748266	-1.33642	0.111066	0.71631	-1.39604	0.0116769	0.545699	-1.83251	0.144526	0.739903	-1.35153	0.0726991	0.680563	-1.46937	0.0889479	0.697275	-1.43416	0.101429	0.708442	-1.41155	5.49141	3.21276	0.520046	1
cg17648241	ALKBH8	0.015016	0.427479	1.17407	1.17407	0.00548539	2.0612	2.0612	0.00143131	2.49269	2.49269	0.300221	1.23694	1.23694	0.110915	1.4106	1.4106	0.413767	1.17997	1.17997	0.0618378	0.659309	-1.51674	0.563156	0.89067	-1.12275	0.925228	0.981578	-1.01877	5.17887	3.21803	0.552336	1
cg19099433	ALLC	7.81E-06	0.000503775	0.363811	-2.74868	0.818733	0.958218	-1.0436	0.00136048	0.421275	-2.37375	0.000152848	0.299031	-3.34414	1.97E-06	0.112349	-8.90084	0.0200639	0.593581	-1.68469	4.30E-07	0.0695768	-14.3726	0.000442565	0.356546	-2.80468	0.000292169	0.333627	-2.99736	43.2559	23.6817	0.486647	1
cg02938936	ALLC	0.000154054	0.259218	0.809074	-1.23598	0.582116	0.904803	-1.10521	0.065518	1.45073	1.45073	0.0149575	0.583592	-1.71353	2.56E-06	0.129367	-7.72994	0.832714	0.962644	-1.03881	0.00741809	1.8604	1.8604	0.875571	0.972189	-1.02861	0.115444	0.734887	-1.36075	19.7147	10.116	0.456109	1
cg20493526	ALLC	0.000234599	0.000125413	0.32434	-3.08318	0.236356	0.811303	-1.23259	0.879516	0.97476	-1.02589	0.0196677	0.621936	-1.60788	5.53E-05	0.282402	-3.54105	0.0104173	0.580652	-1.7222	0.110194	0.745721	-1.34098	0.172752	0.783063	-1.27704	2.68E-05	0.247159	-4.04597	17.5919	7.91371	0.399865	1
cg06156640	ALLC	0.000801174	0.000662808	0.23054	-4.33765	0.0182202	0.446283	-2.24073	0.00531522	0.355639	-2.81184	0.222687	0.697199	-1.43431	0.000626331	0.227574	-4.39417	0.0397571	0.512128	-1.95264	7.14E-05	0.130372	-7.67037	0.895274	1.03777	1.03777	0.004366	0.342412	-2.92046	12.5269	15.7184	1.11535	1
cg08180497	ALLC	0.00173443	0.100097	0.717761	-1.39322	0.000209491	0.319361	-3.13126	0.000229498	0.324251	-3.08404	0.608956	1.09962	1.09962	0.0037194	0.486133	-2.05705	0.827313	0.960586	-1.04103	0.0442917	0.653619	-1.52994	0.116388	0.730496	-1.36893	0.89838	0.976758	-1.0238	10.0493	5.39174	0.476915	1
cg11413778	ALLC	0.00214017	0.00284142	0.382554	-2.61401	0.141497	1.44738	1.44738	0.0431528	0.580359	-1.72307	0.985237	0.995682	-1.00434	0.023585	0.531386	-1.88187	0.012092	0.481074	-2.07868	0.506852	0.854279	-1.17058	0.22147	0.740403	-1.35062	8.73E-05	0.192947	-5.18277	9.4532	8.18906	0.770021	1
cg00292756	ALLC	0.0031266	0.000775923	0.367693	-2.71966	0.504998	0.87541	-1.14232	0.000242025	0.302933	-3.30106	0.714908	1.07483	1.07483	0.762823	0.942203	-1.06134	0.889625	1.02769	1.02769	0.758898	1.06243	1.06243	0.0128595	0.54464	-1.83608	0.0213686	0.580421	-1.72289	8.45365	5.18046	0.544717	1
cg04307702	ALLC	0.00832939	0.133825	1.41544	1.41544	0.0083545	2.06303	2.06303	0.0254759	1.76917	1.76917	0.191913	0.74317	-1.34559	0.00850782	0.485975	-2.05772	0.17371	1.3648	1.3648	0.0158673	0.530034	-1.88667	0.856164	1.03976	1.03976	0.134661	0.707104	-1.41422	6.264	4.58065	0.650014	1
cg05977776	ALLC	0.0121136	0.127147	0.640698	-1.5608	0.0454725	1.85717	1.85717	0.0155077	0.448792	-2.2282	0.00121569	0.278631	-3.58898	0.0208892	0.472283	-2.11737	0.507094	0.833914	-1.19916	0.880071	1.04158	1.04158	0.133747	0.646335	-1.54719	0.147541	0.657475	-1.52097	5.55648	6.40867	1.02522	1
cg10260334	ALLC	0.0259476	0.0951721	0.559761	-1.78648	0.00901752	0.349719	-2.85944	0.00739516	0.335508	-2.98055	0.234907	1.48289	1.48289	0.240169	1.47578	1.47578	0.624683	0.855528	-1.16887	0.0991746	0.564379	-1.77186	0.13695	1.66029	1.66029	0.550562	0.826031	-1.21061	4.3011	6.82212	1.4099	1
cg26344334	ALLC	0.0439392	0.825103	0.920937	-1.08585	0.614683	0.827874	-1.20791	0.787471	0.90433	-1.10579	0.0519406	0.439128	-2.27724	0.00076157	0.149809	-6.67517	0.77096	0.89706	-1.11475	0.211676	0.612847	-1.63173	0.676381	0.855373	-1.16908	0.737595	0.882378	-1.1333	3.5571	7.80205	1.94966	1
cg01959980	ALMS1	1.34E-05	0.0139239	1.2477	1.2477	0.000891227	0.695921	-1.43694	0.000635381	0.682322	-1.46558	0.00334618	1.33758	1.33758	0.136524	0.889718	-1.12395	0.278163	1.08562	1.08562	4.72E-07	0.356391	-2.80591	0.630184	0.965277	-1.03597	0.000233257	0.641027	-1.56	37.6212	3.16188	0.0747067	1
cg15109933	ALMS1	0.000118621	0.265754	1.20266	1.20266	0.630231	1.08024	1.08024	3.21E-06	0.172864	-5.78488	0.326367	0.851087	-1.17497	0.492062	1.11743	1.11743	0.683736	0.936906	-1.06734	0.000419913	0.410779	-2.4344	0.261237	1.20495	1.20495	0.0102831	1.67297	1.67297	21.1505	8.4818	0.356462	1
cg20560298	ALMS1	0.00026547	?	?	?	0.0291318	1.49548	1.49548	0.850231	1.03003	1.03003	1.46E-05	0.244029	-4.09787	0.507022	0.899996	-1.11112	0.0522016	1.41292	1.41292	0.000553073	0.432085	-2.31436	0.0429226	0.69442	-1.44005	0.742634	0.949731	-1.05293	17.4327	6.01278	0.344914	1
cg00298675	ALMS1	0.000901117	0.0237539	0.742807	-1.34624	0.832213	1.02365	1.02365	0.674868	0.954589	-1.04757	?	?	?	0.0102751	0.700257	-1.42805	3.95E-05	0.420535	-2.37792	0.000582982	0.556662	-1.79642	0.37608	0.904777	-1.10524	0.643521	0.949958	-1.05268	12.4072	2.11964	0.17084	1
cg21182649	ALMS1	0.00366927	0.118492	1.37526	1.37526	0.396624	0.84942	-1.17727	0.759049	0.943797	-1.05955	0.159341	0.7537	-1.32679	0.0539443	0.662749	-1.50887	0.551838	1.11983	1.11983	9.36E-05	0.269903	-3.70504	0.108715	1.38948	1.38948	0.306383	1.22031	1.22031	8.05894	4.51183	0.497648	1
cg06843575	ALMS1	0.00400086	?	?	?	0.651781	0.893884	-1.11871	0.337024	0.783159	-1.27688	0.774963	0.931667	-1.07334	0.107541	0.648105	-1.54296	9.65E-05	0.180394	-5.54343	0.00371503	0.379892	-2.63233	0.336716	0.783029	-1.27709	0.590433	0.874445	-1.14358	8.02337	6.88728	0.858403	1
cg19260201	ALMS1	0.00465298	0.00103928	5.17861	5.17861	0.0241586	0.415981	-2.40395	0.309439	1.39857	1.39857	?	?	?	0.00906855	2.98501	2.98501	0.0462192	2.09649	2.09649	0.00389576	3.64899	3.64899	0.179799	1.57804	1.57804	0.7064	0.886795	-1.12766	8.89029	12.3315	1.2137	1
cg23153730	ALMS1	0.0321662	0.402247	1.13716	1.13716	0.0769807	1.34294	1.34294	0.0292551	1.46979	1.46979	0.0934082	1.31875	1.31875	0.547045	1.09568	1.09568	0.0578354	1.37929	1.37929	0.00780375	0.599243	-1.66877	0.217831	1.21455	1.21455	0.154852	1.25645	1.25645	3.98648	1.41944	0.316502	1
cg08552812	ALMS1	0.0378705	0.135573	0.539641	-1.85308	0.00876337	0.277947	-3.5978	0.0357867	0.391885	-2.55177	0.61408	0.822846	-1.21529	0.0221399	0.349247	-2.8633	0.554548	0.795144	-1.25763	0.0191534	0.337208	-2.96553	0.0117696	0.299237	-3.34183	0.151099	0.554336	-1.80396	3.75783	8.75218	2.07027	1
cg00158434	ALMS1P	0.000463238	0.609125	0.912131	-1.09633	0.00266852	2.09744	2.09744	0.122926	0.742254	-1.34725	1.43E-05	0.19949	-5.01279	0.151552	0.76031	-1.31525	0.349933	0.842325	-1.18719	0.0230727	1.62352	1.62352	0.490229	0.882509	-1.13313	0.138439	0.752415	-1.32905	14.5962	7.35235	0.447749	1
cg07208825	ALMS1P	0.00243995	0.000103306	0.244489	-4.09016	0.312091	1.23916	1.23916	0.0027431	0.428413	-2.3342	0.926426	0.981238	-1.01912	0.0181801	0.555398	-1.80051	0.0824712	0.674064	-1.48354	0.128268	1.40095	1.40095	0.378954	0.831024	-1.20333	0.268004	0.789306	-1.26694	9.09687	6.05843	0.591991	1
cg03528016	ALMS1P	0.00605912	0.00740584	0.318615	-3.13859	0.0755577	1.92673	1.92673	0.00804987	0.32451	-3.08157	0.13945	0.59022	-1.69428	0.00134928	0.213625	-4.68111	0.38633	1.34234	1.34234	0.107081	0.558118	-1.79174	0.606986	1.18769	1.18769	0.0172934	0.38241	-2.615	6.91818	12.0426	1.54731	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15749260	ALMS1P	0.0122417	0.259866	0.800688	-1.24893	0.804736	1.04796	1.04796	0.00573028	0.504081	-1.98381	0.000693425	0.375677	-2.66186	0.3122	0.820598	-1.21862
cg14975154	ALMS1P	0.0193618	0.796854	0.890459	-1.12302	0.711599	0.846189	-1.18177	0.00738892	0.211756	-4.72241	0.0698141	0.401772	-2.48898	0.00911913	0.225417	-4.43622
cg13584399	ALMS1P	0.0267166	0.0588123	2.07149	2.07149	0.173278	1.63958	1.63958	0.863588	1.06043	1.06043	0.252222	1.504	1.504	0.192071	0.62426	-1.6019
cg01307555	ALMS1P	0.0403018	0.008987	0.172788	-5.78745	0.455167	0.668976	-1.49482	0.0304548	0.260762	-3.83491	0.0176627	0.217567	-4.59629	0.0226995	0.236584	-4.22683
cg19294448	ALOX12	2.21E-05	0.868448	0.972919	-1.02783	0.000334214	0.383499	-2.60757	0.268034	0.826067	-1.21056	0.151367	0.775213	-1.28997	4.73E-07	0.0958292	-10.4352
cg08870757	ALOX12	0.000238751	0.408947	0.787551	-1.26976	0.00157235	0.276925	-3.61108	0.228378	1.42977	1.42977	0.0019925	0.291012	-3.43628	0.000268209	0.184338	-5.42481
cg21237687	ALOX12	0.00265424	0.0138388	3.56705	3.56705	0.00258916	5.72883	5.72883	0.0486364	2.56412	2.56412	0.17398	1.83068	1.83068	0.0088088	4.03266	4.03266
cg12262378	ALOX12	0.00412988	0.034997	3.80264	3.80264	0.00642914	6.86942	6.86942	0.0688042	3.02608	3.02608	0.227646	1.99081	1.99081	0.0166977	4.89658	4.89658
cg13647527	ALOX12	0.0123254	0.121719	0.781169	-1.28013	0.026051	0.677876	-1.4752	0.000336931	0.427052	-2.34163	0.347154	0.867182	-1.15316	0.334402	1.15784	1.15784
cg03407747	ALOX12	0.0139936	0.0389203	4.36445	4.36445	0.0231083	5.33454	5.33454	0.138248	2.67432	2.67432	0.250965	2.0945	2.0945	0.0841564	3.24698	3.24698
cg03404566	ALOX12	0.0154896	0.031934	3.44209	3.44209	0.0103596	4.89301	4.89301	0.0559896	2.89929	2.89929	0.0806597	2.59252	2.59252	0.0327488	3.41561	3.41561
cg05657792	ALOX12	0.0155069	0.0114848	6.12174	6.12174	0.000776419	18.4326	18.4326	0.0939655	2.87253	2.87253	0.0443219	3.75674	3.75674	0.083854	2.99262	2.99262
cg25987502	ALOX12	0.0159634	0.575411	0.817305	-1.22353	0.00192499	4.78367	4.78367	0.0119725	3.05786	3.05786	0.234291	1.5597	1.5597	0.147514	1.74027	1.74027
cg02493798	ALOX12	0.015971	0.0332039	4.44935	4.44935	0.00669783	8.23912	8.23912	0.0817003	3.17996	3.17996	0.166909	2.41958	2.41958	0.0471783	3.90327	3.90327
cg13383971	ALOX12	0.0176735	0.637009	0.912219	-1.09623	0.0618053	1.50164	1.50164	0.004526	0.48134	-2.07753	0.848994	0.963827	-1.03753	0.187504	0.763384	-1.30996
cg03760483	ALOX12	0.0177745	0.0692279	2.47268	2.47268	0.0121406	4.02386	4.02386	0.147076	1.99964	1.99964	0.361483	1.51855	1.51855	0.0422639	2.83452	2.83452
cg22741997	ALOX12	0.0193755	0.122117	0.786638	-1.27123	0.133731	1.26068	1.26068	0.836423	0.970822	-1.03005	0.105236	0.776057	-1.28856	0.137498	0.795254	-1.25746
cg09737314	ALOX12	0.039822	0.0280933	7.38098	7.38098	0.0221602	8.27804	8.27804	0.19904	2.8457	2.8457	0.217207	2.71973	2.71973	0.0708759	4.73624	4.73624
cg08946332	ALOX12	0.0428762	0.191949	1.51339	1.51339	0.0179944	2.3684	2.3684	0.0637212	1.86875	1.86875	0.0919733	1.7445	1.7445	0.640899	1.15133	1.15133
cg25918023	ALOX12	0.0458422	0.259224	1.35258	1.35258	0.217472	0.716829	-1.39503	0.0145877	0.462167	-2.16372	0.485813	1.19928	1.19928	0.422298	1.23407	1.23407
cg20216752	ALOX12	0.0477211	0.0163664	0.214239	-4.66769	0.0503034	0.309917	-3.22667	0.331423	0.590902	-1.69233	0.270286	0.547367	-1.82693	0.00658832	0.156881	-6.37426
cg05215272	ALOX12	0.0497951	0.0318077	3.62859	3.62859	0.0855375	2.64715	2.64715	0.649683	1.26391	1.26391	0.52153	0.71693	-1.39484	0.166105	2.13059	2.13059
cg07482451	ALOX12B	2.49E-07	2.28E-07	0.381924	-2.61832	6.16E-06	0.534687	-1.87025	1.59E-05	0.57627	-1.7353	0.000480717	0.712511	-1.40349	2.46E-08	0.278283	-3.59347
cg05704893	ALOX12B	0.00344784	0.787333	0.924797	-1.08132	0.694028	1.1211	1.1211	0.555607	1.1881	1.1881	0.000939498	4.16554	4.16554	0.16789	0.653806	-1.52951
cg01067326	ALOX12B	0.00377334	0.0250108	0.586918	-1.70382	0.330845	1.22202	1.22202	0.0255185	0.588398	-1.69953	0.741223	0.935922	-1.06847	0.0635077	0.659059	-1.51731
cg00681665	ALOX12B	0.00434445	0.0623681	0.446059	-2.24186	0.976633	1.01134	1.01134	0.0120237	0.299543	-3.33842	0.45219	1.3428	1.3428	0.0738438	0.464491	-2.1529
cg03742272	ALOX12B	0.00466931	0.0164316	0.391001	-2.55754	0.00962044	0.350051	-2.85672	0.261079	0.687028	-1.45555	0.11017	0.572574	-1.7465	0.00081989	0.1989	-5.02765
cg19989673	ALOX12B	0.00722369	0.194396	0.734703	-1.36109	0.737052	1.07861	1.07861	0.0265586	0.55412	-1.80466	0.174754	0.723149	-1.38284	0.000106872	0.215437	-4.64173
cg06858294	ALOX12B	0.00892	0.0811879	0.830205	-1.20452	0.0500833	1.2399	1.2399	0.294195	1.1104	1.1104	0.974745	1.00305	1.00305	0.440846	1.07859	1.07859
cg22299191	ALOX12B	0.012241	0.0230817	0.625386	-1.59901	0.582072	1.10079	1.10079	0.12701	0.75192	-1.32993	0.221581	0.800948	-1.24852	0.640065	0.921861	-1.08476
cg21903994	ALOX12B	0.0179433	0.199792	1.16652	1.16652	0.684265	1.04759	1.04759	0.0110346	1.43693	1.43693	0.151319	1.19105	1.19105	0.245996	0.871131	-1.14793
cg15188150	ALOX12B	0.030565	0.0798251	0.336865	-2.96855	0.0350364	0.252899	-3.95416	0.0498358	0.285871	-3.49808	0.241908	0.503785	-1.98498	0.033869	0.249929	-4.00113
cg05952715	ALOX12B;ALOX12B	0.00585713	0.0144859	0.513563	-1.94718	0.222079	0.752868	-1.32825	0.00926667	0.481709	-2.07594	0.132482	0.698305	-1.43204	0.188177	0.734576	-1.36133
cg16181638	ALOX12P2	0.000298218	0.816408	1.02042	1.02042	0.000355523	0.607477	-1.64615	0.00296509	0.70149	-1.42554	9.10E-05	1.83686	1.83686	0.00436805	1.39235	1.39235
cg11313429	ALOX12P2	0.0017778	0.196626	1.19365	1.19365	0.245025	0.854128	-1.17078	0.0158182	0.681596	-1.46715	0.0200464	1.43881	1.43881	0.118212	0.802565	-1.24601
cg07391831	ALOX12P2	0.0122825	0.0540683	3.88876	3.88876	0.0705	3.50983	3.50983	0.0220599	5.50312	5.50312	0.0418261	4.29354	4.29354	0.245538	2.12638	2.12638
cg16893174	ALOX12P2	0.0126185	0.0320569	4.98894	4.98894	0.0692335	3.67253	3.67253	0.0661605	3.73959	3.73959	0.0749582	3.55789	3.55789	0.192924	2.41526	2.41526
cg04517747	ALOX12P2	0.0128146	0.295266	1.18196	1.18196	0.000704702	0.451457	-2.21505	0.0183817	0.643646	-1.55365	0.291091	0.844735	-1.1838	0.313078	1.17434	1.17434
cg26334670	ALOX12P2	0.0168296	0.0258415	4.54391	4.54391	0.00891667	6.70913	6.70913	0.110507	2.7045	2.7045	0.0719041	3.15624	3.15624	0.0237666	4.6825	4.6825
cg18007837	ALOX12P2	0.0179915	0.0677245	7.15044	7.15044	0.0232881	13.5499	13.5499	0.0163923	16.7753	16.7753	0.0192207	15.2222	15.2222	0.0736435	6.80026	6.80026
cg09705592	ALOX12P2	0.0192496	0.086367	1.40669	1.40669	0.246422	1.24399	1.24399	0.000966732	2.42262	2.42262	0.0404371	1.53161	1.53161	0.720587	1.06683	1.06683
cg24139878	ALOX12P2	0.032454	0.122752	1.45498	1.45498	0.00770864	2.15478	2.15478	0.950232	1.0141	1.0141	0.0346918	1.73697	1.73697	0.904056	1.02741	1.02741
cg01758314	ALOX12P2	0.0462522	0.173493	0.555966	-1.79867	0.300175	1.5453	1.5453	0.0487618	2.49014	2.49014	0.696458	0.853065	-1.17224	0.0413431	0.385241	-2.59578
cg05715138	ALOX15	2.49E-06	3.77E-06	0.349784	-2.85891	0.0149073	0.747317	-1.33812	0.0629071	0.815836	-1.22574	0.979241	0.997472	-1.00253	0.0115388	0.735426	-1.35976
cg12786765	ALOX15	1.03E-05	9.09E-05	0.362082	-2.76181	0.0323185	0.694907	-1.43904	4.63E-05	0.327325	-3.05507	0.00278132	0.549433	-1.82006	2.27E-06	0.187106	-5.34457
cg06222638	ALOX15	9.47E-05	0.000452798	4.5163	4.5163	0.69932	0.89955	-1.11167	0.0503983	0.544282	-1.83728	0.762845	0.92077	-1.08605	0.421149	0.799195	-1.25126
cg23873735	ALOX15	0.000943105	0.000526705	0.271002	-3.69001	0.0102001	0.457037	-2.18801	0.0697217	0.612446	-1.6328	0.0661024	0.60755	-1.64596	0.000377809	0.253277	-3.94824
cg03702392	ALOX15	0.00840521	0.456025	1.31849	1.31849	0.00265437	4.54497	4.54497	0.377913	1.39026	1.39026	0.0072241	3.53421	3.53421	0.0218712	2.72335	2.72335
cg22280258	ALOX15	0.020273	0.310127	0.55133	-1.8138	0.418619	1.59769	1.59769	0.0313053	4.18792	4.18792	0.108474	0.370592	-2.69838	0.549527	0.709422	-1.4096
cg08844929	ALOX15	0.0310894	0.132791	0.724935	-1.37943	0.915985	0.979289	-1.02115	0.00790388	1.96538	1.96538	0.00929047	1.9243	1.9243	0.766017	0.942528	-1.06098
cg13852234	ALOX15B;ALOX15B;ALOX15B	0.00136594	0.001019	0.425618	-2.34952	0.0135901	0.585423	-1.70817	0.00836496	0.553881	-1.80544	0.47411	1.13616	1.13616	0.0110348	0.571774	-1.74894
cg12343777	ALOX15B;ALOX15B;ALOX15B	0.0246084	0.106908	1.82702	1.82702	0.00253534	4.19862	4.19862	0.292083	1.45397	1.45397	0.0339052	2.33492	2.33492	0.137964	1.72796	1.72796
cg22256433	ALOX15B;ALOX15B;ALOX15B	0.0256681	0.0258176	2.62755	2.62755	0.012206	3.12611	3.12611	0.108681	1.8939	1.8939	0.150784	1.75426	1.75426	0.00672059	3.60709	3.60709
cg18308285	ALOX15B;ALOX15B;ALOX15B	0.0416902	0.0471482	3.90414	3.90414	0.093161	3.02669	3.02669	0.707809	1.25328	1.25328	0.0131462	6.32	6.32	0.0123424	6.47602	6.47602
cg15799267	ALOX15B;ALOX15B;ALOX15B;ALOX15B; ALOX15B;ALOX15B	0.0188508	0.0367934	3.04622	3.04622	0.00235375	7.02053	7.02053	0.398161	1.48775	1.48775	0.250619	1.73547	1.73547	0.0527349	2.74895	2.74895
cg01464748	ALOX5	1.87E-05	0.202287	1.2371	1.2371	0.000473737	0.419948	-2.38125	0.00056549	2.32659	2.32659	0.000597423	2.31007	2.31007	2.05E-05	3.89669	3.89669
cg12063947	ALOX5	0.000115068	0.00126994	1.46697	1.46697	6.52E-05	0.55015	-1.81769	6.59E-05	0.550673	-1.81596	0.776097	1.02351	1.02351	0.000327468	0.623096	-1.60489
cg02070873	ALOX5	0.00017788	0.245108	0.745548	-1.3413	0.000148455	4.82977	4.82977	0.0442789	0.572337	-1.74722	0.675807	1.10691	1.10691	0.0711212	0.614536	-1.62724
cg14968482	ALOX5	0.000184269	0.803171	0.94372	-1.05964	0.00416621	0.41038	-2.43676	0.784683	0.938452	-1.06559	0.0881654	0.646338	-1.54718	1.68E-06	0.0616776	-16.2133
cg24302529	ALOX5	0.000277232	0.30125	1.41063	1.41063	0.11822	0.579936	-1.72433	0.0225041	2.40569	2.40569	0.00414372	3.43706	3.43706	0.000569974	5.55121	5.55121
cg19021328	ALOX5	0.00151712	0.746122	0.94451	-1.05875	0.209315	1.26182	1.26182	0.0229256	1.61323	1.61323	0.585088	0.907656	-1.10174	0.304507	0.829545	-1.20548
cg18809289	ALOX5	0.00238626	0.81572	0.950462	-1.05212	0.865533	0.963787	-1.03757	0.00782106	2.10214	2.10214	0.0619008	1.5802	1.5802	0.18798	0.738132	-1.35477
cg06127294	ALOX5	0.00384579	0.543746	0.819135	-1.2208	0.358853	0.736173	-1.35838	0.000340035	0.153541	-6.51291	0.475617	0.790175	-1.26554	0.0280436	0.430668	-2.32197
cg07355189	ALOX5	0.00600681	0.500582	1.51446	1.51446	0.0299228	0.212094	-4.71488	0.570165	1.41675	1.41675	0.120582	2.779	2.779	0.0277676	4.85051	4.85051
cg26291600	ALOX5	0.00614107	0.147528	0.508321	-1.96726	0.000835738	0.112034	-8.92587	0.63699	0.813039	-1.22995	0.33229	1.54573	1.54573	0.560808	0.77408	-1.29186
cg09832911	ALOX5	0.0131832	0.4169	0.663697	-1.50671	0.00102309	0.0902243	-11.0835	0.70732	0.829975	-1.20486	0.89163	1.06967	1.06967	0.518815	0.723855	-1.38149
cg12877354	ALOX5	0.0179148	0.252325	0.734239	-1.36196	0.422758	0.809335	-1.23558	0.00234641	0.33389	-2.995	0.330737	0.771607	-1.296	0.39074	0.796763	-1.25508
cg21981270	ALOX5	0.0185336	0.778473	1.19849	1.19849	0.0256968	5.48019	5.48019	0.0259922	0.183316	-5.45505	0.66947	1.31745	1.31745	0.944786	1.04547	1.04547
cg09806262	ALOX5	0.0212991	0.723755	0.869599	-1.14996	0.00250849	5.22144	5.22144	0.0312858	0.369804	-2.70414	0.891802	1.05505	1.05505	0.81711	1.0955	1.0955
cg04194494	ALOX5	0.0213472	0.390858	0.48844	-2.04734	0.0351871	7.38529	7.38529	0.0595698	0.176769	-5.65709	0.596932	0.6473	-1.54488	0.179552	0.312918	-3.19573
cg03866211	ALOX5	0.0238787	0.821109	1.03374	1.03374	0.794135	1.03906	1.03906	0.863793	0.975159	-1.02547	0.14099	1.26108	1.26108	0.0666259	1.35163	1.35163
cg27608999	ALOX5	0.0242476	0.643784	0.790871	-1.26443	0.0850793	0.383154	-2.60991	0.0143509	0.218514	-4.57637	0.291808	0.576308	-1.73518	0.140901	0.450242	-2.22103
cg13396900	ALOX5	0.0278946	0.0244005	0.657381	-1.52119	0.118547	0.767189	-1.30346	0.663833	1.07079	1.07079	0.47534	1.12023	1.12023	0.526982	1.10545	1.10545
cg10069493	ALOX5	0.0309247	0.906971	0.925863	-1.08007	0.0218507	6.12883	6.12883	0.0511946	0.231529	-4.31911	0.98162	1.01529	1.01529	0.888739	0.911892	-1.09662
cg00675569	ALOX5	0.0348343	?	?	?	0.0581204	8.49647	8.49647	0.158598	0.22188	-4.50695	0.0735861	0.1363	-7.33677	0.841621	1.22126	1.22126
cg15590007	ALOX5	0.0369778	0.212021	0.608697	-1.64285	0.0232911	2.78392	2.78392	0.314695	0.67529	-1.48084	0.640234	0.837151	-1.19453	0.0813081	0.482055	-2.07445
cg05086264	ALOX5	0.0394144	0.509541	0.894293	-1.1182	0.00504283	1.85766	1.85766	0.227793	0.809447	-1.23541	0.44202	0.877303	-1.13986	0.047226	0.684448	-1.46103
cg14514237	ALOX5	0.0411057	0.017796	0.401874	-2.48834	0.649059	0.865061	-1.15599	0.233082	0.673281	-1.48526	0.159593	0.621572	-1.60882	0.00731812	0.334854	-2.98637
cg16831085	ALOX5	0.0434081	0.623238	0.67205	-1.48799	0.0457471	6.28531	6.28531	0.0465113	0.16042	-6.23363	0.68927	1.38071	1.38071	0.804657	1.22005	1.22005
cg10690063	ALOX5	0.0467953	0.0322963	0.283173	-3.53141	0.0336004	0.28671	-3.48784	0.048121	0.320809	-3.11712	0.0865359	0.385609	-2.5933	0.103492	0.408104	-2.45035
cg05026102	ALOX5;ALOX5	0.000345288	0.609093	1.10405	1.10405	0.309244	1.2238	1.2238	0.364485	1.19583	1.19583	0.233361	0.786779	-1.27101	0.719392	0.933103	-1.07169
cg21054703	ALOX5AP	0.00164844	0.295967	0.802697	-1.2458	0.000198667	0.281537	-3.55193	0.000541668	0.33598	-2.97637	0.00196148	0.411652	-2.42924	0.534699	0.880283	-1.136
cg02982610	ALOX5AP	0.00272909	0.029486	0.653803	-1.52951	0.00719925	0.562699	-1.77715	0.0105093	0.586418	-1.70527	0.000475975	0.402793	-2.48267	0.499515	0.892594	-1.12033
cg02946394	ALOXE3;ALOXE3	5.54E-05	0.521533	1.09086	1.09086	0.0341494	1.39222	1.39222	0.73928	0.956276	-1.04572	0.526475	1.08971	1.08971	6.79E-06	0.262735	-3.80612
cg07597269	ALOXE3;ALOXE3	0.0002217	0.0102426	1.6111	1.6111	0.277599	0.846724	-1.18102	0.000574292	2.19329	2.19329	0.741074	0.952312	-1.05008	0.00786861	1.65277	1.65277
cg27408184	ALOXE3;ALOXE3	0.000318499	0.439418	1.16582	1.16582	0.00582595	2.01887	2.01887	0.0113066	0.539449	-1.85374	0.289229	1.23867	1.23867	5.51E-05	0.232095	-4.30858
cg10612560	ALOXE3;ALOXE3	0.000706882	0.790957	0.961726	-1.0398	0.000572755	2.18869	2.18869	0.000653243	0.464157	-2.15444	0.0980128	0.765961	-1.30555	0.00887541	0.613099	-1.63106
cg12210770	ALOXE3;ALOXE3	0.00659563	0.403836	1.15684	1.15684	0.802157	1.04375	1.04375	0.310007	1.19622	1.19622	0.477389	0.88408	-1.13112	0.0323448	1.53322	1.53322
cg05365385	ALOXE3;ALOXE3	0.015227	0.375997	1.45772	1.45772	0.823578	1.09705	1.09705	0.135009	0.512549	-1.95103	0.138039	1.93951	1.93951	0.00409305	0.202312	-4.94286
cg14394478	ALOXE3;ALOXE3	0.0241382	0.0741207	1.60177	1.60177	0.309131	1.28294	1.28294	0.329042	0.787843	-1.26929	0.0370334	1.77397	1.77397	0.0486681	1.70411	1.70411
cg18700133	ALOXE3;ALOXE3	0.0264274	0.0502045	11.4455	11.4455	0.00649623	47.5824	47.5824	0.103233	7.0003	7.0003	0.24617	3.75928	3.75928	0.0323025	15.4392	15.4392
cg22129111	ALOXE3;ALOXE3	0.0278967	0.0097069	0.198764	-5.0311	0.00579269	0.167787	-5.95992	0.0579423	0.346963	-2.88215	0.0634871	0.356837	-2.8024	0.070022	0.367751	-2.71923
cg11124930	ALOXE3;ALOXE3	0.0305301	0.0105672	0.66967	-1.49327	0.0173836	1.43487	1.43487	0.393484	1.11514	1.11514	0.0777	0.783135	-1.27692	0.574016	1.07338	1.07338
cg10466728	ALOXE3;ALOXE3	0.0341217	0.0604048	2.02527	2.02527	0.115695	1.76801	1.76801	0.934755	0.973084	-1.02766	0.0952867	1.84186	1.84186	0.0957937	1.83981	1.83981
cg08116113	ALOXE3;ALOXE3	0.0357117	0.287231	1.17936	1.17936	0.00481441	1.74794	1.74794	0.373745	0.872566	-1.14604	0.670926	1.06589	1.06589	0.143647	1.26438	1.26438
cg10392768	ALOXE3;ALOXE3;ALOXE3	0.0339041	0.242865	0.829927	-1.20493	0.00102757	2.10032	2.10032	0.880462	1.02322	1.02322	0.72361	0.94728	-1.05565	0.828998	0.967545	-1.03354
cg22094845	ALPI	0.00013083	0.701733	0.907078	-1.10244	0.600164	1.14344	1.14344	0.000424801	0.243031	-4.11471	0.277969	1.33099	1.33099	0.000400109	0.23992	-4.16806
cg12307638	ALPI	0.000290654	0.270813	1.34417	1.34417	0.00593882	2.5299	2.5299	0.00114884	0.291468	-3.43091	0.90993	1.02963	1.02963	0.0395056	0.540992	-1.84846
cg22199969	ALPI	0.00034468	0.288282	1.55863	1.55863	0.0815824	2.17508	2.17508	0.502543	0.760375	-1.31514	0.565683	1.26334	1.26334	0.000867533	0.133727	-7.47793
cg19371555	ALPI	0.000390955	0.0179793	0.64714	-1.54526	0.0150398	1.57209	1.57209	0.032298	0.684221	-1.46152	0.331801	0.859356	-1.16366	0.00103456	0.479179	-2.0869
cg12825872	ALPI	0.000427327	0.535797	0.91224	-1.0962	0.0198417	0.662336	-1.50981	0.000129186	0.377373	-2.6499	0.00413806	0.569384	-1.75628	0.000379069	0.435257	-2.29749
cg04519870	ALPI	0.00133366	0.00431264	0.590713	-1.69287	0.00812215	0.626579	-1.59597	0.000157415	0.409881	-2.43973	0.346183	1.14319	1.14319	0.00422833	0.589603	-1.69606
cg05423257	ALPI	0.00176244	0.0897213	0.616518	-1.62201	0.130773	0.655801	-1.52485	0.000254686	0.210556	-4.74933	0.00532349	0.386969	-2.58419	0.00821032	0.417126	-2.39736
cg25752514	ALPI	0.00226578	0.0989647	0.673237	-1.48536	0.452376	1.18229	1.18229	4.40E-05	0.183775	-5.44142	0.306797	1.26038	1.26038	0.212183	0.750187	-1.333
cg17875028	ALPI	0.00227914	0.012625	0.384709	-2.59937	0.0506485	0.503551	-1.98589	0.000252228	0.155838	-6.41694	0.46266	0.79428	-1.259	0.0101815	0.368525	-2.71352
cg07058918	ALPI	0.00241982	0.0123145	0.352924	-2.83347	0.0277499	0.419259	-2.38516	0.000223089	0.128332	-7.79227	0.652628	0.859507	-1.16346	0.0237486	0.405807	-2.46423
cg25690016	ALPI	0.00248018	0.912984	0.98156	-1.01879	0.313235	1.19435	1.19435	0.00054484	0.400551	-2.49656	0.713114	1.0649	1.0649	0.249799	0.814823	-1.22726
cg26181818	ALPI	0.00279014	0.134733	1.70565	1.70565	0.000377231	6.56383	6.56383	0.454791	1.28671	1.28671	0.323982	1.40114	1.40114	0.378792	1.34849	1.34849
cg04920535	ALPI	0.00318738	0.0897182	0.64171	-1.55834	0.950355	0.985343	-1.01488	0.00170208	0.345502	-2.89434	0.10206	1.52862	1.52862	0.0457575	0.580947	-1.72133
cg05007992	ALPI	0.00643756	0.295926	0.648997	-1.54084	0.062941	0.434089	-2.30367	0.00585001	0.237114	-4.21739	0.495043	0.758534	-1.31833	0.00397308	0.213342	-4.6873
cg13481776	ALPI	0.00644261	0.0712793	0.711011	-1.40645	0.00113609	0.444638	-2.24902	0.000480243	0.395555	-2.52809	0.00620664	0.546574	-1.82958	0.480958	0.885784	-1.12894
cg19854835	ALPI	0.00913937	0.766932	0.891098	-1.12221	0.435854	0.73463	-1.36123	0.00978645	0.281657	-3.55042	0.74849	1.13291	1.13291	0.0251147	0.355784	-2.8107
cg23238134	ALPI	0.014991	0.948199	0.983358	-1.01692	0.00226824	3.01341	3.01341	0.215956	0.714366	-1.39984	0.583395	0.866701	-1.1538	0.0466743	1.80102	1.80102
cg18110661	ALPI	0.0193296	0.317663	0.806727	-1.23958	0.0305939	0.589637	-1.69596	0.000359912	0.304241	-3.28687	0.539694	0.878886	-1.1378	0.83815	0.958365	-1.04344
cg23950232	ALPI	0.0338011	0.869242	0.935489	-1.06896	0.193768	0.573191	-1.74462	0.138534	0.524428	-1.90684	0.790807	1.11361	1.11361	0.017418	0.309824	-3.22764
cg08210297	ALPI;ALPI	0.00273938	0.551654	0.880733	-1.13542	0.43237	0.844533	-1.18409	0.00206252	0.400447	-2.49721	0.612813	0.897973	-1.11362	0.000640532	0.331152	-3.01976
cg04085768	ALPK1;ALPK1	0.000201287	0.556402	1.20666	1.20666	0.00853902	2.88541	2.88541	0.00104273	4.63048	4.63048	0.000445009	5.75505	5.75505	0.174773	1.57739	1.57739
cg27183456	ALPK1;ALPK1	0.000270726	0.0433199	2.72633	2.72633	0.00111329	7.94616	7.94616	0.0104007	4.02445	4.02445	0.00043295	11.0419	11.0419	0.0158173	3.5815	3.5815
cg20973974	ALPK1;ALPK1	0.000619778	0.00036707	0.250204	-3.99675	0.000300533	0.239883	-4.1687	0.00491292	0.404593	-2.47162	0.00826146	0.440378	-2.27078	0.00316569	0.375685	-2.66181
cg02266725	ALPK1;ALPK1	0.00240704	0.247051	1.14953	1.14953	0.554521	1.07125	1.07125	0.00298572	0.625645	-1.59835	0.0343969	1.32855	1.32855	0.00248011	0.616164	-1.62294
cg15936366	ALPK1;ALPK1	0.00296633	0.629005	0.869325	-1.15032	0.000881703	4.19524	4.19524	0.0393507	1.9852	1.9852	0.00940672	2.57801	2.57801	0.286378	0.72726	-1.37502
cg24866437	ALPK1;ALPK1	0.00382038	0.00761109	0.214445	-4.66319	0.172755	1.91743	1.91743	0.436658	0.700463	-1.42763	0.926372	0.95938	-1.04234	0.00799807	0.217631	-4.59494
cg08331733	ALPK1;ALPK1	0.00382991	0.764379	0.89607	-1.11598	0.00413606	4.07003	4.07003	0.545448	1.25029	1.25029	0.000181153	10.1002	10.1002	0.114715	0.53461	-1.87052
cg12139617	ALPK1;ALPK1	0.00535611	0.000198403	0.0707957	-14.1251	0.590073	0.794231	-1.25908	0.0440769	0.375339	-2.66426	0.0640988	0.414212	-2.41423	0.0045837	0.202157	-4.94664
cg02090418	ALPK1;ALPK1	0.00921464	0.385353	1.29884	1.29884	0.00125378	3.99205	3.99205	0.00368129	3.16911	3.16911	0.0659803	1.83313	1.83313	0.775219	0.919325	-1.08775
cg10855342	ALPK1;ALPK1	0.0125681	0.547717	1.09097	1.09097	0.843273	1.02874	1.02874	0.00188888	0.532401	-1.87828	0.555687	1.08905	1.08905	0.169227	0.810902	-1.2332
cg02735381	ALPK1;ALPK1	0.0271505	0.188781	0.70425	-1.41995	0.0693002	0.599455	-1.66818	0.000705731	0.272533	-3.66929	0.870441	1.04196	1.04196	0.642549	0.888959	-1.12491
cg20011278	ALPK1;ALPK1	0.0287508	0.00840537	0.144368	-6.92675	0.847648	0.89531	-1.11693	0.0265989	0.220692	-4.53121	0.993493	0.995322	-1.0047	0.00476706	0.115963	-8.62343
cg21137236	ALPK1;ALPK1	0.032417	0.897229	0.948209	-1.05462	0.0125153	3.59107	3.59107	0.206493	1.73037	1.73037	0.0145499	3.45079	3.45079	0.516137	0.762661	-1.3112
cg11376227	ALPK1;ALPK1	0.0362182	0.938915	0.974042	-1.02665	0.0224035	2.55694	2.55694	0.130669	1.75088	1.75088	0.531444	1.243	1.243	0.359314	0.723658	-1.38187
cg10888461	ALPK1;ALPK1	0.0376796	0.524029	0.799235	-1.2512	0.0739169	1.99636	1.99636	0.73425	0.888465	-1.12554	0.445438	1.30991	1.30991	0.252953	0.66073	-1.51348
cg17445830	ALPK1;ALPK1	0.0492171	0.0174452	0.101292	-9.87247	0.118494	0.261603	-3.82258	0.0429788	0.158379	-6.31397	0.834018	1.18061	1.18061	0.170337	0.314938	-3.17523
cg02269083	ALPK2	0.00629635	0.0134275	2.32023	2.32023	0.00133317	3.60602	3.60602	0.0533779	1.82825	1.82825	0.037958	0.516037	-1.93785	0.120178	0.629083	-1.58961
cg07910680	ALPK2	0.0127326	0.019364	0.487059	-2.05314	0.0423326	1.81281	1.81281	0.185212	0.699476	-1.42964	0.0592457	0.581715	-1.71905	0.00109202	0.293572	-3.40632
cg27614534	ALPK2	0.0225161	0.826298	1.03852	1.03852	0.103907	1.35765	1.35765	0.561514	1.10622	1.10622	0.670938	1.07625	1.07625	0.000529901	0.395374	-2.52925
cg00031779	ALPK2	0.0346662	0.500882	0.90166	-1.10907	0.464759	1.11933	1.11933	0.170192	0.801446	-1.24775	0.230444	0.826442	-1.21001	0.664195	1.06842	1.06842
cg25407077	ALPK2	0.041281	0.660529	1.1007	1.1007	0.112634	1.45489	1.45489	0.145156	1.40445	1.40445	0.622766	1.11365	1.11365	0.665577	1.09901	1.09901
cg14386193	ALPK2;ALPK2	0.0139447	0.00724887	0.306434	-3.26335	0.0117922	0.341726	-2.92632	0.0588079	0.482548	-2.07233	0.0621591	0.488258	-2.0481	0.0496805	0.465594	-2.14779
cg19092105	ALPK3	0.000315971	0.70542	1.03339	1.03339	0.0503558	0.824545	-1.21279	0.00114624	0.661364	-1.51203	0.367301	1.08339	1.08339	0.0224994	0.789482	-1.26665
cg01390082	ALPK3	0.0102058	0.155857	0.704143	-1.42017	0.00912325	0.465237	-2.14944	0.0401023	0.578103	-1.72979	0.369231	1.23744	1.23744	0.215868	1.35108	1.35108
cg06532379	ALPK3	0.0126633	0.0350879	8.19479	8.19479	0.00391647	27.8466	27.8466	0.07537	5.45321	5.45321	0.156643	3.66223	3.66223	0.0354639	8.14833	8.14833

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15749260	0.512441	1.13388	1.13388	0.51248	1.13387	1.13387	0.263253	0.802055	-1.2468	0.0237779	0.600297	-1.66584	5.53752	3.13702	0.503558	1
cg14975154	0.0531153	0.372197	-2.68675	0.00178498	0.135385	-7.38633	0.283462	0.605815	-1.65067	0.108956	0.455573	-2.19504	4.7566	15.2379	2.84759	1
cg13584399	0.0411603	0.447581	-2.23423	0.115513	0.557752	-1.79291	0.00437217	3.66544	3.66544	0.671729	1.15656	1.15656	4.25738	7.85115	1.63922	1
cg01307555	0.73021	0.832812	-1.20075	0.0265729	0.249276	-4.01161	0.508893	0.701777	-1.42495	0.0548474	0.316374	-3.16081	3.67295	16.247	3.93193	1
cg19294448	3.51E-05	0.266137	-3.75746	0.300096	0.83707	-1.19464	0.66339	0.930038	-1.07523	0.000769108	0.430173	-2.32465	33.0084	14.3399	0.386161	1
cg08870757	0.975478	1.00873	1.00873	1.36E-05	0.0763107	-13.1043	0.831849	1.06197	1.06197	0.00600583	0.362298	-2.76016	17.5082	22.1744	1.1258	1
cg21237687	0.01456	3.5188	3.5188	0.000383894	10.692	10.692	0.000655516	8.87497	8.87497	0.0312138	2.87751	2.87751	8.87407	24.5663	2.46073	1
cg12262378	0.0279369	4.10463	4.10463	0.000556527	18.3917	18.3917	0.000645135	17.2218	17.2218	0.0224983	4.41919	4.41919	7.77716	36.4089	4.16135	1
cg13647527	0.259155	0.840886	-1.18922	0.0258205	0.677321	-1.47641	0.826523	0.968205	-1.03284	0.711723	0.946824	-1.05616	5.52527	1.89637	0.305082	1
cg03407747	0.044053	4.16225	4.16225	0.00158819	16.3458	16.3458	0.00208055	14.4534	14.4534	0.0543983	3.83943	3.83943	5.30068	31.8924	5.34815	1
cg03404566	0.0262621	3.65525	3.65525	0.00262716	7.75082	7.75082	0.00607983	5.82026	5.82026	0.0467468	3.06349	3.06349	5.12589	19.6287	3.40384	1
cg05657792	0.98449	0.988924	-1.0112	0.663788	1.28481	1.28481	0.0201617	4.98117	4.98117	0.0805867	3.0356	3.0356	5.12399	26.6436	4.62202	1
cg25987502	0.0689302	2.06609	2.06609	0.00560006	3.65762	3.65762	0.0258792	2.56776	2.56776	0.443485	1.3212	1.3212	5.07485	10.2153	1.78927	1
cg02493798	0.031573	4.5339	4.5339	0.00243688	12.5484	12.5484	0.00677236	8.20263	8.20263	0.0515298	3.77715	3.77715	5.07406	28.8936	5.06167	1
cg13383971	0.0101994	0.534665	-1.87033	0.0947593	0.701223	-1.42608	0.496918	1.14261	1.14261	0.0151833	0.561877	-1.77975	4.9052	2.90243	0.52596	1
cg03760483	0.0183058	3.57947	3.57947	0.00183857	7.17319	7.17319	0.00994875	4.26248	4.26248	0.0494492	2.71408	2.71408	4.89582	15.3789	2.7922	1
cg22741997	0.11967	0.785184	-1.27359	0.00187081	1.88108	1.88108	0.197231	0.822633	-1.21561	0.343563	1.14999	1.14999	4.75547	1.54508	0.288805	1
cg09737314	0.147255	3.31518	3.31518	0.0114198	11.4694	11.4694	0.00601681	15.893	15.893	0.085293	4.33211	4.33211	3.68919	34.7	8.36077	1
cg08946332	0.791684	1.08265	1.08265	0.00239163	3.55928	3.55928	0.116647	1.66761	1.66761	0.0699961	1.83625	1.83625	3.5897	5.11596	1.26683	1
cg25918023	0.0256437	0.506517	-1.97427	0.0588946	1.72874	1.72874	0.31824	1.30304	1.30304	0.345851	0.779502	-1.28287	3.5011	3.65065	0.926856	1
cg20216752	0.523824	0.712363	-1.40378	0.0121862	0.193983	-5.1551	0.369655	0.616498	-1.62207	0.076542	0.355466	-2.81321	3.44855	15.0543	3.88034	1
cg05215272	0.286212	1.76346	1.76346	0.00258545	8.49089	8.49089	0.0692939	2.83173	2.83173	0.227646	1.913	1.913	3.39342	14.0998	3.69337	1
cg07482451	0.000166814	0.672505	-1.48698	0.017522	0.836178	-1.19592	8.88E-08	0.33752	-2.96279	3.35E-05	0.607838	-1.64518	104.49	6.33744	0.0539121	1
cg05704893	0.000173331	6.31769	6.31769	0.826681	1.06546	1.06546	0.0710362	1.79156	1.79156	0.227718	1.4421	1.4421	8.2106	10.8704	1.17684	1
cg01067326	0.046703	1.57633	1.57633	0.000179921	0.281637	-3.55066	0.424856	0.849713	-1.17687	0.0335416	0.608828	-1.6425	7.99156	5.05417	0.562168	1
cg00681665	0.642301	0.835256	-1.19724	0.000109986	0.0728057	-13.7352	0.122492	0.525149	-1.90422	0.0153463	0.318174	-3.14293	7.65895	17.9653	2.08504	1
cg03742272	0.0186758	0.40132	-2.49178	0.00130227	0.223184	-4.48062	0.0124109	0.369108	-2.70923	0.00593998	0.315926	-3.16529	7.49319	12.1729	1.44403	1
cg19989673	0.106117	0.672794	-1.48634	0.249824	0.763324	-1.31006	0.168732	0.719415	-1.39002	0.873663	1.03638	1.03638	6.55049	5.23179	0.709943	1
cg06858294	0.594612	1.05306	1.05306	0.000258033	0.560531	-1.78402	0.731188	1.03375	1.03375	0.708875	0.964543	-1.03676	6.12971	0.899416	0.130427	1
cg22299191	0.289693	0.82708	-1.20907	0.000336449	0.368349	-2.71482	0.0134565	0.589422	-1.69658	0.341689	0.844292	-1.18442	5.53763	2.61754	0.420163	1
cg21903994	0.807656	0.972647	-1.02812	0.112401	0.82158	-1.21717	0.00132551	1.70053	1.70053	0.535713	1.07392	1.07392	4.8803	0.999356	0.182021	1
cg15188150	0.128076	0.398188	-2.51137	0.00110955	0.0678876	-14.7302	0.560372	0.719227	-1.39038	0.225503	0.490421	-2.03906	4.05981	20.1458	4.41088	1
cg05952715	0.216017	0.749752	-1.33377	0.12802	0.694919	-1.43902	0.000108144	0.221008	-4.52472	0.0852728	0.656491	-1.52325	6.99094	5.41768	0.688851	1
cg16181638	0.265364	0.904016	-1.10618	0.106584	1.16554	1.16554	0.0824833	0.846022	-1.182	0.059431	0.831124	-1.20319	16.477	1.97228	0.106399	1
cg11313429	0.856602	0.976819	-1.02373	0.000278164	0.462476	-2.16228	0.000618061	0.504945	-1.98041	0.426962	0.900171	-1.1109	9.97763	2.65674	0.236684	1
cg07391831	0.0726977	3.46834	3.46834	0.000916695	21.6988	21.6988	0.00326332	12.0737	12.0737	0.0385397	4.43132	4.43132	5.53153	33.7989	5.4313	1
cg16893174	0.0902066	3.30346	3.30346	0.000896114	24.0954	24.0954	0.00267804	14.2451	14.2451	0.0309058	5.0623	5.0623	5.48317	35.5665	5.76577	1
cg04517747	0.0523802	0.711919	-1.40465	0.0540654	0.714079	-1.40041	0.468871	0.892703	-1.12019	0.0689576	0.730915	-1.36815	5.45566	2.04965	0.333949	1
cg26334670	0.0143871	5.61765	5.61765	0.00490319	8.43755	8.43755	0.00723449	7.26155	7.26155	0.0568209	3.43218	3.43218	4.98625	25.8451	4.60736	1
cg18007837	0.0897922	6.0356	6.0356	0.00981424	23.0565	23.0565	0.00271042	53.6125	53.6125	0.0287978	11.9227	11.9227	4.8759	71.3558	13.0083	1
cg09705592	0.327385	0.833514	-1.19974	0.839103	0.964044	-1.0373	0.48738	1.13552	1.13552	0.0124289	1.75128	1.75128	4.76597	2.44881	0.456722	1
cg24139878	0.0255955	1.81254	1.81254	0.0104179	2.06122	2.06122	0.779835	0.939092	-1.06486	0.0359175	1.72857	1.72857	3.97378	3.16482	0.707935	1
cg01758314	0.0723747	0.443618	-2.25419	0.0398722	0.381742	-2.61957	0.0308244	0.357734	-2.79537	0.746666	0.876875	-1.14041	3.48941	9.08131	2.31336	1
cg05715138	0.138104	0.856142	-1.16803	0.000154341	1.87899	1.87899	8.50E-08	0.179599	-5.56795	0.00219606	0.658551	-1.51848	58.0864	8.70549	0.133219	1
cg12786765	0.00226469	0.537761	-1.85956	1.91E-06	0.179939	-5.55743	1.45E-05	0.269837	-3.70594	0.00373609	0.566296	-1.76586	40.2538	13.4451	0.296897	1
cg06222638	0.204058	0.693779	-1.44138	2.68E-05	9.60752	9.60752	1.42E-05	11.7729	11.7729	0.886334	1.03978	1.03978	22.4659	26.4712	1.04736	1
cg23873735	0.0113287	0.46464	-2.1522	9.34E-05	0.185573	-5.38871	0.212858	0.728234	-1.37318	0.00692326	0.429645	-2.3275	11.9634	11.0708	0.822566	1
cg03702392	0.297362	1.4821	1.4821	0.574965	1.22917	1.22917	0.00195329	4.92852	4.92852	0.00363204	4.19221	4.19221	6.24611	13.1208	1.86724	1
cg22280258	0.0552354	0.291684	-3.42837	0.00146343	0.07392	-13.5281	0.95714	1.03094	1.03094	0.569784	1.38494	1.38494	4.68293	23.8387	4.52494	1
cg08844929	0.0793925	1.47139	1.47139	0.4754	1.15482	1.15482	0.0297521	1.66085	1.66085	0.240433	1.27604	1.27604	4.03528	2.51394	0.553768	1
cg13852234	0.08429	0.715426	-1.39777	0.108013	0.735291	-1.36001	0.000108838	0.302545	-3.30529	0.00199357	0.465178	-2.14971	10.7653	5.24224	0.43285	1
cg12343777	0.0190852	2.64168	2.64168	0.56205	1.2223	1.2223	0.460302	0.773058	-1.29356	0.0122778	2.90942	2.90942	4.38121	8.13555	1.6506	1
cg22256433	0.0164641	2.91461	2.91461	0.0740054	2.0684	2.0684	0.53161	1.26021	1.26021	0.00937589	3.32821	3.32821	4.31739	9.10972	1.87556	1
cg18308285	0.0782537	3.23174	3.23174	0.37162	0.57692	-1.73334	0.385513	0.586579	-1.7048	0.108398	2.85802	2.85802	3.62726	20.6545	5.06155	1
cg15799267	0.0472476	2.83643	2.83643	0.00390721	5.95278	5.95278	0.733887	0.854958	-1.16965	0.0421212	2.93088	2.93088	4.79983	16.0316	2.96891	1
cg01464748	0.0602462	0.715378	-1.39786	7.36E-06	4.7658	4.7658	0.000319047	2.51173	2.51173	0.000638651	2.29028	2.29028	34.4571	13.6316	0.351654	1
cg12063947	0.00470346	0.736283	-1.35817	0.0115708	0.773129	-1.29345	0.39693	1.07325	1.07325	0.0329915	0.816104	-1.22533	21.3238	2.24308	0.0935038	1
cg02070873	0.53324	0.858635	-1.16464	0.358533	0.796104	-1.25612	8.31E-06	10.4589	10.4589	0.98176	0.994494	-1.00554	18.9636	17.519	0.821172	1
cg14968482	0.0295276	0.551887	-1.81196	0.824714	0.949849	-1.0528	0.154469	0.702207	-1.42408	0.0335556	0.562192	-1.77875	18.7835	16.0047	0.757391	1
cg24302529	0.609677	0.847564	-1.17985	1.56E-05	17.597	17.597	0.00190708	4.1059	4.1059	0.00209063	4.01798	4.01798	16.809	27.4662	1.45246	1
cg19021328	0.409516	0.86223	-1.15978	0.717578	0.93816	-1.06592	2.33E-05	4.41751	4.41751	0.0907664	1.38745	1.38745	10.4454	5.1093	0.434795	1
cg18809289	0.732408	0.928026	-1.07756	0.0935701	0.669408	-1.49386	7.28E-05	4.81196	4.81196	0.866644	0.964084	-1.03725	9.15654	6.86865	0.666788	1
cg06127294	0.020889	0.405569	-2.46567	0.00388158	0.282934	-3.53439	0.000855769	0.196722	-5.08332	0.184296	0.633061	-1.57963	7.946	13.2632	1.4837	1
cg07355189	0.0726289	0.296441	-3.37335	0.00204246	13.9984	13.9984	0.00551918	9.15473	9.15473	0.0242878	5.10397	5.10397	6.93673	40.4893	5.1884	1
cg26291600	0.0266496	0.318618	-3.13856	0.0327766	2.9668	2.9668	0.00350143	0.17823	-5.61074	0.65129	1.2191	1.2191	6.88952	20.6867	2.66901	1
cg09832911	0.0114336	0.209339	-4.77694	0.105585	2.3954	2.3954	0.0104028	0.203083	-4.92409	0.509105	0.718261	-1.39225	5.40537	20.8994	3.43681	1
cg12877354	0.877564	0.960954	-1.04063	0.000923337	0.278464	-3.59113	0.583948	0.866863	-1.15359	0.0596849	0.577521	-1.73154	4.88291	5.16158	0.939618	1
cg21981270	0.00092475	23.9599	23.9599	0.594936	1.41134	1.41134	0.742091	1.23617	1.23617	0.990715	0.992557	-1.0075	4.8274	31.5147	5.80294	1
cg09806262	0.00687376	3.96665	3.96665	0.758361	1.12918	1.12918	0.948238	1.02589	1.02589	0.382889	1.42236	1.42236	4.60472	11.3053	2.18235	1
cg04194494	0.00280719	28.6602	28.6602	0.0649992	0.184761	-5.41241	0.698388	0.728076	-1.37348	0.823542	0.833583	-1.19964	4.60117	48.403	9.35086	1
cg03866211	0.876904	0.977547	-1.02297	0.00168842	1.92983	1.92983	0.017737	0.655448	-1.52567	0.921439	1.01456	1.01456	4.42716	1.50497	0.302169	1
cg27608999	0.0030134	7.76078	7.76078	0.213378	0.516739	-1.93521	0.362679	0.624132	-1.60223	0.806125	0.883471	-1.1319	4.40371	17.7062	3.57399	1
cg13396900	0.689684	0.939156	-1.06479	0.00290937	1.89642	1.89642	0.118159	0.766939	-1.30389	0.315353	0.850121	-1.1763	4.19335	1.62461	0.344378	1
cg10069493	0.00214619	17.1228	17.1228	0.617687	0.717795	-1.39316	0.755307	0.81384	-1.22874	0.86996	0.897667	-1.114	4.04293	27.7999	6.11217	1
cg00675569	0.00320315	55.6992	55.6992	0.911332	0.894675	-1.11772	0.688559	1.49562	1.49562	0.921782	1.1031	1.1031	3.93677	55.3214	14.0525	1
cg15590007	0.305024	1.49346	1.49346	0.573164	0.806562	-1.23983	0.781826	0.900473	-1.11053	0.00396724	0.231573	-4.3183	3.79069	8.56101	2.00749	1
cg05086264	0.317309	0.84146	-1.18841	0.0697645	1.40304	1.40304	0.750675	1.05467	1.05467	0.256505	1.21869	1.21869	3.70318	1.63542	0.392557	1
cg14514237	0.653021	0.866599	-1.15394	0.00945728	0.353278	-2.83063	0.377	1.33218	1.33218	0.14869	0.612587	-1.63242	3.64627	5.7808	1.40925	1
cg16831085	0.00269204	27.8988	27.8988	0.858305	0.866378	-1.15423	0.87004	1.14045	1.14045	0.933086	0.93482	-1.06972	3.57327	36.4572	9.06913	1
cg10690063	0.056413	0.337152	-2.96602	0.0709387	0.362233	-2.76066	0.00504647	0.154673	-6.46527	0.10061	0.404456	-2.47246	3.47412	13.9386	3.56632	1
cg05026102	0.234037	1.27052	1.27052	3.67E-06	0.124956	-8.00281	0.871923	1.03145	1.03145	0.0891597	0.697838	-1.433	15.8281	9.23348	0.518543	1
cg21054703	0.676335	1.08887	1.08887	0.113788	1.41755	1.41755	0.993826	1.00157	1.00157	0.319635	0.811746	-1.23191	10.1982	6.64287	0.579002	1
cg02982610	0.545752	1.10667	1.10667	0.0209031	1.58524	1.58524	0.109272	0.748663	-1.33572	0.00574245	0.548724	-1.82241	8.80148	3.83028	0.386832	1
cg02946394	0.368778	0.883764	-1.13152	0.0005194	2.06384	2.06384	0.000115928	0.404766	-2.47057	0.000845532	0.510836	-1.95757	25.9033	7.35089	0.25225	1
cg07597269	3.17E-05	0.302904	-3.30138	0.00241767	0.536611	-1.86355	0.401259	0.881088	-1.13496	0.553941	0.915558	-1.09223	17.8646	6.14351	0.305683	1
cg27408184	0.011641	1.84694	1.84694	0.690113	0.924988	-1.0811	0.000317071	0.32148	-3.11062	0.0937212	0.698638	-1.43136	16.1827	9.70229	0.53293	1
cg10612560	0.511681	0.906854	-1.10271	0.00342578	0.557595	-1.79342	0.00182136	0.521552	-1.91735	0.183265	1.23051	1.23051	12.9753	4.43463	0.3038	1
cg12210770	0.000218719	0.349585	-2.86054	0.210687	1.25224	1.25224	0.283204	1.20945	1.20945	0.209196	1.25327	1.25327	6.73875	3.10442	0.409495	1
cg05365385	0.174672	0.549432	-1.82006	0.00393447	0.200025	-4.99938	0.0249938	0.330777	-3.02319	0.137979	0.515535	-1.93973	5.15502	14.0482	2.42236	1
cg14394478	0.010883	2.13142	2.13142	0.00281212	2.64935	2.64935	0.0692222	1.61802	1.61802	0.136564	1.46179	1.46179	4.41061	3.91424	0.788853	1
cg18700133	0.144065	5.54858	5.54858	0.0464732	12.0607	12.0607	0.00705901	44.7818	44.7818	0.00907207	37.3572	37.3572	4.27364	80.6905	16.7831	1
cg22129111	0.266042	0.564212	-1.77238	0.0179688	0.241746	-4.13656	0.0213156	0.254994	-3.92166	0.0444807	0.31994	-3.12558	4.19323	16.196	3.43326	1
cg11124930	0.655842	0.945613	-1.05752	0.0376584	0.740371	-1.35067	0.41909	1.10841	1.10841	0.392614	1.11537	1.11537	4.06146	0.999809	0.218817	1
cg10466728	0.0186605	2.58617	2.58617	0.00380528	3.67164	3.67164	0.0164533	2.65601	2.65601	0.0814151	1.90348	1.90348	3.90281	6.86464	1.56346	1
cg08116113	0.00311654	1.8287	1.8287	0.157748	1.25296	1.25296	0.429949	1.12782	1.12782	0.295451	1.17584	1.17584	3.83902	1.35523	0.313791	1
cg10392768	0.77269	1.04517	1.04517	0.061869	0.725612	-1.37815	0.835873	1.03215	1.03215	0.979788	0.996143	-1.00387	3.91182	1.44148	0.32755	1
cg22094845	2.05E-05	0.112973	-8.85167	4.02E-05	0.137	-7.29928	0.0877925	0.6203	-1.61212	0.211741	0.716477	-1.39572	20.6013	20.9579	0.904272	1
cg12307638	2.05E-05	0.108566	-9.21098	0.00330673	0.356211	-2.80732	0.173894	1.45239	1.45239	0.520528	1.18297	1.18297	16.5932	17.4904	0.936953	1
cg22199969	6.21E-05	0.0512066	-19.5287	0.000142156	0.0712567	-14.0338	0.138959	1.8987	1.8987	0.567899	1.26163	1.26163	15.8357	40.6466	2.28157	1
cg19371555	0.00766765	0.595248	-1.67997	4.01E-05	0.304928	-3.27946	0.00134285	0.493932	-2.02457	0.00224682	0.52334	-1.9108	15.2963	5.55171	0.322617	1
cg12825872	5.52E-05	0.333108	-3.00203	0.00202913	0.528622	-1.89171	0.0603526	0.733236	-1.36382	0.020748	0.665079	-1.50358	14.9255	5.07262	0.3021	1
cg04519870	0.127025	0.796392	-1.25566	0.0751785	1.31432	1.31432	0.748716	0.956633	-1.04533	0.00360333	0.58063	-1.72227	10.8394	3.26687	0.2679	1
cg05423257	0.000234925	0.206657	-4.83892	0.161846	0.679618	-1.47141	0.00333743	0.355985	-2.8091	0.160292	0.678512	-1.47381	10.0027	10.591	0.941162	1
cg25752514	0.327805	0.801768	-1.24724	0.00447542	0.436441	-2.29126	0.387509	0.823877	-1.21377	0.967266	0.991064	-1.00902	9.29675	7.04418	0.673514	1
cg17875028	0.162504	0.631695	-1.58304	0.000878308	0.215111	-4.64875	0.00115078	0.229526	-4.35681	0.0604843	0.520948	-1.91958	9.28075	13.9492	1.33602	1
cg07058918	0.00435223	0.279989	-3.57156	0.000622597	0.172237	-5.80594	0.0190356	0.387325	-2.58181	0.186253	0.626113	-1.59716	9.11905	16.1249	1.57179	1
cg25690016	0.00016073	0.333696	-2.99674	0.0560182	0.691742	-1.44563	0.0238858	0.631943	-1.58242	0.329166	0.842423	-1.18705	9.05322	4.15684	0.408138	1
cg26181818	0.00126842	0.210727	-4.74547	0.303886	0.702868	-1.42274	0.0147099	2.70268	2.70268	0.618048	1.1811	1.1811	8.74409	15.1834	1.54348	1
cg04920535	0.810265	1.0587	1.0587	0.000494911	0.274392	-3.64441	0.0142149	0.488075	-2.04887	0.00674516	0.434768	-2.30008	8.40534	7.48664	0.791734	1
cg05007992	0.000882382	0.13694	-7.30248	0.00532736	0.231192	-4.3254	0.0146135	0.301363	-3.31825	0.0290734	0.3584	-2.79018	6.78967	17.1102	2.24003	1
cg13481776	0.146669	0.768178	-1.30178	0.232813	0.809115	-1.23592	0.128895	0.757433	-1.32025	0.713857	0.939554	-1.06433	6.78802	3.08141	0.40351	1
cg19854835	0.00432925	0.22779	-4.39001	0.000621552	0.129699	-7.71014	0.159022	0.557707	-1.79306	0.0855161	0.478383	-2.09038	6.08262	14.497	2.11853	1
cg23238134	0.0358212	0.532149	-1.87917	0.859338	0.955215	-1.04688	0.0138392	2.19394	2.19394	0.428005	1.23247	1.23247	5.18173	5.47533	0.939254	1
cg18110661	0.590811	0.893279	-1.11947	0.0437267	0.617524	-1.61937	0.174875	0.740796	-1.3499	0.369342	0.825555	-1.21131	4.75929	3.25879	0.608642	1
cg23950232	0.0184401	0.314396	-3.1807	0.00205504	0.172452	-5.79873	0.448624	0.731581	-1.3669	0.179264	0.561339	-1.78145	3.91611	10.1611	2.30638	1
cg08210297	0.00719447	0.481137	-2.07841	0.0109615	1.96051	1.96051	0.0252467	0.570586	-1.75258	0.488042	1.16016	1.16016	8.7917	6.19206	0.626051	1
cg04085768	0.000240096	6.81693	6.81693	7.74E-06	22.1649	22.1649	0.0150703	2.56841	2.56841	0.0386068	2.13079	2.13079	18.3392	28.9619	1.40376	1
cg27183456	0.000133257	17.4277	17.4277	1.69E-05	45.2406	45.2406	0.00690424	4.52222	4.52222	0.106089	2.14184	2.14184	16.9184	49.9001	2.62174	1
cg20973974	0.00355556	0.383208	-2.60955	9.19E-05	0.183446	-5.45121	0.117527	0.661809	-1.51101	0.078271	0.621896	-1.60799	13.4615	12.57	0.830018	1
cg02266725	0.000619191	0.545224	-1.83411	0.115495	1.21774	1.21774	0.648686	0.948561	-1.05423	0.368384	0.899091	-1.11223	9.13324	1.91738	0.186608	1
cg15936366	0.00174501	3.61029	3.61029	0.186849	0.668659	-1.49553	0.874113	0.955415	-1.04667	0.00442948	2.98151	2.98151	8.58687	11.2533	1.16491	1
cg24866437	0.193051	0.539025	-1.8552	0.000188587	0.0592822	-16.8685	0.0111283	0.239824	-4.16972	0.470936	0.719614	-1.38963	7.96186	25.3817	2.8337	1
cg08331733	0.0643588	2.13542	2.13542	0.0142628	3.01435	3.01435	0.156064	1.74015	1.74015	0.146849	1.76544	1.76544	7.95589	16.7923	1.87615	1
cg12139617	0.286173	0.625511	-1.59869	0.025181	0.323758	-3.08873	0.0562321	0.400172	-2.49892	0.00920849	0.246483	-4.05708	7.18576	20.4206	2.52605	1
cg02090418	0.526623	1.20743	1.20743	0.102926	1.68907	1.68907	0.862958	0.950508	-1.05207	0.00268513	3.38369	3.38369	6.06679	8.29388	1.2152	1
cg10855342	0.12389	1.26933	1.26933	0.00832154	1.62048	1.62048	0.158177	0.805791	-1.24102	0.0905784	0.765771	-1.30587	5.49031	1.78116	0.288372	1
cg02735381	0.943989	0.982462	-1.01785	0.964229	1.01136	1.01136	0.333543	0.777886	-1.28554	0.025734	0.513241	-1.9484	4.2334	4.25177	0.892746	1
cg20011278	0.0319457	0.235701	-4.24266	0.0257942	0.218263	-4.58162	0.201706	0.460646	-2.17087	0.271695	0.517953	-1.93068	4.14887	21.7213	4.65377	1
cg21137236	0.00547024	4.49751	4.49751	0.0478847	2.53667	2.53667	0.390004	1.43692	1.43692	0.123197	1.98821	1.98821	3.9754	10.6632	2.38427	1
cg11376227	0.00424697	3.71795	3.71795	0.0262639	2.47084	2.47084	0.222417	1.55273	1.55273	0.0444585	2.20784	2.20784	3.81944	7.1234	1.65781	1
cg10888461	0.134875	1.74968	1.74968	0.0636972	0.485051	-2.06164	0.505739	0.791081	-1.26409	0.00372909	3.89403	3.89403	3.76477	7.18219	1.69576	1
cg17445830	0.074121	4.82916	4.82916	0.113803	0.256337	-3.90111	0.158298	3.29805	3.29805	0.363126	0.477345	-2.09492	3.4085	33.7948	8.81321	1
cg02269083	0.0731735	1.73221	1.73221	0.0108577	2.40951	2.40951	0.583963	1.16421	1.16421	0.13744	1.55247	1.55247	6.83649	8.18499	1.06422	1
cg07910680	0.043948	0.554902	-1.80212	0.873962	0.960421	-1.04121	0.998465	0.999511	-1.00049	0.176	0.693501	-1.44196	5.4671	5.60352	0.91107	1
cg27614534	0.621145	1.08944	1.08944	0.298504	1.20358	1.20358	0.732814	1.06069	1.06069	0.963096	1.00799	1.00799	4.51781	2.11565	0.416258	1
cg00031779	0.0321274	1.46275	1.46275	0.00312266	1.8448	1.8448	0.142423	1.26987	1.26987	0.367294	0.869077	-1.15065	3.88056	1.41095	0.323195	1
cg25407077	0.0601862	1.58442	1.58442	0.00172714	2.63935	2.63935	0.0142533	1.92757	1.92757	0.34884	1.23291	1.23291	3.64053	2.71743	0.6635	1
cg14386193	0.0393928	0.443241	-2.25611	0.00371172	0.26226	-3.813	0.943816	0.976224	-1.02435	0.00586107	0.291885	-3.42601	5.30679	9.79689	1.64098	1
cg19092105	0.895363	0.988684	-1.01145	0.000119431	1.78941	1.78941	0.589595	1.04823	1.04823	0.000121013	0.559458	-1.78745	16.2181	1.92132	0.105304	1
cg01390082	0.313863	0.786127	-1.27206	0.00128488	2.95708	2.95708	0.752751	1.07574	1.07574	0.81137	1.05679	1.05679	5.8722	4.96374	0.751373	1
cg06532379	0.0383473	7.81584	7.81584	0.00192527	43.0129	43.0129	0.00635796	20.9729	20.9729	0.047949	6.93949	6.93949	5.47684	63.6734	10.3342	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg08678925	ALPK3	0.0193836	0.102069	0.65312	-1.63047	0.271236	0.732495	-1.3652	0.0252393	0.485382	-2.06024	0.1724994	0.674633	-1.48229	0.130189	0.6413305	1.559312	0.0230419	0.477721	-2.09327	0.00313131	0.333593	-2.99766	0.4364345	0.8058882	-1.24088	0.00199921	0.305539	-3.2729	4.75479	5.56241	1.03987	1
cg00894103	ALPK3	0.0229818	0.310474	0.642276	-1.55696	0.0183927	0.29917	-3.34258	0.0424587	0.373156	-2.67985	0.164634	1.86913	1.86913	0.00363572	0.222943	2.448546	0.1265556	0.497951	-2.00823	0.0665738	0.419848	-2.38182	0.19239	1.78977	1.78977	0.0526789	0.394847	-2.53263	4.48508	12.6456	2.50565	1
cg07095945	ALPK3	0.0446643	0.166398	0.701299	-1.42593	0.236608	1.34741	1.34741	0.0175356	0.499031	-2.00388	0.539525	0.861256	-1.16109	0.0132177	0.477814	-2.09287	0.561768	1.1515	1.1515	0.0482893	1.72054	1.72054	0.743225	0.924	-1.08225	0.6098448	1.13174	1.13174	5.53542	3.23755	0.813997	1
cg01038313	ALPK3;ALPK3	0.0162896	0.163013	1.21522	1.21522	0.809887	0.968914	-1.03205	0.832006	0.975275	-1.0282	0.470281	1.10093	1.10093	0.0139429	0.671952	-1.4882	0.074127	1.29761	1.29761	0.00119573	1.8618	1.8618	0.617405	1.29815	1.06815	0.125254	1.24262	1.24262	5.0408	1.3681	0.241249	1
cg20645065	ALPL	2.58E-08	1.73E-05	0.677819	-1.47532	1.24E-08	2.70616	2.70616	3.41E-06	1.62133	1.62133	0.00169053	1.21918	1.21918	0.000787903	0.799207	-1.25124	6.49E-09	2.94719	2.94719	0.00337822	0.838554	-1.19253	8.31E-06	0.6509414	-1.5363	0.000125461	1.36326	1.34326	185.159	5.72186	0.0274688	1
cg19682048	ALPL	0.00319174	0.0317511	0.668898	-1.49948	0.000695255	2.29954	2.29954	0.0015982	0.272046	2.07246	0.000358845	1.57447	2.5147	0.542182	1.10439	1.10439	0.00099442	2.19675	2.19675	1.86E-05	4.06695	4.06695	0.115932	1.3165	1.3165	0.0298274	1.50892	1.58381	7.62209	0.364589	1
cg06369076	ALPL	0.00020747	0.755502	1.07151	1.07151	0.000195639	0.250309	-3.99507	0.000612036	0.311294	-3.2124	0.008568272	0.476396	-2.09909	8.92E-05	0.212053	-4.7158	0.323059	0.797963	-1.25319	3.35E-05	0.168833	-5.92301	0.961248	1.0108	1.0108	0.0541223	0.616728	-1.62146	18.1893	14.0847	0.688299	1
cg07162357	ALPL	0.00267844	2.95E-05	0.086649	-25.8766	0.0065121	0.8605561	-1.16203	0.1568842	0.548201	-1.82415	0.827046	0.956796	-1.09075	0.172685	0.562062	-1.77916	0.142317	0.534634	-1.87044	0.0870304	0.166277	1.06277	0.717715	1.15503	1.15503	0.0734359	1.49619	1.49619	8.85103	22.0915	2.21878	1
cg18236421	ALPL	0.00376696	0.307367	0.630157	-1.58691	0.0350162	2.9256	2.9256	0.652892	1.21878	1.21878	0.0146505	1.99914	1.99914	0.178314	1.17048	1.17048	8.43E-05	21.9751	21.9751	0.65825	0.823211	-1.21476	0.0720062	0.415761	-2.40523	0.0170777	24.2824	2.68871	1
cg22719004	ALPL	0.022729	0.0393673	0.411177	-2.43204	0.0335948	0.396327	-2.52317	0.0270652	0.37688	-2.65336	0.0104719	0.300776	-3.32473	0.0162281	0.334139	-2.99276	0.63423	0.836344	-1.19568	0.0257609	0.372558	-2.68414	0.00874247	0.287811	-3.4745	0.0270294	0.376764	-2.65418	4.50321	9.91531	1.95718	1
cg12062270	ALPL;ALPL	7.43E-05	0.0011982	0.153148	-6.52983	0.00379222	1.629272	-1.63257	0.1453161	1.06477	1.06477	0.719772	1.1262	1.1262	0.00158971	0.488512	-2.04692	0.0034205	0.682136	-1.46598	0.0247248	1.24555	1.24555	0.00995511	0.7653113	1.30666	0.000393839	0.628997	-1.58981	23.9622	2.59375	0.204939	1
cg01037895	ALPL;ALPL	0.00113794	0.204034	-4.90114	0.0296359	0.428314	-2.33473	0.0631674	0.500546	-1.99782	0.659281	1.15828	1.15828	0.0006282	0.617994	-1.61987	0.645716	0.857879	-1.16567	0.0302456	0.430122	-2.32492	0.081129	14.0359	5.14386	1
cg22943575	ALPL;ALPL	0.0203253	0.079142	0.734639	-1.36091	0.4031171	1.15888	1.15888	0.362789	1.17267	1.17267	0.64783	0.923791	-1.08251	0.232806	0.797586	-1.25378	0.0171345	0.707954	1.06724	1.06724	0.138743	0.759806	-1.31613	7.15956	3.6877	0.418247	1
cg15212266	ALPL;ALPL	0.0310611	0.0229957	0.279538	-3.57733	0.0299133	0.303448	-3.29546	0.0193673	0.242381	-4.1257	0.0571813	0.366238	-2.73046	0.0258035	0.290531	-3.44079	0.157809	0.643104	-1.55496	0.00755022	0.200977	-4.97569	0.740233	0.8561139	-1.16803	0.0371611	0.323214	-3.09392	4.03659	13.932	3.06794	1
cg12466599	ALPL;ALPL	0.0437868	0.0950029	0.787761	-1.26942	0.9025	1.01606	0.715648	1.04215	0.432289	0.901037	-1.10983	0.615193	0.726876	-1.37575	0.105035	0.794277	-1.25901	0.0287668	1.39843	1.39843	0.0144538	0.675768	-1.4798	0.2003117	0.838609	-1.19232	5.3612	0.953768	0.23803	1
cg16335841	ALPP	0.00017349	0.0609027	1.3017	1.3017	0.946646	0.624253	1.04253	0.908.05	0.484012	-2.44851	0.00263801	1.75401	1.75401	0.0144213	0.676586	-1.47801	0.000537341	0.497711	2.0092	0.00310156	0.056196	4.00956	0.115932	1.3165	1.3165	0.0298274	1.50892	1.58381	7.62209	0.364589	1
cg09760618	ALPP	0.00013654	0.0731102	1.34801	1.34801	0.0006021	0.453591	-2.20463	0.000332898	0.421003	-2.37528	0.174885	1.24059	1.24059	0.002068657	0.536342	-1.86448	0.000227611	0.403379	-2.49763	0.005102	0.575257	-1.73835	0.000148907	0.375765	-2.66795	0.000319347	0.374126	-2.6729	20.3658	7.20024	0.314263	1
cg22007776	ALPP	0.00245955	0.00341644	0.594524	-1.68203	0.0798559	1.29452	1.29452	0.66E-05	0.29218	-3.42255	0.0317595	0.719624	-1.38862	0.00372833	0.600222	-1.66661	0.497783	1.09414	1.09414	0.15349	0.818924	-1.22111	0.305022	0.870371	-1.14894	0.0633748	0.76174	-1.31376	14.9871	3.97417	0.240523	1
cg07309038	ALPP	0.000595611	0.0683829	0.741286	-1.34901	0.237492	1.19909	1.19909	0.000515511	0.451537	-2.21466	0.438.05	0.340332	-2.93831	0.209101	0.82342	-1.2144	0.0186587	0.658141	-1.51943	0.0178572	1.52565	1.52565	0.00386809	0.5649488	-1.76995	0.0310994	0.680874	-1.46954	13.6317	4.64064	0.303048	1
cg03183182	ALPP	0.0034433	0.0164053	0.560649	-1.78365	0.264978	0.795171	-1.25759	0.0104857	0.529662	-1.888	0.0783355	0.679887	-1.47083	0.0022146	0.429144	-2.33022	0.00370253	0.461276	-2.1679	0.000681943	0.359177	-2.78414	0.00203353	0.423908	-2.359	0.0167492	0.562112	-1.77901	8.21384	5.06347	0.547961	1
cg23667432	ALPP	0.0102725	0.0706573	0.68754	-1.45438	0.0350806	0.651283	-1.5784	0.0156025	0.363168	0.66328	1.507766	1.152785	0.75244	-1.32901	0.802668	-1.24557	0.0158884	0.577759	-1.73126	0.0154959	0.504642	-1.98625	0.00396153	0.540962	-1.84763	0.0526288	0.617409	1.62009	0.617409	0.482572	1
cg19713851	ALPP	0.0111244	0.00443247	3.81789	0.560675	0.812556	-1.23068	0.97549	1.0109	0.1009	0.0155335	2.1857	2.1857	0.0045841	0.445602	-2.24416	0.048389	0.451244	-2.2161	0.00573265	0.278655	-3.58867	0.325174	0.698763	-1.4311	0.573746	0.817414	-1.22337	5.71178	11.2603	1.75236	1
cg14659346	ALPP	0.0124839	0.0109623	0.643512	-1.44502	0.0744384	0.813792	-1.22905	0.0134173	0.479509	1.01689	0.0421421	2.98186	2.98186	0.0011234	0.312113	3.20413	0.0435402	0.405356	-2.46697	0.0658312	0.447956	-2.23236	0.384394	0.706816	-1.41479	0.0719659	0.457736	-2.18466	5.19825	12.4618	2.13094	1
cg10714111	ALPP	0.023138	0.0775341	0.575715	-1.73697	0.132604	0.63339	-1.57881	0.0049279	0.350598	-2.85227	0.109995	0.612483	-1.6327	0.0219424	0.461369	-2.16746	0.0293833	0.485767	-2.0586	0.00468863	0.369462	-2.70664	0.0129786	0.419953	-2.38122	0.0863114	0.586494	-1.70447	0.476562	5.61332	1.11485	1
cg13605579	ALPP	0.0185286	0.177952	0.740681	1.12846	0.42801	0.843977	-1.18501	0.000796489	0.345149	-2.8973	0.2261	1.765724	1.765724	0.0095145	0.611545	-1.63545	0.714493	1.08521	1.08521	0.53008	0.921	-1.08566	0.0422183	0.6855	1.15736	1.03736	0.2562389	0.7707	-1.28754	0.612054	2.808164	0.202873	1
cg22403782	ALPP	0.0491691	0.103974	1.83597	1.83597	0.0244729	2.49935	2.49935	0.852253	0.938267	-1.06579	0.0870633	0.524256	-1.90747	0.378298	0.734225	-1.36198	0.237381	0.655045	1.52661	0.174849	1.63754	1.63754	0.0155544	2.75672	2.75672	0.645334	1.17163	1.17163	3.40976	6.30793	1.64441	1
cg12437012	ALPP;ALPL2	3.03E-05	0.0217204	0.689953	-1.44938	0.0658539	0.741884	-1.32997	0.4E-05	0.29218	-3.42255	0.0317595	0.719624	-1.38862	0.00372833	0.600222	-1.66661	0.0142286	0.665409	-1.50241	0.0360706	0.442407	-2.26036	0.0060006	0.61649	-1.62209	0.03779	8.73022	0.255455	1
cg09407081	ALPP;ALPL2	0.000464293	0.00096358	3.096434	-2.94426	0.164055	-1.74545	-1.34202	0.0023114	0.538704	-2.21838	0.000117876	2.26305	-3.80156	0.989988	0.997518	-1.00249	0.297944	1.807544	-1.23832	0.00164888	0.253855	3.940256	0.0001	0.4259	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg07546011	ALPP;ALPL2	0.00463843	0.31113	0.746946	-1.33879	0.556373	0.847346	-1.18016	0.00858133	0.393209	-2.54318	0.732217	0.9088	-1.10035	0.520147	1.19902	1.19902	0.000102243	0.147296	-6.78906	0.011828	0.416825	-2.39909	0.187017	0.677468	-1.47609	0.385211	0.780466	-1.28129	7.50832	9.21812	1.09131	1
cg07777793	ALPP;ALPL2	0.00491887	0.0151156	0.647914	-1.54329	0.0190658	0.329227	-3.03799	0.0154548	0.368023	-2.71648	0.0165099	0.369878	-2.70504	0.0133196	0.366611	-2.72863	0.0104218	0.2491	-4.01498	0.0201739	0.268139	-3.72955	0.0206495	0.335572	-2.98041	0.73752	0.16749	-5.97035	0.0061492	0.335572	0.741784	0.20183	1
cg00314943	ALPP;ALPL2	0.0200271	0.734933	0.954927	-1.0472	0.631156	0.936458	-1.06785	0.00152005	0.538118	-1.85833	0.259384	1.17314	1.17314	0.459275	1.10768	1.10768	0.33444	1.14465	1.14465	0.00981509	1.55742	1.55742	0.342522	0.875706	-1.14194	0.863904	1.02356	1.02356	4.7024	1.3718	0.259309	1
cg16511475	ALPP;ALPL2	0.0204602	0.0149133	0.645828	-1.54845	0.0194379	0.338788	-2.95107	0.0153992	0.368.03	-2.71648	0.0165099	0.369878	-2.70504	0.0133196	0.366611	-2.72863	0.0156564	0.494592	-2.02153	0.0348504	0.312123	-3.20407	0.0206573	0.387032	-2.58252	0.0134143	-3.21107	0.0096573	0.492733	0.25.464	0.0098655	0.329411	1
cg05682333	ALPP;ALPL2	0.0249061	0.0241113	0.34017	-2.9397	0.86599	-1.07006	1.07006	0.0318105	0.364656	-2.74231	0.740892	1.1423	1.1423	0.737585	1.14433	1.14433	0.651143	0.833187	-1.20021	0.000880439	0.13547	-7.38173	0.579598	0.7990442	-1.2515	0.251713	0.618737	1.6162	4.36294	11.1067	2.26284	1
cg24331934	ALPP;ALPL2	0.0249117	0.0215842	0.643512	-1.63047	0.271236	0.732495	-1.3652	0.0252393	0.485382	-2.06024	0.1724994	0.674633	-1.48229	0.130189	0.6413305	1.559312	0.0230419	0.477721	-2.09327	0.00313131	0.333593	-2.99766	0.4364345	0.8058882	-1.24088	0.00199921	0.305539	-3.2729	4.75479	5.56241	1.03987	1
cg16780265	ALPP;ALPL2	0.0243525	0.0216153	0.643512	-1.63047	0.271236	0.732495	-1.3652	0.0252393	0.485382	-2.06024	0.1724994	0.674633	-1.48229	0.130189	0.6413305	1.559312	0.0230419	0.477721	-2.09327	0.00313131	0.333593	-2.99766	0.4364345	0.8058882	-1.24088	0.00199921	0.305539	-3.2729	4.75479	5.56241	1.03987	1
cg18374517	ALPP;ALPL2	0.00059937	0.24938	0.829775	-1.20515	0.400168	0.875037	-1.14281	1.72E-05	0.25509	-3.92018	0.813278	0.963989	-1.03736	0.521394	1.10599	1.10599	0.00435402	0.405356	-2.46697	0.0658312	0.447956	-2.23236	0.384394	0.706816	-1.41479	0.0719659	0.457736	-2.18466	5.19825	12.4618	2.13094	1
cg20765142	ALPP;ALPL2	0.00688215	0.0023738	1.6.3E+05	0.5653354	0.17681	-1.17681	1.07681	0.00254533	0.655615	-2.18524	0.0882789	0.997193	-1.00281	0.970323	1.03054	1.03054	0.0218764	0.291962	-3.42567	0.0170224	0.18473	-5.41299	0.0852511	0.1809	0.0242111	0.67307	0.148624	-6.73122	0.0098824	0.180824	0.0242111	0.0232295	1
cg21802758	ALS2;ALS2	0.00209523	0.00145635	0.536424	-1.8642	0.3840774	0.722571	-1.38395	0.0966482	0.781105	-1.28204	0.0210086	0.556539	-1.79682	0.0044523	0.598051	1.6721	0.000417891	0.468547	-2.1338	0.211278	1.19224	1.19224	0.74074	1.046	1.046	0.928263	1.01227	1.01227	5.91198	2.76405	0.258299	1
cg22034245	ALS2;ALS2	0.0206866	0.622428	0.923321	-1.08305	0.118569	1.31304	1.31304	0.756961	0.951327	-1.05116	0.273066	1.20123	1.20123	0.121165	1.31013	1.31013	0.00230503	0.504313	-1.9829	0.010319	0.594848	-1.6811	0.709838	1.06192	1.06192	0.753549	0.950634	-1.05193	4.65082	1.90307	0.363725	1
cg26568231	ALS2;ALS2	0.0262567	0.0042609	2.34934	0.5653354	0.17681	-1.17681	1.07681	0.00254533	0.655615	-2.18524	0.0882789	0.997193	-1.00281	0.970323	1.03054	1.03054	0.0218764	0.291962	-3.42567	0.0170224	0.18473	-5.41299	0.0852511	0.1809	0.0242111	0.67307	0.148624	-6.73122	0.0098824	0.180824	0.0242111	0.0232295	1
cg10615662	ALS2;ALS2	0.0400186	0.0828165	1.25981	1.25981	0.690148	1.04936	1.04936	0.952009	0.992785	-1.00726	0.110081	0.811064	-1.23295	0.538886	0.975819	1.02478	0.0322537	0.739636	-1.35191	0.0050192	1.54205	1.54205	0.240942	0.86277	-1.15906	0.568852	0.933104	-1.07169	2.95021	0.843219	0.203537	1
cg05839570	ALS2C	0.0252302	0.0572204	0.7.4E-05	0.4258101	0.843977	-1.18501	0.000796489	0.345149	-2.8973	0.2261	1.765724	1.765724	0.0095145	0.611545	-1.63545	0.714493	0.0726077	1.08521	1.08521	0.53008	0.921	-1.08566	0.0422183	0.6855	1.15736	1.03736	0.2562389	0.7707	-1.28754	0.612054	2.808164	0.202873	1
cg00483459	ALS2CL	0.0088208	0.0584277	0.735905	-1.35887	0.0724323	0.750157	-1.33305	0.0167288	0.657807	-1.5202	0.701.95	0.94635	-1.05669	0.0438438	0.717324	1.39407	0.0067038	1.65581	1.65581	0.00950469	1.60184	1.60184	0.306109	0.859024	-1.16411	0.257496	0.844117	-1.18467	6.15157	2.0037	0.289531	1
cg03094985	ALS2CL	0.0013268	0.0267967	0.671749	-1.48904	0.164055	0.910088	-1.09879	0.998969	0.997952	-1.00024	0.401056	0.854402	-1.16992	0.0125004	0.746243	1.3422	0.646151	1.08878	1.08878	0.0015396	1.52172	1.52172	0.0191227	1.14564	1.81468	0.872571	0.970896	-1.02988	5.74905	2.80242	0.474643	1
cg15726123	ALS2CL;ALS2CL	0.0019965	0.0198256	0.671733	2.00919	0.0382205	0.511125	1.64447	-1.25404	0.167661	-1.96443	0.0800283	0.585082	-1.70837	0.0353287	0.551817	1.8122	0.144312	1.21404	1.21404	0.260408	1.35058	1.35058	0.137972	1.02644	1.02644	0.0465	0.507624	-1.67329	6.6993	9.45158	0.866187	1
cg18790915	ALS2CL;ALS2CL	0.0045090	0.385614	0.830643	-1.20389	0.0560204	0.636645	-1.57073	0.000207703	0.273794	-3.65238	0.00203536	0.40358	-2.47782	0.0320519	0.59218	-1.68868	0.266367	1.27328	1.27328	0.944276	1.01469	1.01469	0.0899318	0.677099	-1.47689	0.473489	0.85891	-1.16427	7.5791	5.21998	0.612692	1
cg11441891	ALS2CL;ALS2CL	0.0025763	0.0215775	0.677207	-1.47656	0.169366	0.914586	-1.09352	0.0013537	0.329008	-3.03845	0.00.1.3394	0.409264	-2.44303	0.0178888	0.613945	1.63098	0.0093163	1.39042	1.39042	0.0064144	1.34955	1.34955	0.0441481	1.22579	0.684367	0.960792	-1.04081	4.61375	0.938959	0.134835	1
cg12442624	ALS2CL;ALS2CL	0.0270097	0.519266	0.84138	-1.18852	0.0842233	0.606092	-1.64991	0.00296677	0.340272	-2.93882	0.010792	0.428872	-2.3317	0.0395917	0.533033	1.87606	0.474943	1.21176	1.21176	0.277162	1.34821	1.34821	0.91382	1.02903	1.02903	0.730707	0.912711	-1.09564	4.24113	0.6941	0.983826	1
cg14889682	ALS2CL;ALS2CL;ALS2CL	0.0458549	0.590342	0.870876	-1.14827	0.552747	0.858322	-1.16506	0.00270175	0.348421	-2.87009	0.287755	0.755195	-1.32416	0.577125	0.866496	-1.15407	0.28734	1.32451	1.32451	0.0365961	1.85504	1.85504	0.790667	0.945561	-1.07002	0.257628	0.740432	-1.35056	5.00774	3.58809	0.911067	1
cg04983151	ALS2CL;ALS2CL;ALS2CL;ALS2CR;ALS2CR	1.12E-06	0.51103	1.18747	1.18747	0.199999	1.41758	1.41758	5.29E-06	0.0699067	-14.3048	0.337797	1.29007	1.29007	2.45E-06	0.0525829	-19.0176	6.11E-07	0.0292981	-34.1319	0.076956	1.66019	1.66019	3.46E-07	0.0223706	-44.7015	0.306569	1.31369	71.1293	74.9464	0.935275	1
cg03020006	ALS2CL;ALS2CL;ALS2CL;ALS2CR;ALS2CR	2.16E-06	0.197135	1.48102	1.48102	0.0186678	2.27318	2.27318	2.88E-05	0.0939062	-10.6489	0.171795	1.52042	1.52042	1.93E-06	0.0335192	-29.8336	6.76E-07	0.020369	-49.0943	0.00652965	0.36134	-2.76748	1.53E-06	0.0301969	-33.116	0.689261	1.12274	1.12274	60.218	79.1239	1.16796	1
cg12260435	ALS2CL;ALS2CL;ALS2CL;ALS2CR;ALS2CR	7.98E-06	0.116757	1.19474	1.19474	0.000464402	1.77694	1.77694	0.0003424	0.54773	-1.82572	0.383689	1.08758	1.08758	0.00775	0.577375	-1.73256	8.24E-05	0.476811	-2.09727	9.21E-05	2.07301	2.07301	7.11E-05	0.469449	-2.13016	0.573789	1.06113	1.06113	43.0119	7.42565	0.153459	1
cg11052143	ALS2CL;ALS2CL;ALS2CL;ALS2CR;ALS2CR	0.00255684	0.0342249	3.36972	3.36972	0.00223156	8.21262	8.21262	0.305791	1.68436	1.68436	0.305761	0.593676	-1.68442	0.0134602	0.222138	-4.50171	0.00244396	0.125768	-7.95112	0.139337	2.18643	2.18643	0.0245456	0.267943	-3.73214	0.0545908	2.92172	2.92172	8.97245	34.3571	3.40371	1
cg22981993	ALS2CL;ALS2CL;ALS2CL;ALS2CR;ALS2CR	0.003467	0.630751	0.847273	-1.18026	0.552629	1.22823	1.22823	0.623884	1.18427	1.18427	0.183281	0.616821	-1.62122	0.00238837	0.234896	-4.25721	0.00159114	0.212087	-4.71504	0.00838433	3.16606	3.16606	0.0077212	0.310014	-3.22566	0.200529	1.58834	1.58834	8.19701	15.2027	1.64859	1
cg23821945	ALS2CL;ALS2CL;ALS2CL;ALS2CR;ALS2CR	0.0169094	0.583832	0.853651	-1.17144	0.6620392	0.548287	-1.82386	0.69071	0.891905	-1.1212	0.416996	0.788789	-1.26777	0.00056376	0.216731	-4.61401	0.610803	1.15813	1.15813	0.0444121	0.516675	-1.93495	0.197819	0.677506	-1.476	0.0126352	0.411971	-2.42736	4.97837	6.45063	1.15176	1
cg15780361	ALS2CL;ALS2CL;ALS2CL;ALS2CR;ALS2CR;ALS2CR;ALS2CR;ALS2CR;ALS2CR;ALS2CR;ALS2CR;ALS2CR	0.0376974	0.895492	0.917295	-1.09016	0.0202388	6.29099	6.29099	0.506284	0.642133	-1.55731	0.661104	0.748436	-1.33612	0.0162543	0.145078	-6.89283	0.0725459	0.268184	-3.72878	0.18939	2.49221	2.49221	0.0392096	0.208606	-4.79372	0.45216	1.65388	1.65388	3.76412	25.7221	6.07421	1
cg04411541	CR11	0.00048731	3.21523	3.21523	0.00162411	2.63474	2.63474	0.916973	0.977966	-1.02253	0.0844467	0.665528	-1.50257	0.0001104	0.242239	-4.12833	0.000124986	0.209745	-4.1711	7.09E-05	0.470291	0.400.05	0.000156042	0.293827	-3.40336	0.0659576	1.55422	1.55422	30.4992	22.052	0.642698	1
cg02215596	ALS2;ALS2;ALS2CR12	0.00013071	0.324834	0.852942	-1.17241	0.445518	1.13064	1.13064	0.0939314	0.747266	-1.33821	0.564156	1.0955	1.0955	1.35E-06	0.146478	-6.91191	0.208861	0.812814	-1.23029	0.56188	0.91233	-1.09609	0.468062	0.891128	-1.12237	0.00160379	0.402611	2.03	20.5912	7.9819	0.344567	1
cg14272706	ALS2;ALS2;ALS2CR12	0.00078609	0.452863	0.903524	-1.10678	0.9670661	0.994537	-1.00549	0.00441893	0.640081	-1.6554	0.00265024	0.221381	2.21381	0.00569221	0.61788	1.61788	0.547172	1.08418	1.08418	0.0172705	1.46929	1.46929	0.0017929	1.80294	1.80294	0.0315806	0.715753	-1.39713	12.2053	3.40227	0.24778	1
cg23731408	ALS2;ALS2;ALS2CR12	0.0187111	0.701363	1.08243	1.08243	0.132498	0.747723	-1.33739	0.7171483	0.880503	-1.25205	0.0037474	0.568345	-1.75922	0.0001.3744	0.427174	-3.40203	0.831871	0.957253	-1.04466	0.0242495	1.29.5	1.29.5	0.0.1.3744	0.772.95	1.14628	0.540519	1.19.5	1.19.5	4.82.1	1.18378	0.334457	1
cg23731408	ALS2;ALS2;ALS2CR12;ALS2CR;ALS2CR	12	0.00618155	0.0059723	5.44709	0.6028832	0.369468	-2.70955	0.0163788	0.346005	-4.06496	0.259656	0.567805	-1.76617	0.000797573	0.099039	-10.0971	0.0030307	0.146088	-6.8116	0.00600279	0.182275	-5.48707	0.0237509	0.584375	-1.71123	0.0115014	0.225264	-4.43945	6.87554	24.2004	3.12986	1
cg20731213	ALS2CR4;ALS2CR4	1.03E-05	0.00637311	0.183797	4.59E-06	0.384679	2.59957	1.54E-05	0.444854

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15817236	ALX4	0.0354934	0.238686	0.816942	-1.22408	0.263063	0.825994	-1.21066	0.336448	0.850119	-1.17631	0.293958	0.836649	-1.19524	0.451856	1.13381	1.13381	0.61989	0.921345	-1.08537	0.0473773	1.45016	1.45016	0.00259387	1.98144	1.98144	0.244634	1.22069	1.22069	3.84757	1.63575	0.377901	1
cg24362098	ALX4	0.0417185	0.0334849	1.8164	1.8164	0.340474	0.789768	-1.2662	0.0340502	1.81185	1.81185	0.500376	0.84845	-1.17862	0.078014	0.624707	-1.60075	0.500723	0.848567	-1.17846	0.253381	0.750818	-1.33188	0.0257195	1.88978	1.88978	0.205288	1.3786	1.3786	3.62635	3.31521	0.812622	1
cg12899423	ALX4	0.0420968	0.0902794	0.385079	-2.59687	0.21314	0.511581	-1.95473	0.791338	0.87323	-1.14517	0.143678	0.447899	-2.23265	0.0176626	0.228682	-4.37288	0.0522497	0.323474	-3.09144	0.00718693	0.169666	-5.89395	0.0118899	0.200879	-4.97813	0.0661253	0.348612	-2.86852	3.61424	14.9598	3.67922	1
cg10560393	ALX4	0.0481336	0.267825	0.795666	-1.25681	0.178999	0.753746	-1.32671	0.0555813	0.650777	-1.53662	0.815446	1.04739	1.04739	0.296566	0.807091	-1.23902	0.0174023	0.563612	-1.77427	0.0106144	0.529239	-1.88951	0.792638	1.05356	1.05356	0.100271	1.42843	1.42843	3.43736	2.13484	0.552062	1
cg11797994	ALX4	0.0490189	0.526032	1.06856	1.06856	0.278519	0.89021	-1.12333	0.41492	0.917583	-1.08982	0.591414	0.945607	-1.05752	0.0020019	0.637517	-1.56858	0.0216631	0.752352	-1.32916	0.29146	0.893168	-1.11961	0.495535	1.07404	1.07404	0.337667	0.903013	-1.1074	3.41372	0.575948	0.14997	1
cg22931182	ALX4;ALX4	0.0055144	0.516451	1.18484	1.18484	0.334922	1.29223	1.29223	0.0244435	1.99609	1.99609	0.472508	1.2073	1.2073	0.10061	1.5899	1.5899	0.757984	1.08294	1.08294	0.000295738	0.21884	-4.56955	0.0334107	1.89804	1.89804	0.150958	1.48706	1.48706	7.12183	7.49702	0.935716	1
cg02504416	ALX4;ALX4	0.0406034	0.733657	0.949793	-1.05286	0.518344	1.1038	1.1038	0.463536	1.11911	1.11911	0.6027	1.08242	1.08242	0.767379	0.956248	-1.04575	0.252293	0.834972	-1.19764	0.00264966	0.534095	-1.87232	0.103894	1.30759	1.30759	0.0595431	1.37813	1.37813	3.66286	1.31956	0.320226	1
cg11909526	AMAC1;AMAC1	0.00036718	0.323962	0.771226	-1.29664	0.137438	0.665006	-1.50375	0.0241388	0.503741	-1.98515	0.00203973	0.329966	-3.03062	0.0209595	0.492451	-2.03066	0.00512212	0.38943	-2.56785	1.73E-05	0.105934	-9.4398	8.48E-05	0.165051	-6.05874	0.0490405	0.563813	-1.77364	15.5628	16.0288	0.9155	1
cg11031669	AMAC1L2	0.00121097	0.518692	1.11166	1.11166	0.889764	0.977812	-1.02269	0.000295618	0.385345	-2.59508	0.0301102	0.661884	-1.51084	0.0105955	0.594466	-1.68218	0.0750343	0.725589	-1.37819	0.000205452	0.365581	-2.73537	0.00087776	0.446139	-2.24145	0.106933	0.752196	-1.32944	11.1428	4.61991	0.368542	1
cg10896230	AMAC1L2	0.0443778	0.145643	1.21054	1.21054	0.0681737	1.28373	1.28373	0.823532	0.973055	-1.02769	0.0169772	1.42765	1.42765	0.427302	0.905635	-1.1042	0.337391	1.12857	1.12857	0.00505414	1.57362	1.57362	0.94251	0.991219	-1.00886	0.324582	0.883019	-1.13248	3.54394	0.839443	0.210549	1
cg21484512	AMAC1L2;AMAC1L2	0.00821376	0.280586	1.35154	1.35154	0.0172577	0.458803	-2.17958	0.00076363	0.254216	-3.93367	0.106218	0.6226	-1.60617	0.255272	1.37576	1.37576	0.0457685	0.540606	-1.84978	0.027589	0.496725	-2.01319	0.0406341	0.529981	-1.88686	0.0284527	0.499303	-2.00279	6.29168	7.18858	1.0156	1
cg18689929	AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.00785359	0.388664	0.856144	-1.16803	0.00459677	0.515222	-1.94091	0.00310692	0.49108	-2.03633	0.26415	1.22706	1.22706	0.0123685	0.578409	-1.72888	0.283095	1.21661	1.21661	0.0140329	0.58673	-1.70436	0.294197	1.21079	1.21079	0.0511269	0.676721	-1.47771	6.38111	3.12347	0.435099	1
cg23960088	AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.00975157	0.389601	0.648438	-1.54217	0.00272114	0.130827	-7.64368	0.116467	0.43253	-2.31198	0.421473	1.49704	1.49704	0.0712987	0.371665	-2.69059	0.0962541	0.407631	-2.4532	0.000652558	0.0767191	-13.0346	0.0316248	0.289928	-3.44913	0.90874	0.945216	-1.05796	5.95832	22.7816	3.39867	1
cg08362313	AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.0148671	0.0844517	0.686005	-1.45772	0.551761	1.12624	1.12624	0.000439221	2.99378	2.99378	0.082433	0.683955	-1.46208	0.97609	0.9941	-1.00594	0.625795	1.10191	1.10191	0.33741	1.21566	1.21566	0.879655	1.03037	1.03037	0.551431	0.887819	-1.12636	5.19597	3.20861	0.548906	1
cg03909417	AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.0209266	0.144282	0.817944	-1.22258	0.121394	1.24008	1.24008	0.0179315	1.44566	1.44566	0.318926	0.876359	-1.14109	0.00740359	0.642699	-1.55594	0.0652434	0.76706	-1.30368	0.227278	0.850092	-1.17634	0.106814	0.798041	-1.25307	0.261279	1.16196	1.16196	4.63256	1.20454	0.231124	1
cg12346515	AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.0223328	0.179683	0.858208	-1.16522	0.00478324	1.49455	1.49455	0.0248238	1.33193	1.33193	0.207793	0.867174	-1.15317	0.172381	0.855693	-1.16864	0.163329	0.852451	-1.17309	0.0457928	0.782175	-1.27849	0.965977	0.995434	-1.00459	0.812957	1.02576	1.02576	4.53052	0.82611	0.162083	1
cg04596544	AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.0243705	0.027723	0.263216	-3.79917	0.981241	1.01213	1.01213	0.42216	1.52286	1.52286	0.36684	0.62155	-1.60888	0.00168517	0.0999993	-10.0001	0.42383	0.657696	-1.52046	0.2777	0.560427	-1.78435	0.796086	0.875606	-1.14207	0.00695607	0.166771	-5.99625	4.396	18.3197	3.70431	1
cg01091448	AMACR;AMACR;AMACR;AMACR;AMACR;AMACR;AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.0323634	0.619387	0.882837	-1.13271	0.78658	0.934692	-1.06987	0.0957384	0.634215	-1.57675	0.678992	0.901618	-1.10912	0.996052	0.99877	-1.00123	0.000687587	0.275286	-3.63259	0.215186	1.38358	1.38358	0.623035	1.13122	1.13122	0.821446	0.945298	-1.05787	3.97776	3.90166	0.871884	1
cg16360777	AMBN	5.47E-05	1.52E-05	0.165987	-6.02456	5.42E-05	4.51443	4.51443	0.597659	0.898793	-1.1126	0.016639	0.556656	-1.79644	0.000235882	0.294951	-3.39039	0.0234195	0.581292	-1.72031	0.0307299	1.66267	1.66267	0.0414179	1.60192	1.60192	0.373488	0.832745	-1.20085	25.9968	16.5255	0.565046	1
cg13523386	AMBN	0.0458229	0.702785	0.834645	-1.19811	0.0429026	2.99995	2.99995	0.372852	0.649642	-1.53931	0.263066	1.73345	1.73345	0.353658	0.63767	-1.56821	0.819502	1.11378	1.11378	0.700684	1.19974	1.19974	0.00470389	5.87698	5.87698	0.0221082	3.64659	3.64659	3.50166	12.3278	3.12939	1
cg13783957	AMBP	0.000661457	0.0396347	0.401719	-2.4893	0.0023859	0.197333	-5.06757	0.00023808	0.0970278	-10.3063	0.0544963	0.433353	-2.30759	0.043872	0.411553	-2.42982	0.266951	0.64191	-1.55785	0.000253908	0.0991927	-10.0814	0.000107766	0.0730174	-13.6954	0.00620252	0.254656	-3.92686	13.2189	30.7585	2.06832	1
cg16821385	AMBRA1	0.000427816	0.295792	0.805057	-1.24215	0.0069201	0.497037	-2.01192	0.0715379	0.668653	-1.49554	0.535656	1.13367	1.13367	6.29E-06	0.13292	-7.52332	0.545083	1.13032	1.13032	0.488964	1.15096	1.15096	0.309184	1.2343	1.2343	0.0291046	0.597873	-1.6726	14.9208	9.45373	0.563195	1
cg24886295	AMBRA1	0.0007087	0.00482337	0.63756	-1.56848	0.000249998	0.483193	-2.06957	0.284357	0.874701	-1.14325	0.513049	0.923253	-1.08313	0.00605245	1.53965	1.53965	0.101115	0.805643	-1.24124	0.00177109	1.70899	1.70899	0.0113124	1.46495	1.46495	0.433657	1.10095	1.10095	12.966	2.97559	0.203993	1
cg24079972	AMBRA1	0.00212527	0.263004	0.790312	-1.26532	0.011811	0.53046	-1.88516	0.00582281	0.482764	-2.0714	0.351705	0.824257	-1.21321	9.18E-05	0.244437	-4.09103	0.520309	1.14044	1.14044	0.284908	0.799318	-1.25107	0.00344708	0.448886	-2.22774	0.00724564	0.497249	-2.01106	9.47252	6.10093	0.572504	1
cg27245817	AMBRA1	0.00806528	0.558377	1.11326	1.11326	0.00317612	0.481692	-2.07602	0.590739	0.906278	-1.10341	0.374198	1.1798	1.1798	0.0030065	2.09068	2.09068	0.397637	1.16999	1.16999	0.0123092	1.75957	1.75957	0.202543	1.27619	1.27619	0.122002	0.73798	-1.35505	6.32794	3.29318	0.462595	1
cg16371518	AMBRA1	0.00886408	0.147134	1.38129	1.38129	0.0117135	0.520019	-1.92301	0.458665	0.854985	-1.16961	0.534141	0.877455	-1.13966	0.940454	1.01563	1.01563	0.0037513	0.443787	-2.25333	0.000722272	0.343701	-2.90951	0.874581	0.967735	-1.03334	0.233973	0.771775	-1.29572	6.14195	4.19346	0.606895	1
cg17089091	AMBRA1	0.0119393	0.79895	0.966941	-1.03419	0.427686	1.11256	1.11256	0.00428759	1.65395	1.65395	0.291068	0.865623	-1.15524	0.160373	0.820751	-1.2184	0.876719	1.02066	1.02066	0.00153143	0.54845	-1.82332	0.0741068	0.769394	-1.29972	0.480198	0.909804	-1.09914	5.58267	1.53392	0.244235	1
cg19983221	AMBRA1	0.0161177	0.0547133	0.431576	-2.31709	0.0135625	0.307898	-3.24783	0.246571	0.62672	-1.59561	0.899365	1.05	1.05	0.0184684	0.332201	-3.01023	0.728931	1.14357	1.14357	0.506601	1.29673	1.29673	0.00612061	3.97318	3.97318	0.187662	1.71332	1.71332	5.05864	11.9136	2.09343	1
cg21101750	AMBRA1	0.0279396	0.695735	1.05652	1.05652	0.245713	0.843793	-1.18513	0.412661	0.889431	-1.12431	0.149921	1.24103	1.24103	0.0016367	1.87951	1.87951	0.643848	1.0673	1.0673	0.0143546	1.5254	1.5254	0.296446	1.16352	1.16352	0.598708	0.928401	-1.07712	4.19097	1.29904	0.275521	1
cg11675271	AMBRA1	0.0407499	0.169782	0.79465	-1.25842	0.161801	0.790721	-1.26467	0.280514	0.838357	-1.19281	0.836806	0.968102	-1.03295	0.00132622	0.48006	-2.08307	0.438221	0.883131	-1.13233	0.615098	1.08295	1.08295	0.121465	1.30199	1.30199	0.775017	0.955958	-1.04607	3.65799	1.43123	0.347787	1
cg20709370	AMBRA1	0.0426826	0.649269	0.814385	-1.22792	0.688311	0.834572	-1.19822	0.738232	1.16231	1.16231	0.836795	0.91165	-1.09691	0.0354804	0.333575	-2.99783	0.345201	0.64663	-1.54648	0.00506135	0.189746	-5.27021	0.0223824	3.41137	3.41137	0.445763	0.705707	-1.41702	3.59574	11.4525	2.83113	1
cg09096476	AMD1;AMD1	0.00120772	0.00359319	0.674716	-1.48211	5.94E-05	0.476493	-2.09867	0.00447082	0.685001	-1.45985	0.0301922	0.775423	-1.28962	0.0833255	1.21082	1.21082	0.659075	0.956661	-1.0453	0.024176	0.764733	-1.30765	0.0104405	0.724894	-1.37951	0.626614	0.952253	-1.05014	11.1514	1.75874	0.140191	1
cg15211596	AMD1;AMD1	0.00422837	0.0494444	0.694056	-1.44081	0.0324389	1.50363	1.50363	0.863816	0.972424	-1.02836	0.0013579	2.13317	2.13317	0.0285417	0.656457	-1.52333	0.00382319	1.88742	1.88742	0.325302	0.847516	-1.17992	0.64376	0.92695	-1.07881	0.0449392	1.4548	1.4548	7.72197	3.24502	0.373539	1
cg27016906	AMD1;AMD1	0.0107526	0.00078747	0.393464	-2.54153	0.193614	0.776594	-1.28767	0.935324	1.01503	1.01503	0.499115	0.881513	-1.13441	0.0579062	0.674305	-1.48301	0.0143269	0.574049	-1.74201	0.00399702	0.491097	-2.03626	0.519894	1.12739	1.12739	0.975993	0.994484	-1.00555	5.77465	3.09007	0.475653	1
cg12760508	AMD1;AMD1	0.0153708	0.36095	0.589472	-1.69643	0.00661916	7.27012	7.27012	0.0240221	4.54923	4.54923	0.119147	2.59038	2.59038	0.104132	2.71808	2.71808	0.102438	2.73399	2.73399	0.0188141	4.96139	4.96139	0.00207601	11.4692	11.4692	0.949598	1.03622	1.03622	5.13898	25.7779	4.45879	1
cg07236190	AMDHD1	0.00218606	0.000130539	0.373263	-2.67907	0.652152	0.934896	-1.06964	0.0102805	0.618905	-1.61576	0.0830886	0.752266	-1.32932	0.000959405	0.48205	-2.07447	0.239561	0.833011	-1.20046	0.63678	0.931866	-1.07312	0.0396682	0.702637	-1.42321	0.00264537	0.5395	-1.85357	9.39474	3.27488	0.309854	1
cg05982274	AMDHD1	0.0162378	0.0180086	0.274654	-3.64095	0.171427	0.519574	-1.92465	0.352212	0.650191	-1.53801	0.173711	0.521612	-1.91713	0.0261403	0.305246	-3.27605	0.0123646	0.246491	-4.05695	0.00081433	0.103326	-9.67812	0.556762	0.765473	-1.30638	0.0345712	0.330169	-3.02875	5.04616	16.16	2.8466	1
cg19863595	AMDHD1	0.0342115	0.0470015	4.4043	4.4043	0.00537599	10.9157	10.9157	0.0807938	3.53504	3.53504	0.0955667	3.30024	3.30024	0.211066	2.36148	2.36148	0.360753	1.84541	1.84541	0.00544671	10.8527	10.8527	0.0286199	5.38665	5.38665	0.0741725	3.66039	3.66039	3.89911	26.2616	5.98692	1
cg13489694	AMDHD1;CCDC38	0.00850493	0.0178073	0.460268	-2.17265	0.00320559	0.338382	-2.95524	0.672934	0.89194	-1.12115	0.418343	0.800322	-1.2495	0.15872	0.666471	-1.50044	0.769067	0.923766	-1.08252	0.00831396	2.48083	2.48083	0.0276034	2.01695	2.01695	0.095354	0.610472	-1.63808	6.22288	7.14975	1.02128	1
cg20965505	AMDHD1;CCDC38	0.0155753	0.0399372	0.778674	-1.28423	0.191275	1.15692	1.15692	0.00500778	1.47878	1.47878	0.953958	0.993936	-1.0061	0.164057	0.855192	-1.16933	0.283075	0.889142	-1.12468	0.11133	0.833003	-1.20048	0.0232438	1.33079	1.33079	0.0645501	1.24451	1.24451	5.11652	0.899339	0.156242	1
cg25229172	AMDHD1;CCDC38	0.0280902	0.0118917	0.338299	-2.95597	0.0218622	0.386837	-2.58507	0.22075	0.6412	-1.55957	0.859825	0.940803	-1.06292	0.0276688	0.407093	-2.45644	0.171538	0.605011	-1.65286	0.00522727	0.280303	-3.56757	0.0121526	0.339942	-2.94168	0.256905	0.664655	-1.50454	4.18304	7.89527	1.67773	1
cg18075040	AMDHD1;CCDC38;AMDHD1	0.00246943	0.19638	0.768733	-1.30084	0.0207828	1.70889	1.70889	0.457084	1.15698	1.15698	0.838398	1.0401	1.0401	0.00151357	0.414904	-2.4102	0.0669229	0.673384	-1.48504	0.000572527	0.358189	-2.79183	0.663102	1.08806	1.08806	0.0234731	1.68385	1.68385	9.0648	5.32189	0.521862	1
cg14939446	AMDHD2;AMDHD2	0.000249076	0.054643	1.55261	1.55261	0.00025948	3.36258	3.36258	2.58E-05	5.38205	5.38205	0.000967169	2.69489	2.69489	0.00183855	2.44213	2.44213	0.985717	1.00362	1.00362	0.0530725	0.641729	-1.55829	0.00360266	2.21522	2.21522	0.012256	1.87698	1.87698	17.3074	11.164	0.573371	1
cg00866531	AMDHD2;AMDHD2	0.00261769	0.00167344	0.477375	-2.09479	0.333649	0.848674	-1.17831	0.0019505	0.486358	-2.0561	0.964121	1.00743	1.00743	0.88815	1.02343	1.02343	0.000365148	0.390783	-2.55897	0.0535074	1.43452	1.43452	0.273428	0.828999	-1.20627	0.94643	1.01112	1.01112	8.91045	3.8207	0.381145	1
cg01144225	AMDHD2;AMDHD2	0.0115871	0.344033	0.687185	-1.45521	0.313105	0.669265	-1.49418	0.675505	1.1759	1.1759	0.0228407	0.350537	-2.85277	0.000601042	0.130407	-7.66831	0.0136865	0.309281	-3.2333	0.01886	0.334604	-2.98861	0.762008	1.12401	1.12401	0.0625254	0.446288	-2.24071	5.63708	13.2257	2.0855	1
cg06425026	AMDHD2;AMDHD2	0.0125043	0.843509	0.945868	-1.05723	0.0793978	0.577938	-1.73029	0.0032523	0.323058	-3.09542	0.0507376	0.534311	-1.87157	0.0257551	0.474416	-2.10785	0.00255155	0.307726	-3.24964	0.202724	0.684781	-1.46032	0.684411	0.891311	-1.12194	0.0044402	0.343399	-2.91206	5.49943	6.90554	1.11616	1
cg09359820	AMDHD2;AMDHD2;AMDHD2;AMDHD2	0.000894341	0.00119841	5.88681	5.88681	0.766045	1.08803	1.08803	0.0476933	2.01512	2.01512	?	?	?	?	?	?	0.00149457	5.41137	5.41137	0.00242782	0.219863	-4.54828	0.00903451	0.329412	-3.03571	0.00162944	0.190814	-5.24071	29.5058	26.5644	0.643078	1
cg02493904	AMDHD2;AMDHD2;AMDHD2;AMDHD2	0.00393536	7.52E-05	0.0277471	-36.0398	0.873759	1.08255	1.08255	0.560134	1.34165	1.34165	0.0204721	0.248309	-4.02724	0.061441	0.349556	-2.86077	0.716151	0.833467	-1.19981	0.736144	1.18378	1.18378	0.242395	1.84102	1.84102	0.36676	0.629686	-1.58809	7.89113	31.1002	3.50325	1
cg12312863	AMDHD2;ATP6V0C;AMDHD2	0.00142524	0.0314547	0.468446	-2.13472	0.0239483	0.445031	-2.24703	0.0185304	0.423908	-2.359	0.670972	0.879479	-1.13704	0.00104968	0.232894	-4.29379	0.00150826	0.253094	-3.95111	0.000151878	0.141818	-7.05129	0.523328	1.21458	1.21458	0.363059	1.32438	1.32438	10.6348	15.2135	1.27159	1
cg06099703	AMDHD2;ATP6V0C;AMDHD2	0.00900986	0.878187	0.968684	-1.03233	0.0329864	0.596132	-1.67748	0.181797	0.745259	-1.34182	0.539177	0.878999	-1.13766	0.00569427	0.471299	-2.1218	0.237348	0.77352	-1.29279	0.0461807	0.622572	-1.60624	0.00209135	2.45513	2.45513	0.253167	1.28092	1.28092	6.11025	4.1646	0.605846	1
cg26516710	AMDHD2;ATP6V0C;AMDHD2	0.00987085	0.746009	1.1448	1.1448	0.120287	2.01618	2.01618	0.313895	0.648312	-1.54247	0.948147	1.02743	1.02743	0.0167385	0.296676	-3.37069	0.0189728	0.306659	-3.26095	0.0026328	0.176886	-5.65336	0.0281723	2.94043	2.94043	0.199414	1.75796	1.75796	5.93523	16.2752	2.43745	1
cg16732884	AMDHD2;ATP6V0C;AMDHD2	0.0253137	0.12531	0.446935	-2.23746	0.247078	1.79948	1.79948	0.338034	1.61514	1.61514	0.804128	1.1282	1.1282	0.00449951	0.159097	-6.28546	0.141563	0.464261	-2.15396	0.0114598	0.215318	-4.6443	0.110666	2.32511	2.32511	0.805329	0.88704	-1.12735	4.33836	16.1904	3.31727	1
cg10347555	AMDHD2;ATP6V0C;AMDHD2	0.0318988	0.506018	0.766714	-1.30427	0.631595	0.826812	-1.20946	0.853993	1.07521	1.07521	0.934203	1.03304	1.03304	0.0221275	0.339577	-2.94484	0.0503434	0.415532	-2.40655	0.00347611	0.20986	-4.76508	0.103018	2.01804	2.01804	0.325829	1.49089	1.49089	3.99841	9.81378	2.18171	1
cg09709592	AMDHD2;CEMP1	0.00821966	0.932092	0.990648	-1.00944	0.00227155	0.624558	-1.60113	0.84771	1.02142	1.02142	0.466712	1.08508	1.08508	0.180725	1.16964	1.16964	0.919319	0.988892	-1.01123	0.000809018	1.74561	1.74561	0.525115	1.07358	1.07358	0.137045	1.19313	1.19313	6.29025	1.21094	0.17112	1
cg11323230	AMFR	0.000620173	0.384308	0.957744	-1.04412	0.000589843	0.773434	-1.29293	0.00509596	1.19621	1.19621	0.338864	1.04887	1.04887	0.979246	1.00126	1.00126	0.157795	1.07584	1.07584	0.381368	0.957475	-1.04441	9.97E-05	1.39676	1.39676	0.00563116	1.19229	1.19229	13.4591	0.499357	0.0329793	1
cg16523801	AMFR	0.000858639	0.283816	0.775232	-1.28994	0.317866	0.789729	-1.26626	0.00656869	0.446133	-2.24149	0.105099	0.667035	-1.49917	0.000134039	0.220244	-4.54041	0.0121971	0.489633	-2.04234	0.000299705	0.260577	-3.83763	0.0134512	2.0131	2.0131	0.0332872	0.566172	-1.76625	12.2848	10.1716	0.735981	1
cg04047082	AMFR	0.00129592	0.997668	0.999577	-1.00042	0.000538118	2.18046	2.18046	0.0789967	1.32632	1.32632	0.0816434	1.32237	1.32237	0.4513	1.11754	1.11754	0.497183	1.10496	1.10496	0.0509018	1.37992	1.37992	0.901234	0.982183	-1.01814	0.00014495	0.387743	-2.57903	10.9289	3.62903	0.295163	1
cg01019246	AMFR	0.00257668	0.0666595	0.715145	-1.39832	0.0041642	0.401412	-2.4912	0.00210013	0.493901	-2.0247	0.0009667	0.44889	-2.22772	0.103745	0.748209	-1.33652	0.204441	1.244	1.244	0.132189	0.767272	-1.30332	0.920774	1.01635	1.01635	0.0174359	0.623819	-1.60303	8.95204	3.76896	0.374238	1
cg08322467	AMFR	0.00273695	0.000210364	0.348921	-2.86598	0.361823	1.17262	1.17262	0.185801	1.26913	1.26913	0.0957143	1.36463	1.36463	0.0634269	0.701457	-1.4256	0.633765	0.921695	-1.08496	0.0376709	0.663927	-1.50619	0.00638979	1.82733	1.82733	0.951039	0.989622	-1.01049	8.794	4.01967	0.406305	1
cg08740522	AMFR	0.00403585	0.0114251	0.652295	-1.53305	0.225007	0.841973	-1.18769	0.88714	1.01935	1.01935	0.184212	0.826857	-1.2094	0.000249789	0.442352	-2.26064	0.00101889	0.518122	-1.93005	0.141282	0.80773	-1.23804	0.388101	1.12681	1.12681	0.439062	0.898955	-1.1124	7.83139	2.25961	0.256473	1
cg02691360	AMFR	0.00432541	0.0382149	1.40471	1.40471	0.0331214	1.42252	1.42252	0.00443346	1.7112	1.7112	0.128509	1.26167	1.26167	0.602413	1.07719	1.07719	0.221374	1.19945	1.19945	0.00423701	1.71879	1.71879	0.00015166	2.50841	2.50841	0.118032	1.2714	1.2714	7.66915	2.43115	0.281782	1
cg01912578	AMFR	0.011469	0.117514	0.520812	-1.92008	0.175607	1.73787	1.73787	0.423599	0.730798	-1.36837	0.821816	1.09042	1.09042	0.000738937	0.139904	-7.14777	0.00684437	0.260785	-3.83458	0.0390067	0.399777	-2.50139	0.84938	1.07568	1.07568	0.1064	0.508356	-1.96713	5.65579	13.1901	2.07302	1
cg27521049	AMFR	0.0117002	0.000465368	0.276505	-3.61657	0.0809255	0.636376	-1.5714	0.398396	0.817159	-1.22375	0.00526212	0.423428	-2.36167	0.332031	0.791589	-1.26328	0.0152676	0.498732	-2.00508	0.908377	1.02725	1.02725	0.323183	0.78796	-1.2691	0.162523	0.705951	-1.41653	5.61939	4.85396	0.767811	1
cg26992524	AMFR	0.0248736	0.0196396	0.27785	-3.59907	0.745754	0.862593	-1.15929	0.163239	0.508595	-1.9662	0.525043	1.33994	1.33994	0.0330504	0.322273	-3.10296	0.00739648	0.2085	-4.79616	0.00568498	0.192433	-5.19661	0.942936	0.967999	-1.03306	0.0435753	0.348455	-2.86981	4.36492	14.2694	2.90587	1
cg08292080	AMFR	0.0253573	0.432165	0.824978	-1.21215	0.0175268	2.00142	2.00142	0.0577492	1.67356	1.67356	0.6258	0.88874	-1.12519	0.0119504	0.471069	-2.12283	0.322884	0.78265	-1.27771	0.0186873	1.98197	1.98197	0.712339	1.09295	1.09295	0.592889	0.878511	-1.13829	4.33576	3.95553	0.810937	1
cg23218559	AMH	0.00114776	0.0398072	3.50599	3.50599	0.0346004	3.67112	3.67112	0.107536	2.52714	2.52714	0.192613	2.07066	2.07066	0.0095278	5.65927	5.65927	0.0231862	4.18971	4.18971	4.69E-05	57.5466	57.5466	0.00050775	17.5857	17.5857	0.00287643	8.70622	8.70622	11.3145	49.9254	3.92224	1
cg26659805	AMH	0.00127775	0.0525189	2.07277	2.07277	0.164146	1.62557	1.62557	0.232206	1.50523	1.50523	0.157158	1.64104	1.64104	0.00976647	3.00309	3.00309	0.00589248	3.38598	3.38598	3.12E-05	19.1358	19.1358	0.00117709	5.17421	5.17421	0.0147097	2.73438	2.73438	13.2638	21.5902	1.26603	1
cg04052466	AMH	0.00140683	0.0192446	6.70777	6.70777	0.00970365	9.01675	9.01675	0.0503894	4.47726	4.47726	0.0635256	4.06437	4.06437	0.00383156	13.7357	13.7357	0.0145659	7.55672	7.55672	0.000116415	93.5659	93.5659	0.000539063	37.2449	37.2449	0.00276272	16.0378	16.0378	10.6746	76.3745	6.35981	1
cg11325997	AMH	0.00275599	0.028065	2.59298	2.59298	0.0356425	2.45483	2.45483	0.275046	1.51748	1.51748	0.160517	1.73422	1.73422	0.00806621	3.47715	3.47715	0.0140961	3.04277	3.04277	0.00014845	10.9643	10.9643	0.00104786	5.93638	5.93638	0.0163334	2.93934	2.93934	8.776	18.746	1.89872	1
cg05345154	AMH	0.00543913	0.0498511	4.88066	4.88066	0.0480664	4.95958	4.95958	0.0907345	3.74601	3.74601	0.230635	2.43807	2.43807	0.0165626	7.95912	7.95912	0.0319018	5.94148	5.94148	0.000347908	58.9363	58.9363	0.00203773	21.7984	21.7984	0.00798394	11.1302	11.1302	7.15194	56.8893	7.07056	1
cg12534008	AMH	0.00695816	0.0134707	7.46962	7.46962	0.00645652	10.2572	10.2572	0.224523	2.3132	2.3132	0.111894	3.12039	3.12039	0.0135253	7.45688	7.45688	0.0171897	6.74238	6.74238	0.00129788	21.7535	21.7535	0.00285892	14.8466	14.8466	0.0154649	7.0477	7.0477	6.62749	45.3519	6.08266	1
cg26000619	AMH	0.00725293	0.0642381	4.49504	4.49504	0.0141651	8.91609	8.91609	0.123775	3.33633	3.33633	0.160845	2.95242	2.95242	0.00931743	10.8496	10.8496	0.0245689	6.92769	6.92769	0.000673977	42.8736	42.8736	0.00290142	19.2778	19.2778	0.0187008	7.84514	7.84514	6.54222	54.1332	7.35505	1
cg11616651	AMH	0.0134803	0.0762272	4.47959	4.47959	0.0507034	5.43238	5.43238	0.169428	3.04248	3.04248	0.254866	2.46864	2.46864	0.0325727	6.69575	6.69575	0.0329416	6.66013	6.66013	0.000871488	44.5344	44.5344	0.00497529	16.8815	16.8815	0.0244018	7.68111	7.68111	5.36609	49.107	8.13455	1
cg06615152	AMH	0.0153931	0.0563529	3.08633	3.08633	0.0245116	4.04467	4.04467	0.0883228	2.66657	2.66657	0.141511	2.28087	2.28087	0.0330917	3.66758	3.66758	0.00883841	5.68831	5.68831	0.00260557	8.80381	8.80381	0.00624563	6.41613	6.41613	0.0235424	4.09847	4.09847	5.13652	22.1297	3.82961	1
cg00299047	AMH	0.0165261	0.0540417	2.36568	2.36568	0.0124782	3.40068	3.40068	0.131937	1.89698	1.89698	0.202994	1.69752	1.69752	0.22539	1.65093	1.65093	0.496883	1.31208	1.31208	0.00102509	6.79634	6.79634	0.00496964	4.32449	4.32449	0.0965412	2.0512	2.0512	5.01664	12.3186	2.18272	1
cg10063575	AMHR2;AMHR2;AMHR2	0.0026054	0.265092	0.686423	-1.45683	0.915297	0.966121	-1.03507	0.003306	0.273548	-3.65567	0.00108647	0.209699	-4.76874	0.000988059	0.204747	-4.88409	0.00310191	0.269591	-3.70932	0.00999785	0.348673	-2.86802	0.0104703	0.352091	-2.84018	0.00573585	0.309383	-3.23224	8.92283	14.8314	1.4775	1
cg12993663	AMICA1	0.000361383	0.0619137	0.648825	-1.54125	0.0977174	0.688067	-1.45335	0.00128864	0.380893	-2.62541	0.422685	0.844915	-1.18355	0.00023375	0.284871	-3.51036	0.252791	1.27863	1.27863	2.84E-05	0.183927	-5.43693	0.000620634	0.338342	-2.95559	0.128067	0.712824	-1.40287	15.6311	10.4823	0.596093	1
cg08772028	AMICA1	0.00249616	0.00628086	0.229143	-4.36409	0.00169941	0.156427	-6.39276	0.00549203	0.22071	-4.53084	0.0820655	0.450534	-2.21959	0.0477835	0.391936	-2.55144	0.0549133	0.406197	-2.46186	0.000417304	0.09865	-10.1368	0.000710995	0.11836	-8.44884	0.0968142	0.470307	-2.12627	9.03613	24.5124	2.4113	1
cg06957943	AMICA1	0.00546633	0.932525	1.03076	1.03076	0.987588	0.99445	-1.00558	0.00020861	0.108588	-9.20911	0.856397	1.06696	1.06696	0.902499	1.04482	1.04482	0.573671	1.22557	1.22557	0.00142447	0.191838	-5.21274	0.513947	0.789134	-1.26721	0.919125	0.964315	-1.03701	7.141	14.4776	1.80212	1
cg18364120	AMICA1	0.00913657	0.434832	0.782448	-1.27804	0.00066868	0.201328	-4.96702	0.111116	0.586035	-1.70638	0.326066	0.731845	-1.36641	0.00328366	0.291295	-3.43295	0.178118	1.55354	1.55354	0.0444466	0.491326	-2.03531	0.0766867	0.545417	-1.83346	0.0535113	0.509072	-1.96436	6.08322	9.13276	1.33449	1
cg24552844	AMICA1;AMICA1	0.00438659	0.723158	1.17144	1.17144	0.132689	0.485891	-2.05808	0.0117732	0.246691	-4.05366	0.216606	0.560778	-1.78324	0.0150759	0.264779	-3.77673	0.041101	0.350467	-2.85334	0.000115068	0.0493325	-20.2706	0.0157232	0.267962	-3.73188	0.437411	0.702983	-1.42251	7.63659	23.9378	2.78633	1
cg15794034	AMICA1;AMICA1	0.00754913	0.0579802	0.436933	-2.28868	0.125137	0.526602	-1.89897	0.00634395	0.253382	-3.9466	0.00158013	0.173289	-5.7707	0.785103	0.899787	-1.11137	0.164277	0.563641	-1.77418	0.000994565	0.151161	-6.61547	0.0366081	0.39128	-2.55572	0.0195934	0.336342	-2.97316	6.46078	15.2732	2.10132	1
cg13751113	AMICA1;AMICA1	0.00890672	0.135701	0.389881	-2.56488	0.483878	0.659178	-1.51704	0.0382728	0.244996	-4.0817	0.0134814	0.166676	-5.99968	0.107162	0.356949	-2.80152	0.0469855	0.263981	-3.78815	0.000468261	0.0398973	-25.0644	0.00302313	0.0924648	-10.8149	0.496439	0.667311	-1.49855	6.13261	33.3282	4.83075	1
cg07376232	AMICA1;AMICA1	0.0126637	0.108812	0.386371	-2.58818	0.92467	0.949877	-1.05277	0.010194	0.171787	-5.82116	0.912185	0.941779	-1.06182	0.128809	0.40963	-2.44123	0.205666	0.483864	-2.0667	0.00300459	0.109438	-9.13762	0.000938384	0.0682997	-14.6413	0.232859	0.506512	-1.97429	5.47678	25.6446	4.16215	1
cg18857871	AMICA1;AMICA1	0.0206758	0.941892	1.01293	1.01293	0.595959	1.09892	1.09892	0.00104582	0.425211	-2.35177	0.194179	0.784958	-1.27395	0.429963	0.867609	-1.15259	0.0173094	0.599893	-1.66696	0.0739835	1.42052	1.42052	0.675603	0.928498	-1.07701	0.757892	0.946956	-1.05602	4.65166	2.28917	0.43744	1
cg23818978	AMICA1;AMICA1	0.0390685	0.701456	1.20247	1.20247	0.0603522	0.362802	-2.75632	0.00367562	0.152629	-6.55183	0.197471	0.520943	-1.9196	0.267292	0.57512	-1.73877	0.503078	0.722309	-1.38445	0.00694373	0.187879	-5.32259	0.0545813	0.352117	-2.83997	0.32444	0.614409	-1.62758	3.71519	13.4816	3.22558	1
cg17983957	AMICA1;AMICA1;AMICA1	0.0454091	0.274159	1.65521	1.65521	0.484229	1.37001	1.37001	0.0129407	0.255066	-3.92056	0.0760339	0.417138	-2.39729	0.0107382	0.241784	-4.13593	0.584823	0.783224	-1.27677	0.435492	0.703031	-1.42241	0.0320017	0.328673	-3.04254	0.301195	0.622257	-1.60705	3.51359	10.9141	2.7611	1
cg00791218	AMIGO1	0.00316458	0.000130012	0.20531	-4.87069	0.0404875	0.56914	-1.75704	0.00220451	0.359799	-2.77933	0.146504	1.44955	1.44955	0.48572	0.844729	-1.18381	0.525574	0.857938	-1.16559	0.0268341	0.53542	-1.86769	0.245003	0.7485	-1.33601	0.942639	1.01729	1.01729	8.42333	7.56993	0.798832	1
cg01178795	AMIGO1	0.00567221	0.426529	1.17274	1.17274	0.126801	1.38282	1.38282	0.116216	1.398	1.398	0.0265621	1.67523	1.67523	0.500133	0.874302	-1.14377	0.000419622	0.333717	-2.99655	0.0478676	0.641485	-1.55888	0.881303	1.02976	1.02976	0.0626115	0.662834	-1.50867	7.06034	4.30718	0.542268	1
cg06764670	AMIGO1	0.033271	0.264238	0.851978	-1.17374	0.279944	1.16721	1.16721	0.45955	1.10923	1.10923	0.0653608	0.752193	-1.32945	0.376067	0.882451	-1.13321	0.0138489	0.657915	-1.51995	0.1537	0.810369	-1.23401	0.00416565	0.589413	-1.6966	0.407703	1.12365	1.12365	3.93846	1.18207	0.266787	1
cg07473175	AMIGO2;AMIGO2	0.000214632	0.20894	0.847966	-1.17929	0.0503994	0.757542	-1.32006	0.00391205	1.62183	1.62183	0.111119	0.805651	-1.24123	0.213057	1.17736	1.17736	0.437069	0.906005	-1.10375	0.00731224	0.650106	-1.53821	8.50E-06	3.34231	3.34231	0.0206962	1.41461	1.41461	18.0225	4.42515	0.218253	1
cg08135379	AMIGO2;AMIGO2	0.000605547	0.000480755	0.222341	-4.4976	0.0071458	0.385363	-2.59496	0.0241437	0.478037	-2.09189	0.00678603	0.381733	-2.61964	0.000150824	0.167665	-5.96428	0.0651011	0.566369	-1.76563	0.000581337	0.232154	-4.30748	0.0548658	1.81793	1.81793	0.00500336	0.360759	-2.77193	13.5491	16.1694	1.0608	1
cg24050511	AMIGO2;AMIGO2	0.00093929	0.00754683	0.757083	-1.32086	0.708478	1.03087	1.03087	0.105085	0.866432	-1.15416	0.0205669	1.25338	1.25338	6.86E-05	0.554684	-1.80283	0.996378	1.00037	1.00037	0.31426	0.919202	-1.0879	0.0943479	1.16053	1.16053	0.00694279	1.32681	1.32681	11.9771	1.24319	0.0922636	1
cg23829318	AMIGO2;AMIGO2	0.00163256	0.42478	0.856505	-1.16754	0.00171027	0.427021	-2.34181	0.00204804	0.437942	-2.28341	0.196145	1.2966	1.2966	7.53E-05	0.255338	-3.91638	0.0819189	0.693286	-1.44241	0.631365	0.912228	-1.09622	0.695469	0.927969	-1.07762	0.138824	0.738766	-1.35361	10.2268	5.84889	0.508374	1
cg13640200	AMIGO2;AMIGO2	0.00173797	0.252794	0.825743	-1.21103	0.397699	0.870392	-1.14891	0.0128736	0.609537	-1.64059	0.591317	1.09077	1.09077	0.891961	0.978452	-1.02202	0.661334	1.07322	1.07322	0.0014257	0.477285	-2.09518	0.000143381	2.85904	2.85904	0.4927	0.894327	-1.11816	10.0434	4.08725	0.361743	1
cg26378518	AMIGO2;AMIGO2	0.00579015	0.151497	0.676515	-1.47816	0.986076	1.00445	1.00445	0.357897	0.786292	-1.27179	0.70707	0.908463	-1.10076	8.79E-05	0.167399	-5.97376	0.222442	0.721769	-1.38548	0.370804	0.791602	-1.26326	0.667864	1.11602	1.11602	0.0111758	0.445477	-2.24478	7.01576	7.18534	0.910375	1
cg17241016	AMIGO2;AMIGO2	0.0164266	0.594097	0.953613	-1.04864	0.68338	1.03687	1.03687	0.541866	1.05604	1.05604	0.0585438	1.20769	1.20769	0.0190736	1.28473	1.28473	0.641376	1.04229	1.04229	0.376013	0.922909	-1.08353	0.44388	1.07136	1.07136	0.000468531	1.62511	1.62511	5.02675	0.620786	0.109775	1
cg09933058	AMIGO2;AMIGO2	0.021184	0.365497	0.902762	-1.10771	0.00343902	0.645856	-1.54833	0.0881056	0.81297	-1.23006	0.231428	0.871014	-1.14809	0.00551386	0.669408	-1.49386	0.145221	0.841899	-1.18779	0.0912748	0.814957	-1.22706	0.13957	1.19115	1.19115	0.44365	1.08973	1.08973	4.61326	0.884396	0.170407	1
cg02369195	AMIGO2;AMIGO2	0.0321759	0.00655734	0.613911	-1.6289	0.289035	1.16424	1.16424	0.110966	1.27116	1.27116	0.0114033	0.645622	-1.54889	0.676877	1.05961	1.05961	0.0423997	0.724002	-1.38121	0.48768	0.907174	-1.10232	0.858739	0.975686	-1.02492	0.539819	0.917814	-1.08955	3.98605	1.20518	0.268756	1
cg02943194	AMIGO3;AMIGO3;RNF123	0.00324886	0.4421	0.842851	-1.18645	0.563158	1.13599	1.13599	0.0236695	0.55476	-1.80258	0.0916665	1.49946	1.49946	0.000862667	0.335836	-2.97764	0.0510853	0.615925	-1.62357	0.000805158	0.331853	-3.01338	0.86504	0.963573	-1.0378	0.00661543	0.463482	-2.15758	8.35763	6.29816	0.669851	1
cg24722112	AMIGO3;AMIGO3;RNF123	0.00366392	0.57194	1.17919	1.17919	0.303868	1.35978	1.35978	0.00450447	2.98224	2.98224	0.840956	0.943663	-1.0597	0.643583	0.87418	-1.14393	0.29005	0.728399	-1.37287	0.000128508	0.146407	-6.83029	0.743416	1.09943	1.09943	0.655447	0.878435	-1.13839	8.06248	10.6354	1.17255	1
cg13996426	AMIGO3;AMIGO3;RNF123	0.0261382	0.559135	0.893863	-1.11874	0.839225	0.962148	-1.03934	0.503349	1.1377	1.1377	0.000528974	2.78797	2.78797	0.68671	1.08006	1.08006	0.339686	1.20553	1.20553	0.441313	0.861445	-1.16084	0.0552192	1.5111	1.5111	0.582656	1.11117	1.11117	4.29012	2.45154	0.507946	1
cg25090325	AMIGO3;RNF123	0.000296554	0.602886	0.925427	-1.08058	0.0276057	1.46903	1.46903	0.000129337	0.374526	-2.67004	0.0173395	1.53398	1.53398	0.0616697	0.732883	-1.36447	0.00334778	0.554604	-1.80309	0.000111247	0.366575	-2.72795	0.0221951	1.49902	1.49902	0.575363	0.919831	-1.08716	16.5022	5.6979	0.306916	1
cg05666287	AMIGO3;RNF123	0.00174145	0.0609483	0.474145	-2.10906	0.0274617	2.51302	2.51302	0.00757754	3.36556	3.36556	0.00325892	4.12613	4.12613	0.0262743	0.394057	-2.53771	0.0644919	0.480071	-2.08302	0.00147076	0.197503	-5.06322	0.114404	0.545148	-1.83436	0.0990819	0.52789	-1.89433	10.0375	19.8457	1.75747	1
cg01204305	AMIGO3;RNF123	0.00198552	0.398663	1.18979	1.18979	0.104251	1.42928	1.42928	0.0462234	1.58294	1.58294	0.0127895	1.86251	1.86251	0.234667	1.28469	1.28469	0.0167931	1.79832	1.79832	0.114247	1.41269	1.41269	2.41E-05	5.43197	5.43197	0.460776	1.16301	1.16301	9.66234	6.18892	0.569351	1
cg25755107	AMIGO3;RNF123	0.00401041	0.0422269	1.19343	1.19343	0.0212649	0.811213	-1.23272	0.00143244	0.705803	-1.41683	0.165236	1.11835	1.11835	0.370993	1.07189	1.07189	0.821211	0.98304	-1.01725	0.189573	0.900317	-1.11072	0.0127381	1.26352	1.26352	0.0091322	1.28435	1.28435	7.84634	0.709663	0.0803956	1
cg05493761	AMIGO3;RNF123	0.00404691	0.0183988	0.325786	-3.0695	0.137044	1.87389	1.87389	0.0427831	2.49516	2.49516	0.0105596	3.53	3.53	0.00725097	0.257093	-3.88964	0.0310468	0.370615	-2.69822	0.00841401	0.267226	-3.74215	0.24068	0.617762	-1.61875	0.0351022	0.381901	-2.61848	7.82494	19.0546	2.16454	1
cg08166588	AMIGO3;RNF123	0.00564841	0.158283	0.571829	-1.74877	0.00117558	5.83731	5.83731	0.0034915	4.34289	4.34289	0.0143426	3.06086	3.06086	0.128773	0.544266	-1.83734	0.47028	0.761711	-1.31283	0.107904	0.522016	-1.91565	0.815049	1.09071	1.09071	0.843411	1.07604	1.07604	7.06948	15.3747	1.93315	1
cg04432597	AMIGO3;RNF123	0.0423253	0.330356	0.790993	-1.26423	0.512072	1.16791	1.16791	0.809264	0.945116	-1.05807	0.46781	1.18821	1.18821	0.000915207	0.314501	-3.17964	0.235895	1.33636	1.33636	0.857774	0.958991	-1.04276	0.750519	0.928244	-1.0773	0.5528	0.869214	-1.15046	3.60699	3.11274	0.767088	1
cg21294096	AMMECR1	0.0408818	0.551632	1.34596	1.34596	0.626239	1.27395	1.27395	0.852881	0.91249	-1.0959	0.150948	0.468005	-2.13673	0.0165681	0.23603	-4.23676	0.013136	4.55896	4.55896	0.950454	1.03113	1.03113	0.0924829	2.49277	2.49277	0.095767	0.405529	-2.46591	3.65363	14.0817	3.42593	1
cg08394018	AMMECR1;RGAG1	1.37E-05	8.48E-05	0.373744	-2.67563	1.38E-06	0.179571	-5.56883	3.88E-05	0.333547	-2.99807	0.000440667	0.461525	-2.16673	0.000112188	0.388409	-2.57461	0.0156577	0.661835	-1.51095	2.19E-05	0.304837	-3.28044	3.65E-05	0.3305	-3.02572	0.176799	0.818722	-1.22142	37.3676	11.4852	0.273206	1
cg07780544	AMMECR1;RGAG1	0.000981049	0.00184959	0.347389	-2.87862	0.00512021	0.412826	-2.42233	0.0639836	0.607737	-1.64545	0.00641881	0.4282	-2.33536	0.000311656	0.246878	-4.05059	0.0386021	0.56377	-1.77377	0.000199936	0.224538	-4.45358	0.00131216	0.326661	-3.06128	0.834597	0.951211	-1.05129	11.8305	10.7223	0.805622	1
cg06617418	AMMECR1;RGAG1	0.00126102	0.0141797	0.344877	-2.89959	3.69E-05	0.0612771	-16.3193	0.00403646	0.257037	-3.89049	0.00604413	0.283233	-3.53067	0.0750897	0.497949	-2.00824	0.187282	0.61161	-1.63503	0.00745361	0.297558	-3.36069	0.0078996	0.301621	-3.31542	0.97682	1.01027	1.01027	11.0146	21.5876	1.74215	1
cg12242224	AMMECR1;RGAG1	0.00128735	0.00671822	0.348938	-2.86584	0.00356651	0.306485	-3.2628	0.02565	0.452035	-2.21222	0.020373	0.432836	-2.31035	0.0060222	0.341346	-2.92958	0.0047387	0.325093	-3.07604	5.35E-05	0.104563	-9.56359	0.00329398	0.301406	-3.31779	0.044499	0.500999	-1.99601	10.9497	15.559	1.26307	1
cg16841389	AMMECR1;RGAG1	0.00159841	0.00810389	0.330735	-3.02357	0.043428	0.468613	-2.13396	0.00983438	0.344757	-2.9006	0.00211108	0.243958	-4.09906	0.00840663	0.33336	-2.99976	0.141862	0.597248	-1.67435	6.01E-05	0.0888808	-11.251	0.00682075	0.318596	-3.13877	0.0222031	0.408739	-2.44655	10.2894	17.3564	1.4994	1
cg25730281	AMMECR1;SNORD96B;AMMECR1;AMMECR1	0.0075975	0.252077	1.39604	1.39604	0.00336005	0.32869	-3.04238	0.125658	0.629926	-1.58749	0.00458248	0.349058	-2.86485	0.00193185	0.294173	-3.39936	0.429801	1.252	1.252	0.317772	1.33372	1.33372	0.751387	1.09268	1.09268	0.75009	0.914741	-1.09321	6.44785	7.94122	1.09476	1
cg02366136	AMMECR1L	0.000158183	0.147122	1.30977	1.30977	0.00105441	0.431553	-2.31721	0.49615	0.88705	-1.12733	0.278653	0.822522	-1.21577	0.402032	1.1604	1.1604	0.032249	0.647292	-1.5449	1.82E-05	0.219347	-4.55898	3.40E-05	0.248444	-4.02505	0.00391685	0.50994	-1.96101	19.5745	9.32673	0.423532	1
cg15124878	AMMECR1L	0.00150749	0.669267	0.957937	-1.04391	8.33E-05	2.03063	2.03063	0.0180611	1.33271	1.33271	0.380993	0.914055	-1.09403	0.0533737	1.24541	1.24541	0.476163	1.07514	1.07514	0.00446659	0.684395	-1.46115	0.654111	1.04614	1.04614	0.0275738	1.29767	1.29767	10.4646	1.65759	0.1408	1
cg25188141	AMMECR1L	0.009169	0.238043	0.834725	-1.198	0.0148368	0.645259	-1.54977	0.154578	0.800338	-1.24947	0.980222	1.00363	1.00363	0.000251898	0.413866	-2.41624	0.0889772	0.760185	-1.31547	0.165131	1.24162	1.24162	0.841964	0.971242	-1.02961	0.248978	0.838505	-1.1926	6.07637	2.05616	0.300788	1
cg26782833	AMMECR1L	0.0287978	0.641254	0.897541	-1.11416	0.112305	0.671488	-1.48923	0.0944386	0.654759	-1.52728	0.480683	1.17955	1.17955	0.263752	0.764634	-1.30782	0.450675	0.837743	-1.19368	0.00263321	0.383291	-2.60898	0.0531459	0.602822	-1.65886	0.0467173	1.68974	1.68974	4.14647	3.48476	0.747035	1
cg07294263	AMMECR1L	0.0437767	0.0499663	0.539189	-1.85464	0.0142561	0.433775	-2.30534	0.026686	0.484041	-2.06594	0.360078	0.771058	-1.29692	0.107259	0.615226	-1.62542	0.110299	0.618245	-1.61748	0.00809923	0.391847	-2.55202	0.0462368	0.532061	-1.87948	0.0464059	0.532394	-1.87831	3.56202	4.30712	1.07483	1
cg09033638	AMMECR1L;AMMECR1L	0.00735967	0.103896	1.38333	1.38333	0.548686	1.1171	1.1171	0.00591088	1.92925	1.92925	0.00199696	2.21724	2.21724	0.417032	1.16341	1.16341	0.815416	0.958225	-1.0436	0.071098	0.692174	-1.44472	0.177007	0.769619	-1.29934	0.00462583	1.98889	1.98889	6.5124	3.43468	0.468805	1
cg18924816	AMN	6.04E-05	0.514463	1.15658	1.15658	0.978117	1.00605	1.00605	0.173516	0.727129	-1.37527	0.884998	1.03236	1.03236	3.27E-05	0.16936	-5.90458	0.000375542	0.286138	-3.49482	6.95E-06	0.111857	-8.94	0.0241425	1.80699	1.80699	0.000754584	0.324929	-3.0776	25.3236	19.4204	0.68168	1
cg09616556	AMN	0.00039401	0.000529618	0.348016	-2.87343	0.0756863	0.679303	-1.4721	0.196949	1.30577	1.30577	0.134696	1.37083	1.37083	0.209904	1.29491	1.29491	0.571588	0.894215	-1.1183	2.45E-05	0.193501	-5.16794	0.0129418	1.82824	1.82824	0.536522	1.13022	1.13022	15.2636	9.2469	0.538503	1
cg07378067	AMN	0.00314644	0.03144	1.92137	1.92137	0.0615984	1.72435	1.72435	0.298174	1.3219	1.3219	0.157652	1.47844	1.47844	0.0101227	2.31528	2.31528	0.159264	1.4759	1.4759	0.000305641	0.219226	-4.56149	0.0304362	1.93146	1.93146	0.194858	1.42597	1.42597	8.43775	8.94906	0.942754	1
cg01759155	AMN	0.0219497	0.611446	1.15665	1.15665	0.0122726	0.412286	-2.4255	0.26093	0.716732	-1.39522	0.399801	1.27742	1.27742	0.89705	0.963896	-1.03746	0.362464	1.30459	1.30459	0.00189782	0.286472	-3.49074	0.0922106	1.69297	1.69297	0.506621	0.8258	-1.21095	4.55752	5.82432	1.13596	1
cg23897302	AMN	0.0428542	0.311481	1.37169	1.37169	0.872862	0.952813	-1.04952	0.537272	0.828158	-1.2075	0.89175	0.959735	-1.04195	0.102958	1.71333	1.71333	0.0227395	2.2771	2.2771	0.00194674	3.75334	3.75334	0.136141	1.62368	1.62368	0.428683	1.27617	1.27617	3.59038	5.18022	1.28249	1
cg09917807	AMN1;AMN1	0.00360841	0.000744302	0.690352	-1.44854	0.0443673	0.846078	-1.18192	0.609133	1.03803	1.03803	0.0805774	1.15058	1.15058	0.000502132	0.674476	-1.48263	0.980619	1.00176	1.00176	0.481143	1.05319	1.05319	0.100793	0.878016	-1.13893	0.19427	0.905385	-1.1045	8.09947	0.672011	0.0737508	1
cg08198187	AMN1;AMN1	0.0116465	0.483446	1.18078	1.18078	0.926895	1.02164	1.02164	0.0794977	1.57487	1.57487	0.0447028	0.584064	-1.71214	0.00145644	0.342018	-2.92382	0.700525	0.913771	-1.09437	0.00995812	2.13718	2.13718	0.634195	0.894177	-1.11835	0.227907	0.744291	-1.34356	5.62777	4.8528	0.766485	1
cg07007050	AMN1;AMN1	0.0185812	0.269927	0.88262	-1.13299	0.0376222	0.769412	-1.29969	0.206829	1.15569	1.15569	0.654822	1.05013	1.05013	0.381981	1.10236	1.10236	0.356472	0.902052	-1.10858	0.000885154	0.581892	-1.71853	0.10255	0.823522	-1.2143	0.319152	1.1184	1.1184	4.82323	0.902401	0.166307	1
cg11243680	AMN1;AMN1	0.026219	0.0405388	0.780597	-1.28107	0.226315	1.14229	1.14229	0.275457	1.12616	1.12616	0.347106	1.1067	1.1067	0.0800461	0.815969	-1.22554	0.25193	0.882203	-1.13353	0.00428259	0.670236	-1.49201	0.182274	0.862223	-1.15979	0.106201	1.20293	1.20293	4.28549	0.744301	0.154382	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15672146	AMOT	1.84E-06	0.00127629	0.500085	-1.99966	3.25E-06	5.0757	5.0757	0.0124842	1.58162	1.58162	1.51E-07	11.2358	11.2358	0.00158239	0.512205	-1.95234
cg18389752	AMOT	0.0134014	0.836902	0.88445	-1.13065	0.0415918	4.05325	4.05325	0.245727	2.06104	2.06104	0.21495	2.17624	2.17624	0.012189	6.42825	6.42825
cg24690818	AMOT	0.0196365	0.905506	1.03955	1.03955	0.00314336	3.73841	3.73841	0.00536992	3.31184	3.31184	0.377126	0.74376	-1.34452	0.0636941	0.506135	-1.97576
cg09912589	AMOT;AMOT	0.00199826	0.72537	1.06436	1.06436	0.983383	1.00369	1.00369	0.421712	0.864891	-1.15621	0.000408657	0.370503	-2.69903	0.000300832	0.353585	-2.82817
cg23955970	AMOT;AMOT	0.0192466	0.841777	1.10206	1.10206	0.0319206	3.39553	3.39553	0.253144	0.559707	-1.78665	0.00765345	0.188824	-5.29595	0.00468998	0.160812	-6.21843
cg23932180	AMOT;AMOT	0.0223862	0.0276014	0.297434	-3.3621	0.0193789	3.72888	3.72888	0.114849	2.22147	2.22147	0.638119	0.802098	-1.24673	0.0690901	0.387967	-2.57754
cg00489066	AMOTL1	0.000631927	0.0021095	0.637359	-1.56898	0.0146569	0.731195	-1.36762	0.0495463	1.26295	1.26295	0.197503	0.867687	-1.15249	0.568085	0.941657	-1.06196
cg22623080	AMOTL1	0.00174991	0.0538805	0.775575	-1.28937	0.522204	0.927447	-1.07823	0.00027354	1.99841	1.99841	0.373311	0.89931	-1.11196	0.339843	0.892052	-1.12101
cg18993847	AMOTL1	0.00252655	0.00370443	1.51995	1.51995	0.154323	0.849771	-1.17679	0.269673	0.884513	-1.13057	0.00695091	0.688775	-1.45185	0.0596318	0.796971	-1.25475
cg03259212	AMOTL1	0.00466064	0.384548	0.72091	-1.38714	0.0352671	2.45956	2.45956	0.011965	0.316351	-3.16104	0.63553	0.839252	-1.19154	0.0305588	0.393466	-2.54152
cg25325038	AMOTL1	0.00477348	0.233419	1.1578	1.1578	0.0602807	1.28211	1.28211	0.0609524	0.780593	-1.28108	0.0403524	1.32015	1.32015	0.153998	1.19601	1.19601
cg11429960	AMOTL1	0.0047806	0.84962	1.06018	1.06018	0.0417937	2.05938	2.05938	0.785832	1.08747	1.08747	0.698939	0.887229	-1.12711	0.000131258	0.129575	-7.71754
cg14498291	AMOTL1	0.0072169	0.824912	1.0351	1.0351	0.0177592	0.638408	-1.5664	0.0157787	0.630972	-1.58486	0.390332	1.14687	1.14687	0.69381	1.06354	1.06354
cg05461420	AMOTL1	0.00915048	0.0880177	0.740489	-1.35046	0.78186	1.04529	1.04529	0.147417	0.780302	-1.28156	0.895054	0.979159	-1.02129	0.000613179	0.430836	-2.32107
cg19197652	AMOTL1	0.00952524	0.131694	0.67525	-1.48093	0.0713966	1.62564	1.62564	0.241211	0.743748	-1.34454	0.128918	0.673027	-1.48582	0.000402448	0.257188	-3.88821
cg20493960	AMOTL1	0.0118882	0.816103	0.960348	-1.04129	0.892537	0.976798	-1.02375	0.875105	1.0277	1.0277	0.0112707	0.576191	-1.73553	0.038788	0.659959	-1.51525
cg23265210	AMOTL1	0.0171649	0.874769	0.969338	-1.03163	0.0503287	0.643709	-1.5535	0.0538896	0.649128	-1.54053	0.200671	0.765771	-1.30587	0.767956	1.06016	1.06016
cg12532343	AMOTL1	0.0179713	0.399721	1.13933	1.13933	0.00442855	0.562894	-1.77653	0.0154625	0.637931	-1.56757	0.334316	1.16261	1.16261	0.0179379	1.5453	1.5453
cg25371036	AMOTL1	0.0180003	0.00870321	0.409602	-2.4414	0.298435	0.749951	-1.33342	0.12189	0.639127	-1.56464	0.0559157	1.78278	1.78278	0.00368669	0.350683	-2.85158
cg13195923	AMOTL1	0.0304831	0.0232279	1.46321	1.46321	0.0249809	0.687825	-1.45386	0.00793748	0.620287	-1.61216	0.728433	1.05012	1.05012	0.249554	0.844651	-1.18392
cg08416315	AMOTL1	0.0387063	0.635585	0.945315	-1.05785	0.764074	1.0361	1.0361	0.0992122	1.23728	1.23728	0.0975386	1.23884	1.23884	0.238885	1.1564	1.1564
cg12932306	AMOTL1	0.0436886	0.0116708	0.267707	-3.73542	0.0204827	0.31112	-3.2142	0.163607	0.537061	-1.86199	0.138036	0.512854	-1.94987	0.00844645	0.245073	-4.08042
cg09671810	AMOTL1;AMOTL1	0.00246625	0.00842536	0.782595	-1.2778	0.213436	1.10016	1.10016	0.46958	0.947808	-1.05507	0.0136647	1.24884	1.24884	0.33056	0.929462	-1.07589
cg17212943	AMOTL2	0.0107394	0.444429	1.0875	1.0875	0.050753	0.787045	-1.27058	0.0116799	1.40359	1.40359	0.0271443	1.32496	1.32496	0.156804	1.17696	1.17696
cg09852007	AMOTL2	0.0246325	0.0556632	0.506346	-1.97494	0.385178	0.756227	-1.32235	0.0401565	2.10471	2.10471	0.771629	1.09564	1.09564	0.404546	0.765165	-1.30691
cg04514308	AMOTL2	0.0333444	0.12973	0.57882	-1.72765	0.0703463	0.508812	-1.96536	0.0941331	0.540766	-1.84923	0.505919	1.25289	1.25289	0.127591	0.576764	-1.73381
cg09713896	AMOTL2	0.0474703	0.416997	0.617187	-1.62026	0.0904068	0.337724	-2.961	0.653444	0.768792	-1.30074	0.518068	1.46407	1.46407	0.884485	0.9189	-1.08826
cg16082007	AMOTL2;AMOTL2	0.00501007	0.162025	0.881144	-1.13489	0.551417	1.0524	1.0524	0.773644	0.975857	-1.02474	0.0498635	1.20872	1.20872	0.682116	0.965701	-1.03552
cg23523368	AMPD1	0.0108709	0.14556	0.388279	-2.57547	0.0510075	0.260394	-3.84034	0.0184797	0.177319	-5.63955	0.00685649	0.120071	-8.32838	0.025988	0.201945	-4.95184
cg05499890	AMPD1	0.0152169	0.0149855	0.127149	-7.86481	0.0502936	0.214653	-4.65868	0.0960824	0.283591	-3.5262	0.329	0.49922	-2.00312	0.0136544	0.122027	-8.19493
cg21931680	AMPD1	0.0294689	0.0394309	0.139172	-7.18537	0.0354152	0.131686	-7.59385	0.0495784	0.156559	-6.38736	0.143254	0.271986	-3.67666	0.0205366	0.0992797	-10.0725
cg00177290	AMPD2	0.0252364	0.554728	1.09667	1.09667	0.164388	1.25749	1.25749	0.589277	0.919267	-1.08782	0.00583097	1.74641	1.74641	0.86198	0.973483	-1.02724
cg04347820	AMPD2	0.0481911	0.453243	1.28433	1.28433	0.00887834	0.322776	-3.09812	0.173378	0.620235	-1.61229	0.883372	0.953187	-1.04911	0.160756	1.63934	1.63934
cg15447512	AMPD2;AMPD2	0.000854347	0.260828	0.630084	-1.58709	0.116639	0.51096	-1.9571	0.515986	0.771511	-1.29616	0.000878324	0.140214	-7.13195	0.289486	0.648533	-1.54194
cg14254419	AMPD2;AMPD2	0.034133	0.0344016	0.296073	-3.37755	0.0796706	0.383092	-2.61034	0.639706	0.792495	-1.26184	0.213781	0.524275	-1.9074	0.00837508	0.189823	-5.26807
cg00171084	AMPD2;AMPD2	0.0378585	0.00173687	0.432696	-2.31109	0.835084	1.03987	1.03987	0.283452	1.23246	1.23246	0.890914	0.974591	-1.02607	0.190104	1.29729	1.29729
cg12871507	AMPD2;AMPD2;AMPD2	0.00380588	0.00836919	0.794545	-1.25858	0.00637288	1.27426	1.27426	0.0137694	1.23105	1.23105	0.62379	1.03432	1.03432	0.122132	0.891923	-1.12117
cg26600917	AMPD2;AMPD2;AMPD2	0.0105348	0.20531	0.820525	-1.21873	0.353252	0.868148	-1.15188	0.196694	0.817046	-1.22392	0.492107	0.901872	-1.1088	0.649124	0.934441	-1.07016
cg09414045	AMPD2;AMPD2;AMPD2	0.0113405	0.739819	1.08022	1.08022	0.820849	0.948836	-1.05392	0.851596	1.04432	1.04432	0.0332344	0.561973	-1.77944	0.060521	0.612595	-1.6324
cg15111554	AMPD2;AMPD2;AMPD2	0.0132862	0.95301	1.00916	1.00916	0.0192682	1.54975	1.54975	0.48987	1.11466	1.11466	0.0295945	1.48642	1.48642	0.136272	0.780033	-1.282
cg22164238	AMPD2;AMPD2;AMPD2	0.0232582	0.0243765	0.63592	-1.57252	0.363046	0.854071	-1.17086	0.973115	0.99433	-1.0057	0.0560285	0.694048	-1.44082	0.190632	0.791482	-1.26345
cg02988730	AMPD2;AMPD2;AMPD2	0.0398223	0.182241	0.786785	-1.271	0.371001	0.855905	-1.16835	0.011038	0.582765	-1.71596	0.0103031	0.578356	-1.72904	0.434543	0.873666	-1.1446
cg26363634	AMPD2;AMPD2;AMPD2	0.0470159	0.0526546	0.686052	-1.45761	0.0307147	0.64783	-1.54361	0.529473	1.11512	1.11512	0.299584	0.832035	-1.20187	0.0281968	0.641937	-1.55779
cg17804651	AMPD2;AMPD2;AMPD2	0.0482408	0.627251	0.942605	-1.06089	0.732783	0.959449	-1.04226	0.16462	1.19612	1.19612	0.562502	1.07329	1.07329	0.888139	1.01715	1.01715
cg08035082	AMPD3	0.0128635	0.471913	1.11938	1.11938	0.178164	1.2467	1.2467	0.000315564	0.406742	-2.45856	0.201789	0.812419	-1.23089	0.0379227	0.690084	-1.4491
cg24435741	AMPD3	0.0165968	0.593057	1.22955	1.22955	0.0876309	0.485645	-2.05912	0.609656	1.21807	1.21807	0.363235	1.43042	1.43042	0.875522	1.06189	1.06189
cg16652651	AMPD3	0.021202	0.0272635	4.53209	4.53209	0.305302	1.84782	1.84782	0.244642	0.494597	-2.02185	0.401505	0.60855	-1.64325	0.359921	0.580159	-1.72367
cg24921089	AMPD3	0.0270587	0.039915	5.01983	5.01983	0.0277221	5.85748	5.85748	0.125793	3.08139	3.08139	0.488473	0.619966	-1.61299	0.0250577	6.11483	6.11483
cg13177786	AMPD3	0.0408205	0.0212465	19.4613	19.4613	0.0167098	22.9089	22.9089	0.342071	0.350167	-2.85578	0.662077	0.624119	-1.60226	0.255102	0.279806	-3.5739
cg02082273	AMPD3	0.0419376	0.0540473	3.8335	3.8335	0.35281	1.79954	1.79954	0.0434799	4.16533	4.16533	0.812327	1.15738	1.15738	0.74096	0.815573	-1.22613
cg12685539	AMPD3	0.0467099	0.0161966	9.93645	9.93645	0.00295943	24.1668	24.1668	0.528855	1.64559	1.64559	0.750055	0.779175	-1.28341	0.46828	1.77913	1.77913
cg25968076	AMPD3;AMPD3;AMPD3	0.0273992	0.117236	0.672265	-1.48751	0.0173314	1.96669	1.96669	0.0294949	0.54978	-1.81891	0.712461	1.09023	1.09023	0.171783	0.712132	-1.40423
cg21507987	AMPD3;AMPD3;AMPD3	0.0450558	0.559713	0.92028	-1.08663	0.048865	1.37277	1.37277	0.216526	1.20102	1.20102	0.098751	0.774927	-1.29044	0.00842027	0.622521	-1.60637
cg18593305	AMPD3;AMPD3;AMPD3	0.0486375	0.0102253	1.72877	1.72877	0.055443	1.44347	1.44347	0.109436	1.34325	1.34325	0.0804008	1.38806	1.38806	0.193876	1.26165	1.26165
cg17289942	AMPH;AMPH	0.00280602	0.00581092	1.77715	1.77715	0.0103429	0.598012	-1.67221	0.200782	0.80648	-1.23996	0.154162	1.27482	1.27482	0.00056211	2.34242	2.34242
cg05349279	AMPH;AMPH	0.0119443	0.0132183	0.624842	-1.6004	0.0918689	0.752662	-1.32862	0.17813	1.24492	1.24492	0.525306	0.906148	-1.10357	0.000819388	0.462026	-2.16438
cg23092449	AMPH;AMPH	0.0433527	0.654382	1.23545	1.23545	0.196566	0.526934	-1.89777	0.12264	2.19222	2.19222	0.699045	1.19996	1.19996	0.18088	0.513448	-1.94762
cg00911226	AMPH;AMPH	0.0475811	0.0914621	0.519266	-1.92579	0.0993937	1.89056	1.89056	0.737554	1.1259	1.1259	0.257777	0.659413	-1.5165	0.00260202	0.229718	-4.35316
cg18641056	AMT;AMT;AMT;AMT;AMT	0.00336353	0.00078371	0.262451	-3.81023	0.175923	0.684511	-1.4609	0.817365	0.940886	-1.06283	0.322912	1.30859	1.30859	0.000247246	0.203072	-4.92436
cg25618118	AMT;AMT;AMT;AMT;AMT	0.0257445	0.491708	0.864228	-1.1571	0.811324	1.05124	1.05124	0.443711	0.849454	-1.17723	0.0509129	1.59146	1.59146	0.000671943	0.337258	-2.96509
cg07266350	AMT;AMT;AMT;NICN1;AMT;AMT	0.0144048	0.102437	1.34724	1.34724	0.270449	0.825826	-1.21091	0.0444483	1.46955	1.46955	0.102678	0.74244	-1.34691	0.75726	0.949607	-1.05307
cg21926782	AMT;AMT;AMT;NICN1;AMT;AMT;AMT;AMT;AMT;AMT	0.0392967	0.0503859	3.50756	3.50756	0.0131729	5.63725	5.63725	0.0722554	3.09186	3.09186	0.362204	1.6938	1.6938	0.0537861	3.42844	3.42844
cg17536071	AMTN	2.04E-06	3.13E-08	0.0484624	-20.6345	0.0159276	0.640314	-1.56173	3.35E-05	0.296728	-3.37008	0.719687	0.94703	-1.05593	4.38E-05	0.310183	-3.2239
cg25553522	AMTN	7.56E-05	0.47085	0.870139	-1.14924	0.410877	1.17288	1.17288	0.000934354	0.391943	-2.55139	0.203624	0.775345	-1.28975	1.75E-06	0.103827	-9.63137
cg05329893	AMTN;AMTN	0.00671494	0.00179743	0.0750135	-13.3309	0.0163213	0.180409	-5.54297	0.0239313	0.207759	-4.81328	0.0759692	0.316082	-3.16374	0.00921957	0.145474	-6.87408
cg22036057	AMY2B;AMY2B;RNPC3	0.00396049	0.669245	1.15124	1.15124	0.106478	0.561185	-1.78194	0.022962	0.410016	-2.43893	0.00678539	0.316685	-3.15771	0.000431821	0.16126	-6.20118
cg20489317	AMY2B;LOC648740	0.0147488	0.0928302	0.697536	-1.43362	0.0177621	0.570368	-1.75326	0.0273119	0.601291	-1.66309	0.140746	1.36155	1.36155	0.641871	1.09552	1.09552
cg02156692	AMZ1	0.000190176	0.000161147	0.397551	-2.5154	0.00305263	1.78762	1.78762	0.0232756	1.47434	1.47434	0.00857573	1.61608	1.61608	0.00185433	0.53128	-1.88225
cg15882394	AMZ1	0.000268413	0.0313829	0.600889	-1.6642	0.00181695	2.44573	2.44573	0.215785	0.768875	-1.3006	0.322364	1.22905	1.22905	0.000123648	0.259083	-3.85977
cg05864433	AMZ1	0.00132602	0.00148428	0.0985736	-10.1447	0.00017962	0.0405203	-24.679	0.0184325	0.235715	-4.24241	0.0314102	0.279192	-3.58176	0.000647791	0.0710469	-14.0752
cg05986956	AMZ1	0.0047869	0.558623	1.13082	1.13082	0.0142651	1.87427	1.87427	0.00425211	2.21494	2.21494	0.161643	1.36432	1.36432	0.0644427	0.649342	-1.54002
cg17081778	AMZ1	0.0048152	0.711561	1.25952	1.25952	0.00128233	18.4754	18.4754	0.000714542	0.0407268	-24.5538	0.0650291	3.62209	3.62209	0.171023	2.47324	2.47324
cg26603629	AMZ1	0.00658921	0.818427	1.04037	1.04037	0.0505986	0.681555	-1.46723	0.205773	0.794764	-1.25824	0.0378055	1.51367	1.51367	0.000961792	0.429066	-2.33064
cg22237653	AMZ1	0.00754251	0.274035	0.73245	-1.36528	0.16864	1.4937	1.4937	0.0809911	1.6977	1.6977	0.0185114	2.18444	2.18444	0.000672647	0.241038	-4.14872
cg09574997	AMZ1	0.00911664	0.00530569	0.419983	-2.38105	0.151111	1.438	1.438	0.63804	0.894148	-1.11838	0.0735594	0.624353	-1.60166	0.000950259	0.312505	-3.19995
cg00458156	AMZ1	0.0097711	0.0647814	0.552702	-1.80929	0.00556718	0.353093	-2.83211	0.00879069	0.385251	-2.59571	0.195831	0.676343	-1.47854	0.00182196	0.281761	-3.54911
cg05711251	AMZ1	0.0127947	0.536179	0.91699	-1.09052	0.00768365	1.60623	1.60623	0.00280795	1.76746	1.76746	0.134399	0.799874	-1.2502	0.793384	1.03698	1.03698
cg00140786	AMZ1	0.0146084	0.625592	1.10255	1.10255	0.00488795	2.09706	2.09706	0.246309	1.27214	1.27214	0.487452	0.869309	-1.15034	0.212136	0.770342	-1.29812
cg14162629	AMZ1	0.0170404	0.272653	1.35852	1.35852	0.00193901	3.24387	3.24387	0.812109	1.06599	1.06599	0.61402	0.872429	-1.14623	0.929931	0.976675	-1.02388
cg24418298	AMZ1	0.0178376	0.238911	1.20166	1.20166	0.298579	0.851737	-1.17407	0.0399699	0.702151	-1.4242	0.610707	0.926384	-1.07947	0.856925	1.02724	1.02724
cg14895775	AMZ1	0.0182601	0.0104236	0.221672	-4.51116	0.0023341	0.13735	-7.28068	0.1658	0.501372	-1.99453	0.423481	0.682577	-1.46504	0.00827041	0.206502	-4.84258
cg23195753	AMZ1	0.0221063	0.89927	0.970577	-1.03032	0.00977208	0.462784	-2.16084	0.38714	0.811355	-1.23251	0.0260038	1.86469	1.86469	0.120552	0.672282	-1.48747
cg22124564	AMZ1	0.0228506	0.00704156	0.176957	-5.65109	0.00459009	0.153231	-6.52609	0.075708	0.374251	-2.672	0.103284	0.412355	-2.4251	0.00993452	0.198113	-5.04763
cg12529027	AMZ1	0.0243098	0.881761	0.945062	-1.05813	0.000423783	8.32919	8.32919	0.207378	0.603649	-1.65659	0.944932	0.974115	-1.02657	0.699603	1.15859	1.15859
cg01801101	AMZ1	0.0252187	0.0153048	0.247328	-4.04321	0.00830147	0.205289	-4.87117	0.046011	0.341994	-2.92403	0.125085	0.458863	-2.1793	0.0177956	0.258728	-3.86507
cg12332239	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.000176593	5.36E-05	0.278538	-3.59018	0.81857	0.961776	-1.03974	0.112937	0.746282	-1.33998	0.131488	0.758674	-1.31809	0.772863	0.952096	-1.05031
cg26244401	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.00865182	0.000114151	0.022597	-44.2537	0.452711	0.65172	-1.5344	0.738022	0.82872	-1.20668	0.228841	0.493223	-2.02748	0.662068	1.27907	1.27907
cg03409623	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.0122837	0.272464	0.679849	-1.47091	0.300162	1.43723	1.43723	0.24128	1.51346	1.51346	0.0318126	0.427394	-2.33976	0.15357	0.596787	-1.67564
cg05609408	ANAPC1	2.01E-05	0.056579	0.760627	-1.3147	2.45E-05	2.89949	2.89949	0.369795	0.889797	-1.12385	0.263888	0.862741	-1.1591	0.000891813	0.532159	-1.87914
cg02751639	ANAPC1	0.0346349	0.0110643	0.687227	-1.45512	0.213569	1.1667	1.1667	0.65166	0.947906	-1.05496	0.453345	1.09409	1.09409	0.38866	1.1096	1.1096
cg01940055	ANAPC10;ABCE1;ABCE1	0.00131002	0.00928535	0.478125	-2.09151	0.000402839	0.284272	-3.51775	0.0245274	0.549432	-1.82006	0.859196	1.04049	1.04049	0.00028477	0.265815	-3.76201
cg07571180	ANAPC10;ABCE1;ABCE1	0.0220817	0.000787053	0.112119	-8.91913	0.124159	2.05009	2.05009	0.190389	1.81831	1.81831	0.494328	1.34884	1.34884	0.309477	0.635408	-1.57379
cg10468580	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11	0.0345659	0.867202	1.03375	1.03375	0.068445	0.667272	-1.49864	0.0511587	0.643747	-1.55341	0.243213	1.27403	1.27403	0.0114562	0.533953	-1.87282
cg23402661	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;THOC4	0.00527159	0.944037	0.988595	-1.01154	0.0463335	1.45194	1.45194	0.201131	1.2468	1.2468	0.0659588	1.4008	1.4008	0.439162	1.13759	1.13759
cg01515426	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;THOC4	0.0082716	0.70193	0.972554	-1.02822	0.993423	0.999404	-1.0006	0.477392	1.05367	1.05367	0.12078	0.88535	-1.1295	0.492139	1.05179	1.05179
cg08217660	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;THOC4;ANAPC11;ANAPC11;ANAPC11;A	0.0361085	0.030376	0.312975	-3.19515	0.0170867	0.263162	-3.79994	0.556583	1.30342	1.30342	0.0451632	0.351752	-2.84291	0.267148	0.595987	-1.67789
cg18342939	ANAPC13;ANAPC13;CEP63;CEP63;CEP63;ANAPC13	0.00201751	0.714034	1.13232	1.13232	0.0315568	0.42687	-2.34263	0.730879	0.889959	-1.12365	0.573392	1.21179	1.21179	0.00198693	0.228884	-4.36902
cg15484384	ANAPC13;ANAPC13;CEP63;CEP63;CEP63;ANAPC13;CEP63	0.0095528	0.0120361	0.230386	-4.34054	0.00255748	0.140692	-7.10773	0.224942	0.550212	-1.81748	0.910483	0.948647	-1.05413	0.00416051	0.16523	-6.05217
cg19115656	ANAPC13;ANAPC13;CEP63;CEP63;CEP63;ANAPC13;CEP63	0.0173475	0.716692	1.04178	1.04178	0.00167959	1.65612	1.65612	0.0193079	1.37415	1.37415	0.0461361	0.773632	-1.2926	0.162577	0.845817	-1.18229
cg18126883	ANAPC1;ANAPC1	0.00927592	0.155514	1.22337	1.22337	0.182081	1.2067	1.2067	0.263956	1.16704	1.16704	0.523678	1.08952	1.08952	0.511016	1.09247	1.09247
cg14513222	ANAPC2	0.00338681	0.24298	0.832809	-1.20076	0.0480185	1.40275	1.40275	0.0263601	1.48344	1.48344	0.0856749	0.752436	-1.32902	0.00636549	0.587579	-1.7019
cg13953629	ANAPC2	0.00438198	0.163281	0.729813	-1.37021	0.0121255	0.515871	-1.93847	0.0101296	0.503274	-1.98699	0.204638	0.753278	-1.32753	0.0767924	0.65929	-1.51678
cg14604065	ANAPC2	0.00438542	0.499883	0.787726	-1.26948	0.00426736	0.263924	-3.78897	0.237926	0.650043	-1.53836	0.0363262	0.428329	-2.33466	0.0320479	0.41684	-2.399
cg13667160	ANAPC2	0.00830081	0.605454	1.07142	1.07142	0.0335514	0.719853	-1.38917	0.00154479	0.547253	-1.82731	0.556885	1.08183	1.08183	0.921405	1.01315	1.01315
cg13963311	ANAPC2	0.0187466	0.523825	0.755432	-1.32375	0.0134038	0.264611	-3.77913	0.0123299	0.258502	-3.86844	0.0564944	0.391643	-2.55334	0.00783516	0.227284	-4.39977
cg13523144	ANAPC2	0.0241993	0.0137744	0.471193	-2.12227	0.227855	0.731376	-1.36729	0.0567642	0.586907	-1.70385	0.092741	0.633082	-1.57957	0.00481087	0.396719	-2.52068
cg03231329	ANAPC2	0.0344235	0.545874	0.904951	-1.10503	0.00393125	0.53045	-1.88519	0.167645	0.78638	-1.27165	0.355515	1.16801	1.16801	0.0207751	0.634574	-1.57586
cg03804500	ANAPC2;SSNA1	0.00265134	0.00219026	0.219006	-4.56609	0.0130787	0.336837	-2.9688	0.0162708	0.353909	-2.82558	0.000974741	0.17651	-5.66541	0.00086241	0.170607	-5.86143
cg14189495	ANAPC2;SSNA1	0.0110249	0.102649	0.607291	-1.64666	0.0201354	0.457103	-2.18769	0.97487	0.991241	-1.00884	0.545575	0.842962	-1.18629	0.0425724	0.520952	-1.91956
cg17276082	ANAPC2;SSNA1	0.0149911	0.78639	1.0223	1.0223	0.0028158	1.39662	1.39662	0.00187278	1.43054	1.43054	0.272727	1.0971	1.0971	0.0118122	1.29074	1.29074
cg13918811	ANAPC4	0.00090766	0.000481688	0.34573	-2.89243	0.970174	0.992774	-1.00728	0.872821	0.969405	-1.03156	0.0652076	1.49408	1.49408	5.39E-05	0.232152	-4.30752
cg02678013	ANAPC4	0.0346632	0.0461087	1.76991	1.76991	0.617573	1.134	1.134	0.0163218	2.08245	2.08245	0.961011	1.01229	1.01229	0.53715	1.16896	1.16896
cg15417488	ANAPC5	0.00103851	0.00134437	0.0989991	-10.1011	0.000211031	0.046176	-21.6563	0.0277296	0.274809	-3.63889	0.196947	0.508045	-1.96833	0.000339126	0.0569005	-17.5746
cg24987293	ANAPC5	0.00234186	0.0662961	0.547754	-1.82564	0.669382	1.13375	1.13375	0.743506	0.908506	-1.10071	0.198179	0.672045	-1.488	0.00511705	0.339279	-2.94743
cg02656169	ANAPC5	0.00923927	0.00479818	0.268558	-3.72359	0.281431	0.674884	-1.48174	0.0430939	0.441531	-2.26485	0.341254	1.41124	1.41124	0.0196001	0.371356	-2.69283
cg12878615	ANAPC5	0.0302363	0.241878	0.895849	-1.11626	0.631801	0.95782	-1.04404	0.205487	0.886853	-1.12758	0.333412	0.914499	-1.0935	0.00228808	0.669138	-1.49446
cg24763467	ANAPC5;ANAPC5	0.00261481	0.00397281	0.449551	-2.22444	0.138352	0.719378	-1.39009	0.0516443	0.633023	-1.57972	0.399496	0.836898	-1.19489	0.0008007	0.351752	-2.84292
cg05709568	ANAPC5;ANAPC5	0.00297325	0.0029617	0.739922	-1.35149	0.100366	1.14216	1.14216	0.0192533	1.23254	1.23254	0.0454669	0.844171	-1.18459	0.0849684	1.15103	1.15103
cg16914667	ANAPC5;ANAPC5	0.041644	0.0145827	1.97415	1.97415	0.0306125	1.77589	1.77589	0.544311	1.14883	1.14883	0.555574	1.1443	1.1443	0.528536	0.865575	-1.1553
cg10508778	ANAPC7;ANAPC7	0.000447054	0.00112108	0.320801	-3.1172	0.00189385	0.352296	-2.83853	0.00730197	0.440513	-2.27008	0.366114	0.802484	-1.24613	0.00017061	0.219947	-4.54655
cg23679478	ANAPC7;ANAPC7	0.00116291	0.0109481	0.282501	-3.53981	0.719782	1.15328	1.15328	0.871831	1.066	1.066	0.115392	0.507841	-1.96912	0.867565	1.0683	1.0683
cg20261142	ANAPC7;ANAPC7	0.0018963	0.101807	1.41321	1.41321	0.000573177	2.79988	2.79988	0.117324	1.38887	1.38887	0.612345	1.10371	1.10371	0.000253235	0.31205	-3.20462
cg00624375	ANAPC7;ANAPC7	0.00492095	0.972529	1.00839	1.00839	0.614334	0.884024	-1.13119	0.325614	1.27922	1.27922	0.0136848	0.47724	-2.09538	0.000118947	0.195294	-5.12049
cg01511682	ANAPC7;ANAPC7	0.00944682	0.251969	0.837772	-1.19364	0.0292424	1.46221	1.46221	0.0188718	1.52298	1.52298	0.286694	0.849049	-1.17779	0.561545	0.916839	-1.0907
cg02728310	ANAPC7;ANAPC7	0.0390125	0.813103	1.05316	1.05316	0.0949319	1.49376	1.49376	0.0753595	1.54178	1.54178	0.0934013	0.667957	-1.4971	0.0863997	0.660847	-1.51321
cg10860002	ANAPC7;ANAPC7	0.0399229	0.0462272	0.766912	-1.30393	0.669496	0.951329	-1.05116	0.0233602	1.37006	1.37006	0.0516548	1.29353	1.29353	0.207705	1.16693	1.16693
cg00968038	ANG;RNASE4	0.000680224	0.356456	0.802849	-1.24556	0.0117319	0.471306	-2.12176	0.149329	1.43376	1.43376	?	?	?	2.99E-05	0.1207	-8.28503
cg01114249	ANG;RNASE4	0.00783312	0.764288	1.05871	1.05871	0.00657506	1.95342	1.95342	0.00556144	1.99568	1.99568	0.665075	0.920689	-1.08614	0.245427	0.794149	-1.25921

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15672146	0.000926546	0.482139	-2.07409	0.0036363	0.559704	-1.78666	0.311472	0.856885	-1.16702	0.649576	0.934756	-1.0698	62.716	21.6102	0.306286	1
cg18389752	0.454435	0.635149	-1.57443	0.00137933	0.0630702	-15.8554	0.339608	1.79732	1.79732	0.761745	1.19859	1.19859	5.37642	30.2156	4.99557	1
cg24690818	0.98906	0.995531	-1.00449	0.282943	0.694592	-1.43969	0.576774	0.831791	-1.20222	0.862839	0.945082	-1.05811	4.73395	7.99987	1.50213	1
cg09912589	0.127287	1.33861	1.33861	0.218023	1.25754	1.25754	0.420874	0.864655	-1.15653	0.00900951	0.555863	-1.799	9.64434	4.77732	0.440311	1
cg23955970	0.271269	1.74527	1.74527	0.199041	1.93453	1.93453	0.885158	0.932139	-1.0728	0.931856	1.04246	1.04246	4.76622	17.8477	3.32855	1
cg23932180	0.00623306	0.190208	-5.25742	0.564019	1.31191	1.31191	0.913869	1.05165	1.05165	0.838921	0.909604	-1.09938	4.52681	15.5355	3.05056	1
cg00489066	0.510185	0.932771	-1.07207	0.000372386	1.80974	1.80974	0.81843	1.02425	1.02425	0.000228417	0.528377	-1.89259	13.3887	2.30163	0.152807	1
cg22623080	0.0118745	0.694418	-1.44005	0.0014058	0.584477	-1.71093	0.125909	0.82506	-1.21203	0.0352749	0.752232	-1.32938	10.0234	2.14063	0.189833	1
cg18993847	0.194749	0.863781	-1.1577	0.000563913	1.76941	1.76941	0.321015	1.11568	1.11568	0.275448	0.885919	-1.12877	9.00399	1.6254	0.160462	1
cg03259212	0.0886867	0.501939	-1.99227	0.000263534	0.110742	-9.02997	0.248889	1.5564	1.5564	0.254393	0.646087	-1.54778	7.49742	15.9972	1.89662	1
cg25325038	0.676041	0.951907	-1.05052	0.00154289	0.586146	-1.70606	0.00226453	0.605926	-1.65037	0.866299	0.980431	-1.01996	7.44306	1.62147	0.193644	1
cg11429960	0.221562	1.48525	1.48525	0.0610543	1.9154	1.9154	0.774218	0.915256	-1.09259	0.375705	0.755858	-1.323	7.43968	11.1689	1.33446	1
cg14498291	0.0286611	1.49461	1.49461	0.00105169	2.12676	2.12676	0.963699	1.00711	1.00711	0.113255	1.30777	1.30777	6.55241	2.51525	0.341214	1
cg05461420	0.345873	0.856483	-1.16757	0.00601302	1.77327	1.77327	0.227531	0.816964	-1.22404	0.712425	0.942629	-1.06086	6.08028	2.45246	0.35853	1
cg19197652	0.563128	0.868432	-1.1515	0.596255	0.87895	-1.13772	0.0535696	1.69727	1.69727	0.707046	1.09539	1.09539	6.00312	5.53655	0.819803	1
cg20493960	0.000715891	0.408769	-2.44637	0.0102204	0.569859	-1.75482	0.736539	0.94304	-1.0604	0.579365	1.10213	1.10213	5.59044	2.6708	0.424662	1
cg23265210	0.0105832	1.88672	1.88672	0.00350685	2.18558	2.18558	0.80265	0.951759	-1.05069	0.984352	1.00388	1.00388	4.95346	3.05853	0.548847	1
cg12532343	0.145896	1.26647	1.26647	0.647433	1.07216	1.07216	0.921039	1.01512	1.01512	0.28024	0.843799	-1.18512	4.87775	1.76877	0.32233	1
cg25371036	0.434509	0.808246	-1.23725	0.0266996	0.496092	-2.01575	0.410282	1.25208	1.25208	0.453986	0.815758	-1.22585	4.8751	5.50338	1.00344	1
cg13195923	0.156527	0.808458	-1.23692	0.0631771	0.745888	-1.34068	0.842848	1.02824	1.02824	0.685576	0.944495	-1.05877	4.06369	1.2668	0.277098	1
cg08416315	0.145715	1.20203	1.20203	0.00104369	1.77129	1.77129	0.548873	0.931037	-1.07407	0.385515	1.1105	1.1105	3.72791	0.819398	0.195379	1
cg12932306	0.151081	0.525531	-1.90284	0.187816	0.557875	-1.79252	0.33807	1.51126	1.51126	0.634971	0.818751	-1.22137	3.5647	9.87114	2.46146	1
cg09671810	0.000235247	0.641339	-1.55924	0.0160473	1.23952	1.23952	0.99617	0.99965	-1.00035	0.863129	1.01265	1.01265	9.06824	0.762384	0.0747306	1
cg17212943	0.365244	0.904755	-1.10527	0.0350563	0.767815	-1.3024	0.14078	1.18584	1.18584	0.00564622	1.47811	1.47811	5.77694	1.05908	0.162959	1
cg09852007	0.00108426	0.220081	-4.54379	0.254019	0.688102	-1.45327	0.601969	0.847765	-1.17957	0.59381	0.844558	-1.18405	4.37972	6.83204	1.3866	1
cg04514308	0.488746	1.26482	1.26482	0.00859747	3.06313	3.06313	0.0954476	1.84384	1.84384	0.210894	0.643824	-1.55322	3.93534	6.95429	1.57079	1
cg09713896	0.818291	1.14326	1.14326	0.00141904	14.6805	14.6805	0.505071	1.48214	1.48214	0.596047	1.36513	1.36513	3.45542	18.5236	4.7651	1
cg16082007	0.11793	1.15475	1.15475	0.00011728	0.564575	-1.77124	0.452905	0.937252	-1.06695	0.643567	1.04028	1.04028	7.33409	0.834289	0.101116	1
cg23523368	0.032862	0.22069	-4.53124	0.000682674	0.0432219	-23.1364	0.0235788	0.194618	-5.13826	0.112841	0.351763	-2.84282	5.75436	33.3999	5.15935	1
cg05499890	0.0689637	0.245762	-4.06898	0.00116346	0.0373068	-26.8048	0.0358211	0.185608	-5.3877	0.0141091	0.123809	-8.07694	5.15614	38.8311	6.69425	1
cg21931680	0.0808697	0.20145	-4.964	0.00248337	0.0307912	-32.4768	0.0626423	0.176568	-5.66353	0.0434075	0.146221	-6.83897	4.11281	44.6254	9.64474	1
cg00177290	0.0304375	1.4812	1.4812	0.306047	0.849023	-1.17782	0.984241	1.00305	1.00305	0.0111084	0.611591	-1.63508	4.34299	1.64058	0.335782	1
cg04347820	0.233673	1.50795	1.50795	0.035668	2.26572	2.26572	0.117649	1.75441	1.75441	0.62489	0.851188	-1.17483	3.73234	6.17212	1.2862	1
cg15447512	1.24E-05	0.0265454	-37.6712	0.175958	0.567379	-1.76249	0.848171	0.927287	-1.07841	0.61194	0.817505	-1.22323	12.3022	30.2253	2.18392	1
cg14254419	0.114568	0.428879	-2.33166	0.00728869	0.181395	-5.51285	0.0230125	0.261532	-3.82362	0.0307873	0.286138	-3.49481	3.90234	15.0389	3.42562	1
cg00171084	0.109469	1.38724	1.38724	0.58329	1.1095	1.1095	0.687756	0.927022	-1.07872	0.181099	1.30514	1.30514	3.75826	2.09395	0.495253	1
cg12871507	0.140904	0.897527	-1.11417	0.620645	1.03464	1.03464	0.00110016	1.38888	1.38888	0.329338	1.07114	1.07114	7.97096	0.588296	0.0656044	1
cg26600917	0.707218	0.945677	-1.05744	0.000119003	0.369184	-2.70867	0.0654778	0.736351	-1.35805	0.943404	1.01057	1.01057	5.81276	2.01734	0.308493	1
cg09414045	0.107326	0.665662	-1.50226	0.000749063	0.305978	-3.2682	0.0263479	1.84021	1.84021	0.859674	1.04182	1.04182	5.67642	4.81992	0.754768	1
cg15111554	0.0320632	1.47496	1.47496	0.000925243	2.15021	2.15021	0.595063	0.920335	-1.08656	0.659293	1.07107	1.07107	5.39163	2.045	0.337148	1
cg22164238	0.169539	0.781201	-1.28008	0.000730524	0.420458	-2.37836	0.40398	0.865805	-1.15499	0.0297873	0.64953	-1.53957	4.46762	2.01467	0.400844	1
cg02988730	0.513828	0.893911	-1.11868	0.0370506	1.50701	1.50701	0.541785	0.900672	-1.11028	0.111108	0.745278	-1.34178	3.68918	1.67637	0.403913	1
cg26363634	0.00857548	0.563546	-1.77448	0.181915	0.784779	-1.27424	0.070963	0.70818	-1.41207	0.0451727	0.674976	-1.48153	3.46797	1.6069	0.41187	1
cg17804651	0.337476	1.12687	1.12687	0.00128939	1.76216	1.76216	0.555907	1.0746	1.0746	0.179137	0.841664	-1.18812	3.43447	0.793605	0.205396	1
cg08035082	0.924222	0.985444	-1.01477	0.870846	0.975234	-1.02539	0.255615	0.832844	-1.20071	0.263703	0.835631	-1.1967	5.44889	2.0499	0.334405	1
cg24435741	0.873778	0.940914	-1.0628	0.00210822	0.190829	-5.24029	0.211027	1.6567	1.6567	0.00380878	0.224274	-4.45883	5.0095	11.6434	2.06601	1
cg16652651	0.841052	0.890344	-1.12316	0.810297	1.14924	1.14924	0.48636	1.50549	1.50549	0.000785514	18.848	18.848	4.61192	24.4384	4.71019	1
cg24921089	0.289393	2.11078	2.11078	0.00222145	18.3825	18.3825	0.145552	2.89106	2.89106	0.0486823	4.61642	4.61642	4.23844	30.9789	6.49692	1
cg13177786	0.984165	1.0215	1.0215	0.429406	2.37427	2.37427	0.255327	3.57156	3.57156	0.0092516	34.4919	34.4919	3.65566	66.5284	16.1767	1
cg02082273	0.0956328	3.0798	3.0798	0.0032606	11.7619	11.7619	0.0436008	4.16091	4.16091	0.042566	4.19923	4.19923	3.61932	21.6464	5.31626	1
cg12685539	0.17192	3.11203	3.11203	0.740091	1.29681	1.29681	0.55017	1.60315	1.60315	0.0251166	8.00254	8.00254	3.47651	33.559	8.5805	1
cg25968076	0.724131	0.920626	-1.08622	0.00852562	2.1889	2.1889	0.855751	1.04338	1.04338	0.460387	0.83912	-1.19172	4.21986	3.64005	0.766754	1
cg21507987	0.613192	1.07444	1.07444	0.629331	1.07091	1.07091	0.125563	0.791754	-1.26302	0.108752	0.781614	-1.2794	3.52389	1.10729	0.27931	1
cg18593305	0.00713557	1.7995	1.7995	0.0264077	1.56066	1.56066	0.638848	1.0832	1.0832	0.418385	1.15006	1.15006	3.42384	1.55018	0.402455	1
cg17289942	0.322577	1.17661	1.17661	0.0056484	1.78258	1.78258	0.314459	0.847406	-1.18007	0.321937	1.17688	1.17688	8.72941	3.50268	0.356667	1
cg05349279	0.0870957	0.748811	-1.33545	0.202442	1.22881	1.22881	0.575725	1.09043	1.09043	0.15137	0.790267	-1.2654	5.58191	2.0725	0.330034	1
cg23092449	0.651793	0.808031	-1.23758	0.00249746	0.139294	-7.17904	0.0571277	0.364257	-2.74531	0.690014	1.20697	1.20697	3.57496	12.4656	3.09948	1
cg00911226	0.796988	1.09516	1.09516	0.703782	0.87398	-1.14419	0.259973	1.51335	1.51335	0.787676	0.909202	-1.09986	3.45238	6.79823	1.75035	1
cg18641056	0.0133405	0.445991	-2.2422	0.597143	1.15084	1.15084	0.8501	0.951385	-1.0511	0.357745	0.779482	-1.2829	8.27158	9.08959	0.976795	1
cg25618118	0.637048	0.905468	-1.1044	0.740643	0.932949	-1.07187	0.520344	1.14585	1.14585	0.68292	0.917766	-1.0896	4.31292	2.98203	0.614595	1
cg07266350	0.842551	0.967376	-1.03372	0.116539	1.32899	1.32899	0.0240819	1.56628	1.56628	0.00293327	0.50588	-1.97676	5.2504	2.31302	0.391592	1
cg21926782	0.25031	1.96588	1.96588	0.00430949	8.56343	8.56343	0.022502	4.65431	4.65431	0.434816	1.56575	1.56575	3.70725	18.589	4.4571	1
cg17536071	0.000567962	0.446499	-2.23965	0.00105678	0.481218	-2.07806	0.00534097	0.574532	-1.74055	1.92E-05	0.269573	-3.70957	61.0799	22.063	0.321081	1
cg25553522	0.0531191	0.659213	-1.51696	0.0417281	0.640741	-1.56069	0.0588536	1.49875	1.49875	0.000274305	0.322983	-3.09614	23.8581	13.5875	0.506235	1
cg05329893	0.079344	0.321129	-3.11402	0.00117828	0.0623042	-16.0503	0.0106287	0.153576	-6.51142	0.0241249	0.208373	-4.79909	6.70131	36.1013	4.78863	1
cg22036057	0.00143141	0.220629	-4.5325	0.120209	0.575541	-1.7375	0.805324	1.0843	1.0843	0.0141618	0.370799	-2.69688	7.87602	13.399	1.51221	1
cg20489317	0.0159972	1.77614	1.77614	0.0187916	1.74109	1.74109	0.245077	0.789119	-1.26724	0.698657	0.927024	-1.07872	5.20969	3.13055	0.534142	1
cg02156692	0.00405114	1.73759	1.73759	0.543356	1.09206	1.09206	0.000326239	2.29661	2.29661	0.388984	0.881274	-1.13472	18.6237	6.04492	0.288518	1
cg15882394	0.000105299	0.251067	-3.983	0.00109978	0.378747	-2.64029	0.587794	1.11674	1.11674	0.125297	0.715536	-1.39755	16.9581	10.9316	0.573002	1
cg05864433	0.381628	0.635359	-1.57391	0.00189683	0.108102	-9.25051	0.00563092	0.159331	-6.27626	0.0253888	0.26103	-3.83098	10.8573	43.9335	3.59686	1
cg05986956	0.172311	1.35249	1.35249	0.00106729	2.7322	2.7322	0.793115	0.946832	-1.05615	0.00317139	2.31126	2.31126	7.4367	5.08858	0.608225	1
cg17081778	0.385753	0.575569	-1.73741	0.651703	1.32617	1.32617	0.5039	1.52403	1.52403	0.301477	1.94462	1.94462	7.42336	45.3747	5.43326	1
cg26603629	0.0203847	1.6178	1.6178	0.0414685	1.49877	1.49877	0.3333	0.842191	-1.18738	0.485445	0.885159	-1.12974	6.74079	3.16196	0.416959	1
cg22237653	0.440277	1.24023	1.24023	0.229528	0.708286	-1.41186	0.0500053	0.542592	-1.843	0.736616	0.911792	-1.09674	6.46255	7.65931	1.0535	1
cg09574997	0.631748	0.892244	-1.12077	0.564776	1.14732	1.14732	0.0141848	0.489441	-2.04315	0.07989	0.632003	-1.58227	6.08744	5.37508	0.784871	1
cg00458156	0.0281723	0.476635	-2.09804	0.031187	0.485365	-2.0603	0.00783179	0.376943	-2.65292	0.0145942	0.423229	-2.36279	5.95452	7.70708	1.15051	1
cg05711251	0.139948	1.2457	1.2457	0.0783668	1.31063	1.31063	0.0556912	1.34977	1.34977	0.0852984	0.768613	-1.30105	5.45844	1.65444	0.269421	1
cg00140786	0.100816	0.699913	-1.42875	0.00536917	2.07058	2.07058	0.0143597	1.82064	1.82064	0.969558	1.0076	1.0076	5.22617	3.26232	0.554869	1
cg14162629	0.0255141	2.03858	2.03858	0.00625817	2.6014	2.6014	0.169474	0.675187	-1.48107	0.153762	1.50655	1.50655	4.96554	5.66355	1.01384	1
cg24418298	0.00669775	1.6885	1.6885	0.00297752	1.8349	1.8349	0.303662	1.17196	1.17196	0.629214	0.930099	-1.07515	4.89	1.71807	0.312306	1
cg14895775	0.405362	0.671874	-1.48837	0.02451	0.286049	-3.4959	0.0153797	0.249233	-4.01231	0.142163	0.478488	-2.08992	4.85165	16.7674	3.07202	1
cg23195753	0.330417	0.789116	-1.26724	0.0214847	0.521322	-1.9182	0.0162143	0.499849	-2.0006	0.41086	1.21935	1.21935	4.54642	4.00446	0.782929	1
cg22124564	0.151161	0.465464	-2.14839	0.0297077	0.280232	-3.56847	0.0359798	0.297369	-3.36283	0.0607449	0.349579	-2.86058	4.49494	17.5945	3.47937	1
cg12529027	0.995635	1.00208	1.00208	0.558066	1.25218	1.25218	0.559001	0.799045	-1.25149	0.510273	0.776038	-1.2886	4.3998	10.0438	2.02914	1
cg01801101	0.165782	0.499811	-2.00075	0.0215597	0.273889	-3.65112	0.0196934	0.266641	-3.75037	0.0164369	0.252669	-3.95775	4.34405	15.1476	3.09954	1
cg12332239	0.0748816	0.714266	-1.40004	4.58E-06	0.167848	-5.95778	0.46112	0.880496	-1.13572	0.0123524	0.589563	-1.69617	19.0009	8.65837	0.40505	1
cg26244401	0.0949068	0.358022	-2.79313	0.443807	1.54798	1.54798	0.870952	1.09526	1.09526	0.875472	0.91597	-1.09174	6.18927	30.7044	4.4097	1
cg03409623	0.779915	1.09926	1.09926	0.000362317	0.14494	-6.8994	0.618644	1.18475	1.18475	0.807903	0.921003	-1.08577	5.53137	9.99835	1.60673	1
cg05609408	0.0142517	0.681656	-1.46702	0.00108393	0.542535	-1.8432	8.84E-06	3.39417	3.39417	0.000424993	0.492864	-2.02896	33.8316	8.61123	0.226251	1
cg02751639	0.687644	1.04873	1.04873	0.00524147	0.648236	-1.54265	0.254405	1.15038	1.15038	0.19075	0.849512	-1.17715	3.88182	0.851977	0.195092	1
cg01940055	0.0400212	0.588272	-1.69989	0.0028596	0.399527	-2.50296	0.00162471	0.364369	-2.74447	0.946911	0.985224	-1.015	10.8951	8.62366	0.703572	1
cg07571180	0.36214	1.49761	1.49761	0.985745	1.00773	1.00773	0.42808	1.41744	1.41744	0.321984	1.55449	1.55449	4.54815	13.3916	2.61726	1
cg10468580	0.745206	1.06681	1.06681	0.0117388	0.535627	-1.86697	0.276758	1.25152	1.25152	0.146199	0.733914	-1.36256	3.88463	2.41992	0.553733	1
cg23402661	0.0079392	1.74393	1.74393	0.000398415	0.398196	-2.51132	0.588101	0.914534	-1.09345	0.843615	0.968245	-1.0328	7.22086	3.05283	0.375803	1
cg01515426	0.915981	1.00767	1.00767	0.00475662	0.762383	-1.31168	0.14247	0.892168	-1.12087	0.000656581	1.45912	1.45912	6.27777	0.52077	0.0737374	1
cg08217660	0.0733681	0.405153	-2.4682	0.0233401	0.289288	-3.45676	0.381476	1.49314	1.49314	0.151066	1.99745	1.99745	4.18814	12.8515	2.38666	1
cg18342939	0.000444196	0.153846	-6.50002	0.0717793	0.507257	-1.97139	0.00812633	0.318511	-3.13961	0.000510036	0.159972	-6.25108	9.61744	17.3649	1.60494	1
cg15484384	0.0189405	0.263928	-3.78891	0.237595	0.559936	-1.78592	0.00899194	0.210754	-4.74488	0.00795799	0.202944	-4.92747	5.99759	20.8712	3.09326	1
cg19115656	0.169111	1.17887	1.17887	0.519112	1.07617	1.07617	0.481709	0.922818	-1.08364	0.357385	1.11217	1.11217	4.93594	0.986283	0.177615	1
cg18126883	0.0245193	0.700891	-1.42676	0.0015856	0.547981	-1.82488	0.0184211	1.4613	1.4613	0.0686616	1.31042	1.31042	6.05402	1.68739	0.247753	1
cg14513222	0.000521214	0.444817	-2.24812	0.0333024	0.689012	-1.45135	0.600243	0.923875	-1.0824	0.0321323	0.686716	-1.45621	8.25455	2.93124	0.31565	1
cg13953629	0.000211541	0.269595	-3.70927	0.00153619	0.381057	-2.62428	0.066924	0.647427	-1.54458	0.457323	0.851957	-1.17377	7.63903	5.42086	0.630779	1
cg14604065	0.00123009	0.19269	-5.18968	0.000299589	0.128814	-7.76315	0.580619	0.823311	-1.21461	0.129251	0.564894	-1.77024	7.63721	14.6825	1.70889	1
cg13667160	0.800697	0.967067	-1.03405	0.00218219	1.76662	1.76662	0.432574	0.899402	-1.11185	0.197153	0.834857	-1.19781	6.2708	1.74052	0.246719	1
cg13963311	0.0786726	0.428332	-2.33464	0.00231909	0.157705	-6.34097	0.100667	0.45811	-2.18288	0.405018	0.690819	-1.44756	4.80882	14.3546	2.65338	1
cg13523144	0.0797683	1.6169	1.6169	0.361635	1.2608	1.2608	0.180556	0.703708	-1.42104	0.906844	1.02935	1.02935	4.40676	4.26268	0.859827	1
cg03231329	0.223555	1.23239	1.23239	0.409637	1.14773	1.14773	0.0784953	0.726624	-1.37623	0.230893	0.814355	-1.22797	3.89042	1.64513	0.375881	1
cg03804500	0.0134047	0.338728	-2.95222	0.3108	0.690238	-1.44877	0.00694751	0.290934	-3.43721	0.00392988	0.253656	-3.94234	8.87693	17.5694	1.75931	1
cg14189495	0.0437822	0.523491	-1.91025	0.000342508	0.199844	-5.00392	0.0398868	0.515095	-1.94139	0.0415102	0.518674	-1.92799	5.72834	7.07623	1.09804	1
cg17276082	0.717928	0.970981	-1.02989	0.551218	0.952234	-1.05016	0.542955	1.05126	1.05126	0.177222	1.12347	1.12347	5.18171	0.540819	0.092774	1
cg13918811	0.0465303	0.642631	-1.5561	0.0157856	0.563454	-1.77477	0.0151727	0.560696	-1.7835	0.13046	0.72848	-1.37272	12.0937	7.20606	0.529646	1
cg02678013	0.0255905	0.515519	-1.93979	0.0205766	0.498153	-2.00742	0.555832	1.16049	1.16049	0.846211	1.04971	1.04971	3.88068	3.8358	0.878609	1
cg15417488	0.0262845	0.270276	-3.69991	0.000547709	0.069577	-14.3726	0.065579	0.358488	-2.7895	0.0111033	0.205847	-4.85798	11.641	45.435	3.46934	1
cg24987293	0.000159031	0.151583	-6.59707	0.00131708	0.255134	-3.91951	0.432763	1.26358	1.26358	0.0158928	0.42187	-2.3704	9.20716	12.4534	1.20229	1
cg02656169	0.0496522	0.455387	-2.19594	0.00482568	0.268928	-3.71847	0.855776	1.06599	1.06599	0.00251533	0.229048	-4.3659	6.06164	11.8451	1.73699	1
cg12878615	0.0519359	0.817733	-1.22289	0.131594	1.15819	1.15819	0.138432	1.15472	1.15472	0.394042	1.08126	1.08126	4.48672	0.552992	0.0958618	1
cg24763467	0.400038	0.837078	-1.19463	0.000162184	0.264763	-3.77696	0.676498	0.917022	-1.09049	0.0116399	0.521536	-1.91741	8.91334	6.01594	0.599944	1
cg05709568	0.0128337	1.25633	1.25633	0.00405981	1.3296	1.3296	0.0291535	1.20904	1.20904	0.0418246	1.18914	1.18914	8.58093	0.74104	0.0767635	1
cg16914667	0.106879	1.48882	1.48882	0.0286219	0.557776	-1.79284	0.204053	0.738563	-1.35398	0.722007	0.922408	-1.08412	3.62875	2.93771	0.719613	1
cg10508778	0.015514	0.494841	-2.02085	0.000127524	0.206087	-4.85232	0.00124161	0.326818	-3.05981	0.000624425	0.2874	-3.47947	14.7405	13.1108	0.790617	1
cg23679478	?	?	?	1.96E-05	0.0325119	-30.758	0.429108	0.72648	-1.3765	0.916872	1.0422	1.0422	11.5377	25.4544	2.2062	1
cg20261142	0.55883	1.12093	1.12093	0.148585	1.34878	1.34878	0.744029	0.938689	-1.06532	0.262698	0.798113	-1.25295	9.79247	5.78344	0.524978	1
cg00624375	0.0212968	0.510951	-1.95713	0.255294	0.749657	-1.33394	0.621264	1.12843	1.12843	0.19351	0.716193	-1.39627	7.37437	6.87463	0.828651	1
cg01511682	0.83408	0.969451	-1.03151	0.000565962	0.453781	-2.2037	0.920521	1.01487	1.01487	0.993149	0.998731	-1.00127	6.01895	2.08549	0.30799	1
cg02728310	0.240075	1.30864	1.30864	0.00788132	0.474545	-2.10728	0.375104	1.22026	1.22026	0.880859	1.03334	1.03334	3.71714	2.81512	0.673186	1
cg10860002	0.0794005	1.25392	1.25392	0.930027	0.989846	-1.01026	0.0772213	1.25645	1.25645	0.0309591	1.34227	1.34227	3.68575	0.788244	0.1901	1
cg00968038	0.00474586	0.404344	-2.47314	0.037284	1.76926	1.76926	0.622117	1.12149	1.12149	0.186775	0.722151	-1.38475	16.5122	12.0935	0.640846	1
cg01114249	0.0560867	0.663327	-1.50755	0.00510149	0.495537	-2.01801	0.129284	1.36473	1.36473	0.714054	0.932564	-1.07231	6.36834	3.64035	0.506686	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1129 vs. N)	Fold-Change(1129 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg18224965	ANG;RNASE4	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	17.0833	0	1
cg16154578	ANG;RNASE4;ANG;RNASE4	3.94E-05	6.86E-05	0.70483	-1.41878	0.02226604	1.22781	1.22781	7.85E-06	0.62459	-1.60104	0.00800289	0.849602	-1.17702	0.389806	0.958459	-1.04334	0.236509	0.942142	-1.06141	0.00599736	1.28969	0.0518658	1.11216	1.11216	0.0382203	1.12234	1.12234	38.3562	1.0369	0.0325039	1
cg02142657	ANGEL1	0.000118004	0.160942	1.43403	1.43403	0.146562	1.45519	1.45519	0.0953842	1.55437	1.55437	0.0502859	1.71124	1.71124	0.39661	1.23242	1.23242	0.630429	1.12379	1.12379	1.54E-06	0.0536688	-1.68261	0.380505	0.805285	-1.2418	0.692576	0.908769	-1.10039	21.1802	19.4413	0.815912	1
cg04852821	ANGEL1	0.000583096	0.00197807	0.403376	-2.47938	0.0195721	0.556536	-1.79825	0.00785351	0.492193	-2.03114	0.679947	0.937436	-1.08999	0.913278	0.977634	-1.02289	0.686158	0.919075	-1.08801	2.82E-05	0.1806048	-5.53684	0.0371389	1.65313	1.65313	0.00275881	0.424067	-2.35812	13.6925	9.35824	0.607516	1
cg26044428	ANGEL1	0.000862312	0.117855	1.72971	1.72971	0.115955	1.73563	1.73563	0.0758413	0.527261	-1.8966	0.0831825	0.537505	-1.80645	?	?	?	0.987231	1.00511	1.00511	2.00E-05	0.0448322	-22.3054	0.250131	0.680146	-1.47027	0.398115	0.758355	-1.31868	15.3318	21.4431	1.22378	1
cg22009942	ANGEL1	0.00319977	0.00112521	0.47545	-2.10327	0.31113	0.850021	-1.17644	0.0949916	0.752344	-1.32918	0.681353	1.06612	-1.06612	0.00364781	0.543479	-1.84	0.288323	1.88732	1.88732	0.0210367	1.53361	1.53361	0.013628	1.60514	1.60514	0.0718238	0.732236	-1.36568	8.2891	3.1663	0.338504	1
cg05327971	ANGEL1	0.0165448	?	?	?	0.00310568	0.157114	-6.36481	0.419947	1.36738	1.36738	0.920391	1.03869	1.03869	0.490548	1.30463	1.30463	?	?	?	0.619236	1.20952	1.20952	0.0385669	2.48415	2.48415	0.933646	1.03212	1.03212	5.22645	9.28282	2.02985	1
cg05349242	ANGEL1	0.0359462	0.0350228	0.692187	-1.4447	0.0374551	0.638203	-1.56734	0.147865	0.795573	-1.25675	0.669427	1.06055	-1.06055	0.07490868	0.742971	-1.34595	0.209247	0.851173	-1.17485	0.00680364	0.594413	-1.69081	0.364929	1.14963	1.14963	0.0511305	0.716096	-1.39471	3.82091	1.36076	0.915821	1
cg09367046	ANGEL1	0.0374515	0.393538	0.813645	1.22904	0.0617103	1.64304	1.64304	0.146303	1.4448	1.4448	0.2375505	0.89058	1.89058	0.0342985	0.732402	-1.37325	0.112196	1.50396	1.50396	0.145567	1.44561	1.44561	0.0360883	0.562593	-1.77748	0.507558	1.17191	1.17191	3.7313	3.3273	0.783859	1
cg26365066	ANGEL1	0.0424403	0.419825	0.799855	-1.25023	0.222518	0.706567	-1.41529	0.203694	1.43835	1.43835	0.0592687	0.5616	-1.78063	0.0397672	1.9043	1.9043	0.699721	0.900316	-1.11072	0.0120969	2.33418	2.33418	0.230817	1.40577	1.40577	0.105712	1.61418	1.61418	1.60336	4.18959	1.0335	1
cg14630958	ANGEL2	0.0122782	0.0115236	0.6855	-1.45837	0.0484844	0.0131	1.77161	0.0429325	0.849982	-1.1765	0.8202101	1.04692	-1.04692	0.00457739	0.467486	-2.1393	0.55757	1.887396	-1.12689	0.00493502	2.11701	2.11701	0.0540021	1.16606	1.16606	0.0729473	0.668397	-1.49612	4.43355	2.84877	0.573154	1
cg05364211	ANGEL2	0.0276773	0.966178	1.00597	1.00597	0.188868	0.822605	-1.21565	0.953771	0.99189	-1.00818	0.9989221	1.2092	1.2092	0.00333699	0.57098	-1.75138	0.650624	0.938042	-1.06605	0.0124845	1.65481	1.65481	0.0248645	0.725817	-1.37776	0.945667	1.00961	1.00961	0.00623725	0.606477	2.40281	1.31058	0.277048	1
cg04795350	ANGEL2	0.0441732	0.969915	1.00496	-1.00327	0.0226584	1.25507	1.25507	0.00509522	1.57804	1.37804	0.492092	0.941472	-1.06217	0.0183765	0.601553	-1.66311	0.980251	1.02014	1.02014	0.468719	0.938265	-1.0658	0.760965	0.973971	-1.02672	0.633158	0.959288	-1.04244	5.55026	0.420093	0.105186	1
cg17204499	ANGEL2;ANGEL2	0.0388264	0.0100711	0.0764435	-13.0819	0.903026	-1.08509	1.08509	?	?	?	?	?	?	0.590286	0.692651	-1.44373	0.764079	0.816701	-1.22444	0.0113634	0.0825832	-12.109	0.0134853	0.0919313	-10.8777	0.621524	0.714715	-1.39916	5.53569	28.2116	3.64023	1
cg01660999	ANGPT1	2.06E-05	0.609468	0.914736	-1.09325	0.122082	0.680753	-1.46905	0.0127636	0.491265	-2.03556	0.00322137	0.397148	-2.51796	3.07E-06	0.078219	-12.7946	3.04E-05	0.15372	-6.50312	7.76E-06	0.105016	-9.52337	0.0110696	0.480977	-2.0791	2.74E-05	0.14961	-6.68405	33.6144	28.098	0.743015	1
cg18035196	ANGPT1	0.000119034	0.00167451	0.593473	-1.68501	0.0030629	0.369581	-2.70576	6.10E-05	0.16261	-6.14968	0.0128485	0.468436	-2.13477	1.95E-05	0.144786	-6.90676	0.069075	0.6606963	-1.64755	2.21E-05	0.123564	-8.09298	0.942325	1.01792	1.01792	0.0028977	0.366029	-2.73202	11.3108	21.6529	0.848173	1
cg27616227	ANGPT1	0.00109492	0.018394	0.396861	-2.51977	0.0432006	0.471674	-2.12011	0.000881327	0.199742	-5.00646	0.043781	0.472939	-2.11444	0.000573411	0.178615	-5.59863	0.623057	0.852086	-1.17359	0.000263333	0.144094	-6.93991	0.158056	1.62844	1.62844	0.00291983	0.266812	-3.74796	11.4674	18.9594	1.46963	1
cg00396217	ANGPT1	0.00139342	0.0788049	0.609692	-1.64021	0.0153758	0.0965227	-3.5019	0.000145363	0.088555	-11.2883	0.0013466	0.188554	-5.30237	0.000155445	0.0788979	-12.6825	0.114313	0.647814	-1.54365	0.000682913	0.269399	-3.71196	0.225017	1.3794	1.3794	0.0206444	0.494337	-2.02291	10.704	8.899437	1
cg14594966	ANGPT1	0.00406065	0.107686	0.819921	-1.21963	0.00532934	0.514648	1.51468	0.449743	0.916577	-1.09102	0.0429026	0.768332	-1.30152	0.0341491	0.7561	-1.32258	0.342614	1.16693	1.16693	0.0066632	0.1930727	1.80237	0.692622	0.95606	-1.04596	0.137424	0.804486	-1.19834	0.5836	0.180076	1
cg13566150	ANGPT1	0.00428869	0.166134	0.708368	-1.28231	0.0047836	0.406306	1.77209	0.462858	0.897067	1.11474	0.744103	0.953335	-1.05115	0.0417382	1.42976	1.42976	0.582607	0.938935	-1.06522	0.0602652	1.62088	2.22988	0.104931	1.30984	1.30984	0.0316068	1.46754	1.46754	7.68896	2.92506	0.326594	1
cg25116615	ANGPT1	0.00915536	0.0374889	1.92075	1.92075	0.335853	1.30778	1.30778	0.685465	1.11639	1.11639	0.0939626	1.64535	1.64535	0.425609	0.802528	1.24606	0.154797	1.66249	1.50946	0.00496067	4.36649	4.36649	0.0169946	2.1968	2.1968	0.324037	0.75927	-1.31705	6.07925	7.03937	1.02927	1
cg02536838	ANGPT1	0.0126299	0.245844	0.727718	-1.37416	0.00883056	0.417701	-2.39405	0.000843332	0.268578	-3.72331	0.88419	1.03753	1.03753	0.0824361	0.604251	-1.65494	0.49743	1.1977	1.1977	0.0136359	0.449726	-2.22343	0.735917	0.915171	-1.09269	0.0487154	0.554589	-1.80314	5.48155	5.95344	0.965412	1
cg24830735	ANGPT1	0.0138147	0.0475953	1.64032	1.64032	0.162104	0.410636	-1.42535	?	?	?	?	?	?	0.244013	0.408815	-2.44757	0.003310092	0.913239	-8.98963	0.0110295	0.244043	-2.03909	0.0181398	0.4883	0.4883	0.0114628	1.73176	1.73176	6.22913	20.4588	3.28438	1
cg23248351	ANGPT1	0.0148264	0.026721	0.747926	-1.33703	0.0446068	0.129051	1.29051	0.281801	0.883597	-1.13174	0.186118	0.856334	-1.16777	0.0060114	0.672222	-1.4876	0.051	0.781977	-1.27881	0.309339	1.12345	1.12345	0.0168896	0.724389	-1.38047	0.0343668	0.761039	-1.31399	5.20068	1.0083	0.172337	1
cg09443479	ANGPT1	0.0342739	0.0159097	0.74757	-1.33713	0.0360953	0.823201	-1.21183	0.0405457	0.63237	-1.63069	0.6754521	1.08102	1.08102	0.0149147	0.64071	-1.56061	0.038664	1.6259	1.6259	0.0128564	0.6159	1.6259	0.0128564	0.615	0.615	0.0078407	1.33073	1.33073	0.7577	1.00611	0.188638	2.64117	0.602535	1
cg01446971	ANGPT1	0.0390871	0.352359	0.786713	-1.27111	0.259783	1.34267	1.34267	0.0808062	1.62472	1.62472	0.0724822	0.605102	-1.65261	0.0200329	0.494884	-2.02068	0.394206	0.803532	-1.24452	0.159146	1.45816	1.45816	0.0491684	1.75567	1.75567	0.152087	0.680736	-1.469	3.71454	3.69632	0.884553	1
cg24202249	ANGPT1	0.0404453	0.259321	0.764858	-1.30743	0.015201	0.507013	-1.97233	0.00530861	0.43306	-2.30915	0.326041	0.793747	-1.25985	0.459435	0.84233	-1.18718	0.17749	0.721466	-1.38607	0.0824227	1.54998	1.54998	0.771756	1.0685	1.0685	0.120865	0.68169	-1.46694	3.66814	3.0146	0.730519	1
cg01745019	ANGPT1	0.0445012	0.0648405	1.55105	-1.55105	0.0148758	0.154675	1.54607	0.0107057	0.31641	-3.16021	0.0319707	0.31532	-3.17211	0.0115013	0.766473	-1.30458	0.060689	0.647307	-1.54501	0.0064916	1.55437	1.55437	0.0064916	1.3975	1.3975	0.0064916	0.356474	-2.80313	0.0605786	0.551916	-1.81187	0.0583234	0.548271	-1.82391	3.54426	4.62447	1.1109	1
cg03245734	ANGPT1;ANGPT1	0.00243104	0.0004166	0.0905331	-11.0458	0.0259354	0.321587	-3.10958	0.0126629	0.264534	-3.78023	0.0281101	0.328931	-3.04015	0.0058738	0.212871	-4.69769	0.005478	2.02861	-4.79364	0.0081891	0.114848	-8.70719	0.698871	0.846365	-1.18152	0.00490219	0.201947	4.9518	9.10665	26.557	2.5922	1
cg03631656	ANGPT2;ANGPT1;ANGPT2;ANGPT2;AN GPT2;AN GPT2;MCPH1	0.0142169	0.0632688	0.466426	-2.14396	0.0314031	0.397865	-2.51341	0.0135029	0.327463	-3.05378	0.310778	0.681877	-1.46654	0.0257298	0.380175	-2.63037	0.01741194	0.34751	-2.87762	0.00467773	0.2533171	-3.94678	0.00581118	0.267408	-3.7396	0.457277	1.31836	1.31836	5.27315	11.1332	1.8767	1
cg02606480	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00112453	0.830237	1.06901	1.06901	0.304701	0.718597	-1.3916	0.0564978	0.95673	-1.19653	0.405412	0.767481	-1.30296	1.59E-05	0.062783	-15.9279	0.820661	0.931842	-1.07314	0.578993	1.19035	1.19035	0.043473	0.485844	-2.05827	0.54885	1.20754	1.20754	11.3806	17.4213	1.3607	1
cg10395101	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00276296	0.0147663	0.490243	-2.04083	0.182371	0.0540906	-2.47026	0.0135029	0.240206	-4.16164	0.0110913	0.477917	-2.09416	0.0173655	0.51051	-1.95882	0.0902299	0.4208	-2.37604	0.0110304	0.327457	-3.05383	0.0381252	0.950159	-1.05301	0.104697	-9.56045	0.748158	0.734848	2.2625	0.736953	1
cg17506531	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00971333	0.0384289	0.681088	-1.46824	0.0296985	1.50647	1.50647	0.214896	0.811356	-1.2325	0.419212	0.876199	-1.14129	0.00197397	0.49656	-2.01385	0.00475292	0.548621	-1.82275	0.138031	0.774361	-1.29139	0.304242	1.18575	1.18575	0.201582	0.805786	-1.24102	5.9658	2.42254	0.360953	1
cg04539188	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00345258	0.0145659	0.543769	-1.83893	0.0028113	0.307962	-3.24715	0.660647	1.13066	1.13066	0.105474	0.658377	1.51877	0.0024489	0.176529	-5.6479	0.062153	0.709352	-1.40955	0.0018926	0.4407	-2.26934	0.0157357	0.640783	-1.56067	0.0021453	0.471489	-2.12234	5.88765	2.09187	0.355234	1
cg01558846	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0156136	0.0892742	1.310558	-3.22001	0.0625189	0.270299	-3.69961	0.00889002	0.125213	-7.98637	0.0201048	0.17378	-5.75494	0.00435243	0.0918646	-10.8856	0.340043	1.541662	-1.84617	0.00598069	0.106203	-9.41597	0.0153888	0.156306	-6.39769	0.0254362	0.190598	-5.24663	5.11234	51.5355	5.48312	1
cg02490392	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.016056	0.613723	0.805312	-1.24175	0.0101595	0.251808	-3.97129	0.0457929	0.377562	-2.64857	0.500664	0.747672	-1.33748	0.983139	1.00903	1.00903	0.116302	0.483833	-2.06683	0.0389334	0.3617131	-2.76462	0.037471	0.358068	-2.79276	0.00615591	0.47338	4.57338	5.06511	14.5173	2.54768	1
cg19438658	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.02551	0.0011552	0.454669	-2.19851	0.0178266	0.0387975	-2.5553	0.0134594	0.181536	-5.50856	0.00726378	0.0923564	-3.50721	0.0015848	0.0459253	-21.7545	0.0010839	0.2452	-4.07805	0.0018926	0.1722314	-5.80603	0.0046162	0.260187	-3.84427	0.0021453	0.289182	0.82887	30.755	4.64375	1
cg10704090	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0201857	0.014506	0.589193	-1.69724	0.105971	0.16363	1.16363	0.0390238	0.657288	-1.5214	0.0609891	0.690103	-1.44906	0.0023307	0.474158	2.109	0.388033	0.850072	-1.16813	0.0157898	0.683423	-1.46322	0.160161	0.768295	-1.30158	0.429291	0.867858	-1.15226	6.68981	2.29169	0.434358	1
cg04017131	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0138147	0.363306	0.837883	-1.19403	0.0475931	0.227197	-4.40188	0.0144103	0.145315	?	?	?	?	0.244013	0.408815	-2.44757	0.003310092	0.913239	-8.98963	0.0110295	0.244043	-2.03909	0.0181398	0.4883	0.4883	0.0114628	1.73176	1.73176	6.22913	20.4588	3.28438	1
cg23248351	ANGPT1	0.0148264	0.026721	0.747926	-1.33703	0.0446068	0.129051	1.29051	0.281801	0.883597	-1.13174	0.186118	0.856334	-1.16777	0.0060114	0.672222	-1.4876	0.051	0.781977	-1.27881	0.309339	1.12345	1.12345	0.0168896	0.724389	-1.38047	0.0343668	0.761039	-1.31399	5.20068	1.0083	0.172337	1
cg09443479	ANGPT1	0.0342739	0.0159097	0.74757	-1.33713	0.0360953	0.823201	-1.21183	0.0405457	0.63237	-1.63069	0.6754521	1.08102	1.08102	0.0149147	0.64071	-1.56061	0.038664	1.6259	1.6259	0.0128564	0.6159	1.6259	0.0128564	0.615	0.615	0.0078407	1.33073	1.33073	0.7577	1.00611	0.188638	2.64117	0.602535	1
cg01446971	ANGPT1	0.0390871	0.352359	0.786713	-1.27111	0.259783	1.34267	1.34267	0.0808062	1.62472	1.62472	0.0724822	0.605102	-1.65261	0.0200329	0.494884	-2.02068	0.394206	0.803532	-1.24452	0.159146	1.45816	1.45816	0.0491684	1.75567	1.75567	0.152087	0.680736	-1.469	3.71454	3.69632	0.884553	1
cg22402249	ANGPT1	0.0404453	0.259321	0.764858	-1.30743	0.015201	0.507013	-1.97233	0.00530861	0.43306	-2.30915	0.326041	0.793747	-1.25985	0.459435	0.84233	-1.18718	0.17749	0.721466	-1.38607	0.0824227	1.54998	1.54998	0.771756	1.0685	1.0685	0.120865	0.68169	-1.46694	3.66814	3.0146	0.730519	1
cg01745019	ANGPT1	0.0445012	0.0648405	1.55105	-1.55105	0.0148758	0.154675	1.54607	0.0107057	0.31641	-3.16021	0.0319707	0.31532	-3.17211	0.0115013	0.766473	-1.30458	0.060689	0.647307	-1.54501	0.0064916	1.55437	1.55437	0.0064916	1.3975	1.3975	0.0064916	0.356474	-2.80313	0.0605786	0.551916	-1.81187	0.0583234	0.548271	-1.82391	3.54426	4.62447	1.1109	1
cg03245734	ANGPT1;ANGPT1	0.00243104	0.0004166	0.0905331	-11.0458	0.0259354	0.321587	-3.10958	0.0126629	0.264534	-3.78023	0.0281101	0.328931	-3.04015	0.0058738	0.212871	-4.69769	0.005478	2.02861	-4.79364	0.0081891	0.114848	-8.70719	0.698871	0.846365	-1.18152	0.00490219	0.201947	4.9518	9.10665	26.557	2.5922	1
cg03631656	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0142169	0.0632688	0.466426	-2.14396	0.0314031	0.397865	-2.51341	0.0135029	0.327463	-3.05378	0.310778	0.681877	-1.46654	0.0257298	0.380175	-2.63037	0.01741194	0.34751	-2.87762	0.00467773	0.2533171	-3.94678	0.00581118	0.267408	-3.7396	0.457277	1.31836	1.31836	5.27315	11.1332	1.8767	1
cg02606480	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00112453	0.830237	1.06901	1.06901	0.304701	0.718597	-1.3916	0.0564978	0.95673	-1.19653	0.405412	0.767481	-1.30296	1.59E-05	0.062783	-15.9279	0.820661	0.931842	-1.07314	0.578993	1.19035	1.19035	0.043473	0.485844	-2.05827	0.54885	1.20754	1.20754	11.3806	17.4213	1.3607	1
cg10395101	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00276296	0.0147663	0.490243	-2.04083	0.182371	0.0540906	-2.47026	0.0135029	0.240206	-4.16164	0.0110913	0.477917	-2.09416	0.0173655	0.51051	-1.95882	0.0902299	0.4208	-2.37604	0.0110304	0.327457	-3.05383	0.0381252	0.950159	-1.05301	0.104697	-9.56045	0.748158	0.734848	2.2625	0.736953	1
cg17506531	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00971333	0.0384289	0.681088	-1.46824	0.0296985	1.50647	1.50647	0.214896	0.811356	-1.2325	0.419212	0.876199	-1.14129	0.00197397	0.49656	-2.01385	0.00475292	0.548621	-1.82275	0.138031	0.774361	-1.29139	0.304242	1.18575	1.18575	0.201582	0.805786	-1.24102	5.9658	2.42254	0.360953	1
cg04539188	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.00345258	0.0145659	0.543769	-1.83893	0.0028113	0.307962	-3.24715	0.660647	1.13066	1.13066	0.105474	0.658377	1.51877	0.0024489	0.176529	-5.6479	0.062153	0.709352	-1.40955	0.0018926	0.4407	-2.26934	0.0157357	0.640783	-1.56067	0.0021453	0.471489	-2.12234	5.88765	2.09187	0.355234	1
cg01558846	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0156136	0.0892742	1.310558	-3.22001	0.0625189	0.270299	-3.69961	0.00889002	0.125213	-7.98637	0.0201048	0.17378	-5.75494	0.00435243	0.0918646	-10.8856	0.340043	1.541662	-1.84617	0.00598069	0.106203	-9.41597	0.0153888	0.156306	-6.39769	0.0254362	0.190598	-5.24663	5.11234	51.5355	5.48312	1
cg02490392	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.016056	0.613723	0.805312	-1.24175	0.0101595	0.251808	-3.97129	0.0457929	0.377562	-2.64857	0.500664	0.747672	-1.33748	0.983139	1.00903	1.00903	0.116302	0.483833	-2.06683	0.0389334	0.3617131	-2.76462	0.037471	0.358068	-2.79276	0.00615591	0.47338	4.57338	5.06511	14.5173	2.54768	1
cg19438658	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.02551	0.0011552	0.454669	-2.19851	0.0178266	0.0387975	-2.5553	0.0134594	0.181536	-5.50856	0.00726378	0.0923564	-3.50721	0.0015848	0.0459253	-21.7545	0.0010839	0.2452	-4.07805	0.0018926	0.1722314	-5.80603	0.0046162	0.260187	-3.84427	0.0021453	0.289182	0.82887	30.755	4.64375	1
cg10704090	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0201857	0.014506	0.589193	-1.69724	0.105971	0.16363	1.16363	0.0390238	0.657288	-1.5214	0.0609891	0.690103	-1.44906	0.0023307	0.474158	2.109	0.388033	0.850072	-1.16813	0.0157898	0.683423	-1.46322	0.160161	0.768295	-1.30158	0.429291	0.867858	-1.15226	6.68981	2.29169	0.434358	1
cg04017131	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0138147	0.363306	0.837883	-1.19403	0.0475931	0.227197	-4.40188	0.0144103	0.145315	?	?	?	?	0.244013	0.408815	-2.44757	0.003310092	0.913239	-8.98963	0.0110295	0.244043	-2.03909	0.0181398	0.4883	0.4883	0.0114628	1.73176	1.73176	6.22913	20.4588	3.28438	1
cg03196683	ANGPT4	0.0019244	0.00115754	0.363064	-2.75434	0.233842	-1.21601	1.21601	0.730558	1.05567	1.05567	0.396148	1.14587	1.14587	0.363874	1.15745	1.15745	0.00153986	2.04204	2.04204	0.0493004	1.42134	1.42134	0.103407	1.32195	1.32195	0.123507	1.29878	1.29878	9.72424	3.78166	0.34568	1
cg19438658	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.02551	0.0011552	0.454669	-2.19851	0.0178266	0.0387975	-2.5553	0.0134594	0.181536	-5.50856	0.00726378	0.0923564	-3.50721	0.0015848	0.0459253	-21.7545	0.0010839	0.2452	-4.07805	0.0018926	0.1722314	-5.80603	0.0046162	0.260187	-3.84427	0.0021453	0.289182	0.82887	30.755	4.64375	1
cg10704090	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0201857	0.014506	0.589193	-1.69724	0.105971	0.16363	1.16363	0.0390238	0.657288	-1.5214	0.0609891	0.690103	-1.44906	0.0023307	0.474158	2.109	0.388033	0.850072	-1.16813	0.0157898	0.683423	-1.46322	0.160161	0.768295	-1.30158	0.429291	0.867858	-1.15226	6.68981	2.29169	0.434358	1
cg03196683	ANGPT4	0.0019244	0.00115754	0.363064	-2.75434	0.233842	-1.21601	1.21601	0.730558	1.05567	1.05567	0.396148	1.14587	1.14587	0.363874	1.15745	1.15745	0.00153986	2.04204	2.04204	0.0493004	1.42134	1.42134	0.103407	1.32195	1.32195	0.123507	1.29878	1.29878	9.72424	3.78166	0.34568	1
cg17130481	ANGPT4	0.0195514	0.0648436	1.49293	-1.49293	0.0131101	1.31669	1.31669	0.0819707	0.63242	-1.58179	0.0966356	0.800742	-1.24898	0.0196745	0.696418	-1.4359	0.131016	0.841264	-1.18881	0.0496106	0.740105	1.37798	0.0504101	0.548055	1.82485	0.0973573	0.681274	-1.01701	5.68408	1.04208	0.142355	0.821562	1
cg12161893	ANGPT2;ANGPT4	0.0234568	0.00405575	0.594963	-1.68078	0.0551649	0.74635	-1.33985	0.305075	0.866823	-1.15364	0.0449401	1.363	1.363	0.0164475	0.674027	-1.48362	0.063791	0.755476	-1.32367	0.615864	1.06

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	Ratio(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1247 vs. N)	Fold-Change(1247 vs. N)	Ratio(1271 vs. N)	Fold-Change(1271 vs. N)	Ratio(1321 vs. N)	Fold-Change(1321 vs. N)	Ratio(3477 vs. N)	Fold-Change(3477 vs. N)	Ratio(3537 vs. N)	Fold-Change(3537 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg00052932	ANKAR	4.21E-05	0.00158436	0.383912	-2.6184	-6.03195621	1.53116	2.53116	0.01788882	0.542869	-1.84207	0.521333	1.34794	1.34794	0.4718627	0.656675	1.1679	1.1679	0.4136191	1.19408	1.19408	6.21E-05	5.54329	8.54329	4.37E-05	5.192868	-5.1849	0.782837	0.043041	-1.0604	27.8566	19.8772	0.63427	1
cg26102065	ANKAR	0.0038924	0.388387	0.527049	-1.89736	0.122999	3.35546	3.35546	0.185398	0.361521	-2.76609	0.980326	0.982294	-1.01803	0.729292	1.2862	1.2862	1.2862	0.1201199	3.39139	3.39139	8.57E-05	165.76	165.76	0.8064003	0.837036	-1.19469	0.0153412	8.63622	8.636622	7.97125	65.8164	7.38936	1
cg10453823	ANKAR	0.00782697	0.756727	0.784684	-1.2744	0.195805	2.90805	2.90805	0.145774	0.295624	-3.38268	0.727572	0.761171	-1.31377	0.923378	1.07796	1.07796	1.07796	0.0843563	4.43648	4.43648	0.000143266	166.378	166.378	0.8331165	0.848235	-1.17892	0.2109301	2.79719	2.797119	6.38792	61.6021	8.57203	1
cg04003228	ANKAR	0.0237736	0.450035	0.458089	-2.18208	0.161298	4.5601	4.5601	0.1925	0.246826	-4.05144	0.83695	0.813386	-1.23246	0.737138	1.40731	1.40731	1.40731	0.0361437	11.8402	11.8402	0.00137137	111.039	111.039	0.879977	1.160563	1.16563	0.0355938	11.9553	11.95533	4.43392	72.2445	14.4832	1
cg12918604	ANKAR	0.0388865	0.0835578	0.703995	-1.42046	0.366809	0.84375	-1.18519	0.2339714	0.79803	-1.25309	0.27122	1.23328	1.23328	0.231224	0.794427	-1.25877	0.794427	0.0035555	2.06252	2.06252	0.534692	1.12213	1.12213	0.508452	0.884323	-1.13081	0.1033358	0.721468	-1.38606	3.72156	1.97942	0.472781	1
cg02892239	ANKDO1A	0.00228762	0.980544	1.00275	1.00275	0.012841	0.706484	-1.41546	0.000977516	1.73373	1.73573	0.321724	1.122	1.122	0.202792	1.16322	1.16322	1.16322	9.23E-06	2.93802	2.93802	0.006620539	0.669491	-1.49367	0.799585	1.02902	1.02902	0.803228	1.02847	1.02847	17.7129	3.54707	0.178003	1
cg22512464	ANKDO1A	0.00357247	0.573032	0.855437	-1.16899	0.93175	1.02376	1.02376	0.654368	0.883772	-1.13151	0.329877	1.31744	1.31744	0.055702	0.551882	-1.81198	0.551882	8.13E-05	7.01952	7.01952	0.0682908	0.571394	-1.75011	0.612075	0.869172	-1.15052	0.2637911	1.37628	1.37628	8.1238	9.67223	1.05831	1
cg12119988	ANKDO1A	0.00465025	0.0646471	1.38475	1.38875	0.00310348	1.61978	1.62978	0.5668964	1.0729	1.0729	0.471059	1.08376	1.09376	0.2144402	0.852364	-1.17321	0.852364	0.0591687	1.29746	1.29746	0.000397397	2.11068	2.11068	0.7605615	1.03806	1.03806	0.186439	0.842656	-1.18672	7.50252	1.77519	0.210322	1
cg18612204	ANKDO1A	0.00482627	0.276622	1.31973	1.31973	0.0282303	0.529851	-1.88732	0.2617883	1.31552	1.31552	0.510557	1.17777	1.17777	0.202467	0.718997	-1.39083	0.718997	0.0001971	4.63674	4.63674	0.353985	0.792297	-1.26215	0.0919436	0.634552	-1.57592	0.145287	1.45287	1.45287	1.45171	7.0615	0.840151	1
cg23498748	ANKDO1A	0.021046	0.509275	1.36244	1.36244	0.143823	0.484081	-2.06577	0.526355	0.74336	-1.34524	0.738824	1.16716	1.16716	7	7	7	7	0.0005438	11.9774	11.9774	0.634929	0.801748	-1.24727	0.774984	1.14157	1.14157	0.846394	0.9143	-1.09373	4.70681	14.1412	3.00441	1
cg13826167	ANKDO1A	0.0229382	0.211242	1.844321	-1.54238	0.312591	1.17645	1.17645	0.78602	0.954622	-1.03558	0.129739	1.83144	1.83144	0.01200812	0.668576	-1.49572	0.668576	0.0276399	1.39732	1.39732	0.02111152	0.7183044	-1.39202	0.0913592	0.757535	-1.32007	0.2728311	1.15793	1.15793	4.44802	1.17357	0.232383	1
cg00958451	ANKDO1A	0.0263068	0.808694	0.958331	-1.04348	0.0111534	0.572242	-1.74751	0.2617963	1.67548	1.67548	0.148771	1.31223	1.31223	0.262854	1.12684	1.13608	1.13608	0.0246296	1.59936	1.59936	0.739902	1.0602	1.0602	0.0713745	1.42384	1.42384	0.191255	1.27481	1.27481	4.28048	2.08738	0.443468	1
cg02539234	ANKDO1A	0.0145016	0.284571	0.737005	-1.35684	0.1157299	0.656501	-1.52429	0.01156969	0.421128	-2.37457	0.968533	1.02205	1.02205	0.0912607	0.515968	-1.93477	0.515968	0.1029398	1.47902	1.47902	0.00432217	0.4337758	-2.30543	0.0828656	0.650706	-1.52275	0.615271	0.894977	-1.11735	7.57049	5.74877	0.674991	1
cg01718895	ANKFN1	0.00104176	0.0145156	-2.03518	0.302094	1.26376	1.26376	0.204613	-4.56525	-1.94116	0.957503	0.988399	-1.01174	0.000352034	0.284423	3.51589	3.51589	3.51589	0.1029398	1.47902	1.47902	0.00432217	0.4337758	-2.30543	0.0828656	0.650706	-1.52275	0.615271	0.894977	-1.11735	7.57049	5.74877	0.674991	1
cg03455107	ANKFN1	0.00455051	0.00971154	0.366867	-2.72578	0.863594	0.45612	1.05412	0.00589322	0.331393	-3.01757	0.732403	0.897131	-1.11466	0.000382586	0.175841	-5.68696	0.175841	0.938218	1.02405	1.02405	0.459065	1.25997	1.25997	0.813962	1.07493	1.07493	0.00477955	0.312724	1.52521	1.21386	1.32279	1
cg20008164	ANKFN1	0.00078825	0.0545208	0.455156	-2.01957	0.3002323	0.963605	-1.03773	0.2740466	0.659538	-1.44915	0.950239	1.03037	1.03037	0.0002317	0.002012314	0.114626	0.114626	0.160553	2.07652	2.07652	0.155395	0.824894	-1.21228	0.863684	0.944246	-1.05681	0.0856781	0.542929	-1.84186	5.06679	0.70303	1.45547	1
cg26475330	ANKFN1	0.00991293	0.0124253	0.381492	-2.62128	0.536806	0.823887	-1.21376	0.885753	0.956446	-1.04554	0.986725	1.7522	1.7522	0.000573884	0.191838	5.21272	5.21272	0.339386	1.35663	1.35663	0.56933	0.83683	-1.19499	0.456416	1.26483	1.26483	0.0413804	0.482543	-2.07235	0.92717	9.0061	1.35063	1
cg17607732	ANKFN1	0.0198236	0.0232441	0.36711	-2.72198	0.0339613	0.204683	-4.88561	0.075905	0.482039	-2.07452	0.310992	0.678529	-1.47291	0.011888	0.513506	-1.94753	0.513506	0.0481798	0.43422	0.43422	0.0202621	0.355993	-2.80906	0.0163412	0.338087	-2.95781	0.164569	0.578225	-1.72943	4.71974	10.1991	0.92124	1
cg01748757	ANKFN1	0.0514604	0.0517053	0.341159	-1.84795	0.0345056	0.332494	-3.00757	0.2073592	0.691801	-1.44655	0.894212	1.19758	1.19758	0.062356	0.558706	-1.78966	0.558706	0.1009115	0.607553	0.607553	-1.64567	0.2010209	0.4194842	-2.38389	0.0106505	0.401171	-2.49282	0.95364	1.01625	1.01625	0.44875	5.29518	1.08284	1
cg01871064	ANKFN1	0.0440746	0.140923	0.462025	-2.16439	0.0229558	0.265425	-3.76755	0.288494	0.584348	-1.71131	0.663647	0.807876	-1.23781	0.0192487	0.312524	-3.19975	0.312524	0.0685369	0.370028	-2.7025	0.0064612	0.177893	-5.62134	0.0108016	0.20989	-4.7644	0.509506	0.721632	-1.38575	3.55302	13.3774	3.34674	1
cg19557110	ANKFY1	0.00105109	0.0710336	0.56149	-1.78097	0.100345	1.38484	1.38484	0.133778	0.634625	-1.57573	0.242931	0.700496	-1.42763	0.076-05	0.339701	-2.94393	0.339701	0.1916168	0.673263	0.673263	-1.4851	0.385496	-2.59397	0.7373007	0.896562	-1.11708	0.129692	0.62594	-1.5976	15.1864	1.15303	1
cg17331920	ANKFY1	0.00116294	0.243926	0.85328	-1.17195	0.00371525	0.5585	-1.79051	0.00270748	0.583209	-1.71465	0.503462	0.915425	-1.09239	0.002864	0.005	7.70572	7.70572	0.0501567	1.33728	1.33728	0.011819	1.5055	1.5055	0.00646409	0.630244	-1.58669	0.0514763	0.749359	-1.33447	17.2722	3.02397	0.23846	1
cg02277551	ANKFY1	0.00159955	0.0142204	-1.63729	0.0137744	0.24083	0.147083	-6.6882	0.0217653	0.853154	-1.17212	0.774483	1.06834	1.06834	0.0002221	0.128475	7.78353	7.78353	0.3865	2.58726	2.58726	0.0001	0.7703552	-1.29776	0.0053115	0.2626053	-3.80731	0.0006761	0.679539	-1.47158	11.8531	2.11104	0.178311	1
cg03635216	ANKFY1	0.00332679	0.563196	0.917263	-1.0902	0.0153214	0.644145	-1.55245	0.000537418	0.45129	-2.21587	0.0792971	1.33354	1.33354	0.497297	1.10719	1.10719	1.10719	0.0068749	1.67928	1.67928	0.47185	0.897505	-1.1142	0.261322	0.841062	-1.18897	0.0118017	0.628369	-1.59142	8.29874	2.8696	0.307366	1
cg18953396	ANKFY1	0.0135879	0.124426	0.790747	-1.26463	0.795027	0.963925	-1.03743	0.0447326	0.722395	-1.38428	0.042921	0.790445	-1.39073	0.413566	1.12521	1.12521	1.12521	0.0394773	0.714523	-1.39954	0.00224004	1.82937	1.82937	0.0793746	0.7597	-1.31631	0.273369	0.853401	-1.17452	3.5512	1.68827	0.280391	1
cg13354304	ANKFY1	0.0174744	0.310113	0.803566	-1.24492	0.0118431	0.563996	-1.77305	0.475185	0.844551	-1.18405	0.892868	1.14151	1.14151	0.292756	0.876021	-1.14151	0.876021	0.0670035	1.45458	1.45458	0.0013225	2.25645	2.25645	0.004355	0.9009126	-1.10996	0.648246	1.08732	1.087324	4.92088	2.59009	0.467669	1
cg23838173	ANKFY1	0.0159913	0.867421	0.969569	-1.03139	0.285204	0.814385	-1.22792	0.994415	1.0013	1.0013	0.932764	1.01573	1.01573	0.003653308	0.483237	2.06923	2.06923	0.303134	0.820951	-1.2181	0.00789597	1.87814	1.87814	0.963655	0.991607	-1.00846	0.599934	0.906746	-1.10284	3.82817	2.07436	0.481661	1
cg24562927	ANKFY1	0.0392023	0.578747	0.880022	-1.13767	0.307903	1.28129	1.28129	0.0180086	0.385538	-2.62098	0.61185	0.796013	-1.25597	0.0249511	0.411256	2.43019	2.43019	0.0048179	0.419623	0.419623	-2.38303	0.1559341	-6.41606	0.0170703	0.1529403	-6.54082	0.168554	0.518897	0.607532	-1.64579	3.39655	0.75987	1
cg19747744	ANKFY1	0.0452592	0.0550853	-3.04234	-3.28695	0.0063146	0.125485	-7.00036	0.526864	0.70414	-1.42021	0.0776368	0.33604	-2.97584	0.0244211	0.229992	-4.34798	0.229992	0.0828181	1.349608	1.349608	-2.86035	0.0159341	0.198909	-5.02742	0.543964	0.714587	-1.39941	0.067082	0.325327	0.37383	3.51795	16.6787	4.21426	1
cg08133013	ANKFY1;ANKFY1	0.00031485	0.0285104	0.678024	-1.47487	0.332491	1.16219	1.16219	0.165056	1.24937	1.24937	0.000506132	0.441745	-2.26375	0.162896	1.25099	1.25099	1.25099	0.377991	0.87285	-1.14567	9.88E-06	0.239826	-4.16968	0.819151	1.03503	1.03503	0.388099	1.14193	1.14193	16.2419	5.81414	0.318197	1
cg06505046	ANKFY1;ANKFY1	0.00061925	0.0191831	0.38005	-2.63179	0.0100547	0.584634	-1.71078	0.0133778	0.634625	-1.57573	0.242931	0.700496	-1.42763	0.076-05	0.339701	-2.94393	0.339701	0.0423758	0.717009	-1.3948	0.0062324	0.178014	-5.62073	0.0108016	0.20989	-4.7644	0.509506	0.721632	-1.38575	3.55302	13.3774	3.34674	1
cg24276841	ANKFY1;ANKFY1	0.00183561	0.874219	1.01266	1.00145501	0.594891	-1.68098	0.000637697	0.659335	-1.51668	0.410662	1.0691	1.0691	0.584583	1.04482	1.04482	1.04482	1.04482	0.320856	0.921768	-1.08487	0.112283	1.0822	1.0822	0.0426534	0.830812	-1.20364	0.888543	0.987587	0.988809	1
cg07425985	ANKFY1;ANKFY1	0.00633705	0.0557317	0.49047	-1.6057	0.0676411	0.718218	1.74083	0.0165565	0.814848	-1.22844	0.0159685	0.631664	-1.5833	0.0122633	0.5733	-1.74493	0.5733	0.0351643	0.389942	-2.56449	0.000504312	0.124073	-8.05979	0.955479	1.02166	1.02166	0.112045	0.514733	-1.94276	5.31642	12.4028	2.07371	1
cg03388015	ANKFY1;ANKFY1	0.0138679	0.692169	0.858365	-1.16501	0.0201935	0.341255	-2.93036	0.0961709	0.495997	-2.01614	0.834851	1.08342	1.08342	0.0315224	0.379879	-2.63242	0.379879	0.0351643	0.389942	-2.56449	0.000504312	0.124073	-8.05979	0.955479	1.02166	1.02166	0.112045	0.514733	-1.94276	5.31642	12.4028	2.07371	1
cg19946264	ANKFY1;ANKFY1	0.0165381	0.124781	1.24427	1.24427	0.0472659	0.7419	-1.34789	0.021741	0.696082	-1.43661	0.314785	1.1465	1.1465	0.698041	1.05261	1.05261	1.05261	0.5885532	0.930688	-1.07447	0.00224788	1.75507	1.75507	0.365298	1.13014	1.13014	0.176524	0.82782	-1.20799	0.51542	1.37393	0.243503	1
cg25235380	ANKFY1;ANKFY1	0.0167782	0.217536	0.79393	-1.27274	0.0342482	0.626839	-1.59582	0.2176563	0.853154	-1.17212	0.774483	1.06834	1.06834	0.0002221	0.128475	7.78353	7.78353	0.2990624	1.14081	1.14081	0.0103314	0.774481	-1.29104	0.0513115	0.8260363	-1.21073	0.265853	1.15255	1.15255	0.969711	1.10651	0.211104	1
cg15477040	ANKFY1;ANKFY1	0.0214128	0.158413	0.599144	-1.66905	0.802755	1.08875	1.08875	0.101862	0.544226	-1.83746	0.247597	1.50787	1.50787	0.00155817	0.213323	4.68773	4.68773	0.162283	0.60236	-1.66014	0.479258	0.783203	-1.27681	0.032803	2.33585	2.33585	0.293726	0.690713	-1.44778	4.59635	8.40275	1.62501	1
cg21653149	ANKFY1;ANKFY1	0.0163149	0.444984	0.772902	-1.29373	0.1219	0.845804	-1.18262	0.0178504	0.58043	-1.72332	0.1825	0.822	0.822	0.0001704	0.1075	9.30233	9.30233	0.4125528	0.710569	-1.40747	0.0205732	0.4331895	-2.30864	0.0163412	0.33808	-2.95781	0.164569	0.578225	-1.72943	4.71974	10.1991	0.92124	1
cg03646922	ANKFY1;ANKFY1	0.0326469	0.449936	0.945907	-1.05719	0.724505	0.12589	1.02589	0.0726803	0.865304	-1.15566	0.0349494	0.846003	-1.18203	0.0046016	0.761974	-1.31238	0.761974	0.929976	1.00637	1.00637	0.0203553	1.22471	1.22471	0.711961	0.973567	-1.02715	0.711611	0.973534	-1.02719	3.96534	0.327685	0.0734553	1
cg17206528	ANKFY1;ANKFY1	0.0177788	0.335349	1.20705	1.20705	0.731425	1.06744	1.06744	0.394061	1.17981	1.17981	0.0610015	1.49175	1.49175	0.488716	1.14251	1.14251	1.14251	0.956762	1.01032	1.01032	0.00139103	0.4158231	-2.40488	0.825166	0.95896	-1.0428	0.576033	1.11294	1.11294	3.76116	2.13713	0.505076	1
cg05805834	ANKFY1;ANKFY1	0.0019629	0.0145576	-2.03518	0.0139743	0.24083	0.148044	-6.6882	0.0217653	0.853154	-1.17212	0.774483	1.06834	1.06834	0.0002221	0.128475	7.78353	7.78353	0.4125528	0.710569	-1.40747	0.0205732	0.4331895	-2.30864	0.0163412	0.33808	-2.95781	0.164569	0.578225	-1.72943	4.71974	10.1991	0.92124	1
cg03646922	ANKFY1;ANKFY1	0.0326469	0.449936	0.945907	-1.05719	0.724505	0.12589	1.02589	0.0726803	0.865304	-1.15566	0.0349494	0.846003	-1.18203	0.0046016	0.761974	-1.31238	0.761974	0.929976	1.00637	1.00637	0.0203553	1.22471	1.22471	0.711961	0.973567	-1.02715	0.711611	0.973534	-1.02719	3.96534	0.327685	0.0734553	1
cg17206528	ANKFY1;ANKFY1	0.0177788	0.335349	1.20705	1.20705	0.731425	1.06744	1.06744	0.394061	1.17981	1.17981	0.0610015	1.49175	1.49175	0.488716	1.14251	1.14251	1.14251	0.956762	1.01032	1.01032	0.00139103	0.4158231	-2.40488	0.825166	0.95896	-1.0428	0.576033	1.11294	1.11294	3.76116	2.13713	0.505076	1
cg05805834	ANKFY1;ANKFY1	0.0019629	0.0145576	-2.03518	0.0139743	0.24083	0.148044	-6.6882	0.0217653	0.853154	-1.17212	0.774483	1.06834	1.06834	0.0002221	0.128475	7.78353	7.78353	0.4125528	0.710569	-1.40747	0.0205732	0.4331895	-2.30864	0.0163412	0.33808	-2.95781	0.164569	0.578225	-1.72943	4.71974	10.1991	0.92124	1
cg27316798	ANKH	9.60E-05	0.89133	0.956079	-1.04594	0.00031519	0.80849	0.80849	0.00178118	0.42837	5.42487	0.342616	0.9	0.9	0.0001	0.0	0.0	0.0	0.1346313	0.66763	-1.49747	0.0009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg08691671	ANKRD1	0.00976843	0.682871	1.46482	1.46482	0.0111	0.5	1.0	0.0	0.5	1.0	0.0	0.5	1.0	0.0	0.5	1.0	0.0	0.8641211	1.03126	1.03126	0.0188748	1.68409	1.68409	0.0086112	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg21792884	ANKH	0.0166422	0.1518	0.631468	-1.58353	0.0314468	1.64098	1.64098	0.314277	1.20904	1.20904	0.183506	1.37704	1.37704	0.1102788	0.726235	1.37704	1.37704	0.1484506	0.6881258	-1.45339	0.0186124	2.49104	2.49104	0.0967703	1.39451	1.39451	0.56457	1.72168	0.468436	1.39451	0.56457	1.72168	0.468436	1
cg14843632	ANKH	0.0254212	0.509176	0.812672	-1.23051	0.0238306	2.30574	2.30574	0.00380086	3.35079	3.35079	0.108767	1.71914	1.71914	0.750971	1.10365	1.10365	1.10365	0.148506	0.618757	-1.61614	0.52031	0.817911	-1.22263	0.262004	1.43662	1.43662	0.0194509	2.39901	2.39901	4.33196	6.58302	1.35079	1
cg21215929	ANKH	0.0189867	0.0540906	0.691167	-1.66128	0.278637	0.760886	-1.29891	0.239747	0.789914	-1.33349	0.028073	0.547533	-1.82637	0.0028361	0.394555	-2.5348	0.394555	0.1346313	0.66763	-1.49747	0.0009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg21791914	ANKH	0.0155421	0.0666422	0.5218	0.0531468	1.640098	1.314277	1.20904	0.183506	1.37704	1.37704	0.1102788	0.726235	1.37704	1.37704	0.1484506	0.6881258	-1.45339	0.8641211	1.03126	1.03126	0.0188748	1.68409	1.68409	0.0086112	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg14843632	ANKH	0.0254212	0.509176	0.812672	-1.23051	0.0238306	2.30574	2.30574	0.00380086	3.35079	3.35079	0.108767	1.71914	1.71914	0.750971	1.10365	1.10365	1.10365	0.148506	0.618757	-1.61614	0.52031	0.817911	-1.22263	0.262004	1.43662	1.43662	0.0194509	2.39901	2.39901	4.33196	6.58302	1.35079	1
cg21215929	ANKH	0.0189867	0.0540906	0.691167	-1.66128	0.278637	0.760886	-1.29891	0.239747	0.789914	-1.33349	0.028073	0.547533	-1.82637	0.0028361	0.394555	-2.5348	0.394555	0.1346313	0.66763	-1.49747	0.0009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg19116924	ANKH	0.0449734	0.147994	0.663132	-1.50705	0.570887	0.859527	-1.16343	0.185787	0.690187	-1.44888	0.135322	1.53028	1.53028	0.362328	0.780783	1.28077	0.780783	0.0059657	1.38706	2.58594	0.0395766	0.533076	-1.8759	0.123263	1.55467	1.55467	0.339616	0.770958	-1.29709	0.52631	3.90114	0.983374	1
cg00458174	ANKH	0.0464803	0.615605	0.930799	-1.07435	0.0930036	1.291354	1.291354	0.0507844	1.37059	1.37059	0.107043	0.779412	-1.28283	0.183534	1.22126	1.22126	1.22126	0.166224	1.73256	1.73256	1.36507	0.1636933	0.975644	-2.66209	0.484284	1.16066	1.16066	0.217604	1.31446	4.55284	1.2043	0.625603	1
cg05954266	ANKHD1-EIF4EBP3 ANKHD1;ANKHD1-	0.0067609	0.41484	0.913372	-1.09484	0.298501	0.889449	-1.12429	0.000583364	1.78255	1.78255	0.384888	0.907692	-1.1017	0.0387651	0.770925	-1.29714	0.770925	0.0067309	1.4652	1.4652	0.110059	1.20846	1.20846	0.260315	1.13615	1.13615	0.732307	1.03803	1.03803	0.687113	1.25168	0.166381	1
cg07676324	EIF4EBP3;ANKHD1;ANKHD1 ANKHD1;ANKHD1-	1.07E-05	4.85E-05	0.661467	-1.51179	0.0433356	1.13395	1.13395	0.000781658	0.759715	-1.31628	2.46E-06	1.85498	1.85498	0.000192555	1.40441	1.40441	1.40441	0.107128	0.909248	-1.09981	0.000191301	0.7118151	-1.40487	0.548364	0.967681	-1.0334	0.304306	1.05923	1.05923	39.8951	1.84874	0.0411912	1
cg08918431	EIF4EBP3;ANKHD1;ANKHD1 ANKHD1;ANKHD1-	0.000421643	0.0310772	0.79763	-1.25371	0.357016	0.918847	-1.08832	0.00234417	0.68426	-1.46143	0.56731	0.949654	-1.05302	0.0051874	1.39047	1.39047	1.39047	0.0045944	1.40082	1.40082	0.00116226	0.6530151	-1.53136	0.55975	0.948673	-1.0541	0.00203806	1.72675	1.72675	14.9808	1.89392	0.112376	1
cg16671421	EIF4EBP3;ANKHD1;ANKHD1 ANKHD1;ANKHD1-	0.00165241	0.00334499	0.471872	-2.11922	0.00240689	0.451511	-2.21478	0.0125576	0.557725	-1.793	0.886512	1.02722	1.02722	0.000604694	0.369888	-2.70352	0.369888	0.0002735	0.325807	-3.0693	0.0141616	0.565894	-1.76711	0.225664	0.787163	-1.27039	0.0157611	0.573228	-1.74451	10.1911	5.70995	0.498033	1
cg23463077	EIF4EBP3;ANKHD1;ANKHD1 ANKHD1;ANKHD1-	0.00374703	0.045118	0.743967	-1.34415	0.114714	1.24694	1.24694	0.0239702	1.41412	1.41412	0.00256322	0.583874	-1.7127	0.099447	0.792684	-1.26154	0.792684	0.959382	1.00657	1.00657	0.623977	1.06563	1.06563	0.920535	1.01292	1.01292	0.000908658	1.88323	1.88323	8.00838	2.09938	0.233021	1
cg09491787	EIF4EBP3;ANKHD1;ANKHD1 ANKHD1;ANKHD1-	0.028889	0.615588	0.86391	1.06391	0.0885498	1.50743	1.50743	0.539345	1.07901	1.07901	0.050545	1.31348	1.31348	0.871058	1.02008	1.02008	1.02008	0.0809565	0.789153	-1.26718	0.0431876	0.752288

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03891962	ANKRD11	8.42E-05	0.188704	0.802113	-1.24671	9.61E-06	0.221036	-4.52416	0.796667	0.95994	-1.04173	1.02E-05	0.223653	-4.47122	0.751781	1.05153	1.05153	0.425996	1.13736	1.13736	0.0292594	1.50182	1.50182	0.264853	1.20202	1.20202	0.38907	0.869564	-1.15	23.1829	9.20535	0.352956	1
cg09033641	ANKRD11	0.000133058	0.566878	0.907537	-1.10188	0.0749662	0.717205	-1.3943	0.0234603	0.635279	-1.57411	0.143209	1.30173	1.30173	3.47E-05	0.261401	-3.82554	0.00534965	0.540695	-1.84947	8.61E-06	0.197602	-5.06067	0.238396	0.813033	-1.22996	0.00112908	0.447887	-2.23271	20.5081	9.12494	0.395506	1
cg03615921	ANKRD11	0.000222987	0.292683	1.11521	1.11521	0.00208596	1.54134	1.54134	0.000831293	1.65297	1.65297	0.0410812	0.790226	-1.26546	0.991245	0.998905	-1.0011	0.17638	1.15438	1.15438	8.29E-06	2.64126	2.64126	0.0517578	0.801631	-1.24746	0.119179	1.18402	1.18402	17.8365	2.81841	0.140457	1
cg01687267	ANKRD11	0.000232863	0.465462	0.86151	-1.16075	0.295269	1.24337	1.24337	0.0139864	0.543848	-1.83875	0.655982	1.09415	1.09415	0.0718338	0.668095	-1.49679	0.000151436	0.271227	-3.68695	9.73E-06	0.148089	-6.7527	0.316603	1.23094	1.23094	0.00431939	0.465047	-2.15032	17.6275	11.2438	0.566982	1
cg05320533	ANKRD11	0.000245016	1.79E-05	0.108616	-9.20675	0.00179604	0.324676	-3.07999	0.0810948	0.612732	-1.63204	0.0396051	1.82712	1.82712	0.000569241	0.258777	-3.86433	0.27378	1.33434	1.33434	0.0264724	0.513573	-1.94714	0.0303328	1.90562	1.90562	0.160403	0.683992	-1.462	17.3851	17.6624	0.903066	1
cg03832059	ANKRD11	0.000524777	9.23E-05	0.375324	-2.66437	0.000208107	0.418314	-2.39055	0.00232081	0.55033	-1.81709	0.500384	1.1008	1.1008	0.00462077	0.589135	-1.6974	0.161085	1.23386	1.23386	0.106689	1.28056	1.28056	0.0991305	0.775835	-1.28893	0.399073	0.88585	-1.12886	14.0999	4.40172	0.277494	1
cg11051669	ANKRD11	0.000561042	0.171119	0.841646	-1.18815	0.153401	0.834563	-1.19823	0.158986	0.836865	-1.19494	0.611919	0.941269	-1.0624	0.806555	0.971393	-1.02945	0.141165	0.829264	-1.20589	0.00396642	1.5814	1.5814	0.539195	0.929093	-1.07632	1.00E-05	0.325851	-3.06889	13.8404	3.06783	0.19703	1
cg02192318	ANKRD11	0.000707124	0.00017668	0.122315	-8.17562	0.179195	0.624033	-1.60248	0.00765215	0.322069	-3.10493	0.102969	0.554585	-1.80315	5.07E-05	0.0812877	-12.302	0.820076	0.927475	-1.0782	0.190624	0.632542	-1.58092	0.987753	0.99494	-1.00509	0.00131152	0.213141	-4.69173	12.9741	22.4423	1.53758	1
cg12914530	ANKRD11	0.000857928	0.000133447	0.170021	-5.88163	0.027802	0.498667	-2.00535	0.00112812	0.277349	-3.60557	0.0912918	0.607966	-1.64483	9.51E-05	0.15569	-6.42301	0.753268	0.919083	-1.08804	0.0370006	0.523026	-1.91195	0.151739	0.663022	-1.50825	0.00818765	0.404388	-2.47287	12.2877	13.9345	1.00802	1
cg03317919	ANKRD11	0.000972242	0.082961	1.4489	1.4489	0.719277	1.0722	1.0722	0.00662616	1.97529	1.97529	0.0291582	0.608652	-1.64298	0.000205326	0.300781	-3.32467	0.0122616	0.547394	-1.82684	0.00186954	0.426488	-2.34473	0.123227	1.3806	1.3806	0.11538	0.718478	-1.39183	11.8608	7.00816	0.525216	1
cg06636372	ANKRD11	0.001153	0.0299118	0.67689	-1.47735	0.123647	0.775116	-1.29013	0.0272432	0.670877	-1.49059	0.0093322	0.604284	-1.65485	7.41E-05	0.332877	-3.00411	0.000425716	0.426414	-2.34514	0.882706	0.9777	-1.02281	0.165317	1.25366	1.25366	0.878833	0.976965	-1.02358	11.2998	4.17628	0.328523	1
cg27641820	ANKRD11	0.00120505	0.308157	1.08362	1.08362	0.19213	0.900225	-1.11083	0.0728293	1.16457	1.16457	0.00885536	1.28873	1.28873	0.00110968	1.44174	1.44174	0.762237	0.977164	-1.02337	0.00091878	0.685886	-1.45797	0.00430012	1.33734	1.33734	0.00673336	1.30668	1.30668	11.1584	1.0243	0.0815968	1
cg02089452	ANKRD11	0.00153133	0.00130912	0.0531219	-18.8246	0.235962	0.458817	-2.17952	0.00305472	0.0784583	-12.7456	0.187491	0.416313	-2.40204	0.000286617	0.0243682	-41.0372	0.223042	0.447894	-2.23267	0.0024834	0.0715074	-13.9846	0.27047	2.05401	2.05401	0.0018914	0.0631417	-15.8374	10.4174	64.9305	5.54035	1
cg05749855	ANKRD11	0.00168755	0.147894	0.633507	-1.57851	0.000658039	5.10489	5.10489	0.464394	0.804788	-1.24256	0.126505	0.614653	-1.62693	0.00350395	0.297913	-3.35668	0.766557	1.0905	1.0905	0.00180805	0.254686	-3.9264	0.00583243	2.99546	2.99546	0.63019	0.868257	-1.15173	12.1405	15.9251	1.02023	1
cg01619533	ANKRD11	0.00229985	0.530327	0.879729	-1.13671	0.00747411	2.00219	2.00219	0.00066794	2.85654	2.85654	0.038483	1.62147	1.62147	0.0717786	0.666824	-1.49965	0.124877	1.39778	1.39778	0.0388528	0.617463	-1.61953	0.0014087	2.5395	2.5395	0.877517	1.03158	1.03158	9.25617	5.95716	0.572078	1
cg07600669	ANKRD11	0.00233027	0.0367593	0.61431	-1.62784	7.47E-05	0.23589	-4.23927	0.0018439	0.411434	-2.43052	0.263569	1.26372	1.26372	0.0367405	0.614271	-1.62795	0.370455	0.831349	-1.20286	0.0246625	0.584319	-1.71139	0.287615	0.801129	-1.24824	0.180251	0.751427	-1.3308	9.22057	5.89006	0.567818	1
cg09971549	ANKRD11	0.00271872	0.0218453	0.537974	-1.85883	0.00240515	0.385742	-2.5924	0.415152	0.828901	-1.20642	0.0774013	1.55627	1.55627	0.000788413	0.318838	-3.13639	0.0152584	0.51108	-1.95664	0.00129408	0.347808	-2.87515	0.560194	0.875713	-1.14193	0.0331775	0.570643	-1.75241	8.81139	7.08357	0.714587	1
cg01976303	ANKRD11	0.00290526	0.0580448	0.578211	-1.72947	0.00141507	0.306882	-3.25858	0.00977311	0.433693	-2.30578	0.803333	1.06588	1.06588	0.00433123	0.377182	-2.65124	0.00655043	0.4053	-2.46731	0.000660645	0.263509	-3.79493	0.694333	1.10627	1.10627	0.0129921	0.454669	-2.1994	8.64001	8.94697	0.920469	1
cg03507846	ANKRD11	0.00352406	0.0831921	1.19024	1.19024	0.00240478	0.681183	-1.46803	0.00185611	0.669592	-1.49345	0.120557	0.858228	-1.16519	0.00194382	0.671662	-1.48884	0.806153	1.02258	1.02258	0.270506	1.10979	1.10979	0.775963	0.974425	-1.02625	0.0125074	0.754189	-1.32593	8.15707	1.06513	0.116069	1
cg07108351	ANKRD11	0.00402613	0.00892715	1.71094	1.71094	0.982803	0.996526	-1.00349	0.802022	0.960252	-1.04139	0.48015	1.12285	1.12285	0.168821	1.26705	1.26705	0.00291884	0.516742	-1.9352	0.0075882	0.574432	-1.74085	0.00258771	1.96226	1.96226	0.662556	1.07346	1.07346	7.83709	3.2351	0.366927	1
cg00911267	ANKRD11	0.00421798	0.459287	0.907275	-1.1022	0.51962	1.08796	1.08796	0.520327	1.0878	1.0878	0.604985	0.934834	-1.06971	0.57806	1.07526	1.07526	0.351129	0.883441	-1.13194	6.56E-05	2.57533	2.57533	0.0878397	0.784037	-1.27545	0.466697	1.10038	1.10038	7.72772	2.04125	0.234797	1
cg08583277	ANKRD11	0.00466298	0.0241023	4.23347	4.23347	0.00246927	9.56484	9.56484	0.0631262	3.06899	3.06899	0.150862	2.28397	2.28397	0.0175241	4.71614	4.71614	0.0127797	5.25586	5.25586	0.00549918	7.08557	7.08557	0.000847242	14.7492	14.7492	0.00308603	8.78183	8.78183	7.49628	34.1693	4.05171	1
cg08144444	ANKRD11	0.00570001	0.0331681	0.604372	-1.65461	0.000492248	0.331659	-3.01514	0.0704377	0.664389	-1.50514	0.249102	0.783797	-1.27584	0.170092	0.744171	-1.34378	0.402735	1.18906	1.18906	0.0123349	1.8778	1.8778	0.20562	0.763365	-1.30999	0.193923	1.32041	1.32041	7.04973	4.56582	0.575697	1
cg07159469	ANKRD11	0.00582968	0.0809981	0.661096	-1.51264	0.112243	0.690805	-1.44759	0.0308993	1.71965	1.71965	0.14523	0.715631	-1.39737	0.00892641	0.490867	-2.03721	0.00250386	0.407291	-2.45525	0.00142802	0.372789	-2.68248	0.987317	1.00341	1.00341	0.943555	0.984968	-1.01526	7.00107	5.07356	0.644164	1
cg27372713	ANKRD11	0.00584071	0.00869778	2.89099	2.89099	0.629893	1.16668	1.16668	0.0623005	1.94691	1.94691	0.0171689	2.51443	2.51443	0.00775453	0.337673	-2.96144	0.0191118	0.406386	-2.46071	0.0500621	0.491948	-2.03274	0.0925102	1.80004	1.80004	0.351795	0.737688	-1.35559	6.99699	11.1708	1.41913	1
cg03852963	ANKRD11	0.00665052	0.0215017	0.716803	-1.39508	0.102786	0.806377	-1.24011	0.0590273	1.29309	1.29309	0.222935	1.16696	1.16696	0.00617749	1.53813	1.53813	0.0532084	1.30318	1.30318	0.0124927	0.687513	-1.45452	0.029644	0.734422	-1.36161	0.549966	1.07565	1.07565	6.72142	1.54733	0.20463	1
cg03162686	ANKRD11	0.00755539	0.158084	0.594938	-1.68085	0.423741	1.32464	1.32464	0.00356412	0.256984	-3.8913	0.00139244	0.203129	-4.92298	0.64737	0.85344	-1.17173	0.448473	0.766586	-1.30449	0.346806	1.39566	1.39566	0.633706	1.17962	1.17962	0.00288383	0.244101	-4.09666	6.4591	12.1132	1.667	1
cg05509965	ANKRD11	0.00856454	0.652876	1.0447	1.0447	0.921095	0.990476	-1.00962	0.077541	0.827376	-1.20864	0.186923	1.14466	1.14466	0.0118476	0.738261	-1.35453	0.794615	0.975118	-1.02552	0.000526609	1.68487	1.68487	0.296002	0.900631	-1.11033	0.346668	0.910651	-1.09812	6.20915	0.917316	0.131321	1
cg07118196	ANKRD11	0.00994283	0.00736641	0.413036	-2.4211	0.00890788	0.426538	-2.34446	0.0391299	0.542685	-1.84269	0.229465	0.724076	-1.38107	0.00244552	0.339781	-2.94307	0.031589	0.52448	-1.90665	0.00359866	0.3645	-2.74348	0.025595	0.507111	-1.97196	0.0296716	0.519259	-1.92582	5.92146	6.14763	0.922839	1
cg04396454	ANKRD11	0.0105966	0.273609	0.805908	-1.24084	0.00219209	0.44328	-2.25591	0.981067	0.995516	-1.0045	0.954602	0.989275	-1.01084	0.732031	1.06727	1.06727	0.186001	0.766761	-1.30419	0.00261201	2.20246	2.20246	0.214594	1.28076	1.28076	0.0997474	1.4073	1.4073	5.80185	3.29637	0.50503	1
cg02226192	ANKRD11	0.0109521	0.00809385	3.10104	3.10104	0.00507914	3.44225	3.44225	0.00247157	4.07356	4.07356	0.00492801	3.46601	3.46601	0.145902	1.68375	1.68375	0.846339	0.937302	-1.06689	0.16133	1.64743	1.64743	0.0681828	1.97699	1.97699	0.0398074	2.21039	2.21039	5.74058	10.1264	1.568	1
cg08888321	ANKRD11	0.0113675	0.0846189	0.61826	-1.61744	0.0357522	1.8515	1.8515	0.655784	0.89306	-1.11975	0.483714	1.19653	1.19653	0.386317	0.799408	-1.25093	0.000505305	0.254012	-3.93682	0.539378	0.855001	-1.16959	0.650962	1.12167	1.12167	0.041852	0.553602	-1.80635	5.67206	5.7093	0.894725	1
cg04789950	ANKRD11	0.0114644	0.445143	1.408	1.408	0.000367387	0.081425	-12.2812	0.0258648	0.312541	-3.19958	0.306376	0.627794	-1.59288	0.237696	0.580561	-1.72247	0.187431	0.541082	-1.84815	0.0124788	0.254998	-3.9216	0.488622	0.73398	-1.36244	0.0576154	0.389126	-2.56986	5.65652	17.3134	2.7207	1
cg01387849	ANKRD11	0.0115272	0.890628	1.04434	1.04434	0.300318	1.40281	1.40281	0.0406769	2.10701	2.10701	0.328855	0.727739	-1.37412	0.169301	1.58688	1.58688	0.0500699	0.494315	-2.023	0.000692393	0.195369	-5.11853	0.657688	1.15101	1.15101	0.171156	0.63159	-1.58331	5.64654	8.89397	1.40011	1
cg07511934	ANKRD11	0.0117689	0.579599	0.78312	-1.27694	0.0907823	2.25698	2.25698	0.429071	1.42288	1.42288	0.0325843	0.335288	-2.98251	0.030873	0.330395	-3.02668	0.610422	1.25167	1.25167	0.00134547	0.130677	-7.65246	0.0505271	2.64754	2.64754	0.861452	0.92652	-1.07931	5.60875	16.9552	2.6871	1
cg06039074	ANKRD11	0.0119515	0.0150507	0.553116	-1.80794	0.626492	1.10208	1.10208	0.0238416	0.585999	-1.70649	0.00951235	0.521519	-1.91747	0.402597	0.843866	-1.18502	0.328366	1.22133	1.22133	0.00473655	2.10332	2.10332	0.745467	1.06668	1.06668	0.394913	0.841403	-1.18849	5.58082	3.47162	0.552945	1
cg07661162	ANKRD11	0.0126235	0.124974	0.836909	-1.19487	0.740557	1.03626	1.03626	0.171214	0.855404	-1.16904	0.833298	0.977659	-1.02285	0.439013	1.0883	1.0883	0.584545	1.06098	1.06098	0.000254058	1.90829	1.90829	0.926517	1.00994	1.00994	0.604031	0.945456	-1.05769	5.48246	0.997893	0.161792	1
cg05780014	ANKRD11	0.0129493	0.425062	0.848108	-1.1791	0.00409139	2.17962	2.17962	0.0133888	1.85799	1.85799	0.478826	1.15675	1.15675	0.0433897	0.625104	-1.59973	0.321807	0.813017	-1.22999	0.0330122	0.603977	-1.65569	0.122739	1.40244	1.40244	0.415207	0.844988	-1.18345	5.43708	3.52221	0.575834	1
cg09420319	ANKRD11	0.0130598	0.181439	2.14708	2.14708	0.00308702	8.85751	8.85751	0.0851061	2.78823	2.78823	0.00447712	7.70255	7.70255	0.172687	2.18512	2.18512	0.350013	1.67891	1.67891	0.440684	0.654738	-1.52733	0.00712727	6.50134	6.50134	0.0110974	5.55762	5.55762	5.42201	24.9128	4.08423	1
cg26536240	ANKRD11	0.0147544	0.0604221	2.24878	2.24878	0.00709882	3.7855	3.7855	0.00725887	3.76404	3.76404	0.780582	1.11279	1.11279	0.451304	1.34141	1.34141	0.349866	1.44526	1.44526	0.0232143	0.353994	-2.82491	0.0157289	3.10437	3.10437	0.767278	0.892633	-1.12028	5.20904	12.084	2.06206	1
cg10452248	ANKRD11	0.0163879	0.50443	1.12086	1.12086	0.0714496	0.712429	-1.40365	0.664673	0.929174	-1.07623	0.2532	1.22263	1.22263	0.681962	0.932953	-1.07187	0.625471	1.08639	1.08639	0.00152765	2.15638	2.15638	0.947934	0.989061	-1.01106	0.00916416	0.572694	-1.74613	5.03071	2.26042	0.399399	1
cg09220891	ANKRD11	0.0176245	0.00878368	5.23769	5.23769	0.425058	0.667512	-1.4981	0.0277531	3.63575	3.63575	0.36801	0.632034	-1.58219	0.0643369	0.356547	-2.80468	0.131676	0.445991	-2.2422	0.23512	1.8542	1.8542	0.0104171	4.95538	4.95538	0.334887	1.63797	1.63797	4.90977	19.145	3.46611	1
cg06365976	ANKRD11	0.0181234	0.0101808	0.381381	-2.62205	0.224571	0.684213	-1.46153	0.341113	0.746906	-1.33886	0.586335	0.84921	-1.17756	0.00202022	0.273764	-3.65278	0.0787789	0.559504	-1.7873	0.0025613	0.288148	-3.47043	0.724166	0.899964	-1.11116	0.363193	0.757301	-1.32048	4.86394	6.8168	1.24578	1
cg01881136	ANKRD11	0.0184291	0.00853608	10.4125	10.4125	0.00198229	21.1183	21.1183	0.0420749	5.13066	5.13066	0.122985	3.21117	3.21117	0.442295	1.72797	1.72797	0.0590063	4.43088	4.43088	0.055048	4.56638	4.56638	0.0389372	5.3061	5.3061	0.00982362	9.7633	9.7633	4.83661	37.3369	6.8619	1
cg08057432	ANKRD11	0.0187572	0.0142789	0.314625	-3.17839	0.221771	0.611453	-1.63545	0.628771	0.829918	-1.20494	0.638482	1.19853	1.19853	0.562873	0.799431	-1.25089	0.513092	0.775824	-1.28895	0.000379795	0.113906	-8.77919	0.813782	0.913658	-1.0945	0.626509	0.828883	-1.20644	4.80791	11.1513	2.06167	1
cg26666886	ANKRD11	0.0188759	0.764509	1.06867	1.06867	0.906915	1.0262	1.0262	0.0151256	0.516916	-1.93455	0.241121	0.762406	-1.31164	0.000742962	0.322347	-3.10224	0.638193	0.900588	-1.11039	0.0195423	0.535869	-1.86613	0.176387	0.727789	-1.37402	0.158914	0.716866	-1.39496	4.79768	3.71359	0.688035	1
cg00345343	ANKRD11	0.0193834	0.169487	0.682833	-1.46449	0.095583	1.61163	1.61163	0.0851561	1.64241	1.64241	0.343544	1.28963	1.28963	0.00396286	0.364213	-2.74565	0.630228	0.881225	-1.13478	0.620344	1.13902	1.13902	0.822391	0.943078	-1.06036	0.00798205	0.412148	-2.42631	4.75481	5.11704	0.956606	1
cg05288253	ANKRD11	0.0196067	0.445051	0.821611	-1.21712	0.148918	1.47799	1.47799	0.152536	1.47219	1.47219	0.0338941	1.86841	1.86841	0.770886	0.928951	-1.07648	0.136041	1.49994	1.49994	0.141345	0.670855	-1.49064	0.000903268	3.50201	3.50201	0.509082	1.18418	1.18418	4.73639	4.77839	0.896771	1
cg05507697	ANKRD11	0.019852	0.333428	1.32891	1.32891	0.0029603	3.19857	3.19857	0.0102437	2.51543	2.51543	0.148881	1.55462	1.55462	0.676763	0.887371	-1.12692	0.354694	1.31177	1.31177	0.0109805	2.48322	2.48322	0.00939621	2.55623	2.55623	0.423756	1.2622	1.2622	4.71644	6.06806	1.14362	1
cg26946905	ANKRD11	0.0209532	0.0631035	2.62233	2.62233	0.00276907	6.70769	6.70769	0.435565	1.4432	1.4432	0.187436	1.90466	1.90466	0.375445	1.52121	1.52121	0.144358	2.06093	2.06093	0.0684716	0.390385	-2.56158	0.0273945	3.33166	3.33166	0.0170561	3.82375	3.82375	4.63056	15.5976	2.99415	1
cg05493336	ANKRD11	0.0222257	0.00916486	0.539345	-1.8541	0.570439	1.11291	1.11291	0.612189	0.909029	-1.10008	0.359515	1.19216	1.19216	0.00619564	0.5138	-1.94628	0.640545	0.916002	-1.0917	0.239602	0.794736	-1.25828	0.0364744	1.57389	1.57389	0.0560728	0.667839	-1.49737	4.53802	2.50167	0.490018	1
cg04035353	ANKRD11	0.0232136	0.283009	1.58867	1.58867	0.0904506	0.461099	-2.16873	0.0802491	0.446966	-2.2373	0.409282	1.41935	1.41935	0.101314	0.474972	-2.10539	0.00442145	0.206709	-4.83773	0.0346015	0.359725	-2.7799	0.300995	0.641005	-1.56005	0.00830413	0.246552	-4.05594	4.47058	12.1925	2.42424	1
cg27660627	ANKRD11	0.0249093	0.0170881	3.11721	3.11721	0.024221	2.85982	2.85982	0.00679292	3.94243	3.94243	0.00900159	3.66503	3.66503	0.143136	1.85041	1.85041	0.588867	0.807827	-1.23789	0.477749	1.32616	1.32616	0.107161	1.98929	1.98929	0.0261296	2.80711	2.80711	4.36274	10.5684	2.15326	1
cg09971754	ANKRD11	0.0255844	0.829152	0.953373	-1.04891	0.426323	1.19659	1.19659	0.68481	0.913777	-1.09436	0.0859509	0.657524	-1.52086	0.00881111	0.478591	-2.08947	0.836219	1.0468	1.0468	0.00353268	0.417353	-2.39605	0.11964	0.688591	-1.45224	0.0155416	0.519083	-1.92647	4.32231	3.34206	0.687298	1
cg02216295	ANKRD11	0.0256169	0.0100864	20.9341	20.9341	?	?	?	0.0124157	17.9044	17.9044	?	?	?	0.100372	4.57681	4.57681	?	?	?	?	?	?	0.186265	0.314267	-3.182	0.341497	2.21278	2.21278	7.06252	35.9979	5.09703	1
cg27206321	ANKRD11	0.0260513	0.579443	0.801985	-1.24691	0.775492	0.893406	-1.11931	0.241424	1.62151	1.62151	0.0293616	0.363649	-2.74991	0.00355595	0.210746	-4.74505	0.231492	0.60975	-1.64002	0.00724466	0.255197	-3.91854	0.446648	1.35766	1.35766	0.959899	1.02002	1.02002	4.29511	10.5699	2.18747	1
cg00206490	ANKRD11	0.026755	0.879852	1.03552	1.03552	0.00134543	0.341344	-2.9296	0.896299	1.03055	1.03055	0.171115	0.714429	-1.39972	0.242808	0.754234	-1.32585	0.293734	1.28572	1.28572	0.0397381	1.73096	1.73096	0.632447	1.11761	1.11761	0.367676	0.807729	-1.23804	4.25524	3.5886	0.749631	1
cg09938965	ANKRD11	0.0272448	0.0483989	0.582999	-1.71527	0.620979	1.12665	1.12665	0.700766	1.09678	1.09678	0.0340159	1.80762	1.80762	0.00265055	0.369778	-2.70433	0.973562	1.00796	1.00796	0.175258	0.708305	-1.41182	0.368858	1.24709	1.24709	0.223529	0.736413	-1.35793	4.22825	3.83312	0.805823	1
cg11673833	ANKRD11	0.0280438	0.0156547	0.502441	-1.99028	0.565282	0.87369	-1.14457	0.0108013	0.475305	-2.10391	0.0271003	0.544566	-1.83632	0.0158676	0.503449	-1.9863	0.870574	0.96283	-1.0386	0.106908	1.50511	1.50511	0.893234	1.03168	1.03168	0.992349	0.997775	-1.00223	4.18548	3.57705	0.759675	1
cg08927754	ANKRD11	0.028357	0.0494711	0.575856	-1.73655	0.050532	1.73092	1.73092	0.280151	1.31837	1.31837	0.204412	0.719128	-1.39057	0.0122562	2.15578	2.15578	0.101763	0.643381	-1.55429	0.0402957	0.558074	-1.79188	0.616403	0.88307	-1.13241	0.894176	1.03331	1.03331	4.16912	4.00234	0.853328	1
cg08721324	ANKRD11	0.0292119	0.688295	0.889677	-1.124	0.00550171	2.88032	2.88032	0.384736	1.29476	1.29476	0.101836	0.595047	-1.68054	0.00569405	0.349534	-2.86095	0.924302	1.02793	1.02793	0.604606	1.16348	1.16348	0.533001	1.20086	1.20086	0.771512	0.919059	-1.08807	4.12559	5.49019	1.1829	1
cg01744474	ANKRD11	0.02944	0.0785374	0.537119	-1.86178	0.0344888	0.456424	-2.19095	0.0317067	0.448878	-2.22778	0.910072	1.03659	1.03659	0.0626619	0.513598	-1.94705	0.512873	0.809701	-1.23502	0.00393745	0.291166	-3.43446	0.230164	1.49248	1.49248	0.0453052	0.481718	-2.0759	4.11424	6.59249	1.42432	1
cg06233738	ANKRD11	0.0335552	0.00276818	0.203754	-4.90789	0.00713156	0.261974	-3.81717	0.292368	0.656337	-1.52361	0.668082	0.84682	-1.18089	0.333387	0.680725	-1.46902	0.182514	0.579661	-1.72515	0.212891	1.65809	1.65809	0.579411	0.805899	-1.24085	0.624864	1.20919	1.20919	3.92642	9.23923	2.09164	1
cg09474599	ANKRD11	0.0343566	0.00479733	0.298012	-3.35557	0.0464011	2.09158	2.09158	0.298002	0.705435	-1.41757	0.136832	1.67927	1.67927	0.525823	0.812271	-1.23112	0.0482562	0.481886	-2.07518	0.755001	1.10655	1.10655	0.443403	1.28757	1.28757	0.273479	0.691698	-1.44572	3.89315	6.45052	1.47279	1
cg16593941	ANKRD11	0.0349507	0.83862	0.913622	-1.09454	0.0469577	0.365162	-2.73851	0.166314	0.520041	-1.92292	0.00339552	0.171307	-5.83746	0.00394929	0.179505	-5.57086	0.278236	0.606841	-1.64788	0.112391	0.465013	-2.15048	0.757163	0.871619	-1.14729	0.415553	0.691663	-1.44579	3.8691	12.0261	2.76288	1
cg05497216	ANKRD11	0.0355437	0.276689	0.82057	-1.21866	0.577681	0.906368	-1.1033	0.751512	1.05709	1.05709	0.194754	1.27091	1.27091	0.113043	0.73974	-1.35183	0.543416	0.898073	-1.1135	0.000809017	0.413457	-2.41863	0.620688	0.916502	-1.09111	0.988998	1.00241	1.00241	3.8456	1.86066	0.430081	1
cg04200026	ANKRD11	0.0391303	0.459652	1.43055	1.43055	0.00641743	5.39973	5.39973	0.036556	3.17573	3.17573	0.227527	1.82666	1.82666	0.031373	0.300944	-3.32288	0.661309	0.810851	-1.23327	0.0984987	2.36727	2.36727	0.360904	1.56315	1.56315	0.826353	0.900779	-1.11015	3.71303	13.3018	3.18442	1
cg03403525	ANKRD11	0.0395153	0.562384	1.1199	1.1199	0.00923357	0.527893	-1.89432	0.0219679	1.70118	1.70118	0.241376	1.26757	1.26757	0.854678	0.965174	-1.03608	0.481805	1.14824	1.14824	0.105005	1.40846	1.40846	0.939036	0.98532	-1.0149	0.0659182	0.671048	-1.49021	3.6997	2.19029	0.526237	1
cg10110957	ANKRD11	0.0395964	0.618872	0.804202	-1.24347	0.0257003	3.16221	3.16221	0.372613	1.48844	1.48844	0.462286	1.38423	1.38423	0.00939898	0.239133	-4.18177	0.770364	0.880574	-1.13562	0.0343128	0.342037	-2.92366	0.539976	1.30943	1.30943	0.132296	0.493724	-2.02542	3.69691	11.0546	2.65798	1
cg00432497	ANKRD11	0.0402333	0.942532	0.988395	-1.01174	0.0305021	1.50931	1.50931	0.131074	1.30207	1.30207	0.27899	0.833396	-1.19991	0.867626	0.973352	-1.02738	0.251641	1.21399	1.21399	0.00214222	2.01009	2.01009	0.90803	0.981462	-1.01889	0.455051	0.88409	-1.13111	3.67525	1.52595	0.369062	1
cg00837290	ANKRD11	0.0419934	0.843472	0.954713	-1.04744	0.592632	0.881081	-1.13497	0.438248	0.830809	-1.20365	0.0173017	0.506791	-1.9732	0.932332	1.02011	1.02011	0.237	1.33701	1.33701	0.00373749	2.50398	2.50398	0.748042	1.07848	1.07848	0.293112	0.774395	-1.29133	3.61754	3.14868	0.773684	1
cg09875780	ANKRD11	0.042428	0.67552	0.895332	-1.1169	0.053219	1.78036	1.78036	0.0158406	0.460165	-2.17313	0.432387	0.810237	-1.23421	0.0442356	0.545001	-1.83486	0.581375	0.863936	-1.15749	0.0326005	1.92865	1.92865	0.652243	1.12653	1.12653	0.24646	0.727378	-1.3748	3.60374	3.93671	0.971019	1
cg07708487	ANKRD11	0.0446154	0.807318	0.88104	-1.13502	0.212257	1.9759	1.9759	0.17872	2.09697	2.09697	0.940275	0.961905	-1.0396	0.0777229	0.361963	-2.76272	0.757665	1.174	1.174	0.0039321	0.133834	-7.47194	0.0688005	2.87385	2.87385	0.888078	0.92961	-1.07572	3.53687	15.0496	3.78229	1
cg00559967	ANKRD11	0.0457768	0.707549	0.941109	-1.06258	0.383145	0.865857	-1.15492	0.9647	1.00715	1.00715	0.0219288	1.55704	1.55704	0.853313	0.970631	-1.03026	0.00991726	0.59176	-1.68987	0.0476232	1.44028	1.44028	0.958765	0.991707	-1.00836	0.13656	1.29475	1.29475	3.50298	1.43908	0.365169	1
cg05638739	ANKRD11	0.0462442	0.52511	1.25504	1.25504	0.274498	1.49346	1.49346	0.0923844	1.92207	1.92207	0.641679	1.17977	1.17977	0.360321	0.717666	-1.39341	0.0654197	0.482141	-2.07408	0.022488	0.381271	-2.62281	0.0191846	2.71724	2.71724	0.468153	0.770744	-1.29745	3.48964	6.87764	1.75189	1
cg06411447	ANKRD11	0.0486493	0.384247	0.785453	-1.27315	0.0486121	1.83995	1.83995	0.0669171	1.74364	1.74364	0.184449	1.46384	1.46384	0.102804	0.616839	-1.62117	0.929395	1.02428	1.02428	0.0636554	0.568703	-1.75839	0.0244645	2.06592	2.06592	0.958896	0.986146	-1.01405	3.42352	3.97293	1.03154	1
cg27468976	ANKRD11	0.0488387	0.211749	2.10652	2.10652	0.00170627	12.6419	12.6419	0.02907	4.2927	4.2927	0.436332	1.56792	1.56792	0.588968	1.362	1.362	0.409705	1.61204	1.61204	0.469595	0.659242	-1.51689	0.239051	2.01037	2.01037	0.677895	0.789347	-1.26687	3.41849	17.366	4.51558	1
cg19498356	ANKRD12;ANKRD12	0.00242154	0.670058	0.941153	-1.06253	0.00039186	0.449543	-2.22448	0.00220418	0.54484	-1.8354	0.253754	1.18371	1.18371	0.302652	1.16311	1.16311	0.00846293	1.60915	1.60915	0.569086	0.921792	-1.08484	0.0858395	0.764421	-1.30818	0.0318839	0.700568	-1.42741	9.11714	2.89146	0.281908	1
cg25769020	ANKRD12;ANKRD12	0.00277732	0.0425492	0.778556	-1.28443	0.376267	1.10222	1.10222	0.217091	1.14936	1.14936	0.053851	1.26445	1.26445	0.581894	0.942133	-1.06142	0.00473798	0.668906	-1.49498	0.000189666	0.509422	-1.96301	0.429286	1.09034	1.09034	0.231617	1.14395	1.14395	8.75601	1.59331	0.161749	1
cg15775005	ANKRD12;ANKRD12	0.00287658	0.0894102	1.31109	1.31109	0.774306	1.04246	1.04246	0.355141	0.871472	-1.14748	0.834541	1.03071	1.03071	0.61966	1.07505	1.07505	0.00127834	0.506967	-1.97251	0.0287011	1.45238	1.45238	0.261407	1.18458	1.18458	0.000377287	0.439623	-2.27468	8.66545	2.87074	0.294476	1
cg05593726	ANKRD12;ANKRD12	0.0121746	0.0521361	0.541356	-1.84721	0.456705	1.23438	1.23438	0.186179	0.677499	-1.47602	0.279335	0.731657	-1.36676	0.00113622	0.264509	-3.7806	0.0130768	0.425228	-2.35168	0.00546598	0.362379	-2.75954	0.970826	1.01021	1.01021	0.62885	1.14488	1.14488	5.54743	6.78017	1.08642	1
cg25683752	ANKRD13A	0.0020216	0.217639	0.886035	-1.12862	0.177858	0.874958	-1.14291	0.709997	0.965752	-1.03546	0.64449	0.957577	-1.0443	0.0016453	1.52264	1.52264	0.460994	0.932375	-1.07253	0.000152746	0.545627	-1.83275	0.788389	1.02542	1.02542	0.00958153	0.736375	-1.358	9.61176	1.32497	0.122532	1
cg02408187	ANKRD13A	0.00321713	0.0149186	1.29671	1.29671	0.000518788	0.625069	-1.59982	0.300474	0.911082	-1.0976	0.00804639	1.34268	1.34268	0.020069	1.27567	1.27567	0.552531	0.949184	-1.05354	0.216819	0.893339	-1.1194	0.131346	0.86816	-1.15186	0.609877	1.04568	1.04568	8.38211	1.00004	0.106051	1
cg02580045	ANKRD13A	0.0176161	0.084394	0.552704	-1.80929	0.98802	0.995347	-1.00467	0.435887	0.781221	-1.28005	0.325086	1.3711	1.3711	0.000669772	0.198588	-5.03555	0.123151	0.595267	-1.67992	0.0428922	0.48492	-2.0622	0.415449	1.29502	1.29502	0.0664729	0.5277	-1.89502	4.91057	7.50266	1.3581	1
cg10418716	ANKRD13A	0.0185631	0.0143017	0.585183	-1.70887	0.00596584	1.89205	1.89205	0.868094	0.970946	-1.02992	0.124852	0.744751	-1.34273	0.037206	0.651139	-1.53577	0.0547515	0.679455	-1.47177	0.575174	0.904437	-1.10566	0.0567535	0.682149	-1.46596	0.753116	1.05757	1.05757	4.82482	2.40438	0.442965	1
cg24930634	ANKRD13A	0.0346309	?	?	?	0.186647	0.476294	-2.09954	0.853781	1.10269	1.10269	0.00103224	0.07609	-13.1423	0.337246	1.6891	1.6891	0.697442	1.22999	1.22999	0.755134	1.18029	1.18029	0.495945	1.44239	1.44239	0.816887	1.13076	1.13076	3.9452	15.5921	3.95217	1
cg12870014	ANKRD13A	0.0428824	0.881118	0.968264	-1.03278	0.919722	1.02196	1.02196	0.110959	1.45388	1.45388	0.0673331	1.55551	1.55551	0.0251509	1.7752	1.7752	0.129542	0.702611	-1.42326	0.778103	1.06277	1.06277	0.185968	1.35284	1.35284	0.0151303	0.525599	-1.90259	3.58951	2.64025	0.65382	1
cg21101720	ANKRD13B	0.000324183	0.00489408	4.57306	4.57306	0.00894978	3.87807	3.87807	0.136625	1.92261	1.92261	0.0987819	2.09144	2.09144	0.00285775	5.32891	5.32891	0.0048918	4.57365	4.57365	1.30E-05	41.686	41.686	0.000163215	13.7596	13.7596	0.00385098	4.89184	4.89184	16.1044	42.3827	2.33932	1
cg21086066	ANKRD13B	0.00413823	0.199106	0.752751	-1.32846	0.186328	1.3408	1.3408	0.843562	0.959486	-1.04223	0.00236646	0.411683	-2.42906	?	?	?	0.050035	0.626402	-1.59642	0.102201	0.687704	-1.45411	0.554063	1.13347	1.13347	0.00100302	2.77962	2.77962	7.94162	4.89882	0.616854	1
cg14215472	ANKRD13B	0.00468417	0.0271564	3.67385	3.67385	0.0440821	3.16162	3.16162	0.0624181	2.83938	2.83938	0.102595	2.43219	2.43219	0.00899195	5.22214	5.22214	0.0116984	4.79474	4.79474	0.000346942	17.5216	17.5216	0.00236055	8.25351	8.25351	0.0111387	4.87118	4.87118	7.48595	29.3562	3.48578	1
cg19782446	ANKRD13B	0.0167915	0.00619696	0.44114	-2.26685	0.152283	1.42135	1.42135	0.136806	1.44412	1.44412	0.357319	1.24242	1.24242	0.643922	0.898772	-1.11263	0.0331878	0.565019	-1.76985	0.785996	1.06439	1.06439	0.0626895	0.61862	-1.6165	0.00751487	0.454371	-2.20084	4.99003	4.15508	0.740158	1
cg05767546	ANKRD13C	7.68E-05	0.745866	1.05387	1.05387	0.672049	1.07111	1.07111	0.0842865	0.734828	-1.36086	0.0389733	1.47043	1.47043	1.58E-06	0.141852	-7.04962	0.0679634	1.3907	1.3907	0.00102337	0.455933	-2.19331	0.340906	1.17156	1.17156	0.0125999	0.606235	-1.64953	23.7531	9.79183	0.36643	1
cg03790236	ANKRD13D;ANKRD13D	0.000285116	0.412515	0.88214	-1.13361	1.87E-05	3.68354	3.68354	0.0254615	1.48802	1.48802	0.686017	1.06272	1.06272	0.305086	0.853033	-1.17229	0.0104975	0.617529	-1.61936	0.00622812	0.586422	-1.70526	0.00590421	0.583273	-1.71446	0.0337248	1.44942	1.44942	16.6807	5.91845	0.315385	1
cg19016062	ANKRD16	0.00898385	0.169581	0.81263	-1.23057	0.789868	1.0386	1.0386	0.169957	1.23032	1.23032	0.691416	1.05821	1.05821	0.215623	1.20298	1.20298	0.000435753	0.454572	-2.19987	0.0146281	1.53157	1.53157	0.602339	1.07739	1.07739	0.737735	0.953463	-1.04881	6.11586	1.94764	0.283073	1
cg18575406	ANKRD16;ANKRD16;ANKRD16;FBXO18	0.000886854	0.329552	1.23621	1.23621	0.64352	1.10319	1.10319	0.260347	1.28071	1.28071	0.206822	1.32388	1.32388	1.95E-05	0.161062	-6.20878	0.258437	0.779976	-1.28209	0.89435	1.0284	1.0284	0.0309758	1.70534	1.70534	0.0434377	1.63138	1.63138	12.1732	8.56225	0.625216	1
cg08252499	ANKRD16;ANKRD16;ANKRD16;FBXO18	0.0445791	0.932353	1.03453	1.03453	0.17933	0.565342	-1.76884	0.66494	1.19034	1.19034	0.695735	0.854575	-1.17017	0.886698	1.05866	1.05866	0.0345579	0.373267	-2.67905	0.0262262	0.348424	-2.87007	0.531121	1.28874	1.28874	0.00316078	0.199372	-5.01574	3.53794	8.95835	2.25074	1
cg15925325	ANKRD16;FBXO18;ANKRD16;ANKRD16; ANKRD16;ANKRD16;ANKRD16	0.0139343	0.599961	0.934328	-1.07029	0.266612	1.16017	1.16017	0.0489642	0.749341	-1.33451	0.0410227	0.738844	-1.35347	0.303307	0.872093	-1.14667	0.0191105	1.43914	1.43914	0.035017	0.729568	-1.37067	0.745991	1.0426	1.0426	0.00603244	1.58482	1.58482	5.30808	1.38514	0.231954	1
cg15189790	ANKRD17;ANKRD17	0.00105369	0.285743	1.10861	1.10861	4.51E-05	0.487779	-2.05011	0.269459	1.11287	1.11287	0.333486	0.911404	-1.09721	0.558072	1.05663	1.05663	0.0953429	0.843322	-1.18579	0.00752811	1.37689	1.37689	0.0126148	1.33432	1.33432	0.935447	0.992495	-1.00756	11.5932	1.5879	0.12175	1
cg09428766	ANKRD17;ANKRD17	0.0018601	0.00603033	0.546295	-1.83051	0.02231	0.630341	-1.58644	0.00764913	0.561131	-1.78212	0.364065	0.854543	-1.17022	0.000200868	0.349385	-2.86217	0.534416	0.899391	-1.11186	0.00214239	0.483505	-2.06823	0.261007	1.21842	1.21842	0.00288608	0.50131	-1.99478	9.84746	4.42949	0.399831	1
cg18025976	ANKRD17;ANKRD17	0.00553991	0.0312663	1.50944	1.50944	0.171259	0.788715	-1.26789	0.0241363	0.645244	-1.5498	0.942785	1.01176	1.01176	0.000229347	2.71043	2.71043	0.844321	1.03255	1.03255	0.83248	1.03512	1.03512	0.483983	1.12288	1.12288	0.248976	0.821734	-1.21694	7.11175	2.99025	0.373748	1
cg26831158	ANKRD17;ANKRD17	0.0167352	0.993152	1.00379	1.00379	0.546136	0.764191	-1.30857	0.965901	1.019	1.019	0.107367	2.16792	2.16792	0.00139641	0.130227	-7.6789	0.67782	1.20195	1.20195	0.00889798	4.33007	4.33007	0.200698	1.81314	1.81314	0.721318	0.854107	-1.17081	4.99563	15.3379	2.72911	1
cg10315333	ANKRD17;ANKRD17	0.0271567	0.757619	0.835434	-1.19698	0.367679	0.58422	-1.71169	0.277634	0.519034	-1.92666	0.371909	0.587138	-1.70318	0.0137971	0.17068	-5.85893	0.252197	0.499198	-2.00321	0.00275666	0.0908095	-11.0121	0.230079	2.07798	2.07798	0.0114446	0.159133	-6.28405	4.23306	22.6188	4.74966	1
cg17903879	ANKRD17;ANKRD17	0.028285	0.587272	0.92604	-1.07987	0.901357	1.01754	1.01754	0.982996	1.00299	1.00299	0.612193	1.0743	1.0743	0.10423	1.28277	1.28277	0.544563	1.08979	1.08979	0.00143498	0.524023	-1.90831	0.0227799	0.682435	-1.46534	0.384687	0.882534	-1.1331	4.17286	1.29905	0.27672	1
cg09570807	ANKRD17;ANKRD17	0.0322737	0.142147	0.527279	-1.89653	0.00476183	0.218687	-4.57274	0.846946	0.924619	-1.08153	0.869332	1.06906	1.06906	0.116381	0.50057	-1.99772	0.079815	0.454559	-2.19993	0.0102871	0.269409	-3.71182	0.0133936	0.288738	-3.46334	0.922111	1.04046	1.04046	3.98172	10.3733	2.31577	1
cg15614628	ANKRD17;ANKRD17;ANKRD17;ANKRD1 7	0.0418914	0.0400383	0.291692	-3.42827	0.00531073	0.133907	-7.4679	0.949763	1.03147	1.03147	0.00894734	0.166349	-6.01147	0.893344	1.06821	1.06821	0.614598	0.778462	-1.28458	0.978586	0.986887	-1.01329	?	?	?	0.20987	0.515595	-1.93951	4.4873	14.5514	2.43209	1
cg03576809	ANKRD18A;C9orf122	0.00269325	0.00420423	0.554798	-1.80246	0.0755503	1.35529	1.35529	0.471697	1.11908	1.11908	0.545893	0.910349	-1.09848	0.285502	0.843266	-1.18587	0.0665528	0.72894	-1.37186	0.000496875	2.31061	2.31061	0.0118509	1.62064	1.62064	0.116988	0.769744	-1.29913	8.83592	3.30494	0.332476	1
cg17605235	ANKRD18A;C9orf122	0.0329323	0.382359	0.805751	-1.24108	0.295086	1.29924	1.29924	0.654727	0.897162	-1.11463	0.0445602	1.74382	1.74382	0.101417	0.648967	-1.54091	0.0647744	0.6065	-1.64881	0.102851	0.650357	-1.53762	0.00774371	2.28097	2.28097	0.661714	0.899294	-1.11198	3.95297	3.63874	0.818229	1
cg13610497	ANKRD19	6.14E-06	0.463379	1.0361	1.0361	0.297498	0.949978	-1.05266	0.31923	0.952268	-1.05012	0.122461	1.08277	1.08277	0.000789793	0.785843	-1.27252	0.320889	0.952438	-1.04994	5.02E-07	0.512922	-1.94961	5.75E-06	1.62438	1.62438	0.00240379	1.22252	1.22252	46.0379	1.64605	0.0317816	1
cg20163243	ANKRD19	0.00108695	0.0675116	0.678825	-1.47313	0.102345	1.40226	1.40226	0.306197	1.22183	1.22183	3.92E-05	4.43137	4.43137	0.723527	0.935035	-1.06948	0.0261787	1.6469	1.6469	0.941378	1.01401	1.01401	0.000948465	2.53931	2.53931	0.115776	1.38169	1.38169	11.4912	6.50916	0.503508	1
cg14507792	ANKRD19	0.00153937	0.46775	0.855167	-1.16936	5.34E-05	0.202613	-4.93552	0.160476	0.727977	-1.37367	0.364368	1.21821	1.21821	0.972892	0.99283	-1.00722	0.0587436	0.636296	-1.5716	0.0178233	1.8403	1.8403	0.210892	1.322	1.322	0.0130068	0.520705	-1.92047	10.4017	7.387	0.631266	1
cg14446107	ANKRD19	0.00314285	0.157916	0.799922	-1.25012	0.00552128	1.71476	1.71476	0.251181	0.837552	-1.19396	0.630271	0.930798	-1.07435	0.00866335	0.609703	-1.64014	0.0761287	0.746914	-1.33884	0.699332	1.05906	1.05906	0.000680499	2.15472	2.15472	0.0517298	0.720825	-1.3873	8.44062	2.92268	0.30779	1
cg02436990	ANKRD19	0.00469927	0.922801	1.02251	1.02251	0.839741	1.04759	1.04759	0.567183	1.14203	1.14203	0.0138957	2.00944	2.00944	0.976351	1.00683	1.00683	0.395918	1.22095	1.22095	0.471211	0.845105	-1.18328	7.73E-05	5.17276	5.17276	0.0540222	1.65232	1.65232	7.47863	6.24491	0.742253	1
cg13888858	ANKRD19	0.0240769	0.223635	0.738602	-1.35391	0.344142	0.793789	-1.25978	0.0722408	1.60874	1.60874	0.397942	1.22766	1.22766	0.146015	0.690829	-1.44754	0.300889	0.775664	-1.28922	0.242092	0.748151	-1.33663	0.00143598	2.98086	2.98086	0.82314	1.05448	1.05448	4.4145	3.92669	0.790664	1
cg26947060	ANKRD19	0.0382352	0.0642369	0.737189	-1.3565	0.483351	1.11011	1.11011	0.183992	0.813291	-1.22957	0.0685826	0.741608	-1.34842	0.0608817	0.733591	-1.36316	0.101209	0.768607	-1.30105	0.00864887	0.61211	-1.63369	0.00808189	0.608107	-1.64445	0.832332	1.03158	1.03158	3.74467	1.27523	0.302707	1
cg10324615	ANKRD19	0.0415482	0.900632	1.02313	1.02313	0.0981559	0.717435	-1.39385	0.0880727	0.708537	-1.41136	0.85173	1.03484	1.03484	0.339407	1.19751	1.19751	0.124606	1.35575	1.35575	0.026701	1.61709	1.61709	0.0136165	0.571941	-1.74843	0.379957	1.17923	1.17923	3.63185	1.9274	0.471728	1
cg01262952	ANKRD1;ANKRD1	0.00818068	0.0340289	2.27929	2.27929	0.000491916	6.15621	6.15621	0.86977	0.94683	-1.05616	0.0549483	2.06414	2.06414	0.463547	0.780018	-1.28202	0.0439243	2.16196	2.16196	0.0542978	2.06924	2.06924	0.0054646	3.37622	3.37622	0.0714475	1.95487	1.95487	6.29969	11.0623	1.5609	1
cg08222798	ANKRD20A2;ANKRD20A3	0.00600581	0.220485	1.09719	1.09719	0.000686477	0.688438	-1.45256	0.130031	0.888912	-1.12497	0.417448	0.942077	-1.06148	0.00110132	0.707197	-1.41403	0.261077	1.08806	1.08806	0.217943	0.9109	-1.09782	0.0640299	0.860817	-1.16169	0.859796	1.01281	1.01281	6.93709	0.569658	0.0729935	1
cg13773678	ANKRD20A3;ANKRD20A1	0.0161256	0.00206241	0.556989	-1.79537	0.0456959	0.734235	-1.36196	0.636295	0.937786	-1.06634	0.0419805	0.729039	-1.37167	0.968646	1.00531	1.00531	0.621769	0.935142	-1.06936	0.0257008	0.699576	-1.42944	0.0946481	1.28109	1.28109	0.0176756	0.677657	-1.47567	5.05781	1.45658	0.255987	1
cg24524352	ANKRD20B	1.28E-05	0.00772519	2.21759	2.21759	0.845057	1.04659	1.04659	0.00272483	2.61999	2.61999	0.0380657	0.571435	-1.74998	0.124934	0.679384	-1.47192	0.0143204	0.495177	-2.01948	?	?	?	2.64E-07	34.9166	34.9166	0.123517	1.47442	1.47442	39.0518	29.7789	0.76255	1
cg08721908	ANKRD20B	0.00047433	0.00646726	0.586986	-1.70362	0.0571199	0.723339	-1.38248	0.000365952	2.36077	2.36077	0.158136	1.25489	1.25489	0.605794	1.08149	1.08149	0.130946	1.27814	1.27814	0.00174929	1.95674	1.95674	0.000111689	2.77916	2.77916	0.47239	0.895849	-1.11626	14.5008	5.20006	0.318759	1
cg23426231	ANKRD20B	0.00349545	0.379895	0.905487	-1.10438	0.00180961	0.613277	-1.63058	0.0321618	0.758369	-1.31862	0.137926	1.19253	1.19253	0.350976	1.11161	1.11161	0.321851	1.11941	1.11941	0.00208391	1.61205	1.61205	0.0208104	0.735898	-1.35888	0.0369421	0.765616	-1.30614	8.17699	1.57331	0.171028	1
cg13149744	ANKRD20B	0.00354393	0.00127606	0.641854	-1.55799	0.19593	0.878918	-1.13776	0.0108998	0.739618	-1.35205	0.529922	0.941716	-1.06189	0.000451046	0.593353	-1.68534	0.218352	1.12997	1.12997	0.194033	1.13846	1.13846	0.0330493	0.790398	-1.26518	0.10524	0.846159	-1.18181	8.14334	1.14868	0.125384	1
cg08446121	ANKRD20B	0.0043157	0.00374402	4.14491	4.14491	0.0124482	3.0949	3.0949	0.737636	1.1299	1.1299	0.00533979	3.79286	3.79286	0.628407	0.837647	-1.19382	0.026673	0.385184	-2.59616	0.0568637	0.457079	-2.1878	0.0543101	2.21061	2.21061	0.0486058	0.441182	-2.26664	7.67436	16.0392	1.85775	1
cg00518770	ANKRD20B	0.00626544	0.196339	0.625407	-1.59896	0.0371304	0.435456	-2.29644	0.00880501	0.317928	-3.14536	0.257916	0.666592	-1.50017	0.0113565	0.336608	-2.97082	0.00672483	0.298989	-3.34461	0.000342631	0.137978	-7.24751	0.0574428	0.477953	-2.09225	0.0157516	0.361841	-2.76364	6.84692	12.7986	1.66156	1
cg23363202	ANKRD20B	0.0315954	0.522979	0.857249	-1.16652	0.777	0.934671	-1.0699	0.206472	1.37304	1.37304	0.156568	1.43411	1.43411	0.223416	1.35575	1.35575	0.274854	1.31037	1.31037	0.537174	1.16029	1.16029	0.000605178	3.51811	3.51811	0.726378	0.919807	-1.08718	4.01209	3.597	0.796925	1
cg08463813	ANKRD20B	0.0415206	0.0479701	0.789801	-1.26614	0.182078	0.862578	-1.15932	0.450216	1.08362	1.08362	0.0912756	0.823556	-1.21425	0.0892174	0.822326	-1.21606	0.00575778	0.685426	-1.45895	0.786403	0.972047	-1.02876	0.102221	1.20524	1.20524	0.139688	0.847142	-1.18044	3.63274	0.626809	0.153373	1
cg01561719	ANKRD22	0.000181257	0.489129	0.912782	-1.09555	0.00987209	0.654777	-1.52724	1.72E-05	0.318323	-3.14146	4.92E-05	0.371419	-2.69237	0.295895	0.868691	-1.15116	0.0258236	1.41018	1.41018	0.00170111	0.558741	-1.78974	0.0713227	0.769827	-1.29899	0.0157328	0.680865	-1.46872	18.8674	5.04016	0.237454	1
cg04435807	ANKRD22	0.00330214	0.915907	1.02622	1.02622	0.653759	1.117	1.117	0.00146165	0.324286	-3.0837	0.00535864	0.407085	-2.45649	0.00193513	0.341313	-2.92986	0.113157	0.655407	-1.52577	0.00675488	0.422956	-2.36431	0.0287957	1.88109	1.88109	0.247612	0.743621	-1.34477	8.31718	7.91053	0.845428	1
cg11177614	ANKRD22	0.0118403	0.692541	1.08206	1.08206	0.0207228	0.575419	-1.73786	0.000347136	0.319226	-3.13258	0.899625	0.975269	-1.02536	0.0274471	0.595938	-1.67803	0.694211	1.08157	1.08157	0.246914	0.786419	-1.27159	0.588373	1.11453	1.11453	0.314743	0.813588	-1.22912	5.59776	3.4913	0.554397	1
cg03818395	ANKRD22	0.0188573	0.00311035	0.142806	-7.0025	0.0643824	0.367889	-2.71821	0.0389122	0.316475	-3.15981	0.0224088	0.268082	-3.7302	0.00723735	0.188697	-5.29951	0.143691	0.469522	-2.12983	0.00858988	0.199287	-5.01788	0.194361	0.516489	-1.93615	0.0471206	0.33511	-2.98409	4.79928	17.6023	3.26018	1
cg03249630	ANKRD22	0.029502	0.978266	0.991564	-1.00851	0.14473	0.614385	-1.62764	0.0153297	0.396295	-2.52337	0.110719	0.582475	-1.71681	0.142002	0.61204	-1.63388	0.573009	1.19377	1.19377	0.0392648	2.09963	2.09963	0.0215124	2.3602	2.3602	0.24894	0.687447	-1.45466	4.11117	6.29716	1.36153	1
cg14942495	ANKRD22	0.0382986	0.12753	0.620672	-1.61116	0.0194373	2.26551	2.26551	0.00891943	2.61957	2.61957	0.731464	0.9051	-1.10485	0.604737	0.859731	-1.16315	0.663933	0.881142	-1.13489	0.757527	0.914265	-1.09377	0.125606	0.618926	-1.6157	0.097661	0.590964	-1.69215	3.7424	4.96566	1.17944	1
cg15945235	ANKRD22;ANKRD22	0.0167567	0.0257011	0.37195	-2.68853	0.0402588	0.412913	-2.42182	0.0112692	0.305774	-3.27039	0.00122077	0.170953	-5.84954	0.31599	0.679103	-1.47253	0.296355	0.667529	-1.49806	0.0107081	0.302011	-3.31114	0.863129	0.937623	-1.06653	0.128251	0.541326	-1.84732	4.99348	11.0191	1.96151	1
cg07490070	ANKRD23	0.00411682	0.260158	1.55408	1.55408	0.0108301	3.3243	3.3243	0.127165	1.8575	1.8575	0.984052	0.992525	-1.00753	0.0729379	2.11875	2.11875	0.0166832	2.99506	2.99506	0.000208379	10.2748	10.2748	0.0013396	5.75296	5.75296	0.159535	1.7581	1.7581	7.7846	17.3719	1.98362	1
cg05501761	ANKRD23	0.00423095	0.00798624	3.1167	3.1167	0.000933973	5.21509	5.21509	0.0285506	2.37231	2.37231	0.974701	1.01066	1.01066	0.0556082	2.06518	2.06518	0.0666552	1.98882	1.98882	0.000823206	5.39171	5.39171	0.0051872	3.43355	3.43355	0.0206834	2.53841	2.53841	7.72055	13.6691	1.57376	1
cg25800500	ANKRD23	0.0126825	0.0513804	2.77442	2.77442	0.00501676	5.51696	5.51696	0.172592	1.94994	1.94994	0.192003	1.88769	1.88769	0.0555186	2.7137	2.7137	0.0293152	3.2577	3.2577	0.0017816	7.73728	7.73728	0.00475319	5.61142	5.61142	0.0309271	3.20801	3.20801	5.47414	18.3486	2.97944	1
cg13504105	ANKRD23	0.0246566	0.652407	1.0717	1.0717	0.204241	1.22705	1.22705	0.634716	1.07583	1.07583	0.806124	1.03827	1.03827	0.000658051	2.21897	2.21897	0.919624	1.01553	1.01553	0.0164618	1.56457	1.56457	0.391706	0.874572	-1.14342	0.877467	1.02384	1.02384	4.37823	1.61733	0.328358	1
cg00270460	ANKRD23	0.0330327	0.14845	0.662045	-1.51047	0.00544784	0.377999	-2.64551	0.164569	0.673977	-1.48373	0.866814	1.04567	1.04567	0.0259789	0.494996	-2.02022	0.964981	0.988386	-1.01175	0.0136937	0.444331	-2.25057	0.262505	1.3646	1.3646	0.0767516	0.592289	-1.68837	3.94865	4.4277	0.996729	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1221 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Error
cg24461524	ANKRD24	1.46E-05	1.205365	4.86393	4.52E-05	0.273787	-1.65247	0.228201	0.8087	01	-1.22655	4.58E-06	1.070931	-5.85E-06	0.0297725	0.6500932	-1.53626	3.95E-05	1.262706	-3.74243	0.001050	07	0.443127	-2.25609	0.001518	16	0.383156	-2.62222	0.000430	49	0.902548	-2.54746	12.2536	14.3962	0.39675	1
cg05255580	ANKRD24	0.000102	0.002820	68	0.296681	-3.37062	0.000178	35	0.15325	-6.52529	0.0229187	0.447604	-2.23412	0.0158492	0.417766	-2.39368	2.90E-05	0.0886014	-11.2865	0.370649	0.762207	-1.31198	0.93E-06	0.0584721	-17.1022	0.436226	1.26442	1.26442	0.422956	0.785252	-1.27348	22.0235	30.4311	1.22822	1
cg25440353	ANKRD24	0.000105416	0.014076	0.427712	-2.33802	0.485499	0.826879	-1.20937	0.00100336	0.269844	-3.70585	0.00659759	0.388274	-2.5755	0.316906	0.757668	-1.31984	0.715322	1.10323	1.10323	1.71E-06	0.0401836	-24.8858	0.000818024	0.258473	-1.86887	0.0110799	0.425548	-2.34991	21.8302	24.873	1.01278	1
cg08836009	ANKRD24	0.010393251	0.016793	0.359637	-2.78043	0.0017929	0.210789	-4.74009	0.00348286	0.249237	-4.01224	0.90809	0.060397	-1.0413	0.00382218	0.254907	-3.92196	0.163128	0.552869	-1.80875	0.00274921	0.105723	0.945865	0.15537	0.563608	-1.77428	0.00847868	0.281575	0.355146	0.0609	20.4112	2.00237	1
cg19017185	ANKRD24	0.00260787	0.012805	0.418873	-2.38736	0.00246432	0.305718	-3.27099	0.136344	0.636538	-1.571	0.158041	0.653804	-1.52928	0.00772188	0.836563	-2.62011	0.036993	0.42402	-2.35838	0.00406347	0.212193	-4.7127	0.00491618	0.215159	-4.64773	0.0586748	0.548207	-2.82413	8.92034	11.1917	1.11522	1
cg18735136	ANKRD24	0.00294389	0.233095	1.24462	1.24462	0.336466	1.18941	1.18941	0.372525	1.17379	1.17379	0.941055	0.98714	-1.01303	0.00010125	0.299486	-3.33906	0.105625	0.733889	-1.3626	0.00902594	1.78774	1.78774	0.312394	0.832853	-1.20069	0.972861	1.00597	1.00597	8.60624	4.17538	0.431251	1
cg26860780	ANKRD24	0.00332619	0.489216	0.545607	-1.37053	0.0603821	0.19871	-5.03048	0.0108046	0.656373	-1.52407	0.419528	0.831588	-1.20852	0.6146-05	0.189184	-5.2351	0.019014	0.502002	-1.99252	0.0132838	1.55682	1.55682	0.188502	1.36562	1.36562	0.133707	0.696464	-1.41582	8.37509	6.63437	0.704138	1
cg12040834	ANKRD24	0.00352726	0.032094	1.37958	1.37958	0.00443083	0.23688	2.03688	0.99466	1.00086	1.00086	0.315115	0.821803	-1.22684	0.00633653	0.57769	1.57769	0.037017	0.732946	-1.36436	0.17749	0.832063	-1.20183	0.16383	0.875688	-1.14196	0.198514	0.840036	-1.19043	8.15485	2.12533	0.231664	1
cg07615493	ANKRD24	0.0104168	0.194579	0.534706	-1.87019	0.0121742	0.240404	-4.15967	0.150159	0.494723	-2.02133	0.940589	0.966565	-1.03459	0.0186936	0.27245	-3.67039	0.202899	0.541579	-1.84645	0.000446332	0.0798691	-12.5205	0.0103747	0.229286	-4.36136	0.0729994	0.401591	-2.4901	5.8338	19.2314	2.93027	1
cg30437138	ANKRD24	0.01938318	0.113994	0.49026	-2.04003	0.0405751	0.246558	-3.8413	0.534786	0.875735	-1.1419	0.654883	0.713033	-1.40233	0.0254968	0.377545	-2.64803	0.127382	1.41624	1.41624	0.40037	1.17619	0.459577	0.899982	-1.11485	0.00283916	0.420051	-2.38066	4.75494	3.35548	0.627274	1
cg03997249	ANKRD24	0.78204	0.880877	-1.13523	0.047662	0.35495	-2.8173	0.0189864	0.272816	-3.66547	0.309738	0.618333	-1.61725	0.0341953	0.322981	-3.09616	0.075634	0.404778	-2.47049	0.00109373	0.110488	-9.05069	0.156833	0.500305	-1.99878	0.496795	0.729398	-1.37099	4.27873	14.1737	2.94453	1
ch.19.2282779	ANKRD24	0.01509643	0.027727	0.338786	-2.95173	0.0184673	0.26376	-2.75977	0.0163749	0.360522	-2.76483	0.0206602	0.377565	-2.65196	0.0197373	0.344385	-2.90319	0.619441	0.839305	-1.19146	0.0767254	0.502168	-1.99137	0.0832099	0.481223	-2.07804	0.198184	0.621359	-1.60937	0.194601	7.65139	1.72357	1
cg07831068	ANKRD24	0.042599	0.012168	0.145641	-6.86359	0.0474482	0.246459	-0.08748	0.106025	0.53673	-2.96974	0.278922	0.499517	-2.00193	0.029001	0.204534	-4.88917	0.216836	0.448783	-2.22825	0.00581778	0.107861	-9.27117	0.0324485	0.213568	-4.68236	0.189141	0.424138	-2.35773	3.59836	21.6654	5.35192	1
cg05075545	ANKRD24	3.62E-08	0.065493	-15.269	0.000116233	0.38153	-2.62103	1.40E-07	0.0941761	-10.6184	1.73E-06	0.0941761	-10.6184	1.73E-06	0.181420	-5.5118	3.24E-08	0.0758217	-17.2468	0.0161526	0.657148	-1.52173	1.64E-08	0.0447547	-22.2942	4.97E-08	0.0674701	-14.8214	5.30E-07	0.136656	-7.31766	170.048	54.8126	0.286521	1
cg20982198	ANKRD26	0.00294375	0.019437	0.353818	-1.81347	0.4723297	1.16614	1.16614	0.336094	1.23544	1.23544	0.00067848	0.335154	-2.9837	0.534232	1.141552	1.14155	0.20879	1.32131	1.32131	0.01502	1.87502	1.87502	0.478696	1.16352	1.16352	0.623335	0.001141	-1.1097	0.34774	4.4456	6.622527	1
cg26709251	ANKRD26	0.0117731	0.010848	0.136979	-7.3004	0.296273	0.650589	-1.53707	0.764795	1.12488	1.12488	0.00380459	0.17941	-5.57381	7	7	7	0.100369	0.482246	-2.07363	0.00324857	0.169491	-5.90003	0.23918	0.61197	-1.63402	0.259732	0.626438	-1.59633	7.599	15.6379	1.54342	1
cg10415275	ANKRD26	0.0490867	0.012665	0.357958	-1.92863	0.0635599	1.26645	1.26645	0.00536867	1.51664	1.51664	0.603553	0.942397	-1.06122	0.561646	0.935703	-1.06872	0.79253	1.0303	1.0303	0.0620742	0.788288	-1.26857	0.646195	0.949002	-1.05374	0.904674	0.986524	-1.01366	3.99623	0.689817	0.180544	1
cg17165760	ANKRD26;ANKRD26	0.00773076	0.006357	-2.34234	-2.92103	0.798858	1.07972	1.07972	0.025003	2.23689	2.23689	0.96466	1.00086	-1.06385	0.0162892	2.055929	-3.90734	0.0328468	0.470652	-2.12471	7	7	0.906304	0.965076	-1.03619	0.389956	1.30409	1.63946	0.54474	8.39818	1.28319	1
cg26646567	ANKRD26P1	6.57E-07	0.00795771	0.623751	-1.6032	4.19E-07	0.13599	-7.35351	2.36E-06	0.203326	-4.9182	0.396874	1.1279	1.1279	2.49E-07	0.118402	-8.44579	0.634879	1.06862	1.06862	4.26E-06	0.229069	-4.3655	1.30E-06	0.178642	-5.5978	1.39E-05	0.284283	-3.51762	81.6227	24.8793	0.270941	1
cg02037347	ANKRD26P1	8.19E-06	0.00107363	0.914926	-1.09302	0.00305751	2.18915	2.18915	0.00013	2.66791	2.66791	0.0225384	0.793299	-1.39034	0.0041742	0.631571	1.58353	0.244672	1.163	1.163	0.00021436	2.153828	2.15388	5.71E-06	3.54696	1.54696	0.00651188	0.642284	-1.54971	42.2254	11.3862	0.216081	1
cg04577786	ANKRD26P1	5.68E-05	0.00250196	1.92708	1.92708	0.0115287	1.63812	1.63812	0.0570537	0.741391	-1.39979	0.00298899	1.8892	1.8892	0.00039535	2.4142	2.4142	1.71E-05	0.252273	-3.96397	0.00016652	2.76221	2.76211	0.00997031	1.66247	1.66247	0.173603	0.25376	1.25376	25.7364	9.94557	0.343502	1
cg00157913	ANKRD26P1	0.00409031	0.571173	0.555515	-1.54048	2.60E-05	0.137555	0.350881	0.0018357	0.495488	0.0012372	0.12372	0.38879	-2.57199	0.0001	0.245226	-4.07907	0.046526	0.0001503	0.0015014	0.3355435	0.377522	0.0009584	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg07194830	ANKRD26P1	0.00074966	0.750009	-1.92151	-1.08513	0.0568343	0.576444	-1.73477	0.00038999	0.235746	-4.24186	0.7928	0.934934	-1.06959	0.620401	1.1361	1.1361	0.637003	1.12917	1.12917	0.00012457	0.18103	-5.52395	0.457789	0.842488	-1.21317	0.000189643	0.200252	-4.9937	12.7857	13.2261	0.919509	1
cg01962727	ANKRD26P1	0.00212723	0.0370471	0.23685	2.36385	0.039471	2.3048	2.3048	0.256213	1.51507	0.596404	1.20606	1.20606	0.221128	2.64319	2.64319	0.259398	0.152729	2.15279	3.611E-05	16.2987	16.2987	0.00786488	3.30498	0.0194956	2.60067	2.60067	0.46096	18.4111	1.73002	1
cg02539206	ANKRD26P1	0.00246067	0.28796	1.3983	1.3983	0.0122486	0.387149	-2.58203	0.0623646	0.67554	-1.07544	0.0310249	0.836762	0.67554	-1.07544	0.0310249	0.836762	0.248557	1.44311	1.44311	0.0026724	0.518912	1.92785	0.54811	0.136492	1.62881	1.62881	0.00714282	2.87582	0.47982	2.10309	1.30194	1
cg26507637	ANKRD26P1	0.0123692	0.0456932	2.28612	2.28612	0.0502112	0.446763	-2.23832	0.622239	1.1963	1.1963	0.472209	0.768041	-1.30201	0.221939	1.58933	1.58933	0.198995	1.63206	1.63206	0.000550923	0.93121	0.93121	0.106877	1.88763	1.88763	0.133932	1.78594	1.78594	0.5189	11.3857	1.83381	1
cg27254546	ANKRD26P1	0.0109031	0.0109031	0.10268	-9.73042	0.0635599	1.26645	1.26645	0.00536867	1.51664	1.51664	0.603553	0.942397	-1.06122	0.561646	0.935703	-1.06872	0.079253	1.0303	1.0303	0.0620742	0.788288	-1.26857	0.646195	0.949002	-1.05374	0.904674	0.986524	-1.01366	3.99623	0.689817	0.180544	1
cg24916020	ANKRD27	0.00056239	0.029086	-1.98441	-1.01375	0.135196	0.781152	-1.28016	0.00201517	0.512622	-1.95076	0.587326	1.08768	1.08768	0.0194184	1.709528	1.40939	3.07E-05	0.286836	-3.48632	0.00175885	1.98099	1.98099	0.817875	1.96524	-1.03601	0.760338	0.954159	-1.04804	13.8311	1.15288	0.331163	1
cg08537017	ANKRD27	0.00065589	0.00287069	0.28758	-3.47729	0.161344	0.634751	-1.57542	0.00836537	0.559215	-1.78385	0.362667	0.752541	-1.32883	2.66-05	0.0758135	-13.1903	0.00480629	0.320791	-3.1173	0.000514755	0.192608	-5.1919	0.935543	1.02488	1.02488	0.3029447	0.723072	-1.38299	13.4864	19.7226	1.29992	1
cg18059215	ANKRD27	0.00294546	0.00103363	0.569139	-1.75706	0.0042312	0.197452	-5.06393	0.0013	0.282525	-3.54245	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg05355328	ANKRD27	0.00362056	0.000637979	0.360242	-2.77745	0.00584979	0.21949	0.21949	0.0016668	0.416434	-2.40134	0.802305	1.05008	1.05008	0.570186	1.11826	1.11826	0.811554	0.954529	-1.04764	0.604559	1.10712	1.10712	0.149143	0.739823	-1.35168	0.73842	0.838585	-1.19248	0.09131	-1.86277	0.534211	1
cg21301063	ANKRD27	0.00407328	0.0109334	0.1944	-5.14268	2.66E-05	0.137555	0.350881	0.0018357	0.495488	0.0012372	0.12372	0.38879	-2.57199	0.0001	0.245226	-4.07907	0.046526	0.0001503	0.0015014	0.3355435	0.377522	0.0009584	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg01442620	ANKRD27	0.0374373	0.0739594	0.502799	-1.98887	0.0131751	0.346084	-2.88948	0.296866	0.688392	-1.45266	0.465013	0.77359	-1.29267	0.00493282	0.276477	-3.61694	0.062513	0.484942	-2.0621	0.0371717	0.433779	-2.30532	0.514824	-2.2512	0.25612	0.0679746	0.493749	-2.02532	3.77365	7.12361	1.67798	1
cg21339552	ANKRD27/RGS9BP	0.0444339	0.3322	0.72085	-1.38725	0.523431	0.8093	-1.21564	0.00156678	0.226155	-4.42174	0.0735752	0.52064	-1.92071	0.126899	0.58262	-1.71636	0.827679	0.931154	-1.07394	0.0368891	0.452429	-2.21029	0.241865	0.669778	-1.49303	0.0536902	0.488291	-2.04706	1.54226	6.00618	1.50718	1
cg25339552	ANKRD27/RGS9BP	4.32E-05	0.404119	0.2475	-4.0404	2.60E-05	0.137555	0.350881	0.0018357	0.495488	0.0012372	0.12372	0.38879	-2.57199	0.0001	0.245226	-4.07907	0.046526	0.0001503	0.0015014	0.3355435	0.377522	0.0009584	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg01869405	ANKRD27/RGS9BP	0.00537297	0.0148655	0.448543	0.448543	0.587335	-0.766497	-1.30464	0.328117	0.6348	1.6348	0.0162925	0.34945	0.34945	0.405794	1.51222	1.51222	0.0565212	2.906	2.906	0.000410344	0.0529435	-18.8881	0.752804	1.16553	1.16553	0.436155	1.4713	1.4713	8.31076	30.2575	2.8317	1
cg08207094	ANKRD27/RGS9BP	0.00802084	0.0992351	0.412168	-2.42403	0.0170507	0.23179	-4.31379	0.0883838	0.53721	-1.13721	0.0883838	0.53721	-1.86075	0.0001	0.240551	-4.15672	0.0045625	0.470862	-2.12365	0.0114387	0.23682	-4.22307	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg15223102	ANKRD27/RGS9BP	0.0268526	0.0251813	0.709204	-1.41003	0.0648919	0.36077	-1.30677	0.137887	0.83167	-1.2209	0.51553	0.918422	-1.08882	0.63355	0.908197	-1.10108	0.298991	0.870287	-1.14905	0.494994	0.914452	-1.09355	0.0041313	0.551481	-1.8133	0.977936	1.00358	1.00358	0.249281	-1.12117	0.234503	1
cg16910767	ANKRD27/RGS9BP;RGS9BP	0.019269	0.0224127	0.721798	-1.38543	0.53779	1.07719	1.07719	0.0702547	1.27273	1.27273	0.0908771	0.800935	-1.24854	0.0982514	0.805636	-1.24126	0.883208	0.982634	-1.01767	0.0169067	0.706517	-1.41519	0.946972	1.12234	1.12234	0.276439	1.14444	1.14444	3.70821	0.834141	0.19995	1
cg09340198	ANKRD28	0.00102149	0.00401462	0.3514	-2.84557	0.0121435	0.276636	-3.6149	0.0276491	0.376222	-2.65801	0.404551	0.73023	-1.36979	0.0001	0.241616	-4.13939	0.003815	0.241416	-4.14167	0.0001	0.22	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg27274718	ANKRD28	0.00144291	0.040662	0.754385	-1.32558	0.216478	0.856329	-1.16778	5.29E-05	0.246205	-2.4605	0.27405	0.710278	0.812846	-1.23025	0.354603	1.1933	1.1933	0.0133716	1.44107	0.0070601	0.209723	1.29273	0.205237	1.17279	1.17279	0.452448	0.912759	-1.09558	10.6398	2.39651	0.200213	1
cg02534681	ANKRD28	0.00281014	0.0406602	0.754385	-1.32558	0.216478	0.856329	-1.16778	5.29E-05	0.246205	-2.4605	0.27405	0.710278	0.812846	-1.23025	0.354603	1.1933	1.1933	7.32E-06	0.706	0.0001	0.212808	1.32954	0.403888	1.2214	1.2214	0.0878877	1.55407	1.55407	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg01101773	ANKRD28	0.00611524	0.1074	0.527761	-1.8948	0.326044	0.691558	-1.44601	0.610007	0.829361	-1.20575	0.860209	0.937821	-1.0663	0.398777	0.73037	-1.36917	9.94E-05	0.081101	-12.3303	0.151521	1.74876	1.74876	0.667953	0.854744	-1.16994	0.243287	1.55903	1.55903	8.8985	14.453	1.8623	1
cg00375589	ANKRD28	0.0115746	0.172426	0.519049	-1.9267	0.0184119	0.4518	1.4518	0.0001	1.98525	1.98525	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ch.3.3604408	ANKRD28	0.00179523	0.00375475	0.453644	-2.20379	0.0566511	0.348403	-2.08159	0.0003	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg10854474	ANKRD28	0.0186754	0.884631	0.978516	-1.02196	0.000757628	2.14619	2.14619	0.119853	1.28714	1.28714	0.848064	1.02911	1.02911	0.650394	0.934027	-1.07063	0.18763	1.2323	1.2323	0.966895	1.00623	1.00623	0.0924582	0.75806	-1.31916	0.0351641	1.44347	1.44347	4.81501	1.70634	0.315005	1
cg00526328	ANKRD28	0.0147283	0.0647837	0.707373	-1.41377	0.0209904	0.29432	-3.39	0.0115986	0.421199	-2.37463	0.636006	0.97938	-1.02106	0.0488121	0.4914	-2.03497	0.017938	0.548546	-1.82314	0.0004	0.188613	-5.30179	0.821334	0.964408	-1.03691	0.324944	1.17687	1.17687	1.04675	1.68409	0.361387	1
cg07415654	ANKRD28	0.0458894	0.0964102	0.79049	-1.26504	0.190639	0.91541	-1.19541	0.523335	0.88687	-1.08687	0.040262	0.736635	-1.35752	0.0164231	0.685453	-1.45889	0.584596	0.17369	0.17369	0.0673552	1.30469	1.30469	0.438356	1.10717	1.10717	0.235478	1.17367	1.17367	3.49975	0.919461	0.233531	1
cg27440751	ANKRD29	0.00045037	0.0045037	0.19755	-5.04595	0.0033913	0.580392	-1.72182	0.0038656	0.709029	-1.42668	0.00084737	0.55656	-1.79675	0.0280099	0.571644	-1.74942	0.0190569	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg15393702	ANKRD29	0.00534255	0.0251864	0.423054	-2.36364	0.0370507	0.555107	-1.80145	0.0015847	0.198958	-5.02619	0.035851	0.454189	-2.20172	0.0164704	0.391208	-2.55619	0.0104554	0.352925	-2.83347	0.00130657	0.203387	-4.53742	0.00817451	0.134985	-7.98521	0.0231026	0.415705	-2.40555	7.05134	1.80925	0.449977	1
cg13421439	ANKRD29	0.0230176	0.0225079	0.13006	7.68911	0.0165351	0.233605	4.27813	0.0230176	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg25522239	ANKRD29	0.00304476	0.0597763	0.643214	-1.55413	0.0145351	0.233605	-4.27813	0.0230176	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg25386820	ANKRD29	0.0315411	0.12782	1.3217	1.2317	0.691548	0.950775	-1.05177	0.808726	0.969769	-1.03117	0.29758	1.14647	1.14647	0.0132032	1.47529	1.47529	0.0610684	0.765532	-1.30628	0.961522	1.00613	1.00613	0.748244	0.960059	-1.0416	0.00653405	0.639367	-1.56405	4.01456	1.01869	0.225555	1
cg18832233	ANKRD29	0.0098856	0.128223	0.523159	-1.91147	0.0163748	0.314716	-3.17747	0.0043019	0.222318	-4.49806	0.767928	0.880951	-1.13566	0.0179373	0.385224	-2.59588	0.161377	0.554725	-1.80269	0.0139388	0.588795	1.69875	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg20228542	ANKRD2;ANKRD2	0.00382799	0.110873	0.597429	-1.67384	0.95706	0.998405	-1.0016	0.555412	1.19348	1.19348	0.106926	0.596162	-1.6774	0.015118	0.412603	-2.42364	0.407081	0.776535	-1.28801	0.0153589	0.404004	-2.475	0.00750639	0.360431	-2.77446	0.975709	11.0828	1.23807	1
cg23287485	ANKRD2;ANKRD2	0.00409573	0.0017959	0.22274	-4.48954	0.165062	0.606106	-1.64988	0.352999	0.723881	-1.38144	0.363574	0.729276	-1.37122	0.00012767	0.104832	-9.53911	0.249155	0.665476	-1.50268	0.0307999	0.424192	-2.35742	0.282384	0.685445	-1.45891	0.0626079	0.492403	-2.03086	7.38547	13.3717	1.60937	1
cg06872272	ANKRD30A	2.16E-05	0.0009033	0.2268	-4.40992	0.0003	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg18493238	ANKRD30A	3.47E-05	8.48E-06	0.254575	-3.92658	0.00886702	1.6	1.6	7.78E-05	0.364544	-2.74315	0.00303756	0.436445	-2.29124	0.00044729	0.468955	-2.1324	0.000600361	0.473815	-2.11053	0.00138383	0.519836	-1.92368	0.00435909	0.584256	-1.71158	5.14E-05	0.343173	-2.91398	29.3157	9.24391	0.280287	1
cg15023313	ANKRD30A	9.68E-05	0.00011618	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg16300033	ANKRD30A	0.00054052	0.000597801	0.291596	-3.4294	0.314081	1.27407	1.27407	0.0014254	0.341801	-2.92568	0.0147154	0.497315	-2.0108	5.47E-05	0.174071	5.74477	0.230899	0.746479	-1.33962	0.931656	1.02016	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13859847	ANKRD34C	0.0192815	0.0358536	0.258012	-3.87579	0.00306704	0.105453	-9.48288	0.0166478	0.197466	-5.06415	0.192544	0.465223	-2.14951	0.0157997	0.193848	-5.15867	0.598318	0.744556	-1.34308	0.00520057	0.129233	-7.73797	0.092481	0.357961	-2.7936	0.0901083	0.354731	-2.81903	4.7633	23.224	4.33387	1
cg26891150	ANKRD34C	0.0287878	0.332761	0.64242	-1.55661	0.417393	0.692779	-1.44346	0.793688	1.12308	1.12308	0.768598	0.877512	-1.13959	0.0168719	0.274964	-3.63684	0.132635	0.487407	-2.05167	0.000799274	0.106222	-9.41426	0.566812	0.773826	-1.29228	0.0989107	0.448745	-2.22844	4.14698	12.8831	2.76143	1
cg25456849	ANKRD34C;ANKRD34C	0.00971803	0.330665	0.660592	-1.51379	0.348691	1.48961	1.48961	0.209126	1.72781	1.72781	0.0397317	2.67031	2.67031	0.442562	0.723679	-1.38183	0.516946	0.762304	-1.31181	0.044232	0.384943	-2.59779	0.000434416	9.95096	9.95096	0.317311	1.53264	1.53264	5.96488	16.1187	2.40201	1
cg06015523	ANKRD34C;ANKRD34C	0.0408702	0.153948	0.667973	-1.49707	0.0333187	0.518117	-1.93007	0.634509	0.881083	-1.13497	0.943669	0.981492	-1.01886	0.00755639	0.403125	-2.48062	0.0686451	0.583462	-1.71391	0.00733855	0.401058	-2.4934	0.110566	0.631496	-1.58354	0.638493	1.13326	1.13326	3.65401	4.04438	0.98385	1
cg10823926	ANKRD35	0.00264243	0.030952	0.683198	-1.4637	0.908272	1.01748	1.01748	0.000293862	0.411832	-2.42817	0.00308459	0.54384	-1.83878	0.585938	0.920609	-1.08624	0.0487171	0.712805	-1.40291	0.00064167	0.454788	-2.19883	0.0323625	0.68606	-1.4576	0.984833	1.00286	1.00286	8.88576	3.18273	0.318385	1
cg05263666	ANKRD35	0.0223433	0.479617	1.18592	1.18592	0.115717	1.50037	1.50037	0.0460106	0.581246	-1.72044	0.192924	1.38672	1.38672	0.640053	0.894267	-1.11823	0.871724	1.03909	1.03909	0.930572	0.979536	-1.02089	0.000990814	0.313142	-3.19344	0.343825	0.793437	-1.26034	4.52979	4.03911	0.792602	1
cg26537883	ANKRD35	0.03188	0.286409	0.762222	-1.31195	0.0149644	0.4801	-2.0829	0.00385724	0.384846	-2.59844	0.915455	1.02639	1.02639	0.0333797	0.543473	-1.84002	0.721528	0.915966	-1.09174	0.0851532	1.59494	1.59494	0.692659	0.907163	-1.10234	0.598004	0.877654	-1.1394	3.99925	3.8101	0.846847	1
cg17013132	ANKRD35	0.0477192	0.0834411	0.560842	-1.78303	0.058684	1.90513	1.90513	0.145384	1.60301	1.60301	0.815069	0.931729	-1.07327	0.0647958	0.53475	-1.87003	0.397317	0.769834	-1.29898	0.00949094	0.370886	-2.69625	0.742689	1.10454	1.10454	0.565533	1.19163	1.19163	3.44861	4.97526	1.28239	1
cg18762736	ANKRD35;ANKRD35	0.0288077	0.137152	0.625853	-1.59782	0.634087	0.869052	-1.15068	0.353188	1.32262	1.32262	0.00707135	0.361022	-2.76992	0.00356634	0.314867	-3.17594	?	?	?	0.503406	0.819747	-1.21989	0.295594	0.727993	-1.37364	0.402058	1.28534	1.28534	4.21629	5.08518	1.20608	1
cg06769620	ANKRD36	0.0157361	0.292889	1.1978	1.1978	0.130537	1.31009	1.31009	0.0112371	1.6911	1.6911	0.55032	1.10513	1.10513	0.555098	1.10377	1.10377	0.505114	1.11836	1.11836	0.00413766	0.529431	-1.88882	0.0684555	0.713626	-1.40129	0.0383729	1.4872	1.4872	5.0991	2.20956	0.385177	1
cg21404851	ANKRD36	0.0313829	0.144423	0.705312	-1.41781	0.00497145	0.436902	-2.28884	0.0294148	0.564848	-1.77039	0.900692	0.972583	-1.02819	0.377815	0.817499	-1.22324	0.786278	1.06239	1.06239	0.0264334	1.79693	1.79693	0.28573	1.28004	1.28004	0.984851	0.995781	-1.00424	4.02177	3.15848	0.698086	1
cg06584912	ANKRD36B;ANKRD36B	0.0326177	0.207405	0.868009	-1.15206	0.978331	0.997112	-1.0029	0.886812	1.01528	1.01528	0.374543	1.10191	1.10191	0.131165	1.1895	1.1895	0.0920951	0.820841	-1.21826	0.164797	0.854031	-1.17092	0.995585	0.999411	-1.00059	0.00183223	1.60214	1.60214	3.96661	0.712204	0.1596	1
cg06277849	ANKRD37	0.00513779	0.0371687	0.605041	-1.65278	0.00128264	0.377205	-2.65108	0.0206315	0.560471	-1.78421	0.997549	1.00064	1.00064	0.0682134	0.654361	-1.52821	0.232454	0.771003	-1.29701	0.00186104	0.399714	-2.50179	0.00130897	0.378419	-2.64257	0.0238744	0.571274	-1.75047	7.27789	4.97194	0.60725	1
cg26741686	ANKRD37	0.00748325	0.0481072	2.18049	2.18049	0.013242	2.88483	2.88483	0.0026111	4.215	4.215	0.0251982	2.50574	2.50574	0.510602	1.25896	1.25896	0.891956	0.954185	-1.04801	0.0239184	0.394603	-2.53419	0.402497	1.34401	1.34401	0.00521347	3.56804	3.56804	6.47854	12.2185	1.67644	1
cg19905754	ANKRD37;ANKRD37	0.000553496	0.125293	0.694164	-1.44058	0.147589	0.71045	-1.40756	0.973443	1.00735	1.00735	1.17E-05	0.129788	-7.70489	0.0778072	0.64972	-1.53912	0.13247	0.699638	-1.42931	0.0271561	1.77778	1.77778	0.276181	1.28303	1.28303	0.0439826	1.66409	1.66409	13.8926	10.6514	0.681507	1
cg22778132	ANKRD37;ANKRD37	0.0277811	0.969339	0.984754	-1.01548	0.143999	1.87276	1.87276	0.854693	1.07603	1.07603	0.942457	1.02927	1.02927	0.626876	1.2163	1.2163	0.725439	1.15135	1.15135	0.000556278	0.117546	-8.50731	0.331553	0.670033	-1.49246	0.800665	1.10641	1.10641	4.19937	10.6258	2.24918	1
cg26912078	ANKRD39	0.00107869	0.511743	1.09022	1.09022	0.00396033	0.604705	-1.6537	0.00505459	0.618028	-1.61805	0.101379	1.26217	1.26217	0.0982793	1.26539	1.26539	0.00135866	1.82883	1.82883	0.000752756	1.94136	1.94136	0.190818	1.19699	1.19699	0.0693109	0.768149	-1.30183	11.5162	3.07325	0.237212	1
cg25605045	ANKRD39	0.0106307	0.731194	0.943364	-1.06004	0.00349909	1.95375	1.95375	0.0253615	1.56731	1.56731	0.580992	1.09883	1.09883	0.880265	0.974838	-1.02581	0.912902	0.981672	-1.01867	0.00150562	0.461555	-2.16659	0.906982	0.980432	-1.01996	0.602811	1.09282	1.09282	5.79585	2.62378	0.4024	1
cg20091689	ANKRD39	0.0189676	0.593281	1.31404	1.31404	0.00555467	6.33162	6.33162	0.00314104	7.73181	7.73181	0.00598113	6.17326	6.17326	0.772274	1.15836	1.15836	0.117683	2.36498	2.36498	0.196256	1.9982	1.9982	0.738558	0.843926	-1.18494	0.0528466	3.04912	3.04912	4.78982	19.4685	3.61294	1
cg10277175	ANKRD39	0.0329741	0.714878	1.15874	1.15874	0.00660178	4.12155	4.12155	0.0165404	3.24052	3.24052	0.0132457	3.4309	3.4309	0.401675	1.41155	1.41155	0.119236	1.97184	1.97184	0.541994	0.780449	-1.28131	0.231036	0.603797	-1.65619	0.199347	1.72382	1.72382	3.95117	10.0913	2.27021	1
cg07512676	ANKRD40	0.0141537	0.711262	1.1261	1.1261	0.6485	0.86364	-1.15789	0.847132	0.940213	-1.06359	0.000262534	0.147175	-6.79461	0.192524	1.5536	1.5536	0.252116	1.46541	1.46541	0.347829	1.36173	1.36173	0.939191	0.975924	-1.02467	0.927133	0.971205	-1.02965	5.28089	8.53372	1.43641	1
cg20807852	ANKRD40	0.0156375	0.0946845	1.78378	1.78378	0.000392223	5.92972	5.92972	0.00868159	2.86886	2.86886	0.427193	1.29102	1.29102	0.987103	0.99492	-1.00511	0.193114	1.54334	1.54334	0.221265	1.49949	1.49949	0.235448	1.47962	1.47962	0.0914878	1.79597	1.79597	5.10975	8.03425	1.39763	1
cg24879395	ANKRD40;ANKRD40	0.00487496	0.0147612	0.779874	-1.28226	0.0279834	1.24002	1.24002	0.0164066	0.784247	-1.27511	0.00215068	0.699725	-1.42913	0.04117	1.21555	1.21555	0.0396226	1.21795	1.21795	0.751927	1.02662	1.02662	0.369216	0.926431	-1.07941	0.243493	1.10641	1.10641	7.39551	0.804196	0.0966588	1
cg15749322	ANKRD42	0.00214054	0.501137	0.918261	-1.08902	0.417132	1.10912	1.10912	4.37E-05	2.63384	2.63384	0.808903	1.03072	1.03072	0.404712	1.11235	1.11235	0.151733	0.825467	-1.21144	0.0248566	0.716397	-1.39587	0.319004	0.879307	-1.13726	0.869066	0.979606	-1.02082	9.45272	2.33515	0.219587	1
cg19451038	ANKRD42	0.0172448	0.716023	0.91948	-1.08757	0.00080706	3.19481	3.19481	0.00678525	2.23927	2.23927	0.225324	0.746318	-1.33991	0.953556	0.986706	-1.01347	0.541116	1.15276	1.15276	0.226547	1.33878	1.33878	0.962577	1.01084	1.01084	0.217625	1.34719	1.34719	4.94576	4.13565	0.743291	1
cg02266452	ANKRD42	0.0175393	0.705373	1.02867	1.02867	0.00525916	0.760458	-1.315	0.557369	0.956806	-1.04514	0.157407	1.11907	1.11907	0.227541	0.910049	-1.09884	0.00389017	0.748816	-1.33544	0.106473	0.877079	-1.14015	0.593767	1.04087	1.04087	0.0860622	1.15158	1.15158	4.91777	0.431221	0.0779435	1
cg26656136	ANKRD42	0.0177675	?	?	?	0.023452	6.38756	6.38756	0.0318469	5.53009	5.53009	0.256755	2.15968	2.15968	0.688567	1.29502	1.29502	0.0157166	0.128895	-7.75827	0.021394	6.67481	6.67481	?	?	?	?	?	?	6.71419	27.6947	4.1248	1
cg04721602	ANKRD42	0.0285006	0.021226	0.604565	-1.65408	0.436437	1.15517	1.15517	0.0497832	1.50167	1.50167	0.0868927	0.709264	-1.40991	0.0957825	0.717197	-1.39432	0.0427402	0.654562	-1.52774	0.0845852	1.41424	1.41424	0.711668	1.06978	1.06978	0.146387	1.32745	1.32745	4.16169	2.17585	0.464735	1
cg04044664	ANKRD43	0.0121816	0.0388586	6.58787	6.58787	0.0930228	4.29147	4.29147	0.185222	3.02672	3.02672	0.113492	3.88662	3.88662	0.0287951	7.63269	7.63269	0.0237857	8.38821	8.38821	0.000985844	47.4828	47.4828	0.00561014	17.5731	17.5731	0.0119574	11.8458	11.8458	5.54639	54.5809	8.74738	1
cg02699218	ANKRD43	0.0174368	0.0265955	15.8247	15.8247	0.180612	4.45424	4.45424	0.238343	3.66112	3.66112	0.069125	8.47386	8.47386	0.0259627	16.0775	16.0775	0.0240736	16.8984	16.8984	0.00166222	113.016	113.016	0.00898861	32.8095	32.8095	0.0244563	16.7235	16.7235	4.92744	86.1674	15.5442	1
cg01004278	ANKRD43	0.0286656	0.849979	1.05332	1.05332	0.0655581	0.567223	-1.76298	0.0562282	0.55256	-1.80976	0.63159	0.875868	-1.14172	0.0479119	1.85979	1.85979	0.0154243	2.26026	2.26026	0.535193	0.841738	-1.18802	0.0484784	1.85607	1.85607	0.0727238	1.73199	1.73199	4.15322	4.95103	1.05964	1
cg26066519	ANKRD43	0.0345938	0.00197809	0.400129	-2.49919	0.298192	1.25359	1.25359	0.328066	1.23563	1.23563	0.0976009	0.683211	-1.46368	0.763421	0.938693	-1.06531	0.139133	0.716318	-1.39603	0.971825	1.00743	1.00743	0.0571468	0.636963	-1.56995	0.425023	1.18618	1.18618	3.88349	2.70167	0.618382	1
cg26517730	ANKRD43;ANKRD43	0.0107413	0.0548521	1.29254	1.29254	0.713296	0.958232	-1.04359	0.562701	1.07007	1.07007	0.896361	0.985055	-1.01517	0.721851	0.959519	-1.04219	0.118087	0.819896	-1.21967	0.00041375	0.49676	-2.01304	0.0964165	1.2386	1.2386	0.395648	1.10613	1.10613	6.55273	1.35612	0.160965	1
cg21620356	ANKRD44	0.000220749	0.0122521	0.702725	-1.42303	0.0308422	1.33199	1.33199	0.0759064	1.25024	1.25024	0.014713	0.712138	-1.40422	0.0527569	0.779629	-1.28266	0.000491672	0.539468	-1.85368	8.74E-06	0.335678	-2.97904	0.922856	1.01101	1.01101	0.313724	0.888869	-1.12502	17.8855	3.62112	0.179966	1
cg19592231	ANKRD44	0.0102042	0.00128784	0.60132	-1.66301	0.0106157	0.705833	-1.41677	0.95525	0.993934	-1.0061	0.156139	0.848325	-1.17879	0.0190659	0.73517	-1.36023	0.594987	1.0599	1.0599	0.111539	1.20673	1.20673	0.988046	1.00163	1.00163	0.0201616	0.737992	-1.35503	5.87251	1.09329	0.165486	1
cg26784000	ANKRD44	0.0134404	0.185598	1.40902	1.40902	0.75828	1.07832	1.07832	0.564173	0.867261	-1.15306	0.0582893	1.68663	1.68663	0.0261877	1.90482	1.90482	0.203546	1.38799	1.38799	0.000673763	3.56179	3.56179	0.0226853	1.94723	1.94723	0.0147462	2.08163	2.08163	5.3713	5.07679	0.840152	1
cg04869949	ANKRD44	0.0163466	0.523181	0.844104	-1.18469	0.00988906	0.425825	-2.34838	0.501308	0.836303	-1.19574	0.336243	0.771279	-1.29655	0.0118695	0.43927	-2.27651	0.0377246	0.531927	-1.87996	0.00103268	0.279918	-3.57248	0.592509	1.152	1.152	0.174591	0.685076	-1.45969	5.03493	5.47062	0.965807	1
cg27145197	ANKRD44	0.0172483	0.0530846	0.561701	-1.78031	0.49766	0.834699	-1.19804	0.180484	0.688525	-1.45238	0.329759	1.30205	1.30205	0.000604929	0.249683	-4.00508	0.037135	0.529917	-1.88709	0.33237	1.30008	1.30008	0.948772	1.017	1.017	0.272003	0.74077	-1.34995	4.94542	5.39404	0.969523	1
cg22764380	ANKRD44	0.0209486	0.230892	1.22598	1.22598	0.167383	1.26946	1.26946	0.270195	1.20457	1.20457	0.974126	1.00527	1.00527	0.00524303	1.81657	1.81657	0.024358	1.54495	1.54495	0.0013108	2.13475	2.13475	0.0762361	1.37684	1.37684	0.114432	1.32094	1.32094	4.6309	1.92756	0.369989	1
cg03488422	ANKRD44	0.0212749	0.152417	1.3262	1.3262	0.00767205	1.87966	1.87966	0.348554	1.19452	1.19452	0.942683	0.986844	-1.01333	0.0131268	0.567516	-1.76206	0.171071	1.3079	1.3079	0.145137	1.33397	1.33397	0.113007	1.37395	1.37395	0.0573653	0.673057	-1.48576	4.60651	2.47474	0.477534	1
cg26132737	ANKRD44	0.0318353	0.0235791	11.1588	11.1588	0.312717	2.53883	2.53883	0.0499262	7.35216	7.35216	0.0967529	5.08688	5.08688	0.0409222	8.20862	8.20862	0.805528	1.24618	1.24618	0.00506443	27.2887	27.2887	0.0199118	12.2715	12.2715	0.0180669	12.9645	12.9645	4.00126	50.4473	11.207	1
cg09496748	ANKRD44	0.0472154	0.0330911	13.1249	13.1249	0.277663	3.21075	3.21075	0.0801073	7.43539	7.43539	0.0936021	6.72174	6.72174	0.0390227	11.8047	11.8047	0.686762	1.52025	1.52025	0.00610896	40.3615	40.3615	0.0272738	14.8685	14.8685	0.0372688	12.1586	12.1586	3.46244	58.5465	15.0302	1
cg07065759	ANKRD44	0.0493217	0.49275	1.23848	1.23848	0.149202	1.60781	1.60781	0.682204	0.881262	-1.13474	0.151313	0.623707	-1.60332	0.525266	1.21852	1.21852	0.0745235	1.84043	1.84043	0.0097698	2.7269	2.7269	0.135232	1.63946	1.63946	0.0568508	0.515956	-1.93815	3.40575	5.08454	1.32705	1
cg03771282	ANKRD44;ANKRD44	0.0320838	0.0124453	0.495079	-2.01988	0.946077	1.01541	1.01541	0.0197863	0.52934	-1.88915	0.613531	0.891261	-1.12201	0.00352688	0.408927	-2.44543	0.0915035	0.657013	-1.52204	0.378983	1.22633	1.22633	0.984174	1.00449	1.00449	0.656081	0.903646	-1.10663	3.99014	3.22904	0.719338	1
cg04793667	ANKRD45	5.09E-05	0.900173	1.02473	1.02473	4.39E-05	0.221343	-4.51788	0.00757254	0.51238	-1.95168	0.0106511	0.535235	-1.86834	3.66E-06	0.121207	-8.25038	0.970384	1.00725	1.00725	0.187124	1.31281	1.31281	0.521944	0.881316	-1.13467	5.73E-05	0.233812	-4.27694	26.5002	15.903	0.533431	1
cg24474279	ANKRD45	0.000111605	0.00476318	0.531134	-1.88277	0.000412621	0.388106	-2.57661	0.000182206	0.343492	-2.91128	0.000234541	0.357089	-2.80042	7.11E-05	0.294407	-3.39666	0.000298126	0.370162	-2.70152	0.000600675	0.409159	-2.44404	0.065711	0.705621	-1.41719	4.22E-05	0.268402	-3.72576	21.4992	9.70548	0.401275	1
cg22529184	ANKRD45	0.00122586	0.0162001	0.312974	-3.19516	0.00332586	0.206234	-4.84887	0.00611313	0.243328	-4.10968	0.0864937	0.473349	-2.11261	0.000663132	0.127601	-7.83693	0.00299016	0.2002	-4.995	0.000256434	0.0927765	-10.7786	0.756245	0.884277	-1.13087	0.00106749	0.148101	-6.75215	11.104	27.4348	2.19619	1
cg26044223	ANKRD45	0.00274537	0.859158	1.06329	1.06329	0.00279529	0.240845	-4.15205	0.0338659	0.424896	-2.35352	0.0136573	2.8689	2.8689	0.00261516	0.236913	-4.22096	0.751622	0.896095	-1.11595	0.00409163	0.26419	-3.78515	0.00476151	0.273897	-3.651	0.565661	1.22219	1.22219	8.78602	16.6119	1.68064	1
cg20157003	ANKRD45	0.0099737	0.298384	0.816967	-1.22404	0.694682	0.928689	-1.07679	0.00584734	0.50828	-1.96742	0.56618	1.11489	1.11489	0.000820345	0.388446	-2.57436	0.174643	0.762782	-1.31099	0.118155	0.727468	-1.37463	0.0563328	0.666788	-1.49973	0.00423812	0.487753	-2.05022	5.9156	3.29534	0.495164	1
cg12525949	ANKRD45	0.0210975	0.885215	1.02465	1.02465	0.0798088	1.38775	1.38775	0.682412	1.07181	1.07181	0.0130071	1.68112	1.68112	0.0198528	0.622504	-1.60641	0.0277123	1.55063	1.55063	0.0137944	1.67045	1.67045	0.401953	0.865372	-1.15557	0.858966	0.970464	-1.03043	4.61971	2.07891	0.400008	1
cg04092747	ANKRD45	0.0249649	0.0553234	0.494001	-2.02429	0.453982	0.78065	-1.28098	0.151813	0.607452	-1.64622	0.495081	0.798588	-1.25221	0.00117958	0.213348	-4.68717	0.488527	1.25665	1.25665	0.0102001	0.349372	-2.86228	0.885974	1.04768	1.04768	0.21998	0.657897	-1.52	4.35936	7.27694	1.48379	1
cg06372962	ANKRD45	0.0359457	0.307576	1.33943	1.33943	0.0047912	0.354903	-2.81767	0.66169	1.12957	1.12957	0.122486	1.58898	1.58898	0.356348	1.30018	1.30018	0.245032	0.714285	-1.4	0.0689149	0.569353	-1.75638	0.896249	0.964544	-1.03676	0.0595822	1.80094	1.80094	3.82993	4.64418	1.07787	1
cg17267239	ANKRD45	0.0491129	0.0821361	0.678418	-1.47402	0.274887	0.795448	-1.25715	0.0223892	0.576257	-1.73534	0.394042	0.838729	-1.19228	0.00242173	0.427094	-2.3414	0.167214	0.743332	-1.34529	0.0390696	0.618094	-1.61788	0.817873	0.954596	-1.04756	0.2196	0.771014	-1.29699	3.41124	2.19248	0.571308	1
cg11582558	ANKRD46	0.000207563	0.970476	1.00582	1.00582	0.507446	1.11116	1.11116	0.00179114	0.498314	-2.00677	0.0920363	0.747734	-1.33737	5.39E-06	0.199065	-5.02349	0.0206759	0.646128	-1.54768	0.00030699	0.399048	-2.50596	0.0158482	0.629265	-1.58916	0.0111224	0.607189	-1.64693	18.1871	7.07725	0.345898	1
cg11163330	ANKRD46	0.00105109	0.0743069	0.662897	-1.50853	0.327113	0.811273	-1.23263	0.553491	0.883449	-1.13193	0.635173	0.90591	-1.10386	0.000111674	0.245511	-4.07314	0.282638	0.793887	-1.25962	5.19E-05	0.209055	-4.78344	0.796968	0.948094	-1.05475	0.0517081	0.63269	-1.58055	11.6013	7.85356	0.601738	1
cg18213530	ANKRD46	0.00152177	0.109052	0.802354	-1.24633	0.0228421	1.40945	1.40945	0.108746	0.802173	-1.24661	0.000221972	2.17025	2.17025	0.0201635	0.702504	-1.42348	0.17804	0.83499	-1.19762	0.534156	0.923728	-1.08257	0.999694	0.999952	-1.00005	0.0021495	0.580971	-1.72126	10.4362	2.62447	0.223536	1
cg01635821	ANKRD46	0.0049208	0.00281503	0.259415	-3.85483	0.000728734	0.18559	-5.38822	0.0172666	0.386341	-2.58838	0.185553	0.631104	-1.58452	0.0427802	0.465521	-2.14813	0.364882	0.736917	-1.357	0.00199253	0.23901	-4.18393	0.00548317	0.30198	-3.31148	0.163475	0.614077	-1.62846	7.37444	12.5566	1.51352	1
cg03686887	ANKRD46	0.00527821	0.829975	0.958701	-1.04308	0.76381	0.942609	-1.06089	0.00180345	0.418737	-2.38813	0.410526	0.847846	-1.17946	0.570096	0.893538	-1.11915	0.000694125	0.362366	-2.75964	0.0010156	0.384446	-2.60115	0.511086	0.877458	-1.13966	0.159664	0.744752	-1.34273	7.21809	4.39734	0.541521	1
cg16513933	ANKRD46	0.0216593	0.180395	0.604803	-1.65343	0.037087	0.424974	-2.35309	0.369428	0.721906	-1.38522	0.350798	0.712136	-1.40423	0.0016169	0.202351	-4.9419	0.0145125	0.344883	-2.89953	0.0235141	0.384285	-2.60224	0.603276	1.20364	1.20364	0.0381236	0.427557	-2.33887	4.57837	9.06172	1.75933	1
cg25641145	ANKRD46	0.0405576	0.0161802	0.172546	-5.79554	0.0603373	0.282179	-3.54385	0.0560767	0.274612	-3.6415	0.30683	0.531597	-1.88112	0.065425	0.290795	-3.43885	0.0894522	0.326803	-3.05994	0.00977632	0.142096	-7.03751	0.00905008	0.137867	-7.25338	0.126115	0.372149	-2.6871	3.66439	20.7033	5.0221	1
cg02685069	ANKRD49	4.26E-06	2.11E-06	0.286815	-3.48657	0.00969395	0.704176	-1.4201	0.907797	0.987659	-1.01249	0.0965437	0.822389	-1.21597	0.000376612	0.543801	-1.83891	0.000655018	0.571361	-1.75021	4.03E-07	0.212389	-4.70834	0.583268	0.942348	-1.06118	2.57E-06	0.295986	-3.37854	50.583	9.20197	0.161705	1
cg03693064	ANKRD49;MRE11A;MRE11A	0.000602558	0.267535	1.11907	1.11907	0.27334	1.11743	1.11743	0.00979731	0.727556	-1.37446	0.00318733	1.48029	1.48029	0.0495992	1.24381	1.24381	0.0393217	0.792765	-1.26141	3.66E-05	0.461233	-2.1681	0.841208	1.01973	1.01973	0.401796	1.08717	1.08717	13.5678	2.03855	0.133555	1
cg20815063	ANKRD49;MRE11A;MRE11A	0.00616624	0.785324	0.948945	-1.0538	0.000122911	3.61839	3.61839	0.533167	1.12879	1.12879	0.724534	1.07027	1.07027	0.658335	0.918128	-1.08917	0.211929	0.776948	-1.28709	0.465421	0.867115	-1.15325	0.020597	1.7079	1.7079	0.449151	1.15955	1.15955	6.88081	4.01464	0.518626	1
cg07258852	ANKRD49;MRE11A;MRE11A	0.00949472	0.551086	1.08504	1.08504	0.00208338	1.79732	1.79732	0.000334246	2.18827	2.18827	0.561309	1.08273	1.08273	0.828321	1.02983	1.02983	0.608294	1.07246	1.07246	0.505643	1.09571	1.09571	0.70757	0.950282	-1.05232	0.126773	1.25046	1.25046	6.00926	1.74297	0.257819	1
cg05996326	ANKRD49;MRE11A;MRE11A	0.0438823	0.669162	1.05055	1.05055	0.0926629	1.23648	1.23648	0.792474	0.970204	-1.03071	0.00433744	1.54855	1.54855	0.0115497	1.43667	1.43667	0.836181	1.02404	1.02404	0.196996	1.16938	1.16938	0.191047	0.853154	-1.17212	0.705885	1.04445	1.04445	3.55882	0.741747	0.185266	1
cg04525852	ANKRD50;ANKRD50	0.00185055	0.0353457	0.380953	-2.62499	0.000226525	0.0894214	-11.183	0.00489591	0.230262	-4.34289	0.123043	0.517907	-1.93085	0.00334595	0.207533	-4.81852	0.731107	0.872971	-1.14551	0.000460564	0.114037	-8.76905	0.0113399	0.286925	-3.48523	0.0242651	0.347276	-2.87955	9.8622	24.2246	2.18338	1
cg19898448	ANKRD50;ANKRD50	0.00445205	0.00759031	0.242068	-4.13107	0.00235398	0.173226	-5.77282	0.00938976	0.256515	-3.8984	0.218169	0.585594	-1.70767	0.00274904	0.181392	-5.51291	0.198895	0.570731	-1.75214	0.000565984	0.11004	-9.08761	0.0288152	0.344721	-2.90089	0.0758824	0.442136	-2.26175	7.60238	20.5497	2.40272	1
cg00651099	ANKRD50;ANKRD50	0.0262886	0.728414	1.15873	1.15873	0.99458	1.00287	1.00287	0.764302	1.13551	1.13551	0.309166	1.56018	1.56018	0.0284809	0.335346	-2.982	0.312559	0.643084	-1.55501	0.7186	1.16524	1.16524	0.00101646	7.84336	7.84336	0.485693	1.34904	1.34904	4.28152	12.1116	2.51451	1
cg09646593	ANKRD50;ANKRD50	0.0439176	0.0729894	0.384384	-2.60157	0.197214	0.521124	-1.91893	0.280225	0.584696	-1.71029	0.897997	1.06324	1.06324	0.0227708	0.271687	-3.68071	0.499577	0.720599	-1.38773	0.00227528	0.129937	-7.69601	0.815873	1.11798	1.11798	0.058679	0.360209	-2.77616	3.55775	12.8802	3.21805	1
cg00317648	ANKRD50;ANKRD50;ANKRD50;ANKRD50	0.0045025	0.00756896	0.695184	-1.43847	0.241793	1.13844	1.13844	0.356623	0.904532	-1.10554	0.296499	1.12137	1.12137	0.298145	1.1209	1.1209	0.652551	0.95317	-1.04913	0.512087	1.0729	1.0729	0.0101797	1.40909	1.40909	0.000325286	1.84947	1.84947	7.57644	1.34389	0.157669	1
cg19869608	ANKRD52	0.000136796	2.26E-06	0.0937794	-10.6633	0.334048	0.815328	-1.2265	0.000439508	0.32051	-3.12003	0.0158085	0.545596	-1.83286	0.00258602	0.424976	-2.35307	0.0103599	0.515973	-1.93809	0.923798	0.980586	-1.0198	0.815904	0.953334	-1.04895	0.740573	0.934179	-1.07046	20.3558	13.5376	0.591156	1
cg26485563	ANKRD52	0.0036892	0.337681	1.24502	1.24502	0.866611	0.963793	-1.03757	0.000725117	0.263866	-3.7898	0.12567	0.687901	-1.4537	0.00113779	0.294354	-3.39726	?	?	?	?	?	?	0.948694	1.01421	1.01421	?	?	?	12.4196	6.0062	0.483608	1
cg07635586	ANKRD52	0.00505149	0.216635	1.11635	1.11635	0.307646	0.914477	-1.09352	0.0103928	1.31417	1.31417	0.00500056	0.730172	-1.36954	0.0223865	1.26068	1.26068	0.00503935	1.36893	1.36893	0.34981	1.08489	1.08489	0.021749	0.792	-1.26263	0.947027	1.00564	1.00564	7.31567	0.830442	0.100903	1
cg00957535	ANKRD52	0.0457903	0.052536	0.688582	-1.45226	0.0232979	1.58234	1.58234	0.0331375	1.5244	1.5244	0.28672	1.20593	1.20593	0.312515	0.837918	-1.19343	0.183847	0.787691	-1.26953	0.327075	0.842611	-1.18679	0.114329	1.33739	1.33739	0.680384	0.932288	-1.07263	3.50259	1.58936	0.403349	1
cg24573743	ANKRD53;ANKRD53	0.000588283	0.579347	1.20075	1.20075	0.0033644	3.68144	3.68144	0.427161	0.76729	-1.30329	0.0612578	1.99178	1.99178	0.000495303	0.168395	-5.93843	0.113227	1.75623	1.75623	0.000537913	5.80698	5.80698	0.000459104	6.06291	6.06291	0.169645	1.6128	1.6128	13.6588	23.0922	1.5028	1
cg04076766	ANKRD53;ANKRD53	0.00444802	0.25343	1.87598	1.87598	0.0313601	3.78833	3.78833	0.164538	2.18632	2.18632	0.176218	2.13498	2.13498	0.0194373	0.225302	-4.43849	0.0573832	3.10747	3.10747	0.000433202	18.8272	18.8272	0.00450166	7.36911	7.36911	0.0498583	3.25392	3.25392	7.60447	33.5088	3.91685	1
cg18006568	ANKRD53;ANKRD53	0.00502791	0.641463	0.801526	-1.24762	0.457906	1.42847	1.42847	0.160846	2.0271	2.0271	0.0190784	0.262242	-3.81327	0.000646214	0.0846662	-11.8111	0.200656	0.528527	-1.89205	0.0804539	2.4961	2.4961	0.0234883	0.27898	-3.58448	0.0321964	3.26585	3.26585	7.32613	25.8237	3.13322	1
cg22050950	ANKRD53;ANKRD53	0.00589497	0.0626152	1.80202	1.80202	0.00300229	3.13857	3.13857	0.44962	0.805302	-1.24177	0.471394	1.22865	1.22865	0.00378288	0.333502	-2.99848	0.109871	1.63204	1.63204	0.812849	1.06893	1.06893	0.00302801	3.13323	3.13323	0.383163	1.28576	1.28576	6.97707	8.7292	1.11211	1
cg19490001	ANKRD53;ANKRD53	0.00809576	0.579637	1.35206	1.35206	0.0176381	4.74142	4.74142	0.138326	2.3636	2.3636	0.124949	2.44826	2.44826	0.0242046	0.234892	-4.25727	0.093591	2.70236	2.70236	0.0017833	10.9928	10.9928	0.00480696	7.51593	7.51593	0.0701427	2.97856	2.97856	6.32043	29.0913	4.09133	1
cg04737087	ANKRD53;ANKRD53	0.00954332	0.0058052	0.224743	-4.44952	0.704202	1.17068	1.17068	0.911847	1.04682	1.04682	0.0129819	0.27979	-3.57411	0.0037519	0.198586	-5.03559	0.236787	0.599227	-1.66882	0.0955871	0.469357	-2.13057	0.00141151	0.148161	-6.74939	0.239057	0.60085	-1.66431	5.99949	16.2189	2.403	1
cg19244342	ANKRD53;ANKRD53	0.0115454	0.0408597	0.834608	-1.19817	0.821058	1.0175	1.0175	0.960409	0.996205	-1.00381	0.0197601	0.806051	-1.24062	0.00119315	0.695036	-1.43877	0.0442221	0.837754	-1.19367	0.00383051	0.741871	-1.34794	0.931578	0.993444	-1.0066	0.0551261	0.846582	-1.18122	5.64366	0.524365	0.0825886	1
cg05472974	ANKRD53;ANKRD53	0.02139	0.530966	0.723871	-1.38146	0.71608	0.830293	-1.20439	0.0654781	2.86527	2.86527	0.0154864	0.220445	-4.53628	0.0112193	0.198348	-5.04165	0.217046	0.51618	-1.93731	0.993528	0.995879	-1.00414	0.0298949	0.27229	-3.67256	0.0423166	3.28955	3.28955	4.59802	18.8786	3.64961	1
cg15165122	ANKRD53;ANKRD53	0.0250317	0.0454664	9.3578	9.3578	0.0868217	6.31883	6.31883	0.0671406	7.38973	7.38973	0.567456	1.7566	1.7566	0.0122401	0.0477313	-20.9506	0.380737	2.40226	2.40226	0.0256676	13.2434	13.2434	0.0391493	10.245	10.245	0.072886	7.03013	7.03013	4.35531	65.5423	13.3767	1
cg10707110	ANKRD54	0.00715717	0.160773	0.71652	-1.39563	0.0381207	0.58577	-1.70715	0.0109827	2.03413	2.03413	0.00110434	0.342968	-2.91573	0.050646	0.609229	-1.64142	0.137758	0.700725	-1.42709	0.0907647	1.5138	1.5138	0.869941	0.964194	-1.03714	0.540168	1.14797	1.14797	6.56944	5.15159	0.697043	1
cg25764839	ANKRD54	0.031263	0.965239	0.98724	-1.01292	0.412258	1.28023	1.28023	0.162802	0.644653	-1.55122	0.00767818	2.74446	2.74446	0.124024	0.612117	-1.63368	0.122893	0.611061	-1.6365	0.0169437	0.423902	-2.35904	0.172083	1.53469	1.53469	0.695772	0.890651	-1.12277	4.02727	5.53866	1.22248	1
cg01508548	ANKRD54;MIR658	0.00044991	0.0014261	0.44082	-2.2685	0.114947	0.737634	-1.35569	0.00244661	0.473107	-2.11369	0.00707243	0.539058	-1.85509	0.00679254	0.536484	-1.86399	0.00325477	0.490507	-2.03871	0.00119137	0.430238	-2.3243	0.000463104	2.65904	2.65904	0.0252691	0.62359	-1.60362	14.7146	7.345	0.443702	1
cg13641189	ANKRD54;MIR658	0.0191186	0.027731	1.82507	1.82507	0.0353035	1.76261	1.76261	0.0744127	0.631533	-1.58345	0.0438059	1.70878	1.70878	0.129479	1.46048	1.46048	0.00578196	2.3073	2.3073	0.119805	0.676894	-1.47734	0.38457	1.22892	1.22892	0.204682	1.36268	1.36268	4.777	4.04484	0.75265	1
cg01182973	ANKRD54;MIR658	0.0346004	0.838132	0.970121	-1.0308	0.00289251	0.54476	-1.83567	0.0203802	0.660631	-1.5137	0.326721	0.860576	-1.16201	0.0165568	0.64785	-1.54357	0.145141	0.792929	-1.26115	0.0705153	0.741001	-1.34953	0.605436	1.08035	1.08035	0.215487	0.824207	-1.21329	3.88322	1.35255	0.309606	1
cg01866434	ANKRD55	0.00315841	0.0372241	0.584207	-1.71172	0.0107391	0.490421	-2.03906	0.00197924	0.378604	-2.64128	0.0108682	0.491268	-2.03555	0.0573751	0.620166	-1.61247	0.538543	1.14844	1.14844	0.0111098	0.49283	-2.0291	0.0087954	0.47639	-2.09912	0.000357773	0.279964	-3.57189	8.42823	6.59395	0.695435	1
cg17613707	ANKRD55	0.00440417	0.112865	0.645906	-1.54821	0.742391	1.08713	1.08713	0.936238	1.02047	1.02047	0.419514	0.811465	-1.23234	0.000102021	0.175004	-5.71414	0.0139795	0.463562	-2.15721	0.652056	0.891395	-1.12184	0.256169	1.35015	1.35015	0.0266056	0.513963	-1.94566	7.62735	7.74983	0.903163	1
cg24000259	ANKRD55	0.00764074	0.272709	1.13763	1.13763	0.000721389	0.559267	-1.78805	0.0312044	0.751579	-1.33053	0.737206	0.962673	-1.03877	0.468707	0.920099	-1.08684	0.537986	0.931987	-1.07298	0.0061961	1.49657	1.49657	0.0890209	0.809082	-1.23597	0.817519	0.974231	-1.02645	6.43639	1.30064	0.179623	1
cg23109206	ANKRD55	0.0123862	0.0572129	0.551569	-1.81301	0.0698565	1.75178	1.75178	0.771201	0.922522	-1.08398	0.660164	0.884822	-1.13017	0.000633578	0.234133	-4.27108	0.151323	0.653622	-1.52994	0.0110018	0.413859	-2.41628	0.824678	0.940483	-1.06328	0.544701	0.844046	-1.18477	5.51643	6.6825	1.07678	1
cg21919257	ANKRD55	0.0232307	0.061524	0.748696	-1.33565	0.23953	1.18441	1.18441	0.156415	1.23161	1.23161	0.00932932	1.57323	1.57323	0.0260977	1.43729	1.43729	0.0242034	1.44666	1.44666	0.441943	1.11376	1.11376	0.0273752	1.4314	1.4314	0.358357	0.878282	-1.13859	4.46944	1.33661	0.265827	1
cg19418629	ANKRD55	0.0440017	0.69669	1.11333	1.11333	0.374417	0.778275	-1.28489	0.301881	0.7449	-1.34246	0.273675	0.730615	-1.36871	0.0330432	0.49672	-2.01321	0.237951	0.711088	-1.4063	0.0318983	2.02618	2.02618	0.0183031	0.445373	-2.24531	0.0258224	0.4748	-2.10615	3.87212	4.50248	0.904394	1
cg09577966	ANKRD55;ANKRD55	0.0183601	0.287314	1.22634	1.22634	0.00345842	0.480409	-2.08156	0.0140499	0.571224	-1.75063	0.0878422	1.41612	1.41612	0.0890395	1.4139	1.4139	0.282021	1.22933	1.22933	0.606702	1.10065	1.10065	0.216706	0.78658	-1.27133	0.499156	1.13508	1.13508	4.84273	2.61592	0.480155	1
cg22709202	ANKRD55;ANKRD55;ANKRD55	0.0361584	0.899369	1.02915	1.02915	0.206242	1.35363	1.35363	0.105912	0.669597	-1.49344	0.162157	0.712514	-1.40348	0.00134951	0.347378	-2.87871	0.699603	0.915711	-1.09205	0.129822	0.689604	-1.45011	0.439201	1.19623	1.19623	0.328267	0.795196	-1.25755	3.82173	3.12185	0.726105	1
cg18351406	ANKRD56	0.0124068	0.0225049	3.68838	3.68838	0.387379	1.52673	1.52673	0.477329	0.708181	-1.41207	0.0293553	3.40632	3.40632	0.00824628	0.199163	-5.02101	0.249327	0.562697	-1.77716	0.111887	2.286	2.286	0.00597381	5.56424	5.56424	0.520966	1.3644	1.3644	5.51345	19.9161	3.2109	1
cg06046430	ANKRD56	0.0389951	0.102985	5.14292	5.14292	0.105045	5.08414	5.08414	0.0939643	5.42324	5.42324	0.0773468	6.06604	6.06604	0.0165967	0.0681555	-14.6723	0.423948	0.472494	-2.11643	0.0574532	7.19019	7.19019	0.078714	6.00535	6.00535	0.239281	3.09995	3.09995	3.71775	49.6279	11.8657	1
cg22370326	ANKRD57	0.0129137	0.00587824	0.191251	-5.22872	0.310166	1.61914	1.61914	0.235954	1.76811	1.76811	0.0251971	0.294781	-3.39235	0.00659032	0.19812	-5.04745	0.434601	0.693616	-1.44172	0.163443	0.505346	-1.97884	0.696749	1.19688	1.19688	0.00647038	0.197004	-5.07605	5.44197	18.149	2.96445	1
cg07452997	ANKRD58	0.00128595	0.00673655	3.8849	3.8849	0.145455	1.82912	1.82912	0.4368	1.35857	1.35857	0.119692	1.91973	1.91973	0.185205	1.72072	1.72072	0.0238149	2.83475	2.83475	9.68E-05	14.5601	14.5601	0.000290663	9.80077	9.80077	0.00195041	5.43156	5.43156	10.9531	25.885	2.10068	1
cg13217333	ANKRD58	0.0477165	0.0283752	0.324642	-3.08032	0.0528039	2.60396	2.60396	0.169918	1.88814	1.88814	0.0685911	2.42618	2.42618	0.880734	1.06746	1.06746	0.987417	0.993167	-1.00688	0.188512	0.54565	-1.83268	0.215723	0.56751	-1.76208	0.0517549	0.381955	-2.61811	3.44868	10.325	2.66124	1
cg14463725	ANKRD58;ANKRD58	0.0109981	0.0217503	7.08086	7.08086	0.384406	1.8847	1.8847	0.632616	1.40813	1.40813	0.294228	2.1665	2.1665	0.672352	1.35297	1.35297	0.175186	2.78596	2.78596	0.000446884	51.2121	51.2121	0.00514605	13.8156	13.8156	0.0232999	6.86622	6.86622	5.73284	45.8523	7.1095	1
cg14902356	ANKRD5;ANKRD5	0.00223494	0.274687	1.48445	1.48445	0.190142	1.61979	1.61979	0.307366	1.44381	1.44381	0.739959	0.890674	-1.12275	0.578531	1.21538	1.21538	0.187231	1.62558	1.62558	0.0585482	0.475778	-2.10182	5.12E-05	0.0716469	-13.9573	0.128966	1.76874	1.76874	9.33414	17.8605	1.70086	1
cg12928542	ANKRD5;ANKRD5;ANKRD5;ANKRD5	0.0303688	0.171936	1.31468	1.31468	0.0285767	1.62583	1.62583	0.304626	1.22143	1.22143	0.285761	0.811727	-1.23194	0.500753	0.879339	-1.13722	0.123778	1.36838	1.36838	0.00353387	0.475189	-2.10443	0.470814	1.14801	1.14801	0.504386	0.880326	-1.13594	4.06912	2.28139	0.498363	1
cg10981962	ANKRD6	0.000809786	0.000675538	0.269748	-3.70717	0.0192461	0.489766	-2.04179	0.759725	0.925583	-1.0804	0.000642214	0.266973	-3.7457	6.17E-05	0.155246	-6.44137	0.424626	0.814199	-1.2282	0.696513	1.10386	1.10386	0.524858	1.17638	1.17638	0.0255663	0.51235	-1.95179	12.4893	12.57	0.894636	1
cg21719323	ANKRD6	0.00114637	0.113549	0.822245	-1.21618	0.929762	1.01007	1.01007	0.0303146	0.748697	-1.33565	0.00665674	0.670165	-1.49217	0.000130082	0.469821	-2.12847	0.00274511	0.625131	-1.59966	0.00486512	1.52859	1.52859	0.529341	1.07512	1.07512	0.167955	0.846175	-1.18179	11.3184	2.31594	0.181882	1
cg00704819	ANKRD6	0.00176192	0.0439647	0.827452	-1.20853	0.14352	1.13724	1.13724	0.824592	1.01833	1.01833	0.355204	1.08092	1.08092	0.00100174	0.67054	-1.49134	0.000182547	0.595878	-1.6782	0.411052	0.933536	-1.0712	0.0275127	1.23775	1.23775	0.73486	1.0282	1.0282	10.0036	1.0606	0.094242	1
cg08353308	ANKRD6	0.00382107	0.966949	0.986952	-1.01322	0.000532035	0.180958	-5.52614	0.300654	0.711798	-1.40489	0.056704	0.504745	-1.9812	0.000400087	0.167742	-5.96155	0.247381	1.46722	1.46722	0.960935	1.01565	1.01565	0.717786	1.12193	1.12193	0.0587836	0.508338	-1.96719	7.96142	12.6692	1.41451	1
cg07970821	ANKRD6	0.00540556	0.0344746	0.560159	-1.78521	0.644551	1.11535	1.11535	0.15559	0.699722	-1.42914	0.0679232	0.618482	-1.61686	9.53E-05	0.195386	-5.11809	0.0343626	0.559892	-1.78606	0.0635889	0.612545	-1.63253	0.97868	0.99374	-1.0063	0.166197	0.70684	-1.41475	7.16554	6.26723	0.777454	1
cg26978611	ANKRD6	0.00797633	0.206167	0.687319	-1.45493	0.000150652	0.160481	-6.23125	0.35985	0.767426	-1.30306	0.399716	1.27431	1.27431	0.0654418	0.559093	-1.78861	0.0627061	0.554931	-1.80203	0.0834653	0.583482	-1.71385	0.311505	0.744967	-1.34234	0.473458	1.22754	1.22754	6.35007	7.95174	1.11309	1
cg25216039	ANKRD6	0.0137195	0.0180033	0.34462	-2.90175	0.32835	0.687995	-1.4535	0.412417	0.732979	-1.3643	0.826199	1.08493	1.08493	0.000434949	0.127261	-7.85785	0.337138	0.692937	-1.44313	0.0418688	0.419227	-2.38534	0.500256	1.2887	1.2887	0.0469903	0.430514	-2.32281	5.33523	11.6102	1.93435	1
cg15232240	ANKRD6	0.0227232	0.00753458	0.248974	-4.01649	0.0825583	0.459556	-2.17602	0.168836	0.55277	-1.80907	0.0276839	0.34905	-2.86492	0.00352861	0.202005	-4.95038	0.573601	0.794591	-1.25851	0.0435841	0.391315	-2.55549	0.0381384	0.37841	-2.64264	0.0161258	0.304092	-3.28848	4.5036	11.6622	2.30181	1
cg18760317	ANKRD7	0.000920262	0.0221319	0.65053	-1.53721	0.00151094	0.488557	-2.04684	0.00235464	0.514245	-1.9446	0.308883	0.847849	-1.17945	0.000139752	0.356695	-2.80352	0.00020885	0.378184	-2.64422	0.665192	0.934038	-1.07062	0.329233	0.854011	-1.17095	0.00674459	0.576673	-1.73408	12.0467	4.68637	0.345793	1
cg27488279	ANKRD7	0.000989161	0.000471294	0.344255	-2.90483	0.948718	0.987593	-1.01256	0.0219814	1.70461	1.70461	0.752365	1.06337	1.06337	0.96566	0.991679	-1.00839	0.425461	0.853876	-1.17113	6.06E-05	0.237462	-4.2112	0.267028	1.25163	1.25163	0.21279	0.775153	-1.29007	11.8029	7.04253	0.530378	1
cg11075556	ANKRD7	0.0123469	0.751248	0.904607	-1.10545	0.16742	0.628818	-1.59028	0.229837	0.672212	-1.48763	0.0109881	0.365721	-2.73432	0.000301385	0.156816	-6.37691	0.568294	0.83377	-1.19937	0.271719	1.43432	1.43432	0.706228	0.887477	-1.12679	0.389269	0.757191	-1.32067	5.52214	8.69163	1.39908	1
cg05879919	ANKRD9	0.00131568	0.23854	0.875384	-1.14236	0.00114712	1.6742	1.6742	0.356719	1.1076	1.1076	0.891202	0.985353	-1.01486	0.000257996	0.522878	-1.91249	0.0368298	1.29881	1.29881	0.698592	1.04284	1.04284	0.0773165	0.809186	-1.23581	0.00750913	1.44913	1.44913	10.8816	2.00322	0.163637	1
cg03240324	ANKRD9	0.0116788	0.32471	1.2149	1.2149	0.0881046	1.43366	1.43366	0.0168432	1.7475	1.7475	0.0683619	1.47784	1.47784	0.0094985	1.87558	1.87558	0.0352129	1.59919	1.59919	0.000571116	2.77612	2.77612	0.028083	1.64298	1.64298	0.726149	1.06962	1.06962	5.62272	3.26242	0.515752	1
cg18997422	ANKRD9	0.0232723	0.0225019	2.30392	2.30392	0.0262988	2.23607	2.23607	0.00767773	2.84698	2.84698	0.101089	1.73033	1.73033	0.501792	1.23144	1.23144	0.219503	1.48335	1.48335	0.0362333	2.10359	2.10359	0.118667	1.67743	1.67743	0.0462365	0.497887	-2.00849	4.46669	6.59725	1.31288	1
cg04114473	ANKRD9	0.0350103	0.949647	0.987813	-1.01234	0.0190097	1.73552	1.73552	0.0271766	1.66136	1.66136	0.698267	1.07857	1.07857	0.0584056	0.660199	-1.5147	0.524593	1.13337	1.13337	0.873473	1.03143	1.03143	0.00696917	1.96936	1.96936	0.622612	0.908179	-1.1011	3.86672	2.30857	0.530698	1
cg09829636	ANKRD9	0.0424402	0.623947	0.814924	-1.22711	0.404641	1.42358	1.42358	0.543254	0.775029	-1.29027	0.523598	0.765119	-1.30699	0.000961543	0.130487	-7.66358	0.858187	1.07689	1.07689	0.622374	0.814156	-1.22827	0.236613	0.598334	-1.67131	0.214534	1.71808	1.71808	3.60336	9.79013	2.41506	1
cg24053343	ANKS1A	0.00070053	0.177102	1.31672	1.31672	0.000216291	0.3061	-3.2669	0.000109306	0.270674	-3.69448	0.0801437	1.45112	1.45112	0.728567	0.935366	-1.0691	0.185256	0.763808	-1.30923	0.0174126	1.7424	1.7424	0.10047	0.708145	-1.41214	0.63233	1.09686	1.09686	13.0082	7.57822	0.517843	1
cg00280619	ANKS1A	0.00111894	0.0161419	1.96705	1.96705	0.0215829	1.88556	1.88556	0.00826963	2.17317	2.17317	0.0469148	1.68678	1.68678	0.878346	0.965406	-1.03583	0.0661316	1.60606	1.60606	2.07E-05	7.20727	7.20727	0.0169723	1.95266	1.95266	0.00870136	2.15648	2.15648	11.3968	9.53601	0.74376	1
cg20494661	ANKS1A	0.00112939	0.00243995	0.409887	-2.4397	0.000640146	0.330117	-3.02923	0.0118738	0.514742	-1.94272	0.383031	0.827656	-1.20823	0.00256504	0.413018	-2.4212	0.00592626	0.467155	-2.14062	0.000936266	0.352004	-2.84088	0.0752377	0.657793	-1.52024	0.000236013	0.275662	-3.62764	11.3666	8.04951	0.629485	1
cg03899322	ANKS1A	0.00169587	0.00120025	0.21988	-4.54793	0.000730871	0.194197	-5.1494	0.0105949	0.358406	-2.79013	0.110587	0.574075	-1.74193	0.000395557	0.165139	-6.05549	0.0241944	0.424074	-2.35808	0.006597	0.324358	-3.08302	0.166026	0.624072	-1.60238	0.00162336	0.236512	-4.22812	10.1149	16.323	1.43445	1
cg26175649	ANKS1A	0.00341116	0.154529	0.708705	-1.41102	0.0923351	0.657984	-1.51979	0.00077368	0.316719	-3.15738	0.118472	0.681851	-1.4666	0.00149159	0.355283	-2.81465	0.00228781	0.38156	-2.62082	0.179814	0.72479	-1.37971	0.514838	1.16094	1.16094	0.00207001	0.375332	-2.6643	8.2369	6.65966	0.71868	1
cg12915834	ANKS1A	0.0345449	0.172748	0.678795	-1.4732	0.103086	0.621189	-1.60982	0.00829049	0.406069	-2.46263	0.344057	0.770864	-1.29725	0.00829332	0.406094	-2.46249	0.010882	0.425853	-2.34823	0.0336338	0.515517	-1.9398	0.923128	1.02611	1.02611	0.162448	0.671527	-1.48914	3.88548	4.38729	1.00369	1
cg12542604	ANKS1A;TAF11	0.00201609	0.813045	0.956202	-1.0458	0.555845	1.11921	1.11921	0.14363	1.34587	1.34587	0.676803	1.08247	1.08247	0.0403218	1.56481	1.56481	0.0117747	0.551729	-1.81248	0.00916847	0.534984	-1.86921	0.000121315	3.5572	3.5572	0.566465	1.11577	1.11577	9.61941	5.44414	0.50307	1
cg19884267	ANKS1A;TAF11	0.0493497	0.0716816	0.763457	-1.30983	0.147945	0.811952	-1.2316	0.0311986	1.40399	1.40399	0.0687241	1.31446	1.31446	0.0420927	1.36931	1.36931	0.0513403	1.34683	1.34683	0.787241	1.03697	1.03697	0.469954	1.10368	1.10368	0.77345	0.962004	-1.0395	3.40502	0.971324	0.253566	1
cg21443763	ANKS1B	0.0088969	0.0175607	1.58094	1.58094	0.0459686	0.695917	-1.43695	0.000610444	0.433065	-2.30912	0.58411	1.09157	1.09157	0.384149	0.868113	-1.15192	0.567771	1.09585	1.09585	0.0904241	1.34408	1.34408	0.424868	0.878827	-1.13788	0.445702	0.884078	-1.13112	6.13475	2.44081	0.353659	1
cg03342871	ANKS1B	0.0126094	0.348785	0.827981	-1.20776	0.998819	0.999711	-1.00029	0.818829	0.956094	-1.04592	0.077141	0.680728	-1.46902	0.000363292	0.326811	-3.05987	0.0406739	0.629718	-1.58801	0.0102646	0.530942	-1.88345	0.969429	1.00753	1.00753	0.153803	0.74169	-1.34827	5.48446	3.32655	0.539148	1
cg02389938	ANKS1B	0.0140394	0.540442	1.14959	1.14959	0.132508	1.44073	1.44073	0.308392	0.788866	-1.26764	0.8156	1.05395	1.05395	0.0197116	0.53069	-1.88434	0.00490012	0.432272	-2.31336	0.00533122	0.437897	-2.28364	0.338703	1.24837	1.24837	0.0409356	0.588183	-1.70015	5.29499	4.24352	0.712375	1
cg04685798	ANKS1B	0.0427807	0.37968	0.812576	-1.23065	0.488458	0.85037	-1.17596	0.624301	1.12039	1.12039	0.460095	1.18911	1.18911	0.849845	1.04461	1.04461	0.941846	0.983338	-1.01694	0.0021405	2.69991	2.69991	0.016273	1.96733	1.96733	0.600206	0.885333	-1.12952	3.59268	3.0179	0.746681	1
cg18447785	ANKS1B	0.0495119	0.028185	0.412579	-2.42378	0.1414	1.71636	1.71636	0.61892	0.842586	-1.18682	0.665338	0.861863	-1.16028	0.00500491	0.281211	-3.55605	0.452028	0.769725	-1.29917	0.633188	1.1785	1.1785	0.420564	1.32457	1.32457	0.082954	0.519034	-1.92666	3.40078	6.2847	1.64268	1
cg07910460	ANKS1B;ANKS1B	0.0055016	0.471092	0.855917	-1.16834	0.716073	1.0806	1.0806	0.0300644	1.71851	1.71851	0.0231787	1.77897	1.77897	0.47365	0.85671	-1.16726	0.00928445	2.0147	2.0147	0.0205649	1.80765	1.80765	0.000264686	3.5661	3.5661	0.544974	1.13884	1.13884	7.12692	5.08333	0.634007	1
cg20223206	ANKS1B;ANKS1B	0.00574245	0.00650257	0.320912	-3.11611	0.124349	1.70698	1.70698	0.204533	0.650355	-1.53762	0.106349	1.76242	1.76242	0.068239	0.51886	-1.9273	0.6597	0.867277	-1.15303	0.0231817	0.418009	-2.39229	0.00134674	4.46663	4.46663	0.777824	1.09516	1.09516	7.03365	11.5038	1.45381	1
cg07638857	ANKS1B;ANKS1B	0.0488199	0.170951	0.506434	-1.97459	0.715765	0.843109	-1.18609	0.445816	0.695808	-1.43718	0.985218	0.991391	-1.00868	0.720542	1.18251	1.18251	0.682267	0.825235	-1.21178	0.223878	1.81542	1.81542	0.00134977	8.78147	8.78147	0.540472	1.33534	1.33534	3.41899	11.7929	3.066	1
cg03309328	ANKS1B;ANKS1B;ANKS1B	0.00219513	0.000428639	0.332228	-3.00998	0.0602622	0.657742	-1.52035	0.221502	0.775653	-1.28924	0.14823	1.35882	1.35882	0.00157286	0.407542	-2.45373	0.833321	1.04254	1.04254	0.00896469	0.518352	-1.92919	0.0290433	1.6631	1.6631	0.0374608	0.62044	-1.61176	9.38337	5.80842	0.550233	1
cg05375333	ANKS1B;ANKS1B;ANKS1B	0.00311776	0.000959179	0.389653	-2.56639	0.0737057	1.46524	1.46524	0.589595	1.10999	1.10999	0.0350866	0.624727	-1.6007	0.0145523	0.56176	-1.78012	0.0570659	0.661969	-1.51064	0.00121722	0.403668	-2.47728	0.0643499	0.671511	-1.48918	0.148595	1.34565	1.34565	8.46078	4.91987	0.516881	1
cg25188975	ANKS1B;ANKS1B;ANKS1B	0.00421307	0.921574	1.02237	1.02237	0.00175248	2.72368	2.72368	0.045842	1.67242	1.67242	0.602403	1.12534	1.12534	0.169894	0.720029	-1.38883	0.172563	1.38564	1.38564	0.00686056	2.19587	2.19587	0.000434231	3.48974	3.48974	0.0409159	1.69916	1.69916	7.73044	6.18017	0.71063	1
cg11554266	ANKS1B;ANKS1B;ANKS1B	0.0100384	0.0984141	0.764214	-1.30853	0.163298	1.24702	1.24702	0.164346	1.24625	1.24625	0.457332	1.11885	1.11885	0.578132	1.08692	1.08692	0.000605931	0.456444	-2.19085	0.0269982	1.47482	1.47482	0.645913	1.07105	1.07105	0.251072	1.19473	1.19473	5.90337	2.05816	0.309904	1
cg10040821	ANKS1B;ANKS1B;ANKS1B	0.0109699	0.0717859	1.97204	1.97204	0.252368	1.49767	1.49767	0.715375	0.883631	-1.13169	0.786058	1.07627	1.07627	0.0227613	1.49546	1.49546	0.668578	1.1566	1.1566	0.000241588	7.77982	7.77982	0.0888263	3.09515	3.09515	0.273005	1.4702	1.4702	5.73758	10.3703	1.60661	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Ratio(1117 vs. N)	Ratio(1127 vs. N)	Ratio(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14733535	ANKS1B;ANKS1B;ANKS1B	0.013992	0.134889	0.799343	-1.35696	0.113694	0.734791	-1.36093	0.0066191	0.512952	-1.9495	0.807106	0.04742	1.04742	0.385439	0.6449119	-1.18354	0.203797	0.831644	-1.22804	0.780264	0.948578	-1.05421	0.519148	1.13175	0.00152467	2.3733	2.3733	5.30088	3.01114	0.504029	1
cg14195216	ANKS1B;ANKS1B;ANKS1B	0.0216712	0.0374049	0.292464	-3.41923	0.0176882	0.230258	-4.34295	0.253478	0.544965	-1.83498	0.529632	0.723167	-1.38281	0.0318999	0.2984493	3.3501	0.401123	0.645691	-1.54873	0.00116488	0.0883054	-11.3243	0.0177863	0.2306571	-4.33519	0.10055	0.400263	-2.49836	4.57751	18.7828	3.64736	1
cg20228119	ANKS1B;ANKS1B;ANKS1B	0.0248771	0.53728	1.46951	1.46951	0.97291	1.02115	1.02115	0.686555	1.284	1.284	0.697546	0.786114	-1.27208	0.478006	0.64114	-1.55972	0.80909	1.16085	1.16085	0.000420102	0.0319024	-31.3456	0.802874	1.16664	1.16664	0.2469986	2.10841	2.10841	4.36471	26.2477	5.34545	1
cg27458485	ANKS1B;ANKS1B;ANKS1B	0.0314449	0.062466	0.6744	0.6744	0.0930173	0.538737	0.538737	0.0655	1.73744	1.73744	0.19959	0.50906	0.5094	0.0248945	0.1864	11.864	0.0650882	0.81105	0.81105	0.00254592	48.3556	48.3556	0.0144208	16.3333	16.3333	0.0527284	7.68904	7.68904	4.01894	54.6154	12.0796	1
cg10818833	ANKS1B;ANKS1B;ANKS1B	0.0395777	0.0458138	0.19559	9.19559	0.152788	4.41072	4.41072	0.188224	3.8624	3.8624	0.184615	0.91077	0.9317077	0.0378269	0.19399	10.3199	10.3199	0.162163	0.24792	4.24792	0.0033137	48.248	48.248	0.0132493	19.5918	19.5918	0.0492509	8.80389	8.80389	3.69755	55.0034	13.2228	1
cg09831105	ANKS1B;ANKS1B;ANKS1B	0.04153	0.801422	0.918354	-1.08891	0.0111127	0.340984	-2.93269	0.156218	0.598908	-1.66971	0.308098	0.42839	0.42839	0.811545	0.08408	1.08408	0.496667	0.791955	-1.2627	0.02109286	0.39488	-2.53242	0.683619	0.8700682	-1.14852	0.0252841	2.45608	2.45608	3.62244	6.57129	1.60805	1
cg08384920	ANKS3	0.00233021	0.0473052	0.611082	-1.63644	0.00305164	0.414514	-2.41246	0.00148802	0.369954	-2.76304	0.872555	1.03545	1.03545	0.000395124	0.293863	-3.40295	0.00777324	0.476277	-2.09962	0.0124323	0.5090095	-1.96427	0.43302	0.8406011	-1.18962	0.00297882	0.412976	-2.42145	9.22064	6.87802	0.663056	1
cg04251918	ANKS3	0.00285661	0.00998467	0.707122	-1.4153	0.00320148	1.17555	1.17555	0.00134529	0.59945	-1.6682	0.11845	1.20188	1.20188	0.854799	0.980317	-1.02008	0.918262	1.0112	1.0112	0.7116381	0.966199	-1.04009	0.917747	0.9376651	-1.06548	0.0472643	0.781709	-1.27925	9.68836	1.61868	0.165699	1
cg03681679	ANKS3	0.00294387	0.17601	1.33102	1.33102	0.0447714	2.04992	2.14092	0.10497	0.60713	-1.44043	0.0225408	2.76896	-1.28717	0.00110338	0.580501	-2.62742	0.00592142	0.46353	-2.15706	0.00155	0.1909668	0.2319596	1.28633	0.943441	0.985851	-1.01435	8.60626	4.79292	0.567647	1
cg09851072	ANKS3	0.00879179	0.0719401	1.27855	1.27855	0.246812	1.15967	1.15967	0.163967	0.833866	-1.19923	0.00637137	1.54392	1.54392	0.2788882	1.14766	1.14766	0.10896	0.807483	-1.23842	0.00384607	1.61045	1.61045	0.376785	0.894988	-1.11733	0.0219325	0.714414	-1.39975	6.1579	1.45935	0.210657	1
cg01281582	ANKS3	0.00963098	0.795851	1.11306	1.11306	0.0683257	1.58166	1.58166	0.15481	0.857579	0.507114	0.197704	1.07704	1.07704	0.0002868	0.4097203	-1.1739	0.817129	0.908742	-1.10082	0.0113283	0.2808944	5.55943	0.433815	1.3909	1.3909	0.1238215	0.507373	1.97094	5.58203	16.7206	2.40285	1
cg06235329	ANKS3	0.0189397	0.107065	0.531689	-1.8808	0.0809916	0.499197	-2.00332	0.0444041	0.436467	-2.29112	0.121311	0.547068	-1.82793	0.0250423	0.383945	2.60454	0.998691	0.999141	-1.00059	0.00501243	0.141659	-7.05921	0.203338	0.617446	-1.61958	0.1637227	0.586448	-1.70518	4.7922	9.78643	1.81525	1
cg09149981	ANKS3	0.0321025	0.4408567	0.886375	-1.12819	0.5867177	0.180801	0.088801	0.999298	1.00014	1.00014	0.48438	1.11522	1.11522	0.0895628	0.7503841	-1.33273	0.4010367	0.876432	-1.14099	0.000850107	0.2158445	2.15845	0.210443	0.7014943	1.05219	0.0512978	0.816691	1.03627	1.03627	1.98831	1.48784	0.315518	1
cg08872617	ANKS3;ANKS3;C16orf71	0.00027261	0.293924	1.19511	1.31554	0.065946	1.68154	1.68154	0.584292	0.870065	-1.14934	0.000254994	0.2932515	0.562172	0.0578855	0.5826067	-1.71624	0.910899	0.972194	-1.0286	1.16E-05	0.09700198	-10.3072	0.07212821	1.65786	1.65786	0.516199	1.18037	1.18037	16.8864	16.9724	6.893417	1
cg07626226	ANKS3;ANKS3;C16orf71	0.0287202	0.312824	0.767289	-1.30329	0.058063	0.376238	-1.73539	0.017922	0.40726	-2.57138	0.159753	0.217179	-2.11726	0.4561775	0.2117	2.11791	0.854988	0.954864	-1.04727	0.04235108	0.82852	1.82852	0.873012	1.04121	1.0424134	0.498603	2.00856	4.57502	4.52045	0.768332	1
cg03893922	ANKS3;C16orf71	0.0022892	0.00202942	0.767488	-1.30295	0.0108572	0.929457	-1.0759	0.00112005	0.237553	-2.71735	0.13588	0.0779836	0.1951771	-1.09179	0.726-06	0.638664	0.6826	-1.69203	-1.43843	0.4249065	0.964126	-1.03721	0.595866	0.9762585	-1.02459	0.8622282	1.00782	1.00782	1.60928	1.40402	0.228304	1
cg08407274	ANKS3;C16orf71	0.0187027	0.555465	1.2978	1.2978	0.0146661	1.71902	1.71902	0.170631	1.89232	1.89232	0.0238895	0.307833	-1.24851	0.541947	1.30978	1.30978	0.00748395	0.222016	4.50418	?	?	?	0.15038	0.50974	-1.96178	0.977586	0.987795	-1.01236	4.90099	13.183	2.68987	1
cg09752011	ANKS4B	0.00170044	0.00014439	0.112924	-8.85549	0.0289554	0.04709	-2.21725	0.00155155	0.219586	-4.55403	0.582345	0.831441	-1.20273	0.0102946	0.340565	-2.9163	0.000535744	0.166163	-6.01817	0.142435	0.591383	-1.69095	0.0228485	0.40361	-2.47764	0.01943	0.442233	-2.26125	10.107	17.7664	1.56251	1
cg14313746	ANKS6	0.0128887	0.00968211	0.202766	-4.93179	0.0089552	0.376124	-2.65877	0.0166924	0.245014	-4.08141	0.0116473	0.219232	-4.56138	0.00153526	0.172876	-5.78449	0.003983	0.155165	-6.44476	0.0179979	0.250723	-3.98847	0.629421	0.7901336	-1.26369	0.0876927	0.400162	-2.49756	5.44542	19.3805	3.26154	1
cg00208693	ANKS7;ANKZF1	0.000459142	0.000186877	0.228229	-4.38156	0.000211811	0.234435	-4.26557	0.0533841	0.598032	-1.67215	0.000180539	0.226535	-4.41434	0.427032	0.826959	-1.20925	0.0095659	0.463603	-2.15702	0.925061	0.976901	-1.02365	0.992694	1.00215	1.00215	0.000552107	0.284696	-3.51251	14.6321	12.7199	0.772724	1
cg04733530	ANKZF1;ANKZF1;ATG9A;ANKZF1;ATG9A	0.00838478	0.000816353	0.173757	-5.75516	0.0828403	0.170554	1.0075	0.00132233	0.197873	-5.05374	0.655501	1.16852	1.16852	0.95724	1.35211	1.35211	0.686449	1.15114	1.15114	0.048538	0.443302	-2.2558	0.230325	1.54725	1.54725	0.00466063	0.27116	-3.68786	7.95285	15.1518	1.69352	1
cg09461495	ANKZF1;ANKZF1;ATG9A;ATG9A	0.0114313	0.01686857	0.799541	-1.25072	0.0060748	0.175554	1.14893	0.0687247	0.339449	1.03444	0.380564	0.3227776	1.48552	0.0001547	0.1210315	1.52103	1.00955	1.00955	1.00955	0.889233	0.921018	-1.08469	0.8888994	1.012297	1.012297	0.566181	0.763565	0.119878	1
cg23558158	ANKZF1;ANKZF1;ATG9A;ATG9A	0.0124941	0.247786	1.2126	1.2126	0.019238	0.636486	-1.57113	0.17814	0.795915	-1.25641	0.266011	1.2031	1.2031	0.193988	1.24513	1.24513	0.322274	1.17718	1.17718	0.00070236	0.438586	-2.28005	0.386728	0.8680111	-1.15206	0.752808	1.0517	1.0517	5.50088	2.2174	0.35831	1
cg10634964	ANKZF1;ATG9A;ANKZF1;ANKZF1;ATG9A	0.00518673	0.00153074	0.0424136	-23.5774	?	?	?	0.00751545	0.112312	-8.90376	?	?	?	?	?	?	?	?	?	?	0.135554	2.45525	2.45525	15.3058	27.8778	2.27674	1
cg11117896	ANKZF1;ANKZF1;ANKZF1;ATG9A	0.0187735	0.878232	0.978555	-1.02191	0.288245	0.855655	-1.16869	0.00964468	0.629281	-1.58911	0.00805366	1.61599	1.61599	0.01986	1.4882	1.4882	0.266375	0.848961	-1.17791	0.26751	0.849318	-1.17742	0.136391	0.797007	-1.25469	0.542693	0.916562	-1.09303	4.80649	1.52187	0.281447	1
cg06620605	ANO1	0.00522023	0.0696903	0.13141	-7.61049	0.0166937	0.712134	-1.40437	0.75387	0.38784	2.58226	0.0045168	0.566727	-1.76452	0.005391	1.16916	1.16916	0.029714	0.886389	1.12883	0.05015369	0.13936	-7.17481	0.0155264	0.8704273	0.788447	-1.26832	0.132219	0.817756	-1.2319	2.4254	1.08417	0.213983	1
cg00267323	ANO1	0.0234136	0.04248821	0.66926	1.66926	0.107571	0.25481	-1.5784	0.982088	1.00543	1.00543	0.0379469	1.69518	1.69518	0.269775	1.28666	1.28666	0.0536899	0.618467	-1.6169	0.00781896	0.2114442	2.14585	0.340525	1.30521	1.30521	0.0316497	1.723621	1.723621	4.45736	4.39589	0.977209	1
cg03187894	ANKLN;ANKLN;KIAA0895	0.00295767	0.0101241	0.311064	-3.21477	0.324494	1.4253	1.4255	0.0724716	2.02775	2.02775	0.000152344	0.0847372	-11.8012	0.979555	0.991155	-1.00892	0.441257	1.13401	1.13401	0.0805643	1.97968	1.97968	0.210917	1.58521	1.58521	0.171065	1.6657	1.6657	10.1279	18.8768	1.44966	1
cg19529675	ANO1	0.00353935	0.42284	1.39364	1.39364	0.0111691	1.58234	1.58234	0.0024307	0.580515	1.59075	0.104213	1.08881	1.08881	0.0001	1.11329	1.11329	0.100642	1.15468	1.15468	0.0005	1.11329	-1.35297	0.991449	0.9321687	-1.07275	0.147345	1.13241	1.08445	0.8252312	0.0900436	1
cg26705266	ANO1	4.36E-05	0.835771	1.0279	1.0279	0.10061	0.787879	-1.26923	0.0909143	1.28001	1.28001	0.0349504	1.38511	1.38511	0.321596	1.14539	1.14539	0.00290368	1.72046	1.72046	2.12E-06	2.121352	-6.68204	0.00128416	2.41723	2.41723	0.931742	2.01142	2.01142	27.6027	6.68297	0.247383	1
cg25730351	ANO1	0.00057317	0.0122003	0.584435	-1.71099	0.0247402	0.557521	1.63149	0.141549	0.151354	1.84184	1.24184	0.81001	1.05589	0.1659	1.66511	1.66511	0.431026	0.826427	-1.1995	0.0507	0.7408834	1.35145	0.0924211	1.63536	1.63536	0.710071	0.919132	0.488798	0.785265	7.07615	0.717874	1
cg20150017	ANO1	0.00833999	0.41462	0.86993	-1.14952	0.732496	0.944282	-1.05901	0.0826733	1.37871	1.37871	0.474188	0.885484	-1.12933	0.00340033	0.514118	0.94508	0.314427	0.840438	-1.18986	0.0670948	1.40907	1.40907	0.00139369	2.16815	2.16815	0.737653	0.945435	-1.05778	6.26148	2.76887	0.393072	1
cg00927494	ANO1	0.00397196	0.0183035	0.289307	-3.45665	0.0129727	0.647108	1.54558	0.7367-05	0.751126	1.33133	0.0417929	0.5225	-1.91387	0.0086611	-1.05306	0.381736	1.14741	0.0239152	0.6226681	0.0025	0.7505937	1.33227	0.0216651	0.8838984	0.8838984	0.0127456	-1.02307	4.4658	3.0961	0.779454	1.20307	0.240473	1
cg01120391	ANO1	0.0325746	0.0270969	0.363097	-2.75408	0.352286	1.44864	1.44864	0.743508	0.880615	-1.13557	0.179373	0.575663	-1.73713	0.132177	0.5330642	1.87602	0.565127	0.798384	-1.25253	0.0407701	0.234396	-4.26628	0.0363539	0.56535	0.56535	0.405344	0.719175	1.39048	1.39048	9.4232	2.11067	1
cg07776163	ANO1	0.0483106	0.0399121	0.59285	-1.68677	0.393775	1.21202	1.21202	0.516512	0.8652	-1.1558	0.249216	1.30358	1.30358	0.837669	1.04619	1.04619	0.296561	1.26902	1.26902	0.0088442	0.480168	-2.08261	0.0470581	0.606162	-1.64921	0.107065	0.678921	-1.47293	3.43259	2.63437	0.682186	1
cg18034092	ANO10	0.00147172	0.48865	0.7979	-1.25346	0.0429178	0.6422	1.41771	0.0539133	0.736847	1.35744	0.0436611	-1.05306	0.381736	1.14741	1.63832	1.63832	0.853384	1.04125	1.04125	0.1086	1.10686	-1.51886	0.882892	0.7479159	-1.33699	0.8227	0.797454	-1.02307	4.4658	3.0961	0.779454	1.20307	1
cg01120391	ANO1	0.0325746	0.0270969	0.363097	-2.75408	0.352286	1.44864	1.44864	0.743508	0.880615	-1.13557	0.179373	0.575663	-1.73713	0.132177	0.5330642	1.87602	0.565127	0.798384	-1.25253	0.0407701	0.234396	-4.26628	0.0363539	0.56535	0.56535	0.405344	0.719175	1.39048	1.39048	9.4232	2.11067	1
cg07776163	ANO1	0.0483106	0.0399121	0.59285	-1.68677	0.393775	1.21202	1.21202	0.516512	0.8652	-1.1558	0.249216	1.30358	1.30358	0.837669	1.04619	1.04619	0.296561	1.26902	1.26902	0.0088442	0.480168	-2.08261	0.0470581	0.606162	-1.64921	0.107065	0.678921	-1.47293	3.43259	2.63437	0.682186	1
cg18034092	ANO10	0.00147172	0.48865	0.7979	-1.25346	0.0429178	0.6422	1.41771	0.0539133	0.736847	1.35744	0.0436611	-1.05306	0.381736	1.14741	1.63832	1.63832	0.853384	1.04125	1.04125	0.1086	1.10686	-1.51886	0.882892	0.7479159	-1.33699	0.8227	0.797454	-1.02307	4.4658	3.0961	0.779454	1.20307	1
cg23044270	ANO10	0.00821309	0.377649	0.831248	-1.20301	0.0151019	0.83978	1.83978	0.917637	0.10234	0.702586	0.948399	-1.05441	0.040343	0.454628	2.1996	2.1996	0.809588	0.05052	1.05052	0.0127853	0.53189	-1.88038	0.0113454	1.91027	1.91027	0.0664625	0.656896	-1.52231	6.29184	4.15414	0.586883	1
cg00008865	ANO10	0.0163054	0.0116434	0.16194	-6.17537	0.0474044	0.523123	1.91171	0.255994	1.8647	1.36447	0.0105882	0.629553	-1.58842	0.0427474	0.5426055	1.24979	0.783384	0.90	1.11041	0.0264	0.2249594	-4.44	0.0396396	1.2556	1.2556	0.2024	1.33178	1.33178	1.33178	0.9408	0.5918	0.628304	1
cg25157839	ANO10	0.028021	0.268298	0.805199	-1.24193	0.560412	1.11698	1.11698	0.103531	0.715655	-1.39732	0.532069	0.88787	-1.12629	0.0135503	0.563193	-1.77559	0.31137	0.821348	-1.21751	0.00899118	1.86675	1.86675	0.334774	1.20553	1.20553	0.0678648	1.46859	1.46859	4.18657	2.34125	0.497092	1
cg07580010	ANO10	0.0258652	0.821714	0.561285	-1.04027	0.2334	0.709093	-1.56189	0.0548086	1.00996	1.00996	0.114497	0.74143	-1.34902	0.0842372	1.37556	1.37556	0.256846	0.918915	1.09145	0.1742	0.6027898	-1.65844	0.0314515	1.19846	1.19846	0.534266	1.11948	1.11948	1.11948	0.52059	1.60925	0.439849	1
cg10058896	ANO10	0.0472335	0.991814	0.9866	-1.01357	0.129875	1.20891	1.20891	0.5839	0.139495	0.824495	0.0482009	0.550	-1.81705	0.0029	2.0262	2.0262	0.930592	1.07447	1.07447	0.1063	1.07447	0.1815137	1.20362	0.6736	0.9461564	-1.05691	0.0672634	0.715475	1.51141	1.51141	0.9416243	0.240399	1
cg23036678	ANO1;ANO1	5.01E-05	0.0464962	0.682573	-1.46505	0.0797719	0.722072	-1.3849	0.000572488	0.40938	-2.44272	0.508295	1.11895	1.11895	0.000336179	0.379713	-2.63357	0.000199714	0.351361	-2.84608	0.000338711	0.380128	-2.6307	3.32E-06	0.15901	-6.2889	9.11E-05	0.310007	-3.22573	26.5837	11.8098	0.394887	1
cg24938968	ANO1;ANO1	7.10E-05	0.2156643	0.81387	-1.22896	0.213132	1.00437	1.00437	7.82E-05	0.40938	-2.44272	0.508295	1.11895	1.11895	0.306505	0.0003039	0.439472	-2.27553	0.745872	0.954925	1.0472	1.0472	3.40E-05	0.320339	-3.12169	0.0002222	0.696687	-1.43537	24.255	7.0238	0.283207	1
cg14938313	ANO1;ANO1	7.11E-05	0.0283888	0.507789	-1.96932	0.278619	0.744477	-1.34422	0.000475373	0.237602	-4.20871	0.000401116	0.228846	-4.36974	3.10E-05	0.118916	8.40929	0.001720	0.309826	-3.22762	4.14E-05	0.129207	-7.73952	1.79E-05	0.100747	-9.92586	0.000105966	0.281378	-3.55393	24.2525	26.3528	0.965866	1
cg22110295	ANO1;ANO1	0.00011148	0.0005616	0.215944	-3.93604	0.733951	0.1475	-1.07536	1.75E-05	0.153723	-5.50523	0.041003	0.665175	-1.65241	0.0130236	0.518853	-1.92733	0.047488	0.147504	-6.78116	0.0012154	0.564569	-2.74296	0.432666	1.19056	1.19056	0.21328	1.19056	1.19056	1.19056	13.1328	15.4608	0.638527	1
cg06446633	ANO1;ANO1	0.00016252	0.00016352	0.0473684	-21.1111	0.0237333	1.60904	1.60904	0.819397	0.952523	-1.04436	0.00172312	1.34298	1.34298	0.253336	1.04298	1.04298	0.002210	2.26272	2.26272	0.478343	0.877175	-1.14008	1.34E-05	0.160868	5.66988	0.0903742	1.42655	1.42655	19.4086	11.1409	0.510241	1
cg24665412	ANO1;ANO1	0.00016418	0.599713	0.937017	-1.06719	0.00182908	0.580546	-1.72252	0.000116851	0.436566	-2.2906	0.290036	0.873844	-1.14437	0.792453	0.968134	-1.03291	0.001074236	0.577988	-1.73014	0.695704	1.04945	1.04945	5.78E-06	0.285665	-3.5006	0.154509	0.829317	-1.20581	19.3081	4.6117	0.212309	1
cg25632676	ANO1;ANO1	0.00205744	0.185514	0.7956	-1.25677	0.0405095	0.1551	-1.55	0.0001	0.1224	0.1224	0.0001607	1.1224	1.1224	0.3496	1.3432	1.3432	0.000172	0.1224	1.1224	0.0001	1.1224	0.0001716	0.1224	1.1224	1.1224	0.0038426	1.37947	1.37947	1.37947	0.484298	1.0004	0.709185	1
cg24635896	ANO1;ANO1	0.00249824	0.153831	0.667198	-1.49881	0.594299	0.867207	-1.15313	0.00754254	0.402062	-2.48718	0.00423069	0.227597	-4.39374	6.04E-05	0.140305	-7.12734	0.001405	0.293537	-3.40673	8.66E-05	0.154627	-6.46718	0.413847	1.24782	1.24782	0.000896183	0.267731	-3.73509	17.2933	19.2385	0.988877	1
cg08644959	ANO1;ANO1	0.00291317	0.5	0.134192	-7.45203	0.129727	0.647108	1.54558	7.78E-05	0.751126	-1.33133	0.417929	0.5225	-1.91387	0.0086611	-1.05306	0.381736	1.14741	0.0239152	0.6226681	0.0025	0.7505937	1.33227	0.0216651	0.8838984	0.8838984	0.0127456	-1.02307	4.4658	3.0961	0.779454	1.20307	1
cg02213975	ANO1;ANO1	0.00037287	0.957904	0.80893	1.03893	0.546-05	1.53874	1.53874	0.0204303	0.60119	1.60119	0.932604	0.98585	-1.01435	0.0027625	2.00207	2.00207	0.030464	1.54394	1.54394	0.116858	0.750478	-1.43248	0.0330646	0.9969	0.382039	-2.61753	0.893897	1.02176	1.02176	0.45924	0.96575	0.399666	1
cg17547336	ANO1;ANO1	0.00491533	0.00015783	0.458672	-2.18021	0.0240406	1.38315	1.38315	0.471871	1.0922	1.0922	0.766732	1.0365	1.0365	0.924803	1.01144	1.01144	0.000510	0.519888	-1.92349	0.000482732	1.9342	1.9342	0.37406	0.895868	-1.11624	0.715154	0.95679	-1.04516	14.3584	3.30284	0.20447	1
cg05531016	ANO1;ANO1	0.00498034	0.68E-05	0.110727	-9.03197	0.0262585	0.612175	-1.63341	0.0440054	0.155543	-1.09225	0.161813	1.18223	1.18223	0.517086	0.629083	-1.58961	0.741738	0.783866	-1.27573	0.0131469	1.241	1.241	0.025355	0.577756	-1.73084	0.147362	0.725003	1.37835	0.70951	4.74913	0.599706	1
cg26340149	ANO1;ANO1	0.00055895	0.000249727	0.287062	-3.48357	0.0420609	1.62217	1.62217	0.0444004	0.456593	-2.19014	0.000117963	0.248593	-4.02263	0.0104489	0.698243	-1.43217	0.138558	1.39	1.39	0.00218833	0.41725	-2.42866	0.0410147	0.614471	-1.62742	0.121594	0.707086	-1.41426	3.87539	9.37313	0.600442	1
cg26086911	ANO1;ANO1	0.00129289	0.000303036	0.166463	-6.00732	0.0288212	0.67135	1.49254	0.0178822	0.27515	-3.63475	0.00134233	0.164837	-6.06733	0.0048749	0.4033384	-2.48021	0.001744	0.293533	-3.40715	0.0048749	0.4033384	-2.48021	0.0115154	0.2224873	-4.49496	0.0414403	0.744845	-1.34277	4.2225	2.7225	0.297486	1
cg21942734	ANO1;ANO1	0.00145603	3.89E-05	0.288398	-3.46743	0.308335	0.846699	-1.18106	0.879127	0.976269	-1.02431	0.00824693	0.5867	-1.70445	0.00237358	0.512323	1.95189	0.08816556	0.743074	-1.34576	0.153803	1.27251	1.27251	0.253653	0.8284496	-1.20701	0.16983	0.793922	1.25957	10.5697	4.1696	0.350655	1
cg11480066	ANO1;ANO1	0.00146851	0.0171078	0.445894	-2.24269	0.656612	0.88307	-1.13241	0.000693101	0.237246	-4.21504	0.237369	0.70691	-1.41058	4.66E-05	0.118198	8.46109	0.28914	0.736552	-1.35768	0.384171	0.780386	-1.28142	0.00553088	0.3630352	-2.75443	0.0865105	0.590847	-1.69249	0.54438	12.8962	1.08721	1
cg23876072	ANO1;ANO1	0.00519391	0.0164804	0.276139	-3.62126	0.552228	0.59282	-1.68283	0.00875602	0.607557	-1.64641	0.00427214	-1.1498	-1.16729	0.0074142	-1.34956	0.0016017	1.34243	0.0816507	1.34243	1.34E-05	0.0001	0.0001716	0.1224	1.1224	1.1224	0.0038426	1.37947	1.37947	1.37947	0.484298	1.0004	0.709185	1
cg07642499	ANO1;ANO1	0.0028206	0.0170428	0.458161	-2.18264	0.943773	0.981251	-1.01911	0.0102129	0.41872	-2.38823	0.147003	0.658617	-1.51833	0.000102236	0.157874	-6.33415	0.251933	0.725311	1.37872	0.0379457	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error	F(Test	SS(Test)	SS(Error)	
cg24217729	ANO7	0.00199736	0.000250912	0.246347	4.05932	0.011809	0.482195	-2.07385	0.309332	0.783426	-1.27644	0.010154964	0.347876	-2.87458	0.0195316	0.519564	-1.92409	0.145628	0.695956	-1.43687	0.000329396	0.260426	-3.83986	0.369571	0.663896	-1.55932	0.64562	8.22201	0.757606	1
cg16296797	ANO7	0.00439637	0.480418	0.86016	-1.16257	0.00278141	0.420754	-2.37669	0.00285221	0.422204	-2.36853	0.366106	0.125331	2.215131	0.787498	0.104818	-1.05838	0.415328	0.839582	-1.19107	0.000290125	0.28903	-3.45985	0.228025	0.76665	-1.30438	0.211407	0.758438	-3.1185	0.63144	5.33057	0.62089	1
cg00156223	ANO7	0.00599567	0.586021	0.863689	-1.15782	0.104212	0.622919	-1.60535	0.00695104	0.394315	-2.53605	0.462977	0.819481	-1.22028	0.0146258	0.44882	-2.22806	0.731316	1.0962	1.0962	1.000156238	0.178217	-5.61115	0.350314	0.774004	-1.29198	0.978525	1.0072	1.0072	6.94071	7.80583	0.999685	1
cg14380199	ANO7	0.00649059	0.416124	1.17824	1.17824	0.0469198	0.63813	-1.56659	0.00208172	0.425237	-2.35174	0.0593853	0.52199	1.52199	0.226239	0.778127	-1.28502	0.0165565	1.78105	1.78105	0.328974	0.816682	-1.21999	0.0160539	0.652398	-1.53281	0.0104492	0.529308	-1.88926	6.77242	4.1778	0.548342	1
cg07901199	ANO7	0.00821995	0.175751	0.757731	-1.31973	0.0553163	0.657961	-1.51585	0.730238	0.935475	-1.06898	0.0784559	0.686141	-1.45743	0.000572514	0.357866	-2.79434	0.248591	1.26164	1.26164	0.860692	1.04123	1.44123	0.189773	0.765186	-1.30687	0.00397369	0.530013	-1.88674	6.29018	3.69939	0.522774	1
cg00871501	ANO7	0.0104129	0.100922	0.395363	-2.52932	0.00193711	0.103795	-9.6344	0.191619	0.488661	-2.04223	0.241548	0.530898	1.886836	0.001392	0.0913891	-10.9422	0.00287705	0.126324	-8.31091	0.370355	0.621794	-1.60825	0.074192	0.357944	-2.79452	0.283358	0.562298	-1.77842	5.83452	24.653	3.75588	1
cg01752462	ANO7	0.0144662	0.486792	0.753548	-1.32706	0.808184	1.10595	1.10595	0.65556	1.19697	1.19697	0.561265	1.26522	1.26522	0.147132	0.536314	-1.86458	0.569157	1.25913	1.25913	0.0630992	0.432920	-2.30985	0.000377628	9.73113	9.73113	0.886438	1.0589	1.0589	5.24544	13.3235	2.2578	1
cg21598631	ANO7	0.0162301	0.224915	0.556299	-1.79806	0.0930041	0.47387	-1.97216	0.0950549	0.469973	-2.30329	0.218917	1.83128	1.83128	0.00508834	0.182255	-5.48671	0.187905	0.526453	-1.89951	0.00116102	0.157123	-8.59369	0.0981204	0.6039982	-1.65568	0.130308	0.472036	-2.11848	5.04695	16.8713	2.97143	1
cg08831094	ANO7	0.0248141	0.010991	0.402995	-2.12632	0.614413	1.12773	1.12773	0.0756534	0.626541	-1.59607	0.128205	0.678181	-1.47453	0.217803	0.521497	-1.91756	0.295676	0.773831	-1.29227	0.00735626	0.44185	-2.26231	0.00805666	0.448198	-2.23116	0.0720323	0.622202	-1.60766	4.36855	3.86793	0.787024	1
cg24678502	ANO7	0.0302087	0.0253806	0.317441	-3.1502	0.625807	0.808801	-1.2364	0.153255	0.516671	-1.93547	0.885842	0.939855	-1.06399	0.00227226	0.158269	-6.31838	0.0445638	0.369369	-2.70732	0.0169342	0.284288	-3.51756	0.150809	0.5143444	-1.94422	0.0459399	0.372393	-2.68533	4.07678	12.0386	2.62486	1
cg00366092	ANO7;ANO7	0.0608844	0.0108757	0.540405	-1.8335	0.0223229	0.595043	-1.68055	0.0142447	0.563716	-1.77394	0.66298	1.08669	1.08669	0.0129489	0.557204	-1.79467	0.636756	1.03189	1.03189	0.00309606	0.329632	-3.03369	0.647745	0.916478	-1.09113	0.0105539	0.543388	-1.8403	7.60978	4.33234	0.506055	1
cg07435844	ANO7;ANO7	0.012284	0.0879602	0.631417	-1.32346	0.738505	1.01831	1.01831	0.00550086	0.666497	-1.49946	0.665417	0.952854	-1.04984	0.0162418	0.621748	-1.6096	0.0276538	1.5326	1.5326	0.0127338	0.653576	1.30049	0.0125444	0.14315	1.4115	0.37944	1.10575	1.10575	5.63151	1.07911	0.173446	1
cg17338834	ANO7;ANO7	0.0373438	0.98966	1.00052	1.00052	0.00636194	0.622952	-1.56526	0.00330245	0.646497	-1.7046	0.0092155	0.984921	-1.01531	0.509326	0.96457	-1.03931	0.0963943	0.78406	-1.27541	0.37012	1.13049	-1.13049	0.783053	1.03747	-1.03747	0.863221	0.977284	-1.02324	3.7771	1.06235	0.250009	1
cg17355241	ANO8	0.00168129	0.977245	0.993415	-1.00663	0.00262855	0.623725	0.479526	1.18117	1.18117	0.0992015	1.51994	1.51994	0.676012	0.907232	-1.10225	0.352926	0.803185	-1.24784	0.00308665	0.39137	-2.55512	0.000157855	4.46847	4.46847	0.940452	0.982843	-1.01746	10.1402	8.61734	0.755396	1
cg00363845	ANO8	0.00216631	0.00659813	0.273852	-1.67935	0.00202329	0.105405	-9.95077	0.0220767	0.499307	-2.00234	0.0178	0.744043	-1.29566	0.00184007	0.492512	0.00664143	0.272331	3.6724	3.6724	0.0178	0.384907	-2.59555	0.000700158	0.148275	-6.74424	0.00462353	0.248917	-4.02088	0.0762022	0.482613	2.07205	0.44371	0.91972	1
cg23324101	ANO8	0.00297676	0.199372	0.605153	-1.65247	0.0908964	1.9935	1.9935	0.90323	0.955945	-1.04609	0.0585894	0.20658	2.20658	0.104662	0.518424	-1.92892	0.12734	0.542948	-1.8418	0.000369726	0.121079	-8.25907	0.0037816	4.25169	4.25169	0.120761	0.536173	-1.86507	8.57793	18.641	1.93168	1
cg24706697	ANO8	0.00609156	0.000202209	0.199024	-5.16321	0.4770363	1.18748	1.18748	0.951053	0.985768	-1.01444	0.184825	0.680312	1.46546	0.461062	0.836641	-1.19526	0.189637	1.13111	1.13111	0.0550159	0.596268	-1.67737	0.154254	0.8674459	-1.15279	0.284767	0.767992	-1.30225	6.64315	5.94383	0.795316	1
cg20442138	ANO8	0.0082586	0.655981	0.82133	-1.21754	0.0202265	0.41893	-2.38593	0.0144963	0.389675	-2.56677	0.0131227	0.314993	3.044083	0.869675	0.0912377	-10.9596	0.159598	0.548443	-1.82268	0.00149006	0.133866	-7.47013	0.0189461	0.148158	6.7451E-08	0.0998951	0.451888	-2.21294	6.24756	19.1921	2.71323	1
cg00538604	ANO8	0.0105862	0.054002	1.9534	1.9534	0.025877	2.24741	2.24741	0.749835	1.10289	1.10289	0.0591921	1.9196	1.9196	0.0117386	0.381493	-2.62128	0.940537	0.977421	-1.0231	0.0293412	0.455794	-2.19397	0.00656856	2.94659	2.94659	0.818861	0.932187	-1.07275	5.80367	8.61373	1.31928	1
cg15101483	ANO8	0.00432084	0.0041298	0.174257	-5.7384	0.0439554	0.680092	-1.4709	0.464419	0.702879	-1.42272	0.0124745	0.269599	-2.07053	0.0123751	0.242209	-4.12475	0.0155686	0.258883	-3.8627	0.00538632	0.186286	-5.36492	0.0228267	0.0388313	-3.78951	0.00881649	0.220565	-4.53382	5.41746	17.7075	2.90543	1
cg17648101	ANO8	0.0159062	0.0329726	1.99671	1.99671	0.138289	0.624939	-1.55657	0.527814	1.19407	1.19407	0.0245306	1.20175	2.01075	0.191059	1.46794	1.46794	0.0155521	2.2775	2.2775	0.0126056	0.432231	-2.36339	0.0436148	0.920368	1.90268	0.404747	1.26666	1.26666	5.08092	6.18692	1.08238	1
cg13529221	ANO8	0.0207533	0.0477463	0.665059	-1.50381	0.31403	1.03458	1.03458	0.0754574	0.630163	-1.58648	0.0148148	0.307327	3.254795	0.0407069	0.751604	-1.33049	0.0407069	0.751604	-1.33049	0.0148148	0.307327	-3.25395	0.0407069	0.751604	-1.33049	0.0148148	0.307327	-3.25395	0.0407069	0.751604	-1.33049	0.0148148	0.307327	-3.25395	4.64296	1.07097	0.231005	1
cg11446345	ANO8	0.0370958	0.0351778	0.706055	-1.41632	0.76314	0.95803	-1.04381	0.765563	0.958466	-1.04333	0.607915	1.07617	1.07617	0.812477	0.966848	-1.03429	0.239722	1.19082	1.19082	0.00110983	0.505759	-1.97723	0.719839	0.950189	-1.05242	0.950299	1.00888	1.00888	3.78629	1.20679	0.283313	1
cg03665970	ANO8	0.0479592	0.0605263	0.438771	-2.27806	0.145643	0.544555	-1.83636	0.740014	0.87849	-1.13832	0.374738	0.701576	-1.42536	0.0102754	0.284018	-3.5209	0.327105	0.674652	-1.48225	0.00305699	0.206361	-4.84588	0.0800164	0.469715	-2.12895	0.619281	0.82295	-1.21514	4.44208	8.25025	2.13056	1
cg27431587	ANO9	0.344913	0.0122915	0.6983	-1.43175	0.67935	0.0209627	1.57357	-2.5E-05	0.0136758	-2.76628	0.0274086	0.305237	1.30527	0.0111784	0.0896439	-11.1529	0.0646046	0.478386	-2.09081	0.64229	0.0152915	0.0433111	0.660281	1.5039	1.5039	0.0433111	0.660281	1.5039	1.5039	0.0433111	0.660281	1.5039	1.5039	0.0433111	0.660281	1.5039	1.5039	1
cg22098317	ANO9	0.00012764	0.447677	0.88466	-1.13038	0.0138813	0.617913	-1.61835	0.000421679	0.412761	-2.42271	0.972676	1.00544	1.00544	1.77E-05	0.249044	-4.01503	0.0023121	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	0.0002452	1
cg17063910	ANO9	0.00033233	0.000188307	0.127303	-7.74107	0.0102048	0.62294	-1.62284	0.0017262	0.426463	-2.34602	-1.7779	0.0107746	1.44922	0.0013267	0.0903227	-11.0702	0.0015641	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	0.0001325	1
cg27132004	ANO9	0.00072505	0.0334786	0.563665	-1.7741	0.0270901	0.462006	-2.16306	0.141	0.732132	-1.36532	-2.79156	0.0447933	0.836547	-1.19539	0.0104498	0.346785	0.707485	1.41348	1.41348	0.0155667	0.350108	-2.85626	0.0598166	0.612584	-1.63243	0.341943	0.797751	-1.25352	12.8805	10.8631	0.749663	1
cg24466610	ANO9	0.00176067	0.00212306	0.125885	-7.94378	0.0593282	0.360037	-2.77749	0.031493	0.29806	-3.35503	0.0357318	0.309527	-3.23074	0.000339258	0.0626183	-15.9698	0.0422926	0.325491	-3.07228	0.000232994	0.0534084	-18.7236	0.00512771	0.169607	-5.896	0.0154748	0.240423	-4.15933	10.0057	36.4909	3.2418	1
cg19913688	ANO9	0.00705917	0.0139436	0.179579	-5.56796	0.0960462	0.613306	-1.63025	0.0135	0.384878	-2.6	0.0116851	0.283014	-3.88691	0.0139764	0.452033	-2.21278	0.528051	1.24095	1.24095	0.0343128	0.775809	-1.29005	0.0143124	0.2579	-3.87779	0.0244792	0.414351	-2.41299	6.83186	21.7289	3.17544	1
cg27420135	ANO9	0.00258572	0.0104525	0.437615	-2.28511	0.0441695	0.373947	-2.67418	0.59875	0.827722	-1.14584	0.269316	0.134578	-7.43196	0.0136129	0.457214	-2.18716	0.0429576	0.18705	0.18705	0.0328773	0.527367	-1.89621	0.0011764	0.147343	0.347143	0.297053	0.757916	-1.31941	8.9428	9.31028	0.925415	1
cg19528419	ANO9	0.00259597	0.72672	0.91943	-1.08763	0.0324485	0.570526	-1.75276	0.0145648	0.381148	-2.62348	0.0077938	0.247407	-4.04473	0.0179389	0.510361	-1.95961	0.0185842	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	0.0054264	1
cg23763873	ANO9	0.0039961	0.0136854	0.307185	-3.25537	0.441189	1.35532	1.35532	0.0502199	0.421403	-2.37303	0.00361773	0.21773	-4.59284	0.00249162	0.196538	-5.08807	0.0289755	0.369126	-2.70911	0.00155018	0.171732	-5.82303	0.00337138	0.213603	-4.68158	0.0231647	0.349616	-2.86028	7.8548	18.6425	2.10968	1
cg05122969	ANO9	0.013016	0.0300467	0.14115	11.415	0.818042	1.14825	1.14825	0.560472	0.760495	-1.31505	0.0017866	0.183651	-5.44722	0.0036553	0.368754	-2.71178	0.0316735	0.31547	-3.17045	0.00185322	0.194009	-5.15426	0.0026455	0.0826147	-12.1089	0.0073963	0.265551	-3.76565	0.0016506	0.0826147	-12.1089	0.0073963	0.265551	-3.76565	4.23435	1.07953	0.254988	1
cg06498186	ANO9	0.0307553	0.0430075	0.717117	-1.3945	0.0208164	0.574574	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	0.0003315	1
cg16841955	ANO9	0.0184221	0.0584057	0.414751	-2.41108	0.106131	0.488992	-2.04502	0.0196474	0.313506	-3.18973	0.0561145	0.410529	-2.43588	0.00460794	0.211891	-4.7194	0.896966	0.94808	-1.05476	0.0021877	0.170629	-5.86067	0.161375	0.540187	-1.85121	0.032177	0.356093	-2.80825	4.83723	12.9746	2.3842	1
cg03647643	ANO9	0.0188813	0.0078074	0.424887	-2.35346	0.0974546	-1.4336	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	1
cg07703079	ANO9	0.0255143	0.248956	0.683717	-1.46259	0.182618	1.56244	1.56244	0.97662	0.797146	-1.25448	0.838241	1.06662	1.06662	0.0369113	0.465481	2.14831	0.155406	0.618997	-1.61552	0.00102742	0.21545	-4.64145	0.0739461	0.533446	-1.8746	0.0105838	0.645739	-1.54861	4.34792	8.85509	1.40146	1
cg18880902	ANO9	0.0300059	0.0832682	0.522331	-1.9145	0.127763	0.572504	-1.74671	0.0602405	0.487807	-2.04999	0.719487	0.885012	-1.12993	0.0285717	0.416872	-2.39882	0.0231784	0.938762	-2.50776	0.00156576	0.214597	-4.6599	0.0836923	0.522894	-1.91243	0.676886	0.867669	-1.15251	4.08655	7.42516	1.61509	1
cg18792041	ANO9	0.0173161	0.0088057	0.428474	-2.33347	0.0729558	-1.4336	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	0.0070292	1
cg24932241	ANO9	0.039312	0.376604	1.6866	1.6866	0.933631	0.04915	1.04915	0.31413	0.24579	2.47579	0.0546277	0.511225	3.511225	0.056216	1.9969	1.9969	0.118462	2.65505	2.65505	0.00108522	0.16092	16.0932	0.0639825	3.31801	3.31801	0.116413	2.67211	2.67211	0.76072	19.4846	4.67251	1
cg03365403	ANO9	0.0148642	0.339834	0.684919	-1.46033	0.0259209	0.39276	-2.54662	0.0014396	0.366635	-2.72885	0.0228807	0.242862	-4.11764	0.0014396	0.366635	-2.72885	0.0228807	0.242862	-4.11764	0.0014396	0.366635	-2.72885	0.0228807	0.242862	-4.11764	0.0014396	0.366635	-2.72885	0.0228807	0.242862	-4.11764	0.0014396	0.366635	-2.72885	0.0228807	0.242862	-4.11764	0.0014396	1
cg14591054	ANO9	0.00090608	0.00663744	0.504762	-1.98113	0.0638025	0.667427	-1.49829	0.976205	1.0058	1.0058	6.18E-05	0.238458	-4.1936	0.0187988	0.628582	-1.59088	0.0025695	0.444308	-2.25069	0.00025402	0.310444	-3.22119	0.711958	0.930562	-1.07462	0.545952	0.888175	-1.1259	12.1201	7.22829	0.530125	1
cg00205904	ANO9	0.0024061	0.39929	-2.50645	0.677385	0.109511	1.10511	1.10511	0.660391	1.36091	0.997134	0.674539	-1.48459	0.0107108	0.129353	1.12853	1.12853	0.0651392	0.40471	-2.47091	0.00604397	0.582925	-1.71609	0.152362	0.256166	-3.90372	0.0107618	0.498569	-2.00534	5.90247	7.13982	0.647827	1
cg07818826	ANO9	0.0025387	0.108517	0.6486	1.85686	0.132921	1.32521	1.32521	0.0837282	0.83949	-1.29009	0.1611599	0.39355	-2.93555	0.0615922	0.20783	-4.81193	0.0397783	0.937645	-1.02707	0.0572514	0.467251	-2.14018	0.000113431	0.0910719	-10.9832	0.0138302	0.842255	1.07298	1.07298	0.998769	1.07962	1.75942	1
cg00209923	ANP32A	0.00271078	0.0839317	0.475061	-2.10499	0.00388042	0.220103	-4.54332	0.112643	0.510625	-1.95839	0.0706953	0.455642	-2.19471	0.000154777	0.0958459	-10.4334	0.0014231	0.165909	-6.02739	0.0128125	0.300249	-3.33057	0.545582	1.26879	1.26879	0.00824835	0.268493	-3.7245	8.81901	21.1561	2.13238	1
cg26735215	ANP32A	0.00294841	0.00705917	0.179579	-5.56796	0.0960462	0.613306	-1.63025	0.0135	0.384878	-2.6	0.0116851	0.283014	-3.88691	0.0139764	0.452033	-2.21278	0.896688	1.06077	1.06077	0.0286394	0.462691	-2.16022	0.0976564	0.728246	-1.37277	0.0286394	0.462691	-2.16022	0.0976564	0.728246	-1.37277	0.0286394	0.462691	-2.16022	0.0976564	0.728246	-1.37277	1
cg25703361	ANP32A	0.00358366	0.456269	0.807045	-1.23909	0.0316755	0.272032	-3.67604	0.0905622	0.559002	-1.68633	0.180156	1.49012	-1.49012	0.000630815	0.229443	-4.35838	0.047173	0.529097	-1.89001	0.208469	0.68964	-1.45003	0.0265183	2.08961	0.0924883	0.595205	1.68009	8.1162	10.0941	1.10551	1
cg19952604	ANP32A	0.00360569	0.6849	1.06919	1.05599	0.0898084	1.27311	1.27311	0.696978	0.940982	-1.06365	0.0042986	0.600564	-1.66524	0.000302812	0.145644	-2.19087	0.639189	1.06591	1.06591	0.545738	1.08508	1.08508	0.0162213	1.48092	1.48092	0.323528	0.872457	-1.14619	8.1433	2.38823	0.251881	1
cg08362102	ANP32A	0.012131	0.872368	0.950572	-1.05178	0.413801	1.2984	1.2984	0.0275102	0.442013	-2.26242	0.0096663	0.176492	-5.66421	0.009663	0.209131	-4.78058	0.414328	1.27952	1.27952	0.526382	0.781418	-1.28784	0.0158479	0.653733	-1.52975	0.0158479	0.653733	-1.52975	0.0158479	0.653733	-1.52975	0.0158479	0.653733	-1.52975	0.0158479	0.653733	-1.52975	1
cg16460466	ANP32A	0.0132347	0.98326	1.00796	1.00796	0.0099536	0.292385	-3.42015	0.116369	0.52489	-1.90516	0.0280146	0.64597	2.64597	0.0673514	0.21623	2.16923	0.0004243	0.31583	0.31583	0.087126	0.21607	4.62693	0.0004243	0.31583	0.31583	0.087126	0.21607	4.62693	0.0004243	0.31583	0.31583	0.087126	0.21607	4.62693	0.0004243	0.31583	0.31583	1
cg06482648	ANP32A	0.0137764	0.1917	0.61177	-1.63441	0.0761163	0.641383	-1.55938	0.0644998	0.52556	-1.90256	0.0176276	0.807972	-1.23787	0.0644998	0.52556	-1.90256	0.0176276	0.807972	-1.23787	0.0644998	0.52556	-1.90256	0.0176276	0.807972	-1.23787	0.0644998	0.52556	-1.90256	0.0176276	0.807972	-1.23787	0.0644998	0.52556	-1.90256	0.0176276	0.807972	-1.23787	1
cg26634409	ANP32A	0.0189641	0.0199216	2.02201	2.02201	2.24524	1.37672	1.37672	0.148818	0.678417	-1.47402	0.519878	0.849195	-1.17759	0.364978	0.791951	-1.2627	0.196836	0.710405	-1.40765	0.00818321	0.428299	-2.33482	0.00601429	0.406804	-2.45818	0.357176	0.788762	-1.26781	4.79012	4.76364	0.883974	1
cg20362672	ANP32A	0.0163784	0.163894	1.15269	1.15269	0.142364	0.800185	-1.24071	0.574736	1.08296	1.08296	0.0590519	1.35163	1.35163	0.0971084	1.29353	1.29353	0.0651392	0.40471	-2.47091	0.00604397	0.582925	-1.71609	0.152362	0.256166	-3.90372	0.0107618	0.498569	-2.00534	5.90247	7.13982	0.647827	1
cg25139636	ANP32A	0.0214414	0.351044	0.767491	-1.30295	0.018317	0.20199	-2.20109	0.0115456	0.38802	-2.57734	0.0022906	0.138802	3.132282	0.0012398	0.0593958	0.518807	1.9275	0.658641	1.88632	-1.13041	0.201754	4.95014	0.0022906	0.138802	3.132282	0.0012398	0.0593958	0.518807	1.9275	0.658641	1.88632	-1.13041	0.201754	4.95014	0.0022906	0.138802	3.132282	1
cg15042184	ANP32A	0.0217813	0.0470772	0.417996	-2.39237	0.109197	0.51147	-1.95515	0.87569	1.06193	1.06193	0.112346	0.515024	-1.94166	7	7	7	0.000855989	0.14625	-6.83762	0.0871896	0.484356	-2.0646	0.759292	0.888722	-1.12521	0.584163	1.23634	1.23634	4.65134	9.64811	2.07426	1
cg27191457	ANP32A	0.0219378	0.0474312	0.417996	-2.39237	0.184728	0.509356	-1.96414	0.0742393	1.03	1.03	0.0408058	1.12842	2.12842	0.0315691	1.387759	-2.57892	0.396547	0.7575	-1.32013	0.181143	0.517488	-1.93211	0.0228111	2.29257	2.29257	0.0475429	0.484217	-2.06471	4.44971	7.22616	1.44071	1
cg16442450	ANP32A	0.0351992	0.601116	1.06564	1.06564	0.0167541	0.703345	-1.42178	0.828718	0.974223	-1.02646	0.836862	1.02516	1.02516	0.65976	0.948002	-1.05485	0.395171	0.900359	-1.11067	0.0016858	0.58216	-1.71774	0.261092	1.15173	1.15173	0.574884	0.70969	1.07069	3.85919	0.887945	0.204521	1
cg04503783	ANP32A	0.0390792	0.523165	0.8179	-1.22322	0.0477496	0.623454	-1.60433	0.0626918	0.492725	-2.03013	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	0.0362128	0.167784	5.9607855	1
cg02123654	ANP32B	0.00212597	0.00298479	0.640664	-1.56088	0.0724633	1.24492	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12225685	ANXA3	0.00155893	0.0003754	2.37668	2.37668	0.000689872	0.454447	-2.20048	0.0180638	0.64585	-1.54835	0.905905	1.01816	1.01816	0.112303	0.768592	-1.30108
cg21243394	ANXA3	0.0031899	0.989792	1.00127	1.00127	0.00111509	0.621046	-1.61019	0.000688935	0.598066	-1.67206	0.202658	0.875089	-1.14274	0.118474	0.845238	-1.1831
cg10366878	ANXA3	0.00334122	0.0516871	0.467429	-2.13936	0.0803486	0.51367	-1.94678	0.0716997	0.501274	-1.99492	0.00165697	0.213118	-4.69223	0.117457	0.55769	-1.79311
cg17927583	ANXA3	0.00980469	0.219328	0.638623	-1.56587	0.00570541	0.284095	-3.51995	0.0135349	0.34612	-2.88917	0.307211	0.692834	-1.44335	0.00190943	0.217346	-4.60095
cg08908264	ANXA3	0.0111187	0.449286	0.74295	-1.34599	0.00412033	4.40512	4.40512	0.528983	0.782085	-1.27863	0.0412971	2.47711	2.47711	0.791073	0.902741	-1.10774
cg20456136	ANXA3	0.0150614	0.123271	0.725178	-1.37897	0.00909124	0.528373	-1.8926	0.0360071	0.62535	-1.5991	0.191485	0.766313	-1.30495	0.00283592	0.453371	-2.2057
cg12725599	ANXA4	4.97E-05	0.809341	1.03666	1.03666	0.000755713	2.1399	2.1399	6.62E-05	2.97331	2.97331	0.868411	0.975604	-1.02501	5.20E-06	0.214106	-4.67059
cg05720666	ANXA4	0.000413942	0.00172272	0.414467	-2.41274	0.246238	1.25449	1.25449	0.000340312	0.313104	-3.19383	6.82E-05	0.223189	-4.48052	0.00254894	0.440271	-2.27133
cg11942603	ANXA4	0.00286167	0.0010188	0.0985446	-10.1477	0.00955202	0.209893	-4.76433	0.023208	0.275071	-3.63543	0.653955	1.2394	1.2394	0.000783096	0.0892921	-11.1992
cg13355704	ANXA4	0.00289006	0.057997	0.489421	-2.04323	0.0770574	0.519174	-1.92614	0.00437494	0.281072	-3.5578	0.0223664	0.401493	-2.4907	0.000565741	0.168411	-5.93787
cg19353425	ANXA4	0.00310664	0.67476	0.893144	-1.11964	0.239123	0.718846	-1.39112	0.0675716	0.5779	-1.7304	0.0354202	0.519007	-1.92676	0.00093675	0.266586	-3.75114
cg22615730	ANXA4	0.00872962	0.0249198	0.175692	-5.69179	0.0196668	0.159427	-6.27245	0.0316374	0.193638	-5.16428	0.288769	0.487947	-2.0494	0.010864	0.124444	-8.03575
cg26034355	ANXA4	0.0104228	0.0771333	0.843354	-1.18574	0.000907624	1.5375	1.5375	0.525076	1.05742	1.05742	0.551885	0.949162	-1.05356	0.719345	0.969204	-1.03177
cg20382057	ANXA4	0.0147007	0.477716	0.901813	-1.10888	0.991129	0.99841	-1.00159	0.136214	1.25843	1.25843	0.59777	0.926604	-1.07921	0.000405362	0.447186	-2.23621
cg10534439	ANXA4	0.0162625	0.276073	0.878786	-1.13793	0.0713033	1.25826	1.25826	0.260015	1.14339	1.14339	0.336475	0.89313	-1.11966	0.0124333	0.701332	-1.42586
cg09547034	ANXA4	0.0170677	0.344006	1.55101	1.55101	0.750582	0.866239	-1.15442	0.0889899	2.32706	2.32706	0.385886	0.670148	-1.49221	0.316014	1.59486	1.59486
cg11072779	ANXA4	0.0172768	0.734001	0.885975	-1.1287	0.348971	1.4081	1.4081	0.000804664	0.166107	-6.02022	0.00506612	0.268385	-3.72599	0.24227	0.647654	-1.54403
cg17719951	ANXA4	0.0228307	0.880811	1.01638	1.01638	0.0569844	1.26272	1.26272	0.268071	0.882551	-1.13308	0.426938	0.915899	-1.09182	0.00215056	0.627069	-1.59472
cg05136786	ANXA4	0.0310515	0.342098	1.31751	1.31751	0.961383	0.986453	-1.01373	0.176305	1.49926	1.49926	0.282968	0.730325	-1.36925	0.100165	0.602041	-1.66102
cg17372745	ANXA4	0.0359682	0.243787	0.646377	-1.54708	0.0134697	0.334656	-2.98814	0.413748	0.741579	-1.34847	0.0175096	0.35534	-2.8142	0.00277752	0.228564	-4.37514
cg22792910	ANXA4	0.0467291	0.047823	0.195357	-5.11884	0.0133728	0.109581	-9.12568	0.160504	0.338944	-2.95034	0.0260085	0.148568	-6.73094	0.00813632	0.0867455	-11.528
cg19501813	ANXA5	1.32E-05	0.666933	1.04087	1.04087	0.00108213	1.56273	1.56273	1.20E-05	2.35316	2.35316	0.000229165	0.567624	-1.76173	0.0727055	0.830888	-1.20353
cg09124415	ANXA5	0.000341429	0.000146165	1.77165	1.77165	0.00101315	1.53222	1.53222	0.0896647	0.848964	-1.17791	0.225496	0.894585	-1.11784	0.733268	0.970509	-1.03039
cg08783639	ANXA5	0.000468701	0.00421565	0.397346	-2.5167	0.337051	0.787887	-1.26922	0.00149514	0.331956	-3.01245	0.391935	0.809562	-1.23524	0.0004576	0.264673	-3.77825
cg11971047	ANXA5	0.000490089	0.00687522	0.66804	-1.49692	0.0254059	0.736198	-1.35833	0.469405	1.08855	1.08855	0.0371014	0.756533	-1.32182	0.00641022	0.664438	-1.50503
cg09802389	ANXA5	0.000687331	0.0431796	0.549384	-1.82022	0.00383461	0.366565	-2.72803	0.00399581	0.369276	-2.708	0.00183293	0.319885	-3.12612	1.48E-05	0.0986387	-10.138
cg05311623	ANXA5	0.000986423	0.49207	0.915856	-1.09187	0.140724	1.22091	1.22091	0.0143779	1.46241	1.46241	0.00933174	0.660099	-1.51493	0.180818	1.19601	1.19601
cg27576968	ANXA5	0.00332864	0.424128	1.21447	1.21447	0.00128753	0.327351	-3.05482	0.00141661	0.333048	-3.00257	0.576408	1.14378	1.14378	0.071017	1.61621	1.61621
cg19130824	ANXA5	0.00879863	0.039664	0.377206	-2.65107	0.00635396	0.233189	-4.28837	0.0153014	0.295142	-3.38819	0.00300524	0.188713	-5.29906	0.0106311	0.268068	-3.7304
cg22585224	ANXA5	0.0094007	0.247904	0.839938	-1.19056	0.122813	0.785512	-1.27305	0.269082	0.846878	-1.18081	0.00599737	0.595376	-1.67961	0.0187844	1.50848	1.50848
cg15773379	ANXA5	0.0233478	0.0784248	0.456494	-2.19061	0.779192	1.11935	1.11935	0.493135	1.32205	1.32205	0.000803175	0.131435	-7.60833	0.167474	0.55421	-1.80437
cg20173065	ANXA5	0.0374926	0.0769914	0.290223	-3.44562	0.23982	0.461025	-2.16908	0.0057315	0.102436	-9.76219	0.196817	0.423817	-2.35951	0.0875375	0.305274	-3.27574
cg03208031	ANXA6;ANXA6	3.58E-05	0.339664	0.880842	-1.13528	0.000187179	2.25426	2.25426	0.00286141	0.58916	-1.69733	2.24E-05	2.99174	2.99174	0.000187248	0.443623	-2.25417
cg23172995	ANXA6;ANXA6	0.000642912	0.149669	1.35447	1.35447	0.03635	0.620064	-1.61274	0.221916	0.777115	-1.28681	0.0589325	1.52039	1.52039	5.46E-05	0.228503	-4.37631
cg11172682	ANXA6;ANXA6	0.00470978	0.12141	1.23659	1.23659	0.140572	1.22197	1.22197	0.0038121	0.61055	-1.63787	0.00710993	0.644217	-1.55227	0.0092776	0.65871	-1.51812
cg21623671	ANXA6;ANXA6	0.00831186	0.0303031	0.704272	-1.41991	0.728902	1.04907	1.04907	0.00602902	1.63875	1.63875	0.767008	0.959919	-1.04175	0.0138472	0.657881	-1.52003
cg06009042	ANXA6;ANXA6	0.0172137	0.628229	0.836593	-1.19533	0.0799569	2.03482	2.03482	0.777274	0.901497	-1.10927	0.145662	0.564822	-1.77047	0.00241746	0.21338	-4.68648
cg18643093	ANXA6;ANXA6	0.0346644	0.145823	0.480211	-2.08242	0.0274152	3.40628	3.40628	0.199762	1.88955	1.88955	0.713503	1.18913	1.18913	0.185891	0.517441	-1.93259

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10413944	AP1S3	0.0348397	0.845552	1.21994	1.21994	0.0359257	12.0334	12.0334	0.0270615	14.4095	14.4095	0.249347	3.41191	3.41191	0.194501	0.246835	-4.05129	0.926333	0.910039	-1.09885	0.824567	1.25397	1.25397	0.00224316	78.3686	78.3686	0.951732	1.06365	1.06365	3.87356	63.7463	14.6283	1
cg12833508	AP1S3	0.0425192	0.205935	0.6883	-1.45285	0.13518	1.56965	1.56965	0.714315	1.10841	1.10841	0.670934	1.1271	1.1271	0.610804	1.15453	1.15453	0.236437	1.41524	1.41524	0.000926683	3.99327	3.99327	0.384839	1.2833	1.2833	0.804995	1.07171	1.07171	3.60087	4.46978	1.10338	1
cg17569486	AP1S3;AP1S3	0.0142887	0.00177903	0.473333	-2.11268	0.0433047	1.47816	1.47816	0.0438519	1.47622	1.47622	0.0229051	0.63278	-1.58033	0.806162	1.0422	1.0422	0.986461	1.00286	1.00286	0.462326	0.881791	-1.13406	0.322281	1.18757	1.18757	0.48005	1.12829	1.12829	5.26441	2.35694	0.397966	1
cg02044337	AP2A1;AP2A1	1.14E-05	0.218062	0.746725	-1.33918	0.000250273	3.90318	3.90318	0.00210378	2.65114	2.65114	0.173875	0.721723	-1.38557	2.66E-07	0.0321466	-31.1075	0.598171	1.12737	1.12737	0.51811	1.15915	1.15915	0.0267908	1.80648	1.80648	0.539989	0.869485	-1.15011	39.2166	31.5593	0.715326	1
cg25655859	AP2A1;AP2A1	0.00158625	0.0592163	0.669501	-1.49365	0.492341	1.14037	1.14037	0.00727478	0.520942	-1.9196	0.0823844	0.695973	-1.43684	2.69E-05	0.209725	-4.76814	0.975799	0.994302	-1.00573	0.360252	1.19384	1.19384	0.494808	0.877584	-1.13949	0.979331	0.995132	-1.00489	10.3121	5.79509	0.49953	1
cg07947869	AP2A1;AP2A1	0.00839701	0.962011	1.00424	1.00424	0.958256	0.995358	-1.00466	0.252388	0.899171	-1.11214	0.172681	1.1377	1.1377	0.153685	0.87303	-1.14544	0.0167337	1.29643	1.29643	0.000411702	1.64629	1.64629	0.470755	0.936858	-1.0674	0.141062	0.868732	-1.1511	6.24803	0.781981	0.11125	1
cg22469948	AP2A1;AP2A1	0.0086567	0.00442539	0.273289	-3.65913	0.0237631	0.397847	-2.51353	0.035886	0.434434	-2.30185	0.0129673	0.348835	-2.86668	0.0340726	0.42967	-2.32737	0.0944995	0.533805	-1.87334	0.000976635	0.187294	-5.33919	0.694247	1.14445	1.14445	0.0282898	0.412975	-2.42146	6.18817	11.4315	1.64206	1
cg13099813	AP2A1;AP2A1	0.0149838	0.00573541	0.294603	-3.3944	0.821483	0.926567	-1.07925	0.21757	1.54924	1.54924	0.773963	1.10206	1.10206	0.00129501	0.205613	-4.8635	0.0157051	0.368168	-2.71615	0.711903	0.882337	-1.13335	0.669856	0.865252	-1.15573	0.29568	0.693531	-1.4419	5.18255	9.348	1.60333	1
cg14988534	AP2A1;AP2A1	0.0230803	0.142359	0.734623	-1.36124	0.0267442	0.598552	-1.6707	0.507299	0.876739	-1.14059	0.317836	1.22374	1.22374	0.600408	0.901807	-1.10888	0.117747	0.717346	-1.39403	0.0017641	2.38964	2.38964	0.796807	1.05175	1.05175	0.68701	1.08243	1.08243	4.47947	2.7129	0.538337	1
cg16570746	AP2A1;AP2A1	0.0436095	0.778068	1.04042	1.04042	0.00234007	0.551181	-1.81429	0.0455241	0.724996	-1.37932	0.379054	0.881131	-1.1349	0.985949	0.997534	-1.00247	0.0559826	0.738169	-1.3547	0.0636083	0.746433	-1.3397	0.150022	0.805417	-1.24159	0.0739284	0.756303	-1.32222	3.56711	1.11095	0.276838	1
cg07377519	AP2A1;AP2A1	0.0488988	0.747937	1.08619	1.08619	0.0230976	2.00693	2.00693	0.0479514	1.78567	1.78567	0.975579	0.992181	-1.00788	0.0201002	0.487204	-2.05253	0.866279	0.957705	-1.04416	0.0568255	0.575364	-1.73803	0.396119	0.800246	-1.24962	0.732506	1.09196	1.09196	3.41689	3.55839	0.925699	1
cg08059859	AP2A1;AP2A1	0.0495575	0.431636	1.2403	1.2403	0.521101	1.19066	1.19066	0.973597	1.00892	1.00892	0.0338407	1.94409	1.94409	0.766886	0.923332	-1.08303	0.906922	0.969104	-1.03188	0.00211483	3.1884	3.1884	0.0363501	1.921	1.921	0.892531	1.03693	1.03693	3.39959	3.87623	1.01351	1
cg18319533	AP2A2	0.00106535	0.191211	1.30412	1.30412	0.420784	0.85401	-1.17095	0.410972	1.17506	1.17506	0.0244312	1.67277	1.67277	0.00135617	0.409586	-2.44149	5.24E-05	0.234451	-4.26529	0.124393	0.726705	-1.37608	0.0698652	0.67777	-1.47543	0.454376	0.863965	-1.15745	11.557	6.7388	0.518306	1
cg13012691	AP2A2	0.00151953	0.549718	0.84066	-1.18954	0.652948	1.13861	1.13861	0.00218955	0.291699	-3.42819	0.0240849	0.462319	-2.16301	0.000151716	0.155047	-6.44965	0.0213523	0.452381	-2.21053	0.00702422	2.71686	2.71686	0.901626	1.0361	1.0361	0.128521	0.624298	-1.6018	10.4406	13.5987	1.15776	1
cg15438794	AP2A2	0.00273074	0.153841	1.37445	1.37445	0.0161293	1.8464	1.8464	0.0354561	0.600449	-1.66542	0.0313766	0.590999	-1.69205	0.00371318	0.441947	-2.26272	0.00271358	0.422019	-2.36956	0.676208	1.09144	1.09144	0.00729318	2.05608	2.05608	0.838798	1.04334	1.04334	8.79991	6.04778	0.610893	1
ch.11.42038R	AP2A2	0.00294591	0.00078543	0.186963	-5.34865	0.00213667	0.240522	-4.15762	0.0760318	0.520939	-1.91961	0.00763079	0.322065	-3.10496	0.0249147	0.414121	-2.41475	0.000352715	0.150161	-6.65952	0.0686316	0.510063	-1.96054	0.0434917	0.46447	-2.15299	0.0415039	0.460033	-2.17376	8.60449	14.868	1.53595	1
cg03325346	AP2A2	0.00317951	0.0109722	0.441184	-2.26663	0.0573193	1.73546	1.73546	0.00629977	2.48987	2.48987	0.217775	1.39432	1.39432	0.489764	1.19707	1.19707	0.00081967	0.274491	-3.6431	0.0124529	0.450553	-2.21949	0.814919	0.941653	-1.06196	0.936187	1.02074	1.02074	8.41153	8.75657	0.925351	1
cg06272648	AP2A2	0.00347272	0.0668922	2.06682	2.06682	0.00215088	4.586	4.586	0.0937093	0.521274	-1.91838	0.12179	1.80905	1.80905	0.00205185	0.215419	-4.64212	0.167808	0.594774	-1.68131	0.0148279	0.346645	-2.88479	0.114004	1.83616	1.83616	0.478712	0.775278	-1.28986	8.19296	16.2089	1.75857	1
cg27368423	AP2A2	0.00645072	0.267332	1.32871	1.32871	0.266247	1.32964	1.32964	0.0905479	1.58195	1.58195	0.00237781	0.352775	-2.83467	0.013475	0.471261	-2.12197	0.188993	1.40813	1.40813	0.19363	1.40255	1.40255	0.757647	0.9267	-1.0791	0.00367885	0.380719	-2.62661	6.78537	6.50059	0.851582	1
cg16311334	AP2A2	0.0106055	0.00498199	0.529076	-1.89009	0.037387	0.661182	-1.51244	0.0718191	1.4109	1.4109	0.172952	0.780062	-1.28195	0.188786	0.787838	-1.2693	0.237859	0.809155	-1.23586	0.0114314	1.7196	1.7196	0.457576	0.878481	-1.13833	0.050141	1.46594	1.46594	5.80028	2.69466	0.412955	1
cg11016847	AP2A2	0.0134096	0.174837	0.461136	-2.16856	0.750989	1.18621	1.18621	0.00569805	6.9925	6.9925	0.493483	1.45211	1.45211	0.662132	1.26598	1.26598	0.953599	1.0317	1.0317	0.00104036	0.0739484	-13.5229	0.905084	1.06608	1.06608	0.22845	0.507625	-1.96996	5.37534	24.4938	4.0504	1
cg04494197	AP2A2	0.0161274	0.218553	0.77066	-1.29759	0.00143805	2.52823	2.52823	0.450453	1.16741	1.16741	0.999153	0.999786	-1.00021	0.234935	0.778332	-1.2848	0.110151	0.704336	-1.41978	0.0401522	1.61178	1.61178	0.555881	0.886994	-1.1274	0.0609384	0.653653	-1.52986	5.05763	3.24587	0.570467	1
cg03081707	AP2A2	0.0166731	0.000718414	0.291501	-3.43052	0.575077	1.14525	1.14525	0.567816	1.14828	1.14828	0.144436	1.45557	1.45557	0.385794	1.23726	1.23726	0.709943	0.914425	-1.09358	0.0294898	0.541269	-1.84751	0.12894	0.675105	-1.48125	0.30689	0.776243	-1.28826	5.00183	4.54217	0.807201	1
cg18269526	AP2A2	0.0207339	0.0286866	4.96103	4.96103	0.00183862	15.5752	15.5752	0.0312049	4.80188	4.80188	0.0547284	3.86614	3.86614	0.347609	0.54872	-1.82242	0.89586	1.08467	1.08467	0.048049	4.065	4.065	0.0603018	3.72422	3.72422	0.0740901	3.43931	3.43931	4.64721	28.3471	5.42205	1
cg02271275	AP2A2	0.0219858	0.0742252	2.87699	2.87699	0.00246746	9.35796	9.35796	0.00788845	6.11314	6.11314	0.0512742	3.2511	3.2511	0.207101	2.02739	2.02739	0.907746	1.06352	1.06352	0.0174913	4.64788	4.64788	0.0729385	2.89372	2.89372	0.0376899	3.59863	3.59863	4.55495	20.357	3.97262	1
cg08158799	AP2A2	0.0220599	0.540096	0.898695	-1.11273	0.000468053	2.57818	2.57818	0.827048	1.0384	1.0384	0.988929	0.997614	-1.00239	0.64885	0.924089	-1.08215	0.322743	0.838708	-1.19231	0.520131	0.893805	-1.11881	0.150345	0.766825	-1.30408	0.964796	1.00763	1.00763	4.5497	2.13681	0.417476	1
cg27185623	AP2A2	0.0247459	0.0641249	0.673629	-1.4845	0.00140135	0.415325	-2.40775	0.368537	0.83913	-1.19171	0.471346	1.14928	1.14928	0.681753	1.08145	1.08145	0.309067	0.818806	-1.22129	0.0336553	1.60185	1.60185	0.386258	0.844791	-1.18372	0.698918	0.928851	-1.0766	4.37274	2.49742	0.507675	1
cg26840099	AP2A2	0.0278924	0.0214762	0.42264	-2.36608	0.0210286	0.420893	-2.3759	0.017562	0.406194	-2.46188	0.529754	0.819987	-1.21953	0.00676883	0.33477	-2.98712	0.0105215	0.366561	-2.72806	0.0595178	0.515262	-1.94076	0.709244	0.889785	-1.12387	0.163118	0.628694	-1.5906	4.19346	6.45557	1.36839	1
cg25255113	AP2A2	0.0299249	0.353673	1.3581	1.3581	0.67844	0.87483	-1.14308	0.612865	1.17781	1.17781	0.0328194	0.448952	-2.22741	0.0377775	0.461742	-2.16571	0.0173934	0.39501	-2.53158	0.00457947	0.297969	-3.35605	0.556249	1.21033	1.21033	0.20014	0.647849	-1.54357	4.09047	6.66506	1.44837	1
cg14677673	AP2A2	0.030715	0.634705	0.828426	-1.20711	0.808033	0.908711	-1.10046	0.0174237	3.12177	3.12177	0.0563243	0.427464	-2.33938	0.0179425	0.322687	-3.09898	0.0208678	0.335046	-2.98466	0.0869027	0.475433	-2.10335	0.940115	1.02999	1.02999	0.500357	1.30868	1.30868	4.05274	9.92691	2.17727	1
cg27316224	AP2A2	0.0322746	0.868312	1.08654	1.08654	0.0106926	0.200944	-4.9765	0.9487	0.968331	-1.0327	0.0204756	0.247421	-4.04169	0.0565638	0.33975	-2.94334	0.226373	0.529768	-1.88762	0.0359496	3.38846	3.38846	0.216251	1.91714	1.91714	0.983825	0.989912	-1.01019	3.98167	15.7744	3.52157	1
cg02989715	AP2A2	0.0358792	0.0137361	0.306556	-3.26205	0.00810182	3.72771	3.72771	0.722344	1.14851	1.14851	0.0584246	0.436109	-2.293	0.546951	1.26688	1.26688	0.105284	0.503166	-1.98742	0.602397	0.81548	-1.22627	0.366616	0.69771	-1.43326	0.731079	0.874685	-1.14327	3.83251	9.14184	2.1203	1
cg24504414	AP2A2	0.0422892	0.581558	0.875108	-1.14272	0.237106	0.743143	-1.34564	0.245818	0.747575	-1.33766	0.443555	1.2059	1.2059	0.00136677	0.328389	-3.04517	0.219725	0.733958	-1.36248	0.060737	0.602463	-1.65985	0.355985	1.25553	1.25553	0.699927	0.911356	-1.09727	3.60813	3.28267	0.80871	1
cg15065108	AP2A2	0.0440924	0.443285	0.759407	-1.31682	0.00768046	3.34084	3.34084	0.00530522	3.64621	3.64621	0.0506073	2.19091	2.19091	0.505995	1.26821	1.26821	0.862891	1.06275	1.06275	0.801544	1.09273	1.09273	0.136413	1.75939	1.75939	0.922633	0.966375	-1.03479	3.55248	6.97504	1.74527	1
cg11997603	AP2A2	0.049837	0.152441	0.743181	-1.34557	0.00582087	2.01243	2.01243	0.542596	0.887493	-1.12677	0.392205	1.18501	1.18501	0.253442	1.25981	1.25981	0.0849978	1.44602	1.44602	0.0173076	1.7531	1.7531	0.898516	1.02502	1.02502	0.71444	1.07376	1.07376	3.39234	2.01475	0.527921	1
cg02160255	AP2B1;AP2B1	0.000362852	0.000427717	1.35579	1.35579	0.0261432	1.14688	1.14688	0.0496887	0.890897	-1.12246	0.787597	0.986439	-1.01375	9.29E-05	1.47546	1.47546	0.022781	1.15227	1.15227	0.830391	0.989215	-1.0109	7.46E-05	1.49565	1.49565	0.00757448	1.19822	1.19822	19.6227	0.777097	0.0308015	1
cg09345786	AP2B1;AP2B1	0.00420691	0.00225612	0.114254	-8.75241	0.0147211	0.217911	-4.58903	0.0241631	0.255554	-3.91307	0.125994	0.431613	-2.31689	0.00414079	0.142134	-7.03562	0.0258453	0.261089	-3.83012	0.00127815	0.092199	-10.8461	0.00192031	0.107625	-9.29148	0.0136732	0.212737	-4.70064	7.73386	31.549	3.62607	1
cg09144769	AP2B1;AP2B1	0.00479539	0.0432347	0.526661	-1.89875	0.0729612	1.73585	1.73585	0.60342	0.865441	-1.15548	0.183331	0.677539	-1.47593	0.000589527	0.231356	-4.32235	0.0380696	0.515304	-1.9406	0.00508924	0.36025	-2.77585	0.283739	1.35946	1.35946	0.0126823	0.425601	-2.34962	7.43268	8.95061	1.07042	1
cg17978367	AP2B1;AP2B1	0.00519131	0.00623525	4.48981	4.48981	0.000784865	8.48938	8.48938	0.22101	1.71939	1.71939	0.953876	0.975928	-1.02467	0.0324229	2.8719	2.8719	0.780906	0.889178	-1.12463	0.00130157	7.19107	7.19107	0.028794	2.96294	2.96294	0.0254761	3.06015	3.06015	7.25486	20.3902	2.49827	1
cg22500183	AP2B1;AP2B1	0.00519221	0.686972	0.937154	-1.06706	0.161899	1.27037	1.27037	0.000510727	0.419143	-2.38582	0.0317175	0.668005	-1.497	0.722808	1.05873	1.05873	0.934161	1.01333	1.01333	0.113776	1.31744	1.31744	0.241137	1.21726	1.21726	0.00663395	1.75866	1.75866	7.25448	2.94966	0.361421	1
cg15705266	AP2B1;AP2B1	0.0120135	0.000285242	0.0316352	-31.6104	0.909273	1.0687	1.0687	0.542627	0.698234	-1.43218	0.704347	0.800757	-1.24882	0.0925422	0.339959	-2.94153	0.029959	0.225743	-4.42982	0.13751	0.393683	-2.54011	0.0602144	0.290725	-3.43967	0.398995	1.65411	1.65411	5.57146	29.9749	4.78229	1
cg17217920	AP2B1;AP2B1	0.0217711	0.534427	1.18234	1.18234	0.00241817	0.324799	-3.07882	0.283022	0.74308	-1.34575	0.578181	0.86111	-1.16129	0.378374	0.786155	-1.27201	0.0577017	1.7706	1.7706	0.0560135	1.77932	1.77932	0.0616196	1.75145	1.75145	0.509575	0.836862	-1.19494	4.5703	5.12981	0.997709	1
cg22193691	AP2B1;AP2B1	0.0239372	0.450913	0.807184	-1.23888	0.00121083	0.266779	-3.74843	0.042205	0.520683	-1.92055	0.995669	1.00151	1.00151	0.46035	1.23319	1.23319	0.122088	1.59565	1.59565	0.144542	1.54812	1.54812	0.840461	0.945345	-1.05782	0.469532	0.814496	-1.22775	4.42341	5.44776	1.09473	1
cg23252586	AP2B1;AP2B1	0.0347757	0.0143651	0.229533	-4.35667	0.526891	0.731502	-1.36705	0.524412	1.36969	1.36969	0.560866	0.750689	-1.33211	0.0209276	0.257929	-3.87704	0.15129	0.47243	-2.11671	0.00862193	0.19527	-5.1211	0.300211	1.68797	1.68797	0.0420255	0.319	-3.13479	3.87614	14.5991	3.34791	1
cg03218192	AP2B1;AP2B1;AP2B1;AP2B1	0.000456638	0.00103946	0.356473	-2.80526	7.07E-05	0.214466	-4.66274	0.00206685	0.397921	-2.51306	0.571201	1.12925	1.12925	0.00502165	0.454569	-2.19989	0.00380973	0.436553	-2.29067	0.000321823	0.290495	-3.4424	0.81811	0.952246	-1.05015	0.00355169	0.432036	-2.31462	14.6543	10.4717	0.635189	1
cg08421983	AP2M1;AP2M1	0.000403005	0.0474503	0.677606	-1.47578	0.0483276	0.67893	-1.47291	0.00210986	0.476157	-2.10015	0.420122	0.868166	-1.15185	2.35E-05	0.23469	-4.26093	0.00152459	0.456906	-2.18864	0.00026849	0.358381	-2.79033	0.000967577	0.430393	-2.32346	0.0458512	0.675135	-1.48119	15.1689	7.07703	0.414711	1
cg06676563	AP2M1;AP2M1	0.00120796	0.968102	1.00697	1.00697	0.00764717	0.551213	-1.81418	0.179112	0.780417	-1.28137	0.0964063	0.728251	-1.37315	0.000310636	0.361916	-2.76307	0.00147186	0.450502	-2.21974	0.349139	1.18227	1.18227	0.00217486	2.11104	2.11104	0.0961046	0.728001	-1.37362	11.1507	5.32957	0.42485	1
cg16289175	AP2M1;AP2M1	0.00225396	0.0010883	0.211344	-4.73163	0.118605	0.579119	-1.72676	0.0014139	0.225427	-4.43602	0.0338342	0.449819	-2.22312	0.019822	0.403736	-2.47686	0.0175181	0.393671	-2.54019	0.000223171	0.137921	-7.25051	0.786104	1.09167	1.09167	0.0533165	0.492732	-2.0295	9.311	15.3305	1.46355	1
cg24661752	AP2M1;AP2M1	0.00430856	0.0389751	0.60722	-1.64685	0.140584	0.718273	-1.39223	0.000575212	0.328781	-3.04153	0.568525	0.886646	-1.12785	0.000356715	0.302327	-3.30768	0.284158	0.79274	-1.26145	0.147261	0.722785	-1.38354	0.0156316	0.538642	-1.85652	0.015923	0.53997	-1.85196	7.67821	5.29911	0.613466	1
cg04736401	AP2M1;AP2M1	0.00569861	0.621095	0.927668	-1.07797	0.498636	0.90167	-1.10905	0.217678	1.21582	1.21582	0.197764	0.814533	-1.2277	6.80E-05	0.333436	-2.99908	0.82839	0.967817	-1.03325	0.973129	0.994937	-1.00509	0.840141	0.970025	-1.0309	0.154627	0.794874	-1.25806	7.05026	2.53543	0.319664	1
cg08832136	AP2M1;AP2M1	0.00629336	0.319382	0.873504	-1.14481	0.0412525	0.73385	-1.36268	0.0279242	0.710773	-1.40692	0.0296655	1.39995	1.39995	0.173209	0.826565	-1.20983	0.860885	0.977209	-1.02332	0.0122126	1.50738	1.50738	0.685863	0.947959	-1.0549	0.00114005	0.533205	-1.87545	6.8375	1.87061	0.243183	1
cg20683223	AP2M1;AP2M1	0.0124933	0.0412641	1.30194	1.30194	0.0686181	1.25664	1.25664	0.00110383	1.71434	1.71434	0.280693	0.881907	-1.13391	0.0530442	0.781626	-1.27938	0.779607	1.03194	1.03194	0.0999506	1.22389	1.22389	0.337478	1.1172	1.1172	0.199171	0.858952	-1.16421	5.501	1.09432	0.176828	1
cg19119818	AP2M1;AP2M1	0.0248358	0.56842	1.30698	1.30698	0.549559	1.3247	1.3247	0.0102442	0.222467	-4.49504	0.153533	0.491816	-2.03328	0.0409376	0.334332	-2.99104	0.711016	1.18865	1.18865	0.0083929	0.209362	-4.7764	0.083697	2.43258	2.43258	0.327049	1.59978	1.59978	4.36723	14.9167	3.03609	1
cg21111294	AP2M1;AP2M1	0.0413599	0.349988	1.15507	1.15507	0.754946	0.954166	-1.04804	0.57871	0.919384	-1.08768	0.6222	0.928278	-1.07726	0.171473	1.24379	1.24379	0.257708	1.19362	1.19362	0.0422658	1.41986	1.41986	0.0220782	1.50883	1.50883	0.0101904	0.615397	-1.62497	3.63796	1.29377	0.316117	1
cg27514286	AP2M1;AP2M1;AP2M1;AP2M1	0.00431328	0.0231311	0.697823	-1.43303	0.379219	0.887349	-1.12695	0.192727	1.20039	1.20039	0.667138	1.059	1.059	0.148133	0.814212	-1.22818	0.0214027	0.693317	-1.44234	9.34E-05	0.397251	-2.5173	0.751037	0.958706	-1.04307	0.446849	0.90238	-1.10818	7.67567	2.13379	0.247105	1
cg02303361	AP2S1;AP2S1	0.000835578	0.539812	0.919924	-1.08705	3.55E-05	2.9244	2.9244	0.00275789	1.74251	1.74251	0.139216	0.807346	-1.23863	0.432846	0.897961	-1.11363	0.254439	1.17353	1.17353	0.0682381	1.31594	1.31594	0.167969	0.820705	-1.21846	0.00480685	1.65386	1.65386	12.3795	3.54507	0.254549	1
cg14815743	AP2S1;AP2S1	0.00335028	0.0633589	0.416138	-2.40305	0.0277877	0.335533	-2.98033	0.0167498	3.40775	3.40775	0.15774	0.530318	-1.88566	0.00210829	0.162744	-6.14461	0.00750876	0.235784	-4.24116	0.0741294	0.433586	-2.30634	0.00172447	0.152942	-6.53844	0.0101624	0.256355	-3.90083	8.28133	23.126	2.48226	1
cg00388479	AP2S1;AP2S1	0.0132914	0.180102	0.804728	-1.24266	0.0309864	1.47184	1.47184	0.324717	1.1679	1.1679	0.00103144	0.476147	-2.10019	0.829388	1.03348	1.03348	0.237013	0.827727	-1.20813	0.617517	1.07986	1.07986	0.0783616	1.34774	1.34774	0.160315	1.25724	1.25724	5.39093	1.9886	0.327892	1
cg23131950	AP2S1;AP2S1	0.0157011	0.0134973	0.15475	-6.46204	0.0227281	0.189405	-5.27969	0.180301	0.419706	-2.38262	0.310836	0.527366	-1.89622	0.00605563	0.112206	-8.9122	0.255943	0.484985	-2.06192	0.00231953	0.07457	-13.4102	0.00930462	0.133551	-7.48777	0.0726341	0.294599	-3.39444	5.10287	30.0927	5.24197	1
cg12258824	AP2S1;AP2S1	0.0180053	0.030962	2.63369	2.63369	0.0346989	2.56315	2.56315	0.0740574	2.14051	2.14051	0.280481	0.651245	-1.53552	0.284371	0.653672	-1.52982	0.0275292	2.70866	2.70866	0.00616159	3.91947	3.91947	0.250916	0.63216	-1.58188	0.278458	0.649975	-1.53852	4.87464	11.2832	2.05749	1
cg10672726	AP2S1;AP2S1	0.0196365	0.00220973	0.376469	-2.65626	0.00786258	2.17425	2.17425	0.4471	0.838219	-1.19301	0.663428	0.905087	-1.10487	0.860077	0.960612	-1.041	0.776612	0.937268	-1.06693	0.146587	1.42599	1.42599	0.933733	0.981239	-1.01912	0.106787	0.669636	-1.49335	4.73394	3.88882	0.7302	1
cg25230305	AP2S1;AP2S1	0.0213399	0.832572	1.03739	1.03739	0.00750768	1.81592	1.81592	0.0128618	1.7084	1.7084	0.547398	0.899818	-1.11134	0.0128278	0.585169	-1.70891	0.100902	0.732342	-1.36548	0.743173	0.944589	-1.05866	0.713028	1.06614	1.06614	0.633912	0.920184	-1.08674	4.60171	2.19084	0.423194	1
cg14559733	AP2S1;AP2S1	0.0473363	0.807275	1.03902	1.03902	0.00893452	0.594015	-1.68346	0.166016	0.793489	-1.26026	0.18046	0.800339	-1.24947	0.27919	0.83846	-1.19266	0.0187152	0.640047	-1.56238	0.808286	1.0388	1.0388	0.0498155	0.704426	-1.4196	0.0149787	0.625995	-1.59746	3.4591	1.34352	0.345246	1
cg01358551	AP2S1;AP2S1	0.0495442	0.0145897	0.800723	-1.24887	0.22239	1.09938	1.09938	0.0215748	1.22616	1.22616	0.732635	0.974983	-1.02566	0.17469	0.898828	-1.11256	0.0779885	0.865285	-1.15569	0.361141	0.932992	-1.07182	0.220132	0.909141	-1.09994	0.708864	1.0281	1.0281	3.39994	0.293945	0.0768496	1
cg13321746	AP2S1;AP2S1;AP2S1;AP2S1	0.00122967	0.00176759	0.547996	-1.82483	3.99E-05	0.346271	-2.88791	0.0206808	0.686386	-1.45691	0.160903	0.816877	-1.22417	0.0263209	0.700586	-1.42738	0.00167496	0.545045	-1.83471	0.777907	1.03893	1.03893	0.13157	0.802632	-1.2459	0.14087	0.807411	-1.23853	11.0942	3.20524	0.256812	1
cg14008648	AP2S1;AP2S1;AP2S1;AP2S1	0.0317652	0.410466	0.893382	-1.11934	0.00416852	1.67246	1.67246	0.0678303	1.31519	1.31519	0.238461	1.17985	1.17985	0.0608012	1.32724	1.32724	0.283008	1.16116	1.16116	0.308695	0.868384	-1.15156	0.0743207	0.766169	-1.30519	0.184821	1.2073	1.2073	4.00442	1.13786	0.25258	1
cg05606089	AP3B1	0.000809134	0.00180299	0.283722	-3.52458	0.444229	0.801422	-1.24778	0.917436	0.971	-1.02987	0.0128784	0.416261	-2.40234	3.17E-05	0.100216	-9.97848	0.00139831	0.26882	-3.71997	0.666674	1.13087	1.13087	0.106387	0.606275	-1.64942	0.00684569	0.370079	-2.70213	12.4921	15.9365	1.13398	1
cg08745899	AP3B1	0.000810452	0.0364066	1.21329	1.21329	0.296452	0.917546	-1.08986	0.808349	1.0195	1.0195	0.0493424	0.836675	-1.19521	0.142243	0.88214	-1.13361	3.19E-05	0.525285	-1.90373	0.000547682	0.6526	-1.53233	0.0961773	0.86483	-1.1563	0.091607	0.862726	-1.15912	12.4864	1.24957	0.0889552	1
cg24814117	AP3B1	0.0202256	0.00490422	0.368715	-2.71212	0.826778	1.06041	1.06041	0.544498	0.848602	-1.17841	0.0852932	0.601	-1.66389	0.00350703	0.346512	-2.8859	0.524236	0.841365	-1.18854	0.0171875	0.459746	-2.17511	0.0718755	0.584032	-1.71223	0.0201533	0.472329	-2.11717	4.68666	5.31706	1.00845	1
cg07757096	AP3B1	0.0219333	0.818423	1.05553	1.05553	0.20491	1.36938	1.36938	0.00245415	0.371475	-2.69197	0.628175	1.12153	1.12153	0.697519	1.09614	1.09614	0.0867213	0.641048	-1.55995	0.00435264	0.408458	-2.44823	0.550041	0.867511	-1.15272	0.455656	0.836462	-1.19551	4.55868	3.9879	0.777593	1
cg00272951	AP3B1	0.0307055	0.152297	0.826382	-1.21009	0.847492	0.976339	-1.02423	0.891888	1.01706	1.01706	0.0666901	0.774374	-1.29137	0.211265	0.848916	-1.17797	0.00113041	0.551089	-1.81459	0.210219	0.848563	-1.17846	0.522657	1.08391	1.08391	0.192553	1.18711	1.18711	4.05319	0.992866	0.217741	1
cg04503340	AP3B1	0.0307064	0.0113589	0.147645	-6.77299	0.0577686	0.273917	-3.65075	0.101145	0.338393	-2.95514	0.0465182	0.252556	-3.95952	0.0404486	0.239659	-4.17259	0.0509379	0.261294	-3.8271	0.00677092	0.120213	-8.31858	0.0190419	0.180279	-5.54696	0.044689	0.248787	-4.01951	4.05315	23.3872	5.129	1
cg00399139	AP3B1	0.0369531	0.891264	1.01347	1.01347	0.097526	1.1947	1.1947	0.26748	1.11966	1.11966	0.337658	1.10155	1.10155	0.0650376	1.22471	1.22471	0.0379952	1.26538	1.26538	0.00858838	0.720383	-1.38815	0.0823977	1.20714	1.20714	0.485344	0.93298	-1.07183	3.79162	0.574898	0.134776	1
cg26158634	AP3B1	0.0490369	0.157131	1.37478	1.37478	0.0486715	0.622696	-1.60592	0.00601734	0.47001	-2.12761	0.648195	0.907885	-1.10146	0.760697	1.06637	1.06637	0.250477	0.776766	-1.28739	0.108364	1.44551	1.44551	0.405101	0.835944	-1.19625	0.146808	0.720668	-1.3876	3.41324	2.39227	0.623002	1
cg15009698	AP3B1;AP3B1	0.00303976	0.00969737	0.788188	-1.26873	0.0258188	1.21229	1.21229	0.0537539	1.1727	1.1727	0.775045	0.979374	-1.02106	0.837726	0.985194	-1.01503	0.000364309	0.660002	-1.51515	0.377271	0.936224	-1.06812	0.0148073	1.24372	1.24372	0.568191	0.95891	-1.04285	8.52475	0.714335	0.0744849	1
cg17971936	AP3B2	0.00363356	0.0394138	0.811807	-1.23182	0.0209771	0.784269	-1.27507	0.158566	0.876455	-1.14096	0.70894	1.03335	1.03335	6.39E-05	0.525581	-1.90266	0.0444215	0.817102	-1.22384	0.0726697	0.839274	-1.19151	0.854899	1.01615	1.01615	0.0729952	0.839479	-1.19121	8.08262	0.980044	0.107781	1
cg13418632	AP3B2	0.00749949	0.103264	1.58681	1.58681	0.00158216	0.308747	-3.2389	0.335676	0.773196	-1.29333	0.310813	1.31219	1.31219	0.790547	1.07141	1.07141	0.781495	0.930491	-1.0747	0.00592157	2.54136	2.54136	0.0116259	2.26424	2.26424	0.355292	0.781632	-1.27938	6.47415	6.88333	0.945069	1
cg10614025	AP3B2	0.00758255	0.0521448	2.34221	2.34221	0.00813441	3.68875	3.68875	0.282472	1.53773	1.53773	0.253399	1.58341	1.58341	0.0244296	2.80976	2.80976	0.0249382	2.79579	2.79579	0.000436565	8.51274	8.51274	0.00469525	4.25365	4.25365	0.0532109	2.3309	2.3309	6.45184	15.1687	2.08984	1
cg05335955	AP3B2	0.00804319	0.11254	2.14415	2.14415	0.273877	1.6532	1.6532	0.873609	0.932126	-1.07282	0.25473	1.69053	1.69053	0.0544562	2.62062	2.62062	0.045679	2.74998	2.74998	0.000253941	14.3191	14.3191	0.00479907	5.21972	5.21972	0.0439595	2.77907	2.77907	6.33341	19.5535	2.74432	1
cg12593764	AP3B2	0.0107309	0.323864	1.40276	1.40276	0.0255674	0.4143	-2.41371	0.156915	0.604789	-1.65347	0.259226	1.47841	1.47841	0.0425879	2.17168	2.17168	0.00343946	0.267173	-3.7429	0.0244607	0.410497	-2.43607	0.0588303	2.03166	2.03166	0.784845	1.09516	1.09516	5.77841	10.0973	1.55327	1
cg25885971	AP3B2	0.0145502	0.298005	0.799481	-1.25081	0.834771	1.04428	1.04428	0.350997	1.22033	1.22033	0.0306331	1.69359	1.69359	0.0116339	1.92364	1.92364	0.0420252	1.62584	1.62584	0.000688968	2.92973	2.92973	0.418643	1.18701	1.18701	0.337136	1.22787	1.22787	5.23305	3.56647	0.605803	1
cg18253757	AP3B2	0.0155785	0.0455255	1.82775	1.82775	0.348265	1.28911	1.28911	0.828712	0.944613	-1.05863	0.297501	1.32847	1.32847	0.203937	1.42276	1.42276	0.0098905	2.35642	2.35642	0.00306816	2.90413	2.90413	0.00544922	2.61554	2.61554	0.00915476	2.388	2.388	5.11617	5.60381	0.973612	1
cg06276708	AP3B2	0.0169811	0.0396588	0.718532	-1.39173	0.671423	1.06108	1.06108	0.430101	0.894129	-1.11841	0.00614008	0.608485	-1.64343	0.274354	1.1712	1.1712	0.130373	0.796927	-1.25482	0.111894	0.786201	-1.27194	0.0152465	1.5129	1.5129	0.090365	1.29601	1.29601	4.97134	1.52003	0.271785	1
cg00673286	AP3B2	0.0395555	0.417537	1.96615	1.96615	0.0182177	10.3725	10.3725	0.261285	2.60132	2.60132	0.42719	1.93783	1.93783	0.0327752	7.67649	7.67649	0.205554	2.97373	2.97373	0.00282751	28.6641	28.6641	0.0189649	10.1591	10.1591	0.195825	3.05356	3.05356	3.69832	39.0058	9.37503	1
cg20592391	AP3B2	0.0406131	0.488787	1.70504	1.70504	0.0596698	5.01553	5.01553	0.347159	2.08444	2.08444	0.173941	2.99676	2.99676	0.0297698	6.96289	6.96289	0.544379	1.59288	1.59288	0.00239437	24.7933	24.7933	0.0134731	10.1866	10.1866	0.206918	2.74541	2.74541	3.66254	33.3949	8.10486	1
cg15381098	AP3B2	0.0433529	0.25544	1.25786	1.25786	0.291578	1.23548	1.23548	0.539605	1.1275	1.1275	0.922591	0.981394	-1.01896	0.277128	1.2441	1.2441	0.00896872	0.526134	-1.90065	0.0169115	0.569486	-1.75597	0.198343	0.768987	-1.30041	0.199726	1.29924	1.29924	3.57496	2.11408	0.525651	1
cg24369271	AP3D1;AP3D1	0.000632201	0.232796	1.33211	1.33211	0.00949909	2.12354	2.12354	0.734684	0.924998	-1.08108	0.146981	0.699965	-1.42864	5.10E-05	0.17568	-5.69216	0.000273813	0.255041	-3.92093	0.634861	1.11589	1.11589	0.894848	0.970146	-1.03077	0.311789	0.786763	-1.27103	13.3871	11.1377	0.739531	1
cg11349093	AP3D1;AP3D1	0.000919325	0.528098	0.880929	-1.13516	0.00026569	3.27934	3.27934	0.27461	1.25289	1.25289	0.0256225	0.591038	-1.69194	0.000301125	0.311689	-3.20833	0.55155	0.887384	-1.12691	0.00538885	0.483539	-2.06809	0.622351	1.10347	1.10347	0.693684	1.08167	1.08167	12.0501	7.50728	0.553781	1
cg22504094	AP3D1;AP3D1	0.00198419	0.14052	1.24197	1.24197	0.000125498	0.4013	-2.4919	0.107567	0.786599	-1.2713	0.400683	1.12477	1.12477	0.12576	1.25413	1.25413	0.0045192	0.596204	-1.67728	0.570622	1.08149	1.08149	0.00723526	0.622719	-1.60586	0.245499	0.847027	-1.1806	9.66422	2.85928	0.262989	1
cg17708571	AP3D1;AP3D1	0.00268175	0.0537968	0.73044	-1.36904	0.44034	0.893252	-1.1195	0.729044	0.951339	-1.05115	0.00110763	0.501793	-1.99285	0.00871687	0.619124	-1.61519	0.0668763	0.744757	-1.34272	0.468017	1.11174	1.11174	0.000808193	2.06473	2.06473	0.676832	1.06197	1.06197	8.84709	2.88349	0.289711	1
cg03114636	AP3D1;AP3D1	0.00317317	0.00147883	0.216687	-4.61496	0.0429167	0.459844	-2.17465	0.0199555	0.391986	-2.55111	0.334517	1.39356	1.39356	0.0317163	0.431882	-2.31545	0.00115995	0.20374	-4.90821	0.00153329	0.218659	-4.57334	0.880371	1.0515	1.0515	0.0130565	0.35818	-2.79189	8.41654	14.8197	1.56514	1
cg17428496	AP3D1;AP3D1	0.00340836	0.0029105	0.646401	-1.54703	0.438685	1.08789	1.08789	0.794485	1.02823	1.02823	0.466804	0.924068	-1.08217	0.0057958	0.680146	-1.47027	0.00327295	1.53338	1.53338	0.858214	0.98111	-1.01925	0.0175657	1.36092	1.36092	0.0227414	1.33743	1.33743	8.23892	1.48404	0.160111	1
cg00861411	AP3D1;AP3D1	0.00358555	0.55429	1.145	1.145	0.0595504	1.61827	1.61827	0.00257436	2.57541	2.57541	0.412733	1.20872	1.20872	0.463563	1.18398	1.18398	0.00178636	0.365566	-2.73549	0.00248451	0.386049	-2.59034	0.822325	0.950363	-1.05223	0.400989	0.823169	-1.21482	8.11491	6.58549	0.72136	1
cg14572808	AP3D1;AP3D1	0.00380945	0.152345	1.3004	1.3004	0.0252523	1.57748	1.57748	0.139111	1.31357	1.31357	0.0970566	1.36618	1.36618	0.00108441	0.437641	-2.28498	0.0232751	0.628387	-1.59138	0.00574247	1.85948	1.85948	0.11631	1.33962	1.33962	0.720928	0.940396	-1.06338	7.96872	3.70453	0.41323	1
cg00518029	AP3D1;AP3D1	0.00577439	0.0912738	1.25527	1.25527	0.89444	0.983903	-1.01636	0.614791	0.939856	-1.06399	0.0198344	1.41032	1.41032	0.771476	1.03624	1.03624	0.0123891	0.683489	-1.46308	0.00154081	1.74524	1.74524	0.0135897	1.45247	1.45247	0.0118209	1.46852	1.46852	7.02165	1.66174	0.210364	1
cg04273622	AP3D1;AP3D1	0.00799225	0.16495	0.725566	-1.37823	0.114734	0.689721	-1.44986	0.128382	0.700518	-1.42751	0.201928	0.746916	-1.33884	9.23E-05	0.220524	-4.53466	0.75735	0.935087	-1.06942	0.844404	0.958338	-1.04347	0.0621493	0.634595	-1.57581	0.363535	0.816907	-1.22413	6.34608	4.71382	0.660259	1
cg14584092	AP3D1;AP3D1	0.00992561	0.150785	0.811536	-1.23223	0.613526	1.07151	1.07151	0.428073	1.11597	1.11597	0.00429839	0.595813	-1.67838	0.00115954	0.523563	-1.90999	0.0149447	0.666419	-1.50056	0.808929	0.967681	-1.0334	0.283992	1.16293	1.16293	0.103027	0.785159	-1.27363	5.92475	1.72574	0.258913	1
cg19290738	AP3D1;AP3D1	0.0112359	0.850165	1.07358	1.07358	0.339228	1.44747	1.44747	0.344568	0.693848	-1.44124	0.00610486	3.83344	3.83344	0.00296375	0.216271	-4.62382	0.733476	0.879577	-1.13691	0.029925	0.383285	-2.60903	0.593906	1.2239	1.2239	0.030183	0.384057	-2.60378	5.69343	12.7093	1.98425	1
cg17278295	AP3D1;AP3D1	0.0113208	0.066471	0.594585	-1.68184	0.456053	1.21138	1.21138	0.695998	0.905569	-1.10428	0.200199	1.40751	1.40751	0.422727	0.813136	-1.22981	0.00901202	0.432257	-2.31344	0.000637281	0.265825	-3.76187	0.402027	1.24192	1.24192	0.57974	1.15177	1.15177	5.67961	5.73994	0.898332	1
cg13468300	AP3D1;AP3D1	0.0116879	0.323294	0.924889	-1.08121	0.986177	0.998675	-1.00133	0.448223	0.94256	-1.06094	0.128106	1.13417	1.13417	0.0116418	1.27296	1.27296	0.114162	1.14057	1.14057	0.00367037	0.740342	-1.35073	0.0945443	1.15103	1.15103	0.0172421	1.24865	1.24865	5.62131	0.521532	0.082469	1
cg07831731	AP3D1;AP3D1	0.0139823	0.19069	0.661568	-1.51156	0.05109	1.93946	1.93946	0.44216	1.26321	1.26321	0.0655872	0.540036	-1.85173	0.139295	0.622255	-1.60706	0.00919883	0.373083	-2.68037	0.00425756	3.12816	3.12816	0.497725	1.22784	1.22784	0.816783	1.07165	1.07165	5.30209	7.46503	1.2515	1
cg09548694	AP3D1;AP3D1	0.0222393	0.0233784	1.90549	1.90549	0.37429	1.2424	1.2424	0.620696	1.12606	1.12606	0.295334	0.772373	-1.29471	0.028691	0.541076	-1.84817	0.0165237	2.00767	2.00767	0.069336	0.616579	-1.62185	0.0343001	1.79982	1.79982	0.427372	1.21272	1.21272	4.53706	4.07025	0.797433	1
cg04270867	AP3D1;AP3D1	0.0424975	0.0277768	0.695735	-1.43733	0.0846388	1.30477	1.30477	0.98631	1.0024	1.0024	0.640701	0.936539	-1.06776	0.72632	0.952165	-1.05024	0.755926	1.04445	1.04445	0.0029272	1.7685	1.7685	0.977752	1.0039	1.0039	0.659415	0.940011	-1.06382	3.60155	1.10978	0.273901	1
cg21414902	AP3D1;AP3D1	0.0467645	0.939415	0.985629	-1.01458	0.0298837	1.62678	1.62678	0.0161766	0.571061	-1.75113	0.15935	0.750966	-1.33162	0.586398	1.11029	1.11029	0.139087	0.73846	-1.35417	0.0765587	0.687184	-1.45521	0.730597	1.06804	1.06804	0.0551208	0.660933	-1.51301	3.47498	1.99591	0.510546	1
cg07202222	AP3D1;AP3D1	0.0468216	0.0776208	1.64238	1.64238	0.698651	0.906279	-1.10341	0.228833	1.37638	1.37638	0.0390986	1.82945	1.82945	0.0172783	0.48018	-2.08255	0.404679	0.805995	-1.2407	0.0934558	0.627066	-1.59473	0.516368	1.1811	1.1811	0.160896	0.684662	-1.46057	3.47339	3.52	0.900819	1
cg21194937	AP3D1;AP3D1	0.0480148	0.571138	0.927494	-1.07817	0.385094	0.889493	-1.12424	0.660849	1.05978	1.05978	0.78685	0.964985	-1.03629	0.128077	0.805463	-1.24152	0.00688401	0.631218	-1.58424	0.150486	0.816548	-1.22467	0.83141	1.02843	1.02843	0.00401978	0.601554	-1.66236	3.44057	0.94236	0.243464	1
cg04760117	AP3M1;AP3M1	0.000482456	0.134091	1.1796	1.1796	0.111249	0.837475	-1.19406	0.138836	0.84969	-1.1769	0.792111	0.973356	-1.02737	0.105713	0.83471	-1.19802	0.527474	0.936645	-1.06764	8.97E-06	2.67399	2.67399	0.187416	0.866895	-1.15354	0.0807167	0.820355	-1.21899	14.4328	2.38909	0.14714	1
cg26469011	AP3M1;AP3M1	0.00476484	0.119177	1.4721	1.4721	0.219973	1.34301	1.34301	0.12509	0.68412	-1.46173	0.0767509	1.56847	1.56847	0.000418655	0.278292	-3.59335	0.917573	1.02395	1.02395	0.00933693	0.470522	-2.1253	0.399964	1.21777	1.21777	0.0453613	0.591615	-1.69029	7.44716	6.16701	0.736091	1
cg16490757	AP3M1;AP3M1	0.0189054	0.00285422	0.251227	-3.98046	0.0864321	0.528705	-1.89141	0.696141	0.876288	-1.14118	0.321803	0.708643	-1.41115	0.72628	0.888462	-1.12554	0.0410158	0.45228	-2.21102	0.0209884	0.392828	-2.54565	0.0335556	2.3059	2.3059	0.0799879	0.520142	-1.92255	4.79515	8.59859	1.59394	1
cg15925718	AP3M1;AP3M1;ADK;ADK	6.08E-06	0.0434377	1.16287	1.16287	0.00236583	1.31716	1.31716	0.0314603	1.17813	1.17813	0.615653	1.03343	1.03343	0.00827916	0.803039	-1.24527	0.0931454	0.886915	-1.1275	8.22E-08	0.316106	-3.16349	0.912729	0.992902	-1.00715	0.363869	1.0625	1.0625	46.1502	3.08536	0.0594264	1
cg26353328	AP3M2;AP3M2	0.00390246	?	?	?	0.0808024	1.45579	1.45579	0.379415	1.18517	1.18517	0.121421	0.72404	-1.38114	?	?	?	?	?	?	0.000282671	0.259279	-3.85685	0.0897131	0.696274	-1.43622	0.784671	0.950113	-1.05251	12.1603	4.26136	0.350432	1
cg01632240	AP3M2;AP3M2	0.0191336	0.524778	0.73025	-1.36939	0.104493	2.37639	2.37639	0.229499	0.540622	-1.84972	0.538822	0.738215	-1.35462	0.00805611	0.190979	-5.23618	0.0218531	0.261304	-3.82696	0.00554533	0.169055	-5.91524	0.506416	1.38934	1.38934	0.0296438	0.286846	-3.48619	4.77574	17.9955	3.34942	1
cg13680246	AP3M2;AP3M2	0.0442877	0.931035	1.03583	1.03583	0.910552	0.955329	-1.04676	0.482895	1.33642	1.33642	0.571355	1.2619	1.2619	0.0234368	0.332543	-3.00713	0.0821045	2.18872	2.18872	0.006089	0.233111	-4.2898	0.153198	1.86264	1.86264	0.711762	0.859915	-1.1629	3.54663	9.28884	2.32806	1
cg14554716	AP3S1	0.00119874	0.0449378	0.734384	-1.36169	0.123982	0.799735	-1.25041	0.233818	0.845825	-1.18228	0.218947	0.840765	-1.18939	0.0148736	0.669073	-1.4946	0.0032739	0.584091	-1.71206	7.64E-05	0.38222	-2.61629	0.110196	1.26307	1.26307	0.000718499	0.501279	-1.9949	11.1751	3.18511	0.253349	1
cg24770230	AP3S1	0.00133489	0.0158131	0.632247	-1.58166	0.00684665	0.58093	-1.72138	0.000592137	0.439264	-2.27654	0.162615	0.793611	-1.26006	0.02826	0.669208	-1.4943	0.991547	1.00164	1.00164	0.00423162	1.81088	1.81088	0.224166	0.820355	-1.21898	0.000671494	0.446294	-2.24067	10.8365	4.12728	0.338548	1
cg18908681	AP3S1;AP3S1;ATG12	0.00122842	0.0326719	1.30708	1.30708	4.57E-05	0.438004	-2.28309	0.0121534	0.715444	-1.39773	0.756851	0.967274	-1.03383	0.166449	0.853792	-1.17125	0.25444	1.13597	1.13597	0.0215887	1.34393	1.34393	0.812119	0.974812	-1.02584	0.481424	0.9262	-1.07968	11.0974	2.01736	0.161589	1
cg26483809	AP3S2;AP3S2	0.000656738	0.912199	0.975761	-1.02484	6.06E-05	0.192468	-5.19567	0.938089	1.01743	1.01743	0.000150726	0.235194	-4.25181	0.350032	1.23861	1.23861	0.978543	0.994035	-1.006	0.0407883	1.69103	1.69103	0.832415	1.04827	1.04827	0.219197	1.33302	1.33302	13.2454	10.3813	0.696683	1
cg12732791	AP3S2;AP3S2	0.00729759	0.442829	0.915945	-1.09177	0.0653211	0.792825	-1.26131	0.00716621	0.677344	-1.47635	0.00167521	0.604002	-1.65562	0.9286	0.989994	-1.01011	0.984691	0.997849	-1.00216	0.296743	1.12907	1.12907	0.937671	0.991263	-1.00881	0.00105353	0.580584	-1.7224	6.52968	1.30206	0.17725	1
cg21576154	AP3S2;AP3S2	0.0236587	0.0605473	0.488402	-2.0475	0.132364	0.576986	-1.73315	0.083511	0.522724	-1.91306	0.0196336	2.59774	2.59774	0.00973769	0.330485	-3.02586	0.141114	0.585094	-1.70913	0.0190646	0.382533	-2.61416	0.150127	0.593086	-1.6861	0.530398	0.806359	-1.24014	4.44135	8.0665	1.61442	1
cg02349866	AP3S2;AP3S2	0.0350973	0.0178806	0.200737	-4.98163	0.674811	0.790249	-1.26542	0.0742019	0.329587	-3.0341	0.0135179	0.181698	-5.50363	0.120397	0.390701	-2.5595	0.072661	0.327188	-3.05635	0.0144626	0.186146	-5.37212	0.226499	0.492409	-2.03083	0.00766212	0.147768	-6.76735	3.86325	19.043	4.38158	1
cg17799654	AP4B1	9.26E-05	0.5012	0.931038	-1.07407	0.214905	0.872278	-1.14642	0.0207293	0.747161	-1.3384	0.0809405	1.22453	1.22453	0.939609	0.992101	-1.00796	0.753846	0.967611	-1.03347	7.74E-06	0.358021	-2.79313	0.45472	0.923392	-1.08296	9.30E-06	0.3671	-2.72405	22.5991	3.9212	0.154233	1
cg22159133	AP4B1;AP4B1;DCLRE1B	0.00128672	0.272952	0.678257	-1.47437	0.02318	2.5183	2.5183	3.73E-05	0.0674225	-14.8318	0.0199134	2.6017	2.6017	0.543905	0.811378	-1.23247	0.457957	1.29327	1.29327	0.132812	1.73643	1.73643	0.540528	0.80992	-1.23469	0.657956	1.16371	1.16371	10.9512	20.0807	1.62991	1
cg04872610	AP4B1;DCLRE1B	0.0434366	0.248764	0.6577	-1.52045	0.0266405	2.49188	2.49188	0.960717	0.983027	-1.01727	0.596548	1.20404	1.20404	0.123962	0.560451	-1.78428	0.385316	0.733933	-1.36252	0.00328217	0.248466	-4.0247	0.780996	0.907677	-1.10171	0.416062	0.749091	-1.33495	3.57239	6.83434	1.70053	1
cg19837587	AP4E1	0.00585248	0.219313	0.859625	-1.1633	0.0638097	0.783513	-1.2763	0.0173007	0.712139	-1.40422	0.890154	0.98395	-1.01631	0.0245939	1.36817	1.36817	0.0457468	0.764774	-1.30758	0.00458831	0.642848	-1.55558	0.0442388	1.31077	1.31077	0.0194011	1.39232	1.39232	6.99265	1.51845	0.193022	1
cg04571509	AP4E1	0.0132662	0.00373178	0.134791	-7.41888	0.877264	1.08229	1.08229	0.208238	0.507177	-1.9717	0.049974	0.318595	-3.13878	0.0136777	0.210065	-4.76044	0.103074	0.401534	-2.49045	0.00273416	0.120467	-8.30103	0.00899777	0.182773	-5.47126	0.0571908	0.33255	-3.00707	5.39428	22.3691	3.68605	1
cg24311373	AP4E1	0.0167042	0.0204551	0.56446	-1.77161	0.730457	1.07338	1.07338	0.49453	1.15261	1.15261	0.145502	1.37715	1.37715	0.0018241	0.403714	-2.477	0.0502138	0.63313	-1.57945	0.520897	0.875262	-1.14251	0.0807365	1.48668	1.48668	0.867681	1.03473	1.03473	4.99873	3.31885	0.590168	1
cg08060512	AP4E1	0.0285786	0.0276656	0.623025	-1.60507	0.356177	0.841569	-1.18826	0.278618	1.22721	1.22721	0.278767	0.81491	-1.22713	0.201629	0.782647	-1.27771	0.593344	0.906682	-1.10292	0.00212418	0.456191	-2.19206	0.0180848	0.59344	-1.68509	0.528218	1.12316	1.12316	4.15768	2.17515	0.465036	1
cg00083959	AP4E1	0.0320367	0.490872	0.756635	-1.32164	0.00574358	0.236256	-4.2327	0.00275917	0.192872	-5.18477	0.732964	1.14624	1.14624	0.136664	0.52782	-1.89459	0.773875	0.891541	-1.12165	0.260027	1.59715	1.59715	0.245166	0.616026	-1.62331	0.454735	0.738264	-1.35453	3.99224	10.0421	2.23592	1
cg23429735	AP4E1	0.0408963	0.231247	0.555653	-1.79968	0.00446423	0.169555	-5.8978	0.0468079	0.344711	-2.90098	0.184597	1.93188	1.93188	0.10559	0.437225	-2.28715	0.379363	1.52501	1.52501	0.153139	2.04593	2.04593	0.978857	1.01248	1.01248	0.820101	0.898894	-1.11248	3.65315	12.6691	3.08266	1
cg12358443	AP4M1;MCM7;AP4M1;MCM7;MCM7	0.0285037	?	?	?	0.377957	1.92949	1.92949	0.299332	2.19106	2.19106	0.026296	0.13224	-7.56204	?	?	?	0.0047077	0.0488379	-20.4759	?	?	?	0.938301	1.05731	1.05731	0.508729	1.62429	1.62429	5.50197	28.6695	5.21077	1
cg26997905	AP4S1;AP4S1	0.000601342	0.00325056	0.721512	-1.38598	0.809674	0.980567	-1.01982	0.510642	1.05577	1.05577	0.458969	1.06325	1.06325	0.597525	1.04429	1.04429	0.000992385	1.48868	1.48868	6.72E-05	1.8109	1.8109	0.0410113	0.825479	-1.21142	0.0568931	0.83924	-1.19155	13.5754	1.42223	0.0931247	1
cg14346872	AP4S1;AP4S1	0.00352649	0.0949494	0.651117	-1.53582	0.0992412	1.52585	1.52585	0.869229	0.962205	-1.03928	0.491542	1.17746	1.17746	8.40E-05	0.191263	-5.22839	0.0508133	1.68247	1.68247	0.502278	0.852815	-1.17259	0.483399	1.18122	1.18122	0.655405	0.900301	-1.11074	8.15538	7.06171	0.769685	1
cg15911493	AP4S1;AP4S1	0.00768951	0.263152	0.843035	-1.18619	0.00917745	0.616168	-1.62293	0.0101146	0.621934	-1.60789	0.222387	0.82887	-1.20646	0.000243929	0.41164	-2.42931	0.0339904	0.69611	-1.43655	0.816935	0.96663	-1.03452	0.765991	0.957254	-1.04465	0.0944718	0.764105	-1.30872	6.42355	2.1795	0.301598	1
cg16078554	AP4S1;AP4S1	0.0353053	0.283977	0.772445	-1.29459	0.00277392	0.384038	-2.60391	0.807868	1.05814	1.05814	0.0526128	1.66715	1.66715	0.119457	0.675755	-1.47983	0.733484	1.08251	1.08251	0.476645	0.845467	-1.18278	0.384517	1.22976	1.22976	0.163498	1.41193	1.41193	3.85499	3.28515	0.757495	1
cg18413891	AP4S1;STRN3;STRN3;AP4S1	0.00127727	0.0849314	0.579954	-1.72428	0.408269	1.27365	1.27365	0.0272284	0.473607	-2.11146	0.889723	0.961102	-1.04047	1.79E-05	0.0815268	-12.2659	0.671939	1.12955	1.12955	0.458639	1.24086	1.24086	0.772338	0.920386	-1.0865	0.334464	1.32932	1.32932	10.9743	14.215	1.15137	1
cg01296364	AP4S1;STRN3;STRN3;AP4S1	0.046096	0.613331	1.13641	1.13641	0.789322	1.06951	1.06951	0.114379	1.53871	1.53871	0.217157	0.721914	-1.38521	0.693747	0.905457	-1.10442	0.0515499	0.573423	-1.74391	0.00219888	0.340497	-2.93689	0.871697	0.960251	-1.04139	0.988721	1.00355	1.00355	3.49385	3.48474	0.886571	1
cg00746420	AP4S1;STRN3;STRN3;STRN3;AP4S1	0.0122847	0.977866	1.00332	1.00332	0.18478	1.18271	1.18271	0.0260356	1.57004	1.57004	0.0360896	1.68616	1.68616	0.999969	0.999954	-1.00005	0.0457643	1.31411	1.31411	0.16835	1.1914	1.1914	0.000872923	0.551196	-1.81424	0.373045	0.896641	-1.11527	0.580596	1.06885	1.06885	5.53122	1.24688	0.200378	1
cg10957001	APAF1;APAF1;APAF1;APAF1	0.00505178	0.00546298	1.79082	1.79082	0.0760071	0.730488	-1.36895	0.0160605	1.59971	1.59971	0.0851808	1.35454	1.35454	0.243208	0.823074	-1.21496	0.800632	1.10471	1.10471	0.00156769	2.06334	2.06334	0.0036222	1.87345	1.87345	0.153795	1.10399	1.10399	7.15354	2.79555	0.395752	1
cg12944944	APAF1;APAF1;APAF1;APAF1	0.0166574	0.00525566	0.301424	-3.31758	0.0193479	0.34871	-2.86771	0.0476683	1.89258	1.89258	0.193305	0.71139	-1.40572	0.00753988	0.30768	-3.25011	0.0241855	0.57887	-1.72754	0.0122412	0.579592	-1.72535	0.00341	0.81247	-1.23079	0.0183385	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08531025	APAF1;APAF1;APAF1;APAF1	0.0259199	0.78762	1.07909	1.07909	0.00469022	0.34665	-2.88475	0.0620707	1.80791	1.80791	0.294894	0.737228	-1.35643	0.932855	1.01267	1.01267	0.0838746	0.583203	-1.71467	0.0222358	2.16521	2.16521	0.0365404	1.23598	1.23598	0.0701705	0.565164	-1.7694	4.30271	5.41486	1.11865	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08118649	APAF1;IKBIP;APAF1;IKBIP;APAF1;APAF1;APAF1;IKBIP	0.0331425	0.839732	0.967368	-1.03373	0.461343	1.13073	1.13073	0.898147	1.0212	1.0212	0.165835	1.27395	1.27395	0.115554	1.32351	1.32351
cg20632863	APAF1;IKBIP;IKBIP;APAF1;APAF1;IKBIP;APAF1;APAF1	0.000346247	0.684838	1.14383	1.14383	0.358043	0.732514	-1.36516	0.321934	0.713918	-1.40072	1.35E-05	0.0498084	-20.0769	0.310972	0.708054	-1.41232
cg21540775	APAF1;IKBIP;IKBIP;APAF1;APAF1;IKBIP;APAF1;APAF1	0.0290466	?	?	?	0.00749312	0.0669436	-14.9379	0.605685	0.709159	-1.41012	?	?	?	0.0881932	0.267208	-3.7424
cg06573718	APAF1;IKBIP;IKBIP;APAF1;APAF1;IKBIP;APAF1;APAF1	0.0383883	0.552178	0.881605	-1.1343	0.0198716	1.80227	1.80227	0.00264461	2.39066	2.39066	0.0259338	1.7401	1.7401	0.300337	1.25216	1.25216
cg19136183	APAF1;IKBIP;IKBIP;IKBIP;APAF1;APAF1;IKBIP;APAF1;IKBIP;APAF1;IKBIP	0.00177538	0.0462193	0.409063	-2.44461	0.10279	0.499859	-2.00056	0.0117149	0.286372	-3.49196	0.765378	1.12154	1.12154	0.0459813	2.44779	2.44779
cg23672480	APAF1;IKBIP;IKBIP;IKBIP;APAF1;APAF1;IKBIP;APAF1;IKBIP;APAF1;IKBIP	0.01131	0.0307355	0.593517	-1.68487	0.682298	0.918872	-1.08829	0.0119944	1.90462	1.90462	0.186818	0.750016	-1.33331	0.507806	0.870992	-1.14812
cg01089544	APBA1	0.000681472	0.0812776	0.73496	-1.36062	0.96525	1.00697	1.00697	0.0067419	0.571375	-1.75016	0.142315	0.77777	-1.28573	5.21E-05	0.299529	-3.33858
cg13937817	APBA1	0.00117548	0.0845183	0.626507	-1.59615	0.00588386	0.413448	-2.41868	0.763736	0.928789	-1.07667	0.389039	0.805475	-1.2415	3.62E-05	0.142196	-7.03256
cg14157175	APBA1	0.0120907	0.181651	0.78095	-1.28049	0.00892871	0.55987	-1.78613	0.0437642	0.667532	-1.49806	0.796912	0.956026	-1.046	0.741728	0.943961	-1.05937
cg13580827	APBA1	0.0243044	0.237124	0.735306	-1.35998	0.0758237	0.612298	-1.63319	0.0278702	0.524588	-1.90626	0.860009	0.957123	-1.0448	0.00945355	0.441993	-2.26248
cg15623573	APBA1	0.0245257	0.291928	1.12529	1.12529	0.150847	0.846884	-1.1808	0.0061345	1.47111	1.47111	0.0200634	0.738727	-1.35368	0.0303876	0.759802	-1.31613
cg14123607	APBA1	0.0265206	0.6585	1.31811	1.31811	0.112697	2.92173	2.92173	0.103342	3.02306	3.02306	0.950606	0.962264	-1.03922	0.00562655	0.10469	-9.55204
cg00665816	APBA1	0.0408403	0.0803862	0.631155	-1.5844	0.014145	0.487512	-2.05123	0.12676	0.675761	-1.47981	0.342464	0.792884	-1.26122	0.78732	1.06627	1.06627
cg18505908	APBA1;APBA1	0.00199939	0.790989	0.97363	-1.02708	0.000353681	1.78121	1.78121	0.00156009	1.57999	1.57999	0.617527	1.05196	1.05196	0.96691	0.995835	-1.00418
cg22874989	APBA2;APBA2	0.000685586	0.0200065	1.78907	1.78907	0.000302731	3.37708	3.37708	0.00403088	2.22656	2.22656	0.00469509	2.17856	2.17856	0.66142	1.09562	1.09562
cg07148167	APBA2;APBA2	0.00586778	0.0301163	0.654931	-1.52688	0.514076	1.11606	1.11606	0.646786	0.926294	-1.07957	0.00435664	0.531471	-1.88157	0.0237668	0.639014	-1.56491
cg02331808	APBA2;APBA2	0.00602322	0.260805	0.822556	-1.21572	0.0517324	0.691604	-1.44591	0.613072	0.918573	-1.08864	0.132452	0.763067	-1.3105	0.884054	0.975988	-1.0246
cg19947009	APBA2;APBA2	0.00717038	0.287843	0.505665	-1.97759	0.0948154	3.10945	3.10945	0.736594	1.23196	1.23196	0.738624	1.22989	1.22989	0.0518885	0.254903	-3.92307
cg14794445	APBA2;APBA2	0.00726577	0.5643	1.26501	1.26501	0.00354666	4.9242	4.9242	0.451389	1.36277	1.36277	0.0212594	3.05531	3.05531	0.0476503	0.401064	-2.49337
cg21470503	APBA2;APBA2	0.00755869	0.602319	0.88216	-1.13358	0.0174566	1.99392	1.99392	0.266441	1.31805	1.31805	0.713494	1.09194	1.09194	0.908195	1.02789	1.02789
cg15605858	APBA2;APBA2	0.00759846	0.348197	2.16362	2.16362	0.686864	1.38241	1.38241	0.264739	0.395013	-2.53156	0.0414737	6.54562	6.54562	0.015119	0.0920507	-10.8636
cg17141783	APBA2;APBA2	0.0103863	0.68273	0.940771	-1.06296	0.000601237	2.19522	2.19522	0.130922	1.27419	1.27419	0.629521	1.07489	1.07489	0.865715	1.02546	1.02546
cg22135269	APBA2;APBA2	0.0105378	0.0113946	0.461715	-2.16584	0.239038	0.740176	-1.35103	0.0986815	0.642866	-1.55553	0.6445	0.89282	-1.12005	0.63819	0.89086	-1.12251
cg27060812	APBA2;APBA2	0.0208301	0.580219	0.957488	-1.0444	0.28292	0.916894	-1.09064	0.0570227	1.1823	1.1823	0.331563	0.925053	-1.08102	0.0601914	1.17921	1.17921
cg01718733	APBA2;APBA2	0.0271879	0.106835	0.569148	-1.75701	0.0166792	2.54875	2.54875	0.0914568	0.551562	-1.81303	0.381437	1.33294	1.33294	0.0994997	0.561014	-1.78249
cg01591938	APBA2;APBA2	0.0314658	0.355708	2.11991	2.11991	0.188375	3.01119	3.01119	0.321157	0.444561	-2.24941	?	?	?	0.084958	0.221675	-4.51112
cg05790451	APBA2;APBA2	0.0451429	0.176182	5.2777	5.2777	0.252676	3.98326	3.98326	0.811752	0.758815	-1.31784	0.0669167	10.7609	10.7609	0.0800149	0.105729	-9.45818
cg08438435	APBA2;APBA2	0.0459338	0.0497832	5.47214	5.47214	0.157847	3.14863	3.14863	0.464383	1.76051	1.76051	0.224182	2.63751	2.63751	0.0648055	4.83171	4.83171
cg21917349	APBA2;APBA2;APBA2;APBA2	0.0372374	0.0309331	0.312362	-3.20141	0.680213	0.826679	-1.20966	0.945565	1.03186	1.03186	0.287188	0.601982	-1.66118	0.012792	0.241664	-4.13797
cg16705446	APBA3	5.46E-05	0.257179	1.48842	1.48842	0.0315567	0.428293	-2.33485	3.72E-05	0.0695282	-14.3827	0.00679684	0.307412	-3.25297	3.61E-06	0.0259406	-38.5497
cg17927223	APBA3	0.00028048	0.473709	0.872702	-1.14587	0.08834	0.703723	-1.42101	3.58E-05	0.225527	-4.43406	0.00637288	0.515079	-1.94145	4.92E-05	0.240466	-4.15859
cg27267436	APBA3	0.00781483	0.0155565	0.365802	-2.73372	0.952323	1.02047	1.02047	0.233229	0.654645	-1.52755	0.981069	0.99199	-1.00807	0.582542	0.828475	-1.20704
cg09521871	APBA3	0.0171338	0.00294375	0.364789	-2.74131	0.0827297	0.622176	-1.60726	0.121865	0.660923	-1.51304	0.134546	1.48953	1.48953	0.00470659	0.395511	-2.52837
cg19655483	APBA3	0.0190718	0.146234	0.699057	-1.4305	0.547844	1.14981	1.14981	0.342825	1.25149	1.25149	0.343519	1.25106	1.25106	0.00151262	0.350316	-2.85456
cg08603735	APBA3	0.0256164	0.246378	0.878513	-1.13829	0.00361928	1.5231	1.5231	0.645847	0.951763	-1.05068	0.421076	0.915926	-1.09179	0.0340976	0.767798	-1.30243
cg25315855	APBB1;APBB1	0.000246315	0.0192264	1.37158	1.37158	0.0272453	1.33843	1.33843	0.0611057	1.26546	1.26546	0.763094	0.966839	-1.0343	0.00194502	0.613281	-1.63057
cg05668613	APBB1;APBB1	0.00568776	0.00696904	2.19112	2.19112	0.00196546	2.67301	2.67301	0.0100161	2.07635	2.07635	0.00341507	2.44508	2.44508	0.450118	0.84119	-1.18879
cg03641748	APBB1;APBB1	0.0198146	0.0801182	0.51508	-1.94145	0.329386	1.40502	1.40502	0.00423409	0.25923	-3.85758	0.884777	1.04996	1.04996	0.039725	0.441311	-2.26597
cg27190843	APBB1;APBB1	0.0334033	0.0548043	0.657805	-1.52021	0.00930063	1.88611	1.88611	0.785325	1.05391	1.05391	0.347708	1.20434	1.20434	0.42001	0.853478	-1.17168
cg26120958	APBB1;APBB1	0.0397303	0.563949	1.14599	1.14599	0.0514119	1.67885	1.67885	0.000974148	3.14646	3.14646	0.462107	1.19111	1.19111	0.505291	1.17107	1.17107
cg17954226	APBB1IP	1.18E-05	2.78E-05	2.41122	2.41122	0.16148	1.17288	1.17288	0.000101319	0.479706	-2.08461	0.0426847	1.28253	1.28253	0.000902637	0.588812	-1.69834
cg14704968	APBB1IP	0.00252772	0.494831	1.12603	1.12603	0.136768	0.759975	-1.31583	0.0120223	0.584861	-1.70981	0.833755	1.03664	1.03664	0.00022423	0.349465	-2.86152
cg17266562	APBB1IP	0.00839008	0.000904231	9.24223	9.24223	0.667429	1.21362	1.21362	0.0113934	4.13126	4.13126	0.631146	0.805203	-1.24192	0.0153435	3.79162	3.79162
cg27303981	APBB1IP	0.0269917	0.0104264	13.427	13.427	0.0131786	11.8831	11.8831	0.0197017	9.66602	9.66602	0.688083	1.38406	1.38406	0.126948	3.77901	3.77901
cg06457633	APBB1IP	0.0310487	0.200565	1.45784	1.45784	0.687452	0.89336	-1.11937	0.310114	0.746142	-1.34023	0.794463	0.929791	-1.07551	0.0476746	1.8803	1.8803
cg06157318	APBB1IP	0.0366135	0.022995	8.5247	8.5247	0.0243162	8.29212	8.29212	0.0460571	6.05871	6.05871	0.851047	1.15968	1.15968	0.0321186	7.22926	7.22926
cg24992745	APBB2;APBB2;APBB2	0.000659265	0.224682	1.09509	1.09509	0.000510182	1.47195	1.47195	3.36E-05	1.77289	1.77289	0.022846	1.21406	1.21406	0.00253663	1.34771	1.34771
cg08106124	APBB2;APBB2;APBB2	0.000825963	0.99651	1.00108	1.00108	3.95E-05	7.02018	7.02018	0.0178485	2.04173	2.04173	0.00695435	2.37651	2.37651	0.0365254	0.547484	-1.82654
cg25333257	APBB2;APBB2;APBB2	0.00122715	0.289573	0.864131	-1.15723	0.00234236	1.75809	1.75809	0.344309	1.13815	1.13815	0.589956	0.930276	-1.07495	0.0539046	0.747729	-1.33738
cg27434086	APBB2;APBB2;APBB2	0.00364038	0.606302	0.877446	-1.13967	0.00282772	2.8127	2.8127	0.0151624	2.11761	2.11761	0.341567	1.27949	1.27949	0.00520676	0.395638	-2.52756
cg13690063	APBB2;APBB2;APBB2	0.00421464	0.00110015	0.19145	-5.22331	0.00280401	0.243004	-4.11516	0.00277146	0.242309	-4.12696	0.061403	0.484821	-2.06262	0.313006	0.69872	-1.43119
cg16547382	APBB2;APBB2;APBB2	0.00546944	0.847611	1.03663	1.03663	0.493263	1.13893	1.13893	0.0802347	0.695693	-1.43742	0.500282	0.879921	-1.13647	0.196906	1.29056	1.29056
cg25275945	APBB2;APBB2;APBB2	0.0157205	0.099089	0.82825	-1.20737	0.140175	0.847553	-1.17987	0.0913172	0.823822	-1.21385	0.223055	0.875087	-1.14274	0.0838145	1.22068	1.22068
cg13842258	APBB2;APBB2;APBB2	0.0174274	0.0277833	0.711677	-1.40513	0.477334	0.909836	-1.0991	0.367595	1.12867	1.12867	0.324132	0.875312	-1.14245	0.603174	1.071	1.071
cg06970472	APBB2;APBB2;APBB2	0.0335424	0.0164953	0.399189	-2.50508	0.958173	0.983694	-1.01658	0.273207	0.699455	-1.42968	0.781441	0.91651	-1.0911	0.0080371	0.344914	-2.89928
cg26865481	APBB2;APBB2;APBB2	0.0437519	0.041562	0.480717	-2.08022	0.269445	0.698735	-1.43116	0.955282	1.01763	1.01763	0.254677	1.44879	1.44879	?	?	?
cg24656517	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.00185069	0.0319512	0.513358	-1.94796	0.0936117	0.613138	-1.63096	0.154933	1.49753	1.49753	0.434918	1.23533	1.23533	0.0222721	0.483483	-2.06832
cg03147663	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.00204434	0.59578	0.891736	-1.12141	0.00283037	0.414812	-2.41073	0.197099	0.746883	-1.3389	0.0425799	1.64824	1.64824	0.000174568	0.255861	-3.90837
cg02379560	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0138537	0.0520041	1.33642	1.33642	0.219323	0.844127	-1.18466	0.464125	0.906881	-1.10268	0.130063	1.23925	1.23925	0.992372	1.00125	1.00125
cg23968551	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0228672	0.727023	1.0863	1.0863	0.00192044	0.35437	-2.82191	0.0188133	0.510568	-1.9586	0.44885	1.19997	1.19997	0.0724864	0.622903	-1.60539
cg16364495	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0239276	0.0620929	0.670845	-1.49066	0.860689	0.967165	-1.03395	0.843286	0.96308	-1.03834	0.826383	0.959109	-1.04263	0.333249	0.827212	-1.20888
cg05894734	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0255628	0.163348	0.805258	-1.24184	0.636325	0.933005	-1.07181	0.480109	1.11016	1.11016	0.0236807	0.67488	-1.48175	0.145845	0.79666	-1.25524
cg04917391	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0295675	0.223568	1.17233	1.17233	0.328862	0.882233	-1.13349	0.832484	1.02669	1.02669	0.0486822	1.32308	1.32308	0.231483	1.16888	1.16888
cg06485940	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0480953	0.796134	0.968161	-1.03289	0.0121656	0.676698	-1.47776	0.00220003	0.584799	-1.70999	0.817489	0.971524	-1.02931	0.0830082	0.786723	-1.27109
cg08948050	APBB3;APBB3;APBB3;APBB3;SLC35A4	0.0152927	0.0385876	0.352111	-2.84001	0.00482626	5.09774	5.09774	0.0318713	2.99119	2.99119	0.600933	1.2585	1.2585	0.261894	0.600696	-1.66474
cg03233464	APBB3;APBB3;APBB3;APBB3;SRA1	0.00224173	0.000983851	0.385546	-2.59373	0.204323	1.29772	1.29772	0.0777505	1.46431	1.46431	0.0550353	1.52691	1.52691	0.0299741	0.608501	-1.64338
cg05855008	APBB3;APBB3;APBB3;SLC35A4;APBB3	0.0170484	0.826564	0.97122	-1.02963	0.0947321	0.78318	-1.27685	0.583346	1.0765	1.0765	0.957847	1.00706	1.00706	0.596519	0.931366	-1.07369
cg06520369	APBB3;APBB3;APBB3;SRA1;APBB3	0.000778864	0.793201	0.936929	-1.06732	0.721752	0.915149	-1.09272	0.00748852	0.425854	-2.34822	0.074188	0.610572	-1.63781	0.000248099	0.223138	-4.48154
cg11123545	APBB3;APBB3;APBB3;SRA1;APBB3	0.0169357	0.372846	0.783904	-1.27567	0.179799	1.46101	1.46101	0.366255	0.781119	-1.28021	0.322953	0.762084	-1.31219	0.000430622	0.227118	-4.403
cg06730285	APBB3;APBB3;SLC35A4;APBB3;APBB3	0.0192457	0.045489	0.271624	-3.68156	0.159827	0.425957	-2.34766	0.924156	1.0556	1.0556	0.233076	0.491419	-2.03492	0.028633	0.230601	-4.3365
cg21877498	APBB3;APBB3;SLC35A4;APBB3;APBB3	0.0248627	0.00908431	0.600946	-1.66404	0.255813	0.833412	-1.19989	0.851239	0.971572	-1.02926	0.049463	0.708663	-1.41111	0.00250222	0.524593	-1.90624
cg00190738	APC	0.00867005	0.0325493	0.421921	-2.37011	0.37073	0.728314	-1.37303	0.00675359	0.297853	-3.35736	0.649128	1.17115	1.17115	0.000745127	0.171101	-5.84452
cg27062904	APC	0.0165774	0.801572	1.09827	1.09827	0.0888407	0.497275	-2.01096	0.0659783	0.464027	-2.15505	0.198703	0.603165	-1.65792	0.00129763	0.174803	-5.72073
cg27379240	APC	0.0293614	0.238942	0.659364	-1.51661	0.0027062	0.246802	-4.05183	0.402275	0.748664	-1.33571	0.150351	1.68307	1.68307	0.112893	0.558387	-1.79087
cg04226363	APC	0.0316157	0.00185943	0.512633	-1.95071	0.212172	0.819672	-1.22	0.920087	0.98493	-1.0153	0.35938	0.867104	-1.15326	0.603493	1.08251	1.08251
cg16110711	APC	0.0370233	0.097644	0.537802	-1.85942	0.0133942	0.351576	-2.84433	0.0203957	0.38523	-2.59585	0.498019	1.26464	1.26464	0.0136871	0.353248	-2.83087
cg23497707	APC	0.0441863	0.47173	0.859357	-1.16366	0.382422	0.830717	-1.20378	0.717857	1.07802	1.07802	0.129912	1.40316	1.40316	0.396984	1.19672	1.19672
cg18315896	APC	0.0496466	0.0326374	0.782546	-1.27788	0.0068538	1.40975	1.40975	0.783216	0.973315	-1.02742	0.376464	0.914836	-1.09309	0.233943	1.13018	1.13018
cg22858562	APC2	0.000224421	0.00369379	1.54054	1.54054	0.24356	0.874253	-1.14383	0.00408005	0.654085	-1.52885	0.654402	1.05088	1.05088	0.000855883	0.57602	-1.73605
cg00782707	APC2	0.000486985	9.84E-05	0.235444	-4.2473	0.387634	0.830982	-1.2034	0.746239	0.934363	-1.07025	0.127553	1.41131	1.41131	0.000813835	0.347998	-2.87358
cg03165176	APC2	0.00109066	0.298965	1.1696	1.1696	0.000312659	2.34097	2.34097	0.410822	0.884804	-1.13019	0.78735	1.04013	1.04013	0.000567432	0.459744	-2.17512
cg13368085	APC2	0.00123741	0.00056411	4.06273	4.06273	0.00426036	2.72679	2.72679	0.151455	1.4965	1.4965	0.00152789	3.30874	3.30874	0.147083	0.664905	-1.50397
cg10565187	APC2	0.00185539	0.0823625	1.4551	1.4551	0.0054797	2.03784	2.03784	0.00284723	2.22676	2.22676	0.0718501	1.4795	1.4795	0.183456	0.759503	-1.31665
cg19305488	APC2	0.00197303	0.420139	1.23555	1.23555	0.00252006	2.93625	2.93625	0.321724	1.30068	1.30068	0.419194	0.808995	-1.2361	0.77619	1.07594	1.07594
cg14559388	APC2	0.00525117	0.0831065	2.37403	2.37403	0.00282804	6.3785	6.3785	0.0197378	3.55665	3.55665	0.420987	1.44839	1.44839	0.0121026	0.244233	-4.09446
cg21153658	APC2	0.0140304	0.117803	1.96104	1.96104	0.000764284	7.55044	7.55044	0.0182545	3.11456	3.11456	0.974772	1.01262	1.01262	0.367179	1.44385	1.44385
cg10169241	APC2	0.0177176	0.334344	1.3069	1.3069	0.649126	1.13104	1.13104	0.828724	1.05997	1.05997	0.406296	0.795821	-1.25656	0.336765	1.30505	1.30505
cg14907738	APC2	0.0213969	0.912464	1.0211	1.0211	0.0149152	1.76568	1.76568	0.661439	1.08729	1.08729	0.374539	1.18897	1.18897	0.475125	0.87117	-1.14788
cg21776993	APC2	0.0254211	0.542452	0.783535	-1.27627	0.0177672	3.12791	3.12791	0.0215029	2.98204	2.98204	0.0236915	2.91094	2.91094	0.921412	0.961711	-1.03981
cg11223373	APC2	0.0258521	0.0747076	0.675642	-1.48007	0.113513	1.40511	1.40511	0.338925	1.21492	1.21492	0.156785	1.34866	1.34866	0.0834696	0.684959	-1.45994
cg19812050	APC2	0.0398742	0.0411525	2.31112	2.31112	0.00865971	3.28689	3.28689	0.0209681	2.68482	2.68482	0.200722	1.61694	1.61694	0.222409	1.57766	1.57766
cg06346838	APC2	0.0416691	0.0504373	2.11119	2.11119	0.0163131	2.70659	2.70659	0.0180792	2.64442	2.64442	0.0318495	2.33241	2.33241	0.516008	1.24194	1.24194
cg00577935	APC;APC;APC	0.000954674	9.24E-05	0.41042	-2.43653	0.0213421	1.42331	1.42331	0.00128053	1.82058	1.82058	0.093491	0.790264	-1.2654	0.0707411	1.2939	1.2939
cg07863043	APC;APC;APC	0.00319437	0.0108365	0.588322	-1.69975	0.017164	0.617865	-1.61848	0.108891	1.33625	1.33625	0.794189	0.957583	-1.0443	0.000352206	0.386024	-2.59051
cg15020645	APC;APC;APC	0.0434585	0.0948353	1.26329	1.26329	0.0945015	1.26365	1.26365	0.0991409	1.2588	1.2588	0.703412	0.952467	-1.04991	0.0617998	1.30709	1.30709
cg21634602	APC;APC;APC;APC;APC	0.00867784	0.393829	0.859422	-1.16357	0.161826	1.29577	1.29577	0.714797	1.06573	1.06573	0.08143	0.715336	-1.39794	0.355384	0.84798	-1.17927
cg18208602	APCDD1	2.63E-05	0.23924	0.840536	-1.18972	0.00539184	1.67587	1.67587	0.000909799	2.01202	2.01202	0.137285	1.25306	1.25306	7.27E-05	0.361476	-2.76643
cg03396005	APCDD1	0.00812008	0.0250189	1.45431	1.45431	0.00521099	0.595826	-1.67834	0.157387	0.80866	-1.23661	0.617742	0.931769	-1.07323	0.584154	1.08073	1.08073
cg14083149	APCDD1	0.0115322	0.45171	0.88615	-1.12848	0.00938136	1.68077	1.68077	0.100545	1.32787	1.32787	0.7251	1.05723	1.05723	0.00566256	0.564263	-1.77222
cg06077443	APCDD1	0.0192832	0.0287361	0.331284	-3.01856	0.00824135	0.235233	-4.2511	0.0898835	0.449045	-2.22695	0.0343824	2.87731	2.87731	0.0731912	0.424987	-2.35301
cg13462387	APCDD1	0.029808	0.304022	0.75157	-1.33055	0.726731	0.910166	-1.0987	0.551378	0.850709	-1.17549	0.12679	1.55749	1.55749	0.00140833	0.289277	-3.4569
cg04229487	APCDD1	0.0308282	0.500754	0.817737	-1.22289	0.0241558	2.2068	2.2068	0.704138	0.89375	-1.11888	0.076645	1.78569	1.78569	0.005022	0.335278	-2.9826
cg25611723	APCDD1	0.0348994	0.0192862	0.297816	-3.35777	0.0107641	0.253785	-3.94035	0.326801	0.648405	-1.54225	0.318005	1.55537	1.55537	0.00399401	0.190924	-5.23768
cg01379009	APCDD1L	3.83E-05	0.0232168	0.509922	-1.96108	0.886412	1.03611	1.03611	0.00163831	0.32647	-3.06307	0.406283	0.809871	-1.23476	3.79E-07	0.0268873	-37.1923
cg12916872	APCDD1L	0.000135115	0.291643	0.813383	-1.22943	0.613969	1.10078	1.10078	0.279318	0.808703	-1.23655	0.969016	1.00736	1.00736	0.00559306	0.503169	-1.9874
cg00950473	APCDD1L	0.000795475	0.000595311	0.249236	-4.01226	0.118059	0.640929	-1.56024	0.00617575	0.392136	-2.55014	0.735395	0.914927	-1.09298	0.000637043	0.252875	-3.95453
cg16245569	APCDD1L	0.00251774	0.00361035	0.259417	-3.8548	0.0340745	0.428636	-2.33298	0.001639	0.21341	-4.68581	0.0114465	0.338314	-2.95583	0.464316	0.774846	-1.29058
cg17382918	APCDD1L	0.00485213	0.221353	1.82792	1.82792	0.135752	2.12627	2.12627	0.449545	0.696588	-1.43557	0.404351	1.49236	1.49236	0.0115864	4.39752	4.39752
cg23487201	APCDD1L	0.0089921	0.605176	1.23298	1.23298	0.0150628	3.31929	3.31929	0.856844	1.07521	1.07521	0.041973	2.56307	2.56307	0.364112	1.45431	1.45431
cg03401480	APCDD1L	0.0142935	0.0912236	1.84563	1.84563	0.0394812	0.456281	-2.19163	0.39075	0.74848	-1.33604	0.195062	0.636664	-1.57069	0.0263927	0.42005	-2.38067
cg13778709	APCDD1L	0.0307376	0.215739	0.723669	-1.38185	0.214951	1.38269	1.38269	0.0176991	2.04642	2.04642	0.859535	0.956982	-1.04495	0.0206641	0.500697	-1.99722
cg02544684	APCDD1L	0.0327347	0.110823	0.778123	-1.28514	0.752424	0.955332	-1.04676	0.630505	0.932407	-1.07249	0.0541762	0.729385	-1.37102	0.266579	0.846074	-1.18193
cg24814191	APCDD1L	0.035743	0.832056	1.03749	1.03749	0.862518	1.03049	1.03049	0.349301	1.18171	1.18171	0.519745	0.893075	-1.11973	0.388166	1.16564	1.16564
cg01443488	APCS	3.98E-09	3.15E-09	0.040124	-24.9228	3.08E-06	0.264388	-3.78232	2.05E-08	0.0791168	-12.6395	0.000102582	0.438369	-2.28118	7.24E-08	0.11523	-8.6783
cg13968061	APCS	0.0249538	0.0140911	0.11701	-8.54629	0.070675	0.239278	-4.17924	0.0161149	0.12434	-8.04246	0.0598786	0.22242	-4.496	0.0212491	0.140774	-7.1036
cg21291134	APCS	0.0391566	0.0272323	0.0480239	-20.823	0.00916135	0.0213885	-46.7542	0.060999	0.0860232	-11.6248	0.141923	0.159691	-6.26211	0.105802	0.128413	-7.78737
cg05919685	APCS	0.0396983	0.0165053	0.0803872	-12.4398	0.026232	0.103394	-9.67171	0.0589894	0.15959	-6.26606	0.150001	0.264972	-3.77398	0.0121072	0.067748	-14.7606
cg03856044	APCS;APCS	0.0464754	0.0217781	0.141322	-7.07605	0.0146548	0.118193	-8.46071	0.0798402	0.25127	-3.97978	0.136782	0.320144	-3.1236	0.0790333	0.250138	-3.99779
cg03688818	APEH	0.00032106	0.296896	0.902205	-1.1084	5.58E-05	2.0402	2.0402	0.000189141	1.82035	1.82035	0.237006	1.12512	1.12512	0.564889	1.05693	1.05693
cg03060546	APEH	0.00267947	0.169005	0.433258	-2.30809	0.00026617	39.6033	39.6033	0.0164394	5.53535	5.53535	?	?	?	?	?	?
cg02174232	APEH	0.00779726	0.0748354	0.600705	-1.66471	0.0109235	2.27176	2.27176	0.000591298	3.90749	3.90749	0.381849	1.25907	1.25907	0.226491	0.721675	-1.38567
cg16503057	APEH	0.0110541	0.0891332	0.651297	-1.5354	0.275066	1.29657	1.29657	0.0740904	1.57657	1.57657	0.257021	0.762947	-1.31071	0.0082246	0.461539	-2.16666
cg06313718	APEH	0.0113878	0.00790503	0.243481	-4.1071	0.00112838	0.137051	-7.29657	0.0389914	0.371245	-2.69364	0.919242	0.958817	-1.04295	0.00785311	0.24304	-4.11454
cg01978534	APEH	0.0293203	0.335767	0.799291	-1.25111	0.112084	0.676716	-1.47772	0.133616	1.44077	1.44077	0.691488	1.0942	1.0942	0.45687	0.842806	-1.18651

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08118649	0.277456	0.831064	-1.20328	0.00135819	0.466741	-2.14252	0.816222	0.962577	-1.03888	0.179821	0.79184	-1.26288	3.94394	1.67667	0.377889	1
cg20632863	0.0472533	2.112	2.112	0.0107208	2.87516	2.87516	0.00236228	4.04201	4.04201	0.271133	0.685705	-1.45835	15.816	27.1684	1.52691	1
cg21540775	?	?	?	0.0488708	5.03624	5.03624	?	?	?	0.99901	1.00081	1.00081	6.64285	23.0971	3.47698	1
cg06573718	0.594101	1.11929	1.11929	0.112214	1.43669	1.43669	0.595037	1.11897	1.11897	0.106965	1.44586	1.44586	3.73919	2.59967	0.617999	1
cg19136183	0.000760094	0.123039	-8.12752	0.000165598	0.0678062	-14.7479	0.280165	0.648804	-1.5413	0.0100124	0.274369	-3.64473	11.9451	27.179	1.76971	1
cg23672480	0.076664	1.49902	1.49902	0.656895	0.91219	-1.09626	0.00138202	0.385427	-2.59453	0.413555	0.842112	-1.18749	5.68136	3.80276	0.594969	1
cg01089544	0.00151271	0.482819	-2.07117	0.00286413	1.92276	1.92276	0.27642	0.834944	-1.19769	0.161861	0.788198	-1.26872	13.1091	5.27131	0.357433	1
cg13937817	0.072619	0.61211	-1.63369	0.248219	1.34422	1.34422	0.668346	0.899769	-1.1114	0.00117333	0.31127	-3.21265	11.2378	10.6884	0.845436	1
cg14157175	0.00779104	0.551156	-1.81437	0.0121381	1.72488	1.72488	0.0923127	1.38137	1.38137	0.192355	0.786142	-1.27203	5.5599	2.67758	0.428078	1
cg13580827	0.445128	1.21316	1.21316	0.00976064	2.25076	2.25076	0.551132	1.16149	1.16149	0.614031	0.881401	-1.13456	4.40014	4.29462	0.867572	1
cg15623573	0.219004	0.869754	-1.14975	0.566729	1.0645	1.0645	0.228626	0.872502	-1.14613	0.560307	0.938409	-1.06563	4.38633	0.80948	0.164041	1
cg14123607	0.541553	1.46775	1.46775	0.0400306	0.229095	-4.36501	0.0265177	5.11952	5.11952	0.855281	0.892823	-1.12004	4.26838	26.0657	5.42818	1
cg00665816	0.336506	1.26508	1.26508	0.0141902	2.05024	2.05024	0.762075	0.930484	-1.07471	0.283333	1.30277	1.30277	3.655	3.25919	0.792627	1
cg18505908	0.0907275	0.82903	-1.20623	0.00277599	0.660316	-1.51443	0.996575	1.00043	1.00043	0.888816	0.986025	-1.01417	9.64276	1.5459	0.142505	1
cg22874989	0.00253034	2.38351	2.38351	0.735462	0.932141	-1.0728	0.000104934	4.13807	4.13807	0.00175813	2.51848	2.51848	13.087	8.90015	0.604512	1
cg07148167	0.0013941	0.463702	-2.15656	0.972387	0.994273	-1.00576	0.138275	0.767339	-1.30321	0.00128321	0.458885	-2.17919	6.98703	3.04734	0.387683	1
cg02331808	0.0987066	1.35197	1.35197	0.000359918	0.385514	-2.59394	0.14934	0.772972	-1.29371	0.00224318	0.490354	-2.03934	6.93089	3.04513	0.390539	1
cg19947009	0.0725131	0.289894	-3.44954	0.000165553	0.0189491	-52.773	0.706585	0.791611	-1.26325	0.267232	0.489581	-2.04256	6.56566	39.7047	5.3754	1
cg14794445	0.101037	2.0635	2.0635	0.111137	0.496549	-2.0139	0.00266114	5.34521	5.34521	0.0438992	2.54511	2.54511	6.53861	16.8503	2.29071	1
cg21470503	0.904714	0.971843	-1.02897	0.000222523	0.230846	-4.3319	0.347318	1.2596	1.2596	0.491335	0.846447	-1.18141	6.45822	5.81799	0.80077	1
cg15605858	0.221621	2.79149	2.79149	0.0118434	0.0811951	-12.316	0.00447535	20.6771	20.6771	0.0239022	8.61584	8.61584	6.4476	65.2056	8.98947	1
cg17141783	0.114974	1.28999	1.28999	0.0114809	1.5997	1.5997	0.0460228	1.40453	1.40453	0.082084	0.751112	-1.33136	5.8393	2.04127	0.310733	1
cg22135269	0.753122	1.08003	1.08003	0.000215968	0.221696	-4.51068	0.558473	0.865559	-1.15532	0.0779303	0.620039	-1.6128	5.81223	5.48054	0.838163	1
cg27060812	0.0129779	1.27095	1.27095	0.00199892	1.40392	1.40392	0.865579	1.01326	1.01326	0.463846	1.05969	1.05969	4.63988	0.444395	0.0851355	1
cg01718733	0.877839	1.05047	1.05047	0.00693992	0.326822	-3.05977	0.456999	0.784666	-1.27443	0.260781	1.45569	1.45569	4.23135	6.86821	1.44282	1
cg01591938	0.212546	2.82477	2.82477	0.214801	0.356013	-2.80889	0.00785509	14.8457	14.8457	0.0276504	7.84058	7.84058	4.08486	35.9718	8.80612	1
cg05790451	0.180341	5.18451	5.18451	0.373852	0.347862	-2.8747	0.0103563	41.912	41.912	0.0331244	17.841	17.841	3.52134	74.6265	18.8379	1
cg08438435	0.987298	0.987982	-1.01216	0.00247017	24.4545	24.4545	0.423792	0.537683	-1.85983	0.0655527	4.80559	4.80559	3.49848	31.965	8.12162	1
cg21917349	0.207426	0.543066	-1.8414	0.00330482	0.159177	-6.28229	0.747085	1.16021	1.16021	0.0528332	0.36395	-2.74763	3.78103	12.63	2.96922	1
cg16705446	0.000429554	0.153508	-6.51432	0.000452662	0.155806	-6.41824	0.251879	1.49567	1.49567	0.0359804	0.440228	-2.27155	26.0064	46.5898	1.59242	1
cg17927223	0.179621	0.766183	-1.30517	0.000153963	0.297594	-3.36029	0.12946	0.736301	-1.35814	0.0967029	0.711243	-1.40599	16.7556	9.26616	0.491571	1
cg27267436	0.00288804	0.249399	-4.00964	0.000344898	0.141953	-7.04458	0.870554	1.05684	1.05684	0.712637	0.88215	-1.13359	6.39103	11.6293	1.61745	1
cg09521871	0.656764	0.895428	-1.11678	0.264086	1.33307	1.33307	0.691901	1.10336	1.10336	0.789569	1.06829	1.06829	4.95647	4.78759	0.858603	1
cg19655483	0.0090479	0.46694	-2.1416	0.318084	1.26729	1.26729	0.921913	1.02276	1.02276	0.261138	0.764139	-1.30866	4.78096	3.98969	0.741773	1
cg08603735	0.016926	0.732522	-1.36515	0.701047	1.04208	1.04208	0.230491	0.874231	-1.14386	0.62468	0.948681	-1.0541	4.32043	0.781167	0.160718	1
cg25315855	0.0419275	0.769869	-1.29892	2.12E-05	0.384616	-2.6	0.00126893	0.59179	-1.68979	0.472264	1.08498	1.08498	17.3601	3.42168	0.1752	1
cg05668613	0.857375	0.960379	-1.04126	0.458548	1.18485	1.18485	0.00363897	2.42076	2.42076	0.158198	1.40358	1.40358	7.0544	5.64237	0.710966	1
cg03641748	0.451071	1.2955	1.2955	?	?	?	0.120879	1.77298	1.77298	0.0483712	2.16935	2.16935	5.34578	8.32724	1.36301	1
cg27190843	0.0992518	0.706451	-1.41553	0.141256	0.737685	-1.35559	0.0209066	0.585979	-1.70654	0.721917	1.07114	1.07114	3.93284	2.30334	0.520594	1
cg26120958	0.282901	0.770542	-1.29779	0.945046	0.984025	-1.01623	0.865209	0.961087	-1.04049	0.767308	1.07178	1.07178	3.69232	3.19155	0.768332	1
cg17954226	0.000511947	0.560713	-1.78344	1.87E-05	0.394901	-2.53228	7.68E-05	0.465777	-2.14695	0.0143361	1.37986	1.37986	38.843	6.99665	0.160112	1
cg14704968	0.000945989	0.429942	-2.32589	0.084818	1.3859	1.3859	0.810014	0.959598	-1.0421	0.2316	0.806668	-1.23967	9.00276	4.18058	0.41277	1
cg17266562	0.487265	0.728979	-1.37178	0.767188	0.87549	-1.14222	0.117445	2.14169	2.14169	0.00552881	5.1197	5.1197	6.24966	19.8557	2.82408	1
cg27303981	0.374713	0.480088	-2.08295	0.422989	0.517308	-1.93308	0.0392759	6.82651	6.82651	0.0402143	6.7463	6.7463	4.24212	43.5783	9.13134	1
cg06457633	0.179276	0.671825	-1.48848	0.142377	0.644228	-1.55225	0.00218644	3.31403	3.31403	0.693466	1.11679	1.11679	4.03717	4.97081	1.09445	1
cg06157318	0.162757	0.309055	-3.23567	0.368748	0.483123	-2.06987	0.0768499	4.71403	4.71403	0.0843808	4.50169	4.50169	3.80439	37.417	8.74241	1
cg24992745	0.376332	1.0668	1.0668	0.743301	1.02368	1.02368	0.9016	0.991229	-1.00885	0.00162428	1.37942	1.37942	13.2312	1.06299	0.0714133	1
cg08106124	0.0457884	1.76404	1.76404	0.00837884	2.30476	2.30476	0.00299166	2.744	2.744	0.0799566	1.6187	1.6187	12.4199	12.0878	0.865124	1
cg25333257	0.373879	1.12892	1.12892	0.513306	1.09206	1.09206	7.00E-05	0.381292	-2.62266	0.0190144	0.685785	-1.45818	11.1007	3.10267	0.248447	1
cg27434086	0.0635792	1.68971	1.68971	0.851034	1.04842	1.04842	0.00301059	0.359535	-2.78137	0.598619	1.14292	1.14292	8.07808	8.092	0.890421	1
cg13690063	0.0269322	0.406514	-2.45994	0.00228954	0.231137	-4.32644	0.667189	0.861901	-1.16023	0.009309	0.321961	-3.10596	7.72957	14.4473	1.66142	1
cg16547382	0.903463	0.977569	-1.02295	9.26E-05	3.68546	3.68546	0.837295	0.962284	-1.03919	0.430525	0.860329	-1.16235	7.13976	3.95297	0.492139	1
cg25275945	0.267892	1.12781	1.12781	0.00362521	1.50724	1.50724	0.0203117	1.33852	1.33852	0.493504	1.07516	1.07516	5.10078	0.877458	0.15291	1
cg13842258	0.0664178	1.30895	1.30895	0.00316691	0.590217	-1.69429	0.103835	1.26188	1.26188	0.0613283	1.31747	1.31747	4.92833	1.33502	0.240787	1
cg06970472	0.0952336	0.562916	-1.77646	0.0870964	1.808	1.808	0.17394	0.635448	-1.57369	0.0244241	0.431468	-2.31767	3.92696	6.11129	1.38332	1
cg26865481	0.644069	0.865003	-1.15607	0.297152	1.40063	1.40063	0.00605154	3.05734	3.05734	0.184199	0.644622	-1.5513	3.61741	4.94821	1.36789	1
cg24656517	0.233408	0.71789	-1.39297	0.00611474	0.387038	-2.58372	0.000222281	5.10855	5.10855	0.0617439	0.572264	-1.74744	9.86198	10.992	0.990742	1
cg03147663	0.489567	1.1621	1.1621	0.0348187	1.69297	1.69297	0.129289	1.4202	1.4202	0.436218	0.843662	-1.18531	9.58047	6.95036	0.644864	1
cg02379560	0.00518129	0.616251	-1.62271	0.939726	0.990129	-1.00997	0.00355992	0.595661	-1.67881	0.141726	1.2303	1.2303	5.31821	1.44943	0.242259	1
cg23968551	0.825864	1.05342	1.05342	0.408481	1.22102	1.22102	0.753546	1.07723	1.07723	0.036959	0.564248	-1.77227	4.49381	3.97064	0.785404	1
cg16364495	0.479645	0.87234	-1.14634	0.000545477	0.360207	-2.77618	0.0599059	0.668008	-1.49699	0.353063	1.19915	1.19915	4.42402	2.53098	0.508533	1
cg05894734	0.0440518	0.714017	-1.40053	0.00362699	0.563784	-1.77373	0.995488	0.999177	-1.00082	0.0595251	1.36292	1.36292	4.32359	1.45141	0.298396	1
cg04917391	0.0128953	1.46793	1.46793	0.00608873	0.640663	-1.56088	0.44037	1.10278	1.10278	0.686112	1.05181	1.05181	4.10794	1.00579	0.217635	1
cg06485940	0.350872	0.886922	-1.1275	0.72457	0.95675	-1.04521	0.487575	0.915632	-1.09214	0.789848	1.03395	1.03395	3.43839	0.850557	0.219885	1
cg08948050	0.0642691	0.404243	-2.47376	0.364046	0.666072	-1.50134	0.0868997	0.438818	-2.27885	0.0934552	0.447639	-2.23394	5.14767	15.4731	2.67186	1
cg03233464	0.958146	0.989842	-1.01026	0.0209984	0.582636	-1.71634	0.3768	1.19297	1.19297	0.000759803	0.370529	-2.69884	9.32585	5.59055	0.532861	1
cg05855008	0.000453949	0.479353	-2.08615	0.262429	0.855987	-1.16824	0.910403	0.985131	-1.01509	0.0635699	1.31994	1.31994	4.96476	1.39254	0.24932	1
cg06520369	0.27676	1.3238	1.3238	4.42E-05	0.146664	-6.8183	0.603589	1.13871	1.13871	0.044145	0.563609	-1.77428	12.6268	12.2963	0.865617	1
cg11123545	0.080302	0.596714	-1.67584	0.329738	0.76516	-1.30692	0.25682	1.37021	1.37021	0.257847	0.730356	-1.36919	4.97578	5.58113	0.99703	1
cg06730285	0.0249576	0.219601	-4.55372	0.00121107	0.0677252	-14.7656	0.0213699	0.207755	-4.81337	0.0385739	0.256265	-3.90222	4.7663	24.3719	4.54522	1
cg21877498	0.446471	0.887624	-1.1266	0.319664	0.853871	-1.17114	0.812661	1.03714	1.03714	0.10847	1.30862	1.30862	4.36558	1.63161	0.332218	1
cg00190738	0.597983	0.832323	-1.20146	0.10097	1.85808	1.85808	0.228989	1.54562	1.54562	0.640797	1.17595	1.17595	6.18515	11.6535	1.67477	1
cg27062904	0.378886	0.714595	-1.39939	0.00327176	0.224887	-4.44667	0.711797	1.14812	1.14812	0.689884	1.16102	1.16102	5.01146	10.9973	1.9506	1
cg27379240	0.0675527	0.500775	-1.9969	0.0692616	0.503414	-1.98644	0.0749316	0.511826	-1.95379	0.257866	1.48989	1.48989	4.11814	7.43749	1.60536	1
cg04226363	0.292066	0.847545	-1.17988	0.0976835	0.759605	-1.31647	0.520524	1.10357	1.10357	0.0443316	1.41836	1.41836	4.01117	1.45454	0.322331	1
cg16110711	0.272731	0.677324	-1.4764	0.0158291	0.36465	-2.74236	0.361089	0.72584	-1.37771	0.883385	1.05137	1.05137	3.78899	6.99003	1.63984	1
cg23497707	0.614708	1.11081	1.11081	0.0207705	1.77948	1.77948	0.00415665	2.21532	2.21532	0.179804	0.744555	-1.34308	3.54966	2.4101	0.603524	1
cg18315896	0.174713	0.867991	-1.15209	0.637272	1.04768	1.04768	0.170079	1.15408	1.15408	0.393027	1.0896	1.0896	3.39728	0.517507	0.135405	1
cg22858562	3.79E-05	0.418505	-2.38946	0.00567849	1.49122	1.49122	0.254045	1.14017	1.14017	0.014479	0.717612	-1.39351	17.8054	3.4207	0.170769	1
cg00782707	0.00015046	0.256476	-3.899	0.490341	0.863727	-1.15777	0.175151	1.35187	1.35187	0.00822152	0.493177	-2.02767	14.3954	9.96746	0.615471	1
cg03165176	0.476285	1.11116	1.11116	0.244263	0.837549	-1.19396	0.00163676	1.92783	1.92783	0.284242	0.85054	-1.17572	11.4801	3.85045	0.298135	1
cg13368085	0.0314973	1.93788	1.93788	0.00465456	2.68357	2.68357	0.0028954	2.92739	2.92739	0.000832704	3.74097	3.74097	11.0743	12.066	0.968491	1
cg10565187	0.00808511	1.93698	1.93698	0.000106573	3.79224	3.79224	0.0130049	1.82339	1.82339	0.241624	1.26985	1.26985	9.85472	5.92979	0.534863	1
cg19305488	0.0367184	1.86491	1.86491	8.12E-05	6.20456	6.20456	0.0104436	2.28846	2.28846	0.154037	0.675792	-1.47974	9.68011	10.1101	0.928374	1
cg14559388	0.0432757	2.85075	2.85075	0.0596488	2.60591	2.60591	0.00190915	7.25113	7.25113	0.105099	2.22113	2.22113	7.22945	23.2501	2.85869	1
cg21153658	0.169831	1.78566	1.78566	0.0123372	3.43997	3.43997	0.0133119	3.37378	3.37378	0.843049	1.08178	1.08178	5.29611	13.1878	2.21342	1
cg10169241	0.0104667	2.378	2.378	0.0035998	2.8852	2.8852	0.0027896	3.02832	3.02832	0.619789	0.874194	-1.14391	4.90111	5.60946	1.01736	1
cg14907738	0.967137	1.00785	1.00785	0.022112	1.68388	1.68388	0.00100902	2.52585	2.52585	0.145207	1.3459	1.3459	4.59751	2.62591	0.507696	1
cg21776993	0.348996	1.46441	1.46441	0.0322294	0.370726	-2.69741	0.11263	0.504954	-1.98038	0.788727	0.899191	-1.11211	4.33197	10.7394	2.20364	1
cg11223373	0.292462	1.24074	1.24074	0.0266924	0.595352	-1.67968	0.00775961	0.509023	-1.96455	0.699496	1.07962	1.07962	4.30664	2.66054	0.549134	1
cg19812050	0.0476483	2.23752	2.23752	0.00782517	3.36606	3.36606	0.719958	1.13656	1.13656	0.108734	1.86272	1.86272	3.68741	7.38378	1.77994	1
cg06346838	0.05879	2.04276	2.04276	0.0433507	2.18129	2.18129	0.00723756	3.27297	3.27297	0.212135	1.5449	1.5449	3.9575	6.61376	1.29982	1
cg00577935	0.642516	0.942097	-1.06146	0.434128	0.903179	-1.1072	0.116281	1.24331	1.24331	0.320048	0.877123	-1.14009	11.9222	3.07427	0.22921	1
cg07863043	0.00658057	0.557087	-1.79505	0.0815918	1.37712	1.37712	0.642402	1.08061	1.08061	0.946585	1.01117	1.01117	8.39986	3.65641	0.386928	1
cg15020645	0.282578	0.867485	-1.15276	0.0227421	0.70673	-1.41497	0.243771	0.856183	-1.16797	0.0980633	1.25991	1.25991	3.57172	0.91693	0.228195	1
cg21634602	0.000383506	0.374118	-2.67295	0.0444188	1.49245	1.49245	0.134363	1.32314	1.32314	0.803683	0.957719	-1.04415	6.18339	2.94623	0.423533	1
cg18208602	0.774816	1.04126	1.04126	0.111695	0.783354	-1.27656	1.46E-06	5.60389	5.60389	0.400223	0.885703	-1.12905	31.5358	9.92247	0.279681	1
cg03396005	0.270905	0.851287	-1.17469	0.00180004	1.86571	1.86571	0.256843	0.846851	-1.18084	0.158404	0.809137	-1.23588	6.31446	1.9731	0.277754	1
cg14083149	0.622192	1.08144	1.08144	0.00373505	1.85389	1.85389	0.744687	0.949793	-1.05286	0.524155	0.90325	-1.10711	5.64574	2.22198	0.349838	1
cg06077443	0.0272707	0.326673	-3.06117	0.210789	0.568536	-1.7589	0.848443	1.08539	1.08539	0.251124	1.67115	1.67115	4.76316	13.8359	2.58203	1
cg13462387	0.597401	0.866764	-1.15372	0.0439441	0.537336	-1.86103	0.196454	1.44256	1.44256	0.318169	0.758204	-1.31891	4.09616	4.66928	1.01326	1
cg04229487	0.743186	0.907738	-1.10164	0.170767	0.650868	-1.53641	0.443738	1.25848	1.25848	0.116819	0.605531	-1.65144	4.04744	5.55679	1.22037	1
cg25611723	0.11796	0.483587	-2.06788	0.254183	0.600757	-1.66457	0.505632	0.748971	-1.33517	0.43448	0.71086	-1.40675	3.87116	11.2291	2.57841	1
cg01379009	0.049816	0.573873	-1.74255	0.00210203	0.34172	-2.92637	0.783779	1.07066	1.07066	0.0146599	0.474325	-2.10826	28.5644	27.8727	0.867364	1
cg12916872	0.251103	0.797431	-1.25403	4.92E-06	0.139761	-7.1551	0.0126652	0.557117	-1.79495	3.64E-05	0.222837	-4.48758	20.4236	11.5266	0.50167	1
cg00950473	0.0012017	0.288366	-3.46782	0.000403299	0.228886	-4.36898	0.000523826	0.242446	-4.12463	0.0213398	0.484265	-2.06499	12.5521	13.6583	0.967224	1
cg16245569	0.641349	0.851567	-1.17431	0.000678826	0.168827	-5.92323	0.00516599	0.282338	-3.54185	0.00142329	0.205808	-4.85889	9.01326	16.746	1.65149	1
cg17382918	0.082058	2.46946	2.46946	0.000125932	22.9418	22.9418	0.00726012	5.07851	5.07851	0.381539	1.52367	1.52367	7.4061	25.8246	3.0995	1
cg23487201	0.636541	0.826007	-1.21064	0.000390816	9.67814	9.67814	0.00553226	4.32365	4.32365	0.57776	1.25336	1.25336	6.11408	15.6163	2.27036	1
cg03401480	0.849112	0.939182	-1.06476	0.00172748	0.229298	-4.36113	0.0378536	0.452363	-2.21061	0.0157912	0.377465	-2.64926	5.26383	9.04791	1.5279	1
cg13778709	0.432153	1.22018	1.22018	0.924656	0.976793	-1.02376	0.0454877	1.76719	1.76719	0.0248215	1.94084	1.94084	4.05168	3.95407	0.867474	1
cg02544684	0.578187	0.922093	-1.08449	0.00174761	1.90464	1.90464	0.37164	0.875938	-1.14163	0.870227	1.02389	1.02389	3.96152	1.30827	0.293551	1
cg24814191	0.00610023	0.537756	-1.85958	0.0342806	1.53414	1.53414	0.0190055	0.61135	-1.63572	0.644715	1.08379	1.08379	3.8378	1.82531	0.422768	1
cg01443488	2.25E-07	0.154324	-6.47989	7.30E-10	0.0209556	-47.72	7.32E-09	0.0555623	-17.9978	1.38E-08	0.0695043	-14.3876	296.417	67.5336	0.202519	1
cg13968061	0.173925	0.359086	-2.78484	0.00423532	0.0664871	-15.0405	0.834997	0.862708	-1.15914	0.0286659	0.160805	-6.21869	4.36004	34.6165	7.05732	1
cg21291134	0.172476	0.185082	-5.40302	0.00910015	0.0212794	-46.9938	0.0309009	0.0526383	-18.9976	0.043715	0.0676408	-14.784	3.71212	79.3523	19.0014	1
cg05919685	0.220351	0.3299	-3.03122	0.0161514	0.0794375	-12.5885	0.0337033	0.118304	-8.45283	0.0679069	0.172084	-5.8111	3.69342	43.3252	10.427	1
cg03856044	0.0437081	0.192516	-5.19438	0.0171341	0.126873	-7.88191	0.0367178	0.178255	-5.60994	0.0553768	0.213704	-4.67937	3.4831	27.8555	7.10872	1
cg03688818	0.426983	0.925722	-1.08024	0.00113171	0.633913	-1.5775	0.0938497	0.839191	-1.19162	0.727524	1.03385	1.03385	16.1472	2.31578	0.127481	1
cg03060546	0.16156	2.34801	2.34801	?	?	?	0.0685948	0.30952	-3.23081	0.733338	1.21336	1.21336	11.2844	37.2625	3.85248	1
cg02174232	0.19113	0.700811	-1.42692	0.688444	1.10908	1.10908	0.0784921	1.65202	1.65202	0.535695	0.851211	-1.1748	6.39555	6.68265	0.928792	1
cg16503057	0.376581	0.812587	-1.23064	0.00309485	2.52397	2.52397	0.648874	1.11054	1.11054	0.052034	1.65787	1.65787	5.72347	4.74192	0.736448	1
cg06313718	0.0197932	0.311335	-3.21198	0.0796003	0.446275	-2.24077	0.213783	0.581095	-1.72089	0.0308404	0.349431	-2.86179	5.6688	15.4389	2.42089	1
cg01978534	0.00156867	0.358714	-2.78774	0.0492617	0.602568	-1.65956	0.679317	0.910441	-1.09837	0.269973	1.29598	1.29598	4.12018	3.3243	0.717186	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16908913	APEH	0.0470401	0.482053	0.809625	-1.23514	0.12317	1.6382	1.6382	0.373657	1.30985	1.30985	0.580539	1.17935	1.17935	0.619467	0.862464	-1.15947
cg20402382	APEH;APEH	0.00869003	0.344525	1.43064	1.43064	0.774943	1.1112	1.1112	0.261812	1.53785	1.53785	0.0761513	2.0664	2.0664	0.000430893	0.128931	-7.7561
cg11869215	APEX1;APEX1;OSGEP;APEX1	0.00482872	0.624422	1.21664	1.21664	0.182628	1.75426	1.75426	0.0165679	3.19983	3.19983	0.125711	0.51763	-1.93188	?	?	?
cg01976176	APEX1;APEX1;OSGEP;APEX1	0.0165381	0.00480735	0.289134	-3.45861	0.0872379	0.534599	-1.87056	0.898642	1.04317	1.04317	0.907974	1.0391	1.0391	0.128523	0.579927	-1.72435
cg22438324	APEX1;APEX1;OSGEP;OSGEP;APEX1	0.00447129	0.876729	1.02057	1.02057	0.367035	1.12924	1.12924	0.0189714	1.45151	1.45151	0.738691	0.957038	-1.04489	0.692172	1.05358	1.05358
cg27054308	APEX1;APEX1;OSGEP;OSGEP;APEX1	0.0131696	0.00647125	0.724281	-1.38068	0.739714	0.970076	-1.03085	0.0889019	0.842841	-1.18646	0.616955	0.95509	-1.04702	0.0159899	1.30833	1.30833
cg16269716	APH1A;APH1A	0.00458385	0.00279754	0.761689	-1.31287	0.855857	0.988057	-1.01209	0.437675	1.05371	1.05371	0.594446	1.03615	1.03615	0.19088	0.912546	-1.09583
cg12651044	APH1A;APH1A	0.00587131	0.583593	1.09242	1.09242	0.109492	0.756812	-1.32133	0.190444	1.24782	1.24782	0.000859397	0.449673	-2.22384	0.100451	0.750251	-1.33289
cg04028648	APH1A;APH1A	0.0100224	0.0272421	0.741282	-1.34901	0.351203	1.11619	1.11619	0.717102	1.04257	1.04257	0.375909	0.901126	-1.10972	0.136343	1.20186	1.20186
cg18107697	APH1A;APH1A	0.0162602	0.990717	1.00293	1.00293	0.00464867	2.58065	2.58065	0.749929	1.08386	1.08386	0.00531293	2.52204	2.52204	0.368381	0.79241	-1.26197
cg27182915	APH1A;APH1A	0.0226925	0.897065	0.9719	-1.02891	0.00834776	2.10069	2.10069	0.150126	0.711971	-1.40455	0.183794	1.36413	1.36413	0.231616	1.31822	1.31822
cg04789905	APH1A;APH1A	0.0459112	0.111516	0.782372	-1.27816	0.118912	0.78691	-1.27079	0.0337927	0.704029	-1.4204	0.976507	1.00418	1.00418	0.263997	0.848016	-1.17922
cg03523603	APH1A;APH1A;APH1A;APH1A	0.0283848	0.683984	1.23018	1.23018	0.831134	1.11416	1.11416	0.673941	1.2389	1.2389	0.0080836	0.179589	-5.56827	0.165523	0.472967	-2.11431
cg25710796	APH1B;APH1B	0.00609602	0.098171	0.752158	-1.32951	0.364917	0.864011	-1.15739	0.0699653	0.727513	-1.37455	0.0627362	1.38928	1.38928	0.000362354	0.40754	-2.45375
cg14525407	APH1B;APH1B	0.00967113	0.018966	0.308915	-3.23713	0.00634617	4.34576	4.34576	0.011501	3.69548	3.69548	0.0067827	4.26639	4.26639	0.656105	0.83084	-1.2036
cg19574017	APH1B;APH1B	0.0108325	0.113333	0.833928	-1.19914	0.00383056	0.663078	-1.50812	0.00364886	0.660714	-1.51351	0.011231	1.39766	1.39766	0.48625	0.928146	-1.07742
cg09264088	APH1B;APH1B	0.0115382	0.78232	1.08836	1.08836	0.00141789	0.243698	-4.10344	0.0312739	2.16509	2.16509	0.220031	0.674205	-1.48323	0.966122	0.9871	-1.01307
cg22764193	API5;API5;API5;API5	5.95E-05	0.017456	0.780768	-1.28079	0.319593	0.915791	-1.09195	0.000472109	1.59961	1.59961	0.000958239	1.52311	1.52311	0.0225489	0.791651	-1.26318
cg19844635	API5;API5;API5;API5	0.0300897	0.454555	0.885226	-1.12965	0.0252907	0.653345	-1.53059	0.866705	1.02725	1.02725	0.391567	1.15083	1.15083	0.109779	1.32181	1.32181
cg06244510	API5;API5;API5;API5	0.0313178	0.32372	0.714839	-1.39892	0.0979166	0.549908	-1.81849	0.496484	1.25535	1.25535	0.861196	1.05934	1.05934	0.0059613	0.305999	-3.26798
cg07063853	API5;API5;API5;API5;API5;API5;API5	0.0102832	0.0145143	4.848	4.848	?	?	?	0.00254257	18.3219	18.3219	0.0246224	3.66242	3.66242	0.135054	0.533647	-1.8739
cg02333667	APIP	0.00283659	0.00562988	0.462542	-2.16196	0.610513	1.11515	1.11515	0.098975	0.68128	-1.46783	0.154295	1.38201	1.38201	0.000119402	0.239902	-4.16837
cg06925060	APITD1;APITD1	0.0155767	0.00947959	0.467951	-2.13698	0.0584615	1.63871	1.63871	0.0558379	1.64955	1.64955	0.263883	1.30872	1.30872	0.0518511	0.599817	-1.66718
cg17211447	APITD1;APITD1;APITD1	0.000131436	0.0504692	1.40645	1.40645	0.0441066	0.701639	-1.42523	0.713763	1.05681	1.05681	0.162898	1.25296	1.25296	1.08E-05	0.201367	-4.96605
cg06176944	APITD1;APITD1;APITD1	0.00858724	0.18111	0.740224	-1.35094	0.00463405	0.450233	-2.22107	0.0329876	0.589617	-1.69602	0.180527	0.73989	-1.35155	0.00127073	0.369338	-2.70754
cg25614726	APITD1;APITD1;APITD1	0.0225757	0.0234102	0.294529	-3.39526	0.00246673	0.149534	-6.68743	0.0226811	0.291895	-3.42589	0.506051	0.737449	-1.35603	0.0429445	0.349419	-2.86189
cg09242541	APITD1;APITD1;APITD1	0.0410742	0.0234352	0.298989	-3.34461	0.449454	0.709149	-1.41014	0.308435	0.624944	-1.60014	0.212706	1.79547	1.79547	0.0412132	0.349864	-2.85825
cg26896979	APITD1;APITD1;APITD1	0.0411872	0.329956	0.558566	-1.7903	0.0152181	0.177841	-5.623	0.0503023	0.274559	-3.64221	0.218768	0.4727	-2.11551	0.00909772	0.146632	-6.81978
cg11047111	APITD1;APITD1;APITD1;APITD1;APITD1	0.00694673	0.648306	0.962654	-1.03879	0.191012	0.891586	-1.1216	0.398703	1.07424	1.07424	0.218497	0.898279	-1.11324	0.638948	0.961591	-1.03994
cg24293507	APITD1;CORT	0.0175906	0.0247809	0.466993	-2.14136	0.0382262	0.504418	-1.98248	0.0929092	0.590528	-1.6934	0.907696	1.0336	1.0336	0.0191708	0.445961	-2.24235
cg21312337	APLF	0.0430057	0.177949	0.636766	-1.57043	0.819292	0.930389	-1.07482	0.00458638	0.304255	-3.28672	0.621087	0.854611	-1.17012	0.091351	0.556407	-1.79725
cg00831048	APLF;APLF;FBXO48	0.0472675	0.00847201	0.14794	-6.75952	0.534971	1.42939	1.42939	0.598437	0.739214	-1.35279	0.00457726	0.116902	-8.55418	0.769717	0.846281	-1.18164
cg22885367	APLF;FBXO48	6.24E-05	?	?	?	0.00447929	1.97602	1.97602	0.00059236	3.20436	3.20436	0.0365492	0.694306	-1.44029	?	?	?
cg26569395	APLF;FBXO48	0.00196644	0.00268763	0.248103	-4.03058	0.019031	0.449299	-2.22569	0.541358	0.86915	-1.15055	0.0137361	0.413753	-2.4169	0.000154302	0.0534992	-18.6919
cg20195957	APLF;FBXO48	0.00688746	0.00389405	6.1027	6.1027	0.348087	0.667238	-1.49872	0.742519	1.1466	1.1466	?	?	?	0.00194435	8.02052	8.02052
cg20322837	APLNR;APLNR	0.000196336	0.0131575	0.583295	-1.7144	0.982309	1.0039	1.0039	1.24E-05	0.198871	-5.02838	0.0607376	0.690239	-1.44877	0.951941	0.989487	-1.01062
cg00074348	APLNR;APLNR	0.0039028	0.204005	0.708689	-1.41106	0.0706144	0.595134	-1.68029	0.000366305	0.230824	-4.3323	0.0107368	0.438912	-2.27836	0.00626664	0.400573	-2.49642
cg15155441	APLNR;APLNR	0.00876046	0.0527084	0.399266	-2.50459	0.00804261	0.242808	-4.11848	0.00296367	0.182621	-5.47583	0.0276255	0.337658	-2.96158	0.00878856	0.248804	-4.01923
cg09085358	APLNR;APLNR	0.00958777	0.248845	1.47487	1.47487	0.0246971	0.422241	-2.36832	0.00347857	0.278489	-3.59081	0.253519	0.680846	-1.46876	0.302153	1.41141	1.41141
cg25072179	APLNR;APLNR	0.0165876	0.407935	1.25394	1.25394	0.158733	1.4959	1.4959	0.128117	0.644203	-1.55231	0.22831	0.713167	-1.4022	0.535917	1.18244	1.18244
cg26637069	APLNR;APLNR	0.0291096	0.405128	1.34751	1.34751	0.145475	1.72864	1.72864	0.00864171	0.309652	-3.22944	0.745807	0.892349	-1.12064	0.278697	1.48349	1.48349
cg15355388	APLNR;APLNR;APLNR	0.00579347	0.0976297	1.92468	1.92468	0.239483	1.55855	1.55855	0.260611	1.52608	1.52608	0.0103305	0.312242	-3.20264	0.046847	0.440533	-2.26998
cg20750943	APLP1;APLP1	0.00018417	0.232732	0.758065	-1.31915	0.0385581	1.6997	1.6997	0.0059592	2.21636	2.21636	0.434196	0.838091	-1.19319	0.215768	0.749482	-1.33425
cg21714578	APLP1;APLP1	0.00040066	0.826855	1.03469	1.03469	0.501355	0.899203	-1.1121	0.543935	0.908799	-1.10035	0.615478	1.08204	1.08204	0.413788	0.878032	-1.13891
cg09930748	APLP1;APLP1	0.000848727	0.0136682	0.69968	-1.42922	0.036651	1.32886	1.32886	0.259849	1.14756	1.14756	0.198932	0.853035	-1.17228	0.000113047	0.452001	-2.21238
cg01489416	APLP1;APLP1	0.00311695	0.433057	0.900839	-1.11008	0.639731	1.06347	1.06347	0.184962	0.832339	-1.20143	0.0443829	1.35176	1.35176	0.198154	0.837336	-1.19426
cg11767711	APLP1;APLP1	0.00412458	0.253156	0.831514	-1.20263	0.317457	1.17323	1.17323	0.837414	1.03228	1.03228	0.751723	1.05029	1.05029	0.949022	1.00993	1.00993
cg07646999	APLP1;APLP1	0.00590066	0.0394099	1.47312	1.47312	0.257306	1.2119	1.2119	0.00224807	2.00433	2.00433	0.00198726	2.03387	2.03387	0.00387423	1.88222	1.88222
cg22694635	APLP1;APLP1	0.0214642	0.864756	1.05105	1.05105	0.000619948	0.214696	-4.65775	0.163327	0.647547	-1.54429	0.773788	0.919271	-1.08782	0.480102	1.23327	1.23327
cg19220607	APLP1;APLP1	0.0252739	0.0143562	0.5496	-1.81951	0.0302736	0.60343	-1.65719	0.00483709	0.476569	-2.09833	0.592522	1.11308	1.11308	0.0148347	0.551893	-1.81195
cg03587422	APLP1;APLP1	0.0258403	0.101749	0.549555	-1.81965	0.277193	1.45888	1.45888	0.101462	0.549227	-1.82074	0.286653	1.44737	1.44737	0.30094	1.43072	1.43072
cg26532393	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.000567501	0.000480296	0.699118	-1.43037	0.931188	1.00566	1.00566	0.0579099	1.15036	1.15036	0.505415	1.04514	1.04514	0.000289695	1.47147	1.47147
cg23855986	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.00092957	0.0174997	0.546228	-1.83074	0.98176	1.00479	1.00479	0.0351069	0.598514	-1.6708	0.141765	0.718681	-1.39144	1.08E-05	0.140412	-7.12191
cg16220743	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0012332	0.0115175	0.600795	-1.66446	0.418275	0.875161	-1.14265	0.807494	1.04014	1.04014	0.378668	0.86449	-1.15675	1.67E-05	0.240266	-4.16206
cg24753148	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.00245192	0.0813749	0.709468	-1.40951	0.267569	1.22778	1.22778	0.185484	1.28334	1.28334	0.0491661	0.671009	-1.49029	0.00822679	0.548478	-1.82323
cg13760935	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.00245995	0.643637	0.861782	-1.16039	0.543966	1.21667	1.21667	0.514966	0.809915	-1.2347	0.000615361	0.185656	-5.38631	0.0176326	0.397764	-2.51405
cg18087209	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.013569	0.833287	1.02468	1.02468	0.0100092	1.45665	1.45665	0.0165881	1.40281	1.40281	0.124105	0.824784	-1.21244	0.00651665	1.50528	1.50528
ch.11.2725754F	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0189538	0.00110677	0.176628	-5.66161	0.521894	0.791292	-1.26376	0.0252142	0.382964	-2.61121	0.0586388	0.462864	-2.16046	0.0667021	0.476437	-2.09891
cg04469731	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0212717	0.884415	1.04442	1.04442	0.168168	0.644808	-1.55085	0.0157157	0.412918	-2.42179	0.97836	1.00814	1.00814	0.0306781	0.468348	-2.13516
cg24418621	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0313137	0.142438	0.767034	-1.30372	0.992264	0.99837	-1.00163	0.199445	0.796087	-1.25614	0.0161916	1.64014	1.64014	0.309591	1.19348	1.19348
cg10589745	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0334404	0.960603	0.984929	-1.0153	0.0419185	0.486378	-2.05601	0.0782132	0.547981	-1.82488	0.987713	0.995277	-1.00475	0.00536737	0.323964	-3.08676
cg25820209	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0337009	0.134624	0.448376	-2.23027	0.46718	1.44469	1.44469	0.80963	0.88691	-1.12751	0.00844629	0.187819	-5.32427	0.0103728	0.200829	-4.97936
cg00156216	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.00862198	0.0279069	3.53954	3.53954	0.0161867	0.234328	-4.26751	0.723645	0.850073	-1.17637	0.37591	0.657671	-1.52052	0.00173918	0.0957391	-10.4451
cg08847885	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.00984736	0.376734	0.536105	-1.8653	0.896318	1.09375	1.09375	0.772026	1.22099	1.22099	0.0393002	0.194185	-5.14972	0.000226537	0.0147926	-67.6012
cg25987102	APOA1	0.00384955	0.195095	0.840949	-1.18913	0.0125258	1.48083	1.48083	0.0805004	0.782674	-1.27767	0.00703547	0.643777	-1.55333	0.00925644	0.658713	-1.51811
cg24984312	APOA1	0.00759924	0.0559182	2.13346	2.13346	0.00282712	4.21587	4.21587	0.0667209	2.05302	2.05302	0.172161	1.66279	1.66279	0.0105012	3.0857	3.0857
cg26734040	APOA1	0.0180872	0.236786	0.781939	-1.27887	0.787343	0.947757	-1.05512	0.00053149	0.342878	-2.91649	0.0647913	0.662605	-1.50919	0.846328	0.962228	-1.03926
cg15896978	APOA1	0.0226337	0.294301	1.47595	1.47595	0.403925	1.35753	1.35753	0.101395	0.526277	-1.90014	0.336875	1.42529	1.42529	0.761046	1.11534	1.11534
cg03856801	APOA1	0.04258	0.751169	0.961822	-1.03969	0.0708453	1.28014	1.28014	0.555476	0.929631	-1.0757	0.123109	0.815145	-1.22678	0.0680202	0.778744	-1.28412
cg00142925	APOA1	0.0442697	0.0215723	0.540383	-1.85054	0.170731	0.722279	-1.38451	0.368722	1.22864	1.22864	0.0741147	0.641538	-1.55875	0.0247157	0.550792	-1.81557
cg19324627	APOA1;APOA1	0.0330825	0.323559	1.22825	1.22825	0.0313224	1.66418	1.66418	0.343525	0.821385	-1.21746	0.13486	1.38409	1.38409	0.407779	0.843038	-1.18619
cg16564525	APOA1BP	0.000384252	0.000354038	0.373857	-2.67482	0.0742022	0.710922	-1.40662	0.185533	0.786033	-1.27221	0.000463426	2.57183	2.57183	0.000176451	0.33603	-2.97592
cg15208197	APOA1BP	0.0249307	0.00490607	0.288459	-3.46669	0.619501	1.18169	1.18169	0.603269	0.839569	-1.19109	0.0134691	2.77403	2.77403	0.0218128	0.399303	-2.50437
cg08922317	APOA2	8.35E-06	3.40E-06	0.133872	-7.46982	0.018796	0.592772	-1.68699	1.48E-05	0.191751	-5.21511	0.0649212	0.683327	-1.46343	1.22E-06	0.10015	-9.98502
cg01053621	APOA2	0.000296689	0.000382072	0.23996	-4.16736	0.138469	0.669398	-1.49388	0.0088056	0.43197	-2.31498	0.000124009	0.185629	-5.38708	5.17E-05	0.148683	-6.72574
cg18281418	APOA2	0.00156228	0.000245005	0.326371	-3.064	0.00159909	0.433182	-2.3085	0.123578	0.734786	-1.36094	0.329033	1.20457	1.20457	0.0649196	0.681829	-1.46664
cg21451906	APOA2	0.0431118	0.195311	0.573327	-1.74421	0.852502	0.927193	-1.07852	0.259791	0.620374	-1.61193	0.00901516	0.259646	-3.8514	0.00642415	0.236977	-4.21983
cg15950203	APOA4	0.000934804	0.00335368	0.498273	-2.00693	0.827858	0.962705	-1.03874	0.000615899	0.398412	-2.50996	0.541314	1.11396	1.11396	0.00163342	0.454978	-2.19791
cg20691428	APOA4	0.000955784	0.114712	0.654507	-1.52787	0.175073	0.700215	-1.42813	0.000903091	0.293141	-3.41132	0.396496	1.2393	1.2393	0.000468147	0.256934	-3.89205
cg09136129	APOA4	0.00175061	0.168703	0.770445	-1.29795	0.0605301	0.686377	-1.45692	5.18E-05	0.260149	-3.84395	0.155251	0.763041	-1.31055	0.00669543	0.535023	-1.86908
cg07661246	APOA4	0.00472711	0.661747	0.939912	-1.06393	0.0219113	0.679048	-1.47265	0.0120037	0.643343	-1.55438	0.701837	0.947294	-1.05564	0.132091	1.25706	1.25706
cg11052922	APOA4	0.00554899	0.890853	1.02891	1.02891	0.00417958	0.450841	-2.21808	0.721069	1.07726	1.07726	0.000435048	0.315244	-3.17215	0.392715	1.19932	1.19932
cg23200506	APOA4	0.00698762	0.0893332	0.784638	-1.27447	0.152593	0.820079	-1.21939	0.00197899	0.567922	-1.76081	0.0559501	0.75554	-1.32356	0.000907152	0.52599	-1.90118
cg05921324	APOA4	0.0104576	0.0333189	0.644269	-1.55215	0.866231	1.03025	1.03025	0.111164	0.735852	-1.35897	0.203667	0.78888	-1.26762	0.00116744	0.430651	-2.32207
cg12324426	APOA4;APOA4	0.0156517	0.347724	0.860105	-1.16265	0.00163436	2.02027	2.02027	0.964698	1.00692	1.00692	0.0656604	1.37987	1.37987	0.0491777	1.41905	1.41905
cg10732385	APOA5;APOA5	0.00255135	0.0193916	0.671662	-1.48884	0.0489982	1.37224	1.37224	0.162108	0.810457	-1.23387	0.0677075	0.749653	-1.33395	0.000579434	0.472656	-2.1157
cg13621464	APOA5;APOA5	0.0041265	0.555103	1.07109	1.07109	0.916127	1.01219	1.01219	0.0681783	1.26486	1.26486	0.00491154	0.651316	-1.53535	0.000369881	0.519078	-1.92649
cg02157083	APOA5;APOA5	0.0058804	0.0122435	0.412022	-2.42706	0.645597	1.14062	1.14062	0.0916695	0.589985	-1.69496	0.158381	0.651532	-1.53484	0.000193931	0.168293	-5.94202
cg21870551	APOA5;APOA5	0.005987	0.522528	1.10813	1.10813	0.0124414	1.63682	1.63682	0.277576	1.19589	1.19589	0.154642	1.27297	1.27297	0.869443	1.0264	1.0264
cg27362048	APOA5;APOA5	0.0100712	0.494654	1.16383	1.16383	0.368141	1.22414	1.22414	0.0748717	0.647892	-1.54347	0.60363	0.89173	-1.12142	0.00311023	0.412787	-2.42256
cg03481039	APOA5;APOA5	0.0112924	0.00585214	0.368658	-2.71254	0.143119	0.647098	-1.54536	0.0654345	0.564418	-1.77174	0.929806	0.975925	-1.02467	0.00138592	0.277438	-3.60441
cg12556569	APOA5;APOA5	0.0144469	0.330768	0.904933	-1.10505	0.0104696	1.37816	1.37816	0.431541	1.08319	1.08319	0.00146614	0.633051	-1.57965	0.0477153	0.798217	-1.25279
cg25454270	APOA5;APOA5	0.0188888	0.531888	1.22169	1.22169	0.91197	1.03559	1.03559	0.0552492	0.502991	-1.98811	0.183039	0.639689	-1.56326	0.000923429	0.209117	-4.78202
cg00411697	APOA5;APOA5	0.021937	0.155999	1.46194	1.46194	0.0865767	0.622719	-1.60586	0.0875565	0.62382	-1.60303	0.347719	1.27369	1.27369	0.00594269	0.406519	-2.45991
cg08598780	APOA5;APOA5	0.0327919	0.0166243	0.404584	-2.47168	0.0399972	0.479775	-2.08431	0.0138332	0.39014	-2.56318	0.210931	0.66509	-1.50356	0.00663693	0.336185	-2.97455
cg25682080	APOA5;APOA5;APOA5;APOA5	0.00406613	0.0047654	0.421561	-2.37213	0.525505	1.15985	1.15985	0.0202818	0.524634	-1.90609	0.799237	0.942948	-1.0605	0.000229286	0.243993	-4.09848
cg08731950	APOB	5.82E-05	0.160729	0.721806	-1.38541	0.0841697	0.659856	-1.51548	7.21E-06	0.115842	-8.63244	0.131804	0.701918	-1.42467	0.0564155	1.59999	1.59999
cg04505076	APOB	0.000108958	0.0463472	0.64524	-1.54981	0.704528	0.929469	-1.07588	1.15E-05	0.167443	-5.97217	0.000490879	0.350566	-2.85253	0.000764702	0.375794	-2.66103
cg08063111	APOB	0.000753726	0.372157	0.800872	-1.24864	0.0781963	1.60675	1.60675	6.48E-05	0.168889	-5.92103	0.0465405	0.575537	-1.73751	0.0356757	0.552948	-1.80849
cg24598106	APOB	0.000772989	0.0138265	0.586675	-1.70452	0.654053	1.08228	1.08228	4.51E-05	0.258438	-3.8694	0.522039	0.892491	-1.12046	0.724975	1.06387	1.06387
cg26118553	APOB	0.000969725	0.334891	0.710331	-1.40779	0.000395511	0.14364	-6.96183	0.00857732	0.315653	-3.16803	0.155276	0.592722	-1.68713	8.11E-05	0.0867106	-11.5326
cg05961176	APOB	0.0018687	0.787917	0.958479	-1.04332	0.00870123	0.591064	-1.69186	0.62475	1.08062	1.08062	0.760348	1.04929	1.04929	0.967936	1.00634	1.00634
cg13022402	APOB	0.00318213	0.733188	1.10077	1.10077	0.0854182	0.586519	-1.70497	0.0206364	0.457402	-2.18626	0.294551	0.737087	-1.35669	0.86765	0.954279	-1.04791
cg23214840	APOB	0.00555035	0.00078803	0.0719208	-13.9042	0.0218187	0.239822	-4.16976	0.00783359	0.170264	-5.87323	0.363216	0.615841	-1.6238	0.00162322	0.096028	-10.4136
cg19459542	APOB	0.00570855	0.0357487	2.10267	2.10267	0.0275864	2.20866	2.20866	0.0319627	0.465605	-2.14774	0.86808	1.05186	1.05186	0.576813	1.18705	1.18705
cg14353278	APOB	0.00694258	0.0381356	0.458142	-2.18273	0.276623	1.44416	1.44416	0.0128286	0.366485	-2.72863	0.434273	0.771725	-1.2958	0.923923	1.03151	1.03151
cg25123895	APOB	0.00910987	0.0178573	2.54719	2.54719	0.0147674	2.64935	2.64935	0.0358611	2.20978	2.20978	0.4867	1.25798	1.25798	0.155876	1.63731	1.63731
cg24309555	APOB	0.0116788	0.0497343	3.33548	3.33548	0.00358804	8.35175	8.35175	0.0781442	2.86705	2.86705	0.254506	1.89706	1.89706	0.0608195	3.11849	3.11849
cg16723488	APOB	0.0144604	0.0612209	4.766	4.766	0.0281881	6.81175	6.81175	0.162718	3.01387	3.01387	0.213273	2.63869	2.63869	0.559787	1.54737	1.54737
cg00673290	APOB	0.0173322	0.0365643	12.5821	12.5821	0.0294031	14.4961	14.4961	0.122983	5.70726	5.70726	0.435864	2.29009	2.29009	0.116546	5.91487	5.91487
cg05337441	APOB	0.0218021	0.0412752	4.73344	4.73344	0.00420469	12.5746	12.5746	0.258616	2.17794	2.17794	0.0127024	7.73074	7.73074	0.97075	1.02451	1.02451
cg16306978	APOB	0.0231945	0.048401	9.09147	9.09147	0.0110633	22.6164	22.6164	0.131989	4.90986	4.90986	0.20189	3.73939	3.73939	0.0683873	7.36726	7.36726
cg03350299	APOB	0.0244307	0.047254	5.32183	5.32183	0.0117401	10.1575	10.1575	0.126939	3.37268	3.37268	0.213273	2.62537	2.62537	0.196053	2.73693	2.73693
cg07636176	APOB	0.0253177	0.333867	1.29816	1.29816	0.751216	1.08684	1.08684	0.085797	1.64392	1.64392	0.437259	1.23056	1.23056	0.0669942	1.71179	1.71179
cg21319310	APOB	0.0255935	0.00441374	0.333813	-2.99569	0.059937	0.541833	-1.84559	0.190358	0.670052	-1.49242	0.465566	0.807018	-1.23913	0.625642	1.15253	1.15253
cg26112457	APOB	0.031998	0.361775	0.85533	-1.16914	0.0353341	0.664621	-1.50462	0.439974	1.14029	1.14029	0.690838	0.935532	-1.06891	0.733091	0.944537	-1.05872
cg25035485	APOB	0.0371423	0.0563162	7.17246	7.17246	0.0363264	9.19395	9.19395	0.0434015	8.31213	8.31213	0.367989	2.32335	2.32335	0.0609728	6.85676	6.85676
cg25071744	APOB	0.037667	0.0933672	2.74653	2.74653	0.0327432	3.92595	3.92595	0.105626	2.63196	2.63196	0.368605	1.65787	1.65787	0.0842244	2.84555	2.84555
cg04639062	APOB	0.0401011	0.618479	0.883455	-1.13192	0.023747	1.94681	1.94681	0.0190788	2.01427	2.01427	0.986925	1.00405	1.00405	0.00857204	0.437085	-2.28788
cg23949611	APOB	0.0445857	0.0563081	0.25564	-3.91175	0.048947	0.241981	-4.13255	0.0243349	0.183829	-5.43985	0.0276294	0.193295	-5.17344	0.0215444	0.175152	-5.70933
cg26865290	APOB48R	2.53E-06	0.00284845	0.7918	-1.26294	0.000539024	0.736426	-1.35791	0.169446	0.920165	-1.08676	0.00163135	0.773727	-1.29245	7.36E-05	0.663849	-1.50637
cg14237301	APOB48R	0.00106455	0.0132335	0.434279	-2.30266	0.00117388	3.64571	3.64571	0.547977	1.17956	1.17956	0.00104244	0.267546	-3.73768	0.0096001	0.410394	-2.43668
cg08923160	APOB48R	0.00278707	0.711356	0.937577	-1.06658	0.0222662	0.621816	-1.60819	0.0312354	0.645108	-1.55013	0.0722475	0.706163	-1.4161	0.429903	0.86959	-1.14997
cg02567500	APOB48R	0.00412156	0.960397	0.987532	-1.01262	0.187624	0.702702	-1.42308	0.000985156	0.290107	-3.44701	0.00849502	0.427956	-2.33669	0.000312988	0.228429	-4.37773
cg00359511	APOB48R	0.00577998	0.260533	1.39987	1.39987	0.742297	1.0992	1.0992	0.00799463	0.377435	-2.64946	0.102036	1.67024	1.67024	0.00222942	0.29297	-3.41332
cg21566086	APOB48R	0.00816679	0.00604218	0.385915	-2.59124	0.790727	0.931823	-1.07317	0.0199531	0.474382	-2.10801	0.112783	0.632358	-1.58138	0.0018482	0.309248	-3.23365
cg07337290	APOB48R	0.0148625	0.0192722	0.500232	-1.99907	0.00187367	0.339873	-2.94227	0.0052915	0.406771	-2.45838	0.0296224	0.53441	-1.87122	0.0150558	0.481374	-2.07739
cg00228142	APOB48R	0.0165242	0.56657	0.847357	-1.18014	0.178469	0.664498	-1.5049	0.000762272	0.232631	-4.29865	0.157481	0.649091	-1.54062	0.0617248	0.547927	-1.82506

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16908913	0.189904	0.663419	-1.50734	0.0019954	0.275322	-3.63211	0.283965	0.719653	-1.38956	0.22546	0.686434	-1.4568	3.4673	4.79695	1.22976	1
cg20402382	0.384874	0.720589	-1.38775	0.0150789	0.333338	-2.99996	0.338898	1.43702	1.43702	0.833559	0.925521	-1.08047	6.18065	13.2427	1.90454	1
cg11869215	0.121703	1.94785	1.94785	0.266512	0.631239	-1.58419	0.000460503	0.111802	-8.94435	0.105013	2.02176	2.02176	7.57648	16.8447	2.22328	1
cg01976176	0.874393	1.05387	1.05387	0.119182	0.570726	-1.75215	0.0013721	0.214403	-4.66412	0.251256	1.48817	1.48817	5.01543	8.73705	1.54848	1
cg22438324	0.298868	0.868288	-1.15169	0.000203144	0.441712	-2.26392	0.266144	0.859009	-1.16413	0.0228816	1.42917	1.42917	7.59245	2.06873	0.242198	1
cg27054308	0.394162	1.08278	1.08278	0.0808359	0.838276	-1.19293	0.11888	1.16677	1.16677	0.0161724	1.30747	1.30747	5.40719	0.711043	0.116888	1
cg16269716	0.0263943	1.19002	1.19002	0.100968	1.12602	1.12602	0.139677	1.11073	1.11073	0.000640834	1.41379	1.41379	7.53537	0.521083	0.061468	1
cg12651044	0.0040912	0.540543	-1.84999	0.0256466	0.654886	-1.52698	0.292539	0.839982	-1.1905	0.00430084	0.543533	-1.83981	6.98573	2.82108	0.358965	1
cg04028648	0.00827557	0.679204	-1.47231	0.747137	0.963616	-1.03776	0.216433	1.1607	1.1607	0.00157698	1.68194	1.68194	5.90639	1.22785	0.184786	1
cg18107697	0.0881301	1.60628	1.60628	0.0196968	0.491924	-2.03283	0.589084	1.14722	1.14722	0.764537	0.927141	-1.07859	5.04384	5.06638	0.892862	1
cg27182915	0.0152366	1.9276	1.9276	0.366566	0.815243	-1.22663	0.0204545	0.540596	-1.84981	0.512307	1.15759	1.15759	4.5057	3.46045	0.682682	1
cg04789905	0.780376	0.961196	-1.04037	0.0247	1.46035	1.46035	0.0738605	0.754198	-1.32591	0.027432	0.691172	-1.44682	3.49913	1.111	0.282228	1
cg03523603	0.229896	1.89213	1.89213	0.00240303	0.117574	-8.50529	0.587843	1.31917	1.31917	0.970222	1.01908	1.01908	4.16768	16.9149	3.60764	1
cg25710796	0.213971	0.814292	-1.22806	0.0219817	0.649589	-1.53943	0.442172	1.13093	1.13093	0.0133597	0.618076	-1.61792	6.90522	2.69593	0.347039	1
cg14525407	0.132089	1.95822	1.95822	0.532676	1.29862	1.29862	0.02161	3.12864	3.12864	0.437722	1.38725	1.38725	5.97409	16.1766	2.40693	1
cg19574017	0.654964	0.953699	-1.04855	0.457223	0.923306	-1.08306	0.954845	1.00599	1.00599	0.0516538	0.791806	-1.26294	5.76092	1.01353	0.156385	1
cg09264088	0.119144	0.596291	-1.67703	0.0273304	2.22154	2.22154	0.61738	1.16646	1.16646	0.0629897	0.52761	-1.89534	5.64479	8.35488	1.31565	1
cg22764193	0.000125873	0.564903	-1.77021	0.795813	0.978065	-1.02243	0.00254284	0.698941	-1.43074	4.39E-05	1.94004	1.94004	25.4279	2.94586	0.102979	1
cg19844635	0.00402548	0.538826	-1.85589	0.154241	0.783422	-1.27645	0.6999	1.06395	1.06395	0.111109	1.3202	1.3202	4.0825	1.65609	0.360584	1
cg06244510	0.0410859	0.460097	-2.17345	0.0413606	0.460725	-2.17049	0.174584	1.60902	1.60902	0.0258888	0.418464	-2.38969	4.02476	6.91499	1.52721	1
cg07063853	0.013117	5.14259	5.14259	?	?	?	?	?	?	?	?	?	27.6984	22.0226	0.477052	1
cg02333667	0.727081	1.07717	1.07717	0.942387	0.984782	-1.01545	0.674467	0.91427	-1.09377	0.00713196	0.478397	-2.09031	8.70147	6.20375	0.633737	1
cg06925060	0.393864	1.22356	1.22356	0.745708	0.927581	-1.07807	0.0236987	0.535874	-1.86611	0.0611965	1.62799	1.62799	5.11636	4.3247	0.75135	1
cg17211447	0.00149724	0.482463	-2.0727	0.000158181	0.346254	-2.88805	0.00474326	1.80178	1.80178	0.518842	0.906443	-1.10321	26.7037	9.30046	0.270887	1
cg06176944	0.0347336	0.593643	-1.68451	0.0662993	0.646383	-1.54707	0.0521956	1.59658	1.59658	0.959777	0.989372	-1.01074	6.20396	4.41011	0.631871	1
cg25614726	0.110111	0.455653	-2.19465	0.0187066	0.276302	-3.61923	0.0173127	0.270241	-3.7004	0.114124	0.460352	-2.17225	4.51371	14.5646	2.86822	1
cg09242541	0.535501	0.755921	-1.32289	0.0356126	0.335979	-2.97638	0.00498912	0.190684	-5.24427	0.836592	0.912016	-1.09647	3.6473	11.487	2.79951	1
cg26896979	0.151844	0.410904	-2.43366	0.00492831	0.115606	-8.65008	0.240083	0.490386	-2.03921	0.209604	0.464853	-2.15122	3.64359	19.3652	4.72431	1
cg11047111	0.000682358	0.65043	-1.53744	0.00276814	0.710297	-1.40786	0.0201766	0.792772	-1.2614	0.0969328	1.16301	1.16301	6.63089	0.721423	0.0967087	1
cg24293507	0.993347	1.00238	1.00238	0.00373116	0.327608	-3.05243	0.00354926	0.324364	-3.08296	0.460003	0.807077	-1.23904	4.91295	6.31691	1.1429	1
cg21312337	0.0703943	0.528524	-1.89206	0.104537	1.74971	1.74971	0.156576	0.620145	-1.61252	0.0405094	0.474284	-2.10844	3.58568	5.6459	1.39962	1
cg00831048	0.0595943	0.298556	-3.34946	0.645386	0.768389	-1.30142	0.897032	1.07639	1.07639	0.684951	1.26101	1.26101	3.461	17.7201	4.55105	1
cg22885367	1.76E-05	0.0582883	-17.1561	?	?	?	?	?	?	0.000111186	0.16759	-5.96694	210.672	25.4589	0.096677	1
cg26569395	0.0993085	0.637869	-1.56772	0.0309431	1.98688	1.98688	0.443655	0.83647	-1.1955	0.0169382	2.29079	2.29079	34.2889	23.6721	0.306832	1
cg20195957	0.00535681	5.42622	5.42622	0.0659106	2.44114	2.44114	?	?	?	0.0131947	3.98386	3.98386	9.54668	19.2369	1.72717	1
cg20322837	0.959666	0.991171	-1.00891	0.138208	0.755874	-1.32297	6.43E-05	0.27577	-3.62621	0.000377133	0.369191	-2.70863	18.4635	8.99073	0.432841	1
cg00074348	0.483807	0.832953	-1.20055	0.414501	0.807141	-1.23894	0.00326408	0.356971	-2.80135	0.00235761	0.336301	-2.97353	7.9109	8.26646	0.928841	1
cg15155441	0.479922	0.741276	-1.34902	0.00327529	0.188084	-5.31678	0.137795	0.513639	-1.94689	0.00566645	0.220217	-4.54098	6.16487	16.9694	2.44675	1
cg09085358	0.932248	1.02779	1.02779	0.00411095	0.289135	-3.45859	0.101767	0.561327	-1.78149	0.00637858	0.318436	-3.14035	5.99061	9.85977	1.463	1
cg25072179	0.588961	1.15701	1.15701	0.00113096	0.277821	-3.59944	0.251909	1.3771	1.3771	0.0217554	0.47887	-2.08825	5.01042	5.67149	1.00617	1
cg26637069	0.399846	1.35227	1.35227	0.00464911	3.73653	3.73653	0.410797	1.34247	1.34247	0.314112	0.694521	-1.43984	4.13072	8.02153	1.72615	1
cg15355388	0.842404	0.930797	-1.07435	0.00234307	0.21653	-4.61829	0.00795057	3.40736	3.40736	0.122962	0.547691	-1.82585	7.01452	14.4185	1.82713	1
cg20750943	0.658329	1.10353	1.10353	2.98E-06	0.0849873	-11.7665	0.715903	0.922283	-1.08427	0.946071	0.985138	-1.01509	18.7862	14.5775	0.689751	1
cg21714578	0.105026	0.758981	-1.31756	3.24E-06	0.179984	-5.55606	0.617205	1.08161	1.08161	0.595093	0.91988	-1.0871	15.1933	5.83254	0.341235	1
cg09930748	0.0013109	0.57824	-1.72938	0.0256572	0.733164	-1.36395	0.0185358	1.39707	1.39707	0.801574	1.02993	1.02993	12.3251	2.67668	0.193043	1
cg01489416	0.131675	1.23666	1.23666	0.0254245	1.41444	1.41444	0.512251	0.916899	-1.09063	8.64E-05	2.5085	2.5085	8.46143	2.28334	0.239869	1
cg11767711	0.181854	1.24493	1.24493	5.76E-05	0.315558	-3.16899	0.697024	1.06235	1.06235	0.375021	0.868698	-1.15115	7.78017	2.94496	0.336464	1
cg07646999	0.127859	1.30684	1.30684	0.55744	1.10126	1.10126	0.05604	1.42168	1.42168	0.00157842	2.09108	2.09108	6.975	2.91951	0.37206	1
cg22694635	0.0839185	0.571991	-1.74828	0.323942	1.34656	1.34656	0.281892	1.3863	1.3863	0.30439	0.73295	-1.36435	4.59258	6.20541	1.20105	1
cg19220607	0.381593	1.19478	1.19478	0.825617	0.957184	-1.04473	0.962102	1.00947	1.00947	0.193953	0.761435	-1.31331	4.34074	2.70368	0.553655	1
cg03587422	0.630555	0.850492	-1.17579	0.00148053	4.6295	4.6295	0.116449	1.76837	1.76837	0.793	0.915865	-1.09186	4.30733	7.61837	1.57218	1
cg26532393	0.00975149	1.23809	1.23809	0.990688	0.999238	-1.00076	0.170696	1.10001	1.10001	0.00116246	0.732242	-1.36567	13.7963	0.932825	0.0601014	1
cg23855986	0.701326	0.92258	-1.08392	0.0171478	0.544755	-1.83569	0.117108	0.70051	-1.42753	0.0311578	0.58928	-1.69699	12.0124	8.31851	0.615548	1
cg16220743	0.157357	1.27607	1.27607	0.642428	1.0783	1.0783	0.900122	0.97996	-1.02045	0.575563	0.912839	-1.09548	11.0851	4.56327	0.36592	1
cg24753148	0.000142549	0.311815	-3.20703	0.062466	1.45142	1.45142	0.251155	1.23742	1.23742	0.18843	0.780668	-1.28095	9.08379	4.54169	0.444424	1
cg13760935	0.706773	1.12826	1.12826	0.000130582	0.119921	-8.33885	0.723882	0.892919	-1.11992	0.803571	1.08283	1.08283	9.07506	14.6543	1.43536	1
cg18087209	0.745754	1.03835	1.03835	0.202309	0.855796	-1.1685	0.119788	0.822631	-1.21561	0.0523378	1.29081	1.29081	5.35457	1.13483	0.188389	1
ch.11.2725754F	0.115423	0.539452	-1.85373	0.00932071	0.3044	-3.28515	0.0341203	0.409974	-2.43918	0.468566	0.766479	-1.30467	4.79101	9.86808	1.83085	1
cg04469731	0.0115175	0.388987	-2.57078	0.00693508	0.352094	-2.84015	0.290176	1.38817	1.38817	0.028768	0.462764	-2.16093	4.60675	6.51298	1.2567	1
cg24418621	0.0444634	1.47436	1.47436	0.00922022	1.74367	1.74367	0.171334	1.27761	1.27761	0.334108	0.845715	-1.18243	4.02494	1.80373	0.398344	1
cg10589745	0.692718	1.12987	1.12987	0.0840982	1.79959	1.79959	0.0700194	1.86404	1.86404	0.683724	0.881687	-1.13419	3.93127	5.88443	1.33051	1
cg25820209	0.45016	0.682066	-1.46613	0.00797192	0.184286	-5.42634	0.427997	0.668717	-1.4954	0.0701568	0.365426	-2.73653	3.9203	15.3526	3.48105	1
cg00156216	0.0192646	4.01587	4.01587	?	?	?	0.14474	0.479719	-2.08456	0.771619	1.14236	1.14236	8.58232	24.0168	2.0988	1
cg08847885	0.874567	1.11469	1.11469	0.929263	0.940801	-1.06292	0.221668	2.4178	2.4178	0.230052	2.37618	2.37618	5.93975	44.4378	6.65016	1
cg25987102	0.000794114	0.526986	-1.89758	0.704507	1.04934	1.04934	0.209061	0.845888	-1.18219	0.0161857	0.689475	-1.45038	7.94367	2.01008	0.224926	1
cg24984312	0.00431003	3.80156	3.80156	0.00173556	4.77308	4.77308	0.00767201	3.31668	3.31668	0.444084	1.31391	1.31391	6.44739	12.5018	1.72359	1
cg26734040	0.30348	0.809369	-1.23553	0.006354	0.494136	-2.02373	0.605484	0.901766	-1.10893	0.349401	0.826004	-1.21065	4.86721	3.03561	0.554387	1
cg15896978	0.388384	0.728774	-1.37217	0.00159109	0.197525	-5.06265	0.404902	1.35663	1.35663	0.0191332	0.362481	-2.75876	4.50972	9.14887	1.80329	1
cg03856801	0.00634571	1.54462	1.54462	0.821442	1.02805	1.02805	0.719743	0.956871	-1.04507	0.105265	0.805278	-1.24181	3.59896	0.853401	0.210777	1
cg00142925	0.132655	0.696366	-1.43603	0.00899833	0.476754	-2.09752	0.126461	0.69162	-1.44588	0.0670664	0.632686	-1.58056	3.54716	2.79453	0.700285	1
cg19324627	0.74897	1.06688	1.06688	0.450727	1.16761	1.16761	0.00304876	2.26684	2.26684	0.0174849	1.79187	1.79187	3.94651	2.54146	0.572423	1
cg16564525	0.0681066	0.704435	-1.41958	0.0332483	1.53234	1.53234	0.0765578	0.713305	-1.40192	0.129775	0.755272	-1.32403	15.3694	7.15913	0.414049	1
cg15208197	0.242697	0.66514	-1.50344	0.617862	1.18263	1.18263	0.252752	0.671385	-1.48946	0.370084	0.735662	-1.35932	4.36144	7.68341	1.56593	1
cg08922317	7.59E-05	0.267569	-3.73735	3.18E-05	0.225791	-4.42888	0.000920946	0.402738	-2.483	0.000223074	0.32342	-3.09196	42.5161	22.7246	0.475105	1
cg01053621	0.000283793	0.224866	-4.4471	0.0138767	0.465311	-2.1491	0.00310236	0.361229	-2.76832	0.00840084	0.428613	-2.33311	16.5002	16.5497	0.891554	1
cg18281418	0.319705	0.826969	-1.20923	0.217853	1.27062	1.27062	0.000508205	0.366609	-2.72771	0.0461227	0.655591	-1.52534	10.3575	5.59989	0.480588	1
cg21451906	0.0229079	0.331065	-3.02055	0.0808355	0.455527	-2.19526	0.0468134	0.396781	-2.52028	0.21033	0.58501	-1.70937	3.58239	9.35909	2.32225	1
cg15950203	0.611262	1.09359	1.09359	0.00102502	2.33836	2.33836	0.968691	1.00687	1.00687	0.0127602	0.582741	-1.71603	11.9934	5.78616	0.428841	1
cg20691428	0.00554304	0.406349	-2.46094	0.00329128	2.68988	2.68988	0.770405	0.930241	-1.07499	0.00325689	0.371084	-2.6948	11.9183	11.5251	0.859564	1
cg09136129	0.0835736	1.40572	1.40572	0.97612	0.994692	-1.00534	0.00932093	0.55628	-1.79765	0.0522701	0.675341	-1.48073	10.0223	5.01906	0.445147	1
cg07661246	0.0868902	1.30492	1.30492	0.000496037	2.154	2.154	0.466052	0.900851	-1.11006	0.134689	0.796907	-1.25485	7.4652	2.34265	0.278941	1
cg11052922	0.470278	1.16471	1.16471	0.529169	1.14149	1.14149	0.389045	0.832571	-1.2011	0.0063427	0.478237	-2.09102	7.10817	4.8509	0.606613	1
cg23200506	0.680878	0.94787	-1.055	0.0118555	0.665832	-1.50188	0.00599843	0.628183	-1.59189	0.0252311	0.70856	-1.41131	6.61877	1.75701	0.235964	1
cg05921324	0.178766	0.776874	-1.28721	0.0188551	0.60484	-1.65333	0.159804	0.766833	-1.30407	0.00132809	0.438215	-2.28198	5.82649	2.88283	0.439805	1
cg12324426	0.0568582	0.714668	-1.39925	0.181473	1.24745	1.24745	0.120353	0.769037	-1.30033	0.666737	0.934701	-1.06986	5.10821	1.96558	0.342034	1
cg10732385	0.0522178	1.36463	1.36463	0.00379142	1.73298	1.73298	0.414866	0.889281	-1.1245	0.534108	1.0927	1.0927	8.97813	2.81856	0.279055	1
cg13621464	0.712666	1.04347	1.04347	0.0594732	0.782908	-1.27729	0.878001	0.982483	-1.01783	0.0387068	1.3171	1.3171	7.77908	1.63071	0.186336	1
cg02157083	0.308813	1.34887	1.34887	0.226624	1.43433	1.43433	0.824793	1.06502	1.06502	0.143807	0.640034	-1.56242	6.9824	8.92735	1.13649	1
cg21870551	0.279809	1.19482	1.19482	0.000151877	2.79994	2.79994	0.00962274	1.68069	1.68069	0.021445	1.54926	1.54926	6.94381	2.76016	0.353332	1
cg27362048	0.389286	1.2129	1.2129	0.00242223	2.51909	2.51909	0.0715708	1.553	1.553	0.370683	1.22276	1.22276	5.89721	4.47037	0.673821	1
cg03481039	0.0188413	0.455236	-2.19666	0.0364426	0.510404	-1.95923	0.00595906	0.369906	-2.70339	0.675961	0.890235	-1.1233	5.68422	6.88726	1.07702	1
cg12556569	0.528736	1.06559	1.06559	0.737577	0.96708	-1.03404	0.709928	1.03789	1.03789	0.285499	1.11675	1.11675	5.24536	0.823166	0.139495	1
cg25454270	0.0497775	0.492795	-2.02924	0.0148805	0.387824	-2.57849	0.382601	0.753408	-1.3273	0.0645317	0.518585	-1.92832	4.79657	7.59664	1.40779	1
cg00411697	0.19556	0.70999	-1.40847	0.180253	1.42768	1.42768	0.0813863	1.6215	1.6215	0.0795415	1.62733	1.62733	4.55843	4.51994	0.881385	1
cg08598780	0.0968026	0.568929	-1.75769	0.183927	0.646522	-1.54674	0.0125884	0.382884	-2.61176	0.291557	0.712756	-1.40301	3.95903	6.00268	1.34773	1
cg25682080	0.0269214	0.546611	-1.82945	0.0183528	0.517041	-1.93408	0.0176383	0.514046	-1.94535	0.979556	0.994111	-1.00592	7.81376	6.57494	0.747962	1
cg08731950	0.165156	0.724601	-1.38007	0.126954	1.43214	1.43214	0.144984	0.71136	-1.40576	4.76E-06	0.102514	-9.75476	25.5687	19.1714	0.666486	1
cg04505076	0.119032	0.722667	-1.38376	0.287056	1.23643	1.23643	0.462881	0.866356	-1.15426	2.53E-05	0.20091	-4.97735	21.6379	12.6306	0.518869	1
cg08063111	0.200444	0.720549	-1.38783	0.000499206	0.267186	-3.74271	0.18763	0.712899	-1.40272	0.000682463	0.284323	-3.51713	12.7438	11.8542	0.826837	1
cg24598106	0.263295	0.815126	-1.2268	0.00218	2.12465	2.12465	0.118233	0.742815	-1.34623	0.00581928	0.53097	-1.88335	12.6537	6.15734	0.432536	1
cg26118553	0.43348	0.759661	-1.31638	0.0010267	0.187604	-5.33038	0.00869926	0.316664	-3.15792	0.00864112	0.316184	-3.16272	11.8695	22.2355	1.66518	1
cg05961176	3.82E-05	0.288737	-3.46336	0.562589	1.09644	1.09644	0.0416317	0.691143	-1.44688	0.0198047	0.642426	-1.5566	9.83428	3.85263	0.348227	1
cg13022402	0.195248	0.680861	-1.46873	0.000862655	0.245708	-4.06987	0.619803	1.15066	1.15066	0.000154321	0.162122	-6.16821	8.40947	10.4866	1.10845	1
cg23214840	0.159044	0.458032	-2.18325	0.918035	0.948001	-1.05485	0.183543	0.480958	-2.07918	0.00462674	0.141628	-7.06075	7.10763	30.2938	3.78858	1
cg19459542	0.00048626	0.189556	-5.27549	0.328248	1.35924	1.35924	0.200366	1.50894	1.50894	0.232947	1.46289	1.46289	7.04648	10.3242	1.30236	1
cg14353278	0.195842	0.641287	-1.55936	0.587417	0.836999	-1.19475	0.236391	0.668337	-1.49625	0.000162217	0.123592	-8.09113	6.63212	11.0804	1.48508	1
cg25123895	0.49346	1.25339	1.25339	0.000681645	5.39552	5.39552	0.00242901	3.93835	3.93835	0.141897	1.67002	1.67002	6.08887	10.1701	1.48469	1
cg24309555	0.0415104	3.54317	3.54317	0.00145253	11.889	11.889	0.00630926	6.78235	6.78235	0.0298418	3.95746	3.95746	5.62273	25.7914	4.07732	1
cg16723488	0.0673973	4.55957	4.55957	0.000633607	48.7314	48.7314	0.00947064	11.4035	11.4035	0.0239493	7.34667	7.34667	5.24374	45.5147	7.7154	1
cg00673290	0.108852	6.18846	6.18846	0.00195477	96.0055	96.0055	0.00427665	53.7101	53.7101	0.0142287	23.382	23.382	4.93739	84.9545	15.2945	1
cg05337441	0.020294	6.34621	6.34621	0.254769	2.19296	2.19296	0.0056478	11.0056	11.0056	0.111951	3.13635	3.13635	4.56807	31.5519	6.13961	1
cg16306978	0.0646664	7.62278	7.62278	0.0033826	49.4307	49.4307	0.00649547	31.8951	31.8951	0.0474332	9.20375	9.20375	4.47185	67.8471	13.4863	1
cg03350299	0.0545475	4.98373	4.98373	0.0026553	21.3564	21.3564	0.00970027	11.1303	11.1303	0.0428132	5.56752	5.56752	4.39224	37.7271	7.6351	1
cg07636176	0.0557845	1.76359	1.76359	0.000656414	3.92302	3.92302	0.0308838	1.94175	1.94175	0.556491	1.16849	1.16849	4.33813	4.70925	0.964934	1
cg21319310	0.281215	0.723712	-1.38177	0.732135	1.10429	1.10429	0.0251241	0.463438	-2.15779	0.0039301	0.326165	-3.06594	4.32178	5.70571	1.17353	1
cg26112457	0.0899093	1.36562	1.36562	0.00220432	2.0449	2.0449	0.35993	0.854787	-1.16988	0.796822	1.04395	1.04395	3.99397	1.75774	0.391199	1
cg25035485	0.128048	4.48109	4.48109	0.00910483	20.5082	20.5082	0.0108568	18.4675	18.4675	0.0199375	12.9505	12.9505	3.78456	49.8158	11.7004	1
cg25071744	0.0663573	3.08717	3.08717	0.00410619	8.22873	8.22873	0.00809235	6.4012	6.4012	0.113734	2.56524	2.56524	3.76523	17.8711	4.21897	1
cg04639062	0.643587	1.12187	1.12187	0.374541	0.798547	-1.25227	0.949945	0.984625	-1.01562	0.599409	1.13976	1.13976	3.67971	3.55018	0.857597	1
cg23949611	0.0562221	0.255487	-3.9141	0.0387697	0.220851	-4.52794	0.0417994	0.227465	-4.39628	0.0330839	0.207514	-4.81895	3.53775	22.3162	5.60713	1
cg26865290	8.64E-08	0.367436	-2.72156	0.0757799	1.1189	1.1189	1.19E-06	0.489701	-2.04206	0.0273027	0.862037	-1.16004	57.8369	2.95979	0.0454887	1
cg14237301	0.331172	0.761588	-1.31305	0.00200656	3.26837	3.26837	0.402853	0.792516	-1.2618	0.22835	0.709331	-1.40978	11.5595	13.508	1.03872	1
cg08923160	0.061971	1.43976	1.43976	0.0112948	1.73368	1.73368	0.000223703	0.344673	-2.9013	0.175925	0.779148	-1.28345	8.74694	4.16628	0.423389	1
cg02567500	0.979851	1.0064	1.0064	0.13422	0.664945	-1.50388	0.015599	0.47275	-2.11528	0.127107	0.659102	-1.51722	7.78189	7.86786	0.898708	1
cg00359511	0.829208	0.939956	-1.06388	0.0113081	2.48247	2.48247	0.0117154	0.40548	-2.46621	0.64899	0.87691	-1.14037	7.01956	9.13412	1.15666	1
cg21566086	0.704017	0.903629	-1.10665	0.00409368	0.35961	-2.78079	0.0040843	0.359458	-2.78196	0.0812191	0.598566	-1.67066	6.30306	7.03672	0.992353	1
cg07337290	0.0278267	0.529324	-1.8892	0.212025	0.724928	-1.37945	0.102662	0.645994	-1.548	0.0894488	0.632421	-1.58123	5.1965	4.92784	0.842934	1
cg00228142	0.555012	1.18614	1.18614	0.0695674	1.78662	1.78662	0.635823	1.14613	1.14613	0.0970311	0.594077	-1.68328	5.01683	6.49514	1.15082	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04962026	APOB48R	0.0306182	0.782865	1.08514	1.08514	0.394778	0.772764	-1.29406	0.0406151	0.496971	-2.01219	0.934169	1.02473	1.02473	0.00694328	0.355907	-2.80973
cg03300649	APOB48R;CLN3	0.00138018	0.000268871	0.259666	-3.8511	0.29588	0.783094	-1.27699	0.0109021	0.486313	-2.05629	0.0008393	0.321986	-3.10573	0.00158375	0.359515	-2.78152
cg05366052	APOBEC1	4.65E-05	0.00129917	0.250872	-3.98609	0.00211395	0.27923	-3.58127	0.000255273	0.168964	-5.91843	0.000282746	0.173543	-5.76225	3.31E-05	0.0927359	-10.7833
cg26692016	APOBEC1	0.000962689	0.00779964	0.450662	-2.21896	0.261282	0.760806	-1.3144	0.00264345	0.37879	-2.63999	0.000143582	0.216773	-4.61313	0.0195671	0.517718	-1.93155
cg20597842	APOBEC1	0.00131261	0.0209756	0.334043	-2.99363	0.109467	0.502086	-1.99169	0.00184767	0.174596	-5.7275	0.0019515	0.177394	-5.63718	0.000429789	0.110839	-9.02209
cg16879115	APOBEC1	0.00203582	0.438822	1.33053	1.33053	0.807995	1.09204	1.09204	0.000791524	0.159812	-6.25736	0.410505	1.35578	1.35578	0.016566	0.346973	-2.88207
cg11304383	APOBEC1	0.00434523	0.00526953	0.155575	-6.42777	0.000741948	0.0749748	-13.3378	0.00827984	0.181316	-5.51524	0.445678	0.674905	-1.48169	0.000926678	0.0819699	-12.1996
cg17187764	APOBEC1	0.0320377	0.0249631	0.157792	-6.33747	0.0679664	0.242953	-4.11602	0.0735129	0.251318	-3.97902	0.0947213	0.280517	-3.56485	0.00999759	0.105289	-9.49765
cg20172737	APOBEC2	0.00062853	0.333231	1.26243	1.26243	0.00149992	0.343569	-2.91062	0.383872	0.811827	-1.23179	0.00111644	0.325997	-3.06751	0.445696	1.19901	1.19901
cg12253732	APOBEC2	0.00342028	0.476858	0.83286	-1.20068	0.0926081	0.626283	-1.59672	0.0587759	0.582902	-1.71556	0.603212	0.875821	-1.14179	7.00E-05	0.159536	-6.26819
cg10567498	APOBEC2	0.0132152	0.467187	0.85464	-1.17008	0.00152541	0.379525	-2.63488	0.000976356	0.352971	-2.83309	0.1091	0.690069	-1.44913	0.154128	0.723319	-1.38252
cg01397001	APOBEC3A	0.000274411	0.00432353	0.599591	-1.6678	2.16E-05	0.317926	-3.14538	0.00011387	0.403165	-2.48038	0.180386	0.826334	-1.21016	0.00163683	0.54615	-1.831
cg02587894	APOBEC3A	0.000611822	0.0187759	0.60351	-1.65697	0.00085587	0.411362	-2.43095	1.92E-05	0.214518	-4.66161	0.0541919	0.678725	-1.47335	0.0146493	0.586829	-1.70407
cg18746774	APOBEC3A	0.00187843	0.873715	1.02106	1.02106	0.00543777	0.619216	-1.61495	0.000382428	0.475618	-2.10253	0.309883	0.871356	-1.14764	0.291614	0.866408	-1.15419
cg24360617	APOBEC3A	0.0025508	0.0443426	0.461749	-2.16568	0.000506533	0.162351	-6.1595	0.00149833	0.216267	-4.62391	0.000971832	0.193544	-5.16679	0.00462192	0.283423	-3.52829
cg22954818	APOBEC3A	0.0211454	0.364218	0.613822	-1.62914	0.0465281	0.303225	-3.29788	0.00413976	0.133687	-7.48014	0.0443552	0.298548	-3.34955	0.00563627	0.149313	-6.69734
cg27504369	APOBEC3A;APOBEC3A	0.00141552	0.10063	0.70401	-1.42043	0.000384936	0.331012	-3.02104	0.00234986	0.436738	-2.2897	0.0181556	0.571309	-1.75037	0.00185972	0.422413	-2.36735
cg21345826	APOBEC3A;APOBEC3A	0.00324458	0.1794	0.70263	-1.42323	0.487548	1.19071	1.19071	0.00521115	0.401601	-2.49003	0.0926435	0.632581	-1.58082	7.09E-05	0.16645	-6.00779
cg01089751	APOBEC3B;APOBEC3B	0.0224419	0.0184519	0.246646	-4.05439	0.02226	0.261385	-3.82577	0.0180824	0.245101	-4.07995	0.0899946	0.400455	-2.49716	0.0651609	0.362777	-2.75651
cg10316474	APOBEC3C	0.0138069	0.00364578	0.177337	-5.63898	0.00609608	0.207076	-4.82915	0.124766	0.481469	-2.07698	0.0202463	0.291903	-3.4258	0.0130709	0.258202	-3.87294
cg11413071	APOBEC3C	0.0338361	0.0797179	0.754218	-1.32588	0.37172	1.14228	1.14228	0.233797	0.834391	-1.19848	0.109095	0.776128	-1.28845	0.00133664	0.508469	-1.96669
cg07186138	APOBEC3C	0.0385458	0.00333625	0.256298	-3.90171	0.0503809	0.467633	-2.13843	0.0150531	0.361226	-2.76835	0.384784	0.738105	-1.35482	0.0826238	0.519394	-1.92532
cg02038910	APOBEC3D	0.0103453	0.996802	0.998988	-1.00101	0.0483155	1.76819	1.76819	0.0512236	0.570757	-1.75206	0.102614	0.636889	-1.57013	0.00115814	0.299526	-3.33861
cg26530502	APOBEC3D	0.0152721	0.0173344	0.727541	-1.37449	0.770319	1.03265	1.03265	0.000928232	0.581173	-1.72066	0.392994	0.908423	-1.10081	0.00381303	0.651666	-1.53453
cg17385662	APOBEC3F;APOBEC3F	0.0062555	0.00126652	0.40421	-2.47396	0.00515813	2.03646	2.03646	0.773833	0.946029	-1.05705	0.966366	0.991913	-1.00815	0.828651	1.04262	1.04262
cg10191799	APOBEC3F;APOBEC3F	0.0115994	0.0474486	0.575487	-1.73766	0.00124607	3.15581	3.15581	0.069004	1.64184	1.64184	0.20206	1.38849	1.38849	0.870781	0.961108	-1.04047
cg17035591	APOBEC3F;APOBEC3F	0.0304303	0.0932144	0.74137	-1.34885	0.0289559	1.51783	1.51783	0.200607	0.803265	-1.24492	0.371741	0.861895	-1.16023	0.721959	0.943742	-1.05961
cg07963345	APOBEC3F;APOBEC3F;APOBEC3F;APOBEC3F	0.034612	0.980982	1.00984	1.00984	0.21743	0.58672	-1.70439	0.00991238	0.262182	-3.81415	0.00372319	0.199891	-5.00272	0.20135	0.574382	-1.741
cg13256546	APOBEC3G	0.00733725	0.389363	1.26334	1.26334	0.0352602	1.94097	1.94097	0.014414	0.438959	-2.27812	0.0357871	0.516545	-1.93594	0.0347392	0.513865	-1.94604
cg24519526	APOBEC3G	0.0202313	0.742805	0.903228	-1.10714	0.000882813	0.214269	-4.66702	0.00911005	0.35912	-2.78458	0.888622	1.04426	1.04426	0.80016	1.08156	1.08156
cg26082280	APOBEC3G	0.0260115	0.112741	0.717288	-1.39414	0.0253628	0.599568	-1.66787	0.0169182	0.570785	-1.75197	0.0680579	0.674836	-1.48184	0.00391892	0.473676	-2.11115
cg06398754	APOBEC3G	0.0477579	0.00907278	0.193304	-5.1732	0.0504733	0.331247	-3.0189	0.0331356	0.290969	-3.43679	0.379781	0.63982	-1.56294	0.0144863	0.224668	-4.45101
cg22902400	APOBEC3G;APOBEC3G	0.00026938	0.487423	1.23569	1.23569	0.348497	0.748622	-1.33579	0.000730605	0.214347	-4.66533	0.000241371	0.161723	-6.18342	0.0235034	0.444152	-2.25148
cg23896816	APOBEC3G;APOBEC3G	0.00420854	0.677963	0.874394	-1.14365	0.202415	0.648827	-1.54124	0.00854839	0.340129	-2.94006	0.000692488	0.189328	-5.28184	0.0445454	0.476408	-2.09904
cg03582215	APOBEC3H;APOBEC3H;APOBEC3H	0.00141859	4.48E-05	0.244994	-4.08174	0.480404	0.87758	-1.1395	0.0226777	0.608562	-1.64322	0.718992	0.936339	-1.06799	0.000419504	0.361304	-2.76775
cg24424889	APOBEC3H;APOBEC3H;APOBEC3H;APOBEC3H	0.00146328	0.0142138	0.702433	-1.42362	0.0115712	0.691643	-1.44583	3.50E-05	0.393082	-2.544	0.0891578	0.8034	-1.24471	0.00120157	0.574642	-1.74021
cg09135399	APOBEC3H;APOBEC3H;APOBEC3H;APOBEC3H	0.0143493	0.00266637	0.44171	-2.26393	0.328716	0.82013	-1.21932	0.0117982	0.538716	-1.85627	0.954857	0.988926	-1.0112	0.610083	1.10646	1.10646
cg24515575	APOBEC3H;APOBEC3H;APOBEC3H;APOBEC3H	0.0150786	0.536762	1.18317	1.18317	0.106568	1.60613	1.60613	0.0375263	0.522605	-1.91349	0.0494848	0.547319	-1.82709	0.0945331	0.61008	-1.63913
cg17972162	APOBEC3H;APOBEC3H;APOBEC3H;APOBEC3H	0.0190087	0.0160714	0.202849	-4.92977	0.0263106	0.240094	-4.16503	0.00652484	0.147503	-6.77954	0.351503	0.595	-1.68067	0.00407666	0.124007	-8.06409
cg18696237	APOBEC3H;APOBEC3H;APOBEC3H;APOBEC3H	0.0192244	0.00457183	0.156585	-6.38631	0.0426138	0.317823	-3.1464	0.114754	0.430749	-2.32154	0.390826	0.649367	-1.53996	0.00539491	0.165524	-6.04141
cg06229674	APOBEC3H;APOBEC3H;APOBEC3H;APOBEC3H	0.0213971	0.0607994	0.808226	-1.23728	0.15295	1.16671	1.16671	0.188859	0.869157	-1.15054	0.242372	1.13117	1.13117	0.287303	0.894673	-1.11773
cg24795932	APOC1	0.00142512	0.00752616	0.466114	-2.1454	0.00397965	0.423462	-2.36149	0.00332411	0.411804	-2.42834	0.0337785	0.576863	-1.73351	5.30E-05	0.187312	-5.33868
cg23270113	APOC1	0.00412408	0.0562998	0.555204	-1.80114	0.00108971	3.7139	3.7139	0.571413	1.16849	1.16849	0.00310629	3.00811	3.00811	0.213824	0.70023	-1.4281
cg00397545	APOC1	0.0470363	0.0198116	0.391947	-2.55136	0.146009	1.68135	1.68135	0.526105	0.807456	-1.23846	0.829473	1.07445	1.07445	0.061738	0.496342	-2.01474
cg08121984	APOC1P1;APOC1P1;APOC1P1	0.000574209	0.252839	0.786384	-1.27164	0.00301168	0.44116	-2.26675	0.000173287	0.277245	-3.60691	0.00640101	0.489798	-2.04166	6.43E-05	0.228092	-4.3842
cg23184690	APOC1P1;APOC1P1;APOC1P1	0.00346083	0.401332	0.858837	-1.16437	0.014932	0.588459	-1.69935	0.00274504	0.480842	-2.07969	0.00475216	0.514673	-1.94298	0.0126777	0.577603	-1.73129
cg00587465	APOC1P1;APOC1P1;APOC1P1	0.0420561	0.629667	1.08737	1.08737	0.00648363	0.543323	-1.84053	0.00858399	0.561075	-1.78229	0.471586	0.881405	-1.13455	0.832177	1.03726	1.03726
cg27436184	APOC2	0.0318485	0.339131	0.795188	-1.25757	0.0416151	0.579028	-1.72703	0.00847713	0.457632	-2.18516	0.500946	0.853087	-1.17221	0.00159941	0.348822	-2.86679
cg20090143	APOC2	0.0367592	0.705069	0.884929	-1.13003	0.0159509	0.387237	-2.5824	0.251511	0.680349	-1.46983	0.0870056	0.544657	-1.83602	0.0100061	0.351542	-2.84461
cg09555818	APOC2;APOC2	0.0491307	0.129105	0.361388	-2.76711	0.0053456	0.102576	-9.74884	0.0940301	0.318969	-3.1351	0.893903	0.920523	-1.08634	0.014125	0.152636	-6.55155
cg14723423	APOC2;APOC4	3.73E-05	2.90E-05	0.151925	-6.58217	7.46E-05	0.191582	-5.2197	0.00879644	0.464721	-2.15183	0.865808	1.03961	1.03961	2.91E-06	0.0767826	-13.0238
cg08985259	APOC3	7.62E-06	0.708103	0.963941	-1.03741	0.000173984	1.86304	1.86304	9.49E-05	0.507201	-1.9716	0.0940965	1.1969	1.1969	3.39E-05	0.456557	-2.19031
cg04048249	APOC3	0.0177681	0.105544	0.809462	-1.23539	0.0564834	0.772487	-1.29452	0.00266233	0.608523	-1.64332	0.213442	0.855029	-1.16955	0.00964465	0.675968	-1.47936
cg20386255	APOC3	0.0220203	0.02534	0.522338	-1.91447	0.0923961	0.636051	-1.5722	0.0130698	0.471379	-2.12143	0.0686016	1.6454	1.6454	0.908723	1.02841	1.02841
cg06976260	APOC3	0.0333815	0.198138	0.546853	-1.82865	0.447143	1.41035	1.41035	0.54672	0.762876	-1.31083	0.008179	0.222725	-4.48984	0.00238952	0.152832	-6.54311
cg25017250	APOC4	0.000235334	0.00452405	0.453952	-2.20288	0.0149136	0.535259	-1.86825	0.0215375	0.561973	-1.77944	0.000271152	0.287567	-3.47744	2.07E-05	0.16633	-6.01214
cg04347059	APOC4	0.000864047	0.0509821	0.696005	-1.43677	0.497116	0.893696	-1.11895	0.00022631	0.368028	-2.71718	0.000142398	0.343212	-2.91365	0.0148435	0.613504	-1.62998
cg02912790	APOC4	0.00140892	0.0735748	0.740699	-1.35008	0.389464	0.875725	-1.14191	0.000508626	0.441703	-2.26396	0.000157329	0.377973	-2.64569	0.000579015	0.448878	-2.22778
cg08656316	APOC4	0.00226456	0.00221233	0.220633	-4.53242	0.572256	1.22274	1.22274	0.128014	0.560006	-1.7857	0.306733	0.688751	-1.4519	0.722394	0.881879	-1.13394
cg06736138	APOC4	0.0257672	0.0138663	0.206788	-4.83586	0.0531103	0.320105	-3.12398	0.0259086	0.253915	-3.93833	0.0266678	0.256307	-3.90157	0.0160017	0.216848	-4.61152
cg27353824	APOC4;APOC4	0.031983	0.0329563	0.507539	-1.97029	0.150429	0.657629	-1.52061	0.0177659	0.456695	-2.18965	0.124012	0.63577	-1.5729	0.00324688	0.33573	-2.97859
cg04351793	APOD	0.000317819	0.0663938	0.607859	-1.64512	0.098689	0.645447	-1.54931	0.00535809	0.411977	-2.42732	0.0697577	0.612401	-1.63292	0.000815167	0.295126	-3.38839
cg16471933	APOE	0.000606007	0.000494485	0.458294	-2.18201	0.000998735	0.496993	-2.0121	0.00388217	0.573289	-1.74432	0.982022	0.996782	-1.00323	0.0802586	0.757591	-1.31997
cg08955609	APOE	0.00351583	0.10906	0.728243	-1.37317	7.86E-05	3.65442	3.65442	0.431469	1.15685	1.15685	0.681692	1.07771	1.07771	0.145273	1.32819	1.32819
cg01032398	APOE	0.0038066	0.000222155	0.125612	-7.961	0.0329427	0.430994	-2.32022	0.336688	0.715887	-1.39687	0.997097	0.998773	-1.00123	0.000546443	0.163286	-6.12422
cg04406254	APOE	0.00974198	0.000910058	0.29011	-3.44696	0.245452	0.738529	-1.35404	0.98598	0.995626	-1.00439	0.0179093	2.05005	2.05005	0.0167762	0.482764	-2.07141
cg14123992	APOE	0.0140554	0.00188033	0.189939	-5.26484	0.0256776	0.368358	-2.71475	0.00414662	0.234962	-4.25601	0.471571	1.31782	1.31782	0.0346832	0.395365	-2.52931
cg06750524	APOE	0.0489598	0.0191679	2.45514	2.45514	0.0639798	1.93432	1.93432	0.672669	1.14416	1.14416	0.0523633	2.01217	2.01217	0.247373	0.681619	-1.46709
cg23373888	APOF	0.00139425	0.00187096	0.242003	-4.13219	0.00260424	0.261464	-3.82462	0.188977	0.639167	-1.56454	0.00579929	0.312759	-3.19735	0.000613195	0.183232	-5.45756
cg04225197	APOF	0.00452331	0.295449	1.61958	1.61958	0.000388794	0.080954	-12.3527	0.0781968	0.419122	-2.38594	0.242012	0.580307	-1.72323	0.0283489	0.316576	-3.1588
cg19276318	APOF	0.0286946	0.661761	1.17894	1.17894	0.506741	0.777332	-1.28645	0.178382	0.585858	-1.7069	0.0591151	0.450735	-2.2186	0.00458727	0.243877	-4.10042
cg16481618	APOH	0.00260206	0.0170519	0.308433	-3.24219	0.000185861	0.0778978	-12.8373	0.00341127	0.200022	-4.99946	0.257477	0.620069	-1.61272	0.0079653	0.252653	-3.958
cg09732045	APOH	0.0358139	0.990714	1.00262	1.00262	0.863587	0.962069	-1.03943	0.0170934	0.520138	-1.92257	0.0374539	1.72107	1.72107	0.0109775	2.04959	2.04959
cg03211381	APOL1;APOL1;APOL1;APOL1	0.00320735	0.00886569	0.627616	-1.59333	0.0773232	0.75986	-1.31603	0.000512265	0.468335	-2.13522	0.0411708	1.39018	1.39018	0.00104571	0.507407	-1.9708
cg08775793	APOL1;APOL1;APOL1;APOL1	0.00475566	0.193055	0.841155	-1.18884	0.0249229	0.715231	-1.39815	0.125784	0.812174	-1.23126	0.751499	1.0407	1.0407	0.485822	1.09301	1.09301
cg11804381	APOL1;APOL1;APOL1;APOL1	0.034758	0.429333	0.876959	-1.1403	0.0877981	1.35885	1.35885	0.672986	1.07153	1.07153	0.164994	1.27257	1.27257	0.00911217	0.583239	-1.71456
cg22569353	APOL2;APOL2	0.000797984	0.108661	1.19752	1.19752	0.0247454	0.759279	-1.31704	0.755242	0.9683	-1.03274	0.00352384	1.50317	1.50317	0.988134	1.00153	1.00153
cg14550212	APOL2;APOL2	0.0159819	0.312737	0.853794	-1.17124	0.00811858	0.598684	-1.67033	0.116307	0.772335	-1.29478	0.0103814	1.63003	1.63003	0.52206	0.906451	-1.1032
cg06703343	APOL3;APOL3	0.00456131	0.0330457	0.603992	-1.65565	0.478685	0.864425	-1.15684	0.0886833	0.683944	-1.46211	0.0112879	0.526281	-1.90012	0.000166864	0.273393	-3.65773
cg01949403	APOL3;APOL3	0.0153657	0.00277235	0.458112	-2.18287	0.874551	1.03034	1.03034	0.197083	1.29434	1.29434	0.284015	0.810121	-1.23438	0.00161184	0.425053	-2.35265
cg15245051	APOL3;APOL3	0.0193027	0.106859	0.475028	-2.10514	0.225145	0.583513	-1.71376	0.0465911	0.381507	-2.62119	0.0055912	0.214686	-4.65797	0.00306999	0.180133	-5.55146
cg07707056	APOL3;APOL3	0.0272662	0.301907	0.914795	-1.09314	0.244794	0.903653	-1.10662	0.551936	0.951124	-1.05139	0.0410738	1.21686	1.21686	0.537769	1.05332	1.05332
cg00965578	APOL3;APOL3;APOL3;APOL3	0.00498736	0.530162	0.852989	-1.17235	0.63682	1.12628	1.12628	0.00646886	0.41262	-2.42354	0.044944	0.562477	-1.77785	0.000281538	0.226629	-4.41249
cg11835355	APOL3;APOL3;APOL3;APOL3	0.00602279	0.0079085	0.431054	-2.3199	0.843225	0.952261	-1.05013	0.202322	0.717099	-1.39451	0.00508903	0.400646	-2.49597	0.000681803	0.277433	-3.60447
cg01557221	APOL3;APOL3;APOL3;APOL3;APOL3;APOL3	0.00370739	0.334145	0.801413	-1.2478	0.483727	0.853702	-1.17137	0.00672423	0.457924	-2.18377	0.321896	0.796582	-1.25536	7.08E-05	0.199775	-5.00562
cg24865017	APOL3;APOL3;APOL3;APOL3;APOL3;APOL3	0.0185938	0.928282	1.01354	1.01354	0.579001	0.919666	-1.08735	0.00422183	1.77251	1.77251	0.10924	0.770318	-1.29816	0.168402	1.24522	1.24522
cg12907959	APOL3;APOL3;APOL3;APOL3;APOL3;APOL3	0.0186611	0.609722	0.780213	-1.2817	0.737479	1.17606	1.17606	0.0078384	0.193015	-5.18095	0.649684	0.802171	-1.24662	0.00824183	0.196129	-5.09869
cg23889684	APOL3;APOL3;APOL3;APOL3;APOL3;APOL3	0.0195065	0.000931581	0.0943734	-10.5962	0.259875	0.570406	-1.75314	0.0269928	0.286235	-3.49363	0.0261104	0.283403	-3.52854	0.612013	0.783235	-1.27676
cg03277496	APOL4;APOL4	0.0181708	0.436804	0.790005	-1.26582	0.130407	0.615452	-1.62482	0.00119049	0.243689	-4.10359	0.29257	0.722912	-1.38329	0.00245032	0.285821	-3.4987
cg11420782	APOL4;APOL4	0.0286096	0.00656835	0.281274	-3.55526	0.38959	0.728479	-1.37272	0.428645	0.748008	-1.33688	0.0842059	0.503363	-1.98664	0.0430156	0.433154	-2.30865
cg04607235	APOLD1	0.000371183	0.0231173	0.531843	-1.88025	0.871521	1.03834	1.03834	0.0280141	1.82833	1.82833	0.278314	1.29961	1.29961	0.0399181	0.575738	-1.7369
cg27423445	APOLD1	0.00156684	0.00334469	0.220466	-4.53584	0.0431515	0.414392	-2.41317	0.00176088	0.18501	-5.40511	0.00438906	0.236836	-4.22233	0.00080671	0.147459	-6.78156
cg27649522	APOLD1	0.00172019	0.0384029	0.821628	-1.2171	0.00863571	1.3155	1.3155	0.0574946	1.19237	1.19237	0.168966	0.886899	-1.12752	0.281595	1.09598	1.09598
cg25165382	APOLD1	0.00173346	0.420861	0.907221	-1.10227	0.796226	1.03112	1.03112	0.000564517	0.531109	-1.88285	0.946086	0.992024	-1.00804	0.489231	1.08674	1.08674
cg23172877	APOLD1	0.0107967	0.502237	1.04587	1.04587	0.00665409	1.26103	1.26103	0.00190698	1.33591	1.33591	0.250943	0.924035	-1.08221	0.247315	1.08293	1.08293
cg09462578	APOLD1	0.0110234	0.13298	0.736829	-1.35717	0.926364	0.982735	-1.01757	0.767085	1.05756	1.05756	0.0170442	0.578094	-1.72982	0.00249743	2.20666	2.20666
cg10048215	APOLD1;APOLD1	0.0178022	0.170744	1.77615	1.77615	0.00216379	5.44817	5.44817	0.809558	1.09975	1.09975	0.216596	1.66869	1.66869	0.110642	1.98294	1.98294
cg18610448	APOLD1;APOLD1	0.0262739	0.459488	0.836696	-1.19518	0.00940631	2.18011	2.18011	0.174076	1.4082	1.4082	0.105405	0.657836	-1.52014	0.460804	1.19453	1.19453
cg24022559	APOLD1;APOLD1	0.0280216	0.920501	1.02849	1.02849	0.00209003	0.295724	-3.38153	0.247039	0.711373	-1.40573	0.293667	1.35864	1.35864	0.237949	0.70623	-1.41597
cg17634401	APOM	2.79E-07	5.77E-08	0.124078	-8.05946	2.92E-05	0.397552	-2.51539	0.00109769	0.581749	-1.71896	0.739599	1.03825	1.03825	1.73E-08	0.0878896	-11.3779
cg25455724	APOM	7.17E-05	0.000762036	0.318615	-3.13859	0.000749648	0.317679	-3.14783	0.000589377	0.304097	-3.28842	0.499813	1.16602	1.16602	0.000632471	0.308053	-3.2462
cg05861743	APOM	8.19E-05	0.289584	0.717236	-1.39424	0.110365	1.69227	1.69227	0.258707	1.42803	1.42803	0.206564	1.49599	1.49599	4.03E-06	0.0393087	-25.4396
cg06241300	APOM	0.000186136	0.000148201	0.119244	-8.38619	0.152501	1.6482	1.6482	0.00196266	0.240055	-4.16572	0.00281387	0.261348	-3.82632	0.000343482	0.152722	-6.54783
cg25669504	APOM	0.000366087	0.374988	0.89221	-1.12081	0.161642	0.829273	-1.20588	0.971546	0.995542	-1.00448	0.871209	1.02053	1.02053	6.71E-06	0.285697	-3.50021
cg23025244	APOM	0.00222951	0.253431	0.805623	-1.24128	0.0186475	0.596448	-1.67659	0.0333314	0.63718	-1.56941	0.950768	1.01125	1.01125	0.298423	0.822574	-1.2157
cg06495310	APOM	0.0122085	0.916096	0.968862	-1.03214	0.476402	0.804646	-1.24278	0.465757	0.800261	-1.24959	0.472688	1.24514	1.24514	0.402345	0.77316	-1.29339
cg23770142	APOM	0.015031	0.17835	0.776522	-1.28779	0.0366668	0.650892	-1.53635	0.112873	1.35694	1.35694	0.828726	1.03906	1.03906	0.000845717	0.411665	-2.42916
cg18440824	APOO;APOO	0.00224514	0.00338552	0.17125	-5.83943	0.031043	0.325926	-3.06818	0.017225	0.276597	-3.61537	0.0529385	0.377525	-2.64883	0.00118406	0.12172	-8.21561
cg03267787	APOOL	0.00713395	0.985494	0.997079	-1.00293	0.368188	1.16034	1.16034	0.062014	0.713145	-1.40224	0.00111566	0.461868	-2.16512	0.00234782	0.505069	-1.97993
cg05563347	APOOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13169373	APP;APP;APP;APP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13125364	APP;APP;APP;APP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11321156	APP;APP;APP;APP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03779431	APP;APP;APP;APP;APP;APP;APP;APP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00049973	APPBP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16614940	APPBP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09404312	APPBP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14623313	APPBP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17520256	APPBP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26298942	APPBP2;APPBP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02545811	APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05963604	APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23029041	APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17216904	APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12410154	APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15084015	APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13494191	APPL1;APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23651146	APPL1;APPL1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19759923	APPL2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21605781	APPL2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04962026	0.0319248	0.475429	-2.10336	0.0288732	0.466693	-2.14274	0.0296883	0.469099	-2.13175	0.015809	0.417087	-2.39758	4.0573	5.62095	1.23146	1
cg03300649	0.0473066	0.599343	-1.66849	0.000776145	0.317499	-3.14962	0.78794	1.0627	1.0627	0.0648207	0.626394	-1.59644	10.7334	8.64962	0.716323	1
cg05366052	0.00241474	0.287303	-3.48064	5.38E-06	0.0478083	-20.9169	8.56E-05	0.124593	-8.02611	0.000428517	0.192943	-5.18289	27.1385	37.4507	1.22665	1
cg26692016	0.0246798	0.535688	-1.86676	0.000215436	0.236643	-4.22577	0.00106149	0.323236	-3.09371	0.139541	0.690028	-1.44922	11.894	10.2574	0.766577	1
cg20597842	0.00157174	0.166502	-6.00593	0.00129641	0.157214	-6.36075	0.00116455	0.152202	-6.57021	0.0215445	0.336276	-2.97375	10.8889	26.8809	2.19435	1
cg16879115	0.0333213	0.406754	-2.45849	0.00573261	0.26987	-3.70548	0.000259917	0.113873	-8.78175	0.0428011	0.430317	-2.32387	9.59214	19.87	1.84132	1
cg11304383	0.011968	0.204787	-4.88313	0.0343894	0.287064	-3.48354	0.160726	0.468706	-2.13354	0.045155	0.312728	-3.19767	7.65854	31.0267	3.60112	1
cg17187764	0.019631	0.142101	-7.03724	0.00836001	0.0970703	-10.3018	0.0591814	0.228896	-4.3688	0.0474371	0.208133	-4.80462	3.9922	30.2892	6.74408	1
cg20172737	0.188986	1.38391	1.38391	0.0162004	1.98708	1.98708	0.661466	0.902238	-1.10836	7.00E-05	0.183668	-5.44461	13.4089	11.5763	0.767407	1
cg12253732	0.789362	0.934541	-1.07004	0.0023531	0.341956	-2.92435	0.975017	1.00795	1.00795	0.283965	0.754689	-1.32505	8.23033	8.33361	0.900044	1
cg10567498	0.16703	0.731425	-1.36719	0.0634333	0.642018	-1.55759	0.726021	1.07756	1.07756	0.273519	0.785108	-1.27371	5.40108	3.85589	0.634587	1
cg01397001	0.000742528	0.503184	-1.98734	0.829398	0.971478	-1.02936	0.020923	0.688909	-1.45157	0.00445069	0.601199	-1.66334	16.8561	4.80075	0.253163	1
cg02587894	0.00146794	0.442883	-2.25793	0.0190726	0.604573	-1.65406	0.00473534	0.514061	-1.94529	0.365487	0.84797	-1.17929	13.5101	6.7306	0.442834	1
cg18746774	0.0408993	1.3624	1.3624	0.0139321	1.48893	1.48893	0.0031105	0.588606	-1.69893	0.495759	1.09487	1.09487	9.81945	2.67074	0.241764	1
cg24360617	0.0437388	0.460435	-2.17186	0.00411132	0.275872	-3.62486	0.0651304	0.500162	-1.99935	0.141672	0.589375	-1.69671	8.9787	15.9179	1.57587	1
cg22954818	0.26402	0.543673	-1.83934	0.0177228	0.221015	-4.52457	0.0141802	0.205153	-4.87441	0.0741424	0.352881	-2.83381	4.61613	20.0302	3.85703	1
cg27504369	0.00688083	0.505173	-1.97952	0.190134	1.31101	1.31101	0.00120776	0.396491	-2.52212	0.0108704	0.535761	-1.8665	10.6557	6.42745	0.53617	1
cg21345826	0.107402	0.647354	-1.54475	0.250826	0.743089	-1.34573	0.32863	1.28341	1.28341	0.541782	0.858262	-1.16514	8.36091	8.10978	0.862189	1
cg01089751	0.004015	0.150609	-6.6397	0.0154376	0.233312	-4.28611	0.528559	0.731484	-1.36708	0.0302513	0.28719	-3.48202	4.52295	17.1798	3.37633	1
cg10316474	0.131857	0.489028	-2.04487	0.0061397	0.207514	-4.81896	0.0532793	0.380724	-2.62658	0.0277421	0.318453	-3.14018	5.32412	16.3116	2.7233	1
cg11413071	0.0577721	0.732587	-1.36502	0.088585	0.761482	-1.31323	0.168505	0.80829	-1.23718	0.175221	0.811308	-1.23258	3.91465	1.30437	0.296181	1
cg07186138	0.515569	0.798776	-1.25192	0.134246	0.576758	-1.73383	0.0616287	0.488016	-2.04911	0.0294224	0.417241	-2.3967	3.73359	6.86725	1.63495	1
cg02038910	0.118238	1.53488	1.53488	0.125074	0.65745	-1.52103	0.43559	0.817968	-1.22254	0.0198956	0.491654	-2.03395	5.84671	5.90855	0.898292	1
cg26530502	0.832767	0.977059	-1.02348	0.269893	0.881525	-1.1344	0.140271	0.840173	-1.19023	0.237587	0.873019	-1.14545	5.14996	0.982624	0.169602	1
cg17385662	0.0486664	1.54284	1.54284	0.036106	0.625413	-1.59894	0.327971	0.823297	-1.21463	0.0434755	0.639473	-1.56379	6.85029	4.02303	0.522025	1
cg10191799	0.00952704	2.22592	2.22592	0.559014	1.15486	1.15486	0.997868	0.999349	-1.00065	0.179221	0.706341	-1.41575	5.63515	5.29906	0.835874	1
cg17035591	0.886384	1.02344	1.02344	0.180486	1.25918	1.25918	0.00842988	0.579727	-1.72495	0.0260501	0.651809	-1.53419	4.0662	1.69127	0.369719	1
cg07963345	0.317637	0.654122	-1.52877	0.0817231	0.452613	-2.20939	0.0130911	0.282351	-3.54169	0.115757	0.49534	-2.01882	3.88275	10.3832	2.37706	1
cg13256546	0.0517117	1.8159	1.8159	0.0907141	0.606817	-1.64794	0.00724186	0.385445	-2.5944	0.00833207	0.396024	-2.5251	7.47742	8.08067	0.840526	1
cg24519526	0.438	0.783072	-1.27702	0.155814	1.59899	1.59899	0.838293	0.938792	-1.0652	0.978846	0.991838	-1.00823	4.68621	7.09095	1.34502	1
cg26082280	0.927271	0.982582	-1.01773	0.143507	1.35329	1.35329	0.386208	0.84285	-1.18645	0.761617	1.06031	1.06031	4.29741	2.52123	0.521498	1
cg06398754	0.149037	0.464421	-2.15322	0.0307803	0.284414	-3.51601	0.186737	0.499731	-2.00108	0.0543203	0.338821	-2.95141	3.44755	13.4134	3.45842	1
cg22902400	0.0263493	0.453809	-2.20357	0.00390789	0.311873	-3.20643	4.69E-05	0.0999934	-10.0007	0.000131567	0.136659	-7.31748	16.9414	24.1421	1.2667	1
cg23896816	0.0929257	0.552008	-1.81157	0.0206873	0.408394	-2.44861	0.0012489	0.219705	-4.55155	0.00225283	0.253019	-3.95227	7.73295	12.6539	1.45454	1
cg03582215	0.138554	0.748046	-1.33682	0.820354	1.04228	1.04228	0.215578	0.788767	-1.2678	0.0674244	0.688623	-1.45217	10.6491	5.58973	0.466578	1
cg24424889	0.0923346	0.805467	-1.24152	0.403521	0.904999	-1.10497	0.0957887	0.807644	-1.23817	0.0221867	0.726016	-1.37738	10.5546	2.27944	0.19197	1
cg09135399	0.046382	1.56646	1.56646	0.906237	0.977089	-1.02345	0.352973	1.20683	1.20683	0.015903	0.559428	-1.78754	5.25708	3.22152	0.544709	1
cg24515575	0.0607068	0.566328	-1.76576	0.0077876	0.399031	-2.50607	0.00305207	0.335844	-2.97757	0.314835	0.756175	-1.32244	5.17175	5.92232	1.01789	1
cg17972162	0.0479472	0.293951	-3.40192	0.0168398	0.206143	-4.851	0.055709	0.309162	-3.23455	0.053791	0.30554	-3.27289	4.78632	22.2261	4.12772	1
cg18696237	0.311183	0.59779	-1.67283	0.00899369	0.195718	-5.10939	0.0114182	0.211275	-4.73316	0.0775587	0.381604	-2.62052	4.76809	18.2089	3.39459	1
cg06229674	0.139976	0.852172	-1.17347	0.61913	1.05178	1.05178	0.00132982	0.624926	-1.60019	0.0692476	0.814846	-1.22723	4.5975	0.738902	0.142861	1
cg24795932	0.158277	0.715513	-1.3976	0.289	1.2767	1.2767	0.0899775	0.660492	-1.51402	0.0428267	0.596072	-1.67765	10.6351	8.29677	0.693451	1
cg23270113	0.00538359	2.71172	2.71172	0.155923	0.661473	-1.51178	0.221004	1.41944	1.41944	0.754256	0.918062	-1.08925	7.78046	9.13306	1.04342	1
cg00397545	0.756522	1.10909	1.10909	0.00482529	0.288004	-3.47217	0.894073	1.04535	1.04535	0.661439	0.863545	-1.15802	3.46741	6.08681	1.56039	1
cg08121984	0.0127243	0.536384	-1.86434	0.00194813	0.414117	-2.41478	0.989875	0.99745	-1.00256	0.00477242	0.470569	-2.12509	13.7512	8.81692	0.569931	1
cg23184690	0.204711	0.788931	-1.26754	0.000203989	0.331896	-3.01299	0.0564537	0.682087	-1.46609	0.0152432	0.589836	-1.69539	8.20137	4.07652	0.441825	1
cg00587465	0.147737	1.307	1.307	0.163144	0.773673	-1.29254	0.144549	0.76325	-1.31019	0.745646	0.945435	-1.05771	3.61554	1.7017	0.418367	1
cg27436184	0.978844	0.993851	-1.00619	0.80854	1.05809	1.05809	0.402926	0.819467	-1.22031	0.270383	0.765718	-1.30596	4.00067	3.42823	0.761702	1
cg20090143	0.336202	1.37548	1.37548	0.0829802	1.85363	1.85363	0.648056	1.15922	1.15922	0.100438	0.560707	-1.78346	3.79889	6.21869	1.45509	1
cg09555818	0.417435	0.597922	-1.67246	0.0218556	0.181304	-5.5156	0.0871255	0.309623	-3.22973	0.269725	0.490025	-2.04071	3.41077	20.807	5.42256	1
cg14723423	0.22957	1.33587	1.33587	0.0673333	1.60142	1.60142	0.117627	0.676817	-1.47751	0.0162238	0.508983	-1.9647	28.7525	24.0259	0.742764	1
cg08985259	2.44E-06	0.327458	-3.05383	0.000287369	1.78237	1.78237	0.150562	1.16236	1.16236	0.00184782	0.649438	-1.53979	43.5239	6.57246	0.134229	1
cg04048249	0.486226	1.08826	1.08826	0.0482589	1.30973	1.30973	0.666692	0.949519	-1.05316	0.652056	0.947183	-1.05576	4.89642	1.10826	0.201191	1
cg20386255	0.204832	0.721205	-1.38657	0.043676	1.76214	1.76214	0.134582	1.48308	1.48308	0.218155	0.72873	-1.37225	4.5525	4.30309	0.84019	1
cg06976260	0.937994	0.966063	-1.03513	0.0516076	0.374134	-2.67284	0.775014	0.880582	-1.13561	0.21548	0.560711	-1.78345	3.93377	12.2694	2.77244	1
cg25017250	0.288302	0.79443	-1.25876	6.32E-05	0.214962	-4.65198	0.999014	0.999742	-1.00026	0.207884	0.757894	-1.31945	17.577	12.1318	0.613522	1
cg04347059	0.000656959	0.426978	-2.34204	0.00770336	0.572255	-1.74747	0.110946	0.753438	-1.32725	0.00263508	0.507339	-1.97107	12.2631	5.16169	0.374146	1
cg02912790	0.429125	1.12914	1.12914	0.467307	0.894677	-1.11772	0.264634	0.839503	-1.19118	0.0635065	0.73055	-1.36883	10.67	3.82622	0.318751	1
cg08656316	0.0150855	0.349091	-2.86458	5.19E-05	0.0694071	-14.4078	0.378636	0.727387	-1.37478	0.0900088	0.517643	-1.93183	9.29821	18.2862	1.74813	1
cg06736138	0.0421511	0.297157	-3.36522	0.00763491	0.169008	-5.91687	0.0255478	0.252761	-3.95631	0.283758	0.561445	-1.78112	4.31159	18.347	3.78248	1
cg27353824	0.165954	1.49437	1.49437	0.956797	1.01484	1.01484	0.654544	0.884738	-1.13028	0.42502	0.801304	-1.24797	3.99464	4.67748	1.04084	1
cg04351793	0.0104847	0.458913	-2.17906	7.29E-06	0.0914526	-10.9346	0.109359	1.52518	1.52518	0.0279735	0.533754	-1.87352	16.1922	14.9933	0.823072	1
cg16471933	0.00468771	0.584068	-1.71213	0.00188822	0.532519	-1.87787	0.0467546	1.38502	1.38502	0.000274137	0.426259	-2.34599	13.5462	4.39104	0.288136	1
cg08955609	0.381258	1.177	1.177	0.0375474	0.645397	-1.54943	0.620895	0.913499	-1.09469	0.450991	1.14955	1.14955	8.16277	4.25748	0.46362	1
cg01032398	0.0404895	0.450067	-2.22189	0.113897	0.55971	-1.78664	0.0968498	0.540667	-1.84957	0.0659726	0.498568	-2.00575	7.97051	14.3719	1.60278	1
cg04406254	0.54812	1.16372	1.16372	0.0420304	0.557365	-1.79416	0.624376	0.884151	-1.13103	0.771689	1.07529	1.07529	5.96019	5.87591	0.876319	1
cg14123992	0.586437	0.813015	-1.22999	0.0187786	0.341986	-2.92409	0.210272	0.608032	-1.64465	0.362627	0.702848	-1.42278	5.29302	11.9053	1.99933	1
cg06750524	0.653234	0.866479	-1.1541	0.0258462	2.31297	2.31297	0.243727	1.47186	1.47186	0.026346	2.3042	2.3042	3.41528	5.43225	1.41384	1
cg23373888	0.00485105	0.300785	-3.32464	0.00138332	0.225066	-4.44315	0.598798	0.843027	-1.1862	0.00076109	0.193814	-5.15957	10.7022	17.5333	1.45627	1
cg04225197	0.0093711	0.231271	-4.32394	0.00699944	0.212266	-4.71108	0.00704767	0.212698	-4.7015	0.0223514	0.296281	-3.37518	7.56585	23.6652	2.78036	1
cg19276318	0.0325002	0.39223	-2.54953	0.00586613	0.259636	-3.85155	0.146871	0.558678	-1.78994	0.0396576	0.410824	-2.43413	4.15174	9.1943	1.9685	1
cg16481618	0.0146364	0.296512	-3.37255	0.00745066	0.248167	-4.02955	0.00284384	0.18988	-5.26649	0.0506411	0.406278	-2.46137	8.9262	23.1226	2.30259	1
cg09732045	0.61654	0.892677	-1.12023	0.18298	0.727789	-1.37402	0.161311	0.714352	-1.39987	0.650883	1.10787	1.10787	3.83504	3.0712	0.711846	1
cg03211381	0.947771	0.990881	-1.0092	0.548209	1.08868	1.08868	0.516992	0.912219	-1.09623	0.537447	0.916382	-1.09125	8.38972	2.59851	0.275311	1
cg08775793	0.206151	1.1823	1.1823	0.000152331	2.26097	2.26097	0.564978	0.929549	-1.07579	0.617086	0.938659	-1.06535	7.45153	1.86115	0.222016	1
cg11804381	0.099401	0.745331	-1.34169	0.0167496	1.60828	1.60828	0.884044	0.976531	-1.02403	0.70607	0.940204	-1.0636	3.87685	1.62612	0.372839	1
cg22569353	0.000216942	0.52963	-1.88811	0.000384785	0.55787	-1.79253	0.135388	1.18033	1.18033	0.745739	0.967039	-1.03408	12.541	2.10773	0.149393	1
cg14550212	0.211273	1.22062	1.22062	0.0223439	1.51343	1.51343	0.143262	0.788116	-1.26885	0.387375	0.874488	-1.14353	5.0729	1.84098	0.322583	1
cg06703343	0.0380319	0.614774	-1.62661	0.0204855	0.56846	-1.75914	0.0165414	0.55308	-1.80806	0.00681677	0.492102	-2.0321	7.54666	4.89083	0.57607	1
cg01949403	0.572325	1.11399	1.11399	0.479999	1.1455	1.1455	0.309093	0.819423	-1.22037	0.304901	0.817904	-1.22264	5.13955	2.91365	0.503919	1
cg15245051	0.0371386	0.359443	-2.78208	0.0219137	0.312641	-3.19856	0.0435367	0.374774	-2.66827	0.0187061	0.2997	-3.33667	4.76153	13.4836	2.51713	1
cg07707056	0.0419871	1.21548	1.21548	0.00267685	1.41291	1.41291	0.6643	0.964294	-1.03703	0.0726138	1.1815	1.1815	4.22708	0.46417	0.0976076	1
cg00965578	0.299892	1.30816	1.30816	0.179496	1.42831	1.42831	0.217711	0.723079	-1.38297	0.0232542	0.507534	-1.97031	7.34427	7.27209	0.880153	1
cg11835355	0.119617	0.658899	-1.51768	0.115729	0.655483	-1.52559	0.00798042	0.431693	-2.31646	0.00434946	0.39013	-2.56325	6.93104	6.69915	0.859149	1
cg01557221	0.254377	1.30278	1.30278	0.82735	0.952616	-1.04974	0.621448	0.895278	-1.11697	0.0518626	0.611599	-1.63506	8.03399	6.28461	0.695336	1
cg24865017	0.344518	0.864604	-1.1566	0.00565356	1.7204	1.7204	0.252123	0.836314	-1.19572	0.10477	1.30331	1.30331	4.82212	1.70507	0.314306	1
cg12907959	0.601993	0.775953	-1.28874	0.00195936	0.121213	-8.24997	0.317532	1.64556	1.64556	0.505226	0.721863	-1.3853	4.81625	17.7265	3.2716	1
cg23889684	0.59824	0.775692	-1.28917	0.113718	0.439531	-2.27515	0.851991	0.914645	-1.09332	0.011782	0.222562	-4.49314	4.74462	17.1458	3.21221	1
cg03277496	0.0358904	0.484151	-2.06547	0.083188	0.565558	-1.76817	0.579761	0.846875	-1.18081	0.26961	0.710627	-1.40721	4.85966	6.79591	1.24305	1
cg11420782	0.0600175	0.466576	-2.14327	0.00722606	0.287791	-3.47475	0.41811	0.742819	-1.34622	0.00673903	0.283015	-3.53338	4.15609	8.49828	1.81758	1
cg04607235	8.74E-06	0.105998	-9.43417	?	?	?	0.858929	1.04223	1.04223	0.975908	0.993004	-1.00705	15.8988	12.0962	0.760823	1
cg27423445	0.00662192	0.263257	-3.79856	0.00100263	0.157332	-6.35598	0.00148393	0.176272	-5.67305	0.00548094	0.250855	-3.98637	10.3488	23.4996	2.01845	1
cg27649522	0.882571	1.01218	1.01218	0.000133454	0.581423	-1.71992	0.220944	0.899982	-1.11113	0.0303081	1.23188	1.23188	10.0733	1.07003	0.0944219	1
cg25165382	0.000118765	0.450551	-2.21951	0.00451781	0.638862	-1.56528	0.0437618	0.759992	-1.3158	0.945227	0.991897	-1.00817	10.0509	2.23182	0.19738	1
cg23172877	0.321311	0.934742	-1.06981	0.352496	0.938931	-1.06504	0.0427042	0.857567	-1.16609	0.198029	0.914294	-1.09374	5.76706	0.396199	0.061067	1
cg09462578	0.393355	0.848122	-1.17908	0.0250141	1.65266	1.65266	0.0502608	0.656727	-1.5227	0.170653	0.759657	-1.31638	5.7286	3.22051	0.499716	1
cg10048215	0.00356987	4.73294	4.73294	0.0854337	2.1144	2.1144	0.010798	3.52907	3.52907	0.0401639	2.54407	2.54407	4.89327	12.019	2.18332	1
cg18610448	0.0127864	0.480873	-2.07955	0.0803331	0.631764	-1.58287	0.294705	1.2934	1.2934	0.359765	1.2497	1.2497	4.28236	3.801	0.788973	1
cg24022559	0.242936	0.709067	-1.4103	0.232096	0.70285	-1.42278	0.219476	1.43809	1.43809	0.0449264	1.91086	1.91086	4.18665	5.24919	1.11448	1
cg17634401	0.000426024	0.533755	-1.87352	0.00301916	0.632866	-1.58011	0.255702	1.14285	1.14285	5.28E-06	0.312831	-3.19662	101.465	20.3501	0.178278	1
cg25455724	0.000308441	0.268937	-3.71834	9.47E-06	0.117448	-8.51441	0.562869	1.14016	1.14016	0.000107762	0.216315	-4.62289	24.1932	19.2662	0.707863	1
cg05861743	0.710155	1.11949	1.11949	5.35E-05	0.102398	-9.7658	0.99579	1.0016	1.0016	0.00202598	0.268183	-3.7288	23.3502	33.8066	1.28694	1
cg06241300	0.000379079	0.157005	-6.36922	3.82E-05	0.0761056	-13.1396	0.124724	0.581626	-1.71932	0.0147065	0.375645	-2.66209	18.7323	31.5412	1.4967	1
cg25669504	0.638725	0.94249	-1.06102	0.154038	1.21063	1.21063	0.0114768	1.48607	1.48607	0.0120684	0.675666	-1.48002	15.5756	3.87028	0.220874	1
cg23025244	0.750364	1.05955	1.05955	2.80E-05	0.224444	-4.45546	0.930829	1.01586	1.01586	0.422116	0.861916	-1.16021	9.34079	4.85809	0.462305	1
cg06495310	0.150872	0.629951	-1.58742	0.000215836	0.1567	-6.38162	0.120812	1.65701	1.65701	0.725035	0.899419	-1.11183	5.54241	7.90938	1.2685	1
cg23770142	0.389995	1.1686	1.1686	0.0645326	0.692611	-1.44381	0.26098	0.812727	-1.23042	0.0781027	0.707344	-1.41374	5.17716	2.56524	0.440437	1
cg18440824	0.0423681	0.355095	-2.81614	0.000282972	0.0722806	-13.835	0.00130518	0.125798	-7.94922	0.0262551	0.311157	-3.21381	9.3217	28.955	2.76106	1
cg03267787	0.380303	1.1558	1.1558	0.105296	1.3294	1.3294	0.25856	0.827242	-1.20884	0.241122	1.21826	1.21826	6.57611	2.69594	0.364409	1
cg05563347	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13169373	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13125364	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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cg19759923	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes

Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12170649	APPL2	0.0206256	0.359967	0.777007	-1.28699	0.018081	0.463147	-2.15914	0.00213743	0.314612	-3.17852	0.551006	1.17553	1.17553	0.296276	1.33686	1.33686
cg14127958	APPL2	0.0265207	0.000472313	0.373837	-2.67496	0.0924536	0.717667	-1.3934	0.47232	1.13993	1.13993	0.166336	0.767665	-1.30265	0.360105	0.844879	-1.1836
cg16603012	APRT;APRT	5.58E-05	0.000141683	0.116983	-8.54823	0.00634368	0.313017	-3.19471	0.0339414	0.44519	-2.24623	0.0131454	0.36602	-2.73209	2.17E-05	0.0614188	-16.2817
cg27322556	APRT;APRT	0.000669007	0.855722	0.889236	-1.12456	0.000212542	54.1341	54.1341	?	?	?	0.323385	1.93068	1.93068	0.00395682	0.0821021	-12.18
cg27454894	APRT;APRT	0.010881	0.346634	0.846202	-1.18175	0.603287	1.09455	1.09455	0.34654	1.18179	1.18179	0.506507	0.890353	-1.12315	0.918131	1.01787	1.01787
cg10139614	APRT;APRT	0.0187222	0.370498	0.89124	-1.12203	0.0120517	1.47995	1.47995	0.0140867	1.46145	1.46145	0.131623	0.815641	-1.22603	0.842663	0.975425	-1.02519
cg02085077	APRT;APRT	0.0237459	0.86057	0.962031	-1.03947	0.0241424	1.80757	1.80757	0.176771	1.3718	1.3718	0.262346	0.773129	-1.29345	0.0728235	0.64365	-1.55364
cg08079136	APRT;APRT	0.028459	0.0913906	0.579886	-1.72448	0.698534	0.892187	-1.12084	0.0807148	1.7643	1.7643	0.0784342	0.563826	-1.7736	0.0748916	0.559074	-1.78867
cg07443485	APRT;APRT	0.0448489	?	?	?	0.085897	4.47501	4.47501	?	?	?	0.0877861	4.41726	4.41726	?	?	?
cg13448406	APTX;APTX	0.0116231	0.0275627	0.215844	-4.63297	0.470357	0.649137	-1.54051	0.456759	0.640222	-1.56196	0.10921	0.357831	-2.79461	0.00247618	0.084126	-11.8869
cg14371649	APTX;APTX;APTX	0.000106884	0.000141062	0.506641	-1.97378	0.000472112	0.566347	-1.7657	0.634775	1.05078	1.05078	0.395998	0.913952	-1.09415	0.0149289	0.733564	-1.36321
cg00516678	AQP1	0.011036	0.0836823	0.648354	-1.54237	0.00765575	0.46027	-2.17264	0.000803163	0.318193	-3.14275	0.360018	0.808144	-1.2374	0.00483806	0.429164	-2.33011
cg03310518	AQP1	0.0253141	0.0633211	0.589098	-1.69751	0.285515	0.754969	-1.32456	0.274453	0.749656	-1.33394	0.162782	0.685537	-1.45871	0.0434959	0.555283	-1.80088
cg18307978	AQP1	0.0276952	0.0553422	0.480565	-2.08089	0.00415017	0.273508	-3.6562	0.0180872	0.379608	-2.63429	0.937943	1.02662	1.02662	0.0140649	0.359607	-2.78081
cg12547531	AQP1	0.0340812	0.0356787	0.396645	-2.52114	0.908134	0.957277	-1.04463	0.0032379	0.218923	-4.56782	0.16341	0.56971	-1.75528	0.322319	0.679289	-1.47213
cg25230363	AQP1	0.0361143	0.0350441	0.210072	-4.76027	0.0022901	0.0666191	-15.0107	0.0543659	0.249832	-4.00269	0.0521774	0.245814	-4.06811	0.0244912	0.182221	-5.48784
cg00622010	AQP1	0.0388456	0.728215	1.06275	1.06275	0.705117	0.935831	-1.06857	0.00439447	0.515078	-1.94145	0.166489	1.29349	1.29349	0.510931	0.890192	-1.12335
cg06181069	AQP10	0.0104724	0.00731888	0.221641	-4.5118	0.0085997	0.232196	-4.3067	0.00619577	0.211136	-4.73629	0.0229262	0.305522	-3.27309	0.0128533	0.260248	-3.84249
cg12044338	AQP10	0.0205693	0.00752915	0.134951	-7.41008	0.47886	0.657527	-1.52085	0.0267039	0.216735	-4.61392	0.0875878	0.333466	-2.99881	0.0438284	0.259422	-3.85473
cg20713492	AQP10	0.0324062	0.0150154	0.238534	-4.19227	0.0575318	0.357098	-2.80035	0.0132658	0.229618	-4.35505	0.123382	0.449271	-2.22583	0.0191721	0.256992	-3.89117
cg01359534	AQP10	0.0395058	0.0840067	0.332817	-3.00465	0.0196091	0.197383	-5.06629	0.0235759	0.211024	-4.7388	0.124598	0.384134	-2.60326	0.0156629	0.181818	-5.50001
cg05800289	AQP11	0.00892271	0.311635	1.42442	1.42442	0.376777	0.73628	-1.35818	0.000716317	6.40773	6.40773	0.00202315	4.70806	4.70806	0.0491787	2.16152	2.16152
cg04518186	AQP11	0.012014	0.000781777	4.1528	4.1528	0.625215	1.14794	1.14794	0.0552645	0.543916	-1.83852	0.759698	1.08979	1.08979	0.381621	0.777648	-1.28593
cg24456632	AQP11	0.0284492	0.00092127	0.259349	-3.85581	0.0684137	0.573391	-1.74401	0.0181919	0.457628	-2.18518	0.0815391	0.590778	-1.69268	0.22889	0.708755	-1.41093
cg06061081	AQP11	0.0319733	0.0199881	2.99534	2.99534	0.126404	1.90802	1.90802	0.371122	0.698497	-1.43165	0.0912466	2.06838	2.06838	0.213461	0.599369	-1.66842
cg09706988	AQP11	0.0393702	0.178142	1.19121	1.19121	0.806983	1.03039	1.03039	0.145552	1.2106	1.2106	0.0369965	0.743627	-1.34476	0.0193281	0.707538	-1.41335
cg12586386	AQP11	0.0403096	0.0205555	2.79903	2.79903	0.904596	1.04523	1.04523	0.209592	1.6288	1.6288	0.0287395	2.58995	2.58995	0.114659	0.53103	-1.88313
cg07272353	AQP12A	0.00389097	0.0149717	0.602218	-1.66053	0.00145075	0.458402	-2.18149	0.00105495	0.439856	-2.27347	0.836675	0.965611	-1.03561	0.180501	0.785777	-1.27263
cg22860848	AQP12A	0.0219394	0.359903	0.681411	-1.46754	0.0201094	0.318982	-3.13498	0.0885187	0.464989	-2.15061	0.261835	0.620759	-1.61093	0.0135056	0.287664	-3.47628
cg04153595	AQP12A	0.0410489	0.12469	0.48301	-2.07035	0.652982	0.820251	-1.21914	0.436238	0.706287	-1.41586	0.0285934	0.322795	-3.09794	0.00170762	0.140733	-7.10567
cg03413134	AQP12B	0.00670628	0.102604	0.532678	-1.87731	0.833856	1.07688	1.07688	0.159594	0.588622	-1.69888	0.0152662	0.34977	-2.85902	0.000323731	0.128686	-7.77088
cg20756702	AQP12B	0.00700905	0.0310757	0.362505	-2.75858	0.17854	0.563794	-1.7737	0.0092156	0.265701	-3.76363	0.0118028	0.283443	-3.52804	0.00207331	0.175784	-5.68878
cg20396053	AQP12B	0.0443269	0.0987563	0.64644	-1.54693	0.00907566	0.449737	-2.22352	0.0726266	0.617111	-1.62046	0.549647	1.15707	1.15707	0.0157892	0.490289	-2.03961
cg06734406	AQP2	1.08E-06	0.0062182	1.51887	1.51887	4.10E-06	3.49531	3.49531	0.767738	1.03531	1.03531	0.802984	0.971132	-1.02973	0.0193082	0.717794	-1.39316
cg05361096	AQP2	0.000125562	0.0270729	1.69345	1.69345	0.000141009	3.752	3.752	0.953296	0.98828	-1.01186	0.694975	1.08255	1.08255	0.00276126	0.435562	-2.29588
cg09577511	AQP2	0.000404145	0.0245997	1.86028	1.86028	0.000149888	4.52592	4.52592	0.878266	0.965084	-1.03618	0.198144	1.37076	1.37076	0.0750004	0.631433	-1.5837
cg05126095	AQP2	0.00266482	0.00213714	0.736659	-1.35748	0.219151	1.09588	1.09588	0.0754978	0.869194	-1.15049	0.00536799	1.29661	1.29661	0.445572	1.05664	1.05664
cg08612011	AQP2	0.00380094	0.00181007	0.215961	-4.63046	0.00203097	0.222377	-4.49686	0.0007246	0.169252	-5.90834	0.294064	0.68658	-1.4565	0.00206268	0.22325	-4.47928
cg00831237	AQP2	0.00407641	0.00407787	0.223385	-4.47658	0.00392948	0.221162	-4.52156	0.00164304	0.172914	-5.78322	0.0238122	0.350344	-2.85434	0.000508176	0.121024	-8.26284
cg25170822	AQP2	0.0143226	0.0486433	0.764082	-1.30876	0.146448	1.20471	1.20471	0.38414	0.89887	-1.11251	0.499336	1.08538	1.08538	0.21687	0.856206	-1.16794
cg07117012	AQP2	0.0154987	0.100267	0.771378	-1.29638	0.389149	1.13567	1.13567	0.00274152	0.551035	-1.81477	0.562991	0.919155	-1.08796	0.499726	0.905958	-1.1038
cg01018437	AQP2	0.0309596	0.0631793	0.419157	-2.38574	0.00609888	0.225466	-4.43525	0.00925121	0.252992	-3.9527	0.137415	0.513914	-1.94585	0.00745588	0.238433	-4.19405
cg21592521	AQP4;AQP4	0.000615344	0.919279	1.02394	1.02394	0.884446	1.03453	1.03453	0.0583251	0.606888	-1.64775	0.303604	0.779794	-1.28239	2.89E-05	0.147098	-6.79817
cg05533124	AQP4;AQP4	0.00146237	0.799826	1.02768	1.02768	0.0259106	1.32871	1.32871	0.857537	0.980874	-1.0195	0.754607	0.966863	-1.03427	0.698836	1.04267	1.04267
cg15976763	AQP4;AQP4	0.0082975	0.00156192	0.366312	-2.72991	0.0994709	0.67103	-1.49025	0.0100282	0.487672	-2.05056	0.317714	0.795979	-1.25631	0.000753768	0.323399	-3.09216
cg15671181	AQP4;AQP4;C18orf16	0.000739381	0.00021728	0.446679	-2.23874	0.875373	0.979703	-1.02072	0.00185201	0.561393	-1.78128	0.675544	1.05654	1.05654	0.000149699	0.427038	-2.34171
cg16617723	AQP4;AQP4;C18orf16	0.0448197	0.00659972	0.19978	-5.00551	0.426773	0.690358	-1.44852	0.034184	0.323507	-3.09112	0.424708	0.689167	-1.45103	0.0104037	0.229172	-4.36353
cg21962450	AQP4;C18orf16	0.0110889	0.00115623	0.140755	-7.10454	0.446998	0.727356	-1.37484	0.0982301	0.474783	-2.10623	0.318251	0.654622	-1.5276	0.015017	0.292917	-3.41393
cg04450003	AQP5	0.000640916	0.0103821	0.429237	-2.32971	0.01857	2.11257	2.11257	0.0029744	0.343683	-2.90965	0.708743	1.10332	1.10332	9.31E-05	0.160946	-6.21327
cg26328335	AQP5	0.00664924	0.453896	0.759987	-1.31581	0.000539492	6.93091	6.93091	0.180447	0.599503	-1.66805	0.706507	0.872767	-1.14578	0.632332	1.18935	1.18935
cg08266366	AQP5	0.0271097	0.208639	3.24138	3.24138	0.0381938	8.42719	8.42719	0.330682	2.43645	2.43645	0.128799	4.29036	4.29036	0.500245	0.544933	-1.83509
cg03020208	AQP5	0.0305284	0.691681	1.22716	1.22716	0.0277588	3.80333	3.80333	0.442964	1.49437	1.49437	0.337528	1.66156	1.66156	0.173493	0.475352	-2.10371
cg23855989	AQP5	0.0354753	0.266394	1.94423	1.94423	0.00902139	6.72572	6.72572	0.612306	0.745709	-1.34101	0.404263	1.63229	1.63229	0.030153	0.231345	-4.32255
cg15336765	AQP5;AQP5	0.0445635	0.127197	13.3887	13.3887	0.104088	16.3627	16.3627	0.789984	1.52173	1.52173	0.143631	11.8399	11.8399	0.376454	0.239894	-4.16851
cg10803417	AQP6	0.00799636	0.0254324	0.599753	-1.66735	0.841166	0.962116	-1.03938	0.00296657	2.19218	2.19218	0.608178	0.905264	-1.10465	0.00981668	0.533504	-1.8744
cg14537430	AQP7P1	0.0187081	0.467286	0.890864	-1.12251	0.00622944	0.572869	-1.7456	0.388093	0.870918	-1.14821	0.707139	1.06074	1.06074	0.509084	1.11032	1.11032
cg20403073	AQP7P1;AQP7P2	0.00145868	0.0015155	0.50343	-1.98637	0.0154578	1.56261	1.56261	0.00221725	1.90423	1.90423	0.318685	1.16746	1.16746	0.00385985	0.557179	-1.79476
cg13392512	AQP7P1;AQP7P2	0.0183422	0.0247682	0.600676	-1.66479	0.256081	0.797653	-1.25368	0.257278	1.2529	1.2529	0.222461	1.27699	1.27699	0.00296181	0.459373	-2.17688
cg26807107	AQP8	0.00154859	0.349618	0.634421	-1.57624	0.704327	1.19745	1.19745	0.0052459	0.175499	-5.69805	0.0298864	0.298911	-3.34547	0.00304448	0.146812	-6.81142
cg19306640	AQP8	0.0242899	0.471146	0.845752	-1.18238	0.000838188	0.317145	-3.15313	0.0175557	0.516612	-1.93569	0.922086	0.97789	-1.02261	0.0808103	0.642431	-1.55659
cg26506947	AQP8	0.0253847	0.402919	0.868475	-1.15144	0.525479	0.89943	-1.11182	0.336671	1.17727	1.17727	0.911499	0.98185	-1.01849	0.0840958	0.729887	-1.37008
cg07327347	AQP8	0.0261916	0.0933288	0.502789	-1.9889	0.00708044	0.273544	-3.65571	0.00721351	0.274812	-3.63886	0.248192	1.56781	1.56781	0.949886	1.02369	1.02369
cg02916147	AQP8	0.0326716	0.0195581	0.166409	-6.0093	0.00788558	0.114597	-8.7262	0.0389275	0.218842	-4.5695	0.169382	0.394368	-2.5357	0.0171056	0.15766	-6.34275
cg11577097	AQP9;AQP9	0.00191869	0.00403413	0.321083	-3.11446	0.000904411	0.232148	-4.3076	0.275556	0.716307	-1.39605	0.83552	1.06306	1.06306	0.000949974	0.234797	-4.25899
cg27386614	AQR	0.000713045	0.32808	0.76692	-1.30392	0.87143	1.0435	1.0435	0.000409793	0.228721	-4.37214	0.115888	0.638114	-1.56712	0.389822	0.793222	-1.26068
cg10479097	AQR	0.00224469	0.000232748	0.0920666	-10.8617	0.0457408	0.408752	-2.44647	0.15519	0.552014	-1.81155	0.0351056	0.383316	-2.60881	0.0488458	0.415315	-2.40781
cg22713359	AQR	0.00444596	0.872177	1.01875	1.01875	0.0909711	1.23958	1.23958	0.286942	1.13604	1.13604	0.200761	1.16868	1.16868	0.068499	1.26522	1.26522
cg07338450	AQR	0.0130723	0.0362075	0.338555	-2.95373	0.0465432	0.362881	-2.75572	0.404187	0.68416	-1.46165	0.244816	0.582158	-1.71775	0.00068423	0.0995867	-10.0415
cg02096502	AQR	0.0180739	0.352417	1.10535	1.10535	0.113562	1.19749	1.19749	0.962416	0.99508	-1.00494	0.992096	1.00104	1.00104	0.00717728	1.43807	1.43807
cg19599611	AQR	0.0244278	0.409547	1.19205	1.19205	0.175464	1.34999	1.34999	0.434583	1.18065	1.18065	0.922002	0.979807	-1.02061	0.00162965	0.390554	-2.56046
cg11062168	AQR	0.0339473	0.908696	0.976934	-1.02361	0.070204	0.662515	-1.5094	0.028273	0.590493	-1.6935	0.889762	1.02861	1.02861	0.16026	1.35683	1.35683
cg26215437	AQR;AQR	0.0289429	0.609617	0.819948	-1.21959	0.483942	0.760175	-1.31549	0.0744404	2.15141	2.15141	0.800611	0.907057	-1.10247	0.310283	0.667179	-1.49885
cg14807303	AR	8.79E-05	0.020026	1.98669	1.98669	0.00457061	0.397077	-2.5184	0.0106543	0.455954	-2.19321	0.0412896	1.77849	1.77849	4.68E-05	0.152821	-6.54359
cg11189761	AR	0.00107581	0.0160058	0.553774	-1.80579	0.106169	0.702123	-1.42425	0.0728342	0.669604	-1.49342	0.066938	0.66258	-1.50925	0.000321053	0.311359	-3.21173
cg12156154	AR	0.00143453	0.0499172	2.10111	2.10111	0.168049	0.613973	-1.62874	0.127962	0.579021	-1.72705	0.304541	1.42341	1.42341	0.000926594	0.193552	-5.16656
cg26014066	AR	0.00183246	0.18166	0.670245	-1.49199	0.0750305	0.571504	-1.74977	0.00168169	0.281623	-3.55085	0.00877311	0.389857	-2.56504	0.000818458	0.240899	-4.15111
cg12294334	AR	0.00484396	0.0347063	0.533904	-1.873	0.0324589	0.528258	-1.89301	0.237604	0.729532	-1.37074	0.654032	0.891378	-1.12186	0.000291048	0.221836	-4.50783
cg04755662	AR	0.00507524	0.695976	1.13737	1.13737	0.746608	1.11212	1.11212	0.0163032	0.381866	-2.61872	0.157862	0.609604	-1.64041	0.000429195	0.16096	-6.21271
cg12180028	AR	0.00549927	0.00450311	0.31622	-3.16236	0.00152702	0.249744	-4.0041	0.0522471	0.511034	-1.95682	0.00443483	0.315211	-3.17248	0.00404202	0.309129	-3.2349
cg26003280	AR	0.00787552	0.514401	1.3265	1.3265	0.0888707	0.448456	-2.22987	0.203352	0.563386	-1.77498	0.0170354	0.288473	-3.46653	0.00911322	0.242742	-4.1196
cg20265337	AR	0.00977172	0.171014	1.75118	1.75118	0.322945	0.675409	-1.48059	0.310124	0.667849	-1.49734	0.815021	0.913856	-1.09426	0.0101529	0.287579	-3.4773
cg10164191	AR	0.0146778	0.829556	0.926176	-1.07971	0.0620363	0.473586	-2.11155	0.118697	0.547441	-1.82668	0.081874	0.503655	-1.98548	0.00102915	0.17724	-5.64206
cg20878850	AR	0.0386499	0.0184151	0.30129	-3.31907	0.852581	1.08117	1.08117	0.152822	0.526053	-1.90095	0.264427	0.613859	-1.62904	0.0135203	0.277368	-3.60532
cg02625237	AR;AR	0.00983265	0.573199	0.808224	-1.23728	0.0113297	0.305425	-3.27412	0.0493711	0.432167	-2.31392	0.165721	0.575261	-1.73834	0.00133877	0.174874	-5.71841
cg01218690	AR;AR	0.0400257	0.0996608	0.430208	-2.32446	0.0738164	0.393966	-2.53829	0.0079252	0.203589	-4.91186	0.0773159	0.399329	-2.5042	0.0107313	0.223424	-4.47579
cg01814235	ARAF	0.000618677	0.196228	1.51853	1.51853	0.0135454	0.392957	-2.54481	0.00665954	0.34086	-2.93376	0.522571	0.820293	-1.21908	4.26E-05	0.0927227	-10.7849
cg18001119	ARAF	0.000906936	5.67E-05	0.111162	-8.99588	0.938753	1.02283	1.02283	0.0248542	0.456318	-2.19146	0.0238191	0.452751	-2.20872	0.00025852	0.170956	-5.84946
cg25466805	ARAP1	5.50E-05	0.0026338	0.440132	-2.27204	0.00663173	0.499233	-2.00307	0.000574214	0.349652	-2.85998	0.000219067	0.296823	-3.36902	0.0103571	0.529067	-1.89012
cg23249399	ARAP1	0.00043804	0.0121051	0.575462	-1.73774	4.12E-05	0.25139	-3.97788	0.000344256	0.361411	-2.76693	0.0176453	0.600527	-1.6652	0.000549854	0.387557	-2.58026
cg21714809	ARAP1	0.000556705	0.859757	0.974247	-1.02643	0.85054	1.02822	1.02822	0.352553	0.868376	-1.15158	0.531266	0.910683	-1.09808	0.619481	0.928808	-1.07665
cg20513950	ARAP1	0.00234956	0.0291289	0.214615	-4.65951	0.0898744	0.326618	-3.06168	0.10276	0.343541	-2.91086	0.000502541	0.0385354	-25.9501	0.0560379	0.273801	-3.65229
cg01334972	ARAP1	0.00628417	0.176605	0.468473	-2.1346	0.951322	0.968288	-1.03275	0.00756857	0.163073	-6.13222	0.168396	0.460795	-2.17016	0.246197	0.527198	-1.89682
cg10495997	ARAP1	0.0217915	0.543071	0.922112	-1.08447	0.032411	0.718989	-1.39084	0.00612697	0.624283	-1.60184	0.492814	1.09609	1.09609	0.00729492	0.63396	-1.57739
cg07031551	ARAP1	0.0263627	0.374797	0.6088	-1.64257	0.644005	0.776075	-1.28853	0.276038	0.53941	-1.85388	0.255753	0.523966	-1.90852	0.323789	0.573976	-1.74223
cg16044480	ARAP1	0.0279176	0.0579697	0.624289	-1.60182	0.0427575	0.598879	-1.66979	0.646	0.903327	-1.10702	0.0855997	0.658555	-1.51848	0.210899	1.33614	1.33614
cg14476630	ARAP1	0.0295722	0.0703257	0.357055	-2.80069	0.0437036	0.307161	-3.25562	0.0283055	0.267649	-3.73624	0.946307	1.03488	1.03488	0.0193496	0.236969	-4.21996
cg01380194	ARAP1	0.031573	0.0548802	0.681655	-1.46702	0.067809	0.697623	-1.43344	0.0145633	0.588805	-1.69835	0.997974	0.999553	-1.00045	0.850305	1.03382	1.03382
cg04827223	ARAP1	0.0318572	0.00136943	0.292091	-3.42359	0.216881	0.708728	-1.41098	0.981342	0.993823	-1.00622	0.543331	1.17705	1.17705	0.302402	0.753458	-1.32721
cg21931656	ARAP1	0.0405821	0.0692327	0.362388	-2.75947	0.0192535	0.243203	-4.11178	0.0657997	0.356701	-2.80347	0.122293	0.433345	-2.30763	0.167056	0.479243	-2.08662
cg00238848	ARAP1;ARAP1;ARAP1	6.06E-05	3.88E-05	8.14163	8.14163	5.50E-05	7.29124	7.29124	0.00345355	2.70008	2.70008	0.000185826	5.15996	5.15996	6.32E-05	6.99229	6.99229
cg24181911	ARAP1;ARAP1;ARAP1	0.000224646	0.00121045	0.363212	-2.75321	1.27E-05	0.14058	-7.11338	0.38255	0.82581	-1.21093	0.0827264	1.50784	1.50784	0.000645011	0.326643	-3.06144
cg16617141	ARAP1;ARAP1;ARAP1	0.00179195	0.00300206	3.85861	3.85861	0.00258548	3.99752	3.99752	0.734064	1.1198	1.1198	0.0509591	2.09114	2.09114	0.0208704	2.5158	2.5158
cg27058763	ARAP1;ARAP1;ARAP1	0.00295473	0.00565	0.476661	-2.09793	0.0364057	0.614944	-1.62617	0.001632	0.392636	-2.54689	0.00416958	0.455573	-2.19504	0.049826	0.64027	-1.56184
cg09700598	ARAP1;ARAP1;ARAP1	0.00878491	0.858987	0.975937	-1.02466	0.785643	1.03805	1.03805	0.0925904	0.776075	-1.28854	0.31925	1.1514	1.1514	0.759959	0.958895	-1.04287
cg24958612	ARAP1;ARAP1;ARAP1	0.0168248	0.910557	1.03921	1.03921	0.695238	1.14427	1.14427	0.162078	0.599906	-1.66693	0.537101	1.23853	1.23853	0.00046524	0.15194	-6.58154
cg00350448	ARAP1;ARAP1;ARAP1	0.0168994	0.00460798	0.15323	-6.52612	0.0651546	0.356977	-2.8013	0.829233	0.898114	-1.11344	0.0556907	0.340061	-2.94065	0.624939	0.782617	-1.27776
cg01589860	ARAP1;ARAP1;ARAP1	0.020592	0.00649138	0.100031	-9.99692	0.0790539	0.281149	-3.55684	0.962231	0.969655	-1.03129	0.043258	0.220263	-4.54003	0.00951043	0.117935	-8.47926
cg18769818	ARAP1;ARAP1;ARAP1;ARAP1;ARAP1	0.00885449	0.00348877	0.215938	-4.63096	0.0566617	0.43418	-2.30319	0.411405	1.38377	1.38377	0.542749	0.787999	-1.26904	0.614402	1.21707	1.21707
cg16695389	ARAP1;ARAP1;ARAP1;ARAP1;ARAP1	0.0438922	0.0211778	0.404103	-2.47462	0.106618	0.562113	-1.779	0.243371	0.670909	-1.49052	0.00745868	0.324173	-3.08478	0.201359	0.643282	-1.55453
cg08343347	ARAP2	0.000902463	0.27786	1.36555	1.36555	0.000184781	0.174828	-5.7199	0.00038149	0.208822	-4.78877	0.0416399	0.522849	-1.9126	0.0283973	0.489541	-2.04273
cg13802354	ARAP2	0.00460603	0.0173905	0.344239	-2.90496	0.415192	0.735878	-1.35892	0.00964243	0.299285	-3.3413	0.444672	1.33233	1.33233	0.0024253	0.211239	-4.73398
cg22518157	ARAP2	0.00706716	0.0104519	0.42955	-2.32802	0.00923777	0.420555	-2.37781	0.018475	0.472779	-2.11515	0.0133709	0.447879	-2.23275	0.000920147	0.27307	-3.66206
cg15127324	ARAP2	0.034713	0.409178	0.845668	-1.1825	0.286628	0.802732	-1.24575	0.065168	1.50855	1.50855	0.787179	0.947681	-1.05521	0.402353	0.843499	-1.18554
cg24628076	ARAP3	0.000248325	0.0113593	1.49617	1.49617	0.0620775	0.769202	-1.30005	0.000809505	0.515064	-1.94151	0.270557	0.868029	-1.15203	0.631501	1.06111	1.06111
cg11136562	ARAP3	0.000766713	0.000167019	0.369908	-2.70337	0.00244455	0.519879	-1.92353	0.000778088	0.454397	-2.20072	0.00185328	0.50384	-1.98476	0.00483865	0.560016	-1.78566
cg10621012	ARAP3	0.00586417	0.00540337	0.345941	-2.89067	0.0345187	0.489364	-2.04347	0.0113341	0.398871	-2.50708	0.0151578	0.421107	-2.37469	0.00294271	0.306121	-3.26669
cg13712023	ARAP3	0.00615933	0.0676158	0.317242	-3.15216	0.000534447	0.0487041	-20.5322	0.0108984	0.166595	-6.00258	0.104803	0.370084	-2.70209	0.0438799	0.272873	-3.6647
cg04321580	ARC	0.0332119	0.221643	0.82432	-1.21312	0.428091	0.885435	-1.12939	0.33283	0.860499	-1.16212	0.51411	1.10463	1.10463	0.0245704	1.49588	1.49588
cg23210049	ARC	0.0437094	0.845223	0.96276	-1.03868	0.149176	0.740556	-1.35034	0.217234	0.777179	-1.2867	0.667131	0.919415	-1.08765	0.494338	0.873926	-1.14426
cg00487506	ARC	0.0490867	0.997959	0.99884	-1.00116	0.23475	1.75989	1.75989	0.280408	0.600959	-1.66401	0.946371	1.031	1.031	0.144378	2.03731	2.03731
cg05415840	ARC;ARC	0.0496016	0.21141	0.537716	-1.85972	0.00722877	0.195269	-5.12113	0.0274599	0.292576	-3.41792	0.880713	1.07333	1.07333	0.0722531	0.38854	-2.57374
cg13807341	ARCN1;ARCN1	0.000150969	0.000312898	0.505096	-1.97982	0.464862	1.09082	1.09082	0.197411	1.17262	1.17262	0.0505414	0.77072	-1.29749	7.38E-05	0.430813	-2.32119
cg00558376	ARCN1;ARCN1	0.000166264	0.000167955	0.526452	-1.89951	0.0571062	1.24064	1.24064	0.00622855	0.699636	-1.42931	0.604902	0.949062	-1.05367	0.00090858	0.608361	-1.64376
cg11094953	ARCN1;ARCN1	0.00144014	?	?	?	0.0294678	0.293196	-3.41069	0.143627	0.476706	-2.09773	0.00176604	0.110613	-9.04053	0.887476	1.06825	1.06825
cg26475285	ARCN1;ARCN1	0.00253233	0.764608	0.939326	-1.06459	0.00876671	0.498653	-2.0054	0.0153624	0.537901	-1.85908	0.157876	1.36988	1.36988	0.0999701	0.686803	-1.45602
cg17643109	ARCN1;ARCN1	0.00369131	0.000575024	0.337989	-2.95867	0.00786433	2.00202	2.00202	0.0866572	0.680305	-1.46993	0.0505854	0.635408	-1.57379	0.28645	1.25273	1.25273
cg14762010	ARCN1;ARCN1	0.0211217	0.394543	0.930813	-1.07433	0.745897	0.973621	-1.02709	0.0950088	1.16281	1.16281	0.0900943	0.85763	-1.166	0.4429	0.937703	-1.06644
cg01864807	ARCN1;ARCN1	0.0301648	0.00139838	0.218464	-4.57742	0.526624	1.23471	1.23471	0.173609	0.621409	-1.60925	0.142003	0.595233	-1.68001	0.338676	1.38279	1.38279
cg02334660	AREG	0.00276201	0.532667	0.883075	-1.13241	0.0177111	1.76389	1.76389	0.337506	0.823204	-1.21477	0.636728	0.910644	-1.09812	9.64E-05	0.255397	-3.91547
cg15529290	AREG	0.00375119	0.00969719	0.702198	-1.4241	0.00328886	0.648751	-1.54142	0.211044	1.15301	1.15301	0.0158518	1.3761	1.3761	0.0362455	1.30092	1.30092
cg26611070	AREG	0.0074678	0.275816	1.25548	1.25548	0.040032	1.61006	1.61006	0.549163	0.885466	-1.12935	0.490987	0.869012	-1.15073	0.000266566	0.30084	-3.32403
cg02009651	AREG	0.0245222	0.163195	0.624879	-1.60031	0.366346	1.3407	1.3407	0.0297915	0.445811	-2.2431	0.420405	0.771007	-1.297	0.00574123	0.318585	-3.13888
cg03244277	AREG	0.0426228	0.568872	0.837849	-1.19353	0.352057	1.34212	1.34212	?	?	?	0.937991	0.976378	-1.02419	0.0148211	0.398078	-2.51207
cg26432195	ARF1;ARF1;ARF1;ARF1	2.92E-05	2.13E-05	0.243474	-4.10722	0.000320163	0.382414	-2.61497	0.0496172	0.690959	-1.44726	0.712732	1.06294	1.06294	1.64E-05	0.231428	-4.321
cg12525736	ARF1;ARF1;ARF1;ARF1	0.00127632	0.00947678	0.770735	-1.29746	0.182808	0.894057	-1.1185	0.633974	1.03873	1.03873	0.414175	1.06836	1.06836	6.41E-05	0.558681	-1.78993
cg27552960	ARF1;ARF1;ARF1;ARF1	0.00254696	0.0133839	0.519886	-1.9235	0.525689	1.14719	1.14719	0.427772	0.84123	-1.18874	0.198417	1.33674	1.33674	0.00175227	0.385829	-2.59182
cg21005525	ARF1;ARF1;ARF1;ARF1	0.00417777	0.727839	0.898539	-1.11292	0.00516709	3.09767	3.09767	0.0613654	1.90688	1.90688	0.693864	1.12879	1.12879	0.00968285	0.367016	-2.72468
cg18167715	ARF1;ARF1;ARF1;ARF1	0.0121141	0.0164168	0.560361	-1.78456	0.700602	0.926535	-1.07929	0.704149	1.07826	1.07826	0.599296	0.900588	-1.11039	0.759161	1.06261	1.06261
cg21282883	ARF1;ARF1;ARF1;ARF1	0.0182706	0.81827	1.04264	1.04264	0.41234	1.16425	1.16425	0.963872	1.00825	1.00825	0.342736	0.837488	-1.19405	0.660123	1.0836	1.0836
cg21142743	ARF1;ARF1;ARF1;ARF1	0.0252575	0.0611998	0.460448	-2.1718	0.180202	1.68746	1.68746	0.1424	1.78558	1.78558	0.937844	0.971734	-1.02909	0.0541564	0.447764	-2.23332
cg06347212	ARF1;ARF1;ARF1;ARF1	0.0267321	0.012356	0.558363	-1.79095	0.00201023	0.442443	-2.26018	0.100524	0.714208	-1.40015	0.0674786	0.681613	-1.46711	0.0573006	0.668767	-1.49529
cg22483742	ARF1;ARF1;ARF1;ARF1	0.0316409	0.30921	0.536733	-1.86312	0.0438818	0.626939	-1.59505	0.61225	1.35287	1.35287	0.81623	0.871406	-1.14757	0.0113331	0.153384	-6.51956

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12170649	0.514149	1.19405	1.19405	0.0363137	1.92022	1.92022	0.625422	1.14099	1.14099	0.739404	0.914395	-1.09362	4.65551	5.29884	1.01172	1
cg14127958	0.534229	0.893351	-1.11938	0.277935	0.816989	-1.22401	0.156317	0.762104	-1.31216	0.246641	0.804895	-1.2424	4.26837	2.16971	0.451842	1
cg16603012	9.41E-05	0.102761	-9.73131	1.33E-05	0.0506582	-19.7401	0.000143069	0.117336	-8.52252	0.000483171	0.167132	-5.98331	25.856	43.7509	1.50409	1
cg27322556	0.000884627	0.0402137	-24.8672	0.004749	0.0890455	-11.2302	0.575794	0.694463	-1.43996	0.863974	0.8953	-1.11694	13.4948	79.034	5.85661	1
cg27454894	0.87803	0.973884	-1.02682	0.000137939	0.321248	-3.11286	0.269852	0.820382	-1.21894	0.875266	0.973295	-1.02744	5.75264	2.70517	0.417998	1
cg10139614	0.0314122	0.729037	-1.37167	0.0301013	0.726613	-1.37625	0.212564	0.848416	-1.17867	0.797541	0.968326	-1.03271	4.81094	1.19447	0.220695	1
cg02085077	0.74916	0.931807	-1.07318	0.00345533	0.417226	-2.39678	0.251841	1.30155	1.30155	0.202239	1.34505	1.34505	4.43571	3.40535	0.682411	1
cg08079136	0.027208	2.15152	2.15152	0.254704	0.705678	-1.41708	0.4299	0.789636	-1.26641	0.0209786	2.25704	2.25704	4.16384	5.66608	1.20958	1
cg07443485	?	?	?	0.765871	1.23439	1.23439	?	?	?	0.0237403	0.0956428	-10.4556	6.82243	20.6594	3.02816	1
cg13448406	0.117306	0.367527	-2.72089	0.00106101	0.0579647	-17.2519	0.0618568	0.290165	-3.44631	0.0114947	0.155637	-6.4252	5.63142	30.8777	4.87388	1
cg14371649	7.14E-06	0.358168	-2.79198	0.000343639	0.550724	-1.81579	0.390614	0.912965	-1.09533	0.000710044	0.586335	-1.70551	21.7496	3.69092	0.150845	1
cg00516678	0.182058	0.725709	-1.37796	0.243596	0.758685	-1.31807	0.281503	0.776195	-1.28834	0.0121943	0.493131	-2.02786	5.72649	4.64691	0.721312	1
cg03310518	0.54295	0.855527	-1.16887	0.014568	2.1435	2.1435	0.153985	1.47216	1.47216	0.0121887	0.453163	-2.20671	4.33834	4.41172	0.903924	1
cg18307978	0.516651	1.24837	1.24837	0.149891	0.594036	-1.6834	0.0836546	0.524179	-1.90775	0.0746822	0.511782	-1.95396	4.20395	7.57853	1.60242	1
cg12547531	0.616024	0.825923	-1.21077	0.00683999	0.265804	-3.76217	0.536567	0.78922	-1.26707	0.0364976	0.398769	-2.50772	3.90448	8.84719	2.01414	1
cg25230363	0.154794	0.380042	-2.63129	0.0779809	0.28815	-3.47041	0.178471	0.403241	-2.47991	0.103831	0.323037	-3.09562	3.82343	24.4422	5.68244	1
cg00622010	0.686681	0.931707	-1.0733	0.886183	1.0253	1.0253	0.293958	0.827046	-1.20912	0.00567196	0.530973	-1.88333	3.723	1.79432	0.428404	1
cg06181069	0.0154534	0.274	-3.64964	0.00574618	0.206513	-4.8423	0.0189123	0.289773	-3.45098	0.113085	0.471703	-2.11998	5.82386	17.512	2.67284	1
cg12044338	0.442953	0.634088	-1.57707	0.002703	0.0894997	-11.1732	0.0177518	0.186571	-5.35988	0.0299479	0.225975	-4.42527	4.65985	25.0312	4.77482	1
cg20713492	0.0153358	0.240083	-4.16522	0.0154624	0.240688	-4.15476	0.089926	0.40815	-2.45008	0.164357	0.491004	-2.03664	3.97588	14.4728	3.23568	1
cg01359534	0.0383875	0.251433	-3.9772	0.0197166	0.197776	-5.05622	0.0427683	0.261339	-3.82645	0.0469395	0.270176	-3.7013	3.70003	19.4035	4.66146	1
cg05800289	0.0453982	2.20005	2.20005	0.303763	1.43339	1.43339	0.288543	1.45145	1.45145	0.0171532	2.74014	2.74014	6.99039	12.2515	1.36314	1
cg04518186	0.0544096	0.542441	-1.84352	0.109395	0.613121	-1.631	0.211903	1.44562	1.44562	0.28602	0.733064	-1.36414	5.57139	6.9304	1.10571	1
cg24456632	0.832925	1.05928	1.05928	0.195616	0.68858	-1.45227	0.325001	0.757994	-1.31927	0.214206	0.700115	-1.42834	4.16435	4.90186	1.04631	1
cg06061081	0.93243	1.03369	1.03369	0.00531349	0.238064	-4.20055	0.989897	0.995065	-1.00496	0.610931	0.818347	-1.22198	3.99507	9.65973	2.14925	1
cg09706988	0.513121	0.922092	-1.08449	0.00846868	0.662949	-1.50841	0.855507	1.02254	1.02254	0.832742	0.974469	-1.0262	3.7047	0.877514	0.210547	1
cg12586386	0.157688	1.74599	1.74599	0.667427	1.17289	1.17289	0.545585	1.25314	1.25314	0.0235288	0.36866	-2.71253	3.67269	7.91615	1.91592	1
cg07272353	0.505716	0.891829	-1.12129	0.00231536	0.486044	-2.05743	0.00351567	0.511184	-1.95624	0.0301254	0.648993	-1.54085	7.91813	3.6042	0.404607	1
cg22860848	0.0423421	0.385629	-2.59316	0.00235188	0.177356	-5.63839	0.0202945	0.319735	-3.12759	0.0262957	0.341682	-2.92669	4.55825	11.9886	2.33786	1
cg04153595	0.0962194	0.449464	-2.22487	0.0561439	0.387905	-2.57795	0.0584634	0.3922	-2.54972	0.525844	0.754713	-1.32501	3.64813	11.0742	2.69829	1
cg03413134	0.019486	0.36944	-2.7068	0.00584401	0.280117	-3.56994	0.019166	0.368077	-2.71682	0.365817	0.72062	-1.38769	6.704	13.203	1.75059	1
cg20756702	0.0572593	0.422155	-2.3688	0.000859483	0.134421	-7.4393	0.0233373	0.33736	-2.96419	0.0380744	0.381363	-2.62217	6.61245	16.8357	2.26316	1
cg20396053	0.33202	1.27277	1.27277	0.268306	1.32033	1.32033	0.54369	0.862319	-1.15966	0.750138	1.08004	1.08004	3.54545	3.26149	0.817696	1
cg06734406	9.55E-06	3.0585	3.0585	3.66E-08	10.004	10.004	1.60E-05	2.83799	2.83799	0.0364841	1.32956	1.32956	71.9118	15.6385	0.193305	1
cg05361096	0.00180239	2.44369	2.44369	2.32E-05	5.4883	5.4883	0.000322842	3.22482	3.22482	0.0661313	1.51424	1.51424	20.8301	13.3667	0.570402	1
cg09577511	0.00706777	2.24158	2.24158	4.98E-05	5.8422	5.8422	0.00161964	2.85107	2.85107	0.00901922	2.15926	2.15926	15.157	12.9065	0.756905	1
cg05126095	0.486906	1.05132	1.05132	0.0023382	1.35121	1.35121	0.582143	1.04016	1.04016	0.0101565	0.794777	-1.25821	8.86366	0.704649	0.0706655	1
cg08612011	0.380881	0.733041	-1.36418	0.01984	0.37842	-2.64256	0.274874	0.675348	-1.48072	0.269356	0.672036	-1.48802	7.97408	15.0771	1.68068	1
cg00831237	0.093388	0.487941	-2.04943	0.0275254	0.36294	-2.75528	0.040328	0.398133	-2.51172	0.094718	0.489632	-2.04235	7.80781	18.6956	2.12842	1
cg25170822	0.435854	0.90939	-1.09964	0.00799644	1.50098	1.50098	0.0023551	0.602312	-1.66027	0.469675	0.915868	-1.09186	5.26031	1.18926	0.200961	1
cg07117012	0.281581	1.17506	1.17506	0.00435668	1.7317	1.7317	0.251493	0.841385	-1.18852	0.497431	0.905464	-1.10441	5.12489	1.68673	0.292555	1
cg01018437	0.490789	0.747348	-1.33806	0.0818187	0.448249	-2.2309	0.102691	0.475701	-2.10216	0.0714615	0.432753	-2.31079	4.04131	11.0814	2.43737	1
cg21592521	0.00241421	0.372934	-2.68144	0.000758469	0.303744	-3.29225	0.781413	1.06709	1.06709	0.00198417	0.360711	-2.7723	13.4885	11.6409	0.767133	1
cg05533124	0.0337703	0.766114	-1.30529	0.00015838	0.499453	-2.00219	0.00110125	1.67715	1.67715	0.146359	0.845718	-1.18243	10.5565	1.93115	0.162609	1
cg15976763	0.63857	0.900754	-1.11018	0.0190153	0.534031	-1.87255	0.56124	0.878278	-1.13859	0.154002	0.713782	-1.40099	6.27158	4.84844	0.687183	1
cg15671181	0.682702	0.947718	-1.05517	0.000722772	0.510704	-1.95808	0.0196094	0.69183	-1.44544	0.095111	0.786937	-1.27075	12.8127	3.46391	0.24031	1
cg16617723	0.501075	0.732103	-1.36593	0.0412257	0.341182	-2.93099	0.0660007	0.389915	-2.56466	0.0614467	0.382075	-2.61729	3.53083	11.6605	2.93555	1
cg21962450	0.0796384	0.449778	-2.22332	0.00188264	0.163656	-6.11037	0.220273	0.588987	-1.69783	0.0153678	0.294698	-3.3933	5.71767	15.2764	2.37492	1
cg04450003	0.0277109	1.97762	1.97762	0.0106919	2.31805	2.31805	0.532169	1.18034	1.18034	0.170446	0.682143	-1.46597	13.336	14.5014	0.966568	1
cg26328335	0.119086	1.83775	1.83775	0.00227385	4.64444	4.64444	0.0592449	2.15146	2.15146	0.643328	0.845565	-1.18264	6.72182	13.7777	1.82195	1
cg08266366	0.203427	3.29063	3.29063	0.00480817	27.6455	27.6455	0.00401482	30.8674	30.8674	0.0352076	8.8145	8.8145	4.23563	52.8067	11.082	1
cg03020208	0.161303	2.15595	2.15595	0.00290181	8.18441	8.18441	0.0128476	4.88738	4.88738	0.827749	1.11841	1.11841	4.06154	16.9642	3.7127	1
cg23855989	0.637078	0.761208	-1.3137	0.352046	1.733	1.733	0.0171211	5.30362	5.30362	0.120201	2.63215	2.63215	3.84828	20.0911	4.6407	1
cg15336765	0.250984	6.59655	6.59655	0.006362	266.674	266.674	0.0115441	143.778	143.778	0.0415662	40.28	40.28	3.53841	138.636	34.827	1
cg10803417	0.556498	1.12129	1.12129	0.00657725	1.97247	1.97247	0.337202	1.20979	1.20979	0.525699	1.13175	1.13175	6.34506	3.72288	0.521544	1
cg14537430	0.0355783	1.46556	1.46556	0.00762733	1.7091	1.7091	0.0520897	1.41232	1.41232	0.456558	1.12577	1.12577	4.81216	1.86043	0.343653	1
cg20403073	0.0622144	0.729504	-1.37079	0.717018	1.05621	1.05621	0.693181	1.06139	1.06139	0.00606842	0.583712	-1.71317	10.5641	3.77648	0.317761	1
cg13392512	0.593894	1.10809	1.10809	0.178121	1.31372	1.31372	0.0318319	1.61571	1.61571	0.828158	0.959391	-1.04233	4.84433	2.79028	0.51199	1
cg26807107	0.0343688	0.311478	-3.2105	3.68E-05	0.0234484	-42.6469	0.241169	0.559968	-1.78582	0.0641863	0.374196	-2.67239	10.3838	36.7338	3.14454	1
cg19306640	0.918213	1.02375	1.02375	0.080569	0.642157	-1.55725	0.559543	0.873843	-1.14437	0.603868	1.12707	1.12707	4.40105	3.64058	0.735296	1
cg26506947	0.384554	1.15821	1.15821	0.0008326	0.436614	-2.29035	0.103115	0.745475	-1.34143	0.0738175	0.720151	-1.3886	4.33413	1.86302	0.382087	1
cg07327347	0.0164438	0.335539	-2.98028	0.22434	0.621598	-1.60876	0.267716	0.65046	-1.53737	0.0573253	0.448907	-2.22763	4.28706	9.42139	1.95345	1
cg02916147	0.0800423	0.291003	-3.4364	0.0183332	0.162133	-6.16779	0.035118	0.21011	-4.7594	0.0923627	0.308091	-3.2458	3.96426	25.3636	5.68718	1
cg11577097	0.0103489	0.386736	-2.58574	0.000334896	0.182387	-5.48286	0.0895498	0.576615	-1.73426	0.282503	0.720014	-1.38886	9.7591	13.3725	1.21801	1
cg27386614	0.0356865	0.525905	-1.90148	1.83E-05	0.100586	-9.94172	0.835773	0.946893	-1.05608	0.0082354	0.411297	-2.43133	12.9438	14.1666	0.972862	1
cg10479097	0.0140921	0.306159	-3.26627	0.000188912	0.0854892	-11.6974	0.219065	0.603572	-1.6568	0.0163617	0.31779	-3.14673	9.32225	22.5277	2.14805	1
cg22713359	0.312927	1.12795	1.12795	0.000124716	0.462427	-2.1625	0.306083	0.884941	-1.13002	0.613418	1.06052	1.06052	7.60554	1.60274	0.187318	1
cg07338450	0.148902	0.502392	-1.99048	0.00406044	0.179874	-5.55943	0.51251	0.744253	-1.34363	0.0250789	0.305733	-3.27082	5.42031	16.9755	2.78385	1
cg02096502	0.32394	1.11252	1.11252	0.00395316	0.666481	-1.50042	0.244777	0.880419	-1.13582	0.0592289	1.24974	1.24974	4.86841	0.84477	0.154241	1
cg19599611	0.368536	1.21213	1.21213	0.150483	1.37852	1.37852	0.212058	1.31496	1.31496	0.0565232	0.63783	-1.56782	4.39242	3.01817	0.610783	1
cg11062168	0.274947	1.25992	1.25992	0.00427976	2.17561	2.17561	0.415508	0.844265	-1.18446	0.743815	0.935472	-1.06898	3.91003	2.56223	0.582487	1
cg26215437	0.270467	0.642565	-1.55626	?	?	?	0.00108081	0.155638	-6.42519	0.682536	1.17177	1.17177	4.20925	8.805	2.09182	1
cg14807303	0.00184462	0.339064	-2.9493	0.00111828	0.309144	-3.23473	0.00041417	3.93713	3.93713	0.00152779	0.327629	-3.05224	22.9169	21.7145	0.842253	1
cg11189761	0.0505955	0.639874	-1.56281	9.34E-05	0.247422	-4.04167	0.000598303	0.345928	-2.89078	0.0117444	0.532136	-1.87922	11.5249	7.33206	0.565503	1
cg12156154	0.0110341	0.346955	-2.88222	0.0071019	0.315121	-3.17338	0.00312538	3.82574	3.82574	0.00527883	0.294902	-3.39096	10.615	18.5347	1.55208	1
cg26014066	0.0716239	0.566847	-1.76414	0.000991574	0.251389	-3.97791	0.0111424	0.40743	-2.45441	0.000425693	0.207095	-4.82871	9.89036	12.4745	1.12113	1
cg12294334	0.0663454	0.591615	-1.69029	0.00206189	0.330796	-3.02301	0.00656502	0.40661	-2.45936	0.0261147	0.510275	-1.95973	7.4099	7.62488	0.914677	1
cg04755662	0.0601698	0.499124	-2.00351	0.00299294	0.263268	-3.79841	0.410824	0.759068	-1.31741	0.00483211	0.293696	-3.40488	7.3052	12.4302	1.51249	1
cg12180028	0.112984	0.591828	-1.68968	0.00409982	0.310055	-3.22524	0.0885257	0.564754	-1.77068	0.0131578	0.392664	-2.54671	7.12784	10.4377	1.30165	1
cg26003280	0.529687	1.31269	1.31269	0.130432	2.00975	2.00975	0.904987	0.950251	-1.05235	0.000592434	0.103642	-9.64862	6.37551	18.4396	2.57089	1
cg20265337	0.702551	0.862878	-1.15891	0.000439065	0.118285	-8.45416	0.545708	1.26496	1.26496	0.0239583	0.355098	-2.81612	5.9544	13.9332	2.07999	1
cg10164191	0.220886	0.632669	-1.58061	0.0345711	0.416168	-2.40288	0.213506	0.627515	-1.59359	0.00234954	0.220885	-4.52723	5.218	10.4582	1.78155	1
cg20878850	0.0651713	0.419546	-2.38353	0.00658804	0.227606	-4.39355	0.415311	0.705177	-1.41808	0.0296824	0.341724	-2.92634	3.7299	10.397	2.47777	1
cg02625237	0.709023	0.869175	-1.15052	0.211639	0.611292	-1.63588	0.959704	1.01908	1.01908	0.0010945	0.165065	-6.05823	5.94259	13.1675	1.96959	1
cg01218690	0.0459458	0.34325	-2.91333	0.250395	0.570395	-1.75317	0.0208274	0.27245	-3.67039	0.983014	0.990098	-1.01	3.68227	12.7426	3.07602	1
cg01814235	0.00580647	0.331389	-3.0176	0.00054614	0.1936	-5.1653	0.246073	1.44893	1.44893	0.0311651	0.461588	-2.16643	13.4682	19.9321	1.3155	1
cg18001119	0.764828	1.09214	1.09214	0.358565	1.31963	1.31963	0.377237	1.30498	1.30498	0.445987	0.795943	-1.25637	12.0964	16.5352	1.21507	1
cg25466805	0.0117118	0.537461	-1.8606	3.90E-05	4.72546	4.72546	0.000160597	0.280569	-3.56418	0.000934852	0.377688	-2.64769	25.9593	15.9796	0.547166	1
cg23249399	0.00198758	0.462352	-2.16285	0.25534	1.23341	1.23341	0.297241	0.826214	-1.21034	0.0575206	0.684232	-1.46149	14.8237	7.3265	0.439325	1
cg21714809	0.0282675	1.46535	1.46535	1.49E-05	3.76252	3.76252	0.14482	0.793714	-1.2599	0.00398165	0.564881	-1.77028	13.8703	4.78118	0.306406	1
cg20513950	0.0269627	0.208496	-4.79625	0.00121304	17.0335	17.0335	0.0662414	0.291388	-3.43185	0.535225	0.686722	-1.45619	9.1983	52.1866	5.04311	1
cg01334972	0.0818402	0.361359	-2.76733	0.000425029	19.0307	19.0307	0.293305	0.562444	-1.77796	0.721178	0.827648	-1.20824	6.84059	30.1891	3.92287	1
cg10495997	0.551807	1.08253	1.08253	0.504508	1.09331	1.09331	0.0753961	1.2979	1.2979	0.330656	0.876147	-1.14136	4.56883	1.25552	0.244267	1
cg07031551	0.291958	0.551189	-1.81426	0.000842262	15.4159	15.4159	0.25499	0.523374	-1.91068	0.583281	0.739467	-1.35233	4.27731	20.1051	4.17815	1
cg16044480	0.398461	1.2093	1.2093	0.00662527	2.17007	2.17007	0.172132	1.37643	1.37643	0.320996	0.798193	-1.25283	4.19213	3.20853	0.680327	1
cg14476630	0.00848819	0.180797	-5.53106	0.0148593	0.217547	-4.59672	0.497016	1.42056	1.42056	0.1921	0.495139	-2.01964	4.10771	16.8607	3.64857	1
cg01380194	0.136061	1.32675	1.32675	0.0128489	1.72258	1.72258	0.470172	1.13806	1.13806	0.845841	0.966318	-1.03486	4.01311	1.9692	0.43617	1
cg04827223	0.52597	1.18563	1.18563	0.0815585	0.599591	-1.6678	0.292154	1.33589	1.33589	0.0581751	0.567051	-1.76351	4.00027	4.44818	0.988416	1
cg21931656	0.304025	0.587686	-1.70159	0.0179516	4.2039	4.2039	0.140158	0.452696	-2.20899	0.279741	0.570574	-1.75262	3.66357	14.4678	3.51032	1
cg00238848	0.211052	1.37171	1.37171	2.53E-05	9.38231	9.38231	4.89E-05	7.56441	7.56441	0.00114206	3.36475	3.36475	33.6604	29.5443	0.682669	1
cg24181911	0.852119	1.04069	1.04069	0.0165646	1.86928	1.86928	0.569939	1.13057	1.13057	0.229977	0.764001	-1.3089	17.8006	12.8779	0.643067	1
cg16617141	0.0136458	2.75197	2.75197	8.21E-05	10.5385	10.5385	0.0058223	3.31432	3.31432	0.0612948	2.01303	2.01303	9.95471	17.3584	1.54999	1
cg27058763	0.000773577	0.344904	-2.89936	0.00188049	0.401937	-2.48796	0.438981	1.16714	1.16714	0.00921442	0.511368	-1.95554	10.1312	5.98566	0.459523	1
cg09700598	0.273456	0.855473	-1.16894	0.000185245	2.37461	2.37461	0.117576	1.26214	1.26214	0.478107	1.10382	1.10382	6.15943	1.83009	0.264107	1
cg24958612	0.34504	0.716843	-1.39501	0.934629	0.972311	-1.02848	0.0508113	2.14176	2.14176	0.812408	1.08478	1.08478	4.98673	9.25356	1.64946	1
cg00350448	0.10562	0.415005	-2.40961	0.00158902	0.104876	-9.53505	0.024081	0.262251	-3.81314	0.0341123	0.292248	-3.42175	4.97936	19.5184	3.48432	1
cg01589860	0.0187429	0.156681	-6.3824	0.0127164	0.133345	-7.49932	0.017168	0.151104	-6.61798	0.109239	0.320954	-3.11571	4.6581	31.239	5.96122	1
cg18769818	0.0713424	0.458931	-2.17898	0.000579648	0.127677	-7.83229	0.848057	0.928506	-1.077	0.0404388	0.400395	-2.49754	6.14405	14.5523	2.10536	1
cg16695389	0.0193681	0.396716	-2.5207	0.0248545	0.417628	-2.39447	0.0682004	0.512894	-1.94972	0.0597112	0.499209	-2.00317	3.55852	6.02499	1.50499	1
cg08343347	0.124773	0.63203	-1.5822	0.000587911	0.23078	-4.33313	0.840522	1.0572	1.0572	0.00471463	0.354625	-2.81988	12.1134	14.6245	1.07316	1
cg13802354	0.0150022	0.332506	-3.00746	0.000635982	0.144853	-6.90356	0.891735	0.951088	-1.05143	0.0149325	0.332141	-3.01077	7.52433	16.1598	1.90904	1
cg22518157	0.938362	1.02048	1.02048	0.31366	1.31415	1.31415	0.974874	0.991777	-1.00829	0.0560498	0.567031	-1.76357	6.59545	7.17892	0.967525	1
cg15127324	0.00335135	2.20935	2.20935	0.420488	0.84922	-1.17755	0.0325925	1.64325	1.64325	0.234118	1.28107	1.28107	3.87866	2.42251	0.555177	1
cg24628076	0.000808569	1.94176	1.94176	2.06E-05	0.304231	-3.28697	0.704444	0.954315	-1.04787	0.675976	0.949724	-1.05294	22.0306	5.1351	0.181292	1
cg11136562	0.530558	0.906136	-1.10359	0.4922	1.1143	1.1143	0.00417597	0.551282	-1.81395	0.00173341	0.499986	-2.00006	12.6828	4.83497	0.338865	1
cg10621012	0.226679	0.692146	-1.44478	0.95447	1.01669	1.01669	0.00222932	0.288924	-3.46112	0.00410567	0.327563	-3.05284	6.98835	9.30057	1.18299	1
cg13712023	?	?	?	0.00461948	0.120837	-8.27565	0.00884561	0.154325	-6.47982	0.148024	0.418878	-2.38733	7.02803	31.1098	4.42653	1
cg04321580	0.107854	1.30196	1.30196	0.00394216	0.558071	-1.79189	0.982997	1.00321	1.00321	0.244573	0.832705	-1.2009	3.94098	1.41175	0.31842	1
cg23210049	0.814511	0.955391	-1.04669	0.000678779	0.364762	-2.74152	0.655383	1.09114	1.09114	0.492466	0.873399	-1.14495	3.56407	2.1283	0.530804	1
cg00487506	0.185859	1.89007	1.89007	0.511288	0.739071	-1.35305	0.00287175	6.43178	6.43178	0.0353676	3.0405	3.0405	3.41193	11.1307	2.89981	1
cg05415840	0.255751	0.571734	-1.74907	0.0810694	0.401934	-2.48797	0.0203673	0.267799	-3.73414	0.621803	1.26404	1.26404	3.39845	11.9525	3.12626	1
cg13807341	0.000647935	0.54259	-1.84301	0.000487385	0.527926	-1.89421	0.0276337	1.35574	1.35574	0.000311401	0.504849	-1.98079	19.8225	4.28802	0.192285	1
cg00558376	0.0883173	1.20729	1.20729	0.00813014	1.40411	1.40411	0.000144225	1.92689	1.92689	0.037073	1.27444	1.27444	19.313	3.06934	0.141268	1
cg11094953	6.39E-05	0.0222664	-44.9107	0.182607	0.513991	-1.94556	0.686847	1.20818	1.20818	0.142103	2.10469	2.10469	13.0363	39.0583	2.6216	1
cg26475285	0.000512191	0.32282	-3.0977	0.000620288	0.333601	-2.9976	0.0838322	0.671141	-1.49	0.00914355	0.501537	-1.99387	8.99794	6.19116	0.611613	1
cg17643109	0.37076	0.829374	-1.20573	0.191741	1.32487	1.32487	0.193774	1.32297	1.32297	0.0276124	1.69925	1.69925	8.04448	5.27907	0.58332	1
cg14762010	0.883777	0.988046	-1.0121	0.000938036	0.666416	-1.50056	0.945903	0.994436	-1.00559	0.0757326	1.17647	1.17647	4.61791	0.494378	0.0951616	1
cg01864807	0.0704357	0.51454	-1.94348	0.360289	0.734126	-1.36216	0.387805	1.33761	1.33761	0.38877	1.33678	1.33678	4.07889	6.97655	1.52036	1
cg02334660	0.414224	1.17848	1.17848	0.0300071	1.65244	1.65244	0.580651	0.896024	-1.11604	0.254178	1.264	1.264	8.77034	5.37746	0.545015	1
cg15529290	0.0662758	0.800469	-1.24927	0.00325243	0.648201	-1.54273	0.978224	0.997055	-1.00295	0.857963	0.980831	-1.01954	8.00571	1.48005	0.164332	1
cg26611070	0.727439	1.07275	1.07275	0.0569399	1.54089	1.54089	0.480432	0.865931	-1.15483	0.468767	1.15944	1.15944	6.48274	4.13538	0.567028	1
cg02009651	0.52778	1.22397	1.22397	0.021519	0.417984	-2.39244	0.0557539	1.98325	1.98325	0.244605	0.680759	-1.46895	4.38655	6.93393	1.40509	1
cg03244277	0.701109	1.1258	1.1258	0.00606699	0.33253	-3.00725	0.256397	1.43906	1.43906	0.150943	0.623184	-1.60466	3.65319	4.85515	1.32902	1
cg26432195	0.000245325	0.367867	-2.71837	1.26E-05	0.219294	-4.56009	0.0428586	1.46915	1.46915	0.00980298	0.583389	-1.71412	30.686	13.2386	0.383485	1
cg12525736	0.0174961	0.795246	-1.25747	0.000484483	0.648309	-1.54247	0.497902	0.946949	-1.05602	0.358067	0.927865	-1.07774	10.9767	1.09094	0.0883443	1
cg27552960	0.000174833	0.256727	-3.89519	0.495109	0.862495	-1.15943	0.774297	1.06332	1.06332	0.0125145	0.515105	-1.94135	8.98269	6.48731	0.641957	1
cg21005525	0.00530883	0.324648	-3.08026	0.00457577	0.314709	-3.17754	0.24295	1.45379	1.45379	0.172218	0.640851	-1.56042	7.75012	11.5103	1.32016	1
cg18167715	0.603431	1.10905	1.10905	0.000404927	0.32945	-3.03536	0.0194514	0.572403	-1.74702	0.980991	0.995306	-1.00472	5.5564	3.43241	0.549102	1
cg21282883	0.000342306	0.35128	-2.84673	0.304448	0.824516	-1.21283	0.457138	1.14727	1.14727	0.303118	1.21352	1.21352	4.85071	2.52892	0.463423	1
cg21142743	0.477334	0.766723	-1.30425	0.00394689	0.240378	-4.16012	0.150042	1.76351	1.76351	0.0868962	0.499016	-2.00394	4.34172	9.29444	1.90287	1
cg06347212	0.332216	0.829316	-1.20581	0.383722	1.18188	1.18188	0.519595	0.885031	-1.1299	0.730699	1.06678	1.06678	4.25652	2.35964	0.492763	1
cg22483742	0.00839009	0.136547	-7.32348	0.00806384	0.134448	-7.43781	0.633571	1.32839	1.32839	0.0477745	0.262297	-3.81248	4.01003	22.2043	4.92195	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05640322	ARF1;ARF1;ARF1;ARF1	0.0353398	0.51363	0.666304	-1.50082	0.881342	1.09587	1.09587	0.990572	0.992784	-1.00727	0.352487	0.556315	-1.79754	0.0046667	0.0996897	-10.0311
cg18882687	ARF1;ARF1;ARF1;ARF1	0.0365801	0.712638	0.823405	-1.21447	0.0348005	3.64091	3.64091	0.738081	1.19276	1.19276	0.900212	1.06811	1.06811	0.784545	0.865935	-1.15482
cg22662905	ARF3	0.0173551	0.25168	0.863395	-1.15822	0.0191123	1.41603	1.41603	0.648712	0.945298	-1.05787	0.806323	1.03059	1.03059	0.216892	0.852685	-1.17277
cg01518465	ARF3	0.0212198	0.121637	0.777404	-1.28633	0.983216	0.996849	-1.00316	0.612257	1.07971	1.07971	0.776271	0.958149	-1.04368	0.53479	0.909988	-1.09892
cg23670415	ARF4	0.00137335	0.802149	1.10106	1.10106	0.0715757	2.16301	2.16301	0.398858	1.39264	1.39264	3.36E-05	0.0458203	-21.8244	0.59336	0.813286	-1.22958
cg02491003	ARF4	0.0149795	0.0276555	0.221804	-4.50848	0.00961228	0.150165	-6.65935	0.199828	0.456848	-2.18891	0.330759	0.55964	-1.78686	0.00939756	0.148885	-6.71659
cg26652484	ARF4	0.0171061	0.300672	1.22004	1.22004	0.0137162	1.75974	1.75974	0.000549015	2.70559	2.70559	0.889376	1.02615	1.02615	0.0820564	1.42945	1.42945
cg25968247	ARF4	0.02814	0.0134386	0.449848	-2.22297	0.152779	0.670537	-1.49134	0.715842	1.10012	1.10012	0.558841	1.16683	1.16683	0.00532076	0.383481	-2.60769
cg12443367	ARF4	0.0304928	0.117445	0.648924	-1.54101	0.0732306	0.601669	-1.66204	0.23391	0.72807	-1.37349	0.128046	1.51953	1.51953	0.0590005	1.71989	1.71989
cg08957289	ARF4	0.0490516	0.791646	0.915871	-1.09186	0.412389	0.757162	-1.32072	0.553814	1.21992	1.21992	0.932159	0.972135	-1.02866	0.0105232	0.343548	-2.9108
cg26668836	ARF5	0.00482281	0.440823	0.897691	-1.11397	0.00192999	1.8268	1.8268	0.0102718	1.55914	1.55914	0.423986	0.893938	-1.11865	0.0911327	0.774529	-1.29111
cg12288726	ARF5	0.00509575	0.152884	1.49806	1.49806	0.509979	1.19298	1.19298	0.457443	1.22114	1.22114	0.252822	1.37072	1.37072	0.000524253	4.16646	4.16646
cg15802323	ARF5	0.00532868	0.703667	1.08054	1.08054	0.00150119	2.52774	2.52774	0.00158469	2.50703	2.50703	0.078252	1.48662	1.48662	0.33978	1.22068	1.22068
cg14377205	ARF6	7.78E-06	0.318203	1.11516	1.11516	0.00640599	0.687475	-1.4546	0.00116682	0.604345	-1.65469	2.58E-06	0.301406	-3.31779	4.92E-07	0.2258	-4.42871
cg10940217	ARF6	0.00231241	?	?	?	0.365078	1.51446	1.51446	0.37018	1.50746	1.50746	?	?	?	0.401299	0.681723	-1.46687
cg10156217	ARF6	0.0131054	0.00125267	0.210301	-4.75509	0.14009	0.591408	-1.69088	0.749315	0.899356	-1.11191	0.0145065	0.36918	-2.70871	0.0180173	0.386448	-2.58767
cg10380165	ARF6	0.0407951	0.522838	1.09774	1.09774	0.0678447	0.744895	-1.34247	0.666292	0.939439	-1.06446	0.384006	0.879388	-1.13716	0.00298461	0.556235	-1.7978
cg04555287	ARFGAP1;ARFGAP1	0.000768087	0.0239241	0.793558	-1.26015	0.0325933	0.806839	-1.2394	0.0824691	0.84784	-1.17947	0.0683021	0.83932	-1.19144	0.0693123	1.19051	1.19051
cg03059876	ARFGAP1;ARFGAP1	0.00132569	0.00361637	0.253657	-3.94233	0.00847215	0.310166	-3.22408	0.012521	0.338941	-2.95037	0.227417	0.643168	-1.5548	0.00395807	0.259276	-3.85689
cg04753561	ARFGAP1;ARFGAP1	0.00162257	0.00115114	2.70194	2.70194	0.0154647	1.8554	1.8554	0.00432774	2.21112	2.21112	0.00232829	2.42204	2.42204	0.00869808	2.00509	2.00509
cg12073594	ARFGAP1;ARFGAP1	0.00171211	0.00036386	0.2889	-3.46141	0.96893	1.0085	1.0085	0.13097	0.701593	-1.42533	0.00513077	0.447782	-2.23323	0.00122845	0.357951	-2.79368
cg18082240	ARFGAP1;ARFGAP1	0.00508914	0.456981	0.931795	-1.0732	0.0056384	0.712631	-1.40325	0.000384841	0.589586	-1.6961	0.704157	1.03622	1.03622	0.32432	0.909443	-1.09957
cg18168672	ARFGAP1;ARFGAP1	0.0066733	0.00698044	0.317702	-3.14761	0.0126509	0.361122	-2.76915	0.031006	0.435137	-2.29813	0.0394259	0.457059	-2.1879	0.00599005	0.307166	-3.25557
cg15561356	ARFGAP1;ARFGAP1	0.0156384	?	?	?	0.606098	1.32967	1.32967	0.163574	2.25793	2.25793	0.756184	0.843149	-1.18603	0.489331	0.680638	-1.46921
cg26538736	ARFGAP1;ARFGAP1	0.0294794	0.344538	0.828773	-1.2066	0.581185	0.898386	-1.11311	0.377221	0.839726	-1.19086	0.0492541	0.644005	-1.55278	0.0938879	0.698374	-1.4319
cg04480227	ARFGAP1;ARFGAP1	0.038611	0.308829	0.712011	-1.40447	0.120814	1.72039	1.72039	0.541162	1.22078	1.22078	?	?	?	0.00764149	3.02187	3.02187
cg10461088	ARFGAP2	0.000881214	0.0656252	0.705949	-1.41653	0.0256736	1.56309	1.56309	0.000109777	3.15093	3.15093	0.119968	1.32884	1.32884	0.534629	1.11181	1.11181
cg23310813	ARFGAP2	0.00802351	0.644072	0.924042	-1.0822	0.0191682	1.6181	1.6181	0.0254406	1.56984	1.56984	0.392175	0.861697	-1.1605	0.392361	0.861749	-1.16043
cg16733769	ARFGAP2	0.0170372	0.0732093	2.21625	2.21625	0.00253102	5.30963	5.30963	0.0107025	3.58869	3.58869	0.195519	1.72513	1.72513	0.704	1.16421	1.16421
cg22284030	ARFGAP2	0.0176261	0.0143159	0.234891	-4.25729	0.678221	1.22156	1.22156	0.229657	0.546299	-1.8305	0.0904277	0.408645	-2.44711	0.00247223	0.132847	-7.52748
cg17891278	ARFGAP2	0.0178643	0.0218709	0.668944	-1.49489	0.392656	1.13654	1.13654	0.0700598	1.34448	1.34448	0.173624	0.809303	-1.23563	0.0897644	1.31436	1.31436
cg18809522	ARFGAP2	0.0438066	0.247159	0.850243	-1.17613	0.114097	1.25916	1.25916	0.00218903	0.562133	-1.77894	0.56002	1.08222	1.08222	0.130946	1.2444	1.2444
cg23778094	ARFGAP3;ARFGAP3	0.0036579	0.00538522	0.286843	-3.48622	0.0356419	0.434546	-2.30125	0.302879	0.695073	-1.4387	0.890144	1.04823	1.04823	8.25E-05	0.0891823	-11.213
cg00539564	ARFGAP3;ARFGAP3	0.0394037	0.0147944	0.184589	-5.41745	0.812958	0.874993	-1.14287	0.924519	0.948012	-1.05484	0.959902	0.972072	-1.02873	0.00178162	0.0816198	-12.2519
cg20456954	ARFGEF1	0.000154874	0.0133496	0.638416	-1.56638	0.000100357	0.364251	-2.74536	0.000105829	0.367038	-2.72451	0.159246	1.2464	1.2464	0.033959	1.43685	1.43685
cg10311161	ARFGEF1	0.000388551	0.000461994	0.238252	-4.19724	0.00941204	0.424496	-2.35574	0.0227241	0.491745	-2.03357	0.000700761	0.260477	-3.83912	7.11E-05	0.151779	-6.58851
cg18051353	ARFGEF1	0.0313182	0.111229	2.71592	2.71592	0.0275091	4.48738	4.48738	0.0487898	3.65416	3.65416	0.0498116	3.62718	3.62718	0.231453	2.06017	2.06017
cg12271082	ARFGEF1	0.0443593	0.862269	0.967229	-1.03388	0.204491	0.773422	-1.29295	0.00818199	1.91427	1.91427	0.232607	0.786478	-1.27149	0.181801	1.31254	1.31254
cg17657707	ARFGEF2	0.000486017	0.0234598	0.581855	-1.71864	0.467988	0.862657	-1.15921	0.00606429	0.488224	-2.04824	0.431568	0.851636	-1.17421	0.000288069	0.306144	-3.26644
cg20625065	ARFGEF2	0.00288252	0.0188151	1.28122	1.28122	0.00363783	0.70994	-1.40857	0.000772061	0.641954	-1.55774	0.418495	0.930545	-1.07464	0.570211	0.951267	-1.05123
cg09345431	ARFGEF2	0.00333925	0.457812	0.896026	-1.11604	0.566434	1.08779	1.08779	0.0619937	1.35683	1.35683	0.0290835	0.688323	-1.45281	0.0273388	0.684468	-1.46099
cg24145099	ARFGEF2	0.0242191	0.126047	1.38472	1.38472	0.0982496	1.42847	1.42847	0.217923	1.29028	1.29028	0.726074	1.07161	1.07161	0.52403	1.13538	1.13538
cg13031595	ARFGEF2	0.0349139	0.0805288	1.49665	1.49665	0.449008	0.851725	-1.17409	0.399426	1.19656	1.19656	0.663499	0.912956	-1.09534	0.929514	1.01857	1.01857
cg14249174	ARFIP1;ARFIP1;ARFIP1	0.00110715	0.0123727	0.430498	-2.32289	0.00325224	0.331809	-3.01378	0.0010807	0.26046	-3.83937	?	?	?	0.530194	0.846642	-1.18114
cg19956078	ARFIP1;ARFIP1;ARFIP1	0.00332597	0.307149	0.878045	-1.13889	0.000554177	0.5172	-1.93349	0.0135833	0.686815	-1.456	0.722572	0.957093	-1.04483	0.000786205	0.535558	-1.86721
cg09689478	ARFIP1;ARFIP1;ARFIP1	0.0143445	0.00701218	0.315392	-3.17066	0.654082	0.861322	-1.16101	0.428672	0.765343	-1.3066	0.130015	1.71825	1.71825	0.00292753	0.258506	-3.86838
cg15009431	ARFIP1;ARFIP1;ARFIP1	0.026059	0.141903	0.64759	-1.54419	0.0111523	0.416744	-2.39955	0.695234	0.897332	-1.11442	0.645684	0.880401	-1.13585	0.367899	0.77532	-1.28979
cg26407106	ARFIP1;ARFIP1;TIGD4;ARFIP1	0.0156826	0.133702	2.80951	2.80951	0.949241	1.041	1.041	0.521413	1.50841	1.50841	?	?	?	0.421788	1.68146	1.68146
cg16843689	ARFIP1;ARFIP1;TIGD4;ARFIP1	0.0230787	0.133765	0.606353	-1.6492	0.432237	1.2814	1.2814	0.697931	1.12824	1.12824	0.209096	0.663924	-1.5062	0.217096	1.49444	1.49444
cg06649520	ARFIP1;TIGD4;ARFIP1;ARFIP1;TIGD4	0.0150484	0.00361638	0.593351	-1.68534	0.396289	1.12202	1.12202	0.215964	0.841488	-1.18837	0.179352	0.827761	-1.20808	0.311837	1.14874	1.14874
cg17403702	ARFIP2	0.00837156	0.47925	0.928906	-1.07654	0.303187	0.896417	-1.11555	0.611144	0.948784	-1.05398	0.523769	0.935899	-1.06849	0.228515	0.87846	-1.13836
cg04345475	ARFIP2;FXC1	1.62E-05	5.72E-07	0.264754	-3.77709	0.546486	0.94299	-1.06046	0.232102	0.88644	-1.12811	0.605864	1.05134	1.05134	0.00104299	1.59494	1.59494
cg25219333	ARFIP2;FXC1	0.00159123	0.000277598	0.139029	-7.19275	0.825866	1.07581	1.07581	0.0235146	0.407699	-2.45279	0.369756	0.736763	-1.35729	0.0414017	0.45835	-2.18174
cg19728936	ARFRP1;ARFRP1	0.00512575	0.0102504	0.565199	-1.76929	0.999955	1.00001	1.00001	0.166721	1.29687	1.29687	0.401658	0.859547	-1.1634	0.0240658	1.60711	1.60711
cg08554554	ARFRP1;ARFRP1	0.00779693	0.000943323	0.104137	-9.60277	0.633843	0.802441	-1.2462	0.0566835	0.371797	-2.68964	0.0269016	0.300553	-3.3272	0.0623937	0.382112	-2.61703
cg22777832	ARFRP1;ZGPAT;ZGPAT;ARFRP1;ARFRP1;ZGPAT;ARFRP1	0.0227808	0.0582688	1.2693	1.2693	0.00564097	0.667114	-1.49899	0.930992	0.990395	-1.0097	0.096222	0.815833	-1.22574	0.0213441	0.734727	-1.36105
cg16400469	ARFRP1;ZGPAT;ZGPAT;ARFRP1;ARFRP1;ZGPAT;ARFRP1	0.0311427	0.559251	1.19664	1.19664	0.805745	1.07778	1.07778	0.052967	1.95149	1.95149	0.00880667	0.362766	-2.7566	0.0892431	1.76774	1.76774
cg17705079	ARFRP1;ZGPAT;ZGPAT;ZGPAT;ARFRP1	0.000884991	0.142679	0.706378	-1.41567	0.134096	1.42848	1.42848	0.79742	1.05774	1.05774	?	?	?	0.00311343	0.395078	-2.53114
cg16209860	ARFRP1;ZGPAT;ZGPAT;ZGPAT;ARFRP1	0.0113981	0.0950333	0.649905	-1.53869	0.0977093	1.53238	1.53238	0.421483	1.21276	1.21276	0.0632446	1.63352	1.63352	0.0655385	0.615371	-1.62504
cg03873930	ARFRP1;ZGPAT;ZGPAT;ZGPAT;ARFRP1	0.0278981	0.00703011	0.122469	-8.1653	0.0299086	0.214495	-4.66211	0.708225	0.797283	-1.25426	0.219478	0.459267	-2.17738	0.0108796	0.145632	-6.8666
cg01699630	ARG1	0.0103487	0.00742717	0.444406	-2.2502	0.254637	1.32282	1.32282	0.781272	0.936628	-1.06766	0.0901073	0.644457	-1.5517	0.00297165	0.383327	-2.60874
cg02862362	ARG1	0.0203595	0.169796	0.533439	-1.87463	0.00477816	0.199965	-5.00087	0.00877099	0.238238	-4.19749	0.711806	0.852605	-1.17288	0.00590285	0.212702	-4.70141
cg04822973	ARG2	0.00126364	0.0005271	0.680848	-1.46876	0.0404708	1.18345	1.18345	0.0253885	1.2082	1.2082	0.158227	0.898191	-1.11335	0.474631	0.949563	-1.05312
cg16682385	ARG2	0.00207302	0.336037	1.45286	1.45286	0.436406	1.34782	1.34782	0.311965	0.674308	-1.483	0.627891	1.20114	1.20114	3.32E-05	0.0339513	-29.454
cg23702868	ARG2	0.0206316	0.91456	0.954731	-1.04742	0.693179	0.842678	-1.18669	0.884673	1.06465	1.06465	0.504747	1.33934	1.33934	0.11913	2.07525	2.07525
cg09360748	ARG2	0.03463	0.0992392	0.618319	-1.61729	0.0469927	1.83094	1.83094	0.226149	1.40228	1.40228	0.403443	0.796567	-1.25539	0.568754	1.16559	1.16559
cg21910736	ARGFX	0.000324233	0.0260071	0.698373	-1.4319	0.744256	0.956496	-1.04548	1.86E-05	0.305793	-3.27019	0.221089	0.839643	-1.19098	4.75E-05	0.35303	-2.83262
cg07707817	ARGFX	0.00107697	0.000723607	0.153144	-6.52979	0.122209	0.542687	-1.84268	0.00121152	0.177489	-5.63415	0.888483	0.950092	-1.05253	0.00505439	0.258529	-3.86804
cg26130383	ARGFX	0.00881891	0.00859764	0.181114	-5.52138	0.0565879	0.332756	-3.0052	0.307915	0.583865	-1.71272	0.833627	1.1132	1.1132	0.00863961	0.181411	-5.51236
cg03031322	ARGFX	0.00997045	0.931447	0.989977	-1.01012	0.266884	0.873337	-1.14503	0.0659374	0.785405	-1.27323	0.193112	0.851077	-1.17498	0.842108	1.02363	1.02363
cg25771052	ARGFX	0.0227186	0.445849	1.18561	1.18561	0.0168356	0.527818	-1.89459	0.020649	0.542994	-1.84164	0.0125038	0.506234	-1.97537	0.0102893	0.492405	-2.03085
cg25086840	ARGFX;ARGFX	0.0334926	0.580721	0.936882	-1.06737	0.0308744	1.3448	1.3448	0.246718	1.15207	1.15207	0.0123144	0.6947	-1.43947	0.186153	0.848906	-1.17799
cg25539759	ARGLU1	0.00202019	0.667046	0.915548	-1.09224	0.0132963	1.86892	1.86892	0.0365666	0.609404	-1.64095	0.0694399	1.51289	1.51289	0.0321774	0.599591	-1.6678
cg04715525	ARGLU1	0.00222777	0.00252086	0.612071	-1.6338	0.0451253	1.30872	1.30872	0.00152427	1.70602	1.70602	0.0544284	0.774584	-1.29102	0.0236018	0.728792	-1.37213
cg08453322	ARGLU1	0.00330446	0.744797	0.969411	-1.03155	0.0228628	1.29563	1.29563	0.0841364	1.19932	1.19932	0.000775007	0.61639	-1.62235	0.00757964	1.38636	1.38636
cg20069115	ARGLU1	0.00465036	0.994028	1.00289	1.00289	0.76037	0.888654	-1.1253	0.346267	0.687777	-1.45396	?	?	?	0.000137786	0.0785948	-12.7235
cg19965868	ARGLU1	0.0107302	0.140527	1.22157	1.22157	0.0566438	0.761579	-1.31306	0.790485	1.03418	1.03418	0.00968779	0.661562	-1.51157	0.361161	0.888255	-1.1258
cg09754991	ARGLU1	0.0130186	0.0948799	0.825699	-1.2111	0.00110011	1.65224	1.65224	0.240577	1.13679	1.13679	0.749826	1.03395	1.03395	0.657813	1.04761	1.04761
cg11710912	ARGLU1	0.040552	0.144807	0.581133	-1.72078	0.984424	1.00679	1.00679	0.0451899	0.450945	-2.21756	0.652431	0.85459	-1.17015	0.18171	0.611807	-1.6345
cg17420619	ARHGAP1	0.00397675	0.825155	1.06324	1.06324	0.000567656	0.227653	-4.39264	0.620927	1.14817	1.14817	0.964958	0.987898	-1.01225	0.0022142	0.304682	-3.28211
cg15637527	ARHGAP1	0.0138856	0.0280957	0.415388	-2.40739	0.011826	0.344857	-2.89975	0.00646874	0.301445	-3.31736	0.052832	0.474517	-2.10741	0.00408181	0.271051	-3.68934
cg01782668	ARHGAP10	0.00157002	0.0644035	0.68251	-1.46518	0.000271801	2.99562	2.99562	0.000823802	2.52519	2.52519	0.784919	0.950951	-1.05158	0.3732	0.845303	-1.18301
cg05816000	ARHGAP10	0.00199776	0.230826	0.719527	-1.3898	0.0153807	0.458936	-2.17895	0.0132326	0.447491	-2.23468	0.806882	1.06624	1.06624	0.199062	1.42668	1.42668
cg16079898	ARHGAP10	0.00289311	0.451561	0.854923	-1.1697	0.00214586	0.414385	-2.41321	0.0121283	0.527825	-1.89457	0.189228	0.752605	-1.32872	0.642641	0.908926	-1.1002
cg15562399	ARHGAP10	0.00447303	0.0451913	0.813895	-1.22866	0.0194222	1.2882	1.2882	0.000582604	1.61059	1.61059	0.399445	1.08037	1.08037	0.0479578	0.81659	-1.2246
cg20111118	ARHGAP10	0.00769584	0.108765	0.778556	-1.28443	0.648942	0.936518	-1.06779	0.385555	0.88047	-1.13576	0.0543403	1.36676	1.36676	0.124081	0.787953	-1.26911
cg17598704	ARHGAP10	0.00881861	0.919392	1.0107	1.0107	0.11124	0.833268	-1.20009	0.310079	0.895451	-1.11676	0.0434195	1.27659	1.27659	0.384989	0.91061	-1.09817
cg24243429	ARHGAP10	0.0132678	0.145086	0.792606	-1.26166	0.124522	1.28021	1.28021	0.00032189	2.37356	2.37356	0.684329	1.06259	1.06259	0.107972	1.29759	1.29759
cg03553407	ARHGAP10	0.0147799	0.00349043	0.212516	-4.70552	0.00181145	0.176718	-5.65872	0.077338	0.46424	-2.15406	0.333156	0.676984	-1.47714	0.0206284	0.336412	-2.97255
cg26282731	ARHGAP10	0.0171837	0.00217985	0.236024	-4.23687	0.139284	0.586053	-1.70633	0.0304576	0.425667	-2.34926	0.0647881	0.498324	-2.00673	0.00371155	0.268075	-3.7303
cg27448532	ARHGAP10	0.0205743	0.00471848	0.174107	-5.74358	0.0680835	0.386219	-2.58921	0.0750933	0.397367	-2.51657	0.463283	0.706367	-1.41569	0.00244421	0.140393	-7.12288
cg18583381	ARHGAP10	0.0280095	0.13905	0.726313	-1.37682	0.613441	1.10772	1.10772	0.00211027	2.38263	2.38263	0.780712	1.05765	1.05765	0.904658	1.02436	1.02436
cg15247500	ARHGAP10	0.0425309	0.0435453	0.595474	-1.67933	0.83754	0.955177	-1.04693	0.0329841	0.572935	-1.7454	0.359191	0.810114	-1.23439	0.00243945	0.389802	-2.56541
cg17876581	ARHGAP10	0.0488565	0.259124	0.788935	-1.26753	0.583237	0.894422	-1.11804	0.501364	0.871607	-1.14731	0.594106	1.11439	1.11439	0.397126	1.19077	1.19077
cg20080997	ARHGAP11A;ARHGAP11A	0.00537024	0.00318272	0.337356	-2.96423	0.00726068	2.54523	2.54523	0.00238137	3.1346	3.1346	0.0976746	0.612505	-1.63264	0.767162	1.08339	1.08339
cg18707845	ARHGAP11A;ARHGAP11A	0.0162333	0.00984572	0.0603408	-16.5725	0.0646047	0.167534	-5.96896	0.0415336	0.132287	-7.55931	0.668867	0.690524	-1.44818	0.0334771	0.117864	-8.48433
cg22027004	ARHGAP11A;ARHGAP11A	0.0211291	0.0175208	1.37385	1.37385	0.042934	0.774199	-1.29166	0.0913306	0.815242	-1.22663	0.0607761	1.26139	1.26139	0.368731	1.10674	1.10674
cg18739374	ARHGAP11B	0.00149498	0.000158547	0.125696	-7.95569	0.0147603	0.381566	-2.62078	0.0303819	0.44168	-2.26408	0.00871751	0.341923	-2.92463	0.0261399	0.428543	-2.33349
cg01125329	ARHGAP11B	0.00998383	0.674054	1.06238	1.06238	0.0357171	0.704951	-1.41854	0.0317249	0.697544	-1.4336	0.667822	1.0637	1.0637	0.00480427	1.70794	1.70794
cg24941343	ARHGAP11B	0.0295161	0.935493	0.988768	-1.01136	0.369402	1.13728	1.13728	0.00871821	1.59422	1.59422	0.107991	0.782917	-1.27727	0.204476	1.20545	1.20545
cg16078685	ARHGAP11B	0.0368857	0.316764	0.770656	-1.2976	0.0340904	1.86359	1.86359	0.0437878	0.558039	-1.79199	0.038927	0.547864	-1.82527	0.447992	1.21488	1.21488
cg11466962	ARHGAP11B;ARHGAP11B	0.0251723	0.244248	0.604204	-1.65507	0.0353208	0.362869	-2.75581	0.017767	3.29401	3.29401	0.18931	1.77728	1.77728	0.84502	1.08431	1.08431
cg25648639	ARHGAP12	0.000137904	0.199979	1.33755	1.33755	0.0566253	1.58966	1.58966	0.000190137	3.86206	3.86206	0.00037553	0.294786	-3.39229	0.0017046	0.381966	-2.61804
cg26271255	ARHGAP12	0.00285311	0.0582476	1.23958	1.23958	0.343778	1.10282	1.10282	0.139869	1.17281	1.17281	0.870459	0.983756	-1.01651	0.480483	0.93056	-1.07462
ch.10.818442R	ARHGAP12	0.0105951	0.0280441	0.289969	-3.44865	0.00186691	0.121804	-8.20988	0.0339339	0.306901	-3.25838	0.0120371	0.224457	-4.4552	0.00190596	0.122694	-8.15036
cg17158149	ARHGAP12	0.011321	0.0607009	0.653053	-1.53127	0.246836	0.783478	-1.27636	0.0650439	1.51806	1.51806	0.841844	1.04108	1.04108	0.456479	1.16511	1.16511
cg18675610	ARHGAP12	0.013664	0.0495469	0.444063	-2.25193	0.10961	0.53402	-1.87259	0.714837	0.877835	-1.13917	0.670777	0.859105	-1.164	0.030734	0.397018	-2.51878
cg07981140	ARHGAP12	0.0158234	0.154132	0.836733	-1.19512	0.0871505	1.24694	1.24694	0.291993	0.880077	-1.13626	0.468245	1.09006	1.09006	0.597731	0.939679	-1.06419
cg20095920	ARHGAP12	0.0170784	0.141664	1.28079	1.28079	0.494929	0.89715	-1.11464	0.423666	0.879878	-1.13652	0.804018	0.96181	-1.03971	0.000965376	0.463234	-2.15873
cg03057072	ARHGAP12	0.022413	0.219537	0.849738	-1.17683	0.791091	1.03405	1.03405	0.633839	1.06239	1.06239	0.599284	1.06915	1.06915	0.00283318	0.595461	-1.67937
cg25617100	ARHGAP12	0.0264052	0.0160151	0.200245	-4.99388	0.0317118	0.253208	-3.94932	0.0600087	0.314334	-3.18133	0.226233	0.500025	-1.9999	0.00356571	0.116066	-8.61577
cg09110292	ARHGAP12	0.0399858	0.00319372	0.429318	-2.32928	0.0499417	0.625249	-1.59936	0.488497	0.862595	-1.15929	0.98638	1.00359	1.00359	0.0173459	0.544108	-1.83787
cg04359828	ARHGAP12	0.0485555	0.0318866	0.211904	-4.71912	0.0444013	0.240615	-4.15602	0.537851	0.680528	-1.46945	0.320417	0.53075	-1.88413	0.0163049	0.163304	-6.12355
cg14653418	ARHGAP12	0.0492058	0.0259323	3.23024	3.23024	0.438678	1.41951	1.41951	0.879191	1.06978	1.06978	0.0407855	2.85004	2.85004	0.835152	1.09682	1.09682
cg05194545	ARHGAP12	0.0494871	0.0445101	0.231675	-4.31639	0.0347214	0.210078	-4.76015	0.20014	0.42409	-2.35799	0.229021	0.449282	-2.22577	0.028037	0.193045	-5.18014
cg23498755	ARHGAP15	0.000121486	0.086715	1.36744	1.36744	0.0361928	0.668388	-1.49614	0.00139223	0.4648	-2.15146	0.00477148	1.85835	1.85835	0.000964772	0.44361	-2.25423
cg22922100	ARHGAP15	0.000945304	0.492354	1.16652	1.16652	0.587506	1.1286	1.1286	0.0278881	0.563293	-1.77528	0.0370403	0.585747	-1.70722	9.67E-05	0.216169	-4.62601
cg19867914	ARHGAP15	0.00159135	0.726458	1.04214	1.04214	0.178722	0.84546	-1.18279	0.0472019	0.765793	-1.30584	0.675422	0.95172	-1.05073	0.0614775	1.28089	1.28089
cg00859755	ARHGAP15	0.00394202	0.884465	0.977499	-1.02302	0.00194647	0.503636	-1.98556	0.00480973	0.556796	-1.79599	0.609306	1.08402	1.08402	0.0184999	0.639464	-1.56381
cg07539108	ARHGAP15	0.00801207	0.218831	0.902048	-1.10859	0.0019851	1.41646	1.41646	0.00256161	1.39572	1.39572	0.764321	1.02426	1.02426	0.0622219	0.845922	-1.18214
cg07621645	ARHGAP15	0.00874164	0.190701	0.675972	-1.47935	0.36817	0.770097	-1.29854	0.0041316	0.337264	-2.96503	0.0613193	0.551096	-1.81457	0.00138016	0.269552	-3.70986
cg21338523	ARHGAP15	0.0109296	0.0300835	0.344786	-2.90035	0.00171039	0.154267	-6.48226	0.00443265	0.204952	-4.87919	0.134875	0.510271	-1.95974	0.700751	1.1749	1.1749
cg00016324	ARHGAP15	0.0127993	0.00541851	0.429802	-2.32665	0.14296	1.43799	1.43799	0.557511	0.872088	-1.14667	0.972624	0.992114	-1.00795	0.0108586	0.478082	-2.09169
cg14851140	ARHGAP15	0.0302523	0.0442964	0.434506	-2.30147	0.0143339	0.336431	-2.97238	0.0194764	0.360974	-2.77028	0.416131	0.740923	-1.34967	0.00309958	0.232213	-4.3064
cg27492839	ARHGAP15	0.033987	0.21498	0.595411	-1.67951	0.00433408	0.21991	-4.54731	0.123845	0.515807	-1.93871	0.968831	1.01564	1.01564	0.00612273	0.241464	-4.1414
cg07409629	ARHGAP15	0.0419963	0.31242	0.670097	-1.49232	0.0614043	0.44602	-2.24205	0.271506	0.644967	-1.55047	0.653544	1.18898	1.18898	0.00361507	0.221139	-4.52204
cg18855030	ARHGAP15;ARHGAP15	0.0014997	0.00757552	0.6188	-1.61603	0.0253141	0.689663	-1.44998	0.000226529	0.424579	-2.35527	0.252214	0.846092	-1.18191	0.000733478	0.488208	-2.04831
cg08542976	ARHGAP17;ARHGAP17	1.13E-05	0.492481	0.869673	-1.14986	0.526885	1.13704	1.13704	0.252011	0.786862	-1.27087	0.570474	0.891495	-1.12171	0.00421784	0.46417	-2.15438
cg08942338	ARHGAP17;ARHGAP17	0.000691006	0.251036	0.661469	-1.51179	0.187104	0.617635	-1.61908	0.141895	1.72324	1.72324	0.0281415	0.409225	-2.44364	1.03E-05	0.0386491	-25.8738
cg27145042	ARHGAP17;ARHGAP17	0.00179982	0.00272925	0.625726	-1.59814	0.0787795	1.24759	1.24759	0.779966	1.03225	1.03225	0.628017	1.05689	1.05689	0.0110323	0.696779	-1.43518
cg00396427	ARHGAP17;ARHGAP17	0.00598909	0.000397618	0.322707	-3.09878	0.00380467	2.18806	2.18806	0.511497	0.874951	-1.14292	0.666738	1.0908	1.0908	0.781145	0.945657	-1.05747
cg09008063	ARHGAP17;ARHGAP17	0.00841624	0.0684328	1.13603	1.13603	0.0850075	1.12645	1.12645	0.00900442	1.23075	1.23075	0.0329835	1.16871	1.16871	0.197826	1.08883	1.08883
cg07069089	ARHGAP17;ARHGAP17	0.0485894	0.965167	1.01431	1.01431	0.857535	1.06019	1.06019	0.382955	0.747493	-1.33781	0.610312	1.18198	1.18198	0.900377	0.96008	-1.04158
cg12303318	ARHGAP18	0.00271983	0.0502145	0.495566	-2.0179	0.00209916	3.89911	3.89911	0.543527	1.21334	1.21334	0.00124239	4.41034	4.41034	0.018383	2.45874	2.45874
cg17556406	ARHGAP18	0.00430478	0.05588	0.472068	-2.11834	0.0520703	2.15078	2.15078	0.613681	0.838274	-1.19293	0.215602	0.636566	-1.57093	0.0044431	0.268379	-3.72607
cg13850234	ARHGAP18	0.00878842	0.156886	1.4368	1.4368	0.00483573	2.44645	2.44645	0.12318	1.49146	1.49146	0.00297061	0.376852	-2.65356	?	?	?
cg14575356	ARHGAP18	0.0175908	0.41825	0.784573	-1.27458	0.0471103	1.94724	1.94724	0.0107591	0.39066	-2.55977	0.031971	0.478489	-2.08991	0.170385	0.651644	-1.53458

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05640322	0.0778774	0.300924	-3.3231	0.00581972	0.109309	-9.14835	0.32739	1.85832	1.85832	0.0919184	0.320709	-3.11809	3.85362	22.9281	5.28867	1
cg18882687	0.541297	1.38375	1.38375	0.0429026	0.294086	-3.40037	0.00232181	9.33889	9.33889	0.906944	1.06335	1.06335	3.80565	16.6282	3.88386	1
cg22662905	0.0104314	0.673333	-1.48515	0.137246	1.21693	1.21693	0.00425873	0.625546	-1.5986	0.451722	0.910244	-1.09861	4.93521	1.1759	0.211793	1
cg01518465	0.16336	0.799935	-1.2501	0.000424482	0.432751	-2.3108	0.0339523	0.689721	-1.44986	0.556154	0.91455	-1.09343	4.6106	1.64409	0.316969	1
cg23670415	0.73566	0.878154	-1.13875	0.0182729	0.333401	-2.99939	0.160677	1.77642	1.77642	0.108899	1.95509	1.95509	10.7487	25.0306	2.06997	1
cg02491003	0.290737	0.530377	-1.88545	0.000875736	0.0557759	-17.9289	0.177932	0.43692	-2.28875	0.0416179	0.257	-3.89105	5.18304	27.4627	4.70984	1
cg26652484	0.915821	0.980583	-1.0198	0.23815	1.25752	1.25752	0.320257	0.826578	-1.20981	0.290394	1.22566	1.22566	4.95915	2.70116	0.484162	1
cg25968247	0.330205	0.769319	-1.29985	0.00574946	0.388774	-2.57219	0.199507	0.702025	-1.42445	0.993527	0.997885	-1.00212	4.18043	4.51025	0.959018	1
cg12443367	0.483956	1.1983	1.1983	0.933311	1.02151	1.02151	0.045711	1.79063	1.79063	0.0128628	0.455873	-2.19359	4.06323	4.16198	0.910492	1
cg08957289	0.556453	1.21828	1.21828	0.00343181	0.26729	-3.74125	0.577845	0.829767	-1.20516	0.423369	1.31182	1.31182	3.41286	5.95504	1.55101	1
cg26668836	0.467941	1.10672	1.10672	0.0160416	0.667186	-1.49883	0.00454279	1.68044	1.68044	0.754931	0.957918	-1.04393	7.41979	2.21545	0.26541	1
cg12288726	0.0159208	2.1802	2.1802	0.000626671	4.00824	4.00824	0.00832695	2.43599	2.43599	0.163161	1.48138	1.48138	7.2962	8.05466	0.981292	1
cg15802323	0.031663	1.66626	1.66626	0.577717	0.892268	-1.12074	0.00273174	2.31272	2.31272	0.0088769	1.96398	1.96398	7.19708	4.6825	0.578321	1
cg14377205	0.036298	0.773248	-1.29325	0.00894099	1.42097	1.42097	0.801309	0.973711	-1.027	0.232259	1.14151	1.14151	43.295	7.65365	0.157137	1
cg10940217	0.0125417	0.250353	-3.99435	0.0546297	0.378215	-2.644	0.101089	0.448979	-2.22727	9.71E-05	0.0454735	-21.9908	9.71536	23.8045	2.80022	1
cg10156217	0.821624	0.928006	-1.07758	0.00385149	0.275662	-3.62763	0.99312	0.997151	-1.00286	0.208777	0.645057	-1.55025	5.41584	9.39048	1.54124	1
cg10380165	0.195498	1.21791	1.21791	0.0416594	0.71309	-1.40235	0.739839	1.04915	1.04915	0.125995	0.787898	-1.2692	3.6565	1.20069	0.291886	1
cg04555287	0.281545	1.1008	1.1008	3.42E-05	1.99026	1.99026	0.0704651	0.84072	-1.18946	0.263813	1.10513	1.10513	12.6764	1.4785	0.103675	1
cg03059876	0.00721008	0.298831	-3.34638	7.04E-05	0.0799631	-12.5058	0.00220829	0.22442	-4.45593	0.0140389	0.347744	-2.87568	10.858	20.8627	1.70792	1
cg04753561	0.443387	1.17656	1.17656	0.000368394	3.27581	3.27581	0.00237625	2.41462	2.41462	0.0044195	2.20447	2.20447	10.2449	7.02426	0.609452	1
cg12073594	0.0729318	0.647453	-1.54451	0.000835396	0.335338	-2.98206	0.00283371	0.409298	-2.44321	0.0164343	0.528783	-1.89114	10.087	7.54521	0.664899	1
cg18082240	0.163097	1.14893	1.14893	0.0352074	1.25704	1.25704	0.409062	0.924281	-1.08192	0.052049	0.813746	-1.22888	7.29909	1.00534	0.122431	1
cg18168672	0.0272786	0.423844	-2.35936	0.00121642	0.211001	-4.73932	0.00644971	0.312225	-3.20281	0.0132416	0.364627	-2.74253	6.71428	11.4826	1.52016	1
cg15561356	0.100716	0.373506	-2.67733	0.00086343	0.064589	-15.4825	0.618305	1.31674	1.31674	0.0658511	3.09745	3.09745	5.20608	21.9921	4.22431	1
cg26538736	0.211938	0.775286	-1.28985	0.00201499	0.412508	-2.4242	0.0370661	0.621256	-1.60964	0.0832605	1.45369	1.45369	4.53057	2.59015	0.44466	1
cg04480227	0.867764	0.94768	-1.05521	0.00792358	2.99855	2.99855	0.560852	1.20882	1.20882	0.348814	0.732681	-1.36485	3.79044	5.5495	1.46408	1
cg10461088	0.0823741	1.38307	1.38307	0.00556075	1.84758	1.84758	0.00338348	0.510872	-1.95744	0.00935332	1.74279	1.74279	12.1952	5.48635	0.399893	1
cg23310813	0.307796	0.835895	-1.19632	0.000470909	0.393375	-2.54211	0.541731	1.11058	1.11058	0.842267	1.03441	1.03441	6.33829	2.89428	0.405896	1
cg16733769	0.458769	1.35053	1.35053	0.231485	1.64857	1.64857	0.00379428	4.73702	4.73702	0.015498	3.26337	3.26337	4.96585	12.4784	2.23364	1
cg22284030	0.0325182	0.301085	-3.32132	0.00602034	0.178824	-5.59209	0.0346343	0.30681	-3.25934	0.151517	0.478498	-2.08987	4.90963	17.8903	3.23904	1
cg17891278	0.677751	1.06298	1.06298	0.00363906	1.77707	1.77707	0.0293022	1.45535	1.45535	0.369089	1.14433	1.14433	4.88754	1.65346	0.300713	1
cg18809522	0.372894	0.884578	-1.13048	0.458587	0.903766	-1.10648	0.636333	0.938139	-1.06594	0.672644	1.05863	1.05863	3.56111	1.01379	0.253052	1
cg23778094	0.495584	1.26596	1.26596	0.224535	0.647375	-1.5447	0.428121	0.759019	-1.31749	0.0418767	0.449646	-2.22397	8.06645	14.8404	1.63535	1
cg00539564	0.978889	0.985203	-1.01502	0.051784	0.287382	-3.47969	0.372678	0.597131	-1.67467	0.158832	0.428067	-2.33608	3.70355	18.6177	4.46844	1
cg20456954	0.403964	0.882463	-1.13319	5.56E-05	0.333641	-2.99724	0.159101	1.24651	1.24651	0.0479664	0.718185	-1.3924	19.6864	6.68418	0.301807	1
cg10311161	0.00652997	0.398555	-2.50906	0.000242928	0.206083	-4.85241	0.473034	1.20922	1.20922	0.00705591	0.403965	-2.47546	15.3223	16.4424	0.953865	1
cg18051353	0.18174	2.26216	2.26216	0.928727	0.949785	-1.05287	0.00121799	15.273	15.273	0.519492	1.45648	1.45648	4.02474	21.1388	4.66863	1
cg12271082	0.106155	1.40299	1.40299	0.0113881	1.83642	1.83642	0.728884	1.06905	1.06905	0.634687	1.0962	1.0962	3.54449	2.06699	0.518362	1
cg17657707	0.00472242	0.471905	-2.11907	0.000113418	0.257683	-3.88074	0.107369	1.42133	1.42133	0.000286546	0.305858	-3.26949	14.4034	9.13051	0.56348	1
cg20625065	0.0576125	1.20557	1.20557	0.00925403	1.33322	1.33322	0.796561	1.02275	1.02275	0.984611	1.00168	1.00168	8.66016	1.03993	0.10674	1
cg09345431	0.0041903	0.572918	-1.74545	0.0010675	0.495523	-2.01807	0.0214675	1.49355	1.49355	0.187882	1.22463	1.22463	8.28948	2.7682	0.296836	1
cg24145099	0.00155794	2.44539	2.44539	0.10829	0.70857	-1.41129	0.0208612	1.72772	1.72772	0.598886	0.900889	-1.11001	4.40551	2.69792	0.544352	1
cg13031595	0.256658	1.27927	1.27927	0.00236674	0.413967	-2.41565	0.801342	1.05385	1.05385	0.043743	0.617414	-1.61966	3.87058	2.65275	0.609212	1
cg14249174	0.0576571	0.564507	-1.77146	0.000326285	0.192968	-5.18221	0.403156	1.25148	1.25148	0.000327691	0.193191	-5.17623	14.1713	13.3336	0.823278	1
cg19956078	0.84635	0.976416	-1.02415	0.271153	0.868543	-1.15135	0.460668	0.911738	-1.09681	0.00121856	0.558594	-1.79021	8.29935	1.98936	0.213067	1
cg09689478	0.804372	0.921142	-1.08561	0.140876	0.592014	-1.68915	0.0277339	2.36594	2.36594	0.235874	0.662893	-1.50854	5.25767	9.12217	1.54224	1
cg15009431	0.0367107	0.512847	-1.9499	0.000865542	0.252688	-3.95745	0.550504	0.846881	-1.1808	0.577779	0.856658	-1.16733	4.29467	5.14931	1.06578	1
cg26407106	0.000679772	0.0296501	-33.7267	?	?	?	0.919155	0.937925	-1.06618	0.69508	0.779705	-1.28254	5.94781	28.5762	4.80449	1
cg16843689	0.000860941	0.212684	-4.70182	0.122719	0.596085	-1.67761	0.360675	1.33737	1.33737	0.592721	1.18179	1.18179	4.47958	6.78974	1.3473	1
cg06649520	0.220767	0.84315	-1.18603	0.00167449	0.55126	-1.81402	0.0303625	0.713669	-1.40121	0.368523	0.884785	-1.13022	5.17519	1.4397	0.247282	1
cg17403702	0.290846	1.11895	1.11895	0.000171675	1.9244	1.9244	0.754894	1.03263	1.03263	0.196134	0.869227	-1.15045	6.25402	1.0413	0.148	1
cg04345475	0.145937	0.860579	-1.16201	0.337849	1.0997	1.0997	0.490674	1.06966	1.06966	2.40E-05	0.444853	-2.24793	35.7808	5.24285	0.130246	1
cg25219333	0.831496	0.93177	-1.07323	0.00117054	0.205955	-4.85543	0.428732	1.30726	1.30726	0.000408813	0.155382	-6.43575	10.3028	17.9477	1.54847	1
cg19728936	0.001242	0.435158	-2.29801	0.0125577	1.72869	1.72869	0.155947	1.30689	1.30689	0.44029	1.14885	1.14885	7.28312	3.58606	0.437671	1
cg08554554	0.27539	0.594247	-1.6828	0.000821907	0.0990727	-10.0936	0.0569175	0.372234	-2.68648	0.0271367	0.301305	-3.3189	6.39564	21.3092	2.96163	1
cg22777832	0.522678	1.07486	1.07486	0.855708	0.979921	-1.02049	0.0467415	1.28881	1.28881	0.591522	1.06222	1.06222	4.49968	0.884915	0.17481	1
cg16400469	0.565622	1.1931	1.1931	0.0770714	0.55012	-1.81778	0.0334814	0.469894	-2.12814	0.323334	0.733364	-1.36358	4.03282	5.90292	1.30108	1
cg17705079	0.0119325	0.492	-2.03252	4.16E-05	0.149263	-6.69956	0.0095353	0.475142	-2.10464	0.0102683	0.480677	-2.0804	15.2074	9.97484	0.573932	1
cg16209860	0.196141	1.37863	1.37863	0.00612873	0.431631	-2.3168	0.00666262	2.28648	2.28648	0.626083	0.891055	-1.12227	5.66713	4.95285	0.776854	1
cg03873930	0.0959327	0.332248	-3.0098	0.00964856	0.13892	-7.19841	0.0576614	0.274309	-3.64553	0.0331099	0.222851	-4.48729	4.19316	24.1157	5.11217	1
cg01699630	0.285196	0.770211	-1.29835	0.00239838	0.369739	-2.70461	0.955114	0.986848	-1.01333	0.0254597	0.535487	-1.86746	5.8461	5.12222	0.778824	1
cg02862362	0.187125	1.82365	1.82365	0.436002	0.710698	-1.40707	0.085356	0.441619	-2.2644	0.230904	0.582713	-1.71611	4.67615	13.6763	2.59974	1
cg04822973	0.774403	1.02067	1.02067	0.000185341	0.638015	-1.56736	0.243328	1.09078	1.09078	0.581117	1.04046	1.04046	11.0081	0.883277	0.0713236	1
cg16682385	0.555061	1.25123	1.25123	0.197626	0.59763	-1.67327	0.735836	0.88075	-1.1354	0.0494615	0.424075	-2.35807	11.3651	24.7518	1.6939	1
cg23702868	0.957394	0.977202	-1.02333	0.00052431	0.0969873	-10.3106	0.142831	1.97356	1.97356	0.581234	1.27186	1.27186	4.65505	13.7371	2.62313	1
cg09360748	0.982941	0.994328	-1.0057	0.0023098	3.10362	3.10362	0.0857217	1.65739	1.65739	0.462589	1.22009	1.22009	3.88202	4.35109	0.996294	1
cg21910736	0.0118311	0.652436	-1.53272	0.00333192	0.581037	-1.72106	0.0156514	0.668573	-1.49572	0.0990022	0.782113	-1.27859	16.1037	4.70879	0.259914	1
cg07707817	0.00659313	0.276043	-3.62263	0.000131652	0.0888442	-11.2557	0.371661	0.71555	-1.39753	0.00282789	0.223033	-4.48364	11.5214	24.2958	1.87445	1
cg26130383	0.0133771	0.209719	-4.76828	0.000879262	0.0786568	-12.7135	0.0151033	0.218207	-4.5828	0.0651421	0.347943	-2.87404	6.1519	25.3268	3.65947	1
cg03031322	0.0109587	1.45324	1.45324	0.000618666	1.85322	1.85322	0.629918	0.944741	-1.05849	0.899979	1.01483	1.01483	5.91621	1.28448	0.192989	1
cg25771052	0.431001	0.838536	-1.19255	0.370599	1.22316	1.22316	0.99925	1.00021	1.00021	0.0343001	0.582164	-1.71773	4.50391	3.4241	0.675778	1
cg25086840	0.456983	0.915277	-1.09256	0.0224163	1.37669	1.37669	0.205386	1.16899	1.16899	0.449737	1.09419	1.09419	3.92906	0.849907	0.192278	1
cg25539759	0.0727758	0.664942	-1.50389	0.000314699	0.304104	-3.28835	0.0216332	1.75456	1.75456	0.0564429	0.643843	-1.55317	9.61372	6.32792	0.585083	1
cg04715525	0.0334042	0.747561	-1.33768	0.104704	0.812571	-1.23066	0.0971485	1.23749	1.23749	0.104776	1.2306	1.2306	9.34292	2.02705	0.192854	1
cg08453322	0.108259	1.18135	1.18135	0.114007	1.17766	1.17766	0.0178249	0.760365	-1.31516	0.303683	1.10664	1.10664	8.31544	1.19145	0.127361	1
cg20069115	0.00328079	0.213062	-4.69347	0.150534	0.551763	-1.81237	0.957777	1.02064	1.02064	0.587926	0.809682	-1.23505	7.66426	16.0675	2.09641	1
cg19965868	0.109409	1.2465	1.2465	0.00164177	0.566036	-1.76667	0.919087	1.01291	1.01291	0.0958227	1.25975	1.25975	5.77852	1.45836	0.224334	1
cg09754991	0.0492307	1.26393	1.26393	0.8477	1.02027	1.02027	0.426158	1.08849	1.08849	0.00367208	1.50658	1.50658	5.42762	0.935967	0.153285	1
cg11710912	0.190518	0.618502	-1.61681	0.00501565	0.276182	-3.6208	0.0472919	2.19597	2.19597	0.115786	0.552953	-1.80847	3.66457	6.97172	1.69108	1
cg17420619	0.00153016	0.282488	-3.53998	0.547306	0.844686	-1.18387	0.979252	0.992818	-1.00723	0.320903	1.32876	1.32876	7.8663	9.57049	1.08146	1
cg15637527	0.0381531	0.44311	-2.25678	0.211856	1.56121	1.56121	0.395097	0.744524	-1.34314	0.0723403	0.507001	-1.97238	5.31419	9.65595	1.61512	1
cg01782668	0.762568	1.05728	1.05728	0.0177178	0.588477	-1.6993	0.971369	1.00662	1.00662	0.0583318	0.674828	-1.48186	10.3427	5.53623	0.475803	1
cg05816000	0.182964	0.690703	-1.4478	0.000217015	5.03091	5.03091	0.00860908	2.40454	2.40454	0.33355	1.29848	1.29848	9.64504	10.4752	0.965395	1
cg16079898	0.0029363	2.30445	2.30445	0.00236652	2.37843	2.37843	0.599995	0.897506	-1.1142	0.871891	1.03353	1.03353	8.65076	5.72176	0.587926	1
cg15562399	0.818971	0.979665	-1.02076	0.0242403	0.786053	-1.27218	0.646615	0.959475	-1.04224	0.0957921	1.17815	1.17815	7.59155	0.965599	0.113061	1
cg20111118	0.172583	0.812424	-1.23089	0.0234458	0.678817	-1.47315	0.00692166	1.64897	1.64897	0.00353217	1.76112	1.76112	6.4219	2.08281	0.288293	1
cg17598704	0.0747567	1.23204	1.23204	0.000325033	1.84215	1.84215	0.411478	0.915495	-1.0923	0.767743	1.03163	1.03163	6.15196	1.07694	0.155605	1
cg24243429	0.243015	1.19897	1.19897	0.992527	1.00139	1.00139	0.303363	0.853552	-1.17157	0.435382	1.12548	1.12548	5.39407	1.88479	0.310595	1
cg03553407	0.055606	0.428431	-2.3341	0.00998842	0.280502	-3.56503	0.118293	0.515459	-1.94002	0.325124	0.672293	-1.48745	5.20606	12.5912	2.14983	1
cg26282731	0.474266	0.783189	-1.27683	0.0802331	0.521152	-1.91883	0.199954	0.63464	-1.5757	0.0100579	0.335924	-2.97686	4.95164	8.84403	1.58763	1
cg27448532	0.905694	1.05674	1.05674	0.99719	0.998362	-1.00164	0.834746	0.907311	-1.10216	0.0159359	0.253011	-3.9524	4.65946	15.9995	3.05223	1
cg18583381	0.120544	1.40237	1.40237	0.0240477	0.582465	-1.71684	0.924127	0.981051	-1.01931	0.53211	0.88065	-1.13553	4.18728	2.67477	0.567808	1
cg15247500	0.0694904	0.635389	-1.57384	0.493743	0.856214	-1.16793	0.848284	1.04371	1.04371	0.0546099	0.61447	-1.62742	3.6005	2.84494	0.702357	1
cg17876581	0.0561465	0.646895	-1.54585	0.00551195	0.479673	-2.08475	0.0641332	1.52032	1.52032	0.286474	1.24968	1.24968	3.41801	2.19507	0.57085	1
cg20080997	0.0733443	0.583541	-1.71367	0.671326	0.891243	-1.12203	0.836443	1.05735	1.05735	0.35157	1.29514	1.29514	7.17996	8.27487	1.02444	1
cg18707845	0.0687041	0.173149	-5.77536	0.00182838	0.0221192	-45.2097	0.0101437	0.0613604	-16.2972	0.0337317	0.118344	-8.44993	5.04662	59.2048	10.4281	1
cg22027004	0.0996477	1.21926	1.21926	0.22915	0.870548	-1.1487	0.116913	0.829346	-1.20577	0.045199	1.28714	1.28714	4.61736	0.882528	0.169896	1
cg18739374	0.00623305	0.318281	-3.14187	0.000422739	0.166373	-6.0106	0.00832354	0.338593	-2.9534	0.00415437	0.291227	-3.43375	10.4897	17.1294	1.45153	1
cg01125329	0.0134396	1.54934	1.54934	0.0197101	0.668369	-1.49618	0.340241	0.868838	-1.15096	0.767552	1.04331	1.04331	5.91368	1.91661	0.288087	1
cg24941343	0.0616687	0.74549	-1.3414	0.441846	1.11565	1.11565	0.422086	1.12124	1.12124	0.00889046	1.59136	1.59136	4.11048	1.26775	0.274149	1
cg16078685	0.0212855	0.498204	-2.00721	?	?	?	0.165752	0.689308	-1.45073	0.969852	1.00956	1.00956	3.85498	3.43851	0.891965	1
cg11466962	0.0894914	0.46101	-2.16915	0.0313608	0.351919	-2.84157	0.0303894	0.349073	-2.86473	0.166993	0.543718	-1.83919	4.34683	11.7762	2.40812	1
cg25648639	0.0686261	0.645433	-1.54935	5.55E-05	0.199683	-5.00794	0.199045	0.747135	-1.33845	0.0941609	0.673471	-1.48484	20.3117	14.8442	0.649619	1
cg26271255	0.0968283	0.832847	-1.2007	0.584376	0.946076	-1.057	0.0934049	1.20343	1.20343	5.29E-05	2.13324	2.13324	8.68651	1.3854	0.141768	1
ch.10.818442R	0.0807594	0.396965	-2.51911	0.0212871	0.266988	-3.74548	0.341627	0.626582	-1.59596	0.592623	0.772859	-1.2939	5.8021	20.9152	3.20423	1
cg17158149	0.398123	0.84002	-1.19045	0.283484	1.25174	1.25174	0.672759	0.917958	-1.08937	0.0003766	0.318117	-3.1435	5.67958	3.65236	0.571618	1
cg18675610	0.112777	0.537585	-1.86017	0.000812809	0.14679	-6.81247	0.00247905	0.206867	-4.83403	0.342035	0.705406	-1.41762	6.0178	11.7481	1.5184	1
cg07981140	0.654695	1.05401	1.05401	0.000522565	1.88111	1.88111	0.683235	1.0491	1.0491	0.164294	0.840815	-1.18932	5.08974	1.10046	0.192188	1
cg20095920	0.0118943	0.611614	-1.63502	0.143637	1.279	1.279	0.332816	0.855171	-1.16936	0.791059	0.959269	-1.04246	4.96184	1.92733	0.345271	1
cg03057072	0.401009	1.11451	1.11451	0.00605737	1.57156	1.57156	0.267706	1.15675	1.15675	0.530558	0.923003	-1.08342	4.52494	1.13986	0.223915	1
cg25617100	0.0409082	0.276069	-3.62229	0.0146492	0.194119	-5.15148	0.043702	0.282318	-3.5421	0.0801185	0.346789	-2.88359	4.2749	20.1435	4.18849	1
cg09110292	0.746998	0.934273	-1.07035	0.655387	1.09894	1.09894	0.0476923	0.621503	-1.609	0.76713	1.06436	1.06436	3.68362	2.57379	0.621077	1
cg04359828	0.179208	0.414632	-2.41177	0.017613	0.168326	-5.94085	0.00916638	0.129797	-7.70435	0.494614	0.651858	-1.53408	3.42603	20.6572	5.35956	1
cg14653418	0.0243591	3.28697	3.28697	0.233618	1.73988	1.73988	0.227944	0.57049	-1.75288	0.0543097	0.379667	-2.63389	3.40879	10.6185	2.76893	1
cg05194545	0.427647	0.598509	-1.67082	0.00324112	0.0784719	-12.7434	0.828512	0.871539	-1.1474	0.100851	0.320144	-3.1236	3.40143	21.6421	5.65569	1
cg23498755	0.898823	1.02126	1.02126	1.85E-05	0.236255	-4.23272	0.00159058	2.11611	2.11611	0.209369	0.803448	-1.24464	21.0055	9.10547	0.385132	1
cg22922100	0.0266132	1.7868	1.7868	0.0152218	1.93176	1.93176	0.00579719	2.22181	2.22181	0.425912	1.19673	1.19673	11.9555	9.23862	0.686888	1
cg19867914	0.00113768	1.75493	1.75493	0.0610814	1.2815	1.2815	0.00133387	1.73002	1.73002	0.00199699	0.598849	-1.66987	10.3025	2.25312	0.194396	1
cg00859755	0.712426	1.05966	1.05966	0.00333292	1.86897	1.86897	0.0645149	0.722499	-1.38408	0.078546	0.736511	-1.35775	7.88711	3.06014	0.344882	1
cg07539108	0.241584	1.10264	1.10264	0.0403189	1.20781	1.20781	0.957173	0.995728	-1.00429	0.217007	0.901641	-1.10909	6.34114	0.638109	0.0894489	1
cg07621645	0.153106	0.648955	-1.54094	0.00533859	0.354439	-2.82136	0.155656	1.53626	1.53626	0.0507848	0.533155	-1.87563	6.16907	7.8041	1.12448	1
cg21338523	0.0399028	0.371053	-2.69503	0.0201541	0.310432	-3.22131	0.00846694	0.245843	-4.06764	0.140549	0.515956	-1.93815	5.74439	15.8511	2.45281	1
cg00016324	0.334738	1.25801	1.25801	0.00781498	0.454858	-2.19849	0.443118	1.19772	1.19772	0.0207869	0.526184	-1.90047	5.4578	4.60151	0.749429	1
cg14851140	0.0410572	0.427174	-2.34097	0.212977	0.622989	-1.60516	0.802152	0.913398	-1.09481	0.0660238	0.475173	-2.1045	4.07469	8.40085	1.83264	1
cg27492839	0.45507	1.35288	1.35288	0.724128	0.86869	-1.15116	0.254049	1.605	1.605	0.307408	0.657238	-1.52152	3.90838	9.76758	2.22146	1
cg07409629	0.803418	1.10027	1.10027	0.208283	1.66238	1.66238	0.14612	1.81802	1.81802	0.113656	0.517134	-1.93373	3.61744	8.40929	2.06635	1
cg18855030	0.670001	0.94186	-1.06173	0.276838	1.17122	1.17122	0.583443	0.925537	-1.08045	0.000996575	0.505033	-1.98007	10.4802	3.24079	0.274871	1
cg08542976	7.84E-05	0.239099	-4.18237	2.42E-07	0.045437	-22.0085	0.0377741	1.6203	1.6203	0.000111919	0.256577	-3.89746	39.3407	25.0017	0.564904	1
cg08942338	0.285133	1.46608	1.46608	0.18562	0.616511	-1.62203	0.453003	1.30141	1.30141	0.294021	1.45511	1.45511	13.0582	24.5604	1.67186	1
cg27145042	0.161991	0.844334	-1.18436	0.00011139	0.462981	-2.15992	0.00927356	0.687887	-1.45373	0.740329	0.963012	-1.03841	9.94207	2.02204	0.180784	1
cg00396427	0.113605	1.41253	1.41253	0.425408	0.84934	-1.17739	0.282139	1.25135	1.25135	0.611743	0.902404	-1.10815	6.94306	4.42581	0.566617	1
cg09008063	0.405584	0.948191	-1.05464	0.240214	0.926001	-1.07991	0.302253	0.935368	-1.0691	0.000688693	1.38263	1.38263	6.24352	0.386513	0.0550278	1
cg07069089	0.137938	1.68139	1.68139	0.0013105	0.218345	-4.57991	0.458031	0.78207	-1.27866	0.458323	1.27845	1.27845	3.42512	5.73979	1.48959	1
cg12303318	0.00451744	3.28726	3.28726	0.0152438	2.55265	2.55265	0.0544989	1.98589	1.98589	0.00498766	3.21786	3.21786	8.81033	13.8001	1.39232	1
cg17556406	0.0698523	0.495336	-2.01883	0.00189265	0.217443	-4.5989	0.00573288	3.50818	3.50818	0.543963	0.808274	-1.2372	7.68025	14.6083	1.69072	1
cg13850234	0.0231512	1.91539	1.91539	0.270395	1.31613	1.31613	0.518682	0.855035	-1.16954	0.663999	1.11029	1.11029	6.28368	5.06871	0.806647	1
cg14575356	0.0663467	1.82943	1.82943	0.0218133	2.24201	2.24201	0.530177	1.20505	1.20505	0.4238	0.786934	-1.27075	4.91293	6.69419	1.21117	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N) vs. N)	p-value(1048 vs. N)	Fold-Change(1-vs-105T 057 vs. N) vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-111T 117 vs. N) vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-112T 127 vs. N) vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121T 217 vs. N) vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121T 217 vs. N) vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-147T 477 vs. N) vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N) vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-537T 37T vs. N) vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563T 63T vs. N) vs. N)	T(Test)	SS(Test)	SS(Error)	DF
cg00760007	ARHGAP18	0.0188769	0.0078775	0.320347	-3.30931	0.0384431	0.123829	-8.07566	0.0200075	0.174905	-5.71739	0.0520183	0.255041	-3.50004	0.00477884	0.0976488	-10.2408	0.0478947	0.245417	-4.0747	0.0240595	0.187992	-3.31939	0.623593	0.7238876	-1.57198	0.140096	0.373082	-2.68058	4.79759	29.312	5.43089	1
cg13482362	ARHGAP18	0.0198337	0.339506	0.722046	-1.38495	0.895103	1.04464	1.04464	0.039226	2.20174	2.20174	0.778374	0.910884	-1.09783	0.0704084	0.490519	-2.03866	0.00834275	0.327848	-3.0502	0.00339292	0.267762	-3.73466	0.677113	1.14859	1.14859	0.684407	1.14475	1.14475	4.71792	8.17727	1.54065	1
cg12774946	ARHGAP18	0.0254076	0.139689	0.475771	-2.10185	0.745825	0.858974	-1.16418	0.0133862	0.238901	-4.18584	0.284543	0.59477	-1.68132	0.00242504	0.138985	-7.19504	0.267696	0.582954	-1.7154	0.0285856	0.299021	-3.34425	0.252831	1.74758	1.74758	0.0479116	0.347489	-2.87779	4.32743	14.972	3.07536	1
cg11176695	ARHGAP18	0.0278017	0.0119027	0.128506	-7.77681	0.0254183	0.17625	-5.67377	0.0239732	0.17207	-5.81159	0.136691	0.352986	-2.82497	0.00302291	0.0702415	-14.2366	0.0687062	0.264111	-3.7853	0.0826198	0.284753	-3.51182	0.0538905	0.2393	-4.17885	0.104352	0.313442	-3.19358	4.19827	28.391	6.01114	1
cg11447699	ARHGAP19	0.000535728	?	?	0.0721564	2.11391	2.11391	?	?	?	0.218769	0.625136	-1.59365	0.0961193	1.37661	1.37661		0.00228493	0.176427	-5.66807	0.0719555	0.474205	-2.10879	?	?	4.05E-05	0.026188	-38.184	25.015	31.9878	1.27874	1
cg14525897	ARHGAP19	0.00396098	0.734205	0.90424	-1.1059	0.396348	0.773724	-1.29245	0.847802	0.944829	-1.05839	0.420246	1.27535	1.27535	0.00064552	0.2126681	-4.70179	0.00250045	0.289224	-3.45753	0.000770924	0.222275	-4.49893	0.0509434	0.5185846	-1.92847	0.0466598	0.753011	-1.33154	7.87034	10.8742	1.22815	1
cg15668500	ARHGAP19	0.0174465	0.941335	1.03008	1.03008	0.000779653	0.129198	-7.74005	0.922498	0.961577	-1.03996	0.0583286	2.36645	2.36645	0.816686	0.920253	-1.08666	0.128707	1.93693	1.93693	0.0825457	0.46106	-2.16892	0.905627	1.04891	1.04891	0.349771	1.47335	1.47335	4.92652	12.6402	2.28228	1
cg17107501	ARHGAP19	0.0246512	0.162347	-6.15963	0.0376505	0.771358	-1.6823	0.0357262	0.307148	-3.25576	0.139275	0.446244	-2.24093	0.00743617	0.189177	-5.28905		0.0613018	0.363172	-2.75576	0.100476	0.439331	-2.27533	0.0534751	0.346665	-2.88463	0.00757584	0.190931	-5.25458	4.67219	17.2631	3.28493	1
cg27152661	ARHGAP19	0.0247631	0.492033	0.89805	-1.11352	0.00915282	0.60046	-1.66539	0.187967	0.377062	-2.1869	0.336205	0.858303	-1.16509	0.623351	0.07921	1.07926	0.00307759	0.694263	-1.44038	0.0735821	1.20256	1.20256	0.562368	0.9136697	-1.09446	0.0078325	1.69196	1.69196	4.37168	6.49438	0.3342684	1
cg10566506	ARHGAP19	0.0256293	0.847139	0.969886	-1.03105	0.064179	0.719256	-1.39033	0.125391	0.768903	-1.30055	0.150285	0.783244	-1.27674	0.00309953	0.526675	-1.8987	0.00220929	0.506798	-1.97317	0.500028	0.897208	-1.11457	0.378156	0.866526	-1.15403	0.0660107	0.721352	-1.38629	4.31967	1.71735	0.353391	1
cg25993851	ARHGAP21;ZNF408	0.0185159	1.03884	1.03884	1.03884	0.0203252	1.13276	1.13276	0.0887222	1.87084	1.87084	0.0555852	0.564428	-1.77179	0.0148409	0.0824109	-2.24361	0.00238251	0.327378	-3.05458	0.0414694	0.802645	-1.24588	0.82158	0.9607282	-1.06137	0.0228038	0.487525	-2.05118	4.46002	4.9039	0.978751	1
cg05433460	ARHGAP21;ZNF408	0.0268888	0.0272016	0.305044	-3.27822	0.404001	1.47381	1.47381	0.0138997	0.25149	-3.9763	0.185395	1.89245	1.89245	0.724743	1.17419	1.17419	0.919293	1.04711	1.04711	0.227887	1.77695	1.77695	0.207613	1.82859	1.82859	0.00953197	0.225058	4.44331	4.24781	13.8794	2.90437	1
cg26135012	ARHGAP20	6.14E-05	0.794149	0.985261	-1.01496	1.41E-05	1.57214	1.67214	0.0178064	1.08404	1.08404	0.0818703	1.28449	1.28449	0.0749002	1.11968	1.11968	0.0677951	1.12319	1.12319	1.45E-05	0.634454	-1.57616	0.0653833	1.12463	1.12463	0.00047431	1.365571	1.36571	24.3108	1.2875	0.0459952	1
cg03110368	ARHGAP20	0.000714071	0.410161	0.774055	-1.29081	0.248668	0.687954	-1.45359	0.647296	0.869691	-1.14983	0.0652582	1.87243	1.87243	8.85E-05	0.109836	8.4008	0.190652	1.52197	1.52197	-1.73997	0.0107091	0.378276	-2.64357	0.00097725	4.2405	4.42605	0.0319864	2.14164	2.14164	12.9386	18.8231	1.29316	1
cg24575245	ARHGAP20	0.00693849	0.000300113	0.0909566	-10.9943	0.0269356	2.91002	2.91002	0.341805	1.49079	1.49079	0.117882	0.500449	-1.99821	0.0154493	0.0254495	0.580126	-1.72376	0.373202	0.688889	-1.45161	0.0359269	0.360763	-2.70444	0.116509	0.498929	-2.00429	0.453243	0.7222862	-1.38339	6.63333	17.4601	2.63971	1
cg07117674	ARHGAP20	0.00754624	0.0893203	0.784469	-1.2197	0.0703883	1.53279	1.53279	0.0165969	1.30264	1.30264	0.748561	0.962091	-1.04012	0.975113	1.00384	1.00384	0.299143	1.1497	1.1497	0.0145112	0.60452	-1.65442	0.804801	-1.24254	0.0913023	1.77685	1.77685	0.0674566	0.777618	1.28598	0.46155	1.54213	0.212145	1
cg08021299	ARHGAP20	0.0104579	0.0818251	0.809675	-1.23506	0.0566088	0.789577	-1.2665	0.242749	1.14321	1.14321	0.0811087	0.809187	-1.23581	0.0970139	0.819208	-1.22069	0.0349064	0.764032	-1.30885	0.840128	0.978129	-1.02236	0.00682112	1.46693	1.46693	0.0130644	1.40085	1.40085	5.82644	1.10607	0.168743	1
cg03475182	ARHGAP20	0.01177	0.0199055	0.329291	-3.36126	0.256562	1.86202	1.86202	0.587781	1.33009	1.33009	0.139628	0.434735	-2.30035	0.0113301	0.199532	-5.01173	0.247261	0.538476	-1.8571	0.000714926	0.0672138	-14.8779	0.0684499	0.343363	-2.91237	0.118457	0.411378	-2.43085	5.60858	24.3945	3.86621	1
cg04170208	ARHGAP18	0.0167966	0.978571	0.995875	1.00413	0.513805	0.922947	-1.10774	0.538842	1.1085	1.1085	0.334922	1.16537	1.16537	0.0205328	0.5792217	-1.72647	0.104748	0.510864	-1.95806	0.167736	1.74374	1.74374	0.0464402	1.42065	1.42065	4.9935	1.8732	0.333446	1
cg05145963	ARHGAP20	0.0236263	0.000945839	0.155688	-6.4231	0.116841	0.52583	-1.90176	0.268135	0.647149	-1.54524	0.00512916	0.247859	-4.03455	0.203946	0.602998	-1.65838	0.169991	0.576125	-1.73574	0.310656	0.673159	-1.48553	0.299157	0.666123	-1.50077	0.850465	1.0738	1.0738	4.44346	10.0172	2.00389	1
cg03632274	ARHGAP20	0.0263153	0.0951221	0.81205	-1.23147	0.812004	1.10308	1.10308	0.0400528	1.43853	1.43853	0.148358	0.495755	1.0767	0.0118862	0.1991	-5.0228	0.0506548	1.07467	1.07467	0.0302925	0.758294	1.31875	0.514916	1.1988	1.1988	0.0731	1.07311	0.272824	1.12802	4.29	0.779317	0.160735	1
cg03565475	ARHGAP21	0.00324504	0.222674	0.725364	-1.37862	0.0096277	2.27294	2.27294	0.897766	1.03273	1.03273	0.76568	0.927848	-1.07776	0.000535177	0.259225	-3.85766	0.829308	0.947341	-1.05559	0.00310075	0.362798	-2.75635	0.0624604	1.6911	1.6911	0.0545469	0.578987	-1.72715	8.36056	8.31289	0.883821	1
cg12616470	ARHGAP21	0.00161487	0.0176586	0.470412	-1.87162	0.0275424	1.43473	1.43473	0.0144258	0.69744	0.69744	0.0853228	0.7229	1.38273	0.153039	0.23754	-4.20955	0.0170759	0.668459	-1.49588	0.153372	0.78892	-1.26756	0.0187007	0.9866883	-1.01355	0.0726224	0.942832	-1.06063	4.58663	2.00904	0.228075	1
cg06882901	ARHGAP21	0.00854111	0.695131	0.940783	-1.06294	0.0337308	0.680914	-1.46861	0.380337	1.14966	1.14966	0.182481	0.803095	-1.24518	0.750466	1.05069	1.05069	0.731673	1.0548	1.0548	1.00046816	0.426408	-2.34517	0.320224	1.17256	1.17256	0.0208412	1.5389	1.5389	6.21453	2.36424	0.338166	1
cg23405364	ARHGAP21	0.0100338	0.664275	0.952416	-1.04996	0.00455434	0.655833	-1.52478	0.866224	0.981353	-1.0192	0.799932	1.02876	1.02876	0.730737	0.962166	-1.03932	0.398821	1.10124	1.10124	0.0555776	1.27404	1.27404	0.000824123	0.569784	-1.75505	0.101668	0.818688	-1.22147	5.90424	1.16552	0.17547	1
cg12585900	ARHGAP21	0.0156328	0.0434602	0.711579	-1.40529	0.202115	0.848138	-1.17872	0.552178	0.87619	-1.14114	0.0435822	0.740191	-1.351	0.0458146	0.0421554	-2.37193	0.865778	1.02887	1.02887	0.194046	1.18237	1.18237	0.0660199	1.77541	1.77541	1.12632	0.0314663	0.57006	1.75742	5.11026	1.22639	0.209842	1
cg11122255	ARHGAP21	0.0388265	0.4586618	0.766581	-1.30449	0.0218149	2.63672	2.63672	0.452585	1.30935	1.30935	0.0227367	0.382756	-2.61263	0.412919	0.744644	-1.34292	0.842725	0.932421	-1.07248	0.262783	0.662825	-1.50869	0.0114581	3.04509	3.04509	0.755485	0.895805	-1.11631	3.72367	7.33682	1.74662	1
cg08802390	ARHGAP21	0.0302453	0.279534	1.21303	1.21303	0.0455502	1.68443	1.68443	0.115149	0.960758	1.36811	0.0136203	0.992288	1.55168	0.0761257	0.712464	-1.40361	0.247261	0.538476	-1.8571	0.000714926	0.0672138	-14.8779	0.0684499	0.343363	-2.91237	0.118457	0.411378	-2.43085	5.60858	24.3945	3.86621	1
cg18325841	ARHGAP21	0.0454507	0.268736	1.29814	1.29814	0.340331	1.24932	1.24932	0.0965333	1.51182	1.51182	0.223843	1.33571	1.33571	0.445015	0.838512	1.19259	0.134519	1.44126	1.44126	0.287224	1.28444	1.28444	0.00108976	2.97944	2.97944	0.232213	1.328138	0.91239	1.28545	0.722396	1
cg25721039	ARHGAP22	9.78E-09	3.40E-06	0.735409	-1.35979	4.52E-09	2.05265	2.05265	0.00234439	1.12663	1.12663	3.18E-08	0.570202	-1.75376	1.93E-05	0.78386	-1.27574	4.15E-06	1.34902	1.34902	2.42E-08	0.5590064	-1.7887	0.00986842	0.9125913	-1.09587	0.1354997	1.04621	1.04621	236.513	2.95283	0.0110977	1
cg15805567	ARHGAP22	1.31E-05	2.51E-06	0.0935732	-10.6909	0.0174003	1.0711	1.0711	0.0154	0.720038	-1.38894	0.0017685	0.0625603	-15.9744	0.0747255	0.0772907	-12.9397	4.27E-05	0.198386	-5.04062	0.00310563	0.262153	-3.17663	0.726014	1.07592	1.07592	0.00167368	1.902709	1.90271	2.54643	17.92	2.25839	0.609004	1
cg12471811	ARHGAP22	0.00104531	0.285237	1.3675	1.3675	0.367701	0.770332	-1.28814	0.0806813	1.72677	1.72677	0.895193	1.03287	1.03287	7.65E-05	0.132492	-7.54765	0.089536	1.69512	1.69512	0.000558719	0.0210254	-4.52378	0.412154	1.26735	1.26735	0.386413	1.2845	1.2845	11.6195	14.6327	1.1194	1
cg15881404	ARHGAP22	0.00244864	0.0234907	0.765501	-1.30617	0.0127424	1.64373	1.64373	0.0145228	0.75357	1.27387	0.0442359	0.805728	-1.17567	0.0810897	0.0757357	-13.2054	0.0205605	0.702759	-1.42317	0.0250997	0.797229	1.25425	1.25425	0.0044549	0.802153	-1.31947	0.642264	1.16698	1.16698	2.02675	0.0844472	0.0416472	1
cg16775752	ARHGAP22	0.00295374	0.0106624	7.33238	7.33238	0.000469548	30.3081	30.3081	0.0221403	5.48712	5.48712	0.155037	2.57125	2.57125	0.266313	2.05192	2.05192	0.00629486	0.10161	0.10161	0.000589967	26.951	26.951	0.00519037	9.8693	9.8693	0.0245637	5.26921	5.26921	8.59771	52.4421	5.42181	1
cg25139229	ARHGAP22	0.00314696	0.0074245	17.8479	17.8479	0.000585506	84.8759	84.8759	0.0141198	12.5709	12.5709	0.0722946	5.34557	5.34557	0.0175716	3.15468	3.15468	0.0255479	9.18367	9.18367	0.000597954	39.1813	83.7018	0.00561921	20.8651	20.8651	0.0222876	8.86608	8.86608	43.3734	93.3322	9.83271	1
cg26117265	ARHGAP22	0.00677953	0.0202577	4.59614	4.59614	0.0027144	45.3679	45.3679	0.0078224	7.14473	7.14473	0.0453228	3.5416	3.5416	0.0131558	2.73454	2.73454	0.0138644	5.40136	5.40136	0.00108617	37.0865	12.8535	0.0116638	9.19813	9.19813	0.104602	3.68417	3.68417	5.66199	32.3942	6.97051	1
cg27006721	ARHGAP22	0.00753079	0.00861582	2.11124	-4.73936	0.00443547	0.117755	-8.49223	0.228129	0.555928	-1.79879	0.179589	0.516041	-1.93783	0.00186603	0.12895	-7.75495	0.0117013	0.231773	-4.31456	0.121776	0.459097	-2.17819	0.0154408	0.251769	-3.97189	0.0132963	0.240816	-4.15255	6.4657	22.0587	3.03257	1
cg24506434	ARHGAP22	0.00824279	0.162316	0.794443	-1.25895	0.0113936	0.40363	-2.47695	0.0038163	0.376442	-2.65652	0.0026447	0.376442	-2.65652	0.0026447	0.376442	-2.65652	0.0105145	0.495415	-2.01851	0.0404527	0.44038	-2.27108	0.0072554	0.4607	-2.17089	0.0074314	0.454661	-2.19964	6.27864	2.36614	0.534661	1
cg23390619	ARHGAP22	0.0100601	0.994789	0.998646	-1.00136	0.0311485	0.597175	-1.68983	0.0432189	0.617239	-1.62012	0.00668451	0.481919	-2.07504	0.277739	0.7912126	-1.26388	0.952752	0.987782	-1.01237	0.779764	0.76082	-1.31444	0.0108976	0.97944	0.97944	0.232213	1.328138	0.91239	1.28545	0.722396	1
cg26154937	ARHGAP22	0.0108823	0.0267564	5.17603	5.17603	0.00751183	8.63124	8.63124	0.0268915	5.16582	5.16582	0.153813	2.60274	2.60274	0.778074	0.837776	-1.19364	0.0542464	3.92934	3.92934	0.00158184	17.1441	17.1441	0.00846082	8.21583	8.21583	0.0183961	6.00053	6.00053	5.75241	35.7546	5.52497	1
cg08348173	ARHGAP22	0.014957	0.623096	1.1299	1.1299	0.0162712	2.27705	2.27705	0.0253	1.62353	1.62353	0.0749934	1.229934	1.229934	0.0976421	1.6388601	1.6388601	0.0019307	0.1352283	0.1352283	0.000176476	0.8725354	1.4640337	0.0966283	1.6981539	1.6981539	0.0268884	1.4640337	0.6825721	1.4640337	2.3614	1.5346611	0.3545571	1
cg01677623	ARHGAP22	0.0167782	0.233401	1.72902	1.72902	0.0578261	4.8777	4.8777	0.0448598	2.743	2.743	0.113783	2.1256	2.1256	0.180077	1.86621	1.86621	0.0207163	1.38924	1.38924	0.00136816	7.65868	7.65868	0.0260716	3.18116	3.18116	0.0435841	2.76462	2.76462	4.39235	15.1834	2.70396	1
cg09453333	ARHGAP22	0.0329802	0.0375437	2.09226	2.09226	0.0221152	3.04878	3.04878	0.0325	2.44665	2.44665	0.0882483	1.74768	1.74768	0.0962	1.480818	1.480818	0.0534727	2.63695	2.63695	0.0153424	2.14375	2.14375	0.0139871	2.46955	2.46955	0.0388379	2.13528	2.13528	3.98571	6.68139	1.19184	1
cg11790857	ARHGAP22	0.0405329	0.309079	0.6869	-1.45582	0.953569	1.02099	1.02099	0.0498788	2.22098	2.22098	0.431169	0.750776	-1.33196	0.0933688	0.517653	-1.9318	0.643794	0.84694	-1.18072	0.00475265	0.262461	-3.81009	0.0260181	0.380636	-2.5665	0.816471	1.08648	1.08648	3.66521	7.38884	1.79194	1
cg03712961	ARHGAP22	0.0144407	0.429307	0.6139	-1.62933	0.48162	0.657386	-1.52077	0.0226429	0.211776	-4.72199	0.0440524	0.258059	-3.87526	0.0145063	0.0550939	-18.1583	0.0232651	0.944714	-1.05853	0.0232476	0.0815506	-12.2613	0.0527193	0.21261	-4.70364	0.0127637	0.179529	0.87946	2.12247	0.758478	0.482536	1
cg13009566	ARHGAP23	0.00197365	0.148E-06	0.13084	-7.64443	0.0326594	1.70565	1.70565	0.0127066	1.07962	1.07962	0.0647587	0.46952	-2.1294	0.00208743	0.0824733	-12.1247	0.0116686	0.510068	-1.96052	0.262825	0.779302	-1.2832	0.0800886	0.9684427	-1.0326	0.00203497	0.394926	-2.53212	18.4374	13.3221	0.624276	1
cg09120188	ARHGAP23	0.00398055	0.578295	1.20165	1.20165	0.208713	1.54269	1.54269	0.000397226	0.1581	-6.32513	0.513642	1.24197	1.24197	9.94E-05	0.104403	-9.57824	0.00142192	0.220885	-4.52724	0.000251519	0.138779	-7.20572	0.36863	0.739279	-1.35267	0.0166688	0.384447	-2.60114	15.2206	25.7979	1.5066	1
cg09735097	ARHGAP23	0.00308565	0.153827	1.15318	1.15318	0.0979274	1.07183	-1.27999	0.0111503	0.25149	-3.97584	0.0743225	0.604557	-1.65347	0.0617524	0.441801	-2.26346	0.0017729	0.213195	-4.69088	0.0454105	0.198562	-5.03621	0.0415206	0.198562	-5.03621	0.0415206	0.44124	0.825157	-2.12189	12.3754	0.354478	1
cg00994583	ARHGAP23	0.00113363	0.769321	0.965981	-1.03137	0.0218429	0.749067	-1.33499	0.00618222	0.68739	-1.45489	0.0167134	1.35896	1.35896	0.100151	1.20821	1.20821	0.753193	1.03367	1.03367	0.944.05	0.207852	0.07852	0.036413	0.774637	-1.29093	0.816953	0.975949	-1.02464	13.3545	1.98255	0.155204	1
cg21004919	ARHGAP23	0.00289584	0.140763	1.39063	1.39063	0.0109214	0.868267	-1.15173	0.00200551	0.47827	-2.47817	0.0719238	1.51586	1.51586	0.0148127	1.34812	1.34812	0.0156517	0.539274	-1.85381	0.790178	1.08377	1.08377	0.0507788	0.629287	-1.5891	0.0286339	1.71151	1.71151	6.15543	4.25966	0.6409844	1
cg07621227	ARHGAP23	0.0158422	0.117829	-1.41593	-1.41593	0.0819483	1.48395	1.48395	0.0417937	0.87439	-1.14305	0.0282936	1.69937	1.69937	0.0167306	1.4811	1.4811	0.0040459	1.62359	-1.62359	0.000809568	2.81417	2.81417	0.0318201	1.23525	1.23525	0.0636792	1.53254	1.53254	5.08773	3.3791	0.59007	1
cg15961473	ARHGAP23	0.0177976	0.347197	0.713777	-1.401	0.0113489	0.314475	-3.01682	0.0241058	0.391825	-2.55223	0.29497	0.684991	-1.45987	0.0145886	0.3506696	-2.85148	0.00891344	0.313756	-3.18719	0.00246116	0.230599	-4.33653	0.0582945	0.474557	-2.10723	0.0950539	0.527829	1.89455	4.89369	9.405	1.70832	1
cg09513386	ARHGAP23	0.0365011	0.0207068	1.88468	1.88468	0.0127227	2.24473	2.24473	0.0290707	2.01363	2.01363	0.0930429	1.53399	1.53399	0.0930429	1.53399	1.53399	0.0164202	1.88844	1.88844	0.0090409	2.13964	2.13964	0.0127866	2.54112	2.54112	0.00788449	2.43685	2.43685	0.606431	2.68862	0.5186	0.192686	1
cg11203143	ARHGAP23	0.0371115	0.258542	0.754257	-1.32581	0.764082	1.07466	1.07466	0.00707497	0.443901	-2.29936	0.0482897	0.582826	-1.71578	0.158349	0.697145	-1.43442	0.136694	0.681438	-1.46749	0.057328	0.597874	-1.67259	0.0104248	0.462307	-2.16307	0.0184423	0.504653	-1.98156	3.78571	3.43144	0.805705	1
cg04676793	ARHGAP23	0.0412192	0.312984	0.35308	-2.83208	0.136702	1.86086	1.86086	0.152619	1.83022	1.83022	0.208165	0.598075	-1.67203	0.770173	1.12017	1.12017	0.409433	1.38652	1.38652	0.00736259	0.83119	1.83119	0.0756756	1.76325	1.76325	0.157659	1.79546	1.79546	4.67529	8.73948	2.12247	1
cg20028019	ARHGAP23	0.0415387	0.505799	2.97436	2.97436	0.162059	2.05109	2.05109	0.021103	2.39974	2.39974	0.0478669	3.0246	3.0246	0.530554	1.36456	1.36456	0.0116686	0.510068	-1.96052	0.262825	0.779302	-1.2832	0.0800886	0.9684427	-1.0326	0.00203497	0.394926	-2.53212	18.4374	13.3221	0.624276	1
cg11883358	ARHGAP23	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0	0	1
cg26284470	ARHGAP24	2.90E-05	0.7743	0.945682	-1.05744	0.00178311	2.49756	2.49756	0.000679786	0.95146	2.95146	0.314643	1.225	1.225	0.857133	1.03562	1.03562	0.0100378	0.519357	-1.92546	0.00394966	0.220381	2.20381	5.23E-07	25.7277	25.7277	0.0227325	1.7243	1.7243	41.8653	24.4726	0.454655	1
cg23707400	ARHGAP24	0.00012818	0.0001427	0.184507	-5.41984	0.0997945	1.59181	1.59181	0.0731766	0.597491	-1.67366	0.177448	0.69113	-1.44691	0.00215935	0.203659	-4.91016	0.123278	0.650314	-1.53772	0.00486436	0.382031	-2.61759	6.18E-05	6.71211	6.71211	0.00719718	0.408969	-2.44517	21.0001	22.0945	0.935209	1
cg24177607	ARHGAP24	0.00608795	0.464636	0.8	-1.25002	0.0139114	0.874431	-1.14388	0.0744711	0.92024	1.08624	0.0882869	0.956137	1.04594	0.0540234	0.5303287	-1.88577	0.602172	0.882039	-1.13361	0.0481144	0.315554	-3.16867	0.0146558	0.588208	1.02744	1.02744	0.0415288	0.926568	1.02744	1.02744	0.588208	1.18452	1
cg04148124	ARHGAP24	0.00184155	0.0250322	0.336482	-2.97193	0.74204	0.873765	-1.14447	0.597906	1.24289	1.24289	0.0388237	0.376317	-2.65733	0.015855	0.299041	-3.34402	0.484324	0.747995	-1.33691	0.0420899	0.384114	-2.60339	0.00010482	0.164527	16.4527	0.202321	0.576979	-1.73317	9.87617	26.1074	2.34976	1
cg23097681	ARHGAP24	0.00184433	0.0027892	0.463823	-2.15599	0.479354	0.741783	-1.3481	0.81608	0.907757	-1.10162	0.240782	0.600426	-1.66549	0.0103182	0.477023	-2.09634	0.265712	0.617692	-1.61893	0.453242	0.298056	-3.37352	3.39E-05	28.0878	28.0878

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00045607	ARHGAP30;ARHGAP30;ARHGAP30;ARHGAP30	0.0033185	0.0474062	0.700097	-1.42837	0.0615811	1.39235	1.39235	0.00243269	0.515128	-1.94127	0.0046862	0.553837	-1.80558	0.00420458	0.547375	-1.8269
cg03089651	ARHGAP30;ARHGAP30;ARHGAP30;ARHGAP30	0.0131808	0.849662	1.03653	1.03653	0.339852	0.830297	-1.20439	0.013335	0.560135	-1.78528	0.0386375	0.635833	-1.57274	0.00509664	0.496688	-2.01334
cg26918720	ARHGAP4;ARHGAP4	0.00129997	0.000531332	0.176773	-5.65696	0.250025	0.67965	-1.47134	0.752016	1.1072	1.1072	0.700181	0.883112	-1.13236	0.000340673	0.156653	-6.38352
cg06791102	ARHGAP4;ARHGAP4	0.00281008	0.0203695	7.48276	7.48276	0.871951	1.12313	1.12313	0.263379	2.31484	2.31484	0.148633	3.05019	3.05019	0.087581	0.2573	-3.88652
cg02895192	ARHGAP4;ARHGAP4	0.017116	0.143945	0.61906	-1.61535	0.0397943	0.483821	-2.06688	0.0110737	0.377899	-2.64621	0.358755	0.749567	-1.3341	0.0575006	0.518813	-1.92748
cg05906362	ARHGAP4;ARHGAP4	0.0418317	0.00514417	0.270898	-3.69142	0.0198283	0.370044	-2.70238	0.207204	0.624938	-1.60016	0.161821	1.6955	1.6955	0.118428	0.549302	-1.82049
cg20069681	ARHGAP5;ARHGAP5	0.00199571	0.0820851	0.829213	-1.20596	0.221666	0.882604	-1.13301	0.00359698	0.681647	-1.46703	0.746319	0.968937	-1.03206	0.0217785	0.76514	-1.30695
cg21808131	ARHGAP5;ARHGAP5	0.00704096	0.0616642	0.641719	-1.55831	0.105448	0.688807	-1.45179	0.00203156	0.399724	-2.50173	0.516428	0.870526	-1.14873	0.00312531	0.4267	-2.34357
cg07564690	ARHGAP5;ARHGAP5	0.0201376	0.817032	1.11318	1.11318	0.003251	6.40261	6.40261	0.00891717	4.66165	4.66165	0.824718	0.902463	-1.10808	0.775463	1.14146	1.14146
cg21076271	ARHGAP5;ARHGAP5;ARHGAP5;C14orf128;ARHGAP5	0.0320138	0.315336	1.19294	1.19294	0.106582	1.34908	1.34908	0.103697	1.35306	1.35306	0.76147	1.0531	1.0531	0.0738272	1.403	1.403
cg23905618	ARHGAP5;ARHGAP5;C14orf128	0.0253848	0.109201	0.356954	-2.80148	?	?	?	0.0158081	0.161228	-6.2024	0.0112751	0.138535	-7.21841	0.492544	1.49243	1.49243
cg26916470	ARHGAP5;ARHGAP5;C14orf128	0.0316747	0.137549	0.271137	-3.68817	?	?	?	0.00470105	27.9995	27.9995	0.926306	0.929152	-1.07625	0.126376	0.258771	-3.86442
cg07948245	ARHGAP5;C14orf128;ARHGAP5	0.00242282	0.000189938	0.27049	-3.69699	0.338025	1.22786	1.22786	0.992354	0.99801	-1.00199	0.0218362	0.564424	-1.77172	0.501769	1.15222	1.15222
cg03003608	ARHGAP5;C14orf128;ARHGAP5	0.010424	0.0855306	0.716842	-1.39501	0.0136155	1.70679	1.70679	0.00296029	2.0432	2.0432	0.103543	0.732106	-1.36592	0.0569613	0.685714	-1.45833
cg26343366	ARHGAP6;AMELX;AMELX;ARHGAP6;AMELX	0.0136388	0.915759	1.02221	1.02221	0.00378683	0.444433	-2.25006	0.00427072	0.452195	-2.21144	0.219086	1.30777	1.30777	0.0775551	0.665444	-1.50276
cg20477705	ARHGAP6;ARHGAP6	0.000294292	0.0041372	3.02239	3.02239	0.00171652	3.62326	3.62326	0.199952	0.677388	-1.47626	0.490911	0.81768	-1.22297	0.0126841	0.410171	-2.43801
cg11530701	ARHGAP6;ARHGAP6	0.00105383	0.00698199	1.77503	1.77503	0.0140036	0.607146	-1.64705	0.816779	0.962553	-1.0389	0.0012665	0.461358	-2.16752	0.00102725	0.449283	-2.22577
cg05860920	ARHGAP6;ARHGAP6	0.00151454	0.0261599	0.348628	-2.86839	0.999623	1.00019	1.00019	0.00604482	0.238793	-4.18772	0.208686	0.589013	-1.69776	0.00172189	0.167569	-5.96771
cg25298085	ARHGAP6;ARHGAP6	0.00187465	0.0742153	0.539239	-1.85446	0.000505512	0.184998	-5.40547	0.000581115	0.191731	-5.21564	0.00627598	0.331081	-3.02041	0.000709678	0.201648	-4.95915
cg09035532	ARHGAP6;ARHGAP6	0.00376369	0.420036	0.812211	-1.23121	0.0249824	0.509965	-1.96092	0.000181285	0.202069	-4.94881	0.233157	0.729342	-1.3711	0.0236696	0.505621	-1.97777
cg17968718	ARHGAP6;ARHGAP6	0.00654443	0.328117	1.4205	1.4205	0.489406	1.27658	1.27658	0.0289273	0.408356	-2.44884	0.742235	0.891572	-1.12161	0.000117948	0.0959641	-10.4206
cg03100992	ARHGAP6;ARHGAP6	0.00814067	0.668935	1.15987	1.15987	0.197986	1.59856	1.59856	0.735249	0.889571	-1.12414	0.0764119	1.9731	1.9731	0.550614	0.812051	-1.23145
cg23722529	ARHGAP6;ARHGAP6	0.00979645	0.0634592	4.02522	4.02522	0.0807184	3.64172	3.64172	0.397195	1.78333	1.78333	0.299102	2.05058	2.05058	0.481949	1.61109	1.61109
cg17082365	ARHGAP6;ARHGAP6	0.0114526	0.724634	0.884422	-1.13068	0.0514081	0.462942	-2.1601	0.872199	1.0575	1.0575	0.182693	1.63403	1.63403	0.226452	0.643378	-1.5543
cg19935097	ARHGAP6;ARHGAP6	0.0175086	0.342134	1.33386	1.33386	0.682827	0.886107	-1.12853	0.316372	0.737212	-1.35646	0.0178909	0.428679	-2.33275	0.0105529	0.387955	-2.57762
cg24401049	ARHGAP6;ARHGAP6	0.0177	0.0909683	2.62251	2.62251	0.0404773	3.4051	3.4051	0.371021	1.60904	1.60904	0.429803	1.51788	1.51788	0.0730583	0.355155	-2.81567
cg16242750	ARHGAP6;ARHGAP6	0.0283873	0.124432	2.40072	2.40072	0.737243	0.837555	-1.19395	0.365481	0.612931	-1.63151	0.1945	0.48552	-2.05965	0.00762481	0.1643	-6.08643
cg23171231	ARHGAP6;ARHGAP6	0.0451414	0.306766	0.602547	-1.65962	0.351451	0.631833	-1.5827	0.0436122	0.329312	-3.03663	0.067527	0.375055	-2.66628	0.037508	0.314865	-3.17596
cg26918919	ARHGAP6;ARHGAP6;ARHGAP6	0.000103427	0.104998	1.36767	1.36767	8.17E-05	0.285036	-3.50833	6.64E-05	0.274564	-3.64214	0.0869094	1.39676	1.39676	5.62E-05	0.266316	-3.75494
cg15529512	ARHGAP6;ARHGAP6;ARHGAP6	0.000243983	0.828954	0.956395	-1.04559	0.000224348	0.282198	-3.54361	0.0210922	0.564629	-1.77108	0.541586	1.1358	1.1358	1.04E-05	0.143156	-6.98537
cg03660876	ARHGAP6;ARHGAP6;ARHGAP6;ARHGAP6	0.0247952	0.021698	0.294497	-3.39562	0.0120139	0.249144	-4.01375	0.123714	0.477321	-2.09503	0.546737	0.762972	-1.31066	0.0149173	0.265012	-3.77341
cg13452317	ARHGAP8;ARHGAP8;PRR5-ARHGAP8;ARHGAP8;ARHGAP8	0.00847569	0.332392	0.77716	-1.28674	0.787791	0.93424	-1.07039	0.00264256	2.85456	2.85456	0.305396	1.30679	1.30679	0.000551134	3.86647	3.86647
cg20686461	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	4.18E-05	0.879016	0.977675	-1.02283	0.252109	1.19403	1.19403	0.0517513	0.720272	-1.38836	0.934263	0.987846	-1.0123	1.07E-05	0.248606	-4.02242
cg04181864	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.00170573	0.580411	0.882526	-1.13311	0.135025	0.697252	-1.4342	0.0129278	0.501266	-1.99495	0.337198	0.801351	-1.24789	0.000236785	0.255829	-3.90886
cg13363124	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.0058338	0.786048	0.922325	-1.08422	0.0248008	0.452018	-2.2123	0.360998	0.756492	-1.32189	0.990372	1.00359	1.00359	0.642134	0.870158	-1.14922
cg27407546	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.00590653	0.0706904	0.590234	-1.69424	0.00505158	0.379903	-2.63225	0.00396509	0.363731	-2.74928	0.22976	0.719681	-1.3895	0.138429	0.659418	-1.51649
cg12877165	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.00971051	0.00150986	0.203789	-4.90703	0.577885	1.21607	1.21607	0.0267582	0.401224	-2.49238	0.0117066	0.334177	-2.99242	0.00718733	0.298936	-3.3452
cg08339023	ARHGAP9;ARHGAP9	0.000780153	0.00621112	0.225459	-4.4354	0.000488647	0.102152	-9.78936	0.000238162	0.0787896	-12.692	0.0255707	0.330351	-3.02709	0.00360196	0.192902	-5.18399
cg14802312	ARHGAP9;ARHGAP9	0.00676674	0.0102754	0.133703	-7.47926	0.0120811	0.142736	-7.00592	0.00239319	0.0718955	-13.9091	0.0875494	0.309351	-3.23257	0.00739721	0.116865	-8.55685
cg03886558	ARHGAP9;ARHGAP9;ARHGAP9	0.000157375	0.00108645	2.66192	2.66192	0.937318	1.0161	1.0161	0.0607186	1.53621	1.53621	0.000180744	3.62067	3.62067	0.024851	1.71988	1.71988
cg16164619	ARHGAP9;ARHGAP9;ARHGAP9	0.000517959	0.000454319	0.189472	-5.27784	0.00138798	0.247726	-4.03672	0.00136916	0.246956	-4.0493	0.231774	1.45883	1.45883	0.00206909	0.270896	-3.69145
cg05584759	ARHGAP9;ARHGAP9;ARHGAP9	0.000600867	0.0265804	1.6038	1.6038	0.00453737	1.97294	1.97294	0.0493209	1.49661	1.49661	0.00528027	1.93653	1.93653	0.0799942	1.4178	1.4178
cg22152796	ARHGAP9;ARHGAP9;ARHGAP9	0.000704079	0.555544	0.873519	-1.14479	0.00769479	2.17429	2.17429	0.798712	1.05967	1.05967	0.684631	0.911549	-1.09703	0.930901	0.980523	-1.01986
cg06015525	ARHGAP9;ARHGAP9;ARHGAP9	0.000799338	0.000286595	0.17264	-5.79239	0.173367	0.650669	-1.53688	0.00177505	0.267081	-3.74418	0.0642576	0.539668	-1.85299	0.00148348	0.256677	-3.89595
cg08134678	ARHGAP9;ARHGAP9;ARHGAP9	0.00413875	0.0173879	0.227562	-4.39441	0.178556	0.481641	-2.07624	0.00247375	0.116383	-8.5923	0.0966308	0.393637	-2.54041	0.00974456	0.188057	-5.31754
cg20009327	ARHGAP9;ARHGAP9;ARHGAP9	0.0472927	0.913092	0.957354	-1.04455	0.436301	1.37305	1.37305	0.0621878	2.31206	2.31206	0.241286	1.63177	1.63177	0.893996	1.05466	1.05466
cg25141766	ARHGDIA	0.00044482	0.000155835	0.296238	-3.37567	0.240302	1.25986	1.25986	0.658993	1.08703	1.08703	0.312718	1.21678	1.21678	0.000515891	0.361271	-2.76801
cg22395573	ARHGDIA	0.00168835	0.118497	0.789364	-1.26684	0.00936514	1.58388	1.58388	0.0535506	0.736392	-1.35797	0.00411194	1.7112	1.7112	0.0984206	0.776509	-1.28782
cg11326429	ARHGDIA	0.00338283	0.0334331	0.482571	-2.07223	0.325332	1.34684	1.34684	0.316817	1.35446	1.35446	0.0368921	2.03533	2.03533	0.657437	0.87735	-1.1398
cg10236857	ARHGDIA	0.00739373	0.00100722	0.343103	-2.91458	0.58518	0.886204	-1.12841	0.507123	1.15894	1.15894	0.912267	0.976133	-1.02445	0.00462396	0.437843	-2.28392
cg06457408	ARHGDIA	0.0126964	0.00270772	0.362868	-2.75582	0.0470139	0.573362	-1.7441	0.524759	0.8541	-1.17082	0.146294	0.682787	-1.46459	0.0266353	0.525805	-1.90184
cg24766002	ARHGDIA	0.0275169	0.343533	1.11179	1.11179	0.0860289	1.22877	1.22877	0.215822	1.15196	1.15196	0.122697	0.833903	-1.19918	0.127782	0.836258	-1.1958
cg26074051	ARHGDIA	0.0375847	0.257082	0.792724	-1.26147	0.00516708	2.06489	2.06489	0.0343964	1.62348	1.62348	0.846484	0.962651	-1.0388	0.559567	0.89059	-1.12285
cg23919433	ARHGDIA	0.0419233	0.415232	0.762572	-1.31135	0.0473664	0.477864	-2.09264	0.160453	1.62912	1.62912	0.00772034	3.04641	3.04641	0.0376693	0.456235	-2.19185
cg14122358	ARHGDIA	0.0491909	0.0739248	1.70492	1.70492	0.226947	0.711929	-1.40463	0.306264	1.32806	1.32806	0.0250507	0.489689	-2.04211	0.184367	0.685817	-1.45811
cg05194864	ARHGDIB	0.000259314	0.491244	0.88696	-1.12745	0.00100733	0.432847	-2.31028	0.000298464	0.364294	-2.74503	0.192833	0.789414	-1.26676	7.70E-05	0.292677	-3.41674
cg06395232	ARHGDIB	0.00174672	0.191312	0.673827	-1.48406	0.00200241	0.28807	-3.47138	0.0158404	0.430276	-2.32409	0.00798217	0.378974	-2.63871	0.000999155	0.247961	-4.0329
cg22614759	ARHGDIB	0.00863037	0.550382	0.883359	-1.13204	0.311137	1.23998	1.23998	0.0250677	0.578644	-1.72818	0.0824248	0.673754	-1.48422	0.185599	1.33391	1.33391
cg10087172	ARHGDIB;ARHGDIB	0.0116848	0.095404	0.387659	-2.57959	0.141037	0.440923	-2.26797	0.180377	0.479113	-2.08719	0.12678	0.425576	-2.34976	0.000692826	0.0687	-14.556
cg27560922	ARHGDIG	0.00462748	0.866154	0.97968	-1.02074	0.00288098	1.64675	1.64675	0.000126326	2.25288	2.25288	0.185605	1.18627	1.18627	0.0493728	1.31384	1.31384
cg16552945	ARHGDIG	0.0106361	0.193038	1.96418	1.96418	0.0102365	5.11604	5.11604	0.0072626	5.77343	5.77343	0.837743	1.10477	1.10477	0.0487252	0.327347	-3.05486
cg15755548	ARHGDIG	0.0172052	0.470985	1.17939	1.17939	0.328235	1.2549	1.2549	0.00098372	3.01099	3.01099	0.845557	0.95707	-1.04486	0.315001	0.791542	-1.26336
cg08853359	ARHGDIG	0.0450665	0.693904	1.17121	1.17121	0.897678	1.05275	1.05275	0.346692	1.4728	1.4728	0.491169	0.756247	-1.32232	0.159011	1.82472	1.82472
cg09357140	ARHGDIG;PDIA2	0.0321757	0.623047	0.832148	-1.20171	0.0180928	2.90005	2.90005	0.114031	1.89196	1.89196	0.158653	0.571879	-1.74862	0.00542109	0.257364	-3.88555
cg26772538	ARHGEF10	8.50E-06	0.000881645	0.636278	-1.57164	0.00909264	1.35068	1.35068	0.00272583	0.687069	-1.45546	0.000732114	0.627801	-1.59286	2.89E-07	0.254463	-3.92985
cg02150714	ARHGEF10	0.000215314	0.305624	1.13018	1.13018	2.47E-06	0.267898	-3.73276	0.337223	0.892126	-1.12092	0.449129	0.914859	-1.09306	0.755016	0.964532	-1.03677
cg10890925	ARHGEF10	0.000357437	0.000499601	0.275055	-3.63563	0.000509205	0.27609	-3.622	0.000570069	0.282267	-3.54274	0.882954	0.965681	-1.03554	5.32E-05	0.167269	-5.97838
cg16294168	ARHGEF10	0.000744189	0.0402947	1.45496	1.45496	4.52E-05	3.39189	3.39189	0.297392	1.18648	1.18648	0.272359	1.19822	1.19822	0.0594099	0.714043	-1.40048
cg06148330	ARHGEF10	0.00113955	0.0516636	0.736054	-1.3586	0.0902181	1.2948	1.2948	0.000754635	0.493186	-2.02763	0.400329	0.887698	-1.12651	3.72E-05	0.333896	-2.99494
cg00131893	ARHGEF10	0.00270389	0.0184044	0.771744	-1.29577	0.0851837	0.841625	-1.18818	0.206429	0.886272	-1.12832	0.00997898	0.744712	-1.3428	0.931182	1.00786	1.00786
cg12502286	ARHGEF10	0.00289649	0.0206609	0.72173	-1.38556	0.558488	1.07169	1.07169	0.0811067	0.79748	-1.25395	0.304829	1.13241	1.13241	0.00110487	0.569662	-1.75543
cg04926329	ARHGEF10	0.00335377	0.312747	1.48426	1.48426	?	?	?	0.327645	1.46527	1.46527	0.0257593	0.359157	-2.7843	0.031531	0.377912	-2.64612
cg24138325	ARHGEF10	0.0036981	0.0641133	0.579263	-1.72633	0.0599217	1.74549	1.74549	0.582592	0.864448	-1.15681	0.00753126	0.405574	-2.46564	0.307606	0.757939	-1.31937
cg16852369	ARHGEF10	0.00390469	0.00144811	0.257903	-3.87742	0.0796895	1.77302	1.77302	0.217968	0.682775	-1.46461	0.00690765	0.357177	-2.79973	0.000723303	0.219977	-4.54593
cg14023009	ARHGEF10	0.00420952	0.0852339	0.645479	-1.54924	0.112279	1.48852	1.48852	0.00337893	0.399708	-2.50182	0.01015	0.474279	-2.10846	0.0617767	0.616331	-1.6225
cg17992194	ARHGEF10	0.00445864	0.000659985	0.481488	-2.0769	0.869572	1.02329	1.02329	0.367621	0.878391	-1.13845	0.509169	0.910443	-1.09837	0.954196	0.991985	-1.00808
cg10434754	ARHGEF10	0.00458553	0.00879918	1.53656	1.53656	0.124847	1.23853	1.23853	0.193433	1.19386	1.19386	0.129809	1.23456	1.23456	0.0496814	1.33416	1.33416
cg24889829	ARHGEF10	0.00469236	0.034144	0.479479	-2.0856	0.00400214	0.316622	-3.15834	0.0188247	0.429073	-2.33061	0.10865	0.594339	-1.68254	0.001316	0.249075	-4.01486
cg01674777	ARHGEF10	0.0049693	0.111508	1.70698	1.70698	0.000486974	0.185192	-5.39981	0.0220539	0.428699	-2.33264	0.302339	1.39043	1.39043	0.295714	1.39724	1.39724
cg26832427	ARHGEF10	0.00814376	0.872739	1.03528	1.03528	0.307745	1.25657	1.25657	0.0877936	1.50321	1.50321	0.000486591	0.306459	-3.26308	0.470895	0.853283	-1.17194
cg24889466	ARHGEF10	0.00903817	0.0737807	0.522313	-1.91456	0.675231	0.871694	-1.14719	0.114434	1.74981	1.74981	0.022848	2.42903	2.42903	0.00135566	0.219576	-4.55423
cg11902180	ARHGEF10	0.00961198	0.0303653	0.45296	-2.2077	0.0132516	0.384758	-2.59904	0.0340992	0.463266	-2.15859	0.0592019	0.51541	-1.9402	0.000731375	0.202433	-4.9399
cg03726963	ARHGEF10	0.00997201	0.835737	1.05763	1.05763	0.560908	0.853269	-1.17196	0.0113228	0.424916	-2.35341	0.0197568	0.467794	-2.13769	0.707874	1.10693	1.10693
cg14925067	ARHGEF10	0.0103535	0.0537591	0.341281	-2.93014	0.0999083	0.412708	-2.42302	0.0682527	0.367076	-2.72423	0.821839	0.895196	-1.11707	0.00229572	0.123436	-8.10134
cg22880677	ARHGEF10	0.0144934	0.0114896	0.405155	-2.46819	0.910185	0.968269	-1.03277	0.751651	1.09496	1.09496	0.88771	1.0412	1.0412	0.849829	0.947279	-1.05566
cg16592709	ARHGEF10	0.0147483	0.113336	0.598719	-1.67023	0.072999	0.551389	-1.8136	0.096453	0.580806	-1.72174	0.0842656	0.566317	-1.7658	0.111863	0.597241	-1.67437
cg03748210	ARHGEF10	0.0150711	0.898265	0.980446	-1.01994	0.0562851	1.39613	1.39613	0.148894	0.787423	-1.26997	0.00475707	0.56061	-1.78377	0.336886	1.16516	1.16516
cg25330029	ARHGEF10	0.0160644	0.113458	1.76325	1.76325	0.136394	0.589548	-1.69621	0.0735755	0.518477	-1.92873	0.0144273	2.69889	2.69889	0.249771	0.672963	-1.48596
cg21757988	ARHGEF10	0.0177981	0.0178154	0.663925	-1.50619	0.429898	0.891751	-1.12139	0.0267007	0.688438	-1.45256	0.38223	0.880365	-1.13589	0.90114	0.982485	-1.01783
cg07428430	ARHGEF10	0.0180932	0.000443671	0.509752	-1.96174	0.169177	0.836939	-1.19483	0.594166	0.936735	-1.06754	0.629886	1.06078	1.06078	0.592987	0.936536	-1.06776
cg12035503	ARHGEF10	0.0183712	0.0534693	0.580204	-1.72353	0.268157	1.33144	1.33144	0.0180613	2.03964	2.03964	0.203872	0.716901	-1.39489	0.00190453	0.335681	-2.97901
cg23204612	ARHGEF10	0.0233652	0.841356	0.949346	-1.05336	0.186402	0.695356	-1.43811	0.284619	0.749538	-1.33416	0.153365	1.48669	1.48669	0.00294948	0.34687	-2.88292
cg11699208	ARHGEF10	0.0237183	0.783255	1.0298	1.0298	0.330177	1.11294	1.11294	0.0245642	0.751895	-1.32997	0.80097	1.02726	1.02726	0.0805787	1.2292	1.2292
cg17458053	ARHGEF10	0.0241662	0.299912	1.29907	1.29907	0.0227167	0.51469	-1.94292	0.81943	0.945832	-1.05727	0.0216936	1.9567	1.9567	0.0531012	1.7079	1.7079
cg15414698	ARHGEF10	0.0256865	0.00358818	2.17952	2.17952	0.937405	0.984604	-1.01564	0.217018	0.773681	-1.29252	0.759333	1.06258	1.06258	0.020623	0.57651	-1.73457
cg15164048	ARHGEF10	0.0263431	0.0830153	1.36583	1.36583	0.834895	0.966667	-1.03448	0.618867	1.08487	1.08487	0.512833	1.11383	1.11383	0.811601	0.961956	-1.03955
cg20163645	ARHGEF10	0.0264207	0.0442115	2.41706	2.41706	0.567378	1.24697	1.24697	0.851759	0.931063	-1.07404	0.0312504	2.62469	2.62469	0.0939332	2.02025	2.02025
cg14336665	ARHGEF10	0.0272209	0.189567	1.33261	1.33261	0.00211151	2.44297	2.44297	0.0127457	1.89552	1.89552	0.047542	1.5973	1.5973	0.136397	1.39317	1.39317
cg20612486	ARHGEF10	0.0291913	0.971909	0.992821	-1.00723	0.0155356	1.83529	1.83529	0.0979672	1.44977	1.44977	0.930304	1.01806	1.01806	0.0333646	1.66318	1.66318
cg11407612	ARHGEF10	0.0329858	0.201937	1.44338	1.44338	0.565442	0.853631	-1.17147	0.531887	1.18823	1.18823	0.837602	1.05749	1.05749	0.0123917	0.428326	-2.33467
cg22384183	ARHGEF10	0.0361797	0.465561	0.874731	-1.14321	0.0121116	1.75714	1.75714	0.488742	0.880951	-1.13514	0.837184	1.03778	1.03778	0.908372	0.979464	-1.02097
cg19351604	ARHGEF10	0.0368909	0.0580216	0.744811	-1.34262	0.70962	0.949868	-1.05278	0.434175	0.896077	-1.11598	0.830095	0.970884	-1.02999	0.110995	0.787609	-1.26967
cg08980014	ARHGEF10	0.0394901	0.668505	0.922697	-1.08378	0.00941002	0.540728	-1.84936	0.0872124	0.702786	-1.42291	0.0734933	0.688872	-1.45165	0.743177	0.94044	-1.06333
cg11047382	ARHGEF10	0.0405343	0.342596	1.18607	1.18607	0.00576161	1.88039	1.88039	0.359804	1.17858	1.17858	0.668113	1.07818	1.07818	0.048995	1.48034	1.48034
cg25389250	ARHGEF10	0.0413425	0.884404	1.03456	1.03456	0.00661519	0.438949	-2.27817	0.351789	0.799473	-1.25082	0.194829	0.72594	-1.37752	0.596471	1.13293	1.13293
cg15697793	ARHGEF10	0.0418606	0.174857	1.30564	1.30564	0.968808	1.00725	1.00725	0.108397	0.723483	-1.3822	0.110189	1.37955	1.37955	0.243655	1.25289	1.25289
cg24352757	ARHGEF10	0.0433298	0.234968	0.822513	-1.21579	0.310566	1.17903	1.17903	0.860507	0.972769	-1.02799	0.131521	0.774494	-1.29117	0.921797	0.984705	-1.01553
cg14681767	ARHGEF10	0.045278	0.853371	0.961032	-1.04055	0.0771812	1.52522	1.52522	0.020918	1.81673	1.81673	0.868312	1.03629	1.03629	0.670247	1.09639	1.09639
cg24804146	ARHGEF10	0.0469995	0.628127	1.13455	1.13455	0.00238766	2.98891	2.98891	0.0137109	2.1996	2.1996	0.897868	0.967333	-1.03377	0.398602	0.799699	-1.25047
cg06879681	ARHGEF10	0.0471319	0.128874	0.784934	-1.27399	0.0132639	1.57282	1.57282	0.609595	0.926821	-1.07896	0.442047	0.890774	-1.12262	0.81626	1.03494	1.03494
cg12512466	ARHGEF10	0.0474598	0.30039	1.36408	1.36408	0.199906	0.675844	-1.47963	0.460758	0.804716	-1.24267	0.798462	0.928645	-1.07684	0.269078	1.39517	1.39517
cg06458358	ARHGEF10;ARHGEF10	0.025256	0.508029	0.877507	-1.13959	0.614658	1.10382	1.10382	0.171314	1.32767	1.32767	0.150739	1.34943	1.34943	0.504201	0.87644	-1.14098
cg11824121	ARHGEF10L	0.000148702	0.245791	1.13303	1.13303	0.302017	0.895823	-1.11629	0.327371	1.10963	1.10963	0.146768	1.17378	1.17378	6.92E-05	0.473298	-2.11284
cg10115348	ARHGEF10L	0.000155232	0.0142629	0.577176	-1.73257	0.0128037	1.75457	1.75457	0.00105972	2.41165	2.41165	0.00266712	2.1283	2.1283	0.000109466	0.289739	-3.45138
cg22491111	ARHGEF10L	0.0108257	0.759072	0.909579	-1.09941	0.00213021	3.78	3.78	0.717041	1.11866	1.11866	0.720876	0.895361	-1.11687	0.0763229	0.544711	-1.83584
cg22945605	ARHGEF10L	0.0125245	0.0445788	1.49262	1.49262	0.301817	0.830458	-1.20415	0.107029	1.35737	1.35737	0.955549	0.990366	-1.00973	0.00170043	0.459141	-2.17798
cg18641151	ARHGEF10L	0.0314187	0.0208062	0.711667	-1.40515	0.00457811	0.625345	-1.59912	0.125571	0.819409	-1.22039	0.31657	0.883809	-1.13147	0.0142282	0.689902	-1.44948
cg14780070	ARHGEF10L;ARHGEF10L	0.00650602	0.138476	0.621044	-1.61019	0.343409	0.747133	-1.33845	0.0386335	0.489004	-2.04497	0.200652	0.667844	-1.49735	0.526757	0.825678	-1.21113
cg11663302	ARHGEF10L;ARHGEF10L	0.00804432	0.0190035	0.592607	-1.68746	0.46952	1.1452	1.1452	0.118736	1.36619	1.36619	0.173068	0.765573	-1.30621	0.000273283	0.333295	-3.00035
cg24394336	ARHGEF10L;ARHGEF10L	0.0109133	0.681895	1.18897	1.18897	0.087546	0.452887	-2.20805	0.570971	0.786241	-1.27187	0.0194878	0.305457	-3.27379	0.00631656	0.224557	-4.45321
cg13299927	ARHGEF10L;ARHGEF10L	0.0260904	0.154106	0.877705	-1.13933	0.146235	0.875156	-1.14265	0.00750146	0.745096	-1.34211	0.029449	1.24514	1.24514	0.481429	0.940653	-1.06309
cg15901550	ARHGEF10L;ARHGEF10L	0.027293	0.535266	1.18054	1.18054	0.0171022	2.15621	2.15621	0.00144968	3.37509	3.37509	0.658502	0.889066	-1.12478	0.393458	0.793676	-1.25996
cg04894027	ARHGEF10L;ARHGEF10L	0.0313503	0.0555606	0.549214	-1.82078	0.888675	1.03944	1.03944	0.507559	1.20405	1.20405	0.0329546	0.502112	-1.99159	0.286881	0.736785	-1.35725
cg21283193	ARHGEF10L;ARHGEF10L	0.0327384	0.0674545	0.753698	-1.32679	0.126162	1.25654	1.25654	0.00515026	0.600587	-1.66504	0.633914	0.935935	-1.06845	0.514083	1.09562	1.09562
cg13381844	ARHGEF10L;ARHGEF10L	0.0458176	0.464037	1.16333	1.16333	0.00348223	2.23641	2.23641	0.0979057	1.44569	1.44569	0.642125	1.09967	1.09967	0.042595	1.60629	1.60629
cg19922564	ARHGEF10L;ARHGEF10L	0.0479779	0.682093	0.866455	-1.15413	0.00105935	5.39281	5.39281	0.275654	1.48396	1.48396	0.729857	1.12823	1.12823	0.244868	1.52715	1.52715
cg11807529	ARHGEF10L;ARHGEF10L	0.049285	0.095269	0.336106	-2.97525	0.626918	0.747227	-1.33828	0.335688	0.554023	-1.80498	0.683485	0.783607	-1.27615	0.00617086	0.119446	-8.37195
cg13795627	ARHGEF11;ARHGEF11	0.00141214	0.0118438	0.718965	-1.39089	0.194689	0.865846	-1.15494	0.0664515	1.24126	1.24126	0.826255	1.02335	1.02335	0.000100656	0.48483	-2.06258
cg18281101	ARHGEF11;ARHGEF11	0.00833665	0.0261898	0.581985	-1.71826	0.0137745	1.86798	1.86798	0.00819242	2.00226	2.00226	0.112159	0.701196	-1.42613	0.0715164	0.66166	-1.51135
cg14265075	ARHGEF11;ARHGEF11	0.0102834	0.0672377	2.27317	2.27317	0.000739639	7.78228	7.78228	0.0038943	4.74085	4.74085	0.0490713	2.4585	2.4585	0.91253	0.956958	-1.04498
cg00040986	ARHGEF11;ARHGEF11	0.020869	0.136268	0.720508	-1.38791	0.330707	1.22746	1.22746	0.184726	0.750317	-1.33277	0.979398	0.994741	-1.00529	0.0116145	0.525072	-1.9045
cg26543539	ARHGEF11;MIR765;ARHGEF11	0.0449695	0.00940522	0.275227	-3.63336	0.735366	1.14218	1.14218	0.436227	0.732519	-1.36515	0.0241083	0.348536	-2.86914	0.0275244	0.360068	-2.77726
cg18567470	ARHGEF12	0.000192135	0.000767565	1.73249	1.73249	0.00222641	1.58739	1.58739	0.000281617	1.89712	1.89712	0.495784	1.07745	1.07745	0.00908846	1.42981	1.42981
cg12823408	ARHGEF12	0.000219534	0.00193491	0.392267	-2.54928	0.189596	1.34504	1.34504	0.0133623	0.520103	-1.9227	0.472101	0.85553	-1.16887	0.000149751	0.249254	-4.01198
cg05099464	ARHGEF12	0.000267203	0.000173572	0.0927261	-10.7845	0.0509658	0.436302	-2.29199	0.00626115	0.264742	-3.77727	0.00157699	0.183938	-5.4366	0.00702765	0.272491	-3.66985
cg26625290	ARHGEF12	0.000279016	0.015001	0.809607	-1.23517	0.21985	1.09541	1.09541	0.0833971	1.14496	1.14496	0.363017	1.06826	1.06826	0.0114811	1.25028	1.25028

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00045607	0.00926298	0.595059	-1.68051	0.332287	1.17026	1.17026	0.159576	0.789577	-1.2665	0.00481915	0.555508	-1.80015	8.30492	3.25011	0.347864	1
cg03089651	0.0244764	0.602484	-1.6598	0.149921	1.33886	1.33886	0.458624	0.867041	-1.15335	0.00408168	0.482563	-2.07227	5.40569	3.05996	0.503167	1
cg26918720	0.996357	1.00147	1.00147	0.00373483	3.51835	3.51835	0.0373283	2.17352	2.17352	0.810233	0.925629	-1.08035	10.9191	17.8475	1.45291	1
cg06791102	0.029039	6.37454	6.37454	0.000177517	96.8988	96.8988	0.00127756	29.4149	29.4149	0.383485	1.90277	1.90277	8.72569	71.6144	7.29538	1
cg02895192	0.0779563	0.549744	-1.81903	0.653836	0.871202	-1.14784	0.00982887	0.369036	-2.70976	0.00111168	0.230508	-4.33824	4.95819	7.32712	1.31358	1
cg05906362	0.780997	0.906192	-1.10352	0.287038	0.676573	-1.47804	0.0530411	0.459791	-2.1749	0.121217	0.552191	-1.81097	3.62271	7.16701	1.75854	1
cg20069681	0.0389989	0.792717	-1.26149	0.000191448	1.84208	1.84208	0.821736	1.02218	1.02218	0.112061	0.845176	-1.18319	9.64793	1.44414	0.133053	1
cg21808131	0.168522	0.734002	-1.36239	0.00655094	0.47503	-2.10513	0.0587006	0.637591	-1.5684	0.00133281	0.374103	-2.67306	6.60309	4.64528	0.625334	1
cg07564690	0.231023	1.78832	1.78832	0.00595712	5.2783	5.2783	0.590195	1.28601	1.28601	0.261959	0.582061	-1.71803	4.69361	15.9116	3.01339	1
cg21076271	0.814364	1.04078	1.04078	0.00305505	0.501871	-1.99254	0.213433	0.800409	-1.24936	0.293348	1.20349	1.20349	3.99326	1.82621	0.40651	1
cg23905618	0.306927	1.84388	1.84388	0.196288	2.21803	2.21803	0.0365294	4.34412	4.34412	0.298793	0.536187	-1.86502	5.56395	24.3476	3.28196	1
cg26916470	0.120841	0.252472	-3.96084	0.287751	2.43173	2.43173	0.221754	2.82533	2.82533	?	?	?	5.14912	38.1051	6.34314	1
cg07948245	0.676728	0.916545	-1.09105	0.0037286	0.443036	-2.25715	0.0397518	0.6101	-1.63908	0.0265848	1.72679	1.72679	9.11572	6.23627	0.608109	1
cg03003608	0.132777	0.7527	-1.32855	0.257139	0.812904	-1.23016	0.0921457	0.722739	-1.38363	0.516772	0.891246	-1.12203	5.83251	2.83385	0.431885	1
cg26343366	0.329028	1.23262	1.23262	0.168598	1.35602	1.35602	0.123091	1.41453	1.41453	0.415442	0.841301	-1.18864	5.34557	3.64891	0.60676	1
cg20477705	0.00140979	0.264529	-3.7803	0.000126267	0.1466	-6.8213	0.00886266	2.60731	2.60731	0.131641	1.59709	1.59709	16.5368	21.6742	1.16504	1
cg11530701	0.193938	1.2536	1.2536	0.00326152	1.93401	1.93401	0.219872	1.23633	1.23633	0.248252	1.21957	1.21957	11.5927	4.96539	0.380729	1
cg05860920	0.00366956	0.208284	-4.80113	9.19E-05	0.061452	-16.2729	0.0066621	0.245103	-4.07992	0.0111236	0.280504	-3.56501	10.4505	26.4003	2.24553	1
cg25298085	0.578622	0.840153	-1.19026	0.407844	1.30061	1.30061	0.120734	0.593082	-1.68611	0.565952	0.835155	-1.19738	9.82519	14.9969	1.35678	1
cg09035532	0.378319	0.795961	-1.25634	0.0140983	2.1489	2.1489	0.75841	1.081	1.081	0.541923	1.16868	1.16868	7.99771	8.07368	0.897332	1
cg17968718	0.83526	1.0751	1.0751	0.228537	0.644381	-1.55188	0.234016	0.648016	-1.54317	0.171755	0.602967	-1.65847	6.75507	12.937	1.70235	1
cg03100992	0.0441744	2.21911	2.21911	0.000473712	6.63721	6.63721	0.00607382	3.43912	3.43912	0.0113065	2.98531	2.98531	6.30943	11.8781	1.67342	1
cg23722529	0.0743628	3.76842	3.76842	0.000244559	57.1113	57.1113	0.0229587	6.14263	6.14263	0.0104394	8.59678	8.59678	5.94959	41.9563	6.2684	1
cg17082365	0.0572018	2.11091	2.11091	0.00204638	4.52229	4.52229	0.00548548	3.55385	3.55385	0.141174	1.73243	1.73243	5.65841	10.8066	1.69763	1
cg19935097	0.00523884	2.95632	2.95632	0.400694	1.28812	1.28812	0.156145	0.639843	-1.56288	0.29155	0.724615	-1.38004	4.92066	6.75105	1.21954	1
cg24401049	0.0659333	2.91047	2.91047	0.00305029	8.17728	8.17728	0.0108448	5.24163	5.24163	0.0456889	3.27501	3.27501	4.90274	20.8195	3.77466	1
cg16242750	0.193713	0.48483	-2.06258	0.00290393	0.115928	-8.62608	0.215708	0.503609	-1.98567	0.0942122	0.379608	-2.6343	4.16755	18.2929	3.90166	1
cg23171231	0.0378898	0.315816	-3.1664	0.00746681	0.192202	-5.20286	0.0118545	0.222207	-4.5003	0.111609	0.436201	-2.29252	3.52139	12.7846	3.22717	1
cg26918919	0.0462896	1.49705	1.49705	0.0463118	1.49697	1.49697	0.764851	0.948362	-1.05445	0.736233	1.06158	1.06158	21.9418	10.8557	0.439778	1
cg15529512	0.08717	1.47581	1.47581	0.503799	0.869532	-1.15004	0.00176333	0.399291	-2.50444	0.427827	0.846353	-1.18154	17.4051	11.7055	0.597805	1
cg03660876	0.00570125	0.200251	-4.99373	0.0192631	0.28484	-3.51074	0.0361843	0.339404	-2.94634	0.112245	0.464379	-2.15341	4.36971	13.6175	2.77008	1
cg13452317	0.383119	0.798126	-1.25293	0.322454	0.77284	-1.29393	0.746756	0.921559	-1.08512	0.449133	1.21465	1.21465	6.22965	6.27147	0.894855	1
cg20686461	7.17E-05	0.342206	-2.92222	8.42E-06	0.237359	-4.21302	0.00116983	0.493482	-2.02642	0.18892	1.22913	1.22913	27.9176	9.7145	0.309308	1
cg04181864	0.000309292	0.269742	-3.70725	0.00108693	0.339891	-2.94212	0.906511	0.974047	-1.02664	0.0868977	0.654967	-1.52679	10.0979	8.01151	0.705227	1
cg13363124	0.892765	1.0409	1.0409	0.000204548	0.157325	-6.35626	0.00346164	0.307429	-3.25278	0.0317075	0.473136	-2.11356	6.99954	9.79044	1.24331	1
cg27407546	0.00680829	0.400422	-2.49737	0.000878507	0.271982	-3.67671	0.005118	0.380788	-2.62614	0.0343312	0.52496	-1.90491	6.97286	7.52525	0.959308	1
cg12877165	0.0506335	0.460672	-2.17074	0.0123718	0.338359	-2.95544	0.0370204	0.430519	-2.32278	0.0567573	0.472181	-2.11783	5.96635	11.4432	1.70485	1
cg08339023	0.0144163	0.283903	-3.52233	0.000233762	0.0782405	-12.7811	0.00141834	0.145411	-6.87708	0.0374911	0.364988	-2.73981	12.621	34.8473	2.45428	1
cg14802312	0.0342021	0.214974	-4.65172	0.00241946	0.0722489	-13.841	0.00451381	0.0949453	-10.5324	0.169131	0.401992	-2.48761	6.68531	40.9763	5.44826	1
cg03886558	0.519006	1.14195	1.14195	0.805629	0.951173	-1.05133	0.776101	0.943748	-1.05961	4.18E-06	8.6954	8.6954	19.6016	12.7988	0.580397	1
cg16164619	0.00699734	0.349872	-2.85819	9.07E-05	0.121615	-8.22268	0.571273	0.841746	-1.18801	0.0151836	0.407377	-2.45473	14.1512	20.3196	1.27635	1
cg05584759	0.951205	0.989062	-1.01106	0.741647	0.942278	-1.06126	0.325975	0.833382	-1.19993	1.19E-05	5.28696	5.28696	13.5784	6.94566	0.454686	1
cg22152796	0.865698	0.962337	-1.03914	0.632291	1.11554	1.11554	0.148838	1.4207	1.4207	8.12E-06	9.12778	9.12778	12.9898	10.5824	0.72415	1
cg06015525	0.00192576	0.27189	-3.67796	0.000197794	0.156409	-6.3935	0.00129905	0.24914	-4.01381	0.0705307	0.549036	-1.82137	12.535	17.4714	1.23894	1
cg08134678	0.07789	0.367341	-2.72226	0.000212275	0.0422632	-23.6613	0.00652147	0.164162	-6.09154	0.211268	0.510068	-1.96052	7.77212	32.162	3.67833	1
cg20009327	0.368135	0.691408	-1.44632	0.296345	0.649042	-1.54073	0.44856	0.734693	-1.36111	0.00202502	5.68488	5.68488	3.46031	8.73356	2.24349	1
cg25141766	0.0283726	0.614956	-1.62613	0.90718	0.978322	-1.02216	0.000829781	2.57453	2.57453	0.00705982	0.519842	-1.92366	14.7609	8.25353	0.497019	1
cg22395573	0.00330745	1.74789	1.74789	0.00136465	0.522778	-1.91286	0.367064	1.13805	1.13805	0.135879	1.25144	1.25144	10.1279	3.12444	0.27422	1
cg11326429	0.0436569	0.506626	-1.97384	0.000149945	0.148237	-6.74594	0.179077	1.51962	1.51962	0.25097	0.703512	-1.42144	8.25745	11.2414	1.2101	1
cg10236857	0.485929	0.856259	-1.16787	0.0519033	0.615824	-1.62384	0.0648517	1.57531	1.57531	0.0118994	0.502564	-1.9898	6.503	4.9477	0.676296	1
cg06457408	0.149794	0.685352	-1.4591	0.00116921	0.31162	-3.20904	0.979641	0.993776	-1.00626	0.0233633	0.515332	-1.9405	5.47218	5.18875	0.84285	1
cg24766002	0.140131	1.18813	1.18813	0.00352542	0.650736	-1.53672	0.171219	0.853665	-1.17142	0.368081	0.904472	-1.10562	4.21351	0.787062	0.16604	1
cg26074051	0.758405	0.941213	-1.06246	0.0249618	1.68862	1.68862	0.0985958	1.42718	1.42718	0.184872	1.31805	1.31805	3.76824	2.30161	0.542925	1
cg23919433	0.192691	0.638422	-1.56636	0.614147	0.847496	-1.17995	0.928181	0.971083	-1.02978	0.585976	0.836091	-1.19604	3.61978	6.07371	1.49149	1
cg14122358	0.0120586	0.43235	-2.31294	0.0931092	0.609689	-1.64018	0.547056	0.849401	-1.1773	0.356733	0.775776	-1.28903	3.40919	3.87373	1.01001	1
cg05194864	9.66E-05	0.304238	-3.2869	0.0734117	0.709998	-1.40846	0.099443	1.36321	1.36321	0.00274559	0.492076	-2.03221	17.1184	7.98102	0.414422	1
cg06395232	0.840625	0.944165	-1.05914	0.000163009	0.159518	-6.26887	0.535116	0.835914	-1.1963	0.00710526	0.370706	-2.69755	10.0287	12.9332	1.14632	1
cg22614759	0.0113219	0.52154	-1.9174	0.00961512	1.95976	1.95976	0.148048	1.37509	1.37509	0.00961879	0.510293	-1.95966	6.19413	4.13335	0.593157	1
cg10087172	0.443943	0.667833	-1.49738	0.43476	1.51018	1.51018	0.0580904	3.0281	3.0281	0.019465	0.232001	-4.31032	5.62179	23.8229	3.76675	1
cg27560922	0.0600002	1.29462	1.29462	0.773594	0.965506	-1.03573	0.680116	1.05175	1.05175	0.477204	1.09194	1.09194	7.51371	1.76243	0.2085	1
cg16552945	0.852458	0.913507	-1.09468	?	?	?	0.313699	0.601201	-1.66334	0.00926734	0.188801	-5.29658	6.69325	21.7707	2.84605	1
cg15755548	0.0136492	1.98655	1.98655	0.867306	0.963074	-1.03834	0.144355	0.702707	-1.42307	0.100942	1.49809	1.49809	4.94957	3.96841	0.712683	1
cg08853359	0.257904	0.623946	-1.6027	0.666091	1.18941	1.18941	0.00136167	0.156073	-6.40725	0.694495	1.17083	1.17083	3.52358	8.90841	2.24731	1
cg09357140	0.353209	1.42516	1.42516	0.956421	0.979937	-1.02047	0.148076	1.77795	1.77795	0.965052	0.983882	-1.01638	3.98606	8.68369	1.93646	1
cg26772538	0.000559011	0.615435	-1.62487	0.0272162	1.2675	1.2675	0.00413769	1.41723	1.41723	0.0259239	0.786775	-1.27101	42.3214	5.51358	0.115803	1
cg02150714	0.00656279	0.665418	-1.50281	0.106291	1.22567	1.22567	0.935557	1.00937	1.00937	0.503945	0.92474	-1.08138	18.007	3.79602	0.187385	1
cg10890925	0.00210818	0.358817	-2.78693	0.0681386	0.616186	-1.62289	0.258128	1.32275	1.32275	0.0480624	0.585299	-1.70853	15.6784	13.9529	0.79106	1
cg16294168	0.00655882	1.74875	1.74875	0.000324991	2.50875	2.50875	0.0182742	1.57364	1.57364	0.104504	1.32428	1.32428	12.7894	5.07453	0.352689	1
cg06148330	0.337138	0.872033	-1.14675	0.103741	0.781783	-1.27913	0.966517	1.00583	1.00583	0.0702682	0.755793	-1.32311	11.3377	3.43793	0.269538	1
cg00131893	0.0213446	1.28481	1.28481	0.00077149	1.586	1.586	0.815137	0.979005	-1.02144	0.0097103	0.74351	-1.34497	8.82564	1.14725	0.115547	1
cg12502286	0.685581	0.953488	-1.04878	0.00229903	1.64638	1.64638	0.0701892	0.7891	-1.26727	0.0201211	1.38827	1.38827	8.64776	1.87539	0.192768	1
cg04926329	0.925619	0.965474	-1.03576	0.000553416	0.114062	-8.7672	0.00567699	4.16536	4.16536	0.0474555	0.418355	-2.39031	9.91261	19.34	1.70717	1
cg24138325	0.000441768	0.233159	-4.28892	0.582874	1.15668	1.15668	0.563233	1.16575	1.16575	0.00234399	0.328093	-3.04792	8.04004	8.76939	0.969524	1
cg16852369	0.70296	0.893318	-1.11942	0.854149	1.05568	1.05568	0.253165	1.42107	1.42107	0.100375	0.588603	-1.69894	7.90974	10.8612	1.22057	1
cg14023009	0.974625	1.00734	1.00734	0.0045451	2.386	2.386	0.361726	1.24072	1.24072	0.0124527	0.488978	-2.04508	7.73241	6.48177	0.74512	1
cg17992194	0.00977009	0.632685	-1.58057	0.00169732	1.87418	1.87418	0.452734	0.898369	-1.11313	0.409618	0.888562	-1.12541	7.59898	2.3625	0.276353	1
cg10434754	0.148381	1.22093	1.22093	6.37E-05	2.57809	2.57809	0.108619	1.25275	1.25275	0.233862	1.17433	1.17433	7.53453	1.97841	0.233404	1
cg24889829	0.00240455	0.284439	-3.51569	0.00141811	0.253305	-3.94782	0.166703	0.64507	-1.55022	0.0293895	0.466331	-2.1444	7.48198	10.4764	1.24464	1
cg01674777	0.645226	1.15374	1.15374	0.0245736	2.28421	2.28421	0.574388	0.83942	-1.1913	0.0299178	0.454742	-2.19905	7.3524	11.0813	1.3397	1
cg26832427	0.126627	0.699466	-1.42966	0.199837	1.34042	1.34042	0.0224385	1.80686	1.80686	0.370798	1.21994	1.21994	6.30867	4.67541	0.658764	1
cg24889466	0.568745	0.82886	-1.20648	0.0320591	0.44114	-2.26686	0.196977	1.55971	1.55971	0.160902	1.62909	1.62909	6.10417	10.2665	1.49501	1
cg11902180	0.0190431	0.413474	-2.41853	0.00748247	0.342547	-2.91931	0.0397217	0.477156	-2.09575	0.0362789	0.468859	-2.13284	5.98579	9.17819	1.36296	1
cg03726963	0.914114	1.02954	1.02954	0.000897585	3.82486	3.82486	0.409354	1.25573	1.25573	0.302247	0.749445	-1.33432	5.91592	6.82412	1.02535	1
cg14925067	0.158225	0.476875	-2.09699	0.00104451	0.0923738	-10.8256	0.636365	1.26337	1.26337	0.0152356	0.231554	-4.31865	5.84522	22.3071	3.39226	1
cg22880677	0.872846	1.04683	1.04683	0.00100699	0.247914	-4.03365	0.00532274	0.350194	-2.85556	0.434131	0.796084	-1.25615	5.23981	6.77601	1.14949	1
cg16592709	0.00574262	0.34033	-2.93832	0.00768452	2.77256	2.77256	0.215806	1.47375	1.47375	0.619366	0.861501	-1.16077	5.20975	7.31259	1.24767	1
cg03748210	0.761647	0.95412	-1.04809	0.00265103	1.90016	1.90016	0.988643	1.0022	1.0022	0.848407	1.02998	1.02998	5.17261	1.95253	0.335533	1
cg25330029	0.0650038	1.97838	1.97838	0.0100231	2.91654	2.91654	0.0391888	2.19417	2.19417	0.127229	1.72134	1.72134	5.06422	8.69669	1.52647	1
cg21757988	0.807789	0.965938	-1.03526	0.00270023	1.80283	1.80283	0.0720957	0.751686	-1.33034	0.471031	1.10989	1.10989	4.89364	1.56692	0.284617	1
cg07428430	0.571664	0.932898	-1.07193	0.251641	1.15667	1.15667	0.028317	0.73007	-1.36973	0.301402	0.877989	-1.13897	4.86667	1.13833	0.207913	1
cg12035503	0.372031	0.796549	-1.25542	0.508104	1.18132	1.18132	0.822984	0.945909	-1.05718	0.205835	0.718046	-1.39267	4.84174	4.72339	0.86716	1
cg23204612	0.322742	1.30335	1.30335	0.0131288	2.22061	2.22061	0.297877	1.32301	1.32301	0.840341	0.949025	-1.05371	4.46055	4.75295	0.947157	1
cg11699208	0.743116	1.03564	1.03564	0.00152474	1.62573	1.62573	0.208344	0.868278	-1.15171	0.928037	0.990427	-1.00967	4.43749	0.796911	0.159632	1
cg17458053	0.0449432	1.75153	1.75153	0.0127774	2.12414	2.12414	0.539092	0.859458	-1.16352	0.183882	1.40968	1.40968	4.40885	4.14211	0.83511	1
cg15414698	0.595479	1.11166	1.11166	0.0269159	1.67816	1.67816	0.577315	0.89474	-1.11764	0.496187	0.87241	-1.14625	4.31631	2.66782	0.549403	1
cg15164048	0.520425	0.899587	-1.11162	0.000425436	2.47539	2.47539	0.497199	1.11847	1.11847	0.48114	1.12335	1.12335	4.27842	1.78781	0.371437	1
cg20163645	0.0655718	2.2013	2.2013	0.00495104	4.14069	4.14069	0.00959641	3.49737	3.49737	0.0181473	2.99035	2.99035	4.27402	9.86818	2.05233	1
cg14336665	0.213907	1.31051	1.31051	0.0112734	1.92686	1.92686	0.0674859	1.52703	1.52703	0.273251	1.26568	1.26568	4.22955	2.86022	0.601109	1
cg20612486	0.00702089	2.04038	2.04038	0.00584237	2.09253	2.09253	0.0934383	1.45864	1.45864	0.515235	1.14453	1.14453	4.12662	2.73582	0.589305	1
cg11407612	0.0333494	1.9686	1.9686	0.0152625	2.2511	2.2511	0.0505368	1.83484	1.83484	0.743412	1.09359	1.09359	3.95067	4.64172	1.04437	1
cg22384183	0.0563606	0.677459	-1.4761	0.0508819	1.4931	1.4931	0.0401339	0.652196	-1.53328	0.099747	0.722447	-1.38418	3.82092	1.96554	0.457258	1
cg19351604	0.184515	1.21354	1.21354	0.0781638	1.30878	1.30878	0.948352	1.00895	1.00895	0.0030006	0.571426	-1.75001	3.79394	1.13611	0.266181	1
cg08980014	0.369221	0.841777	-1.18796	0.0121177	1.79338	1.79338	0.809495	0.955893	-1.04614	0.209976	0.781332	-1.27987	3.70057	2.04446	0.491087	1
cg11047382	0.0229677	1.60757	1.60757	0.052692	1.46871	1.46871	0.282609	0.822956	-1.21513	0.336644	0.841229	-1.18874	3.66516	1.76803	0.42879	1
cg25389250	0.586378	0.879577	-1.13691	0.00899511	2.17226	2.17226	0.348298	1.25298	1.25298	0.995601	1.00129	1.00129	3.63853	3.14344	0.76794	1
cg15697793	0.169502	0.763017	-1.31059	0.00741449	1.8917	1.8917	0.109472	0.72432	-1.38061	0.3299	0.83042	-1.20421	3.62179	1.95928	0.480863	1
cg24352757	0.532265	0.905475	-1.10439	0.00217183	1.96457	1.96457	0.273658	1.19579	1.19579	0.207483	0.81169	-1.232	3.57567	1.39524	0.346847	1
cg14681767	0.266562	0.779821	-1.28234	0.00589678	0.461172	-2.16839	0.635101	1.10816	1.10816	0.473936	1.16937	1.16937	3.5174	2.5712	0.649773	1
cg24804146	0.919647	1.02644	1.02644	0.157767	1.47794	1.47794	0.675534	1.11502	1.11502	0.982275	0.994271	-1.00576	3.46843	3.67456	0.941717	1
cg06879681	0.0426578	1.41107	1.41107	0.0231921	1.49253	1.49253	0.239774	0.833907	-1.19917	0.91352	1.01616	1.01616	3.46476	1.19477	0.30652	1
cg12512466	0.509808	1.21343	1.21343	0.00136678	3.83522	3.83522	0.20549	1.47175	1.47175	0.569803	1.18079	1.18079	3.45571	4.58146	1.17846	1
cg06458358	0.210157	1.29301	1.29301	0.00079289	0.372915	-2.68158	0.963442	1.00896	1.00896	0.847058	1.03829	1.03829	4.34181	2.60385	0.533079	1
cg11824121	0.00194929	0.637142	-1.56951	7.69E-05	0.47857	-2.08956	0.00352275	1.50245	1.50245	0.00126332	0.616205	-1.62284	19.9035	3.33686	0.149024	1
cg10115348	0.0421444	1.5307	1.5307	0.00204113	0.453602	-2.20457	0.00206308	0.454248	-2.20144	0.142489	0.75076	-1.33198	19.6742	10.3031	0.4655	1
cg22491111	0.297707	0.717071	-1.39456	0.00182491	0.255455	-3.91458	0.814177	1.07523	1.07523	0.298901	0.717703	-1.39333	5.76208	8.66147	1.33616	1
cg22945605	0.404191	1.15978	1.15978	0.00650291	0.541057	-1.84823	0.947617	0.988654	-1.01148	0.708741	0.936911	-1.06734	5.49654	2.62553	0.424595	1
cg18641151	0.121331	0.817203	-1.22369	0.178545	0.842633	-1.18676	0.00566018	0.637419	-1.56883	0.178731	0.842703	-1.18666	4.42096	0.965508	0.169862	1
cg14780070	0.0335989	0.476477	-2.09874	0.000309761	0.174106	-5.74364	0.249423	1.43265	1.43265	0.00306014	0.297789	-3.35808	6.76743	9.56083	1.2558	1
cg11663302	0.798535	1.04826	1.04826	0.286219	1.22638	1.22638	0.333441	0.832084	-1.2018	0.522733	0.887493	-1.12677	6.33313	3.40523	0.477943	1
cg24394336	0.00809141	0.240673	-4.15502	0.00110301	0.132629	-7.53984	0.974401	1.01357	1.01357	0.102765	0.472494	-2.11643	5.74716	16.0555	2.48323	1
cg13299927	0.0534926	1.20624	1.20624	0.0688571	1.19016	1.19016	0.947197	0.994353	-1.00568	0.837725	0.98262	-1.01769	4.29286	0.497	0.10291	1
cg15901550	0.707921	1.10461	1.10461	0.0256285	2.01551	2.01551	0.548809	1.17394	1.17394	0.720278	1.09972	1.09972	4.22562	4.67673	0.983783	1
cg04894027	0.189798	0.681406	-1.46755	0.00925422	0.401598	-2.49005	0.878873	1.04302	1.04302	0.00391737	0.342171	-2.92252	4.02327	4.86141	1.07407	1
cg21283193	0.672263	0.942968	-1.06048	0.00662125	0.614816	-1.6265	0.610743	0.931607	-1.07341	0.917757	0.985847	-1.01436	3.96136	1.19488	0.26812	1
cg13381844	0.106792	1.42967	1.42967	0.020479	1.76273	1.76273	0.285327	1.25267	1.25267	0.464991	0.859887	-1.16294	3.50181	2.28552	0.58015	1
cg19922564	0.188453	1.62419	1.62419	0.0842556	1.9441	1.9441	0.861905	1.06247	1.06247	0.81879	0.923235	-1.08315	3.44157	6.60304	1.70543	1
cg11807529	0.738881	0.819548	-1.22018	0.00373502	0.0973528	-10.2719	0.734114	0.816437	-1.22483	0.0989847	0.340962	-2.93288	3.40672	19.0928	4.98175	1
cg13795627	0.015984	0.733649	-1.36305	0.00579264	0.684164	-1.46164	0.0375818	1.28829	1.28829	0.866799	0.982528	-1.01778	10.6631	1.86205	0.155223	1
cg18281101	0.130119	0.714967	-1.39867	0.0222579	0.569911	-1.75466	0.444894	0.852294	-1.1733	0.122374	1.40998	1.40998	6.26228	4.17695	0.59289	1
cg14265075	0.0506237	2.43954	2.43954	0.0177995	3.16955	3.16955	0.0354677	2.66531	2.66531	0.191351	1.73998	1.73998	5.85797	14.8731	2.25685	1
cg00040986	0.00407475	0.455088	-2.19738	0.49062	0.866773	-1.1537	0.0808425	1.48486	1.48486	0.0286702	0.590335	-1.69395	4.63692	3.06225	0.587026	1
cg26543539	0.056972	0.429947	-2.32587	0.123601	0.52018	-1.92241	0.965347	1.01717	1.01717	0.0248645	0.351194	-2.84743	3.52642	8.57671	2.16189	1
cg18567470	0.00149745	1.63838	1.63838	0.000230233	0.517005	-1.93422	0.116242	0.831836	-1.20216	0.261552	0.881362	-1.13461	18.572	3.42213	0.163789	1
cg12823408	1.75E-05	0.153303	-6.52305	0.00176276	0.386553	-2.58697	0.189897	1.34473	1.34473	0.0326289	0.586598	-1.70475	17.9123	12.9111	0.640705	1
cg05099464	0.00545038	0.255651	-3.91158	1.42E-05	0.0342851	-29.1672	0.705729	0.868033	-1.15203	0.0010225	0.162598	-6.15013	16.979	37.4286	1.95947	1
cg26625290	0.00113653	0.713106	-1.40232	0.0222224	0.823988	-1.21361	0.00157074	1.37819	1.37819	5.72E-05	1.6947	1.6947	16.7796	1.32586	0.0702366	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06767612	ARHGEF12	0.00164721	0.146461	0.644539	-1.5515	0.0978541	0.599461	-1.66817	0.960321	1.01412	1.01412	0.504846	1.21008	1.21008	8.79E-05	0.137979	-7.24748	0.120235	0.621926	-1.60791	0.000912357	0.247316	-4.0434	0.134094	1.57657	1.57657	0.0126783	0.417689	-2.39413	10.2004	12.8274	1.11782	1
cg15028899	ARHGEF12	0.00463832	0.00495616	0.328798	-3.04138	0.362199	0.755789	-1.32312	0.384646	0.766072	-1.30536	0.631002	0.865299	-1.15567	0.00113033	0.238739	-4.18867	0.355195	0.752513	-1.32888	0.000657005	0.210006	-4.76176	0.395729	1.29696	1.29696	0.0107358	0.383496	-2.60759	7.50837	10.6282	1.25824	1
cg12851792	ARHGEF12	0.00586945	0.390835	0.812721	-1.23043	0.48322	1.18301	1.18301	0.134367	0.68336	-1.46336	0.503444	0.852023	-1.17368	0.194038	0.7232	-1.38274	0.108183	0.661432	-1.51187	0.000208263	0.231335	-4.32274	0.570321	0.873469	-1.14486	0.00149756	0.339764	-2.94322	6.98641	6.1548	0.783083	1
cg09754341	ARHGEF12	0.00643423	0.236978	0.655318	-1.52598	0.929442	0.970242	-1.03067	0.0620484	0.488382	-2.04758	0.776588	0.907514	-1.10191	0.00213586	0.229545	-4.35645	0.383844	0.737423	-1.35607	0.000334	0.138878	-7.20056	0.424401	1.32086	1.32086	0.0229977	0.395504	-2.52842	6.79076	12.5144	1.63809	1
cg15892763	ARHGEF12	0.0150573	0.0238273	0.29843	-3.35087	0.0219258	0.291512	-3.43039	0.054508	0.37604	-2.65929	0.839647	1.09509	1.09509	0.0228845	0.295054	-3.38921	0.5925	0.784879	-1.27408	0.00117937	0.118421	-8.44446	0.0723325	0.406921	-2.45748	0.0175047	0.273477	-3.65661	5.17417	16.4729	2.82994	1
cg10493270	ARHGEF12	0.0312017	0.00904993	0.564849	-1.77039	0.087255	0.722465	-1.38415	0.187597	0.786278	-1.27182	0.781145	1.04912	1.04912	0.113438	0.743362	-1.34524	0.924989	0.983917	-1.01635	0.0134292	1.69393	1.69393	0.446102	1.14307	1.14307	0.103338	0.735837	-1.359	4.0301	1.89212	0.417332	1
cg08318018	ARHGEF12	0.0436199	0.364538	1.22704	1.22704	0.00167504	0.37281	-2.68233	0.162999	0.721089	-1.38679	0.710725	1.08524	1.08524	0.385462	1.21577	1.21577	0.139936	0.705574	-1.41729	0.372172	1.22286	1.22286	0.911332	0.975835	-1.02476	0.256807	0.771133	-1.29679	3.56679	2.72392	0.678836	1
cg14882946	ARHGEF15	0.00421708	0.15115	1.5809	1.5809	0.000505345	5.04491	5.04491	0.479952	1.23837	1.23837	0.164868	1.55446	1.55446	0.433345	1.26875	1.26875	0.764345	1.09364	1.09364	0.00100402	4.27951	4.27951	0.0773987	0.55739	-1.79408	0.00936321	2.66734	2.66734	7.72822	10.8496	1.24791	1
cg19537511	ARHGEF15	0.00762051	0.131921	1.43157	1.43157	0.0173105	1.8957	1.8957	0.5601	0.878095	-1.13883	0.087345	1.51655	1.51655	0.00643459	0.457533	-2.18564	0.198188	1.34992	1.34992	0.00147393	2.75248	2.75248	0.74676	0.93101	-1.0741	0.311136	0.793579	-1.26011	6.44174	4.96638	0.685305	1
cg14853974	ARHGEF15	0.00898818	0.00143151	5.36055	5.36055	0.023106	2.68889	2.68889	0.0156016	2.94379	2.94379	0.0369137	2.41696	2.41696	0.0449699	2.31138	2.31138	0.175488	1.68978	1.68978	0.0206745	2.75835	2.75835	0.363858	0.711916	-1.40466	0.00448969	3.97289	3.97289	6.11492	12.8415	1.86669	1
cg03933062	ARHGEF15	0.0104735	0.00371978	0.33823	-2.95657	0.394773	1.27266	1.27266	0.0412375	0.521324	-1.91819	0.0107996	0.412394	-2.42487	0.0017797	0.292136	-3.42307	0.288498	0.737259	-1.35638	0.4296	0.800078	-1.24988	0.012495	0.42331	-2.36233	0.616747	0.869722	-1.14979	5.82366	7.05807	1.0773	1
cg05724902	ARHGEF15	0.020044	0.111586	0.65401	-1.52903	0.941043	0.982039	-1.01829	0.655024	1.11649	1.11649	0.632272	0.888575	-1.1254	0.0173079	0.491474	-2.03469	0.133647	0.672733	-1.48647	0.00595398	0.414296	-2.41373	0.00163312	0.330998	-3.02117	0.789981	0.936685	-1.0676	4.70105	4.47034	0.845264	1
cg04934402	ARHGEF16	0.00167001	0.287269	1.18065	1.18065	0.0582727	0.724967	-1.37937	0.91545	1.01609	1.01609	5.77E-05	0.325929	-3.06815	0.0284384	0.677942	-1.47505	0.659993	1.0688	1.0688	0.00728961	1.68221	1.68221	0.456575	0.892296	-1.1207	0.781305	0.959035	-1.04271	10.16	3.63481	0.318008	1
cg14039138	ARHGEF16	0.00215013	0.0217467	0.661179	-1.51245	0.362921	1.15079	1.15079	0.135725	0.78545	-1.27316	0.540527	0.911137	-1.09753	0.00300267	0.54269	-1.84267	0.793283	1.04023	1.04023	0.000163914	2.6259	2.6259	0.147601	1.26284	1.26284	0.814438	1.03595	1.03595	9.44037	3.37308	0.317604	1
cg00121374	ARHGEF16	0.00221482	0.15245	0.734342	-1.36176	0.0789277	0.675006	-1.48147	0.00171757	0.405974	-2.46321	0.000217469	0.288654	-3.46436	0.00316543	0.443845	-2.25304	0.26889	1.26109	1.26109	0.00410884	0.460459	-2.17175	0.0248668	0.583949	-1.71248	0.240334	0.780625	-1.28103	9.35888	6.01578	0.571368	1
cg24039149	ARHGEF16	0.00229359	0.000518987	0.375224	-2.66507	0.00300838	2.08878	2.08878	0.292848	1.21847	1.21847	0.159521	0.761717	-1.31282	0.0231202	0.61154	-1.63522	0.0115881	1.77093	1.77093	0.300556	0.823463	-1.21438	0.141052	1.33194	1.33194	0.595115	0.907447	-1.10199	9.26357	4.8101	0.461554	1
cg24036039	ARHGEF16	0.00826344	0.119968	0.576123	-1.73574	0.00207635	0.242425	-4.12498	0.0136427	0.368851	-2.71112	0.0378219	0.455066	-2.19748	0.0463661	0.474285	-2.10844	0.871031	1.05455	1.05455	0.13684	0.59222	-1.68856	0.000607558	0.177767	-5.62533	0.220594	0.656399	-1.52346	6.27973	10.628	1.50439	1
cg04488647	ARHGEF16	0.0100987	0.0379533	0.655859	-1.52472	0.00946357	0.561914	-1.77963	0.00383175	0.504947	-1.98041	0.225389	0.799964	-1.25006	0.00803325	0.55139	-1.8136	0.0208317	1.62841	1.62841	0.1283	0.749629	-1.33399	0.629427	0.918301	-1.08897	0.277041	0.820227	-1.21917	5.89207	2.86744	0.432588	1
cg16723738	ARHGEF16	0.0104254	0.517118	0.906906	-1.10265	0.618207	0.927971	-1.07762	0.00114031	2.03772	2.03772	0.208126	0.820822	-1.21829	0.107776	1.29837	1.29837	0.136741	0.787808	-1.26934	0.399228	1.13701	1.13701	0.0631305	0.732731	-1.36476	0.0171547	0.649112	-1.54057	5.83226	2.04465	0.311623	1
cg27526892	ARHGEF16	0.0164761	0.49565	0.832706	-1.2009	0.0190328	0.471806	-2.11951	0.734065	0.913718	-1.09443	0.33564	0.76895	-1.30048	0.000237295	0.199633	-5.00919	0.488708	0.830168	-1.20458	0.421326	0.804626	-1.24281	0.41499	0.802127	-1.24669	0.594003	0.867297	-1.15301	5.02171	5.56928	0.985814	1
cg02328660	ARHGEF16	0.0201237	0.794579	1.08248	1.08248	0.001617	3.94624	3.94624	0.0118524	0.385104	-2.5967	0.396366	0.768127	-1.30187	0.934112	0.975199	-1.02543	0.239194	1.45409	1.45409	0.106449	1.70819	1.70819	0.782044	1.08789	1.08789	0.492867	0.809341	-1.23557	4.69472	6.85947	1.29876	1
cg17741539	ARHGEF16	0.0303179	0.7564	0.902757	-1.10772	0.234942	0.664131	-1.50573	0.853325	0.940969	-1.06273	0.306434	1.41639	1.41639	0.0052321	0.297881	-3.35705	0.149309	0.60149	-1.66254	0.212546	0.649434	-1.5398	0.00589977	0.305959	-3.26841	0.0202667	0.398438	-2.5098	4.07155	6.96979	1.52162	1
cg04350922	ARHGEF16	0.0386582	0.0441222	1.41729	1.41729	0.00294399	1.85105	1.85105	0.854568	0.972711	-1.02805	0.663934	0.936203	-1.06814	0.126726	0.779507	-1.28286	0.978809	1.00401	1.00401	0.0675743	1.3618	1.3618	0.187332	1.23458	1.23458	0.224303	1.21227	1.21227	3.72961	1.34318	0.320124	1
cg00571809	ARHGEF16	0.0427874	0.54402	0.771861	-1.29557	0.580779	0.790414	-1.26516	0.0634255	0.41473	-2.41121	0.092124	0.457596	-2.18533	0.0101252	0.254644	-3.92705	0.516982	1.31921	1.31921	0.18128	0.549674	-1.81926	0.00583697	0.218274	-4.58139	0.0423378	0.373067	-2.68048	3.59247	10.1162	2.50305	1
cg22032563	ARHGEF16	0.0478359	0.0522026	0.663351	-1.5075	0.179945	0.76744	-1.30303	0.0673476	0.683167	-1.46377	0.168827	0.761473	-1.31324	0.0249929	0.609133	-1.64168	0.649681	0.91852	-1.08871	0.0190576	1.69464	1.69464	0.816618	0.957744	-1.04412	0.571139	1.11225	1.11225	3.44543	1.88514	0.48635	1
cg21869174	ARHGEF16	0.0485367	0.435339	0.807647	-1.23816	0.0573965	1.78055	1.78055	0.790633	1.07403	1.07403	0.315954	0.757074	-1.32088	0.0154473	0.450422	-2.22014	0.0473993	0.543992	-1.83826	0.107905	1.60137	1.60137	0.12825	0.643182	-1.55477	0.417247	1.24922	1.24922	3.42653	3.9098	1.01426	1
cg03499808	ARHGEF17	0.00100411	0.0245121	4.63865	4.63865	0.449762	1.55439	1.55439	0.847823	1.11631	1.11631	0.606701	0.742755	-1.34634	0.000425927	0.0409567	-24.416	0.0634496	3.30444	3.30444	0.000444054	23.9289	23.9289	0.00211945	11.8703	11.8703	0.0817135	3.01889	3.01889	11.7529	61.0524	4.6175	1
cg21720306	ARHGEF17	0.00123624	0.0957385	0.8718	-1.14705	0.00415263	1.33387	1.33387	0.988537	0.998923	-1.00108	0.00193413	0.719697	-1.38947	0.0022301	0.725335	-1.37867	0.0120545	1.26458	1.26458	0.0029354	1.35842	1.35842	0.15467	1.12099	1.12099	0.765164	1.02271	1.02271	11.0773	0.986281	0.0791435	1
cg10635786	ARHGEF17	0.00165022	0.21701	1.17216	1.17216	0.723134	0.957431	-1.04446	0.0261118	0.724113	-1.381	0.00353697	0.616596	-1.62181	0.875531	1.01935	1.01935	0.00729513	0.654985	-1.52675	5.06E-05	0.394918	-2.53217	0.359517	0.891176	-1.12211	0.100242	0.802335	-1.24636	10.195	2.41487	0.210548	1
cg07648709	ARHGEF17	0.00189018	0.104935	0.68061	-1.46927	0.00390703	0.430196	-2.32452	0.00989341	0.492765	-2.02937	0.190655	1.3511	1.3511	0.0817426	0.657781	-1.52026	0.647465	0.904857	-1.10515	0.000995817	0.345852	-2.89141	0.00129814	2.76596	2.76596	0.715213	0.923512	-1.08282	9.80167	7.31995	0.663828	1
cg03470933	ARHGEF17	0.00516877	0.112111	1.43416	1.43416	0.013241	0.527334	-1.89633	0.128379	1.40856	1.40856	0.0104763	1.9572	1.9572	0.0015313	0.386544	-2.58703	0.348875	0.817907	-1.22263	0.0576529	0.639279	-1.56426	0.18546	1.33999	1.33999	0.140716	0.718729	-1.39134	7.26453	4.9982	0.611581	1
cg03958883	ARHGEF17	0.00672872	0.677862	1.07496	1.07496	0.132741	1.32404	1.32404	0.0297818	0.642419	-1.55662	0.086475	0.720588	-1.38776	0.609207	1.09332	1.09332	0.00859509	1.78591	1.78591	0.00101106	2.32568	2.32568	0.059338	1.44534	1.44534	0.288212	0.826306	-1.2102	6.69704	3.17579	0.421519	1
cg10424462	ARHGEF17	0.00740464	0.108457	0.651003	-1.53609	0.701651	0.909955	-1.09895	0.127309	1.49813	1.49813	0.0239531	1.93546	1.93546	0.00596385	0.41425	-2.414	0.0218673	0.509467	-1.96284	0.00398586	2.58274	2.58274	0.378653	1.24785	1.24785	0.972567	0.991606	-1.00847	6.5	6.18641	0.846005	1
cg23460145	ARHGEF17	0.0109473	0.00236347	4.85734	4.85734	0.00704603	3.66253	3.66253	0.0432987	2.37807	2.37807	0.115356	1.89267	1.89267	0.612299	1.20982	1.20982	0.472753	1.31282	1.31282	0.56384	1.24291	1.24291	0.0016761	5.33584	5.33584	0.0176306	2.93306	2.93306	5.74139	12.6302	1.95542	1
cg05516012	ARHGEF17	0.0145002	0.978626	1.00216	1.00216	0.0130479	0.780671	-1.28095	0.952654	1.00479	1.00479	0.513216	0.948085	-1.05476	0.192695	0.895078	-1.11722	0.81518	1.019	1.019	0.000688326	0.659241	-1.5169	0.151638	1.13146	1.13146	0.225274	1.10782	1.10782	5.23899	0.536336	0.0909991	1
cg05975710	ARHGEF17	0.0158411	0.106438	0.65148	-1.53497	0.800607	0.940339	-1.06345	0.273944	0.758268	-1.3188	0.11507	0.659362	-1.51662	0.00652354	0.423508	-2.36123	0.147928	1.45835	1.45835	0.00455609	0.399161	-2.50526	0.151412	1.45301	1.45301	0.0219316	0.512607	-1.95081	5.08784	4.76091	0.831772	1
cg08679180	ARHGEF17	0.018313	0.0340426	0.368311	-2.7151	0.0167005	0.307404	-3.25305	0.0303767	0.357898	-2.79409	0.0709525	0.442855	-2.25807	0.00526524	0.226389	-4.41719	0.0434389	0.391551	-2.55394	0.00323439	0.19756	-5.06174	0.0905983	0.47106	-2.12287	0.0377091	0.377899	-2.64621	4.84692	12.5128	2.29475	1
cg23683674	ARHGEF17	0.0203671	0.0519224	4.86229	4.86229	0.944499	1.05105	1.05105	0.697863	1.32176	1.32176	0.110183	0.287954	-3.47278	0.0621153	0.222714	-4.49007	0.342271	2.01315	2.01315	0.00437934	15.1997	15.1997	0.0132988	8.96625	8.96625	0.201192	2.6255	2.6255	4.67555	37.8654	7.19875	1
cg14864148	ARHGEF17	0.0208613	0.821718	1.0821	1.0821	0.0692933	2.03498	2.03498	0.00149561	4.95585	4.95585	0.456477	1.30362	1.30362	0.328681	0.702952	-1.42257	0.555625	0.811876	-1.23171	0.629168	0.843565	-1.18545	0.030986	0.412533	-2.42405	0.126059	1.78371	1.78371	4.63751	8.97759	1.72077	1
cg11342106	ARHGEF17	0.0240146	0.124366	3.13056	3.13056	0.845208	0.874534	-1.14347	0.703285	1.30014	1.30014	0.15552	0.352624	-2.83588	0.0119735	0.116451	-8.58734	0.269313	2.20123	2.20123	0.0857038	3.67929	3.67929	0.00812086	10.2201	10.2201	0.0773673	3.84452	3.84452	4.41847	32.9192	6.62254	1
cg07782744	ARHGEF17	0.0257634	0.0350462	0.477122	-2.0959	0.000991037	0.228919	-4.36836	0.0694925	0.542383	-1.84372	0.206862	0.669575	-1.49348	0.0157893	0.410198	-2.43784	0.113265	0.594936	-1.68085	0.0867504	0.565521	-1.76828	0.132805	0.613439	-1.63015	0.212528	0.673256	-1.48532	4.31181	6.1999	1.27812	1
cg20864214	ARHGEF17	0.0259293	0.051795	2.46542	2.46542	0.544613	0.77879	-1.28404	0.180712	1.78514	1.78514	0.0413418	2.61022	2.61022	0.20644	1.72173	1.72173	0.810135	0.906526	-1.10311	0.00530138	4.474	4.474	0.162321	1.83723	1.83723	0.0033739	5.08153	5.08153	4.30216	11.327	2.34031	1
cg20444218	ARHGEF17	0.0293365	0.0361779	0.51892	-1.92708	0.201387	1.4381	1.4381	0.603037	1.15175	1.15175	0.766752	0.923022	-1.0834	0.0427461	0.533615	-1.87401	0.0136588	2.27366	2.27366	0.336355	1.30596	1.30596	0.0323705	1.96335	1.96335	0.24519	0.720841	-1.38727	4.11938	4.731	1.02087	1
cg02391615	ARHGEF17	0.0348203	0.0158593	0.406702	-2.4588	0.124309	0.602458	-1.65987	0.0108463	0.377512	-2.64893	0.340321	0.741393	-1.34881	0.00476553	0.319471	-3.13017	0.0332508	0.468707	-2.13353	0.0722847	0.542932	-1.84185	0.0864227	0.561718	-1.78025	0.358629	0.750192	-1.33299	3.87434	5.68926	1.30528	1
cg02498311	ARHGEF17	0.0351027	0.319948	2.01266	2.01266	0.824046	0.859366	-1.16365	0.493946	1.60444	1.60444	0.176806	0.376388	-2.65684	0.0587631	0.233893	-4.27546	0.232051	2.34674	2.34674	0.0603012	4.22898	4.22898	0.00465625	12.9527	12.9527	0.0833921	3.6853	3.6853	3.86303	28.3394	6.52095	1
cg19549472	ARHGEF17	0.0395789	0.216722	0.803257	-1.24493	0.0146523	1.65951	1.65951	0.608076	1.09109	1.09109	0.0410997	0.672179	-1.4877	0.363361	1.17052	1.17052	0.457225	0.880202	-1.1361	0.0400827	0.670418	-1.49161	0.230105	0.808787	-1.23642	0.105963	1.34664	1.34664	3.69751	1.66359	0.399929	1
cg02311801	ARHGEF17	0.0404354	0.556249	0.792876	-1.26123	0.00133794	6.16047	6.16047	0.0355007	2.59762	2.59762	0.262293	1.57746	1.57746	0.828372	1.08835	1.08835	0.935698	1.03197	1.03197	0.0939577	2.0507	2.0507	0.137524	1.86584	1.86584	0.771983	1.11998	1.11998	3.66847	8.83584	2.14097	1
cg06640773	ARHGEF17	0.0419312	0.0287916	0.352222	-2.83912	0.0395424	0.381557	-2.62084	0.34837	0.676572	-1.47804	0.957171	1.02197	1.02197	0.00563785	0.229867	-4.35035	0.940347	1.03075	1.03075	0.0673876	0.43629	-2.29205	0.71204	1.16188	1.16188	0.0232321	0.333567	-2.9979	3.61953	9.3886	2.30567	1
cg01922516	ARHGEF17	0.045337	0.0400029	3.0759	3.0759	0.0636546	2.68317	2.68317	0.878539	1.07508	1.07508	0.0415478	3.0418	3.0418	0.076762	2.53895	2.53895	0.386919	1.5217	1.5217	0.00294342	6.91026	6.91026	0.044398	2.98304	2.98304	0.301338	1.66017	1.66017	3.51569	12.477	3.15461	1
cg20102397	ARHGEF17;ARHGEF17	0.00614248	0.546368	1.14547	1.14547	0.512938	0.86258	-1.15931	0.95502	0.987626	-1.01253	0.198758	0.73272	-1.36478	0.522923	1.1551	1.1551	0.313833	0.790487	-1.26504	0.749985	0.931719	-1.07328	0.000192456	0.128873	-7.75957	0.0139356	0.459317	-2.17715	12.5927	8.91872	0.39347	1
cg26756396	ARHGEF18	0.000232269	0.00880532	0.581304	-1.72027	0.0337476	0.668153	-1.49666	0.487866	0.891703	-1.12145	0.133814	0.76876	-1.3008	0.0594501	0.707502	-1.41342	0.0034874	0.524841	-1.90534	4.44E-05	0.284204	-3.5186	9.11E-06	0.20983	-4.76577	0.0441994	0.686633	-1.45638	17.6398	7.38963	0.372371	1
cg11460558	ARHGEF18	0.000858387	0.290943	0.78368	-1.27603	0.000102275	0.216531	-4.61827	0.0848812	0.654549	-1.52777	0.249781	0.765272	-1.30672	0.00226265	0.386639	-2.5864	0.129958	0.695013	-1.43882	8.63E-05	0.208575	-4.79443	0.617068	0.893932	-1.11865	0.00574374	0.44697	-2.23729	12.2858	9.62627	0.696469	1
cg02573587	ARHGEF18;ARHGEF18	0.000345573	0.154975	0.641106	-1.55981	0.0158604	0.421901	-2.37022	0.841463	0.943182	-1.06024	0.152189	0.638901	-1.56519	4.00E-05	0.100987	-9.90227	0.00109625	0.245037	-4.08101	5.89E-05	0.113927	-8.77753	0.041236	0.502692	-1.98929	0.00100191	0.240089	-4.16512	15.8245	21.3814	1.20103	1
cg00033915	ARHGEF18;ARHGEF18	0.000352991	0.128018	0.685375	-1.45906	0.000195907	0.237408	-4.21215	0.0794277	0.639516	-1.56368	0.102793	0.663758	-1.50657	0.0116296	0.484722	-2.06304	0.00647013	0.443587	-2.25435	8.28E-06	0.107233	-9.32549	0.549947	0.870326	-1.14899	0.0139004	0.49769	-2.00928	15.7324	13.136	0.742189	1
cg01335785	ARHGEF18;ARHGEF18	0.00532768	0.764964	1.04742	1.04742	0.264601	0.83556	-1.1968	0.434852	0.884166	-1.13101	0.0205965	1.53863	1.53863	0.0833269	1.34473	1.34473	0.939893	1.01172	1.01172	0.000109628	2.86442	2.86442	0.125836	1.29166	1.29166	0.499421	1.11175	1.11175	7.19749	2.72136	0.336088	1
cg25528199	ARHGEF18;ARHGEF18	0.00730435	0.62445	0.923896	-1.08237	0.0018698	2.02949	2.02949	0.50043	1.11597	1.11597	0.540158	0.905297	-1.10461	0.00516496	0.55301	-1.80829	0.306619	0.843833	-1.18507	0.298532	1.18871	1.18871	0.855452	0.971169	-1.02969	0.00491789	0.55005	-1.81802	6.52779	2.66087	0.36233	1
cg03241502	ARHGEF18;ARHGEF18	0.00807237	0.0168627	0.401493	-2.4907	0.0110967	2.70938	2.70938	0.00151683	0.239398	-4.17714	0.159351	0.624553	-1.60115	0.100865	0.569822	-1.75493	0.516357	0.813867	-1.2287	0.0709935	1.88014	1.88014	0.556862	1.2044	1.2044	0.461211	0.790731	-1.26465	6.32619	9.81578	1.37921	1
cg02196619	ARHGEF18;ARHGEF18	0.0126905	0.180152	1.42993	1.42993	0.0589574	0.585167	-1.70891	0.152965	0.680752	-1.46896	0.757711	1.08085	1.08085	0.0278467	0.520429	-1.92149	0.0340987	0.537222	-1.86143	0.0270374	1.93042	1.93042	0.00637193	2.44021	2.44021	0.583354	1.14933	1.14933	5.47301	5.47214	0.888748	1
cg00734895	ARHGEF18;ARHGEF18	0.0173658	0.000515442	2.11798	2.11798	0.0143086	1.51932	1.51932	0.652598	1.06476	1.06476	0.667625	1.06165	1.06165	0.12654	1.25719	1.25719	0.468609	0.902928	-1.10751	0.0614023	1.33888	1.33888	0.421792	1.12035	1.12035	0.1649	1.22772	1.22772	4.93419	1.49857	0.269966	1
cg14009227	ARHGEF18;ARHGEF18	0.0265086	0.440822	0.911184	-1.09747	0.116452	0.817223	-1.22366	0.0149519	0.701831	-1.42484	0.455574	0.914001	-1.09409	0.420802	1.10221	1.10221	0.00601794	1.52908	1.52908	0.0480234	1.3066	1.3066	0.483176	0.919133	-1.08798	0.593331	0.938211	-1.06586	4.26906	0.946639	0.197106	1
cg01797160	ARHGEF18;ARHGEF18	0.0287296	0.403354	0.855735	-1.16859	0.0158914	1.71267	1.71267	0.387648	1.17506	1.17506	0.750519	0.943541	-1.05984	0.0399813	0.648887	-1.5411	0.211462	0.78676	-1.27104	0.0108281	1.7915	1.7915	0.198399	0.780649	-1.28099	0.20411	0.783356	-1.27656	4.14995	2.18155	0.467271	1
cg13388467	ARHGEF18;ARHGEF18	0.0344843	0.445144	0.819193	-1.22071	0.151927	1.48186	1.48186	0.565847	1.16035	1.16035	0.213059	1.39934	1.39934	0.0210834	0.491256	-2.0356	0.235489	0.727189	-1.37516	0.0302825	0.520691	-1.92052	0.142772	1.49723	1.49723	0.0203304	0.488375	-2.04761	3.88794	4.04267	0.924264	1
cg14677317	ARHGEF18;ARHGEF18	0.0414688	0.174749	1.31664	1.31664	0.108464	0.716279	-1.3961	0.640799	0.914341	-1.09368	0.0446305	0.644432	-1.55175	0.20014	0.772659	-1.29423	0.0106497	0.54229	-1.84403	0.0528058	0.657387	-1.52117	0.237204	1.26617	1.26617	0.244293	1.26129	1.26129	3.63442	2.09051	0.511287	1
cg01719793	ARHGEF19	0.00156825	0.579028	0.887076	-1.1273	0.148596	0.712745	-1.40303	0.180899	0.733944	-1.3625	0.201105	0.745721	-1.34098	0.000134687	0.171975	-5.8148	0.503401	1.15654	1.15654	?	?	?	0.000451663	0.243255	-4.11092	?	?	?	16.5538	8.81382	0.456372	1
cg00068433	ARHGEF19	0.0023951	0.0325892	0.60343	-1.65719	0.0966986	0.69193	-1.44523	0.0019746	0.413583	-2.41789	0.119824	0.711179	-1.40612	0.0821166	0.677734	-1.47551	0.316061	0.811117	-1.23287	0.147702	0.730746	-1.36846	4.17E-05	0.206789	-4.83584	0.0881598	0.683854	-1.4623	9.1466	5.90841	0.574194	1
cg03133876	ARHGEF19	0.00259874	0.185867	0.879143	-1.13747	0.0870642	0.840706	-1.18948	0.500385	1.06483	1.06483	0.0271253	0.786465	-1.27151	0.0043373	0.704635	-1.41917	0.00298406	0.687911	-1.45368	0.00123258	0.647991	-1.54323	0.361164	1.09003	1.09003	0.00904277	1.35622	1.35622	8.92957	1.19262	0.118719	1
cg21117207	ARHGEF19	0.0119146	0.00423915	0.315227	-3.17232	0.402246	0.772182	-1.29503	0.0548224	0.518498	-1.92865	0.00423907	0.315225	-3.17233	0.00776638	0.356664	-2.80376	0.384525	0.764224	-1.30852	0.00572654	0.335385	-2.98165	0.0187505	0.423599	-2.36073	0.041138	0.491349	-2.03521	5.58642	8.04729	1.28045	1
cg18761252	ARHGEF19	0.0358926	0.0761279	0.613558	-1.62984	0.0530043	1.72332	1.72332	0.975708	0.992492	-1.00757	0.53229	1.16949	1.16949	0.160253	0.689816	-1.44966	0.285315	0.759812	-1.31612	0.00213213	0.343634	-2.91008	0.435768	0.821347	-1.21751	0.487664	0.839852	-1.19069	3.83199	3.71821	0.862496	1
cg08062858	ARHGEF1;ARHGEF1	0.0273918	0.221207	0.550469	-1.81663	0.0697274	0.389999	-2.56411	0.146321	0.484857	-2.06246	0.332761	1.59017	1.59017	0.00612761	0.19005	-5.26178	0.0805212	0.406613	-2.45934	0.00307018	0.152312	-6.56547	0.0763407	0.40037	-2.49769	0.304255	0.61022	-1.63875	4.22026	14.405	3.03404	1
cg22338446	ARHGEF1;ARHGEF1;ARHGEF1	0.00022913	0.00119399	0.403079	-2.48091	0.00779519	0.520187	-1.92239	0.0323098	0.619056	-1.61536	0.000132265	0.281257	-3.55547	7.38E-06	0.151173	-6.61494	0.00848106	0.525764	-1.90199	0.0127386	0.553122	-1.80792	0.0629181	0.670116	-1.49228	0.00474279	0.487917	-2.04953	17.7052	10.2645	0.515328	1
cg12214617	ARHGEF1;ARHGEF1;ARHGEF1	0.000792999	0.000625475	0.472358	-2.11704	0.127607	1.26478	1.26478	0.000314811	0.434949	-2.29912	0.654868	0.937862	-1.06626	0.00354585	0.569204	-1.75684	0.00114391	0.505683	-1.97752	0.266608	1.17943	1.17943	0.0632456	1.34698	1.34698	0.943897	0.990015	-1.01009	12.5631	4.04515	0.28621	1
cg11491186	ARHGEF1;ARHGEF1;ARHGEF1	0.00237568	0.688039	1.06102	1.06102	0.000846317	2.08808	2.08808	0.023601	1.48683	1.48683	0.00508815	1.72175	1.72175	0.58473	1.08435	1.08435	0.0358103	1.43105	1.43105	0.487355	0.901635	-1.1091	0.185318	1.2289	1.2289	0.000161914	2.57248	2.57248	9.16849	3.12678	0.303142	1
cg12168357	ARHGEF1;ARHGEF1;ARHGEF1	0.00840909	0.00194144	0.377942	-2.64591	0.433188	0.837358	-1.19423	0.0122722	0.500437	-1.99825	0.0262253	0.556979	-1.7954	0.000686317	0.316407	-3.16048	0.856069	1.04112	1.04112	0.137979	0.701531	-1.42545	0.832355	0.954043	-1.04817	0.345706	0.806113	-1.24052	6.24519	4.872	0.69344	1
cg15221831	ARHGEF1;ARHGEF1;ARHGEF1	0.0227809	0.909065	1.03367	1.03367	0.530638	0.831837	-1.20216	0.00107056	0.24635	-4.05926	0.572641	0.847683	-1.17969	0.0224672	0.452713	-2.20891	0.316691	0.74078	-1.34993	0.0873879	1.72811	1.72811	0.429284	1.2635	1.2635	0.909449	1.03353	1.03353	4.49967	5.98791	1.18288	1
cg15733792	ARHGEF2;ARHGEF2;ARHGEF2	0.0122323	0.0774077	1.7417	1.7417	0.0117253	2.43505	2.43505	0.0133995	2.37649	2.37649	0.00645847	2.72093	2.72093	0.733913	1.10124	1.10124	0.2406	1.41518	1.41518	0.0022009	3.36438	3.36438	0.00820934	2.60086	2.60086	0.0563613	1.84174	1.84174	5.53891	7.0082	1.12468	1
cg12065285	ARHGEF2;ARHGEF2;ARHGEF2	0.0122684	0.1665	0.418809	-2.38773	0.752839	0.82996	-1.20488	0.970724	0.978581	-1.02189	0.000192313	0.0246022	-40.6467	0.0279612	0.216093	-4.62763	0.272468	0.50972	-1.96186	0.0809523	0.319285	-3.132	0.506328	0.671785	-1.48857	0.86693	0.905797	-1.104	5.5336	30.5056	4.90026	1
cg18216292	ARHGEF2;ARHGEF2;ARHGEF2	0.0167586	0.31185	1.34749	1.34749	0.819589	0.936954	-1.06729	0.0586637	0.543985	-1.83829	0.744399	1.09774	1.09774	0.000305631	0.187911	-5.32168	0.22566	0.695787	-1.43722	0.970442	0.989493	-1.01062	0.948726	1.0185	1.0185	0.743874	0.910776	-1.09796	4.99329	6.42619	1.14397	1
cg13183282	ARHGEF2;ARHGEF2;ARHGEF2;ARHGEF2;ARHGEF2	0.0453925	0.0846603	0.427732	-2.33791	0.342771	0.647092	-1.54538	0.990435	1.00535	1.00535	0.0573432	0.383877	-2.605	0.0650269	0.39748	-2.51585	0.0920506	2.28386	2.28386	0.0493213	2.71587	2.71587	0.207553	0.553315	-1.80729	0.0960616	2.25672	2.25672	3.51407	11.0373	2.79189	1
cg11229273	ARHGEF3	0.00165962	0.000414345	0.0913108	-10.9516	0.876519	0.935729	-1.06869	0.0190789	0.297577	-3.36048	0.00183209	0.150887	-6.62746	0.266531	0.609835	-1.63979	0.537594	0.76593	-1.3056	0.000702487	0.110028	-9.08864	0.801854	1.1134	1.1134	0.0010632	0.126551	-7.90197	10.1783	29.4212	2.56941	1
cg04389058	ARHGEF3	0.0033073	0.00371587	0.239062	-4.18302	0.118556	0.538669	-1.85643	0.00725185	0.28231	-3.5422	0.0505692	0.443312	-2.25575	0.000677923	0.150065	-6.66378	0.791779	0.907915	-1.10142	0.000502655	0.137205	-7.28836	0.32431	0.689597	-1.45012	0.0184937	0.352363	-2.83798	8.3133	17.5517	1.87669	1
cg16978797	ARHGEF3	0.00642614	0.335247	0.735982	-1.35873	0.0280414	2.22672	2.22672	0.970164	0.988528	-1.0116	0.0443288	0.490388	-2.0392	0.00300908	0.285107	-3.50746	0.0329291	0.463203	-2.15888	0.00106854	0.225043	-4.44359	0.857987	0.946244	-1.05681	0.628032	1.16255	1.16255	6.79341	10.2393	1.33976	1
cg07186032	ARHGEF3	0.0249454	0.615345	1.13908	1.13908	0.0022114	3.0114	3.0114	0.196637	1.42034	1.42034	0.973916	0.991631	-1.00844	0.018866	2.07731	2.07731	0.102882	1.58193	1.58193	0.0156884	2.14087	2.14087	0.0153519	2.1485	2.1485	0.571746	1.15821	1.15821	4.36055	4.56258	0.930073	1
cg11430718	ARHGEF3	0.0294441	0.158165	0.374285	-2.67176	0.35342	1.86249	1.86249	0.160742	2.65348	2.65348	0.164198	0.380293	-2.62955	0.00762977	0.107068	-9.33983	0.278257	0.479812	-2.08415	0.00459905	0.0857089	-11.6674	0.826076	0.866457	-1.15413	0.123283	0.337086	-2.9666	4.11404	27.6435	5.97272	1
cg26311262	ARHGEF3	0.0433614	0.0124407	0.275925	-3.62418	0.503427	0.754952	-1.32459	0.566349	0.786659	-1.2712	0.168401	0.544649	-1.83604	0.00555122	0.221283	-4.5191	0.790539	1.11651	1.11651	0.85146	0.925332	-1.08069	0.172316	1.82461	1.82461	0.0538005	0.403965	-2.47546	3.5747	9.70244	2.41262	1
cg24830876	ARHGEF3;ARHGEF3	2.20E-07	0.279861	0.884599	-1.13046	0.167547	1.17418	1.17418	0.999096	1.00012	1.00012	1.42E-05	2.6838	2.6838	0.621043	0.947059	-1.0559	0.374506	0.905294	-1.10461	2.14E-09	21.5835	21.5835	0.0228834	0.742925	-1.34603	0.0382608	1.29966	1.29966	107.805	20.3422	0.167728	1
cg19513744	ARHGEF3;ARHGEF3	4.72E-06	0.62735	1.07245	1.07245	0.425493	1.1234	1.1234	0.69458	1.05805	1.05805	0.000306478	2.3122	2.3122	0.35357	1.14623	1.14623	0.273522	1.17695	1.17695	3.59E-08	16.7191	16.7191	0.974462	1.00459	1.00459	0.147971	1.24847	1.24847	49.2696	15.9528	0.28781	1
cg17537252	ARHGEF3;ARHGEF3	1.57E-05	0.0159092	1.67271	1.67271	0.279811	1.21623	1.21623	0.116145	1.34649	1.34649	9.41E-06	5.28833	5.28833	0.459288	1.14029	1.14029	0.794795	0.955602	-1.04646	2.95E-07	13.7669	13.7669	0.655155	1.08147	1.08147	0.299919	1.20583	1.20583	36.064	17.3391	0.427367	1
cg21077300	ARHGEF3;ARHGEF3	0.00731503	0.0109986	0.196723	-5.08328	0.0101268	0.191406	-5.22451	0.322057	1.68435	1.68435	0.176955	2.07813	2.07813	0.0155649	0.220468	-4.5358	0.884248	0.928441	-1.07707	0.00878907	0.18256	-5.47764	0.00624425	0.162589	-6.15049	0.0136079	0.211006	-4.73919	6.52481	26.8443	3.65706	1
cg01016119	ARHGEF3;ARHGEF3	0.0206586	0.182076	0.384102	-2.60347	0.0261659	5.94413	5.94413	0.0299984	5.61059	5.61059	0.528363	0.649495	-1.53966	0.904049	1.08488	1.08488	0.0266322	5.89987	5.89987	0.00686152	10.6458	10.6458	0.0887054	0.281225	-3.55587	0.943739	1.04884	1.04884	4.65297	33.6347	6.42546	1
cg18482892	ARHGEF3;ARHGEF3	0.0486483	0.347316	0.52211	-1.9153	0.0171416	7.03558	7.03558	0.0143233	7.59874	7.59874	0.803478	0.845822	-1.18228	0.932315	1.05871	1.05871	0.068296	3.93858	3.93858	0.0181865	6.86025	6.86025	0.693167	0.766197	-1.30515	0.719211	1.27437	1.27437	3.42355	24.454	6.34924	1
cg09641077	ARHGEF3;ARHGEF3;ARHGEF3	8.33E-06	0.00412303	2.10904	2.10904	0.989963	1.00244	1.00244	0.386552	1.18788	1.18788	0.000528982	2.8491	2.8491	0.277855	0.803414	-1.24469	2.62E-05	5.02413	5.02413	1.28E-07	25.7393	25.7393	0.166851	1.33093	1.33093	0.128942	1.37473	1.37473	42.5331	25.3444	0.529666	1
cg20138711	ARHGEF3;ARHGEF3;ARHGEF3	2.55E-05	0.00512882	3.04459	3.04459	0.54313	1.20364	1.20364	0.90479	1.03669	1.03669	6.89E-05	8.94063	8.94063	0.225438	0.681565	-1.46721	1.23E-05	16.0539	16.0539	1.49E-06	39.3354	39.3354	0.756195	1.09832	1.09832	0.234517	1.45536	1.45536	31.7958	45.6643	1.2766	1
cg20509080	ARHGEF3;ARHGEF3;ARHGEF3	4.34E-05	0.241993	1.41664	1.41664	0.601013	1.16191	1.16191	0.859732	1.05159	1.05159	0.000951774	4.05792	4.05792	0.997307	1.00096	1.00096	0.000109086	6.94822	6.94822	6.65E-07	47.1405	47.1405	0.339092	1.32345	1.32345	0.158507	1.53527	1.53527	27.6314	35.3985	1.13875	1
cg07563047	ARHGEF3;SPATA12	0.000306141	0.000362121	0.382542	-2.6141	0.174778	0.784609	-1.27452	0.0233183	0.634097	-1.57704	0.677631	1.07278	1.07278	0.000124418	0.324943	-3.07746	0.00947107	0.575485	-1.73767	0.000114526	0.320606	-3.11909	0.123201	1.32399	1.32399	0.000662427	0.416361	-2.40176	16.3591	7.3181	0.397636	1
cg20749059	ARHGEF3;SPATA12	0.00500541	0.108213	0.683038	-1.46405	0.554245	1.13898	1.13898	?	?	?	0.164601	0.724312	-1.38062	0.978383	1.00591	1.00591	0.43441	0.84072	-1.18946	0.000459846	0.301319	-3.31875	0.0056807	2.20157	2.20157	0.0738165	0.648248	-1.54262	7.49342	4.99179	0.666156	1
cg11167446	ARHGEF3;SPATA12	0.0372859	0.624271	0.869035	-1.1507	0.213246	0.688866	-1.45166	0.301259	0.737452	-1.35602	0.530158	0.834578	-1.19821	0.544003	0.839766	-1.19081	0.212573	1.45254	1.45254	0.00392504	3.01514	3.01514	0.950091	1.01796	1.01796	0.0180863	0.442031	-2.26229	3.77924	4.8395	1.13827	1
cg25799109	ARHGEF3;SPATA12	0.038579	0.0156883	0.225228	-4.43994	0.17012	0.479307	-2.08635	0.320546	0.596542	-1.67633	0.137041	0.446573	-2.23928	0.0107521	0.199263	-5.0185	0.701266	0.823652	-1.21411	0.0102147	0.195941	-5.10357	0.277213	0.566199	-1.76616	0.0113263	0.202681	-4.93387	3.73241	14.9759	3.56656	1
cg22061831	ARHGEF4;ARHGEF4	1.02E-06	0.000131516	5.84204	5.84204	6.52E-05	7.03005	7.03005	3.73E-06	17.7477	17.7477	3.24E-05	8.58433	8.58433	0.0775502	0.593397	-1.68521	1.84E-07	70.3267	70.3267	0.333463	0.766921	-1.30392	0.00046824	4.31843	4.31843	2.71E-07	57.162	57.162	73.0234	81.8362	0.996164	1
cg22098115	ARHGEF4;ARHGEF4	9.49E-06	0.0030527	4.03999	4.03999	0.796713	1.09289	1.09289	5.57E-06	34.0675	34.0675	0.000111335	10.3658	10.3658	0.944148	1.0244	1.0244	4.35E-06	38.3092	38.3092	0.447767	0.766261	-1.30504	0.00961627	3.08911	3.08911	1.82E-06	59.6036	59.6036	41.1195	77.1114	1.66693	1
cg13024709	ARHGEF4;ARHGEF4	1.71E-05	0.0589157	0.761586	-1.31305	6.99E-07	5.57791	5.57791	0.853618	1.02386	1.02386	0.753156	0.960521	-1.0411	0.00534215	0.625932	-1.59762	1.47E-05	3.15757	3.15757	0.294141	1.14904	1.14904	0.58837	0.932614	-1.07226	0.357412	0.886174	-1.12845	35.2736	9.10679	0.22949	1
cg26820055	ARHGEF4;ARHGEF4	1.75E-05	0.487942	0.838947	-1.19197	0.00457465	2.5623	2.5623	9.29E-06	10.8756	10.8756	0.217131	1.38211	1.38211	0.01498	0.474539	-2.10731	4.84E-06	13.5042	13.5042	0.070857	0.604725	-1.65364	0.139749	0.673003	-1.48588	2.22E-05	8.33618	8.33618	35.0568	34.4831	0.874344	1
cg21912645	ARHGEF4;ARHGEF4	5.06E-05	0.0128959	0.686826	-1.45597	1.52E-05	0.33605	-2.97574	0.00832345	0.663381	-1.50743	0.00909037	0.668082	-1.49682	0.0264794	0.726048	-1.37732	0.157984	0.832195	-1.20164	0.0287285	1.3688	1.3688	0.482591	0.916825	-1.09072	2.35E-06	0.246941	-4.04955	26.5428	6.22483	0.208463	1
cg18754629	ARHGEF4;ARHGEF4	0.000425048	0.000346234	0.272429	-3.67069	0.074939	1.56525	1.56525	0.0703353	0.633191	-1.5793	0.169056	1.39236	1.39236	0.00288141	0.396172	-2.52415	0.0463739	0.597217	-1.67443	0.000774487	0.316836	-3.15621	0.000678891	3.23258	3.23258	0.0578497	0.616033	-1.62329	14.9476	12.0815	0.718454	1
cg13602816	ARHGEF4;ARHGEF4	0.000569083	0.0598079	0.7735	-1.29282	0.135927	1.21448	1.21448	0.00280384	1.64542	1.64542	0.00527374	1.5602	1.5602	0.0177142	0.705543	-1.41735	0.23789	0.861129	-1.16127	0.0101471	1.48013	1.48013	8.58E-05	2.34645	2.34645	0.0627939	0.776339	-1.2881	13.7856	3.19288	0.205875	1
cg11723713	ARHGEF4;ARHGEF4	0.000806409	0.46185	0.876271	-1.1412	0.143249	1.31967	1.31967	0.000333223	2.77558	2.77558	0.943172	0.987508	-1.01265	0.606961	1.09581	1.09581	0.000151961	3.14524	3.14524	0.0203438	0.610713	-1.63743	0.147013	1.31577	1.31577	0.00130758	2.28229	2.28229	12.504	6.15749	0.437727	1
cg12990915	ARHGEF4;ARHGEF4	0.00103234	0.0410563	1.46316	1.46316	0.0128921	1.64617	1.64617	0.627318	1.08219	1.08219	0.369935	1.16027	1.16027	0.000124886	0.339848	-2.94249	0.48306	0.891291	-1.12197	0.00179146	0.488032	-2.04904	0.0305981	1.50704	1.50704	0.280982	1.19831	1.19831	11.6608	4.81361	0.366937	1
cg02913521	ARHGEF4;ARHGEF4	0.00467751	0.00790255	0.442954	-2.25757	0.133977	0.67958	-1.4715	0.0693292	0.615307	-1.6252	0.994313	1.00171	1.00171	0.0010442	0.313547	-3.18932	0.00143095	0.332153	-3.01066	0.00253501	0.367327	-2.72237	0.511114	0.852742	-1.17269	0.0161504	0.494895	-2.02063	7.48919	6.77573	0.804209	1
cg12910906	ARHGEF4;ARHGEF4	0.00591872	0.0192063	2.90984	2.90984	0.183185	1.70314	1.70314	0.174551	1.72373	1.72373	0.0726839	2.12752	2.12752	0.0374433	2.48533	2.48533	0.194354	1.67807	1.67807	0.000214048	10.2859	10.2859	0.00371652	4.38277	4.38277	0.0135571	3.16399	3.16399	6.96843	15.6881	2.00116	1
cg08310581	ARHGEF4;ARHGEF4	0.00760946	0.0154138	6.19756	6.19756	0.00117391	18.5804	18.5804	0.159742	2.51388	2.51388	0.172017	2.44018	2.44018	0.160969	2.50618	2.50618	0.102359	2.99488	2.99488	0.00222817	13.8515	13.8515	0.00211288	14.1843	14.1843	0.0547794	3.80637	3.80637	6.44467	38.431	5.30064	1
cg14446494	ARHGEF4;ARHGEF4	0.0355769	0.52584	1.12591	1.12591	0.857185	0.967313	-1.03379	0.0394196	0.644303	-1.55207	0.518307	0.886196	-1.12842	0.745215	1.062	1.062	0.0229979	1.6515	1.6515	0.00308566	2.11105	2.11105	0.993058	1.00161	1.00161	0.74468	1.06214	1.06214	3.84429	2.07229	0.47916	1
cg26382586	ARHGEF4;ARHGEF4	0.0371781	0.099256	2.23074	2.23074	0.120532	2.11202	2.11202	0.2956	1.6186	1.6186	0.293326	1.62256	1.62256	0.124873	2.09094	2.09094	0.893039	0.942018	-1.06155	0.00466451	5.31427	5.31427	0.00464035	5.32269	5.32269	0.0446709	2.78275	2.78275	3.78323	11.812	2.77529	1
cg22877380	ARHGEF4;ARHGEF4	0.0487163	0.99902	1.00035	1.00035	0.0378457	1.97679	1.97679	0.845892	1.05661	1.05661	0.434539	1.25313	1.25313	0.00548171	0.355756	-2.81092	0.712539	0.900569	-1.11041	0.784171	0.925247	-1.08079	0.0737679	1.75779	1.75779	0.17801	0.666953	-1.49936	3.42174	4.34012	1.12746	1
cg10004780	ARHGEF4;ARHGEF4	0.0498337	0.0974075	1.95383	1.95383	0.0443737	2.34043	2.34043	0.122304	1.8527	1.8527	0.575114	1.23189	1.23189	0.0126678	0.319475	-3.13013	0.982711	1.00801	1.00801	0.0688239	2.11677	2.11677	0.775993	0.900278	-1.11077	0.128387	1.83164	1.83164	3.39242	7.28558	1.90898	1
cg20173637	ARHGEF5	0.000297221	5.82E-05	0.395054	-2.5313	0.0830169	0.787198	-1.27033	0.0808337	0.785563	-1.27297	0.0441916	0.749615	-1.33402	0.985831	0.997789	-1.00222	0.255597	0.862468	-1.15946	0.000731119	1.89654	1.89654	0.881968	1.01869	1.01869	0.000132305	0.437577	-2.28531	16.4921	4.05944	0.218795	1
cg13070738	ARHGEF5	0.00213795	6.75E-05	0.0441126	-22.6693	0.769617	1.13387	1.13387	0.447481	0.718059	-1.39264	0.097494	2.17686	2.17686	0.493936	0.742911	-1.34606	0.719991	1.16648	1.16648	0.241026	1.69056	1.69056	0.955048	1.02441	1.02441	0.00265416	0.168896	-5.92079	9.45606	27.4082	2.57642	1
cg21952686	ARHGEF5	0.0119573	0.00678471	0.156131	-6.40489	0.794518	1.14816	1.14816	0.0151683	0.206184	-4.85005	0.727283	1.2036	1.2036	0.00591705	0.148717	-6.72418	0.845593	0.901945	-1.10872	0.532667	1.39725	1.39725	0.72822	1.2028	1.2028	0.00298304	0.115738	-8.64018	5.57994	24.76	3.94429	1
cg15548711	ARHGEF5L	0.00523563	0.0385398	0.664852	-1.50409	0.543527	1.1104	1.1104	0.169285	0.779278	-1.28324	0.112575	0.745139	-1.34203	0.0206072	0.621947	-1.60786	0.0242943	0.63302	-1.57973	0.0379827	0.663828	-1.50641	0.532262	0.897862	-1.11376	0.000118646	0.317614	-3.14848	7.23601	3.32406	0.408336	1
cg05892376	ARHGEF6	0.00487962	0.00152327	0.155348	-6.43717	0.0067256	0.238423	-4.19423	0.0653618	0.430027	-2.32543	0.297636	1.55346	1.55346	0.555458	0.78404	-1.27545	0.0226556	0.328495	-3.04419	0.00210656	0.171325	-5.83686	0.00806979	0.250507	-3.9919	0.0130095	0.284455	-3.5155	7.39336	19.4888	2.3431	1
cg00203568	ARHGEF6	0.00563612	0.000208166	0.155137	-6.44593	0.167617	1.5551	1.5551	0.924486	0.97194	-1.02887	0.0276799	0.457741	-2.18464	0.747506	0.907586	-1.10182	0.38454	0.765175	-1.30689	0.0658742	0.538199	-1.85805	0.619081	1.16236	1.16236	0.00877683	0.367152	-2.72366	7.07422	10.0971	1.26872	1
cg05943154	ARHGEF6	0.00744638	0.169933	0.802075	-1.24677	0.186004	0.809324	-1.2356	0.206601	0.81793	-1.2226	0.484617	0.898386	-1.11311	0.000496126	0.439358	-2.27605	0.272492	0.841705	-1.18806	0.00479177	1.75916	1.75916	0.715547	1.05677	1.05677	0.544975	1.09684	1.09684	6.48857	2.33931	0.320469	1
cg00250879	ARHGEF6	0.041226	0.0973654	0.466737	-2.14254	0.112127	0.484524	-2.06388	0.925933	0.961802	-1.03972	0.311841	0.645167	-1.54999	0.00802458	0.241038	-4.14872	0.381601	0.686686	-1.45627	0.00457015	0.205624	-4.86325	0.954958	0.976619	-1.02394	0.0260422	0.330769	-3.02326	3.64233	10.1209	2.46995	1
cg01131699	ARHGEF6;ARHGEF6	0.00498584	0.0011701	0.0752931	-13.2814	0.00824354	0.159739	-6.26022	0.321187	0.573295	-1.7443	0.435986	1.53942	1.53942	0.00590157	0.14152	-7.06613	0.0208551	0.221009	-4.52471	0.00182929	0.0903891	-11.0633	0.0648808	0.324533	-3.08135	0.0227423	0.227655	-4.39262	7.34495	34.2771	4.14823	1
cg09517019	ARHGEF6;ARHGEF6	0.019155	0.0202468	0.286269	-3.49322	0.0226728	0.295541	-3.38363	0.0886359	0.432064	-2.31447	0.129483	2.07897	2.07897	0.00873714	0.224796	-4.44848	0.203077	0.548643	-1.82268	0.0224509	0.294725	-3.393	0.0128565	0.251526	-3.97573	0.130532	0.482122	-2.07416	4.77393	15.0927	2.81021	1
cg17204993	ARHGEF6;ARHGEF6	0.0272101	0.010601	0.129171	-7.74168	0.844706	1.13301	1.13301	0.919092	0.937351	-1.06684	0.465952	1.60392	1.60392	0.0353021	0.209943	-4.76321	0.229987	0.448441	-2.22995	0.00653116	0.105371	-9.49025	0.0308037	0.198889	-5.02793	0.0268071	0.188188	-5.31383	4.23014	27.1645	5.70813	1
cg06293983	ARHGEF6;ARHGEF6	0.0343706	0.0287084	0.10783	-9.27382	0.337561	0.425975	-2.34756	0.580173	0.617393	-1.61971	0.422403	2.02859	2.02859	0.0658156	0.168337	-5.94046	0.0836285	0.191528	-5.22116	0.00312435	0.0305555	-32.7273	0.0682558	0.171664	-5.82535	0.0280405	0.106469	-9.39237	3.89258	45.9319	10.4888	1
cg20852629	ARHGEF7;ARHGEF7	0.00875778	0.00719893	0.617241	-1.62011	0.000561589	0.475245	-2.10418	0.045827	0.727306	-1.37494	0.0666496	0.751238	-1.33114	0.862777	1.02435	1.02435	0.651223	0.938663	-1.06535	0.801216	0.965518	-1.03571	0.00661779	0.612433	-1.63283	0.046143	0.727738	-1.37412	6.16547	1.88916	0.272364	1
cg15021629	ARHGEF7;ARHGEF7	0.0368988	0.32705	0.708105	-1.41222	0.935103	0.9726	-1.02817	0.187227	0.620728	-1.61101	0.391419	0.741144	-1.34926	0.00376131	0.263368	-3.79697	0.534418	0.806826	-1.23943	0.075943	0.509784	-1.96162	0.172725	0.60955	-1.64056	0.0029778	0.249014	-4.01583	3.79365	6.99241	1.63839	1
cg03925425	ARHGEF7;ARHGEF7;ARHGEF7	0.00436113	0.56915	0.963681	-1.03769	0.0537127	1.15125	1.15125	0.116543	0.896152	-1.11588	0.536473	1.04107	1.04107	0.0168434	0.829026	-1.20623	0.082645	0.883747	-1.13155	0.000155164	0.659309	-1.51674	0.380231	1.05958	1.05958	0.861185	1.01132	1.01132	7.65007	0.500865	0.0581973	1
cg02853801	ARHGEF7;ARHGEF7;ARHGEF7	0.0055715	0.170377	0.744195	-1.34373	0.044838	0.627534	-1.59354	0.000769541	0.356808	-2.80263	0.0197027	0.565534	-1.76824	0.000730304	0.353795	-2.8265	0.114709	0.706723	-1.41498	0.0227984	0.576165	-1.73562	0.00887408	0.509709	-1.9619	0.0606854	0.651863	-1.53406	7.09933	4.60384	0.576434	1
cg12369078	ARHGEF7;ARHGEF7;ARHGEF7	0.00565554	0.773066	0.925263	-1.08077	0.0434009	1.86651	1.86651	0.299948	1.33453	1.33453	0.244369	0.720948	-1.38706	0.000238653	0.195062	-5.12658	0.0939596	0.609722	-1.64009	0.0674241	0.576644	-1.73417	0.0955543	1.63543	1.63543	0.711073	0.904877	-1.10512	7.06673	8.07784	1.01607	1
cg09173621	ARHGEF7;ARHGEF7;ARHGEF7	0.00846378	0.657197	0.780672	-1.28095	0.00261787	10.0753	10.0753	0.371765	1.66259	1.66259	0.295501	1.82466	1.82466	0.033298	0.251805	-3.97133	0.0193931	4.79266	4.79266	0.00773847	0.150111	-6.66173	0.296389	1.82249	1.82249	0.155017	2.32486	2.32486	6.23242	30.3342	4.32637	1
cg00557354	ARHGEF7;ARHGEF7;ARHGEF7	0.0130439	0.625508	0.934779	-1.06977	0.0785012	1.30731	1.30731	0.950679	0.991554	-1.00852	0.0167578	1.4923	1.4923	0.85903	1.02468	1.02468	0.462291	0.902485	-1.10805	0.00666348	1.62048	1.62048	0.000925897	1.97043	1.97043	0.416587	1.12058	1.12058	5.42418	1.61518	0.264688	1
cg27485596	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.00166651	0.00196519	0.19045	-5.25072	0.924347	1.03666	1.03666	0.239935	0.627259	-1.59424	9.86E-05	0.0727371	-13.7481	0.0459112	0.420106	-2.38035	0.275432	0.650467	-1.53736	0.000646787	0.137592	-7.26788	0.407594	0.725363	-1.37862	0.0164867	0.329381	-3.036	10.1661	23.1319	2.02257	1
cg13127231	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0344312	0.0214905	0.28616	-3.49455	0.543591	0.756914	-1.32115	0.0904604	0.429526	-2.32815	0.777891	0.879761	-1.13667	?	?	?	0.0445709	0.35175	-2.84292	0.00273624	0.153599	-6.51046	0.0415532	0.34488	-2.89956	0.499392	0.733001	-1.36425	3.95354	11.4219	2.88904	1
cg02672368	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0457769	0.651411	1.10369	1.10369	0.118946	1.44355	1.44355	0.0560204	1.59923	1.59923	0.0427768	0.602989	-1.65841	0.036643	0.590536	-1.69338	0.766358	0.937405	-1.06677	0.308049	1.25718	1.25718	0.161823	1.38272	1.38272	0.0491649	1.6276	1.6276	3.50298	2.61064	0.662457	1
cg07456413	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.00806378	0.860908	1.05472	1.05472	0.206158	1.4994	1.4994	0.73302	0.901221	-1.10961	0.239866	1.45328	1.45328	0.00151636	0.249704	-4.00474	0.00454284	0.317179	-3.1528	0.0234305	0.439355	-2.27607	0.449001	1.26409	1.26409	0.0192697	0.423205	-2.36292	6.32831	9.24769	1.29895	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1-vs-1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5 vs. N)	Fold-Change(5-vs-563 vs. N)	p-value(563 vs. N)	Fold-Change(5-vs-563 vs. N)	F(Error)
cg13408955	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.00865969	0.20299	0.75957	-1.31654	0.00027091	3.3795	3.3795	0.8391 97	1.04245	0.582493	1.12032	1.12032	0.183301	0.749077	-1.33498	0.725212	1.07489	0.026159	0.583248	-1.71454	0.501546	0.869722	-1.14979	0.870013	0.967042	-1.03408	1.68749	4.10343	0.589495	1
cg22032283	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.00960918	0.468534	0.83156	-1.20256	0.00027444	4.43898	4.43898	0.411368	1.23378	1.23378	0.519069	1.1776	1.1776	0.132893	0.666638	-1.50007	0.0429322	0.558416	-1.79078	0.381235	1.25184	1.25184	0.431639	1.22229	1.22229	0.924516	1.02398	1.02398	5.98635	5.93028	0.880563	1
cg10380312	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0107819	0.325559	1.31414	1.31414	0.00688951	2.5636	2.5636	0.00158432	3.38854	3.38854	0.0130612	2.29013	2.29013	0.176269	0.92619	-1.07969	0.143129	1.52726	1.52726	0.125187	1.56306	1.56306	0.0355552	2.8953	2.8953	0.0591866	1.7741	1.7741	1.7596	6.61778	1.01956	1
cg21613549	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0153894	0.689121	0.856994	-1.16687	0.00461792	4.24792	4.24792	0.0578511	2.27727	2.27727	0.203531	1.67374	1.67374	0.0185131	0.334161	-2.99257	0.0135215	0.309414	-3.23192	0.581126	1.23845	1.23845	0.840557	1.08037	1.08037	0.477699	0.758027	-1.31921	5.13693	11.9821	2.07336	1
cg16645705	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0156481	0.033712	0.459555	-2.17602	0.00376476	3.4072	3.4072	0.742989	0.901989	-1.10866	0.208286	1.51572	1.51572	0.112154	0.581424	-1.71992	0.0459015	0.488047	-2.04898	0.0820684	1.54663	1.54663	0.0229389	1.78946	1.78946	0.527953	0.818349	-1.22197	5.1086	7.95198	1.38363	1
cg24925901	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0175593	0.172104	0.558409	-1.7908	0.00250884	5.38039	5.38039	0.0288792	2.80917	2.80917	0.472063	1.34075	1.34075	0.0446349	0.396394	-2.52274	0.464115	1.34811	1.34811	0.322119	0.663633	-1.50686	0.101789	2.05039	2.05039	0.27279	0.632826	-1.58021	4.91588	12.5118	2.26237	1
cg12512173	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0231915	0.184707	0.757507	-1.32012	0.00266539	2.27072	2.27072	0.0515428	1.54883	1.54883	0.798181	0.950675	-1.05188	0.0570029	0.653667	-1.52983	0.433686	0.854098	-1.17083	0.244816	1.27147	1.27147	0.125942	1.38664	1.38664	0.323519	0.817671	-1.22299	4.47206	2.76024	0.548639	1
cg06807303	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0493648	0.544556	0.836561	-1.19537	0.00519581	2.92495	2.92495	0.00618041	2.82869	2.82869	0.68725	0.888904	-1.12498	0.586492	1.17329	1.17329	0.851618	0.946969	-1.056	0.199441	1.48363	1.48363	0.793352	0.926452	-1.07939	0.34688	1.32559	1.32559	0.40463	4.56567	1.19202	1
cg14209931	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0283518	0.748387	1.18713	1.18713	0.00488541	7.30377	7.30377	0.0127589	5.20285	5.20285	0.10434	2.57634	2.57634	0.0350243	0.270029	-3.7033	0.979488	1.0138	1.0138	0.98182	0.987929	-1.01222	0.118999	2.46425	2.46425	0.623124	1.30396	1.30396	4.16939	18.7606	3.99964	1
cg04027940	ARHGEF9	0.00110636	0.026477	0.563747	-1.77385	0.0138696	0.515631	-1.93937	0.0229558	0.571465	-1.74989	0.00137564	0.36382	-2.74861	0.437255	0.184732	-5.41324	0.00396331	0.429949	-2.32585	0.0061868	0.459415	-2.17668	0.5048	0.862915	-1.15886	0.921712	1.02165	1.02165	11.4341	8.59455	0.668143	1
cg01460974	ARHGEF9	0.00683174	0.0186928	0.527855	-1.89446	0.00159577	0.362254	-2.7605	0.0366523	0.580247	-1.7234	0.0953237	0.663111	-1.50804	0.00462147	0.429637	-2.32755	0.00325645	0.406816	-2.45812	0.0211394	0.537135	-1.86173	0.00426766	0.424387	-2.35634	0.111155	0.677706	-1.47557	6.66545	5.30528	0.707499	1
cg01024600	ARHGEF9	0.0102721	0.0191618	0.379099	-2.63845	0.0013054	0.944365	-1.0591	0.00356271	0.159853	-6.25662	0.00102802	0.14129	-7.07845	0.0228021	0.144129	-6.93552	0.23731	0.654703	-1.52752	?	?	?	0.167392	0.4458	0.580303	-1.72545	0.0240729	1.38061	1.38061	5.9769	9.8428	1.64681	1
cg00369058	ARHGEF9	0.0325892	0.215794	0.722877	-1.38336	0.0180808	0.488114	-2.04452	0.963178	1.01157	1.01157	0.59203	0.87393	-1.14426	0.0376628	0.548476	-1.82323	0.249451	0.740934	-1.34965	0.00758787	0.425113	-2.35232	0.00831705	0.431594	-2.31699	0.394982	1.24237	1.24237	0.39785	3.89956	0.87359	1
cg00442233	ARHGEF9	0.0163103	0.715377	0.87881	-1.1379	0.0109442	0.251402	-3.97777	0.00342207	0.261827	3.81931	0.231422	0.642243	-1.55704	0.133852	0.560338	-1.78485	0.622861	1.19108	1.19108	0.521728	1.25744	1.25744	0.636291	0.845322	-1.18298	0.267152	0.665114	-1.5035	3.81591	7.52049	1.75184	1
cg09849688	ANKRD13A;ARID1A	8.09E-05	0.655656	0.937982	-1.06612	6.78E-05	2.82982	2.82982	0.0145405	1.53633	1.53633	0.0124579	1.55827	1.55827	0.0269	1.45337	1.45337	0.0754603	1.32619	1.32619	0.0655126	0.744622	-1.34296	4.06E-06	4.59606	4.59606	0.0229389	0.678316	-1.47424	23.4304	7.55134	0.286478	1
cg03123091	ARID1A;ARID1A	0.00877099	0.385879	0.687758	-1.454	0.54435	0.772301	-1.29483	0.113703	0.48447	-2.06411	0.0810891	0.442906	-2.25782	0.00627868	0.223302	-4.47825	0.00295119	0.179297	-5.57735	0.00125213	0.133454	-7.27516	0.71744	0.858103	-1.16536	0.00590496	0.219449	-4.55686	6.16253	17.306	2.49623	1
cg18973247	ARID1A;ARID1A	0.00978958	0.0926544	0.537093	-1.86187	0.0308841	2.25594	2.25594	0.0424388	2.46351	2.46351	0.140851	0.713978	0.58166	-1.72009	0.29996	-3.33431	0.605112	0.892276	-1.1265	0.633792	0.675715	-1.16045	0.00328075	0.5215	5.1215	0.335361	0.76255	-1.39615	5.09091	10.6351	1.58867	1
cg23721345	ARID1A;ARID1A	0.0143795	0.00175927	0.303631	-3.29347	0.81549	0.9394	-1.06451	0.339225	1.3014	1.3014	0.647149	0.88404	-1.13117	0.00749107	0.398266	-2.51088	0.572062	0.85839	-1.16497	0.0263962	0.494546	-2.02206	0.125437	1.55818	1.55818	0.0761208	0.589897	-1.69521	5.25344	5.95094	1.00691	1
ch.1.895623F	ARID1A;ARID1A	0.018042	0.00302986	0.663368	-1.50749	0.00237157	0.590738	-1.6928	0.475746	0.833869	-1.09425	0.0216105	0.709925	-1.4086	0.00487024	0.205393	-4.86977	0.840247	1.02392	1.02392	0.362594	0.890281	-1.12324	0.00870612	0.919122	-1.088	0.583661	0.933571	-1.07116	4.8713	1.00905	0.217153	1
cg12136895	ARID1A;ARID1A	0.035449	0.777948	1.11111	1.11111	0.0286982	2.61611	2.61611	0.0738844	2.10105	2.10105	0.822171	1.08751	1.08751	0.0133424	0.310963	-3.21648	0.335001	0.6903	1.4485	1.37646	0.734076	0.713021	-1.40248	0.0254254	2.69553	2.69553	0.242035	1.46366	1.46366	3.84932	2.46717	1.95525	1
cg16701767	ARID1A;ARID1A	0.0162745	0.169281	0.655487	-1.52558	0.3811117	1.29579	1.29579	0.72028	1.10929	1.10929	0.308405	1.35539	1.35539	0.0847327	0.576996	-1.73311	0.199896	1.47788	1.47788	0.00419271	0.330765	-3.02325	0.05792442	1.85583	1.85583	0.59597	0.856975	-1.1669	3.81728	5.02999	1.37128	1
cg25601319	ARID1A;ARID1A	0.0495718	0.221251	0.78243	-1.27831	0.1786	0.857312	-1.16651	0.11444	0.870734	-1.14851	0.19508	1.19508	0.836728	1.16271	0.162927	6.13796	0.116297	0.852625	1.17298	0.0172192	0.581077	1.72119	0.0237389	1.35605	0.00838642	0.529981	1.88872	1.66027	1.39922	1.95972	0.512463	1
cg17790099	ARID1A;ARID1B;ARID1A;ARID1B	3.06E-05	7.73E-05	0.294499	-3.3956	4.06E-05	0.262456	-3.81016	0.174692	1.27959	1.27959	0.0171068	0.60875	-1.64271	0.00300727	0.499192	2.00324	0.000197144	0.343507	-2.91115	5.93E-06	0.176128	-5.67768	0.00702264	1.81344	1.81344	0.00725234	0.553461	-1.80681	10.3076	13.9992	0.410582	1
cg02150218	ARID1A;ARID1B;ARID1A;ARID1B	3.58E-05	0.000405827	0.181315	-5.51373	1.04E-05	0.014097	0.40499	0.0433567	0.512779	-1.95016	0.0184756	0.540327	-1.85014	0.0139735	0.397353	-2.51647	0.126575	0.770646	1.29756	0.0105154	0.174853	-5.71948	0.0150144	1.77485	1.77485	0.0491129	0.898025	-1.11356	2.55196	1.23	0.536196	1
cg26551092	ARID1A;ARID1B;ARID1A;ARID1B	0.00101323	0.00557833	2.3632	2.3632	6.25E-06	10.8657	10.8657	0.00151919	2.94122	2.94122	0.00210976	4.81	4.81	0.770815	1.07145	1.07145	0.743377	0.925321	1.08071	0.388591	1.23215	1.23215	8.84E-05	5.256	5.256	0.0207338	1.93069	1.93069	22.0628	19.5038	0.78579	1
cg06108288	ARID1A;ARID1B;ARID1A;ARID1B	0.00012661	0.386469	0.888547	-1.11291	2.24E-06	4.02837	4.02837	0.00599292	1.54157	1.54157	0.732634	0.957964	-1.04388	0.907982	1.01403	1.01403	0.92911	1.01078	1.01078	0.00889398	0.182099	1.82099	0.303012	1.13719	1.13719	0.0948595	0.801564	-1.24756	20.7833	4.77949	0.204416	1
cg19205500	ARID1A;ARID1B;ARID1A;ARID1B	0.00037027	0.334153	0.8869	-1.12741	0.0109442	0.24556	-4.07305	0.0182008	0.878506	1.13866	0.0133316	0.633116	-1.57939	0.0139007	0.390727	-2.56025	0.0240174	0.614034	1.62899	0.0139007	0.184695	1.84695	0.0139007	1.81984	1.81984	0.0139007	0.548367	-1.82351	1.03932	0.573023	0.948307	1.05444	0.51527	1.92306	0.0121992	1
cg06824423	ARID1A;ARID1B;ARID1A;ARID1B	0.000876242	0.00201549	4.19274	4.19274	6.68E-05	11.0664	11.0664	0.00909761	2.97529	2.97529	0.00192528	4.23937	4.23937	0.0832125	1.87945	1.87945	0.320665	1.40157	1.40157	0.0023597	0.43737	0.43737	0.00071174	5.45424	5.45424	0.0471881	2.111	2.111	12.2146	20.9397	1.52384	1
cg07330880	ARID1A;ARID1B;ARID1A;ARID1B	0.0011248	0.00145829	3.998	3.998	0.00159472	6.25158	6.25158	0.0139446	2.53056	2.53056	0.0120766	3.78324	3.78324	0.0276563	1.74542	1.74542	0.0092003	0.603317	1.65784	0.0031059	0.244166	4.09577	0.0031059	1.35555	0.705938	1.41702	0.0031059	1.35555	0.705938	1.05834	0.944878	0.704024	1
cg25008842	ARID1A;ARID1B;ARID1A;ARID1B	0.001273	0.00219457	5.0004	5.0004	0.00012032	12.4143	12.4143	0.02767	2.66297	2.66297	0.00145485	5.60459	5.60459	0.0490241	2.31648	2.31648	0.547657	2.25613	1.25613	0.0240913	2.74069	2.74069	0.00015246	7.62313	7.62313	0.0046912	2.2164	2.1764	10.9849	24.4371	1.97744	1
cg16158077	ARID1A;ARID1B;ARID1A;ARID1B	0.00337705	0.00606203	1.59445	1.59445	0.02546644	1.4129	1.4129	0.00830491	1.55147	1.55147	0.014005	1.48432	1.48432	0.0020563	0.568251	-1.75979	0.0636649	1.31179	1.31179	0.274988	0.862560	-1.15933	0.232229	0.849523	-1.17713	0.8656111	1.02229	1.02229	8.26167	2.21705	0.238536	1
cg17929152	ARID1A;ARID1B;ARID1A;ARID1B	0.0784212	0.0178422	1.99888	1.99888	0.00400973	3.943928	3.943928	0.0604048	2.95134	2.95134	0.0185083	3.74968	3.74968	0.0451887	1.81821	1.81821	0.0485681	1.14585	1.14585	0.0884476	1.4351	1.4351	0.00906509	1.89137	1.89137	0.301923	1.22816	1.22816	8.04142	4.705	0.159803	1
cg08308556	ARID1A;ARID1B;ARID1A;ARID1B	0.00590489	0.451498	0.930888	-1.07424	0.764856	0.1284	0.1284	0.589287	1.0522	1.0522	0.0125034	0.748207	-1.33653	0.800075	0.976587	-1.02397	0.820917	1.02139	1.02139	0.00177643	0.552621	-1.80956	0.00859293	0.731324	-1.36738	0.2109	1.884207	-1.13096	6.97346	0.962584	0.122698	1
cg01544424	ARID2;ARID2	0.0962604	0.896204	1.09367	1.09367	0.6443	0.1284	0.1284	0.353161	1.33316	1.33316	0.0126355	1.63116	1.63116	0.0126355	1.32288	1.32288	0.515767	1.23839	1.23839	0.0126355	1.19938	1.19938	0.0126355	1.42841	1.42841	0.0126355	0.672665	-1.48733	0.817709	0.98229	-1.01827	1.02	1.02	1.02	0.0126355	1
cg20444341	ARID2;ARID2;ARID2;ARID2	0.00762674	0.239153	2.11896	2.11896	0.265449	0.493422	-2.02666	0.933101	1.0521	1.0521	0.48547	1.5369	1.5369	0.328711	0.543182	-1.84542	0.412945	0.601696	-1.66197	0.450734	0.627418	-1.59383	0.000123958	0.0116919	-85.5292	0.994571	1.00412	1.00412	7.37894	41.8556	4.41179	1
cg18829541	ARID2;ARID2;ARID2;ARID2	0.0118366	0.0508513	2.21511	2.21511	0.0632664	2.11912	2.11912	0.587199	1.22143	1.22143	0.0868186	1.52705	1.52705	0.0164382	1.4244	1.4244	0.00778138	1.41638	1.41638	0.0150264	1.34032	1.34032	0.00095264	1.97357	1.97357	0.0123653	2.46153	2.46153	5.59833	11.462	1.81975	1
cg10059410	ARID2;ARID2;ARID2;ARID2	0.0134301	0.04667	0.455897	-2.19348	0.0109394	0.2906064	0.45752	0.0017354	0.224729	4.4481	0.0856474	0.545552	-1.83301	0.136425	0.599425	-1.66826	0.251805	0.682629	-1.46492	0.0523798	0.308908	-3.23721	0.346791	0.73417	-1.36208	0.108883	0.572519	1.74657	3.98295	6.68358	1.4225	1
cg26286239	ARID1B;ARID1B;ARID1B;ARID1B	0.0178929	0.0240288	1.74259	1.74259	0.0145225	0.537287	-1.8612	0.0532777	0.635711	-1.57304	0.276837	0.791868	-1.26284	0.121891	1.41333	1.41333	0.915254	1.02221	1.02221	0.0189048	1.79782	1.79782	0.146241	1.37961	1.37961	0.239557	0.775615	-1.2893	4.88492	3.29342	0.599291	1
cg09504473	ARID1B;ARID1B;ARID1B;ARID1B	0.0192219	0.728093	0.917151	-1.09015	0.0154	0.805732	-1.24111	0.1818	0.195808	5.10525	0.0012555	0.810171	-1.23425	0.0442024	0.747297	-1.33798	0.047039	0.623041	1.60501	0.0012555	0.142095	7.03597	0.0012555	1.42095	0.704107	0.0012555	1.42095	0.704107	0.10452	1.19532	0.222827	1
cg02247625	ARID1B;ARID1B;ARID1B;ARID1B	0.0261805	0.135266	0.765815	-1.3041	0.503233	1.11855	1.11855	0.463786	0.884287	-1.13085	0.00556302	0.548475	-1.82324	0.859147	1.02973	1.02973	0.479354	0.888176	-1.1259	0.3624754	0.857048	-1.1668	0.104649	1.33976	1.33976	0.00351892	0.520671	-1.9206	4.2877	1.84678	0.38286	1
cg05002580	ARID1B;ARID1B;ARID1B;ARID1B	0.0264136	0.147364	0.79099	-1.26424	0.0409323	1.40917	1.40917	0.0134411	1.16587	1.16587	0.266595	0.829428	-1.20565	0.440094	1.12608	1.12608	0.213532	0.820749	1.2184	0.00148068	1.99683	1.99683	0.978349	0.999991	-1.00402	0.840759	0.909116	-1.0308	4.27442	0.59969	0.302187	1
cg11557016	ARID1B;ARID1B;ARID1B;ARID1B	0.0274237	0.0378035	1.94666	1.25482	0.5579967	-1.19379	0.00243645	0.283266	-3.53025	0.357275	1.3272	1.3272	0.0113568	0.387669	-2.57952	0.306979	1.37191	1.37191	0.959196	0.15141	-2.42308	0.782988	-1.27716	0.272548	0.710157	-1.40899	4.21854	5.97262	1.25849	1
cg14146378	ARID1B;ARID1B;ARID1B;ARID1B	0.0274581	0.0157040	1.59932	-6.25266	0.14723	0.26219	2.61919	0.949548	0.960836	-1.04076	0.938108	1.69425	1.04925	0.0070055	0.116081	-8.6147	0.041706	0.233826	-4.27668	0.0128649	0.147757	-6.76788	0.94864	0.550273	-1.81728	0.247256	0.472863	2.16268	25.5949	5.39548	1
cg20662417	ARID1B;ARID1B;ARID1B;ARID1B	0.0313423	0.0186666	1.68252	1.68252	0.0127229	0.3657	2.64335	0.201021	1.89037	1.89037	0.257125	0.557507	-1.79376	0.0134232	0.453033	-2.20742	0.324837	0.619831	1.61334	0.0242621	0.168417	-5.93877	0.0759303	1.31854	1.31854	0.141926	0.474968	-2.10547	4.14284	2.12959	0.510264	1
cg14613479	ARID1B;ARID1B;ARID1B;ARID1B	0.0280113	0.0130078	1.6639	1.6639	0.947033	1.01104	1.01104	0.618609	0.920424	-1.08646	0.187211	1.25982	1.25982	0.0089274	0.57717	-1.73259	0.310118	1.18949	1.18949	0.0340307	1.505	1.505	0.195695	1.25369	1.25369	0.302941	0.838361	-1.1928	4.18719	1.81035	0.384316	1
cg23222435	ARID1B;ARID1B;ARID1B;ARID1B	0.0180354	0.280373	0.735131	-1.3603	0.0275967	0.489513	-2.04285	0.407984	0.792873	-1.26124	0.103831	0.613196	-1.6308	0.0190165	0.44299	-2.25766	0.1765	1.25907	1.25907	0.011891	1.38101	1.38101	0.0472212	0.536525	-1.86384	0.408918	4.81054	1.05864	1
cg06012428	ARID1B;ARID1B;ARID1B;ARID1B	0.0336498	0.0499675	0.501076	-1.99571	0.0317983	2.1768	2.1768	0.02254983	2.32654	2.32654	0.113851	0.587598	-1.70185	0.140323	0.612405	-1.63291	0.293214	0.713879	1.4008	0.81448	1.07536	1.07536	0.313988	1.37972	1.37972	0.0909814	0.562416	-1.77804	3.92245	0.93564	1.34511	1
cg07316978	ARID1B;ARID1B;ARID1B;ARID1B	0.0364309	0.790663	1.06428	1.06428	0.2895974	0.773077	-1.29353	0.28204	0.769695	-1.29922	0.378651	0.809377	-1.23552	0.284204	0.770669	-1.29757	0.141334	0.690481	-1.44827	0.130668	1.46549	1.46549	0.241289	1.33271	1.33271	0.00240395	2.6915	2.6915	3.81131	3.30947	0.771847	1
cg07577837	ARID1B;ARID1B;ARID1B;ARID1B	0.0376909	0.83956	1.04239	1.04239	1.06115	0.0444771	1.90267	0.0004707	0.482185	-2.07324	0.0481887	1.23018	1.23018	0.0873891	1.0464	1.0464	0.0065388	1.23018	1.23018	0.0873891	1.4204	1.4204	0.0873891	1.87078	1.87078	0.0873891	0.532855	-1.87764	0.402483	0.954161	1.19532	1.22827	1
cg16719194	ARID1B;ARID1B;ARID1B;ARID1B	0.0380571	0.338357	0.77226	-1.2949	0.086955	0.609584	-1.64046	0.291629	1.3318	1.3318	0.67024	1.11869	1.11869	0.170578	0.682406	-1.4654	0.813784	1.06374	1.06374	0.0155489	0.479285	-2.17491	0.0146769	2.19598	2.19598	0.0821374	0.603909	-1.65588	3.75107	4.07353	0.9653	1
cg27638453	ARID1B;ARID1B;ARID1B;ARID1B	0.0396523	0.0109059	1.84889	1.84889	0.0209171	0.381318	2.33202	0.0134411	1.16587	1.16587	0.266595	0.829428	-1.20565	0.440094	1.12608	1.12608	0.213532	0.820749	1.2184	0.00148068	1.99683	1.99683	0.978349	0.999991	-1.00402	0.840759	0.909116	-1.0308	4.27442	0.59969	0.302187	1
cg11299190	ARID1B;ARID1B;ARID1B;ARID1B	0.0457974	0.423886	1.25038	1.25038	0.0231181	2.10233	2.10233	0.268332	1.37084	1.37084	0.153646	1.51882	1.51882	0.128855	0.638268	-1.56674	0.230241	1.41108	1.41108	0.116765	1.59394	1.59394	0.00459689	2.80664	2.80664	0.697231	1.898559	1.112189	3.50239	4.15168	1.05368	1
cg08268892	ARID1B;ARID1B;ARID1B;ARID1B	0.0458789	0.134799	0.537884	-1.85914	0.383607	1.41221	1.4122	0.305037	0.50459	1.50459	0.186525	1.71361	1.71361	0.0131868	0.29243	-3.41962	0.819029	1.09215	1.09215	0.19137	0.587402	-1.70241	0.400559	1.39231	1.39231	0.0172718	1.327741	-1.05119	1.50085	8.20059	2.08266	1
cg20408104	ARID1B;ARID1B;ARID1B;ARID1B	0.0495272	0.726524	1.10387	1.10387	0.2137424	1.4429	1.4429	0.470609	1.25851	1.25851	0.0574477	1.13304	1.13304	0.2193382	0.554268	-1.80434	0.324502	1.06578	1.06578	0.4208	1.78914	1.78914	0.0218355	1.56112	1.56112	0.0460867	0.641304	-1.55896	1.11414	1.11414	1.40028	4.2126	1.10278	1
cg04929428	AIRD2	0.00173771	0.607262	1.06673	1.06673	0.00341372	1.64179	1.64179	0.40984	1.11074	1.11074	0.324916	1.13523	1.13523	0.351118	0.887294	-1.12702	0.560204	1.07616	1.07616	6.17E-05	0.398215	-2.51121	0.390933	1.11576	1.11576	0.184556	1.19168	1.19168	10.0438	2.46088	0.218589	1
cg22536226	AIRD2	0.00464393	0.0765155	1.31473	1.31473	0.0265434	1.2471	1.2471	0.0019419	1.32823	1.32823	0.0189476	1.85679	1.85679	0.0265487	0.571056	-1.75102	0.0176585	1.21574	1.21574	0.0647371	1.71612	1.71612	0.0054939	2.59232	2.59232	0.2158584	1.35807	1.35807	5.67651	8.40403	0.940101	1
cg10183821	AIRD2	0.00669905	0.204739	1.14318	1.14318	0.230563	1.13403	1.13403	0.00758021	1.40081	1.40081	0.054135	1.2443	1.2443	0.020378	1.32254	1.32254	0.0093325	1.27413	1.27413	0.0350122	1.28943	1.28943	0.0044129	1.46872	1.46872	0.108772	1.19115	1.19115	6.70265	1.06211	0.140779	1
cg14659676	AIRD2	0.012599	0.104662	0.641495	-1.55886	0.0674105	0.598702	-1.67028	0.00309969	0.36313	-2.75383	0.575332	0.867897	-1.15221	0.000863789	0.285966	-3.49691	0.742412	0.920759	-1.08606	0.806393	0.940386	-1.06339	0.475829	1.19901	1.19901	0.0402814	0.552624	-1.80955	5.48593	5.44417	0.882122	1
ch.12.91720AF	AIRD2	0.0277	0.0105962	1.277116	1.277116	0.0175682	0.453596	-2.20515	0.0078268	0.18909	-5.28849	?	0.20096	-4.97611	0.0026088	0.183207	-5.45881	0.51516	1.30142	1.30142	0.106398	0.49465	-2.02163

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06641503	ARIH2	0.00593585	0.328641	0.671881	-1.48836	0.668571	1.18515	1.18515	0.320291	0.666942	-1.49938	0.00107239	0.148701	-6.72489	0.00302729	0.201341	-4.96669
cg23732483	ARIH2	0.0199716	0.0206223	0.343309	-2.91283	0.50691	0.772436	-1.29461	0.33677	0.684008	-1.46197	0.439384	1.35313	1.35313	0.00191044	0.185306	-5.39648
cg02615136	ARIH2	0.0379642	0.661245	0.820178	-1.21925	0.0853943	0.425319	-2.35117	0.308262	1.60658	1.60658	0.575437	1.28967	1.28967	0.0651892	0.394277	-2.53629
cg22951641	ARIH2;C3orf71	0.0119015	0.833767	0.973315	-1.02742	0.000848223	1.90694	1.90694	0.0415142	1.35326	1.35326	0.106568	1.25456	1.25456	0.469809	0.909703	-1.09926
cg14784932	ARIH2;C3orf71	0.0259782	0.00377412	1.68279	1.68279	0.558593	0.924256	-1.08195	0.0697196	1.31008	1.31008	0.0492859	1.34824	1.34824	0.842103	1.02691	1.02691
cg21943842	ARIH2;C3orf71	0.03179	0.125347	1.44466	1.44466	0.805264	0.946694	-1.05631	0.0521114	1.63225	1.63225	0.0993047	1.49282	1.49282	0.0218923	0.543395	-1.84028
cg16240060	ARIH2;C3orf71	0.0499247	0.564169	1.12858	1.12858	0.0567	1.56446	1.56446	0.124672	0.708284	-1.41186	0.00591356	0.473735	-2.11088	0.593758	0.894305	-1.11819
cg17530247	ARIH2;C3orf71;C3orf71	0.000303463	0.000208461	0.23257	-4.29978	0.650522	0.898356	-1.11314	0.00169111	0.348413	-2.87015	0.00425975	0.407027	-2.45684	0.000654294	0.292979	-3.41322
cg09756482	ARIH2;C3orf71;C3orf71	0.0290695	0.210161	1.2216	1.2216	0.0255638	1.49498	1.49498	0.0651023	1.36878	1.36878	0.00315983	1.84289	1.84289	0.0284293	1.47998	1.47998
cg23903357	ARL1	0.00257413	0.036942	1.24162	1.24162	0.0780835	1.19107	1.19107	0.0467554	0.815996	-1.2255	0.236078	0.895034	-1.11728	0.788291	1.02433	1.02433
cg16558925	ARL10	0.00381521	0.0848331	0.695364	-1.4381	0.00561008	0.499954	-2.00019	0.281428	0.807822	-1.2379	0.777308	1.05554	1.05554	0.00014368	0.286803	-3.48672
cg15553598	ARL10	0.00596871	0.379114	0.784785	-1.27423	0.560156	1.17144	1.17144	0.561578	0.854155	-1.17075	0.492255	0.829174	-1.20602	0.000114936	0.162517	-6.1532
cg26929261	ARL10	0.00888983	0.00257741	0.545045	-1.83471	0.573178	0.920642	-1.0862	0.1017	1.29724	1.29724	0.0499904	0.722778	-1.38355	0.0574015	0.731848	-1.3664
cg08725962	ARL10	0.0120234	0.74554	0.850875	-1.17526	0.770283	0.86484	-1.15628	0.676064	0.811882	-1.23171	0.432058	0.671893	-1.48833	0.0876119	0.392543	-2.54749
cg18779601	ARL10	0.0138044	0.93783	0.976822	-1.02373	0.0327936	2.11853	2.11853	0.00231931	3.59288	3.59288	0.0567324	1.91232	1.91232	0.0487156	0.508261	-1.96749
cg27092035	ARL10	0.0212106	0.147439	0.751997	-1.32979	0.0306133	1.59325	1.59325	0.152308	1.32466	1.32466	0.0219067	0.603967	-1.65572	0.00481181	0.503616	-1.98564
cg26720389	ARL10;ARL10	0.0389538	0.600118	1.1728	1.1728	0.682844	1.13178	1.13178	0.00416395	0.31436	-3.18107	0.47308	0.802604	-1.24594	0.0817489	0.559194	-1.78829
cg24125767	ARL11	0.000809909	0.133995	1.3037	1.3037	0.000206679	0.360693	-2.77244	0.279532	0.831528	-1.20261	0.397623	0.867506	-1.15273	0.000108321	0.326397	-3.06375
cg11827082	ARL11	0.00125637	0.0784074	1.50007	1.50007	0.000313108	3.36035	3.36035	0.00156678	0.389719	-2.56595	0.100311	1.4527	1.4527	0.00496007	0.462272	-2.16323
cg08772163	ARL11	0.0185719	0.383116	0.671889	-1.48834	0.0123403	3.99596	3.99596	0.302545	0.62197	-1.60779	0.131193	0.484524	-2.06388	0.0745149	0.413369	-2.41915
cg09226461	ARL11	0.0294425	0.752778	0.956569	-1.0454	0.00356116	1.74184	1.74184	0.134345	1.25465	1.25465	0.0989747	1.28941	1.28941	0.773926	0.960337	-1.0413
cg01425731	ARL11;ARL11	0.00335854	0.0206415	0.587692	-1.70157	0.148335	1.34403	1.34403	0.00966006	0.535534	-1.86729	0.00120537	0.404842	-2.4701	0.0788894	0.689288	-1.45077
cg04822213	ARL13A;ARL13A;ARL13A	0.00359479	0.0355336	0.699318	-1.42996	0.000736428	0.472633	-2.11581	0.371635	0.874539	-1.14346	0.755386	0.955355	-1.04673	0.000437937	0.444005	-2.25222
cg22145512	ARL13A;ARL13A;ARL13A	0.0101228	0.637711	1.23676	1.23676	0.125423	0.475685	-2.10223	0.116506	0.465762	-2.14702	0.0951909	0.43983	-2.27361	0.01559	0.264855	-3.77565
cg16869809	ARL13A;ARL13A;ARL13A	0.011704	0.0336141	0.312838	-3.19655	0.0470648	0.345037	-2.89824	0.0125643	0.233777	-4.27757	0.0701708	0.387572	-2.58016	0.00825453	0.205619	-4.86337
cg25537319	ARL13A;ARL13A;ARL13A	0.041225	0.112239	2.01319	2.01319	0.207613	0.584106	-1.71202	0.0704952	0.441331	-2.26587	0.00738623	0.247408	-4.0419	0.0130765	0.287774	-3.47495
cg00272286	ARL13A;ARL13A;ARL13A;ARL13A;ARL13A;ARL13A	5.13E-05	1.02E-05	0.170145	-5.87734	0.271557	1.23915	1.23915	0.000705212	0.380126	-2.63071	0.000407309	0.349124	-2.86432	2.31E-05	0.204862	-4.88133
cg07204803	ARL13B;ARL13B	0.011637	0.0790001	1.58355	1.58355	0.000812726	0.304202	-3.28729	0.316482	0.783429	-1.27644	0.818101	0.947153	-1.0558	0.256432	1.32205	1.32205
cg21070272	ARL13B;ARL13B	0.0283138	0.12394	1.70188	1.70188	0.156739	0.616677	-1.62159	0.0566632	0.502315	-1.99078	0.913817	0.966039	-1.03515	0.0104557	0.357486	-2.79731
cg06660842	ARL13B;STX19;ARL13B	0.0403584	0.451798	1.2144	1.2144	0.10749	0.640735	-1.56071	0.0266311	0.51389	-1.94594	0.940421	0.981237	-1.01912	0.619384	1.13529	1.13529
cg24147596	ARL14	0.0120748	0.0689446	0.488303	-2.04791	0.062481	0.477877	-2.09259	0.216774	0.632722	-1.58047	0.00922533	0.312247	-3.20259	0.000511039	0.147914	-6.76068
cg11896170	ARL14;ARL14	0.0251213	0.764399	0.857412	-1.1663	0.136622	0.440106	-2.27218	0.0212382	0.242338	-4.12647	0.430831	0.662637	-1.50912	0.0244297	0.253512	-3.94459
cg15610472	ARL15	1.44E-06	1.59E-05	0.3486	-2.86862	0.528849	0.927313	-1.07838	9.79E-07	0.217824	-4.59086	4.09E-06	0.282665	-3.53775	0.0215149	0.721372	-1.38625
cg04530345	ARL15	3.33E-05	0.76538	1.04489	1.04489	0.0979309	0.766151	-1.30523	0.132103	0.787844	-1.26929	0.515923	1.10147	1.10147	3.21E-07	0.112557	-8.8844
cg13657106	ARL15	0.000263903	0.000127705	0.277473	-3.60396	0.498172	0.876075	-1.14145	0.00906766	0.528332	-1.89275	0.000587996	0.359967	-2.77803	0.00106788	0.394451	-2.53517
cg24630521	ARL15	0.00038465	0.020176	1.52728	1.52728	0.000179796	0.383455	-2.60787	0.000303982	0.411827	-2.4282	0.0254276	0.669325	-1.49404	0.282306	0.844618	-1.18397
cg15931233	ARL15	0.000710433	0.0184473	0.548054	-1.82464	0.495404	0.864472	-1.15677	0.472982	0.857649	-1.16598	0.12375	0.704179	-1.42009	3.81E-05	0.189673	-5.27224
cg02035603	ARL15	0.000766562	2.76E-05	0.196307	-5.09405	0.245755	0.787179	-1.27036	0.242893	1.27238	1.27238	0.693834	0.924975	-1.08111	0.00990559	0.526088	-1.90082
cg11791922	ARL15	0.00158761	0.00756797	0.374299	-2.67166	0.0270457	0.472974	-2.11428	0.000694339	0.227557	-4.3945	0.455831	0.804731	-1.24265	0.059273	0.543855	-1.83872
cg12401625	ARL15	0.00193204	0.497853	0.832985	-1.2005	0.0584489	0.566807	-1.76427	0.0568297	0.564185	-1.77247	0.108588	0.628293	-1.59161	9.55E-05	0.158118	-6.32437
cg09829457	ARL15	0.00285163	0.118961	0.779884	-1.28224	0.0132916	0.637189	-1.56939	0.00868666	0.611805	-1.63451	0.0010472	0.490383	-2.03922	0.0125839	0.633898	-1.57754
cg18857021	ARL15	0.00333071	0.0539519	0.66288	-1.50857	0.34552	1.20031	1.20031	0.815029	1.04503	1.04503	0.147905	1.33875	1.33875	0.293435	0.814798	-1.2273
cg03627261	ARL15	0.00505899	0.0588477	0.649158	-1.54046	0.991836	0.997931	-1.00207	0.282843	1.25352	1.25352	0.110108	1.42278	1.42278	0.00109645	0.377222	-2.65096
cg24065957	ARL15	0.00647945	0.00250863	0.319935	-3.12564	0.726443	0.909046	-1.10005	0.81581	1.0654	1.0654	0.00423506	0.353657	-2.8276	0.000686253	0.244718	-4.08633
cg02386665	ARL15	0.00772783	0.257409	0.701631	-1.42525	0.0229094	0.4422	-2.26142	0.0409196	0.492924	-2.02871	0.933446	1.02536	1.02536	0.0131609	2.51342	2.51342
cg22592108	ARL15	0.00870701	0.00818405	0.321643	-3.10904	0.0234227	0.403449	-2.47863	0.0963119	0.542199	-1.84434	0.182239	0.622147	-1.60734	0.00187749	0.228113	-4.3838
cg17844160	ARL15	0.0119454	0.0543627	0.72358	-1.38202	0.00355107	1.79602	1.79602	0.241254	1.19938	1.19938	0.0329591	1.44721	1.44721	0.0541212	1.38258	1.38258
cg03978682	ARL15	0.0124518	0.161741	1.21131	1.21131	0.0614944	1.31031	1.31031	0.146274	1.22151	1.22151	0.165707	0.827233	-1.20885	0.679696	1.05471	1.05471
cg14490286	ARL15	0.0145425	0.164008	0.770478	-1.2979	0.691511	1.07254	1.07254	0.0350994	0.649841	-1.53884	0.522304	1.12059	1.12059	0.00408968	1.96691	1.96691
cg23089673	ARL15	0.0173546	0.0680134	0.54778	-1.82555	0.0609293	0.536849	-1.86272	0.0737212	0.555945	-1.79874	0.840242	1.06124	1.06124	0.280535	0.718688	-1.39143
cg18581355	ARL15	0.0200613	0.190431	1.57414	1.57414	0.00773846	3.06295	3.06295	0.374021	1.34796	1.34796	0.996163	1.00157	1.00157	0.954075	1.01902	1.01902
cg24663090	ARL15	0.0242895	0.163948	0.582138	-1.71781	0.463312	1.31249	1.31249	0.0211596	0.364343	-2.74466	0.305588	0.679481	-1.47171	0.00139192	0.185005	-5.40527
cg19095981	ARL15	0.0287764	0.317925	1.57946	1.57946	0.163305	0.517472	-1.93247	0.00522493	0.195643	-5.11134	0.28479	0.611433	-1.6355	0.0022939	0.151484	-6.60137
ch.5.1024479R	ARL15	0.0366773	0.0327022	0.366691	-2.72709	0.759977	0.884248	-1.1309	0.018859	0.319196	-3.13287	0.266678	0.628391	-1.59137	0.0337955	0.36972	-2.70475
cg23019039	ARL15;MIR581	0.000432122	0.0948999	1.38749	1.38749	0.000161377	0.316788	-3.15668	0.00107445	0.422345	-2.36773	0.49072	1.13305	1.13305	6.29E-05	0.268527	-3.72403
cg14264380	ARL16;HGS	0.000994756	0.00540585	0.628492	-1.59111	0.511484	0.919005	-1.08813	0.5016	1.09036	1.09036	0.01884	0.697058	-1.4346	0.559516	0.927881	-1.07772
cg16549644	ARL16;HGS	0.00512662	0.0185883	0.14359	-6.96428	0.00361977	0.0686961	-14.5569	0.00559837	0.0842432	-11.8704	0.568651	0.675815	-1.47969	0.0191448	0.145426	-6.87635
cg12693135	ARL16;HGS	0.045596	0.966222	0.989076	-1.01104	0.626861	0.88067	-1.1355	0.734885	1.09216	1.09216	0.081999	0.606632	-1.64845	0.373409	0.78899	-1.26744
cg08543952	ARL16;HGS	0.0463622	0.0284442	0.590151	-1.69448	0.0113514	0.523931	-1.90865	0.603879	0.898758	-1.11265	0.319242	0.810657	-1.23357	0.117675	0.707149	-1.41413
cg03209459	ARL17A;LRRC37A2	0.0369113	0.0857962	0.393184	-2.54334	0.048732	0.330651	-3.02434	0.0205517	0.253659	-3.94229	0.699517	1.21007	1.21007	0.00853906	0.192081	-5.20614
cg10210354	ARL17A;LRRC37A;ARL17B	0.000675614	0.301773	0.823581	-1.21421	0.445463	0.868396	-1.15155	0.00463172	0.504889	-1.98063	0.108497	1.37387	1.37387	0.000219018	0.327004	-3.05806
cg26938474	ARL17B;ARL17A;ARL17A;ARL17B	0.00398061	0.0852346	0.798525	-1.25231	0.00085486	1.80815	1.80815	0.506814	0.923455	-1.08289	0.644177	1.05653	1.05653	0.00656098	0.658698	-1.51815
cg21520507	ARL1;ARL1	0.00398159	0.395777	1.26063	1.26063	0.282668	1.34623	1.34623	0.301859	1.32958	1.32958	0.171757	1.47321	1.47321	0.97353	1.00888	1.00888
cg12303232	ARL2	1.62E-05	0.0618507	0.850937	-1.17518	0.000326609	1.56162	1.56162	0.606911	0.960948	-1.04064	0.491366	1.05511	1.05511	0.0110432	0.782961	-1.2772
cg19393605	ARL2	0.000320211	0.295319	0.827301	-1.20875	0.461845	0.877348	-1.1398	0.0436474	0.666857	-1.49957	0.00384282	0.506316	-1.97505	0.000213213	0.339409	-2.9463
cg01191566	ARL2	0.000363315	0.00050308	0.241217	-4.14564	0.539254	0.850014	-1.17645	0.299164	0.754791	-1.32487	0.00336767	0.352509	-2.83681	0.000319973	0.21811	-4.58485
cg25998666	ARL2	0.000680885	5.83E-05	0.211888	-4.71948	0.0274108	0.580608	-1.72233	0.00326334	0.433587	-2.30634	0.779541	1.06022	1.06022	0.00159161	0.388985	-2.57079
cg19383577	ARL2BP	0.00255851	0.147737	0.887301	-1.12701	0.514552	0.950389	-1.0522	7.30E-05	1.74286	1.74286	0.0194286	1.24302	1.24302	0.132204	1.13325	1.13325
cg05825158	ARL2BP	0.0149207	0.0344858	0.616909	-1.62098	0.254132	1.26271	1.26271	0.118206	1.39414	1.39414	0.0982601	0.701019	-1.42649	0.44988	0.859998	-1.16279
cg26527793	ARL2BP	0.0170439	0.931217	0.981083	-1.01928	0.0149837	1.938	1.938	0.0129907	1.97767	1.97767	0.474438	1.17459	1.17459	0.028655	0.564918	-1.77017
cg00747160	ARL2BP	0.0244493	0.382157	1.15006	1.15006	0.00336688	0.536778	-1.86297	0.00467111	0.556154	-1.79806	0.635677	0.928259	-1.07729	0.26389	0.833878	-1.19922
cg27316828	ARL3	0.0179573	0.329703	0.573218	-1.74454	0.0255671	0.230474	-4.33888	0.00110786	0.0700018	-14.2854	0.125209	0.399267	-2.50459	0.0203472	0.212865	-4.69781
cg05024762	ARL3	0.0280581	0.0746137	0.604081	-1.65541	0.0154963	0.470661	-2.12467	0.00736229	0.4162	-2.40269	0.0322792	0.529254	-1.88945	0.00311985	0.358477	-2.78958
cg11287647	ARL4A;ARL4A	0.0207489	0.977352	0.984064	-1.01619	0.0199964	4.89756	4.89756	0.11391	2.64658	2.64658	0.0692277	3.15928	3.15928	0.00509557	0.123097	-8.12366
cg24092907	ARL4A;ARL4A;ARL4A	0.00317496	0.0745539	0.426424	-2.34508	0.000334646	0.0835476	-11.9692	0.0147654	0.276025	-3.62286	0.0848029	0.44142	-2.26541	0.231874	1.71253	1.71253
cg07227033	ARL4A;ARL4A;ARL4A	0.0032761	0.0911797	0.387257	-2.58227	0.0271007	3.79645	3.79645	0.675914	1.23909	1.23909	0.0080087	5.65592	5.65592	0.0238774	0.252953	-3.9533
cg14169521	ARL4A;ARL4A;ARL4A	0.00725128	0.00485609	0.596058	-1.67769	0.753453	1.04462	1.04462	0.291095	0.859174	-1.16391	0.0848782	1.30212	1.30212	0.0124197	0.649801	-1.53893
cg19539421	ARL4A;ARL4A;ARL4A	0.00972387	?	?	?	0.0510828	3.36882	3.36882	0.98739	0.991571	-1.0085	0.720873	0.825079	-1.21201	?	?	?
cg16544399	ARL4A;ARL4A;ARL4A	0.0120869	0.0219929	0.570471	-1.75294	0.0137033	1.86402	1.86402	0.0750454	1.49932	1.49932	0.00871134	0.505155	-1.97959	0.671288	1.09113	1.09113
cg00850453	ARL4A;ARL4A;ARL4A	0.0255825	0.920574	0.990576	-1.00951	0.051411	0.810142	-1.23435	0.113689	0.849258	-1.1775	0.278065	1.11302	1.11302	0.196741	1.13834	1.13834
cg07302938	ARL4A;ARL4A;ARL4A	0.0358275	0.242645	0.527782	-1.89472	0.0154935	0.21182	-4.721	0.193018	0.486759	-2.05441	0.0903846	0.377094	-2.65186	0.986523	1.00887	1.00887
cg12785342	ARL4A;ARL4A;ARL4A	0.0374933	0.171055	0.488709	-2.04621	0.00136365	0.101955	-9.80827	0.049595	0.332721	-3.00552	0.513687	0.722263	-1.38454	0.650055	1.25154	1.25154
cg21807944	ARL4A;ARL4A;ARL4A	0.042222	0.0554332	0.401433	-2.49108	0.0184398	0.300636	-3.32628	0.0165411	0.292035	-3.42424	0.537176	0.768977	-1.30043	0.382904	1.45671	1.45671
cg01709414	ARL4A;ARL4A;ARL4A;ARL4A	0.00147046	0.502269	1.07444	1.07444	0.0395476	1.28535	1.28535	0.679098	0.957084	-1.04484	0.0280425	1.31471	1.31471	0.786746	1.02901	1.02901
cg06415087	ARL4A;ARL4A;ARL4A;ARL4A;ARL4A	0.00135408	0.367869	1.14263	1.14263	0.000176636	0.399907	-2.50058	0.00851555	0.616314	-1.62255	0.748023	0.954601	-1.04756	0.518243	1.09902	1.09902
cg05308656	ARL4C	0.00207954	0.93103	0.964308	-1.03701	0.0107967	0.260676	-3.83618	0.237687	1.68092	1.68092	0.248062	1.66029	1.66029	0.000914226	0.124806	-8.01242
cg09935994	ARL4C	0.00291724	0.00343106	5.14926	5.14926	0.00144487	6.6732	6.6732	0.111372	2.04407	2.04407	0.0537429	2.46689	2.46689	0.67736	1.18827	1.18827
cg09453076	ARL4C	0.00930521	0.205758	2.85201	2.85201	0.384624	0.496645	-2.01351	0.0569975	5.42479	5.42479	0.148059	3.38143	3.38143	0.0265998	0.127026	-7.87241
cg12635044	ARL4C	0.0194201	0.116574	1.29625	1.29625	0.95852	0.992117	-1.00795	0.14067	0.785716	-1.27272	0.0825107	1.33997	1.33997	0.0217206	1.52086	1.52086
cg12726994	ARL4C	0.0289115	0.688438	1.06099	1.06099	0.0237162	0.672643	-1.48667	0.134851	1.26713	1.26713	0.23733	1.1994	1.1994	0.159985	1.24669	1.24669
cg04942334	ARL4C;ARL4C	0.00856264	0.213277	1.26577	1.26577	0.0113384	0.565462	-1.76846	0.138731	1.33188	1.33188	0.0630397	0.686588	-1.45648	0.590801	1.10253	1.10253
cg15016771	ARL4C;ARL4C	0.0103661	0.0178003	0.350688	-2.85154	0.0166962	0.345534	-2.89407	0.967353	0.985225	-1.015	0.392187	0.727008	-1.3755	0.0228642	0.371454	-2.69212
cg05204104	ARL4C;ARL4C	0.0126372	0.0143268	0.322534	-3.10045	0.00249382	0.207084	-4.82896	0.368768	0.707566	-1.4133	0.875932	0.943133	-1.0603	0.0478425	0.428351	-2.33454
cg24441922	ARL4C;ARL4C	0.015211	0.00467287	0.117621	-8.50189	0.0971461	0.354843	-2.81815	0.150396	0.415919	-2.40431	0.0545863	0.289115	-3.45883	0.0175582	0.193095	-5.17881
cg21460828	ARL4C;ARL4C	0.0345876	0.961418	0.990903	-1.00918	0.00810762	1.89732	1.89732	0.0573909	1.50091	1.50091	0.160628	0.75342	-1.32728	0.520773	0.884289	-1.13085
cg12842219	ARL4D	0.00126402	0.0541776	0.717899	-1.39295	0.0129238	1.59683	1.59683	0.975302	1.00471	1.00471	0.000192552	0.385873	-2.59153	0.343388	0.862397	-1.15956
cg21332495	ARL4D	0.0300024	0.847216	0.933076	-1.07172	0.00937487	3.26429	3.26429	0.00546633	3.71417	3.71417	0.373551	0.720344	-1.38823	0.797709	0.91189	-1.09662
cg14806146	ARL4D	0.0312723	0.924645	0.976486	-1.02408	0.0676137	0.597513	-1.6736	0.00668212	0.412715	-2.42298	0.1638	0.688161	-1.45315	0.708189	0.909765	-1.09918
cg01065373	ARL4D	0.0370202	0.131974	0.676069	-1.47914	0.0116818	2.13549	2.13549	0.101985	0.649881	-1.53874	?	?	?	?	?	?
cg02767470	ARL5A;ARL5A;ARL5A	0.0239471	0.466354	0.902076	-1.10855	0.00173312	1.86111	1.86111	0.00640688	1.63739	1.63739	0.398219	1.12778	1.12778	0.628307	0.934427	-1.07017
cg11016293	ARL5A;ARL5A;ARL5A;ARL5A	0.000849832	0.0221152	0.612288	-1.63322	0.000470457	0.374388	-2.67102	0.0341285	0.642745	-1.55583	0.0872684	0.713527	-1.40149	0.0108069	0.564186	-1.77246
cg06115318	ARL5B	0.0027708	0.997507	1.00049	1.00049	0.0973562	0.753045	-1.32794	0.000673556	0.444539	-2.24952	0.694316	0.940278	-1.06352	0.00530997	0.563976	-1.77313
cg12543821	ARL5B	0.00317937	0.0150072	0.510897	-1.95734	0.099931	0.667019	-1.49921	0.00381199	0.416287	-2.40219	0.295125	0.783583	-1.27619	0.000294623	0.265925	-3.76045
cg24705818	ARL5B	0.0208257	0.0179563	0.31131	-3.21223	0.0725976	0.443567	-2.25445	0.995308	1.00239	1.00239	0.247214	1.63394	1.63394	0.00280694	0.188087	-5.31669
cg17156983	ARL5B	0.0243971	0.0383291	0.208383	-4.79885	0.0164726	0.147359	-6.78614	0.0657488	0.259424	-3.85469	0.156075	0.370998	-2.69543	0.0119226	0.128679	-7.77126
cg16338816	ARL5B	0.036784	0.140046	2.00478	2.00478	0.414622	1.44098	1.44098	0.738409	1.15816	1.15816	0.667005	1.2088	1.2088	0.65244	1.21971	1.21971
cg20555674	ARL5C	3.71E-06	0.000105039	0.425711	-2.34901	0.000481969	1.97848	1.97848	6.16E-08	9.8933	9.8933	0.590024	0.93446	-1.07014	0.0366174	1.35344	1.35344
cg15790037	ARL5C	2.20E-05	0.458906	1.15959	1.15959	0.0360864	1.6138	1.6138	2.81E-07	19.5461	19.5461	0.0123869	1.84268	1.84268	0.0142724	0.552487	-1.81
cg26465214	ARL5C	0.000999929	0.100985	0.794991	-1.25788	0.238276	0.854039	-1.17091	3.62E-05	2.76382	2.76382	0.91561	1.01363	1.01363	0.00844883	1.53654	1.53654
cg16202734	ARL5C	0.0083057	0.65782	0.825121	-1.21194	0.0177608	3.46614	3.46614	0.00139724	7.3619	7.3619	0.0105186	4.00764	4.00764	0.384453	0.680762	-1.46894
cg02624690	ARL5C	0.0100165	0.0350078	0.495713	-2.0173	0.0342669	0.49383	-2.02499	0.00245394	0.300082	-3.33242	0.0442836	0.516841	-1.93483	0.0069072	0.36831	-2.7151
cg00808555	ARL5C	0.0233644	0.836105	0.946575	-1.05644	0.148572	0.663203	-1.50783	0.00582016	0.383963	-2.60442	0.740484	1.09209	1.09209	0.192886	0.694029	-1.44086
cg12658374	ARL5C	0.027172	0.417837	0.808842	-1.23633	0.224822	1.38638	1.38638	0.000719931	0.267476	-3.73865	0.96443	1.01149	1.01149	0.141439	0.666849	-1.49959
cg06120399	ARL5C	0.0310975	0.179674	1.56431	1.56431	0.0653108	1.91483	1.91483	0.213473	0.662777	-1.5088	0.106947	1.7377	1.7377	0.207838	0.659037	-1.51737
cg07330481	ARL5C;ARL5C	0.0115013	0.0161939	7.34263	7.34263	0.126252	3.06884	3.06884	0.500913	1.58893	1.58893	0.0168345	7.22068	7.22068	0.122552	3.10865	3.10865
cg00900933	ARL5C;ARL5C	0.047343	0.987642	0.992707	-1.00735	0.0505464	2.86639	2.86639	0.0613233	2.70828	2.70828	0.0637653	2.67737	2.67737	0.838418	0.908017	-1.1013
cg05777319	ARL6;ARL6	0.0117829	0.366044	1.13098	1.13098	0.0707956	1.30679	1.30679	0.000540185	0.490107	-2.04037	0.293745	1.15529	1.15529	0.230748	1.18132	1.18132
cg04246445	ARL6;ARL6	0.0156651	0.576779	1.04132	1.04132	0.316739	1.07717	1.07717	0.918238	1.0074	1.0074	0.0412448	1.18424	1.18424	0.00103809	1.41741	1.41741
cg25160554	ARL6;ARL6	0.0211763	0.00113697	0.0447025	-22.3701	0.931773	0.949192	-1.05353	?	?	?	?	?	?	?	?	?
cg02135728	ARL6;ARL6	0.0224963	0.00611616	0.217392	-4.59999	0.0482235	0.381803	-2.61915	0.164051	0.530825	-1.88386	0.935557	1.03509	1.03509	0.0139745	0.273981	-3.64989
cg27202466	ARL6;ARL6;ARL6;ARL6	0.000595589	0.000772517	0.115309	-8.67235	4.65E-05	0.0383138	-26.1002	0.660425	1.20638	1.20638	?	?	?	0.629962	1.22878	1.22878
cg17228833	ARL6IP1	0.00011414	0.389325	1.04281	1.04281	0.291381	1.0534	1.0534	4.51E-06	1.65043	1.65043	0.433445	1.03871	1.03871	0.000376116	1.31013	1.31013
cg07801681	ARL6IP1	0.00029164	0.056368	0.482103	-2.07425	0.000971165	5.67925	5.67925	0.027305	2.43096	2.43096	0.019703	0.382369	-2.61527	0.131893	0.57987	-1.72452
cg00981594	ARL6IP1	0.000372534	0.686452	0.916224	-1.09144	0.0289443	1.7423	1.7423	0.417597	0.836443	-1.19554	0.322001	1.2468	1.2468	0.138722	1.41004	1.41004
cg10094624	ARL6IP1	0.00725949	0.0448405	1.20076	1.20076	0.186062	0.894589	-1.11783	0.33431	0.923933	-1.08233	0.0102397	0.77324	-1.29326	0.234726	1.10402	1.10402
cg02027123	ARL6IP1	0.0494819	0.398863	0.691536	-1.44606	0.0138272	0.272748	-3.66638	0.136854	0.504429	-1.98244	0.639562	0.817568	-1.22314	0.013571	0.271353	-3.68524
cg26562417	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.000105905	2.04E-06	0.378024	-2.64534	0.0372638	1.2225	1.2225	0.0326913	1.23081	1.23081	0.492579	0.943734	-1.05962	0.381274	0.928095	-1.07748
cg00036328	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.00984263	0.00214417	0.626782	-1.59545	0.0511339	1.2721	1.2721	0.109342	1.20824	1.20824	0.816973	1.02544	1.02544	0.427846	0.916025	-1.09167
cg13596773	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.0193894	0.469944	0.881939	-1.13387	0.00925197	1.75859	1.75859	0.53747	1.11261	1.11261	0.24418	0.812017	-1.2315	0.186228	0.787018	-1.27062
cg02969798	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.0475756	0.247287	0.782139	-1.27855	0.601268	0.898434	-1.11305	0.0251925	0.582318	-1.71727	0.558163	0.886663	-1.12782	0.0219141	0.572045	-1.74811
cg19195609	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.0458152	0.791268	1.10987	1.10987	0.035583	2.6155	2.6155	0.410309	0.718273	-1.39223	0.484837	1.32178	1.32178	0.24059	0.617022	-1.62069
cg14078092	ARL6IP4;ARL6IP4;OGFOD2;ARL6IP4;ARL6IP4	1.87E-05	0.628828	0.953153	-1.04915	0.37358	1.09415	1.09415	0.00293558	0.668691	-1.49546	0.721846	1.03584	1.03584	5.54E-07	0.254968	-3.92206
cg17436506	ARL6IP4;ARL6IP4;OGFOD2;ARL6IP4;ARL6IP4	2.11E-05	0.000247193	0.352886	-2.83378	1.00E-06	0.109544	-9.12877	0.000612647	0.403255	-2.47982	1.38E-05	0.209698	-4.76877	0.000267379	0.357156	-2.7999
cg02203224	ARL6IP4;ARL6IP4;OGFOD2;ARL6IP4;ARL6IP4	0.0410692	0.0102775	0.359499	-2.78165	0.883044	0.954505	-1.04766	0.365587	1.34184	1.34184	0.800725	0.923115	-1.08329	0.033289	0.45523	-2.19669
cg19136632	ARL6IP5	0.00146701	0.00100813	0.0858495	-11.6483	0.240776	0.539095	-1.85496	0.00947197	0.19127	-5.2282	0.15382	0.463843	-2.1559	0.000610114	0.0701808	-14.2489
cg18156592	ARL6IP5	0.00268901	0.124425	1.79379	1.79379	0.00278758	4.25426	4.25426	0.0187781	2.71853	2.71853	0.614624	0.836675	-1.19521	0.997291	0.998808	-1.00119
cg21575951	ARL6IP5	0.0350382	0.141345	0.837464	-1.19408	0.00538239	0.663025	-1.50824	0.282382	0.882258	-1.13346	0.101397	0.817799	-1.22279	0.0318159	1.326	1.326

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06641503	0.168769	1.7831	1.7831	0.488368	0.757562	-1.32002	0.903655	0.95336	-1.04892	0.00185226	0.175018	-5.7137	6.96222	17.154	2.1901	1
cg23732483	0.170642	0.571484	-1.74983	0.0391393	0.40035	-2.49781	0.0814036	2.09745	2.09745	0.139078	0.543058	-1.84142	4.70684	10.9621	2.0702	1
cg02615136	0.0159827	0.265515	-3.76627	0.0246969	0.300477	-3.32804	0.665468	0.822367	-1.216	0.0085041	0.22094	-4.52611	3.75443	12.0179	2.84532	1
cg22951641	0.539495	0.923163	-1.08323	0.069823	0.770333	-1.29814	0.0691241	0.769712	-1.29919	0.764909	0.962138	-1.03935	5.58841	1.46602	0.233184	1
cg14784932	0.279659	1.16143	1.16143	0.0211362	0.691307	-1.44654	0.32798	1.14391	1.14391	0.182087	1.20754	1.20754	4.29933	1.2073	0.249611	1
cg21943842	0.031691	1.7481	1.7481	0.969745	1.00845	1.00845	0.218066	1.33286	1.33286	0.0149533	1.9417	1.9417	4.0033	3.11811	0.692342	1
cg16240060	0.369314	0.825879	-1.21083	0.0437057	0.618114	-1.61782	0.806234	1.05231	1.05231	0.635521	1.10414	1.10414	3.39007	2.31146	0.606074	1
cg17530247	0.00494773	0.416984	-2.39818	2.40E-05	0.138249	-7.23334	0.0347282	0.560727	-1.7834	0.00243251	0.370913	-2.69605	16.3985	14.3457	0.777613	1
cg09756482	0.523128	1.10306	1.10306	0.49573	0.900465	-1.11054	0.970834	0.994474	-1.00556	0.224833	0.824282	-1.21318	4.13273	1.50377	0.323439	1
cg23903357	0.133484	0.865402	-1.15553	0.00648917	0.729045	-1.37166	0.00316571	1.43349	1.43349	0.0013962	1.51214	1.51214	8.95465	1.13134	0.112303	1
cg16558925	0.0805021	0.691028	-1.44712	0.394273	1.18098	1.18098	0.53606	1.12689	1.12689	0.0124393	0.552674	-1.80938	7.9651	4.58482	0.511656	1
cg15553598	0.325043	0.761133	-1.31383	0.0457372	0.540556	-1.84995	0.0889167	1.65522	1.65522	0.663284	1.12486	1.12486	6.95037	7.94061	1.01553	1
cg26929261	0.0332969	0.696742	-1.43525	0.00157688	0.517271	-1.93322	0.0439156	0.714381	-1.39981	0.682509	0.942013	-1.06156	6.1363	2.05029	0.296999	1
cg08725962	0.752535	0.854817	-1.16984	0.00294855	7.57247	7.57247	0.0264593	3.68753	3.68753	0.00294997	7.57118	7.57118	5.56997	21.6966	3.46247	1
cg18779601	0.572271	1.18714	1.18714	0.0310742	0.467285	-2.14002	0.528983	0.825524	-1.21135	0.78075	0.91954	-1.0875	5.32444	7.6208	1.27226	1
cg27092035	0.105393	0.72296	-1.3832	0.7133	0.93457	-1.07001	0.313746	0.826096	-1.21051	0.557735	1.11484	1.11484	4.61129	2.45556	0.473343	1
cg26720389	0.00595139	0.338335	-2.95565	0.11154	0.59317	-1.68586	0.838358	0.940306	-1.06348	0.335948	0.741579	-1.34847	3.7192	5.34851	1.27829	1
cg24125767	0.184255	0.793634	-1.26003	0.000630311	0.422235	-2.36835	0.731264	0.944995	-1.05821	0.171815	0.787648	-1.2696	12.4887	5.32671	0.37913	1
cg11827082	0.39249	0.833852	-1.19925	0.0603384	1.55173	1.55173	0.0750884	1.5085	1.5085	0.442167	1.1765	1.1765	11.0262	7.51278	0.605649	1
cg08772163	0.51647	0.746404	-1.33976	0.00511081	5.18081	5.18081	0.0539598	2.64513	2.64513	0.876637	1.07151	1.07151	4.82404	15.104	2.78309	1
cg09226461	0.65113	1.06606	1.06606	0.15425	1.239	1.239	0.155746	0.807813	-1.23791	0.0345979	0.70735	-1.41373	4.11412	1.28664	0.277988	1
cg01425731	0.00319986	0.464204	-2.15423	0.727829	0.935545	-1.0689	0.122329	1.37618	1.37618	0.0048626	0.490662	-2.03806	8.27524	4.76611	0.511954	1
cg04822213	0.706185	1.05691	1.05691	0.00431319	0.572536	-1.74662	0.597255	1.08104	1.08104	0.181312	0.812703	-1.23046	8.10865	2.74278	0.30067	1
cg22145512	0.445215	0.705644	-1.41715	0.000412311	0.0811213	-12.3272	0.74261	1.15909	1.15909	0.00973156	0.231092	-4.32727	5.88758	18.7149	2.82552	1
cg16869809	0.257669	1.7386	1.7386	0.00307226	0.149902	-6.67101	0.944864	0.968135	-1.03291	0.0151202	0.247163	-4.04592	5.6188	19.5097	3.08641	1
cg25537319	0.531293	0.77368	-1.29252	0.582103	0.798599	-1.25219	0.112336	0.496836	-2.01274	0.122069	0.507586	-1.97011	3.64236	9.44507	2.30499	1
cg00272286	0.632755	0.913755	-1.09439	4.76E-05	0.238019	-4.20135	0.22361	0.78699	-1.27066	0.0155735	0.573666	-1.74317	26.4483	14.7019	0.494109	1
cg07204803	0.0516974	1.68519	1.68519	0.0513415	1.6869	1.6869	0.467255	0.840013	-1.19046	0.434098	0.828525	-1.20696	5.62925	4.95222	0.781982	1
cg21070272	0.0568876	0.502708	-1.98922	0.679267	1.1419	1.1419	0.0488957	2.04982	2.04982	0.152695	1.63042	1.63042	4.17137	6.72925	1.43396	1
cg06660842	0.245021	1.3609	1.3609	0.00371742	2.69961	2.69961	0.408548	1.23887	1.23887	0.934224	1.02114	1.02114	3.67105	3.7333	0.903961	1
cg24147596	0.592581	0.826769	-1.20953	0.0123694	0.333954	-2.99442	0.66098	0.85605	-1.16816	0.0546557	0.464084	-2.15478	5.56227	10.9268	1.74618	1
cg11896170	0.0660992	0.348144	-2.87237	0.00134014	0.0920386	-10.865	0.698499	0.819373	-1.22044	0.0309819	0.273554	-3.65558	4.3499	18.0464	3.68772	1
cg15610472	0.000618443	0.536195	-1.86499	2.48E-07	0.162048	-6.17099	0.483541	1.08787	1.08787	2.93E-06	0.26701	-3.74517	66.7511	14.79	0.19695	1
cg04530345	0.0108858	0.625598	-1.59847	0.0649559	1.35537	1.35537	0.695253	1.05946	1.05946	0.0308042	0.689268	-1.45081	29.6398	10.1054	0.303058	1
cg13657106	0.00154741	0.416495	-2.40099	0.00013738	0.281218	-3.55596	0.692577	0.926397	-1.07945	0.000162381	0.289873	-3.44979	17.0367	9.98767	0.521107	1
cg24630521	0.0503569	1.40096	1.40096	0.00256107	1.88181	1.88181	0.326205	1.16557	1.16557	0.0310082	0.681997	-1.46628	15.365	5.55943	0.321622	1
cg15931233	0.403774	0.835488	-1.19691	0.963783	0.990493	-1.0096	0.498078	1.1557	1.1557	0.000102022	0.235108	-4.25336	12.9571	9.08289	0.623109	1
cg02035603	0.0538574	0.649549	-1.53953	0.00337365	2.19445	2.19445	0.824265	0.957106	-1.04482	0.770624	0.944001	-1.05932	12.6835	7.80532	0.547015	1
cg11791922	0.0293509	0.479944	-2.08358	0.000173595	0.161506	-6.19173	0.216487	1.45063	1.45063	0.00345668	0.321245	-3.11289	10.3095	13.3586	1.15178	1
cg12401625	0.626467	0.877884	-1.1391	0.000854614	0.264419	-3.78187	0.107152	0.626887	-1.59518	0.00153167	0.297932	-3.35647	9.73943	10.876	0.992622	1
cg09829457	0.307728	0.856319	-1.16779	0.0865065	1.32072	1.32072	0.00617307	1.69001	1.69001	0.42264	0.886631	-1.12786	8.68784	2.96971	0.303843	1
cg18857021	0.708965	1.073	1.073	5.42E-05	0.24313	-4.11302	0.281248	0.810207	-1.23425	0.987181	1.00302	1.00302	8.29582	4.64036	0.49721	1
cg03627261	0.0426993	0.623494	-1.60386	0.0015976	0.399721	-2.50174	0.125391	1.39913	1.39913	0.68588	0.920966	-1.08582	7.31236	4.74836	0.57721	1
cg24065957	0.0191585	0.463225	-2.15878	0.331461	0.761829	-1.31263	0.0949816	0.607669	-1.64563	0.0552813	0.554403	-1.80374	6.77603	7.90986	1.03763	1
cg02386665	0.0231803	0.443181	-2.25641	0.00384187	3.2159	3.2159	0.147963	1.59254	1.59254	0.855561	0.946837	-1.05615	6.41354	9.13007	1.26539	1
cg22592108	0.0366975	0.443237	-2.25613	0.00087212	0.187507	-5.33312	0.495396	0.792901	-1.26119	0.103119	0.550088	-1.81789	6.17683	10.993	1.58197	1
cg17844160	0.237774	1.20115	1.20115	0.0193859	0.657717	-1.52041	0.119409	1.28459	1.28459	0.657922	0.936091	-1.06827	5.58175	1.94168	0.309211	1
cg03978682	0.955909	0.992931	-1.00712	0.00123875	0.545695	-1.83252	0.911424	0.985824	-1.01438	0.0150243	0.681465	-1.46743	5.50697	1.43568	0.231735	1
cg14490286	0.0103601	1.76288	1.76288	0.01644	1.6732	1.6732	0.893248	0.976702	-1.02385	0.646708	1.0844	1.0844	5.23396	2.55539	0.433984	1
cg23089673	0.000413039	0.191918	-5.21055	0.273249	0.714778	-1.39904	0.135506	0.622631	-1.60609	0.033852	0.482107	-2.07423	4.93525	6.7787	1.22091	1
cg18581355	0.33274	1.38674	1.38674	0.00313267	0.266666	-3.75001	0.187988	1.57857	1.57857	0.147844	0.601665	-1.66205	4.69968	7.9698	1.50739	1
cg24663090	0.0727979	0.482367	-2.07311	0.020563	0.361956	-2.76277	0.859144	0.937343	-1.06685	0.153682	0.573263	-1.7444	4.40107	9.24883	1.86799	1
cg19095981	0.992237	1.00432	1.00432	0.289733	0.614744	-1.62669	0.919656	1.04569	1.04569	0.872808	1.07352	1.07352	4.14756	12.8782	2.76	1
ch.5.1024479R	0.122747	0.511023	-1.95686	0.00854159	0.259989	-3.84632	0.0162146	0.30713	-3.25595	0.0379843	0.380671	-2.62694	3.80198	9.70465	2.26891	1
cg23019039	0.133866	1.3344	1.3344	0.832482	1.03852	1.03852	0.221681	0.795167	-1.2576	0.629214	0.916847	-1.09069	14.8796	7.50345	0.448248	1
cg14264380	2.17E-05	0.338712	-2.95236	0.00314649	0.599318	-1.66856	0.168105	0.830008	-1.20481	0.873617	1.0204	1.0204	11.7841	3.00275	0.226501	1
cg16549644	0.0551997	0.228028	-4.38543	0.00163173	0.0464584	-21.5246	0.00207124	0.0523709	-19.0946	0.0120344	0.11884	-8.41467	7.28274	53.3503	6.51163	1
cg12693135	0.00172377	0.313507	-3.18973	0.0750784	0.59802	-1.67218	0.973536	0.991433	-1.00864	0.223696	1.39316	1.39316	3.50818	3.738	0.947118	1
cg08543952	0.0468879	0.628805	-1.59032	0.0152971	0.544853	-1.83536	0.0216766	0.569985	-1.75443	0.0715269	0.66339	-1.50741	3.4863	2.29627	0.585471	1
cg03209459	0.308655	0.595695	-1.67871	0.0204203	0.253155	-3.95015	0.506705	1.39264	1.39264	0.0614241	0.354871	-2.81792	3.79318	14.521	3.40282	1
cg10210354	0.26505	0.809992	-1.23458	0.000905185	0.406316	-2.46114	0.974704	0.994264	-1.00577	0.000109468	0.290565	-3.44157	13.1408	6.85011	0.463366	1
cg26938474	0.00902805	0.675397	-1.48061	0.0230389	0.725134	-1.37906	0.103582	0.810195	-1.23427	0.215478	0.857142	-1.16667	7.864	1.74127	0.196821	1
cg21520507	0.798265	1.07059	1.07059	6.49E-05	0.141742	-7.05508	0.878063	1.04174	1.04174	0.386541	1.26667	1.26667	7.86341	8.83313	0.998506	1
cg12303232	3.09E-07	0.31726	-3.15199	0.191049	1.11212	1.11212	0.0208342	0.807746	-1.23801	0.235893	1.10004	1.10004	35.7991	3.34057	0.0829462	1
cg19393605	0.0373546	0.655681	-1.52513	9.34E-06	0.187949	-5.32061	0.602007	1.09627	1.09627	0.00738694	0.547179	-1.82755	16.159	7.8098	0.429609	1
cg01191566	0.00239138	0.330731	-3.02361	2.23E-05	0.108221	-9.24033	0.0864401	0.609477	-1.64075	0.00659714	0.397674	-2.51462	15.6082	16.8953	0.962188	1
cg25998666	0.167323	0.735861	-1.35895	0.000511469	0.322853	-3.09739	0.00202836	0.403803	-2.47645	0.0130752	0.526538	-1.8992	13.1122	9.01653	0.611238	1
cg19383577	0.0454254	1.19323	1.19323	0.320888	0.924077	-1.08216	0.741236	0.97481	-1.02584	0.305048	0.921483	-1.08521	8.97072	0.842127	0.0834445	1
cg05825158	0.0256631	0.595006	-1.68066	0.0260025	0.595966	-1.67795	0.0531583	0.650272	-1.53782	0.0152684	1.79233	1.79233	5.18979	3.15386	0.540183	1
cg26527793	0.973662	1.00733	1.00733	0.227129	0.7554	-1.3238	0.013828	0.510157	-1.96018	0.262522	0.772255	-1.29491	4.9652	3.84849	0.688972	1
cg00747160	0.971312	0.994406	-1.00563	0.0190742	0.642365	-1.55675	0.867263	0.974244	-1.02644	0.148155	0.785069	-1.27377	4.39108	1.69225	0.342563	1
cg27316828	0.227485	0.496139	-2.01556	0.00599257	0.137095	-7.29421	0.716799	0.817475	-1.22328	0.17812	0.453128	-2.20688	4.87902	23.6504	4.30877	1
cg05024762	0.123297	0.654631	-1.52758	0.165545	0.687047	-1.4555	0.325621	0.772911	-1.29381	0.21496	0.717999	-1.39276	4.18473	4.26896	0.906781	1
cg11287647	0.22481	2.05752	2.05752	0.566894	0.720686	-1.38757	0.0390468	3.86407	3.86407	0.481016	0.66675	-1.49981	4.64606	23.5642	4.50833	1
cg24092907	0.418826	1.42537	1.42537	0.000733536	0.11063	-9.03912	0.0808229	0.435756	-2.29486	0.336881	0.65389	-1.52931	8.41512	24.5336	2.59148	1
cg07227033	0.89511	0.934953	-1.06957	0.00269524	0.120731	-8.28289	0.0034616	7.56709	7.56709	0.292874	0.573267	-1.74439	8.33685	34.3295	3.66027	1
cg14169521	0.0201485	0.678205	-1.47448	0.0184191	0.67289	-1.48613	0.0548556	0.739568	-1.35214	0.0254033	1.44499	1.44499	6.54269	1.98907	0.270234	1
cg19539421	0.00169604	0.0782806	-12.7746	?	?	?	0.0387177	0.269217	-3.71447	0.111843	2.55933	2.55933	7.26352	21.5366	3.4592	1
cg16544399	0.248185	0.781431	-1.2797	0.888124	0.971653	-1.02917	0.336035	1.22466	1.22466	0.0198399	1.77637	1.77637	5.56046	3.67564	0.587583	1
cg00850453	0.54431	1.05999	1.05999	0.00127617	0.640168	-1.56209	0.144121	0.861599	-1.16063	0.641067	0.956405	-1.04558	4.32242	0.616983	0.12688	1
cg07302938	0.933589	0.957376	-1.04452	0.00120429	0.0838537	-11.9255	0.870154	0.918051	-1.08926	0.554615	0.731712	-1.36666	3.83452	16.5892	3.84558	1
cg12785342	0.851754	1.09626	1.09626	0.0534438	0.340394	-2.93777	0.375377	0.63959	-1.5635	0.600196	1.29667	1.29667	3.7716	14.4152	3.39737	1
cg21807944	0.57016	0.785644	-1.27284	0.00914471	0.248613	-4.02231	0.117308	0.4891	-2.04457	0.803456	1.11053	1.11053	3.61026	10.106	2.48823	1
cg01709414	0.412789	1.09231	1.09231	6.79E-05	0.463629	-2.1569	0.162025	1.1705	1.1705	0.00740169	1.43882	1.43882	10.5397	1.85592	0.156523	1
cg06415087	0.312719	1.16245	1.16245	0.000688324	2.11079	2.11079	0.655345	1.0669	1.0669	0.26195	0.844829	-1.18367	10.7923	3.55175	0.292533	1
cg05308656	0.13061	0.503874	-1.98462	0.00148974	6.84411	6.84411	0.0129077	3.65447	3.65447	0.218655	1.72154	1.72154	9.53288	26.6148	2.48169	1
cg09935994	0.0996393	2.1043	2.1043	0.000237472	12.3048	12.3048	0.0043082	4.8237	4.8237	0.0236448	3.04617	3.04617	8.62948	23.229	2.39273	1
cg09453076	0.931461	1.06987	1.06987	0.00155933	35.5123	35.5123	0.00911182	13.4804	13.4804	0.0402058	6.43115	6.43115	6.04795	59.0476	8.67843	1
cg12635044	0.292733	1.18069	1.18069	0.00154817	1.99913	1.99913	0.810239	0.964056	-1.03728	0.204963	0.815856	-1.22571	4.75176	1.74268	0.325994	1
cg12726994	0.0705138	1.34564	1.34564	0.00346565	1.79105	1.79105	0.903589	1.01796	1.01796	0.390927	0.878881	-1.13781	4.1407	1.41457	0.303668	1
cg04942334	0.00141161	0.435581	-2.29578	0.160021	1.30989	1.30989	0.0771157	1.42395	1.42395	0.329652	1.1983	1.1983	6.20959	3.18011	0.455226	1
cg15016771	0.40225	0.732146	-1.36585	0.000994328	0.168857	-5.92217	0.00308181	0.22917	-4.36357	0.151487	0.571816	-1.74882	5.84294	12.2405	1.86215	1
cg05204104	0.166472	0.57531	-1.73819	0.00554203	0.255188	-3.91867	0.00331275	0.223377	-4.47673	0.534344	0.789919	-1.26595	5.48053	12.1887	1.97689	1
cg24441922	0.172631	0.437794	-2.28418	0.00127721	0.0690216	-14.4882	0.0190125	0.198721	-5.03219	0.0803545	0.331584	-3.01583	5.15681	26.4504	4.55929	1
cg21460828	0.770194	1.0569	1.0569	0.0203504	0.589609	-1.69604	0.501475	0.879073	-1.13756	0.136782	1.35366	1.35366	3.88374	2.19535	0.50246	1
cg12842219	0.00359818	0.549989	-1.81822	0.0813381	1.34049	1.34049	0.0277556	1.48371	1.48371	0.0263885	0.670765	-1.49084	11.0071	4.01002	0.323832	1
cg21332495	0.261462	1.52277	1.52277	0.0768598	0.493341	-2.02699	0.210668	1.60583	1.60583	0.167569	1.69596	1.69596	4.08671	8.34673	1.81547	1
cg14806146	0.0111738	0.449416	-2.22511	0.00432566	0.383161	-2.60987	0.18873	0.704516	-1.41941	0.348969	0.784654	-1.27445	4.02684	4.03459	0.890598	1
cg01065373	0.0984713	1.54696	1.54696	0.18402	0.712257	-1.40399	0.453574	1.2018	1.2018	0.189341	1.39761	1.39761	3.92576	2.8034	0.816121	1
cg02767470	0.435881	0.895371	-1.11686	0.116624	1.26748	1.26748	0.209773	1.20174	1.20174	0.698776	1.05555	1.05555	4.42278	1.35392	0.272111	1
cg11016293	0.0266863	0.625338	-1.59913	7.88E-05	0.279096	-3.58299	0.000265526	0.342794	-2.91721	0.0184893	0.600029	-1.66658	12.3206	6.23658	0.449949	1
cg06115318	0.353228	0.861635	-1.16058	0.000259781	0.391922	-2.55153	0.760382	1.04885	1.04885	0.316202	1.17534	1.17534	8.7621	3.37309	0.34219	1
cg12543821	0.00665121	0.453371	-2.2057	0.00227482	0.383364	-2.60848	0.985405	1.00412	1.00412	0.0156891	0.514165	-1.9449	8.41164	6.72148	0.710284	1
cg24705818	0.0285451	0.350441	-2.85354	0.487006	0.750817	-1.33188	0.581818	1.25323	1.25323	0.0287753	0.351156	-2.84774	4.64021	12.1028	2.31844	1
cg17156983	0.0391186	0.210116	-4.75927	0.00317851	0.0718791	-13.9122	0.287004	0.48557	-2.05943	0.0266458	0.179686	-5.56527	4.39434	29.7169	6.01116	1
cg16338816	0.00303556	0.168749	-5.92598	0.0744117	0.418614	-2.38884	0.0832952	0.431746	-2.31617	0.23114	1.7337	1.7337	3.79796	11.5443	2.70187	1
cg20555674	0.0289742	1.37828	1.37828	0.526751	1.08321	1.08321	0.0936567	1.25829	1.25829	0.647698	1.05901	1.05901	52.4196	12.8934	0.218636	1
cg15790037	0.201438	1.30325	1.30325	0.0095154	0.524725	-1.90576	0.0570835	1.52601	1.52601	0.289531	1.2409	1.2409	33.0391	20.1699	0.542654	1
cg26465214	0.369734	0.888997	-1.12486	0.0716067	1.29299	1.29299	0.0042418	1.63052	1.63052	0.805498	0.968979	-1.03201	11.7668	3.04049	0.229686	1
cg16202734	0.0303351	2.99769	2.99769	0.706141	1.17744	1.17744	0.877074	1.06903	1.06903	0.00416622	5.23779	5.23779	6.26963	18.465	2.6179	1
cg02624690	0.25476	0.711992	-1.40451	0.0386393	0.504484	-1.98222	0.00144745	0.268515	-3.72419	0.0540462	0.535432	-1.86765	5.90751	7.6352	1.14885	1
cg00808555	0.192095	1.44191	1.44191	0.109881	0.630083	-1.58709	0.00272771	0.333976	-2.99422	0.0920974	0.61174	-1.63468	4.4606	4.96284	0.988972	1
cg12658374	0.711416	0.909173	-1.0999	0.680842	1.1118	1.1118	0.0599489	0.580516	-1.72261	0.379231	0.793617	-1.26005	4.23222	4.40122	0.924383	1
cg06120399	0.0297286	2.23288	2.23288	0.57352	1.19551	1.19551	0.0206619	0.416869	-2.39883	0.0572271	1.96487	1.96487	4.03491	6.29966	1.38781	1
cg07330481	0.0298184	5.65711	5.65711	0.000427966	43.771	43.771	0.0430058	4.84721	4.84721	0.046684	4.68264	4.68264	5.65065	41.1175	6.46809	1
cg00900933	0.043408	2.99735	2.99735	0.0166809	3.97922	3.97922	0.282052	0.589612	-1.69603	0.0294803	3.35869	3.35869	3.45892	12.2344	3.14405	1
cg05777319	0.139223	1.23483	1.23483	0.256349	0.854676	-1.17003	0.409867	0.894306	-1.11819	0.25929	1.1688	1.1688	5.60659	1.55988	0.247309	1
cg04246445	0.0791439	1.15026	1.15026	0.0310304	0.833749	-1.1994	0.399659	0.939957	-1.06388	0.696758	0.972266	-1.02852	5.10677	0.417163	0.0726118	1
cg25160554	0.225598	2.18317	2.18317	0.987266	0.990329	-1.00977	0.705221	1.26059	1.26059	0.83334	1.13694	1.13694	5.45585	20.9104	4.47143	1
cg02135728	0.382993	0.682794	-1.46457	0.00398971	0.191941	-5.20994	0.980741	1.01035	1.01035	0.0313234	0.340516	-2.93672	4.51918	13.0199	2.56091	1
cg27202466	0.113602	2.07642	2.07642	0.756754	1.14095	1.14095	0.278287	0.61974	-1.61358	0.00229925	0.163942	-6.09971	13.9417	35.3517	2.53568	1
cg17228833	0.000763568	0.784832	-1.27416	0.457099	0.964657	-1.03664	0.210328	1.06473	1.06473	0.145347	1.07713	1.07713	21.3701	0.764112	0.0317832	1
cg07801681	?	?	?	0.402675	1.32925	1.32925	0.245307	1.49963	1.49963	1.69E-05	27.4445	27.4445	21.4422	32.4061	1.32241	1
cg00981594	0.393277	1.20749	1.20749	0.0464979	0.611647	-1.63493	0.426919	0.839547	-1.19112	4.95E-06	9.44466	9.44466	15.501	11.4117	0.654394	1
cg10094624	0.417602	1.06803	1.06803	0.485644	1.05791	1.05791	0.134233	1.13691	1.13691	0.000607198	1.52175	1.52175	6.54037	0.653908	0.0888713	1
cg02027123	0.220888	0.577202	-1.7325	0.00944482	0.24543	-4.07448	0.390095	0.686546	-1.45657	0.0281118	0.330391	-3.02671	3.40157	9.82428	2.56726	1
cg26562417	0.215998	1.11427	1.11427	0.0024389	0.704337	-1.41978	0.134166	0.874397	-1.14364	0.298949	1.09358	1.09358	21.8032	2.38431	0.097205	1
cg00036328	0.535861	1.07029	1.07029	0.0082589	0.693509	-1.44194	0.434899	0.917297	-1.09016	0.0387587	1.29604	1.29604	5.94066	1.1046	0.16528	1
cg13596773	0.926535	0.984362	-1.01589	0.0018557	0.470028	-2.12753	0.646449	1.08213	1.08213	0.135474	0.759577	-1.31652	4.75431	2.19936	0.411202	1
cg02969798	0.31604	0.810126	-1.23438	0.00517363	0.472455	-2.1166	0.0154324	0.546782	-1.82888	0.46009	0.858326	-1.16506	3.45253	2.25615	0.580868	1
cg19195609	0.00908856	0.271792	-3.67928	0.100995	2.02562	2.02562	0.0999694	0.492427	-2.03076	0.488296	1.31877	1.31877	3.50188	8.56632	2.17441	1
cg14078092	0.38387	1.09194	1.09194	0.000196557	1.85265	1.85265	0.0100997	0.726354	-1.37674	0.00216419	0.654401	-1.52811	34.4649	5.29654	0.136604	1
cg17436506	0.000231753	0.34939	-2.86213	0.152995	0.768448	-1.30132	0.00777035	0.555292	-1.80085	0.000937447	0.427581	-2.33874	33.3818	15.6591	0.41697	1
cg02203224	0.102255	0.567993	-1.76059	0.101575	0.567237	-1.76293	0.00642641	0.325873	-3.06868	0.307462	0.715935	-1.39678	3.64746	5.7798	1.40854	1
cg19136632	0.16499	2.10686	2.10686	0.00119606	0.09175	-10.8992	0.0970018	2.50039	2.50039	0.0118635	0.205906	-4.85658	10.5469	42.2818	3.56351	1
cg18156592	0.00559237	3.5895	3.5895	0.0297376	2.45614	2.45614	0.000118073	10.6661	10.6661	0.303454	1.45409	1.45409	8.84004	17.2734	1.73688	1
cg21575951	0.147038	1.19067	1.19067	0.777027	1.03235	1.03235	0.839335	0.977492	-1.02303	0.213796	0.86347	-1.15812	3.8656	0.769941	0.177047	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15166900	ARL6IP5	0.0423006	0.212955	0.473295	-2.11285	0.0482656	0.276058	-3.62243	0.0023927	0.0895096	-11.172	0.149771	0.414507	-2.4125	0.0376776	0.252869	-3.95461
cg04645049	ARL6IP5	0.0429915	0.249338	0.742079	-1.34756	0.163387	1.44564	1.44564	0.00333107	2.69136	2.69136	0.0403563	1.79809	1.79809	0.624553	0.884965	-1.12999
cg24336531	ARL6IP5	0.0487944	0.44001	0.929113	-1.07629	0.0125186	1.33646	1.33646	0.136127	0.860763	-1.16176	0.264651	0.897139	-1.11465	0.0598585	1.21925	1.21925
cg11319362	ARL6IP5;ARL6IP5	0.00363906	0.345867	0.917682	-1.0897	0.804659	0.978311	-1.02217	0.0973224	1.17469	1.17469	0.00131465	0.661172	-1.51247	0.657912	1.04022	1.04022
cg07491444	ARL6IP6;ARL6IP6	0.00113728	0.0414126	0.52385	-1.90894	0.0179326	0.450423	-2.22013	?	?	?	0.0926065	0.603576	-1.65679	0.0034279	0.325117	-3.07582
cg18811157	ARL6IP6;ARL6IP6	0.00478171	0.470617	1.14584	1.14584	0.00357721	0.480968	-2.07914	0.000538324	0.368408	-2.71438	0.848417	0.965128	-1.03613	0.419257	1.16542	1.16542
cg20604927	ARL6IP6;ARL6IP6;ARL6IP6;PRPF40A	0.00397034	0.905792	1.02272	1.02272	0.00141503	0.416254	-2.40238	0.652793	1.08971	1.08971	0.0113904	0.548306	-1.8238	0.000431216	0.347675	-2.87625
cg24607545	ARL6IP6;ARL6IP6;ARL6IP6;PRPF40A	0.0417864	0.311114	1.16397	1.16397	0.497656	0.905055	-1.10491	0.0157489	1.53533	1.53533	0.00863316	1.62445	1.62445	0.0601246	1.35967	1.35967
cg09650414	ARL6IP6;ARL6IP6;PRPF40A	0.0436922	0.0147046	0.156327	-6.39685	0.852077	0.898869	-1.11251	0.408359	1.62703	1.62703	0.00834429	0.120619	-8.29056	0.0547143	0.271469	-3.68366
cg21163972	ARL8A	0.00148454	0.0982396	0.724326	-1.38059	0.352446	1.1855	1.1855	0.0990327	0.724979	-1.37935	0.0524871	0.675627	-1.48011	0.217893	0.794131	-1.25924
cg26808417	ARL8A	0.0179919	0.115591	0.733178	-1.36392	0.477914	1.13987	1.13987	0.0724068	1.43872	1.43872	0.569338	0.900913	-1.10999	0.0427921	0.65503	-1.52665
cg11418036	ARL8A	0.0244413	0.76435	1.05427	1.05427	0.143688	0.758684	-1.31807	0.407534	1.16059	1.16059	0.00671913	0.539094	-1.85496	0.407294	0.861564	-1.16068
cg13174898	ARL8A	0.0310613	0.838136	1.06075	1.06075	0.277799	1.38463	1.38463	0.00351763	3.13063	3.13063	0.0058029	2.83477	2.83477	0.261259	0.713315	-1.40191
cg11343086	ARL8A;ARL8A	0.00295567	0.0872393	0.867532	-1.15269	0.00102182	1.44261	1.44261	0.0759342	1.16025	1.16025	0.0396198	0.836039	-1.19612	0.314248	1.08147	1.08147
cg27261136	ARL8A;ARL8A	0.00321117	0.0856923	1.20843	1.20843	0.00536519	1.44117	1.44117	0.00706082	1.41487	1.41487	0.427446	0.922418	-1.08411	0.0616772	1.2334	1.2334
cg20850016	ARL8B	0.00210683	0.205791	0.829215	-1.20596	0.000905929	2.09312	2.09312	0.748837	1.04574	1.04574	0.00785437	1.63925	1.63925	0.0625052	0.742899	-1.34608
cg20730432	ARL8B	0.0477549	0.177852	1.36449	1.36449	0.362157	1.22544	1.22544	0.186884	1.35481	1.35481	0.630044	1.11109	1.11109	0.0427058	0.602677	-1.65926
cg04638014	ARL9	0.00114596	0.0371628	2.04987	2.04987	0.814573	1.07219	1.07219	0.0708749	0.549509	-1.81981	0.00097117	4.29049	4.29049	0.0479291	0.511257	-1.95596
cg10737307	ARL9	0.00193461	0.344644	1.21375	1.21375	0.000319422	0.313661	-3.18815	0.000609107	0.34955	-2.86082	0.0242066	0.585815	-1.70702	0.0790561	0.678382	-1.4741
cg09992215	ARL9	0.0473654	0.674335	0.936076	-1.06829	0.00463171	0.554994	-1.80182	0.0277176	0.665816	-1.50192	0.82133	0.965262	-1.03599	0.388051	1.1483	1.1483
cg00244517	ARL9;ARL9	0.015035	0.949538	0.981402	-1.01895	0.449477	0.79565	-1.25683	0.32618	0.74031	-1.35079	0.454544	1.25352	1.25352	0.525244	1.2104	1.2104
cg12927915	ARMC1	0.000753849	0.100554	0.754805	-1.32484	0.000384667	0.412305	-2.42539	0.000631343	0.439829	-2.27361	0.169953	0.795664	-1.25681	0.0752654	0.733653	-1.36304
cg11183445	ARMC1	0.0293881	0.126692	0.791831	-1.2629	0.0350064	1.41493	1.41493	0.00871928	1.60348	1.60348	0.242204	1.18879	1.18879	0.381016	1.13536	1.13536
cg15790073	ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;FBXL13;FBXL13;ARMC10;ARMC10;ARMC10;ARM	0.006656	0.839504	1.06569	1.06569	0.251065	1.50524	1.50524	0.00510864	0.118521	-8.43729	0.0225311	0.285908	-3.49763	?	?	?
cg26125131	ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;FBXL13;FBXL13;ARMC10;ARMC10;ARMC10;ARM	0.0199487	0.0392074	0.751585	-1.33052	0.125178	1.21974	1.21974	0.643171	1.05742	1.05742	0.0811873	0.793439	-1.26034	0.00932146	1.48398	1.48398
cg16716608	ARMC10;ARMC10;ARMC10;FBXL13;ARMC10;ARMC10;FBXL13;ARMC10	0.0375585	0.833307	0.979512	-1.02092	0.059968	0.81185	-1.23176	0.794593	0.974698	-1.02596	0.157537	1.16003	1.16003	0.0946447	1.19774	1.19774
cg01574381	ARMC10;ARMC10;FBXL13;ARMC10;FBXL13;ARMC10;ARMC10;FBXL13;ARMC10	0.00571058	0.525912	0.955986	-1.04604	0.000320199	1.50365	1.50365	0.54982	1.04329	1.04329	0.471658	0.950015	-1.05262	0.182745	1.10409	1.10409
cg13580096	ARMC1;ARMC1	0.00205943	0.0836633	1.26091	1.26091	0.0253736	1.37963	1.37963	0.302199	1.13818	1.13818	0.288909	0.875193	-1.1426	0.104694	0.806749	-1.23954
cg10706266	ARMC1;ARMC1	0.00269746	0.0130698	0.716376	-1.39592	0.0195919	1.35741	1.35741	0.465552	1.08379	1.08379	0.0103891	0.70493	-1.41858	0.902848	1.01332	1.01332
cg10697938	ARMC2	0.00096783	0.000924677	0.528668	-1.89154	0.000249836	0.459089	-2.17823	0.465317	1.10046	1.10046	0.000978182	0.531678	-1.88084	0.0650148	0.765731	-1.30594
cg22909677	ARMC2	0.00156223	0.0602615	0.619787	-1.61346	0.0131445	2.00201	2.00201	0.0137128	1.98975	1.98975	0.0718202	0.635262	-1.57415	0.000152321	0.23073	-4.33406
cg25127315	ARMC2	0.00192361	0.0412285	0.49329	-2.02721	0.0047666	3.07873	3.07873	0.179303	0.65177	-1.53428	0.0181363	0.422724	-2.36561	0.00310656	0.297029	-3.36667
ch.6.2134092F	ARMC2	0.00219641	0.0051523	0.411129	-2.43232	0.000137323	0.204612	-4.8873	0.00179726	0.343504	-2.91118	0.00387739	0.392225	-2.54956	0.0223589	0.517598	-1.932
cg07641548	ARMC2	0.00754811	0.114446	0.90519	-1.10474	0.721961	1.02095	1.02095	0.133323	1.09851	1.09851	0.167696	0.918221	-1.08906	0.210263	1.07961	1.07961
cg05315195	ARMC2	0.027598	0.0139941	0.342933	-2.91602	0.0113811	0.327184	-3.05638	0.0822155	0.507114	-1.97194	0.0636042	0.47927	-2.08651	0.00311391	0.240263	-4.16211
cg21125112	ARMC2	0.0358404	0.0719837	0.452467	-2.21011	0.215515	0.597662	-1.67319	0.0514617	0.416671	-2.39998	0.00333811	0.206541	-4.84166	0.00785576	0.260071	-3.8451
cg05748666	ARMC2	0.0370136	0.0124758	0.643558	-1.55386	0.505045	1.10065	1.10065	0.0235258	1.46745	1.46745	0.691213	0.944966	-1.05824	0.812379	0.966849	-1.03429
cg09154959	ARMC2	0.0389277	0.134866	0.476069	-2.10054	0.022797	0.285186	-3.50648	0.0165033	0.259566	-3.85258	0.125031	0.465544	-2.14803	0.0390483	0.332935	-3.00359
cg12785675	ARMC2;ARMC2	0.00350112	0.814684	1.01594	1.01594	0.000296064	1.48713	1.48713	0.0110122	1.23961	1.23961	0.805018	1.0168	1.0168	0.0337194	1.18177	1.18177
cg25383309	ARMC3	0.000119264	0.795555	0.920174	-1.08675	0.000505182	0.175228	-5.70686	0.000570352	0.180953	-5.52631	0.428229	0.771719	-1.29581	3.06E-05	0.0735519	-13.5958
cg11710969	ARMC3	0.000596074	0.075093	0.68151	-1.46733	0.000122726	0.273486	-3.6565	6.57E-05	0.242492	-4.12384	0.450091	0.861669	-1.16054	0.12606	0.72599	-1.37743
cg16500769	ARMC3	0.00353265	0.123822	0.820743	-1.21841	0.00280523	0.613821	-1.62914	0.0615841	0.779138	-1.28347	0.110435	0.813688	-1.22897	0.00295503	0.61652	-1.62201
cg19523082	ARMC3	0.00681291	0.534758	0.923679	-1.08263	0.00394116	1.63198	1.63198	0.269633	1.15624	1.15624	0.171013	1.20211	1.20211	0.0472008	1.33212	1.33212
cg19542987	ARMC3	0.00986791	0.0855826	0.445905	-2.24263	0.000306106	0.082741	-12.0859	0.00516639	0.20819	-4.8033	0.275144	0.617206	-1.6202	0.0127294	0.268288	-3.72734
cg08839858	ARMC3	0.0179802	0.038196	0.590797	-1.69263	0.527213	1.15067	1.15067	0.0684653	0.639648	-1.56336	0.311	0.794824	-1.25814	0.154681	0.716264	-1.39613
cg05270617	ARMC3	0.0205813	0.709696	1.20298	1.20298	0.637917	1.26398	1.26398	0.0783549	0.380441	-2.62853	0.316965	1.6674	1.6674	0.113579	0.427034	-2.34173
cg09220277	ARMC4	0.000120836	2.99E-05	0.460469	-2.1717	9.64E-05	0.517628	-1.93189	0.000382023	0.583671	-1.7133	0.00711373	1.39104	1.39104	0.224662	0.885967	-1.12871
cg20057782	ARMC4	0.00152204	0.001922	0.235641	-4.24375	0.000230881	0.133688	-7.48009	0.0097134	0.340724	-2.93493	0.00754394	0.322546	-3.10033	0.00713075	0.318592	-3.13881
cg20534596	ARMC4	0.00201686	0.586209	0.870836	-1.14832	0.0522478	1.74284	1.74284	0.84537	0.952056	-1.05036	0.0149647	0.471057	-2.12288	0.97358	0.991702	-1.00837
cg13892295	ARMC4	0.00413555	0.960193	1.00767	1.00767	0.779421	1.04393	1.04393	0.0804624	0.743152	-1.34562	0.692289	0.940917	-1.06279	0.3455	0.861783	-1.16039
cg08555772	ARMC4	0.00624376	0.070861	0.810337	-1.23405	0.107206	1.20108	1.20108	0.00110285	1.65076	1.65076	0.306852	0.895626	-1.11654	0.107185	0.832571	-1.2011
cg02512226	ARMC4	0.0078187	0.0789809	0.494099	-2.02389	0.00440523	3.95133	3.95133	0.410233	1.3558	1.3558	0.115733	1.85522	1.85522	0.00163457	0.195789	-5.10753
cg17862332	ARMC4	0.0133132	0.175097	0.747709	-1.33742	0.0219251	1.74071	1.74071	0.205325	1.30917	1.30917	0.0356314	0.610766	-1.63729	0.727523	0.931909	-1.07307
cg15146033	ARMC4	0.0181772	0.171185	0.619616	-1.6139	0.95764	0.982701	-1.0176	0.582803	0.833394	-1.19991	0.00040295	0.157497	-6.34934	0.0428133	0.464903	-2.15099
cg23696593	ARMC4	0.0447496	0.956536	1.02859	1.02859	0.187834	0.485803	-2.05845	0.0158951	0.217052	-4.60719	0.546551	1.37112	1.37112	0.75355	0.849659	-1.17694
cg09559324	ARMC5;ARMC5	0.000392007	0.490827	0.836708	-1.19516	0.908396	0.971104	-1.02976	0.216442	0.717957	-1.39284	0.768435	0.927548	-1.07811	0.48732	0.835462	-1.19694
cg26495393	ARMC5;ARMC5	0.000554007	0.00828933	0.426959	-2.34214	0.000513461	0.25481	-3.9245	0.205787	0.714239	-1.40009	0.00927551	0.434997	-2.29887	2.57E-05	0.122047	-8.19357
cg06112206	ARMC5;ARMC5	0.0006706	0.00313931	0.505782	-1.97714	0.815164	0.961239	-1.04032	0.0866635	0.726538	-1.37639	0.00273969	0.497588	-2.0097	0.000124843	0.32349	-3.09129
cg20222869	ARMC5;ARMC5	0.000976415	0.271272	0.852175	-1.17347	0.0818859	1.30901	1.30901	0.0531495	1.35916	1.35916	0.381444	1.13358	1.13358	0.0197156	0.674783	-1.48196
cg27369286	ARMC5;ARMC5	0.00317297	0.333055	0.876814	-1.14049	0.367192	1.12971	1.12971	0.181848	1.20512	1.20512	0.0411092	0.733249	-1.36379	0.973695	1.00435	1.00435
cg08587321	ARMC5;ARMC5	0.0092804	0.816422	0.920125	-1.08681	0.0698946	0.484056	-2.06588	0.0742841	0.490684	-2.03797	0.0233871	0.379205	-2.63709	0.000389624	0.132082	-7.57105
cg08509907	ARMC5;ARMC5	0.0106116	0.66883	1.10242	1.10242	0.236324	0.754897	-1.32468	0.000172532	0.235598	-4.24453	0.757102	0.932116	-1.07283	0.032266	0.566573	-1.765
cg01582974	ARMC5;ARMC5	0.0126369	0.928303	0.993418	-1.00663	0.00636875	1.29764	1.29764	0.0478204	1.18061	1.18061	0.370151	0.934701	-1.06986	0.594431	1.04022	1.04022
cg10451425	ARMC5;ARMC5	0.0146482	0.870802	0.975427	-1.02519	0.44189	1.12734	1.12734	0.184621	1.23996	1.23996	0.0710785	1.36098	1.36098	0.691027	1.06297	1.06297
cg07435237	ARMC5;ARMC5	0.0353866	0.0185258	0.305125	-3.27735	0.988594	1.00596	1.00596	0.09683	2.13315	2.13315	0.190401	0.561933	-1.77957	0.0737802	0.436735	-2.28972
cg05826330	ARMC5;ARMC5	0.0475324	0.177729	1.50642	1.50642	0.00279741	0.30773	-3.2496	0.408701	0.785264	-1.27346	0.371019	0.768915	-1.30053	0.0197245	0.446813	-2.23807
cg25371658	ARMC6	0.00871144	0.113048	0.722725	-1.38365	0.0827987	0.696503	-1.43574	0.00244027	0.451986	-2.21246	0.035689	0.631117	-1.58449	0.303409	0.818157	-1.22226
cg12195695	ARMC7	0.00388041	0.762242	0.968496	-1.03253	0.0142836	1.37542	1.37542	0.283502	1.12474	1.12474	0.50296	1.07435	1.07435	0.396293	0.912433	-1.09597
cg24534872	ARMC7	0.00537034	0.101747	0.492403	-2.03086	0.227252	0.605736	-1.65089	0.0144794	0.303766	-3.29201	0.0215793	0.335789	-2.97806	0.00464894	0.225656	-4.43153
cg23568552	ARMC7	0.00898072	0.699486	0.951599	-1.05086	0.216263	0.846678	-1.18109	0.863077	1.02232	1.02232	0.988306	1.00188	1.00188	0.0448699	0.744928	-1.34241
cg23660755	ARMC7	0.0263948	0.0410237	0.341925	-2.92461	0.348161	1.5521	1.5521	0.153993	0.499273	-2.00291	0.148736	0.494174	-2.02358	0.0350808	0.327112	-3.05706
cg08359099	ARMC7	0.0348503	0.0410923	0.715688	-1.39726	0.0211516	1.48205	1.48205	0.0931594	1.29971	1.29971	0.496856	0.906732	-1.10286	0.219811	0.832667	-1.20096
cg02186444	ARMC7	0.0473625	0.831684	0.91046	-1.09835	0.0159038	0.272151	-3.67443	0.0924848	0.442183	-2.26151	0.74674	0.866921	-1.15351	0.0780575	0.421943	-2.36999
cg01701002	ARMC7;ARMC7	0.0178325	?	?	?	0.0340074	0.170899	-5.85142	0.795998	1.20317	1.20317	0.00200187	0.0444281	-22.5083	?	?	?
cg26768532	ARMC8;ARMC8;ARMC8	9.43E-07	0.0560159	0.766479	-1.30467	0.00512342	0.634852	-1.57517	5.85E-06	0.286038	-3.49603	0.0931669	0.796977	-1.25474	1.59E-07	0.135143	-7.39958
cg05308617	ARMC8;ARMC8;ARMC8	3.80E-05	1.69E-05	0.279898	-3.57273	0.102635	1.29357	1.29357	0.123807	1.27155	1.27155	0.00230402	0.541245	-1.84759	4.75E-06	0.221093	-4.52299
cg27326819	ARMC8;ARMC8;ARMC8	0.000364033	0.162904	1.26652	1.26652	0.132801	0.773159	-1.2934	0.439337	0.882398	-1.13328	0.859897	0.972364	-1.02842	1.51E-05	0.241081	-4.14798
cg04554122	ARMC8;ARMC8;ARMC8	0.00342138	0.141484	0.677324	-1.4764	0.197708	1.39866	1.39866	0.528462	0.854386	-1.17043	0.746258	0.923111	-1.08329	0.000229469	0.221381	-4.5171
cg18030038	ARMC8;ARMC8;ARMC8	0.025631	0.0619531	0.753385	-1.32734	0.692073	0.947783	-1.05509	0.00162024	1.83805	1.83805	0.833486	1.02877	1.02877	0.611483	1.07145	1.07145
cg09886243	ARMC8;ARMC8;ARMC8	0.0262004	0.547151	0.935513	-1.06893	0.000895852	1.72299	1.72299	0.165276	1.17579	1.17579	0.19	0.859094	-1.16402	0.159159	0.848202	-1.17896
cg04489338	ARMC8;ARMC8;ARMC8	0.0271262	0.177969	0.710214	-1.40803	0.400728	1.2283	1.2283	0.117701	1.50106	1.50106	0.00676688	0.43208	-2.31439	0.0238255	0.524786	-1.90554
cg01519350	ARMC8;ARMC8;ARMC8;ARMC8;ARMC8;ARMC8	0.0300981	0.443617	1.07814	1.07814	0.0139202	0.746282	-1.33998	0.00406324	0.689653	-1.45	0.331126	0.907926	-1.10141	0.44738	0.928119	-1.07745
ch.2.4639917R	ARMC9	5.57E-05	0.000944775	0.294307	-3.39781	?	?	?	0.870301	0.962778	-1.03866	5.30E-05	0.142325	-7.02619	3.45E-05	0.124607	-8.02522
cg09604569	ARMC9	0.000211496	0.00485686	0.481397	-2.07729	1.81E-05	5.54535	5.54535	0.0145013	1.80327	1.80327	0.225323	1.28311	1.28311	0.269791	1.25227	1.25227
cg13004609	ARMC9	0.00181155	8.60E-05	0.339895	-2.94208	0.689356	1.06343	1.06343	0.74969	1.05021	1.05021	0.15409	0.791739	-1.26304	0.000917878	0.468548	-2.13425
cg26669825	ARMC9	0.00441138	0.000729991	0.21299	-4.69505	0.46605	1.25032	1.25032	0.280556	1.40185	1.40185	0.922978	1.02955	1.02955	0.0299713	0.463488	-2.15755
cg02457781	ARMC9	0.0144828	0.402856	0.786297	-1.27178	0.0292141	0.485988	-2.05767	0.0141784	0.427461	-2.33939	0.929648	0.975506	-1.02511	0.000402673	0.205931	-4.856
cg19577697	ARMC9	0.0183003	0.628721	0.905666	-1.10416	0.00804811	0.501383	-1.99448	0.724676	1.07456	1.07456	0.00788509	0.500004	-1.99999	0.025795	0.583712	-1.71318
cg14044375	ARMC9	0.0287043	0.0308596	0.368445	-2.71411	0.0169784	0.317727	-3.14736	0.0126412	0.294948	-3.39043	0.166627	0.559447	-1.78748	0.0144628	0.305172	-3.27684
cg04307282	ARMC9	0.0325989	0.62896	1.09779	1.09779	0.517403	1.13402	1.13402	0.58471	1.11155	1.11155	0.3219	1.21663	1.21663	0.985953	0.996632	-1.00338
cg26089280	ARMC9	0.037052	0.240805	0.853819	-1.17121	0.587678	1.07299	1.07299	0.141827	1.22541	1.22541	0.95797	1.00681	1.00681	0.222306	1.17947	1.17947
cg01885356	ARMC9	0.0393717	0.246809	0.512622	-1.95075	0.80826	0.874459	-1.14356	0.0311536	0.247692	-4.03727	0.177888	0.453858	-2.20333	0.00796375	0.153042	-6.53417
cg27168076	ARMC9	0.0412463	0.0685762	0.533649	-1.87389	0.44889	1.26836	1.26836	0.644158	0.866511	-1.15405	0.093978	0.56707	-1.76345	0.00317855	0.289049	-3.45962
cg19178570	ARMC9	0.047866	0.802768	0.968265	-1.03278	0.00812703	1.54751	1.54751	0.630109	1.06453	1.06453	0.436908	0.90285	-1.1076	0.8229	0.971526	-1.02931
cg04019098	ARMC9;ARMC9	0.00165152	0.358293	0.722205	-1.38465	0.319906	0.701801	-1.4249	0.683864	1.15148	1.15148	0.0258085	0.401753	-2.48909	0.000135573	0.102688	-9.73822
cg00040923	ARMCX1	0.00341266	0.0225977	0.406547	-2.45974	0.0162223	2.63592	2.63592	0.0381241	0.452797	-2.2085	0.994265	1.00237	1.00237	0.525679	0.808976	-1.23613
cg27254181	ARMCX1	0.00809768	0.151504	0.570836	-1.75182	0.000907955	0.16362	-6.11172	0.0163342	0.342643	-2.91849	0.754476	0.891851	-1.12126	0.00251587	0.216385	-4.6214
cg04033011	ARMCX1	0.0261063	0.313205	0.36846	-2.714	0.493662	0.514099	-1.94515	0.0440343	0.109176	-9.15952	0.130247	0.20924	-4.77921	0.0474548	0.114139	-8.76121
cg13204040	ARMCX2;ARMCX2	1.59E-05	9.03E-06	0.137277	-7.28456	0.000193832	0.273703	-3.65359	0.0497443	0.629799	-1.58781	0.00364553	0.443794	-2.2533	4.26E-06	0.111402	-8.97646
cg00291222	ARMCX2;ARMCX2	0.0267492	0.0217358	0.195139	-5.12456	0.0151129	0.170194	-5.87564	0.221034	0.466228	-2.14487	0.841979	0.888341	-1.12569	0.0178393	0.181201	-5.51872
cg10286829	ARMCX2;ARMCX2	0.0384324	0.00886652	0.269699	-3.70783	0.208898	1.65745	1.65745	0.415086	1.37198	1.37198	0.797678	0.907347	-1.10211	0.846119	1.0763	1.0763
cg16551468	ARMCX2;ARMCX2	0.038952	0.0728988	0.396276	-2.52349	0.0138395	0.244774	-4.08541	0.0534248	0.362362	-2.75967	0.723267	0.848315	-1.17881	0.0260712	0.294707	-3.3932
cg05532720	ARMCX3;ARMCX3;ARMCX3	0.0132715	0.0647822	3.45232	3.45232	0.122368	0.367817	-2.71874	0.0967658	0.336526	-2.97154	0.267089	0.501228	-1.9951	0.00505209	0.109171	-9.15994
cg01118900	ARMCX4	0.000833404	0.000416085	0.344574	-2.90213	0.714944	0.93258	-1.07229	0.00570128	0.50163	-1.9935	0.890877	0.974217	-1.02647	0.000203803	0.305782	-3.2703
cg21729235	ARMCX4	0.00263125	0.0243819	0.519132	-1.92629	0.0198013	0.502766	-1.989	0.764334	0.929156	-1.07624	0.0131138	0.471494	-2.12092	0.0034929	0.379673	-2.63385
cg21730821	ARMCX4	0.0235223	0.0451336	0.281071	-3.55782	0.206225	0.478955	-2.08788	0.126769	0.40175	-2.48911	0.104808	0.375784	-2.66111	0.00326068	0.109195	-9.15796
cg13484245	ARMCX4	0.0413812	0.0905408	0.435698	-2.29517	0.00127756	0.123359	-8.10642	0.19344	0.541696	-1.84606	0.683751	1.20016	1.20016	0.621495	0.801145	-1.24821
cg17332295	ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5	1.60E-07	0.00303027	0.637655	-1.56825	0.0483274	0.778901	-1.28386	3.25E-05	0.408752	-2.44647	0.5008	1.07862	1.07862	1.41E-08	0.0856998	-11.6686
cg00609239	ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5	0.00506283	0.00199924	0.204709	-4.88499	0.222483	0.627427	-1.59381	0.00236474	0.214013	-4.67262	0.803554	0.913366	-1.09485	0.00275356	0.222696	-4.49043
cg06717971	ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5	0.0103694	0.0057399	0.247679	-4.03749	0.00726806	0.263266	-3.79843	0.00594477	0.24995	-4.0008	0.0737612	0.463816	-2.15603	0.0040294	0.225601	-4.43261
cg17935021	ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5	0.0261216	0.00530474	0.0374037	-26.7353	0.0325737	0.11161	-8.95973	0.0827164	0.188366	-5.30882	0.463232	0.527231	-1.8967	0.047582	0.138245	-7.23351
cg14053556	ARMCX6;ARMCX6	0.000292069	0.000616387	0.383172	-2.60979	0.267233	1.23405	1.23405	0.00213507	0.456101	-2.1925	0.00139106	0.430444	-2.32318	1.69E-05	0.200411	-4.98976
cg19050914	ARMCX6;ARMCX6	0.0153783	0.0264894	0.207233	-4.82549	0.628323	1.33891	1.33891	0.0602171	0.281351	-3.55428	0.130047	0.375909	-2.66022	0.0088031	0.135906	-7.358
cg24884230	ARMS2	0.00595621	0.120704	1.4151	1.4151	0.00738767	0.49062	-2.03824	0.0150649	0.539929	-1.8521	0.513362	1.14654	1.14654	0.205333	1.3174	1.3174
cg24296920	ARMS2	0.0364792	0.0324912	0.391052	-2.5572	0.0957458	0.503405	-1.98647	0.125086	0.536462	-1.86407	0.072207	0.471109	-2.12265	0.033611	0.394161	-2.53703
cg01044693	ARNT2	0.00118942	0.00539657	0.718928	-1.39096	0.0416502	1.23565	1.23565	0.0141578	1.31356	1.31356	0.0252276	0.786813	-1.27095	0.0731574	0.835232	-1.19727
cg07935500	ARNT2	0.00173023	0.433391	0.846344	-1.18155	0.26728	1.27275	1.27275	0.74633	1.07008	1.07008	0.267061	1.2729	1.2729	0.00889689	0.499238	-2.00305
cg02927074	ARNT2	0.00218717	0.487985	1.17063	1.17063	0.0544751	1.62883	1.62883	0.106223	1.4836	1.4836	0.000741692	3.14364	3.14364	0.45946	1.18343	1.18343
cg17431345	ARNT2	0.0126786	0.754	0.850047	-1.17641	0.0024484	8.83281	8.83281	0.00698486	6.06869	6.06869	0.0110798	0.192775	-5.1874	0.749591	1.17998	1.17998
cg20081969	ARNT2	0.0135926	?	?	?	0.323239	1.70937	1.70937	0.178455	2.13625	2.13625	0.281498	0.554626	-1.80302	0.795722	0.87385	-1.14436
cg17788682	ARNT2	0.0189251	0.61112	1.09441	1.09441	0.150584	1.31135	1.31135	0.208053	1.26304	1.26304	0.559419	0.901365	-1.10943	0.189706	1.27683	1.27683
cg19708986	ARNT2	0.0260926	0.0288347	3.03242	3.03242	0.0196718	3.36281	3.36281	0.0500259	2.61647	2.61647	0.199582	1.79193	1.79193	0.0766092	2.33426	2.33426
cg27665327	ARNT2	0.0273814	0.646201	1.17101	1.17101	0.899376	1.04415	1.04415	0.320845	1.41952	1.41952	0.928956	0.970002	-1.03093	0.0111064	0.337087	-2.96659
cg27332878	ARNT2	0.0377319	0.00832197	0.221657	-4.51147	0.0207905	0.288483	-3.46641	0.0777464	0.41657	-2.40056	0.242785	0.579244	-1.72639	0.0839011	0.425536	-2.34998
cg00360077	ARNT2	0.04256	0.0558753	0.592203	-1.68861	0.0522313	1.7058	1.7058	0.345148	1.26513	1.26513	0.0940277	0.640621	-1.56099	0.0184904	0.501062	-1.99576
cg20511489	ARNT2	0.0497028	0.0579753	2.181	2.181	0.104267	1.90823	1.90823	0.0226884	0.370642	-2.69802	0.101592	1.91967	1.91967	0.610458	1.20554	1.20554
cg21348997	ARNT2;ARNT2	0.0452985	0.726879	1.04857	1.04857	0.626747	0.935867	-1.06853	0.39016	0.887725	-1.12647	0.413618	1.11967	1.11967	0.363755	0.881408	-1.13455
cg17942553	ARNT;ARNT;ARNT	6.40E-05	0.00160448	0.539424	-1.85383	0.918757	1.01401	1.01401	1.71E-05	0.300283	-3.33019	0.0453934	0.73122	-1.36758	3.71E-06	0.228622	-4.37404

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15166900	0.170713	0.435201	-2.29779	0.0417411	0.262218	-3.81362	0.173292	0.437655	-2.28491	0.0391094	0.256236	-3.90266	3.60777	18.5836	4.57867	1
cg04645049	0.373797	0.797565	-1.25382	0.401058	0.808194	-1.23733	0.47575	0.835543	-1.19683	0.361242	1.26179	1.26179	3.58612	3.48637	0.864165	1
cg24336531	0.354616	0.914927	-1.09298	0.0614315	0.821412	-1.21742	0.863733	0.98409	-1.01617	0.188885	1.13878	1.13878	3.41966	0.472097	0.122714	1
cg11319362	0.00973322	1.33555	1.33555	0.000959531	0.647113	-1.54532	0.10651	0.855593	-1.16878	0.806994	0.978574	-1.0219	8.07896	1.00192	0.110236	1
cg07491444	7.53E-05	0.117957	-8.47766	0.0603882	1.78608	1.78608	0.363333	1.28677	1.28677	0.160306	1.50273	1.50273	14.0515	13.9881	0.871054	1
cg18811157	0.340201	1.20001	1.20001	0.010096	1.82594	1.82594	0.901351	1.02327	1.02327	0.664198	0.922173	-1.0844	7.43915	4.05387	0.484388	1
cg20604927	0.0196426	0.585806	-1.70705	0.663538	1.08659	1.08659	0.745178	0.940006	-1.06382	0.372096	1.18988	1.18988	7.87012	4.4863	0.506704	1
cg24607545	0.941863	0.989488	-1.01062	0.0138572	1.55365	1.55365	0.227908	1.20127	1.20127	0.944962	0.990047	-1.01005	3.62417	1.20498	0.295541	1
cg09650414	0.912318	0.93904	-1.06492	?	?	?	0.222838	2.10566	2.10566	0.982419	1.01266	1.01266	4.40454	19.2497	3.27782	1
cg21163972	0.754876	0.945825	-1.05728	0.09479	1.38613	1.38613	2.63E-05	0.227927	-4.38736	0.0272932	0.628456	-1.5912	10.5109	5.2647	0.445227	1
cg26808417	0.307276	1.21138	1.21138	0.00177559	0.446005	-2.24213	0.0499675	0.666571	-1.50021	0.136244	0.747302	-1.33815	4.87586	2.54227	0.463466	1
cg11418036	0.0160045	0.5955	-1.67926	0.0152496	0.59228	-1.68839	0.124364	0.746406	-1.33975	0.110939	1.357	1.357	4.39158	2.14917	0.435008	1
cg13174898	0.05125	1.89661	1.89661	0.278046	1.38438	1.38438	0.361463	1.31062	1.31062	0.14123	1.57813	1.57813	4.03658	5.31565	1.17055	1
cg11343086	0.78935	1.02036	1.02036	0.00103685	0.693779	-1.44138	0.0792486	1.15793	1.15793	0.736556	1.02574	1.02574	8.59605	0.771055	0.0797322	1
cg27261136	0.328323	0.904328	-1.10579	0.00529637	0.693273	-1.44243	0.169278	0.864198	-1.15714	0.00293383	1.50266	1.50266	8.38674	1.31956	0.139857	1
cg20850016	0.447707	1.11405	1.11405	0.00215438	0.530468	-1.88513	0.00332832	1.79502	1.79502	0.877072	0.978687	-1.02178	11.3061	3.39475	0.233535	1
cg20730432	0.0869791	0.663486	-1.50719	0.0238162	0.556852	-1.79581	0.179651	1.36252	1.36252	0.0972238	0.673645	-1.48446	3.44763	2.57237	0.663225	1
cg04638014	0.143861	0.627588	-1.5934	0.00359571	0.310486	-3.22076	0.000431822	0.191711	-5.21618	0.113378	0.599819	-1.66717	11.3196	15.7794	1.2391	1
cg10737307	0.0336822	0.610393	-1.63829	0.0282864	1.6742	1.6742	0.573146	0.892886	-1.11996	0.103967	0.702025	-1.42445	9.73567	6.10648	0.557535	1
cg09992215	0.762179	0.953668	-1.04858	0.196892	1.23769	1.23769	0.883099	0.977265	-1.02326	0.109865	1.31313	1.31313	3.4583	1.33813	0.343941	1
cg00244517	0.102226	0.588321	-1.69975	0.0683393	0.545887	-1.83188	0.0002787	0.171424	-5.83348	0.307458	0.730985	-1.36802	5.17671	7.21339	1.23861	1
cg12927915	0.000555686	0.432697	-2.31109	0.000581355	0.435217	-2.29771	0.0395003	1.45121	1.45121	0.0566538	0.713642	-1.40126	12.7432	4.93522	0.344251	1
cg11183445	0.968962	1.00551	1.00551	0.052306	0.73211	-1.36591	0.131496	1.25865	1.25865	0.140286	0.799191	-1.25126	4.11681	1.3015	0.281016	1
cg15790073	0.00234469	0.0614775	-16.2661	?	?	?	0.0106361	5.19224	5.19224	0.0371196	2.81194	2.81194	36.5688	35.4229	0.415142	1
cg26125131	0.953485	0.993043	-1.00701	0.230325	0.860179	-1.16255	0.267395	0.870856	-1.1483	0.0120618	1.45448	1.45448	4.70867	1.06819	0.201649	1
cg16716608	0.311812	1.10824	1.10824	0.185082	1.14803	1.14803	0.00275314	1.50045	1.50045	0.124121	1.17769	1.17769	3.7692	0.575915	0.135818	1
cg01574381	0.0837776	0.874571	-1.14342	0.0777139	0.871697	-1.14719	0.284649	0.925114	-1.08095	0.0158516	1.22992	1.22992	7.04571	0.547341	0.0690527	1
cg13580096	0.327241	0.884733	-1.13028	0.015338	0.697417	-1.43386	0.00019049	2.14147	2.14147	0.00906513	1.49422	1.49422	9.55994	2.22021	0.206437	1
cg10706266	0.00016737	0.499431	-2.00228	0.045746	0.780251	-1.28164	0.983603	0.997776	-1.00223	0.654926	0.95243	-1.04995	8.83185	1.64196	0.165256	1
cg10697938	0.0487234	1.33645	1.33645	0.0973532	0.791062	-1.26412	0.0752373	0.774764	-1.29072	0.0768185	1.28856	1.28856	11.8761	3.12186	0.233662	1
cg22909677	0.449704	1.18992	1.18992	0.0408665	1.70376	1.70376	0.921174	1.0226	1.0226	0.0812661	0.646428	-1.54696	10.3576	8.35974	0.717434	1
cg25127315	0.0293161	0.462837	-2.16059	0.00097117	0.229204	-4.36292	0.0402005	2.03677	2.03677	0.824486	0.935517	-1.06893	9.75183	13.9083	1.26775	1
ch.6.2134092F	0.360887	0.797721	-1.25357	0.00626203	0.424395	-2.35629	0.0749374	0.620511	-1.61157	0.142264	0.68416	-1.46165	9.38177	8.60205	0.815013	1
cg07641548	0.696662	1.02299	1.02299	0.000860164	0.748	-1.3369	0.0888464	0.896831	-1.11504	0.00838	1.21582	1.21582	6.46105	0.344454	0.0473888	1
cg05315195	0.0766274	0.499302	-2.00279	0.897455	1.04652	1.04652	0.83345	0.92843	-1.07709	0.511385	0.790655	-1.26477	4.20915	8.29105	1.7509	1
cg21125112	0.0761944	0.45885	-2.17936	0.889445	1.05645	1.05645	0.636306	0.828547	-1.20693	0.137441	0.531704	-1.88075	3.83401	9.46717	2.1949	1
cg05748666	0.538385	0.915464	-1.09234	0.0200648	0.671833	-1.48846	0.901133	1.01778	1.01778	0.106395	1.28401	1.28401	3.78935	1.20644	0.283002	1
cg09154959	0.201623	0.537477	-1.86055	0.00339944	0.159878	-6.25477	0.0744344	0.400458	-2.49714	0.215374	0.548576	-1.8229	3.72012	12.4909	2.98458	1
cg12785675	0.401781	0.943844	-1.0595	0.0161637	0.820229	-1.21917	0.0776495	0.876272	-1.1412	0.483196	1.04916	1.04916	8.17303	0.587116	0.0638541	1
cg25383309	0.00100811	0.209402	-4.7755	2.52E-05	0.068515	-14.5953	0.36108	0.74022	-1.35095	0.000674409	0.189052	-5.28955	21.1199	34.3364	1.44514	1
cg11710969	0.000752427	0.372042	-2.68787	0.00233237	0.439437	-2.27564	0.0149043	0.560306	-1.78474	0.0370984	0.626092	-1.59721	13.6088	8.0665	0.526883	1
cg16500769	0.0371715	0.750706	-1.33208	0.00350814	1.59891	1.59891	0.111909	1.22775	1.22775	0.719589	0.958171	-1.04366	8.15112	1.81356	0.197771	1
cg19523082	0.0174365	1.44124	1.44124	0.000969422	1.85915	1.85915	0.189597	0.839063	-1.19181	0.0127095	1.47854	1.47854	6.67118	1.685	0.224515	1
cg19542987	0.156314	0.524915	-1.90507	0.356785	0.668429	-1.49604	0.355416	0.667619	-1.49786	0.364037	0.672702	-1.48654	5.9358	16.9822	2.54309	1
cg08839858	0.185163	0.735035	-1.36048	0.000505358	0.303973	-3.28976	0.723811	1.08083	1.08083	0.638437	1.10925	1.10925	4.87693	3.70693	0.675639	1
cg05270617	0.968712	0.980802	-1.01957	0.000676903	0.0766938	-13.0389	0.185538	2.0013	2.0013	0.980664	1.01205	1.01205	4.65893	18.0221	3.43848	1
cg09220277	0.000252185	0.563912	-1.77333	0.0252331	0.776767	-1.28739	0.123617	0.853576	-1.17154	0.912102	0.989572	-1.01054	21.0458	3.00379	0.126868	1
cg20057782	0.0537912	0.486403	-2.05591	0.000628395	0.177267	-5.64121	0.718603	1.12648	1.12648	0.0257985	0.418409	-2.39	10.4357	17.9054	1.52514	1
cg20534596	0.00753754	0.42099	-2.37535	6.43E-05	0.157468	-6.35048	0.253647	0.740844	-1.34981	0.400872	1.24155	1.24155	9.61834	9.64459	0.891314	1
cg13892295	0.143536	0.786121	-1.27207	4.38E-05	0.305232	-3.2762	0.724712	0.947304	-1.05563	0.10819	0.764658	-1.30777	7.77393	2.88612	0.330006	1
cg08555772	0.0518961	1.25922	1.25922	0.0075735	0.699109	-1.43039	0.382371	0.910875	-1.09785	0.703926	1.04059	1.04059	6.85427	1.17871	0.15286	1
cg02512226	0.22529	1.58458	1.58458	0.0420074	2.33256	2.33256	0.785404	1.10368	1.10368	0.679112	1.16225	1.16225	6.39004	13.2221	1.83927	1
cg17862332	0.711695	1.07771	1.07771	0.000962696	0.371176	-2.69414	0.428773	0.849711	-1.17687	0.387826	0.83657	-1.19536	5.38805	3.46844	0.572203	1
cg15146033	0.124708	0.579233	-1.72642	0.0577857	0.494236	-2.02333	0.103608	0.557241	-1.79456	0.065284	0.50671	-1.97352	4.85909	8.30581	1.51941	1
cg23696593	0.736569	0.839752	-1.19083	0.977632	1.01461	1.01461	0.0140368	4.80069	4.80069	0.0299929	3.74557	3.74557	3.5329	14.9717	3.76693	1
cg09559324	6.29E-06	0.0765443	-13.0643	0.00344774	2.75056	2.75056	0.564578	1.15992	1.15992	0.473561	0.830532	-1.20405	15.285	15.7097	0.913589	1
cg26495393	0.00373042	0.372482	-2.68469	0.238686	1.365	1.365	0.766476	1.07799	1.07799	0.159765	0.684705	-1.46048	13.889	13.9848	0.895014	1
cg06112206	0.00302924	1.98559	1.98559	0.25382	1.22284	1.22284	0.0883979	1.37351	1.37351	0.282584	1.20743	1.20743	13.1682	5.94358	0.401207	1
cg20222869	7.17E-05	0.364097	-2.74652	0.0029341	1.76942	1.76942	0.592661	1.07834	1.07834	0.161446	1.23227	1.23227	11.8464	3.65997	0.274624	1
cg27369286	0.266155	0.858522	-1.16479	0.00135391	0.541922	-1.84528	0.0559854	0.752001	-1.32978	0.000184692	0.435325	-2.29713	8.41669	2.31059	0.244022	1
cg08587321	0.0972555	0.521272	-1.91839	0.366623	1.39378	1.39378	0.00925632	0.306569	-3.26191	0.185477	0.604941	-1.65305	6.05309	12.2853	1.80408	1
cg08509907	0.769162	1.06896	1.06896	0.78334	1.06445	1.06445	0.516725	0.861598	-1.16063	0.168979	0.717435	-1.39385	5.7992	4.71577	0.722823	1
cg01582974	0.0168493	0.807374	-1.23858	0.0666211	0.859924	-1.16289	0.0102418	0.788607	-1.26806	0.61689	0.963668	-1.0377	5.48056	0.467332	0.0757963	1
cg10451425	0.125651	1.2883	1.2883	0.000287814	2.47067	2.47067	0.380444	0.871519	-1.14742	0.526351	0.90653	-1.10311	5.22148	1.93212	0.328918	1
cg07435237	0.32909	0.657922	-1.51994	0.00966491	0.256394	-3.90025	0.250712	1.64686	1.64686	0.0837941	0.451421	-2.21523	3.85178	10.5396	2.43225	1
cg05826330	0.768579	0.919058	-1.08807	0.841563	0.944353	-1.05893	0.611629	1.15775	1.15775	0.779977	1.08341	1.08341	3.45371	4.47644	1.15211	1
cg25371658	0.113853	0.723339	-1.38248	0.00280596	2.17114	2.17114	0.279055	0.809049	-1.23602	0.28509	0.811354	-1.23251	6.17583	3.46738	0.499061	1
cg12195695	0.0263295	1.32038	1.32038	0.000212509	0.52055	-1.92105	0.393551	1.09658	1.09658	0.110529	1.20136	1.20136	7.92461	1.39683	0.15668	1
cg24534872	0.0125801	0.2931	-3.41181	0.0033905	0.206922	-4.83273	0.0169359	0.316024	-3.16431	0.0254068	2.8596	2.8596	7.17991	17.7849	2.20181	1
cg23568552	0.711457	0.95359	-1.04867	0.000271668	0.466093	-2.14549	0.260314	0.860559	-1.16203	0.0301414	1.3856	1.3856	6.11653	1.58475	0.230304	1
cg23660755	0.126639	0.471419	-2.12126	0.0485456	0.358589	-2.78871	0.187937	0.529912	-1.88711	0.0112647	4.24129	4.24129	4.27548	14.0263	2.91612	1
cg08359099	0.83322	0.970516	-1.03038	0.0107785	0.634676	-1.57561	0.608038	0.92921	-1.07618	0.457489	1.11336	1.11336	3.87313	1.23565	0.283583	1
cg02186444	0.0347793	0.338082	-2.95786	0.0128117	0.256024	-3.90588	0.0638234	0.399235	-2.50479	0.021469	0.295951	-3.37893	3.45838	10.6391	2.73451	1
cg01701002	0.26497	2.29196	2.29196	0.449466	0.576823	-1.73364	?	?	?	0.297053	2.16372	2.16372	5.24157	28.2077	7.17539	1
cg26768532	6.74E-06	0.292808	-3.4152	9.46E-08	0.117764	-8.49158	0.519337	0.922877	-1.08357	0.00620657	0.64506	-1.55024	74.4394	17.7981	0.212529	1
cg05308617	0.000358508	0.43809	-2.28264	0.000879397	0.487344	-2.05194	0.443249	1.11926	1.11926	0.396848	0.882454	-1.1332	28.6144	9.41448	0.292455	1
cg27326819	0.0162415	0.627331	-1.59405	0.000135663	0.350682	-2.85159	0.810474	1.03885	1.03885	0.021241	0.644488	-1.55162	15.5998	6.21692	0.354246	1
cg04554122	0.267459	0.752262	-1.32932	0.943019	1.01777	1.01777	0.00324966	2.68852	2.68852	0.0441722	0.565681	-1.76778	8.22954	7.91444	0.854855	1
cg18030038	0.298404	0.864835	-1.15629	0.258918	1.17197	1.17197	0.0311817	1.4059	1.4059	0.78702	0.964172	-1.03716	4.31957	1.24175	0.25553	1
cg09886243	0.404896	1.09773	1.09773	0.418907	0.913592	-1.09458	0.910948	0.987833	-1.01232	0.533002	1.07153	1.07153	4.28655	0.812767	0.168541	1
cg04489338	0.893494	0.968485	-1.03254	0.144549	1.45449	1.45449	0.0464779	0.579751	-1.72488	0.409099	1.22364	1.22364	4.23473	3.83295	0.804553	1
cg01519350	0.181668	1.14634	1.14634	0.199454	0.877578	-1.1395	0.957427	1.00516	1.00516	0.115371	1.17926	1.17926	4.0821	0.599906	0.130631	1
ch.2.4639917R	0.000980258	0.296595	-3.37161	0.88576	0.96718	-1.03393	6.87E-06	0.0701627	-14.2526	0.00613368	0.42033	-2.37909	35.3	26.209	0.649655	1
cg09604569	0.542626	0.886347	-1.12823	0.0496262	1.5503	1.5503	8.21E-05	4.01212	4.01212	0.055986	1.52774	1.52774	18.0947	10.9824	0.539503	1
cg13004609	0.500069	0.90053	-1.11046	0.0118696	0.618347	-1.61721	0.715273	0.945471	-1.05767	0.00865019	0.599111	-1.66914	9.92336	3.68162	0.329783	1
cg26669825	0.990744	1.0035	1.0035	0.0245975	2.23943	2.23943	0.00341154	0.301681	-3.31476	0.178996	1.53716	1.53716	7.62356	10.9507	1.27683	1
cg02457781	0.382539	0.777638	-1.28595	0.038343	0.50967	-1.96205	0.52232	0.833515	-1.19974	0.392862	0.782066	-1.27866	5.24107	6.54667	1.11032	1
cg19577697	0.0677514	0.659601	-1.51607	0.0836464	1.47603	1.47603	0.504871	1.14753	1.14753	0.046817	0.629499	-1.58857	4.84806	3.17541	0.582209	1
cg14044375	0.0743342	0.456977	-2.18829	0.0164863	0.315392	-3.17065	0.951943	1.02402	1.02402	0.0302728	0.366711	-2.72694	4.15124	10.1983	2.18371	1
cg04307282	0.471835	0.86915	-1.15055	0.000645691	0.366782	-2.72641	0.605759	1.10491	1.10491	0.422755	0.854787	-1.16988	3.96743	2.30716	0.516912	1
cg26089280	0.379626	0.890482	-1.12299	0.00226797	0.577176	-1.73257	0.111601	0.800105	-1.24984	0.244522	1.16962	1.16962	3.78792	0.993617	0.233166	1
cg01885356	0.101595	0.371959	-2.68847	0.00390934	0.117286	-8.52618	0.164055	0.440731	-2.26896	0.0675853	0.323069	-3.09531	3.70465	17.8634	4.28611	1
cg27168076	0.84344	0.940906	-1.06281	0.996499	0.998649	-1.00135	0.154693	1.59877	1.59877	0.0550498	0.511652	-1.95445	3.64166	5.47321	1.33595	1
cg19178570	0.0171973	0.687909	-1.45368	0.0454391	0.744031	-1.34403	0.813486	0.970003	-1.03093	0.392884	0.893339	-1.1194	3.44461	0.905936	0.233779	1
cg04019098	0.224274	0.644158	-1.55241	0.0137448	2.85617	2.85617	0.00962925	3.09239	3.09239	0.0747391	1.98154	1.98154	10.1927	19.1607	1.67097	1
cg00040923	0.0750682	0.520248	-1.92216	0.00446718	0.286511	-3.49027	0.00146333	4.54747	4.54747	0.256171	1.47805	1.47805	8.23581	14.1744	1.52983	1
cg27254181	0.945279	1.02536	1.02536	0.0826239	2.01639	2.01639	0.389404	0.724852	-1.37959	0.467232	0.76347	-1.30981	6.31996	13.3224	1.87376	1
cg04033011	0.0422631	0.106544	-9.38582	0.000814851	0.00797803	-125.344	0.821626	1.24127	1.24127	0.78613	0.770803	-1.29735	4.29195	62.2739	12.8973	1
cg13204040	0.798699	0.948578	-1.05421	3.89E-06	0.108488	-9.21763	0.399564	1.19499	1.19499	0.02201	0.566978	-1.76374	35.9672	24.3072	0.600726	1
cg00291222	0.464255	1.55555	1.55555	0.227354	0.471558	-2.12063	0.0229421	5.02224	5.02224	0.586736	0.722126	-1.3848	4.25557	23.7131	4.95311	1
cg10286829	0.662698	0.846857	-1.18084	0.00759799	3.8689	3.8689	0.659671	1.18275	1.18275	?	?	?	4.14529	8.1787	1.72638	1
cg16551468	0.124872	0.46363	-2.15689	0.0087828	0.213501	-4.68382	0.0173906	0.261864	-3.81878	0.533079	0.746691	-1.33924	3.71926	12.6106	3.01388	1
cg05532720	0.265664	0.50011	-1.99956	0.0361446	0.233253	-4.2872	0.0106461	6.81018	6.81018	0.710469	1.24952	1.24952	5.39358	30.4847	5.02404	1
cg01118900	0.330045	1.21079	1.21079	0.554003	0.892338	-1.12065	0.000240974	0.314725	-3.17738	0.341516	0.829852	-1.20503	12.3885	7.1049	0.509783	1
cg21729235	0.0476197	1.73955	1.73955	0.00534293	2.45168	2.45168	0.142228	1.47045	1.47045	0.0107162	0.456678	-2.18973	8.89688	8.41583	0.840828	1
cg21730821	0.0452422	0.281303	-3.55488	0.00509592	0.129537	-7.71982	0.543527	0.712128	-1.40424	0.0133363	0.184038	-5.43366	4.45024	21.4861	4.29163	1
cg13484245	0.0588541	0.386512	-2.58724	0.799846	0.892987	-1.11984	0.625835	1.24473	1.24473	0.75581	1.14909	1.14909	3.63727	11.4328	2.79399	1
cg17332295	0.0111443	0.703025	-1.42242	0.00123907	1.68678	1.68678	1.90E-08	0.0938536	-10.6549	0.000780388	0.569611	-1.75558	116.792	22.6877	0.172673	1
cg00609239	0.00394611	0.244187	-4.09523	0.109453	0.530187	-1.88613	0.00614273	0.272574	-3.66873	0.0285942	0.390999	-2.55755	7.31066	15.3058	1.861	1
cg06717971	0.070094	0.458165	-2.18262	0.0144573	0.312973	-3.19516	0.0150548	0.316116	-3.1634	0.0370104	0.393171	-2.54342	5.84235	13.7465	2.09147	1
cg17935021	0.02167	0.0883214	-11.3223	0.00937492	0.0535662	-18.6685	0.00875622	0.0513557	-19.472	0.0793563	0.184049	-5.43335	4.74399	53.7689	8.81543	1
cg14053556	0.00400924	0.494834	-2.02088	0.00779986	0.53715	-1.86168	0.440223	0.866564	-1.15398	0.687908	1.07624	1.07624	16.5712	8.68884	0.466075	1
cg19050914	0.0208956	0.189548	-5.2757	0.00136463	0.0620076	-16.1271	0.272713	0.505086	-1.97986	0.0400293	0.241738	-4.1367	5.13816	29.1307	5.03954	1
cg24884230	0.0488379	1.5906	1.5906	0.136465	1.39233	1.39233	0.00146719	2.57912	2.57912	0.896896	0.973608	-1.02711	6.95487	4.68803	0.599169	1
cg24296920	0.0145181	0.323193	-3.09412	0.050263	0.432931	-2.30984	0.00418363	0.237085	-4.21789	0.142872	0.553934	-1.80527	3.80948	8.48948	1.9809	1
cg01044693	0.277185	1.10719	1.10719	0.000210979	1.74746	1.74746	0.0123984	1.32371	1.32371	0.739172	1.03056	1.03056	11.2001	1.4399	0.114277	1
cg07935500	0.268992	1.27156	1.27156	3.46E-05	0.188079	-5.3169	0.17532	0.740241	-1.35091	0.860883	0.964055	-1.03728	10.0563	6.93634	0.613109	1
cg02927074	0.0745906	1.55913	1.55913	0.0167953	1.92031	1.92031	6.58E-05	5.14034	5.14034	0.629175	1.11494	1.11494	9.39334	7.43809	0.703864	1
cg17431345	0.187738	2.05746	2.05746	0.619424	1.29532	1.29532	0.107783	2.47681	2.47681	0.743256	1.18514	1.18514	5.47468	23.1584	3.76008	1
cg20081969	0.0150456	0.186581	-5.35959	0.0200148	4.7847	4.7847	0.00559438	8.16436	8.16436	0.015843	5.24945	5.24945	7.1783	25.9595	2.71229	1
cg17788682	0.0815089	1.40451	1.40451	0.000806323	0.41088	-2.4338	0.893859	1.02376	1.02376	0.484473	0.882504	-1.13314	4.79345	2.34976	0.435735	1
cg19708986	0.0484959	2.63828	2.63828	0.00270211	5.95219	5.95219	0.0121857	3.83612	3.83612	0.199609	1.79186	1.79186	4.29274	12.5941	2.60783	1
cg27665327	0.0299922	0.418139	-2.39155	0.00873097	0.319455	-3.13033	0.109027	1.81649	1.81649	0.104583	0.545579	-1.83291	4.22083	7.79794	1.64221	1
cg27332878	0.319583	0.631626	-1.58322	0.0190908	0.281619	-3.5509	0.983255	0.990669	-1.00942	0.0114164	0.243107	-4.11341	3.76287	11.8919	2.80918	1
cg00360077	0.216293	0.73	-1.36986	0.869865	1.04045	1.04045	0.071029	1.62872	1.62872	0.844097	0.953494	-1.04877	3.59959	3.33509	0.823573	1
cg20511489	0.210304	1.6166	1.6166	0.120144	1.84675	1.84675	0.0262059	2.61065	2.61065	0.216533	1.60505	1.60505	3.39582	7.12004	1.86374	1
cg21348997	0.0725423	0.762628	-1.31126	0.233959	1.18383	1.18383	0.0026159	1.75711	1.75711	0.197716	1.20219	1.20219	3.5168	1.01883	0.257514	1
cg17942553	0.00344204	0.581639	-1.71928	0.00727014	0.623597	-1.6036	0.799557	0.96589	-1.03531	0.000700369	0.494124	-2.02378	24.9321	7.34617	0.261909	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00304076	ARNT;ARNT;ARNT	0.000340151	0.930706	0.980748	-1.01963	8.97E-05	0.208767	-4.79004	0.928542	1.02025	1.02025	0.274358	1.28946	1.28946	0.000453079	0.290716	-3.43979
cg25308738	ARNT;ARNT;ARNT	0.000635441	0.0215375	1.80882	1.80882	2.89E-05	0.171643	-5.82606	0.610154	0.895481	-1.11672	0.04213	1.65314	1.65314	0.0612956	0.635924	-1.57252
cg26228696	ARNT;ARNT;ARNT	0.00648715	0.835403	0.97473	-1.02592	0.0193913	1.41588	1.41588	0.280532	1.14796	1.14796	0.0315749	0.733369	-1.36357	0.320852	1.13448	1.13448
cg26926632	ARNT;ARNT;ARNT	0.00670639	0.191135	0.79087	-1.26443	0.486526	1.12733	1.12733	0.0702325	1.40925	1.40925	0.532124	1.11324	1.11324	0.806534	0.959261	-1.04247
cg00944785	ARNT;ARNT;ARNT	0.0114384	0.0397825	1.95066	1.95066	0.00327888	0.324206	-3.08446	0.168738	0.662187	-1.51015	0.403625	1.27154	1.27154	0.0197327	2.20674	2.20674
cg11594892	ARNT;ARNT;ARNT	0.0482255	0.668719	1.04893	1.04893	0.733777	1.03861	1.03861	0.42597	1.0944	1.0944	0.641571	0.949307	-1.0534	0.582487	0.940246	-1.06355
cg13357341	ARNT;ARNT;ARNT	0.0492098	0.0422652	0.25697	-3.89151	0.013868	0.171016	-5.8474	0.16567	0.423697	-2.36018	0.238398	0.48809	-2.0488	0.0176307	0.186938	-5.34938
cg13201342	ARNT;ARNT;ARNT;CTSK	0.0103502	0.564914	1.13788	1.13788	0.629865	1.11382	1.11382	0.232786	0.75748	-1.32017	0.160377	1.39504	1.39504	0.000807281	0.325586	-3.07138
cg15474407	ARNTL2	2.91E-05	0.77047	0.941087	-1.0626	0.000267865	0.289007	-3.46012	0.000145003	0.257198	-3.88806	0.155865	1.37042	1.37042	0.0150166	0.537696	-1.85979
cg17367616	ARNTL2	0.000167174	0.130236	0.726023	-1.37737	0.0531673	0.650262	-1.53784	0.0925876	0.695875	-1.43704	0.414712	1.17743	1.17743	0.00164644	0.413639	-2.41756
cg24983014	ARNTL2	0.00712189	0.0675583	0.64137	-1.55916	0.0033081	0.419926	-2.38137	0.287877	1.27036	1.27036	0.983642	0.995564	-1.00446	0.0455035	0.608104	-1.64445
cg26165146	ARNTL2	0.0272459	0.309408	0.67967	-1.4713	0.916588	0.962273	-1.03921	0.298533	0.673301	-1.48522	0.769902	0.897924	-1.11368	0.202929	0.610541	-1.63789
cg01986577	ARNTL2	0.0482117	0.229972	0.694795	-1.43927	0.540164	0.83586	-1.19637	0.81962	0.936098	-1.06826	0.00699944	2.74097	2.74097	0.0427027	0.509409	-1.96306
cg11619602	ARNTL;ARNTL;ARNTL	0.0122155	0.0179353	0.456581	-2.19019	0.387129	0.785353	-1.27331	0.00295132	0.32874	-3.04192	0.0649683	0.568451	-1.75917	0.0702418	0.576033	-1.73601
cg15714103	ARNTL;ARNTL;ARNTL	0.0132323	0.44302	1.13338	1.13338	0.751254	1.05223	1.05223	0.368486	1.15936	1.15936	0.391254	0.868818	-1.15099	0.0407974	1.45939	1.45939
cg12537728	ARNTL;ARNTL;ARNTL	0.0167465	0.13393	0.316772	-3.15684	0.955471	0.961066	-1.04051	0.0239032	0.147094	-6.79838	0.222577	2.48823	2.48823	0.00682691	0.0827269	-12.088
cg20399260	ARNTL;ARNTL;ARNTL	0.0178329	0.164422	1.62669	1.62669	0.858549	1.06026	1.06026	0.456553	1.28236	1.28236	0.168064	0.617646	-1.61905	0.00100596	0.201672	-4.95854
cg10435282	ARNTL;ARNTL;ARNTL	0.0192919	0.614295	1.12999	1.12999	0.0322375	1.82788	1.82788	0.184199	1.40324	1.40324	0.261843	1.32498	1.32498	0.01087	0.463438	-2.15779
cg20995061	ARNTL;ARNTL;ARNTL	0.0334546	0.40391	0.615617	-1.62439	0.888632	0.923497	-1.08284	0.102751	0.362759	-2.75665	0.00115399	0.0663756	-15.0658	0.930932	1.05047	1.05047
cg02394126	ARNTL;ARNTL;ARNTL	0.0437337	0.83101	1.07207	1.07207	0.00547621	3.28532	3.28532	0.10394	1.78419	1.78419	0.380838	1.34006	1.34006	0.256964	0.680266	-1.47001
cg08914378	ARPC1A	0.00100312	0.000458168	0.568166	-1.76005	0.0768526	0.817423	-1.22336	0.0749746	1.2253	1.2253	0.173971	0.862263	-1.15974	0.715608	1.0382	1.0382
cg24791283	ARPC1A	0.00102983	0.0871913	1.36147	1.36147	0.000803211	0.437565	-2.28538	0.000533913	0.414507	-2.4125	0.439368	1.13752	1.13752	0.00975078	1.70583	1.70583
cg09451073	ARPC1A	0.0023915	0.476092	0.837467	-1.19408	0.390342	1.24043	1.24043	0.319652	1.28625	1.28625	0.374027	0.799824	-1.25027	8.16E-05	0.175752	-5.68982
cg16699849	ARPC1A	0.00242701	0.945997	0.99258	-1.00748	0.0308714	1.32142	1.32142	0.122423	0.831897	-1.20207	0.737147	0.963641	-1.03773	0.000163974	0.49329	-2.0272
cg19672329	ARPC1A	0.0155345	0.025626	0.75336	-1.32739	0.914861	1.01149	1.01149	0.464633	1.08274	1.08274	0.30678	1.11965	1.11965	0.776424	1.03088	1.03088
cg21842944	ARPC1B	2.80E-05	0.506704	1.12816	1.12816	0.695885	1.07285	1.07285	0.124204	1.34714	1.34714	0.909447	1.02057	1.02057	3.85E-07	0.0740928	-13.4966
cg17140191	ARPC1B	6.22E-05	0.993498	1.00105	1.00105	0.00266737	0.585365	-1.70833	0.00639342	1.58005	1.58005	0.418008	0.898796	-1.1126	1.81E-05	0.323654	-3.08972
cg01918081	ARPC1B	0.00169431	0.544805	0.810431	-1.23391	0.38723	1.3552	1.3552	0.0283571	0.411668	-2.42914	0.909246	0.961649	-1.03988	0.000376063	0.142315	-7.02668
cg08624472	ARPC1B	0.00790164	0.21361	2.26651	2.26651	0.00847864	8.16316	8.16316	0.054277	3.9143	3.9143	0.148456	2.63377	2.63377	0.0742853	0.288628	-3.46467
cg01409887	ARPC1B	0.0104312	0.115085	4.13398	4.13398	0.0262477	8.88004	8.88004	0.0802394	4.99037	4.99037	0.0743493	5.19124	5.19124	0.10754	0.233426	-4.28402
cg13043150	ARPC1B	0.0158274	0.365955	2.22251	2.22251	0.0380639	7.90422	7.90422	0.0440959	7.30683	7.30683	0.0335895	8.45123	8.45123	0.0435004	0.135868	-7.36008
cg07594085	ARPC1B	0.017493	0.608995	1.09959	1.09959	0.0133075	1.75835	1.75835	0.393361	0.851385	-1.17456	0.663571	1.08387	1.08387	0.78369	1.05194	1.05194
cg26606327	ARPC1B	0.0182511	0.601118	1.36084	1.36084	0.22322	2.11176	2.11176	0.069304	3.27702	3.27702	0.186619	2.26534	2.26534	0.782714	1.17524	1.17524
cg11467738	ARPC1B	0.0186997	0.0362174	1.56105	1.56105	0.63933	1.09015	1.09015	0.961805	1.0088	1.0088	0.30155	0.822231	-1.2162	0.133693	1.34419	1.34419
cg04508405	ARPC1B	0.0190696	0.610925	1.27399	1.27399	0.248655	0.566014	-1.76674	0.0122093	0.229072	-4.36543	0.431645	1.46052	1.46052	0.873916	0.927789	-1.07783
cg08248955	ARPC1B	0.0197194	0.535274	1.35902	1.35902	0.0216133	3.84872	3.84872	0.125907	2.24594	2.24594	0.152142	2.11599	2.11599	0.0575705	0.350197	-2.85553
cg08798295	ARPC1B	0.021511	0.0835401	3.36102	3.36102	0.0708327	3.58765	3.58765	0.0444018	4.31124	4.31124	0.16522	2.55192	2.55192	0.2748	0.48718	-2.05263
cg11699265	ARPC1B	0.0263409	0.122998	1.93416	1.93416	0.0280517	2.78536	2.78536	0.00203548	5.56843	5.56843	0.09082	2.08649	2.08649	0.455132	1.35031	1.35031
cg18470468	ARPC1B	0.0416464	0.149909	0.453529	-2.20493	0.469666	0.686064	-1.45759	0.101405	0.399037	-2.50603	0.997769	1.00143	1.00143	0.000790271	0.0744305	-13.4353
cg18536843	ARPC1B	0.0481581	0.910405	1.02141	1.02141	0.104784	0.716263	-1.39614	0.00413333	0.48488	-2.06237	0.716606	1.07103	1.07103	0.582325	1.11022	1.11022
cg19141132	ARPC2;ARPC2	6.47E-06	0.769632	0.957734	-1.04413	0.0328765	1.44341	1.44341	0.173507	0.80819	-1.23733	0.00383041	0.563678	-1.77406	6.54E-08	0.0682943	-14.6425
cg00752852	ARPC2;ARPC2	0.0313455	0.898849	0.97617	-1.02441	0.689714	1.07908	1.07908	0.488527	1.14277	1.14277	0.922709	1.01857	1.01857	0.261892	1.24841	1.24841
cg09906780	ARPC2;ARPC2	0.0318309	0.221582	1.33079	1.33079	0.00223596	0.385893	-2.59139	0.479971	0.852389	-1.17317	0.121092	0.688057	-1.45337	0.268802	0.774008	-1.29198
cg16672685	ARPC2;ARPC2;ARPC2	0.00595337	0.537412	0.815509	-1.22623	0.0778624	1.89631	1.89631	0.0311109	2.2848	2.2848	0.161593	0.613752	-1.62932	0.00187155	0.236788	-4.22319
cg05351940	ARPC2;ARPC2;ARPC2	0.0448525	0.00175598	0.0361899	-27.632	0.448955	0.580805	-1.72175	0.636729	1.3971	1.3971	0.957502	0.963274	-1.03813	0.885383	1.10659	1.10659
cg12891476	ARPC4;ARPC4;ARPC4	0.0243228	0.937382	0.981309	-1.01905	0.0179695	0.501357	-1.99459	0.0528111	0.589447	-1.69651	0.825059	1.0546	1.0546	0.0045138	0.402985	-2.48148
cg10526598	ARPC4;ARPC4;ARPC4	0.0278486	0.116922	0.442942	-2.25763	0.760613	1.15731	1.15731	0.100825	0.423499	-2.36128	0.566937	1.31877	1.31877	0.00135708	0.108194	-9.24266
cg24022402	ARPC4;ARPC4;ARPC4;ARPC4;TADA3;TADA3	0.00530685	0.340111	0.903738	-1.10652	0.00326951	1.51097	1.51097	0.770854	0.97038	-1.03052	0.0462886	0.790543	-1.26495	0.970737	1.00378	1.00378
cg16457027	ARPC4;ARPC4;ARPC4;ARPC4;TADA3;TADA3	0.0139995	0.223276	0.844674	-1.18389	0.820219	1.03048	1.03048	0.266216	1.16512	1.16512	0.0219464	0.695858	-1.43708	0.00508852	0.61358	-1.62978
cg12190423	ARPC4;ARPC4;ARPC4;ARPC4;TADA3;TADA3	0.0351025	0.707497	0.969638	-1.03131	0.0895386	1.16546	1.16546	0.0281104	1.23632	1.23632	0.0594631	0.840281	-1.19008	0.227194	0.901492	-1.10927
cg03894271	ARPC4;ARPC4;ARPC4;ARPC4;TADA3;TADA3	0.0447621	0.992213	1.00062	1.00062	0.0290735	1.17895	1.17895	0.417165	1.0545	1.0545	0.537287	1.04079	1.04079	0.768467	0.981285	-1.01907
cg02721184	ARPC4;ARPC4;ARPC4;TADA3;TADA3	0.0060697	0.00539618	0.147818	-6.76509	0.747453	0.851006	-1.17508	0.00507407	0.144418	-6.92436	0.29472	0.579587	-1.72537	0.000855442	0.0688793	-14.5181
cg27345946	ARPC4;ARPC4;ARPC4;TADA3;TADA3	0.0375698	0.00363957	0.169997	-5.88245	0.445039	0.704209	-1.42003	0.940318	0.966835	-1.0343	0.119075	0.466744	-2.1425	0.177147	0.524072	-1.90813
cg08649360	ARPC4;TADA3;ARPC4;ARPC4;TADA3	0.00169482	0.00688294	0.418135	-2.39157	0.81837	1.059	1.059	0.00238354	0.348079	-2.87291	0.0870805	0.624467	-1.60137	0.114919	0.652323	-1.53298
cg00472373	ARPC4;TADA3;ARPC4;ARPC4;TADA3	0.029041	0.0389985	0.474803	-2.10614	0.622714	0.856765	-1.16718	0.0475144	0.493313	-2.02711	0.0988509	1.7579	1.7579	0.0244946	0.433724	-2.30561
cg14287565	ARPC5L	0.00339752	0.00198192	0.319793	-3.12703	0.427883	1.23518	1.23518	0.540484	0.850698	-1.1755	0.0305469	1.941	1.941	0.00620335	0.394082	-2.53754
cg06634950	ARPM1	0.000107835	0.0259873	0.558733	-1.78976	7.42E-05	4.88278	4.88278	0.102709	1.48184	1.48184	0.000131598	4.31223	4.31223	0.0340107	0.579802	-1.72473
cg10350352	ARPM1	0.000522463	0.529732	0.692732	-1.44356	0.000305493	29.4345	29.4345	0.0389113	3.96965	3.96965	0.000171313	39.7582	39.7582	0.195878	0.454419	-2.20061
cg14222479	ARPM1;ARPM1	7.39E-08	0.153764	0.831151	-1.20315	3.96E-08	10.5494	10.5494	0.000128192	2.24016	2.24016	4.44E-09	22.3986	22.3986	0.0498202	0.762657	-1.31121
cg18664508	ARPM1;ARPM1	5.52E-06	0.185231	0.726983	-1.37555	2.99E-05	6.38965	6.38965	0.00336365	2.47279	2.47279	1.83E-06	14.8047	14.8047	0.00750026	0.457914	-2.18382
cg15981995	ARPM1;ARPM1	0.00249409	0.248578	0.487328	-2.05201	0.0195443	5.37535	5.37535	0.341272	1.79399	1.79399	0.000337171	31.3219	31.3219	0.0786951	0.312289	-3.20217
cg03192231	ARPP-21	0.024773	0.167916	2.71004	2.71004	0.00185045	20.0463	20.0463	0.00467679	12.8186	12.8186	0.657056	0.738509	-1.35408	0.198751	2.51242	2.51242
cg16370778	ARPP-21;ARPP-21;ARPP-21;ARPP-21	0.0406933	0.107346	0.427415	-2.33965	0.309627	1.66279	1.66279	0.271011	1.74061	1.74061	0.913232	0.948651	-1.05413	0.20754	0.525839	-1.90172
cg21849597	ARPP19	8.32E-06	5.75E-06	0.288651	-3.46439	0.0999949	0.673164	-1.48552	0.0389115	1.33768	1.33768	0.00750097	0.657831	-1.52015	1.97E-05	0.348873	-2.86637
cg25003924	ARPP19	3.50E-05	0.261038	0.886603	-1.1279	0.00141345	1.60712	1.60712	0.107398	1.19773	1.19773	0.636388	1.05011	1.05011	1.08E-05	0.381369	-2.62213
cg01383668	ARPP19	0.00128196	0.00523289	1.37594	1.37594	0.0177387	0.778953	-1.28378	0.43228	0.932922	-1.0719	0.397446	1.07796	1.07796	0.000258436	0.593974	-1.68358
cg01955828	ARPP19	0.00694012	0.00492788	0.39517	-2.53056	0.611978	1.136	1.136	0.438079	0.821051	-1.21795	0.258163	1.34194	1.34194	0.00440867	0.387717	-2.5792
cg13134248	ARPP19	0.0103552	0.00670123	0.230439	-4.33954	0.168316	0.541867	-1.84547	0.455908	1.37293	1.37293	0.017273	0.298054	-3.35509	0.476371	1.35288	1.35288
cg25063058	ARPP19	0.0288807	?	?	?	0.792957	1.11891	1.11891	0.256009	1.66463	1.66463	0.00145869	0.124193	-8.05196	0.505025	0.748675	-1.33569
cg23479586	ARPP19	0.0404307	0.113341	0.735768	-1.35912	0.0758091	0.703344	-1.42178	0.416267	0.862469	-1.15946	0.802663	1.0456	1.0456	0.517402	1.12398	1.12398
cg11494656	ARR3	0.00171089	0.346774	1.48559	1.48559	0.0519578	0.405205	-2.46789	0.115799	0.497403	-2.01044	0.000976079	0.134806	-7.41808	0.000425545	0.102324	-9.7729
cg26468081	ARR3;RAB41	0.000671083	0.00966025	0.500385	-1.99846	0.000919037	0.350969	-2.84925	0.0103735	0.50533	-1.97891	0.408399	0.836289	-1.19576	2.59E-05	0.171727	-5.82318
cg03213502	ARR3;RAB41	0.00121723	0.00077464	0.105061	-9.51826	0.00748532	0.217665	-4.59421	0.0449738	0.360958	-2.7704	0.00628804	0.206723	-4.83738	0.000655018	0.0989645	-10.1046
cg22110267	ARRB1;ARRB1	0.0189703	0.00333863	0.224567	-4.45302	0.00904661	0.289218	-3.4576	0.173064	0.581521	-1.71963	0.086345	0.492403	-2.03086	0.0152575	0.328236	-3.04659
cg02536026	ARRB1;ARRB1	0.026693	0.0423008	0.342606	-2.9188	0.123905	2.14496	2.14496	?	?	?	0.206166	1.84174	1.84174	0.0141631	0.249998	-4.00004
cg25868469	ARRB1;ARRB1	0.0350122	0.635202	0.941359	-1.06229	0.00586136	1.57784	1.57784	0.39638	0.895996	-1.11608	0.290922	0.870593	-1.14864	0.449446	0.907141	-1.10236
cg26248908	ARRB2;ARRB2	9.34E-06	0.000642299	1.88019	1.88019	0.00439953	1.58134	1.58134	6.38E-06	3.36551	3.36551	1.45E-06	0.228672	-4.37308	0.00305012	1.63087	1.63087
cg10606822	ARRB2;ARRB2	0.00113782	0.433546	0.9456	-1.05753	0.0328777	1.19087	1.19087	0.000129055	1.59314	1.59314	0.0339761	1.18916	1.18916	0.00250405	0.745342	-1.34167
cg07971820	ARRB2;ARRB2	0.00306894	0.201453	1.25168	1.25168	0.900217	0.979341	-1.02109	0.0893146	0.732153	-1.36583	0.0950764	0.736958	-1.35693	5.25E-05	0.284283	-3.51762
cg23779331	ARRB2;ARRB2	0.00318206	0.139843	0.840657	-1.18955	0.590876	1.06109	1.06109	0.00455301	1.51115	1.51115	0.00663659	0.680485	-1.46954	0.294628	1.1261	1.1261
cg22127215	ARRB2;ARRB2	0.012599	0.414612	0.922562	-1.08394	0.496149	1.06907	1.06907	0.00462631	1.43931	1.43931	0.337801	0.908913	-1.10022	0.720185	0.965832	-1.03538
cg03543600	ARRB2;ARRB2	0.0161118	0.809236	1.05657	1.05657	0.341421	0.800092	-1.24986	0.00737286	2.19368	2.19368	0.323626	1.26103	1.26103	0.0651624	0.624348	-1.60167
cg04217140	ARRB2;ARRB2	0.0206151	0.240268	1.4074	1.4074	0.802135	1.07228	1.07228	0.274212	1.37195	1.37195	0.50146	1.2088	1.2088	0.785899	0.927113	-1.07862
cg22654677	ARRB2;ARRB2	0.0225769	0.895934	1.02044	1.02044	0.278221	1.19045	1.19045	0.12201	0.771704	-1.29583	0.280491	0.84076	-1.1894	0.0487322	0.706068	-1.41629
cg00122941	ARRB2;ARRB2	0.0244646	0.444583	1.08608	1.08608	0.00666555	0.688661	-1.45209	0.369633	0.906987	-1.10255	0.174242	0.858003	-1.1655	0.0552138	1.25898	1.25898
cg21235989	ARRDC1	0.00223826	0.141963	0.829756	-1.20517	0.904073	1.01435	1.01435	0.00980703	1.47095	1.47095	0.389573	1.10984	1.10984	0.700134	1.04681	1.04681
cg23482747	ARRDC2	0.0128501	0.161475	0.595964	-1.67795	0.877461	0.947992	-1.05486	0.0578961	0.476096	-2.10041	0.286396	0.68167	-1.46699	0.000964678	0.182489	-5.47978
cg23526474	ARRDC2	0.0144406	0.00196902	0.378796	-2.63994	0.0347956	0.579221	-1.72646	0.0654875	0.632009	-1.58226	0.89322	1.03026	1.03026	0.0354919	0.580809	-1.72174
cg06377221	ARRDC2	0.019384	0.260162	1.28256	1.28256	0.0171672	1.85029	1.85029	0.0385988	0.601921	-1.66135	0.554048	0.880892	-1.13521	0.0632094	0.642295	-1.55692
cg19328697	ARRDC2	0.0294016	0.109552	0.786617	-1.27127	0.476887	1.10462	1.10462	0.715381	1.05167	1.05167	0.810091	0.967422	-1.03367	0.035335	1.40096	1.40096
cg08597345	ARRDC2;ARRDC2	0.000449328	0.121377	1.62812	1.62812	0.192552	1.49225	1.49225	0.00186149	0.277643	-3.60175	0.273358	1.39215	1.39215	0.00864925	0.378511	-2.64193
cg25476262	ARRDC2;ARRDC2	0.00158095	0.563079	0.874279	-1.1438	0.788035	1.06389	1.06389	0.123878	0.681848	-1.4666	0.0851531	1.5487	1.5487	2.72E-05	0.149182	-6.70321
cg02896705	ARRDC2;ARRDC2	0.0109826	0.943584	1.00581	1.00581	0.00550782	0.741966	-1.34777	0.0353355	0.818356	-1.22196	0.551301	1.05054	1.05054	0.00136554	0.683808	-1.4624
cg01462053	ARRDC2;ARRDC2	0.0408651	0.513088	1.38473	1.38473	0.00733024	5.83528	5.83528	0.380324	0.642498	-1.55642	0.0685152	0.361898	-2.76321	0.268501	0.566713	-1.76456
cg07504428	ARRDC3	0.005944	0.206691	0.684196	-1.46157	0.263058	0.717127	-1.39445	0.143745	1.5646	1.5646	0.351679	0.760993	-1.31407	0.000232065	0.17537	-5.70222
cg09149294	ARRDC4	0.00229244	0.184034	1.09639	1.09639	0.00353445	1.29464	1.29464	0.0256678	1.18895	1.18895	0.000454251	0.697126	-1.43446	0.00964569	0.807418	-1.23852
cg09444637	ARRDC4	0.00322374	0.38248	0.950624	-1.05194	0.017938	1.17658	1.17658	0.0297714	1.15557	1.15557	0.877321	1.00877	1.00877	0.0434153	1.14033	1.14033
cg18079334	ARRDC4	0.00476518	0.000593055	1.9373	1.9373	0.0148205	1.45325	1.45325	0.0155048	1.44803	1.44803	0.188725	0.840607	-1.18962	0.00871583	1.517	1.517
cg18010014	ARRDC4	0.00532046	0.0327135	0.533895	-1.87303	0.0401039	0.551162	-1.81435	0.0154111	0.473957	-2.1099	0.0613688	0.588981	-1.69785	0.0514468	0.572995	-1.74522
cg09442792	ARRDC4	0.00734886	0.165117	0.786545	-1.27138	0.00418989	1.86276	1.86276	0.261146	0.82693	-1.20929	0.856413	1.02981	1.02981	0.0386042	0.678079	-1.47476
cg07626874	ARRDC4	0.0103005	0.600462	1.24124	1.24124	0.467766	1.35276	1.35276	0.381143	1.44391	1.44391	0.744883	0.875005	-1.14285	0.000174468	0.0739155	-13.529
cg13398806	ARRDC4	0.0344071	0.462053	0.792444	-1.26192	0.000765076	4.87403	4.87403	0.280224	1.41733	1.41733	0.970662	1.01149	1.01149	0.330016	1.36661	1.36661
cg24643749	ARRDC4	0.0345943	0.771594	0.953863	-1.04837	0.0145752	1.62944	1.62944	0.0478843	1.44349	1.44349	0.868034	0.973375	-1.02735	0.456224	1.13105	1.13105
cg14335435	ARRDC4	0.0468715	0.100456	0.711211	-1.40605	0.106292	0.716035	-1.39658	0.0241085	0.600872	-1.66425	0.492911	1.14097	1.14097	0.029944	0.616515	-1.62202
cg00091596	ARRDC4	0.0495803	0.126208	0.712734	-1.40305	0.246259	1.28171	1.28171	0.266077	1.26769	1.26769	0.728201	1.07402	1.07402	0.00467975	0.463201	-2.15889
cg18859211	ARRDC5	7.29E-06	0.00024885	0.500682	-1.99727	2.08E-06	0.2628	-3.80517	5.64E-05	0.424842	-2.35382	0.0842014	0.803659	-1.24431	3.78E-07	0.18869	-5.29969
cg16117653	ARRDC5	0.000291882	0.190539	0.839284	-1.19149	0.0071552	1.5511	1.5511	0.84525	1.02501	1.02501	0.678791	0.948727	-1.05404	1.36E-05	0.316607	-3.15849
cg22898924	ARRDC5	0.00136003	0.0131207	0.484039	-2.06595	0.0157603	0.497638	-2.00949	0.0241838	0.530478	-1.88509	0.111245	0.664162	-1.50566	0.00082231	0.304567	-3.28335
cg08364410	ARRDC5	0.0025214	0.0881201	0.646089	-1.54778	0.0047902	0.419366	-2.38455	0.0016571	0.351756	-2.84288	0.453999	1.19368	1.19368	0.000345743	0.262794	-3.80526
cg12255509	ARRDC5	0.0102175	0.239544	0.626083	-1.59723	0.0233426	0.356877	-2.80209	0.0322437	0.38539	-2.59478	0.632541	0.832633	-1.20101	0.00230989	0.198155	-5.04656
cg10031203	ARRDC5	0.0146291	0.00390435	0.381922	-2.61834	0.205914	1.39178	1.39178	0.271961	0.753278	-1.32753	0.0468835	0.569124	-1.75709	0.00193262	0.337213	-2.96549
cg04946561	ARRDC5	0.0147595	0.0948832	0.527363	-1.89623	0.0478316	0.454401	-2.2007	0.00501964	0.27416	-3.6475	0.257325	0.662248	-1.51001	0.0290411	0.407784	-2.45228
cg14242359	ARRDC5	0.0161177	0.704186	0.932236	-1.07269	0.0265517	1.62196	1.62196	0.425168	0.860871	-1.16161	0.74314	1.06236	1.06236	0.138116	1.34138	1.34138
cg11297817	ARSA;ARSA;ARSA;ARSA;ARSA	3.66E-13	1.45E-12	1.37274	1.37274	2.06E-13	0.431635	-2.31677	?	?	?	1.24E-12	1.40833	1.40833	5.24E-13	1.69401	1.69401
cg02405329	ARSA;ARSA;ARSA;ARSA;ARSA	0.000353995	8.00E-06	0.215533	-4.63965	0.85967	0.972586	-1.02819	0.00440357	0.550375	-1.81694	0.127786	0.77211	-1.29515	0.714332	0.943889	-1.05945
cg00704796	ARSA;ARSA;ARSA;ARSA;ARSA	0.00163273	0.0100919	1.34129	1.34129	0.587276	1.05082	1.05082	0.000886312	0.637285	-1.56916	0.449772	1.07215	1.07215	0.122974	1.16318	1.16318
cg27179327	ARSA;ARSA;ARSA;ARSA;ARSA	0.00915277	0.00679851	0.643406	-1.55423	0.937936	1.00984	1.00984	0.885801	0.982093	-1.01823	0.0249233	0.714926	-1.39875	0.577867	1.07325	1.07325
cg23292766	ARSB	0.0204968	0.186489	0.822412	-1.21594	0.121562	0.791105	-1.26406	0.353651	0.875263	-1.14251	0.757989	0.95777	-1.04409	0.0453355	0.725771	-1.37785
cg11577898	ARSB	0.0268073	0.033687	0.194947	-5.1296	0.0417052	0.21278	-4.69968	0.0496533	0.228529	-4.37582	0.0244773	0.17091	-5.85102	0.0144599	0.137178	-7.28981
cg15407517	ARSB;ARSB	3.20E-05	0.00876582	0.368518	-2.71357	0.433148	0.787281	-1.27019	0.479888	1.23955	1.23955	0.215605	1.47655	1.47655	1.65E-06	0.0273116	-36.6144
cg25780675	ARSB;ARSB	0.00150377	0.00409469	0.305924	-3.26879	0.370796	0.753835	-1.32655	0.00702373	0.342433	-2.92028	0.553787	1.20222	1.20222	8.84E-05	0.115392	-8.66615
cg07379703	ARSB;ARSB	0.00740143	0.00426089	0.483014	-2.07033	0.903999	0.977302	-1.02322	0.000332136	0.467316	-2.13988	0.229704	0.786778	-1.27101	0.0148812	0.565558	-1.76816
cg08393937	ARSB;ARSB	0.00928301	0.23272	0.740968	-1.34959	0.217197	1.36485	1.36485	0.833782	1.05163	1.05163	0.0769826	1.60179	1.60179	0.166037	0.701979	-1.42454
cg26470338	ARSB;ARSB	0.0313304	0.0624663	0.658168	-1.51937	0.127539	0.719841	-1.38919	0.0105767	0.526502	-1.89933	0.0312282	0.603942	-1.65579	0.329255	0.81802	-1.22246
cg26802063	ARSB;ARSB;ARSB	0.000273492	0.301351	0.697329	-1.43404	0.000429468	6.52652	6.52652	0.000413245	0.151548	-6.59858	0.540557	1.23191	1.23191	0.0114893	0.344922	-2.89921
cg18828365	ARSB;ARSB;ARSB	0.00474984	0.000724909	0.0702845	-14.2279	0.0647621	2.91938	2.91938	0.335181	1.67083	1.67083	0.00566473	0.153391	-6.5193	0.505949	0.705686	-1.41706
cg24893837	ARSB;ARSB;ARSB	0.0156672	0.0408113	0.474881	-2.10579	0.225192	1.49444	1.49444	0.810007	0.92685	-1.07892	0.0599348	0.51201	-1.95309	0.00650061	0.327732	-3.05127
cg02173072	ARSD	0.00138946	0.000520455	0.0780004	-12.8204	0.0302949	0.301018	-3.32206	0.00630522	0.186908	-5.35023	0.00124366	0.108157	-9.24579	0.000216257	0.0544759	-18.3568
cg09199027	ARSD	0.037243	0.100859	0.590784	-1.69267	0.119673	0.609859	-1.63972	0.105261	0.595475	-1.67933	0.00646256	0.354474	-2.82108	0.00346353	0.312745	-3.19749
cg04522721	ARSD	0.0489669	0.0575152	0.324026	-3.08617	0.0481331	0.305762	-3.27052	0.0910612	0.376636	-2.65509	0.446474	0.665579	-1.50245	0.00515831	0.144049	-6.9421
cg26038441	ARSD;ARSD	7.93E-06	0.750439	0.929903	-1.07538	0.834914	1.04868	1.04868	8.90E-07	0.0512363	-19.5174	0.356404	0.805705	-1.24115	6.81E-07	0.0461412	-21.6726
cg18537571	ARSD;ARSD	0.000206055	0.0601285	0.544366	-1.837	9.19E-05	0.13493	-7.41124	0.000327258	0.18922	-5.28485	0.000344265	0.320017	-3.12483	2.18E-05	0.0865165	-11.5585
cg21559133	ARSD;ARSD	0.000213875	6.27E-05	3.5885	3.5885	0.00585928	1.86865	1.86865	0.19935	0.790533	-1.26497	6.18E-05	3.59802	3.59802	0.209932	0.795304	-1.25738
cg08582546	ARSD;ARSD	0.00026715	0.70628	1.099	1.099	0.000693767	0.275077	-3.63535	0.00010353	0.180449	-5.54173	0.000320128	0.234028	-4.27298	5.33E-05	0.152493	-6.55769
cg14258335	ARSD;ARSD	0.000850804	0.0264916	1.92744	1.92744	0.00136669	0.313809	-3.18666	0.000129884	0.190485	-5.24977	0.628004	1.12953	1.12953	0.00045287	0.251876	-3.97021
cg13324949	ARSD;ARSD	0.00117374	0.0353802	0.523313	-1.9109	0.210509	0.705563	-1.41731	0.000435406	0.229978	-4.34825	0.0531698	0.559516	-1.78726	8.83E-05	0.156179	-6.40291
cg09817171	ARSD;ARSD	0.00158473	0.534434	1.27187	1.27187	0.000617222	0.133358	-7.49861	0.000403226	0.116452	-8.58722	0.84454	0.927707	-1.07793	0.00051646	0.126087	-7.93101
cg01337545	ARSD;ARSD	0.0034359	0.00548449	2.39144	2.39144	0.0449902	1.73205	1.73205	0.117951	0.666744	-1.49983	0.00205065	2.82131	2.82131	0.930017	1.02119	1.02119

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00304076	0.954496	1.01284	1.01284	0.325096	1.25499	1.25499	0.0735574	1.56191	1.56191	9.83E-05	0.213037	-4.69402	15.8934	12.576	0.703356	1
cg25308738	0.0326879	0.584754	-1.71012	0.0194439	1.83407	1.83407	0.187892	1.34931	1.34931	0.18503	0.739501	-1.35226	13.368	9.75841	0.648873	1
cg26228696	0.87528	0.980863	-1.01951	0.000297486	0.484634	-2.06341	0.983203	0.997414	-1.00259	0.231345	0.856895	-1.167	6.77353	1.62342	0.213041	1
cg26926632	0.27779	1.21084	1.21084	0.000143171	0.329195	-3.03771	0.381638	0.858899	-1.16428	0.449795	0.877617	-1.13945	6.70397	3.05091	0.404525	1
cg00944785	0.119483	1.60785	1.60785	0.0213471	2.17616	2.17616	0.13666	1.56943	1.56943	0.902012	1.03523	1.03523	5.66068	7.08372	1.11235	1
cg11594892	0.372615	0.903414	-1.10691	0.00189964	0.613677	-1.62952	0.73302	0.962717	-1.03873	0.0537048	1.2752	1.2752	3.43488	0.669909	0.173361	1
cg13357341	0.0361438	0.242856	-4.11767	0.0253742	0.213615	-4.68132	0.0432041	0.259015	-3.86079	0.0814555	0.325725	-3.07007	3.40869	18.2127	4.74934	1
cg13201342	0.00598967	0.450488	-2.21982	0.396497	1.21258	1.21258	0.447353	1.18758	1.18758	0.0916709	0.662147	-1.51024	5.84581	4.56268	0.693781	1
cg15474407	0.000462586	0.318701	-3.13774	2.07E-06	0.0884771	-11.3024	0.105418	1.44361	1.44361	9.38E-05	0.235671	-4.24321	30.7093	20.9505	0.606418	1
cg17367616	0.00103823	0.386163	-2.58958	3.80E-06	0.120881	-8.27257	0.000525492	0.346972	-2.88208	0.067628	0.669598	-1.49343	19.2845	11.7213	0.540275	1
cg24983014	0.574683	0.884296	-1.13084	0.00371804	0.427448	-2.33947	0.00150628	0.370948	-2.6958	0.0290087	0.572251	-1.74748	6.57959	4.90111	0.66213	1
cg26165146	0.173452	1.70178	1.70178	0.000919231	0.162369	-6.15882	0.209913	1.62428	1.62428	0.111543	0.529276	-1.88937	4.22819	9.02397	1.8971	1
cg01986577	0.761904	1.09183	1.09183	0.0268804	0.468656	-2.13376	0.618783	0.865002	-1.15607	0.556187	0.841903	-1.18778	3.43525	4.54761	1.17672	1
cg11619602	0.185461	0.68201	-1.46625	0.00222174	0.31096	-3.21585	0.77017	1.08312	1.08312	0.00808197	0.396706	-2.52076	5.54137	6.51997	1.04587	1
cg15714103	0.00062492	2.32143	2.32143	0.136118	0.773297	-1.29316	0.100548	1.33372	1.33372	0.0242852	1.53701	1.53701	5.3988	2.19121	0.360773	1
cg12537728	0.487004	0.605164	-1.65245	0.00118065	0.0339231	-29.4784	0.280166	0.45005	-2.22198	0.369455	0.51917	-1.92615	4.99451	40.009	7.12053	1
cg20399260	0.225793	1.51771	1.51771	0.0688079	1.95028	1.95028	0.29339	1.42974	1.42974	0.223829	1.52067	1.52067	4.89043	8.33225	1.51448	1
cg10435282	0.0102535	0.45922	-2.1776	0.0766002	0.622691	-1.60593	0.160339	0.697173	-1.43436	0.308907	0.77626	-1.28823	4.76244	4.36277	0.814293	1
cg20995061	0.546643	0.707157	-1.41411	0.814689	0.875148	-1.14266	0.0563924	3.41133	3.41133	0.844085	1.11834	1.11834	3.93067	20.0852	4.54209	1
cg02394126	0.119986	0.577364	-1.73201	0.0248619	2.38589	2.38589	0.197738	1.5579	1.5579	0.759971	1.10494	1.10494	3.56333	5.98442	1.49284	1
cg08914378	0.708732	1.0392	1.0392	0.000135622	0.508208	-1.9677	0.112264	1.19383	1.19383	0.032177	1.29315	1.29315	11.7562	1.95465	0.147792	1
cg24791283	0.201018	1.24688	1.24688	0.00490048	1.83888	1.83888	0.0935675	1.35164	1.35164	0.56617	0.9096	-1.09938	11.6688	4.93337	0.375807	1
cg09451073	0.00130749	0.318057	-3.14409	0.992906	1.00218	1.00218	0.897984	1.0319	1.0319	0.511832	1.17687	1.17687	9.15064	8.68379	0.843539	1
cg16699849	0.173634	0.852855	-1.17253	0.00105433	0.587015	-1.70353	0.26108	0.879091	-1.13754	0.440539	1.09033	1.09033	9.1111	1.74436	0.170182	1
cg19672329	0.188155	1.16063	1.16063	0.00146074	0.612066	-1.63381	0.352478	0.902848	-1.10761	0.0308327	1.31109	1.31109	5.12097	0.925398	0.160629	1
cg21842944	0.000691992	0.395783	-2.52664	0.00986086	0.557792	-1.79278	0.452217	0.871895	-1.14693	0.00215612	0.462544	-2.16196	31.0232	15.7425	0.451062	1
cg17140191	0.0200206	1.43599	1.43599	3.98E-05	2.7529	2.7529	0.00438238	1.63324	1.63324	0.197201	1.19215	1.19215	25.1299	6.61547	0.234001	1
cg01918081	0.972714	0.988339	-1.0118	0.000647789	0.166264	-6.01453	0.372857	0.730706	-1.36854	0.000461365	0.151032	-6.62113	10.1176	18.8462	1.65575	1
cg08624472	0.0942693	3.15615	3.15615	0.00132876	18.4722	18.4722	0.00404482	11.1566	11.1566	0.957178	1.03412	1.03412	6.36888	39.3774	5.49581	1
cg01409887	0.159037	3.47923	3.47923	0.00481702	22.1557	22.1557	0.00117422	51.6518	51.6518	0.969212	1.03249	1.03249	5.83122	63.3689	9.65971	1
cg13043150	0.126766	4.1376	4.1376	0.042048	7.49478	7.49478	0.00276808	34.7653	34.7653	0.710438	0.725679	-1.37802	5.08931	59.5877	10.4075	1
cg07594085	0.108098	0.724266	-1.38071	0.000792222	2.5419	2.5419	0.773113	0.948196	-1.05463	0.827974	0.960746	-1.04086	4.92213	2.63969	0.476702	1
cg26606327	0.54403	1.43146	1.43146	0.000622192	21.6485	21.6485	0.00499183	8.76124	8.76124	0.795549	1.16377	1.16377	4.85245	26.2192	4.80293	1
cg11467738	0.424024	0.861302	-1.16103	0.00117332	0.418572	-2.38907	0.11277	1.37118	1.37118	0.542565	1.11932	1.11932	4.81289	2.54899	0.470771	1
cg04508405	0.210504	0.53647	-1.86404	0.00579338	0.181598	-5.50666	0.958998	0.976028	-1.02456	0.00236783	0.13522	-7.39536	4.78115	16.8672	3.13588	1
cg08248955	0.430112	1.48216	1.48216	0.00350757	6.92216	6.92216	0.0108593	4.77193	4.77193	0.878172	0.927792	-1.07783	4.72719	17.8729	3.36078	1
cg08798295	0.0882392	3.28882	3.28882	0.00244107	14.4283	14.4283	0.0071412	9.01451	9.01451	0.719998	1.25585	1.25585	4.58915	29.1133	5.63905	1
cg11699265	0.531365	0.778562	-1.28442	0.0881034	0.47568	-2.10226	0.551186	1.26877	1.26877	0.681349	0.849591	-1.17704	4.27855	10.5613	2.19417	1
cg18470468	0.401581	0.644191	-1.55233	0.294369	0.572875	-1.74558	0.900441	1.06621	1.06621	0.134964	0.438043	-2.28288	3.62868	15.079	3.69378	1
cg18536843	0.604399	0.906303	-1.10338	0.00918517	0.536522	-1.86386	0.659035	0.919811	-1.08718	0.15173	0.748943	-1.33522	3.43669	1.92859	0.498824	1
cg19141132	0.326154	1.16077	1.16077	0.029129	0.685153	-1.45953	0.125414	1.27622	1.27622	0.00621365	0.591785	-1.6898	45.4022	15.5506	0.304451	1
cg00752852	0.0880269	0.69975	-1.42908	0.00122386	0.40776	-2.45242	0.149782	0.746131	-1.34025	0.243993	1.26008	1.26008	4.02349	2.29192	0.506343	1
cg09906780	0.0480017	0.604853	-1.65329	0.187685	1.36418	1.36418	0.11316	0.681488	-1.46738	0.75585	1.07184	1.07184	4.00145	3.13534	0.69649	1
cg16672685	0.749991	1.11005	1.11005	0.258046	0.680157	-1.47025	0.601944	0.842089	-1.18752	0.001195	0.212087	-4.71504	6.95589	11.7497	1.50148	1
cg05351940	0.0324452	0.164875	-6.06521	?	?	?	0.487418	0.608607	-1.6431	0.574582	0.671096	-1.4901	3.89535	26.4668	5.94515	1
cg12891476	0.420251	0.820581	-1.21865	0.0517541	1.70163	1.70163	0.327571	0.784515	-1.27467	0.03784	0.560855	-1.78299	4.39899	4.01766	0.811835	1
cg10526598	0.770731	0.869615	-1.14993	0.0197563	0.260311	-3.84156	0.50481	0.723572	-1.38203	0.0480272	0.339421	-2.94619	4.19579	15.189	3.21783	1
cg24022402	0.0520124	0.796457	-1.25556	0.00239597	0.64689	-1.54586	0.377863	1.09763	1.09763	0.0143255	1.36463	1.36463	7.20613	1.20967	0.149215	1
cg16457027	0.534898	1.08644	1.08644	0.00281328	0.581044	-1.72104	0.211628	1.18957	1.18957	0.526454	1.08836	1.08836	5.29995	1.46074	0.244989	1
cg12190423	0.0641245	1.18552	1.18552	0.127685	0.873956	-1.14422	0.165322	0.88599	-1.12868	0.0791125	1.17288	1.17288	3.86304	0.40937	0.0941964	1
cg03894271	0.334944	0.938345	-1.06571	0.166281	1.09907	1.09907	0.084892	1.12968	1.12968	0.00223902	1.31509	1.31509	3.53253	0.229146	0.05766	1
cg02721184	0.00990723	0.184747	-5.41281	0.101418	2.47901	2.47901	0.977531	1.01416	1.01416	0.992068	1.00497	1.00497	7.9759	30.806	3.00407	1
cg27345946	0.108046	0.453938	-2.20294	0.0174117	0.271421	-3.68431	0.151881	0.500832	-1.99668	0.00998826	0.231025	-4.32855	3.76879	12.1104	2.8563	1
cg08649360	0.115539	0.65288	-1.53168	9.84E-05	0.178382	-5.60595	0.0358131	1.838	1.838	0.0626161	0.593233	-1.68568	10.1167	9.95118	0.874345	1
cg00472373	0.0249587	0.435319	-2.29717	0.0117299	0.374761	-2.66837	0.569381	1.19633	1.19633	0.449744	0.78655	-1.27137	4.13416	6.36276	1.36806	1
cg14287565	0.0283636	0.509008	-1.9646	0.0719426	1.6891	1.6891	0.850315	1.05053	1.05053	0.00233906	0.330028	-3.03004	8.24676	8.89379	0.95863	1
cg06634950	0.0027098	0.401539	-2.49042	0.000238428	3.82008	3.82008	0.0218014	1.8338	1.8338	0.198715	0.74144	-1.34873	21.698	16.6734	0.683049	1
cg10350352	0.427206	1.59597	1.59597	0.553004	1.41352	1.41352	0.000226932	34.2755	34.2755	?	?	?	14.461	67.6988	4.68147	1
cg14222479	0.922199	1.0119	1.0119	0.0577754	1.29668	1.29668	3.81E-07	5.82991	5.82991	0.310076	0.880555	-1.13565	142.055	32.9967	0.206472	1
cg18664508	0.00905352	0.471018	-2.12306	4.15E-06	11.2368	11.2368	4.40E-05	5.79926	5.79926	0.491402	0.853328	-1.17188	47.309	38.5923	0.725111	1
cg15981995	0.081567	0.31649	-3.15966	0.0110891	6.67333	6.67333	0.00383506	10.2043	10.2043	0.546091	1.43919	1.43919	9.03834	50.8455	5.00047	1
cg03192231	0.239633	2.30551	2.30551	0.101157	3.37948	3.37948	0.0456122	4.73452	4.73452	0.180491	2.62402	2.62402	4.37107	31.8575	6.47845	1
cg16370778	0.142339	0.466371	-2.14422	0.051547	0.342391	-2.92064	0.00593995	5.69725	5.69725	0.528734	0.734433	-1.36159	3.65987	13.5579	3.29288	1
cg21849597	2.75E-05	0.365791	-2.7338	0.185871	1.18612	1.18612	0.000107719	2.29545	2.29545	0.00192569	1.70616	1.70616	42.5502	9.97975	0.20848	1
cg25003924	0.000191443	1.9064	1.9064	5.14E-05	2.17779	2.17779	0.00101102	1.6501	1.6501	0.945065	0.992949	-1.0071	29.2377	4.88199	0.148423	1
cg01383668	0.232802	0.897272	-1.11449	0.207889	0.891327	-1.12192	0.011687	1.31387	1.31387	0.00943142	1.32986	1.32986	10.9628	1.30323	0.105669	1
cg01955828	0.0541665	0.579982	-1.72419	0.0068982	0.418197	-2.39122	0.573399	1.15237	1.15237	0.00309365	0.364541	-2.74318	6.63286	6.52763	0.874787	1
cg13134248	0.173217	0.546148	-1.831	0.000673134	0.114115	-8.7631	0.28484	0.628971	-1.5899	0.049928	0.393285	-2.54269	5.84492	16.1255	2.45235	1
cg25063058	0.307949	1.57297	1.57297	0.723449	0.859168	-1.16392	0.409335	1.43551	1.43551	0.118146	2.08282	2.08282	4.63632	11.6483	2.19835	1
cg23479586	0.459278	1.1436	1.1436	0.00347475	0.493451	-2.02654	0.0153704	0.588769	-1.69846	0.24921	0.806968	-1.23921	3.66863	1.84259	0.44645	1
cg11494656	0.0466381	2.53644	2.53644	0.00103468	0.137331	-7.28167	0.356549	0.678818	-1.47315	0.453229	0.731869	-1.36636	10.0891	26.6692	2.34965	1
cg26468081	0.00682005	0.476614	-2.09813	0.212598	0.757627	-1.31991	0.761937	1.06635	1.06635	0.207128	1.32482	1.32482	13.1656	9.32097	0.629317	1
cg03213502	0.0776966	2.38304	2.38304	0.355932	0.656695	-1.52278	0.0156771	0.269333	-3.71288	0.000579635	0.094687	-10.5611	11.1264	34.5634	2.76127	1
cg22110267	0.342575	0.693761	-1.44142	0.951161	1.02317	1.02317	0.0224317	0.359638	-2.78058	0.0128651	0.315076	-3.17383	4.78959	10.6058	1.9683	1
cg02536026	0.637707	0.804742	-1.24263	0.14107	0.484341	-2.06466	0.166339	0.508695	-1.96581	0.011365	0.234265	-4.26866	4.33207	12.7919	2.95283	1
cg25868469	0.822513	1.02882	1.02882	0.00600974	1.57448	1.57448	0.455839	0.90843	-1.1008	0.47307	0.911854	-1.09667	3.86664	0.979143	0.225092	1
cg26248908	0.0331176	1.35018	1.35018	0.111285	1.23253	1.23253	0.0058019	1.54577	1.54577	0.017038	1.41992	1.41992	41.3	9.50144	0.204497	1
cg10606822	0.887664	0.990156	-1.00994	0.723504	0.975444	-1.02517	0.299808	1.07811	1.07811	0.0091545	0.793199	-1.26072	11.3426	0.880101	0.0689713	1
cg07971820	0.0861269	0.72938	-1.37103	0.0480155	0.686518	-1.45663	0.516993	1.11553	1.11553	0.943181	0.988208	-1.01193	8.50058	3.72824	0.389854	1
cg23779331	0.0522164	1.27286	1.27286	0.269953	0.882046	-1.13373	0.478679	0.924324	-1.08187	0.000617589	0.56222	-1.77866	8.40952	1.59	0.168063	1
cg22127215	0.326483	1.10287	1.10287	0.00105895	0.62628	-1.59673	0.628532	0.953975	-1.04825	0.430357	1.0809	1.0809	5.48593	0.811643	0.131511	1
cg03543600	0.0268131	1.81621	1.81621	0.486857	0.851525	-1.17436	0.00871825	0.467502	-2.13903	0.201454	1.35921	1.35921	5.05926	4.14737	0.728674	1
cg04217140	0.317151	1.33299	1.33299	0.000976442	3.90901	3.90901	0.0153994	2.2852	2.2852	0.0843655	0.588212	-1.70007	4.65632	5.69722	1.0876	1
cg22654677	0.619661	1.08043	1.08043	0.124909	1.29283	1.29283	0.0727448	0.733796	-1.36278	0.00157282	0.495589	-2.0178	4.51363	1.70896	0.336553	1
cg00122941	0.009538	0.706188	-1.41605	0.196164	0.865174	-1.15584	0.0370875	0.773763	-1.29239	0.354175	0.90393	-1.10628	4.39012	0.780636	0.158059	1
cg21235989	0.830029	1.02574	1.02574	0.000123829	0.453334	-2.20588	0.377621	1.11294	1.11294	0.00850573	1.48729	1.48729	9.33009	2.06448	0.196686	1
cg23482747	0.755995	1.11393	1.11393	0.0166331	0.36341	-2.75171	0.05821	2.09797	2.09797	0.0578543	0.476022	-2.10074	5.45074	10.3435	1.68679	1
cg23526474	0.122402	0.68966	-1.44999	0.00676566	0.458814	-2.17953	0.00941734	0.481653	-2.07618	0.0427793	0.595969	-1.67794	5.24611	4.09297	0.693503	1
cg06377221	0.466501	1.17	1.17	0.00451621	0.448506	-2.22963	0.354717	1.22352	1.22352	0.507309	1.15319	1.15319	4.75476	3.38074	0.632019	1
cg19328697	0.324417	1.15028	1.15028	0.0037846	0.584237	-1.71163	0.884105	0.980134	-1.02027	0.0452895	1.37154	1.37154	4.11614	1.23381	0.266443	1
cg08597345	0.00419076	0.328468	-3.04444	1.79E-05	0.0785786	-12.7261	0.493067	0.817065	-1.22389	0.344091	0.753628	-1.32692	14.7198	19.638	1.18588	1
cg25476262	0.229065	0.748218	-1.33651	0.0661369	1.60589	1.60589	0.985876	0.99594	-1.00408	0.671092	1.10314	1.10314	10.3221	8.63336	0.743466	1
cg02896705	0.991644	1.00086	1.00086	0.182581	1.12266	1.12266	0.105075	1.15588	1.15588	0.74714	0.973887	-1.02681	5.73545	0.607725	0.0941862	1
cg01462053	0.0142207	4.62633	4.62633	0.360773	1.58726	1.58726	0.767019	0.864542	-1.15668	0.722811	1.19066	1.19066	3.98835	14.8281	2.89166	1
cg07504428	0.00966776	0.393352	-2.54225	0.0199509	0.449129	-2.22653	0.747392	1.09646	1.09646	0.0640206	0.552584	-1.80968	6.95927	8.95045	1.14322	1
cg09149294	0.738187	0.978332	-1.02215	0.0710373	0.876608	-1.14076	0.460258	1.05032	1.05032	0.761066	1.02012	1.02012	9.26494	0.625741	0.0600344	1
cg09444637	0.388233	0.951233	-1.05127	0.000500913	0.73511	-1.36034	0.00939385	0.830124	-1.20464	0.233994	1.07309	1.07309	8.37698	0.42408	0.0449995	1
cg18079334	0.890529	0.982976	-1.01732	0.0762094	0.781932	-1.27888	0.271381	1.15346	1.15346	0.673638	0.948554	-1.05424	7.447	1.83365	0.218868	1
cg18010014	0.000617414	0.266142	-3.75739	0.560914	0.86272	-1.15912	0.0429664	1.79493	1.79493	0.0083182	0.428644	-2.33294	7.20048	7.19294	0.887958	1
cg09442792	0.803919	1.04116	1.04116	0.000725004	0.434474	-2.30163	0.554336	1.10185	1.10185	0.371089	0.861628	-1.16059	6.5154	2.71347	0.370196	1
cg07626874	0.378709	0.691195	-1.44677	0.654941	0.831971	-1.20196	0.304167	1.54527	1.54527	0.351525	1.48009	1.48009	5.85485	15.508	2.35444	1
cg13398806	0.777719	1.09192	1.09192	0.462982	0.79284	-1.26129	0.322782	0.728078	-1.37348	0.29315	1.40333	1.40333	3.89109	5.94982	1.35919	1
cg24643749	0.778886	1.04674	1.04674	0.00782012	0.574642	-1.74021	0.335218	1.175	1.175	0.0880851	1.35722	1.35722	3.88347	1.61974	0.370743	1
cg14335435	0.264371	0.802266	-1.24647	0.0251749	1.65571	1.65571	0.455668	0.865981	-1.15476	0.71933	0.933943	-1.07073	3.47199	1.97219	0.504913	1
cg00091596	0.887633	0.971476	-1.02936	0.565791	1.12617	1.12617	0.370347	1.20719	1.20719	0.0518661	1.57275	1.57275	3.399	2.25535	0.589807	1
cg18859211	0.032446	0.750904	-1.33173	0.0021788	0.611433	-1.6355	0.0181248	0.720126	-1.38865	0.000134769	0.4693	-2.13083	44.0274	9.12782	0.184286	1
cg16117653	0.0245548	0.712835	-1.40285	0.400586	0.896952	-1.11489	0.141447	1.22123	1.22123	0.000441806	0.495952	-2.01632	16.5741	4.19357	0.224907	1
cg22898924	0.658726	0.900463	-1.11054	0.000150958	0.215599	-4.63824	0.471428	0.841309	-1.18862	0.000429707	0.268674	-3.72199	10.7787	9.49829	0.783294	1
cg08364410	0.365158	0.805753	-1.24107	0.00159171	0.349311	-2.86278	0.22456	0.743704	-1.34462	0.0211567	0.525512	-1.90291	9.0094	7.68751	0.758468	1
cg12255509	0.27299	0.648055	-1.54308	0.000977876	0.154981	-6.45239	0.0397916	0.405056	-2.46879	0.018109	0.335776	-2.97817	5.87006	13.4398	2.03516	1
cg10031203	0.298134	0.765512	-1.30632	0.0371954	0.549202	-1.82082	0.476784	0.835906	-1.19631	0.0415288	0.558602	-1.79018	5.22372	5.07846	0.864172	1
cg04946561	0.125126	0.560626	-1.78372	0.000876474	0.175614	-5.6943	0.790722	0.911448	-1.09716	0.0362492	0.427913	-2.33692	5.20844	10.0253	1.71095	1
cg14242359	0.632829	0.915267	-1.09258	0.000598675	0.377496	-2.64904	0.773644	0.948335	-1.05448	0.552906	0.895451	-1.11676	5.05864	2.71105	0.476376	1
cg11297817	2.82E-12	0.796551	-1.25541	5.67E-12	1.17386	1.17386	1.71E-13	0.397076	-2.51841	?	?	?	2.73E+12	4.35068	4.55E-13	1
cg02405329	0.624666	1.08053	1.08053	0.00466499	1.80566	1.80566	0.51218	0.900848	-1.11006	0.140888	0.779757	-1.28245	15.7201	6.14276	0.34734	1
cg00704796	0.0110963	1.33382	1.33382	0.00162818	0.664743	-1.50434	0.855334	1.01665	1.01665	0.0157684	1.30681	1.30681	10.2265	1.3252	0.115187	1
cg27179327	0.000791501	0.528579	-1.89187	0.839514	0.974826	-1.02582	0.0106821	0.667965	-1.49708	0.485266	1.09326	1.09326	6.07979	1.5224	0.222581	1
cg23292766	0.0260637	0.691654	-1.44581	0.0141876	1.52567	1.52567	0.00466348	0.59141	-1.69087	0.738719	0.954342	-1.04784	4.66545	1.44014	0.274384	1
cg11577898	0.0700053	0.263074	-3.80122	0.00815093	0.107292	-9.32035	0.0178841	0.149995	-6.66689	0.0301151	0.186169	-5.37146	4.25233	29.2612	6.11662	1
cg15407517	8.32E-06	0.0547095	-18.2784	0.330814	0.740787	-1.34992	0.119865	1.65626	1.65626	0.857601	1.05517	1.05517	29.9483	42.4083	1.25871	1
cg25780675	0.341403	0.739749	-1.35181	0.000658348	0.200966	-4.97598	0.815146	0.93052	-1.07467	0.129363	0.604189	-1.65511	10.472	15.6809	1.33103	1
cg07379703	0.131145	0.733348	-1.36361	0.000915656	0.389509	-2.56733	0.746035	1.06379	1.06379	0.0602602	0.668163	-1.49664	6.50088	3.72775	0.509709	1
cg08393937	0.0465484	0.579207	-1.7265	0.299711	1.29366	1.29366	0.00555306	2.39365	2.39365	0.00272014	0.370926	-2.69595	6.05255	5.50174	0.807996	1
cg26470338	0.519728	1.13904	1.13904	0.0182821	1.77074	1.77074	0.53796	0.883018	-1.13248	0.957784	0.989495	-1.01062	4.02418	2.53653	0.560287	1
cg26802063	7.89E-05	0.0904712	-11.0532	0.0057935	0.296162	-3.37653	0.654899	1.16352	1.16352	0.058962	0.487747	-2.05024	16.8715	30.2834	1.59551	1
cg18828365	0.00433345	0.139556	-7.16559	0.0561843	0.327261	-3.05566	0.382322	0.629548	-1.58844	0.0608082	0.335676	-2.97906	7.45431	31.4945	3.75557	1
cg24893837	0.0743338	0.534127	-1.87221	0.00652518	0.327994	-3.04884	0.261826	0.691402	-1.44634	0.00530108	0.313802	-3.18672	5.10654	8.04484	1.40036	1
cg02173072	0.0171334	0.254183	-3.93418	0.00426638	0.16488	-6.06503	0.776381	0.874371	-1.14368	0.332065	0.623909	-1.6028	10.7127	37.7076	3.12879	1
cg09199027	0.676464	0.88434	-1.13079	0.0421481	0.50374	-1.98515	0.89553	0.962253	-1.03923	0.31304	0.736659	-1.35748	3.78083	5.13672	1.20767	1
cg04522721	0.0476461	0.30475	-3.28137	0.0352307	0.276186	-3.62075	0.0367769	0.280086	-3.57034	0.126728	0.420381	-2.37879	3.41509	14.8862	3.87461	1
cg26038441	0.400583	0.822042	-1.21648	0.0407683	1.71242	1.71242	0.351	0.803629	-1.24436	0.00104006	0.330919	-3.02188	43.0869	35.3964	0.730233	1
cg18537571	0.259248	0.71352	-1.4015	0.0789078	1.74989	1.74989	0.0598235	0.543873	-1.83866	0.0113983	0.403223	-2.48002	18.2232	23.7381	1.1579	1
cg21559133	0.0977785	1.37008	1.37008	0.0260575	0.632696	-1.58054	0.979442	0.995544	-1.00448	0.0139058	0.590536	-1.69338	18.0398	8.58433	0.422981	1
cg08582546	0.134103	0.66841	-1.49609	0.387475	1.24717	1.24717	0.840665	0.951045	-1.05148	0.442986	0.822798	-1.21536	16.9799	16.7213	0.875349	1
cg14258335	0.0543581	0.58008	-1.7239	0.0271487	0.520813	-1.92007	0.215447	0.722357	-1.38436	0.279057	0.755228	-1.3241	12.3166	12.1381	0.876004	1
cg13324949	0.00144476	0.296128	-3.37692	0.402312	1.25427	1.25427	0.991435	1.00284	1.00284	0.209525	0.704975	-1.41849	11.2425	12.4399	0.98356	1
cg09817171	0.69647	1.16165	1.16165	0.264315	1.56005	1.56005	0.915731	0.960351	-1.04129	0.448321	0.744268	-1.3436	10.3149	23.8673	2.05676	1
cg01337545	0.196628	1.38537	1.38537	0.0504095	0.587166	-1.70309	0.167715	1.42061	1.42061	0.00412215	0.399074	-2.5058	8.21913	7.421	0.802573	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(125T vs. N)	Fold-Change(125T vs. N)	p-value(127T vs. N)	Fold-Change(127T vs. N)	p-value(131T vs. N)	Fold-Change(131T vs. N)	Ratio(563T vs. 637 vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg22366897	ARSD;ARSD	0.00581341	0.469236	1.0287	1.17027	0.0774695	0.650607	-1.53703	0.000336314	0.2860951	-3.437	0.628461	0.9011111	-1.10974	0.0857202	0.666592	1.500217	0.451555	1.17797	1.17797	0.00705304	0.10366	2.10396	0.70339	1.07513	1.07513	0.8601002	0.063029	-1.03839	7.0071	5.06077	0.6401886	1
cg03210191	ARSD;ARSD	0.00658438	0.16242	0.67447	-1.48264	0.1634316	0.4600634	-2.17092	0.00122336	0.2867451	-3.48742	0.154678	0.6688222	-1.49517	0.0100959	0.6719954	2.048851	0.414386	0.802265	-1.24647	0.0100371	0.423956	-2.35873	0.257451	0.731932	-1.36625	0.883296	1.03955	5.74232	7.44568	0.9816618	1
cg00464140	ARSD;ARSD	0.00669844	0.0128689	1.6079	1.6079	0.230936	0.824289	-1.21317	0.000862627	0.4663991	-2.15801	0.98965	0.9980007	-1.002	0.0360785	0.687386	-1.45479	0.502135	1.11042	1.11042	0.8883329	0.749308	-1.33456	0.870724	1.02536	1.02536	0.01005586	0.6099795	-1.6399	6.70644	2.51145	0.3328744	1
cg04730661	ARSD;ARSD	0.0160984	0.1248	0.568459	-1.75934	0.0181718	0.377252	-2.65903	0.00509143	0.2835353	-3.52592	0.01870947	0.3795983	-2.63443	0.380288	0.7364047	-1.35787	0.193558	0.626489	-1.5962	0.00914071	0.324504	-3.08162	0.0169255	0.693887	2.69187	0.2573191	0.6690012	-1.49474	5.78404	10.5844	1.62661	1
cg00452819	ARSD;ARSD	0.014204	0.178926	0.780495	-1.28124	0.00107126	2.31358	2.31358	0.00267583	0.205556	2.956766	0.996783	1.0007	0.0007	0.482688	1.13183	1.13183	0.859254	0.969663	-1.03129	0.373124	1.17198	0.712553	0.937791	-1.06634	0.895314	0.977409	-2.02311	5.27473	2.51665	0.4241002	1
cg01867462	ARSD;ARSD	0.0189628	0.0668308	0.474141	-2.10908	0.00978351	0.305338	-2.72506	0.00463197	0.2545881	-3.92795	0.7837955	1.00505	0.00942941	0.632673	-1.30389	0.3089	0.840953	0.500595	-1.99762	0.2564911	1.5375	1.5375	0.137189	0.5590933	-1.78861	0.0812559	0.4955622	-2.01767	4.79023	10.0072	1.85695	1
cg05479376	ARSD;ARSD	0.0237118	0.516799	1.4233	1.4233	0.000524403	18.2204	18.2204	0.0258823	4.13903	4.13903	0.205917	2.04732	2.04732	0.577817	1.35247	1.35247	0.32662	1.72262	1.72262	0.615783	0.76207	-1.31222	0.445835	1.51789	1.51789	0.5906882	0.7470085	-1.33854	4.43791	20.2692	4.05981	1
cg16841079	ARSD;ARSD	0.027012	0.298346	0.641623	-1.55855	0.0208166	0.680098	-2.40244	0.00169846	0.315559	-3.18919	0.826614	1.094541	0.09094122	0.129069	-1.7478	0.848666	0.934374	-1.08161	0.0855768	0.440886	-2.23278	0.8994828	0.94048	-1.05321	0.9594582	0.416549	-2.40068	4.2399	11.3787	2.58553	1
cg03723195	ARSD;ARSD;ARSD;ARSD	1.15E-07	0.0113514	0.732791	-1.36401	1.85E-09	16.6321	16.6321	3.24E-05	2.20904	2.20904	0.00244442	0.81105	1.81105	0.00117673	0.516174	-1.93733	0.000725062	0.603981	-1.65568	0.362779	0.913163	-1.09205	0.956128	0.956424	-1.04556	0.195472	1.14373	1.14373	126.902	19.3356	0.1354337	1
cg08464958	ARSE	0.0071462	0.213447	0.646863	-1.54592	0.000599267	0.171931	-5.81628	0.00185707	0.230239	-4.34331	0.244461	0.667065	-1.4991	0.0133897	0.361143	-2.76898	0.130759	0.581246	-1.72044	0.496353	1.25816	1.25816	0.433784	1.30418	1.30418	0.2189777	0.6505594	-1.53706	6.57259	11.5088	1.55647	1
cg07160107	ARSE;ARSE	0.0421464	0.0688225	0.459313	-2.17696	0.0287665	0.642192	-2.444	0.0124206	0.363278	-2.75271	0.0224445	0.351784	0.00107676	0.2800444	0.40968	-2.44106	0.037709	0.398181	-2.51137	0.0614164	0.398358	-2.54545	0.0639631	0.451392	-2.21537	0.163208	0.566329	-1.76576	3.612666	8151	2.05475	1
cg03598947	ARSF	7.33E-07	0.328007	0.904291	-1.10584	0.155669	6.89553	-1.16343	4.02E-06	0.344124	-2.90593	0.674773	0.9588221	-1.04295	1.09E-08	0.102032	-9.80084	0.131562	1.7161	1.7161	0.0947045	1.20082	1.20082	0.0528259	0.8030377	-1.24521	8.40E-05	0.494164	-2.02362	79.3756	12.4815	0.1397754	1
cg03845193	ARSF	9.35E-06	0.229494	0.756985	-1.32103	8.57E-05	0.120964	-1.74663	0.000707757	0.32003	-3.12479	9.85E-05	0.217191	-4.60425	2.25E-06	0.0076426	-13.0854	0.000178	0.0015892	0.0036407	-2.58744	0.0003084	0.0015892	0.0036407	-2.58794	0.000308403	0.2743097	-3.64456	41.2803	31.3738	0.6863199	1
cg01080552	ARSF	0.00206817	0.00729356	0.42612	-2.34676	0.0357947	0.58286	-1.71568	0.00379882	0.527278	-1.89653	0.00667786	0.419981	-2.38106	0.000252415	0.225916	-4.42589	0.437977	0.8228	-1.21536	0.010854	0.454488	-2.20029	0.000431571	0.25239	-3.96213	0.0108291	0.454319	-2.2011	9.54813	9.1904	0.8550608	1
cg27435799	ARSF	0.00429011	0.00132538	0.199307	-7.17841	0.00434642	0.200167	-4.99583	0.00836706	0.241178	-4.16432	0.0923768	0.457536	-2.18562	0.00105052	0.129197	-7.7401	0.256063	1.64947	1.64947	0.026068	0.5970289	0.742	-1.34771	0.509181	0.753768	-1.32667	0.68819	21.697	2.50856	1
cg05699806	ARSF	0.0254905	0.0148527	-1.1494	0.0665017	0.0276405	0.274405	-1.59425	0.00197283	0.1852	-2.18911	0.0077	0.2697	1.0077	0.592725	0.858685	-1.16457	0.104198	1.605776	-1.65078	0.129173	0.629698	-1.58829	0.154007	0.650399	-1.53823	0.155452	1.54295	4.15428	5.23872	1.32093	1
cg11777978	ARSG	0.00165495	0.0189835	0.708129	-1.41217	0.000728938	0.535736	-1.86659	0.00830589	0.663666	-1.50678	0.167977	1.1905	1.1905	0.000375877	0.501148	-1.99542	0.169304	0.837701	-1.19473	0.0193023	0.709037	-1.41036	0.754372	0.962581	-1.03887	0.00142982	0.5709882	-1.75137	10.1866	2.38199	0.2078541	1
cg14778914	ARSG	0.00645353	0.578452	0.880123	-1.13602	0.0241606	0.404517	-2.47209	0.2183593	0.755157	-1.32423	0.83995	0.9503939	-1.04708	0.0101648	0.55901	-1.786	0.042401	0.58823	-1.70001	0.2387771	0.7552641	-1.32405	0.00025853	0.2546037	-3.9267	0.00262516	0.387684	-2.57942	7.50581	6.15247	0.728618	1
cg00117908	ARSG;ARSG	0.00156151	0.08906541	0.665561	-1.50702	0.04403325	0.602847	-1.65379	0.10076	0.68035	-1.46983	0.417383	1.15873	1.15873	0.00085578	0.534266	-1.87063	0.0243848	1.79803	1.79803	0.37899	2.12823	2.12823	0.206184	0.7470642	-1.33861	0.0189496	0.5137159	-1.86165	6.47088	4.90226	0.6734111	1
cg00495944	ARSG	0.0159051	0.543812	0.836648	-1.19525	0.0123156	0.404897	-2.46976	0.129511	0.621612	-1.60872	0.424877	1.26687	1.26687	0.0106287	2.54074	2.54074	0.009121	2.61552	2.61552	0.139553	1.58645	1.58645	0.248596	0.7046534	-1.41918	0.6798849	0.8865323	-1.128	5.08103	6.78011	1.18613	1
cg26639043	ARSG;SLC16A6	0.00410614	0.00328262	1.95701	1.95701	0.00430188	1.95567	1.95567	0.221204	1.2405	1.2405	1.134576	1.31096	1.31096	0.145471	1.29948	1.29948	1.88918	2.08035	2.08035	0.0063956	2.34304	2.34304	1.177787	0.0044164	1.88918	1.88918	0.0001356	2.66586	0.0168256	1.63045	1.67065	3.74007	0.6404	3.954005	1
cg23406407	ARSG;SLC16A6	0.0125312	0.939863	0.987007	-1.01316	0.0682141	0.900125	-1.04104	0.0130181	-1.42466	0.0545104	0.530181	-1.88654	0.989706	1.00224	1.00224	-13.4238	0.758387	1.31859	0.029077	0.640274	-1.56183	0.0413453	0.449826	-2.22308	0.281857	1.25173	1.25173	0.0383886	0.659776	-1.51567	5.495558	2.6149	0.4229351	1
cg12509712	ARSG;SLC16A6	0.0164937	0.0402459	0.732994	-1.36431	0.0136217	0.242364	-4.12511	0.0130703	0.242864	-4.11755	0.0040559	0.340072	-2.94056	0.0065131	0.493643	-2.02577	0.0221721	0.626985	-1.59573	0.0400027	0.579705	-1.72476	0.0313109	0.5129209	-1.94962	0.0184756	0.5010059	-1.99572	0.0133109	-1.89462	0.0487456	0.5196059	2.1442	1
cg17916916	ARSG;SLC16A6	0.0435684	0.0103084	0.178335	-5.60742	0.0797736	0.3545	-2.82088	0.305482	0.56781	-1.76115	0.148221	0.437243	-2.28706	0.0107997	0.181242	-5.51748	0.149561	0.434927	-2.29924	0.0079422	0.162764	-6.14386	0.0816046	0.357195	-2.79959	0.15448	0.443549	-2.25454	3.56836	16.0786	4.00521	1
cg26715510	ARSH	1.19E-05	0.680128	1.10169	1.10169	4.20E-05	0.161816	-6.17988	0.00188116	0.229545	-4.35645	0.17194	0.712004	-1.40449	8.84E-07	0.0369816	-27.0405	0.072162	1.60116	1.60116	0.19108	1.38177	1.38177	0.231588	0.745793	-1.34085	8.25E-05	0.190784	-5.24153	38.7526	33.4911	0.7682202	1
cg22688927	ARSH	1.99E-05	0.614184	1.0497	1.0497	0.0002137	0.557645	-1.79331	0.00159812	0.233421	-4.28145	0.12933	0.6018	-1.66123	0.00159812	0.233421	-4.28145	0.104198	1.605776	-1.65078	0.129173	0.629698	-1.58829	0.154007	0.650399	-1.53823	0.155452	1.54295	4.15428	5.23872	1.32093	1
cg13965132	ARSH	0.00020796	0.708191	0.900546	-1.11044	0.000109482	0.149874	-6.67226	0.000554279	0.224672	-4.45094	0.814147	0.9364971	-1.06781	5.17E-05	0.121223	-8.24928	0.122919	1.59306	1.59306	0.168341	1.5053	1.5053	0.790119	0.928374	-1.07735	0.000511274	0.205226	-4.53461	18.1344	22.2937	1.09277	1
cg11440834	ARSH	0.0047917	0.782446	1.0315	1.0315	0.0139302	0.165992	-6.4605	0.0038374	0.2818	-3.54783	0.0138	0.2182	-4.58309	-1.2824	0.135178	-7.39203	0.740513	0.82015	-1.21926	0.0035978613	0.6572199	-1.52105	0.0047595	0.2102	-4.75734	0.0012356	0.1912313	-5.23645	0.2556615	43.9345	5.01026	1
cg27446382	ARSH	0.0109583	0.0242341	0.405402	-2.46668	0.00951884	0.331589	-3.01578	0.0014656	0.213571	-4.68224	0.0481128	0.402711	1.02211	0.0221014	0.0249959	2.243729	4.10292	0.867875	0.945579	-1.05755	0.749109	1.11387	1.32164	0.709123	-1.41019	0.343314	0.720286	-1.38834	7.539555	10.2679	1.59021	1
cg16633129	ARSI	0.000301206	0.0126106	0.667753	-1.49756	0.0707807	1.38546	1.38546	0.0182366	0.678522	-1.47379	3.98E-06	0.177084	-5.64705	0.316621	0.840642	-1.18197	0.269081	1.20427	1.20427	0.69593	1.06568	1.06568	0.73135	0.945866	-1.05723	0.57293	1.09635	1.09635	16.4023	6.77444	0.3671266	1
cg20873205	ARSI	0.0208707	0.0258207	0.675437	-1.48055	0.0438209	0.955567	-1.04662	-1.42161	0.671453	-1.48937	0.0164648	0.727714	-1.37413	0.0164648	0.727714	-1.37413	0.002723	0.40451	-2.47213	0.0150004	0.644141	-1.55306	0.0009722	0.454561	-2.19992	0.637889	0.930558	-1.07462	0.81718	2.93186	0.324473	1
cg10941067	ARSI	0.0155602	0.459776	0.887777	-1.12641	0.0454754	0.695725	-1.43735	0.013081	1.62712	1.62712	0.159183	0.788236	-1.26866	0.0534818	0.706884	-1.41464	0.282905	1.19299	1.19299	0.0571825	1.77363	1.77363	0.16208	1.1604	1.1604	0.186989	1.24758	1.24758	5.11816	2.02756	0.3521133	1
cg12281328	ARSI	0.0268853	0.633377	0.82471	-1.21237	0.0134523	0.25324	-3.95042	0.0138264	0.49914	2.00914	0.310236	1.396	1.396	0.0861714	0.74032	-1.35122	0.030384	1.45157	1.45157	0.0445	4.7022	4.7022	0.0318188	0.09555	4.09055	0.0093043	1.25383	1.25383	4.5254	3.61457	0.7985272	1
cg02613713	ARSI	0.0306293	0.839247	0.935933	-1.06845	0.299019	1.42032	1.42032	0.578859	1.20054	1.20054	0.577955	0.83259	-1.20107	0.209136	0.644539	-1.5515	0.858605	0.943528	-1.05985	0.0472787	2.09574	2.09574	0.00136078	0.219676	-4.55216	0.254886	1.678746	-1.4733	-4.05678	5.8273	1.49594	1
cg00673106	ARSI	0.0413313	0.6436	0.875693	-1.14195	0.0189236	2.74745	2.74745	0.0456823	1.92082	1.92082	0.251725	0.792082	1.92082	0.251725	0.792082	-1.26255	0.785942	0.925183	-1.08066	0.053883	1.86553	1.86553	0.023493	0.462586	-2.16176	0.310146	1.34861	1.34861	3.63889	4.67796	1.14271	1
cg02652824	ARSI	0.0475448	0.140416	0.678827	-1.47339	0.0507601	0.223323	-4.47753	0.0068719	0.298716	-3.34821	0.0010038	0.2616137	-3.82127	0.0010038	0.2616137	-3.82127	0.0013555	0.3292	0.758052	0.0610419	0.599494	-1.66803	0.1440644	0.4125104	2.42483	0.0015216	0.1258184	7.94539	0.1258184	0.0158317	0.1258184	0.0158317	0.1258184	0.0158317	0.1258184	0.0158317	1
cg02580607	ARSI;ARSI	0.0087679	0.0397796	0.75813	0.75813	0.0031718	39.6221	39.6221	0.0609958	6.87306	6.87306	0.0965117	5.28967	5.28967	0.0181832	13.7057	13.7057	0.017463	14.0305	14.0305	0.0013397	70.4674	70.4674	0.00733188	23.4657	23.4657	0.025249	11.3459	11.3459	6.16124	81.3179	11.7318	1
cg15101982	ARSI;ARSI	0.0204848	0.0202048	0.32529	-3.07403	0.0077221	0.479147	-2.08704	1.16E-05	0.153847	-6.5043	8.65E-05	0.313842	-3.18632	8.39E-08	0.0054595	-18.3286	0.0046396	1.8538	1.8538	0.0719189	2.16288	2.16288	0.0311554	0.0475511	2.12084	0.0013158	0.2424422	0.3809383	1	
cg17953141	ARSI;ARSI	0.0398324	0.773307	1.17828	1.17828	0.0128266	0.78691	-1.78691	0.0670067	0.320889	3.20889	0.0359486	0.998883	0.998888	0.21626	0.91627	1.94601	0.9594	0.0979616	0.280431	2.80431	0.187011	2.2132	0.0479	0.2084	4.79782	0.1195394	0.3835804	0.1870111	2.2132	1.5256	0.4413114	1
cg26862964	ARSI	0.00136789	0.676312	0.921234	-1.0855	0.960125	0.990278	-1.00982	0.202206	0.768667	-1.30095	0.874812	0.9699663	-1.03129	6.14E-05	0.235827	-4.2404	0.008644978	0.1750387	-2.66605	0.0464549	0.640414	-1.56149	0.828056	1.04342	1.04342	0.0020877	0.429026	-2.33086	10.7609	6.5068	0.5374831	1
cg07840120	ARSJ	0.3679732	0.1392	0.4611	-2.16955	0.0030842	0.646	-1.54825	0.0154315	0.576507	-1.73456	0.0127	0.4217	-2.37148	0.995331	1.00224	-446.42	0.539977	0.71498	0.71498	0.0153702	0.650755	-1.53702	0.0045217	0.2371	-4.21827	0.0421188	0.735879	-1.35892	5.56673	1.98589	0.3571502	1
cg15922611	ARSJ	0.042356	0.263461	0.630264	-1.58664	0.0994027	0.630445	0.163045	0.644323	1.20212	1.20212	0.459276	0.7023	-1.42375	0.459276	0.7023	-1.42375	0.858339	0.916097	-1.07331	0.0213397	0.934385	-2.99057	0.0599574	2.32068	2.32068	0.602399	0.812102	-1.23157	10.6602	8.95527	0.20749	1
cg18378813	ARSJ;ARSJ	0.0042642	0.0265131	0.485933	-2.05782	0.0145456	0.0185456	0.18546	0.0184644	0.1425	-7.01459	0.0003546	0.1425	-7.01459	0.0003546	0.1425	-7.01459	0.108488	1.8538	1.8538	0.0719189	2.16288	2.16288	0.0311554	0.0475511	2.12084	0.0013158	0.2424422	0.3809383	1	
cg12244551	ARSJ;ARSJ	0.0141255	0.0195941	6.10864	6.10864	0.0168277	0.49906	0.49906	0.0187945	6.21289	6.21289	0.119729	2.95421	2.95421	0.0105688	7.87476	7.87476	0.0637635	3.80843	3.80843	0.00263567	14.4515	14.4515	0.00737134	9.16835	9.16835	0.0639865	5.80313	3.80313	5.28436	34.4592	5.79643	1
cg04823455	ARSJ;ARSJ	0.0211538	0.2100907	1.09743	1.09743	0.0117751	1.77356	1.77356	0.0276	1.44606	1.44606	0.111797	0.58197	1.72009	0.111797	0.58197	1.72009	0.0399	0.3494	2.86193	0.0014981	1.07087	1.07087	0.0167	0.1487	6.72629	0.0013211	0.1440944	0.1487	6.72629	0.0957965	-1.43488	0.8524	0.1173	8.5222	43.9345	5.01026	1
cg06344408	ARSK	0.00144875	0.43479	1.13426	1.13426	0.00710727	0.576602	-1.7343	0.0192297	0.6386	-1.56592	0.650269	0.97495	0.97495	-1.0257	0.290502	-3.4232	0.0284065	0.663913	-1.50622	0.1646	-6.07319	0.108123	1.31991	1.31991	0.0011632	0.669443	-2.12792	19.9189	7.59901	0.3529551	1
cg22905726	ARSK	0.00082738	0.000922434	0.335646	-2.97933	0.00438213	0.432015	-2.31474	0.0364129	0.584823	-1.70992	0.32931	0.802368	-1.24647	4.75E-05	0.184414	-5.42257	0.0721014	0.642247	-1.55703	0.000588534	0.309988	-3.22592	0.947981	0.985711	-1.0145	0.0222505	0.546408	-1.83013	12.4139	9.56538	0.684924	1
cg03073275	ARSK	0.0158063	0.15943	0.4973	-2.01099	0.0125606	0.118418	-8.4803	0.00276468	0.231668	-4.3166	0.47972	0.732705	-1.36507	0.47972	0.732705	-1.36507	0.0002388	0.225916	-4.42613	0.0001509	0.124749	-1.07954	0.0002722	0.279533	-3.57744	0.0001509	0.1247491	-8.0163	0.2795337	-1.37594	0.0076107	0.4274741	-2.33964	0.1598	0.863331	1
cg08934869	ARSK	0.00481664	0.15283	1.18854	1.18854	0.0307241	0.75103	-3.33151	0.245363	0.871902	-1.14692	0.358167	0.898887	-1.11249	0.536298	0.1732	0.1732	0.000180985	0.23438	0.0327166	1.343	1.343	0.908833	1.01301	1.01301	0.545923	0.933377	-1.07138	7.42268	4.96616	0.17917	1
cg07703281	ARSK;ARSK;TTC37	0.0017096	0.365095	1.06651	1.06651	0.0110311	1.34458	1.34458	0.0146	0.537688	1.04413	1.04413	0.0490663	1.5682	1.5682	0.0208366	1.21231	1.21231	1.2131	0.249856	1.1686	0.0039934	0.731889	1.1686	0.0033	0.876765	-1.13941	0.905431	0.990731	-1.00936	0.554253	1.954207	-1.04799	24.3708	2.36982	0.08643458	1
cg00730996	ARSK;TTC37	0.00159361	0.000698237	0.635964	-1.57242	0.2584	1.10883	1.10883	0.010848	1.32315	1.32315	0.0174787	0.676698	-1.47777	0.501634	0.942055	-1.06151	0.008274	0.784126	-1.34486	0.0385502	1.0001	1.0001	0.194952	0.886023	-1.12749	0.282477	1.02169	1.02169	10.2683	1.2496	0.1078558	1
cg00244244	ARSK;TTC37	0.00970261	0.0134466	0.5	-2.0	0.0151857	0.0274405	-3.64425	0.0078852	0.318227	-3.14161	0.0099894	0.407554	-2.45355	0.0099894	0.407554	-2.45355	0.0013509	0.3292	0.758052	0.0610419	0.599494	-1.66803	0.1440644	0.4125104	2.42483	0.0015216	0.1258184	7.94539	0.1258184	0.0158317	0.1258184	0.0158317	0.1258184	0.0158317	0.1258184	0.0158317	1
cg00172593	ARSK;TTC37	0.0280035	0.940233	1.01211	1.01211	0.0352764	1.48223	1.48223	0.0103714	1.67899	1.67899	0.682137	1.06833	1.06833	0.67644	1.06969	1.06969	0.365268	1.16104	1.16104	0.0119703	0.604559	-1.6541	0.812989	0.966674	-1.03448	0.058499	0.709564	-1.40932	4.1876	1.70875	0.3627111	1
cg16003678	ARSL	0.0168845	0.938048	-1.06504	0.0107272	0.479147	-2.08704	1.16E-05	0.153847	-6.5043	8.65E-05	0.313842	-3.18632	8.39E-08	0.0054595	-18.3286	0.0046396	1.8538	1.8538	0.0719189	2.16288	2.16288	0.0311554	0.0475511	2.12084	0.0013158	0.2424422	0.3809383	1		
cg21407055	ARSL	0.00010588	0.383076	0.825898	-1.2108	5.99E-05	0.204636	-4.88673	0.176466	0.735425	-1.35976	0.382513	0.825730	-1.21109	1.22E-05	0.138931	7.19779	0.000852147	0.342387	0.259269	0.0003506476	0.216745	4.936	0.195839	-5.10623	0.00446275	0.44439	-2.25027	21.7986	15.7892	0.643842	1
cg08776641	ARTI	0.00012678	4.97E-05	0.257748	-3.87976	0.835238	0.963604	-1.03777	0.194818	0.783388	-1.27651	0.000186045	0.325203	-3.075	0.000118574	0.30152	-3.31653	0.202635	1.27054	1.27054	0.00384179	2.00088	2.00088	0.0114042	0.56909	-1.75719	0.00184317	0.4550951	-2.19736	20.7762	10.4274	0.4461225	1
cg10132376	ARTI	0.00149839	0.0154363	0.527317	-1.89625	0.0152594	0.369655	0.0050259	0.0082297	0.227207	-4.40157	0.0015483	0.2406	-4.15702	0.0015483	0.2406	-4.15702	0.0002388	0.225916	-4.42613	0.0001509	0.124749	-1.07954	0.0002722	0.279533	-3.57744	0.0001509	0.1247491	-8.0163	0.2795337	-1.37594	0.0076107	0.4274741	-2.33964	0.1598	0.863331	1
cg03425218	ARTI	0.00126892	0.111527	0.795306	-1.25738	0.136122	1.49681	1.49681	0.0129136	0.665103	-1.50353	0.736001	0.956272	-1.04573	0.000186691	0.429228	-2.32976	0.9376	1.1004	1.1004	0.00157043	1.82227	1.82227	0.530118	1.08767	0.449081	0.903096	-1.1073	10.9949	3.04033	0.2457961	1
cg08131169	ART3	0.0019468	0.0809467	0.7488	-1.33556	0.0394206	0.426266	-2.33574	0.0158755	0.277554	-3.60515	0.0026218	0.277554	-3.60515	0.0026218	0.277554	-3.60515	0.0049324	0.760642	-1.31507	0.0155034	0.597463	-1.67398	0.0074854	0.4090821	2.44462	0.0001509	0.1247491	-8.0163	0.2795337	-1.37594	0.0076107	0.4274741	-2.33964	0.1598	0.863331	1
cg27321017	ART3	0.0410633	0.576508	0.800033	-1.24995	0.660826	0.19075	1.19075	0.366307	0.692812	-1.44339	0.485127	0.755413	-1.32378	0.1918915	0.579057	1.72694	0.499324	1.762494	-1.31149	0.000879957	0.139217	-7.18301	0.0402775	0.391853	-2.55197	0.979114	0.989702	-1.0104	1.64765	0.03245	2.2011	1
cg17517733	ART3	0.00522611	0.825054	0.965587	-1.03564	0.0367465	0.681261	-1.46787	0.00193655	0.499682	-2.00127	0.221737	1.2221	0.2211	0.0210944	0.644842	-1.55077	0.789094	0.958479	-1.04332	0.0078384	1.73172	1.75172	0.609496	1.0849	1.0849	0.0154241	1.60028	1.60028	7.24205	2.8691	0.352251	1
cg04979437	ART3	0.0100027	0.0090004	0.479483	-2.08603	0.0108187	0.256652	-3.89889	0.468474	0.904015	-1.10599	0.0140842

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs. N)	p-value(1577 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	T(Test)	SS(Test)	SS(Error)	df
cg18520310	ASAP1	1.75E-05	1.580386	1.28E-02	1.05892	0.00424403	0.675591	1.48019	0.8852359	0.822853	1.121528	0.00816436	1.414427	1.46E-06	0.312541	3.93E-06	1.39179	0.332368	-3.00871	0.00380549	1.42639	1.40639	0.0046746	0.959579	-1.04539	0.0035292	0.666768	-1.49977	15.0566	5.82973	0.147818	1
cg17665601	ASAP1	0.00181521	0.306352	0.86748	-1.15276	0.1108897	1.79203	-1.26258	0.0302614	0.710382	-1.40769	0.495904	0.911364	-1.09726	0.09559957	0.643705	1.55351	0.811888	1.968502	-1.03252	0.0545153	1.63452	1.63452	0.000180861	2.34095	2.34095	0.987214	1.00215	1.90154	2.83038	0.253681	1
cg00659129	ASAP1	0.00391581	0.0148112	0.270735	-3.69365	0.00480633	0.195825	-5.1066	0.00207402	0.151157	-6.61563	0.006001 74	0.209133	-4.78165	0.003993342	0.184095	-5.43199	0.0734301	0.41902	-2.36652	0.00406153	0.186175	-5.3713	0.180609	0.518193	-1.85807	0.00153711	0.137231	-7.28701	7.90297	23.7697	2.67351	1
cg24476165	ASAP1	0.00574147	0.1923147	0.676067	-1.47776	0.270585	0.723037	-1.38309	0.382147	0.993688	-1.00635	0.0921681	0.991881	-1.68976	0.000127974	0.151515	-6.60002	0.98327	1.00595	1.00595	0.87111	0.950088	-1.04702	0.83312	1.06153	1.06153	0.00434858	0.340172	-2.93969	7.03402	8.9216	1.12742	1
ch.8.29983127F	ASAP1	0.00694246	0.0115935	0.392442	-2.54815	0.000267817	0.169885	-5.88632	0.00610179	0.346139	-2.88901	0.0186359	0.429435	-2.32864	0.0971321	0.582975	-1.71534	0.456321	0.798636	-1.25214	0.0986431	0.584659	-1.7104	0.0343231	0.481085	-2.07864	0.341697	0.74799	-1.33692	6.63216	9.22651	1.2366	1
cg26744489	ASAP1	0.01213329	0.632633	0.916306	-1.08194	0.727651	1.06551	1.06551	0.001950034	0.453507	-1.22456	0.736201	1.06329	1.06329	0.276816	1.22787	1.22787	0.00905156	1.82637	1.82637	0.212841	0.788111	-1.26886	0.0630287	1.46159	1.46159	0.0656593	0.687355	-1.45485	5.55361	2.88707	0.463694	1
cg14653216	ASAP1	0.0133254	0.955514	1.02007	1.02007	0.1714496	0.699443	-1.42971	0.845204	0.955136	-1.04917	0.0120951	2.15594	2.15594	0.01788543	0.493257	-2.02734	0.132366	0.671151	-1.48998	0.930379	0.978772	-1.02169	0.00229519	2.84774	2.84774	0.913472	0.973663	-1.02705	5.38643	5.14368	0.84883	1
cg02771136	ASAP1	0.01341	0.0361114	0.229301	-4.56707	0.00747082	0.0624168	-16.0229	0.00087835	0.139452	-7.17092	0.172422	0.451729	-2.40503	0.00963183	0.198067	-5.24286	0.102585	0.33981	-2.94281	0.00881222	0.133284	-7.5036	0.0153122	0.227371	-4.39809	0.123489	0.3648883	-2.7406	5.37528	31.0859	5.14054	1
cg12268119	ASAP1	0.0220602	0.185086	0.616056	-5.62322	0.7526631	1.11512	1.11512	0.430283	0.757693	-1.3198	0.42016	0.75286	-1.32827	0.024728	0.197901	-5.51319	0.324035	0.703949	-1.42056	0.00157772	0.18119	-5.51319	0.513696	0.799303	-1.25643	0.6209053	0.842143	-1.18745	4.54967	8.56005	1.67241	1
ch.8.25998527	ASAP1	0.0254046	0.0130445	0.137142	-7.29171	0.00204653	0.0606174	-16.4969	0.0103325	0.124415	-8.03759	0.391977	0.567937	-1.76076	0.02757 34	0.186234	-5.36958	0.565436	0.687414	-1.45473	0.100228	0.312947	-3.19543	0.215299	0.431125	-2.31952	0.263032	0.470274	-2.12642	4.33295	28.5562	5.8582	1
cg14294721	ASAP1	0.0293075	0.161735	1.08982	1.08982	0.1823	0.7139	-1.40056	0.12151	0.176282	0.808676	-1.23658	0.39026	0.882979	1.14335	0.054371	0.906968	0.450267	0.90569	1.10417	0.161252	0.137204	0.25384	0.838677	-1.19255	4.12082	1.3043	0.383146	1
cg02108556	ASAP1	0.0332711	0.817689	1.04942	1.04942	0.2002023	0.822407	-1.28218	0.12514	0.706958	-1.41451	0.373367	0.827597	-1.20832	0.589457	1.12055	1.12055	0.381938	1.20603	1.20603	0.152238	1.37768	1.37768	0.302745	1.24985	1.24985	0.0726949	0.658156	-1.5194	3.93845	2.72246	0.614444	1
cg20612299	ASAP1/TLA9AP1	0.0499465	0.136086	0.469763	-2.12873	0.0318602	0.305562	-3.2744	0.0221393	0.242035	-4.1449	0.263037	0.706783	-1.2519	0.0401663	0.77933	-1.28315	0.527888	0.39099	-2.55808	0.00754444	0.197618	-5.06028	0.252337	1.37764	1.37764	0.0652155	0.373265	-2.67906	3.88551	11.9422	3.13182	1
cg05991902	ASAP2	0.00425901	0.790675	0.943526	-1.05985	0.788029	0.942813	-1.06066	0.77661	0.939732	-1.06413	0.948968	0.768501	-1.30123	2.93E-05	0.168891	-5.9939	0.00315362	0.414112	-2.4148	0.000319052	0.279902	-3.57269	0.0238922	1.80212	1.80212	0.00852491	0.480216	-2.0824	14.9391	11.2974	0.6721198	1
cg00013804	ASAP2	0.00214158	0.00582363	0.466072	-2.14559	0.622752	0.900479	-1.11052	0.00284106	0.459535	-2.38359	0.683993	1.09037	1.09037	0.0012481	0.369046	-2.70969	0.000905105	0.350113	-2.85622	0.000877868	0.348336	-2.87079	0.599723	0.894088	-1.11846	0.2152615	0.897664	1.114	9.45138	6.69016	0.6292	1
cg26168881	ASAP2	0.00116341	0.0026584	0.127532	-7.81062	0.0265789	0.0176228	-36.9098	0.00199352	0.340252	-2.939	0.000383446	0.153197	-6.52756	0.000440047	0.285433	-3.5045	0.0219329	0.400499	-2.49689	0.136348	0.587929	-1.70089	0.0309588	0.432419	-2.31257	0.00299464	0.259916	1.8474	0.29668	16.1272	1.54198	1
cg10766866	ASAP2	0.00491266	0.00212901	0.344928	-2.89916	0.526311	0.853574	-1.17154	0.0312096	1.86526	1.86526	0.120853	1.51408	1.51408	0.288293	0.761979	-1.31237	0.00438369	0.391323	-2.55544	0.0258826	1.92216	1.92216	0.04765 55	1.74831	1.74831	0.766439	0.929118	-1.07622	7.37816	7.10528	0.856013	1
cg24639134	ASAP2	0.00502152	0.0838183	0.615306	-1.62521	0.8829323	0.963288	-1.03811	0.0708844	1.66917	1.66917	0.000661696	3.75663	3.75663	0.01800825	0.482507	-2.07251	0.376607	1.07488	1.07488	0.905862	1.13271	1.13271	0.00445105	2.58454	2.58454	0.713377	0.916562	-1.09103	7.32898	7.47802	0.909066	1
cg14758414	ASAP2	0.00597094	0.0011227	0.252177	-6.06148	0.0388278	0.141942	-7.04512	0.0108573	0.156687	-6.38214	0.795309	0.864156	0.7	0.0108578	0.156557	-6.38293	0.0162383	0.182057	-5.49278	0.00341224	0.0996766	-10.0324	0.401855	0.608234	-1.6441	0.0052339	0.118303	-8.45286	6.94957	36.9602	4.72742	1
cg09533582	ASAP2	0.00601927	0.026862	0.509605	-1.9623	0.63525	1.13073	1.13073	0.251086	1.36114	1.36114	0.216656	0.715876	-1.39689	0.000172929	0.194017	-5.15419	0.683271	0.899899	-1.11124	0.133273	1.51651	1.51651	0.700713	1.1044	1.1044	0.10085	0.63	-1.5873	0.93229	7.25812	0.930668	1
cg00862889	ASAP2	0.0205979	0.788315	1.26782	1.26782	0.1439	0.654591	-1.52757	0.571028	0.902971	-1.10746	0.527462	1.10991	1.10991	0.663198	1.08127	1.08127	0.00004818	0.176767	-5.65645	0.000354	0.154631	-6.47045	0.0931254	1.08462	1.08462	0.0724599	0.539223	-1.85452	6.19447	3.11788	0.447406	1
cg22190705	ASAP2	0.0108318	0.0902805	0.679495	-1.47168	0.09205 09	0.681214	-1.46797	0.0721654	0.658938	-1.51759	0.939056	1.05195	1.05195	0.0750006	0.66336	-1.50748	0.403039	1.19379	1.19379	0.0409804	0.0238852	0.532861	-1.87666	0.0263118	0.57961	-1.7253	5.76103	3.9095	0.60321	1
cg27647607	ASAP2	0.0112583	0.0467407	0.295125	-3.38201	0.0931092	0.155379	-6.43589	0.0249211	0.748957	-1.33519	0.228198	0.624241	-1.60194	0.0019061	0.157027	-6.36455	0.564272	0.78226	-1.2784	0.0237096	0.332698	-3.00624	0.497521	0.98611	-1.01409	0.01939304	0.343778	-2.90885	5.68876	5.08304	2.2302515	1
cg17448874	ASAP2	0.0127188	0.00162428	0.292206	-3.42225	0.0162877	0.449214	-2.22611	0.282632	0.737762	-1.35545	0.948995	1.01758	1.01758	0.0221595	0.473717	2.11097	0.00320386	0.334189	-2.99232	0.166807	0.66929	-1.49412	0.518907	0.83683	-1.19499	0.0216581	0.47186	2.11927	5.46904	6.42787	1.04473	1
cg07815287	ASAP2	0.0135521	0.00797654	0.252091	-3.96681	0.116602	0.501149	-1.99542	0.0238901	0.350526	-2.85286	0.673673	0.842301	-1.18722	0.00281542	0.188735	2.98642	0.0219989	0.328519	-3.04197	0.0193407	0.316576	-3.1588	0.0454735	0.216219	-4.62494	0.7485	0.557267	-1.79447	0.55765	13.9288	2.31132	1
cg25376875	ASAP2	0.0148445	0.959906	0.833552	-1.20002	0.5044629	1.26125	2.51577	0.0442102	0.63875	1.63875	0.882272	1.07243	1.07243	0.6882388	1.24539	1.24539	0.0478864	0.421806	2.37101	0.0276526	0.0966182	-10.3515	0.0655963	0.964182	-1.03715	0.5559163	0.963954	1.03746	1.34156	4.83521	0.348405	1
cg19105810	ASAP2	0.0226171	0.00111339	0.418161	-2.39142	0.325146	0.831567	-1.20255	0.913802	1.01985	1.01985	0.180691	1.29437	1.29437	0.767036	0.947497	-1.05541	0.097478	0.718844	-1.39112	0.943891	1.01286	1.01286	0.0191896	1.54219	1.54219	0.722867	0.937405	-1.06677	4.51086	2.35434	0.463934	1
cg17586345	ASAP2	0.0261829	0.0165502	0.22209	-4.5019	0.0865477	0.443378	-2.36563	0.0134107	0.288844	-3.46188	0.0222	0.577933	1.72933	0.0676743	0.231376	-4.3224	0.0148031	0.481281	-2.07779	0.0564012	0.287824	-3.47511	0.0276212	1.12096	1.12096	0.0110353	0.655662	-1.5488	4.23765	4.03871	0.9537298	1
cg08698219	ASAP2	0.0287435	0.65487	1.15873	1.15873	0.0401407	0.71548	1.47581	0.0627544	0.739445	1.35445	0.173475	0.828772	-1.1373	0.134347	0.546285	-1.83055	0.363966	1.41821	1.41821	0.212809	0.63462	0.693129	0.0546295	1.54045	1.54045	0.738709	0.882168	1.13357	4.14924	9.21711	1.97457	1
cg22833612	ASAP2	0.0301956	0.15912	0.385997	-2.59069	0.359455	1.8149	1.8149	0.673476	1.30748	1.30748	0.207289	2.3192	2.3192	0.0096902	0.127643	-7.83433	0.415477	0.590668	-1.693	0.202852	2.34061	2.34061	0.00604535	9.6633	9.6633	0.716871	0.794234	-1.25908	4.07741	25.8406	5.63335	1
cg05027258	ASAP2	0.0301501	0.220016	0.634087	-1.57688	0.0930276	0.184801	-5.40981	0.0281603	0.377512	-2.64892	0.982075	0.991472	-1.00855	0.0965995	0.373514	-2.67852	0.210473	0.195535	-5.11616	0.0148559	0.0911	-10.9755	0.0150354	0.645166	-1.62189	0.867824	0.942858	-1.06061	1.86673	4.7772	1.75684	1
cg13884879	ASAP2	0.0429057	0.041246	0.687282	-1.45501	0.6575308	1.38572	1.38572	0.021898	1.54962	1.54962	0.0218211	1.55017	1.55017	0.275625	1.19797	1.19797	0.682679	1.06766	1.06766	0.141153	0.777202	-1.28667	0.621443	1.0825	1.0825	0.9999111	1.00002	1.58478	1.44178	0.357109	1
cg11155265	ASAP2	0.0430748	0.0018181	0.247836	-4.03201	0.0931099	0.125325	-7.97455	0.0154659	0.254654	-3.92645	0.4818	0.600556	1.66547	0.0031557	0.310006	-3.22683	0.0019636	0.213	-4.69597	0.00153679	0.109656	-9.12172	0.0159353	1.7518	1.7518	0.0536373	0.621	-2.3212	5.95353	6.48363	0.7338466	1
cg02951134	ASAP3	0.00257919	0.000126368	0.305485	-3.27348	0.00197407	0.459851	-2.17462	0.0021466	0.464887	-2.15106	0.00982041	0.559906	-1.78602	2.48E-05	0.225533	4.43395	0.000711939	0.400093	-2.49942	0.00235043	0.47036	-2.12603	0.0325179	0.6410352	-1.55999	0.00127362	0.433829	-2.30506	17.1436	8.57296	0.444505	1
cg21105827	ASAP3	0.00715066	0.0459144	0.678744	-1.47331	0.634983	1.08437	1.08437	0.413482	0.867971	-1.15211	0.0553351	0.69246	-1.44413	2.37E-05	0.239708	-4.17174	0.152231	1.29661	1.29661	0.045171	1.89823	1.89823	0.203095	1.25553	1.25553	0.735693	1.05096	1.05096	1.02935	5.87585	0.403833	1
cg02351746	ASAP3	0.00176628	0.1507674	1.11994	1.11994	0.1591	0.7139	-1.40056	0.1181	0.176282	0.808676	-1.23658	0.39026	0.882979	1.14335	0.054371	0.906968	0.450267	0.90569	1.10417	0.161252	0.137204	0.25384	0.838677	-1.19255	4.12082	1.3043	0.383146	1
cg01829387	ASAP3	0.00410428	0.128501	1.36077	1.36077	0.247335	1.25457	1.25457	0.406334	1.17266	1.17266	0.12082	1.37086	1.37086	0.113259	0.723861	-1.38148	0.000497328	0.359984	-2.7779	0.907981	1.02192	1.02192	0.317832	1.21361	1.21361	0.00919664	0.439391	-2.27588	7.79177	4.33839	0.549425	1
cg00440483	ASAP3	0.00412728	0.0012258	0.252452	-5.51183	0.496611	0.816836	-1.22424	0.00324252	0.19133	-5.2057	0.33308	1.34004	1.34004	0.0008878506	0.0990972	-11.0608	0.0204455	0.272518	-3.66945	0.0217196	0.144531	0.0897	0.0115886	0.167772	1.67772	0.1637	0.0750408	0.176364	0.562306	0.3722	2.45539	1
cg11855842	ASAP3	0.0055168	0.006894	0.45372	2.45372	0.0601574	0.399691	-2.50193	0.00746097	0.413089	-2.42079	0.227195	1.38451	1.38451	0.102592	0.649181	-1.5404	0.505107	0.840676	1.18952	0.538886	0.578396	-1.72892	0.828475	0.945841	-1.05726	0.00461013	0.380024	2.63141	7.12088	8.42713	0.927117	1
cg20847090	ASAP3	0.00674048	0.388242	1.28307	1.28307	0.00295978	3.15783	3.15783	0.271879	1.38041	1.38041	0.006140308	0.365031	-2.73949	0.391991	1.28043	1.28043	0.751484	1.09368	1.09368	0.00536775	2.81061	2.81061	0.0138179	2.35765	2.35765	0.0565981	1.83729	1.83729	6.6934	8.42219	1.11847	1
cg19480194	ASAP3	0.00765314	0.0231553	0.508666	-1.96617	0.1434099	0.297405	-3.3609	0.0158435	0.208568	-4.79455	0.0	0.674759	-1.48206	0.0016134	0.291674	-3.42955	0.1171994	0.695178	-1.43848	0.153609	0.4139	-2.41599	0.0053294	0.1	0.1	0.0010042	0.152623	0.874343	-1.14491	4.1229	0.837298	1
cg01095837	ASAP3	0.0117488	0.573934	0.910526	-1.09827	0.364188	0.857403	-1.16631	0.0874561	0.732705	-1.36517	0.379131	1.16045	1.16045	0.637303	1.07396	1.07396	0.040561	0.477727	1.47727	0.0031245	0.260137	2.60137	0.847016	1.03238	1.03238	0.93214	1.01415	1.01415	0.615585	2.41939	0.38322	1
cg19927787	ASAP3	0.0193991	0.0204144	0.4042	2.4042	0.0102	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	1
cg27447006	ASAP3	0.0263642	0.7349	1.09623	1.09623	0.0189462	2.15575	2.15575	0.0105359	0.418985	-2.38672	0.662868	0.888182	-1.1259	0.206149	0.69734	-1.43402	0.794869	0.931991	-1.07297	0.7701557	1.7285	1.7285	0.0202052	2.13216	2.13216	0.588281	0.862654	-1.15921	4.27848	4.9515	1.02871	1
cg08876085	ASAP3	0.0301621	0.0022183	0.247552	-5.51183	0.496611	0.816836	-1.22424	0.00324252	0.19133	-5.2057	0.33308	1.34004	1.34004	0.0008878506	0.0990972	-11.0608	0.0204455	0.272518	-3.66945	0.0217196	0.144531	0.0897	0.0115886	0.167772	1.67772	0.1637	0.0750408	0.176364	0.562306	0.3722	2.45539	1
cg01435107	ASB1	0.0210094	0.71152	0.931863	-1.07312	0.9700056	1.00716	1.00716	0.055429	0.602193	-1.51052	0.0273628	0.64198	1.64198	0.112721	1.3882	1.3882	0.368491	1.03269	1.03269	0.0174547	0.438334	-2.33657	0.0956765	0.848016	-1.17922	0.558681	1.51891	1.51891	0.4132626	2.64452	0.508111	1
cg16477879	ASB1	0.0333639	0.161551	0.596936	-1.67522	0.901979	1.04344	1.04344	0.128461	0.567169	-1.76314	0.986360	0.994121	-1.00591	0.655776	0.856552	-1.16747	0.260198	0.66676	-1.49979	0.00102082	0.186221	-5.36998	0.152998	1.69584	1.69584	0.1477551	0.585088	-1.70914	3.93451	7.42234	1.67686	1
cg05103803	ASB1/ASB10;ASB10	0.0232667	0.0271145	0.466444	-2.14387	0.0232276	0.27553	-3.62955	0.0078512	0.126651	0.0078977	0.991472	-1.00855	0.0965995	0.373514	-2.67852	0.210473	0.195535	-5.11616	0.0148559	0.0911	-10.9755	0.0150354	0.645166	-1.62189	0.867824	0.942858	-1.06061	1.86673	4.7772	1.75684	1
cg19546486	ASB1/ASB10;ASB10	0.00563551	0.833775	1.05254	1.05254	0.254791	0.748483	-1.33603	0.0017043	0.308382	-3.24274	0.252135	0.522835	-1.91265	0.0422103	0.165242	-6.05144	0.525882	0.850542	-1.16953	0.0344336	0.370856	-2.69757	0.0010206	0.304751	-3.28137	0.0627308	0.600352	-1.66569	0.70445	0.65158	0.835757	1
cg10980293	ASB1/ASB10;ASB10	0.00564076	0.1808367	0.80737	-1.23897	0.4553211	0.832531	-1.37325	0.0284555	0.331917	-3.01292	0.15931	0.35931	-2.78312	0.0023532	0.118322	-8.45127	0.394882	0.71418	-1.40048	0.0148	0.152479	-6.55826	0.0062803	0.5569017	-1.79556	0.4844289	1.0287	1.0287	0.2833837	0.0042453	0.0	1
cg22812874	ASB1/ASB10;ASB10	0.00583505	0.937901	0.985975	-1.01422	0.566196	1.11084	1.11084	0.312535	1.20848	1.20848	0.753665	1.05872	1.05872	8.30E-05	0.276795	3.61279	0.867025	0.93084	1.03084	0.506499	1.12995	1.12995	0.13112	1.74418	1.74376	0.29673	0.821921	1.21666	0.999008	0.564234	0.46258	1
cg05181846	ASB1/ASB10;ASB10	0.0193416	0.0784737	0.471314	-2.12173	0.0413534	0.386217	-2.58922	0.020469	0.341361	-2.92944	0.69192	1.16565	1.16565	0.0015404	0.412847	-2.4222	0.266877	0.640704	-1.56078	0.00651496	0.256477	-3.89898	0.029409	0.372598	-2.68386	0.73028	0.875296	-1.14247	3.70258	6.68579	2.08522	1
cg00948288	ASB1/ASB10;ASB10	0.0496526	0.795571	1.03998	1.03998	0.7911	1.13407	1.13407	0.2180657	1.14511	1.14511	0.0415917	1.34893	1.34893	0.0001	0.0440577	0.0	0.0898987	1.14525	1.14525	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg26159905	ASB1/ASB10;ASB10;ASB10	0.00589275	0.0297724	0.529074	-1.89009	0.00371421	0.376925	-2.65304	0.00177919	0.330439	-3.02628	0.0253658	0.516038	-1.93784	0.079044	0.615451	-1.62482	0.266263	0.749507	-1.33421	0.345468	1.27362	1.27362	0.00135212	0.319344	-3.18528	0.0503324	0.573883	-1.74252	6.97788	6.84763	0.872297	1
cg05650041	ASB1	0.00407672	0.304077	1.2089	1.2089	0.0127852	0.225601	-1.5856	0.0034005	0.0	-1.62437	0.00122183	0.440382	-2.32394	0.000338755	0.257406	-2.79904	0.040827	0.1341	-7.4581	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg26800795	ASB1	0.00235455	0.0535018	0.34827	1.34827	0.280342	0.858208	-1.16522	0.0003131	0.405409	-2.46501	0.045048	-2.2024	0.0001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg08724272	ASB1	0.00664133	0.12315	0.843766	-1.18516	0.676444	0.95821	-1.04361	0.0243581	0.761153	-1.3138	0.0247561	0.761941	-1.33244	0.000112268	0.503164	-1.99456	0.0493867	0.79603	-1.25623	0.631865	0.952366	-1.05002	0.733619	0.965852	-1.03536	0.361785	0.904936	-1.09958	7.62431	1.10181	0.145649	1
cg12724466	ASB1/ASB11	0.00956283	0.0228863	0.452359	-2.21111	0.0109224	0.0498	-20.0352	0.0048	0.0	-1.62437	0.00122183	0.440382	-2.32394	0.000338755	0.257406	-2.79904	0.040827	0.1341	-7.4581	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg23501605	ASB11/ASB11	0.0113009	0.118955	0.69313	-1.49403	0.074678	0.62435	-1.60167	0.0039388	0.399176	-2.50516	0.0304753	0.547005	-1.82814	0.0010474	0.316451	-3.16005	0.776537	0.06984	1.06984	0.384118	0.800196	-1.25379	0.163901	1.42251	1.42251	0.354642	0.797788	-1.25347	6.82383	5.06567	0.792355	1
cg13448203	ASB12	0.1809801	0.353916	0.881295	-1.13437	0.4532113	0.832531	-1.37325	0.0284555	0.331917	-3.01292	0.15931	0.35931	-2.78312	0.0023532	0.118322	-8.45127	0.394882	0.71418	-1.40048	0.0148	0.152479	-6.55826	0.0062803	0.5569017	-1.79556	0.4844289	1.0287	1.0287	0.2833837	0.0042453	0.0	1
cg23485564	ASB12	0.0323661	0.04581	0.173102	-5.77695	0.0884558	0.236958	-4.22017	0.0323669	0.146701	-6.81658	0.040729	0.517396	-1.93275	0.00922404	0.0795053	-12.5778	0.489989	1.71122	1.71122	0.533175	0.616607	-1.62178	0.0369675	0.156302	-6.39785	0.0068256	0.0682435	-14.6534	3.97764	36.9719	8.26216	1
cg15892676	ASB12	0.0446608	0.514082	0.695846	-1.4371	0.804979	1.1452	1.1452	0.029149	0.244421	-4.09131	0.1952573	0.472013	-2.11858	0.0123283	0.181262	-5.51689	0.494492	0.683726	-1.46257	0.0130516	0.18495	-5.40685	0.58286	0.73768	-1.35523	0.0101791	0.169323	-5.90587	5.53552	16.8175	4.2282	1
cg01748319	ASB13	0.0834635	0.0219115	0.447864	-2.23337	0.0497125	0.298	-3.35571	0.0242654	0.277772	-3.6009	0.0184525	0.522709	-1.91318	0.0055707	0.180855	-5.52973	0.0001405	0.279434	-3.57866	0.0031	0.0	0.0	0.0	0.0	0.0	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24249403	ASB7	0.0160775	0.0837481	0.585917	-1.70673	0.252778	0.716301	-1.39606	0.0268539	0.480755	-2.08006	0.167887	0.663293	-1.50763	0.00220438	0.3016	-3.31565	0.0749949	0.574727	-1.73996	0.0082115	0.388853	-2.57166	0.0816898	1.71417	1.71417	0.408037	0.78948	-1.26666	5.06284	6.25606	1.09838	1
cg19619585	ASB7;ASB7	0.00130289	0.795845	0.957338	-1.04456	0.340996	1.17939	1.17939	0.0625794	0.703007	-1.42246	0.0206637	0.625878	-1.59776	0.0027676	0.499559	-2.00176	0.000658122	0.415795	-2.40503	0.86585	1.02884	1.02884	0.0768224	1.39222	1.39222	0.000201584	0.350389	-2.85397	10.9121	4.88672	0.398066	1
cg04318546	ASB7;ASB7	0.0236558	0.151531	1.39342	1.39342	0.00464041	0.443522	-2.25468	0.00753291	0.475964	-2.101	0.643836	1.10574	1.10574	0.410505	1.19926	1.19926	0.854962	0.961265	-1.0403	0.0771303	1.52854	1.52854	0.537528	0.873904	-1.14429	0.280489	0.784902	-1.27404	4.44154	3.27888	0.656204	1
cg22082745	ASB7;ASB7	0.0453502	0.405641	0.760785	-1.31443	0.135639	1.67668	1.67668	0.00342684	3.58847	3.58847	0.0677868	0.518173	-1.92986	0.460631	0.785539	-1.27301	0.136725	0.597403	-1.67391	0.844465	0.938831	-1.06515	0.77305	1.09737	1.09737	0.667149	0.870197	-1.14917	3.5153	5.74931	1.45379	1
cg13633529	ASB7;LINS1;ASB7;LINS1;LINS1;LINS1	0.0332632	0.215419	0.832408	-1.20133	0.0699326	0.751952	-1.32987	0.0175556	0.665939	-1.50164	0.843694	0.972611	-1.02816	0.77873	0.961148	-1.04042	0.160478	0.809839	-1.23481	0.0442444	1.38418	1.38418	0.0445196	1.38343	1.38343	0.113053	1.27459	1.27459	3.93879	1.23458	0.278615	1
cg01349267	ASB7;LINS1;LINS1;ASB7;LINS1;LINS1	0.000327762	9.38E-06	0.136711	-7.31472	0.0292437	1.70656	1.70656	0.298791	0.79925	-1.25117	0.138956	0.717922	-1.39291	0.148785	0.724552	-1.38016	0.143076	0.720744	-1.38745	0.0714061	0.65774	-1.52036	0.000473212	0.319041	-3.13439	0.238882	1.2926	1.2926	16.056	11.0093	0.609492	1
cg20114528	ASB8	0.0019002	0.165273	0.875375	-1.14237	0.615878	0.955528	-1.04654	0.0277192	0.791346	-1.26367	0.274551	0.902812	-1.10765	0.687955	1.03698	1.03698	0.000129299	1.81884	1.81884	0.00739369	1.36392	1.36392	0.00819261	1.35561	1.35561	0.415741	1.07768	1.07768	9.78662	1.25358	0.113859	1
cg05956769	ASB8	0.0026397	0.16451	0.620657	-1.6112	0.00657662	0.321402	-3.11137	0.0136685	0.37499	-2.66674	0.318015	1.39367	1.39367	0.00373356	0.283802	-3.52358	0.617546	0.850522	-1.17575	0.000336267	0.155763	-6.42	0.0179438	0.39654	-2.52182	0.00221364	0.251792	-3.97154	8.88846	14.5609	1.45616	1
cg09386303	ASB8	0.00467068	0.0635836	1.59079	1.59079	0.00156011	0.363522	-2.75086	0.00210603	0.381924	-2.61832	0.285867	0.781376	-1.27979	0.0168428	1.91381	1.91381	0.338094	1.24582	1.24582	0.183926	0.730704	-1.36854	0.292828	1.27494	1.27494	0.342292	0.804306	-1.24331	7.49252	5.8786	0.697418	1
cg18951719	ASB8	0.00544048	0.677869	1.08612	1.08612	0.00252544	0.43639	-2.29153	0.878241	1.03078	1.03078	0.046644	1.56917	1.56917	0.92226	0.980881	-1.01949	0.00157079	0.40734	-2.45495	0.00406894	0.46643	-2.14394	0.208932	0.769554	-1.29945	0.545295	1.12869	1.12869	7.1514	4.42979	0.550604	1
cg09355889	ASB8	0.00841039	0.918692	0.984041	-1.01622	0.000157768	2.76848	2.76848	0.10378	1.32348	1.32348	0.794602	1.04196	1.04196	0.808657	0.962498	-1.03896	0.643075	1.07629	1.07629	0.0682021	0.724893	-1.37951	0.678233	0.936383	-1.06794	0.992272	1.00153	1.00153	6.24489	2.45505	0.349449	1
cg12545295	ASB8	0.0245882	0.00307302	0.493406	-2.02673	0.716008	1.06575	1.06575	0.118747	1.34334	1.34334	0.287631	0.824951	-1.21219	0.186831	1.2762	1.2762	0.240795	0.807314	-1.23868	0.00802161	0.553162	-1.80779	0.951304	0.989412	-1.0107	0.946437	0.988358	-1.01178	4.38245	2.10864	0.427694	1
cg24231002	ASB8	0.0265033	0.00542011	0.581003	-1.72116	0.232399	0.830429	-1.2042	0.988454	1.00215	1.00215	0.719861	0.947968	-1.05489	0.435409	0.888633	-1.12532	0.0500701	0.717851	-1.39305	0.351565	0.867408	-1.15286	0.250103	1.19521	1.19521	0.00977269	1.62379	1.62379	4.26935	1.48855	0.30992	1
cg20746815	ASB8	0.0283966	0.439849	1.23989	1.23989	0.00190681	0.301124	-3.32089	0.00691863	0.385184	-2.59616	0.138934	0.647432	-1.54456	0.427324	1.24758	1.24758	0.651066	0.883139	-1.13232	0.980632	0.993396	-1.00665	0.231133	0.709755	-1.40894	0.596443	0.864277	-1.15704	4.16707	4.91662	1.04878	1
cg16733309	ASB8	0.0364932	0.0698147	0.665866	-1.5018	0.203277	0.763867	-1.30913	0.473661	1.15739	1.15739	0.137526	0.725576	-1.37822	0.849255	0.962554	-1.0389	0.311339	0.810513	-1.23379	0.00247027	0.429907	-2.32608	0.0746133	1.48937	1.48937	0.695329	1.08214	1.08214	3.80895	2.42688	0.566358	1
cg11049750	ASB9;ASB9;ASB9;ASB9	0.00244847	0.21842	1.33373	1.33373	0.000788725	0.323486	-3.09132	0.00415645	0.425455	-2.35043	0.0195115	1.87386	1.87386	0.00554124	0.444503	-2.2497	0.0675142	1.57725	1.57725	0.142321	1.42031	1.42031	0.427956	0.835241	-1.19726	0.409654	0.828962	-1.20633	9.08755	7.12263	0.696692	1
cg21635515	ASB9;ASB9;ASB9;ASB9	0.00673524	0.263451	0.649977	-1.53852	0.84795	1.07351	1.07351	0.00680651	0.273687	-3.65381	0.00478238	0.250573	-3.99085	0.000279484	0.111205	-8.99237	0.668132	0.852669	-1.17279	0.082631	0.491458	-2.03476	0.171876	0.584229	-1.71166	0.0679991	0.469846	-2.12835	6.69502	14.4813	1.92266	1
cg01540916	ASB9;ASB9;ASB9;ASB9	0.02892	0.869104	1.06749	1.06749	0.108229	0.499646	-2.00142	0.0742551	0.45494	-2.19809	0.0506887	0.414106	-2.41484	0.00398375	0.215938	-4.63096	0.664514	1.1886	1.1886	0.00674739	0.248911	-4.0175	0.591629	1.23916	1.23916	0.182872	0.571401	-1.75008	4.14028	10.2808	2.20722	1
cg27465534	ASB9;ASB9;ASB9;ASB9;ASB9	0.0241743	0.40553	0.737313	-1.35628	0.964164	1.01622	1.01622	0.0146782	0.34104	-2.9322	0.0150703	0.343107	-2.91455	0.0134583	0.33431	-2.99124	0.582709	1.21982	1.21982	0.0132632	0.333188	-3.00131	0.137654	1.77271	1.77271	0.689393	0.866002	-1.15473	4.40833	8.95299	1.80527	1
cg19780684	ASB9;ASB9;ASB9;ASB9;ASB9;ASB9;ASB9	0.00983163	0.00372349	0.239267	-4.17943	0.851139	1.07098	1.07098	0.127984	0.548447	-1.82333	0.0192869	0.355889	-2.80987	0.0197615	0.357892	-2.79414	0.149109	0.568512	-1.75898	0.000547305	0.14085	-7.09977	0.406271	0.733353	-1.3636	0.320872	0.687713	-1.4541	5.94279	12.541	1.87581	1
cg25854298	ASCC1	0.0284338	0.282209	0.651688	-1.53448	0.149821	0.55343	-1.80691	0.402447	0.720128	-1.38864	0.557724	1.25504	1.25504	0.000451672	0.120176	-8.32116	0.93694	1.03078	1.03078	0.869072	0.938744	-1.06525	0.944328	0.973595	-1.02712	0.192196	0.589234	-1.69712	4.16514	9.68513	2.06692	1
cg06078887	ASCC1	0.0366605	0.277201	0.704184	-1.42008	0.305811	0.719605	-1.38965	0.0959477	0.566985	-1.76372	0.48513	1.24625	1.24625	0.00172584	0.249688	-4.00499	0.968442	0.987798	-1.01235	0.0597425	1.93344	1.93344	0.920281	0.969412	-1.03155	0.469323	0.79576	-1.25666	3.80261	5.80011	1.35582	1
cg12799981	ASCC1;ASCC1;C10orf104	0.0348142	0.486771	0.874649	-1.14332	0.00777196	1.91144	1.91144	0.12582	0.730541	-1.36885	0.0414418	0.640352	-1.56164	0.160268	0.752508	-1.32889	0.832981	0.960764	-1.04084	0.0190892	0.584088	-1.71207	0.441643	0.861816	-1.16034	0.242895	0.793239	-1.26065	3.87459	2.20463	0.505775	1
cg23685969	ASCC1;C10orf104	0.00875098	0.00444209	0.194319	-5.14616	0.0533561	0.387805	-2.57861	0.0116578	0.256508	-3.89852	0.274419	0.61212	-1.63367	0.0211543	0.302287	-3.30811	0.0275617	0.324762	-3.07917	0.00113273	0.126537	-7.90281	0.011606	0.256188	-3.90338	0.0203663	0.299178	-3.34249	6.16698	18.1944	2.62248	1
cg17372758	ASCC1;C10orf104	0.0248995	0.0243568	0.260891	-3.83302	0.00343014	0.136596	-7.32086	0.231838	0.533687	-1.87376	0.246795	0.545281	-1.83392	0.0181854	0.237887	-4.20368	0.0284577	0.273941	-3.65042	0.00749901	0.178447	-5.60392	0.0747813	0.370156	-2.70156	0.238679	0.539034	-1.85517	4.36334	17.3288	3.53018	1
cg02474858	ASCC2	0.012746	0.00831737	0.224309	-4.45813	0.00707844	0.213921	-4.67461	0.0555433	0.382323	-2.61559	0.137667	0.492417	-2.0308	0.0292441	0.32037	-3.12139	0.0851608	0.430232	-2.32433	0.00246316	0.154744	-6.4623	0.00506719	0.193589	-5.16559	0.0839266	0.428491	-2.33377	5.46523	16.9966	2.76441	1
cg12899201	ASCC2	0.0229803	0.00158853	0.632278	-1.58158	0.710388	1.03844	1.03844	0.105335	0.836144	-1.19597	0.960073	1.00508	1.00508	0.0481402	0.79579	-1.25661	0.0671218	1.23063	1.23063	0.540584	0.93927	-1.06466	0.0873614	0.826236	-1.21031	0.482955	1.07477	1.07477	4.48618	0.726706	0.143989	1
cg18190164	ASCC2	0.0419978	0.00311546	0.41533	-2.40772	0.114933	1.4514	1.4514	0.458065	1.17847	1.17847	0.0354808	0.5874	-1.70242	0.205544	0.748086	-1.33674	0.437836	0.841987	-1.18767	0.117981	0.691488	-1.44616	0.998226	1.00048	1.00048	0.685643	0.915362	-1.09246	3.6174	2.70582	0.66489	1
cg01746044	ASCC2	0.0462085	0.0187782	0.179281	-5.57784	0.211924	0.452125	-2.21178	0.168113	0.412003	-2.42717	0.174995	0.418615	-2.38883	0.011051	0.146028	-6.84802	0.134535	0.377558	-2.6486	0.00900782	0.134719	-7.42285	0.0845634	0.316109	-3.16347	0.0298954	0.213874	-4.67565	3.49065	20.1467	5.13034	1
cg09486166	ASCC2;ASCC2	0.00400425	0.000242008	0.369398	-2.7071	0.00969784	0.58465	-1.71043	0.47072	0.886601	-1.1279	0.0205076	1.58074	1.58074	0.170265	1.2707	1.2707	0.0516039	0.695307	-1.43821	0.175933	0.789752	-1.26622	0.45543	0.882762	-1.13281	0.259375	0.824479	-1.21289	7.84998	3.3451	0.378781	1
cg06539434	ASCC3	0.000419183	0.0703092	0.796318	-1.25578	0.00066629	0.55633	-1.79749	5.23E-05	0.426854	-2.34272	0.0744322	0.799511	-1.25076	0.00338567	0.638538	-1.56608	0.0665296	1.26066	1.26066	0.470399	0.920657	-1.08618	0.242417	0.871336	-1.14766	0.000180225	0.489838	-2.04149	15.005	3.01183	0.178419	1
cg05757007	ASCC3	0.000481807	0.193856	1.31439	1.31439	5.65E-05	0.225952	-4.42571	0.00120153	0.389275	-2.56888	0.233822	1.28174	1.28174	0.119034	1.39997	1.39997	0.0275144	1.67935	1.67935	0.0028593	2.2618	2.2618	0.572408	0.892759	-1.12012	0.221067	0.774286	-1.29151	14.4381	9.04312	0.556743	1
cg07699307	ASCC3	0.00236753	0.308075	0.731902	-1.3663	0.00173971	0.266883	-3.74696	0.00381151	0.315291	-3.17167	0.0376504	0.490007	-2.04079	0.000124427	0.138251	-7.23322	0.717816	1.11334	1.11334	0.00853677	0.370537	-2.69878	0.402065	0.77592	-1.28879	0.472907	0.805761	-1.24106	9.17774	12.7211	1.23207	1
cg05517447	ASCC3	0.0029244	0.271737	1.27343	1.27343	0.0103905	0.505703	-1.97744	0.00388594	0.439783	-2.27385	0.0165301	1.85641	1.85641	0.00169529	2.57904	2.57904	0.152674	1.38212	1.38212	0.0213666	1.79373	1.79373	0.822409	0.953616	-1.04864	0.114339	1.43742	1.43742	8.62321	6.09591	0.628372	1
cg13542042	ASCC3	0.045735	0.741386	0.96066	-1.04095	0.00334309	0.616336	-1.62249	0.114078	0.811952	-1.2316	0.0809458	0.790953	-1.2643	0.189801	1.18329	1.18329	0.400052	1.11004	1.11004	0.123816	0.817106	-1.22383	0.674639	0.950121	-1.0525	0.0899672	0.797328	-1.25419	3.50418	0.815078	0.206757	1
cg04961270	ASCC3;ASCC3	2.06E-05	0.0113235	0.840451	-1.18984	9.50E-05	0.683166	-1.46377	0.140343	0.916728	-1.09084	0.941527	0.995987	-1.00403	0.000273152	0.721185	-1.38661	6.61E-06	1.7321	1.7321	0.000640907	1.33272	1.33272	0.000619355	0.749201	-1.33475	0.0103792	0.837847	-1.19353	33.6241	1.59978	0.0422918	1
cg17272331	ASCC3;ASCC3	0.0127998	0.178022	1.26457	1.26457	0.00211545	0.492265	-2.03143	0.136231	0.768502	-1.30123	0.0801444	0.727307	-1.37493	0.390538	0.865628	-1.15523	0.68941	1.06811	1.06811	0.0101738	0.587695	-1.70156	0.0285088	0.654483	-1.52792	0.0100827	0.58713	-1.7032	5.45773	2.32516	0.378694	1
cg10869069	ASCC3;ASCC3	0.0242408	0.265944	1.11493	1.11493	0.0766726	1.20298	1.20298	0.895278	0.987716	-1.01244	0.738038	1.032	1.032	0.912041	0.989683	-1.01042	0.0323965	0.790502	-1.26502	0.00189079	0.661471	-1.51178	0.397336	1.08474	1.08474	0.198057	1.13618	1.13618	4.40414	0.614396	0.124004	1
cg00472445	ASCC3;ASCC3	0.0275121	0.121499	0.857518	-1.16616	0.879748	0.986234	-1.01396	0.651626	0.959238	-1.04249	0.128084	0.860172	-1.16256	0.0719222	0.831981	-1.20195	0.467751	0.934586	-1.06999	0.0079508	1.36558	1.36558	0.0200408	1.29295	1.29295	0.153429	1.15023	1.15023	4.21377	0.559492	0.118024	1
cg09795085	ASCC3;ASCC3;ASCC3;ASCC3	5.74E-06	0.0107547	0.881704	-1.13417	2.81E-05	1.38217	1.38217	0.000118632	1.30286	1.30286	0.000526692	0.808807	-1.23639	0.0106689	1.1344	1.1344	0.00406993	1.16357	1.16357	9.70E-07	0.60244	-1.65992	0.0210094	1.11524	1.11524	0.0313835	1.10427	1.10427	46.843	1.14497	0.0217268	1
cg26866482	ASCL1	0.00118144	3.16E-05	0.0271339	-36.8543	0.522924	0.749783	-1.33372	0.158903	1.95365	1.95365	0.0097293	0.233533	-4.28205	0.745846	1.15563	1.15563	0.761698	0.873476	-1.14485	0.0939851	2.26825	2.26825	0.264437	1.67755	1.67755	0.105816	2.19401	2.19401	11.2216	35.157	2.78487	1
cg22356339	ASCL1	0.0050665	0.0452683	1.63142	1.63142	0.378927	1.21211	1.21211	0.0488668	1.61499	1.61499	0.351186	1.22688	1.22688	0.969483	1.00819	1.00819	0.00734842	0.478879	-2.08821	0.000535401	0.317222	-3.15236	0.148245	0.71857	-1.39165	0.214673	0.757023	-1.32096	7.30905	5.25686	0.639313	1
cg11228052	ASCL1	0.00575132	0.160693	0.928097	-1.07747	0.000165319	0.726378	-1.37669	0.581437	0.972653	-1.02812	0.447702	1.03929	1.03929	0.472398	0.964257	-1.03707	0.0572961	0.898445	-1.11303	0.475984	1.03675	1.03675	0.969219	0.99808	-1.00192	0.030624	1.13483	1.13483	7.03031	0.27612	0.0349117	1
cg04610718	ASCL1	0.0457702	0.0269473	0.243725	-4.10298	0.0650675	0.327537	-3.05309	0.011359	0.181275	-5.51648	0.0544651	0.308592	-3.24053	0.0389346	0.275801	-3.6258	0.353756	0.598029	-1.67216	0.00961108	0.170948	-5.84973	0.101684	0.380791	-2.62612	0.162582	0.447845	-2.23291	3.50317	16.1097	4.08764	1
cg21063716	ASCL2	1.13E-08	2.49E-05	1.4032	1.4032	0.733917	0.986297	-1.01389	0.0584737	0.91718	-1.0903	6.79E-09	2.67469	2.67469	7.35E-06	0.670603	-1.49119	8.74E-07	0.589302	-1.69692	2.31E-09	0.323956	-3.08684	0.000404013	1.25537	1.25537	0.0227039	0.895572	-1.11661	227.871	5.90176	0.0230218	1
cg11772171	ASCL2	2.69E-05	0.00661838	2.33974	2.33974	0.605042	0.881786	-1.13406	2.72E-05	7.36094	7.36094	3.90E-05	6.68376	6.68376	5.74E-06	11.733	11.733	0.0963895	0.643898	-1.55304	0.195326	0.718721	-1.39136	0.000196995	4.52219	4.52219	0.00100979	3.24284	3.24284	31.3276	28.8517	0.81864	1
cg02964724	ASCL2	3.46E-05	0.0377804	1.50084	1.50084	2.03E-06	7.20078	7.20078	0.807518	1.042	1.042	0.0202869	1.6026	1.6026	0.0848211	1.37879	1.37879	0.0634151	0.70342	-1.42163	0.0790515	0.719903	-1.38908	9.12E-06	5.04275	5.04275	0.00656645	1.81301	1.81301	29.3394	13.1988	0.399881	1
cg06272038	ASCL2	0.000103052	0.000250261	15.802	15.802	0.291761	0.606664	-1.64836	0.0133888	4.05296	4.05296	2.51E-05	45.7647	45.7647	2.97E-05	41.9206	41.9206	0.80914	0.895337	-1.1169	0.169987	0.512851	-1.94989	0.000660494	10.8375	10.8375	0.0771243	2.45453	2.45453	21.9632	72.608	2.93857	1
cg01522243	ASCL2	0.00119928	0.17564	0.768815	-1.3007	0.413066	0.858327	-1.16506	0.214627	0.787811	-1.26934	0.121713	1.35836	1.35836	0.762197	1.05697	1.05697	0.764563	1.05637	1.05637	1.48E-05	0.193682	-5.16311	0.567691	1.11121	1.11121	0.0734735	0.69466	-1.43955	11.1737	5.89811	0.469205	1
cg26051413	ASCL2	0.00247651	0.000855223	9.65026	9.65026	0.0017844	7.48081	7.48081	0.0165273	3.76334	3.76334	0.00189141	7.33659	7.33659	0.726007	1.17261	1.17261	0.720882	1.17629	1.17629	0.0433452	0.349349	-2.86247	0.0215901	3.48582	3.48582	0.0374553	2.98249	2.98249	9.05717	29.3817	2.88358	1
cg15790820	ASCL2	0.00260396	0.00199425	40.7625	40.7625	0.851665	1.17237	1.17237	0.427434	1.99041	1.99041	0.00037928	124.41	124.41	0.000436516	112.404	112.404	0.230704	2.91002	2.91002	0.938068	1.06824	1.06824	0.0151874	12.5982	12.5982	0.502228	1.78342	1.78342	8.92428	102.008	10.1603	1
cg24057514	ASCL2	0.00276166	0.000271357	0.225524	-4.43412	0.526168	0.851933	-1.1738	0.0659435	0.597667	-1.67317	0.133428	1.49764	1.49764	0.00280408	0.357928	-2.79385	0.00373952	0.376523	-2.65588	0.059191	0.58773	-1.70146	0.00690742	0.417969	-2.39252	0.208519	0.718353	-1.39207	8.77067	8.64672	0.876327	1
cg20912770	ASCL2	0.00292481	0.00989367	2.56082	2.56082	0.309964	1.35408	1.35408	0.777175	1.08531	1.08531	0.0573093	1.85969	1.85969	0.00214778	3.46802	3.46802	0.16103	0.649255	-1.54023	0.0102414	0.393048	-2.54422	0.000823357	4.27971	4.27971	0.716147	1.11111	1.11111	8.62285	11.3683	1.17191	1
cg04380653	ASCL2	0.00487598	0.0600049	2.60085	2.60085	0.0023425	6.77563	6.77563	0.0197066	3.55695	3.55695	0.60371	1.26606	1.26606	0.321715	0.630536	-1.58595	0.0758071	0.410558	-2.43571	0.00182789	0.136009	-7.35247	0.469836	0.718032	-1.3927	0.401369	1.47247	1.47247	7.39504	23.769	2.85705	1
cg04454576	ASCL2	0.00663185	0.117281	1.76224	1.76224	0.00211201	4.2186	4.2186	0.0846835	1.8871	1.8871	0.0712045	1.95644	1.95644	0.998019	0.999174	-1.00083	0.108037	1.79311	1.79311	0.00173993	0.226051	-4.42379	0.308814	0.704141	-1.42017	0.574897	1.2077	1.2077	6.72729	11.8167	1.56136	1
cg11419064	ASCL2	0.00735923	0.680449	0.957103	-1.04482	0.00376414	1.51287	1.51287	0.171001	1.16688	1.16688	0.331612	0.89938	-1.11188	0.0227255	1.33468	1.33468	0.372319	0.907581	-1.10183	0.0167681	0.734141	-1.36214	0.00277673	1.54763	1.54763	0.760368	1.03292	1.03292	6.51253	1.15614	0.1578	1
cg12499235	ASCL2	0.00850207	0.124641	2.74437	2.74437	0.00179864	14.828	14.828	0.0396367	4.24124	4.24124	0.149428	2.55652	2.55652	0.0297565	0.211551	-4.72698	0.777624	0.842032	-1.1876	0.0133053	0.155281	-6.43995	0.272405	0.499713	-2.00115	0.777747	1.18749	1.18749	6.22354	36.3476	5.19141	1
cg27252164	ASCL2	0.00961322	0.214119	2.04684	2.04684	0.00251811	9.94767	9.94767	0.820148	1.13282	1.13282	0.0319911	3.95916	3.95916	0.227269	2.00203	2.00203	0.169271	0.448459	-2.22986	0.15245	0.431984	-2.3149	0.00156961	12.0283	12.0283	0.235414	1.97584	1.97584	5.98555	28.4299	4.222	1
cg11373604	ASCL2	0.009729	0.00017514	0.151704	-6.59176	0.568046	0.842867	-1.18643	0.377612	1.30759	1.30759	0.309781	0.732453	-1.36528	0.166358	1.54832	1.54832	0.446701	1.25829	1.25829	0.157243	0.638854	-1.5653	0.843164	0.943008	-1.06044	0.756311	0.911909	-1.0966	5.96273	8.28729	1.23542	1
cg20392764	ASCL2	0.0173864	0.0877158	2.2004	2.2004	0.0150415	3.49179	3.49179	0.758473	1.13775	1.13775	0.118042	2.03426	2.03426	0.0368492	2.75803	2.75803	0.60975	1.24036	1.24036	0.00426733	0.201942	-4.95191	0.145368	1.92364	1.92364	0.0753819	2.28947	2.28947	4.93223	13.6759	2.46467	1
cg10526374	ASCL2	0.0185778	0.0171041	28.3625	28.3625	0.919612	1.1232	1.1232	0.0553572	12.1772	12.1772	0.00156641	186.595	186.595	0.0143752	32.2256	32.2256	0.657559	1.67105	1.67105	0.847313	1.24839	1.24839	0.0170023	28.4868	28.4868	0.0989435	8.02059	8.02059	4.82352	101.187	18.647	1
cg13196550	ASCL2	0.021617	0.00585948	1.68485	1.68485	0.028364	1.45395	1.45395	0.519091	0.909797	-1.09915	0.446188	1.11886	1.11886	0.124225	1.27221	1.27221	0.0205772	0.668021	-1.49696	0.871441	0.976848	-1.0237	0.490417	1.10663	1.10663	0.0262895	1.46398	1.46398	4.58144	1.51784	0.294491	1
cg05309948	ASCL2	0.0334152	0.074366	2.31269	2.31269	0.459602	1.37372	1.37372	0.996372	1.00192	1.00192	0.242629	1.67476	1.67476	0.922815	1.04171	1.04171	0.762227	0.879882	-1.13652	0.0258705	0.327719	-3.05139	0.00219588	6.11571	6.11571	0.535232	1.30317	1.30317	3.93233	11.0757	2.50362	1
cg07525299	ASCL2	0.042889	0.200152	1.98969	1.98969	0.00480772	6.69921	6.69921	0.080905	2.67489	2.67489	0.28612	1.75618	1.75618	0.206202	0.507717	-1.9696	0.302733	0.581173	-1.72066	0.0989552	0.398676	-2.5083	0.369567	0.625969	-1.59752	0.893861	1.07022	1.07022	3.5893	14.6908	3.63817	1
cg06347739	ASCL2	0.0467573	0.0862026	3.76246	3.76246	0.494746	0.61593	-1.62356	0.0139663	8.34836	8.34836	0.883971	1.10746	1.10746	0.12974	0.318513	-3.13959	0.0495872	4.78678	4.78678	0.296632	2.13054	2.13054	0.0488154	4.81947	4.81947	0.0415099	5.17083	5.17083	3.47518	26.8904	6.87809	1
cg13762320	ASCL2	0.0488046	0.0214387	6.05606	6.05606	0.00619591	10.2392	10.2392	0.13173	2.8875	2.8875	0.094767	3.30924	3.30924	0.830456	1.14998	1.14998	0.633141	1.36807	1.36807	0.301564	0.497794	-2.00886	0.0655239	3.84641	3.84641	0.071357	3.7155	3.7155	3.41939	23.0026	5.97964	1
cg22946658	ASCL2	0.0493664	0.598664	1.21178	1.21178	0.00234597	4.64479	4.64479	0.0283108	2.55076	2.55076	0.1263	1.8189	1.8189	0.43823	1.33107	1.33107	0.169217	1.69845	1.69845	0.056477	2.1837	2.1837	0.623304	0.836061	-1.19608	0.863145	1.06439	1.06439	3.40458	7.0536	1.8416	1
cg22346124	ASCL2;ASCL2	3.10E-05	0.698252	0.952245	-1.05015	0.521634	0.921654	-1.08501	0.942793	0.991026	-1.00906	2.01E-06	4.36403	4.36403	0.00331825	0.605157	-1.65246	0.383215	1.11887	1.11887	0.0105347	0.667492	-1.49814	3.04E-05	2.78391	2.78391	0.00706097	1.54857	1.54857	30.1989	7.54588	0.222109	1
cg18485844	ASCL2;ASCL2	0.000722038	0.00079578	0.269679	-3.70812	0.701734	0.905252	-1.10466	0.0495171	0.560052	-1.78555	0.000487603	4.11165	4.11165	0.726312	1.09517	1.09517	0.291132	0.753242	-1.32759	0.0685343	0.590101	-1.69463	0.000402845	4.28642	4.28642	0.539715	1.17422	1.17422	12.8984	13.6696	0.942036	1
cg10290276	ASCL2;ASCL2	0.00428281	0.917883	1.02373	1.02373	0.102832	1.50065	1.50065	0.739337	1.0789	1.0789	0.298855	1.27749	1.27749	0.399118	0.821745	-1.21692	0.0666776	0.626483	-1.59621	0.0456628	0.593846	-1.68394	0.000131996	4.51909	4.51909	0.189391	1.37187	1.37187	7.69215	6.30144	0.728181	1
cg16741602	ASCL3	2.86E-05	0.430776	1.16061	1.16061	0.00058757	0.373905	-2.67448	0.281012	0.812582	-1.23065	0.000566914	0.371875	-2.68907	1.75E-05	0.196156	-5.09798	0.0024727	0.458666	-2.18024	1.81E-06	0.11056	-9.04483	0.618642	1.0974	1.0974	0.000330948	0.341838	-2.92537	30.8555	16.765	0.482969	1
cg14711859	ASCL3	0.00170072	0.867858	0.970261	-1.03065	0.430986	0.864393	-1.15688	0.0320652	0.63426	-1.57664	0.74657	1.06055	1.06055	4.21E-05	0.243405	-4.10838	0.513725	0.886858	-1.12758	0.0425533	1.52711	1.52711	0.400028	1.16905	1.16905	0.0118774	0.565893	-1.76712	10.1065	5.26142	0.462752	1
cg18920846	ASCL3	0.0312463	0.827727	0.920834	-1.08597	0.117495	0.525511	-1.90291	0.0780533	0.476673	-2.09787	0.197048	0.596846	-1.67547	0.00165432	0.181971	-5.49538	0.16207	0.568397	-1.75933	0.0108487	0.298011	-3.35558	0.218151	0.6125	-1.63265	0.0361024	0.397572	-2.51527	4.02804	9.13597	2.01608	1
cg02127238	ASCL3;ASCL3	0.000219845	0.00134618	0.313265	-3.19219	0.0770276	0.612636	-1.63229	0.783763	0.933745	-1.07096	0.479402	1.19624	1.19624	1.86E-05	0.113852	-8.78331	0.808809	0.941378	-1.06227	6.10E-05	0.158175	-6.32213	0.0766314	1.6336	1.6336	0.508909	0.846209	-1.18174	17.9054	17.6117	0.874307	1
cg16273009	ASCL4	7.82E-05	0.00348531	0.650445	-1.53741	0.00202262	1.60383	1.60383	0.00723035	0.686574	-1.45651	0.0134634	1.39367	1.39367	0.000112977	0.47913	-2.08712	0.348231	1.11047	1.11047	0.000122226	0.4831	-2.06996	0.33773	0.898324	-1.11318	5.84E-05	0.445811	-2.2431	23.645	4.4081	0.165714	1
cg16207673	ASCL4	0.000102719	0.000146954	0.0714551	-13.9948	8.52E-05	0.0576737	-17.3389	0.0175138	0.310867	-3.21681	0.661212	0.836778	-1.19506	4.35E-05	0.0435245	-22.9755	0.0415199	0.386823	-2.58516	4.27E-05	0.043156	-23.1717	0.0167705	0.307422	-3.25286	0.000201686	0.0804655	-12.4277	21.9822	56.8469	2.29871	1
cg20173428	ASCL4	0.000147088	0.805111	0.906606	-1.10302	0.00019423	0.0831602	-12.025	0.000850676	0.136928	-7.30311	0.000987132	0.143427	-6.97218	4.65E-05	0.0474126	-21.0914	0.0673386	0.443501	-2.25479	2.83E-05	0.0382078	-26.1727	0.0019138	0.174998	-5.71434	0.00623937	0.243227	-4.11138	19.9621	49.7309	2.21446	1
cg24856726	ASCL4	0.000421981	0.0785442	0.749342	-1.3345	0.423593	1.12828	1.12828	0.0454822	1.4032	1.4032	0.691895	0.942875	-1.06059	0.0532707	0.723063	-1.38301	0.158887	0.800617	-1.24904	0.155702	0.799058	-1.25147	8.10E-06	4.22203	4.22203	0.177314	1.23583	1.23583	14.9775	5.17326	0.307024	1
cg20443254	ASCL4	0.000434138	0.419131	1.26307	1.26307	0.700872	1.11538	1.11538	0.0551212	1.84999	1.84999	0.903499	1.03491	1.03491	0.205834	0.685536	-1.45871	0.165364	0.657961	-1.51985	0.659821	0.882222	-1.1335	4.75E-06	19.3476	19.3476	0.96034	0.986031	-1.01417	14.8604	18.8367	1.12673	1
cg08823894	ASCL4	0.0114061	0.101097	1.77296	1.77296	0.0397808	2.13433	2.13433	0.293283	0.706299	-1.41583	0.0751898	0.531576	-1.8812	0.0807918	0.539245	-1.85444	0.0181302	2.49731	2.49731	0.00511174	3.25421	3.25421	0.735629	0.897549	-1.11415	0.0734856	0.529155	-1.88981	5.66585	9.12831	1.4321	1
cg20318358	ASCL4	0.0158169	0.57582	1.39537	1.39537	0.0475197	0.262917	-3.80349	0.045226	0.2582	-3.87297	0.465371	0.645401	-1.54942	0.00592151	0.119832	-8.34499	0.214166	0.462637	-2.16152	0.000777772	0.0499535	-20.0186	0.828156	0.879744	-1.13669	0.487847	0.660076	-1.51498	5.09043	28.0051	4.89025	1
cg01952953	ASCL4;ASCL4	7.34E-05	1.83E-05	0.20784	-4.81139	0.208008	0.78768	-1.26955	0.0424943	0.657057	-1.52194	0.604269	1.09856	1.09856	0.000714865	0.396038	-2.52501	0.588753	0.906528	-1.10311	5.24E-06	0.155939	-6.41276	0.062216	1.4585	1.4585	0.0729396	0.697952	-1.43276	24.044	12.3083	0.455029	1
cg13721169	ASCL4;ASCL4	0.000296733	6.65E-05	0.210669	-4.74677	0.0644688	0.642422	-1.55661	0.142246	0.714558	-1.39947	0.00281141	0.41607	-2.40344	5.76E-05	0.20404	-4.90101	0.0626195	1.56263	1.56263	0.142221	1.3995	1.3995	0.00302587	0.420729	-2.37683	0.407314	0.834787	-1.19791	16.4995	11.86	0.638942	1
cg04290586	ASCL4;ASCL4	0.0136362	0.129606	0.548876	-1.8219	0.167725	1.71373	1.71373	0.0984647	0.514861	-1.94227	0.696714	1.1543	1.1543	0.0970176	0.513104	-1.94892	0.107571	1.9029	1.9029	0.0388948	0.416463	-2.40117	0.00230347	4.76074	4.76074	0.155981	1.74377	1.74377	5.3459	11.3632	1.88941	1
cg01985833	ASCL4;ASCL4	0.0178426	0.887941	1.03793	1.03793	0.447536	0.81513	-1.2268	0.00222608	0.322628	-3.09954	0.408585	1.25006	1.25006	0.837226	0.947129	-1.05582	0.128169	1.54383	1.54383	0.0230058	2.05031	2.05031	0.039905	1.87229	1.87229	0.130429	1.53927	1.53927	4.88954	5.39947	0.981591	1
cg23699926	ASCL4;ASCL4	0.0387301	0.0666997	0.345576	-2.89372	0.0519745	0.318963	-3.13516	0.040578	0.294604	-3.39438	0.139173	0.439287	-2.27642	0.0378468	0.288083	-3.47122	0.0771569	0.362186	-2.76101	0.00242403	0.11279	-8.86603	0.0741885	0.357629	-2.7962	0.0972446	0.390401	-2.56147	3.72707	15.7662	3.76017	1
cg01295392	ASCL4;ASCL4	0.0420017	0.625085	0.745655	-1.3411	0.177394	2.34974	2.34974	0.703054	1.2564	1.2564	0.62362	1.3428	1.3428	0.654395	0.764501	-1.30804	0.210801	0.45577	-2.19409	0.177427	0.425611	-2.34956	0.00325751	10.922	10.922	0.0331681	4.41058	4.41058	3.61727	20.3463	4.99979	1
cg09532575	ASF1A	0.017043	0.510964	0.83843	-1.1927	0.0933924	0.614003	-1.62866	0.551086	0.852647	-1.17282	0.564377	1.16649	1.16649	0.509898	0.838047	-1.19325	0.212759	1.4146	1.4146	0.537142	1.17959	1.17959	0.000405651	4.41738	4.41738	0.484016	1.20681	1.20681	4.96529	5.49356	0.98346	1
cg12098441	ASF1A	0.0343337	0.00867204	0.397006	-2.51885	0.577821	1.16795	1.16795	0.391282	0.784632	-1.27448	0.318035	1.32974	1.32974	0.192401	0.683198	-1.46371	0.100574	0.60855	-1.64325	0.00486248	0.356664	-2.80376	0.0796484	0.584421	-1.71109	0.659101	1.13042	1.13042	3.89409	4.70232	1.07338	1
cg01545242	ASF1B	0.00195842	0.0639814	0.635598	-1.57332	0.000468487	3.31034	3.31034	0.278431	0.782444	-1.27805	0.000454115	0.300369	-3.32924	0.2879	0.786481	-1.27149	0.389377	0.825293	-1.21169	0.646434	0.904345	-1.10577	0.106734	1.46723	1.46723	0.145253	1.40562	1.40562	9.70107	7.2807	0.667115	1
cg11609560	ASF1B	0.0464657	0.733877	0.920924	-1.08587	0.149687	0.688752	-1.4519	0.429423	1.21497	1.21497	0.00889235	2.2337	2.2337	0.262507	0.754253	-1.32582	0.0218854	0.514794	-1.94253	0.219884	1.36536	1.36536	0.994764	0.998417	-1.00159	0.198677	0.720437	-1.38805	3.48338	3.21506	0.820419	1
cg22417678	ASFMR1;ASFMR1;ASFMR1;ASFMR1;ASFMR1;FMR1	0.00957743	0.285898	0.650698	-1.53681	0.0567766	2.30704	2.30704	0.619384	1.21427	1.21427	0.0352284	0.386381	-2.58812	0.00409862	0.224651	-4.45135	0.297723	0.658008	-1.51974	0.0100589	0.283816	-3.52341	0.0162979	3.12306	3.12306	0.293204	0.655233	-1.52617	5.99267	14.2673	2.11626	1
cg07147350	ASFMR1;ASFMR1;ASFMR1;FMR1;ASFMR1;ASFMR1	0.000202145	0.061951	1.82798	1.82798	0.397675	1.28214	1.28214	0.00300311	0.31105	-3.21491	0.0104747	0.396676	-2.52095	0.000205446	0.167825	-5.95859	0.013855	0.417805	-2.39346	0.000289862	0.183342	-5.45428	0.00048591	4.80351	4.80351	0.115304	1.63453	1.63453	18.3181	23.8938	1.15945	1
cg26912412	ASGR1	0.00107091	?	?	?	0.947774	1.02193	1.02193	0.0502964	2.09354	2.09354	0.00172593	0.227535	-4.39494	?	?	?	0.000111049	0.105284	-9.49812	0.246042	0.669178	-1.49437	0.237856	1.50593	1.50593	0.243342	1.49814	1.49814	12.1573	16.4191	1.5435	1
cg13335341	ASGR1	0.00280761	0.000210576	0.197034	-5.07526	0.392163	0.794695	-1.25834	0.0237574	0.492897	-2.02882	0.93014	1.02325	1.02325	0.000349974	0.221695	-4.51071	0.0641684	0.579704	-1.72502	0.455146	0.819217	-1.22068	0.520422	0.843015	-1.18622	0.0205074	0.481071	-2.0787	8.72796	9.4981	0.967323	1
cg13808223	ASGR1	0.00540567	0.540905	0.858894	-1.16429	0.335083	1.2767	1.2767	0.0203002	0.502803	-1.98885	0.493844	1.18619	1.18619	0.000739182	0.283813	-3.52345	0.00922141	0.443874	-2.25289	0.00260478	0.358831	-2.78683	0.0677349	0.604794	-1.65345	0.0409122	0.559983	-1.78577	7.16549	6.85301	0.850124	1
cg19710398	ASGR1	0.00614438	0.018812	1.39135	1.39135	0.000856297	1.78811	1.78811	0.398616	1.10549	1.10549	0.0156802	1.41017	1.41017	0.0115996	1.44224	1.44224	0.00421268	1.56005	1.56005	0.010178	1.45654	1.45654	0.606669	1.06212	1.06212	0.484835	0.920926	-1.08586	6.88837	1.46915	0.189582	1
cg14018648	ASGR1	0.00653548	0.00291073	0.36861	-2.71289	0.0038303	0.38639	-2.58806	0.157146	0.691384	-1.44637	0.113422	0.656922	-1.52225	0.0016217	0.332227	-3.00999	0.0123433	0.467689	-2.13818	0.206711	1.38381	1.38381	0.366474	0.797466	-1.25397	0.0413961	0.56338	-1.775	6.75795	6.36846	0.837659	1
cg05331340	ASGR1	0.00753649	0.00531436	0.505158	-1.97958	0.0677438	1.46292	1.46292	0.61455	1.099	1.099	0.0197106	0.592357	-1.68817	0.177146	0.765912	-1.30563	0.0134748	0.566255	-1.76599	0.00951911	1.84158	1.84158	0.589356	0.90365	-1.10662	0.0692348	0.685289	-1.45924	6.46417	3.53867	0.486603	1
cg19265972	ASGR1	0.024348	0.366367	0.896301	-1.1157	0.24924	0.867562	-1.15266	0.453171	1.09434	1.09434	0.0111483	1.45545	1.45545	0.12368	0.821431	-1.21739	0.468589	1.09089	1.09089	0.0435284	0.760464	-1.31499	0.0418128	0.758227	-1.31887	0.0319444	1.34519	1.34519	4.39741	0.969262	0.195926	1
cg14270193	ASGR1	0.0357276	0.0129015	0.637013	-1.56983	0.188999	0.81604	-1.22543	0.771114	0.95828	-1.04354	0.0196179	0.66239	-1.50969	0.453276	1.11808	1.11808	0.679456	0.941105	-1.06258	0.0144157	1.55356	1.55356	0.23011	0.831987	-1.20194	0.599325	0.925477	-1.08052	3.8384	1.29739	0.300447	1
cg20752878	ASGR1	0.0388084	0.120829	0.55617	-1.79801	0.00482016	0.271405	-3.68453	0.133215	1.75926	1.75926	0.548429	1.23586	1.23586	0.119793	0.555106	-1.80146	0.197351	0.621736	-1.6084	0.122784	0.558162	-1.7916	0.0239923	0.391005	-2.55751	0.977812	1.00975	1.00975	3.72431	7.17343	1.7121	1
cg15468668	ASGR1;ASGR1	0.000270894	0.000123975	0.296481	-3.37289	0.0939019	0.715593	-1.39744	0.0577632	0.677213	-1.47664	0.00655546	0.526463	-1.89947	0.000129708	0.298825	-3.34644	0.00180564	0.44655	-2.23939	0.000624307	0.384459	-2.60106	5.15E-05	0.252372	-3.96241	0.044621	0.657774	-1.52028	16.9155	8.84238	0.464656	1
cg08141989	ASGR1;ASGR1	0.00180447	0.000704891	0.359428	-2.78219	0.170818	0.748999	-1.33512	0.000230654	0.297681	-3.3593	0.0902705	0.690769	-1.44766	0.000986723	0.378935	-2.63897	0.0893567	0.689895	-1.4495	0.0226785	0.582375	-1.71711	0.00222432	0.427789	-2.3376	0.173502	0.750522	-1.33241	9.93464	6.17933	0.552888	1
cg27511413	ASGR1;ASGR1	0.0279546	0.00697145	0.422043	-2.36943	0.169214	0.696294	-1.43618	0.0552266	0.584411	-1.71112	0.0447802	0.565904	-1.76708	0.00519434	0.401854	-2.48847	0.320913	0.776103	-1.28849	0.0775238	0.615722	-1.62411	0.00854758	0.436382	-2.29157	0.368618	0.79594	-1.25638	4.19018	4.05387	0.859974	1
cg11910759	ASGR2;ASGR2;ASGR2;ASGR2	0.00237697	0.360384	1.36107	1.36107	0.860746	1.05925	1.05925	0.0524537	0.485298	-2.06059	0.376056	1.34692	1.34692	0.000115256	0.108937	-9.17958	0.997648	1.00097	1.00097	0.000937298	0.198196	-5.04551	0.0614507	0.501202	-1.9952	0.636034	0.855312	-1.16916	9.16702	15.6044	1.5131	1
cg14089110	ASGR2;ASGR2;ASGR2;ASGR2	0.010221	0.63234	0.931377	-1.07368	0.848409	0.972171	-1.02863	0.000324474	0.424323	-2.35669	0.372577	1.14455	1.14455	0.333086	1.15865	1.15865	0.385034	1.14037	1.14037	0.0298394	1.45789	1.45789	0.236152	0.832698	-1.20092	0.529244	0.910277	-1.09857	5.86941	2.02201	0.306222	1
cg17565279	ASGR2;ASGR2;ASGR2;ASGR2	0.0105431	0.00873808	0.590819	-1.69257	0.952118	1.0095	1.0095	0.00248373	0.51561	-1.93945	0.0757162	0.732406	-1.36536	0.00197026	0.502113	-1.99159	0.129037	0.772289	-1.29485	0.882551	0.976981	-1.02356	0.0107358	0.603491	-1.65703	0.142589	0.780146	-1.28181	5.81128	2.28399	0.349357	1
cg18659586	ASGR2;ASGR2;ASGR2;ASGR2	0.0292709	0.32916	1.29871	1.29871	0.647433	1.12694	1.12694	0.862909	1.04588	1.04588	0.410143	0.80364	-1.24434	0.0997586	0.626151	-1.59706	0.243809	0.728702	-1.3723	0.00418649	0.369454	-2.7067	0.00475348	0.377932	-2.64598	0.0915167	0.617388	-1.61973	4.12265	4.398	0.948259	1
cg09691117	ASGR2;ASGR2;ASGR2;ASGR2	0.0350607	0.00825986	0.599716	-1.66746	0.0694152	0.735315	-1.35996	0.843785	0.970577	-1.03032	0.693536	0.941809	-1.06179	0.167014	0.800113	-1.24982	0.770602	0.956706	-1.04525	0.0104041	1.62968	1.62968	0.24423	0.83159	-1.20252	0.139404	0.786015	-1.27224	3.86471	1.40255	0.322588	1
cg19619206	ASGR2;ASGR2;ASGR2;ASGR2;ASGR2	2.43E-05	7.28E-06	0.263744	-3.79155	3.77E-05	0.344337	-2.90414	8.25E-06	0.269636	-3.70871	0.0402767	1.37604	1.37604	0.114285	0.793403	-1.26039	0.0072875	0.627356	-1.59399	0.0103523	1.54511	1.54511	0.00669151	0.622562	-1.60627	0.0118965	0.655121	-1.52644	32.1944	9.25459	0.25552	1
cg01754009	ASGR2;ASGR2;ASGR2;ASGR2;ASGR2;ASGR2;ASGR2	0.0347985	0.420061	0.841536	-1.1883	0.271355	0.786774	-1.27101	0.179742	0.742004	-1.3477	0.838236	1.04374	1.04374	0.250102	1.28622	1.28622	0.246539	1.28889	1.28889	0.00346761	2.29553	2.29553	0.038112	0.604472	-1.65434	0.333732	0.811556	-1.2322	3.87522	2.69187	0.617456	1
cg23589035	ASH1L	0.00948274	0.127968	0.600906	-1.66415	0.88992	0.958045	-1.04379	0.211006	0.66506	-1.50362	0.152976	0.622705	-1.6059	0.00138558	0.238175	-4.1986	0.156143	0.62528	-1.59928	0.001487	0.242137	-4.1299	0.993882	1.00238	1.00238	0.00429632	0.306699	-3.26053	6.01167	9.12024	1.34852	1
cg04884244	ASH1L	0.012175	0.0194602	1.3953	1.3953	0.723216	0.958931	-1.04283	0.634868	1.05804	1.05804	0.0900157	1.24652	1.24652	0.280447	1.14146	1.14146	0.158263	1.19468	1.19468	0.000639048	1.85571	1.85571	0.0128726	1.43938	1.43938	0.233994	0.863176	-1.15851	5.54737	1.22187	0.195789	1
cg11658909	ASH1L	0.0173614	0.0125921	0.340257	-2.93895	0.101661	0.536524	-1.86385	0.0297697	0.411196	-2.43193	0.0151073	0.354367	-2.82193	0.0109655	0.329834	-3.03183	0.0211326	0.3816	-2.62055	0.0364987	0.429747	-2.32695	0.315619	1.43409	1.43409	0.0191157	0.373287	-2.6789	4.93461	9.43577	1.6997	1
cg22007739	ASH1L	0.0278947	0.264065	1.44825	1.44825	0.0449194	0.480843	-2.07968	0.0180684	0.401089	-2.49321	0.275451	1.43469	1.43469	0.541869	1.21706	1.21706	0.594034	1.18667	1.18667	0.00506313	3.25119	3.25119	0.223224	1.50252	1.50252	0.454545	1.27423	1.27423	4.19334	6.72159	1.42482	1
cg08005692	ASH1L	0.0343156	0.665414	0.875558	-1.14213	0.00523675	3.08009	3.08009	0.0593711	1.9157	1.9157	0.653866	0.871222	-1.14781	0.790168	0.921771	-1.08487	0.558886	1.19786	1.19786	0.558407	0.834632	-1.19813	0.0139425	2.52852	2.52852	0.106383	0.583588	-1.71354	3.89483	5.75482	1.31338	1
cg26185843	ASH1L;LOC645676	0.000924198	4.34E-05	0.028466	-35.1296	0.0766572	2.05963	2.05963	?	?	?	0.00616243	0.247391	-4.04218	0.013374	0.309516	-3.23085	0.0114543	0.296405	-3.37376	0.0590364	0.455308	-2.19631	0.793059	1.09726	1.09726	0.00442217	0.223326	-4.47776	19.5728	32.6534	1.25123	1
cg20064047	ASH1L;LOC645676	0.0362386	0.0744437	0.648805	-1.54129	0.956454	0.988184	-1.01196	0.222059	0.756275	-1.32227	0.281282	0.783679	-1.27603	0.0232761	0.554173	-1.80449	0.312662	1.25525	1.25525	0.00227442	0.394886	-2.53237	0.291396	0.787959	-1.2691	0.426818	1.19317	1.19317	3.81866	2.86563	0.667047	1
cg03119126	ASH1L;LOC645676	0.0416304	0.264334	0.811218	-1.23271	0.0550171	1.47883	1.47883	0.075885	1.42654	1.42654	0.136214	0.749222	-1.33472	0.0108454	0.562523	-1.77771	0.121223	0.739223	-1.35277	0.268515	0.812819	-1.23029	0.269799	1.22955	1.22955	0.646775	0.920377	-1.08651	3.62919	1.85875	0.45526	1
cg21852905	ASH1L;LOC645676;ASH1L	0.00788016	0.394008	0.766219	-1.30511	0.265478	0.701927	-1.42465	0.309764	1.37792	1.37792	0.000150621	0.13744	-7.27589	0.45672	1.26008	1.26008	0.0232959	0.437397	-2.28625	0.213387	0.670562	-1.49129	0.33801	0.739898	-1.35154	0.995085	0.998123	-1.00188	6.37434	9.39122	1.30959	1
cg24836396	ASH1L;MIR555	0.000578811	0.000405882	0.245669	-4.07052	0.082086	0.61806	-1.61797	0.00493917	0.394586	-2.5343	0.917567	1.0262	1.0262	0.000228036	0.216572	-4.6174	5.27E-05	0.15157	-6.59762	0.472854	0.833293	-1.20006	0.566564	0.86528	-1.1557	0.111303	0.648393	-1.54227	13.7207	13.5575	0.878315	1
cg09292077	ASH1L;MIR555	0.00478488	0.0747685	0.379697	-2.63368	0.0901071	0.40197	-2.48775	0.0373328	0.307569	-3.2513	0.335481	0.615951	-1.62351	0.000684312	0.0795876	-12.5648	0.0148155	0.231584	-4.3181	0.000488358	0.0695261	-14.3831	0.0794343	0.386769	-2.58552	0.00959998	0.20194	-4.95196	7.43765	28.0419	3.35134	1
cg12446939	ASH1L;MIR555	0.00576262	0.11985	1.67508	1.67508	0.418875	0.776853	-1.28724	0.00909008	0.36303	-2.75459	0.297997	1.39069	1.39069	0.13519	0.611227	-1.63605	0.0860352	0.55996	-1.78584	0.000252045	0.158046	-6.32727	0.926749	0.972281	-1.02851	0.0524986	0.509669	-1.96206	7.02606	10.3988	1.31559	1
cg16998122	ASH1L;MIR555	0.0289714	0.219631	0.545251	-1.83402	0.0232833	0.279687	-3.57542	0.188834	0.519892	-1.92348	0.592258	0.775675	-1.2892	0.237722	0.559252	-1.7881	0.00834797	0.205194	-4.87343	0.0024012	0.137074	-7.29532	0.752809	1.16004	1.16004	0.0553236	0.360353	-2.77506	4.13767	14.468	3.10814	1
cg15514283	ASH1L;MIR555	0.0459912	0.33387	0.851831	-1.17394	0.323916	0.848813	-1.17812	0.00173368	2.05205	2.05205	0.34883	1.16787	1.16787	0.133015	1.29794	1.29794	0.843422	0.968683	-1.03233	0.175381	1.26094	1.26094	0.421475	0.876231	-1.14125	0.637089	1.07946	1.07946	3.49684	1.43369	0.364441	1
cg03189282	ASH2L;ASH2L	0.00315183	5.42E-05	0.0826322	-12.1018	0.814603	0.925112	-1.08095	0.672998	1.15104	1.15104	0.130727	1.71737	1.71737	0.201968	1.56278	1.56278	0.508727	0.800797	-1.24876	0.150755	0.600305	-1.66582	0.264724	1.4699	1.4699	0.350381	0.727222	-1.3751	8.43346	14.6673	1.54594	1
cg14655858	ASH2L;ASH2L	0.0158675	0.960123	1.01298	1.01298	0.0991433	0.627273	-1.5942	0.707431	0.907315	-1.10215	0.600209	0.872468	-1.14617	0.000524531	0.247995	-4.03235	0.442788	0.817191	-1.2237	0.0266113	1.96976	1.96976	0.651468	1.12447	1.12447	0.624176	0.880389	-1.13586	5.08504	5.36006	0.936965	1
cg03705346	ASH2L;ASH2L	0.0238637	0.0115241	1.61151	1.61151	0.102781	0.763721	-1.30938	0.994736	1.001	1.001	0.505673	1.10737	1.10737	0.237966	1.20522	1.20522	0.728709	0.948778	-1.05399	0.00624328	0.583786	-1.71296	0.0349234	0.689915	-1.44945	0.755507	1.0483	1.0483	4.42812	1.59924	0.321028	1
cg04091109	ASH2L;ASH2L	0.030506	0.119	0.850447	-1.17585	0.0297278	1.27755	1.27755	0.934372	1.00792	1.00792	0.916862	1.01005	1.01005	0.106048	0.844509	-1.18412	0.0735678	1.21044	1.21044	0.168626	1.15078	1.15078	0.00921564	0.728713	-1.37228	0.243706	0.889784	-1.12387	4.06261	0.58975	0.129036	1
cg24001280	ASH2L;ASH2L	0.0403598	0.461775	0.833632	-1.19957	0.0212088	0.510243	-1.95985	0.943265	0.982862	-1.01744	0.45345	0.830698	-1.20381	0.177852	0.706261	-1.41591	0.271164	0.75711	-1.32081	0.00537071	0.410493	-2.4361	0.00596828	0.417673	-2.39422	0.0754977	0.618414	-1.61704	3.671	3.4299	0.830508	1
cg23782083	ASH2L;ASH2L	0.0450449	0.00840229	0.20044	-4.98902	0.0162794	0.245938	-4.06607	0.0454823	0.334485	-2.98967	0.0178765	0.253026	-3.95216	0.157241	0.485703	-2.05887	0.981966	1.01085	1.01085	0.427273	0.679104	-1.47253	0.752358	1.16315	1.16315	0.104	0.427984	-2.33653	3.52421	12.7227	3.20897	1
cg21453287	ASH2L;ASH2L;ASH2L	0.024387	0.00483813	0.483127	-2.06985	0.644625	0.913555	-1.09462	0.0494235	1.54726	1.54726	0.967758	1.0079	1.0079	0.153214	0.742501	-1.3468	0.354746	0.830834	-1.20361	0.0588767	0.660127	-1.51486	0.065468	1.49552	1.49552	0.134076	1.3696	1.3696	4.39497	2.63763	0.533466	1
cg16440058	ASIP	0.000392029	0.00148276	0.19252	-5.19427	0.117572	1.84197	1.84197	0.0786887	2.01736	2.01736	0.0199309	2.74468	2.74468	0.0171091	0.351888	-2.84181	0.624353	0.837475	-1.19407	7.33E-05	0.0748917	-13.3526	0.000407711	0.13288	-7.52557	0.134007	0.559476	-1.78739	15.2848	31.2633	1.81813	1
cg05267394	ASIP	0.00132334	0.00310663	0.169847	-5.88765	0.108025	2.15653	2.15653	0.105166	2.17264	2.17264	0.171115	1.89393	1.89393	0.000609472	0.0988076	-10.1207	0.64004	0.813495	-1.22926	0.00155503	0.136208	-7.34169	0.00159682	0.137398	-7.27812	0.386478	0.677689	-1.4756	10.8636	33.0466	2.70397	1
cg16655240	ASIP	0.00177402	0.00787736	0.270795	-3.69283	0.00816613	3.65928	3.65928	0.00433886	4.30931	4.30931	0.00922202	3.54871	3.54871	0.0514922	0.427626	-2.33849	0.669258	0.848173	-1.179	0.00483274	0.238736	-4.18873	0.0174145	0.329748	-3.03262	0.691942	1.16487	1.16487	9.98378	23.2203	2.06738	1
cg13681935	ASIP	0.00328595	0.623475	0.882664	-1.13293	0.126152	0.658759	-1.51801	0.108829	0.643314	-1.55445	0.0787059	1.63648	1.63648	0.00212833	0.336594	-2.97094	0.344258	0.782128	-1.27856	0.000168937	0.199053	-5.02379	0.728764	0.915936	-1.09178	0.0153835	0.472283	-2.11738	8.32939	8.39326	0.895705	1
cg03658707	ASIP	0.00339765	0.210605	0.799547	-1.25071	0.120451	1.33061	1.33061	0.147769	0.768465	-1.3013	0.737042	0.944452	-1.05881	0.000965748	0.434634	-2.30079	0.000409034	0.385979	-2.59082	0.0034792	0.510436	-1.95911	0.665445	0.928878	-1.07657	0.318101	0.839458	-1.19125	8.24667	3.75625	0.404878	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12307818	ASIP	0.017942	0.00325716	0.223518	-4.47391	0.0597585	2.21079	2.21079	0.438797	0.744595	-1.34301	0.541058	0.793675	-1.25996	0.00459718	0.24445	-4.09082	0.0280583	0.379469	-2.63526	0.985272	0.99313	-1.00692	0.818755	0.917852	-1.0895	0.275786	0.654816	-1.52715	4.88042	10.7806	1.96351	1
cg19218509	ASIP	0.0197425	0.0179887	0.336865	-2.96855	0.0171879	3.00123	3.00123	0.026383	2.70938	2.70938	0.1253	1.8739	1.8739	0.147834	0.555586	-1.7999	0.480634	0.762329	-1.31177	0.194276	0.594632	-1.68171	0.0632989	0.453587	-2.20465	0.418465	0.731285	-1.36746	4.72531	10.7232	2.01717	1
cg22723802	ASL;ASL;ASL;ASL	0.000184709	0.335824	0.827346	-1.20868	0.00750707	0.518328	-1.92928	0.268682	1.24609	1.24609	0.00696305	1.94783	1.94783	0.863723	0.967725	-1.03335	0.0250955	0.601185	-1.66338	6.22E-06	0.145198	-6.88714	0.00348286	0.468993	-2.13223	0.00391338	0.476337	-2.09936	18.7713	10.8429	0.513449	1
cg01023169	ASL;ASL;ASL;ASL	0.00575191	0.311513	0.909109	-1.09998	0.00149233	0.65915	-1.5171	0.483741	0.937282	-1.06692	0.0198217	0.774131	-1.29177	0.00418392	0.705244	-1.41795	0.0188319	1.29559	1.29559	0.21806	1.12515	1.12515	0.988105	0.998644	-1.00136	0.042183	0.808138	-1.23741	7.03009	0.922227	0.116607	1
cg26235080	ASL;ASL;ASL;ASL	0.00894482	0.0690932	0.649585	-1.53945	0.000271236	0.281894	-3.54743	0.0255425	0.569609	-1.75559	0.409019	0.836018	-1.19615	0.408738	0.835924	-1.19628	0.592843	1.12129	1.12129	0.0882257	1.49035	1.49035	0.390722	0.829826	-1.20507	0.173608	0.735595	-1.35944	6.12431	4.36373	0.633356	1
cg09748749	ASL;ASL;ASL;ASL	0.0187847	0.0419474	0.358256	-2.7913	0.0150848	0.270397	-3.69827	0.755635	0.872223	-1.1465	0.691921	0.839954	-1.19054	0.0101247	0.241566	-4.13965	0.517206	0.750098	-1.33316	0.00330282	0.173336	-5.76913	0.00767924	0.223073	-4.48283	0.0710153	0.413452	-2.41866	4.80553	14.595	2.69967	1
cg06008330	ASL;ASL;ASL;ASL	0.0211711	0.0779921	1.1798	1.1798	0.0386907	1.22403	1.22403	0.00877308	1.32554	1.32554	0.224442	1.11376	1.11376	0.87815	0.98713	-1.01304	0.345764	1.08543	1.08543	0.00753116	0.748009	-1.33688	0.319106	0.91674	-1.09082	0.29012	1.09713	1.09713	4.61422	0.520922	0.100351	1
cg15340652	ASL;ASL;ASL;ASL	0.0340072	0.0148944	0.424956	-2.35318	0.131826	0.628256	-1.59171	0.874802	0.955942	-1.04609	0.464816	1.23687	1.23687	0.298596	0.735005	-1.36054	0.607147	1.15974	1.15974	0.00154787	0.272298	-3.67245	0.222593	0.693324	-1.44233	0.821449	0.937448	-1.06673	3.90754	5.05353	1.14958	1
cg23625466	ASL;ASL;ASL;ASL	0.0344964	0.295778	0.669332	-1.49403	0.158553	0.572288	-1.74737	0.245906	1.56735	1.56735	0.483383	0.768153	-1.30182	0.00472557	0.249115	-4.01421	0.146228	0.561255	-1.78172	0.00450084	0.246048	-4.06425	0.75993	1.12019	1.12019	0.82792	0.922551	-1.08395	3.88745	8.44264	1.93046	1
cg21937169	ASL;ASL;ASL;ASL	0.0348307	0.0637919	0.774709	-1.29081	0.885406	1.01782	1.01782	0.681701	1.05182	1.05182	0.062371	0.77338	-1.29303	0.245278	0.861667	-1.16054	0.0971213	0.800069	-1.24989	0.00104169	0.551726	-1.81249	0.83454	0.974701	-1.02596	0.844124	0.976172	-1.02441	3.87392	0.920807	0.211283	1
cg08861569	ASL;ASL;ASL;ASL;ASL;ASL;ASL	0.00124514	0.0127001	0.832404	-1.20134	0.00455174	1.25085	1.25085	8.30E-05	1.5215	1.5215	0.268804	1.0706	1.0706	0.00480134	1.24814	1.24814	0.832593	0.987541	-1.01262	0.366365	0.946518	-1.0565	0.0833033	1.12025	1.12025	0.121442	1.10456	1.10456	11.0546	0.614193	0.0493868	1
cg23500774	ASL;ASL;ASL;ASL;ASL;ASL;ASL	0.00685082	0.506288	1.19593	1.19593	0.87738	1.04173	1.04173	0.00636808	2.66762	2.66762	0.810319	0.938309	-1.06575	0.000925018	0.246548	-4.05601	0.0803652	1.68522	1.68522	0.444637	1.22987	1.22987	0.640342	1.13282	1.13282	0.00893171	2.49807	2.49807	7.65464	8.3182	0.845201	1
cg08205843	ASNA1	0.000139247	0.00797421	0.381738	-2.6196	0.993239	0.997604	-1.0024	0.355039	1.30918	1.30918	0.335405	1.32482	1.32482	0.166105	1.51916	1.51916	2.00E-06	0.0359868	-27.788	0.0276021	0.478264	-2.09089	0.00955577	0.39483	-2.53273	0.869713	1.04758	1.04758	20.2587	25.726	1.12878	1
cg03100752	ASNA1	0.0269682	0.0577719	2.89393	2.89393	0.0075999	5.47581	5.47581	0.141548	2.18799	2.18799	0.161863	2.09561	2.09561	0.0488649	3.0469	3.0469	0.240878	0.544362	-1.83701	0.00323799	7.30954	7.30954	0.230616	1.86434	1.86434	0.505782	1.39714	1.39714	4.24342	16.4882	3.45387	1
cg07105958	ASNS;ASNS;ASNS	5.33E-14	9.76E-14	2.37174	2.37174	2.49E-14	0.180688	-5.53439	?	?	?	7.16E-14	2.74066	2.74066	3.64E-13	0.639491	-1.56374	1.06E-13	2.29298	2.29298	?	?	?	?	?	?	1.27E-13	0.469107	-2.13171	1.88E+13	12.7925	2.27E-13	1
cg04903439	ASNS;ASNS;ASNS	0.00742383	0.00309623	0.242194	-4.12893	0.721733	0.882248	-1.13347	0.054172	0.465061	-2.15026	0.063037	2.08046	2.08046	0.00100241	0.180657	-5.53536	0.0877919	0.516786	-1.93504	0.0265885	0.39821	-2.51124	0.890983	1.04922	1.04922	0.141333	0.574565	-1.74045	6.49474	12.6248	1.72786	1
cg20943339	ASNS;ASNS;ASNS	0.0111434	0.955234	1.00424	1.00424	0.0816784	0.864733	-1.15643	0.0484717	0.843833	-1.18507	0.574807	1.04362	1.04362	0.0312432	1.2097	1.2097	0.173596	1.11522	1.11522	0.0630625	0.854288	-1.17057	0.00132381	1.42159	1.42159	0.805489	0.981588	-1.01876	5.70863	0.512943	0.0798701	1
cg25906151	ASNS;ASNS;ASNS	0.0126157	0.0106333	0.325858	-3.06882	0.899021	0.95665	-1.04531	0.00431091	3.78947	3.78947	0.795443	1.09493	1.09493	0.0653477	0.48571	-2.05884	0.00731683	0.29905	-3.34392	0.139654	0.574158	-1.74168	0.32226	0.699817	-1.42895	0.993898	0.997334	-1.00267	5.48356	10.583	1.71551	1
cg01245656	ASNS;ASNS;ASNS	0.0252122	0.0372415	0.783276	-1.27669	0.770503	1.02999	1.02999	0.288665	1.1177	1.1177	0.743005	0.96731	-1.0338	0.0449253	0.792553	-1.26175	0.231269	0.880869	-1.13524	0.00181761	0.63904	-1.56485	0.363488	1.09894	1.09894	0.267734	1.1237	1.1237	4.34444	0.702152	0.143663	1
cg12136088	ASNS;ASNS;ASNS	0.0432373	0.511883	0.931021	-1.07409	0.463905	1.08339	1.08339	0.446096	0.919943	-1.08702	0.0335071	1.30586	1.30586	0.341519	0.900053	-1.11105	0.00373745	1.52298	1.52298	0.338299	0.899381	-1.11188	0.383932	0.908538	-1.10067	0.142782	1.1844	1.1844	3.57852	0.654215	0.162504	1
cg10220637	ASNSD1	0.0217789	0.288725	1.40779	1.40779	0.216776	0.667905	-1.49722	0.0228324	0.429172	-2.33007	0.685298	1.13488	1.13488	0.0038934	0.299065	-3.34376	0.913734	0.966907	-1.03423	0.683369	0.880424	-1.13582	0.704195	0.88829	-1.12576	0.00334931	0.289448	-3.45485	4.56974	6.97998	1.35772	1
cg06651273	ASNSD1	0.0299535	0.0349067	0.578442	-1.72878	0.142005	1.42125	1.42125	0.0124953	1.99767	1.99767	0.231473	0.756182	-1.32243	0.664256	1.10213	1.10213	0.0344766	0.577449	-1.73175	0.0641694	1.58911	1.58911	0.364146	1.23079	1.23079	0.828945	0.952962	-1.04936	4.08909	3.21119	0.698051	1
cg00747241	ASPA	0.0176409	0.5027	0.834949	-1.19768	0.0470417	0.547305	-1.82713	0.142606	0.658413	-1.5188	0.46	0.819151	-1.22078	0.00112437	0.280368	-3.56674	0.381309	0.788104	-1.26887	0.0124558	0.438399	-2.28103	0.0792017	1.67663	1.67663	0.344349	0.772365	-1.29472	4.90824	5.46664	0.990015	1
cg20195820	ASPA;ASPA	7.60E-08	6.30E-05	0.688147	-1.45318	2.82E-08	0.356857	-2.80225	2.46E-08	0.350527	-2.85285	0.182871	1.07434	1.07434	0.0203604	0.867758	-1.15239	3.73E-07	0.476863	-2.09704	0.0139129	1.16665	1.16665	0.00228755	1.24151	1.24151	3.67E-07	0.476043	-2.10065	141.022	5.74772	0.0362289	1
cg07022764	ASPG	0.000298289	0.109672	0.795418	-1.2572	8.17E-05	2.53983	2.53983	0.00404191	1.65987	1.65987	0.73693	0.956715	-1.04524	0.430763	1.11132	1.11132	0.0343284	1.38267	1.38267	2.42E-05	3.01609	3.01609	0.00521675	1.62213	1.62213	0.0650628	1.31241	1.31241	16.4759	4.49494	0.242506	1
cg25307074	ASPG	0.000447359	0.0040507	2.42489	2.42489	5.70E-05	5.55537	5.55537	7.29E-05	5.24103	5.24103	0.0100651	2.10736	2.10736	0.0286463	1.80853	1.80853	0.0883273	1.5397	1.5397	0.786695	0.939646	-1.06423	0.243012	0.755483	-1.32366	0.724678	0.922044	-1.08455	14.7377	12.2951	0.741567	1
cg05858860	ASPG	0.00108285	0.00119901	0.344603	-2.90189	0.0296998	1.77617	1.77617	0.011253	0.49027	-2.03969	0.620615	1.11852	1.11852	0.000709491	0.314148	-3.18321	0.0664182	1.58742	1.58742	0.0017423	0.367109	-2.72398	0.128872	1.44542	1.44542	0.534369	1.15172	1.15172	11.5036	9.18086	0.709411	1
cg00685291	ASPG	0.00237304	0.00745103	7.21903	7.21903	0.00702791	7.38205	7.38205	0.0680251	3.22951	3.22951	0.798101	1.1584	1.1584	0.699939	0.800798	-1.24875	0.50736	1.47083	1.47083	0.000166674	0.0252706	-39.5717	0.904196	0.93326	-1.07151	0.456854	1.54444	1.54444	9.17148	47.7968	4.63241	1
cg14969899	ASPG	0.00306006	0.186035	0.823139	-1.21486	0.000961546	1.9789	1.9789	0.957668	0.992659	-1.0074	0.563391	0.922108	-1.08447	0.310837	0.864536	-1.15669	0.0500737	1.36361	1.36361	0.000457009	2.15167	2.15167	0.0205262	1.47319	1.47319	0.0335098	1.4117	1.4117	8.5079	2.59658	0.271286	1
cg05321225	ASPG	0.00346338	0.223369	1.44784	1.44784	0.000349127	5.27517	5.27517	0.291214	0.728465	-1.37275	0.453747	0.801911	-1.24702	0.0856237	1.73255	1.73255	0.0270137	2.13271	2.13271	0.00236029	3.41093	3.41093	0.00304001	3.2368	3.2368	0.364792	1.30915	1.30915	8.19957	10.8662	1.17797	1
cg15975513	ASPG	0.00676329	0.0276515	0.33835	-2.95552	0.00814607	0.244237	-4.09439	0.445178	0.723304	-1.38254	0.594583	1.25053	1.25053	0.00455363	0.207488	-4.81956	0.0471134	0.388446	-2.57436	0.00105257	0.133046	-7.51621	0.00874402	0.249032	-4.01554	0.0214532	0.316638	-3.15818	6.68638	18.3438	2.43863	1
cg20870298	ASPG	0.00698914	0.199799	0.754977	-1.32454	0.0627094	0.647533	-1.54432	0.00650982	2.0829	2.0829	0.905743	1.02488	1.02488	0.944533	1.01454	1.01454	0.0316564	1.68667	1.68667	0.00107955	2.72255	2.72255	0.0168601	1.83127	1.83127	0.507414	1.14976	1.14976	6.61832	4.5133	0.606169	1
cg20965743	ASPG	0.00725864	0.0322169	4.98805	4.98805	0.098593	3.19142	3.19142	0.271425	2.08243	2.08243	0.188847	2.43978	2.43978	0.0524149	4.10914	4.10914	0.0301344	5.12307	5.12307	0.000488274	33.1474	33.1474	0.00231158	15.2914	15.2914	0.00790748	8.86868	8.86868	6.54061	42.5212	5.77875	1
cg23458356	ASPG	0.0375114	0.12907	0.585375	-1.70831	0.300573	0.704523	-1.4194	0.0466965	2.10351	2.10351	0.605356	0.843507	-1.18553	0.79012	0.916589	-1.091	0.356414	0.733666	-1.36302	0.0051589	0.299434	-3.33963	0.861642	1.05861	1.05861	0.0150082	0.376743	-2.65433	3.77093	6.36665	1.50076	1
cg10098787	ASPG	0.046211	0.550815	0.841974	-1.18768	0.0742005	0.567225	-1.76297	0.195534	0.676964	-1.47718	0.0144597	0.423635	-2.36052	0.10768	1.64925	1.64925	0.0203964	2.21786	2.21786	0.350388	0.760383	-1.31513	0.540146	0.837991	-1.19333	0.694049	0.893445	-1.11926	3.49058	4.49015	1.14343	1
cg00168967	ASPH;ASPH	0.00456925	0.00200321	0.430589	-2.3224	0.0331499	0.618052	-1.61799	0.000545232	0.354143	-2.82372	0.0230333	0.591438	-1.6908	0.0111223	0.540665	-1.84958	0.941942	0.986026	-1.01417	0.198296	1.30041	1.30041	0.0518524	0.652161	-1.53336	0.106836	0.711666	-1.40515	7.54268	4.45923	0.525511	1
cg06068338	ASPH;ASPH	0.0361795	0.0374385	0.479588	-2.08512	0.00136505	0.243142	-4.11281	0.311402	0.727099	-1.37533	0.326301	1.36124	1.36124	0.782754	0.91933	-1.08775	0.92121	1.03056	1.03056	0.419132	1.28558	1.28558	0.436868	1.27298	1.27298	0.812606	0.930282	-1.07494	3.82092	5.60371	1.30363	1
cg18006411	ASPH;ASPH	0.0396498	0.292064	2.03052	2.03052	0.0146616	0.142717	-7.00689	0.286744	0.488339	-2.04776	0.0993285	3.22372	3.22372	0.485019	1.58365	1.58365	0.507856	1.54538	1.54538	0.0190787	6.28573	6.28573	0.0346235	4.93384	4.93384	0.993852	1.005	1.005	3.69508	24.5678	5.91005	1
cg10606061	ASPH;ASPH	0.0476015	0.52881	0.837874	-1.1935	0.0247769	0.476701	-2.09775	0.00301116	0.32383	-3.08804	0.467485	1.22747	1.22747	0.308424	1.33943	1.33943	0.744561	1.09487	1.09487	0.345988	1.30872	1.30872	0.801256	1.07242	1.07242	0.403328	0.788933	-1.26754	3.45182	4.20131	1.08189	1
cg04333463	ASPH;ASPH;ASPH;ASPH;ASPH	5.00E-05	0.864185	1.05093	1.05093	0.341713	0.752584	-1.32876	0.504825	1.21695	1.21695	3.34E-06	0.0414421	-24.13	7.73E-05	0.125323	-7.97937	0.901468	1.03659	1.03659	0.000527196	4.79186	4.79186	0.0512572	1.90409	1.90409	0.42377	1.26748	1.26748	26.6286	35.5017	1.18508	1
cg04958191	ASPH;ASPH;ASPH;ASPH;ASPH	0.00625273	0.29963	0.770561	-1.29776	0.141244	1.46759	1.46759	0.0143332	2.07941	2.07941	0.273883	1.31794	1.31794	0.000616999	0.278563	-3.58985	0.606302	1.13434	1.13434	0.0532025	1.70332	1.70332	0.0875184	1.57988	1.57988	0.0881026	1.57828	1.57828	6.85123	6.37919	0.827646	1
cg14405873	ASPH;ASPH;ASPH;ASPH;ASPH	0.0412591	0.762024	0.928891	-1.07655	0.943115	1.01748	1.01748	0.979682	0.993834	-1.0062	0.964212	0.989162	-1.01096	0.00291297	0.370259	-2.70081	0.869234	1.04083	1.04083	0.950772	0.985117	-1.01511	0.0269088	1.88987	1.88987	0.0735957	1.62326	1.62326	3.64125	3.40167	0.830405	1
cg05142030	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.00597821	0.0179234	0.389772	-2.5656	0.00522854	0.299206	-3.34218	0.000383012	0.156162	-6.40359	0.0974235	0.551183	-1.81428	0.113232	0.568629	-1.75862	0.0241025	0.414384	-2.41322	0.0096726	0.342233	-2.92199	0.214405	0.651751	-1.53433	0.00734735	0.322495	-3.10082	6.94696	11.802	1.51011	1
cg05696731	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.0183241	0.00805928	1.57219	1.57219	0.0382013	0.725961	-1.37748	0.127349	0.802677	-1.24583	0.434759	1.1121	1.1121	0.0380436	0.725712	-1.37796	0.347118	0.878916	-1.13777	0.0260564	1.42202	1.42202	0.134023	0.806192	-1.2404	0.732268	1.04685	1.04685	4.84593	1.36408	0.250212	1
cg02080319	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.0422533	0.402651	0.727443	-1.37468	0.168447	0.579686	-1.72507	0.67965	0.857033	-1.16682	0.723007	1.14137	1.14137	0.000727531	0.148235	-6.74604	0.332777	0.689896	-1.44949	0.202104	0.606283	-1.64939	0.583018	0.813838	-1.22875	0.114609	0.52858	-1.89186	3.60927	7.89102	1.9434	1
cg20903136	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.0453503	0.844633	1.05282	1.05282	0.00178051	0.311326	-3.21207	0.505035	0.837402	-1.19417	0.926113	0.97596	-1.02463	0.136337	0.656355	-1.52357	0.148181	0.665685	-1.50221	0.35399	0.778662	-1.28425	0.893973	1.0356	1.0356	0.0172537	0.467171	-2.14054	3.5153	3.83184	0.96893	1
cg03961580	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.00366997	0.417655	1.1872	1.1872	0.64588	0.908596	-1.1006	0.812064	1.05059	1.05059	0.767516	0.940429	-1.06334	4.82E-05	0.205012	-4.87778	0.447551	0.851825	-1.17395	0.228684	1.29919	1.29919	0.795848	0.947701	-1.05519	0.249797	1.28297	1.28297	8.05848	5.47822	0.604273	1
cg05702459	ASPHD1	0.000161383	1.97E-05	0.398229	-2.51112	0.00114329	0.601083	-1.66366	0.00485847	1.48803	1.48803	0.0789516	0.812509	-1.23075	0.544145	0.936746	-1.06753	0.577101	0.941804	-1.06179	0.0073749	1.44412	1.44412	0.00142044	1.63461	1.63461	0.561505	0.939428	-1.06448	19.469	3.49306	0.159481	1
cg08515989	ASPHD1	0.0195937	0.0191919	4.75351	4.75351	0.00147779	12.4747	12.4747	0.108466	2.62039	2.62039	0.0707122	3.03771	3.03771	0.925711	0.949984	-1.05265	0.156676	2.3013	2.3013	0.443199	0.650423	-1.53746	0.0109863	5.7866	5.7866	0.335251	1.72755	1.72755	4.73745	22.7111	4.26128	1
cg02488299	ASPHD1	0.0352249	0.0670974	0.37371	-2.67587	0.167175	2.02637	2.02637	0.176101	0.501654	-1.99341	0.409616	1.49847	1.49847	0.0947031	0.414423	-2.41299	0.186785	0.511115	-1.95651	0.00311665	0.143843	-6.952	0.461168	0.697806	-1.43306	0.0445947	0.330872	-3.02231	3.85817	14.0555	3.23827	1
cg10400843	ASPHD1	0.0482723	0.0163338	0.139099	-7.18915	0.128645	3.01444	3.01444	0.12551	3.0466	3.0466	0.119999	0.321971	-3.10587	0.129443	0.332621	-3.00642	0.364249	1.87094	1.87094	0.101056	0.299233	-3.34187	0.720873	1.27259	1.27259	0.0740068	0.262411	-3.81082	3.43362	24.5498	6.35542	1
cg18298050	ASPHD2	0.00178826	0.00315148	0.299904	-3.3344	0.0117405	0.390829	-2.55867	0.019157	0.42913	-2.3303	0.00156527	0.25765	-3.88124	0.00196099	0.270828	-3.69238	0.000858962	0.224488	-4.45459	0.00281602	0.292839	-3.41484	0.0543608	0.521229	-1.91854	0.00107115	0.236367	-4.23072	9.96067	14.052	1.254	1
cg03230757	ASPHD2	0.00849557	0.267507	0.882807	-1.13275	0.710188	1.0411	1.0411	0.0480732	0.783627	-1.27612	0.471096	1.08233	1.08233	0.799512	1.02784	1.02784	0.320682	0.895186	-1.11709	0.00023099	1.93417	1.93417	0.707015	0.960072	-1.04159	0.21285	0.867986	-1.15209	6.22504	1.14807	0.163936	1
cg12700695	ASPHD2	0.00946991	0.00461284	0.266225	-3.75622	0.0399588	0.434522	-2.30138	0.0466383	0.449416	-2.22511	0.00524034	0.274498	-3.64301	0.0919981	0.521437	-1.91778	0.00406468	0.258194	-3.87306	0.00226412	0.223205	-4.48019	0.220199	0.636018	-1.57228	0.761966	0.898841	-1.11254	6.01427	11.739	1.73499	1
cg00874494	ASPHD2	0.0122336	0.378558	0.829433	-1.20564	0.0238092	1.74787	1.74787	0.10766	1.43826	1.43826	0.413051	0.840944	-1.18914	0.0497963	1.58914	1.58914	0.578055	0.890195	-1.12335	0.00126447	2.64854	2.64854	0.217957	0.764698	-1.30771	0.104676	0.692728	-1.44357	5.53871	3.75895	0.60326	1
cg27515076	ASPHD2	0.0206806	0.120749	1.38834	1.38834	0.137921	1.36546	1.36546	0.00337853	0.459679	-2.17543	0.00913222	0.524289	-1.90735	0.106132	0.708861	-1.41071	0.608106	0.904071	-1.10611	0.278344	0.802686	-1.24582	0.17871	0.756868	-1.32123	0.140222	0.733879	-1.36262	4.65129	2.80073	0.535236	1
cg03750742	ASPM	0.0014303	0.00212478	0.45962	-2.17571	0.0427017	1.52196	1.52196	0.106964	1.37273	1.37273	0.118548	0.737091	-1.35668	0.0708667	0.695362	-1.4381	0.000447064	0.368975	-2.71021	0.610687	1.09683	1.09683	0.0346388	0.641834	-1.55804	0.00575956	1.91827	1.91827	10.624	5.45306	0.456247	1
cg10519406	ASPM	0.00238161	0.677859	0.948711	-1.05406	0.0280816	0.72111	-1.38675	0.0318886	0.728361	-1.37294	9.05E-05	0.413841	-2.41639	0.342602	0.884051	-1.13116	0.00123862	0.551536	-1.81312	0.0104021	0.665865	-1.50181	0.139548	0.818402	-1.22189	0.0148971	0.685609	-1.45856	9.16178	2.30519	0.223652	1
cg13073409	ASPM	0.0109512	0.901137	1.03657	1.03657	0.00149122	0.266163	-3.7571	0.0609777	0.543203	-1.84093	0.126708	0.620397	-1.61187	0.0123908	0.406726	-2.45866	0.109882	0.604336	-1.65471	0.0055498	0.348899	-2.86616	0.826413	0.938501	-1.06553	0.00605917	0.354933	-2.81743	5.74073	7.59309	1.17571	1
cg12528753	ASPM	0.0118622	0.417422	0.758916	-1.31767	0.0982742	0.543155	-1.8411	0.0290859	2.40118	2.40118	0.00164069	0.204443	-4.89135	0.00325383	0.246415	-4.05819	0.962093	0.984354	-1.01589	0.635147	0.853191	-1.17207	0.29107	0.693798	-1.44134	0.702579	1.13585	1.13585	6.32772	10.8	1.3275	1
cg02236668	ASPM	0.0236245	0.101916	0.514756	-1.94267	0.865502	1.0649	1.0649	0.00885715	0.290614	-3.44099	0.0173967	0.341621	-2.92722	0.00234758	0.20706	-4.82952	0.493444	0.772623	-1.29429	0.168189	0.580008	-1.72411	0.716821	0.873622	-1.14466	0.388629	1.38779	1.38779	4.44357	9.68196	1.93677	1
cg19623981	ASPM	0.0371815	0.0231085	0.69817	-1.43232	0.432472	0.899459	-1.11178	0.122249	0.801284	-1.248	0.00341893	0.590877	-1.6924	0.720132	0.953526	-1.04874	0.784691	1.03689	1.03689	0.0396965	0.730083	-1.36971	0.98181	1.00302	1.00302	0.178901	1.2079	1.2079	3.7831	1.04831	0.246313	1
cg11336294	ASPM	0.0409757	0.55014	1.34326	1.34326	0.715895	0.836771	-1.19507	0.012675	0.20944	-4.77465	0.0265627	0.268221	-3.72827	0.756826	0.859497	-1.16347	?	?	?	0.014629	0.21993	-4.5469	0.138275	2.19567	2.19567	0.732858	0.846178	-1.18178	4.04034	13.2183	2.86264	1
cg11215015	ASPM	0.0492212	0.0247656	0.373466	-2.67762	0.116715	0.533619	-1.874	0.445772	0.750952	-1.33164	0.129264	0.546601	-1.82949	0.160223	0.575292	-1.73825	0.0600798	0.457679	-2.18494	0.0183439	0.348304	-2.87105	0.0371561	0.410003	-2.43901	0.125492	1.84232	1.84232	3.40839	7.33033	1.91171	1
cg10212558	ASPM;ASPM	0.005964	0.987291	1.00428	1.00428	0.130276	0.630515	-1.586	?	?	?	0.0310736	0.468647	-2.1338	0.000401737	0.118765	-8.41996	0.0691948	0.555343	-1.80069	?	?	?	?	?	?	0.609303	1.14903	1.14903	13.4335	9.34928	0.579975	1
cg24401645	ASPM;ASPM	0.0211552	0.00113386	0.308854	-3.23778	0.90821	0.9721	-1.0287	0.481523	0.83902	-1.19187	0.309924	0.772765	-1.29405	0.04596	0.570535	-1.75274	0.0175589	0.492144	-2.03193	0.80885	1.06126	1.06126	0.447623	1.20911	1.20911	0.0335541	0.543804	-1.8389	4.61541	4.39982	0.847368	1
cg09868768	ASPRV1	0.0287043	0.0298557	3.43899	3.43899	0.477089	0.705127	-1.41818	0.122426	0.445309	-2.24563	0.188681	1.96024	1.96024	0.394844	0.656282	-1.52373	0.114602	2.29177	2.29177	0.00972539	4.85745	4.85745	0.0163596	4.13033	4.13033	0.137328	2.16711	2.16711	4.15124	15.356	3.28811	1
cg14166453	ASPRV1	0.0432834	0.042688	0.518603	-1.92826	0.739744	1.09836	1.09836	0.0144684	0.42827	-2.33498	0.638081	0.875173	-1.14263	0.00693213	0.374077	-2.67325	0.343231	0.759737	-1.31625	0.231576	0.702498	-1.42349	0.812206	0.935215	-1.06927	0.0139283	0.42534	-2.35106	3.57709	4.48673	1.11493	1
cg21685387	ASPRV1	0.0466612	0.306032	0.646151	-1.54763	0.983299	1.00866	1.00866	0.0846599	0.455728	-2.19429	0.60689	1.23846	1.23846	0.00943058	0.2577	-3.88048	0.691735	0.848549	-1.17848	0.870458	0.934957	-1.06957	0.197021	0.570051	-1.75423	0.00324823	0.191284	-5.22782	3.47788	9.35349	2.3906	1
cg02832915	ASPRV1	0.0469199	0.0395637	5.36204	5.36204	0.4153	0.555769	-1.79931	0.654768	0.727958	-1.37371	0.0819208	3.8958	3.8958	0.0535351	0.212919	-4.69662	0.917088	0.929171	-1.07623	0.0312449	5.94776	5.94776	0.0650235	4.31281	4.31281	0.0891546	3.7527	3.7527	3.47064	27.3565	7.00645	1
cg13112525	ASPRV1;ASPRV1	0.0087541	0.307778	0.791718	-1.26308	0.989364	0.997055	-1.00295	0.000233682	0.259219	-3.85775	0.0386557	1.69861	1.69861	0.260585	1.29639	1.29639	0.26692	1.29159	1.29159	0.486222	0.855111	-1.16944	0.793424	1.05978	1.05978	0.981425	1.00516	1.00516	6.16629	4.77957	0.688989	1
cg00969565	ASPSCR1	4.47E-05	0.00142951	0.529599	-1.88822	0.002352	0.557141	-1.79488	0.00262228	0.563188	-1.7756	0.151816	0.80928	-1.23567	2.75E-06	0.212006	-4.71684	0.00186891	0.544396	-1.8369	0.100575	1.28133	1.28133	0.163221	0.814563	-1.22765	1.37E-05	0.285703	-3.50014	27.4273	8.25067	0.267396	1
cg18148283	ASPSCR1	5.64E-05	0.483954	0.928157	-1.0774	0.35188	1.10563	1.10563	1.90E-05	0.40209	-2.48701	0.101179	1.20699	1.20699	0.00206201	0.634531	-1.57597	0.00017349	0.512666	-1.95059	9.05E-06	0.365269	-2.73771	0.227172	1.14212	1.14212	0.0212464	0.748087	-1.33674	25.7899	4.48685	0.154646	1
cg05448137	ASPSCR1	0.00125031	0.0708825	0.841958	-1.18771	0.303205	0.913102	-1.09517	0.607256	1.04519	1.04519	0.000386262	1.6204	1.6204	0.000185328	0.583797	-1.71293	0.426694	1.07163	1.07163	0.642348	0.960916	-1.04067	0.120743	1.15424	1.15424	0.11588	1.15682	1.15682	11.0415	1.2707	0.102297	1
cg06238300	ASPSCR1	0.00135429	0.0163385	1.33298	1.33298	0.003341	0.67636	-1.4785	0.00915357	0.723196	-1.38275	0.119663	1.17976	1.17976	0.0285211	1.28792	1.28792	0.00563354	1.42724	1.42724	0.002643	1.50278	1.50278	0.037828	0.789945	-1.26591	0.0850069	1.20498	1.20498	10.7918	1.63835	0.134946	1
cg00598204	ASPSCR1	0.00250939	0.0661104	0.468953	-2.13241	0.00555071	0.262263	-3.81296	0.00238312	0.211067	-4.73783	0.439303	0.748455	-1.33609	0.00831827	0.289662	-3.4523	0.0215911	0.362948	-2.75521	0.000635769	0.145531	-6.87137	0.025625	2.64839	2.64839	0.981052	1.00876	1.00876	9.02208	19.2809	1.89962	1
cg10624462	ASPSCR1	0.00369554	0.249829	0.700855	-1.42683	0.00312292	0.302848	-3.30199	0.110742	0.598325	-1.67133	0.204091	1.48607	1.48607	0.00223054	0.282012	-3.54595	0.831227	1.06511	1.06511	0.304377	1.36942	1.36942	0.0180293	2.33769	2.33769	0.00875371	2.68319	2.68319	8.04172	11.1261	1.22982	1
cg04597389	ASPSCR1	0.00695138	0.430229	0.908826	-1.10032	0.301804	0.880715	-1.13544	0.702357	1.04664	1.04664	0.0139291	0.697199	-1.43431	0.922788	0.988555	-1.01158	0.186534	0.84682	-1.18089	0.000117283	0.448905	-2.22764	0.182996	0.845545	-1.18267	0.0569645	0.774321	-1.29145	6.62951	1.4803	0.198479	1
cg05277504	ASPSCR1	0.00741077	0.0368521	0.322915	-3.09679	0.0627047	0.376659	-2.65492	0.0598885	0.371674	-2.69053	0.0955471	0.425858	-2.3482	0.0198218	0.269431	-3.71152	0.0174752	0.259586	-3.85229	0.00093513	0.100015	-9.99847	0.029655	3.29858	3.29858	0.170273	0.506165	-1.97564	6.49832	22.3691	3.05982	1
cg08091666	ASPSCR1	0.00948787	0.0124728	0.362978	-2.75499	0.014685	0.37561	-2.66233	0.0259993	0.422586	-2.36638	0.0305541	0.436723	-2.28978	0.0181145	0.392349	-2.54875	0.0280704	0.429247	-2.32966	0.000989547	0.202802	-4.93091	0.631865	1.17041	1.17041	0.0547828	0.491589	-2.03422	6.01064	10.1162	1.49605	1
cg20287434	ASPSCR1	0.0213736	0.0538943	0.614024	-1.6286	0.00150789	0.360995	-2.77012	0.135335	0.698561	-1.43151	0.20231	0.740818	-1.34986	0.0129216	0.502718	-1.98919	0.0215531	0.540576	-1.84988	0.849645	1.0432	1.0432	0.0719496	0.639121	-1.56465	0.82535	1.05049	1.05049	4.59923	3.6177	0.69919	1
cg07104895	ASPSCR1	0.0278315	0.733561	0.757792	-1.31962	0.0368975	7.15303	7.15303	0.043378	6.59232	6.59232	0.851195	1.16468	1.16468	0.0121903	0.079222	-12.6228	0.846676	0.854584	-1.17016	0.150293	0.286022	-3.49624	0.440469	1.8938	1.8938	0.019262	0.100444	-9.95575	4.19669	43.7963	9.27637	1
cg16022580	ASPSCR1	0.0302668	0.330905	0.821519	-1.21726	0.181181	0.757153	-1.32074	0.000679834	0.361474	-2.76645	0.818987	0.956074	-1.04594	0.0187105	0.572116	-1.7479	0.547153	0.887462	-1.12681	0.266145	0.796873	-1.25491	0.887359	1.02816	1.02816	0.366618	0.833802	-1.19933	4.074	2.47788	0.540638	1
cg17890850	ASPSCR1	0.0352142	0.85563	0.96004	-1.04162	0.596136	1.12723	1.12723	0.682957	0.912151	-1.09631	0.0701475	1.57353	1.57353	0.00180258	0.370123	-2.7018	0.22686	0.752692	-1.32857	0.417925	0.830817	-1.20363	0.267937	1.29484	1.29484	0.117023	0.683	-1.46413	3.8586	3.06395	0.705829	1
cg02647835	ASPSCR1	0.037252	0.501572	0.730293	-1.36931	0.00249229	0.1442	-6.93483	0.0304232	0.309643	-3.22952	0.863862	0.923964	-1.08229	0.0681934	0.390215	-2.56269	0.0173554	0.263135	-3.80033	0.0748424	0.400788	-2.49508	0.346739	0.639866	-1.56283	0.984427	1.00903	1.00903	3.78049	12.7144	2.98947	1
cg12374579	ASPSCR1	0.0385727	0.366218	0.773035	-1.2936	0.0382454	0.513777	-1.94637	0.000894526	0.251777	-3.97177	0.22682	0.703363	-1.42174	0.13991	0.64375	-1.5534	0.165415	0.663469	-1.50723	0.0870059	0.592094	-1.68892	0.21095	0.693845	-1.44124	0.623572	0.871816	-1.14703	3.73264	4.54608	1.0826	1
cg24392479	ASPSCR1	0.0390074	0.0169994	0.416408	-2.40149	0.294529	0.720893	-1.38717	0.00880113	2.72962	2.72962	0.219723	0.678094	-1.47472	0.293058	0.72012	-1.38866	0.488639	0.809156	-1.23586	0.0910475	0.571027	-1.75123	0.0787366	0.555589	-1.79989	0.355723	0.751289	-1.33105	3.71733	5.33475	1.27565	1
cg14116222	ASPSCR1	0.0440824	0.616542	1.1825	1.1825	0.606326	1.18838	1.18838	0.00472039	0.287538	-3.4778	0.376856	1.35132	1.35132	0.191232	0.631638	-1.58318	0.604112	1.18967	1.18967	0.00788942	0.322535	-3.10044	0.586803	0.833436	-1.19985	0.925747	0.969524	-1.03143	3.55278	6.20288	1.55193	1
cg08311321	ASPSCR1	0.0446716	0.541387	0.730187	-1.36951	0.00756439	0.174187	-5.74095	0.00696339	0.169372	-5.90416	0.795899	0.87648	-1.14093	0.213772	0.513842	-1.94612	0.0301598	0.273422	-3.65735	0.0607971	0.341283	-2.93012	0.303679	0.581666	-1.7192	0.67015	1.2435	1.2435	3.5352	14.4848	3.64204	1
cg23135546	ASPSCR1	0.0462787	0.445409	0.695828	-1.43714	0.00202644	0.131433	-7.60845	0.0257629	0.290972	-3.43675	0.957687	1.02504	1.02504	0.136958	0.473846	-2.11039	0.0471932	0.346898	-2.88269	0.152395	0.489352	-2.04352	0.204754	0.535888	-1.86606	0.861309	0.921709	-1.08494	3.48866	12.0091	3.05983	1
cg23160483	ASPSCR1	0.0467902	0.182122	0.569196	-1.75686	0.0139881	3.34579	3.34579	0.720475	0.866771	-1.15371	0.674913	1.18277	1.18277	0.693887	1.17047	1.17047	0.121729	0.512958	-1.94948	0.0300931	0.362379	-2.75954	0.0446268	2.503	2.503	0.728232	0.870391	-1.14891	3.47426	8.71308	2.22924	1
cg01523772	ASPSCR1	0.0475894	0.0802255	0.503999	-1.98413	0.404815	0.74013	-1.35111	0.986011	0.993829	-1.00621	0.889456	0.952087	-1.05032	0.00449328	0.262552	-3.80876	0.015288	0.349445	-2.86168	0.0441081	0.441941	-2.26274	0.484265	1.28525	1.28525	0.270426	0.666892	-1.49949	3.45215	6.81492	1.75476	1
cg25830692	ASRGL1;ASRGL1	0.00121143	0.809108	0.947304	-1.05563	0.000171487	0.23972	-4.17154	0.00770178	0.464931	-2.15086	0.325671	1.25483	1.25483	0.000636283	0.309297	-3.23314	0.0180847	0.526136	-1.90065	0.00148137	0.358575	-2.78881	0.498507	1.16613	1.16613	0.234471	0.756721	-1.32149	11.1416	8.82836	0.704336	1
cg26547875	ASRGL1;ASRGL1	0.00258741	0.0253687	0.70408	-1.42029	0.0200946	0.690577	-1.44806	0.226761	0.84574	-1.1824	0.0121974	0.662118	-1.51031	0.000104558	0.404429	-2.47262	0.0010028	0.524777	-1.90557	0.141665	0.811704	-1.23198	0.986074	0.997698	-1.00231	0.165205	0.822482	-1.21583	8.94107	2.46803	0.245362	1
cg08626382	ASRGL1;ASRGL1	0.00481632	0.0264768	2.02805	2.02805	0.00408725	0.35502	-2.81674	0.0144169	0.444652	-2.24895	0.596745	0.866317	-1.15431	0.444325	0.810926	-1.23316	0.116301	1.58198	1.58198	0.0112344	2.34827	2.34827	0.0069707	2.55502	2.55502	0.95038	1.01687	1.01687	7.42283	8.49149	1.01686	1
cg26280685	ASRGL1;ASRGL1	0.00954075	0.00875822	0.218778	-4.57085	0.625393	1.25099	1.25099	0.652181	1.22937	1.22937	0.506601	1.35891	1.35891	0.00069504	0.0948821	-10.5394	0.103672	0.444892	-2.24774	0.237975	1.7552	1.7552	0.0174193	0.267794	-3.73422	0.437752	0.697497	-1.4337	6	19.6836	2.91609	1
cg04728402	ASRGL1;ASRGL1	0.0169235	0.0406504	0.459752	-2.17508	0.194005	0.636498	-1.5711	0.157895	0.608724	-1.64278	0.168138	0.617005	-1.62073	0.00147246	0.221141	-4.522	0.434772	0.769513	-1.29952	0.0252948	0.417134	-2.39731	0.00224951	0.24513	-4.07946	0.52851	0.810638	-1.2336	4.97698	8.51962	1.52161	1
cg13209154	ASRGL1;ASRGL1	0.0186073	0.00265819	0.272158	-3.67433	0.065415	0.523329	-1.91084	0.226506	0.671921	-1.48827	0.0339102	0.46052	-2.17146	0.00610349	0.326026	-3.06724	0.0868178	0.553116	-1.80794	0.00542752	0.318026	-3.1444	0.323466	0.726648	-1.37618	0.588982	0.842986	-1.18626	4.82094	7.4858	1.38024	1
cg12640109	ASRGL1;ASRGL1	0.0209164	0.0276932	0.488942	-2.04523	0.51412	1.19947	1.19947	0.368217	0.775633	-1.28927	0.324439	0.755979	-1.32279	0.012206	0.423826	-2.35946	0.0885911	0.59665	-1.67603	0.0031861	0.330505	-3.02567	0.00652154	0.378419	-2.64257	0.493478	0.825988	-1.21067	4.63333	5.54551	1.06389	1
cg16077226	ASRGL1;ASRGL1	0.0312111	0.0971677	1.60071	1.60071	0.393663	0.797882	-1.25332	0.619935	1.13791	1.13791	0.0354113	1.88322	1.88322	0.056545	0.572441	-1.7469	0.179788	0.692001	-1.44508	0.0300037	1.93416	1.93416	0.0163262	2.13562	2.13562	0.305621	1.31538	1.31538	4.02966	4.26205	0.940151	1
cg23439361	ASRGL1;ASRGL1	0.0458938	0.0553897	0.541914	-1.84531	0.498338	0.82371	-1.21402	0.0238778	0.467411	-2.13945	0.494453	1.21622	1.21622	0.00555715	0.357814	-2.79475	0.226209	0.69871	-1.43121	0.0575538	0.545567	-1.83296	0.415075	1.26495	1.26495	0.151941	0.648532	-1.54194	3.49963	4.41186	1.12059	1
cg06239285	ASRGL1;ASRGL1;ASRGL1;ASRGL1	0.0283122	0.555383	0.656459	-1.52332	0.628317	1.41089	1.41089	0.219271	0.401876	-2.48833	0.0569197	0.218639	-4.57374	0.00106929	0.0330036	-30.2997	0.613734	1.43211	1.43211	?	?	?	0.416407	1.79694	1.79694	0.732265	1.2742	1.2742	4.24245	29.7383	7.0097	1
cg14350382	ASS1;ASS1	0.000135262	0.263417	1.4615	1.4615	0.730806	1.11897	1.11897	6.45E-05	10.9109	10.9109	2.64E-05	14.9534	14.9534	0.467229	1.27224	1.27224	0.000776844	5.23404	5.23404	0.0357262	2.21541	2.21541	0.000223624	7.38323	7.38323	0.00016973	8.01614	8.01614	20.4176	34.2564	1.49137	1
cg02442630	ASS1;ASS1	0.000461318	0.00439632	0.615806	-1.62389	0.000369568	0.4835	-2.06825	0.0217759	0.703939	-1.42058	0.502417	1.09066	1.09066	3.29E-05	0.357781	-2.795	0.0661857	1.30047	1.30047	0.293227	1.14913	1.14913	0.51778	1.08719	1.08719	0.52132	0.920469	-1.0864	14.613	3.76165	0.228817	1
cg11045524	ASS1;ASS1	0.0019076	0.273319	0.646222	-1.54746	0.410862	0.72465	-1.37998	0.00213063	5.22248	5.22248	0.00182138	5.45791	5.45791	0.339839	0.686088	-1.45754	0.0110023	3.39292	3.39292	0.00280009	4.84286	4.84286	0.0180863	3.00283	3.00283	0.00142743	5.852	5.852	9.77557	22.7086	2.06489	1
cg22791453	ASS1;ASS1	0.0137039	0.0846802	0.622172	-1.60727	0.853213	1.04717	1.04717	0.337818	1.27876	1.27876	0.0513566	0.575758	-1.73684	0.0447833	0.563702	-1.77399	0.343754	0.784501	-1.2747	0.0138191	0.468977	-2.1323	0.000602409	0.268033	-3.73089	0.468187	0.8322	-1.20163	5.33722	5.23477	0.871826	1
cg14016879	ASS1;ASS1	0.037374	0.0803075	0.368752	-2.71185	0.00181305	0.102249	-9.78002	0.0238651	0.249986	-4.00023	0.348241	0.608598	-1.64312	0.0717547	0.355653	-2.81173	0.224899	0.519195	-1.92606	0.120598	0.420755	-2.37668	0.0321056	0.275016	-3.63616	0.672075	0.803368	-1.24476	3.77599	15.8131	3.7225	1
cg23282771	ASS1;ASS1;ASS1;ASS1	3.38E-05	0.0938811	0.799442	-1.25087	0.837116	1.02533	1.02533	6.45E-07	5.22184	5.22184	0.169797	0.837201	-1.19446	0.0679328	0.78002	-1.28202	0.000237099	2.09587	2.09587	0.568044	0.932282	-1.07264	0.216613	0.853862	-1.17115	0.238978	1.16166	1.16166	29.5252	6.90437	0.207864	1
cg21570180	ASTE1	0.00217894	0.0157017	0.330905	-3.02202	0.578631	1.23311	1.23311	0.173793	0.582476	-1.71681	0.228848	1.60267	1.60267	0.00013545	0.0847697	-11.7967	0.722237	0.875193	-1.14261	0.00124687	0.171806	-5.82051	0.557388	0.801214	-1.24811	0.00982467	0.295529	-3.38376	9.4037	20.7762	1.96388	1
cg01042637	ASTE1	0.00289263	0.784179	0.945666	-1.05746	0.968427	0.991978	-1.00809	0.211719	0.765126	-1.30698	0.000109479	0.250008	-3.99988	0.0236679	0.57713	-1.73271	0.226057	1.29522	1.29522	0.308619	1.23916	1.23916	0.665543	0.915302	-1.09254	0.00259531	0.427736	-2.33789	8.65118	5.67375	0.582965	1
cg23100626	ASTL	0.00399518	0.000361772	4.15408	4.15408	0.0266616	1.92342	1.92342	0.301124	0.765817	-1.30579	0.124188	1.51376	1.51376	0.284505	0.758154	-1.31899	0.0481956	1.75469	1.75469	0.00626444	2.42794	2.42794	0.0613269	1.69049	1.69049	0.00493215	2.52791	2.52791	7.85534	7.71579	0.873097	1
cg02377024	ASTL	0.00869039	0.260877	0.803222	-1.24499	0.027447	1.62812	1.62812	0.101498	0.715304	-1.39801	0.0350855	0.632044	-1.58217	0.0107392	0.549337	-1.82038	0.209456	0.780987	-1.28043	0.000682639	0.379197	-2.63715	0.469629	0.871562	-1.14736	0.164791	0.758106	-1.31908	6.18057	3.41818	0.491603	1
cg05204310	ASTL	0.0150284	0.829524	1.06965	1.06965	0.00459982	3.24688	3.24688	0.200987	1.52455	1.52455	0.259016	1.4444	1.4444	0.815301	1.0758	1.0758	0.0983959	0.567819	-1.76113	0.0283808	0.445788	-2.24322	0.00605319	3.06298	3.06298	0.179058	1.56156	1.56156	5.17745	7.99454	1.37254	1
cg13480937	ASTN1;ASTN1	3.88E-05	0.00437662	1.68062	1.68062	0.00337269	0.580481	-1.72271	0.00482208	0.600447	-1.66543	0.000881459	1.97391	1.97391	2.40E-06	0.209493	-4.77343	0.261494	1.17319	1.17319	0.0056219	1.64186	1.64186	0.395953	1.1259	1.1259	0.109489	0.788178	-1.26875	28.4632	8.38796	0.261951	1
cg13115661	ASTN1;ASTN1	0.0245366	0.713198	1.09526	1.09526	0.428243	1.22059	1.22059	0.678829	1.10807	1.10807	0.0164619	0.485602	-2.0593	0.030601	0.534656	-1.87036	0.0961704	0.637444	-1.56877	0.00596169	0.412252	-2.4257	0.809204	0.942122	-1.06143	0.0682867	1.65387	1.65387	4.38565	4.21941	0.855195	1
cg06116757	ASTN1;ASTN1	0.0268923	0.0756837	0.42626	-2.34599	0.683602	1.1933	1.1933	0.261858	1.65631	1.65631	0.0597238	2.50009	2.50009	0.045782	0.372494	-2.68461	0.581594	1.27129	1.27129	0.0115596	0.256165	-3.90373	0.0510057	2.60805	2.60805	0.162428	0.525602	-1.90258	4.24761	12.5128	2.61852	1
cg18865685	ASTN1;ASTN1	0.0496668	0.505353	1.27269	1.27269	0.259001	1.52217	1.52217	0.138294	1.76705	1.76705	0.646795	1.17892	1.17892	0.115108	0.542693	-1.84266	0.602741	1.20603	1.20603	0.00569678	3.64593	3.64593	0.0110148	3.11989	3.11989	0.766477	1.1121	1.1121	3.39675	6.84729	1.79185	1
cg06650419	ASTN1;ASTN1;ASTN1;ASTN1	0.0204106	0.436866	1.0693	1.0693	0.0294505	1.24189	1.24189	0.000812835	1.53199	1.53199	0.727033	1.03005	1.03005	0.0160027	1.2829	1.2829	0.258595	1.10471	1.10471	0.305528	0.914268	-1.09377	0.597833	1.046	1.046	0.249334	1.10707	1.10707	4.67216	0.528112	0.100474	1
cg13412550	ASTN2;ASTN2;ASTN2	0.00066912	1.77E-05	0.159441	-6.2719	0.022226	1.7743	1.7743	0.376341	0.827015	-1.20917	0.265885	1.27449	1.27449	0.0062076	0.474034	-2.10955	0.66019	0.911594	-1.09698	0.12454	0.706157	-1.41612	0.214269	1.31462	1.31462	0.362514	1.21629	1.21629	13.1764	9.134	0.616187	1
cg07171518	ASTN2;ASTN2;ASTN2	0.00283065	0.727646	0.963265	-1.03814	0.000362936	1.84385	1.84385	0.68989	1.04387	1.04387	0.840043	0.978598	-1.02187	0.00486512	0.670558	-1.4913	0.257637	1.1348	1.1348	0.00631086	1.46341	1.46341	0.0456713	0.782486	-1.27798	0.417451	0.915116	-1.09276	8.70687	1.58022	0.161326	1
cg01593609	ASTN2;ASTN2;ASTN2	0.0141012	0.00718169	0.528643	-1.89164	0.883713	1.02725	1.02725	0.0236847	1.64226	1.64226	0.814271	1.04417	1.04417	0.0295434	0.6246	-1.60102	0.572108	0.900452	-1.11055	0.736747	0.93991	-1.06393	0.00295707	0.472635	-2.1158	0.178989	0.769343	-1.29981	5.28735	2.8251	0.474945	1
cg14473030	ASTN2;ASTN2;ASTN2;ASTN2	0.0066847	0.00212348	0.185034	-5.40442	0.070811	0.454441	-2.20051	0.0968952	0.490694	-2.03793	0.369254	1.43372	1.43372	0.0150448	0.31114	-3.21399	0.00589445	0.244721	-4.08629	0.00168754	0.173193	-5.77392	0.649503	0.836314	-1.19572	0.021004	0.337992	-2.95865	6.71072	16.2232	2.14889	1
cg00213714	ASTN2;ASTN2;TRIM32;ASTN2;TRIM32;ASTN2;ASTN2	0.00173828	0.456092	0.866805	-1.15366	0.00748561	1.91237	1.91237	0.000701892	2.64579	2.64579	0.118295	0.726624	-1.37623	0.456197	0.866835	-1.15362	0.00388321	2.07987	2.07987	0.0531156	0.661118	-1.51259	0.317799	0.823285	-1.21465	0.00206528	2.26382	2.26382	10.0428	5.6404	0.499231	1
cg12947510	ASTN2;TRIM32;ASTN2;ASTN2;ASTN2;ASTN2;TRIM32	0.0494178	0.437235	0.867005	-1.1534	0.147274	1.32319	1.32319	0.266294	0.811734	-1.23193	0.621571	0.914295	-1.09374	0.329951	1.19847	1.19847	0.0186984	1.67066	1.67066	0.0218665	0.609321	-1.64117	0.411117	0.859546	-1.16341	0.0742734	1.4307	1.4307	3.40324	1.7479	0.456532	1
cg11030124	ASXL1	0.00253678	0.392998	0.897125	-1.11467	0.0340621	1.35918	1.35918	0.967522	1.00506	1.00506	0.189834	1.18801	1.18801	0.000492453	1.96806	1.96806	0.975401	0.996182	-1.00383	0.000137091	2.26666	2.26666	0.167844	1.20005	1.20005	0.170976	1.19825	1.19825	8.99329	2.19231	0.216686	1
cg08217589	ASXL1	0.00845575	0.00621104	0.43137	-2.3182	0.0435667	0.578747	-1.72787	0.00541492	0.42205	-2.36939	0.0249756	0.533314	-1.87507	0.0157525	0.497912	-2.00839	0.0147897	0.493205	-2.02755	0.00260988	0.374343	-2.67135	0.214251	0.734801	-1.36091	0.00539726	0.42183	-2.37063	6.23429	5.48386	0.781892	1
cg18793288	ASXL1;ASXL1	0.00504249	0.111945	1.17611	1.17611	0.792172	0.975556	-1.02506	0.0314462	1.26678	1.26678	0.584075	0.94951	-1.05317	0.838459	1.01931	1.01931	0.08433	1.19596	1.19596	0.000505948	0.600905	-1.66416	0.0141979	0.753124	-1.3278	0.0488698	0.809945	-1.23465	7.31966	1.01813	0.12364	1
cg09065199	ASXL1;ASXL1	0.00712112	0.607337	1.05672	1.05672	0.00116347	0.601922	-1.66134	0.0181255	0.736788	-1.35724	0.447151	0.920838	-1.08597	0.00770043	1.43976	1.43976	0.743484	0.965651	-1.03557	0.0235904	0.74995	-1.33342	0.630982	0.949788	-1.05287	0.0593696	0.797279	-1.25427	6.57981	1.1807	0.159505	1
cg12592359	ASXL1;ASXL1	0.0100465	0.0137239	0.136342	-7.33452	0.130305	0.343523	-2.91102	0.310348	0.503371	-1.98661	0.1933	0.4065	-2.46003	0.00471099	0.0858067	-11.6541	0.106538	0.31588	-3.16575	0.00389065	0.0787069	-12.7054	0.00141476	0.0487505	-20.5126	0.017552	0.151095	-6.61836	5.90185	39.9685	6.01973	1
cg24727216	ASXL1;ASXL1	0.022707	0.00980794	0.454107	-2.20212	0.339732	0.788269	-1.2686	0.196127	0.718554	-1.39168	0.480753	1.18922	1.18922	0.0499118	0.582344	-1.7172	0.826243	0.948228	-1.0546	0.00166133	0.336908	-2.96817	0.0628637	0.602882	-1.6587	0.0458297	0.574932	-1.73934	4.50471	4.17116	0.823072	1
cg23798714	ASXL1;ASXL1	0.0424093	0.546857	1.14488	1.14488	0.0497705	0.608575	-1.64318	0.958312	1.01167	1.01167	0.369351	0.814977	-1.22703	0.294655	1.27277	1.27277	0.0957271	0.666255	-1.50093	0.00484173	2.29153	2.29153	0.733183	1.07889	1.07889	0.133558	0.6983	-1.43205	3.60433	2.81128	0.693309	1
cg06443831	ASXL2	0.00045658	2.42E-05	0.173443	-5.76558	0.000334665	0.299629	-3.33746	0.021785	0.563515	-1.77458	0.772054	0.941287	-1.06238	0.105097	0.691494	-1.44614	0.816805	0.952812	-1.04952	0.0876124	1.48109	1.48109	0.573805	1.12568	1.12568	0.00287194	0.425594	-2.34966	14.6548	10.0714	0.610883	1
cg26088614	ASXL2	0.00521365	0.015632	0.542918	-1.8419	0.0482397	0.628013	-1.59232	0.0669259	0.654907	-1.52693	0.00277592	0.427358	-2.33996	0.0121873	0.525325	-1.90358	0.610112	1.1118	1.1118	0.046123	1.60149	1.60149	0.0159598	1.83688	1.83688	0.213573	0.763449	-1.30985	7.24534	4.87344	0.597894	1
cg19541697	ASXL2	0.00568109	0.0221901	3.78356	3.78356	0.879743	1.07624	1.07624	0.344683	1.6038	1.6038	0.734875	0.847925	-1.17935	0.00298298	0.138454	-7.2226	0.360498	1.57813	1.57813	0.00146396	9.29679	9.29679	0.034656	3.30448	3.30448	0.0371728	3.23525	3.23525	7.05694	26.3254	3.31593	1
cg22702784	ASXL2	0.00583665	0.0139687	0.641208	-1.55956	0.079281	0.75188	-1.33	0.823652	1.03321	1.03321	0.630729	1.07347	1.07347	0.810599	1.03577	1.03577	0.000493717	0.449981	-2.22232	0.00492519	0.579684	-1.72508	0.477174	1.1116	1.1116	0.148709	1.25449	1.25449	6.99849	2.37515	0.301671	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(3 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg19084174	ASXL2	0.0116587	0.162637	1.46999	1.46699	1.188513	1.43073	1.43073	0.00509154	2.54041	2.54041	0.131052	1.42746	1.42746	0.0824343	0.583263	1.73449	0.0042951	0.174648	-2.66917	0.0933588	0.62221	-1.60718	0.276212	1.338	1.338	0.937452	1.020838	0.62585	5.88871	0.93042	1
cg23780110	ASXL2	0.01585	0.0316172	10.6025	10.6025	0.234895	3.21076	3.21076	0.163268	4.03168	4.03168	0.0617902	10.6025	10.6025	0.0206795	0.0363959	27.4756	0.859383	1.18074	1.18074	0.0960795	28.8938	28.8938	0.111899	5.06319	5.06319	0.048103	8.30285	5.08089	70.723	12.3582	1
cg05496738	ASXL2	0.0100654	7	7	7	0.102276	2.39151	2.39151	0.13977	2.16563	2.16563	0.647083	0.80102	-1.24841	7	7	7	0.22562	1.8524	1.8524	0.784909	0.8767	-1.14064	0.00310846	0.129072	-7.74762	0.3064948	0.59944	-1.66822	4.65065	12.9655	2.78789	1
cg27492103	ASXL2	0.0309087	0.0151684	0.276896	-3.61146	0.560515	0.776116	-1.28835	0.0436744	0.581585	-1.72039	0.34556	0.658249	-1.51918	0.0084915	0.235479	-4.24666	0.21632	0.571169	-1.75079	0.00608471	0.214014	-4.6726	0.935913	1.03522	1.03522	0.0294479	0.331581	0.015864	0.44868	11.8672	2.60867	1
cg02295389	ASXL2	0.0161528	0.0168166	0.30025	-3.33055	0.183661	0.560331	-1.78466	0.0104389	0.264558	-3.77988	0.40546	0.703966	-1.42052	0.0414586	0.379176	-2.63729	0.947731	1.02741	1.02741	0.0272787	0.340505	-2.93682	0.113595	2.03405	2.03405	0.633146	0.820111	-1.21935	3.82195	10.2956	2.3945	1
cg25187210	ASXL2	0.0414317	0.0528782	9.73214	9.73214	0.17834	4.38787	4.38787	0.13083	5.40401	5.40401	0.910266	1.12366	1.12366	0.885676	0.140174	-7.13099	0.639921	1.62783	1.62783	0.006727	37.8686	37.8686	0.049261	10.1851	10.1851	0.0552276	9.46417	9.63563	61.5791	15.0557	1
cg24738909	ASXL2	0.045051	0.0260024	0.608477	-1.64345	0.713879	1.07169	1.07169	0.405269	0.852058	-1.17363	0.429819	0.859395	-1.16361	0.317296	1.21454	1.21454	0.569052	1.11428	1.11428	0.00270737	0.458871	-2.17926	0.437936	1.1604	1.1604	0.485409	1.14258	1.14258	3.52403	1.9731	0.497688	1
cg20034091	ASXL3	0	0	0.64019	-1.5144	1.5144	7	0.080204	-9.80357	7	7	7	7	7	7	7	7	0	0.234429	4.26569	0	0.939552	-1.06434	0	0.268561	-3.72354	7	7	11.2465	0	0	1
cg24880056	ASXL3	0.0340671	0.390934	0.835096	-1.19747	0.315317	1.2372	1.2372	0.413756	1.18683	1.18683	0.731977	0.931947	-1.07302	0.628115	0.904779	-1.10524	0.05059	1.57886	1.57886	0.0128077	0.38232	-2.61651	0.841666	1.04186	1.04186	0.884275	1.03031	1.03031	3.50965	2.59525	0.591653	1
cg12361352	ASXL3,ASXL3	0.0192074	0.0013155	0.285985	-3.49668	0.520287	0.839878	-1.19065	0.666748	0.890475	-1.123	0.0740049	0.586749	-1.70431	0.2606558	0.730418	-1.36908	0.0119329	0.431686	2.3165	0.121209	1.56819	1.56819	0.427965	1.24196	1.24196	0.841042	1.05524	1.05524	4.76951	5.41584	1.00934	1
cg26423145	ASXL3	0.0013479?	0.0034686	0.403139	-2.48133	0.0155272	0.1479	1.75279	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	0.0155272	1
cg09118552	ASZ1,ASZ1	0.000661875	0.505778	0.887716	-1.12649	0.0038476	0.98797	1.98797	0.156068	1.30693	1.30693	0.102653	0.729775	-1.37029	5.66E-05	0.267344	-3.7405	0.45395	1.14403	1.14403	0.00251282	2.09652	2.09652	0.047522	1.49079	1.49079	0.515612	0.89022	-1.12332	13.2166	6.53356	0.438074	1
cg15513391	ASZ1,ASZ1	0.000711098	0.203861	0.706604	-1.41522	0.0373577	0.59679	-1.67563	3.81E-05	0.0002546	0.129	-1.42004	0.129	-7.73752	0.188592	0.697792	-1.43309	0.0018106	0.308249	-3.2493	0.00138106	0.308249	-3.2493	0.0758356	0.629299	0.878582	-1.13882	0.0107182	0.19537	15.7588	0.944138	1
cg22424532	ASZ1,ASZ1	0.00254039	0.0460808	0.630625	-1.58573	0.563146	1.12514	1.12514	0.123952	0.714592	-1.3994	0.742048	1.06889	-1.66889	5.89E-05	0.223134	4.48162	0.75884	0.939778	-1.06408	0.0311155	1.66581	1.66581	0.409021	1.18568	1.18568	0.223983	0.772848	-1.29392	8.98952	5.79243	0.572758	1
cg09911342	ASZ1,ASZ1	0.00255592	0.365435	0.788432	-1.26834	0.94189	1.01881	1.01881	0.311265	0.765971	-1.30553	0.00272252	0.217586	-4.59589	0.000324115	0.2259968	4.42482	0.681927	0.900021	-1.11108	0.0662248	1.69169	1.69169	0.819878	1.06003	1.06003	0.157423	0.679458	-1.47176	8.97334	9.28646	0.919901	1
cg04836607	ASZ1,ASZ1	0.0038015	0.368033	1.16499	1.16499	0.260404	1.42484	1.42484	0.0857693	0.6450404	1.24844	0.0857693	0.6450404	0.0857693	0.0054459	0.553632	1.80605	0.0261402	1.54627	1.54627	0.0030704	2.5436	2.5436	0.0421544	1.47204	1.47204	0.512911	1.11582	1.61628	3.7435	0.384026	1
cg14948655	ASZ1,ASZ1	0.00340685	0.874471	1.04004	1.04004	0.0284343	1.90077	1.90077	0.00907248	0.438914	-2.27835	0.0635026	0.595619	-1.67893	0.000216055	0.215868	-4.6325	0.461139	1.20481	1.20481	0.360132	1.26319	1.26319	0.647324	1.12119	1.12119	0.0439444	0.562734	-1.77704	8.24001	8.04807	0.868184	1
cg13135637	ASZ1,ASZ1	0.0315434	0.546506	0.809048	-1.11229	0.849616	0.99	-1.03383	0.466067	1.14587	1.14587	0.350637	1.1834	1.1834	0.261434	1.22788	1.22788	0.523822	0.892938	1.1193	0.00147374	2.23583	2.23535	0.0880655	0.718969	-1.90088	0.236218	0.804685	-1.24272	3.86141	1.87895	0.41353	1
cg06457443	ASZ1,ASZ1	0.0433501	0.700969	1.19364	1.19364	0.263614	1.58322	1.58322	0.0853825	0.6010447	-1.66376	0.0449557	0.547979	-2.87374	0.002792	0.150816	-6.63062	0.347037	1.55924	1.55924	0.0130955	3.79109	3.79109	0.381588	0.662538	-1.50935	0.62834	1.25078	1.25078	5.37504	1.16516	0.296267	1
cg23139122	ATAD1	0.00028217	0.0169883	0.54621	-1.8308	0.0001078	0.242088	-4.13074	0.00404171	0.4483162	-2.23034	0.00333424	0.436018	-2.29348	5.85E-05	0.213004	-4.69475	0.000166519	0.263862	-3.78986	0.00132175	0.378875	-2.63939	0.121188	0.705306	-1.41782	0.00206991	0.406127	-2.46228	16.7281	11.4357	0.607663	1
cg15544637	ATAD1	0.000553474	0.517205	0.876582	-1.14081	0.0349307	0.7	-1.42857	0.0349307	0.439192	-2.27691	0.0440206	0.54615	-1.83095	0.000139232	0.274749	-3.64006	0.0111551	1.89316	1.89316	7.30E-05	0.528761	-1.89107	0.0033091	2.51314	2.51314	0.00181694	0.379443	-2.63544	20.4365	15.4667	0.672726	1
cg20288016	ATAD1	0.0130306	0.0664531	0.457344	-2.18654	0.571916	0.80845	-1.24247	0.127396	0.534421	-1.87118	0.0725928	0.467018	-2.14125	0.00313854	0.215866	-4.63251	0.0682317	0.462012	-2.16443	0.00242612	-2.17291	0.00181954	0.158353	-5.38992	-2.54786	0.0152458	0.32372	-3.08918	12.4148	2.70387	0.218257	1
cg08088303	ATAD1,ATAD1:CPLP1	0.0308033	0.338043	0.890924	-1.12263	0.0875667	1.71824	1.71824	0.0178104	0.9601043	1.04056	0.0178104	0.9601043	0.0178104	0.0014796	0.2884293	3.4675	0.403325	0.877475	-1.13963	0.0178104	2.13276	2.13276	0.0178104	1.07117	1.07117	0.00257792	1.8937	1.0486	2.78784	0.328857	1
cg03265692	ATAD1;CPLP1	0.00106042	0.0816075	0.652525	-1.53251	0.445257	0.841879	-1.18782	0.603964	0.890701	-1.12271	0.440214	0.840207	-1.19018	0.347065	0.807217	1.23882	1.10E-05	0.125964	7.9388	0.05623	0.619873	-1.61323	0.14194	1.41801	1.41801	0.238535	0.761049	-1.31398	11.5722	8.96682	0.688762	1
cg00460092	ATAD1:CPLP1	0.00415138	0.0309924	0.597378	-1.67398	0.587889	0.894663	-1.11774	0.2028	1.3146	1.3146	0.350788	1.21576	1.21576	9.48E-05	0.243013	-4.11501	0.0211699	0.569028	-1.75738	0.613399	0.905146	-1.10921	0.153197	0.731446	-1.36715	0.820356	0.954781	-1.04736	7.76497	5.08982	0.582653	1
cg11294156	ATAD1:CPLP1	0.00679644	0.539507	0.923568	-1.08268	0.1489	1.4894	1.4894	0.0610626	1.75742	1.75742	0.135818	0.736452	1.35798	0.0001238	0.0886183	11.2858	0.0911138	0.796486	1.25559	0.0033704	2.46627	2.46627	0.0004007	1.04704	1.04704	0.0152931	1.11582	1.61628	3.7435	0.384026	1
cg00052290	ATAD1:CPLP1	0.01245514	0.0320555	0.803891	-1.24395	0.00191704	1.46503	1.46503	0.821716	0.980574	-1.01981	0.569473	0.951259	-1.05124	0.0181333	1.28326	1.28326	0.46139	1.20481	1.20481	0.360132	1.26319	1.26319	0.647324	1.12119	1.12119	0.0439444	0.562734	-1.77704	8.24001	8.04807	0.868184	1
cg00779130	ATAD1:CPLP1	0.0343394	0.584486	1.02601	1.02601	0.0308233	2.4325	2.4325	0.0174745	0.4250928	1.10356	0.0181564	0.4250928	1.10356	0.0181842	1.03284	1.03284	0.443835	1.13113	1.13113	0.307374	2.23583	2.23583	0.0880655	0.718969	-1.90088	0.236218	0.804685	-1.24272	3.86141	1.87895	0.41353	1
cg00465446	ATAD2	0.0027030194	0.615291	0.885493	-1.12931	0.0388139	3.88634	3.88634	0.0080384438	3.89602	3.89602	0.325087	0.783578	-1.2766	0.0052031	0.410482	-2.43616	0.008638	0.348109	-2.2316	0.0501701	0.585125	-1.70902	0.311065	0.777601	-1.28605	0.2501	0.53398	-1.8733	19.8728	11.7302	0.810934	1
cg17213048	ATAD2	0.00615103	0.498804	1.1451	1.1451	0.0008886619	0.374382	-2.67107	0.135416	0.727915	-1.37379	0.00959127	0.91008	1.91008	0.0624246	0.661105	-1.51262	0.35359	0.964203	-1.03713	0.0766144	1.47499	1.47499	0.789524	0.948576	-1.05421	0.0232742	0.585594	-1.70767	6.88607	4.24684	0.548204	1
cg26349568	ATAD2	0.0293222	0.65005	1.14148	1.14148	0.0075451	1.52975	1.52975	0.0155	0.7489	-1.33555	0.0188301	0.91008	1.91008	0.0183438	1.27252	1.27252	0.71357	1.10352	1.10352	0.0188301	1.35884	1.35884	0.0155	1.17157	1.17157	0.0188301	1.02838	1.82988	4.53586	4.44602	1.02048	0.770097	1
cg10208083	ATAD2B	0.00143444	0.332391	1.16128	1.16128	0.00378053	0.427669	-2.33826	0.00663338	0.590457	-1.6936	0.429701	1.1281	1.1281	0.191935	1.14014	1.14014	0.003751	1.79512	1.79512	0.00304193	1.83509	1.83509	0.703796	1.05878	1.05878	0.210227	0.820839	-1.21827	10.6152	1.75883	0.314756	1
cg08840913	ATAD2B	0.0174682	0.0165307	0.407914	-2.45107	0.0167554	0.151844	-6.59312	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	0.0167554	1
cg15717719	ATAD2B	0.0184177	0.040085	0.75839	-1.31858	0.0101148	1.45974	1.45974	0.171272	1.1858	1.1858	0.0216224	0.725036	-1.37924	0.182303	0.847882	-1.17941	0.29208	0.880334	-1.13593	0.0274687	0.737847	-1.35529	0.459638	0.09174	0.09174	0.304368	1.13202	1.13202	4.83762	0.14124	0.191322	1
cg14030710	ATAD2B	0.0185065	0.503062	0.859228	-1.16394	0.0245742	0.55004	-1.81805	0.104634	0.670328	-1.48582	0.385081	0.819716	-1.21994	0.00562717	0.444269	-2.25289	0.0153331	0.514579	-1.94334	0.220971	1.33274	1.33274	0.287739	0.781605	-1.27942	0.114083	0.683135	-1.46775	3.70286	2.93689	0.701605	1
cg08192560	ATAD2B;ATAD2B	0.0073997	0.231062	0.57429	-1.74128	0.0178727	0.616104	-1.62263	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	0.0178727	1
cg17464271	ATAD3A;ATAD3A	4.25E-05	0.779613	0.949608	-1.05307	0.424324	0.860369	-1.16229	0.758948	0.944848	-1.05837	0.834011	1.03944	1.03944	0.62146	1.09608	1.09608	0.443116	0.865776	-1.15503	3.10E-07	0.0635771	-15.7289	0.817569	1.04351	1.04351	0.730456	1.06582	1.06582	27.7885	14.9518	0.478272	1
cg17271658	ATAD3A;ATAD3A	0.00015292	0.702314	1.1083	1.1083	0.0001506	1.54562	1.54562	0.0078267	0.932657	-1.07221	0.0028499	0.933132	-1.07138	8.57E-05	0.27024	-3.7004	0.000468	0.506052	1.97652	0.0004375	0.0203	-1.99872	0.0017056	0.795868	-1.25637	0.0044976	0.957556	-1.04477	0.956	0.11852	8.44845	1
cg20627546	ATAD3A;ATAD3A	0.00323712	0.00682406	0.651641	-1.53459	0.904089	0.985377	-1.01484	0.456446	1.09711	1.09711	0.0428813	0.752179	-1.32947	0.0013158	0.342851	-2.91673	0.000229774	0.474394	2.11196	0.0224145	1.39693	1.39693	0.100364	1.00163	1.00163	0.00973648	1.80067	-1.24885	15.4076	1.83032	0.210228	1
cg22225258	ATAD3A;ATAD3A	0.00214627	0.346611	0.873307	-1.14507	0.105066	0.780707	-1.28089	0.520919	1.09521	1.09521	0.0364367	1.40478	1.40478	0.00111269	0.511	-1.95695	0.00496319	0.466792	-2.14228	0.0146515	1.52205	1.52205	0.54592	1.08918	1.08918	0.364172	1.13922	1.13922	9.44534	2.92255	0.275037	1
cg23590525	ATAD3A;ATAD3A	0.00080017	0.307934	0.837938	-1.19405	0.0708333	0.515267	-1.94074	0.0123931	0.5183352	1.0	0.0123931	0.5183352	1.0	0.0123931	0.476417	-2.09836	0.369788	0.738824	-1.3535	0.0204147	0.717409	-1.39372	0.0170578	-8.54133	0.777607	0.911141	-1.09753	0.0175154	1.286651	-2.58631	9.14212	1.5205	1
cg13321900	ATAD3A;ATAD3A	0.00689122	0.206111	0.877767	-1.13925	0.531464	0.9393	0.00377282	1.7428	1.7428	0.3199	0.904405	-1.1057	0.244327	1.12645	1.12645	1.12645	0.885313	1.01421	1.01421	0.00788638	1.3954	1.3954	0.665373	0.817044	-1.22392	0.885879	0.98606	-1.01414	6.64749	1.0061	0.134534	1
cg27445140	ATAD3A;ATAD3A	0.0070675	0.0026989	0.279766	-3.57408	0.0063586	0.0004	-2500.06	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	0.0063586	1
cg20826153	ATAD3A;ATAD3A	0.00926632	0.183203	0.466136	-2.1453	0.727831	0.827927	-1.20784	0.0101464	0.173325	-5.76952	0.509336	1.43589	1.43589	0.00742395	0.155086	-6.44805	0.00249631	0.466792	-2.14228	0.0146515	1.52205	1.52205	0.54592	1.08918	1.08918	0.364172	1.13922	1.13922	9.44534	2.92255	0.275037	1
cg23590525	ATAD3A;ATAD3A	0.011214	0.100203	0.729453	-1.37099	0.0207411	0.675634	-1.48008	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	0.0207411	1
cg26536460	ATAD3A;ATAD3A	0.0134781	0.849794	0.950458	-1.05243	0.837244	-1.19439	0.0331313	0.95276	-2.52988	0.404151	0.2205	1.2205	0.0033634	0.398148	2.51163	1	0.0350601	1.76799	1.76799	0.26303	1.31099	1.31099	0.350259	1.12124	1.12124	0.862503	0.960752	-1.04105	5.38428	4.45203	0.758097	1
cg17590292	ATAD3A;ATAD3A	0.0139396	0.127092	0.78527	-1.27345	0.00824007	0.6406	1.6406	0.706144	0.94602	-1.05706	0.593251	1.08219	1.08219	0.694203	1.0596	1.0596	0.0031173	0.504217	-1.98327	0.103679	1.29784	1.29784	0.496111	1.10654	1.10654	0.683337	0.941686	-1.06192	5.30742	1.80406	0.302144	1
cg15160081	ATAD3A;ATAD3A	0.0147684	0.0151608	0.284358	-3.51754	0.0215145	0.215345	-4.64291	0.0215039	0.534734	-1.87331	0.801928	0.570267	-1.75351	0.0076255	0.354836	-2.8182	0.651233	0.877588	-1.14733	0.158171	1.33026	1.33026	0.294172	1.17157	1.17157	0.0302084	0.742373	1.02806	4.93493	0.71486	0.128411	1
cg14395520	ATAD3A;ATAD3A	0.0203453	0.127056	1.23055	0.0128389	1.56436	1.56436	0.371507	1.14211	1.14211	0.111775	1.28505	0.0996799	0.770057	1.2986	0.0004767	0.598954	-1.66958	0.0996969	1.29858	1.29858	0.723635	1.05276	1.05276	0.254289	0.841659	-1.18813	4.67726	1.5534	0.295216	1
cg13794959	ATAD3A;ATAD3A	0.0212006	0.0194745	0.427	-2.34192	0.0233512	0.245282	-4.0767	0.0674503	0.535871	-1.85408	0.0327419	0.471067	-2.12284	0.0416697	0.492885	-2.02904	0.079523	0.55631	-1.79756	0.0602479	1.02301	1.02301	0.938691	-1.06523	0.0543353	0.517938	-1.93073	0.0341	-1.26848	4.61203	6.61773	1.29125	1
cg06839383	ATAD3A;ATAD3A	0.004466	0.226236	0.713001	-1.40272	0.0156132	0.106813	-9.36587	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	0.0156132	1
cg24378791	ATAD3B	4.08E-05	0.00213458	0.453139	-2.01882	0.0408218	1.46875	1.46875	0.00310186	0.517465	-1.9325	3.85E-05	0.173259	-5.7717	0.250408	0.822383	2.12598	0.0047517	0.543092	-1.84131	6.75E-06	0.193462	-5.09005	0.847173	1.03191	1.03191	0.193412	0.798357	-1.25257	28.0816	11.7902	0.373203	1
cg13352563	ATAD3B	0.00027769	0.00494239	0.4	-2.50001	0.0001708	0.0391	-25.5885	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	0.0001708	1
cg25210378	ATAD3B	0.000542046	0.00779914	0.748161	-1.33661	0.44979	0.936677	-1.0676	0.000569372	0.635497	-1.57357	0.73933	1.02877	1.02877	9.7E-05	0.555363	-1.80062	0.000319394	0.134562	-7.43154	0.0176269	0.472091	-2.11789	0.0168531	1.07404	1.07404	0.0019675	0.256181	-3.90349	25.2902	10.4844	0.112643	1
cg20101445	ATAD3B	0.000192776	9.16E-05	0.133509	-7.49014	0.00872341	0.231132	-4.32279	0.140793	0.653408	-1.57861	0.2256	0.692992	-1.44302	6.98E-05	0.123356	8.10659	0.000263383	0.0706539	-14.1535	0.000307913	0.0522406	-19.1422	0.0489211	0.320348	-3.10513	0.0350683	0.290167	-3.44629	15.487	55.3583	3.57451	1
cg00159812	ATAD3B	0.000408171	0.00385333	0.140546	-7.11511	0.00013627	0.0359642	-27.8055	0.00242509	0.119133	-8.39397	7	7	7	0.00037595	0.0569688	-17.5535	0.0003	0.0109	-91.7431	0.0001	0.0109	-91.7431	0.0001	0.0109	-91.7431	0.0001	0.0109	-91.7431	0.0001	0.0109	-91.7431	1
cg11405695	ATAD3C	0.00709054	0.0798015	0.744095	-1.34375	0.0204512	0.689905	-1.44941	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	0.0204512	1
cg10522845	ATAD3C	0.00248084	0.113963	0.77904	-1.28363	0.0859028	0.759124	-1.31731	0.00578298	0.595132	-1.69053	0.0916047	0.763585	-1.30961	0.000527422	0.456506	2.19055	0.0220821	0.540617	-1.84974	0.00697734	0.63586	-1.57243	0.105507	0.952527	-1.08093	0.976568	1.00427	1.00427	0.502259	0.202299	0.296834	1
cg27564386	ATAD3C	0.00305417	0.0451316	0.71459	-1.39918	0.0188536	0.372106	-2.68756	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	0.0188536	1
cg04070003	ATAD3C	0.00662022	0.0751246	1.40935	1.40935	0.16664	0.774667	-1.29088	0.0069141	0.545928	-1.83174	0.109967	1.35209	1.35209	0.000904533	0.423326	2.36224	0.043387	1.14828	1.14828	0.080373	1.39909	1.39909	0.566172	1.0904468	-1.10562	0.166914	0.774811	1.29064	6.73097	1.19575	0.422029	1
cg23016632	ATAD3C	0.00700665	0.00837557	0.312203	-3.01021	0.00074763	0.18755	-5.33192	0.356456	0.733236	-1.36382	0.037127	0.454029	-2.2025	0.00455184	0.290464	-3.44277	0.0739421	0.521221	-1.91857	0.0036929	0.276617	-3.61511	0.335107	0.72239	-1.38429	0.0328526	0.441928	-2.26281	0.61316	11.2097	1.50672	1
cg07280242	ATAD3C	0.00753741	0.0121757	0.371814	-2.68975	0.0189715	0.437	-2.28855	0.0189715	0.0189715	0.0189715	0.0189715	0.0189715	0.0189715	0.0189715	0.0189715	0.0189715	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18476478	ATF5	7.02E-05	0.0254222	0.623873	-1.60289	0.0105013	0.564416	-1.77174	1.61E-05	0.206043	-4.85335	0.0277348	0.629944	-1.58744	2.91E-06	0.137484	-7.2736	0.00179722	0.454393	-2.20074	0.0033334	0.491811	-2.0333	0.0214644	0.612196	-1.63346	0.000883528	0.412672	-2.42323	24.3282	12.155	0.444112	1
cg22522357	ATF6	0.000261511	0.0352564	1.45071	1.45071	3.77E-05	0.300992	-3.32235	0.000502929	0.438083	-2.28267	0.886404	1.02192	1.02192	0.358823	1.15391	1.15391	0.866807	0.974853	-1.0258	0.000396721	2.35291	2.35291	0.589951	0.920768	-1.08605	0.545797	0.911415	-1.09719	17.0791	6.22694	0.324084	1
cg10309957	ATF6	0.00733917	0.00366065	0.185219	-5.39903	0.919114	1.04455	1.04455	0.655822	1.21225	1.21225	0.175854	0.539259	-1.8544	0.000213403	0.0703886	-14.2068	0.143556	0.50948	-1.96279	0.836154	1.09292	1.09292	0.536682	0.76457	-1.30792	0.139047	0.504997	-1.98021	6.51809	19.0056	2.59184	1
cg09175582	ATF6	0.00924965	0.000920534	0.560253	-1.78491	0.800845	0.970855	-1.03002	0.044931	1.30906	1.30906	0.276402	0.875917	-1.14166	0.863091	1.0204	1.0204	0.726921	1.04188	1.04188	0.00934143	0.679918	-1.47077	0.0347622	0.749778	-1.33373	0.245004	1.15293	1.15293	6.05948	1.31416	0.192779	1
cg19735514	ATF6	0.010291	0.750547	0.905285	-1.10462	0.0106554	2.72287	2.72287	0.0119581	2.66005	2.66005	0.237633	1.471	1.471	0.0403077	0.477575	-2.09391	0.271606	0.699744	-1.42909	0.198877	1.52736	1.52736	0.00210537	3.85443	3.85443	0.209625	1.51062	1.51062	5.85658	9.02776	1.3702	1
cg25200096	ATF6	0.0140192	0.143135	0.822518	-1.21578	0.018923	0.702627	-1.42323	0.0992991	0.799042	-1.2515	0.128171	0.815295	-1.22655	0.622031	1.06364	1.06364	0.517571	1.08487	1.08487	0.00113472	1.8122	1.8122	0.475788	0.913897	-1.09422	0.909428	1.01423	1.01423	5.29749	1.29353	0.217047	1
cg12302217	ATF6B;ATF6B	1.16E-05	0.456809	1.06865	1.06865	0.00427115	0.715379	-1.39786	0.952891	1.00519	1.00519	0.0113524	1.32011	1.32011	1.33E-07	0.23199	-4.31054	0.542688	1.05547	1.05547	0.0516188	1.21421	1.21421	0.753999	0.972832	-1.02793	0.633211	0.958751	-1.04302	39.0686	4.75012	0.108075	1
cg25392500	ATF6B;ATF6B	0.000106787	0.941449	0.98109	-1.01927	0.00195608	3.12042	3.12042	0.0167598	0.468258	-2.13558	0.0343693	1.89917	1.89917	9.75E-06	0.084354	-11.8548	0.579443	0.864601	-1.1566	0.00666229	0.400526	-2.49672	0.00536209	0.385574	-2.59354	0.000262358	0.210312	-4.75484	21.7548	23.272	0.950878	1
cg14305889	ATF6B;ATF6B	0.000144612	0.525393	1.09355	1.09355	0.497285	1.1005	1.1005	0.000151836	0.405283	-2.46741	0.282457	1.1679	1.1679	0.25559	1.17931	1.17931	0.0167751	1.50023	1.50023	5.93E-06	0.243414	-4.10823	0.604127	1.07539	1.07539	0.713678	0.950077	-1.05255	20.0536	6.13334	0.271864	1
cg14426672	ATF6B;ATF6B	0.000324192	0.0112005	0.470968	-2.12329	0.0369191	1.77559	1.77559	0.0129314	0.481449	-2.07706	0.238474	0.746397	-1.33977	5.40E-06	0.0872435	-11.4622	0.0107083	0.467722	-2.13802	0.52276	0.857744	-1.16585	0.793766	0.93982	-1.06403	0.0512777	0.591093	-1.69178	16.1043	14.3146	0.790104	1
cg07617339	ATF6B;ATF6B	0.000913093	0.000811326	0.561951	-1.77951	0.000296763	1.95846	1.95846	0.00862885	1.46541	1.46541	0.724868	0.960479	-1.04115	0.582727	1.06536	1.06536	0.0430805	0.76675	-1.30421	0.659269	1.05194	1.05194	0.454852	0.916803	-1.09075	0.00354371	1.56992	1.56992	12.0733	2.48977	0.183307	1
cg12800270	ATF6B;ATF6B	0.00126598	0.000366141	0.336061	-2.97565	0.0180468	0.577677	-1.73107	0.623196	1.09922	1.09922	0.000241363	0.313391	-3.19091	0.451702	0.863743	-1.15775	0.00286258	0.45663	-2.18996	0.107142	1.39931	1.39931	0.522055	0.883419	-1.13197	0.367752	1.19333	1.19333	11.0022	6.35933	0.513781	1
cg12735838	ATF6B;ATF6B	0.00165991	0.00372613	2.21491	2.21491	0.00955846	1.94672	1.94672	0.00125945	2.60057	2.60057	0.000468321	3.05352	3.05352	0.00381975	2.20715	2.20715	0.105427	1.43201	1.43201	0.902863	0.97552	-1.02509	0.00102544	2.68553	2.68553	0.0102968	1.92761	1.92761	10.1778	6.64191	0.580079	1
cg19088555	ATF6B;ATF6B	0.00218491	0.0111367	0.69389	-1.44115	0.415665	0.908877	-1.10026	0.324506	0.889719	-1.12395	0.0916199	1.23778	1.23778	0.000261136	0.501847	-1.99264	0.900225	1.01451	1.01451	0.000432095	0.52764	-1.89523	0.10033	0.813223	-1.22968	0.690054	1.04711	1.04711	9.39619	1.96274	0.185677	1
cg00232996	ATF6B;ATF6B	0.00219906	0.000889583	0.181383	-5.51321	0.323936	1.41817	1.41817	0.0329534	0.425122	-2.35226	0.768943	1.1063	1.1063	0.0335714	0.426814	-2.34294	0.378044	1.36366	1.36366	0.000214371	0.120078	-8.32791	0.280514	0.680658	-1.46917	0.00767072	0.30877	-3.23866	9.37846	17.4691	1.65572	1
cg09845996	ATF6B;ATF6B	0.00251398	0.0270461	0.51219	-1.9524	0.0184817	2.07578	2.07578	0.538966	1.17233	1.17233	0.0407279	1.82914	1.82914	0.000447085	0.242782	-4.11892	0.171567	0.68933	-1.45068	0.0480859	0.561311	-1.78154	0.0249371	0.505573	-1.97795	0.0100867	0.436128	-2.2929	9.01723	9.33027	0.919747	1
cg04628692	ATF6B;ATF6B	0.00351519	0.0270549	0.439415	-2.27575	0.282649	1.42012	1.42012	0.395747	0.760909	-1.31422	0.916123	0.967444	-1.03365	0.000444966	0.175305	-5.70436	0.01623	0.397073	-2.51843	0.0018764	0.250259	-3.99587	0.0205302	0.416111	-2.4032	0.00591383	0.322632	-3.09951	8.16322	12.7612	1.38956	1
cg04136321	ATF6B;ATF6B	0.00506876	0.163605	0.693963	-1.441	0.162639	1.44237	1.44237	0.0496481	1.73381	1.73381	0.0436977	0.565638	-1.76791	0.00067006	0.278347	-3.59264	0.00634183	0.417582	-2.39474	0.665179	1.11293	1.11293	0.202181	1.39223	1.39223	0.0900864	0.631878	-1.58258	7.30805	6.98948	0.85014	1
cg22538475	ATF6B;ATF6B	0.00779168	0.0623406	1.31609	1.31609	0.144123	1.22805	1.22805	0.0142869	0.673309	-1.4852	0.807044	0.968472	-1.03255	0.216872	0.843575	-1.18543	0.553537	0.924537	-1.08162	0.00824771	1.55632	1.55632	0.270062	1.16224	1.16224	0.00238723	0.57451	-1.74061	6.39699	1.73643	0.241285	1
cg10981894	ATF6B;ATF6B	0.00891817	0.725519	1.07034	1.07034	0.139307	1.35913	1.35913	0.0477044	1.54754	1.54754	0.839179	0.961569	-1.03997	0.000687694	0.368022	-2.71723	0.669777	0.920598	-1.08625	0.00856995	0.523763	-1.90926	0.284856	1.23892	1.23892	0.848745	1.03751	1.03751	6.13011	3.61095	0.523601	1
cg08952475	ATF6B;ATF6B	0.010857	0.943594	1.01474	1.01474	0.381785	1.20379	1.20379	0.813789	1.05	1.05	0.202607	1.32068	1.32068	0.000956803	0.361507	-2.7662	0.0834118	0.672837	-1.48624	0.0944183	1.46252	1.46252	0.01326	1.88637	1.88637	0.467813	1.16504	1.16504	5.75673	3.89818	0.601912	1
cg06609004	ATF6B;ATF6B	0.0113676	0.0268396	0.350155	-2.85588	0.00031071	0.0962251	-10.3923	0.214431	0.592731	-1.68711	0.15202	0.541143	-1.84794	0.0123615	0.287563	-3.4775	0.0442378	0.396606	-2.52139	0.0387929	0.383864	-2.60509	0.176621	0.562819	-1.77677	0.343708	0.676841	-1.47745	5.67205	14.3849	2.25431	1
cg08386009	ATF6B;ATF6B	0.011885	0.00587202	0.317515	-3.14946	0.00902282	0.347763	-2.87552	0.0663782	0.519369	-1.92541	0.617851	0.852109	-1.17356	0.0107293	0.36052	-2.77377	0.0243602	0.425815	-2.34844	0.00348324	0.283226	-3.53076	0.00913542	0.348665	-2.86808	0.144049	0.606903	-1.64771	5.59093	8.965	1.42532	1
cg24990564	ATF6B;ATF6B	0.0126592	0.278028	0.670385	-1.49168	0.0665695	0.482245	-2.07363	0.998853	1.00051	1.00051	0.499784	1.27488	1.27488	0.0142088	2.92234	2.92234	0.0663473	0.48189	-2.07516	0.00179003	0.206906	-4.83311	0.538296	0.8018	-1.24719	0.0265795	0.393828	-2.53918	5.47742	10.903	1.76936	1
cg20856510	ATF6B;ATF6B	0.0171454	0.046154	0.812795	-1.23032	0.614629	1.04713	1.04713	0.135013	1.1574	1.1574	0.236794	0.893641	-1.11902	0.065402	1.20639	1.20639	0.340441	0.914729	-1.09322	0.00130866	0.654103	-1.52881	0.487203	1.06613	1.06613	0.152642	0.870249	-1.1491	4.95534	0.645931	0.115867	1
cg19004565	ATF6B;ATF6B	0.0192844	0.0269734	1.74567	1.74567	0.0249067	1.76432	1.76432	0.0464994	1.62418	1.62418	0.00211575	2.50715	2.50715	0.447138	1.17917	1.17917	0.762869	1.06648	1.06648	0.177783	1.3561	1.3561	0.00706301	2.09711	2.09711	0.0268362	1.74685	1.74685	4.76306	3.41307	0.636951	1
cg08087125	ATF6B;ATF6B	0.0242344	0.523899	1.12298	1.12298	0.597885	1.1003	1.1003	0.00260411	0.472838	-2.11489	0.401905	0.857221	-1.16656	0.505549	1.12898	1.12898	0.661769	1.08226	1.08226	0.0292258	0.630429	-1.58622	0.87198	1.02938	1.02938	0.020956	1.64681	1.64681	4.40454	2.24955	0.453987	1
cg23663129	ATF6B;ATF6B	0.0303654	0.167376	0.678965	-1.47283	0.0796594	0.599459	-1.66817	0.448627	0.816162	-1.22525	0.852607	1.05015	1.05015	0.00651801	0.394535	-2.53463	0.0190294	0.473868	-2.11029	0.00553813	0.3833	-2.60892	0.0338846	0.521209	-1.91862	0.761033	0.922889	-1.08355	4.06929	4.46042	0.974327	1
cg03479797	ATF6B;ATF6B	0.0342648	0.175055	1.24915	1.24915	0.135892	1.28131	1.28131	0.0643255	1.37796	1.37796	0.717682	0.945534	-1.0576	0.00119238	2.08068	2.08068	0.968216	1.00616	1.00616	0.552852	0.911551	-1.09703	0.391205	0.873272	-1.14512	0.209894	1.22608	1.22608	3.89692	1.4684	0.334943	1
cg21834063	ATF6B;ATF6B	0.0383463	0.29849	1.22704	1.22704	0.0736727	0.684831	-1.46021	0.160326	1.32947	1.32947	0.283456	0.809305	-1.23563	0.00838635	0.52761	-1.89534	0.150734	0.746467	-1.33964	0.555108	0.892856	-1.12	0.0309444	1.61771	1.61771	0.636402	0.913555	-1.09463	3.7407	2.13565	0.507487	1
cg04821129	ATF6B;ATF6B	0.0462486	0.0435285	2.19869	2.19869	0.0201816	2.5882	2.5882	0.0235734	2.50363	2.50363	0.0702489	1.98752	1.98752	0.911425	0.962933	-1.03849	0.879402	1.05289	1.05289	0.128082	1.74784	1.74784	0.00878338	3.10417	3.10417	0.0821025	1.9229	1.9229	3.48951	6.36737	1.62197	1
cg17794358	ATF6B;ATF6B;FKBPL	0.0165261	0.0105195	0.132159	-7.56667	0.00270198	0.0738673	-13.5378	0.0369934	0.218108	-4.58488	0.0854381	0.302617	-3.3045	0.00814996	0.118956	-8.40645	0.366953	0.558413	-1.79079	0.00861866	0.121748	-8.21371	0.0885635	0.306936	-3.25801	0.0690095	0.278268	-3.59365	5.01663	31.4008	5.56386	1
cg26037142	ATF6B;ATF6B;FKBPL	0.021362	0.0254234	0.473577	-2.11159	0.16218	0.657092	-1.52186	0.723259	0.904798	-1.10522	0.405131	1.27083	1.27083	0.197184	0.681396	-1.46758	0.0190001	0.449752	-2.22345	0.00313023	0.320864	-3.11658	0.0100891	0.401133	-2.49294	0.690987	1.11899	1.11899	4.60008	5.76824	1.11461	1
cg12273368	ATF6B;ATF6B;FKBPL	0.0394992	0.0202237	0.310961	-3.21584	0.533681	0.768788	-1.30075	0.802783	0.900881	-1.11002	0.281669	1.59472	1.59472	0.00860077	0.24714	-4.04628	0.0608035	0.414115	-2.41479	0.0272546	0.336265	-2.97385	0.038182	0.367082	-2.72418	0.203343	0.571157	-1.75083	3.70025	10.1967	2.44948	1
cg14155035	ATF6B;ATF6B;FKBPL	0.0458681	0.0139896	0.249863	-4.0022	0.00494211	0.182484	-5.47994	0.1143	0.456152	-2.19225	0.154849	0.498693	-2.00524	0.0301047	0.311752	-3.20768	0.0523495	0.36483	-2.741	0.307502	0.617103	-1.62047	0.0597842	0.378847	-2.63958	0.151656	0.495616	-2.01769	3.50036	11.5765	2.93976	1
cg21548749	ATF6B;ATF6B;FKBPL	0.0470077	0.016044	0.249408	-4.0095	0.00356108	0.155556	-6.42853	0.135926	0.469013	-2.13214	0.13905	0.472257	-2.11749	0.274875	0.585507	-1.70792	0.0970486	0.423959	-2.35872	0.557586	0.756204	-1.32239	0.555305	1.32459	1.32459	0.0615136	0.37067	-2.69782	3.4682	12.1944	3.12539	1
cg23696212	ATF7;ATF7	0.0376144	0.905031	1.02396	1.02396	0.0860572	1.45696	1.45696	0.057636	0.653143	-1.53106	0.0250015	1.69748	1.69748	0.011103	0.531653	-1.88093	0.901778	1.0248	1.0248	0.395944	1.18826	1.18826	0.13264	1.37982	1.37982	0.799029	1.05192	1.05192	3.76715	2.34889	0.554238	1
cg17532976	ATF7;ATF7;ATF7	0.000740615	0.541264	1.16004	1.16004	5.95E-05	5.94609	5.94609	0.0016623	2.94459	2.94459	0.0606524	1.6615	1.6615	0.227841	1.35509	1.35509	0.572048	0.871917	-1.1469	0.0520672	1.69975	1.69975	0.000123054	4.99339	4.99339	0.099155	1.54331	1.54331	12.8067	11.6875	0.811207	1
cg08445469	ATF7;ATF7;ATF7	0.0128434	0.173275	0.876578	-1.1408	0.14438	0.867149	-1.1532	0.455416	0.933221	-1.07156	0.773577	1.02657	1.02657	0.871129	1.01487	1.01487	0.0729763	1.19939	1.19939	0.00105946	1.5529	1.5529	0.813696	0.978767	-1.02169	0.0157754	0.76421	-1.30854	5.45168	0.713587	0.116349	1
cg02019508	ATF7;ATF7;ATF7	0.01491	0.00232614	0.229865	-4.35039	0.948953	1.02238	1.02238	0.853082	0.937913	-1.0662	0.474481	0.777641	-1.28594	0.000865221	0.177507	-5.63356	0.0546928	0.4707	-2.1245	0.230886	0.647555	-1.54427	0.379474	0.732175	-1.36579	0.0905914	0.524825	-1.9054	5.19102	9.8287	1.68303	1
cg02157894	ATF7;ATF7;ATF7	0.0168502	0.0237726	0.350911	-2.84973	0.000736223	0.136666	-7.31709	0.026816	0.361351	-2.76739	0.50774	0.770449	-1.29795	0.10021	0.497113	-2.01162	0.739789	0.878663	-1.13809	0.0137219	0.306484	-3.26281	0.0862172	0.479193	-2.08684	0.589758	0.809573	-1.23522	4.98421	11.8886	2.12023	1
cg13484901	ATF7IP	4.24E-05	0.000107391	0.332085	-3.01127	0.450773	1.13201	1.13201	0.110955	0.755606	-1.32344	0.0392594	1.4695	1.4695	0.000177525	0.358696	-2.78788	0.0139911	0.612785	-1.63189	2.88E-06	0.16436	-6.0842	0.413918	1.14429	1.14429	0.000340728	0.3941	-2.53742	27.8075	11.469	0.366614	1
cg18929894	ATF7IP	0.000231181	0.430187	0.900109	-1.11098	0.000157943	0.429738	-2.327	0.00132177	0.543059	-1.84142	2.79E-05	0.340184	-2.93959	0.119675	1.24691	1.24691	0.256124	1.16757	1.16757	0.0784041	1.29113	1.29113	0.0760025	0.772548	-1.29442	0.00385891	0.601211	-1.66331	17.6623	4.77811	0.240467	1
cg03846111	ATF7IP	0.0124647	0.0744505	0.543602	-1.83958	0.00375417	3.31975	3.31975	0.0222987	2.31628	2.31628	0.600465	0.850377	-1.17595	0.103347	0.579033	-1.72702	0.249182	1.44686	1.44686	0.0895823	1.77538	1.77538	0.0121269	2.60912	2.60912	0.125795	1.66208	1.66208	5.50511	8.20129	1.32423	1
cg06912420	ATF7IP	0.0307198	0.0214776	0.438001	-2.2831	0.264977	0.706674	-1.41508	0.816948	0.933054	-1.07175	0.13098	0.614259	-1.62798	0.00309978	0.298381	-3.35142	0.636693	0.867459	-1.15279	0.0497688	0.512318	-1.95191	0.13431	1.62015	1.62015	0.0639408	0.536719	-1.86317	4.05252	5.73227	1.25733	1
cg22208022	ATF7IP	0.0488164	0.892943	1.02712	1.02712	0.00559609	0.485323	-2.06048	0.184799	0.756167	-1.32246	0.0603755	0.656476	-1.52329	0.412082	0.846491	-1.18135	0.369522	0.832655	-1.20098	0.04514	1.57895	1.57895	0.425496	1.17553	1.17553	0.603019	1.10989	1.10989	3.41908	2.13833	0.55592	1
cg00461841	ATF7IP2	0.00157013	0.102978	0.796718	-1.25515	2.08E-05	0.334808	-2.98679	0.0956088	0.791977	-1.26266	0.0799771	0.780755	-1.28081	0.0502606	0.752516	-1.32888	0.216487	0.84731	-1.18021	0.0899495	1.26885	1.26885	0.251685	0.858506	-1.16481	0.249948	0.857982	-1.16553	10.3425	2.65857	0.228492	1
cg05914935	ATF7IP2	0.00751572	0.0148626	0.43768	-2.28478	0.738118	0.911613	-1.09696	0.0151347	0.439083	-2.27747	0.545272	0.844658	-1.18391	0.000596056	0.231887	-4.31245	0.0474285	0.535032	-1.86905	0.0019215	0.297852	-3.35737	0.193893	0.684493	-1.46094	0.0739337	0.577359	-1.73203	6.46976	7.79311	1.07071	1
cg05664127	ATF7IP2	0.040689	0.44503	0.77937	-1.28309	0.00321213	0.27593	-3.62411	0.195714	0.645264	-1.54975	0.645998	0.862363	-1.1596	0.00433907	0.295096	-3.38872	0.139749	0.601242	-1.66322	0.174109	0.629445	-1.5887	0.858088	1.05898	1.05898	0.232049	0.669455	-1.49375	3.66001	5.94207	1.44312	1
cg07238630	ATG10;ATG10	0.00104294	0.00265104	0.379796	-2.63299	0.950276	1.01463	1.01463	0.026787	0.54289	-1.84199	0.170012	0.711572	-1.40534	0.00193656	0.36017	-2.77647	0.000348516	0.262135	-3.81482	0.000408597	0.270581	-3.69575	0.0544167	1.66221	1.66221	0.0329387	0.559458	-1.78745	11.627	9.98224	0.763148	1
cg02166431	ATG10;ATG10	0.00146187	0.249293	0.888384	-1.12564	0.149048	0.858912	-1.16426	0.0204235	0.759853	-1.31604	0.476311	1.07378	1.07378	0.00950958	1.3811	1.3811	0.869994	1.01623	1.01623	6.58E-05	2.05368	2.05368	0.57649	1.05703	1.05703	0.060289	0.811999	-1.23153	10.5575	1.61533	0.136003	1
cg17942617	ATG10;ATG10	0.00490536	0.227693	0.753088	-1.32787	0.000351729	0.276372	-3.61832	0.339075	0.801985	-1.24691	0.0624505	1.59932	1.59932	0.0878888	0.655861	-1.52471	0.430067	0.83496	-1.19766	0.0333403	0.572968	-1.7453	0.0400506	1.70127	1.70127	0.115823	1.46635	1.46635	7.3815	5.8627	0.705992	1
cg17878141	ATG10;ATG10	0.010108	0.50406	0.887465	-1.12681	0.00132902	0.439612	-2.27473	0.0229639	0.619402	-1.61446	0.836445	0.964254	-1.03707	0.122782	1.34237	1.34237	0.197418	1.27115	1.27115	0.0256059	1.59514	1.59514	0.102857	0.730345	-1.36922	0.16783	0.771941	-1.29544	5.89033	2.89263	0.436517	1
cg12438044	ATG10;ATG10	0.0159006	0.787399	0.929538	-1.0758	0.0912357	0.604839	-1.65333	0.864931	0.955024	-1.04709	0.0704258	0.578928	-1.72733	0.0467942	0.540497	-1.85015	0.158156	0.665088	-1.50356	0.00299071	3.00633	3.00633	0.0114251	0.425011	-2.35288	0.730571	0.910792	-1.09795	5.08151	5.88016	1.02859	1
cg14613972	ATG10;ATG10	0.0175526	0.0123508	0.397348	-2.51669	0.189447	1.50958	1.50958	0.442029	1.26144	1.26144	0.00641675	0.349745	-2.85923	0.531868	0.828934	-1.20637	0.180115	0.655897	-1.52463	0.259279	1.41721	1.41721	0.0379567	2.03995	2.03995	0.108395	1.68017	1.68017	4.91651	6.83539	1.23581	1
cg10987792	ATG10;ATG10	0.0285263	?	?	?	0.369017	0.726925	-1.37566	0.640919	0.850119	-1.17631	0.159983	1.68031	1.68031	0.919882	0.965819	-1.03539	0.0884574	0.522193	-1.915	0.00409269	0.264037	-3.78735	0.133208	1.7506	1.7506	0.0596891	2.08462	2.08462	4.23108	7.11777	1.68226	1
cg15153141	ATG10;ATG10	0.0449571	0.38579	0.749466	-1.33428	0.0271038	2.33642	2.33642	0.677233	0.873037	-1.14543	0.0103864	0.351037	-2.8487	0.425046	0.767794	-1.30243	0.229389	1.50546	1.50546	0.546588	1.21884	1.21884	0.0724027	1.9161	1.9161	0.185874	0.634469	-1.57612	3.52679	5.87677	1.48118	1
cg26233209	ATG12;AP3S1	0.0238167	0.011572	0.253732	-3.94117	0.235834	0.582951	-1.71541	0.638376	0.814134	-1.2283	0.181194	0.539755	-1.85269	0.0183751	0.288573	-3.46532	0.242466	0.587792	-1.70128	0.00369865	0.181955	-5.49588	0.00981865	0.242216	-4.12854	0.0267798	0.319895	-3.12602	4.43114	13.2429	2.65653	1
cg09523691	ATG12;AP3S1	0.0484878	0.0255777	0.259989	-3.84632	0.323352	0.595688	-1.67873	0.675754	0.807647	-1.23816	0.431343	0.665061	-1.50362	0.0458696	0.312772	-3.19721	0.244095	0.538535	-1.85689	0.00547951	0.156477	-6.39072	0.0142836	0.215561	-4.63907	0.0632186	0.346085	-2.88947	3.42784	14.0022	3.63098	1
cg16542392	ATG12;AP3S1;ATG12	0.0170761	0.581683	1.10808	1.10808	0.117508	1.36831	1.36831	0.0738358	1.44416	1.44416	0.0603032	1.47814	1.47814	0.000785215	0.392031	-2.55082	0.93413	0.984869	-1.01536	0.550858	1.11774	1.11774	0.821606	0.9592	-1.04254	0.746669	1.06161	1.06161	4.96207	2.67366	0.47895	1
cg19097648	ATG12;AP3S1;ATG12	0.023784	0.976034	0.994963	-1.00506	0.213067	1.24661	1.24661	0.976965	1.00487	1.00487	0.337162	1.18097	1.18097	0.0917564	0.731925	-1.36626	0.0376181	0.666697	-1.49993	0.00350981	0.51399	-1.94556	0.973943	1.00551	1.00551	0.0283354	1.54514	1.54514	4.43325	1.98398	0.397798	1
cg23339656	ATG16L1;ATG16L1	0.00182318	0.0686574	0.391359	-2.5552	0.000204631	0.0570044	-17.5425	0.087917	0.420218	-2.37972	0.343185	0.63793	-1.56757	0.000159257	0.0512407	-19.5157	0.752124	1.15703	1.15703	0.0905909	0.423873	-2.3592	0.0191795	0.271303	-3.68591	0.0126828	0.240244	-4.16243	9.90494	33.2424	2.98324	1
cg11980898	ATG16L1;ATG16L1	0.00234392	0.00553195	0.282597	-3.53861	0.000310796	0.13163	-7.59705	0.00471562	0.272135	-3.67464	0.00851044	0.312249	-3.20257	0.0188097	0.372861	-2.68197	0.693734	0.871808	-1.14704	0.0300626	0.41296	-2.42154	0.000656233	0.163692	-6.10903	0.112631	0.549563	-1.81963	9.20478	17.5155	1.69144	1
ch.2.4702176R	ATG16L1;ATG16L1	0.00394143	0.0731798	0.592493	-1.68778	0.000231414	0.201715	-4.9575	0.0284173	0.50785	-1.96908	0.919148	0.973754	-1.02695	0.388073	1.26078	1.26078	0.033068	1.92089	1.92089	0.0214418	0.484871	-2.06241	0.507832	0.83863	-1.19242	0.194017	1.43326	1.43326	7.88747	8.57162	0.96599	1
cg01741750	ATG16L1;ATG16L1	0.00482657	0.355558	0.900699	-1.11025	0.0216434	1.35454	1.35454	0.164976	1.17705	1.17705	0.151787	0.84452	-1.1841	0.0023284	0.626327	-1.59661	0.903575	0.986751	-1.01343	0.000936922	0.58081	-1.72173	0.259631	1.13816	1.13816	0.099408	0.819748	-1.21989	7.41803	1.42284	0.170497	1
cg12834730	ATG16L1;ATG16L1	0.00570949	0.457358	0.836415	-1.19558	0.0374766	0.565649	-1.76788	0.00822095	0.45026	-2.22094	0.00225883	0.364718	-2.74184	0.270859	0.762948	-1.3107	0.258468	0.757085	-1.32086	0.16335	0.703897	-1.42066	0.000351649	0.25784	-3.87837	0.00970083	0.461972	-2.16463	7.04612	6.21627	0.7842	1
ch.2.4702687R	ATG16L1;ATG16L1	0.00615945	0.347365	0.680517	-1.46947	0.143756	0.535346	-1.86795	0.000764917	0.131619	-7.59771	0.0810256	0.463226	-2.15877	0.000722607	0.129252	-7.7368	0.00561619	0.235459	-4.24702	0.881942	0.9426	-1.0609	0.64	0.829129	-1.20608	0.69598	0.855379	-1.16907	6.88316	17.2502	2.22769	1
cg16419638	ATG16L1;ATG16L1	0.0114031	0.871331	1.04096	1.04096	0.166415	0.69388	-1.44117	0.573984	1.15107	1.15107	0.83717	1.05229	1.05229	0.000401499	0.248019	-4.03195	0.0634361	0.596339	-1.6769	0.04782	0.570964	-1.75143	0.132649	1.49463	1.49463	0.109781	0.649353	-1.53999	5.66633	5.50514	0.863602	1
cg17032858	ATG16L1;ATG16L1	0.0234687	0.0658919	0.43003	-2.32542	0.842179	0.921708	-1.08494	0.492877	0.752157	-1.32951	0.302213	1.5482	1.5482	0.000813315	0.126847	-7.8835	0.39553	1.42739	1.42739	0.0564071	0.413365	-2.41917	0.783013	0.893242	-1.11952	0.128843	0.511093	-1.95659	4.45374	11.7972	2.3545	1
cg02185531	ATG16L1;ATG16L1	0.043207	0.121614	0.730024	-1.36982	0.0685372	1.46571	1.46571	0.0735979	1.45355	1.45355	0.626003	0.912017	-1.09647	0.877159	1.02943	1.02943	0.578158	1.11108	1.11108	0.00513654	0.50003	-1.99988	0.184551	0.768052	-1.302	0.418086	0.85628	-1.16784	3.57945	1.99326	0.494988	1
cg12948796	ATG16L1;ATG16L1;ATG16L1;ATG16L1	0.00122972	1.77E-05	0.0982877	-10.1742	0.528882	0.844887	-1.18359	0.0110605	0.430898	-2.32074	0.449871	1.2256	1.2256	0.321831	0.763073	-1.31049	0.574269	0.860739	-1.16179	0.424213	0.806035	-1.24064	0.407908	1.25063	1.25063	0.229246	1.39561	1.39561	11.094	12.2646	0.982677	1
cg16786661	ATG16L1;ATG16L1;ATG16L1;ATG16L1	0.0255223	0.822088	0.945585	-1.05755	0.0255915	1.93266	1.93266	0.205187	1.39386	1.39386	0.41523	1.22984	1.22984	0.445394	1.2132	1.2132	0.864572	1.04332	1.04332	0.00125416	0.310215	-3.22357	0.886748	0.965217	-1.03604	0.439594	1.21632	1.21632	4.32598	4.2286	0.868881	1
cg22794998	ATG16L1;SCARNA5;ATG16L1	0.021753	0.0393974	0.548071	-1.82458	0.00369816	0.371622	-2.69091	0.583326	0.869542	-1.15003	0.88587	1.03691	1.03691	0.534679	1.17195	1.17195	0.155852	0.681713	-1.46689	0.0734263	1.65482	1.65482	0.0395043	1.82381	1.82381	0.157567	0.682941	-1.46426	4.5716	4.61041	0.896435	1
cg15868208	ATG16L2	2.09E-05	0.0203945	0.728149	-1.37334	0.271158	0.878067	-1.13887	0.0372584	0.760004	-1.31578	0.0414178	0.7657	-1.30599	3.20E-07	0.184544	-5.41876	0.000331766	0.518113	-1.93008	0.782813	1.03186	1.03186	9.72E-05	0.455473	-2.19552	0.000986424	0.573601	-1.74337	33.4665	6.82868	0.181374	1
cg25034908	ATG16L2	0.000684833	0.0958076	0.873845	-1.14437	0.44096	1.05964	1.05964	9.18E-05	1.67359	1.67359	0.539125	0.955199	-1.0469	0.954124	0.995768	-1.00425	0.180857	0.900564	-1.11041	0.0476964	1.18166	1.18166	0.0185364	0.810184	-1.23429	0.000264504	1.55537	1.55537	13.091	1.12667	0.0765017	1
cg18573443	ATG16L2	0.000733616	0.000274587	0.239227	-4.18014	0.0894273	1.56754	1.56754	0.00768201	2.2757	2.2757	0.725291	1.08837	1.08837	0.00128288	0.324076	-3.08569	0.777946	0.93439	-1.07022	0.489282	1.18365	1.18365	0.000704238	0.289512	-3.45409	0.0384357	0.562305	-1.77839	12.8409	11.7176	0.811129	1
cg11863058	ATG16L2	0.00652225	0.21719	1.89315	1.89315	0.00111066	10.6112	10.6112	0.0127043	4.58294	4.58294	0.12451	2.26497	2.26497	0.170595	0.488053	-2.04896	0.178837	2.0179	2.0179	0.00241075	7.98532	7.98532	0.0159229	4.26807	4.26807	0.0223163	3.8422	3.8422	6.7622	25.8796	3.40187	1
cg07297954	ATG16L2	0.00823568	0.427061	1.12383	1.12383	0.0324773	1.43389	1.43389	0.901387	1.01801	1.01801	0.989296	0.998071	-1.00193	0.989373	0.998084	-1.00192	0.127462	0.788772	-1.26779	0.000263273	0.421791	-2.37084	0.338237	1.15272	1.15272	0.245016	1.19133	1.19133	6.28639	2.06354	0.291782	1
cg04006327	ATG16L2	0.0126067	0.0139553	2.11933	2.11933	0.470914	0.834082	-1.19892	0.0125756	2.15473	2.15473	0.00513447	2.4952	2.4952	0.102701	1.55529	1.55529	0.233696	0.7343	-1.36184	0.0297339	1.88294	1.88294	0.0700907	1.65024	1.65024	0.0111593	2.19634	2.19634	5.48484	5.31515	0.861389	1
cg11944287	ATG16L2	0.0153478	0.145148	2.10189	2.10189	0.00739737	5.14698	5.14698	0.0285836	3.40891	3.40891	0.301979	1.6615	1.6615	0.0703764	0.382785	-2.61243	0.0594186	2.74641	2.74641	0.00514557	5.7799	5.7799	0.02147	3.71233	3.71233	0.108073	2.2989	2.2989	5.14154	18.3568	3.17359	1
cg05049628	ATG16L2	0.0153528	0.456868	0.904496	-1.10559	0.0141782	0.669712	-1.49318	0.372257	1.12902	1.12902	0.943946	1.00936	1.00936	0.81207	0.96894	-1.03206	0.145803	1.22983	1.22983	0.000731193	1.97409	1.97409	0.915961	1.01408	1.01408	0.609096	0.933957	-1.07071	5.14098	1.42891	0.247062	1
cg10687644	ATG16L2	0.0210148	0.0104075	0.206628	-4.8396	0.0071979	0.1835	-5.44958	0.0151948	0.232818	-4.29521	0.42335	0.67053	-1.49136	0.0100829	0.204552	-4.88873	0.131682	0.451415	-2.21525	0.0137493	0.225642	-4.4318	0.51394	0.723593	-1.38199	0.0346254	0.29998	-3.33355	4.62592	17.5027	3.36321	1
cg00979931	ATG16L2	0.03112	0.0182319	2.24642	2.24642	0.314049	0.745256	-1.34182	0.00370709	3.02619	3.02619	0.0216896	2.17784	2.17784	0.0645692	1.79733	1.79733	0.889313	1.04011	1.04011	0.190457	1.47925	1.47925	0.369519	1.29726	1.29726	0.0801329	1.73024	1.73024	4.03387	5.09489	1.12269	1
cg06285727	ATG16L2	0.0370287	0.00429075	0.122848	-8.14016	0.25632	0.521816	-1.91639	0.0968335	0.367677	-2.71977	0.575728	0.733165	-1.36395	0.00488188	0.128975	-7.75343	0.474222	0.670636	-1.49112	0.0519997	0.297129	-3.36554	0.297547	0.552761	-1.8091	0.0377562	0.266406	-3.75366	3.78879	18.0831	4.24248	1
cg21806242	ATG16L2	0.0436104	0.054118	2.94193	2.94193	0.992587	1.0046	1.0046	0.0235083	3.80212	3.80212	0.0338381	3.39775	3.39775	0.0590267	2.86463	2.86463	0.647608	1.25506	1.25506	0.0581626	2.87762	2.87762	0.0249849	3.731	3.731	0.0102216	4.94488	4.94488	3.56708	13.7669	3.4306	1
cg13763952	ATG16L2	0.0436559	0.355852	0.854742	-1.16994	0.398361	0.866838	-1.15362	0.0770704	0.722613	-1.38387	0.991436	0.998228	-1.00178	0.00150218	0.469515	-2.12986	0.0660582	0.711221	-1.40603	0.226432	0.810665	-1.23355	0.579686	0.91169	-1.09686	0.0276311	0.65026	-1.53785	3.56569	1.54242	0.384508	1
cg09355652	ATG2A	5.10E-05	5.40E-05	0.190516	-5.24892	0.752625	1.07212	1.07212	0.0522486	0.61495	-1.62615	2.43E-05	0.156996	-6.36957	0.000701184	0.32044	-3.12071	4.58E-06	0.0985557	-10.1465	0.0291806	0.567785	-1.76123	0.585451	0.885769	-1.12896	0.00266415	0.40053	-2.49669	26.4762	20.3378	0.682806	1
cg22859714	ATG2A	0.000733103	0.536719	0.924104	-1.08213	0.225773	1.1741	1.1741	0.0321905	0.728659	-1.37238	0.112333	1.24374	1.24374	0.554523	0.927347	-1.07835	8.64E-05	0.411071	-2.43267	0.00266212	1.68923	1.68923	0.53286	0.923394	-1.08296	0.00107037	0.543434	-1.84015	12.8434	3.23831	0.224122	1
cg00213905	ATG2A	0.00204134	0.0300924	0.573578	-1.74344	0.0125857	1.97878	1.97878	0.068395	1.55433	1.55433	?	?	?	0.210357	0.75383	-1.32656	0.000146728	0.218521	-4.57621	0.141219	1.40472	1.40472	0.168629	0.730086	-1.3697	0.558107	0.881615	-1.13428	11.6557	7.24498	0.543882	1
cg03522766	ATG2A	0.00375046	0.000243047	0.435673	-2.2953	0.0786585	0.76533	-1.30663	0.513239	0.913204	-1.09505	0.0312984	0.707547	-1.41333	0.00261935	0.565197	-1.76929	0.380852	1.13098	1.13098	0.468303	1.10633	1.10633	0.300297	1.15833	1.15833	0.0306307	0.706245	-1.41594	8.00617	2.37772	0.263988	1
cg27147858	ATG2A	0.00853864	0.0507249	0.580814	-1.72172	0.707642	1.09631	1.09631	0.0156444	0.485171	-2.06113	0.53307	1.16659	1.16659	0.000350917	0.246083	-4.06367	0.0168602	0.490852	-2.03727	0.741628	1.0841	1.0841	0.674419	0.902018	-1.10863	0.0968704	0.640961	-1.56016	6.2151	5.86356	0.838611	1
cg18745670	ATG2A	0.0109163	0.390001	1.15333	1.15333	0.45888	0.885026	-1.12991	0.119205	1.315	1.315	0.800462	0.959816	-1.04187	0.46274	1.12868	1.12868	0.000202392	0.364442	-2.74392	0.544045	0.905339	-1.10456	0.634396	0.925351	-1.08067	0.221902	0.812284	-1.2311	5.74664	2.3869	0.369204	1
cg13449967	ATG2A	0.0208498	0.733113	1.15237	1.15237	0.0204387	0.314262	-3.18206	0.262871	1.62201	1.62201	0.700116	0.851837	-1.17393	?	?	?	0.208801	1.73149	1.73149	0.051758	0.399639	-2.50226	0.0056688	0.22229	-4.49863	0.0810279	2.229	2.229	4.72202	11.4127	2.41692	1
cg12201927	ATG2A	0.0223801	0.157219	1.19055	1.19055	0.0123459	1.4322	1.4322	0.0717337	1.26091	1.26091	0.946843	0.992341	-1.00772	0.141497	1.19997	1.19997	0.790356	1.0312	1.0312	0.00370803	0.636292	-1.57161	0.434022	1.09641	1.09641	0.14564	1.19739	1.19739	4.52723	0.953274	0.187168	1
cg20360148	ATG2A	0.0320124	0.122668	0.670417	-1.49161	0.0675998	1.63147	1.63147	0.0623733	1.65112	1.65112	0.0171674	0.499453	-2.00219	0.469057	0.838542	-1.19255	0.543989	0.863451	-1.15814	0.283195	0.766018	-1.30545	0.252825	1.33045	1.33045	0.0256887	1.88409	1.88409	3.99333	3.61419	0.804497	1
cg03975537	ATG2A	0.0353528	0.412924	0.77769	-1.28586	0.0093772	0.371777	-2.68978	0.332888	0.740802	-1.34989	0.953449	1.01769	1.01769	0.00151984	0.253738	-3.94108	0.103281	0.585535	-1.70784	0.0734001	0.549027	-1.8214	0.453621	0.795096	-1.25771	0.39928	0.771677	-1.29588	3.85311	5.50546	1.27008	1
cg23357035	ATG2A	0.0381168	0.00589712	0.409177	-2.44393	0.0325804	0.537709	-1.85974	0.695049	0.9069	-1.10266	0.64866	0.892452	-1.12051	0.0394852	0.553902	-1.80537	0.078113	0.615372	-1.62503	0.17718	1.42729	1.42729	0.640955	0.890028	-1.12356	0.0320661	0.536387	-1.86432	3.74892	3.65309	0.866166	1
cg25860425	ATG2A;ATG2A	0.000137417	0.195513	1.24822	1.24822	0.351538	0.856176	-1.16798	0.558265	0.908569	-1.10063	0.000943467	0.4499	-2.22272	3.09E-06	0.16611	-6.02009	0.0111816	0.597537	-1.67354	0.68714	1.06777	1.06777	0.949103	1.01039	1.01039	0.0175002	1.5974	1.5974	20.331	8.44613	0.369272	1
cg23306295	ATG2A;ATG2A	0.0338457	0.327991	1.38862	1.38862	0.590454	1.19323	1.19323	0.996495	0.998573	-1.00143	0.0661111	1.95485	1.95485	0.013616	0.370654	-2.69793	0.265323	1.45857	1.45857	0.210912	1.53514	1.53514	0.0234478	2.41152	2.41152	0.0160407	2.60747	2.60747	3.91425	6.5546	1.48849	1
cg18920658	ATG2B;ATG2B	0.00553077	0.810067	1.03012	1.03012	0.196318	1.18343	1.18343	0.622171	1.06314	1.06314	0.0185215	0.70325	-1.42197	0.0387766	0.744555	-1.34309	0.589302	1.06949	1.06949	0.000439132	0.504321	-1.98287	0.0176318	1.42745	1.42745	0.840326	1.02518	1.02518	7.11536	1.71228	0.213908	1
cg00785783	ATG3;SLC35A5	0.00740821	0.445151	0.86169	-1.16051	0.935023	1.01572	1.01572	0.950155	0.988115	-1.01203	0.267715	0.801867	-1.24709	0.000333893	0.330577	-3.02501	0.231065	0.786418	-1.27159	0.0369811	0.629204	-1.58931	0.0123917	1.81369	1.81369	0.63062	1.09709	1.09709	6.49902	3.76498	0.514947	1
cg19100453	ATG3;SLC35A5	0.0159185	0.98173	1.01251	1.01251	0.892251	0.929034	-1.07639	0.541723	1.39864	1.39864	0.511667	0.696625	-1.43549	0.489064	1.46477	1.46477	0.418846	0.638487	-1.5662	0.000197239	0.0334361	-29.9078	0.438451	0.651005	-1.53609	0.788316	0.864015	-1.15739	5.07961	23.732	4.1529	1
cg02272668	ATG4A;ATG4A	0.00425226	0.246804	1.42327	1.42327	0.00625411	0.354007	-2.8248	0.0155979	0.421382	-2.37314	0.172402	1.52696	1.52696	0.0015048	0.263702	-3.79215	0.0102455	2.56825	2.56825	0.216321	1.46111	1.46111	0.42332	1.26915	1.26915	0.414629	0.784243	-1.27512	7.70883	10.3707	1.19582	1
cg13088417	ATG4A;ATG4A	0.0203101	0.122439	0.790873	-1.26443	0.741613	1.04747	1.04747	0.0222906	0.681196	-1.46801	0.592264	0.927025	-1.07872	0.00113352	0.511065	-1.9567	0.489875	1.10331	1.10331	0.0723073	1.32461	1.32461	0.855796	0.974825	-1.02583	0.390533	0.88398	-1.13125	4.68002	1.45619	0.276579	1
cg18124706	ATG4A;ATG4A;PSMD10;PSMD10	0.0476721	0.0254918	0.285174	-3.50663	0.0331177	0.30809	-3.24581	0.027319	0.291078	-3.4355	0.115573	0.445529	-2.24452	0.0891412	0.412291	-2.42547	0.167269	0.498682	-2.00529	0.00901225	0.208203	-4.80301	0.0297413	0.298477	-3.35035	0.090115	0.413623	-2.41766	3.44989	12.2048	3.14464	1
cg20707601	ATG4B;ATG4B	0.000285612	0.192625	1.30557	1.30557	0.0028388	2.21352	2.21352	0.00944979	1.88894	1.88894	0.449156	0.861455	-1.16083	0.000200894	0.299226	-3.34195	0.00265315	0.447568	-2.2343	0.000174846	0.291924	-3.42555	0.122007	1.38279	1.38279	0.532537	0.884935	-1.13003	16.6728	9.87329	0.526382	1
cg15550100	ATG4B;ATG4B	0.00102638	0.00483677	6.23273	6.23273	0.0375499	3.25892	3.25892	0.0108297	0.2087	-4.79158	0.294541	1.70281	1.70281	0.688703	1.21795	1.21795	0.188343	1.97873	1.97873	0.000157063	0.0421495	-23.7251	0.0156416	4.26709	4.26709	0.0327246	3.39844	3.39844	11.6799	44.3437	3.37473	1
cg25428929	ATG4B;ATG4B	0.00152552	0.0037012	8.97266	8.97266	0.090766	2.83604	2.83604	0.0271107	0.231422	-4.32111	0.161194	2.3097	2.3097	0.277527	0.531657	-1.88091	0.222012	2.05036	2.05036	0.00234206	0.0929148	-10.7625	0.00112992	14.5925	14.5925	0.00757898	6.83083	6.83083	10.4288	51.691	4.40583	1
cg17187755	ATG4B;ATG4B	0.00256694	0.263298	0.753488	-1.32716	0.0668558	1.64649	1.64649	0.00234545	0.356788	-2.80279	0.0784719	1.60703	1.60703	0.000502213	0.266985	-3.74553	0.539007	0.859883	-1.16295	0.389639	1.23858	1.23858	0.286862	1.30789	1.30789	0.00539728	0.411091	-2.43255	8.96203	8.3613	0.829306	1
cg00458449	ATG4B;ATG4B	0.00288186	0.819943	0.91094	-1.09777	0.0866392	2.16909	2.16909	0.8502	0.925562	-1.08043	0.931766	1.03566	1.03566	0.637674	1.2142	1.2142	0.883415	1.06187	1.06187	3.98E-05	0.0402021	-24.8743	0.835603	1.08874	1.08874	0.277591	1.58719	1.58719	8.66075	22.9602	2.3565	1
cg24752875	ATG4B;ATG4B	0.00293794	0.10776	0.711727	-1.40503	0.401836	1.18087	1.18087	0.110536	1.40065	1.40065	0.374016	1.1934	1.1934	5.28E-05	0.231515	-4.31937	0.557257	1.12189	1.12189	0.200926	0.769728	-1.29916	0.732636	0.935717	-1.0687	0.138439	0.734135	-1.36215	8.61141	5.12019	0.528518	1
cg23369760	ATG4B;ATG4B	0.0040021	0.449746	0.927543	-1.07812	0.000254356	0.555123	-1.8014	0.00918876	1.38127	1.38127	0.135272	0.85451	-1.17026	0.141485	1.16696	1.16696	0.709826	0.964157	-1.03718	0.0791327	1.20969	1.20969	0.145485	0.858437	-1.16491	0.215853	0.880555	-1.13565	7.85125	1.18589	0.134261	1
cg18278899	ATG4B;ATG4B	0.00578642	0.546169	0.870137	-1.14924	0.0540657	0.607751	-1.64541	0.589902	0.883444	-1.13193	0.676012	0.908716	-1.10045	0.0188176	0.523904	-1.91204	0.358904	0.806657	-1.23968	0.000515271	0.291028	-3.43609	0.00629748	2.24889	2.24889	0.387461	1.22354	1.22354	7.01715	5.76486	0.730256	1
cg03404709	ATG4B;ATG4B	0.00629475	0.271794	1.27522	1.27522	0.0013594	2.68661	2.68661	0.507571	1.15358	1.15358	0.15353	1.38371	1.38371	0.205055	1.32866	1.32866	0.43925	0.845646	-1.18253	0.00360116	0.432733	-2.3109	0.0107019	1.97738	1.97738	0.102938	1.46105	1.46105	6.83704	4.89084	0.635862	1
cg04053485	ATG4B;ATG4B	0.00766739	0.099058	0.570539	-1.75273	0.000530461	0.187424	-5.3355	0.331816	0.732926	-1.36439	0.0533587	0.506071	-1.97601	0.00604509	0.328634	-3.0429	0.0028275	0.279124	-3.58263	0.770764	0.91332	-1.09491	0.857747	0.945843	-1.05726	0.0545	0.508139	-1.96796	6.42936	9.80637	1.35578	1
cg06006530	ATG4B;ATG4B	0.00781341	0.792799	0.973324	-1.02741	0.627472	0.951014	-1.05151	0.657722	0.955236	-1.04686	0.251277	1.13101	1.13101	0.279231	1.12248	1.12248	0.671656	1.04476	1.04476	0.000100355	2.03077	2.03077	0.362818	0.90841	-1.10083	0.439166	1.08441	1.08441	6.3914	1.06779	0.148503	1
cg01275632	ATG4B;ATG4B	0.00800978	0.0103604	0.303656	-3.2932	0.573603	0.810681	-1.23353	0.742805	0.885556	-1.12923	0.0692862	0.472314	-2.11724	0.00364699	0.234219	-4.26951	0.0733313	0.478523	-2.08977	0.000362206	0.1212	-8.25082	0.123925	0.540648	-1.84963	0.0756136	0.481914	-2.07506	6.34171	13.6835	1.91795	1
cg09514933	ATG4B;ATG4B	0.00929979	0.0722162	0.356561	-2.80457	0.273118	0.556431	-1.79717	0.138387	0.440449	-2.27041	0.535369	0.724249	-1.38074	0.633004	0.78094	-1.28051	0.248043	0.537585	-1.86017	9.49E-05	0.0280662	-35.6301	0.351303	0.610771	-1.63728	0.356582	0.614253	-1.62799	6.04907	25.3083	3.71896	1
cg06860600	ATG4B;ATG4B	0.0111613	0.000643925	0.196388	-5.09195	0.04549	0.490188	-2.04003	0.215393	0.666767	-1.49978	0.0790961	0.545532	-1.83307	0.0114649	0.374103	-2.67306	0.0657382	0.526313	-1.90001	0.0740881	0.538647	-1.8565	0.537526	0.823616	-1.21416	0.00427583	0.304831	-3.2805	5.70567	8.7306	1.36014	1
cg22890355	ATG4B;ATG4B	0.0461039	0.261502	0.873617	-1.14467	0.0491976	0.771778	-1.29571	0.203322	0.856463	-1.16759	0.0777347	0.797549	-1.25384	0.0281375	1.34875	1.34875	0.0169614	0.71463	-1.39932	0.586182	1.06548	1.06548	0.624873	1.05851	1.05851	0.208586	0.858162	-1.16528	3.49363	0.736697	0.187439	1
cg20571513	ATG4B;ATG4B	0.0465134	0.92486	0.97796	-1.02254	0.0102681	2.14737	2.14737	0.589009	0.879093	-1.13754	0.784632	0.937331	-1.06686	0.0282318	0.542231	-1.84423	0.0444679	0.579706	-1.72501	0.0637192	0.611133	-1.63631	0.876096	1.03755	1.03755	0.35809	0.799898	-1.25016	3.48203	3.07801	0.785752	1
cg04311821	ATG4B;ATG4B	0.048307	0.182338	0.483082	-2.07004	0.275265	0.557956	-1.79225	0.7749	0.862958	-1.1588	0.183532	0.484155	-2.06545	0.0214456	0.241598	-4.13911	0.520529	1.39767	1.39767	0.00240923	0.113854	-8.78319	0.250681	0.539558	-1.85337	0.0754553	0.361559	-2.7658	3.43268	14.3661	3.72009	1
cg11233236	ATG4B;ATG4B;THAP4	0.0182933	0.383036	1.14454	1.14454	0.271576	1.18854	1.18854	0.495164	1.11019	1.11019	0.029394	0.678967	-1.47283	0.137143	0.785338	-1.27334	0.00769059	1.6768	1.6768	0.00577707	0.579383	-1.72597	0.413736	0.881526	-1.1344	0.810973	0.964486	-1.03682	4.84868	1.74902	0.32064	1
cg19296855	ATG4B;THAP4;ATG4B	0.0031029	0.182203	1.79762	1.79762	0.0266103	2.96965	2.96965	0.285175	1.58378	1.58378	0.232542	1.6796	1.6796	0.0836587	0.452482	-2.21003	0.000965516	0.130645	-7.65433	0.0114232	0.269491	-3.7107	0.00214001	0.167557	-5.96811	0.599006	0.802693	-1.24581	8.47281	23.023	2.41537	1
cg24516711	ATG4B;THAP4;ATG4B	0.00949374	0.0384204	0.235921	-4.23871	0.0192322	0.172018	-5.81335	0.457615	1.51649	1.51649	0.00206384	0.0483765	-20.6712	0.012748	0.140584	-7.11318	?	?	?	?	?	?	?	?	?	0.00743164	0.105823	-9.44975	10.9248	31.3243	2.38938	1
cg25613600	ATG4C;ATG4C	0.00218366	0.000656551	4.59011	4.59011	?	?	?	?	?	?	?	?	?	?	?	?	0.00581037	2.34384	2.34384	0.00106772	3.82966	3.82966	0.317966	0.834576	-1.19821	0.977301	1.00481	1.00481	34.6034	7.55269	0.174612	1
cg18129198	ATG4C;ATG4C	0.00311056	0.550863	1.10873	1.10873	0.667835	0.928823	-1.07663	0.628055	0.919891	-1.08709	4.40E-05	0.265805	-3.76215	0.0317253	0.650081	-1.53827	0.0693866	0.706495	-1.41544	0.0371967	0.661192	-1.51242	0.0597227	0.695306	-1.43822	0.202853	0.794584	-1.25852	8.46659	3.92275	0.411841	1
cg22683036	ATG4C;ATG4C	0.00617519	0.622202	1.32706	1.32706	0.140188	0.404876	-2.46989	0.0777723	0.327335	-3.05498	0.0383132	3.92597	3.92597	0.00215634	0.0859456	-11.6353	0.00241261	0.0900273	-11.1077	0.0105046	0.15968	-6.26254	0.0334026	0.242623	-4.12161	0.290187	0.535032	-1.86905	6.87773	35.358	4.56973	1
cg24082680	ATG4C;ATG4C	0.0177583	0.581568	1.44435	1.44435	0.427899	1.70684	1.70684	0.118642	0.326629	-3.06158	0.310499	2.00002	2.00002	0.00463258	0.0830622	-12.0392	0.00233218	0.0603522	-16.5694	0.059054	0.244616	-4.08805	0.144722	0.355333	-2.81426	0.292923	0.486411	-2.05588	4.89733	33.8417	6.14244	1
cg23427565	ATG4D	0.00583864	0.0100056	0.653522	-1.53017	0.0201884	0.693181	-1.44262	0.958953	0.99329	-1.00676	0.102579	0.791625	-1.26322	0.00316203	0.590058	-1.69475	0.494384	0.913223	-1.09502	0.000390861	0.47741	-2.09464	0.495606	1.09473	1.09473	0.831989	0.972591	-1.02818	6.99776	1.89651	0.240904	1
cg03157226	ATG4D	0.0117006	0.21646	0.668835	-1.49514	0.84296	0.940504	-1.06326	0.546775	0.82813	-1.20754	0.182941	0.645957	-1.54809	0.0131897	0.386652	-2.5863	0.22485	1.48326	1.48326	0.00120511	0.230743	-4.33383	0.0201328	2.37946	2.37946	0.317479	0.726472	-1.37652	5.61933	8.51116	1.34633	1
cg04280677	ATG4D	0.0133548	0.908724	0.962767	-1.03867	0.0755711	1.92404	1.92404	0.019667	2.54032	2.54032	0.435932	0.768773	-1.30077	0.924239	1.03197	1.03197	0.0123085	0.356537	-2.80475	0.0828255	1.8879	1.8879	0.00697244	0.315157	-3.17303	0.116058	1.75956	1.75956	5.38255	9.33061	1.54088	1
cg07769588	ATG4D	0.0173994	0.0273185	0.163042	-6.13338	0.0449163	0.202168	-4.94637	0.260316	0.442415	-2.26032	0.148922	0.34125	-2.9304	0.018676	0.138067	-7.24284	0.0750375	0.252334	-3.963	0.00178364	0.0455683	-21.9451	0.0102048	0.105434	-9.48462	0.0141639	0.122159	-8.18606	4.93099	37.6758	6.79166	1
cg10675011	ATG4D	0.0237736	0.150401	1.19083	1.19083	0.00725056	0.675384	-1.48064	0.308484	1.12685	1.12685	0.0199006	1.37496	1.37496	0.876932	0.982596	-1.01771	0.959185	1.00582	1.00582	0.515562	0.928025	-1.07756	0.515573	1.07755	1.07755	0.00921696	1.45427	1.45427	4.43392	0.9014	0.180708	1
cg19990977	ATG4D	0.0253927	0.694723	0.923226	-1.08316	0.158201	0.736726	-1.35736	0.231191	1.28963	1.28963	0.0187575	1.78032	1.78032	0.030665	0.597953	-1.67237	0.211221	1.30574	1.30574	0.100414	0.694545	-1.43979	0.768571	0.941992	-1.06158	0.0127844	1.87084	1.87084	4.33366	2.81529	0.577453	1
cg10819350	ATG4D	0.0415884	0.0355264	0.13159	-7.59935	0.061642	0.174759	-5.72215	0.14255	0.270862	-3.69192	0.144854	0.273198	-3.66035	0.0171267	0.0900126	-11.1096	0.0787659	0.19835	-5.0416	0.00922618	0.0646596	-15.4656	0.0235842	0.10643	-9.39581	0.0294422	0.119421	-8.37376	3.63055	39.4837	9.66703	1
cg01279933	ATG4D;KRI1	0.00156514	0.280564	0.744416	-1.34333	0.00690009	0.398408	-2.50999	0.00156869	0.302611	-3.30457	0.00387748	0.3593	-2.78319	0.000126072	0.172602	-5.79368	0.373912	1.27148	1.27148	0.0240155	0.492419	-2.03079	0.0688304	0.58516	-1.70894	0.00467812	0.371768	-2.68985	10.352	11.3534	0.974876	1
cg12956598	ATG4D;MIR1238	0.00288039	0.242345	1.28394	1.28394	0.16176	0.736987	-1.35688	0.127688	1.39993	1.39993	0.774686	1.06038	1.06038	0.0326808	0.600179	-1.66617	0.000336972	0.307105	-3.25622	0.431091	1.17838	1.17838	0.718074	0.928619	-1.07687	0.000761682	0.352763	-2.83477	8.66206	5.72377	0.587366	1
cg05648345	ATG4D;MIR1238	0.00724901	0.300695	0.841191	-1.18879	0.0225131	1.55376	1.55376	0.590645	1.09152	1.09152	0.144087	0.776418	-1.28797	0.403603	0.871251	-1.14777	0.0499546	0.697314	-1.43407	0.00122869	2.14322	2.14322	0.320777	0.84753	-1.1799	0.0130805	0.608735	-1.64275	6.54333	2.69495	0.3661	1
cg19852264	ATG4D;MIR1238	0.00983635	0.871267	1.03456	1.03456	0.596654	0.894127	-1.11841	0.492874	0.864224	-1.15711	0.465501	1.16839	1.16839	0.470799	0.857514	-1.16616	0.00428735	0.449133	-2.22651	0.000716889	2.9418	2.9418	0.315192	1.2431	1.2431	0.303037	0.799686	-1.25049	5.94187	4.13148	0.618059	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02446225	ATG4D;MIR1238	0.0423251	0.0121674	0.265337	-3.76879	0.933005	0.96493	-1.03634	0.129872	0.499221	-2.00312	0.803604	0.899606	-1.1116	0.255988	0.604428	-1.65446
cg14951955	ATG5	0.000525834	0.026588	1.75092	1.75092	0.728952	1.07696	1.07696	0.578746	0.887338	-1.12697	0.017373	1.85396	1.85396	0.000692344	0.331708	-3.0147
cg14764792	ATG5	0.000749479	0.000361876	0.210647	-4.74727	0.196613	0.689435	-1.45046	0.489562	0.825966	-1.2107	7.56E-05	0.141445	-7.0699	0.163129	0.66666	-1.50002
cg14790600	ATG5	0.00170082	0.134022	0.799438	-1.25088	0.000297229	0.442299	-2.26091	0.0471304	0.730017	-1.36983	0.00104998	0.510895	-1.95735	0.0519629	0.736172	-1.35838
cg09354267	ATG5	0.00202678	0.132405	0.650989	-1.53612	0.0237513	0.489914	-2.04118	0.123862	0.643678	-1.55357	0.0192189	2.1145	2.1145	0.00668503	0.394509	-2.5348
cg09443553	ATG5	0.00633626	0.267299	1.13217	1.13217	0.00690629	1.45587	1.45587	0.056065	1.26169	1.26169	0.0151538	0.72578	-1.37783	0.0338608	0.766353	-1.30488
cg21148531	ATG5	0.0094293	0.957605	1.02093	1.02093	0.0444613	2.45774	2.45774	0.269723	0.639029	-1.56488	0.433361	1.36547	1.36547	0.0106229	0.285996	-3.49655
cg13829924	ATG5	0.0131648	0.000410638	0.320327	-3.12181	0.785871	0.946241	-1.05681	0.810115	1.05006	1.05006	0.144739	0.727714	-1.37417	0.0524414	0.639204	-1.56445
cg11532971	ATG5	0.0307672	0.888264	0.98258	-1.01773	0.0106108	0.669172	-1.49438	0.0389612	0.741731	-1.3482	0.508063	0.919489	-1.08756	0.859969	0.978168	-1.02232
cg10566763	ATG5;ATG5	0.0361379	0.499183	1.13042	1.13042	0.838515	0.964192	-1.03714	0.190653	0.780644	-1.28099	0.101521	1.37764	1.37764	0.389405	1.17072	1.17072
cg24146269	ATG7;ATG7;ATG7	6.46E-06	0.0426943	1.28614	1.28614	0.00179402	0.619318	-1.61468	6.75E-07	0.232632	-4.29864	0.957085	0.994213	-1.00582	0.109372	0.828382	-1.20717
cg12901291	ATG7;ATG7;ATG7	4.02E-05	0.112998	0.824618	-1.21268	0.108753	1.21598	1.21598	1.11E-05	0.351615	-2.84402	0.213817	0.863876	-1.15757	0.177618	0.852006	-1.1737
cg01796438	ATG7;ATG7;ATG7	0.000183877	0.00507109	0.51466	-1.94303	0.201091	0.785	-1.27389	0.0012467	0.429335	-2.32918	0.154751	1.31396	1.31396	3.70E-05	0.241153	-4.14675
cg00977707	ATG7;ATG7;ATG7	0.000262683	0.0131846	0.397433	-2.51615	0.00262881	0.286396	-3.49167	0.00122387	0.241631	-4.13854	0.0604029	0.529474	-1.88867	0.0017361	0.261524	-3.82374
cg05791356	ATG7;ATG7;ATG7	0.00266592	0.0100311	0.706925	-1.41458	0.0181954	1.35794	1.35794	0.0135171	1.38571	1.38571	0.0497467	0.787536	-1.26978	0.194153	0.86365	-1.15788
cg00170343	ATG7;ATG7;ATG7	0.00435105	0.803212	0.949029	-1.05371	0.222487	1.30816	1.30816	0.0864095	1.4872	1.4872	0.00063413	0.332936	-3.00358	0.0771109	0.66244	-1.50957
cg03452625	ATG7;ATG7;ATG7	0.00495691	0.00742008	0.253319	-3.94759	0.0570207	0.424267	-2.35701	0.581338	0.801118	-1.24826	0.160654	0.550651	-1.81603	0.0105963	0.278093	-3.59593
cg15139163	ATG7;ATG7;ATG7	0.00743223	0.0136938	0.20468	-4.88567	0.00169949	0.0970588	-10.303	0.0126239	0.199179	-5.02061	0.071673	0.351174	-2.84759	0.00370911	0.130017	-7.69133
cg06592829	ATG7;ATG7;ATG7	0.0124986	0.759548	0.923393	-1.08296	0.002105	0.325367	-3.07345	0.000666946	0.258704	-3.86543	0.767942	1.07985	1.07985	0.485481	0.83193	-1.20202
cg13430678	ATG7;ATG7;ATG7	0.0137646	0.0442284	0.752428	-1.32903	0.431913	0.905999	-1.10375	0.348115	0.887906	-1.12625	0.976535	1.00363	1.00363	0.292305	1.14393	1.14393
cg24705426	ATG7;ATG7;ATG7	0.0171887	0.010139	0.299432	-3.33965	0.00904506	0.291225	-3.43377	0.523615	0.786368	-1.27167	0.821588	0.919449	-1.08761	0.00316426	0.223294	-4.47839
cg26389380	ATG7;ATG7;ATG7	0.0285185	0.825385	0.93107	-1.07403	0.257976	0.682812	-1.46453	0.022424	0.413087	-2.4208	0.831424	1.07133	1.07133	0.962945	0.985095	-1.01513
cg05672923	ATG7;ATG7;ATG7	0.0292099	0.694906	1.04821	1.04821	0.0682182	0.783554	-1.27624	0.896663	0.984598	-1.01564	0.916944	1.01254	1.01254	0.647787	1.05648	1.05648
cg14339991	ATG7;ATG7;ATG7	0.0317851	0.0201575	0.1412	-7.08217	0.0550672	0.218843	-4.56949	0.103201	0.287912	-3.47328	0.117038	0.304419	-3.28495	0.00262189	0.0544684	-18.3593
cg18146954	ATG7;ATG7;ATG7	0.0406541	0.0797518	1.51247	1.51247	0.0047239	0.449925	-2.22259	0.0924986	0.674381	-1.48284	0.1586	0.725671	-1.37804	0.69132	1.08863	1.08863
cg02756706	ATG9A;ANKZF1;ANKZF1;ATG9A;ATG9A;ATG9A	0.0201585	0.497157	1.15865	1.15865	0.28973	0.790778	-1.26458	0.310898	1.25103	1.25103	0.899906	1.02725	1.02725	0.803837	0.948225	-1.0546
cg13603203	ATG9A;ATG9A	0.00436659	0.163124	0.685609	-1.45856	0.775065	1.07535	1.07535	0.920586	1.02561	1.02561	0.035742	0.538158	-1.85819	0.016149	0.474145	-2.10906
cg01866897	ATG9A;ATG9A	0.0191068	0.0163675	0.611241	-1.63602	0.0312893	0.65454	-1.52779	0.291788	0.832359	-1.2014	0.654905	1.07839	1.07839	0.163963	0.779463	-1.28293
cg00537910	ATG9A;ATG9A;ABCB6	0.0311291	0.287704	0.837656	-1.19381	0.109359	1.32334	1.32334	0.040756	1.46091	1.46091	0.505483	1.11453	1.11453	0.00390285	0.536059	-1.86547
cg12229082	ATG9B	0.00368645	0.06081	0.516659	-1.93551	0.0438914	0.484981	-2.06194	0.000940596	0.214017	-4.67253	0.0295017	0.448921	-2.22757	0.0177899	0.406424	-2.46048
cg01068407	ATG9B	0.0231773	0.00242351	0.421148	-2.37446	0.600253	1.11437	1.11437	0.360264	0.824795	-1.21242	0.628673	1.10495	1.10495	0.0746862	0.665905	-1.50172
cg01081096	ATG9B;ATG9B	0.000240149	0.323403	0.784015	-1.27549	0.000567489	0.27973	-3.57488	0.000195429	0.224328	-4.45777	0.00869924	0.450376	-2.22037	9.57E-05	0.190752	-5.24242
cg09519327	ATG9B;NOS3	0.0359696	0.0372219	10.4613	10.4613	0.0169288	16.9096	16.9096	0.05828	7.98304	7.98304	0.0401361	9.99609	9.99609	0.907981	0.893824	-1.11879
cg02027878	ATG9B;NOS3	0.0364297	0.0498413	5.01636	5.01636	0.0279383	6.50393	6.50393	0.105716	3.57513	3.57513	0.180745	2.78581	2.78581	0.0353743	5.84908	5.84908
cg10411146	ATHL1	0.000146028	0.00586663	0.490412	-2.0391	3.61E-05	0.20737	-4.82231	0.00143204	0.402114	-2.48686	3.04E-05	0.199736	-5.0066	0.499827	1.14492	1.14492
cg07314988	ATHL1	0.00258791	0.757021	1.07409	1.07409	0.481368	1.17918	1.17918	0.265515	1.30633	1.30633	0.663669	0.904146	-1.10602	0.404186	1.21722	1.21722
cg06169760	ATHL1	0.00521741	0.0786051	0.693909	-1.44111	0.0159008	1.73737	1.73737	0.403955	1.17321	1.17321	0.148347	1.33645	1.33645	0.000406992	0.349645	-2.86004
cg23029851	ATHL1	0.00991748	0.0356852	0.491211	-2.03578	0.547332	0.837713	-1.19373	0.0471803	0.516633	-1.93561	0.00490786	0.33828	-2.95613	0.0278372	0.469573	-2.12959
cg10261205	ATHL1	0.0187167	0.111332	0.425663	-2.34928	0.424382	0.669142	-1.49445	0.0221811	0.259156	-3.85869	0.0169013	0.238106	-4.19982	0.021391	0.256256	-3.90235
cg08596595	ATHL1	0.0262255	0.112688	0.766202	-1.30514	0.110807	0.764941	-1.30729	0.187653	0.806257	-1.2403	0.420967	0.880914	-1.13518	0.969149	1.00598	1.00598
cg24934413	ATHL1	0.0408987	0.0756307	0.53164	-1.88097	0.290867	1.41931	1.41931	0.22139	0.663222	-1.50779	0.70777	1.12784	1.12784	0.00916138	0.347394	-2.87858
cg16935258	ATIC	0.00018972	0.54081	0.905502	-1.10436	0.000956403	0.45431	-2.20114	4.61E-05	0.291135	-3.43483	0.259632	1.20748	1.20748	0.0110948	0.600157	-1.66623
cg06417454	ATIC	0.000484614	0.841859	1.02931	1.02931	0.100834	0.771149	-1.29677	0.00122663	1.98133	1.98133	0.212151	0.826921	-1.20931	0.823552	0.968221	-1.03282
cg01280080	ATIC	0.0108299	0.0112421	0.330243	-3.02807	0.498573	0.786895	-1.27082	0.089133	0.51996	-1.92322	0.0323551	2.39669	2.39669	0.113909	0.548827	-1.82207
cg24933605	ATIC	0.0185708	0.00457456	0.63152	-1.58348	0.244973	0.862383	-1.15958	0.409341	0.902376	-1.10819	0.33763	1.12788	1.12788	0.976919	0.996484	-1.00353
cg21270243	ATIC	0.0191859	0.0496849	0.182938	-5.46635	0.0511452	0.185451	-5.39226	0.0852892	0.236156	-4.23449	0.093968	0.247315	-4.04343	0.0158897	0.106394	-9.39901
cg10535143	ATIC	0.0273404	0.121043	1.17726	1.17726	0.0018336	1.53672	1.53672	0.311854	0.90343	-1.10689	0.171427	0.868196	-1.15181	0.0705377	1.21675	1.21675
cg06525280	ATIC	0.0306652	0.0380597	0.336132	-2.97502	0.176097	1.9197	1.9197	0.504045	0.735342	-1.35991	0.127762	2.10983	2.10983	0.0552479	0.373328	-2.67861
cg26668858	ATIC;ATIC	2.41E-05	0.118784	0.778913	-1.28384	0.000903888	0.480605	-2.08071	?	?	?	4.09E-07	0.118983	-8.40456	0.473686	1.11353	1.11353
cg21512817	ATIC;ATIC	0.0269189	0.779478	0.962668	-1.03878	0.416329	1.11918	1.11918	0.974544	0.995684	-1.00433	0.543891	1.08683	1.08683	0.0052328	0.606964	-1.64754
cg21008040	ATL1	0.0114299	0.126504	0.794517	-1.25863	0.983851	1.00282	1.00282	0.066612	0.751105	-1.33137	0.887518	1.01989	1.01989	0.648541	1.06594	1.06594
cg21509551	ATL1;ATL1;ATL1	0.0446824	0.577151	1.04182	1.04182	0.197657	0.905702	-1.10412	0.206153	1.10185	1.10185	0.522793	0.953984	-1.04824	0.328305	1.07615	1.07615
cg20091107	ATL2;ATL2;ATL2	7.94E-06	0.00470122	1.70531	1.70531	1.59E-05	6.01556	6.01556	1.12E-06	21.4634	21.4634	?	?	?	?	?	?
cg11111835	ATL2;ATL2;ATL2	0.0104102	0.643393	0.935132	-1.06937	0.503747	1.10253	1.10253	0.0131199	0.642413	-1.55663	0.163938	1.23822	1.23822	0.00962303	0.62409	-1.60233
cg05132905	ATL2;ATL2;ATL2	0.0145481	0.615956	0.912823	-1.0955	0.920267	1.01822	1.01822	0.0227826	1.6348	1.6348	0.168569	0.767508	-1.30292	0.00351038	0.489641	-2.04231
cg27042081	ATL3	3.20E-05	0.0121922	0.679551	-1.47156	0.69088	1.05068	1.05068	0.00365872	0.61501	-1.62599	0.840811	1.02519	1.02519	0.554518	0.928727	-1.07674
cg26412374	ATL3	5.99E-05	0.00017001	0.193416	-5.17019	0.0755975	0.601552	-1.66237	0.061572	0.58211	-1.71789	0.000120171	0.177761	-5.62553	0.0034934	0.361228	-2.76834
cg19458497	ATL3	0.000195108	0.0128856	1.85991	1.85991	0.000102319	3.98416	3.98416	0.167314	1.34423	1.34423	0.000585855	2.90914	2.90914	0.574203	0.892177	-1.12085
cg10620898	ATL3	0.00260288	0.0620748	0.651648	-1.53457	0.0136102	1.86321	1.86321	0.42542	1.18049	1.18049	0.819677	1.04765	1.04765	0.0037633	0.450576	-2.21938
cg12320322	ATL3	0.00440524	0.0726987	0.830401	-1.20424	0.0174701	1.30803	1.30803	0.0820099	1.19585	1.19585	0.666976	0.960616	-1.041	0.132593	0.860167	-1.16256
cg14589563	ATL3	0.00979771	0.00789729	0.486076	-2.05729	0.960093	0.989462	-1.01065	0.0175532	1.84386	1.84386	0.62291	0.900386	-1.11063	0.00186154	0.39269	-2.54654
cg18550212	ATL3	0.0103393	0.0187658	0.468755	-2.13331	0.568527	0.857835	-1.16573	0.351919	0.775006	-1.29031	0.0811717	0.597848	-1.67267	0.000549612	0.239842	-4.16942
cg15622309	ATL3	0.0327857	0.0145871	0.765844	-1.30575	0.864755	0.984995	-1.01523	0.400049	1.07939	1.07939	0.428814	0.93087	-1.07426	0.0766685	1.19081	1.19081
cg27627854	ATM;ATM	0.00227876	0.86774	1.02885	1.02885	0.000258943	0.358565	-2.78889	0.000867073	0.426206	-2.34629	0.454022	0.877975	-1.13898	0.0464557	0.677627	-1.47574
cg19643901	ATM;ATM	0.0027425	0.0229126	0.700134	-1.4283	0.00103587	1.88968	1.88968	0.0391684	1.36699	1.36699	0.0205091	0.693759	-1.44142	0.0327667	1.38702	1.38702
cg15535686	ATM;ATM	0.00604912	0.0450372	0.569579	-1.75568	0.780942	1.07061	1.07061	0.00302834	0.36995	-2.70307	0.822049	1.05668	1.05668	0.00227314	0.35179	-2.8426
cg17066171	ATM;ATM	0.00896621	0.492702	0.809111	-1.23592	0.58555	1.18223	1.18223	0.0194651	0.423708	-2.36012	0.438972	0.786639	-1.27123	0.141703	0.618551	-1.61668
cg06750635	ATM;NPAT	4.66E-05	0.185416	1.4667	1.4667	0.541302	1.18372	1.18372	0.347539	1.30188	1.30188	0.238421	1.40045	1.40045	0.115247	0.626839	-1.59531
cg03569616	ATM;NPAT	0.000115516	0.00364401	1.76471	1.76471	0.000255046	2.38693	2.38693	0.0373654	1.41751	1.41751	0.0241512	0.678234	-1.47442	0.0498845	1.38124	1.38124
cg01991180	ATM;NPAT	0.000472911	0.653774	0.926051	-1.07985	0.395565	0.862381	-1.15958	0.371604	0.855467	-1.16895	0.992582	1.00158	1.00158	0.850499	1.03263	1.03263
cg05637308	ATM;NPAT	0.00154272	0.0901088	0.73144	-1.36717	0.00172701	2.11383	2.11383	0.00126047	2.19941	2.19941	0.0218985	0.631	-1.58478	0.0444932	0.679538	-1.47159
cg06053805	ATM;NPAT	0.00162524	?	?	?	?	?	?	0.00198469	5.04385	5.04385	0.561326	0.902218	-1.10838	0.00146692	0.166386	-6.01012
cg15504467	ATM;NPAT	0.0061389	0.281102	0.865275	-1.1557	0.124046	0.806427	-1.24004	0.000830453	1.91561	1.91561	0.160519	0.823949	-1.21367	0.0785462	0.776935	-1.28711
cg27453365	ATM;NPAT	0.00739356	0.225756	0.811144	-1.23283	0.0447301	0.684457	-1.46101	0.137261	0.768467	-1.30129	0.0103986	0.588072	-1.70047	0.376931	0.861413	-1.16088
cg14761454	ATM;NPAT	0.00760589	0.00763339	0.173395	-5.76718	0.0130636	0.20745	-4.82044	0.0390172	0.295088	-3.38882	0.0619369	0.341694	-2.92659	0.00801059	0.176249	-5.67378
cg12848864	ATM;NPAT	0.00936306	0.614198	1.15423	1.15423	0.00243757	3.28831	3.28831	0.00973825	2.51581	2.51581	0.196316	0.680085	-1.4704	0.00430643	0.340576	-2.9362
cg23275463	ATM;NPAT	0.0177632	0.131746	0.642993	-1.55523	?	?	?	0.00287726	3.04287	3.04287	0.0392209	0.523291	-1.91098	0.392107	1.26869	1.26869
cg25740661	ATM;NPAT	0.0193245	0.0707486	1.26041	1.26041	0.0490047	1.29383	1.29383	0.238903	1.15185	1.15185	0.118122	1.21468	1.21468	0.0277674	1.34734	1.34734
cg24568245	ATM;NPAT	0.0198657	0.49601	1.65947	1.65947	0.939714	0.946085	-1.05699	0.689248	0.744881	-1.3425	?	?	?	?	?	?
cg24030675	ATM;NPAT	0.0331727	0.445075	1.26014	1.26014	0.762961	1.094	1.094	0.00191463	0.271109	-3.68855	0.27238	1.40401	1.40401	0.232571	0.689475	-1.45038
cg03165700	ATM;NPAT	0.0420421	0.176464	1.63421	1.63421	0.0215012	2.57007	2.57007	0.736192	1.12252	1.12252	0.739991	1.12057	1.12057	0.0726694	0.504363	-1.9827
cg18391757	ATM;NPAT	0.0455958	0.149471	1.23763	1.23763	0.0112594	0.645347	-1.54955	0.58982	0.927673	-1.07797	0.17907	0.82128	-1.21761	0.0111517	0.644792	-1.55089
cg12019961	ATM;NPAT	0.0497388	0.020728	0.271767	-3.67963	0.138334	2.10954	2.10954	0.0189868	3.77636	3.77636	0.0454973	0.341964	-2.92429	0.904342	1.05786	1.05786
cg02105423	ATM;NPAT	0.0497428	0.99831	0.999821	-1.00018	0.235106	0.900249	-1.1108	0.187362	0.888698	-1.12524	0.035968	1.22878	1.22878	0.00534699	1.36318	1.36318
cg08120592	ATMIN	0.000904394	4.93E-05	0.0424316	-23.5673	0.529564	1.30212	1.30212	?	?	?	0.619768	1.23039	1.23039	0.0435013	2.61768	2.61768
cg10358212	ATMIN	0.00140171	0.156291	1.23826	1.23826	0.0129087	1.54488	1.54488	0.334349	1.15062	1.15062	0.00921594	1.59331	1.59331	0.0268398	1.44706	1.44706
cg09080729	ATMIN	0.0037619	0.087372	1.41704	1.41704	0.000239873	0.325363	-3.07349	0.0204763	0.597046	-1.67491	0.0290307	1.60846	1.60846	0.263368	1.2403	1.2403
cg00291054	ATMIN	0.0308121	0.0149269	0.279698	-3.57529	0.997227	0.998522	-1.00148	0.0823345	2.2685	2.2685	0.0859529	2.24263	2.24263	0.556082	1.28842	1.28842
cg03251054	ATMIN	0.0420859	0.363804	1.36648	1.36648	0.110012	1.80075	1.80075	0.330367	1.3997	1.3997	0.0271284	0.408546	-2.44771	0.556337	1.21967	1.21967
cg10492129	ATMIN	0.0459843	0.32231	0.73103	-1.36793	0.120124	1.67644	1.67644	0.00425817	3.22875	3.22875	0.218044	1.48744	1.48744	0.140514	0.615168	-1.62557
cg17762331	ATN1	0.0152901	0.918256	0.980038	-1.02037	0.249712	0.789557	-1.26653	0.199285	1.30524	1.30524	0.00137237	0.401734	-2.48921	0.875493	0.969671	-1.03128
cg24768463	ATN1;ATN1	0.00165231	0.0255618	1.64736	1.64736	0.056707	0.66642	-1.50056	0.0196525	1.69946	1.69946	0.399416	0.850172	-1.17623	0.00333165	0.471489	-2.12094
cg00476608	ATN1;ATN1	0.00745481	0.456227	0.775866	-1.28888	0.819603	0.926452	-1.07939	0.0297465	0.42507	-2.35255	0.37282	1.35795	1.35795	0.00338012	0.263697	-3.79223
cg14996263	ATN1;ATN1	0.0252415	0.0473235	0.507306	-1.9712	0.0227108	2.26055	2.26055	0.526588	0.825403	-1.21153	0.168879	1.55022	1.55022	0.0161437	0.414687	-2.41146
cg24418063	ATN1;ATN1	0.0411585	0.00620757	0.286559	-3.48968	0.0199656	0.373911	-2.67443	0.88276	0.949624	-1.05305	0.0161096	0.356491	-2.80512	0.308736	0.691419	-1.4463
cg11158239	ATN1;ATN1	0.0442559	0.0764706	0.759842	-1.31606	0.00777517	0.621073	-1.61012	0.232785	0.839983	-1.1905	0.368789	0.879286	-1.13729	0.174712	1.22285	1.22285
cg02943720	ATN1;ATN1	0.0461487	0.706166	0.822383	-1.21598	0.316857	1.70616	1.70616	0.329562	1.68119	1.68119	0.0286177	0.263627	-3.79323	0.932048	0.956924	-1.04502
cg22548551	ATN1;ATN1	0.048557	0.352841	1.46546	1.46546	0.0406738	2.57208	2.57208	0.0804821	2.17061	2.17061	0.139431	1.88853	1.88853	0.273434	0.63406	-1.57714
cg21855450	ATN1;ATN1;ATN1	0.0111137	0.204742	1.49672	1.49672	0.353635	0.750049	-1.33325	0.769676	1.09252	1.09252	0.0157757	0.410058	-2.43868	0.00835173	0.362133	-2.76141
cg03369807	ATOH1	0.000478298	0.00274245	3.35703	3.35703	0.000503089	4.92118	4.92118	0.000650947	4.62515	4.62515	0.950718	0.982055	-1.01827	0.361126	1.31656	1.31656
cg13511000	ATOH1	0.00107934	0.898475	0.959458	-1.04226	0.738045	1.11497	1.11497	0.009139	2.92581	2.92581	0.225124	1.51147	1.51147	0.31558	0.714304	-1.39996
cg13316430	ATOH1	0.00183816	0.950639	1.01668	1.01668	0.190122	1.44903	1.44903	0.130871	1.54652	1.54652	0.0976486	0.615237	-1.62539	0.572123	0.858488	-1.16484
cg04796189	ATOH1	0.0107462	0.803338	0.942909	-1.06055	0.00181284	2.84279	2.84279	0.00802009	2.22633	2.22633	0.154776	0.698528	-1.43158	0.968088	0.990619	-1.00947
cg25367352	ATOH1	0.0403111	0.49136	1.12698	1.12698	0.0167704	1.64746	1.64746	0.582955	1.09948	1.09948	0.812539	0.960183	-1.04147	0.982183	0.996188	-1.00383
cg16407139	ATOH7	0.0132137	0.53624	1.15892	1.15892	0.00319194	0.387493	-2.58069	0.00248868	0.371638	-2.69079	0.0827899	1.57202	1.57202	0.493716	0.849025	-1.17782
cg19956166	ATOH8	0.000186485	0.165938	0.768346	-1.3015	0.117849	1.35378	1.35378	0.431837	1.15383	1.15383	0.474512	0.878338	-1.13851	0.281891	0.819172	-1.22074
cg14141912	ATOH8	0.0106555	0.0236411	0.327782	-3.05081	0.000343649	0.0926491	-10.7934	0.104145	0.480254	-2.08223	0.902979	1.05163	1.05163	0.0173746	0.302485	-3.30595
cg06897686	ATOH8	0.0232928	0.00922528	0.627797	-1.59287	0.344402	0.871807	-1.14704	0.847318	0.973213	-1.02752	0.191565	0.823036	-1.21501	0.31587	1.15728	1.15728
cg14558812	ATOH8	0.0301388	0.00577876	0.58445	-1.71101	0.287832	0.848832	-1.17809	0.461236	0.894577	-1.11785	0.00531628	0.579563	-1.72544	0.0536276	0.722176	-1.3847
cg01751470	ATOH8	0.0332257	0.0390958	0.596471	-1.67653	0.197911	1.34244	1.34244	0.840182	1.04466	1.04466	0.146307	0.713589	-1.40137	0.555797	0.879029	-1.13762
cg00572504	ATOH8	0.0376969	0.0140085	0.152463	-6.55897	0.0566604	0.262527	-3.80913	0.0713606	0.286957	-3.48484	0.540473	0.681035	-1.46835	0.00335643	0.084257	-11.8685
cg05318142	ATOH8	0.0404862	0.270988	0.711235	-1.406	0.57911	1.18127	1.18127	0.866201	0.951097	-1.05142	0.370143	1.31474	1.31474	0.0546748	0.523067	-1.9118
cg16405078	ATOX1	0.000252811	4.00E-06	0.0886733	-11.2774	0.0638252	1.60186	1.60186	0.299943	1.27499	1.27499	0.0920245	1.52112	1.52112	0.171391	1.39003	1.39003
cg19821940	ATOX1	0.0010095	0.83647	0.941818	-1.06178	0.154047	0.642388	-1.55669	0.239139	1.42979	1.42979	0.000308391	0.182934	-5.46644	0.74131	0.908392	-1.10085
cg18321631	ATOX1	0.0116811	0.131757	0.820237	-1.21916	0.881386	1.01835	1.01835	0.609223	0.939134	-1.06481	0.0739752	1.27451	1.27451	0.0667072	1.28455	1.28455
cg21101222	ATOX1;ATOX1	0.00270843	0.32278	0.864641	-1.15655	0.632222	1.07108	1.07108	0.787815	0.962312	-1.03916	0.378269	0.879209	-1.13739	0.0739813	0.753085	-1.32787
cg16389285	ATP10A	0.000241667	0.484982	1.31702	1.31702	0.147276	1.82848	1.82848	0.939805	1.02974	1.02974	0.425265	1.37159	1.37159	?	?	?
cg13492826	ATP10A	0.000317284	0.525019	1.16817	1.16817	0.26333	0.754729	-1.32498	0.513312	1.17348	1.17348	0.504908	1.17736	1.17736	6.94E-05	0.173127	-5.7761
cg03307893	ATP10A	0.000344325	0.188826	0.864265	-1.15705	0.0122968	1.38639	1.38639	0.00163303	0.623251	-1.60449	0.0013659	0.614542	-1.62723	0.423614	0.91793	-1.08941
cg02245837	ATP10A	0.000871705	0.0133265	0.682694	-1.46478	0.757445	1.03932	1.03932	0.950237	0.99226	-1.0078	0.00011665	0.431527	-2.31735	0.0439255	1.33411	1.33411
cg09984339	ATP10A	0.00214802	0.534596	0.94372	-1.05964	0.00266221	1.46624	1.46624	0.000735423	1.60387	1.60387	0.018565	0.768813	-1.30071	0.399114	1.08275	1.08275
cg09454187	ATP10A	0.00217483	0.710671	0.952661	-1.04969	0.534901	1.08523	1.08523	4.19E-05	0.362365	-2.75965	0.460699	1.10269	1.10269	0.661294	1.05906	1.05906
cg11015241	ATP10A	0.00233311	0.159909	1.10609	1.10609	0.802088	0.983277	-1.01701	0.534201	0.958607	-1.04318	0.272039	0.926097	-1.0798	0.00864388	1.25208	1.25208
cg15523238	ATP10A	0.00246913	0.00766081	0.642458	-1.55652	0.00103359	0.533961	-1.8728	0.00364708	0.601917	-1.66136	0.0165798	0.685401	-1.459	0.000621327	0.506757	-1.97333
cg01372572	ATP10A	0.00313001	0.446233	1.13055	1.13055	0.00050432	2.3615	2.3615	0.133875	1.29109	1.29109	0.090339	1.34305	1.34305	0.30587	0.84574	-1.1824
cg06066676	ATP10A	0.00357916	0.0509493	0.714804	-1.39898	0.00535928	1.73985	1.73985	0.00558028	0.577147	-1.73266	0.00628527	1.71178	1.71178	0.021011	0.657554	-1.52079
cg11442877	ATP10A	0.00621123	0.0322687	0.579258	-1.72635	0.00397279	2.32423	2.32423	0.443598	0.843583	-1.18542	0.296758	0.79011	-1.26565	0.0010309	0.346839	-2.88318
cg27323557	ATP10A	0.0117291	0.054005	0.628974	-1.58989	0.00511601	0.456511	-2.19053	0.0772463	0.659396	-1.51654	0.603932	1.11733	1.11733	0.026563	1.74594	1.74594
cg13356455	ATP10A	0.0126097	0.0951483	0.496095	-2.01574	0.000698673	0.138542	-7.21802	0.44428	0.742199	-1.34735	0.872837	0.940603	-1.06315	0.0238825	0.356837	-2.8024
cg23158862	ATP10A	0.0127736	0.768504	1.04986	1.04986	0.0265124	0.648188	-1.54276	0.023653	0.640584	-1.56108	0.0183866	1.60252	1.60252	0.0168616	0.618386	-1.61711
cg03924551	ATP10A	0.0147887	0.0135038	0.215878	-4.63225	0.00190523	0.110238	-9.07126	0.0471841	0.32024	-3.12265	0.809598	0.886009	-1.12866	0.0344435	0.290322	-3.44446
cg16397021	ATP10A	0.0202961	0.629876	1.16698	1.16698	0.246297	1.47046	1.47046	0.185941	1.56202	1.56202	0.0961316	0.559298	-1.78795	0.00302871	0.274682	-3.64057
cg26879349	ATP10A	0.0225289	0.67754	0.903959	-1.10624	0.00570497	2.39959	2.39959	0.0298804	0.539559	-1.85336	0.346711	0.791383	-1.26361	0.485001	0.842539	-1.18689
cg07986058	ATP10A	0.0235484	0.0294463	0.156486	-6.39037	0.00525477	0.0697939	-14.3279	0.0111589	0.1002	-9.98003	0.0283588	0.153846	-6.49999	0.0140121	0.111434	-8.97392
cg26478036	ATP10A	0.0237187	0.0419997	0.502181	-1.99131	0.0363097	0.488999	-2.04499	0.265405	0.710954	-1.40656	0.0604479	0.536698	-1.86325	0.00400742	0.320901	-3.11623
cg07470694	ATP10A	0.0241081	0.108267	2.57551	2.57551	0.0418603	3.54802	3.54802	0.0851021	0.357743	-2.7953	0.144401	0.428884	-2.33163	0.533842	0.711611	-1.40526
cg25703338	ATP10A	0.0241299	0.0195034	0.352417	-2.83755	0.0421299	2.37487	2.37487	0.860097	0.936908	-1.06734	0.14215	0.558253	-1.7913	0.0019379	0.197889	-5.05334
cg23880822	ATP10A	0.0275219	0.42723	0.845992	-1.18204	0.00143902	2.58707	2.58707	0.297985	1.24931	1.24931	0.323417	1.2342	1.2342	0.0292761	1.69864	1.69864
cg18939241	ATP10A	0.0278841	0.971936	1.00976	1.00976	0.0669378	1.76272	1.76272	0.0108802	0.413759	-2.41686	0.538168	0.841949	-1.18772	0.412955	0.793716	-1.2599
cg07489029	ATP10A	0.028205	0.72352	0.912346	-1.09608	0.0775222	1.65993	1.65993	0.170238	0.685751	-1.45826	0.213779	1.40227	1.40227	0.747049	1.08717	1.08717
cg10734665	ATP10A	0.029799	0.0143955	0.232664	-4.29805	0.563768	1.32591	1.32591	0.82513	0.898554	-1.1129	0.0260302	0.278902	-3.58549	0.160156	0.484144	-2.0655

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02446225	0.355548	1.49708	1.49708	0.0444421	0.375286	-2.66463	0.865744	1.07449	1.07449	0.00453246	0.200735	-4.98169	3.60699	10.2989	2.53801	1
cg14951955	0.000758507	0.336932	-2.96796	0.00020314	0.265097	-3.77221	0.739446	1.07373	1.07373	0.0711275	1.53669	1.53669	14.0921	10.1373	0.639433	1
cg14764792	0.00743411	0.390996	-2.55757	0.512135	0.834356	-1.19853	0.366535	1.28748	1.28748	0.000470014	0.223774	-4.4688	12.764	14.9989	1.04453	1
cg14790600	0.0607054	0.74609	-1.34032	0.0185146	1.48534	1.48534	0.234575	1.18838	1.18838	0.0119286	0.647511	-1.54437	10.1064	3.0713	0.270131	1
cg09354267	0.0881216	0.608044	-1.64462	0.00107284	0.278792	-3.58691	0.00239185	3.06122	3.06122	0.383697	0.789673	-1.26635	9.6046	10.631	0.983878	1
cg09443553	0.545513	1.06793	1.06793	0.0191344	1.35605	1.35605	0.0186921	1.3582	1.3582	0.0762391	0.809048	-1.23602	6.82313	1.24695	0.162447	1
cg21148531	0.000944307	0.146424	-6.82946	0.366387	0.696588	-1.43557	0.136318	1.86892	1.86892	0.247097	1.60245	1.60245	6.02251	14.4799	2.13715	1
cg13829924	0.123566	0.712858	-1.4028	0.0115759	0.526968	-1.89765	0.0759225	0.66978	-1.49303	0.923876	1.01958	1.01958	5.40783	3.52668	0.579683	1
cg11532971	0.626702	1.06319	1.06319	0.0149016	1.45401	1.45401	0.0486755	0.754663	-1.32509	0.126376	0.813249	-1.22964	4.0503	1.00243	0.219996	1
cg10566763	0.583544	1.10399	1.10399	0.00118741	0.427666	-2.33827	0.755594	0.945731	-1.05738	0.862847	1.03138	1.03138	3.82252	1.93322	0.44955	1
cg24146269	6.40E-07	0.230243	-4.34323	0.463625	0.922694	-1.08378	0.00275186	0.640442	-1.56142	0.000931506	0.586847	-1.70402	45.4341	8.37068	0.163767	1
cg12901291	0.395655	1.10213	1.10213	0.949186	0.992901	-1.00715	0.838525	0.977448	-1.02307	1.54E-06	0.25722	-3.88772	28.2	5.58145	0.175933	1
cg01796438	5.18E-05	0.257345	-3.88583	0.000994514	0.416114	-2.40319	0.0233024	0.615052	-1.62588	0.000902484	0.410477	-2.43619	18.7943	9.56772	0.452512	1
cg00977707	0.0712427	0.546065	-1.83128	1.04E-05	0.0589241	-16.971	0.000735121	0.214324	-4.66584	0.00064391	0.207549	-4.81813	17.0582	24.359	1.26932	1
cg05791356	0.000485023	0.557822	-1.79269	0.315433	1.11714	1.11714	0.182427	0.859845	-1.163	0.0859964	0.81672	-1.22441	8.86257	1.59841	0.160315	1
cg00170343	0.0202551	0.556248	-1.79776	0.751887	0.935704	-1.06871	0.271164	1.27129	1.27129	0.00217891	0.406198	-2.46185	7.65544	5.32287	0.61805	1
cg03452625	0.0422368	0.393924	-2.53856	0.000434296	0.109177	-9.15941	0.00169839	0.167814	-5.95897	0.0210152	0.331115	-3.0201	7.35801	18.4731	2.23165	1
cg15139163	0.139984	0.43768	-2.28477	0.00217455	0.106664	-9.37528	0.168947	0.466441	-2.14389	0.025557	0.251456	-3.97684	6.49244	27.8402	3.81165	1
cg06592829	0.443996	0.816604	-1.22458	0.796502	1.06939	1.06939	0.0634442	0.581678	-1.71916	0.585232	0.866689	-1.15382	5.50024	5.87124	0.948846	1
cg13430678	0.00768368	1.52439	1.52439	0.00122292	1.79003	1.79003	0.696494	1.04943	1.04943	0.826066	1.02746	1.02746	5.32948	1.27852	0.21324	1
cg24705426	0.330409	0.68837	-1.45271	0.0177594	0.342388	-2.92067	0.69587	1.15727	1.15727	0.023894	0.367087	-2.72415	4.95116	10.8409	1.94628	1
cg26389380	0.0273691	2.3249	2.3249	0.206477	0.650058	-1.53832	0.00753574	3.03864	3.03864	0.155392	0.611769	-1.6346	4.16077	6.88473	1.47082	1
cg05672923	0.0218979	1.3889	1.3889	0.00152075	1.72525	1.72525	0.390081	1.11094	1.11094	0.744307	0.96166	-1.03987	4.12569	0.932366	0.20088	1
cg14339991	0.187975	0.377348	-2.65007	0.0630359	0.232069	-4.30907	0.0144087	0.121631	-8.22158	0.0861572	0.265944	-3.76019	4.00352	30.9396	6.86943	1
cg18146954	0.968057	0.991516	-1.00856	0.106177	1.45564	1.45564	0.849	1.04139	1.04139	0.183605	0.740677	-1.35012	3.66117	2.62535	0.637403	1
cg02756706	0.941044	0.984324	-1.01593	0.000947881	0.348988	-2.86542	0.165846	1.37119	1.37119	0.0313152	1.71532	1.71532	4.69196	3.39095	0.642413	1
cg13603203	0.000237931	0.213677	-4.67996	0.121737	1.53013	1.53013	0.197392	0.707864	-1.4127	0.00511624	0.391451	-2.55459	7.64717	7.78658	0.905094	1
cg01866897	0.398318	0.864967	-1.15611	0.00417618	1.90384	1.90384	0.0719428	0.713928	-1.4007	0.209157	0.800863	-1.24865	4.778	2.12941	0.396152	1
cg00537910	0.0844255	1.35842	1.35842	0.298026	1.18901	1.18901	0.355964	1.1646	1.1646	0.393333	1.15065	1.15065	4.03345	1.64521	0.36257	1
cg12229082	0.0336503	0.46058	-2.17117	0.00245557	0.268089	-3.73011	0.000407753	0.172939	-5.78239	0.142086	0.610693	-1.63748	8.04766	12.4437	1.37444	1
cg01068407	0.725716	1.0748	1.0748	0.720471	0.929057	-1.07636	0.0103843	0.516341	-1.9367	0.0164379	0.548585	-1.82287	4.473	2.97118	0.590442	1
cg01081096	0.000897546	0.305465	-3.27369	0.00012434	0.202735	-4.93254	0.0005371	0.276717	-3.6138	0.0177419	0.50265	-1.98946	17.4803	15.7573	0.801273	1
cg09519327	0.872913	0.856072	-1.16813	0.0395483	10.0855	10.0855	0.097648	5.837	5.837	0.00707894	29.3217	29.3217	3.82901	57.1485	13.2668	1
cg02027878	0.706795	1.31315	1.31315	0.00261137	20.1947	20.1947	0.0703043	4.29959	4.29959	0.0454606	5.22724	5.22724	3.81136	31.3716	7.31652	1
cg10411146	0.926382	0.981906	-1.01843	0.765232	0.942546	-1.06096	0.649906	1.09449	1.09449	0.000265247	0.306223	-3.26559	20.001	12.3666	0.549597	1
cg07314988	0.0223991	1.87775	1.87775	3.82E-05	6.16775	6.16775	0.0110187	2.08427	2.08427	0.963627	0.989553	-1.01056	8.94057	7.51002	0.746661	1
cg06169760	0.687334	1.07862	1.07862	0.0146718	0.570075	-1.75415	0.810052	0.955956	-1.04607	0.923334	1.01817	1.01817	7.24374	4.01423	0.492592	1
cg23029851	0.0179874	0.433488	-2.30687	0.00241671	0.292731	-3.41611	0.00246781	0.294018	-3.40115	0.334188	0.748536	-1.33594	5.9263	7.93681	1.19045	1
cg10261205	0.442188	0.679845	-1.47092	0.0307236	3.48962	3.48962	0.196993	0.510846	-1.95754	0.00880473	0.193474	-5.16865	4.81142	18.4795	3.41401	1
cg08596595	0.957129	0.991743	-1.00833	0.00108974	2.10287	2.10287	0.391304	0.873311	-1.14507	0.61037	0.923803	-1.08248	4.28512	1.6143	0.334865	1
cg24934413	0.0628083	0.512337	-1.95184	0.0467901	0.483259	-2.06928	0.0124988	0.370565	-2.69858	0.564383	0.830156	-1.20459	3.65308	5.905	1.43684	1
cg16935258	0.152422	1.27859	1.27859	0.00898757	1.70339	1.70339	0.000765665	0.441675	-2.26411	0.000392988	0.404358	-2.47306	18.6358	7.58672	0.361871	1
cg06417454	0.021885	1.48847	1.48847	2.60E-05	0.299831	-3.33521	0.0522412	1.37612	1.37612	0.477828	1.11	1.11	14.4149	4.77405	0.294389	1
cg01280080	0.595031	0.829315	-1.20581	0.0264071	0.399173	-2.50518	0.00907361	3.17948	3.17948	0.0483851	0.455296	-2.19637	5.76136	11.1043	1.71322	1
cg24933605	0.0106934	0.676655	-1.47786	0.0131793	0.687887	-1.45373	0.858661	1.02194	1.02194	0.0731213	1.27547	1.27547	4.82414	1.13232	0.20864	1
cg21270243	0.0125704	0.0949287	-10.5342	0.00234245	0.0398693	-25.082	?	?	?	0.0576894	0.196277	-5.09485	4.85856	39.367	8.10261	1
cg10535143	0.77619	0.972712	-1.02805	0.972704	1.00333	1.00333	0.0892115	1.19953	1.19953	0.0927481	1.19668	1.19668	4.22305	0.630197	0.132647	1
cg06525280	0.531367	0.750157	-1.33306	0.0251072	0.298802	-3.34669	0.0505591	2.74634	2.74634	0.0673377	0.39475	-2.53325	4.05509	13.2031	2.89417	1
cg26668858	0.356004	0.869273	-1.15039	0.825121	1.0332	1.0332	0.000595228	0.457405	-2.18625	0.0116562	0.628012	-1.59233	33.0923	10.1445	0.306551	1
cg21512817	0.011226	0.650117	-1.53819	0.00713229	0.624364	-1.60163	0.901117	0.983293	-1.01699	0.217958	0.838903	-1.19203	4.24614	1.23549	0.258639	1
cg21008040	0.336783	1.14776	1.14776	0.00359582	1.73083	1.73083	0.0102671	1.56856	1.56856	0.0142565	0.656632	-1.52292	5.66204	1.73645	0.272606	1
cg21509551	0.197009	0.905558	-1.10429	0.00214951	0.730913	-1.36815	0.107277	0.879974	-1.1364	0.284615	0.922337	-1.0842	3.53488	0.296178	0.0744775	1
cg20091107	?	?	?	0.948307	0.992518	-1.00754	?	?	?	0.00311983	0.555907	-1.79886	214.368	23.2229	0.108332	1
cg11111835	0.00488353	0.58468	-1.71034	0.310645	1.16289	1.16289	0.0289409	1.44841	1.44841	0.214342	0.828563	-1.20691	5.83499	1.91247	0.291342	1
cg05132905	0.066341	0.689756	-1.44979	0.0110864	0.563016	-1.77615	0.662182	0.923771	-1.08252	0.0259673	0.620826	-1.61076	5.2333	2.69618	0.457953	1
cg27042081	0.0235703	0.715747	-1.39714	2.68E-07	0.151874	-6.58439	0.688418	0.951364	-1.05112	0.0537438	0.762693	-1.31114	29.9562	7.25806	0.215368	1
cg26412374	0.100425	0.629739	-1.58796	5.10E-06	0.0695588	-14.3763	4.31E-05	0.135868	-7.3601	0.000305118	0.221487	-4.51494	25.3834	26.5452	0.929576	1
cg19458497	0.300529	1.2406	1.2406	0.00316728	2.24836	2.24836	1.34E-05	6.24609	6.24609	0.00161989	2.4794	2.4794	18.4949	11.8301	0.568567	1
cg10620898	0.00333676	0.442905	-2.25782	0.000878404	0.361732	-2.76447	0.903146	0.975488	-1.02513	0.0194868	0.562329	-1.77832	8.92538	5.8749	0.585088	1
cg12320322	0.0947601	1.18582	1.18582	0.000464475	0.599853	-1.66708	0.0639332	0.824255	-1.21322	0.20029	1.13379	1.13379	7.62678	1.04062	0.121283	1
cg14589563	0.399092	0.83296	-1.20054	0.0116348	0.512897	-1.94971	0.955524	1.01188	1.01188	0.835143	0.95684	-1.04511	5.94935	4.22339	0.631014	1
cg18550212	0.0648349	0.575957	-1.73624	0.00936653	0.416157	-2.40294	0.394236	1.26135	1.26135	0.0361784	0.523003	-1.91203	5.8478	6.55655	0.996622	1
cg15622309	0.158702	0.874929	-1.14295	0.00597122	0.727052	-1.37542	0.621006	1.04519	1.04519	0.243909	1.11419	1.11419	3.95931	0.493212	0.110729	1
cg27627854	0.00795945	0.559609	-1.78696	0.28181	1.21028	1.21028	0.132222	1.31945	1.31945	0.993559	0.998624	-1.00138	9.2812	4.27965	0.409875	1
cg19643901	0.490189	0.912283	-1.09615	0.0123468	0.664949	-1.50387	0.494642	1.09509	1.09509	0.0412673	0.734648	-1.3612	8.78874	2.38802	0.241523	1
cg15535686	0.0136947	0.474233	-2.10867	0.00512082	0.404513	-2.47211	0.342805	1.2702	1.2702	0.0187456	0.498048	-2.00784	6.92171	6.5654	0.843131	1
cg17066171	0.602379	0.852312	-1.17328	0.130855	0.608987	-1.64207	0.000393279	5.56665	5.56665	0.892204	1.04208	1.04208	6.11967	8.95848	1.30123	1
cg06750635	0.0202696	2.14554	2.14554	0.00519588	0.365676	-2.73466	0.919693	1.02789	1.02789	6.46E-07	0.0244905	-40.8321	27.1154	31.9471	1.04728	1
cg03569616	3.16E-05	0.310016	-3.22564	0.00172249	0.524193	-1.90769	0.274065	0.848437	-1.17864	0.0463511	1.39037	1.39037	21.3016	7.03587	0.293598	1
cg01991180	0.0236763	0.631518	-1.58349	0.000155908	0.332295	-3.00938	3.22E-05	0.252461	-3.961	0.000645063	0.41031	-2.43718	14.5129	6.65582	0.407658	1
cg05637308	0.00181285	0.47593	-2.10115	0.323345	0.843001	-1.18624	0.697786	0.936756	-1.06751	0.621597	1.08687	1.08687	10.3952	4.61508	0.394634	1
cg06053805	0.00102652	0.13212	-7.56887	?	?	?	0.087109	1.48622	1.48622	?	?	?	97.0913	20.1802	0.124708	1
cg15504467	0.285948	0.866626	-1.1539	0.0586511	0.758885	-1.31772	0.0831053	1.28125	1.28125	0.0220291	1.42584	1.42584	6.89027	1.82084	0.2349	1
cg27453365	0.162851	0.782617	-1.27776	0.000384791	0.39369	-2.54007	0.0018482	0.483202	-2.06953	0.0728798	0.719504	-1.38985	6.50305	2.78829	0.381126	1
cg14761454	0.203438	0.503696	-1.98532	0.00215162	0.110668	-9.03603	0.00225159	0.112551	-8.88484	0.0150933	0.217505	-4.59759	6.44562	26.6409	3.67394	1
cg12848864	0.641408	1.14151	1.14151	0.459017	0.808354	-1.23708	0.533218	1.19493	1.19493	0.563306	1.17925	1.17925	6.03604	7.6121	1.12099	1
cg23275463	?	?	?	0.141652	0.651191	-1.53565	0.238679	1.39791	1.39791	0.560295	1.17334	1.17334	5.10133	4.62993	1.03725	1
cg25740661	0.00578659	1.51344	1.51344	0.0296081	0.745625	-1.34116	0.251757	0.871768	-1.14709	0.26148	1.14364	1.14364	4.75971	0.990304	0.184942	1
cg24568245	0.144337	3.15522	3.15522	0.000727147	0.0231663	-43.1662	0.843207	0.86493	-1.15616	0.711252	1.31318	1.31318	4.90863	32.4646	7.5586	1
cg24030675	0.245907	1.43398	1.43398	0.893622	1.04054	1.04054	0.67036	1.13562	1.13562	0.0422617	2.00347	2.00347	3.94265	5.50889	1.24201	1
cg03165700	0.287996	0.685884	-1.45797	0.0163289	0.366584	-2.72788	0.701259	1.14082	1.14082	0.0833868	1.92528	1.92528	3.61598	6.69049	1.64467	1
cg18391757	0.675209	1.05985	1.05985	0.0549573	0.740658	-1.35015	0.119663	0.792218	-1.26228	0.847564	0.973802	-1.0269	3.50819	1.05727	0.267885	1
cg12019961	0.443417	0.693797	-1.44134	0.648946	0.807014	-1.23914	0.195158	0.526746	-1.89845	0.932233	1.04059	1.04059	3.39488	11.768	3.08123	1
cg02105423	0.316464	1.09139	1.09139	0.374404	1.08003	1.08003	0.203612	0.892873	-1.11998	0.499678	1.05957	1.05957	3.39478	0.383392	0.100387	1
cg08120592	0.00916586	0.253679	-3.94198	0.00588257	0.224473	-4.45489	0.444113	1.38181	1.38181	0.47807	1.34847	1.34847	12.3944	29.9801	2.41884	1
cg10358212	0.500817	0.908201	-1.10108	0.0217424	1.47429	1.47429	0.00012596	0.390291	-2.56219	0.195645	1.2127	1.2127	10.6858	3.36062	0.279551	1
cg09080729	0.304644	0.821731	-1.21694	0.31466	1.21172	1.21172	0.140862	1.33983	1.33983	0.825698	0.960083	-1.04158	7.99885	4.32151	0.480237	1
cg00291054	0.217711	0.575839	-1.7366	0.422144	0.705396	-1.41764	0.0150093	3.56993	3.56993	0.116378	0.483734	-2.06725	4.04819	11.6148	2.55035	1
cg03251054	?	?	?	0.530815	0.809008	-1.23608	0.09488	0.537631	-1.86001	0.0106237	0.32934	-3.03638	3.99709	6.11477	1.33858	1
cg10492129	0.936334	1.02478	1.02478	0.569691	0.838561	-1.19252	0.397168	1.30431	1.30431	0.100454	0.576124	-1.73574	3.49704	5.20095	1.32199	1
cg17762331	0.731316	1.07005	1.07005	0.225455	1.28408	1.28408	0.748874	1.06512	1.06512	0.00654318	2.00148	2.00148	5.14796	3.14552	0.543131	1
cg24768463	0.042108	0.64364	-1.55366	0.000270254	0.325022	-3.07672	0.103552	1.39791	1.39791	0.202992	0.776573	-1.28771	10.1913	5.71437	0.498409	1
cg00476608	0.801544	1.08788	1.08788	0.000402864	0.15234	-6.56428	0.530127	1.23701	1.23701	0.12606	0.574898	-1.73944	6.48627	11.4895	1.57453	1
cg14996263	0.210141	0.673711	-1.48432	0.0564858	0.524257	-1.90746	0.0927843	1.73868	1.73868	0.683803	0.884741	-1.13027	4.34268	6.15145	1.25912	1
cg24418063	0.01704	0.360984	-2.77021	0.837055	0.930407	-1.0748	0.856656	0.938629	-1.06538	0.47144	0.773683	-1.29252	3.64453	7.08211	1.7273	1
cg11158239	0.595604	1.07751	1.07751	0.0152183	0.660049	-1.51504	0.0824869	0.764874	-1.30741	0.896827	1.01824	1.01824	3.54758	1.09126	0.273428	1
cg02943720	?	?	?	?	?	?	0.0143564	4.75094	4.75094	0.0619704	2.95978	2.95978	3.61099	11.8571	3.75271	1
cg22548551	0.458526	0.739532	-1.35221	0.266235	0.629341	-1.58896	0.00567198	4.26592	4.26592	0.417688	1.39246	1.39246	3.42599	8.67073	2.24966	1
cg21855450	0.00128469	0.243077	-4.11393	0.475606	1.24437	1.24437	0.554205	1.19759	1.19759	0.29673	1.38548	1.38548	5.71355	8.21872	1.27863	1
cg03369807	0.622795	0.864808	-1.15633	0.341659	0.75048	-1.33248	3.74E-05	10.1873	10.1873	0.254797	1.4167	1.4167	14.4674	19.6654	1.20825	1
cg13511000	0.936505	0.974498	-1.02617	0.165346	0.618916	-1.61573	1.68E-05	17.5798	17.5798	0.170828	1.60456	1.60456	11.5142	19.1708	1.47998	1
cg13316430	0.0308562	0.507822	-1.96919	0.0579747	1.77328	1.77328	6.41E-05	7.12924	7.12924	0.0190337	2.13557	2.13557	9.88145	11.1805	1.00574	1
cg04796189	0.390703	0.812853	-1.23023	0.390582	0.812808	-1.2303	0.0270815	1.85242	1.85242	0.0258343	1.86536	1.86536	5.77575	5.07729	0.781396	1
cg25367352	0.463251	1.1362	1.1362	0.3513	1.17829	1.17829	0.00431112	1.92072	1.92072	0.00771768	1.79564	1.79564	3.67264	1.70138	0.411785	1
cg16407139	0.10244	1.52322	1.52322	0.486835	0.846736	-1.18101	0.63205	1.12031	1.12031	0.975572	1.00724	1.00724	5.40128	4.74344	0.780627	1
cg19956166	0.0504667	0.671915	-1.48828	2.00E-06	0.123266	-8.11252	0.359925	1.1828	1.1828	0.40083	1.16577	1.16577	18.7228	9.43348	0.447867	1
cg14141912	0.108781	0.485753	-2.05866	0.0236238	0.32772	-3.05139	0.498158	0.752851	-1.32828	0.0953647	0.469362	-2.13055	5.79152	15.6312	2.3991	1
cg06897686	0.481696	1.10598	1.10598	0.339058	0.870396	-1.1489	0.279997	1.17139	1.17139	0.00311999	1.76719	1.76719	4.46533	1.40324	0.279335	1
cg14558812	0.0984371	0.764025	-1.30886	0.0245454	0.671804	-1.48853	0.0365491	0.697077	-1.43456	0.981516	1.00345	1.00345	4.08013	1.42536	0.310525	1
cg01751470	0.552368	0.878022	-1.13892	0.00134916	0.365122	-2.73881	0.0913206	0.668717	-1.4954	0.368687	0.818897	-1.22115	3.94039	2.92236	0.659238	1
cg00572504	0.444822	0.617013	-1.62071	0.0205887	0.177469	-5.63479	0.5054	0.657745	-1.52035	0.095162	0.320884	-3.11639	3.76414	22.9099	5.41008	1
cg05318142	0.0731352	0.551991	-1.81163	0.00435447	0.322175	-3.1039	0.0146854	0.409381	-2.44271	0.606468	0.856848	-1.16707	3.66677	5.13395	1.24456	1
cg16405078	0.0366181	0.577391	-1.73193	0.75746	1.07257	1.07257	0.82918	0.95231	-1.05008	0.327057	1.25711	1.25711	17.2374	13.963	0.72004	1
cg19821940	0.000172437	0.157163	-6.3628	0.225987	0.691603	-1.44592	0.00994426	2.57093	2.57093	0.114729	1.64458	1.64458	11.735	15.6332	1.18416	1
cg18321631	0.307216	1.1374	1.1374	0.00158707	0.575681	-1.73707	0.17135	1.19409	1.19409	0.017624	1.42148	1.42148	5.62237	1.32107	0.20886	1
cg21101222	0.105215	0.777179	-1.28671	2.66E-05	0.306461	-3.26305	0.328607	0.866245	-1.15441	0.99158	1.0015	1.0015	8.82126	2.83312	0.285484	1
cg16389285	0.0375257	2.5511	2.5511	1.48E-05	0.0304853	-32.8027	0.000261976	0.0974324	-10.2635	0.9036	0.954069	-1.04814	17.8861	37.9191	2.12004	1
cg13492826	6.20E-05	0.168337	-5.94047	0.0151606	2.05432	2.05432	0.0288257	1.86274	1.86274	0.0933952	0.640617	-1.56099	16.1997	14.9408	0.81981	1
cg03307893	1.28E-05	0.382474	-2.61455	0.28845	0.890946	-1.1224	0.738341	1.03575	1.03575	0.138729	0.846202	-1.18175	15.8402	2.75444	0.154568	1
cg02245837	0.00185405	0.576937	-1.73329	0.00126049	0.556509	-1.79692	0.0059614	0.639166	-1.56454	0.0359945	0.738103	-1.35482	12.2326	3.00266	0.218191	1
cg09984339	0.328883	0.911363	-1.09726	0.0108929	0.744975	-1.34233	0.12679	1.16429	1.16429	0.0212879	1.29038	1.29038	9.44309	1.26871	0.119425	1
cg09454187	0.659511	0.943927	-1.0594	0.0836158	1.28302	1.28302	0.0382015	1.36705	1.36705	0.754704	1.04164	1.04164	9.4089	2.52422	0.238471	1
cg11015241	0.811122	1.01621	1.01621	4.12E-05	1.69032	1.69032	0.116724	1.12125	1.12125	0.741898	1.02244	1.02244	9.21727	0.658266	0.0634814	1
cg15523238	0.128265	0.808772	-1.23644	0.000916126	0.527502	-1.89573	0.142578	0.815908	-1.22563	0.059378	0.759773	-1.31618	9.06512	2.39242	0.234591	1
cg01372572	0.017339	1.58084	1.58084	0.361611	1.15974	1.15974	0.0052937	1.78763	1.78763	0.0060068	0.567015	-1.76362	8.45091	3.34268	0.351592	1
cg06066676	0.908356	1.01754	1.01754	0.0144669	0.634422	-1.57624	0.295481	1.17801	1.17801	0.889275	1.02126	1.02126	8.11925	2.93226	0.321022	1
cg11442877	0.295957	1.26618	1.26618	0.090805	1.50038	1.50038	0.65078	1.10433	1.10433	0.292379	0.788291	-1.26857	6.86536	5.15629	0.667608	1
cg27323557	0.687598	0.917876	-1.08947	0.0160708	1.86742	1.86742	0.298783	0.795883	-1.25647	0.0526299	0.626841	-1.5953	5.6149	3.99634	0.632657	1
cg13356455	0.0529095	0.431279	-2.31869	0.00698963	0.263523	-3.79473	0.0167913	0.32772	-3.05138	0.284117	0.653523	-1.53017	5.48441	12.6938	2.05736	1
cg23158862	0.999159	0.999826	-1.00017	0.0095615	1.71766	1.71766	0.927024	0.985012	-1.01522	0.844334	0.968111	-1.03294	5.46137	2.35066	0.382591	1
cg03924551	0.177826	0.48775	-2.05023	0.00235363	0.119101	-8.39623	0.377291	0.634934	-1.57497	0.250838	0.547939	-1.82502	5.20505	20.7238	3.5391	1
cg16397021	0.0167969	0.395359	-2.52935	0.156584	1.61912	1.61912	0.208556	1.52439	1.52439	0.772777	0.912042	-1.09644	4.68111	7.49761	1.42371	1
cg26879349	0.569479	0.870392	-1.14891	0.00663781	0.427121	-2.34125	0.416209	1.22219	1.22219	0.534186	1.16418	1.16418	4.51693	4.17093	0.820799	1
cg07986058	0.142909	0.320181	-3.12323	0.0156048	0.117128	-8.53768	0.332488	0.485247	-2.06081	0.094899	0.265149	-3.77147	4.44853	36.8572	7.36466	1
cg26478036	0.834569	1.0634	1.0634	0.0282974	2.14061	2.14061	0.542544	0.834276	-1.19864	0.673652	0.882934	-1.13259	4.43747	6.0721	1.21633	1
cg07470694	0.414516	0.637392	-1.56889	0.00212929	0.097229	-10.285	0.41088	0.635053	-1.57467	0.656375	1.27352	1.27352	4.41253	20.3742	4.10432	1
cg25703338	0.964086	0.983504	-1.01677	0.847602	1.07366	1.07366	0.288459	0.665586	-1.50244	0.788567	1.10439	1.10439	4.41114	9.53379	1.92115	1
cg23880822	0.054109	1.5699	1.5699	0.215354	0.764099	-1.30873	0.360313	1.21413	1.21413	0.286631	1.25645	1.25645	4.21324	2.84039	0.599252	1
cg18939241	0.123646	0.631107	-1.58452	0.00347703	0.334659	-2.98812	0.405679	1.26467	1.26467	0.875144	1.04436	1.04436	4.19391	5.06027	1.07251	1
cg07489029	0.193004	1.42732	1.42732	0.00149576	0.306551	-3.2621	0.747312	1.08707	1.08707	0.29907	0.757319	-1.32045	4.17703	4.41281	0.939064	1
cg10734665	0.0388114	0.3146	-3.17864	0.00688251	0.184279	-5.42656	0.0150898	0.23608	-4.23586	0.301498	0.596031	-1.67776	4.0966	15.1603	3.28951	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01364202	ATP10A	0.037576	0.0815414	0.763465	-1.30982	0.0127338	0.648737	-1.54146	0.415747	1.12332	1.12332	0.859007	1.02517	1.02517	0.176077	0.817837	-1.22274	0.135739	1.25203	1.25203	0.0290554	1.43285	1.43285	0.283615	0.855788	-1.16851	0.107572	0.782304	-1.27828	3.76856	1.16647	0.275134	1
cg08828036	ATP10A	0.0417481	0.922451	1.03411	1.03411	0.0236397	2.53634	2.53634	0.24057	0.654934	-1.52687	0.160908	0.596999	-1.67505	0.0785073	0.510092	-1.96043	0.107856	0.546426	-1.83008	0.00856631	0.314996	-3.17464	0.184427	0.615738	-1.62407	0.79076	1.09592	1.09592	3.6254	6.8127	1.67036	1
cg17793621	ATP10A	0.0423202	0.848029	1.01365	1.01365	0.0413405	1.18094	1.18094	0.117627	0.886827	-1.12762	0.449459	1.05598	1.05598	0.111146	1.13049	1.13049	0.347183	0.933876	-1.07081	0.0655515	1.15727	1.15727	0.123647	0.888824	-1.12508	0.0137501	1.2402	1.2402	3.60715	0.28535	0.0703171	1
cg12933431	ATP10A	0.0475266	0.125189	0.695807	-1.43718	0.00531913	0.448192	-2.23118	0.391395	1.21155	1.21155	0.849273	0.959276	-1.04245	0.0105522	0.495085	-2.01985	0.333329	0.804071	-1.24367	0.966553	1.00921	1.00921	0.718453	1.08233	1.08233	0.0806035	0.654778	-1.52724	3.45387	2.61221	0.672279	1
ch.15.89498F	ATP10A	0.0480163	0.880249	0.958801	-1.04297	0.359933	1.3004	1.3004	0.00191616	3.40823	3.40823	0.945729	1.01918	1.01918	0.936374	0.977965	-1.02253	0.611732	1.15356	1.15356	0.10157	0.606383	-1.64912	0.236954	0.707663	-1.4131	0.313123	0.747395	-1.33798	3.44053	4.24382	1.09643	1
cg27087136	ATP10B	8.57E-06	8.08E-07	0.215263	-4.64548	0.188218	1.176	1.176	1.65E-05	0.356728	-2.80325	0.0797179	0.797626	-1.25372	7.62E-06	0.318772	-3.13704	0.445765	0.913591	-1.09458	0.0661414	1.27082	1.27082	0.906949	0.986496	-1.01369	0.000195058	0.482562	-2.07227	42.2199	9.03993	0.190325	1
cg09705798	ATP10B	7.03E-05	0.115919	0.653892	-1.5293	0.00010793	0.18322	-5.45791	0.00257906	0.35393	-2.82542	0.00181717	0.332184	-3.01038	0.370689	1.25675	1.25675	0.944405	1.01749	1.01749	3.57E-06	0.0669276	-14.9415	0.0151209	0.476103	-2.10039	0.000117314	0.186946	-5.34915	24.3258	23.8121	0.87012	1
cg11411564	ATP10B	0.000502896	0.567654	0.877195	-1.14	8.16E-05	0.199655	-5.00865	0.0172924	0.518053	-1.9303	0.000864501	0.321674	-3.10874	0.255534	0.763963	-1.30896	0.000939133	0.326465	-3.06312	0.0284922	1.79739	1.79739	0.0446565	0.592813	-1.68687	0.00080711	0.317726	-3.14737	14.2676	11.6255	0.724282	1
cg26125060	ATP10B	0.00051382	0.796125	1.06174	1.06174	0.00208511	0.367025	-2.72461	0.0120614	0.484649	-2.06335	0.00266414	0.382391	-2.61513	0.000466611	0.279944	-3.57214	0.00115739	0.331405	-3.01745	0.000686927	0.301333	-3.31859	0.0748989	1.58248	1.58248	0.000546537	0.288595	-3.46506	14.1828	12.0262	0.753729	1
cg08743199	ATP10B	0.00354428	0.235031	0.590589	-1.69322	0.0218296	3.20428	3.20428	0.00776284	0.235379	-4.24848	0.000521098	0.101347	-9.86709	0.703235	0.850482	-1.1758	0.0543225	0.396959	-2.51915	0.763248	0.880008	-1.13635	0.251754	0.602531	-1.65967	0.00192651	0.156072	-6.4073	8.1431	23.0897	2.52043	1
cg21136182	ATP10B	0.0108316	0.458539	0.866126	-1.15457	0.0744533	0.684934	-1.45999	0.0351468	0.626693	-1.59568	0.0207497	1.69917	1.69917	0.966683	1.00799	1.00799	0.00391397	0.477382	-2.09476	0.0122638	1.81128	1.81128	0.359365	0.835729	-1.19656	0.261268	0.800046	-1.24993	5.76106	3.3083	0.510445	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg19987122	ATP11A;ATP11A	0.0449362	0.0240157	0.263376	-3.79686	0.0239762	0.263241	-3.79881	0.557946	0.745537
cg20638357	ATP11A;ATP11A	0.0460236	0.398358	0.809173	-1.23583	0.478936	0.838399	-1.19275	0.595097	1.14037
cg08667388	ATP11A;ATP11A	0.0468113	0.570906	0.888153	-1.12593	0.0422906	0.61605	-1.62324	0.1731	0.740645
cg20279561	ATP11A;ATP11A	0.0470151	0.805409	1.05525	1.05525	0.0168323	0.52966	-1.888	0.139562	0.707214
cg15023139	ATP11A;ATP11A	0.0472781	0.296447	0.81105	-1.23297	0.267164	1.25061	1.25061	0.184913	0.761846
cg22550869	ATP11A;ATP11A	0.0473921	0.447496	0.669496	-1.49366	0.00136947	0.0900743	-11.1019	0.0322306	0.272578
cg07479030	ATP11A;ATP11A	0.0485677	0.275334	0.686152	-1.4574	0.446229	0.772835	-1.29394	0.0392068	0.452971
cg04142824	ATP11A;ATP11A	0.048751	0.347741	0.785799	-1.27259	0.134966	0.669122	-1.4945	0.413238	0.811748
cg21897676	ATP11A;ATP11A	0.0493757	0.956718	0.981162	-1.0192	0.0346812	2.3699	2.3699	0.470546	0.773194
cg08831528	ATP11A;ATP11A	0.0496293	0.779388	1.12034	1.12034	0.693363	0.851836	-1.17393	0.0543261	0.413301
cg19820921	ATP11B	0.000170243	0.0974418	0.576475	-1.73468	0.000972805	0.226185	-4.42116	2.66E-05	0.0808743
cg23351853	ATP11B	0.000252821	0.672123	1.0913	1.0913	0.0237424	1.74017	1.74017	4.21E-06	8.88174
cg05977900	ATP11B	0.00105914	0.749256	0.946479	-1.05655	0.00115673	2.2678	2.2678	2.19E-05	4.31681
cg02528468	ATP11B	0.00199109	0.369819	1.16381	1.16381	0.000721096	2.33374	2.33374	5.82E-05	3.41144
cg23544996	ATP11B	0.00330322	0.945741	1.02318	1.02318	0.0379264	0.444665	-2.24888	0.0335956	0.433508
cg19617080	ATP11B	0.00435975	0.00668763	0.299805	-3.3355	0.310845	1.43196	1.43196	0.0103148	0.330665
cg03585795	ATP11B	0.00505722	0.146909	0.618407	-1.61706	0.000845546	0.212416	-4.70774	0.000291833	0.161524
cg15035421	ATP11B	0.0122205	0.0578554	0.380579	-2.62757	0.81245	0.898456	-1.11302	0.000804285	0.102438
cg02497504	ATP11B	0.0132975	0.00693761	1.66844	1.66844	0.0015441	1.94896	1.94896	0.00757046	1.65429
cg23060203	ATP11C;ATP11C	0.000112304	0.133205	1.31589	1.31589	1.91E-05	0.229488	-4.35752	0.0013873	0.455922
cg14296882	ATP11C;ATP11C	0.000447371	0.220945	0.7931	-1.26087	4.06E-05	0.243928	-4.09957	0.000304374	0.347439
cg05385216	ATP11C;ATP11C	0.000484052	0.19748	0.741521	-1.34858	7.66E-05	0.207394	-4.82174	0.000410274	0.2918

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20473595	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.00635696	0.0199091	1.83931	1.83931	0.0998663	0.676369	-1.47848	0.00144882	2.71267	2.71267	0.0263673	1.77016	1.77016	0.00901527	2.05432	2.05432
cg17189020	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.00783324	0.952338	1.00736	1.00736	0.00135354	0.564801	-1.77053	0.0356648	1.35007	1.35007	0.263819	1.15373	1.15373	0.00425345	0.625217	-1.59944
cg01914242	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.00843331	0.710211	0.921425	-1.08528	0.000901553	0.336513	-2.97166	0.00952903	0.486769	-2.05436	0.495199	1.16399	1.16399	0.995948	1.00111	1.00111
cg22892328	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0129062	0.0648733	0.362244	-2.76057	0.950907	1.03006	1.03006	0.0114416	4.8451	4.8451	?	?	?	0.0207066	0.251585	-3.9748
cg13498284	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0135971	0.0485014	1.79378	1.79378	0.0529081	0.565342	-1.76884	0.0650959	0.584547	-1.71073	0.515361	0.84282	-1.18649	0.00150722	0.305646	-3.27176
cg10095954	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0137399	0.0213863	2.68521	2.68521	0.273802	1.50202	1.50202	0.00572036	3.64845	3.64845	0.0162131	2.85895	2.85895	0.079867	2.00229	2.00229
cg23728735	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0140138	0.623723	0.885944	-1.12874	0.40277	1.23333	1.23333	0.00191983	0.341029	-2.9323	0.0248179	0.519807	-1.92379	0.0014431	0.323725	-3.08904
cg12120292	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0148231	0.000982509	5.56761	5.56761	0.913676	1.03873	1.03873	0.531154	0.80069	-1.24892	0.722462	0.882531	-1.1331	0.278478	1.48418	1.48418
cg27551007	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0200787	0.900131	1.02439	1.02439	0.0353472	1.60057	1.60057	0.00465889	0.48565	-2.0591	0.148756	1.34615	1.34615	0.988802	1.0027	1.0027
cg18201630	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0224297	0.304855	1.46248	1.46248	0.589138	0.822777	-1.2154	0.0560276	0.461021	-2.1691	0.0160331	0.348353	-2.87065	0.0194057	0.363796	-2.74879
cg25738176	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0225839	0.0271492	2.93008	2.93008	0.668609	0.837768	-1.19365	0.00179306	6.2108	6.2108	0.00957528	3.85175	3.85175	0.117715	2.01051	2.01051
cg20233206	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.047205	0.0378022	1.7079	1.7079	0.047298	0.603911	-1.65587	0.0477963	1.65348	1.65348	0.206567	1.34451	1.34451	0.867543	1.03779	1.03779
cg18542050	ATP2B1;ATP2B1	0.000369015	0.163402	1.22687	1.22687	0.00641779	1.62805	1.62805	0.835662	1.02896	1.02896	0.964784	1.00609	1.00609	0.00174948	0.541613	-1.84634
cg17564205	ATP2B1;ATP2B1	0.0162379	0.432365	0.830719	-1.20378	0.414359	0.824375	-1.21304	0.557125	0.871587	-1.14733	0.957725	1.01235	1.01235	0.970123	1.00871	1.00871
cg10501629	ATP2B1;ATP2B1	0.016968	0.547267	0.879063	-1.13757	0.0382188	0.601491	-1.66254	0.0714517	0.65309	-1.53118	0.0681171	1.54087	1.54087	0.0065904	0.473961	-2.10988
cg15965542	ATP2B2;ATP2B2	0.000304702	0.348485	1.20678	1.20678	0.0619791	1.50569	1.50569	0.409334	1.17859	1.17859	0.845645	1.03868	1.03868	4.07E-06	0.124775	-8.01444
cg27380813	ATP2B2;ATP2B2	0.0049243	0.0925389	1.77786	1.77786	0.000869634	4.72497	4.72497	0.116311	1.69972	1.69972	0.880463	1.04789	1.04789	0.0390397	0.475922	-2.10118
cg14209399	ATP2B2;ATP2B2	0.00655474	0.00137244	1.84406	1.84406	0.567757	1.07909	1.07909	0.20439	1.19307	1.19307	0.0477233	1.34771	1.34771	0.432533	1.11135	1.11135
cg21472737	ATP2B2;ATP2B2	0.0102341	0.892559	0.970094	-1.03083	0.00209035	2.64548	2.64548	0.0350303	1.73645	1.73645	0.878147	0.966116	-1.03507	0.00914531	0.47529	-2.10398
cg16468843	ATP2B2;ATP2B2	0.0148544	0.578193	1.17624	1.17624	0.624711	0.867205	-1.15313	0.0859968	1.73028	1.73028	0.46337	0.805971	-1.24074	0.744106	1.09928	1.09928
cg21413133	ATP2B2;ATP2B2	0.0186873	0.192257	0.885815	-1.1289	0.409465	1.07692	1.07692	0.517196	0.943946	-1.05938	0.0330278	0.803331	-1.24482	0.497269	1.06241	1.06241
cg04931913	ATP2B2;ATP2B2	0.0270313	0.354347	0.642687	-1.55597	0.0218058	3.58661	3.58661	0.223968	1.80891	1.80891	0.995976	1.00234	1.00234	0.00573995	0.186383	-5.36529
cg15615638	ATP2B2;ATP2B2	0.0320355	0.0392474	1.57862	1.57862	0.789553	0.950092	-1.05253	0.0749186	0.68412	-1.46173	0.231968	0.786685	-1.27116	0.0567759	1.51083	1.51083
cg08802607	ATP2B2;ATP2B2	0.0347684	0.886494	0.955857	-1.04618	0.493545	1.24581	1.24581	0.358438	0.741931	-1.34783	0.00118744	0.222572	-4.49292	0.0527156	0.498521	-2.00593
cg21504961	ATP2B2;ATP2B2	0.0380318	0.475098	0.881745	-1.13411	0.77921	1.04991	1.04991	0.0551248	1.45759	1.45759	0.00358666	0.50488	-1.98067	0.464747	0.879041	-1.1376
cg14547335	ATP2B2;ATP2B2	0.042937	0.502546	1.14735	1.14735	0.0551847	1.55131	1.55131	0.034323	0.607317	-1.64659	0.125482	1.39787	1.39787	0.0433874	0.625458	-1.59883
cg15111475	ATP2B2;ATP2B2;ATP2B2;ATP2B2	0.000438305	0.607392	1.04111	1.04111	0.00165624	0.704707	-1.41903	0.00212457	1.39892	1.39892	0.131427	0.881082	-1.13497	0.526093	1.05121	1.05121
cg08044634	ATP2B2;ATP2B2;MIR885	7.94E-05	0.249224	0.922163	-1.08441	0.000251279	1.50118	1.50118	0.196274	1.0963	1.0963	0.00767977	0.794125	-1.25925	6.57E-06	1.9638	1.9638
cg23230910	ATP2B2;MIR885;ATP2B2	0.0370785	0.946488	1.02445	1.02445	0.0051915	3.7716	3.7716	0.00211466	4.7357	4.7357	0.809324	1.09089	1.09089	0.746642	1.12373	1.12373
cg24605341	ATP2B2;MIR885;ATP2B2	0.0432644	0.760013	0.84596	-1.18209	0.0186914	4.74071	4.74071	0.00304817	9.17082	9.17082	0.894262	0.929966	-1.07531	0.493741	0.684227	-1.4615
cg10851587	ATP2B3;ATP2B3	0.00205963	0.0814024	0.522749	-1.91297	0.231623	1.52396	1.52396	0.451276	0.772799	-1.294	0.476552	0.784217	-1.27516	2.66E-05	0.0614896	-16.2629
cg22810426	ATP2B3;ATP2B3	0.0157639	0.166459	1.9276	1.9276	0.230829	1.74915	1.74915	0.701972	1.18652	1.18652	0.45008	0.710104	-1.40824	0.125867	0.478679	-2.08908
cg10290730	ATP2B3;ATP2B3	0.0185337	0.865444	0.964885	-1.03639	0.0025446	0.413696	-2.41724	0.123465	0.703501	-1.42146	0.0173729	0.543063	-1.84141	0.0460187	0.617575	-1.61924
cg00319312	ATP2B4;ATP2B4	7.78E-05	0.94083	1.01372	1.01372	0.0170285	0.586207	-1.70588	0.408978	1.16769	1.16769	0.702682	1.07294	1.07294	0.0285083	0.622208	-1.60718
cg13115222	ATP2B4;ATP2B4	0.000308465	0.016563	0.484823	-2.06261	0.00514195	0.400888	-2.49446	0.028592	0.527899	-1.8943	0.00870372	0.437392	-2.28628	0.000515546	0.26174	-3.82058
cg20312390	ATP2B4;ATP2B4	0.00887249	0.00884607	0.430833	-2.32109	0.179272	0.697358	-1.43398	0.011308	0.448648	-2.22892	0.040765	0.550581	-1.81626	0.000379524	0.238233	-4.19758
cg17721249	ATP2B4;ATP2B4	0.0108772	?	?	?	0.825017	0.899432	-1.11181	0.038824	0.318212	-3.14256	0.118529	0.444362	-2.25042	0.100728	0.422947	-2.36436
cg17114084	ATP2B4;ATP2B4	0.0121741	0.186404	1.17149	1.17149	0.0523259	1.28321	1.28321	0.00209041	1.63113	1.63113	0.456374	0.917855	-1.0895	0.145827	1.19297	1.19297
cg04148762	ATP2B4;ATP2B4	0.0132403	0.667913	1.13435	1.13435	0.0282357	0.469212	-2.13123	0.00225696	0.286954	-3.48487	0.306478	0.733998	-1.3624	0.638332	0.870851	-1.1483
cg21449360	ATP2B4;ATP2B4	0.0152411	0.693618	1.12019	1.12019	0.893231	1.03924	1.03924	0.752027	0.913144	-1.09512	0.692684	0.892381	-1.1206	0.000182237	0.162962	-6.1364
cg09570673	ATP2B4;ATP2B4	0.0195837	0.0167017	0.370287	-2.70061	0.00579532	0.292577	-3.41791	0.16682	0.605804	-1.6507	0.642104	1.17252	1.17252	0.0442687	0.455794	-2.19397
cg26253438	ATP2B4;ATP2B4	0.0216173	0.0400317	0.194884	-5.13125	0.277966	0.459584	-2.17588	0.0315347	0.175927	-5.68416	0.0660121	0.241421	-4.14214	0.0807692	0.263301	-3.79794
cg27173151	ATP2B4;ATP2B4	0.0240005	0.0121171	0.231658	-4.3167	0.334542	1.59267	1.59267	0.588963	0.774832	-1.2906	0.230347	0.555176	-1.80123	0.0271988	0.294514	-3.39542
ch.1.3947147F	ATP2B4;ATP2B4	0.0275913	0.00693045	0.0777085	-12.8686	0.00431329	0.0614178	-16.2819	0.066481	0.222085	-4.50279	0.0533956	0.201025	-4.97451	0.0233749	0.137968	-7.24808
cg01953850	ATP2B4;ATP2B4	0.0400386	0.0774421	0.568646	-1.75856	0.130799	0.625478	-1.59878	0.00271494	0.303932	-3.29021	0.785269	0.924462	-1.08171	0.0124002	0.408549	-2.44768
cg12131862	ATP2B4;ATP2B4	0.0435658	0.0125021	0.239957	-4.16742	0.850486	0.916969	-1.09055	0.724278	0.849857	-1.17667	0.252591	0.577566	-1.7314	0.00240068	0.143303	-6.97823
cg22226839	ATP2B4;ATP2B4;ATP2B4;ATP2B4	0.00536225	0.00660091	0.612435	-1.63283	0.0111766	0.64271	-1.55591	0.4516	1.11251	1.11251	0.000305407	0.442452	-2.26013	0.745907	0.955804	-1.04624
cg04305943	ATP2B4;SNORA77;ATP2B4	0.00253718	0.287899	0.828722	-1.20668	0.00437105	0.522991	-1.91208	0.00341449	0.507913	-1.96884	0.806212	1.04274	1.04274	0.00211431	0.479096	-2.08726
cg17174660	ATP2C1;ATP2C1;ATP2C1;ATP2C1	4.81E-06	1.06E-06	0.340813	-2.93416	0.0111757	0.764478	-1.30808	0.10828	1.15948	1.15948	0.346441	1.08533	1.08533	7.51E-05	0.545008	-1.83484
cg20388704	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.000416236	0.848276	1.04454	1.04454	0.00446329	2.46997	2.46997	0.00169502	0.338895	-2.95077	0.0263731	0.540381	-1.85055	0.0251263	0.536392	-1.86431
cg27425755	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.00191789	0.0814354	1.13518	1.13518	0.94335	0.995345	-1.00468	0.0194785	1.2037	1.2037	0.010657	1.23464	1.23464	0.600827	0.965936	-1.03527
cg08448284	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.00752462	0.0515957	0.464979	-2.15064	0.595974	0.831149	-1.20315	0.00172797	0.213305	-4.68813	0.661766	1.16434	1.16434	0.000834203	0.175858	-5.68642
cg01489926	ATP2C2	0.000105575	0.00166449	0.484902	-2.06227	0.927296	0.985421	-1.01479	2.62E-05	0.262154	-3.81456	0.0698178	1.38577	1.38577	2.17E-05	0.253207	-3.94934
cg18806980	ATP2C2	0.000211445	0.00114128	0.535885	-1.86607	0.00202652	0.566878	-1.76405	1.11E-05	0.295323	-3.38612	0.313859	0.872989	-1.14549	0.287602	1.15486	1.15486
cg27176796	ATP2C2	0.000500373	0.478319	1.1632	1.1632	0.555602	0.882475	-1.13318	0.990876	0.997605	-1.0024	0.969942	0.992129	-1.00793	5.73E-06	0.117394	-8.51835
cg00129549	ATP2C2	0.00206158	0.235201	0.847816	-1.1795	0.201608	1.19595	1.19595	0.132529	0.80623	-1.24034	0.220389	0.842845	-1.18646	0.958483	1.00693	1.00693
cg03085712	ATP2C2	0.0048502	0.0331134	3.27086	3.27086	0.00123399	9.46051	9.46051	0.0631095	2.70307	2.70307	0.325524	1.6208	1.6208	0.0354944	3.20427	3.20427
cg02475653	ATP2C2	0.0122394	0.000342087	0.0871965	-11.4684	0.144599	0.515346	-1.94044	0.400937	0.695087	-1.43867	0.968851	1.01666	1.01666	0.292359	1.5875	1.5875
cg00838040	ATP2C2	0.015932	0.748318	0.939408	-1.0645	0.00240891	0.440111	-2.27216	0.00265643	0.446162	-2.24134	0.087516	0.693336	-1.4423	0.0261703	0.59915	-1.66903
cg27459353	ATP2C2	0.0162979	0.0396025	4.9493	4.9493	0.0374435	5.06658	5.06658	0.102285	3.32535	3.32535	0.130273	2.99863	2.99863	0.289591	2.09313	2.09313
cg04342425	ATP2C2	0.0172536	0.659407	0.84009	-1.19035	0.00188391	0.177095	-5.64668	0.0773165	0.462312	-2.16304	0.00526612	0.235639	-4.24378	0.0226103	0.342146	-2.92272
cg05312094	ATP2C2	0.0225127	0.032052	0.548502	-1.82315	0.0734928	1.61151	1.61151	0.00444373	0.403495	-2.47834	0.383792	1.23806	1.23806	0.022082	0.518732	-1.92778
cg16698748	ATP2C2	0.0288709	0.0217493	2.88567	2.88567	0.174075	1.74426	1.74426	0.974173	1.01253	1.01253	0.0613938	2.24984	2.24984	0.439039	1.35481	1.35481
cg03570006	ATP2C2	0.0389131	0.0269047	0.370096	-2.702	0.111404	0.518075	-1.93022	0.0638444	0.453813	-2.20355	0.33098	0.683571	-1.46291	0.00541591	0.249529	-4.00755
cg07277633	ATP2C2	0.0484677	0.0572739	8.57419	8.57419	0.0094819	28.4026	28.4026	0.0776262	7.05669	7.05669	0.142923	4.75998	4.75998	0.0600914	8.31423	8.31423
cg07507755	ATP2C2;ATP2C2	0.034717	0.0703876	8.37692	8.37692	0.0959014	6.83402	6.83402	0.10486	6.44094	6.44094	0.103138	6.51217	6.51217	0.0402047	12.0766	12.0766
cg18314695	ATP4A	1.51E-05	0.205099	0.809037	-1.23604	0.0913105	0.74472	-1.34279	0.000510051	0.423014	-2.36399	0.511096	0.899744	-1.11143	0.00381366	0.538825	-1.85589
cg01607441	ATP4A	1.86E-05	0.00024843	0.305674	-3.27146	0.0239023	0.589685	-1.69582	0.00308079	0.452067	-2.21206	0.00924252	0.52338	-1.91066	0.00207469	0.427565	-2.33883
cg06123346	ATP4A	8.76E-05	0.0156907	0.553507	-1.80666	0.222277	0.774	-1.29199	8.81E-05	0.245755	-4.0691	0.000611275	0.348423	-2.87007	6.27E-05	0.22936	-4.35995
cg23368787	ATP4A	0.000583828	0.714163	1.14771	1.14771	0.0125193	0.312431	-3.20071	0.0554325	2.25484	2.25484	0.0503706	2.30562	2.30562	0.0413481	0.414263	-2.41393
cg22579691	ATP4A	0.00182627	0.337229	1.3379	1.3379	0.488196	1.23023	1.23023	0.245671	0.699598	-1.42939	0.211246	0.678738	-1.47332	0.000405426	0.191317	-5.22693
cg04713352	ATP4A	0.00756729	0.0168202	0.231871	-4.31275	0.00358802	0.138622	-7.21385	0.0561912	0.338407	-2.95502	0.497761	0.708305	-1.41182	0.0130235	0.213608	-4.68146
cg19903766	ATP4A	0.0113663	0.00836917	0.25485	-3.92387	0.811258	0.907487	-1.10194	0.0331023	0.363869	-2.74824	0.154899	1.85473	1.85473	0.131403	1.93647	1.93647
cg14005240	ATP4A	0.0141673	0.289334	1.69598	1.69598	0.0123461	0.223955	-4.46518	0.00719098	0.188911	-5.29349	0.0573412	0.356063	-2.80849	0.0104676	0.212733	-4.70074
cg15192909	ATP4A	0.0171679	0.0053923	0.257705	-3.88041	0.239752	0.63403	-1.57721	0.0264311	0.37748	-2.64915	0.0982007	0.511002	-1.95694	0.0102392	0.301771	-3.31378
cg19715414	ATP4A	0.0348587	0.104832	1.75537	1.75537	0.483679	0.797753	-1.25352	0.697652	1.13194	1.13194	0.837267	0.9368	-1.06746	0.559329	0.829096	-1.20613
cg27212234	ATP4A	0.0465912	?	?	?	0.523465	0.591796	-1.68977	?	?	?	0.575656	0.632627	-1.58071	0.791908	0.808183	-1.23734
cg25413188	ATP4A;ATP4A	2.31E-05	0.134923	1.28709	1.28709	0.0945416	0.74992	-1.33347	1.16E-05	0.233336	-4.28566	0.000386405	0.412026	-2.42703	0.000190144	0.373425	-2.67791
cg02738641	ATP4B	0.000445998	0.536897	1.11633	1.11633	0.251396	0.809861	-1.23478	0.0643945	0.693722	-1.4415	0.433032	1.1512	1.1512	1.43E-05	0.204027	-4.90132
cg10238725	ATP4B	0.00130043	0.0027469	0.370487	-2.69915	0.216522	0.731652	-1.36677	0.000747735	0.292535	-3.4184	0.593693	0.878642	-1.13812	0.0026206	0.3675	-2.72109
cg06811800	ATP4B	0.00327682	0.0249344	0.571484	-1.74983	0.000688336	0.337351	-2.96427	0.000414651	0.308951	-3.23676	0.0211798	0.559316	-1.7879	0.0426909	0.613111	-1.63103
cg21941987	ATP4B	0.00471235	0.0324206	0.598469	-1.67093	0.000243895	0.288473	-3.46653	0.011036	0.520216	-1.92228	0.412222	0.842093	-1.18752	0.585513	0.893252	-1.11951
cg11742667	ATP4B	0.00585845	0.0201847	0.609576	-1.64048	0.017099	0.598356	-1.67125	0.0117252	0.573312	-1.74425	0.0657017	1.44039	1.44039	0.00138451	0.440799	-2.26861
cg01233487	ATP4B	0.0113392	0.093742	0.629284	-1.58911	0.0771957	0.610323	-1.63848	0.0101605	0.442783	-2.25844	0.782782	0.932905	-1.07192	0.0203856	0.495359	-2.01874
cg02182272	ATP4B	0.0130693	0.0517554	0.364842	-2.74091	0.110632	0.453016	-2.20743	0.00468083	0.180409	-5.54296	0.057681	0.376205	-2.65812	0.00304508	0.157392	-6.35355
cg18143824	ATP4B	0.0132175	0.04414	0.486638	-2.05492	0.398927	0.764162	-1.30862	0.0220828	0.425322	-2.35116	0.282434	0.706186	-1.41606	0.0160771	0.399503	-2.50311
cg17363387	ATP4B	0.0175561	0.0014894	0.450548	-2.21952	0.0158745	1.67214	1.67214	0.670651	0.928258	-1.07729	0.56483	1.10659	1.10659	0.0568946	0.687278	-1.45502
cg10872847	ATP4B	0.0232237	0.0883233	0.490323	-2.03947	0.013944	0.316321	-3.16135	0.00547033	0.250416	-3.99335	0.039562	0.40568	-2.465	0.0108066	0.297188	-3.36488
cg21522289	ATP4B	0.0314626	0.404585	0.763623	-1.30955	0.17467	1.57862	1.57862	0.171216	0.630838	-1.58519	0.991188	0.996514	-1.0035	0.00101286	0.213949	-4.67401
cg06064098	ATP4B	0.0451904	0.03627	0.641516	-1.55881	0.133603	0.744509	-1.34317	0.0162954	0.585313	-1.70849	0.0979903	0.718217	-1.39234	0.735229	0.939983	-1.06385
cg01064131	ATP4B	0.0457663	0.156217	0.812829	-1.23027	0.075732	0.763327	-1.31006	0.549742	0.920641	-1.0862	0.0559962	1.34413	1.34413	0.78615	0.963527	-1.03785
cg03116030	ATP5A1;ATP5A1	7.25E-06	0.421094	0.912777	-1.09556	1.27E-05	2.77089	2.77089	0.00122442	1.6908	1.6908	0.00710831	1.47127	1.47127	0.598619	0.942723	-1.06076
cg15277511	ATP5A1;ATP5A1	0.00143556	0.821719	0.955487	-1.04659	0.624403	0.905238	-1.10468	0.723693	0.930891	-1.07424	0.58009	0.89338	-1.11934	0.956482	1.01107	1.01107
cg16734281	ATP5A1;ATP5A1;HAUS1;HAUS1	0.00584997	0.000717191	1.60068	1.60068	0.163363	0.872925	-1.14557	0.035628	1.25035	1.25035	0.183346	1.13766	1.13766	0.000983799	1.56447	1.56447
cg21686188	ATP5A1;HAUS1;HAUS1	0.000762001	0.651935	0.938678	-1.06533	5.43E-05	2.85307	2.85307	0.716952	1.05205	1.05205	0.24972	0.845651	-1.18252	0.372843	0.880291	-1.13599
cg25388527	ATP5A1;HAUS1;HAUS1	0.00495094	0.0137686	0.366543	-2.7282	0.0041348	0.281578	-3.55142	0.133777	0.586845	-1.70403	0.102077	1.80355	1.80355	0.00330564	0.267448	-3.73905
cg04376617	ATP5A1;HAUS1;HAUS1	0.0155704	0.00802331	0.373915	-2.6744	0.177818	0.660547	-1.5139	0.280179	0.722458	-1.38416	0.313279	0.739313	-1.35261	0.00192216	0.28034	-3.56709
cg10532125	ATP5A1;HAUS1;HAUS1	0.0175072	0.0218327	0.756397	-1.32206	0.555537	1.06235	1.06235	0.00668825	1.42889	1.42889	0.313729	0.899694	-1.11149	0.389241	0.914377	-1.09364
cg24148581	ATP5A1;HAUS1;HAUS1	0.0283591	0.313276	1.12717	1.12717	0.0212457	1.37415	1.37415	0.0336185	1.32956	1.32956	0.223399	1.15815	1.15815	0.0904893	0.807277	-1.23873
cg22226091	ATP5A1;HAUS1;HAUS1	0.0429834	0.303166	0.670981	-1.49035	0.227247	0.622354	-1.6068	0.556204	0.800371	-1.24942	0.225013	1.61085	1.61085	0.00343736	0.22611	-4.42262
cg17616707	ATP5B;ATP5B;SNORD59A	0.0272442	0.107786	0.841422	-1.18846	0.217565	1.13613	1.13613	0.0969608	0.835904	-1.19631	0.00261718	1.50683	1.50683	0.245222	1.12703	1.12703
cg13518216	ATP5B;SNORD59A	0.00172814	0.000164195	0.279354	-3.57969	0.245028	1.27294	1.27294	0.0112125	1.8788	1.8788	0.0690389	0.667806	-1.49744	0.205625	0.767214	-1.30342
cg12183522	ATP5B;SNORD59A	0.0104846	0.723606	0.945638	-1.05749	0.265632	0.833094	-1.20034	0.369775	1.15603	1.15603	0.300378	1.18404	1.18404	0.000922804	0.458829	-2.17946
cg16067781	ATP5B;SNORD59A	0.0130059	0.646616	0.954762	-1.04738	0.834529	1.0212	1.0212	0.0216248	1.31862	1.31862	0.0283893	0.771469	-1.29623	0.292429	0.896249	-1.11576
cg22841336	ATP5B;SNORD59A	0.0371453	0.653121	1.07452	1.07452	0.0284994	1.50784	1.50784	0.0379959	1.46551	1.46551	0.0813408	0.735672	-1.3593	0.653201	0.930662	-1.0745
cg22012054	ATP5B;SNORD59A	0.0431732	0.648212	1.0806	1.0806	0.557926	1.10517	1.10517	0.246997	1.22665	1.22665	0.118115	0.750999	-1.33156	0.868501	1.02836	1.02836
cg22870344	ATP5B;SNORD59A	0.0489881	?	?	?	0.242248	2.34253	2.34253	0.0528629	4.62038	4.62038	0.099087	0.284341	-3.51691	?	?	?
cg09427156	ATP5B;SNORD59B	0.00610487	0.0135615	0.453076	-2.20714	0.278065	1.33952	1.33952	0.459624	1.21546	1.21546	0.292779	0.753629	-1.32691	0.00909449	0.423611	-2.36066
cg14869505	ATP5B;SNORD59B	0.0090913	0.000698723	0.105219	-9.50403	0.660564	0.824937	-1.21221	0.531517	0.758802	-1.31787	0.314023	1.57375	1.57375	0.744717	0.86737	-1.15291
cg12795893	ATP5B;SNORD59B	0.0116686	0.010823	0.201469	-4.96353	0.064636	0.353834	-2.82618	0.64774	0.794318	-1.25894	0.187217	0.496725	-2.01319	0.00703899	0.174839	-5.71955
cg05244682	ATP5C1;ATP5C1	0.0429111	0.492401	1.18745	1.18745	0.0229081	0.511358	-1.95558	0.00556893	0.407677	-2.45292	0.119049	0.6591	-1.51722	0.601443	1.13867	1.13867
cg00118442	ATP5C1;ATP5C1;ATP5C1;ATP5C1;KIN	0.0200502	0.304801	0.904883	-1.10511	0.261309	1.11648	1.11648	0.015785	1.32072	1.32072	0.381095	0.918976	-1.08817	0.0413674	1.24768	1.24768
cg27320816	ATP5C1;ATP5C1;ATP5C1;ATP5C1;KIN	0.0337408	0.724104	0.957725	-1.04414	0.0107988	1.47738	1.47738	0.00629327	1.54303	1.54303	0.269315	1.15051	1.15051	0.0628102	1.29064	1.29064
cg23109134	ATP5C1;ATP5C1;KIN	0.000753365	0.323391	0.823484	-1.21435	0.200601	0.773056	-1.29357	0.598502	1.10647	1.10647	0.0115959	0.548313	-1.82378	0.78318	1.05393	1.05393
cg08970761	ATP5C1;ATP5C1;KIN	0.00619941	0.0248818	0.570801	-1.75192	0.0574566	0.636819	-1.57031	0.0126626	0.521607	-1.91715	0.00884093	2.01368	2.01368	0.177418	1.35127	1.35127
cg25732045	ATP5D;ATP5D	0.00141054	0.0230704	0.6827	-1.46477	0.939954	0.989474	-1.01064	0.626095	1.07141	1.07141	8.39E-05	0.370149	-2.70162	0.00380827	0.578017	-1.73005
cg00067471	ATP5D;ATP5D	0.00312221	0.000738323	0.36609	-2.73157	0.761977	1.06136	1.06136	0.0933014	0.696366	-1.43603	0.79609	1.05207	1.05207	0.00199478	0.425057	-2.35262
cg23470520	ATP5D;ATP5D	0.0179519	0.00879253	0.349396	-2.86208	0.354641	0.740733	-1.35001	0.834944	0.936357	-1.06797	0.647858	1.15596	1.15596	0.00352838	0.28746	-3.47875
cg25630530	ATP5E;ATP5E	0.000756934	0.00862238	0.375666	-2.66194	0.0027737	0.299391	-3.34011	0.00676211	0.358366	-2.79044	0.0110742	0.394074	-2.5376	0.00110747	0.245333	-4.07609
cg18096620	ATP5E;ATP5E	0.00393358	0.887429	0.981005	-1.01936	0.00686321	0.622509	-1.6064	0.228991	0.84288	-1.18641	0.670896	1.05958	1.05958	0.0166412	0.673073	-1.48572
cg03539511	ATP5E;ATP5E	0.00664559	0.077522	0.751066	-1.33144	0.000442497	0.445193	-2.24622	0.65996	1.06672	1.06672	0.472967	0.898984	-1.11237	0.0329208	1.43904	1.43904
cg00032609	ATP5E;ATP5E	0.00942412	0.0188984	0.231599	-4.31781	0.000971676	0.080029	-12.4955	0.183195	0.483565	-2.06798	0.111994	0.410504	-2.43603	0.00793881	0.173562	-5.76165
cg22231620	ATP5E;ATP5E	0.0268181	0.936883	0.976351	-1.02422	0.0632108	0.531843	-1.88025	0.0129811	0.393896	-2.53874	0.663008	1.14168	1.14168	0.286386	0.715651	-1.39733
cg01789728	ATP5E	0.049455	0.598989	0.910111	-1.09877	0.5601	0.900697	-1.11025	0.905538	0.978742	-1.02172	0.0721652	0.700317	-1.42793	0.00756549	0.541708	-1.84605
cg24457521	ATP5E;ATP5E;ATP5E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11467262	ATP5E;ATP5E;ATP5E;ATP5E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09147710	ATP5EP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12679790	ATP5EP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08559772	ATP5EP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27090007	ATP5EP2	0.00253827	0.896129	1.15237	1.15237	0.000286665	0.388512	-2.57392	0.0031368	0.524748	-1.90568	0.400636	0.871644	-1.14726	0.239241	1.2175	1.2175

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20473595	0.340778	0.808254	-1.23723	0.186928	0.738344	-1.35438	0.991607	1.00228	1.00228	0.032567	1.72023	1.72023	6.81624	5.0763	0.661987	1
cg17189020	0.464903	1.09561	1.09561	0.248608	1.15958	1.15958	0.943523	1.00874	1.00874	0.0657705	0.776102	-1.28849	6.38631	1.52438	0.212173	1
cg01914242	0.213622	1.33259	1.33259	0.0475094	1.64378	1.64378	0.294097	0.787731	-1.26947	0.072407	1.55202	1.55202	6.23953	4.75049	0.67676	1
cg22892328	0.0589711	2.84464	2.84464	0.00655968	0.170007	-5.88211	0.795323	1.13323	1.13323	0.881907	1.07412	1.07412	6.24888	19.9211	2.78946	1
cg13498284	0.608779	1.14319	1.14319	0.113215	0.639627	-1.56341	0.0974939	1.60223	1.60223	0.465085	1.21256	1.21256	5.35093	5.69557	0.946138	1
cg10095954	0.0658635	0.478426	-2.09019	0.0440147	2.28579	2.28579	0.684313	1.15723	1.15723	0.00845972	3.32337	3.32337	5.33263	10.7778	1.79654	1
cg23728735	0.995655	1.00133	1.00133	0.440409	0.824727	-1.21252	0.781167	0.934067	-1.07059	0.500726	0.845866	-1.18222	5.29817	5.03354	0.844491	1
cg12120292	0.0907037	0.520444	-1.92144	0.0531889	0.463143	-2.15916	0.0339634	2.38069	2.38069	0.944174	0.97576	-1.02484	5.20105	10.1139	1.72852	1
cg27551007	0.43253	1.16619	1.16619	0.00636883	1.97693	1.97693	0.18806	1.307	1.307	0.434399	1.16543	1.16543	4.69829	2.74136	0.51865	1
cg18201630	0.394477	1.36618	1.36618	0.00387345	0.248618	-4.02224	0.822154	0.922617	-1.08387	0.0517337	0.452925	-2.20787	4.52379	9.16984	1.8018	1
cg25738176	0.983135	1.00873	1.00873	0.0665759	2.3294	2.3294	0.197684	1.75019	1.75019	0.073626	2.2701	2.2701	4.51314	12.0782	2.37886	1
cg20233206	0.274056	0.776536	-1.28777	0.0326071	1.74319	1.74319	0.42855	0.835607	-1.19674	0.345545	0.805836	-1.24095	3.46273	2.70806	0.695162	1
cg18542050	0.0279627	1.42895	1.42895	0.0184473	0.675079	-1.48131	2.27E-05	3.21026	3.21026	0.10624	1.27442	1.27442	15.5415	4.65082	0.266001	1
cg17564205	0.000732545	3.28033	3.28033	0.0146558	2.00482	2.00482	0.391123	0.815969	-1.22554	0.254364	0.759208	-1.31716	5.04614	4.2816	0.754213	1
cg10501629	0.139347	1.4003	1.4003	0.0181489	1.8352	1.8352	0.607268	1.11597	1.11597	0.642936	0.90592	-1.10385	4.97262	3.52747	0.630558	1
cg15965542	0.904273	1.02371	1.02371	0.138912	0.73331	-1.36368	0.461904	1.15702	1.15702	0.114901	1.39632	1.39632	16.3803	9.8375	0.533841	1
cg27380813	0.0750226	1.852	1.852	0.99802	0.999229	-1.00077	0.000802296	4.81974	4.81974	0.340949	1.35667	1.35667	7.37284	11.2819	1.36017	1
cg14209399	0.125814	1.24401	1.24401	0.0148574	1.48429	1.48429	0.000356714	2.1283	2.1283	0.0564481	1.32932	1.32932	6.75178	1.85775	0.244577	1
cg21472737	0.492882	0.855157	-1.16938	0.0882202	1.52603	1.52603	0.0268551	1.80238	1.80238	0.200118	1.35539	1.35539	5.867	4.69061	0.710658	1
cg16468843	0.608158	0.861184	-1.16119	0.0198313	2.25433	2.25433	0.000410477	5.06014	5.06014	0.271784	1.39181	1.39181	5.19743	6.87474	1.17575	1
cg21413133	0.0117162	1.3187	1.3187	0.0109408	1.32386	1.32386	0.907653	1.01025	1.01025	0.0274385	0.795204	-1.25754	4.81397	0.588379	0.108643	1
cg04931913	0.801879	1.12372	1.12372	0.0262	0.29414	-3.39975	0.264319	1.71568	1.71568	0.310817	0.614754	-1.62667	4.23994	14.4552	3.03048	1
cg15615638	0.169722	1.32304	1.32304	0.00640076	1.9718	1.9718	0.612492	0.906868	-1.1027	0.412107	0.851717	-1.1741	3.99229	2.31607	0.515677	1
cg08802607	0.961318	1.01545	1.01545	0.194187	1.54368	1.54368	0.86033	1.05725	1.05725	0.255268	0.686993	-1.45562	3.87643	6.13421	1.40661	1
cg21504961	0.0987616	0.730762	-1.36843	0.107006	0.737206	-1.35647	0.0671901	0.700851	-1.42684	0.657255	1.08045	1.08045	3.75199	1.78418	0.422693	1
cg14547335	0.0638748	1.52309	1.52309	0.0655665	1.51809	1.51809	0.671916	1.08986	1.08986	0.86858	0.967102	-1.03402	3.58781	2.31856	0.574429	1
cg15111475	0.649991	0.965108	-1.03615	3.98E-05	0.543009	-1.84159	0.00417062	0.741952	-1.3478	0.0242116	0.811483	-1.23231	14.8213	1.4187	0.085085	1
cg08044634	0.000715688	1.41424	1.41424	0.0630007	1.15111	1.15111	0.0142861	0.816034	-1.22544	0.0130516	1.23024	1.23024	23.5468	1.68839	0.0637364	1
cg23230910	0.577084	0.816501	-1.22474	0.280617	1.49716	1.49716	0.554373	1.24012	1.24012	0.397145	1.36616	1.36616	3.78693	7.76666	1.82303	1
cg24605341	0.458039	0.661932	-1.51073	0.103998	2.6394	2.6394	0.60662	0.75308	-1.32788	0.811133	0.877473	-1.13964	3.57768	16.8918	4.19684	1
cg10851587	0.499739	0.794488	-1.25867	0.159772	1.65606	1.65606	0.291716	0.692547	-1.44395	0.280454	0.686093	-1.45753	9.55966	17.0733	1.58753	1
cg22810426	0.0108878	4.14536	4.14536	0.00154396	0.131886	-7.58228	0.681764	0.832433	-1.2013	0.44773	0.708795	-1.41085	5.09611	15.9701	2.78559	1
cg10290730	0.848488	1.04114	1.04114	0.0260562	1.74481	1.74481	0.857085	0.962717	-1.03873	0.745308	0.933607	-1.07111	4.82739	3.3966	0.625431	1
cg00319312	0.987598	1.00286	1.00286	0.000517788	0.370033	-2.70246	2.66E-06	0.125475	-7.96971	8.12E-05	0.271206	-3.68723	23.6723	12.6348	0.474432	1
cg13115222	0.113898	0.653496	-1.53023	0.00130765	0.314273	-3.18195	1.25E-05	0.102705	-9.73661	0.000484077	0.258366	-3.87048	16.3253	15.8185	0.861294	1
cg20312390	0.0683017	0.597054	-1.67489	0.188503	0.703242	-1.42198	0.7131	0.910907	-1.09781	0.0209269	0.495537	-2.01801	6.1401	6.20848	0.898788	1
cg17721249	0.658502	1.23727	1.23727	0.991467	1.00513	1.00513	0.0528741	2.86685	2.86685	0.00114286	9.86796	9.86796	5.86724	18.9244	3.22543	1
cg17114084	0.227734	0.866691	-1.15381	0.950505	1.00704	1.00704	0.00618803	0.668034	-1.49693	0.829745	0.975961	-1.02463	5.54749	1.12181	0.179751	1
cg04148762	0.767058	0.91689	-1.09064	0.463298	0.804081	-1.24366	0.143273	1.58319	1.58319	0.00679844	2.78536	2.78536	5.39774	7.29347	1.20108	1
cg21449360	0.762738	0.916872	-1.09067	0.481668	1.22753	1.22753	0.760168	1.09173	1.09173	0.740912	0.909271	-1.09978	5.15343	6.70621	1.15672	1
cg09570673	0.00264229	0.242992	-4.11537	0.286794	0.686523	-1.45662	0.401837	0.746944	-1.33879	0.02978	0.419114	-2.38598	4.73827	8.67705	1.6278	1
cg26253438	0.593212	1.45	1.45	0.282206	0.462978	-2.15993	0.621011	1.40978	1.40978	0.00476024	13.2357	13.2357	4.58142	34.4559	6.68515	1
cg27173151	0.787629	1.13459	1.13459	0.0211649	0.273595	-3.65504	0.0171542	3.88963	3.88963	0.438408	0.691004	-1.44717	4.41937	15.3063	3.07862	1
ch.1.3947147F	0.0775773	0.238281	-4.19673	0.0278303	0.149455	-6.69098	0.114082	0.284572	-3.51405	0.134385	0.307207	-3.25514	4.20951	35.6397	7.52575	1
cg01953850	0.462049	0.806282	-1.24026	0.0402749	0.505895	-1.97669	0.198508	0.676515	-1.47816	0.087896	0.581762	-1.71892	3.68183	4.82304	1.16441	1
cg12131862	0.628608	1.25093	1.25093	0.105822	0.444202	-2.25123	0.33186	0.631367	-1.58386	0.0978654	0.434242	-2.30287	3.56844	11.9249	2.97047	1
cg22226839	0.0170088	0.667264	-1.49866	0.331577	0.869995	-1.14943	0.0922717	0.772894	-1.29384	0.482743	1.10426	1.10426	7.18324	2.19885	0.272097	1
cg04305943	0.240457	1.23277	1.23277	0.0303494	1.54255	1.54255	0.00255278	0.490359	-2.03932	0.0269848	0.640222	-1.56196	8.99287	4.12925	0.408151	1
cg17174660	4.45E-07	0.299554	-3.3383	0.373534	1.08021	1.08021	0.237657	1.11013	1.11013	0.0169491	0.781947	-1.27886	49.0244	5.53855	0.100423	1
cg20388704	1.61E-05	0.101218	-9.87969	0.0482968	0.592019	-1.68913	0.866643	0.962485	-1.03898	0.0356339	0.565626	-1.76795	18.8135	15.0935	0.623988	1
cg27425755	0.926857	0.99399	-1.00605	0.71928	0.976584	-1.02398	0.0133286	1.22297	1.22297	4.43E-05	1.66193	1.66193	9.76028	0.666226	0.0606746	1
cg08448284	0.125536	0.56382	-1.77362	0.0633834	0.485989	-2.05766	0.162277	1.67479	1.67479	0.104027	0.541006	-1.84841	6.46736	12.2361	1.68176	1
cg01489926	0.0248908	1.53662	1.53662	0.0106506	0.596476	-1.67651	0.162317	1.27133	1.27133	0.341946	0.85422	-1.17066	21.8214	8.94913	0.36454	1
cg18806980	0.154729	0.819864	-1.21971	0.0295224	1.39683	1.39683	0.0931637	1.27233	1.27233	0.0042713	0.607437	-1.64626	18.0959	4.87375	0.239404	1
cg27176796	0.903992	1.02563	1.02563	0.0286616	1.71834	1.71834	0.989706	1.00271	1.00271	0.870693	0.966411	-1.03476	14.2876	9.9529	0.619211	1
cg00129549	0.574029	1.07828	1.07828	7.51E-05	2.59532	2.59532	0.0066116	0.626349	-1.59655	0.421927	0.896858	-1.115	9.55702	2.6652	0.247887	1
cg03085712	0.00626112	5.44422	5.44422	0.000560698	12.7412	12.7412	0.00819092	4.99977	4.99977	0.0449705	2.98775	2.98775	7.407	26.5457	3.18565	1
cg02475653	0.389468	1.45221	1.45221	0.0726489	2.3332	2.3332	0.487178	0.741825	-1.34803	0.292782	0.630195	-1.58681	5.53786	15.697	2.51955	1
cg00838040	0.622459	0.908137	-1.10116	0.121644	0.721941	-1.38516	0.892461	1.02661	1.02661	0.0194319	0.577744	-1.73087	5.07818	3.03206	0.530735	1
cg27459353	0.00912053	9.26217	9.26217	0.00198146	18.8413	18.8413	0.0105949	8.67214	8.67214	0.0128235	7.98075	7.98075	5.03994	36.0454	6.35728	1
cg04342425	0.351873	0.686337	-1.45701	0.481309	1.32473	1.32473	0.409193	1.39321	1.39321	0.924474	0.963434	-1.03795	4.94492	12.0875	2.17282	1
cg05312094	0.221372	0.735371	-1.35986	0.226516	0.738121	-1.35479	0.0521743	0.589702	-1.69577	0.2736	0.761521	-1.31316	4.51804	4.0916	0.804989	1
cg16698748	0.0781339	2.12345	2.12345	0.00579636	4.0171	4.0171	0.00810388	3.68547	3.68547	0.0171361	3.05813	3.05813	4.14276	9.71243	2.08394	1
cg03570006	0.0202818	0.345982	-2.89032	0.0281096	0.373964	-2.67406	0.813714	1.09365	1.09365	0.887109	0.947553	-1.05535	3.72063	8.47591	2.02496	1
cg07277633	0.0705594	7.5015	7.5015	0.0124773	23.4545	23.4545	0.0202274	16.8992	16.8992	0.0536361	8.94291	8.94291	3.72366	55.4384	11.5797	1
cg07507755	0.110331	6.22645	6.22645	0.00429163	55.3739	55.3739	0.0117886	27.2613	27.2613	0.0207158	18.6728	18.6728	3.8785	67.8466	15.5493	1
cg18314695	0.546469	1.10157	1.10157	3.41E-07	0.0962224	-10.3926	1.26E-05	0.232885	-4.29396	0.556085	0.909945	-1.09897	36.4219	14.4918	0.353676	1
cg01607441	0.738846	0.936534	-1.06777	3.52E-07	0.0560072	-17.8548	2.75E-05	0.198019	-5.05001	0.0843566	0.687856	-1.45379	34.5032	20.9873	0.540685	1
cg06123346	0.0122205	0.536047	-1.86551	9.20E-06	0.147322	-6.78786	0.000245187	0.298117	-3.35439	0.206043	0.766123	-1.30527	22.9343	14.4894	0.561582	1
cg23368787	0.278585	0.655777	-1.52491	0.0229938	0.361149	-2.76894	0.000186392	10.6187	10.6187	0.000321238	8.84762	8.84762	13.6877	30.4065	1.97462	1
cg22579691	0.00139911	0.256208	-3.90309	0.0523204	1.91423	1.91423	0.00182361	0.271583	-3.68212	0.266739	1.40558	1.40558	9.90007	13.5732	1.21868	1
cg04713352	0.018011	0.236976	-4.21984	0.00075499	0.0773549	-12.9274	0.0147017	0.222102	-4.50244	0.417098	0.66001	-1.51513	6.45591	25.667	3.53399	1
cg19903766	0.0148246	0.29629	-3.37508	0.00284852	0.188917	-5.29334	0.322935	0.660807	-1.5133	0.132004	0.517017	-1.93417	5.67225	14.792	2.31803	1
cg14005240	0.00515874	0.169667	-5.8939	0.248536	0.56026	-1.78489	0.0612029	0.363059	-2.75437	0.045962	0.333328	-3.00004	5.27922	19.2886	3.24771	1
cg15192909	0.0469289	0.430898	-2.32073	0.00165998	0.189057	-5.28941	0.288013	0.664772	-1.50427	0.324166	0.685986	-1.45776	4.95317	10.7483	1.92887	1
cg19715414	0.780845	0.915269	-1.09258	0.496917	0.803359	-1.24477	0.0403699	2.12057	2.12057	0.0013615	4.37455	4.37455	3.8728	6.18095	1.41866	1
cg27212234	0.710827	1.35036	1.35036	0.00510737	37.8692	37.8692	?	?	?	?	?	?	5.23863	27.3603	5.22279	1
cg25413188	0.0290498	0.668368	-1.49618	0.32655	1.17189	1.17189	1.51E-06	0.148514	-6.73339	0.3851	0.869839	-1.14964	32.631	12.674	0.345246	1
cg02738641	0.225327	1.25121	1.25121	0.886203	1.02552	1.02552	0.035213	1.53986	1.53986	0.000968102	0.421309	-2.37356	14.7501	7.23561	0.43604	1
cg10238725	0.0415964	0.568668	-1.75849	0.0185045	0.503424	-1.9864	7.92E-05	0.180181	-5.54999	0.0330391	0.549426	-1.82008	10.918	9.9819	0.812675	1
cg06811800	0.479613	0.860121	-1.16263	0.285355	0.792419	-1.26196	0.00352329	0.436223	-2.29241	0.870651	1.03476	1.03476	8.3363	5.80436	0.618911	1
cg21941987	0.543955	0.881693	-1.13418	0.0971349	1.45241	1.45241	0.456003	1.1684	1.1684	0.099659	1.4476	1.4476	7.47231	4.9731	0.591589	1
cg11742667	0.163942	1.30009	1.30009	0.0350637	0.648002	-1.5432	0.431836	1.15228	1.15228	0.252117	0.809472	-1.23537	6.99045	3.45619	0.439481	1
cg01233487	0.240005	0.734052	-1.3623	0.00221778	2.93679	2.93679	0.247177	0.737801	-1.35538	0.989212	0.996608	-1.0034	5.67664	5.67792	0.88909	1
cg02182272	0.0703791	0.39803	-2.51237	0.0375415	0.33316	-3.00156	0.00315079	0.159133	-6.28405	0.0310572	0.315712	-3.16744	5.42072	17.8118	2.92078	1
cg18143824	0.865097	1.05439	1.05439	0.0971285	0.567181	-1.76311	0.000424314	0.175752	-5.68984	0.11394	0.58531	-1.7085	5.40078	8.29754	1.36565	1
cg17363387	0.595852	0.91105	-1.09763	0.109987	0.738459	-1.35417	0.438244	1.14752	1.14752	0.514872	0.891424	-1.1218	4.91619	2.35828	0.426397	1
cg10872847	0.0378752	0.401536	-2.49043	0.403279	1.38285	1.38285	0.271361	0.647926	-1.54339	0.0802158	0.479239	-2.08664	4.46991	10.1685	2.02211	1
cg21522289	0.399314	0.761198	-1.31372	0.0672676	0.522838	-1.91264	0.293669	0.708603	-1.41123	0.107161	0.573426	-1.7439	4.01813	6.3639	1.40782	1
cg06064098	0.812805	1.04421	1.04421	0.124402	1.35441	1.35441	0.0865916	0.708105	-1.41222	0.0212411	0.603519	-1.65695	3.51995	1.85362	0.468091	1
cg01064131	0.0592548	1.33769	1.33769	0.0152931	1.50206	1.50206	0.327391	0.870987	-1.14812	0.345277	0.875638	-1.14202	3.50328	1.03564	0.262774	1
cg03116030	0.0624337	1.26221	1.26221	6.64E-06	0.328884	-3.04059	3.78E-05	2.40675	2.40675	6.92E-05	0.446066	-2.24182	44.0929	8.61044	0.173582	1
cg15277511	0.621183	0.904387	-1.10572	2.16E-05	0.178498	-5.60231	0.0135388	1.85249	1.85249	0.619015	1.10642	1.10642	10.6128	6.84148	0.573017	1
cg16734281	0.0942998	1.18298	1.18298	0.747066	1.03	1.03	0.661501	0.960549	-1.04107	0.132358	1.15993	1.15993	6.99357	0.924417	0.117494	1
cg21686188	0.000251716	0.431177	-2.31923	0.829799	0.970444	-1.03046	0.757172	0.957697	-1.04417	0.293455	0.859092	-1.16402	12.7048	3.90818	0.273436	1
cg25388527	0.401444	0.753484	-1.32717	0.00118759	0.208748	-4.79046	0.749917	1.11116	1.11116	0.670811	1.15133	1.15133	7.36071	12.6638	1.5293	1
cg04376617	0.717965	0.90029	-1.11075	0.00332686	0.314276	-3.18192	0.0336862	0.487559	-2.05104	0.963635	0.986884	-1.01329	5.11705	6.79664	1.18065	1
cg10532125	0.313517	1.11154	1.11154	0.0426268	0.789154	-1.26718	0.619112	1.05215	1.05215	0.0162965	1.34714	1.34714	4.92079	0.80208	0.144887	1
cg24148581	0.402511	0.906346	-1.10333	0.0104199	0.690603	-1.44801	0.450919	0.915611	-1.09217	0.964548	0.994912	-1.00511	4.16901	0.869818	0.185457	1
cg22226091	0.184028	1.69423	1.69423	0.169264	0.578185	-1.72955	0.496266	1.29492	1.29492	0.123613	1.86628	1.86628	3.58637	7.95002	1.97043	1
cg17616707	0.298531	1.11184	1.11184	0.175335	1.15234	1.15234	0.117608	0.84602	-1.18201	0.690558	1.04015	1.04015	4.22828	0.648236	0.136275	1
cg13518216	0.00786532	0.508264	-1.96748	0.635079	0.909481	-1.09953	0.0296678	0.601698	-1.66196	0.0581614	1.52948	1.52948	10.0599	6.27508	0.554466	1
cg12183522	0.46762	0.890167	-1.12338	0.00151919	0.487324	-2.05202	0.547495	0.908627	-1.10056	0.139205	0.778382	-1.28472	5.82167	2.28484	0.348863	1
cg16067781	0.0321812	0.777548	-1.28609	0.0102233	0.72275	-1.3836	0.00810683	0.711795	-1.4049	0.03042	0.774815	-1.29063	5.42935	0.864759	0.141578	1
cg22841336	0.892215	1.02177	1.02177	0.149023	1.27872	1.27872	0.0313492	0.6695	-1.49365	0.0615805	1.3973	1.3973	3.78445	1.51298	0.355368	1
cg22012054	0.0079276	0.562929	-1.77642	0.0396159	0.669257	-1.4942	0.112908	1.33802	1.33802	0.159268	1.28898	1.28898	3.58049	1.61501	0.400939	1
cg22870344	?	?	?	0.0213347	0.145993	-6.84965	0.755762	0.804918	-1.24236	0.253716	0.436477	-2.29107	3.60974	18.4371	6.81013	1
cg09427156	0.00593609	0.393568	-2.54086	0.00167462	0.312066	-3.20445	0.105217	0.632062	-1.58212	0.00577611	0.39169	-2.55304	6.90212	7.342	0.945538	1
cg14869505	0.0303378	0.329989	-3.0304	0.00598098	0.209132	-4.78167	0.142179	0.502995	-1.98809	0.00849859	0.231586	-4.31805	6.09282	18.3016	2.67004	1
cg12795893	0.0533718	0.333369	-2.99968	0.00206486	0.113958	-8.77515	0.00364405	0.139632	-7.16169	0.0480762	0.322715	-3.0987	5.62431	22.3193	3.52743	1
cg05244682	0.400128	0.808773	-1.23644	0.0450311	0.567356	-1.76256	0.242207	1.35204	1.35204	0.55812	0.864208	-1.15713	3.58861	3.45108	0.854823	1
cg00118442	0.083866	0.835337	-1.19712	0.00580151	0.711859	-1.40477	0.28206	1.11087	1.11087	0.635484	1.04594	1.04594	4.70055	0.658554	0.124535	1
cg27320816	0.0441057	1.32565	1.32565	0.306532	0.878953	-1.13772	0.589293	0.93573	-1.06868	0.182284	1.1883	1.1883	3.91863	0.921904	0.209121	1
cg23109134	0.0624483	0.670803	-1.49075	1.59E-05	0.183326	-5.45477	0.0174996	0.576568	-1.7344	0.0013297	0.411217	-2.43181	12.7455	7.31867	0.510414	1
cg08970761	0.0843463	1.49332	1.49332	0.00481961	0.455934	-2.1933	0.176285	0.739386	-1.35247	0.291569	0.794663	-1.2584	6.8694	4.79868	0.620941	1
cg25732045	0.700429	1.05581	1.05581	0.166349	1.23035	1.23035	0.0199828	0.67407	-1.48353	0.00295559	0.563725	-1.77392	10.6665	3.33331	0.277779	1
cg00067471	0.0111885	0.536228	-1.86488	0.500194	1.14357	1.14357	0.000944003	0.380342	-2.62921	0.21322	0.773396	-1.293	8.45719	5.14722	0.540996	1
cg23470520	0.823315	1.07302	1.07302	0.627094	1.16684	1.16684	0.00356118	0.288047	-3.47165	0.152172	0.616663	-1.62163	4.87952	7.67618	1.39835	1
cg25630530	0.14121	0.629691	-1.58808	3.06E-05	0.0924939	-10.8115	0.834894	0.940815	-1.06291	0.00609441	0.351132	-2.84793	12.7286	17.2251	1.20289	1
cg18096620	0.0135867	0.661357	-1.51204	0.000120361	0.402545	-2.48419	0.983276	0.997166	-1.00284	0.131714	0.80227	-1.24646	7.8922	2.29152	0.258091	1
cg03539511	0.750796	0.95458	-1.04758	0.00561704	0.588378	-1.69959	0.522026	1.09929	1.09929	0.966073	0.993814	-1.00622	6.72297	2.26625	0.299636	1
cg00032609	0.0218112	0.242642	-4.12129	0.00724681	0.168238	-5.94395	0.0127978	0.203757	-4.90779	0.0477221	0.311993	-3.2052	6.02356	25.2506	3.7262	1
cg22231620	0.459716	1.25543	1.25543	0.00537093	0.330278	-3.02775	0.0457399	1.99798	1.99798	0.840109	1.06295	1.06295	4.25173	6.14949	1.28564	1
cg01789728	0.0169501	0.596349	-1.67687	0.578317	1.108	1.108	[illegible]	[illegible]	[illegible]	0.0199275	0.607309	-1.64661	3.40227	1.69772	0.443552	1
cg24457521	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11467262	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09147710	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12679790	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08559772	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27090007	0.0206026	1.56092	1.56092	0.169554	1.2632	1.2632	0.0294343	0.66397	-1.50609	0.303229	0.84343	-1.18563	8.99173	3.63094	0.358941	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14355581	ATP5EP2	0.00394766	0.634698	0.898438	-1.11304	0.521744	0.864766	-1.15638	0.000971225	0.3334	-2.9994	0.291758	0.782886	-1.27732	0.0863095	0.654422	-1.52807
cg03818583	ATP5EP2	0.0444964	0.0293433	0.160921	-6.21423	0.0102908	0.10011	-9.98902	0.110285	0.289741	-3.45136	0.304415	0.469054	-2.13195	0.0219263	0.141296	-7.07736
cg19186089	ATP5G1;ATP5G1	0.00112038	0.000192576	0.124843	-8.01005	0.0304982	0.430592	-2.32238	0.056632	0.489157	-2.04433	0.00378776	0.274039	-3.64911	0.000548881	0.168852	-5.92234
cg10130401	ATP5G1;ATP5G1	0.00425042	0.274164	1.1318	1.1318	0.0368064	0.768047	-1.302	0.894835	0.985712	-1.01449	0.27595	0.883986	-1.13124	0.507364	1.07593	1.07593
cg00523425	ATP5G1;ATP5G1	0.0114602	0.12357	0.82871	-1.20669	0.0420872	0.768119	-1.30188	0.0888319	0.809439	-1.23542	0.000599055	0.550747	-1.81572	0.653935	0.950441	-1.05214
cg26023938	ATP5G1;ATP5G1	0.0143226	0.16431	1.36478	1.36478	0.681836	0.917236	-1.09023	0.0123499	1.92106	1.92106	0.14954	1.38245	1.38245	0.862627	1.03696	1.03696
cg24070195	ATP5G1;ATP5G1	0.0305653	0.541952	0.939932	-1.06391	0.0882202	1.20776	1.20776	0.161395	1.16192	1.16192	0.0730659	1.22214	1.22214	0.839776	0.979892	-1.02052
cg23708347	ATP5G1;ATP5G1	0.0343216	0.689239	0.901781	-1.10892	0.0407278	0.527301	-1.89645	0.520292	0.845258	-1.18307	?	?	?	0.0584947	0.563134	-1.77577
cg01847110	ATP5G1;ATP5G1	0.0461456	0.0853732	0.690803	-1.44759	0.499112	1.14277	1.14277	0.187044	1.3126	1.3126	0.00844194	0.519874	-1.92354	0.682882	0.923216	-1.08317
cg06868955	ATP5G2;ATP5G2	9.44E-06	3.28E-05	0.210159	-4.7583	3.46E-05	0.2126	-4.70368	4.47E-05	0.224409	-4.45615	0.000234315	0.307415	-3.25293	6.66E-06	0.144288	-6.9306
cg03956243	ATP5G2;ATP5G2	0.00866625	0.0861936	1.34098	1.34098	0.095083	0.752873	-1.32825	0.0111848	0.611377	-1.63565	0.776371	0.956882	-1.04506	0.000800459	0.456874	-2.18879
cg12097550	ATP5G2;ATP5G2	0.0108924	0.0133466	0.304078	-3.28863	0.00148719	0.168681	-5.92837	0.0207269	0.339052	-2.9494	0.124375	0.524019	-1.90833	0.0171307	0.323523	-3.09097
ch.12.1121679f	ATP5G2;ATP5G2	0.0130188	0.0177638	0.422959	-2.3643	0.00298497	0.2964	-3.37382	0.00334968	0.303693	-3.29279	0.187134	0.658768	-1.51798	0.0103157	0.381062	-2.62424
cg04566900	ATP5G2;ATP5G2	0.0405695	0.156895	0.637191	-1.56939	0.371188	1.31433	1.31433	0.182295	0.65615	-1.52404	0.0428529	0.499657	-2.00137	0.00176807	0.265643	-3.76444
cg15007132	ATP5G2;ATP5G2;ATP5G2;ATP5G2	0.0339852	0.0525676	1.20015	1.20015	0.973113	1.00279	1.00279	0.138294	0.876254	-1.14122	0.259263	1.10233	1.10233	0.203467	0.894832	-1.11753
cg25920645	ATP5G3;ATP5G3	0.0020749	0.573937	1.17985	1.17985	0.000477311	0.202641	-4.93484	0.00322351	0.31035	-3.22217	0.293991	1.37284	1.37284	0.193386	1.49282	1.49282
cg00455450	ATP5G3;ATP5G3	0.0159145	0.253771	1.44752	1.44752	0.0286245	0.448744	-2.22844	0.0283113	0.447787	-2.2332	0.704715	1.12542	1.12542	0.0206046	0.420897	-2.37588
cg04928692	ATP5G3;ATP5G3	0.0458334	0.0637302	0.338772	-2.95184	?	?	?	0.936653	0.95956	-1.04214	0.64001	1.27714	1.27714	0.0049975	0.145254	-6.88449
cg15715969	ATP5H;ATP5H	0.00794704	0.633531	0.863894	-1.15755	0.0120752	0.385466	-2.59426	0.00391556	0.306429	-3.2634	0.0336807	0.469727	-2.1289	0.00150346	0.248255	-4.02812
cg08515779	ATP5H;ATP5H	0.0306479	0.184984	0.80053	-1.24917	0.174809	1.25658	1.25658	0.993499	0.998712	-1.00129	0.208251	1.23363	1.23363	0.00402956	0.542615	-1.84293
cg13048147	ATP5H;ATP5H;KCTD2	0.0221146	0.165247	0.480301	-2.08203	0.454183	1.45898	1.45898	0.0243693	3.77823	3.77823	0.563399	1.33566	1.33566	0.0772969	0.377924	-2.64604
cg00976054	ATP5H;KCTD2;ATP5H	0.0276414	0.377362	0.864152	-1.1572	0.01712	0.626002	-1.59744	0.901199	0.980179	-1.02022	0.89205	1.02213	1.02213	0.00561575	1.79684	1.79684
cg17966435	ATP5I	0.00949746	0.106534	3.04722	3.04722	0.370589	0.56229	-1.77844	0.318941	0.524337	-1.90717	0.505358	1.5257	1.5257	0.0752358	3.51248	3.51248
cg09595537	ATP5I	0.0333917	0.335105	1.10542	1.10542	0.426102	1.08539	1.08539	0.358033	0.909097	-1.09999	0.00564867	1.44222	1.44222	0.0519103	0.800103	-1.24984
cg27048140	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.00200093	0.0949295	0.6616	-1.51149	0.0118272	2.02894	2.02894	0.11251	1.47538	1.47538	0.00819417	2.14152	2.14152	0.204018	0.739521	-1.35223
cg18882091	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.00206757	0.0299241	0.496547	-2.01391	0.249857	0.719222	-1.39039	0.433728	0.803377	-1.24475	0.186073	1.46848	1.46848	0.00028443	0.196983	-5.07658
cg03665605	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.00219214	0.00317963	0.24448	-4.09032	0.00401994	3.86225	3.86225	0.692096	1.14932	1.14932	0.0286843	0.405618	-2.46538	0.000958726	0.179082	-5.58404
cg17047021	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.0084977	0.174697	0.805289	-1.24179	0.0063103	0.586504	-1.70502	0.996075	1.00074	1.00074	0.489478	1.11106	1.11106	0.00523648	0.575513	-1.73758
cg18425087	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.0119004	0.071714	1.19427	1.19427	0.00417146	1.40349	1.40349	0.00381939	1.41109	1.41109	0.879781	0.986726	-1.01345	0.00476449	1.3922	1.3922
cg08692828	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.0177141	0.3073	1.27292	1.27292	0.144005	1.43106	1.43106	0.194457	1.3681	1.3681	0.906285	0.973467	-1.02726	0.00625992	0.44333	-2.25566
cg10707775	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.023357	0.870008	0.947246	-1.05569	0.143783	0.594671	-1.6816	0.984898	0.993756	-1.00628	0.744298	1.11439	1.11439	0.00719467	0.317263	-3.15196
cg01196388	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.032227	0.00884859	0.664731	-1.50437	0.546233	0.927895	-1.07771	0.442034	1.10083	1.10083	0.829456	1.02679	1.02679	0.0196187	0.707846	-1.41274
cg02578476	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.0359427	0.200449	0.67461	-1.48234	0.194087	0.670391	-1.49167	0.218726	0.686245	-1.45721	0.00268259	3.34619	3.34619	0.054219	0.529454	-1.88874
cg20672245	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.0424079	0.817892	0.964772	-1.03651	0.482425	1.1174	1.1174	0.888793	0.97848	-1.02199	0.994335	1.0011	1.0011	0.00187107	0.50362	-1.98563
cg13784195	ATP5J;ATP5J;ATP5J;ATP5J;ATP5J	0.00732337	0.212203	1.40571	1.40571	0.869571	1.04351	1.04351	0.0179416	2.10719	2.10719	0.000839623	3.67616	3.67616	0.461868	1.21423	1.21423
cg21141445	ATP5J;ATP5J;ATP5J;ATP5J;ATP5J	0.0126262	0.00165334	0.302467	-3.30615	0.0349712	0.520736	-1.92036	0.278922	0.741599	-1.34844	0.464665	1.2185	1.2185	0.796722	0.933749	-1.07095
cg14913946	ATP5J;ATP5J;ATP5J;ATP5J;ATP5J;GABPA	0.0410727	0.332803	0.92529	-1.08074	0.00355536	1.35937	1.35937	0.537422	1.04973	1.04973	0.0152176	1.26073	1.26073	0.646861	1.0365	1.0365
cg21890848	ATP5J;ATP5J;ATP5J;ATP5J;ATP5J;GABPA;ATP5J;GABPA;ATP5J;ATP5J;ATP5J;ATP5J	0.000300915	0.960712	1.01147	1.01147	0.0352372	0.566643	-1.76478	6.07E-05	0.17994	-5.5574	0.519685	1.16319	1.16319	4.31E-05	0.1654	-6.04593
cg15707568	ATP5J;ATP5J;ATP5J;ATP5J;GABPA;ATP5J	9.27E-05	0.0131605	0.614085	-1.62844	0.0119066	1.64521	1.64521	0.000671555	2.28236	2.28236	0.550257	1.10062	1.10062	3.23E-06	0.174159	-5.74188
cg12545570	ATP5J;ATP5J;ATP5J;ATP5J;GABPA;ATP5J	0.000767401	0.0182653	0.815647	-1.22602	0.00017459	1.57305	1.57305	0.881763	1.01064	1.01064	0.28561	0.924146	-1.08208	0.000888037	0.70175	-1.42501
cg19891733	ATP5J;ATP5J;ATP5J;ATP5J;GABPA;ATP5J	0.00361913	0.235815	1.14046	1.14046	0.111386	1.20135	1.20135	0.000224259	1.91464	1.91464	0.0331661	1.3014	1.3014	0.803502	1.02672	1.02672
cg24327803	ATP5J;ATP5J;ATP5J;ATP5J;GABPA;ATP5J	0.010912	0.0493731	1.28259	1.28259	0.0643145	1.25942	1.25942	0.00468862	0.658975	-1.51751	0.830966	0.976559	-1.024	0.0426943	1.2955	1.2955
cg25085950	ATP5J;ATP5J;ATP5J;ATP5J;GABPA;ATP5J	0.0201913	0.947682	1.01687	1.01687	0.0192718	2.05822	2.05822	0.0349263	1.87157	1.87157	0.381844	0.795565	-1.25697	?	?	?
cg02734782	ATP5L	0.00491522	0.00664292	0.345894	-2.89106	0.823949	0.935053	-1.06946	0.211631	1.48673	1.48673	0.579216	1.1839	1.1839	?	?	?
cg23245369	ATP5L	0.0162982	0.15214	1.29715	1.29715	0.110786	1.3427	1.3427	0.0240621	1.57833	1.57833	0.0373643	0.663815	-1.50644	0.573609	0.908068	-1.10124
cg06417752	ATP5L	0.0345981	0.0175604	0.296538	-3.37224	0.102326	0.471402	-2.12133	0.105351	0.475068	-2.10496	0.747593	0.872997	-1.14548	0.0168009	0.293052	-3.41236
cg12279405	ATP5L;ATP5L	0.0454666	0.00540932	0.551684	-1.81263	0.799833	1.04214	1.04214	0.239313	0.818571	-1.22164	0.0247989	0.647856	-1.54355	0.500558	1.11749	1.11749
cg15249164	ATP5O	0.0133943	0.244122	0.883646	-1.13167	0.00534556	1.45129	1.45129	0.414852	1.08829	1.08829	0.336463	1.10584	1.10584	0.976297	0.996989	-1.00302
cg13273548	ATP5O	0.0176215	0.505601	1.09784	1.09784	0.0222016	0.68464	-1.46062	0.00100037	0.509045	-1.96446	0.302454	1.15908	1.15908	0.107719	0.784601	-1.27453
cg05541125	ATP5O	0.045591	0.559679	0.882529	-1.13311	0.885973	1.03086	1.03086	0.0708955	1.53343	1.53343	0.00857492	0.491476	-2.03469	0.162114	0.728895	-1.37194
cg05346166	ATP5S;ATP5S;ATP5S;ATP5S;L2HGDH;ATP5S;ATP5S	0.00851926	0.9353	1.00771	1.00771	0.254115	0.893433	-1.11928	0.101954	1.18458	1.18458	0.021696	1.29794	1.29794	0.0006601	1.63819	1.63819
cg14421348	ATP5S;ATP5S;ATP5S;L2HGDH	4.63E-05	?	?	?	0.0128039	2.17787	2.17787	0.0724116	1.65645	1.65645	0.880478	1.0386	1.0386	0.342527	1.27914	1.27914
cg10384570	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.0017816	0.00188605	0.31857	-3.13903	0.000416251	0.233695	-4.27908	0.000546814	0.247964	-4.03284	0.377287	1.26521	1.26521	0.282175	0.748122	-1.33668
cg20117260	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.000471078	0.0284096	1.39338	1.39338	6.68E-05	2.55224	2.55224	0.50779	0.917443	-1.08999	0.133566	0.812602	-1.23061	0.0328704	0.726103	-1.37721
cg06734993	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.0013182	0.000851047	0.181616	-5.50612	0.0743263	0.508311	-1.9673	0.0501439	0.467679	-2.13822	0.00610737	0.295847	-3.38012	0.000637456	0.167839	-5.95809
cg08064261	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.00292239	0.0660956	0.882379	-1.1333	0.32132	1.06417	1.06417	0.238121	0.927742	-1.07789	0.236396	0.927461	-1.07821	0.0520659	0.874472	-1.14355
cg01555270	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.0105538	0.0504336	2.70862	2.70862	0.140106	0.495173	-2.0195	0.164749	0.51925	-1.92585	0.0101597	4.3639	4.3639	0.0892799	2.29996	2.29996
cg08685384	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.0121161	0.0198179	0.723533	-1.38211	0.72335	1.04173	1.04173	0.00518308	1.52881	1.52881	0.314183	1.1272	1.1272	0.854278	1.02137	1.02137
cg14054120	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.0359879	0.00100767	0.110586	-9.04273	0.552994	1.311	1.311	0.69026	0.834658	-1.19809	0.946283	1.03087	1.03087	0.834633	0.90999	-1.09891
cg18742441	ATP6AP1	3.84E-05	3.99E-06	0.00209328	-477.72	5.01E-05	0.0381353	-26.2224	0.172379	0.746166	-1.34018	0.788622	1.05188	1.05188	0.000368074	0.139778	-7.15419
cg10645377	ATP6AP1	0.00045882	0.340182	1.18901	1.18901	0.00010083	0.297029	-3.36668	0.00221177	0.469857	-2.12831	0.00450543	0.513367	-1.94793	5.17E-05	0.263425	-3.79615
cg24332600	ATP6AP1	0.0159794	0.43075	1.31421	1.31421	0.00988055	0.330342	-3.02716	0.0155328	0.36481	-2.74116	?	?	?	0.00288916	0.248602	-4.0225
cg24857545	ATP6AP1;GDI1	0.00946802	0.0056108	0.36616	-2.73105	0.0268019	0.484422	-2.06432	0.299824	1.34565	1.34565	0.0418697	1.91169	1.91169	0.660681	0.885104	-1.12981
cg07807695	ATP6AP1L	0.000275186	0.803091	1.05152	1.05152	0.00311272	2.2548	2.2548	0.270517	0.794001	-1.25944	0.604481	1.11078	1.11078	4.80E-05	0.214658	-4.65858
cg12116395	ATP6AP2	0.0321558	0.0225269	0.054091	-18.4874	0.111982	0.157592	-6.3455	0.0611225	0.105085	-9.51609	0.368997	0.37342	-2.67795	0.121418	0.1665	-6.00602
cg05299486	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.00130143	0.10503	0.617314	-1.61992	0.0199508	0.465364	-2.14885	0.00711721	0.388007	-2.57727	0.650679	1.13217	1.13217	4.99E-05	0.125805	-7.94879
cg22160735	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.00445976	0.108653	0.669558	-1.49352	0.0781455	1.56621	1.56621	0.329715	1.25934	1.25934	0.0196063	1.90873	1.90873	0.00619905	0.441247	-2.2663
cg06927775	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.00519079	0.0524301	0.466138	-2.14529	0.244228	0.655996	-1.5244	0.723266	0.88423	-1.13093	0.458185	0.769958	-1.29877	0.00150568	0.205449	-4.86739
cg15269394	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.00694845	0.0457464	0.358292	-2.79102	0.40515	1.46479	1.46479	0.0957985	0.440491	-2.2702	0.218264	1.78672	1.78672	0.00511672	0.190578	-5.24718
cg17176108	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.0286265	?	?	?	0.0076109	2.99175	2.99175	0.0924212	1.77946	1.77946	0.0716903	1.87244	1.87244	?	?	?
cg10064575	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.0350677	0.759108	1.04912	1.04912	0.959805	0.992174	-1.00789	0.180969	1.24784	1.24784	0.469584	1.12152	1.12152	0.0267558	1.50546	1.50546
cg17306339	ATP6V0A2	8.81E-05	1.55E-05	0.0651834	-15.3413	0.0077956	0.352187	-2.8394	0.00150804	0.247407	-4.04192	0.558152	0.8345	-1.19832	0.358336	0.74934	-1.33451
cg05195378	ATP6V0A2	0.00042876	0.0167869	0.675359	-1.48069	0.281533	1.16244	1.16244	0.978886	0.996447	-1.00357	0.0196911	0.684616	-1.46067	0.0133145	0.662026	-1.51051
cg02062348	ATP6V0A2	0.000937276	0.0012867	2.6085	2.6085	0.208044	0.76243	-1.3116	?	?	?	0.23025	0.77321	-1.29331	0.19679	0.756645	-1.32162
cg21179092	ATP6V0A2	0.0037861	0.052356	0.505281	-1.9791	0.111087	1.71091	1.71091	0.228314	1.47874	1.47874	0.0160702	0.401922	-2.48805	0.000331567	0.166548	-6.00426
cg06735598	ATP6V0A2	0.00503361	0.00128686	0.202334	-4.94232	0.808051	1.08642	1.08642	0.508823	1.25639	1.25639	0.148657	0.590052	-1.69477	0.00281026	0.246136	-4.06279
cg09767076	ATP6V0A2	0.026964	0.0496092	0.141107	-7.08683	0.00464174	0.0371813	-26.8952	0.0244775	0.0960321	-10.4132	0.839204	1.19437	1.19437	0.0152755	0.073978	-13.5175
cg14975015	ATP6V0A4;ATP6V0A4;ATP6V0A4	2.16E-05	0.791405	1.0376	1.0376	0.283942	0.856427	-1.16764	0.000586096	0.477222	-2.09546	0.0124339	1.54205	1.54205	8.48E-06	0.259324	-3.85618
cg10224783	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.00129995	0.067748	0.748524	-1.33596	0.343786	1.14803	1.14803	0.0041971	0.581097	-1.72088	0.797648	0.964284	-1.03704	3.19E-05	0.317875	-3.14589
cg02723458	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.00253877	0.848379	1.04262	1.04262	0.00388221	2.33522	2.33522	0.0214291	1.8271	1.8271	0.000180888	0.251131	-3.98199	0.0627922	0.63346	-1.57863
cg13630739	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.00664638	0.015375	0.419374	-2.3845	0.120233	0.611147	-1.63627	0.0549004	0.529395	-1.88895	0.84778	0.945404	-1.05775	0.002169	0.284462	-3.5154
cg06442148	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.00865192	0.27783	0.743014	-1.34587	0.290785	1.3345	1.3345	0.0108099	0.430568	-2.32251	0.577471	0.86232	-1.15966	0.000328647	0.217187	-4.60433
cg21048168	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.0143482	0.326634	1.34432	1.34432	0.00714875	2.75905	2.75905	0.152594	1.56462	1.56462	0.615223	1.1596	1.1596	0.647664	1.1439	1.1439
cg24007833	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.0409204	0.4953	0.870971	-1.14814	0.00459927	0.471171	-2.12237	0.0431372	0.628626	-1.59077	0.21831	0.772326	-1.29479	0.257308	0.789887	-1.266
cg05030351	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.0440542	0.180205	1.20435	1.20435	0.0600394	1.31939	1.31939	0.594369	0.932185	-1.07275	0.265111	1.16386	1.16386	0.701511	0.950928	-1.0516
cg17093826	ATP6V0A4;ATP6V0A4;ATP6V0A4;ATP6V0A4	0.00787456	0.0140058	4.40358	4.40358	0.012584	4.55427	4.55427	0.0903924	2.48845	2.48845	0.30116	0.592496	-1.68778	0.0152769	4.28552	4.28552
cg02491878	ATP6V0A4;TMEM213;ATP6V0A4	0.00158022	0.127793	1.31725	1.31725	0.0501758	1.45307	1.45307	0.000505836	0.402706	-2.4832	0.0261822	1.55498	1.55498	0.000670002	0.418553	-2.38918
cg13402672	ATP6V0B;ATP6V0B	0.00124151	0.159904	0.550985	-1.81493	0.000249406	0.0907896	-11.0145	0.00355853	0.208513	-4.79586	0.0054422	0.234205	-4.26976	0.000222401	0.0871539	-11.474
cg10494282	ATP6V0B;ATP6V0B	0.0284355	0.982374	0.997651	-1.00235	0.192273	1.15827	1.15827	0.667846	0.955083	-1.04703	0.443531	0.920196	-1.08672	0.762063	1.03286	1.03286
cg19903333	ATP6V0B;ATP6V0B	0.0384339	0.310794	0.851506	-1.17439	0.0108869	1.63235	1.63235	0.0359573	1.45354	1.45354	0.109683	0.765437	-1.30644	0.0522022	1.40284	1.40284
cg12646642	ATP6V0B;ATP6V0B;ATP6V0B	0.011114	0.679888	0.972491	-1.02829	0.0607149	1.15276	1.15276	0.0370481	1.17679	1.17679	0.0453386	0.85697	-1.1669	0.598972	1.03632	1.03632
cg22815031	ATP6V0B;ATP6V0B;ATP6V0B;ATP6V0B	0.0140593	0.274554	0.789812	-1.26612	0.0113442	0.517907	-1.93085	0.0423371	0.615492	-1.62472	0.255062	0.78143	-1.27971	0.151879	0.727148	-1.37524
cg20685020	ATP6V0B;ATP6V0B;ATP6V0B;ATP6V0B	0.014141	0.119476	1.60875	1.60875	0.472362	0.81407	-1.2284	0.0435181	0.520349	-1.92179	0.218932	0.694986	-1.43888	0.031405	0.491462	-2.03474
cg05884711	ATP6V0C	0.00402388	0.481541	0.815339	-1.22648	0.0308098	2.06214	2.06214	0.886203	0.95996	-1.04171	0.00121173	3.86524	3.86524	0.140605	0.636141	-1.57198
cg08770761	ATP6V0C	0.00775872	0.24112	1.14213	1.14213	0.114723	1.20416	1.20416	0.095415	1.21946	1.21946	0.000285124	1.89984	1.89984	0.682377	1.04557	1.04557
cg01611626	ATP6V0C	0.0112205	0.917429	1.04079	1.04079	0.00529745	4.12477	4.12477	0.00246389	5.0706	5.0706	0.106861	0.507262	-1.97137	0.717793	0.869416	-1.1502
cg10502232	ATP6V0C;ATP6V0C	0.00107292	0.0690218	0.574663	-1.74015	0.920071	1.0277	1.0277	0.748935	1.09136	1.09136	0.0830544	0.593036	-1.68624	0.476847	0.821238	-1.21767
cg04726373	ATP6V0D1	3.64E-05	0.400561	0.767961	-1.30215	2.40E-06	0.0297171	-33.6506	0.000109235	0.123579	-8.09202	0.0663097	1.88126	1.88126	0.906441	0.964568	-1.03673
cg19815928	ATP6V0D1	0.000242655	8.56E-06	0.149279	-6.69889	0.864771	0.967069	-1.03405	0.369663	1.1984	1.1984	0.00329749	2.19551	2.19551	0.0873145	1.44894	1.44894
cg07751266	ATP6V0D1	0.000369325	?	?	?	0.00943162	0.668197	-1.49656	0.617253	0.940132	-1.06368	0.0308923	0.733045	-1.36417	0.104355	0.804497	-1.24301
cg12440380	ATP6V0D1	0.000409221	0.180604	0.532579	-1.87765	0.052197	2.66083	2.66083	0.0492144	2.70426	2.70426	7.27E-06	0.01246	-80.2568	0.763769	0.874967	-1.1429
cg09262011	ATP6V0D1	0.000726149	6.38E-05	0.245531	-4.0728	0.0665761	1.48115	1.48115	0.761441	1.05987	1.05987	0.00576624	0.501158	-1.99538	0.000419035	0.34369	-2.9096
cg08830672	ATP6V0D1	0.00109856	0.000704091	0.0820778	-12.1836	0.0130438	0.225143	-4.44161	0.0159817	0.239786	-4.17038	0.152005	0.475717	-2.10209	0.000993142	0.0936595	-10.677
cg27150460	ATP6V0D1	0.00320968	0.0097284	0.451145	-2.21658	0.0119647	0.466166	-2.14516	0.167981	0.699314	-1.42997	0.300078	0.769986	-1.29872	0.0279064	0.531337	-1.88204
cg08973927	ATP6V0D1	0.00526931	0.00365383	0.434575	-2.3011	0.360872	1.22033	1.22033	0.142846	0.716152	-1.39635	0.000887206	2.87408	2.87408	0.150128	0.721056	-1.38686
cg16630770	ATP6V0D1	0.00533968	0.000991363	0.605306	-1.65206	0.217593	0.875392	-1.14235	0.0019039	0.636808	-1.57033	0.0685625	1.23267	1.23267	0.0101074	0.716801	-1.39509
cg02089487	ATP6V0D1	0.00591432	0.0130518	0.561554	-1.78077	0.000457388	2.81283	2.81283	0.177388	0.76443	-1.30816	0.279818	0.810158	-1.23433	0.0631355	0.675936	-1.47943
cg02600514	ATP6V0D1	0.0177203	0.510632	0.789634	-1.26641	0.0116958	0.327894	-3.04977	0.0658482	0.481647	-2.07621	0.00938934	0.311702	-3.20819	0.0277612	0.39823	-2.51111
cg10189135	ATP6V0D1	0.0177443	0.0102245	0.39736	-2.51661	0.0386348	0.505215	-1.97935	0.249768	0.709735	-1.40898	0.825689	0.939062	-1.06489	0.0173225	0.437704	-2.28465
cg05966241	ATP6V0D1	0.0308168	0.38276	0.793895	-1.25961	0.349118	0.779936	-1.28216	0.0551204	0.5708	-1.75193	0.724462	1.09556	1.09556	0.109527	0.637689	-1.56816
cg07871059	ATP6V0D1;AGRP;AGRP	0.000849618	0.000468156	0.168846	-5.92255	0.000934003	0.202371	-4.94142	0.0209115	0.407017	-2.4569	0.0200969	0.403728	-2.47692	0.00131572	0.220455	-4.53607
cg27040884	ATP6V0D2	0.013504	0.157256	0.701021	-1.42649	0.450234	1.19803	1.19803	0.402698	1.22278	1.22278	0.0425714	0.577896	-1.73042	0.00162784	0.346364	-2.88713
cg06689659	ATP6V0D2	0.0370916	0.583288	1.27424	1.27424	0.69129	1.19077	1.19077	0.450461	0.714359	-1.39986	0.39437	0.682756	-1.46465	0.00400709	0.184229	-5.42803
cg02589459	ATP6V0E1	3.59E-05	0.000896653	1.42806	1.42806	0.00236804	0.737985	-1.35504	0.0704745	0.865117	-1.15591	0.134728	1.12252	1.12252	0.231122	1.0942	1.0942
cg20225275	ATP6V0E1	0.00103819	0.00112195	0.456448	-2.19083	0.536462	0.90272	-1.10776	0.182455	1.26028	1.26028	0.636948	1.08083	1.08083	0.000175577	0.353306	-2.83041
cg09738214	ATP6V0E1	0.00275123	0.157924	0.691296	-1.44656	0.451198	0.828851	-1.20649	0.0339543	0.545876	-1.83192	0.928912	0.978417	-1.02206	7.38E-05	0.171744	-5.82262
cg07830644	ATP6V0E1	0.00398289	0.0114373	0.52289	-1.91245	0.00257982	0.424904	-2.35347	0.0613879	0.649345	-1.54001	0.338657	0.817043	-1.22393	0.00194216	0.407326	-2.45504
cg27620052	ATP6V0E1	0.0116547	0.0858219	0.306242	-3.26539	0.00447746	10.6181	10.6181	0.295441	1.96658	1.96658	0.477138	0.637271	-1.56919	0.0211765	0.177747	-5.62596
cg19809988	ATP6V0E2;ATP6V0E2;LOC401431	0.0204817	0.293011	1.25237	1.25237	0.119031	1.41768	1.41768	0.000779	2.85372	2.85372	0.0114092	1.92168	1.92168	0.4094	1.19011	1.19011
cg06961439	ATP6V0E2;ATP6V0E2;LOC401431	0.0410729	0.030176	1.46229	1.46229	0.441518	1.12411	1.12411	0.0037007	1.79445	1.79445	0.0286603	1.46932	1.46932	0.416127	1.1319	1.1319
cg27527018	ATP6V0E2;ATP6V0E2;LOC401431	0.0464295	0.018013	1.9181	1.9181	0.0369941	1.73156	1.73156	0.0162968	1.94598	1.94598	0.0675339	1.59082	1.59082	0.743189	1.07737	1.07737
cg02292206	ATP6V0E2;LOC401431;ATP6V0E2	1.22E-05	0.0376637	0.703986	-1.42048	6.17E-06	0.229367	-4.35982	0.00213784	1.8738	1.8738	0.810917	1.03551	1.03551	2.46E-05	0.294685	-3.39345
cg18934443	ATP6V0E2;LOC401431;ATP6V0E2	0.00167524	0.00552741	0.247596	-4.03884	0.000645129	0.134779	-7.41956	0.300796	0.663347	-1.50751	0.343083	1.45343	1.45343	0.00690798	0.262231	-3.81343

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14355581	0.063068	0.626363	-1.59652	0.699708	1.09059	1.09059	0.902048	0.972826	-1.02793	0.000146114	0.231694	-4.31604	7.88372	6.25125	0.704829	1
cg03818583	0.355067	0.508062	-1.96826	0.00913935	0.0947288	-10.5565	0.126879	0.308756	-3.2388	0.061593	0.223432	-4.47563	3.5404	28.4071	7.13219	1
cg19186089	0.000546472	0.168649	-5.92947	0.0153131	0.372846	-2.68207	0.0138506	0.364987	-2.73982	0.00369121	0.272409	-3.67095	11.3926	19.8165	1.54616	1
cg10130401	0.000578452	0.560283	-1.78481	0.00842828	0.693449	-1.44207	0.228588	0.871539	-1.1474	0.00676724	1.46512	1.46512	7.70983	1.44569	0.166677	1
cg00523425	0.00242141	0.621442	-1.60916	0.944872	0.992241	-1.00782	0.108468	0.821004	-1.21802	0.748254	0.964379	-1.03694	5.65719	1.13681	0.178622	1
cg26023938	0.931271	1.01824	1.01824	0.000992275	0.358676	-2.78803	0.759206	1.06656	1.06656	0.189455	1.33818	1.33818	5.26031	3.65946	0.618377	1
cg24070195	0.190964	1.14906	1.14906	0.00237843	0.65372	-1.52971	0.430747	0.922472	-1.08404	0.656921	0.956134	-1.04588	4.0598	0.647412	0.14175	1
cg23708347	0.0559634	0.558664	-1.78998	0.234081	0.721983	-1.38507	0.821715	1.05969	1.05969	0.00172865	0.267168	-3.74297	4.89483	4.3249	0.662674	1
cg01847110	0.0981984	0.702726	-1.42303	0.248494	0.79086	-1.26445	0.0133223	0.550793	-1.81556	0.239872	0.787128	-1.27044	3.49244	2.09251	0.532582	1
cg06868955	1.57E-05	0.178164	-5.6128	1.38E-05	0.17272	-5.78971	1.08E-05	0.162951	-6.13683	0.000317871	0.323884	-3.08752	41.1814	24.3853	0.526351	1
cg03956243	0.0965568	0.754003	-1.32626	0.549164	1.09834	1.09834	0.071316	1.3658	1.3658	0.731617	0.948112	-1.05473	6.18601	2.34667	0.337201	1
cg12097550	0.0353904	0.386168	-2.58955	0.00616771	0.249701	-4.00479	0.0117533	0.294543	-3.39509	0.109278	0.507519	-1.97037	5.7507	13.7391	2.12367	1
ch.12.1121679f	0.291308	0.721165	-1.38664	0.115506	0.600028	-1.66659	0.447554	1.25996	1.25996	0.79804	1.07955	1.07955	5.42758	7.66049	1.25458	1
cg04566900	0.930391	0.974328	-1.02635	0.664109	0.878042	-1.1389	0.326128	0.739491	-1.35228	0.319091	1.35867	1.35867	3.66399	5.14201	1.24746	1
cg15007132	0.0462921	0.827802	-1.20802	0.0175459	0.787209	-1.27031	0.684604	1.03438	1.03438	0.0401862	1.21684	1.21684	3.90845	0.424189	0.0964723	1
cg25920645	0.313473	1.35459	1.35459	0.00178762	3.6475	3.6475	0.181199	1.51172	1.51172	0.709996	1.11488	1.11488	9.53908	12.804	1.19313	1
cg00455450	0.102553	0.574429	-1.74086	0.228167	0.675346	-1.48072	0.00115459	0.227231	-4.40081	0.205206	0.660478	-1.51405	5.08003	7.74828	1.35577	1
cg04928692	0.485989	0.692366	-1.44432	0.0892011	0.377812	-2.64682	0.735123	1.19285	1.19285	0.019363	0.230257	-4.34297	3.55435	13.4952	3.79682	1
cg15715969	0.0030125	0.289724	-3.45156	0.914959	0.967987	-1.03307	0.995226	1.00182	1.00182	0.134497	0.611687	-1.63482	6.35742	9.34206	1.3062	1
cg08515779	0.368924	0.864123	-1.15724	0.137412	0.776318	-1.28813	0.0272509	1.51211	1.51211	0.730272	1.0563	1.0563	4.0559	1.60881	0.352585	1
cg13048147	0.909429	0.945178	-1.058	0.00164894	0.107311	-9.31872	0.220342	0.528115	-1.89353	0.966054	1.02131	1.02131	4.54583	17.673	3.45578	1
cg00976054	0.280408	0.834555	-1.19824	0.0646536	0.715679	-1.39727	0.111392	1.32248	1.32248	0.264225	0.828963	-1.20633	4.20683	1.73109	0.365774	1
cg17966435	0.000967088	0.0378809	-26.3986	?	?	?	0.0120765	0.132346	-7.55598	0.603455	1.38717	1.38717	6.96476	37.3336	4.69031	1
cg09595537	0.127697	1.18065	1.18065	0.184126	0.867569	-1.15265	0.365407	1.09831	1.09831	0.0400945	1.27022	1.27022	3.93333	0.633342	0.143128	1
cg27048140	0.0045455	0.427046	-2.34167	0.00531084	0.437394	-2.28627	0.00766538	2.16292	2.16292	0.0619421	0.623027	-1.60507	9.64059	7.73672	0.713346	1
cg18882091	0.288614	0.739398	-1.35245	0.00032794	0.203822	-4.90625	0.228725	1.4137	1.4137	0.0233378	0.475802	-2.10171	9.54894	11.3599	1.05746	1
cg03665605	0.744766	0.892068	-1.12099	0.227659	0.642248	-1.55703	0.00683844	0.293807	-3.40359	0.0187252	0.369308	-2.70777	9.38712	18.1744	1.72098	1
cg17047021	0.00676226	0.590597	-1.6932	0.00281157	0.539321	-1.85418	0.0854319	0.751851	-1.33005	0.354324	1.15366	1.15366	6.22455	2.21832	0.316784	1
cg18425087	0.61348	1.046	1.046	0.968606	0.996531	-1.00348	0.477614	0.93824	-1.06583	0.0213038	1.27679	1.27679	5.58859	0.689979	0.109744	1
cg08692828	0.239222	0.7547	-1.32503	0.22553	0.747791	-1.33727	0.00334749	2.48846	2.48846	0.69276	0.913311	-1.09492	4.90143	4.04746	0.73402	1
cg10707775	0.0172745	0.383003	-2.61095	0.0357553	0.445502	-2.24466	0.0221834	2.47777	2.47777	0.213169	0.648027	-1.54315	4.46109	7.73678	1.54158	1
cg01196388	0.0456	1.32434	1.32434	0.194423	0.845162	-1.18321	0.81696	0.971987	-1.02882	0.0861707	1.26156	1.26156	3.98378	0.947558	0.211426	1
cg02578476	0.335759	0.749081	-1.33497	0.438048	1.2589	1.2589	0.982252	1.0065	1.0065	0.423846	0.7884	-1.26839	3.83005	5.13903	1.19268	1
cg20672245	0.60178	1.08531	1.08531	0.0392587	0.690117	-1.44903	0.0477766	0.703329	-1.42181	0.986858	1.00256	1.00256	3.60438	1.38022	0.340382	1
cg13784195	0.0473369	1.80043	1.80043	0.0549573	0.568926	-1.7577	0.00345565	2.79795	2.79795	0.377134	1.26473	1.26473	6.52248	6.93765	0.945468	1
cg21141445	0.00229512	0.322461	-3.10116	0.767155	0.924178	-1.08204	0.716538	1.10167	1.10167	0.0293958	0.505975	-1.97638	5.48208	6.12256	0.99274	1
cg14913946	0.280874	0.916573	-1.09102	0.222852	0.90524	-1.10468	0.858678	1.01395	1.01395	0.564708	1.04629	1.04629	3.64735	0.348945	0.0850407	1
cg21890848	0.018815	0.517282	-1.93318	0.980452	1.00569	1.00569	0.0154881	1.98939	1.98939	0.0205724	0.524092	-1.90806	16.4364	13.9644	0.755202	1
cg15707568	0.0836118	1.35491	1.35491	0.733422	0.947219	-1.05572	0.849909	0.970397	-1.03051	0.494033	1.11646	1.11646	22.5938	9.00325	0.354207	1
cg12545570	0.00217452	0.736426	-1.35791	0.215771	0.911496	-1.0971	0.495468	0.951961	-1.05046	0.0864081	1.14424	1.14424	12.6796	1.01603	0.0712279	1
cg19891733	0.645311	0.952152	-1.05025	0.59746	1.05799	1.05799	0.0119043	1.39384	1.39384	0.000854036	1.69896	1.69896	8.09227	1.43433	0.157553	1
cg24327803	0.00650372	0.6754	-1.4806	0.350373	0.898831	-1.11256	0.21914	0.866408	-1.15419	0.755677	1.03524	1.03524	5.74737	1.12079	0.173341	1
cg25085950	0.937439	0.980182	-1.02022	0.00371189	0.368018	-2.71726	0.524663	0.84841	-1.17868	0.206534	0.711966	-1.40456	4.77438	4.37037	0.91538	1
cg02734782	0.000282389	0.167223	-5.98005	0.0874955	0.566364	-1.76565	0.070246	0.543409	-1.84024	0.440295	1.26767	1.26767	7.53535	9.63539	1.27869	1
cg23245369	0.67994	1.07289	1.07289	0.00199268	0.476972	-2.09656	0.554853	0.903662	-1.10661	0.636201	0.922368	-1.08417	5.03992	2.29593	0.404932	1
cg06417752	0.119782	0.491644	-2.03399	0.00303795	0.181177	-5.51946	0.0803078	0.442153	-2.26166	0.0725226	0.430464	-2.32308	3.88332	10.8827	2.49104	1
cg12279405	0.238546	0.818279	-1.22208	0.199759	1.24617	1.24617	0.369633	1.16147	1.16147	0.316468	1.18323	1.18323	3.51193	1.46804	0.37157	1
cg15249164	0.314672	1.11132	1.11132	0.00288936	0.659777	-1.51566	0.0334687	1.28686	1.28686	0.226365	1.13763	1.13763	5.37734	0.87757	0.145065	1
cg13273548	0.696203	0.947218	-1.05572	0.965973	0.994122	-1.00591	0.107783	1.27447	1.27447	0.775289	1.04035	1.04035	4.91006	1.48516	0.268865	1
cg05541125	0.012035	0.515055	-1.94154	0.756556	0.936244	-1.0681	0.31005	0.800488	-1.24924	0.474329	1.16666	1.16666	3.50833	2.49379	0.63184	1
cg05346166	0.121349	1.17225	1.17225	0.00668837	1.39499	1.39499	0.384374	0.919069	-1.08806	0.547221	0.943992	-1.05933	6.21957	0.881969	0.126049	1
cg14421348	0.140338	1.49084	1.49084	8.29E-07	0.0363458	-27.5135	0.650198	0.891429	-1.12179	0.750989	0.922982	-1.08345	27.8749	24.8695	0.892183	1
cg10384570	0.376511	1.26572	1.26572	0.941462	0.981111	-1.01925	0.804908	0.937761	-1.06637	0.0066976	0.401222	-2.49238	9.97145	10.6478	0.949178	1
cg20117260	0.0178232	0.691164	-1.44683	0.00561452	1.59402	1.59402	0.000958234	1.87928	1.87928	0.367224	0.887999	-1.12613	14.5285	3.78415	0.231523	1
cg06734993	0.0171942	0.372346	-2.68567	0.000243666	0.126951	-7.87707	0.00129188	0.202786	-4.93131	0.0346007	0.432389	-2.31273	10.8757	19.9462	1.63024	1
cg08064261	0.217806	0.924327	-1.08187	0.00136944	0.75434	-1.32566	0.000690879	1.36941	1.36941	0.0902948	1.11997	1.11997	8.62496	0.503246	0.0518645	1
cg01555270	0.0698984	2.46686	2.46686	?	?	?	0.572577	1.28404	1.28404	0.00466732	0.178143	-5.61346	6.71159	17.7275	2.31116	1
cg08685384	0.0152074	0.70966	-1.40913	0.882696	1.01713	1.01713	0.00830157	0.678296	-1.47428	0.682177	0.953741	-1.0485	5.55611	1.16446	0.186295	1
cg14054120	0.985478	0.991822	-1.00825	0.0231835	0.293857	-3.40302	0.764751	1.145	1.145	0.833743	1.09948	1.09948	3.8283	12.3433	2.86598	1
cg18742441	?	?	?	?	?	?	?	?	?	0.301936	1.23237	1.23237	262.331	85.0049	0.216024	1
cg10645377	0.840601	1.0361	1.0361	0.608712	0.913081	-1.09519	0.823741	1.04007	1.04007	0.222739	0.797999	-1.25313	14.6349	7.18907	0.436646	1
cg24332600	0.419734	1.32326	1.32326	0.331189	1.40586	1.40586	0.880117	0.950015	-1.05261	0.338556	0.715213	-1.39819	5.16861	8.39966	1.62513	1
cg24857545	0.119116	1.59573	1.59573	0.00519105	0.360857	-2.77118	0.42245	1.25407	1.25407	0.0733096	0.575924	-1.73634	6.01465	7.27203	1.07471	1
cg07807695	0.29533	0.803963	-1.24384	0.0244721	0.58339	-1.71412	0.000281008	3.30025	3.30025	0.0192219	1.76738	1.76738	16.8431	10.7838	0.569113	1
cg12116395	0.0346208	0.0720742	-13.8746	0.00285794	0.0125004	-79.9972	0.0457508	0.0867197	-11.5314	0.0216139	0.0526071	-19.0088	3.98694	71.9727	16.0463	1
cg05299486	0.823582	0.941005	-1.06269	0.00129492	0.279037	-3.58375	0.303799	1.33648	1.33648	0.253743	0.722833	-1.38344	10.9156	12.8208	1.04403	1
cg22160735	0.619887	1.12145	1.12145	0.00448593	0.419546	-2.38353	0.0083071	2.16721	2.16721	0.0966975	0.658347	-1.51896	7.5984	6.32407	0.739813	1
cg06927775	0.180256	0.611138	-1.63629	0.000212342	0.117435	-8.51537	0.941882	1.02555	1.02555	0.0194988	0.376412	-2.65667	7.25509	13.7608	1.68597	1
cg15269394	0.307902	1.6048	1.6048	0.00408514	0.177814	-5.62387	0.00963707	4.34194	4.34194	0.271619	0.598768	-1.6701	6.63038	21.0911	2.82754	1
cg17176108	0.068065	1.89201	1.89201	0.0054666	3.22608	3.22608	0.71671	0.894232	-1.11828	0.493016	1.23855	1.23855	4.74045	5.37269	1.13337	1
cg10064575	0.301647	1.18154	1.18154	0.00208281	0.508954	-1.96481	0.888288	0.978328	-1.02215	0.841323	0.969236	-1.03174	3.86443	1.48728	0.342102	1
cg17306339	0.0289794	0.45544	-2.19568	1.07E-05	0.0566885	-17.6403	0.430848	0.782208	-1.27843	0.00012171	0.128754	-7.76676	22.9017	33.8528	1.31393	1
cg05195378	8.22E-06	0.270043	-3.70311	?	?	?	0.96277	0.993742	-1.0063	0.762872	0.96012	-1.04154	15.2774	3.89046	0.254655	1
cg02062348	?	?	?	0.460092	0.857541	-1.16612	0.000144557	0.262487	-3.80972	0.0114268	0.523704	-1.90948	12.6295	6.49624	0.58785	1
cg21179092	0.225644	0.674575	-1.48241	0.072732	1.85777	1.85777	0.14661	1.61936	1.61936	0.18546	1.54405	1.54405	7.98345	12.1024	1.34749	1
cg06735598	0.264416	0.672913	-1.48608	0.000608826	0.165486	-6.04282	0.176654	0.613157	-1.6309	0.580431	0.826846	-1.20941	7.3236	13.4522	1.63273	1
cg09767076	0.105461	0.213035	-4.69406	0.0206046	0.0873483	-11.4484	0.579301	0.612879	-1.63164	0.0376558	0.121486	-8.23139	4.24365	51.368	10.7597	1
cg14975015	0.314236	0.865105	-1.15593	2.01E-06	0.195399	-5.11774	0.381128	1.13323	1.13323	0.000462605	0.464358	-2.15351	33.1882	10.1893	0.272902	1
cg10224783	0.149132	0.803335	-1.24481	0.120803	0.788079	-1.26891	0.128283	0.792375	-1.26203	0.00264423	0.554962	-1.80193	10.9192	3.46518	0.282086	1
cg02723458	0.348901	1.23405	1.23405	0.88439	1.03224	1.03224	0.760578	1.06892	1.06892	0.817459	0.950829	-1.05171	8.99122	6.77251	0.669543	1
cg13630739	0.580803	0.849634	-1.17698	0.000341371	0.185391	-5.39401	0.0756834	0.561223	-1.78182	0.041261	0.502663	-1.9894	6.72272	9.08788	1.20161	1
cg06442148	0.305888	1.32186	1.32186	0.402823	1.25276	1.25276	0.202776	0.701933	-1.42464	0.100054	0.622316	-1.6069	6.18925	6.7911	0.975326	1
cg21048168	0.0583671	1.86816	1.86816	0.19674	1.48999	1.48999	0.000419002	5.12515	5.12515	0.0493141	1.92618	1.92618	5.25721	7.10787	1.2018	1
cg24007833	0.0616479	0.657065	-1.52192	0.0629124	1.51809	1.51809	0.802406	1.0513	1.0513	0.224758	0.775375	-1.2897	3.65236	2.30261	0.560394	1
cg05030351	0.83097	1.02832	1.02832	0.187738	0.833271	-1.20009	0.00344571	0.595121	-1.68033	0.272101	0.861259	-1.16109	3.55363	0.960757	0.240319	1
cg17093826	0.478111	1.42242	1.42242	0.000846704	11.6019	11.6019	0.0112797	4.71451	4.71451	0.0479868	3.01763	3.01763	6.37576	24.1043	3.36055	1
cg02491878	0.433704	1.14304	1.14304	0.0640202	0.70586	-1.41671	0.0415312	0.674808	-1.4819	0.316133	0.840764	-1.18939	10.3234	4.57907	0.394278	1
cg13402672	0.00422472	0.218628	-4.57397	0.00403038	0.215818	-4.63354	0.0792061	0.461388	-2.16737	0.012522	0.291432	-3.43133	11.0638	27.6077	2.21806	1
cg10494282	0.384183	0.909381	-1.09965	0.000651154	0.573206	-1.74457	0.701508	0.95983	-1.04185	0.197812	1.15594	1.15594	4.16506	0.747624	0.159555	1
cg19903333	0.670692	0.936542	-1.06776	0.447407	0.88808	-1.12603	0.937163	0.987987	-1.01216	0.127717	0.776902	-1.28716	3.73757	1.39085	0.330779	1
cg12646642	0.00751927	0.793523	-1.2602	0.00663833	0.789102	-1.26726	?	?	?	0.698095	1.02655	1.02655	5.82638	0.370758	0.0636344	1
cg22815031	0.0860295	0.674539	-1.48249	0.0174636	1.82305	1.82305	0.0156529	1.84961	1.84961	0.266379	0.786347	-1.2717	5.29253	3.61088	0.606453	1
cg20685020	0.0263866	0.47664	-2.09802	0.00179579	0.286512	-3.49026	0.0109201	0.40694	-2.45737	0.882845	0.959352	-1.04237	5.28245	6.62586	1.11495	1
cg05884711	0.979164	1.00748	1.00748	0.0818079	0.576755	-1.73384	0.00110931	3.94089	3.94089	0.0269719	2.11165	2.11165	7.83841	10.1096	1.14645	1
cg08770761	0.486165	1.07965	1.07965	0.0898432	0.816684	-1.22446	0.0992548	1.21618	1.21618	0.00902281	1.43264	1.43264	6.40551	1.18997	0.165131	1
cg01611626	0.763511	1.12338	1.12338	0.0219368	0.346489	-2.88609	0.874913	1.06262	1.06262	0.242287	0.623859	-1.60293	5.69595	13.4101	2.09273	1
cg10502232	9.87E-06	0.0753149	-13.2776	0.894084	1.03693	1.03693	0.268932	0.730894	-1.36819	0.93298	0.97736	-1.02316	11.5337	13.5415	1.04362	1
cg04726373	0.0025515	0.276858	-3.61196	6.71E-05	0.106395	-9.3989	0.000602761	0.19726	-5.06944	0.00140141	0.241778	-4.13602	28.9417	43.1527	1.32535	1
cg19815928	0.327461	1.21967	1.21967	0.984824	1.00374	1.00374	0.0320073	1.63813	1.63813	0.00728892	1.97355	1.97355	17.431	10.6541	0.543301	1
cg07751266	0.696092	0.953041	-1.04927	4.95E-06	0.279134	-3.58251	0.0198762	0.708602	-1.41123	0.216041	0.852548	-1.17295	15.9209	3.36497	0.211356	1
cg12440380	0.249162	0.586391	-1.70535	0.0637521	0.3971	-2.51825	0.238962	1.72724	1.72724	0.273271	1.65742	1.65742	15.1049	46.9805	2.76469	1
cg09262011	0.129674	0.731528	-1.367	0.0740051	1.46261	1.46261	0.922153	0.981508	-1.01884	0.411732	0.851912	-1.17383	12.8778	7.43706	0.513341	1
cg08830672	0.00439359	0.158623	-6.30427	0.000161792	0.0442649	-22.5913	0.0021699	0.124553	-8.02874	0.00684214	0.183461	-5.45076	11.4565	42.525	3.29943	1
cg27150460	0.00581968	0.415174	-2.40863	0.000498754	0.265607	-3.76496	0.000820571	0.293116	-3.41162	0.00671954	0.425057	-2.35263	8.38791	7.87042	0.834049	1
cg08973927	0.0910487	0.673947	-1.4838	0.46711	0.854818	-1.16984	0.435848	1.18357	1.18357	0.0635562	1.55615	1.55615	7.22182	5.14025	0.632681	1
cg16630770	0.0545695	0.799518	-1.25075	0.568174	1.06097	1.06097	0.771128	1.03038	1.03038	0.414729	0.918018	-1.0893	7.19253	1.19914	0.148196	1
cg02089487	0.326939	0.827259	-1.20881	0.132607	1.35538	1.35538	0.175491	0.763415	-1.3099	0.516407	0.884011	-1.13121	6.97003	3.87609	0.494318	1
cg02600514	0.00638237	0.2847	-3.51247	0.00562665	0.276266	-3.61971	0.984816	1.00676	1.00676	0.61371	0.835133	-1.19741	4.90085	9.72433	1.76374	1
cg10189135	0.757983	0.915667	-1.0921	0.00146331	0.269905	-3.70501	0.0204825	0.45115	-2.21656	0.10802	0.606616	-1.64849	4.89863	6.3041	1.14392	1
cg05966241	0.0138841	0.456657	-2.18983	0.00212578	0.328453	-3.04457	0.0304413	0.518971	-1.92689	0.11342	0.641345	-1.55922	4.04797	4.26277	0.936058	1
cg07871059	0.00334176	0.274794	-3.63909	0.000330195	0.153344	-6.5213	0.00119425	0.215243	-4.64591	0.00487861	0.29913	-3.34303	12.3214	20.4143	1.47272	1
cg27040884	0.0247035	0.533617	-1.874	0.0290868	1.82953	1.82953	0.773427	1.07014	1.07014	0.845644	0.955258	-1.04684	5.36299	4.68474	0.776472	1
cg06689659	0.734584	0.86169	-1.16051	0.00415895	0.186318	-5.36718	0.241447	0.584863	-1.7098	0.0929483	0.445491	-2.24471	3.78645	11.4755	2.69394	1
cg02589459	0.266018	0.920291	-1.08661	1.66E-06	0.422344	-2.36774	0.0153595	1.23766	1.23766	0.000796044	0.695537	-1.43774	29.0472	2.363	0.0723115	1
cg20225275	0.00296105	1.94825	1.94825	0.0144335	0.610845	-1.63708	0.317291	0.844497	-1.18414	0.532677	1.10885	1.10885	11.6421	4.92867	0.376311	1
cg09738214	0.84331	1.04958	1.04958	0.0203498	0.504689	-1.98142	0.604628	1.13624	1.13624	0.00329839	0.37574	-2.66142	8.78048	8.3155	0.841817	1
cg07830644	0.0266641	0.583856	-1.71275	0.000366477	0.310589	-3.21969	0.0225336	0.571355	-1.75023	0.308805	0.805899	-1.24085	7.86264	5.22681	0.590903	1
cg27620052	0.900113	0.924712	-1.08142	0.0161836	0.159831	-6.25662	0.0603936	3.74355	3.74355	0.118968	0.348265	-2.87138	5.62648	34.6222	5.46973	1
cg19809988	0.959892	1.01043	1.01043	0.154065	1.36995	1.36995	0.63084	0.904943	-1.10504	0.0456362	1.60444	1.60444	4.66663	3.14531	0.599112	1
cg06961439	0.0731122	1.3471	1.3471	0.248361	0.835366	-1.19708	0.317525	1.16652	1.16652	0.15827	1.25213	1.25213	3.64734	1.28368	0.312845	1
cg27527018	0.139858	1.43341	1.43341	0.527482	0.86493	-1.15616	0.148551	0.703831	-1.4208	0.477903	1.17768	1.17768	3.4844	2.83512	0.723255	1
cg02292206	0.000234175	0.411416	-2.43063	0.199297	0.820835	-1.21827	6.02E-06	0.228256	-4.38105	0.000114302	0.373205	-2.67949	38.4906	12.9194	0.298355	1
cg18934443	0.0154329	0.320528	-3.11985	0.000298134	0.105029	-9.52115	0.00617401	0.25478	-3.92496	0.013123	0.308022	-3.24652	10.1508	23.5618	2.06327	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08634133	ATP6V0E2;LOC401431;ATP6V0E2;ATP6V0E2;ATP6V0E2	0.00349258	0.00147415	5.21899	5.21899	0.416307	1.34868	1.34868	0.00109517	5.66284	5.66284	0.0608866	2.13977	2.13977	0.0163308	0.347455	-2.87807
cg24227081	ATP6V0E2;LOC401431;ATP6V0E2;ATP6V0E2;ATP6V0E2	0.00993336	0.054786	0.726168	-1.37709	0.363476	1.14704	1.14704	0.0154643	1.54709	1.54709	0.0146667	0.643168	-1.5548	0.848878	0.972367	-1.02842
cg00934312	ATP6V0E2;LOC401431;ATP6V0E2;ATP6V0E2;ATP6V0E2	0.0207092	0.691457	0.935349	-1.06912	0.518562	0.896146	-1.11589	0.152434	1.2928	1.2928	0.43068	1.14427	1.14427	0.927734	1.01531	1.01531
cg03496713	ATP6V0E2;LOC401431;ATP6V0E2;ATP6V0E2;ATP6V0E2	0.0359419	0.0455348	0.788499	-1.26823	0.0238528	1.32235	1.32235	0.0311057	1.29977	1.29977	0.274543	0.888865	-1.12503	0.794213	1.02746	1.02746
cg16758764	ATP6V1A	0.00154051	0.520342	0.929634	-1.07569	0.00197712	0.612979	-1.63138	0.000259719	0.510284	-1.95969	0.895742	0.985426	-1.01479	0.0198475	1.37012	1.37012
cg07554478	ATP6V1A	0.00909213	0.0034606	0.239372	-4.17759	0.121794	0.546539	-1.8297	0.866998	1.06224	1.06224	0.0473147	0.441566	-2.26467	0.00149065	0.19206	-5.20672
cg01901898	ATP6V1A;NAA50	0.000154494	0.393486	0.782185	-1.27847	0.754696	1.09209	1.09209	0.168486	1.51047	1.51047	0.000562287	0.222487	-4.49465	4.47E-06	0.051445	-19.4382
cg02433905	ATP6V1A;NAA50	0.00336349	0.000171979	0.301066	-3.32153	0.00525683	1.99809	1.99809	0.638867	1.09297	1.09297	0.83826	1.03919	1.03919	0.706349	0.93129	-1.07378
cg26553521	ATP6V1A;NAA50	0.0175822	0.216763	1.30229	1.30229	0.00164126	2.49985	2.49985	0.0617901	1.5334	1.5334	0.303544	0.805281	-1.2418	0.0857558	0.679826	-1.47096
cg00067528	ATP6V1B1	9.30E-06	0.0670685	0.644033	-1.55272	0.0059276	0.462292	-2.16314	0.000662512	0.327057	-3.05757	0.000125724	0.238901	-4.18583	5.23E-06	0.109016	-9.17299
cg13649600	ATP6V1B1	2.24E-05	0.00542898	0.686514	-1.45663	0.514548	0.934308	-1.07031	3.14E-07	0.215591	-4.63842	0.0112399	0.721428	-1.38614	0.00390888	0.670776	-1.49081
cg05081778	ATP6V1B1	6.31E-05	6.34E-05	0.142387	-7.02314	0.00761961	2.48077	2.48077	0.000252249	0.202323	-4.94259	0.136114	0.653591	-1.53001	0.00135857	0.291854	-3.42638
cg17669365	ATP6V1B1	0.00179589	0.402176	0.863003	-1.15874	0.0144061	0.595535	-1.67916	9.53E-05	0.302989	-3.30045	0.0781662	0.714409	-1.39976	0.546843	0.900526	-1.11046
cg07052880	ATP6V1B1	0.00216722	0.959406	0.990723	-1.00936	0.0210303	0.601543	-1.66239	0.00055371	0.374749	-2.66845	0.110879	0.727554	-1.37447	0.144109	0.750257	-1.33288
cg05159370	ATP6V1B1	0.00466643	0.0939446	0.504986	-1.98025	0.217396	1.61837	1.61837	0.176678	0.586964	-1.70368	0.0164095	0.336881	-2.96841	0.0632216	0.460671	-2.17074
cg17835072	ATP6V1B1	0.010334	0.10336	0.31272	-3.19775	0.210575	0.422808	-2.36514	0.0115677	0.127416	-7.84831	0.405619	0.573963	-1.74227	0.0110034	0.124747	-8.01624
cg26929806	ATP6V1B1	0.0107779	0.906237	1.03187	1.03187	0.380837	0.78716	-1.27039	0.00130282	0.287458	-3.47877	0.0342325	0.518013	-1.93046	0.28786	0.745433	-1.3415
cg24334149	ATP6V1B1	0.0284478	0.022931	3.56263	3.56263	0.906437	0.946582	-1.05643	0.287686	1.67432	1.67432	0.0254325	0.289343	-3.45611	0.442828	0.693963	-1.441
cg22387939	ATP6V1B1	0.0490141	0.21181	1.43272	1.43272	0.0567365	1.80318	1.80318	0.3884	1.27336	1.27336	0.622512	0.873147	-1.14528	0.484251	1.21449	1.21449
cg13734055	ATP6V1B2	0.00252353	0.307458	0.810404	-1.23395	0.00103926	2.62831	2.62831	0.845777	1.03951	1.03951	0.203235	1.30638	1.30638	0.903686	0.976199	-1.02438
cg01952458	ATP6V1B2	0.00635262	0.0513935	0.796742	-1.25511	0.0871896	1.21346	1.21346	0.0117685	1.38033	1.38033	0.139583	0.849704	-1.17688	0.855121	0.98145	-1.0189
cg11856918	ATP6V1B2	0.0208046	0.493934	0.876088	-1.14144	0.0333696	0.622823	-1.60559	0.475253	1.14828	1.14828	0.154812	0.74828	-1.3364	0.38651	1.18418	1.18418
cg04395689	ATP6V1B2	0.0237545	0.339283	1.33633	1.33633	0.97895	0.992299	-1.00776	0.0598888	1.885	1.885	0.395719	0.774317	-1.29146	0.9694	0.988823	-1.0113
cg14877637	ATP6V1C1	2.52E-05	2.52E-06	0.147394	-6.78452	0.140371	1.30569	1.30569	0.000455778	0.395106	-2.53096	8.67E-05	3.26831	3.26831	0.421263	1.14816	1.14816
cg17497746	ATP6V1C1	0.00237951	?	?	?	0.0216865	0.148881	-6.71679	0.396471	1.82216	1.82216	0.000151695	0.011202	-89.2697	?	?	?
cg22150661	ATP6V1C1	0.00349174	0.00228301	0.316263	-3.16193	0.152497	1.5122	1.5122	0.131281	0.644251	-1.55219	0.000594428	4.18178	4.18178	0.146512	0.656669	-1.52284
cg23420841	ATP6V1C1	0.0136146	0.0102211	0.155695	-6.42281	0.102417	0.358219	-2.79159	0.0441428	0.264936	-3.77449	0.459507	1.54124	1.54124	0.00207816	0.0829415	-12.0567
cg07762761	ATP6V1C1	0.0208708	0.691308	0.800415	-1.24935	0.248835	0.510504	-1.95885	0.3896	0.61154	-1.63522	?	?	?	0.324203	1.76457	1.76457
cg21442626	ATP6V1C1	0.0353296	0.00254517	0.114661	-8.7214	0.0467405	3.24678	3.24678	0.275902	1.7972	1.7972	0.515443	1.40649	1.40649	0.188848	2.05448	2.05448
cg10184441	ATP6V1C1	0.0366811	0.141532	0.764994	-1.3072	0.000873721	0.429146	-2.33021	0.117672	0.749804	-1.33368	0.925931	1.01588	1.01588	0.906207	1.02017	1.02017
cg24543166	ATP6V1C1;ATP6V1C1	0.00285469	0.339674	1.09889	1.09889	0.0100097	1.36559	1.36559	0.0569893	1.22924	1.22924	0.0261949	1.28757	1.28757	0.090406	1.19578	1.19578
cg22243662	ATP6V1C2;ATP6V1C2	0.000305847	0.779509	0.89026	-1.12327	0.935098	0.966831	-1.03431	0.514301	0.760404	-1.31509	0.820792	0.910308	-1.09853	0.27152	0.622452	-1.60655
cg18888710	ATP6V1C2;ATP6V1C2	0.000347659	0.097974	0.596939	-1.67521	0.406132	1.27323	1.27323	0.0039368	0.332015	-3.01191	0.00127294	0.262921	-3.80342	0.000528343	0.215568	-4.6389
cg11274233	ATP6V1C2;ATP6V1C2	0.00124941	0.375361	0.907899	-1.10144	0.00143883	1.63116	1.63116	0.0134341	1.38413	1.38413	0.0387112	0.775503	-1.28949	0.0203905	0.74316	-1.34561
cg21076935	ATP6V1C2;ATP6V1C2	0.0117964	0.315157	1.11411	1.11411	0.00877772	0.706645	-1.41514	0.210402	1.14718	1.14718	0.364302	0.90757	-1.10184	0.00381302	0.666387	-1.50063
cg00454409	ATP6V1C2;ATP6V1C2	0.0127843	0.1025	0.73723	-1.35643	0.580968	0.909262	-1.09979	0.463308	0.880407	-1.13584	0.882095	1.02565	1.02565	0.831846	0.964371	-1.03695
cg14035550	ATP6V1C2;ATP6V1C2	0.0158031	0.86578	1.03695	1.03695	0.00148434	2.67293	2.67293	0.862631	0.963535	-1.03784	0.118149	0.694955	-1.43894	0.362582	0.818146	-1.22228
cg16915916	ATP6V1C2;ATP6V1C2	0.0197377	0.201587	0.472888	-2.11466	0.216765	0.485896	-2.05805	0.081788	0.342648	-2.91845	0.424024	0.635446	-1.5737	0.0155248	0.192365	-5.19845
cg21879157	ATP6V1C2;ATP6V1C2	0.0262064	0.037889	4.51591	4.51591	0.848409	0.887061	-1.12732	0.0232458	5.4671	5.4671	0.423847	0.599573	-1.66785	0.482737	0.6397	-1.56323
cg14580982	ATP6V1C2;ATP6V1C2	0.0437379	0.0465837	0.571823	-1.74879	0.0449077	1.75858	1.75858	0.198717	1.39527	1.39527	0.412078	0.814092	-1.22836	0.0257872	0.52242	-1.91417
cg18436444	ATP6V1C2;ATP6V1C2	0.04621	0.00404081	0.238825	-4.18717	0.853129	1.07115	1.07115	0.0237354	0.367445	-2.7215	0.0716334	0.474249	-2.1086	0.685054	1.16326	1.16326
cg02202483	ATP6V1D	0.000435162	0.801941	1.05198	1.05198	0.0183575	0.561625	-1.78055	0.00182408	0.409366	-2.4428	0.804755	0.951293	-1.0512	7.78E-06	0.138497	-7.22035
cg03487553	ATP6V1D	0.0323762	0.0688968	0.768401	-1.3014	0.00769928	1.55756	1.55756	0.120425	0.80414	-1.24356	0.967406	0.994726	-1.0053	0.0126667	0.669645	-1.49333
cg00146334	ATP6V1E1;ATP6V1E1;ATP6V1E1	0.00129742	0.00158364	0.281346	-3.55434	0.000206	0.1758	-5.68829	0.0598165	0.552197	-1.81095	0.00508176	0.355006	-2.81685	0.0115813	0.413665	-2.41742
cg03722812	ATP6V1E1;ATP6V1E1;ATP6V1E1	0.0107312	0.635569	0.890582	-1.12286	0.00171302	2.96433	2.96433	0.0939333	1.56372	1.56372	0.449286	0.829316	-1.20581	0.00790719	0.437403	-2.28622
cg15219262	ATP6V1E1;ATP6V1E1;ATP6V1E1	0.0305679	0.00995213	0.598312	-1.67137	0.739196	0.948647	-1.05413	0.257215	1.20511	1.20511	0.646662	0.929761	-1.07554	0.474105	0.891484	-1.12173
cg10430021	ATP6V1E1;ATP6V1E1;ATP6V1E1	0.0433881	0.253504	0.823415	-1.21445	0.621889	0.922201	-1.08436	0.390676	0.866492	-1.15408	0.980006	1.00409	1.00409	0.049746	0.694428	-1.44003
cg19783536	ATP6V1E1;ATP6V1E1;ATP6V1E1;ATP6V1E1;ATP6V1E1	0.0206345	0.165555	0.699879	-1.42882	0.771205	1.07289	1.07289	0.988638	0.99657	-1.00344	0.406636	1.22732	1.22732	0.849944	1.04676	1.04676
cg10082357	ATP6V1F	0.0057022	0.64162	1.07619	1.07619	0.691867	0.939505	-1.06439	0.520005	0.902885	-1.10756	0.694987	0.940137	-1.06367	0.000239709	0.385805	-2.59198
cg26682717	ATP6V1F	0.0104996	0.00433967	0.698256	-1.43214	0.333184	0.91023	-1.09862	0.00379483	1.44474	1.44474	0.0204813	0.768658	-1.30097	0.0760443	1.20445	1.20445
cg17140815	ATP6V1F	0.0412965	0.00962565	0.587139	-1.70317	0.810256	1.03986	1.03986	0.0230365	1.55533	1.55533	0.135679	0.770056	-1.29861	0.489178	0.892113	-1.12093
cg09824247	ATP6V1F;ATP6V1F	0.0135286	0.110292	1.27831	1.27831	0.757746	1.04462	1.04462	0.511105	1.0986	1.0986	0.502589	1.10075	1.10075	0.964007	0.993654	-1.00639
cg14535884	ATP6V1G1	0.00317694	0.00303258	0.168814	-5.92367	0.00452401	0.190766	-5.24202	0.040559	0.354984	-2.81703	0.897206	1.05823	1.05823	0.00191816	0.146054	-6.84677
cg14391907	ATP6V1G1	0.00799858	0.0384431	0.232592	-4.29938	0.381999	0.579707	-1.72501	0.0100684	0.138761	-7.20663	0.024534	5.09858	5.09858	0.0212676	0.1857	-5.38502
cg14421829	ATP6V1G1	0.010004	0.0738439	0.623958	-1.60267	0.274966	0.764242	-1.30849	0.00515292	0.417086	-2.39759	0.966811	0.990199	-1.0099	0.0627143	1.64175	1.64175
cg21249829	ATP6V1G1	0.0184355	0.721763	0.934748	-1.06981	0.157741	1.32984	1.32984	0.0149722	0.568632	-1.75861	0.841061	1.03862	1.03862	0.000592091	0.367464	-2.72135
cg26309244	ATP6V1G2;NFKBIL1;NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;NFKBIL1;NFKBIL1	0.035366	0.0767539	1.27951	1.27951	0.792103	0.967463	-1.03363	0.32651	0.880872	-1.13524	0.293037	0.87233	-1.14636	0.657351	0.945633	-1.05749
cg13100753	ATP6V1G3;ATP6V1G3	0.0106055	0.391165	0.767034	-1.30372	0.799675	0.92611	-1.07979	0.004487	0.318626	-3.13847	0.579768	1.18393	1.18393	0.0203047	0.429738	-2.327
cg05789658	ATP6V1G3;ATP6V1G3	0.0447608	0.220596	0.750178	-1.33302	0.522948	0.865449	-1.15547	0.181867	0.728845	-1.37203	0.0303956	0.566679	-1.76467	0.00810042	0.469172	-2.13141
cg18835815	ATP6V1H;ATP6V1H	0.0308619	0.788159	1.04883	1.04883	0.44369	1.14826	1.14826	0.679928	1.0762	1.0762	0.892326	1.02427	1.02427	0.000914342	0.415856	-2.40468
cg15965422	ATP6V1H;ATP6V1H;ATP6V1H	0.000418069	0.090796	1.22116	1.22116	0.133537	0.84068	-1.18951	0.407801	0.9132	-1.09505	0.421633	0.915731	-1.09202	7.35E-06	0.346622	-2.88499
cg26388599	ATP6V1H;ATP6V1H;ATP6V1H	0.00954848	0.00482568	0.139297	-7.17893	0.00701494	0.15915	-6.28338	0.098945	0.385301	-2.59537	0.0187606	0.22282	-4.48792	0.0297787	0.259687	-3.85079
cg01618530	ATP6V1H;ATP6V1H;ATP6V1H	0.0152073	0.00236432	0.477154	-2.09576	0.0138225	1.70046	1.70046	0.0166004	1.66607	1.66607	0.407599	1.15929	1.15929	0.92623	0.983971	-1.01629
cg24926872	ATP6V1H;ATP6V1H;ATP6V1H	0.0321994	0.0759334	0.447542	-2.23443	0.912546	0.956971	-1.04496	0.959342	1.02062	1.02062	0.00128829	0.135483	-7.38101	?	?	?
cg14436056	ATP6V1H;ATP6V1H;ATP6V1H	0.0367264	0.0975089	1.79699	1.79699	0.00683352	3.09379	3.09379	0.00721198	3.05814	3.05814	0.381343	1.33567	1.33567	0.379747	1.33704	1.33704
cg15646900	ATP6V1H;ATP6V1H;ATP6V1H;ATP6V1H;ATP6V1H	0.0310603	0.320148	0.804536	-1.24295	0.95682	0.988602	-1.01153	0.0848101	1.49708	1.49708	0.316769	0.803229	-1.24497	0.097188	0.680185	-1.47019
cg04000159	ATP6V1H;ATP6V1H;ATP6V1H;ATP6V1H;ATP6V1H	0.0445783	0.103872	0.783275	-1.27669	0.16389	0.815419	-1.22636	0.407831	1.12333	1.12333	0.196975	0.829143	-1.20606	0.140677	0.804382	-1.24319
cg27084087	ATP7A	0.000819856	0.025035	1.88888	1.88888	0.000837523	0.301534	-3.31637	0.00645421	0.429588	-2.32781	0.956598	1.01307	1.01307	0.000129683	0.204721	-4.88471
cg01009686	ATP7A	0.0245511	0.0847183	0.389586	-2.56683	0.00740889	0.173884	-5.75098	0.0628486	0.35428	-2.82263	0.995593	1.00269	1.00269	0.0202216	0.24553	-4.07282
cg14176959	ATP7A;PGAM4	0.000322974	0.358051	0.83556	-1.1968	2.63E-05	0.205889	-4.85699	0.00459178	0.488137	-2.04861	0.0681029	1.47452	1.47452	0.000243811	0.31576	-3.16696
cg26358122	ATP7A;PGAM4	0.000491859	0.268322	0.817387	-1.22341	0.000699033	0.404869	-2.46993	0.00549748	0.528156	-1.89338	0.570966	1.10533	1.10533	3.10E-05	0.241244	-4.14518
cg14736373	ATP7A;PGAM4	0.000812579	0.0866174	1.43845	1.43845	0.000107192	0.269143	-3.7155	0.0480537	0.647872	-1.54351	0.00220409	0.438534	-2.28032	0.000625626	0.364084	-2.74662
cg05892902	ATP7A;PGAM4	0.0194888	0.88877	1.02386	1.02386	0.0499388	0.686047	-1.45763	0.00873291	0.569461	-1.75605	0.466658	0.882639	-1.13297	0.000716731	0.41982	-2.38197
cg06334400	ATP7B;ALG11;ATP7B	0.000123442	0.00704791	0.739005	-1.35317	4.26E-06	2.51546	2.51546	0.0220806	1.26916	1.26916	0.00314293	0.704295	-1.41986	0.31623	1.09415	1.09415
cg05177287	ATP7B;ATP7B	0.00593344	0.00699271	0.525622	-1.90251	0.859666	1.03317	1.03317	0.0609635	0.677465	-1.47609	0.273672	0.810555	-1.23372	0.00290377	0.470152	-2.12697
cg05482395	ATP7B;ATP7B	0.00798022	0.0283011	0.462151	-2.16379	0.0312652	0.470801	-2.12404	0.498928	0.814951	-1.22707	0.0758911	0.554939	-1.802	0.000384071	0.184627	-5.41633
cg15567853	ATP7B;ATP7B	0.0286444	0.402672	0.762912	-1.31077	0.768819	1.0976	1.0976	0.223259	0.667414	-1.49832	0.367716	0.746501	-1.33958	0.000819525	0.203234	-4.92043
cg20567227	ATP8A1;ATP8A1	0.000239157	0.0319933	0.691621	-1.44588	0.00232714	1.86629	1.86629	0.191456	1.225	1.225	0.000959671	0.485905	-2.05802	0.00320186	0.554059	-1.80486
cg04114386	ATP8A1;ATP8A1	0.00188704	0.0367594	0.555673	-1.79962	0.0477383	1.73022	1.73022	0.0068604	2.33469	2.33469	0.984022	0.995162	-1.00486	0.00289647	0.370941	-2.69585
cg27015761	ATP8A1;ATP8A1	0.00255133	0.443482	0.907332	-1.10213	0.288365	1.14705	1.14705	0.00829975	1.52198	1.52198	0.143876	1.21585	1.21585	0.0138476	1.46018	1.46018
cg13100918	ATP8A1;ATP8A1	0.0360495	0.0864234	0.706559	-1.41531	0.00736427	1.88393	1.88393	0.10196	0.720169	-1.38856	0.0168079	0.585646	-1.70752	0.919749	0.981689	-1.01865
cg18695665	ATP8A1;ATP8A1	0.0384668	0.541108	1.15123	1.15123	0.0205107	0.529717	-1.8878	0.0222699	0.53601	-1.86564	0.84202	1.04647	1.04647	0.48036	1.17739	1.17739
cg23888154	ATP8A1;ATP8A1	0.0425101	0.0486489	2.38086	2.38086	0.026574	2.79348	2.79348	?	?	?	0.21833	1.62156	1.62156	0.532594	0.792355	-1.26206
cg08368169	ATP8A2	5.06E-05	0.0110078	0.716058	-1.39654	1.80E-06	3.47547	3.47547	0.0213141	1.33611	1.33611	0.916759	1.01101	1.01101	0.514107	0.933063	-1.07174
cg14178352	ATP8A2	0.000434529	0.198485	0.797886	-1.25331	0.000742912	0.427038	-2.34171	4.37E-05	0.27576	-3.62635	0.0297421	0.65374	-1.52966	0.00164601	0.472963	-2.11433
cg13096859	ATP8A2	0.00259319	0.0121635	0.58641	-1.70529	0.167788	1.28544	1.28544	0.0142109	0.596525	-1.67638	0.00348416	0.508076	-1.96821	0.000293785	0.365095	-2.73901
cg25090499	ATP8A2	0.00290687	0.0271683	0.713336	-1.40186	0.420703	1.11213	1.11213	0.427907	1.11023	1.11023	0.278175	0.864433	-1.15683	0.00305729	0.592106	-1.68889
cg06228648	ATP8A2	0.00471075	0.0370911	0.526751	-1.89843	0.0177682	2.14534	2.14534	0.00538246	0.378921	-2.63907	0.110283	0.630714	-1.5855	0.000361381	0.219892	-4.5477
cg23947050	ATP8A2	0.00575272	0.0169028	0.595194	-1.68013	0.166047	0.76875	-1.30081	0.000717704	0.399799	-2.50126	0.244304	0.805021	-1.2422	0.0231556	0.616665	-1.62163
cg07973479	ATP8A2	0.00627258	0.204307	0.780673	-1.28095	0.111116	1.37824	1.37824	0.000805247	0.392715	-2.54638	0.052269	0.664962	-1.50384	0.0189366	0.591386	-1.69094
cg05510976	ATP8A2	0.00676994	0.523152	0.869252	-1.15041	0.0514656	0.618728	-1.61622	0.000555309	0.313443	-3.19037	0.335726	0.806584	-1.2398	0.00310979	0.416534	-2.40076
cg00990690	ATP8A2	0.012425	0.39191	0.793341	-1.26049	0.576307	1.16067	1.16067	0.0298576	0.509395	-1.96311	0.310781	0.758217	-1.31888	0.000267773	0.206268	-4.84807
cg05868813	ATP8A2	0.012826	0.601485	0.880612	-1.13557	0.403227	1.22922	1.22922	0.368313	0.800156	-1.24976	0.0128894	0.47476	-2.10633	0.0810926	0.627114	-1.59461
cg24605553	ATP8A2	0.0221893	0.417031	0.658521	-1.51856	0.701399	1.21416	1.21416	0.181456	2.04317	2.04317	0.210983	0.514882	-1.94219	0.0528864	0.330154	-3.02889
cg02057782	ATP8A2	0.0239593	0.162064	0.595707	-1.67868	0.25103	0.659584	-1.51611	0.700776	0.87461	-1.14337	0.448108	0.764713	-1.30768	0.0111795	0.331784	-3.01401
cg01767396	ATP8A2	0.0263546	0.100731	0.446158	-2.24136	0.00418983	0.178678	-5.59665	0.00214755	0.144414	-6.92454	0.288147	0.609526	-1.64062	0.10175	0.447433	-2.23497
cg01669085	ATP8A2	0.0271509	0.0349367	0.38379	-2.60559	0.00230145	0.190167	-5.25854	0.0217711	0.341985	-2.9241	0.553757	1.26287	1.26287	0.0253703	0.355041	-2.81657
cg03736774	ATP8A2	0.0285317	0.493996	1.356	1.356	0.323273	1.56412	1.56412	0.0303919	0.327676	-3.05179	0.0276184	3.13286	3.13286	0.970619	1.01628	1.01628
cg22032364	ATP8A2	0.0311684	0.207754	0.761068	-1.31394	0.0349228	1.6574	1.6574	0.0352055	0.603979	-1.65569	0.101098	1.44636	1.44636	0.393306	0.835489	-1.1969
cg12778938	ATP8A2	0.0339737	0.726209	1.1031	1.1031	0.858011	0.951247	-1.05125	0.00255962	0.311125	-3.21414	0.02726	0.480633	-2.08059	0.676829	1.1241	1.1241
cg14075393	ATP8A2	0.0349732	0.0704221	0.410306	-2.43721	0.0231984	0.302523	-3.30553	0.0414979	0.354993	-2.81696	0.147338	0.504093	-1.98376	0.0106118	0.242756	-4.11937
cg11165905	ATP8A2	0.0353075	0.0952416	2.38314	2.38314	0.0372714	3.14346	3.14346	0.726102	1.18131	1.18131	0.818342	0.896739	-1.11515	0.0998576	2.3497	2.3497
cg18836626	ATP8A2	0.0372384	0.762975	0.969626	-1.03133	0.656143	0.955328	-1.04676	0.00691928	1.42826	1.42826	0.265188	1.12572	1.12572	0.918732	1.01046	1.01046
cg18869815	ATP8A2	0.0408528	0.797762	0.940716	-1.06302	0.108469	0.659203	-1.51698	0.537372	1.16026	1.16026	0.878295	0.964186	-1.03714	0.00808797	0.446103	-2.24163
cg14463790	ATP8A2	0.0469192	0.0347982	0.593159	-1.68589	0.156168	1.37996	1.37996	0.0443643	0.612478	-1.63271	0.0326937	0.588286	-1.69985	0.78293	0.943058	-1.06038
cg01782371	ATP8A2;ATP8A2	0.00816195	0.241498	0.905943	-1.10382	0.00418513	1.36224	1.36224	0.0553562	1.19123	1.19123	0.156632	0.885085	-1.12983	0.0993754	1.15665	1.15665
cg18439779	ATP8B1	0.000572378	0.011581	1.43291	1.43291	0.00010362	0.457314	-2.18668	0.000998197	0.572958	-1.74533	0.818443	1.02655	1.02655	0.788076	1.03118	1.03118
cg26129353	ATP8B1	0.000901005	0.0169386	0.540745	-1.8493	0.018527	0.54728	-1.82722	0.00200421	0.398331	-2.51048	0.0779419	0.661358	-1.51204	0.00242677	0.410202	-2.43782
cg03730389	ATP8B1	0.0017462	0.00484997	4.237	4.237	0.00164282	5.711	5.711	0.00679907	3.87895	3.87895	0.648924	1.19383	1.19383	0.00214323	5.29426	5.29426
cg12015279	ATP8B1	0.00803789	0.108891	0.742446	-1.3469	0.42474	0.870364	-1.14895	0.768972	1.05145	1.05145	0.429442	1.14726	1.14726	0.00191548	0.47312	-2.11363
cg10212705	ATP8B2	0.0020348	0.0719596	0.548376	-1.82357	0.011184	2.58815	2.58815	0.0102372	2.63309	2.63309	0.0123421	0.393818	-2.53924	0.0125162	0.394885	-2.53239
cg12644885	ATP8B2	0.0244489	0.0321713	0.751831	-1.33009	0.792746	1.03039	1.03039	0.0567978	1.27773	1.27773	0.485128	1.08398	1.08398	0.00373155	0.64068	-1.56084
cg24040570	ATP8B2;AQP10	0.000116244	0.000308279	1.74959	1.74959	0.00114535	1.57872	1.57872	0.520379	0.939671	-1.0642	0.912585	1.01054	1.01054	0.00168064	1.53556	1.53556
cg06824583	ATP8B2;AQP10	0.0192847	0.493086	1.12494	1.12494	0.0170752	1.63518	1.63518	0.544355	1.10935	1.10935	0.0415893	0.672095	-1.48788	0.198601	0.794719	-1.25831
cg20934881	ATP8B2;ATP8B2	2.91E-05	0.0401858	0.567667	-1.7616	0.494776	0.847403	-1.18008	0.312228	0.779056	-1.2836	0.727264	0.919775	-1.08722	0.380975	1.23939	1.23939
cg07244253	ATP8B2;ATP8B2	0.00183368	0.408629	1.06346	1.06346	0.0371932	1.19255	1.19255	0.000108603	1.64297	1.64297	0.992438	0.99931	-1.00069	0.18829	1.10682	1.10682
cg27442164	ATP8B2;ATP8B2	0.0019762	0.000723828	0.141882	-7.0481	0.56141	1.24982	1.24982	0.805552	0.910587	-1.09819	0.657771	1.18449	1.18449	0.00533681	0.248124	-4.03024
cg19760410	ATP8B2;ATP8B2	0.0201405	0.0035456	0.267544	-3.7377	0.712878	0.883996	-1.13123	0.603017	0.839426	-1.19129	0.814399	0.924547	-1.08161	0.0102267	0.339578	-2.94483
cg16013543	ATP8B2;ATP8B2	0.0228345	0.00684888	0.270217	-3.70072	0.0790741	0.482628	-2.07199	0.0381496	0.407431	-2.4544	0.543905	0.794911	-1.258	0.00445615	0.242341	-4.12642
cg10246448	ATP8B2;ATP8B2	0.043422	0.508713	0.815997	-1.2255	0.00558072	3.01637	3.01637	0.152994	1.59075	1.59075	0.594333	1.17709	1.17709	0.144081	0.621261	-1.60963
cg24671951	ATP8B2;ATP8B2	0.0457426	0.069365	2.59344	2.59344	0.496144	1.38286	1.38286	0.276267	1.70105	1.70105	0.173548	1.97237	1.97237	0.234095	0.557033	-1.79523
cg03067613	ATP8B3	2.50E-07	0.00197714	0.610082	-1.63912	0.109777	1.21787	1.21787	1.00E-05	0.34252	-2.91953	0.465492	1.0876	1.0876	1.27E-07	0.15032	-6.6525
cg19431980	ATP8B3	0.000708505	0.000962635	0.385664	-2.59293	0.0295959	1.64282	1.64282	0.0830672	1.45052	1.45052	0.0253007	0.597244	-1.67436	6.42E-05	0.240767	-4.15339
cg06717221	ATP8B3	0.00101717	0.00118082	0.142172	-7.03371	0.00424014	0.208155	-4.80412	0.436918	0.722406	-1.38426	0.814685	1.10106	1.10106	0.000197321	0.0769086	-13.0024
cg19296556	ATP8B3	0.00104195	0.00116634	0.229702	-4.35347	0.000484458	0.181236	-5.51767	0.0789726	0.563255	-1.77539	0.215559	0.683626	-1.46279	0.000468848	0.179555	-5.56932
cg19499085	ATP8B3	0.00189857	0.00046759	0.288161	-3.47029	0.221537	0.747775	-1.3373	0.0409718	0.586521	-1.70497	0.328544	1.25623	1.25623	0.000291316	0.262866	-3.80423
cg25382352	ATP8B3	0.0020624	0.0124984	0.361419	-2.76687	0.00478036	0.293275	-3.40977	0.014525	0.373037	-2.6807	0.314696	0.711405	-1.40567	0.00328675	0.269325	-3.71299
cg09385827	ATP8B3	0.00252763	0.034925	0.535081	-1.86887	0.97046	0.990623	-1.00947	0.0213786	0.494849	-2.02082	0.116439	0.647919	-1.5434	0.000275625	0.21978	-4.55001
cg12589308	ATP8B3	0.00396511	0.0174947	0.18541	-5.39346	0.0786426	0.320433	-3.12078	0.0247858	0.210752	-4.7449	0.136927	0.393157	-2.54351	0.000850212	0.0538611	-18.5663
cg21885795	ATP8B3	0.00415911	0.37252	0.852959	-1.17239	0.0714318	0.704875	-1.41869	0.976376	0.994869	-1.00516	0.0274918	1.57294	1.57294	0.0014417	0.449286	-2.22575
cg02618733	ATP8B3	0.00802949	0.0153391	0.464833	-2.15131	0.0817773	0.608653	-1.64297	0.0083753	0.420149	-2.38011	0.238908	0.727957	-1.37371	0.00518854	0.386842	-2.58503
cg25275011	ATP8B3	0.0107995	0.279225	1.30321	1.30321	0.249053	1.32792	1.32792	0.52776	1.16253	1.16253	0.194216	0.723741	-1.38171	0.00572429	0.426214	-2.34624
cg08316083	ATP8B3	0.0120593	0.0126212	0.0967226	-10.3389	0.734303	0.773669	-1.29254	0.503545	0.599695	-1.66751	0.186638	0.34837	-2.87052	0.00095132	0.0244795	-40.8505

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08634133	0.316816	0.688936	-1.45151	0.219597	0.628259	-1.5917	0.530354	0.795436	-1.25717	0.0443066	2.29742	2.29742	8.179	16.7937	1.82513	1
cg24227081	0.393445	1.13702	1.13702	0.667715	1.06549	1.06549	0.032628	1.44382	1.44382	0.00295544	1.82103	1.82103	5.92327	2.02418	0.303764	1
cg00934312	0.743678	0.94651	-1.05651	0.000393433	0.388268	-2.57554	0.953197	1.00988	1.00988	0.217498	0.804629	-1.24281	4.64909	2.06693	0.395189	1
cg03496713	0.438427	0.921365	-1.08535	0.0206599	0.749174	-1.3348	0.865082	1.01778	1.01778	0.505006	1.07261	1.07261	3.83008	0.651359	0.151168	1
cg16758764	0.323521	1.12095	1.12095	0.00721717	1.47439	1.47439	0.38456	0.904991	-1.10498	0.0644218	0.792438	-1.26193	10.3994	2.06519	0.176521	1
cg07554478	0.0164267	0.347774	-2.87543	0.00905345	0.302733	-3.30324	0.513149	0.787504	-1.26983	0.0143027	0.336866	-2.96854	6.09264	12.5199	1.82659	1
cg01901898	0.00603272	0.364873	-2.74068	0.489174	1.21831	1.21831	0.00358163	0.32996	-3.03067	0.243316	1.40934	1.40934	19.6995	24.6444	1.11201	1
cg02433905	0.484933	1.14279	1.14279	0.038893	0.637824	-1.56783	0.127127	0.733237	-1.36382	0.428982	1.16399	1.16399	8.2716	4.63366	0.497946	1
cg26553521	0.184324	0.751129	-1.33133	0.159302	0.736632	-1.35753	0.22707	1.29398	1.29398	0.243202	1.28168	1.28168	4.91374	3.21405	0.581417	1
cg00067528	0.0380992	0.597301	-1.6742	2.18E-07	0.0349498	-28.6124	0.02789	0.572914	-1.74546	0.0190228	0.544104	-1.83789	41.3427	30.0909	0.646969	1
cg13649600	0.000512983	0.57261	-1.74639	0.000386565	0.55875	-1.78971	0.0002936	0.545229	-1.83409	0.35525	0.90686	-1.10271	32.8797	5.50384	0.148794	1
cg05081778	0.000166853	0.183114	-5.46108	6.37E-05	0.14259	-7.01309	0.000133986	0.173361	-5.76832	0.00276387	0.335147	-2.98377	25.0274	27.7942	0.987157	1
cg17669365	0.0107989	0.5768	-1.7337	0.356794	1.17688	1.17688	0.000706136	0.411871	-2.42794	0.865489	0.971286	-1.02956	9.94838	4.65282	0.415731	1
cg07052880	0.329658	1.20227	1.20227	0.000126342	0.294619	-3.39421	0.0334225	0.634376	-1.57635	0.0692378	0.689208	-1.45094	9.41855	5.0017	0.472043	1
cg05159370	0.983426	0.992324	-1.00774	0.000155961	0.0905624	-11.0421	0.00903353	0.291952	-3.42521	0.0995584	0.511883	-1.95357	7.4946	16.3354	1.93744	1
cg17835072	0.0127855	0.132908	-7.524	0.000620306	0.0321679	-31.0869	0.0179567	0.153142	-6.5299	0.0806414	0.282448	-3.54048	5.84875	39.4409	5.99419	1
cg26929806	0.217818	0.708107	-1.41222	0.0430362	0.538016	-1.85868	0.000853275	0.263395	-3.79658	0.293765	0.748301	-1.33636	5.77028	6.47814	0.997931	1
cg24334149	0.842256	0.911165	-1.0975	0.00397618	0.163984	-6.09815	0.794514	1.12961	1.12961	0.416444	1.47368	1.47368	4.16442	14.3779	3.06894	1
cg22387939	0.00352575	0.33908	-2.94915	0.298504	0.744831	-1.34259	0.255452	0.722847	-1.38342	0.890444	0.963025	-1.0384	3.41385	4.04073	1.05211	1
cg13734055	0.897377	0.97465	-1.02601	0.01577	0.555073	-1.80156	0.056107	1.53804	1.53804	0.000309912	3.2046	3.2046	9.00717	5.64858	0.55744	1
cg01952458	0.0839153	1.21645	1.21645	0.153707	0.855154	-1.16938	0.0184862	0.746242	-1.34005	0.00269705	1.52916	1.52916	6.81768	1.13323	0.147751	1
cg11856918	0.00274781	0.455227	-2.19671	0.0350139	0.626386	-1.59646	0.820608	1.0442	1.0442	0.0538818	1.51708	1.51708	4.64181	2.66604	0.510536	1
cg04395689	0.0618059	0.533717	-1.87365	?	?	?	0.677908	0.884724	-1.1303	0.00159406	4.09227	4.09227	4.99504	5.90991	1.03526	1
cg14877637	0.0658985	0.706807	-1.41481	0.541293	1.10959	1.10959	0.00112688	0.446596	-2.23916	0.0170489	1.63086	1.63086	31.8727	14.2747	0.398103	1
cg17497746	?	?	?	0.215932	2.45935	2.45935	0.382092	1.85786	1.85786	0.359896	0.521806	-1.91642	9.97434	50.2871	6.72219	1
cg22150661	0.512599	0.835929	-1.19627	0.105336	0.620322	-1.61207	0.315006	0.755495	-1.32364	0.0704065	1.72587	1.72587	8.17959	9.43423	1.02523	1
cg23420841	0.0709927	0.313919	-3.18554	0.0072446	0.136679	-7.3164	0.715132	1.23435	1.23435	0.0633945	0.301461	-3.31718	5.34868	27.9495	4.64489	1
cg07762761	0.000598062	0.0521053	-19.1919	0.514182	1.44628	1.44628	0.246467	1.96607	1.96607	0.621491	0.757596	-1.31996	4.72038	20.6758	4.3801	1
cg21442626	0.212982	1.97068	1.97068	0.685275	1.23459	1.23459	0.379394	0.627252	-1.59425	0.402438	1.55768	1.55768	3.85403	16.3289	3.76609	1
cg10184441	0.413434	0.867891	-1.15222	0.608421	1.09152	1.09152	0.359716	1.17302	1.17302	0.635239	0.922214	-1.08435	3.80183	1.72908	0.404269	1
cg24543166	0.296099	1.1094	1.1094	0.000344694	0.575811	-1.73668	0.0361411	0.791754	-1.26302	0.716475	1.03557	1.03557	8.68509	1.26312	0.129276	1
cg22243662	0.52956	1.30184	1.30184	0.505605	1.32281	1.32281	2.68E-06	107.595	107.595	0.26052	1.62589	1.62589	16.3634	44.4558	2.41491	1
cg18888710	7.17E-05	0.127952	-7.81545	9.51E-05	0.13871	-7.20928	0.0259934	0.471871	-2.11923	0.0108832	0.403058	-2.48103	15.7983	20.213	1.13728	1
cg11274233	0.446893	1.08582	1.08582	0.00257308	0.641552	-1.55872	0.00705922	0.690884	-1.44742	0.00547376	0.678446	-1.47396	11.0438	1.9727	0.158778	1
cg21076935	0.140478	1.17935	1.17935	0.0196259	0.745796	-1.34085	0.621591	1.05312	1.05312	0.104389	1.20284	1.20284	5.6045	0.960694	0.152369	1
cg00454409	0.0475226	1.47216	1.47216	0.418696	0.868499	-1.15141	0.00484072	1.89187	1.89187	0.00172985	2.14378	2.14378	5.45988	2.51732	0.409829	1
cg14035550	0.93506	1.01763	1.01763	0.161572	0.725689	-1.378	0.0065106	2.13496	2.13496	0.52749	1.14719	1.14719	5.09191	3.71015	0.647676	1
cg16915916	0.572065	0.72828	-1.3731	0.00053881	0.0503316	-19.8682	0.957029	0.97052	-1.03038	0.042498	0.273278	-3.65927	4.7257	23.0817	4.34159	1
cg21879157	0.778764	0.838302	-1.19289	0.166416	0.396907	-2.51948	0.00797444	8.41362	8.41362	0.0202164	5.77682	5.77682	4.28621	26.6235	5.52127	1
cg14580982	0.953599	0.98583	-1.01437	0.153838	0.687665	-1.4542	0.118059	1.51621	1.51621	0.195788	1.39867	1.39867	3.5632	3.3943	0.846755	1
cg18436444	0.56654	1.23971	1.23971	0.428698	0.741076	-1.34939	0.725805	1.1395	1.1395	0.0589412	0.453371	-2.2057	3.49061	7.60442	1.93648	1
cg02202483	0.60582	0.90037	-1.11065	0.00584695	0.483126	-2.06986	0.581938	0.893951	-1.11863	0.576911	1.12034	1.12034	14.8508	9.56004	0.572213	1
cg03487553	0.354296	0.883979	-1.13125	0.793555	1.03452	1.03452	0.546302	1.08222	1.08222	0.18846	0.834998	-1.19761	3.97719	1.05485	0.235756	1
cg00146334	0.198021	0.683565	-1.46292	0.772822	1.08431	1.08431	0.00169005	0.285188	-3.50646	0.000926483	0.250817	-3.98697	10.9253	13.5298	1.10079	1
cg03722812	0.0726665	0.615024	-1.62595	0.16952	1.4265	1.4265	0.150951	1.45297	1.45297	0.940026	1.01843	1.01843	5.77836	5.39227	0.829496	1
cg15219262	0.0103663	0.600828	-1.66437	0.840244	0.968655	-1.03236	0.522777	1.1076	1.1076	0.0200825	1.55668	1.55668	4.05968	1.60076	0.350496	1
cg10430021	0.191842	0.798431	-1.25246	0.0076691	1.74774	1.74774	0.0557651	1.42349	1.42349	0.254806	1.21375	1.21375	3.57388	1.50251	0.373702	1
cg19783536	0.106369	1.53031	1.53031	0.000752056	0.291329	-3.43254	0.169328	1.42373	1.42373	0.317132	1.28341	1.28341	4.65483	4.2921	0.819622	1
cg10082357	0.233617	0.822324	-1.21607	0.00658978	1.73787	1.73787	0.18106	1.24913	1.24913	0.427833	0.880898	-1.1352	7.0489	2.73959	0.345471	1
cg26682717	0.262189	0.89569	-1.11646	0.789864	1.02549	1.02549	0.674405	0.960969	-1.04062	0.487154	1.06878	1.06878	5.819	0.818237	0.124991	1
cg17140815	0.740097	1.05558	1.05558	0.170566	0.788888	-1.26761	0.564032	1.0994	1.0994	0.0750388	1.38007	1.38007	3.64003	1.52211	0.371696	1
cg09824247	0.130886	0.794426	-1.25877	0.000384017	0.449521	-2.22459	0.558809	1.08699	1.08699	0.198771	1.21117	1.21117	5.3598	1.6897	0.280226	1
cg14535884	0.0152554	0.271244	-3.68672	0.007029	0.217392	-4.59999	0.000704268	0.104202	-9.59672	0.501953	0.741992	-1.34772	8.41356	25.5539	2.69976	1
cg14391907	0.0959852	0.328982	-3.03968	0.276548	1.99025	1.99025	0.00177794	0.0668326	-14.9628	0.684372	0.779943	-1.28215	6.3445	37.1596	5.2062	1
cg14421829	0.450504	0.833596	-1.19962	0.0263802	0.536155	-1.86513	0.300482	1.28914	1.28914	0.00159696	0.342292	-2.92148	5.90987	5.24498	0.788884	1
cg21249829	0.706605	0.931124	-1.07397	0.762843	1.05877	1.05877	0.862227	0.967752	-1.03332	0.819265	0.957729	-1.04414	4.83605	2.72771	0.501366	1
cg26309244	0.0558785	0.762445	-1.31157	0.0237998	0.713333	-1.40187	0.0717648	0.777455	-1.28625	0.00454085	0.622883	-1.60544	3.85259	0.956702	0.220735	1
cg13100753	0.0225328	0.438338	-2.28134	0.00102963	0.23035	-4.34121	0.42775	1.27688	1.27688	0.153889	0.630752	-1.58541	5.80028	8.37126	1.28289	1
cg05789658	0.0278881	0.559916	-1.78598	0.29492	1.27437	1.27437	0.284026	1.28199	1.28199	0.120485	0.686669	-1.45631	3.53256	2.78728	0.701355	1
cg18835815	0.0874222	0.716025	-1.3966	0.375915	1.17453	1.17453	0.305975	1.2064	1.2064	0.381582	0.853108	-1.17218	4.04586	2.00816	0.441198	1
cg15965422	0.00538965	0.675115	-1.48123	0.863471	0.981712	-1.01863	0.0480276	1.27426	1.27426	0.890735	0.985368	-1.01485	15.0161	2.73498	0.1619	1
cg26388599	0.00712313	0.160009	-6.24966	0.00545272	0.145546	-6.87068	0.337812	0.593962	-1.68361	0.0054877	0.145879	-6.85498	5.99846	26.4053	3.9129	1
cg01618530	0.419917	0.866069	-1.15464	0.438666	0.871245	-1.14778	0.702202	1.06933	1.06933	0.225166	1.24892	1.24892	5.15723	2.48682	0.428623	1
cg24926872	0.185478	1.76326	1.76326	0.784313	0.895952	-1.11613	0.706314	0.859295	-1.16375	0.1955	0.57534	-1.7381	4.44484	9.81628	1.93241	1
cg14436056	0.0335756	2.22611	2.22611	0.467341	1.26922	1.26922	0.0135545	2.67738	2.67738	0.721837	1.12213	1.12213	3.80012	6.25385	1.46284	1
cg15646900	0.00305298	0.423566	-2.36091	0.341816	0.812721	-1.23043	0.0789006	1.51148	1.51148	0.274889	1.2719	1.2719	4.03663	2.8656	0.631021	1
cg04000159	0.0124288	0.65225	-1.53315	0.561434	1.08399	1.08399	0.867164	1.02326	1.02326	0.0206662	1.46635	1.46635	3.53797	1.05721	0.265617	1
cg27084087	0.0353938	1.7939	1.7939	0.123272	1.48925	1.48925	0.57612	1.14424	1.14424	0.474762	0.840802	-1.18934	12.4459	11.2174	0.801151	1
cg01009686	0.00245601	0.114759	-8.71393	0.160694	0.47866	-2.08917	0.46234	0.694098	-1.44072	0.563975	1.32891	1.32891	4.85621	17.8356	2.85657	1
cg14176959	0.138197	1.35447	1.35447	0.114166	1.3863	1.3863	0.212392	0.779064	-1.28359	0.307766	1.22223	1.22223	16.1209	9.22482	0.508645	1
cg26358122	0.610524	0.914082	-1.09399	0.00643454	1.85855	1.85855	0.827746	0.962606	-1.03885	0.760969	1.05481	1.05481	14.3557	6.95425	0.430598	1
cg14736373	0.853588	0.965137	-1.03612	0.0367313	1.59381	1.59381	0.410976	0.850872	-1.17527	0.104985	0.711556	-1.40537	12.4772	7.2913	0.519441	1
cg05892902	0.837839	0.966053	-1.03514	0.634934	1.08395	1.08395	0.32066	0.841193	-1.18879	0.728562	0.942975	-1.06047	4.74608	2.135	0.399861	1
cg06334400	0.0805883	0.845116	-1.18327	0.0459354	0.819832	-1.21976	0.717594	0.968952	-1.03204	0.542237	0.94784	-1.05503	20.9256	2.49903	0.106155	1
cg05177287	0.102367	0.719214	-1.39041	0.00261581	2.15642	2.15642	0.970724	1.00679	1.00679	0.096296	0.714117	-1.40033	6.96309	3.74917	0.478609	1
cg05482395	0.458361	0.798434	-1.25245	0.00434229	0.321036	-3.11491	0.114851	0.599809	-1.6672	0.0124721	0.395839	-2.52628	6.34909	8.93615	1.25108	1
cg15567853	0.453922	0.785807	-1.27258	0.0104115	0.360852	-2.77122	0.18333	0.64013	-1.56218	0.259268	0.689441	-1.45045	4.15431	6.56892	1.40554	1
cg20567227	0.351036	0.868621	-1.15125	2.07E-05	0.283432	-3.52818	0.162238	0.803348	-1.24479	0.00626167	0.592898	-1.68663	17.5	5.96836	0.303154	1
cg04114386	0.061961	1.66366	1.66366	0.0100097	0.454999	-2.19781	0.00206078	2.86099	2.86099	0.362702	0.797266	-1.25429	9.8064	9.10931	0.825702	1
cg27015761	0.180404	1.19368	1.19368	0.000185691	0.455836	-2.19377	0.463307	0.911269	-1.09737	0.3081	0.876949	-1.14032	8.97815	2.20285	0.218095	1
cg13100918	0.754837	0.944175	-1.05913	0.328038	1.20339	1.20339	0.3557	0.840112	-1.19032	0.339894	0.834956	-1.19767	3.82593	2.03772	0.47343	1
cg18695665	0.0417227	1.70634	1.70634	0.0301341	1.78686	1.78686	0.733414	1.08093	1.08093	0.632153	1.11604	1.11604	3.7364	3.06624	0.729458	1
cg23888154	0.0203687	3.004	3.004	0.0631901	0.44929	-2.22574	0.264837	0.648964	-1.54092	0.470089	1.3113	1.3113	4.45834	8.03059	1.35094	1
cg08368169	0.180867	0.861769	-1.1604	0.718379	1.03865	1.03865	0.0110099	1.39652	1.39652	0.000358976	0.549091	-1.82119	26.5373	4.60839	0.154362	1
cg14178352	0.00488475	0.538032	-1.85863	0.0524828	1.44247	1.44247	0.26311	0.823786	-1.21391	0.000939744	0.440464	-2.27033	14.8568	6.49572	0.388643	1
cg13096859	0.520081	1.1178	1.1178	0.114077	1.34124	1.34124	0.860112	0.970321	-1.03059	0.0559776	0.690895	-1.4474	8.93519	4.12824	0.410685	1
cg25090499	0.00179095	0.563223	-1.77549	0.015004	1.4715	1.4715	0.0290232	1.3944	1.3944	0.05047	1.33376	1.33376	8.6386	2.28349	0.234965	1
cg06228648	0.747152	1.08944	1.08944	0.361589	0.780082	-1.28192	0.670121	0.892724	-1.12017	0.199116	0.698155	-1.43235	7.47308	8.30053	0.98731	1
cg23947050	0.21174	1.26395	1.26395	0.0231003	1.62206	1.62206	0.254161	1.23617	1.23617	0.165997	0.768723	-1.30086	7.02978	3.52989	0.446341	1
cg07973479	0.355196	1.19219	1.19219	0.0138074	1.75507	1.75507	0.66472	1.08394	1.08394	0.911759	0.979718	-1.0207	6.84451	3.70344	0.480962	1
cg05510976	0.567013	0.882235	-1.13348	0.111425	1.45564	1.45564	0.140945	1.40902	1.40902	0.817781	0.951255	-1.05124	6.68433	4.96383	0.660095	1
cg00990690	0.395791	0.794916	-1.25799	0.149031	0.664706	-1.50442	0.242745	1.38077	1.38077	0.643019	0.8841	-1.13109	5.51083	6.07959	0.98063	1
cg05868813	0.146301	1.45681	1.45681	0.0155406	2.04623	2.04623	0.36349	0.798255	-1.25273	0.00314406	0.377583	-2.64843	5.45409	5.02848	0.819524	1
cg24605553	0.0177512	0.234089	-4.27188	0.122627	0.430591	-2.32239	0.00529681	6.36732	6.36732	0.208265	0.512623	-1.95075	4.54057	18.2435	3.57145	1
cg02057782	0.181643	0.611409	-1.63557	0.0512865	0.462984	-2.1599	0.00476604	3.67037	3.67037	0.181826	0.61155	-1.63519	4.42199	8.43211	1.69498	1
cg01767396	0.0328794	0.326153	-3.06605	0.0929469	0.436122	-2.29294	0.632086	0.805281	-1.2418	0.208561	0.551469	-1.81334	4.27777	13.655	2.8374	1
cg01669085	0.129892	0.528629	-1.89169	0.0558645	0.429975	-2.32571	0.145735	0.54412	-1.83783	0.331851	0.676999	-1.47711	4.23337	10.1789	2.13728	1
cg03736774	0.488343	1.3616	1.3616	0.0895823	2.27189	2.27189	0.00294816	5.98899	5.98899	0.861574	0.92633	-1.07953	4.16009	12.6662	2.70639	1
cg22032364	0.690843	0.921116	-1.08564	0.187344	0.750336	-1.33274	0.793494	0.947503	-1.05541	0.00624595	0.480683	-2.08037	4.03163	2.69771	0.594788	1
cg12778938	0.869889	1.04682	1.04682	0.298128	1.35123	1.35123	0.37477	0.775489	-1.28951	0.025431	0.476477	-2.09874	3.90893	4.82252	1.09664	1
cg14075393	0.18039	0.534365	-1.87138	0.074855	0.417247	-2.39666	0.00584092	0.203927	-4.90372	0.0359128	0.341213	-2.93072	3.86821	11.8906	2.73238	1
cg11165905	0.17388	1.98453	1.98453	0.00106627	9.887	9.887	0.115929	2.24677	2.24677	0.618531	1.26847	1.26847	3.8549	13.7027	3.15966	1
cg18836626	0.551969	1.06329	1.06329	0.0218081	0.755234	-1.32409	0.060801	1.24054	1.24054	0.123141	0.843386	-1.1857	3.781	0.622784	0.146413	1
cg18869815	0.929135	0.979052	-1.0214	0.0177385	1.98624	1.98624	0.197422	0.723047	-1.38304	0.0646547	0.610222	-1.63875	3.65459	3.27861	0.797442	1
cg14463790	0.318765	1.24451	1.24451	0.0686816	1.54123	1.54123	0.335039	0.809735	-1.23497	0.210293	0.755593	-1.32346	3.47066	2.47719	0.634446	1
cg01782371	0.918657	0.991803	-1.00826	0.00435411	0.735704	-1.35924	0.665963	0.965612	-1.03561	0.0228163	1.24545	1.24545	6.30424	0.648127	0.091385	1
cg18439779	0.209911	1.1625	1.1625	0.00567266	1.51211	1.51211	0.00871861	0.683296	-1.4635	0.737843	0.962445	-1.03902	13.7635	2.83041	0.182796	1
cg26129353	0.247999	1.29036	1.29036	0.0185196	0.547251	-1.82732	0.556974	0.882156	-1.13359	3.46E-05	0.184473	-5.42086	12.1189	8.55161	0.627238	1
cg03730389	0.0130408	3.2888	3.2888	0.000389897	8.89554	8.89554	0.0034172	4.65362	4.65362	0.004684	4.27625	4.27625	10.0296	23.7325	2.10332	1
cg12015279	0.00993764	0.574294	-1.74127	0.00520965	0.533703	-1.8737	0.206169	0.796824	-1.25498	0.00279708	0.495745	-2.01717	6.33472	2.9105	0.408402	1
cg10212705	?	?	?	0.169109	1.54989	1.54989	0.00298187	0.295636	-3.38254	0.0300525	0.466163	-2.14517	9.81276	12.3587	1.25946	1
cg12644885	0.712321	0.958771	-1.043	0.902409	1.01404	1.01404	0.10451	1.22351	1.22351	0.0996313	1.22771	1.22771	4.3911	0.898735	0.181931	1
cg24040570	0.993709	1.00075	1.00075	1.44E-05	0.422118	-2.36901	0.402173	1.08533	1.08533	0.0335598	1.2676	1.2676	21.2657	3.07199	0.128406	1
cg06824583	0.0573464	0.695161	-1.43852	0.0032341	0.506942	-1.97261	0.595787	1.09477	1.09477	0.964735	0.99255	-1.00751	4.76304	2.15779	0.402692	1
cg20934881	0.174989	0.708556	-1.41132	2.14E-07	0.0236357	-42.3089	0.251474	0.751152	-1.33129	0.416547	1.21934	1.21934	30.6968	27.732	0.803036	1
cg07244253	0.238187	1.09411	1.09411	0.00202506	0.728395	-1.37288	0.292807	0.923623	-1.08269	0.108611	1.13588	1.13588	9.88845	0.830005	0.0746104	1
cg27442164	0.00165137	0.180786	-5.53139	0.000479905	0.124846	-8.00987	0.513246	0.7774	-1.28634	0.0189072	0.339718	-2.94362	9.67559	22.1006	2.03037	1
cg19760410	0.104773	0.553531	-1.80658	0.009489	0.33408	-2.99329	0.0538448	0.481776	-2.07565	0.011919	0.351034	-2.84872	4.69338	8.27252	1.56675	1
cg16013543	0.058607	0.450119	-2.22163	0.0121497	0.311028	-3.21514	0.100228	0.510234	-1.95989	0.0282671	0.379953	-2.6319	4.49603	9.94084	1.96536	1
cg10246448	0.227847	0.681163	-1.46808	0.0529391	0.513153	-1.94874	0.212281	0.671324	-1.48959	0.610825	1.16844	1.16844	3.57284	5.20606	1.29522	1
cg24671951	0.294388	0.600404	-1.66554	0.0839722	0.407799	-2.45219	0.00526373	5.61853	5.61853	0.593994	1.2871	1.2871	3.50396	12.2116	3.09784	1
cg03067613	0.473135	0.920817	-1.08599	1.05E-08	0.074031	-13.5079	9.99E-06	0.342279	-2.92159	0.00117408	0.583683	-1.71326	104.324	21.1204	0.179955	1
cg19431980	0.996124	1.00094	1.00094	0.116984	0.718885	-1.39104	0.136655	0.73288	-1.36448	?	?	?	13.279	7.02241	0.528834	1
cg06717221	0.03292	0.359538	-2.78135	0.000525536	0.109108	-9.16525	0.105028	2.06738	2.06738	0.0597872	0.418581	-2.38903	11.7099	31.1783	2.36672	1
cg19296556	0.00399964	0.308718	-3.2392	0.000280827	0.154427	-6.47554	0.00116491	0.22963	-4.35484	0.084432	0.570429	-1.75307	14.1459	18.3824	1.01071	1
cg19499085	0.00969206	0.476987	-2.09649	0.73157	1.081	1.081	0.00668548	0.451203	-2.2163	0.0182993	0.523221	-1.91124	9.78906	7.93273	0.720326	1
cg25382352	0.0099462	0.344287	-2.90455	0.000239849	0.13655	-7.32332	0.000879855	0.195309	-5.12009	0.0293909	0.431595	-2.31698	9.55592	16.2339	1.51007	1
cg09385827	0.00304021	0.35593	-2.80954	0.29641	1.3171	1.3171	0.00731189	0.414839	-2.41057	0.00249607	0.343403	-2.91203	9.00286	9.22842	0.911159	1
cg12589308	0.0332808	0.234633	-4.26198	0.000275572	0.0311088	-32.1452	0.0189319	0.190899	-5.23837	0.027761	0.219656	-4.55257	7.87325	42.3353	4.77965	1
cg21885795	0.00458431	1.92633	1.92633	0.00988812	1.76162	1.76162	0.189069	1.27341	1.27341	0.660635	1.07977	1.07977	7.76061	3.70917	0.424843	1
cg02618733	0.0922505	0.620613	-1.61131	0.000978784	0.283047	-3.53298	0.00782661	0.415331	-2.40772	0.0177137	0.475933	-2.10113	6.33681	6.65066	0.932914	1
cg25275011	0.669542	0.903875	-1.10635	0.000544827	0.282255	-3.54289	0.612297	0.886645	-1.12785	0.240226	0.748662	-1.33572	5.76658	5.06122	0.780162	1
cg08316083	0.033705	0.154403	-6.47658	0.00412725	0.0551687	-18.1262	0.0358726	0.158982	-6.29001	0.0711653	0.219099	-4.56415	5.56459	50.0041	7.98768	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11251319	ATP8B3	0.0150673	0.762416	0.872773	-1.14577	0.0454696	2.79994	2.79994	0.501048	1.35868	1.35868	0.968352	1.01797	1.01797	0.0019557	0.14012	-7.13676	0.934288	1.0377	1.0377	0.00362606	0.170884	-5.85193	0.501325	0.736161	-1.3584	0.25032	0.583243	-1.71455	5.17303	16.5034	2.83581	1
cg24697925	ATP8B3	0.0192013	0.886676	0.908556	-1.10065	0.16753	2.68957	2.68957	0.248593	0.44437	-2.25038	0.412767	0.569413	-1.75619	0.00156351	0.0470551	-21.2517	0.338185	0.514797	-1.94251	0.243844	0.440412	-2.2706	0.0134876	0.127863	-7.8209	0.0118837	0.121032	-8.26228	4.77003	34.1682	6.3672	1
cg19472254	ATP8B3	0.0233404	0.0338434	0.28739	-3.4796	0.082832	0.380356	-2.62911	0.16601	0.475495	-2.10307	0.880289	0.92696	-1.0788	0.00763992	0.178013	-5.61756	0.0133309	0.213746	-4.67845	0.00255866	0.121789	-8.21094	0.097721	0.400763	-2.49524	0.167238	0.476652	-2.09796	4.46219	17.8997	3.56571	1
cg15718833	ATP8B3	0.029532	0.0713941	0.507356	-1.971	0.00424538	3.63142	3.63142	0.0286551	2.38668	2.38668	0.90649	0.961174	-1.04039	0.238847	1.51543	1.51543	0.721874	1.128	1.128	0.613115	1.18746	1.18746	0.0804751	0.520304	-1.92195	0.167276	1.64229	1.64229	4.10969	7.39133	1.59868	1
cg17771569	ATP8B3	0.0358133	0.00667996	0.269012	-3.7173	0.774441	1.11317	1.11317	0.711629	0.870622	-1.1486	0.30985	0.675623	-1.48012	0.0704665	0.470305	-2.12628	0.0723359	0.473178	-2.11337	0.00470374	0.246192	-4.06187	0.0553771	0.44472	-2.24861	0.0809051	0.485689	-2.05893	3.83507	8.45662	1.96007	1
cg00868652	ATP8B4	0.00240759	0.000913625	0.196134	-5.09855	0.27604	1.45114	1.45114	0.0317515	0.437243	-2.28706	0.580742	0.832501	-1.2012	0.0471295	2.10972	2.10972	0.00758643	0.323521	-3.09099	0.218282	1.53044	1.53044	0.00212042	4.13507	4.13507	0.926615	1.03074	1.03074	9.13264	15.62	1.52032	1
cg10375016	ATP8B4	0.00310761	0.00158413	0.145217	-6.88624	0.00317022	0.179953	-5.55702	0.0462053	0.378394	-2.64275	0.876587	0.936016	-1.06836	0.00272234	0.171855	-5.81886	0.0127277	0.267899	-3.73275	0.000679034	0.109732	-9.11309	0.0508507	0.388092	-2.57671	0.0120898	0.264142	-3.78584	8.46899	24.2817	2.54856	1
cg07427772	ATP8B4	0.00465082	0.281443	1.27032	1.27032	0.00221738	0.399989	-2.50007	0.00184646	0.388688	-2.57276	0.691985	0.918412	-1.08884	0.119011	1.4357	1.4357	0.176086	0.735319	-1.35995	0.0349484	1.69096	1.69096	0.253552	0.77502	-1.29029	0.00991697	0.49843	-2.0063	7.50223	5.42836	0.64317	1
cg18469148	ATP8B4	0.00568337	0.0189018	0.624356	-1.60165	0.0259978	0.64547	-1.54926	0.00362185	0.520832	-1.92001	0.0879292	0.731968	-1.36618	0.00229147	0.493463	-2.0265	0.0119524	1.68137	1.68137	0.672873	1.07289	1.07289	0.272174	0.827483	-1.20848	0.219252	0.807308	-1.23868	7.05607	3.0675	0.386428	1
cg14718396	ATP8B4	0.00632915	0.16276	0.674748	-1.48203	0.00119279	0.285335	-3.50465	0.0030211	0.341891	-2.92491	0.0553705	0.563614	-1.77426	0.00180973	0.309995	-3.22586	0.676099	1.11732	1.11732	0.0994705	0.620799	-1.61083	0.60415	0.87102	-1.14808	0.0149004	0.453565	-2.20476	6.82551	7.53562	0.981368	1
cg19599368	ATP8B4	0.00741927	0.00288764	0.26995	-3.70438	0.524637	0.813777	-1.22884	0.0331537	0.45113	-2.21666	0.100696	0.562892	-1.77654	0.0110452	0.361039	-2.76979	0.000339521	0.157988	-6.3296	0.56482	0.830261	-1.20444	0.330155	0.725289	-1.37876	0.088353	0.548277	-1.8239	6.49599	10.5102	1.43818	1
cg13399903	ATP8B4	0.0311369	0.505046	0.859553	-1.16339	0.0185219	0.527805	-1.89464	0.00950954	0.479486	-2.08557	0.0205361	0.535574	-1.86716	0.0216827	0.539696	-1.85289	0.829418	0.95287	-1.04946	0.134341	0.696815	-1.4351	0.471729	1.17798	1.17798	0.0244422	0.548872	-1.82192	4.03309	3.19794	0.704824	1
cg16469894	ATP8B4	0.033341	0.246607	0.709209	-1.41002	0.0759923	0.571211	-1.75067	0.00297135	0.314692	-3.17772	0.861687	1.0507	1.0507	0.0304649	0.486149	-2.05698	0.781357	0.924126	-1.0821	0.0176315	0.440959	-2.26778	0.14228	0.639315	-1.56417	0.0305851	0.486487	-2.05555	3.93548	5.01297	1.13226	1
cg23671196	ATP8B4	0.0356861	0.537194	0.853396	-1.17179	0.786632	1.07126	1.07126	0.00146904	0.311929	-3.20586	0.0147944	0.467236	-2.14025	0.785178	0.933025	-1.07178	0.965873	0.989203	-1.01091	0.609542	0.877488	-1.13962	0.61384	1.1378	1.1378	0.0757404	0.605604	-1.65124	3.84002	3.91509	0.906266	1
cg20023184	ATP8B4	0.0399454	0.0834918	0.443638	-2.25409	0.0538011	0.394985	-2.53174	0.00374996	0.190122	-5.25979	0.0289236	0.335315	-2.98227	0.138397	0.508245	-1.96755	0.0219962	0.311755	-3.20764	0.0591569	0.404989	-2.4692	0.722653	0.859689	-1.16321	0.0851875	0.446016	-2.24207	3.68499	10.5041	2.53379	1
cg20651644	ATP8B4	0.040691	0.034821	0.332674	-3.00594	0.027326	0.310906	-3.21641	0.0268256	0.309301	-3.2331	0.436959	0.701318	-1.42589	0.00455183	0.18438	-5.42358	0.797525	1.1219	1.1219	0.241815	0.578027	-1.73002	0.998272	0.999032	-1.00097	0.052191	0.372288	-2.68609	3.65995	11.6035	2.81814	1
cg21557108	ATP8B4	0.0418176	0.0221968	0.0668194	-14.9657	0.00923634	0.0383521	-26.0742	0.0298831	0.0803141	-12.4511	0.236346	0.293878	-3.40277	0.0622945	0.126056	-7.93298	0.244912	0.30106	-3.3216	0.0103558	0.0412905	-24.2186	0.0957795	0.164376	-6.08363	0.06609	0.130719	-7.65001	3.62316	55.8917	13.7122	1
cg25672097	ATP8B4	0.049159	0.794235	1.06596	1.06596	0.0312213	0.539167	-1.85471	0.00336896	0.377363	-2.64997	0.800782	0.940083	-1.06374	0.724631	0.917199	-1.09028	0.035687	0.550253	-1.81734	0.296877	0.767752	-1.3025	0.122621	0.664444	-1.50502	0.0557762	0.58885	-1.69822	3.41003	3.22503	0.840665	1
cg09883851	ATP8B4	0.0497452	0.363088	1.27465	1.27465	0.0197134	0.481334	-2.07756	0.483171	0.831093	-1.20323	0.737629	0.916416	-1.09121	0.47084	1.20979	1.20979	0.369861	0.787353	-1.27008	0.00287942	0.345009	-2.89847	0.727539	1.09506	1.09506	0.197543	0.702141	-1.42422	3.39472	3.62368	0.948842	1
cg26048101	ATP9A	2.85E-05	0.0533888	0.66929	-1.49412	0.296311	1.21915	1.21915	0.0183777	0.592437	-1.68794	0.867828	0.969982	-1.03095	0.130831	0.741905	-1.34788	0.797894	0.954129	-1.04808	0.0549484	0.671484	-1.48924	3.57E-07	14.6905	14.6905	0.573389	1.10972	1.10972	30.8674	16.3696	0.471396	1
cg21324456	ATP9A	0.00690008	0.00484321	0.139106	-7.18877	0.0137882	0.200469	-4.98831	0.00319928	0.119481	-8.36956	0.015956	0.210606	-4.7482	0.0286676	0.255981	-3.90655	0.291021	0.560767	-1.78327	0.00147107	0.0886165	-11.2846	0.906171	0.939648	-1.06423	0.018137	0.219864	-4.54826	6.64483	29.3302	3.92355	1
cg00981877	ATP9A	0.0158283	0.0623762	0.376386	-2.65685	0.0450768	2.91867	2.91867	0.00861316	0.210021	-4.76143	0.0112806	0.228002	-4.38593	0.0650091	0.380923	-2.6252	0.889767	1.06673	1.06673	0.0155243	0.250904	-3.9856	0.985471	1.00852	1.00852	0.0605441	0.37315	-2.67989	5.08921	17.4899	3.05482	1
cg18867627	ATP9A	0.0177252	0.0854967	0.589682	-1.69583	0.250901	0.716529	-1.39562	0.00088185	0.250309	-3.99506	0.160762	0.659504	-1.51629	0.728376	0.907672	-1.10172	0.787262	0.927597	-1.07805	0.0580462	1.81353	1.81353	0.486283	1.21721	1.21721	0.0507191	0.538718	-1.85626	4.9004	5.9919	1.08688	1
cg07339236	ATP9A	0.0198887	0.00511615	0.121035	-8.2621	0.169171	0.433349	-2.30761	0.0375691	0.252251	-3.96431	0.00596405	0.128435	-7.78603	0.0147661	0.180358	-5.54452	0.299905	0.541565	-1.8465	0.0100501	0.156492	-6.39011	0.0294081	0.231204	-4.32518	0.148217	0.412533	-2.42405	4.71349	24.3296	4.58817	1
cg21380183	ATP9A	0.0334802	0.000782935	0.0332284	-30.0947	0.370187	0.539668	-1.85299	0.292432	0.480896	-2.07945	0.11817	0.32075	-3.1177	0.0711694	0.258999	-3.86101	0.563498	0.676086	-1.4791	0.0658852	0.250788	-3.98743	0.239959	0.43837	-2.28118	0.638094	1.37376	1.37376	3.92959	27.9592	6.32449	1
cg02902412	ATP9B	0.0019643	0.00962551	0.555165	-1.80127	0.00249986	0.470356	-2.12605	0.0622472	1.45779	1.45779	0.0231672	0.614164	-1.62823	0.0253817	1.61155	1.61155	0.461573	0.874069	-1.14407	0.000797241	2.48309	2.48309	0.565834	0.901016	-1.10986	0.760648	1.0564	1.0564	9.69261	4.95027	0.453978	1
cg26017880	ATP9B	0.0166612	?	?	?	0.00483263	0.444203	-2.25122	0.311515	0.803962	-1.24384	0.0870779	0.671782	-1.48858	?	?	?	0.923571	0.980301	-1.02009	0.00236305	0.395054	-2.5313	0.31123	1.24401	1.24401	0.727446	0.929987	-1.07528	5.81702	3.0151	0.518323	1
cg03139228	ATP9B	0.0175022	0.0100333	1.6607	1.6607	0.527022	0.904808	-1.10521	0.213294	0.815013	-1.22697	0.266896	1.19785	1.19785	0.00474364	0.556896	-1.79567	0.29839	1.18321	1.18321	0.0294619	1.49211	1.49211	0.709571	0.943283	-1.06013	0.170616	1.25576	1.25576	4.92126	1.89861	0.342931	1
cg20754964	ATP9B	0.0291208	0.0877819	0.654269	-1.52842	0.813648	0.948225	-1.0546	0.478113	0.850129	-1.17629	0.742922	0.92858	-1.07691	0.00132982	0.349696	-2.85963	0.160464	0.713509	-1.40152	0.0685016	0.63183	-1.5827	0.0913173	0.657932	-1.51991	0.00975956	0.479138	-2.08708	4.13015	3.31556	0.713573	1
cg13206735	ATP9B	0.0330682	0.435152	1.18133	1.18133	0.0784052	0.664206	-1.50556	0.0273421	0.57904	-1.727	0.789299	0.94549	-1.05765	0.551099	1.13453	1.13453	0.601425	0.895567	-1.11661	0.00388621	2.25631	2.25631	0.215245	0.761096	-1.31389	0.225599	0.766187	-1.30516	3.94712	2.738	0.616595	1
cg02771587	ATP9B	0.034622	0.867931	1.04395	1.04395	0.0197638	0.48314	-2.06979	0.819568	1.06082	1.06082	0.382152	0.793241	-1.26065	0.909033	0.970894	-1.02998	0.0233719	0.49652	-2.01402	0.0293531	1.94107	1.94107	0.55542	1.16665	1.16665	0.0306256	1.92782	1.92782	3.88235	4.10656	0.940224	1
cg12044704	ATP9B	0.0375682	0.538653	1.10956	1.10956	0.0370417	0.6674	-1.49835	0.862888	0.971547	-1.02929	0.30189	0.83643	-1.19556	0.953949	0.990402	-1.00969	0.108125	0.746221	-1.34009	0.00249509	2.01709	2.01709	0.610689	1.08952	1.08952	0.596794	0.914703	-1.09325	3.76885	1.66461	0.392601	1
cg16665444	ATP9B	0.0417389	0.311675	1.80636	1.80636	0.136704	2.47378	2.47378	0.0440448	3.69581	3.69581	0.0290712	4.27725	4.27725	0.425598	1.58353	1.58353	0.0989349	2.77892	2.77892	0.0233064	4.62536	4.62536	0.00416804	8.75167	8.75167	0.556891	0.714859	-1.39888	3.6257	18.328	4.49336	1
cg13235388	ATP9B	0.0421565	0.753678	1.17114	1.17114	0.202451	0.508992	-1.96467	0.867384	0.919551	-1.08749	0.285066	1.74583	1.74583	0.0198821	0.243966	-4.09893	0.437661	1.48783	1.48783	0.0202026	0.245206	-4.0782	0.11053	2.39337	2.39337	0.0505167	3.0601	3.0601	3.61234	14.4085	3.5455	1
cg18886814	ATP9B	0.0466428	0.315175	0.850229	-1.17615	0.0121062	0.61345	-1.63012	0.0167752	0.633824	-1.57773	0.254494	0.830378	-1.20427	0.0807226	0.738911	-1.35334	0.69691	1.06306	1.06306	0.214014	1.22677	1.22677	0.0943634	0.750306	-1.33279	0.0393639	0.689101	-1.45117	3.47839	1.34445	0.34357	1
cg23841763	ATPAF1;ATPAF1	0.00179659	0.00310773	0.360144	-2.77667	0.00249056	0.346062	-2.88965	0.00137313	0.309709	-3.22884	0.0969819	1.58395	1.58395	0.00137577	0.309822	-3.22766	0.741622	1.08712	1.08712	0.00227521	0.340399	-2.93773	0.796694	0.936897	-1.06735	0.460558	0.827224	-1.20886	9.94725	10.0422	0.897373	1
cg04935181	ATPAF1;ATPAF1	0.00875873	0.977196	0.980664	-1.01972	0.936402	1.05603	1.05603	0.398154	1.80572	1.80572	0.682337	0.754944	-1.3246	0.372564	0.535071	-1.86891	0.000102309	0.00910541	-109.825	0.726399	1.27123	1.27123	0.916494	1.07428	1.07428	0.77484	1.21643	1.21643	6.16526	45.5661	6.56958	1
cg07111441	ATPAF1;ATPAF1	0.016747	0.0044501	0.192741	-5.18831	0.0384988	0.353374	-2.82987	0.0835385	0.435577	-2.29581	0.331835	1.54405	1.54405	0.001745	0.144217	-6.93399	0.0843375	0.436705	-2.28987	0.138255	0.500336	-1.99866	0.131029	0.492899	-2.02881	0.0826733	0.434346	-2.30231	4.99445	14.8919	2.65039	1
cg19706449	ATPAF1;ATPAF1	0.0385036	0.8771	1.03231	1.03231	0.0893258	0.680488	-1.46953	0.423524	1.18289	1.18289	0.109176	1.4318	1.4318	0.00553568	0.472814	-2.115	0.0187271	0.55688	-1.79572	0.540795	1.13567	1.13567	0.31719	0.808589	-1.23672	0.726544	1.07481	1.07481	3.73509	2.49766	0.594401	1
cg06534726	ATPAF1;ATPAF1	0.0404772	0.47646	0.873257	-1.14514	0.112556	1.38178	1.38178	0.111613	1.38316	1.38316	0.0857262	1.42692	1.42692	0.00622358	0.512944	-1.94953	0.493831	0.878034	-1.13891	0.223408	1.27057	1.27057	0.113921	1.3798	1.3798	0.529245	0.887528	-1.12673	3.66707	2.03514	0.493312	1
cg04138976	ATPAF1;ATPAF1	0.0458599	0.0379163	0.34209	-2.9232	0.0531286	0.375573	-2.6626	0.0141302	0.25932	-3.85624	0.272055	1.6645	1.6645	0.103187	0.451845	-2.21315	0.166526	0.518195	-1.92978	0.0145036	0.261259	-3.82762	0.740347	1.15976	1.15976	0.668589	0.825369	-1.21158	3.5006	11.0118	2.79618	1
cg20885063	ATPAF2	0.0179244	0.00281927	0.289471	-3.45457	0.881609	1.04593	1.04593	0.737195	0.903496	-1.10681	0.94908	0.98094	-1.01943	0.0128977	0.394462	-2.5351	0.587668	0.847924	-1.17935	0.0645411	0.534896	-1.86952	0.203176	0.667131	-1.49896	0.0024741	0.281423	-3.55337	4.88203	7.02047	1.27824	1
cg19479919	ATPAF2;C17orf39	8.54E-05	0.0819608	1.34109	1.34109	0.219487	0.821503	-1.21728	0.0840813	0.747482	-1.33782	0.124337	0.776168	-1.28838	4.57E-05	0.30941	-3.23196	0.000925054	0.470803	-2.12403	0.000148364	2.69925	2.69925	0.000108868	0.354107	-2.82401	0.142906	1.27095	1.27095	23.0947	8.48095	0.326423	1
cg05319236	ATPAF2;C17orf39	0.00407408	0.14808	1.66399	1.66399	0.0953883	1.82446	1.82446	0.521466	1.23771	1.23771	0.391576	1.33387	1.33387	0.000120798	0.11031	-9.06539	0.387932	1.33699	1.33699	0.997039	0.998783	-1.00122	0.261469	0.680911	-1.46862	?	?	?	7.97937	12.0994	1.51634	1
cg17170741	ATPAF2;C17orf39	0.0149105	0.235283	0.849416	-1.17728	0.350133	0.881453	-1.13449	0.288859	1.15541	1.15541	0.214944	0.842591	-1.18682	0.00607188	0.624943	-1.60015	0.0210975	0.694952	-1.43895	0.0234995	1.42619	1.42619	0.0313475	1.39283	1.39283	0.55272	1.08199	1.08199	5.19095	1.41527	0.242348	1
cg05552144	ATPAF2;C17orf39	0.0154479	0.0760782	1.65028	1.65028	0.878192	0.961825	-1.03969	0.0567787	1.72838	1.72838	0.0965997	1.58874	1.58874	0.589025	0.870731	-1.14846	0.783527	0.932497	-1.07239	0.000363811	4.2632	4.2632	0.141107	1.49434	1.49434	0.176088	1.44058	1.44058	5.13047	5.23333	0.906711	1
cg16323498	ATPAF2;C17orf39	0.029277	0.0360338	1.49877	1.49877	0.274401	1.20769	1.20769	0.352229	1.17216	1.17216	0.0272242	1.54291	1.54291	0.58219	0.911918	-1.09659	0.380869	1.16084	1.16084	0.00648489	0.555884	-1.79894	0.391982	0.864567	-1.15665	0.0976648	1.35195	1.35195	4.12234	1.7977	0.387632	1
cg15399785	ATPAF2;C17orf39;C17orf39	0.000128657	0.000171104	0.662769	-1.50882	0.00203746	0.755756	-1.32318	0.127365	0.899277	-1.112	0.973391	0.997854	-1.00215	0.000372654	0.693087	-1.44282	0.000651878	0.714221	-1.40013	0.000105161	1.55459	1.55459	0.649491	0.970967	-1.0299	0.212122	1.08832	1.08832	20.6943	1.35909	0.0583776	1
cg18091195	ATPBD4;ATPBD4	0.000809894	0.0192199	0.829018	-1.20625	0.192164	1.0957	1.0957	0.0172602	1.2117	1.2117	0.956953	1.00358	1.00358	0.628204	1.03283	1.03283	1.64E-05	0.555892	-1.79891	0.740162	1.02228	1.02228	0.660539	0.971168	-1.02969	0.850184	1.0126	1.0126	12.4888	0.866826	0.0616962	1
cg18372353	ATPBD4;ATPBD4	0.00275266	0.00519672	0.312486	-3.20014	0.000416785	0.171132	-5.84344	0.00341931	0.285235	-3.50589	0.0555023	0.504376	-1.98265	0.000970903	0.212619	-4.70324	0.168948	0.629884	-1.58759	0.00300869	0.277229	-3.60713	0.0490326	0.492281	-2.03136	0.153109	0.617241	-1.62011	8.77914	13.8291	1.4002	1
cg05887421	ATPBD4;ATPBD4	0.0042386	0.0474859	0.62582	-1.5979	0.194599	0.753014	-1.328	0.0215319	1.7696	1.7696	0.0322881	1.67913	1.67913	0.00543175	0.469402	-2.13037	0.855925	1.03829	1.03829	0.000710318	0.344323	-2.90425	0.272856	0.789833	-1.26609	0.285096	0.794899	-1.25802	7.71633	5.22326	0.601698	1
cg26672431	ATPBD4;ATPBD4	0.0130904	0.915771	1.0309	1.0309	0.0164196	0.430185	-2.32458	0.133263	0.627579	-1.59342	0.11047	0.606333	-1.64926	0.22037	0.690289	-1.44867	0.336303	0.75188	-1.33	0.000747731	0.229555	-4.35625	0.0420326	1.96193	1.96193	0.72805	0.904463	-1.10563	5.41787	7.1	1.16487	1
cg22693302	ATPGD1;ATPGD1	0.000242306	0.301544	1.24528	1.24528	7.14E-06	7.63624	7.63624	0.141034	1.38325	1.38325	0.425117	1.18166	1.18166	0.102156	1.44283	1.44283	5.66E-05	4.63011	4.63011	0.155421	1.36552	1.36552	0.531218	1.13881	1.13881	0.00589324	2.09257	2.09257	17.4378	11.599	0.591254	1
cg13708910	ATPGD1;ATPGD1	0.00510885	0.766115	1.06928	1.06928	0.000425039	3.50151	3.50151	0.297806	1.27425	1.27425	0.0239847	1.83068	1.83068	0.469144	0.847577	-1.17983	0.00986148	2.07989	2.07989	0.0805847	1.54521	1.54521	0.00179167	2.71217	2.71217	0.0442752	1.68007	1.68007	7.29048	5.82197	0.709842	1
cg21404910	ATPGD1;ATPGD1	0.00546968	0.19123	0.837862	-1.19351	0.497966	1.09194	1.09194	0.000333961	2.09568	2.09568	0.948215	0.991731	-1.00834	0.0245561	0.710084	-1.40829	0.286848	1.15187	1.15187	0.202633	0.842016	-1.18763	0.0245565	0.710084	-1.40828	0.287665	0.868377	-1.15157	7.13966	1.84803	0.23008	1
cg02274108	ATPGD1;ATPGD1	0.00803996	0.76813	1.14661	1.14661	0.919666	1.04779	1.04779	0.000304053	0.0661395	-15.1196	0.750333	0.862666	-1.1592	0.0574801	0.370016	-2.70259	?	?	?	0.258398	1.72582	1.72582	0.031276	0.310591	-3.21966	0.378177	1.51955	1.51955	6.46403	19.4868	3.01464	1
cg26317405	ATPGD1;ATPGD1	0.01323	0.12424	0.537235	-1.86138	0.981971	0.991601	-1.00847	0.294302	1.50083	1.50083	0.0361086	0.40262	-2.48373	0.288445	0.662755	-1.50885	0.0279092	0.379188	-2.63722	0.127917	1.84846	1.84846	0.684422	0.858537	-1.16477	0.00070437	0.145507	-6.8725	5.39911	11.914	1.96148	1
cg14399884	ATPGD1;ATPGD1	0.0183662	0.0437685	0.415579	-2.40628	0.81521	1.09275	1.09275	0.560687	0.800205	-1.24968	0.92064	0.96295	-1.03848	0.00225328	0.19795	-5.05179	0.523499	0.782745	-1.27756	0.010687	0.296503	-3.37265	0.03342	2.56417	2.56417	0.807359	0.911601	-1.09697	4.84219	11.0074	2.02065	1
cg07225277	ATPGD1;ATPGD1	0.0418212	0.0109715	0.401662	-2.48965	0.924833	0.973392	-1.02734	0.0243076	2.15367	2.15367	0.803904	0.931371	-1.07369	0.0353813	0.496513	-2.01405	0.0609789	0.546897	-1.8285	0.675771	0.886737	-1.12773	0.174168	0.661576	-1.51154	0.269564	0.719952	-1.38898	3.62305	4.6863	1.14975	1
cg06333012	ATPGD1;ATPGD1	0.0491866	0.30202	0.693608	-1.44174	0.773173	1.10393	1.10393	0.836644	1.0732	1.0732	0.175855	0.611125	-1.63633	0.00194187	0.223131	-4.48167	0.204227	0.632277	-1.58158	0.271684	0.676037	-1.47921	0.391509	1.35038	1.35038	0.0427158	0.450144	-2.22151	3.4093	6.32122	1.6481	1
cg14852267	ATPIF1;ATPIF1;ATPIF1	0.000462553	0.00768766	0.33035	-3.02709	0.253681	1.4703	1.4703	0.971836	0.988649	-1.01148	0.081643	0.535784	-1.86643	0.000147295	0.12113	-8.25561	0.00400888	0.286407	-3.49153	3.79E-05	0.0775187	-12.9001	0.792649	1.08893	1.08893	0.0119884	0.362934	-2.75532	14.6022	24.1825	1.47208	1
cg00033102	ATPIF1;ATPIF1;ATPIF1	0.00906182	0.0168037	0.697349	-1.434	0.00121381	0.557018	-1.79528	0.0136594	0.686031	-1.45766	0.0849598	0.790312	-1.26532	0.00157348	0.570704	-1.75222	0.0358208	0.739543	-1.35219	0.116466	0.809991	-1.23458	0.0398032	0.745556	-1.34128	0.448579	0.909002	-1.10011	6.09911	1.47432	0.214869	1
cg13436232	ATPIF1;ATPIF1;ATPIF1	0.0287434	0.783644	1.09374	1.09374	0.058092	2.44194	2.44194	?	?	?	0.352051	1.38828	1.38828	0.0769851	2.2058	2.2058	0.616698	0.846949	-1.18071	0.00446672	0.0988932	-10.1119	0.434068	1.30854	1.30854	0.0831174	0.465527	-2.1481	13.1734	15.6367	0.445122	1
cg20569141	ATPIF1;ATPIF1;ATPIF1	0.0367466	0.0215681	0.387001	-2.58397	0.016611	0.36314	-2.75376	0.523866	1.2316	1.2316	?	?	?	?	?	?	?	?	?	0.453116	1.28009	1.28009	0.188833	1.57823	1.57823	0.16638	1.62391	1.62391	4.92384	5.10006	1.03579	1
cg24593231	ATR	0.000172832	0.686188	0.897405	-1.11432	0.00816886	0.40571	-2.46481	0.000398166	0.222659	-4.49116	0.0948917	1.63091	1.63091	0.000294648	0.207733	-4.81387	0.00329866	0.344114	-2.90601	2.11E-05	0.101812	-9.82205	0.378612	1.27218	1.27218	0.00103083	0.273655	-3.65424	19.1118	21.498	0.999868	1
cg00969988	ATR	0.000802471	0.000688661	0.669425	-1.49382	0.05177	1.187	1.187	0.00675359	0.76189	-1.31253	0.00488548	0.749079	-1.33497	0.000585602	0.662621	-1.50916	0.0014947	0.701459	-1.4256	0.000755766	0.67331	-1.4852	0.182837	0.896304	-1.11569	0.819126	0.982418	-1.0179	12.5212	1.18944	0.0844394	1
cg23828851	ATR	0.0011562	0.000830623	0.361923	-2.76302	0.00824431	1.97869	1.97869	0.0028638	2.29026	2.29026	0.731037	0.932682	-1.07218	0.00794901	0.50293	-1.98835	0.00120618	0.383817	-2.60541	0.27974	0.796962	-1.25477	0.444804	0.854428	-1.17037	0.605928	0.900231	-1.11083	11.2909	7.29425	0.574248	1
cg09169923	ATR	0.00154184	0.176362	0.853755	-1.1713	0.187129	1.16626	1.16626	0.048602	1.28119	1.28119	0.00564103	1.49121	1.49121	0.103188	0.82195	-1.21662	0.00219166	0.623441	-1.604	0.00179857	0.613575	-1.62979	0.00204896	0.620081	-1.61269	0.503363	1.07757	1.07757	10.3969	1.9924	0.170342	1
cg17945282	ATR	0.00915889	0.158054	1.19165	1.19165	0.882997	1.01726	1.01726	0.478505	1.08731	1.08731	0.0434748	1.30964	1.30964	0.0252117	0.73402	-1.36236	0.590931	1.06507	1.06507	0.000600189	0.540624	-1.84971	0.0764202	0.795328	-1.25734	0.622724	0.944016	-1.0593	6.0785	1.29939	0.190016	1
cg11458642	ATR	0.0251157	0.74404	1.03361	1.03361	0.0231743	1.31511	1.31511	0.0809071	1.21568	1.21568	0.289922	1.11722	1.11722	0.0156113	1.34874	1.34874	0.338056	1.10479	1.10479	0.0710663	0.815886	-1.22566	0.0397881	1.27107	1.27107	0.00755254	1.41458	1.41458	4.35024	0.701591	0.143357	1
cg11936145	ATR	0.04972	0.47752	0.922472	-1.08404	0.0293761	0.750724	-1.33205	0.19613	0.858353	-1.16502	0.385239	1.10459	1.10459	0.0426695	0.770475	-1.2979	0.0114885	0.702357	-1.42378	0.0319108	0.755069	-1.32438	0.324665	1.12036	1.12036	0.731198	0.9622	-1.03929	3.39537	0.671438	0.175779	1
cg16031872	ATR;ATR	0.0123753	0.574299	0.964417	-1.0369	0.933452	1.00534	1.00534	0.582913	1.03603	1.03603	0.0780921	0.880874	-1.13524	0.079993	0.881758	-1.1341	0.865774	0.989274	-1.01084	0.000338966	0.671107	-1.49008	0.562958	1.03804	1.03804	0.155191	1.10293	1.10293	6.23363	0.392612	0.0489867	1
cg12051613	ATRIP;ATRIP	7.93E-05	0.982286	0.997854	-1.00215	0.0170933	1.32491	1.32491	0.000109489	0.517201	-1.93348	0.00182359	1.5354	1.5354	0.000338074	0.571713	-1.74913	0.0758123	1.21077	1.21077	0.000938785	1.61235	1.61235	0.0075911	0.717256	-1.3942	0.00029943	0.565892	-1.76712	23.5556	3.49467	0.131874	1
cg11557929	ATRIP;ATRIP	0.000297939	0.0199465	0.481511	-2.0768	0.000315794	0.219067	-4.56482	0.00136994	0.298702	-3.34782	0.593135	0.869086	-1.15063	0.000107891	0.169304	-5.90655	0.0141791	0.455054	-2.19754	0.000289617	0.21479	-4.6557	0.00568636	0.389191	-2.56943	0.00010519	0.168216	-5.94473	16.4812	17.6683	0.952912	1
cg14697246	ATRIP;ATRIP	0.000831949	0.131731	0.857	-1.16686	0.682833	0.961784	-1.03973	0.738793	0.968758	-1.03225	0.00930505	0.731305	-1.36742	1.34E-05	0.421087	-2.3748	0.0602468	0.81791	-1.22263	0.525106	0.940749	-1.06298	0.615053	1.04927	1.04927	0.0591415	1.22396	1.22396	12.3946	1.7659	0.126642	1
cg08076912	ATRIP;ATRIP	0.0158741	0.116986	0.709944	-1.40856	0.0137351	0.541784	-1.84575	0.0342567	0.608418	-1.64361	0.604064	0.900109	-1.11098	0.0318249	0.602828	-1.65885	0.0039462	0.458389	-2.18155	0.0382553	0.616884	-1.62105	0.191025	1.32116	1.32116	0.0127269	0.536464	-1.86406	5.08433	3.25865	0.569707	1
cg25675571	ATRN	0.0244913	0.992799	0.997884	-1.00212	0.00288935	0.382352	-2.61539	0.098373	0.653505	-1.53021	0.441748	1.20212	1.20212	0.0140577	0.490906	-2.03705	0.117077	1.49112	1.49112	0.061121	0.609419	-1.64091	0.212525	0.734809	-1.3609	0.318007	0.784881	-1.27408	4.38846	3.82794	0.775354	1
cg25275410	ATRN;ATRN	5.00E-05	0.181889	0.828052	-1.20765	0.0139402	0.667369	-1.49842	0.0152883	0.672643	-1.48667	0.772779	0.962184	-1.0393	1.43E-06	0.195314	-5.11997	3.48E-05	0.344602	-2.9019	0.00044035	0.47752	-2.09415	0.997052	1.00049	1.00049	0.00427222	0.601098	-1.66362	26.6155	7.47379	0.249605	1
cg27463953	ATRN;ATRN	0.00944309	0.197869	1.15751	1.15751	0.0390154	0.773544	-1.29275	0.965834	1.00461	1.00461	0.358344	0.903468	-1.10685	0.0378687	1.29533	1.29533	0.00182102	0.621102	-1.61004	0.0123139	0.715337	-1.39794	0.087861	1.22441	1.22441	0.845928	1.02113	1.02113	6.0197	1.10125	0.162614	1
cg19039841	ATRN;ATRN	0.0221949	0.376793	0.811157	-1.23281	0.0102523	0.473909	-2.11011	0.195561	0.729144	-1.37147	0.134318	0.688952	-1.45148	0.346803	0.799663	-1.25053	0.9388	0.982436	-1.01788	0.00258463	2.62152	2.62152	0.939279	0.982573	-1.01774	0.176163	0.71758	-1.39357	4.54017	3.82925	0.749702	1
cg19333507	ATRNL1	0.00180215	0.0282355	0.759178	-1.31721	4.58E-05	0.440782	-2.2687	0.00483507	0.672004	-1.48809	0.0147572	0.726787	-1.37592	0.808696	0.974534	-1.02613	0.747245	0.966196	-1.03499	0.185416	0.861271	-1.16107	0.00475782	0.671217	-1.48983	0.0454165	0.783449	-1.27641	9.93834	1.78028	0.159229	1
cg19521438	ATRNL1	0.00506664	0.428967	0.923593	-1.08273	0.24234	0.88652	-1.12801	0.0182208	0.754155	-1.32599	0.0229297	0.765009	-1.30717	0.00443782	0.688177	-1.45312	0.402656	0.919147	-1.08797	0.0469093	1.25097	1.25097	0.86289	1.01716	1.01716	0.000450806	0.580137	-1.72373	7.30898	1.12171	0.136417	1
cg25434272	ATRNL1	0.00854225	0.000603134	0.228345	-4.37934	0.0142597	0.43003	-2.32542	0.00397996	0.339275	-2.94747	0.0378881	0.510624	-1.95839	0.0122832	0.418658	-2.38859	0.663013	0.884781	-1.13022	0.149377	0.649458	-1.53975	0.0385185	0.512088	-1.95279	0.161326	0.658603	-1.51837	6.21427	7.6718	1.09737	1
cg10747758	ATRNL1	0.0140057	0.0331576	0.580739	-1.72194	0.205478	0.747153	-1.33841	0.00757563	0.472564	-2.11612	0.932358	0.981645	-1.0187	0.00160137	0.372373	-2.68548	0.140808	0.707727	-1.41297	0.0397409	0.595198	-1.68011	0.17827	0.731896	-1.36632	0.0043646	0.435633	-2.29551	5.29918	3.99666	0.670403	1
cg00341042	ATRNL1	0.0199489	0.0317282	0.479055	-2.08744	0.0158691	0.421686	-2.37143	0.158004	1.55456	1.55456	0.640369	0.871509	-1.14743	0.755506	0.912744	-1.0956	0.275246	0.717647	-1.39344	0.00615118	0.351798	-2.84254	0.00441814	0.329381	-3.036	0.442298	0.79534	-1.25732	4.70866	6.37116	1.20273	1
cg24252925	ATRNL1	0.031129	0.00807318	0.301029	-3.32194	0.298095	1.46472	1.46472	0.911319	0.961344	-1.04021	?	?	?	0.00328043	0.242244	-4.12807	0.963865	0.984097	-1.01616	0.63266	1.18578	1.18578	0.76249	0.898299	-1.11321	0.48392	1.28624	1.28624	4.10074	7.2284	1.76271	1
cg00594844	ATRX;ATRX	0.000161437	0.820845	0.967174	-1.03394	0.0310161	0.688952	-1.45148	0.000180713	0.393574	-2.54082	0.0100081	1.61362	1.61362	2.08E-05	0.282607	-3.53849	0.024699	1.48223	1.48223	0.0244016	1.48389	1.48389	0.0418318	1.41226	1.41226	0.733553	0.950965	-1.05156	19.4672	6.67602	0.304833	1
cg18617394	ATRX;ATRX	0.000257264	0.621029	1.12241	1.12241	0.542648	0.86693	-1.1535	0.894499	1.03122	1.03122	0.0422264	0.581462	-1.7198	0.0111896	0.47873	-2.08886	0.0372137	1.75139	1.75139	3.64E-06	0.0809603	-12.3517	0.844077	1.04669	1.04669	0.0527992	0.60046	-1.66539	17.1555	14.5883	0.755871	1
cg12220696	ATRX;ATRX	0.00395115	0.00335942	0.165023	-6.05976	0.441567	0.701641	-1.42523	0.0139808	0.253966	-3.93753	0.0425819	2.86981	2.86981	0.0484927	0.361389	-2.7671	0.00379625	0.171522	-5.83016	0.00256781	0.151392	-6.60538	0.00593188	0.196925	-5.07806	0.140557	0.488787	-2.04588	7.88162	25.4508	2.87034	1
cg01087775	ATRX;ATRX	0.00589752	0.00112978	0.0879533	-11.3697	0.00486409	0.150454	-6.64656	0.0868587	0.383141	-2.61001	0.764158	1.16492	1.16492	0.00480766	0.149845	-6.67355	0.0344512	0.286117	-3.49507	0.213933	0.514848	-1.94232	0.00517621	0.153729	-6.50497	0.00969931	0.190129	-5.25959	6.97614	28.4377	3.62349	1
cg00120172	ATRX;ATRX	0.0116579	0.633383	1.17874	1.17874	0.712335	1.13512	1.13512	0.00214274	0.228642	-4.37365	0.71018	1.13626	1.13626	0.00216708	0.229287	-4.36135	0.336457	1.40376	1.40376	0.104115	1.83688	1.83688	0.617204	1.18821	1.18821	0.275133	1.47483	1.47483	5.62598	10.4348	1.64867	1
cg20269537	ATXN10;ATXN10	0.00392195	0.377878	0.849834	-1.1767	0.00216025	2.16926	2.16926	0.148766	1.32114	1.32114	0.00262035	2.1155	2.1155	0.839599	0.964209	-1.03712	0.0255693	1.61135	1.61135	0.00370488	0.49399	-2.02433	0.512661	1.12683	1.12683	0.0731002	1.43257	1.43257	7.89925	4.04621	0.455314	1
cg08715146	ATXN10;ATXN10	0.00759161	0.121923	1.23272	1.23272	0.000289926	2.09099	2.09099	0.171711	1.1991	1.1991	0.0545827	1.31275	1.31275	0.014967	1.45256	1.45256	0.631137	1.06223	1.06223	0.139734	1.21934	1.21934	0.0172221	1.43643	1.43643	0.00553229	1.57612	1.57612	6.44942	1.59069	0.219236	1
ch.22.909671F	ATXN10;ATXN10	0.0198128	0.0182432	0.451734	-2.21369	0.821761	1.06457	1.06457	0.355488	0.768294	-1.30158	0.0428476	0.523929	-1.90866	0.25524	0.71936	-1.39012	0.29629	0.740585	-1.35028	0.000527884	0.223718	-4.46992	0.250518	0.716784	-1.39512	0.0853815	0.59015	-1.69448	4.71962	5.7484	1.08265	1
cg03881351	ATXN10;ATXN10	0.0281377	0.0397369	0.347385	-2.87865	0.00416242	0.181262	-5.51689	0.0281972	0.315885	-3.16571	0.93592	0.964875	-1.0364	0.0452429	0.360063	-2.77729	0.0599076	0.389092	-2.57008	0.0147391	0.263247	-3.79871	0.027289	0.313022	-3.19467	0.470385	0.721413	-1.38617	4.18055	13.0921	2.78371	1
cg10948748	ATXN10;ATXN10	0.0307888	0.0274726	2.56896	2.56896	0.518185	0.793543	-1.26017	0.620256	1.19264	1.19264	0.0935623	1.93362	1.93362	0.803243	0.915789	-1.09196	0.161468	1.70255	1.70255	0.0054682	0.260331	-3.84127	0.0735517	2.04388	2.04388	0.143676	1.75007	1.75007	4.45559	8.57277	1.49648	1
cg04035031	ATXN10;ATXN10;ATXN10;ATXN10	3.28E-05	5.09E-07	0.0375537	-26.6285	0.276737	0.76742	-1.30307	0.0316451	1.80318	1.80318	0.660769	1.10886	1.10886	0.0804797	0.635296	-1.57407	0.92435	1.02247	1.02247	0.233894	1.33913	1.33913	0.000298162	0.252235	-3.96456	0.605995	1.12947	1.12947	29.7624	25.8098	0.770841	1
cg15014355	ATXN1;ATXN1	0.000171377	0.105991	0.814258	-1.22811	0.162851	0.840824	-1.18931	0.315662	0.886262	-1.12833	3.31E-06	0.278521	-3.59039	0.0130588	0.698827	-1.43097	0.340452	1.12112	1.12112	0.00272699	1.61862	1.61862	0.169595	0.84343	-1.18564	0.0520315	0.773183	-1.29336	19.1556	4.10913	0.190679	1
cg04330057	ATXN1;ATXN1	0.000190704	0.000374033	2.54852	2.54852	0.00222822	2.0224	2.0224	0.321631	1.18335	1.18335	7.69E-05	3.24712	3.24712	0.128307	1.31035	1.31035	0.00332753	0.518329	-1.92928	0.00620859	1.79793	1.79793	0.00010756	3.07379	3.07379	0.0326112	1.50858	1.50858	18.6097	7.96777	0.38058	1
cg21996137	ATXN1;ATXN1	0.000204026	0.000976616	0.686873	-1.45587	0.00150595	1.41935	1.41935	0.0252117	1.22609	1.22609	0.00058393	0.665557	-1.5025	0.0400247	0.833813	-1.19931	0.000225221	0.625066	-1.59983	0.000852958	0.681298	-1.46779	0.401971	1.06789	1.06789	0.2744	1.091	1.091	18.2722	1.69717	0.0825624	1
cg24831711	ATXN1;ATXN1	0.00170133	0.00473887	0.352226	-2.83908	0.00707495	0.379788	-2.63305	0.939927	1.02119	1.02119	0.171401	0.666942	-1.49938	0.000166999	0.168119	-5.94818	0.0117981	0.416971	-2.39825	0.000793368	0.244165	-4.09559	0.00401709	0.34124	-2.93049	0.265721	0.724256	-1.38073	10.1055	12.3839	1.0893	1
cg08224852	ATXN1;ATXN1	0.00181784	3.32E-05	0.190695	-5.24398	0.896983	0.973703	-1.02701	0.0836393	0.674423	-1.48275	0.544528	1.13448	1.13448	0.937701	1.01621	1.01621	0.18809	1.33235	1.33235	0.0422225	1.61836	1.61836	0.69011	1.08594	1.08594	0.30225	0.802628	-1.24591	9.91338	6.64512	0.595839	1
cg06351796	ATXN1;ATXN1	0.00183375	0.00147336	0.16122	-6.20269	0.0109022	0.280589	-3.56393	0.00627327	0.242674	-4.12076	0.0038977	0.213236	-4.68964	0.00584725	0.238145	-4.19913	0.0495771	0.410294	-2.43728	0.000170026	0.0786779	-12.7101	0.303622	0.654628	-1.52759	0.004755	0.225192	-4.44065	9.88835	24.7646	2.22615	1
cg04542938	ATXN1;ATXN1	0.00354276	0.877743	1.01622	1.01622	0.630947	0.950681	-1.05188	0.0141108	0.728665	-1.37237	0.876924	0.983936	-1.01633	0.623199	1.05311	1.05311	0.135415	0.845219	-1.18312	0.0001138	0.492679	-2.02972	0.0354686	1.29154	1.29154	0.288803	1.12194	1.12194	8.14415	1.40832	0.15371	1
cg06795078	ATXN1;ATXN1	0.00420683	0.25427	0.870917	-1.14821	0.00224588	1.64319	1.64319	0.00328061	1.5923	1.5923	0.153171	0.837285	-1.19434	0.031318	0.745828	-1.34079	0.00874921	0.678587	-1.47365	0.111202	0.817546	-1.22317	0.604139	1.06261	1.06261	0.741319	0.96227	-1.03921	7.7339	1.651	0.189757	1
cg13699887	ATXN1;ATXN1	0.00453668	0.00269638	0.262577	-3.80841	0.449802	1.26644	1.26644	0.250005	1.44797	1.44797	0.932887	0.974568	-1.0261	0.0173765	0.400828	-2.49484	0.0272136	0.439957	-2.27295	0.000289117	0.14028	-7.12861	0.245218	0.687754	-1.45401	0.95035	1.01923	1.01923	8.79494	12.7549	1.12798	1
cg01669517	ATXN1;ATXN1	0.00472393	0.0174586	0.657311	-1.52135	0.0129063	0.639147	-1.56458	0.018964	1.50982	1.50982	0.290302	1.17251	1.17251	0.0963484	1.30313	1.30313	0.0154876	0.650078	-1.53828	0.00486348	1.71845	1.71845	0.750509	0.954793	-1.04735	0.0823068	1.32196	1.32196	7.46673	2.48687	0.296054	1
cg22274117	ATXN1;ATXN1	0.00480331	0.00290684	0.157813	-6.33662	0.0454703	0.35523	-2.81508	0.00213481	0.142755	-7.005	0.0135095	0.251739	-3.97237	0.0422981	0.348104	-2.8727	0.677082	0.827828	-1.20798	0.0233967	0.294644	-3.39392	0.0183106	3.63931	3.63931	0.0670567	0.396104	-2.52459	7.42895	23.9495	2.86561	1
cg26794346	ATXN1;ATXN1	0.00571727	0.734915	0.937482	-1.06669	0.000152649	0.291227	-3.43375	0.00468743	0.48967	-2.04219	0.369993	0.839553	-1.19111	0.319558	1.21579	1.21579	0.985612	1.00343	1.00343	0.843916	1.03816	1.03816	0.989817	1.00243	1.00243	0.53898	1.12542	1.12542	7.04317	4.02523	0.508008	1
cg05968188	ATXN1;ATXN1	0.00607007	0.164112	0.669662	-1.49329	0.00406015	0.352771	-2.8347	0.00355791	0.344116	-2.90599	0.190601	0.687753	-1.45401	0.017506	0.457942	-2.18368	0.20241	0.695249	-1.43833	0.939778	0.9798	-1.02062	0.00482197	2.74547	2.74547	0.615324	1.14664	1.14664	6.91432	7.98805	1.02692	1
cg24272514	ATXN1;ATXN1	0.00825233	0.000570097	0.291765	-3.42742	0.0214015	0.542933	-1.84185	0.990471	0.997441	-1.00257	0.259468	0.775666	-1.28922	0.0398739	0.593638	-1.68453	0.3835	0.824927	-1.21223	0.682411	0.91545	-1.09236	0.0373106	1.70047	1.70047	0.110973	1.4587	1.4587	7.18162	5.12532	0.555078	1
cg08996301	ATXN1;ATXN1	0.00877885	0.241804	1.16121	1.16121	0.835209	0.974908	-1.02574	0.00868407	0.664954	-1.50386	0.506235	1.08576	1.08576	0.0980844	0.801422	-1.24778	0.059879	0.771819	-1.29564	0.00171073	1.72678	1.72678	0.0993497	1.24655	1.24655	0.132928	0.820547	-1.2187	6.16078	1.45218	0.209524	1
cg10581503	ATXN1;ATXN1	0.010128	0.387086	1.09935	1.09935	0.0812243	0.813413	-1.22939	0.00527049	0.675011	-1.48146	0.259181	1.13401	1.13401	0.0514533	1.2673	1.2673	0.0776108	1.23313	1.23313	0.00635299	1.46161	1.46161	0.104462	0.82728	-1.20878	0.347945	0.901907	-1.10876	5.88661	1.06416	0.160691	1
cg21374672	ATXN1;ATXN1	0.0117975	0.0100111	0.318983	-3.13496	0.166756	0.595675	-1.67877	0.00549588	0.277266	-3.60664	0.447483	0.761801	-1.31268	0.00290068	0.237244	-4.21507	0.538239	0.803324	-1.24483	0.0051821	0.273401	-3.65763	0.309557	1.44707	1.44707	0.203489	0.623944	-1.60271	5.60433	10.9614	1.73857	1
cg12569592	ATXN1;ATXN1	0.0130165	0.256945	0.716999	-1.3947	0.115138	1.61877	1.61877	0.109984	0.612719	-1.63207	0.864224	0.953016	-1.0493	0.00669386	0.371939	-2.68861	0.557295	0.846295	-1.18162	0.00980341	0.399284	-2.50448	0.0267386	2.09178	2.09178	0.0187535	0.448964	-2.22735	5.4279	6.79649	1.11301	1
cg25499746	ATXN1;ATXN1	0.0133964	0.0162021	0.270247	-3.70033	0.0190182	0.282767	-3.53648	0.0168637	0.273328	-3.65861	0.0843621	0.427666	-2.33827	0.00436248	0.183741	-5.44243	0.0525238	0.375028	-2.66647	0.00326495	0.167953	-5.95406	0.0157527	0.268098	-3.72998	0.0550236	0.379877	-2.63243	5.37707	16.8557	2.78643	1
cg11291305	ATXN1;ATXN1	0.0160359	0.00824196	0.115941	-8.62507	0.0129342	0.139831	-7.15149	0.00934611	0.122221	-8.18189	0.0978303	0.314092	-3.18378	0.203939	0.425312	-2.35122	0.165497	0.389391	-2.56811	0.00515451	0.0948597	-10.5419	0.212744	2.30896	2.30896	0.0965183	0.312393	-3.2011	5.06721	32.6297	5.7239	1
cg19566879	ATXN1;ATXN1	0.0183959	0.0782192	0.570237	-1.75366	0.00317039	0.314364	-3.18103	0.00957897	0.389955	-2.5644	0.561343	0.84484	-1.18366	0.00383347	0.326613	-3.06173	0.965758	0.987751	-1.0124	0.385352	0.774531	-1.2911	0.631055	0.870304	-1.14902	0.0251659	0.465599	-2.14777	4.83956	6.31716	1.16028	1
cg11731414	ATXN1;ATXN1	0.0192694	0.379287	1.23604	1.23604	0.0032034	2.57357	2.57357	0.134701	1.46066	1.46066	0.451414	1.19753	1.19753	0.0151233	0.495944	-2.01635	0.384807	1.23287	1.23287	0.657092	1.11068	1.11068	0.00970053	2.15703	2.15703	0.891074	1.03271	1.03271	4.76432	4.16494	0.777062	1
cg10255171	ATXN1;ATXN1	0.0225366	0.44161	0.898181	-1.11336	0.0708768	1.3181	1.3181	0.0032341	0.577107	-1.73278	0.187778	1.2105	1.2105	0.0506159	0.73724	-1.35641	0.13044	1.25049	1.25049	0.113597	1.26568	1.26568	0.806589	1.03414	1.03414	0.333541	1.14626	1.14626	4.5164	1.33972	0.263675	1
cg18440893	ATXN1;ATXN1	0.0254956	0.719373	0.888171	-1.12591	0.421827	0.763606	-1.30958	0.892997	1.04523	1.04523	0.330866	0.719081	-1.39066	0.858296	1.0605	1.0605	0.00754177	0.323029	-3.0957	0.000841755	0.191946	-5.2098	0.857597	1.06081	1.06081	0.735901	0.894697	-1.1177	4.32755	7.40469	1.52094	1
cg12451671	ATXN1;ATXN1	0.0259615	0.590426	1.14189	1.14189	0.413486	0.815332	-1.22649	0.00756543	0.432125	-2.31415	0.178632	0.705429	-1.41758	0.102347	0.646258	-1.54737	0.0106901	2.18925	2.18925	0.348005	1.26612	1.26612	0.723686	1.09055	1.09055	0.0956987	1.56346	1.56346	4.3003	4.06152	0.839532	1
cg17014647	ATXN1;ATXN1	0.0292796	0.0820054	0.478346	-2.09054	0.0172713	0.329597	-3.03401	0.0041959	0.23048	-4.33876	0.770279	0.893999	-1.11857	0.926755	0.965426	-1.03581	0.783722	1.11103	1.11103	0.0676252	2.18908	2.18908	0.849716	0.929982	-1.07529	0.0551892	0.435247	-2.29755	4.12221	9.56067	2.06161	1
cg03680932	ATXN1;ATXN1	0.0350897	0.164286	1.81212	1.81212	0.0102173	3.65918	3.65918	0.0662871	2.28231	2.28231	0.846023	1.081	1.081	0.241566	1.63408	1.63408	0.248491	1.62138	1.62138	0.00456146	4.54174	4.54174	0.0291544	2.8006	2.8006	0.0213081	3.03024	3.03024	3.86355	9.82042	2.25939	1
cg01686115	ATXN1;ATXN1	0.0388947	0.0553131	0.774742	-1.29075	0.77254	0.966522	-1.03464	0.0370397	1.32909	1.32909	0.0398559	0.756435	-1.32199	0.231133	1.15902	1.15902	0.35737	1.11763	1.11763	0.598147	0.939423	-1.06448	0.272888	1.14347	1.14347	0.0165999	1.41018	1.41018	3.72128	0.813529	0.194325	1
cg04699519	ATXN1;ATXN1	0.0416082	0.0781538	2.74296	2.74296	0.00503772	6.77024	6.77024	0.11159	2.44359	2.44359	0.116645	2.40836	2.40836	0.076606	2.7607	2.7607	0.068377	2.86346	2.86346	0.0817337	2.70363	2.70363	0.0108157	5.2091	5.2091	0.0376671	3.46622	3.46622	3.62991	15.282	3.74225	1
cg05899549	ATXN1L	0.000246317	0.00024656	0.224364	-4.45705	0.213654	0.723817	-1.38157	0.0198561	0.499537	-2.00186	0.00132868	0.315973	-3.16483	2.05E-05	0.119631	-8.35901	0.00196839	0.339713	-2.94366	0.000731461	0.281637	-3.55067	0.670353	1.11148	1.11148	0.00154206	0.324862	-3.07823	17.36	16.7514	0.857726	1
cg18170098	ATXN1L;ATXN1L	0.00192832	0.00157594	1.77935	1.77935	0.63411	0.940941	-1.06277	0.10744	1.2499	1.2499	0.0944124	1.26292	1.26292	0.000492533	1.99938	1.99938	0.384903	0.893059	-1.11975	0.0275896	1.39201	1.39201	0.00314333	0.598981	-1.6695	0.406051	1.11396	1.11396	9.7449	2.48772	0.226919	1
cg06503216	ATXN1L;ATXN1L	0.00574778	0.0911023	0.593752	-1.6842	0.154279	0.65236	-1.5329	0.0620625	0.555184	-1.8012	0.00379572	0.334966	-2.98537	0.0043698	0.344249	-2.90487	0.257507	0.718209	-1.39235	0.000209452	0.176018	-5.68125	0.214984	0.693767	-1.44141	0.112795	0.616619	-1.62175	7.03164	8.73796	1.10459	1
cg16367606	ATXN1L;ZNF821	0.000293635	0.00015132	0.178333	-5.60748	0.119542	1.56497	1.56497	0.689733	1.11227	1.11227	0.0467262	1.82899	1.82899	0.000292257	0.209004	-4.78459	0.000892667	0.267362	-3.74025	0.000495726	0.235626	-4.24402	0.183435	0.687822	-1.45387	0.0035136	0.350078	-2.8565	16.547	18.4239	0.989717	1
cg12313568	ATXN2	0.000561581	0.140618	0.9054	-1.10448	0.000563296	1.39819	1.39819	0.0784011	1.13041	1.13041	0.882531	1.00931	1.00931	0.0206707	1.1909	1.1909	0.0405852	1.15981	1.15981	7.43E-05	0.636796	-1.57036	0.143071	0.906034	-1.10371	0.0835807	1.12758	1.12758	13.8367	0.86147	0.0553422	1
cg26214026	ATXN2	0.00642273	0.0218114	2.28589	2.28589	0.0100189	2.65492	2.65492	0.0307367	2.14294	2.14294	0.157786	0.63532	-1.57401	0.0200335	0.430474	-2.32302	0.0667749	0.539403	-1.8539	0.00978945	0.37495	-2.66702	0.175774	1.54092	1.54092	0.969778	0.988685	-1.01144	6.79453	9.70747	1.26997	1
cg07927257	ATXN2	0.00988725	0.0324054	0.501179	-1.9953	0.448363	1.2375	1.2375	0.621626	0.871789	-1.14707	0.118332	1.59625	1.59625	0.00297398	0.32491	-3.07778	0.674769	1.12344	1.12344	0.133562	0.639996	-1.56251	0.00395256	2.91285	2.91285	0.287648	0.737506	-1.35592	5.93208	7.14651	1.07086	1
cg07932199	ATXN2	0.0233509	0.0285821	0.253079	-3.95134	0.0153846	0.205554	-4.8649	0.0381719	0.278556	-3.58995	0.0453448	0.294868	-3.39135	0.00520857	0.140692	-7.10774	0.244778	0.523486	-1.91027	0.0146918	0.202357	-4.94176	0.893773	0.931398	-1.07366	0.0187271	0.219695	-4.55177	4.46149	19.995	3.98372	1
cg06923988	ATXN2	0.0282167	0.0222102	0.409333	-2.443	0.0879146	1.84725	1.84725	?	?	?	0.0184274	0.3939	-2.53872	0.0621702	0.5045	-1.98216	0.169015	0.620341	-1.61202	0.530623	1.22996	1.22996	0.0775038	1.89537	1.89537	0.958466	0.983173	-1.01711	4.24756	6.34906	1.49475	1
cg05006270	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L	9.50E-05	0.628994	1.0774	1.0774	0.176585	1.24607	1.24607	0.145903	0.787351	-1.27008	0.463651	1.12101	1.12101	0.000173178	0.576637	-1.73415	0.000787137	0.459703	-2.17532	5.29E-06	0.20581	-4.85885	0.62862	1.07749	1.07749	0.000571513	0.441819	-2.26337	22.4451	8.33677	0.33016	1
cg00184016	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L	0.00171831	0.0131275	1.55026	1.55026	0.0201147	1.4913	1.4913	0.580486	1.08282	1.08282	0.00977753	1.55307	1.55307	0.184763	0.81832	-1.22202	0.000181615	0.405503	-2.46607	0.163433	0.808955	-1.23616	0.454796	0.89716	-1.11463	0.0482964	1.1287	1.1287	10.7065	3.24254	0.286038	1
cg00536289	2L	0.00791686	0.408036	0.80837	-1.23706	0.70874	1.09892	1.09892	0.966271	1.01069	1.01069	0.404777	1.15887	1.15887	0.101378	1.56973	1.56973	0.273511	0.750918	-1.3317	0.00225471	0.341427	-2.92888	0.000770303	0.278019	-3.59688	0.319841	1.29487	1.29487	6.36503	3.07026	0.889619	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05012983	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L	0.0264324	0.322064	0.940387	-1.06339	0.00270654	1.28268	1.28268	0.196388	1.08554	1.08554	0.360365	0.945066	-1.05813	0.259697	1.0732	1.0732	0.445557	0.954352	-1.04783	0.464144	0.95622	-1.04578	0.014744	0.834997	-1.19761	0.943439	0.995746	-1.00427	4.27336	0.244338	0.050824	1
cg04244056	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L	0.0295797	0.342075	0.833631	-1.19957	0.153584	1.32845	1.32845	0.273452	0.809083	-1.23597	0.00780244	1.88679	1.88679	0.0268475	1.62813	1.62813	0.019099	1.6943	1.6943	0.77663	0.948499	-1.0543	0.295293	0.817299	-1.22354	0.377047	0.844936	-1.18352	4.10734	2.24776	0.486447	1
cg10500579	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.000247452	1.12E-05	0.316627	-3.15829	0.494515	1.08918	1.08918	0.00181454	1.72639	1.72639	0.434314	1.10323	1.10323	0.198403	1.18221	1.18221	0.875756	1.01945	1.01945	0.630446	1.06151	1.06151	0.00122228	1.79074	1.79074	0.896794	0.984146	-1.01611	17.3383	4.16434	0.213495	1
cg02930898	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.00395699	0.0368016	0.825161	-1.21189	0.600943	0.959047	-1.0427	0.233851	0.905843	-1.10394	0.033998	0.821942	-1.21663	0.750991	0.975091	-1.02555	0.370746	1.07554	1.07554	0.000273312	1.60395	1.60395	0.217842	1.10817	1.10817	0.0152328	1.26636	1.26636	7.87812	0.783307	0.0883806	1
cg26081025	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.00467169	0.973105	1.00733	1.00733	0.000711605	0.327478	-3.05364	0.00726123	0.472435	-2.11669	0.225983	0.759348	-1.31692	0.00694368	0.469396	-2.1304	0.00527856	0.450992	-2.21734	0.00269227	0.407408	-2.45454	0.0309332	0.577758	-1.73083	0.0575377	0.628096	-1.59211	7.49203	5.56296	0.660016	1
cg09972424	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.0115707	0.742688	1.11034	1.11034	0.0651459	0.517969	-1.93062	0.899552	0.960674	-1.04094	0.0583069	0.506742	-1.97339	0.867835	1.05434	1.05434	0.00102576	0.213085	-4.69297	0.0169805	0.396585	-2.52153	0.0436047	2.08983	2.08983	0.497377	1.24469	1.24469	5.63967	9.01541	1.42095	1
cg12027153	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.0244009	0.333777	0.772238	-1.29494	0.306939	0.760171	-1.31549	0.187883	1.43591	1.43591	0.145372	0.666733	-1.49985	0.381822	0.792518	-1.2618	0.103151	0.629899	-1.58756	0.00362659	2.77475	2.77475	0.0246685	2.00088	2.00088	0.550821	0.855155	-1.16938	4.3941	4.67775	0.946269	1
cg20089531	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.0444801	0.658853	1.11782	1.11782	0.0314148	0.53115	-1.88271	0.00869938	0.432516	-2.31205	0.0456527	0.563025	-1.77612	0.0448032	0.561382	-1.78132	0.548804	0.858924	-1.16425	0.280211	1.32496	1.32496	0.074425	0.607594	-1.64584	0.134892	0.667619	-1.49786	3.54088	3.52392	0.88463	1
cg10182287	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.0455159	0.896507	1.04046	1.04046	0.0722533	0.54261	-1.84294	0.188624	0.654106	-1.5288	0.0427806	0.491326	-2.03531	0.702686	1.12398	1.12398	0.853937	1.05777	1.05777	0.746488	0.905879	-1.1039	0.00160116	0.25168	-3.97331	0.955132	0.982999	-1.01729	3.5105	5.16361	1.30747	1
cg00595697	ATXN3L	0.000794542	0.213869	1.36543	1.36543	0.830325	0.950213	-1.0524	0.000323392	0.250581	-3.99072	0.471739	1.19031	1.19031	5.00E-05	0.163529	-6.11511	0.718782	1.08987	1.08987	0.0738972	1.60654	1.60654	0.376638	1.24099	1.24099	0.710843	1.09267	1.09267	12.5563	11.2628	0.797321	1
cg12615934	ATXN3L	0.00222401	0.323315	1.55281	1.55281	0.00291192	0.171214	-5.84066	0.0531804	0.387651	-2.57964	0.003551	0.181871	-5.49841	0.000749639	0.110135	-9.07974	0.0474479	2.65966	2.65966	0.411392	1.43669	1.43669	0.458958	0.722317	-1.38443	0.00471496	0.19795	-5.05179	9.34755	27.5497	2.61979	1
cg17290095	ATXN3L	0.0206556	0.0701542	0.450492	-2.21979	0.0253533	0.350999	-2.84901	0.0136398	0.300654	-3.32608	0.12203	0.516774	-1.93508	0.00430548	0.222339	-4.49764	0.187608	1.73334	1.73334	0.834152	0.920734	-1.08609	0.953114	1.02343	1.02343	0.0214598	0.336803	-2.96909	4.6532	11.4335	2.18412	1
cg06793890	ATXN3L;ATXN3L	0.0136621	0.615101	1.32812	1.32812	0.0754319	0.330282	-3.02771	0.117589	0.386234	-2.58911	0.501425	0.682563	-1.46507	0.00527856	0.127652	-7.83377	0.00333654	0.106887	-9.35564	0.847854	0.898071	-1.1135	0.120184	0.389253	-2.56902	0.00232614	0.092546	-10.8054	5.34257	26.5078	4.41034	1
cg07275179	ATXN7;ATXN7	0.00137397	0.0250229	0.607326	-1.64656	0.0179173	0.583859	-1.71274	0.000555575	0.367146	-2.72371	0.00271585	0.460945	-2.16946	0.118421	0.728294	-1.37307	0.0694186	0.683945	-1.46211	0.00526601	1.99004	1.99004	0.327804	1.20795	1.20795	0.00255035	0.457076	-2.18782	10.7473	5.95433	0.492473	1
cg16782675	ATXN7;ATXN7	0.00217945	0.0121975	1.52791	1.52791	0.000196486	0.427555	-2.33888	0.0133214	0.659554	-1.51618	0.49757	1.09798	1.09798	0.719999	0.952318	-1.05007	0.875564	1.0215	1.0215	0.183657	1.21102	1.21102	0.181663	0.824943	-1.2122	0.00532266	0.6075	-1.64609	9.40307	2.74355	0.259353	1
cg00036369	ATXN7;ATXN7	0.00315255	0.0386831	1.73135	1.73135	0.00549127	0.433044	-2.30924	0.00567826	0.435301	-2.29726	0.125001	1.46328	1.46328	0.0242059	1.8515	1.8515	0.00118921	2.97246	2.97246	0.458318	1.189	1.189	0.77204	0.935578	-1.06886	0.880167	1.03519	1.03519	8.43288	7.01854	0.739807	1
cg27518272	ATXN7;ATXN7	0.00670764	0.0196514	0.705113	-1.41821	0.00149541	0.566916	-1.76393	0.00553832	0.636438	-1.57124	0.00420366	0.621722	-1.60844	0.0187433	0.7025	-1.42349	0.200822	0.845784	-1.18234	0.282823	1.14837	1.14837	0.56139	1.07551	1.07551	0.132031	0.817489	-1.22326	6.70358	1.6316	0.216348	1
cg12111170	ATXN7;ATXN7	0.00763918	0.444085	0.769881	-1.2989	0.0613421	0.493329	-2.02704	0.220403	0.649306	-1.54011	0.801984	1.08787	1.08787	0.910302	0.962931	-1.0385	0.000108798	0.101734	-9.82957	0.723395	1.12649	1.12649	0.51347	1.24872	1.24872	0.721424	1.1275	1.1275	6.4368	11.453	1.5816	1
cg18542842	ATXN7;ATXN7	0.00842137	0.971955	0.991629	-1.00844	0.00217355	0.357532	-2.79695	0.00340544	0.386057	-2.59029	0.77724	0.934428	-1.07017	0.135629	1.46896	1.46896	0.600269	1.13477	1.13477	0.0175315	1.99614	1.99614	0.140312	0.684321	-1.4613	0.223886	0.736736	-1.35734	6.24232	5.65233	0.804876	1
cg18411108	ATXN7;ATXN7	0.00898524	0.00208643	0.0920748	-10.8607	0.0165062	0.19929	-5.01782	0.024236	0.227798	-4.38985	0.364917	0.598898	-1.66973	0.00395277	0.118288	-8.45391	0.0682934	0.32496	-3.0773	0.00284356	0.104124	-9.60394	0.0312864	0.248748	-4.02014	0.0394926	0.269425	-3.71161	6.11556	29.3706	4.26898	1
cg06077738	ATXN7;ATXN7	0.0109191	0.0459215	0.546423	-1.83008	0.0180512	0.468262	-2.13556	0.00917604	0.4173	-2.39636	0.197638	0.697868	-1.43294	0.0216353	0.482643	-2.07193	0.0150359	0.454081	-2.20225	0.000591199	0.246186	-4.06198	0.199367	0.698943	-1.43073	0.210706	0.705833	-1.41677	5.74616	6.35029	0.982343	1
cg15342441	ATXN7;ATXN7	0.0112361	0.209579	0.786895	-1.27082	0.130174	1.3448	1.3448	0.476579	0.87707	-1.14016	0.724539	1.06622	1.06622	0.00110628	0.418406	-2.39003	0.246406	0.80278	-1.24567	0.00246894	0.466349	-2.14432	0.832955	0.962447	-1.03902	0.0522336	0.670231	-1.49202	5.69339	2.96145	0.46236	1
cg14980724	ATXN7;ATXN7	0.025692	0.0209017	1.53835	1.53835	0.0262394	1.50465	1.50465	0.0885552	1.33796	1.33796	0.224334	0.82054	-1.21871	0.0161045	1.57828	1.57828	0.118338	1.3005	1.3005	0.076934	1.35635	1.35635	0.0087097	1.67865	1.67865	0.77636	0.956827	-1.04512	4.31599	1.64139	0.338048	1
cg07139503	ATXN7;ATXN7	0.0287497	0.0215717	0.558617	-1.79014	0.0168771	0.540598	-1.8498	0.217988	1.31447	1.31447	0.243593	0.773027	-1.29362	0.0101564	0.504551	-1.98196	0.0296681	0.58268	-1.71621	0.210764	0.757115	-1.3208	0.907522	0.975778	-1.02482	0.0284556	0.579484	-1.72567	4.14893	2.9256	0.626796	1
cg05999010	ATXN7;ATXN7	0.0320688	0.0503873	0.316146	-3.1631	0.0398382	0.293206	-3.41057	0.0245517	0.250863	-3.98623	0.971813	0.981922	-1.01841	0.00896027	0.179727	-5.564	0.233814	0.524938	-1.90499	0.043751	0.302151	-3.3096	0.0902838	2.62171	2.62171	0.332842	0.597025	-1.67497	3.99081	16.8502	3.75312	1
cg01856145	ATXN7;ATXN7	0.0415866	0.0428209	0.425817	-2.34843	0.843314	1.07516	1.07516	0.660915	0.850741	-1.17545	0.251177	0.644647	-1.55124	0.00256747	0.216286	-4.62351	0.149682	0.56799	-1.7606	0.0210946	0.362127	-2.76146	0.769355	1.11369	1.11369	0.0878128	0.501585	-1.99368	3.63061	7.71138	1.88799	1
cg16258503	ATXN7;THOC7;ATXN7;ATXN7;ATXN7	0.00603188	0.324081	0.780022	-1.28201	0.0603131	1.67667	1.67667	0.00753699	2.31349	2.31349	0.00389258	0.387431	-2.58111	0.198023	1.39358	1.39358	0.693532	0.907906	-1.10144	0.183438	0.70872	-1.41099	0.058543	1.68426	1.68426	0.00507561	2.4686	2.4686	6.92782	6.5292	0.837743	1
cg11932891	ATXN7L1	0.000208876	0.243098	1.32238	1.32238	0.801976	0.944135	-1.05917	0.000857163	0.318072	-3.14395	0.715604	1.08731	1.08731	0.000186942	0.236328	-4.2314	0.416255	1.20934	1.20934	1.92E-05	0.137168	-7.29035	0.0325929	1.77209	1.77209	0.0232311	0.537605	-1.8601	18.156	15.0485	0.73675	1
cg23105099	ATXN7L1	0.00333214	0.44638	0.89285	-1.12001	0.0940077	0.764243	-1.30848	0.0596722	0.733205	-1.36388	0.0114985	1.58665	1.58665	0.0101869	1.605	1.605	0.0391464	1.41703	1.41703	0.00104078	0.492157	-2.03187	0.82879	0.968871	-1.03213	0.0429822	0.711711	-1.40506	8.29476	2.80117	0.300181	1
cg21829116	ATXN7L1	0.0189809	0.162652	1.41751	1.41751	0.0159909	1.99451	1.99451	0.0583363	1.64999	1.64999	0.0158099	1.9979	1.9979	0.037591	1.75887	1.75887	0.192606	1.38099	1.38099	0.00115247	3.0589	3.0589	0.0311268	1.80792	1.80792	0.526671	1.16202	1.16202	4.78869	4.15577	0.771405	1
cg00668619	ATXN7L1	0.0288749	?	?	?	0.807463	0.821123	-1.21784	?	?	?	?	?	?	0.262315	0.387042	-2.5837	0.00134637	0.0183453	-54.51	0.871918	1.13908	1.13908	0.457569	0.542187	-1.84438	0.562591	1.60509	1.60509	4.83816	32.5641	7.85246	1
cg09538676	ATXN7L1;ATXN7L1	0.000500449	0.00125832	0.219228	-4.56146	0.111983	0.572475	-1.7468	0.0053785	0.306921	-3.25816	0.0446482	0.47569	-2.10221	0.00367673	0.282079	-3.54511	0.00106843	0.210516	-4.75022	1.39E-05	0.0537689	-18.5981	0.254162	0.681296	-1.46779	0.0309985	0.442132	-2.26177	14.287	23.503	1.46228	1
cg10942059	ATXN7L1;ATXN7L1	0.00279764	0.0111708	1.50828	1.50828	0.128852	1.23627	1.23627	0.00663856	0.634266	-1.57663	0.00561104	1.59987	1.59987	0.373459	1.12532	1.12532	0.896673	0.983349	-1.01693	0.000347778	2.10308	2.10308	0.0468149	1.34195	1.34195	0.546756	1.082	1.082	8.73714	2.31105	0.235118	1
cg02602423	ATXN7L1;ATXN7L1	0.00340443	0.0456751	0.671138	-1.49001	0.365576	0.850613	-1.17562	0.000816116	0.415506	-2.4067	0.157258	0.768552	-1.30115	0.000408213	0.376325	-2.65728	0.00230469	0.476514	-2.09858	0.465928	0.878849	-1.13785	0.388441	1.16631	1.16631	0.526913	0.894419	-1.11804	8.24176	3.95405	0.426451	1
cg11417235	ATXN7L1;ATXN7L1	0.00462609	0.449063	0.832015	-1.2019	0.632382	0.891455	-1.12176	0.000375816	0.257821	-3.87866	0.0823334	0.632038	-1.58218	0.860876	0.959041	-1.04271	0.0126343	0.47752	-2.09415	0.000507519	0.273887	-3.65114	0.571174	0.87246	-1.14618	0.152107	0.693675	-1.4416	7.5144	6.76404	0.800128	1
cg03199646	ATXN7L1;ATXN7L1	0.00494737	0.0047451	0.354059	-2.82439	0.00522547	0.360573	-2.77337	0.0261381	0.481623	-2.07631	0.0227463	0.470128	-2.12708	0.206957	0.691799	-1.44551	0.124798	0.631264	-1.58412	0.000185952	0.174281	-5.73785	0.217526	0.698263	-1.43212	0.103114	0.610417	-1.63822	7.36233	8.93701	1.07901	1
cg07714289	ATXN7L1;ATXN7L1	0.0147862	0.977033	0.993617	-1.00642	0.0268666	0.558141	-1.79166	0.00124529	0.350232	-2.85525	0.0469207	1.6585	1.6585	0.259865	0.769957	-1.29877	0.745279	0.930061	-1.0752	0.86865	1.0375	1.0375	0.0537607	1.62762	1.62762	0.997718	0.999364	-1.00064	5.20533	4.07859	0.696481	1
cg26932690	ATXN7L1;ATXN7L1	0.0169553	0.0436702	1.48597	1.48597	0.70925	1.06606	1.06606	0.0216538	0.624446	-1.60142	0.0750549	1.40292	1.40292	0.270622	0.822104	-1.21639	0.105173	0.739065	-1.35306	0.197293	1.26209	1.26209	0.0246312	1.57942	1.57942	0.0133344	1.68805	1.68805	4.97386	2.29766	0.410619	1
cg16114096	ATXN7L1;ATXN7L1	0.0172093	0.684852	0.958594	-1.04319	0.0199889	1.33775	1.33775	0.00138037	1.61727	1.61727	0.0440659	0.786808	-1.27096	0.19932	1.1509	1.1509	0.0827145	1.22037	1.22037	0.160028	1.16833	1.16833	0.893548	0.98622	-1.01397	0.824845	1.02324	1.02324	4.94918	0.841933	0.151214	1
cg21096457	ATXN7L1;ATXN7L1	0.0180269	0.715821	0.933622	-1.0711	0.423947	1.16581	1.16581	0.00101976	0.400495	-2.49691	0.311913	0.821585	-1.21716	0.2136	0.781903	-1.27893	0.00682446	0.517703	-1.93161	0.102291	0.714696	-1.3992	0.381651	1.1836	1.1836	0.793697	1.05047	1.05047	4.87268	2.72347	0.496823	1
cg21830726	ATXN7L1;ATXN7L1	0.0202383	0.452035	0.868833	-1.15097	0.116038	0.730913	-1.36815	0.000784292	0.393825	-2.5392	0.527085	1.1248	1.1248	0.122462	0.735535	-1.35956	0.350588	1.19281	1.19281	0.263304	1.23863	1.23863	0.844701	1.03665	1.03665	0.171765	1.306	1.306	4.68566	2.49923	0.474114	1
cg12845021	ATXN7L1;ATXN7L1	0.0251626	0.0977575	0.537389	-1.86085	0.00251821	0.238331	-4.19585	0.0712037	0.502117	-1.99157	0.237628	0.655135	-1.5264	0.0230826	0.395018	-2.53153	0.0671582	0.495899	-2.01654	0.00841609	0.31649	-3.15966	0.0243943	0.399735	-2.50166	0.12928	0.571019	-1.75126	4.34742	8.04663	1.64524	1
cg14628819	ATXN7L1;ATXN7L1	0.0257304	0.579644	0.789035	-1.26737	0.665038	1.2026	1.2026	0.00514519	0.209118	-4.78198	0.804724	0.900408	-1.11061	0.0117386	0.263648	-3.79294	0.0625231	0.41159	-2.4296	0.00478768	0.204807	-4.88264	0.450421	0.722041	-1.38496	0.0992014	0.465136	-2.14991	4.31374	12.253	2.52486	1
cg27056270	ATXN7L1;ATXN7L1	0.0304164	0.164459	0.496204	-2.0153	0.0676906	0.380227	-2.63001	0.857097	1.08889	1.08889	0.752782	1.161	1.161	0.00895774	0.207933	-4.80924	0.0496241	0.347094	-2.88107	0.00276614	0.142256	-7.02957	0.848571	1.09451	1.09451	0.164692	0.496421	-2.01442	4.06686	14.3767	3.14229	1
cg21095673	ATXN7L1;ATXN7L1	0.0329728	0.178196	0.413271	-2.41972	0.0011575	0.0524317	-19.0724	0.0349068	0.219036	-4.56546	0.795918	0.852061	-1.17362	0.145292	0.380595	-2.62746	0.340384	0.545028	-1.83477	0.0782855	0.298721	-3.3476	0.02708	0.198614	-5.03489	0.613141	0.729844	-1.37016	3.95122	23.8769	5.37147	1
cg12241997	ATXN7L1;ATXN7L1	0.0358857	0.394431	0.850107	-1.17632	0.112914	1.37883	1.37883	0.0547077	0.666503	-1.50037	0.770735	1.05591	1.05591	0.0364595	0.635945	-1.57246	0.0951784	0.710809	-1.40685	0.00291254	0.4669	-2.14179	0.769956	0.94687	-1.05611	0.638326	0.91563	-1.09214	3.83226	2.10375	0.487962	1
cg17825274	ATXN7L1;ATXN7L1	0.0363404	0.043105	0.192521	-5.19423	0.715307	1.29606	1.29606	0.441843	0.573959	-1.74229	0.134577	0.319134	-3.13348	0.0275398	0.158008	-6.32881	0.130506	0.314708	-3.17755	0.0033701	0.0594157	-16.8306	0.0264567	0.155223	-6.44235	0.0533835	0.211499	-4.72816	3.81476	30.281	7.05586	1
cg15910895	ATXN7L1;ATXN7L1	0.0399469	0.0104483	0.586289	-1.70564	0.259929	0.823124	-1.21488	0.225262	0.809809	-1.23486	0.112526	0.751142	-1.33131	0.0636276	0.707934	-1.41256	0.0587232	0.70211	-1.42428	0.0227146	1.571	1.571	0.638141	0.924536	-1.08162	0.973342	0.99448	-1.00555	3.68494	1.60118	0.38624	1
cg19894728	ATXN7L1;ATXN7L1	0.0408744	0.112077	0.523411	-1.91054	0.495551	0.771878	-1.29554	0.91907	0.962686	-1.03876	0.228291	0.623036	-1.60504	0.00564038	0.256849	-3.89334	0.194037	0.598014	-1.6722	0.002682	0.211664	-4.72447	0.166878	0.576126	-1.73573	0.146988	0.558577	-1.79026	3.65388	8.10214	1.97103	1
cg25416719	ATXN7L1;ATXN7L1	0.049542	0.450977	1.25242	1.25242	0.00767871	0.366403	-2.72924	0.0626888	0.541274	-1.84749	0.554414	1.19153	1.19153	0.0767867	0.561705	-1.78029	0.0430904	0.505569	-1.97797	0.0296174	0.472145	-2.11799	0.277126	0.718027	-1.39271	0.210786	0.679484	-1.4717	3.4	4.62473	1.20908	1
cg10108250	ATXN7L2	0.00379602	0.191706	0.889588	-1.12412	0.640134	1.04066	1.04066	0.620245	0.958599	-1.04319	0.0187441	1.27267	1.27267	0.136778	1.14532	1.14532	0.304567	1.09418	1.09418	0.000284027	0.605381	-1.65185	0.740107	1.02858	1.02858	0.00630181	0.739945	-1.35145	7.97718	0.905318	0.100879	1
cg11665713	ATXN7L2	0.00418925	0.0593865	0.740395	-1.35063	0.0023947	0.550134	-1.81774	0.0621698	0.743379	-1.34521	0.0156975	1.51925	1.51925	0.094818	0.771602	-1.29601	0.271267	1.17557	1.17557	0.00220258	1.83337	1.83337	0.977233	1.00404	1.00404	0.583439	1.08135	1.08135	7.7437	2.44632	0.28081	1
cg13443371	ATXN7L2	0.00855098	0.604532	0.915599	-1.09218	0.223656	0.80592	-1.24082	0.0806479	1.38678	1.38678	0.571396	1.10135	1.10135	0.709091	0.938709	-1.06529	0.000291538	0.369065	-2.70955	0.797237	1.04441	1.04441	0.233783	1.23451	1.23451	0.0531006	1.44905	1.44905	6.21227	2.8025	0.400999	1
cg18753480	ATXN7L2	0.00912939	0.203619	0.862615	-1.15927	0.00137648	1.66716	1.66716	0.00121233	1.68501	1.68501	0.515894	1.07525	1.07525	0.323349	1.1189	1.1189	0.945131	0.992448	-1.00761	0.125116	0.832906	-1.20062	0.997075	1.0004	1.0004	0.79366	1.02929	1.02929	6.08474	1.169	0.170773	1
cg03525254	ATXN7L2	0.0323138	0.0055857	0.411629	-2.42937	0.266469	0.753976	-1.3263	0.0481318	0.576428	-1.73482	0.684439	0.905146	-1.10479	0.0119761	0.465505	-2.1482	0.231755	1.35786	1.35786	0.0279251	0.530702	-1.8843	0.330384	0.782726	-1.27759	0.0916392	0.635713	-1.57304	3.97994	3.74977	0.837481	1
cg24113637	ATXN7L3;ATXN7L3	0.0488568	0.517924	1.20735	1.20735	0.117178	1.63104	1.63104	0.643754	1.14324	1.14324	0.110053	1.64984	1.64984	0.00255189	0.300246	-3.3306	0.344971	1.32262	1.32262	0.942874	1.02081	1.02081	0.341764	0.754584	-1.32523	0.921252	0.971976	-1.02883	3.41801	4.47324	1.16331	1
cg13486387	AUH	0.000153328	0.00562023	0.601923	-1.66134	0.0279953	1.43694	1.43694	0.643459	1.06726	1.06726	0.02556	0.690405	-1.44842	0.00123977	0.517282	-1.93318	0.0023572	0.552961	-1.80845	5.63E-06	0.239408	-4.17696	0.205635	1.20497	1.20497	0.750518	1.04555	1.04555	19.7398	6.09659	0.274531	1
ch.9.1286602F	AUH	0.0281138	0.00298417	0.173962	-5.74837	0.00359057	0.183973	-5.43558	0.359562	0.667364	-1.49843	0.0320631	0.340228	-2.93921	0.0636874	0.408606	-2.44734	0.737008	0.865284	-1.15569	0.410133	0.696547	-1.43565	0.408475	0.695614	-1.43758	0.962994	1.02012	1.02012	4.1818	12.2071	2.59475	1
cg25840685	AUP1;DQX1	0.0203283	0.491601	0.816014	-1.22547	0.182487	0.662452	-1.50954	0.896156	1.03874	1.03874	0.628363	1.15254	1.15254	0.000575248	0.212038	-4.71613	0.754933	0.912891	-1.09542	0.0244726	0.458346	-2.18176	0.189051	0.666986	-1.49928	0.042962	0.507647	-1.96987	4.67859	6.27756	1.19268	1
cg13150855	AURKA;AURKA;AURKA;AURKA;AURKA;AURKA	0.0046395	0.413542	0.883464	-1.13191	0.00137342	1.98997	1.98997	0.05433	0.723505	-1.38216	0.557853	1.09182	1.09182	0.0587159	0.728696	-1.37231	0.00297257	0.546491	-1.82986	0.841661	1.03009	1.03009	0.0255816	1.48166	1.48166	0.240902	1.19959	1.19959	7.50779	2.61246	0.309303	1
cg09712306	AURKA;AURKA;AURKA;AURKA;AURKA;AURKA	0.011616	0.0105977	0.327485	-3.05358	0.00196963	0.21895	-4.56726	0.00184373	0.215283	-4.64505	0.164045	0.597078	-1.67482	0.0548822	0.469479	-2.13002	0.924485	0.967611	-1.03347	0.72685	0.885329	-1.12952	0.63907	1.17828	1.17828	0.0830294	0.513482	-1.94749	5.63255	10.7596	1.698	1
cg03139435	AURKA;AURKA;AURKA;CSTF1;AURKA;CSTF1;AURKA;AURKA;CSTF1	0.00570575	0.0120181	0.365022	-2.73956	0.00525398	0.306012	-3.26784	0.0500766	0.487379	-2.05179	0.0454456	0.478023	-2.09195	0.00688433	0.324481	-3.08184	0.0913584	0.549842	-1.8187	0.000570618	0.179719	-5.56425	0.0120129	0.364989	-2.73981	0.00864906	0.340671	-2.93538	7.04754	11.5514	1.45694	1
cg04444873	AURKA;CSTF1;CSTF1;AURKA;AURKA;AURKA;AURKA;CSTF1;AURKA	0.0136259	0.440323	0.853525	-1.17161	0.751476	1.06603	1.06603	0.0807767	0.67724	-1.47658	0.113803	0.707329	-1.41377	0.0320785	0.603288	-1.65758	0.0988781	1.43932	1.43932	0.796774	0.949387	-1.05331	0.253833	1.27103	1.27103	0.0012486	2.58291	2.58291	5.34722	3.43032	0.570234	1
cg14275127	AURKA;CSTF1;CSTF1;AURKA;AURKA;AURKA;AURKA;CSTF1;AURKA	0.0482106	0.0240703	2.76134	2.76134	0.172569	0.578098	-1.72981	0.384602	0.714253	-1.40006	0.449418	1.33772	1.33772	0.00626162	0.260611	-3.83713	0.278115	0.653285	-1.53073	0.127865	0.537186	-1.86155	0.383127	0.713469	-1.4016	0.989907	1.00479	1.00479	3.43528	7.75323	2.00617	1
cg19506755	AURKA;CSTF1;CSTF1;AURKA;AURKA;CSTF1;AURKA;AURKA;CSTF1;AURKA	0.00251135	0.184673	0.649567	-1.53949	0.247177	0.690004	-1.44927	0.141877	0.61613	-1.62303	0.108654	0.58473	-1.71019	0.324545	0.731992	-1.36613	0.15334	0.625715	-1.59817	2.06E-05	0.0715347	-13.9792	0.127871	0.603631	-1.65664	0.549627	0.830567	-1.204	9.02001	13.4341	1.32388	1
cg02144516	AURKAIP1;AURKAIP1;AURKAIP1	0.0260563	0.469042	1.14795	1.14795	0.907492	1.02201	1.02201	0.039862	0.640819	-1.5605	0.0321506	0.624958	-1.60011	0.634605	0.914225	-1.09382	0.664814	1.08508	1.08508	0.0410937	1.55498	1.55498	0.0103621	1.83091	1.83091	0.0793786	0.694363	-1.44017	4.29483	2.38648	0.493923	1
cg14094639	AURKAIP1;AURKAIP1;AURKAIP1	0.0273651	0.0176971	0.207454	-4.82035	0.442076	0.65224	-1.53318	0.106397	0.382401	-2.61505	0.208998	0.485767	-2.0586	0.0199545	0.216237	-4.62456	0.00256255	0.102251	-9.77981	0.0161499	0.200974	-4.97577	0.547327	0.717479	-1.39377	0.0462188	0.287884	-3.47362	4.22171	19.8751	4.18474	1
cg25685675	AURKAIP1;AURKAIP1;AURKAIP1	0.0308399	0.00176886	0.25112	-3.98215	0.221292	0.671005	-1.4903	0.516302	0.815279	-1.22657	0.153335	0.622214	-1.60716	0.00520095	0.318416	-3.14055	0.491569	0.805097	-1.24209	0.049373	0.498564	-2.00576	0.110334	0.582748	-1.71601	0.416069	0.772639	-1.29427	4.04689	6.17226	1.35572	1
cg15617543	AURKAIP1;AURKAIP1;AURKAIP1	0.0309287	0.103763	1.47396	1.47396	0.669927	1.09802	1.09802	0.359213	1.22824	1.22824	0.149333	1.40098	1.40098	0.746054	0.931591	-1.07343	0.170068	1.37529	1.37529	0.00132953	0.361405	-2.76698	0.604259	1.12078	1.12078	0.854521	1.04084	1.04084	4.04275	3.04491	0.669493	1
cg07395004	AURKAIP1;AURKAIP1;AURKAIP1	0.0427626	0.392293	0.90947	-1.09954	0.0689864	1.24649	1.24649	0.00827948	1.44131	1.44131	0.257136	1.13661	1.13661	0.26466	1.13414	1.13414	0.557199	0.937742	-1.06639	0.25649	0.879641	-1.13683	0.0112034	1.41075	1.41075	0.255996	1.13699	1.13699	3.59324	0.667173	0.165044	1
cg26183021	AURKB	0.00133571	0.0670024	0.632922	-1.57997	0.0579586	0.620332	-1.61204	0.6996	0.917246	-1.09022	0.0819496	0.650897	-1.53634	2.44E-05	0.153771	-6.50317	0.169477	0.721759	-1.3855	0.0146213	0.5118	-1.95389	0.00127569	0.351074	-2.8484	0.162191	0.717146	-1.39442	10.8346	8.5169	0.698738	1
cg04612488	AURKB	0.00211251	0.721827	0.891483	-1.12173	0.00155966	0.212175	-4.7131	0.375927	1.34039	1.34039	?	?	?	0.000288528	0.127078	-7.86919	0.382767	1.33447	1.33447	0.212799	1.5292	1.5292	0.00307571	0.254083	-3.93572	0.103711	0.56024	-1.78495	11.5274	16.3825	1.24353	1
cg17365525	AURKB	0.00493064	0.530862	0.844631	-1.18395	0.00393537	0.356332	-2.80637	0.672963	1.11954	1.11954	0.552953	0.852439	-1.1731	0.000385439	0.221667	-4.51127	0.42592	0.805532	-1.24142	0.00813362	0.40611	-2.46239	0.0032262	0.343392	-2.91212	0.253779	0.728333	-1.373	7.36994	8.25806	0.996004	1
cg05811247	AURKB	0.0191663	0.00542342	0.174058	-5.74523	0.58184	1.3044	1.3044	0.772543	1.14852	1.14852	0.308892	1.65395	1.65395	0.00140183	0.109625	-9.12201	0.225092	1.83815	1.83815	0.763199	0.865568	-1.15531	0.975396	1.01484	1.01484	0.685922	0.823456	-1.21439	4.77297	17.2567	3.21377	1
cg03114410	AURKB	0.0209251	0.854825	1.07748	1.07748	0.0480854	0.398281	-2.51079	0.0888661	0.465487	-2.14829	0.385147	1.43735	1.43735	0.00388971	0.205138	-4.87477	0.455799	1.36275	1.36275	0.00347746	0.198703	-5.03265	0.165553	0.547375	-1.8269	0.292491	0.640819	-1.5605	4.63268	12.1819	2.33738	1
cg21724796	AURKB	0.0223853	0.19534	1.89836	1.89836	0.273534	0.586671	-1.70453	0.250638	1.75383	1.75383	0.644271	1.2431	1.2431	0.000873589	0.096673	-10.3441	0.923978	0.956313	-1.04568	0.129193	2.15397	2.15397	0.285887	1.67987	1.67987	0.389496	1.51092	1.51092	4.52687	15.7038	3.08357	1
cg12844497	AURKB	0.0440086	0.0246849	0.712985	-1.40255	0.151661	1.21443	1.21443	0.0498527	1.32698	1.32698	0.0978384	0.794779	-1.25821	0.716791	1.04715	1.04715	0.112784	1.24398	1.24398	0.257662	0.861229	-1.16113	0.151281	1.21468	1.21468	0.110163	1.24633	1.24633	3.55501	0.900596	0.225184	1
cg03637381	AURKC;AURKC;AURKC	3.79E-06	0.758518	0.940135	-1.06368	2.58E-06	0.103061	-9.70301	1.18E-05	0.156328	-6.39682	0.00317904	0.446387	-2.24021	5.94E-07	0.0637896	-15.6765	0.338125	1.21857	1.21857	3.02E-06	0.107955	-9.26311	0.0637041	0.658814	-1.51788	0.0208433	0.573044	-1.74507	52.1171	33.0807	0.56421	1
cg19603903	AURKC;AURKC;AURKC	0.00753083	0.0608478	2.43236	2.43236	0.0168051	3.41211	3.41211	0.799189	1.11319	1.11319	0.032378	2.86855	2.86855	0.0348711	2.81333	2.81333	0.00549848	0.215381	-4.64293	0.0109552	0.261057	-3.83058	0.473804	0.73606	-1.35859	0.755071	0.87666	-1.14069	6.46569	18.1195	2.49102	1
cg26730619	AURKC;AURKC;AURKC	0.0106184	0.00447654	0.208005	-4.80757	0.207502	0.576602	-1.7343	0.213183	0.580965	-1.72127	0.299243	0.640389	-1.56155	0.022007	0.32047	-3.12041	0.0152736	3.43467	3.43467	0.0484295	2.5449	2.5449	0.162578	1.85442	1.85442	0.116705	0.493578	-2.02602	5.79802	15.7582	2.41587	1
cg26332114	AURKC;AURKC;AURKC	0.0279614	0.0367601	2.51013	2.51013	0.0891909	2.03605	2.03605	0.535446	1.26879	1.26879	0.037013	2.50607	2.50607	0.0690359	0.462196	-2.16358	0.0869632	0.488199	-2.04834	0.0316452	2.60057	2.60057	0.0409371	2.44722	2.44722	0.210354	1.64989	1.64989	4.18982	9.54862	2.02578	1
cg25432232	AURKC;AURKC;AURKC;AURKC;AURKC	0.026219	0.186191	2.37147	2.37147	0.00765493	8.26567	8.26567	0.658593	1.31518	1.31518	0.0145921	6.38032	6.38032	0.774316	0.837672	-1.19379	0.119431	0.35307	-2.8323	0.00866575	7.85853	7.85853	0.120254	2.82467	2.82467	0.865797	1.10984	1.10984	4.28549	25.7652	5.34417	1
cg17929042	AUTS2;AUTS2	1.70E-05	0.123921	0.803287	-1.24488	0.807339	0.968391	-1.03264	4.33E-05	0.360427	-2.77448	0.195352	0.835231	-1.19727	5.42E-06	0.258525	-3.86809	0.000105595	0.406484	-2.46012	7.36E-05	0.387693	-2.57936	0.933721	0.989125	-1.01099	3.53E-06	0.238869	-4.1864	35.3391	9.67302	0.243307	1
cg25311278	AUTS2;AUTS2	0.000739257	0.00254759	0.750992	-1.33157	0.866248	0.988536	-1.0116	0.0386221	0.848875	-1.17803	0.368307	1.06524	1.06524	0.0769279	0.87412	-1.14401	0.0430779	1.17258	1.17258	0.000837788	1.41019	1.41019	0.0011272	0.720466	-1.38799	0.00144146	0.729767	-1.3703	12.8133	0.949384	0.0658608	1
cg03803008	AUTS2;AUTS2	0.00162764	0.00230752	0.496629	-2.01358	0.00489965	0.541801	-1.8457	0.444795	0.879817	-1.1366	0.010778	0.590645	-1.69306	0.000182716	0.353472	-2.82908	0.184277	0.793346	-1.26048	0.0625135	0.708524	-1.41139	0.166242	1.27462	1.27462	0.00152975	0.472497	-2.11641	10.2357	4.37993	0.380363	1
cg15783703	AUTS2;AUTS2	0.00191301	0.451696	0.915015	-1.09288	0.00362734	0.633855	-1.57765	0.00207615	0.605248	-1.65221	0.00900031	0.680664	-1.46915	0.0067331	0.665664	-1.50226	0.00599479	0.659678	-1.51589	0.0587471	1.28055	1.28055	0.00758373	0.671805	-1.48853	0.00109872	0.572637	-1.74631	9.76752	2.07546	0.188876	1
cg22651048	AUTS2;AUTS2	0.00433471	0.00108717	0.208904	-4.78688	0.716047	0.888123	-1.12597	0.0273197	0.428228	-2.33521	0.00409146	0.286154	-3.49462	0.115178	0.573329	-1.7442	0.640411	1.16509	1.16509	0.0114487	0.357844	-2.79452	0.839457	1.0681	1.0681	0.000983963	0.203711	-4.90892	7.66416	12.8039	1.485	1
cg06458469	AUTS2;AUTS2	0.00936432	0.178032	0.414164	-2.41451	0.851043	0.890663	-1.12276	0.837059	1.13523	1.13523	0.285032	0.504613	-1.98172	0.173566	0.409915	-2.43953	0.0946667	3.09997	3.09997	0.000218985	44.4761	44.4761	0.914057	1.06875	1.06875	0.898206	0.924196	-1.08202	6.03578	36.2651	5.34076	1
cg15486572	AUTS2;AUTS2	0.00948671	0.0212745	0.403412	-2.47885	0.296458	0.701185	-1.42616	0.209452	0.64805	-1.54309	0.278679	0.691177	-1.44681	0.000625968	0.178227	-5.61082	0.229046	0.661055	-1.51273	0.859039	1.06003	1.06003	0.0491922	0.478913	-2.08806	0.00159916	0.226551	-4.41401	6.01087	10.2368	1.51382	1
cg25404758	AUTS2;AUTS2	0.0100757	0.065361	0.564625	-1.77109	0.547827	0.845307	-1.183	0.0618259	0.559253	-1.7881	0.199324	1.45459	1.45459	0.399698	0.788027	-1.26899	0.343225	1.30972	1.30972	0.000973686	3.88034	3.88034	0.0189462	2.19284	2.19284	0.382234	0.780658	-1.28097	5.89637	7.13034	1.07491	1
cg21995931	AUTS2;AUTS2	0.0109698	0.120207	0.641523	-1.55879	0.151888	0.667458	-1.49822	0.000925852	0.271805	-3.67911	0.139036	0.657479	-1.52096	0.164414	0.676602	-1.47797	0.746505	0.91813	-1.08917	0.0332756	1.92565	1.92565	0.00686958	0.397816	-2.51373	0.553236	0.853886	-1.17112	5.7376	6.30231	0.976375	1
cg18922542	AUTS2;AUTS2	0.0119082	0.540672	0.852436	-1.17311	0.00474719	0.380338	-2.62924	0.188914	0.698518	-1.4316	0.588481	1.15121	1.15121	0.00265153	0.342379	-2.92074	0.0248575	0.502386	-1.9905	0.0346292	1.88701	1.88701	0.638967	1.12954	1.12954	0.622879	0.880052	-1.1363	5.58739	5.88024	0.935478	1
cg08709827	AUTS2;AUTS2	0.0122562	0.0037162	0.142664	-7.0095	0.00224574	0.119394	-8.37566	0.0233673	0.260264	-3.84225	0.0875443	0.391784	-2.55242	0.00501177	0.158067	-6.32644	0.0485986	0.326535	-3.06246	0.0968425	0.404335	-2.4732	0.271731	0.56641	-1.76551	0.0248302	0.265242	-3.77013	5.53539	21.6401	3.47502	1
cg19672993	AUTS2;AUTS2	0.016541	0.0168743	0.097965	-10.2077	0.00455857	0.0492548	-20.3026	0.0117341	0.0813578	-12.2914	0.0956942	0.232595	-4.29932	0.0272092	0.124551	-8.02884	0.0411499	0.152957	-6.5378	0.0160638	0.0955477	-10.466	0.0161937	0.0959396	-10.4232	0.0179498	0.101079	-9.89328	5.01513	50.4451	8.94097	1
cg08907819	AUTS2;AUTS2	0.0171395	0.544771	1.08549	1.08549	0.894353	1.01794	1.01794	0.210804	0.838241	-1.19297	0.719212	1.0495	1.0495	0.556766	1.08279	1.08279	0.0177141	1.47106	1.47106	0.00302965	1.72242	1.72242	0.168687	1.21686	1.21686	0.0117889	0.656454	-1.52334	4.95592	1.4057	0.252124	1
cg09009070	AUTS2;AUTS2	0.0177142	0.0178877	0.222749	-4.48935	0.00636962	0.156813	-6.37702	0.222813	0.512518	-1.95115	0.0383642	0.285913	-3.49756	0.00841753	0.17275	-5.78871	0.0187858	0.226389	-4.41717	0.362422	0.613583	-1.62977	0.0115786	0.192593	-5.1923	0.0135428	0.203026	-4.92549	4.90142	21.1345	3.83281	1
cg25714956	AUTS2;AUTS2	0.0195832	0.0676276	0.247342	-4.04299	0.000791615	0.0314389	-31.8077	0.0599153	0.234948	-4.25626	0.436201	0.581576	-1.71947	0.0301242	0.175502	-5.69795	0.238152	0.430377	-2.32355	0.0188572	0.143565	-6.96547	0.0296562	0.174335	-5.73608	0.178486	0.377046	-2.65219	4.73831	34.9395	6.55451	1
cg23550295	AUTS2;AUTS2	0.0213093	0.65221	1.07956	1.07956	0.0218562	0.628591	-1.59086	0.267351	1.21529	1.21529	0.129701	1.31816	1.31816	0.00751027	1.78711	1.78711	0.731627	0.943562	-1.05981	0.00542887	1.85404	1.85404	0.796155	0.957257	-1.04465	0.651691	0.926185	-1.0797	4.60397	2.07626	0.400863	1
cg13039539	AUTS2;AUTS2	0.022049	0.0438915	0.185997	-5.37643	0.00284658	0.0506405	-19.747	0.0204283	0.131443	-7.60786	0.225622	0.396851	-2.51984	0.0478057	0.193302	-5.17325	0.0796001	0.243398	-4.1085	0.0204408	0.13148	-7.60573	0.00747493	0.0819888	-12.1968	0.123807	0.29804	-3.35525	4.55047	38.0144	7.42574	1
cg25105066	AUTS2;AUTS2	0.0245952	0.161665	0.640359	-1.56162	0.0143299	0.397748	-2.51416	0.00475475	0.313724	-3.18751	0.0764825	0.55346	-1.80682	0.0849242	0.564759	-1.77067	0.310768	0.73253	-1.36513	?	?	?	0.257905	1.42026	1.42026	0.161962	1.56106	1.56106	4.92976	5.92199	1.05111	1
cg16911981	AUTS2;AUTS2	0.0254442	0.069049	0.164482	-6.0797	0.30778	0.391941	-2.5514	0.577457	0.606941	-1.64761	0.581372	0.610125	-1.63901	0.00579925	0.0405046	-24.6886	0.548745	1.71314	1.71314	0.00448636	28.8352	28.8352	0.936646	0.931899	-1.07308	0.776535	0.776875	-1.28721	4.3306	53.9891	11.0817	1
cg19793499	AUTS2;AUTS2	0.027189	0.0921267	0.242367	-4.12598	0.00169349	0.0324282	-30.8373	0.0341312	0.151071	-6.6194	0.284959	0.427827	-2.33739	0.0414754	0.165738	-6.03362	0.133764	0.290462	-3.4428	0.023939	0.127514	-7.84225	0.0332641	0.149231	-6.70102	0.0527048	0.185703	-5.38493	4.23129	39.1629	8.22714	1
cg20295702	AUTS2;AUTS2	0.0276704	0.00158896	0.457218	-2.18714	0.583168	0.908749	-1.10041	0.149999	1.30532	1.30532	0.499057	1.12578	1.12578	0.445703	0.874402	-1.14364	0.775201	0.951767	-1.05068	0.0619874	1.43741	1.43741	0.108798	1.35253	1.35253	0.711908	1.06614	1.06614	4.20528	1.98541	0.419666	1
cg03338740	AUTS2;AUTS2	0.0278208	0.0569546	0.414237	-2.41408	0.00226772	0.174257	-5.73866	0.0118143	0.276323	-3.61895	0.0482533	0.397151	-2.51794	0.0144083	0.291157	-3.43458	0.30111	0.645109	-1.55013	0.253943	0.614224	-1.62807	0.0909231	0.466785	-2.14232	0.170977	0.550786	-1.81559	4.19726	11.1265	2.35635	1
cg06953065	AUTS2;AUTS2	0.0287977	0.529271	0.928207	-1.07735	0.787929	0.968975	-1.03202	0.645723	0.94733	-1.0556	0.623913	0.943871	-1.05947	0.23684	0.865131	-1.15589	0.701123	0.955922	-1.04611	0.000504733	0.529664	-1.88799	0.164639	1.18922	1.18922	0.811682	1.02829	1.02829	4.14648	0.897309	0.192358	1
cg21757212	AUTS2;AUTS2	0.0295159	0.0966017	0.362557	-2.75819	0.00221656	0.0921308	-10.8541	0.0165407	0.196238	-5.09585	0.309797	0.557351	-1.7942	0.0457328	0.27973	-3.57487	0.0946384	0.359959	-2.7781	0.0195102	0.208015	-4.80735	0.0571511	0.302115	-3.31	0.112328	0.382313	-2.61566	4.11049	20.1389	4.35502	1
cg20134287	AUTS2;AUTS2	0.0354532	0.0137928	0.347802	-2.8752	0.677578	1.15612	1.15612	0.46947	0.774662	-1.29088	0.0137838	0.347751	-2.87562	0.0916111	0.524937	-1.90499	0.561095	0.815543	-1.22618	0.0364102	2.32526	2.32526	0.944915	1.02426	1.02426	0.0659698	0.488851	-2.04561	3.84915	7.33843	1.69467	1
cg04601228	AUTS2;AUTS2	0.0390711	0.0472139	0.196614	-5.0861	0.00262916	0.050652	-19.7426	0.0948556	0.268503	-3.72435	0.142116	0.322879	-3.09714	0.0344225	0.170812	-5.85438	0.222133	0.398873	-2.50707	0.0598361	0.218471	-4.57727	0.0250664	0.148209	-6.74725	0.104115	0.280047	-3.57084	3.7151	30.1907	7.22354	1
cg17892069	AUTS2;AUTS2	0.0401871	0.639154	1.20351	1.20351	0.0824542	2.12657	2.12657	0.194511	0.583725	-1.71314	0.78299	0.897363	-1.11438	0.271253	0.638102	-1.56715	0.0395409	2.5443	2.5443	0.0067432	3.96601	3.96601	0.0512258	2.38879	2.38879	0.466097	0.747569	-1.33767	3.67681	8.95924	2.16594	1
cg10527525	AUTS2;AUTS2	0.0465634	0.130348	0.559675	-1.78675	0.0840583	1.97201	1.97201	0.939516	0.973402	-1.02732	0.0173254	0.357145	-2.79998	0.530112	0.797766	-1.2535	0.853203	0.936317	-1.06801	0.0324688	2.43351	2.43351	0.196045	1.62529	1.62529	0.0977901	0.524517	-1.90651	3.48062	6.95668	1.77661	1
cg18883530	AUTS2;AUTS2	0.0466091	0.055567	0.703922	-1.42061	0.20824	0.806778	-1.2395	0.943388	1.01156	1.01156	0.0480127	1.44163	1.44163	0.13574	0.77091	-1.29717	0.00939627	0.586909	-1.70384	0.983466	0.996652	-1.00336	0.0796378	0.729927	-1.37	0.113402	0.756704	-1.32152	3.47934	1.44312	0.368682	1
cg24559064	AUTS2;AUTS2;AUTS2	0.000218785	0.00150136	0.482987	-2.07045	0.0011895	0.469593	-2.1295	5.33E-05	0.301288	-3.31909	0.000536658	0.424553	-2.35542	0.961827	1.00764	1.00764	6.22E-05	0.309117	-3.23503	0.0125285	0.610156	-1.63893	0.132703	0.772551	-1.29441	0.000676603	0.437545	-2.28548	17.929	7.18473	0.356207	1
cg11421724	AUTS2;AUTS2;AUTS2	0.000303357	0.00512094	0.613492	-1.63001	0.0100412	0.65097	-1.53617	0.000503726	0.487496	-2.0513	0.567085	0.926418	-1.07943	3.29E-05	0.344608	-2.90185	0.000184984	0.434162	-2.30329	0.068736	0.764037	-1.30884	0.261883	1.16714	1.16714	0.00193192	0.560083	-1.78545	16.4001	4.53332	0.245707	1
cg04144218	AUTS2;AUTS2;AUTS2	0.00119384	0.00229252	0.401183	-2.49263	0.98713	0.99655	-1.00346	0.944123	0.985094	-1.01513	0.229643	0.763328	-1.31005	6.34E-05	0.206618	-4.83985	0.0162021	0.532523	-1.87785	0.0180795	0.540537	-1.85001	0.440153	1.18373	1.18373	0.00122308	0.362917	-2.75545	11.1882	8.13437	0.646266	1
cg15052518	AUTS2;AUTS2;AUTS2	0.00403542	0.00116156	0.304567	-3.28335	0.00646181	0.413738	-2.41699	0.887544	1.03589	1.03589	0.0253385	0.515537	-1.93973	0.296623	0.763613	-1.30956	0.00240875	0.348723	-2.86761	0.0203583	2.00745	2.00745	0.676747	1.11015	1.11015	0.441177	0.822222	-1.21622	7.83165	7.70416	0.874419	1
cg10665616	AUTS2;AUTS2;AUTS2	0.00603315	0.00509213	0.470907	-2.12356	0.0147789	0.543241	-1.8408	0.00497795	0.469427	-2.13025	0.0571121	0.645419	-1.54938	0.00208884	0.414403	-2.41311	0.0344514	0.605475	-1.6516	0.527736	0.877967	-1.13899	0.0580296	0.646721	-1.54626	0.00135945	0.388317	-2.57522	6.92737	4.53993	0.582544	1
cg21393713	AUTS2;AUTS2;AUTS2	0.00697795	0.117275	1.3859	1.3859	0.0259081	1.66075	1.66075	0.116561	1.38694	1.38694	0.0816012	1.44807	1.44807	0.411436	1.17481	1.17481	0.344307	0.829564	-1.20545	0.000581221	0.360409	-2.77462	0.52173	0.882882	-1.13265	0.063393	1.49249	1.49249	6.62163	3.85874	0.517999	1
cg21591173	AUTS2;AUTS2;AUTS2	0.00759835	0.000225097	0.289553	-3.45359	0.742814	1.06877	1.06877	0.667885	0.916513	-1.09109	0.180561	0.750378	-1.33266	0.00734596	0.497624	-2.00955	0.174354	0.746888	-1.33889	0.127691	0.717017	-1.39467	0.161666	0.73945	-1.35236	0.22055	1.29711	1.29711	6.44763	4.16574	0.574301	1
cg02800100	AUTS2;AUTS2;AUTS2	0.022504	0.00761232	0.32365	-3.08976	0.0529125	0.485218	-2.06093	0.0736799	0.519212	-1.92599	0.0239791	0.412605	-2.42362	0.0228286	0.408435	-2.44837	0.00261575	0.254102	-3.93543	0.080735	0.529056	-1.89016	0.769054	0.907752	-1.10162	0.151791	0.603648	-1.65659	4.51865	7.7332	1.52124	1
cg09703727	AUTS2;AUTS2;AUTS2	0.02441	0.273267	0.60137	-1.66287	0.00094468	0.11089	-9.01794	0.0318862	0.325745	-3.06988	0.289297	0.612261	-1.63329	0.121906	0.473393	-2.11241	0.0235051	0.299165	-3.34264	0.0428959	0.353689	-2.82734	0.0869268	0.43033	-2.3238	0.88803	0.939098	-1.06485	4.39353	13.8829	2.80066	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07879825	AUTS2;AUTS2;AUTS2	0.0327286	0.0187523	0.50924	-1.96371	0.0234809	1.89879	1.89879	0.236454	0.745332	-1.34168	0.124343	0.67417	-1.4833	0.159894	0.700607	-1.42733
cg17201273	AUTS2;AUTS2;AUTS2	0.0337506	0.0983545	0.602968	-1.65846	0.147115	0.647798	-1.54369	0.00257631	0.311578	-3.20947	0.266102	1.38178	1.38178	0.290076	0.736078	-1.35855
cg13447033	AUTS2;AUTS2;AUTS2	0.0378951	0.328792	1.63292	1.63292	0.00868	5.09067	5.09067	0.0473295	3.01617	3.01617	0.0228376	3.76272	3.76272	0.0201804	3.90821	3.90821
cg05286252	AUTS2;AUTS2;AUTS2	0.0407065	0.216347	0.64781	-1.54366	0.000829422	0.186436	-5.36378	0.0836601	0.527878	-1.89438	0.121081	0.570657	-1.75237	0.0682405	0.505934	-1.97654
cg10620707	AUTS2;AUTS2;AUTS2	0.0436336	0.151267	1.26137	1.26137	0.0223164	0.661354	-1.51205	0.156915	0.795646	-1.25684	0.688092	1.06283	1.06283	0.254228	0.835462	-1.19694
cg09449543	AUTS2;AUTS2;AUTS2	0.0438297	0.548889	1.21457	1.21457	0.136725	0.598229	-1.6716	0.892715	0.957675	-1.0442	0.164662	1.6082	1.6082	0.827421	1.07248	1.07248
cg13234848	AUTS2;AUTS2;AUTS2;AUTS2;AUTS2;AUTS2	0.037363	0.217089	0.692124	-1.44483	0.145625	0.642285	-1.55694	0.355956	1.30872	1.30872	0.0074298	0.376446	-2.65642	0.492468	1.21839	1.21839
cg10772974	AVEN;CHRM5	0.000220142	0.000190393	0.359296	-2.78322	0.681312	1.06952	1.06952	0.0310401	0.662298	-1.50989	0.654462	0.929298	-1.07608	7.55E-05	0.310724	-3.21828
cg26855208	AVEN;CHRM5	0.0492578	0.259809	0.637564	-1.56847	0.0751628	0.468262	-2.13556	0.944043	0.97348	-1.02724	0.0928292	2.0301	2.0301	0.00245535	0.199232	-5.01928
cg01424889	AVIL	0.00147083	0.0590571	1.47433	1.47433	0.0521506	1.49522	1.49522	0.840314	1.03742	1.03742	0.000106372	3.4755	3.4755	0.00921479	0.547708	-1.82579
cg16459491	AVL9;LSM5;LSM5	0.00175146	0.0325813	0.763684	-1.30944	0.475259	0.924729	-1.0814	0.393757	1.09873	1.09873	0.00766805	0.691171	-1.44682	0.590544	1.06029	1.06029
cg05989381	AVL9;LSM5;LSM5	0.00537347	0.919469	0.962444	-1.03902	0.126442	1.86975	1.86975	0.378022	1.40827	1.40827	0.0772297	0.475396	-2.10351	0.000140552	0.0831019	-12.0334
cg06331674	AVL9;LSM5;LSM5;LSM5;LSM5	0.0375431	0.00556612	0.377602	-2.64829	0.795567	1.07191	1.07191	0.241184	1.38836	1.38836	0.0254861	0.491649	-2.03397	0.187274	0.688124	-1.45323
cg05136169	AVP	0.000843343	0.011963	0.623173	-1.60469	0.495128	0.900798	-1.11013	3.93E-05	0.305259	-3.27591	0.0269215	0.673529	-1.48472	0.000752706	0.462646	-2.16148
cg02187522	AVP	0.00567898	0.022274	0.628465	-1.59118	0.00893445	0.568971	-1.75756	0.000252021	0.359422	-2.78224	0.14708	0.768112	-1.30189	0.0364641	0.662183	-1.51016
cg14065127	AVP	0.0122964	0.0109718	0.152239	-6.56862	0.951003	0.964409	-1.0369	0.202962	0.452663	-2.20915	0.337641	0.558249	-1.79132	0.0321489	0.227632	-4.39306
cg16536918	AVP	0.012352	0.169714	0.743813	-1.34442	0.040794	0.620128	-1.61257	0.00111997	0.37873	-2.6404	0.00774732	0.500551	-1.9978	0.00315534	0.442058	-2.26215
cg11491381	AVP	0.0191517	0.15563	2.03486	2.03486	0.131253	2.14234	2.14234	0.641739	1.24496	1.24496	0.962074	1.02248	1.02248	0.678297	0.822798	-1.21537
cg24257309	AVP	0.0288636	0.0656282	0.65374	-1.52966	0.178222	0.745061	-1.34217	0.00284681	0.429566	-2.32793	0.272434	0.790564	-1.26492	0.00740997	0.491793	-2.03338
cg03279206	AVP	0.0309221	0.0294203	5.94385	5.94385	0.115742	3.28069	3.28069	0.213681	2.48398	2.48398	0.189808	2.62481	2.62481	0.0261161	6.25975	6.25975
cg15189567	AVP	0.0328168	0.0333624	0.312465	-3.20036	0.719967	0.845003	-1.18343	0.0578548	0.366697	-2.72705	0.402928	0.670028	-1.49247	0.00262327	0.142445	-7.02023
cg25551168	AVP;AVP	0.00752834	0.0961819	0.72452	-1.38022	0.0102498	0.565066	-1.7697	0.00140248	0.44216	-2.26162	0.0759956	0.705887	-1.41666	0.0015922	0.449663	-2.22389
cg04318476	AVPI1	0.00660886	0.717752	0.925164	-1.08089	0.441861	0.84532	-1.18298	0.0390864	1.66814	1.66814	0.0271282	0.570925	-1.75154	0.00117579	0.360529	-2.7737
cg16813864	AVPI1	0.0209595	0.0414742	0.591624	-1.69026	0.189384	1.36392	1.36392	0.0630539	0.627011	-1.59487	0.202904	0.740756	-1.34997	0.00340206	0.411156	-2.43217
cg10022510	AVPI1;AVPI1	0.0362008	0.182751	0.552387	-1.81032	0.56835	1.27385	1.27385	0.29699	1.57442	1.57442	0.445423	1.38614	1.38614	0.00155058	0.148023	-6.75572
cg23335356	AVPR1A	8.23E-05	0.0912727	0.587825	-1.70119	0.000227694	0.173753	-5.75529	0.00216327	0.292335	-3.42073	1.99E-05	0.0847418	-11.8006	2.81E-05	0.0949228	-10.5349
cg10931900	AVPR1A	0.0032562	0.413089	0.704753	-1.41894	0.00239633	0.170476	-5.86593	0.859916	0.928794	-1.07667	0.236143	0.595049	-1.68053	0.000238954	0.0785851	-12.7251
cg12807275	AVPR1A	0.0340517	0.0293676	0.54313	-1.84118	0.0395986	0.567724	-1.76142	0.154836	0.696149	-1.43647	0.480766	1.18588	1.18588	0.820331	0.947325	-1.0556
cg04827692	AVPR1A	0.0456586	0.0530397	3.48962	3.48962	0.504387	1.46981	1.46981	0.022307	4.74375	4.74375	0.670677	0.784145	-1.27527	0.0703618	0.316678	-3.15778
cg18660363	AVPR1A;AVPR1A	6.03E-07	3.07E-05	1.79689	1.79689	0.000272305	1.53655	1.53655	0.00540055	1.30168	1.30168	8.28E-05	1.66583	1.66583	0.862962	0.987639	-1.01252
cg26706003	AVPR1A;AVPR1A	2.29E-06	6.71E-07	0.129867	-7.7002	0.62215	0.927807	-1.07781	0.00254757	0.531764	-1.88053	1.98E-05	0.271334	-3.68549	2.76E-05	0.28756	-3.47754
cg21164131	AVPR1A;AVPR1A	2.95E-05	0.524345	1.12853	1.12853	0.0662957	1.47111	1.47111	0.142104	1.34417	1.34417	0.0677981	1.46727	1.46727	0.523661	0.885926	-1.12876
cg12516059	AVPR1A;AVPR1A	0.00528494	0.0624888	0.530129	-1.88633	0.0117683	2.59194	2.59194	0.14288	1.61071	1.61071	0.7147	1.11754	1.11754	0.650777	0.871144	-1.14792
cg04735509	AVPR1A;AVPR1A	0.00890777	0.639954	1.15053	1.15053	0.461051	1.25027	1.25027	0.507394	1.22162	1.22162	0.104378	1.69621	1.69621	0.261446	0.705697	-1.41704
cg23085912	AVPR1A;AVPR1A	0.0484299	0.0447267	0.63714	-1.56951	0.429545	0.854063	-1.17087	0.908331	1.02279	1.02279	0.128781	0.725331	-1.37868	0.265501	1.25482	1.25482
cg00761787	AVPR1B	0.0120625	0.0567115	1.25236	1.25236	0.0124138	1.38356	1.38356	0.000691858	1.71647	1.71647	0.529472	1.06872	1.06872	0.275774	1.12557	1.12557
cg27169129	AVPR1B	0.0136468	0.244347	0.609059	-1.64188	0.00694932	4.14459	4.14459	0.657138	1.19946	1.19946	0.422361	0.716303	-1.39606	0.00240164	0.178753	-5.5943
cg20295214	AVPR1B	0.0289017	0.0304145	0.389625	-2.56657	0.398429	0.725934	-1.37754	0.00117177	0.171226	-5.84024	0.107382	0.521503	-1.91753	0.0127774	0.317924	-3.14541
cg18992688	AVPR1B	0.042335	0.472061	1.33316	1.33316	0.0510136	2.3958	2.3958	0.35912	1.4487	1.4487	0.349514	0.684836	-1.4602	0.00827184	0.265161	-3.7713
cg13423140	AVPR2	0.00926587	0.00357671	0.151316	-6.6087	0.0414163	0.324474	-3.08191	0.282216	0.585809	-1.70704	0.095553	0.416352	-2.40181	0.00150093	0.111968	-8.9311
cg19784262	AVPR2	0.0228845	0.0336585	0.175154	-5.70926	0.00232709	0.0505103	-19.7979	0.448399	0.581305	-1.72027	0.498731	0.617419	-1.61964	0.0818635	0.258249	-3.87224
cg03658985	AVPR2	0.0233651	0.0220765	0.191767	-5.21467	0.262808	0.495406	-2.01855	0.275427	0.50529	-1.97906	0.0379145	0.235025	-4.25487	0.00841004	0.132001	-7.5757
cg07874445	AVPR2	0.0446415	?	?	?	0.0323494	0.157104	-6.36523	0.177182	0.346648	-2.88477	0.319066	2.13955	2.13955	0.0123055	0.099991	-10.0009
cg27497831	AVPR2;AVPR2;AVPR2	0.00318416	0.937933	0.979174	-1.02127	0.889253	0.963047	-1.03837	0.00273517	0.327035	-3.05778	0.00102468	0.268375	-3.72613	0.00068446	0.246154	-4.0625
cg17189778	AVPR2;AVPR2;AVPR2	0.0211789	0.247739	1.37785	1.37785	0.032335	0.514433	-1.94389	0.155551	0.668272	-1.4964	0.758339	0.921409	-1.08529	0.337869	0.769471	-1.29959
cg20851325	AVPR2;AVPR2;AVPR2	0.0343668	0.406203	1.25884	1.25884	0.451136	0.812223	-1.23119	0.511113	0.83481	-1.19788	0.0479473	0.541985	-1.84507	0.183394	0.682236	-1.46577
cg20664654	AVPR2;AVPR2;AVPR2	0.0427922	0.437066	0.764902	-1.30736	0.00992982	0.332548	-3.00708	0.138155	0.582935	-1.71546	0.129134	1.74081	1.74081	0.285446	1.45506	1.45506
cg23852772	AWAT1	0.0106267	0.334368	0.746067	-1.34036	0.0189151	0.433277	-2.30799	0.00616525	0.349529	-2.86099	0.499074	1.22372	1.22372	0.000776802	0.223964	-4.46501
cg20220865	AWAT1	0.0231535	0.0770011	3.27208	3.27208	0.665664	0.769448	-1.29963	0.102787	0.340933	-2.93313	0.988584	1.00866	1.00866	0.0127642	0.154879	-6.45666
cg02616921	AWAT1	0.027617	0.537625	1.21132	1.21132	0.199022	0.659123	-1.51717	0.166102	0.635341	-1.57396	0.684545	1.13367	1.13367	0.0010332	0.224696	-4.45047
cg18512357	AWAT2	0.0362639	0.719553	1.14549	1.14549	0.152495	0.561381	-1.78132	0.584623	0.812236	-1.23117	0.00986413	0.292711	-3.41633	0.0126366	0.310989	-3.21554
cg16831427	AWAT2	0.0405546	0.117988	0.382521	-2.61424	0.118534	0.383159	-2.60988	0.184185	0.450461	-2.21995	0.114043	0.377864	-2.64646	0.0040032	0.111971	-8.93092
cg26912541	AXIN1;AXIN1	0.000868345	0.358811	0.820201	-1.21921	0.197999	0.751412	-1.33083	0.231094	0.76807	-1.30197	0.00122964	0.370513	-2.69896	0.00689111	0.479603	-2.08506
cg07115761	AXIN1;AXIN1	0.00178657	0.579281	0.79785	-1.25337	0.556846	1.27076	1.27076	0.82911	1.09108	1.09108	0.62888	0.821699	-1.21699	0.000453123	0.107667	-9.2879
cg01444501	AXIN1;AXIN1	0.00303341	0.162004	0.804475	-1.24305	0.0205262	0.66586	-1.50182	0.953246	1.00858	1.00858	0.0646224	0.739007	-1.35317	0.000261508	0.417033	-2.39789
cg27308245	AXIN1;AXIN1	0.00309121	0.783994	0.951867	-1.05057	3.17E-05	4.28502	4.28502	0.365939	1.18147	1.18147	0.600091	1.09963	1.09963	0.344106	0.839493	-1.1912
cg00301018	AXIN1;AXIN1	0.00324337	0.0652028	0.507493	-1.97047	0.0159389	2.63018	2.63018	0.425167	1.30583	1.30583	0.236367	0.665951	-1.50161	8.80E-05	0.0999842	-10.0016
cg01517185	AXIN1;AXIN1	0.00335011	0.000203731	0.184053	-5.43323	0.0872148	0.598527	-1.67077	0.669258	0.889764	-1.12389	0.435544	0.805549	-1.24139	0.425965	0.801747	-1.24728
cg00973118	AXIN1;AXIN1	0.00444124	0.0537343	1.35824	1.35824	0.0247606	1.45303	1.45303	0.597776	0.928273	-1.07727	0.183172	0.820833	-1.21827	0.60961	1.07465	1.07465
cg01677987	AXIN1;AXIN1	0.00528693	0.471527	1.19071	1.19071	0.00436605	2.47805	2.47805	0.00679034	2.3072	2.3072	0.48629	1.18364	1.18364	0.818316	1.05637	1.05637
cg09987150	AXIN1;AXIN1	0.0063183	0.129487	0.773041	-1.29359	0.0151002	0.625473	-1.59879	0.0934853	1.33631	1.33631	0.00510011	0.558986	-1.78895	0.750263	0.951055	-1.05146
cg00432872	AXIN1;AXIN1	0.00653662	0.549213	1.14292	1.14292	0.2635	0.773409	-1.29298	0.900793	0.972883	-1.02787	0.9448	0.984852	-1.01538	0.000107466	0.221871	-4.50712
cg06233593	AXIN1;AXIN1	0.00704789	0.547843	0.883408	-1.13198	0.154401	0.732899	-1.36444	0.939118	0.98455	-1.01569	0.109571	0.700748	-1.42705	0.00155058	0.395469	-2.52865
cg26525629	AXIN1;AXIN1	0.00779403	0.00507723	0.667915	-1.4972	0.815238	0.974818	-1.02583	0.181362	0.856757	-1.16719	0.010792	0.705439	-1.41756	0.18253	0.857153	-1.16665
cg03000848	AXIN1;AXIN1	0.0160665	0.0190753	0.536304	-1.86462	0.0449553	1.6575	1.6575	0.839458	1.04555	1.04555	0.497133	0.859517	-1.16344	0.0083085	0.476697	-2.09777
cg10010898	AXIN1;AXIN1	0.0185852	0.72239	1.1176	1.1176	0.0162045	2.50093	2.50093	0.0453038	0.488828	-2.04571	0.0369623	0.469937	-2.12795	0.864105	0.948006	-1.05485
cg04808813	AXIN1;AXIN1	0.0262745	0.3049	0.842196	-1.18737	0.00194239	2.0312	2.0312	0.234122	0.817405	-1.22338	0.623063	0.923042	-1.08337	0.75577	0.950815	-1.05173
cg01929285	AXIN1;AXIN1	0.0314949	0.0878095	1.69358	1.69358	0.132605	1.57423	1.57423	0.017942	2.23496	2.23496	0.0121447	2.39667	2.39667	0.288885	1.36049	1.36049
cg07558833	AXIN1;AXIN1	0.0337694	0.820958	1.08865	1.08865	0.0162601	3.0076	3.0076	0.53676	1.26412	1.26412	0.113831	1.90523	1.90523	0.0100206	0.295795	-3.38071
cg27480957	AXIN1;AXIN1	0.0353114	0.967633	1.01621	1.01621	0.0441402	0.399909	-2.50057	0.192622	0.578957	-1.72724	0.82045	0.913839	-1.09429	0.00144384	0.16122	-6.2027
cg04928096	AXIN1;AXIN1	0.0390962	0.058992	0.637076	-1.56967	0.478321	0.858632	-1.16464	0.13526	1.40555	1.40555	0.308795	0.800339	-1.24947	0.00264141	0.414887	-2.4103
cg16778107	AXIN1;AXIN1	0.0402062	0.614384	1.15014	1.15014	0.0310858	0.498187	-2.00728	0.612755	1.15089	1.15089	0.561037	0.850578	-1.17567	0.0269606	0.486132	-2.05706
cg09548897	AXIN1;AXIN1	0.0406374	0.461329	0.851616	-1.17424	0.0847671	1.50422	1.50422	0.824897	0.953649	-1.0486	0.0625616	0.638348	-1.56654	0.00544272	0.456936	-2.18849
cg08823186	AXIN1;AXIN1	0.0411265	0.137176	0.55462	-1.80304	0.0281442	0.384965	-2.59764	0.0245816	0.373134	-2.68	0.872854	0.942737	-1.06074	0.0102158	0.303527	-3.2946
cg10184845	AXIN1;AXIN1	0.0455757	0.0255638	0.479215	-2.08675	0.0746781	0.576631	-1.73421	0.011462	0.415962	-2.40406	0.128485	0.634074	-1.5771	0.192233	0.681995	-1.46629
cg27527595	AXIN2	0.000518359	0.224206	1.09381	1.09381	0.00568262	1.29016	1.29016	0.00659993	0.780601	-1.28106	0.139248	0.894261	-1.11824	0.0149181	0.810385	-1.23398
cg11316592	AXIN2	0.00408562	0.223818	0.793165	-1.26077	0.437587	1.15365	1.15365	0.112847	0.730022	-1.36982	0.000400553	0.334347	-2.9909	?	?	?
cg04239967	AXIN2	0.00545662	0.00372366	0.431171	-2.31926	0.00232212	2.49253	2.49253	0.00312864	2.38095	2.38095	0.975315	1.00667	1.00667	0.322236	0.802873	-1.24553
cg02711652	AXIN2	0.0100417	0.434532	0.6805	-1.46951	?	?	?	0.112675	2.32121	2.32121	0.000470971	0.0576924	-17.3333	?	?	?
cg17347650	AXIN2	0.0262185	0.386457	1.20568	1.20568	0.0149801	0.532501	-1.87793	0.745113	1.07114	1.07114	0.518823	1.14774	1.14774	0.0813484	1.50238	1.50238
cg26308530	AXIN2	0.0269795	0.0490188	0.559614	-1.78695	0.604481	0.873739	-1.14451	0.701636	1.10454	1.10454	0.317678	0.765827	-1.30578	0.0047491	0.379613	-2.63426
cg25661571	AXIN2	0.0331852	0.84243	0.893872	-1.11873	0.283026	1.87532	1.87532	0.0172968	5.12628	5.12628	0.782595	0.855623	-1.16874	0.0161333	0.190259	-5.25598
cg11096905	AXIN2	0.0362798	0.199373	0.510331	-1.95951	0.00240297	0.12271	-8.14931	0.121006	0.434244	-2.30285	0.736192	0.845563	-1.18264	0.0559294	0.341534	-2.92797
cg12255061	AXIN2	0.0371463	0.899077	1.03617	1.03617	0.00304013	3.11739	3.11739	0.0127983	2.37697	2.37697	0.331022	1.32425	1.32425	0.651733	1.13567	1.13567
cg22792735	AXIN2	0.0449533	0.131715	0.685107	-1.45963	0.425579	1.20817	1.20817	0.666165	0.904041	-1.10614	0.14176	1.44366	1.44366	0.00451568	0.414953	-2.40991
cg01974715	AXL;AXL	0.0011433	0.138405	0.674656	-1.48224	0.913407	0.973522	-1.0272	0.61244	1.13432	1.13432	0.22149	1.37305	1.37305	0.489177	0.84086	-1.18926
cg24901063	AXL;AXL	0.0117664	0.738237	0.965596	-1.03563	0.639864	0.952	-1.05042	0.171435	0.859001	-1.16414	0.561138	0.940505	-1.06326	0.000408404	0.556497	-1.79695
cg03247049	AXL;AXL	0.0322203	0.349384	1.24783	1.24783	0.530163	1.15738	1.15738	0.707959	1.09034	1.09034	0.550727	0.870449	-1.14883	0.0186024	0.519046	-1.92661
cg26334804	AXL;AXL	0.0363064	0.556978	0.896452	-1.11551	0.824283	0.959903	-1.04177	0.474266	0.874665	-1.14329	0.506188	0.883271	-1.13216	0.000605279	0.377985	-2.64561
cg02372201	AXL;AXL;AXL;AXL	0.00431697	0.240385	0.799285	-1.25112	0.0156145	1.71658	1.71658	0.00933813	1.8238	1.8238	0.677945	0.92671	-1.07909	0.214365	0.787999	-1.26904
cg10372302	AZGP1	9.66E-05	0.00203297	0.460549	-2.17132	0.000128365	0.305219	-3.27634	0.000203752	0.329634	-3.03367	0.00048019	0.376676	-2.6548	0.0110583	0.566693	-1.76462
cg26680675	AZGP1	0.000294363	0.00023076	0.218863	-4.56906	0.265222	1.33446	1.33446	0.0015365	0.322196	-3.1037	0.748835	0.923278	-1.0831	0.00390556	0.380853	-2.62568
cg12019109	AZGP1	0.000971943	0.0224939	0.513505	-1.9474	0.454016	1.2044	1.2044	0.000214598	0.221596	-4.51272	0.0665597	0.605526	-1.65146	0.00585634	0.414936	-2.41001
cg19237600	AZGP1	0.0012703	0.548195	0.832558	-1.20112	0.316545	0.73177	-1.36655	0.0102082	0.376523	-2.65588	0.41263	1.2874	1.2874	6.04E-05	0.106962	-9.34911
cg14413466	AZI1;AZI1	6.12E-05	0.873504	0.973439	-1.02729	0.462988	0.881419	-1.13453	0.444946	1.14061	1.14061	5.73E-05	0.283245	-3.53051	1.04E-05	0.203148	-4.92253
cg13534740	AZI1;AZI1	7.81E-05	0.848104	0.982446	-1.01787	3.25E-05	0.474251	-2.10859	0.0614923	1.21477	1.21477	0.0206189	1.2937	1.2937	0.00021585	0.565377	-1.76873
cg26697424	AZI1;AZI1	0.00116516	0.484294	0.906217	-1.10349	9.57E-05	0.382096	-2.61715	0.0111218	0.643394	-1.55426	0.882027	1.02079	1.02079	0.101787	0.78023	-1.28167
cg03718528	AZI1;AZI1	0.00214247	0.000743877	0.630368	-1.58638	0.0244703	0.785397	-1.27324	0.00419037	0.70771	-1.41301	0.909579	1.01029	1.01029	0.0161567	0.767036	-1.30372
cg17917959	AZI1;AZI1	0.00665767	0.316886	1.1575	1.1575	0.0511817	0.730597	-1.36874	0.342124	0.870785	-1.14839	0.764638	0.958444	-1.04336	0.000494104	0.462535	-2.162
cg10633463	AZI1;AZI1	0.0106842	0.141685	1.83353	1.83353	0.00420283	4.35328	4.35328	0.467574	0.753075	-1.32789	0.0394912	2.49361	2.49361	0.00438712	0.232337	-4.30409
cg08290617	AZI1;AZI1	0.0165189	0.757521	1.05304	1.05304	0.0661827	0.70901	-1.41042	0.0104649	1.71214	1.71214	0.125493	1.31876	1.31876	0.0413094	1.48105	1.48105
cg10963033	AZI1;AZI1	0.0181901	0.056557	0.546039	-1.83137	0.0212619	0.460192	-2.17301	0.0928378	0.595506	-1.67925	0.746311	0.913027	-1.09526	0.000632254	0.229458	-4.35809
cg09314803	AZI1;AZI1	0.0255749	0.123579	0.483163	-2.0697	0.00482364	0.195799	-5.10729	0.0310726	0.331634	-3.01537	0.489142	0.736071	-1.35856	0.00351265	0.177917	-5.62059
cg26172211	AZI1;AZI1	0.0341563	0.134744	0.830051	-1.20475	0.647627	1.0546	1.0546	0.960444	0.994287	-1.00575	0.856538	0.979313	-1.02112	0.394071	0.904078	-1.1061
cg26849909	AZI1;AZI1	0.0360584	0.256794	0.818546	-1.22168	0.00315732	0.505407	-1.9786	0.157262	0.774244	-1.29158	0.855342	1.03135	1.03135	0.133273	1.31519	1.31519
cg05371735	AZI1;AZI1	0.036848	0.0434883	0.721256	-1.38647	0.250571	0.844532	-1.18409	0.11673	0.786732	-1.27108	0.432923	0.89348	-1.11922	0.105595	0.779718	-1.28251
cg11345693	AZI1;AZI1	0.0373637	0.161731	1.6053	1.6053	0.00962404	0.354129	-2.82383	0.813642	1.07767	1.07767	0.14478	0.608897	-1.64231	0.00541384	0.313643	-3.18834
cg00492083	AZI1;AZI1	0.0374468	0.0142451	0.623464	-1.60394	0.1608	0.791284	-1.26377	0.0121952	0.613798	-1.6292	0.240971	0.825447	-1.21147	0.163529	0.792645	-1.2616
cg24564434	AZI1;AZI1	0.0381235	0.719207	1.11914	1.11914	0.875544	0.952309	-1.05008	0.866671	0.948961	-1.05378	0.702247	1.12722	1.12722	0.000923252	0.213765	-4.67802
cg17274378	AZI1;AZI1	0.0381726	0.110289	0.752034	-1.32973	0.0082919	0.57542	-1.73786	0.00960798	0.584617	-1.71052	0.729579	0.944762	-1.05847	0.529803	0.901025	-1.10985
cg03656092	AZI1;AZI1	0.0417696	0.0814265	0.305892	-3.26913	0.0532432	0.260071	-3.8451	0.0185576	0.173641	-5.759	0.168944	0.407034	-2.4568	0.0147732	0.158844	-6.29549
cg25342872	AZI1;AZI1	0.0439012	0.544558	0.905455	-1.10442	0.944829	1.01127	1.01127	0.933626	0.986601	-1.01358	0.0271769	0.654804	-1.52717	0.634771	1.08058	1.08058
cg21041512	AZI1;AZI1;AZI1;AZI1	0.00896125	0.995211	1.0006	1.0006	0.885225	1.01443	1.01443	0.545818	1.0625	1.0625	0.0162058	0.747036	-1.33862	0.784378	0.973167	-1.02757
cg19529645	AZI1;AZI1;AZI1;AZI1	0.0290621	0.0404054	0.775853	-1.2889	0.0287769	1.31845	1.31845	0.0467331	1.27648	1.27648	0.988212	1.00159	1.00159	0.387454	0.909404	-1.09962
cg06713199	AZI2;AZI2;AZI2	1.79E-05	0.104443	1.13661	1.13661	0.000477113	1.48531	1.48531	5.96E-06	2.08139	2.08139	3.82E-05	0.565609	-1.768	0.000117778	1.6264	1.6264
cg07210784	AZI2;AZI2;AZI2	0.000447099	0.002788	1.19107	1.19107	0.0189595	1.12808	1.12808	0.000241083	0.77284	-1.29393	0.000179283	0.764053	-1.30881	0.0307274	0.89794	-1.11366
cg16910340	AZI2;AZI2;AZI2;AZI2;AZI2;AZI2	0.0373882	0.713222	1.06599	1.06599	0.702877	0.935804	-1.0686	0.102372	1.3627	1.3627	0.606369	1.09416	1.09416	0.518627	0.892895	-1.11995
ch.8.2102814R	AZIN1;AZIN1	0.000315453	0.697996	1.06412	1.06412	0.248879	0.824251	-1.21322	?	?	?	0.127661	1.30415	1.30415	9.47E-05	0.294605	-3.39437
cg02886027	AZIN1;AZIN1	0.000370785	0.00269443	0.432227	-2.3136	0.130307	0.718529	-1.39173	0.240409	0.779859	-1.28228	0.000319167	0.307668	-3.25025	0.000989828	0.371555	-2.69139
cg09767126	AZIN1;AZIN1	0.00117501	0.00244187	0.316173	-3.16283	0.0275816	0.490976	-2.03676	0.0260093	0.486074	-2.0573	0.00172625	3.38973	3.38973	0.00114304	0.27094	-3.69086
cg02243276	AZIN1;AZIN1	0.00290355	0.028603	0.503554	-1.98589	0.0223909	2.06857	2.06857	0.134569	1.53509	1.53509	0.0799086	1.67568	1.67568	0.00115639	0.281355	-3.55423
cg22425418	AZIN1;AZIN1	0.00389228	0.00945322	0.553202	-1.80766	0.513335	0.887518	-1.12674	0.00707497	1.87106	1.87106	0.00133414	0.431872	-2.3155	0.027027	0.624213	-1.60202
cg03752203	AZIN1;AZIN1	0.0301395	0.0218094	0.164712	-6.07121	0.0300933	0.188002	-5.3191	0.0842946	0.286143	-3.49476	0.441241	0.597783	-1.67285	0.0257132	0.176265	-5.67328
cg16998490	AZIN1;AZIN1	0.0461913	0.0802542	0.594292	-1.68268	0.0472212	0.543952	-1.8384	0.191727	0.690306	-1.44863	0.906764	0.969068	-1.03192	0.228668	1.40326	1.40326
cg08025592	AZU1	0.000178484	0.19777	0.766053	-1.30539	0.781765	0.947087	-1.05587	0.0630803	0.664128	-1.50573	0.137041	0.730852	-1.36827	8.99E-06	0.152139	-6.57293
cg24101283	AZU1	0.00236687	0.211728	0.741517	-1.34859	0.515778	1.16159	1.16159	0.00330049	0.402581	-2.48397	0.382023	0.815623	-1.22606	0.000240856	0.251298	-3.97934
cg02147126	AZU1	0.00626023	0.0120339	0.386065	-2.59024	0.0114817	0.382514	-2.61428	0.0259926	0.447973	-2.23228	0.044851	0.496723	-2.01319	0.00631381	0.339313	-2.94713
cg24165638	AZU1	0.00888311	0.241537	0.604477	-1.65432	0.0219343	0.323401	-3.09213	0.0145576	0.290621	-3.4409	0.975104	0.987268	-1.0129	0.00707668	0.239523	-4.17497
cg15610437	AZU1	0.010467	0.00285352	0.217226	-4.6035	0.0455489	0.42625	-2.34604	0.0231328	0.364249	-2.74537	0.077054	0.481369	-2.07741	0.00463877	0.246468	-4.05731
cg17823175	AZU1	0.0163798	0.0415635	0.449673	-2.22384	0.116325	0.559657	-1.78681	0.0303953	0.420846	-2.37617	0.128845	0.572221	-1.74758	0.0152023	0.362716	-2.75698
cg10752406	AZU1	0.0258918	0.0258525	0.154306	-6.48064	0.0997111	0.279621	-3.57627	0.0734031	0.244143	-4.09595	0.116454	0.299736	-3.33627	0.0115791	0.107559	-9.29721
cg16643542	AZU1;AZU1	0.00565405	0.0885145	0.425479	-2.35029	0.277065	0.598049	-1.67211	0.0845504	0.419955	-2.38121	0.0780849	0.410554	-2.43573	0.00708477	0.205495	-4.86629
cg19404757	B2M	0.00955153	0.777196	1.07821	1.07821	?	?	?	0.875877	0.959357	-1.04236	0.595696	0.867493	-1.15275	0.049158	0.550967	-1.81499
cg16039157	B2M	0.0188487	0.0748665	0.685279	-1.45926	0.0059421	0.503939	-1.98437	0.000848327	0.384654	-2.59974	0.676632	0.92321	-1.08318	0.022398	0.593819	-1.68401
cg18555073	B2M	0.0224113	0.00690991	0.123415	-8.10276	0.0938248	0.332008	-3.01197	0.194239	0.439617	-2.27471	0.0627953	0.285707	-3.50009	0.00478292	0.106345	-9.40335
cg10081723	B2M	0.0438262	?	?	?	0.334068	0.649994	-1.53848	0.646082	1.22132	1.22132	0.377345	0.675916	-1.47947	0.00134385	0.133386	-7.49705
cg08188779	B2M	0.0456522	0.0501486	0.200763	-4.98099	0.0861972	0.255889	-3.90794	0.207547	0.384614	-2.60001	0.00348075	0.0577955	-17.3024	0.0209723	0.13576	-7.36595
cg12349858	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	6.04E-05	0.570674	1.07885	1.07885	0.0217864	0.694435	-1.44002	0.654173	0.942029	-1.06154	1.03E-05	0.286514	-3.49023	0.000430998	0.478269	-2.09087
cg20841906	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.000711006	0.159174	0.615059	-1.62586	0.564115	1.20725	1.20725	0.595109	1.18918	1.18918	0.137042	0.596084	-1.67762	0.91871	0.967561	-1.03353

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07879825	0.0572767	0.600745	-1.6646	0.297643	0.774279	-1.29152	0.249779	0.752025	-1.32974	0.0153541	0.494123	-2.02379	3.96178	3.52261	0.790355	1
cg17201273	0.280074	0.730995	-1.368	0.171212	0.665933	-1.50165	0.278262	0.730062	-1.36975	0.00868439	0.393224	-2.54308	3.91822	4.83273	1.09635	1
cg13447033	0.18448	1.98346	1.98346	0.530479	1.36227	1.36227	0.0099897	4.86748	4.86748	0.0728357	2.64741	2.64741	3.75693	14.0842	3.33231	1
cg05286252	0.547818	0.816308	-1.22503	0.691923	0.875546	-1.14215	0.244941	0.666387	-1.50063	0.446076	0.771674	-1.29588	3.65943	6.45434	1.56778	1
cg10620707	0.792351	1.04064	1.04064	0.0139873	1.58135	1.58135	0.372583	1.14823	1.14823	0.0955223	0.758426	-1.31852	3.56637	1.28784	0.320982	1
cg09449543	0.246198	1.47502	1.47502	0.00255598	3.82296	3.82296	0.0315753	2.2432	2.2432	0.182112	1.5744	1.5744	3.56042	5.79188	1.44599	1
cg13234848	0.901591	0.965555	-1.03567	0.0424525	0.51576	-1.93889	0.00816408	0.383169	-2.60982	0.724771	1.10536	1.10536	3.77639	4.80219	1.13034	1
cg10772974	0.00786975	0.574086	-1.7419	0.000150817	0.346845	-2.88313	0.00956259	1.7059	1.7059	0.00868877	0.580227	-1.72346	17.8989	7.50993	0.372956	1
cg26855208	0.935021	1.03172	1.03172	0.140406	0.544822	-1.83546	0.485	0.762079	-1.3122	0.612715	0.822456	-1.21587	3.40743	7.91255	2.06413	1
cg01424889	0.0514822	1.49741	1.49741	0.00638548	1.90853	1.90853	0.017292	1.69562	1.69562	0.34965	0.83918	-1.19164	10.539	5.5358	0.466906	1
cg16459491	0.473874	0.924494	-1.08167	7.05E-05	0.457686	-2.18491	0.0427838	1.28574	1.28574	0.121141	1.1986	1.1986	10.0209	1.84379	0.163551	1
cg05989381	0.931197	1.03323	1.03323	0.0231407	0.357782	-2.79499	0.26678	0.645362	-1.54952	0.650042	1.18874	1.18874	7.17864	16.2894	2.01703	1
cg06331674	0.120479	0.637369	-1.56895	0.239181	0.719174	-1.39048	0.18151	1.4613	1.4613	0.335688	1.30408	1.30408	3.76977	4.2702	1.00689	1
cg05136169	0.0141675	0.633494	-1.57855	0.117526	0.773837	-1.29226	0.0673391	0.734044	-1.36232	0.000644024	0.453953	-2.20287	12.3472	4.44827	0.320235	1
cg02187522	0.888342	1.0241	1.0241	0.20784	0.798378	-1.25254	0.0233541	0.631647	-1.58316	0.00776312	0.560092	-1.78542	7.05775	3.2134	0.404712	1
cg14065127	0.00420764	9.58833	9.58833	0.0151556	0.172122	-5.80985	0.618475	1.34459	1.34459	0.371541	1.71787	1.71787	5.52951	30.4579	4.89622	1
cg16536918	0.464757	0.860235	-1.16247	0.66861	0.916554	-1.09104	0.189589	0.754907	-1.32467	0.0562269	0.645643	-1.54884	5.5214	3.58044	0.576415	1
cg11491381	0.00036654	14.4212	14.4212	0.349549	1.56876	1.56876	0.0300895	3.29638	3.29638	0.694378	1.2028	1.2028	4.77421	16.533	3.0782	1
cg24257309	0.187366	0.750156	-1.33306	0.1111	0.699708	-1.42917	0.710291	1.07979	1.07979	0.0230618	0.571732	-1.74907	4.14313	2.77728	0.595851	1
cg03279206	0.0919055	3.63046	3.63046	0.0031856	16.4222	16.4222	0.0122753	8.73524	8.73524	0.0375017	5.35091	5.35091	4.04305	30.9191	6.79774	1
cg15189567	0.0143928	0.243834	-4.10116	0.240849	0.563029	-1.77611	0.894536	1.06401	1.06401	0.487139	1.39136	1.39136	3.95796	13.7192	3.0811	1
cg25551168	0.204761	0.789761	-1.26621	0.96153	1.00854	1.00854	0.182221	1.28368	1.28368	0.0791602	0.709069	-1.4103	6.46636	3.18644	0.43802	1
cg04318476	0.0138864	0.521345	-1.91812	0.0193826	0.545629	-1.83275	0.00710664	0.474656	-2.10679	0.514323	0.867877	-1.15224	6.73456	4.89754	0.646423	1
cg16813864	0.00480867	0.433777	-2.30533	0.233259	0.756529	-1.32183	0.711236	0.92034	-1.08656	0.0840213	0.652595	-1.53234	4.63008	3.65466	0.701625	1
cg10022510	0.235316	0.593262	-1.68559	0.122663	0.495515	-2.0181	0.0721876	0.430696	-2.32182	0.437736	0.717281	-1.39415	3.82011	10.6611	2.48069	1
cg23335356	0.0838411	0.578944	-1.72728	8.91E-05	0.134765	-7.42032	0.000428061	0.203383	-4.91683	0.00159507	0.274148	-3.64766	23.3233	30.1473	1.14896	1
cg10931900	0.473459	0.737211	-1.35646	0.00350293	0.190858	-5.2395	0.820962	0.909567	-1.09942	0.00352565	0.19122	-5.22958	8.35201	23.1302	2.46171	1
cg12807275	0.403742	1.22537	1.22537	0.771785	0.933159	-1.07163	0.0455445	0.579582	-1.72538	0.00322185	0.384375	-2.60162	3.9057	3.50015	0.79659	1
cg04827692	0.333807	1.76246	1.76246	0.365085	0.589157	-1.69734	0.0210182	4.84596	4.84596	0.0898527	2.89481	2.89481	3.50638	17.9477	4.54984	1
cg18660363	0.0128474	1.24912	1.24912	0.000287888	0.653116	-1.53112	1.07E-08	5.228	5.228	0.196838	0.906435	-1.10322	83.4286	6.84859	0.0729683	1
cg26706003	4.51E-06	0.203847	-4.90564	3.07E-07	0.104525	-9.56712	0.000842003	0.468853	-2.13286	0.00144483	0.499313	-2.00275	59.3131	21.3761	0.32035	1
cg21164131	6.08E-05	4.00534	4.00534	0.0619068	0.674351	-1.48291	4.92E-07	14.0184	14.0184	0.0611182	1.48512	1.48512	30.6055	17.0249	0.49446	1
cg12516059	0.952095	1.01835	1.01835	0.0286568	0.457762	-2.18454	0.000365951	5.62947	5.62947	0.317605	1.36712	1.36712	7.21527	10.471	1.28998	1
cg04735509	0.292474	0.722472	-1.38414	0.000579456	0.2051	-4.87566	0.0113977	2.56677	2.56677	0.263536	1.4147	1.4147	6.13238	8.60428	1.24719	1
cg23085912	0.68743	0.923927	-1.08234	0.192777	1.3095	1.3095	0.0166476	1.77171	1.77171	0.0363302	1.60969	1.60969	3.42938	2.07849	0.538741	1
cg00761787	0.640617	0.95213	-1.05028	0.411491	0.916114	-1.09157	0.707184	0.961394	-1.04016	0.123137	0.84008	-1.19036	5.56411	0.959231	0.153241	1
cg27169129	0.0470153	0.396341	-2.52308	0.285157	0.636383	-1.57138	0.139498	1.91053	1.91053	0.748405	1.13998	1.13998	5.34453	14.0292	2.3333	1
cg20295214	0.389983	0.721552	-1.3859	0.414463	0.734143	-1.36213	0.253986	0.64319	-1.55475	0.0784139	0.484671	-2.06326	4.1412	9.00197	1.93223	1
cg18992688	0.189876	0.579363	-1.72603	0.114334	0.509075	-1.96435	0.0512658	0.4179	-2.39292	0.528382	1.28544	1.28544	3.60668	8.82714	2.1755	1
cg13423140	0.56948	0.759492	-1.31667	0.00560286	0.175421	-5.70059	0.611637	0.78268	-1.27766	0.00609261	0.180236	-5.54828	6.05611	21.965	3.22393	1
cg19784262	0.138461	0.326298	-3.06468	0.198541	0.385174	-2.59623	0.00237635	0.0510506	-19.5884	0.744806	0.795064	-1.25776	4.49264	35.081	6.94092	1
cg03658985	0.517625	0.673918	-1.48386	0.00240789	0.0786117	-12.7207	0.689701	0.785488	-1.27309	0.0186167	0.179738	-5.56365	4.46055	25.57	5.09552	1
cg07874445	?	?	?	0.0253165	0.140291	-7.12803	0.221671	0.387205	-2.58261	0.201441	0.369187	-2.70866	3.65738	24.5802	7.68081	1
cg27497831	0.214135	1.424	1.424	0.261043	1.3727	1.3727	0.559079	1.17311	1.17311	0.972945	0.990877	-1.00921	8.40787	9.72546	1.02819	1
cg17189778	0.0839791	1.66057	1.66057	0.00434973	2.74726	2.74726	0.0511546	1.80229	1.80229	0.276143	0.740475	-1.35048	4.61364	5.14048	0.990392	1
cg20851325	0.294177	1.34278	1.34278	0.0058897	2.65424	2.65424	0.0751372	1.71057	1.71057	0.128599	0.640865	-1.56039	3.89274	4.52428	1.0331	1
cg20664654	0.229757	0.653116	-1.53112	0.695564	1.14219	1.14219	0.0171635	0.37463	-2.6693	0.0894562	0.530994	-1.88326	3.59232	6.502	1.60887	1
cg23852772	0.22669	1.45276	1.45276	0.715855	1.11356	1.11356	0.425337	0.787001	-1.27065	0.168575	0.649434	-1.5398	5.79657	7.94746	1.21872	1
cg20220865	0.749341	1.21318	1.21318	0.747339	1.21514	1.21514	0.00532875	0.10935	-9.14491	0.0178419	0.176224	-5.6746	4.47458	25.7549	5.11629	1
cg02616921	0.23637	1.46389	1.46389	0.235988	1.46439	1.46439	0.126837	0.602177	-1.66064	0.674136	0.878187	-1.13871	4.20813	6.28772	1.32816	1
cg18512357	0.242108	1.58602	1.58602	0.0193492	0.344553	-2.90231	0.0538885	0.438452	-2.28075	0.390206	0.717702	-1.39334	3.81769	8.58152	1.99807	1
cg16831427	0.832526	0.887027	-1.12736	0.0319749	0.241073	-4.14812	0.0434713	0.268612	-3.72285	0.0128551	0.173968	-5.74817	3.66449	18.6002	4.51181	1
cg26912541	2.15E-05	0.165971	-6.02515	0.2737	1.27032	1.27032	0.447433	0.84989	-1.17662	0.0177894	0.545912	-1.8318	12.2459	8.55801	0.621197	1
cg07115761	0.694569	1.17249	1.17249	0.000196541	0.0801216	-12.481	0.234776	1.65234	1.65234	0.00424758	0.213728	-4.67884	9.9634	25.6587	2.28915	1
cg01444501	0.00371677	0.564912	-1.77019	0.0168405	1.52952	1.52952	0.727386	1.05232	1.05232	0.175054	0.810456	-1.23387	8.53005	2.86839	0.298906	1
cg27308245	0.52333	1.12313	1.12313	0.600371	1.09954	1.09954	0.412019	1.16251	1.16251	0.505878	0.885871	-1.12883	8.48233	4.3298	0.453733	1
cg00301018	0.136266	0.590977	-1.69211	0.481493	0.791022	-1.26419	0.988043	1.00492	1.00492	0.213773	0.651208	-1.53561	8.36184	14.2177	1.51138	1
cg01517185	0.546621	1.18036	1.18036	0.0956309	1.64468	1.64468	0.00485326	0.362332	-2.7599	0.00441416	0.355977	-2.80917	8.28146	9.69001	1.04008	1
cg00973118	0.00139535	1.91037	1.91037	0.0016349	1.87885	1.87885	0.0538617	1.35796	1.35796	0.0431185	0.722312	-1.38444	7.60799	2.35467	0.275111	1
cg01677987	0.213128	1.36681	1.36681	0.00146331	0.334536	-2.98922	0.0290909	1.84594	1.84594	0.427781	0.824518	-1.21283	7.21444	6.49015	0.79965	1
cg09987150	0.00617412	0.570471	-1.75294	0.00721825	1.72436	1.72436	0.508104	1.11128	1.11128	0.908387	1.01826	1.01826	6.82913	2.67113	0.347678	1
cg00432872	0.945546	1.01517	1.01517	0.104266	1.47917	1.47917	0.265146	0.774151	-1.29174	0.140558	0.705073	-1.41829	6.75758	5.20047	0.684068	1
cg06233593	0.00503938	0.469492	-2.12996	0.00131045	0.385359	-2.59498	0.0393702	0.615168	-1.62557	0.0097426	0.513553	-1.94722	6.60107	4.34406	0.584964	1
cg26525629	0.0157141	1.38067	1.38067	0.00712437	1.46041	1.46041	0.899109	0.986274	-1.01392	0.585795	1.06179	1.06179	6.39639	1.20265	0.16713	1
cg03000848	0.0805184	0.653329	-1.53062	0.0136089	1.95489	1.95489	0.513876	0.864697	-1.15647	0.294686	0.787685	-1.26954	5.064	3.86751	0.678867	1
cg10010898	0.0382037	0.472956	-2.11436	0.00954007	0.359415	-2.7823	0.171685	1.57387	1.57387	0.532463	0.821124	-1.21784	4.82287	7.4209	1.36772	1
cg04808813	0.0470866	0.69259	-1.44386	0.110706	0.755074	-1.32437	0.842212	1.03274	1.03274	0.166167	1.26956	1.26956	4.28233	1.77218	0.367855	1
cg01929285	0.0144053	2.32418	2.32418	0.00659052	2.68174	2.68174	0.0316234	2.02308	2.02308	0.259196	1.38978	1.38978	4.01666	4.97393	1.10073	1
cg07558833	0.634585	1.19651	1.19651	0.0438385	0.419757	-2.38233	0.292461	1.50569	1.50569	0.507089	0.777097	-1.28684	3.91744	8.71098	1.97657	1
cg27480957	0.666358	0.842047	-1.18758	0.726187	1.14953	1.14953	0.174844	0.564425	-1.77171	0.0226603	0.339103	-2.94896	3.85475	9.59009	2.21144	1
cg04928096	0.154187	0.724319	-1.38061	0.737286	1.07378	1.07378	0.184311	1.34684	1.34684	0.888064	0.970661	-1.03023	3.71422	2.62992	0.629394	1
cg16778107	0.0831258	1.69595	1.69595	0.114069	1.60529	1.60529	0.0576938	1.80567	1.80567	0.109779	1.61609	1.61609	3.67617	4.414	1.0673	1
cg09548897	0.187475	0.741417	-1.34877	0.134504	1.41284	1.41284	0.268937	1.27966	1.27966	0.311812	0.799236	-1.2512	3.66173	2.66023	0.645773	1
cg08823186	0.10314	0.518708	-1.92787	0.00850556	0.290394	-3.4436	0.954486	0.979204	-1.02124	0.148274	0.564978	-1.76998	3.64558	7.82719	1.90847	1
cg10184845	0.00539816	0.362206	-2.76086	0.35986	0.770255	-1.29827	0.778935	1.08116	1.08116	0.688805	0.894379	-1.11809	3.50877	4.27268	1.08241	1
cg27527595	0.00646663	0.779852	-1.28229	6.01E-05	1.68337	1.68337	0.39688	1.06282	1.06282	0.41927	0.94369	-1.05967	14.1482	1.10516	0.0694341	1
cg11316592	0.119332	0.73488	-1.36077	0.00309358	0.464435	-2.15315	0.857279	0.96812	-1.03293	0.0308412	1.59688	1.59688	9.28498	4.14368	0.390492	1
cg04239967	0.865004	1.03721	1.03721	0.0722467	1.53842	1.53842	0.618511	0.897816	-1.11381	0.555678	0.879875	-1.13652	7.1449	5.21695	0.649035	1
cg02711652	0.101163	0.416362	-2.40176	0.573271	0.760075	-1.31566	0.0681444	0.367648	-2.72	0.631339	0.792198	-1.26231	6.98256	19.5031	2.79312	1
cg17347650	0.485012	1.16124	1.16124	0.0155567	1.8684	1.8684	0.290233	1.26018	1.26018	0.00617931	2.12204	2.12204	4.28552	3.01274	0.624893	1
cg26308530	0.0611664	0.579852	-1.72458	0.00342347	0.357998	-2.79331	0.0372733	0.535548	-1.86725	0.449107	0.819353	-1.22047	4.24279	4.48347	0.939311	1
cg25661571	0.621825	0.755578	-1.32349	0.0122435	0.172192	-5.80748	0.245587	1.98296	1.98296	0.511373	0.686969	-1.45567	3.94212	19.839	4.47339	1
cg11096905	0.0400497	0.308139	-3.24529	0.0210886	0.252548	-3.95964	0.0334104	0.291373	-3.43202	0.351215	0.62127	-1.60961	3.81708	14.8792	3.46494	1
cg12255061	0.760141	1.08953	1.08953	0.0939649	1.67474	1.67474	0.0136336	2.35005	2.35005	0.672414	1.12647	1.12647	3.78441	4.69938	1.1038	1
cg22792735	0.301371	0.779675	-1.28259	0.0277977	0.546401	-1.83016	0.109938	0.666994	-1.49926	0.951535	0.985972	-1.01423	3.5269	3.0175	0.760505	1
cg01974715	0.399099	1.23735	1.23735	0.508081	1.18015	1.18015	1.30E-05	0.104628	-9.55766	0.944897	1.0172	1.0172	11.3271	10.9183	0.856815	1
cg24901063	0.0760954	0.813809	-1.22879	0.620592	0.949247	-1.05347	0.0150514	0.732054	-1.36602	0.093844	1.21205	1.21205	5.60913	0.967952	0.153393	1
cg03247049	0.621861	1.12105	1.12105	0.00151298	0.349865	-2.85824	0.764804	1.07139	1.07139	0.567186	1.14217	1.14217	3.98408	3.33313	0.743655	1
cg26334804	0.426491	0.861208	-1.16116	0.470667	1.14459	1.14459	0.17421	0.766444	-1.30473	0.553447	1.11663	1.11663	3.81606	2.04661	0.476724	1
cg02372201	0.195243	0.779042	-1.28363	0.000329005	0.34742	-2.87836	0.282585	0.815863	-1.2257	0.643639	0.918596	-1.08862	7.67368	4.0374	0.467677	1
cg10372302	0.000156634	0.315652	-3.16805	9.22E-06	0.18114	-5.52059	0.278717	0.818134	-1.22229	0.00335351	0.490984	-2.03673	22.3472	11.2421	0.44717	1
cg26680675	0.0237364	0.511302	-1.95579	1.86E-05	0.114604	-8.72567	0.118017	0.655881	-1.52467	0.00200501	0.338389	-2.95517	16.5357	16.1715	0.869307	1
cg12019109	0.0714078	0.612029	-1.63391	6.55E-05	0.167542	-5.96867	0.0475383	0.575418	-1.73787	0.0167016	0.490447	-2.03896	11.8618	11.1707	0.837102	1
cg19237600	0.00432374	0.316517	-3.15939	0.000680672	0.208934	-4.78619	0.0771644	0.552861	-1.80877	0.088376	0.567208	-1.76302	10.9915	15.8342	1.28052	1
cg14413466	1.85E-05	0.228988	-4.36704	0.86255	1.02971	1.02971	0.425799	1.14729	1.14729	0.0042101	0.523322	-1.91087	25.2307	11.4068	0.401869	1
cg13534740	0.0019236	0.666614	-1.50012	0.000142693	1.8325	1.8325	0.219791	1.12656	1.12656	0.216721	1.12755	1.12755	23.6526	3.19545	0.120088	1
cg26697424	0.430923	1.11782	1.11782	0.181848	1.21695	1.21695	0.757582	0.958011	-1.04383	0.000258022	0.434631	-2.3008	11.2661	3.42518	0.270246	1
cg03718528	0.00132411	0.656455	-1.52333	0.0744678	0.836018	-1.19615	0.0446086	0.812352	-1.23099	0.000447756	0.607121	-1.64712	9.45023	1.21573	0.114351	1
cg17917959	0.0324987	0.702014	-1.42447	0.00749591	0.614743	-1.6267	0.0707457	1.33034	1.33034	0.204051	0.827392	-1.20862	6.71918	2.12642	0.281306	1
cg10633463	0.813904	0.913502	-1.09469	0.209766	0.602216	-1.66053	0.0475673	2.38546	2.38546	0.89102	0.948764	-1.054	5.78651	13.4899	2.07223	1
cg08290617	0.00374698	1.92142	1.92142	0.100652	1.34996	1.34996	0.0187071	1.60885	1.60885	0.613463	1.08871	1.08871	5.01737	2.21272	0.39201	1
cg10963033	0.0516129	0.537411	-1.86077	0.0588747	0.549872	-1.81861	0.83457	1.06037	1.06037	0.444538	0.803736	-1.24419	4.85793	6.04549	1.10619	1
cg09314803	0.091949	0.445273	-2.24581	0.0687686	0.411348	-2.43103	0.0323576	0.335309	-2.98233	0.061707	0.399426	-2.50359	4.32287	13.0211	2.67747	1
cg26172211	0.465546	0.917789	-1.08957	0.0530098	1.28916	1.28916	0.0602827	0.782891	-1.27732	0.00196021	0.603134	-1.65801	3.90138	0.824488	0.187851	1
cg26849909	0.517668	1.11735	1.11735	0.301859	1.19835	1.19835	0.104134	0.740395	-1.35063	0.0583087	0.696317	-1.43613	3.82558	1.73393	0.402887	1
cg05371735	0.849212	0.973567	-1.02715	0.00316473	1.76383	1.76383	0.723607	0.951254	-1.05124	0.630613	0.934083	-1.07057	3.79555	1.19074	0.278861	1
cg11345693	0.726678	1.11757	1.11757	0.243842	0.679601	-1.47145	0.456952	1.27121	1.27121	0.288465	0.705349	-1.41774	3.77636	6.0011	1.41255	1
cg00492083	0.590651	0.918642	-1.08856	0.0406202	1.44694	1.44694	0.331685	0.855121	-1.16942	0.329344	1.17037	1.17037	3.7733	1.45947	0.343812	1
cg24564434	0.199741	1.52556	1.52556	0.310619	0.721025	-1.38692	0.441338	1.27735	1.27735	0.464175	1.26147	1.26147	3.74868	5.77102	1.36843	1
cg17274378	0.0094097	0.583311	-1.71435	0.481896	1.12417	1.12417	0.265642	0.82701	-1.20918	0.224087	0.811294	-1.2326	3.74692	1.59107	0.377453	1
cg03656092	0.0324289	0.215283	-4.64506	0.012553	0.14897	-6.71274	0.0314393	0.212746	-4.70043	0.241764	0.47169	-2.12004	3.62471	21.592	5.29501	1
cg25342872	0.178269	1.26065	1.26065	0.00298572	1.93414	1.93414	0.337306	0.851973	-1.17375	0.733441	0.946146	-1.05692	3.55825	1.47799	0.369218	1
cg21041512	0.535787	0.939711	-1.06416	0.00038597	0.570303	-1.75346	0.0922438	1.20175	1.20175	0.110108	1.1885	1.1885	6.12075	0.953346	0.13845	1
cg19529645	0.626413	1.054	1.054	0.007517	0.691568	-1.44599	0.616545	1.05562	1.05562	0.357255	1.10683	1.10683	4.1331	0.752298	0.161794	1
cg06713199	0.0110399	1.25858	1.25858	0.0241006	0.823606	-1.21417	0.00565512	1.29947	1.29947	0.000710504	1.45071	1.45071	34.8529	2.87312	0.0732763	1
cg07210784	0.49561	1.02978	1.02978	0.150154	0.936661	-1.06762	0.015978	0.882382	-1.1333	0.3059	0.956028	-1.04599	14.7401	0.420057	0.0253312	1
cg16910340	0.743937	0.944835	-1.05839	0.00334287	0.500884	-1.99647	0.0389614	1.51251	1.51251	0.117292	1.34249	1.34249	3.77546	1.79219	0.42195	1
ch.8.2102814R	?	?	?	4.09E-05	0.248509	-4.024	0.479999	1.12148	1.12148	0.174529	0.792756	-1.26142	21.506	6.57921	0.305924	1
cg02886027	0.000463673	0.328192	-3.047	0.000304631	0.305146	-3.27712	0.0105461	1.91722	1.91722	0.00868567	0.508353	-1.96714	15.5211	10.0595	0.576105	1
cg09767126	0.515579	1.19723	1.19723	0.00678651	0.383698	-2.60621	0.00473815	0.359051	-2.78512	0.49171	0.826394	-1.21008	11.2391	13.2703	1.04954	1
cg02243276	0.9994	0.9998	-1.0002	0.11489	0.634171	-1.57686	0.00467619	2.71547	2.71547	0.0425359	0.53772	-1.8597	8.64152	9.65845	0.993493	1
cg22425418	0.844404	0.965247	-1.036	0.00280469	0.476522	-2.09854	0.548581	0.896492	-1.11546	0.199539	0.783504	-1.27632	7.91732	4.06304	0.456163	1
cg03752203	0.143056	0.356569	-2.80451	0.00213161	0.0591523	-16.9055	0.133902	0.346752	-2.88391	0.0477429	0.226912	-4.40699	4.0801	27.7399	6.0434	1
cg16998490	0.520852	0.83986	-1.19068	0.00219501	0.316125	-3.16331	0.163926	0.671435	-1.48935	0.45857	0.81677	-1.22434	3.49114	3.97628	1.01241	1
cg08025592	0.00294783	0.449691	-2.22375	0.111844	1.40349	1.40349	0.000328122	0.321105	-3.11424	0.000245806	0.305495	-3.27338	18.9463	11.4997	0.539524	1
cg24101283	0.0161684	0.512295	-1.952	0.880774	1.03471	1.03471	0.00117536	0.338807	-2.95153	0.0100679	0.477933	-2.09234	9.17849	7.51187	0.727485	1
cg02147126	0.0477581	0.502644	-1.98948	0.126539	0.605152	-1.65248	0.000773556	0.213006	-4.69471	0.00283049	0.286678	-3.48823	6.84869	10.017	1.3001	1
cg24165638	0.0215536	0.321939	-3.10617	0.000931625	0.131445	-7.60773	0.046717	0.392549	-2.54746	0.0102009	0.264451	-3.78142	6.13777	16.3909	2.37377	1
cg15610437	0.0697288	0.470339	-2.12612	0.0141592	0.324402	-3.0826	0.00723596	0.275608	-3.62834	0.00885229	0.289627	-3.45272	5.82481	12.7587	1.94703	1
cg17823175	0.0185194	0.378549	-2.64167	0.00200388	0.226897	-4.40728	0.00549513	0.288926	-3.4611	0.207013	0.635963	-1.57242	5.03153	9.21876	1.62862	1
cg10752406	0.19896	0.383387	-2.60833	0.00585008	0.0782056	-12.7868	0.00728886	0.0867868	-11.5225	0.0322953	0.170231	-5.87438	4.30434	34.0097	7.02335	1
cg16643542	0.0926019	0.431002	-2.32017	0.000289639	0.0679876	-14.7086	0.00229117	0.143887	-6.94989	0.0178943	0.270172	-3.70134	7.06731	23.1473	2.91135	1
cg19404757	0.65671	1.12608	1.12608	0.000260283	0.203042	-4.92508	0.646321	0.884577	-1.13048	0.145933	1.51342	1.51342	6.11848	6.06913	0.991935	1
cg16039157	0.359193	0.835611	-1.19673	0.219631	0.782009	-1.27876	0.616321	0.908248	-1.10102	0.415773	0.85347	-1.17169	4.80001	2.75867	0.510864	1
cg18555073	0.163665	0.410853	-2.43396	0.00606525	0.117123	-8.53807	0.0422596	0.246595	-4.05523	0.03803	0.237111	-4.21743	4.52506	25.6644	5.04144	1
cg10081723	?	?	?	0.974786	0.986427	-1.01376	0.5382	0.76377	-1.30929	0.67276	1.20165	1.20165	3.68329	8.48313	2.63216	1
cg08188779	0.108065	0.283491	-3.52744	0.0422735	0.186021	-5.37574	0.0709539	0.234458	-4.26516	0.32875	0.484456	-2.06417	3.50656	28.708	7.27727	1
cg12349858	0.142637	0.811637	-1.23208	0.00146961	1.83688	1.83688	0.011439	1.52064	1.52064	0.000360976	2.13315	2.13315	25.3211	7.03419	0.246933	1
cg20841906	0.978447	0.991311	-1.00876	7.04E-06	0.0403403	-24.7891	0.926015	1.03046	1.03046	0.332545	1.38114	1.38114	12.9542	21.4086	1.46902	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25635352	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.0142114	0.963531	0.993922	-1.00611	0.186163	1.20548	1.20548	0.475058	1.10169	1.10169	0.922088	0.987041	-1.01313	0.189316	1.20369	1.20369
cg23730617	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.01636	0.103747	2.45129	2.45129	0.0765206	0.370477	-2.69922	0.0035166	0.136056	-7.34991	0.584099	1.32127	1.32127	0.0627495	0.348095	-2.87278
cg21146905	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.0374306	0.970837	1.00727	1.00727	0.925401	1.01874	1.01874	0.000844913	2.7041	2.7041	0.814576	1.04767	1.04767	0.156427	1.35052	1.35052
cg02782510	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.0384197	0.00242654	0.188171	-5.31431	0.901996	0.952426	-1.04995	0.0370606	0.383678	-2.60635	0.907159	0.954888	-1.04724	0.0462003	0.405044	-2.46887
cg07836225	B3GALNT2	0.000567138	0.000718623	0.198699	-5.03274	0.00557816	0.318953	-3.13526	0.000366479	0.166692	-5.99908	0.00427936	0.301313	-3.31881	0.00061968	0.191356	-5.22586
cg02633690	B3GALNT2	0.00406979	0.212258	0.648017	-1.54317	0.0602793	0.480078	-2.08299	0.000236015	0.0585994	-17.065	0.0865147	0.524062	-1.90817	0.0427523	0.440592	-2.26967
cg10541361	B3GALNT2	0.0289037	0.479566	1.1002	1.1002	0.278429	1.16154	1.16154	0.109113	1.2613	1.2613	0.257082	0.85457	-1.17018	0.565681	0.925749	-1.08021
cg25409618	B3GALNT2;B3GALNT2	0.0171227	0.016981	0.392946	-2.54488	0.822046	0.930268	-1.07496	0.702008	1.13128	1.13128	0.483417	1.25676	1.25676	0.380715	1.33443	1.33443
cg26050004	B3GALNT2;B3GALNT2	0.0498347	0.469422	1.11324	1.11324	0.17058	1.23702	1.23702	0.0548015	1.37365	1.37365	0.790636	0.96196	-1.03954	0.851304	1.02773	1.02773
cg18015625	B3GALT1	0.000470765	0.211994	1.13836	1.13836	0.000553232	0.58954	-1.69624	0.145419	0.857188	-1.16661	0.000514403	0.586051	-1.70634	0.378228	0.91474	-1.09321
cg00347071	B3GALT1	0.00185925	0.803653	0.959627	-1.04207	0.0128076	0.599618	-1.66773	0.00189624	0.4828	-2.07125	0.977951	1.00458	1.00458	0.332689	0.847623	-1.17977
ch.2.3405933F	B3GALT1	0.00213838	0.0983048	0.408053	-2.45066	3.19E-05	0.0182522	-54.7879	0.00961496	0.197806	-5.05545	0.331908	0.609645	-1.6403	0.04669	0.324336	-3.08322
cg23269346	B3GALT1	0.034782	0.219983	1.6199	1.6199	0.27281	1.53246	1.53246	0.604279	1.21597	1.21597	0.709536	1.1502	1.1502	0.00172774	0.187883	-5.32247
cg00725635	B3GALT2;CDC73	0.0305697	0.477249	0.912632	-1.09573	0.938569	0.990296	-1.0098	0.743918	0.959379	-1.04234	0.607694	1.0677	1.0677	0.0850754	0.785942	-1.27236
cg20530204	B3GALT4	0.0146628	0.423459	0.649491	-1.53967	0.286869	1.79283	1.79283	0.00211613	9.78669	9.78669	0.00303675	8.53288	8.53288	0.0765133	0.353411	-2.82957
cg22878489	B3GALT4	0.02226	0.191423	2.24964	2.24964	0.00265346	11.4398	11.4398	0.00592117	8.25019	8.25019	0.194339	2.2364	2.2364	0.0566498	3.54215	3.54215
cg17103217	B3GALT4	0.0281698	0.551127	1.23238	1.23238	0.00127102	5.09833	5.09833	0.024127	2.53896	2.53896	0.24346	1.52632	1.52632	0.226995	1.55189	1.55189
cg03127244	B3GALT4	0.0347748	0.198325	1.7612	1.7612	0.00142534	6.82861	6.82861	0.0283361	2.9378	2.9378	0.469726	1.35826	1.35826	0.117257	2.03068	2.03068
cg23950233	B3GALT4	0.0392906	0.37543	1.93992	1.93992	0.00441068	15.9351	15.9351	0.0360906	5.90411	5.90411	0.21847	2.56738	2.56738	0.111972	3.52812	3.52812
cg03721978	B3GALT4	0.0453942	0.586975	1.20313	1.20313	0.00737724	3.2028	3.2028	0.023808	2.48299	2.48299	0.173345	1.62977	1.62977	0.0409324	2.21541	2.21541
cg03702686	B3GALT4;RPS18	0.000386344	9.56E-05	0.166147	-6.01877	0.0162506	2.13732	2.13732	0.000933933	3.58431	3.58431	0.0151081	2.16318	2.16318	0.224049	0.71886	-1.39109
cg26912426	B3GALT4;RPS18	0.00310733	0.000101515	0.340909	-2.93333	0.826579	0.966291	-1.03488	0.219367	1.22366	1.22366	0.373192	0.866873	-1.15357	0.114686	0.764833	-1.30748
cg21986677	B3GALT4;RPS18	0.00403973	0.00114406	0.490711	-2.03786	0.00223839	1.89117	1.89117	0.107803	1.29855	1.29855	0.182734	1.23429	1.23429	0.284543	0.847472	-1.17998
cg22322679	B3GALT4;RPS18	0.0049155	0.00153757	0.227596	-4.39374	0.0394204	2.16818	2.16818	0.00625304	3.18128	3.18128	0.223892	1.51438	1.51438	0.0417795	0.466657	-2.1429
cg10426422	B3GALT4;RPS18	0.0183099	0.000540055	0.326844	-3.05957	0.407251	0.838459	-1.19266	0.168826	0.737343	-1.35622	0.667045	1.09412	1.09412	0.162046	0.733241	-1.36381
cg26709720	B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5	0.00203427	0.30613	0.800029	-1.24995	0.0635055	1.55169	1.55169	0.0773886	1.51194	1.51194	0.0147543	0.531602	-1.88111	9.21E-05	0.229854	-4.35059
cg25734539	B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5	0.00785949	0.357592	0.75489	-1.3247	0.343367	0.748181	-1.33657	0.257705	0.70396	-1.42054	0.748501	0.908823	-1.10032	8.61E-05	0.123071	-8.12538
cg08795360	B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5	0.0365425	0.354286	0.884874	-1.13011	0.931194	0.988978	-1.01114	0.476422	1.09738	1.09738	0.163397	1.21035	1.21035	0.0144283	1.47251	1.47251
cg11479877	B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5	0.015179	0.406168	0.862033	-1.16005	0.0297371	0.639584	-1.56352	0.386378	0.856306	-1.16781	0.439097	1.14782	1.14782	0.000787437	0.412079	-2.42672
cg25920512	B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5	6.69E-05	0.0483562	0.793268	-1.26061	0.870244	0.983356	-1.01693	0.0121171	0.725367	-1.37861	0.0561702	0.80088	-1.24863	6.28E-07	0.246258	-4.06079
cg26286098	B3GALTL	0.000722546	0.918461	1.02077	1.02077	8.14E-05	0.240156	-4.16397	0.52182	1.13922	1.13922	0.469813	0.862752	-1.15908	0.000255311	0.298401	-3.3512
cg06770877	B3GALTL	0.00112406	0.161921	0.688798	-1.4518	0.00603814	0.40847	-2.44816	0.000389411	0.243719	-4.10308	0.00721173	0.420784	-2.37652	0.300809	0.765188	-1.30687
cg16522684	B3GALTL	0.00178431	0.00440105	0.720437	-1.38805	0.02919	1.24811	1.24811	0.0798391	1.1825	1.1825	0.135858	0.87057	-1.14867	0.0283171	1.25015	1.25015
cg01558215	B3GALTL	0.00339854	0.00378986	0.270828	-3.69237	0.425434	0.761691	-1.31287	0.000574195	0.168186	-5.9458	0.109345	0.55772	-1.79301	0.144191	0.591735	-1.68994
cg05706719	B3GALTL	0.0185716	0.0300843	0.329304	-3.0367	0.00872309	0.233388	-4.28472	0.00945638	0.238837	-4.18696	0.0905396	0.443959	-2.25246	0.0159911	0.27687	-3.6118
cg01734284	B3GALTL	0.0211352	0.98691	1.00441	1.00441	0.0496416	0.548151	-1.82432	0.000510833	0.232975	-4.2923	0.704498	0.90277	-1.1077	0.0684561	0.578349	-1.72906
cg07005067	B3GALTL	0.0225259	0.0920589	0.336006	-2.97614	0.00247402	0.0841947	-11.8772	0.0336288	0.232366	-4.30356	0.960093	1.02986	1.02986	0.00956683	0.145198	-6.88715
cg14714578	B3GALTL	0.031124	0.882232	0.928734	-1.07673	0.299772	1.70908	1.70908	0.0594635	2.88937	2.88937	0.341252	0.61317	-1.63087	0.300748	0.585788	-1.7071
cg21418052	B3GALTL	0.0380497	0.715025	1.17477	1.17477	0.00166623	7.20975	7.20975	0.224215	0.570737	-1.75212	0.479297	1.3715	1.3715	0.025053	3.22474	3.22474
cg13892474	B3GALTL	0.0386358	0.177632	0.784811	-1.27419	0.164137	1.28543	1.28543	0.0698569	1.40898	1.40898	0.034481	0.658962	-1.51754	0.261191	0.820214	-1.21919
cg25893434	B3GAT1;B3GAT1	0.000522296	0.643878	1.04127	1.04127	0.955867	0.995204	-1.00482	3.99E-05	0.505589	-1.97789	0.0160336	1.29182	1.29182	0.83626	0.982183	-1.01814
cg16635108	B3GAT1;B3GAT1	0.000540395	0.0750075	0.666435	-1.50052	0.00438725	2.17847	2.17847	0.159075	0.734891	-1.36075	0.00204089	0.410737	-2.43465	0.669535	0.915881	-1.09185
cg05166248	B3GAT1;B3GAT1	0.00190098	0.502137	0.864976	-1.1561	0.0504268	1.60776	1.60776	0.821887	0.953118	-1.04919	0.381488	1.21064	1.21064	4.64E-05	0.194495	-5.14152
cg06705925	B3GAT1;B3GAT1	0.00493893	0.00161881	2.25498	2.25498	0.0130038	1.7412	1.7412	0.147633	0.756118	-1.32254	0.237545	1.24939	1.24939	0.182335	0.775154	-1.29007
cg03940620	B3GAT1;B3GAT1	0.00517545	0.464924	0.874869	-1.14303	0.206044	1.27094	1.27094	0.027929	1.59502	1.59502	0.149966	0.75774	-1.31971	0.688361	0.930094	-1.07516
cg08539737	B3GAT1;B3GAT1	0.0146529	0.0645486	0.667084	-1.49906	0.527897	1.1328	1.1328	0.00261489	0.443681	-2.25387	0.0410833	0.631558	-1.58339	0.750734	1.06411	1.06411
cg24299740	B3GAT1;B3GAT1	0.0191909	0.778893	1.0608	1.0608	0.782339	0.943582	-1.05979	0.0201318	0.555551	-1.80001	0.000815519	0.347071	-2.88126	0.123	0.704424	-1.4196
cg05822345	B3GAT1;B3GAT1	0.019816	0.0203466	0.7775	-1.28617	0.00657716	0.727884	-1.37385	0.644993	0.959108	-1.04264	0.417194	0.928099	-1.07747	0.809636	1.02196	1.02196
cg03010383	B3GAT1;B3GAT1	0.0465764	0.436916	1.26424	1.26424	0.0482596	1.94899	1.94899	0.0112534	0.391098	-2.5569	0.652535	1.14339	1.14339	0.0467758	1.9602	1.9602
cg10766373	B3GAT2	0.000101544	0.11677	1.38188	1.38188	0.000416073	0.321856	-3.10697	3.38E-06	0.0922679	-10.838	0.012237	0.545606	-1.83282	0.0139542	0.555109	-1.80145
cg12306213	B3GAT2	0.000344267	0.0889502	0.841584	-1.18824	0.716523	0.967031	-1.03409	1.10E-05	2.36522	2.36522	0.97462	0.99708	-1.00293	0.790028	0.975764	-1.02484
cg19015589	B3GAT2	0.0026373	0.0232484	0.481624	-2.07631	0.0118871	0.429262	-2.32958	0.00792731	0.399684	-2.50198	0.354611	1.2924	1.2924	0.00433285	0.358089	-2.79261
cg03849133	B3GAT2	0.0125245	0.0941206	0.608814	-1.64254	0.986744	0.995531	-1.00449	0.00240846	0.31991	-3.12588	0.505661	0.833523	-1.19973	0.735105	0.912505	-1.09588
cg22280995	B3GAT2	0.0183766	0.106242	0.687662	-1.4542	0.502328	0.865438	-1.15548	0.501428	0.865167	-1.15585	0.111859	1.44415	1.44415	0.00109719	0.359907	-2.7785
cg19273746	B3GAT2	0.019616	0.622841	1.05799	1.05799	0.0383369	1.31377	1.31377	0.156161	1.18827	1.18827	0.996366	0.999482	-1.00052	0.63569	0.947184	-1.05576
cg18868483	B3GAT2	0.0280099	0.0432598	1.42714	1.42714	0.388001	1.14494	1.14494	0.378499	1.14823	1.14823	0.714709	1.05777	1.05777	0.00550143	1.74773	1.74773
cg08687137	B3GAT3	0.0123883	0.326565	0.892436	-1.12053	0.0402087	1.30517	1.30517	0.323112	1.1215	1.1215	0.507875	0.927301	-1.0784	0.0557888	0.783896	-1.27568
cg20066750	B3GAT3	0.0159336	0.51496	0.713652	-1.40124	0.0667187	2.85874	2.85874	0.179048	2.07367	2.07367	0.0379538	3.41943	3.41943	0.120663	0.423156	-2.3632
cg22974215	B3GAT3	0.0364267	0.114516	0.754001	-1.32626	0.0606934	1.41603	1.41603	0.300151	1.19318	1.19318	0.00379019	1.90117	1.90117	0.235311	1.22704	1.22704
cg10839997	B3GNT1	0.00373264	0.0301824	2.4871	2.4871	0.00712114	3.46428	3.46428	0.143195	1.75481	1.75481	0.134413	1.78058	1.78058	0.016257	0.349777	-2.85896
cg21027713	B3GNT1;B3GNT1	0.00754147	0.395757	1.2358	1.2358	0.113911	1.51995	1.51995	0.273855	0.75791	-1.31942	0.000249128	0.229543	-4.35649	0.810075	0.943073	-1.06036
cg12052203	B3GNT1;B3GNT1	0.0100288	0.00455601	4.5265	4.5265	0.51107	0.766145	-1.30524	0.224319	0.600424	-1.66549	0.116315	0.505599	-1.97785	0.0749578	0.452689	-2.20902
cg07131742	B3GNT1;BRMS1;BRMS1	0.00925417	0.0757819	0.582899	-1.71556	0.00503474	2.75432	2.75432	0.00203752	3.27932	3.27932	0.473579	1.22025	1.22025	0.0652513	0.568239	-1.75982
cg18110965	B3GNT2	0.00140231	0.595506	1.04747	1.04747	0.00915997	1.33172	1.33172	0.0027532	1.42986	1.42986	0.0595894	1.20205	1.20205	0.000318495	0.603795	-1.65619
cg04102600	B3GNT2	0.00147347	0.0348462	0.586956	-1.7037	0.000137266	0.239633	-4.17305	0.00302648	0.414635	-2.41176	0.00945441	0.490422	-2.03906	0.346504	1.23369	1.23369
cg04733382	B3GNT2	0.00190756	0.177764	0.898254	-1.11327	0.0274567	0.822496	-1.21581	0.000139539	1.6371	1.6371	0.0467587	0.843179	-1.18599	0.0578283	0.851556	-1.17432
cg27343123	B3GNT2	0.0174413	0.0375155	1.37596	1.37596	0.075507	0.769786	-1.29906	0.853446	1.02475	1.02475	0.25389	1.17064	1.17064	0.202434	0.836981	-1.19477
cg18206867	B3GNT2	0.0262589	0.0170022	3.92291	3.92291	0.00906491	4.74735	4.74735	0.310214	1.63747	1.63747	0.260143	1.7361	1.7361	0.0261829	3.45181	3.45181
cg09283396	B3GNT2;B3GNT2	0.000129716	0.136954	0.916264	-1.09139	0.00286147	1.25107	1.25107	2.46E-05	1.58092	1.58092	0.00163488	0.781715	-1.27924	0.814365	0.987243	-1.01292
cg08263398	B3GNT3	0.000152505	1.61E-05	0.107153	-9.33249	0.000269625	0.222923	-4.48585	0.448164	1.21431	1.21431	0.000214407	0.21171	-4.72344	0.000271379	0.223245	-4.47938
cg16744531	B3GNT3	0.000475542	0.139767	0.455093	-2.19735	0.00715072	0.178904	-5.58959	0.37477	0.636759	-1.57045	0.0125088	0.214525	-4.66146	7.18E-05	0.0277755	-36.003
cg00590063	B3GNT3	0.000528341	0.000315215	0.0356157	-28.0775	0.0001199	0.0214638	-46.5901	0.000744035	0.0536705	-18.6322	0.0370571	0.250786	-3.98746	0.0010132	0.0616949	-16.2088
cg15456115	B3GNT3	0.000934496	0.00116838	0.13758	-7.26851	0.00148894	0.14855	-6.73175	0.00248338	0.173744	-5.75559	0.0172217	0.298825	-3.34644	0.00099774	0.130756	-7.64781
cg08504942	B3GNT3	0.0039863	0.025761	0.35338	-2.82981	0.0140271	0.30377	-3.29196	0.00442984	0.224973	-4.44498	0.0490659	0.413717	-2.41711	0.00132321	0.159659	-6.26337
cg15094353	B3GNT3	0.00480008	0.0276554	0.333503	-2.99847	0.00265232	0.173155	-5.77516	0.00574069	0.217168	-4.60472	0.0638691	0.415408	-2.40727	0.0223885	0.315369	-3.17088
cg03029296	B3GNT3	0.00578093	0.587992	1.23914	1.23914	0.0023461	0.189284	-5.28306	0.00329993	0.208239	-4.80219	0.00593406	0.243995	-4.09844	0.0125139	0.295874	-3.37982
cg21960279	B3GNT3	0.00583605	0.328927	0.748391	-1.3362	0.0252379	0.46515	-2.14985	0.0835605	0.576429	-1.73482	0.0199771	0.445873	-2.24279	0.00514883	0.345513	-2.89425
cg23771661	B3GNT3	0.0196648	0.0147163	0.179454	-5.57247	0.0434648	0.264861	-3.77557	0.156692	0.420324	-2.37912	0.0670122	0.308928	-3.237	0.00498236	0.11923	-8.38712
cg06514344	B3GNT3	0.0249203	0.0604403	0.761509	-1.31318	0.412804	0.897856	-1.11376	0.108947	1.25226	1.25226	0.223932	0.848396	-1.17869	0.921517	0.987399	-1.01276
cg16024904	B3GNT3	0.0257069	0.0906955	0.419721	-2.38254	0.0282078	0.299093	-3.34345	0.0785156	0.40242	-2.48497	0.0368327	0.323188	-3.09418	0.0102464	0.221476	-4.51516
cg10831285	B3GNT3	0.0403269	0.0149895	0.167394	-5.97394	0.00849702	0.134316	-7.44515	0.248598	0.486358	-2.0561	0.669296	0.77353	-1.29277	0.099214	0.339539	-2.94517
cg18552482	B3GNT4	0.0228067	0.00858724	0.236374	-4.23058	0.0497465	0.381719	-2.61973	0.392602	1.45768	1.45768	0.974392	0.986283	-1.01391	0.228276	0.580354	-1.72309
cg11970289	B3GNT4	0.0266954	0.27421	0.803434	-1.24466	0.0673045	1.4835	1.4835	0.0161764	1.76109	1.76109	0.00377826	2.12064	2.12064	0.438446	1.16419	1.16419
cg01974921	B3GNT6	0.000162344	0.845788	0.971412	-1.02943	0.284058	0.847245	-1.1803	0.0688809	0.738413	-1.35426	0.997161	0.99947	-1.00053	4.75E-06	0.21014	-4.75874
cg09467902	B3GNT6	0.00025465	0.000206339	0.283357	-3.52911	0.00198219	0.412131	-2.42641	0.474761	0.862882	-1.15891	0.417094	0.845135	-1.18324	1.33E-05	0.15713	-6.36418
cg16798348	B3GNT6	0.00140672	0.0351903	2.01248	2.01248	0.000319286	5.26441	5.26441	0.0267812	2.11266	2.11266	0.772409	0.920655	-1.08618	0.007077	2.69694	2.69694
cg04058752	B3GNT6	0.00336442	0.00654342	5.20272	5.20272	0.00767561	4.95058	4.95058	0.0322254	3.22488	3.22488	0.120098	2.19718	2.19718	0.00375364	6.21177	6.21177
cg00721016	B3GNT6	0.00978408	0.00891816	0.447286	-2.23571	0.120701	0.665664	-1.50226	0.000902845	0.30092	-3.32314	0.300406	0.771447	-1.29626	0.0265359	0.529485	-1.88863
cg06085657	B3GNT6	0.0103794	0.0524628	0.308041	-3.24632	0.00462715	0.133743	-7.477	0.0051978	0.139543	-7.16625	0.190958	0.4774	-2.09468	0.00630143	0.149591	-6.68491
cg13526644	B3GNT6	0.0111398	0.151705	1.24976	1.24976	0.207981	1.21254	1.21254	0.606675	0.927388	-1.0783	0.264961	0.844809	-1.1837	0.379503	0.877333	-1.13982
cg09933401	B3GNT6	0.0113577	0.00111819	0.420521	-2.378	0.922278	0.982541	-1.01777	0.408094	1.165	1.165	0.353025	0.841575	-1.18825	0.00926557	1.81482	1.81482
cg20034202	B3GNT7	0.000110028	0.0251582	0.470086	-2.12727	0.146399	1.55568	1.55568	0.388437	0.778366	-1.28474	0.0665379	0.558101	-1.79179	0.211654	0.688678	-1.45206
cg12162377	B3GNT7	0.00022157	0.0655359	0.493408	-2.02672	0.0267975	2.45126	2.45126	0.326906	0.707576	-1.41328	0.356543	0.723179	-1.38278	0.391154	0.740603	-1.35025
cg09339159	B3GNT7	0.000502331	0.427185	1.63022	1.63022	0.0197622	5.45698	5.45698	0.0532003	3.75889	3.75889	0.343373	0.5552	-1.80115	0.184056	0.42764	-2.33842
cg06745030	B3GNT7	0.00155036	0.036771	0.347941	-2.87405	0.458749	1.38862	1.38862	0.53147	0.758934	-1.31764	0.161671	0.521863	-1.91621	0.167318	0.526991	-1.89756
cg17016266	B3GNT7	0.00253852	0.00344707	0.222614	-4.49208	0.085311	0.487003	-2.05338	0.0190901	0.341994	-2.92403	0.215788	0.610954	-1.63679	0.319528	0.677683	-1.47562
cg26146617	B3GNT7	0.00272148	0.930327	0.937413	-1.06677	0.043372	5.56855	5.56855	0.185934	2.81932	2.81932	0.990099	1.00921	1.00921	0.919897	1.07718	1.07718
cg05835018	B3GNT7	0.00545329	0.716351	0.86544	-1.15548	0.0265244	2.83353	2.83353	0.102273	2.03033	2.03033	0.639127	0.8294	-1.20569	0.850593	0.928038	-1.07754
cg20954977	B3GNT7	0.00619351	0.0125647	0.218544	-4.57575	0.158042	0.477375	-2.09479	0.0446658	0.323239	-3.09369	0.0513806	0.337308	-2.96465	0.15489	0.474316	-2.1083
cg13952656	B3GNT7	0.00717776	0.713063	1.24116	1.24116	0.0640823	3.37752	3.37752	0.193412	2.23664	2.23664	0.929495	0.949554	-1.05313	0.58519	0.724416	-1.38042
cg08202287	B3GNT7	0.0325422	0.0040265	0.313874	-3.186	0.586747	1.17893	1.17893	0.253144	0.699103	-1.4304	0.7795	0.919267	-1.08782	0.034182	0.47653	-2.09851
cg09235217	B3GNT7	0.0343718	0.565429	0.889867	-1.12376	0.260662	1.26566	1.26566	0.116832	1.40795	1.40795	0.689347	1.08404	1.08404	0.176231	1.33475	1.33475
cg00498024	B3GNT8	0.00126359	0.00198038	0.494551	-2.02204	0.000271058	2.61707	2.61707	0.02095	1.56463	1.56463	0.452591	0.883996	-1.13123	0.0116676	0.601764	-1.66178
cg16849024	B3GNT8	0.0104838	0.00662168	0.327067	-3.05748	0.0756633	1.87191	1.87191	0.357901	1.34956	1.34956	0.0572484	0.505595	-1.97787	0.015965	0.392393	-2.54847
cg07692288	B3GNT8	0.0150158	0.359991	1.13499	1.13499	0.0208659	1.45369	1.45369	0.799129	1.0349	1.0349	0.16911	1.21787	1.21787	0.34923	1.13843	1.13843
cg07366300	B3GNT8	0.0162802	0.00518363	0.249404	-4.00956	0.465341	1.32263	1.32263	?	?	?	0.0488789	0.428945	-2.3313	0.00473039	0.243606	-4.10499
cg03218837	B3GNT8	0.0327654	0.703901	0.893576	-1.1191	0.00172549	0.267775	-3.73449	0.14225	0.628206	-1.59184	0.629197	1.15417	1.15417	0.0124162	0.399732	-2.50167
cg26296574	B3GNT8	0.0487715	0.760359	0.958328	-1.04348	0.0053747	1.66528	1.66528	0.908358	0.984106	-1.01615	0.118206	0.789767	-1.2662	0.0541908	0.737843	-1.3553
cg05333146	B3GNT9	0.00652872	0.00391269	5.98633	5.98633	0.010899	4.36109	4.36109	0.0187378	3.71586	3.71586	0.0309901	3.21222	3.21222	0.00396597	5.96047	5.96047
cg06889547	B3GNT9	0.00918726	0.13451	1.81885	1.81885	0.113669	0.528301	-1.89286	0.0185377	2.88222	2.88222	0.22766	1.59916	1.59916	0.221765	1.60977	1.60977
cg01808947	B3GNTL1	2.94E-08	1.10E-05	0.607009	-1.64742	0.000571215	1.32886	1.32886	0.000978116	0.770009	-1.29869	0.926922	0.995122	-1.0049	2.08E-09	0.221793	-4.5087
cg19046167	B3GNTL1	2.09E-06	0.212008	1.21773	1.21773	0.369674	1.14802	1.14802	2.33E-07	0.0978241	-10.2224	0.27155	0.842399	-1.18709	1.02E-06	0.146592	-6.82163
cg06456958	B3GNTL1	2.76E-06	0.363767	1.15849	1.15849	0.270286	1.19833	1.19833	6.73E-08	0.05691	-17.5716	0.973336	0.994746	-1.00528	0.0491488	0.701894	-1.42472
cg17867848	B3GNTL1	4.11E-06	0.00893762	0.545871	-1.83193	0.00528115	0.51203	-1.95301	9.71E-06	0.176788	-5.65649	0.640312	0.917905	-1.08944	2.64E-07	0.0621489	-16.0904
cg26965012	B3GNTL1	4.33E-05	0.296221	0.828274	-1.20733	0.000453824	0.382428	-2.61487	0.416173	0.865404	-1.15553	0.65116	0.923874	-1.0824	4.68E-07	0.0849026	-11.7782
cg01139100	B3GNTL1	4.50E-05	0.336049	0.843004	-1.18623	0.390443	0.85941	-1.16359	0.0243949	0.630148	-1.58693	0.727343	0.941515	-1.06212	0.00120135	0.441826	-2.26333
cg25428213	B3GNTL1	0.000146777	0.232012	1.27917	1.27917	0.0597394	0.658818	-1.51787	5.91E-06	0.135619	-7.37358	0.249632	1.2666	1.2666	0.00203651	0.425595	-2.34965
cg14524754	B3GNTL1	0.000159304	1.38E-05	0.210149	-4.75854	0.815966	0.960743	-1.04086	0.0004069	0.380964	-2.62492	0.704293	0.936598	-1.06769	7.48E-05	0.290757	-3.4393
cg10300252	B3GNTL1	0.000178612	0.0842389	0.770905	-1.29718	0.00772238	0.627413	-1.59385	0.000163212	0.416421	-2.40142	0.112386	0.790229	-1.26546	7.88E-06	0.263584	-3.79386
cg22362148	B3GNTL1	0.000244471	0.291001	0.823967	-1.21364	0.00584966	0.528583	-1.89185	1.21E-05	0.195351	-5.11898	0.638833	1.08712	1.08712	0.000109123	0.299896	-3.33449
cg17155978	B3GNTL1	0.00025154	0.550347	1.05948	1.05948	0.000872493	0.620384	-1.61191	0.63146	0.954843	-1.04729	6.24E-05	0.49395	-2.0245	0.0405139	1.25382	1.25382
cg14231270	B3GNTL1	0.00027891	0.346459	0.873582	-1.14471	0.0556154	1.35304	1.35304	0.518291	1.09559	1.09559	0.0685114	1.3288	1.3288	4.92E-05	0.345418	-2.89504
cg10039047	B3GNTL1	0.000340711	0.0240288	0.621431	-1.60919	0.000587155	0.391098	-2.5569	0.000590422	0.391412	-2.55485	0.0215535	0.613964	-1.62876	2.11E-05	0.219959	-4.54631
cg13916177	B3GNTL1	0.000353468	0.35401	0.77499	-1.29034	0.804382	0.935815	-1.06859	0.000110145	0.162112	-6.16856	0.0582794	1.77186	1.77186	9.63E-05	0.156514	-6.38919
cg10115918	B3GNTL1	0.000397315	0.00432025	0.405015	-2.46905	0.00493444	0.413867	-2.41623	0.0229806	0.52499	-1.9048	0.0283795	0.541706	-1.84602	1.13E-05	0.109624	-9.12207
cg15326656	B3GNTL1	0.00117604	5.29E-05	0.250387	-3.99382	0.770505	1.05512	1.05512	0.000246923	0.329413	-3.0357	0.720275	0.936166	-1.06819	0.0334806	0.633982	-1.57733
cg04867891	B3GNTL1	0.00127661	0.00883036	0.329891	-3.0313	0.00733219	0.316667	-3.15789	0.00196884	0.233396	-4.28456	0.0528432	2.07944	2.07944	0.000300528	0.141442	-7.07005
cg06911187	B3GNTL1	0.00128178	0.568517	1.1057	1.1057	0.0201591	1.62997	1.62997	0.332007	1.19063	1.19063	0.672392	0.92853	-1.07697	0.000492867	0.386238	-2.58908
cg10344477	B3GNTL1	0.00164581	0.122562	0.520499	-1.92123	0.296424	0.655416	-1.52575	0.0100312	0.281297	-3.55496	0.00102715	0.149766	-6.67707	0.000861052	0.141898	-7.0473
cg08294336	B3GNTL1	0.00185036	0.0129429	0.419952	-2.38122	0.00383146	0.334096	-2.99315	0.00076336	0.238309	-4.19624	0.299103	0.738838	-1.35348	0.00899866	0.392939	-2.54492
cg02283787	B3GNTL1	0.00201182	0.127697	0.763636	-1.30952	6.20E-05	3.34957	3.34957	0.501923	1.11805	1.11805	0.0725262	1.3883	1.3883	0.0124528	1.66391	1.66391

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25635352	0.527755	1.08904	1.08904	0.000925608	0.517084	-1.93392	0.571953	0.926678	-1.07912	0.00980565	1.54547	1.54547	5.27383	1.48486	0.250269	1
cg23730617	0.227846	0.528378	-1.89258	0.0118058	0.20503	-4.87733	0.116003	2.36534	2.36534	0.745126	1.17867	1.17867	5.03357	20.2476	3.57558	1
cg21146905	0.797342	1.05233	1.05233	0.148672	1.35939	1.35939	0.197947	1.3096	1.3096	0.0437994	1.583	1.583	3.7739	2.34833	0.553117	1
cg02782510	0.230671	0.608032	-1.64465	0.669288	1.18531	1.18531	0.483527	1.32543	1.32543	0.0611823	0.433991	-2.3042	3.73808	9.26839	2.20396	1
cg07836225	0.00597607	0.32365	-3.08976	0.000771473	0.202278	-4.9437	0.000260961	0.151868	-6.58468	0.00631703	0.327467	-3.05375	13.7988	21.5355	1.38727	1
cg02633690	0.516942	0.809368	-1.23553	0.106428	1.81624	1.81624	0.00126837	0.138212	-7.23524	0.0473721	0.452166	-2.21158	15.0518	22.2612	0.821649	1
cg10541361	0.226194	0.844637	-1.18394	0.00260621	0.574586	-1.74038	0.0629292	1.32046	1.32046	0.234137	1.18024	1.18024	4.1411	1.15785	0.248532	1
cg25409618	0.678911	0.87497	-1.1429	0.000560908	0.1797	-5.56482	0.46469	1.26969	1.26969	0.25961	0.685681	-1.4584	4.95754	8.08383	1.44943	1
cg26050004	0.0259576	0.680262	-1.47002	0.0194755	0.662565	-1.50929	0.117875	1.28083	1.28083	0.509883	0.90716	-1.10234	3.3924	1.14144	0.299084	1
cg18015625	0.00102054	1.6162	1.6162	0.0021205	1.53078	1.53078	0.0669268	0.81673	-1.2244	0.0982542	0.836313	-1.19572	14.5312	2.23608	0.136783	1
cg00347071	0.0111506	0.590795	-1.69264	0.000612687	2.39407	2.39407	0.0209693	1.58326	1.58326	0.550045	0.904798	-1.10522	9.84877	4.26897	0.385291	1
ch.2.3405933F	0.958425	1.02611	1.02611	0.0445553	0.31971	-3.12783	0.628362	0.785739	-1.27269	0.669783	1.23624	1.23624	9.45551	36.6003	3.44071	1
cg23269346	0.70986	1.15001	1.15001	0.0594805	2.21577	2.21577	0.521851	0.784427	-1.27482	0.286112	1.51334	1.51334	3.87588	8.58681	1.96929	1
cg00725635	0.951528	0.992339	-1.00772	0.00109426	0.543728	-1.83915	0.0130485	0.677324	-1.4764	0.34101	0.883264	-1.13216	4.05959	1.02902	0.225313	1
cg20530204	0.832766	1.11809	1.11809	0.34704	0.599808	-1.6672	0.692248	1.23369	1.23369	0.663281	1.26018	1.26018	5.21975	23.037	3.92304	1
cg22878489	0.810343	1.15135	1.15135	0.0457033	3.83012	3.83012	0.0101884	6.68104	6.68104	0.24028	2.05592	2.05592	4.53561	24.6842	4.83762	1
cg17103217	0.665721	1.16253	1.16253	0.0671238	2.03599	2.03599	0.0127916	2.9197	2.9197	0.180775	1.63619	1.63619	4.17887	7.94536	1.69006	1
cg03127244	0.54618	1.28953	1.28953	0.0267967	2.98086	2.98086	0.206624	1.74117	1.74117	0.750019	0.875391	-1.14235	3.87617	10.6411	2.44023	1
cg23950233	0.680881	1.35152	1.35152	0.335311	2.06216	2.06216	0.00391382	16.9244	16.9244	0.212527	2.60247	2.60247	3.70746	31.1573	7.47017	1
cg03721978	0.479894	1.27396	1.27396	0.0273218	2.41178	2.41178	0.0163499	2.69013	2.69013	0.182941	1.61034	1.61034	3.51402	6.32604	1.6002	1
cg03702686	0.0455843	0.552972	-1.80841	0.00845449	0.419399	-2.38437	0.500075	0.83786	-1.19352	0.00991564	0.430894	-2.32075	15.3464	16.2327	0.940226	1
cg26912426	0.937313	0.987783	-1.01237	0.0530151	1.41002	1.41002	0.142373	0.781571	-1.27947	0.00858515	0.592225	-1.68855	8.46922	3.27579	0.343812	1
cg21986677	0.659828	0.936186	-1.06816	0.804693	1.03757	1.03757	0.0114455	1.60172	1.60172	0.15592	0.797718	-1.25358	7.82913	2.74811	0.31201	1
cg22322679	0.0484496	0.480809	-2.07983	0.14003	0.597092	-1.67478	0.239797	0.670469	-1.49149	0.107451	0.565169	-1.76938	7.37686	12.3248	1.4851	1
cg10426422	0.55639	0.883694	-1.13161	0.0214666	0.563169	-1.77566	0.369075	0.825534	-1.21134	0.0210881	0.561858	-1.77981	4.8472	3.31595	0.608085	1
cg26709720	0.00730923	0.482732	-2.07154	0.94402	0.985322	-1.0149	0.473905	0.857819	-1.16575	0.770607	1.0635	1.0635	9.59427	6.7372	0.624187	1
cg25734539	0.250513	0.699866	-1.42885	0.911316	1.03367	1.03367	0.0517283	0.517886	-1.93093	0.188965	0.661254	-1.51228	6.3796	8.92476	1.24351	1
cg08795360	0.00953471	1.52408	1.52408	0.0145687	1.47134	1.47134	0.415568	0.898705	-1.11271	0.587511	0.93212	-1.07282	3.80708	0.993189	0.231893	1
cg11479877	0.0548092	1.46303	1.46303	0.695714	1.07108	1.07108	0.109003	0.736868	-1.3571	0.27843	0.821281	-1.21761	5.1604	2.49444	0.429672	1
cg25920512	0.526056	1.06818	1.06818	0.790093	1.02777	1.02777	0.883255	0.985028	-1.0152	0.00474699	0.680445	-1.46963	24.645	4.11406	0.148384	1
cg26286098	0.185778	1.32534	1.32534	0.00145287	0.397124	-2.5181	0.337666	1.2195	1.2195	0.245409	0.783548	-1.27625	12.8958	8.23235	0.567443	1
cg06770877	0.00137553	0.31393	-3.18542	0.0013152	0.311274	-3.2126	0.0114524	0.453932	-2.20297	0.000253413	0.221951	-4.5055	11.382	11.2331	0.877262	1
cg16522684	0.0357011	1.23467	1.23467	0.00215232	0.689641	-1.45003	0.0138581	0.769316	-1.29986	0.0196715	1.27508	1.27508	9.96706	1.17405	0.104705	1
cg01558215	0.744198	1.11573	1.11573	0.000625808	0.172194	-5.8074	0.628384	1.17718	1.17718	0.0150487	0.368103	-2.71663	8.24603	14.6086	1.57475	1
cg05706719	0.0116507	0.253397	-3.94637	0.0188729	0.28986	-3.44994	0.299312	0.626016	-1.5974	0.0145188	0.269527	-3.7102	4.82407	14.4852	2.66906	1
cg01734284	0.74497	0.916109	-1.09157	0.322022	1.31605	1.31605	0.812034	1.06604	1.06604	0.439353	0.809188	-1.23581	4.6169	5.26957	1.01455	1
cg07005067	0.0521429	0.272767	-3.66614	0.0136403	0.166228	-6.01583	0.142995	0.396213	-2.5239	0.262569	0.503095	-1.9877	4.51714	24.7442	4.8692	1
cg14714578	?	?	?	0.00482691	6.45384	6.45384	0.0518723	3.01426	3.01426	0.0318881	3.50507	3.50507	4.10097	14.3613	3.50193	1
cg21418052	0.413688	1.44349	1.44349	0.286156	1.62669	1.62669	0.0921276	2.25776	2.25776	0.223786	1.75312	1.75312	3.75134	11.4633	2.71626	1
cg13892474	0.0429796	0.674408	-1.48278	0.547912	1.10832	1.10832	0.0320584	1.52923	1.52923	0.501583	1.12228	1.12228	3.7304	1.69014	0.40273	1
cg25893434	0.204103	1.12347	1.12347	0.000337016	1.65211	1.65211	0.683202	0.964985	-1.03629	0.241841	0.899051	-1.11228	14.1185	1.68729	0.10623	1
cg16635108	0.633262	1.10339	1.10339	2.93E-05	0.186945	-5.34918	0.933623	1.0172	1.0172	0.0546532	1.56227	1.56227	13.9855	9.27852	0.589724	1
cg05166248	0.858241	0.962642	-1.03881	0.0290556	1.72959	1.72959	0.582103	0.888376	-1.12565	0.153379	1.38481	1.38481	9.78545	7.02832	0.638437	1
cg06705925	0.054826	0.675773	-1.47979	0.0592	0.681598	-1.46714	0.00701597	1.87256	1.87256	0.425877	1.15756	1.15756	7.36617	3.7777	0.455862	1
cg03940620	0.539071	0.894243	-1.11826	0.0345934	0.642181	-1.55719	0.000246012	0.336672	-2.97025	0.130111	1.34162	1.34162	7.26166	3.71571	0.454834	1
cg08539737	0.183231	1.31697	1.31697	0.0362615	1.60753	1.60753	0.733977	0.935656	-1.06877	0.031012	0.610368	-1.63836	5.22092	3.14341	0.535182	1
cg24299740	0.883662	1.03118	1.03118	0.302642	1.25095	1.25095	0.325585	1.23719	1.23719	0.176536	0.739883	-1.35156	4.7709	3.32227	0.618988	1
cg05822345	0.0389958	1.23991	1.23991	0.0389731	1.23995	1.23995	0.527993	0.944083	-1.05923	0.113178	1.16783	1.16783	4.71936	0.605364	0.11402	1
cg03010383	0.403789	1.28735	1.28735	0.0316438	2.10624	2.10624	0.38902	1.29823	1.29823	0.39828	1.29136	1.29136	3.48026	4.81813	1.23059	1
cg10766373	0.000633441	0.347521	-2.87752	0.165384	1.32315	1.32315	0.00145365	0.400129	-2.49919	0.0140729	0.555725	-1.79945	28.8544	15.7069	0.423382	1
cg12306213	0.106286	0.850313	-1.17604	0.000954136	0.635989	-1.57235	0.298074	0.905594	-1.10425	0.440699	1.07496	1.07496	15.841	2.12038	0.118982	1
cg19015589	0.408986	1.2554	1.2554	0.000344508	0.211914	-4.7189	0.145106	1.52417	1.52417	0.854559	1.05066	1.05066	8.89085	10.2153	1.0213	1
cg03849133	0.396338	0.791215	-1.26388	0.00291289	0.331879	-3.01315	0.180854	1.46678	1.46678	0.0597116	1.77338	1.77338	5.49654	6.32829	1.0234	1
cg22280995	0.0930397	1.48028	1.48028	0.700755	0.921302	-1.08542	0.0545782	0.629464	-1.58865	0.16012	0.727193	-1.37515	4.84127	3.45482	0.634329	1
cg19273746	0.841134	0.977439	-1.02308	0.0058868	0.663803	-1.50647	0.249749	1.14657	1.14657	0.00437218	1.54162	1.54162	4.73562	0.969686	0.182013	1
cg18868483	0.0958963	1.32282	1.32282	0.0623483	0.725465	-1.37843	0.138937	0.783751	-1.27592	0.151349	0.790416	-1.26516	4.18726	1.55201	0.329467	1
cg08687137	0.420316	0.911644	-1.09692	0.0124541	0.705115	-1.41821	0.0242454	1.35229	1.35229	0.00767255	1.4696	1.4696	5.51613	1.10286	0.17772	1
cg20066750	0.272691	0.558044	-1.79197	0.00358712	0.133295	-7.50216	0.343842	1.6458	1.6458	0.0352594	0.285681	-3.50041	5.07801	20.9957	3.67523	1
cg22974215	0.559962	1.10182	1.10182	0.0579484	0.702864	-1.42275	0.787345	1.04548	1.04548	0.809289	0.961007	-1.04058	3.81148	1.63347	0.380947	1
cg10839997	0.0178753	0.357405	-2.79795	0.154176	0.579703	-1.72502	0.00403285	3.97735	3.97735	0.0251277	2.59117	2.59117	8.01763	16.2236	1.79866	1
cg21027713	0.639479	0.891499	-1.12171	?	?	?	0.542159	1.16208	1.16208	0.11594	1.5158	1.5158	6.59617	5.50306	0.834282	1
cg12052203	0.118102	1.97019	1.97019	0.00339644	4.91109	4.91109	0.908305	1.04712	1.04712	0.0477141	2.4715	2.4715	5.90519	14.9368	2.24839	1
cg07131742	0.112745	0.624078	-1.60236	0.298654	0.745126	-1.34205	0.455577	0.812576	-1.23065	0.734901	1.09726	1.09726	6.05854	7.15658	1.04999	1
cg18110965	0.0290333	0.800327	-1.24949	0.11862	0.863608	-1.15793	0.192893	1.12668	1.12668	0.105924	0.858251	-1.16516	10.6845	1.26783	0.105476	1
cg04102600	0.785169	0.942525	-1.06098	0.00240351	0.400087	-2.49946	0.00289364	0.411782	-2.42847	0.0232187	0.555548	-1.80002	10.5335	7.8295	0.660704	1
cg04733382	0.260816	0.915881	-1.09184	0.903568	0.99096	-1.00912	0.0166371	1.24494	1.24494	0.126904	0.883648	-1.13167	9.77562	0.869109	0.0790273	1
cg27343123	0.218987	1.18643	1.18643	0.0262931	0.705764	-1.4169	0.00372072	0.595612	-1.67895	0.279466	1.16031	1.16031	4.92701	1.36449	0.246169	1
cg18206867	0.210683	1.85787	1.85787	0.00294673	6.80359	6.80359	0.0291696	3.34398	3.34398	0.37347	1.53585	1.53585	4.28322	14.963	3.10525	1
cg09283396	0.0983818	0.905791	-1.10401	0.000179981	0.707426	-1.41358	0.516154	1.03659	1.03659	0.112	1.09907	1.09907	20.6488	0.974469	0.041949	1
cg08263398	0.0420635	0.55521	-1.80112	0.0518245	0.573581	-1.74343	0.234822	1.36725	1.36725	0.0283946	0.522103	-1.91533	19.7685	19.7563	0.88834	1
cg16744531	0.000965779	0.0876511	-11.4089	4.63E-05	0.0221473	-45.1523	0.383273	0.642124	-1.55733	0.498939	0.71171	-1.40507	14.4906	56.3372	3.45586	1
cg00590063	0.0716217	0.316898	-3.15559	0.000422004	0.0411002	-24.3308	0.0150743	0.181511	-5.50932	0.00587221	0.127489	-7.84382	14.0734	72.7428	4.59449	1
cg15456115	0.0475235	0.38931	-2.56865	0.000269325	0.0831363	-12.0284	0.000580291	0.10917	-9.16	0.0424268	0.378061	-2.64508	11.9945	32.9077	2.43872	1
cg08504942	0.719167	1.15239	1.15239	0.00060951	0.12561	-7.96114	0.557983	0.792365	-1.26204	0.0199928	0.331918	-3.0128	7.86062	19.2102	2.17232	1
cg15094353	0.089298	0.453754	-2.20384	0.000414536	0.0941617	-10.62	0.459528	1.37385	1.37385	0.0856085	0.448716	-2.22858	7.43047	20.9331	2.50417	1
cg03029296	0.748687	1.13429	1.13429	0.00291899	0.201274	-4.96835	0.548078	0.787997	-1.26904	0.235391	0.614161	-1.62824	7.0192	17.0834	2.16339	1
cg21960279	0.00840114	0.37971	-2.63359	0.000229325	0.171998	-5.81403	0.419605	0.788832	-1.2677	0.214536	0.686703	-1.45623	6.99871	9.17097	1.16478	1
cg23771661	0.0652509	0.306011	-3.26785	0.00287712	0.0957867	-10.4399	0.030391	0.233178	-4.28856	0.0795389	0.328418	-3.0449	4.73164	24.5315	4.6085	1
cg06514344	0.202477	1.18905	1.18905	0.00113824	0.54018	-1.85124	0.448376	0.90536	-1.10453	0.640662	1.06236	1.06236	4.36207	1.14398	0.233117	1
cg16024904	0.042225	0.336228	-2.97417	0.00381089	0.162439	-6.15617	0.0188921	0.265951	-3.7601	0.193624	0.526927	-1.8978	4.31512	14.8278	3.05443	1
cg10831285	0.279821	0.510958	-1.95711	0.00649353	0.120705	-8.28469	0.562306	1.41925	1.41925	0.445027	0.627937	-1.59252	3.6721	20.774	5.02867	1
cg18552482	0.586987	0.789779	-1.26618	0.00210096	0.155434	-6.43362	0.195456	0.554801	-1.80245	0.0252342	0.318224	-3.14244	4.49791	13.1891	2.60646	1
cg11970289	0.969836	1.0073	1.0073	0.0566868	0.660376	-1.51429	0.448032	1.16037	1.16037	0.415219	1.17374	1.17374	4.25857	2.49573	0.520932	1
cg01974921	0.176125	1.23891	1.23891	9.73E-05	0.356304	-2.80659	0.232836	1.20484	1.20484	0.653297	0.934869	-1.06967	19.4378	6.83018	0.312344	1
cg09467902	0.03092	0.598029	-1.67216	0.000208341	0.283863	-3.52283	0.0549896	0.643076	-1.55503	0.0822206	0.676623	-1.47793	17.2033	11.216	0.579525	1
cg16798348	0.00479573	2.9068	2.9068	0.000189803	6.011	6.011	0.00439971	2.95626	2.95626	0.157194	1.53918	1.53918	10.6748	13.739	1.14404	1
cg04058752	0.0163899	3.93353	3.93353	0.00864299	0.209532	-4.77254	0.00560902	5.46104	5.46104	0.066456	2.61394	2.61394	8.27092	28.5482	3.06812	1
cg00721016	0.00876111	0.446024	-2.24203	0.936001	0.980768	-1.01961	0.010304	0.457631	-2.18517	0.0383677	0.559763	-1.78647	5.95199	5.5121	0.823194	1
cg06085657	0.0202107	0.224133	-4.46163	0.0298644	0.255475	-3.91428	0.00313833	0.115763	-8.63834	0.0659238	0.332301	-3.00932	5.84054	26.3746	4.01402	1
cg13526644	0.034852	0.699773	-1.42903	0.000576378	2.16686	2.16686	0.0762656	1.33151	1.33151	0.520052	1.09928	1.09928	5.70924	1.90533	0.296647	1
cg09933401	0.508813	0.886062	-1.12859	0.0477314	1.50471	1.50471	0.347634	0.839847	-1.19069	0.262531	0.809898	-1.23472	5.67364	2.92717	0.458599	1
cg20034202	0.57343	0.851073	-1.17499	1.72E-06	29.8052	29.8052	0.0598178	0.54772	-1.82575	0.573486	0.851093	-1.17496	21.5813	27.464	1.13119	1
cg12162377	0.758243	1.11128	1.11128	2.87E-06	45.8605	45.8605	0.390721	0.74039	-1.35064	0.77868	1.10108	1.10108	17.8674	33.055	1.64446	1
cg09339159	0.891005	1.08616	1.08616	6.16E-06	444.931	444.931	0.514458	1.48961	1.48961	0.652631	0.76099	-1.31408	14.2721	82.1413	5.11589	1
cg06745030	0.633906	0.811569	-1.23218	3.40E-05	32.9012	32.9012	0.162243	0.522388	-1.91429	0.375076	0.672888	-1.48613	10.3804	31.1339	2.66605	1
cg17016266	0.185634	0.588109	-1.70037	0.000595468	7.42412	7.42412	0.00394517	0.23069	-4.33482	0.257457	0.639552	-1.5636	8.99148	20.372	2.01396	1
cg26146617	0.872596	1.12593	1.12593	2.77E-05	446.349	446.349	0.967626	0.97045	-1.03045	0.724254	1.29924	1.29924	8.80875	76.2047	7.68981	1
cg05835018	0.705745	1.1621	1.1621	8.36E-05	16.501	16.501	0.73239	0.872894	-1.14561	0.532043	1.2849	1.2849	7.14624	17.753	2.20821	1
cg20954977	0.0705326	0.371489	-2.69187	0.00238808	7.9569	7.9569	0.00607343	0.172851	-5.78534	0.0771608	0.381833	-2.61895	6.87143	26.1231	3.37929	1
cg13952656	0.986342	1.01006	1.01006	8.54E-05	62.0757	62.0757	0.419755	1.61962	1.61962	0.57378	1.39437	1.39437	6.56355	35.5652	4.81652	1
cg08202287	0.441149	0.790115	-1.26564	0.970396	1.01119	1.01119	0.00802494	0.361043	-2.76975	0.0375854	0.485047	-2.06166	3.96991	5.65564	1.26634	1
cg09235217	0.951945	1.01218	1.01218	0.000733872	2.80207	2.80207	0.0734506	1.49301	1.49301	0.487235	1.15228	1.15228	3.89253	2.48605	0.567708	1
cg00498024	0.699945	0.939505	-1.06439	0.0685907	0.720012	-1.38887	0.0277762	0.657632	-1.52061	0.472065	1.1251	1.1251	11.0082	4.52699	0.365546	1
cg16849024	0.0860044	0.547965	-1.82493	0.0389405	0.468645	-2.13381	0.00531871	0.312091	-3.20419	0.0503779	0.493024	-2.0283	5.82182	9.26983	1.41534	1
cg07692288	0.0144438	1.50015	1.50015	0.000623312	2.03011	2.03011	0.242861	0.848378	-1.17872	0.543021	1.08636	1.08636	5.17889	1.48471	0.254831	1
cg07366300	0.562595	0.802277	-1.24645	0.45943	0.753165	-1.32773	0.0304794	0.384053	-2.60381	0.0159624	0.329437	-3.03548	5.13636	10.241	1.99382	1
cg03218837	0.157448	0.640515	-1.56124	0.346557	1.33062	1.33062	0.35178	0.753985	-1.32629	0.552168	0.837582	-1.19391	3.96018	5.44657	1.22252	1
cg26296574	0.162444	1.2306	1.2306	0.115283	1.26901	1.26901	0.745387	1.04638	1.04638	0.931771	0.988156	-1.01199	3.42027	1.04866	0.272534	1
cg05333146	0.0110491	4.34328	4.34328	0.00479268	5.61253	5.61253	0.00506731	5.51491	5.51491	0.018871	3.70818	3.70818	6.76012	22.7329	2.98915	1
cg06889547	0.0703548	0.472431	-2.11671	0.00141001	0.180204	-5.54926	0.373137	0.712522	-1.40347	0.0746887	0.479007	-2.08765	6.07253	13.2178	1.93481	1
cg01808947	5.77E-09	0.266133	-3.75752	5.25E-06	0.576473	-1.73469	2.19E-05	0.634782	-1.57535	1.86E-05	0.628348	-1.59147	179.251	8.06496	0.0399934	1
cg19046167	1.88E-06	0.169818	-5.88867	0.000206328	0.394044	-2.53779	0.00952423	0.61136	-1.6357	0.265115	0.840283	-1.19007	60.7386	21.597	0.316064	1
cg06456958	2.48E-06	0.165592	-6.03893	0.0262262	1.51532	1.51532	0.0407195	0.689086	-1.4512	0.414701	0.876852	-1.14044	56.5265	22.2419	0.349757	1
cg17867848	0.000364386	0.353534	-2.82859	0.00680115	0.528173	-1.89332	5.98E-05	0.259008	-3.86088	1.57E-06	0.110192	-9.07511	51.0408	26.7842	0.466453	1
cg26965012	0.361178	0.849349	-1.17737	0.145623	1.31231	1.31231	0.131017	0.75304	-1.32795	0.0177092	0.605467	-1.65162	27.6579	13.2551	0.426002	1
cg01139100	5.23E-07	0.0901296	-11.0951	0.676329	1.07496	1.07496	0.0808296	0.716536	-1.3956	0.000519315	0.393779	-2.5395	27.3764	12.8522	0.417302	1
cg25428213	0.000197173	0.292585	-3.41781	0.0163399	0.561791	-1.78002	0.903472	0.97645	-1.02412	0.216925	1.29071	1.29071	19.9735	12.2051	0.543169	1
cg14524754	0.0563856	0.689963	-1.44935	0.000841589	0.422048	-2.3694	0.564885	1.10512	1.10512	0.0095293	0.568887	-1.75782	19.5372	9.13068	0.41542	1
cg10300252	0.826912	1.03028	1.03028	0.0313753	1.41045	1.41045	0.255563	0.850719	-1.17548	0.00222715	0.557937	-1.79232	18.9426	5.56632	0.261202	1
cg22362148	0.00136128	0.439765	-2.27394	0.433561	1.15166	1.15166	0.0935909	0.72191	-1.38521	0.0855928	0.714789	-1.39901	17.3956	8.60245	0.439571	1
cg17155978	0.0263203	1.28647	1.28647	0.000272451	1.76899	1.76899	0.21847	1.13174	1.13174	0.217454	0.883325	-1.13209	17.2611	2.49916	0.128699	1
cg14231270	0.423347	1.12075	1.12075	3.13E-05	0.322444	-3.10132	0.32729	0.868517	-1.15139	0.834513	0.971258	-1.02959	16.7813	5.1648	0.273574	1
cg10039047	0.000535702	0.385912	-2.59126	0.00886453	0.555028	-1.80171	0.0081955	0.549978	-1.81826	0.00238199	0.473076	-2.11383	15.8862	7.859	0.439739	1
cg13916177	0.000980816	0.269765	-3.70693	0.0315982	0.509796	-1.96157	0.000648295	0.247008	-4.04846	0.222888	0.710078	-1.4083	15.7266	17.7983	1.00599	1
cg10115918	0.000321825	0.25188	-3.97015	0.0135176	0.484686	-2.06319	0.0131467	0.482636	-2.07196	0.00671674	0.434821	-2.29979	15.2285	13.5382	0.790228	1
cg15326656	0.219272	0.788998	-1.26743	0.416915	1.16438	1.16438	0.592604	0.905672	-1.10415	0.548394	0.894576	-1.11785	11.2363	5.98852	0.473746	1
cg04867891	0.00559068	0.298062	-3.35501	0.00141955	0.215232	-4.64616	0.0473402	0.470099	-2.12721	0.108937	0.559025	-1.78883	10.9759	19.2373	1.55793	1
cg06911187	0.0107889	0.572149	-1.7478	0.372859	1.17292	1.17292	0.0532831	1.46635	1.46635	0.000421201	0.377448	-2.64937	10.9633	5.27752	0.427895	1
cg10344477	0.555009	1.26238	1.26238	0.00460535	0.229564	-4.35609	0.0315126	2.67576	2.67576	0.00269037	0.198183	-5.04584	10.2029	24.6088	2.14395	1
cg08294336	0.000913215	0.248025	-4.03184	0.00180812	0.287141	-3.48261	0.142666	1.55762	1.55762	0.10024	0.602614	-1.65944	9.86248	12.3554	1.11357	1
cg02283787	0.0124635	1.66376	1.66376	0.189367	1.25563	1.25563	0.641544	0.926108	-1.07979	0.244523	0.819274	-1.22059	9.62536	4.08677	0.377408	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg08440721	B4GNT1	0.00207258	0.756335	0.320078	-1.0858	-1.113053	0.672245	-1.48755	0.508361	0.849217	-1.17755	0.0523562	0.584225	-1.77167	2.58E-05	0.113229	-7.62026	0.388016	1.24168	1.24168	0.295928	1.33177	1.33177	0.2227771	0.731926	-1.35051	9.5422	8.96709	0.835316	1
cg26451769	B3GNT1	0.00240254	0.00804535	0.533169	-1.87558	0.00513759	0.504253	-1.98313	0.00169112	0.435597	-2.2957	0.972691	1.00636	0.00306	0.00160169	0.4295	3.270752	0.00669117	0.521195	-1.91867	0.148673	0.750556	-1.33235	0.896598	0.976202	-1.02438	0.204216	0.780204	-1.28172	0.13827	4.96638	0.483085	1
cg15463255	B3GNT1	0.0025019	0.908338	0.976983	-1.02356	0.000532627	0.336164	-2.97474	0.0115702	0.528173	-1.89332	0.413927	1.18395	1.18395	0.000937245	0.368571	-2.713188	0.012252	0.532143	-1.87919	0.285881	1.25117	1.25117	0.0986409	1.44215	1.44215	0.789671	0.947384	-1.05554	0.030002	5.84577	0.57544	1
cg20407796	B3GNT1	0.00312978	0.2246607	1.09422	1.09422	0.0479817	1.173834	1.173834	0.446979	1.0539	1.0539	1.05079146	0.3911	1.281	0.00115578	1.400607	1.400607	0.000434501	1.48096	1.48096	0.0153616	1.23371	1.23371	0.4701283	0.949466	-1.05322	0.209848	0.910919	-1.09779	0.45111	0.6707	0.0701669	1
cg06470787	B3GNT1	0.00340106	0.387054	0.8830158	-1.13243	0.00424155	1.71066	1.71066	0.0492239	0.729886	-1.37008	0.802557	0.9926	0.9926	-1.03577	0.0516011	0.732219	-1.36571	0.000504254	0.466403	-2.14407	0.510946	1.09804	1.09804	0.0669488	0.74972	-1.33383	0.009278535	0.629365	-1.5892	0.284361	2.56891	0.27698	1
cg22596411	B3GNT1	0.00358153	0.0914178	0.631275	-1.5841	0.0382118	1.81203	1.81203	0.92245	1.02439	1.02439	0.0102146	0.448705	-2.22864	0.21308	1.38334	1.38334	0.77779	1.07252	1.07252	0.548331	1.1622	1.1622	0.029677	1.88404	1.88404	0.000315233	0.235826	-4.24062	8.11764	7.87365	0.862172	1
cg03160526	B3GNT1	0.00403082	0.37301	0.662049	-1.51046	0.108883	0.454525	-2.2001	0.00170589	0.132633	-7.53958	0.913999	1.04992	1.04992	0.0171565	0.269867	-3.70553	0.00208098	0.14169	-7.05767	0.000449711	0.0824728	-12.1252	0.0458908	0.35632	-2.80646	0.894666	0.942173	-1.06138	7.83434	25.2327	2.86291	1
cg26628755	B3GNT1	0.00464178	0.00248052	0.269237	-3.7144	0.184583	0.644645	-1.55124	0.00554896	0.331889	-3.01305	0.164729	0.629747	-1.58794	0.000969509	0.336824	-2.96991	0.005004948	0.313887	-3.18585	0.00110351	0.2328915	-4.46259	0.0400558	0.503017	-1.9383	0.00423745	0.302889	-3.30154	7.59667	11.5726	1.37035	1
cg03820796	B3GNT1	0.00474893	0.179816	0.670643	-1.49111	0.0017868	1.47882	1.47882	0.584916	1.0573	1.0573	0.4770304	0.816456	-2.12481	0.00073501	0.2041	-4.90079	0.553624	0.845318	-1.18299	0.682045	0.8809903	-1.12246	0.9645861	0.78999	-1.12359	1.59718	1.59718	0.75475	0.28603	1.10725	1
cg13947735	B3GNT1	0.00606515	0.0563515	0.63963	-1.5634	0.501867	1.15137	1.15137	0.000925639	0.359515	-2.78152	0.489576	0.864882	-1.15623	0.000582215	0.333467	-2.9988	0.692013	1.08555	1.08555	0.704462	1.082	1.082	0.744596	1.06994	1.06994	0.0827789	0.672133	-1.4878	6.91734	4.68552	0.602096	1
cg06933036	B3GNT1	0.00717705	0.0284427	0.5139	-1.94596	0.0917	0.945988	-1.05711	0.532862	0.873734	-1.1457	0.212882	0.973734	-1.027	0.0487795	0.7686877	-1.30085	0.0047705	0.00177775	0.5040377	-1.98407	0.2229	1.2229	0.1695753	0.8577	-1.16863	0.40806	0.913816	1.09401	0.56376	11.7918	0.15969	1
cg04847146	B3GNT1	0.00750067	0.0235195	0.284403	-3.51614	0.555413	0.31945	1.31945	0.220187	0.549275	-1.82058	0.59326	0.755122	-1.32429	0.000110698	0.0423699	-23.6016	0.097175	0.429073	-2.33061	0.230131	0.556999	-1.79534	0.848405	0.914894	-1.09302	0.49263	0.723332	-1.38249	0.47383	22.1501	3.04132	1
cg22424196	B3GNT1	0.00852926	0.321037	1.36349	1.36349	0.654897	0.672398	-1.14574	0.603216	1.03747	1.03747	0.188276	1.52439	1.52439	0.00184163	0.263623	-3.82229	0.039571	0.8	0.8	0.1	2.4264	2.4264	0.0013381	1.89293	1.89293	0.0466479	1.9916	1.9916	0.21726	9.0051	1.28747	1
cg01826354	B3GNT1	0.00853699	0.2414135	-4.66996	0.776953	1.12676	1.12676	0.0159053	0.288164	-3.45825	0.056573	0.403756	-2.47674	0.00553996	0.216195	-6.62545	0.0395718	0.367799	-2.71888	0.00260808	0.175252	-5.77193	0.547377	0.7742555	-1.29156	0.00651427	0.226347	-4.418	4.19827	17.3312	2.48573	1
cg11261412	B3GNT1	0.00859823	0.00225938	0.396932	-2.51932	0.57665	0.21291	-1.127	0.271763	0.780856	-1.28065	0.0158677	1.89416	1.89416	0.00127128	0.647915	-1.54341	0.8329	1.04674	1.04674	0.124501	0.6097943	-1.43278	0.0492329	1.62473	1.62473	0.0330839	1.7139	1.7139	0.15335	4.52801	0.658164	1
cg20510084	B3GNT1	0.00870144	0.1705544	0.594593	-1.68241	0.0204034	1.35315	1.35315	0.0418816	0.7990188	-1.25457	0.593667	1.08272	1.08272	0.166872	0.268268	-3.72709	0.008341337	1.49082	1.49082	0.00203172	0.167606	0.6863551	-1.45648	1.04937	1.04937	0.117826	0.817424	-1.22335	0.81637	1.20794	0.198858	1
cg24479417	B3GNT1	0.01113648	0.0240094	0.29371	-3.40472	0.298938	1.63219	1.63219	0.0024941	0.147759	-6.76778	0.327674	1.51663	1.51663	0.00885463	0.2195336	-4.55505	0.711582	0.844509	-1.18412	0.933139	1.03892	1.03892	0.2648318	0.589275	-1.697	0.00520179	0.186722	-5.35556	5.67249	18.6047	2.91539	1
cg26342703	B3GNT1	0.01136868	0.2423621	0.818404	-1.22185	0.462237	0.884652	-1.13039	0.0457698	1.455561	1.495561	0.111883	0.752892	-1.32821	7	7	7	0.607406	0.918567	-1.08865	0.00163741	0.2094575	4.77	4.77	0.0450249	0.905209	-1.10705	0.0123737	1.6479	1.6479	5.78229	2.18721	0.37899	1
cg01100931	B3GNT1	0.01165601	0.6974563	1.1994	1.1994	0.00754512	0.215441	3.215441	0.0259932	2.38743	2.38743	0.857235	1.063809	1.063809	0.00351941	0.2606557	-3.83646	0.017287	0.373364	0.373364	-2.67935	0.99608	1.00167	1.00167	0.0892321	0.970931	-1.02994	5.62488	10.2824	1.62507	1
cg07200616	B3GNT1	0.0123315	0.0244885	0.1406554	-7.10963	0.00376995	0.0571962	-17.4837	0.0141135	0.108925	-9.18065	0.0661396	0.22122	-4.52038	0.0128952	0.104035	-9.57896	0.0136414	0.107198	-9.32856	0.010556	0.0949467	-10.5322	0.0106998	0.0955607	-10.4646	0.0287389	0.151371	-6.6063	5.52679	46.8891	7.5413	1
cg00902293	B3GNT1	0.01353879	0.0445522	0.685119	-1.4596	0.00297829	0.512615	-1.9505	0.134966	0.824228	-1.18173	0.00155629	0.474427	-2.10745	0.0030443	0.3284	-3.04511	0.0962539	0.442547	0.442547	-2.25911	0.184681	0.777588	0.777588	0.2866	1.28521	0.0490981	0.655937	-1.44524	0.331391	0.84849	-1.17856	5.9213	2.97825	0.378376	1
cg15727507	B3GNT1	0.01373141	0.0055593	0.259417	-3.85479	0.0590052	0.453915	-2.20306	0.017957	0.34465	-2.90149	0.0824728	0.490409	-2.03911	0.00345664	0.229777	-4.35204	0.017656	0.343287	-2.91301	0.0560968	0.2600005	-3.84609	0.25294	0.642539	-1.55633	0.0354031	0.403568	-2.4779	5.33591	11.5966	1.93183	1
cg24049899	B3GNT1	0.01373687	0.1211	1.11756	1.11756	0.0940211	0.218	1.218	0.9001	1.01528	1.01528	0.1423	1.18236	1.18236	0.783996	1.04172	1.04172	0.160151	0.587703	0.587703	1.12901	1.1265	1.1265	0.0760155	1.24514	1.24514	0.0979144	0.994353	-1.00568	0.919509	1.1238	1.1238	0.35242	3.91722	0.606099	1
cg26282347	B3GNT1	0.01454206	0.0694517	1.45234	1.45234	0.0109445	1.79827	1.79827	0.365351	1.18639	1.18639	0.0490792	1.51111	1.51111	0.826029	0.960355	-1.04128	0.0218761	1.6578	1.6578	0.00186662	2.25007	2.25007	0.22042	1.26713	1.26713	0.105192	1.7222292	-1.38448	5.23656	7.80062	0.475396	1
cg03005899	B3GNT1	0.01522118	0.82808	0.936237	-1.07223	0.294815	0.705817	-1.4168	0.00463504	0.29886	-3.34605	0.293017	0.704831	-1.41878	0.000459952	0.174112	-5.74344	0.932657	1.02747	1.02747	0.796743	1.08629	1.08629	0.857477	1.05914	1.05914	0.652956	0.864899	-1.1562	1.15559	8.396	1.44758	1
cg19877683	B3GNT1	0.01543526	0.5413175	0.80626	-1.24007	0.0402118	1.28525	1.28525	0.0015803	0.611782	1.63479	0.0001	1.28525	1.28525	0.0001	0.2036576	4.91	0.1	0.1	0.1	0.1	1.73112	1.73112	0.0057387	0.454547	0.496353	-2.01469	0.455796	1.15827	1.15827	0.600602	0.806578	0.400738	1
cg03591954	B3GNT1	0.01573072	0.1009693	0.514289	-1.94443	0.0451083	0.427303	-2.34026	0.00155435	0.185914	-5.37884	0.591089	0.81825	-1.22212	0.00149715	0.183989	-5.43511	0.218608	0.619676	-1.61375	0.133004	0.549106	-1.82114	0.347183	0.699073	-1.43047	0.157201	0.571506	-1.74976	4.93978	10.7012	1.92563	1
cg04551025	B3GNT1	0.01732408	0.441201	0.77201	-1.29533	0.0184115	0.388636	-2.57313	0.0015383	0.140462	-2.07699	0.731794	0.748835	-1.33571	0.0010182	0.2145	-4.66068	0.626163	0.850659	-1.17555	0.287374	0.7144885	0.6010353	1.66398	0.3607507	0.7717	-1.29625	0.0811221	-1.17492	0.019897	0.3607507	2.71771	0.436289	8.449347	1.53816	1
cg26658039	B3GNT1	0.01813328	0.6806637	0.879966	-1.13641	0.150804	0.621424	-1.60921	0.00114049	0.228043	-4.38554	0.738256	0.857235	1.063809	0.0039511	0.2606558	-3.83646	0.0399407	0.4791	2.0875	0.00235685	0.26958	-3.70947	0.524875	0.819481	-1.22028	0.370072	0.752466	-1.32896	0.693829	7.35255	1.34392	1
cg08001255	B3GNT1	0.01822164	0.8938601	0.966256	-1.03492	0.0450715	1.86031	1.86031	0.36171	1.288	1.288	0.0529446	1.81078	1.81078	0.00157104	0.2935011	-3.40714	0.0731878	0.58311	-1.71494	0.82993	1.06235	1.06235	0.389139	1.34585	1.34585	0.8321443	0.9443314	-1.05897	4.85467	5.60285	1.02588	1
cg18495341	B3GNT1	0.01858701	0.1162262	0.4877	-2.05013	0.0284975	0.487403	-2.05141	0.134996	0.824228	-1.18173	0.00155629	0.474427	-2.10745	0.0030443	0.3284	-3.04511	0.0962539	0.442547	0.442547	-2.25911	0.184681	0.777588	0.777588	0.2866	1.28521	0.0490981	0.655937	-1.44524	0.331391	0.84849	-1.17856	5.9213	2.97825	0.378376	1
cg23551455	B3GNT1	0.0193321	0.623381	1.13283	1.13283	0.0499593	2.5502	2.5502	0.0389495	0.547554	-1.8263	0.597036	1.1439	1.1439	0.00967159	0.438234	2.28188	0.312239	1.30137	1.30137	0.0834422	0.61703	-1.62067	0.737891	1.08832	1.08832	0.358386	0.788213	-1.26869	4.79598	0.48798	0.893914	1
cg12740267	B3GNT1	0.01938135	0.7315627	1.10191	1.10191	0.0946221	0.218	1.218	0.9001	1.01528	1.01528	0.1423	1.18236	1.18236	0.783996	1.04172	1.04172	0.160151	0.587703	0.587703	1.12901	1.1265	1.1265	0.0760155	1.24514	1.24514	0.0979144	0.994353	-1.00568	0.919509	1.1238	1.1238	0.35242	3.91722	0.606099	1
cg21688152	B3GNT1	0.0213583	0.0502387	0.345953	-2.89056	0.228487	0.548239	-1.82402	0.0463754	0.337876	-2.95967	0.0882991	0.408884	-2.44568	0.00826509	0.200683	-4.98298	0.015755	0.244867	-4.08385	0.010348	0.2152591	-4.64557	0.004577777	0.166099	-6.02051	0.0579682	0.36089	2.770393	4.60036	16.4761	3.18355	1
cg18013419	B3GNT1	0.0223265	0.234135	0.800106	-1.24983	0.69237	0.911367	-1.07369	0.137812	0.751466	-1.33073	0.0915491	0.71734	-1.39404	0.000571935	0.385342	-2.5951	0.184681	0.777588	-1.28603	0.142575	1.34624	1.34624	0.595862	0.908731	-1.10044	0.661323	0.924204	-1.08201	0.453096	2.29419	0.450077	1
cg17652174	B3GNT1	0.0242805	0.2346727	1.1911	1.1911	0.0246211	0.218	1.218	0.9001	1.01528	1.01528	0.1423	1.18236	1.18236	0.783996	1.04172	1.04172	0.160151	0.587703	0.587703	1.12901	1.1265	1.1265	0.0760155	1.24514	1.24514	0.0979144	0.994353	-1.00568	0.919509	1.1238	1.1238	0.35242	3.91722	0.606099	1
cg18846697	B3GNT1	0.0250912	0.152975	0.696128	-1.43652	0.0450927	0.580332	-1.72315	0.0111147	0.47076	-2.12422	0.791626	1.06467	1.06467	0.118345	0.669456	-1.49375	0.643893	1.11647	1.11647	0.00868189	2.20698	2.20698	0.55563	0.868421	-1.15152	0.0923112	0.64501	-1.55036	4.35172	3.8605	0.788553	1
cg02130568	B3GNT1	0.0254374	0.9988014	0.999954	-1.00005	0.0840312	-1.18343	0.0220801	0.0756156	0.319974	-3.12458	0.0204414	0.680076	-1.47042	0.620001	0.07216	-13.8567	0.0149697	1.1537	1.1537	0.0040934	0.1755958	1.12976	1.12976	0.1448	1.34386	1.34386	0.041285	1.1052	1.10529	4.27305	0.884604	1.288404	1
cg03585013	B3GNT1	0.0256727	0.573544	0.915704	-1.09206	0.0484795	0.41773	1.41773	0.072938	1.36305	1.36305	0.362907	0.866985	-1.15342	0.833624	0.9675954	-1.03311	0.0334651	1.46922	1.46922	0.337155	0.857936	-1.16559	0.0044074	0.550074	-1.81784	0.314835	0.969787	-1.03115	0.256581	1.61648	0.337547	1
cg00137839	B3GNT1	0.02717739	0.0332467	0.333889	-2.99501	0.530967	0.755981	-1.32278	0.858709	1.08171	1.08171	0.958656	1.02311	1.02311	0.00290221	0.16459	-6.07537	0.928122	1.04057	1.04057	0.00446045	0.18791	-5.3217	0.989153	0.994026	-1.00601	0.1107233	0.464864	-2.15117	4.23212	13.022	2.73506	1
cg22130568	B3GNT1	0.0273245	0.4513072	0.898014	-1.11353	0.0486616	0.468249	-2.13562	0.0226136	0.607425	-1.64603	0.932953	1.01653	1.01653	0.0107403	0.3192	-3.13298	0.832016	1.04756	1.04756	0.0125255	0.33993	-2.94171	0.415464	0.825951	-1.21048	0.0109807	0.837195	-1.19452	0.16899	0.8469547	1.53816	1
cg17346650	B3GNT1	0.0308411	0.0442309	0.361793	-2.76401	0.0164729	0.273963	-3.65013	0.02988	0.3023	-3.30797	0.542005	0.762208	-1.31198	0.0123265	0.253885	-3.93879	0.0182473	0.283516	-3.52714	0.00982428	0.2375946	-4.20264	0.144581	0.501902	-1.99242	0.157459	0.514281	-1.94466	0.043683	12.4025	2.7243	1
cg18254282	B3GNT1	0.0309707	0.0277007	0.281662	-3.55011	0.1911	0.1911	5.1911	0.044959	0.27735	-3.60534	0.0311006	0.645206	-1.54939	0.0121551	0.3374	-2.96379	0.0226347	0.2252	0.2252	0.0256044	0.1755	-5.6972	0.0225633	0.626072	-1.59726	0.0327733	0.61583	-1.62401	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158	1
cg08753736	B3GNT1	0.0338836	0.128697	0.608977	-1.6421	0.200793	0.664886	-1.50402	0.284225	1.39938	1.39938	0.892713	1.0416	1.0416	0.00758567	0.354413	-2.82156	0.0183293	0.421194	2.37421	0.246016	0.693175	-1.44264	0.190762	1.51964	1.51964	0.0284103	0.457781	-2.18445	3.91267	5.65389	1.28446	1
cg10348523	B3GNT1	0.0346454	0.246756	1.31956	1.31956	0.0956813	0.498249	1.41562	0.0226136	0.607425	-1.64603	0.932953	1.01653	1.01653	0.0107403	0.3192	-3.13298	0.810216	1.04756	1.04756	0.0125255	0.33993	-2.94171	0.415464	0.825951	-1.21048	0.0109807	0.837195	-1.19452	0.16899	0.8469547	1.53816	1
cg14900773	B3GNT1	0.0348675	0.492983	0.858305	-1.16509	0.0171677	0.9959	1.9959	0.0166307	0.477142	-2.10339	0.2275121	0.757292	-1.3205	0.2575513	0.75173	-1.33074	0.816669	1.05228	1.05228	0.0332261	0.241703	-4.06507	0.990432	-1.00962	0.420923	1.59774	1.59774	1.19774	1.30689	2.90369	0.577996	1
cg01800349	B3GNT1	0.0412468	0.921819	0.967741	-1.03333	0.836807	1.07132	1.07132	0.00982464	0.336156	-2.97481	0.574101	1.20887	1.20887	0.151551	0.598508	-1.67082	0.0464472	0.466796	-2.14226	0.175802	0.618272	-1.61741	0.676501	0.869217	-1.15046	0.00392252	0.273454	-3.65692	3.64165	6.43518	1.57076	1
cg26516954	B3GNT1	0.0413414	0.352464	1.16297	1.16297	0.0529975	0.389	1.389	0.0274	1.45	1.45	0.0274	1.45	1.45	0.0274	1.45	1.45	0.522172	1.1077	1.1077	0.0470504	0.511044	1.95678	0.952405	1.0585	0.0274798	1.025854	0.84389	1.173515	0.350048	1					
cg05771369	B4GALNT2	0.00071206	0.027723	2.18932	2.18932	0.0077956	0.80118	0.80118	0.657389	1.14394	1.14394	0.543484	1.20354	1.20354	0.00599821	2.95024	2.95024	0.036868	2.07584	2.07584	2.546E-05	12.3942	12.3942	0.000312845	5.81642	5.81642	0.0388348	2.05573	2.05573	12.9488	18.6131	1.27773	1
cg22281328	B4GALNT2	0.00229338	0.2945153	1.33637	1.33637	0.0181449	2.147958	2.147958	0.0027	1.74798	1.74798	0.0027	1.07617	1.07617	0.691934	0.899307	-1.11197	0.0231311	2.062	2.062	0.0027	7.39564	7.39564	0.000374667	2.83749	2.83749	0.0154951	1.15807	1.15807	9.263881	9.774187	0.999705	1
cg21548008	B4GALNT2	0.00482456	0.310063	1.76495	1.76495	1.30733	0.453593	0.818987	-1.2198	0.818987	-1.2198	0.818987	-1.2198	0.818987	-1.2198	0.818987	-1.2198	0.137329	1.16561	1.16561	0.258108	1.3549	1.3549	0.000871327	0.272593	-3.66847	0.0354915	1.80099	1.80099	1.74897	7.95842	0.935523	1
cg21361094	B4GALNT2	0.0129097	0.45164	1.44761	1.44761	0.00668922	14.1849	14.1849	0.119389	2.2596	2.2596	0.616576	0.783868	-1.12757	0.0119427	2.29816	2.29816	0.160501	2.06096	2.06096	0.00777759	5.19922	5.19922	0.0331279	3.32528	3.32528	0.833721	1.10672	1.10672	5.44251	20.0566	3.2757	1
cg09853793	B4GALNT2	0.0137702	0.0231557	0.3192	-3.13137	0.100033	0.1708	-5.8558	0.0242451	0.17098	-5.85027	0.0242451	0.17098	-5.85027	0.0242451	0.17098	-5.85027	0.0103247	0.1709	-5.8594	0.0242451	0.17098	-5.85027	0.0242451	0.17098	-5.85027	0.0242451	0.17098	-5.85027	0.0242451	0.17098	-5.85027	0.0242451	0.17098	-5.85027	0.0242451	0.17098	-5.85027	1
cg25663970	B4GALNT2	0.0369783	0.3029935	1.26093	1.26093	0.00517397	2.23006	2.23006	0.107278	1.46514	1.46514	0.0864704	1.50904	1.50904	0.0682914	0.641775	-1.55818	0.636151	0.901636	-1.10909	0.29377	0.7882292	-1.26696	0.071345	1.54897	1.54897	0.277481	1.27812	1.27812	3.79067	2.83421	0.664605	1
cg18874307	B4GALNT2	0.0401475	0.0954374	0.606021	-1.64942	0.0231194	1.85988	1.85988	0.57011	1.14011	1.14011	0.641085	0.898288	-1.11323	0.142049	0.6973232	-1.43424	0.872437	1.03739	1.03739	0.0230554	0.338443	-1.85377	0.0302287	0.559948	-1.78552	0.215373	0.747091	-1.33763	0.18148	0.00208	0.734827	1
cg14894823	B4GALNT2	0.0414434	0.20892	1.75976	-1.31583	0.0766802	0.50381	1.50381	0.328222	1.23259	1.23259	0.960801	1.02457	1.02457	0.0942902	0.6830075	1.46397	0.0339264	1.23	1.23	0.0273243	0.21703	-4.60507	0.990432	-1.00962	0.420923	1.59774	1.59774	1.19774	1.30689	2.90369	0.577996	1
cg17277845	B4GALNT3;SLC26A10	0.014606	0.174824	1.6134	1.6134	0.0106386	0.34487	-2.89964	0.125333	0.577024	-1.73303	0.0140259	0.365901	-2.73298	0.0434978	0.463242	-2.1587	0.00393605	0.276414	-3.61776	0.141227	0.591882	-1.68953	0.173419	1.61625	1.61625	0.40602	0.754449	-1.32547	2.26545	9.09416	1.54669	1
cg24238205	B4GALNT2	0.00077863	0.0100277	0.1649	-6.06067	0.0256483	0.0776	-12.8905	0.0023	0.13026	-7.67958	0.0023	0.07447	-13.4232	0.0023	0.1473	-6.78973	0.0007606034	0.12752	-7.84034	0.0023	0.1145	-8.73415	0.0023	0.0745411	-20.9003	0.00165768	0.1145	-8.65633	0.05186	0.2729092	-3.66412	0.36587	2.73541	0.52517	1
cg06517568	B4GALNT2;B4GALNT3	0.00238217	0.807055	0.896778	-1.1151	0.00376808	0.0756212	-12.5604	0.012837	0.252615	-3.95859	0.078492	0.418873	-2.38736	0.00779657	0.104041	-9.61157	0.0691407	0.404366	-2.47301	0.00336609	0.173806	-5.75354	0.031857	0.1760396	-5.67872	0.00975806	0.233368	0.408158	0.96114	28.7636	2.79088	1
cg01429662	B4GALNT2;B4GALNT2;B4GALNT2	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	309.905	7	7	7	7	7	7					
cg04380107	B4GALNT2;B4GALNT2;B4GALNT2	5.81E-05	0.00200695	0.343273	-2.91313	0.000644767	0.276932	-3.61099	0.000305217	0.237261	-4.21476	0.00614427	0.416135	-2.40307	0.000177985	0.210646	-4.74731	0.2200116	0.72886	-1.372	4.81E-06	0.0770192	-12.9838	2.40E-05	0.126783	-7.8875	0.0052923	0.405957	-2.46332	25.5846	24.3715	0.846742	1
cg09367266	B4GALNT2;B4GALNT2;B4GALNT2	7.68E-05	6.98E-05	0.19233	0.19233	0.468716	0.831031	-1.20332	0.0638629	0.592755	-1.68704	0.044998	1.78173	1.78173	0.361081	1.26582	1.26582	0.00303081	0.359997	2.7778	1.79E-05	0.1115668	0.0795328	0.0542722	0.18726

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10817479	BAALC;BAALC	0.0173846	0.438699	0.911043	-1.09764	0.0409317	0.757079	-1.32087	0.389518	0.901216	-1.10961	0.963078	1.00548	1.00548	0.109	0.813703	-1.22895
cg06044468	BAALC;BAALC	0.0310785	0.157056	1.36309	1.36309	0.224274	0.770053	-1.29861	0.329759	0.813945	-1.22858	0.616489	0.901807	-1.10888	0.842045	0.959984	-1.04168
cg19790640	BAALC;BAALC;C8orf56	0.00412472	0.000286238	0.19676	-5.08233	0.172179	0.671039	-1.49023	0.0142212	0.435942	-2.29388	0.0618828	1.78105	1.78105	0.0131492	0.429959	-2.32581
cg14884291	BAALC;C8orf56;BAALC	0.0111201	0.164788	1.35911	1.35911	0.69279	1.08569	1.08569	0.071499	0.659218	-1.51695	0.1506	1.37572	1.37572	0.000811257	0.351434	-2.84548
cg09833545	BACE1;BACE1;BACE1;BACE1	1.12E-06	1.94E-07	0.0447337	-22.3545	0.358803	0.831409	-1.20278	0.998184	0.999555	-1.00045	2.38E-05	0.19221	-5.20266	7.16E-08	0.0292978	-34.1323
cg01923020	BACE1;BACE1;BACE1;BACE1	0.00886411	0.0175167	0.569528	-1.75584	0.594884	1.11015	1.11015	0.0214626	1.71244	1.71244	0.0362624	1.60645	1.60645	0.12942	1.37574	1.37574
cg02062003	BACE1;BACE1;BACE1;BACE1	0.0118934	0.303784	1.1442	1.1442	0.766584	0.963049	-1.03837	0.0118185	1.48823	1.48823	0.056822	1.31343	1.31343	0.363913	1.12525	1.12525
cg22261612	BACE1;BACE1;BACE1;BACE1	0.0415525	0.576366	0.901236	-1.10959	0.0280092	1.61319	1.61319	0.12539	1.35741	1.35741	0.0268514	1.62105	1.62105	0.437051	1.15727	1.15727
cg15427448	BACE1;BACE1;BACE1;BACE1;BACE1;BACE1;BACE1;BACE1	0.00144149	0.546679	1.20919	1.20919	0.0376167	2.11925	2.11925	0.748667	0.904743	-1.10529	0.273039	1.42652	1.42652	0.867019	1.05357	1.05357
cg17007365	BACE1;BACE1;BACE1;BACE1;BACE1;BACE1;BACE1;BACE1	0.0124902	0.7833	1.03496	1.03496	0.307782	1.14063	1.14063	0.264446	0.86505	-1.156	0.267396	0.865886	-1.15489	0.0740579	0.780271	-1.28161
cg04954795	BACE2;BACE2;BACE2	0.000588281	0.23952	1.23888	1.23888	0.000837185	0.417241	-2.3967	3.74E-05	0.252188	-3.9653	0.991709	0.998194	-1.00181	0.330521	0.83977	-1.1908
cg16365807	BACE2;BACE2;BACE2	0.000989267	0.000805594	0.268105	-3.72989	0.00192943	0.319007	-3.13473	0.00116882	0.289202	-3.45779	0.110846	0.636193	-1.57185	0.000308477	0.217689	-4.5937
cg08120044	BACE2;BACE2;BACE2	0.00285124	0.112665	0.787696	-1.26953	0.000740153	0.492564	-2.03019	0.621734	0.933579	-1.07115	0.0388513	0.718542	-1.39171	0.0486305	0.732524	-1.36514
cg18151134	BACE2;BACE2;BACE2	0.03454	0.405066	0.813166	-1.22976	0.463027	1.19884	1.19884	0.159123	0.693961	-1.441	0.976037	0.992734	-1.00732	0.00761807	0.434728	-2.30029
cg16635863	BACE2;BACE2;BACE2	0.045487	0.977222	1.00484	1.00484	0.0274465	1.55511	1.55511	0.0140052	0.598325	-1.67133	0.12116	1.32908	1.32908	0.359831	0.852683	-1.17277
cg21831811	BACE2;BACE2;BACE2	0.0456789	0.901691	1.02179	1.02179	0.379599	1.17025	1.17025	0.122404	1.33909	1.33909	0.600804	0.912027	-1.09646	0.317122	0.834955	-1.19767
cg18175606	BACE2;BACE2;BACE2	0.0473278	0.0155402	0.187108	-5.34452	0.00730993	0.141786	-7.05286	0.0641151	0.308796	-3.23838	0.14647	0.414649	-2.41168	0.0205169	0.206705	-4.83781
cg00734483	BACE2;BACE2;BACE2;BACE2;BACE2;BACE2	0.00640274	0.991762	0.996526	-1.00349	0.000607268	0.168423	-5.93743	0.579381	0.828006	-1.20772	0.194046	1.58911	1.58911	0.128543	1.73977	1.73977
cg21845373	BACE2;PLAC4;BACE2;BACE2	0.0013542	0.268991	0.914278	-1.09376	0.0647496	1.17526	1.17526	0.056516	0.845293	-1.18302	0.398225	0.934883	-1.06965	0.0211482	0.805895	-1.24086
cg01300218	BACE2;PLAC4;BACE2;BACE2	0.00483502	0.0494739	0.648549	-1.5419	0.00794722	1.92977	1.92977	0.0300896	0.610935	-1.63684	0.476316	0.869444	-1.15016	0.0157016	0.564406	-1.77177
cg14867395	BACE2;PLAC4;BACE2;BACE2	0.00816331	0.899059	0.969855	-1.03108	0.141648	0.683068	-1.46398	0.00755543	0.436523	-2.29083	0.551513	1.1564	1.1564	0.000390624	0.255792	-3.90942
cg01612285	BACE2;PLAC4;BACE2;PLAC4;BACE2	0.0139818	0.0351688	0.396875	-2.51969	0.187865	0.591194	-1.69149	0.0398909	0.408762	-2.44641	0.448377	0.747522	-1.33775	0.00057622	0.134472	-7.43651
cg14918353	BACH1;BACH1	1.40E-05	0.963718	0.991042	-1.00904	0.289439	0.804518	-1.24298	0.948012	1.01298	1.01298	0.523076	1.13659	1.13659	1.05E-07	0.033492	-29.8579
cg03693762	BACH1;BACH1	0.00196367	0.647683	1.0639	1.0639	0.539217	0.91972	-1.08729	0.0186068	1.46827	1.46827	0.000745805	0.502081	-1.99171	0.000456786	0.475618	-2.10253
cg26921846	BACH1;BACH1	0.00413844	0.0169041	0.740336	-1.35074	0.0101923	1.39691	1.39691	0.102152	1.2027	1.2027	0.941673	1.00758	1.00758	0.0714237	0.812431	-1.23087
cg24788122	BACH1;BACH1	0.010404	0.0030682	0.504273	-1.98305	0.497289	0.890139	-1.12342	0.0167801	0.610853	-1.63706	0.0108155	0.582403	-1.71702	0.324074	0.841988	-1.18767
cg09143663	BACH1;BACH1	0.0488979	0.520056	0.75259	-1.32874	0.0046733	5.15186	5.15186	0.111646	2.12814	2.12814	0.0454018	2.7193	2.7193	0.185704	0.542441	-1.84352
cg23530064	BACH1;BACH1;BACH1	0.00966009	0.582217	0.872014	-1.14677	0.0145367	0.476177	-2.10006	0.00203044	0.342158	-2.92263	0.193378	1.40387	1.40387	0.23198	1.36203	1.36203
cg22076474	BACH1;BACH1;BACH1	0.0112554	0.00470268	0.421095	-2.37476	0.00635467	0.441371	-2.26567	0.714493	0.918887	-1.08827	0.0626654	0.617365	-1.61979	0.0192658	0.521107	-1.91899
cg07613023	BACH2;BACH2	9.01E-06	0.00445381	0.546099	-1.83117	0.000125903	0.344829	-2.89999	2.95E-05	0.271067	-3.68913	0.000581532	0.428162	-2.33557	0.000117749	0.341302	-2.92996
cg10643578	BACH2;BACH2	6.73E-05	0.53307	1.24413	1.24413	0.996882	1.00135	1.00135	7.67E-06	0.03339	-29.9491	0.0181031	0.370398	-2.6998	0.000536438	0.155107	-6.44715
cg16897634	BACH2;BACH2	0.000139397	1.89E-06	0.0626942	-15.9504	0.089611	1.55015	1.55015	0.514274	0.856484	-1.16756	0.462401	0.839263	-1.19152	0.0729667	0.625958	-1.59755
cg26978379	BACH2;BACH2	0.00188857	0.0143092	0.717307	-1.3941	0.02511	0.745977	-1.34052	0.00371411	0.64974	-1.53908	0.119168	0.830249	-1.20446	0.00245553	0.629104	-1.58956
cg15420692	BACH2;BACH2	0.00249281	0.686957	0.930723	-1.07443	0.59753	1.09902	1.09902	0.159026	0.765864	-1.30572	0.472226	1.13835	1.13835	0.883156	1.0264	1.0264
cg20768122	BACH2;BACH2	0.0028313	0.161445	1.22277	1.22277	0.0202419	0.68622	-1.45726	0.000690195	0.498211	-2.00718	0.0327978	1.39914	1.39914	0.369918	1.13184	1.13184
cg23244234	BACH2;BACH2	0.00412214	0.0145063	0.602674	-1.65927	0.0055832	0.542284	-1.84405	0.251452	0.817537	-1.22319	0.234827	0.811092	-1.23291	0.000519003	0.402425	-2.48493
cg17486314	BACH2;BACH2	0.0070049	0.0558642	0.392878	-2.54532	0.0350691	2.88354	2.88354	0.138684	1.98865	1.98865	0.0258204	0.319351	-3.13135	0.0308637	2.98426	2.98426
cg03986578	BACH2;BACH2	0.00814523	0.0371602	3.14501	3.14501	0.000599298	12.2765	12.2765	0.00421619	6.13902	6.13902	0.0373756	3.13966	3.13966	0.281537	1.69898	1.69898
cg18965377	BACH2;BACH2	0.0122268	?	?	?	?	?	?	0.00806527	0.14528	-6.88328	0.0254366	0.2542	-3.93391	?	?	?
cg04508839	BACH2;BACH2	0.0203646	0.000983579	0.160106	-6.24588	0.0419027	2.40314	2.40314	0.328417	1.45819	1.45819	0.286027	1.51332	1.51332	0.233906	1.59461	1.59461
cg10365984	BACH2;BACH2	0.0350867	0.0650777	0.273324	-3.65866	0.4481	0.616224	-1.62279	0.825301	0.870715	-1.14848	0.0974052	0.320119	-3.12384	0.0194418	0.17046	-5.86649
cg09471887	BACH2;BACH2	0.0366851	0.662631	0.888382	-1.12564	0.00515961	2.70659	2.70659	0.0199972	2.13164	2.13164	0.287771	1.34656	1.34656	0.0517769	0.550609	-1.81617
cg12062597	BACH2;BACH2	0.0392875	0.021703	0.600115	-1.66635	0.815529	1.04425	1.04425	0.618763	1.09741	1.09741	0.184573	1.29792	1.29792	0.031303	0.626189	-1.59696
cg02486351	BACH2;BACH2	0.0398436	0.398732	0.893529	-1.11916	0.503419	1.09251	1.09251	0.154699	0.819981	-1.21954	0.0387332	0.732059	-1.36601	0.260126	1.16539	1.16539
cg24700316	BACH2;BACH2	0.0466328	0.0391013	0.486639	-2.05491	0.78549	0.921004	-1.08577	0.032637	0.470407	-2.12582	0.479118	1.24237	1.24237	0.123417	0.604495	-1.65427
cg01757534	BACH2;BACH2;BACH2	0.00830098	?	?	?	0.000777495	0.117426	-8.51599	0.328711	0.671504	-1.48919	0.94614	1.02692	1.02692	?	?	?
cg25069102	BAD;BAD	0.0087013	0.340989	0.830008	-1.20481	0.44645	1.15876	1.15876	0.0560762	1.50813	1.50813	0.86183	1.03363	1.03363	0.0112028	0.546902	-1.82848
cg05075833	BAD;BAD	0.021689	0.688866	0.858838	-1.16436	0.537888	1.26595	1.26595	0.0753488	2.11403	2.11403	0.0297742	0.380234	-2.62996	0.58436	0.811507	-1.23228
cg16911342	BAD;GPR137;GPR137;BAD;GPR137;GPR137	0.00320614	0.883431	0.970944	-1.02993	0.661082	0.91515	-1.09272	0.913584	1.02206	1.02206	0.266448	0.792383	-1.26202	0.854284	0.963725	-1.03764
cg26468130	BAD;GPR137;GPR137;BAD;GPR137;GPR137	0.00471151	0.379615	0.892072	-1.12099	0.866875	1.02149	1.02149	0.145056	0.820125	-1.21933	0.883633	0.981613	-1.01873	0.949673	0.992034	-1.00803
cg19421484	BAD;GPR137;GPR137;BAD;GPR137;GPR137	0.0274332	0.0304351	0.456504	-2.19056	0.277058	0.705756	-1.41692	0.109159	1.71345	1.71345	0.0454769	2.02817	2.02817	0.247348	0.688767	-1.45187
cg14116162	BAD;GPR137;GPR137;BAD;GPR137;GPR137	0.0362244	0.561646	0.874138	-1.14398	0.479815	0.84819	-1.17898	0.0353869	1.7534	1.7534	0.965695	0.99019	-1.00991	0.382034	0.81424	-1.22814
cg22841110	BAD;GPR137;GPR137;BAD;GPR137;GPR137	0.0419562	0.209925	0.850442	-1.17586	0.0718059	1.27945	1.27945	0.651154	1.05739	1.05739	0.0609901	1.29549	1.29549	0.757542	0.962747	-1.03869
cg00829944	BAD;GPR137;GPR137;BAD;GPR137;GPR137;GPR137	0.00531562	0.0640016	0.871174	-1.14788	0.0239034	1.19548	1.19548	0.114397	0.892468	-1.12049	0.0441104	0.85793	-1.1656	0.149661	1.10776	1.10776
cg00925229	BAD;GPR137;GPR137;BAD;GPR137;GPR137;GPR137	0.0483441	0.905564	0.984732	-1.0155	0.277576	1.15764	1.15764	0.269894	1.1606	1.1606	0.905168	0.984668	-1.01557	0.931269	1.01125	1.01125
cg26968245	BAD;GPR137;GPR137;GPR137;BAD;GPR137;GPR137;GPR137	0.0491694	0.121943	0.781653	-1.27934	0.265749	1.18579	1.18579	0.00461547	1.74	1.74	0.581672	0.921487	-1.0852	0.273384	0.84578	-1.18234
cg06435046	BAG2	0.00689349	0.000824964	0.314757	-3.17705	0.845215	1.04587	1.04587	0.965608	1.00994	1.00994	0.377035	0.812205	-1.23122	0.00172838	0.358538	-2.78911
cg27164797	BAG2	0.0114867	0.0863234	0.272809	-3.66556	0.0802701	0.264425	-3.78179	0.482169	0.61281	-1.63183	0.179276	0.37608	-2.65901	0.0222678	0.152882	-6.54099
cg10230427	BAG2	0.0122545	0.0179509	0.20166	-4.95885	0.00732983	0.145919	-6.8531	0.248945	0.511218	-1.95611	0.144134	0.417438	-2.39557	0.00593342	0.134858	-7.4152
cg25319570	BAG2	0.0123617	0.295623	1.2534	1.2534	0.000379904	0.306624	-3.26133	0.0414671	0.612839	-1.63175	0.930646	1.01829	1.01829	0.555757	1.13213	1.13213
cg24373308	BAG2	0.0188014	0.71786	0.864097	-1.15728	0.00566543	0.217364	-4.60059	?	?	?	0.013114	0.2777	-3.601	?	?	?
cg18460809	BAG2	0.0363375	0.112679	1.92012	1.92012	0.52899	0.785869	-1.27248	0.385746	0.714662	-1.39926	0.304253	0.668995	-1.49478	0.228422	1.61219	1.61219
cg03690162	BAG3	0.012311	0.00714798	0.614554	-1.6272	0.00250953	0.555261	-1.80096	0.15934	0.809943	-1.23465	0.447355	0.89714	-1.11465	0.0511501	0.732505	-1.36518
cg08756008	BAG3	0.0165863	0.0149272	0.315802	-3.16655	0.0303715	0.375294	-2.66458	0.0455059	0.413468	-2.41857	0.017271	0.327315	-3.05516	0.248788	0.628632	-1.59076
cg15055039	BAG3	0.0192861	0.0806268	2.21464	2.21464	0.724557	1.15624	1.15624	0.41055	1.41244	1.41244	0.349563	0.673589	-1.48458	0.530104	0.770289	-1.29821
cg10186347	BAG3	0.0250682	0.0217749	0.33176	-3.01422	0.26456	0.627557	-1.59348	0.991416	1.00432	1.00432	0.699606	0.856115	-1.16807	0.000845772	0.133919	-7.46718
cg18908677	BAG3	0.0272454	0.0526654	0.772238	-1.29494	0.73704	1.04033	1.04033	0.861928	0.979782	-1.02064	0.577221	1.06831	1.06831	0.497233	1.08423	1.08423
cg10154626	BAG3	0.0434215	0.519733	0.853484	-1.17167	0.00556017	2.42122	2.42122	0.46462	1.19804	1.19804	0.91058	0.973094	-1.02765	0.835716	0.950837	-1.0517
cg02046226	BAG3	0.0467616	0.396704	1.13314	1.13314	0.0574607	0.733844	-1.36269	0.491537	1.10586	1.10586	0.841311	0.971541	-1.02929	0.484636	0.902774	-1.1077
cg16493090	BAG3;BAG3	0.00637162	0.000243858	0.451494	-2.21487	0.843016	1.02634	1.02634	0.408768	1.11715	1.11715	0.534095	0.920748	-1.08607	0.816616	0.97	-1.03093
cg03072082	BAG4;LSM1	0.00139382	0.28716	0.898323	-1.11319	0.242763	0.888164	-1.12592	0.0793052	0.827795	-1.20803	0.00150704	0.641716	-1.55832	0.283771	0.897591	-1.11409
cg11759446	BAG4;LSM1;BAG4	0.0032105	0.000469453	0.358196	-2.79177	0.281433	1.23253	1.23253	0.0629536	0.676589	-1.478	0.115138	0.726199	-1.37703	0.261145	0.80343	-1.24466
cg14152306	BAG5;BAG5;BAG5	0.00587207	0.149531	0.689744	-1.44981	0.00865668	2.23548	2.23548	0.00514917	2.4304	2.4304	0.361811	0.798267	-1.25271	0.0276835	0.534897	-1.86952
cg11129439	BAG5;BAG5;BAG5;C14orf153	0.00970209	0.645908	1.1017	1.1017	0.00129976	2.66636	2.66636	0.000577934	3.04904	3.04904	0.027209	1.72848	1.72848	0.174798	1.35278	1.35278
cg15569512	BAG5;BAG5;BAG5;C14orf153	0.0128779	0.0307892	0.733873	-1.36263	0.438368	0.908081	-1.10122	0.00392428	0.622837	-1.60556	0.00431821	0.627889	-1.59264	0.894855	1.01626	1.01626
cg22860607	BAG5;BAG5;BAG5;C14orf153	0.0209786	0.100203	0.766895	-1.30396	0.00469817	1.73962	1.73962	0.21914	1.20978	1.20978	0.535707	0.911723	-1.09682	0.606253	1.07963	1.07963
cg04689407	BAG5;BAG5;BAG5;C14orf153	0.0271933	0.0263138	0.784468	-1.27475	0.126047	1.16475	1.16475	0.320867	1.0991	1.0991	0.191271	0.880313	-1.13596	0.414695	0.926059	-1.07985
cg07610822	BAGE2;BAGE5;BAGE3;BAGE4	0.0451373	0.0499208	0.589135	-1.6974	0.0162088	0.498653	-2.0054	0.0861822	0.638516	-1.56613	0.179956	0.713933	-1.40069	0.00499652	0.415166	-2.40867
cg26287988	BAGE4;BAGE2;BAGE3;BAGE5;BAGE	0.0295759	0.1087	1.29452	1.29452	0.32036	1.16357	1.16357	0.388047	1.13943	1.13943	0.460589	1.11721	1.11721	0.00115612	0.494432	-2.02252
cg05038757	BAGE4;BAGE5;BAGE3;BAGE;BAGE2	0.000115639	0.000147463	0.341406	-2.92906	0.129228	1.30987	1.30987	0.00424035	0.532447	-1.87812	0.641862	1.08018	1.08018	1.28E-05	0.2208	-4.529
cg16753670	BAGE4;BAGE5;BAGE3;BAGE;BAGE2	0.00700047	0.0302202	0.509982	-1.96085	0.0111712	0.431561	-2.31717	0.0149697	0.453609	-2.20454	0.832239	0.945486	-1.05766	0.000342701	0.217956	-4.58809
cg24337318	BAGE5;BAGE2;BAGE;BAGE3;BAGE4	0.0298148	0.0356308	0.319651	-3.12841	0.00738121	0.199889	-5.00277	0.0585604	0.369143	-2.70898	0.696702	0.833039	-1.20042	0.00335772	0.15552	-6.43003
cg26689799	BAGE5;BAGE;BAGE2;BAGE4;BAGE3	0.0231107	0.0250944	0.419076	-2.3862	0.0329268	0.442957	-2.25756	0.0149804	0.376708	-2.65458	0.0957552	0.550343	-1.81705	0.00488271	0.295895	-3.37958
cg26950102	BAGE;BAGE5;BAGE3;BAGE2;BAGE;BAGE2;BAGE4;BAGE4;BAGE3;BAGE5	0.00207945	0.00678496	0.354554	-2.82045	0.00405051	0.31961	-3.12881	0.0185984	0.430292	-2.32401	0.698759	1.1218	1.1218	0.000212562	0.160584	-6.22728
cg25754933	BAHCC1	0.00060372	0.72994	0.945348	-1.05781	0.139654	0.772764	-1.29406	0.000462604	0.409199	-2.4438	0.721056	1.05987	1.05987	0.0303055	0.661669	-1.51133
cg24550880	BAHCC1	0.000650054	0.000247197	3.08376	3.08376	0.00931208	1.84745	1.84745	0.029497	0.620668	-1.61117	0.00889332	1.85786	1.85786	0.0295922	0.6209	-1.61056
cg08386696	BAHCC1	0.000881926	1.29E-05	0.301951	-3.31179	0.153837	0.819148	-1.22078	0.0157626	0.679396	-1.47189	0.791702	1.03519	1.03519	0.632816	0.939047	-1.06491
cg24349804	BAHCC1	0.00371195	0.0554887	0.753952	-1.32634	0.058442	0.757119	-1.3208	0.000176649	0.437205	-2.28726	0.891972	1.01784	1.01784	0.645128	0.94144	-1.0622
cg21373806	BAHCC1	0.00383892	0.243675	0.804501	-1.24301	0.00964186	1.79357	1.79357	0.318728	0.83213	-1.20174	0.139789	0.753267	-1.32755	0.000300504	0.350468	-2.85333
cg26312493	BAHCC1	0.005127	0.344125	1.23365	1.23365	0.000850769	0.339534	-2.94521	0.0973521	0.675707	-1.47993	0.520907	0.86918	-1.15051	0.00711526	0.472784	-2.11513
cg04665204	BAHCC1	0.00784489	0.115607	1.51766	1.51766	0.802438	1.06305	1.06305	0.00405091	0.39013	-2.56325	0.41028	1.22797	1.22797	0.00997207	0.452205	-2.21139
cg25292663	BAHCC1	0.00830462	0.0248484	0.62957	-1.58839	0.0137357	0.589869	-1.69529	0.00586301	0.535337	-1.86798	0.0195389	0.613269	-1.63061	0.0180657	0.608015	-1.6447
cg27177415	BAHCC1	0.0086036	0.35049	0.763377	-1.30997	0.248134	0.712323	-1.40386	0.480659	0.817568	-1.22314	0.0680619	0.5632	-1.77557	0.000452336	0.211545	-4.72712
cg22660619	BAHCC1	0.00967039	0.148474	0.824007	-1.21358	0.00134432	0.55886	-1.78936	0.00870233	0.658644	-1.51827	0.120475	1.23411	1.23411	0.567145	0.930302	-1.07492
cg07944798	BAHCC1	0.0157337	0.355032	0.625806	-1.59794	0.719466	0.838497	-1.19261	0.796802	0.881683	-1.13419	?	?	?	0.485357	0.706296	-1.41584
cg24527461	BAHCC1	0.0190959	0.862729	0.973765	-1.02694	0.085679	1.33885	1.33885	0.021387	0.653923	-1.52923	0.643092	1.07432	1.07432	0.0215508	0.654406	-1.5281
cg18050634	BAHCC1	0.0200164	0.0768253	2.34829	2.34829	0.762596	1.14046	1.14046	0.00231073	0.157736	-6.33971	0.145016	1.97189	1.97189	0.0361759	0.347547	-2.87731
cg10965164	BAHCC1	0.0203311	0.129363	1.2321	1.2321	0.608318	0.936283	-1.06805	0.778659	1.03654	1.03654	0.836808	1.02662	1.02662	0.934597	0.9896	-1.01051
cg12194745	BAHCC1	0.0204089	0.291156	0.775008	-1.29031	0.0109737	0.475848	-2.10151	0.00348542	0.397555	-2.51538	0.172307	0.713178	-1.40217	0.0101606	0.470331	-2.12616
cg19536407	BAHCC1	0.0225056	0.538218	0.881095	-1.13495	0.0153808	1.82967	1.82967	0.118795	1.41047	1.41047	0.808472	0.951868	-1.05057	0.57303	0.890762	-1.12263
cg16560774	BAHCC1	0.0226829	0.0391848	0.277356	-3.60547	0.570054	0.734572	-1.36134	0.660622	1.26799	1.26799	0.822839	0.88647	-1.12807	0.788241	0.865305	-1.15566
cg11699517	BAHCC1	0.0234383	0.533101	1.22643	1.22643	0.00438506	3.42161	3.42161	0.238585	0.67093	-1.49047	0.0955754	0.553243	-1.80752	0.0800278	0.53367	-1.87382
cg01810575	BAHCC1	0.0253138	0.0084051	0.276041	-3.62265	0.540278	0.788933	-1.26753	0.802055	0.908417	-1.10082	0.0517823	0.428977	-2.33113	0.0193712	0.339177	-2.94831
cg23370394	BAHCC1	0.0257763	0.131821	0.81315	-1.22978	0.0235847	0.709089	-1.41026	0.711232	1.04842	1.04842	0.370986	0.889751	-1.12391	0.675042	0.947796	-1.05508
cg21936552	BAHCC1	0.0258683	0.0207643	0.131632	-7.59695	0.0466375	0.190214	-5.25723	0.0362565	0.169725	-5.89188	0.0787838	0.241236	-4.14531	0.347336	0.494166	-2.02361
cg13477614	BAHCC1	0.0263864	0.00560619	0.510769	-1.95783	0.22551	1.26508	1.26508	0.558117	0.896363	-1.11562	0.137372	0.744095	-1.34391	0.363084	0.841409	-1.18848
cg16776981	BAHCC1	0.0277005	0.535035	1.33991	1.33991	0.0024985	7.07463	7.07463	0.484084	1.39265	1.39265	0.478025	0.714644	-1.3993	0.012238	0.233716	-4.2787
cg12692386	BAHCC1	0.0325535	0.261312	0.666711	-1.4999	0.0465936	2.2004	2.2004	0.416295	1.3331	1.3331	0.202506	0.627738	-1.59302	0.627282	0.844228	-1.18451
cg25348105	BAHCC1	0.0360337	0.608818	1.14144	1.14144	0.124687	1.53118	1.53118	0.0168212	2.11206	2.11206	0.489993	1.19689	1.19689	0.256342	0.738105	-1.35482
cg19171919	BAHCC1	0.0433027	0.251903	0.792055	-1.26254	0.104391	0.707686	-1.41306	0.425742	0.853495	-1.17165	0.129829	0.727082	-1.37536	0.00190694	0.424658	-2.35484
cg13752239	BAHCC1	0.0475828	0.530817	1.18033	1.18033	0.0108938	0.434005	-2.30412	0.00428778	0.368774	-2.71169	0.327308	0.767924	-1.30221	0.822467	1.06044	1.06044
cg21127508	BAHD1	2.97E-05	0.000108068	0.442775	-2.25848	0.00104423	0.56032	-1.78469	3.03E-05	0.377679	-2.64775	0.110997	1.23031	1.23031	2.89E-05	0.375408	-2.66377
cg15431934	BAHD1	0.00219583	0.341222	0.797939	-1.25323	0.733873	1.08171	1.08171	0.215819	0.740958	-1.3496	0.724262	0.921715	-1.08493	0.000125716	0.214999	-4.65119
cg15891644	BAHD1	0.00285715	0.283118	1.2715	1.2715	0.0169877	0.534226	-1.87187	0.761281	0.936481	-1.06783	0.162701	1.37848	1.37848	0.000282929	0.278668	-3.58849
cg04170294	BAHD1	0.00313158	0.104279	0.846221	-1.18172	0.0113436	0.742251	-1.34725	0.0807443	1.19973	1.19973	0.101829	0.845026	-1.1834	0.00687282	0.719596	-1.38967
cg02479871	BAHD1	0.0044861	0.181455	0.782215	-1.27842	0.029059	1.56121	1.56121	0.542842	0.898838	-1.11255	0.482566	1.13153	1.13153	0.000296057	0.360489	-2.77401
cg23228048	BAHD1	0.00546499	0.0016563	0.682975	-1.46418	0.0210324	1.25633	1.25633	0.819775	1.01839	1.01839	0.0643766	0.844559	-1.18405	0.00481661	0.731504	-1.36705
cg23950688	BAHD1	0.0130114	0.157957	0.768264	-1.30164	0.327129	1.19322	1.19322	0.521526	1.12014	1.12014	0.0484223	0.674503	-1.48257	0.0644215	0.695724	-1.43735
cg03350042	BAHD1	0.0130868	0.601625	0.919402	-1.08766	0.274656	0.834163	-1.19881	0.022178	1.54877	1.54877	0.283397	1.19459	1.19459	0.0324672	0.670731	-1.49091
cg05758861	BAI1	2.67E-07	9.21E-06	5.83274	5.83274	3.22E-08	39.4067	39.4067	1.89E-07	18.7332	18.7332	5.11E-06	6.73862	6.73862	0.0491291	1.51157	1.51157
cg01040361	BAI1	9.74E-06	3.04E-05	2.71368	2.71368	0.000136369	2.24447	2.24447	3.41E-06	3.81864	3.81864	2.59E-05	2.77508	2.77508	0.00019329	2.15666	2.15666
cg22988346	BAI1	0.000693081	0.791487	1.06541	1.06541	0.0374405	1.78144	1.78144	0.023811	1.90603	1.90603	0.596356	1.13635	1.13635	0.000103275	0.193476	-5.16861
cg07139330	BAI1	0.000813649	?	?	?	0.226421	0.453607	-2.20455	?	?	?	0.013975	0.151171	-6.61504	0.729419	0.805637	-1.24125
cg21817896	BAI1	0.000907571	0.0950531	1.67379	1.67379	0.00018504	5.89055	5.89055	2.78E-05	10.1542	10.1542	0.0257536	2.10361	2.10361	0.14961	1.54315	1.54315
cg26159052	BAI1	0.00122546	0.247517	1.24816	1.24816	0.585325	0.90392	-1.10629	0.0672422	0.686593	-1.45647	0.0377634	1.55542	1.55542	5.18E-05	0.249515	-4.00778
cg20817363	BAI1	0.00157352	0.111254	0.663724	-1.50665	0.000159594	5.19379	5.19379	0.000278671	4.50977	4.50977	0.158932	1.42569	1.42569	0.109499	0.662107	-1.51033
cg25459800	BAI1	0.00327588	0.804525	0.962483	-1.03898	0.0391981	0.692138	-1.4448	0.0164544	0.636355	-1.57145	0.644087	0.930773	-1.07438	0.114234	1.30335	1.30335
cg09544050	BAI1	0.00678201	0.019371	2.78922	2.78922	0.00100498	5.87778	5.87778	0.0198801	2.77267	2.77267	0.0449556	2.30429	2.30429	0.836658	0.927844	-1.07777
cg09968723	BAI1	0.00731172	0.0391744	7.66597	7.66597	0.0175018	11.799	11.799	0.211735	3.07319	3.07319	0.20123	3.1642	3.1642	0.0159741	12.3991	12.3991
cg04678462	BAI1	0.00774512	0.378721	1.27826	1.27826	0.0213697	2.12081	2.12081	0.00255951	3.11806	3.11806	0.0391081	1.91377	1.91377	0.520336	0.837664	-1.1938

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10817479	0.399315	1.10713	1.10713	0.0014727	1.71835	1.71835	0.0343073	0.747337	-1.33808	0.704995	0.956129	-1.04588	4.93239	1.08683	0.195862	1
cg06044468	0.123757	1.40665	1.40665	0.00144516	2.56598	2.56598	0.462092	1.16559	1.16559	0.19164	0.753564	-1.32703	4.03579	2.67782	0.589794	1
cg19790640	0.0103068	0.411737	-2.42874	0.0273519	0.488387	-2.04756	0.151552	0.655855	-1.52473	0.203719	0.691931	-1.44523	7.7801	9.28595	1.06094	1
cg14884291	0.222349	1.30411	1.30411	0.0793765	1.49659	1.49659	0.0775815	1.50103	1.50103	0.921132	0.979705	-1.02072	5.71249	3.87818	0.603463	1
cg09833545	0.578853	0.896092	-1.11596	0.000799276	0.37134	-2.69295	0.411568	1.17856	1.17856	0.00286705	0.448123	-2.23153	71.1977	43.1742	0.539021	1
cg01923020	0.277734	1.24579	1.24579	0.444135	0.859079	-1.16404	0.00293692	2.21524	2.21524	0.0398191	0.629583	-1.58835	6.14194	3.68751	0.533672	1
cg02062003	0.013986	1.46795	1.46795	0.0023331	0.584182	-1.7118	0.369247	1.12371	1.12371	0.301487	1.14499	1.14499	5.58965	1.41613	0.2252	1
cg22261612	0.0560783	1.4898	1.4898	0.0195726	0.594686	-1.68156	0.975376	0.99433	-1.0057	0.484881	1.1397	1.1397	3.63171	1.95225	0.477829	1
cg15427448	3.16E-05	0.0800905	-12.4859	0.0098498	0.362103	-2.76164	0.581266	0.840741	-1.18943	0.493262	0.805192	-1.24194	10.6002	16.2804	1.3652	1
cg17007365	0.404908	1.11206	1.11206	0.000380797	0.493004	-2.02838	0.137326	1.22073	1.22073	0.222409	0.852301	-1.17329	5.50145	1.35348	0.218687	1
cg04954795	0.138858	0.757997	-1.31927	0.0426961	1.50046	1.50046	0.0224606	1.60885	1.60885	0.0433454	0.667551	-1.49801	13.6588	6.54322	0.425821	1
cg16365807	0.00332506	0.353227	-2.83104	0.00230949	0.330094	-3.02944	0.457643	1.21763	1.21763	0.026253	0.503432	-1.98636	11.8026	12.669	0.954142	1
cg08120044	0.000415644	0.461219	-2.16817	0.195637	1.2082	1.2082	0.16934	1.22426	1.22426	0.335653	1.14706	1.14706	8.6882	2.62794	0.268864	1
cg18151134	0.00501683	0.406053	-2.46273	0.0277644	0.531788	-1.88045	0.632528	1.12407	1.12407	0.20501	0.722775	-1.38356	3.88568	3.62727	0.829776	1
cg16635863	0.287983	1.20532	1.20532	0.841071	1.03457	1.03457	0.768324	0.951227	-1.05127	0.0389494	0.667238	-1.49872	3.51134	1.59357	0.40341	1
cg21831811	0.654728	0.924491	-1.08168	0.00299304	0.491559	-2.03434	0.123943	1.33722	1.33722	0.123773	0.747703	-1.33743	3.5058	1.68918	0.428289	1
cg18175606	0.105504	0.368314	-2.71508	0.10132	0.363031	-2.75458	0.0580697	0.29824	-3.353	0.119678	0.38535	-2.59504	3.45934	17.4767	4.49071	1
cg00734483	0.111133	0.557087	-1.79505	?	?	?	0.0154185	2.72384	2.72384	0.156758	1.66621	1.66621	6.94369	11.1077	1.59968	1
cg21845373	0.000206452	0.616429	-1.62225	0.000737587	1.49051	1.49051	0.904991	1.00934	1.00934	0.712673	1.02921	1.02921	10.792	1.03583	0.0853162	1
cg01300218	0.127188	0.727136	-1.37526	0.000843952	0.379225	-2.63696	0.553892	0.890772	-1.12262	0.0158307	0.564977	-1.76998	7.41407	4.38161	0.52532	1
cg14867395	0.00835829	0.443618	-2.25419	0.542369	1.16038	1.16038	0.399433	0.812158	-1.23129	0.299137	0.771398	-1.29635	6.30391	5.80806	0.818972	1
cg01612285	0.699793	1.15712	1.15712	0.0112769	0.302583	-3.30488	0.764348	1.11989	1.11989	0.791224	0.904906	-1.10509	5.30215	11.9117	1.99696	1
cg14918353	0.587884	0.89742	-1.11431	0.035804	0.616824	-1.62121	0.0161606	0.558728	-1.78978	0.458437	1.16107	1.16107	37.2054	23.0575	0.550875	1
cg03693762	0.0233049	0.694228	-1.44045	0.157034	0.815672	-1.22598	0.29146	1.15877	1.15877	0.017536	0.677636	-1.47572	9.69352	2.78231	0.255136	1
cg26921846	0.000394235	0.558551	-1.79035	0.180525	1.15802	1.15802	0.929745	0.990943	-1.00914	0.879899	0.984521	-1.01572	7.77229	1.31037	0.149863	1
cg24788122	0.321669	0.841219	-1.18875	0.00465034	0.529567	-1.88834	0.32308	1.18811	1.18811	0.00789663	0.562456	-1.77792	5.8361	2.6361	0.401501	1
cg09143663	0.39725	1.45914	1.45914	0.839273	0.915281	-1.09256	0.120661	2.08279	2.08279	0.118222	2.09464	2.09464	3.41692	10.2826	2.67495	1
cg23530064	0.851471	1.04728	1.04728	0.00501625	2.49682	2.49682	0.971041	0.991092	-1.00899	0.998081	0.999407	-1.00059	5.97627	5.75008	0.855246	1
cg22076474	0.273661	0.769299	-1.29988	0.0456022	0.589929	-1.69512	0.0518912	1.6641	1.6641	0.0194531	0.521842	-1.91629	5.69025	4.77719	0.746257	1
cg07613023	5.25E-05	0.299624	-3.33752	0.0810434	0.734587	-1.36131	3.75E-07	0.0976615	-10.2395	3.95E-05	0.285443	-3.50332	41.6759	16.7823	0.357943	1
cg10643578	0.000128035	0.0997841	-10.0216	0.0787756	1.9649	1.9649	6.52E-05	0.0791325	-12.637	0.0096287	0.321805	-3.10748	24.6031	46.6486	1.68537	1
cg16897634	0.251115	1.32428	1.32428	0.402882	1.22203	1.22203	0.112901	0.667522	-1.49808	0.0027717	0.3804	-2.62881	20.2529	17.5993	0.772424	1
cg26978379	0.000136436	0.48381	-2.06693	0.38135	1.10381	1.10381	0.503965	1.07745	1.07745	0.020438	0.735422	-1.35976	9.8041	1.87891	0.170351	1
cg15420692	0.407957	0.860709	-1.16183	3.37E-05	0.240654	-4.15534	0.285964	1.21699	1.21699	0.218443	1.25785	1.25785	9.0397	4.4963	0.442129	1
cg20768122	0.83227	1.02894	1.02894	0.061977	0.753773	-1.32666	0.282598	0.860564	-1.16203	0.00110496	0.52374	-1.90934	8.70628	2.49428	0.25466	1
cg23244234	0.333684	0.845644	-1.18253	0.0266791	1.55513	1.55513	0.206443	0.799266	-1.25115	0.00664292	0.553062	-1.80812	7.78157	3.48423	0.398004	1
cg17486314	0.26378	1.6527	1.6527	0.00280313	0.169288	-5.90711	0.107791	2.1316	2.1316	0.157548	0.521099	-1.91902	6.61367	19.4839	2.61866	1
cg03986578	0.0204457	3.75444	3.75444	0.308978	1.64649	1.64649	0.00849869	4.90737	4.90737	0.0320281	3.28591	3.28591	6.30831	22.4084	3.15751	1
cg18965377	0.450221	0.719393	-1.39006	?	?	?	?	?	?	0.0195128	4.42589	4.42589	14.3195	15.4213	1.07695	1
cg04508839	0.318291	0.679974	-1.47065	0.71267	1.14834	1.14834	0.409627	1.3707	1.3707	0.474248	1.31275	1.31275	4.67575	10.3543	1.96841	1
cg10365984	0.0411735	0.228734	-4.37189	0.00236207	0.0702321	-14.2385	0.0538873	0.253968	-3.93751	0.0829898	0.300572	-3.32699	3.86367	23.9972	5.52088	1
cg09471887	0.215028	1.42171	1.42171	0.247561	1.38532	1.38532	0.118832	1.57841	1.57841	0.579617	1.16283	1.16283	3.80168	4.37636	1.02326	1
cg12062597	0.792695	1.05002	1.05002	0.846906	0.964818	-1.03646	0.102173	1.39299	1.39299	0.0123103	0.561242	-1.78176	3.70757	2.0161	0.483359	1
cg02486351	0.32007	0.874697	-1.14325	0.00592519	1.5984	1.5984	0.151281	1.22185	1.22185	0.263279	1.16411	1.16411	3.68845	0.991818	0.239021	1
cg24700316	0.7246	1.1126	1.1126	0.275429	0.710175	-1.4081	0.239601	1.44982	1.44982	0.00589857	0.337355	-2.96424	3.47867	5.01266	1.28086	1
cg01757534	0.10576	0.494475	-2.02235	0.0336438	2.7177	2.7177	0.468791	1.33714	1.33714	0.116412	1.97273	1.97273	7.46547	13.9138	1.86376	1
cg25069102	0.713298	1.07259	1.07259	0.110267	1.39165	1.39165	0.00152075	2.37955	2.37955	0.00889589	1.88152	1.88152	6.17811	3.52786	0.507579	1
cg05075833	0.12491	0.533634	-1.87395	0.00129132	0.169831	-5.88821	0.320206	0.678173	-1.47455	0.395546	1.38955	1.38955	4.57622	10.3608	2.01249	1
cg16911342	0.19628	0.759862	-1.31603	4.51E-05	0.211958	-4.71791	0.128045	1.39189	1.39189	0.224222	1.29253	1.29253	8.39066	5.36784	0.568657	1
cg26468130	0.21436	0.84735	-1.18015	5.49E-05	0.386113	-2.58991	0.354812	1.12819	1.12819	0.731799	1.04456	1.04456	7.47271	1.90024	0.226036	1
cg19421484	0.144059	0.616442	-1.62221	0.0195565	2.38637	2.38637	0.344476	0.740691	-1.35009	0.0885605	0.560367	-1.78454	4.21803	6.34811	1.33777	1
cg14116162	0.259234	0.763536	-1.3097	0.0598382	1.62702	1.62702	0.00734062	2.20817	2.20817	0.0312889	1.78449	1.78449	3.8192	3.17815	0.739689	1
cg22841110	0.817819	1.02869	1.02869	0.0420011	0.750289	-1.33282	0.0602171	1.29675	1.29675	0.0151248	1.4419	1.4419	3.61873	0.86149	0.211613	1
cg00829944	0.212137	0.91661	-1.09098	0.000350156	0.683369	-1.46334	0.555487	1.0403	1.0403	0.107975	0.890302	-1.12321	7.20249	0.500695	0.0617929	1
cg00925229	0.0817091	0.778715	-1.28417	0.0017383	0.560491	-1.78415	0.902841	0.984293	-1.01596	0.231908	0.849982	-1.1765	3.43169	0.913435	0.236601	1
cg26968245	0.656635	1.06796	1.06796	0.44399	0.891656	-1.12151	0.611094	1.07827	1.07827	0.051502	0.722003	-1.38504	3.40975	1.16604	0.303976	1
cg06435046	?	?	?	0.0161892	0.509168	-1.96399	0.458802	1.18898	1.18898	0.488874	0.851005	-1.17508	6.78517	5.0297	0.741278	1
cg27164797	0.279672	0.462806	-2.16073	0.000224629	0.0148757	-67.2239	0.0354094	0.186527	-5.36116	0.0845291	0.270358	-3.6988	5.65298	42.0752	6.61602	1
cg10230427	0.0924724	0.35667	-2.80371	0.00166732	0.0817836	-12.2274	0.0133494	0.1815	-5.50964	0.0523658	0.292748	-3.4159	5.53565	27.1781	4.36414	1
cg25319570	0.138546	1.39386	1.39386	0.359428	1.21681	1.21681	0.896164	0.973175	-1.02756	0.874896	1.03336	1.03336	5.51999	3.79146	0.610543	1
cg24373308	0.110276	0.491834	-2.03321	0.883267	0.9426	-1.0609	0.0086357	0.246345	-4.05935	?	?	?	5.70729	9.54761	1.95169	1
cg18460809	0.135928	0.544932	-1.83509	0.0108597	3.3481	3.3481	0.0102028	3.3999	3.3999	0.342244	1.4473	1.4473	3.81487	8.62417	2.00948	1
cg03690162	0.890078	1.01957	1.01957	0.00251505	0.555384	-1.80056	0.023473	0.684317	-1.46131	0.0745296	0.756947	-1.3211	5.52737	1.71971	0.276557	1
cg08756008	0.0062394	0.253441	-3.94569	0.00793012	0.269543	-3.70998	0.00907813	0.278956	-3.58479	0.0331422	0.383245	-2.6093	5.01055	11.7668	2.08748	1
cg15055039	?	?	?	0.82926	1.09267	1.09267	0.000714871	0.120742	-8.28214	0.418093	1.4043	1.4043	4.84993	11.4967	2.3705	1
cg10186347	0.0240149	0.34005	-2.94075	0.570592	0.794801	-1.25818	0.53999	0.779899	-1.28222	0.0888314	0.471413	-2.12128	4.35311	11.0683	2.2601	1
cg18908677	0.743664	0.962231	-1.03925	0.00106968	1.76327	1.76327	0.164889	0.840434	-1.18986	0.37884	0.899483	-1.11175	4.22822	0.921912	0.193812	1
cg10154626	0.0479303	0.577536	-1.73149	0.0587992	0.595611	-1.67895	0.0856787	0.630553	-1.58591	0.882323	1.03661	1.03661	3.57286	3.33509	0.829735	1
cg02046226	0.0255229	0.682344	-1.46554	0.040533	1.40589	1.40589	0.900989	1.01809	1.01809	0.0226286	1.48158	1.48158	3.47506	1.14161	0.292013	1
cg16493090	0.0244397	1.42127	1.42127	0.43571	0.900979	-1.1099	0.649212	1.06188	1.06188	0.0367577	1.37455	1.37455	6.81138	1.85474	0.242045	1
cg03072082	0.379776	1.09135	1.09135	0.00538909	0.700864	-1.42681	3.55E-05	0.461055	-2.16894	0.156122	0.863119	-1.15859	10.7031	1.5956	0.132514	1
cg11759446	0.0867363	1.4238	1.4238	0.0590061	0.67152	-1.48916	0.295672	1.2245	1.2245	0.00360819	2.08722	2.08722	8.38727	4.63327	0.491038	1
cg14152306	0.721002	0.917415	-1.09002	0.00896978	0.449852	-2.22295	0.0513395	1.70453	1.70453	0.162703	0.698919	-1.43078	6.98545	6.39207	0.813382	1
cg11129439	0.602447	1.11631	1.11631	0.412006	1.19198	1.19198	0.224548	1.30617	1.30617	0.890889	1.02915	1.02915	5.968	4.1431	0.617084	1
cg15569512	0.00872302	0.665222	-1.50326	0.0241403	0.720368	-1.38818	0.14464	0.82603	-1.21061	0.345415	1.12585	1.12585	5.4469	1.28363	0.209478	1
cg22860607	0.0237598	1.4884	1.4884	0.0170102	0.651277	-1.53544	0.740748	1.05015	1.05015	0.717999	0.947961	-1.0549	4.62864	1.59188	0.305706	1
cg04689407	0.074678	1.20073	1.20073	0.00522845	0.712174	-1.40415	0.146645	0.866291	-1.15435	0.616156	1.04767	1.04767	4.23106	0.568818	0.119501	1
cg07610822	0.1538	0.696756	-1.43522	0.0900654	0.642709	-1.55591	0.582705	1.14031	1.14031	0.089335	0.641932	-1.5578	3.52151	3.12274	0.788234	1
cg26287988	0.613909	1.07795	1.07795	0.133144	1.27004	1.27004	0.49908	1.10654	1.10654	0.926852	1.01364	1.01364	4.10753	1.41613	0.306458	1
cg05038757	0.378351	0.861722	-1.16047	0.0109517	0.591116	-1.69171	0.141047	1.29779	1.29779	0.000139798	0.338578	-2.95353	21.2955	9.14415	0.381683	1
cg16753670	0.0134613	0.445518	-2.24458	0.0780392	0.59606	-1.67768	0.081224	0.600013	-1.66663	0.0210141	0.480175	-2.08257	6.61498	7.31591	0.983076	1
cg24337318	0.0676702	0.384957	-2.59769	0.0485021	0.349533	-2.86096	0.112108	0.446282	-2.24074	0.113991	0.44849	-2.2297	4.09583	14.1085	3.06187	1
cg26689799	0.0463231	0.47473	-2.10646	0.0164556	0.384152	-2.60314	0.140504	0.595993	-1.67787	0.0152953	0.378347	-2.64308	4.47744	7.5549	1.49985	1
cg26950102	0.515448	0.822911	-1.2152	0.300885	1.37274	1.37274	0.715891	1.11408	1.11408	0.00229532	0.283768	-3.524	9.53298	13.1878	1.22968	1
cg25754933	0.199549	0.802668	-1.24585	1.29E-05	0.226452	-4.41595	0.0145273	0.61368	-1.62951	0.459097	0.884921	-1.13004	13.5605	5.64902	0.370293	1
cg24550880	0.0157617	1.73412	1.73412	0.559822	1.11596	1.11596	0.0984247	1.40105	1.40105	0.000238461	3.10231	3.10231	13.2833	7.28363	0.487403	1
cg08386696	0.765499	0.961672	-1.03986	0.11599	1.25008	1.25008	0.548027	1.08266	1.08266	0.404057	1.11802	1.11802	12.1924	3.29641	0.240326	1
cg24349804	0.164983	1.21257	1.21257	0.242963	1.17233	1.17233	0.00345726	0.596549	-1.67631	0.161303	0.823111	-1.2149	8.03103	2.1538	0.238386	1
cg21373806	0.00824596	0.547419	-1.82676	0.15114	1.31565	1.31565	0.825655	0.961422	-1.04013	0.796717	1.04711	1.04711	7.95028	4.00424	0.447698	1
cg26312493	0.00414863	0.436911	-2.2888	0.0328776	1.71213	1.71213	0.425149	0.83905	-1.19182	0.168835	0.729138	-1.37148	7.28258	5.35488	0.6536	1
cg04665204	0.19209	1.4004	1.4004	0.00296384	2.70399	2.70399	0.959067	1.0126	1.0126	0.304146	1.29636	1.29636	6.38333	6.01359	0.837403	1
cg25292663	0.0347034	0.652751	-1.53198	0.0063372	0.540217	-1.85111	0.0621934	1.43872	1.43872	0.193948	0.788108	-1.26886	6.26989	2.98085	0.422598	1
cg27177415	0.199401	0.683211	-1.46368	0.0139437	2.34738	2.34738	0.320881	1.33398	1.33398	0.582664	1.16874	1.16874	6.20022	7.75204	1.11136	1
cg22660619	0.729159	0.957516	-1.04437	0.610394	1.06628	1.06628	0.018094	1.43126	1.43126	0.524454	0.922598	-1.0839	5.97424	1.47601	0.219611	1
cg07944798	?	?	?	?	?	?	0.00131199	0.0709551	-14.0934	0.0534728	3.06959	3.06959	7.05756	16.8756	2.39113	1
cg24527461	0.70004	0.942263	-1.06127	0.00613461	1.73212	1.73212	0.394145	0.874518	-1.14349	0.0864356	1.33771	1.33771	4.77892	1.78616	0.33223	1
cg18050634	0.974904	1.01374	1.01374	0.123912	2.06031	2.06031	0.213147	0.56622	-1.7661	0.345057	1.52486	1.52486	4.70325	14.0192	2.64955	1
cg10965164	0.0373522	1.36037	1.36037	0.0003881	2.05587	2.05587	0.360656	1.12715	1.12715	0.250538	1.16525	1.16525	4.67837	1.20208	0.228394	1
cg12194745	0.12845	0.682253	-1.46573	0.0115485	0.47953	-2.08537	0.0339013	0.561994	-1.77938	0.0480428	0.591058	-1.69188	4.67229	4.00654	0.762233	1
cg19536407	0.673699	0.91757	-1.08983	0.000966635	2.71257	2.71257	0.886854	0.971495	-1.02934	0.583727	0.893685	-1.11896	4.51854	2.9527	0.580857	1
cg16560774	0.875626	1.08782	1.08782	0.000501446	0.0536869	-18.6265	0.449313	1.51333	1.51333	0.547647	1.38678	1.38678	4.50636	20.611	4.06557	1
cg11699517	0.561389	1.20909	1.20909	0.850747	0.940914	-1.0628	0.0282042	0.432645	-2.31136	0.0571712	0.498711	-2.00517	4.45574	7.377	1.47166	1
cg01810575	0.0260036	0.36409	-2.74658	0.00353127	0.220385	-4.53751	0.158982	0.562337	-1.77829	0.0565324	0.438012	-2.28304	4.33836	10.047	2.05853	1
cg23370394	0.966181	0.994623	-1.00541	0.00240116	1.71224	1.71224	0.265069	0.862693	-1.15916	0.142947	1.22165	1.22165	4.31106	1.10404	0.227639	1
cg21936552	0.0157868	0.115971	-8.62281	0.00191175	0.0406864	-24.5782	0.274024	0.436427	-2.29133	0.0682688	0.226028	-4.42423	4.3057	36.1851	7.47022	1
cg13477614	0.0608885	1.47739	1.47739	0.674827	0.925014	-1.08106	0.0657601	1.46438	1.46438	0.0357431	0.636726	-1.57053	4.27596	2.31107	0.480427	1
cg16776981	0.802998	1.12347	1.12347	0.320393	1.61318	1.61318	0.134135	2.12209	2.12209	0.561808	0.76093	-1.31418	4.20367	14.4428	3.05401	1
cg12692386	0.080864	0.511758	-1.95405	0.00189117	0.217865	-4.59	0.665908	0.860424	-1.16222	0.411068	0.747599	-1.33761	3.96941	7.52896	1.68599	1
cg25348105	0.602254	0.87392	-1.14427	0.0072584	0.41161	-2.42948	0.384933	0.795875	-1.25648	0.12702	1.52653	1.52653	3.82653	3.98112	0.924798	1
cg19171919	0.0660472	0.669228	-1.49426	0.270109	1.25065	1.25065	0.602012	1.10792	1.10792	0.289415	0.807205	-1.23884	3.5765	2.14881	0.534057	1
cg13752239	0.0340731	0.52419	-1.9077	0.422964	0.807568	-1.23829	0.490636	0.832904	-1.20062	0.63935	0.884042	-1.13117	3.45233	3.7286	0.960022	1
cg21127508	8.77E-05	0.432029	-2.31466	9.49E-05	0.436062	-2.29325	0.0162093	1.42053	1.42053	0.0103297	0.679986	-1.47062	30.5447	6.89312	0.200599	1
cg15431934	0.0749429	0.633517	-1.57849	0.00168234	0.355788	-2.81066	0.028281	1.81489	1.81489	0.0335589	0.564707	-1.77083	9.3825	7.87148	0.745736	1
cg15891644	0.000881856	0.341768	-2.92596	0.140482	0.710692	-1.40708	0.174711	0.732775	-1.36468	0.0479576	0.614489	-1.62737	8.68287	6.37919	0.653055	1
cg04170294	0.033073	0.791121	-1.26403	0.0018136	0.659063	-1.51731	0.000438838	0.593211	-1.68574	0.656564	0.958794	-1.04298	8.44965	1.18307	0.124457	1
cg02479871	0.00804585	0.555521	-1.80011	0.0499579	0.679031	-1.47269	0.877492	1.02707	1.02707	0.0408059	0.664415	-1.50508	7.58484	3.60146	0.422066	1
cg23228048	?	?	?	0.307596	1.08845	1.08845	0.369406	0.928776	-1.07669	0.0584583	1.19002	1.19002	8.42171	0.739617	0.0768448	1
cg23950688	0.847909	1.0341	1.0341	0.00106679	2.32679	2.32679	0.10155	1.36758	1.36758	0.138665	1.32097	1.32097	5.42859	2.62183	0.429303	1
cg03350042	0.573626	1.09495	1.09495	0.0270703	0.658691	-1.51816	0.00294093	1.9185	1.9185	0.286436	1.19315	1.19315	5.41835	2.18404	0.358294	1
cg05758861	1.34E-06	9.72489	9.72489	3.07E-06	7.69371	7.69371	4.02E-06	7.16849	7.16849	2.43E-06	8.20621	8.20621	102.651	55.0131	0.476377	1
cg01040361	5.77E-06	3.48956	3.48956	0.000130981	2.25506	2.25506	0.000203075	2.14477	2.14477	2.24E-05	2.83209	2.83209	40.8426	9.70352	0.211185	1
cg22988346	0.000281104	0.241727	-4.1369	0.590145	0.878073	-1.13886	0.102825	1.5323	1.5323	0.117434	0.665896	-1.50174	13.0472	11.8154	0.804967	1
cg07139330	0.315926	0.524474	-1.90667	2.79E-05	0.0058904	-169.768	0.00318751	0.081556	-12.2615	0.0147953	0.15465	-6.46623	13.1482	62.7422	5.45364	1
cg21817896	0.553422	1.18335	1.18335	0.0891858	1.69273	1.69273	0.0492656	1.87799	1.87799	0.120778	1.60398	1.60398	12.0941	15.1038	1.1101	1
cg26159052	0.763298	0.946131	-1.05694	0.258695	1.24118	1.24118	0.00520275	0.508611	-1.96614	0.0917797	1.40544	1.40544	11.105	5.91192	0.473214	1
cg20817363	0.0463496	1.72217	1.72217	0.474078	1.18551	1.18551	0.783153	1.06646	1.06646	0.461212	1.19169	1.19169	12.4147	10.4627	0.655484	1
cg25459800	0.00729843	1.70491	1.70491	0.000469574	2.33421	2.33421	0.147156	0.786715	-1.27111	0.240744	0.827464	-1.20851	8.33701	3.13982	0.334766	1
cg09544050	0.00715703	3.5248	3.5248	0.00768235	3.4651	3.4651	0.0083605	3.39545	3.39545	0.0291559	2.54097	2.54097	6.68063	13.9245	1.85272	1
cg09968723	0.015353	12.67	12.67	0.00113911	59.3756	59.3756	0.00126292	55.4992	55.4992	0.0255777	9.61913	9.61913	6.52573	75.2755	10.2535	1
cg04678462	0.0101253	2.41542	2.41542	0.00248311	3.13659	3.13659	0.00602397	2.65235	2.65235	0.0702332	1.73352	1.73352	6.40904	7.50115	1.04036	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25473866	BAI1	0.0093027	0.0110247	2.18095	2.18095	0.033338	1.83708	1.83708	0.0527996	1.71309	1.71309	0.054765	1.7036	1.7036	0.0200466	1.98607	1.98607
cg04655278	BAI1	0.00975732	0.666214	1.05079	1.05079	0.380956	0.902488	-1.10805	0.13718	0.832947	-1.20056	0.998998	0.999857	-1.00014	0.139362	0.833914	-1.19916
cg08762403	BAI1	0.012047	0.00750957	8.60767	8.60767	0.0144912	6.58363	6.58363	0.0106564	7.4538	7.4538	0.121935	2.85442	2.85442	0.264148	0.482783	-2.07132
cg02478907	BAI1	0.0122462	0.0651339	2.55433	2.55433	0.00187331	7.36976	7.36976	0.118901	2.15228	2.15228	0.14783	2.02016	2.02016	0.0299404	3.1793	3.1793
cg12853648	BAI1	0.0164753	0.544436	0.812085	-1.2314	0.00161154	4.63838	4.63838	0.589896	1.20277	1.20277	0.12433	1.75878	1.75878	0.0822399	0.520364	-1.92173
cg14250251	BAI1	0.0177053	0.807841	0.957468	-1.04442	0.738293	1.06164	1.06164	0.0211056	0.609763	-1.63998	0.644808	0.920538	-1.08632	0.143516	1.32362	1.32362
cg26953288	BAI1	0.0238843	0.370235	1.28052	1.28052	0.00564274	2.65411	2.65411	0.0333389	1.95093	1.95093	0.176752	1.47088	1.47088	0.155917	0.665015	-1.50373
cg10422833	BAI1	0.0315034	0.702184	1.13816	1.13816	0.70239	1.13805	1.13805	0.252638	0.668653	-1.49554	0.0106738	0.339207	-2.94805	0.0343065	0.435303	-2.29725
cg00713567	BAI1	0.0362551	0.161145	2.02167	2.02167	0.00672069	5.22356	5.22356	0.15007	2.06623	2.06623	0.427301	1.46407	1.46407	0.032748	3.23813	3.23813
cg14695492	BAI1	0.0411671	0.0465401	2.76891	2.76891	0.0436475	2.81865	2.81865	0.174587	1.90629	1.90629	0.361515	1.52053	1.52053	0.0213936	3.43924	3.43924
cg11335323	BAI1	0.0443235	0.290007	0.69474	-1.43939	0.00871859	0.330085	-3.02952	0.043908	0.463931	-2.15549	0.835046	1.0716	1.0716	0.161914	0.609379	-1.64101
cg14634760	BAI1	0.0452372	0.47661	0.876508	-1.14089	0.0296574	1.59398	1.59398	0.0341721	1.56853	1.56853	0.00506832	1.96371	1.96371	0.439391	0.866212	-1.15445
cg06043159	BAI1	0.0476373	0.0249314	6.68004	6.68004	0.680275	1.34298	1.34298	0.323725	2.0654	2.0654	0.0452837	5.12625	5.12625	0.532534	0.637697	-1.56814
cg03924566	BAI1;BAI1	0.0242003	0.0540127	3.52379	3.52379	0.0175103	5.28686	5.28686	0.0733951	3.15711	3.15711	0.438408	1.57644	1.57644	0.0577551	3.44034	3.44034
cg15677989	BAI2	5.54E-05	0.469275	1.06558	1.06558	0.0319279	0.805033	-1.24218	0.0865134	0.849297	-1.17744	0.740892	1.02904	1.02904	7.81E-06	0.429334	-2.32919
cg08042273	BAI2	0.000870158	0.0214317	1.53847	1.53847	0.127767	1.29261	1.29261	0.0648934	1.38144	1.38144	0.00234372	1.93859	1.93859	0.578675	1.09137	1.09137
cg24839533	BAI2	0.00271393	0.0542085	0.797685	-1.25363	0.861828	0.982138	-1.01819	0.782134	1.0291	1.0291	0.865833	1.01765	1.01765	0.0243907	0.757668	-1.31984
cg17879376	BAI2	0.0029368	0.145718	0.725937	-1.37753	0.00293384	0.432661	-2.31128	0.161235	0.735796	-1.35907	0.825725	0.955789	-1.04626	0.004298	0.457042	-2.18798
cg26392989	BAI2	0.00387814	0.313573	0.872494	-1.14614	0.00243953	1.73669	1.73669	0.00166528	1.80146	1.80146	0.793976	1.03484	1.03484	0.239018	1.17512	1.17512
cg00826603	BAI2	0.00403372	0.0581129	1.92187	1.92187	0.00223169	3.69246	3.69246	0.0017177	3.91553	3.91553	0.00261499	3.56582	3.56582	0.384896	0.762043	-1.31226
cg10773309	BAI2	0.0164985	0.347163	0.843241	-1.1859	0.142445	1.3201	1.3201	0.0271247	1.58522	1.58522	0.681904	0.929985	-1.07529	0.0278113	0.632566	-1.58086
cg17519449	BAI2	0.0205085	0.469117	1.23524	1.23524	0.671082	1.13035	1.13035	0.271558	0.720142	-1.38862	0.830035	1.0636	1.0636	0.0301657	0.481306	-2.07768
cg00973823	BAI2	0.0274713	0.289105	0.747615	-1.33759	0.260535	0.733303	-1.36369	0.00669433	2.53387	2.53387	0.73326	0.913548	-1.09463	0.142676	0.659358	-1.51663
cg14157855	BAI2	0.0295156	0.285096	0.71214	-1.40422	0.417694	1.28817	1.28817	0.962782	0.985834	-1.01437	0.54192	0.827973	-1.20777	0.0221179	0.432163	-2.31394
cg00901198	BAI2	0.0326173	0.196439	0.58599	-1.70651	0.575175	0.801261	-1.24803	0.578545	1.24555	1.24555	0.76708	0.890273	-1.12325	0.00330284	0.208885	-4.78732
cg07142668	BAI2	0.0344293	0.640219	0.951854	-1.05058	0.199594	0.867573	-1.15264	0.276706	1.12591	1.12591	0.0581203	1.25168	1.25168	0.839557	0.978975	-1.02148
cg08409816	BAI3	0.00031329	0.899641	0.990455	-1.00964	0.00922093	1.28564	1.28564	0.00128545	1.42865	1.42865	0.889738	1.0106	1.0106	0.0800712	1.15907	1.15907
cg13225596	BAI3	0.000981877	0.885245	0.965413	-1.03583	0.0246853	1.91932	1.91932	0.0117263	2.15427	2.15427	3.03E-05	0.13702	-7.29819	0.160915	1.44053	1.44053
cg24573321	BAI3	0.00243311	0.139706	0.749517	-1.33419	0.867266	1.03081	1.03081	0.130169	1.34525	1.34525	0.115583	1.3639	1.3639	0.000175507	0.315183	-3.17276
cg15327380	BAI3	0.00467999	0.0133253	1.46496	1.46496	0.00700491	0.647753	-1.5438	0.0128538	0.680646	-1.46919	0.34354	0.885581	-1.1292	0.0369275	1.35226	1.35226
cg04569381	BAI3	0.00820902	0.0225827	0.674047	-1.48358	0.218404	1.20563	1.20563	0.0138304	1.55185	1.55185	0.579554	1.0842	1.0842	0.1939	1.21963	1.21963
cg24119500	BAI3	0.00882978	0.054024	0.590684	-1.69295	0.153711	0.692337	-1.44438	?	?	?	0.069603	1.62993	1.62993	0.0341069	0.551412	-1.81353
cg13371910	BAI3	0.0230177	0.00935389	0.299226	-3.34196	0.483492	0.770519	-1.29783	0.0447256	0.430179	-2.32462	0.914375	1.04016	1.04016	0.0143791	0.331353	-3.01793
cg01618102	BAI3	0.0268471	0.0536255	0.525459	-1.9031	0.119832	1.64132	1.64132	0.0499721	0.518743	-1.92774	0.471946	0.806678	-1.23965	0.0269508	0.46338	-2.15806
cg15210854	BAI3	0.0414136	0.0121827	0.212183	-4.71292	0.461694	1.45043	1.45043	0.659145	0.802285	-1.24644	0.623232	0.78213	-1.27856	0.00156273	0.10481	-9.5411
cg13045310	BAI3	0.0447499	0.0392332	0.796115	-1.2561	0.00571873	0.707297	-1.41383	0.10416	0.843835	-1.18507	0.501987	0.936951	-1.06729	0.371975	1.09156	1.09156
cg08039592	BAIAP2;BAIAP2;BAIAP2	0.0352453	0.833525	0.949148	-1.05358	0.0101232	2.23548	2.23548	0.132516	1.49557	1.49557	0.0690529	1.65609	1.65609	0.260941	0.747717	-1.3374
cg09859805	BAIAP2;BAIAP2;BAIAP2	0.0382623	0.259969	1.27167	1.27167	0.203464	1.31593	1.31593	0.217701	1.30373	1.30373	0.00539265	2.11535	2.11535	0.432844	1.17787	1.17787
cg01276536	BAIAP2;BAIAP2;BAIAP2;BAIAP2	5.30E-05	0.0414979	0.749472	-1.33427	0.0237469	1.39253	1.39253	0.0993518	1.24808	1.24808	0.751292	1.03978	1.03978	0.0618682	0.77263	-1.29428
cg26174768	BAIAP2;BAIAP2;BAIAP2;BAIAP2	6.31E-05	0.0370618	0.537061	-1.86198	0.00182796	0.320753	-3.11766	0.000511806	0.248332	-4.02686	0.479063	1.20293	1.20293	1.77E-06	0.0467388	-21.3955
cg16550485	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.00171199	0.000671873	0.336734	-2.9697	0.00210264	2.47217	2.47217	0.00461028	2.20088	2.20088	0.885199	1.03069	1.03069	0.053798	0.632456	-1.58114
cg08155116	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.00223574	0.26412	1.23185	1.23185	0.196555	1.27712	1.27712	0.642366	0.919635	-1.08739	0.00384299	2.00958	2.00958	0.35347	0.842801	-1.18652
cg27222205	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.00370403	0.761776	1.05503	1.05503	0.713254	1.0672	1.0672	0.0534611	1.47182	1.47182	0.605166	1.09625	1.09625	0.000582086	0.391718	-2.55286
cg23261327	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.00693698	0.645297	0.831738	-1.2023	0.102764	2.03313	2.03313	0.974628	0.987438	-1.01272	0.859895	1.07275	1.07275	0.209896	0.591402	-1.6909
cg13739640	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.00700116	0.392864	1.16564	1.16564	0.682478	1.07468	1.07468	0.0146075	1.69311	1.69311	0.0860794	0.717413	-1.3939	0.000504682	0.385967	-2.5909
cg01310345	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.00910188	0.954209	1.01489	1.01489	0.186534	1.43376	1.43376	0.0414057	1.83167	1.83167	0.328	0.771213	-1.29666	0.000369182	0.230641	-4.33575
cg18447950	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.00920445	0.0744052	0.320659	-3.11858	0.354232	0.57964	-1.72521	0.945829	1.03965	1.03965	0.471901	0.657905	-1.51998	0.000500634	0.0443924	-22.5264
cg06578276	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0168219	0.338751	0.771964	-1.2954	0.000932015	0.273366	-3.6581	0.0247321	0.495715	-2.01729	0.719106	1.09943	1.09943	0.198588	0.70006	-1.42845
cg19159404	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0204587	0.211724	2.24716	2.24716	0.00240377	13.4964	13.4964	0.0392354	4.34154	4.34154	0.604355	1.37948	1.37948	0.112823	0.345684	-2.89282
cg13563094	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0247254	0.268188	0.674496	-1.48259	0.396779	1.34484	1.34484	0.0736557	0.506175	-1.9756	0.84926	0.937098	-1.06712	0.0020793	0.227693	-4.39188
cg20446334	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0313367	0.0537127	0.0827262	-12.0881	0.791823	0.740111	-1.35115	0.699851	1.55383	1.55383	0.667718	0.611812	-1.63449	0.00827584	0.0214647	-46.588
cg05640361	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0322043	0.0170287	0.351299	-2.84657	0.0165149	0.348845	-2.8666	0.0791755	0.496186	-2.01537	0.624533	0.837469	-1.19407	0.00682277	0.283598	-3.52612
cg08885198	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0354677	0.119312	0.520406	-1.92158	0.359632	1.43897	1.43897	0.440264	1.35542	1.35542	0.340776	0.684325	-1.46129	0.00756357	0.2651	-3.77216
cg22300320	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0390947	0.242435	1.61759	1.61759	0.0335494	0.376751	-2.65427	0.295169	1.53235	1.53235	0.0702288	2.21585	2.21585	0.798193	0.904179	-1.10598
cg12189382	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0438306	0.575971	0.765066	-1.30708	0.699104	0.831868	-1.20211	0.775435	0.873232	-1.14517	0.178076	0.507528	-1.97033	0.000602223	0.0814597	-12.276
cg05046936	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0456099	0.267463	1.35944	1.35944	0.152487	1.50287	1.50287	0.29263	1.33671	1.33671	0.473947	1.21359	1.21359	0.0289826	1.98237	1.98237
cg15010854	BAIAP2;FLJ90757;BAIAP2;BAIAP2;BAIAP2	2.96E-05	0.581712	1.04646	1.04646	0.186422	0.891961	-1.12113	0.05438	0.836788	-1.19505	0.717265	1.03013	1.03013	0.0858416	0.856452	-1.16761
cg23043230	BAIAP2L1	5.24E-05	0.121309	0.825624	-1.21121	0.000232891	0.498329	-2.00671	0.144742	0.836377	-1.19563	2.53E-05	0.385277	-2.59554	1.03E-05	0.340581	-2.93616
cg23043780	BAIAP2L1	7.58E-05	0.565508	0.915851	-1.09188	0.0634888	1.37126	1.37126	0.168604	1.24853	1.24853	0.440366	0.887753	-1.12644	0.893457	0.979929	-1.02048
cg26980996	BAIAP2L1	0.000112181	0.289735	0.721766	-1.38549	9.98E-06	0.0599478	-16.6812	0.00270636	0.292464	-3.41923	0.597638	1.17122	1.17122	0.000546295	0.203164	-4.92214
cg10592494	BAIAP2L1	0.00132725	0.721171	1.05523	1.05523	0.328553	1.16332	1.16332	0.847231	0.971482	-1.02936	0.00568208	0.580311	-1.72322	1.96E-05	0.272908	-3.66423
cg05569854	BAIAP2L1	0.00291113	0.000553667	0.171289	-5.83809	0.12401	0.577926	-1.73033	0.220666	0.654525	-1.52782	0.13814	0.591247	-1.69134	0.00324942	0.266833	-3.74767
cg07830472	BAIAP2L1	0.00344207	0.0013835	0.108014	-9.25807	0.0663516	0.372197	-2.68675	0.00727661	0.189857	-5.26711	0.104363	0.426519	-2.34456	0.00101236	0.0962718	-10.3873
cg02083492	BAIAP2L1	0.00351499	0.238782	0.831022	-1.20334	0.191142	0.812494	-1.23078	0.000653625	0.456672	-2.18975	0.729653	1.05343	1.05343	0.211088	0.820637	-1.21857
cg17341174	BAIAP2L1	0.00598639	0.00495314	0.288052	-3.47159	0.0466001	0.466635	-2.143	0.0841587	0.52776	-1.8948	0.105562	0.553549	-1.80652	0.000807443	0.184397	-5.42308
cg15211734	BAIAP2L1	0.0061322	0.000276995	0.317085	-3.15373	0.514358	1.13612	1.13612	0.047888	0.646268	-1.54735	0.11313	0.716929	-1.39484	0.00413019	0.476028	-2.10072
cg06981716	BAIAP2L1	0.00895039	0.0180276	0.474173	-2.10893	0.89088	0.964978	-1.03629	0.00141207	0.301121	-3.32092	0.3945	0.797317	-1.25421	0.0425278	0.545212	-1.83415
cg09244174	BAIAP2L1	0.00923139	0.0294719	0.600442	-1.66544	0.493118	0.870684	-1.14852	0.00197093	0.418938	-2.38699	0.29759	0.806677	-1.23965	0.0160336	0.556302	-1.79758
cg21549225	BAIAP2L1	0.00984746	0.00446705	0.289317	-3.45642	0.00573605	0.305914	-3.26889	0.00916031	0.338751	-2.95202	0.0735314	0.520703	-1.92048	0.0196523	0.397783	-2.51393
cg18852765	BAIAP2L1	0.010839	0.346839	0.710226	-1.408	0.347047	0.710337	-1.40778	0.959828	0.982366	-1.01795	0.159335	0.587879	-1.70103	0.0299172	0.40563	-2.4653
cg03493211	BAIAP2L1	0.0176825	0.00890292	0.0734302	-13.6184	0.754932	0.782174	-1.27849	0.0673083	0.200151	-4.99622	0.0473559	0.168618	-5.93057	0.0054568	0.0568213	-17.599
cg00277769	BAIAP2L1	0.0306249	0.0439112	0.38096	-2.62495	0.242181	0.600417	-1.66551	0.194311	0.564257	-1.77224	0.0584391	0.410209	-2.43778	0.00354885	0.192663	-5.19042
cg02270952	BAIAP2L1	0.0328216	0.0603062	0.336515	-2.97164	0.299102	1.73886	1.73886	0.552447	0.734211	-1.36201	0.119527	0.419637	-2.38301	0.00910202	0.182049	-5.49304
cg09267113	BAIAP2L1;BAIAP2L1	7.30E-06	0.000726823	2.0043	2.0043	0.335404	1.14386	1.14386	0.803135	0.966767	-1.03437	0.738744	1.04633	1.04633	0.178678	0.824217	-1.21327
cg09183941	BAIAP2L1;BAIAP2L1	0.00080394	0.666961	1.13901	1.13901	0.641487	1.1514	1.1514	0.883141	1.04521	1.04521	0.684398	0.884388	-1.13073	0.94807	0.980608	-1.01978
cg10069666	BAIAP2L1;BRI3	0.0186181	0.419054	0.785575	-1.27295	0.00482246	0.335213	-2.98318	0.00205201	0.280945	-3.55941	0.809149	1.07329	1.07329	0.0147566	0.415993	-2.40389
cg08196512	BAIAP2L2	0.000391532	0.00395463	0.699705	-1.42917	0.00145181	1.5278	1.5278	0.0212173	0.774762	-1.29072	0.333255	0.912151	-1.09631	0.00712746	1.37739	1.37739
cg09247692	BAIAP2L2	0.0089376	0.132014	0.673778	-1.48417	0.569965	0.869834	-1.14964	0.00151242	0.329584	-3.03413	0.0167244	2.03282	2.03282	0.0196408	0.504263	-1.98309
cg11461302	BAIAP2L2	0.00927962	0.01421	1.93424	1.93424	0.00889479	2.06685	2.06685	0.0023915	2.51692	2.51692	0.656772	0.907064	-1.10246	0.0241542	1.79742	1.79742
cg00663519	BAIAP2L2	0.0202545	0.332913	0.917765	-1.0896	0.152211	1.14085	1.14085	0.269896	0.906009	-1.10374	0.00399128	0.717152	-1.3944	0.00536537	0.729776	-1.37028
cg00419702	BAIAP2L2	0.0248498	0.29505	1.66971	1.66971	0.37058	1.54351	1.54351	0.9769	0.986424	-1.01376	0.380349	1.5293	1.5293	0.75245	1.16111	1.16111
cg11744966	BAIAP2L2	0.0264346	0.496622	0.841324	-1.1886	0.135832	0.668745	-1.49534	0.15883	0.68592	-1.4579	0.0187375	2.04025	2.04025	0.478146	0.83484	-1.19783
cg00430484	BAIAP2L2	0.0270383	0.171694	1.52269	1.52269	0.183299	1.50382	1.50382	0.041655	0.507297	-1.97123	0.519323	0.827974	-1.20777	0.233115	0.696774	-1.43519
cg13868216	BAIAP2L2	0.0290517	0.1751	2.6926	2.6926	0.106197	3.35961	3.35961	0.155848	0.352434	-2.83741	0.424643	1.75072	1.75072	0.061864	0.235915	-4.23882
cg10531073	BAIAP2L2	0.0426086	0.225046	1.94899	1.94899	0.00396454	7.60602	7.60602	0.0594235	0.328144	-3.04744	0.523814	1.40259	1.40259	0.0423564	0.293929	-3.40218
cg17838773	BAIAP2L2;BAIAP2L2	0.0251019	0.0345304	1.65916	1.65916	0.116229	1.41994	1.41994	0.16609	1.35435	1.35435	0.0255064	1.7249	1.7249	0.0855767	0.676851	-1.47743
cg26616711	BAIAP3	0.000137411	0.600311	0.854978	-1.16962	0.163517	1.55379	1.55379	0.369116	1.31438	1.31438	0.803138	1.07683	1.07683	4.87E-05	0.103991	-9.61623
cg01893560	BAIAP3	0.000272922	0.0174207	0.646204	-1.5475	0.282459	0.844963	-1.18348	0.601657	1.08268	1.08268	0.010373	0.614508	-1.62732	0.000426839	0.431168	-2.31928
cg09848508	BAIAP3	0.000458474	0.00169268	2.82545	2.82545	0.0849833	1.55433	1.55433	0.161182	1.41413	1.41413	0.00872956	2.16776	2.16776	0.0189494	0.517899	-1.93088
cg01881308	BAIAP3	0.000715145	0.242471	0.709852	-1.40874	0.127306	1.58718	1.58718	0.314608	0.747267	-1.33821	0.948747	0.982152	-1.01817	0.000821798	0.24362	-4.10476
cg04099705	BAIAP3	0.00182209	0.222336	0.677661	-1.47566	0.345681	0.744787	-1.34267	0.023678	0.440661	-2.26932	0.934118	0.975228	-1.0254	4.14E-05	0.0934921	-10.6961
cg09526712	BAIAP3	0.0021606	0.00107879	2.88129	2.88129	0.057178	1.60273	1.60273	0.561851	0.879344	-1.13721	0.000577107	3.21416	3.21416	0.154527	1.39665	1.39665
cg08877672	BAIAP3	0.00838961	0.221389	0.741564	-1.3485	0.0112544	2.09299	2.09299	0.00494736	2.37676	2.37676	0.235485	1.33537	1.33537	0.945718	1.01596	1.01596
cg01856892	BAIAP3	0.0124839	0.419673	1.16491	1.16491	0.00153975	2.32454	2.32454	0.0196522	0.593455	-1.68505	0.46025	1.14934	1.14934	0.0162343	0.580278	-1.72331
cg19494587	BAIAP3	0.0132641	0.552692	0.816672	-1.22448	0.00683648	0.306901	-3.25838	0.0342406	2.30005	2.30005	0.731309	1.12324	1.12324	0.0152731	0.366292	-2.73007
cg08996483	BAIAP3	0.0235823	0.275442	1.28137	1.28137	0.116678	0.689021	-1.45133	0.0265942	0.563102	-1.77588	0.977918	0.99397	-1.00607	0.00701633	0.466847	-2.14203
cg06161600	BAIAP3	0.0272351	0.129152	1.66316	1.66316	0.00490783	3.17845	3.17845	0.277191	0.704248	-1.41995	0.681791	1.13644	1.13644	0.395039	0.763187	-1.31029
cg27040104	BAIAP3	0.0286253	0.00956529	0.338054	-2.95811	0.00717836	3.14938	3.14938	0.530578	0.810601	-1.23365	0.0790192	1.90524	1.90524	0.171887	0.618355	-1.61719
cg18282543	BAIAP3	0.0288555	0.13176	0.737145	-1.35659	0.00575452	1.97078	1.97078	0.0523548	0.661253	-1.51228	0.596162	0.904607	-1.10545	0.0886268	0.703208	-1.42206
cg26618499	BAIAP3	0.0309291	0.00392537	0.252554	-3.95955	0.272237	1.4996	1.4996	0.80478	0.91594	-1.09177	0.240837	0.647031	-1.54552	0.00925106	0.310011	-3.22569
cg27429832	BAIAP3	0.034967	0.721164	0.926857	-1.07891	0.275071	0.786099	-1.2721	0.0602488	0.638164	-1.56699	0.0729489	0.654478	-1.52793	0.00205394	0.398344	-2.51039
cg13208590	BAK1	0.00138399	0.0041795	0.344017	-2.90683	0.800447	1.07296	1.07296	0.334723	0.75835	-1.31865	0.912605	0.969935	-1.031	0.00102516	0.258413	-3.86977
cg24505687	BAK1	0.00271414	0.575116	0.898737	-1.11267	7.43E-05	0.257425	-3.88462	0.0140841	0.564777	-1.77061	0.0646088	1.47894	1.47894	0.708559	0.93166	-1.07335
cg10531711	BAK1	0.020754	0.312117	0.704852	-1.41874	0.010391	0.33977	-2.94317	0.00977094	0.335236	-2.98298	0.214313	0.645764	-1.54855	0.00476074	0.285428	-3.50351
cg01143145	BAK1;BAK1	0.0231648	0.0510346	0.822342	-1.21604	0.448664	0.9343	-1.07032	0.983862	0.998221	-1.00178	0.753172	0.972617	-1.02815	0.45503	1.06927	1.06927
cg15241786	BAK1;BAK1	0.0462069	0.4729	0.887561	-1.12668	0.00639375	0.560057	-1.78553	0.307096	0.841351	-1.18856	0.90345	0.980368	-1.02003	0.0555398	0.701516	-1.42548
cg07232003	BAMBI	0.0121853	0.0422358	0.297016	-3.36682	0.0747263	0.357035	-2.80085	0.0316011	0.270465	-3.69734	0.322237	0.588295	-1.69983	0.0264349	0.255256	-3.91764
cg17482424	BAMBI	0.0134551	0.0593535	0.253751	-3.94087	0.331514	0.524395	-1.90696	0.0326598	0.199768	-5.0058	0.545794	0.67443	-1.48273	0.0197063	0.162874	-6.13971
cg05046589	BAMBI	0.0358501	0.171472	0.339521	-2.94533	0.0039254	0.0561485	-17.8099	0.0192372	0.122308	-8.17606	0.794745	0.824118	-1.21342	0.0978163	0.25986	-3.84822
cg18472228	BAMBI;BAMBI	0.0148846	0.683251	1.0756	1.0756	0.00310433	2.05171	2.05171	0.161787	1.30393	1.30393	0.788774	1.04885	1.04885	0.648712	1.08488	1.08488
cg02427764	BANF1;BANF1;EIF1AD	0.00847061	0.863065	1.01346	1.01346	0.741213	1.026	1.026	0.219323	0.904804	-1.10521	0.222178	1.10446	1.10446	0.0356565	0.827489	-1.20848
cg04264417	BANF1;BANF1;EIF1AD;BANF1;BANF1	0.00167965	0.000261254	0.426596	-2.34414	0.104681	1.28618	1.28618	0.00878844	1.60567	1.60567	0.040177	1.39999	1.39999	0.0126597	0.644157	-1.55242
cg17891968	BANF2	0.0457275	0.460639	0.760401	-1.3151	0.155261	0.574311	-1.74122	0.0639829	0.468062	-2.13647	0.806057	1.09385	1.09385	0.0570473	0.456043	-2.19278
cg16876236	BANF2;BANF2;BANF2	6.41E-06	3.91E-06	0.450788	-2.21834	0.000340644	0.651951	-1.53386	2.07E-06	0.420477	-2.37825	0.0431201	0.841549	-1.18829	3.65E-06	0.447538	-2.23445
cg07722360	BANF2;BANF2;BANF2	0.00055628	0.000264692	0.170973	-5.84889	0.0281504	0.465671	-2.14744	0.00695285	0.357203	-2.79953	0.0385235	0.493301	-2.02716	9.08E-05	0.127115	-7.86688
cg27403628	BANF2;BANF2;BANF2	0.000929682	0.00433913	0.395432	-2.52888	0.00220132	0.351796	-2.84256	0.000159212	0.207832	-4.81159	0.0149564	0.482756	-2.07144	0.0034134	0.379683	-2.63377
cg27140058	BANK1;BANK1	0.0354433	0.023419	26.3428	26.3428	0.0167646	34.0056	34.0056	0.169188	5.86725	5.86725	0.109583	8.2263	8.2263	0.0214688	28.1433	28.1433
cg27064287	BANK1;BANK1	0.0422314	0.0189896	24.3788	24.3788	0.0125406	32.8453	32.8453	0.0751965	9.27971	9.27971	0.291185	3.42693	3.42693	0.0407189	14.2491	14.2491
cg23730277	BANK1;BANK1;BANK1	0.000369732	0.0110939	0.710421	-1.40762	3.34E-05	0.421486	-2.37256	0.908984	0.987797	-1.01235	0.688294	0.957628	-1.04425	0.17438	1.16779	1.16779
cg15006682	BANK1;BANK1;BANK1	0.000858418	0.0062839	0.524593	-1.90624	0.00419006	0.498981	-2.00408	0.000275629	0.339834	-2.94262	0.0019728	0.452763	-2.20866	0.0100431	0.554956	-1.80195
cg26396815	BANK1;BANK1;BANK1	0.0147214	0.161528	0.788436	-1.26833	0.250333	1.21045	1.21045	0.00673328	0.57199	-1.74828	0.0714356	0.726083	-1.37725	0.362843	0.861829	-1.16032
cg00332153	BANK1;BANK1;BANK1;BANK1	0.0184701	0.0331254	5.09556	5.09556	0.0261797	5.60949	5.60949	0.213733	2.35334	2.35334	0.0991979	3.25934	3.25934	0.0146142	7.13935	7.13935
cg25023994	BANK1;BANK1;BANK1;BANK1	0.0481547	0.0579286	2.72445	2.72445	0.0101556	4.55326	4.55326	0.431247	1.45585	1.45585	0.391719	1.50725	1.50725	0.0668977	2.61274	2.61274
cg07729681	BANP;BANP	0.000121004	0.284342	1.17106	1.17106	2.06E-06	0.190046	-5.26188	0.993501	1.00116	1.00116	0.0350384	1.41725	1.41725	0.430756	1.12096	1.12096
cg04067574	BANP;BANP	0.000404737	0.0341085	0.856533	-1.1675	0.000365688	0.699388	-1.42982	0.040505	1.15971	1.15971	0.558721	1.03773	1.03773	8.83E-05	0.644105	-1.55254
cg27571676	BANP;BANP	0.000428486	0.894077	1.01146	1.01146	7.59E-05	1.84755	1.84755	0.00667952	1.35119	1.35119	0.847585	1.01659	1.01659	0.0239979	1.25899	1.25899
cg10838260	BANP;BANP	0.000882171	0.00436908	0.613415	-1.63022	0.5229	0.920242	-1.08667	0.613043	0.936632	-1.06766	0.251249	0.857378	-1.16635	0.000183062	0.443999	-2.25226
cg06591145	BANP;BANP	0.000970785	0.0727198	0.786797	-1.27098	0.0599806	1.28936	1.28936	0.442899	0.910557	-1.09823	0.00010575	2.27037	2.27037	0.0721194	0.78631	-1.27176
cg02145701	BANP;BANP	0.00126291	0.0666882	0.774917	-1.29046	0.972228	0.995692	-1.00433	0.231949	1.16822	1.16822	0.891872	1.01701	1.01701	0.0209556	0.708558	-1.41132
cg02267536	BANP;BANP	0.00179395	0.0942424	0.566724	-1.76453	0.0444206	0.490369	-2.03928	0.0235296	0.433892	-2.30472	0.0837924	0.553962	-1.80518	2.12E-05	0.0711048	-14.0637
cg10366647	BANP;BANP	0.00263123	0.0058963	1.37102	1.37102	0.000132261	0.559495	-1.78733	0.0482215	1.21864	1.21864	0.213948	0.891711	-1.12144	0.0991735	0.853573	-1.17155
cg05224642	BANP;BANP	0.00281357	0.654849	1.11437	1.11437	0.00039674	3.88521	3.88521	0.0725428	0.617432	-1.61961	0.06719	1.63834	1.63834	0.140234	0.682582	-1.46503
cg27247569	BANP;BANP	0.00286911	0.542649	0.762417	-1.31162	0.824585	0.906907	-1.10265	0.00228806	0.153049	-6.53386	0.731993	1.16337	1.16337	9.68E-05	0.0472719	-21.1542
cg03355327	BANP;BANP	0.00306188	0.14065	1.22683	1.22683	0.0264457	1.40418	1.40418	0.0618566	0.76243	-1.3116	0.2511	1.16728	1.16728	0.0030709	0.592833	-1.68682
cg23986219	BANP;BANP	0.00337976	0.179188	0.735519	-1.35958	0.00337065	0.423809	-2.35955	0.12213	0.697191	-1.43433	0.474866	0.85518	-1.16934	0.00862017	0.486223	-2.05667
cg02036259	BANP;BANP	0.00344696	0.442972	0.835994	-1.19618	0.0176624	0.516367	-1.93661	0.91305	1.02533	1.02533	0.000305385	0.261003	-3.83137	0.0582409	0.612536	-1.63256
cg09870004	BANP;BANP	0.00346749	0.337436	0.921035	-1.08573	0.00475415	1.36594	1.36594	0.372536	0.926679	-1.07912	0.0226282	1.25487	1.25487	0.0854879	1.1713	1.1713
cg05703749	BANP;BANP	0.00357517	0.0314979	0.634465	-1.57613	0.00384232	0.495217	-2.01932	0.00262174	0.471681	-2.12008	0.00955309	0.553221	-1.8076	0.815629	0.958745	-1.04303
cg10088879	BANP;BANP	0.00488326	0.212542	1.13578	1.13578	0.0294898	0.779904	-1.28221	0.00967474	1.37363	1.37363	0.816631	0.977728	-1.02278	0.907511	0.988793	-1.01133
cg07930510	BANP;BANP	0.00495041	0.960616	0.986216	-1.01398	0.293431	0.736136	-1.35844	0.256845	0.717022	-1.39466	0.880165	0.958481	-1.04332	5.47E-05	0.120982	-8.26568
cg03468397	BANP;BANP	0.00509653	0.425739	1.06583	1.06583	0.0836962	0.860672	-1.16188	0.0728956	0.854866	-1.16977	0.43627	1.06423	1.06423	0.541532	1.04963	1.04963

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25473866	0.00256805	2.77991	2.77991	0.0013808	3.10892	3.10892	0.0198081	1.98975	1.98975	0.0503488	1.7255	1.7255	6.04847	5.72862	0.841884	1
cg04655278	0.104829	1.2243	1.2243	0.000473896	1.87147	1.87147	0.269542	0.876979	-1.14028	0.03568	1.32196	1.32196	5.9572	1.22983	0.183506	1
cg08762403	0.57835	0.703801	-1.42086	0.00447566	10.7132	10.7132	0.0249756	5.30612	5.30612	0.144168	2.66863	2.66863	5.56643	34.5068	5.51031	1
cg02478907	0.0180852	3.67018	3.67018	0.00264393	6.57965	6.57965	0.0108538	4.25738	4.25738	0.0588845	2.62794	2.62794	5.53687	17.9853	2.88735	1
cg12853648	0.285322	1.45723	1.45723	0.687379	0.871744	-1.14713	0.0084121	3.13292	3.13292	0.0846368	1.91003	1.91003	5.02179	9.15633	1.62073	1
cg14250251	0.0315168	0.637725	-1.56807	0.00508163	1.93596	1.93596	0.056318	0.680121	-1.47033	0.110241	0.733096	-1.36408	4.90224	2.47017	0.447898	1
cg26953288	0.00727388	2.5353	2.5353	0.0459164	1.84934	1.84934	0.0557811	1.79025	1.79025	0.209122	1.42727	1.42727	4.4268	5.06281	1.0166	1
cg10422833	0.30303	1.43242	1.43242	0.00315729	0.256983	-3.89131	0.34047	0.718277	-1.39222	0.488203	0.788827	-1.2677	4.01628	7.21715	1.59731	1
cg00713567	0.0202592	3.73078	3.73078	0.00907897	4.75607	4.75607	0.0335945	3.214	3.214	0.140294	2.10901	2.10901	3.81803	13.3776	3.11449	1
cg14695492	0.025988	3.25642	3.25642	0.00462962	5.38234	5.38234	0.0433235	2.82448	2.82448	0.207096	1.81196	1.81196	3.64425	11.5206	2.81004	1
cg11335323	0.0264738	0.417877	-2.39305	0.0134646	0.362521	-2.75846	0.0656216	0.503976	-1.98422	0.882372	1.05033	1.05033	3.54555	6.17652	1.54848	1
cg14634760	0.712466	0.934805	-1.06974	0.613492	1.0972	1.0972	0.173678	1.30164	1.30164	0.51501	0.886711	-1.12776	3.51859	1.84841	0.466957	1
cg06043159	0.442428	1.74605	1.74605	0.00395079	15.7828	15.7828	0.0787978	4.01135	4.01135	0.0607872	4.50068	4.50068	3.45084	27.6795	7.12985	1
cg03924566	0.0185852	5.17301	5.17301	0.0035849	9.69476	9.69476	0.0081806	7.02055	7.02055	0.229368	2.06755	2.06755	4.40669	23.1462	4.6689	1
cg15677989	0.000161931	0.573801	-1.74276	2.72E-05	0.489719	-2.04199	0.0043428	1.38929	1.38929	0.261533	0.903926	-1.10629	25.9079	3.05369	0.104771	1
cg08042273	0.00277687	1.90211	1.90211	0.00424964	0.550786	-1.81559	0.000158746	2.73612	2.73612	0.00620389	1.74407	1.74407	12.2387	4.70939	0.342041	1
cg24839533	0.981669	0.997626	-1.00238	0.000276894	0.540249	-1.851	0.011067	1.39045	1.39045	0.0105032	1.39535	1.39535	8.81598	1.49446	0.150682	1
cg17879376	0.0139916	0.536714	-1.86319	0.000251087	0.289911	-3.44933	0.00183544	0.403548	-2.47802	0.101478	0.692343	-1.44437	8.6124	5.73514	0.591926	1
cg26392989	0.357096	1.13196	1.13196	0.00424445	0.60602	-1.65011	0.0726301	0.769427	-1.29967	0.200748	1.19345	1.19345	7.926	2.14985	0.241102	1
cg00826603	0.0297989	2.18145	2.18145	0.0125314	2.57893	2.57893	0.00405995	3.24401	3.24401	0.0636107	1.8892	1.8892	7.83264	11.5431	1.30997	1
cg10773309	0.0026279	0.480229	-2.08234	0.379161	0.853071	-1.17223	0.141911	1.32067	1.32067	0.418932	1.15658	1.15658	5.01943	2.46624	0.436746	1
cg17519449	0.713194	1.11171	1.11171	0.0885387	0.583357	-1.71422	0.00111309	3.96584	3.96584	0.582948	1.17241	1.17241	4.66455	6.07826	1.15829	1
cg00973823	0.594662	1.15253	1.15253	0.00516246	0.376772	-2.65413	0.332034	0.76757	-1.30281	0.217994	0.70997	-1.40851	4.21597	4.66529	0.983623	1
cg14157855	0.485564	0.805197	-1.24193	0.000705314	0.206269	-4.84803	0.581011	0.843293	-1.18583	0.523207	0.820511	-1.21875	4.1105	6.08611	1.31611	1
cg00901198	0.324911	0.671815	-1.48851	0.0024238	0.191616	-5.21878	0.296561	0.654755	-1.52729	0.513121	0.771419	-1.29631	3.96663	9.6189	2.15552	1
cg07142668	0.639381	1.05071	1.05071	0.0167581	0.736366	-1.35802	0.0777913	0.81428	-1.22808	0.00822661	0.701639	-1.42524	3.89019	0.676969	0.154684	1
cg08409816	0.775352	1.02199	1.02199	1.96E-05	0.517764	-1.93138	0.456139	0.943937	-1.05939	0.00672236	1.30626	1.30626	16.256	1.48777	0.081352	1
cg13225596	0.316339	0.776855	-1.28724	0.12179	1.50504	1.50504	0.597099	1.13885	1.13885	0.953291	1.01438	1.01438	11.8277	11.129	0.83638	1
cg24573321	0.145286	0.752964	-1.32808	0.00383619	0.493091	-2.02802	0.0414021	1.53228	1.53228	0.195057	0.779848	-1.2823	9.10438	4.74619	0.463385	1
cg15327380	0.0289195	1.37816	1.37816	0.00613064	1.56107	1.56107	0.549881	1.07825	1.07825	0.627054	0.940847	-1.06287	7.48799	1.83909	0.218316	1
cg04569381	0.00850367	0.615616	-1.62439	0.216314	0.828663	-1.20676	0.0216546	0.671479	-1.48925	0.0274114	1.45775	1.45775	6.29282	2.07953	0.293743	1
cg24119500	0.105058	1.53169	1.53169	0.679668	1.10512	1.10512	0.00134905	3.0674	3.0674	0.554388	0.865923	-1.15484	6.27427	5.11874	0.81583	1
cg13371910	0.187148	0.599402	-1.66833	0.00179679	0.196742	-5.0828	0.990882	0.995826	-1.00419	0.432689	0.745934	-1.3406	4.48367	9.51664	1.88668	1
cg01618102	0.711242	1.11536	1.11536	0.447262	1.25537	1.25537	0.0128282	2.47799	2.47799	0.129656	0.618344	-1.61722	4.25012	5.80294	1.21365	1
cg15210854	0.362117	0.628217	-1.59181	0.362263	0.628311	-1.59157	0.866489	0.919888	-1.08709	0.298825	0.586014	-1.70644	3.63621	14.1832	3.46716	1
cg13045310	0.431034	0.926063	-1.07984	0.679691	0.961096	-1.04048	0.308748	0.904219	-1.10593	0.0519117	1.23539	1.23539	3.53289	0.511113	0.128598	1
cg08039592	0.149939	1.4663	1.4663	0.10203	0.641606	-1.55859	0.0355956	1.83415	1.83415	0.061763	1.68486	1.68486	3.85737	3.75649	0.865644	1
cg09859805	0.0427271	1.61139	1.61139	0.0721136	1.50765	1.50765	0.00462574	2.16115	2.16115	0.0449456	1.60106	1.60106	3.7437	2.4803	0.588912	1
cg01276536	0.719859	0.956781	-1.04517	2.29E-05	2.82828	2.82828	2.48E-06	4.05334	4.05334	0.174955	1.19361	1.19361	26.2174	6.24885	0.211865	1
cg26174768	0.000112185	0.174985	-5.71477	0.0778712	0.604659	-1.65383	0.864235	0.95701	-1.04492	0.00286611	0.348768	-2.86723	25.0339	26.1389	0.928124	1
cg16550485	?	?	?	0.0718007	0.656671	-1.52283	0.991195	1.00231	1.00231	0.279484	0.79037	-1.26523	10.32	6.3606	0.616336	1
cg08155116	0.00380052	2.01236	2.01236	0.279009	1.22339	1.22339	0.00232747	0.466885	-2.14185	0.00110301	2.36714	2.36714	9.33316	4.74352	0.451773	1
cg27222205	0.729555	0.94068	-1.06306	0.000823024	2.43017	2.43017	0.258516	0.812424	-1.23088	0.422114	0.865465	-1.15545	8.03617	3.95156	0.437086	1
cg23261327	0.402746	1.40548	1.40548	0.0009119	7.17751	7.17751	0.000650008	7.99214	7.99214	0.486679	1.32437	1.32437	6.63379	16.6005	2.22437	1
cg13739640	0.681733	0.930342	-1.07487	0.837071	1.03671	1.03671	0.477046	1.13496	1.13496	0.0190172	0.608258	-1.64404	6.61478	3.21213	0.431644	1
cg01310345	0.905259	0.969828	-1.03111	0.0932834	1.60805	1.60805	0.209413	0.711481	-1.40552	0.385524	0.795404	-1.25722	6.09057	6.38624	0.93204	1
cg18447950	0.0103088	0.157321	-6.35644	0.905126	0.934051	-1.0706	0.682387	1.26544	1.26544	0.00449746	0.114525	-8.7317	6.06892	31.4681	4.609	1
cg06578276	0.147973	0.665397	-1.50286	0.0105044	0.429482	-2.32839	0.054337	0.563785	-1.77373	0.630431	1.13569	1.13569	4.98701	5.44124	0.96985	1
cg19159404	0.134919	2.69634	2.69634	0.196318	2.31836	2.31836	0.0443757	0.241434	-4.14191	0.836151	0.880333	-1.13593	4.66842	28.0053	5.33235	1
cg13563094	0.0151316	0.360929	-2.77062	0.0148449	0.359425	-2.78222	0.670269	0.863952	-1.15747	0.142562	0.583818	-1.71286	4.37399	8.0761	1.64124	1
cg20446334	0.114284	0.141662	-7.05907	0.00443567	0.0133064	-75.1517	0.0161329	0.0351174	-28.4759	0.284093	0.281953	-3.54669	4.02389	82.4881	18.2219	1
cg05640361	0.0502615	0.448203	-2.23113	0.0201375	0.364985	-2.73984	0.0878075	0.507887	-1.96894	0.0527661	0.453096	-2.20704	3.98479	8.15978	1.82021	1
cg08885198	0.0527269	0.427044	-2.34168	0.0110733	0.292013	-3.4245	0.461139	0.748338	-1.33629	0.0365706	0.39114	-2.55663	3.84858	9.10015	2.10182	1
cg22300320	0.0940368	0.48491	-2.06224	0.539015	0.783086	-1.277	0.0194115	0.3292	-3.03766	0.0834075	2.1242	2.1242	3.71428	9.09173	2.1758	1
cg12189382	0.876031	0.928682	-1.07679	0.957443	1.02561	1.02561	0.803616	0.88862	-1.12534	0.251995	0.567143	-1.76322	3.56039	12.6658	3.16216	1
cg05046936	0.209254	0.703421	-1.42162	0.670964	0.892624	-1.12029	0.01579	2.19487	2.19487	0.00796679	2.46993	2.46993	3.50778	3.92537	0.994708	1
cg15010854	0.0713442	1.17868	1.17868	3.69E-07	0.303169	-3.29849	0.140859	1.13802	1.13802	0.0114874	1.29447	1.29447	30.5595	3.2248	0.0938005	1
cg23043230	0.870459	0.981555	-1.01879	2.20E-05	0.378415	-2.6426	0.0244177	0.736459	-1.35785	0.804241	1.02873	1.02873	26.2977	5.41956	0.183187	1
cg23043780	0.066305	0.732241	-1.36567	0.753673	0.953485	-1.04878	7.27E-07	7.58678	7.58678	0.217671	1.21681	1.21681	23.8384	8.64385	0.322314	1
cg26980996	0.00457592	0.32621	-3.06551	3.17E-05	0.0902549	-11.0797	0.0469846	0.509334	-1.96335	0.00107221	0.238409	-4.19448	21.4696	29.9374	1.23948	1
cg10592494	0.131811	0.783478	-1.27636	0.0710424	0.738956	-1.35326	0.349771	0.865556	-1.15533	0.19098	0.812443	-1.23086	10.8544	3.86845	0.316796	1
cg05569854	0.000623706	0.176884	-5.65343	0.00353221	0.272032	-3.67603	0.988604	0.99531	-1.00471	0.018722	0.391465	-2.5545	8.63484	14.8182	1.52542	1
cg07830472	0.00808703	0.19635	-5.09296	0.000815672	0.0887325	-11.2698	0.0521251	0.346342	-2.88732	0.0512337	0.344566	-2.9022	8.21472	29.9703	3.24299	1
cg02083492	0.201485	1.2243	1.2243	0.00972073	1.63343	1.63343	0.746377	1.04989	1.04989	0.00151712	0.503979	-1.98421	8.16336	2.91	0.316863	1
cg17341174	0.0741916	0.514028	-1.94542	0.00122782	0.205703	-4.86138	0.938274	0.974428	-1.02624	0.0181973	0.383274	-2.6091	6.94403	12.3039	1.575	1
cg15211734	0.807939	1.04813	1.04813	0.948423	0.987592	-1.01256	0.0587631	0.662317	-1.50985	0.0325028	0.616903	-1.621	6.8926	4.06627	0.524397	1
cg06981716	0.0282505	0.510306	-1.95961	0.00313785	0.35037	-2.85412	0.318116	1.30734	1.30734	0.027297	0.507468	-1.97057	6.1231	6.54116	0.949578	1
cg09244174	0.198963	0.763347	-1.31002	0.00593326	2.04608	2.04608	0.303674	0.809003	-1.23609	0.175525	0.750817	-1.33188	6.06329	3.80102	0.557236	1
cg21549225	0.0280071	0.42784	-2.33732	0.00700207	0.319615	-3.12876	0.00560152	0.304312	-3.2861	0.331632	0.720643	-1.38765	5.93973	10.0638	1.50606	1
cg18852765	0.00294944	0.236485	-4.22859	0.213367	0.629486	-1.5886	0.00241985	4.4456	4.4456	0.627115	0.841205	-1.18877	5.75981	11.3815	1.75647	1
cg03493211	0.0177942	0.104272	-9.59031	0.00733028	0.0663857	-15.0635	0.945702	1.05489	1.05489	0.0324009	0.140119	-7.13678	4.90436	47.8172	8.6666	1
cg00277769	0.0986966	0.470211	-2.1267	0.00546983	0.218146	-4.58409	0.751651	1.14146	1.14146	0.11492	0.489479	-2.04299	4.05699	11.1595	2.44506	1
cg02270952	0.140618	0.442728	-2.25872	0.00930943	0.183437	-5.45145	0.0148646	0.214352	-4.66522	0.781751	0.866958	-1.15346	3.95775	16.5642	3.72024	1
cg09267113	0.748685	1.04445	1.04445	0.00314255	0.57912	-1.72676	8.73E-08	10.8049	10.8049	0.226176	1.18762	1.18762	44.0184	12.7634	0.257738	1
cg09183941	0.632048	0.864986	-1.15609	0.584446	0.847013	-1.18062	6.93E-06	19.9709	19.9709	0.926494	1.02813	1.02813	12.5148	17.9149	1.27245	1
cg10069666	0.0216042	0.446487	-2.23971	0.575578	0.847612	-1.17978	0.383272	0.770024	-1.29866	0.188673	0.665587	-1.50243	4.82	6.52207	1.20278	1
cg08196512	0.000278103	1.7297	1.7297	0.00228511	1.48133	1.48133	0.0208658	1.29197	1.29197	0.0489801	0.812946	-1.23009	15.2901	2.05536	0.119488	1
cg09247692	0.880044	1.03736	1.03736	0.0354456	1.81265	1.81265	0.630736	0.889018	-1.12484	0.389712	1.23873	1.23873	6.12588	5.72369	0.830529	1
cg11461302	0.288237	0.786266	-1.27183	0.388596	0.824719	-1.21253	0.195393	0.741807	-1.34806	0.0760901	1.538	1.538	6.05325	4.56018	0.669639	1
cg00663519	0.0553926	0.829807	-1.2051	0.641173	0.960476	-1.04115	0.320824	1.09213	1.09213	0.0628293	0.835408	-1.19702	4.68439	0.547635	0.103917	1
cg00419702	0.0354104	3.1783	3.1783	0.924111	1.04601	1.04601	0.00246523	7.29826	7.29826	0.00248361	7.27984	7.27984	4.36637	15.4119	3.1375	1
cg11744966	0.00954567	2.27436	2.27436	0.0524875	1.73662	1.73662	0.258893	1.34294	1.34294	0.0648126	1.68055	1.68055	4.27323	4.24081	0.882145	1
cg00430484	0.343809	1.32553	1.32553	0.00214418	0.287675	-3.47614	0.365402	0.764336	-1.30833	0.263612	1.40041	1.40041	4.23956	5.60727	1.17565	1
cg13868216	0.136532	3.00933	3.00933	0.00601144	0.0849634	-11.7698	0.23519	0.425473	-2.35032	0.185073	2.62574	2.62574	4.13362	30.8845	6.64136	1
cg10531073	0.560388	1.36115	1.36115	0.912768	0.944229	-1.05907	0.622025	1.29722	1.29722	0.944674	0.964308	-1.03701	3.59806	15.6279	3.86083	1
cg17838773	0.00640803	2.07188	2.07188	0.0277888	1.70599	1.70599	0.101424	1.44535	1.44535	0.103939	1.44076	1.44076	4.35107	2.90705	0.593887	1
cg26616711	0.564195	0.84134	-1.18858	4.79E-06	0.045031	-22.2069	0.440799	0.79218	-1.26234	0.152297	0.63481	-1.57527	20.3312	28.281	1.23646	1
cg01893560	0.00954763	0.609508	-1.64067	8.03E-06	0.2293	-4.36109	0.319178	1.16798	1.16798	0.00558935	0.577607	-1.73128	16.8811	6.08265	0.320287	1
cg09848508	0.00252276	2.64083	2.64083	0.000176891	0.229474	-4.35779	0.033697	1.77596	1.77596	0.0616357	0.614189	-1.62816	14.638	12.4309	0.754861	1
cg01881308	0.0902233	0.592692	-1.68722	1.61E-05	0.0828188	-12.0745	0.694913	1.11675	1.11675	0.180741	0.671561	-1.48907	12.9331	16.0764	1.10493	1
cg04099705	0.00996076	0.372512	-2.68448	0.0039711	0.308778	-3.23857	0.591313	1.17874	1.17874	0.06539	0.533913	-1.87296	9.90666	14.4428	1.2959	1
cg09526712	0.00395323	2.33911	2.33911	0.101216	0.674735	-1.48206	0.00294333	2.44779	2.44779	0.258254	1.29512	1.29512	9.42698	7.17507	0.676551	1
cg08877672	0.437727	0.831824	-1.20218	0.346849	1.25273	1.25273	0.00206264	2.74414	2.74414	0.00655141	2.27401	2.27401	6.24977	5.35568	0.761724	1
cg01856892	0.63671	1.09207	1.09207	0.216454	0.786	-1.27226	0.470147	0.872817	-1.14572	0.31114	0.823656	-1.2141	5.50235	2.98691	0.482527	1
cg19494587	0.00367966	0.266115	-3.75777	0.441501	0.767493	-1.30294	0.971602	1.01207	1.01207	0.0755173	0.513192	-1.94859	5.39456	9.71296	1.60045	1
cg08996483	0.129739	0.699302	-1.43	0.00272696	0.404863	-2.46997	0.781663	0.941095	-1.06259	0.216372	0.752561	-1.3288	4.44632	3.36255	0.672225	1
cg06161600	0.0498462	2.00174	2.00174	0.0328908	0.461076	-2.16884	0.143337	1.62891	1.62891	0.415105	0.772257	-1.2949	4.22878	6.44651	1.35505	1
cg27040104	0.653786	0.861378	-1.16093	0.752149	0.900577	-1.1104	0.180142	0.624707	-1.60075	0.590114	1.19691	1.19691	4.15528	7.18987	1.53804	1
cg18282543	0.746224	1.06276	1.06276	0.0422522	1.55049	1.55049	0.689823	1.0781	1.0781	0.239601	1.25966	1.25966	4.14354	2.30601	0.494695	1
cg26618499	0.816422	1.08594	1.08594	0.191413	0.612381	-1.63297	0.0229762	0.381226	-2.62312	0.288836	0.676792	-1.47756	4.04273	8.04903	1.76977	1
cg27429832	0.0137453	0.524335	-1.90718	0.223077	0.762359	-1.31172	0.984741	0.995955	-1.00406	0.598532	1.11919	1.11919	3.86845	2.75216	0.632388	1
cg13208590	0.244544	0.712849	-1.40282	0.00010075	0.147089	-6.79863	0.0840233	0.58769	-1.70158	0.00124211	0.269269	-3.71376	10.7249	13.1313	1.08834	1
cg24505687	0.866803	0.96885	-1.03215	0.0806923	1.44078	1.44078	0.17946	0.764289	-1.30841	0.571222	0.897737	-1.11391	8.81578	4.96217	0.500332	1
cg10531711	0.102	0.549523	-1.81976	0.0280995	0.419962	-2.38117	0.492363	0.791961	-1.26269	0.00769279	0.318034	-3.14431	4.64567	8.23266	1.57521	1
cg01143145	0.470416	0.937416	-1.06676	0.05628	1.20955	1.20955	0.00162741	1.48791	1.48791	0.0788507	1.1874	1.1874	4.47383	0.548889	0.109057	1
cg15241786	0.277891	0.831639	-1.20245	0.0200794	1.58133	1.58133	0.841583	0.967833	-1.03324	0.255545	0.823715	-1.21401	3.4907	1.47579	0.375801	1
cg07232003	0.181292	0.478883	-2.08819	0.00977358	0.183588	-5.44699	0.00646526	6.27775	6.27775	0.656349	1.26156	1.26156	5.54584	23.6428	3.78948	1
cg17482424	0.713525	0.788541	-1.26816	0.0030228	0.0728914	-13.719	0.0117333	7.60177	7.60177	0.910345	1.07527	1.07527	5.36938	35.3006	5.84393	1
cg05046589	0.266178	0.42332	-2.36228	0.0568069	0.201992	-4.9507	0.126313	3.4116	3.4116	0.823295	0.847091	-1.18051	3.83364	33.4252	7.75015	1
cg18472228	0.955221	0.990075	-1.01002	0.00166793	0.449896	-2.22274	0.54369	0.896568	-1.11536	0.993206	1.00151	1.00151	5.19394	2.59569	0.444226	1
cg02427764	0.622275	0.962275	-1.0392	0.000647565	1.49957	1.49957	0.9223	0.992473	-1.00758	0.00651257	1.31499	1.31499	6.23083	0.59185	0.0844331	1
cg04264417	0.478595	0.902821	-1.10764	0.032974	0.701937	-1.42463	0.112079	0.782286	-1.27831	0.0298772	0.695836	-1.43712	10.1431	3.23531	0.283527	1
cg17891968	0.774903	1.11021	1.11021	0.0724375	0.481445	-2.07708	0.00266318	0.219788	-4.54984	0.0538515	0.450126	-2.2216	3.5044	7.38032	1.87202	1
cg16876236	0.000107487	0.602685	-1.65924	8.03E-06	0.484842	-2.06253	0.0165716	0.804957	-1.2423	0.000259082	0.640449	-1.56141	45.5222	3.96247	0.0773732	1
cg07722360	0.0802688	0.564382	-1.77185	0.000556786	0.206226	-4.84905	0.00048567	0.199448	-5.01383	0.00522225	0.337456	-2.96335	13.8732	19.0949	1.22345	1
cg27403628	0.0117652	0.464951	-2.15077	0.0202794	0.506034	-1.97615	0.000234401	0.226575	-4.41354	0.00402551	0.39047	-2.56102	12.012	11.2698	0.833968	1
cg27140058	0.0324346	20.5944	20.5944	0.0441633	16.3317	16.3317	0.0113306	46.0845	46.0845	0.037294	18.5417	18.5417	3.84954	88.9716	20.5442	1
cg27064287	0.121085	6.62089	6.62089	0.560916	1.93703	1.93703	0.00964311	39.7948	39.7948	0.0351204	15.8018	15.8018	3.60996	72.2947	17.8013	1
cg23730277	0.178424	1.1659	1.1659	0.000192893	1.96187	1.96187	0.854801	0.980525	-1.01986	0.792012	0.972025	-1.02878	15.5332	2.8356	0.162267	1
cg15006682	0.00656447	0.527387	-1.89614	0.000199756	0.322471	-3.10106	0.447866	1.15048	1.15048	0.0122129	0.567879	-1.76094	12.2857	6.39047	0.462361	1
cg26396815	0.378304	0.86613	-1.15456	0.0446806	0.693177	-1.44263	0.403234	1.14568	1.14568	0.00119988	0.470251	-2.12653	5.21289	2.0871	0.355886	1
cg00332153	0.0249706	5.71924	5.71924	0.00887228	8.8217	8.8217	0.00358807	13.1727	13.1727	0.0205435	6.19731	6.19731	4.83299	32.7096	6.01598	1
cg25023994	0.0336425	3.19041	3.19041	0.16857	1.98565	1.98565	0.00716002	5.07116	5.07116	0.0651117	2.6334	2.6334	3.43679	11.8989	3.07752	1
cg07729681	0.317065	0.863422	-1.15818	0.00379787	1.74079	1.74079	0.77842	1.04087	1.04087	0.935015	0.988488	-1.01165	21.0379	6.71705	0.283807	1
cg04067574	0.00156418	0.752311	-1.32924	0.0115114	1.21889	1.21889	0.493821	1.04448	1.04448	0.382618	0.945469	-1.05768	15.1509	0.941151	0.0552163	1
cg27571676	0.00578299	1.36244	1.36244	0.000867278	1.53342	1.53342	0.036949	0.812816	-1.23029	0.00574764	0.733715	-1.36293	14.9143	1.72819	0.102999	1
cg10838260	0.180985	0.833335	-1.2	0.000193876	0.447017	-2.23705	0.175132	0.831017	-1.20334	0.000294059	0.468988	-2.13225	12.1914	3.18169	0.231981	1
cg06591145	0.349706	0.891106	-1.1222	0.0174927	0.707235	-1.41396	0.00306187	1.62534	1.62534	0.0235347	1.38257	1.38257	11.8658	2.69567	0.201937	1
cg02145701	0.000165547	2.2167	2.2167	0.0739676	1.28017	1.28017	0.0383317	1.34672	1.34672	0.00178106	0.576012	-1.73607	11.0099	2.68216	0.216546	1
cg02267536	0.0359784	0.470935	-2.12344	0.239123	0.683491	-1.46308	0.791162	1.08537	1.08537	0.0850744	0.555591	-1.79989	9.95149	15.0175	1.3414	1
cg10366647	0.374333	0.923236	-1.08315	0.96743	1.00358	1.00358	0.177755	0.882105	-1.13365	0.90238	0.98931	-1.01081	8.8969	1.08102	0.108005	1
cg05224642	0.0547244	0.591915	-1.68943	0.00427561	2.50881	2.50881	0.299646	1.29522	1.29522	0.014908	2.0556	2.0556	8.72248	8.0008	0.815344	1
cg27247569	0.977804	1.01232	1.01232	0.00500838	0.195036	-5.12726	0.596708	0.790526	-1.26498	0.328971	0.6418	-1.55812	8.67213	26.6113	2.72765	1
cg03355327	0.00526899	0.622174	-1.60727	0.00503881	1.61359	1.61359	0.356229	0.884793	-1.13021	0.0388897	0.7346	-1.36128	8.5064	2.2415	0.234229	1
cg23986219	0.000203191	0.26157	-3.82307	0.0632493	0.637806	-1.56787	0.914136	1.02349	1.02349	0.00226493	0.398684	-2.50825	8.25969	6.06264	0.652447	1
cg02036259	0.000628339	0.300061	-3.33265	0.458626	1.18865	1.18865	0.409882	0.824477	-1.21289	0.0275268	0.550503	-1.81652	8.21123	6.8203	0.738316	1
cg09870004	0.148409	1.13762	1.13762	0.000123757	1.74502	1.74502	0.654792	0.963259	-1.03814	0.397905	1.07465	1.07465	8.19666	0.898132	0.0973981	1
cg05703749	0.896677	1.02371	1.02371	0.00384334	2.01925	2.01925	0.334313	0.835599	-1.19675	0.0346599	0.641324	-1.55927	8.12197	4.18506	0.458024	1
cg10088879	0.101186	0.840253	-1.19012	0.000307108	1.76525	1.76525	0.440617	0.926576	-1.07924	0.350547	1.09765	1.09765	7.39168	1.10082	0.13238	1
cg07930510	0.156696	0.653246	-1.53082	0.298564	1.35373	1.35373	0.490068	0.821133	-1.21783	0.905167	0.967054	-1.03407	7.36095	9.21096	1.11229	1
cg03468397	0.00788522	1.30625	1.30625	0.000637383	1.50848	1.50848	0.090063	0.86378	-1.1577	0.0705308	0.853489	-1.17166	7.29586	0.709916	0.0864924	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1337 vs. N)	Fold-Change(1 vs.1337)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(5 vs.1637)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg05180094	BANP;BANP	0.00597906	0.017726	0.424587	-2.35321	0.0351932	0.482513	-2.07248	0.00075249	0.22911	-4.56389	0.00012671	0.373876	-2.67469	0.00074538	0.218619	-4.57417	0.0122569	0.608339	-1.64382	0.475203	0.80598	-1.24073	0.208318	0.6743227	-1.48296	0.399135	0.773821	-1.29229	0.63465	9.70805	1.24224	1
cg05193662	BANP;BANP	0.00613386	0.719056	0.942092	-1.06147	0.0863194	0.731312	-1.36741	0.0645935	1.40891	1.402891	0.222696	0.809284	-1.23566	0.00033218	0.384259	-2.60241	0.03675598	0.668984	1.4928	0.173205	1.2704	1.2704	0.555173	0.906147	-1.10357	0.0166105	0.5169	-1.62101	0.892002	2.97667	0.3839312	1
cg05189838	BANP;BANP	0.00648506	0.981581	0.990806	-1.00928	0.00253886	0.187086	-1.34513	0.199683	0.581506	-1.71967	0.376042	1.43835	1.43835	0.00052458	0.115023	-8.69391	0.453341	1.35751	1.35751	0.00847373	0.2606502	-3.83727	0.688044	0.850868	-1.17527	0.684079	0.849004	-1.17785	0.77421	17.177	2.25391	1
cg05483842	BANP;BANP	0.00674735	0.00790051	0.336013	-2.97607	0.988239	0.995291	-1.00473	0.0424912	0.479421	-2.11228	0.000502289	0.172344	-5.70633	0.07774419	0.533917	-1.87295	0.848393	0.940577	-1.06103	0.6461681	2.07774	2.07774	0.945125	1.02228	1.02228	0.0534975	0.495195	-2.01778	0.69128	10.8583	1.44245	1
cg05968683	BANP;BANP	0.00685032	0.017707	0.626188	-1.59696	0.404422	0.870615	-1.14861	0.0613352	0.559449	-1.78747	0.00102238	0.453491	-2.20541	0.12775	0.0009519	0.449404	-2.22517	0.312442	0.843917	-1.18495	0.731791	0.945641	-1.05748	0.605939	0.918956	-1.08819	0.0769248	0.726538	0.137639	0.65982	2.78222	0.371344	1
cg05995187	BANP;BANP	0.00723389	0.376325	1.23507	1.23507	0.00075623	0.304957	-1.27915	0.00181807	0.356462	-2.80535	0.181346	0.71894	-1.39094	0.915963	0.975753	0.0545328	0.567751	1.14373	1.14373	0.182633	1.38942	1.38942	0.0623183	0.613802	-1.62895	0.168933	0.711173	-1.40613	0.55043	5.61022	0.763303	1
cg05467078	BANP;BANP	0.00745556	0.71768	1.05136	1.05136	0.363886	0.879219	-1.13737	0.000903057	0.50405	-1.98393	0.431551	1.11711	1.11711	0.00194025	0.546149	-1.831	0.623221	1.0707	1.0707	0.495654	0.908974	-1.10014	0.046277	0.729819	-1.3702	0.0115288	0.646698	-1.54632	0.488071	1.95492	0.267914	1
cg05902159	BANP;BANP	0.00776363	0.0043106	0.407341	-2.45194	0.0704158	0.452475	-1.21007	0.0534649	0.455113	-2.21664	0.979024	1.00096	1.00096	0.00022109	0.107	-9.34579	0.188295	0.602673	-1.65927	0.0339946	0.3760966	-2.65951	0.0900311	0.507273	-1.97132	0.0159634	0.528542	-1.04375	0.40424	13.3811	1.85754	1
cg05597945	BANP;BANP	0.00795111	0.00579713	0.316269	-3.16092	0.204048	0.537448	-1.86065	0.0122981	0.207193	-4.62643	0.00284502	0.125702	-7.95533	0.00545538	0.148549	-6.7318	0.0364353	0.29297	-3.41332	0.00547099	0.158109	-6.32477	0.0735296	0.3652	-2.73823	0.00938105	0.189565	-5.27355	0.25664	3.5884	-2.7	1
cg05122230	BANP;BANP	0.00634893	0.286989	-3.48446	0.0167167	0.358104	-2.79248	0.0127383	0.336847	-2.96871	0.152589	0.583546	-1.71566	0.00472925	0.267324	-3.74078	0.167744	0.596364	-1.67683	0.00335611	0.245862	-4.06733	0.00702298	0.293665	-3.40524	0.0179772	0.363968	-2.74749	0.06182	11.8657	1.73995	1
cg05048047	BANP;BANP	0.00710955	0.733886	0.95772	-1.04443	0.0716966	0.816079	-1.22496	0.0136	0.231788	-4.39425	0.00127288	0.754025	-1.32622	0.00179458	0.195174	-5.12423	0.0740929	0.729218	1.3501	0.00302284	0.189975	5.26307	0.0171964	0.189045	1.18945	0.133708	0.815039	-1.22684	0.67411	1.48742	0.2720181	1
cg05884526	BANP;BANP	0.0106286	0.419462	0.697368	-1.43396	0.225491	1.74403	0.304012	1.58558	0.582529	0.538947	-1.85547	0.00350026	0.094663	-10.5638	0.0074892	0.222192	-4.50061	0.0993982	0.454212	-2.20162	0.136524	0.496143	-2.01555	0.938581	1.03425	1.03425	1.03425	5.79623	17.5266	2.68781	1
cg05825481	BANP;BANP	0.0111631	0.123187	0.779657	-1.28246	0.882415	1.02042	0.242241	0.0105052	0.653649	-1.52987	0.00194746	0.516883	-1.93527	0.00502106	0.573342	-1.74416	0.443777	0.889136	1.12469	0.0814498	0.135025	0.0718874	1.35123	1.35123	0.0629035	0.793004	-1.36417	0.70538	2.03805	0.315967	1
cg05166299	BANP;BANP	0.0116535	0.74341	-1.09351	-1.09487	0.000855645	0.251072	-1.98292	0.0878898	0.495868	-1.68157	0.104513	0.623859	-1.63197	0.701619	1.11207	1.11207	0.244667	1.39908	1.39908	0.0623644	1.78395	1.78395	0.0905571	0.67288	0.67288	0.219071	1.42852	1.42852	5.62667	6.78472	1.07184	1
cg05258577	BANP;BANP	0.0129325	0.184522	1.49143	1.49143	0.233124	0.142618	1.42618	0.0571026	0.357238	-2.79925	0.246585	1.41064	1.41064	0.0704054	0.371932	-2.68866	0.685555	1.12256	1.12256	0.0675477	0.589063	0.708406	1.77418	0.124871	1.60292	1.60292	1.93249	6.94877	1.13555	1
cg05021394	BANP;BANP	0.0132457	0.923017	1.03555	1.03555	0.00743	0.755372	-1.32385	0.0553616	0.537251	-1.74596	0.234569	0.700583	-1.42763	0.00444261	0.244515	-4.14159	0.00976861	0.432748	-2.31082	0.104228	0.634247	-1.57667	0.347713	0.780477	-1.28127	0.192848	0.702377	-1.42374	0.21385	4.62631	0.925111	1
cg05256999	BANP;BANP	0.0151772	0.123806	1.62131	1.62131	0.0127568	0.452444	0.452444	0.0972499	0.588996	-1.66493	0.100688	0.656841	1.65684	0.00274914	0.469571	-2.1296	0.459908	1.24376	1.24376	0.124944	0.617831	-1.61857	0.0177757	0.248947	2.48947	0.143131	1.5781	1.5781	1.5606	6.87005	1.18333	1
cg05241754	BANP;BANP	0.0171127	0.0063753	0.419601	-2.40615	0.0490111	1.05026	0.05026	0.185023	0.75884	-1.41575	0.554686	0.862613	-1.15927	0.00994973	0.298362	-3.35163	0.119818	0.658756	-1.51801	0.0401914	0.562039	-1.77923	0.0636878	1.25767	1.25767	0.248684	0.742185	-1.34746	0.49851	4.80369	0.861134	1
cg05178882	BANP;BANP	0.0186782	0.1616737	1.5986	1.5986	0.0340045	0.176801	1.76801	0.0145811	1.62464	1.6246	0.737723	0.928266	-1.07779	0.856374	0.104106	1.04106	0.344011	0.804736	1.5986	0.0139012	0.1382418	0.653222	-1.53321	0.488535	0.340842	0.6994419	1
cg05238271	BANP;BANP	0.0190787	0.384154	1.12389	1.12389	0.104681	1.26127	1.26127	0.079513	0.775112	-1.29014	0.0890949	0.782379	-1.27815	0.334103	1.13927	1.13927	0.116572	1.25005	1.25005	0.00346649	1.68096	1.68096	0.6598373	0.943682	-1.05968	0.0392605	0.731837	-1.36642	0.478037	1.29703	0.241176	1
cg05286195	BANP;BANP	0.0191362	0.55002	0.719083	-1.38992	0.0795828	0.816079	-1.22496	0.367091	0.637231	-1.56909	0.805849	0.887016	-1.12738	0.00215457	0.153236	-6.51875	0.943732	0.966218	-1.03496	0.2365868	1.844701	1.844701	0.6916449	0.824952	-1.20853	0.4994646	0.716214	1.39623	1.477552	1.97076	0.33905	1
cg05695872	BANP;BANP	0.0195952	0.243304	0.591105	-1.69175	0.637141	1.22705	1.22705	0.691547	0.844203	-1.18736	0.9201	0.957793	-1.04415	0.00054135	0.0968429	-10.326	0.278323	0.615422	-1.6249	0.142973	1.96084	1.96084	7	7	0.8007233	0.896809	-1.11506	0.482365	12.5933	2.61075	1
cg05737921	BANP;BANP	0.0208697	0.2253307	1.62498	1.62498	0.0127562	0.252562	1.25256	0.0156168	1.59218	-1.53418	0.0313956	0.6936404	-1.44098	0.00172126	0.0556168	-17.9798	0.515841	1.10526	1.10526	0.124335	0.719431	-1.38999	0.1740312	0.596239	-1.67804	0.0158787	0.5101287	1
cg05703839	BANP;BANP	0.022868	0.576852	1.21111	1.21112	0.00475201	0.279702	-3.57524	0.207403	0.636579	-1.5709	0.651205	0.85672	-1.16724	0.181563	1.61914	1.61914	0.523397	1.80297	1.24538	0.0524066	0.472581	-2.11604	0.0119145	2.90487	2.90487	0.192852	0.626073	1.59726	4.49376	8.21749	1.62546	1
cg04510420	BANP;BANP	0.0231165	0.709109	1.24744	1.24744	0.0597173	1.50285	1.50285	0.27985	0.515403	-1.94023	0.0542228	0.275557	-3.62901	0.00366334	0.0979192	-10.2125	0.603345	0.733979	-1.36244	0.0923533	2.98299	2.98299	0.0657616	3.38107	3.38107	0.990843	0.9993242	-1.0068	4.47705	24.6816	4.90038	1
cg04829688	BANP;BANP	0.0257972	0.5013263	1.43824	1.43824	0.0727316	0.949231	-1.05323	0.2423583	0.689778	-1.49303	0.414442	1.21259	1.21259	0.0054713	0.160929	-6.21619	0.0185681	0.314442	3.18255	0.0004688	0.1369	0.1369	0.0550387	0.550183	2.50329	2.50329	0.121965	1.69114	0.3142	0.67616	1.59204	1
cg04379107	BANP;BANP	0.0273603	0.4844272	0.799394	-1.25095	0.353003	1.35325	1.35325	0.486683	1.24949	1.24949	0.246662	1.4649	1.4649	0.1015339	1.75939	1.75939	0.043133	1.33097	1.33097	0.341713	0.677363	-1.47585	0.0155063	0.0910603	0.9650115	-1.03625	0.221297	0.6411	1.39821	1
cg05604995	BANP;BANP	0.0274435	0.533834	0.899064	-1.11731	0.0812878	0.645141	-1.28273	0.135861	0.77118	-1.29718	0.68088	0.922553	-1.08393	0.0013545	0.106913	-9.35384	0.285502	1.1564	1.1564	0.0315153	0.504915	-1.53748	0.0978443	0.598444	-1.67151	0.0107	0.402203	1.1629	-1.16715	2.04904	0.4342441	1
cg05637164	BANP;BANP	0.028496	0.815519	0.0488	1.0488	0.618022	1.1103	1.1103	0.0507413	1.57426	1.57426	0.0939839	0.687013	-1.45558	0.0127519	0.8792	1.8792	0.954276	0.01176	1.01176	0.0033787	2.21322	2.21322	0.665908	0.91525	-1.0926	0.412333	0.842927	-1.18634	0.416193	1.73947	0.585085	1
cg05616967	BANP;BANP	0.0286041	0.193464	0.569617	-1.75556	0.00417441	0.208051	-4.80652	0.784782	0.89408	-1.11847	0.810658	1.10314	1.10314	0.00176673	0.161774	-6.18148	0.938908	0.969136	-1.03185	0.120901	0.502629	-1.98954	0.874572	0.937434	-1.06674	0.734783	0.870168	-1.1492	4.15637	11.0114	2.35492	1
cg05912609	BANP;BANP	0.0291624	0.456107	0.75	-1.33333	0.0512578	0.445141	-1.28273	0.135861	0.77118	-1.28585	0.837558	0.916093	-1.09128	0.0013545	0.106913	-9.35384	0.285502	1.1564	1.1564	0.0315153	0.504915	-1.53748	0.0978443	0.598444	-1.67151	0.0107	0.402203	1.1629	-1.16715	2.04904	0.4342441	1
cg05285583	BANP;BANP	0.0298862	0.1616737	1.5986	1.5986	0.0340045	0.176801	1.76801	0.0145811	1.62464	1.62464	0.737723	0.928266	-1.07779	0.856374	0.104106	1.04106	0.344011	0.804736	1.5986	0.0139012	0.1382418	0.653222	-1.53321	0.488535	0.340842	0.6994419	1
cg05167661	BANP;BANP	0.0299787	0.1934664	0.569617	-1.75556	0.00417441	0.208051	-4.80652	0.784782	0.89408	-1.11847	0.810658	1.10314	1.10314	0.00176673	0.161774	-6.18148	0.938908	0.969136	-1.03185	0.120901	0.502629	-1.98954	0.874572	0.937434	-1.06674	0.734783	0.870168	-1.1492	4.15637	11.0114	2.35492	1
cg05285583	BANP;BANP	0.0314182	0.528504	0.894792	-1.11758	0.0310862	0.553154	1.55354	0.148651	0.694853	0.88551	-1.12929	0.311211	0.833274	-1.20008	0.32205	0.836873	-1.19493	0.13991	1.3185	1.3185	0.0228419	0.120128	0.863162	0.970416	-1.03049	0.312092	0.83557	-1.19966	4.00812	1.92376	0.426636	1
cg05762553	BANP;BANP	0.0321987	0.2308007	0.674022	-1.48403	0.0496946	0.555155	1.55515	0.0326826	0.644466	-1.55202	0.0265823	0.275048	-3.63418	0.00655873	0.270648	-3.69489	0.849703	0.71881	-1.39126	0.0268304	0.479758	2.08473	0.0154948	0.428393	2.33456	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	1
cg05900317	BANP;BANP	0.0323906	0.0948384	0.682969	-1.46419	0.976324	0.993855	-1.00618	0.00176217	0.396337	-2.52311	0.51488	0.87182	-1.14703	0.209268	1.31639	1.31639	0.146025	1.38287	1.38287	0.158376	1.36781	1.36781	0.94788	1.01367	1.01367	0.389236	0.832539	1.20115	3.97656	2.7172	0.607382	1
cg05053632	BANP;BANP	0.0364828	0.0360897	0.438561	-4.38563	0.309155	1.89327	1.89327	0.09717174	2.26963	2.26963	0.0728981	3.6645	3.3645	0.957784	1.01262	1.01262	0.460178	1.5778	1.5778	0.0105915	1.63989	1.63989	0.0104407	0.76584	0.76584	0.0704129	0.34893	3.40893	0.80314	22.1901	5.57793	1
cg04729470	BANP;BANP	0.0376972	0.5013263	1.43824	1.43824	0.0727316	0.949231	-1.05323	0.2423583	0.689778	-1.49303	0.414442	1.21259	1.21259	0.0054713	0.160929	-6.21619	0.0185681	0.314442	3.18255	0.0004688	0.1369	0.1369	0.0550387	0.550183	2.50329	2.50329	0.121965	1.69114	0.3142	0.67616	1.59204	1
cg05655326	BANP;BANP	0.0389093	0.230933	0.576735	-1.7339	0.0221961	0.141063	1.41063	0.0299419	0.312482	0.312482	0.458285	0.719462	-1.38993	0.395973	0.68434	-1.46126	0.117402	0.73712	1.35712	0.0153216	0.155255	0.0406152	0.474104	0.479313	2.08571	0.0127717	0.185307	1.78286	0.10795	0.92761	1.07783	1
cg05780168	BANP;BANP	0.0392684	0.1931683	1.71943	1.71943	0.2910222	0.614035	-1.62842	0.0215764	0.581506	-1.71967	0.376042	1.43835	1.43835	0.00052458	0.115023	-8.69391	0.453341	1.35751	1.35751	0.00847373	0.2606502	-3.83727	0.688044	0.850868	-1.17527	0.684079	0.849004	-1.17785	0.77421	17.177	2.25391	1
cg04651249	BANP;BANP	0.04196	0.863818	0.907163	-1.10234	0.0274409	0.219238	-4.56001	0.051285	0.28377	-3.52399	0.0290739	0.43587	-2.30587	0.607229	0.74507	-1.34215	0.791439	1.62132	1.62132	0.676557	1.26285	1.26285	0.031469	0.418678	0.418678	0.174593	2.26952	2.50186	18.4612	4.53488	1
cg04183511	BANP;BANP	1.67E-07	0.0842934	1.40343	1.40343	0.763511	1.05501	1.05501	0.0242553	0.620858	-1.61067	0.0281422	0.631204	-1.58427	0.462743	1.14186	1.14186	0.013081	0.579115	-1.72677	0.552196	0.898768	-1.11263	1.43E-09	191.266	191.266	0.0025284	2.10426	2.10426	115.528	57.6261	0.443384	1
cg03111863	BANP;BANP	2.51E-05	0.7638	1.09423	1.09423	0.457752	1.10456	1.10456	0.0021458	1.34483	1.34483	0.0010456	1.10456	1.10456	0.0017735	1.21109	1.21109	0.274588	1.12341	1.12341	0.0170511	0.587046	-1.70344	2.04E-07	18.373	18.373	0.0026849	1.67068	1.67068	16.3472	3.03168	0.479435	1
cg05921432	BANP;BANP	0.0003113279	0.332509	0.701439	-1.42564	0.52508	1.24444	1.24444	0.53883	0.807304	-1.23869	0.152601	1.72197	1.72197	0.686932	1.1547	1.1547	0.123263	1.80804	1.80804	0.0686591	0.485341	-2.06041	1.27E-06	82.9487	82.9487	0.210992	1.596	1.596	0.50824	41.0183	1.77145	1
cg03488260	BANP;BANP	0.0020826958	0.4422	0.58796	-1.70127	0.0228676	0.22013	1.22013	0.0013	0.22013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.226536	0.78191	-1.4317	0.0167878	0.8470842	-1.18052	4.70E-06	19.7612	19.7612	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	1
cg05026526	BANP;BANP	0.0003573333	0.0242572	3.38234	3.38234	0.835855	0.915643	-1.09213	0.0144344	0.99937	0.99937	0.00381675	0.42764	0.42764	7	7	7	0.337065	1.52937	1.52937	0.322263	1.55151	1.55151	7.83E-06	316.35	316.35	0.174966	1.87084	1.87084	27.3657	66.1342	1.81251	1
cg07135732	BANP;BANP	0.000879372	0.789452	1.04648	1.04648	0.423491	1.14886	1.14886	0.00283898	2.00882	2.00882	0.6323231	0.921427	-1.08527	0.558163	1.10575	1.10575	0.908259	1.01976	1.01976	0.357823	0.8517	0.8517	-1.17412	1.36E-05	4.68679	4.68679	0.0559509	1.4442	1.4442	2.24224	5.56892	0.405672	1
cg04724110	BANP;BANP	0.0007599	0.1672269	1.52719	1.52719	0.0255792	0.2708	-1.7095	0.0152238	1.5326	1.5326	0.0118713	1.53826	1.53826	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	1
cg03939859	BANP;BANP	0.00189216	0.133791	0.708016	-1.4124	0.456902	0.850373	-1.17595	0.626049	0.90045	-1.11056	0.26226	1.28351	1.28351	0.458961	1.1747	1.1747	0.088844	0.92304	-1.08338	0.349116	1.22853	1.22853	2.27E-05	6.11881	6.11881	0.799648	1.05581	1.05581	9.79868	7.07567	0.641871	1
cg00010742	BANP;BANP	0.0010858	0.1035531	1.217	1.217	0.583193	0.709497	-1.16581	0.0220045	-1.08455	0.859161	0.957786	-1.02482	0.885322	0.07023	1.17423	1.17423	0.0479312	0.0822103	0.881861	-1.13447	0.942972	0.932103	0.881861	-1.01847	0.942972	0.53812	0.493146	1
cg03684461	BANP;BANP	0.0133667	0.171327	1.54837	1.54837	0.116573	1.55	1.55	0.174048	1.45015	1.45015	0.0712705	0.92834	-1.07719	0.625603	0.881277	1.13472	0.3132399	0.200734	0.0020254	4.94773	4.94773	0.295082	1.32192	1.32192	0.38098	0.62661	0.92996	1
cg06959142	BANP;BANP	0.0198867	0.0788686	1.44739	1.44739	0.703514	0.930114	-1.07514	0.185655	0.766495	-1.30464	0.936555	0.985028	-1.0152	0.542947	0.889841	-1.1238	0.19734	0.772419	-1.29463	0.491574	0.876015	-1.14153	0.00129147	2.43152	2.43152	0.0308341	1.61683	1.61683	4.71524	2.68128	0.505459	1
cg06332310	BANP;BANP	0.0233825	0.1584727	2.16139	2.16139	0.0178061	0.25604	-1.56746	0.0124086	1.97788	1.97788	0.0677865	2.64644	2.64644	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	1
cg05979173	BANP;BANP	0.0411219	0.0630853	0.617223	0.617223	0.610121	0.145688	0.024214	0.0410218	0.7018	0.7018	0.996567	1.00315	0.549001	0.64166	1.15846	1.15846	0.0702492	0.0032646	0.0032646	18.9253	18.9253	0.813422	0.841134	-1.18887	0.64573	0.30167	7.53798	1
cg08325605	BANP;BANP;BARHL2	0.0040084	0.0362913	0.512796	-1.95067	0.0276622	0.22013	1.22013	0.0013	0.22013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	1
cg03129964	BARX1	1.10E-06	0.913515	1.00922	1.00922	0.0501578	1.20769	1.20769	0.00359824	1.39531	1.39531	1.15E-08	6.84187	6.84187	0.225726	0.898068	1.1135	0.461876	0.938666	-1.06534	0.105371	0.861125	-1.16127	4.91E-05	1.90522	1.90522	0.449377	0.936934	-1.06731	71.6503	0.10186	0.100536	1
cg00927495	BARX1	8.13E-05	0.255241	0.821747	-1.21692	0.782405	0.955271	-1.04682	0.222E-05	0.08193	0.08193	3.18E-05	3.8145	0.2379609	0.5366	1.5366	1.5366	0.37141	1.1638	1.1638	0.00214287	0.490327	-2.03946	0.00242775	2.7265	2.7265	0.210928	1.24342	1.24342	23.3955	10.1224	0.384591	1
cg02992266	BARX1	0.00104776	0.372265	0.732867	-1.36493	0.0566112	0.576987	-1.73358	0.0454223	0.476528	-2.09876	0.173585	0.642423	-1.55685	0.183705	0.02455649	2.94026	0.0007435	0.0010814	0.370636	0.79325	-1.26064	0.707433	0.0184863	0.21483	2.21483	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	1
cg04734754	BARX1	0.00236934	0.1382	0.668881	-1.49503	0.288171	0.32028	1.32028	0.209394	1.40284	1.40284	0.943131	0.01814	1.01814	0.370636	0.79325	-1.26064	0.0454809	1.78233	1.78233	0.218823	0.721923	-1.38518	4.37E-05	7.0517	7.0517	0.659164	0.894197	-1.11832	9.17569	9.22415	0.893584	1
cg03773631	BARX1	0.00244512	0.382882	0.692118	-1.44502	0.392151	0.439425	-1.22427	0.0176781	0.43709	-2.28757	0.0158069	0.437307	0.51009	-1.96039	0.0945254	0.47405	-2.10917	0.0356563	0.47405	4.74405	0.0356563	0.0922103	0.881861	-1.01847	0.942972	0.53812	0.493146	1
cg05385163	BARX1	0.00492698	0.1910556	0.861117	-1.16128	0.0480716	0.149798	1.49798	0.0362395	1.30062	1.30062	0.580851	0.941544	-1.06209	0.0376926	0.770771	1.2974	0.0026111	0.637445	-1.56876	0.0837674	0.813267	-1.22961	0.111228	1.2061	1.2061	0.0702615	1.24428	1.24428	37.1661	3.16199	0.164233	1
cg03454937	BARX1	0.00562359	0.103186	0.643194	-1.55426	0.0141	0.652136	1.53442	0.325134	1.32123	1.32123	0.626998	1.06099	1.06099	0.0059461	0.572863	-1.74552	0.0299313	0.0059461	0.572863	-1.74552	0.0299313	0.0059461	0.572863	-1.74552	0.0299313	0.653283	0.213804	1.40248	0.708332	8.47239	1.05818	1
cg03398482	BARX1	0.00797999	0.505769	0.818166	-1.23181	0.780611	0.90004	1.09004	0.744699	0.0616	1.10616	0.106516	0.98573	1.00554	1.00554	0.878528	0.953781	1.10846	0.0012050	7.59241	7.59241	0.352373	0.845821	-1.18228	0.111226	0.585244	-1.70868	0.0012050	7.59241	7.59241	0.452978	1.26625	1.26625	0.34915	0.587	0.34219
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1-vs-1221 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
ge10380513	BAT2	2.82E-06	9.69E-05	2.28329	-5.529E-07	1.000101187	0.003547	-3.4501	0.01693559	0.588605	-1.69893	0.212497	2.31E-07	2.786899	-1.27081	2.31E-07	0.00592727	-16.8712	2.80E-06	0.12648	-7.73121	2.40E-06	0.124242	8.04882	0.0547593	0.672731	-1.48548	3.28E-05	0.230369	4.34087	56.2244	29.4818	0.466096	1
gi15600966	BAT2	9.09E-06	0.572603	0.947599	-1.0553	1.40E-05	0.425075	-2.35253	0.244759	1.12173	1.12173	0.257555	0.894454	-1.118	3.16E-07	0.244669	-4.08715	0.00166095	0.65391	-1.52926	3.01E-05	0.462266	-2.16141	0.370847	0.916907	-1.00062	0.00108417	0.634221	-1.57674	41.5816	5.86926	0.125467	1
gi10667484	BAT2	9.15E-06	0.0253033	0.745591	-1.34122	0.00909733	0.693596	-1.44176	0.0674818	0.797584	-1.25379	0.468927	0.921876	-1.08474	0.00083934	0.574293	-1.74127	0.6798551	0.955224	-1.04688	1.27E-07	0.157189	-6.36177	0.135864	1.19414	1.19414	4.18E-05	0.4227	-2.36574	41.511	8.01244	0.171573	1
gi19880646	BAT2	1.36E-05	0.289243	0.880187	-1.13612	0.608344	0.9418	-1.06161	0.87589	1.01813	1.01813	1.38E-05	0.348758	-2.86763	2.70E-05	0.270137	0.703183	0.00057408	0.538813	-1.85593	0.000093196	0.540494	-1.85016	0.203442	1.16852	1.16852	0.000503198	0.532043	-1.87955	29.5604	6.30115	0.189477	1
gi09365542	BAT2	5.43E-05	0.489514	0.890238	-1.1233	9.44E-05	0.315874	-3.16582	0.0676336	0.712437	-1.40363	0.60412	0.917019	-1.09049	1.31E-05	0.220138	-4.54261	3.69E-05	0.268666	-3.72209	3.11E-05	0.260265	-3.84224	0.750771	0.948594	-1.05419	0.000994953	0.444908	-2.24765	26.0441	11.3137	0.386139	1
gi22954787	BAT2	0.000119266	0.681057	0.929083	-1.07613	1.80E-05	4.75222	-4.75222	6.66E-05	3.62728	3.62728	0.152356	1.31373	1.31373	0.103561	1.72844	-1.72844	0.00061257	0.390935	-2.55804	0.217968	1.25942	1.25942	0.0404677	1.50954	1.50954	0.083843	1.40196	1.40196	21.1398	10.5958	0.449357	1
gi08677954	BAT2	0.000126549	0.00142533	0.440496	-2.27017	1.44E-05	0.201126	-4.972	0.007795	0.545015	-1.83481	0.216313	1.26008	1.26008	0.000122425	0.303871	-3.29087	0.0341938	0.646435	-1.55127	0.00201043	0.460981	-2.16929	0.0740225	1.4244	1.4244	0.000771421	0.400567	-2.49646	20.7864	10.3926	0.444419	1
gi13478588	BAT2	0.000157741	0.00487791	0.679093	-1.47264	9.17E-05	0.496264	-2.01913	0.0615021	1.02127	1.02127	0.0119606	0.756853	-1.35711	2.15E-05	0.423192	-2.36299	0.00225134	0.545221	-1.83412	0.01004043	0.721238	-1.38651	0.885701	1.01457	1.01457	0.000328068	0.553878	-1.79251	19.6004	3.13988	0.142396	1
gi15449023	BAT2	0.000171096	0.0264113	1.32047	1.32047	0.620947	1.05405	1.05405	0.581991	0.649298	-1.56047	0.000241109	1.8993	1.8993	0.0010871	0.620313	-1.66386	0.296888	0.892073	-1.12008	0.379535	0.852184	1.17243	0.598814	0.0904656	1.21773	1.21773	19.1641	3.18464	0.15699	1
gi20107914	BAT2	0.0001772	0.4637863	1.15884	1.15884	0.000856579	0.371576	-2.69124	0.220914	1.28969	1.28969	0.11862	1.39781	1.39781	9.49E-05	0.252956	-3.95326	0.0003368519	0.323888	-3.08749	0.00348567	0.456718	-2.18953	0.000724141	2.76342	2.76342	0.1173331	0.71442	-1.39974	18.9833	11.7503	0.550206	1
gi27099493	BAT2	0.000252051	0.158207	0.790318	-1.26534	6.66E-05	0.219773	-3.12722	0.751595	1.05079	1.05079	0.148233	0.894605	1.117653	0.000139	0.359042	-2.78407	0.0003368519	0.454069	-2.20231	0.02731593	0.50359	1.50359	0.0557715	0.709721	-1.40899	5.90E-05	0.313633	-3.18864	17.2515	6.64664	0.385417	1
gi07827717	BAT2	0.000519475	0.0101401	0.6535	-2.00734822	0.0034822	0.351568	-2.81557	0.190097	1.39215	1.39215	0.00279224	0.366108	-2.73144	4.52E-05	0.152308	-6.56563	0.440519	0.825476	-1.21142	0.00406707	0.26147	-3.82454	0.0915032	0.635654	-1.57318	0.00268478	0.363613	-2.75018	14.1938	13.314	0.83698	1
gi03655025	BAT2	0.000753021	0.113388	0.687529	-1.45448	0.00966154	0.446631	-2.23899	0.2307	1.31448	1.31448	0.958915	0.988865	-1.01126	6.33E-05	0.280964	-3.55918	0.0016848	0.491347	-2.03522	0.4451057	1.13248	1.13248	0.0969591	0.740389	-1.33442	0.00174583	0.469281	-2.02724	11.9751	4.75605	0.353032	1
gi11860931	BAT2	0.000939852	0.343026	1.1673	1.1673	0.999991	1	1	1	0.966085	0.863252	-1.15841	0.356301	0.860496	-1.16212	3.43E-05	0.280964	-3.55918	0.0016848	0.491347	-2.03522	0.4451057	1.13248	1.13248	0.0969591	0.740389	-1.33442	0.00174583	0.469281	-2.02724	11.9751	4.75605	0.353032	1
gi14722070	BAT2	0.000129551	0.102492	0.707374	-1.41368	0.107641	1.40521	1.40521	0.238074	0.780766	-1.27054	0.071039	0.602358	-1.66014	0.000126183	0.273642	-3.64482	0.0009136	0.525727	-1.90213	0.00584523	0.357045	-2.80077	0.822475	0.957395	-1.0445	0.00422252	0.476104	2.10038	10.9299	6.49833	0.528486	1
gi10703104	BAT2	0.00180247	0.328816	0.84026	0.4322144	0.017222	-1.97512	-2.32366	0.0488703	0.565557	-1.76196	0.0141956	0.465775	-2.14707	0.0002266	0.208636	-4.79207	0.00385103	0.370596	-2.66599	0.002896021	0.225644	-4.43176	0.419239	0.818825	-1.21977	0.04156844	0.553368	-1.80712	9.52969	2.802792	1	1
gi15497818	BAT2	0.00306271	0.2764971	0.717503	-1.39372	0.00523509	0.339502	-2.94549	0.0113462	0.394662	-2.5338	0.00414009	0.323842	-3.08793	0.02924948	0.470789	-2.12409	0.396163	0.775037	-1.29026	0.000266224	0.172783	-5.78761	0.008764848	0.375622	-2.66225	0.003189972	0.306986	-3.25748	8.505731	11.5877	1.21097	1
gi26567295	BAT2	0.0007424	0.4581881	1.07669	1.07669	0.0208615	1.2331	1.2331	0.118148	1.18551	1.18551	0.0310468	1.28094	1.28094	0.276489	1.11707	1.11707	0.419009	1.10412	1.10412	0.00304964	0.563175	-1.77502	0.0343828	1.27317	1.27317	0.0180299	1.32047	1.32047	8.01135	1.21384	0.15468	1
gi26674057	BAT2	0.00379956	0.459523	-3.84337	-1.12596	0.04029	4.512672	-1.91691	0.0512914	0.658255	-1.51917	0.3525533	1.20332	1.20332	0.0044043	0.6349415	-1.57509	0.00329879	0.469076	-2.13235	0.00174743	0.411582	-2.42965	0.997783	0.845777	-1.18235	0.00613434	0.360237	-2.77518	7.974934	4.72736	0.526012	1
gi02529460	BAT2	0.00399501	0.0284516	1.79744	1.79744	0.00038821	3.60734	3.60734	0.00308207	2.50564	2.50564	0.593438	1.12997	1.12997	0.26656	0.769138	-1.30016	0.666485	0.90636	-1.10331	0.148378	1.42125	1.42125	0.0209191	1.87788	1.87788	0.0998302	0.66436	-1.50521	7.855545	6.39696	0.723853	1
gi25626453	BAT2	0.00442499	0.0946834	0.736334	-1.35823	0.016576	0.252796	-3.95573	0.0531565	0.808568	-1.23675	0.10154	0.432599	-2.31161	0.00025135	0.388253	-2.57581	0.0003803011	0.095527	-10.5094	0.00094557	0.224203	4.46848	0.553805	1.32306	1.32306	0.0731378	0.390043	-2.56382	7.61645	26.3551	3.07581	1
gi12674490	BAT2	0.0044756	0.6980099	1.12882	1.12882	0.33765	0.735512	-1.3596	0.00597047	0.327261	-3.05566	0.263125	1.437	1.437	0.000549121	0.188646	-3.90094	0.5046443	1.23418	1.23418	0.247203	1.45647	1.45647	0.118933	0.5909994	-1.69206	0.00627598	0.275278	-3.63269	7.59203	11.61	1.53964	1
gi14308867	BAT2	0.00417348	0.0617348	1.17091	1.17091	0.238429	1.1275	1.1275	0.0127137	1.31448	1.31448	0.958915	0.988865	-1.01126	6.33E-05	0.280964	-3.55918	0.0016848	0.491347	-2.03522	0.4451057	1.13248	1.13248	0.0969591	0.740389	-1.33442	0.00174583	0.469281	-2.02724	11.9751	4.75605	0.353032	1
gi18798086	BAT2	0.00541553	0.650195	-1.10022	1.10022	0.110843	1.43828	1.43828	0.135476	0.714171	-1.40022	0.0213735	1.78348	1.78348	0.000734393	0.341884	-2.92514	0.0073778	0.485624	-2.05921	0.609028	0.897696	-1.11396	0.126349	1.41339	1.41339	0.270576	0.786635	-1.27124	7.16149	4.96453	0.616201	1
gi23181413	BAT2	0.00568622	0.172762	0.743202	-1.34553	9.94E-05	0.213784	-4.67761	0.0431622	0.617647	-1.61905	0.0769694	0.666918	-1.49943	0.00934	0.10235	1.02335	0.136836	0.720051	-1.38879	0.936012	1.0178	1.0178	0.732849	1.07192	1.07192	0.9590111	0.989642	-1.01047	8.60698	5.12948	0.494027	1
gi01441143	BAT2	0.00640074	0.3506371	1.83866	1.1164	0.0123727	1.46914	1.46914	0.0210287	2.59472	2.59472	0.162787	1.93989	1.93989	0.0001628	0.516202	-1.93727	0.4851554	1.13464	1.1164	0.175277	1.23714	1.23714	0.292363	0.851053	-1.17501	0.8074002	0.964585	-1.03672	8.80376	2.34791	0.308837	1
gi15081882	BAT2	0.00656357	0.00472471	0.445177	-2.2463	0.0146325	0.523007	-1.91202	0.010945	0.542274	-1.84409	0.348976	0.812395	-1.23108	0.000566283	0.316091	-3.16365	0.358873	0.815205	-1.22669	0.00977407	0.494386	-2.02271	0.86719	1.03675	1.03675	0.647502	1.10436	1.10436	0.748228	4.96876	0.65449	1
gi25515481	BAT2	0.00735231	0.4186633	0.885105	-1.12981	0.659569	1.06766	1.06766	0.509705	1.10428	1.10428	0.270447	1.18466	1.18466	0.00017657	0.391017	-2.55744	0.0949578	0.762629	-1.31125	0.1330866	1.31248	1.31248	0.26986	0.588569	-1.69918	0.0153857	-1.52939	0.643444	2.25013	0.307028	0.138728	1
gi02212310	BAT2	0.00817099	?	?	?	?	?	?	?	2.70735	0.00275566	4.62676	4.62676	?	?	?	?	0.0606105	0.527546	-1.89557	0.0182592	0.420594	-2.37759	0.108725	1.69698	1.69698	0.793411	0.9223726	-1.08257	6.147705	8.89681	1.28652	1
gi26394227	BAT2	0.00884089	0.120963	1.66254	1.66254	0.00161241	3.92324	3.92324	0.0228026	2.27884	2.27884	0.640657	0.869543	-1.15003	0.346429	0.745943	-1.34058	0.0155491	0.520957	-1.92017	0.0095327	0.35945	-2.78216	0.0154227	1.0916	1.0916	0.0650851	0.635531	-1.57349	8.83009	4.47403	0.507002	1
gi23170237	BAT2	0.0107131	0.0832501	0.748932	-1.33524	0.00238508	0.8934	1.8934	0.00421735	1.78188	1.78188	0.0867439	0.751847	-1.33006	0.317448	0.855727	1.1686	0.914528	0.983944	-1.01632	0.304596	0.851896	-1.17385	0.220952	1.21409	1.21409	0.438737	0.887742	-1.12645	5.781448	2.08136	0.320005	1
gi19484147	BAT2	0.0021351	0.502916	0.7708	-1.29758	0.0138423	0.588211	-1.70021	0.0188251	0.728621	-1.37272	0.0172658	0.886353	-1.12814	0.0001662	0.307572	-3.25161	0.0016228	0.385563	-2.59393	0.0014969	0.470004	-2.13868	0.0149619	0.94992	0.94992	0.0171511	0.662097	-1.51026	5.941301	2.04183	0.355165	1
gi24684095	BAT2	0.01160317	0.00367683	0.375689	-2.66178	0.09218584	1.58744	1.58744	0.0722247	1.64906	1.64906	?	?	?	?	0.550737	0.860278	0.16241	0.00358949	0.374119	-2.67295	0.310361	0.769742	-1.29914	0.719611	1.09403	1.09403	0.280479	0.756022	-1.32271	5.7452	5.0272	0.875027	1
gi12732864	BAT2	0.01163245	0.0885785	1.39324	1.39324	0.0118515	0.577666	-1.7111	0.249026	0.81022	-1.23423	0.75899	1.05532	1.05532	0.0307049	0.642016	-1.55759	0.751728	1.057	1.057	0.00146771	0.44838	-2.23025	0.2713494	1.22139	1.22139	0.0646738	0.695562	-1.43686	5.62995	2.72031	0.429498	1
gi11154666	BAT2	0.01163645	0.0687237	1.17391	1.17391	0.2324222	1.09229	1.09229	-1.42197	0.773082	0.884558	1.13057	1.13057	1.13057	0.0001789	0.516058	-1.93784	0.0049707	0.156468	-6.39108	0.0635537	0.944684	-2.7421	0.369586	0.82897	0.82897	0.2326225	0.54592	-1.83174	5.34611	0.7898	3.29191	1
gi25371129	BAT2	0.0174891	0.0683577	1.81988	1.81988	0.00497098	0.97759	-1.97759	0.0278029	2.14467	2.14467	0.132032	1.6112	1.6112	0.0566046	0.530887	-1.88364	0.557839	0.840374	-1.18995	0.914161	1.03214	1.03214	0.00751226	2.7443	2.7443	0.407989	1.28189	1.28189	4.9225	6.71214	1.21206	1
gi27559893	BAT2	0.0175751	0.0027502	0.2611	-3.82975	0.0009752	0.1725	-5.80115	0.0031606	0.144835	0.144835	0.849031	0.9268441	-1.07903	0.921187	1.03933	1.03933	0.633446	0.82087	-1.21819	0.9211387	1.03933	1.03933	0.616804	1.2219	1.2219	0.2120999	0.5532566	1.8082	0.782256	1.273855	4.898	0.377	1
gi25661358	BAT2	0.0177968	0.277332	0.853309	-1.24176	0.00604761	0.502981	-1.98815	0.849042	0.964138	-1.0372	0.462603	0.866487	-1.15409	0.000696495	0.370898	-2.69616	0.536645	0.886995	-1.1274	0.304292	1.22617	1.22617	0.479758	0.871372	-1.14761	1.026223	0.728133	17.33738	4.893976	0.28494	0.517109	1
gi00408224	BAT2	0.0210733	0.0207095	1.49285	1.49285	0.00265522	1.81849	1.81849	0.0230303	1.47855	1.47855	0.0155799	1.53215	1.53215	0.121838	1.27284	1.27284	0.520633	0.910583	-1.0982	0.294287	1.16939	1.16939	0.0223966	1.48229	1.48229	0.299936	1.16711	1.16711	4.621353	5.154473	0.291339	1
gi27244082	BAT2	0.0215117	0.4473124	0.88649	-1.12814	0.0138724	1.24184	1.24184	0.0140425	0.842687	-1.18687	0.0215983	0.825829	-1.21113	0.000623	0.309823	-3.22813	0.678057	0.864541	-1.15677	0.0364441	0.739458	1.35182	0.0392006	1.79397	1.79397	0.027548	1.04571	4.5891	1.82356	0.857	0.40047	1
gi11234172	BAT2	0.0235725	0.0885496	2.00402	2.00402	0.327281	1.45376	1.45376	0.972703	0.989484	-1.01063	0.0521962	0.441728	-2.36384	0.02573521	0.375286	-2.66464	0.0110045	0.307222	-3.25497	0.0373968	0.409144	-2.44943	0.492599	0.77272	-1.29413	0.0210006	0.357982	-2.79343	4.65025	1.92711	0.414	1
gi05655559	BAT2	0.0241791	0.8273381	1.63866	1.1164	0.0123727	1.46914	1.46914	0.0210287	2.59472	2.59472	0.162787	1.93989	1.93989	0.0001628	0.516202	-1.93727	0.4851554	1.1164	1.1164	0.175277	1.23714	1.23714	0.292363	0.851053	-1.17501	0.8074002	0.964585	-1.03672	8.80376	2.34791	0.308837	1
gi08125488	BAT2	0.0249658	0.289507	1.63282	1.63282	0.106966	2.19199	2.19199	0.0200432	3.49523	3.49523	0.163808	1.93995	1.93995	0.0234324	0.298946	-3.34508	0.367634	0.928309	-1.07723	0.0997586	0.447322	-2.23553	0.0115149	4.09374	4.09374	0.919945	1.04585	1.04585	4.359311	13.7319	2.80001	1
gi23620731	BAT2	0.0252933	0.0441833	0.589004	-1.56374	0.6116693	0.71474	-1.32501	0.587747	1.35103	1.35103	0.651204	0.778667	-1.28425	0.00780126	0.152977	-6.53695	0.0151513	0.193785	-5.16935	0.0047459	0.205631	4.86185	0.299411	0.655553	-1.52552	0.046404	0.285341	-3.50458	4.939358	20.7679	4.25393	1
gi26583221	BAT2	0.0261199	0.522114	1.3882	1.3882	0.0306675	7.78852	7.78852	0.0187827	1.0414	1.0414	0.126447	2.30948	2.30948	0.0189959	0.598558	-1.6447	0.045985	1.049	1.049	0.44288	0.703699	-1.42106	0.0622265	1.82014	1.82014	0.0523415	1.38736	1.38736	4.314848	16.9749	3.60847	1
gi25157615	BAT2	0.0283613	0.366734	0.690493	-1.44824	0.0408739	0.389587	-2.56682	0.982253	0.991156	-1.00892	0.661854	0.431758	-2.31611	0.00693952	0.248286	-4.02762	0.032265	0.367348	-2.72221	0.0062784	0.241225	-4.14551	0.372774	1.44117	1.44117	0.1443381	0.534596	-1.87057	4.1689	10.5324	2.24572	1
gi23484352	BAT2	0.0287445	0.0923017	0.655205	-1.52609	0.376567	0.81581	-1.22557	0.377217	1.03653	1.03653	0.0251889	0.924734	-1.08157	0.00053285	0.192554	-5.19328	0.2468864	0.819133	-1.22071	0.1315057	0.559758	-1.78508	0.1190447	1.21594	1.21594	0.2853411	0.820763	-1.21858	4.1572	4.62937	1.11284	1
gi14801418	BAT2	0.0304525	0.916429	1.01645	1.01645	0.793434	1.04174	1.04174	0.0638171	1.3836	1.3836	0.765179	0.954392	-1.04779	0.28255	0.840282	-1.19008	0.567564	0.99422	-1.00542	0.0035177	0.484154	-2.60546	0.0574426	0.715059	-1.39849	0.943927	1.05102	1.01102	4.06515	1.56362	0.341902	1
gi04173139	BAT2	0.0310287	0.0109472	1.68558	1.68558	0.0520731	1.44093	1.44093	0.0308295	1.51374	1.51374	0.205146	0.803661	-1.24431	0.30153	0.840104	-1.19033	0.07408	0.71991	-1.38942	0.258245	1.21286	1.21286	0.32877	1.17917	1.17917	0.119562	0.845137	-1.18324	4.028855	1.70959	0.376367	1
gi02444305	BAT2	0.0320635	0.6067574	1.15464	1.15464	0.3255	0.5129222	0.58558	1.28558	0.622622	0.64198	-1.04198	0.525026	0.64198	1.786	0.01587331	0.930123	0.96937	0.45721	0.663044	-1.5082	0.215044	0.906994	-1.46248	0.297234	1.79773	1.79773	0.990839	1.00625	1.00625	3.991005	0.86193	0.1469	1
gi09313188	BAT2	0.0333393	0.009069681	0.377419	-2.64958	0.28165	1.39535	1.39535	0.391182	1.29902	1.29902	0.117264	0.761224	-1.31367	0.00863031	0.368921	-2.71061	0.0188191	0.428519	-2.33362	0.144221	0.62681	-1.59538	0.800575	1.07828	1.07828	0.405635	0.776198	-1.28833	3.935555	5.52676	1.24828	1
gi15685889	BAT2	0.0479851	0.1155605	1.18866	1.18866	0.0512296	1.8654	1.8654	0.0430832	1.58921	1.58921	0.0976638	0.644624	-1.55142	0.00039907	0.170593	-5.86281	0.0525842	0.640507	-1.56124	0.1819391	0.675633	1.48014	0.0317911	1.64141	1.64141	0.2013791	1.31479	1.31479	0.552351	1.12976	0.129178	0.580343	1
gi11292878	BAT2	0.0377464	0.172816	1.64178	1.64178	0.0257702	2.47164	2.47164	0.0269944	2.44721	2.44721	0.0993581	1.85396	1.85396	0.0314652	0.422221	-2.36843	0.834506	0.931	-1.07411	0.266064	1.48593	1.48593	0.0256924	2.47324	2.47324	0.450206	1.30074	1.30074	3.76234	6.95902	1.64414	1
gi02457745	BAT2	0.0384173	0.42474	0.673869	-1.48397	0.0460698	1.02481	1.02481	0.0111811	1.44214	1.44214	0.161563	2.048	2.048	0.0115227	0.474882	-2.10579	0.0698463	0.734709	-1.36129	0.0268723	0.317572	2.64007	-0.04744	0.3418458	1.98402	1.98402	0.676332	0.816039	-1.22543	3.7469	13.9134	3.83071	1
gi03134653	BAT2	0.0405952	0.279571	2.2317	2.2317	0.0965878	3.67934	3.67934	0.229852	2.45887	2.45887	0.39204	0.494857	-2.02078	0.01498854	0.81146	0.364412	0.186914	0.368241	-2.71562	0.0252087	0.204552	-4.6954	0.469741	1.47041	1.47041	0.180168	0.81608	0.0953304	0.270191	29.5867	7.17945	1
gi05182581	BAT2	0.0410243	0.1183366	0.54031	-1.85079	0.5731882	0.812684	-1.23049	0.221121	0.626868	-1.59523	0.122162	0.544274	-1.83731	?	?	?	0.38533	0.723856	-1.38149	0.00182462	0.200191	-4.99522	0.749289	1.12347	1.12347	0.0303155	0.396714	-2.52071	3.70589	6.8783	1.85605	1
gi03399814	BAT2	0.0412443	0.0923017	0.655205	-1.52609	0.376567	0.81581	-1.22557	0.377217	1.03653	1.03653	0.0251889	0.924734	-1.08157	0.00053285	0.192554	-5.19328	0.2468864	0.819133	-1.22071	0.1315057	0.559758	-1.78508	0.1190447	1.21594	1.21594	0.2853411	0.820763	-1.21858	4.1572	4.62937	1.11284	1
gi22503047	BAT2	0.0414817	0.0156048	1.75274	1.75274	0.167127	3.12147	3.12147	0.792635	0.951356	-1.05113	0.0280043	0.163446	0.492736	1.14095	1.14095	0.0001	0.071733	0.683484	-1.46309	0.0177661	1.72556	1.72556	0.67133	0.922393	-1.08414	0.767317	0.945388	-1.05777	3.634	2.06181	0.504326	1
gi10369594	BAT2	0.0415052	0.2134503	1.68143	1.68143	0.0580791	2.44758	2.44758	0.0522122	2.08198	2.08198	0.0748992	0.813535	-1.23002	0.00238985	0.166007	-6.02529	0.0221332	0.672089	-1.48793	0.0121706	0.464833	-2.15338	0.0127606	1.08253	1.08253	0.13388	0.683487	-1.46408	3.021567	1.93165	0.639	1
gi08367659	BAT2	0.0440066	0.317939	1.38302	1.38302	0.0089736	2.84018	2.84018	0.201918	1.52694	1.52694	0.342051	1.36004	1.36004	0.0232332	0.42648	-2.34477	0.341063	0.734781	-1.36095	0.128712	1.67492	1.67492	0.0879488	1.80677	1.80677	0.486037	1.24901	1.24901	3.555077	5.55578	1.38913	1
gi02700447	BAT2	0.0458994	0.400409	1.32913	1.32913	0.0414292	2.15779	2.15779	0.0698769	1.95425	1.95425	0.217871	1.53491	1.53491	0.0108486	0.347476	-2.87789	0.813567	1.08122	1.08122	0.163995	0.558128	-1.79106	0.220135	1.53136	1.53136	0.913844	0.964859	-1.03642	3.499646	6.05569	1.53819	1
gi24903176	BAT2	0.0460124	0.2007197	0.582734	-1.71602	0.0193771	0.272207	-3.68759	0.0440345	0.445254	-2.24552	0.0012919	0.463445	-2.15832	0.00074254	0.222771	-4.48907	0.1326543	0.499458	-2.00178	0.0227271	0.124507	8.03191	0.0017457	1.12267	1.12267	0.0479757	1.16567	1.16567	4.6268	17.1857	3.71572	0.465521	1
gi20193104	BAT2	0.0482648	0.0893792	1.46399	1.46399	0.200025	1.31718	1.31718	0.335164	1.22416	1.22416	0.457628	1.1664	1.1664	0.695745	1.08327	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17422460	BAT4;CSNK2B	0.0486336	0.732948	1.08403	1.08403	0.0370564	1.76896	1.76896	0.0247271	1.87743	1.87743	0.160654	1.42339	1.42339	0.549575	0.867066	-1.15331	0.599934	0.882779	-1.13279	0.134788	0.683974	-1.46204	0.0866427	0.640276	-1.56183	0.0500588	1.69279	1.69279	3.42394	3.00968	0.781342	1
cg17353177	BAT5	1.99E-05	0.435609	0.91378	-1.09435	0.563887	1.06837	1.06837	0.45246	0.916892	-1.09064	0.00784579	1.47217	1.47217	1.22E-05	0.351229	-2.84714	2.04E-05	0.37674	-2.65435	1.45E-05	0.359759	-2.77964	0.000757653	1.78376	1.78376	0.153096	0.840775	-1.18938	33.9256	6.90414	0.180896	1
cg08644973	BAT5	5.75E-05	0.000167106	0.137914	-7.2509	0.00109074	0.225501	-4.43456	0.388138	0.760796	-1.31441	0.244516	0.686392	-1.45689	5.12E-05	0.0959014	-10.4274	0.000306084	0.163277	-6.12457	6.92E-06	0.0460165	-21.7313	0.000667341	0.199969	-5.00077	0.00018643	0.142301	-7.02737	25.6586	38.8232	1.34495	1
cg14780115	BAT5	0.00245693	0.0504025	0.541988	-1.84506	0.00077207	0.247066	-4.0475	0.00431804	0.350677	-2.85163	0.0264432	0.485382	-2.06023	0.000646756	0.237574	-4.20921	0.013837	0.433661	-2.30595	0.0026461	0.319043	-3.13437	0.561249	1.17509	1.17509	0.0302458	0.496711	-2.01324	9.07833	10.8464	1.06201	1
cg05785394	BAT5	0.00314946	0.38598	0.733221	-1.36385	0.0930232	1.9682	1.9682	0.00022687	0.0459382	-21.7684	0.87029	1.05777	1.05777	0.0641038	0.46119	-2.1683	?	?	?	0.521451	1.25257	1.25257	0.0337068	2.58178	2.58178	0.0282976	2.71308	2.71308	17.0383	25.9741	0.95278	1
cg02072940	BAT5	0.00353809	0.682772	1.0631	1.0631	0.00136619	1.99747	1.99747	0.00291192	1.83896	1.83896	0.0552475	1.38208	1.38208	0.00718667	0.59648	-1.6765	0.854238	0.972987	-1.02776	0.217165	1.2133	1.2133	0.00431583	1.76503	1.76503	0.632178	1.07445	1.07445	8.14737	2.86116	0.312156	1
cg18505959	BAT5	0.00373788	0.0851234	0.715142	-1.39832	0.101486	1.37135	1.37135	0.933262	1.01486	1.01486	0.588145	0.908196	-1.10108	0.000202598	0.333668	-2.99699	0.00209462	0.466568	-2.14331	0.165628	0.770725	-1.29748	0.145867	0.75958	-1.31652	0.297662	1.20943	1.20943	8.01426	3.93724	0.436693	1
cg25729545	BAT5	0.00608945	0.0066826	0.379034	-2.63829	0.00820952	0.393607	-2.54061	0.0305204	0.496145	-2.01554	0.113931	0.622405	-1.60667	0.00168912	0.290205	-3.44584	0.0114617	0.418029	-2.39218	0.00136103	0.277515	-3.60341	0.0431927	0.526607	-1.89895	0.0244968	0.477677	-2.09347	6.90752	8.31654	1.07021	1
cg11836132	BAT5	0.00682611	0.639145	0.785734	-1.2727	0.97104	0.981635	-1.01871	0.249642	1.8484	1.8484	?	?	?	0.581398	0.75252	-1.32887	0.000221893	0.0432897	-23.1002	0.467218	0.685419	-1.45896	0.255595	1.83306	1.83306	0.0510292	3.11038	3.11038	6.80609	24.9797	3.67019	1
cg01254739	BAT5	0.0107899	0.813117	0.9236	-1.08272	0.106322	1.80733	1.80733	0.62994	0.849657	-1.17695	0.040165	0.451256	-2.21604	0.00725644	0.31275	-3.19745	0.00105844	0.19692	-5.07821	0.353838	0.726053	-1.37731	0.216417	1.54733	1.54733	0.394718	1.33982	1.33982	5.76822	10.2887	1.5855	1
cg06987944	BAT5	0.013776	0.00131576	0.200554	-4.98618	0.130405	0.570407	-1.75314	0.532921	0.804887	-1.24241	0.412566	1.33364	1.33364	0.0113805	0.33663	-2.97062	0.100184	0.53847	-1.85711	0.00551477	0.285442	-3.50333	0.823845	1.07963	1.07963	0.977549	0.990375	-1.00972	5.32804	9.96691	1.6628	1
cg00284511	BAT5	0.01555	0.67759	1.10044	1.10044	0.431713	1.20165	1.20165	0.00586063	0.437947	-2.28338	0.104217	1.50172	1.50172	0.1563	0.706698	-1.41503	0.00273596	0.38802	-2.57719	0.0848683	1.54682	1.54682	0.941022	0.983204	-1.01708	0.576646	0.878874	-1.13782	5.11928	4.24872	0.737729	1
cg02741419	BAT5	0.0159226	0.164559	1.57467	1.57467	0.018138	2.40738	2.40738	0.00755162	2.86454	2.86454	0.525049	1.218	1.218	0.232441	1.46729	1.46729	0.0297804	0.457009	-2.18814	0.0294154	0.455933	-2.19331	0.25276	0.693664	-1.44162	0.579747	0.842596	-1.18681	5.07918	7.54186	1.31987	1
cg27094516	BAT5	0.0182478	0.131785	0.326425	-3.06349	0.00454562	0.0741749	-13.4816	0.00884106	0.100891	-9.91165	0.0196922	0.143879	-6.95028	0.200106	0.393971	-2.53826	0.317662	0.491222	-2.03574	0.0048703	0.0766292	-13.0498	0.0254628	0.160825	-6.21796	0.0380364	0.191075	-5.23354	4.85275	36.4013	6.66771	1
cg15164826	BAT5	0.0191429	0.13755	0.700044	-1.42848	0.223814	1.32973	1.32973	0.104065	0.672813	-1.4863	0.581645	0.8833	-1.13212	0.259551	0.769303	-1.29988	0.000397273	0.284428	-3.51583	0.788131	0.941705	-1.0619	0.972169	1.00781	1.00781	0.141178	0.702669	-1.42315	4.77494	3.76033	0.700011	1
cg04102384	BAT5	0.0244636	0.314989	1.25753	1.25753	0.00340109	0.41559	-2.40622	0.0490945	0.609314	-1.64119	0.0129402	0.506431	-1.9746	0.0286988	0.566035	-1.76668	0.816377	1.05264	1.05264	0.387671	0.822613	-1.21564	0.759038	1.07021	1.07021	0.501607	1.16231	1.16231	4.39019	3.38181	0.684721	1
cg14428706	BAT5	0.0332555	0.167005	1.45016	1.45016	0.0728338	1.65675	1.65675	0.264373	1.34111	1.34111	0.22599	0.725597	-1.37818	0.0313156	1.89133	1.89133	0.798363	0.937457	-1.06672	0.00417994	2.63321	2.63321	0.0190598	2.04612	2.04612	0.98672	0.99581	-1.00421	3.93912	3.97086	0.896051	1
cg21825888	BAT5	0.036258	0.0955948	4.00002	4.00002	0.111334	3.71203	3.71203	0.161982	0.324451	-3.08213	0.0256319	0.130892	-7.63988	0.100401	3.90511	3.90511	0.014363	10.2683	10.2683	0.968782	1.02963	1.02963	0.226968	2.59525	2.59525	0.0926312	4.0621	4.0621	4.18136	36.1008	6.71513	1
cg22268256	BAT5	0.0369961	0.530486	0.900926	-1.10997	0.632019	0.923836	-1.08244	0.0591454	1.41886	1.41886	0.0538792	1.43242	1.43242	0.0183314	1.6	1.6	0.0188493	0.626813	-1.59537	0.441498	1.13754	1.13754	0.826392	0.964576	-1.03673	0.0811946	1.37358	1.37358	3.79001	1.61826	0.379538	1
cg24245227	BAT5	0.0374123	0.0355588	0.692774	-1.44347	0.0819741	0.748932	-1.33523	0.13277	1.27547	1.27547	0.38523	1.14287	1.14287	0.197416	1.22678	1.22678	0.55792	0.914945	-1.09296	0.534064	0.909855	-1.09908	0.41241	0.881866	-1.13396	0.00432494	0.564304	-1.77209	3.77457	1.34526	0.3168	1
cg06151074	BAT5	0.0467157	0.136326	0.73291	-1.36442	0.0796595	0.686197	-1.45731	0.00631653	1.99077	1.99077	0.988423	1.00281	1.00281	0.627102	0.909571	-1.09942	0.0516933	0.651347	-1.53528	0.44846	0.861092	-1.16132	0.101733	0.706919	-1.41459	0.516295	0.88037	-1.13589	3.47635	2.06368	0.527675	1
cg04063763	BAT5	0.0478967	0.710344	0.948545	-1.05425	0.0985903	1.29238	1.29238	0.310898	1.16005	1.16005	0.00653558	0.606315	-1.64931	0.147524	0.802472	-1.24615	0.457177	0.898329	-1.11318	0.364755	0.876448	-1.14097	0.872937	0.977591	-1.02292	0.0409988	1.39647	1.39647	3.44377	1.09366	0.28229	1
cg13488070	BAT5;BAT5	0.0142638	0.00462582	0.709859	-1.40873	0.435522	0.930198	-1.07504	0.271389	1.10975	1.10975	0.00474929	0.711027	-1.40642	0.168585	0.875091	-1.14274	0.340424	1.09347	1.09347	0.431967	0.929655	-1.07567	0.204731	1.12942	1.12942	0.0406909	1.23976	1.23976	5.26744	0.690084	0.116453	1
cg00737556	BATF	0.000829151	0.208348	1.20253	1.20253	0.0225103	0.683874	-1.46226	3.31E-05	0.326177	-3.06582	0.00639744	0.610605	-1.63772	0.00406322	0.584885	-1.70974	0.136064	0.799843	-1.25025	0.0158242	0.662971	-1.50836	0.00156626	0.531663	-1.88089	0.440072	0.896297	-1.1157	12.4064	3.79886	0.272178	1
cg15645309	BATF	0.00126476	0.156003	0.719559	-1.38974	0.000146606	0.242559	-4.12271	0.000157999	0.246289	-4.06027	0.0152107	0.523883	-1.90882	0.0759838	0.651677	-1.5345	0.0445082	0.606328	-1.64927	0.239737	1.30597	1.30597	0.660822	1.10048	1.10048	0.862425	0.963087	-1.03833	11.0053	8.19602	0.661988	1
cg10939650	BATF	0.00323383	0.951345	1.02863	1.02863	0.000914999	0.101007	-9.90033	0.74242	0.858502	-1.16482	0.587176	1.28866	1.28866	0.000386636	0.0728731	-13.7225	0.468973	0.711178	-1.40612	0.00137623	0.116847	-8.55824	0.289898	0.601605	-1.66222	0.357918	0.645741	-1.54861	8.36919	28.3663	3.01277	1
cg24673600	BATF	0.00387551	0.517153	0.941216	-1.06246	0.14725	0.866348	-1.15427	0.955111	0.994821	-1.00521	0.198693	0.882236	-1.13348	0.219104	1.12662	1.12662	0.0366605	0.799342	-1.25103	0.000518532	1.64784	1.64784	0.00215432	0.672059	-1.48796	0.240122	0.892739	-1.12015	7.92762	1.06846	0.119802	1
cg07688213	BATF	0.00425334	0.178547	0.712059	-1.40438	0.430312	1.21079	1.21079	0.122761	1.48783	1.48783	0.519182	0.856188	-1.16797	8.38E-05	0.186109	-5.3732	0.636177	0.892953	-1.11988	0.106008	1.52117	1.52117	0.781967	1.06814	1.06814	0.548021	1.15539	1.15539	7.70824	6.89206	0.79477	1
cg13738571	BATF	0.00536388	0.521581	0.896336	-1.11565	9.52E-05	0.310114	-3.22462	0.0174386	0.614111	-1.62837	0.0363307	0.663675	-1.50676	0.246326	0.81526	-1.2266	0.893952	1.02272	1.02272	0.200108	0.796109	-1.25611	0.0245714	0.63692	-1.57006	0.610448	0.917086	-1.09041	7.18257	3.22856	0.399555	1
cg09937039	BATF	0.00653612	0.00452304	0.290454	-3.44289	0.000492565	0.168087	-5.94929	0.156775	0.609622	-1.64036	0.0816162	0.532229	-1.87889	0.00232281	0.2491	-4.01445	0.247281	0.67347	-1.48485	0.0254154	0.419745	-2.3824	0.0261033	0.422047	-2.3694	0.130267	0.586239	-1.70579	6.75774	11.429	1.50333	1
cg22995449	BATF	0.0075163	0.0613912	0.627866	-1.5927	0.0365317	1.71026	1.71026	0.415328	0.832046	-1.20186	0.000924708	0.335348	-2.98198	0.0847674	0.656407	-1.52344	0.0203085	1.85491	1.85491	0.987205	1.00355	1.00355	0.0948964	0.666765	-1.49978	0.150744	0.711701	-1.40508	6.46961	4.99711	0.686576	1
cg21158815	BATF	0.0172198	0.0793748	0.523374	-1.91068	0.217738	0.649792	-1.53895	0.125189	0.575915	-1.73637	0.333338	0.717654	-1.39343	0.00104394	0.199207	-5.0199	0.594809	1.1954	1.1954	0.00347104	0.267415	-3.73951	0.205614	0.6415	-1.55885	0.0664785	0.504476	-1.98225	4.94816	8.66261	1.55615	1
cg07569939	BATF	0.0172321	0.778285	1.0975	1.0975	0.00178661	0.231028	-4.32848	0.00248132	0.250031	-3.99951	0.71621	0.886626	-1.12787	0.117686	0.571194	-1.75072	0.11411	0.56751	-1.76208	0.0221555	0.404939	-2.46951	0.129956	0.583251	-1.71453	0.406995	0.756104	-1.32257	4.94698	8.51147	1.52937	1
cg10495270	BATF	0.0430046	0.0137602	0.349775	-2.85898	0.0033361	0.252093	-3.96679	0.178586	0.610832	-1.63711	0.324974	0.704276	-1.4199	0.0519828	0.466453	-2.14384	0.292928	0.686372	-1.45693	0.0614295	0.483447	-2.06848	0.0397119	0.44031	-2.27113	0.13198	0.57076	-1.75205	3.58571	6.75639	1.67489	1
cg07589846	BATF3	0.000108294	0.0992714	0.826449	-1.21	0.00787556	0.697927	-1.43281	0.0926787	1.21553	1.21553	0.0304534	0.764672	-1.30775	0.182354	0.861309	-1.16102	7.89E-05	2.12307	2.12307	0.000133769	0.497446	-2.01027	0.000180108	1.95193	1.95193	0.0981112	1.21094	1.21094	21.6733	3.81987	0.156664	1
cg09952946	BATF3	0.000174719	0.131682	0.891457	-1.12176	0.21761	1.09591	1.09591	0.301938	1.07843	1.07843	0.00188583	0.732668	-1.36488	0.12775	0.890235	-1.1233	0.427069	1.05893	1.05893	0.00174583	0.729723	-1.37038	0.000101106	1.62661	1.62661	7.98E-05	1.65391	1.65391	19.0558	1.5046	0.0701845	1
cg15718594	BATF3	0.018064	0.0239899	0.461411	-2.16726	0.0533878	1.87818	1.87818	0.0923152	0.587329	-1.70262	0.265361	1.39571	1.39571	0.104999	0.601187	-1.66338	0.10085	0.596803	-1.67559	0.143366	1.57097	1.57097	0.00843883	2.62779	2.62779	0.819377	0.936414	-1.0679	4.86931	6.36277	1.16152	1
cg21774754	BATF3	0.0186289	0.0877101	0.296265	-3.37536	0.00616943	0.0997067	-10.0294	0.211016	2.34092	2.34092	0.940148	0.952691	-1.04966	?	?	?	0.00243635	0.0656865	-15.2238	0.0875213	0.296006	-3.3783	0.942174	0.954259	-1.04793	0.921596	1.0656	1.0656	4.9076	28.7792	5.86422	1
cg16410706	BATF3	0.0234097	0.219953	0.831711	-1.20234	0.296869	0.856829	-1.16709	0.0496993	1.37692	1.37692	0.255253	1.18494	1.18494	0.905029	1.0172	1.0172	0.223858	1.20029	1.20029	0.0112773	0.635432	-1.57373	0.0179437	1.50817	1.50817	0.0374514	1.41194	1.41194	4.45762	1.44099	0.287347	1
cg08138435	BATF3	0.0458455	0.895618	1.0391	1.0391	0.6061	0.858991	-1.16416	0.957739	0.984634	-1.01561	0.00493248	2.96888	2.96888	0.431926	0.791062	-1.26412	0.933977	0.976079	-1.02451	0.0654509	0.5465	-1.82983	0.019102	2.29067	2.29067	0.888314	0.95977	-1.04192	3.50101	4.73474	1.20213	1
cg27565645	BAX;BAX;BAX;BAX;BAX	0.00182089	0.62197	1.20173	1.20173	0.000732279	6.67147	6.67147	0.00715349	3.61178	3.61178	0.0250444	2.67964	2.67964	0.022814	2.73833	2.73833	0.164209	1.73121	1.73121	0.000168326	10.6704	10.6704	0.00272091	4.62098	4.62098	0.00780676	3.53505	3.53505	9.90856	21.4553	1.92474	1
cg05513979	BAX;BAX;BAX;BAX;BAX	0.00810192	0.0425949	1.76758	1.76758	0.048136	1.73513	1.73513	0.885491	0.965452	-1.03578	0.000939976	3.33337	3.33337	0.0451715	1.75192	1.75192	0.0376664	1.80085	1.80085	0.0199687	0.503989	-1.98417	0.579156	0.87224	-1.14647	0.173676	1.42357	1.42357	6.31891	5.95761	0.838063	1
cg14833160	BAX;BAX;BAX;BAX;BAX	0.0118325	0.946366	0.989621	-1.01049	0.669045	1.06896	1.06896	0.09807	1.325	1.325	0.0221856	1.52992	1.52992	0.234488	0.824265	-1.2132	0.347581	1.16181	1.16181	0.316255	1.17431	1.17431	0.000292947	2.49741	2.49741	0.107266	1.31341	1.31341	5.59896	2.1326	0.338571	1
cg10585180	BAX;BAX;BAX;BAX;BAX	0.0141372	0.539503	1.16465	1.16465	0.00203874	0.344055	-2.90651	0.92496	1.02339	1.02339	0.933165	0.979629	-1.02079	0.991021	0.997243	-1.00276	0.0738791	1.63042	1.63042	0.0117139	2.16573	2.16573	0.0663701	0.603365	-1.65737	0.107605	0.649939	-1.53861	5.28292	5.0376	0.847613	1
cg01284415	BAX;BAX;BAX;BAX;BAX	0.0193015	0.0229742	0.372292	-2.68606	0.189944	1.65584	1.65584	0.0371288	2.40872	2.40872	0.0532729	2.22027	2.22027	0.0278397	0.388946	-2.57105	0.410553	1.35758	1.35758	0.01644	2.90083	2.90083	0.360239	1.40733	1.40733	0.202337	1.63066	1.63066	4.76163	9.95191	1.8578	1
cg09327582	BAZ1A;BAZ1A	0.0003805	0.0985776	0.728446	-1.37278	0.91579	1.01867	1.01867	0.000233674	0.343874	-2.90804	0.19977	0.789034	-1.26737	1.05E-05	0.192698	-5.18948	0.718407	1.06539	1.06539	0.135363	1.32517	1.32517	0.685622	0.93129	-1.07378	0.124754	0.747744	-1.33736	15.411	7.46773	0.430731	1
cg01831476	BAZ1A;BAZ1A	0.000984413	0.000413014	0.553278	-1.80741	0.0310769	0.765489	-1.30635	0.042278	0.78113	-1.2802	0.135764	1.18502	1.18502	0.00011789	0.490773	-2.0376	0.139858	1.18263	1.18263	0.90882	0.987975	-1.01217	0.781653	1.02977	1.02977	0.00596177	0.684104	-1.46177	11.8191	2.08724	0.156978	1
cg18525312	BAZ1A;BAZ1A	0.0284015	0.0268548	0.33258	-3.0068	0.0416254	0.372991	-2.68103	0.129431	0.502648	-1.98947	0.143279	0.516644	-1.93557	0.00410844	0.198633	-5.0344	0.0486347	0.388437	-2.57442	0.0164109	0.291892	-3.42592	0.612995	1.23881	1.23881	0.0401561	0.369511	-2.70628	4.16682	11.6332	2.48167	1
cg16746455	BAZ1A;BAZ1A	0.0351447	0.485954	0.887623	-1.12661	0.474872	1.13016	1.13016	0.142978	1.30353	1.30353	0.643831	0.924599	-1.08155	0.720204	1.06243	1.06243	0.319939	1.18893	1.18893	0.000637355	2.41844	2.41844	0.61521	1.08908	1.08908	0.197174	1.25805	1.25805	3.86136	1.73385	0.399133	1
cg07414384	BAZ1A;BAZ1A;BAZ1A;BAZ1A	6.94E-05	0.859796	0.976061	-1.02453	0.00115222	0.519647	-1.92438	0.193477	1.20753	1.20753	9.89E-06	0.272158	-3.67433	0.00529665	1.65483	1.65483	8.62E-05	0.380595	-2.62747	0.0435144	1.37456	1.37456	0.278276	1.16708	1.16708	0.0264079	1.43445	1.43445	24.4074	7.26038	0.264414	1
cg23422263	BAZ1A;BAZ1A;BAZ1A;BAZ1A	0.0151001	0.401568	1.11733	1.11733	0.311282	1.14496	1.14496	0.0019768	1.75913	1.75913	0.0616756	1.31255	1.31255	0.352404	1.13163	1.13163	0.000683482	1.95509	1.95509	0.576872	1.07556	1.07556	0.300653	1.14866	1.14866	0.45177	1.10414	1.10414	5.16932	1.36712	0.235084	1
cg15207885	BAZ1B	0.00126202	0.0472408	0.734808	-1.3609	0.0365353	0.719054	-1.39072	0.00309643	0.577313	-1.73216	0.00395573	0.590921	-1.69227	0.409745	1.12123	1.12123	0.274055	0.856861	-1.16705	0.000244337	0.43916	-2.27707	0.369845	1.13315	1.13315	0.000341843	0.457129	-2.18757	11.0121	3.21299	0.25935	1
cg09218327	BAZ1B	0.00277981	0.0537114	0.504938	-1.98044	0.00848912	2.85189	2.85189	0.00452093	3.25514	3.25514	0.0725703	1.86809	1.86809	0.00119869	0.227532	-4.39498	0.683619	0.880021	-1.13634	0.216021	0.666217	-1.50101	0.0630647	1.91975	1.91975	0.0559148	1.96507	1.96507	8.75369	13.4898	1.36982	1
cg09213574	BAZ1B	0.00373597	0.0472704	0.695177	-1.43848	0.794146	0.95898	-1.04278	0.664121	0.932411	-1.07249	0.145102	0.778306	-1.28484	0.012827	1.64059	1.64059	0.00304436	1.91602	1.91602	0.000742398	0.440267	-2.27135	0.2428	0.822187	-1.21627	0.509551	0.898378	-1.11312	8.01548	3.25704	0.361194	1
cg21340129	BAZ1B	0.00545186	0.218493	1.1774	1.1774	0.00126458	1.81063	1.81063	0.124805	1.23326	1.23326	0.116297	1.24028	1.24028	0.666603	1.05621	1.05621	0.9699	1.00477	1.00477	0.0120597	0.673686	-1.48437	0.00441824	0.619158	-1.6151	0.256933	1.16101	1.16101	7.14681	1.802	0.224125	1
cg00525989	BAZ1B	0.00550646	0.32662	0.935407	-1.06905	0.000582698	1.41998	1.41998	0.170431	1.10104	1.10104	0.0204282	0.831756	-1.20228	0.553245	1.04034	1.04034	0.528683	1.04298	1.04298	0.688041	0.973739	-1.02697	0.00589824	0.788578	-1.26811	0.299993	1.07339	1.07339	7.12499	0.490558	0.0612003	1
cg06394887	BAZ1B	0.0103912	0.871193	1.01893	1.01893	0.29173	1.13473	1.13473	0.367058	1.113	1.113	0.0433973	1.30786	1.30786	0.907561	0.986669	-1.01351	0.207443	1.16601	1.16601	0.000407085	0.522548	-1.9137	0.1445	1.19853	1.19853	0.223375	1.15929	1.15929	5.83841	1.23434	0.187926	1
cg14093368	BAZ1B	0.048195	0.611266	1.08829	1.08829	0.162597	1.27897	1.27897	0.245603	1.22195	1.22195	0.0873995	0.732365	-1.36544	0.0375289	0.67144	-1.48934	0.0520205	0.694299	-1.4403	0.0204116	0.630495	-1.58605	0.769769	0.952713	-1.04963	0.242632	1.22364	1.22364	3.4357	1.48244	0.383539	1
cg15636799	BAZ1B;BAZ1B	0.00389247	0.492869	0.643897	-1.55304	0.255168	2.12575	2.12575	?	?	?	0.465987	0.62557	-1.59854	0.000120222	0.00946004	-105.708	0.776653	0.835751	-1.19653	0.197827	2.37668	2.37668	?	?	?	0.612291	0.724191	-1.38085	9.66552	46.3494	4.79533	1
cg05166819	BAZ1B;BAZ1B	0.00450516	0.0895185	0.74093	-1.34965	0.00962251	1.69035	1.69035	0.02148	1.5565	1.5565	0.491455	1.11843	1.11843	0.280895	0.835672	-1.19664	0.11421	0.759416	-1.3168	0.000797507	0.444331	-2.25057	0.2874	1.19354	1.19354	0.0673916	1.38857	1.38857	7.57509	3.07789	0.361171	1
cg18955060	BAZ2A	0.00250793	0.2937	0.820031	-1.21947	0.107756	1.37674	1.37674	4.02E-05	4.17388	4.17388	0.684786	0.928351	-1.07718	0.138993	1.33656	1.33656	0.582677	0.903851	-1.10638	0.0411647	1.53595	1.53595	0.365261	0.844117	-1.18467	0.468193	1.14392	1.14392	9.02362	4.74249	0.467168	1
cg23346227	BAZ2A	0.00267723	0.260077	0.786425	-1.27158	0.0017161	2.49748	2.49748	0.000907862	2.75881	2.75881	0.0150857	0.542912	-1.84192	0.0824308	1.48208	1.48208	0.206805	0.761628	-1.31298	0.021128	1.7631	1.7631	0.0380533	1.63525	1.63525	0.863392	0.965392	-1.03585	8.8515	5.86374	0.588851	1
cg06607719	BAZ2A	0.00473936	0.82035	0.978103	-1.02239	0.00490758	1.43736	1.43736	0.000185423	1.84874	1.84874	0.924558	1.00926	1.00926	0.161075	0.864418	-1.15685	0.771278	0.972026	-1.02878	0.213511	1.13599	1.13599	0.0257595	1.29402	1.29402	0.181048	1.14823	1.14823	7.45932	1.11927	0.133378	1
cg11609545	BAZ2A	0.0177056	0.0312725	0.699816	-1.42895	0.0296351	1.43574	1.43574	0.111206	1.27775	1.27775	0.0102883	1.57897	1.57897	0.0950276	0.771718	-1.29581	0.107634	0.780341	-1.28149	0.0802532	0.760246	-1.31536	0.699408	0.946668	-1.05634	0.412798	0.88845	-1.12556	4.90222	1.54921	0.280908	1
cg14634319	BAZ2A	0.0227828	0.397449	0.855342	-1.16912	0.00348464	2.04405	2.04405	0.0860364	1.40789	1.40789	0.0448961	0.660256	-1.51456	0.774853	1.05308	1.05308	0.092216	0.715882	-1.39688	0.143767	1.32746	1.32746	0.111301	1.36727	1.36727	0.214066	1.26606	1.26606	4.49954	2.31764	0.457851	1
cg15894619	BAZ2A	0.0237047	0.544178	0.938032	-1.06606	0.318572	0.898144	-1.11341	0.0408481	0.781923	-1.2789	0.69931	0.960361	-1.04128	0.0374991	1.286	1.286	0.531173	1.06834	1.06834	0.00317951	1.52173	1.52173	0.0446772	1.2715	1.2715	0.786795	0.972143	-1.02865	4.43837	0.763368	0.152883	1
cg25282083	BAZ2A	0.0256161	0.285957	1.26352	1.26352	0.00786984	0.486906	-2.05378	0.00266079	0.415989	-2.40391	0.152453	1.38197	1.38197	0.239956	0.77128	-1.29655	0.629418	1.10808	1.10808	0.945085	1.01465	1.01465	0.75842	1.06728	1.06728	0.880898	1.03215	1.03215	4.32045	3.04842	0.627182	1
cg09699605	BAZ2A	0.0265636	0.730181	0.93087	-1.07426	0.851359	0.96193	-1.03958	0.443257	1.17556	1.17556	0.607223	0.898271	-1.11325	0.0652908	0.651714	-1.53442	0.209222	1.31504	1.31504	0.000894717	0.357346	-2.79841	0.226532	1.30048	1.30048	0.737682	1.07203	1.07203	4.26596	2.89253	0.602711	1
cg18206859	BAZ2A	0.0424529	0.00740024	1.35126	1.35126	0.21968	1.11918	1.11918	0.514933	1.0593	1.0593	0.462312	1.06746	1.06746	0.979186	1.00228	1.00228	0.0497571	1.21562	1.21562	0.0136307	0.766264	-1.30503	0.621291	1.0444	1.0444	0.376763	1.08235	1.08235	3.60296	0.434325	0.107153	1
cg18692276	BAZ2A	0.0448335	0.522027	1.08403	1.08403	0.00323152	1.64798	1.64798	0.351505	1.12663	1.12663	0.247486	1.16225	1.16225	0.900366	0.984546	-1.0157	0.18746	1.18971	1.18971	0.0224824	0.711833	-1.40482	0.386876	1.11661	1.11661	0.729629	1.04409	1.04409	3.53042	0.864555	0.217678	1
cg03510606	BAZ2B	8.11E-05	0.678748	1.11747	1.11747	0.121806	0.639386	-1.564	0.000546536	0.238779	-4.18797	0.225715	1.40391	1.40391	1.33E-06	0.0368493	-27.1375	0.885503	0.962306	-1.03917	0.500793	1.19989	1.19989	0.0769404	1.68961	1.68961	0.997757	0.999251	-1.00075	23.4108	26.3661	1.0011	1
cg03375703	BAZ2B	0.00117848	0.868201	0.964363	-1.03695	0.00030193	0.277006	-3.61003	0.335557	0.804956	-1.2423	0.00389706	0.427791	-2.33759	0.000429706	0.296007	-3.3783	0.804288	1.05575	1.05575	0.0354733	1.70735	1.70735	0.307394	1.25968	1.25968	0.00929942	0.486288	-2.0564	11.2296	8.4904	0.672064	1
cg04706995	BAZ2B	0.027761	0.21481	1.40483	1.40483	0.250954	1.3665	1.3665	0.0108058	2.30121	2.30121	0.945156	0.982251	-1.01807	0.0369899	0.532298	-1.87865	0.253422	0.733088	-1.36409	0.20833	0.708011	-1.41241	0.0129284	0.447883	-2.23273	0.472961	0.826948	-1.20927	4.20044	4.50796	0.953966	1
cg07789559	BBC3;BBC3;BBC3;BBC3	2.29E-06	0.0565948	0.790231	-1.26545	2.36E-06	3.4999	3.4999	0.00459641	1.5091	1.5091	0.0941527	0.818108	-1.22233	0.000619464	0.562878	-1.77658	0.680525	0.955839	-1.0462	9.93E-08	6.60333	6.60333	0.769187	0.96841	-1.03262	0.154234	1.18102	1.18102	59.3453	11.1855	0.167539	1
cg11759937	BBC3;BBC3;BBC3;BBC3	0.00280081	0.00126755	1.40755	1.40755	0.350632	0.932558	-1.07232	0.559422	1.04383	1.04383	0.0155155	0.805925	-1.24081	0.0178208	0.811108	-1.23288	0.192207	0.904541	-1.10553	0.060474	1.16633	1.16633	0.00253289	1.35608	1.35608	0.0870802	1.1472	1.1472	8.73422	0.730747	0.0743688	1
cg06431188	BBC3;BBC3;BBC3;BBC3	0.0142054	0.0421847	0.67645	-1.47831	0.238918	0.813845	-1.22873	0.012714	1.67718	1.67718	0.930839	1.0146	1.0146	0.080572	0.723492	-1.38218	0.232041	1.23285	1.23285	0.0355419	1.50484	1.50484	0.00505903	1.85712	1.85712	0.812247	1.04054	1.04054	5.27456	2.32995	0.392653	1
cg22034968	BBC3;BBC3;BBC3;BBC3	0.0168759	0.731653	1.12293	1.12293	0.274603	1.46648	1.46648	0.873917	1.05494	1.05494	0.897891	1.04419	1.04419	0.072812	0.509634	-1.96219	0.156816	0.600465	-1.66537	0.000524758	0.161981	-6.17358	0.175238	1.62506	1.62506	0.567726	1.21473	1.21473	4.98168	8.95038	1.59703	1
cg11375475	BBC3;BBC3;BBC3;BBC3;BBC3	0.0424041	0.684719	0.941903	-1.06168	0.874576	0.977105	-1.02343	0.053224	1.37991	1.37991	0.0858585	1.32091	1.32091	0.0941078	1.3098	1.3098	0.112818	1.28797	1.28797	0.322202	0.86076	-1.16176	0.00820104	0.609002	-1.64203	0.635681	0.93242	-1.07248	3.6045	1.22724	0.302644	1
cg18054578	BBC3;BBC3;BBC3;BBC3;BBC3;BBC3	0.00102063	0.0317314	0.466561	-2.14334	0.00485825	0.322804	-3.09786	0.00618119	0.339172	-2.94835	0.00199584	0.266776	-3.74847	0.0611568	0.527886	-1.89435	0.26747	0.704839	-1.41876	5.97E-05	0.105648	-9.4654	0.000525295	0.194724	-5.13548	0.0240643	0.442745	-2.25864	11.6986	16.9871	1.29072	1
cg25731261	BBC3;BBC3;BBC3;BBC3;BBC3;BBC3	0.0183326	0.390336	0.78616	-1.27201	0.941063	0.979992	-1.02042	0.000989587	0.262417	-3.81072	0.758637	1.08789	1.08789	0.783857	1.07805	1.07805	0.561359	1.17413	1.17413	0.00364562	0.341307	-2.92991	0.47388	0.819474	-1.2203	0.175338	0.674396	-1.48281	4.84518	5.73327	1.05182	1
cg09877117	BBC3;BBC3;BBC3;BBC3;BBC3;BBC3;BBC3	0.00111337	0.107937	0.713092	-1.40234	0.272881	1.24607	1.24607	0.0603612	0.664765	-1.50429	0.0351621	0.623101	-1.60488	0.881739	0.97171	-1.02911	0.978146	0.994733	-1.00529	4.52E-05	0.225862	-4.42748	0.000342192	0.329016	-3.03936	0.246016	0.791448	-1.26351	11.4129	6.7176	0.523195	1
cg20910746	BBOX1	0.00765242	0.00412832	0.293567	-3.40637	0.0652482	0.517106	-1.93384	0.262022	0.688879	-1.45163	0.188418	1.55906	1.55906	0.000730231	0.194703	-5.13603	0.0782298	1.86535	1.86535	0.901779	1.04013	1.04013	0.890441	1.0449	1.0449	0.19679	0.647356	-1.54475	6.43331	10.3461	1.42951	1
cg19320730	BBOX1	0.00877313	0.00229276	0.324453	-3.08211	0.00119152	0.285228	-3.50597	0.0294563	0.508087	-1.96817	0.408875	1.24988	1.24988	0.0179568	0.467981	-2.13684	0.512642	0.839172	-1.19165	0.0670135	0.581514	-1.71965	0.595745	0.868153	-1.15187	0.557733	1.16947	1.16947	6.16205	6.80488	0.981619	1
cg06847828	BBOX1	0.0163549	0.655237	0.845736	-1.1824	0.00425996	0.240297	-4.16151	0.207496	0.609244	-1.64138	0.0723905	0.473561	-2.11166	0.00188284	0.193418	-5.17015	0.0163074	0.334567	-2.98894	0.729778	0.878731	-1.138	0.872226	0.941758	-1.06184	0.0186872	0.345539	-2.89403	5.03408	11.0818	1.95676	1
cg03058733	BBOX1	0.0331497	0.953953	0.9835	-1.01678	0.0123466	0.407566	-2.45359	0.0224216	0.454725	-2.19913	0.378096	0.770626	-1.29765	0.205286	0.680438	-1.46964	0.814315	0.934462	-1.07013	0.0101144	2.54682	2.54682	0.424519	1.26488	1.26488	0.607903	0.861484	-1.16079	3.94363	5.18455	1.16859	1
cg10130811	BBS1	1.05E-06	1.76E-06	0.262497	-3.80956	0.00534414	0.662908	-1.50851	0.000495309	0.542856	-1.84211	3.78E-05	0.412126	-2.42644	2.15E-07	0.172804	-5.78689	3.14E-06	0.289574	-3.45334	2.42E-07	0.17743	-5.63602	5.66E-05	0.432593	-2.31164	0.000125925	0.473257	-2.11302	72.3744	14.3897	0.176732	1
cg12018863	BBS1	0.00188074	0.00782805	0.471591	-2.12048	0.00107415	0.345149	-2.8973	0.0573275	0.622824	-1.60559	0.0454757	0.603407	-1.65726	0.000894273	0.334439	-2.99009	0.0110384	0.495589	-2.0178	0.000212447	0.255924	-3.9074	0.0103806	0.491246	-2.03564	0.0639856	0.632265	-1.58161	9.81594	7.53911	0.682709	1
cg25777054	BBS1	0.0495491	0.0666955	0.625516	-1.59868	0.79894	0.943417	-1.05998	0.446586	0.837749	-1.19367	0.00411997	0.415594	-2.4062	0.093894	0.656813	-1.5225	0.0979131	0.660782	-1.51336	0.0784938	0.640189	-1.56204	0.998781	0.999651	-1.00035	0.149525	1.42282	1.42282	3.39981	2.80403	0.73312	1
cg24759064	BBS10	1.47E-05	0.816782	1.0265	1.0265	2.41E-06	0.274926	-3.63734	0.00054911	0.546105	-1.83115	0.000546281	0.545843	-1.83203	0.00774724	0.680109	-1.47035	0.514983	1.07726	1.07726	5.46E-05	0.428637	-2.33298	0.000911728	1.74877	1.74877	2.94E-05	0.397315	-2.5169	36.7076	7.3863	0.178862	1
cg02930132	BBS10	0.00630431	0.882517	0.978893	-1.02156	0.126035	0.787565	-1.26974	0.0208249	1.49379	1.49379	0.610545	0.92858	-1.07691	0.474165	0.900317	-1.11072	0.331977	0.86555	-1.15533	0.000138206	0.386573	-2.58683	0.825001	0.968557	-1.03246	0.862139	0.975237	-1.02539	6.83382	2.25254	0.292992	1
cg03223580	BBS10	0.00984018	0.170645	0.786131	-1.27205	0.0373707	1.4895	1.4895	0.0207071	0.631678	-1.58309	0.0527703	1.43776	1.43776	0.0135464	0.604152	-1.65521	0.893155	0.978081	-1.02241	0.0144001	0.608072	-1.64454	0.80925	1.04069	1.04069	0.0289485	1.52911	1.52911	5.94114	2.5593	0.382912	1
cg01435230	BBS10	0.0128994	0.0148249	0.597693	-1.6731	0.0271595	1.56669	1.56669	0.13211	1.32185	1.32185	0.398153	0.861977	-1.16012	0.285574	0.826609	-1.20976	0.560317	1.10639	1.10639	0.90822	0.980395	-1.02	0.269445	1.21829	1.21829	0.00149537	2.19467	2.19467	5.44394	2.54153	0.414982	1
cg21360685	BBS10	0.0273845	0.196266	0.851428	-1.1745	0.00543834	1.53804	1.53804	0.440349	0.911536	-1.09705	0.111572	0.815469	-1.22629	0.109972	1.22761	1.22761	0.880137	1.01792	1.01792	0.0514017	1.29831	1.29831	0.0508257	0.769598	-1.29938	0.42573	1.10047	1.10047	4.22066	0.926154	0.195052	1
cg12927785	BBS12	0.00155789	0.193057	0.633493	-1.57855	0.507399	0.800202	-1.24968	0.000358519	0.149904	-6.67096	0.0188858	0.389682	-2.5662	5.99E-05	0.0855313	-11.6916	0.893778	0.956691	-1.04527	0.654206	0.861204	-1.16117	0.765645	0.90568	-1.10414	0.0441569	0.464724	-2.15182	10.3659	18.0322	1.54629	1
cg10495464	BBS12;LOC729338	2.02E-05	0.127961	0.641858	-1.55798	7.92E-05	6.834	6.834	0.0569706	1.78667	1.78667	0.199201	1.44122	1.44122	0.219258	0.706036	-1.41636	5.79E-07	0.0243203	-41.1178	0.571446	0.857199	-1.16659	0.0591375	1.77554	1.77554	0.367826	1.28304	1.28304	33.7758	38.8319	1.02195	1
cg05619320	BBS12;LOC729338	0.025291	0.263164	1.60183	1.60183	0.0711626	2.25709	2.25709	0.00704099	4.08373	4.08373	0.458302	1.35665	1.35665	0.00600774	0.234573	-4.26306	0.27765	0.633826	-1.57772	0.492355	0.754553	-1.32529	0.805842	0.905324	-1.10458	0.607815	0.811342	-1.23253	4.33972	11.2118	2.29648	1
cg07280206	BBS2	0.0118582	0.699689	1.11712	1.11712	0.000639779	4.47147	4.47147	0.109632	1.64602	1.64602	0.0082113	2.62798	2.62798	0.727791	1.105	1.105	0.435427	1.25529	1.25529	0.229817	0.697671	-1.43334	0.797579	1.0762	1.0762	0.0159064	2.32491	2.32491	5.59503	7.23437	1.14933	1
cg00876127	BBS2	0.0135031	0.990546	1.00289	1.00289	0.000393649	3.94782	3.94782	0.250693	1.33898	1.33898	0.0253645	1.90864	1.90864	0.350128	0.791441	-1.26352	0.907491	1.02867	1.02867	0.250886	0.746935	-1.3388	0.65105	0.895173	-1.1171	0.218071	1.3704	1.3704	5.36312	5.02407	0.832694	1
cg09144098	BBS2	0.0196514	0.319087	0.671279	-1.48969	0.842953	0.926092	-1.07981	0.00784384	0.266953	-3.74598	0.0384649	0.395259	-2.52999	0.00162109	0.173994	-5.74733	0.0279335	0.365897	-2.73301	0.0468406	0.414434	-2.41293	0.931702	1.03374	1.03374	0.0812588	0.473253	-2.11304	4.73273	11.2309	2.10935	1
cg09156115	BBS2;BBS2	0.0182525	0.0200569	0.649227	-1.54029	0.04401	0.70024	-1.42808	0.0771255	0.738888	-1.35339	0.0976403	0.755915	-1.3229	0.0225284	0.656593	-1.52301	0.00213509	0.514628	-1.94315	0.913303	1.01691	1.01691	0.624352	1.07895	1.07895	0.262723	1.19697	1.19697	4.85232	1.82187	0.333745	1
cg25996835	BBS4;HIGD2B	0.00725141	0.0454303	2.12276	2.12276	0.000325595	6.72459	6.72459	0.179859	0.626711	-1.59563	0.00948893	2.9391	2.9391	0.198084	0.640036	-1.56241	0.440359	1.29451	1.29451	0.60484	0.84262	-1.18677	0.661456	1.15552	1.15552	0.391127	1.33408	1.33408	6.54265	11.1509	1.51496	1
cg03133777	BBS5	0.00033013	0.562773	1.09249	1.09249	0.000760467	0.462374	-2.16275	0.000545134	0.443846	-2.25303	0.016386	0.641767	-1.5582	0.28468	1.18295	1.18295	0.0300376	1.47081	1.47081	9.12E-05	2.87776	2.87776	0.771168	1.04508	1.04508	0.186584	0.809233	-1.23574	16.0243	5.80041	0.321756	1
cg14386850	BBS5	0.000701034	0.00584658	0.691678	-1.44576	0.158311	0.857209	-1.16658	0.578747	1.05897	1.05897	0.000543367	0.577428	-1.73182	0.000260723	0.541478	-1.8468	0.00433763	0.677433	-1.47616	0.304812	1.11467	1.11467	0.550955	1.06357	1.06357	0.00496567	1.46223	1.46223	13.0056	2.14972	0.146926	1
cg16118366	BBS5	0.00211852	0.000794519	0.531275	-1.88226	0.184967	0.839062	-1.19181	0.000639032	0.519781	-1.92389	0.619282	1.06451	1.06451	0.00415135	0.619044	-1.6154	0.0391765	0.742397	-1.34699	0.416046	0.901451	-1.10932	0.60252	0.936526	-1.06778	0.000643408	0.52014	-1.92256	9.48132	2.33921	0.219304	1
cg11947548	BBS5	0.00393718	0.37672	1.36507	1.36507	0.196687	1.59729	1.59729	0.0365122	0.434393	-2.30206	0.143559	0.583214	-1.71464	0.000464574	0.151224	-6.6127	0.326919	0.706651	-1.41513	0.0025313	4.21199	4.21199	0.292257	0.687372	-1.45482	0.709433	1.13702	1.13702	7.89003	14.7081	1.65701	1
cg17792658	BBS5	0.0227718	0.0183843	0.487742	-2.05026	0.0988008	0.634918	-1.57501	0.482928	0.836137	-1.19598	0.816168	0.943229	-1.06019	0.0635696	0.592438	-1.68794	0.258093	0.743658	-1.3447	0.000576205	0.262623	-3.80774	0.760143	0.926027	-1.07988	0.839127	0.950263	-1.05234	4.50029	4.4896	0.886778	1
cg04064028	BBS5	0.0413342	0.0212562	0.3503	-2.8547	0.373138	1.41392	1.41392	0.868327	0.939077	-1.06488	0.636591	0.835021	-1.19757	0.0381124	0.402278	-2.48584	0.132162	0.540322	-1.85075	0.00718247	0.268549	-3.72372	0.0257369	0.366625	-2.72758	0.117985	0.525672	-1.90233	3.6388	8.27103	2.02045	1
cg10536369	BBS5	0.0452042	0.0286454	0.720758	-1.38743	0.00434018	1.62169	1.62169	0.383587	1.11999	1.11999	0.901892	0.98448	-1.01577	0.809382	0.969812	-1.03113	0.677438	0.948326	-1.05449	0.367295	0.88917	-1.12464	0.564623	0.928805	-1.07665	0.0895044	1.26802	1.26802	3.51955	0.896767	0.226485	1
cg12632753	BBS7;BBS7	0.00336351	0.120495	2.95127	2.95127	0.837435	0.87632	-1.14114	?	?	?	0.424703	0.592205	-1.6886	0.0909953	0.302274	-3.30825	0.000473119	0.0293489	-34.0729	0.197606	2.39934	2.39934	0.019938	6.08206	6.08206	0.0106572	7.87163	7.87163	8.45449	49.1526	5.81379	1
cg12867987	BBS7;BBS7	0.00336645	0.452593	0.830609	-1.20394	0.635341	1.12285	1.12285	0.53118	0.857398	-1.16632	0.52674	1.16832	1.16832	0.0129592	0.473294	-2.11285	0.208018	0.724715	-1.37985	5.54E-05	0.162128	-6.16798	0.040265	0.562857	-1.77665	0.961662	0.988409	-1.01173	8.26943	7.7049	0.828207	1
cg07263178	BBS7;BBS7	0.00660626	0.439229	1.1116	1.1116	0.489774	0.910201	-1.09866	0.0092492	1.55737	1.55737	0.119825	1.25399	1.25399	0.00129234	0.533237	-1.87534	0.00550115	1.63142	1.63142	0.401148	1.12215	1.12215	0.247857	1.17588	1.17588	0.180078	1.21036	1.21036	6.73538	1.91856	0.253198	1
cg05318777	BBS7;BBS7	0.0120778	0.0840845	1.40967	1.40967	0.00169933	0.446966	-2.23731	0.118976	1.35525	1.35525	0.201001	1.27457	1.27457	0.133592	1.33732	1.33732	0.97466	0.99431	-1.00572	0.0320807	0.636942	-1.57	0.437884	0.867486	-1.15276	0.0629313	1.45622	1.45622	5.56182	2.84272	0.454323	1
cg19858931	BBS7;BBS7	0.0167975	0.000411197	0.212796	-4.69935	0.468059	1.22592	1.22592	0.358544	1.29753	1.29753	0.973712	1.00913	1.00913	0.396769	0.787103	-1.27048	0.325204	0.755582	-1.32348	0.108103	0.616535	-1.62197	0.808649	0.935257	-1.06922	0.154689	1.52232	1.52232	4.98943	6.01438	1.07149	1
cg19564630	BBS7;BBS7	0.0239002	0.646076	0.832581	-1.20108	0.0323285	2.69954	2.69954	0.06212	2.29843	2.29843	0.831757	1.08796	1.08796	0.00233338	0.185612	-5.38759	0.0745457	2.19726	2.19726	0.594962	0.808454	-1.23693	0.49865	0.761717	-1.31282	0.993105	1.00343	1.00343	4.42578	11.0062	2.21052	1
cg03990551	BBS7;BBS7;BBS7;BBS7	0.00313039	0.57741	1.04706	1.04706	0.0603445	1.18892	1.18892	0.0833525	1.16952	1.16952	0.244475	1.10459	1.10459	0.0129668	1.28649	1.28649	0.403039	1.07241	1.07241	0.000130503	0.581188	-1.72061	0.572009	0.954421	-1.04776	0.748807	1.02659	1.02659	8.45061	0.893236	0.0939563	1
cg02271603	BBS9;BBS9;BBS9;BBS9	0.000573523	0.0156383	0.420588	-2.37762	0.20574	0.676979	-1.47715	0.154576	0.64063	-1.56096	5.20E-05	0.10955	-9.12825	0.000106708	0.13558	-7.37575	0.00838054	0.37369	-2.67602	0.00450686	0.330753	-3.0234	0.637529	1.14877	1.14877	0.00470455	0.333615	-2.99747	13.7558	18.6073	1.20239	1
cg13868773	BBS9;BBS9;BBS9;BBS9	0.00204712	0.00718691	0.339324	-2.94703	0.000644316	0.195761	-5.10828	0.00274393	0.275972	-3.62355	0.00497169	0.314051	-3.18419	0.00223238	0.263488	-3.79524	0.00692685	0.336736	-2.96968	0.00125865	0.2307	-4.33464	0.0263043	0.440113	-2.27214	0.00972954	0.361124	-2.76913	9.57667	14.7143	1.36576	1
cg16405235	BBS9;BBS9;BBS9;BBS9	0.00447561	0.000387637	0.481373	-2.07739	0.371884	1.12574	1.12574	0.995565	1.00072	1.00072	0.546188	1.0821	1.0821	0.00906635	0.651528	-1.53485	0.512362	0.917739	-1.08963	0.00573852	1.59647	1.59647	0.847188	1.02524	1.02524	0.443055	1.10631	1.10631	7.59023	2.00631	0.234958	1
cg02448207	BBS9;BBS9;BBS9;BBS9	0.00575791	0.0887993	0.784986	-1.27391	0.361227	0.885993	-1.12868	0.0259169	0.711035	-1.4064	0.767368	0.962464	-1.039	0.00200767	0.569928	-1.75461	0.22484	0.848385	-1.17871	0.0227845	1.42115	1.42115	0.274678	0.863656	-1.15787	0.000889595	0.52624	-1.90027	7.02783	1.85135	0.234161	1
cg27547265	BBS9;BBS9;BBS9;BBS9	0.0179976	0.250676	1.39952	1.39952	0.00999534	0.402199	-2.48633	0.0284714	0.484798	-2.06271	0.23553	0.706003	-1.41642	0.0900372	0.592607	-1.68746	0.68304	0.891397	-1.12183	0.00507585	0.354393	-2.82173	0.147808	1.54471	1.54471	0.0337868	0.499516	-2.00194	4.87535	6.05518	1.104	1
cg00587790	BBS9;BBS9;BBS9;BBS9	0.0253277	0.0774918	1.82429	1.82429	0.125875	0.602073	-1.66093	0.0423725	0.488601	-2.04666	0.178545	1.54939	1.54939	0.0488802	0.502063	-1.99178	0.0314156	2.16678	2.16678	0.921117	0.970111	-1.03081	0.0242351	2.27728	2.27728	0.382984	1.31531	1.31531	4.33753	6.44737	1.32126	1
cg24781702	BBS9;BBS9;BBS9;BBS9	0.0309613	0.0529696	0.633185	-1.57932	0.00626229	0.477019	-2.09635	0.0900246	0.678231	-1.47442	0.0729797	0.659967	-1.51523	0.197932	1.3268	1.3268	0.193436	0.751297	-1.33103	0.0451584	1.61216	1.61216	0.670483	0.914904	-1.09301	0.867283	0.965843	-1.03537	4.04123	2.76364	0.607878	1
cg09080746	BBS9;BBS9;BBS9;BBS9;BBS9;BBS9;BBS9;BBS9	0.0099877	0.00384937	0.571989	-1.74828	0.0895784	1.30793	1.30793	0.0709348	1.3356	1.3356	0.689708	1.05925	1.05925	0.00985288	0.626351	-1.59655	0.0191508	0.665915	-1.50169	0.226661	1.1997	1.1997	0.53022	1.09549	1.09549	0.210814	1.20817	1.20817	5.91295	1.92652	0.289612	1
cg19323285	BBS9;BBS9;BBS9;BBS9;BBS9;BBS9;BBS9;BBS9	0.0293539	0.0765735	0.462817	-2.16068	0.946038	0.973874	-1.02683	0.206544	1.6838	1.6838	0.63732	1.2041	1.2041	0.00532714	0.237895	-4.20354	0.00647446	0.250468	-3.99253	0.45292	1.34857	1.34857	0.137561	0.535018	-1.86909	0.297923	0.655727	-1.52502	4.11851	9.97752	2.15343	1
cg03792947	BBX;BBX	0.000121467	0.00906039	1.38531	1.38531	0.288784	1.11428	1.11428	0.227595	0.882972	-1.13254	0.300128	1.11128	1.11128	0.505097	0.935704	-1.06871	0.292241	1.11336	1.11336	1.87E-06	0.312396	-3.20106	0.0326948	0.782252	-1.27836	0.0562152	0.808577	-1.23674	21.0164	3.21405	0.135938	1
cg23518214	BBX;BBX	0.002356	0.0536543	1.43059	1.43059	8.25E-05	0.313808	-3.18667	0.0495703	0.693417	-1.44213	0.920904	0.9839	-1.01636	0.65323	0.92876	-1.0767	0.55307	0.906596	-1.10303	0.00977946	1.70547	1.70547	0.942321	0.988245	-1.01189	0.542197	0.904093	-1.10608	9.19091	3.8873	0.375956	1
cg09411788	BBX;BBX	0.00367998	0.631575	1.08198	1.08198	0.000297577	2.61241	2.61241	0.244183	0.81979	-1.21982	0.451411	0.88238	-1.1333	0.331144	1.17766	1.17766	0.42221	1.14306	1.14306	0.00279849	0.510775	-1.95781	0.646581	0.927472	-1.0782	0.0312034	1.51033	1.51033	8.0519	3.39183	0.374441	1
cg07226297	BBX;BBX	0.00523451	0.00392384	0.611466	-1.63542	0.0291661	0.721992	-1.38506	0.0370264	0.735729	-1.3592	0.0207096	0.702592	-1.4233	0.0015049	0.560133	-1.78529	0.0782728	0.78044	-1.28133	0.0263091	1.39642	1.39642	0.833819	1.02698	1.02698	0.0438633	0.745613	-1.34118	7.23649	1.84062	0.226092	1
cg18057559	BBX;BBX	0.00999933	0.1698	0.776639	-1.2876	0.241491	0.809018	-1.23607	0.000937977	0.426011	-2.34736	0.0754819	0.710304	-1.40785	0.658975	0.926099	-1.0798	0.27535	0.821874	-1.21673	0.00190391	0.467512	-2.13898	0.727171	1.06242	1.06242	0.143911	1.31181	1.31181	5.91075	2.79725	0.420665	1
cg14223053	BBX;BBX	0.012401	?	?	?	?	?	?	0.519495	1.36175	1.36175	0.354541	0.634567	-1.57588	0.667172	0.815818	-1.22576	0.00454868	0.113431	-8.81596	?	?	?	0.00322551	0.0946375	-10.5666	?	?	?	9.94088	17.6322	1.77371	1
cg00381033	BBX;BBX	0.0203193	0.00318643	0.210392	-4.75303	0.0199017	0.336957	-2.96774	0.0112975	0.292869	-3.41449	0.33058	0.678017	-1.47489	0.461573	0.748185	-1.33657	0.302153	0.661175	-1.51246	0.0407291	0.400764	-2.49523	0.0980333	2.0187	2.0187	0.183869	0.579448	-1.72578	4.67929	11.1023	2.10903	1
cg11160673	BBX;BBX	0.0205912	0.735568	0.90013	-1.11095	0.00729562	0.34165	-2.92697	0.0048574	0.313756	-3.18719	0.788725	0.920014	-1.08694	0.489775	0.80431	-1.2433	0.137874	1.64202	1.64202	0.0360553	2.13146	2.13146	0.372834	1.32841	1.32841	0.47278	0.797186	-1.25441	4.65816	7.10787	1.35635	1
cg20234365	BBX;BBX	0.0229523	0.0146098	0.292663	-3.4169	0.457456	1.36232	1.36232	0.295341	0.641826	-1.55806	0.693743	0.850683	-1.17553	0.00126769	0.146339	-6.83346	0.841604	0.921494	-1.08519	0.0502181	0.40165	-2.48973	0.431572	1.38819	1.38819	0.10086	0.479864	-2.08393	4.48807	11.868	2.35054	1
cg22605943	BBX;BBX	0.028113	0.0311923	0.641699	-1.55836	0.00630391	1.86679	1.86679	0.0104497	1.76047	1.76047	0.887531	0.975477	-1.02514	0.827281	0.962386	-1.03908	0.461394	0.876724	-1.14061	0.248866	0.809387	-1.2355	0.485689	1.13235	1.13235	0.755381	0.946642	-1.05637	4.18184	2.03892	0.43339	1
cg01135961	BBX;BBX	0.0303707	0.162123	0.797917	-1.25326	0.530725	0.908423	-1.10081	0.0616393	0.727331	-1.37489	0.286263	0.845788	-1.18233	0.00500545	0.570241	-1.75365	0.468363	0.894412	-1.11805	0.0732603	1.3527	1.3527	0.908337	0.982731	-1.01757	0.00825474	0.599946	-1.66682	4.06903	1.47413	0.322026	1
cg17700443	BBX;BBX	0.0322105	0.677372	0.920692	-1.08614	0.00620626	0.494266	-2.0232	0.00642524	0.496545	-2.01392	0.140483	0.73114	-1.36773	0.0430453	0.631429	-1.58371	0.987729	1.00304	1.00304	0.14069	1.36747	1.36747	0.406792	0.845697	-1.18246	0.221318	0.775774	-1.28904	3.98451	2.46127	0.549075	1
cg13475915	BBX;BBX	0.0385471	0.0401874	1.52788	1.52788	0.0194397	1.65725	1.65725	0.337353	1.19345	1.19345	0.095601	1.38725	1.38725	0.582576	0.905517	-1.10434	0.539729	1.1174	1.1174	0.00836197	1.82664	1.82664	0.00852765	1.82242	1.82242	0.279511	1.22265	1.22265	3.73355	1.89034	0.450055	1
cg05670193	BCAM	0.00282207	0.00546232	0.375126	-2.66577	0.00702554	0.392559	-2.54739	0.00138247	0.288162	-3.47027	0.011225	0.426398	-2.34523	0.0167048	0.456643	-2.18989	0.051529	0.551753	-1.8124	0.000502151	0.232274	-4.30527	0.111256	0.627846	-1.59275	0.0021646	0.315084	-3.17376	8.71469	9.93561	1.01342	1
cg17921863	BCAM;BCAM	5.73E-07	?	?	?	0.0101185	1.55359	1.55359	0.000699074	0.495575	-2.01786	4.33E-05	2.86946	2.86946	1.35E-08	0.0483687	-20.6745	0.668852	1.06017	1.06017	0.0827706	1.29807	1.29807	0.892963	0.981885	-1.01845	0.104631	0.785954	-1.27234	86.7848	22.528	0.259585	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg22640961	BCAM;BCAM	0.00736187	0.127104	0.506963	-1.97253	0.0566851	2.43058	2.43058	0.941775	0.970373
cg02255098	BCAM;BCAM	0.00935482	0.0239068	0.379533	-2.63481	0.552512	0.805716	-1.24113	0.0113742	0.320136
cg22895231	BCAM;BCAM	0.0107646	0.0184975	0.289569	-3.45341	0.00233023	6.32313	6.32313	0.148004	1.96065
cg12249345	BCAM;BCAM	0.011913	0.749209	1.12239	1.12239	0.025945	2.59001	2.59001	0.233247	1.5682
cg06522456	BCAM;BCAM	0.042787	0.0227448	0.412543	-2.42399	0.111391	0.569397	-1.75624	0.139145	0.596321
cg05888917	BCAN	0.000193829	0.0064401	0.584409	-1.71113	0.317991	1.16264	1.16264	0.63231	0.932295
cg23657274	BCAN	0.00254058	0.134182	2.36799	2.36799	0.00043382	19.4795	19.4795	0.0118338	5.35103
cg08465120	BCAN	0.00316761	0.0237085	2.42595	2.42595	0.00346815	3.6775	3.6775	0.249402	1.48454
cg25773262	BCAN;BCAN	0.00103993	0.231766	1.36803	1.36803	0.000844958	3.50413	3.50413	0.394622	1.2434
cg10389771	BCAN;BCAN	0.00525584	0.210455	1.41803	1.41803	0.0099532	2.36687	2.36687	0.108154	1.59028
cg14423692	BCAN;BCAN	0.0056003	0.358552	0.793767	-1.25982	0.000179322	0.211818	-4.72104	0.00152631	0.327506
cg09182138	BCAN;BCAN	0.0160336	0.00984948	0.238819	-4.18728	0.00183154	0.143203	-6.9831	0.241454	0.583754
cg19321979	BCAN;BCAN	0.0222551	0.0291685	0.150985	-6.62318	0.00168491	0.0368178	-27.1608	0.0290156	0.150621
cg22439792	BCAN;BCAN	0.0232536	0.0303792	0.174881	-5.71818	0.00208782	0.0514436	-19.4388	0.0769788	0.259922
cg16269733	BCAN;BCAN	0.028369	0.157157	1.91494	1.91494	0.0162254	3.53435	3.53435	0.137732	1.98652
cg03265671	BCAN;BCAN	0.0298251	0.663338	1.21213	1.21213	0.217503	1.76798	1.76798	0.0956955	2.23403
cg00502190	BCAN;BCAN	0.0397793	0.363629	1.46428	1.46428	0.335421	1.50043	1.50043	0.100558	2.08502
cg02609880	BCAN;BCAN	0.04918	0.0444002	0.255256	-3.91763	0.00266927	0.0857513	-11.6616	0.0521873	0.270862
cg03479278	BCAP29;BCAP29	1.02E-05	0.137193	0.888441	-1.12557	0.0188059	1.23405	1.23405	0.120114	0.882867
cg16220402	BCAP29;BCAP29;BCAP29	0.00108223	0.00921739	0.694723	-1.43942	0.125881	0.833189	-1.20021	0.0274811	1.33288
cg10328766	BCAP29;BCAP29;BCAP29	0.00157235	0.00444141	0.450287	-2.2208	0.144915	1.38969	1.38969	0.195167	0.749755
cg00776808	BCAP29;BCAP29;BCAP29	0.0023658	0.0699419	0.789955	-1.2659	0.158594	1.19166	1.19166	0.00546499	1.52986

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)
cg24770856	BCCIP;UROS;BCCIP;BCCIP	0.00740628	0.000106607	0.0915553	-10.9224	0.672091	0.861695	-1.1605	0.979923	0.991241	-1.00884	0.894233	0.954559	-1.0476	0.540004	0.805004	-1.24223	0.197261
cg27445265	BCCIP;UROS;BCCIP;BCCIP	0.0295554	0.0225117	0.666292	-1.50084	0.217429	1.21264	1.21264	0.117368	0.776695	-1.28751	0.701789	1.05883	1.05883	0.0363294	1.43557	1.43557	0.0839449
cg03379649	BCDIN3D	0.000189072	0.000147068	0.318402	-3.14068	0.000421616	0.375532	-2.66289	0.337646	1.18917	1.18917	0.398499	1.16359	1.16359	0.0163054	0.597633	-1.67327	0.00103405
cg00961166	BCDIN3D	0.000200217	0.311317	1.11414	1.11414	0.0015688	1.59787	1.59787	0.326243	1.11025	1.11025	0.887409	0.985489	-1.01472	0.0986848	1.20542	1.20542	0.0416711
cg21564660	BCDIN3D	0.000459047	0.494555	0.892298	-1.1207	0.029987	1.52109	1.52109	0.546517	1.10545	1.10545	0.0529543	1.43524	1.43524	0.010195	0.587306	-1.70269	0.0367085
cg15107202	BCDIN3D	0.00162752	0.366279	0.702123	-1.42425	0.00802017	0.274079	-3.64858	0.362702	0.700165	-1.42824	0.0445554	2.40812	2.40812	6.80E-05	0.0622254	-16.0706	0.310609
cg12506121	BCDIN3D	0.00264113	0.00186357	0.267123	-3.74359	0.0177675	2.36772	2.36772	0.307983	1.37102	1.37102	0.695221	1.12495	1.12495	0.00179864	0.265039	-3.77303	0.492692
cg06957321	BCDIN3D	0.0143393	0.0262981	0.661687	-1.51129	0.493843	1.11504	1.11504	0.150686	0.785541	-1.27301	0.0657431	0.723536	-1.3821	0.0105288	0.603873	-1.65598	0.88406
cg21658670	BCKDHA;BCKDHA	0.00102686	0.0575453	0.812455	-1.23084	0.00857417	1.38299	1.38299	0.369262	0.914689	-1.09327	0.0366346	0.790712	-1.26468	0.193064	0.875291	-1.14248	0.0001553
cg23083936	BCKDHA;BCKDHA	0.0249075	0.0191457	0.450664	-2.21895	0.395753	0.783086	-1.277	0.00202109	0.293969	-3.40172	0.0847455	0.585097	-1.70912	0.0217459	0.46097	-2.16934	0.4331
cg01655341	BCKDHA;BCKDHA;BCKDHA;BCKDHA;EXOSC5	0.00388453	7.70E-05	0.211117	-4.73671	0.424897	1.19359	1.19359	0.865035	1.03763	1.03763	0.793113	1.05874	1.05874	0.27433	1.28019	1.28019	?
cg14530560	BCKDHA;BCKDHA;EXOSC5	0.00292577	0.0958775	0.715845	-1.39695	0.14153	1.33503	1.33503	0.646632	1.08803	1.08803	0.0800469	0.70118	-1.42617	0.962996	1.00852	1.00852	0.00153795
cg12044693	BCKDHB;BCKDHB	0.000142368	0.00019361	0.220348	-4.53827	0.0146678	0.484619	-2.06348	0.000147849	0.20742	-4.82113	0.00111187	0.314042	-3.18429	0.290114	0.767429	-1.30305	0.00453033
cg03354616	BCKDHB;BCKDHB	0.000457999	0.00051727	0.124485	-8.0331	0.182968	0.580663	-1.72217	0.00390472	0.224372	-4.45689	0.0130114	0.305628	-3.27195	0.00129721	0.164883	-6.06489	0.0578922
cg10421214	BCKDHB;BCKDHB	0.000868031	0.409083	0.84022	-1.19016	6.59E-05	0.221014	-4.52459	0.000307546	0.298746	-3.34732	0.0048007	0.462236	-2.1634	0.230836	0.771684	-1.29587	0.401924
cg19242448	BCKDHB;BCKDHB	0.00168526	0.841451	0.974752	-1.0259	0.563366	0.928123	-1.07744	5.03E-05	2.63958	2.63958	0.440809	1.10557	1.10557	0.296995	0.871054	-1.14803	0.275468
cg16253997	BCKDHB;BCKDHB	0.0206723	0.931153	1.01151	1.01151	0.963618	1.00606	1.00606	0.919956	1.0134	1.0134	0.89782	1.01716	1.01716	0.727672	1.04739	1.04739	0.701429
cg25637836	BCKDHB;BCKDHB	0.0317062	0.0514518	1.91369	1.91369	0.046355	1.95032	1.95032	0.0955389	1.70915	1.70915	0.0200181	2.27411	2.27411	0.014703	2.40855	2.40855	0.1308
cg24244747	BCKDHB;BCKDHB	0.0480309	0.1008	0.677949	-1.47504	0.160162	0.72288	-1.38336	0.00429745	0.437889	-2.28368	0.630408	0.900467	-1.11054	0.564372	1.13429	1.13429	0.82074
cg11654737	BCKDHB;BCKDHB	0.0484504	0.126132	1.39335	1.39335	0.0302692	1.66624	1.66624	0.0184852	1.77306	1.77306	0.232116	1.28555	1.28555	0.176247	0.749613	-1.33402	0.0721746
cg01038597	BCKDK;BCKDK	0.00389612	0.0506164	0.465586	-2.14783	0.140516	1.72312	1.72312	0.558159	0.816081	-1.22537	0.261574	1.49451	1.49451	0.00604489	0.292094	-3.42355	0.00118943
cg02368606	BCKDK;BCKDK	0.00696087	0.0287555	0.444389	-2.25028	0.00828592	2.89064	2.89064	0.934738	0.974576	-1.02609	0.038136	2.12916	2.12916	0.00185106	4.01345	4.01345	0.359006
cg01016533	BCKDK;BCKDK	0.00825873	0.00500242	0.253846	-3.9394	0.00698877	0.275895	-3.62457	0.0271882	0.380983	-2.62479	0.112187	0.528129	-1.89348	0.221404	0.622228	-1.60713	0.0225246
cg08328483	BCKDK;BCKDK	0.0091771	0.0351436	0.430605	-2.32232	0.00477599	0.276354	-3.61855	0.0987891	0.537179	-1.86158	0.207838	0.633844	-1.57767	0.199799	0.628112	-1.59207	0.0148773
cg06512974	BCKDK;BCKDK	0.0256715	0.0540694	0.361848	-2.76359	0.319744	1.61288	1.61288	0.00767928	4.9174	4.9174	0.0225654	0.280886	-3.56016	0.141044	0.479027	-2.08756	0.340492
cg05667756	BCKDK;BCKDK	0.0444915	0.272402	0.82841	-1.20713	0.27476	1.20593	1.20593	0.00394615	0.52784	-1.89451	0.13673	0.767848	-1.30234	0.0100144	0.585231	-1.70873	0.368889
cg16140502	BCL10	0.00249099	0.561739	0.927242	-1.07847	0.461355	1.10137	1.10137	0.226026	1.17785	1.17785	0.238422	0.853006	-1.17233	9.21E-05	0.406995	-2.45703	0.671834
cg23665568	BCL10	0.0122337	0.451261	0.76284	-1.31089	0.831491	0.927598	-1.07805	0.0087181	0.307664	-3.2503	0.258072	0.65953	-1.51623	0.00158394	0.201998	-4.95054	0.405273
cg17322118	BCL10	0.0261117	0.89288	0.961584	-1.03995	0.580072	1.17643	1.17643	0.352628	0.757225	-1.32061	0.69031	0.89008	-1.12349	0.0180525	0.433831	-2.30505	0.00845071
cg01636910	BCL10	0.0311784	0.0742644	0.492823	-2.02913	0.970407	1.01329	1.01329	0.294199	0.679047	-1.47265	0.0226658	0.378824	-2.63975	0.00179347	0.205868	-4.85748	0.160556
cg02862864	BCL10	0.0320394	0.0324666	1.92462	1.92462	0.275174	0.743114	-1.34569	0.0643085	0.580638	-1.72224	0.0339196	1.91094	1.91094	0.755689	1.08505	1.08505	0.00998622
cg06913958	BCL10	0.0363367	0.012842	0.153787	-6.50251	0.0162123	0.16835	-5.94	0.0619335	0.279807	-3.5739	0.0795057	0.307491	-3.25213	0.0202961	0.183534	-5.44857	0.223769
cg05475904	BCL10;BCL10	0.000450962	0.786426	1.04985	1.04985	0.0125492	1.74386	1.74386	0.0283531	1.58971	1.58971	0.034692	1.55427	1.55427	1.78E-05	0.207884	-4.81037	0.0362515
cg16377367	BCL10;BCL10	0.0176654	0.247792	1.38515	1.38515	0.197822	0.692789	-1.44344	0.0120787	0.430055	-2.32528	0.371037	0.780615	-1.28104	0.0108805	0.422274	-2.36813	0.4757
cg11057260	BCL11A;BCL11A	0.0101104	0.238791	1.39365	1.39365	0.0390893	0.526003	-1.90113	0.529039	0.842342	-1.18717	0.959425	0.986406	-1.01378	0.00316777	0.338035	-2.95828	0.00264264
cg15241316	BCL11A;BCL11A	0.0228034	0.0465509	2.57866	2.57866	0.00194854	6.17687	6.17687	0.0366044	2.74379	2.74379	0.0548097	2.47225	2.47225	0.209537	1.7326	1.7326	0.0308354
cg12685731	BCL11A;BCL11A;BCL11A	0.000377298	0.0317208	0.710069	-1.40831	3.54E-05	2.96085	2.96085	0.367342	1.13419	1.13419	0.643561	1.06541	1.06541	0.481096	0.907211	-1.10228	0.0448249
cg26188299	BCL11A;BCL11A;BCL11A	0.00155497	0.272639	0.835714	-1.19658	0.389996	0.870699	-1.1485	0.0767068	0.733844	-1.36269	0.0727413	1.3698	1.3698	0.0276192	0.664063	-1.50588	0.451359
cg01600529	BCL11A;BCL11A;BCL11A	0.00164207	0.624513	1.03575	1.03575	0.358857	0.935022	-1.06949	0.00735445	0.781914	-1.27891	0.0504532	1.17206	1.17206	0.0342888	1.19227	1.19227	0.000805106
cg03598080	BCL11A;BCL11A;BCL11A	0.00218599	0.963903	0.991044	-1.00904	0.03395	1.63577	1.63577	0.00774114	1.97378	1.97378	0.655256	1.09344	1.09344	0.662776	0.916473	-1.09114	0.361553
cg23678058	BCL11A;BCL11A;BCL11A	0.00326505	0.221708	0.729042	-1.37166	0.00931872	0.444172	-2.25138	0.157327	0.6893	-1.45075	0.21553	0.725616	-1.37814	9.61E-05	0.181304	-5.51558	0.135973
cg03606511	BCL11A;BCL11A;BCL11A	0.00569037	0.0432448	0.577632	-1.73121	0.0236965	0.528664	-1.89156	0.0188954	0.511142	-1.9564	0.11015	1.50829	1.50829	0.00030031	0.249603	-4.00636	0.94875
cg26386740	BCL11A;BCL11A;BCL11A	0.0068304	0.734823	0.956753	-1.0452	0.904476	1.01573	1.01573	8.53E-05	2.50415	2.50415	0.685729	0.948472	-1.05433	0.598139	1.07162	1.07162	0.270646
cg00732907	BCL11A;BCL11A;BCL11A	0.00722936	0.382157	0.936728	-1.06755	0.0203003	0.815427	-1.22635	0.119015	1.13132	1.13132	0.300283	0.924708	-1.08142	0.045409	1.18217	1.18217	0.169821
cg01865786	BCL11A;BCL11A;BCL11A	0.0105146	0.0101775	0.435739	-2.29495	0.403605	1.24493	1.24493	0.260556	0.740222	-1.35095	0.869934	0.958863	-1.0429	0.00359279	0.363952	-2.74761	0.604263
cg24361098	BCL11A;BCL11A;BCL11A	0.0114711	0.00848625	0.270638	-3.69498	0.0163233	0.31912	-3.13362	0.0406531	0.398748	-2.50785	0.221323	0.606476	-1.64887	0.0323731	0.377362	-2.64998	0.00795637
ch.2.1382002F	BCL11A;BCL11A;BCL11A	0.0120749	0.200957	0.764201	-1.30856	0.135554	0.725935	-1.37753	0.355408	0.827554	-1.20838	0.141613	0.730019	-1.36983	0.226474	1.2877	1.2877	0.666823
cg14986476	BCL11A;BCL11A;BCL11A	0.0137283	0.986087	1.00426	1.00426	0.421854	0.818778	-1.22133	0.549434	0.862778	-1.15905	0.000277105	0.234538	-4.2637	0.772437	0.931778	-1.07322	0.976458
cg16874579	BCL11A;BCL11A;BCL11A	0.0148463	0.19956	1.20544	1.20544	0.00107658	0.513911	-1.94586	0.0487059	0.733177	-1.36393	0.0892773	1.29474	1.29474	0.159927	1.22998	1.22998	0.0960638
cg27159979	BCL11A;BCL11A;BCL11A	0.0156102	0.00652815	4.08149	4.08149	0.933386	1.0324	1.0324	0.173165	1.74739	1.74739	0.676972	1.17342	1.17342	0.705373	1.156	1.156	0.00127389
cg08627352	BCL11A;BCL11A;BCL11A	0.0169707	0.0042058	0.0894996	-11.1732	0.363378	0.555365	-1.80062	0.603433	0.718955	-1.39091	0.289436	1.99831	1.99831	0.0587986	0.260852	-3.83359	0.23998
cg17935536	BCL11A;BCL11A;BCL11A	0.0207513	0.609728	0.92687	-1.0789	0.320522	0.859498	-1.16347	0.919198	1.01508	1.01508	0.0490968	0.717946	-1.39286	0.0212429	0.66465	-1.50455	0.0334713
cg16905255	BCL11A;BCL11A;BCL11A	0.0209861	0.0626733	0.827952	-1.2078	0.0021782	0.678707	-1.47339	0.776211	1.02602	1.02602	0.0178289	0.771366	-1.2964	0.0212772	0.779182	-1.2834	0.682363
cg26632873	BCL11A;BCL11A;BCL11A	0.0434899	0.283232	0.706511	-1.41541	0.0220757	2.35224	2.35224	0.298126	1.39944	1.39944	0.372487	0.751788	-1.33016	0.0147894	0.392752	-2.54613	0.32866
cg01616628	BCL11A;BCL11A;BCL11A	0.0460854	0.11089	0.439479	-2.27542	0.0100467	0.214821	-4.65503	0.179135	0.508902	-1.96501	0.0178767	0.256023	-3.9059	0.899958	1.06134	1.06134	0.227814
cg03754165	BCL11A;BCL11A;BCL11A;BCL11A;BCL11A;BCL11A	0.000412417	0.0424286	0.702565	-1.42336	0.0177583	1.54564	1.54564	0.000933518	2.10899	2.10899	0.0739153	0.740161	-1.35106	3.65E-05	0.300966	-3.32264	0.133636
cg15091323	BCL11A;BCL11A;BCL11A;BCL11A;BCL11A;BCL11A	0.000525756	0.178136	0.755061	-1.3244	0.922574	0.981091	-1.01927	0.215176	1.292	1.292	0.0002476	3.28114	3.28114	0.545182	0.886711	-1.12776	0.655466
cg22166290	BCL11A;BCL11A;BCL11A;BCL11A;BCL11A;BCL11A	0.0037091	0.227545	0.706149	-1.41613	0.555897	0.84907	-1.17776	0.175916	1.48476	1.48476	0.000432512	4.61283	4.61283	0.341639	1.30882	1.30882	0.896423
cg03874092	BCL11A;BCL11A;BCL11A;BCL11A;BCL11A;BCL11A	0.0282771	0.0925813	0.60527	-1.65215	0.0754142	1.71075	1.71075	0.224192	1.41391	1.41391	0.865158	1.04718	1.04718	0.0285345	0.496107	-2.01569	0.0634474
cg26998529	BCL11B;BCL11B	5.22E-06	5.60E-05	0.373583	-2.67678	2.21E-06	0.218069	-4.5857	1.36E-05	0.302369	-3.30722	8.06E-05	0.392396	-2.54845	1.60E-06	0.204107	-4.89939	5.70E-05
cg18599750	BCL11B;BCL11B	2.12E-05	0.687715	1.033	1.033	4.05E-06	0.423419	-2.36173	1.69E-06	0.381486	-2.62133	0.943742	1.00569	1.00569	0.229299	0.903617	-1.10666	0.282569
cg25061304	BCL11B;BCL11B	0.000490743	0.0298815	0.718789	-1.39123	3.27E-05	0.35238	-2.83785	0.00447174	0.612695	-1.63213	0.0723297	0.771713	-1.29582	0.00160345	0.557199	-1.79469	0.0461869
cg24168924	BCL11B;BCL11B	0.000494136	0.000203357	0.259366	-3.85555	0.827878	1.04831	1.04831	0.000283131	0.276592	-3.61544	0.590445	0.888947	-1.12493	0.000639854	0.321204	-3.11328	0.608995
cg23202887	BCL11B;BCL11B	0.000746303	0.969613	0.993913	-1.00612	0.00427237	1.84531	1.84531	0.250201	1.21238	1.21238	0.0905061	0.741612	-1.34841	4.08E-05	0.285204	-3.50626	0.118862
cg20478390	BCL11B;BCL11B	0.000802122	1.89E-05	0.0193903	-51.5723	0.00742415	0.209487	-4.77357	0.0393308	0.339362	-2.94671	0.103735	2.23999	2.23999	0.47798	0.721081	-1.38681	0.181612
cg05100282	BCL11B;BCL11B	0.000913309	0.0017566	0.299581	-3.33799	0.00133781	3.52759	3.52759	0.387746	1.27044	1.27044	0.20219	0.694832	-1.4392	0.000834793	0.256781	-3.89437	0.00385392
cg07440398	BCL11B;BCL11B	0.00126457	0.0429108	0.724304	-1.38064	0.0170673	1.49562	1.49562	0.00410372	1.70407	1.70407	0.280227	0.856086	-1.16811	0.096686	0.776902	-1.28716	8.52E-05
cg06317348	BCL11B;BCL11B	0.00133363	0.796233	0.969317	-1.03165	0.00108698	0.559537	-1.78719	0.0648709	1.28362	1.28362	0.727095	0.958683	-1.0431	0.000672238	1.87092	1.87092	0.0571363
cg01987941	BCL11B;BCL11B	0.00160662	0.0226178	0.423291	-2.36244	0.000616882	0.190112	-5.26005	0.606603	0.8491	-1.17772	0.509841	1.23436	1.23436	0.0794378	1.84622	1.84622	0.238827
cg07025989	BCL11B;BCL11B	0.00295989	0.220926	0.645814	-1.54843	0.518515	0.800591	-1.24908	0.00251253	0.240275	-4.1619	0.00325875	0.255877	-3.90812	0.35818	0.725381	-1.37859	0.507578
cg11877726	BCL11B;BCL11B	0.00400795	0.34929	0.886423	-1.12813	0.425779	1.10712	1.10712	0.416265	1.10956	1.10956	0.00245415	1.69423	1.69423	0.487288	1.09232	1.09232	0.0206026
cg26396443	BCL11B;BCL11B	0.00633128	0.00446899	0.109801	-9.10736	0.0015928	0.0713736	-14.0108	0.0190744	0.191453	-5.22321	0.105341	0.356672	-2.8037	0.0018266	0.0757349	-13.204	0.290994
cg21515844	BCL11B;BCL11B	0.00709627	0.143264	0.764591	-1.30789	0.00346512	1.96827	1.96827	0.00209126	0.477679	-2.09346	0.0925354	1.37148	1.37148	0.0356872	1.51762	1.51762	0.918351
cg16488974	BCL11B;BCL11B	0.00826549	0.0797162	0.722426	-1.38423	0.0468896	0.683622	-1.4628	0.972238	1.00584	1.00584	0.355751	0.85315	-1.17213	0.00405329	1.90635	1.90635	0.130116
cg19450111	BCL11B;BCL11B	0.00833223	0.000960446	0.0963399	-10.3799	0.0315421	0.301272	-3.31926	0.0326822	0.304462	-3.28448	0.0592929	0.363103	-2.75404	0.00300496	0.144288	-6.93059	0.140226
cg04712122	BCL11B;BCL11B	0.0109796	0.122583	0.531365	-1.88195	0.0202485	0.347146	-2.88063	0.523578	0.783256	-1.27672	0.00500376	4.06999	4.06999	0.965615	1.01642	1.01642	0.253323
cg13080172	BCL11B;BCL11B	0.0118429	0.125114	0.787905	-1.26919	0.477564	0.901502	-1.10926	0.038198	0.708248	-1.41193	0.783042	1.04043	1.04043	0.0363709	1.41813	1.41813	0.00315917
cg10509607	BCL11B;BCL11B	0.0146167	0.659658	0.890916	-1.12244	0.445755	1.22456	1.22456	0.00782801	2.43413	2.43413	0.00194253	3.13469	3.13469	0.0450293	1.82115	1.82115	0.747545
cg23457258	BCL11B;BCL11B	0.014833	0.139413	1.40402	1.40402	0.00481214	0.450196	-2.22125	0.0063741	0.468874	-2.13277	0.917888	1.02224	1.02224	0.651406	0.907525	-1.1019	0.592419
cg14233720	BCL11B;BCL11B	0.0150276	0.00369829	0.120485	-8.29977	0.00449433	0.129592	-7.71651	0.0158211	0.202953	-4.92726	0.213539	0.49331	-2.02712	0.00916957	0.167783	-5.96007	0.672531
cg04162647	BCL11B;BCL11B	0.0155244	0.0194932	0.462275	-2.16321	0.18998	0.684318	-1.46131	0.00516823	0.364612	-2.74264	0.0425003	0.528164	-1.89335	0.0123365	0.426793	-2.34306	0.318163
cg14841828	BCL11B;BCL11B	0.0160022	0.00331532	0.0282709	-35.3721	0.027093	0.0970107	-10.3081	0.0156121	0.071122	-14.0603	0.191674	0.291585	-3.42954	0.00396518	0.0316073	-31.6383	0.155773
cg01513714	BCL11B;BCL11B	0.0201336	0.407507	0.822759	-1.21542	0.136186	1.44733	1.44733	0.00107914	3.03885	3.03885	0.434154	1.20172	1.20172	0.0375761	0.573782	-1.74282	0.267658
cg03498048	BCL11B;BCL11B	0.0211062	0.0385641	0.609802	-1.63988	0.00610222	2.0935	2.0935	0.0121703	1.90585	1.90585	0.48341	0.863284	-1.15837	0.530891	1.13999	1.13999	0.785813
cg14150354	BCL11B;BCL11B	0.0222893	0.00731374	0.354626	-2.81988	0.544342	1.20194	1.20194	0.347349	0.748217	-1.33651	0.862812	1.05321	1.05321	0.00137131	0.248582	-4.02281	0.681979
cg16256390	BCL11B;BCL11B	0.0253698	0.697725	0.952429	-1.04995	0.00166649	1.75346	1.75346	0.112843	1.24051	1.24051	0.931973	1.01072	1.01072	0.683557	1.05251	1.05251	0.272597
cg11753157	BCL11B;BCL11B	0.0289776	0.53468	1.27123	1.27123	0.591124	0.813034	-1.22996	0.260227	1.56551	1.56551	0.516595	0.778024	-1.28531	0.000625195	0.134285	-7.44685	0.991393
cg04145134	BCL11B;BCL11B	0.0290265	0.175015	1.47603	1.47603	0.294351	1.34122	1.34122	0.0374856	1.91862	1.91862	0.114633	1.58908	1.58908	0.599104	0.866592	-1.15395	0.0594201
cg27123256	BCL11B;BCL11B	0.0291022	0.00736571	0.0704529	-14.1939	0.171141	0.326516	-3.06263	0.0101024	0.082666	-12.0969	0.189346	0.343709	-2.90944	0.0198091	0.115205	-8.68021	0.731736
cg23398318	BCL11B;BCL11B	0.0294326	0.0262536	0.198275	-5.0435	0.375929	0.572499	-1.74673	0.0170614	0.1678	-5.95948	0.300951	0.517956	-1.93067	0.0151747	0.160278	-6.23915	0.397497
cg09911747	BCL11B;BCL11B	0.0336101	0.0668318	0.316983	-3.15474	0.00101729	0.0655667	-15.2516	0.0705772	0.323062	-3.09538	0.669978	1.27088	1.27088	0.149387	0.421307	-2.37357	0.64293
cg23580725	BCL11B;BCL11B	0.0355335	0.0155285	0.276114	-3.6217	0.13677	0.499069	-2.00373	0.31465	0.637085	-1.56965	0.0881398	0.442227	-2.26128	0.161555	0.522991	-1.91208	0.895493
cg18431957	BCL11B;BCL11B	0.0404	0.279349	0.698214	-1.43223	0.0449201	0.479439	-2.08577	0.0794435	0.536957	-1.86235	0.550305	0.824459	-1.21292	0.151583	0.612172	-1.63353	0.00147863
cg10515131	BCL11B;BCL11B	0.0431117	0.075423	0.412782	-2.42259	0.00544898	0.195065	-5.1265	0.534033	1.32518	1.32518	0.75685	1.14894	1.14894	0.0150645	0.263021	-3.80198	0.244795
cg23347987	BCL11B;BCL11B;BCL11B;BCL11B	0.0250265	0.947543	1.00894	1.00894	0.17278	1.21693	1.21693	0.0111709	1.53776	1.53776	0.174263	0.822363	-1.21601	0.0431056	0.72985	-1.37014	0.99418
cg12459502	BCL2	0.000752248	0.00083097	0.380528	-2.62793	0.455651	0.864243	-1.15708	0.0361918	0.626425	-1.59636	0.00796433	0.520376	-1.92169	7.30E-05	0.250212	-3.99661	0.52394
cg23756272	BCL2	0.0183416	0.296211	0.791279	-1.26378	0.107934	0.684465	-1.46099	0.155847	0.720234	-1.38844	0.170138	0.729219	-1.37133	0.0905396	0.66826	-1.49642	0.358286
cg08223235	BCL2	0.0223211	0.00933625	0.156928	-6.37237	0.0106678	0.164794	-6.06818	0.0385546	0.260248	-3.84248	0.0757742	0.329511	-3.0348	0.00572388	0.130695	-7.6514	0.114679
cg14544831	BCL2;BCL2	0.000305363	0.0281252	0.54341	-1.84023	2.51E-05	0.139702	-7.15808	0.000374447	0.262369	-3.81143	0.0666432	0.616512	-1.62203	0.00191583	0.355783	-2.8107	0.000388533
cg21793948	BCL2;BCL2	0.000359906	0.720758	1.08932	1.08932	0.728283	1.08668	1.08668	0.964069	1.0108	1.0108	0.00597984	2.3548	2.3548	0.0269383	0.535526	-1.86732	0.00566119
cg09752703	BCL2;BCL2	0.000850015	0.00165515	0.764074	-1.30877	0.86724	1.01005	1.01005	0.130039	1.10268	1.10268	0.383428	1.05487	1.05487	0.000963397	1.34149	1.34149	0.0221567
cg14455307	BCL2;BCL2	0.00408254	0.60894	0.936404	-1.06792	0.0240044	1.40898	1.40898	0.00342316	1.65937	1.65937	0.00693234	0.640854	-1.56042	0.558258	0.927377	-1.07831	0.391518
cg23699933	BCL2;BCL2	0.00417371	0.0241282	0.540982	-1.84849	0.074365	1.57493	1.57493	0.747172	1.07669	1.07669	9.22E-05	0.202936	-4.92767	0.378568	0.813513	-1.22924	0.575982
cg27347932	BCL2;BCL2	0.00539174	0.0881248	2.10999	2.10999	0.392371	1.41577	1.41577	0.0700149	0.447645	-2.23391	?	?	?	0.0166676	0.313566	-3.18912	?
cg03813215	BCL2;BCL2	0.00780957	0.258851	1.1443	1.1443	0.000771077	1.79059	1.79059	0.00160032	1.67869	1.67869	0.880074	1.01742	1.01742	0.967755	0.995385	-1.00464	0.702905
cg23707289	BCL2;BCL2	0.00783856	0.000761854	0.420692	-2.37703	0.207977	1.25276	1.25276	0.884269	1.02503	1.02503	0.498289	1.12378	1.12378	0.144311	0.766282	-1.305	0.1732
cg26277730	BCL2;BCL2	0.0123332	0.0101883	0.471813	-2.11948	0.197897	0.72941	-1.37097	0.915009	1.02506	1.02506	0.0304875	0.554596	-1.80312	0.000348194	0.263573	-3.79402	0.247073
cg21602520	BCL2;BCL2	0.0132845	0.574744	1.28341	1.28341	0.00677592	0.213387	-4.68631	0.0495519	0.372975	-2.68114	0.0234451	0.303736	-3.29233	0.00364219	0.177049	-5.64815	0.0130063
cg18423859	BCL2;BCL2	0.0160766	0.0101034	1.324	1.324	0.0021411	1.45199	1.45199	0.0501496	1.21303	1.21303	0.0290695	1.24915	1.24915	0.130147	1.15185	1.15185	0.00439405
cg05724997	BCL2;BCL2	0.0210399	0.00355932	0.308263	-3.24398	0.0954371	0.579378	-1.72599	0.218122	0.679772	-1.47108	0.616114	0.860175	-1.16255	0.0013367	0.24923	-4.01235	0.588641
cg14889643	BCL2;BCL2	0.0271594	0.100169	0.716864	-1.39497	0.342301	1.19819	1.19819	0.189772	1.2926	1.2926	0.326802	0.829381	-1.20572	0.180862	0.769089	-1.30024	0.0374788
cg08554462	BCL2;BCL2	0.036006	0.107504	0.695788	-1.43722	0.336001	0.814773	-1.22734	0.241238	1.28828	1.28828	0.850665	1.03968	1.03968	0.565392	1.12749	1.12749	0.525284
cg12953669	BCL2;BCL2	0.0360684	0.0354959	0.709623	-1.4092	0.444669	1.11537	1.11537	0.123564	1.26331	1.26331	0.886696	1.02018	1.02018	0.0119367	0.644298	-1.55208	0.217738
cg05945943	BCL2;BCL2	0.0418367	0.00188362	0.615732	-1.62408	0.182772	0.855907	-1.16835	0.0870249	0.812225	-1.23119	0.051592	0.783616	-1.27614	0.392739	0.90814	-1.10115	0.312909
cg12090740	BCL2;BCL2	0.0498222	0.0221565	0.395756	-2.52681	0.721721	0.886154	-1.12847	0.0557293	0.480655	-2.08049	0.337491	0.715921	-1.3968	0.0159447	0.368835	-2.71124	0.0600351
cg21234506	BCL2A1;BCL2A1	0.00246257	0.00981935	0.302922	-3.30118	0.427591	0.743524	-1.34495	0.0351278	0.407367	-2.45479	0.0735129	0.481878	-2.07521	0.0249499	0.376727	-2.65444	0.556717
cg27177709	BCL2A1;BCL2A1	0.0352065	0.311433	0.759775	-1.31618	0.175391	1.45943	1.45943	0.00337991	0.351461	-2.84527	0.534916	0.848011	-1.17923	0.0157143	0.459933	-2.17423	0.73635
cg09586459	BCL2L10	0.0112937	0.0419301	7.50294	7.50294	0.0248503	9.93214	9.93214	0.237607	2.89652	2.89652	0.106798	4.54311	4.54311	0.0424805	7.45087	7.45087	0.0692915
cg14540387	BCL2L10	0.0172276	0.101461	2.91589	2.91589	0.00168887	14.5555	14.5555	0.0382207	4.19324	4.19324	0.0861159	3.10108	3.10108	0.0259475	4.84368	4.84368	0.0437208
cg03151554	BCL2L10	0.0194149	0.185121	1.41809	1.41809	0.0573909	1.70621	1.70621	0.105245	0.644057	-1.55266	0.593326	1.14337	1.14337	0.815678	1.05976	1.05976	0.00117017
cg00413066	BCL2L10	0.0238904	0.240584	0.859979	-1.16282	0.0337998	0.737643	-1.35567	0.124816	0.815458	-1.2263	0.744755	1.04092	1.04092	0.0280068	0.727094	-1.37534	0.00520598
cg15190747	BCL2L10	0.0250289	0.456708	1.21412	1.21412	0.0229023	2.00717	2.00717	0.850218	1.04958	1.04958	0.0404019	1.83306	1.83306	0.0271816	1.95271	1.95271	0.0596391
cg27563121	BCL2L10	0.0251808	0.00595117	0.193892	-5.1575	0.00849582	0.216061	-4.62833	0.337544	0.637006	-1.56984	0.389379	0.668752	-1.49532	0.0311787	0.315551	-3.16906	0.153124
cg04519487	BCL2L10	0.0383749	0.0377512	7.26732	7.26732	0.0269437	8.64105	8.64105	0.12029	4.00317	4.00317	0.104919	4.29977	4.29977	0.0334052	7.73724	7.73724	0.11484
cg03929531	BCL2L10	0.0441863	0.411105	0.829822	-1.20508	0.644553	1.10861	1.10861	0.00379982	2.37845	2.37845	0.231427	1.32126	1.32126	0.977214	0.993681	-1.00636	0.198529
cg14431573	BCL2L10	0.0454536	0.0908028	3.33019	3.33019	0.0165945	6.61408	6.61408	0.259345	2.13789	2.13789	0.3205	1.94024	1.94024	0.0349875	4.88646	4.88646	0.890209
cg06223562	BCL2L11;BCL2L11	0.00798561	0.00455128	0.527037	-1.8974	0.0194884	0.619663	-1.61378	0.427681	0.871754	-1.14711	0.764268	0.950305	-1.05229	0.156654	0.773544	-1.29275	0.0479887
cg13758331	BCL2L11;BCL2L11	0.0434141	0.0421128	0.206349	-4.84616	0.430384	0.581321	-1.72022	0.590483	0.693408	-1.44215	0.234408	0.431685	-2.3165	0.00767581	0.099346	-10.0658	0.18539
cg11729679	BCL2L11;BCL2L11;BCL2L11	4.15E-06	0.108477	0.621802	-1.60823	8.61E-06	13.8066	13.8066	0.00073779	4.01971	4.01971	0.818774	1.06426	1.06426	0.66314	1.1263	1.1263	3.21E-05
cg09907170	BCL2L11;BCL2L11;BCL2L11	5.71E-05	0.0537352	0.525239	-1.9039	0.000206805	6.21247	6.21247	0.00755256	2.74667	2.74667	0.254719	1.4185	1.4185	0.0790374	0.563678	-1.77406	0.000105249
cg11108060	BCL2L11;BCL2L11;BCL2L11	0.00283205	0.0223555	0.657692	-1.52047	0.0824652	1.3424	1.3424	0.011291	1.62542	1.62542	0.112939	0.76788	-1.30229	0.871008	1.02519	1.02519	0.228547
cg07547695	BCL2L11;BCL2L11;BCL2L11	0.00354205	0.363634	0.747744	-1.33736	0.0165916	0.402117	-2.48684	0.0243341	0.433593	-2.30631	0.859373	0.946279	-1.05677	0.204444	0.659051	-1.51733	0.0775802
cg26001287	BCL2L11;BCL2L11;BCL2L11	0.00562504	0.830205	1.18418	1.18418	0.00880544	13.8143	13.8143	0.00198558	31.1295	31.1295	0.0371559	0.148882	-6.71674	0.142937	3.45354	3.45354	0.0293947
cg19457263	BCL2L11;BCL2L11;BCL2L11	0.00886488	0.303618	0.812416	-1.2309	0.000338267	0.324243	-3.08411	0.876825	0.970211	-1.0307	0.029928	0.607729	-1.64547	0.0994925	0.703252	-1.42197	0.870857
cg16258445	BCL2L11;BCL2L11;BCL2L11	0.0379957	0.597518	0.820789	-1.21834	0.933558	1.03139	1.03139	0.656601	1.18041	1.18041	0.0238381	0.368039	-2.71711	0.750727	0.888578	-1.12539	0.457195
cg11842141	BCL2L11;BCL2L11;BCL2L11	0.0408108	0.208291	0.726702	-1.37608	0.0116708	2.13495	2.13495	0.424596	1.21681	1.21681	0.541507	0.8618	-1.16036	0.0520527	0.587518	-1.70208	0.340163
cg06516800	BCL2L12;BCL2L12	0.000336444	8.91E-05	0.453939	-2.20294	0.0959928	1.22855	1.22855	0.000684309	0.557643	-1.79326	0.149448	1.19008	1.19008	0.000326872	0.520109	-1.92267	0.00883265

Probeset ID	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24770856	1.61052	1.61052	0.0527067	0.46302	-2.15973	0.946482	0.976803	-1.02375	0.397694	0.738775	-1.35359	6.49955	12.5828	1.72084	1
cg27445265	0.752665	-1.32861	0.17649	1.23799	1.23799	0.521963	0.908075	-1.10123	0.0251796	1.48523	1.48523	4.10854	1.43645	0.310778	1
cg03379649	0.426615	-2.34403	0.0016039	2.21057	2.21057	0.0664407	1.43446	1.43446	0.000939263	0.42104	-2.37507	18.6531	9.07598	0.432505	1
cg00961166	0.784829	-1.27416	1.47E-05	0.394905	-2.53226	0.0833708	0.820565	-1.21867	0.00106154	1.64768	1.64768	18.3658	3.09667	0.149876	1
cg21564660	1.48992	1.48992	0.00150643	0.471791	-2.11958	5.40E-05	0.290319	-3.44449	0.0264968	1.54055	1.54055	14.6329	6.25488	0.379957	1
cg15107202	0.670507	-1.49141	0.316067	1.48429	1.48429	0.443019	0.742304	-1.34716	0.00335573	0.218596	-4.57464	10.2359	23.5332	2.04363	1
cg12506121	0.811922	-1.23165	0.000972474	0.230458	-4.33918	0.951757	1.01826	1.01826	0.920241	0.970494	-1.0304	8.88705	12.5866	1.25892	1
cg06957321	0.977393	-1.02313	0.000731028	0.447278	-2.23575	0.0569262	0.713454	-1.40163	0.328691	0.85386	-1.17115	5.2583	2.04527	0.345743	1
cg21658670	0.534489	-1.87095	0.00861361	1.38259	1.38259	0.502289	1.06806	1.06806	0.00315709	0.677001	-1.4771	11.6784	1.72962	0.131648	1
cg23083936	0.798596	-1.2522	0.887531	0.960996	-1.04059	0.334165	1.32318	1.32318	0.0527504	0.538469	-1.85712	4.36285	5.46162	1.11275	1
cg01655341	?	?	0.875418	0.966502	-1.03466	0.321237	1.24926	1.24926	0.368333	1.22221	1.22221	8.09539	5.37469	0.663921	1
cg14530560	0.434756	-2.30014	0.000463876	0.365443	-2.7364	0.760287	1.05753	1.05753	0.0163921	1.70951	1.70951	8.62201	4.56226	0.470348	1
cg12044693	0.401767	-2.489	6.08E-05	0.167795	-5.95967	0.488682	0.844009	-1.18482	3.35E-05	0.143794	-6.95441	20.1382	18.5398	0.818337	1
cg03354616	0.438336	-2.28135	3.04E-05	0.0434482	-23.0159	0.633601	1.20289	1.20289	0.00110189	0.157133	-6.36405	14.6422	34.3162	2.08325	1
cg10421214	1.1935	1.1935	0.0641731	1.53555	1.53555	0.218614	0.76582	-1.30579	0.336204	0.81508	-1.22687	12.2471	8.24703	0.598563	1
cg19242448	1.15587	1.15587	0.391631	1.11858	1.11858	0.00693183	0.640108	-1.56224	0.0918504	0.789026	-1.26739	10.1333	2.61623	0.229495	1
cg16253997	0.950256	-1.05235	0.000287197	0.456567	-2.19026	0.139265	0.809964	-1.23462	0.253968	0.854033	-1.17091	4.65192	1.29254	0.246978	1
cg25637836	1.61219	1.61219	0.0469322	0.513891	-1.94594	0.98802	1.0044	1.0044	0.699403	1.12027	1.12027	4.00708	5.43765	1.20623	1
cg24244747	0.952103	-1.05031	0.206389	1.33405	1.33405	0.216674	1.32462	1.32462	0.0589341	0.630484	-1.58608	3.44013	2.54807	0.658391	1
cg11654737	1.49518	1.49518	0.158077	0.738972	-1.35323	0.434534	0.852293	-1.1733	0.241478	1.27859	1.27859	3.42884	2.18185	0.56562	1
cg01038597	0.195755	-5.10843	0.0010061	0.18725	-5.34045	0.613403	1.19106	1.19106	0.0956834	0.533601	-1.87406	7.91497	14.7649	1.65817	1
cg02368606	1.34525	1.34525	0.848798	0.941747	-1.06186	0.00439789	3.30602	3.30602	0.867362	1.05397	1.05397	6.62669	10.3777	1.39205	1
cg01016533	0.364734	-2.74172	0.000550437	0.138025	-7.24509	0.607517	0.825941	-1.21074	0.0502177	0.438666	-2.27964	6.28086	13.5536	1.91815	1
cg08328483	0.357574	-2.79662	0.000392368	0.143791	-6.95456	0.829018	0.928437	-1.07708	0.842582	0.934013	-1.07065	6.07467	11.3402	1.65938	1
cg06512974	1.57885	1.57885	0.235687	0.561151	-1.78205	0.530623	1.34355	1.34355	0.148773	2.05434	2.05434	4.31719	14.779	3.04293	1
cg05667756	0.858924	-1.16425	0.34564	0.852102	-1.17357	0.355011	0.854886	-1.16975	0.0881204	0.733366	-1.36358	3.54055	1.52262	0.382268	1
cg16140502	1.0564	1.0564	0.00159508	0.558089	-1.79183	0.336895	1.13596	1.13596	0.779283	0.964472	-1.03684	9.04165	2.37395	0.233384	1
cg23665568	0.740582	-1.35029	0.00226241	0.221604	-4.51255	0.0296284	0.405309	-2.46725	0.050749	0.4561	-2.1925	5.5387	10.912	1.75123	1
cg17322118	0.37618	-2.6583	0.00238731	0.292032	-3.42428	0.877319	0.956079	-1.04594	0.0750685	0.56195	-1.77952	4.29164	5.7459	1.1901	1
cg01636910	0.586677	-1.70452	0.270072	0.664604	-1.50466	0.473347	1.29622	1.29622	0.0343592	0.415574	-2.40631	4.03117	8.08066	1.78182	1
cg02862864	0.42709	-2.34143	0.502033	0.83679	-1.19504	0.34331	1.29087	1.29087	0.601196	1.14789	1.14789	3.99212	4.32442	0.962878	1
cg06913958	0.460972	-2.16933	0.0124377	0.151877	-6.58429	0.187036	0.428546	-2.33347	0.0295675	0.211775	-4.722	3.8149	22.181	5.16826	1
cg05475904	1.54667	1.54667	0.625705	1.09204	1.09204	0.0726517	0.698583	-1.43147	0.150005	0.758504	-1.31838	14.7051	7.47142	0.451631	1
cg16377367	0.822368	-1.216	0.0012299	0.279585	-3.57673	0.915092	0.971652	-1.02918	0.261896	0.729457	-1.37088	4.90596	5.64933	1.02358	1
cg11057260	0.32651	-3.06269	0.0905627	1.65151	1.65151	0.353793	1.29262	1.29262	0.0748206	0.58634	-1.70549	5.88988	6.75183	1.01897	1
cg15241316	2.86836	2.86836	0.0170438	3.34944	3.34944	0.0222782	3.12171	3.12171	0.0856076	2.20255	2.20255	4.49814	12.3032	2.43127	1
cg12685731	0.731143	-1.36772	0.00152886	0.537795	-1.85944	0.720111	0.952252	-1.05014	0.00164813	1.84529	1.84529	15.4469	4.52353	0.260306	1
cg26188299	0.886374	-1.12819	2.44E-05	0.267016	-3.7451	0.30164	0.845176	-1.18319	0.405035	1.14329	1.14329	10.3715	4.05834	0.34782	1
cg01600529	1.43349	1.43349	0.000265334	1.53189	1.53189	0.12598	1.12513	1.12513	0.295259	1.08036	1.08036	10.2096	0.819978	0.0713906	1
cg03598080	1.20494	1.20494	0.00012257	0.263839	-3.79018	0.079847	1.47162	1.47162	0.0566828	1.53541	1.53541	9.39483	5.87931	0.556269	1
cg23678058	0.673468	-1.48485	0.0244089	0.516918	-1.93454	0.0684371	1.65189	1.65189	0.0683407	0.605237	-1.65225	8.34525	8.00142	0.852266	1
cg03606511	0.984942	-1.01529	0.371885	1.24159	1.24159	0.649754	0.897712	-1.11394	0.0533075	0.595617	-1.67893	7.0534	6.22347	0.784299	1
cg26386740	0.861442	-1.16084	0.89514	1.0173	1.0173	0.87869	1.02006	1.02006	0.464529	0.907734	-1.10164	6.66586	1.78529	0.238068	1
cg00732907	0.898853	-1.11253	0.000767135	1.45004	1.45004	0.0441536	1.18368	1.18368	0.612996	1.0379	1.0379	6.54888	0.551606	0.0748702	1
cg01865786	0.874566	-1.14342	0.00999156	0.434397	-2.30204	0.365232	1.26932	1.26932	0.00327209	0.35788	-2.79423	5.81633	6.05299	0.925056	1
cg24361098	0.266191	-3.75671	0.00131381	0.162191	-6.16555	0.0249511	0.354204	-2.82323	0.0507537	0.420707	-2.37695	5.65546	13.5535	2.13026	1
ch.2.1382002F	0.917377	-1.09006	0.000227807	0.295329	-3.38605	0.0769641	0.675987	-1.47932	0.831465	1.04335	1.04335	5.56225	3.49236	0.558105	1
cg14986476	0.992835	-1.00722	0.100046	1.55137	1.55137	0.348737	1.26501	1.26501	0.389974	1.23945	1.23945	5.33411	5.01671	0.835996	1
cg16874579	0.777276	-1.28654	0.256604	0.849389	-1.17732	0.471011	0.903853	-1.10637	0.728725	1.04917	1.04917	5.19836	1.5647	0.267554	1
cg27159979	6.74091	6.74091	0.58652	0.810778	-1.23338	0.0188833	3.05961	3.05961	0.0198623	3.01957	3.01957	5.73695	12.9381	1.75407	1
cg08627352	0.460876	-2.16978	0.00208245	0.0653565	-15.3007	0.0230223	0.180568	-5.53809	0.0802398	0.294695	-3.39334	4.97236	31.2164	5.58043	1
cg17935536	0.693165	-1.44266	0.0704136	1.34755	1.34755	0.183241	1.23158	1.23158	0.00502722	0.578456	-1.72874	4.64587	1.60102	0.306321	1
cg16905255	1.03778	1.03778	0.105494	0.852653	-1.17281	0.18461	0.880883	-1.13522	0.0215811	0.77981	-1.28236	4.62808	0.59546	0.114367	1
cg26632873	0.730404	-1.36911	0.338559	1.35988	1.35988	0.0661566	1.90071	1.90071	0.259755	1.44242	1.44242	3.57076	5.49105	1.36692	1
cg01616628	0.549238	-1.8207	0.0073462	0.194837	-5.13248	0.10407	0.431194	-2.31914	0.141748	0.4734	-2.11238	3.49415	12.399	3.15423	1
cg03754165	0.783192	-1.27683	0.0104768	0.614674	-1.62688	0.444224	1.12504	1.12504	0.719029	0.946891	-1.05609	15.0726	5.44685	0.321222	1
cg15091323	0.915591	-1.09219	0.728702	1.07077	1.07077	1.79E-05	5.59161	5.59161	0.983147	0.995861	-1.00416	14.0926	8.60639	0.542846	1
cg22166290	0.964859	-1.03642	0.716512	0.904689	-1.10535	0.000386223	4.73628	4.73628	0.202851	1.44665	1.44665	8.03288	9.59775	1.06205	1
cg03874092	1.76146	1.76146	0.34572	0.768417	-1.30138	0.00894939	2.46432	2.46432	0.398584	1.2642	1.2642	4.17327	4.86352	1.03591	1
cg26998529	0.374469	-2.67045	5.85E-06	0.262002	-3.81676	0.00147367	0.546961	-1.82828	0.00336826	0.591934	-1.68938	48.0061	13.1429	0.243357	1
cg18599750	0.914199	-1.09385	0.192119	1.11731	1.11731	0.000258833	0.616961	-1.62085	0.603871	1.04295	1.04295	33.3617	3.41041	0.0908667	1
cg25061304	0.7444	-1.34336	0.312975	0.873838	-1.14438	8.41E-05	0.400918	-2.49428	0.0430995	0.740279	-1.35084	14.3648	3.79879	0.235068	1
cg24168924	1.11826	1.11826	0.000313171	0.281943	-3.54682	0.298571	1.26295	1.26295	0.374709	0.820857	-1.21824	14.3374	10.6594	0.660864	1
cg23202887	1.31167	1.31167	0.0416534	1.45702	1.45702	0.0608752	1.40301	1.40301	0.0860265	0.737835	-1.35532	12.7793	5.19886	0.361618	1
cg20478390	1.90172	1.90172	0.525497	1.3386	1.3386	0.257255	1.70904	1.70904	0.170732	0.516222	-1.93715	12.5227	40.7506	2.89255	1
cg05100282	2.86589	2.86589	0.272668	1.36165	1.36165	0.0424854	0.531705	-1.88074	0.290891	0.743529	-1.34494	12.0725	13.9782	1.0292	1
cg07440398	2.65735	2.65735	0.269641	1.17249	1.17249	0.0550468	1.35139	1.35139	0.0364775	1.40007	1.40007	11.0057	3.34023	0.269777	1
cg06317348	0.771677	-1.29588	0.101257	0.80565	-1.24123	0.0706563	1.27542	1.27542	0.00295875	1.63449	1.63449	10.8395	2.48983	0.204177	1
cg01987941	1.47479	1.47479	0.000169207	0.133332	-7.50006	0.279042	0.701565	-1.42538	0.252208	1.45744	1.45744	10.2742	16.1388	1.39628	1
cg07025989	0.795789	-1.25662	9.12E-05	0.0929397	-10.7597	0.880271	0.950074	-1.05255	0.630404	0.848121	-1.17908	8.59241	15.7119	1.6254	1
cg11877726	1.41755	1.41755	0.000392556	2.02744	2.02744	0.00536749	1.5821	1.5821	0.273152	0.867012	-1.15339	7.84779	1.94598	0.220413	1
cg26396443	0.528119	-1.89351	0.00718422	0.132408	-7.55242	0.0307054	0.227893	-4.38803	0.0203047	0.195913	-5.1043	6.82479	36.6918	4.77889	1
cg21515844	1.01765	1.01765	0.151424	1.29991	1.29991	0.282614	0.826532	-1.20987	0.526755	0.896336	-1.11565	6.58699	3.03769	0.409925	1
cg16488974	0.760827	-1.31436	0.0299029	0.65237	-1.53287	0.0277157	0.647213	-1.54509	0.0167382	1.62945	1.62945	6.27923	2.77989	0.393522	1
cg19450111	0.470003	-2.12765	0.00804531	0.198812	-5.02988	0.0255902	0.283103	-3.53228	0.019239	0.25991	-3.84749	6.26332	22.457	3.1871	1
cg04712122	0.637074	-1.56968	0.00468821	0.241597	-4.13912	0.0384178	0.403923	-2.47572	0.367122	1.41926	1.41926	5.73595	12.9748	2.01068	1
cg13080172	1.78457	1.78457	0.0321833	1.43373	1.43373	0.33636	1.15297	1.15297	0.0575593	0.734629	-1.36123	5.59736	1.82794	0.290286	1
cg10509607	0.919274	-1.08782	0.117869	1.55672	1.55672	0.00753415	2.45028	2.45028	0.0509902	1.78488	1.78488	5.22519	5.62138	0.956289	1
cg23457258	0.891111	-1.12219	0.0204901	1.81424	1.81424	0.0691437	0.648016	-1.54317	0.702811	0.921474	-1.08522	5.1999	3.74839	0.640762	1
cg14233720	0.795048	-1.25779	0.0122224	0.185602	-5.38788	0.542815	0.717259	-1.3942	0.135817	0.420144	-2.38014	5.17755	23.8651	4.09719	1
cg04162647	0.75431	-1.32571	0.00163833	0.291593	-3.42943	0.178875	0.676895	-1.47733	0.0455302	0.534373	-1.87135	5.12207	6.05784	1.05128	1
cg14841828	0.258178	-3.87329	0.0243487	0.0913899	-10.9421	0.0450798	0.128711	-7.76932	0.0230012	0.0885208	-11.2968	5.07076	63.8454	11.1919	1
cg01513714	0.766529	-1.30458	0.401649	0.820654	-1.21854	0.70411	0.915891	-1.09183	0.490364	0.851018	-1.17506	4.69393	3.94157	0.746414	1
cg03498048	0.945328	-1.05783	0.400628	0.837295	-1.19432	0.0270425	1.71652	1.71652	0.4528	1.17101	1.17101	4.61906	3.11663	0.599762	1
cg14150354	0.883817	-1.13146	0.778772	1.08809	1.08809	0.226148	1.46372	1.46372	0.20973	0.672821	-1.48628	4.53356	6.45203	1.26504	1
cg16256390	0.867104	-1.15326	0.221377	1.17412	1.17412	0.0549229	1.31236	1.31236	0.0133939	1.46591	1.46591	4.33502	1.07066	0.219537	1
cg11753157	0.995892	-1.00413	0.334744	1.46183	1.46183	0.401405	1.38791	1.38791	0.954593	1.02197	1.02197	4.13736	9.54542	2.05078	1
cg04145134	1.776	1.776	0.0442188	1.86619	1.86619	0.00192653	3.27047	3.27047	0.0232817	2.0791	2.0791	4.13489	4.77149	1.02574	1
cg27123256	0.767723	-1.30255	0.00595267	0.0631411	-15.8375	0.65879	0.710809	-1.40685	0.161334	0.316962	-3.15495	4.13109	38.6027	8.30617	1
cg23398318	1.70193	1.70193	0.00340103	0.0868315	-11.5166	0.326115	0.536705	-1.86322	0.373572	0.570838	-1.75181	4.11461	24.5513	5.30387	1
cg09911747	0.770242	-1.29829	0.313132	0.558019	-1.79205	0.505744	1.45873	1.45873	0.203743	0.472337	-2.11713	3.92411	19.4312	4.40155	1
cg23580725	0.94461	-1.05864	0.00279103	0.167465	-5.9714	0.0142383	0.269548	-3.70991	0.128581	0.490563	-2.03848	3.846	11.4517	2.64671	1
cg18431957	0.231076	-4.32757	0.0349077	0.456026	-2.19286	0.108318	0.571473	-1.74986	0.723455	0.892724	-1.12017	3.66966	5.9293	1.43623	1
cg10515131	1.72272	1.72272	0.116451	0.466462	-2.1438	0.339488	0.643969	-1.55287	0.865603	0.92707	-1.07867	3.58239	11.3386	2.81343	1
cg23347987	1.00099	1.00099	0.832626	1.02905	1.02905	0.648585	0.9398	-1.06406	0.00456373	1.66716	1.66716	4.35563	1.26319	0.25779	1
cg12459502	0.883368	-1.13203	0.0328693	1.61485	1.61485	0.411906	1.1748	1.1748	0.00274588	0.452212	-2.21135	12.7508	7.44584	0.519067	1
cg23756272	0.81532	-1.22651	0.00272037	2.44667	2.44667	0.114743	1.44878	1.44878	0.0476023	0.612826	-1.63178	4.84437	3.58418	0.657657	1
cg08223235	0.381501	-2.62122	0.0124188	0.174167	-5.74161	0.452951	0.650865	-1.53642	0.0489304	0.282813	-3.5359	4.53134	22.6425	4.44165	1
cg14544831	0.264325	-3.78322	0.00137979	0.335863	-2.97741	0.00144645	0.33869	-2.95255	0.473306	0.842365	-1.18713	16.3705	14.3423	0.77876	1
cg21793948	2.37565	2.37565	2.51E-05	0.136073	-7.349	0.009405	0.456243	-2.19181	0.0115378	0.470957	-2.12333	15.6487	14.0804	0.799804	1
cg09752703	0.848801	-1.17813	0.0551176	0.878122	-1.13879	0.502007	0.960094	-1.04156	0.000326933	1.41484	1.41484	12.3198	0.697017	0.0502905	1
cg14455307	0.894224	-1.11829	0.523776	1.08576	1.08576	0.467038	0.910058	-1.09883	0.0010182	1.85977	1.85977	7.80427	2.00447	0.228305	1
cg23699933	1.13779	1.13779	0.100257	0.662724	-1.50892	0.469486	0.845251	-1.18308	0.89587	0.970527	-1.03037	7.7524	6.40853	0.734801	1
cg27347932	?	?	0.133023	0.525672	-1.90233	0.00116315	0.150726	-6.63454	0.0552664	2.36821	2.36821	7.51631	14.5759	2.21627	1
cg03813215	0.957101	-1.04482	0.0795323	0.800372	-1.24942	0.907677	1.01336	1.01336	0.119636	1.21314	1.21314	6.39238	1.32542	0.184305	1
cg23707289	1.27891	1.27891	0.00652117	0.548793	-1.82218	0.0164626	0.608055	-1.64459	0.579514	0.909369	-1.09966	6.38495	2.91364	0.405627	1
cg26277730	0.75533	-1.32392	0.243097	0.753375	-1.32736	0.0496392	0.594979	-1.68073	0.206046	0.733997	-1.3624	5.52413	4.70272	0.756716	1
cg21602520	0.257573	-3.88239	0.0147678	0.266985	-3.74552	0.0433109	0.359503	-2.78162	0.762755	0.87524	-1.14254	5.39186	16.5444	2.72747	1
cg18423859	1.38943	1.38943	0.198798	1.1246	1.1246	0.877587	0.986759	-1.01342	0.215285	1.1194	1.1194	5.06294	0.599652	0.10528	1
cg05724997	0.849855	-1.17667	0.0364699	0.484629	-2.06343	0.107992	0.593012	-1.68631	0.611088	0.858297	-1.1651	4.62403	6.50179	1.24986	1
cg14889643	0.640106	-1.56224	0.00641677	0.519313	-1.92562	0.213099	1.27419	1.27419	0.0717196	1.45002	1.45002	4.23291	2.2894	0.480762	1
cg08554462	1.14215	1.14215	0.00143411	0.386031	-2.59047	0.247553	0.779088	-1.28355	0.269801	1.26779	1.26779	3.8276	2.58464	0.600233	1
cg12953669	0.833855	-1.19925	0.965133	1.00614	1.00614	0.0178598	1.49695	1.49695	0.90351	0.983149	-1.01714	3.8252	1.18957	0.276428	1
cg05945943	0.891477	-1.12173	0.142363	0.840665	-1.18954	0.434645	1.09169	1.09169	0.469037	1.08445	1.08445	3.62255	0.6949	0.170512	1
cg12090740	0.488227	-2.04823	0.0100313	0.333394	-2.99945	0.0459315	0.461542	-2.16665	0.167282	0.608031	-1.64465	3.39272	6.13742	1.608	1
cg21234506	0.804536	-1.24295	5.29E-05	0.0631333	-15.8395	0.634885	0.839433	-1.19128	0.00504513	0.257461	-3.88408	9.07222	19.2354	1.88466	1
cg27177709	0.915163	-1.0927	0.251248	1.36955	1.36955	0.559925	1.16725	1.16725	0.172037	0.682919	-1.4643	3.8589	4.20637	0.968927	1
cg09586459	5.73709	5.73709	0.000661194	88.5015	88.5015	0.0068391	20.3153	20.3153	0.013459	13.8771	13.8771	5.68401	66.5235	10.4032	1
cg14540387	3.9893	3.9893	0.00453862	9.54926	9.54926	0.0358738	4.29305	4.29305	0.116326	2.7689	2.7689	4.94742	27.9081	5.01417	1
cg03151554	3.26841	3.26841	0.0122617	2.17158	2.17158	0.199796	1.4003	1.4003	0.456399	1.20749	1.20749	4.75219	4.6501	0.869792	1
cg00413066	1.57254	1.57254	0.964041	0.99448	-1.00555	0.478903	1.0924	1.0924	0.0781367	0.786388	-1.27164	4.42641	1.05678	0.212217	1
cg15190747	1.72301	1.72301	0.00111236	3.41976	3.41976	0.160151	1.46831	1.46831	0.328459	1.29457	1.29457	4.35548	4.51961	0.922384	1
cg27563121	0.497672	-2.00935	0.0084611	0.215795	-4.63403	0.158285	0.502595	-1.98967	0.0166841	0.263696	-3.79225	4.34632	14.3217	2.929	1
cg04519487	4.10165	4.10165	0.00407398	23.8907	23.8907	0.0364458	7.39945	7.39945	0.0538251	6.06197	6.06197	3.73967	40.128	9.53808	1
cg03929531	0.739651	-1.35199	0.0116757	2.01264	2.01264	0.729245	1.08017	1.08017	0.417156	1.20206	1.20206	3.54966	2.76936	0.693489	1
cg14431573	1.09328	1.09328	0.00428917	11.7817	11.7817	0.0315319	5.09525	5.09525	0.195769	2.41917	2.41917	3.5123	23.1936	5.8698	1
cg06223562	0.681725	-1.46687	0.000615808	0.409152	-2.44408	0.121198	0.752167	-1.32949	0.00404537	0.519821	-1.92374	6.34774	2.88784	0.40439	1
cg13758331	0.388102	-2.57664	0.00472037	0.0796565	-12.5539	0.0733014	0.260284	-3.84195	0.0523238	0.225975	-4.42527	3.57308	25.7042	6.39452	1
cg11729679	8.98645	8.98645	2.87E-07	60.1807	60.1807	8.45E-06	13.8956	13.8956	0.59125	1.15849	1.15849	50.9197	59.3876	1.03671	1
cg09907170	7.49296	7.49296	7.61E-06	18.0119	18.0119	0.000231617	6.02793	6.02793	0.521326	0.826057	-1.21057	25.7078	35.1869	1.21664	1
cg11108060	0.824101	-1.21344	0.000175025	0.377329	-2.6502	0.0813425	0.743954	-1.34417	0.760853	1.04784	1.04784	8.70559	3.23122	0.329925	1
cg07547695	0.542913	-1.84192	9.63E-05	0.115307	-8.67251	0.00260323	0.272871	-3.66473	0.558594	0.831784	-1.20223	8.14463	12.5057	1.36484	1
cg26001287	7.53492	7.53492	0.0189078	9.37349	9.37349	0.00288938	25.1496	25.1496	0.327903	2.21437	2.21437	7.0785	69.4692	8.72366	1
cg19457263	0.968775	-1.03223	0.00614012	0.498018	-2.00796	0.0466051	0.641275	-1.55939	0.622458	1.1016	1.1016	6.14177	3.69788	0.535188	1
cg16258445	0.755302	-1.32397	0.261741	1.54308	1.54308	0.0013745	0.178974	-5.5874	0.895231	1.05005	1.05005	3.75329	8.16673	1.93412	1
cg11842141	0.789337	-1.26689	0.719748	0.916949	-1.09057	0.085735	1.57936	1.57936	0.0362485	1.79669	1.79669	3.65598	3.35318	0.815267	1
cg06516800	0.687067	-1.45546	0.853934	1.02097	1.02097	0.0009795	0.575818	-1.73666	0.696956	0.956894	-1.04505	15.9412	3.20054	0.178463	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00303582	BCL2L12;BCL2L12	0.00044427	0.151249	0.83112	1.22981	1.260076	0.653823	-1.1712	0.0111617	0.654397	-1.52813	0.0518623	0.74259	-1.34664	0.44E-06	2.176527	3.61628	0.00390708	0.160818	-1.62353	0.0170005	1.46057	1.460057	0.2809932	0.833848	-1.15167	0.0132101	0.665159	0.51585	-1.92994	12.7863	14.2028	0.987359	1
cg03848533	BCL2L12;BCL2L12	0.00074482	0.00132914	0.2905335	-3.44192	0.00108619	0.278869	-3.58591	0.028701	0.503066	-1.98781	0.942914	0.981213	-1.01915	0.00165056	0.182594	5.47664	0.00277751	0.335421	-2.98133	0.00686965	0.396940	-2.51922	0.00272055	0.20592	-4.85624	0.033569	0.51815	-1.92994	12.7863	14.2028	0.987359	1
cg19721730	BCL2L12;BCL2L12	0.00189338	0.725591	0.940272	-1.06352	0.00291009	2.04431	2.04431	0.711582	0.937159	-1.06706	0.374903	0.852857	-1.17253	0.00115272	0.434005	-2.30412	0.00045176	0.381132	-2.62376	0.582605	1.10186	1.10186	0.1319844	0.752667	-1.32861	0.09840081	1.37267	1.37267	0.79685	4.73899	0.429978	1
cg16638260	BCL2L12;BCL2L12	0.00471492	0.02272107	0.21577	-4.63456	0.100469	0.363556	-2.75091	0.167813	0.437482	-2.28581	0.614609	0.751627	-1.33045	0.01756491	0.196093	5.07864	0.00933273	0.354105	-2.82378	0.00431756	0.116993	-8.54752	0.085557	0.343433	-2.91177	0.15659	0.426493	-2.34471	3.46428	17.3524	4.45289	1
cg26766542	BCL213	0.000812967	0.952742	0.98896	-1.01116	0.0024862	0.454572	-2.19794	0.854499	0.966602	-1.03449	0.0201385	1.69054	1.690054	0.00107744	0.304166	-3.28768	0.00107096	0.404424	-2.47265	0.219302	0.785074	-1.27377	0.278214	1.23517	1.23517	0.00184914	0.1436497	0.754275	6.93272	0.493962	1
cg16593229	BCL213	0.00216997	0.0300214	0.656214	-1.52398	0.837498	0.966678	-1.03448	0.00454894	1.86599	1.86599	0.899087	1.02116	1.021161	0.00199926	0.480726	-2.05454	0.0038628	0.526202	-1.90113	0.07364668	0.739539	-1.38978	0.00393745	0.527159	-1.89696	0.00709331	1.403117	1.403117	0.941506	4.06215	0.383513	1
cg03887534	BCL213	0.00566345	0.00424355	0.536666	-1.86336	0.985016	0.996951	-1.00306	0.942087	1.01188	1.01188	0.0882245	0.73645	-1.35787	0.3653931	1.16327	1.16327	0.3931574	0.867412	-1.15285	0.544469	1.1049	1.1049	0.000831138	2.26649	2.26649	0.01584117	1.617053	1.617053	7.0637	2.95843	0.372286	1
ch.21.40657F	BCL213	0.0183155	0.149547	1.31661	1.31661	0.6151507	0.9103356	-1.08852	0.000359698	0.807898	-2.71814	0.8110095	0.54514	1.00454	0.8941007	1.039963	1.039963	0.5039311	0.881718	1.15401	0.1037405	1.20118	1.20118	0.7554077	0.939069	-1.06488	0.08284411	1.427238	1.427238	4.8451	2.636002	0.489699	1
cg01175610	BCL2L11;BCL2L11	0.00203093	0.00135721	0.2373532	-4.2135	0.0573564	0.454512	-2.19016	0.13852	0.706635	-1.41516	0.852664	0.56905	-1.03194	0.03727264	0.646602	-1.5464	0.6001185	0.916455	-1.09116	0.003922035	0.340979	-2.93273	0.0036195	0.964251	-1.0371	0.027886	0.567097	1.76085	9.59887	7.20786	0.667473	1
cg27366072	BCL2L14;BCL2L14;BCL2L14	0.00449594	0.286483	0.81156	-1.2322	0.15513	0.750517	-1.33242	0.441065	0.86226	-1.15974	0.0138521	0.563441	-1.77481	5.99E-05	0.246684	-4.05377	0.23344	0.790046	-1.26575	0.686974	0.92643	-1.07941	0.915777	1.02016	1.02016	0.05667111	0.665679	-1.50222	7.5798	4.27183	0.500961	1
cg00145736	BCL2L14;BCL2L14;BCL2L14	0.00450849	0.00239313	0.2794977	-3.57722	0.0104638	0.967838	-1.01529	0.499498	1.075858	-1.07585	0.6018858	0.64742	-1.54507	0.0122496	0.604472	-1.65453	0.0055441	0.453634	-2.20486	0.04126	0.968457	-1.03281	0.7295961	1.115119	1.115119	0.000337466	0.172855	-5.78519	7.57939	11.0679	1.29904	1
cg18223430	BCL2L14;BCL2L14;BCL2L14	0.0105671	0.0119617	0.61787	-1.61846	0.3606939	0.86563	-1.15523	0.16405	0.796125	-2.25608	0.0186221	1.54959	1.549593	0.00119383	0.482288	-2.07345	0.1489332	1.26829	1.26829	0.901334	1.01923	1.01923	0.8924809	0.934077	-1.07058	0.883643	1.02274	1.02274	5.80704	2.16828	0.3319	1
cg12335126	BCL2L14;BCL2L14;BCL2L14	0.0311974	0.0034547	0.1775153	-5.82675	0.5558494	1.302483	1.302483	0.3437005	0.650653	-1.55907	0.0505927	1.05438	1.054438	0.00388358	0.437006	-2.28693	0.0076022	0.88108	-1.13497	0.7954276	0.880799	-1.13533	0.8022029	1.08137	1.08137	0.05835153	0.386882	-2.58477	0.40329	12.5752	2.77348	1
cg00194781	BCL2L14;BCL2L14;BCL2L14;BCL2L14	2.83E-05	0.00056195	0.4019946	-2.47508	0.000834113	2.34525	2.34525	0.431737	0.872833	-1.14569	0.00160502	2.15335	2.15335	0.000248468	0.35879	-2.78738	0.126305	0.755516	-1.3236	2.70E-06	0.147684	-6.77123	0.0844587	1.38196	1.38196	0.7786111	1.04893	1.04893	10.9374	14.0775	0.404472	1
cg24921858	BCL2L14;BCL2L14;BCL2L14;BCL2L14	0.000375161	0.00076109	0.3100068	-3.22509	0.0166043	1.95296	1.95296	0.146693	0.700185	-1.42819	0.303075	0.783423	-1.27645	1.58E-05	0.156691	-6.38201	0.00457241	0.421132	-2.37455	0.145988	1.42965	1.429651	0.0018435	0.363545	-2.75069	0.237085	0.753205	-1.32766	17.451	12.8278	0.737024	1
cg18941151	BCL2;BCL2	0.00141484	0.00426184	1.98642	1.98642	0.1364614	1.748616	-1.1358	0.544525	1.108696	1.108696	0.2255663	1.12682	1.126824	0.0215017	1.6416	1.6416	0.0049576	0.512852	-1.94888	0.0040981	1.90316	1.90316	0.0674261	0.602257	-1.44455	0.00484977	0.511477	-1.95512	9.5874	4.79421	0.453511	1
cg08266106	BCL215	0.00414004	0.532851	1.10616	1.10616	0.00529792	0.555973	-1.79865	0.0254998	0.654426	-1.52806	0.00983051	1.68413	1.684113	0.532932	1.10614	1.10614	0.0976644	0.748063	-1.33679	0.00195283	2.01293	2.01293	0.0482352	1.43415	1.43415	0.63115	1.08033	1.08033	7.77139	3.14024	0.359179	1
cg12485621	BCL215	0.0401895	0.12881	0.566616	-1.76496	0.197739	1.60293	1.60293	0.0482821	2.18575	2.18575	0.402562	1.5304	1.5304	0.0279838	2.45828	2.45828	0.0209055	0.21669	-4.61594	0.0085389	2.20216	2.20216	0.7975322	1.12932	1.12932	0.186958	0.616251	-1.62271	1.67673	6.97469	1.68621	1
cg13852791	BCL2L1;BCL2L1	0.00111481	0.0185662	2.279981	1.557166	0.6977384	0.840277	-1.19008	0.410472	1.455551	1.4485546	0.118148	0.0018202	3.1810513	0.1050551	1.64916	1.64916	0.0004706	0.512852	-1.94888	0.0040981	1.90316	1.90316	0.0674261	0.602257	-1.44455	0.00484977	0.511477	-1.95512	9.5874	4.79421	0.453511	1
cg08257293	BCL2L1;BCL2L1	0.00743656	0.382754	0.672117	-1.48784	0.1129189	3.93488	3.93488	0.00351998	5.79274	5.79274	0.359158	1.51912	1.51912	0.029569	0.320726	-3.11793	0.0914146	2.28219	2.28219	0.293709	1.6217	1.6217	0.00302584	6.0734	6.0734	0.0415945	2.83731	2.83731	6.49125	20.2569	2.77391	1
cg11659435	BCL2L1;BCL2L1	0.00222617	0.0531196	0.592664	-1.68588	0.2048438	0.967838	-1.01529	0.499498	1.075858	-1.07585	0.6018858	1.16786	1.167861	0.0183484	0.737927	-1.35533	0.0404909	0.78282	-1.27743	0.3372251	0.668166	-1.51399	0.0951262	0.823563	-1.21424	0.01839987	0.738779	-1.35358	4.57649	0.804853	0.157739	1
cg23509889	BCL2L1;BCL2L1;BCL2L1;BCL2L1	0.0257165	0.0735088	1.248384	1.248384	0.252576	0.875597	-1.14208	0.224896	0.869082	-1.15064	0.478121	0.922961	-1.08347	0.253596	1.03527	1.03527	0.0355839	1.32152	1.32152	0.330603	1.11806	1.11806	0.00153806	1.65961	1.65961	0.28632	1.13098	1.13098	6.31456	0.844422	0.373969	1
cg05877109	BCL2L2	0.00626538	0.9695326	1.01855	1.00855	0.1648295	1.924883	1.924883	0.0178236	2.148459	2.148459	0.0167523	1.78519	1.785189	0.0167523	1.82745	1.82745	0.0075771	0.68067	-1.46908	0.0154505	1.74806	1.74806	0.0154505	1.74806	1.74806	0.36391	1.083812	1.083812	7.54779	1.052615	0.894934	0.29022	1
cg25149155	BCL2L2	0.0458263	0.117345	1.26438	1.26438	0.149495	1.23755	1.23755	0.0020374	1.82167	1.82167	0.59805	1.07613	1.07613	0.446382	0.8984488	1.11298	0.2113366	0.833941	-1.19913	0.5111714	0.912302	-1.09613	0.879	1.02123	1.02123	0.177675	1.21842	1.21842	3.50156	1.05479	0.267765	1
cg25644380	BCL3	0.000194653	0.001975504	0.5319139	-1.87991	0.08856162	1.62304	1.62304	0.0276161	1.45635	0.4156024	1.5326	1.5326	0.0498406	1.38137	1.38137	1.38137	0.0022663	0.41286	-2.42208	0.0041955	0.301351	-3.29043	0.34526	0.860343	-1.15069	0.127674	0.788336	-1.2685	0.58506	6.11113	0.293523	1
cg27883035	BCL3	0.000609053	0.000733702	0.4115156	-2.42995	0.0017385	1.82535	1.82535	0.0024857	1.64562	0.4156024	1.53362	1.53362	0.0498406	1.67185	1.67185	1.67185	0.0022663	0.41286	-2.42208	0.0041955	0.301351	-3.31984	0.34526	0.860343	-1.15069	0.127674	0.788336	-1.2685	0.58506	6.11113	0.293523	1
cg16094954	BCL3	0.00152446	0.0677045	0.689937	-1.44941	0.0860477	0.708934	-1.41057	0.0267922	0.621409	-1.60925	0.839522	0.963897	-1.03746	0.01038372	0.556949	-1.79549	0.00512734	0.511438	-1.95527	0.000190104	3.12908	3.12908	0.280862	0.816059	-1.2254	0.145535	1.32766	1.32766	10.4309	5.43303	0.462687	1
cg20486765	BCL3	0.00109064	0.0010964	2.9864	2.9864	0.0707978	2.33168	2.33168	0.0075228	2.20781	2.20781	0.0068719	2.49015	2.49015	0.0018305	3.74216	3.74216	0.968381	1.03737	1.03737	0.0032375	1.37467	1.37467	0.0032375	1.37467	1.37467	0.89889	1.03737	1.03737	1.2787	7.49889	21.8496	2.62407	1
cg20398998	BCL3	0.00905646	0.00182748	2.343048	-4.26788	0.48106	1.26449	1.26449	0.239397	0.667856	-1.49733	0.00487766	0.294441	-3.39627	0.0375766	0.420048	-2.38068	0.742197	1.897485	-1.11422	0.26755	1.46001	1.46001	0.00484137	0.293948	-3.40196	0.172586	0.621486	1.609005	10.3726	10.3726	1.51143	1
cg06455032	BCL3	0.0105864	0.611561	1.07421	1.07421	0.0911525	0.770979	-1.29705	0.203691	0.829002	-1.20627	0.279822	0.854665	-1.17005	0.00841532	0.495608	-2.01772	0.00238159	0.553209	-1.80764	0.0136942	0.653021	-1.53134	0.87382	0.978029	-1.02246	0.811247	0.96711	-1.03401	5.80363	1.79602	0.27508	1
cg01607060	BCL3	0.00213875	0.0171736	1.367637	1.367637	0.1963214	1.36524	1.36524	0.0570728	1.84115	1.84115	0.0012865	2.24265	2.24265	0.0010839	2.04314	2.04314	0.0498417	1.48842	1.488842	0.0182052	1.42054	1.42054	0.0182052	1.42054	1.42054	0.40408	1.148842	1.148842	2.21402	1.07954	0.547459	1
cg26470501	BCL3	0.0217844	0.1757	0.644742	-1.55101	0.28716	0.713987	-1.40059	0.0352284	0.473487	-2.11199	0.0421376	0.489834	-2.04151	0.00505026	0.190255	2.52609	0.0188662	0.596706	-1.67587	0.079714	0.550458	-1.81667	0.110162	0.588173	-1.70018	0.4003314	0.769174	-1.3001	6.54034	0.672436	0.130811	1
cg11597407	BCL3	0.00258358	0.0013955	0.3185	1.00855	0.1648295	1.924883	1.924883	0.0178236	2.148459	2.148459	0.0167523	1.78519	1.785189	0.0167523	1.82745	1.82745	0.0075771	0.68067	-1.46908	0.0154505	1.74806	1.74806	0.0154505	1.74806	1.74806	0.36391	1.083812	1.083812	7.54779	1.052615	0.894934	0.29022	1
cg11459773	BCL3	0.0268156	0.313918	2.13184	2.13184	0.0137581	0.14901	0.14901	0.00257887	20.8352	20.8352	0.173042	2.86863	2.86863	0.0750003	4.2257	4.2257	0.4317424	0.5581	-1.79179	0.0109365	10.1899	10.1899	0.332989	2.06649	2.06649	0.521684	1.60327	1.60327	4.25187	35.5749	7.43723	1
cg01220257	BCL3	0.0297355	0.189956	1.62582	1.62582	0.0225139	4.34532	4.34532	0.00857958	3.23412	3.23412	0.0457768	2.21066	2.21066	0.429384	1.3317	1.3317	0.378836	0.728092	-1.37176	0.165018	1.67953	1.67953	0.0822311	1.00783	1.00783	0.106924	1.85184	1.85184	4.0997	7.9584	1.72553	1
cg16632661	BCL3;BCL3	0.00233607	0.2374072	1.184553	1.184553	0.0448295	1.38657	1.38657	0.0959885	1.0044	1.0044	0.9984381	1.0044	1.0044	0.0032215	1.98361	1.98361	0.0004724	2.76726	2.76726	0.05939	0.676289	-1.47866	0.541831	0.892704	-1.12019	0.264398	0.807509	-1.23838	9.60542	5.17101	0.475557	1
cg12182991	BCL6	1.50E-05	0.00177482	1.50381	1.50381	0.000684128	1.60895	1.60895	0.754665	0.97167	-1.02916	0.271738	1.11059	1.11059	0.00113268	1.55133	1.55133	1.80E-05	2.23226	2.23226	0.00593998	1.39074	1.39074	0.000788846	1.59071	1.59071	3.54E-07	1.8474	1.8474	36.4913	4.85763	0.118327	1
cg12359697	BCL6	0.000630006	0.001943	0.3164	0.3164	0.0707978	0.33168	0.33168	0.0075228	0.45071	0.00174	1.00174	0.0010571	0.45611	0.0018305	0.53508	0.53508	0.0032215	0.50424	0.504241	0.0032375	0.72667	0.72667	0.0032375	0.72667	0.72667	0.89889	0.963897	0.963897	0.8024466	0.15949	6.2711	0.624407	1
cg17298181	BCL6	0.00198334	0.0125484	0.565158	-1.76942	0.0009767187	2.46333	2.46333	0.518296	0.886597	-1.12791	0.308466	0.823874	-1.21378	0.258407	0.805143	-1.24202	0.0004472	2.76726	2.76726	0.05939	0.676289	-1.47866	0.541831	0.892704	-1.12019	0.264398	0.807509	-1.23838	9.60542	5.17101	0.475557	1
cg24771349	BCL6	0.00413669	0.618866	0.819213	-1.22068	0.1794939	1.76299	1.76299	0.235045	1.64032	1.64032	0.0118518	3.48775	3.48775	0.568633	0.795246	-1.25747	0.0650878	2.27862	2.27862	0.000256848	0.0911532	-10.9465	0.0821815	0.465005	-2.15051	0.356675	1.45784	1.45784	7.77329	19.4654	2.22591	1
cg08597101	BCL6	0.00598187	0.0109564	3.9864	3.9864	0.0707978	2.33168	2.33168	0.0075228	2.20781	2.20781	0.0068719	2.49015	2.49015	0.0018305	3.74216	3.74216	0.968381	1.03737	1.03737	0.0032375	1.37467	1.37467	0.0032375	1.37467	1.37467	0.89889	1.03737	1.03737	1.2787	7.49889	21.8496	2.62407	1
cg07733576	BCL6	0.00633983	0.00978485	0.513118	-1.94887	0.00185419	2.46411	2.46411	0.0467909	1.59144	1.59144	0.48796	1.15469	1.15469	0.0404901	1.52492	1.52492	0.461365	0.858069	-1.16541	0.0032707	1.02407	1.02407	0.2440392	2.62535	2.62535	0.965881	-1.03425	0.784374	1.05758	6.81284	4.50191	0.586592	1
cg00072802	BCL6	0.00254341	0.2793781	0.816997	-1.22403	0.2744777	1.31474	1.31474	0.0178236	2.148459	2.148459	0.0167523	1.78519	1.785189	0.0167523	1.82745	1.82745	0.0075771	0.68067	-1.46908	0.0154505	1.74806	1.74806	0.0154505	1.74806	1.74806	0.36391	1.083812	1.083812	7.54779	1.052615	0.894934	0.29022	1
cg03576234	BCL6	0.0136615	0.353875	0.639475	-1.56378	0.0457831	2.92502	2.92502	0.152698	2.05023	2.05023	0.353563	0.619279	-1.56426	0.298075	1.65799	1.65799	0.0428022	2.98291	2.98291	0.0543737	0.359425	-2.78223	0.325726	1.60905	1.60905	0.00107422	9.62422	9.62422	5.34265	18.5914	3.09316	1
cg01518867	BCL6	0.00194648	0.0127021	0.575137	-1.73872	0.0127495	2.17449	2.17449	0.0323753	1.83259	1.83259	0.0119965	2.55124	2.55124	0.0076966	2.70216	2.70216	0.553268	0.898418	-1.11307	0.0011717	1.37439	1.37439	0.0011717	1.37439	1.37439	0.39952	1.124623	1.124623	1.24462	0.560949	0.900319	1.11072	4.74807	2.09985	0.449101	1
cg20716987	BCL6	0.021637	0.14321	0.645487	-1.55888	0.522449	1.72005	1.72005	0.120972	0.60794	-1.64594	0.00384787	0.390473	-2.561	0.00063164	0.366724	2.72685	0.0737717	0.3259	-3.06875	0.0112753	1.62772	1.62772	0.0594923	0.299258	-3.34115	0.0127351	0.374992	1.20299	1.29796	4.57398	5.77657	1.12112	1
cg05264446	BCL6	0.0247074	0.112987	1.37292	1.27292	0.196109	1.21073	1.21073	0.604883	0.929589	-1.07574	0.292438	0.858308	-1.16508	0.98457	1.00271	1.00271	0.672739	0.9423	-1.06123	0.00238539	0.553058	-1.80813	0.07101337	1.32596	1.32596	0.05232653	1.36157	1.36157	4.3751	1.35593	0.275484	1
cg03414134	BCL6	0.0140446	0.0540464	0.561544	-1.7809	0.0208376	1.40436	1.40436	0.0982388	1.39381	1.39381	0.736377	1.39374	1.393741	0.0193606	1.62664	1.62664	0.0954059	1.62652	1.626526	0.0076275	1.32972	1.32972	0.0181616	0.619532	1.62652	0.0076275	1.32972	1.32972	1.14121	0.408123	1.25017	0.341864	4.79318	0.980388	1
cg03505583	BCL6	0.0253437	0.303955	0.47748	-2.09433	0.380492	1.84282	1.84282	?	?	?	0.000994172	0.0271207	-36.8722	0.735653	0.791243	1.26383	0.1614045	0.352266	-2.83877	?	?	0.571636	1.48495	1.48495	0.78822	0.830269	1.20443	0.96882	28.5772	5.7513	1
cg06027254	BCL6	0.0314912	0.513898	0.847411	-1.18008	0.6220663	0.975459	-1.02516	0.0314997	1.90738	1.90738	0.466438	1.20882	1.208822	0.0345241	0.51	-1.96078	0.4637111	0.626351	-1.59707	0.0034925	0.361497	-2.76628	0.4077301	1.20309	1.20309	0.6920975	1.10688	1.10688	4.6168	4.16543	0.92178	1
cg01598596	BCL6	0.0222299	0.0825773	0.54862	-1.82235	0.0457082	2.0448	2.0448	0.0942674	1.77606	1.77606	0.2154	0.76376	1.309721	0.2154	-1.54397	0.4148	0.0148509	0.392315	-2.54897	0.132151	0.602056	-1.66098	0.0667491	0.52633	-1.89995	0.981221	1.902678	-1.45378	0.37038	9.98366	6.1515	1.37261	1
cg12942328	BCL6;BCL6	0.00111603	0.0124507	1.54596	1.54596	0.180972	0.819577	-1.22014	0.141854	0.80152	-1.24763	0.0258012	0.79537	-1.29537	0.342157	1.14695	1.14695	0.0183378	1.4929	1.4929	0.00174077	0.409606	-2.44137	0.686245	0.944609	-1.05854	0.0449091	0.734382	-1.38049	11.4052	5.14466	0.27626	1
cg23655999	BCL6;BCL6	0.00700622	0.0049564	0.3373868	0.97238	0.737861	0.0000001	-1.7239	0.133868	0.0000001	-1.45217	0.0000001	0.0000001	-1.45357	0.0052366	0.0000001	1.45357	0.0000001	0.0000001	-1.45357	0.0000001	0.0000001	-1.76645	0.0000001	0.0000001	-1.45357	0.0000001	0.0000001	-1.45357	0.0000001	0.0000001	-1.45357	0.0000001	1
cg15362955	BCL6;BCL6	0.0396798	0.0069662	0.627437	-1.59379	0.241949	0.849138	-1.17767	0.100308	0.786312	-1.27176	0.2134453	0.839514	-1.19116	0.04999959	0.74197	-1.34776	0.0553036	1.33653	1.33653	0.0316048	0.71425	-1.40007	0.329558	0.874279	-1.1438	0.3780558	0.886243	-1.12836	3.69405	0.340311	0.251	1
cg00472825	BCL6;BCL6;BCL6	0.00158036	0.122185	0.79131	-1.26373	0.85053	1.02671	1.02671	0.0994661	0.776996	-1.28701	0.000346039	0.447375	-2.23526	0.00723453	0.616173	-1.62292	0.0509044	0.740101	-1.35117	0.0143986	1.54437	1.54437	0.0079201	0.972098	-1.0287	0.0005174	0.904187	-2.11335	10.3231	3.1919	0.274843	1
cg19198148	BCL6;BCL6;BCL6	0.0182519	0.00733878	0.356867	-2.80216	0.0176785	0.423042	-2.36383	0.0143545	0.406612	-2.45935	0.130404	0.463156	-2.16026	0.0011705	0.420157	2.38006	0.299148	0.725551	-1.37826	0.225047	0.683926	-1.46215	0.401434	1.29181	1.29181	0.00595978	0.342339	0.92108	4.85238	0.83104	0.125135	1
cg13492652	BCL6B	0.00255972	0.0246208	2.7144	2.7144	0.0786748	0.435001	-2.29885	0.114665	2.07772	2.07772	0.0525439	2.55876	2.55876	0.000461531	0.0954462	-10.4771	0.447809	1.39061	1.39061	0.0504278	2.58675	2.58675	0.007686063	0.233715	-4.27871	0.08698883	2.23803	2.23803	8.96947	25.8079	2.55761	1
cg00642120	BCL6B	0.0155553	0.0252979	1.6566	1.6566	0.1597	2.028075	2.028075	0.0178236	2.148459	2.148459	0.0167523	1.78519	1.785189	0.0167523	1.82745	1.82745	0.462287	0.702108	-1.42424	0.2413454	1.56068	1.56068	0.0076275	1.32972	1.32972	0.36391	1.083812	1.083812	7.54779	1.052615	0.894934	0.29022	1
cg05560728	BCL6B	0.0203523	0.00351665	0.306185	-3.266	0.176077	0.601633	-1.66214	0.0147575	0.467076	-2.45296	0.526316	1.21166	1.21166	0.3189001	0.7447	-1.34282	0.676016	0.881897	-1.13392	0.582947	1.18037	1.18037	0.0034385	0.304845	-3.28035	0.642069	0.869379	-1.15025	4.67671	0.623312	1.25888	1
cg00707814	BCL6B	0.0244829	0.167814	1.56457	1.56457	0.1914375	1.25662	1.25662	0.0178236	2.148459	2.148459	0.0167523	1.78519	1.785189	0.0167523	1.82745	1.82745	0.0075771	0.68067	-1.46908	0.0154505	1.74806	1.74806	0.0154505	1.74806	1.74806	0.36391	1.083812	1.083812	7.54779	1.052615	0.894934	0.29022	1
cg10137837	BCL6B	0.0494967	0.0240476	0.04178	5.04178	0.024338	5.01898	5.01898	0.112473	2.82551	2.82551	0.0994842	2.96056	2.96056	0.217438	2.18148	2.18148	0.0994497	0.96095	-1.04095	0.659008	0.765711	-1.30598	0.0182014	5.6036	5.6036

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(123T vs. N)	Fold-Change(1 vs.123T)	p-value(347T vs. N)	p-value(347T vs. 347T)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. 537T)	Fold-Change(5 vs.537T)	p-value(563T vs. N)	Fold-Change(5 vs.563T)	F(Error
cg04071770	BCOR;BCOR;BCOR;BCOR	0.0172405	0.2604848	1.492021	1.445921	1.00453133	0.2717798	-1.67921	0.17503	0.6684645	-1.64348	0.1112152	0.5502152	-1.81768	0.00427951	0.268135	0.2734747	0.149956	1.71199	1.71199	0.15316	1.69367	1.69367	0.9335592	1.022912	1.022912	0.4477156	-1.30587	4.94617	9.29388	1.67023	1
cg24508310	BCOR;BCOR;BCOR;BCOR	0.0178533	0.1874048	0.6591108	-1.5172	0.269555	0.7096507	-1.40923	0.250727	0.6990017	-1.43058	0.3899075	0.7688272	-1.30061	0.00516474	0.332304	0.3009929	0.026683	2.18915	2.18915	0.0200446	2.30986	2.30986	0.288589	1.719862	-1.38916	0.0701048	0.546532	-1.82972	4.88856	6.892224	1.25322	1
cg09368035	BCOR;BCOR;BCOR;BCOR	0.0204283	0.146784	0.5535593	-1.80638	0.352043	1.438558	1.438558	0.603147	1.22038	1.22038	0.208268	0.604257	-1.65492	0.06845448	0.460918	-2.16958	0.114896	1.91742	1.91742	0.00449194	0.2373112	-4.21387	0.0051057	0.245347	-4.07585	0.5030551	0.772254	-1.29443	4.67078	10.666	2.02982	1
cg26489179	BCOR;BCOR;BCOR;BCOR	0.0272213	0.5098865	1.30096	1.30096	0.01406062	0.3029375	-3.30061	0.0534403	0.42174	-2.37113	0.01458328	0.306076	-3.26716	0.01006335	0.282477	-3.54011	0.894089	0.948028	-1.05381	0.9193558	1.08769	2.06659	0.5702866	0.797895	-1.2533	0.77036	0.8011932	-1.12209	4.22953	10.3754	2.18052	1
cg11304846	BCOR1	0.00371752	0.202619	0.738643	-1.35383	0.00423846	0.2842382	-3.5164	0.10123	0.667528	-1.49806	0.070823	0.6349095	-1.57556	0.00246452	0.25572	-3.91052	0.063601	0.625194	-1.5995	0.615691	1.12073	1.12073	0.2190042	0.747431	-1.33792	0.0768023	0.641967	-1.55771	8.027141	6.44846	0.714049	1
cg01280366	BCOR1	0.00473853	0.0102348	0.3776727	-2.64812	0.5926311	1.175421	1.175421	0.7170642	0.9050738	0.328073	-1.04812	0.00643694	0.3443247	-2.90405	0.000303753	0.1710315	-5.84743	0.205569	0.66914	-1.49446	0.0123313	0.4424498	-2.26036	0.3674406	0.7568878	-1.32122	0.6648544	0.5359113	-1.865898	7.45972	10.69132	1.27419	1
cg24490154	BCOR1	0.00861855	0.029032	1.71313	1.71313	0.03962144	0.607887	-1.64509	0.102005	0.6876871	-1.45415	0.8421227	0.95914	-1.0426	0.000397203	0.3074118	-3.2529	0.523348	1.14489	1.14489	0.177223	0.73818	-1.35468	0.713423	1.08022	1.08022	0.1886545	0.747237	-1.33826	6.19682	4.29508	0.6160998	1
cg19427141	BCOR1	0.0136311	0.118876	0.5010647	-1.98552	0.00201522	0.119604	-7.16314	0.0288994	0.3523911	-2.83776	0.701526	1.56887	1.56887	0.01753998	0.309986	-3.22505	0.287755	0.639401	-1.56396	0.00708129	0.2512775	-3.9797	0.0261169	0.343178	-2.91394	0.2102661	0.585768	-1.70716	5.34887	13.9087	2.31139	1
cg05773981	BCR;BCR	0.00395888	0.0513595	0.382108	-2.61706	0.276972	1.63289	1.63289	0.109447	2.31516	2.31516	0.528559	1.31902	2.004781	0.00748157	0.224646	-4.45145	0.0574916	2.53874	2.53874	0.00626026	0.78501	-1.27393	0.0364493	0.343388	-2.87036	0.4050135	0.737863	-1.35526	7.87698	23.4621	2.64761	1
cg00919591	BCR;BCR	0.00477613	0.0378348	0.3313312	-3.0183	0.153689	2.0151	2.0151	0.0127121	4.13878	4.13878	0.455559	1.41711	1.41711	0.0934542	0.428987	-2.33107	0.865631	1.08078	1.08078	0.0050015	0.49509	0.49509	0.00222851	0.140178	-7.1338	0.122494	0.464081	-2.15479	7.4418	24.8003	2.96228	1
cg08267588	BCR;BCR	0.00888518	0.7493022	0.948844	-1.05391	0.6407076	0.95512	-1.08776	0.1997441	0.8656	-1.15234	0.03162044	0.2849242	-1.47017	0.0139172	0.117274	-1.32105	0.128174	1.30883	1.30883	0.00751437	0.26843	-3.72483	0.624024	0.922316	-1.0842	0.4245442	1.14278	1.14278	6.13732	2.60315	0.3770231	1
cg01950479	BCR;BCR	0.0241657	0.584524	1.12164	1.123804	0.133802	1.67402	1.67402	0.8817385	0.6696633	-1.49336	0.0436178	0.61738	-1.61975	0.4641101	0.8564994	-1.16755	0.632649	1.1053	1.1053	0.0998522	0.59015	-1.69435	0.453426	1.17207	1.17207	0.0355428	0.601261	-1.66313	4.40788	3.01774	0.6084617	1
cg04028010	BCR;BCR	0.0347276	0.1809907	0.737431	-1.3747	0.6480227	0.9113318	-1.09731	0.0834556	1.536221	1.53622	0.8259872	0.951829	-1.05061	0.229328	0.753761	-1.326868	0.315972	0.7927	-1.26151	0.00115765	0.3431194	-2.9118	0.0930256	0.974776	-1.02588	0.136811	0.6988304	-1.43204	3.878308	3.08376	0.7068225	1
cg25555137	BCR;BCR;BCR;BCR	0.0177789	0.5962792	-1.01287	0.0478797	0.499738	-2.00105	0.1554767	1.69209	1.69209	0.665577	0.8752224	-1.14256	6.72E-05	0.0001	0.0001	-8.38083	0.586592	1.845031	-1.18339	0.753076	1.10162	1.10162	0.00117206	0.232059	-4.30925	0.0585944	0.519334	-1.92554	9.97747	14.861	1.32396	1
cg12406417	BCR;BCR;BCR;BCR	0.0066641	0.0701179	0.7560222	-1.32271	0.4145533	1.122111	1.122111	0.204753	1.20301	1.20301	0.00463052	0.59431	-1.68262	0.277336	1.16880	1.16880	0.033674	0.710228	-1.408	0.0108168	0.6482653	-1.55605	0.002128	0.520023	-1.92299	0.613109	0.0931993	-1.07297	6.19776	2.029977	0.2686021	1
cg22781546	BCS1L;BCS1L	0.00358258	0.0042153	0.3518844	-2.84164	0.0937876	0.481867	-2.07526	0.0109647	0.5915951	-1.69034	0.168859	0.591529	-1.68438	0.1882824	0.144229	0.745876	-1.34071	0.0497354	0.658117	-1.51949	0.00289825	0.4851194	-2.14964	0.0363743	0.6346377	-1.5757	0.00840035	0.5329913	-1.87652	8.116093	4.49109	0.4918822	1
cg04970994	BCS1L;BCS1L	0.0255529	0.595908	0.9180711	-1.08924	0.3586844	0.8600666	-1.1627	0.82417	1.03618	1.03618	0.508782	1.113	1.113	0.136073	0.773726	-1.29245	0.092842	0.744279	-1.34358	0.235953	1.2194	1.2194	0.216587	0.812474	-1.23081	0.000695313	0.437606	-2.28516	4.32417	1.74704	0.359126	1
cg24663569	BCYRN1	4.48E-07	7.47E-06	2.66261	2.66261	1.45E-07	0.1940054	-5.14393	1.72E-06	1.864972	2.36E-05	-3.28405	0.000193545	1.864731	1.86E-07	2.36E-05	-4.23218	0.000537145	1.70719	1.70719	0.0128127	1.95939	1.95939	0.0010926	1.23549	1.23549	0.001673313	1.5626	1.5626	89.9659	14.0552	0.13887	1
cg05889382	BCYRN1	1.61E-05	3.75E-05	2.1803663	-2.55321	7.09E-06	0.3087795	-1.2184	0.00290249	0.55654	-1.79682	0.000260257	0.491206	-2.01581	2.13E-06	0.252204	-3.96504	0.0934038	1.24469	1.24469	0.856019	0.9787333	-1.02171	0.000973035	0.559431	-1.78753	0.0376445	0.751714	-1.33029	15.82775	7.94849	0.1197204	1
cg02971992	BCYRN1	0.000103219	0.3882013	1.21408	1.21408	0.0216687	0.546238	-1.8307	0.000223094	0.2598111	-3.84895	0.182987	0.733488	-1.36335	2.74E-06	0.0845625	-11.8256	0.583118	1.12928	1.12928	0.0544516	1.61388	1.61388	0.177989	1.36883	1.36883	0.940409	1.01653	1.01653	21.9537	16.7292	0.677354	1
cg07550694	BCYRN1	0.00304233	0.623581	0.919742	-1.18726	3.94E-05	0.264453	-1.78142	0.00415112	0.522105	-1.91532	0.182929	0.787398	-1.27001	5.25E-05	0.278536	-3.59221	0.204067	0.797162	-1.25445	0.0762488	1.39601	1.39601	0.337459	1.18205	1.18205	0.101161	0.738155	-1.35473	15.8414	7.17693	0.402711	1
cg12883424	BCYRN1	0.00114989	0.202914	0.738232	-1.35459	0.656467	0.903861	-1.10636	0.000560644	0.298815	-3.34655	0.104663	0.669837	-1.4929	0.000168883	0.235748	-4.24182	0.526694	1.15585	1.15585	0.0026366	0.391136	-2.55665	0.0557053	1.63151	1.63151	0.19269	1.3652	1.3652	11.3085	9.13078	0.71771	1
cg04751198	BCYRN1	0.00226008	0.0676099	0.579515	1.57075	0.00855878	0.418514	-2.38941	0.0073264	0.3455	-2.89545	0.0135324	0.5132	-1.94747	0.00121147	0.2314717	-4.32042	0.3688322	1.22603	1.22603	0.0316766	0.8155	-1.22603	0.1726476	0.8602055	1.16255	0.0766892	0.5731223	0.0333394	0.577819	-1.73065	8.59372	12.75355	1.68471	1
cg02934226	BCYRN1	0.00964643	0.00146033	0.28328	-3.53008	0.0326213	0.503468	-1.98623	0.0159121	0.444736	-2.24852	0.17542	0.673386	-1.48503	0.000990824	0.261081	-3.83023	0.153342	0.657315	-1.52134	0.687877	0.89509	-1.11721	0.05998514	0.558583	-1.79025	0.0525299	0.546091	-1.8312	5.97897	7.13183	1.06028	1
cg16211077	BCYRN1	0.0274863	0.524444	1.33608	1.33608	0.1174267	0.272472	-3.6701	0.0235217	0.296678	-3.37066	0.612346	0.794906	-1.25801	0.005960951	0.198984	-5.02553	0.113697	2.1664	2.1664	0.323783	1.58052	1.58052	0.170246	0.518881	-1.92722	0.3668202	0.659384	-1.51657	4.25116	13.4696	2.84046	1
cg24979179	BCYRN1	0.00193442	0.7772301	1.20234	1.20234	0.175021	0.918339	-2.55207	0.1113705	0.59085	-1.69285	0.168825	0.6432251	-1.55481	0.2081	0.2662	-3.75652	0.3739272	1.48601	1.48601	0.2245135	0.29027	0.29027	0.78263	0.8355575	-1.19678	0.6297778	0.729438	-1.37092	4.42399	27.5210	5.93928	1
cg08699828	BCYRN1;ACRC	0.0182949	0.0750659	0.2450886	-4.0802	0.0151602	0.120475	-8.30049	0.610648	0.6947224	-1.43942	0.958075	1.03799	1.03799	0.0211579	0.139985	-7.14361	0.0689991	0.236116	-4.2352	0.00352641	0.0604432	-16.5475	0.35992	0.512889	-1.94974	0.135445	0.319347	-3.13139	3.74253	29.8257	7.08391	1
cg10104771	BCYRN1;ACRC;ACRC	0.00689587	0.558152	1.244721	1.244721	0.8671586	0.1940054	-1.16381	0.00203309	0.19463	-5.13794	0.132852	0.291274	-1.44663	0.000655304	0.143659	-6.9094	0.0005375	1.70719	1.70719	0.0128127	1.95939	1.95939	0.0010926	1.23549	1.23549	0.001673313	1.5626	1.5626	89.9659	14.0552	0.13887	1
cg16628997	BCYRN1;ACRC;ACRC	0.0243955	0.561442	0.935028	-1.06949	0.843887	0.977695	-1.02281	0.0167002	0.71585	-1.39694	0.441475	1.09396	1.09396	0.1739772	0.937591	-1.06656	0.0563441	1.28048	1.28048	0.0019445	1.65115	1.65115	0.75386	1.964651	-1.03664	0.697242	1.04573	1.04573	4.39443	0.911079	0.184289	1
cg03536800	BCYRN1;CXCR3;CXCR3	5.26E-05	0.647309	0.910518	-1.09828	6.68E-06	0.130484	-7.66376	0.000961966	0.367683	-2.71974	0.820773	0.954871	-1.04726	1.09E-05	0.148308	-6.74275	0.417085	1.18385	1.18385	0.00938964	1.95466	1.95466	0.618746	1.10749	1.10749	0.2772264	0.794571	-1.25854	26.2729	17.2328	0.583034	1
cg08443314	BCYRN1;CXCR3;CXCR3	0.0381115	0.72488	0.919742	-1.18726	3.94E-05	0.264453	-1.78142	0.00415112	0.522105	-1.91532	0.182929	0.787398	-1.27001	5.25E-05	0.278536	-3.59221	0.204067	0.797162	-1.25445	0.0762488	1.39601	1.39601	0.337459	1.18205	1.18205	0.101161	0.738155	-1.35473	15.8414	7.17693	0.402711	1
cg03554892	BCYRN1;GIB1	9.05E-05	0.895114	0.982012	-1.01832	0.413134	1.12203	1.12203	4.62E-05	0.346285	-2.88289	0.000111678	0.392657	-2.54675	1.38E-05	0.286524	-3.4901	0.224959	1.19172	1.19172	0.0935138	1.28897	1.28897	0.450041	1.11173	1.11173	0.200382	0.830162	-1.20458	22.7412	6.8209	0.26661	1
cg16537859	BCYRN1;GIB1;GIB1	0.0588312	0.5708009	1.157075	1.157075	0.0855878	0.418514	-2.38941	0.0073264	0.3455	-2.89545	0.0135324	0.5132	-1.94747	0.00316617	0.230536	-4.34007	0.7353565	1.04807	1.04807	0.7105476	0.9642433	0.9642433	0.7905557	0.9217304	1.084795	0.6042947	0.9642433	0.7779819	-1.38796	3.184772	7.73977	2.43253	1
cg25220668	BCYRN1;GIB1	0.00133853	0.54827	1.17118	1.17118	0.3318555	0.770737	-1.29746	0.00923956	0.423421	-2.36171	0.000218326	0.201223	-4.96961	0.000315098	0.219032	-4.56555	0.0656171	1.71159	1.71159	0.394773	0.79715	-1.25447	0.63115	0.88177	-1.13408	0.08080642	0.413154	-2.42041	10.8281	11.6028	0.952484	1
cg04886769	BCYRN1;GIB1	0.0187113	0.125635	0.45778	-2.18446	0.03710715	0.319487	-3.13002	0.40296	0.667976	-1.49706	0.303955	0.605358	-1.65191	0.00560197	0.180021	-5.55494	0.409785	0.672057	-1.48797	0.00593187	0.183155	-5.4551	0.0223341	0.275083	-3.63527	0.1935	0.522745	-1.91208	3.727273	13.1218	3.32894	1
cg25549758	BCYRN1;GIB1;GIB1	0.0002727288	0.628344	1.20234	1.20234	0.183619	1.02133	1.02233	2.34E-05	0.295582	-3.37677	0.000562348	0.491206	-2.24964	0.000321015	0.240102	-4.16493	0.368322	1.22603	1.22603	0.0316766	0.8155	-1.22603	0.1726476	0.8602055	1.16255	0.0766892	0.5731223	0.0333394	0.577819	-1.73065	8.59372	12.75355	1.68471	1
cg23646109	BCYRN1;GIB1;GIB1	0.00701267	0.00293294	0.202341	-4.94216	0.00306926	0.151017	-6.62176	0.0276999	0.361411	-2.76693	0.490134	0.760243	-1.31537	0.0324542	0.375662	-2.66196	0.694813	0.857112	-1.16671	0.00465462	0.229529	-4.35674	0.3168444	1.49877	1.49877	0.214397	0.599815	-1.66718	6.61139	16.0115	2.15271	1
cg27608084	BCYRN1;GIB1;GIB1	0.01864393	0.08595129	0.2918351	-3.42677	0.0247907	0.354767	-2.81948	0.0502867	0.384556	-2.60133	0.0717301	0.5238	-1.90907	0.00117441	0.199322	-5.01684	0.0745604	0.275494	-3.62984	0.0197934	0.1002509	0.4417755	-2.26463	0.0115534	0.1602403	-6.24257	0.0603151	0.3784114	-2.64262	0.3781111	1.12042	1.12042	0.5738111	0.8842	1.132432	1.13242	0.9295	1
cg02495057	BCYRN1;GIB1;GIB1	0.0494691	0.0975459	0.3456444	-2.89315	0.00421029	0.1065	-9.38972	0.0514074	0.273631	-3.65456	0.290146	0.52649	-1.89937	0.03786656	0.24489	-4.08347	0.0769772	0.136903	-3.01556	0.0661896	0.299938	-3.33402	0.128313	0.382662	-2.61327	0.593399	1.37014	1.37014	3.4019	18.3973	4.80706	1
cg11307741	BCYRN1;INGX	0.0223141	0.745893	0.937361	-1.06682	0.00197517	0.419091	-2.38612	0.0720306	0.670669	-1.49105	0.0360522	0.62429	1.62429	0.539244	0.883679	-1.13163	0.0689991	0.236116	-4.2352	0.00352641	0.0604432	-16.5475	0.35992	0.512889	-1.94974	0.135445	0.319347	-3.13139	3.74253	29.8257	7.08391	1
cg23811592	BCYRN1;INGX	0.0472241	0.00997512	0.2418583	-4.13615	0.0147706	0.196374	-5.09403	0.0359007	0.394565	-2.53711	0.376479	0.616379	-1.62211	0.0001	0.0001	-8.38083	0.586592	1.845031	-1.18339	0.753076	1.10162	1.10162	0.00117206	0.232059	-4.30925	0.0585944	0.519334	-1.92554	9.97747	14.861	1.32396	1
cg16239696	BCYRN1;TAF1;TAF1	0.00797805	0.0190288	0.556062	-1.79836	0.0100635	0.51164	-1.9545	0.00119935	0.374907	-2.66733	0.0140588	0.534326	-1.87512	0.00321374	0.435473	-2.29635	0.0383746	0.68094	-1.4422	0.788475	0.105717	0.05717	0.8515712	0.952882	-1.04945	0.161867	0.734337	-1.36177	6.34964	4.29786	0.601659	1
cg19688321	BCYRN1;ZMYM3	0.0374807	0.00751383	0.2842604	-4.13615	0.0147706	0.196374	-5.09403	0.0359007	0.394565	-2.53711	0.376479	0.616379	-1.62211	0.0001	0.0001	-8.38083	0.673884	1.16742	1.16742	0.16949	0.5767237	0.5767237	0.3907733	0.5506575	0.6567772	0.831941	-1.20201	1.37206	7.88347	1.88347	1
cg03131527	BDH1	0.0173922	0.375565	1.21171	1.21171	0.1630644	0.730236	-1.36942	0.00723462	0.481043	-2.07882	0.138174	0.73185	-1.40086	0.8364644	1.04641	1.04641	0.385185	1.20683	1.20683	0.0038463	2.27632	2.27632	0.344627	1.2282	1.2282	0.101418	1.4604	1.4604	4.93168	3.48271	0.627726	1
cg15012678	BDH1	0.0180606	0.0183074	0.3271381	-3.05924	0.0138482	0.665426	-1.5028	0.0148481	0.346063	-2.88896	0.0024651	0.346063	-2.88896	0.0024651	0.346063	-2.88896	0.0088655	0.219535	-4.55329	0.00290463	0.1034843	-9.66731	0.0011944	0.1318466	-7.58504	0.0016863	0.5273737	-1.8962	0.0712749	0.309666	-3.22909	0.4863	15.9812	2.91753	1
cg03126931	BDH1	0.0234198	0.00342127	0.1909894	-5.23852	0.336768	1.5104	1.5104	0.061478	0.645956	-2.4401	0.0090148	0.6201071	-1.47936	0.0001	0.0001	-8.38083	0.0914291	0.461186	-2.16832	0.0594066	0.4122282	-2.42532	0.8989878	0.94894	-1.05381	0.561196	0.782989	-1.27716	4.46596	12.2379	2.44071	1
cg00456086	BDH1;BDH1;BDH1	0.000817537	0.0191356	0.69551	-1.43779	6.17E-05	2.57607	2.57607	0.302438	1.14661	1.14661	0.140914	1.22485	1.22485	0.782995	0.96526	-1.03599	0.345225	0.882937	-1.13258	0.177348	0.83226	-1.20155	0.102872	0.795701	-1.25675	0.00120975	0.545026	-1.83477	12.4558	3.23553	0.230898	1
cg05089554	BDH1;BDH1;BDH1	0.000731301	0.0003103	0.180258	-5.54762	0.1153311	0.605497	-1.65154	0.0350342	0.486788	-2.05428	0.356979	0.757575	-1.32	0.0005745	0.249916	-4.13383	0.0014098	0.258032	-3.8755	0.0077942	0.3674573	-2.72129	0.07064	0.553204	-1.80795	0.0247803	0.456957	-2.18839	8.74171	11.8902	1.32004	1
cg20586210	BDH1;BDH1;BDH1	0.00932667	0.0180347	0.595332	-1.67974	0.241792	1.24755	1.24755	0.721941	1.06663	1.06663	0.0211236	0.606177	-1.64968	0.0149529	0.582639	-1.71633	0.0122984	0.569577	-1.75569	0.0186215	1.67359	1.67359	0.0219038	0.608684	-1.64289	0.498969	0.883461	-1.13191	6.04352	3.19149	0.458819	1
cg00009014	BDH1;BDH1;BDH1	0.00962988	0.348207	0.8451	-1.17938	0.7239079	0.948407	-1.05431	0.0366817	0.668167	-1.49663	0.0062251	0.808223	1.808223	0.0461609	0.642219	-1.46152	0.0178562	0.619873	-1.61323	0.159727	0.795564	-1.25646	0.143237	1.29862	1.29862	0.00734909	0.560725	-1.78341	5.98224	2.61408	0.388421	1
cg25527076	BDH1;BDH1;BDH1	0.107702	0.8095874	1.2352	1.2741	0.872028	-1.14675	0.515912	0.923436	-1.08291	0.617664	0.941241	-1.06243	1.178165	0.841851	-1.18796	0.74614	0.961667	-1.03986	0.000466584	1.33887	1.93887	0.0437189	1.32178	1.32178	0.553589	1.07477	1.07477	5.63173	1.29148	0.203842	1
cg16377923	BDH1;BDH1;BDH1	0.0445089	0.126225	0.758384	-1.31859	0.00249918	0.201817	2.01817	0.774345	1.04923	1.04923	0.626763	1.08537	1.08537	0.9776137	1.0047	1.0047	0.314929	1.18972	1.18972	0.0266132	1.55157	1.55157	0.4636555	0.882766	-1.1328	0.7727171	1.0496	1.0496	14.5043	1.5668	0.393419	1
cg02702614	BDH1;BDH1;BDH1;BDH1;BDH1	0.0173087	0.4684225	0.8098319	-1.23493	0.2207121	1.39982	1.39982	0.2423216	1.4733	1.4733	0.2130474	1.05077	1.05077	0.6804441	1.03315	1.03315	0.178001	1.47633	1.47633	0.0130744	1.26611	1.26611	0.6084557	1.0455	0.9938744	1.26616	1.26616	0.3496662	1.13127	1.13127	4.60602	1.0866	0.231064	1
cg03276883	BDH2	0.00349453	0.0059922	0.105388	-9.4887	0.000894682	0.0446578	-22.3925	0.0281372	0.197759	-5.05665	0.400503	0.58396	-1.71245	0.00668369	0.110883	-9.01852	0.3434661	0.838685	-1.19234	0.00533032	1.93255	1.93255	0.0013891	0.5997437	-1.00257	0.9973184	0.1011936	1.011936	5.14133	2.60739	0.45344	1
cg02314188	BDH2;BDH2	0.0382852	0.0130388	0.4636305	-2.29197	0.0370709	0.191918	1.91918	0.128436	1.55659	1.55659	0.603181	0.868514	-1.15139	0.0231309	0.576908	-1.31631	0.433612	2.0406	2.0406	0.0594066	0.4122282	-2.16447	0.961983	0.987247	-1.01292	0.498404	1.2033	1.2033	4.78288	4.29832	1.0208	1
cg23864202	BDKRB1	0.0355946	0.0169518	0.2830119	-3.53334	0.1443196	0.506829	-1.97305	0.0179217	0.287389	-3.47961	0.317157	0.638777	-1.56549	0.0171589	0.283967	-3.52153	0.52919	0.758582	-1.31825	0.0120595	0.2574567	-3.884	0.0181958	0.288591	-3.46512	0.0631883	0.404255	-2.47368	3.8436	11.4361	2.64476	1
cg03447654	BDKRB1	0.0174114	0.0348861	0.5010647	-1.98552	0.0075709	0.159875	-6.19242	0.0276761	0.354574	-2.82029	0.156734	0.646788	-1.54632	0.0001	0.0001	-8.38083	0.36702	0.548141	-1.82435	0.0313534	0.1176519	-8.50206	0.104165	0.151581	-6.59646	0.0262243	0.180722	-5.53337	3.78561	25.233	6.92583	1
cg13965707	BDKRB1	0.0179683	0.0190752	0.12664	1.02664	0.0088349	0.128502	2.18502	0.0423915	0.578055	-1.72994	0.799534	0.94208	-1.06148	0.1703154	1.40833	1.40833	0.168024	1.41127	1.41127	0.0135631	2.04674	2.04674	0.843704	1.04737	1.04737	0.493285	0.849479	-1.17719	3.75428	3.26882	0.773947	1
cg01294240	BDKRB2	0.000376832	0.0003376827	0.1203146	-8.31025	0.0170234	0.376534	-2.65564	0.0107762	0.441547	-2.26492	0.0115187	0.441547	-2.26492	0.0115187	0.441547	-2.26492	0.0047598	0.37217	-2.68665	0.0078222	0.3572127	-2.80005	0.7076146	0.078822	-12.6868	0.0007579	0.4292233	-2.35165	0.0231855	0.3467	7.22863	2.88375	0.761782	1
cg06616512	BDKRB2	0.00178594	0.0220547	0.493331	-2.02704	0.00497307	0.38409	-2.60356	0.00014912	0.186951	-5.349	0.00250586	0.339437	-2.94605	0.00552472	0.39123	-2.55604	0.504362	0.840004	-1.19047	0.000981134	0.2832298	-3.52985	0.0656871	0.587702	-1.70154	0.129977	1.656443	-1.52336	9.96443	10.4513	0.932319	1
cg09010499	BDKRB2	0.0020985

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12112543	BDP1	0.0230195	0.0123131	0.658524	-1.51855	0.00401735	0.5957	-1.6787	0.685053	1.05617	1.05617	0.00971614	0.645078	-1.5502	0.194009	0.831796	-1.20222	0.400767	0.891126	-1.12218	0.13134	0.803872	-1.24398	0.0136792	0.664532	-1.50482	0.816022	0.969247	-1.03173	4.48355	1.27546	0.252868	1
cg24804705	BDP1	0.0254699	0.854323	1.02792	1.02792	0.68302	0.940333	-1.06345	0.0163181	1.55273	1.55273	0.962274	0.992937	-1.00711	0.0316049	0.68547	-1.45885	0.432374	1.12757	1.12757	0.0906236	0.756266	-1.32229	0.00497129	1.74579	1.74579	0.486955	1.11164	1.11164	4.32908	1.53948	0.316102	1
cg08082943	BDP1	0.0323213	0.0229796	0.52246	-1.91402	0.267876	0.759202	-1.31717	0.420716	0.821725	-1.21695	0.516166	0.854585	-1.17016	0.00131395	0.327541	-3.05306	0.568971	1.14729	1.14729	0.204913	1.37613	1.37613	0.255622	0.753313	-1.32747	0.363435	0.800157	-1.24975	3.97961	3.59109	0.802107	1
cg12277495	BEAN	0.000509186	0.938638	0.964414	-1.0369	0.000125271	23.2153	23.2153	0.00162345	8.37879	8.37879	0.0021404	7.61205	7.61205	0.383604	0.656735	-1.52268	0.279547	1.69737	1.69737	0.228067	1.81383	1.81383	8.20E-05	28.24	28.24	0.00605592	5.40375	5.40375	14.2185	49.8795	3.11828	1
cg07660473	BEAN	0.000864118	0.364057	1.30265	1.30265	0.0391795	1.96697	1.96697	0.00784999	0.380221	-2.63005	0.238262	1.41929	1.41929	0.000161549	0.161084	-6.20795	0.000475667	0.211156	-4.73583	0.0788175	1.73893	1.73893	0.541725	1.19136	1.19136	0.0921883	0.591305	-1.69117	12.2628	15.6056	1.1312	1
cg04542433	BEAN	0.00439927	0.0139754	1.61388	1.61388	0.0206812	1.55166	1.55166	0.462847	0.888841	-1.12506	0.495039	0.896509	-1.11544	0.00219293	1.96844	1.96844	0.0150271	1.6021	1.6021	0.00642897	1.74874	1.74874	0.00290307	1.9068	1.9068	0.00691566	1.73532	1.73532	7.62992	3.00443	0.350018	1
cg08827358	BEAN	0.00451209	0.757819	1.06754	1.06754	0.00313781	2.34751	2.34751	0.0227577	1.77899	1.77899	0.00135135	2.67416	2.67416	0.331656	1.23572	1.23572	0.278253	1.26903	1.26903	0.244541	0.773165	-1.29339	0.000687741	2.99015	2.99015	0.164387	1.36822	1.36822	7.57155	5.35512	0.628683	1
cg04253697	BEAN	0.0119433	0.134728	1.31176	1.31176	0.129305	1.31759	1.31759	0.00621733	0.548671	-1.82259	0.873127	1.02726	1.02726	0.37705	0.858529	-1.16478	0.115746	1.33337	1.33337	0.0019517	2.0899	2.0899	0.60255	1.09244	1.09244	0.167982	0.78093	-1.28053	5.58207	2.50356	0.398668	1
cg10413464	BEAN	0.020217	0.554475	0.88873	-1.1252	0.778392	0.945857	-1.05724	0.00272443	0.441958	-2.26266	0.459635	0.861961	-1.16014	0.216236	0.773558	-1.29273	0.617258	0.905374	-1.10452	0.00725911	1.98043	1.98043	0.245882	0.787061	-1.27055	0.0438505	0.633145	-1.57942	4.68733	2.88984	0.548019	1
cg02450164	BEAN	0.0207035	0.0236158	0.410937	-2.43346	0.00709556	3.14125	3.14125	0.0808794	0.52891	-1.89068	0.534765	0.813133	-1.22981	0.0719837	0.516393	-1.93651	0.525522	0.809219	-1.23576	0.0905203	1.84726	1.84726	0.0760399	1.91483	1.91483	0.884348	1.04906	1.04906	4.64953	7.9733	1.52432	1
cg08288561	BEAN	0.0303074	0.595792	1.30187	1.30187	0.0363147	3.31755	3.31755	0.0563547	2.90001	2.90001	0.0538923	2.93994	2.93994	0.536549	0.734635	-1.36122	0.304759	1.68824	1.68824	0.0130664	4.5588	4.5588	0.00328673	7.19715	7.19715	0.0714767	2.69617	2.69617	4.07205	15.6588	3.41817	1
cg27485402	BEAN	0.0359781	0.400786	1.36332	1.36332	0.130305	1.80189	1.80189	0.200152	1.62855	1.62855	0.08123	2.00683	2.00683	0.0226097	2.67457	2.67457	0.0136859	3.00035	3.00035	0.0136108	3.00418	3.00418	0.00643885	3.5856	3.5856	0.0666973	2.0978	2.0978	3.82868	7.87436	1.82816	1
cg06256596	BEAN	0.0407872	0.0401376	0.371005	-2.69538	0.450012	0.724822	-1.37965	0.674158	0.837943	-1.1934	0.0321863	0.350294	-2.85474	0.00810385	0.242319	-4.12679	0.0224707	0.318844	-3.13633	0.102941	0.474301	-2.10837	0.0144677	0.283685	-3.52503	0.0762883	0.438419	-2.28093	3.65676	10.1241	2.46099	1
cg02685286	BECN1	7.91E-10	1.11E-09	0.248966	-4.01662	0.00154335	0.812923	-1.23013	0.0113028	0.865654	-1.1552	0.00274408	1.2068	1.2068	2.22E-05	0.679065	-1.47261	2.69E-07	0.500289	-1.99885	2.93E-09	3.42299	3.42299	2.48E-10	5.35668	5.35668	0.0662796	0.910579	-1.0982	444.816	14.5691	0.0291139	1
cg16225441	BECN1	0.000107686	0.435181	0.948505	-1.05429	0.000477927	1.43912	1.43912	0.00110487	1.37618	1.37618	0.317061	1.07109	1.07109	0.00370511	1.29744	1.29744	0.0276824	1.18868	1.18868	1.47E-05	0.549955	-1.81833	0.270354	0.926623	-1.07919	0.00784666	1.25425	1.25425	21.706	1.51577	0.0620725	1
cg21295398	BECN1	0.0172817	0.732449	0.939921	-1.06392	0.206009	1.27234	1.27234	0.23703	0.799574	-1.25067	0.751881	1.05894	1.05894	0.280201	0.816541	-1.22468	0.693554	1.07412	1.07412	0.000361393	2.80849	2.80849	0.185845	1.28823	1.28823	0.305667	1.21107	1.21107	4.94222	2.55169	0.458938	1
cg11738719	BECN1	0.0220972	0.0298415	0.552283	-1.81067	0.68359	0.909212	-1.09985	0.903905	0.972337	-1.02845	0.826108	0.950179	-1.05243	0.897354	1.03043	1.03043	0.276639	0.76888	-1.30059	0.000400426	0.270353	-3.69887	0.131218	0.684896	-1.46008	0.383285	0.812486	-1.23079	4.54706	3.88505	0.759476	1
cg26709863	BECN1	0.044492	0.653939	0.925455	-1.08055	0.0241118	0.630178	-1.58685	0.738705	0.944147	-1.05916	0.0784284	0.714894	-1.39881	0.276259	1.21462	1.21462	0.819447	1.04003	1.04003	0.0285847	1.55807	1.55807	0.0159901	0.602687	-1.65924	0.681768	0.931663	-1.07335	3.54053	1.65277	0.414945	1
cg07031243	BECN1;BECN1	0.0331512	0.409699	1.1339	1.1339	0.223784	0.826552	-1.20985	0.0721103	0.741421	-1.34876	0.940675	1.01116	1.01116	0.0031707	0.548386	-1.82353	0.008835	0.608462	-1.64349	0.962388	0.992996	-1.00705	0.40277	1.13612	1.13612	0.964535	0.993395	-1.00665	3.94357	1.38747	0.312739	1
cg04184810	BEGAIN	0.00153082	0.68011	0.954047	-1.04817	0.0891408	0.808387	-1.23703	0.599604	0.941665	-1.06195	0.423262	1.09725	1.09725	0.444874	0.915421	-1.09239	0.182749	1.17401	1.17401	2.72E-05	2.55763	2.55763	0.0207858	1.37133	1.37133	0.545574	0.932947	-1.07187	10.4184	2.12435	0.181248	1
cg26279372	BEGAIN	0.0488103	0.220643	1.39458	1.39458	0.0752335	1.66803	1.66803	0.366663	0.78699	-1.27067	0.249904	0.733026	-1.36421	0.621376	1.13722	1.13722	0.0395193	1.84971	1.84971	0.00603227	2.52583	2.52583	0.288995	1.32882	1.32882	0.0556888	1.75069	1.75069	3.41924	3.61275	0.939194	1
cg05225311	BEGAIN;BEGAIN	0.000125111	6.77E-05	0.310985	-3.21559	0.310292	1.18309	1.18309	0.0130804	1.6371	1.6371	0.000316037	0.392782	-2.54594	0.886669	1.0231	1.0231	3.13E-05	0.272487	-3.6699	0.648264	1.07632	1.07632	0.825272	0.965211	-1.03604	0.0355975	1.47954	1.47954	20.8503	8.46866	0.361036	1
cg03515464	BEGAIN;BEGAIN	0.000243022	6.93E-05	0.406582	-2.45953	0.00132258	0.56082	-1.7831	0.00227464	0.58948	-1.69641	0.235842	1.16628	1.16628	0.00154234	0.568936	-1.75767	0.00318324	0.607296	-1.64664	0.228768	1.16929	1.16929	8.21E-05	0.415295	-2.40792	0.0911705	0.79424	-1.25907	17.4238	4.2306	0.215827	1
cg20033940	BEGAIN;BEGAIN	0.00154649	0.00784442	0.250976	-3.98444	0.0395471	2.62377	2.62377	0.0265271	2.90229	2.90229	0.203845	1.72181	1.72181	0.133762	0.519309	-1.92564	0.0626533	2.33685	2.33685	0.000150558	13.9652	13.9652	0.0101721	3.71801	3.71801	0.0251843	2.94083	2.94083	10.3878	27.009	2.31116	1
cg00443645	BEGAIN;BEGAIN	0.00262742	0.0862428	0.703939	-1.42058	0.015502	1.73314	1.73314	0.00183408	2.26998	2.26998	0.00344815	0.479205	-2.08679	0.243284	1.25375	1.25375	0.162378	1.3182	1.3182	0.0390853	0.642558	-1.55628	0.00862671	1.85947	1.85947	0.220359	1.26954	1.26954	8.90071	4.83581	0.482939	1
cg13583544	BEGAIN;BEGAIN	0.00490325	0.869485	0.963456	-1.03793	0.0660367	1.59496	1.59496	0.601632	0.887591	-1.12664	0.757788	1.07254	1.07254	0.272922	0.772349	-1.29475	0.249083	1.31354	1.31354	0.457842	1.18667	1.18667	0.000246847	0.253993	-3.93711	0.00799808	2.15865	2.15865	7.38248	5.99229	0.721503	1
cg14380774	BEGAIN;BEGAIN	0.00514414	0.885419	1.04403	1.04403	0.00010564	7.73692	7.73692	0.0789334	1.79131	1.79131	0.251053	1.43097	1.43097	0.43434	0.787917	-1.26917	0.280214	0.715041	-1.39852	0.203704	1.49312	1.49312	0.0158646	2.41769	2.41769	0.442729	1.26347	1.26347	7.27515	10.2879	1.25699	1
cg13660701	BEGAIN;BEGAIN	0.0107159	0.5725	1.06938	1.06938	0.784901	1.0327	1.0327	0.143109	0.83102	-1.20334	0.156704	1.19504	1.19504	0.0248534	1.36905	1.36905	0.976212	0.996499	-1.00351	0.00041377	1.9331	1.9331	0.0215867	1.38339	1.38339	0.129173	1.21271	1.21271	5.78101	1.26671	0.19477	1
cg07505932	BEGAIN;BEGAIN	0.0125149	0.0431424	0.344523	-2.90256	0.00124415	0.115252	-8.67662	0.275047	0.594461	-1.6822	0.382261	0.66339	-1.50741	0.0154779	0.25658	-3.89743	0.0345159	0.323318	-3.09293	0.0107093	0.230153	-4.34493	0.00792506	0.210242	-4.75642	0.0316507	0.315419	-3.17038	5.49791	18.2645	2.95297	1
cg01991752	BEGAIN;BEGAIN	0.0218826	0.147014	0.514743	-1.94272	0.0151647	0.279992	-3.57153	0.0248607	0.31998	-3.12519	0.302413	0.633896	-1.57755	0.00152955	0.142794	-7.00307	0.293191	0.627944	-1.5925	0.282878	0.621177	-1.60985	0.944707	0.970837	-1.03004	0.00985177	0.248599	-4.02254	4.5623	13.157	2.56342	1
cg18371471	BEGAIN;BEGAIN	0.0394503	0.270802	0.743096	-1.34572	0.299765	0.757065	-1.32089	0.0530291	1.76718	1.76718	0.87593	0.960343	-1.04129	0.191339	0.698882	-1.43086	0.187702	0.696577	-1.43559	0.0210111	2.05236	2.05236	0.0118678	0.443336	-2.25563	0.662606	0.892525	-1.12042	3.70194	3.93244	0.944236	1
cg18516195	BEGAIN;BEGAIN	0.0410176	0.0872994	0.299234	-3.34187	0.253547	2.14276	2.14276	0.61222	1.3864	1.3864	0.167319	2.56196	2.56196	0.671233	1.31373	1.31373	0.234783	2.21651	2.21651	0.00313595	13.2122	13.2122	0.0390234	4.60372	4.60372	0.0818998	3.42843	3.42843	3.64916	23.6076	5.7505	1
cg07951921	BEND2	0.000263702	0.13653	0.793552	-1.26016	0.000109539	0.374569	-2.66974	0.000282227	0.425056	-2.35263	0.319718	0.862232	-1.15978	0.000552328	0.461628	-2.16625	0.284492	1.17383	1.17383	0.00100974	2.02041	2.02041	0.197753	0.8218	-1.21684	0.0144089	0.64741	-1.54462	17.0402	5.60855	0.292566	1
cg09731029	BEND2	0.000300901	0.339248	0.74677	-1.3391	0.644179	0.87121	-1.14783	0.002479	0.287386	-3.47965	0.593988	1.17292	1.17292	3.29E-06	0.0384278	-26.0228	0.0912827	0.576189	-1.73554	0.633439	1.15307	1.15307	0.110937	0.597608	-1.67334	0.177871	0.654139	-1.52873	16.4366	22.8765	1.23715	1
cg11502922	BEND2	0.000911623	0.330709	0.736845	-1.35714	0.00069582	0.207177	-4.8268	0.00684185	0.34446	-2.90309	0.30047	0.721478	-1.38604	2.17E-05	0.074488	-13.425	0.099584	0.57742	-1.73184	0.790929	1.0842	1.0842	0.997946	1.00078	1.00078	0.323174	0.733092	-1.36409	12.0788	17.7099	1.30328	1
cg09606452	BEND2	0.00105745	0.326942	0.788284	-1.26858	0.892622	1.03226	1.03226	0.000302953	0.25147	-3.97661	0.745151	1.07968	1.07968	6.45E-05	0.177954	-5.61944	0.943774	1.01672	1.01672	0.0508035	1.6872	1.6872	0.507435	1.17126	1.17126	0.449439	0.834285	-1.19863	11.5814	10.1357	0.777929	1
cg25823790	BEND2	0.0024344	0.777714	0.964378	-1.03694	0.00236901	0.580838	-1.72165	0.000424841	0.489039	-2.04482	0.88786	1.01825	1.01825	0.00504522	0.621709	-1.60847	0.267231	0.862318	-1.15967	0.00617182	1.58057	1.58057	0.596961	0.933895	-1.07078	0.332653	0.879781	-1.13665	9.10296	2.36805	0.231236	1
cg01614387	BEND2	0.0124523	0.463373	0.8242	-1.2133	0.161512	0.678904	-1.47296	0.00359716	0.36019	-2.77631	0.653968	1.12398	1.12398	0.000532143	0.24736	-4.0427	0.971952	1.00915	1.00915	0.447672	1.22196	1.22196	0.773272	0.927907	-1.07769	0.884708	0.963114	-1.0383	5.5069	5.85191	0.94458	1
cg21138857	BEND2	0.0158867	0.364564	1.57544	1.57544	0.363933	0.634345	-1.57643	0.0379871	0.309239	-3.23375	0.00169736	0.112223	-8.91081	0.0105837	0.208352	-4.79957	0.392499	1.5332	1.5332	0.913521	0.948383	-1.05443	0.791387	1.13806	1.13806	0.0213565	0.259406	-3.85496	5.08298	19.1596	3.35054	1
cg01872771	BEND2;BEND2	0.00174531	0.136699	1.47577	1.47577	0.850961	0.955367	-1.04672	0.000815998	0.29377	-3.40402	0.00500568	0.405951	-2.46335	0.0989802	0.644628	-1.55128	0.0074408	2.30878	2.30878	0.00383948	2.57512	2.57512	0.535869	0.858834	-1.16437	0.0509435	0.582902	-1.71555	10.0311	9.36156	0.82956	1
cg05090143	BEND3	0.00161395	0.0169476	0.659939	-1.51529	0.000225215	0.416596	-2.40041	0.00401256	0.57597	-1.7362	0.247269	0.841442	-1.18844	0.000303781	0.432712	-2.311	0.00985822	0.627863	-1.5927	0.760034	0.957224	-1.04469	0.00804758	0.616022	-1.62332	0.0180096	0.663585	-1.50697	10.2607	3.30942	0.286697	1
cg14658630	BEND3	0.00458462	0.211993	0.768997	-1.3004	0.539873	0.883387	-1.13201	0.214898	0.77041	-1.29801	0.948322	1.01303	1.01303	0.949088	1.01284	1.01284	6.93E-05	0.234034	-4.27287	0.0544843	1.54633	1.54633	0.411544	0.84556	-1.18265	0.675337	0.919286	-1.0878	7.53499	4.76347	0.561937	1
cg19173507	BEND3	0.0173298	0.32329	0.719791	-1.38929	0.898159	0.959572	-1.04213	0.952601	1.01934	1.01934	0.00781704	0.332757	-3.0052	0.173382	0.626963	-1.59499	0.00314815	0.27234	-3.67189	0.00203864	0.246249	-4.06093	0.786572	0.916248	-1.09141	0.306353	0.710833	-1.4068	4.93762	8.1227	1.46228	1
cg13365279	BEND3	0.0206282	0.706238	0.90178	-1.10892	0.00101184	0.264055	-3.78708	0.645283	1.13491	1.13491	0.793156	1.07439	1.07439	0.0248444	0.482287	-2.07345	0.2886	0.740237	-1.35092	0.0519875	1.82876	1.82876	0.861938	1.04867	1.04867	0.674602	0.891108	-1.1222	4.65531	5.49634	1.04947	1
cg24580784	BEND3	0.0450765	0.750648	1.08789	1.08789	0.0115007	0.433746	-2.3055	0.00458503	0.36891	-2.71069	0.358476	0.779186	-1.28339	0.0796938	0.598154	-1.67181	0.604521	0.871051	-1.14804	0.262602	1.36156	1.36156	0.724689	0.910796	-1.09794	0.140435	0.657679	-1.5205	3.52329	3.89599	0.982918	1
cg05669853	BEND3;BEND3	0.0240353	0.388996	0.796425	-1.25561	0.147488	1.4929	1.4929	0.00412406	2.69633	2.69633	0.0807312	1.64769	1.64769	0.163547	0.681555	-1.46723	0.878471	1.04024	1.04024	0.209537	0.711055	-1.40636	0.0586298	0.576501	-1.7346	0.0709096	1.68247	1.68247	4.41715	4.65069	0.935885	1
cg00235336	BEND4;BEND4	1.87E-05	0.10206	0.777521	-1.28614	0.284186	0.85517	-1.16936	0.027635	0.693361	-1.44225	0.287905	0.856278	-1.16784	1.03E-06	0.165423	-6.04512	0.062416	0.744585	-1.34303	1.65E-06	0.183922	-5.43709	0.917327	1.01471	1.01471	0.00606363	0.604122	-1.65529	34.4616	10.7934	0.278401	1
cg08702941	BEND4;BEND4	6.00E-05	0.000922437	0.308087	-3.24584	0.000199511	0.226315	-4.41863	0.00102268	0.314053	-3.18417	0.6558	1.11262	1.11262	1.06E-05	0.106627	-9.37852	0.000318458	0.249931	-4.00111	3.16E-05	0.145296	-6.88252	0.000558979	0.279932	-3.57229	0.00125765	0.32619	-3.0657	25.3625	22.7306	0.796649	1
cg02502025	BEND4;BEND4	0.000144625	0.00874677	0.33448	-2.98971	2.19E-05	0.0610461	-16.3811	0.336839	0.722744	-1.38362	0.0331766	0.441983	-2.26253	0.2276	0.660133	-1.51485	0.00297685	0.262801	-3.80515	9.22E-06	0.0431437	-23.1783	0.0205202	0.400428	-2.49733	0.00104896	0.203923	-4.90381	20.0531	34.148	1.51367	1
cg22745397	BEND4;BEND4	0.000206288	0.755839	0.951391	-1.05109	1.06E-05	4.49239	4.49239	0.665863	1.07187	1.07187	0.0699515	1.38225	1.38225	0.0151361	0.620779	-1.61088	0.000726121	2.2729	2.2729	0.350211	0.857602	-1.16604	0.00139743	2.095	2.095	0.00670681	1.75369	1.75369	18.2176	7.36368	0.359295	1
cg10683646	BEND4;BEND4	0.0002149	0.00118649	0.600363	-1.66566	0.00328476	0.650552	-1.53716	0.0493424	0.786029	-1.27222	0.113552	0.83127	-1.20298	0.0868412	1.22503	1.22503	0.761998	0.967925	-1.03314	0.00759416	0.691781	-1.44554	1.82E-05	2.55564	2.55564	0.672246	1.04673	1.04673	18.0164	3.28678	0.162162	1
cg00728890	BEND4;BEND4	0.00311591	0.11558	0.745986	-1.34051	0.421728	1.15096	1.15096	0.00795956	1.79111	1.79111	0.923676	0.983718	-1.01655	0.892759	0.977158	-1.02338	0.681543	0.931755	-1.07324	0.0502442	0.68224	-1.46576	0.000115799	3.18259	3.18259	0.222509	1.2456	1.2456	8.46227	3.93328	0.413157	1
cg12693875	BEND4;BEND4	0.0100699	0.406814	0.843906	-1.18497	0.27909	1.25241	1.25241	0.00014127	0.268886	-3.71905	0.887686	0.972133	-1.02867	0.83315	0.958687	-1.04309	0.84879	1.03891	1.03891	0.281206	1.25107	1.25107	0.789961	0.948008	-1.05484	0.918283	1.02074	1.02074	5.89747	3.73607	0.563115	1
cg09098195	BEND4;BEND4	0.0147317	0.0642296	0.445656	-2.24388	0.0483907	0.416201	-2.40269	0.188134	0.58156	-1.71951	0.856586	1.07284	1.07284	0.0129641	0.301622	-3.3154	0.0714122	0.457241	-2.18703	0.000668324	0.132188	-7.56498	0.0287597	0.366985	-2.7249	0.0645393	0.446175	-2.24127	5.21168	12.4688	2.12664	1
cg14632941	BEND4;BEND4	0.0181382	0.0327911	0.498638	-2.00546	0.331422	0.756362	-1.32212	0.0391199	0.514134	-1.94502	0.526621	0.836296	-1.19575	0.678239	0.890251	-1.12328	0.682904	0.891858	-1.12126	0.000351344	0.201803	-4.95534	0.0896674	0.593715	-1.68431	0.398036	0.785748	-1.27267	4.8626	5.97976	1.09311	1
cg00344380	BEND4;BEND4	0.0188291	0.131151	0.708915	-1.41061	?	?	?	0.0278918	0.577855	-1.73054	0.940383	1.01591	1.01591	0.557757	1.13329	1.13329	0.869705	0.965943	-1.03526	0.054736	0.631349	-1.58391	0.000861283	0.347815	-2.87509	0.121558	0.701679	-1.42515	4.88976	3.06683	0.627193	1
cg22097249	BEND4;BEND4	0.0197441	0.467876	1.21062	1.21062	0.00737751	2.44341	2.44341	0.574717	0.863552	-1.15801	0.702188	0.905369	-1.10452	0.0158962	0.465724	-2.14719	0.0894529	1.62342	1.62342	0.0151788	0.462184	-2.16364	0.372401	1.2674	1.2674	0.30413	1.31705	1.31705	4.72518	5.01086	0.942631	1
cg02781618	BEND4;BEND4	0.0250925	0.949451	1.01011	1.01011	0.0146201	0.620676	-1.61115	0.0244491	1.53	1.53	0.926094	0.98539	-1.01483	0.515418	1.11029	1.11029	0.640601	1.07744	1.07744	0.511577	0.899777	-1.11139	0.0031534	1.89653	1.89653	0.343713	1.16734	1.16734	4.35164	1.73431	0.354258	1
cg03167389	BEND4;BEND4	0.0339627	0.705999	1.31503	1.31503	0.0215632	0.136104	-7.34731	0.249542	2.38601	2.38601	0.711208	1.3083	1.3083	0.0192552	0.129251	-7.73687	0.0321962	0.163189	-6.12788	0.231032	0.403379	-2.47906	0.0692202	4.3448	4.3448	0.100658	0.27269	-3.66717	3.90939	32.3314	7.35128	1
cg19009280	BEND4;BEND4	0.0358903	0.692827	1.20042	1.20042	0.748639	0.8625	-1.15942	0.570498	0.768135	-1.30185	0.0425227	0.341424	-2.92891	0.00276101	0.149603	-6.68436	0.0199129	0.274465	-3.64345	0.0224452	0.284167	-3.51905	0.897684	0.942527	-1.06098	0.328784	0.628924	-1.59002	3.83208	12.8479	2.98019	1
cg23951961	BEND4;BEND4	0.0484634	0.640505	1.35272	1.35272	0.0260262	0.18325	-5.45702	0.296402	2.00464	2.00464	0.491287	1.56684	1.56684	0.364073	0.549285	-1.82055	0.0460637	0.230288	-4.34239	0.0834733	0.292088	-3.42362	0.287692	2.03214	2.03214	0.0135002	0.14027	-7.12911	3.42849	22.4056	5.809	1
cg09554876	BEND5;AGBL4	0.000852315	0.75844	0.956828	-1.04512	0.759916	0.957096	-1.04483	0.00473329	0.584611	-1.71054	0.50649	1.10123	1.10123	7.71E-05	0.35902	-2.78536	0.556911	0.918512	-1.08872	0.000518969	2.16955	2.16955	0.739071	0.953301	-1.04899	0.362042	0.874556	-1.14344	12.3104	3.99074	0.288156	1
cg06744574	BEND5;AGBL4	0.00173128	0.000538389	0.555075	-1.80156	0.259387	1.1373	1.1373	0.980435	1.00269	1.00269	0.021497	0.739338	-1.35256	0.000325793	0.529825	-1.88742	0.943605	1.00777	1.00777	0.00200456	0.620745	-1.61097	0.223684	0.86954	-1.15003	0.0126414	0.712489	-1.40353	10.0546	1.9041	0.168334	1
cg10501310	BEND5;AGBL4	0.00376493	0.0157274	0.788023	-1.269	0.00368031	1.37162	1.37162	0.000870303	1.49486	1.49486	0.466612	0.942119	-1.06144	0.116484	0.871728	-1.14715	0.0193688	1.25556	1.25556	0.343824	1.08165	1.08165	0.368421	0.928344	-1.07719	0.563827	0.954123	-1.04808	7.99692	0.820412	0.0911921	1
cg09850418	BEND5;AGBL4	0.0122557	0.172547	0.719245	-1.39035	0.0401839	0.583815	-1.71287	0.228841	0.750758	-1.33199	0.903626	1.02788	1.02788	0.00141397	0.350348	-2.85431	0.00142014	0.350609	-2.85218	0.952042	1.01375	1.01375	0.858844	0.960396	-1.04124	0.0416135	0.586701	-1.70445	5.53546	4.51752	0.725427	1
cg26108416	BEND5;AGBL4	0.0411603	0.0464547	0.365162	-2.73851	0.053541	0.379661	-2.63393	0.781322	0.884336	-1.13079	0.0342471	0.33584	-2.97761	0.00549479	0.199405	-5.01491	0.0654043	0.401109	-2.49309	0.0138119	0.260759	-3.83495	0.628369	0.806188	-1.24041	0.133065	0.488792	-2.04586	3.64448	11.2616	2.7467	1
cg12497190	BEND6	0.00973639	0.00319897	0.188385	-5.30827	0.0135924	0.281828	-3.54827	0.079244	0.445679	-2.24377	0.531832	0.768995	-1.3004	0.00197866	0.163223	-6.1266	0.0453858	0.385977	-2.59083	0.00631923	0.228789	-4.37085	0.0553867	0.40629	-2.4613	0.016441	0.296421	-3.37358	5.96129	16.2425	2.42193	1
cg21920102	BEND6	0.0223796	0.880841	0.932315	-1.0726	0.697087	1.20053	1.20053	0.817062	0.897393	-1.11434	0.844869	1.09585	1.09585	0.00104293	0.103556	-9.65665	0.383372	1.51836	1.51836	0.86214	0.922003	-1.0846	0.697764	0.833327	-1.20001	0.00569384	0.183732	-5.44271	4.52726	15.6519	3.07312	1
cg04787343	BEND6;DST	0.000805766	0.000996604	0.679054	-1.47264	0.0165378	0.7931	-1.26087	0.0967762	0.865603	-1.15526	0.755341	0.975557	-1.02506	0.0771646	0.855923	-1.16833	5.89E-05	1.80174	1.80174	0.613036	0.960428	-1.0412	0.375806	1.07461	1.07461	0.85868	0.985989	-1.01421	12.5068	1.24156	0.0882408	1
cg24311272	BEND6;DST	0.00102148	?	?	?	0.385227	0.696322	-1.43612	0.27185	1.5921	1.5921	0.890688	1.0575	1.0575	3.99E-05	0.0410876	-24.3383	0.339914	0.670389	-1.49167	0.000545495	0.112557	-8.88443	0.52707	0.770623	-1.29765	0.279228	0.632929	-1.57996	11.9729	27.8631	2.32718	1
cg05871997	BEND6;DST	0.00493102	0.00356771	0.469277	-2.13094	0.833781	0.960529	-1.04109	0.905693	1.02297	1.02297	0.00117194	0.401377	-2.49142	0.0200562	0.584116	-1.71199	0.0012546	0.405413	-2.46662	0.989276	1.00258	1.00258	0.317503	1.21898	1.21898	0.76025	0.943033	-1.06041	7.36977	4.28659	0.517017	1
cg20739919	BEND7	0.0228696	0.0596096	0.344579	-2.90209	0.221675	0.525311	-1.90363	0.00238501	0.119783	-8.34842	0.562026	0.745411	-1.34154	0.00817902	0.183401	-5.45252	0.124282	0.434258	-2.30278	0.00833077	0.184521	-5.41944	0.0601036	0.345466	-2.89464	0.109154	0.416644	-2.40013	4.49365	17.8761	3.53607	1
cg08857108	BEND7;BEND7	0.00615458	0.472574	1.18886	1.18886	0.000841217	0.304471	-3.28438	0.00197072	0.355043	-2.81656	0.585806	1.13916	1.13916	0.443922	0.831254	-1.203	0.106817	0.659084	-1.51726	0.0375868	1.77042	1.77042	0.504147	1.17411	1.17411	0.23933	0.746937	-1.3388	6.88484	6.11382	0.789344	1
cg14784653	BEND7;BEND7	0.00905287	0.0108015	0.489638	-2.04233	0.224863	0.752535	-1.32884	0.0726651	0.639794	-1.563	0.0671572	0.632822	-1.58022	0.000220871	0.253507	-3.94467	0.10826	0.676541	-1.47811	0.46718	0.847894	-1.17939	0.512838	0.862416	-1.15953	0.0181613	0.527445	-1.89593	6.10102	4.80595	0.700203	1
cg14755992	BEND7;BEND7	0.0152654	0.0519213	0.798636	-1.25213	0.740059	0.966716	-1.03443	0.101494	1.19996	1.19996	0.053662	1.24953	1.24953	0.215153	1.14185	1.14185	0.0744595	1.2239	1.2239	0.00080193	1.67269	1.67269	0.819684	0.977055	-1.02348	0.300167	1.11533	1.11533	5.15072	0.843164	0.14551	1
cg18607580	BEND7;BEND7	0.037957	0.864252	1.06563	1.06563	0.686853	1.16259	1.16259	0.444726	0.748085	-1.33675	0.14661	0.557051	-1.79517	0.00227912	0.187316	-5.33856	0.0199417	0.341204	-2.9308	0.258835	0.64375	-1.5534	0.178537	1.70895	1.70895	0.403618	0.727191	-1.37515	4.10672	8.78469	1.66374	1
cg25844612	BEND7;BEND7	0.0395703	0.124435	0.806335	-1.24018	0.339837	0.880478	-1.13575	0.0551307	0.754757	-1.32493	0.326968	1.1399	1.1399	0.14173	0.815105	-1.22684	0.499713	1.0927	1.0927	0.00712525	1.56791	1.56791	0.0673888	0.767049	-1.3037	0.699845	0.951109	-1.0514	3.69781	0.980575	0.235713	1
cg19695507	BEND7;BEND7	0.0400868	0.0217949	0.373495	-2.67741	0.784329	0.906525	-1.10311	0.159615	0.584155	-1.71187	0.0472116	0.443847	-2.25303	0.00187669	0.206545	-4.84155	0.569631	0.814188	-1.22822	0.433133	0.75116	-1.33127	0.736535	1.12839	1.12839	0.0908362	0.513561	-1.94719	3.6802	7.45854	1.80148	1
cg12207511	BEND7;BEND7	0.0401372	0.211913	1.29114	1.29114	0.20226	0.769804	-1.29903	0.0178961	0.57166	-1.74929	0.532086	0.884278	-1.13087	0.0136863	1.80847	1.80847	0.718492	1.07288	1.07288	0.0295825	1.64504	1.64504	0.830914	0.959299	-1.04243	0.983141	0.995902	-1.00411	3.67849	2.19993	0.531602	1
cg02190383	BEST1;BEST1	0.00470529	0.0668918	0.743802	-1.34444	0.00454634	0.580062	-1.72395	0.00134915	0.511267	-1.95592	0.102541	0.773048	-1.29358	0.013286	0.642705	-1.55592	0.959443	0.992699	-1.00735	0.00965969	1.60297	1.60297	0.548867	0.916311	-1.09133	0.039254	0.709141	-1.41016	7.47571	2.45813	0.29228	1
cg24944820	BEST1;BEST1	0.0163061	0.222168	2.18701	2.18701	0.0215605	5.38361	5.38361	0.102568	2.97287	2.97287	0.136837	2.6577	2.6577	0.0170135	5.89918	5.89918	0.0159338	6.05136	6.05136	0.00174211	15.2229	15.2229	0.00661784	8.58526	8.58526	0.0819412	3.24018	3.24018	5.0391	29.6894	5.23716	1
cg20119487	BEST1;BEST1	0.0228322	0.0640152	4.61156	4.61156	0.00787016	12.23	12.23	0.0786651	4.19629	4.19629	0.159571	3.01537	3.01537	0.0384712	5.81752	5.81752	0.0313599	6.38738	6.38738	0.00713593	12.8285	12.8285	0.00792377	12.1896	12.1896	0.0293008	6.58935	6.58935	4.49618	38.4011	7.59184	1
cg13316977	BEST2	4.36E-06	2.65E-06	0.227314	-4.39921	0.0621005	0.759458	-1.31673	0.157035	0.820158	-1.21928	0.000777091	0.513685	-1.94672	5.75E-06	0.262507	-3.80942	8.17E-05	0.3944	-2.5355	2.90E-07	0.138667	-7.21153	0.000997981	0.527138	-1.89704	0.000151302	0.426635	-2.34392	50.292	13.6686	0.241586	1
cg00378636	BEST2	0.000756109	0.0763501	0.560002	-1.78571	0.0577523	0.532091	-1.87938	0.0175313	0.427369	-2.3399	0.842912	0.943323	-1.06008	0.000560665	0.207378	-4.82211	0.0115836	0.395245	-2.53008	6.44E-05	0.115351	-8.66919	0.000288019	0.175529	-5.69705	0.0125826	0.401509	-2.4906	12.7325	17.4386	1.21743	1
cg03149770	BEST2	0.00209438	0.259187	0.747322	-1.33811	0.548712	0.860585	-1.162	0.0901486	0.629953	-1.58742	0.765403	1.07685	1.07685	0.128524	0.665984	-1.50154	0.314616	1.29343	1.29343	0.000143582	0.197669	-5.05896	0.000610036	0.270747	-3.69348	0.00529574	0.402757	-2.48289	9.51311	9.22406	0.861881	1
cg25331073	BEST2	0.0115007	0.155324	0.616086	-1.62315	0.0942459	1.79683	1.79683	0.0955885	1.79174	1.79174	0.0056604	3.1785	3.1785	0.108981	0.573042	-1.74507	0.176611	0.632819	-1.58023	0.00385194	0.289231	-3.45744	0.619376	1.17294	1.17294	0.563419	0.830216	-1.20451	5.65074	9.08107	1.4285	1
cg23867562	BEST2	0.014189	0.0112696	0.439938	-2.27305	0.00566204	0.391016	-2.55744	0.0321076	0.52237	-1.91435	0.100938	0.628329	-1.59152	0.0230724	0.495156	-2.01957	0.115165	0.642057	-1.5575	0.0122247	0.445973	-2.24229	0.00241641	0.335268	-2.98268	0.0880572	0.614517	-1.62729	5.27657	5.59171	0.941977	1
cg22462193	BEST2	0.0144387	0.00121374	2.55601	2.55601	0.201555	1.30631	1.30631	0.507197	1.14261	1.14261	0.526825	1.13547	1.13547	0.169618	0.748362	-1.33625	0.0108695	1.88435	1.88435	0.134052	0.726047	-1.37732	0.249235	1.26947	1.26947	0.0487701	1.56189	1.56189	5.24634	3.26172	0.552634	1
cg08851076	BEST2	0.0216788	0.121757	0.844409	-1.18426	0.161011	1.16293	1.16293	0.0413223	0.788776	-1.26779	0.00457436	1.46323	1.46323	0.221668	0.878529	-1.13827	0.0232167	0.760667	-1.31464	0.568895	1.05977	1.05977	0.369567	0.91128	-1.09736	0.437055	0.92318	-1.08321	4.57696	0.73682	0.143097	1
cg24519459	BEST2	0.0296305	0.0111713	0.378913	-2.63913	0.0429351	0.491185	-2.03589	0.328505	0.735081	-1.36039	0.393229	0.765753	-1.3059	0.00336286	0.295994	-3.37845	0.0226489	0.434839	-2.2997	0.0656378	0.532348	-1.87847	0.57561	0.841476	-1.18839	0.0279866	0.452814	-2.20841	4.10485	6.05433	1.31104	1
cg19743791	BEST2	0.039973	0.077908	0.322324	-3.10247	0.145743	0.405489	-2.46616	0.131174	0.389894	-2.5648	0.116868	0.373613	-2.67656	0.0323196	0.234928	-4.25662	0.104244	0.358277	-2.79114	0.00212919	0.0825249	-12.1176	0.0616131	0.296201	-3.37609	0.0367997	0.246164	-4.06234	3.68405	19.4879	4.70205	1
cg08015704	BEST2	0.0456623	0.0122336	0.366314	-2.7299	0.393093	1.3251	1.3251	0.605577	0.845686	-1.18247	0.560212	1.20868	1.20868	0.719567	0.890472	-1.123	0.89744	1.04236	1.04236	0.00349166	0.279406	-3.57903	0.755545	0.904398	-1.10571	0.0814474	0.537196	-1.86152	3.50627	5.74887	1.45742	1
cg16554020	BEST2	0.0470066	0.838702	1.10138	1.10138	0.268745	0.579429	-1.72584	0.0216605	0.270854	-3.69202	0.316422	0.612199	-1.63346	0.118126	0.447602	-2.23413	0.358922	1.56348	1.56348	0.174715	1.9816	1.9816	0.183384	0.512347	-1.9518	0.00577253	0.180213	-5.54898	3.46823	12.3289	3.15982	1
cg10690467	BEST3;BEST3	0.000242083	0.00264614	0.449735	-2.22353	0.179957	0.760648	-1.31467	0.000175035	0.294313	-3.39774	0.0145258	0.560784	-1.78322	0.435255	1.16525	1.16525	0.00452334	0.483442	-2.0685	1.96E-05	0.189442	-5.27865	0.0825268	1.44693	1.44693	0.301941	1.22809	1.22809	17.4422	10.1959	0.5196	1
cg01564925	BEST4	0.000333105	0.678397	0.935696	-1.06872	0.970493	1.00591	1.00591	3.17E-06	0.171855	-5.81887	0.235188	0.820109	-1.21935	0.891607	0.978502	-1.02197	0.421863	1.13972	1.13972	0.312198	1.18133	1.18133	0.891336	0.978448	-1.02203	0.0321808	0.670369	-1.49172	15.9849	6.43225	0.357684	1
cg06170941	BEST4	0.0215897	0.110481	1.976	1.976	0.288501	1.53954	1.53954	0.0404143	2.52687	2.52687	0.0408176	2.52077	2.52077	0.0571618	0.430562	-2.32255	0.992789	0.996468	-1.00355	0.0112094	3.47085	3.47085	0.0904767	2.07601	2.07601	0.00723434	3.88486	3.88486	4.58342	11.1311	2.15872	1
cg19804249	BEST4	0.0484218	0.00412441	0.1883	-5.31066	0.55258	0.770456	-1.29793	0.190801	0.548124	-1.82441	0.0890518	0.4431	-2.25683	0.0360146	0.346949	-2.88226	0.845099	1.08861	1.08861	0.0190838	0.291893	-3.42592	0.394254	0.684722	-1.46045	0.0584195	0.395287	-2.52981	3.4296	10.2327	2.65212	1
cg06107297	BET1	0.000201756	2.39E-06	0.275071	-3.63543	0.0113106	0.699698	-1.42919	0.429343	1.09508	1.09508	0.100473	0.816627	-1.22455	0.668505	0.952662	-1.04969	0.971915	1.00397	1.00397	0.246991	0.872597	-1.146	0.436604	0.914529	-1.09346	0.0424016	1.30102	1.30102	18.3277	3.67897	0.17843	1
cg03078718	BET1	0.00241424	0.294081	0.751196	-1.33121	0.361292	1.27979	1.27979	0.0956973	0.618107	-1.61784	0.17095	0.681639	-1.46705	0.000398413	0.22728	-4.39986	0.770688	0.926045	-1.07986	0.000440668	0.232442	-4.30216	0.38403	1.26446	1.26446	0.00295365	0.342039	-2.92364	9.12523	9.98761	0.972893	1
cg25880593	BET1	0.0190427	0.433393	0.727091	-1.37534	0.426458	0.723442	-1.38228	0.287099	1.55374	1.55374	0.437046	1.37174	1.37174	0.0404679	0.389294	-2.56875	0.984497	1.00778	1.00778	0.115763	1.97698	1.97698	0.958257	0.979349	-1.02109	0.000724582	0.128783	-7.76502	4.78343	12.0409	2.23753	1
cg18194887	BET1	0.0388763	0.679173	1.16082	1.16082	0.0239181	0.380532	-2.6279	0.00341189	0.240085	-4.16518	0.2284	1.57347	1.57347	0.409139	0.738828	-1.35349	0.6763	1.16248	1.16248	0.70184	0.871166	-1.14789	0.730557	0.883419	-1.13197	0.0301387	0.400802	-2.495	3.72192	7.57839	1.80991	1
cg01264751	BET1	0.0404867	0.862307	0.892539	-1.1204	0.196915	0.409258	-2.44345	0.10028	0.307537	-3.25164	0.0425489	0.216684	-4.61502	0.0115991	0.126617	-7.89786	0.0264476	0.178463	-5.60342	0.00589415	0.0944679	-10.5856	0.94972	0.959543	-1.04216	0.0899137	0.294008	-3.40127	3.66675	24.9056	6.03758	1
cg27331343	BET1L;BET1L	0.000273725	0.91871	1.02102	1.02102	0.0127507	1.87847	1.87847	1.13E-05	0.149428	-6.69219	0.744551	1.06888	1.06888	0.000269682	0.296034	-3.37799	0.956254	0.988886	-1.01124	0.34967	1.21669	1.21669	0.611788	1.1099	1.1099	0.126912	0.714373	-1.39983	16.8676	11.0885	0.584344	1
cg06463913	BET1L;BET1L;RIC8A	0.00295741	0.96915	0.993895	-1.00614	0.238357	0.822383	-1.21598	0.860059	1.02834	1.02834	0.668666	0.934101	-1.07055	0.0196439	1.56254	1.56254	0.0238415	0.652473	-1.53263	0.000104328	0.337528	-2.96272	0.382396	1.15239	1.15239	0.14464	1.28157	1.28157	8.59455	3.41264	0.352952	1
cg14642374	BET1L;BET1L;RIC8A	0.0365099	0.0760537	0.599636	-1.66768	0.212023	1.40576	1.40576	0.143043	1.50346	1.50346	0.218162	1.39876	1.39876	0.39247	0.796952	-1.25478	0.859218	0.955047	-1.04707	0.00386618	0.364857	-2.7408	0.324322	1.30174	1.30174	0.16283	1.47102	1.47102	3.80831	4.04816	0.944872	1
cg01689892	BET1L;RIC8A;BET1L;BET1L;BET1L	0.0125611	0.2338	0.640917	-1.56026	0.499751	1.27654	1.27654	0.440496	1.32359	1.32359	0.423209	0.747124	-1.33847	0.189607	0.609461	-1.64079	0.000232885	0.11349	-8.81138	0.945647	0.975994	-1.0246	0.748426	0.891653	-1.12151	0.0389266	0.426575	-2.34425	5.49132	11.0464	1.78809	1
cg13533456	BET3L	0.0347591	0.00862604	0.201538	-4.96185	0.0411604	0.324085	-3.08561	0.0302327	0.295637	-3.38252	0.454745	0.694776	-1.43931	0.0406694	0.322931	-3.09664	0.146848	0.47489	-2.10575	0.0113783	0.219756	-4.5505	0.559869	1.32575	1.32575	0.0582468	0.359293	-2.78325	3.87681	14.0449	3.22027	1
cg15793196	BEX1	0.0212744	0.0104002	0.165951	-6.02589	0.00979912	0.1624	-6.15765	0.41381	0.628112	-1.59207	0.478407	1.49357	1.49357	0.31854	0.563347	-1.77511	0.011965	0.174571	-5.72831	0.0110894	0.169851	-5.88751	0.0195711	0.207974	-4.80828	0.691333	0.800795	-1.24876	4.60655	22.6065	4.36219	1
cg02992777	BEX1	0.0333198	0.320751	1.30863	1.30863	0.280923	0.745396	-1.34157	0.414728	0.803652	-1.24432	0.131969	0.652929	-1.53156	0.0768917	0.597025	-1.67497	0.0102926	2.33438	2.33438	0.0153275	2.1823	2.1823	0.226576	1.39499	1.39499	0.737283	1.09228	1.09228	3.93638	4.28567	0.967763	1
cg13391512	BEX2;BEX2;BEX2;BEX2	0.0122999	0.00070219	0.213461	-4.68469	0.164428	0.641847	-1.558	0.285525	0.717802	-1.39314	0.231002	1.45582	1.45582	0.145008	0.626351	-1.59655	0.00552955	0.33626	-2.97389	0.1611	0.639287	-1.56424	0.0594462	0.52943	-1.88882	0.0493489	0.511444	-1.95525	5.52899	7.8239	1.25784	1
cg19474517	BEX2;BEX2;BEX2;BEX2	0.0167088	0.0074797	0.234777	-4.25936	0.0101657	0.255607	-3.91226	0.138504	0.511122	-1.95648	0.084262	0.447625	-2.23401	0.00349607	0.18874	-5.2983	0.0231333	0.318915	-3.13563	0.016849	0.293117	-3.41161	0.0202988	0.308049	-3.24623	0.138018	0.510635	-1.95835	4.99826	14.0197	2.49326	1
cg04075827	BEX2;BEX2;BEX2;BEX2	0.0471652	0.0101873	0.151965	-6.58045	0.869194	0.908608	-1.10058	0.803812	0.865249	-1.15574	0.308211	0.541554	-1.84654	0.00888705	0.144265	-6.9317	0.0522289	0.276941	-3.61088	0.085457	0.331031	-3.02086	0.038769	0.248681	-4.02121	0.0501755	0.272959	-3.66355	3.46383	18.5505	4.76044	1
cg21039523	BEX4;BEX4	0.00437989	0.341821	1.18195	1.18195	0.0347982	1.52183	1.52183	0.560144	1.10578	1.10578	0.0215085	1.6021	1.6021	0.0552697	0.690146	-1.44897	0.00038432	0.380163	-2.63045	0.29712	1.20261	1.20261	0.0421383	1.49123	1.49123	0.86967	1.02842	1.02842	7.64013	3.52487	0.4101	1
cg13747195	BEX4;BEX4	0.0163147	0.177621	0.367084	-2.72417	0.017014	0.130621	-7.65572	0.0323842	0.173373	-5.76791	0.47848	0.604087	-1.65539	0.0670421	0.237898	-4.20347	0.00414613	0.0679893	-14.7082	0.00132761	0.0381829	-26.1898	0.753762	0.802425	-1.24622	0.159645	0.34954	-2.8609	5.03821	39.0434	6.88841	1
cg14247788	BEX5;BEX5	0.000403326	0.000433578	0.186922	-5.34983	0.134602	0.614944	-1.62616	0.275354	0.710318	-1.40782	0.00169057	0.258659	-3.8661	3.01E-05	0.0853582	-11.7153	0.0335794	0.473199	-2.11328	0.0192811	2.34698	2.34698	0.0740151	0.548744	-1.82234	0.00452913	0.319809	-3.12686	15.1655	21.82	1.27893	1
cg05470074	BEX5;BEX5	0.0155515	0.0167564	0.225678	-4.43109	0.694625	1.22284	1.22284	0.179356	0.483244	-2.06935	0.195495	0.497545	-2.00987	0.0933688	2.56262	2.56262	0.000820075	0.0764601	-13.0787	0.703756	1.21507	1.21507	0.456186	1.47249	1.47249	0.750607	0.84994	-1.17655	5.11911	21.0782	3.66005	1
cg01671070	BEX5;BEX5	0.0241291	0.217953	0.277266	-3.60665	0.570391	1.76412	1.76412	0.693519	1.47999	1.47999	0.077801	6.95839	6.95839	0.832146	0.810516	-1.23378	0.262684	0.314774	-3.17689	0.00616481	34.339	34.339	0.00327825	52.7958	52.7958	0.595572	0.588467	-1.69933	4.4112	68.4466	13.7925	1
cg05898659	BFAR	2.39E-05	4.62E-06	0.216845	-4.61158	0.481833	1.10955	1.10955	0.198965	0.820889	-1.21819	0.22669	0.831462	-1.2027	1.28E-05	0.263331	-3.7975	6.52E-05	0.344326	-2.90422	1.27E-05	0.263311	-3.79778	0.0544758	0.728142	-1.37336	0.0265548	0.682296	-1.46564	32.3267	10.8254	0.297666	1
cg00712280	BFAR	0.0014242	0.413699	1.25308	1.25308	0.0624647	0.56774	-1.76137	0.000206855	0.186855	-5.35173	0.779649	1.07866	1.07866	0.270525	0.733641	-1.36306	0.000114739	0.160912	-6.21458	0.0341137	0.512951	-1.9495	0.591641	0.86398	-1.15743	0.0190116	0.464594	-2.15242	10.637	12.2796	1.02615	1
cg18306327	BFAR	0.00199732	0.687766	0.94389	-1.05945	0.000107123	2.65581	2.65581	0.0128504	1.55519	1.55519	0.334647	0.867429	-1.15283	0.0767299	1.32496	1.32496	0.0968151	1.29762	1.29762	0.00755394	0.611863	-1.63435	0.437145	0.892886	-1.11996	0.995876	1.00074	1.00074	9.64567	3.12104	0.287617	1
cg10151829	BFAR	0.00760569	0.577213	0.917082	-1.09041	0.000677187	0.449969	-2.22238	0.200158	0.812203	-1.23122	0.319252	1.17141	1.17141	0.00668426	0.582295	-1.71734	0.00423799	0.555221	-1.80108	0.710227	0.944251	-1.05904	0.0218292	0.655077	-1.52654	0.172044	0.799768	-1.25036	6.44568	2.41162	0.332574	1
cg00895174	BFAR	0.0210383	0.00514226	0.168282	-5.94239	0.248907	0.559232	-1.78817	0.514303	0.726934	-1.37564	0.562701	1.32607	1.32607	0.00689988	0.18517	-5.40044	0.816729	0.894089	-1.11846	0.006803	0.184328	-5.42511	0.792658	1.13546	1.13546	0.0327019	0.299657	-3.33715	4.62415	17.0315	3.27392	1
cg06102930	BFAR	0.0220342	0.0231305	0.660584	-1.51381	0.0305881	1.4739	1.4739	0.0899194	1.33029	1.33029	0.110627	0.766881	-1.30398	0.432018	0.884763	-1.13025	0.554908	0.912852	-1.09547	0.0882783	0.750391	-1.33264	0.0495612	0.710288	-1.40788	0.0445619	1.42214	1.42214	4.55151	1.6804	0.328174	1
cg07534267	BFAR	0.041309	0.274111	0.689759	-1.44978	0.0267658	0.424673	-2.35475	0.155733	0.609135	-1.64167	0.502817	1.2485	1.2485	0.0247285	0.417851	-2.3932	0.0807284	0.53146	-1.88161	0.033362	0.444174	-2.25137	0.172263	1.60669	1.60669	0.0283261	0.429615	-2.32767	3.63962	6.14011	1.49957	1
cg02795691	BFSP1	0.000351717	0.000242446	0.326043	-3.06708	0.000145651	0.299009	-3.34438	0.00331451	0.477837	-2.09276	0.233927	0.794209	-1.25911	0.000324317	0.341872	-2.92507	0.00347498	0.480777	-2.07997	0.000120213	0.289063	-3.45945	0.00817915	0.535333	-1.868	0.0202919	0.596505	-1.67643	15.7481	8.50326	0.479961	1
cg04263118	BFSP1;BFSP1	0.00532733	0.102229	0.746138	-1.34023	0.444632	0.880205	-1.1361	0.635105	1.08142	1.08142	0.398681	0.868066	-1.15199	0.00502866	0.544651	-1.83604	0.017703	0.623539	-1.60375	0.000164695	0.349325	-2.86266	0.514579	0.897433	-1.11429	0.526649	1.11076	1.11076	7.19763	3.05646	0.377465	1
cg23032598	BFSP1;BFSP1	0.00538342	0.324422	1.18833	1.18833	0.000238461	0.356406	-2.80579	0.248679	1.22686	1.22686	0.0945264	0.732262	-1.36563	0.2183	1.24553	1.24553	0.0473021	1.46934	1.46934	0.0644817	1.42215	1.42215	0.476479	1.1306	1.1306	0.823657	0.962863	-1.03857	7.17456	3.26682	0.404741	1
cg02507167	BFSP2	0.00111315	0.605678	1.08066	1.08066	0.148529	0.793874	-1.25965	0.00322436	0.549549	-1.81968	0.000605056	0.454944	-2.19807	0.0487345	0.715122	-1.39836	0.00377927	0.558737	-1.78975	0.000104925	0.360259	-2.77578	0.256105	1.19313	1.19313	0.0983533	0.763353	-1.31001	11.4136	4.01094	0.312372	1
cg05943200	BFSP2	0.00151172	0.869074	0.973295	-1.02744	0.00480966	1.84751	1.84751	0.0517252	0.695399	-1.43802	0.00629809	0.557752	-1.79291	0.00923191	0.581472	-1.71977	0.25648	0.823378	-1.21451	0.000125954	0.334367	-2.99073	0.754341	0.949799	-1.05285	0.0486876	0.691125	-1.44692	10.4561	4.45826	0.379003	1
cg25249068	BFSP2	0.00255848	0.0185146	0.669679	-1.49325	0.216782	0.833231	-1.20015	0.00261892	0.557135	-1.7949	0.937622	1.01105	1.01105	0.916453	0.985377	-1.01484	0.0988578	1.28921	1.28921	0.000355822	2.23617	2.23617	0.0521126	0.733334	-1.36364	0.360319	0.876323	-1.14113	8.97075	2.79989	0.277434	1
cg04231050	BFSP2	0.00379737	0.0640308	2.23692	2.23692	0.000489419	8.27246	8.27246	0.00672561	3.89372	3.89372	0.0330606	2.62219	2.62219	0.00921854	3.59152	3.59152	0.0258775	2.78212	2.78212	0.00131146	6.10611	6.10611	0.00671812	3.89484	3.89484	0.027138	2.75025	2.75025	7.97633	18.9015	2.1064	1
cg24822402	BFSP2	0.00444912	0.182622	0.811418	-1.23241	0.0200486	1.51371	1.51371	0.00517336	1.72531	1.72531	0.0127998	0.633271	-1.5791	0.00388935	1.77608	1.77608	0.073547	1.34282	1.34282	0.0296335	1.45982	1.45982	0.798532	0.962914	-1.03851	0.109844	0.772963	-1.29372	7.6039	2.62905	0.307334	1
cg08988226	BFSP2	0.011021	0.814757	0.979024	-1.02143	0.00172504	0.66772	-1.49763	0.0311646	0.795778	-1.25663	0.543054	1.05718	1.05718	0.105163	0.852208	-1.17342	0.173826	1.13962	1.13962	0.00755012	1.36406	1.36406	0.756612	0.972309	-1.02848	0.624201	1.04561	1.04561	5.72899	0.740275	0.114858	1
cg15486454	BFSP2	0.0129731	0.359575	1.35042	1.35042	0.0012721	4.47784	4.47784	0.00698081	3.043	3.043	0.206779	1.52904	1.52904	0.442905	1.28339	1.28339	0.472613	1.26236	1.26236	0.00473863	3.30813	3.30813	0.0163636	2.54959	2.54959	0.0561288	1.99354	1.99354	5.43382	8.75321	1.43189	1
cg02915437	BFSP2	0.0144427	0.167484	0.655833	-1.52478	0.106506	0.603306	-1.65753	0.010561	0.397632	-2.51489	0.919702	1.02933	1.02933	0.0591076	0.542798	-1.84231	0.0871857	0.581881	-1.71856	0.000919362	0.241762	-4.1363	0.00637195	0.361329	-2.76756	0.305882	0.737893	-1.35521	5.24586	6.8297	1.15726	1
cg01532075	BFSP2	0.0191475	0.367146	0.721544	-1.38592	0.00480928	3.73578	3.73578	0.0940582	0.522813	-1.91273	0.423636	0.749845	-1.33361	0.00354099	0.248425	-4.02536	0.710379	0.876863	-1.14043	0.114125	0.545827	-1.83208	0.992149	1.00347	1.00347	0.241531	0.649294	-1.54013	4.77456	9.38438	1.74711	1
cg24583468	BFSP2	0.0203722	0.0406744	0.572381	-1.74709	0.172209	0.709595	-1.40925	0.000828122	0.30464	-3.28256	0.0892099	0.642434	-1.55658	0.0546533	0.597716	-1.67303	0.0536898	0.596159	-1.6774	0.786334	0.937865	-1.06625	0.940817	1.01768	1.01768	0.0227999	0.525557	-1.90274	4.67515	4.12724	0.784715	1
cg10218777	BFSP2	0.0221509	0.150403	0.653575	-1.53005	0.0201792	0.46163	-2.16624	0.0101082	0.408472	-2.44815	0.265996	0.726307	-1.37683	0.626997	0.873617	-1.14467	0.852064	0.949798	-1.05286	0.00464071	2.82623	2.82623	0.643936	0.87949	-1.13702	0.665789	0.887012	-1.12738	4.54327	5.47726	1.07162	1
cg12301740	BFSP2	0.0275585	0.954334	1.00858	1.00858	0.132462	1.27398	1.27398	0.942017	1.01091	1.01091	0.460959	1.11846	1.11846	0.438738	0.888877	-1.12502	0.748384	0.953132	-1.04917	0.0248793	1.48917	1.48917	0.107098	0.76924	-1.29998	0.00231972	0.530188	-1.88612	4.21128	1.48372	0.313174	1
cg19106168	BFSP2	0.0326546	0.0796702	0.635315	-1.57402	0.936005	0.981446	-1.0189	0.459258	0.838834	-1.19213	0.0955326	1.53275	1.53275	0.0127512	0.485924	-2.05794	0.0616081	0.612004	-1.63398	0.0110142	0.475304	-2.10392	0.436971	1.20314	1.20314	0.0805947	0.636385	-1.57138	3.965	3.41565	0.765734	1
cg10705060	BFSP2	0.0438369	0.356725	1.32833	1.32833	0.511737	1.22059	1.22059	0.493555	1.23154	1.23154	0.126074	1.64176	1.64176	0.022342	2.27042	2.27042	0.0109229	2.6036	2.6036	0.00289252	3.41043	3.41043	0.18314	1.52665	1.52665	0.4407	1.26556	1.26556	3.5602	5.05879	1.26305	1
cg13618936	BFSP2	0.0461278	0.0279534	0.231717	-4.31561	0.00322143	0.104008	-9.61461	0.100247	0.362782	-2.75648	0.779668	0.853925	-1.17106	0.0978902	0.359729	-2.77987	0.077048	0.330555	-3.02521	0.0230608	0.216499	-4.61897	0.392735	0.610799	-1.6372	0.173696	0.442646	-2.25914	3.49294	17.5387	4.46328	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12354382	BFSP2;BFSP2	0.00851193	0.598983	0.932653	-1.07221	0.169682	1.21191	1.21191	?	?	?	0.580038	1.0762	1.0762	0.773392	0.962777	-1.03866	0.205975	0.839212	-1.19159	0.000169206	2.31785	2.31785	0.6342	1.06501	1.06501	0.574185	1.07745	1.07745	6.34799	1.54283	0.243042	1
cg24670453	BGLAP	0.032747	0.0331764	0.490983	-2.03673	0.0110826	0.402543	-2.48421	0.0351298	0.496006	-2.0161	0.0380277	0.503043	-1.9879	0.0581424	0.542406	-1.84364	0.0885152	0.584601	-1.71057	0.355313	0.762131	-1.31211	0.135982	1.58246	1.58246	0.590645	1.16781	1.16781	3.96098	5.1198	1.14894	1
cg24843609	BGLAP	0.0334573	0.0214683	0.110433	-9.0553	0.712685	0.744537	-1.34312	0.0346941	0.140338	-7.12565	0.0658751	0.192838	-5.18571	0.145274	0.287264	-3.48112	0.15094	0.293	-3.41297	0.00167105	0.0277346	-36.056	0.164068	0.30598	-3.26818	0.066903	0.194326	-5.14599	3.93056	39.5973	8.95487	1
cg14663278	BGLAP	0.038451	0.00849738	0.277871	-3.59879	0.439798	1.35037	1.35037	0.145549	0.551127	-1.81447	0.124751	0.53068	-1.88437	0.0933094	0.494718	-2.02135	0.498225	0.769407	-1.2997	0.00455447	0.236798	-4.223	0.279525	0.651414	-1.53512	0.0445648	0.415054	-2.40932	3.73696	8.60237	2.0462	1
cg04356968	BGLAP;BGLAP	0.00847743	0.242779	0.817767	-1.22284	0.549224	0.905075	-1.10488	0.34551	0.852232	-1.17339	0.644868	0.926462	-1.07938	0.334666	0.848952	-1.17792	0.256763	1.21508	1.21508	0.000263934	2.68179	2.68179	0.147407	1.29155	1.29155	0.0314914	1.5146	1.5146	6.22925	2.67227	0.381323	1
cg16847374	BGN	0.000307154	0.631663	1.10894	1.10894	0.0016415	0.38092	-2.62522	0.00412887	0.438936	-2.27824	0.0497883	0.619371	-1.61454	3.36E-05	0.178877	-5.59044	0.0416971	1.65306	1.65306	0.158413	1.38096	1.38096	0.00738939	0.477637	-2.09364	0.000506409	0.312447	-3.20055	16.3443	11.8637	0.645211	1
cg18986576	BGN	0.000942283	0.434114	1.20327	1.20327	0.0013603	0.340272	-2.93883	0.00547308	0.428717	-2.33254	0.00398149	0.407559	-2.45363	0.00198381	0.36321	-2.75323	0.0101214	2.12161	2.12161	0.0045028	2.40575	2.40575	0.560228	1.14633	1.14633	0.475117	0.84503	-1.18339	11.9664	10.1873	0.756733	1
cg04177332	BGN	0.00136024	0.00642685	2.21217	2.21217	0.000766131	0.319324	-3.13161	0.00948904	0.478965	-2.08783	0.339249	0.802015	-1.24686	0.071101	0.636616	-1.57081	0.00896548	2.10532	2.10532	0.00573333	2.25061	2.25061	0.432064	1.19674	1.19674	0.110743	0.677572	-1.47586	10.7783	8.56427	0.706299	1
cg22982510	BGN	0.00257216	0.0361027	1.92533	1.92533	0.052798	0.553423	-1.80694	0.00165137	0.298042	-3.35524	0.522107	1.1905	1.1905	0.000540859	0.235549	-4.2454	0.398964	1.26123	1.26123	0.0694832	1.72588	1.72588	0.182805	1.46222	1.46222	0.23907	1.39289	1.39289	8.95667	10.2472	1.01696	1
cg04929865	BGN	0.00265867	0.226158	0.7307	-1.36855	0.0033958	0.374123	-2.67291	0.421904	0.816658	-1.2245	0.955744	1.01379	1.01379	0.000210033	0.216446	-4.6201	0.666681	0.898549	-1.11291	0.00941105	2.25393	2.25393	0.095112	0.635878	-1.57263	0.194722	1.40304	1.40304	8.8697	8.56149	0.858002	1
cg09536390	BGN	0.0117385	0.715146	0.917154	-1.09033	0.00119186	0.326008	-3.06741	0.131276	0.680853	-1.46875	0.0290961	1.83458	1.83458	0.227303	0.741524	-1.34857	0.341695	0.793615	-1.26006	0.56221	0.870875	-1.14827	0.69169	1.09861	1.09861	0.0171519	1.98446	1.98446	5.61344	4.94914	0.783697	1
cg17725595	BGN	0.0145859	0.749556	1.14942	1.14942	0.0119901	0.255954	-3.90695	0.0326779	0.337309	-2.96464	0.50872	0.747155	-1.33841	0.00312069	0.172481	-5.79773	0.112017	2.12213	2.12213	0.0599876	2.51586	2.51586	0.352939	1.51526	1.51526	0.864165	0.928255	-1.07729	5.22882	15.6557	2.66143	1
cg21179255	BGN	0.0498272	0.123522	0.593876	-1.68385	0.155714	0.622227	-1.60713	0.510008	0.811602	-1.23213	0.739733	0.901102	-1.10975	0.0379048	0.471485	-2.12096	0.42042	1.29319	1.29319	0.00276835	0.275508	-3.62966	0.0444422	0.486272	-2.05646	0.312046	0.721328	-1.38633	3.39259	5.24232	1.37353	1
cg02258139	BHLHA15	7.53E-05	0.0292045	0.714777	-1.39904	2.35E-05	0.331725	-3.01454	0.000180784	0.436899	-2.28886	0.215301	1.18582	1.18582	1.29E-05	0.302039	-3.31083	0.00237015	0.574702	-1.74003	0.000685804	0.507823	-1.96919	0.557337	1.08064	1.08064	0.335525	0.878293	-1.13857	23.8798	6.4584	0.240404	1
cg04421713	BHLHA15	0.0010495	0.017185	0.480067	-2.08304	0.505597	0.843057	-1.18616	0.0821782	0.614653	-1.62693	4.75E-05	0.144153	-6.93706	0.019827	0.491193	-2.03586	0.825665	0.945772	-1.05734	0.000345738	0.233365	-4.28513	0.299019	1.31265	1.31265	0.0914426	0.625151	-1.59961	11.6063	11.7418	0.899265	1
cg20061890	BHLHA15	0.00147405	0.0564941	1.44489	1.44489	0.0545642	0.689553	-1.45022	0.756257	1.0545	1.0545	0.00524376	0.533865	-1.87313	0.00913031	0.56866	-1.75852	6.20E-05	0.284086	-3.52006	0.559841	0.904388	-1.10572	0.058208	0.694289	-1.44032	0.0184871	0.614474	-1.62741	10.5323	4.84611	0.408993	1
cg11352847	BHLHA15	0.00273117	0.94519	1.01242	1.01242	0.000861105	0.407199	-2.4558	0.000305312	0.348807	-2.86692	0.335686	1.19513	1.19513	0.729201	1.06439	1.06439	0.333426	0.835984	-1.1962	0.0184727	0.598624	-1.6705	0.0613077	1.46022	1.46022	0.830527	0.962245	-1.03924	8.7995	4.49343	0.453908	1
cg22152688	BHLHA15	0.00740253	0.611423	1.08753	1.08753	0.385129	1.15699	1.15699	0.0463483	1.45316	1.45316	0.401878	0.868919	-1.15086	0.57553	1.09707	1.09707	0.901308	0.979888	-1.02053	0.683665	0.93511	-1.06939	0.000133802	2.95642	2.95642	0.20127	0.801699	-1.24735	6.50058	2.76124	0.377571	1
cg14446979	BHLHA15	0.0163674	0.0815565	1.91305	1.91305	0.00249631	4.10331	4.10331	0.246513	1.50265	1.50265	0.510529	1.25143	1.25143	0.0183367	0.382187	-2.61652	0.7986	0.917667	-1.08972	0.328226	1.40371	1.40371	0.00997859	2.98416	2.98416	0.795275	1.09131	1.09131	5.03281	9.00077	1.58971	1
cg00625845	BHLHA15	0.0278604	0.135071	0.625593	-1.59848	0.915487	0.969565	-1.03139	0.130854	0.621892	-1.608	0.0946769	0.585774	-1.70714	0.00712872	0.363518	-2.75089	0.163039	0.648214	-1.5427	0.0013772	0.258952	-3.86171	0.765828	0.916707	-1.09086	0.103273	0.595199	-1.68011	4.19516	5.63285	1.19351	1
cg13918611	BHLHA15	0.0281136	0.565529	1.18598	1.18598	0.184286	1.51214	1.51214	0.0347907	2.05947	2.05947	0.603953	1.16609	1.16609	0.00141384	0.257512	-3.88332	0.790563	0.92482	-1.08129	0.465723	1.24356	1.24356	0.538745	1.20051	1.20051	0.374608	0.765222	-1.30681	4.18181	5.71018	1.21376	1
cg11914962	BHLHA15;BHLHA15	0.0135955	0.00617057	0.411836	-2.42815	0.970776	1.00914	1.00914	0.0689164	0.603178	-1.65788	0.400708	0.807647	-1.23816	0.00258978	0.354573	-2.82029	0.458542	0.829068	-1.20617	0.00797007	0.429676	-2.32734	0.114178	1.53229	1.53229	0.151202	0.682508	-1.46518	5.35113	5.22728	0.868315	1
cg26953640	BHLHA9	0.00357731	0.034333	5.3562	5.3562	0.108258	3.29089	3.29089	0.328448	1.98519	1.98519	0.123719	3.10624	3.10624	0.0310611	5.58839	5.58839	0.306317	2.05446	2.05446	0.000202279	69.2444	69.2444	0.00111328	26.1843	26.1843	0.00373914	14.3185	14.3185	8.12051	59.4382	6.50623	1
cg25681339	BHLHA9	0.00737448	0.0986865	4.55533	4.55533	0.108228	4.33811	4.33811	0.348425	2.24431	2.24431	0.174	3.35726	3.35726	0.0296226	8.53667	8.53667	0.140707	3.76967	3.76967	0.000439801	104.526	104.526	0.00225631	35.853	35.853	0.00626103	19.7493	19.7493	6.50831	72.2847	9.87247	1
cg21565823	BHLHA9	0.0178673	0.00792282	3.94927	3.94927	0.017775	3.19791	3.19791	0.201292	1.72348	1.72348	0.0619328	2.33473	2.33473	0.0428865	2.55989	2.55989	0.246411	1.63057	1.63057	0.318386	1.51584	1.51584	0.00161974	6.18735	6.18735	0.0138739	3.40857	3.40857	4.88727	12.5933	2.29045	1
cg11589932	BHLHA9	0.0458852	0.126749	2.68228	2.68228	0.14879	2.52183	2.52183	0.731738	1.22821	1.22821	0.169263	2.3983	2.3983	0.0461641	3.91459	3.91459	0.303572	1.8899	1.8899	0.00638631	8.33084	8.33084	0.00719608	7.94291	7.94291	0.0371785	4.24208	4.24208	3.49987	19.7787	5.02335	1
cg05883299	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.0139337	0.00379223	0.315578	-3.16879	0.880061	1.0456	1.0456	0.155108	0.638047	-1.56728	0.760549	1.09447	1.09447	0.752107	0.910661	-1.0981	0.000530559	0.203229	-4.92056	0.753882	1.09734	1.09734	0.548123	0.835704	-1.1966	0.769458	0.916864	-1.09067	5.30816	7.33266	1.2279	1
cg24392532	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.0270468	0.0326668	12.2991	12.2991	0.678259	0.657827	-1.52016	0.525751	1.90692	1.90692	0.705414	1.46415	1.46415	0.660382	1.55877	1.55877	0.537962	0.534687	-1.87025	0.00157628	95.2571	95.2571	0.907042	0.889341	-1.12443	0.0107789	24.9262	24.9262	4.23909	67.6682	14.1893	1
cg08638354	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.0484458	0.0348546	9.97253	9.97253	0.450201	2.05344	2.05344	0.222212	3.3191	3.3191	0.378451	2.32809	2.32809	0.211682	3.42262	3.42262	0.418795	0.461819	-2.16535	0.00382388	38.3457	38.3457	0.387554	0.436824	-2.28925	0.0393496	9.29312	9.29312	3.42896	47.4932	12.3117	1
cg10712678	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	9.91E-06	0.00859199	1.41118	1.41118	2.09E-05	0.413936	-2.41583	5.42E-06	0.34732	-2.87919	0.87229	1.01667	1.01667	3.85E-06	0.330696	-3.02393	0.875994	1.01618	1.01618	0.000105448	0.494699	-2.02143	0.0152608	0.736279	-1.35818	9.48E-05	0.48942	-2.04323	40.6599	6.80016	0.148662	1
cg09106468	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.000978291	0.448037	0.860037	-1.16274	0.0202872	1.72579	1.72579	0.122838	0.721804	-1.38542	0.00137543	2.47208	2.47208	0.0036497	0.464523	-2.15274	0.0584687	0.659093	-1.51724	0.831503	0.959301	-1.04243	0.146015	1.35573	1.35573	0.000237541	3.27781	3.27781	11.84	7.13053	0.535327	1
cg18406314	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.00501854	0.616219	0.834355	-1.19853	0.0849611	0.505296	-1.97904	0.0389716	0.42468	-2.35471	0.130155	0.556642	-1.79649	0.00122789	0.183746	-5.44231	0.179866	0.600229	-1.66603	0.000200108	0.106741	-9.36851	0.697456	1.15027	1.15027	0.287627	0.673248	-1.48534	7.33031	14.9092	1.80792	1
cg18470455	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.0319292	0.0571294	0.134267	-7.44785	0.904687	1.11824	1.11824	0.734003	0.727458	-1.37465	0.0809012	6.08408	6.08408	0.0990553	5.4035	5.4035	0.100662	0.186827	-5.35254	0.00478378	0.030389	-32.9067	0.0899037	0.174825	-5.72	0.594444	0.605726	-1.65091	3.99704	55.0973	12.2529	1
cg00968475	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.04951	0.038831	8.61507	8.61507	0.419062	0.475539	-2.10288	0.501352	1.8485	1.8485	0.606127	1.59718	1.59718	0.854646	1.1795	1.1795	0.498341	0.538573	-1.85676	0.00358335	34.8614	34.8614	0.557549	0.586266	-1.70571	0.0363755	8.93598	8.93598	3.40083	43.6538	11.41	1
cg14983606	BHLHE22	1.38E-05	0.776254	1.04044	1.04044	0.00223585	1.81407	1.81407	0.0010584	1.96135	1.96135	0.409967	0.889384	-1.12437	0.736186	1.04817	1.04817	0.270669	1.17299	1.17299	0.772605	0.960493	-1.04113	1.39E-07	10.0399	10.0399	0.39808	0.886592	-1.12791	37.2776	11.4268	0.272472	1
cg17307479	BHLHE22	7.90E-05	0.0451216	0.486034	-2.05747	0.00307698	3.56698	3.56698	0.558553	1.20403	1.20403	0.0903416	0.556698	-1.79631	0.383272	0.755329	-1.32393	0.415924	0.770313	-1.29817	0.00142302	0.234902	-4.2571	2.39E-06	36.5588	36.5588	0.143376	1.63807	1.63807	23.5811	36.7872	1.38669	1
cg06219793	BHLHE22	0.000190008	0.0102199	0.645917	-1.54819	0.715149	0.951728	-1.05072	0.383537	0.886373	-1.12819	0.864834	0.977264	-1.02326	0.217758	0.839437	-1.19127	0.088334	0.775823	-1.28895	0.105444	0.787595	-1.26969	3.17E-06	4.44207	4.44207	0.748332	1.04441	1.04441	18.6281	5.37588	0.256524	1
cg22766145	BHLHE22	0.000904977	0.854978	0.972262	-1.02853	0.0299755	0.675314	-1.48079	0.233446	1.21177	1.21177	0.435474	1.13013	1.13013	0.972296	1.00535	1.00535	0.56245	0.913895	-1.09422	0.0615252	0.72337	-1.38242	1.51E-05	3.96937	3.96937	0.89164	1.02118	1.02118	12.1038	4.53173	0.332804	1
cg13282152	BHLHE22	0.00208527	0.00106509	4.69259	4.69259	0.0450113	2.08588	2.08588	0.197198	1.54606	1.54606	0.294804	0.706625	-1.41518	0.721667	0.891972	-1.12111	0.620079	1.17318	1.17318	0.376576	1.33643	1.33643	0.000113597	8.72129	8.72129	0.00529754	3.2369	3.2369	9.52522	15.4096	1.43801	1
cg26988406	BHLHE22	0.0305987	0.0423721	2.12027	2.12027	0.139091	1.66829	1.66829	0.0953052	1.80244	1.80244	0.0944296	1.80581	1.80581	0.336494	0.727188	-1.37516	0.60956	0.847402	-1.18008	0.120184	0.581637	-1.71928	0.00348548	3.57642	3.57642	0.25374	1.4669	1.4669	4.05822	6.64209	1.45484	1
cg07205627	BHLHE22;BHLHE22	0.0114147	0.00290311	0.0523808	-19.091	0.0155041	0.117745	-8.49292	0.00957263	0.0940656	-10.6309	0.0170945	0.123145	-8.12052	0.080634	0.247582	-4.03906	0.0527091	0.204588	-4.88788	0.00375842	0.0597112	-16.7473	0.0556774	0.209665	-4.7695	0.0179162	0.12582	-7.94789	5.66447	46.5717	7.3082	1
cg02982690	BHLHE22;BHLHE22	0.0117616	0.381865	1.18515	1.18515	0.00269841	2.19278	2.19278	0.44193	1.1601	1.1601	0.974754	0.994024	-1.00601	0.634191	0.913205	-1.09504	0.0479017	0.651567	-1.53476	0.697885	1.07668	1.07668	0.00141595	2.3987	2.3987	0.559077	0.894135	-1.1184	5.60988	3.18737	0.505041	1
cg03885271	BHLHE23	0.000771177	0.960422	1.01068	1.01068	0.0378286	0.597125	-1.67469	0.00204282	2.53618	2.53618	0.504448	0.865002	-1.15607	0.784965	1.06031	1.06031	0.509049	0.866394	-1.15421	0.799814	0.947049	-1.05591	1.98E-05	6.36366	6.36366	0.637745	0.903443	-1.10688	12.6621	9.19258	0.645326	1
cg14373923	BHLHE23	0.000954404	0.49408	1.0846	1.0846	0.0616845	1.27904	1.27904	0.0184051	1.39717	1.39717	0.463299	0.916402	-1.09122	0.0894984	0.803374	-1.24475	0.00581672	0.655487	-1.52558	0.000164145	0.471663	-2.12016	0.00223076	1.65007	1.65007	0.20304	0.854586	-1.17016	11.9231	2.58237	0.19252	1
cg06135139	BHLHE23	0.00440648	0.468418	0.924789	-1.08133	0.742412	0.965648	-1.03557	0.497402	1.07575	1.07575	0.132713	0.842028	-1.18761	0.07059	0.807216	-1.23883	0.414393	0.915367	-1.09246	0.233555	0.876013	-1.14154	0.000132891	2.01825	2.01825	0.0620046	1.24947	1.24947	7.62613	1.35681	0.158147	1
cg27501878	BHLHE23	0.00511808	0.0204902	1.84082	1.84082	0.411117	0.832197	-1.20164	0.628245	0.898853	-1.11253	0.217078	1.32822	1.32822	0.106216	0.680059	-1.47046	0.106994	0.680746	-1.46898	0.511588	0.864593	-1.15661	0.000369503	3.47574	3.47574	0.0156396	1.91111	1.91111	7.28645	5.51214	0.672437	1
cg06550340	BHLHE23	0.0102908	0.0738001	1.24706	1.24706	0.00301004	1.56931	1.56931	0.523716	1.07422	1.07422	0.266619	1.13681	1.13681	0.207527	0.863084	-1.15864	0.51044	0.928709	-1.07676	0.176636	0.852886	-1.17249	0.002411	1.59716	1.59716	0.0234489	1.34974	1.34974	5.85661	1.13846	0.17279	1
cg14043737	BHLHE23	0.0156015	0.722847	1.07606	1.07606	0.655831	0.911799	-1.09673	0.309856	1.2415	1.2415	0.122139	1.41182	1.41182	0.908049	1.02407	1.02407	0.312969	1.23966	1.23966	0.140025	0.721205	-1.38657	0.000314196	3.32761	3.32761	0.680199	0.91822	-1.08906	5.11366	3.4317	0.596521	1
cg06228507	BHLHE23;BHLHE23	0.000192438	0.089192	0.735062	-1.36043	0.296141	0.837028	-1.1947	0.550992	1.10414	1.10414	0.102001	0.745333	-1.34168	0.177622	0.790355	-1.26525	0.875082	0.974496	-1.02617	0.100489	0.74418	-1.34376	3.00E-06	6.21726	6.21726	0.0367811	1.48938	1.48938	18.5641	7.92888	0.379652	1
cg12591404	BHLHE40	0.00538525	0.182822	0.813141	-1.2298	0.00426936	1.74966	1.74966	0.300005	1.17019	1.17019	0.0396539	0.706014	-1.4164	0.668444	1.06507	1.06507	0.546931	1.0933	1.0933	0.099481	0.76781	-1.30241	0.707313	1.05674	1.05674	0.000520177	2.20755	2.20755	7.17382	2.43274	0.301435	1
cg14814876	BHLHE40	0.0267132	0.0928356	0.811631	-1.23209	0.012094	0.702493	-1.4235	0.010113	1.44229	1.44229	0.38685	1.1053	1.1053	0.562472	1.06832	1.06832	0.762786	0.966412	-1.03476	0.045986	1.2945	1.2945	0.248654	1.1458	1.1458	0.20815	1.16158	1.16158	4.25758	0.858982	0.179337	1
cg08587820	BHLHE40	0.0358465	0.00729873	0.320449	-3.12062	0.445568	0.774311	-1.29147	0.0720397	1.93575	1.93575	0.0935441	0.545152	-1.83435	0.158701	0.609226	-1.64143	0.0911323	0.542214	-1.84429	0.0742801	1.92362	1.92362	0.682256	1.14499	1.14499	0.5372	1.22817	1.22817	3.83378	6.56975	1.52324	1
cg05232853	BHLHE41	7.89E-05	0.297423	0.934667	-1.0699	0.0982933	1.12009	1.12009	0.0193753	0.837908	-1.19345	0.0404332	0.862391	-1.15957	0.247664	0.927189	-1.07853	0.00593443	0.798463	-1.25241	5.60E-05	0.625991	-1.59747	1.67E-05	1.73874	1.73874	0.00510782	1.2604	1.2604	23.585	1.46132	0.0550752	1
cg10049913	BHLHE41	0.0434434	0.00724735	0.506396	-1.97474	0.504929	0.875567	-1.14212	0.273374	0.799408	-1.25093	0.330803	1.21785	1.21785	0.209214	0.771077	-1.29689	0.112411	0.712164	-1.40417	0.0384573	0.624376	-1.6016	0.0141132	0.551582	-1.81297	0.423426	1.17419	1.17419	3.57218	2.18244	0.54307	1
cg13089947	BHLHE41;BHLHE41	0.0230324	0.205468	1.15759	1.15759	0.0595533	1.26233	1.26233	0.211117	1.15527	1.15527	0.580634	1.06304	1.06304	0.869718	0.982178	-1.01815	0.00825659	0.690688	-1.44783	0.0269218	0.750451	-1.33253	0.0474597	1.28198	1.28198	0.119373	1.2034	1.2034	4.48268	0.852086	0.168963	1
cg03046445	BHLHE41;BHLHE41	0.032534	0.720063	1.09117	1.09117	0.896512	0.968941	-1.03205	0.752121	0.926052	-1.07985	0.648466	0.894682	-1.11772	0.200794	0.720646	-1.38764	0.516089	0.852446	-1.1731	0.623483	1.12746	1.12746	0.01717	2.02205	2.02205	0.00162044	2.99048	2.99048	3.97027	3.69647	0.82759	1
cg07418518	BHMT	0.00308058	0.000989871	0.253313	-3.94769	0.000220847	0.177904	-5.621	0.00508825	0.353864	-2.82595	0.140294	0.640747	-1.56068	0.199992	0.683965	-1.46206	0.20456	0.686876	-1.45587	0.10158	0.604776	-1.65351	0.338046	0.757987	-1.31928	0.00354491	0.329924	-3.031	8.49102	10.5857	1.10818	1
cg18483750	BHMT	0.0115008	0.847117	0.927675	-1.07796	0.0185722	0.329516	-3.03475	0.0274458	0.362577	-2.75803	0.00913988	0.275875	-3.62482	0.00252669	0.195797	-5.10733	0.605133	0.816391	-1.2249	0.665343	1.18443	1.18443	0.735988	1.14068	1.14068	0.00445842	0.228702	-4.3725	5.65073	13.5384	2.12966	1
cg23514016	BHMT	0.0195696	0.0335455	15.2048	15.2048	0.0572236	10.5684	10.5684	0.224247	4.05233	4.05233	0.0787575	8.49764	8.49764	0.0123002	30.4829	30.4829	0.0384083	13.8638	13.8638	0.00150187	150.556	150.556	0.0216653	20.5254	20.5254	0.0467855	12.1211	12.1211	4.73943	90.1725	16.912	1
cg23987322	BHMT	0.0261842	0.0744249	3.04029	3.04029	0.0608514	3.26127	3.26127	0.435408	1.56078	1.56078	0.218487	2.06287	2.06287	0.0281968	4.26222	4.26222	0.127189	2.51635	2.51635	0.00110525	14.7329	14.7329	0.0267497	4.34155	4.34155	0.053698	3.40617	3.40617	4.28748	21.2519	4.40598	1
cg09550809	BHMT	0.0279742	0.0401306	5.52615	5.52615	0.0829815	3.98951	3.98951	0.215106	2.56145	2.56145	0.0825169	3.99963	3.99963	0.0186496	7.81044	7.81044	0.0610115	4.58107	4.58107	0.00219982	22.0716	22.0716	0.0183683	7.86487	7.86487	0.0753252	4.16742	4.16742	4.18914	34.4717	7.31451	1
cg18058747	BHMT	0.0326489	0.0363796	10.0687	10.0687	0.0870677	6.01209	6.01209	0.218833	3.41358	3.41358	0.191818	3.71265	3.71265	0.0629686	7.28515	7.28515	0.241029	3.20653	3.20653	0.00202147	62.425	62.425	0.0179264	15.3479	15.3479	0.0315066	10.9624	10.9624	3.96525	56.6005	12.6881	1
cg11770080	BHMT	0.0394107	0.034082	22.5008	22.5008	0.0248918	28.8105	28.8105	0.0981688	9.81226	9.81226	0.244565	4.62968	4.62968	0.0901699	10.4957	10.4957	0.486883	2.43345	2.43345	0.00431186	122.025	122.025	0.0201307	34.089	34.089	0.0464284	17.6659	17.6659	3.70331	92.9524	22.311	1
cg13695646	BHMT	0.045801	0.0733951	3.1107	3.1107	0.113412	2.66251	2.66251	0.221178	2.0773	2.0773	0.0957253	2.82987	2.82987	0.07022	3.15986	3.15986	0.0344297	4.0648	4.0648	0.0036232	9.37548	9.37548	0.0327948	4.13544	4.13544	0.050291	3.55556	3.55556	3.50228	17.9249	4.54938	1
cg10790672	BHMT2	0.00699738	0.00150826	0.170305	-5.87183	0.486455	1.31495	1.31495	0.0180709	0.328945	-3.04002	0.00294168	0.205713	-4.86114	0.0136653	0.306994	-3.25739	0.52242	1.28532	1.28532	0.0260648	0.359702	-2.78008	0.539929	1.27159	1.27159	0.11847	0.518792	-1.92756	6.61589	15.7088	2.11059	1
cg03400060	BHMT2;DMGDH	0.000101741	6.23E-05	6.39083	6.39083	8.94E-05	5.82841	5.82841	0.00480421	2.56159	2.56159	0.00137919	3.20973	3.20973	0.00732755	2.38459	2.38459	0.000356787	4.2227	4.2227	0.000514769	3.90616	3.90616	1.95E-05	8.81952	8.81952	0.00113951	3.32954	3.32954	22.0385	22.0558	0.889584	1
cg01902605	BHMT2;DMGDH	0.000690418	0.498508	0.792345	-1.26208	4.41E-05	13.7832	13.7832	0.00109712	5.10811	5.10811	0.0632505	2.02921	2.02921	0.198147	0.630827	-1.58522	0.0595172	2.05538	2.05538	0.00341745	3.848	3.848	0.00181775	4.4887	4.4887	0.0376297	2.26355	2.26355	13.0613	23.7375	1.61546	1
cg08328513	BHMT2;DMGDH	0.0089582	0.0371152	8.02221	8.02221	0.00108176	63.5202	63.5202	0.0262394	9.66358	9.66358	0.0844358	5.16636	5.16636	0.611754	1.5533	1.5533	0.656017	0.679972	-1.47065	0.015166	13.0213	13.0213	0.00348409	30.2912	30.2912	0.0218133	10.6782	10.6782	6.12141	71.7628	10.4207	1
cg06501366	BHMT2;DMGDH	0.0145692	0.0276533	6.41265	6.41265	0.0021163	21.8439	21.8439	0.0622159	4.47388	4.47388	0.0479263	5.02261	5.02261	0.663146	1.36725	1.36725	0.779065	0.818137	-1.22229	0.00616675	12.8033	12.8033	0.012686	9.12413	9.12413	0.0432161	5.25825	5.25825	5.2308	42.199	7.17102	1
cg06787519	BHMT2;DMGDH	0.0247997	0.0868326	0.617396	-1.61971	0.171718	0.690037	-1.4492	0.00373198	0.368364	-2.71471	0.0783169	0.607304	-1.64662	0.0298365	0.521091	-1.91905	0.130743	0.659598	-1.51608	0.18815	0.700744	-1.42706	0.0168714	0.475505	-2.10303	0.0043776	0.378903	-2.6392	4.36943	4.49984	0.915418	1
cg02286091	BHMT;BHMT	0.0422171	0.0255182	47.0369	47.0369	0.0368609	33.712	33.712	0.187257	7.59943	7.59943	0.0831759	16.1703	16.1703	0.0351054	35.2305	35.2305	0.0438682	28.8156	28.8156	0.00574593	191.098	191.098	0.0471893	26.9819	26.9819	0.0809694	16.5701	16.5701	3.61041	120.386	29.6392	1
cg05938607	BICC1	5.80E-05	9.49E-05	0.307847	-3.24837	3.21E-05	0.25385	-3.93933	0.00129722	0.452026	-2.21226	0.590018	1.09656	1.09656	0.00258229	0.492727	-2.02952	0.000463273	0.39321	-2.54317	2.40E-05	0.239984	-4.16695	5.84E-05	0.283133	-3.53191	0.00252113	0.491291	-2.03545	25.5991	11.6418	0.404243	1
cg27235228	BICC1	0.000279649	0.897928	1.02237	1.02237	3.34E-05	0.249729	-4.00433	0.000578839	0.399403	-2.50373	0.00573148	0.535577	-1.86715	0.0128819	0.587217	-1.70295	0.0128111	0.586857	-1.70399	0.182709	1.27606	1.27606	9.78E-05	0.303131	-3.2989	0.0493236	0.679237	-1.47224	16.7692	7.89379	0.418428	1
cg11142981	BICC1	0.000525396	0.000940655	0.480026	-2.08322	0.00809724	0.603885	-1.65594	0.232474	0.830069	-1.20472	0.000918735	0.478706	-2.08896	0.324048	1.16357	1.16357	0.1687	0.804006	-1.24377	4.05E-05	0.311793	-3.20726	0.511499	1.10412	1.10412	0.00186068	0.518521	-1.92856	14.0953	4.93917	0.311478	1
cg09578524	BICC1	0.000992071	0.0390628	1.39018	1.39018	0.000258483	0.436347	-2.29175	0.105499	1.27626	1.27626	0.616418	0.932708	-1.07215	0.00012416	0.397387	-2.51644	0.204191	0.831253	-1.203	0.745746	0.956115	-1.0459	0.674365	0.943378	-1.06002	0.0160812	0.6661	-1.50128	11.7931	3.55346	0.267837	1
cg12135457	BICC1	0.00128282	0.0895277	1.26705	1.26705	0.0222266	1.41417	1.41417	0.635909	0.941482	-1.06215	0.206838	1.18333	1.18333	0.0672846	1.29598	1.29598	1.42E-05	3.13821	3.13821	0.0569302	1.31312	1.31312	0.178243	1.19825	1.19825	0.919891	0.987361	-1.0128	10.9607	2.77528	0.225068	1
cg23799393	BICC1	0.00188331	0.0567186	0.524725	-1.90576	0.519773	0.822748	-1.21544	0.00164499	0.259875	-3.848	0.75502	1.09811	1.09811	4.26E-05	0.0976751	-10.238	0.769521	0.915898	-1.09182	0.0514497	0.51531	-1.94058	0.101265	0.584771	-1.71007	0.0312111	0.469584	-2.12955	9.81204	13.8933	1.25862	1
cg02913832	BICC1	0.00294086	0.805615	1.03235	1.03235	0.00506195	0.619658	-1.61379	0.58536	1.07373	1.07373	0.155164	1.21706	1.21706	0.0699349	0.76976	-1.29911	0.00191799	1.76347	1.76347	0.000626457	1.97207	1.97207	0.322862	1.14095	1.14095	0.471229	1.09926	1.09926	8.60887	2.27353	0.234748	1
cg02387380	BICC1	0.00487931	0.0631648	0.594631	-1.68171	0.142364	1.48033	1.48033	0.00979791	0.443863	-2.25295	0.00793559	0.428813	-2.33202	0.00482975	0.394617	-2.5341	0.093315	1.58272	1.58272	0.0126415	2.16212	2.16212	0.498663	0.842953	-1.18631	0.0787993	0.61538	-1.62501	7.3935	7.24456	0.870982	1
cg08466030	BICC1	0.00776911	0.0492968	0.621453	-1.60913	0.0540489	1.58976	1.58976	0.234093	1.3027	1.3027	0.957722	1.0113	1.0113	0.000901135	0.348834	-2.86669	0.48417	0.860084	-1.16268	0.655775	1.09978	1.09978	0.0141683	1.89964	1.89964	0.101233	0.683551	-1.46295	6.40282	4.55756	0.632715	1
cg01439560	BICC1	0.0100144	0.0654478	0.477349	-2.0949	0.00310326	0.235273	-4.25037	0.48711	0.77685	-1.28725	0.0647915	2.09961	2.09961	0.11477	1.84667	1.84667	0.00810514	3.36177	3.36177	0.0414328	2.31889	2.31889	0.836156	1.07687	1.07687	0.833243	1.07832	1.07832	5.90789	11.9678	1.80066	1
cg07567376	BICC1	0.0122851	0.443483	0.84664	-1.18114	0.00667402	2.11682	2.11682	0.09658	0.677927	-1.47509	0.00495248	0.452533	-2.20978	0.199165	0.748959	-1.33519	0.434593	1.18516	1.18516	0.0621429	0.639248	-1.56434	0.115951	1.43916	1.43916	0.149845	1.38954	1.38954	5.53116	3.9773	0.639175	1
cg18458017	BICC1	0.0125641	0.030326	0.49086	-2.03724	0.121652	0.625639	-1.59837	0.992064	0.997224	-1.00278	0.0410592	0.517434	-1.93261	0.00138513	0.273703	-3.6536	0.279039	0.730112	-1.36965	0.0451888	0.526114	-1.90073	0.00370704	0.334235	-2.99191	0.0126697	0.420614	-2.37748	5.49089	6.79317	1.09971	1
cg09696939	BICC1	0.0245011	0.859693	0.910849	-1.09788	0.846489	0.902766	-1.10771	0.0350567	0.273621	-3.65468	0.786504	1.15405	1.15405	0.57661	1.34675	1.34675	0.996243	1.00249	1.00249	0.000833791	0.0703579	-14.213	0.133725	2.34806	2.34806	0.589032	1.33356	1.33356	4.38786	19.356	3.92113	1
cg22557725	BICC1	0.0297352	0.0158437	0.158563	-6.30665	0.0649007	0.274776	-3.63932	0.0613294	0.268813	-3.72006	0.125159	0.35546	-2.81325	0.0406558	0.229267	-4.36173	0.0487794	0.246013	-4.06482	0.00399731	0.0897444	-11.1428	0.336107	0.538984	-1.85534	0.0120122	0.141934	-7.04552	4.09971	25.2144	5.46692	1
cg27040468	BICC1	0.0360432	0.175662	0.571262	-1.75051	0.411063	0.721204	-1.38657	0.198667	0.589696	-1.69579	0.0232936	0.348468	-2.8697	0.00626829	0.250374	-3.99402	0.0483374	0.415941	-2.40418	0.00502954	0.236272	-4.2324	0.75712	0.886371	-1.1282	0.0807482	0.47094	-2.12341	3.82617	9.16146	2.12837	1
cg17916427	BICC1;LOC728640	0.000720575	0.00181974	0.558816	-1.7895	0.0898789	0.782328	-1.27824	0.000405448	0.478034	-2.0919	0.000671928	0.50507	-1.97992	7.40E-05	0.388389	-2.57474	0.0211345	0.694856	-1.43915	0.989833	0.998328	-1.00167	0.0148652	0.674763	-1.482	0.0173996	0.683715	-1.4626	12.9057	3.52412	0.242726	1
cg26159090	BICC1;LOC728640	0.0065705	0.254203	0.736769	-1.35728	0.41652	1.23745	1.23745	0.685054	0.900669	-1.11029	0.872947	0.95977	-1.04192	7.07E-05	0.155719	-6.42183	0.724764	0.91329	-1.09494	0.58824	0.869146	-1.15056	0.488154	0.834683	-1.19806	0.11626	0.645366	-1.54951	6.74675	7.0341	0.926748	1
cg13684625	BICC1;LOC728640	0.0365783	0.0106548	0.525111	-1.90436	0.158532	1.35308	1.35308	0.529503	0.880039	-1.13631	0.203511	0.76394	-1.309	0.981487	0.995356	-1.00467	0.0318236	0.603658	-1.65657	0.381984	1.19707	1.19707	0.846213	0.961793	-1.03972	0.00828798	0.50805	-1.96831	3.80572	2.42587	0.566603	1
cg23963517	BICC1;LOC728640	0.0403157	0.199858	0.759555	-1.31656	0.149704	1.36841	1.36841	0.0950208	0.688982	-1.45142	0.368278	0.828895	-1.20643	0.00133467	0.387847	-2.57833	0.123319	0.712494	-1.40352	0.83699	0.959027	-1.04272	0.54571	0.883226	-1.13221	0.377036	0.831873	-1.20211	3.67248	2.39855	0.580545	1
cg04141129	BICD1;BICD1	7.34E-05	0.000184939	0.211988	-4.71725	0.0576026	0.590152	-1.69448	0.000452034	0.257172	-3.88845	0.131544	0.67042	-1.4916	3.40E-05	0.139276	-7.17997	2.96E-05	0.134019	-7.4616	2.39E-05	0.126294	-7.91806	0.316405	0.775377	-1.28969	0.003739	0.382276	-2.61591	24.0414	22.9703	0.849286	1
cg15075784	BICD1;BICD1	0.00141164	0.0729066	0.792815	-1.26133	0.00497942	1.53945	1.53945	0.845908	0.977673	-1.02284	9.62E-05	0.446971	-2.23728	0.0999399	0.811222	-1.23271	0.712589	1.04388	1.04388	0.00681265	1.50208	1.50208	0.536186	0.929882	-1.07541	0.831217	0.975533	-1.02508	10.6641	2.27478	0.18961	1
cg01321189	BICD1;BICD1	0.00159485	0.00342775	0.444875	-2.24782	0.0253058	1.71899	1.71899	0.428765	1.17888	1.17888	0.075415	1.49666	1.49666	0.000354925	0.310897	-3.21649	0.869545	0.967069	-1.03405	0.00907803	0.50894	-1.96487	0.0431212	1.60648	1.60648	0.0539842	0.640426	-1.56146	10.296	6.76732	0.584246	1
cg08802990	BICD1;BICD1	0.0017859	0.0304074	0.858617	-1.16466	0.00378475	1.2637	1.2637	0.00356882	1.26681	1.26681	0.604581	1.03179	1.03179	0.00712684	1.23149	1.23149	0.147086	0.910996	-1.0977	0.107539	0.900122	-1.11096	0.247762	0.930165	-1.07508	0.000928491	1.34475	1.34475	9.96448	0.566429	0.0505287	1
cg07301242	BICD1;BICD1	0.00925686	0.000627828	0.131328	-7.61453	0.195713	0.589556	-1.69619	0.0277869	0.366314	-2.7299	0.799545	0.906414	-1.10325	0.0575752	0.436377	-2.29159	0.547274	0.790424	-1.26514	0.161475	1.7814	1.7814	0.00871755	0.275109	-3.63492	0.0268423	0.363265	-2.75281	6.05798	14.3069	2.09925	1
cg17173975	BICD1;BICD1	0.0186965	0.99233	0.997604	-1.0024	0.509058	0.846083	-1.18192	0.00213874	2.93368	2.93368	0.229728	1.36951	1.36951	0.253576	1.3465	1.3465	0.588863	0.872705	-1.14586	0.0875274	1.60101	1.60101	0.00537325	2.49588	2.49588	0.0190791	2.02979	2.02979	4.81317	4.74612	0.876507	1
cg08039583	BICD1;BICD1	0.0264966	0.648071	0.863167	-1.15852	0.0118043	2.73683	2.73683	0.233592	1.49163	1.49163	0.900067	1.04105	1.04105	0.00514853	0.306355	-3.26418	0.578838	1.19666	1.19666	0.323569	0.721475	-1.38605	0.504438	1.24221	1.24221	0.0414929	0.471075	-2.12281	4.26973	6.93302	1.44334	1
cg13587621	BICD2;BICD2	0.00025183	0.0960233	1.24261	1.24261	0.972767	1.00406	1.00406	0.0367802	0.749565	-1.33411	0.0103219	1.46815	1.46815	4.45E-06	0.285002	-3.50875	0.208581	0.854253	-1.17061	0.672825	1.05177	1.05177	0.0440955	0.759674	-1.31635	0.434353	0.909565	-1.09943	17.2556	3.85905	0.198791	1
cg13254840	BICD2;BICD2	0.0155193	0.835285	1.05498	1.05498	0.759231	1.08223	1.08223	0.678783	0.898481	-1.11299	0.684386	0.900276	-1.11077	0.000309603	0.222089	-4.50269	0.975697	0.9922	-1.00786	0.0677831	1.69202	1.69202	0.203804	0.708381	-1.41167	0.62872	0.882278	-1.13343	5.12264	5.36112	0.930271	1
cg21439463	BICD2;BICD2	0.0394586	0.976662	1.00519	1.00519	0.0317687	1.56128	1.56128	0.0262088	1.59486	1.59486	0.990736	1.00206	1.00206	0.288569	1.21531	1.21531	0.951198	1.01089	1.01089	0.00609837	0.530655	-1.88446	0.198603	1.27183	1.27183	0.769969	1.05327	1.05327	3.70165	1.8366	0.441029	1
cg04269907	BICD2;BICD2	0.0442109	0.692901	0.819675	-1.22	0.220654	1.90612	1.90612	0.638446	0.788918	-1.26756	0.0164659	0.230342	-4.34137	0.0262628	0.266989	-3.74547	0.00501398	0.15568	-6.42343	0.644802	0.79251	-1.26181	0.167907	0.478899	-2.08812	0.785605	0.872322	-1.14637	3.54892	14.1063	3.53315	1
cg08439468	BICD2;BICD2	0.044807	0.600987	1.07652	1.07652	0.202833	1.20668	1.20668	0.0357012	1.40716	1.40716	0.377604	1.13486	1.13486	0.444237	0.896738	-1.11515	0.1793	0.819275	-1.22059	0.0192891	0.673345	-1.48512	0.521989	0.913305	-1.09493	0.0244411	1.45448	1.45448	3.5312	1.09208	0.274903	1
cg14181777	BICD2;BICD2	0.046397	0.449404	0.907159	-1.10234	0.957326	1.00679	1.00679	0.519356	0.920748	-1.08607	0.981729	1.0029	1.0029	0.211012	0.846548	-1.18127	0.0229969	1.41022	1.41022	0.00688634	1.55619	1.55619	0.124624	0.810452	-1.23388	0.25856	0.861557	-1.16069	3.48531	0.882047	0.224956	1
cg01388022	BID;BID;BID	0.00532042	0.094616	1.62245	1.62245	0.789115	0.931824	-1.07316	0.00102847	0.277676	-3.60132	0.172905	1.46528	1.46528	0.0911816	0.612589	-1.63242	0.117218	0.638761	-1.56553	0.00305453	0.343458	-2.91156	0.0430426	1.84639	1.84639	0.325352	0.765286	-1.3067	7.2005	7.91237	0.976768	1
cg22182142	BIK	0.000133552	0.000406379	0.511498	-1.95504	0.0246075	0.726605	-1.37626	0.00675204	0.657718	-1.52041	0.0367698	0.748676	-1.33569	0.000118156	0.447554	-2.23437	6.02E-06	0.298009	-3.3556	0.0676676	0.78331	-1.27663	0.052236	0.768414	-1.30138	0.0829328	1.25743	1.25743	20.4876	4.61898	0.200402	1
cg27382058	BIK	0.000657674	0.0222339	0.872941	-1.14555	0.770948	0.985629	-1.01458	0.695753	0.980702	-1.01968	0.000619168	1.29852	1.29852	0.340256	0.952436	-1.04994	0.138689	0.924009	-1.08224	0.000131841	0.71972	-1.38943	0.00564623	1.19732	1.19732	0.0560668	1.11326	1.11326	13.2401	0.51554	0.0346113	1
cg04496246	BIK	0.000665528	0.213679	0.725727	-1.37793	0.611515	1.13361	1.13361	0.223119	1.36809	1.36809	0.140123	1.47495	1.47495	0.156397	1.44946	1.44946	0.0150553	0.481171	-2.07826	0.00212784	0.347511	-2.8776	2.21E-05	0.124246	-8.04854	0.903153	1.03025	1.03025	13.1962	12.5282	0.843895	1
cg17967224	BIK	0.000950247	0.394022	0.95084	-1.0517	0.021667	0.852844	-1.17255	0.185192	0.922075	-1.08451	0.464226	0.9579	-1.04395	0.979649	1.00147	1.00147	0.805129	1.01437	1.01437	0.02741	0.860144	-1.1626	7.34E-05	1.5164	1.5164	0.00131224	1.31003	1.31003	11.9379	0.63033	0.046934	1
cg08411536	BIK	0.00255032	0.0290566	0.647873	-1.54351	0.000595445	0.408914	-2.4455	0.00136017	0.456356	-2.19127	0.0053708	0.538756	-1.85613	0.125287	0.755839	-1.32303	0.423004	0.871036	-1.14806	0.170218	1.27947	1.27947	0.119098	1.33027	1.33027	0.24372	1.22849	1.22849	8.97919	4.04798	0.400727	1
cg01341487	BIK	0.00437715	0.051945	0.735765	-1.35913	0.00143079	0.527359	-1.89624	0.131388	0.797721	-1.25357	0.24689	1.18295	1.18295	0.0109913	0.642287	-1.55694	0.399913	0.887303	-1.12701	0.000336303	0.448333	-2.23048	0.304126	0.86271	-1.15914	0.770324	1.04146	1.04146	7.64158	2.33018	0.271053	1
cg19067897	BIK	0.00501013	0.000427178	0.349243	-2.86334	0.445127	1.15816	1.15816	0.045076	1.54306	1.54306	0.00808875	0.527409	-1.89606	0.0464219	0.650302	-1.53775	0.0661168	1.47531	1.47531	0.393468	0.847983	-1.17927	0.836377	0.96174	-1.03978	0.468442	0.870093	-1.1493	7.33406	4.13337	0.500964	1
cg25018755	BIK	0.00770437	0.647515	0.943668	-1.05969	0.0015452	1.77452	1.77452	0.0174095	1.44002	1.44002	0.143922	0.820578	-1.21865	0.618306	0.938694	-1.06531	0.219324	0.84985	-1.17668	0.135885	0.816757	-1.22435	0.0268271	1.39142	1.39142	0.0151585	1.45612	1.45612	6.41966	1.61289	0.223327	1
cg26453588	BIK	0.0248429	0.114404	0.611225	-1.63606	0.00523725	0.347876	-2.87459	0.00316409	0.31473	-3.17732	0.814422	1.06974	1.06974	0.114039	0.610868	-1.63701	0.517498	0.828512	-1.20698	0.0807855	0.573983	-1.74221	0.321888	0.745732	-1.34096	0.197631	1.47761	1.47761	4.3668	5.68462	1.15714	1
cg10432177	BIK	0.0297248	0.275359	0.909731	-1.09923	0.0302387	1.23665	1.23665	0.0352854	1.22677	1.22677	0.0106941	1.30667	1.30667	0.573447	1.04857	1.04857	0.130811	0.872828	-1.1457	0.382444	1.07753	1.07753	0.028509	1.24045	1.24045	0.39184	0.929473	-1.07588	4.10022	0.451332	0.0978445	1
cg03015585	BIK	0.042756	0.619049	0.883086	-1.13239	0.0186982	0.493149	-2.02778	0.00319564	0.368436	-2.71418	0.40379	1.23604	1.23604	0.295275	0.763963	-1.30896	0.192156	1.4084	1.4084	0.649953	1.12	1.12	0.886719	0.96526	-1.03599	0.230779	0.732103	-1.36593	3.59345	3.50188	0.86624	1
cg14971586	BIK	0.0481377	0.0745852	0.348325	-2.87088	0.574202	0.739761	-1.35179	0.0183773	0.218931	-4.56765	0.00735897	0.159769	-6.25904	0.0106755	0.181934	-5.49649	0.334835	0.589734	-1.69568	0.0817907	0.359151	-2.78434	0.181531	0.47093	-2.12346	0.105399	0.390898	-2.55821	3.43725	15.3465	3.96868	1
cg22156735	BIK;BIK	0.0194696	0.523358	1.25799	1.25799	0.0135129	0.337951	-2.95901	0.00181907	0.207468	-4.82001	0.55233	0.807882	-1.2378	0.539645	1.24652	1.24652	0.926872	0.967949	-1.03311	0.403846	1.35408	1.35408	0.168071	1.68422	1.68422	0.0901867	1.93993	1.93993	4.74767	9.46852	1.77276	1
cg08663425	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.000122104	0.0638961	1.36463	1.36463	0.000876698	0.47484	-2.10597	0.000508638	0.444594	-2.24924	0.0309402	1.45963	1.45963	0.0251181	0.6719	-1.48832	0.313023	0.855755	-1.16856	0.000975217	0.480805	-2.07985	0.0027933	1.84986	1.84986	0.000112831	2.75249	2.75249	20.9869	7.40616	0.313684	1
cg26467631	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.00114948	0.825448	1.03427	1.03427	0.0366482	1.44838	1.44838	0.0759487	1.35164	1.35164	0.0267229	1.49258	1.49258	0.00599141	0.578099	-1.72981	0.00206677	0.515879	-1.93844	0.00197055	1.9488	1.9488	0.00135333	2.03396	2.03396	0.166291	1.25257	1.25257	11.3097	4.16937	0.327693	1
cg25228746	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.00189044	0.49925	1.19992	1.19992	0.0100297	2.37182	2.37182	0.113326	1.58071	1.58071	0.0011167	3.58095	3.58095	0.269019	0.736469	-1.35783	0.187152	1.44992	1.44992	0.766532	0.923929	-1.08233	7.17E-05	6.83732	6.83732	0.515388	1.19156	1.19156	9.80128	10.9606	0.994026	1
cg22376361	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0105687	0.658805	0.900845	-1.11007	0.269826	0.763371	-1.30998	0.00923055	0.460002	-2.1739	0.316019	1.27584	1.27584	0.00523718	0.420859	-2.37609	0.00159554	0.34494	-2.89906	0.0192514	0.514091	-1.94518	0.537491	1.15802	1.15802	0.688769	0.909729	-1.09923	5.80677	5.07817	0.777357	1
cg13293246	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0111396	0.461371	0.896971	-1.11486	0.0545029	0.728828	-1.37207	0.0409248	0.710265	-1.40793	0.431432	0.890092	-1.12348	0.0939705	1.30607	1.30607	0.186847	1.22493	1.22493	0.000941808	2.04479	2.04479	0.170743	0.809362	-1.23554	0.748601	0.954446	-1.04773	5.70926	1.9011	0.295987	1
cg02446627	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0111998	0.00682397	0.400864	-2.49461	0.0435438	1.83196	1.83196	0.00169321	3.22182	3.22182	0.71064	0.907372	-1.10208	0.295779	1.32683	1.32683	0.345732	1.28826	1.28826	0.869061	1.04397	1.04397	0.0633419	1.72402	1.72402	0.0873471	1.63612	1.63612	5.69935	6.14142	0.957836	1
cg02161262	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0138003	0.153223	1.38499	1.38499	0.437402	0.844765	-1.18376	0.0804106	0.661679	-1.51131	0.142217	1.39931	1.39931	0.153654	0.722307	-1.38445	0.0244028	1.77029	1.77029	0.0191231	1.82918	1.82918	0.00239043	2.46287	2.46287	0.366235	1.21857	1.21857	5.32496	3.82445	0.638411	1
cg24998649	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0152358	0.0280869	3.04347	3.04347	0.0210848	3.2879	3.2879	0.951274	0.97412	-1.02657	0.42028	1.42375	1.42375	0.880803	1.0665	1.0665	0.243929	1.68724	1.68724	0.000885018	8.4793	8.4793	0.0113516	3.89625	3.89625	0.0366364	2.83459	2.83459	5.15403	15.028	2.5918	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02116471	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0175175	0.361431	0.760369	-1.31515	0.210082	1.47064	1.47064	0.00406398	0.324215	-3.08437	0.654271	0.876663	-1.14069	0.00111678	0.246147	-4.06262
cg04095651	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0200265	0.176563	0.880305	-1.13597	0.643133	1.04227	1.04227	0.0412941	1.2323	1.2323	0.0322314	0.800464	-1.24928	0.0353685	1.24288	1.24288
cg05157961	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0279783	0.176526	1.32542	1.32542	0.223192	1.28527	1.28527	0.0350373	1.61866	1.61866	0.347177	1.20902	1.20902	0.299239	1.23487	1.23487
cg22364819	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0288866	0.660182	1.11336	1.11336	0.149217	1.45552	1.45552	0.454466	1.20311	1.20311	0.615234	0.884268	-1.13088	0.462004	1.19929	1.19929
cg06380123	BIN2	1.63E-05	0.00417759	0.671245	-1.48977	0.0243783	1.32131	1.32131	2.15E-05	0.411459	-2.43038	0.00340154	0.661334	-1.51209	6.36E-06	0.351263	-2.84687
cg18610205	BIN2	0.000417491	0.158208	0.837602	-1.19388	0.9151	0.987551	-1.01261	0.0159228	0.706963	-1.4145	1.34E-05	0.342668	-2.91828	0.25005	0.868316	-1.15165
cg10590292	BIN2	0.00155484	0.156599	0.844552	-1.18406	0.0623377	0.791417	-1.26356	0.000764301	0.566392	-1.76556	0.00746122	0.681047	-1.46833	0.0882507	1.23335	1.23335
cg21022247	BIN2	0.00398612	0.0262588	0.581144	-1.72074	0.588092	0.893518	-1.11917	0.000791054	0.352016	-2.84078	0.350922	0.820639	-1.21856	0.00144832	0.387677	-2.57947
cg20994829	BIN2	0.00425708	0.139623	0.865728	-1.1551	0.42702	1.07634	1.07634	0.000533044	0.613221	-1.63073	0.0541287	0.820156	-1.21928	0.47102	1.06877	1.06877
cg00213177	BIN2	0.00703006	0.107526	0.528577	-1.89187	0.00572333	0.268469	-3.72482	0.00667649	0.278761	-3.58731	0.121576	0.543773	-1.839	0.0108565	0.31316	-3.19326
cg20306694	BIN2	0.0103881	0.0947597	0.716184	-1.39629	0.211447	1.27039	1.27039	0.0102484	0.555268	-1.80093	0.0915917	0.713405	-1.40173	0.0907527	1.4032	1.4032
cg08075204	BIN2	0.0164654	0.207781	0.657471	-1.52098	0.229163	1.48946	1.48946	0.0350361	0.460505	-2.17153	0.0466469	0.487109	-2.05293	0.0173374	2.4966	2.4966
cg02929431	BIN2	0.0303233	0.0137778	0.14474	-6.90892	0.0573796	0.255488	-3.91407	0.0193154	0.165938	-6.02634	0.0747169	0.283588	-3.52624	0.0120598	0.137067	-7.29569
cg14556909	BIN2	0.0346419	0.496998	0.787421	-1.26997	0.880569	0.949229	-1.05349	0.044598	0.449691	-2.22375	0.155736	0.590741	-1.69279	0.175923	1.6466	1.6466
cg24449885	BIN2	0.0389336	0.00327076	0.401346	-2.49162	0.357766	1.24032	1.24032	0.662352	0.904783	-1.10524	0.0494174	0.60011	-1.66636	0.333752	0.79689	-1.25488
cg24749672	BIN2	0.0465114	0.392015	0.714525	-1.39953	0.962317	0.982053	-1.01827	0.0277619	0.368959	-2.71033	0.0615997	0.446181	-2.24124	0.360351	1.43398	1.43398
cg11331803	BIN3	7.92E-07	1.88E-05	0.511674	-1.95437	1.47E-05	0.500267	-1.99893	8.20E-05	0.579087	-1.72686	0.377761	0.932717	-1.07214	4.42E-08	0.228462	-4.37709
cg03434823	BIN3	5.24E-05	0.00358876	0.586702	-1.70444	0.000536417	2.07152	2.07152	1.73E-05	0.304039	-3.28906	0.773152	0.961675	-1.03985	0.00182049	0.549253	-1.82065
cg08612190	BIN3	0.000907683	0.00033398	0.300207	-3.33104	0.0956385	0.683468	-1.46313	0.000383509	0.30773	-3.2496	0.000250775	0.28488	-3.51025	0.00651272	0.479438	-2.08578
cg19496639	BIN3	0.00195308	0.198185	1.26598	1.26598	0.0192927	0.612125	-1.63365	0.0910542	0.724112	-1.381	0.947721	0.988692	-1.01144	0.104791	0.735322	-1.35995
cg11786283	BIN3	0.00220247	0.118076	1.12635	1.12635	0.00368671	0.759422	-1.31679	0.00242784	0.743802	-1.34444	0.00738495	0.785032	-1.27383	0.0490886	0.854266	-1.1706
cg15942979	BIN3	0.00274774	0.0113091	0.68705	-1.4555	0.58082	0.936136	-1.06822	0.389103	1.11009	1.11009	0.934169	0.990272	-1.00982	0.89074	1.0164	1.0164
cg09094290	BIN3	0.00762333	0.244561	0.70774	-1.41295	0.0473902	0.525122	-1.90432	0.00032322	0.191764	-5.21474	0.0886599	0.586662	-1.70456	0.00167455	0.279153	-3.58226
cg07164659	BIN3	0.00764848	0.915787	0.980984	-1.01938	0.00127344	0.426095	-2.34689	0.0789312	0.701791	-1.42492	0.199183	1.27921	1.27921	0.422405	0.861787	-1.16038
cg08970457	BIN3	0.0196236	?	?	?	0.0198034	3.65839	3.65839	0.00491684	5.72532	5.72532	?	?	?	0.107768	0.451233	-2.21615
cg21553199	BIN3	0.0229078	0.00462701	0.283703	-3.52482	0.538058	1.23179	1.23179	0.108317	0.556678	-1.79637	0.417964	1.31885	1.31885	0.0142003	0.36364	-2.74997
cg00441932	BIN3	0.0300512	0.895875	0.97145	-1.02939	0.657223	0.905928	-1.10384	0.00274374	2.49526	2.49526	0.621139	0.895648	-1.11651	0.124012	0.691786	-1.44553
cg07385743	BIN3;BIN3	0.0101214	0.0208727	1.23272	1.23272	0.844178	0.985301	-1.01492	0.393867	1.06793	1.06793	0.274901	1.08924	1.08924	0.0517527	0.846557	-1.18126
cg26207239	BIRC2	0.000282127	0.000252251	0.561817	-1.77994	0.194083	0.876974	-1.14028	0.00511103	0.702223	-1.42405	0.435726	0.926832	-1.07894	0.895084	1.01269	1.01269
cg14727952	BIRC2	0.00244644	0.000116522	0.291023	-3.43615	0.380707	0.848419	-1.17866	0.0280598	1.60694	1.60694	0.285645	0.816496	-1.22475	0.00853768	1.84691	1.84691
cg17283207	BIRC2	0.00677005	0.0205583	0.565153	-1.76943	0.000308627	0.301852	-3.31288	0.473187	1.16093	1.16093	0.135461	1.38975	1.38975	0.110941	0.701025	-1.42648
cg19228181	BIRC2;BIRC2	0.0134339	0.00461008	0.413586	-2.41788	0.768134	1.07168	1.07168	0.22878	1.34417	1.34417	0.0273764	0.542702	-1.84263	0.328634	0.789694	-1.26631
cg14296561	BIRC3;BIRC3	1.70E-05	0.606009	0.93769	-1.06645	0.00203895	0.584105	-1.71202	0.360247	1.12334	1.12334	0.0357939	0.739297	-1.35264	1.42E-07	0.129421	-7.7267
cg14504418	BIRC3;BIRC3	0.00068035	0.00116642	0.139421	-7.17253	0.907949	1.04897	1.04897	0.000841139	0.125469	-7.97009	0.00215	0.168447	-5.93658	0.0026796	0.179891	-5.55893
cg16705383	BIRC3;BIRC3	0.00145484	0.000956513	0.153091	-6.53204	0.000383588	8.686	8.686	0.0138665	0.313615	-3.18862	0.109227	0.513721	-1.94658	0.0632436	0.450807	-2.21824
cg24882097	BIRC3;BIRC3	0.00729034	0.0820539	0.423048	-2.3638	0.235479	1.72235	1.72235	0.48997	0.738463	-1.35416	0.10865	0.45992	-2.17429	0.000310113	0.0470488	-21.2545
cg08847737	BIRC3;BIRC3	0.0117321	0.672981	1.11854	1.11854	0.0763416	0.594336	-1.68255	0.0239509	0.491231	-2.0357	0.0520445	1.79181	1.79181	0.464169	0.821519	-1.21726
cg14481222	BIRC3;BIRC3	0.0127905	0.0114859	0.214935	-4.65257	0.0892756	0.402106	-2.4869	0.0102336	0.207233	-4.82549	0.00940872	0.20177	-4.95613	0.0266414	0.278792	-3.5869
cg16837326	BIRC3;BIRC3	0.0144388	0.0564846	0.51343	-1.94769	0.485554	1.24456	1.24456	0.0130897	0.386686	-2.58608	0.148853	0.620037	-1.61281	0.20093	0.659015	-1.51742
cg23565749	BIRC3;BIRC3	0.0280886	0.00717234	0.374436	-2.67069	0.054901	1.85161	1.85161	0.683487	1.123	1.123	0.508806	1.20885	1.20885	0.173532	0.663803	-1.50647
cg20358655	BIRC3;BIRC3	0.0286795	0.067253	0.528587	-1.89184	0.00393381	3.34052	3.34052	0.0113614	2.67835	2.67835	0.60538	0.850414	-1.1759	0.265428	0.697127	-1.43446
cg21915672	BIRC3;BIRC3;BIRC3;BIRC3	0.00198168	0.0917126	1.30375	1.30375	0.000102964	2.66897	2.66897	0.488664	0.904398	-1.10571	0.010602	1.58268	1.58268	0.612292	1.07574	1.07574
cg10659575	BIRC3;BIRC3;BIRC3;BIRC3	0.00546393	0.173294	0.753288	-1.32751	0.000533003	2.86967	2.86967	0.0462553	0.639884	-1.56278	0.316125	0.816564	-1.22464	0.51253	0.87821	-1.13868
cg24247425	BIRC5;BIRC5;BIRC5	0.0319177	0.219039	0.82097	-1.21807	0.0349486	0.687249	-1.45508	0.361442	0.866609	-1.15392	0.405408	0.878176	-1.13872	0.293648	0.846841	-1.18086
cg00345656	BIRC5;BIRC5;BIRC5	0.0352589	0.148403	1.31997	1.31997	0.251729	1.23916	1.23916	0.0595396	1.4635	1.4635	0.216328	1.26237	1.26237	0.450599	0.871395	-1.14758
cg01886741	BIRC5;BIRC5;BIRC5;BIRC5;BIRC5;BIRC5	0.0155054	0.0170547	0.554373	-1.80384	0.723059	0.930371	-1.07484	0.260318	1.2689	1.2689	0.496619	0.869355	-1.15028	0.361142	0.826619	-1.20975
cg04271999	BIRC5;BIRC5;EPR1;BIRC5	0.00746555	0.988675	1.00632	1.00632	0.106677	0.457537	-2.18562	0.0111974	0.243922	-4.09968	0.513099	1.34235	1.34235	0.409656	1.45396	1.45396
cg17515702	BIRC5;BIRC5;EPR1;BIRC5	0.0114605	0.0288459	0.808262	-1.23722	0.021215	0.795491	-1.25708	0.800657	1.02112	1.02112	0.085914	0.854918	-1.1697	0.00283221	0.712102	-1.40429
ch.2.797627R	BIRC6	5.39E-05	0.00458043	0.701603	-1.42531	2.60E-05	2.18561	2.18561	0.00252052	0.674494	-1.48259	8.85E-06	2.47169	2.47169	0.791299	1.02521	1.02521
cg10583997	BIRC6	0.012554	0.00279985	0.318788	-3.13688	0.121508	0.627554	-1.59349	0.203388	0.688921	-1.45155	0.241474	0.711562	-1.40536	0.00441504	0.348314	-2.87097
cg03803336	BIRC6	0.014407	0.000905313	0.366081	-2.73163	0.137093	1.38289	1.38289	0.159271	1.35595	1.35595	0.84826	0.961965	-1.03954	0.024117	0.580172	-1.72363
cg01093329	BIRC6	0.0231924	0.0450213	0.845425	-1.18284	0.182266	1.10887	1.10887	0.0212799	1.22395	1.22395	0.889878	1.01016	1.01016	0.215017	1.09996	1.09996
cg11971852	BIRC6	0.0253748	0.648424	0.819045	-1.22093	0.0590889	0.395822	-2.52639	0.234533	0.58167	-1.71919	0.0201082	0.295444	-3.38473	0.0366965	0.348029	-2.87332
cg17003607	BIRC7;BIRC7	3.34E-05	0.00103667	0.51087	-1.95745	2.04E-06	0.198194	-5.04556	0.0203226	0.679283	-1.47214	0.0133708	1.52743	1.52743	0.00298653	0.569434	-1.75613
cg00628185	BIRC7;BIRC7	0.000974349	0.00960335	0.519543	-1.92477	0.00133926	0.394162	-2.53703	0.00152349	0.401896	-2.48821	0.0672035	1.50633	1.50633	0.77775	1.05814	1.05814
cg14582983	BIRC7;BIRC7	0.00181316	0.280352	0.738929	-1.35331	0.00102798	0.269382	-3.7122	0.0205793	0.471397	-2.12135	0.0572942	1.7857	1.7857	0.83675	1.05721	1.05721
cg07738031	BIRC7;BIRC7	0.0285969	0.233383	0.599144	-1.66905	0.023003	0.327977	-3.049	0.0245417	0.333493	-2.99857	0.145144	1.89922	1.89922	0.310914	0.650618	-1.537
cg16925678	BIRC7;BIRC7	0.035103	0.0755814	0.499171	-2.00332	0.00800937	0.303121	-3.29901	0.0158178	0.354003	-2.82483	0.336912	1.41592	1.41592	0.0979111	0.528465	-1.89227
cg03295956	BIRC8	0.0125293	0.720509	0.813756	-1.22887	0.00592552	0.126842	-7.8838	0.0709237	0.314281	-3.18187	0.132959	0.394575	-2.53437	0.00704317	0.135563	-7.37664
cg09377486	BIRC8	0.0136733	0.0311312	0.393445	-2.54165	0.267615	1.53087	1.53087	0.0883705	0.499925	-2.0003	0.0102275	0.303064	-3.29963	0.000792083	0.1542	-6.4851
cg16524716	BIRC8;BIRC8	0.00021664	0.000200792	0.259256	-3.85719	0.313678	1.25285	1.25285	0.945362	1.01494	1.01494	0.000180068	0.253704	-3.9416	1.63E-05	0.146679	-6.81762
cg10204707	BIRC8;BIRC8	0.000352996	0.00191575	0.275274	-3.63274	0.00024127	0.168093	-5.94909	0.000185336	0.156674	-6.38269	0.0166214	0.423735	-2.35997	0.000169758	0.152981	-6.53676
cg10002131	BIRC8;BIRC8	0.00211717	0.00280837	0.20157	-4.96106	0.21997	0.605466	-1.65162	0.0215167	0.341568	-2.92768	0.00984527	0.281066	-3.55789	0.00124803	0.159711	-6.2613
cg23020719	BIVM;BIVM	5.20E-05	0.824492	0.964486	-1.03682	0.0140728	0.610513	-1.63797	0.0385942	0.677025	-1.47705	0.851446	0.96994	-1.03099	8.68E-06	0.207399	-4.82161
cg04771820	BIVM;BIVM;KDELC1	0.0213696	0.786541	0.906245	-1.10345	0.0868294	1.98555	1.98555	0.797195	1.0979	1.0979	0.00336321	0.235315	-4.24963	0.00739565	0.28605	-3.49589
cg03901784	BIVM;BIVM;KDELC1;BIVM;BIVM	0.0128837	0.436991	0.912296	-1.09613	0.346274	1.11901	1.11901	0.005434	1.55496	1.55496	0.0401744	0.755823	-1.32306	0.0491752	0.767515	-1.30291
cg00028749	BIVM;BIVM;KDELC1;BIVM;BIVM	0.0155368	0.0449827	0.7412	-1.34916	0.00763251	1.56281	1.56281	0.00372847	1.6651	1.6651	0.371552	1.12685	1.12685	0.897267	1.01696	1.01696
cg00926502	BIVM;BIVM;KDELC1;BIVM;BIVM	0.0269001	0.0198941	0.568635	-1.7586	0.165764	0.743141	-1.34564	0.46697	0.861856	-1.16029	0.212309	0.768086	-1.30194	0.084668	0.681806	-1.46669
cg22222092	BIVM;KDELC1;BIVM	0.00138511	0.068998	0.512931	-1.94958	0.175028	0.622987	-1.60517	0.0162485	0.381245	-2.62298	0.0037314	0.276658	-3.61457	0.00118529	0.210141	-4.75872
cg03294719	BIVM;KDELC1;BIVM	0.0329034	0.680794	0.943653	-1.05971	0.0124893	1.54613	1.54613	0.0901264	1.29937	1.29937	0.328707	1.15182	1.15182	0.0664679	1.33451	1.33451
cg20569652	BLCAP;BLCAP	0.000759562	0.570527	0.951046	-1.05147	0.000698167	0.635885	-1.57261	0.00233069	0.689236	-1.45088	0.54997	0.948421	-1.05438	9.33E-05	0.543229	-1.84084
cg18217136	BLCAP;BLCAP	0.0083391	0.0339656	0.575161	-1.73864	0.00216516	0.382214	-2.61634	0.0256279	0.552988	-1.80836	0.97392	0.992722	-1.00733	0.00549024	0.442292	-2.26095
cg06291107	BLCAP;BLCAP	0.00894006	0.00454617	0.283666	-3.52527	0.00287627	0.254957	-3.92223	0.00446865	0.28255	-3.5392	0.391621	0.746339	-1.33987	0.00804491	0.322474	-3.10103
cg12755477	BLCAP;BLCAP;BLCAP;BLCAP	0.000131356	0.00280577	0.746658	-1.3393	0.000113799	0.618366	-1.61717	0.00989284	0.793545	-1.26017	0.000507026	1.47032	1.47032	0.0389144	0.84398	-1.18486
cg20703564	BLCAP;BLCAP;BLCAP;BLCAP	0.000151968	0.0127015	0.633994	-1.5773	0.00018197	0.393952	-2.53838	0.0487089	0.718009	-1.39274	0.25854	1.18942	1.18942	0.00318584	0.552874	-1.80873
cg01082601	BLCAP;BLCAP;BLCAP;BLCAP	0.000562419	0.0131298	0.562959	-1.77633	0.371049	1.18718	1.18718	0.0167627	0.579641	-1.7252	0.423451	1.165	1.165	0.0011194	0.408024	-2.45084
cg16599045	BLCAP;BLCAP;BLCAP;BLCAP	0.00120097	0.538211	0.848094	-1.17911	0.023839	0.490198	-2.03999	0.467324	1.21595	1.21595	0.0018814	0.311871	-3.20646	0.335821	1.30002	1.30002
cg19837275	BLCAP;BLCAP;BLCAP;BLCAP	0.00139137	0.00107377	0.191623	-5.21857	0.36763	0.728687	-1.37233	0.0349753	2.31722	2.31722	0.0994768	1.85438	1.85438	0.000221241	0.121959	-8.19951
cg09638930	BLCAP;BLCAP;BLCAP;BLCAP	0.00419551	0.324299	0.797968	-1.25318	0.00481402	3.11679	3.11679	?	?	?	0.0132473	0.426371	-2.34537	0.0450114	0.560561	-1.78393
cg19650416	BLCAP;BLCAP;BLCAP;BLCAP	0.00504356	0.00250173	0.346336	-2.88737	0.00147498	0.313954	-3.18518	0.0469157	0.563105	-1.77587	0.289391	0.757561	-1.32003	0.00761072	0.420428	-2.37853
cg00965133	BLCAP;BLCAP;BLCAP;BLCAP	0.00827635	0.152461	0.598543	-1.67072	0.0154374	0.369649	-2.70527	0.00222033	0.238045	-4.20088	0.924156	0.968616	-1.0324	0.065757	0.500845	-1.99662
cg14393502	BLCAP;BLCAP;BLCAP;BLCAP	0.00887479	0.00433963	0.522375	-1.91433	0.731038	1.06055	1.06055	0.335742	0.844424	-1.18424	0.367158	0.854004	-1.17095	0.00258421	0.490915	-2.03701
cg21863334	BLCAP;BLCAP;BLCAP;BLCAP	0.00950371	0.0323761	0.464901	-2.15099	0.0097833	0.368371	-2.71466	0.00386932	0.304319	-3.28602	0.587472	0.845805	-1.18231	0.00707606	0.345054	-2.89809
cg25654957	BLCAP;BLCAP;BLCAP;BLCAP	0.0140035	0.0888899	1.47225	1.47225	0.0203961	0.562074	-1.77913	0.480168	0.862482	-1.15944	0.00553881	0.471734	-2.11984	0.159524	0.733557	-1.36322
cg16206836	BLCAP;BLCAP;BLCAP;BLCAP	0.0154803	0.00328099	0.765441	-1.30644	0.497451	0.955083	-1.04703	0.00392038	0.771828	-1.29563	0.329567	1.06943	1.06943	0.248919	1.08372	1.08372
cg09316543	BLCAP;BLCAP;BLCAP;BLCAP	0.0165693	0.443369	1.10226	1.10226	0.894255	1.01671	1.01671	0.0100392	1.49908	1.49908	0.0543983	1.3125	1.3125	0.00555915	1.57429	1.57429
cg14213844	BLCAP;BLCAP;BLCAP;BLCAP	0.024616	0.0161849	5.3566	5.3566	0.454465	1.46512	1.46512	0.0079826	0.134075	-7.45852	0.0176753	5.15212	5.15212	0.109456	2.49981	2.49981
cg00216901	BLCAP;BLCAP;BLCAP;BLCAP	0.0330825	0.0299646	2.02897	2.02897	0.496763	1.21068	1.21068	0.461641	0.812496	-1.23078	0.306447	0.74574	-1.34095	0.043829	0.526264	-1.90019
cg24568194	BLCAP;BLCAP;BLCAP;BLCAP	0.0342493	0.681026	1.16832	1.16832	0.626284	1.20287	1.20287	0.0422468	2.41237	2.41237	0.0012243	0.168598	-5.93126	0.713125	0.870239	-1.14911
cg06133908	BLCAP;BLCAP;BLCAP;BLCAP	0.0345185	0.0286288	2.70233	2.70233	0.00696196	3.83498	3.83498	0.462671	0.749877	-1.33355	0.0490432	2.37537	2.37537	0.81782	0.914995	-1.0929
cg14189758	BLCAP;BLCAP;BLCAP;BLCAP	0.0460313	0.842415	1.01996	1.01996	0.0297562	1.28919	1.28919	0.0808451	1.21198	1.21198	0.497823	0.933936	-1.07074	0.0192559	1.32468	1.32468
cg16107740	BLCAP;BLCAP;BLCAP;BLCAP	0.0491439	0.584293	1.26638	1.26638	0.353686	1.50537	1.50537	0.0215457	0.297294	-3.36367	0.766715	1.13545	1.13545	0.0275095	0.31896	-3.13519
cg11948874	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.000107033	0.000851028	0.389218	-2.56925	0.0205903	1.69044	1.69044	0.0933885	1.41535	1.41535	0.0177505	1.7206	1.7206	3.24E-06	0.12573	-7.95354
cg24890964	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.000319514	0.0296954	0.670142	-1.49222	0.281188	1.19146	1.19146	0.00680781	0.577885	-1.73045	0.237383	0.823987	-1.21361	0.000653844	0.441722	-2.26387
cg13591710	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.000552768	0.0281274	0.552841	-1.80884	0.0056786	2.29163	2.29163	0.168011	1.3991	1.3991	0.833913	1.04916	1.04916	3.79E-05	0.16404	-6.09608
cg01604401	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.00157008	0.0756678	0.634391	-1.57632	0.963332	1.01064	1.01064	0.0369107	1.74685	1.74685	0.742218	1.07893	1.07893	0.000312286	0.260416	-3.84001
cg22849953	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.00195856	0.0556759	0.609029	-1.64196	0.0310044	0.560389	-1.78448	0.0318362	0.562509	-1.77775	0.858479	0.960002	-1.04166	3.49E-05	0.160534	-6.2292
cg17271585	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.0164766	0.00261241	0.465988	-2.14598	0.720182	1.06811	1.06811	0.329542	0.831669	-1.2024	0.102471	1.38725	1.38725	0.028127	0.621891	-1.608
cg11399589	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.0188533	0.0107702	0.277254	-3.6068	0.0164653	0.30929	-3.23322	0.159298	0.547576	-1.82623	0.139196	0.528731	-1.89132	0.0025888	0.187918	-5.32146
cg17971649	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.0216817	0.0443518	0.480174	-2.08258	0.220448	0.664169	-1.50564	0.125448	0.590507	-1.69346	0.0219404	0.417616	-2.39455	0.00175216	0.24252	-4.12338
cg24214471	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.024005	0.0263916	0.547126	-1.82773	0.756964	0.931366	-1.07369	0.90301	1.02832	1.02832	0.157081	0.707079	-1.41427	0.00428988	0.416894	-2.39869
cg21733794	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.04068	0.622737	1.09249	1.09249	0.548705	0.897407	-1.11432	0.308869	0.828726	-1.20667	0.492412	1.13243	1.13243	0.002418	0.470701	-2.12449
cg17820025	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.00395006	0.0114512	0.644079	-1.5526	0.32792	0.869	-1.15075	0.324951	1.15181	1.15181	0.185919	1.21532	1.21532	0.00617862	0.608627	-1.64304
cg16913012	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.0126392	0.0910687	0.550396	-1.81687	0.199294	0.647205	-1.5451	0.940673	0.976404	-1.02417	0.559279	0.827428	-1.20856	0.0389093	0.464399	-2.15332
cg14160807	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.0233266	?	?	?	0.0854185	0.42901	-2.33095	?	?	?	0.953462	1.0259	1.0259	0.008972	0.220078	-4.54385
cg18187587	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.0349315	0.717799	0.939226	-1.06471	0.200948	0.791885	-1.26281	0.0324359	1.54126	1.54126	0.0439711	1.49168	1.49168	0.0479901	1.47775	1.47775
cg16648571	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.00150267	0.0152404	0.590321	-1.69399	0.245376	0.806615	-1.23975	0.00313759	2.04265	2.04265	0.021671	1.62838	1.62838	0.000474807	0.378843	-2.63961
cg24564503	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.00295988	0.00145791	0.213925	-4.67453	0.321669	0.709327	-1.40979	0.809603	0.922222	-1.08434	0.886075	0.95305	-1.04926	0.000339441	0.144187	-6.93544
cg14765818	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.00725484	0.0153353	4.26545	4.26545	0.00542815	5.9492	5.9492	0.00797641	5.24646	5.24646	0.109842	2.33853	2.33853	0.438276	1.47013	1.47013
cg08402058	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.00790187	0.00788756	5.10878	5.10878	0.00234932	7.6251	7.6251	0.0339847	3.26872	3.26872	0.184658	1.9607	1.9607	0.0965821	2.39405	2.39405
cg10981598	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.00796487	0.0195148	4.67904	4.67904	0.00176885	11.4055	11.4055	0.00209094	10.6634	10.6634	0.228282	1.99619	1.99619	0.0251584	4.28726	4.28726
cg04489586	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.00894866	0.108282	2.47519	2.47519	0.000649508	14.9575	14.9575	0.0108466	5.23282	5.23282	0.336385	1.66989	1.66989	0.288258	0.565348	-1.76882
cg03615235	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.00926659	0.0561372	4.37946	4.37946	0.000787036	31.977	31.977	0.00323016	15.5355	15.5355	0.270833	2.18748	2.18748	0.100768	3.41191	3.41191
cg17643025	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0107549	0.0863361	2.17465	2.17465	0.00180831	6.16577	6.16577	0.00121485	6.97084	6.97084	0.326258	1.51522	1.51522	0.0498744	2.50186	2.50186
cg13790727	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0108589	0.0509708	4.00815	4.00815	0.000507808	29.7276	29.7276	0.00612416	9.33631	9.33631	0.231827	2.18831	2.18831	0.0390559	4.44421	4.44421
cg19782411	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.011994	0.00383718	0.1798	-5.56172	0.440938	0.707501	-1.41342	0.980168	1.01101	1.01101	0.955601	1.02482	1.02482	0.00146889	0.132424	-7.55148
cg06179486	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.012998	0.00927828	0.303558	-3.29426	0.305465	0.681668	-1.46699	0.877895	1.05709	1.05709	0.867631	0.941538	-1.06209	0.0015717	0.194004	-5.15452
cg26083330	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0147736	0.514462	1.44343	1.44343	0.0025578	10.2045	10.2045	0.0152733	5.2265	5.2265	0.105288	2.67132	2.67132	0.0658811	0.317994	-3.14471
cg01466133	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0149282	0.161296	1.50684	1.50684	0.00887448	2.49126	2.49126	0.0156984	2.25147	2.25147	0.0319863	1.99112	1.99112	0.091604	1.66383	1.66383

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02116471	0.449501	0.798487	-1.25237	0.49288	1.22552	1.22552	0.885589	0.958829	-1.04294	0.29687	0.729186	-1.37139	4.91982	6.64431	1.20046	1
cg04095651	0.261121	1.1096	1.1096	0.0278876	0.794069	-1.25934	0.968276	0.996477	-1.00354	0.0196843	1.28405	1.28405	4.70244	0.586491	0.110863	1
cg05157961	0.199527	1.30445	1.30445	0.00120503	2.53416	2.53416	0.429006	1.17154	1.17154	0.00672915	1.9918	1.9918	4.18893	2.55094	0.541308	1
cg22364819	0.206174	0.723519	-1.38213	0.00230949	0.355838	-2.81027	0.0221653	1.94566	1.94566	0.73065	1.08749	1.08749	4.14196	3.86397	0.829229	1
cg06380123	0.0064303	1.44501	1.44501	0.000272832	1.85795	1.85795	0.0292878	1.30563	1.30563	0.00194657	0.634363	-1.57638	35.7404	6.10582	0.151856	1
cg18610205	0.105321	0.812313	-1.23105	0.00179116	1.68536	1.68536	0.132851	0.826556	-1.20984	0.0149339	0.70357	-1.42132	15.0218	3.2829	0.19426	1
cg10590292	0.581899	1.06397	1.06397	0.000745949	1.76939	1.76939	0.0965809	1.22557	1.22557	0.186193	0.855331	-1.16914	10.3717	2.04216	0.175019	1
cg21022247	0.170372	1.35071	1.35071	0.0698799	1.51791	1.51791	0.86711	1.03508	1.03508	0.0204302	0.562563	-1.77758	7.86072	5.27773	0.596804	1
cg20994829	0.997079	0.999668	-1.00033	0.0133565	1.32045	1.32045	0.00410078	0.705184	-1.41807	0.153077	0.870417	-1.14887	7.70619	1.00413	0.115824	1
cg00213177	0.254947	0.649575	-1.53947	0.00073265	0.155218	-6.44254	0.00546153	0.265397	-3.76795	0.0481653	0.440558	-2.26985	6.60628	13.7855	1.85486	1
cg20306694	0.0629213	1.4628	1.4628	0.00952895	1.81657	1.81657	0.116548	1.36344	1.36344	0.0741135	0.696415	-1.43593	5.83898	3.05616	0.465251	1
cg08075204	0.931321	1.02759	1.02759	0.0163655	2.5257	2.5257	0.207662	1.52117	1.52117	0.052481	0.498493	-2.00605	5.02279	7.92958	1.40331	1
cg02929431	0.0845708	0.297885	-3.357	0.00823653	0.11702	-8.54554	0.0823999	0.294821	-3.39189	0.0532812	0.24813	-4.03014	4.0713	25.985	5.67333	1
cg14556909	0.951474	0.979129	-1.02132	0.00274538	4.18867	4.18867	0.544312	1.23698	1.23698	0.194923	0.621794	-1.60825	3.88154	7.38353	1.69086	1
cg24449885	0.191539	0.729879	-1.37009	0.0468741	1.67886	1.67886	0.76651	0.934435	-1.07017	0.440081	0.835849	-1.19639	3.71991	3.05531	0.73008	1
cg24749672	0.386677	1.40513	1.40513	0.015557	3.11813	3.11813	0.181482	1.72239	1.72239	0.175042	0.575307	-1.7382	3.48209	8.10258	2.06838	1
cg11331803	2.77E-06	0.420755	-2.37668	0.000189423	1.62317	1.62317	0.0944628	0.868073	-1.15198	0.000801333	0.677402	-1.47623	77.8251	7.30117	0.0833912	1
cg03434823	0.000735325	0.499802	-2.00079	0.000896891	0.510585	-1.95854	0.000174406	0.422623	-2.36617	0.000411959	0.468515	-2.1344	26.2881	7.61161	0.257374	1
cg08612190	0.844322	1.04172	1.04172	0.00354136	0.4396	-2.2748	0.733694	0.931462	-1.07358	0.0262384	0.578003	-1.73009	12.0936	8.27964	0.608559	1
cg19496639	0.000351161	0.369289	-2.70791	0.000973152	2.34219	2.34219	0.586325	1.09998	1.09998	0.118762	0.745525	-1.34134	9.70879	4.62478	0.423423	1
cg11786283	0.571045	1.04096	1.04096	0.0199656	1.21764	1.21764	0.0385365	0.845309	-1.183	0.00261981	0.746662	-1.33929	9.37421	0.729881	0.0692094	1
cg15942979	0.914959	0.98744	-1.01272	6.01E-05	2.405	2.405	0.126745	1.21586	1.21586	0.448487	1.09571	1.09571	8.78378	1.94783	0.197114	1
cg09094290	0.297103	0.735681	-1.35928	0.0709788	0.563938	-1.77324	0.033313	0.493445	-2.02657	0.231157	0.700013	-1.42854	6.441	8.22558	1.13517	1
cg07164659	0.641895	0.918502	-1.08873	0.00278574	0.473157	-2.11346	0.0135977	0.574538	-1.74053	0.147077	1.32636	1.32636	6.43435	3.35755	0.463838	1
cg08970457	0.1757	0.521947	-1.9159	0.369197	0.660859	-1.51318	0.610341	1.25883	1.25883	0.0997059	2.26738	2.26738	5.47427	13.2083	2.41279	1
cg21553199	0.181607	0.622411	-1.60666	0.0228215	0.402165	-2.48654	0.0140448	0.362782	-2.75647	0.517613	0.803042	-1.24526	4.49107	7.95274	1.57403	1
cg00441932	0.220358	0.75198	-1.32982	0.0368792	0.584934	-1.70959	0.273178	1.28695	1.28695	0.154511	0.713818	-1.40092	4.08436	3.1655	0.688916	1
cg07385743	0.943517	0.994682	-1.00535	0.0010436	0.694066	-1.44079	0.265223	0.916336	-1.0913	0.022439	0.814002	-1.2285	5.88784	0.528032	0.0797171	1
cg26207239	0.0428599	1.24945	1.24945	3.70E-05	2.134	2.134	0.0581881	0.815004	-1.22699	0.0942804	0.838817	-1.19215	16.7288	2.41897	0.128532	1
cg14727952	0.215695	0.788031	-1.26899	0.565025	1.1122	1.1122	0.802982	1.04676	1.04676	0.12167	0.735835	-1.359	9.08976	4.81155	0.470522	1
cg17283207	0.242941	1.28394	1.28394	0.437004	1.17607	1.17607	0.362948	1.21076	1.21076	0.182105	0.748509	-1.33599	6.6843	4.42899	0.588975	1
cg19228181	0.543211	0.865794	-1.15501	0.00469359	0.414781	-2.41091	0.380326	1.23459	1.23459	0.00993049	0.466431	-2.14394	5.37216	4.6658	0.772013	1
cg14296561	0.201389	0.846338	-1.18156	0.569532	1.07366	1.07366	0.613797	0.939014	-1.06495	0.0259404	0.72115	-1.38667	35.3316	8.5561	0.215259	1
cg14504418	0.0685081	0.430481	-2.32298	6.18E-05	0.0472149	-21.1797	0.034456	0.360811	-2.77153	0.00387024	0.200245	-4.99387	13.1151	35.4823	2.40484	1
cg16705383	0.0106314	0.293738	-3.40439	0.160868	0.564855	-1.77037	0.0578412	0.441363	-2.26571	0.243226	0.627696	-1.59313	10.5722	24.3534	2.04759	1
cg24882097	0.00801781	0.200513	-4.98721	0.0818215	0.42269	-2.3658	0.331796	1.54547	1.54547	0.784095	1.12544	1.12544	9.009	25.1147	1.85849	1
cg08847737	0.0592348	1.7542	1.7542	0.00137564	0.293839	-3.40322	0.657782	1.12484	1.12484	0.446975	1.22696	1.22696	5.61444	6.19183	0.980302	1
cg14481222	0.0245051	0.271779	-3.67946	0.019598	0.2538	-3.94011	0.0222037	0.263709	-3.79206	0.00333004	0.143271	-6.97978	5.45902	20.439	3.32806	1
cg16837326	0.330776	0.733584	-1.36317	0.000511676	0.187315	-5.3386	0.0455541	0.492691	-2.02967	0.0982618	0.571297	-1.7504	5.24632	7.91947	1.3418	1
cg23565749	0.731427	1.10241	1.10241	0.0330735	0.494018	-2.02422	0.0464311	0.524401	-1.90694	0.05885	0.546707	-1.82913	4.18313	5.3054	1.12737	1
cg20358655	0.622213	0.856935	-1.16695	0.495212	1.24023	1.24023	0.517297	0.815389	-1.22641	0.869521	1.05244	1.05244	4.15251	6.35594	1.36056	1
cg21915672	0.010381	1.58579	1.58579	0.0858561	0.762492	-1.31149	0.189274	0.81984	-1.21975	0.0231234	1.47397	1.47397	9.66778	3.12443	0.287271	1
cg10659575	0.341743	0.825684	-1.21112	0.00540817	0.488769	-2.04596	0.10413	0.706516	-1.4154	0.139708	0.732908	-1.36443	7.14196	4.32443	0.538219	1
cg24247425	0.0558876	0.718532	-1.39173	0.00452989	1.78107	1.78107	0.587495	1.08718	1.08718	0.283194	1.1855	1.1855	3.99756	1.47455	0.327878	1
cg00345656	0.00462235	1.96373	1.96373	0.0337034	1.55917	1.55917	0.138005	0.751253	-1.33111	0.449482	0.871088	-1.14799	3.85683	1.95895	0.451481	1
cg01886741	0.00045556	0.326229	-3.06533	0.0514758	0.637827	-1.56782	0.240234	0.779259	-1.28327	0.242331	0.780204	-1.28172	5.12415	3.33892	0.579205	1
cg04271999	0.392654	0.67793	-1.47508	0.000866278	0.108726	-9.19744	0.00663573	0.209311	-4.77758	0.00833727	0.223895	-4.46639	6.48335	20.2318	2.77385	1
cg17515702	0.00141752	0.682864	-1.46442	0.0177642	0.788146	-1.2688	0.145503	0.878894	-1.13779	0.223902	0.899845	-1.1113	5.65714	0.611206	0.0960369	1
ch.2.797627R	0.0106418	1.35192	1.35192	0.960068	1.00471	1.00471	0.469559	1.07152	1.07152	0.0100777	1.35643	1.35643	26.0915	3.6425	0.124093	1
cg10583997	0.927207	0.974958	-1.02569	0.00274642	0.317574	-3.14887	0.109705	0.616334	-1.6225	0.015108	0.436641	-2.29021	5.49232	6.70063	1.08444	1
cg03803336	0.0416952	0.621709	-1.60847	0.564769	1.12505	1.12505	0.638763	0.908725	-1.10044	0.684527	0.920637	-1.0862	5.25014	3.40741	0.576902	1
cg01093329	0.0206781	0.815949	-1.22557	0.983005	0.998446	-1.00156	0.846267	1.01427	1.01427	0.0104039	1.26557	1.26557	4.47199	0.377445	0.075024	1
cg11971852	0.195827	0.551652	-1.81274	0.00132395	0.131228	-7.62031	0.797558	1.11826	1.11826	0.0395393	0.355122	-2.81593	4.33472	12.9813	2.66199	1
cg17003607	0.00265216	0.562809	-1.7768	1.27E-05	0.281163	-3.55665	0.125693	0.795254	-1.25746	0.101857	0.780698	-1.2809	29.6006	8.96023	0.269071	1
cg00628185	0.0739541	0.671823	-1.48849	8.94E-05	0.246497	-4.05685	0.0255023	0.588525	-1.69916	0.55549	0.887723	-1.12648	11.8535	7.48828	0.561542	1
cg14582983	0.248761	0.72249	-1.3841	0.000116103	0.161807	-6.18022	0.017268	0.457484	-2.18587	0.569425	0.856397	-1.16768	9.92079	11.422	1.02339	1
cg07738031	0.0939167	0.469942	-2.12792	0.00241875	0.176968	-5.65075	0.437836	0.722915	-1.38329	0.529957	0.770392	-1.29804	4.15674	11.0657	2.36632	1
cg16925678	0.108437	0.540582	-1.84986	0.0173187	0.361255	-2.76813	0.0812656	0.507183	-1.97168	0.710974	0.877445	-1.13967	3.86302	7.54906	1.73706	1
cg03295956	0.143173	2.466	2.466	0.00246882	0.0893953	-11.1863	0.161546	0.424179	-2.35749	0.0769933	0.323658	-3.08968	5.49585	28.6442	4.63286	1
cg09377486	0.954786	1.02113	1.02113	0.57189	1.23446	1.23446	0.927201	0.966863	-1.03427	0.490595	0.772437	-1.2946	5.34114	11.5022	1.91424	1
cg16524716	0.149158	0.715598	-1.39743	0.154637	0.719234	-1.39037	0.382408	1.21383	1.21383	0.0192984	0.542158	-1.84448	17.977	13.3242	0.658825	1
cg10204707	0.000242533	0.168324	-5.94093	0.00178003	0.270925	-3.69105	0.0164561	0.422944	-2.36438	0.00856707	0.373602	-2.67664	15.7323	21.4758	1.2134	1
cg10002131	0.0238598	0.350321	-2.85453	0.000126066	0.0744838	-13.4257	0.040314	0.397906	-2.51315	0.0192263	0.332251	-3.00977	9.48308	22.731	2.13067	1
cg23020719	3.52E-06	0.169631	-5.89514	0.00106212	0.454825	-2.19865	0.74613	0.94849	-1.05431	0.00105436	0.454404	-2.20068	26.3504	11.0607	0.373115	1
cg04771820	0.404159	0.733749	-1.36286	0.0367796	0.414865	-2.41042	0.461324	1.31258	1.31258	0.922845	0.965476	-1.03576	4.59952	9.58199	1.85178	1
cg03901784	0.0161559	0.704137	-1.42018	0.191055	1.1749	1.1749	0.0172008	0.70766	-1.41311	0.913533	0.987542	-1.01262	6.14518	1.26903	0.160618	1
cg00028749	0.565222	0.927116	-1.07861	0.206534	0.840781	-1.18937	0.297061	0.868728	-1.15111	0.0776792	1.29079	1.29079	5.12071	1.37419	0.238541	1
cg00926502	0.860327	1.03601	1.03601	0.00841102	1.96598	1.96598	0.661598	1.09249	1.09249	0.0499384	1.56683	1.56683	4.24718	2.71342	0.567889	1
cg22222092	0.0301581	0.433238	-2.3082	4.27E-05	0.0779511	-12.8285	0.0262568	0.421099	-2.37474	0.0220911	0.406373	-2.46079	10.7224	18.2798	1.5154	1
cg03294719	0.85458	1.02606	1.02606	0.0543866	0.736346	-1.35806	0.0243972	0.686555	-1.45655	0.713361	1.05309	1.05309	3.95422	1.23114	0.276754	1
cg20569652	0.0314094	1.24732	1.24732	0.0120085	0.760087	-1.31564	0.617888	1.04502	1.04502	0.010023	0.752313	-1.32923	12.7162	1.54378	0.107913	1
cg18217136	0.796395	0.943864	-1.05948	0.00444811	0.428305	-2.33478	0.22514	1.32931	1.32931	0.0570396	0.618085	-1.6179	6.2617	4.95128	0.702867	1
cg06291107	0.394331	0.747647	-1.33753	0.0081902	0.323748	-3.08882	0.339061	0.72002	-1.38885	0.0228339	0.403348	-2.47925	6.12535	10.7795	1.56429	1
cg12755477	0.969597	0.997299	-1.00271	0.000193577	0.640742	-1.56069	0.000155494	0.631571	-1.58335	0.341098	0.932763	-1.07208	20.5792	1.64075	0.0708702	1
cg20703564	0.00269551	1.84062	1.84062	2.85E-05	0.298054	-3.3551	0.00106406	0.490716	-2.03784	0.859794	1.02636	1.02636	19.7872	6.78551	0.304821	1
cg01082601	0.00120702	0.412464	-2.42445	2.44E-05	0.208114	-4.80505	0.371789	0.842568	-1.18685	0.0909324	0.706192	-1.41605	13.8309	7.64403	0.491269	1
cg16599045	0.38697	0.79101	-1.26421	2.98E-05	0.115182	-8.68194	0.464134	1.21772	1.21772	0.744518	0.917183	-1.0903	11.1692	12.3638	0.983963	1
cg19837275	0.258684	1.49639	1.49639	0.0291114	2.4097	2.4097	0.639044	1.17536	1.17536	0.170252	1.64795	1.64795	10.7085	19.8382	1.64672	1
cg09638930	0.00357648	0.291381	-3.43193	?	?	?	?	?	?	0.00258055	0.260086	-3.84488	24.0924	10.1271	0.28023	1
cg19650416	0.542465	0.855845	-1.16844	0.00151271	0.315463	-3.16995	0.00741807	0.418624	-2.38878	0.358141	0.787744	-1.26945	7.31918	7.38938	0.897415	1
cg00965133	0.0539268	0.480586	-2.08079	0.00314396	0.258768	-3.86447	0.0389696	2.22623	2.22623	0.419636	0.75871	-1.31803	6.27663	11.1478	1.57874	1
cg14393502	0.0458392	0.677091	-1.47691	0.00639019	0.546334	-1.83038	0.482906	1.12917	1.12917	0.0878498	1.37841	1.37841	6.1396	2.82199	0.408567	1
cg21863334	0.162665	0.634018	-1.57724	0.00171249	0.254432	-3.93033	0.861085	0.947858	-1.05501	0.0259998	0.445824	-2.24304	6.00745	8.89332	1.3159	1
cg25654957	0.133747	0.716506	-1.39566	0.00232259	0.416136	-2.40306	0.559786	0.885544	-1.12925	0.463768	1.16616	1.16616	5.29945	3.56617	0.598161	1
cg16206836	0.101763	1.12694	1.12694	0.468909	1.05039	1.05039	0.110956	0.890606	-1.12283	0.672336	0.972018	-1.02879	5.1269	0.361399	0.0626583	1
cg09316543	0.00265473	1.67852	1.67852	0.216507	0.850423	-1.17589	0.235345	1.1676	1.1676	0.283378	1.14896	1.14896	5.01227	1.23213	0.218509	1
cg14213844	0.021896	4.69602	4.69602	0.288494	1.74961	1.74961	0.546438	1.35615	1.35615	0.503309	1.40446	1.40446	6.72991	23.9932	1.98064	1
cg00216901	0.0816693	1.70684	1.70684	0.0414715	0.52128	-1.91835	0.136512	1.55966	1.55966	0.0604272	1.79802	1.79802	3.94651	4.7986	1.08081	1
cg24568194	0.735862	1.13591	1.13591	0.405056	1.37801	1.37801	0.505208	0.775324	-1.28978	0.844296	1.07682	1.07682	3.89756	8.74452	1.9943	1
cg06133908	0.438324	0.737591	-1.35577	0.117359	0.51951	-1.92489	0.164678	0.565102	-1.76959	0.919896	1.03949	1.03949	3.88655	9.12458	2.08687	1
cg14189758	0.0373127	0.786616	-1.27127	0.274096	1.11965	1.11965	0.375079	1.09462	1.09462	0.0813035	1.21155	1.21155	3.4957	0.546001	0.138838	1
cg16107740	0.191029	1.81504	1.81504	0.167248	1.88623	1.88623	0.0505054	2.64062	2.64062	0.169171	1.88003	1.88003	3.7027	10.4568	2.19652	1
cg11948874	0.636866	0.914377	-1.09364	0.959361	0.990454	-1.00964	0.141538	1.34658	1.34658	0.618514	0.909831	-1.09911	21.7415	12.2009	0.498828	1
cg24890964	0.000195213	0.3753	-2.66454	0.000110633	0.345113	-2.8976	0.0588745	1.39613	1.39613	0.000782607	0.451826	-2.21324	16.1686	6.26421	0.344383	1
cg13591710	0.0467217	1.68284	1.68284	0.00545502	2.30594	2.30594	0.189536	1.37387	1.37387	0.404654	0.822924	-1.21518	13.8977	11.499	0.735468	1
cg01604401	0.00544134	0.430978	-2.32031	0.160777	1.4117	1.4117	0.00256571	2.61804	2.61804	0.126637	0.683661	-1.46271	10.3426	8.67713	0.745751	1
cg22849953	0.411054	1.21196	1.21196	0.220109	0.744629	-1.34295	0.208557	1.35418	1.35418	0.973611	0.992463	-1.00759	9.70087	8.03601	0.736338	1
cg17271585	0.516309	0.886435	-1.12811	0.533873	0.890999	-1.12234	0.0128868	1.76049	1.76049	0.757316	1.05842	1.05842	5.02166	2.66858	0.472368	1
cg11399589	0.209594	0.588904	-1.69807	0.0161659	0.307845	-3.24839	0.0171333	0.31244	-3.20062	0.0343188	0.372108	-2.68739	4.79962	12.187	2.25704	1
cg17971649	0.0134827	0.378494	-2.64205	0.0287637	0.440767	-2.26877	0.961828	0.984912	-1.01532	0.0622171	0.513337	-1.94804	4.57675	7.31381	1.42048	1
cg24214471	0.242613	0.755711	-1.32326	0.00260616	0.384725	-2.59926	0.619268	1.12158	1.12158	0.988825	1.00321	1.00321	4.41908	3.67192	0.7386	1
cg21733794	0.7419	1.06073	1.06073	0.929383	1.01594	1.01594	0.0207983	1.64275	1.64275	0.855325	1.03309	1.03309	3.66032	1.84464	0.447962	1
cg17820025	0.193898	0.826033	-1.21061	0.00094371	0.503741	-1.98515	0.0092412	1.58308	1.58308	0.386048	0.883774	-1.13151	7.88228	2.41349	0.272171	1
cg16913012	0.146571	0.606591	-1.64856	0.000215821	0.137948	-7.24909	0.621448	1.17314	1.17314	0.2106	0.654943	-1.52685	5.48023	8.93305	1.44893	1
cg14160807	0.045518	0.358155	-2.79208	?	?	?	0.0797102	2.37761	2.37761	0.16089	1.94043	1.94043	5.25747	10.4327	2.31508	1
cg18187587	0.944201	0.98798	-1.01217	0.0203042	0.616719	-1.62148	0.894884	0.977422	-1.0231	0.115608	0.744165	-1.34379	3.86987	1.8292	0.420156	1
cg16648571	0.0505088	0.674213	-1.48321	0.120278	0.742249	-1.34726	0.0683434	1.4347	1.4347	0.0322883	0.641846	-1.55801	10.4742	5.18962	0.440414	1
cg24564503	0.0147786	0.365593	-2.73529	0.079702	0.520805	-1.9201	0.215983	0.646107	-1.54773	0.000900229	0.188876	-5.29448	8.59242	15.3125	1.58408	1
cg14765818	0.0128717	4.50556	4.50556	0.000999891	10.8222	10.8222	0.00554329	5.90806	5.90806	0.139842	2.16904	2.16904	6.54169	24.6127	3.34439	1
cg08402058	0.0280475	3.46161	3.46161	0.00107148	10.1004	10.1004	0.00752836	5.18492	5.18492	0.191286	1.93885	1.93885	6.36882	23.0988	3.22387	1
cg10981598	0.0640805	3.11893	3.11893	0.00353924	8.68082	8.68082	0.0177327	4.83686	4.83686	0.177263	2.18997	2.18997	6.35294	30.0653	4.20668	1
cg04489586	0.0251599	3.96499	3.96499	0.00943464	5.48508	5.48508	0.755032	0.850519	-1.17575	0.682059	1.23748	1.23748	6.12348	25.9522	3.76724	1
cg03615235	0.168356	2.7244	2.7244	0.00383999	14.3022	14.3022	0.0326916	5.50885	5.50885	0.185318	2.60916	2.60916	6.05596	44.7111	6.56267	1
cg17643025	0.0498633	2.502	2.502	0.0192788	3.19173	3.19173	0.0243194	3.0058	3.0058	0.0602925	2.38386	2.38386	5.77425	15.3736	2.36661	1
cg13790727	0.0597832	3.7677	3.7677	0.0147749	6.5105	6.5105	0.0593302	3.77884	3.77884	0.292149	1.97892	1.97892	5.7564	35.5552	5.49034	1
cg19782411	0.0605296	0.393826	-2.53919	0.0188091	0.285588	-3.50155	0.550045	0.766231	-1.30509	0.00989628	0.238126	-4.19946	5.57441	17.1162	2.72933	1
cg06179486	0.0144673	0.33681	-2.96904	0.0079758	0.292828	-3.41498	0.126649	0.550631	-1.8161	0.0310712	0.400917	-2.49428	5.43042	11.2169	1.83606	1
cg26083330	0.119365	2.55571	2.55571	0.00755456	6.74027	6.74027	0.922255	0.947246	-1.05569	0.548004	1.40145	1.40145	5.2068	25.4188	4.33942	1
cg01466133	0.0314211	1.9972	1.9972	0.00125802	3.63522	3.63522	0.0272952	2.04592	2.04592	0.0551399	1.81471	1.81471	5.18892	6.17331	1.05752	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15473473	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0149823	0.567758	1.26317	1.26317	0.00588443	4.29744	4.29744	0.00962518	3.76506	3.76506	0.148369	1.87233	1.87233	0.35426	0.680073	-1.47043	0.0363833	2.67539	2.67539	0.00315539	5.11429	5.11429	0.032218	2.75861	2.75861	0.0963755	2.0929	2.0929	5.18272	13.4336	2.304	1
cg22943498	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0156455	0.0179062	5.15204	5.15204	0.00366842	9.37652	9.37652	0.0132582	5.7476	5.7476	0.0972254	2.82073	2.82073	0.981255	1.01348	1.01348	0.110997	2.68926	2.68926	0.00892048	6.65629	6.65629	0.0070797	7.26258	7.26258	0.583561	1.37083	1.37083	5.10889	26.2656	4.56993	1
cg20601276	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0184509	0.0215465	0.344384	-2.90374	0.276075	0.645623	-1.54889	0.515993	0.775428	-1.28961	0.175265	0.573109	-1.74487	0.00805507	0.269599	-3.70921	0.0150539	0.31541	-3.17048	0.00529913	0.241899	-4.13395	0.00597419	0.249603	-4.00636	0.0461751	0.413861	-2.41627	4.83469	11.4195	2.09955	1
cg18433380	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0188616	0.441311	1.38529	1.38529	0.00194849	6.16348	6.16348	0.00671913	4.30146	4.30146	0.0819557	2.22556	2.22556	0.420107	0.710416	-1.40763	0.249132	1.64869	1.64869	0.108512	2.06817	2.06817	0.0114045	3.7225	3.7225	0.161544	1.8599	1.8599	4.7989	13.0945	2.42545	1
cg04810287	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.019302	0.0308904	2.09761	2.09761	0.054856	1.88293	1.88293	0.158755	1.54287	1.54287	0.439279	1.25287	1.25287	0.584011	0.854034	-1.17091	0.49093	0.818869	-1.2212	0.000996782	4.42688	4.42688	0.0156524	2.39234	2.39234	0.477039	1.2294	1.2294	5.31025	6.68411	0.979003	1
cg03061677	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0237254	0.197844	1.66159	1.66159	0.00627808	3.77455	3.77455	0.00814727	3.53774	3.53774	0.250355	1.56536	1.56536	0.843135	1.07671	1.07671	0.0230248	2.75717	2.75717	0.00505218	3.98745	3.98745	0.057054	2.23278	2.23278	0.157375	1.75784	1.75784	4.43703	9.78039	1.95935	1
cg24338351	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0251721	0.023027	4.17129	4.17129	0.00528701	6.90035	6.90035	0.058444	3.07503	3.07503	0.167328	2.16694	2.16694	0.543875	1.38093	1.38093	0.0259054	4.01236	4.01236	0.0137497	4.95439	4.95439	0.00833822	5.87832	5.87832	0.13347	2.34052	2.34052	4.34684	19.002	3.88573	1
cg22298088	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.02566	0.258932	1.72149	1.72149	0.0404108	2.97949	2.97949	0.0250035	3.4208	3.4208	0.400966	1.48658	1.48658	0.155655	2.015	2.015	0.318532	1.60874	1.60874	0.000993812	9.54163	9.54163	0.0183696	3.74164	3.74164	0.142503	2.06891	2.06891	4.31786	14.5447	2.99423	1
cg23605670	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0271826	0.0414001	4.17935	4.17935	0.0134395	6.42919	6.42919	0.014368	6.26373	6.26373	0.28678	1.95916	1.95916	0.0552381	3.74821	3.74821	0.0531199	3.80397	3.80397	0.00310574	11.6999	11.6999	0.05032	3.88253	3.88253	0.190082	2.32508	2.32508	4.23164	24.774	5.20396	1
cg25712981	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0313328	0.108004	3.08225	3.08225	0.00485248	10.9959	10.9959	0.00902466	8.42065	8.42065	0.53504	1.49668	1.49668	0.12818	2.87379	2.87379	0.235398	2.22162	2.22162	0.00705492	9.34926	9.34926	0.0648214	3.78527	3.78527	0.132244	2.8371	2.8371	4.02407	26.2594	5.80052	1
cg22510412	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0331538	0.262239	1.82504	1.82504	0.00159086	10.3009	10.3009	0.011038	5.15821	5.15821	0.249814	1.85696	1.85696	0.530382	1.38694	1.38694	0.411317	1.54086	1.54086	0.0204101	4.213	4.213	0.18461	2.06304	2.06304	0.183238	2.0683	2.0683	3.94346	16.5415	3.7286	1
cg12862537	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.034943	0.471959	1.57472	1.57472	0.00555224	9.594	9.594	0.00462878	10.3619	10.3619	0.174953	2.44818	2.44818	0.102772	3.02783	3.02783	0.126324	2.79111	2.79111	0.0154032	6.32974	6.32974	0.128934	2.76852	2.76852	0.159408	2.54263	2.54263	3.86941	23.6041	5.42238	1
cg24675557	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0354931	0.245965	1.80392	1.80392	0.00280071	7.4084	7.4084	0.0196074	3.93947	3.93947	0.224314	1.8601	1.8601	0.966115	1.02087	1.02087	0.174488	2.01836	2.01836	0.0125393	4.52591	4.52591	0.0477137	3.00666	3.00666	0.371766	1.56186	1.56186	3.84758	14.4053	3.32799	1
cg20479660	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.03962	0.112363	2.26096	2.26096	0.00817743	4.93934	4.93934	0.0190184	3.81887	3.81887	0.0444511	2.97222	2.97222	0.854443	0.91698	-1.09054	0.437345	1.45342	1.45342	0.0176481	3.90529	3.90529	0.0265985	3.45665	3.45665	0.185312	1.94046	1.94046	3.6961	13.0385	3.13568	1
cg11252765	BLCAP;BLCAP;BLCAP;NNAT;BLCAP;BLCAP;NNAT	1.57E-06	0.696557	0.929971	-1.0753	0.419845	1.16496	1.16496	1.72E-07	19.84	19.84	4.17E-06	7.19707	7.19707	0.238901	0.795725	-1.25671	0.847042	1.03642	1.03642	3.74E-07	14.9421	14.9421	0.00317267	2.10991	2.10991	0.556659	0.895712	-1.11643	65.3276	35.5084	0.483149	1
cg10642330	BLCAP;BLCAP;BLCAP;NNAT;BLCAP;BLCAP;NNAT	1.74E-06	0.941061	1.01082	1.01082	0.00222954	0.536288	-1.86467	3.83E-05	3.15472	3.15472	0.000130246	2.62913	2.62913	0.570994	1.08686	1.08686	0.0150999	0.647659	-1.54402	3.45E-08	17.8183	17.8183	0.199187	1.21817	1.21817	0.442839	0.89241	-1.12056	63.6166	21.3233	0.297942	1
cg16326421	BLCAP;BLCAP;BLCAP;NNAT;BLCAP;BLCAP;NNAT	3.78E-06	0.0472469	1.25391	1.25391	0.0029297	0.665429	-1.50279	0.00544922	1.43964	1.43964	3.58E-05	2.21283	2.21283	0.248311	1.12782	1.12782	0.760332	0.969966	-1.03096	6.49E-08	6.17565	6.17565	0.36954	0.912242	-1.0962	0.213641	0.877644	-1.13941	52.1443	8.20372	0.139846	1
cg06198069	BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP;BLCAP	1.80E-07	0.27768	0.889807	-1.12384	0.63874	0.952275	-1.05012	1.09E-05	2.63669	2.63669	2.20E-07	5.03362	5.03362	0.0306082	0.768964	-1.30045	0.604771	1.05548	1.05548	4.59E-09	14.0657	14.0657	0.235867	1.13708	1.13708	0.49693	1.07394	1.07394	113.427	19.2137	0.150571	1
cg22582721	BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP;BLCAP	0.000548346	0.0583711	0.820837	-1.21827	0.788601	0.975499	-1.02512	0.218066	1.12704	1.12704	2.46E-05	2.16978	2.16978	0.00209393	0.670614	-1.49117	0.0750242	0.832764	-1.20082	0.0598747	1.21649	1.21649	0.0897073	1.18848	1.18848	0.840609	1.01876	1.01876	13.9288	1.87953	0.119945	1
cg25962605	BLCAP;NNAT;BLCAP;BLCAP;BLCAP;BLCAP;NNAT	0.00212558	0.816236	0.95618	-1.04583	0.0224266	1.69297	1.69297	0.0110978	1.84587	1.84587	0.00165988	2.37791	2.37791	0.819896	0.957052	-1.04488	0.186177	1.30968	1.30968	6.67E-05	4.0831	4.0831	0.514428	1.13571	1.13571	0.544284	1.12539	1.12539	9.47211	5.55847	0.521622	1
cg24861686	BLK	0.000152681	0.00145928	0.178395	-5.60553	0.0331673	0.393042	-2.54426	0.0002633	0.105549	-9.47426	0.390114	0.718746	-1.39131	0.000251848	0.103994	-9.61595	0.00238418	0.204345	-4.89369	1.50E-05	0.0344645	-29.0153	0.000121116	0.080623	-12.4034	0.0370733	0.403391	-2.47898	19.7623	44.016	1.97979	1
cg04335815	BLK	0.000290441	0.022819	0.39484	-2.53267	0.879166	0.949429	-1.05326	0.000452768	0.151743	-6.59008	0.246701	1.51166	1.51166	0.00883516	0.320763	-3.11756	0.436103	0.762598	-1.31131	8.77E-06	0.0371887	-26.8899	0.00307759	0.251036	-3.98349	0.910639	1.03904	1.03904	16.5965	30.5854	1.63812	1
cg21701351	BLK	0.000397735	0.373106	0.832627	-1.20102	0.0186484	0.564813	-1.7705	2.19E-05	0.18129	-5.51601	0.000310371	0.309695	-3.22898	0.00234301	0.427073	-2.34152	0.00863663	0.511322	-1.95571	0.76623	1.06155	1.06155	0.00213597	0.421362	-2.37325	0.740066	1.06897	1.06897	15.224	9.67621	0.564968	1
cg14702231	BLK	0.000502954	0.0192465	0.433621	-2.30616	0.00316642	0.304306	-3.28617	0.00138884	0.254763	-3.92522	0.201548	0.671675	-1.48881	0.00157664	0.262039	-3.81622	0.0117258	0.394897	-2.5323	2.09E-05	0.0794546	-12.5858	0.000814007	0.22545	-4.43557	0.0736462	0.555179	-1.80122	14.2672	19.6759	1.22587	1
cg21497594	BLK	0.000661896	0.00327506	0.363276	-2.75273	0.424993	1.22855	1.22855	0.000491782	0.25182	-3.9711	0.00252141	0.346588	-2.88527	0.000301941	0.226644	-4.4122	0.358935	1.26912	1.26912	0.200118	1.40768	1.40768	0.000755204	0.275132	-3.63462	0.540873	0.855218	-1.16929	13.2164	13.3607	0.898594	1
cg13533935	BLK	0.00210417	0.000839508	0.199963	-5.00093	0.00479599	0.301402	-3.31783	0.0178408	0.397454	-2.51602	0.0269208	0.431874	-2.31549	0.00120261	0.218738	-4.57167	0.187344	0.639071	-1.56477	0.000573788	0.181228	-5.51792	0.00388702	0.287721	-3.47558	0.0144613	0.380761	-2.62632	9.50016	15.4464	1.44525	1
cg26161004	BLK	0.0128092	0.518182	0.831381	-1.20282	0.193874	0.678745	-1.47331	0.00198027	0.291766	-3.4274	0.454421	0.806698	-1.23962	0.00146179	0.273781	-3.65255	0.897704	1.03692	1.03692	0.136912	0.636561	-1.57094	0.00721337	0.376247	-2.65783	0.607374	0.864067	-1.15732	5.45642	6.86752	1.11877	1
cg07608611	BLK	0.0226374	0.940022	0.976541	-1.02402	0.0300563	0.44712	-2.23654	0.000450724	0.174656	-5.72555	0.93252	0.973638	-1.02708	0.136838	0.603174	-1.6579	0.880621	0.953699	-1.04855	0.134732	0.601278	-1.66312	0.208243	0.658012	-1.51973	0.646185	0.864317	-1.15698	4.50947	7.10727	1.40096	1
cg07764073	BLK	0.0369267	0.479628	0.834193	-1.19876	0.364452	1.26504	1.26504	0.000975862	0.290116	-3.4469	0.355072	0.786627	-1.27125	0.972047	1.00888	1.00888	0.633128	0.885754	-1.12898	0.787666	0.934162	-1.07048	0.0346052	0.537116	-1.8618	0.190442	0.704842	-1.41876	3.7926	3.82275	0.895954	1
cg19882315	BLK;BLK	0.000140697	0.324731	1.09566	1.09566	0.0739114	1.19597	1.19597	6.46E-06	0.40531	-2.46725	0.32489	1.09563	1.09563	0.416944	0.928181	-1.07738	0.00667938	1.37181	1.37181	0.000432104	1.64894	1.64894	0.218514	0.890232	-1.1233	0.306815	1.09971	1.09971	20.2023	2.58236	0.113622	1
cg04120645	BLM	0.00102652	0.0281002	3.00009	3.00009	?	?	?	0.000231008	29.1138	29.1138	?	?	?	?	?	?	0.41919	0.729128	-1.3715	?	?	?	?	?	?	0.0146594	0.26914	-3.71554	30.7443	28.28	1.14981	1
cg13108397	BLM	0.00325238	0.0103974	0.229726	-4.35302	0.00455754	0.178674	-5.59677	0.0105716	0.230861	-4.3316	0.808853	1.11681	1.11681	0.998126	1.00107	1.00107	0.0831671	0.417118	-2.3974	0.000252739	0.0639369	-15.6404	0.818374	1.11055	1.11055	0.00494881	0.18333	-5.45464	8.35493	27.4952	2.92524	1
cg02756768	BLM	0.00778298	0.131838	0.778905	-1.28385	0.00139242	2.03718	2.03718	0.16193	1.25787	1.25787	0.651549	1.07234	1.07234	0.957299	1.00826	1.00826	0.00552158	0.571054	-1.75115	0.0180343	0.64318	-1.55477	0.957628	1.0082	1.0082	0.351249	0.862967	-1.15879	6.39924	2.39177	0.33223	1
cg01321816	BLM	0.0237364	0.111159	0.501193	-1.99524	0.00116969	0.150071	-6.6635	0.00716048	0.251028	-3.98361	0.0490861	0.408929	-2.44541	0.179443	0.566889	-1.76401	0.0559139	0.422308	-2.36794	0.654804	0.835999	-1.19617	0.147706	0.538884	-1.85569	0.142144	0.533584	-1.87412	4.43632	11.1322	2.23051	1
cg07038887	BLMH	0.00120971	0.00279862	0.658429	-1.51877	0.0424765	0.788982	-1.26746	0.000650945	0.588409	-1.6995	0.00269621	0.656653	-1.52287	0.605296	1.05431	1.05431	0.00807221	0.708789	-1.41086	0.00859977	0.7118	-1.40489	0.0422569	1.26787	1.26787	0.00117809	0.617038	-1.62065	11.1461	1.81673	0.144882	1
cg20215212	BLMH	0.0156575	0.0593855	0.447157	-2.23635	0.0266246	0.370228	-2.70104	0.237603	0.626331	-1.5966	0.116578	0.524741	-1.9057	0.0280891	0.374949	-2.66703	0.247174	0.632799	-1.58028	0.00101586	0.158305	-6.31694	0.00498012	0.245165	-4.07888	0.0529892	0.435343	-2.29704	5.10758	11.5693	2.01344	1
cg24430871	BLMH	0.0192003	0.0054909	0.239097	-4.1824	0.584803	0.805538	-1.24141	0.005183	0.235451	-4.24717	0.00496257	0.232732	-4.2968	0.236921	1.62524	1.62524	0.942713	1.02857	1.02857	0.973617	1.01305	1.01305	0.653296	0.837604	-1.19388	0.281836	0.645105	-1.55014	4.77011	11.6047	2.16248	1
cg06971248	BLMH	0.028643	0.965397	1.00435	1.00435	0.247715	0.8862	-1.12841	0.84988	1.01912	1.01912	0.298293	0.897826	-1.1138	0.0955077	1.2009	1.2009	0.0779811	1.21627	1.21627	0.00791932	1.40557	1.40557	0.411973	1.08748	1.08748	0.00410025	1.46958	1.46958	4.15438	0.657541	0.14069	1
cg12034494	BLNK;BLNK	0.00125311	0.168058	0.557318	-1.79431	0.141268	0.532821	-1.8768	0.00362661	0.208779	-4.78974	0.0152551	0.305548	-3.27281	0.000101062	0.0644367	-15.5191	0.00463775	0.223421	-4.47586	0.000405584	0.106808	-9.36262	0.0040861	0.215791	-4.63412	0.060519	0.430748	-2.32154	11.0344	27.6751	2.2294	1
cg02980499	BLNK;BLNK	0.00276293	0.860709	0.969915	-1.03102	0.00380968	0.507301	-1.97121	0.00522838	0.526894	-1.89791	0.601906	0.912526	-1.09586	0.160922	0.770708	-1.29751	0.047158	1.48445	1.48445	0.000283914	0.356561	-2.80457	0.0955433	0.727265	-1.37501	0.00933302	0.563564	-1.77442	8.76947	4.20118	0.425839	1
cg16779976	BLNK;BLNK	0.00577986	0.718016	0.915244	-1.0926	0.168497	0.698816	-1.43099	0.000767598	0.288142	-3.47051	0.0194603	0.501655	-1.9934	0.000620506	0.276308	-3.61915	0.632324	1.12494	1.12494	0.0379187	0.555543	-1.80004	0.968973	1.00954	1.00954	0.16264	0.694872	-1.43911	7.0196	6.63098	0.839677	1
cg23715056	BLNK;BLNK	0.0121727	0.0461276	2.66686	2.66686	0.0182809	3.41952	3.41952	0.163198	1.89434	1.89434	0.276396	0.615088	-1.62578	0.152685	1.92997	1.92997	0.675907	0.834873	-1.19779	0.000930712	8.34408	8.34408	0.0110333	3.92955	3.92955	0.0882293	2.24229	2.24229	5.54769	16.1898	2.59404	1
cg03281335	BLNK;BLNK	0.0143902	0.00344794	0.480313	-2.08198	0.5324	1.12385	1.12385	0.0133802	0.568009	-1.76053	0.110422	0.725288	-1.37876	0.00474038	0.50029	-1.99884	0.0713936	0.689513	-1.4503	0.141405	1.33908	1.33908	0.556733	0.896063	-1.11599	0.236081	0.795141	-1.25764	5.25216	2.83558	0.479901	1
cg25263238	BLNK;BLNK	0.0258719	0.311311	0.653899	-1.52929	0.0297922	0.354509	-2.8208	0.0208482	0.323725	-3.08904	0.126052	0.511052	-1.95675	0.00186468	0.166961	-5.98943	0.886272	1.05975	1.05975	0.0240688	0.335817	-2.97782	0.886134	1.05983	1.05983	0.0946244	0.474712	-2.10654	4.30549	11.2147	2.31532	1
cg16337574	BLOC1S1	0.00242413	0.639917	0.897303	-1.11445	0.00567755	2.30353	2.30353	0.231911	0.749499	-1.33422	0.746583	1.07742	1.07742	0.000175453	0.23138	-4.3219	0.302258	1.27862	1.27862	0.0948502	1.52528	1.52528	0.0131163	2.02892	2.02892	0.995997	1.00115	1.00115	9.11427	7.63511	0.74463	1
cg12683929	BLOC1S1	0.00571657	0.361717	0.549683	-1.81923	0.928559	1.05891	1.05891	0.98258	0.986161	-1.01403	0.548953	1.47266	1.47266	0.000101479	0.0123331	-81.0828	0.334073	0.529464	-1.8887	0.377089	1.78336	1.78336	0.0720607	3.60205	3.60205	0.591757	1.41275	1.41275	7.04344	45.4452	5.73522	1
cg26037821	BLOC1S1	0.00973355	0.00948323	0.226789	-4.40939	0.00229233	0.145975	-6.85049	0.0232301	0.293852	-3.40308	0.611877	1.25984	1.25984	0.00353712	0.167823	-5.95864	0.030198	0.316475	-3.1598	0.0243182	0.297691	-3.35918	0.324056	0.631441	-1.58368	0.0295023	0.314403	-3.18063	5.96184	19.2408	2.86874	1
cg12191764	BLOC1S1	0.0125843	0.0464387	0.542193	-1.84436	0.0287327	1.99836	1.99836	0.106021	1.60605	1.60605	0.661353	1.12558	1.12558	0.0370432	0.522137	-1.91521	0.665503	0.889824	-1.12382	0.653519	1.12892	1.12892	0.00162586	0.297653	-3.35962	0.424714	1.24456	1.24456	5.48801	6.25998	1.01392	1
cg04402803	BLOC1S1	0.0216343	0.82984	1.12379	1.12379	0.0651119	3.07423	3.07423	0.0407377	3.6004	3.6004	0.61755	1.31389	1.31389	0.993571	0.99564	-1.00438	0.0647139	3.0806	3.0806	0.0185474	4.70337	4.70337	0.000831782	15.3065	15.3065	0.770996	1.17149	1.17149	4.58018	21.3324	4.14004	1
cg08222053	BLOC1S1;RDH5	0.0089771	0.494349	1.19898	1.19898	0.0875627	1.63747	1.63747	0.0523904	1.78045	1.78045	0.036262	1.89012	1.89012	0.00226525	0.327273	-3.05556	0.51839	1.18674	1.18674	0.0845419	0.607194	-1.64692	0.0107932	2.31037	2.31037	0.307517	1.31814	1.31814	6.11732	6.62478	0.962626	1
cg13799005	BLOC1S1;RDH5	0.0438418	0.131213	0.660464	-1.51409	0.082931	1.63026	1.63026	0.00811257	0.421964	-2.36987	0.0411451	0.548945	-1.82168	0.0994281	0.631463	-1.58362	0.279437	0.751085	-1.33141	0.172439	1.44724	1.44724	0.51083	0.843853	-1.18504	0.778077	0.930603	-1.07457	3.56005	3.65351	0.912225	1
cg02550027	BLOC1S2;BLOC1S2	0.00164454	0.82615	0.955173	-1.04693	0.74546	0.934342	-1.07027	0.326021	1.23544	1.23544	7.62E-05	0.224168	-4.46094	0.846138	0.960305	-1.04134	0.0785877	0.665433	-1.50278	0.000416368	0.31123	-3.21306	0.796499	0.947546	-1.05536	0.4559	1.17155	1.17155	10.2052	7.02575	0.611955	1
cg15298486	BLOC1S2;BLOC1S2	0.00259972	0.892413	1.03154	1.03154	4.95E-05	5.74445	5.74445	0.703068	1.09185	1.09185	0.734785	1.08114	1.08114	0.378372	1.23045	1.23045	0.511745	1.16497	1.16497	0.031963	0.561761	-1.78012	0.0442246	1.6995	1.6995	0.0554587	1.64556	1.64556	8.92857	7.44514	0.741205	1
cg23341182	BLOC1S2;BLOC1S2	0.00869965	0.0356787	0.41482	-2.41068	0.0387428	0.422542	-2.36663	0.276478	0.665369	-1.50292	0.117727	0.542555	-1.84313	0.00239904	0.218178	-4.5834	0.0106861	0.315074	-3.17386	0.000601482	0.148863	-6.71758	0.113427	0.537953	-1.8589	0.0527196	0.452664	-2.20914	6.17848	12.6761	1.82369	1
cg15177315	BLOC1S2;BLOC1S2	0.0155045	0.00086931	0.458738	-2.17989	0.731579	1.05518	1.05518	0.966387	1.00659	1.00659	0.654552	0.932163	-1.07277	0.343662	0.858855	-1.16434	0.82473	0.965995	-1.0352	0.00273997	0.524722	-1.90577	0.0516692	0.707911	-1.41261	0.621829	0.92538	-1.08064	5.12425	1.97443	0.342499	1
cg04146553	BLOC1S2;BLOC1S2	0.0273727	0.102071	0.655118	-1.52644	0.463224	0.838215	-1.19301	0.200569	0.72648	-1.3765	0.532371	0.861154	-1.16123	0.00247698	0.369969	-2.70293	0.106746	0.659518	-1.51626	0.0790346	1.58553	1.58553	0.602693	0.883267	-1.13216	0.0132026	0.483784	-2.06704	4.2213	3.73494	0.786476	1
cg07802220	BLOC1S2;BLOC1S2	0.0299251	0.617272	0.938561	-1.06546	0.210549	0.847008	-1.18063	0.707696	1.04855	1.04855	0.980568	1.00307	1.00307	0.00159934	1.768	1.768	0.0735637	1.2854	1.2854	0.17152	0.832595	-1.20106	0.621754	1.06459	1.06459	0.0651944	1.29763	1.29763	4.09046	1.02615	0.22299	1
cg09081965	BLOC1S2;BLOC1S2;BLOC1S2	0.0175375	0.197458	1.38085	1.38085	0.0327573	1.80701	1.80701	0.485932	0.845605	-1.18259	0.247622	1.33151	1.33151	0.0139794	0.487256	-2.05231	0.544693	1.15629	1.15629	0.00318385	0.385175	-2.59622	0.184893	0.716723	-1.39524	0.454554	0.83491	-1.19773	4.91794	4.36992	0.789839	1
cg13950558	BLOC1S3	0.00431635	0.113047	0.725811	-1.37777	0.0948549	0.711003	-1.40646	0.94221	0.986619	-1.01356	0.88477	1.02731	1.02731	0.000371719	0.347076	-2.88122	0.403598	0.853161	-1.17211	0.00241631	0.456118	-2.19242	0.00145511	0.425499	-2.35018	0.844412	0.964149	-1.03718	7.67402	4.19617	0.486047	1
cg23256630	BLOC1S3;TRAPPC6A	1.09E-07	0.0319499	0.682588	-1.46501	0.95696	0.991834	-1.00823	0.00803878	1.67512	1.67512	1.08E-09	0.00944511	-105.875	0.239026	0.829165	-1.20603	0.162563	1.2542	1.2542	0.000235383	2.52482	2.52482	0.0350194	1.45235	1.45235	0.176858	0.804051	-1.2437	128.857	47.1043	0.324937	1
cg00555293	BLOC1S3;TRAPPC6A	0.00718893	0.0130638	1.53166	1.53166	0.540643	1.08956	1.08956	0.00143575	1.89309	1.89309	0.0236958	0.688008	-1.45347	0.680169	0.944216	-1.05908	0.0219804	1.46302	1.46302	0.0174098	1.4932	1.4932	0.715209	1.05205	1.05205	0.0423266	1.38241	1.38241	6.56037	1.99235	0.269951	1
cg07928695	BLOC1S3;TRAPPC6A	0.0135922	0.408135	0.894288	-1.11821	0.00148481	1.83175	1.83175	0.0212862	1.44127	1.44127	0.93338	0.98902	-1.0111	0.0210196	0.693104	-1.44279	0.718915	1.04888	1.04888	0.406515	1.11866	1.11866	0.983571	1.00272	1.00272	0.0390896	1.37072	1.37072	5.35157	1.478	0.245495	1
cg11589573	BLOC1S3;TRAPPC6A	0.02789	0.18103	1.1436	1.1436	0.0734156	0.82811	-1.20757	0.0126388	1.34034	1.34034	0.0277359	1.27869	1.27869	0.17002	1.14808	1.14808	0.360293	1.09293	1.09293	0.176273	0.872979	-1.1455	0.0485563	0.808236	-1.23726	0.479578	1.07027	1.07027	4.19359	0.592948	0.125683	1
cg22193146	BLOC1S3;TRAPPC6A	0.0285645	0.183678	1.29373	1.29373	0.001528	2.30003	2.30003	0.0132152	1.75205	1.75205	0.460616	1.147	1.147	0.754418	0.944316	-1.05897	0.287974	1.22314	1.22314	0.627713	0.914641	-1.09333	0.0352983	1.56452	1.56452	0.161709	1.31368	1.31368	4.15841	2.19544	0.469292	1
cg04881464	BLOC1S3;TRAPPC6A	0.0397709	0.0398919	0.816767	-1.22434	0.0112742	1.31536	1.31536	0.49742	1.05919	1.05919	0.159118	0.881068	-1.13499	0.378732	0.927276	-1.07843	0.151832	1.13796	1.13796	0.657215	1.03793	1.03793	0.0288488	0.802256	-1.24648	0.699718	1.03283	1.03283	4.03159	0.433533	0.0836375	1
cg01581867	BLVRA	0.00250418	0.58006	0.940347	-1.06344	0.917759	1.01143	1.01143	0.158554	1.18042	1.18042	0.0816152	0.808639	-1.23665	0.000132541	0.482179	-2.07392	0.00422142	0.655995	-1.5244	0.270175	1.13469	1.13469	0.129197	1.19774	1.19774	0.143736	1.18872	1.18872	9.0276	1.73172	0.170511	1
cg14579118	BLVRA	0.0149935	0.0506094	0.446537	-2.23946	0.644505	1.18313	1.18313	0.671156	1.16715	1.16715	0.113456	0.536116	-1.86527	0.000421971	0.132367	-7.55477	0.0476216	0.440472	-2.27029	0.702199	0.870188	-1.14918	0.600245	0.825815	-1.21093	0.0423308	0.428966	-2.33119	5.18145	10.7501	1.84421	1
cg04391064	BLVRA	0.029813	0.311018	1.57948	1.57948	0.0201883	3.39284	3.39284	0.715917	1.17279	1.17279	0.111035	2.13207	2.13207	0.0243126	0.310174	-3.22399	0.850096	1.08601	1.08601	0.11676	2.10256	2.10256	0.00553886	4.90148	4.90148	0.955346	1.02472	1.02472	4.09591	12.3365	2.67724	1
cg00167504	BLVRA	0.0346108	0.216303	0.850858	-1.17528	0.0222931	1.40492	1.40492	0.972907	1.00422	1.00422	0.021769	0.710463	-1.40753	0.845135	1.02457	1.02457	0.793832	1.03304	1.03304	0.871678	0.980134	-1.02027	0.183987	1.19119	1.19119	0.00818086	1.52206	1.52206	3.8828	0.947531	0.216918	1
cg27030336	BLVRA	0.0448883	0.279706	1.11201	1.11201	0.902117	0.988443	-1.01169	0.723862	0.967041	-1.03408	0.0255581	1.28487	1.28487	0.919962	1.00954	1.00954	0.0382681	1.25465	1.25465	0.0619746	0.819908	-1.21965	0.215337	0.884074	-1.13113	0.0299959	0.785692	-1.27276	3.52881	0.498867	0.125662	1
cg27064521	BLVRB	0.00619467	0.344417	0.548128	-1.82439	0.0735245	0.291768	-3.42738	0.294277	0.510903	-1.95732	0.00427733	0.0944714	-10.5852	0.00102125	0.0494644	-20.2165	0.0118572	0.143785	-6.95482	0.00093073	0.0472986	-21.1423	0.299936	0.515208	-1.94096	0.0616523	0.272664	-3.66752	6.87103	41.4771	5.3658	1
cg06663644	BLVRB	0.0126418	0.528817	0.81568	-1.22597	0.0251768	2.33991	2.33991	0.502187	1.24292	1.24292	0.152701	1.63077	1.63077	0.309935	1.39861	1.39861	0.00564055	3.18962	3.18962	0.00167841	4.19639	4.19639	0.00643438	3.10051	3.10051	0.87173	0.949714	-1.05295	5.47988	8.84816	1.43526	1
cg04414865	BLZF1	0.0439311	0.35604	0.844338	-1.18436	0.847826	0.966339	-1.03483	0.82066	0.960338	-1.0413	0.00395053	0.501084	-1.99567	0.057636	0.682064	-1.46614	0.350031	1.18703	1.18703	0.85013	0.966847	-1.03429	0.0580707	0.682631	-1.46492	0.0170647	0.595532	-1.67917	3.55734	1.78979	0.447223	1
cg03052835	BLZF1;BLZF1;NME7;NME7	0.0459437	0.532746	1.11332	1.11332	0.0579904	0.69484	-1.43918	0.103103	0.738656	-1.35381	0.920371	0.983156	-1.01713	0.0182564	1.62703	1.62703	0.23451	1.23579	1.23579	0.0229302	0.629833	-1.58772	0.225417	0.805498	-1.24147	0.724331	1.062	1.062	3.4982	1.59911	0.406333	1
cg27292174	BLZF1;NME7;NME7;NME7;NME7	0.0188599	0.925258	0.989961	-1.01014	0.204888	1.15469	1.15469	0.311077	1.11928	1.11928	0.00235571	0.633663	-1.57813	0.290883	1.12508	1.12508	0.937184	0.991561	-1.00851	0.253421	0.879634	-1.13684	0.253118	0.879555	-1.13694	0.00798196	1.4414	1.4414	4.79905	0.878738	0.162762	1
cg26628634	BLZF1;NME7;NME7;NME7;NME7	0.0194623	0.026486	0.694815	-1.43923	0.0179971	0.671789	-1.48856	0.992807	1.00125	1.00125	0.109988	1.27268	1.27268	0.0335382	1.41016	1.41016	0.6697	0.942339	-1.06119	0.0144597	1.51759	1.51759	0.182511	1.2163	1.2163	0.270838	1.17196	1.17196	4.74827	1.44064	0.269693	1
cg03047114	BLZF1;NME7;NME7;NME7;NME7	0.0294377	0.25954	1.13349	1.13349	0.697691	1.04246	1.04246	0.765931	1.03232	1.03232	0.0425928	1.28238	1.28238	0.0226968	1.33721	1.33721	0.353828	1.10697	1.10697	0.00380018	0.659754	-1.51572	0.82503	0.976687	-1.02387	0.173391	1.16687	1.16687	4.11435	0.739558	0.159778	1
cg00511731	BMF	0.000213239	?	?	?	4.82E-05	0.128386	-7.789	0.141398	0.714261	-1.40005	0.0162104	0.517964	-1.93064	3.87E-05	0.118564	-8.4343	0.0475664	0.610384	-1.63831	0.0035699	2.51101	2.51101	0.462315	0.855535	-1.16886	0.226478	1.30713	1.30713	32.7546	18.8534	0.431696	1
cg11737246	BMF	0.000529586	0.013582	0.399629	-2.50232	0.266258	1.41611	1.41611	0.143394	0.623589	-1.60362	0.232993	1.45588	1.45588	0.424767	1.27739	1.27739	0.0518704	0.51456	-1.94341	1.41E-05	0.0658812	-15.1788	0.0150024	2.45485	2.45485	0.545432	1.20176	1.20176	14.0642	20.0934	1.26994	1
cg05728786	BMF	0.00453536	0.208176	0.717252	-1.39421	0.655586	1.11899	1.11899	0.683318	1.10818	1.10818	0.00701018	0.417616	-2.39454	0.0181337	0.487426	-2.05159	0.0423755	0.556835	-1.79586	0.000203336	0.210149	-4.75853	0.174371	1.43599	1.43599	0.274903	0.752392	-1.32909	7.55974	7.50964	0.882997	1
cg18264548	BMF	0.0132266	0.86135	0.956318	-1.04568	0.755306	0.923232	-1.08315	0.0492563	1.77434	1.77434	0.147441	0.672238	-1.48757	0.3652	0.788428	-1.26835	0.739801	0.918368	-1.08889	0.00402792	0.372666	-2.68337	0.00263323	2.89683	2.89683	0.602538	1.14366	1.14366	5.39956	5.58241	0.91899	1
cg02313495	BMF;BMF;BMF;BMF	0.00233787	0.000489784	0.125134	-7.99141	0.0196187	0.342013	-2.92386	0.0018989	0.187404	-5.33608	0.90092	1.04854	1.04854	0.00281506	0.208889	-4.78723	0.152242	1.79244	1.79244	0.281954	0.653456	-1.53032	0.521378	1.28059	1.28059	0.00685587	0.263843	-3.79013	9.21176	21.1256	2.03851	1
cg26662201	BMF;BMF;BMF;BMF	0.00761368	0.848376	0.976425	-1.02414	0.0656912	0.773029	-1.29361	0.000212434	0.46237	-2.16277	0.293504	0.873002	-1.14547	0.19762	0.843882	-1.185	0.516474	1.08545	1.08545	0.127702	1.22787	1.22787	0.0720408	0.778588	-1.28438	0.0415137	0.746039	-1.34041	6.44355	1.58542	0.218708	1
cg09587957	BMF;BMF;BMF;BMF	0.0160916	0.0018982	0.414384	-2.41322	0.0256718	0.588286	-1.69985	0.158762	0.739676	-1.35194	0.5539	0.88704	-1.12734	0.0124314	0.536465	-1.86406	0.533156	0.881301	-1.13469	0.748034	0.937517	-1.06665	0.0358081	1.63061	1.63061	0.299769	0.806444	-1.24001	5.06137	3.21239	0.564168	1
cg22959260	BMF;BMF;BMF;BMF	0.028406	0.0255168	0.415486	-2.40682	0.00733476	0.318592	-3.13881	0.504287	0.799119	-1.25138	0.496178	1.25691	1.25691	0.00577305	0.302109	-3.31007	0.767266	0.906453	-1.1032	0.507996	0.800722	-1.24887	0.122471	1.73999	1.73999	0.872039	0.948053	-1.05479	4.16658	7.22685	1.54176	1
cg23895262	BMF;BMF;BMF;BMF	0.0323392	0.520122	0.814573	-1.22764	0.615366	1.17276	1.17276	0.995452	1.00179	1.00179	0.0105861	0.363719	-2.74938	0.00105868	0.218025	-4.58663	0.409826	0.767087	-1.30363	0.226409	0.670615	-1.49117	0.323173	0.725416	-1.37852	0.521617	0.815188	-1.22671	3.97883	6.23596	1.39314	1
cg09749364	BMF;BMF;BMF;BMF	0.0352084	0.184242	0.553184	-1.80772	0.00368324	0.192023	-5.2077	0.365095	0.676253	-1.47874	0.473473	0.736042	-1.35862	0.0606852	0.41109	-2.43256	0.138699	0.511711	-1.95423	0.00816925	0.241015	-4.14912	0.0235058	0.320684	-3.11833	0.829188	1.09507	1.09507	3.85883	10.7989	2.48755	1
cg07887985	BMF;BMF;BMF;BMF	0.0455718	0.32903	1.27765	1.27765	0.673029	0.901912	-1.10876	0.00239002	0.357181	-2.7997	0.967155	1.01007	1.01007	0.268062	0.755329	-1.32393	0.0512365	0.58278	-1.71591	0.202752	1.3869	1.3869	0.611329	0.882804	-1.13275	0.134253	0.675176	-1.48109	3.50888	3.28773	0.832866	1
cg18494902	BMF;BMF;BMF;BMF;BMF	0.00404409	0.0329215	0.656711	-1.52274	0.116964	1.33249	1.33249	0.000163181	0.338209	-2.95675	0.0873089	1.37463	1.37463	0.0335987	0.658116	-1.51949	0.922833	1.01646	1.01646	0.320735	0.841199	-1.18878	0.262563	1.21761	1.21761	0.332027	0.844777	-1.18374	7.82658	3.52161	0.39996	1
cg09529150	BMI1	0.00037645	0.720413	0.939395	-1.06452	0.012346	0.581618	-1.71934	0.056069	0.686305	-1.45708	0.751711	0.946281	-1.05677	0.00267466	0.485664	-2.05904	0.0315164	0.644856	-1.55073	4.56E-06	0.160126	-6.24508	0.197414	0.788969	-1.26748	0.0170209	0.60281	-1.6589	15.4564	7.40796	0.426027	1
cg07373003	BMI1	0.000408402	0.932138	1.00524	1.00524	0.069494	0.882809	-1.13275	0.496938	0.958542	-1.04325	0.019272	1.1898	1.1898	0.000135863	0.666676	-1.49998	0.00295262	0.778371	-1.28473	0.000104752	0.656483	-1.52327	0.0642229	0.88015	-1.13617	0.0294262	1.17053	1.17053	15.1133	0.902109	0.0530575	1
cg13984351	BMI1	0.00136957	0.131724	1.14716	1.14716	0.000135372	1.74643	1.74643	0.0109666	1.30911	1.30911	0.403194	0.930361	-1.07485	0.408698	1.07391	1.07391	0.00242056	0.700206	-1.42815	0.0259995	0.800149	-1.24977	0.786611	0.977364	-1.02316	0.952223	0.994957	-1.00507	10.7572	1.21303	0.100236	1
cg19225068	BMI1	0.00166268	0.162274	0.747397	-1.33798	0.00992769	0.529637	-1.88808	0.682427	0.922859	-1.08359	0.00259036	0.442786	-2.25842	4.87E-05	0.225274	-4.43904	0.0290294	0.605217	-1.6523	0.00290695	0.449961	-2.22241	0.20649	0.771041	-1.29695	0.0852484	0.689836	-1.44962	10.1729	6.13542	0.536103	1
cg10091662	BMI1	0.00253345	0.00132116	0.0738507	-13.5408	0.307065	1.58166	1.58166	0.915135	0.95582	-1.04622	?	?	?	?	?	?	?	?	?	0.00126372	13.8921	13.8921	?	?	?	0.451981	1.38922	1.38922	20.0636	29.0982	1.4503	1
cg17272579	BMI1	0.00268302	0.00421768	1.5814	1.5814	0.188953	0.846643	-1.18113	0.98301	0.997456	-1.00255	0.0782493	0.791353	-1.26366	0.0431942	1.32078	1.32078	0.000734871	1.8471	1.8471	0.00332475	0.619927	-1.61309	0.90383	1.01456	1.01456	0.91997	0.988051	-1.01209	8.84586	2.00458	0.201433	1
cg04111999	BMI1	0.00500329	0.067272	0.580263	-1.72336	0.0562717	0.56341	-1.77491	0.0282286	0.502757	-1.98903	0.743053	1.09123	1.09123	0.000422318	0.227018	-4.40494	0.00126438	0.286829	-3.4864	0.0107656	0.427235	-2.34063	0.166238	0.675827	-1.47967	0.0339036	0.518243	-1.9296	7.33712	8.18614	0.991748	1
cg22700218	BMI1	0.00706267	0.0881432	0.554344	-1.80394	0.0489755	0.494224	-2.02338	0.189094	0.6465	-1.54679	0.0226972	0.425218	-2.35173	0.00611321	0.325665	-3.07064	0.0271302	0.440407	-2.27063	0.00023081	0.147074	-6.7993	0.0599434	0.514061	-1.94529	0.0423737	0.480486	-2.08122	6.59675	10.2696	1.3838	1
cg17782713	BMI1	0.00911276	0.049195	0.338338	-2.95562	0.00444539	0.160106	-6.24585	0.00223255	0.126576	-7.90037	0.308765	0.601415	-1.66275	0.020255	0.258924	-3.86214	0.0800074	0.391567	-2.55384	0.00157424	0.111777	-8.94637	0.024303	0.273667	-3.65408	0.131265	0.455456	-2.1956	6.08826	22.466	3.28005	1
cg12616941	BMI1	0.0101287	0.0295866	0.300771	-3.32478	0.0162446	0.251922	-3.96949	0.112375	0.44454	-2.24952	0.133811	0.468409	-2.13489	0.00537073	0.179168	-5.58135	0.0752951	0.395004	-2.53162	0.00042811	0.0731833	-13.6643	0.0686001	0.384389	-2.60153	0.120491	0.453891	-2.20317	5.88648	20.5095	3.09704	1
cg04657605	BMI1;BMI1	0.0175235	0.601916	0.913741	-1.0944	0.12609	1.328	1.328	0.00581828	1.85713	1.85713	0.674981	1.07496	1.07496	0.701039	1.06835	1.06835	0.781328	1.04885	1.04885	0.00182076	0.467884	-2.13728	0.216081	1.24998	1.24998	0.921378	0.983222	-1.01706	4.91925	2.28874	0.413566	1
cg22272100	BMP1	3.04E-06	0.000584388	0.675384	-1.48064	0.00418721	0.753325	-1.32745	2.94E-07	0.329051	-3.03904	3.32E-05	0.551798	-1.81226	2.72E-07	0.325482	-3.07237	0.0216673	0.815834	-1.22574	0.000988739	0.69669	-1.43536	0.985498	1.00134	1.00134	0.00199728	0.724585	-1.3801	55.1667	4.76288	0.0767432	1
cg23043779	BMP1	0.000500509	0.0011689	0.412383	-2.42493	0.0547702	0.667018	-1.49921	0.00152866	0.428301	-2.3348	0.684171	1.07898	1.07898	8.22E-05	0.267428	-3.73932	0.813068	0.956922	-1.04502	0.000183612	0.308758	-3.23878	0.433741	1.16007	1.16007	0.010897	0.552052	-1.81142	14.2865	7.8179	0.486421	1
cg21054655	BMP1	0.027733	0.00371427	0.582563	-1.71655	0.115381	1.26611	1.26611	0.033381	0.709844	-1.40876	0.678569	1.05913	1.05913	0.289177	0.859279	-1.16377	0.112626	1.2688	1.2688	0.684924	0.945321	-1.05784	0.138461	1.24591	1.24591	0.454012	1.11086	1.11086	4.20193	1.26453	0.267502	1
cg10881615	BMP10	7.40E-06	0.0210248	0.726006	-1.3774	0.0568444	0.779868	-1.28227	1.84E-05	0.365178	-2.73839	0.00173038	0.597184	-1.67453	5.61E-05	0.421574	-2.37206	1.10E-05	0.339456	-2.94589	3.39E-07	0.181757	-5.50184	0.000315286	0.509984	-1.96085	0.000132634	0.465574	-2.14789	43.8547	9.24203	0.187326	1
cg12711530	BMP10	0.0146682	0.147255	0.710511	-1.40744	0.536972	1.14727	1.14727	0.448177	0.843776	-1.18515	0.00445451	0.43443	-2.30186	0.00978448	0.487815	-2.04996	0.014239	0.514556	-1.94342	0.0157127	0.521729	-1.9167	0.00743889	0.468827	-2.13298	0.0660943	0.63568	-1.57312	5.21912	3.99192	0.679879	1
cg10976975	BMP10;BMP10	0.0210641	0.333831	0.819684	-1.21998	0.0586942	1.53108	1.53108	0.108032	1.41875	1.41875	0.00858352	0.512369	-1.95172	0.00936504	0.518255	-1.92955	0.307781	0.810109	-1.2344	0.780971	0.945916	-1.05718	0.341689	1.21584	1.21584	0.06136	0.656739	-1.52267	4.62222	2.91287	0.560169	1
cg27504079	BMP15	0.000480032	0.521243	0.888499	-1.12549	0.000104796	0.287515	-3.47808	7.25E-05	0.268883	-3.71909	0.0200961	0.600541	-1.66516	0.00471476	0.505224	-1.97932	0.459453	1.14678	1.14678	0.0757576	1.43248	1.43248	0.864875	1.03145	1.03145	0.367323	1.1834	1.1834	14.4529	7.56838	0.465474	1
cg10479992	BMP15	0.00112695	0.114748	0.54939	-1.8202	0.0700107	0.492927	-2.0287	0.0090565	0.314016	-3.18455	0.41361	0.746875	-1.33891	0.000174054	0.108068	-9.2534	0.41724	1.33575	1.33575	0.000209398	0.114669	-8.72079	0.0894241	0.519991	-1.92311	0.00112617	0.187479	-5.33392	11.3736	21.9652	1.71666	1
cg18267532	BMP15	0.00901813	0.137424	0.640435	-1.56144	0.0996747	1.65299	1.65299	0.0128242	0.422783	-2.36528	0.000906277	0.250965	-3.98461	0.0448026	0.526491	-1.89937	0.274438	0.728521	-1.37264	0.117729	1.60511	1.60511	0.998856	1.0004	1.0004	0.318379	1.33275	1.33275	6.10847	7.50552	1.09218	1
cg26839325	BMP15	0.0239969	0.172371	0.440772	-2.26875	0.0441179	0.271314	-3.68577	0.145787	0.414431	-2.41295	0.067886	0.315552	-3.16905	0.0207723	0.208057	-4.80637	0.675876	0.788861	-1.26765	0.00284774	0.0986206	-10.1399	0.0109088	0.164909	-6.06397	0.0163561	0.191013	-5.23526	4.4196	22.2682	4.47867	1
cg11898317	BMP15	0.0344797	0.236489	1.84438	1.84438	0.488494	1.41523	1.41523	0.135968	0.452527	-2.20981	0.983232	1.01043	1.01043	0.00897797	0.194018	-5.15417	0.0522038	0.336286	-2.97366	0.0103667	0.203242	-4.92025	0.882086	1.076	1.076	0.0574522	0.346307	-2.88761	3.88813	14.9974	3.42864	1
cg10582833	BMP15	0.0383091	0.856698	1.07819	1.07819	0.506897	0.755438	-1.32374	0.330106	0.657974	-1.51982	0.0347858	0.35886	-2.7866	0.00109827	0.134682	-7.42491	0.093014	0.463155	-2.1591	0.284177	0.629142	-1.58947	0.0667712	0.424841	-2.35382	0.305123	0.642556	-1.55629	3.74202	10.2812	2.44223	1
cg05463948	BMP15	0.048439	0.0837557	2.28103	2.28103	0.495284	0.742031	-1.34765	0.974625	0.986388	-1.0138	0.0730741	0.422581	-2.36641	0.0845193	0.439475	-2.27544	0.0167307	3.51989	3.51989	0.148269	1.95074	1.95074	0.231581	0.582366	-1.71713	0.198622	0.556911	-1.79562	3.42914	10.0835	2.61379	1
cg00920938	BMP1;BMP1;BMP1	0.00390651	0.0314116	0.369517	-2.70624	0.0125251	0.293731	-3.40447	0.00106324	0.148313	-6.7425	0.0150014	0.307469	-3.25237	0.00577504	0.240143	-4.16419	0.00624524	0.245193	-4.07843	0.00101137	0.146057	-6.84663	0.998322	0.999171	-1.00083	0.0480567	0.410136	-2.43822	7.90863	19.4858	2.1901	1
cg18544058	BMP1;BMP1;BMP1	0.0122213	0.690058	1.07684	1.07684	0.927674	1.01691	1.01691	0.152881	0.753729	-1.32674	0.936485	0.985389	-1.01483	0.000649014	0.380643	-2.62714	0.142583	1.33785	1.33785	0.0127614	1.77073	1.77073	0.76817	0.946874	-1.05611	0.612188	1.09901	1.09901	5.54052	2.99282	0.480151	1
cg18799284	BMP1;BMP1;BMP1	0.0326083	0.127712	1.53652	1.53652	0.00771279	2.44182	2.44182	0.187053	1.44011	1.44011	0.193364	1.43185	1.43185	0.186941	1.44328	1.44328	0.639119	0.884105	-1.13109	0.00245963	2.99965	2.99965	0.0616139	1.73164	1.73164	0.0877707	1.63471	1.63471	3.96702	4.27352	0.957566	1
cg05635218	BMP1;BMP1;BMP1	0.0440755	0.406082	0.824973	-1.21216	0.209934	1.34865	1.34865	0.0134075	2.00007	2.00007	0.344882	1.24516	1.24516	0.126081	[illegible]	-1.45451	0.780199	1.06538	1.06538	0.014388	0.505137	-1.97966	0.618728	1.12027	1.12027	0.153492	1.41334	1.41334	3.55299	2.88349	0.721394	1
cg07242414	BMP1;BMP1;BMP1;SFTPC	0.0241298	0.0252816	0.53058	-1.88473	0.0230189	0.523187	-1.91136	0.326139	0.785395	-1.27325	0.0580649	0.600234	-1.66022	0.0773622	0.442568	-2.25954	0.636713	0.892828	-1.12004	0.00388492	0.395924	-2.52574	0.0202998	0.513404	-1.94778	0.171525	0.706905	-1.41462	4.41115	3.96657	0.799302	1
cg06818307	BMP2	0.000596452	0.0518957	0.798494	-1.25236	0.0272741	1.30442	1.30442	0.467982	0.927627	-1.07802	0.11482	1.19059	1.19059	0.7614	0.972712	-1.02805	9.79E-05	2.02209	2.02209	0.000233409	0.537431	-1.8607	0.106936	0.836069	-1.19607	0.98898	0.998596	-1.00141	13.6064	2.23027	0.145701	1
cg16831623	BMP2	0.000602623	0.606539	0.947502	-1.05541	0.0355938	0.77575	-1.28908	0.000165403	0.513593	-1.94707	0.523705	0.935121	-1.06938	0.0232882	0.643	-1.55207	0.000797184	1.69171	1.69171	0.0703344	0.810598	-1.23366	0.00379957	0.666818	-1.49966	0.135153	1.18197	1.18197	13.5674	2.31531	0.151691	1
cg25636478	BMP2	0.00734804	0.103835	0.748379	-1.33618	0.0208347	0.635558	-1.57342	0.976095	1.02368	1.02368	0.926046	0.923095	-1.08331	0.834365	1.03471	1.03471	0.0090566	1.71689	1.71689	0.00106162	0.454465	-2.20039	0.0333545	0.66684	-1.49961	0.305005	1.18897	1.18897	6.51563	2.74006	0.37381	1
cg06879302	BMP2	0.00798697	0.000757007	0.107937	-9.2647	0.0993321	0.454911	-2.19823	0.790091	1.12336	1.12336	0.0491082	0.375557	-2.66271	0.0220149	0.301922	-3.31211	0.0440628	0.364695	-2.74202	0.00549994	0.203665	-4.91003	0.0175173	0.283483	-3.52754	0.00993017	0.241734	-4.13678	6.3474	19.1095	2.67609	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24674635	BMP2	0.0142914	0.02701	0.751332	-1.33097	0.94269	1.00788	1.00788	0.899265	0.986267	-1.01392	0.292197	0.887516	-1.12674	0.488581	0.926052	-1.07985
cg18039133	BMP2	0.0163077	0.119465	0.777078	-1.28687	0.513157	1.10407	1.10407	0.0384777	1.43037	1.43037	0.447817	1.12242	1.12242	0.26545	0.840938	-1.18915
cg10839745	BMP2	0.0167011	0.00226383	0.198722	-5.03215	0.128845	0.537518	-1.8604	0.22679	0.618786	-1.61607	0.284102	0.656456	-1.52333	0.0161795	0.328652	-3.04273
cg23129374	BMP2	0.023907	0.70571	1.06273	1.06273	0.230045	1.22381	1.22381	0.771089	1.0479	1.0479	0.43036	0.878892	-1.1378	0.456952	0.885592	-1.12919
cg17825378	BMP2K	0.0132032	0.22171	0.713575	-1.40139	0.169072	0.68048	-1.46955	0.104188	0.627042	-1.59479	0.417937	0.804542	-1.24294	0.306388	0.75712	-1.3208
cg04287931	BMP2K;BMP2K	0.00828898	0.105361	0.718891	-1.39103	0.0130024	0.562767	-1.77693	0.425439	0.859141	-1.16395	0.422356	0.858234	-1.16518	0.00120759	0.413019	-2.42119
cg23811811	BMP2K;BMP2K	0.0134431	0.177478	0.540394	-1.8505	0.00207792	0.155476	-6.43188	0.011035	0.254359	-3.93145	0.166959	0.531151	-1.8827	0.0177994	0.290182	-3.44611
cg03462877	BMP2K;BMP2K	0.0333777	0.654877	1.06349	1.06349	0.198174	1.20451	1.20451	0.338974	0.873847	-1.14436	0.00174654	0.543064	-1.8414	0.624756	1.06977	1.06977
cg04334979	BMP2K;BMP2K	0.046122	0.983764	1.00589	1.00589	0.0105865	0.39517	-2.53055	0.144444	0.635896	-1.57258	0.260044	1.40393	1.40393	0.629838	1.15055	1.15055
cg07321467	BMP3	0.000243601	0.000211768	0.12484	-8.01028	0.0132584	0.356486	-2.80516	0.00135364	0.209346	-4.77679	0.116178	0.563411	-1.7749	0.000121582	0.104858	-9.53669
cg07523148	BMP3	0.00118898	0.129908	0.567353	-1.76257	0.683604	1.15253	1.15253	0.00129385	0.197102	-5.07351	0.0121288	0.338491	-2.95429	0.0169787	0.364744	-2.74165
cg26917673	BMP3	0.00531527	0.000157518	0.145807	-6.85837	0.597116	1.17219	1.17219	0.0602665	0.531985	-1.87975	0.62198	1.15954	1.15954	0.360705	0.755887	-1.32295
cg01049530	BMP3	0.0122725	0.0566163	0.720484	-1.38796	0.585388	0.919716	-1.08729	0.0235315	1.50823	1.50823	0.869934	1.02521	1.02521	0.0716643	0.736718	-1.35737
cg20276585	BMP3;BMP3	0.0438055	0.347161	1.25222	1.25222	0.367946	0.806645	-1.2397	0.00307931	0.390104	-2.56342	0.757623	0.930603	-1.07457	0.177674	0.716891	-1.39491
cg24526899	BMP4;BMP4	3.46E-07	0.00215163	0.614704	-1.6268	0.0330203	1.32516	1.32516	0.000460039	0.536475	-1.86402	0.0913943	0.810631	-1.23361	0.0411877	0.766434	-1.30474
cg08162372	BMP4;BMP4	0.00568374	0.511185	0.668599	-1.49566	0.470243	1.55858	1.55858	0.000140951	52.9175	52.9175	0.370873	0.574019	-1.7421	0.0590661	0.275903	-3.62446
cg04937184	BMP4;BMP4	0.00591969	0.162046	2.10764	2.10764	0.21457	0.520746	-1.92032	0.259902	1.7984	1.7984	0.00144184	0.100255	-9.97455	0.735225	1.18473	1.18473
cg20297199	BMP4;BMP4	0.00709958	0.0103256	4.17092	4.17092	0.90394	0.948037	-1.05481	0.000141946	18.1853	18.1853	0.0718806	2.43045	2.43045	0.311582	1.58834	1.58834
cg16389901	BMP4;BMP4	0.0110552	0.147184	2.86046	2.86046	0.0462268	0.213734	-4.67872	0.0306007	5.56456	5.56456	0.00295918	0.0635186	-15.7434	0.500748	0.630178	-1.58685
cg09229893	BMP4;BMP4	0.0427289	0.0919831	3.04004	3.04004	0.0903694	0.326757	-3.06038	0.0674473	3.41499	3.41499	0.134846	0.380509	-2.62806	0.0831197	3.15813	3.15813
cg21036096	BMP4;BMP4;BMP4	3.66E-05	0.714981	0.913651	-1.09451	0.00510383	0.402039	-2.48732	0.798905	1.06488	1.06488	0.37378	0.79867	-1.25208	0.220453	1.37329	1.37329
cg00883329	BMP4;BMP4;BMP4	9.71E-05	0.982207	1.0042	1.0042	0.0781042	1.44521	1.44521	8.27E-07	11.915	11.915	0.172022	1.31455	1.31455	0.768858	0.946072	-1.057
cg16277510	BMP4;BMP4;BMP4	0.000867866	0.204169	0.854271	-1.17059	0.00040972	1.93411	1.93411	0.000822457	1.80833	1.80833	0.0466961	0.765137	-1.30696	0.860062	0.979472	-1.02096
cg15318690	BMP4;BMP4;BMP4	0.00144118	0.0928813	0.734616	-1.36126	0.00330852	1.94911	1.94911	0.000160014	2.93271	2.93271	0.219936	1.24006	1.24006	0.131243	0.762005	-1.31233
cg08046044	BMP4;BMP4;BMP4	0.0014477	0.0100019	2.08598	2.08598	0.000613111	3.29671	3.29671	0.000385705	3.59821	3.59821	0.00240648	2.60081	2.60081	0.192912	1.36551	1.36551
cg08169864	BMP4;BMP4;BMP4	0.00313924	0.768307	0.795121	-1.25767	0.000437998	104.972	104.972	0.0093998	14.2113	14.2113	0.49751	1.70836	1.70836	0.0493589	0.169208	-5.90987
cg04245766	BMP4;BMP4;BMP4	0.0145511	0.124462	1.2985	1.2985	0.00492086	1.79505	1.79505	0.00340679	0.535243	-1.86831	0.0539658	1.40993	1.40993	0.946795	0.989575	-1.01054
cg02254554	BMP4;BMP4;BMP4	0.0236785	0.908777	1.02897	1.02897	0.0150384	2.10584	2.10584	0.00193524	2.98339	2.98339	0.969408	0.990489	-1.0096	0.546251	1.16435	1.16435
cg22023826	BMP5	0.00184002	0.0159833	0.345001	-2.89854	0.0172627	0.351159	-2.84772	0.0574685	0.460615	-2.17101	0.104897	0.527627	-1.89528	0.00458936	0.256311	-3.90151
cg04926384	BMP5	0.00304541	0.000333142	0.149018	-6.7106	0.168944	0.617597	-1.61918	0.00329609	0.268105	-3.72988	0.00188859	0.234986	-4.25558	0.00771196	0.324471	-3.08194
cg12535476	BMP5	0.010543	0.000390438	0.16203	-6.17168	0.532555	0.815859	-1.2257	0.992049	1.00321	1.00321	0.0199955	0.405007	-2.46909	0.204282	1.53924	1.53924
ch.6.1297321R	BMP5	0.0256923	0.0389321	0.0917265	-10.902	0.0467148	0.102713	-9.73582	0.0198733	0.06023	-16.603	0.0351374	0.0860613	-11.6196	0.00123752	0.00892686	-112.021
cg14622659	BMP5	0.038496	0.440424	0.774746	-1.29075	0.758912	0.904963	-1.10502	0.0534882	0.490931	-2.03695	0.00144971	0.224764	-4.44912	0.0708899	0.51964	-1.92441
cg06865255	BMP5;BMP5	1.49E-05	3.40E-07	0.0644968	-15.5046	0.0970143	0.713233	-1.40207	0.000437648	0.356691	-2.80355	0.000116591	0.285761	-3.49943	0.00163219	0.432896	-2.31002
cg21752295	BMP6	5.67E-05	0.266406	1.1661	1.1661	0.00884244	0.642577	-1.55623	2.12E-05	0.320822	-3.117	0.645031	1.06349	1.06349	0.0556809	1.3334	1.3334
cg09178369	BMP6	9.23E-05	0.000265246	0.336662	-2.97034	0.0112732	1.78059	1.78059	0.175362	0.769555	-1.29945	0.000170694	0.313039	-3.19449	0.390176	0.852105	-1.17356
cg13264543	BMP6	0.00115216	0.344384	0.786652	-1.27121	0.546252	0.860318	-1.16236	0.000432437	0.25373	-3.94119	0.0573599	1.69839	1.69839	0.0430731	1.77448	1.77448
cg23623251	BMP6	0.0020905	0.251055	0.629396	-1.58882	0.422779	0.72898	-1.37178	0.00924333	0.279307	-3.58029	0.0365526	0.391399	-2.55494	0.693188	0.858054	-1.16543
cg03447931	BMP6	0.00508332	0.0279409	0.227382	-4.39788	0.231218	2.04656	2.04656	0.00702314	7.29803	7.29803	0.653016	1.29444	1.29444	0.000498167	0.0447507	-22.346
cg07747616	BMP6	0.00512148	0.0243316	2.03	2.03	0.392342	1.26009	1.26009	0.0117363	0.435833	-2.29445	0.804817	1.0675	1.0675	0.00202933	0.317266	-3.15193
cg22505205	BMP6	0.00680909	0.0241451	0.641351	-1.55921	0.00631127	0.555656	-1.79967	0.00735097	0.565093	-1.76962	0.0196356	0.627696	-1.59313	0.639841	0.925098	-1.08097
cg13498289	BMP6	0.0102249	0.0314844	2.0882	2.0882	0.435881	0.792931	-1.26114	0.949069	0.981528	-1.01882	0.199346	1.48556	1.48556	0.188923	1.50117	1.50117
cg22794494	BMP6	0.0112477	0.149771	1.22886	1.22886	0.130293	1.24369	1.24369	0.388355	1.12523	1.12523	0.0310098	1.40204	1.40204	0.0224987	1.44016	1.44016
cg15675070	BMP6	0.0139675	0.151625	1.15598	1.15598	0.0410829	0.800596	-1.24907	0.689952	0.962872	-1.03856	0.00112311	0.636008	-1.57231	0.328651	1.0998	1.0998
cg08734477	BMP6	0.0163283	0.143455	0.638376	-1.56647	0.13948	1.57461	1.57461	0.194021	0.675503	-1.48038	0.0708721	0.562052	-1.7792	0.0183398	0.441696	-2.264
cg20969151	BMP6	0.0265908	0.00681422	0.132379	-7.55406	0.502648	1.48056	1.48056	0.966801	1.0243	1.0243	0.21499	0.470998	-2.12315	0.0163289	0.18386	-5.43892
cg00359661	BMP6	0.0358263	0.00421538	0.235315	-4.24962	0.338917	0.689225	-1.4509	0.24481	0.631676	-1.58309	0.0197258	0.345317	-2.89589	0.0155133	0.325979	-3.06768
cg10158886	BMP6	0.0359567	0.142718	0.809708	-1.23501	0.00162523	0.546054	-1.83132	0.490542	1.09837	1.09837	0.749636	0.95801	-1.04383	0.489257	0.910177	-1.09869
cg08396974	BMP7	8.72E-05	0.881734	1.02982	1.02982	0.000247811	3.30149	3.30149	0.483547	1.15092	1.15092	0.364244	1.20209	1.20209	0.185531	0.757947	-1.31935
cg12518442	BMP7	0.000139234	0.410489	1.2562	1.2562	0.977142	1.00779	1.00779	0.0844101	1.67752	1.67752	0.524368	0.839592	-1.19105	0.00262362	0.323397	-3.09218
cg15529692	BMP7	0.000926614	0.177464	1.68566	1.68566	0.000130152	11.2571	11.2571	0.543599	1.25103	1.25103	0.0773775	2.04473	2.04473	0.0264529	0.3834	-2.60824
cg19355325	BMP7	0.00290814	0.494319	1.34723	1.34723	0.00268478	5.94057	5.94057	0.694131	1.18499	1.18499	0.495273	0.742766	-1.34632	0.445875	0.716265	-1.39613
cg27565555	BMP7	0.00761811	0.512154	0.493139	-2.02783	0.0216876	18.7465	18.7465	0.244032	3.65509	3.65509	0.826055	0.79132	-1.26371	0.302568	0.321205	-3.11328
cg20631750	BMP7	0.0113802	0.0758065	6.5728	6.5728	0.0230522	13.3249	13.3249	0.921749	1.09814	1.09814	0.744092	1.36631	1.36631	0.427315	0.461976	-2.16461
cg23420286	BMP7	0.0146776	0.00438374	0.302683	-3.30378	0.144128	0.610887	-1.63696	0.256	1.45126	1.45126	0.258201	0.690346	-1.44855	0.0164192	0.398089	-2.512
cg13236649	BMP7	0.0158013	0.440265	0.757749	-1.3197	0.0134306	2.94145	2.94145	0.0215994	2.64418	2.64418	0.144526	1.73744	1.73744	0.377825	0.726924	-1.37566
cg25449466	BMP7	0.0230671	0.0148564	0.159678	-6.26259	0.00439431	0.0974339	-10.2634	0.143427	0.38188	-2.61862	0.219324	0.453437	-2.20538	0.010642	0.139963	-7.14475
cg10941747	BMP7	0.0285683	0.194754	1.30387	1.30387	0.00837752	0.521202	-1.91864	0.202655	0.770901	-1.29718	0.6447	0.914088	-1.09399	0.03473	0.621149	-1.60992
cg09513276	BMP7	0.0373664	0.871706	0.954157	-1.04805	0.00609049	2.82844	2.82844	0.104376	0.597222	-1.67442	0.0207744	0.445674	-2.24379	0.87245	1.04776	1.04776
cg20292547	BMP7;BMP7	0.00842128	0.0386405	0.825576	-1.21128	0.167644	1.1249	1.1249	0.00598764	1.33307	1.33307	0.00106941	1.47234	1.47234	0.870709	1.01312	1.01312
cg20489289	BMP8A	0.0194988	0.425016	0.947887	-1.05498	0.966181	0.997219	-1.00279	0.0312453	0.847015	-1.18062	0.0490761	1.15904	1.15904	0.0399252	0.855549	-1.16884
cg16651196	BMP8A	0.0220826	0.102063	1.19059	1.19059	0.360603	1.09595	1.09595	0.225669	1.13207	1.13207	0.00285188	0.670127	-1.49225	0.0356231	0.787863	-1.26926
cg10715272	BMP8A	0.0238457	0.0937934	2.44931	2.44931	0.00148056	9.29296	9.29296	0.335224	1.62109	1.62109	0.131076	2.20894	2.20894	0.625539	1.2701	1.2701
cg00330318	BMP8A	0.0255703	0.763698	1.03773	1.03773	0.0186234	1.41961	1.41961	0.451043	1.09892	1.09892	0.0776783	0.785947	-1.27235	0.0305028	1.36656	1.36656
cg25595442	BMP8A	0.0307237	0.196227	2.44948	2.44948	0.0099675	8.44347	8.44347	0.867807	0.896546	-1.11539	0.245731	2.21641	2.21641	0.0575818	0.244695	-4.08672
cg25139493	BMP8A;BMP8A	0.00596999	0.187054	0.868133	-1.1519	0.213888	1.14149	1.14149	0.580077	0.945057	-1.05814	0.323009	0.901924	-1.10874	0.149822	1.16898	1.16898
cg13806070	BMP8A;BMP8A	0.0078802	0.303783	0.834562	-1.19823	0.0862622	0.724833	-1.37963	0.0161818	0.60683	-1.64791	0.181662	1.27219	1.27219	0.194296	0.792027	-1.26258
cg03664992	BMP8A;BMP8A	0.0341204	0.622204	0.923766	-1.08253	0.708765	1.06174	1.06174	0.617985	1.08358	1.08358	0.928964	1.01434	1.01434	0.0972148	0.747808	-1.33724
cg04571984	BMP8A;LOC728448	0.00039077	0.01104	0.515934	-1.93823	0.499603	0.867386	-1.15289	0.000324678	0.299221	-3.34201	0.00544865	0.468126	-2.13618	1.83E-05	0.163096	-6.13137
cg20140662	BMP8A;LOC728448	0.0341403	0.291787	1.21455	1.21455	0.580238	0.905503	-1.10436	0.0837142	1.40514	1.40514	0.000886025	2.42333	2.42333	0.517736	0.889999	-1.1236
cg06616202	BMP8B	3.05E-06	3.04E-07	0.163466	-6.11748	0.0144248	0.694689	-1.43949	0.0304039	0.735349	-1.3599	0.138418	1.21255	1.21255	4.84E-06	0.283119	-3.53209
cg17748822	BMP8B	0.000221031	0.000341676	0.361049	-2.76971	3.22E-05	0.239667	-4.17245	0.000496069	0.381811	-2.6191	0.228579	0.799958	-1.25007	0.000256455	0.345343	-2.89567
cg03401114	BMP8B	0.0014524	0.000302053	0.215986	-4.62993	0.639133	1.13111	1.13111	0.167159	1.46836	1.46836	0.046871	1.81032	1.81032	0.22379	0.716489	-1.3957
cg00758584	BMP8B	0.00250861	0.903365	1.03358	1.03358	0.309949	0.751464	-1.33073	0.449587	0.810959	-1.23311	0.00124332	0.277171	-3.60788	0.352041	0.770702	-1.29752
cg05249084	BMP8B	0.00654177	0.00798401	0.685715	-1.45833	0.329828	0.894414	-1.11805	0.00392017	0.650003	-1.53845	0.774231	1.03243	1.03243	0.000769679	0.568296	-1.75965
cg13501185	BMP8B	0.00780993	0.115037	0.650821	-1.53652	0.00403489	0.379819	-2.63283	0.164743	0.689696	-1.44991	0.660191	0.895033	-1.11728	0.00243915	0.34741	-2.87845
cg03741406	BMP8B	0.0100267	0.145123	0.767266	-1.30333	0.00307294	1.98621	1.98621	0.0894955	0.728334	-1.373	0.00887974	1.75738	1.75738	0.331601	0.843999	-1.18484
cg25190824	BMP8B	0.0144439	0.00824248	0.37954	-2.63477	0.61497	1.15651	1.15651	0.446641	0.8006	-1.24906	0.230718	1.434	1.434	0.0328934	0.488983	-2.04506
cg26051619	BMP8B	0.0304329	0.0518501	0.444245	-2.25101	0.40202	1.36247	1.36247	0.0196324	2.84083	2.84083	0.851307	0.93478	-1.06977	0.108504	0.528518	-1.89208
cg02297616	BMP8B	0.037249	0.986416	0.996669	-1.00334	0.00196329	2.35757	2.35757	0.557031	1.12345	1.12345	0.0870257	1.44828	1.44828	0.860879	1.03498	1.03498
cg15728256	BMP8B;BMP8B	0.00934267	0.0240921	1.98034	1.98034	0.00121267	3.33084	3.33084	0.168087	1.45225	1.45225	0.196714	0.707031	-1.41436	0.793951	0.935679	-1.06874
cg11296826	BMP8B;OXCT2	0.017894	0.121836	2.22397	2.22397	0.00107823	9.98374	9.98374	0.264001	1.74182	1.74182	0.167618	2.01579	2.01579	0.667137	1.22902	1.22902
cg05386320	BMP8B;PPIE	2.35E-06	0.183338	0.876825	-1.14048	0.0117035	0.745809	-1.34083	5.33E-06	0.382814	-2.61223	0.437766	1.07648	1.07648	3.14E-07	0.249054	-4.0152
cg13372905	BMP8B;PPIE	0.0438219	0.037982	0.460586	-2.17115	0.146717	0.60537	-1.65188	0.0556901	0.497251	-2.01106	0.514415	0.808116	-1.23745	0.00588745	0.31309	-3.19397
cg01677879	BMPER	8.18E-05	0.0183549	1.49962	1.49962	0.323022	0.865418	-1.15551	0.00465965	1.70373	1.70373	0.110837	1.27889	1.27889	0.013126	0.646918	-1.54579
cg00348598	BMPER	0.00109064	0.738062	1.07136	1.07136	0.00588573	0.477032	-2.0963	0.11942	0.70677	-1.41489	0.0577391	0.643599	-1.55376	9.16E-05	0.238088	-4.20013
cg16295145	BMPER	0.00146036	0.0799554	0.844413	-1.18426	0.148409	1.14446	1.14446	0.000190665	1.72858	1.72858	0.951165	0.994683	-1.00535	0.0469302	0.820391	-1.21893
cg10413224	BMPER	0.00286587	0.178766	1.673	1.673	0.000328813	8.08405	8.08405	0.0992773	0.521539	-1.9174	0.089527	1.96288	1.96288	0.747537	0.890161	-1.12339
cg12244288	BMPER	0.00913873	0.0162515	0.805661	-1.24122	0.0395599	1.19128	1.19128	0.0644323	0.858348	-1.16503	0.0123828	0.795398	-1.25723	0.0711206	0.862239	-1.15977
cg23759053	BMPER	0.0153404	0.140347	0.631016	-1.58475	0.383515	1.29361	1.29361	0.384913	1.29258	1.29258	0.389734	1.28904	1.28904	0.00670982	0.349065	-2.8648
cg06324957	BMPER	0.0242691	0.0373605	1.99019	1.99019	0.0855566	1.71832	1.71832	0.680853	0.888869	-1.12503	0.427406	1.25963	1.25963	0.0621867	1.81859	1.81859
cg11611127	BMPER	0.0452833	0.495022	1.10807	1.10807	0.73473	1.05166	1.05166	0.270346	0.843683	-1.18528	0.106559	0.770293	-1.29821	0.546955	0.91368	-1.09447
cg15650227	BMPER;BMPER	0.00921366	0.245214	1.15019	1.15019	0.000245824	0.497923	-2.00834	0.0516119	0.774893	-1.2905	0.0899186	0.806392	-1.24009	0.482906	0.921188	-1.08555
cg25261694	BMPR1A	0.00213846	0.184033	0.679864	-1.47088	0.0665101	0.569257	-1.75668	0.000191049	0.178869	-5.59068	0.0885892	1.6726	1.6726	0.000610666	0.235597	-4.24454
cg26593228	BMPR1A	0.00263067	0.00977879	0.413998	-2.41547	0.000445986	0.224101	-4.46228	0.00333104	0.340017	-2.94103	?	?	?	0.712409	1.10512	1.10512
cg10428836	BMPR1A	0.00703359	0.220919	0.71632	-1.39603	0.0484449	0.557352	-1.7942	0.221281	0.716526	-1.39562	0.857868	0.954587	-1.04757	0.000117572	0.174078	-5.74455
cg08626436	BMPR1A	0.0085946	0.0172947	0.372652	-2.68347	0.0013145	0.203555	-4.91267	0.847748	1.06763	1.06763	0.187508	0.621545	-1.60889	0.0620945	0.489144	-2.04439
cg26381210	BMPR1A	0.00894288	0.0566194	0.485899	-2.05804	0.0497021	2.11451	2.11451	0.125436	0.574242	-1.74143	0.0171828	0.378633	-2.64108	0.00218468	0.237514	-4.21027
cg20348000	BMPR1A	0.0103553	0.00857646	0.27591	-3.62437	0.00317689	0.212779	-4.69971	0.0260573	0.362677	-2.75727	0.160186	0.561995	-1.77938	0.0268385	0.365263	-2.73775
cg26435670	BMPR1A	0.0144054	0.0297136	0.414894	-2.41025	0.00596563	0.290564	-3.44158	0.962024	1.0165	1.0165	0.96327	1.01596	1.01596	0.189588	0.620194	-1.6124
cg19166799	BMPR1A	0.0221869	0.0043506	0.143969	-6.94596	0.0587766	0.337609	-2.96201	0.388609	0.637963	-1.56749	0.210376	0.510983	-1.95701	0.033661	0.283069	-3.53271
cg25946646	BMPR1A	0.0224237	0.0196255	0.19688	-5.07924	0.00656993	0.130705	-7.65082	0.0841251	0.332342	-3.00895	0.164649	0.425459	-2.3504	0.074963	0.31881	-3.13667
cg24211476	BMPR1A	0.0246251	0.94715	0.985496	-1.01472	0.0438378	0.60014	-1.66628	0.0557398	0.620196	-1.61239	0.126478	0.694657	-1.43956	0.0171551	0.52721	-1.89678
cg11864400	BMPR1A	0.0280172	0.579864	0.898207	-1.11333	0.0284616	0.608703	-1.64284	0.00345951	0.466687	-2.14276	0.39839	0.847045	-1.18057	0.633989	0.912024	-1.09646
cg15476602	BMPR1A	0.0343503	0.689099	0.846652	-1.18112	0.00344797	5.17596	5.17596	0.106469	2.07432	2.07432	0.534285	1.29762	1.29762	0.159231	0.536491	-1.86396
cg25011475	BMPR1A	0.0348297	?	?	?	0.120596	1.84711	1.84711	0.0459801	2.30161	2.30161	0.0137942	0.329739	-3.0327	?	?	?
cg06065089	BMPR1B	7.20E-05	0.127724	0.748812	-1.33545	0.0707573	0.701409	-1.4257	0.00129533	0.439005	-2.27788	0.464615	1.13966	1.13966	6.84E-07	0.0933611	-10.7111
cg22239201	BMPR1B	0.000357506	0.000236559	0.251243	-3.98021	6.33E-05	0.188354	-5.30915	0.390225	1.22097	1.22097	0.322063	0.792979	-1.26107	0.00149289	0.354015	-2.82474
cg15287353	BMPR1B	0.000607823	0.00112913	0.324821	-3.07861	0.0152574	2.01197	2.01197	0.038022	1.75836	1.75836	0.499539	0.851432	-1.17449	0.000109815	0.202333	-4.94235
cg03658557	BMPR1B	0.00329579	0.00502672	0.364927	-2.74027	0.484097	0.824348	-1.21308	0.108841	0.621863	-1.60807	0.01849	0.460202	-2.17296	0.00112618	0.271913	-3.67764
cg25553665	BMPR1B	0.0074544	0.00249225	0.568147	-1.76011	0.00551552	0.61216	-1.63356	0.973898	1.00441	1.00441	0.00115707	0.526153	-1.90059	0.0597507	0.75141	-1.33083
cg23819027	BMPR1B	0.0094206	0.115711	0.68357	-1.46291	0.921259	1.02224	1.02224	0.0236498	0.54821	-1.82412	0.729697	0.92573	-1.08023	0.000478602	0.295388	-3.38538
cg12117684	BMPR1B	0.0107699	0.0950066	2.20654	2.20654	0.965881	1.01862	1.01862	0.841962	0.917487	-1.08993	0.962363	1.02056	1.02056	0.846802	0.919947	-1.08702
cg09156233	BMPR1B	0.0163337	0.723739	1.21052	1.21052	0.142824	0.424493	-2.35575	0.689209	1.24167	1.24167	?	?	?	0.00273442	0.0957331	-10.4457
cg22659350	BMPR1B	0.0179583	0.022981	0.422221	-2.36843	0.162421	0.623244	-1.60451	0.430654	1.29047	1.29047	0.112513	1.72931	1.72931	0.0130332	0.376606	-2.65529
cg25088874	BMPR1B	0.0209547	0.349802	0.786177	-1.27198	0.160967	1.45394	1.45394	0.599761	0.87603	-1.14151	0.207612	0.717379	-1.39396	0.0908411	0.627732	-1.59304
cg23210521	BMPR1B	0.032636	0.0953618	0.376383	-2.65687	0.0094337	0.172959	-5.78172	0.426035	0.648257	-1.5426	0.402517	0.633248	-1.57916	0.00958848	0.173945	-5.74895
cg04940109	BMPR2	0.00177368	0.552456	1.05962	1.05962	0.000107031	1.93194	1.93194	0.105682	0.843413	-1.18566	0.701586	1.03779	1.03779	0.0230156	1.29949	1.29949
cg22892485	BMPR2	0.00232504	0.205383	1.071	1.071	0.159378	1.08026	1.08026	0.0125998	0.852767	-1.17265	0.273259	0.943142	-1.06029	0.010804	0.848418	-1.17866
cg21566550	BMPR2	0.00788854	0.024552	1.32512	1.32512	0.0197709	0.743904	-1.34426	0.729718	1.03713	1.03713	0.0599799	1.24987	1.24987	0.00976782	1.4098	1.4098
cg18521536	BMPR2;BMPR2	0.00945835	0.889019	0.984685	-1.01555	0.0223043	0.738817	-1.35352	0.0809237	0.807415	-1.23852	0.731731	0.962677	-1.03877	0.0346477	1.31291	1.31291
cg13272839	BMPR2;BMPR2	0.0203267	0.806476	0.976234	-1.02434	0.284225	1.11518	1.11518	0.00220665	1.52267	1.52267	0.0092277	0.723349	-1.38246	0.912069	1.01088	1.01088
cg25924032	BMS1	0.000126534	3.63E-05	0.288882	-3.46162	0.140201	1.25094	1.25094	0.313443	0.863994	-1.15742	?	?	?	3.17E-05	0.281499	-3.55241
cg05454446	BMS1	0.00031621	0.00218515	0.332058	-3.01152	0.14963	1.4863	1.4863	0.0198058	0.48591	-2.058	0.0782595	0.605426	-1.65173	0.00151274	0.309689	-3.22905
cg12810264	BMS1	0.000456358	0.027078	0.771206	-1.29667	0.0177293	1.33148	1.33148	0.0205783	0.758111	-1.31907	0.00194446	0.647172	-1.54519	4.41E-05	0.463559	-2.15722
cg01227028	BMS1	0.00808236	0.00694575	0.553453	-1.80684	0.000786089	2.36252	2.36252	0.115758	0.748589	-1.33585	0.879166	0.974562	-1.0261	0.0331682	0.655886	-1.52466
cg23983067	BMS1	0.010535	0.123061	1.63506	1.63506	0.191842	1.50175	1.50175	0.00176002	3.71211	3.71211	0.873627	0.954234	-1.04796	0.285579	1.38599	1.38599
ch.10.986655R	BMS1	0.0129148	0.0905197	0.627324	-1.59407	0.0212487	0.500413	-1.99835	0.417746	1.23003	1.23003	0.0790409	0.614136	-1.6283	0.474698	1.19932	1.19932
cg07149454	BMS1	0.0490676	0.0136512	0.418542	-2.38924	0.311895	1.34808	1.34808	0.474384	1.23086	1.23086	0.535576	0.836005	-1.19617	0.0175332	0.438087	-2.28265
cg07842594	BMS1;BMS1	0.00846917	0.410001	0.831011	-1.20335	0.4015	1.20762	1.20762	0.0666198	0.636444	-1.57123	0.647485	1.10644	1.10644	0.793669	0.944039	-1.05928
cg12609665	BMS1P1;BMS1P5	0.00920964	0.472008	1.19478	1.19478	0.0409085	0.563257	-1.77539	0.0917371	0.636576	-1.5709	0.178211	0.706111	-1.41621	0.000600887	0.275945	-3.62391
cg05446127	BMS1P4	0.000200325	0.000118639	0.297794	-3.35803	0.000264146	0.340262	-2.93892	0.00495594	0.512089	-1.95279	0.00485276	0.510766	-1.95784	0.0106602	0.561306	-1.78156
cg14277606	BMS1P4	0.0055056	0.00288807	0.173109	-5.77672	0.0344644	0.347924	-2.8742	0.0200529	0.300876	-3.32363	0.773331	0.883712	-1.13159	0.034823	0.348885	-2.86628
cg17520712	BMS1P4	0.0321775	0.00615514	0.189162	-5.28647	0.331436	0.626942	-1.59504	0.138091	0.475222	-2.10428	0.166553	0.502954	-1.98825	0.0164189	0.255029	-3.92112
cg09122458	BMS1P4	0.0361915	0.668797	1.11575	1.11575	0.55971	0.860617	-1.16196	0.918759	1.0263	1.0263	0.00325209	0.360137	-2.77672	0.185377	1.42963	1.42963
cg11645198	BMS1P4	0.0376548	?	?	?	0.706224	0.874153	-1.14396	0.390065	1.36729	1.36729	0.953469	1.02094	1.02094	0.499045	1.27601	1.27601
cg08302695	BMX	0.0140471	0.904253	1.039	1.039	0.0275827	0.436768	-2.28955	0.00897037	0.347616	-2.87674	0.37438	1.3363	1.3363	0.003174	0.277659	-3.60154
cg24643262	BMX	0.0238698	0.713925	1.1285	1.1285	0.0176702	0.387703	-2.5793	0.0835042	0.533135	-1.8757	0.408307	0.75753	-1.32008	0.00208591	0.241182	-4.14625
cg23946499	BMX;BMX	7.19E-06	0.188382	0.830034	-1.20477	0.000396208	0.470517	-2.12532	0.0164203	0.675734	-1.47987	0.00733895	0.630062	-1.58715	2.16E-07	0.123211	-8.11618
cg06233761	BMX;BMX	0.0019001	0.704775	0.86718	-1.15316	0.359306	0.702668	-1.42315	0.0145367	0.324002	-3.0864	0.799267	1.1001	1.1001	3.21E-05	0.0483419	-20.686
cg21955534	BMX;BMX;BMX	0.000620744	0.753739	1.0647	1.0647	0.542342	0.884382	-1.13073	0.00805658	0.508555	-1.96635	0.00013798	0.269067	-3.71654	7.89E-05	0.241291	-4.14437
cg02318926	BNC1	4.05E-06	0.0973969	0.847266	-1.18027	0.133787	0.862996	-1.15875	0.0312424	0.794299	-1.25897	0.00116852	1.54378	1.54378	0.00491649	0.712116	-1.40427

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24674635	0.00227861	1.59351	1.59351	0.0113401	0.707393	-1.41364	0.585596	1.06196	1.06196	0.112136	1.2079	1.2079	5.26409	0.994004	0.167847	1
cg18039133	0.00197497	1.92049	1.92049	0.128351	0.782414	-1.2781	0.0433072	0.706828	-1.41477	0.665178	0.937068	-1.06716	5.03894	1.7784	0.313717	1
cg10839745	0.00837079	0.279635	-3.57609	0.0563742	0.441659	-2.26419	0.511912	1.28609	1.28609	0.0126187	0.309429	-3.23176	4.99904	11.3273	2.01414	1
cg23129374	0.646215	0.928554	-1.07694	0.000832219	0.446277	-2.24076	0.0844233	1.35817	1.35817	0.122478	0.764583	-1.3079	4.42534	1.8028	0.362116	1
cg17825378	0.00236782	0.328284	-3.04614	0.186833	1.44432	1.44432	0.700988	1.10669	1.10669	0.00119037	0.286961	-3.48479	5.4027	5.90697	0.971855	1
cg04287931	0.0567726	0.668845	-1.49512	0.000625405	0.374851	-2.66773	0.12195	0.73146	-1.36713	0.086883	0.702787	-1.42291	6.27362	3.45729	0.489853	1
cg23811811	0.00806568	0.232885	-4.29397	0.0100429	0.247746	-4.03639	0.7837	0.888554	-1.12542	0.0403144	0.361604	-2.76546	5.37094	15.686	2.59603	1
cg03462877	0.664416	1.06154	1.06154	0.0241336	0.692178	-1.44471	0.451731	0.900413	-1.1106	0.516861	1.09409	1.09409	3.93392	1.16633	0.263537	1
cg04334979	0.898371	0.963772	-1.03759	0.0104999	2.53447	2.53447	0.277612	0.721763	-1.3855	0.404264	0.78157	-1.27948	3.49311	4.61369	1.17404	1
cg07321467	0.00386636	0.270406	-3.69814	5.30E-05	0.0791345	-12.6367	0.000419598	0.152722	-6.54786	0.00301624	0.255018	-3.9213	17.4125	31.1431	1.58982	1
cg07523148	0.0128555	0.342923	-2.91611	5.15E-05	0.0724047	-13.8113	0.00261725	0.236044	-4.2365	0.10863	0.54538	-1.83358	11.2012	21.2924	1.68969	1
cg26917673	0.44583	0.793373	-1.26044	0.0674028	1.84117	1.84117	0.194975	0.664784	-1.50425	0.110104	1.6798	1.6798	7.20263	10.1194	1.24885	1
cg01049530	0.0516709	0.714297	-1.39998	0.000907076	0.470513	-2.12534	0.806794	1.03793	1.03793	0.731553	1.05371	1.05371	5.533	2.02256	0.324929	1
cg20276585	0.742724	0.926323	-1.07954	0.808276	1.05811	1.05811	0.0550322	1.65776	1.65776	0.17203	1.40182	1.40182	3.56115	3.04474	0.759991	1
cg24526899	2.95E-07	0.182804	-5.47034	7.42E-09	0.0660925	-15.1303	0.318215	1.12357	1.12357	0.000546583	0.54524	-1.83405	96.0988	19.4109	0.179546	1
cg08162372	0.0980584	2.99305	2.99305	0.176331	2.38312	2.38312	0.111038	2.8542	2.8542	0.874224	1.10043	1.10043	7.05593	40.7836	5.13782	1
cg04937184	0.00366029	0.140493	-7.11779	0.0434967	3.18797	3.18797	0.547711	1.35502	1.35502	0.021392	0.251385	-3.97795	6.96807	27.5229	3.51098	1
cg20297199	0.0966228	2.2393	2.2393	0.743573	0.864953	-1.15613	0.181612	1.87147	1.87147	0.790981	1.12457	1.12457	6.58603	20.3757	2.75003	1
cg16389901	0.0215557	0.154922	-6.45485	0.0194144	0.148159	-6.74951	0.669792	1.3362	1.3362	0.269315	0.459668	-2.17548	5.72328	41.3786	6.42655	1
cg09229893	0.209059	0.452181	-2.2115	0.0364311	0.232796	-4.2956	0.158039	2.4711	2.4711	0.938607	1.04725	1.04725	3.5943	20.4522	5.05794	1
cg21036096	0.00111326	0.306465	-3.26301	3.81E-07	0.0277408	-36.0479	0.0396373	0.556625	-1.79654	0.316917	0.775105	-1.29015	28.9086	27.7595	0.853556	1
cg00883329	0.718775	1.07039	1.07039	0.772334	0.946888	-1.05609	0.0719977	1.45909	1.45909	0.179503	0.764744	-1.30763	22.3152	12.5079	0.49823	1
cg16277510	0.000245179	2.03859	2.03859	0.560627	0.933176	-1.07161	0.0607787	1.28205	1.28205	0.495803	1.08468	1.08468	12.2478	2.67996	0.194499	1
cg15318690	0.361359	0.855118	-1.16943	0.00873284	1.74597	1.74597	0.90385	0.980043	-1.02036	0.0277622	0.647971	-1.54328	10.6009	4.6717	0.391725	1
cg08046044	0.726879	1.08251	1.08251	0.00353576	2.44483	2.44483	0.279927	1.2891	1.2891	0.00104633	2.99437	2.99437	10.5871	8.57067	0.719589	1
cg08169864	0.349321	2.1185	2.1185	0.000650624	77.949	77.949	0.0663678	5.08487	5.08487	0.421027	1.89602	1.89602	9.93244	92.6712	7.25679	1
cg04245766	0.724047	0.945855	-1.05724	0.250765	0.828242	-1.20738	0.615356	0.923528	-1.0828	0.318062	1.17593	1.17593	5.23294	2.04377	0.347163	1
cg02254554	0.00673896	2.3998	2.3998	0.799934	0.93868	-1.06533	0.817236	1.05938	1.05938	0.897638	0.968437	-1.03259	4.44007	4.36652	0.874164	1
cg22023826	0.00092769	0.167952	-5.95409	9.86E-05	0.082501	-12.1211	0.81336	1.08908	1.08908	0.0323855	0.405029	-2.46896	9.87854	20.3654	1.83252	1
cg04926384	0.169453	0.617998	-1.61813	0.00293021	0.260868	-3.83336	0.11204	0.566109	-1.76644	0.0269935	0.422701	-2.36574	8.52005	14.589	1.52206	1
cg12535476	0.531625	1.22628	1.22628	0.244196	0.675539	-1.4803	0.129256	1.69508	1.69508	0.908012	1.03791	1.03791	5.81131	9.53943	1.45914	1
ch.6.1297321R	0.12123	0.186535	-5.36092	0.656546	0.639368	-1.56405	0.517473	0.519027	-1.92668	0.539873	0.537828	-1.85933	4.31597	68.2684	14.0601	1
cg14622659	0.0486574	0.481659	-2.07616	0.049987	0.484281	-2.06492	0.862527	0.945329	-1.05783	0.519211	0.808993	-1.2361	3.73536	6.22539	1.48143	1
cg06865255	0.316745	0.825281	-1.21171	0.016003	0.578612	-1.72828	0.00444154	2.02235	2.02235	0.00656958	0.519472	-1.92503	36.5917	19.9496	0.484618	1
cg21752295	6.11E-05	0.374636	-2.66926	2.55E-05	0.330171	-3.02873	0.0041372	0.600367	-1.66565	0.000810359	0.511515	-1.95498	25.7483	7.18123	0.247912	1
cg09178369	0.00214002	0.456615	-2.19003	0.000102554	0.286552	-3.48976	2.49E-05	0.218008	-4.58699	0.00518666	0.511383	-1.95548	22.6213	11.8364	0.465103	1
cg13264543	0.452485	0.828133	-1.20753	0.717717	1.09357	1.09357	0.367229	0.795951	-1.25636	9.19E-05	0.178895	-5.58988	11.3022	10.8666	0.854633	1
cg23623251	0.000131227	0.0771075	-12.9689	0.000980044	0.150695	-6.6359	0.0856242	0.480218	-2.08239	0.00198677	0.185251	-5.39809	9.51826	22.469	2.09833	1
cg03447931	0.267804	1.93146	1.93146	0.77632	1.17638	1.17638	0.242175	2.00986	2.00986	0.148691	2.41889	2.41889	7.30164	37.6079	4.57832	1
cg07747616	0.460656	0.820245	-1.21915	0.139381	0.657277	-1.52143	0.00786876	2.45847	2.45847	0.0470695	0.549071	-1.82126	7.28497	8.02984	0.979775	1
cg22505205	0.00386006	0.525653	-1.9024	0.130774	1.30939	1.30939	0.110755	1.33252	1.33252	0.951333	1.01013	1.01013	6.67235	2.88402	0.384209	1
cg13498289	0.012256	2.48598	2.48598	0.018019	0.432282	-2.3133	0.00353645	0.315346	-3.17112	0.5595	1.18797	1.18797	5.86868	7.91825	1.19932	1
cg22794494	0.0899938	1.28325	1.28325	0.00126324	0.533634	-1.87394	0.503172	1.09491	1.09491	0.265791	1.16737	1.16737	5.6915	1.60546	0.250739	1
cg15675070	0.570437	1.0556	1.0556	0.0120729	0.744301	-1.34354	0.76224	0.971776	-1.02904	0.100321	0.843775	-1.18515	5.30394	0.747861	0.125334	1
cg08734477	0.80593	1.0728	1.0728	0.681363	1.1251	1.1251	0.00100299	0.248005	-4.03217	0.087438	0.583527	-1.71372	5.03682	6.50179	1.14742	1
cg20969151	0.0525442	0.280419	-3.56609	0.011191	0.159824	-6.2569	0.0308123	0.231563	-4.31847	0.0772176	0.321985	-3.10574	4.26443	22.4723	4.68418	1
cg00359661	0.0344914	0.394145	-2.53714	0.0441168	0.417587	-2.39471	0.240119	0.62851	-1.59106	0.0616762	0.451725	-2.21374	3.83456	8.65815	2.00704	1
cg10158886	0.965876	0.994285	-1.00575	0.468175	0.905837	-1.10395	0.755523	0.959016	-1.04274	0.0358753	1.38693	1.38693	3.82951	1.08875	0.252715	1
cg08396974	0.360563	0.830642	-1.20389	3.17E-06	8.8552	8.8552	0.00063521	2.81776	2.81776	0.0010061	2.62129	2.62129	22.9645	14.1743	0.548647	1
cg12518442	0.933522	0.977645	-1.02287	1.87E-06	0.0404025	-24.7509	0.373439	1.28096	1.28096	0.794689	1.07323	1.07323	20.2592	23.5647	1.03392	1
cg15529692	0.827667	1.08267	1.08267	9.54E-05	12.5651	12.5651	0.417911	1.35198	1.35198	0.181721	1.67607	1.67607	12.0233	25.2733	1.86848	1
cg19355325	0.188097	1.82025	1.82025	0.000373093	11.5237	11.5237	0.000894807	8.46364	8.46364	0.0305375	2.97883	2.97883	8.63747	25.2291	2.59635	1
cg27565555	0.0593937	9.61253	9.61253	0.0011762	157.988	157.988	0.00326849	71.0661	71.0661	0.0141267	25.0451	25.0451	6.44238	115.383	15.92	1
cg20631750	0.033393	10.6836	10.6836	0.00114748	95.0313	95.0313	0.00482724	35.2445	35.2445	0.0444303	9.02063	9.02063	5.67002	81.529	12.7813	1
cg23420286	0.108209	0.576701	-1.734	0.23961	0.679243	-1.47223	0.00164248	0.242704	-4.12024	0.868959	1.05323	1.05323	5.21802	8.15293	1.38885	1
cg13236649	0.442554	1.3178	1.3178	0.0977411	0.527119	-1.8971	0.00797454	0.301589	-3.31577	0.118233	1.81816	1.81816	5.0921	10.0186	1.74886	1
cg25449466	0.0955061	0.325865	-3.06876	0.0167124	0.167194	-5.98106	0.0179174	0.171786	-5.82119	0.0616771	0.275648	-3.62782	4.48035	26.6009	5.27754	1
cg10941747	0.409504	1.17724	1.17724	0.0231692	1.69072	1.69072	0.596335	1.10895	1.10895	0.183058	1.3143	1.3143	4.15821	2.4646	0.52685	1
cg09513276	0.168469	0.653054	-1.53127	0.112431	0.605449	-1.65167	0.263937	0.713113	-1.4023	0.489598	0.815628	-1.22605	3.77627	5.0422	1.18687	1
cg20292547	0.147928	0.883185	-1.13227	0.174163	1.12265	1.12265	0.0746663	1.17222	1.17222	0.31451	1.0868	1.0868	6.24234	0.633148	0.0901582	1
cg20489289	0.845788	1.01287	1.01287	0.00260387	1.31523	1.31523	0.349033	0.938631	-1.06538	0.943367	0.995344	-1.00468	4.74525	0.324348	0.0607574	1
cg16651196	0.57028	0.945609	-1.05752	0.748972	1.03179	1.03179	0.0675822	1.22096	1.22096	0.249482	1.1245	1.1245	4.54809	0.684602	0.1338	1
cg10715272	0.0524265	2.9219	2.9219	0.00439095	6.35413	6.35413	0.272843	1.7416	1.7416	0.0635031	2.75751	2.75751	4.42928	16.5782	3.32699	1
cg00330318	0.864776	0.979281	-1.02116	0.0126448	1.46341	1.46341	0.174111	0.837279	-1.19435	0.109682	0.807181	-1.23888	4.32314	1.03307	0.212411	1
cg25595442	0.424188	1.70757	1.70757	0.0258313	5.66814	5.66814	0.0939886	0.299045	-3.34398	0.0715873	3.73938	3.73938	4.05234	27.5822	6.05021	1
cg25139493	0.419727	0.920015	-1.08694	0.0119807	0.728343	-1.37298	0.000659262	1.69483	1.69483	0.0160987	1.3469	1.3469	6.94991	1.1255	0.14395	1
cg13806070	0.290186	0.829946	-1.2049	0.086593	0.725128	-1.37907	0.000661448	2.42405	2.42405	0.953233	0.990091	-1.01001	6.37432	2.91062	0.405881	1
cg03664992	0.147697	0.780362	-1.28146	0.684872	0.936934	-1.06731	0.0011106	2.15362	2.15362	0.708685	0.941837	-1.06176	3.90286	1.57572	0.358875	1
cg04571984	0.000449663	0.317034	-3.15423	0.680591	0.917656	-1.08973	0.118996	0.703791	-1.42088	0.0297699	0.58804	-1.70056	15.2983	10.4423	0.606738	1
cg20140662	0.293454	0.823941	-1.21368	0.958342	1.00933	1.00933	0.508538	1.12657	1.12657	0.543714	1.1154	1.1154	3.90204	1.95148	0.444549	1
cg06616202	5.71E-05	0.405604	-2.46546	0.102113	0.805609	-1.2413	0.031152	1.35741	1.35741	2.74E-06	0.256504	-3.89857	55.1131	12.7409	0.205491	1
cg17748822	0.024639	0.623344	-1.60425	0.258459	1.23153	1.23153	0.291123	1.21348	1.21348	0.0086333	0.553526	-1.8066	17.8793	8.8341	0.439198	1
cg03401114	0.310777	1.31465	1.31465	0.0114018	2.28436	2.28436	0.0102132	2.32742	2.32742	0.0038461	0.361984	-2.76256	10.5773	11.3993	0.957966	1
cg00758584	5.83E-05	0.131962	-7.57797	0.468963	1.22186	1.22186	0.243556	0.717606	-1.39352	0.521505	0.838031	-1.19327	9.0229	10.569	1.04121	1
cg05249084	0.147956	0.841786	-1.18795	0.062104	1.26246	1.26246	0.160217	0.846636	-1.18115	0.195794	0.859157	-1.16393	6.75593	1.31746	0.17334	1
cg13501185	0.00638419	0.410814	-2.43419	0.00172164	0.325905	-3.06838	0.792123	0.935937	-1.06845	0.0368462	0.544569	-1.83631	6.39229	6.36057	0.884478	1
cg03741406	0.893067	1.02303	1.02303	0.0111734	0.583673	-1.71329	0.625155	1.08694	1.08694	0.726362	1.0613	1.0613	5.90559	2.68136	0.403589	1
cg25190824	0.689963	1.12183	1.12183	0.00617969	0.359214	-2.78386	0.915213	0.969928	-1.031	0.00401391	0.330111	-3.02929	5.24571	6.82909	1.15719	1
cg26051619	0.285297	0.669565	-1.49351	0.380806	0.72304	-1.38305	0.0134858	3.11857	3.11857	0.0802042	0.492204	-2.03168	4.47556	8.96039	1.55717	1
cg02297616	0.41746	1.17633	1.17633	0.456966	0.862027	-1.16006	0.00970311	1.89885	1.89885	0.625633	1.10116	1.10116	3.7806	2.29994	0.540758	1
cg15728256	0.682586	1.11008	1.11008	0.00622879	0.404268	-2.47361	0.781452	1.07319	1.07319	0.71513	0.911101	-1.09757	6.04022	6.17152	0.908211	1
cg11296826	0.0458026	2.97789	2.97789	0.00256352	7.33971	7.33971	0.29053	1.68675	1.68675	0.0905894	2.43193	2.43193	4.88482	17.5743	3.19799	1
cg05386320	0.000846495	1.59543	1.59543	0.00209195	1.49648	1.49648	0.000406022	1.68751	1.68751	5.19E-05	0.494175	-2.02358	58.958	8.09522	0.122049	1
cg13372905	0.0238222	0.419313	-2.38485	0.02536	0.424651	-2.35487	0.0935389	0.551921	-1.81185	0.0550937	0.496181	-2.01539	3.56065	5.85577	1.46185	1
cg01677879	0.00123693	1.95158	1.95158	2.66E-06	4.95607	4.95607	0.000440172	2.19476	2.19476	0.345146	1.14761	1.14761	23.361	7.41833	0.282268	1
cg00348598	0.00135867	0.38476	-2.59903	0.00133322	0.383627	-2.6067	0.990859	0.99765	-1.00236	0.00300602	0.433615	-2.30619	11.4801	7.66933	0.593824	1
cg16295145	0.65567	0.961688	-1.03984	0.0551139	0.82755	-1.20839	0.22425	1.11754	1.11754	0.00077597	1.55696	1.55696	10.5607	1.26726	0.106665	1
cg10413224	0.155907	1.72794	1.72794	0.000767789	6.26806	6.26806	0.00735035	3.47199	3.47199	0.139561	1.7732	1.7732	8.67504	17.8324	1.8272	1
cg12244288	0.17985	1.11041	1.11041	0.0412949	1.18894	1.18894	0.047662	0.846607	-1.18119	0.045408	0.844737	-1.1838	6.08276	0.520787	0.0761039	1
cg23759053	0.624298	0.867766	-1.15238	0.609651	0.862453	-1.15948	0.00148248	4.04734	4.04734	0.544376	0.838274	-1.19293	5.77314	7.3722	0.993209	1
cg06324957	0.168794	0.658586	-1.5184	0.00452418	2.93772	2.93772	0.0119621	2.443	2.443	0.0822256	1.73054	1.73054	4.40236	5.65745	1.14231	1
cg11611127	0.0197861	1.51707	1.51707	0.00487125	1.73808	1.73808	0.449784	1.12082	1.12082	0.778462	0.95909	-1.04265	3.51725	1.22186	0.308791	1
cg15650227	0.0605885	0.783831	-1.27578	0.0401456	0.7611	-1.31389	0.123372	0.825195	-1.21183	0.0865425	0.804166	-1.24352	6.06699	1.27338	0.186566	1
cg25261694	0.654078	0.883821	-1.13145	0.614722	1.14909	1.14909	0.164855	1.50036	1.50036	0.333172	0.760842	-1.31433	9.4554	11.2272	1.05545	1
cg26593228	0.97473	0.991485	-1.00859	0.0122496	2.32187	2.32187	0.35168	0.772019	-1.2953	0.407195	0.79542	-1.2572	9.09754	9.33379	1.02597	1
cg10428836	0.0283463	0.511181	-1.95625	0.317625	0.765045	-1.30711	0.690978	1.10915	1.10915	0.0535265	0.566374	-1.76562	6.60525	7.03184	0.946296	1
cg08626436	0.114416	0.557349	-1.79421	0.000893396	0.183863	-5.43885	0.0609633	0.487244	-2.05236	0.0474642	0.462125	-2.16392	6.20228	11.3852	1.63169	1
cg26381210	0.245408	0.666058	-1.50137	0.296341	0.696157	-1.43646	0.83279	0.931727	-1.07328	0.00236163	0.242045	-4.13146	6.12473	10.8522	1.57499	1
cg20348000	0.269731	0.643141	-1.55487	0.274446	0.646151	-1.54762	0.0549277	2.30703	2.30703	0.010015	0.286901	-3.48553	5.8449	13.6536	2.07643	1
cg26435670	0.963901	1.01568	1.01568	0.000584105	0.160779	-6.21973	0.205305	0.631643	-1.58317	0.256797	0.665695	-1.50219	5.25033	9.82912	1.66409	1
cg19166799	0.0659462	0.35013	-2.85608	0.00271291	0.121625	-8.222	0.0256931	0.259784	-3.84935	0.0721287	0.360218	-2.7761	4.54073	18.6095	3.64297	1
cg25946646	0.0483679	0.272461	-3.67025	0.00384792	0.105896	-9.44324	0.154002	0.414896	-2.41024	0.0117971	0.163205	-6.12727	4.5242	23.8092	4.6779	1
cg24211476	0.0582875	1.60256	1.60256	0.0124116	0.503665	-1.98545	0.121381	0.690644	-1.44792	0.0318335	0.574382	-1.741	4.38017	3.36963	0.683814	1
cg11864400	0.625229	1.09912	1.09912	0.0134301	1.79985	1.79985	0.806345	0.95394	-1.04828	0.857222	0.966016	-1.03518	4.18687	2.44423	0.51892	1
cg15476602	0.708845	0.85619	-1.16796	0.0538623	0.404128	-2.47447	0.126258	1.98323	1.98323	0.423394	0.712876	-1.40277	3.89341	10.565	2.41205	1
cg25011475	0.403003	0.732034	-1.36606	0.215339	0.621674	-1.60856	0.0545042	0.451528	-2.2147	0.938718	0.972364	-1.02842	4.01577	6.5716	1.87023	1
cg06065089	0.734734	0.942012	-1.06156	0.226553	0.800095	-1.24985	0.763056	1.05454	1.05454	0.136497	0.754443	-1.32548	24.1678	11.8093	0.434346	1
cg22239201	0.00880234	0.469351	-2.1306	0.000677091	0.30784	-3.24844	0.000687311	0.308686	-3.23954	0.113331	0.676568	-1.47805	15.6775	12.7669	0.723862	1
cg15287353	0.0226896	1.89665	1.89665	0.0300922	1.81952	1.81952	0.522739	1.16416	1.16416	0.0554723	0.600897	-1.66418	13.5349	11.8033	0.775172	1
cg03658557	0.0272602	0.491789	-2.03339	0.000966597	0.263288	-3.79812	0.817196	1.06492	1.06492	0.0016484	0.294105	-3.40014	8.32196	9.7255	1.0388	1
cg25553665	0.0383215	0.724031	-1.38116	0.00895613	0.639389	-1.56399	0.531614	0.918287	-1.08898	0.237408	0.846607	-1.18119	6.48638	1.85935	0.254803	1
cg23819027	0.257186	1.30095	1.30095	0.00949072	0.481348	-2.0775	0.980978	1.00532	1.00532	0.054175	0.614965	-1.62611	6.02428	4.72283	0.696859	1
cg12117684	0.37081	1.48651	1.48651	0.000978767	8.29	8.29	0.000994782	8.24482	8.24482	0.999513	0.999737	-1.00026	5.77166	17.0105	2.61978	1
cg09156233	0.54072	1.39627	1.39627	?	?	?	?	?	?	0.00832102	0.151359	-6.60682	6.01568	17.9976	3.49042	1
cg22659350	0.298158	1.40761	1.40761	0.00655967	3.06303	3.06303	0.831945	0.93485	-1.06969	0.40692	1.30859	1.30859	4.87893	7.76599	1.41488	1
cg25088874	0.986247	0.995701	-1.00432	0.0163156	2.08347	2.08347	0.00465885	2.56156	2.56156	0.0392809	1.81511	1.81511	4.63044	4.58222	0.879631	1
cg23210521	0.0186138	0.218408	-4.57859	0.00747243	0.159341	-6.27585	0.13256	0.420823	-2.3763	0.143319	0.432256	-2.31344	3.96582	17.8633	4.00385	1
cg04940109	0.0111518	1.35869	1.35869	0.0123852	0.740833	-1.34983	0.263049	0.89366	-1.11899	0.250862	1.12255	1.12255	9.98434	1.46811	0.130703	1
cg22892485	0.317239	1.05451	1.05451	0.0149718	0.857631	-1.166	0.00164387	0.793415	-1.26037	0.000489519	0.755454	-1.32371	9.22665	0.385177	0.0371077	1
cg21566550	0.0633728	0.802963	-1.24539	0.0491512	0.789747	-1.26623	0.599989	0.9459	-1.05719	0.0140244	1.37551	1.37551	6.37221	1.11497	0.155532	1
cg18521536	0.0663297	1.25563	1.25563	0.214053	0.865368	-1.15558	0.0573327	0.788474	-1.26827	0.00245256	1.59328	1.59328	6.01661	1.16422	0.172001	1
cg13272839	0.136633	0.854579	-1.17017	0.735582	0.967329	-1.03377	0.360002	1.09661	1.09661	0.218887	1.1351	1.1351	4.67872	0.711641	0.135202	1
cg25924032	0.362451	1.14011	1.14011	0.0387464	0.710553	-1.40735	0.00240768	1.86408	1.86408	0.013391	0.64261	-1.55615	27.6203	7.40737	0.234663	1
cg05454446	0.00057	3.93084	3.93084	0.000105463	0.172584	-5.79429	0.637811	1.12934	1.12934	0.187849	1.43048	1.43048	16.2147	16.8988	0.926388	1
cg12810264	0.0870174	0.828928	-1.20638	0.00804566	1.40083	1.40083	0.122946	0.847115	-1.18048	0.0139693	0.739785	-1.35174	14.6567	2.28798	0.13876	1
cg01227028	0.95691	0.99089	-1.00919	0.182321	0.786836	-1.27091	0.929595	1.01508	1.01508	0.871282	0.972909	-1.02785	6.32373	2.87313	0.403859	1
cg23983067	0.379412	1.30393	1.30393	0.0169936	0.424595	-2.35519	0.0530451	1.90979	1.90979	0.0313295	0.475522	-2.10295	5.81273	7.97401	1.2194	1
ch.10.986655R	0.00131576	0.310737	-3.21815	0.0245692	0.511972	-1.95323	0.0688262	0.601017	-1.66385	0.0151901	0.474457	-2.10767	5.44182	5.38729	0.879981	1
cg07149454	0.0730208	1.76983	1.76983	0.104656	0.602675	-1.65927	0.715246	1.11028	1.11028	0.981362	0.993353	-1.00669	3.41243	4.40554	1.14758	1
cg07842594	0.325073	0.799908	-1.25014	0.000149064	0.238901	-4.18584	0.222567	1.32526	1.32526	0.956849	0.988182	-1.01196	6.23117	4.76352	0.679526	1
cg12609665	0.0206221	0.507524	-1.97035	0.00344799	0.380535	-2.62788	0.247051	0.744955	-1.34236	0.0630618	0.601323	-1.663	6.06784	5.68682	0.833073	1
cg05446127	0.00812371	0.5436	-1.83959	2.30E-05	0.217847	-4.59037	0.117104	1.35825	1.35825	0.026096	0.621967	-1.6078	18.3631	9.40989	0.455498	1
cg14277606	0.0154428	0.280245	-3.56831	0.000379026	0.0879632	-11.3684	0.828495	0.91131	-1.09732	0.0224473	0.310179	-3.22395	7.12533	20.6799	2.57983	1
cg17520712	0.0302893	0.305241	-3.2761	0.00626751	0.190238	-5.25659	0.663949	0.815721	-1.22591	0.0625164	0.37654	-2.65576	3.98598	13.7053	3.05633	1
cg09122458	0.0435654	1.80504	1.80504	0.177349	0.694287	-1.44033	0.516183	1.18238	1.18238	0.135352	1.50628	1.50628	3.82046	3.91895	0.911804	1
cg11645198	0.0027622	0.230735	-4.33398	0.79269	1.09807	1.09807	0.0240484	2.60101	2.60101	0.713277	1.14007	1.14007	3.82576	6.79484	1.77608	1
cg08302695	0.0280088	0.438102	-2.28258	0.068608	0.523036	-1.91191	0.184121	1.56513	1.56513	0.0958271	0.559003	-1.7889	5.29404	8.47616	1.42318	1
cg24643262	0.413308	1.31601	1.31601	0.150189	1.65936	1.65936	0.371143	1.3519	1.3519	0.288527	0.696444	-1.43587	4.42773	7.55982	1.51767	1
cg23946499	4.58E-06	0.245046	-4.08087	0.152947	0.814988	-1.22701	0.218484	0.841136	-1.18887	3.74E-05	0.3469	-2.88267	44.196	12.505	0.251505	1
cg06233761	0.906166	1.04514	1.04514	0.451836	0.750531	-1.33239	0.898166	0.953196	-1.0491	0.00521726	0.251619	-3.97426	9.78677	21.7253	1.97322	1
cg21955534	0.461557	1.16105	1.16105	0.0545875	1.54405	1.54405	0.021942	0.57832	-1.72915	0.851241	0.96329	-1.03811	13.4557	8.45778	0.558726	1
cg02318926	0.00949958	0.741272	-1.34903	0.000183261	0.562012	-1.77932	1.29E-07	4.59208	4.59208	0.0103396	0.745021	-1.34224	51.2457	6.73835	0.116881	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg17051321	BNC1	1.52E-05	0.000435804	2.411	2.411	0.00126475	2.10591	2.10591	0.0184913	1.5718
cg19988449	BNC1	2.48E-05	0.381227	0.875207	-1.14259	0.555504	1.09253	1.09253	0.168337	1.24343
cg04090392	BNC1	0.000164429	0.779164	1.05845	1.05845	0.140787	1.37728	1.37728	0.103976	1.43218
cg18560204	BNC1	0.000311016	0.330602	0.889006	-1.12485	0.694721	0.954828	-1.04731	0.143116	1.20252
cg27304406	BNC1	0.000417205	0.496562	0.8546	-1.17014	0.129516	1.45179	1.45179	0.503462	0.856811
cg14431006	BNC1	0.00281961	0.0355533	1.60288	1.60288	0.546309	0.888943	-1.12493	0.543625	0.888225
cg08939095	BNC1	0.00433578	0.902499	0.964097	-1.03724	0.264566	0.706864	-1.4147	0.937408	1.02371
cg10398682	BNC1	0.00962191	0.0145832	0.524816	-1.90543	0.0136102	0.519858	-1.9236	0.790753	0.944602

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00172209	BPNT1;BPNT1	0.0185278	0.654229	1.089287	0.188937	1.0388882	1.57414	1.57414	0.8603	1.034001	0.133146	1.0755191	-1.39219	0.516275	0.68253	-1.13311	0.8816597	1.02868	1.02868	0.00193944	0.434933	-2.29921	0.405547	1.15143	1.15143	0.683828	0.925204	-1.08084	3.73423	2.13211	0.507524	1
cg05271336	BPTF;BPTF	1.80E-05	8.31E-05	0.313626	-3.18851	0.0015142	0.473443	-2.11219	0.003959114	0.530345	-1.88556	0.3148896	1.1854	1.1854	1.83E-05	0.239187	-4.18084	0.001394174	0.468668	-2.13371	1.03E-06	0.123056	-8.12641	0.447288	1.13515	1.13515	0.000493405	0.40948	-2.44212	34.83308	14.7753	0.377068	1
cg04798252	BPTF;BPTF	0.000137065	0.000251561	0.509044	-1.96447	4.79E-05	0.424728	-2.35445	0.0260565	0.744238	-1.34366	0.114054	0.825074	-2.21201	0.493677	0.925197	-1.08085	0.290051	1.13068	1.13068	1.58E-05	0.369084	-2.70941	0.387868	0.905749	-1.10406	0.07432138	1.24909	1.24909	20.345	4.0313	0.117613	1
cg06647360	BPTF;BPTF	0.00216172	0.123018	0.607837	-1.64518	0.1977441	1.50029	1.50029	0.1990114	1.30004	1.30004	0.5496867	0.8502251	-1.17612	0.000277234	0.169825	-5.88842	0.308529	0.730492	-1.36894	0.396026	1.29561	1.29561	0.494004	0.813059	-1.22992	0.000227557	0.161137	6.2059	9.42555	13.2531	1.24985	1
cg18640302	BPTF;BPTF	0.00233561	0.00172125	1.75941	1.75941	0.108057	0.801349	-1.2479	0.02429936	1.640371	1.640371	0.00660493	1.56113	1.56113	0.306365	0.874799	-1.14312	0.635685	1.06213	1.06213	0.635082	1.06225	1.06225	0.000237671	2.16795	2.16795	0.060996	1.30566	1.21438	2.32815	0.224591	1
cg06383798	BPTF;BPTF	0.00248913	0.058007	0.663154	-1.59705	0.6577767	1.08629	1.08629	0.311383	0.8181859	-1.22233	0.527364	0.884482	-1.1306	0.004113312	0.478127	-2.09127	0.0451165	0.643608	-1.55374	0.095028	0.7035528	-1.42143	0.000193815	3.328	3.328	0.1719359	0.756753	-1.32143	0.043664	5.262386	0.517281	1
cg03215657	BPTF;BPTF	0.00618833	0.575276	1.11067	1.11067	0.07277595	0.689927	-1.44943	0.0606106	0.6755527	-1.48033	0.11615	0.728619	-1.37246	0.003442668	0.478422	-2.0902	0.00017929	0.308397	-3.24258	0.635546	0.9152841	-1.09256	0.127832	0.736931	-1.35698	0.2573111	0.803159	-1.24508	6.87321	3.74261	0.484019	1
cg22972362	BPTF;BPTF	0.0102556	0.462261	0.914455	-1.09475	0.326162	0.98888	-1.0124	0.00640412	0.6556817	-1.53448	0.942117	0.991255	-1.00832	0.197988	1.1789	1.1789	0.027350471	1.17152	1.17152	0.694078	0.955345	-1.04832	0.005205735	1.56203	1.56203	0.008656598	1.49892	1.49892	5.86306	1.35873	0.205995	1
cg00712547	BPTF;BPTF	0.0177177	0.750422	0.956926	-1.04501	0.144601	0.800351	-1.24945	0.457665	1.10999	1.10999	0.0153214	0.616932	1.00612	0.944209	0.635028	-1.57473	0.06206342	0.748378	-1.33622	0.547644	0.919477	-1.08758	0.023925	1.45028	1.45028	0.0146534	1.31518	1.31518	4.90109	1.47761	0.267987	1
cg22443205	BPTF;BPTF	0.0232887	0.780483	0.933509	-1.07123	0.226461	0.73142	-1.3672	0.485577	1.19067	1.19067	0.0424482	0.562435	-1.77798	0.0332705	0.541834	-1.84558	0.0655068	0.601038	-1.66379	0.000870316	0.292237	-3.42189	0.178074	0.702985	-1.42251	0.123981	0.663476	-1.50721	4.465561	4.28958	0.85385	1
cg04620179	BPTF;BPTF	0.0255158	0.181474	0.788393	-1.26825	0.7322204	0.893677	-1.11897	0.331539	1.388	1.388	0.577423	0.829303	-2.20355	0.0137516	0.837092	-1.19461	0.0277926	0.643009	-1.55501	0.0177059	0.565498	-1.76955	0.357926	0.359299	-2.78264	0.0115199	-1.92559	0.363029	-2.75268	0.626784	4.32636	2.00343	0.416966	1
cg26135490	BPTF;BPTF	0.0318837	0.260984	0.767398	-1.3031	0.0029798	0.398434	-2.50983	0.00785223	0.462849	-2.16053	0.357457	0.807572	-1.23828	0.00744243	0.599196	-1.6689	0.795937	0.943153	-1.06027	0.358445	1.2377	1.2377	0.855614	1.04199	1.04199	0.131405	0.692257	-1.44455	3.999308	3.20318	0.717983	1
cg20968679	BRAF	8.17E-05	0.000107461	0.559974	-1.7858	0.379198	1.0795	1.0795	1.59E-05	1.966862	1.966862	0.0021921	1.50901	1.50901	1.66917	0.000703628	1.559201	1.55031	1.55031	0.000344138	0.633162	-1.63088	0.000494498	1.18812	1.18812	0.481754	1.062258	1.062258	23.37216	2.562369	0.01046	1
cg12867312	BRAF	0.000709927	0.000845631	0.149542	-6.68707	0.000166397	0.0878009	-11.3894	0.00751639	0.271207	-3.68722	0.461736	1.32869	1.32869	0.021020474	0.348864	-2.86644	0.00170195	0.182713	-5.47307	0.000250404	0.101134	-9.88787	0.0091003	0.2845133	-3.51478	0.0427689	0.412895	-2.42192	12.9597	29.53	2.02543	1
cg10239901	BRAF	0.00505956	0.0778379	1.6777	1.6777	0.964752	1.01174	1.01174	0.0252028	0.495184	-2.01945	0.00729015	0.401033	-2.49356	0.00154357	0.300429	-3.32858	0.0179826	0.468118	-2.13621	0.00548182	0.381249	-2.62296	0.329965	0.7668866	-1.30401	0.0105917	0.427925	-2.33586	11.72131	8.07381	0.981485	1
cg17005753	BRAF	0.0105749	0.8989313	0.0278	1.02279	0.4249772	1.07505	1.07505	0.5552601	1.11238	1.11238	0.0410202	1.51895	1.51895	0.0165397	0.55517	-1.80219	0.2646614	1.2281	1.2281	0.007002007	0.400145	-2.4991	0.78862	1.04879	1.04879	0.2295775	1.25044	1.25044	5.80567	2.88972	0.442436	1
cg07843733	BRAF	0.0111611	0.36533	0.764329	-1.30834	0.528945	0.83168	-1.20239	0.0302449	0.478956	-2.08788	0.391573	0.775974	-1.2887	0.00129157	0.257978	-3.8763	0.124585	1.6168	1.6168	0.765812	1.09014	1.09014	0.862677	0.951207	-1.0513	0.00227025	0.291195	-3.43412	5.70571	7.54453	1.17536	1
cg08428486	BRAF	0.0210275	0.0668354	0.431825	-2.30635	0.0498677	0.992231	-1.54052	0.0369678	0.373283	-2.67893	0.397997	0.703283	-1.42194	0.00797829	0.355345	-2.81333	0.845432	0.92368	-1.08263	0.107266	0.488016	-2.04432	0.005885589	4.33747	4.33747	0.74314	0.873807	-1.14442	4.47099	11.7553	2.32915	1
cg04094063	BRAF	0.0234355	0.4412051	0.870968	-1.14806	0.749826	0.775443	-1.28959	0.685588	1.06932	1.06932	0.524599	0.899191	-1.11211	0.419054	0.872842	-1.14568	0.001205586	0.457944	-2.18367	0.0710848	1.39391	1.39391	0.124921	1.31469	1.31469	0.345298	1.17363	1.17363	4.45592	1.91471	0.381956	1
cg26956263	BRAF	0.0243123	0.0362736	0.670771	-1.49082	0.191427	1.25467	1.25467	0.126494	0.762501	-1.31147	0.0839456	0.730747	-1.36846	0.640897	1.0801	1.0801	0.828291	0.964997	-1.03627	0.00943088	1.71557	1.71557	0.0214755	1.57322	1.57322	0.353588	1.16948	1.16948	4.39964	1.87486	0.378789	1
cg12750675	BRAF	0.0267065	0.424103	0.76555	-1.30625	0.7322204	0.893677	-1.11897	0.331539	1.388	1.388	0.577423	0.829303	-2.20583	0.00112945	0.208424	-4.79792	0.0799437	0.528671	-1.89153	0.191623	0.636096	-1.57209	0.0760502	1.90801	1.90801	0.27529	0.689743	-1.44982	4.25795	7.22239	1.50775	1
cg04915777	BRAF	0.036618	0.339474	1.35306	1.35306	0.997782	1.00085	1.00085	0.00697288	0.529096	2.930496	0.111498	1.703	1.703	0.0693972	1.8661	1.8661	0.125612	0.601058	-1.66373	0.0602478	0.52159	-1.91721	0.185438	0.649687	-1.5392	0.9251	1.0293	1.0293	1.0293	3.82042	5.583144	1.32792	1
cg25204078	BRAF	0.045218	0.01138839	0.414209	-2.41468	0.0159398	0.334724	-2.98854	0.122353	0.617202	-1.62021	0.167554	0.85016	-1.17625	0.004457	0.534662	-2.98809	0.096314	0.509475	-1.96355	0.0314521	0.4828275	-2.07091	0.0834224	0.6735573	-1.48462	0.113109	0.6080334	-1.64464	3.519315	4.430334	1.17183	1
cg22867538	BRAP	0.000895097	0.000758577	0.111186	-8.99394	0.00161427	0.15486	-6.45744	0.16408	0.541941	-1.84522	0.101814	0.477624	-2.0937	0.000198185	0.0758098	-13.1909	0.0112029	0.269475	-3.71091	0.000341333	0.092549	-10.8051	0.43475	0.719778	-1.38932	0.00329195	0.191644	-5.21802	12.1414	32.7329	2.39641	1
cg02849750	BRAP	0.00231941	0.0407054	0.340666	-2.93543	0.0204799	0.280091	-3.57027	0.474433	0.717822	-1.3931	0.586676	0.778657	-1.28426	0.72745	0.876369	-1.14107	0.00896809	0.219872	-4.5481	8.62E-05	0.0402758	-24.8288	0.398286	1.48313	1.48313	0.00247653	0.146992	-6.80309	0.23231	30.3747	2.92419	1
cg16029534	CA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BR CA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BR	0.00800649	0.0586925	0.644722	-1.55106	0.00116324	0.375213	-2.66515	0.0635869	0.651356	-1.53526	0.405927	1.19096	1.19096	0.0256004	0.579786	-1.72477	0.00761976	0.493992	-2.02432	0.00989038	0.511741	-1.95411	0.0321	0.596886	-1.67536	0.0117733	0.523802	-1.90912	6.34253	4.24382	0.594761	1
cg14048487	CA1	0.0315391	0.0406957	0.774348	-1.29141	0.18085	1.16622	1.16622	0.144821	0.8441	-1.18469	0.750202	1.03517	1.03517	0.0961927	0.821024	-1.21799	0.101623	1.21405	1.21405	0.0463223	1.29155	1.29155	0.0254317	1.33305	1.33305	0.160795	1.17601	1.17601	4.01405	0.744763	0.164899	1
cg01879757	CA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BR	0.0316638	0.412693	1.40224	1.40224	0.0687093	0.43936	-2.27604	0.192152	0.572768	-1.74591	0.962651	0.981276	-1.01908	0.050754	0.407121	-2.45627	0.694664	1.17262	1.17262	0.140824	1.89539	1.89539	0.00362544	4.89911	4.89911	0.370846	1.44907	1.44907	4.00889	10.3456	2.29386	1
cg16630982	CA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BR	0.000877475	6.63E-05	0.166606	-6.00217	0.64221	1.12147	1.12147	0.474351	1.19514	1.19514	0.000856507	0.293176	-3.41091	0.057324	0.590482	-1.69353	?	?	?	0.828429	1.05462	1.05462	0.139466	1.47646	1.47646	0.0912446	1.57733	1.57733	12.501	10.5648	0.845117	1
cg20187250	CA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BR	0.00270009	0.000923323	0.150526	-6.64336	0.0258051	2.75354	2.75354	0.10388	1.97481	1.97481	0.775689	1.11552	1.11552	?	?	?	0.38652	1.40449	1.40449	0.0077096	0.269833	-3.706	0.00463564	0.236636	-4.2259	0.076272	0.470143	-2.12701	9.02753	18.609	2.06136	1
cg16963062	CA1;BRCA1;BRCA1;BRCA1;BRCA1;NBR2;BRCA1	0.0282103	0.284711	0.602698	-1.6592	0.227104	0.561138	-1.78209	0.202722	1.8455	1.8455	0.274671	0.595786	-1.67845	0.117161	2.17166	2.17166	0.465481	0.712882	-1.40276	0.00394741	0.170895	-5.85155	0.0193816	0.275764	-3.62629	?	?	?	4.24791	12.4157	2.92279	1
cg04582861	R2;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BR	0.00161959	0.0047528	0.560104	-1.78538	0.000737465	2.20919	2.20919	0.00142416	2.04105	2.04105	0.376898	1.15048	1.15048	0.1496	1.26979	1.26979	0.501337	0.899869	-1.11127	0.135053	0.779531	-1.28282	0.0208808	0.650637	-1.53696	0.193202	0.781883	-1.27896	10.2504	3.88007	0.336472	1
cg12984107	R2;BRCA1	0.0168814	0.445722	0.919456	-1.0876	0.011995	0.712798	-1.40292	0.843389	0.978859	-1.0216	0.497844	1.07718	1.07718	0.746482	0.965566	-1.03566	0.441861	0.918774	-1.08841	0.000838643	0.581124	-1.7208	0.0841913	1.22923	1.22923	0.646436	1.05116	1.05116	4.98113	0.920656	0.164292	1
cg26879546	BRCA1;NBR2;BRCA1;BRCA1;BRCA1;BRCA1;BR	0.0305269	0.443664	1.15864	1.15864	0.958596	1.00984	1.00984	0.108657	0.718982	-1.39086	0.71077	1.07275	1.07275	0.663649	1.086	1.086	0.622505	0.910685	-1.09807	0.000651359	2.67929	2.67929	0.385569	1.23259	1.23259	0.599764	1.10498	1.10498	4.06162	2.28673	0.500453	1
cg19442659	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	2.07E-05	3.58E-06	0.231011	-4.32881	0.00860674	0.636649	-1.57072	0.00537022	0.630155	-1.63893	0.0587635	0.749995	-1.33334	2.83E-05	0.329698	-3.03308	0.000189877	0.428332	-2.33464	3.25E-05	0.336729	-2.96975	0.0191688	1.46514	1.46514	9.22E-05	0.390287	-2.56222	33.5493	9.64998	0.255676	1
cg06001716	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00261776	0.155235	1.49991	1.49991	0.00713624	2.52485	2.52485	0.318123	1.31659	1.31659	0.0233979	2.05842	2.05842	0.0374918	1.90299	1.90299	0.00198554	3.2033	3.2033	4.13E-05	0.124614	-8.02478	0.000499849	4.26875	4.26875	0.569004	0.858076	-1.1654	17.0743	19.2129	1.00022	1
cg02286533	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.000684166	0.0254876	0.424693	-2.35464	0.052774	2.03436	2.03436	0.962207	1.0154	1.0154	0.867889	0.947713	-1.05517	0.643163	0.86028	-1.16241	0.0130204	2.70175	2.70175	3.56E-05	0.0763291	-13.1012	0.00441677	3.4066	3.4066	0.712948	1.1266	1.1266	13.0946	21.5812	1.46498	1
cg15065591	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00076962	0.00205058	0.223424	-4.4758	0.264422	1.49377	1.49377	0.921441	0.966541	-1.03462	0.240645	1.52777	1.52777	0.00184269	0.217449	-4.59878	0.408181	1.33892	1.33892	4.28E-05	0.0683965	-14.6206	0.232116	1.54086	1.54086	0.10472	0.542401	-1.84366	12.6709	23.8856	1.67562	1
cg05815247	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00134582	0.672817	1.08281	1.08281	0.936506	1.01504	1.01504	0.231546	0.790521	-1.26499	0.441764	1.15827	1.15827	0.778183	1.05432	1.05432	0.65026	0.91805	-1.08927	1.32E-05	0.180577	-5.53781	0.847187	0.964505	-1.0368	0.107984	0.719987	-1.38891	10.8113	6.008333	0.493998	1
cg19454999	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.0114879	0.00130673	0.335735	-2.97854	0.0840161	0.640283	-1.56181	0.00295067	0.386018	-2.59056	0.0357262	0.565566	-1.76814	0.000133878	0.213644	-4.68067	0.0125784	0.484956	-2.06204	0.00395213	0.404939	-2.46951	0.0538925	0.600275	-1.6659	0.00156821	0.346688	-2.88444	10.5041	9.04729	0.765612	1
cg26276233	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00230603	0.392065	0.722874	-1.38337	0.00970588	3.35632	3.35632	0.453811	1.32632	1.32632	0.359054	0.705375	-1.41769	0.023563	0.383731	-2.60599	0.27577	1.52136	1.52136	0.00288035	0.111022	-9.00724	0.00504139	3.94597	3.94597	0.406874	0.730508	-1.36891	0.24889	20.0641	1.92831	1
cg16006004	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00238407	0.0335081	0.404061	-2.47487	0.0314597	2.51063	2.51063	0.0380589	2.40433	2.40433	0.172005	1.66964	1.66964	0.095549	0.512717	-1.95039	0.00707929	3.5596	3.5596	0.00075936	0.155281	-6.43994	0.0212425	2.74654	2.74654	0.517491	0.787099	-1.27049	9.15901	19.308	1.87386	1
cg10609677	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00297452	0.384757	0.87684	-1.14046	0.510942	0.906341	-1.10334	0.067238	0.738978	-1.35322	0.0781207	0.749249	-1.33467	0.00623701	0.460177	-2.17308	0.00676918	0.595906	-1.67812	0.00244022	0.40892	-2.44546	0.594758	1.08241	1.08241	0.0244623	0.673451	-1.48489	8.57985	2.95582	0.306228	1
cg18372208	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00300017	0.253103	1.45384	1.45384	0.0753803	1.86012	1.86012	0.0242961	2.32032	2.32032	0.964256	0.986049	-1.01415	0.797281	1.08404	1.08404	0.00299546	3.58336	3.58336	0.00135314	0.232478	-4.30148	0.00172027	4.06525	4.06525	0.788556	1.08792	1.08792	8.55801	13.3217	1.38368	1
cg24900425	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00308679	0.0273345	0.336226	-2.97419	0.261087	1.63115	1.63115	0.238249	1.67481	1.67481	0.204008	1.75002	1.75002	0.387624	1.44725	1.44725	0.791659	0.895368	-1.11686	0.000133501	0.0630343	-15.8644	0.0712295	2.31913	2.31913	0.0372707	0.364493	-2.74354	8.48593	23.4222	2.45344	1
cg25067162	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00329892	0.00257129	0.335908	-2.97701	0.35002	0.777977	-1.28538	0.00313799	0.348581	-2.86878	0.848126	1.05131	1.05131	0.00980906	0.42654	-2.34445	0.0644542	0.581506	-1.71967	0.000150083	0.242533	-4.13125	0.460825	1.21647	1.21647	0.273224	1.34662	1.34662	8.3195	8.97477	0.958889	1
cg25738236	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00349966	0.00247894	1.28817	1.28817	0.453141	1.10406	1.10406	0.000260681	2.17674	2.17674	0.190657	0.809424	-1.23545	0.67938	1.05531	1.05531	0.0576191	0.757222	-1.32062	0.00502714	1.61717	1.61717	0.192474	1.19564	1.19564	0.645683	0.941797	-1.0618	7.65618	2.03447	0.236204	1
cg14947218	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00711114	0.0311261	0.339391	-2.94645	0.150384	1.93187	1.93187	0.972751	1.0147	1.0147	0.668865	1.20176	1.20176	0.482248	0.73707	-1.35672	0.102205	2.14682	2.14682	0.000309711	0.0820725	-12.1843	0.0807315	2.28715	2.28715	0.634747	0.81512	-1.22681	6.58269	19.0221	2.56863	1
cg11529738	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00827933	0.555949	0.852853	-1.17253	0.6043337	0.869622	-1.14992	0.357199	1.28795	1.28795	0.20155	1.43393	1.43393	0.166594	1.48309	1.48309	0.590542	1.15622	1.15622	0.000180326	0.183782	-5.44124	0.472995	1.21538	1.21538	0.17808	0.682214	-1.46582	6.27592	7.09848	1.00539	1
cg27581762	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.00847744	0.700577	1.08187	1.08187	0.240763	0.778718	-1.28416	0.00680934	0.489681	-2.04215	0.00118325	0.379624	-2.63418	0.649572	0.911052	-1.09763	0.00264129	0.428553	-2.33343	0.376964	1.20277	1.20277	0.608516	1.11094	1.11094	0.0985472	0.691475	-1.44618	6.22925	4.09168	0.583866	1
cg26370022	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.017374	0.742177	0.913778	-1.09436	0.7361669	1.09677	1.09677	0.134644	1.55358	1.55358	0.31932	1.32458	1.32458	0.934265	0.97772	-1.02279	0.312668	0.751825	-1.3301	0.000641185	0.239017	-4.18379	0.123911	1.57634	1.57634	0.105129	0.61653	-1.62198	4.9334	5.82899	1.05025	1
cg14687474	A1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.0284656	0.254118	0.599869	-1.66703	0.0577242	2.51148	2.51148	0.54106	1.30412	1.30412	0.121713	2.05434	2.05434	0.0700336	2.38513	2.38513	0.0226707	3.22468	3.22468	0.0593396	0.401114	-2.49306	0.0109101	3.94042	3.94042	0.618251	0.80606	-1.2406	4.1635	12.1438	2.59264	1
cg25288140	A1	0.0412508	0.0236785	0.191165	-5.23107	0.505103	1.5133	1.5133	0.936001	1.05043	1.05043	0.487268	0.648976	-1.54089	0.154371	0.392995	-2.54456	0.106362	2.94537	2.94537	0.0159232	0.16391	-6.1009	0.0385919	4.33943	4.33943	0.642146	0.750746	-1.33201	5.64152	21.6436	5.28318	1
cg12836863	BRCA2	0.000219817	0.171607	0.853305	-1.17191	0.123697	0.833816	-1.19931	0.00049598	0.552003	-1.81159	0.00107498	0.59068	-1.69296	0.00298193	1.55909	1.55909	0.0573726	0.791114	-1.26404	0.00014185	2.04506	2.04506	0.126707	0.835215	-1.1973	0.00246223	0.631898	-1.58253	17.906	3.36944	0.167265	1
cg25497877	BRCA2	0.00197704	0.00083384	0.486153	-2.05731	0.0196447	0.629886	-1.58759	0.0130285	0.827795	-1.20855	0.0103892	0.639373	-1.56417	0.00748331	1.30758	1.30758	0.0090594	1.0171	1.0171	0.00178331	0.490511	-2.03864	0.00015009	0.396172	-2.52436	0.0266143	0.644591	-1.55137	0.289614	1
cg09102017	BRCA2	0.00228158	0.0901906	0.886249	-1.12835	0.0178556	1.20465	1.20465	0.028293	0.845819	-1.18229	0.0886138	0.885615	-1.12916	0.00457233	1.15966	1.15966	0.00133577	1.35199	1.35199	0.00631	0.739628	-1.25845	0.0183594	0.831064	-1.20328	0.0381156	1.06593	1.06593	4.97283	0.614491	0.0588731	1
cg08157964	BRCA2	0.00235958	0.000956642	0.415201	-6.0181	0.371921	1.36658	1.36658	0.567178	0.977481	-1.02283	0.13093	0.573718	-1.74302	0.00456544	0.515481	-6.55819	0.0381665	1.49355	1.49355	0.0144	0.669	1.5564	1.5564	0.30564	1.43414	1.43414	0.979671	1.00958	1.00958	1.34942	15.3477	1.6283	1
cg26458617	BRCA2	0.00570752	0.0854836	0.594004	-1.65831	0.0469226	1.201702	1.201702	0.0941065	0.656782	-1.76435	0.702213	1.30104	1.30104	0.0294186	0.662	1.662	0.0100052	2.72672	2.72672	0.00116508	0.244221	-4.01251	0.807639	1.07815	1.07815	0.679671	0.879764	-1.13667	7.04687	1.3396	1.3396	1
cg08193369	BRCA2	0.00574646	0.567137	0.914898	-1.09302	0.000407687	0.421656	-2.3716	0.00707539	0.604677	-1.65377	0.802818	0.96226	-1.03922	0.117978	0.770269	-1.29825	0.0366086	1.45273	1.45273	0.0247499	0.662966	-1.50837	0.781683	0.958184	-1.04364	0.269089	1.1936	1.1936	7.03214	2.63313	0.332837	1
cg06698981	BRCA2	0.00716156	0.180762	0.7875	-1.26967	0.0872672	1.06185	1.06185	0.0127602	0.74511

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26226566	BRD2;BRD2	0.00569248	0.920007	0.986623	-1.01356	0.928845	1.01205	1.01205	0.200363	1.19883	1.19883	0.00363159	0.590002	-1.69491	0.875744	0.979239	-1.0212
cg13465831	BRD2;BRD2	0.00607024	0.33413	0.887288	-1.12703	0.353574	1.12141	1.12141	0.00103419	1.79219	1.79219	0.613103	0.940624	-1.06312	0.0714053	1.27343	1.27343
cg08228316	BRD2;BRD2	0.00623763	0.759601	0.973666	-1.02705	0.00845666	1.33956	1.33956	0.016582	1.28973	1.28973	0.567658	0.951014	-1.05151	0.00969903	1.32911	1.32911
cg21755381	BRD2;BRD2	0.00706203	0.0916541	0.777626	-1.28597	0.250585	1.17654	1.17654	0.179221	1.21314	1.21314	0.00410585	0.593698	-1.68436	0.0241716	0.694879	-1.4391
cg11936639	BRD2;BRD2	0.00731245	0.83973	1.06171	1.06171	0.569452	1.18531	1.18531	0.354429	1.3254	1.3254	0.986246	1.00511	1.00511	0.840237	0.942061	-1.0615
cg23028220	BRD2;BRD2	0.00731415	0.0705679	0.634959	-1.57491	0.769353	0.936051	-1.06832	0.00601937	2.24028	2.24028	0.374395	1.22743	1.22743	0.00363632	0.412996	-2.42133
cg25578822	BRD2;BRD2	0.00878557	0.000322111	0.153875	-6.49877	0.0305275	0.441493	-2.26504	0.229024	1.50083	1.50083	0.628595	1.16973	1.16973	0.0118615	0.36409	-2.74657
cg10995964	BRD2;BRD2	0.00979725	0.0156467	2.86464	2.86464	0.0086941	3.27936	3.27936	0.0158928	2.85453	2.85453	0.908198	1.04182	1.04182	0.254336	0.65525	-1.52614
cg01716683	BRD2;BRD2	0.00982491	0.583712	1.22278	1.22278	0.00034181	8.13467	8.13467	0.00679286	3.57811	3.57811	0.0437943	2.32154	2.32154	0.0439838	2.31928	2.31928
cg15586654	BRD2;BRD2	0.0102802	0.046299	2.36669	2.36669	0.0343281	2.53874	2.53874	0.516066	1.2821	1.2821	0.287522	1.51701	1.51701	0.00557378	0.253105	-3.95093
cg14018275	BRD2;BRD2	0.0103094	0.528998	1.09693	1.09693	0.065517	1.34964	1.34964	0.471176	1.11218	1.11218	0.000229399	2.42937	2.42937	0.267118	1.18258	1.18258
cg16416715	BRD2;BRD2	0.0106004	0.779049	1.03763	1.03763	?	?	?	0.244179	1.17353	1.17353	0.00274318	1.72098	1.72098	0.624161	1.067	1.067
cg02387583	BRD2;BRD2	0.0125116	0.00935231	0.458203	-2.18244	0.138048	1.45955	1.45955	0.0774108	1.59174	1.59174	0.331731	0.788895	-1.2676	0.0196119	0.512899	-1.9497
cg02590376	BRD2;BRD2	0.0125639	0.358071	1.23522	1.23522	0.0152402	0.513711	-1.94662	0.170536	0.721646	-1.38572	0.959007	0.988577	-1.01156	0.0418123	0.591912	-1.68944
cg11439393	BRD2;BRD2	0.0153741	0.161343	0.712275	-1.40395	0.126812	1.45441	1.45441	0.00126296	2.90812	2.90812	0.569499	0.877749	-1.13928	0.218914	0.745801	-1.34084
cg17478371	BRD2;BRD2	0.0157921	0.50911	0.831213	-1.20306	0.0119286	2.3775	2.3775	0.00811502	2.54865	2.54865	0.264197	0.72525	-1.37883	0.702542	1.11172	1.11172
cg11600186	BRD2;BRD2	0.0165496	0.781997	1.13604	1.13604	0.00931155	4.55801	4.55801	0.13686	2.08937	2.08937	0.129982	2.12144	2.12144	0.138054	2.084	2.084
cg11759354	BRD2;BRD2	0.0169703	0.488681	1.32233	1.32233	0.00128743	6.44605	6.44605	0.0012149	6.56046	6.56046	0.418296	1.3889	1.3889	0.224232	1.66049	1.66049
cg26450574	BRD2;BRD2	0.0192527	0.36688	0.680226	-1.4701	0.00204789	6.08709	6.08709	0.0348989	2.77867	2.77867	0.246067	1.65579	1.65579	0.722788	1.15958	1.15958
cg21240472	BRD2;BRD2	0.0209798	0.438376	1.12601	1.12601	0.747172	1.04976	1.04976	0.861478	1.02657	1.02657	0.581715	0.919857	-1.08713	0.0598407	1.37551	1.37551
cg10770652	BRD2;BRD2	0.0221001	0.237351	0.620054	-1.61276	0.0294354	2.69176	2.69176	0.055215	2.31441	2.31441	0.72629	0.87311	-1.14533	0.162567	1.77821	1.77821
cg05908077	BRD2;BRD2	0.0231657	0.0344219	0.708604	-1.41122	0.144262	1.24483	1.24483	0.0196155	1.48243	1.48243	0.702769	0.947877	-1.05499	0.281795	0.855412	-1.16903
cg20222521	BRD2;BRD2	0.0234264	0.0151215	0.479904	-2.08375	0.0113805	0.458787	-2.17966	0.0913338	0.632976	-1.57984	0.00479599	0.398277	-2.51082	0.890714	1.03439	1.03439
cg19713209	BRD2;BRD2	0.0235815	0.39002	1.13836	1.13836	0.847313	1.02877	1.02877	0.884238	1.02167	1.02167	0.0890851	1.31767	1.31767	0.4209	1.12859	1.12859
cg11700916	BRD2;BRD2	0.0247839	0.139176	0.712304	-1.40389	0.223425	0.761364	-1.31343	0.348867	1.22821	1.22821	0.580223	0.887749	-1.12644	0.0454253	0.61319	-1.63082
cg07223713	BRD2;BRD2	0.0266478	0.102183	1.32331	1.32331	0.00425916	0.54936	-1.8203	0.823203	1.03567	1.03567	0.345054	1.16452	1.16452	0.480082	0.893664	-1.11899
cg18918417	BRD2;BRD2	0.0287571	0.708438	1.11784	1.11784	0.0649046	1.84915	1.84915	0.0110856	0.388866	-2.57158	0.144139	0.627947	-1.59249	0.770147	0.916784	-1.09077
cg19400616	BRD2;BRD2	0.0298286	0.534225	1.24928	1.24928	0.0152822	2.86622	2.86622	0.00346377	4.06784	4.06784	0.214749	1.58684	1.58684	0.123407	0.554312	-1.80404
cg27237087	BRD2;BRD2	0.0302753	0.0116562	2.15473	2.15473	0.820099	0.946042	-1.05704	0.830611	0.949172	-1.05355	0.137291	1.47658	1.47658	0.80041	0.940176	-1.06363
cg27395200	BRD2;BRD2	0.0307384	0.151693	0.624677	-1.60083	0.253974	0.69425	-1.4404	0.00322704	3.42458	3.42458	0.118203	1.68144	1.68144	0.398196	0.767219	-1.30341
cg09566131	BRD2;BRD2	0.0308767	0.493834	1.24359	1.24359	0.00269365	3.67306	3.67306	0.0120131	2.67239	2.67239	0.105953	1.74023	1.74023	0.372605	0.750367	-1.33268
cg17674287	BRD2;BRD2	0.0334653	0.675186	0.910858	-1.09787	0.861991	0.962185	-1.0393	0.82751	0.952804	-1.04953	0.182755	0.73108	-1.36784	0.744352	1.07518	1.07518
cg12024328	BRD2;BRD2	0.0382789	?	?	?	?	?	?	0.0448426	9.29887	9.29887	0.969613	0.967003	-1.03412	?	?	?
cg07837102	BRD2;BRD2	0.0387648	0.83623	0.978437	-1.02204	0.00393223	1.50473	1.50473	0.0238243	1.32848	1.32848	0.163328	1.16962	1.16962	0.332698	0.900111	-1.11097
cg11945228	BRD2;BRD2	0.042487	0.771804	0.878426	-1.1384	0.733585	0.858743	-1.16449	0.00200067	0.143071	-6.98953	0.100475	0.448401	-2.23015	0.716284	0.849851	-1.17668
cg26760793	BRD2;BRD2	0.0426724	?	?	?	0.0593056	2.69123	2.69123	0.737642	0.85773	-1.16587	0.375735	0.659424	-1.51648	0.00448836	0.163404	-6.11982
cg11314043	BRD2;BRD2	0.0430168	0.0581439	0.728334	-1.373	0.0378427	0.700132	-1.4283	0.95465	0.991616	-1.00845	0.459807	1.11785	1.11785	0.0103739	1.61267	1.61267
cg04878644	BRD2;BRD2	0.0441534	0.375655	1.45888	1.45888	0.00103613	7.52418	7.52418	0.0250076	3.02729	3.02729	0.535757	1.29755	1.29755	0.580862	1.26066	1.26066
cg21580173	BRD2;BRD2	0.0457896	0.110632	0.822234	-1.2162	0.185455	0.853769	-1.17128	0.980723	1.00272	1.00272	0.521563	0.929466	-1.07589	0.957906	0.994075	-1.00596
cg06361403	BRD2;BRD2;BRD2	0.00826458	0.000189363	0.122979	-8.13148	0.857358	1.06174	1.06174	0.61075	1.18641	1.18641	0.769822	1.10263	1.10263	0.0465757	0.468182	-2.13592
cg13758054	BRD3	0.000440793	0.000568492	0.438988	-2.27796	0.00684545	0.58266	-1.71627	0.250276	0.830872	-1.20356	0.030399	0.675421	-1.48056	0.000144319	0.364328	-2.74478
cg13880081	BRD3	0.00074739	0.231933	1.15564	1.15564	0.0392678	0.759417	-1.3168	0.222616	1.15937	1.15937	0.129255	1.20821	1.20821	1.76E-05	0.362935	-2.75532
cg13629486	BRD3	0.0125817	0.177813	1.40223	1.40223	0.053476	0.592533	-1.68767	0.0245317	0.525084	-1.90446	0.0455851	1.72953	1.72953	0.516276	0.857057	-1.16678
cg13495838	BRD3	0.0264679	0.453184	1.17548	1.17548	0.524681	1.14613	1.14613	0.191809	1.33957	1.33957	0.10553	0.687884	-1.45373	0.0314998	1.70517	1.70517
cg04648440	BRD3	0.0368424	0.79325	0.972744	-1.02802	0.00175355	1.59863	1.59863	0.86945	0.982843	-1.01746	0.23057	0.876059	-1.14148	0.590725	0.944484	-1.05878
cg03657791	BRD4	0.000461769	0.706304	0.963867	-1.03749	3.33E-05	2.18713	2.18713	0.265761	1.11934	1.11934	0.00496828	1.43554	1.43554	0.00122661	0.631488	-1.58356
cg02319453	BRD4	0.00961034	0.0399383	1.41073	1.41073	0.0146825	1.54543	1.54543	0.0372877	0.704481	-1.41948	0.950034	1.00912	1.00912	0.304596	1.16657	1.16657
cg23936609	BRD4	0.010236	0.591124	1.17755	1.17755	0.0632672	0.532844	-1.87672	0.519192	0.821244	-1.21767	0.0175569	0.418555	-2.38917	0.00114569	0.236729	-4.22424
cg02681400	BRD4;BRD4	0.020484	0.782736	1.09744	1.09744	0.0966874	1.84664	1.84664	0.02902	2.37646	2.37646	0.404685	1.33213	1.33213	0.944866	0.977006	-1.02354
cg19559114	BRD4;BRD4	0.0248795	0.672633	1.13351	1.13351	0.0294459	2.13012	2.13012	0.0454647	1.96691	1.96691	0.0338659	2.07603	2.07603	0.896988	0.962526	-1.03893
cg10215604	BRD4;BRD4	0.0333324	0.390956	1.31951	1.31951	0.107084	1.74169	1.74169	0.423886	0.772886	-1.29385	0.400503	1.31186	1.31186	0.940884	1.02367	1.02367
cg07583490	BRD4;BRD4	0.0352078	0.970186	1.01339	1.01339	0.00778094	3.37314	3.37314	0.165358	1.69296	1.69296	0.169191	1.68393	1.68393	0.970434	0.9869	-1.01327
cg08044694	BRD4;BRD4	0.0441507	0.181084	1.43571	1.43571	0.495234	0.838294	-1.1929	0.00296033	2.82648	2.82648	0.0441181	1.8023	1.8023	0.321946	1.29773	1.29773
cg06045123	BRD7	1.40E-05	0.745163	0.972479	-1.0283	8.71E-07	0.326475	-3.06302	0.235519	1.11225	1.11225	2.43E-06	0.375744	-2.66138	0.22155	0.895879	-1.11622
cg06173978	BRD7	0.00344739	0.514992	1.08426	1.08426	0.193316	1.18372	1.18372	0.00402563	0.622876	-1.60546	0.10702	1.24058	1.24058	0.00354921	0.616214	-1.62281
cg16433860	BRD7	0.0310488	0.0862653	1.24055	1.24055	0.00686545	0.671581	-1.48902	0.0177082	0.720325	-1.38826	0.72527	1.04094	1.04094	0.378501	1.10823	1.10823
cg12977827	BRD8;BRD8;BRD8	0.00624131	0.829802	1.04615	1.04615	0.000371875	0.303176	-3.29842	0.0184641	0.549399	-1.82017	0.436831	1.18085	1.18085	0.977973	0.994231	-1.0058
cg07632946	BRD8;BRD8;BRD8;KIF20A	0.00485588	0.0641375	0.692129	-1.44482	0.00183303	0.45704	-2.18799	0.281086	0.820233	-1.21917	0.148135	1.31576	1.31576	0.0010842	0.42605	-2.34714
cg12600695	BRD8;BRD8;BRD8;KIF20A	0.0129608	0.0108932	0.697077	-1.43456	0.730449	0.961708	-1.03982	0.0319653	1.32807	1.32807	0.152195	0.841004	-1.18905	0.0864288	1.23842	1.23842
cg14473243	BRD8;BRD8;BRD8;KIF20A;BRD8;BRD8;BRD8	0.000901819	9.07E-05	0.376377	-2.65691	0.206156	1.2047	1.2047	0.125272	1.26077	1.26077	0.0709773	1.3254	1.3254	0.153005	0.807573	-1.23828
cg27119451	BRD8;BRD8;KIF20A;BRD8;KIF20A	0.00380151	0.328966	0.850564	-1.17569	0.000349158	0.397101	-2.51825	0.562463	0.910215	-1.09864	0.0158928	0.622235	-1.60711	0.163411	1.26992	1.26992
cg03684156	BRD8;BRD8;KIF20A;BRD8;KIF20A	0.0120389	0.0640355	0.67028	-1.49191	0.0280441	1.64671	1.64671	0.149455	1.34593	1.34593	0.252952	0.794922	-1.25798	0.00150692	0.415247	-2.40821
cg22818036	BRD8;KIF20A;BRD8;BRD8	0.0160246	0.162325	0.810536	-1.23375	0.00046275	0.460356	-2.17223	0.129444	0.793992	-1.25946	0.411389	1.12555	1.12555	0.437389	0.894447	-1.11801
cg02637512	BRD8;NME5	0.00196555	0.0234337	0.372184	-2.68684	0.000525262	0.139096	-7.18927	0.0221923	0.367561	-2.72064	0.00932516	0.300027	-3.33303	0.000455293	0.133168	-7.5093
cg09372028	BRD9;BRD9;BRD9	3.25E-07	0.00167322	0.63244	-1.58118	0.000409768	1.77204	1.77204	2.43E-07	0.207461	-4.82019	8.63E-05	0.487539	-2.05112	4.29E-08	0.140371	-7.12399
cg11447335	BRD9;BRD9;BRD9	1.88E-06	0.00184602	1.65187	1.65187	2.17E-06	3.73691	3.73691	1.36E-05	2.80767	2.80767	4.04E-05	0.410776	-2.43441	0.0683597	0.793218	-1.26069
cg10981500	BRD9;BRD9;BRD9	7.13E-06	2.09E-07	0.19072	-5.2433	0.00274969	1.54518	1.54518	0.00124858	1.64301	1.64301	0.0198415	1.3447	1.3447	0.159326	0.85352	-1.17162
cg22129807	BRD9;BRD9;BRD9	0.00110791	0.00211223	0.292325	-3.42085	0.000281365	0.184628	-5.41629	0.0157133	0.430681	-2.3219	0.0112525	0.405144	-2.46826	0.000211548	0.171691	-5.82441
cg12186991	BRD9;BRD9;BRD9	0.00113221	0.00994572	0.64536	-1.54952	0.355371	0.879952	-1.13643	4.36E-05	0.352294	-2.83854	0.00268221	0.572234	-1.74754	0.90349	0.983815	-1.01645
cg11790922	BRD9;BRD9;BRD9	0.00261816	0.00167205	0.405239	-2.46768	0.0023561	0.426259	-2.34599	0.00151969	0.399463	-2.50336	0.291988	0.802736	-1.24574	0.00429095	0.46412	-2.15462
cg08484479	BRD9;BRD9;BRD9	0.00660217	0.744893	1.13586	1.13586	7.65E-05	0.0609958	-16.3946	0.0793015	0.467648	-2.13836	0.284175	0.647851	-1.54357	0.802228	0.906723	-1.10287
cg18802611	BRD9;BRD9;BRD9	0.00816606	0.89653	0.978445	-1.02203	0.102196	1.34927	1.34927	0.384697	0.861336	-1.16099	0.000341037	0.380501	-2.62811	0.215359	0.803794	-1.2441
cg19014664	BRD9;BRD9;BRD9	0.00833664	0.0520479	0.661369	-1.51202	0.0448827	1.53825	1.53825	0.0106502	1.82338	1.82338	0.93295	0.984382	-1.01587	0.000812347	0.388815	-2.57191
cg17964921	BRD9;BRD9;BRD9	0.0103974	0.211652	0.719379	-1.39009	0.250451	0.740369	-1.35068	0.377955	0.797366	-1.25413	0.710924	0.911026	-1.09766	0.0372283	0.545892	-1.83186
cg06636485	BRD9;BRD9;BRD9	0.0109484	0.136396	1.3902	1.3902	0.463065	1.16573	1.16573	0.107634	0.697341	-1.43402	0.978157	0.994395	-1.00564	0.000239183	0.286896	-3.48558
cg18264459	BRD9;BRD9;BRD9	0.0153102	0.825814	0.966293	-1.03488	0.105453	0.759448	-1.31675	0.0615827	0.720678	-1.38758	0.847852	1.03033	1.03033	0.993088	1.00135	1.00135
cg04621795	BRD9;BRD9;BRD9	0.0212317	0.145243	0.754753	-1.32494	0.218292	0.792199	-1.26231	0.0230362	0.613251	-1.63065	0.796527	0.954583	-1.04758	0.0239424	0.615932	-1.62356
cg04992930	BRD9;BRD9;BRD9	0.0221888	0.00808672	0.519095	-1.92643	0.744686	1.06521	1.06521	0.618418	0.90749	-1.10194	0.696631	0.927056	-1.07868	0.707716	1.07553	1.07553
cg17739552	BRD9;BRD9;BRD9	0.0353644	0.913009	0.967813	-1.03326	0.225057	0.682846	-1.46446	0.00160528	3.87575	3.87575	0.0969596	1.72534	1.72534	0.781867	0.92026	-1.08665
cg04014595	BRD9;BRD9;BRD9	0.0361887	0.0235836	0.466978	-2.14143	0.0819168	1.72109	1.72109	0.648957	0.878899	-1.13779	0.51073	0.828696	-1.20672	0.0154652	0.433123	-2.30881
cg19556599	BRD9;BRD9;BRD9	0.040045	0.195073	1.30565	1.30565	0.0178237	1.75157	1.75157	0.282719	1.24261	1.24261	0.408268	1.17892	1.17892	0.161298	0.74743	-1.33792
cg07367113	BRD9;BRD9;BRD9	0.0423156	0.0215581	0.0983736	-10.1653	0.0367753	0.130254	-7.67729	0.109009	0.230271	-4.34272	0.87781	0.878737	-1.138	0.0317344	0.120584	-8.29298
cg21910709	BRD9;BRD9;BRD9;TRIP13;TRIP13	0.000807633	0.00139114	0.4939	-2.0247	0.000252683	0.399075	-2.50579	0.184168	0.806936	-1.23926	0.39503	1.14184	1.14184	0.000816946	0.463824	-2.15599
cg00308185	BRDT	0.00136436	0.061891	0.775269	-1.28987	0.126066	1.22188	1.22188	0.19784	0.848076	-1.17914	0.349789	0.890011	-1.12358	0.00222495	0.595285	-1.67987
cg02935097	BRDT	0.00358608	0.0102922	0.586456	-1.70516	0.0892399	1.36247	1.36247	0.00508482	0.542704	-1.84262	0.888642	0.977142	-1.02339	0.739014	0.946311	-1.05673
cg14732540	BRDT	0.0158143	0.512891	0.800272	-1.24957	0.620744	1.1823	1.1823	0.723861	0.88772	-1.12648	0.623416	0.846913	-1.18076	0.00059146	0.168403	-5.93814
cg13299824	BRDT	0.0193263	0.326886	0.817914	-1.22262	0.00298665	2.24537	2.24537	0.229012	0.778265	-1.28491	0.276586	0.798726	-1.25199	0.925093	0.981498	-1.01885
cg03136151	BRDT;BRDT	0.000786611	0.000175176	0.448535	-2.22948	0.00651558	0.640632	-1.56096	0.000516864	0.505466	-1.97837	0.13755	0.817565	-1.22314	0.00906585	0.65856	-1.51846
cg09250199	BRDT;BRDT	0.00138691	0.0630913	1.8108	1.8108	0.00649478	0.366127	-2.73129	0.000849145	0.240683	-4.15484	0.390299	0.778785	-1.28405	0.000646702	0.22621	-4.42067
cg08172037	BRDT;BRDT	0.0464087	0.0279686	0.578625	-1.72823	0.756021	1.06787	1.06787	0.572555	1.12766	1.12766	0.863272	1.03698	1.03698	0.807824	1.05269	1.05269
cg17836842	BRE;BRE;BRE;BRE;BRE	0.000458152	0.00371649	0.443403	-2.25528	0.00118439	0.372787	-2.6825	0.000273572	0.290202	-3.44587	0.0719938	0.659191	-1.51701	0.000193856	0.272111	-3.67497
cg12886188	BRE;BRE;BRE;BRE;BRE	0.00125033	0.478546	0.80145	-1.24774	0.824415	1.07065	1.07065	0.498824	0.809831	-1.23483	0.449212	1.26732	1.26732	3.16E-05	0.082829	-12.0731
cg05057534	BRE;BRE;BRE;BRE;BRE	0.00266886	0.0701323	0.742538	-1.34673	0.721061	0.948654	-1.05412	0.0191564	0.659179	-1.51704	9.19E-05	0.358126	-2.79231	0.656911	0.936386	-1.06794
cg05977376	BRE;BRE;BRE;BRE;BRE	0.00323082	0.0610586	0.541123	-1.84801	0.00434674	0.330022	-3.0301	0.537396	1.19923	1.19923	0.124667	1.62191	1.62191	0.0154201	0.421148	-2.37446
cg13861527	BRE;BRE;BRE;BRE;BRE	0.00355946	0.375715	0.80148	-1.24769	0.696558	0.909012	-1.1001	0.444403	0.827134	-1.20899	0.0211091	1.96418	1.96418	0.00118455	0.314264	-3.18204
cg16185457	BRE;BRE;BRE;BRE;BRE	0.0116652	0.266688	0.695579	-1.43765	0.453493	0.786994	-1.27066	0.130579	0.599208	-1.66887	?	?	?	0.000273681	0.154102	-6.4892
cg09009506	BRE;BRE;BRE;BRE;BRE	0.0147005	0.892333	0.968032	-1.03302	0.0103723	0.46093	-2.16953	0.40148	0.813821	-1.22877	0.0916824	1.56131	1.56131	0.0018608	0.346698	-2.88435
cg25422678	BRE;BRE;BRE;BRE;BRE	0.015429	0.0251187	0.414348	-2.41343	0.781623	0.91219	-1.09626	0.763004	1.10519	1.10519	0.782466	0.912524	-1.09586	0.00195855	0.235073	-4.25401
cg03833993	BRE;BRE;BRE;BRE;BRE	0.0251711	0.0391535	1.66431	1.66431	0.0347052	0.591308	-1.69117	0.0033818	0.427183	-2.34092	0.450339	0.848615	-1.17839	0.132876	1.41347	1.41347
cg18712919	BRE;BRE;BRE;BRE;RBKS;BRE	0.0154633	0.0202406	0.358086	-2.79262	0.104207	0.521232	-1.91853	0.0544156	0.449079	-2.22678	0.110054	0.527885	-1.89435	0.00402554	0.24238	-4.12575
cg03859915	BRE;BRE;BRE;BRE;RBKS;BRE;LOC100302650	0.0316945	0.0517519	0.547887	-1.82519	0.350222	1.29868	1.29868	0.635461	1.1386	1.1386	0.45524	0.813247	-1.22964	0.0130102	0.432759	-2.31075
cg06869899	BRE;BRE;BRE;BRE;RBKS;LOC100302650;BRE	0.000873601	0.934394	0.973549	-1.02717	0.0275158	2.33685	2.33685	0.0362444	2.20968	2.20968	0.0809857	1.87762	1.87762	0.00019683	0.130313	-7.67381
cg08364093	BRE;RBKS;BRE;BRE;BRE;LOC100302650	0.0112123	0.0177785	0.498685	-2.00527	0.181341	1.40859	1.40859	0.891992	1.03334	1.03334	0.231437	0.738574	-1.35396	0.00606489	0.420965	-2.3755
cg03979539	BRE;RBKS;BRE;BRE;BRE;LOC100302650;BRE	0.00263537	0.831457	0.949603	-1.05307	0.0446074	0.564581	-1.77122	0.139116	0.676662	-1.47784	0.0421252	0.559443	-1.78749	0.42543	0.820317	-1.21904
cg15078838	BRE;RBKS;LOC100302650;BRE;BRE;BRE;BRE	0.00628224	0.0106243	0.111561	-8.96368	0.00445448	0.075028	-13.3284	0.058689	0.232735	-4.29674	0.046063	0.210019	-4.76148	0.00127368	0.0404247	-24.7374
cg22524735	BREA2	4.81E-05	5.41E-06	0.220871	-4.52753	0.691876	0.943236	-1.06018	0.113176	1.28778	1.28778	0.211554	0.824411	-1.21299	1.33E-05	0.26231	-3.81228
cg02389228	BREA2	0.000845171	0.541868	1.11823	1.11823	0.096546	1.39121	1.39121	0.797708	1.04758	1.04758	1.58E-05	0.199124	-5.02201	0.698938	0.932086	-1.07286
cg10136166	BREA2	0.00545085	0.297691	1.18436	1.18436	0.00236949	0.514607	-1.94323	0.137289	0.778149	-1.2851	0.0918416	0.747608	-1.3376	0.680251	1.0671	1.0671
cg09289992	BREA2	0.0360806	0.0111834	0.367227	-2.72311	0.674764	0.875486	-1.14222	0.0082386	0.344793	-2.90029	0.0597742	1.95286	1.95286	0.09422	0.560056	-1.78554
cg12882804	BRF1	0.000107055	0.955573	0.991379	-1.0087	0.00293855	0.530022	-1.88671	0.00326545	0.536206	-1.86496	0.00146769	0.489815	-2.04159	0.000120217	0.351806	-2.84248
cg24037673	BRF1	0.00044054	0.914234	1.04725	1.04725	0.140822	1.97165	1.97165	0.0113851	3.88671	3.88671	0.296715	1.58989	1.58989	0.507694	0.749751	-1.33378
cg11846618	BRF1	0.000603469	0.00877981	0.670689	-1.491	0.000377464	1.97399	1.97399	0.000642709	1.87184	1.87184	0.00749698	1.50976	1.50976	0.17632	1.18774	1.18774
cg13192938	BRF1	0.00195621	0.00029862	0.371753	-2.68996	0.0485607	1.46062	1.46062	0.14105	1.30497	1.30497	0.71307	0.939786	-1.06407	0.0870658	0.727819	-1.37397
cg22841779	BRF1	0.00270655	0.453481	0.916994	-1.09052	0.121875	0.826729	-1.20959	0.0022405	1.62518	1.62518	0.139503	1.19775	1.19775	0.00297216	0.629648	-1.58819
cg22811647	BRF1	0.00449538	0.661051	0.894951	-1.11738	0.0469744	1.77176	1.77176	0.000193184	4.84817	4.84817	0.0306276	1.89439	1.89439	0.143834	1.48444	1.48444
cg13114125	BRF1	0.00530765	0.595057	1.07618	1.07618	0.116616	1.26279	1.26279	0.0333724	0.71158	-1.40532	0.000888066	0.505891	-1.97671	0.498513	0.910253	-1.0986
cg26328893	BRF1	0.0130579	0.0107937	0.471884	-2.11916	0.664879	1.10762	1.10762	0.0341195	0.559976	-1.78579	0.00839047	0.453978	-2.20275	0.0437157	0.580583	-1.72241
cg26154973	BRF1	0.0213976	0.727649	1.10788	1.10788	0.02429	2.19623	2.19623	0.42099	1.27238	1.27238	0.00653019	2.81661	2.81661	0.0305866	0.474985	-2.10533
cg06861200	BRF1	0.040149	0.425319	1.35649	1.35649	0.404803	1.37607	1.37607	0.0209868	2.82926	2.82926	0.890882	1.05275	1.05275	0.0187762	0.344257	-2.90481
cg04326540	BRF1	0.0462231	0.013904	2.02378	2.02378	0.201753	0.731456	-1.36714	0.838081	1.04861	1.04861	0.623557	0.891578	-1.12161	0.13404	1.45479	1.45479
cg20491785	BRF1;BRF1	8.83E-05	0.740239	0.943738	-1.05962	0.685308	0.93155	-1.07348	0.0276624	1.57321	1.57321	0.299066	1.20601	1.20601	6.09E-06	0.171494	-5.8311
cg03021344	BRF1;BRF1	0.000537518	0.849878	1.03832	1.03832	0.00240628	2.31435	2.31435	0.216374	1.2946	1.2946	0.479677	0.867087	-1.15329	7.55E-05	0.24039	-4.15991
cg08157323	BRF1;BRF1	0.00104283	0.0628611	1.6715	1.6715	0.000253866	0.22768	-4.39213	0.00246523	0.355761	-2.81087	0.402333	1.23415	1.23415	0.0016803	0.332076	-3.01135
cg03054255	BRF1;BRF1	0.00206744	0.194284	0.83008	-1.2047	0.582123	0.927398	-1.07829	0.143608	1.23753	1.23753	0.0392702	0.723639	-1.3819	0.235678	1.18358	1.18358
cg19740964	BRF1;BRF1	0.00238681	0.84007	1.03571	1.03571	0.224533	1.24799	1.24799	0.628061	1.08847	1.08847	0.00760747	1.8148	1.8148	0.529614	0.895318	-1.11692
cg20921221	BRF1;BRF1	0.0186577	0.587767	1.11045	1.11045	0.016767	1.74851	1.74851	0.00761214	1.92876	1.92876	0.0142655	1.78339	1.78339	0.253826	0.796049	-1.2562
cg10984327	BRF1;BRF1	0.0407496	0.13032	1.19811	1.19811	0.381398	1.10441	1.10441	0.316177	1.12147	1.12147	0.544756	0.93444	-1.07016	0.295352	0.88688	-1.12755
cg06808227	BRF1;BRF1	0.0440933	0.204957	0.82767	-1.20821	0.108731	0.780827	-1.28069	0.00459569	0.586556	-1.70487	0.673803	0.941884	-1.0617	0.160533	0.808965	-1.23615
cg13692222	BRF1;BRF1	0.0480049	0.0492516	0.337056	-2.96686	0.271035	1.74236	1.74236	0.225297	1.85346	1.85346	0.8472	0.910762	-1.09798	0.00202261	0.121273	-8.24589
cg16561543	BRF1;BRF1;BTBD6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21896147	BRF1;BTBD6;BRF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12096447	BRF1;BRF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20466478	BRF2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22871204	BRF2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10519680	BRF2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22454440	BRF2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26226566	0.049283	1.35102	1.35102	0.00481534	0.60564	-1.65115	0.389766	1.12542	1.12542	0.00301805	1.72477	1.72477	7.0526	2.00775	0.253051	1
cg13465831	0.0207691	1.39676	1.39676	0.939519	0.990932	-1.00915	0.377257	1.1149	1.1149	0.000684427	1.86395	1.86395	6.91426	1.57815	0.202885	1
cg08228316	0.976701	1.00254	1.00254	0.0985441	0.854262	-1.1706	0.0335136	0.805769	-1.24105	0.00355772	1.40978	1.40978	6.85635	0.820957	0.106433	1
cg21755381	0.000601307	0.488362	-2.04766	0.227544	0.842362	-1.18714	0.628871	0.936175	-1.06818	0.100552	0.783796	-1.27584	6.59694	1.91608	0.258178	1
cg11936639	0.00161932	0.262859	-3.80432	0.00138355	0.253824	-3.93974	0.0207615	2.27768	2.27768	0.93319	0.975512	-1.0251	6.52553	9.03679	1.23097	1
cg23028220	0.837871	0.954995	-1.04713	0.648262	1.10874	1.10874	0.0251171	1.81982	1.81982	0.0115348	2.03414	2.03414	6.52505	5.2204	0.71116	1
cg25578822	0.824179	0.930929	-1.0742	0.500983	0.802763	-1.2457	0.974431	1.01036	1.01036	0.697773	1.13373	1.13373	6.15928	10.092	1.45645	1
cg10995964	0.561028	1.23215	1.23215	0.110433	0.539113	-1.8549	0.00220637	4.59003	4.59003	0.749469	0.892444	-1.12052	5.94944	11.8859	1.77584	1
cg01716683	0.719041	1.1403	1.1403	0.990671	1.00426	1.00426	0.041945	2.34426	2.34426	0.696559	1.15308	1.15308	5.94408	12.4354	1.85961	1
cg15586654	0.301102	0.667417	-1.49831	0.009593	0.290091	-3.4472	0.0395969	2.45505	2.45505	0.383271	0.713618	-1.40131	5.85856	13.2144	2.00496	1
cg14018275	0.50148	0.905781	-1.10402	0.508586	0.907308	-1.10216	0.528019	0.911433	-1.09717	0.169555	0.808761	-1.23646	5.85323	1.95047	0.296204	1
cg16416715	0.117188	1.25046	1.25046	0.00335732	0.592093	-1.68892	0.907327	0.984822	-1.01541	0.0658926	1.31129	1.31129	5.91645	1.43668	0.242829	1
cg02387583	0.994645	1.00159	1.00159	0.00781619	0.445551	-2.24441	0.163572	1.42199	1.42199	0.135897	1.46305	1.46305	5.49838	4.8825	0.789324	1
cg02590376	0.086139	1.52781	1.52781	0.00106826	0.339363	-2.94669	0.557527	0.875829	-1.14178	0.061626	0.624662	-1.60087	5.49092	4.34472	0.703338	1
cg11439393	0.175181	1.38687	1.38687	0.023432	0.541096	-1.8481	0.377612	1.22796	1.22796	0.57056	1.13886	1.13886	5.13862	4.18745	0.724353	1
cg17478371	0.0218028	2.138	2.138	0.0175569	0.450369	-2.2204	0.877906	1.04335	1.04335	0.459974	0.812488	-1.23079	5.09309	6.14578	1.07261	1
cg11600186	0.650068	0.810575	-1.23369	0.00339942	0.160269	-6.23951	0.207383	1.84292	1.84292	0.151634	0.493425	-2.02665	5.01426	16.7913	2.97663	1
cg11759354	0.374046	1.43681	1.43681	0.463729	1.34478	1.34478	0.0767037	2.18585	2.18585	0.2183	1.67253	1.67253	4.97239	12.4244	2.22105	1
cg26450574	0.0933639	0.464312	-2.15373	0.166424	0.541534	-1.84661	0.0394976	2.69114	2.69114	0.976545	1.0123	1.0123	4.76571	13.0425	2.43265	1
cg21240472	0.41062	0.881324	-1.13466	0.000431777	2.30699	2.30699	0.467562	0.894953	-1.11738	0.988925	1.00209	1.00209	4.62855	1.65252	0.317359	1
cg10770652	0.0950511	0.492518	-2.03038	0.0143966	0.312032	-3.2048	0.0834812	2.09529	2.09529	0.0984251	0.496715	-2.01323	4.54685	10.7347	2.09858	1
cg05908077	0.529834	1.09293	1.09293	0.00351171	0.57536	-1.73804	0.809641	1.03427	1.03427	0.608773	1.07474	1.07474	4.47377	1.38127	0.274443	1
cg20222521	0.292026	0.764231	-1.30851	0.312958	0.773604	-1.29265	0.303163	1.29994	1.29994	0.256028	1.33858	1.33858	4.45652	4.2695	0.851585	1
cg19713209	0.0272107	1.46894	1.46894	0.0299842	0.686866	-1.45589	0.555892	1.09159	1.09159	0.00183049	1.91818	1.91818	4.44638	1.52422	0.304712	1
cg11700916	0.898423	0.973147	-1.02759	0.00122872	0.365113	-2.73888	0.308643	0.798848	-1.2518	0.012529	0.51583	-1.93862	4.3704	3.14446	0.639547	1
cg07223713	0.0356098	1.46678	1.46678	0.486981	0.895289	-1.11696	0.951433	0.990506	-1.00959	0.0262325	0.6617	-1.51126	4.26123	1.65533	0.3453	1
cg18918417	0.182782	1.52082	1.52082	0.00770372	0.362282	-2.76028	0.335643	1.34235	1.34235	0.610183	1.16471	1.16471	4.14855	5.77803	1.23803	1
cg19400616	0.767092	1.11072	1.11072	0.521266	0.794649	-1.25842	0.282352	1.48434	1.48434	0.161861	0.589723	-1.69571	4.09515	8.10734	1.75977	1
cg27237087	0.00788248	0.436035	-2.29339	0.037849	0.556343	-1.79745	0.876628	0.962876	-1.03856	0.252045	0.747243	-1.33825	4.07359	3.82561	0.834777	1
cg27395200	0.136399	0.611668	-1.63488	0.379053	0.758471	-1.31844	0.480706	1.24556	1.24556	0.0840003	1.79625	1.79625	4.05164	6.0218	1.32112	1
cg09566131	0.484913	1.24942	1.24942	0.715711	1.1216	1.1216	0.0178503	2.46798	2.46798	0.402345	1.30853	1.30853	4.04517	6.30662	1.38582	1
cg17674287	0.59904	1.12473	1.12473	0.000516349	0.301105	-3.3211	0.664059	0.907726	-1.10165	0.20442	0.743273	-1.3454	3.93022	3.05515	0.690977	1
cg12024328	?	?	?	0.716328	1.38036	1.38036	?	?	?	0.0148533	0.0472052	-21.1841	5.96796	29.9118	6.26508	1
cg07837102	0.419763	1.09069	1.09069	0.566104	1.06299	1.06299	0.120729	0.837593	-1.1939	0.130518	1.18764	1.18764	3.72584	0.654443	0.156133	1
cg11945228	0.336996	0.643234	-1.55465	0.0193274	0.283362	-3.52905	0.552936	0.765239	-1.30678	0.24997	1.70899	1.70899	3.60188	11.3348	2.79724	1
cg26760793	0.231845	0.561972	-1.77945	?	?	?	0.208677	0.543572	-1.83968	0.566409	1.30323	1.30323	4.04338	10.1489	2.51	1
cg11314043	0.151102	1.25577	1.25577	0.207984	1.21717	1.21717	0.297759	1.17327	1.17327	0.351002	0.867535	-1.15269	3.58533	1.24439	0.308515	1
cg04878644	0.448708	1.37807	1.37807	0.904587	0.95141	-1.05107	0.164711	1.85094	1.85094	0.701658	1.17337	1.17337	3.55065	9.70232	2.42893	1
cg21580173	0.173443	0.849528	-1.17712	0.00115686	0.584239	-1.71163	0.0547271	0.782443	-1.27805	0.938331	0.991326	-1.00875	3.50261	0.703234	0.178466	1
cg06361403	0.943891	0.976835	-1.02371	0.0307069	0.429477	-2.32841	0.956699	1.01824	1.01824	0.36704	1.36145	1.36145	6.27945	11.0268	1.56091	1
cg13758054	0.000572891	0.439418	-2.27574	0.000123003	0.355863	-2.81007	0.0081883	0.593454	-1.68505	0.00134752	0.48764	-2.05069	14.7981	5.57418	0.334829	1
cg13880081	0.141638	0.833311	-1.20003	0.0226533	1.37007	1.37007	0.648029	1.05446	1.05446	0.800015	0.971135	-1.02972	12.774	2.69345	0.187426	1
cg13629486	0.726439	0.921087	-1.08567	0.00281791	2.75731	2.75731	0.0535701	1.68721	1.68721	0.175006	0.711355	-1.40577	6.19717	5.25565	0.659611	1
cg13495838	0.0200965	0.552487	-1.81	0.00637989	0.471886	-2.11916	0.926126	0.98057	-1.01982	0.845158	1.04224	1.04224	4.27135	3.02824	0.630192	1
cg04648440	0.829669	0.977589	-1.02292	0.139403	0.845908	-1.18216	0.0530277	1.26024	1.26024	0.764983	1.03204	1.03204	3.79576	0.665395	0.155822	1
cg03657791	0.151942	1.16092	1.16092	0.308446	0.902597	-1.10791	0.00518042	1.43156	1.43156	0.355317	1.09684	1.09684	14.609	2.18665	0.133047	1
cg02319453	0.0186949	0.661659	-1.51135	0.127863	1.2694	1.2694	0.0743671	1.33389	1.33389	0.0136407	0.64266	-1.55603	5.98612	1.99087	0.295628	1
cg23936609	0.511789	0.818292	-1.22206	0.00304067	0.294135	-3.3998	0.498486	1.23009	1.23009	0.0390871	0.486905	-2.05379	5.86664	8.43923	1.27868	1
cg02681400	0.0069198	3.24021	3.24021	0.0136472	0.358387	-2.79028	0.0235575	2.48323	2.48323	0.313655	1.41979	1.41979	4.66645	8.36121	1.59269	1
cg19559114	0.00381434	3.15932	3.15932	0.0951812	0.582376	-1.71711	0.0544861	1.9028	1.9028	0.485535	1.23241	1.23241	4.36456	6.01036	1.22407	1
cg10215604	0.0127184	2.65542	2.65542	0.0407435	0.474689	-2.10664	0.0595809	1.9555	1.9555	0.0142952	2.59324	2.59324	3.93585	6.20187	1.40066	1
cg07583490	0.00620858	3.55896	3.55896	0.255322	0.655382	-1.52583	0.0343721	2.40632	2.40632	0.18841	1.64191	1.64191	3.85885	7.73679	1.78217	1
cg08044694	0.384196	1.25515	1.25515	0.258427	0.740568	-1.35031	0.878152	1.03985	1.03985	0.047433	1.78177	1.78177	3.55073	3.64815	0.913275	1
cg06045123	0.43874	1.06992	1.06992	0.077393	1.18293	1.18293	0.0091749	0.753434	-1.32726	0.404204	0.929567	-1.07577	37.1933	4.3133	0.103084	1
cg06173978	0.072607	0.782371	-1.27817	0.000459109	0.508727	-1.96569	0.701569	0.953919	-1.04831	0.232583	0.857806	-1.16576	8.21092	1.95226	0.211346	1
cg16433860	0.492198	1.08257	1.08257	0.05413	1.28222	1.28222	0.583621	1.06498	1.06498	0.836394	0.976757	-1.0238	4.03716	0.827053	0.182098	1
cg12977827	0.650004	0.908707	-1.10047	0.00992606	1.97895	1.97895	0.150722	0.724148	-1.38093	0.873828	0.967245	-1.03386	6.8551	4.76822	0.618287	1
cg07632946	0.591759	1.10049	1.10049	0.0280328	0.631884	-1.58257	0.0660529	0.694375	-1.44014	0.081603	1.40692	1.40692	7.40435	3.66918	0.440483	1
cg12600695	0.0126226	0.704624	-1.4192	0.997374	0.999629	-1.00037	0.0164049	0.718113	-1.39254	0.174503	1.17711	1.17711	5.4355	1.09719	0.179427	1
cg14473243	0.00155189	0.529681	-1.88793	0.00173751	0.53595	-1.86584	0.124073	0.792485	-1.26185	0.966559	1.00587	1.00587	12.1158	3.74247	0.27457	1
cg27119451	0.0288814	1.51272	1.51272	0.0906319	0.741195	-1.34917	0.00763391	0.576373	-1.73499	0.633613	1.0802	1.0802	7.97371	3.25914	0.36332	1
cg03684156	0.0736606	0.681616	-1.4671	0.0730384	0.680923	-1.4686	0.317601	1.21965	1.21965	0.436059	0.858358	-1.16501	5.56765	3.25788	0.520128	1
cg22818036	0.757638	0.957352	-1.04455	0.253115	0.845297	-1.18302	0.348576	1.14555	1.14555	0.131729	1.25747	1.25747	5.0684	1.59154	0.279122	1
cg02637512	0.0422302	0.425629	-2.34946	0.0006596	0.148905	-6.71571	0.0590058	0.459162	-2.17788	0.0125525	0.321958	-3.106	9.69082	20.4528	1.87603	1
cg09372028	5.55E-07	0.243179	-4.1122	1.69E-05	0.406357	-2.46089	0.0251542	0.762242	-1.31192	6.59E-05	0.474123	-2.10916	97.6219	16.0695	0.146319	1
cg11447335	0.0074647	0.676343	-1.47854	0.000234395	0.500332	-1.99867	2.67E-06	3.60753	3.60753	0.0284758	0.745653	-1.34111	62.3742	12.7308	0.181426	1
cg10981500	0.130266	1.1878	1.1878	0.000231487	1.90327	1.90327	0.697107	1.04205	1.04205	0.562543	1.0636	1.0636	44.2876	7.7789	0.156129	1
cg22129807	0.00198536	0.288579	-3.46526	0.0641983	0.553348	-1.80718	0.713134	1.11079	1.11079	0.0323323	0.490133	-2.04026	11.4289	14.6549	1.13979	1
cg12186991	0.00112647	0.524739	-1.90571	0.989213	0.998183	-1.00182	0.10243	0.786309	-1.27176	0.0201044	0.685785	-1.45818	11.3586	3.25511	0.254735	1
cg11790922	0.0118264	0.531705	-1.88074	0.102629	1.43178	1.43178	0.860669	1.03594	1.03594	0.0280677	0.593696	-1.68436	8.90998	5.69931	0.568582	1
cg08484479	0.165518	0.561532	-1.78084	0.934819	0.96859	-1.03243	0.962297	1.01861	1.01861	0.186562	0.579083	-1.72687	6.73668	16.2421	2.1431	1
cg18802611	0.217701	0.804779	-1.24258	0.124237	1.32152	1.32152	0.442405	0.877062	-1.14017	0.0140828	0.601951	-1.66126	6.30324	2.80026	0.394896	1
cg19014664	0.701386	0.930462	-1.07473	0.465611	1.14902	1.14902	0.26382	0.80421	-1.24346	0.847208	0.964558	-1.03674	6.26228	3.47072	0.492646	1
cg17964921	0.000214775	0.212954	-4.69584	0.595665	1.14346	1.14346	0.151481	0.680656	-1.46917	0.0176429	0.485485	-2.0598	5.8373	5.79266	0.882092	1
cg06636485	0.0941169	0.685316	-1.45918	0.278279	0.793376	-1.26044	0.894255	0.973066	-1.02768	0.364887	0.826011	-1.21064	5.74121	3.83263	0.593391	1
cg18264459	0.252519	0.830327	-1.20435	0.000533293	2.31328	2.31328	0.322409	0.852984	-1.17235	0.989505	0.997956	-1.00205	5.14572	1.97227	0.340698	1
cg04621795	0.000565286	0.382456	-2.61468	0.158762	0.762642	-1.31123	0.390968	0.853749	-1.1713	0.621754	0.914426	-1.09358	4.60971	2.36249	0.455558	1
cg04992930	0.00565486	0.495632	-2.01763	0.0183613	0.575126	-1.73875	0.0564599	1.51814	1.51814	0.504572	0.877302	-1.13986	4.5406	2.68745	0.526108	1
cg17739552	0.220434	1.47065	1.47065	0.498349	1.2285	1.2285	0.547637	0.833459	-1.19982	0.146564	0.62718	-1.59444	3.85265	5.46913	1.26184	1
cg04014595	0.0110971	0.407824	-2.45204	0.845411	1.05652	1.05652	0.352635	1.30918	1.30918	0.356299	0.765491	-1.30635	3.82057	4.80043	1.11686	1
cg19556599	0.126617	1.37928	1.37928	0.521641	1.13473	1.13473	0.0721599	1.47779	1.47779	0.0167236	0.566436	-1.76542	3.68161	2.20809	0.533123	1
cg07367113	0.0729201	0.186237	-5.36951	0.0118768	0.0714635	-13.9932	0.0347213	0.126398	-7.9115	0.0339314	0.124885	-8.00734	3.60729	40.332	9.93838	1
cg21910709	0.00308542	0.539719	-1.85281	0.0119144	0.6201	-1.61264	0.000359098	0.418232	-2.39102	0.163529	0.79738	-1.25411	12.4986	4.58972	0.326415	1
cg00308185	0.647531	0.945795	-1.05731	6.76E-05	2.41855	2.41855	0.675897	1.05222	1.05222	0.83547	0.975136	-1.0255	10.7689	2.49986	0.206344	1
cg02935097	0.000379116	0.391732	-2.55277	0.12087	0.757581	-1.31999	0.0867802	1.36642	1.36642	0.355717	1.16976	1.16976	8.11455	3.50084	0.383491	1
cg14732540	0.866222	1.05824	1.05824	0.0231408	2.48849	2.48849	0.163915	1.64662	1.64662	0.619864	0.84545	-1.1828	5.09071	9.0883	1.58691	1
cg13299824	0.86753	0.967392	-1.03371	0.0044124	2.12697	2.12697	0.0981107	1.43378	1.43378	0.514636	1.14022	1.14022	4.75956	2.97278	0.555191	1
cg03136151	0.119281	0.808218	-1.23729	0.0344045	1.36447	1.36447	0.0251209	1.39866	1.39866	0.123369	0.81041	-1.23394	12.5917	3.16356	0.223325	1
cg09250199	0.0481946	0.526612	-1.89893	0.0262264	2.11472	2.11472	0.449838	0.803556	-1.24447	0.00452774	0.341524	-2.92805	10.7184	13.6939	1.13565	1
cg08172037	0.46636	1.16904	1.16904	0.00282882	2.37818	2.37818	0.766381	1.06479	1.06479	0.0878955	1.48714	1.48714	3.48498	2.45029	0.624977	1
cg17836842	0.00169916	0.394484	-2.53496	0.000655892	0.33841	-2.95499	0.256532	1.27857	1.27857	0.00394967	0.447318	-2.23555	14.6408	9.98421	0.606171	1
cg12886188	0.00151476	0.245733	-4.06946	0.465876	1.25606	1.25606	0.728237	1.11312	1.11312	0.0257372	0.443215	-2.25624	11.0414	16.5044	1.32868	1
cg05057534	0.846945	0.971989	-1.02882	0.740269	1.05013	1.05013	0.930682	1.01287	1.01287	0.00122631	0.498958	-2.00418	8.8597	3.03318	0.304318	1
cg05977376	0.0632048	0.544516	-1.83649	0.00808151	2.68272	2.68272	0.00596763	2.84548	2.84548	0.0745856	1.7822	1.7822	8.37151	11.2212	1.19147	1
cg13861527	0.0802006	0.623463	-1.60394	0.164312	1.43506	1.43506	0.00103654	3.26289	3.26289	0.494995	1.18373	1.18373	8.13268	7.63216	0.834182	1
cg16185457	0.107506	0.576365	-1.73501	0.706252	1.12611	1.12611	0.891392	0.958051	-1.04379	0.0337208	0.459368	-2.1769	5.7353	7.94487	1.38526	1
cg09009506	0.856928	0.957628	-1.04425	0.0553441	1.68386	1.68386	0.390445	1.23506	1.23506	0.241416	0.745134	-1.34204	5.21534	4.75419	0.810293	1
cg25422678	0.0627243	0.500261	-1.99896	0.00908908	0.334108	-2.99304	0.222301	1.52837	1.52837	0.0319582	0.435504	-2.29619	5.13255	8.89178	1.53994	1
cg03833993	0.648747	1.10282	1.10282	0.219548	1.31723	1.31723	0.77963	0.941893	-1.06169	0.443219	0.846333	-1.18157	4.3469	3.13562	0.641195	1
cg18712919	0.363003	0.709689	-1.40907	0.00188257	0.198604	-5.03514	0.524425	0.789296	-1.26695	0.0101994	0.304774	-3.28111	5.12878	10.929	1.89414	1
cg03859915	0.389108	0.78671	-1.27112	0.00634781	0.380707	-2.62669	0.266915	0.730241	-1.36941	0.0132538	0.434166	-2.30326	4.0076	4.68908	1.04004	1
cg06869899	0.0596238	0.500495	-1.99802	0.0329659	2.25256	2.25256	0.00130027	4.59582	4.59582	0.0152562	2.63826	2.63826	12.2251	20.5278	1.49258	1
cg08364093	0.124901	0.669618	-1.49339	0.00114426	0.315226	-3.17233	0.0304315	0.541093	-1.84811	0.428025	0.822541	-1.21575	5.69729	5.25944	0.820575	1
cg03979539	0.271726	0.756352	-1.32214	4.61E-05	0.124727	-8.0175	0.65459	1.11555	1.11555	0.171159	1.42887	1.42887	10.516	9.59351	0.709552	1
cg15078838	0.101313	0.293826	-3.40338	0.00266419	0.0586497	-17.0504	0.00739442	0.0948077	-10.5477	0.022804	0.155672	-6.42378	6.84125	50.4943	6.56076	1
cg22524735	0.000927241	0.484074	-2.0658	0.0376336	1.42446	1.42446	0.137614	0.790904	-1.26438	0.0816862	1.32719	1.32719	26.8932	9.16738	0.303005	1
cg02389228	0.515613	1.1267	1.1267	0.00430797	0.501213	-1.99516	0.7418	0.941923	-1.06166	0.103874	0.724829	-1.37964	12.3397	6.40022	0.46104	1
cg10136166	0.0139554	0.621329	-1.60945	0.00300831	1.89187	1.89187	0.203291	1.23426	1.23426	0.0992802	0.753377	-1.32736	7.14722	2.78047	0.345803	1
cg09289992	0.988437	0.995444	-1.00458	0.596395	0.84501	-1.18342	0.411353	1.30302	1.30302	0.196803	0.650526	-1.53722	3.82473	6.01392	1.39767	1
cg12882804	4.42E-05	0.300252	-3.33054	1.12E-05	0.234163	-4.27054	0.00385684	0.546006	-1.83148	0.0173572	0.637452	-1.56875	21.7402	8.31706	0.340058	1
cg24037673	6.95E-06	0.0140367	-71.2418	0.874266	0.934385	-1.07022	0.344031	0.658548	-1.51849	0.348358	0.661156	-1.5125	14.8004	43.0513	2.58558	1
cg11846618	0.189712	0.846832	-1.18087	0.00361941	1.60208	1.60208	0.00133103	1.74801	1.74801	0.769289	0.965411	-1.03583	13.5621	3.07687	0.201666	1
cg13192938	0.00972569	1.73306	1.73306	0.00859414	1.75688	1.75688	0.035694	1.50836	1.50836	0.3728	0.857405	-1.16631	9.70427	4.34525	0.398016	1
cg22841779	0.00443437	1.53858	1.53858	0.46112	0.918382	-1.08887	0.0108133	1.43801	1.43801	0.0640165	1.26643	1.26643	8.82308	1.79937	0.181279	1
cg22811647	0.195199	0.708476	-1.41148	0.141927	0.672197	-1.48766	0.0641834	1.6874	1.6874	0.0372279	1.83733	1.83733	7.58008	7.59638	0.8908	1
cg13114125	0.163422	1.22576	1.22576	0.0249621	0.694125	-1.44066	0.0122433	1.53278	1.53278	0.116369	0.791748	-1.26303	7.2058	2.13744	0.263669	1
cg26328893	0.564092	0.87219	-1.14654	0.0503119	1.68752	1.68752	0.0253424	0.536101	-1.86532	0.021727	0.524075	-1.90812	5.42227	4.72313	0.774277	1
cg26154973	0.00978365	2.60422	2.60422	0.147096	1.57761	1.57761	0.184258	1.51089	1.51089	0.293944	1.37573	1.37573	4.59746	6.25176	1.20874	1
cg06861200	0.801798	0.910101	-1.09878	0.0114314	0.305626	-3.27198	0.611489	1.21149	1.21149	0.43585	0.742499	-1.3468	3.67809	8.17073	1.97463	1
cg04326540	0.0139668	2.02242	2.02242	0.383708	1.23024	1.23024	0.0181252	1.9459	1.9459	0.68356	1.09974	1.09974	3.49024	2.97492	0.757648	1
cg20491785	0.354004	0.847075	-1.18053	1.91E-05	0.220428	-4.53663	0.705517	0.936062	-1.06831	0.0122128	0.580757	-1.72189	22.8886	10.9807	0.426441	1
cg03021344	0.000307049	0.312478	-3.20023	0.197698	1.31029	1.31029	0.125808	0.719797	-1.38928	0.735448	0.934904	-1.06963	14.0063	8.73876	0.554594	1
cg08157323	0.0253477	0.52074	-1.92034	0.168163	1.43407	1.43407	0.0505095	0.578632	-1.72822	0.0612216	1.67826	1.67826	11.6273	11.0958	0.848257	1
cg03054255	0.0308477	1.41036	1.41036	0.000641685	2.03512	2.03512	0.135308	1.24399	1.24399	0.000891323	0.509212	-1.96382	9.54912	2.78161	0.258929	1
cg19740964	0.0188911	0.610337	-1.63844	0.0602865	1.44473	1.44473	0.566727	1.10578	1.10578	0.000144202	0.32078	-3.1174	9.15591	4.37231	0.424479	1
cg20921221	0.110046	0.716486	-1.3957	0.128944	1.36897	1.36897	0.0530323	1.52321	1.52321	0.45764	0.865216	-1.15578	4.81654	2.79489	0.515794	1
cg10984327	0.00302121	1.5678	1.5678	0.0460977	1.28766	1.28766	0.172709	0.851693	-1.17413	0.259025	1.13913	1.13913	3.658	0.708944	0.172272	1
cg06808227	0.0220996	0.678337	-1.47419	0.0851822	1.30885	1.30885	0.808599	0.966262	-1.03492	0.705409	0.947708	-1.05518	3.55246	1.12525	0.281557	1
cg13692222	0.948976	1.03149	1.03149	0.386971	0.650716	-1.53677	0.989254	1.00655	1.00655	0.804976	0.887037	-1.12735	3.44084	12.7941	3.30517	1
cg16561543	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21896147	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12096447	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20466478	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22871204	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10519680	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22454440	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02894896	BRF2	0.0294125	0.192038	0.544457	-1.83669	0.0120711	0.252101	-3.96666	0.0154065	0.270113	-3.70215	0.446584	0.710673	-1.40712	0.0627562	0.397791	-2.51388	0.20399	0.554216	-1.80435	0.00538044	0.199214	-5.01972	0.00886477	0.230726	-4.33415	0.339673	0.648403	-1.54225	4.1156	12.6335	2.72859	1
cg11265336	BRF2	0.0475738	0.0215292	2.23357	2.23357	0.0585257	1.86283	1.86283	0.00478592	2.97404	2.97404	0.244124	1.42574	1.42574	0.0999265	1.69002	1.69002	0.464316	1.24207	1.24207	0.420507	1.27067	1.27067	0.164152	0.649149	-1.54048	0.446768	1.25322	1.25322	3.45258	4.63266	1.19271	1
cg02999463	BRF2;BRF2	0.0081664	0.302487	0.80056	-1.24913	0.625986	1.1077	1.1077	0.433395	1.18114	1.18114	0.549112	1.13455	1.13455	0.703596	1.08286	1.08286	0.096395	0.68375	-1.46252	0.000123629	0.248035	-4.0317	0.337591	0.813933	-1.2286	0.904483	1.02532	1.02532	6.30316	4.32944	0.61055	1
cg20637800	BRI3;BRI3	2.13E-05	0.706631	1.07179	1.07179	0.0965864	1.39723	1.39723	0.0706989	1.4482	1.4482	0.116038	1.36778	1.36778	0.0156349	1.72189	1.72189	0.909088	1.02117	1.02117	2.49E-07	0.059638	-16.7678	0.923462	1.01778	1.01778	0.437109	0.86472	-1.15644	33.3246	17.7442	0.473302	1
cg03128823	BRI3;BRI3	0.0041312	0.115604	1.12582	1.12582	0.936896	1.0055	1.0055	0.458497	1.0537	1.0537	0.307553	0.929429	-1.07593	0.126431	1.12138	1.12138	0.000326763	0.66877	-1.49528	0.158639	1.11005	1.11005	0.0328692	1.18878	1.18878	0.00950064	1.25566	1.25566	7.77641	0.591276	0.0675863	1
cg02253440	BRI3;BRI3	0.00604594	0.0111826	0.784328	-1.27498	0.514352	1.05182	1.05182	0.0138313	1.26168	1.26168	0.140209	0.885812	-1.12891	0.132632	0.883396	-1.132	0.0299287	0.8227	-1.21551	0.00835767	1.29367	1.29367	0.252123	0.912647	-1.09571	0.0172545	1.24814	1.24814	6.92284	0.640091	0.0821874	1
cg09791055	BRI3;BRI3	0.00616087	0.0192898	1.52293	1.52293	0.574578	0.919164	-1.08795	0.270678	1.18584	1.18584	0.655546	1.069	1.069	0.011117	0.623068	-1.60496	0.0155748	0.643493	-1.55402	0.00158179	0.509582	-1.96239	0.210583	1.21661	1.21661	0.166258	1.24532	1.24532	6.88266	2.40782	0.310967	1
cg27376810	BRI3;BRI3	0.0308614	0.727685	1.11007	1.11007	0.075115	1.80766	1.80766	0.183637	1.52409	1.52409	0.0108222	2.60158	2.60158	0.206628	1.48869	1.48869	0.0137386	2.48448	2.48448	0.00740288	2.80298	2.80298	0.0097449	2.65526	2.65526	0.297088	1.38116	1.38116	4.04589	5.71803	1.25626	1
cg01877450	BRI3;BRI3	0.0356482	0.109865	1.39069	1.39069	0.00928376	1.86753	1.86753	0.275451	1.23949	1.23949	0.681712	1.08116	1.08116	0.714103	1.07211	1.07211	0.0243301	1.66177	1.66177	0.0100006	1.85041	1.85041	0.0236354	1.6675	1.6675	0.408696	0.852224	-1.1734	3.8415	2.17864	0.504117	1
cg10940545	BRI3BP	0.000248831	1.78E-05	0.281905	-3.5473	0.0301155	0.692071	-1.44494	0.00348608	0.564347	-1.77196	0.856239	1.02652	1.02652	4.50E-05	0.32809	-3.04795	0.393104	0.881391	-1.13457	0.00408006	0.573348	-1.74414	0.298174	0.855872	-1.1684	0.00426086	0.575835	-1.73661	17.3121	5.7106	0.293211	1
cg24441627	BRI3BP	0.000923134	0.698943	0.882602	-1.13301	0.0067277	3.09319	3.09319	0.0276518	0.433148	-2.30868	0.951793	1.01962	1.01962	0.939866	1.02454	1.02454	0.751783	1.10734	1.10734	2.02E-05	0.0626092	-15.9721	0.543782	1.2183	1.2183	0.828313	1.07228	1.07228	12.0361	19.6835	1.45367	1
cg04415616	BRI3BP	0.00320359	0.93334	0.992176	-1.00789	0.670533	0.960616	-1.041	0.395854	1.08507	1.08507	0.305444	0.905163	-1.10477	0.624225	0.954699	-1.04745	7.88E-05	0.51159	-1.95469	0.89164	1.01288	1.01288	0.382994	1.08763	1.08763	0.00276709	0.678715	-1.47337	8.39265	1.1719	0.124119	1
cg03861798	BRI3BP	0.00469345	0.300426	1.2179	1.2179	0.0156239	0.580108	-1.72382	0.00348999	0.482832	-2.07112	0.458395	0.870482	-1.14879	0.123591	1.35853	1.35853	0.747343	1.06118	1.06118	0.000702254	2.58338	2.58338	0.301262	0.821387	-1.21745	0.92057	0.981844	-1.01849	7.48145	3.99884	0.475112	1
cg19378602	BRI3BP	0.0168084	0.2586	1.89073	1.89073	?	?	?	0.449603	1.51641	1.51641	0.152311	0.436668	-2.29007	0.000983465	0.0708294	-14.1184	0.0672645	3.02882	3.02882	0.171833	0.455665	-2.19459	0.288145	0.551056	-1.8147	0.940551	0.960496	-1.04113	5.08148	20.8902	4.11104	1
cg01589353	BRI3BP	0.0184825	0.338106	0.576568	-1.7344	0.00045516	0.0459603	-21.7579	0.0797132	0.33808	-2.95788	0.447363	1.5401	1.5401	0.229863	0.495328	-2.01886	0.402881	0.620416	-1.61182	0.0744237	0.330088	-3.02949	0.0848031	0.345466	-2.89464	0.515441	1.4445	1.4445	4.8319	23.7971	4.37777	1
cg04984513	BRI3BP	0.0437633	0.0113937	0.447546	-2.23441	0.204126	0.711639	-1.40521	0.403215	0.804821	-1.24251	0.1829	1.43155	1.43155	0.412512	0.808415	-1.23699	0.0191642	2.05334	2.05334	0.669064	0.896599	-1.11533	0.772565	1.07633	1.07633	0.0878555	1.61314	1.61314	3.56243	3.63543	0.907105	1
cg08839451	BRI3BP	0.0480872	0.05878	0.687014	-1.45558	0.0823785	0.712913	-1.4027	0.0213157	0.614684	-1.62685	0.0149827	0.590959	-1.69217	0.107817	0.734473	-1.36152	0.803016	1.04494	1.04494	0.786661	1.04887	1.04887	0.889468	1.02476	1.02476	0.122092	1.34272	1.34272	3.43861	1.6844	0.43542	1
cg12869820	BRI3BP;BRI3BP	0.00633622	0.270181	1.1347	1.1347	0.618297	1.05684	1.05684	0.00261993	1.58182	1.58182	0.0127066	1.40612	1.40612	0.749384	0.96534	-1.0359	0.513379	1.07568	1.07568	0.949568	0.993063	-1.00699	0.000528922	1.8114	1.8114	0.00765195	1.45838	1.45838	6.82314	1.30902	0.170533	1
cg00515161	BRIP1	0.00137087	0.00798236	2.89961	2.89961	0.000453994	0.101214	-9.88002	0.0169772	0.425762	-2.34873	?	?	?	?	?	?	0.079761	1.65919	1.65919	?	?	?	?	?	?	0.00653452	3.08454	3.08454	43.9899	17.929	0.326057	1
cg12435611	BRIP1	0.0108436	0.862059	0.982685	-1.01762	0.134503	0.850386	-1.17594	0.490021	0.932	-1.07296	0.0123051	0.731178	-1.36766	0.0011018	1.62123	1.62123	0.799039	1.02595	1.02595	0.209657	0.875647	-1.14201	0.991921	1.00102	1.00102	0.0349564	1.27994	1.27994	5.75902	0.920022	0.142003	1
cg00869632	BRIP1;BRIP1	0.000625712	0.000768689	0.553705	-1.80602	0.000200466	0.484649	-2.06335	0.00154683	0.589583	-1.69611	0.0919181	1.24025	1.24025	0.0651717	0.786422	-1.27158	0.0563902	1.28493	1.28493	0.392147	1.10709	1.10709	0.374497	1.11158	1.11158	0.0225401	1.37305	1.37305	13.4257	2.86353	0.189588	1
cg12919297	BRIX1	0.000161742	0.728809	0.93274	-1.07211	0.000134063	0.266133	-3.75752	0.018784	0.565779	-1.76747	0.0990124	1.43593	1.43593	0.512201	0.875483	-1.14223	0.0144889	0.547369	-1.82692	1.67E-05	0.170471	-5.86611	0.0618546	0.656599	-1.523	8.73E-05	0.244737	-4.08601	19.4573	12.3326	0.563403	1
cg06466479	BRIX1	0.0110971	0.789251	0.93773	-1.06641	0.442957	1.20652	1.20652	0.404195	0.814771	-1.22734	0.972205	1.0084	1.0084	0.00015184	0.210178	-4.75787	0.999332	1.0002	1.0002	0.231226	0.739791	-1.35173	0.427438	1.21465	1.21465	0.220671	0.734167	-1.36209	5.7163	5.21462	0.810876	1
cg04203417	BRIX1;RAD1;RAD1	0.00157541	0.094398	0.761569	-1.31308	0.296888	0.851965	-1.17376	0.0624082	1.36437	1.36437	0.334085	0.862794	-1.15903	0.0868661	0.755698	-1.32328	4.39E-05	0.317375	-3.15084	0.807945	0.964567	-1.03673	0.664654	0.937432	-1.06674	0.0133138	1.57505	1.57505	10.3325	3.59104	0.308932	1
cg13390975	BRIX1;RAD1;RAD1	0.0152638	0.372293	0.851934	-1.1738	0.00226872	2.11082	2.11082	0.0776769	1.40924	1.40924	0.772986	1.0519	1.0519	0.682424	0.930559	-1.07462	0.993999	0.998685	-1.00132	0.00691239	0.542484	-1.84337	0.0879591	0.719332	-1.39018	0.613715	1.09313	1.09313	5.15089	2.49673	0.43086	1
cg11407078	BRIX1;RAD1;RAD1	0.0166199	0.935906	0.988469	-1.01167	0.00124589	1.97418	1.97418	0.0207182	1.49425	1.49425	0.0381678	1.4141	1.4141	0.158107	1.2431	1.2431	0.0168691	1.52257	1.52257	0.0316036	1.43827	1.43827	0.0880505	1.31187	1.31187	0.0281896	1.45315	1.45315	5.00717	1.64911	0.292754	1
cg18503747	BRMS1;BRMS1	0.00922896	0.453463	1.16494	1.16494	0.000155063	0.2738	-3.65231	0.656376	1.09365	1.09365	0.854777	0.964035	-1.03731	0.320069	1.22802	1.22802	0.635688	0.909006	-1.1001	0.340576	1.21695	1.21695	0.32373	1.226	1.226	0.558879	1.12543	1.12543	6.0638	3.83827	0.56265	1
cg22123877	BRMS1;BRMS1	0.00952597	0.932151	0.984121	-1.01614	0.00752634	0.523871	-1.90887	0.127322	1.36336	1.36336	0.425848	0.858255	-1.16515	0.0297934	1.61717	1.61717	0.570218	1.11388	1.11388	0.00210937	0.44366	-2.25398	0.0493853	1.52438	1.52438	0.932828	1.01597	1.01597	6.00297	3.35947	0.497453	1
cg19306847	BRMS1;BRMS1	0.0123166	0.00665253	0.193031	-5.1805	0.00608859	0.187743	-5.32644	0.0619927	0.374715	-2.66869	0.214743	0.543334	-1.84049	0.596638	1.28336	1.28336	0.024585	0.286339	-3.49237	0.00314421	0.15175	-6.58977	0.0109902	0.225298	-4.43856	0.205299	0.535701	-1.86671	5.52656	19.0964	3.07145	1
cg20767910	BRMS1;BRMS1	0.0248433	0.0168344	0.384886	-2.59817	0.319684	0.714165	-1.40024	0.448264	0.776469	-1.28788	0.0376229	0.45406	-2.20235	0.236845	0.666489	-1.5004	0.00533896	0.300765	-3.32485	0.00212559	0.243288	-4.11036	0.135617	0.590653	-1.69304	0.314576	0.711447	-1.40559	4.36677	7.41189	1.50875	1
cg17008052	BRMS1;BRMS1;BRMS1;BRMS1	0.0134154	0.439396	0.95807	-1.04377	0.205538	0.930027	-1.07524	0.00374329	0.808469	-1.23691	0.514319	0.964718	-1.03657	0.737629	1.01843	1.01843	0.293631	1.06096	1.06096	0.00229728	0.793374	-1.26044	0.0620748	1.12087	1.12087	0.306736	1.05916	1.05916	5.37457	0.251133	0.0415344	1
cg01857342	BRMS1L	1.20E-05	0.0282166	1.42526	1.42526	0.000170052	2.39729	2.39729	0.00019191	2.36095	2.36095	0.153069	1.23276	1.23276	5.23E-07	0.147897	-6.76145	0.0417888	0.725497	-1.37837	0.229643	1.18813	1.18813	0.574278	0.925312	-1.08072	0.162119	0.815355	-1.22646	38.6811	11.4578	0.263299	1
cg16246382	BRMS1L	9.10E-05	0.548663	1.0951	1.0951	0.0566615	1.38117	1.38117	0.233031	0.829295	-1.20584	0.105566	1.30299	1.30299	0.864931	1.02581	1.02581	0.990856	0.998286	-1.00172	9.97E-07	0.146008	-6.84896	0.220453	1.21268	1.21268	0.612175	0.926329	-1.07953	22.7026	8.05617	0.315427	1
cg01652953	BRMS1L	0.00171166	0.0433347	0.508962	-1.96478	0.00494001	3.32739	3.32739	0.000205347	11.2124	11.2124	?	?	?	0.0464935	0.516506	-1.93608	?	?	?	0.274203	1.36113	1.36113	0.00528144	3.26509	3.26509	0.133307	1.56795	1.56795	22.474	17.7011	0.562591	1
cg11089837	BRMS1L	0.0159897	0.956298	1.0188	1.0188	0.0956816	1.86261	1.86261	0.000319477	7.24242	7.24242	0.388971	0.740787	-1.34992	0.102839	1.83402	1.83402	0.10277	1.83429	1.83429	0.855506	0.939932	-1.06391	0.914306	0.964079	-1.03726	0.805242	1.08758	1.08758	5.07208	9.27782	1.62595	1
cg00413849	BRP44;BRP44;DCAF6;DCAF6;BRP44	0.0159048	0.761934	0.939393	-1.06452	0.0281574	0.586581	-1.7048	0.00683656	0.486318	-2.05627	0.823346	1.04708	1.04708	0.994907	0.998687	-1.00131	0.576742	1.12303	1.12303	0.011951	1.9067	1.9067	0.0426835	0.618702	-1.61629	0.0256645	0.579617	-1.72528	5.08106	3.40742	0.5961	1
cg07826235	BRP44;DCAF6;BRP44;BRP44;DCAF6	0.000881778	0.00285913	0.240947	-4.1503	0.0646521	2.05375	2.05375	0.737358	1.1238	1.1238	0.805645	0.918067	-1.08924	0.122848	0.560065	-1.78551	0.766818	1.10862	1.10862	2.14E-05	0.0514968	-19.4187	0.211682	1.57814	1.57814	0.888932	0.9527	-1.04965	12.1929	23.2207	1.69284	1
cg07908946	BRP44;DCAF6;BRP44;BRP44;DCAF6	0.00705558	0.662854	1.17565	1.17565	0.00480322	0.235943	-4.2383	0.279641	1.51692	1.51692	0.255497	0.643792	-1.5533	0.22928	0.626016	-1.5974	0.11251	0.52457	-1.90632	0.00425856	0.228042	-4.38516	0.00463773	4.2804	4.2804	0.104738	1.9397	1.9397	7.57813	15.9572	1.63776	1
cg04114368	BRP44;DCAF6;BRP44;BRP44;DCAF6	0.0388065	0.039755	0.70962	-1.40921	0.00708512	1.65207	1.65207	0.0963212	1.30142	1.30142	0.461628	1.11419	1.11419	0.383538	0.879042	-1.1376	0.576321	1.08486	1.08486	0.0876825	0.76187	-1.31256	0.202678	0.823616	-1.21416	0.647508	0.935737	-1.06868	3.72437	1.22793	0.293068	1
cg16866653	BRP44L	0.000138741	0.31929	1.27451	1.27451	0.154211	1.43256	1.43256	0.53617	1.15909	1.15909	0.00969981	2.16226	2.16226	0.0237181	1.88949	1.88949	0.0920796	1.54808	1.54808	2.88E-06	0.0715502	-13.9762	0.510896	1.17018	1.17018	0.0809699	1.57779	1.57779	20.2786	17.8387	0.781938	1
cg11384188	BRP44L	0.00027133	0.634016	0.936765	-1.0675	8.79E-05	2.60461	2.60461	0.491304	0.909184	-1.09989	0.111409	0.789653	-1.26638	0.0629165	0.75204	-1.32972	0.101553	0.78337	-1.27654	2.41E-05	0.317826	-3.14638	0.30174	0.864399	-1.15687	0.629286	1.06849	1.06849	16.9081	4.96738	0.261144	1
cg16950487	BRP44L	0.00815301	0.000189439	0.297046	-3.36648	0.220303	1.28218	1.28218	0.289432	1.23625	1.23625	0.180792	0.760274	-1.31531	0.700825	1.0773	1.0773	0.269327	0.801016	-1.24842	0.362413	0.834807	-1.19788	0.877689	0.970733	-1.03015	0.122433	1.38106	1.38106	6.30642	3.71561	0.523714	1
cg16434372	BRP44L	0.0146661	0.235876	0.846897	-1.18078	0.164227	0.819915	-1.21964	0.031008	1.40319	1.40319	0.820405	0.970038	-1.03089	0.442067	0.900451	-1.11055	0.148287	1.23053	1.23053	0.000970065	1.9287	1.9287	0.0567865	1.33433	1.33433	0.570429	0.926155	-1.07973	5.21937	1.47939	0.25195	1
cg11811655	BRP44L	0.0217386	0.982721	0.99728	-1.00273	0.0284359	1.38444	1.38444	0.125885	1.23159	1.23159	0.715808	0.955052	-1.04706	0.219801	0.850194	-1.1762	0.763832	1.03863	1.03863	0.00190736	0.575176	-1.7386	0.124447	1.23273	1.23273	0.246049	1.16485	1.16485	4.57264	1.14575	0.222725	1
cg08849330	BRP44L	0.0317747	0.0582411	0.765387	-1.30653	0.797736	0.968427	-1.0326	0.305938	1.14159	1.14159	0.120134	1.23444	1.23444	0.19099	0.841163	-1.18883	0.74658	1.04134	1.04134	0.00265689	0.594968	-1.68076	0.186371	1.19125	1.19125	0.19312	0.84194	-1.18773	4.00398	0.989631	0.219699	1
cg01205391	BRP44L	0.0356155	0.433276	0.817115	-1.22382	0.228876	1.37569	1.37569	0.775334	1.07495	1.07495	0.337692	0.779073	-1.28358	0.422551	0.813084	-1.22989	0.0114949	0.449976	-2.22234	0.0152909	0.471335	-2.12163	0.603088	1.14168	1.14168	0.0255742	1.95428	1.95428	3.84278	3.88294	0.898178	1
cg05913197	BRP44L;BRP44L	0.0240775	0.13511	1.23441	1.23441	0.0715974	1.30086	1.30086	0.739497	0.957308	-1.0446	0.159096	1.21745	1.21745	0.22285	0.845801	-1.18231	0.474873	0.909365	-1.09967	0.00263255	0.580249	-1.7234	0.912017	1.01456	1.01456	0.047901	1.34407	1.34407	4.41447	1.1951	0.240644	1
cg13312668	BRPF1;BRPF1	2.21E-05	0.418239	0.901805	-1.10889	0.0837582	1.27014	1.27014	0.0179294	1.43251	1.43251	1.08E-06	0.203834	-4.90596	0.895663	0.983739	-1.01653	7.12E-05	0.40464	-2.47133	0.00106284	1.83056	1.83056	0.170536	1.20005	1.20005	0.153172	1.21062	1.21062	33.0034	8.16086	0.219798	1
cg27090988	BRPF1;BRPF1	0.000206155	0.0568107	0.579779	-1.72479	0.0116165	0.45036	-2.22044	0.000268737	0.220557	-4.53398	0.0121122	0.453449	-2.20532	5.07E-06	0.0724126	-13.8097	0.375107	1.25883	1.25883	0.0138203	0.463298	-2.15844	0.188229	0.702885	-1.42271	0.0026273	0.348869	-2.86641	18.2207	18.4513	0.900136	1
cg25467642	BRPF1;BRPF1	0.000255343	0.0169737	0.387671	-2.57951	0.672947	1.14819	1.14819	0.584097	0.83533	-1.19713	0.662111	1.15387	1.15387	0.790151	1.09069	1.09069	2.85E-06	0.026096	-38.32	0.243207	1.48805	1.48805	0.168888	0.620574	-1.61141	0.269358	1.45411	1.45411	17.1906	28.8428	1.4914	1
cg26227975	BRPF1;BRPF1	0.00037972	0.00896422	0.745169	-1.34198	0.786416	1.02433	1.02433	0.29534	0.908428	-1.1008	0.00824192	0.741528	-1.34857	0.0239448	0.787883	-1.26922	0.000425931	0.61034	-1.63843	0.000123517	0.552924	-1.80857	0.0641868	1.20209	1.20209	0.0016854	1.48771	1.48771	15.4197	1.91259	0.110254	1
cg13347679	BRPF1;BRPF1	0.000586504	0.826992	1.05082	1.05082	0.0960204	1.51276	1.51276	2.25E-05	0.146058	-6.84662	0.028707	1.79375	1.79375	0.0290442	1.79079	1.79079	0.0954068	1.51414	1.51414	0.0162512	0.513992	-1.94555	0.321957	0.793185	-1.26074	0.153035	1.41414	1.41414	13.6703	11.1023	0.721905	1
cg17871757	BRPF1;BRPF1	0.0040172	0.190105	0.868904	-1.15087	0.101969	0.834215	-1.19873	0.0297893	0.771862	-1.29557	0.133613	1.17802	1.17802	0.782233	1.02846	1.02846	0.0213344	0.755668	-1.32333	0.000204122	0.532387	-1.87833	0.0433679	1.26526	1.26526	0.518805	0.935912	-1.06848	7.84234	1.27363	0.14436	1
cg14572581	BRPF1;BRPF1	0.00530352	0.439265	1.10783	1.10783	0.335057	0.878925	-1.13775	0.14544	0.816329	-1.225	0.00136765	0.547121	-1.82775	0.00277381	0.585318	-1.70847	0.00152648	0.553038	-1.8082	0.142244	0.814808	-1.22728	0.365288	1.12835	1.12835	0.47025	1.10006	1.10006	7.20752	1.92378	0.237256	1
cg14734200	BRPF1;BRPF1	0.0181388	0.401424	1.19457	1.19457	0.000360921	0.305983	-3.26816	0.511615	1.14775	1.14775	0.548086	1.13408	1.13408	0.581238	1.12224	1.12224	0.47056	0.859024	-1.16411	0.190774	1.33215	1.33215	0.977163	0.994092	-1.00594	0.488231	0.864353	-1.15693	4.86255	3.30039	0.603321	1
cg16449402	BRPF1;BRPF1	0.0270501	0.199388	0.662876	-1.50858	0.00716467	2.8659	2.8659	0.150275	1.59619	1.59619	0.750117	0.907652	-1.10174	0.0735993	0.546157	-1.83098	0.0598623	0.525262	-1.90381	0.0196502	0.425413	-2.35066	0.497522	0.811512	-1.23227	0.995364	0.99824	-1.00176	4.2389	6.17351	1.29457	1
cg17738494	BRPF1;BRPF1	0.0312133	0.988261	1.00239	1.00239	0.449264	1.13355	1.13355	0.0013318	2.13517	2.13517	0.693648	1.06648	1.06648	0.0422218	1.46293	1.46293	0.797737	1.04264	1.04264	0.1999	0.80239	-1.24628	0.144646	0.77513	-1.29011	0.515547	1.11315	1.11315	4.02956	1.68685	0.372105	1
cg14712964	BRPF1;BRPF1;BRPF1;BRPF1	0.00701885	0.0564385	0.852502	-1.17302	0.817214	1.01725	1.01725	0.124296	1.13084	1.13084	0.000485063	0.667548	-1.49802	0.769205	1.02198	1.02198	0.130581	1.12821	1.12821	0.0214445	0.815324	-1.22651	0.0462854	0.84478	-1.18374	0.382117	1.06847	1.06847	6.60957	0.571456	0.0768523	1
cg09411715	BRPF3	0.000808052	0.137297	0.661264	-1.51226	0.000300083	0.218763	-4.57117	0.00421024	0.371394	-2.69256	0.582491	1.15429	1.15429	0.00138274	0.30167	-3.31488	0.0386912	0.538607	-1.85664	0.00033971	0.224955	-4.44533	0.463933	1.21245	1.21245	0.000893801	0.276515	-3.61644	12.4968	13.2186	0.940228	1
cg03573179	BRPF3	0.00259639	0.0394581	1.8084	1.8084	0.00437778	2.57671	2.57671	0.00965917	2.25797	2.25797	0.573304	1.15204	1.15204	0.0114422	0.455195	-2.19686	0.00107172	0.300641	-3.32623	0.63606	1.12587	1.12587	0.133753	1.49514	1.49514	0.154234	1.46128	1.46128	8.93194	8.74999	0.870782	1
cg23482986	BRPF3	0.00569174	0.00114937	1.88703	1.88703	0.57918	0.928258	-1.07729	0.0629543	0.757298	-1.32048	0.108185	1.26226	1.26226	0.0240808	0.699402	-1.42979	0.0894138	0.779676	-1.28258	0.0820498	1.2918	1.2918	0.0426688	0.73337	-1.36357	0.0834025	0.775167	-1.29004	7.05288	1.97267	0.24862	1
cg23517469	BRPF3	0.0133129	0.23893	1.1954	1.1954	0.527911	0.911609	-1.09696	0.806901	0.965183	-1.03607	0.00231944	0.54029	-1.85086	0.240416	0.837057	-1.19466	0.0119723	0.635277	-1.57412	0.00459318	0.57929	-1.72625	0.650409	1.06825	1.06825	0.286018	1.17391	1.17391	5.38808	1.78701	0.294808	1
cg14654948	BRPF3	0.0210204	0.681772	0.925006	-1.08107	0.941874	1.01388	1.01388	0.237823	1.26339	1.26339	0.00626963	0.509988	-1.96083	0.102355	0.713195	-1.40214	0.193337	1.29726	1.29726	0.0374287	0.633428	-1.57871	0.954486	1.01085	1.01085	0.00424362	0.484983	-2.06193	4.62549	2.61894	0.503286	1
cg05882415	BRPF3	0.0371201	0.445961	1.10154	1.10154	0.726608	0.957245	-1.04466	0.179948	1.19396	1.19396	0.36298	0.890134	-1.12343	0.0408836	1.34149	1.34149	0.00602634	1.56305	1.56305	0.0307648	0.729193	-1.37138	0.199085	1.18401	1.18401	0.782025	0.966063	-1.03513	3.78539	0.928985	0.218145	1
cg04790097	BRS3	0.00331898	0.362891	0.663219	-1.5078	0.190443	0.543969	-1.83834	0.00439741	0.188268	-5.31157	0.18725	0.541291	-1.84744	0.0115814	0.250023	-3.99963	0.659764	1.21476	1.21476	8.69E-05	0.0454352	-22.0094	0.85994	1.08065	1.08065	0.0500093	0.374771	-2.6683	8.30456	25.3632	2.71478	1
cg17293395	BRS3	0.00536749	0.0676689	0.415038	-2.40942	0.0550398	0.392754	-2.54613	0.0193355	0.296641	-3.37107	0.244794	0.592921	-1.68656	0.00835301	0.235064	-4.25415	0.167832	0.53179	-1.88044	0.000272733	0.0771084	-12.9688	0.00184211	0.149558	-6.68636	0.26956	0.61022	-1.63875	7.18109	20.9904	2.59823	1
cg11675245	BRS3	0.0324543	0.0348794	0.206923	-4.8327	0.0207605	0.168032	-5.95124	0.295458	0.499007	-2.00398	0.478003	0.629902	-1.58755	0.0343155	0.205582	-4.86423	0.177105	0.398851	-2.5072	0.00259147	0.0689354	-14.5063	0.0185811	0.160648	-6.22478	0.229983	0.446213	-2.24108	3.97376	25.8356	5.77916	1
cg12845419	BRS3	0.0407952	0.130194	0.542011	-1.84498	0.134549	0.546319	-1.83043	0.0578515	0.447747	-2.23341	0.0530595	0.438826	-2.27881	0.0220085	0.357262	-2.79906	0.0662404	0.462102	-2.16403	0.00332061	0.223549	-4.4733	0.0338107	0.395114	-2.53092	0.156593	0.566788	-1.76433	3.6565	8.13053	1.97652	1
cg15016628	BRS3;BRS3	0.00187245	0.178452	0.619046	-1.61539	0.00109626	0.198852	-5.02887	0.0677179	0.503323	-1.9868	0.910966	1.03824	1.03824	0.010458	0.339198	-2.94813	0.0262861	0.413093	-2.42076	0.000366317	0.147385	-6.78493	0.0094852	3.01188	3.01188	0.854637	0.940333	-1.06345	9.82854	17.5171	1.58424	1
cg20640182	BRSK1	0.000136909	0.85044	1.0348	1.0348	0.00094887	0.409479	-2.44213	0.0114533	0.563645	-1.77417	0.939595	1.01383	1.01383	4.35E-06	0.146601	-6.82123	0.000269257	0.338591	-2.95342	0.0022002	0.45938	-2.17685	0.784279	1.05098	1.05098	0.696232	0.931371	-1.07369	20.3512	10.5841	0.462286	1
cg08199563	BRSK1	0.000393899	0.324393	0.870816	-1.14835	0.758993	1.04271	1.04271	0.341971	1.14234	1.14234	0.686023	1.05679	1.05679	8.43E-06	0.267516	-3.73809	0.0488123	1.35773	1.35773	0.00890099	1.57207	1.57207	0.0823672	1.29893	1.29893	0.708624	0.950257	-1.05235	15.2647	4.46614	0.26007	1
cg10135753	BRSK1	0.000937873	0.106831	1.28956	1.28956	0.159279	1.24268	1.24268	0.452722	1.11683	1.11683	0.127274	1.26896	1.26896	0.00115835	0.501911	-1.99239	0.000440768	0.448571	-2.2293	0.713235	0.948079	-1.05476	0.00235454	1.84584	1.84584	0.00763257	0.609307	-1.64121	11.9823	3.95928	0.293715	1
cg17320282	BRSK1	0.0014241	0.00495393	0.431948	-2.31509	5.61E-05	0.184667	-5.41515	0.402597	0.824279	-1.21318	0.0828739	1.54226	1.54226	0.136445	1.43615	1.43615	0.0324421	0.568417	-1.75927	0.112851	1.47601	1.47601	0.802957	0.945158	-1.05802	0.376457	0.814843	-1.22723	10.6373	8.57447	0.716515	1
cg02357741	BRSK1	0.00185113	0.800363	0.898584	-1.11286	0.00920347	4.03656	4.03656	0.118553	2.04435	2.04435	0.00105192	7.73263	7.73263	0.000429606	10.5006	10.5006	0.748105	0.872863	-1.14565	0.000544773	9.6571	9.6571	0.85718	0.926795	-1.07899	0.043351	2.66612	2.66612	9.8613	27.8154	2.50725	1
cg04607867	BRSK1	0.0207316	0.618654	1.13634	1.13634	0.427826	1.22898	1.22898	0.0113385	2.2423	2.2423	0.0287478	1.92895	1.92895	0.0644654	0.589164	-1.69732	0.812746	1.06231	1.06231	0.0062934	2.47546	2.47546	0.0216617	2.01819	2.01819	0.121582	1.53338	1.53338	4.64738	4.77481	0.913261	1
cg21974750	BRSK1	0.0255755	0.182325	0.648553	-1.54189	0.370358	0.754711	-1.32501	0.503148	0.812311	-1.23106	0.0296233	2.18885	2.18885	0.163629	0.634584	-1.57584	0.0127156	0.38781	-2.57858	0.00321373	0.29223	-3.42197	0.861793	0.948087	-1.05475	0.459966	0.794413	-1.25879	4.32284	6.4076	1.31757	1
cg19642230	BRSK1	0.0307669	0.104353	0.59557	-1.67906	0.702256	1.11864	1.11864	0.0491537	1.9261	1.9261	0.00230551	0.288489	-3.46633	0.102629	0.593742	-1.68423	0.548132	0.837456	-1.19409	0.583246	0.850667	-1.17555	0.19652	1.48974	1.48974	0.987156	0.995313	-1.00471	4.05031	5.46555	1.19948	1
cg15786971	BRSK1	0.0341591	0.182783	0.723739	-1.38171	0.372451	1.23295	1.23295	0.107607	1.4942	1.4942	0.0568087	0.610777	-1.63726	0.12941	0.687489	-1.45457	0.226676	0.74804	-1.33683	0.0678227	1.5965	1.5965	0.0105935	2.08583	2.08583	0.455895	1.18967	1.18967	3.90127	3.23168	0.736325	1
cg24351452	BRSK1	0.035036	0.469634	1.45841	1.45841	0.032709	3.60318	3.60318	0.125066	2.34355	2.34355	0.210563	1.96745	1.96745	0.624103	0.776195	-1.28834	0.495886	1.42573	1.42573	0.30753	0.58168	-1.71916	0.00276185	8.31388	8.31388	0.0218999	4.09879	4.09879	3.86569	16.1098	3.70433	1
cg16022876	BRSK2	1.82E-06	0.0258393	1.28032	1.28032	2.84E-07	4.105	4.105	4.59E-05	2.05276	2.05276	0.0970822	1.18537	1.18537	4.03E-05	0.480859	-2.07961	1.32E-05	0.426263	-2.34597	0.00269464	0.678949	-1.47287	0.00281805	1.46847	1.46847	0.0451246	0.80681	-1.23945	62.954	8.69479	0.122767	1
cg19713911	BRSK2	0.000139532	0.000777885	0.3486	-2.86862	0.00196293	0.403722	-2.47695	0.0941242	1.46445	1.46445	8.52E-05	4.32008	4.32008	0.000231788	0.281835	-3.54818	0.108824	1.4369	1.4369	0.00734309	2.04677	2.04677	0.314427	0.806036	-1.24064	0.0900687	0.678941	-1.47288	20.2476	13.7766	0.604806	1
cg09167291	BRSK2	0.000151886	0.00137851	0.503863	-1.98467	0.0147788	1.55765	1.55765	0.211966	1.2144	1.2144	0.511132	0.906229	-1.10347	2.97E-05	0.298745	-3.34733	0.199124	1.22195	1.22195	0.000250513	2.441	2.441	0.00626999	1.6924	1.6924	0.727677	0.949664	-1.053	19.7902	6.84123	0.307279	1
cg00370047	BRSK2	0.000425996	0.00564039	2.16571	2.16571	0.0110376	1.97018	1.97018	0.0188205	1.83192	1.83192	0.022177	1.79197	1.79197	0.00303789	0.421526	-2.37233	0.0151788	1.88602	1.88602	0.000582988	3.09931	3.09931	6.71E-05	4.72669	4.72669	0.866051	1.03656	1.03656	14.9384	10.7057	0.637031	1
cg18039789	BRSK2	0.000949638	0.275973	0.826326	-1.21018	0.00697356	0.555711	-1.7995	0.0391353	1.4946	1.4946	0.2827	0.828691	-1.20672	0.0202525	1.60199	1.60199	5.53E-05	0.282851	-3.53543	0.0236586	1.57579	1.57579	0.340917	0.84772	-1.17963	0.311442	0.838383	-1.19277	11.9401	5.35862	0.398928	1
cg26677995	BRSK2	0.00146572	0.955878	0.991331	-1.00874	0.25453	1.20588	1.20588	7.80E-05	3.07989	3.07989	0.90911	1.01813	1.01813	0.170662	0.794864	-1.25808	0.00963992	0.597187	-1.67452	0.0188325	0.639066	-1.56478	0.917552	0.983838	-1.01643	0.0227759	1.53551	1.53551	10.5495	4.13717	0.348592	1
cg19613205	BRSK2	0.00196537	0.379143	0.803611	-1.24438	0.000527072	3.70154	3.70154	0.00161482	2.99056	2.99056	0.0185503	1.99737	1.99737	0.611791	0.883358	-1.13204	0.0268992	0.529865	-1.88727	0.0175209	2.01498	2.01498	0.0055055	2.42121	2.42121	0.573681	1.1477	1.1477	9.69107	9.01286	0.826681	1
cg23163513	BRSK2	0.00240704	0.98664	0.996384	-1.00363	0.541164	1.14319	1.14319	0.0207509	1.82634	1.82634	0.0850043	1.50987	1.50987	0.0394402	0.597252	-1.67434	0.167237	1.37509	1.37509	0.0421425	0.602596	-1.65949	0.000101003	4.44088	4.44088	0.442952	0.844311	-1.1844	9.13325	6.77024	0.65891	1
cg12186219	BRSK2	0.00725107	0.0748585	1.68312	1.68312	0.0257951	2.0031	2.0031	0.00999921	2.34774	2.34774	0.00211478	3.10825	3.10825	0.10437	1.59342	1.59342	0.164801	1.47534	1.47534	0.00497656	2.65286	2.65286	0.00193351	3.16226	3.16226	0.00794293	2.44287	2.44287	6.54275	7.136	0.969488	1
cg03156651	BRSK2	0.00871261	0.588185	0.939934	-1.0639	0.0511185	1.28621	1.28621	0.466793	1.08753	1.08753	0.985865	1.00201	1.00201	0.546346	1.07162	1.07162	0.195033	1.16802	1.16802	0.000639178	1.81127	1.81127	0.247509	0.87197	-1.14683	0.00820607	0.681666	-1.46699	6.17557	1.25576	0.180749	1
cg26367591	BRSK2	0.0105327	0.271097	1.26811	1.26811	0.00788604	0.493331	-2.02704	0.157547	0.731024	-1.36794	0.210677	1.31446	1.31446	0.706932	1.08145	1.08145	0.167334	0.737019	-1.35682	0.00687673	2.06568	2.06568	0.0176365	0.549634	-1.81939	0.0616919	1.54695	1.54695	5.81312	3.95672	0.605025	1
cg01623485	BRSK2	0.0112826	0.753657	1.0406	1.0406	0.00149439	1.78395	1.78395	0.00251582	1.69963	1.69963	0.597644	0.934884	-1.06965	0.109141	1.24714	1.24714	0.493576	1.09187	1.09187	0.00857134	1.52793	1.52793	0.496237	0.916368	-1.09126	0.334219	1.13418	1.13418	5.68582	1.43915	0.224988	1
cg18509719	BRSK2	0.0117811	0.00359172	5.02647	5.02647	0.00124773	7.75823	7.75823	0.534147	1.23233	1.23233	0.0151508	3.11013	3.11013	0.159586	1.67695	1.67695	0.299173	1.43696	1.43696	0.00382533	4.91003	4.91003	0.0125533	3.29201	3.29201	0.0589389	2.14397	2.14397	9.43941	14.8551	0.874294	1
cg00341950	BRSK2	0.0169205	0.0301132	0.407631	-2.4532	0.7554	1.11623	1.11623	0.305065	1.4531	1.4531	0.682921	1.15547	1.15547	0.00533549	0.27487	-3.63808	0.0217129	0.379255	-2.63675	0.00849028	0.306638	-3.26117	0.929344	1.0317	1.0317	0.0242023	0.388476	-2.57416	4.97728	9.75939	1.74292	1
cg17018661	BRSK2	0.0222209	0.0714327	1.78549	1.78549	0.00309196	3.20832	3.20832	0.00392251	3.05785	3.05785	0.136569	1.58695	1.58695	0.348195	1.32062	1.32062	0.220723	1.44875	1.44875	0.0144035	2.38329	2.38329	0.0254689	2.14802	2.14802	0.226063	1.44199	1.44199	4.53835	5.9593	1.1672	1
cg12064373	BRSK2	0.0252722	0.183946	1.49098	1.49098	0.00118252	3.84926	3.84926	0.0275583	2.09265	2.09265	0.724649	1.10541	1.10541	0.549736	1.18709	1.18709	0.616614	1.15378	1.15378	0.0406375	1.95394	1.95394	0.0150678	2.33155	2.33155	0.936508	1.02283	1.02283	4.34084	5.52066	1.13049	1
cg17416644	BRSK2	0.0291313	0.399698	1.5559	1.5559	0.00174745	9.85356	9.85356	0.0045326	6.95283	6.95283	0.369043	1.60488	1.60488	0.90912	0.94313	-1.0603	0.807199	1.13357	1.13357	0.256018	1.83668	1.83668	0.0695247	2.83188	2.83188	0.975969	1.01556	1.01556	4.12962	17.1956	3.70131	1
cg05584361	BRSK2	0.029402	0.0472978	2.01806	2.01806	0.458589	1.26299	1.26299	0.414272	0.77245	-1.29458	0.0197016	2.39038	2.39038	0.010384	0.368424	-2.71426	0.206004	1.5109	1.5109	0.0955847	1.76191	1.76191	0.1688	1.57397	1.57397	0.351098	0.743117	-1.34568	4.11612	6.23938	1.34741	1
cg11772193	BRSK2	0.0321131	0.829203	0.966532	-1.03463	0.769419	1.04741	1.04741	0.325759	1.17337	1.17337	0.00912495	1.6852	1.6852	0.0962294	0.749904	-1.3335	0.215383	1.2281	1.2281	0.00404496	1.83727	1.83727	0.079791	1.35843	1.35843	0.672222	1.06936	1.06936	3.98884	1.56846	0.349523	1
cg03817164	BRSK2	0.0324434	0.434821	1.56525	1.56525	0.00199633	11.6304	11.6304	0.00282567	10.0987	10.0987	0.359058	1.69938	1.69938	0.140896	2.43639	2.43639	0.389769	1.6414	1.6414	0.292421	1.84815	1.84815	0.431258	1.57094	1.57094	0.636908	1.3065	1.3065	3.97424	19.9002	4.45094	1
cg17429870	BRSK2	0.0389191	0.0914941	2.68771	2.68771	0.0306099	3.86315	3.86315	0.0318325	3.81326	3.81326	0.0725368	2.90379	2.90379	0.228425	1.95922	1.95922	0.374251	1.62456	1.62456	0.00427048	7.64384	7.64384	0.0230932	4.24344	4.24344	0.0345163	3.7123	3.7123	3.72042	16.6787	3.9849	1
cg15803845	BRSK2	0.0395176	0.84282	1.08373	1.08373	0.00882817	3.85839	3.85839	0.0126242	3.51108	3.51108	0.187196	0.567688	-1.76153	0.104882	0.487837	-2.04987	0.440144	0.726982	-1.37555	0.350979	1.47519	1.47519	0.15666	1.84706	1.84706	0.683546	1.18056	1.18056	3.69962	9.61142	2.30929	1
cg16274762	BRSK2	0.0423139	0.742481	0.937471	-1.0667	0.0106887	0.533453	-1.87458	0.131143	1.37602	1.37602	0.683572	1.08356	1.08356	0.058982	0.658622	-1.51832	0.212438	0.773221	-1.29329	0.010507	0.532289	-1.87868	0.660272	1.09048	1.09048	0.607774	1.1067	1.1067	3.60735	2.19108	0.539906	1
cg21919719	BRSK2	0.0433469	0.101339	0.612271	-1.63326	0.126973	1.57049	1.57049	0.0933278	1.65661	1.65661	0.693214	0.897244	-1.11452	0.0306134	0.499253	-2.00299	0.76385	1.08588	1.08588	0.0155142	0.444046	-2.25202	0.138194	1.5473	1.5473	0.640733	0.879389	-1.13715	3.57514	4.23436	1.05279	1
cg04984852	BRSK2	0.0462993	0.0475942	4.5346	4.5346	0.0134709	7.6996	7.6996	0.0180285	6.80058	6.80058	0.0810891	3.63444	3.63444	0.136056	2.92052	2.92052	0.301532	2.04258	2.04258	0.0178635	6.82711	6.82711	0.0462702	4.58791	4.58791	0.0355387	5.11841	5.11841	3.48808	24.5944	6.26753	1
cg14064268	BRSK2	0.0499758	0.159428	2.11195	2.11195	0.0171524	4.23882	4.23882	0.0234946	3.8398	3.8398	0.0549946	2.95035	2.95035	0.472188	1.4385	1.4385	0.233333	1.8614	1.8614	0.0164584	4.29458	4.29458	0.018783	4.11908	4.11908	0.0535354	2.97495	2.97495	3.38875	13.2689	3.4805	1
cg16705205	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	2.26E-05	0.0545558	0.638239	-1.56681	0.158332	0.733075	-1.36412	0.000367164	0.308885	-3.23745	0.000985	0.364773	-2.74143	0.00330239	0.438665	-2.27964	0.00385486	0.448553	-2.22939	6.62E-07	0.0613632	-16.2964	0.00560537	2.11452	2.11452	0.000182652	0.271788	-3.67933	32.8139	22.0317	0.596813	1
cg20205227	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.000265338	0.0141786	0.529273	-1.88939	0.0286771	0.581219	-1.72052	0.00301454	0.425301	-2.35128	0.803591	0.948959	-1.05379	0.00020726	0.270935	-3.69092	0.454662	1.17364	1.17364	9.51E-06	0.134404	-7.44025	0.429365	1.18484	1.18484	0.400671	0.83455	-1.19825	17.0115	11.909	0.622272	1
cg25023275	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00238834	0.628839	1.06015	1.06015	0.0033772	1.61291	1.61291	0.0641086	1.28339	1.28339	0.0404947	1.32807	1.32807	0.237866	0.862198	-1.15983	0.562378	1.07276	1.07276	0.000221693	0.478295	-2.09076	0.131141	1.21587	1.21587	0.117023	1.22653	1.22653	9.15419	2.08491	0.202449	1
cg25216403	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00286798	0.876426	1.04347	1.04347	0.608201	0.868145	-1.15188	0.0761637	0.582986	-1.71531	0.387721	1.27392	1.27392	0.791426	1.07517	1.07517	0.0128873	2.32646	2.32646	0.092357	0.602564	-1.65958	0.0695078	0.573961	-1.74228	0.000120806	6.27645	6.27645	8.67314	10.272	1.05275	1
cg14839351	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00395486	0.0349578	0.425884	-2.34806	0.524221	1.25129	1.25129	0.988998	1.0048	1.0048	?	?	?	?	?	?	0.000651004	0.162707	-6.14603	0.00755275	3.29967	3.29967	0.0957188	1.88819	1.88819	0.733876	1.12584	1.12584	8.26855	12.2887	1.69852	1
cg18161374	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00425031	0.305564	1.46695	1.46695	0.0305543	0.399353	-2.50405	0.0200269	0.362882	-2.75571	0.00715665	3.50551	3.50551	0.0807056	2.01299	2.01299	0.359776	1.40506	1.40506	0.00120651	0.180425	-5.54245	0.579455	0.816942	-1.22408	0.0427657	0.430706	-2.32177	7.7099	15.9298	1.83657	1
cg02345961	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00623173	0.00591114	5.23712	5.23712	0.0374375	3.03541	3.03541	0.0159269	3.88575	3.88575	0.0585734	2.67113	2.67113	0.00648486	5.0892	5.0892	0.0176332	3.77173	3.77173	0.00421325	5.82455	5.82455	0.000845713	10.0468	10.0468	0.0585703	2.67117	2.67117	6.85836	22.9651	2.97642	1
cg11900210	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0065776	0.364367	0.87051	-1.14875	0.0320289	1.45313	1.45313	0.00214605	0.526582	-1.89904	0.155342	0.797547	-1.25385	0.218895	0.824994	-1.21213	0.141358	0.790325	-1.2653	0.557158	0.915454	-1.09235	0.256187	1.19284	1.19284	0.000902747	0.47765	-2.09359	6.74448	2.36435	0.31161	1
cg07600871	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00736614	0.00076049	0.138823	-7.2034	0.0160192	3.12966	3.12966	0.163071	1.77918	1.77918	0.184076	0.579671	-1.72512	0.222323	0.608766	-1.64267	0.292013	1.52667	1.52667	0.0156098	0.317488	-3.14973	0.61099	1.21959	1.21959	0.914932	0.959493	-1.04222	6.51061	15.4421	2.10829	1
cg06370528	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00750972	0.00181735	0.199416	-5.01464	0.0431195	0.428957	-2.33124	0.0741027	0.484834	-2.06256	0.0176929	0.35016	-2.85583	0.000532211	0.140645	-7.11012	0.0183389	0.353071	-2.83229	0.0574761	0.457727	-2.18471	0.114709	0.535822	-1.86629	0.389812	0.725763	-1.37786	6.47138	13.5598	1.86253	1
cg05649108	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.00798372	0.0322562	8.81824	8.81824	0.0418063	7.6657	7.6657	0.29821	2.55004	2.55004	0.155498	3.74113	3.74113	0.0214106	11.0203	11.0203	0.0728877	5.67905	5.67905	0.000499555	112.972	112.972	0.00256459	37.7254	37.7254	0.0185827	11.911	11.911	6.34822	75.7691	10.6093	1
cg11760198	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0105692	0.0736871	2.48663	2.48663	0.0570378	2.6745	2.6745	0.789089	0.884716	-1.13031	0.339033	1.56867	1.56867	0.0199485	3.60866	3.60866	0.100611	2.27431	2.27431	0.000631323	11.0203	11.0203	0.00430372	5.72082	5.72082	0.0424745	2.90783	2.90783	5.80666	19.1957	2.93849	1
cg15507719	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0110471	0.00448889	0.212657	-4.70241	0.984967	0.992331	-1.00773	0.959553	1.02094	1.02094	0.0668126	0.431849	-2.31563	0.00230502	0.175472	-5.69892	0.627509	1.22117	1.22117	0.00269704	0.18377	-5.44159	0.146607	0.529054	-1.89016	0.103552	0.48313	-2.06984	5.72464	15.1387	2.35065	1
cg12161122	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0121957	0.115266	1.24494	1.24494	0.279607	1.15467	1.15467	0.742673	1.04305	1.04305	0.753722	0.960531	-1.04109	0.116642	0.804025	-1.24374	0.0111929	1.50189	1.50189	0.000945613	0.532179	-1.87907	0.964061	1.00578	1.00578	0.461023	0.908444	-1.10078	5.5443	1.4375	0.230467	1
cg14477514	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0123872	0.620884	0.886534	-1.12799	0.00234892	2.78846	2.78846	0.0294283	1.85811	1.85811	0.23197	0.738729	-1.35368	0.0284112	0.53533	-1.86801	0.287515	1.30573	1.30573	0.0123675	2.12183	2.12183	0.509771	1.17531	1.17531	0.677758	0.903987	-1.10621	5.51629	5.09803	0.821491	1
cg19026976	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0131761	0.92561	1.03681	1.03681	0.346344	1.45556	1.45556	0.1143	1.94432	1.94432	0.807249	0.909718	-1.09924	0.059641	0.439206	-2.27683	0.146561	0.547059	-1.82796	0.00253896	0.197585	-5.0611	0.0294055	2.69935	2.69935	0.0203132	0.338608	-2.95327	5.40632	12.8301	2.10948	1
cg21148404	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0140809	0.0554452	2.35804	2.35804	0.00430592	4.51939	4.51939	0.0685917	2.23789	2.23789	0.338799	1.47641	1.47641	0.125189	1.92674	1.92674	0.0198148	3.03941	3.03941	0.00154998	6.04034	6.04034	0.00851038	3.76944	3.76944	0.369562	1.43927	1.43927	5.28985	13.0819	2.19824	1
cg25399162	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0145143	0.0109815	0.338294	-2.95601	0.12595	1.75482	1.75482	0.0749588	0.509893	-1.9612	0.937191	1.02713	1.02713	0.231062	0.652674	-1.53216	0.227349	1.53792	1.53792	0.171959	1.63859	1.63859	0.00369305	3.79103	3.79103	0.155975	0.597192	-1.6745	5.23731	9.56814	1.62393	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-vs-2)	p-value(105T vs. N)	Fold-Change(1-vs-3)	p-value(107 vs. N)	Fold-Change(1-vs-4)	p-value(111T vs. N)	Fold-Change(1-vs-5)	p-value(112T vs. N)	Fold-Change(1-vs-6)	p-value(121T vs. N)	Fold-Change(1-vs-7)	p-value(121T vs. N)	Fold-Change(1-vs-8)	p-value(347T vs. N)	Fold-Change(1-vs-9)	p-value(347T vs. N)	Fold-Change(1-vs-10)	p-value(353T vs. N)	Fold-Change(1-vs-11)	p-value(537T vs. N)	Fold-Change(1-vs-12)	p-value(537T vs. N)	Fold-Change(5-vs-13)	p-value(563T vs. N)	Fold-Change(5-vs-14)	F(Error)	SS(Test)	SS(Error)
cg14631706	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0156815	4	0.0320042	3.21493	3.21493	0.9217	1.04676	1.04676	0.897625	1.06166	1.06166	1.03621	1.115745	2.11591	2.11591	2.101185	2.30318	2.30318	0.0272701	3.36786	3.36786	0.0374563	0.185852	-5.38064	0.0288108	3.31449	3.31449	0.0377959	1.06384	3.06384	1.50499	17.4678	3.04152	1
cg06338499	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0162272	4	0.0554604	2.51899	2.51899	0.00747465	4.33069	4.33069	0.0102283	3.96643	3.96643	0.136374	1.97981	1.97981	0.0123462	3.76555	3.76555		0.153857	1.91514	1.91514	0.242923	1.68215	1.68215	0.00156522	6.9166	6.9166	0.117966	2.05959	2.05959	5.04726	14.4797	2.55008	1
cg15139644	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0213181	4	0.0810729	0.819188	-1.22072	0.698335	0.960636	-1.04098	0.342199	0.904012	-1.10618	0.734468	1.03573	1.03573	0.0214208	1.32978	1.32978		0.0912319	1.21144	1.21144	0.125672	0.842919	-1.18635	0.00331926	1.5103	1.5103	0.201579	1.14919	1.14919	4.60332	0.775197	0.149689	1
cg06263372	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0216881	4	0.105713	0.303929	-3.29024	0.434552	1.71142	1.71142	0.125881	0.327555	-3.05292	0.598152	0.698769	-1.43109	0.0472629	0.21658	-4.61722		0.51403	0.640199	-1.56201	0.00114538	0.0398745	-25.0787	0.32894	1.97195	1.97195	0.0232349	0.160698	-6.22286	4.57629	32.9165	6.39364	1
cg22666828	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0363965	4	0.11029	0.370923	-2.69598	0.620735	1.32874	1.32874	0.350501	0.578333	-1.72911	0.552506	0.710036	-1.40838	0.46596	0.655209	-1.52623		0.289103	0.534152	-1.87212	0.301026	0.542989	-1.84166	0.00136521	14.127	14.127	0.957451	1.03087	1.03087	3.81263	19.6087	4.57164	1
cg24202131	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.041401	4	0.0305116	4.31728	4.31728	0.0906827	2.92231	2.92231	0.481116	1.50884	1.50884	0.253506	1.98595	1.98595	0.0254908	4.60582	4.60582		0.243581	2.01771	2.01771	0.00374336	0.50685	1.97985	0.0154852	5.4688	5.4688	0.13755	2.50953	2.50953	3.63663	19.0646	4.65989	1
cg21484749	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0426507	4	0.768046	1.07356	1.07356	0.323414	1.27732	1.27732	0.510413	1.17377	1.17377	0.0241458	0.52453	-1.90647	0.642277	1.1881	1.11881		0.275211	0.761526	-1.31315	0.00482642	0.4076586	-2.45287	0.31585	1.28259	1.28259	0.151438	1.4461	1.4461	3.59674	3.2808	0.810808	1
cg18409730	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0461981	4	0.6163302	0.918702	-1.08849	0.25837	1.21888	1.21888	0.199428	1.25551	1.25551	0.00919211	0.574031	-1.74207	0.139621	0.765836	-1.30576		0.390411	1.15917	1.15917	0.0506767	0.688174	-1.45312	0.139621	0.765836	0.81195	-1.2316	0.10685	1.34375	1.34375	0.490595	1.55735	0.396543	1
cg07374804	BRUNOL4	0.0498864	4	0.447743	0.883048	-1.13501	0.512229	0.896915	-1.11493	0.0174368	1.60596	1.60596	0.134382	1.30241	1.30241	0.569327	0.910162	-1.09871		0.730863	0.945051	-1.05814	0.547781	0.905238	-1.10468	0.00624034	0.557983	-1.79217	0.550489	1.10392	1.10392	1.3908	1.4387	0.37715	1
cg18541087	BRUNOL5	0.000688483	4	0.238456	0.782547	-1.27788	0.0185605	1.76279	1.76279	0.0480691	0.638448	-1.5663	0.152619	0.737685	-1.35559	2.32E-05	0.186318	-5.36717		0.996335	0.999088	-1.00091	0.0101035	1.90505	1.90505	0.144624	0.732593	-1.36501	0.057553	0.652785	-1.5319	13.07115	8.16452	0.555202	1
cg21765032	BRUNOL5	0.00125017	4	0.00058619	0.144135	-6.93795	0.114751	0.535101	-1.86881	0.027844	0.387651	-2.57964	0.00783194	0.288164	-3.47024	0.000975676	0.167235	-5.97961		0.00104903	0.170713	-5.8578	0.0261443	2.61699	2.61699	0.526187	1.26383	1.26383	0.0294982	0.392782	-2.54594	11.0418	23.2428	1.87108	1
cg00554408	BRUNOL5	0.00174002	4	0.00794636	0.641155	-1.55993	0.0181004	1.55961	1.55961	0.0139466	0.829217	-1.13867	0.0045074	0.499037	-2.00413	0.000175	0.161228	-6.20161		0.00364062	1.67157	1.67157	0.105808	1.25952	1.25952	0.380742	0.962786	-1.15799	0.000682103	1.969577	1.969577	0.010399	2.73121	0.240136	1
cg09313587	BRUNOL5	0.00182861	4	0.108514	0.658693	-1.51816	0.3393382	1.2647	1.2647	0.0292294	0.541906	-1.84534	0.187783	1.40585	1.40585	0.000249317	0.236564	-4.22718		0.688762	0.908447	-1.10078	0.0678901	0.614053	-1.62852	0.000223541	0.231099	-4.32736	0.212043	0.730887	-1.3682	9.80964	8.91398	0.800648	1
cg23868141	BRUNOL5	0.00137938	4	0.0325087	0.819595	-1.22096	0.00835612	3.78615	3.78615	0.173861	0.833602	-1.20029	0.134964	1.20479	1.20479	0.0187534	0.837542	-1.19415	0.0162861	0.615093	-1.62541	0.0500931	0.643227	-1.55466	0.0413236	1.17616	1.17616	0.0385296	1.62631	1.62631	5.44163	5.40945	0.157952	1
cg14555543	BRUNOL5	0.00458253	4	0.218417	0.712945	-1.40263	0.229415	0.719194	-1.39045	0.0453922	0.548888	-1.82186	0.421497	0.806848	-1.23939	0.806764	1.00615	1.00615		0.0147573	0.456454	-2.1908	0.729809	0.913366	-1.09485	7.47E-05	0.15259	-6.55351	0.559363	1.16684	1.16684	7.53603	8.15329	0.961696	1
cg06734812	BRUNOL5	0.0050731	4	0.0216756	0.316834	-3.15623	0.00695856	0.233109	-4.28799	0.0532506	0.400269	-2.49832	0.259502	0.612404	-1.63291	0.000307533	0.0868918	-11.5083		0.4685777	0.735295	-1.36	0.0244105	0.171653	-5.82604	0.00117283	0.286078	-3.49522	0.0306134	0.201171	2.44752	1							
cg07648893	BRUNOL5	0.00736092	4	0.058235	0.316656	-3.15699	0.0109562	0.49375	-1.48336	0.119881	0.41895	-2.38749	0.264295	0.54875	-1.82232	0.0026057	0.162382	-6.15938		0.0232728	0.246025	-4.06481	0.00346892	0.0568993	-17.5749	0.0375766	0.288148	-3.47044	0.0774389	0.363359	-2.7521	6.52124	27.436	3.74404	1
cg27029238	BRUNOL5	0.00755506	4	0.0880483	2.9905	2.9905	0.00211437	12.3652	12.3652	0.407557	1.63721	1.63721	0.00264546	11.2525	11.2525	0.801845	0.863871	-1.15758		0.119787	2.67032	2.67032	0.00765733	7.35037	7.35037	0.0179832	5.32729	5.32729	0.00406009	9.44018	9.44018	6.45919	34.6423	4.76735	1
cg25254799	BRUNOL5	0.00385572	4	0.00330097	0.221733	-4.50993	0.0306741	0.671513	-1.48917	0.0636814	0.632938	-1.80318	0.337115	0.68905	-1.45127	0.00102945	0.160314	-6.23634		0.416624	0.731666	-1.36674	0.039065	0.407043	-2.45675	0.00566022	0.254438	-3.93023	0.0896689	0.494536	-2.0221	6.23776	14.0372	1.99393	1
cg25716820	BRUNOL5	0.00879801	4	0.0129988	0.241108	-4.14752	0.0698555	0.788575	-1.26811	0.0277595	0.100314	-3.3221	0.283505	1.67328	1.67328	0.00131307	0.155111	-6.45717		0.789067	1.13174	1.13174	0.0457887	0.948026	-1.05477	0.00194524	0.172144	-5.80734	0.0211564	0.155652	20.7704	2.99887	1							
cg19449919	BRUNOL5	0.0102145	4	0.441299	0.740037	-1.35128	0.0164042	3.07893	3.07893	0.174582	1.73963	1.73963	0.18711	1.70933	1.70933	0.00393973	0.226017	-4.42444		0.898255	0.952136	-1.05027	0.089837	2.04809	2.04809	0.00790438	0.270846	-3.69213	0.254302	0.633565	-1.57837	5.87061	13.6681	2.06953	1
cg22199041	BRUNOL5	0.0140244	4	0.0912325	0.583833	-1.71324	0.0183871	1.74437	1.74437	0.0304733	1.88549	1.88549	0.0191599	1.53253	1.53253	0.0102504	0.240187	-4.16291		0.572502	2.29685	2.29685	0.0141385	2.12702	2.12702	0.00332001	3.14353	3.14353	0.00736314	2.65615	2.65615	5.29685	6.88363	1.15517	1
cg14586555	BRUNOL5	0.016215	4	0.388519	1.19335	1.19335	0.0719971	1.49434	1.49434	0.229044	0.792684	-1.2872	0.998819	1.0003	1.0003	0.00073196	0.358204	2.79171		0.374456	0.968869	-1.03213	0.114654	0.709522	-1.4094	0.388869	1.19318	1.19318	0.0646163	0.660232	-1.51462	0.04852	3.19864	0.563182	1
cg12077487	BRUNOL5	0.00193566	4	0.0183955	0.468169	-2.13648	0.0104148	1.00948	1.00948	0.0125781	0.208404	-4.79899	0.0660998	0.817782	-1.22308	0.00784643	0.189702	-5.27197		0.453183	0.957307	-1.04427	0.312356	0.554609	-1.80307	0.0147288	0.526745	-1.89845	0.742884	1.67371	-1.89845	0.742884	2.25703	1.43128	1
cg06926362	BRUNOL5	0.0277566	4	0.268858	0.658655	-1.51824	0.1718134	1.70179	1.70179	0.0658574	2.15893	2.15893	0.44778	0.757048	-1.32092	0.0283066	0.373509	-2.67731		0.276898	1.50659	1.50659	?	?	?	0.0234955	2.81228	2.81228	0.0133673	3.28056	3.28056	5.35891	9.17243	1.28372	1
cg14189609	BRUNOL5	0.0285175	4	0.11386	1.32765	1.32765	0.951378	0.990003	-1.0101	0.078147	0.724363	-1.38052	0.999196	1.15281	1.15281	0.309505	0.841033	-1.18901		0.0383478	0.673407	-1.48499	0.0494925	0.473194	1.12772	1.12772	0.0908011	1.3593	1.3593	1.46083	1.7589	0.382167	1						
cg18316971	BRUNOL5	0.00413969	4	0.0927662	0.645576	-1.54907	0.0183542	1.38627	1.38627	0.0422103	0.623216	-1.53236	0.0863883	0.5808	-1.72206	0.0017646	0.23737	-4.21336		0.0383665	0.7802	-1.28161	0.0317463	0.8357	1.19632	1.19632	0.0315205	1.42625	1.42625	0.0225768	2.28283	1.83482	0.912322	10.3244	1
cg23224511	BRUNOL5	0.0364166	4	0.181881	1.44808	1.44808	0.0301307	0.513615	-1.94698	0.00531371	0.383	-2.61097	0.336142	0.771728	-1.29579	0.0151125	0.458392	-2.18154		0.247417	0.729078	-1.37159	0.839396	1.05445	1.05445	0.108282	0.632695	-1.58054	0.215377	0.711261	-1.40595	3.81186	4.12135	0.961058	1
cg16778093	BRUNOL6	0.0154061	4	0.0507866	1.4428	1.4428	0.0145225	1.22317	1.22317	0.0605884	1.53369	1.53369	0.0180258	1.5389	1.5389	0.0139255	1.54737	1.54737		0.325541	0.91028	-1.09826	0.83466	0.945981	-1.05731	0.0116207	0.644144	-1.55231	0.0104328	0.794018	-1.25942	13.4974	8.02028	0.594018	1
cg10976908	BRUNOL6	0.00541669	4	0.00337805	0.176829	-5.65518	0.0966188	2.20959	2.20959	0.114526	2.10864	2.10864	0.0850394	2.28799	2.28799	0.154	1.78788	1.78788		0.62442	1.806966	-1.23921	0.00110286	0.123595	-8.09095	0.545688	0.766598	-1.30446	0.055423	0.389198	0.766598	-1.30446	0.055423	0.389198	2.56958	1.76102	21.4259	2.65957	1
cg07483413	BRUNOL6	0.00760196	4	0.45454	0.727876	-1.37386	0.264643	0.615847	-1.62378	0.0177504	0.300579	-3.32692	0.378389	0.686037	-1.45765	0.000397671	0.0953167	-10.4913		0.00736461	0.236918	-4.22088	0.410328	0.703947	-1.42056	0.863419	0.904655	-1.06309	0.00384315	0.198496	-5.03789	6.44456	17.7472	2.44745	1
cg21404878	BRUNOL6	0.0179864	4	0.281777	1.56464	1.56464	0.00435	2.00013	2.00013	0.0200594	1.03529	1.03529	0.0870534	1.97637	1.97637	0.0014233	0.506134	-1.97637		0.337366	1.03635	1.03635	0.0812602	1.73973	1.73973	0.0154772	1.66373	1.66373	0.0154772	1.2729	1.2729	4.1485	8.84096	1.87751	1
cg20179268	BRUNOL6	0.0109151	4	0.18586	1.75251	1.75251	0.356638	0.685624	-1.45852	0.0643176	0.432093	-2.31432	?	?	?	0.0117014	0.133647	-7.48237		0.0222766	0.57655	1.05765	0.559866	0.79125	-1.26377	0.713598	1.15745	1.15745	0.132471	1.91774	1.91774	0.14336	14.3617	1.89472	1
cg20142390	BRUNOL8;BRWD1	0.0129124	4	0.0249558	0.183	-5.46316	0.0134542	2.12775	2.12775	0.0553	0.324174	-3.08453	0.0855	1.23574	1.23574	0.12879	0.665823	-1.5019	0.0087964	0.0137454	2.2864	0.0249558	0.5163	-1.93668	0.0187172	0.697427	-1.43384	0.104175	1.55298	1.55298	0.0138427	1.2451	1.44215	0.2941	0.864303	0.4083	1
cg13180224	BRWD1;BRWD1;BRWD1	0.000671038	4	0.000206724	0.49536	-2.01874	0.28989	3.13223	3.13223	0.00819792	1.46583	1.46583	0.625577	1.05717	1.05717	0.349755	1.11496	1.11496		0.9820374	1.00254	1.00254	7.91E-05	0.446412	-2.24008	0.594712	0.9411	-1.06259	0.332179	0.89306	-1.11975	13.1658	2.66504	0.17993	1
cg15479946	BRWD1;BRWD1;BRWD1	0.00512121	4	0.0502586	0.576953	-1.73334	0.842737	0.956394	-1.04559	0.164862	0.624246	-1.60199	0.0116589	0.545239	0.545239	0.0312129	0.289191	-3.4584		0.718741	1.10077	1.10077	0.0105744	0.623564	-1.60368	0.0249355	0.480755	-1.91539	0.059761	1.28682	1.28682	2.42935	8.02781	0.592164	1
cg05926606	BRWD1;BRWD1;BRWD1	0.00829309	4	0.13938	0.8773	-1.13988	0.204164	1.57695	1.57695	0.114559	0.47074	-2.12469	0.0224	0.60239	0.60239	0.07196	0.0158881	-6.68855	0.14521	0.600132	1.04449	1.04449	0.0246076	0.504992	-1.98048	0.0116835	1.29603	1.29603	0.0904275	0.762763	-1.31102	6.27564	0.672782	0.0953393	1
cg23284321	BRWD1;BRWD1;BRWD1	0.0165104	4	0.527957	0.930882	-1.07425	0.144078	0.838803	-1.19217	0.0193085	0.728373	-1.37292	0.114573	0.825119	-1.21195	0.0577486	1.27166	1.27166		0.228225	0.867917	-1.15218	0.00822111	1.46036	1.4636	0.0204097	0.731239	-1.36754	0.296002	0.8857	-1.12905	5.01823	0.997129	0.176623	1
cg06238790	BRWD1;BRWD1;BRWD1	0.0216372	4	0.0853353	0.720019	-1.38885	0.0147374	1.74437	1.74437	0.0305733	1.88549	1.88549	0.0186429	1.57136	1.57136	0.0094206	0.248187	-4.02901	0.0148987	0.0116214	2.12178	0.0853353	0.415385	2.40824	0.0857415	1.15648	1.15648	0.579977	1.2637	1.2637	0.0491813	1						
cg21203420	BRWD1;BRWD1;BRWD1	0.0249095	4	0.350333	1.17434	1.17434	0.330399	1.18282	1.18282	0.741035	0.946066	-1.05701	0.0219771	1.58308	1.58308	0.0162895	1.63408	1.63408		0.00168212	2.11835	2.11835	0.303808	1.19277	1.19277	0.301522	0.83615	-1.19596	0.84992	1.968829	-1.03217	4.36273	1.931	0.393433	1
cg25647989	BRWD3	2.07E-07	4	8.55E-06	2.60611	2.60611	1.23E-06	0.991646	0.991646	0.0133133	2.49E-06	0.485639	2.09914	0.9605118	1.00125	1.00539	1.92E-06	0.520471	-4.33902	0.0024653	1.77121	1.77121	6.10E-06	2.1374	2.1374	0.53137	1.04869	1.04869	0.0118715	1.1354	1.1354	109.485	9.7488	0.0791487	1
cg09700470	BSCL2	0.000280679	4	0.211181	1.38217	1.38217	0.174232	1.42626	1.42626	0.0064548	0.393722	-2.53986	0.974966	0.99232	-1.00774	0.0331076	0.542208	-1.84431		0.7963661	1.0656	1.0656	4.33E-06	0.0739284	-13.5266	0.440005	0.124348	-2.21348	0.641201	2.801087	-1.12222	16.7524	16.0164	0.84984	1
cg10398590	BSCL2	0.00177628	4	0.00590959	0.577644	-1.73117	5.16E-05	3.54525	3.54525	0.0423692	1.47782	1.47782	0.561227	0.906518	-1.10312	0.640236	1.08181	1.08181		0.0721839	1.39827	1.39827	0.581785	1.09739	1.09739	0.0545323	1.43963	1.43963	0.351169	1.17386	1.17386	9.9801	4.41132	0.392899	1
cg00367221	BSCL2	0.00315389	4	0.358606	1.12178	1.12178	0.0843542	1.30746	1.30746	0.0829974	1.0027	1.0027	0.68083	1.13316	1.13316	0.367481	1.19332	1.19332		0.1742879	1.4098	1.4098	0.132176	0.82593	-1.21076	0.00012894	0.745683	-1.34125	0.0225768	2.28283	1.83482	0.912322	10.3244	1.89472	1
cg03439986	BSCL2	0.00567439	4	0.270491	0.61366	-1.62957	0.0048939	4.89008	4.89008	0.0897154	2.21703	2.21703	0.373662	1.47503	1.47503	0.00816623	0.236742	-4.22401		0.154314	0.522581	-1.91358	0.0095849	0.247599	-4.03879	0.0143381	3.61157	3.61157	0.46063	1.37671	1.37671	7.0595	20.2529	2.55012	1
cg13856573	BSCL2;BSCL2;BSCL2;GNG3;BSCL2	0.00606722	4	0.249572	0.575227	-1.74064	0.00145235	8.43145	8.43145	0.0436389	2.93059	2.93059	0.0150974	3.99046	3.99046	0.231787	1.78825	1.78825		0.855413	1.08821	1.08821	0.223059	0.552192	-1.81102	0.0114208	0.431778	4.37178	0.642468	22.5969	3.0238	0.10238	1						
cg14638988	BSCL2;BSCL2;GNG3	0.000622648	4	0.0048135	0.473015	-2.1141	0.000933657	2.68761	2.68761	0.00249437	2.35349	2.35349	0.0434225	0.628233	-1.59177	0.0393182	0.620525	-1.61154		0.821788	1.04619	1.04619	0.00578428	0.484992	-2.06189	0.00154578	0.248751	2.48751	0.293448	1.24372	1.24372	0.144442	8.52858	0.563885	1
cg10336707	BSCL2;BSCL2;GNG3	0.00208472	4	0.187876	0.739343	-1.35255	0.00468238	2.25593	2.25593	0.147142	1.40026	1.40026	0.939207	1.01664	1.01664	0.790015	1.05946	1.05946		0.816364	1.05163	1.05163	0.000135904	0.239516	-4.17509	0.0194474	1.84291	1.84291	0.137734	1.41325	1.41325	9.52595	7.06507	0.659258	1
cg03315058	BSCL2;BSCL2;GNG3	0.0096605	4	0.0196911	0.2	-5.00001	0.00275536	2.3418	2.3418	0.0105054	1.60317	1.60317	0.643457	1.12903	1.12903	0.0274449	1.61399	1.61399		0.554396	1.16847	1.16847	0.0402224	0.892228	-1.12079	0.00130597	0.138256	-7.23256	0.0111208	4.37178	4.37178	0.642468	22.5969	3.0238	1
cg10573476	BSCL2;BSCL2;BSCL2;BSCL2	0.00118465	4	0.307468	1.32873	1.32873	0.0601756	2.61399	2.61399	0.0946225	1.63931	1.63931	0.0081199	3.48362	3.48362	0.565072	0.855154	1.16918		0.104588	1.61168	1.61168	0.0827747	0.596385	-1.67677	0.00044944	0.437795	4.37795	0.000386143	5.58806	4.58806	0.11229	12.8543	1.01901	1
cg18523540	BSCL2;BSCL2;BSCL2;BSCL2	0.0213089	4	0.0990328	1.10761	1.10761	0.0503134	1.46019	1.46019	0.0834402	1.28054	1.28054	0.0172312	0.962892	-1.03854	0.0201119	0.970929	-1.03004		0.228634	1.0379	1.0379	0.0126372	0.47922	-2.08636	0.0241818	0.4504	2.21996	0.0100274	1.33941	1.33941	0.0100274	1.08445	0.0104453	1						
cg10141838	BSCL2;GNG3;BSCL2;BSCL2;BSCL2	0.00483594	4	0.0965547	1.330086	-3.02952	0.00103083	19.1854	19.1854	0.00289377	12.0393	12.0393	0.0338536	4.50464	4.50464	0.172461	2.4162	2.4162		0.59457	1.3859	1.3859	0.13825	0.379236	-2.63688	0.0160012	5.99884	5.99884	0.034225	4.48608	4.48608	7.41365	33.3368	5.19604	1
cg07237830	BSCL2;GNG3;BSCL2;BSCL2;BSCL2	0.00609162	4	0.184166	0.443044	-2.25711	0.00223277	11.8751	11.8751	0.0218857	4.90102	4.90102	0.0125338	6.01728	6.01728	0.0867284	2.84738	2.84738		0.608804	1.34755	1.34755	0.224148	0.703955	-1.42055	0.00303559	10.455	10.455	0.0141763	5.74808	5.74808	0.60676	36.5286	4.70117	1
cg16218964	BSCL2;GNG3;BSCL2;BSCL2;BSCL2	0.00754168	4	0.145386	1.53208	1.53208	0.0511525	2.258932	1.97918	0.0119318	0.111056	1.56807	0.603786	1.02294	1.02294	0.881263	1.04164	1.04164		0.776396	0.92522	-1.08062	0.0995549	1.00146	1.00146	0.547944	0.847083	-1.18052	0.464278	7.62589	1.04986	0.0952	1.28608	1.04986	1
cg13916928	BSCL2;GNG3;BSCL2;BSCL2;BSCL2	0.00780706	4	0.148902	0.344019	-2.90682	0.00319885	16.0255	16.0255	0.00409951	14.2199	14.2199	0.0270571	6.07485	6.07485	0.0445828	4.90246	4.90246		0.560293	1.50073	1.50073	0.300457	0.4773	-2.09512	0.0115854	7.66612	7.66612	0.0190194	7.07852	7.07852	6.39303	48.1097	6.68919	1
cg09750931	BSCL2;GNG3;BSCL2;BSCL2;BSCL2	0.0134817	4	0.113484	0.311934	-3.20617	0.0059884	4.1432	4.1432	0.0015309	12.001	12.001	0.0733159	3.86073	3.86073	0.0417708	4.4476	4.4476		0.667416	1.13966	1.13966	0.0969291	0.392974	-2.54127	0.00108115	3.70123	3.70123	0.0988521	3.40112	3.40112	5.9629	26.8852	6.4417	1
cg13033520	BSCL8;BSCL8;BSCL8;BSCL8;BSCL8	0.000255828	4	0.00548663	0.31257	-3.19928	0.370353	1.21258	1.21258	0.946845	1.01415	1.01415	0.0226275	0.406352	-2.46092	0.00237432	0.277108	3.6087		0.602595	1.64912	1.64912	0.0124105	0.223521	-4.47485	0.0413701	1.642	1.642	0.00714865	0.480864	2.07959	17.1817	12.0903	0.625488	1
cg15482893	BSCL8;BSCL8;BSCL8;BSCL8;BSCL8	0.00373242	4	0.0624205	2.29392	-3.40229	0.00178876	0.0746508	-13.3957	0.00700723	0.130577	-7.65831	0.301721	0.535428	-1.86767	0.00106217	0.0592841	-16.8679		0.0738188	0.312407	-3.20095	0.000977426	0.0570861	-17.5174	0.872588	0.910552	-1.09824	0.0109767	0.155157	-6.4451	8.01778	43.2855	4.79883	1
cg18120308	BSCL8;BSCL8;BSCL8;BSCL8;BSCL8	0.00952456	4	0.0236054	0.147823	-6.76293	0.0072517	0.45112	0.45112	0.0016575	0.0479	0.0479	0.0208296	0.206252	-4.84799	0.00128196	0.0442187	-22.6139		0.0413007	0.92528	-1.08078

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(105 N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg00082809	BTBD10	0.0117999	0.340249	0.773821	-1.29564	0.532666	1.18121	0.5263347	1.7324	0.176	1.77477	0.907776	-1.10159	0.168683	1.47182	1.47182	0.983208	0.994469	-1.00556	0.74758	1.07377	1.07377	0.020703337	5.2256	5.2256	0.955728	0.985477	-1.01474	5.60896	6.16352	0.9776545	1
cg02083237	BTBD10	0.0237805	0.182928	0.501819	-1.99275	0.105031	0.421375	-2.37319	0.0337628	0.298326	-3.35201	0.713987	1.19674	1.09574	0.00501556	0.163436	6.115859	0.0970741	0.411271	-2.43149	0.00337113	0.142907	-5.69758	0.431171	1.47994	1.47994	2.12168	0.527086	-1.89722	4.43347	16.7148	3.35124	1
cg24966575	BTBD11	9.30E-05	0.797479	1.06509	1.06509	0.00303573	2.70759	2.70759	0.951636	0.985235	-1.01499	0.25161	1.34142	1.34142	0.283398	0.760845	-1.31433	0.184314	1.41249	1.41249	0.00344713	0.377539	-2.64873	1.63E-06	19.2185	19.2185	0.9498821	0.984684	-1.01555	22.5712	21.4995	0.8466383	1
cg01797169	BTBD11	0.000313799	0.202122	0.540709	-1.82913	0.000350199	0.448647	-2.23014	0.0104508	0.637661	-1.56823	0.0515151	0.783478	-1.35892	0.000586669	0.468621	-2.13401	0.034547	0.708889	-1.41062	6.35E-06	0.246014	-4.0814	0.000382849	0.454584	-2.19981	0.000449498	0.461883	2.16505	20.4774	9.31925	0.2743077	1
cg19234613	BTBD11	0.00023179	0.01363	1.54304	1.54304	0.64713	0.899636	-1.11156	0.195547	0.823185	-1.21479	0.679347	0.94263	-1.06186	8.78E-06	0.253714	-3.94145	0.306655	0.860336	-1.16234	0.000176441	0.403985	-2.46923	0.431525	0.892986	-1.11984	0.259521	1.18198	17.621	5.63844	0.28443	1
cg08125960	BTBD11	0.000386777	0.538548	0.902877	-1.10757	0.000863744	2.27181	2.27181	0.000187206	0.21834	2.81344	0.446086	1.13561	1.13561	0.445563	0.880241	-1.11605	0.820837	0.963466	-1.03792	0.101482	0.745129	-1.34205	4.04E-05	3.61875	3.61875	0.0443922	0.146059	1.46019	15.3417	6.5412	0.378094	1
cg07213698	BTBD11	0.000730757	0.213352	0.683441	-1.46318	0.00241121	0.293033	-3.41258	0.000850011	0.231098	-4.29004	0.584945	0.851977	-1.17374	0.235538	0.696922	-1.43488	0.113477	0.606382	-1.64912	0.000104673	0.136504	-7.32578	0.000110929	0.138769	-7.20625	0.05726	0.535408	-1.86773	12.855	17.1759	1.18767	1
cg04506124	BTBD11	0.00696928	1.54099	1.15409	0.494158	0.9491	-1.05363	0.0003334	0.960981	-1.0406	1.683613	0.959187	-1.04353	1.946821	1.07955	1.07955	0.461663	1.150803	1.85893	0.00209934	0.739042	1.93852	-1.93852	1.93E-05	1.91307	1.91307	0.107557	0.164776	1.113803	1.113803	12.7642	1.1456	0.0797788	1
cg05941924	BTBD11	0.00175877	0.069707	0.469525	1.128	0.000493156	3.23902	3.23902	0.707018	0.927912	-1.08468	0.753552	0.935458	-1.06899	0.15871	1.38311	1.38311	0.005448	0.402515	-2.19708	0.253138	1.29283	1.29283	0.00319393	0.420353	-2.37895	0.340771	1.23534	1.23534	10.0088	7.34687	0.652482	1
cg13492159	BTBD11	0.00195959	0.95234	1.01058	1.01058	0.0393271	1.52167	1.52167	0.198725	1.27015	1.27015	0.881798	0.974142	-1.02654	0.960629	0.991346	-1.00873	0.434549	0.869017	-1.15073	0.174648	0.775516	-1.28946	2.68E-05	4.30721	4.30721	0.94331	1.0126	1.0126	9.69939	4.76273	0.436475	1
cg25684349	BTBD11	0.0026108	0.682691	1.09207	1.09207	0.0496466	0.551753	-1.81116	0.0003753023	0.289895	-3.44886	0.515664	1.09178	1.09178	0.70318	0.859384	-1.16343	0.159197	1.18415	1.18415	0.0472594	0.458856	-2.17933	0.0005634232	0.315574	-3.16941	0.739706	0.93049	-1.0747	8.91791	6.59402	0.657256	1
cg11417612	BTBD11	0.0027294	0.0348467	0.429346	-2.32912	0.394597	0.741002	-1.34952	0.210663	0.653445	-1.5737	0.138755	0.578192	-1.72953	0.00609282	0.16868	-5.92837	0.846325	0.935472	-1.06898	0.729578	0.887543	-1.12671	0.000184641	0.113986	-8.77304	0.00285469	0.243829	-4.10124	0.80119	16.4735	1.66377	1
cg06286585	BTBD11	0.00279366	?	?	?	0.0076681	3.49462	3.49462	0.00499535	0.237034	4.2188	?	?	?	?	?	?	?	?	?	0.320789	0.743452	-1.34508	0.00120717	0.0971419	-10.2942	68.9858	16.8939	0.184678	1
cg15796945	BTBD11	0.00286303	0.159062	0.73132	-1.36739	0.00283483	1.04949	1.04949	0.224566	1.30372	1.30372	0.512593	1.14805	1.14805	0.31157	0.804408	-1.24315	0.260176	1.27657	1.27657	0.890649	1.02901	1.02901	3.94E-05	5.13033	5.13033	0.391485	0.83316	-1.20025	8.67759	5.94012	0.608477	1
cg11362622	BTBD11	0.00458822	0.0644996	0.495168	-2.01952	0.0312133	0.452044	-2.21105	0.0563012	0.509501	-1.96307	0.0313481	0.612817	1.63227	0.197247	0.29127	-3.43321	0.604163	1.19335	0.0493122	0.467985	0.421682	-2.37191	0.0007347	0.509555	-1.96481	0.236131	0.524442	1.53419	13.6649	1.61241	1
cg00174411	BTBD11	0.00523822	0.0748823	0.484685	-2.06332	0.0380957	0.497571	-2.00944	0.0308241	0.15754	-4.35064	0.0944	0.488847	2.04798	0.0108421	0.15754	-6.34643	0.610664	1.63792	0.0242568	0.429979	0.358613	0.0209502	0.213469	-4.6849	0.0106642	0.132525	-7.54577	0.111658	0.532306	1.87882	0.38198	16.7619	0.55537	1
cg00170564	BTBD11	0.00941444	0.18519	1.23586	1.23586	0.309302	1.17184	1.17184	0.994857	0.999029	-1.00097	0.369096	0.870204	-1.14916	0.306667	1.17293	1.17293	0.78818	0.960226	-1.04142	0.0247717	0.668442	-1.49602	0.000385254	0.24207	2.42071	0.24071	0.20632	2.2225	1.2225	6.02553	2.16771	0.319781	1
cg10164592	BTBD11	0.0117772	0.820139	0.879012	-1.13894	0.025232	0.860306	-1.27543	0.0563012	0.298502	-3.43821	0.891399	1.08134	1.08134	0.0167787	0.291603	-3.42924	?	?	?	0.154416	0.438528	-2.28933	0.000941891	0.175942	16.7542	0.54707	1.41649	1.41649	9.81564	26.7298	4.59619	1
cg11263852	BTBD11	0.0195981	0.980545	0.995871	1.00413	0.9542	0.888946	-1.12493	0.057862	0.694938	-1.44023	0.834958	0.966164	1.03492	0.488848	0.890033	-1.12355	0.483182	1.12855	1.12855	0.00320705	1.0791	1.0791	0.00473469	0.529044	-1.8902	0.84118	1.03463	1.03463	4.78333	2.16103	0.4054	1
cg04076774	BTBD11	0.0196416	0.341033	1.3046	1.3046	0.3316696	1.31181	1.31181	0.00351877	0.342151	-2.92268	0.17238	1.48232	1.48232	0.0730075	0.581639	-1.71928	0.321712	1.31974	1.31974	0.207195	0.693748	-1.434	0.0183783	0.460563	-2.17126	0.15987	1.50228	1.50228	4.73353	5.50585	1.03392	1
cg01686739	BTBD11	0.0201851	0.0320737	0.519238	-1.17421	0.0203973	0.565491	-1.76451	0.0044179	0.171953	-5.81555	0.0849853	1.211209	4.68825	0.0132489	0.153463	-6.51953	0.382473	1.662335	-1.50981	0.0881553	0.11069	-9.03305	0.0004563122	0.220378	-4.53972	0.0995827	0.459335	2.29392	4.87224	16.8177	2.9787	1
cg26986210	BTBD11	0.0258401	0.0927263	0.606088	-1.64993	0.0052061	0.368612	-2.71288	0.00199525	0.306893	-3.25847	0.0992945	0.613201	-1.63079	0.233503	0.713122	-1.40228	0.199383	0.6928	-1.44342	0.660528	0.842483	-1.18727	0.0750749	0.584769	-1.71008	0.540171	1.17985	1.17985	4.30734	4.99812	1.03144	1
cg07912251	BTBD11	0.0261178	0.0747794	0.5888	-1.69824	0.0042552	0.756795	-1.32126	0.0709637	0.538845	-1.85496	0.0410846	0.754662	1.32546	0.0462864	0.445986	-2.24289	0.0148445	0.5444	-1.83701	0.0278708	0.354419	-2.82152	?	?	0.0122978	0.354419	-2.82152	5.01201	5.4921	1.5842	1
cg24671734	BTBD11	0.0418663	0.00776256	0.039424	-25.3652	0.569417	0.580541	-1.72253	0.172645	0.253424	-3.94596	0.035201	0.982681	-10.1762	0.0640392	0.139678	7.15932	0.200674	0.278513	3.5905	0.00805252	0.04034	-24.7893	0.0805546	0.159923	-6.253	0.0303941	0.0901177	-11.0966	3.6216	51.3054	12.5924	1
cg19393178	BTBD11;BTBD11	0.00117143	0.686051	1.09333	0.435634	0.893763	-1.19081	0.0017662	0.376089	-2.65894	0.34064	0.806048	-1.24062	0.201598	0.743723	-1.34459	0.962674	0.989777	-1.01033	0.00620455	0.456089	-2.1801	0.925	0.175607	-5.63041	0.0991566	1.48721	1.48721	1.24488	8.58873	0.678685	1
cg03198269	BTBD11;BTBD11	0.00164275	0.111849	1.2519	1.2519	0.0707529	1.60128	1.60128	0.0108492	0.469843	-2.13017	0.0655292	0.749147	1.33417	0.0655292	0.469843	-2.13017	0.016308	1.2131	0.00354692	0.0827319	0.104706	-9.54017	0.0124888	0.104706	-9.54017	0.0854166	0.12984	2.7292	10.2074	2.2370716	1
cg27431274	BTBD11;BTBD11	0.00310601	0.0187455	0.4469	-2.23764	0.000584738	0.222468	-4.49503	0.0275351	0.478548	-2.08965	0.331786	1.19613	1.19613	0.00214546	0.295521	-3.38385	0.0401705	0.4946	-2.02162	0.00144558	0.259307	-3.85733	0.0021466	0.259307	-3.85733	0.0637196	0.14377	1.14377	8.47029	10.7263	1.12564	1
cg08816521	BTBD11;BTBD11	0.00401755	0.203875	0.7251132	-1.37843	0.0028373	0.824212	-1.21317	0.0853777	0.420554	-2.37843	0.0419862	0.884984	1.13035	0.0422398	0.407037	-2.45965	0.0401705	0.4946	-2.02162	0.00144558	0.259307	-3.85733	0.0021466	0.259307	-3.85733	0.0637196	0.14377	1.14377	8.47029	10.7263	1.12564	1
cg17559785	BTBD11;BTBD11	0.00519929	0.927642	1.03388	0.741475	0.207517	0.00575187	0.00058846	0.142361	-7.0244	0.0891104	0.29499	-3.38994	0.131723	0.550508	1.8165		0.139347	0.557866	-1.79254	0.0021135	0.0028	0.854204	0.643931	-1.55296	0.788125	0.905906	1.10387	2.25145	15.4571	1.89474	1
cg19726355	BTBD11;BTBD11	0.00632403	0.974907	0.98811	-1.01203	0.662846	0.846337	-1.18156	0.00520743	0.246067	-4.06393	0.362117	0.702545	-1.4234	0.0029906	0.215229	-4.70525	0.106021	0.510999	-1.95695	0.00180829	0.18503	-5.40452	0.00141152	0.172448	-5.79884	0.188619	0.588763	-1.69848	6.82722	15.6388	2.03613	1
cg26515471	BTBD11;BTBD11	0.0196587	0.0320737	0.519238	-1.17421	0.0203973	0.565491	-1.76451	0.0044179	0.171953	-5.81555	0.0849853	1.211209	4.68825	0.0132489	0.153463	-6.51953	0.0844152	0.423505	-2.36126	0.00125125	0.065349	-15.2975	0.0045243	0.125	-8.00000	0.0707102	0.25	-2.35223	0.382381	1.2249	0.74459	0.0721889	1
cg27567561	BTBD11;BTBD11	0.0137348	0.0409949	0.58098	0.58098	0.216254	0.82614	-1.82614	0.138416	0.29222	2.09222	0.0312113	3.2218	3.2218	0.0142717	0.40933	0.40933	0.562532	0.762655	-1.31121	0.042496	0.29478	2.94782	0.00277101	0.75064	0.75064	0.0162522	1.88964	3.38964	5.33328	18.0898	3.01499	1
cg14403746	BTBD11;BTBD11	0.0188319	0.0268463	0.5	-1.86567	0.0156184	0.0936164	-2.68164	0.0139564	0.141	-5.68308	0.0302	0.824882	2.16632	0.0314469	0.419071	-2.3866	0.114659	0.4609	-2.16972	0.0134494	0.108762	-9.19482	0.0010884	0.11606	-8.61655	0.0188327	0.508839	1.96535	1.07139	2.08415	0.7010804	1
cg10673246	BTBD11;BTBD11	0.0354308	0.679948	1.10689	1.10689	0.0231828	1.94348	1.94348	0.133492	0.672854	-1.48521	0.2508	1.34146	1.34146	0.00423916	2.55263	2.55263	0.083117	2.159949	1.59949	0.0362876	1.8147	1.8147	0.144739	1.46735	1.46735	0.297998	1.30227	1.30227	3.85004	5.65438	0.843717	1
cg06405510	BTBD11;BTBD11	0.040105	0.14	1.30242	1.30242	0.424294	0.873031	-1.14543	0.259367	0.12628	2.12628	0.4417671	1.13942	1.13942	0.573631	0.909725	-1.09923	0.198444	1.25376	1.25376	0.0940735	0.533784	-1.85938	0.0631069	0.70291	-1.42266	0.102201	0.70258	1.41363	0.38911	1
cg11841741	BTBD11;BTBD11	0.0455223	0.0291867	0.537059	-1.86218	0.0136868	0.0904755	-2.7604	0.0138446	0.139	-5.84756	0.0297	0.816746	-6.33496	0.0193588	0.0506	-19.7564	0.0619992	0.279027	-3.5845	0.0147946	0.10223	-8.18127	0.0103035	0.220816	-4.52866	0.912586	0.959635	1.06879	5.139	20.4568	5.16791	1
cg05566241	BTBD12	0.00018274	0.330857	0.891417	-1.12181	4.97E-06	0.30348	-3.29511	0.0446722	1.30221	1.30221	0.746061	0.96346	-1.03793	0.00155122	1.68766	1.68766	0.0876154	1.24111	1.24111	0.210376	1.16324	1.16324	0.11239	0.820365	-1.21897	0.871679	0.981651	-1.01869	18.8257	3.91302	0.184761	1
cg05886054	BTBD12	0.00076256	0.571139	1.0495	0.0495	0.0125176	0.605434	-1.76509	0.0244354	0.564539	-1.77136	0.886812	0.995	-1.00503	1.95E-05	0.157353	-6.35624	0.0036104	0.4407	-2.2691	0.00230219	0.400022	-2.49986	0.0016003	0.354667	-2.81959	0.0080856	0.633063	-1.57962	11.9848	8.64739	0.6441358	1
cg00206853	BTBD12	0.00107924	0.420349	0.841819	-1.1879	0.115516	0.430246	0.136325	0.668535	1.09427	1.09427	0.360885	0.916	-1.09161	0.0002779	0.0003075	0.328424	0.044585	0.644	-2.20702	-1.34744	0.154106	0.728076	-1.37348	0.0043916	0.0034907	0.451405	2.2513	11.5145	7.9776	0.61585	1
cg09417761	BTBD12	0.00255956	0.0164882	0.458489	-2.18108	0.0326368	0.514403	-1.94541	0.000123491	0.168272	-5.94278	0.130912	1.54361	1.54361	0.00781866	0.403052	-2.48107	0.0178236	0.464572	-2.15252	0.431374	1.23831	1.23831	0.796691	0.933591	-1.07113	0.0904096	0.608587	-1.64315	8.96964	10.0639	0.997335	1
cg08318318	BTBD12	0.142483	0.1149	1.1149	1.1149	0.0373253	1.30703	1.30703	0.0154434	0.164539	-1.77136	0.886812	1.13635	1.13635	0.00223892	0.410737	-2.43465	0.0041205	0.4046	-2.47134	0.00011627	0.033886	-29.5161	0.0004411	0.033886	-29.5161	0.0004411	0.033886	-29.5161	5.93647	0.608514	1
cg02981752	BTBD12	0.00684855	0.852879	0.9472	-1.05574	0.363647	0.760334	-1.31521	0.00655296	0.356305	-2.80658	0.0061628	0.352039	-2.84059	0.00118553	0.273761	-3.65282	0.0106859	0.391545	-2.55398	0.00515991	0.239888	-4.16959	0.0023481	0.239888	-4.16959	0.0023481	0.239888	-4.16959	0.16958	0.66036	9.00653	1.20201	1
cg05098976	BTBD12	0.00802707	0.0644449	0.484115	-2.06571	0.0380871	0.498	-2.00751	0.0308241	0.158	-4.35064	0.0944	0.488847	2.04798	0.0108421	0.15754	-6.34643	0.610664	1.63792	0.0242568	0.429979	0.358613	0.0209502	0.213469	-4.6849	0.0106642	0.132525	-7.54577	0.111658	0.532306	1.87882	0.38198	16.7619	0.55537	1
cg01849047	BTBD12	0.00115423	0.742876	0.954831	-1.04731	0.0356688	1.40957	1.40957	0.132022	0.795924	-1.2564	0.562463	0.921067	-1.0857	0.198926	0.826465	-1.20997	0.0844152	0.423505	-2.36126	0.00125125	0.065349	-15.2975	0.0045243	0.125	-8.00000	0.0707102	0.25	-2.35223	0.382381	1.2249	0.74459	0.0721889	1
cg07651116	BTBD12	0.0123557	0.940347	0.98497	-1.01524	0.614459	1.33628	1.33628	0.0288271	0.777907	-1.28495	0.210807	0.777907	-1.28495	0.0210807	0.777907	-1.28495	0.0210807	0.777907	-1.28495	0.0210807	0.777907	-1.28495	0.0210807	0.777907	-1.28495	0.0210807	0.777907	-1.28495	0.43717	2.28354	5.08286	0.534837	1
cg22024404	BTBD12	0.029001	0.8564588	1.16756	1.280393	0.871367	1.14762	1.170963	1.22253	0.631863	1.06103	0.160103	0.963248	1.092562	1.02057			0.0312143	1.1467	1.14767	0.021124	0.711549	-1.40538	0.462958	0.912394	-1.09602	0.004036688	0.222566	0.504668	1.17334	6.212	1
cg04924334	BTBD12	0.021109	0.0275609	1.61521	1.61521	0.0435448	1.53272	1.53272	0.186923	1.29356	1.29356	0.0416888	0.649195	-1.54037	0.753176	0.943609	-1.05976	0.502417	0.88228	-1.13343	0.0299879	0.625154	-1.59961	0.0157416	0.580118	-1.72379	0.728235	0.937832	-1.06629	4.61886	2.47663	0.476622	1
cg06733736	BTBD12	0.0124326	0.0275609	1.61521	1.61521	0.0435448	1.53272	1.53272	0.186923	1.29356	1.29356	0.0416888	0.649195	-1.54037	0.753176	0.943609	-1.05976	0.502417	0.88228	-1.13343	0.0299879	0.625154	-1.59961	0.0157416	0.580118	-1.72379	0.728235	0.937832	-1.06629	4.61886	2.47663	0.476622	1
cg02405193	BTBD12	0.0140357	0.213688	0.66357	1.507	0.199054	0.653737	-1.52967	0.670023	0.877038	-1.1402	0.0533732	0.502803	-1.98849	0.109329	0.578761	-1.72783	0.0656445	0.52329	-1.91099	0.00474183	0.308861	-3.23771	0.956296	1.01731	1.01731	0.0062767	0.327949	-3.04926	3.64856	5.66926	1.38119	1
cg00903452	BTBD16	0.00014306	0.0583603	0.736173	-1.43555	0.0116126	1.58588	1.58588	0.13852	0.265514	-3.76912	0.0094328	0.618207	-1.61758	0.167944	0.806707	-1.23961	0.483852	0.90124	-1.1096	4.13E-05	0.319093	-3.13388	0.0974007	0.304521	1.30452	1.30452	0.7117752	0.0987	0.627568	0.300763	1
cg04162153	BTBD16	0.00097866	4.86E-05	0.13686	-7.30672	0.00201	0.702962	-14.2255	0.0097737	0.674563	-1.14343	0.0102049	0.4303312	2.3239	0.540435	0.850998	-1.17509	0.0005655088	0.248798	4.02193	6.74E-05	0.188899	1.28889	0.01200339	0.444287	-2.26097	0.00464402	0.397782	-2.51484	11.8387	12.7088	0.954217	1
cg10462187	BTBD16	0.00653887	0.00042674	0.183092	-5.46172	0.462071	0.796217	-1.25594	0.00540944	0.328121	-3.04766	0.0009008	0.566313	-1.76581	0.940901	0.741755	-1.34815	0.046383	0.499312	-2.00275	0.00166964	0.254503	-3.92923	0.11446	0.592993	-1.68536	0.489626	0.807646	-1.23817	0.75686	0.91499	1.30435	1
cg18483902	BTBD16	0.0169876	0.352546	0.849155	-1.17766	0.0705641	0.689709	-1.45016	0.0760642	0.688597	-1.4529	0.0788241	0.738351	-1.35455	0.0613126	0.738351	-1.35455	0.0613126	0.738351	-1.35455	0.0613126	0.738351	-1.35455	0.0613126	0.738351	-1.35455	0.0613126	0.738351	-1.35455	0.31084	1.4698	2.67246	0.172706	1
cg04485829	BTBD16	0.0196731	0.0113021	1.49747	1.49747	0.203744	0.843051	-1.18617	0.302016	1.14578	1.14578	0.771616	1.03774	1.03774	0.373189	0.889751	-1.12391	0.868984	1.02123	1.02123	0.00211496	1.73327	1.73327	0.0836057	0.783709	-1.27598	0.442723	0.905188	-1.10474	4.73096	1.21373	0.228046	1
cg01077100	BTBD16	0.0105516	0.301751	0.516328	-1.93675	0.116502	0.532984	-1.87623	0.00819425	0.207737	-3.48387	0.0406246	0.814803	-2.39217	0.0014593	0.743404	-1.34516	0.39107	0.679221	-1.47445	0.00204568	0.201216	-4.9697	0.0017029	0.204999	-4.87729	0.0039366	0.497357	-2.01017	4.02213	9.67952	1.19165	1
cg07766875	BTBD16	0.032049	0.0321625	0.491592	-2.03421	0.881897	1.04297	1.04297	0.890877	0.9619	-1.03961	0.599471	1.16178	1.16178	0.00098449	0.250256	3.9959	0.167967	0.659794	-1.51563	0.37398	1.29466	1.29466	0.997767	0.999209	-1.00079	0.524525	0.833187	-1.20021	3.91669	0.06256	1.12735	1
cg03430970	BTBD16;BTBD16	0.0433867	0.120028	0.524066	-1.90816	0.226603	0.614846	-1.62642	0.572641	0.803801	-1.24409	0.684307	0.855039	-1.16954	0.00143395	0.170105	-5.84777	0.10068	0.502149	-1.99144	0.19826	1.68356	1.68356	0.665141	0.84634	-1.18156	0.147664	0.551491	-1.81327	3.57392	8.3078	2.06628	1
cg00395239	BTBD18	0.0144647	0.544649	1.14867	0.382974	0.31224	1.31224	-1.35177	0.0837255	0.222229	1.30079	0.270503	1.30547	1.30547	0.0183133	0.598801	-1.67109	0.0145587	2.24437	2.24437	0.0004556	0.0182133	-17.1782	0.353859	0.156486	1.65686	0.0788727	0.355966	-2.80926	5.38408	22.8764	3.94453	1
cg15714692	BTBD18	0.0136472	0.851884	0.958215	-1.04361	0.0388628	1.72655	1.72655	0.472948	1.18139	1.18139	0.0247679	1.84103	1.84103	0.048461	1.67333	1.67333	0.0508034	0.601624	-1.66217	0.562127	0.874731	-1.14321	0.273284	1.29739	1.29739	0.00341344	0.403095	-2.4808	5.34449	4.4138	0.734098	1
cg09656738	BTBD18	0.0462447	0.0662403	0.576999	1.35607	0.0373837	0.775099	1.28455	0.0481651	1.1153	1.11153	0.0405503	1.88404	1.88404	0.0367534	1.60753	1.60753	0.0509563	1.51616	1.51616	0.0409563	1.56162	1.56162	0.0289717	0.657519	-1.489	0.0153117	0.606584	-1.64915	4.67342	3.98409	0.842466	1
cg00684594	BTBD18	0.0305911	0.0786185	0.493368	-2.02689	0.464925	0.764151	-1.30864	0.235704	1.56745	1.56745	0.454731	1.31705	1.31705	0.0318464	0.4026	-2.48386	0.165473	0.58566	-1.70747	0.103035	0.553808	-1.80568	0.00563549	0.372133	3.72133	0.60912	1.20505	1.20505	4.05858	0.40843	1.84157	1
cg22026316	BTBD19	0.0110648	0.360805	0.802174	-1.24661	0.935803	1.01908	1.01908	0.0196999	0.515355	-1.93665	0.486599	0.847159	-1.18042	0.0231833	0.528943	-1.89056	0.200395	1.37349	1.37349	0.482488	0.845788	-1.18233	0.0298387	0.214875	2.14875	0.156931	0.701023	-1.42649	0.03642	3.51962	0.77508	1
cg17099466	BTBD19	0.0486655	0.905327	1.03197	0.0319702	0.205805	0.820035	-1.21903	0.0288488	0.766166	-1.3048	0.157775	0.834353	1.20229	0.0270459	0.376503	-2.65611	0.334707	0.7481	-1.33675	0.0249453	0.117435	-8.52009	0.0078304	0.117435	-8.52009	0.0078304	0.117

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1-vs-1221 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3527 vs. N)	Fold-Change(1-vs-3527 vs. N)	p-value(3533 vs. N)	Fold-Change(1-vs-3533 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5633 vs. N)	Fold-Change(1-vs-5633 vs. N)	F(Error
cg18990874	BTF3L1	0.00069206	0.00898652	0.503902	-1.99241	0.00256116	0.412807	-2.42244	0.000218746	0.275184	-3.6821	0.502053	1.15545	1.15545	0.000200408	0.267048	-3.74465	0.20162	0.751842	-1.33007	0.00360735	0.434561	-1.30317	0.00360181	0.474286	-2.03843	0.000969125	0.353903	-2.82564	0.13526	9.24935	0.629887	1
cg20689281	BTF3L1	0.02283	0.00968587	0.201704	-4.95776	0.00282127	0.133703	-7.47924	0.020754	0.255526	-3.91349	0.135452	0.455169	-2.19699	0.102852	0.417737	2.39385	0.0332051	1.295911	1.37939	0.0149682	0.231474	-4.32013	0.298976	0.590637	-1.69309	0.674375	0.813268	-1.22961	4.49623	17.0373	3.36822	1
cg11392689	BTF3L4;BTF3L4;BTF3L4	9.00E-05	1.64E-06	0.239214	-4.18307	0.454589	1.09465	1.09465	0.00132137	1.74134	1.74134	0.402123	1.10717	1.10717	0.906289	0.986115	-1.01408	0.264724	1.14799	1.14799	0.517403	1.08104	1.08104	0.0677362	0.784306	-1.27501	0.161333	0.837282	-1.19434	22.7753	5.08457	0.198444	1
cg04166673	BTF3L4;BTF3L4;BTF3L4	0.014761	0.186319	0.775427	-1.28961	0.00828764	0.341375	-2.92705	0.454086	0.672409	-1.48719	0.729922	1.06491	1.06491	0.701855	0.07232	1.07232	0.0399686	0.649866	1.53872	0.770678	0.948323	-1.05449	0.489379	0.891839	-1.12197	0.641461	0.918837	-1.08886	5.20826	2.71838	0.463943	1
cg10566592	BTF3L4;BTF3L4;TKNDC12;BTF3L4	0.0197767	0.0695329	1.37755	1.37755	0.0960959	1.33421	1.33421	0.435326	1.13381	1.13381	0.202689	1.08088	1.2364	0.981788	0.996405	-1.00361	0.481171	1.11961	1.11961	0.00886744	0.454316	-2.20111	0.41768	0.877499	-1.1396	0.783227	0.957419	-1.04447	4.72254	1.86206	0.350483	1
cg04100724	BTG1	0.00748929	0.227799	0.836119	-1.196	0.702941	1.05566	1.05566	0.00439886	1.71967	1.71967	0.823945	1.032	1.032	0.6063	1.07627	1.07627	0.134781	0.796163	-1.25602	0.000497147	0.462813	-2.1607	0.650285	1.06666	1.06666	0.578719	1.08253	1.08253	4.67691	2.0504	0.281396	1
cg25218905	BTG1	0.0464539	0.427757	1.08219	1.08219	0.663828	1.04358	1.04358	0.502355	1.06867	1.06867	0.928673	1.00877	1.00877	0.271411	0.894321	-1.11817	0.148435	1.16324	1.16324	0.00904272	0.723483	-1.3822	0.303367	0.90123	-1.1096	0.00934519	0.725009	-1.37929	3.48371	0.525039	0.133967	1
cg01180607	BTG2	0.00755991	0.00698974	0.649427	-2.18197	0.466558	1.58216	1.58216	0.0102321	1.482645	1.482645	0.0164	1.20459	1.20459	0.0149	1.20459	1.20459	0.905823	0.979886	-1.02061	0.00979508	0.485586	-2.07647	0.344273	1.3114	1.3114	0.0158415	0.516466	-1.93624	6.45789	5.11253	0.703709	1
cg00567854	BTG2	0.0210744	0.0316932	0.529608	-1.88819	0.464646	0.562721	-1.77708	0.130542	0.462261	-1.50998	0.812353	1.06086	1.06086	0.00058837	0.263085	-3.81964	0.365364	0.790787	0.8456	0.0147231	0.152432	-1.47232	0.147242	0.104742	0.639236	0.156437	0.563223	5.61112	0.896685	1
cg13556604	BTG2;BTG2	0.00096799	0.000292064	0.363847	-2.74841	0.570033	0.906384	-1.10329	0.572485	0.960962	-1.10258	0.0816783	0.718645	-1.39151	0.0327859	0.652055	-1.53361	0.000829168	0.422365	-2.36762	0.014031	1.68091	1.68091	0.0328108	0.652108	-1.53349	0.000482389	0.391647	-2.55332	11.9147	5.53262	0.412758	1
cg08875503	BTG3	0.011075	0.13742	1.52052	1.52052	0.0154676	1.56376	1.56376	0.0184439	1.5703453	1.5703453	0.0150613	1.22157	1.81784	0.170849	1.70849	1.70849	0.0157485	1.48128	1.48128	0.00936255	0.651486	-1.53249	0.59115	1.24574	1.24574	0.188623	-1.32316	0.719088	1.24574	0.0108474	0.268589	0.723116	1.24574	15.0883	2.34474	1
cg02652260	BTG3;BTG3	0.0453197	0.0201281	0.451616	-2.21427	0.915998	0.977205	-1.02333	0.0133487	0.266456	-3.75296	0.595952	0.859208	-1.16386	0.696394	0.894766	-1.11761	0.441939	0.80065	-1.24898	0.799796	0.930473	-1.07472	0.485331	1.22269	1.22269	0.43216	0.796666	-1.25523	3.51619	4.47786	1.132	1
cg03832198	BTG4	0.00106327	0.545107	0.885758	-1.12937	0.0211317	0.564131	-1.70558	1.49E-05	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	0.0033597	1
cg23756005	BTG4	0.00144506	0.38537	1.29696	1.29696	0.0272048	0.459437	-1.42658	0.000335097	0.184353	-5.42437	0.00856381	0.375169	-2.66547	0.299029	0.730053	-1.36976	0.00634054	0.353871	-2.82589	0.000545061	0.207918	-4.80959	0.00089271	0.433563	-4.2815	0.207758	0.67622	-1.47942	10.5927	14.335	1.32202	1
cg00148270	BTK;C11orf81;C11orf88;MIR34C	0.0241111	0.310746	0.737917	-1.35517	0.100596	1.68404	1.68404	0.265058	0.754203	-1.40016	0.382418	0.77138	-1.29675	0.0898261	0.644262	1.55212	0.00816972	0.374975	-2.66684	0.0259887	0.298474	-3.35037	0.189209	0.668164	-1.49664	0.793154	1.07898	1.07898	4.43223	5.86816	1.18217	1
cg06995808	BTK;MIR34B	0.0493648	0.53295	0.849614	-1.17701	0.434596	1.22869	1.22869	0.00103423	0.169929	5.884681	0.464262	0.852121	-1.21194	0.0815635	0.607554	-1.6457	0.105649	0.633712	1.578	0.574846	0.869396	-1.15049	0.0460996	0.377961	-2.64578	0.320502	0.767285	1.3033	7.97071	0.997566	0.144	1
cg23806002	BTK;MIR34C;MIR34B	0.0386661	0.0281812	4.76651	4.76651	0.6098885	3.39123	3.39123	0.123736	2.73043	2.73043	0.681206	1.28045	1.28045	0.14034	2.60064	2.60064	0.0645461	3.49395	3.49395	0.00251722	12.5245	12.5245	0.0495508	3.85873	3.85873	0.0417129	4.11418	4.11418	3.72933	21.4461	5.1105	1
cg15847896	BTK	0.00184936	0.00192195	0.47089	-2.47593	0.0065558	0.312015	-3.20497	0.0098511	0.477149	-2.09578	0.736723	0.927503	-1.07816	0.000182188	0.340582	-4.08027	0.0459194	0.598673	-1.67036	0.0181519	0.585097	-1.70912	0.0118411	0.466156	-2.01549	0.0098204	0.482874	-2.07093	9.86403	7.77167	0.700338	1
cg02989033	BTK	0.00241388	0.00619611	0.567854	-1.96907	0.0204221	0.408498	-2.44799	0.0181714	0.337588	-2.96219	0.00831657	0.599485	-1.66792	0.0019306	0.223579	0.213655	0.48604	0.820251	1.82053	0.0862046	0.183642	1.83059	0.303338	0.313858	3.18603	0.237661	0.627773	-1.48639	5.12653	14.8375	1.44526	1
cg16397002	BTK	0.0147648	0.152529	2.69083	2.69083	0.1150834	0.145257	-6.88434	0.113937	0.329277	-3.03696	0.223404	0.437654	-2.28491	0.140111	0.358668	-2.78809	0.504528	1.54876	1.54876	0.00101851	0.0429792	-23.2671	0.028718	0.188887	-5.29417	0.612283	0.718823	-1.39116	5.20783	34.4154	5.87413	1
cg03791917	BTK	0.0183057	0.977984	0.992441	-1.00767	0.0045648	0.885547	-1.12925	0.00156858	0.374581	-2.66965	0.0126273	0.426281	-2.34557	0.0053272	0.534379	-2.54663	0.181206	0.67874	-1.47358	0.0075499	0.266804	-3.74843	0.36892	-1.27003	0.647875	0.574967	-1.73923	0.647458	5.80523	1.04449	1
cg27235557	BTK;TIMM8A;TIMM8A	0.00404715	0.00155645	0.193708	-5.1624	0.0127982	0.329177	-3.03788	0.00714352	0.285965	-3.48474	0.380015	0.723537	-1.3821	0.000258412	0.115246	-8.67707	0.040355	0.426089	-2.34498	0.576-05	0.0685084	1.94567	0.0026594	0.0926592	-10.7922	0.272665	0.663466	-1.50724	15.1512	30.9868	1.81793	1
cg16881698	BTN1A1	0.00219524	0.0240522	1.3388	1.3388	0.0300461	1.55961	1.55961	0.14958	1.4958	1.4958	0.0852098	0.679231	-1.47225	0.00935631	0.716363	1.39607	0.111225	0.616736	1.62173	0.0139503	0.717663	1.39407	0.0825783	0.0965163	1.5606	0.0249791	0.815439	-1.22633	0.0496868	0.633023	0.0806	0.0806	0.0806	0.0806	0.0806	1
cg12806728	BTN1A1	0.00396998	0.172526	0.744458	-1.34326	0.0918649	1.45819	1.45819	0.0852098	0.679231	-1.47225	0.00935631	0.366512	-2.72843	0.00209784	0.414964	2.40985	0.518121	1.14244	1.14244	0.0238111	0.577946	-1.73026	0.0474964	0.630797	-1.5853	0.00429147	0.460089	-2.17349	7.87034	5.14958	0.581602	1
cg11239695	BTN2A1;BTN2A1	0.00055121	0.883479	1.07755	1.07755	8.33E-05	0.127153	-36.8554	0.767269	1.16318	1.16318	7	7	7	0.648413	0.791508	-1.26341	0.201885	1.98645	1.98645	0.000923654	0.0804337	-12.4326	0.684962	1.2309	1.2309	0.000292598	0.0940648	-22.2164	14.2466	52.0288	3.65201	1
cg03069351	BTN2A1;BTN2A1	0.00179534	0.336035	0.849614	-1.17701	0.434596	1.22869	1.22869	0.00103423	0.169929	5.884681	0.464262	0.852121	-1.21194	0.0815635	0.607554	-1.6457	0.105649	0.633712	1.578	0.574846	0.869396	-1.15049	0.0460996	0.377961	-2.64578	0.320502	0.767285	1.3033	7.97071	0.997566	0.144	1
cg19390682	BTN2A2;BTN2A2	0.00045191	0.00234046	0.6054	-1.6518	0.00528856	0.647684	-1.54396	0.0255207	0.730844	-1.36828	0.000315727	0.501807	-1.9928	0.000618823	0.536601	-1.86358	0.523192	0.938282	-1.06578	0.161637	1.19313	1.19313	0.512987	0.924608	-1.08154	6.24E-05	0.418309	-2.39058	14.6965	3.24899	0.196509	1
cg23574956	BTN2A2;BTN2A2;BTN2A2	0.00104409	0.0167004	0.585586	-1.7083	0.0742814	0.59258	-1.92058	0.0833561856	0.836905	-1.19506	0.0155265	0.475748	-2.10278	0.0479503	1.03576	0.965514	0.0109192	0.54446	1.83668	0.0102299	0.194	5.15427	0.0398153	0.439139	2.27662	0.0196447	0.49382	2.02483	0.0239	1.16322	11.5277	6.40418	0.491382	1
cg15676542	BTN2A3	0.00815928	0.0388299	0.44597	-2.2423	0.368569	1.36582	1.36582	0.072473	1.96711	1.96711	0.800052	0.917893	-1.08945	0.983171	0.992989	1.00706	0.223462	0.649356	1.53999	0.000499209	0.159074	-6.28637	0.0228837	0.398912	-2.50682	0.184972	1.60734	0.63049	11.3789	1.60425	1
cg23411274	BTN3A1	0.0149766	0.0153408	0.602858	-1.65876	0.3816664	1.16484	1.16484	0.509329	1.12057	1.12057	0.0151509	1.66101	1.66101	0.00806976	0.561565	-1.78074	0.0973626	1.36257	1.36257	0.9309	1.00147	1.00147	0.463147	1.13542	1.13542	0.0468504	0.679115	-1.4725	5.18337	2.37415	0.40714	1
cg24109019	BTN3A1	0.0476413	0.0284	1.32819	1.32819	0.0384318	1.57427	1.74177	8.32E-05	0.379535	1.19431	1.19431	0.302025	1.11941	0.0178932	1.12122	1.12122	0.0335212	1.24132	1.24132	0.0108868	0.804	1.43943	0.481365	1.16424	1.16424	0.0838405	1.17805	1.17805	0.73944	0.0454717	0.106663	1
cg18807527	BTN3A1;BTN3A1;BTN3A1;BTN3A1	0.00033973	0.000116504	0.290687	-3.44013	0.0214187	0.603029	-1.65829	0.0553573	0.672053	-1.48798	5.55E-05	0.253502	-3.94475	0.00283504	0.471375	2.12145	0.000696667	0.38808	2.57679	0.0981595	0.139099	7.19205	0.00283504	0.471375	2.12145	0.0981595	0.139099	7.19205	0.00283504	0.471375	2.12145	0.0981595	0.139099	7.19205	0.00283504	1
cg26918792	BTN3A1;BTN3A1;BTN3A1;BTN3A1	0.00248402	0.00470721	0.346624	-2.88511	0.0124113	0.270721	-3.69093	0.00357242	0.241356	-4.14266	0.0119494	0.915344	-1.09252	0.0153446	0.452582	2.20971	0.0092688	0.37908	2.63817	0.0148843	0.425047	-2.35075	0.0041556	0.210525	4.74999	0.0052367	0.227071	-4.40477	0.0041556	0.210525	4.74999	0.0052367	0.227071	-4.40477	0.0041556	1
cg22068371	BTN3A1;BTN3A1;BTN3A1;BTN3A1;BTN3A1;BTN3A1;BTN3A1;BTN3A1	0.0289837	0.0442539	0.468993	-2.13223	0.0038099	0.27845	-3.59131	0.0168625	0.384698	-2.59944	0.668444	0.868342	-1.15162	0.0342594	0.445164	2.24636	0.102607	0.556982	-1.79539	0.0248537	0.416852	-2.39893	0.546038	1.22163	1.22163	0.171762	0.62085	-1.6107	4.13705	7.03429	1.51139	1
cg15279766	BTN3A1;BTN3A1;BTN3A1;BTN3A1	0.0256422	0.370825	0.794951	-1.25794	0.0306421	1.28545	1.28545	0.0137205	2.14034	2.14034	0.40478	0.807997	-1.23763	0.00602398	0.408184	2.44987	0.271205	1.33115	1.33115	0.344076	0.812486	1.21686	1.21686	0.347321	1.27334	1.27334	0.140941	1.22853	1.22853	4.81391	0.426533	0.877861	1
cg14345882	BTN3A2	0.0111421	0.0133707	0.352685	-2.83539	0.492591	0.768955	-1.2675	0.00328491	0.256006	-3.90617	0.00624833	0.297558	-3.36069	0.0732607	0.506909	-1.97274	0.0792864	0.515493	-1.93989	0.00878865	0.321422	-3.11113	0.00468668	0.280084	-3.57036	0.886245	0.952478	-1.04989	5.70885	10.4607	1.62878	1
cg23465465	BTN3A2	0.0318866	0.0288364	0.324997	-3.07703	0.0400045	0.571549	-1.74969	0.00859289	0.233758	-4.27855	0.00396503	0.355885	-4.18663	0.00938883	0.376262	2.65773	0.0495557	0.376268	2.65773	0.0176268	0.145	6.87284	0.0127886	0.425248	2.35137	0.0110984	0.458507	-2.18107	0.0090494	0.362409	2.75911	0.0127886	0.425248	2.35137	0.0110984	1
cg21432745	BTN3A2	0.0192683	0.663026	0.922563	-1.08394	0.0347299	1.57225	1.57225	0.276185	0.812021	-1.2315	0.0716071	1.44747	1.44747	0.0478193	1.51584	1.51584	0.364777	0.842655	-1.18673	0.0181784	1.24892	2.24992	0.0658906	0.145882	6.14582	0.274465	1.44099	0.74644	2.55007	0.475763	1
cg10795676	BTN3A2	0.0136422	0.389616	0.797551	-1.25384	0.285188	0.752144	-1.32953	0.31264	0.76492	-1.30733	0.561296	1.16266	1.16266	0.000524563	0.249879	-4.00194	0.261798	0.740637	-1.35019	0.683988	0.900324	-1.11071	0.676902	1.11352	1.11352	0.308218	0.76291	-1.31077	9.92277	4.09023	0.926836	1
cg12537337	BTN3A3;BTN3A3	0.00228755	0.0114772	0.5665	-1.76501	0.0357986	0.6048	-1.65309	0.0196066	0.826812	-1.20975	0.0769681	0.965599	-1.03584	0.455553	0.776257	1.28834	0.233509	0.735557	-1.35967	0.276-05	0.0684838	-14.602	0.996413	0.998274	-1.00173	0.00053594	0.127455	-7.84593	12.7076	6.28189	0.207964	1
cg09393556	BTN3A3;BTN3A3	0.00916391	0.576417	1.11593	1.11593	0.975103	1.00608	1.00608	0.736096	0.936368	-1.06796	0.583744	0.898033	-1.11355	0.000398426	0.318559	3.13914	0.0357529	0.621935	-1.60788	0.0504239	1.54249	1.54249	0.109236	0.712161	-1.40418	0.191537	0.764336	1.53049	0.077244	0.5362	0.531832	1
cg01269795	BTN3A3;BTN3A3	0.0161802	0.0118823	0.541854	-1.84566	0.0228801	0.544744	-1.83633	0.0159752	0.849483	-1.17743	0.564769	1.17816	1.17816	0.00655274	0.202023	-4.95	0.531755	0.7945	-1.25854	0.0240805	0.202023	-4.95	0.0238047	0.154202	-6.48511	0.0238047	0.154202	-6.48511	0.0238047	0.154202	-6.48511	0.0238047	0.154202	-6.48511	0.0238047	1
cg05381852	BTN3B	8.83E-06	0.0524589	1.43024	1.43024	0.8643	0.972625	-1.02815	3.99E-06	0.175733	-5.69045	7.98E-06	0.204801	-4.88278	0.00412062	0.535618	-1.867	0.772775	0.954107	-1.0481	9.95E-07	0.124122	-8.05659	0.0921694	0.74023	-1.35093	0.427374	0.876784	-1.14053	41.9005	17.4731	0.37068	1
cg12966392	BTN3B	0.0726354	0.727087	-1.32903	0.00406297	1.64191	1.64191	0.0148107	0.0187412	0.642539	1.55638	0.0148107	0.0187412	0.642539	1.55638	0.0148107	0.0187412	0.642539	1.55638	0.0148107	0.0187412	0.642539	1.55638	0.0148107	0.0187412	0.642539	1.55638	0.0148107	0.0187412	0.642539	1.55638	0.0148107	0.0187412	0.642539	1.55638	0.0148107	1
cg15676542	BTN3A3	0.00815928	0.0388299	0.44597	-2.2423	0.368569	1.36582	1.36582	0.072473	1.96711	1.96711	0.800052	0.917893	-1.08945	0.983171	0.992989	1.00706	0.223462	0.649356	1.53999	0.000499209	0.159074	-6.28637	0.0228837	0.398912	-2.50682	0.184972	1.60734	0.63049	11.3789	1.60425	1
cg23411274	BTN3A3	0.0149766	0.0153408	0.602858	-1.65876	0.3816664	1.16484	1.16484	0.509329	1.12057	1.12057	0.0151509	1.66101	1.66101	0.00806976	0.561565	-1.78074	0.0973626	1.36257	1.36257	0.93099	1.00147	1.00147	0.463147	1.13542	1.13542	0.0468504	0.679115	-1.4725	5.18337	2.37415	0.40714	1
cg24109019	BTN3A3	0.0476413	0.0284	1.32819	1.32819	0.0384318	1.57427	1.74177	8.32E-05	0.379535	1.19431	1.19431	0.302025	1.11941	0.0178932	1.12122	1.12122	0.0335212	1.24132	1.24132	0.0108868	0.804	1.43943	0.481365	1.16424	1.16424	0.0838405	1.17805	1.17805	0.73944	0.0454717	0.106663	1
cg18807527	BTN3A3;BTN3A3;BTN3A3;BTN3A3	0.00033973	0.000116504	0.290687	-3.44013	0.0214187	0.603029	-1.65829	0.0553573	0.672053	-1.48798	5.55E-05	0.253502	-3.94475	0.00283504	0.471375	2.12145	0.000696667	0.38808	2.57679	0.0981595	0.139099	7.19205	0.00283504	0.471375	2.12145	0.0981595	0.139099	7.19205	0.00283504	0.471375	2.12145	0.0981595	0.139099	7.19205	0.00283504	1
cg26918792	BTN3A3;BTN3A3;BTN3A3;BTN3A3	0.00248402	0.00470721	0.346624	-2.88511	0.0124113	0.270721	-3.69093	0.00357242	0.241356	-4.14266	0.0119494	0.915344	-1.09252	0.0153446	0.452582	2.20971	0.0092688	0.37908	2.63817	0.0148843	0.425047	-2.35075	0.0041556	0.210525	4.74999	0.0052367	0.227071	-4.40477	0.0041556	0.210525	4.74999	0.0052367	0.227071	-4.40477	0.0041556	1
cg22068371	BTN3A3;BTN3A3;BTN3A3;BTN3A3;BTN3A3;BTN3A3;BTN3A3;BTN3A3	0.0289837	0.0442539	0.468993	-2.13223	0.0038099	0.27845	-3.59131	0.0168625	0.384698	-2.59944	0.668444	0.868342	-1.15162	0.0342594	0.445164	2.24636	0.102607	0.556982	-1.79539	0.0248537	0.416852	-2.39893	0.546038	1.22163	1.22163	0.171762	0.62085	-1.6107	4.13705	7.03429	1.51139	1
cg15279766	BTN3A3;BTN3A3;BTN3A3;BTN3A3	0.0256422	0.370825	0.794951	-1.25794	0.0306421	1.28545	1.28545	0.0137205	2.14034	2.14034	0.40478	0.807997	-1.23763	0.00602398	0.408184	2.44987	0.271205	1.33115	1.33115	0.344076	0.812486	1.21686	1.21686	0.347321	1.27334	1.27334	0.140941	1.22853	1.22853	4.81391	0.426533	0.877861	1
cg14345882	BTN3A2	0.0111421	0.0133707	0.352685	-2.83539	0.492591	0.768955	-1.2675	0.00328491	0.256006	-3.90617	0.00624833	0.297558	-3.36069	0.0732607	0.506909	-1.97274	0.0792864	0.515493	-1.93989	0.00878865	0.321422	-3.11113	0.00468668	0.280084	-3.57036	0.886245	0.952478	-1.04989	5.70885	10.4607	1.62878	1
cg23465465	BTN3A2	0.0318866	0.0288364	0.324997	-3.07703	0.0400045	0.571549	-1.74969	0.00859289	0.233758	-4.27855	0.00396503	0.355885	-4.18663	0.00938883	0.376262	2.65773	0.0495557	0.376268	2.65773	0.0176268	0.145	6.87284	0.0127886	0.425248	2.35137	0.0110984	0.458507	-2.18107	0.0090494	0.362409	2.75911	0.0127886	0.425248	2.35137	0.0110984	1
cg21432745	BTN3A2	0.0192683	0.663026	0.922563	-1.08394	0.0347299	1.57225	1.57225	0.276185	0.812021	-1.2315	0.0716071	1.44747	1.44747	0.0478193	1.51584	1.51584	0.364777	0.842655	-1.18673	0.0181784	1.24892	2.24992	0.0658906	0.145882	6.14582	0.274465	1.44099	0.74644	2.55007	0.475763	1
cg10795676	BTN3A2	0.0136422	0.389616	0.797551	-1.25384	0.285188	0.752144	-1.32953	0.31264	0.76492	-1.30733	0.561296	1.16266	1.16266	0.000524563	0.249879	-4.00194	0.261798	0.740637	-1.35019	0.683988	0.900324	-1.11071	0.676902	1.11352	1.11352	0.308218	0.76291	-1.31077	9.92277	4.09023	0.926836	1
cg12537337	BTN3A3;BTN3A3	0.00228755	0.0114772	0.5665	-1.76501	0.0357986	0.6048	-1.65309	0.0196066	0.826812	-1.20975	0.0769681	0.965599	-1.03584	0.455553	0.776257	1.28834	0.233509	0.735557	-1.35967	0.276-05	0.0684838	-14.602	0.996413	0.998274	-1.00173	0.00053594	0.127455	-7.84593	12.7076	6.28189	0.207964	1
cg09393556	BTN3A3;BTN3A3	0.00916391	0.576417	1.11593	1.11593	0.975103	1.00608	1.00608	0.736096	0.936368	-1.06796	0.583744	0.898033	-1.11355	0.000398426	0.318559	3.13914	0.0357529	0.621935	-1.60788	0.0504239	1.54249	1.54249	0.109236	0.712161	-1.40418	0.191537	0.764336	1.53049	0.077244	0.5362	0.531832	1
cg01269795	BTN3A3;BTN3A3	0.0161802	0.0118823	0.541854	-1.84566	0.0228801	0.544744	-1.83633	0.0159752	0.849483	-1.17743	0.564769	1.17816	1.17816	0.00655274	0.202023	-4.95	0.531755	0.7945	-1.25854	0.0240805	0.202023	-4.95	0.0238047	0.154202	-6.48511	0.0238047	0.154202	-6.48511	0.0238047	0.154202	-6.48511	0.0238047	0.154202	-6.48511	0.0238047	1
cg05381852	BTN3B	8.83E-06	0.0524589	1.43024	1.43024	0.8643	0.972625	-1.02815	3.99E-06	0.175733	-5.69045	7.98E-06	0.204801	-4.88278	0.00412062	0.535618	-1.867	0.772775	0.954107	-1.0481	9.95E-07	0.124122	-8.05659	0.0921694	0.74023	-1.35093	0.427374	0.876784	-1.14053	41.9005	17.4731	0.37068	1
cg12966392	BTN3B	0.0726354	0.727087

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23423227	BUB3;BUB3	0.000711706	0.000232906	4.28888	4.28888	0.0169001	2.00357	2.00357	0.256562	0.753974	-1.32631	0.00729874	2.28196	2.28196	0.118505	0.667556	-1.498	0.00164829	2.92817	2.92817	0.000148006	4.73797	4.73797	0.0959399	1.54656	1.54656	0.196901	1.3845	1.3845	12.9506	11.664	0.800579	1
cg00772091	BUB3;BUB3	0.0121107	0.0077406	0.432178	-2.31386	0.00249835	0.356927	-2.80169	0.136242	0.674541	-1.48249	0.506414	0.847611	-1.17979	0.0232682	0.514218	-1.9447	0.117375	0.658941	-1.51759	0.00496549	0.401652	-2.48972	0.00645654	0.419545	-2.38354	0.0615317	0.596587	-1.6762	5.55691	5.29353	0.846757	1
cg17522735	BUB3;BUB3	0.0190873	0.0611183	0.451963	-2.21257	0.0826986	0.485205	-2.06099	0.0389889	0.406881	-2.45772	0.0144222	0.321507	-3.11035	0.00317363	0.219452	-4.5568	0.385299	0.715373	-1.39787	0.00786806	0.277152	-3.60812	0.804505	0.910895	-1.09782	0.0133992	0.315844	-3.16612	4.77965	10.7201	1.99367	1
cg12390907	BUB3;BUB3	0.0266479	0.010259	1.83647	1.83647	0.403692	0.851689	-1.17414	0.0257521	1.64466	1.64466	0.340317	0.831422	-1.20276	0.183229	0.766978	-1.30382	0.832019	0.96088	-1.04071	0.400779	1.17536	1.17536	0.328688	0.827457	-1.20852	0.00864287	1.87564	1.87564	4.26123	2.38198	0.49688	1
cg24524485	BUB3;BUB3	0.0390807	0.0242846	0.124414	-8.03767	0.0160675	0.101582	-9.84427	0.0836529	0.226265	-4.4196	0.105986	0.253997	-3.93705	0.0429921	0.164046	-6.09585	0.138965	0.290487	-3.44249	0.00532279	0.0578348	-17.2906	0.059598	0.192018	-5.20784	0.0607292	0.193768	-5.1608	3.71476	35.4453	8.48153	1
cg09849846	BUB3;BUB3	0.0434307	0.987409	1.00257	1.00257	0.00559677	0.553977	-1.80513	?	?	?	0.270965	1.20451	1.20451	0.200057	1.24579	1.24579	0.200589	1.24543	1.24543	0.211233	1.23843	1.23843	0.439162	1.13667	1.13667	0.0736534	0.723428	-1.38231	3.62747	1.34607	0.371075	1
cg23724447	BUB3;BUB3;BUB3;BUB3	0.00252034	0.265373	1.06445	1.06445	0.187258	1.07811	1.07811	0.00277002	1.24863	1.24863	0.00345382	0.807632	-1.23819	0.00289431	1.24653	1.24653	0.0861688	1.1074	1.1074	0.302061	0.944095	-1.05922	0.143023	1.08839	1.08839	0.00212398	1.26157	1.26157	9.01052	0.413174	0.0407597	1
cg06418878	BUD13;BUD13	0.0391677	0.0636108	0.777598	-1.28601	0.00934417	1.48828	1.48828	0.613574	0.940429	-1.06334	0.286515	1.14282	1.14282	0.852701	0.97783	-1.02267	0.785012	1.03353	1.03353	0.119786	0.815801	-1.22579	0.0173783	0.70514	-1.41816	0.519694	1.0819	1.0819	3.71173	0.855259	0.204818	1
cg02770546	BUD31	0.00424144	0.00141567	0.645055	-1.55026	0.0231742	0.772885	-1.29385	0.780623	0.97385	-1.02685	0.00568596	0.708751	-1.41093	0.000416972	0.587893	-1.70099	0.318497	0.906784	-1.1028	0.982336	1.0021	1.0021	0.0200684	0.766261	-1.30504	0.0320592	0.78793	-1.26915	7.71477	1.10055	0.126805	1

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cg16476048	C10orf122	0.00668449	0.176089	0.576202	-1.7355	0.0210451	0.345192	-2.89694	0.0252131	0.36056	-2.77346	0.0236382	0.355008	-2.81684	0.0019221	0.18579	-5.38243
cg02292704	C10orf122	0.014141	0.837021	0.969346	-1.03162	0.447353	1.12418	1.12418	0.385669	1.14388	1.14388	0.0471174	0.709349	-1.40974	0.0702387	0.736465	-1.35784
cg17766828	C10orf122	0.0165919	0.951104	0.991029	-1.00905	0.135855	0.789626	-1.26642	0.121109	0.78113	-1.2802	0.378668	0.875699	-1.14195	0.00448313	0.572992	-1.74523
cg03018949	C10orf122;C10orf122	0.0425709	0.0712535	0.448759	-2.22837	0.479206	1.33119	1.33119	0.520339	0.771716	-1.29581	0.00893197	0.266392	-3.75386	0.0655909	0.439646	-2.27456
cg09105657	C10orf125;C10orf125	0.000586294	0.949494	0.985045	-1.01518	0.196084	0.722392	-1.38429	0.371142	0.803771	-1.24414	0.000426626	0.265323	-3.769	5.34E-05	0.166376	-6.01049
cg24660675	C10orf125;C10orf125	0.000794755	0.0322278	0.78191	-1.27892	0.000743504	0.605163	-1.65245	0.00831366	0.718283	-1.39221	0.724264	1.03535	1.03535	0.0262621	0.772162	-1.29506
cg00284153	C10orf125;C10orf125	0.0027162	0.932192	0.979426	-1.02101	0.00487276	0.401837	-2.48857	0.280071	1.3156	1.3156	0.975548	0.992541	-1.00752	0.00138819	0.322366	-3.10206
cg21345949	C10orf125;C10orf125	0.00796781	0.778208	1.14378	1.14378	0.184742	0.512105	-1.95273	0.524388	1.35923	1.35923	0.78436	0.877661	-1.13939	0.000150369	0.0452146	-22.1168
cg18043267	C10orf125;C10orf125	0.00914241	0.000334916	0.0776927	-12.8712	0.83077	1.09913	1.09913	0.370824	0.666402	-1.5006	0.00790337	0.22209	-4.50267	0.0578588	0.387869	-2.57819
cg13336642	C10orf125;C10orf125	0.0106795	0.0549594	1.28302	1.28302	0.283175	0.880124	-1.1362	0.0336163	1.3287	1.3287	0.373923	0.900759	-1.11017	0.268406	0.876336	-1.14112
cg05456948	C10orf125;C10orf125	0.0188054	0.608679	1.21383	1.21383	0.0362444	2.49371	2.49371	0.00539871	3.95267	3.95267	0.0250551	2.71906	2.71906	0.113888	1.90687	1.90687
cg03128219	C10orf128	0.00669846	0.135097	1.33696	1.33696	0.000998575	0.414333	-2.41352	0.00663589	0.529844	-1.88735	0.428557	1.15685	1.15685	0.668246	0.925221	-1.08082
cg01400541	C10orf128	0.0149731	0.0805146	0.729542	-1.37072	0.725126	0.944191	-1.05911	0.949213	1.01042	1.01042	0.0010631	0.455156	-2.19705	0.0924313	1.35156	1.35156
cg25921502	C10orf128	0.026167	0.0598284	0.333169	-3.00148	0.0141069	0.208462	-4.79703	0.0162432	0.21842	-4.57834	0.262609	0.546334	-1.83038	0.00585206	0.154543	-6.4707
cg01311537	C10orf128	0.0311339	0.00848289	0.49651	-2.01406	0.436481	1.17988	1.17988	0.805827	0.949976	-1.05266	0.569763	1.12716	1.12716	0.0439732	0.617337	-1.61986
cg08913530	C10orf129	0.0199468	0.309763	0.829842	-1.20505	0.11031	0.734316	-1.36181	0.0109589	0.567493	-1.76214	0.266885	0.814431	-1.22785	0.00255001	0.475769	-2.10186
cg05258264	C10orf129	0.0216944	0.605242	0.90364	-1.10663	0.70689	1.07617	1.07617	0.00598452	0.497504	-2.01003	0.754596	1.06283	1.06283	0.091285	1.43534	1.43534
cg07571954	C10orf131	0.000170597	0.00545595	0.662085	-1.51038	0.473833	1.08565	1.08565	0.0160966	1.39411	1.39411	5.74E-06	0.315955	-3.16501	0.133122	0.832941	-1.20056
cg17886662	C10orf131	0.000189541	0.16472	0.805682	-1.24118	6.80E-06	0.233335	-4.28569	0.000283052	0.42117	-2.37434	0.928333	0.986972	-1.0132	0.353862	0.870187	-1.14918
cg25089494	C10orf131	0.0209749	0.33879	0.795734	-1.2567	0.12353	1.47194	1.47194	0.428784	1.20586	1.20586	0.880877	0.965847	-1.03536	0.00237076	2.67036	2.67036
cg16011480	C10orf131	0.0299527	0.330655	1.07364	1.07364	0.00324215	0.752595	-1.32874	0.188263	0.906021	-1.10373	0.405012	0.94147	-1.06217	0.0321184	1.19447	1.19447
cg11111859	C10orf131	0.0443461	0.154315	0.820751	-1.2184	0.0553874	0.754791	-1.32487	0.965545	0.99442	-1.00561	0.495292	0.914203	-1.09385	0.0231912	0.703563	-1.42134
cg00188298	C10orf131;C10orf131	0.0132257	0.0321917	1.29432	1.29432	0.266024	0.887646	-1.12658	0.246669	1.13267	1.13267	0.197282	1.15046	1.15046	0.23459	1.13669	1.13669
cg18429793	C10orf137	0.00411602	0.887405	1.01098	1.01098	0.0928054	0.867109	-1.15326	0.00133558	1.43272	1.43272	0.0419452	0.834654	-1.1981	0.0503549	1.18767	1.18767
cg19668397	C10orf137	0.00492143	0.855567	0.970853	-1.03002	0.533427	0.902667	-1.10783	0.484204	1.12234	1.12234	0.0374215	1.48005	1.48005	0.00323306	0.520926	-1.91966
cg19049077	C10orf137	0.0186282	0.779581	1.04928	1.04928	0.00140256	2.21056	2.21056	0.106758	1.35248	1.35248	0.106811	1.3524	1.3524	0.570246	0.906316	-1.10337
cg09112790	C10orf137	0.0382846	0.313173	0.724321	-1.3806	0.693386	1.13033	1.13033	0.666408	0.874516	-1.14349	0.00266789	0.276888	-3.61157	0.0126186	0.383355	-2.60855
cg22856949	C10orf137	0.0467638	0.00674802	0.610193	-1.63882	0.111929	1.27567	1.27567	0.0564357	1.35499	1.35499	0.574227	1.08312	1.08312	0.8307	1.03057	1.03057
cg24079455	C10orf137;C10orf137	0.00024351	0.100098	0.74745	-1.33788	0.0536575	0.701864	-1.42478	0.448142	0.882592	-1.13303	0.0492757	0.695891	-1.43701	0.0619497	1.40437	1.40437
cg08732623	C10orf137;C10orf137	0.00650127	0.125378	0.852442	-1.1731	0.0769213	1.20843	1.20843	0.750925	1.03113	1.03113	0.273548	1.11591	1.11591	0.972181	0.996649	-1.00336
cg25446329	C10orf140	0.000929789	0.131018	0.613638	-1.62963	0.625509	1.15872	1.15872	0.839584	0.941101	-1.06258	0.274923	0.711617	-1.40525	0.23108	1.45681	1.45681
cg19257478	C10orf140	0.00123418	0.342652	0.897712	-1.11394	0.0914941	1.22766	1.22766	0.0134985	0.713553	-1.40144	0.00118177	1.69053	1.69053	0.0172431	0.725984	-1.37744
cg20247661	C10orf140	0.0017598	0.0247737	0.576373	-1.73499	0.0132849	0.53124	-1.88239	0.0905924	0.680852	-1.46875	0.166151	1.35584	1.35584	0.00386544	0.448254	-2.23088
cg01443922	C10orf140	0.00189165	0.0220652	0.34978	-2.85894	0.00155287	0.17536	-5.70254	0.138737	0.543461	-1.84006	0.0344537	0.389167	-2.56959	0.00293045	0.20937	-4.77624
cg22700691	C10orf140	0.00259272	0.00244422	0.302758	-3.30297	0.00280191	3.21256	3.21256	0.0301273	2.05985	2.05985	0.109137	0.609537	-1.64059	0.00327928	0.32127	-3.11265
cg02738256	C10orf140	0.0027707	0.295841	1.08566	1.08566	0.00148696	0.706509	-1.41541	0.0687249	0.856878	-1.16703	0.0125098	1.2656	1.2656	0.867981	0.987466	-1.01269
cg27256270	C10orf140	0.00384633	0.0930559	0.686009	-1.45771	0.0181205	1.79562	1.79562	0.000415652	0.319122	-3.13359	0.0528847	0.638412	-1.56639	0.00675559	0.488613	-2.04661
cg26867545	C10orf140	0.0148782	0.115654	0.537096	-1.86186	0.991903	1.0037	1.0037	0.467214	1.30849	1.30849	0.154758	0.574922	-1.73937	0.0519711	0.447707	-2.2336
cg20125920	C10orf140	0.0197513	0.0179826	0.214058	-4.67163	0.0173853	0.21161	-4.72568	0.450337	0.662025	-1.51052	0.0766607	0.347869	-2.87464	0.00918185	0.169672	-5.89373
cg26839863	C10orf140	0.0219438	0.0470452	0.488572	-2.04678	0.254701	0.687441	-1.45467	0.945284	0.978603	-1.02187	0.578463	0.837881	-1.19349	0.0147865	0.388597	-2.57336
cg00889599	C10orf140	0.0255532	0.372506	0.741225	-1.34912	0.0794013	0.528945	-1.89055	0.131901	1.70214	1.70214	0.754701	1.10795	1.10795	0.349915	0.730005	-1.36985
cg07135237	C10orf140	0.0306556	0.0243821	0.237568	-4.20933	0.475235	0.677719	-1.47554	0.225807	0.505855	-1.97685	0.124854	0.410592	-2.43551	0.00214346	0.0992451	-10.0761
cg16248287	C10orf140	0.0352916	0.0359356	0.376205	-2.65813	0.23151	0.604859	-1.65328	0.611448	0.814451	-1.22782	0.322385	0.663967	-1.5061	0.0182004	0.317082	-3.15376
cg26193744	C10orf140	0.0441476	0.276865	0.776832	-1.28728	0.0905662	0.659437	-1.51645	0.113857	0.681072	-1.46827	0.0151041	0.513407	-1.94777	?	?	?
cg26056831	C10orf140;C10orf140	0.00743228	?	?	?	0.518631	1.23242	1.23242	0.911202	0.964999	-1.03627	0.00188062	0.24472	-4.0863	0.00285587	0.269552	-3.70985
cg09262442	C10orf18	0.000273318	0.00092228	0.151648	-6.59421	8.03E-06	0.0242042	-41.3151	0.00888639	0.281159	-3.5567	0.0418236	0.409014	-2.44491	0.0305925	0.379774	-2.63315
cg05873857	C10orf18	0.00247901	0.133131	0.746702	-1.33922	0.0034556	0.488834	-2.04569	0.403517	1.16661	1.16661	0.998142	1.00042	1.00042	0.000395204	0.361589	-2.76557
cg15960297	C10orf18	0.00279959	0.172946	0.839899	-1.19062	0.0111013	0.681766	-1.46678	0.0899304	0.79862	-1.25216	0.334956	1.12707	1.12707	0.00245226	0.602311	-1.66027
cg09411597	C10orf18	0.00401569	0.00287275	0.132075	-7.57145	0.00401708	0.148361	-6.74031	0.00631973	0.172828	-5.78611	0.593096	0.766235	-1.30508	0.00455091	0.154806	-6.45969
cg02993250	C10orf18	0.0407372	0.913834	0.985342	-1.01488	0.00130851	0.528155	-1.89338	0.525086	0.915888	-1.09184	0.361325	0.879837	-1.13657	0.294545	0.862158	-1.15988
cg02324221	C10orf25	4.10E-05	1.34E-05	0.27008	-3.7026	4.87E-06	0.223523	-4.47382	0.528402	0.912384	-1.09603	0.294334	0.855438	-1.16899	0.000356529	0.439232	-2.2767
cg01188244	C10orf25;C10orf25;ZNF22	0.0259464	0.464323	1.07546	1.07546	0.871161	1.01598	1.01598	0.0341269	1.27317	1.27317	0.507927	1.06781	1.06781	0.00288467	0.670133	-1.49224
cg01183826	C10orf25;ZNF22	0.00731957	0.820342	1.02829	1.02829	0.379902	0.895415	-1.1168	0.139528	1.21532	1.21532	0.417413	1.10698	1.10698	0.778902	0.966071	-1.03512
cg15601807	C10orf25;ZNF22	0.0145614	0.0357292	0.36107	-2.76954	0.0481748	0.390131	-2.56324	0.10278	0.475182	-2.10446	0.110566	0.484429	-2.06429	0.0343649	0.357441	-2.79767
cg18382353	C10orf25;ZNF22	0.0217381	0.462934	0.754908	-1.32466	0.00271925	0.210586	-4.74865	0.0168459	0.333751	-2.99625	0.040758	0.411143	-2.43224	0.0276269	0.375313	-2.66444
cg16512882	C10orf25;ZNF22	0.0241086	0.180002	0.739652	-1.35199	0.640945	1.1046	1.1046	0.36481	0.821006	-1.21802	0.0265725	0.573076	-1.74497	0.0972675	0.680158	-1.47025
cg24374159	C10orf25;ZNF22	0.0247145	0.562474	1.50266	1.50266	0.45992	1.68751	1.68751	0.679919	1.33445	1.33445	0.704613	0.767299	-1.30327	0.00423662	0.069776	-14.3316
cg15078013	C10orf25;ZNF22	0.0258117	0.342804	0.899836	-1.11131	0.655102	1.04975	1.04975	0.101935	0.824211	-1.21328	0.0632066	0.798007	-1.25312	0.00359596	0.653289	-1.53072
cg00848594	C10orf25;ZNF22	0.0258937	0.474093	0.726745	-1.376	0.00818152	0.226813	-4.40892	0.897876	0.945259	-1.05791	0.0309719	0.3294	-3.03582	0.0254178	0.312026	-3.20486
cg00899659	C10orf25;ZNF22	0.026471	0.0713872	0.376908	-2.65316	0.0429252	0.32337	-3.09243	0.179159	0.500832	-1.99668	0.0151327	0.235452	-4.24715	0.00443208	0.158808	-6.29692
cg23456144	C10orf25;ZNF22	0.03865	0.0326465	0.683929	-1.46214	0.391867	0.875201	-1.14259	0.619202	1.0791	1.0791	0.0480378	0.709347	-1.40975	0.04633	0.706928	-1.41457
cg06169961	C10orf26	9.15E-06	8.40E-06	0.256008	-3.90613	0.458205	0.899383	-1.11187	0.220081	0.83442	-1.19844	9.47E-05	0.376706	-2.65459	2.60E-05	0.310522	-3.22039
cg14838188	C10orf26	0.0387745	0.300603	0.61937	-1.61454	0.281314	1.64888	1.64888	0.0520233	2.68376	2.68376	?	?	?	?	?	?
cg13253055	C10orf26;C10orf26	0.0104724	0.235852	0.719961	-1.38896	0.0926932	0.613032	-1.63124	0.0884367	0.608262	-1.64403	0.0146146	0.451456	-2.21506	0.000499034	0.236821	-4.2226
cg26640901	C10orf26;C10orf26;C10orf26	0.0307027	0.108268	0.580572	-1.72244	0.00180159	0.252166	-3.96564	0.0149176	0.394923	-2.53214	0.753721	1.1026	1.1026	0.0266904	0.442682	-2.25896
cg12312265	C10orf27	0.000632868	0.00408502	0.484774	-2.06282	0.0360525	0.632461	-1.58113	0.00016742	0.299991	-3.33343	0.000647773	0.374184	-2.67248	0.000497026	0.359174	-2.78417
cg00187299	C10orf27	0.00428196	0.441169	0.828135	-1.20753	0.0246012	0.525856	-1.90166	0.0393812	0.564266	-1.77221	0.671229	0.902568	-1.10795	7.15E-05	0.175953	-5.68335
cg01560871	C10orf27	0.0359057	0.00328492	0.346022	-2.88999	0.121931	0.641366	-1.55917	0.415867	0.802271	-1.24646	0.00397554	0.35847	-2.78963	0.0634806	0.575318	-1.73817
cg10548978	C10orf27;C10orf27	0.00702949	0.0228728	0.563934	-1.77326	0.0249742	0.570522	-1.75278	0.00143136	0.379041	-2.63824	0.00622656	0.47226	-2.11748	0.0990603	0.683563	-1.46292
cg25327233	C10orf28	0.000227831	0.00159742	0.716023	-1.3966	5.16E-05	0.571895	-1.74857	0.000177163	0.625768	-1.59804	0.474847	1.05507	1.05507	0.02923	1.20864	1.20864
cg12523226	C10orf28	0.0121987	0.935836	1.00975	1.00975	0.00272393	1.6465	1.6465	0.526803	0.925645	-1.08033	0.495734	1.08691	1.08691	0.467728	1.09311	1.09311
cg15638898	C10orf28	0.019854	0.225585	0.718047	-1.39267	0.0909912	0.615969	-1.62346	0.282465	1.33733	1.33733	0.690812	1.10966	1.10966	0.400737	0.799425	-1.2509
cg03302822	C10orf28	0.0203598	0.0734295	0.549791	-1.81887	0.443147	1.26407	1.26407	0.0163157	0.414746	-2.41112	0.273739	1.40684	1.40684	0.00836138	0.364259	-2.7453
cg23108673	C10orf28	0.0318622	0.0158145	0.170346	-5.87041	0.0304441	0.218104	-4.58496	0.109998	0.352427	-2.83747	0.229595	0.470153	-2.12697	0.0952024	0.333685	-2.99684
cg03970483	C10orf28	0.0364884	0.0161588	0.215327	-4.6441	0.0275368	0.256643	-3.89646	0.301198	0.571787	-1.7489	0.0941896	0.382814	-2.61224	0.0401756	0.290188	-3.44604
cg18121006	C10orf28	0.0435883	0.94012	0.973769	-1.02694	0.00758163	0.296655	-3.37092	0.119165	0.549705	-1.81916	0.435344	0.754571	-1.32526	0.433645	0.753752	-1.3267
cg24291461	C10orf2;C10orf2;C10orf2;C10orf2	3.40E-05	4.41E-06	0.205138	-4.87476	0.000185513	0.388516	-2.5739	0.00220316	0.525853	-1.90167	4.76E-05	0.317482	-3.14978	0.00087474	0.473552	-2.1117
cg03300883	C10orf2;C10orf2;C10orf2;C10orf2	6.38E-05	2.28E-05	0.080196	-12.4694	0.000343079	0.180018	-5.55501	0.00713167	0.355665	-2.81164	0.0722879	0.550637	-1.81608	0.000182997	0.152339	-6.56431
cg22630918	C10orf2;C10orf2;C10orf2;C10orf2	0.00455847	0.00520274	0.0795345	-12.5732	0.000900206	0.033007	-30.2966	0.0485977	0.212982	-4.69522	0.0582004	0.230003	-4.34777	0.0114945	0.114123	-8.76249
cg19472590	C10orf2;C10orf2;C10orf2;C10orf2	0.00783572	0.776679	0.96109	-1.04049	0.0287014	0.697593	-1.4335	0.0323786	0.704956	-1.41853	0.17171	1.22514	1.22514	0.00155469	0.530015	-1.88674
cg18276125	C10orf2;C10orf2;C10orf2;C10orf2	0.0131541	0.0131369	0.0490514	-20.3868	0.00512904	0.0266596	-37.5099	0.116571	0.187931	-5.3211	0.050789	0.112858	-8.86069	0.0127905	0.0482306	-20.7337
cg13708259	C10orf2;C10orf2;C10orf2;C10orf2;MRPL43;MRPL43;MRPL43;C10orf2;C10orf2;MRPL43;C10orf2;C10	0.0396426	?	?	?	0.185487	0.288842	-3.4621	0.992173	1.00864	1.00864	0.803775	1.24394	1.24394	0.142181	0.246922	-4.04987
cg14905631	C10orf2;C10orf2;MRPL43;C10orf2;MRPL43;MRPL43;MRPL43;C10orf2	0.00505091	0.000757665	0.221975	-4.50502	0.00928193	0.377873	-2.64639	0.972208	1.01032	1.01032	0.247212	0.699974	-1.42862	0.0123874	0.39938	-2.50388
cg09319822	C10orf2;MRPL43;C10orf2;C10orf2;MRPL43;MRPL43;MRPL43;C10orf2	0.00513705	0.00415933	0.178959	-5.58786	0.0182802	0.277196	-3.60755	0.785006	0.884715	-1.13031	0.0521097	0.371694	-2.69038	0.00707864	0.21037	-4.75353
cg20150667	C10orf2;MRPL43;MRPL43;MRPL43;C10orf2;C10orf2;C10orf2;C10orf2;MRPL43;C10orf2	5.46E-05	0.384492	1.02124	1.02124	0.000181709	1.16093	1.16093	0.162728	0.96549	-1.03574	8.40E-05	0.846433	-1.18143	0.00765515	0.922388	-1.08414
cg25580076	C10orf2;MRPL43;MRPL43;MRPL43;C10orf2;C10orf2;C10orf2;MRPL43	0.0133298	0.00843876	0.057094	-17.515	0.0123048	0.0703974	-14.2051	0.181033	0.298555	-3.34947	0.513467	0.568887	-1.75782	0.0145607	0.0771924	-12.9546
cg13449372	C10orf2;MRPL43;MRPL43;MRPL43;C10orf2;C10orf2;C10orf2;MRPL43	0.027066	0.00613178	0.0553814	-18.0566	0.0200998	0.103434	-9.66801	0.098405	0.230745	-4.33378	0.106342	0.240079	-4.1653	0.0994902	0.232041	-4.30959
cg16330755	C10orf32;C10orf32	0.000467805	0.0806565	1.71938	1.71938	7.48E-05	7.4762	7.4762	0.00510903	2.81515	2.81515	0.000556098	4.47468	4.47468	0.000104052	6.81808	6.81808
cg08330031	C10orf32;C10orf32	0.00213571	0.0593152	0.488014	-2.04912	0.000706473	0.175638	-5.69352	0.00267471	0.24683	-4.05137	0.020216	0.389172	-2.56956	0.000468599	0.156769	-6.3788
cg08757448	C10orf32;C10orf32	0.00984466	0.278853	1.65443	1.65443	0.0020028	7.02964	7.02964	0.112077	2.16764	2.16764	0.023536	3.35155	3.35155	0.00580458	5.03123	5.03123
cg03769523	C10orf32;C10orf32	0.0100124	0.189289	0.903623	-1.10666	0.0286266	1.20705	1.20705	0.235845	1.09476	1.09476	0.40979	1.06336	1.06336	0.000930354	1.43365	1.43365
cg17259809	C10orf32;C10orf32	0.0228479	0.203152	1.27075	1.27075	0.680534	1.07664	1.07664	0.126186	0.744443	-1.34329	0.272316	1.22605	1.22605	0.797847	1.04684	1.04684
cg26741530	C10orf32;C10orf32	0.0239717	0.437113	1.36983	1.36983	0.0182029	3.12089	3.12089	0.362905	1.4495	1.4495	0.0190282	3.08627	3.08627	0.00412142	4.60596	4.60596
cg06323837	C10orf35	0.00172259	0.0632118	0.66724	-1.49871	0.166427	1.33073	1.33073	0.141967	0.736575	-1.35763	0.336153	1.21173	1.21173	0.678685	0.922499	-1.08401
cg06321808	C10orf35	0.00246091	0.00128599	2.93256	2.93256	0.00034168	3.75254	3.75254	0.393997	0.818578	-1.22163	0.022821	1.8675	1.8675	0.304281	1.27626	1.27626
cg13129046	C10orf35	0.00408192	0.00825649	0.438706	-2.27943	0.688899	0.906504	-1.10314	0.459925	0.832339	-1.20143	0.0798277	0.622429	-1.60661	0.00647577	0.421743	-2.37111
cg03178609	C10orf35	0.00951605	0.0365633	0.553776	-1.80578	0.087405	0.631892	-1.58255	0.152836	0.689047	-1.45128	0.0645707	0.603483	-1.65705	0.00778551	0.435539	-2.296
cg27361174	C10orf35	0.0176724	0.00559438	0.20722	-4.82578	0.0341914	0.343314	-2.91278	0.729716	0.860666	-1.16189	0.656951	1.21334	1.21334	0.513417	0.750719	-1.33206
cg14566214	C10orf35	0.0266903	0.45491	1.09622	1.09622	0.0116552	1.46303	1.46303	0.0252745	1.37859	1.37859	0.0474494	1.31481	1.31481	0.063698	1.2861	1.2861
cg20288518	C10orf35	0.0291159	0.246617	0.808999	-1.2361	0.175837	0.777396	-1.28635	0.682378	1.07464	1.07464	0.060039	0.689955	-1.44937	0.708248	1.06797	1.06797
cg27236154	C10orf35	0.031356	0.00199707	0.27383	-3.6519	0.862306	0.949774	-1.05288	0.177535	0.653522	-1.53017	0.427061	1.27216	1.27216	0.515583	1.21616	1.21616
cg04551154	C10orf4	0.00107886	0.000887026	2.69531	2.69531	0.0863952	0.685816	-1.45812	0.0034404	2.20573	2.20573	0.0219188	1.72878	1.72878	0.0127819	1.8511	1.8511
cg07902884	C10orf4	0.0029859	0.31869	1.37596	1.37596	0.710507	1.12239	1.12239	7.01E-05	0.105681	-9.46244	0.251422	1.44929	1.44929	0.0268764	2.25204	2.25204
cg13461493	C10orf4	0.00488358	0.38745	1.11464	1.11464	0.117127	0.81177	-1.23188	0.000101976	0.430367	-2.3236	0.206799	1.17718	1.17718	0.423814	1.10526	1.10526
cg02868254	C10orf4	0.00606273	0.039205	0.463391	-2.158	0.0057995	0.311935	-3.2058	0.0946453	0.55312	-1.80792	0.78386	0.915182	-1.09268	0.0356704	0.454696	-2.19927
cg17233127	C10orf4	0.010643	0.00278041	0.0724563	-13.8014	0.158698	2.37839	2.37839	0.217619	2.09912	2.09912	?	?	?	0.759409	0.841474	-1.18839
cg25692425	C10orf40	0.0103636	0.826062	1.03121	1.03121	0.00608998	0.606498	-1.64881	0.00974536	0.633497	-1.57854	0.230668	0.838958	-1.19196	0.0134737	0.65235	-1.53292
cg18510056	C10orf41;C10orf41	6.87E-06	5.93E-06	0.207594	-4.8171	0.00123098	0.508462	-1.96672	0.00985954	0.634365	-1.57638	0.0104902	0.638156	-1.56701	0.531345	1.08912	1.08912
cg23657179	C10orf41;C10orf41	0.00295278	0.0131366	5.67278	5.67278	0.445107	1.55167	1.55167	0.0357804	3.97009	3.97009	0.0343129	4.02894	4.02894	0.00882095	6.56594	6.56594
cg01431972	C10orf41;C10orf41	0.00633899	0.494495	1.40809	1.40809	0.0104466	4.90512	4.90512	0.746694	0.852248	-1.17337	0.000549786	0.0708574	-14.1128	0.497649	0.712011	-1.40447
cg06262069	C10orf41;C10orf41	0.00850713	0.00714423	4.47109	4.47109	0.574005	1.27746	1.27746	0.32025	1.557	1.557	0.00758584	4.39485	4.39485	0.0301301	3.00221	3.00221
cg03936104	C10orf41;C10orf41	0.0209405	0.0500365	7.26839	7.26839	0.0536384	6.99518	6.99518	0.181668	3.52014	3.52014	0.309384	2.54408	2.54408	0.0207185	11.8478	11.8478
cg25006231	C10orf41;C10orf41	0.0286409	0.0448162	4.17519	4.17519	0.0171104	6.07092	6.07092	0.0861206	3.24392	3.24392	0.31407	1.90806	1.90806	0.02052	5.65232	5.65232
cg15182635	C10orf41;C10orf41	0.0307505	0.0269914	15.9508	15.9508	0.115134	6.12035	6.12035	0.0501136	10.6138	10.6138	0.0621177	9.21711	9.21711	0.0631515	9.11758	9.11758
cg01107874	C10orf41;C10orf41	0.0320036	0.167994	3.54179	3.54179	0.0141729	13.5295	13.5295	0.0538822	6.57785	6.57785	0.0671948	5.84479	5.84479	0.0341483	8.39492	8.39492
cg24842260	C10orf41;C10orf41	0.0344035	0.0333249	46.3202	46.3202	0.0258428	59.1775	59.1775	0.0921576	17.4394	17.4394	0.126474	12.7983	12.7983	0.050645	31.0136	31.0136
cg00082939	C10orf41;C10orf41	0.036454	0.0626028	5.23768	5.23768	0.0334994	7.12032	7.12032	0.177574	3.10282	3.10282	0.107707	4.0036	4.0036	0.0232607	8.52726	8.52726
cg05330121	C10orf41;C10orf41	0.0415285	0.0288889	6.33384	6.33384	0.454249	1.72661	1.72661	0.476072	1.68067	1.68067	0.0439666	5.25185	5.25185	0.0331668	5.95465	5.95465
cg12864721	C10orf41;C10orf41	0.0421121	0.0355678	11.0719	11.0719	0.200725	3.77377	3.77377	0.0349738	11.1865	11.1865	0.206482	3.70408	3.70408	0.0669665	7.52318	7.52318
cg25862644	C10orf41;C10orf41	0.0430563	0.551851	0.562098	-1.77905	0.844706	0.828876	-1.20645	0.114718	5.16382	5.16382	0.289165	0.348894	-2.8662	0.278857	0.340427	-2.93748
cg24677093	C10orf41;C10orf41	0.0439416	0.0265988	15.6941	15.6941	0.0454152	11.0691	11.0691	0.230537	3.73514	3.73514	0.0872269	7.23061	7.23061	0.039801	12.0616	12.0616
cg03958038	C10orf41;C10orf41	0.0467023	0.034621	20.3108	20.3108	0.0249417	26.0904	26.0904	0.118392	7.94231	7.94231	0.233481	4.60378	4.60378	0.038121	18.8764	18.8764
cg26740856	C10orf41;C10orf41	0.0494305	0.569007	0.946329	-1.05672	0.825047	1.02145	1.02145	0.0466069	1.24407	1.24407	0.52731	1.0633	1.0633	0.177702	0.871727	-1.14715
cg16032162	C10orf41;ZNF503	9.93E-05	0.774228	0.963053	-1.03836	0.00155368	1.81397	1.81397	0.0136147	1.49114	1.49114	0.568439	0.927319	-1.07838	0.0155075	1.47495	1.47495
cg17211261	C10orf41;ZNF503	0.00341655	0.070674	0.804097	-1.24363	0.185034	0.859219	-1.16385	0.189657	0.86074	-1.16179	0.148229	0.845848	-1.18225	0.348366	0.90103	-1.10984
cg04922833	C10orf41;ZNF503	0.0416156	0.503403	0.883771	-1.13151	0.0605876	1.46956	1.46956	0.10952	1.37365	1.37365	0.0636698	0.684308	-1.46133	0.076755	0.698969	-1.43068
cg27264018	C10orf46	9.51E-06	0.324756	0.837512	-1.19401	0.00216388	0.472066	-2.11835	0.656588	1.08116	1.08116	0.69742	1.0705	1.0705	2.31E-07	0.0666984	-14.9929
cg24194201	C10orf46	0.00563696	0.730772	1.06191	1.06191	0.00676546	0.543111	-1.84124	0.0860189	0.718997	-1.39083	0.00110702	2.30709	2.30709	0.00932366	0.563541	-1.7745
cg27009448	C10orf46	0.0109066	0.000951923	0.526827	-1.89815	0.0595232	0.75823	-1.31886	0.795713	0.9668	-1.03434	0.345176	0.881151	-1.13488	0.0775193	0.774644	-1.29092
cg08638512	C10orf46	0.015448	0.99053	0.996457	-1.00356	0.060154	1.88536	1.88536	0.0144708	2.46255	2.46255	0.158274	0.636919	-1.57006	0.00485558	0.32727	-3.05558
cg27581074	C10orf46	0.0200637	0.585346	0.89681	-1.11506	0.0207656	0.576787	-1.73374	0.176658	0.75282	-1.32834	0.396747	1.18714	1.18714	0.614477	0.904474	-1.10561
cg24917945	C10orf46	0.0289794	0.0142013	0.656533	-1.52315	0.795155	1.03562	1.03562	0.0990567	0.781384	-1.27978	0.0113277	0.642644	-1.55607	0.00367547	0.574176	-1.74163
cg07103504	C10orf46;C10orf46	0.0113309	0.280724	0.797966	-1.25319	0.0938217	1.44901	1.44901	0.0440175	1.59332	1.59332	0.00917484	0.513773	-1.94639	0.156983	1.3562	1.3562
cg06440958	C10orf47	5.72E-05	0.740949	0.954494	-1.04768	0.00870222	0.625416	-1.59894	0.946502	0.990624	-1.00946	0.540445	1.09089	1.09089	0.000525565	0.468365	-2.13508

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16476048	0.00301381	0.210419	-4.75242	0.0012616	0.164631	-6.07419	0.266411	0.641583	-1.55864	0.031187	0.379413	-2.63565	6.71079	15.6128	2.06802	1
cg02292704	0.00179061	0.510845	-1.95754	0.0715279	1.35551	1.35551	0.0124454	0.624936	-1.60016	0.37452	0.871294	-1.14772	5.28245	1.91142	0.321639	1
cg17766828	0.0252496	1.47846	1.47846	0.229633	1.20351	1.20351	0.00809964	0.607572	-1.64589	0.21784	0.826539	-1.20986	5.00999	1.71364	0.304039	1
cg03018949	0.0635881	0.436285	-2.29208	0.00809289	0.25959	-3.85222	0.0962568	0.483675	-2.0675	0.143059	0.534763	-1.86999	3.59925	9.01565	2.22655	1
cg09105657	0.555195	1.15252	1.15252	0.000199362	0.226291	-4.41909	0.0815659	0.6318	-1.58278	0.922521	0.977125	-1.02341	13.6717	12.252	0.796586	1
cg24660675	0.0211814	1.31234	1.31234	0.000240154	1.81521	1.81521	0.465914	0.929802	-1.0755	0.210135	0.878499	-1.13831	12.5553	1.91317	0.135449	1
cg00284153	0.409301	0.813716	-1.22893	0.98832	1.00358	1.00358	0.00015066	0.204043	-4.90092	0.52618	0.854796	-1.16987	8.8138	8.32974	0.84007	1
cg21345949	0.367314	0.643664	-1.55361	0.859451	0.919135	-1.08798	0.0116551	0.223171	-4.48087	0.980216	0.988272	-1.01187	6.3522	22.7701	3.18632	1
cg18043267	0.958094	0.97706	-1.02348	0.184061	0.536678	-1.86331	0.0112266	0.245839	-4.0677	0.318541	0.63425	-1.57666	6.08198	18.7892	2.74607	1
cg13336642	0.432403	0.912334	-1.09609	0.81142	0.973	-1.02775	0.0360996	1.32197	1.32197	0.000702497	1.80685	1.80685	5.78734	1.20195	0.184611	1
cg05456948	0.111112	1.91812	1.91812	0.0249178	2.72258	2.72258	0.00229864	4.94803	4.94803	0.0417739	2.41246	2.41246	4.80374	10.7143	1.98259	1
cg03128219	0.0424656	0.656246	-1.52382	0.0251418	1.61631	1.61631	0.5807	1.10581	1.10581	0.417733	0.861317	-1.16101	6.70643	3.45205	0.457545	1
cg01400541	0.843564	0.968371	-1.03266	0.772726	1.04823	1.04823	0.189426	1.25373	1.25373	0.0140106	0.610464	-1.6381	5.18378	2.17254	0.372537	1
cg25921502	0.0106269	0.189625	-5.27357	0.325347	0.591181	-1.69153	0.467108	0.681823	-1.46666	0.0218299	0.24065	-4.15542	4.28847	18.1943	3.7712	1
cg01311537	0.102044	0.688739	-1.45193	0.0118932	1.92356	1.92356	0.723701	1.07676	1.07676	0.685001	1.08869	1.08869	4.03322	2.77344	0.611244	1
cg08913530	0.19334	1.27668	1.27668	0.0468738	0.667821	-1.49741	0.0732946	0.701588	-1.42534	0.021653	0.613065	-1.63115	4.70883	2.34844	0.443317	1
cg05258264	0.00224056	2.29701	2.29701	0.658461	1.09029	1.09029	0.970759	0.992902	-1.00715	0.882553	1.02914	1.02914	4.57583	2.73668	0.53162	1
cg07571954	0.00112669	0.582281	-1.71738	0.278764	1.13547	1.13547	0.0242041	0.738487	-1.35412	0.0103985	0.694881	-1.4391	19.1792	3.86591	0.179172	1
cg17886662	0.000996289	0.490326	-2.03946	0.105881	1.29364	1.29364	0.233422	0.833505	-1.19975	0.00415777	0.571234	-1.7506	18.6405	6.27316	0.299141	1
cg25089494	0.127381	0.682474	-1.46526	0.0374747	0.571522	-1.74971	0.550587	1.15021	1.15021	0.0505093	1.67613	1.67613	4.62892	3.93693	0.756006	1
cg16011480	0.502447	0.95296	-1.04936	0.325237	0.930614	-1.07456	0.841426	0.98592	-1.01428	0.031838	0.836871	-1.19493	4.08912	0.32454	0.0705482	1
cg11111859	0.0126014	0.669067	-1.49462	0.0478429	1.34057	1.34057	0.436829	0.902344	-1.10822	0.123912	0.805851	-1.24092	3.54488	0.942223	0.236265	1
cg00188298	0.180492	1.15747	1.15747	0.000758006	0.591575	-1.6904	0.718404	1.03794	1.03794	0.391234	1.09454	1.09454	5.39969	0.904343	0.148872	1
cg18429793	0.497135	0.948235	-1.05459	0.00676582	0.762883	-1.31082	0.00905482	1.29145	1.29145	0.955616	1.0043	1.0043	7.78506	0.732972	0.0836899	1
cg19668397	0.123904	0.76299	-1.31063	0.119589	0.760193	-1.31546	0.001141	2.1742	2.1742	0.0491394	0.694474	-1.43994	7.37415	3.07809	0.371037	1
cg19049077	0.718093	0.939734	-1.06413	0.0140235	0.594469	-1.68217	0.327879	1.18906	1.18906	0.950099	1.01079	1.01079	4.81911	2.24373	0.413858	1
cg09112790	?	?	?	0.245939	0.687178	-1.45523	0.681923	1.13587	1.13587	0.651368	1.151	1.151	3.80237	5.11655	1.34562	1
cg22856949	0.671625	1.06181	1.06181	0.105411	0.77972	-1.28251	0.221565	1.19808	1.19808	0.307428	0.861911	-1.16021	3.475	1.08879	0.278507	1
cg24079455	0.800504	0.959917	-1.04176	2.79E-06	0.162883	-6.13936	0.951343	1.00991	1.00991	0.304716	1.18735	1.18735	17.4143	7.199	0.367463	1
cg08732623	0.166275	1.15266	1.15266	0.000471717	0.589359	-1.69676	0.183674	1.14541	1.14541	0.0133006	1.34343	1.34343	6.76896	0.993145	0.130418	1
cg25446329	0.192903	1.51091	1.51091	1.91E-05	0.0740941	-13.4963	0.0120371	2.55477	2.55477	0.994371	1.00212	1.00212	12.0116	17.065	1.26285	1
cg19257478	0.0481955	1.28301	1.28301	0.00143484	0.601254	-1.66319	0.0490842	0.780396	-1.2814	0.0175099	1.37596	1.37596	11.0825	2.1382	0.171497	1
cg20247661	0.310192	0.805337	-1.24172	0.987154	0.996686	-1.00332	0.000219657	3.55978	3.55978	0.41666	1.18666	1.18666	10.0071	6.73664	0.598388	1
cg01443922	0.0541882	0.433404	-2.30731	0.00018301	0.0889001	-11.2486	0.0693522	2.17574	2.17574	0.506932	0.772886	-1.29385	9.79946	22.7221	2.06107	1
cg22700691	0.140936	0.638436	-1.56633	0.169868	0.660801	-1.51331	0.0515567	0.533683	-1.87377	0.29339	1.36187	1.36187	8.93567	11.3638	1.13043	1
cg02738256	0.899747	1.0096	1.0096	0.000430222	0.655509	-1.52553	0.587027	0.959274	-1.04246	0.169595	1.11731	1.11731	8.7622	0.797664	0.0809197	1
cg27256270	0.115878	0.705695	-1.41704	0.443298	1.17284	1.17284	0.157785	1.36078	1.36078	0.502397	0.870365	-1.14894	7.94567	5.23525	0.585672	1
cg26867545	0.696511	1.15311	1.15311	0.0016641	0.194975	-5.12887	0.0124108	3.0989	3.0989	0.610616	1.2052	1.2052	5.19468	10.868	1.85968	1
cg20125920	0.0867283	0.362579	-2.75802	0.00189262	0.0943273	-10.6014	0.420975	0.643492	-1.55402	0.940214	1.04104	1.04104	4.72459	21.5164	4.04811	1
cg26839863	0.108937	0.576418	-1.73485	0.00315648	0.280481	-3.56531	0.152363	1.62115	1.62115	0.146842	1.63342	1.63342	4.55794	7.16898	1.3981	1
cg00889599	0.254759	0.677788	-1.47539	0.138252	0.593337	-1.68538	0.00404421	3.53486	3.53486	0.0367695	2.21107	2.21107	4.32415	7.32618	1.506	1
cg07135237	0.692938	0.808446	-1.23694	0.00844065	0.164954	-6.06229	0.907035	1.06459	1.06459	0.980229	1.01337	1.01337	4.05554	18.4388	4.0414	1
cg16248287	0.124872	0.513992	-1.94556	0.00215566	0.178051	-5.61638	0.0215619	0.33099	-3.02124	0.356638	0.683985	-1.46202	3.85553	9.80035	2.25946	1
cg26193744	0.0948947	1.50654	1.50654	0.0293975	0.563926	-1.77328	0.0550968	0.615328	-1.62515	0.333315	0.800255	-1.2496	3.60515	2.53039	0.701883	1
cg26056831	0.00853886	0.342415	-2.92043	0.874507	1.05177	1.05177	0.384864	1.32914	1.32914	0.320168	1.38828	1.38828	6.62657	9.51509	1.4359	1
cg09262442	0.0380935	0.400064	-2.4996	0.000302736	0.106658	-9.37573	0.0020405	0.190744	-5.24264	0.0159391	0.324735	-3.07944	16.8744	38.8122	2.0445	1
cg05873857	0.153659	0.75928	-1.31704	0.000360687	0.356524	-2.80486	0.0377404	0.647637	-1.54407	0.0699591	0.694004	-1.44091	9.05448	4.66043	0.45752	1
cg15960297	0.00784378	1.50752	1.50752	0.00676312	1.52553	1.52553	0.0439965	0.75696	-1.32107	0.0376851	0.748248	-1.33646	8.73535	2.00237	0.203756	1
cg09411597	0.0216764	0.256454	-3.89933	0.0012604	0.0978807	-10.2165	0.0418519	0.314147	-3.18322	0.00588199	0.168753	-5.92584	7.84323	30.2723	3.43082	1
cg02993250	0.136582	0.803481	-1.24458	0.630168	1.06843	1.06843	0.143201	1.23941	1.23941	0.524109	1.09207	1.09207	3.65841	1.07843	0.262027	1
cg02324221	0.00142813	0.51571	-1.93908	0.0068362	0.604753	-1.65357	0.0143429	1.54247	1.54247	0.00256304	0.54859	-1.82286	28.0563	9.15748	0.29013	1
cg01188244	0.0433781	0.796969	-1.25475	0.496724	0.934816	-1.06973	0.729275	1.03452	1.03452	0.119424	1.17946	1.17946	4.30117	0.64998	0.134326	1
cg01183826	0.502692	0.919961	-1.087	0.0001682	0.455969	-2.19313	0.0556653	0.766489	-1.30465	0.220431	1.17117	1.17117	6.52354	1.55398	0.211744	1
cg15601807	0.770632	0.885274	-1.12959	0.00153412	0.149518	-6.68817	0.00392447	0.198314	-5.0425	0.0191754	0.30688	-3.2586	5.23172	14.3967	2.44606	1
cg18382353	0.319331	1.47294	1.47294	0.217713	0.613876	-1.62899	0.0174918	0.336769	-2.96939	0.260688	0.643107	-1.55495	4.57267	10.255	1.99348	1
cg16512882	0.590485	1.12194	1.12194	0.00128246	0.369993	-2.70275	0.0176406	0.542574	-1.84307	0.291069	0.792912	-1.26117	4.41249	3.13484	0.631507	1
cg24374159	0.835769	1.15531	1.15531	0.00200635	0.0482102	-20.7425	0.652443	1.37066	1.37066	0.788537	1.20557	1.20557	4.37466	33.51	6.80891	1
cg15078013	0.0308844	1.31484	1.31484	0.489257	0.926947	-1.07881	0.533758	1.07043	1.07043	0.158728	1.17666	1.17666	4.309	0.795864	0.164176	1
cg00848594	0.401143	1.45756	1.45756	0.792884	1.12229	1.12229	0.004045	0.184058	-5.43306	0.229656	0.575446	-1.73778	4.30423	13.1033	2.70602	1
cg00899659	0.478478	1.41789	1.41789	0.986053	0.991566	-1.00851	0.0122563	0.220493	-4.53529	0.124104	0.446226	-2.24102	4.27118	15.884	3.30568	1
cg23456144	0.292664	0.847137	-1.18045	0.0112406	0.617163	-1.62032	0.0548296	1.39227	1.39227	0.395725	0.876195	-1.1413	3.7299	1.36406	0.325075	1
cg06169961	3.83E-06	0.220275	-4.53978	7.19E-06	0.248766	-4.01984	0.624037	0.932998	-1.07181	3.93E-05	0.33131	-3.01833	41.5203	12.9604	0.277464	1
cg14838188	0.724042	0.853576	-1.17154	0.00435614	0.182455	-5.48081	0.251461	0.585606	-1.70763	0.580516	0.779349	-1.28312	3.85828	9.48018	2.80811	1
cg13253055	0.00370281	0.354414	-2.82156	0.115731	0.636218	-1.57179	0.916615	0.972681	-1.02809	0.633974	0.88085	-1.13527	5.82385	6.45226	0.984802	1
cg26640901	0.529507	0.820635	-1.21857	0.213432	0.665918	-1.50169	0.0827296	0.55084	-1.81541	0.64419	0.865603	-1.15526	4.05332	6.18257	1.35583	1
cg12312265	0.000395234	0.346374	-2.88705	0.028683	0.615742	-1.62406	0.0254732	0.607207	-1.64688	0.00141586	0.419807	-2.38205	13.3832	7.48317	0.49702	1
cg00187299	0.0720108	0.617447	-1.61957	0.0160354	0.492775	-2.02933	0.156177	0.694733	-1.4394	0.0532791	0.59028	-1.69411	7.69261	7.02322	0.81154	1
cg01560871	0.571303	0.85936	-1.16366	0.960549	0.986981	-1.01319	0.282761	0.74402	-1.34405	0.136206	0.653537	-1.53014	3.83148	4.25903	0.988079	1
cg10548978	0.448514	0.85002	-1.17644	0.0583361	1.56842	1.56842	0.835936	1.04459	1.04459	0.0150036	0.533093	-1.87584	6.60645	4.63111	0.623109	1
cg25327233	0.259419	1.09066	1.09066	0.000806543	0.688734	-1.45194	0.0159048	0.804284	-1.24334	0.0184564	0.809917	-1.23469	17.7326	1.528	0.0765944	1
cg12523226	0.0024092	0.600928	-1.66409	0.595964	1.0666	1.0666	0.668546	0.94943	-1.05326	0.0367802	1.33947	1.33947	5.54385	1.2746	0.204367	1
cg15638898	0.00105727	0.283529	-3.52697	0.102786	0.628406	-1.59133	0.0101607	0.430109	-2.32499	0.985793	0.995376	-1.00464	4.71629	5.0597	0.953612	1
cg03302822	0.0113734	0.386901	-2.58464	0.0260721	0.453218	-2.20644	0.499593	1.22801	1.22801	0.427892	0.784598	-1.27454	4.67613	6.65214	1.26451	1
cg23108673	0.0397077	0.240808	-4.15269	0.00516547	0.109642	-9.12058	0.0171689	0.175768	-5.68933	0.0398002	0.241017	-4.14909	4.00005	22.7055	5.04561	1
cg03970483	0.0864796	0.372245	-2.68641	0.00431654	0.136553	-7.32318	0.036756	0.281933	-3.54695	0.0928588	0.381029	-2.62447	3.80913	16.4279	3.83357	1
cg18121006	0.75628	0.895694	-1.11645	0.0100439	3.15719	3.15719	0.33869	1.41757	1.41757	0.913497	1.0392	1.0392	3.56775	7.07397	1.76244	1
cg24291461	0.00011828	0.364584	-2.74285	0.00124152	0.493238	-2.02742	0.00111552	0.487204	-2.05253	2.61E-05	0.287434	-3.47906	29.4623	10.4656	0.315752	1
cg03300883	0.00597554	0.343339	-2.91257	1.87E-05	0.074942	-13.3437	7.47E-05	0.117726	-8.4943	0.000272896	0.16961	-5.89586	24.9618	34.9842	1.24578	1
cg22630918	0.0134458	0.122334	-8.17432	0.00147619	0.0428648	-23.3292	0.00586152	0.0840724	-11.8945	0.0445651	0.205261	-4.87184	7.54809	56.3429	6.63514	1
cg19472590	0.00859756	0.626443	-1.59631	0.00631286	0.608736	-1.64275	0.868299	0.977105	-1.02343	0.0232213	0.684783	-1.46032	6.38567	1.96974	0.274189	1
cg18276125	0.0150775	0.0534912	-18.6947	0.00408978	0.022889	-43.6891	0.0142494	0.0516278	-19.3694	0.0521789	0.114728	-8.71626	5.40928	82.3379	13.5303	1
cg13708259	0.208806	0.310109	-3.22467	0.430851	2.02784	2.02784	0.00342204	0.0255881	-39.0807	0.0150816	0.0668025	-14.9695	4.09428	43.3541	9.26531	1
cg14905631	0.00250138	0.2899	-3.44946	0.0563152	0.528784	-1.89113	0.00304789	0.302214	-3.30891	0.0979449	0.58553	-1.70785	7.31593	10.0715	1.22369	1
cg09319822	0.0237295	0.298414	-3.35105	0.000894487	0.107756	-9.28018	0.00286212	0.159122	-6.2845	0.0216459	0.290783	-3.43899	7.27821	23.1293	2.82478	1
cg20150667	0.0105892	1.07871	1.07871	0.000141449	1.16736	1.16736	0.328234	1.02407	1.02407	9.85E-05	1.17702	1.17702	26.0084	0.228784	0.00781914	1
cg25580076	0.025217	0.103786	-9.63522	0.00354807	0.0346068	-28.896	0.00870065	0.0580812	-17.2173	0.025382	0.104148	-9.60173	5.38584	61.8028	10.2	1
cg13449372	0.0462285	0.157593	-6.34544	0.0452437	0.155898	-6.41445	0.00811134	0.0644076	-15.5261	0.0172383	0.0956018	-10.4601	4.23803	43.9378	9.21555	1
cg16330755	0.160796	1.52052	1.52052	0.0168839	2.26002	2.26002	0.00128446	3.71695	3.71695	0.00873526	2.5461	2.5461	14.5566	18.0412	1.10167	1
cg08330031	0.0275576	0.415562	-2.40638	0.0009021	0.187542	-5.33213	0.365911	0.731223	-1.36757	0.0777656	0.516567	-1.93586	9.45896	17.0116	1.59863	1
cg08757448	0.864176	1.07956	1.07956	0.00151958	7.70389	7.70389	0.0610458	2.57012	2.57012	0.0694541	2.47945	2.47945	5.94027	18.8104	2.81474	1
cg03769523	0.862152	1.01275	1.01275	0.0854025	0.870588	-1.14865	0.0153306	1.24223	1.24223	0.0559809	1.1709	1.1709	5.90829	0.497013	0.0747746	1
cg17259809	0.000787678	0.404513	-2.47211	0.580771	1.10461	1.10461	0.173991	0.772623	-1.29429	0.413846	1.16067	1.16067	4.49512	2.26486	0.447865	1
cg26741530	0.698597	0.856873	-1.16703	0.0046787	4.44891	4.44891	0.204123	1.70236	1.70236	0.300333	1.53121	1.53121	4.4212	11.0348	2.21856	1
cg06323837	0.359136	0.83311	-1.20032	2.47E-05	0.197032	-5.07533	0.957044	0.989624	-1.01049	0.374944	1.19285	1.19285	10.0692	5.98023	0.527921	1
cg06321808	0.439708	1.19804	1.19804	0.0340998	0.567227	-1.76296	0.071963	1.58493	1.58493	0.178771	0.720714	-1.38751	9.07401	7.55499	0.740085	1
cg13129046	0.0260701	0.525149	-1.90422	0.00026815	0.232569	-4.2998	0.00259461	0.361326	-2.76758	0.0297402	0.535808	-1.86634	7.80463	7.35378	0.837541	1
cg03178609	0.0202353	0.506054	-1.97607	0.000481643	0.263941	-3.78873	0.0222141	0.513349	-1.94799	0.0216268	0.511246	-1.95601	6.00496	5.62776	0.833054	1
cg27361174	0.0454087	0.370537	-2.69879	0.00101426	0.121347	-8.24082	0.36106	0.666184	-1.50109	0.223212	0.574834	-1.73963	4.9053	14.5402	2.63483	1
cg14566214	0.821344	0.97307	-1.02768	0.227994	0.858359	-1.16501	0.710262	0.955958	-1.04607	0.0357878	0.744644	-1.34292	4.25885	0.982645	0.205093	1
cg20288518	0.00194999	0.464675	-2.15204	0.0107215	0.570635	-1.75243	0.74362	0.944202	-1.0591	0.0630742	0.693667	-1.44161	4.1304	2.0021	0.430866	1
cg27236154	0.100695	0.586422	-1.70526	0.00949644	0.377036	-2.65226	0.733883	0.903668	-1.1066	0.432119	0.788213	-1.26869	4.02301	5.61435	1.2405	1
cg04551154	0.0261088	0.591238	-1.69137	0.0307487	0.6034	-1.65728	0.235076	0.780539	-1.28117	0.00744628	0.503511	-1.98605	11.5156	7.22917	0.558017	1
cg07902884	0.140388	1.63424	1.63424	0.920945	1.03122	1.03122	0.500489	1.23587	1.23587	0.796291	1.08341	1.08341	8.57013	13.017	1.35011	1
cg13461493	0.378167	0.895137	-1.11715	0.583504	1.07019	1.07019	0.423686	1.10529	1.10529	0.0824816	0.790063	-1.26572	7.39153	1.75714	0.211309	1
cg02868254	0.00108426	0.211221	-4.73439	0.00127493	0.219865	-4.54825	0.0178085	0.39508	-2.53113	0.971078	1.01176	1.01176	6.91691	11.3836	1.4629	1
cg17233127	0.00264412	0.070539	-14.1765	0.467017	0.65835	-1.51895	0.0807857	3.09317	3.09317	0.444897	0.643943	-1.55293	7.90655	33.3947	3.16775	1
cg25692425	0.00611337	0.606717	-1.64822	0.0775525	1.31518	1.31518	0.843253	0.972733	-1.02803	0.0332445	0.706425	-1.41558	5.84339	1.80469	0.274528	1
cg18510056	1.44E-07	0.0663936	-15.0617	0.0139169	0.655497	-1.52556	0.345661	1.14008	1.14008	0.042852	0.725975	-1.37746	63.9106	17.8926	0.217749	1
cg23657179	0.00522274	8.00229	8.00229	0.000169363	36.9829	36.9829	0.00203074	11.6552	11.6552	0.075998	3.04783	3.04783	8.59854	43.3788	4.48436	1
cg01431972	0.41024	1.51502	1.51502	0.0371101	0.303021	-3.3001	?	?	?	0.364505	1.58357	1.58357	6.96539	23.8635	3.42601	1
cg06262069	0.0118542	3.87425	3.87425	0.000833478	8.74245	8.74245	0.039964	2.78299	2.78299	0.019842	3.3616	3.3616	6.22237	18.3151	2.61638	1
cg03936104	0.0371343	8.56748	8.56748	0.00182273	51.0515	51.0515	0.00699546	22.1114	22.1114	0.0853209	5.4111	5.4111	4.63151	57.7953	11.0922	1
cg25006231	0.0379396	4.45215	4.45215	0.00321716	12.1215	12.1215	0.0260632	5.14873	5.14873	0.233131	2.17236	2.17236	4.15449	25.3382	5.42134	1
cg15182635	0.151208	5.08612	5.08612	0.00733214	38.688	38.688	0.00432697	56.4423	56.4423	0.0584387	9.59462	9.59462	4.05108	71.7542	15.7443	1
cg01107874	0.0332338	8.51799	8.51799	0.0105298	15.9601	15.9601	0.0132369	14.0504	14.0504	0.0367776	8.06788	8.06788	3.99372	46.8547	10.4285	1
cg24842260	0.0274805	55.7687	55.7687	0.00663214	229.024	229.024	0.0131412	114.676	114.676	0.105937	15.2288	15.2288	3.89124	146.558	33.4787	1
cg00082939	0.0499927	5.84927	5.84927	0.00595607	17.1438	17.1438	0.015658	10.3949	10.3949	0.052206	5.72625	5.72625	3.81044	37.6869	8.79151	1
cg05330121	0.0533796	4.81759	4.81759	0.00940002	10.5815	10.5815	0.0163324	8.19479	8.19479	0.0423505	5.34011	5.34011	3.63249	29.5327	7.22681	1
cg12864721	0.0678013	7.46635	7.46635	0.00408142	44.1511	44.1511	0.0158665	18.2342	18.2342	0.253875	3.22498	3.22498	3.61375	55.2732	13.5958	1
cg25862644	0.205947	3.58544	3.58544	0.040333	9.64791	9.64791	0.00307571	48.3379	48.3379	0.935795	1.08016	1.08016	3.58411	51.9917	12.8944	1
cg24677093	0.0551283	9.75781	9.75781	0.00812794	34.8077	34.8077	0.0217092	17.9385	17.9385	0.0586606	9.37121	9.37121	3.55703	61.8336	15.452	1
cg03958038	0.0567975	13.9461	13.9461	0.00779525	65.0691	65.0691	0.0231478	27.629	27.629	0.186352	5.54222	5.54222	3.47672	82.2685	21.0335	1
cg26740856	0.91095	0.989335	-1.01078	0.00274931	0.672997	-1.48589	0.244467	0.889857	-1.12378	0.698096	1.03806	1.03806	3.40291	0.495028	0.129309	1
cg16032162	0.0506415	0.747121	-1.33847	3.15E-06	0.235254	-4.25072	0.307467	1.1483	1.1483	0.261819	1.16552	1.16552	22.184	6.01998	0.241214	1
cg17211261	0.629433	0.94887	-1.05388	3.57E-05	0.422849	-2.36491	0.436134	1.08954	1.08954	0.584452	0.942127	-1.06143	8.23302	1.51933	0.164037	1
cg04922833	0.372755	0.846627	-1.18116	0.0378314	0.645203	-1.5499	0.187418	1.28945	1.28945	0.117326	1.36276	1.36276	3.62967	1.90313	0.466067	1
cg27264018	0.253778	0.812358	-1.23098	5.32E-06	0.165473	-6.04329	0.618737	1.09142	1.09142	0.198785	0.789161	-1.26717	41.0996	19.7919	0.428054	1
cg24194201	0.416867	0.865638	-1.15522	0.135883	0.756183	-1.32243	0.0787674	0.712136	-1.40423	0.273406	0.820196	-1.21922	7.07389	3.38801	0.42573	1
cg27009448	0.0582745	0.75693	-1.32113	0.0243479	1.41795	1.41795	0.843552	0.974614	-1.02605	0.0255857	0.708102	-1.41223	5.74829	1.5418	0.238416	1
cg08638512	0.0214187	0.437493	-2.28575	0.163447	0.640932	-1.56023	0.91004	0.966761	-1.03438	0.31713	0.733967	-1.36246	5.13046	7.26832	1.25929	1
cg27581074	0.0250256	0.590329	-1.69397	0.00960507	0.523032	-1.91193	0.287882	1.24375	1.24375	0.00385674	0.463157	-2.1591	4.69948	2.90865	0.55016	1
cg24917945	0.413776	0.893388	-1.11933	0.072073	0.75982	-1.3161	0.127887	0.799275	-1.25113	0.536747	1.08793	1.08793	4.56033	1.27866	0.21808	1
cg07103504	0.0512713	0.6397	-1.56323	0.00463127	2.13458	2.13458	0.540602	0.882768	-1.1328	0.327572	1.22559	1.22559	5.67798	3.64358	0.570404	1
cg06440958	0.84933	0.973655	-1.02706	8.23E-07	0.157241	-6.35965	0.00134988	0.520197	-1.92235	0.498171	0.907977	-1.10135	25.6926	8.01905	0.277435	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12377641	C10orf47	0.00131605	0.0041584	0.28846	-3.46668	0.00068613	0.186726	-5.35545	0.00470307	0.296483	-3.37287	0.189541	0.637784	-1.56793	0.00155276	0.229339	-4.36036
cg01346596	C10orf47	0.00151122	0.0182285	0.228219	-4.38176	0.000354086	0.0519555	-19.2472	0.0395763	0.293165	-3.41105	0.263252	0.548141	-1.82435	0.00231383	0.111468	-8.97116
cg25233302	C10orf47	0.00155105	0.189275	1.91683	1.91683	0.000552516	12.2905	12.2905	0.0199982	3.71955	3.71955	0.32706	1.60545	1.60545	0.00493082	0.175075	-5.71184
cg06953130	C10orf47	0.00215329	0.727102	1.19811	1.19811	0.00486961	6.85979	6.85979	0.0191854	4.31404	4.31404	0.0342229	3.57733	3.57733	0.105069	0.401036	-2.49354
cg08584759	C10orf47	0.00565844	0.51126	1.62028	1.62028	0.0159092	8.48851	8.48851	0.0621701	4.57641	4.57641	0.107456	3.57005	3.57005	0.503398	0.611473	-1.63539
cg01472043	C10orf47	0.00753862	0.0272533	0.364823	-2.74106	0.00129821	0.163963	-6.09895	0.0686245	0.45539	-2.19592	0.656252	0.841235	-1.18873	0.00988598	0.284228	-3.5183
cg09674175	C10orf47	0.00840963	0.0657347	0.800792	-1.24876	0.0263097	0.753175	-1.32771	0.284336	1.1271	1.1271	0.496633	1.07708	1.07708	0.0073505	0.689569	-1.45018
cg12329275	C10orf47	0.0151019	0.543381	1.53822	1.53822	0.00328388	16.519	16.519	0.0174444	7.58354	7.58354	0.138395	3.05511	3.05511	0.0329226	0.174378	-5.73466
cg12465010	C10orf47	0.018753	0.338571	1.13202	1.13202	0.0873309	0.788772	-1.26779	0.0598932	0.765779	-1.30586	0.626176	0.940156	-1.06365	0.0956114	0.794438	-1.25875
cg24405543	C10orf47	0.0282359	0.0385375	0.664881	-1.50403	0.794575	1.04544	1.04544	0.0133019	0.593142	-1.68594	0.999252	0.99984	-1.00016	0.00753274	0.556785	-1.79603
cg13948050	C10orf47	0.0301506	0.0513403	0.511928	-1.9534	0.0484935	0.506485	-1.97439	0.264696	0.704104	-1.42025	0.187903	0.656302	-1.52369	0.368698	0.756815	-1.32133
cg23532197	C10orf47	0.0302169	0.32594	1.1847	1.1847	0.785375	0.95541	-1.04667	0.0440168	0.679278	-1.47215	0.0996215	1.352	1.352	0.0436825	0.678741	-1.47332
cg16661579	C10orf4;C10orf4	0.00426083	0.00487286	0.227359	-4.39833	0.0185541	2.98232	2.98232	0.167821	1.70788	1.70788	0.0308608	0.383636	-2.60663	0.610104	0.832343	-1.20143
cg23318538	C10orf50	0.000686561	0.0279715	1.78018	1.78018	0.000249057	3.8297	3.8297	0.266719	1.29306	1.29306	0.34693	0.806447	-1.24001	0.0502126	0.609058	-1.64188
cg23378142	C10orf50	0.001586	0.0241764	1.75767	1.75767	0.0466651	1.61279	1.61279	0.490582	1.15827	1.15827	0.275102	0.788006	-1.26903	0.00182257	0.394683	-2.53368
cg27009114	C10orf50	0.0129143	0.143499	1.20756	1.20756	?	?	?	0.0168793	0.704877	-1.41869	0.340544	1.12507	1.12507	0.677209	0.951014	-1.05151
cg25037043	C10orf50	0.0131563	0.0176383	0.286492	-3.4905	0.0153854	0.275895	-3.62456	0.0157445	0.277661	-3.60151	0.0993171	0.457362	-2.18645	0.00286953	0.16932	-5.90598
cg23996873	C10orf50	0.0188729	0.785482	0.96101	-1.04057	0.0173277	1.52574	1.52574	0.0489676	0.720581	-1.38777	0.00239241	0.539615	-1.85317	0.3701	0.87444	-1.14359
cg16657724	C10orf53	0.00262584	0.0541174	0.460622	-2.17098	0.0048216	0.265513	-3.7663	0.0276134	0.397068	-2.51846	0.00683808	0.288717	-3.4636	0.00109083	0.181079	-5.52246
cg04137702	C10orf53;C10orf53	8.64E-06	0.000100533	0.399508	-2.50308	0.0113465	0.655876	-1.52468	0.82339	0.970695	-1.03019	0.0114026	1.52403	1.52403	2.16E-06	0.213082	-4.69302
cg10953158	C10orf53;C10orf53	0.00040249	0.000343142	0.0976184	-10.244	0.000217212	0.0829064	-12.0618	0.0373341	0.377023	-2.65235	0.681492	1.18126	1.18126	0.0191312	3.14102	3.14102
cg13998871	C10orf53;C10orf53	0.00515796	0.96949	1.01002	1.01002	0.00153479	0.304829	-3.28052	0.00114257	0.287523	-3.47799	0.00818894	0.414068	-2.41506	0.104064	0.629305	-1.58905
cg05834477	C10orf53;C10orf53	0.00613242	0.0386107	0.654114	-1.52879	0.148853	1.31564	1.31564	0.26552	1.22825	1.22825	0.401967	0.858998	-1.16415	0.021448	0.612865	-1.63168
cg09233392	C10orf53;C10orf53	0.00614066	0.498488	0.737712	-1.35554	0.841302	0.915073	-1.09281	0.575725	0.77856	-1.28442	0.397325	0.681349	-1.46768	0.412351	0.690007	-1.44926
cg09402276	C10orf53;C10orf53	0.00681382	?	?	?	0.96174	0.973619	-1.0271	0.0597918	3.34146	3.34146	0.925267	1.05368	1.05368	0.000566884	0.040644	-24.6039
cg03978579	C10orf53;C10orf53	0.00758223	0.485994	1.16745	1.16745	0.714686	0.92284	-1.08361	0.0640385	0.634326	-1.57648	0.552542	1.14044	1.14044	0.000617921	0.315815	-3.16641
cg18521914	C10orf53;C10orf53	0.0137544	0.624941	1.06364	1.06364	0.836505	1.02621	1.02621	0.00282014	1.67394	1.67394	0.607071	0.937106	-1.06711	0.0289572	1.3805	1.3805
cg25838091	C10orf53;C10orf53	0.0184428	0.0262448	3.9992	3.9992	0.0232696	4.16114	4.16114	0.392958	1.58422	1.58422	0.257023	1.86254	1.86254	0.0167121	0.215273	-4.64526
cg05378118	C10orf53;C10orf53	0.039155	0.00768476	0.228351	-4.37923	0.881674	1.06632	1.06632	0.716719	1.17012	1.17012	0.232338	0.582738	-1.71604	0.0980738	0.457326	-2.18663
cg14771727	C10orf53;C10orf53	0.0477807	0.00938452	0.254837	-3.92408	0.639601	0.822213	-1.21623	0.205787	1.74021	1.74021	0.815774	1.10172	1.10172	0.98105	1.00991	1.00991
cg13957721	C10orf54;C10orf54;CDH23	0.0292507	0.0438085	0.217265	-4.60266	0.832786	1.14602	1.14602	0.210448	2.35711	2.35711	?	?	?	0.834159	1.14472	1.14472
cg24499627	C10orf54;CDH23	0.0191233	0.00783698	0.117279	-8.52666	0.0659167	0.273663	-3.65413	0.0307329	0.203149	-4.92249	0.0212642	0.175721	-5.69083	0.0219905	0.178073	-5.61568
cg11633461	C10orf54;CDH23	0.0234268	0.25677	0.763694	-1.30942	0.0120375	0.490039	-2.04066	0.100352	0.663653	-1.50681	0.117803	0.679195	-1.47233	0.285634	0.776796	-1.28734
cg06372475	C10orf54;CDH23	0.0287543	0.131274	0.720202	-1.3885	0.0188455	0.563756	-1.77382	0.0390399	0.618026	-1.61805	0.0449867	0.629091	-1.5896	0.505848	0.872846	-1.14568
cg16873290	C10orf55	0.0165798	0.501455	0.886224	-1.12838	?	?	?	0.0316098	0.640079	-1.56231	0.793583	0.954636	-1.04752	0.519526	0.89084	-1.12254
cg01534887	C10orf55	0.0173144	0.0166626	0.732247	-1.36566	0.804514	0.973908	-1.02679	0.269184	0.884547	-1.13052	0.467966	0.924289	-1.08191	0.00217423	1.5818	1.5818
cg03909471	C10orf57	0.0449582	0.078501	0.28902	-3.45996	0.00986546	0.126037	-7.93418	0.054442	0.250075	-3.9988	0.273794	0.485148	-2.06123	0.0138141	0.144756	-6.90819
cg11824509	C10orf57;LOC219347;LOC219347;LOC219347;LOC219347;LOC219347	0.00193624	0.0569628	0.591705	-1.69003	0.0486105	0.577681	-1.73106	0.000521621	0.267735	-3.73504	0.000904377	3.35174	3.35174	0.00493151	0.403656	-2.47736
cg13746919	C10orf57;LOC219347;LOC219347;LOC219347;LOC219347;LOC219347	0.0167278	0.032329	0.368934	-2.71051	0.232548	0.607683	-1.6456	0.0150123	0.304365	-3.28553	0.110542	1.99746	1.99746	0.00418054	0.21721	-4.60383
cg05901522	C10orf58	0.00491584	0.00489827	0.244916	-4.08304	0.00121132	0.167345	-5.97569	0.00444051	0.238774	-4.18806	0.043792	0.417129	-2.39734	0.0138838	0.317614	-3.14847
cg03623770	C10orf58	0.00562966	0.000273182	0.294161	-3.3995	0.0274304	0.585501	-1.70794	0.215446	1.30673	1.30673	0.745266	0.935298	-1.06918	0.00545258	0.472321	-2.1172
cg20617956	C10orf58	0.0222898	0.0419957	0.645725	-1.54865	0.684371	1.07927	1.07927	0.813948	0.956953	-1.04498	0.0694695	0.684544	-1.46083	0.0017626	0.435356	-2.29697
cg27268110	C10orf58	0.0305904	0.00483003	0.408234	-2.44957	0.0297218	0.541616	-1.84633	0.795187	1.06433	1.06433	0.80845	1.05994	1.05994	0.0652022	0.608889	-1.64234
cg16751764	C10orf58	0.0369485	0.224403	0.869385	-1.15024	0.876736	0.98312	-1.01717	0.0249224	1.34005	1.34005	0.0792164	0.807575	-1.23828	0.449119	1.08828	1.08828
cg09203802	C10orf58;C10orf58	0.03348	0.010958	0.200316	-4.99212	0.0244977	0.259365	-3.85557	0.0427389	0.30891	-3.23719	0.313963	0.591871	-1.68956	0.0292556	0.274295	-3.64571
cg03599037	C10orf58;C10orf58	0.0446299	0.0180111	0.536078	-1.8654	0.00762149	0.475028	-2.10514	0.00657432	0.464978	-2.15064	0.795833	1.05787	1.05787	0.236578	0.764096	-1.30874

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12377641	0.00703287	0.323773	-3.08858	0.00167409	0.233548	-4.28178	0.000331718	0.153359	-6.52064	0.0228756	0.414299	-2.41372	10.8808	18.0503	1.47459	1
cg01346596	0.0100114	0.187102	-5.34467	0.001289	0.0891007	-11.2233	0.000367488	0.0528185	-18.9328	0.0160701	0.218983	-4.56657	10.4571	44.0108	3.74106	1
cg25233302	0.268269	1.71523	1.71523	0.000586636	12.0104	12.0104	0.0385004	3.07024	3.07024	0.0114518	4.39486	4.39486	10.379	35.9887	3.08217	1
cg06953130	0.0789135	2.73612	2.73612	0.000146566	29.0823	29.0823	0.467108	0.682667	-1.46484	0.00519231	6.70658	6.70658	9.43632	39.7762	3.74687	1
cg08584759	0.205481	2.63141	2.63141	0.000131613	122.219	122.219	0.819954	1.17955	1.17955	0.01612	8.43705	8.43705	7.06562	58.7127	7.38634	1
cg01472043	0.109562	0.510037	-1.96064	0.00678508	0.258213	-3.87277	0.00155921	0.172954	-5.78188	0.32075	0.673058	-1.48575	6.4636	15.2465	2.09673	1
cg09674175	0.816218	0.975266	-1.02536	0.0913293	0.818698	-1.22145	0.00177599	1.614	1.614	0.751186	1.03481	1.03481	6.24507	1.14469	0.162929	1
cg12329275	0.357984	1.9382	1.9382	0.0117086	9.06964	9.06964	0.951647	1.04337	1.04337	0.0726824	4.06261	4.06261	5.16911	40.1225	6.89953	1
cg12465010	0.00172192	0.569923	-1.75462	0.760185	1.03923	1.03923	0.0347414	1.36261	1.36261	0.649254	1.05925	1.05925	4.80827	1.20334	0.222458	1
cg24405543	0.500745	1.12342	1.12342	0.0414742	1.49238	1.49238	0.43564	0.873331	-1.14504	0.720933	1.06298	1.06298	4.17542	1.91762	0.408236	1
cg13948050	0.110417	0.591547	-1.69048	0.000719159	0.211529	-4.72749	0.539543	0.829068	-1.20617	0.0775815	0.553205	-1.80765	4.07957	5.88476	1.28222	1
cg23532197	0.0222938	0.632743	-1.58042	0.213688	1.24459	1.24459	0.967882	0.993294	-1.00675	0.0143585	0.603887	-1.65594	4.07639	1.80289	0.393135	1
cg16661579	0.997165	1.00126	1.00126	?	?	?	0.000651435	0.110235	-9.07152	0.268066	1.51665	1.51665	11.2194	19.0365	1.27256	1
cg23318538	0.000453555	0.29305	-3.41238	0.005489	0.444437	-2.25004	0.0497111	1.64415	1.64415	0.741253	1.07637	1.07637	13.0818	10.221	0.694499	1
cg23378142	0.477707	0.859446	-1.16354	0.000881025	2.8465	2.8465	0.00221548	2.45874	2.45874	0.0179657	1.82815	1.82815	10.3126	7.19071	0.619802	1
cg27009114	0.471028	1.09196	1.09196	0.00234752	1.66428	1.66428	0.0374722	0.748519	-1.33597	0.320046	0.884016	-1.1312	5.54736	1.1242	0.202656	1
cg25037043	0.345942	0.656865	-1.52238	0.00385682	0.185282	-5.39717	0.0163107	0.280383	-3.56655	0.0917828	0.447628	-2.234	5.40898	16.0612	2.63944	1
cg23996873	0.0838898	1.32158	1.32158	0.522053	1.0992	1.0992	0.749679	1.04777	1.04777	0.534538	0.912386	-1.09603	4.79793	1.61471	0.299149	1
cg16657724	0.728767	0.883866	-1.13139	0.00111894	0.182345	-5.48411	0.563384	1.23018	1.23018	0.00156593	0.199635	-5.00914	8.90229	17.7307	1.77041	1
cg04137702	0.128067	1.2447	1.2447	3.02E-06	0.227797	-4.38987	0.0066647	1.59745	1.59745	0.000498869	0.484475	-2.06409	42.132	11.8135	0.249237	1
cg10953158	0.00535817	4.39477	4.39477	0.10745	0.492043	-2.03234	0.00307184	0.194737	-5.13512	0.0687434	2.27576	2.27576	15.1742	39.1585	2.29386	1
cg13998871	0.0879827	1.63345	1.63345	0.179044	0.689361	-1.45062	0.441964	0.815204	-1.22669	0.0185387	0.475153	-2.10459	7.26918	7.81878	0.956096	1
cg05834477	0.012709	0.577709	-1.73098	0.000413672	0.370484	-2.69917	0.292197	0.823956	-1.21366	0.0384162	0.65375	-1.52964	6.89252	3.4272	0.441986	1
cg09233392	0.00526654	0.196164	-5.09779	0.000116597	0.0503493	-19.8612	0.429559	0.699783	-1.42902	0.432736	1.42537	1.42537	6.88966	21.3854	2.7591	1
cg09402276	?	?	?	0.166602	0.435992	-2.29362	0.0614819	0.302326	-3.30769	?	?	?	8.23072	26.4256	3.74571	1
cg03978579	0.792685	1.0593	1.0593	0.00861504	0.480633	-2.08059	0.00504328	0.444358	-2.25044	0.725928	1.08001	1.08001	6.45192	4.88772	0.673386	1
cg18521914	0.580848	1.07233	1.07233	0.0337784	0.733141	-1.36399	0.0111555	0.671429	-1.48936	0.875586	0.98057	-1.01981	5.33079	1.324	0.220771	1
cg25838091	0.150339	0.444597	-2.24923	0.00835658	5.88134	5.88134	0.508232	1.42315	1.42315	0.281197	1.80193	1.80193	4.8354	21.1682	3.89133	1
cg05378118	0.0624362	0.404892	-2.4698	0.0280601	0.326727	-3.06065	0.00710313	0.223256	-4.47917	0.548196	0.769536	-1.29948	3.71217	10.9287	2.6169	1
cg14771727	?	?	?	0.383248	0.689959	-1.44936	0.00643375	0.229692	-4.35366	0.964725	0.981811	-1.01853	3.49847	8.48527	2.42543	1
cg13957721	0.0184951	6.67932	6.67932	?	?	?	?	?	?	0.0138649	7.59513	7.59513	4.81354	20.6685	5.00947	1
cg24499627	0.0491751	0.24409	-4.09684	0.0331609	0.209289	-4.77808	0.00481957	0.0954893	-10.4724	0.0213587	0.17603	-5.68085	4.7766	29.8401	5.55301	1
cg11633461	0.169186	1.39599	1.39599	0.0118086	2.04644	2.04644	0.217126	1.34415	1.34415	0.119098	0.680274	-1.47	4.4565	3.66136	0.730291	1
cg06372475	0.872996	1.03275	1.03275	0.0119597	1.88087	1.88087	0.647708	1.09711	1.09711	0.136158	0.723616	-1.38195	4.14869	2.66661	0.571342	1
cg16873290	0.0209965	0.611665	-1.63488	0.000673093	0.398241	-2.51104	0.0495663	0.672572	-1.48683	0.730821	0.940692	-1.06305	5.10496	2.25248	0.441234	1
cg01534887	0.998361	1.00022	1.00022	0.042094	1.28361	1.28361	0.120004	0.835422	-1.197	0.595628	1.05876	1.05876	4.93909	0.889078	0.160007	1
cg03909471	0.765287	0.826828	-1.20944	0.0624042	0.263918	-3.78905	0.0247946	0.183212	-5.45816	0.0424836	0.226771	-4.40973	3.52675	22.532	5.679	1
cg11824509	0.161215	0.69454	-1.4398	0.13309	0.67385	-1.48401	0.817944	0.945379	-1.05778	0.425236	0.820074	-1.2194	9.73328	9.14794	0.835432	1
cg13746919	0.0662844	0.440624	-2.26951	0.0632438	0.435531	-2.29605	0.140491	1.87926	1.87926	0.597351	0.808891	-1.23626	4.99636	12.5269	2.22863	1
cg05901522	0.0344664	0.394344	-2.53586	0.00177863	0.186646	-5.35774	0.0135246	0.315603	-3.16853	0.052129	0.434512	-2.30143	7.3767	16.6319	2.00413	1
cg03623770	0.196661	0.755706	-1.32327	0.0542449	0.63876	-1.56553	0.0521073	0.635496	-1.57357	0.701961	1.08209	1.08209	7.07671	4.71879	0.592717	1
cg20617956	0.296716	0.817149	-1.22377	0.013284	0.564028	-1.77296	0.0238942	0.604678	-1.65377	0.868966	1.0313	1.0313	4.53353	2.50128	0.490425	1
cg27268110	0.89248	1.03294	1.03294	0.0270881	0.534138	-1.87217	0.0325764	0.549093	-1.82118	0.388857	1.23571	1.23571	4.05861	3.69204	0.808604	1
cg16751764	0.232944	0.871817	-1.14703	0.0281151	0.752446	-1.329	0.0316279	0.758538	-1.31833	0.0477543	0.780156	-1.28179	3.79179	0.722368	0.169341	1
cg09203802	0.224536	0.525963	-1.90128	0.00586187	0.16261	-6.14969	0.811888	0.886856	-1.12758	0.0456403	0.315322	-3.17136	3.9296	15.7854	3.57072	1
cg03599037	0.219142	0.755497	-1.32363	0.443652	0.844131	-1.18465	0.205883	0.748628	-1.33578	0.123153	0.696034	-1.43671	3.53644	2.63646	0.662678	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19340508	C10orf90	0.0105785	0.000701143	0.463391	-2.158	0.086583	1.32546	1.32546	0.889724	1.02086	1.02086	0.596098	1.08288	1.08288	0.875827	1.02355	1.02355
cg27039534	C10orf90	0.018845	0.310683	0.716496	-1.39568	0.540874	1.21744	1.21744	0.27874	1.43038	1.43038	0.453298	1.27482	1.27482	0.000330843	0.158501	-6.30912
cg15276536	C10orf90	0.023964	0.155281	1.18906	1.18906	0.527641	0.929722	-1.07559	0.200566	0.857319	-1.16643	0.0211813	1.37101	1.37101	0.694058	0.955982	-1.04605
cg15891358	C10orf90	0.0474061	0.858601	1.05483	1.05483	0.806432	0.929147	-1.07626	0.0332629	0.474786	-2.10621	0.0743267	0.551432	-1.81346	0.00676301	0.349632	-2.86015
cg25317157	C10orf90	0.0493044	0.879923	0.953033	-1.04928	0.135006	0.598853	-1.66986	0.747558	0.902338	-1.10823	0.969926	0.988075	-1.01207	0.00361638	0.285565	-3.50183
cg15834395	C10orf91	0.00142955	0.203305	1.26721	1.26721	0.787843	1.04872	1.04872	0.00595539	0.530378	-1.88545	0.549956	0.89882	-1.11257	0.00205808	0.465047	-2.15032
cg08200419	C10orf91	0.00632311	0.00795164	0.571342	-1.75027	0.256775	0.823075	-1.21496	0.00512852	0.544326	-1.83713	0.00528572	0.546169	-1.83093	0.87294	0.974016	-1.02668
cg04160753	C10orf91	0.00659418	0.197204	0.813188	-1.22973	0.000431132	0.429664	-2.3274	0.0629636	0.728105	-1.37343	0.0113899	0.618488	-1.61685	0.00752823	0.593521	-1.68486
cg01512840	C10orf91	0.00791583	0.0111684	0.400728	-2.49546	0.26941	0.718405	-1.39197	0.00104216	0.247636	-4.03818	0.499179	0.820976	-1.21806	0.0401913	0.505762	-1.97722
cg25828207	C10orf91	0.00805149	0.151265	0.902409	-1.10814	0.366737	1.06388	1.06388	0.0102643	0.805712	-1.24114	0.332807	0.935464	-1.06899	0.00261156	0.75701	-1.32099
cg05214088	C10orf93	0.000289518	0.00147609	0.755038	-1.32444	0.0833976	1.12454	1.12454	0.118822	0.901508	-1.10925	0.00182968	0.762479	-1.31151	0.000559588	0.72055	-1.38783
cg17000480	C10orf93	0.000396179	0.118004	1.53425	1.53425	1.00E-05	10.9201	10.9201	0.180504	1.43133	1.43133	0.0750089	1.64872	1.64872	0.00389444	0.375259	-2.66483
cg03438618	C10orf93	0.000458416	0.000153678	0.272694	-3.66712	0.79019	0.947993	-1.05486	0.0815439	0.679329	-1.47204	0.804701	0.951592	-1.05087	0.000313022	0.310241	-3.2233
cg11360416	C10orf93	0.00095566	0.234916	0.752418	-1.32905	0.00615256	2.26286	2.26286	0.0184409	0.520383	-1.92166	0.000373474	0.272434	-3.67061	0.00181136	0.362977	-2.75499
cg13281772	C10orf93	0.000984737	0.761136	0.915463	-1.09234	0.524908	1.20521	1.20521	0.0606719	0.541901	-1.84536	0.0280636	2.12041	2.12041	0.00014158	0.14928	-6.69884
cg24626659	C10orf93	0.00109306	0.00232801	0.115281	-8.67446	0.00160235	0.100261	-9.97395	0.0077947	0.176263	-5.67333	0.0457273	0.312275	-3.2023	0.000317289	0.051644	-19.3633
cg24411972	C10orf93	0.00152746	0.00233008	0.332759	-3.00518	0.163849	0.68075	-1.46897	0.00364793	0.361375	-2.76721	0.52976	0.848089	-1.17912	0.000880028	0.275082	-3.63528
cg23962250	C10orf93	0.00513346	0.0334661	0.512309	-1.95195	0.139085	0.651438	-1.53507	0.0429612	0.534184	-1.87201	0.126902	1.55959	1.55959	0.121822	1.57059	1.57059
cg10718425	C10orf93	0.00685689	0.185574	1.39003	1.39003	0.00148275	0.341096	-2.93172	0.00178903	0.352496	-2.83691	0.807392	1.05898	1.05898	0.35966	1.24727	1.24727
cg20100445	C10orf93	0.0186739	0.188513	0.719351	-1.39014	0.000927352	3.21931	3.21931	0.431107	1.20923	1.20923	0.122501	1.48537	1.48537	0.105126	0.657935	-1.51991
cg03904799	C10orf93	0.0241955	0.0073981	0.321466	-3.11075	0.0188083	0.39217	-2.54991	0.993641	1.00262	1.00262	0.00662845	0.313809	-3.18665	0.00761521	0.323504	-3.09115
cg01757745	C10orf93	0.02845	0.0271712	0.42942	-2.32872	0.00575492	0.310355	-3.22212	0.135783	0.594687	-1.68156	0.162608	1.6192	1.6192	0.670144	0.870643	-1.14858
cg19799413	C10orf93	0.0333635	0.173856	0.749369	-1.33446	0.766812	1.0611	1.0611	0.175994	0.750573	-1.33232	0.885535	0.971683	-1.02914	0.00858655	0.512485	-1.95128
cg26450740	C10orf93	0.0459646	0.392471	1.16258	1.16258	0.237661	0.808388	-1.23703	0.171517	1.28444	1.28444	0.622898	0.918301	-1.08897	0.00978513	0.570254	-1.7536
cg23563927	C10orf93	0.0461339	0.0159973	0.413695	-2.41724	0.876125	0.954386	-1.04779	0.583748	0.847381	-1.18011	0.500892	1.22687	1.22687	0.0338272	0.476348	-2.09931
cg24025893	C10orf93	0.0481133	0.473733	1.09842	1.09842	0.321498	1.14106	1.14106	0.117452	0.803263	-1.24492	0.978682	1.00345	1.00345	0.637364	0.940659	-1.06308
cg02040734	C10orf95	0.000106352	0.0207195	0.778636	-1.2843	4.29E-05	2.01063	2.01063	0.000883301	1.56475	1.56475	0.552096	0.94739	-1.05553	0.00159822	0.665756	-1.50205
cg19694241	C10orf95	0.0464278	0.19193	0.607732	-1.64546	0.482646	0.773172	-1.29337	0.0554345	2.18741	2.18741	0.254144	0.650952	-1.53621	0.021246	0.368469	-2.71393
cg13836550	C10orf96	0.00112341	0.0219844	1.76545	1.76545	0.000668266	2.93598	2.93598	0.52988	1.14071	1.14071	0.0643527	1.53714	1.53714	0.000722072	2.89828	2.89828
cg20672871	C10orf96	0.00141027	0.0973773	1.28016	1.28016	0.227329	1.18777	1.18777	0.183504	0.825639	-1.21118	0.514939	1.09379	1.09379	0.000890217	0.50875	-1.9656
cg00827976	C10orf96	0.00590854	0.672697	0.930725	-1.07443	0.0330061	1.52386	1.52386	0.00293611	0.501461	-1.99417	0.634097	1.08439	1.08439	0.000913246	0.432765	-2.31072
cg03472000	C10orf96	0.0088208	0.0608549	1.54551	1.54551	0.00565522	2.11298	2.11298	0.125826	0.710857	-1.40675	0.198234	0.75566	-1.32335	0.0175319	0.551226	-1.81414
cg02721176	C10orf96	0.0129655	0.0559669	3.4054	3.4054	0.0277067	4.36204	4.36204	0.506184	1.46486	1.46486	0.553242	0.712152	-1.40419	0.716977	0.8138	-1.2288
cg13329723	C10orf96	0.0184946	0.0825476	1.49145	1.49145	0.168608	1.35658	1.35658	0.0829392	0.6709	-1.49054	0.974352	1.00671	1.00671	0.00524748	0.46515	-2.14985
cg26713755	C10orf96	0.0237648	0.0195372	0.406954	-2.45728	0.00711033	0.330314	-3.02742	0.816517	1.07685	1.07685	0.504051	0.805741	-1.24109	0.00139551	0.228759	-4.37141
cg24407204	C10orf96;C10orf96	0.0233956	0.049722	0.477787	-2.09298	0.0846728	0.533023	-1.87609	0.0180724	0.38773	-2.57911	0.0262336	0.418968	-2.38682	0.00141803	0.217891	-4.58945
cg07798731	C10orf99	0.0491862	0.299563	0.832639	-1.201	0.918816	1.01752	1.01752	0.0124444	0.588688	-1.69869	0.035021	0.658058	-1.51962	0.17772	0.783479	-1.27636
cg23960684	C11orf10;FEN1	0.0176498	0.00828816	0.434035	-2.30396	0.0243002	1.94222	1.94222	0.107524	0.647708	-1.54391	0.141103	1.47901	1.47901	0.840865	0.951505	-1.05097
cg26061001	C11orf10;FEN1;MIR611	0.00141584	0.0556896	1.23541	1.23541	0.263791	1.12028	1.12028	0.198857	0.876009	-1.14154	7.46E-05	0.495905	-2.01652	0.0703291	1.21804	1.21804
cg14402562	C11orf16	2.84E-05	0.00407027	0.717618	-1.3935	0.000967759	1.52602	1.52602	0.407613	1.07561	1.07561	0.0390762	0.814238	-1.22814	1.01E-06	0.331642	-3.0153
cg02382426	C11orf16	0.000181251	0.00475456	0.398701	-2.50814	0.153137	1.45531	1.45531	0.0034894	0.378279	-2.64355	0.972896	0.991701	-1.00837	4.00E-06	0.0722567	-13.8395
cg01643624	C11orf16	0.0114082	0.0451222	1.45656	1.45656	0.58318	1.0949	1.0949	0.74365	0.947731	-1.05515	0.105255	1.33584	1.33584	0.00154938	0.474914	-2.10565
cg12906748	C11orf16	0.0118616	0.311367	0.7035	-1.42146	0.0331047	2.30841	2.30841	0.21585	0.64573	-1.54863	0.515693	1.24771	1.24771	0.000720568	0.177673	-5.62833
cg03067403	C11orf16	0.0368467	0.24304	0.71642	-1.39583	0.180058	1.47498	1.47498	0.455443	0.812595	-1.23063	0.524616	0.838609	-1.19245	0.00576846	0.372497	-2.68459
cg08568550	C11orf16	0.049378	0.177844	0.548325	-1.82374	0.317598	1.54269	1.54269	0.626703	0.814084	-1.22837	0.755816	1.13987	1.13987	0.00338199	0.187781	-5.32535
cg22030047	C11orf16;C11orf16	0.00144128	0.000413713	0.466451	-2.14385	0.847374	0.974118	-1.02657	0.0375024	0.720022	-1.38885	0.044379	0.730346	-1.36921	0.000287903	0.446983	-2.23722
cg19793902	C11orf17;C11orf17	0.000266783	0.875236	1.0228	1.0228	0.0227131	1.47885	1.47885	0.00199989	0.534795	-1.86987	0.520742	0.910835	-1.09789	0.00156055	0.520876	-1.91984
cg08561325	C11orf17;ST5;C11orf17;C11orf17	0.000866752	0.642805	1.04098	1.04098	0.00928695	1.32822	1.32822	0.00193473	1.45826	1.45826	0.709722	1.03268	1.03268	0.0785219	1.183	1.183
cg04189727	C11orf2	0.000204049	0.429186	0.885418	-1.12941	0.186065	1.23541	1.23541	0.000100992	0.353761	-2.82677	0.842887	1.03038	1.03038	1.04E-05	0.241336	-4.1436
cg12424468	C11orf2	0.00103798	0.010437	2.96642	2.96642	0.0344765	2.29713	2.29713	0.097518	1.84627	1.84627	0.487154	0.788138	-1.26881	0.000302543	0.137957	-7.24863
cg13853761	C11orf2	0.00248674	0.136603	1.88916	1.88916	0.0251196	2.8768	2.8768	0.00752423	3.91311	3.91311	0.0565136	2.3547	2.3547	0.0206668	0.331088	-3.02034
cg03075214	C11orf2	0.00350864	0.435109	0.79976	-1.25038	0.240897	0.708577	-1.41128	0.00138947	0.272484	-3.66994	0.0325146	0.495486	-2.01822	0.00288668	0.316733	-3.15723
cg01981334	C11orf2	0.00605086	0.958337	1.01126	1.01126	0.00157609	0.378175	-2.64428	0.000883048	0.343788	-2.90877	0.394613	1.20539	1.20539	0.00387599	0.434563	-2.30116
cg21305021	C11orf2	0.0268256	0.0029704	0.37267	-2.68334	0.0475839	0.577779	-1.73077	0.0514556	0.584613	-1.71053	0.0169812	0.494214	-2.02342	0.00708955	0.430718	-2.3217
cg10925417	C11orf2	0.0408097	0.317801	0.804834	-1.24249	0.203996	0.754365	-1.32562	0.576809	1.12585	1.12585	0.0495341	0.624267	-1.60188	0.823843	1.048	1.048
cg09202050	C11orf2	0.042267	0.190819	1.16439	1.16439	0.318859	1.11985	1.11985	0.533008	0.932973	-1.07184	0.175074	1.17171	1.17171	0.635293	1.0539	1.0539
cg13626866	C11orf2	0.0499913	0.159931	1.58763	1.58763	0.097991	1.74855	1.74855	0.0609347	1.91599	1.91599	0.645388	1.15332	1.15332	0.871871	0.951525	-1.05094
cg25168700	C11orf20	0.000120228	0.00270544	2.72883	2.72883	0.000197172	4.55334	4.55334	0.209252	1.37802	1.37802	0.0746629	1.6178	1.6178	0.000331598	4.07	4.07
cg24027931	C11orf20	0.00404019	0.0236545	3.08941	3.08941	0.00630215	4.41714	4.41714	0.0561704	2.46703	2.46703	0.107223	2.08362	2.08362	0.00851146	4.06331	4.06331
cg18383813	C11orf20	0.0179634	0.122596	2.89502	2.89502	0.033923	4.82233	4.82233	0.154007	2.63698	2.63698	0.162177	2.58113	2.58113	0.0861901	3.3352	3.3352
cg25641997	C11orf20	0.0295439	0.0420418	8.86938	8.86938	0.0296165	10.8678	10.8678	0.122551	4.75371	4.75371	0.153889	4.14657	4.14657	0.0342239	9.99219	9.99219
cg09675196	C11orf20	0.0310479	0.108845	8.75283	8.75283	0.0271867	25.6153	25.6153	0.233365	4.71174	4.71174	0.186735	5.67589	5.67589	0.103918	9.07717	9.07717
cg05098417	C11orf20	0.0350288	0.0807938	3.30537	3.30537	0.2057	2.28023	2.28023	0.238858	2.14179	2.14179	0.152119	2.57854	2.57854	0.0610074	3.68284	3.68284
cg21201830	C11orf21;C11orf21;TSPAN32	0.000164532	0.750713	0.946203	-1.05686	0.398983	0.860871	-1.16161	0.0142027	0.591644	-1.6902	0.0390065	0.660655	-1.51365	5.33E-06	0.167115	-5.9839
cg15579389	C11orf21;C11orf21;TSPAN32	0.008777	0.0353489	0.53257	-1.87769	0.0203247	0.487157	-2.05273	0.0163739	0.470285	-2.12637	0.0243549	0.501634	-1.99349	0.00251704	0.340056	-2.94069
cg09358071	C11orf21;C11orf21;TSPAN32	0.0236315	0.0877775	0.61119	-1.63615	0.252427	1.36664	1.36664	0.00381626	0.360879	-2.77101	0.0302265	0.513881	-1.94598	0.0103902	0.430332	-2.32379
cg03494648	C11orf21;TSPAN32;C11orf21	0.000775465	0.082317	0.553706	-1.80601	0.0253071	0.44187	-2.26311	1.67E-05	0.066022	-15.1465	0.0314693	0.460756	-2.17034	0.81222	0.929514	-1.07583
cg11525052	C11orf21;TSPAN32;C11orf21	0.00112227	0.0526232	0.700495	-1.42756	0.982661	1.00352	1.00352	0.00013113	0.34216	-2.92261	0.000641472	0.428907	-2.33151	0.897726	0.979438	-1.02099
cg00041575	C11orf21;TSPAN32;C11orf21	0.00135815	0.0105686	1.46527	1.46527	0.0906751	1.24785	1.24785	0.0152662	0.701966	-1.42457	0.0317203	1.34866	1.34866	0.0537217	0.770893	-1.2972
cg09114153	C11orf21;TSPAN32;C11orf21	0.00145115	0.000394256	0.422574	-2.36645	0.0167275	0.640382	-1.56157	0.000289631	0.4057	-2.46488	0.121459	0.773977	-1.29203	0.00127224	0.488068	-2.04889
cg23929682	C11orf21;TSPAN32;C11orf21	0.00161845	0.0507826	0.518715	-1.92784	0.294587	0.725691	-1.378	0.000123611	0.138806	-7.20431	0.0197347	0.435817	-2.29454	0.00122752	0.247952	-4.03304
cg05403469	C11orf21;TSPAN32;C11orf21	0.00207849	0.139729	0.729577	-1.37066	0.00029481	0.31041	-3.22154	0.000984822	0.378392	-2.64276	0.0158227	0.556265	-1.7977	0.117829	0.713936	-1.40069
cg13186130	C11orf21;TSPAN32;C11orf21	0.00454319	0.14616	0.652877	-1.53168	0.632804	0.876729	-1.1406	0.00126632	0.276469	-3.61704	0.00860065	0.400175	-2.49891	0.00118303	0.272562	-3.66889
cg15924868	C11orf21;TSPAN32;C11orf21	0.00477103	0.016765	0.230678	-4.33504	0.00609596	0.16549	-6.04268	0.000459412	0.0625911	-15.9767	0.0123206	0.208895	-4.78709	0.00634922	0.167781	-5.96014
cg25961099	C11orf21;TSPAN32;C11orf21	0.00704479	0.0116507	0.568226	-1.75986	0.178316	0.77384	-1.29226	0.000221278	0.331902	-3.01294	0.122767	0.740978	-1.34957	0.156374	0.76199	-1.31235
cg13731761	C11orf21;TSPAN32;C11orf21	0.00973804	0.641095	1.06124	1.06124	0.0260465	0.715787	-1.39706	0.0488517	0.752175	-1.32948	0.000559697	0.507903	-1.96888	0.972172	0.995594	-1.00443
cg01211906	C11orf21;TSPAN32;C11orf21	0.0102859	0.0338786	0.583731	-1.71312	0.0058777	0.456836	-2.18897	0.0122201	0.507384	-1.97089	0.651993	1.1037	1.1037	0.0100028	0.493246	-2.02739
cg05608541	C11orf21;TSPAN32;C11orf21	0.0155978	0.0923538	0.586465	-1.70513	0.194297	0.673293	-1.48524	0.00533035	0.347313	-2.87925	0.0907058	0.584556	-1.7107	0.0142105	0.418375	-2.3902
cg08273740	C11orf21;TSPAN32;C11orf21	0.0224198	0.121039	0.729663	-1.3705	0.265424	0.804473	-1.24305	0.00392563	0.483066	-2.07011	0.0794118	0.694182	-1.44055	0.0741007	0.688577	-1.45227
cg07489413	C11orf21;TSPAN32;C11orf21	0.023032	0.0437374	0.472827	-2.11494	0.402976	0.758403	-1.31856	0.00126643	0.218725	-4.57195	0.0496608	0.485031	-2.06172	0.20507	0.649195	-1.54037
cg19766471	C11orf21;TSPAN32;C11orf21	0.0239684	0.283209	0.770633	-1.29763	0.61858	0.889334	-1.12444	0.0206341	0.521319	-1.91821	0.0214278	0.524228	-1.90757	0.904932	1.02831	1.02831
cg01612681	C11orf21;TSPAN32;C11orf21	0.024318	0.0306773	0.468298	-2.13539	0.466631	0.801429	-1.24777	0.00384198	0.312159	-3.20349	0.124024	0.607913	-1.64497	0.00192777	0.269387	-3.71213
cg22210337	C11orf21;TSPAN32;C11orf21	0.0266784	0.067288	0.536809	-1.86286	0.683006	0.882876	-1.13266	0.00499226	0.323897	-3.0874	0.0091293	0.366119	-2.73135	0.369866	0.756239	-1.32233
cg05509777	C11orf21;TSPAN32;C11orf21	0.0294683	0.0920801	0.527064	-1.8973	0.359945	0.722475	-1.38413	0.00356465	0.255713	-3.91064	0.0198034	0.378422	-2.64255	0.00724473	0.302219	-3.30886
cg21027517	C11orf21;TSPAN32;C11orf21	0.0351547	0.0392872	0.468758	-2.1333	0.636198	0.859519	-1.16344	0.00220128	0.255717	-3.91057	0.0498438	0.491297	-2.03543	0.0240031	0.425116	-2.3523
cg06101192	C11orf24	0.000311833	0.991044	1.00157	1.00157	0.0201931	1.4806	1.4806	0.124266	1.2626	1.2626	0.727566	0.952185	-1.05022	0.0185978	1.49144	1.49144
cg05590361	C11orf24	0.00845077	0.0223051	1.46557	1.46557	0.13126	0.796585	-1.25536	0.781697	1.03954	1.03954	0.000840716	0.496066	-2.01586	0.582896	1.08049	1.08049
cg12879713	C11orf2;TM7SF2	0.0108889	0.0928826	0.713144	-1.40224	0.00731127	0.531307	-1.88215	0.000466226	0.365585	-2.73534	0.547445	1.11775	1.11775	0.866298	1.03129	1.03129
cg10718721	C11orf30	0.000805107	0.211229	0.880434	-1.1358	0.00328983	0.678972	-1.47281	0.017649	0.756488	-1.3219	0.540895	1.06167	1.06167	0.606974	0.951074	-1.05144
cg10630129	C11orf30	0.000861754	0.88157	1.01345	1.01345	0.0273057	1.26369	1.26369	0.000304269	1.69198	1.69198	0.593739	1.04943	1.04943	0.000101063	1.85426	1.85426
cg01423368	C11orf30	0.00243185	0.00386696	0.749459	-1.3343	0.00355973	0.746258	-1.34002	0.00085599	0.689937	-1.44941	0.61003	1.03886	1.03886	0.609808	1.03888	1.03888
cg12820122	C11orf30	0.00401908	0.0078798	0.571984	-1.7483	0.175725	0.789821	-1.26611	0.290462	0.835446	-1.19697	0.0277122	0.652805	-1.53185	0.0031029	0.515265	-1.94075
cg16922658	C11orf30	0.0114059	0.369593	1.34253	1.34253	0.00125482	4.50855	4.50855	0.0389383	2.1471	2.1471	0.446593	1.28145	1.28145	0.119167	1.71704	1.71704
cg11197202	C11orf30	0.026248	0.0611363	0.293333	-3.40909	0.314038	1.83155	1.83155	0.0869338	0.333288	-3.0004	0.795737	0.860038	-1.16274	0.0742099	0.314651	-3.17812
cg19873631	C11orf31	0.0144584	0.0182065	0.538195	-1.85806	0.00232404	0.398889	-2.50696	0.01795	0.537149	-1.86168	0.0955404	0.673203	-1.48544	0.125268	0.698672	-1.43129
cg21581267	C11orf31	0.0270232	0.997535	0.998665	-1.00134	0.860236	1.07919	1.07919	0.0225898	0.307028	-3.25703	0.0810165	2.30851	2.30851	0.00616524	0.213319	-4.68781
cg21488132	C11orf31	0.0274248	0.0444118	0.32864	-3.04285	0.0995557	0.418909	-2.38715	0.736638	0.849849	-1.17668	0.196322	0.517603	-1.93198	0.00729726	0.188684	-5.29986
cg25909368	C11orf34	0.000289335	0.608496	1.0898	1.0898	8.01E-05	0.305633	-3.2719	0.0362924	0.66687	-1.49954	0.182844	1.26527	1.26527	0.000238625	0.363247	-2.75295
cg00167836	C11orf34	0.0140294	0.512243	0.79947	-1.25083	0.018187	0.380773	-2.62624	0.00194811	0.22869	-4.37273	0.00740627	0.312959	-3.19531	0.046432	0.463907	-2.15561
cg27398535	C11orf34	0.0369329	0.106952	0.632254	-1.58164	0.53857	0.850262	-1.17611	0.0134439	0.450551	-2.21951	0.035113	0.527568	-1.89549	0.00199285	0.320739	-3.1178
cg01743835	C11orf34;C11orf34	5.36E-05	0.063097	0.816065	-1.22539	0.00435561	0.690474	-1.44828	5.90E-07	0.262392	-3.8111	0.0138341	0.743951	-1.34417	0.000252512	0.556203	-1.79791
cg22876106	C11orf35	0.000338282	0.361484	0.856983	-1.16688	0.0182964	0.624269	-1.60187	0.000322538	0.383965	-2.60441	0.190554	1.25616	1.25616	4.01E-05	0.274972	-3.63673
cg00716245	C11orf35	0.000355983	0.124573	1.37575	1.37575	0.229985	0.785357	-1.27331	0.849237	0.96415	-1.03718	0.94288	1.01384	1.01384	0.0743901	0.682929	-1.46428
cg18098722	C11orf35	0.00193614	0.564734	1.24338	1.24338	0.0015117	0.180844	-5.52963	0.127525	0.539762	-1.85267	0.169833	1.72833	1.72833	0.00445935	0.241866	-4.13452
cg16091292	C11orf35	0.0191656	0.0150955	0.0605793	-16.5073	?	?	?	0.0460771	0.116926	-8.55239	0.268278	0.33869	-2.95255	0.00952252	0.0457937	-21.8371
cg18169245	C11orf35	0.0235005	0.589818	0.853151	-1.17212	0.508239	0.822132	-1.21635	0.0178184	0.431468	-2.31767	0.040521	1.99433	1.99433	0.546687	1.19482	1.19482
cg17957235	C11orf36	0.0421341	0.972013	1.00958	1.00958	0.395717	1.26669	1.26669	0.0447892	1.87023	1.87023	0.00838685	2.49758	2.49758	0.784431	0.928181	-1.07738
cg20376581	C11orf36;MRGPRG	0.000284919	0.174465	0.788895	-1.2676	0.340261	1.17508	1.17508	0.0627111	1.41029	1.41029	0.573911	1.09775	1.09775	0.00111151	0.454466	-2.20038
cg01540165	C11orf36;MRGPRG	0.00144383	0.203882	0.776646	-1.28759	0.000620467	0.370549	-2.6987	0.100242	0.712161	-1.40418	0.740482	0.939268	-1.06466	0.00291669	0.462572	-2.16183
cg13451637	C11orf40	0.000280168	1.94E-05	0.0870484	-11.4879	0.488756	0.820284	-1.21909	0.000965126	0.250532	-3.9915	0.0727831	0.569042	-1.75734	0.154361	0.650861	-1.53643
cg15845071	C11orf40	0.00205905	0.00056776	0.0743027	-13.4585	0.442194	0.682827	-1.4645	0.0164317	0.239904	-4.16834	0.391367	0.65209	-1.53353	0.00269486	0.132821	-7.5289
cg12865405	C11orf40	0.0105474	0.190968	0.645378	-1.54948	0.0161136	0.394072	-2.53761	0.0987672	0.564123	-1.77266	0.00461508	0.303575	-3.29408	0.779398	1.09287	1.09287
cg07850246	C11orf40	0.0142935	0.0150791	0.306237	-3.26544	0.979505	0.989874	-1.01023	0.146669	0.539452	-1.85373	0.0265009	0.352698	-2.83529	0.00122964	0.153711	-6.5057
cg16497714	C11orf40	0.0165819	0.0101408	0.0897582	-11.141	0.00863993	0.0830192	-12.0454	0.0338324	0.158527	-6.30808	0.120235	0.28569	-3.5003	0.0318126	0.15407	-6.49055
cg23160136	C11orf40	0.0186826	0.000981301	0.131106	-7.62739	0.0803544	0.447473	-2.23477	0.440689	0.721829	-1.38537	0.957029	0.97791	-1.02259	0.234775	1.6758	1.6758
cg06109939	C11orf41	0.000256873	0.0784497	0.801981	-1.24691	0.000605666	1.81627	1.81627	0.0485467	1.28967	1.28967	0.0472144	1.29218	1.29218	7.83E-05	0.4464	-2.24014
cg03479289	C11orf41	0.0050941	0.0158456	0.628104	-1.59209	0.135731	0.776454	-1.28791	0.0332159	1.47954	1.47954	0.0740441	0.731036	-1.36792	0.00296922	0.526433	-1.89958
cg12490907	C11orf41	0.012294	0.556071	0.851335	-1.17463	0.181044	0.681222	-1.46795	0.901295	1.03411	1.03411	0.02995	1.99439	1.99439	0.805028	1.06914	1.06914
cg07599644	C11orf41	0.0272251	0.387839	0.834918	-1.19772	0.0324771	1.66577	1.66577	0.00105993	2.68266	2.68266	0.913103	1.0225	1.0225	0.825319	1.04609	1.04609
cg13075444	C11orf41	0.031285	0.972097	1.00847	1.00847	0.0479912	1.72484	1.72484	0.305947	1.29126	1.29126	0.0781052	1.60329	1.60329	0.00472844	0.404539	-2.47195
cg03179726	C11orf41	0.0335856	0.0468201	0.615733	-1.62408	0.510186	0.867328	-1.15297	0.093221	0.674713	-1.48211	0.359681	0.818182	-1.22222	0.00178562	0.387776	-2.57881
cg14472551	C11orf41	0.044047	0.0218716	0.59824	-1.67157	0.908701	0.978803	-1.02166	0.266565	0.805584	-1.24134	0.0366936	1.57353	1.57353	0.381483	1.18251	1.18251
cg22937632	C11orf41;C11orf41	0.0236332	0.973426	0.994729	-1.0053	0.443457	0.883406	-1.13198	0.585486	0.916329	-1.09131	0.0665299	1.38604	1.38604	0.633186	1.07927	1.07927
cg13162577	C11orf42	2.73E-05	0.145454	1.3664	1.3664	0.00105918	0.380261	-2.62977	0.80536	0.95189	-1.05054	0.546679	0.88531	-1.12955	4.59E-07	0.0585237	-17.0871
cg09600152	C11orf42	0.000358763	0.00028712	0.200437	-4.98909	0.489071	0.826287	-1.21023	3.04E-05	0.109324	-9.14716	0.693332	1.11361	1.11361	0.000247101	0.19332	-5.17277
cg22230387	C11orf42	0.00263797	0.407803	0.856791	-1.16715	0.000226923	0.326658	-3.06131	0.0461368	0.658948	-1.51757	0.000837194	0.399538	-2.50289	0.354682	0.840455	-1.18983
cg19310430	C11orf45;KCNJ5	0.00165351	0.00655809	0.298807	-3.34664	3.69E-05	0.0662201	-15.1012	0.00451766	0.274039	-3.64912	0.0657895	0.493499	-2.02635	0.00754803	0.308549	-3.24097
cg02789688	C11orf45;KCNJ5	0.043144	0.318321	0.852525	-1.17299	0.330982	0.856272	-1.16785	0.279332	0.840308	-1.19004	0.720827	1.05708	1.05708	0.011474	0.613087	-1.63109
cg27189784	C11orf46	0.00381945	0.631928	0.860367	-1.16229	0.024454	0.433705	-2.30571	0.00714725	0.33875	-2.95203	0.058119	1.94913	1.94913	0.00564587	0.322439	-3.10136
cg24666013	C11orf46	0.00561052	0.00180784	0.396989	-2.51896	0.0995429	0.686671	-1.4563	0.000465629	0.317871	-3.14593	0.0627417	0.646596	-1.54656	0.0376407	0.605241	-1.65223
cg10346511	C11orf46	0.0111395	0.486823	1.15074	1.15074	0.0326564	0.608483	-1.64343	0.770781	0.943596	-1.05978	0.762797	1.062	1.062	0.286813	1.24583	1.24583
cg19425083	C11orf46	0.0223447	0.000997008	0.535888	-1.86606	0.627413	1.06441	1.06441	0.271572	1.15726	1.15726	0.633905	1.06314	1.06314	0.311281	1.14303	1.14303
cg06241208	C11orf46	0.0379151	0.0584905	0.225902	-4.4267	0.0480211	0.207443	-4.8206	0.00439125	0.070858	-14.1127	0.667323	0.740128	-1.35112	0.0374088	0.186212	-5.37022
cg17678115	C11orf46	0.0422736	0.767886	1.08369	1.08369	0.00802545	0.397576	-2.51525	0.0354216	0.514231	-1.94465	0.297803	1.34055	1.34055	0.661925	0.887384	-1.12691
cg09906309	C11orf46	0.0476746	0.274802	0.739974	-1.3514	0.0307976	0.510567	-1.95861	0.0286298	1.98241	1.98241	0.114839	0.634795	-1.57531	0.986089	1.00463	1.00463
cg20224223	C11orf46	0.0497175	0.0668755	1.70522	1.70522	0.0997793	0.625881	-1.59775	0.781031	1.07508	1.07508	0.185782	0.694558	-1.43976	0.0764853	0.599332	-1.66852
cg26197155	C11orf46;C11orf46	0.000247324	0.0312247	1.90551	1.90551	0.752019	0.922329	-1.08421	0.093799	1.59999	1.59999	0.484825	1.19849	1.19849	0.257323	0.739691	-1.35192
cg03573187	C11orf48	0.0201263	0.0617507	0.693639	-1.44167	0.0413894	0.664307	-1.50533	0.0141699	0.590822	-1.69256	0.0592782	0.690581	-1.44806	0.0609665	0.692681	-1.44367
cg02375832	C11orf48	0.0359872	0.00710644	0.257208	-3.8879	0.154247	0.551281	-1.81396	0.826672	1.0894	1.0894	0.798229	0.904812	-1.1052	0.00369289	0.216076	-4.628
cg09177194	C11orf48	0.0379747	0.0705402	1.84115	1.84115	0.00864029	2.74873	2.74873	0.0320162	2.13554	2.13554	0.157072	1.57938	1.57938	0.0146162	2.47959	2.47959
cg27305510	C11orf48;METTL12	0.0261661	0.00457667	0.41624	-2.40246	0.394065	0.816541	-1.22468	0.34982	0.799763	-1.25037	0.774673	0.935534	-1.06891	0.0752274	0.631336	-1.58394
cg04433129	C11orf48;SNORA57;METTL12	0.0107107	0.10131	1.2656	1.2656	0.0195022	0.690275	-1.4487	0.0309157	0.716994	-1.39471	0.0228251	0.699328	-1.42994	0.162923	0.822388	-1.21597

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19340508	0.831496	0.968781	-1.03223	0.0108749	1.60953	1.60953	0.102395	1.3048	1.3048	0.435872	1.12561	1.12561	5.80503	2.03693	0.311903	1
cg27039534	0.816573	1.07664	1.07664	0.771971	1.09675	1.09675	0.467721	0.790693	-1.26471	0.522794	0.813957	-1.22857	4.80033	7.67962	1.42206	1
cg15276536	0.946522	0.992391	-1.00767	0.003525	1.5691	1.5691	0.0542238	0.779759	-1.28245	0.294158	0.883469	-1.1319	4.4217	0.908016	0.182538	1
cg15891358	0.243101	1.44144	1.44144	0.0237728	0.445848	-2.24292	0.51113	0.819136	-1.2208	0.179482	0.652588	-1.53236	3.45718	4.9064	1.2615	1
cg25317157	0.518788	1.2314	1.2314	0.0520765	2.02022	2.02022	0.211058	1.52093	1.52093	0.307768	0.714653	-1.39928	3.40621	5.46295	1.42562	1
cg15834395	0.0407555	0.659317	-1.51672	0.00025455	2.89429	2.89429	0.0519802	1.47685	1.47685	0.681517	0.929813	-1.07549	10.6256	5.2338	0.437836	1
cg08200419	0.506572	1.11723	1.11723	0.0446631	1.46111	1.46111	0.0330168	0.663582	-1.50697	0.00640805	0.557981	-1.79218	6.82752	2.92609	0.380954	1
cg04160753	0.0230611	0.662171	-1.51018	0.00785789	0.596086	-1.67761	0.136063	0.78376	-1.2759	0.0134196	0.628502	-1.59108	6.73921	2.45595	0.323935	1
cg01512840	0.0401354	0.505636	-1.97771	0.29726	1.36442	1.36442	0.398972	1.28185	1.28185	0.00396317	0.328197	-3.04695	6.36529	8.33564	1.16404	1
cg25828207	0.0491321	1.1618	1.1618	0.0387997	1.17324	1.17324	0.0406407	0.853984	-1.17098	0.073143	0.875071	-1.14276	6.33135	0.447124	0.0627739	1
cg05214088	0.00820819	0.812922	-1.23013	0.000115375	1.513	1.513	0.722455	0.978395	-1.02208	0.179696	0.916425	-1.0912	16.611	0.986787	0.0528051	1
cg17000480	0.900048	1.03219	1.03219	0.00947876	2.29089	2.29089	0.0231765	1.98281	1.98281	0.100808	1.57338	1.57338	15.2405	15.3495	0.895248	1
cg03438618	0.000299579	0.307865	-3.24817	0.000252736	0.298734	-3.34747	0.535133	0.8818	-1.13404	0.00580156	0.484934	-2.06214	14.6385	9.2997	0.564703	1
cg11360416	0.807781	0.945829	-1.05727	0.0421223	1.70747	1.70747	0.775318	1.06757	1.06757	0.00187447	0.365081	-2.73912	11.9187	9.85499	0.734978	1
cg13281772	0.00617172	0.355306	-2.81447	0.0125359	0.406715	-2.45872	0.0013104	0.257893	-3.87758	0.00370458	0.321082	-3.11447	11.8179	15.7079	1.18148	1
cg24626659	0.00541649	0.155702	-6.42252	0.000157064	0.0373929	-26.7431	0.167465	0.473474	-2.11205	0.0340629	0.284537	-3.51448	11.4729	46.9144	3.6348	1
cg24411972	0.0197783	0.482644	-2.07192	9.21E-05	0.164103	-6.09372	0.254758	0.735072	-1.36041	0.554461	0.856621	-1.16738	10.425	11.0619	0.943194	1
cg23962250	0.00616905	0.382279	-2.61589	?	?	?	0.0025497	0.324055	-3.0859	0.0547758	1.79751	1.79751	7.43547	7.58512	1.02013	1
cg10718425	0.376477	0.808215	-1.23729	0.00629456	0.433916	-2.3046	0.128007	0.679747	-1.47113	0.354083	0.799569	-1.25067	6.65783	5.80392	0.774882	1
cg20100445	0.874545	0.963333	-1.03806	0.551995	0.867396	-1.15288	0.978157	0.993548	-1.00649	0.0482156	1.70533	1.70533	4.81514	4.26271	0.786908	1
cg03904799	0.064933	0.505781	-1.97714	0.228705	0.660035	-1.51507	0.246691	0.6714	-1.48943	0.0943558	0.546188	-1.83087	4.407	7.54926	1.52268	1
cg01757745	0.964796	1.01437	1.01437	0.42652	0.769133	-1.30017	0.0052949	0.304739	-3.2815	0.528548	0.813488	-1.22927	4.1643	6.89345	1.47144	1
cg19799413	0.180646	0.753155	-1.32775	0.0107906	1.89395	1.89395	0.138784	1.37407	1.37407	0.952485	1.01195	1.01195	3.93453	2.47816	0.559866	1
cg26450740	0.31968	0.837923	-1.19343	0.166212	0.775796	-1.289	0.725676	1.06245	1.06245	0.0186239	1.63313	1.63313	3.4976	1.63796	0.416275	1
cg23563927	0.667315	0.878605	-1.13817	0.00382877	0.311364	-3.21167	0.188423	0.658964	-1.51753	0.123552	0.606994	-1.64746	3.49277	4.95493	1.261	1
cg24025893	0.940616	0.990447	-1.00964	0.00280315	1.69992	1.69992	0.0565514	1.32063	1.32063	0.11208	1.24971	1.24971	3.4379	0.903796	0.233682	1
cg02040734	0.0630932	1.20661	1.20661	0.000407177	0.603704	-1.65644	0.00814544	0.73765	-1.35566	0.0617777	1.20804	1.20804	21.7786	2.78405	0.11363	1
cg19694241	0.0584255	0.462574	-2.16181	0.0173985	0.352048	-2.84052	0.129918	0.554432	-1.80365	0.107716	0.531068	-1.883	3.48444	7.1734	1.82995	1
cg13836550	0.0482052	1.59529	1.59529	8.21E-05	4.34093	4.34093	0.00516096	2.14677	2.14677	0.0304069	1.69274	1.69274	11.3838	7.71556	0.602458	1
cg20672871	0.0571944	0.746673	-1.33928	0.000241605	2.28081	2.28081	0.0344943	1.39764	1.39764	0.104062	1.2729	1.2729	10.6671	3.11442	0.259524	1
cg00827976	0.250358	1.22501	1.22501	0.125671	1.32313	1.32313	0.267846	1.21533	1.21533	0.835281	0.965433	-1.03581	6.97213	3.15216	0.401875	1
cg03472000	0.0105609	0.515442	-1.94008	0.330173	0.812991	-1.23003	0.0478807	1.59368	1.59368	0.945629	0.986046	-1.01415	6.15148	4.1358	0.597623	1
cg02721176	0.708311	0.808392	-1.23702	0.0012912	14.211	14.211	0.00444075	8.57114	8.57114	0.0628116	3.26994	3.26994	5.43487	27.5725	4.50957	1
cg13329723	0.877347	1.03263	1.03263	0.395413	1.19835	1.19835	0.00558032	2.13127	2.13127	0.902359	1.02584	1.02584	4.83083	3.30668	0.60844	1
cg26713755	0.267866	0.692338	-1.44438	0.614687	0.850696	-1.17551	0.859186	0.944998	-1.0582	0.182121	0.636899	-1.57011	4.43449	7.12768	1.42874	1
cg24407204	0.985711	0.994109	-1.00593	0.263385	0.680656	-1.46917	0.498286	0.797056	-1.25462	0.556954	1.21653	1.21653	4.45855	7.68723	1.53258	1
cg07798731	0.25814	0.817898	-1.22265	0.0475282	1.47128	1.47128	0.227345	1.24099	1.24099	0.245426	0.813041	-1.22995	3.40931	1.56712	0.408585	1
cg23960684	0.113172	1.53156	1.53156	0.0155432	0.480103	-2.08289	0.291716	1.31064	1.31064	0.581964	0.87155	-1.14738	4.90741	4.75197	0.860732	1
cg26061001	0.00738676	0.714224	-1.40012	?	?	?	0.57906	1.05616	1.05616	0.955903	0.994623	-1.00541	10.9035	1.45932	0.13384	1
cg14402562	0.00126767	0.667163	-1.49888	0.00450106	1.3852	1.3852	0.84673	0.983486	-1.01679	0.0910346	0.851989	-1.17372	30.9043	3.62424	0.104242	1
cg02382426	0.583611	0.873045	-1.14542	0.00780744	0.432746	-2.31082	0.136043	1.48289	1.48289	0.0107561	0.455654	-2.19465	18.8676	17.9768	0.846924	1
cg01643624	0.729659	1.0584	1.0584	0.00685419	1.77332	1.77332	0.737032	1.05668	1.05668	0.245476	0.81977	-1.21986	5.66552	2.4015	0.376782	1
cg12906748	0.330636	0.71386	-1.40083	0.445701	0.770262	-1.29826	0.0371544	2.25339	2.25339	0.825904	0.9287	-1.07677	5.5945	9.99014	1.5873	1
cg03067403	0.842509	0.947144	-1.05581	0.0110915	2.38543	2.38543	0.370879	1.28509	1.28509	0.538477	0.843651	-1.18532	3.7956	4.47973	1.04911	1
cg08568550	0.702132	0.851073	-1.17499	0.0801421	0.442766	-2.25853	0.0716473	2.32584	2.32584	0.73371	0.866495	-1.15407	3.40428	9.49523	2.47929	1
cg22030047	0.0479977	1.36017	1.36017	0.507114	1.09591	1.09591	0.0125996	0.655625	-1.52526	0.0135184	0.659681	-1.51588	10.6007	3.10922	0.260715	1
cg19793902	0.00068873	0.475462	-2.10322	1.84E-05	0.28568	-3.50043	0.508331	1.10106	1.10106	0.0378089	0.707815	-1.4128	16.9863	5.53753	0.289778	1
cg08561325	0.683328	0.965344	-1.0359	7.20E-05	0.536974	-1.86229	0.0349272	1.23538	1.23538	0.101025	1.16701	1.16701	12.2522	1.43512	0.104116	1
cg04189727	0.808326	0.964016	-1.03733	0.318704	1.16812	1.16812	0.0438619	0.705189	-1.41806	0.00201002	0.518277	-1.92947	18.2716	6.57986	0.320101	1
cg12424468	0.0339314	0.43387	-2.30484	0.0186703	2.61545	2.61545	0.00341665	3.8252	3.8252	0.0239004	2.4816	2.4816	11.6427	20.9715	1.60111	1
cg13853761	0.59103	1.24007	1.24007	0.000341645	9.85424	9.85424	0.00413618	4.59597	4.59597	0.0130141	3.3949	3.3949	9.04619	22.5431	2.21511	1
cg03075214	0.0187766	0.449805	-2.22319	0.000223425	0.178394	-5.60558	0.301588	0.740583	-1.35029	0.516786	0.831568	-1.20255	8.16778	10.1851	1.10843	1
cg01981334	0.889772	0.970728	-1.03015	0.94777	0.986063	-1.01413	0.481103	0.857764	-1.16582	0.0737197	0.652392	-1.53282	6.9211	5.03131	0.64618	1
cg21305021	0.125436	0.66931	-1.49408	0.387863	0.807128	-1.23896	0.633714	0.890277	-1.12325	0.125979	0.669757	-1.49308	4.25131	3.94659	0.825176	1
cg10925417	0.00179901	0.393117	-2.54377	0.732424	0.93038	-1.07483	0.161655	1.36923	1.36923	0.770164	1.06354	1.06354	3.65602	2.55998	0.622408	1
cg09202050	0.237435	1.14567	1.14567	0.00320521	1.5559	1.5559	0.236246	0.872521	-1.1461	0.0650672	0.796446	-1.25558	3.60883	0.690037	0.169963	1
cg13626866	0.496712	1.23669	1.23669	0.00120459	4.30558	4.30558	0.314784	1.37713	1.37713	0.241388	1.45866	1.45866	3.38836	5.08571	1.33417	1
cg25168700	0.000108125	5.2246	5.2246	1.85E-05	8.27707	8.27707	0.000131123	4.9942	4.9942	0.0149014	2.0657	2.0657	21.0743	19.5909	0.826321	1
cg24027931	0.00343381	5.25676	5.25676	0.000597929	9.13022	9.13022	0.00166585	6.53891	6.53891	0.0514628	2.52366	2.52366	7.82886	21.6147	2.45414	1
cg18383813	0.0143261	6.8112	6.8112	0.00144775	18.6211	18.6211	0.00710757	9.11027	9.11027	0.0341557	4.8093	4.8093	4.87846	31.1903	5.68308	1
cg25641997	0.050013	8.02179	8.02179	0.00397178	36.9066	36.9066	0.0126943	17.916	17.916	0.0392332	9.2316	9.2316	4.10911	56.4876	12.2195	1
cg09675196	0.0432889	17.8804	17.8804	0.0038049	126.69	126.69	0.00808144	67.2272	67.2272	0.0318248	22.672	22.672	4.03721	98.4002	21.6652	1
cg05098417	0.0470971	4.0671	4.0671	0.00310343	12.1595	12.1595	0.0121092	6.898	6.898	0.0258561	5.1222	5.1222	3.86598	23.3417	5.36687	1
cg21201830	0.0185622	1.64091	1.64091	0.00510029	1.90049	1.90049	0.0338973	1.53676	1.53676	0.162535	0.772075	-1.29521	19.3677	9.23286	0.423746	1
cg15579389	0.682028	1.11172	1.11172	0.0261612	1.97062	1.97062	0.784196	1.07313	1.07313	0.174405	0.689735	-1.44983	6.16119	6.45029	0.930598	1
cg09358071	0.669182	1.11885	1.11885	0.0538981	0.564511	-1.77144	0.883114	0.962291	-1.03919	0.16126	0.676444	-1.47832	4.44312	4.80387	0.96106	1
cg03494648	0.628027	0.860748	-1.16178	0.0138129	0.392733	-2.54626	0.0350421	2.12614	2.12614	0.0233156	0.434942	-2.29916	12.6424	18.8877	1.328	1
cg11525052	0.283829	0.835363	-1.19708	0.0740637	1.37935	1.37935	0.0677987	0.718553	-1.39169	0.00104224	0.456476	-2.19069	11.3871	4.70737	0.367461	1
cg00041575	0.00264584	0.610116	-1.63903	0.00350699	1.60062	1.60062	0.0120742	1.45031	1.45031	0.0363654	0.749012	-1.33509	10.783	2.40985	0.198654	1
cg09114153	0.805041	0.962965	-1.03846	0.337152	1.163	1.163	0.06752	0.731561	-1.36694	0.00878501	0.600956	-1.66401	10.5799	3.9019	0.327826	1
cg23929682	0.130359	1.61912	1.61912	0.0599578	1.87006	1.87006	0.649519	0.873767	-1.14447	0.0694069	0.549304	-1.82049	10.2524	14.1265	1.22477	1
cg05403469	0.0899056	0.690121	-1.44902	0.62172	1.10371	1.10371	0.115171	1.40473	1.40473	0.00275176	0.440562	-2.26983	9.53428	5.94419	0.554182	1
cg13186130	0.873808	0.95749	-1.0444	0.0489475	1.84866	1.84866	0.680492	1.11982	1.11982	0.0398736	0.52243	-1.91413	7.55578	8.93854	1.05156	1
cg15924868	0.010157	0.196146	-5.09824	0.0205148	0.245994	-4.06514	0.447747	0.677902	-1.47514	0.0170728	0.232023	-4.30991	7.44422	29.7628	3.55388	1
cg25961099	0.172423	1.2974	1.2974	0.862125	1.03165	1.03165	0.990747	1.00208	1.00208	0.0532817	0.674607	-1.48235	6.60197	3.36071	0.452486	1
cg13731761	0.116451	0.805768	-1.24105	0.0347655	1.36554	1.36554	0.44455	0.906039	-1.10371	0.197873	0.841724	-1.18804	5.96096	1.51315	0.225638	1
cg01211906	0.0681603	0.64154	-1.55875	0.00170677	0.377762	-2.64717	0.0459148	0.608205	-1.64418	0.0519751	0.618466	-1.6169	5.85751	4.38165	0.664924	1
cg05608541	0.0243408	2.16645	2.16645	0.557403	1.18641	1.18641	0.0796153	0.570952	-1.75146	0.0472738	0.520018	-1.92301	5.11406	6.72151	1.16828	1
cg08273740	0.429123	1.16337	1.16337	0.0321426	1.60079	1.60079	0.263253	1.24439	1.24439	0.144211	0.745212	-1.3419	4.52448	2.51835	0.494762	1
cg07489413	0.0910997	0.548084	-1.82454	0.0443509	0.474151	-2.10903	0.604941	0.844831	-1.18367	0.00891029	0.341215	-2.9307	4.48271	7.41211	1.46977	1
cg19766471	0.701125	1.0943	1.0943	0.0064358	2.28893	2.28893	0.225975	1.34595	1.34595	0.1055	0.661497	-1.51172	4.42141	3.82356	0.768694	1
cg01612681	0.499216	0.81467	-1.22749	0.954669	1.01713	1.01713	0.327648	0.739384	-1.35248	0.103723	0.587624	-1.70177	4.39929	6.22134	1.25704	1
cg22210337	0.992196	0.997037	-1.00297	0.895039	0.960744	-1.04086	0.165589	1.56622	1.56622	0.0187873	0.421576	-2.37205	4.25952	6.20985	1.29589	1
cg05509777	0.122288	0.560804	-1.78315	0.0577638	0.47665	-2.09797	0.511761	0.79467	-1.25838	0.0416712	0.444408	-2.25019	4.11284	7.76991	1.67928	1
cg21027517	0.131347	0.596002	-1.67785	0.737484	0.898636	-1.1128	0.389921	0.755856	-1.323	0.0349505	0.458047	-2.18318	3.86096	6.17214	1.42098	1
cg06101192	0.10484	1.28186	1.28186	6.26E-06	0.243116	-4.11327	0.911871	0.984609	-1.01563	0.901094	1.01757	1.01757	16.2768	5.05955	0.276306	1
cg05590361	0.617811	1.07274	1.07274	0.00622582	0.607897	-1.64502	0.52568	1.09391	1.09391	0.545228	0.918094	-1.08921	6.23545	1.924	0.274274	1
cg12879713	0.291858	0.818745	-1.22138	0.280556	0.814568	-1.22764	0.179372	1.29795	1.29795	0.348379	0.838169	-1.19308	5.7513	3.04559	0.47071	1
cg10718721	0.401799	1.0865	1.0865	5.52E-05	2.06571	2.06571	0.186005	0.873227	-1.14518	0.0125766	1.3499	1.3499	12.5097	1.8518	0.131582	1
cg10630129	0.601171	1.0484	1.0484	0.0323937	0.798939	-1.25166	0.00330428	1.43133	1.43133	0.971413	1.00322	1.00322	12.2722	1.56084	0.113053	1
cg01423368	0.0760194	1.15756	1.15756	0.19441	1.10709	1.10709	0.392032	0.937081	-1.06714	0.0161506	1.24371	1.24371	9.10576	0.792021	0.0773158	1
cg12820122	0.168379	0.786195	-1.27195	0.000264451	0.374558	-2.66981	0.0612524	0.707783	-1.41286	0.135509	1.30169	1.30169	7.84123	3.33528	0.37809	1
cg16922658	0.709907	0.887414	-1.12687	0.00480755	3.30691	3.30691	0.00399694	3.44421	3.44421	0.141623	1.65733	1.65733	5.66588	9.1697	1.43858	1
cg11197202	0.996955	1.00222	1.00222	0.0178739	5.32838	5.32838	0.283361	0.523179	-1.91139	0.0116584	6.24769	6.24769	4.28384	22.9192	4.7557	1
cg19873631	0.0387877	0.596254	-1.67714	0.00754626	0.475749	-2.10195	0.0139414	0.518752	-1.9277	0.0232188	0.556353	-1.79742	5.24398	3.87864	0.657455	1
cg21581267	0.863853	1.07704	1.07704	0.00849203	0.233925	-4.27487	0.632531	0.81194	-1.23162	0.295956	0.625842	-1.59785	4.24039	12.559	2.63269	1
cg21488132	0.0411815	0.321293	-3.11243	0.00430875	0.158865	-6.29466	0.016061	0.241647	-4.13826	0.082427	0.395625	-2.52765	4.21848	15.5225	3.27079	1
cg25909368	0.106164	1.34139	1.34139	0.000500291	2.47483	2.47483	0.93207	1.01429	1.01429	0.438018	0.876626	-1.14074	16.6138	7.29006	0.39004	1
cg00167836	0.0576028	0.485298	-2.06059	0.0155944	0.368429	-2.71423	0.129165	0.575736	-1.73691	0.0111293	0.342455	-2.92009	5.29623	9.51046	1.59618	1
cg27398535	0.13212	0.654835	-1.5271	0.884834	0.962947	-1.03848	0.653431	0.888926	-1.12495	0.159031	0.67562	-1.48012	3.79237	4.07627	0.955431	1
cg01743835	0.315784	0.904071	-1.10611	0.686401	0.961304	-1.04025	0.250256	0.889747	-1.12391	0.0435342	0.797977	-1.25317	26.1332	3.91281	0.13309	1
cg22876106	0.338866	0.85027	-1.1761	0.529331	1.11054	1.11054	0.153555	0.777704	-1.28584	0.00012452	0.332751	-3.00525	15.9174	6.82448	0.381105	1
cg00716245	0.0559515	0.660092	-1.51494	0.555088	0.891798	-1.12133	6.39E-06	6.89765	6.89765	0.0156273	1.76583	1.76583	15.696	9.14874	0.518109	1
cg18098722	0.354423	1.42833	1.42833	0.067126	2.15514	2.15514	0.00180084	0.189891	-5.26617	0.00190223	0.192786	-5.18711	9.73343	21.586	1.97131	1
cg16091292	0.101112	0.185309	-5.39638	0.00466612	0.0292409	-34.1987	0.0306885	0.0922177	-10.8439	0.0209386	0.0736278	-13.5818	4.86032	60.3221	12.4111	1
cg18169245	0.88361	0.958155	-1.04367	0.00191492	0.277401	-3.60488	0.202445	0.675238	-1.48096	0.245581	0.701598	-1.42532	4.45166	6.00366	1.19879	1
cg17957235	0.0321353	0.505509	-1.9782	0.784688	0.928266	-1.07728	0.290343	0.742105	-1.34752	0.143256	0.652106	-1.53349	3.61305	4.22733	1.04002	1
cg20376581	0.891058	1.02275	1.02275	9.26E-06	0.207521	-4.8188	0.00504913	0.544071	-1.838	0.00977028	0.584879	-1.70975	16.6839	7.12025	0.379355	1
cg01540165	0.173099	0.760893	-1.31424	0.000142103	0.290286	-3.44488	0.00176145	0.431735	-2.31623	0.00739767	0.521804	-1.91643	10.5953	5.96243	0.500216	1
cg13451637	0.228673	0.700564	-1.42742	0.0275881	0.480067	-2.08304	5.23E-05	0.118831	-8.41531	0.00224416	0.299657	-3.33715	16.7607	21.0623	1.11702	1
cg15845071	0.00428669	0.155676	-6.4236	0.483883	0.70724	-1.41395	0.000415805	0.0654637	-15.2756	0.00477913	0.161447	-6.19398	9.56045	35.8921	3.33709	1
cg12865405	0.664025	0.870909	-1.14823	0.865291	1.05517	1.05517	0.000735203	0.197455	-5.06446	0.0274337	0.438226	-2.28193	5.81053	9.20443	1.40808	1
cg07850246	0.0488225	0.410082	-2.43854	0.00697864	0.250929	-3.9852	0.057426	0.426791	-2.34307	0.0708656	0.449501	-2.22469	5.26383	13.0867	2.20991	1
cg16497714	0.0382372	0.16776	-5.96089	0.828666	0.851206	-1.1748	0.00435544	0.0589213	-16.9718	0.0124742	0.0991865	-10.082	5.011	43.8508	7.77859	1
cg23160136	0.486382	0.74587	-1.34072	0.407647	1.42068	1.42068	0.0848332	0.453818	-2.20353	0.0157794	0.293401	-3.4083	4.81438	13.1043	2.41947	1
cg06109939	0.0413872	0.766769	-1.30417	0.00039731	1.88985	1.88985	0.417001	0.910611	-1.09816	0.854373	0.979472	-1.02096	17.1626	3.46408	0.179412	1
cg03479289	0.0653652	0.722152	-1.38475	0.229628	1.21941	1.21941	0.903484	0.981091	-1.01927	0.00127629	0.477431	-2.09454	7.29692	2.86196	0.348635	1
cg12490907	0.00501954	2.72753	2.72753	0.00259811	3.08918	3.08918	0.0103727	2.39326	2.39326	0.478977	1.21477	1.21477	5.52985	6.3995	1.02868	1
cg07599644	0.267845	0.790348	-1.26526	0.183494	1.33331	1.33331	0.443871	0.85289	-1.17248	0.629891	1.10404	1.10404	4.22932	2.78334	0.584982	1
cg13075444	0.20146	0.722303	-1.38446	0.204837	1.38074	1.38074	0.118296	1.50524	1.50524	0.331599	1.27324	1.27324	4.02626	3.70839	0.818712	1
cg03179726	0.16214	0.727576	-1.37443	0.0905729	0.672113	-1.48785	0.960829	0.989589	-1.01052	0.0112747	0.508477	-1.96666	3.92514	2.82252	0.639189	1
cg14472551	0.118389	1.37248	1.37248	0.0305152	1.60765	1.60765	0.946818	1.01254	1.01254	0.154415	0.752242	-1.32936	3.55385	1.9632	0.491036	1
cg22937632	0.00208103	1.98878	1.98878	0.00431193	1.83215	1.83215	0.889217	0.97813	-1.02236	0.48147	1.12022	1.12022	4.44301	1.7714	0.354394	1
cg13162577	0.586804	1.11582	1.11582	0.183118	1.32591	1.32591	0.218403	1.29504	1.29504	0.000572581	0.344747	-2.90068	31.2169	19.7188	0.561485	1
cg09600152	0.989065	1.00373	1.00373	0.160489	1.50241	1.50241	0.360657	0.774795	-1.29066	0.641017	0.88029	-1.13599	15.6624	18.2873	1.03786	1
cg22230387	0.407521	0.856708	-1.16726	0.0574548	1.48029	1.48029	0.873895	0.971422	-1.02942	0.0156209	0.582099	-1.71792	8.89019	4.6918	0.469111	1
cg19310430	0.371043	0.730367	-1.36917	0.0531394	0.47159	-2.12048	0.0222014	0.391481	-2.5544	0.0769202	0.510231	-1.9599	10.1891	18.8841	1.64743	1
cg02789688	0.351411	0.862125	-1.15993	0.00606763	1.74077	1.74077	0.295715	0.845576	-1.18263	0.797077	0.960924	-1.04067	3.58139	1.35733	0.336885	1
cg27189784	0.841375	0.939465	-1.06444	0.000457495	0.179094	-5.58365	0.97754	1.00881	1.00881	0.0176734	0.40687	-2.45779	7.96244	12.2465	1.36714	1
cg24666013	0.0102824	0.509968	-1.96091	0.0136508	0.529816	-1.88745	0.924304	1.01999	1.01999	0.08578	0.673421	-1.48496	7.08412	4.86471	0.610405	1
cg10346511	0.043904	1.5844	1.5844	0.0156263	0.554862	-1.80225	0.00173603	2.42942	2.42942	0.147137	1.36228	1.36228	5.70928	3.57092	0.555964	1
cg19425083	0.0779991	1.2839	1.2839	0.777781	1.03676	1.03676	0.458473	0.90816	-1.10113	0.0957345	1.26302	1.26302	4.5297	1.16825	0.229252	1
cg06241208	0.625947	1.40757	1.40757	0.0347707	0.180408	-5.54301	0.0391508	0.189916	-5.26549	0.150165	0.341814	-2.92557	3.75621	28.8121	6.81825	1
cg17678115	0.869028	1.04583	1.04583	0.0282314	2.02083	2.02083	0.260636	1.37519	1.37519	0.54859	1.17919	1.17919	3.60862	4.21427	1.03808	1
cg09906309	0.105426	0.625733	-1.59813	0.150049	0.664345	-1.50524	0.0196497	0.473784	-2.11067	0.372987	0.784745	-1.2743	3.44982	3.83788	0.988878	1
cg20224223	0.00385547	0.363651	-2.74989	0.686284	0.899885	-1.11125	0.383936	0.793001	-1.26103	0.895914	0.966568	-1.03459	3.39543	3.62943	0.950147	1
cg26197155	0.980155	0.993676	-1.00636	7.71E-06	12.2342	12.2342	0.000628308	0.261654	-3.82184	0.555353	1.16434	1.16434	17.3407	17.8671	0.915871	1
cg03573187	0.833185	0.963994	-1.03735	0.00194712	0.466785	-2.14232	0.0155299	0.596878	-1.67539	0.0406052	0.662936	-1.50844	4.69451	2.24761	0.425576	1
cg02375832	0.361549	0.693346	-1.44228	0.117481	0.514843	-1.94234	0.409942	1.38964	1.38964	0.0848156	0.475113	-2.10476	3.82833	9.24454	2.14646	1
cg09177194	0.533294	1.20993	1.20993	0.0156349	2.44754	2.44754	0.0293443	2.1709	2.1709	0.47787	1.2435	1.2435	3.75405	5.42306	1.28408	1
cg27305510	0.85283	0.957801	-1.04406	0.0308016	0.554957	-1.80194	0.136774	1.45084	1.45084	0.00673271	0.442306	-2.26088	4.28852	3.66117	0.758857	1
cg04433129	0.00628043	0.626622	-1.59586	0.35427	0.88239	-1.13329	0.0722797	1.30128	1.30128	0.0150666	0.675564	-1.48025	5.7819	1.5784	0.242657	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 17 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 27 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3 477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26738040	C11orf48;SNORA37;METTL12	0.0195449	0.168403	0.800203	-1.24938	0.06295	1.06295	0.152624	0.798639	-1.25213	0.981868	1.00334	1.00334	0.415509	0.685017	-1.12992		0.849433	1.02829	1.02829	0.000341943	0.428947	-2.33129	0.854744	1.02726	1.02726	0.387081	1.13897	4.73294	1.6147	0.303256	1
cg25578250	C10orf49	0.00759719	0.170404	1.23156	1.23156	0.000805846	2.0571	2.0571	0.081318	1.31739	1.31739	0.615806	1.07485	1.07485	0.00367077	0.571009	-1.75129		0.314113	0.861991	-1.16011	0.64655	1.06808	1.06808	0.146455	1.24903	1.24903	0.802599	0.964898	-1.03638	0.447294	2.07825	0.2865	1
cg18100564	C10orf49,C10orf49,C10orf49,C10orf49	2.73E-06	0.941285	1.01396	1.01396	0.0174394	0.580127	-1.72376	0.0464667	0.651117	-1.53582	0.000429223	0.350484	-2.8532	2.42E-06	0.116023	-8.61896		0.0254699	0.606804	-1.64798	9.68E-08	0.038165	-26.202	5.01E-06	0.141387	-7.07279	0.00189348	0.436793	-2.28941	56.7043	31.7886	0.498313	1
cg13381203	C10orf49,C10orf49,C10orf49,C10orf49	6.57E-05	0.653779	0.939882	-1.06396	1.06E-05	0.27495	-3.63702	0.224732	0.83935	-1.1914	0.004200728	0.464118	-2.15462	0.827973	0.705055	-1.03034		6.08E-05	0.361736	-2.76445	5.49E-05	0.356508	-2.80498	0.472147	1.10565	1.10565	0.00052013	0.475582	-2.10269	24.7621	7.39657	0.265515	1
cg18033092	C10orf49,C10orf49,C10orf49,C10orf49	0.000489456	0.000111547	0.246986	-4.04882	0.14886	0.727121	-1.37529	0.000615469	0.337767	-2.96062	0.00564764	0.473533	-2.11179	0.000751013	0.349139	-2.86419		0.697109	0.932647	-1.08384	0.00020367	0.277554	-3.6029	0.770395	0.941541	-1.06209	0.00312925	0.435366	-2.29692	14.3752	9.64541	0.596421	1
cg08941576	C10orf49,C10orf49,C10orf49,C10orf49	0.000544889	0.0849211	0.485404	-2.06014	0.018218	0.337064	-2.96679	0.00129827	0.169066	-5.91486	0.00565301	0.252179	-3.96543	0.000109499	0.0754395	-13.2556		0.00259887	0.205372	-4.86921	0.000197359	0.0931613	-10.7341	0.000591868	0.133621	-7.48383	0.00432568	0.235279	-4.25027	13.9533	31.8076	2.02629	1
cg24347903	C10orf49,C10orf49,C10orf49,C10orf49	0.0011337	?	?	?	0.00249901	0.214252	-4.66741	0.0099645	0.303118	-3.29904	0.000264546	0.111067	-9.00359	?	?	?		0.0232455	0.369769	-2.70439	?	?	?	0.00279267	0.220599	-4.5331	0.00720061	0.280212	-3.56872	12.40112	17.6134	1.89373	1
cg27274603	C10orf49,C10orf49,C10orf49,C10orf49	0.00214081	0.284443	1.24073	1.24073	0.679982	0.922692	-1.08379	0.240706	0.787993	-1.26905	0.110047	1.40197	1.40197	0.87432	1.03118	1.03118		0.129156	1.37448	1.37448	0.000111448	0.267637	-3.73641	0.705091	1.07654	1.07654	0.00279675	0.223375	2.22375	0.45236	5.6334	0.529758	1
cg26198807	C10orf49,C10orf49,C10orf49,C10orf49	0.00275044	0.03062	0.494263	-2.02321	0.1048	0.611517	-1.63528	0.0113771	0.415211	-2.40842	0.0682276	0.567521	-1.76205	0.000329681	0.200137	-4.99657		0.00542266	0.362317	-2.76001	0.000800661	0.245568	-4.0722	0.00338485	0.331043	-3.02076	0.00137333	0.497328	-2.01075	8.78123	10.7405	1.08358	1
cg07104919	C10orf49,C10orf49,C10orf49,C10orf49	0.00791718	?	?	?	?	?	0.055469	0.336344	-2.97315	0.640092	0.789468	-1.26668	?	?	?	?		0.597903	1.30628	1.30628	?	?	?	0.00291938	0.128376	-7.78964	0.00348225	0.136652	-7.31785	7.16301	15.8821	3.54758	1
cg21892409	C10orf49,C10orf49,C10orf49,C10orf49	0.014944	0.80319	1.03191	1.03191	0.0033606	1.65191	1.65191	0.000525833	1.97325	1.97325	0.400696	1.11429	1.11429	0.0837709	1.2722	1.2722		0.45321	1.1009	1.1009	0.217602	1.17724	1.17724	0.150315	1.21406	1.21406	0.148428	1.21532	1.21532	5.18711	1.30018	0.222804	1
cg23072973	C10orf49,C10orf49,C10orf49,C10orf49	0.0150011	0.428333	1.15058	1.15058	0.415636	1.15526	1.15526	0.16769	1.29058	1.29058	0.6622082	1.43932	1.43932	0.00121685	0.439857	-2.27347		0.187531	0.784826	-1.27417	0.377606	0.854665	-1.17005	0.202392	1.26297	1.26297	0.0515643	0.680861	-1.46873	5.18057	2.46897	0.42363	1
cg23331603	C10orf49,C10orf49,C10orf49,C10orf49	0.0168324	0.00367786	0.333405	-2.99935	0.0039518	0.338104	-2.95767	0.113144	0.617362	-1.61979	0.641072	1.14035	1.14035	0.012503	0.419298	-2.38494		0.289589	0.735294	-1.36	0.974491	0.991095	-1.00898	0.202889	1.45648	1.45648	0.386098	0.779937	-1.28216	4.98597	6.17911	1.1016	1
cg07438103	C10orf49,C10orf49,C10orf49,C10orf49	0.0365984	0.803125	1.07552	1.07552	0.0228742	3.46583	3.46583	0.0401933	1.99566	1.99566	0.0287554	2.12076	2.12076	0.00765	0.895288	-1.11696		0.76628	1.09077	1.09077	0.463482	1.24297	1.24297	0.88983	0.960408	-1.04122	0.0320619	0.207918	2.07918	0.184096	5.11954	1.19599	1
cg03019460	C11orf51	0.00691888	0.000279154	0.484997	-2.06187	0.107286	0.807357	-1.23861	0.912504	1.01347	1.01347	0.003444747	0.616619	-1.62175	0.61712	0.940487	-1.06328		0.541682	0.927555	-1.0781	0.575666	1.07126	1.07126	0.0671405	0.778976	-1.28374	0.3627334	1.12061	1.12061	6.6392	1.55817	0.208616	1
cg11049123	C11orf51	0.00186048	0.0116609	0.680791	-1.46902	0.187914	1.17792	1.17792	0.651948	1.05473	1.05473	0.183423	1.11058	1.11058	0.0425939	0.869438	-1.15021		0.0347159	1.13489	1.13489	0.00193075	0.597525	-1.67353	0.318298	0.885995	-1.12867	0.0292785	1.35169	1.35169	6.18505	1.34899	0.193871	1
cg26138937	C11orf51	0.0111302	0.413889	1.46925	1.46925	0.138183	2.08609	2.08609	0.377014	1.15825	1.15825	0.240191	1.56735	1.56735	0.0241701	0.810256	-1.23412		0.00245776	0.134647	-6.9615	0.41681	0.68233	-1.46557	0.632783	1.34264	1.34264	5.71082	1.91907	2.98703	1
cg06680201	C11orf51	0.0190037	0.429643	0.850746	-1.17544	0.0114542	0.530292	-1.88575	0.18698	1.3237	1.3237	0.394076	1.19127	1.19127	0.28613	0.800841	-1.24869		0.683566	0.921121	-1.08563	0.000812685	0.363366	-2.75205	0.835651	0.959205	-1.04253	0.922491	1.0197	1.0197	4.78675	3.04742	0.5659	1
cg19053142	C11orf52	0.00182697	0.422822	1.1149	1.1149	0.765482	1.08404	1.08404	-1.0226	0.0156461	0.804546	-2.66933	0.00200111	0.541231	-1.84826	0.0070787	0.42926	-2.32945	0.701057	1.13419	1.13419	0.0019375	0.597525	-1.67353	0.318298	0.885995	-1.12867	0.0292785	1.35169	1.35169	6.18505	1.34899	0.193871	1
cg12247500	C11orf52	0.0149434	0.174006	0.56735	-1.76258	0.920497	1.0199	1.0199	0.99956	0.999784	-1.00022	0.238846	0.616655	-1.62165	0.00038914	0.10705	-9.34147		0.178152	0.570812	-1.75189	0.00742366	0.258869	-3.86296	0.739349	0.877343	-1.1398	0.460538	0.744948	-1.34238	5.18717	12.6175	2.16216	1
cg05607244	C11orf52,C11orf52	0.00899037	0.043928	0.58152	-1.71983	0.0381283	1.38562	1.38562	0.0541912	1.34299	1.34299	0.482152	1.30813	1.30813	0.0885328	0.764448	-1.30806	-0.0382	0.0991617	0.822044	-1.21648	0.0424955	1.43563	1.43563	0.0404745	0.772614	-1.37625	0.687752	0.94693	1.05604	5.34222	1.5452	0.256423	1
cg08919594	C11orf53	0.0366295	0.722374	0.905372	-1.10452	0.0195612	0.453914	-2.20306	0.507057	0.828975	-1.20631	0.783408	1.07981	1.07981	0.0130111	0.423717	-2.36007		0.174273	0.668495	-1.4959	0.00415021	0.342738	-2.91768	0.0180871	0.511745	-1.9541	0.196077	0.683211	-1.46368	3.80378	4.67798	1.09318	1
cg20091777	C11orf53	0.00381505	0.430843	1.14729	1.14729	0.0353008	0.544053	-1.83806	0.188067	0.793121	-1.26084	0.186529	0.792415	-1.26193	0.0655117	0.928653	-1.07755		0.454609	0.881142	-1.1349	0.0880979	1.74493	1.74493	0.0615847	0.881589	1.01588	0.8602211	0.970136	-1.02972	0.324771	6.8368	0.388665	1
cg19964761	C11orf53,C11orf53	0.000122838	0.0109572	0.350509	-2.85299	0.00141004	0.219172	-4.56263	0.00403361	0.28131	-3.55479	0.00049224	0.166604	-6.00226	8.41E-06	0.041314	-24.2048		0.0349878	0.446292	-2.24069	0.000231203	0.13438	-7.44158	0.296639	1.42665	1.42665	0.00031626	0.147195	-6.79373	0.95132	0.95783	1.51801	1
cg18070839	C11orf54	0.00134657	0.6014648	1.04879	1.04879	0.00429079	0.633722	-1.57798	0.000225132	2.08092	2.08092	0.0537289	1.29898	1.29898	0.2439805	0.864476	-1.15677		0.965878	1.00512	1.00512	0.00213804	1.67386	1.67386	0.0731992	0.787726	-1.26948	0.1703444	0.839975	-1.19051	10.8095	2.44156	0.200775	1
cg13528726	C11orf54	0.00245166	0.753534	1.09608	1.09608	0.0897707	0.568423	-1.7857	0.0300077	0.808062	-1.23742	0.0156077	0.808062	-1.23742	0.0156077	0.808062	-1.23742		0.0439111	1.11052	1.11052	0.35081	1.34	1.34	0.339533	1.18591	1.18591	0.442155	1.14539	1.14539	0.0184007	4.83676	0.4124401	1
cg17065810	C11orf54	0.0449048	0.128096	1.15825	1.15825	0.333794	0.914818	-1.09311	0.0231386	0.784653	-1.27445	0.937057	0.992971	-1.00708	0.580208	0.953132	-1.05116		0.204418	0.887274	-1.12705	0.0102261	1.53528	1.53528	0.31671	1.09685	1.09685	0.1581	1.14427	1.14427	5.12832	0.4457051	0.112286	1
cg24261808	C11orf54,TAF1D	0.00419135	0.134381	0.677701	-1.47545	0.0345341	1.34345	1.34345	0.0855507	1.36362	1.36362	0.0396224	1.37912	1.37912	0.0429563	0.800736	-1.24944		0.0027974	0.708623	-1.41118	0.0448912	1.58169	1.58169	0.0178911	1.17011	1.17011	0.0993945	1.02001	1.02001	0.902119	0.979791	1.02093	0.7252	1.7252	0.0891	1.25	1.265	6.75411	5.78079	0.760793	1
cg01988480	C11orf54,TAF1D	0.00654746	0.0168792	0.507822	-1.96922	0.689274	0.910798	-1.09794	0.178749	1.39387	1.39387	0.88989	0.968311	-1.03273	0.000212577	0.237266	-4.21468		0.123544	1.47372	1.47372	0.909681	0.973964	-1.02673	0.726967	1.0849	1.0849	0.327308	1.265	1.265	6.75411	5.78079	0.760793	1
cg06996609	C11orf54,TAF1D	0.0071874	0.57627	1.0774	1.0774	0.79379	0.966335	-1.03484	0.939238	1.00312	1.00312	0.451327	0.909611	-1.10667	0.0498057	1.34371	1.34371		0.000340084	0.466812	-2.14219	0.210782	1.19018	1.19018	0.0171225	1.46768	1.46768	0.477253	1.10012	1.10012	6.5608	1.81166	0.245439	1
cg06762969	C11orf54,TAF1D	0.01008835	0.0307718	0.658088	-1.51955	0.0447769	0.683898	-1.46221	0.00932957	1.72266	1.72266	0.0497475	0.691323	-1.4465	0.0702011	0.716174	-1.39631		0.0148635	0.610095	-1.63909	0.0625716	1.4129	1.4129	0.126032	0.763076	-1.31393	0.549864	1.10493	1.10493	5.89841	1.53963	0.38295	1
cg03761846	C11orf54,TAF1D,C11orf54	0.00229426	0.176009	0.623502	-1.60384	0.417004	0.762851	-1.31087	0.114641	1.76017	1.76017	?	?	?	0.974104	0.989497	-1.01061		0.182149	0.628235	-1.59176	0.00147932	4.8798	4.8798	0.000533019	0.151284	-6.61008	0.00982583	0.332055	-3.01155	11.2233	16.3639	1.27578	1
cg03353388	C11orf54,TAF1D,C11orf54	0.0110197	0.394961	0.833414	-1.20015	0.189414	1.32994	1.32994	0.0953873	1.33194	1.33194	0.0110914	0.448172	-2.85339	-1.17181	0.915531	0.897554	-1.11413	0.559781	1.12858	1.12858	0.0401547	1.59393	1.59393	0.0615593	0.263577	-3.79396	0.0418125	1.43982	1.43982	5.98743	1.10016	0.183486	1
cg16331890	C11orf54,TAF1D,TAF1D	0.016716	0.0581002	0.434158	-2.30331	0.61458	1.21871	1.21871	0.585762	1.23909	1.23909	0.718415	0.868441	-1.15149	0.64161	0.833099	-1.20034		0.422519	1.37595	1.37595	0.000317597	0.103153	-9.69438	0.647291	1.19656	1.19656	0.485067	0.758529	-1.31834	4.99754	12.0111	2.13636	1
cg05006304	C11orf57,C11orf57,C11orf57	0.0723109	0.0243224	0.619362	-2.52907	0.193119	0.59008	-1.69469	0.0800938	0.439695	-2.39672	0.214155	0.607332	-1.64554	0.0140404	0.514454	-1.94385		0.0124213	0.0103322	0.156709	-6.38124	0.733888	0.878082	-1.13895	0.0309653	0.380673	-2.62692	4.94669	1.39627	2.04568	1
cg15492750	C11orf57,C11orf57,C11orf57	0.0339093	0.128433	0.4404	-2.2707	0.00468601	0.433985	-2.30423	0.0129016	0.503836	-1.98477	0.40553	0.827803	-1.20802	0.23194	0.756993	-1.32102		0.0232218	0.546774	-1.82891	0.568668	0.87991	-1.13648	0.920606	0.978104	-1.02239	0.777238	0.938955	-1.06501	3.9116	3.05501	0.694233	1
cg00895099	C11orf57,C11orf57;PHI1D2,C11orf57,C11orf57,PHI1D2,C11orf57,C11orf57,PHI1D2,C11orf57,C11orf57;PHI1D2,C11orf57,C11orf57,PHI1D2,C11orf57;PHI1D2,C11orf57,C11orf57,PHI1D2,C11orf57;R	0.00194281	0.0967679	0.810737	-1.23345	0.0834529	2.46172	1.24672	1.3808	0.901713	-1.109	0.407057	0.907005	-1.10253	0.0092496	1.4626	1.4626		0.729426	0.960826	-1.04077	0.000310118	0.509927	-1.96106	0.00286002	0.62356	-1.6037	0.0411734	3.11142	3.11142	0.793629	2.03977	0.186466	1
cg04988845	C11orf57,C11orf57,PHI1D2,C11orf57,C11orf57;PHI1D2,C11orf57,C11orf57,PHI1D2,C11orf57;R	0.0136678	0.416386	0.853214	-1.17204	0.850643	0.964615	-1.03668	0.792667	1.05163	1.05163	0.755172	0.94197	-1.0616	0.284694	1.23663	1.23663		0.146362	0.742317	-1.34713	0.000249197	0.314957	-3.17504	0.046083	0.646077	-1.5478	0.678329	0.923385	-1.08297	5.34184	3.09014	0.514203	1
cg03512096	H1D2	0.00782527	0.772736	0.918754	-1.08843	0.00835588	0.372998	-2.68098	0.0828851	1.75408	1.75408	0.0140078	0.411539	-2.42991	0.233148	0.693622	-1.44171		0.518889	0.825834	-1.2109	0.0169535	2.34474	2.34474	0.0498241	1.92454	1.92454	0.0150905	2.39623	2.39623	6.38835	8.66399	1.20553	1
cg12488558	1orf57	0.00514855	0.00372933	0.12652	-7.9039	0.260594	0.538317	-1.85764	0.0212934	0.232039	-4.30962	0.00413376	0.288798	-3.46263	0.00461128	0.136719	-7.31428		0.0381766	0.281359	-3.55418	0.000464893	0.0547058	-18.2796	0.0476644	0.302598	-3.30471	0.00628387	0.157626	-6.54622	7.27324	32.0896	3.92179	1
cg22992827	C11orf58,C11orf58	7.35E-05	0.0046259	0.3771	-2.65073	0.00142256	0.197105	-5.07575	0.00142256	0.1691	1.0691	0.000156792	0.211894	1.0691	0.000156792	0.211894	1.0691		0.000468661	1.58022	1.58022	0.0001	0.0002	0.0002	0.0001	0.000268	0.00173494	1.45371	1.45371	24.0946	2.62668	0.0087344	1
cg20474675	C11orf58,C11orf58	0.00200821	0.00885091	0.541818	-1.84564	0.0020814	0.450736	-2.21869	0.870111	1.03055	1.03055	0.212572	1.2731	1.2731	0.00195816	0.447025	-2.23701		0.0323994	0.630866	-1.58512	0.00993114	0.540392	-1.8202	0.000304881	0.33994	-2.94169	0.385122	0.848946	-1.17793	9.63039	5.15894	0.476172	1
cg05405872	C11orf58,C11orf58	0.00591335	0.0553602	0.584103	-1.71203	0.00717249	0.423417	-2.36174	0.826211	1.05595	1.05595	0.193513	1.40582	1.40582	0.0021827	0.37002	-2.70256		0.0386928	0.552802	-1.80897	0.00492117	0.397598	-2.51511	0.00251761	0.353949	-2.82526	0.899656	0.969251	-1.03172	0.674038	6.76622	0.262854	1
cg05532310	C11orf58,C11orf58	0.00805186	0.128153	0.664155	-1.50539	0.00641585	0.324114	-3.08403	0.333333	1.04539	1.04539	0.777582	1.07692	1.07692	0.0793355	0.747101	-1.33849		0.0991612	0.714554	-1.39941	0.0210322	1.32555	1.32555	0.0320661	1.13855	1.13855	0.424968	0.807402	1.23556	0.31126	6.8601	0.993667	1
cg10633981	C11orf58,C11orf58	0.00998862	0.0163956	0.334894	-2.98602	0.0030261	0.162887	-6.13923	0.03353	0.396087	-2.5247	0.254647	0.64175	-1.55824	0.0114382	0.307217	-3.25503		0.135046	0.548371	-1.82358	0.00380191	0.233238	-4.28747	0.0576068	0.449013	-2.22711	0.02239	0.36046	-2.77424	5.91277	13.0233	1.95784	1
cg10047635	C11orf58,C11orf58	0.0101915	0.0020232	0.237112	-4.21693	0.00224935	0.160103	-5.91357	0.0224935	0.160138	1.00138	0.0026202	0.647424	-1.4983	0.0048845	0.305293	-3.27554		0.0197101	0.310211	-3.22361	0.0144101	0.285418	-3.5288	0.0201311	0.156411	-6.40922	0.156265	0.532443	-1.87813	5.68439	2.44131	0.429531	1
cg16565832	C11orf58,C11orf58	0.0409087	0.104611	1.63146	1.63146	0.673134	0.889154	-1.12421	0.6121	1.15154	1.15154	0.65729	1.13112	1.13112	0.315132	1.33191	1.33191		0.516309	1.1993	1.1993	0.0131547	0.275259	-3.63294	0.42776	1.79978	1.79978	-1.25034	0.7972524	1.07359	1.07359	3.65275	4.40489	1.07192	1
cg20856413	C11orf58,C11orf58,C11orf58,C11orf58	0.0142878	0.0114504	0.611086	-1.63643	0.173567	1.2528	1.2528	0.124035	1.29598	1.29598	0.357589	0.863061	-1.15867	0.211091	0.814568	-1.22765		0.00439091	0.553172	-1.80776	0.00616348	0.573413	-1.74394	0.534668	0.906758	-1.10283	0.112868	0.764431	-1.30816	5.26452	2.02026	0.341112	1
cg02556987	C11orf58,C11orf58,C11orf58,C11orf58	0.0299447	0.302569	0.578114	-1.72976	0.0050576	6.69938	6.69938	0.011887	1.50825	0.50825	0.782903	0.867859	-1.15226	0.126129	2.33766	2.33766		0.225879	0.520716	-1.92043	0.0919706	2.59052	2.59052	0.21027	1.9688	1.9688	0.0955188	2.55906	2.55906	4.08951	17.0527	3.70655	1
cg00692531	C11orf60,C11orf60	0.000685075	?	?	?	2.98E-05	0.0276229	-36.2018	0.413582	1.32412	1.32412	?	?	?	0.0927324	0.528057	-1.89374		?	?	?	0.0282182	0.39883	-2.50733	0.0246757	0.385896	-2.59137	0.178525	0.614515	-1.6273	22.9263	25.5984	1.11655	1
cg26954138	C11orf60,C11orf60	0.00226528	0.000616441	0.0646915	-15.458	0.0156821	0.280919	-3.55975	0.0295664	0.264329	-3.78316	0.099237	0.28967	-3.45231	0.0027719	0.117298	-8.52529		0.0212407	0.237127	-4.2136	0.000574779	0.0627949	-15.9249	0.00126473	0.0868414	-11.5152	0.0211366	0.236945	-4.22039	9.29735	39.7195	3.79745	1
cg17129755	C11orf60,C11orf60	0.00684867	?	?	?	0.0050217	2.36924	2.36424	?	?	?	?	?	?	0.0927324	0.528057	-1.89374		0.274001	0.637909	1.56762	?	?	?	0.0264653	0.5709	1.75216	0.0384753	1.85703	13	15.5345	1.19486	0.076923	1
cg20874052	C11orf60,C11orf60	0.00710538	0.00408009	0.117782	-8.49024	0.38018	0.60681	-1.64796	0.0377622	0.262618	-3.80781	0.0615534	0.310794	-3.21756	0.00286582	0.102636	-9.74318		0.0122362	0.176935	-5.6518	0.00195223	0.0879833	-11.3658	0.00728122	0.146495	-6.82618	0.0277608	0.236099	-4.23551	6.58436	32.1125	4.33519	1
cg20962746	C11orf60,C11orf60	0.00718126	0.375631	0.804005	-1.24378	0.107497	0.28433	-3.51843	0.992357	1.00138	1.00138	0.260520247	0.759137	-1.31756	-1.60956	0.064464	0.583633	-17.3141	0.492371	1.1043	1.1043	0.0004705	0.177785	0.6537012	-1.52975	0.731925	-1.36626	0.0117975	0.680013	-1.56514	6.60201	1.08404	0.285689	1
cg15939915	C11orf60,C11orf60,C11orf60,C11orf60	0.00118007	1.60E-05	0.395127	-2.53083	0.627719	1.0523	1.0523	0.350637	1.10541	1.10541	0.607972	1.05546	1.05546	0.144706	0.849234	-1.17753		0.807136	0.974808	-1.02584	0.0554084	0.797311	-1.25422	0.977995	1.00288	1.00288	0.149793	1.17479	1.17479	11.2253	1.93481	0.15321	1
cg24584993	C11orf60,C11orf60,C11orf60,C11orf60	0.00162179	0.000806456	1.84482	1.84482	0.0188995	1.41061	1.41061	0.0926514	0.799203	-1.25125	0.228333	1.1655	1.1655	0.00176287	0.582938	-1.71545		0.252208	1.1559	1.1559	0.673254	0.949923	-1.05272	0.764831	1.03701	1.03701	0.00311095	1.76228	1.76228	10.2463	2.38101	0.206557	1
cg24355174	C11orf60,C11orf60,C11orf60,C11orf60	0.0371224	0.0058152	0.398512	-2.50933	0.370273	1.26409	1.26409	0.159798	1.46607	1.46607	0.112749	1.55227	1.55227	0.0426195	0.551812	-1.81221		0.448155	1.21761	1.21761	0.087398	0.618377	-1.61714	0.363805	0.788433	-1.26834	0.628054	0.883074	-1.13241	3.7853	3.88935	0.913324	1
cg10260050	C11orf60,TMEM25,TMEM25,C11orf60	5.45E-06	0.483275	0.851465	-1.17445	5.67E-05	0.184975	-5.40614	0.000654817	0.307666	-3.25027	1.31E-05	0.127059	-7.87038	1.19E-06	0.05867	-17.0445		0.136994	0.696619	-1.43551	1.85E-06	0.0688645	-14.5213	0.532522	1.15336	1.15336	2.80E-05	0.155554	-6.42863	47.4738	38.2666	0.717057	1
cg25979460	C11orf60,TMEM25,TMEM25,C11orf60	0.00107979	0.53129	1.10241	1.10241	0.332942	1.16597	1.16597	0.00544634	0.569981	-1.75444	0.00446948	1.79126	1.79126	6.36E-05	0.322647	-3.09936		0.899827	1.01955	1.01955	0.153087	0.790389	-1.2652	0.0532064	0.713414	-1.40171	0.0688809	0.731244	-1.36753	11.5128	4.30994	0.332764	1
cg20447773	C11orf61	0.00091487	0.172343	1.14367	1.14367	0.845625	1.01818	1.01818	0.0205858	0.772777	-1.29403	0.94655	1.00622	1.00622	0.0035286	1.44133	1.44133		0.09914	0.846139	-1.18184	0.257

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg27310234	C11orf74;RAG2	0.00225884	0.0792162
cg20137312	C11orf74;RAG2	0.0138696	0.458852
cg11631775	C11orf74;RAG2	0.0182725	0.0839731
cg20731798	C11orf74;RAG2	0.0370375	0.0144807
cg23324787	C11orf74;RAG2;RAG2	0.000330553	0.116399
cg07275207	C11orf75	0.000390958	0.00540965
cg02202022	C11orf75	0.000891222	0.59817
cg09325293	C11orf75	0.00225953	0.0172127
cg24680082	C11orf75	0.00420108	0.00214979
cg21138277	C11orf75	0.00550973	0.00494244
cg25221653	C11orf75	0.00603767	0.0818886
cg12895631	C11orf75	0.0127774	0.0014689
cg06832246	C11orf75	0.0178202	0.185727
cg15456144	C11orf75	0.0269672	0.00305673
cg06549238	C11orf75	0.0315385	0.0260203
cg19738411	C11orf75	0.0363295	0.583463
cg24458846	C11orf80	0.00021237	0.00377525
cg09763120	C11orf80	0.000462114	0.592767
cg03094226	C11orf80	0.00133052	0.510458
cg14698297	C11orf80	0.001799	0.284876
cg09608008	C11orf80	0.00418964	0.153848
cg04049542	C11orf80	0.0193274	0.0274751
ch.11.1353882F	C11orf80	0.0261563	0.15281
cg25106500	C11orf80	0.0306851	0.0061861
cg23471848	C11orf82	9.38E-05	0.79417
cg15746198	C11orf82	0.0041691	0.0565977
cg06702499	C11orf82	0.0113459	0.00688554
cg02125600	C11orf82;PRCP;C11orf82;PRCP	0.000877377	0.0225253
cg24536410	C11orf82;PRCP;PRCP	0.00784488	?
cg17999820	C11orf83;C11orf48	0.000405597	0.32354
cg04836154	C11orf83;C11orf48	0.000435209	0.538577
cg21161651	C11orf83;C11orf48	0.00694388	0.226777
cg23462726	C11orf83;C11orf48	0.0190945	0.0169339
cg10606415	C11orf83;C11orf48	0.0222046	0.296507
cg21630651	C11orf83;C11orf48;C11orf48	0.00252167	0.540134
cg19671399	C11orf83;C11orf48;C11orf48	0.0349864	0.46572
cg23979269	C11orf83;C11orf48;C11orf48	0.0452599	0.817783
cg25388301	C11orf83;C11orf48;C11orf83;C11orf48	0.000366721	0.00616766
cg04057706	C11orf84	0.000578418	0.00100662
cg04362095	C11orf84	0.000959466	0.602117
cg02435734	C11orf84	0.0032869	0.166399
cg02525232	C11orf84	0.0112838	0.00252317
cg15668587	C11orf84;C11orf84	0.00364444	0.831372
cg15946268	C11orf85	8.03E-05	0.000589498
cg16345720	C11orf85	0.000437514	0.00304357
cg25518276	C11orf85	0.0173754	0.0900911
cg15400868	C11orf85	0.0231625	0.6371
cg10588362	C11orf85	0.03385	0.0565109
cg26133196	C11orf85;C11orf85	0.000230173	0.276818
cg05974629	C11orf86	0.0220103	0.0221571
cg27471124	C11orf87	0.000495841	0.957326
cg15948088	C11orf87	0.0018497	0.456907
cg16359550	C11orf87	0.00187833	0.849954
cg04861929	C11orf87	0.00332147	0.522068
cg07142201	C11orf87	0.00616184	0.845484
cg11473876	C11orf87	0.0109202	0.0611816
cg26431519	C11orf87	0.0289007	0.956731
cg06719900	C11orf87;C11orf87	0.000251657	0.940273
cg25782847	C11orf88;C11orf88	1.10E-05	0.0520983
cg08533783	C11orf88;C11orf88	0.0140371	0.0110399
cg07188648	C11orf88;C11orf88	0.0183048	0.00827675
cg20176971	C11orf88;C11orf88	0.0299066	0.0777663
cg05216730	C11orf88;C11orf88	0.0302318	0.000909969
cg11620409	C11orf9	0.001883	0.000535261
cg03631331	C11orf9	0.025837	0.256987
cg08514419	C11orf90	4.91E-05	0.000271763
cg17347335	C11orf90	0.0045966	0.00995915
cg09189538	C11orf90	0.00591646	0.0359557
cg20583684	C11orf91	0.00492105	?
cg23397440	C11orf91	0.0109952	0.114654
cg22252026	C11orf92	0.0239327	0.571608
cg15299978	C11orf93	2.86E-05	0.0468854
cg05817996	C11orf93	0.00260168	0.000968069
cg05309179	C11orf93	0.0427505	0.0647491
cg24285858	C11orf93;C11orf92	0.00011782	0.250555
cg05216221	C11orf93;C11orf92	0.00470152	0.342077
cg09538401	C11orf93;C11orf92	0.0166023	0.106396
cg22792449	C11orf93;C11orf92	0.0459546	0.452124
cg20322876	C11orf93;C11orf93;C11orf92	0.000870321	0.0838762
cg04250489	C11orf95	0.00027077	0.411004
cg16120927	C11orf95	0.00392702	0.777246
cg13464885	C11orf95	0.00416456	0.594603
cg01698632	C11orf95	0.00761295	0.93759
cg27475923	C11orf95	0.0119311	0.0074676
cg14177934	C11orf95	0.023668	0.045413
cg17247314	C11orf95	0.0278507	0.0768679
cg14256968	C11orf95	0.0403797	0.258409
cg16678159	C11orf95	0.0436344	0.0367959
cg21935113	C11orf95	0.04787	0.0160179
cg19617373	C11orf9;C11orf9	0.000866605	0.425169
cg02111951	C11orf9;C11orf9	0.00208933	0.125598
cg04074454	C11orf9;C11orf9	0.0083003	0.219886
cg07136108	C11orf9;C11orf9	0.0114521	0.022273
cg24731731	C11orf9;C11orf9	0.0159222	0.0414937
cg07486017	C11orf9;C11orf9;DKFZP434K028	0.0496503	0.019008
cg08104032	C12orf10	0.00053415	8.49E-05
cg20591337	C12orf10	0.0345495	0.0174554
cg03592103	C12orf10;C12orf10	0.00851133	0.00194237
cg21226442	C12orf11	0.0351829	0.0896096
cg08814698	C12orf11;FGFR1OP2	0.0106072	0.435585
cg18044622	C12orf12	0.00035629	0.000165868
cg14793056	C12orf12	0.00124613	0.553474
cg19478779	C12orf12	0.00334035	0.0398228
cg10967280	C12orf12	0.00347692	0.520468
cg16765886	C12orf12	0.00606762	0.0167871
cg18164297	C12orf12	0.0182146	0.279858
cg23856280	C12orf12	0.0450285	0.763619
cg11768416	C12orf12;C12orf12	0.0262938	0.610447
cg06250904	C12orf23	0.000809758	0.000669412
cg19127884	C12orf23	0.0039356	0.0349811
cg08817693	C12orf23	0.0101107	0.00404555
cg04404603	C12orf23	0.0170175	0.172202
cg01302902	C12orf23	0.0235894	?
cg04686545	C12orf23	0.0291775	0.0749315
cg24726503	C12orf26	0.0298152	0.323039
cg23329190	C12orf26;CCDC59;CCDC59	0.000122369	0.360999
cg24759070	C12orf26;CCDC59;CCDC59	0.000492988	0.747613
cg02494152	C12orf26;CCDC59;CCDC59	0.033334	0.272472
cg09219005	C12orf26;CCDC59;CCDC59;C12orf26	0.0118719	0.311212
cg07422560	C12orf26;CCDC59;CCDC59;C12orf26	0.0163294	0.232659
cg04347522	C12orf27	0.0232396	0.267418
cg01309052	C12orf29	0.00410695	0.011907
cg02981078	C12orf29	0.00449417	0.923161
cg08743634	C12orf29	0.00635899	0.0700753
cg11557823	C12orf29	0.0068562	0.0358747
cg25199108	C12orf29	0.0194437	0.170003
cg08300481	C12orf32;C12orf32;C12orf32	0.0373167	0.341441
cg22156267	C12orf34	0.00149019	0.872675
cg15785868	C12orf34	0.0043163	0.828099
cg11190248	C12orf34	0.00857418	0.583249
cg11931667	C12orf34	0.0238508	0.933388
cg08546419	C12orf34	0.0369411	0.922883
cg09011608	C12orf34	0.0459219	0.539296
cg17110559	C12orf35	0.000159087	0.178543
cg01871722	C12orf35	0.00114672	0.000396872
cg17560472	C12orf35	0.00142133	0.851375
cg26865201	C12orf35	0.00761776	0.00740367
cg07369363	C12orf35	0.0120301	0.0335768
cg13417256	C12orf35	0.0126508	0.0537759
cg20731015	C12orf35	0.0449585	0.388361
cg17281556	C12orf35	0.0468133	0.0250002

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10616672	C12orf35;C12orf35	0.0171962	0.100785	0.774823	-1.29062	0.0481138	0.725693	-1.37799	0.432312	1.12047	1.12047	0.998827	1.00021	1.00021	0.710606	1.05432	1.05432
cg06787397	C12orf36	7.00E-05	0.102715	0.780963	-1.28047	0.101652	1.28164	1.28164	0.00216743	0.551057	-1.81469	0.359341	0.877654	-1.1394	0.00233019	0.555084	-1.80153
cg10207745	C12orf36	0.00490774	0.570254	0.873965	-1.14421	0.014232	2.0341	2.0341	0.006127	0.431756	-2.31613	0.506339	0.85357	-1.17155	0.000566276	0.28528	-3.50533
cg19719478	C12orf36	0.0145382	0.0425856	0.538864	-1.85576	0.0428978	1.85353	1.85353	0.941662	0.980805	-1.01957	0.152471	0.666392	-1.50062	0.00246308	0.327863	-3.05006
cg24957964	C12orf39	0.000464167	0.960994	0.993145	-1.0069	0.260568	0.847854	-1.17945	0.0238047	0.684253	-1.46145	0.883519	0.979591	-1.02083	4.18E-05	0.333818	-2.99564
cg02393721	C12orf39	0.0044737	0.0758202	0.725253	-1.37883	0.0134288	1.64483	1.64483	0.957628	0.9914	-1.00867	0.272884	0.830679	-1.20383	0.000419611	0.402912	-2.48193
cg05161082	C12orf39	0.0208302	0.698565	0.967208	-1.0339	0.0496966	0.825454	-1.21145	0.779111	1.02438	1.02438	0.318571	1.09234	1.09234	0.751892	1.02755	1.02755
cg10625575	C12orf4	0.0222754	0.0288611	0.320035	-3.12466	0.0434029	0.358076	-2.7927	0.0538075	0.379836	-2.63272	0.173761	0.527387	-1.89614	0.00201731	0.145748	-6.86117
cg11691038	C12orf40	0.00139502	0.141414	1.21346	1.21346	0.308533	0.879019	-1.13763	0.266629	0.867964	-1.15212	0.386096	0.896993	-1.11484	0.659157	1.05581	1.05581
cg22941086	C12orf40	0.00244205	0.039642	2.12799	2.12799	0.0127273	2.67137	2.67137	0.244636	1.47156	1.47156	0.737835	1.11252	1.11252	0.0865376	0.548295	-1.82384
cg09778919	C12orf40	0.0161345	0.830905	1.03014	1.03014	0.0188987	0.673821	-1.48407	0.360638	1.13939	1.13939	0.597976	0.928774	-1.07669	0.00514663	0.598663	-1.67039
cg14986222	C12orf40;C12orf40	0.00180946	0.000600841	0.617221	-1.62016	0.000612277	1.61789	1.61789	0.330321	0.912492	-1.0959	0.493122	0.938519	-1.06551	0.834981	0.981163	-1.0192
cg00584861	C12orf41	9.08E-06	0.248951	0.823772	-1.21393	0.872755	0.974545	-1.02612	0.310911	0.844795	-1.18372	0.00846479	0.582297	-1.71734	7.33E-08	0.0553801	-18.057
cg10705967	C12orf41	0.000651543	0.000142703	0.46381	-2.15606	0.889778	1.01638	1.01638	0.189387	0.849701	-1.17688	0.0406284	1.3191	1.3191	0.000146707	0.465233	-2.14946
cg03686952	C12orf41	0.010723	0.168271	0.755325	-1.32393	0.575182	0.897434	-1.11429	0.00342149	2.1385	2.1385	0.930645	1.01678	1.01678	0.539333	1.12611	1.12611
cg14507346	C12orf41	0.0192277	0.0377779	0.774765	-1.29071	0.503451	1.07457	1.07457	0.25745	0.882334	-1.13336	0.421021	1.09098	1.09098	0.0050821	0.675503	-1.48038
cg12707727	C12orf41	0.0388964	0.952443	1.00497	1.00497	0.944304	0.994208	-1.00583	0.0257096	1.25406	1.25406	0.987315	1.00132	1.00132	0.663483	1.03711	1.03711
cg19733514	C12orf41	0.0406664	0.252907	1.23341	1.23341	0.0297886	0.638119	-1.56711	0.0457231	0.668718	-1.4954	0.729084	1.06298	1.06298	0.930405	0.984772	-1.01546
cg00418479	C12orf41;SNORA2B	0.00765131	0.685895	0.938699	-1.0653	0.00507067	0.56188	-1.77974	0.00145605	0.488976	-2.04509	0.127177	0.773631	-1.29261	0.269599	0.836212	-1.19587
cg19952067	C12orf41;SNORA2B	0.0246017	0.073039	0.550905	-1.8152	0.745593	1.10195	1.10195	0.0378005	0.487588	-2.05091	0.23725	0.691273	-1.44661	0.00364768	0.309561	-3.23038
cg10096177	C12orf42;C12orf42	0.000180767	0.00428812	0.467461	-2.13921	0.360387	0.829293	-1.20585	0.247728	1.27197	1.27197	0.55048	1.12778	1.12778	1.20E-05	0.158473	-6.31021
cg14380586	C12orf42;C12orf42	0.000568702	0.828628	0.981751	-1.01859	0.000127969	0.567817	-1.76113	0.00023377	0.595444	-1.67942	0.501891	1.05961	1.05961	0.0089018	0.753691	-1.3268
cg02776750	C12orf42;C12orf42	0.00157982	0.120947	0.780285	-1.28158	0.0324223	0.691107	-1.44695	0.756563	1.04694	1.04694	0.0516679	0.72128	-1.38642	3.68E-05	0.309901	-3.22684
cg16775198	C12orf42;C12orf42	0.00653546	0.772711	1.04434	1.04434	0.0808545	0.748279	-1.3364	0.00123017	0.492645	-2.02986	0.628336	0.929538	-1.0758	0.000932656	0.477068	-2.09614
cg17063780	C12orf42;C12orf42	0.0102859	0.00531347	0.381367	-2.62215	0.00164374	0.306384	-3.26387	0.0876417	0.609699	-1.64015	0.156436	0.671769	-1.48861	0.00297335	0.343083	-2.91475
cg06824277	C12orf42;C12orf42	0.0280296	0.0479418	0.503121	-1.98759	0.0128287	0.391058	-2.55716	0.103573	0.582281	-1.71738	0.0739677	0.546076	-1.83125	0.0129015	0.391491	-2.55433
cg08027643	C12orf42;C12orf42	0.0303231	0.536367	0.861739	-1.16044	0.215226	1.36346	1.36346	0.0282843	0.540408	-1.85045	0.805114	1.06051	1.06051	0.00484772	0.411549	-2.42984
cg25935014	C12orf42;C12orf42	0.0328936	0.00757888	0.675478	-1.48043	0.284443	1.13543	1.13543	0.673651	0.952767	-1.04957	0.873369	0.981946	-1.01839	0.787199	0.969565	-1.03139
cg06664258	C12orf42;C12orf42	0.0347721	0.0350107	1.3	1.3	0.0722422	1.23895	1.23895	0.101554	1.21101	1.21101	0.765009	1.03253	1.03253	0.569539	0.940457	-1.06331
cg21837669	C12orf42;C12orf42	0.0376969	0.0936222	0.859155	-1.16393	0.01102	0.769094	-1.30023	0.530556	0.949039	-1.0537	0.414068	0.933569	-1.07116	0.993107	1.00071	1.00071
cg02619087	C12orf42;C12orf42	0.0392622	0.0632117	0.559431	-1.78753	0.115019	0.621015	-1.61027	0.860971	0.952435	-1.04994	0.110175	0.616315	-1.62255	0.0248452	0.475942	-2.1011
cg03882242	C12orf42;C12orf42	0.0439042	0.687164	1.04715	1.04715	0.149049	0.838539	-1.19255	0.600378	0.94162	-1.062	0.432234	1.0955	1.0955	0.426425	0.911724	-1.09682
cg00259618	C12orf42;C12orf42;C12orf42	0.0405271	0.112813	0.732531	-1.36513	0.406634	1.16542	1.16542	0.65244	1.08519	1.08519	0.234115	0.798576	-1.25223	0.0785011	0.702984	-1.42251
cg19395441	C12orf43	0.00464348	0.00354914	0.447473	-2.23477	0.0156101	0.546988	-1.82819	0.00198915	0.411251	-2.43161	0.0971213	0.69037	-1.4485	0.0219743	0.571658	-1.7493
cg15155738	C12orf43	0.00792745	0.444731	1.36192	1.36192	0.571361	1.25458	1.25458	0.00106511	0.146921	-6.80638	0.00218894	0.182055	-5.49283	0.100975	2.03841	2.03841
cg19788934	C12orf43	0.00821101	0.021886	0.339333	-2.94695	0.000726138	0.132725	-7.53438	0.0692108	0.449862	-2.2229	0.0687979	0.449204	-2.22616	0.00478644	0.229618	-4.35505
cg21590238	C12orf43	0.0175653	0.0239744	0.215694	-4.63621	0.00537171	0.123953	-8.06758	0.0317388	0.238373	-4.19511	0.156377	0.421667	-2.37154	0.0124266	0.170002	-5.88229
cg02403541	C12orf43;C12orf43	0.0457432	0.0244255	2.04289	2.04289	0.871194	0.958826	-1.04294	0.147752	1.50194	1.50194	0.00939541	2.42653	2.42653	0.200041	1.42432	1.42432
cg09989134	C12orf44;C12orf44	0.000645285	0.0242382	1.17513	1.17513	0.00198441	0.769192	-1.30006	0.143524	0.909893	-1.09903	0.00118875	1.33044	1.33044	0.0123439	1.20582	1.20582
cg26479305	C12orf44;C12orf44	0.000977352	0.913799	0.986572	-1.01361	0.0140515	0.684849	-1.46018	0.0194436	0.702767	-1.42295	1.98E-05	0.339785	-2.94303	0.482309	1.09325	1.09325
cg00456348	C12orf44;C12orf44	0.00121377	0.00107305	0.235214	-4.25145	0.00650592	1.79564	1.79564	0.00116833	4.00239	4.00239	?	?	?	?	?	?
cg22851485	C12orf45	7.65E-05	0.000157368	0.27104	-3.6895	0.000186856	0.27991	-3.57257	0.0160433	0.551514	-1.81319	0.00212488	0.418173	-2.39136	0.000176255	0.27688	-3.61167
cg16874634	C12orf45	0.00273023	7.05E-05	0.179383	-5.57466	0.0791978	1.58689	1.58689	0.089657	1.55793	1.55793	0.197802	1.38064	1.38064	0.836544	1.05017	1.05017
cg13381646	C12orf45	0.0364365	0.0104806	0.625772	-1.59803	0.436718	0.890965	-1.12238	0.0132624	1.56299	1.56299	0.0402826	0.708395	-1.41164	0.0877045	0.760126	-1.31557
cg23180625	C12orf45	0.037936	0.00600137	0.552245	-1.81079	0.305076	1.19198	1.19198	0.402272	1.15228	1.15228	0.100168	0.742409	-1.34697	0.680309	1.07091	1.07091
cg19585003	C12orf47;MAPKAPK5;MAPKAPK5	0.000604546	0.522926	1.14392	1.14392	0.125069	0.708359	-1.41171	0.740225	1.07154	1.07154	0.925994	0.980891	-1.01948	0.686889	0.91929	-1.0878
cg06253352	C12orf47;MAPKAPK5;MAPKAPK5	0.00789223	0.984291	1.00802	1.00802	0.11456	0.498399	-2.00642	0.120774	0.50525	-1.97922	0.414236	1.40304	1.40304	0.315317	0.656212	-1.5239
cg05727959	C12orf48	0.00902363	0.0682374	0.827763	-1.20808	0.00562724	1.39999	1.39999	0.0801523	1.19689	1.19689	0.975888	0.997206	-1.0028	0.531793	0.943049	-1.06039
cg08502080	C12orf48	0.0334003	0.727051	1.06106	1.06106	0.123862	1.32559	1.32559	0.00114729	0.445559	-2.24437	0.318447	1.19053	1.19053	0.517701	0.895004	-1.11731
cg19668010	C12orf48	0.0413596	0.0134549	0.218025	-4.58664	0.021711	0.253689	-3.94183	0.061619	0.350659	-2.85177	0.232046	0.535851	-1.86619	0.0355683	0.295854	-3.38004
cg20599651	C12orf48;C12orf48	0.0316972	0.2228	0.638274	-1.56672	0.963119	0.983925	-1.01634	0.891628	1.04894	1.04894	0.675763	0.862928	-1.15884	0.00251636	0.229824	-4.35115
cg02806658	C12orf48;NUP37	0.00112181	0.0834131	0.786392	-1.27163	0.00012668	2.30838	2.30838	0.0727777	0.77803	-1.2853	0.819749	0.971786	-1.02903	0.00149301	1.77577	1.77577
cg23099157	C12orf48;NUP37	0.00122001	0.273554	1.11333	1.11333	0.00084196	0.623056	-1.60499	0.00402741	0.69488	-1.4391	0.284393	0.900525	-1.11046	0.481951	1.06966	1.06966
cg01628140	C12orf48;PMCH	0.00315553	0.470948	1.1409	1.1409	0.000272727	0.342283	-2.92156	0.0754607	0.700682	-1.42718	0.549359	1.11503	1.11503	0.000477347	0.373232	-2.6793
cg04844692	C12orf49	0.0367568	0.0250189	0.293656	-3.40535	0.353296	0.644744	-1.551	0.989317	1.00617	1.00617	0.34268	1.56715	1.56715	0.00421014	0.171817	-5.82015
cg25765569	C12orf49;RNFT2;RNFT2	6.18E-05	0.00273469	0.701044	-1.42644	0.927545	1.00784	1.00784	0.00891775	1.33074	1.33074	0.175735	1.13161	1.13161	0.00140457	0.672182	-1.48769
cg25283577	C12orf49;RNFT2;RNFT2	0.00612865	0.0564981	0.456648	-2.18987	0.842033	0.931412	-1.07364	0.710075	1.14229	1.14229	0.992682	1.00327	1.00327	0.772192	1.10892	1.10892
cg00615735	C12orf49;RNFT2;RNFT2	0.0264001	0.916321	1.01443	1.01443	0.0331694	1.40416	1.40416	0.0191906	1.47143	1.47143	0.759156	1.04281	1.04281	0.0274887	1.42678	1.42678
cg14994737	C12orf49;RNFT2;RNFT2	0.0276954	0.538251	1.07406	1.07406	0.33363	0.891955	-1.12113	0.594992	1.06345	1.06345	0.524725	1.07671	1.07671	0.0136826	0.704969	-1.4185
cg23352185	C12orf4;RAD51AP1;C12orf4;RAD51AP1	0.0163856	0.00152372	0.29736	-3.36293	0.0515337	0.585506	-1.70792	0.181013	0.716025	-1.3966	0.101363	1.53239	1.53239	0.728131	0.922726	-1.08375
cg06638748	C12orf4;RAD51AP1;RAD51AP1	0.000584339	0.00200902	0.754678	-1.32507	0.0574995	0.870476	-1.1488	0.238443	0.923367	-1.08299	0.00509312	0.787382	-1.27003	0.314916	0.935101	-1.0694
cg09270951	C12orf4;RAD51AP1;RAD51AP1	0.00453314	0.00745119	0.426935	-2.34228	0.00879225	2.27981	2.27981	0.0768206	1.62587	1.62587	0.0344385	0.543748	-1.83909	0.00190242	0.337383	-2.96399
cg00419228	C12orf5	0.00173412	0.00849319	0.587946	-1.70084	0.0315402	1.48983	1.48983	0.178452	1.25361	1.25361	0.0340984	0.676393	-1.47843	0.000687546	0.440645	-2.2694
cg05535924	C12orf5	0.00379717	0.0389654	0.844194	-1.18456	0.436738	1.05784	1.05784	0.0116255	1.25049	1.25049	0.0988332	0.879629	-1.13684	0.301138	0.926885	-1.07888
cg25560268	C12orf5	0.00548652	0.0158975	0.56152	-1.78088	0.000498542	0.344906	-2.89934	0.0252036	0.594414	-1.68233	0.0307782	0.609111	-1.64174	0.00822738	0.516544	-1.93594
cg23355637	C12orf5	0.0170086	0.578564	1.14824	1.14824	0.403621	1.23434	1.23434	0.245454	0.741363	-1.34887	0.391831	1.24125	1.24125	0.000403635	0.250167	-3.99733
cg08620636	C12orf5	0.0288772	0.245111	0.842183	-1.18739	0.876525	1.02221	1.02221	0.90393	0.983087	-1.0172	0.0665843	1.33723	1.33723	0.570721	1.08431	1.08431
cg17824939	C12orf50	0.000233053	0.326896	1.30677	1.30677	1.44E-05	0.0920088	-10.8685	0.00110804	0.280651	-3.56315	0.0423905	0.53905	-1.85512	0.00228092	0.323725	-3.08904
cg23234179	C12orf50	0.00208553	0.01657	0.345509	-2.89428	0.00806651	0.291652	-3.42874	0.00195081	0.203787	-4.90709	0.00561535	0.267084	-3.74415	0.000634654	0.14871	-6.7245
cg21131402	C12orf50	0.0348815	0.00673854	0.473836	-2.11044	0.0514935	0.624185	-1.60209	0.0336976	0.590175	-1.69441	0.0511094	0.623568	-1.60367	0.0261735	0.570702	-1.75223
cg19214184	C12orf51	1.26E-05	0.000750901	0.530382	-1.88543	8.57E-05	2.39895	2.39895	0.0946439	1.25592	1.25592	0.170853	1.19827	1.19827	0.00457574	0.626071	-1.59726
cg15843793	C12orf51	0.00177967	0.205849	1.20511	1.20511	0.0135028	1.53338	1.53338	0.0542078	1.35725	1.35725	0.00898862	1.59112	1.59112	0.000618557	0.478704	-2.08897
cg25311656	C12orf51	0.00854565	0.313932	0.881186	-1.13483	0.0737903	0.785016	-1.27386	0.0028116	1.64857	1.64857	0.36901	1.11857	1.11857	0.0132691	1.45168	1.45168
cg03720950	C12orf51	0.00924471	0.0035654	0.252737	-3.95669	0.161448	1.68356	1.68356	0.0190907	0.372245	-2.6864	0.956755	0.981287	-1.01907	0.00365866	0.254331	-3.93188
cg11550381	C12orf51	0.0131096	0.302982	0.869368	-1.15026	0.202794	0.838277	-1.19292	0.0697666	1.30483	1.30483	0.875305	0.979607	-1.02082	0.607548	0.934293	-1.07033
cg04606265	C12orf51	0.0239116	0.565636	0.846045	-1.18197	0.453742	0.802757	-1.24571	0.751569	1.09574	1.09574	0.785645	1.08164	1.08164	0.00116953	0.253662	-3.94226
cg17334719	C12orf51	0.0309274	0.791665	1.08238	1.08238	0.0273921	2.18228	2.18228	0.42221	1.27782	1.27782	0.706834	0.893162	-1.11962	0.00649031	0.347141	-2.88067
cg02513392	C12orf51	0.036011	0.00931332	1.47901	1.47901	0.0273814	1.36294	1.36294	0.71157	1.04505	1.04505	0.097952	0.806229	-1.24034	0.483872	1.08808	1.08808
cg02416656	C12orf51	0.0396693	0.421702	0.736437	-1.35789	0.712573	1.14789	1.14789	0.887532	0.948621	-1.05416	0.163682	1.74025	1.74025	0.017228	0.339037	-2.94953
cg05582340	C12orf52	0.00257023	0.529919	0.856979	-1.16689	0.00918608	2.23068	2.23068	0.00331445	2.63822	2.63822	0.0145758	2.07454	2.07454	0.00747892	0.433773	-2.30535
cg19496587	C12orf53	0.00222452	0.08273	0.712164	-1.40417	0.397888	1.16522	1.16522	0.00585321	1.8914	1.8914	0.214636	1.25958	1.25958	0.749895	1.05813	1.05813
cg08464674	C12orf53	0.00465506	0.00389519	0.157788	-6.33762	0.0185938	3.87937	3.87937	0.312026	1.64357	1.64357	0.842117	0.909602	-1.09938	0.0514777	0.348795	-2.86701
cg12376068	C12orf53	0.0165307	0.994119	0.999151	-1.00085	0.000851381	0.561353	-1.78141	0.608426	1.06133	1.06133	0.168751	0.84458	-1.18402	0.0214221	0.72732	-1.37491
cg16280700	C12orf53	0.0217488	0.0611886	0.60786	-1.64512	0.572292	1.14413	1.14413	0.674024	1.10498	1.10498	0.232934	1.34332	1.34332	?	?	?
cg19642920	C12orf53	0.022973	0.718592	1.04355	1.04355	0.11096	0.81498	-1.22702	0.0921761	0.80381	-1.24407	0.456694	1.09342	1.09342	0.00563666	0.651782	-1.53425
cg00921819	C12orf53	0.0398207	0.424561	0.632635	-1.58069	0.91054	0.938846	-1.06514	0.0391034	0.261696	-3.82123	0.839479	1.12061	1.12061	0.0296111	0.237446	-4.21148
cg23738734	C12orf53;C12orf53	0.0146725	0.395122	0.872682	-1.14589	0.0756876	1.36228	1.36228	0.109436	1.31378	1.31378	0.515345	0.901994	-1.10865	0.0593987	0.716942	-1.39481
cg16023065	C12orf54	2.09E-06	3.44E-05	0.265725	-3.76329	0.00437468	0.532927	-1.87643	1.16E-05	0.215002	-4.65112	2.12E-06	0.145794	-6.85901	0.000148315	0.340167	-2.93973
cg09843829	C12orf54	2.14E-05	1.68E-05	0.196037	-5.10109	5.45E-05	0.250128	-3.99795	2.37E-05	0.211163	-4.73568	4.68E-05	0.242796	-4.11868	7.64E-06	0.163354	-6.12167
cg26543311	C12orf54	0.0160982	0.0247624	0.108595	-9.20857	0.014593	0.0822208	-12.1624	0.0313013	0.122655	-8.15298	0.137341	0.264696	-3.77792	0.00193271	0.0261396	-38.2562
cg12133004	C12orf54	0.0333183	0.00905183	0.0680112	-14.7035	0.208176	0.341218	-2.93068	0.0790762	0.205999	-4.8544	0.525968	1.68321	1.68321	0.092132	0.222627	-4.49182
cg10505355	C12orf54	0.033672	0.00565063	0.0651731	-15.3438	0.01066	0.0894426	-11.1804	0.0313546	0.149738	-6.67831	0.255765	0.409794	-2.44025	0.0716435	0.220362	-4.53799
cg19642433	C12orf56;C12orf56	1.03E-06	0.290456	0.861603	-1.16063	1.04E-05	0.277741	-3.60048	9.38E-06	0.272948	-3.66371	0.517712	1.09313	1.09313	0.0255131	0.697417	-1.43386
cg10431365	C12orf56;C12orf56	0.000252326	0.0043668	0.768915	-1.30053	0.00166989	1.36379	1.36379	0.275161	0.924637	-1.08151	0.0422911	0.850927	-1.17519	0.242766	0.919096	-1.08803
cg26252641	C12orf56;C12orf56	0.000920242	0.00258066	0.187157	-5.3431	0.000104983	0.0639759	-15.6309	0.0153016	0.302872	-3.30173	0.541414	1.28145	1.28145	0.0592436	0.425561	-2.34984
cg14643892	C12orf56;C12orf56	0.0268337	0.0316975	7.7948	7.7948	0.957448	1.04447	1.04447	0.43649	0.523478	-1.9103	0.506692	1.73205	1.73205	0.965169	0.965021	-1.03625
cg15935096	C12orf56;C12orf56	0.0297733	0.11679	0.70228	-1.42393	0.80422	0.949789	-1.05286	0.598784	0.895725	-1.11641	0.242329	0.775849	-1.28891	0.000747043	0.346024	-2.88997
cg03132202	C12orf56;C12orf56	0.0402676	0.160376	0.808584	-1.23673	0.948955	1.00911	1.00911	0.0733665	0.753623	-1.32692	0.32461	0.865789	-1.15502	0.0155601	0.656839	-1.52244
cg24406754	C12orf56;C12orf56	0.0481774	0.179398	0.318861	-3.13616	0.031007	0.131403	-7.6102	0.421922	0.518143	-1.92997	0.174228	3.18501	3.18501	0.0557529	0.176022	-5.68111
cg08099141	C12orf57	4.66E-06	?	?	?	1.85E-06	3.30671	3.30671	0.000180779	1.2955	1.2955	?	?	?	1.90E-05	0.576962	-1.73322
cg08078216	C12orf57	0.00156689	0.0105248	0.685591	-1.4586	0.141869	0.830931	-1.20347	0.311032	1.13079	1.13079	0.920902	0.98842	-1.01172	0.264278	0.872446	-1.1462
cg14546261	C12orf57	0.0159507	0.0398588	0.759303	-1.317	0.00389599	1.56899	1.56899	0.118572	1.21698	1.21698	0.347747	0.894002	-1.11857	0.0419541	0.76211	-1.31215
cg16302275	C12orf57	0.0414677	0.293366	0.804389	-1.24318	0.0254084	0.588285	-1.69986	0.0951159	0.693344	-1.44229	0.0724312	0.670111	-1.49229	0.756492	0.939773	-1.06409
cg21931212	C12orf57;C12orf57	0.00272599	0.000340083	0.405005	-2.46911	0.342171	1.16563	1.16563	0.0548751	1.4063	1.4063	0.0112293	0.608068	-1.64455	0.0680146	0.726107	-1.37721
cg26467753	C12orf59	5.12E-06	0.00234343	0.51515	-1.94118	0.000765042	2.21702	2.21702	0.000676525	0.444145	-2.25152	0.000184912	0.372908	-2.68162	1.10E-07	0.0693402	-14.4217
cg08747670	C12orf59	4.37E-05	0.000380629	2.73826	2.73826	7.03E-06	5.83784	5.83784	0.0666976	0.694232	-1.44044	0.940399	1.01336	1.01336	0.00157791	0.446861	-2.23783
cg03077730	C12orf59	0.00312825	0.924022	0.989299	-1.01082	0.00916709	0.688509	-1.45241	0.000760659	0.562441	-1.77797	0.429612	0.913074	-1.0952	0.258947	0.875605	-1.14207
cg16719299	C12orf59	0.00465819	0.0084659	0.4555	-2.19539	0.0182207	0.511433	-1.95529	0.0117608	0.478964	-2.08784	0.0678935	1.61345	1.61345	0.000349992	0.260693	-3.83593
cg06252333	C12orf60	0.00350951	0.0150145	0.493031	-2.02827	0.454227	1.19761	1.19761	0.222825	0.738586	-1.35394	0.00336545	0.389246	-2.56907	0.00268163	0.374692	-2.66886
cg24095583	C12orf60	0.00717437	0.023293	0.448073	-2.23178	0.0286015	0.465474	-2.14835	0.0596648	0.532971	-1.87628	0.739343	0.90586	-1.10392	0.000903761	0.229867	-4.35033
cg02307482	C12orf60;WBP11	0.000220566	0.0542576	0.756384	-1.32208	0.690709	0.951082	-1.05143	0.00234511	0.570004	-1.75437	0.0820166	1.27807	1.27807	0.000129274	0.400294	-2.49817
cg15702800	C12orf60;WBP11	0.000689188	0.722334	1.14698	1.14698	0.0502078	2.3586	2.3586	0.03665	2.5427	2.5427	0.321287	0.674456	-1.48268	0.0105402	0.290311	-3.44458
cg07883622	C12orf61	0.0101973	0.00198688	0.0924951	-10.8114	0.368601	0.604477	-1.65432	0.2263	1.99881	1.99881	0.311419	0.565034	-1.7698	0.00398076	0.121187	-8.25171
cg20711383	C12orf61;C12orf61	0.018765	0.0111119	0.212302	-4.71028	0.609926	0.778427	-1.28464	0.117317	0.436875	-2.28899	0.657296	0.804641	-1.24279	0.000635419	0.0777375	-12.8638
cg19484886	C12orf61;MIRLET7I	0.000680723	0.143833	0.912656	-1.0957	0.000683418	1.3525	1.3525	0.00153465	1.30384	1.30384	0.0604487	1.13113	1.13113	0.468035	0.957938	-1.04391
cg19566663	C12orf62	0.00763506	0.654103	1.07095	1.07095	0.659388	0.934806	-1.06974	0.733155	0.949316	-1.05339	0.0194541	0.650931	-1.53626	0.0899721	0.752728	-1.3285
cg04241835	C12orf62	0.0297434	0.245514	1.17002	1.17002	0.00135888	1.82424	1.82424	0.101053	1.26129	1.26129	0.180067	1.20206	1.20206	0.595658	1.07169	1.07169
cg12375960	C12orf62	0.0433049	0.381054	1.27287	1.27287	0.0553972	0.558156	-1.79161	0.479423	0.82442	-1.21297	0.862876	0.954638	-1.04752	0.810815	0.937631	-1.06652
cg20393962	C12orf63	3.95E-07	0.00111139	1.52475	1.52475	0.318272	1.0948	1.0948	1.13E-06	0.329583	-3.03413	0.400459	0.927215	-1.0785	1.03E-06	0.325207	-3.07497
cg19016782	C12orf65;C12orf65	0.00360071	0.155705	0.679335	-1.47203	0.452529	0.822999	-1.21507	0.0394292	1.83393	1.83393	0.00972181	0.434962	-2.29905	0.024099	0.504247	-1.98316
cg24097247	C12orf65;C12orf65	0.0224995	?	?	?	0.885507	1.08217	1.08217	0.930048	0.95302	-1.0493	0.145108	2.35741	2.35741	0.054706	3.30137	3.30137
cg10687642	C12orf65;C12orf65	0.0364392	0.0679593	1.58527	1.58527	0.971534	1.00807	1.00807	0.0635318	0.624873	-1.60033	0.0266384	0.55316	-1.8078	0.946515	0.984993	-1.01524
cg19367466	C12orf65;C12orf65	0.0380383	0.00515666	0.691148	-1.44687	0.885639	0.98571	-1.0145	0.845942	1.01965	1.01965	0.106258	0.838267	-1.19294	0.0926192	0.831033	-1.20332
cg11202094	C12orf65;C12orf65;C12orf65	0.000847228	?	?	?	0.394204	0.803282	-1.24489	0.0520596	1.81572	1.81572	0.106856	0.630341	-1.58644	0.657269	0.895123	-1.11716
cg08894685	C12orf65;C12orf65;C12orf65	0.0180819	0.668683	1.03261	1.03261	0.0400848	1.19345	1.19345	0.0309034	1.20794	1.20794	0.0443966	1.18781	1.18781	0.833672	1.0158	1.0158
cg05978833	C12orf65;C12orf65;C12orf65	0.0385731	0.0253034	0.591212	-1.69144	0.916637	1.02091	1.02091	0.0240713	1.70194	1.70194	0.0403733	1.59677	1.59677	0.792499	0.949228	-1.05349
cg23258897	C12orf66	0.0322453	0.148566	1.19685	1.19685	0.0118082	1.43996	1.43996	0.187705	1.17575	1.17575	0.0322451	1.33753	1.33753	0.0246718	1.36375	1.36375
cg08253970	C12orf66	0.0493151	0.272976	0.844056	-1.18475	0.184462	1.23267	1.23267	0.0769349	1.33947	1.33947	0.279083	0.846011	-1.18202	0.00543313	1.72215	1.72215
cg00730260	C12orf67	0.00157922	0.878044	0.986801	-1.01338	0.00269604	1.43155	1.43155	0.102126	1.16743	1.16743	0.84227	1.01739	1.01739	0.000528683	1.59537	1.59537
cg23850361	C12orf67	0.00965247	0.179478	1.21153	1.21153	0.00061183	0.491488	-2.03464	0.430131	1.11447	1.11447	0.147199	1.23285	1.23285	0.360686	1.1348	1.1348
cg10244128	C12orf67	0.0249784	0.828871	1.06733	1.06733	0.0254192	0.449483	-2.22478	0.466632	0.800119	-1.24981	0.33691	0.742272	-1.34721	0.761253	0.912348	-1.09607
cg03272292	C12orf68	0.000113802	0.00603292	1.25096	1.25096	0.17515	1.09418	1.09418	3.90E-06	1.95606	1.95606	0.238777	1.08005	1.08005	0.00039277	1.42268	1.42268
cg10380200	C12orf68	0.000971939	0.279687	1.20809	1.20809	0.528118	0.898062	-1.11351	7.43E-05	0.298006	-3.35564	0.70215	1.06677	1.06677	0.123351	1.32414	1.32414
cg17527422	C12orf68;C12orf68	0.0230755	0.1267	0.660411	-1.51421	0.540306	0.855821	-1.16847	0.0250568	1.9531	1.9531	0.155966	1.46406	1.46406	0.482793	0.835989	-1.19619
cg21899283	C12orf69;C12orf60	0.00033752	0.855518	1.02068	1.02068	0.000430087	0.534913	-1.86946	0.000337533	0.522603	-1.9135	0.552027	0.934662	-1.06991	0.00648144	1.48803	1.48803
cg14470729	C12orf69;C12orf60	0.0100178	0.799674	1.12751	1.12751	0.00773552	0.198981	-5.0256	0.147974	0.480719	-2.08022	0.0442288	0.335965	-2.9765	0.74576	0.857669	-1.16595
cg15476885	C12orf69;C12orf60	0.0257216	0.094948	0.687944	-1.45361	0.172672	1.34424	1.34424	0.0644945	0.654851	-1.52707	0.0456359	0.626786	-1.59544	0.0024603	0.423789	-2.35966
cg10141381	C12orf70	0.00201884	0.778381	1.04457	1.04457	0.0395314	0.692146	-1.44478	0.00401971	0.550314	-1.81714	0.0927792	0.751388	-1.33087	0.000884163	2.15985	2.15985
cg23111487	C12orf70	0.00298136	0.925867	1.02099	1.02099	0.000112889	0.220049	-4.54445	0.0067885	0.457022	-2.18808	0.597408	0.88784	-1.12633	0.614994	0.892976	-1.11985
cg04428616	C12orf70	0.0212948	0.423086	0.843064	-1.18615	0.00130245	0.376444	-2.65644	0.0101292	0.508253	-1.96752	0.684709	0.918355	-1.0889	0.444015	0.849751	-1.17682
cg14124132	C12orf70	0.0329448	0.0911404	0.722547	-1.38399	0.634995	0.919875	-1.0871	0.354518	1.18099	1.18099	0.0547427	0.68351	-1.46304	0.159886	0.769307	-1.29987

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10616672	0.000813762	0.488429	-2.04738	0.246442	1.18772	1.18772	0.0303324	0.696727	-1.43528	0.349698	0.872287	-1.14641	4.95044	1.57955	0.283621	1
cg06787397	1.08E-06	0.171656	-5.82559	0.0746732	1.31645	1.31645	0.829497	0.970579	-1.03031	0.310926	0.864875	-1.15624	24.3472	7.39356	0.26993	1
cg10207745	0.779601	0.936248	-1.06809	0.0424612	1.73093	1.73093	0.56082	1.14809	1.14809	0.834232	1.05044	1.05044	7.38041	6.44507	0.776237	1
cg19719478	0.690584	0.899461	-1.11178	0.06711	0.580739	-1.72194	0.0558802	0.563486	-1.77467	0.0111962	0.430946	-2.32047	5.23447	5.81408	0.987314	1
cg24957964	0.00180371	0.535652	-1.86688	6.03E-05	0.35254	-2.83656	0.84834	0.973431	-1.02729	0.0645184	0.746705	-1.33922	14.5881	4.57072	0.278506	1
cg02393721	0.181876	0.794246	-1.25906	0.00607307	0.558536	-1.7904	0.230639	1.22683	1.22683	0.176361	0.791624	-1.26323	7.59121	3.17732	0.372046	1
cg05161082	0.509601	1.05899	1.05899	0.00651568	0.738658	-1.35381	0.902215	0.989524	-1.01059	0.00334931	1.40783	1.40783	4.63987	0.539447	0.103345	1
cg10625575	0.116211	0.470122	-2.12711	0.00512691	0.195002	-5.12815	0.435849	0.703648	-1.42117	0.0662857	0.402247	-2.48604	4.53453	14.038	2.75182	1
cg11691038	0.204565	0.848921	-1.17797	8.57E-05	2.37053	2.37053	0.000746405	1.8703	1.8703	0.0351125	1.3503	1.3503	10.7005	2.53681	0.210733	1
cg22941086	0.107753	1.74558	1.74558	0.000272967	6.63955	6.63955	0.000897232	4.84465	4.84465	0.0119985	2.70385	2.70385	9.09457	14.5112	1.4183	1
cg09778919	0.607536	0.930593	-1.07458	0.00166336	0.535452	-1.86758	0.362625	1.13874	1.13874	0.451994	0.899068	-1.11226	5.05689	1.54419	0.271435	1
cg14986222	0.00529198	0.715257	-1.3981	0.685831	0.963605	-1.03777	0.845275	1.01797	1.01797	0.0160971	0.764533	-1.30799	9.92667	1.3066	0.117	1
cg00584861	0.459423	0.885877	-1.12883	0.00615938	0.562794	-1.77685	0.321263	1.17922	1.17922	0.220769	1.23009	1.23009	41.5972	17.0497	0.364335	1
cg10705967	0.0128116	0.696157	-1.43646	0.00269186	0.615166	-1.62558	0.700033	0.955658	-1.0464	0.0130622	0.697176	-1.43436	13.2748	2.88567	0.193226	1
cg03686952	0.100159	0.708743	-1.41095	0.00315665	0.462575	-2.16181	0.0234865	0.596203	-1.67728	0.302425	0.815326	-1.2265	5.77977	3.34344	0.514199	1
cg14507346	0.0210902	0.745408	-1.34155	0.047494	0.786523	-1.27142	0.254625	1.13428	1.13428	0.0949779	1.21453	1.21453	4.76781	0.847266	0.15796	1
cg12707727	0.00626042	0.734034	-1.36233	0.170192	0.884578	-1.13048	0.0595869	0.835136	-1.19741	0.152889	1.13728	1.13728	4.06726	0.435923	0.0833611	1
cg19733514	0.985877	1.00311	1.00311	0.00460019	1.93979	1.93979	0.596684	1.09836	1.09836	0.767711	1.05341	1.05341	3.66077	1.78926	0.434459	1
cg00418479	0.173219	0.79813	-1.25293	0.00640072	1.73663	1.73663	0.995612	0.999145	-1.00086	0.91851	1.01605	1.01605	6.4336	2.46666	0.340803	1
cg19952067	0.114905	0.599775	-1.66729	0.0113792	0.388797	-2.57204	0.591622	1.17526	1.17526	0.0181758	0.425204	-2.35181	4.38162	6.17048	1.25179	1
cg10096177	0.643196	1.09731	1.09731	0.00255753	2.2999	2.2999	0.00130027	0.393602	-2.54064	0.0319162	1.64952	1.64952	18.8812	11.8499	0.55787	1
cg14380586	0.0696495	0.84166	-1.18813	0.0158595	0.778007	-1.28533	0.802753	1.02149	1.02149	0.00469619	1.37607	1.37607	13.7882	1.5762	0.101613	1
cg02776750	0.657036	1.06815	1.06815	0.00585776	0.58734	-1.70259	0.411443	1.1319	1.1319	0.389411	1.13897	1.13897	10.3242	3.55874	0.3064	1
cg16775198	0.523877	0.907775	-1.10159	0.0542746	1.38704	1.38704	0.905144	1.01802	1.01802	0.0944362	0.75928	-1.31704	6.75795	2.4016	0.315888	1
cg17063780	0.0195623	0.476907	-2.09684	0.0156162	0.459324	-2.17711	0.0908723	0.613347	-1.6304	0.149112	0.666298	-1.50083	5.85752	6.3895	0.969618	1
cg06824277	0.0443634	0.495812	-2.01689	0.00408868	0.31021	-3.22362	0.0450081	0.497164	-2.01141	0.123113	0.602033	-1.66104	4.18622	6.11887	1.29926	1
cg08027643	0.867146	0.960991	-1.04059	0.2821	1.30427	1.30427	0.834545	0.951507	-1.05096	0.010735	0.466773	-2.14237	4.0713	3.64189	0.795135	1
cg25935014	0.235121	1.15274	1.15274	0.0217349	0.730022	-1.36982	0.0111141	0.695148	-1.43854	0.526527	1.07605	1.07605	3.95464	0.817226	0.183689	1
cg06664258	0.0101693	0.707393	-1.41364	0.186718	0.861151	-1.16124	0.0962898	1.21536	1.21536	0.342221	1.11017	1.11017	3.87628	0.700281	0.160585	1
cg21837669	0.73445	1.02843	1.02843	0.00209017	0.700127	-1.42831	0.524374	1.05455	1.05455	0.952119	1.00496	1.00496	3.76414	0.404086	0.0954235	1
cg02619087	0.00983767	0.403711	-2.47702	0.0329875	0.499973	-2.00011	0.261501	1.38475	1.38475	0.0412778	0.519739	-1.92404	3.70845	4.53897	1.08796	1
cg03882242	0.00646957	0.668384	-1.49615	0.491598	0.923581	-1.08274	0.264405	0.876008	-1.14154	0.0131493	1.41894	1.41894	3.55816	0.72983	0.182324	1
cg00259618	0.00198503	0.454913	-2.19822	0.0777919	0.702265	-1.42396	0.713175	0.935589	-1.06885	0.443126	1.15143	1.15143	3.66541	1.88776	0.457796	1
cg19395441	0.00313045	0.439503	-2.2753	0.0115179	0.525653	-1.90239	0.00137209	0.388725	-2.57252	0.1724	0.74412	-1.34387	7.50583	4.92297	0.58301	1
cg15155738	0.247319	1.61541	1.61541	0.137579	0.530456	-1.88517	0.603411	0.81237	-1.23097	0.57228	1.25388	1.25388	6.36236	15.8402	2.21304	1
cg19788934	0.366791	0.694675	-1.43952	0.00745927	0.258266	-3.87197	0.0278096	0.359982	-2.77792	0.0169046	0.318223	-3.14245	6.29234	15.3869	2.17364	1
cg21590238	0.849547	1.11423	1.11423	0.498657	1.47876	1.47876	0.00815461	0.145352	-6.87986	0.0525581	0.28498	-3.50902	4.91533	25.2529	4.56674	1
cg02403541	0.0305587	1.96491	1.96491	0.537157	0.85027	-1.1761	0.0199138	2.11752	2.11752	0.825581	0.944411	-1.05886	3.81205	3.96707	0.809407	1
cg09989134	0.00572938	0.804447	-1.24309	0.194206	1.08601	1.08601	0.00112223	1.33398	1.33398	0.0814108	0.89044	-1.12304	13.3107	0.760834	0.0508085	1
cg26479305	0.844571	1.02481	1.02481	0.0473207	1.32753	1.32753	0.911771	1.01393	1.01393	0.578791	0.93238	-1.07252	11.8432	2.92382	0.219447	1
cg00456348	?	?	?	?	?	?	?	?	?	0.00134515	3.64135	3.64135	823.127	11.5704	0.00702833	1
cg22851485	0.0239055	0.580337	-1.72314	1.80E-05	0.170653	-5.85985	2.75E-05	0.188506	-5.30486	0.00100227	0.372982	-2.6811	23.7825	15.3558	0.573935	1
cg16874634	0.973283	0.992096	-1.00797	0.0382013	0.565966	-1.76689	0.383704	0.809247	-1.23572	0.872597	1.03876	1.03876	8.8004	7.82572	0.790441	1
cg13381646	0.558454	1.08992	1.08992	0.439479	0.891608	-1.12157	0.490987	0.903215	-1.10716	0.989361	1.00194	1.00194	3.8111	1.278	0.298077	1
cg23180625	0.25342	1.21803	1.21803	0.0199227	1.59141	1.59141	0.939807	0.98759	-1.01257	0.314516	0.841988	-1.18767	3.75545	1.62631	0.384935	1
cg19585003	0.0952649	0.683413	-1.46324	5.47E-06	0.118283	-8.45433	0.159296	0.73171	-1.36666	0.767635	1.06347	1.06347	13.5553	9.25936	0.607182	1
cg06253352	0.240579	0.607436	-1.64626	0.000211552	0.0810558	-12.3372	0.558599	0.786624	-1.27126	0.00507126	0.222405	-4.4963	6.37127	16.6118	2.31761	1
cg05727959	0.660143	0.959861	-1.04182	0.00291668	0.684781	-1.46032	0.931783	0.992105	-1.00796	0.0190241	1.30062	1.30062	6.10729	0.82907	0.120667	1
cg08502080	0.981211	1.00399	1.00399	0.128963	1.31982	1.31982	0.899211	1.02166	1.02166	0.966084	0.992834	-1.00722	3.93297	1.78188	0.402723	1
cg19668010	0.990967	1.00565	1.00565	0.00646133	0.171584	-5.82806	0.574663	0.754088	-1.32611	0.141374	0.455089	-2.19737	3.63797	14.2764	3.48823	1
cg20599651	0.660298	0.856409	-1.16767	0.00469839	0.26799	-3.73148	0.265874	1.50131	1.50131	0.626909	0.842249	-1.1873	4.00748	7.79621	1.72926	1
cg02806658	0.0648727	1.2969	1.2969	0.105661	0.801203	-1.24812	0.0910678	1.26288	1.26288	0.00815923	1.52892	1.52892	11.3884	2.83607	0.221361	1
cg23099157	0.155848	1.1538	1.1538	0.00129284	1.55541	1.55541	0.00271666	0.676968	-1.47718	0.267037	1.11511	1.11511	11.1192	1.56336	0.124978	1
cg01628140	0.572663	0.902615	-1.10789	0.799393	0.955261	-1.04683	0.162463	0.76488	-1.30739	0.0233824	0.614536	-1.62724	8.43051	4.31345	0.454798	1
cg04844692	0.209595	1.83621	1.83621	0.448438	0.701167	-1.42619	0.142414	2.06398	2.06398	0.155136	0.497011	-2.01203	3.79898	12.7065	2.97308	1
cg25765569	0.974587	1.00274	1.00274	2.33E-06	0.372419	-2.68514	0.785871	1.02366	1.02366	0.000416701	0.618334	-1.61725	25.1724	2.94029	0.103827	1
cg25283577	0.800125	1.09456	1.09456	0.00140402	0.173589	-5.76074	0.000548324	0.127783	-7.82574	0.0123855	0.317233	-3.15226	7.94984	15.6227	1.52845	1
cg00615735	0.410926	1.12144	1.12144	0.169558	0.819173	-1.22074	0.0133094	0.658326	-1.519	0.697071	0.948072	-1.05477	4.27519	1.2581	0.261582	1
cg14994737	0.0399119	0.761619	-1.31299	0.469646	0.919117	-1.088	0.10922	1.22171	1.22171	0.00832039	1.47215	1.47215	4.20394	0.87527	0.185069	1
cg23352185	0.155681	1.43094	1.43094	0.166976	0.706755	-1.41492	0.0590996	1.67049	1.67049	0.54144	1.1536	1.1536	6.56309	5.24273	0.532547	1
cg06638748	0.616416	1.03315	1.03315	0.00381103	0.77729	-1.28652	0.00055322	1.41361	1.41361	0.00131091	1.35262	1.35262	13.6844	0.903623	0.058696	1
cg09270951	0.0190592	0.496129	-2.0156	0.56265	0.865398	-1.15554	0.722292	0.915633	-1.09214	0.535889	1.16746	1.16746	7.56087	7.30514	0.858824	1
cg00419228	0.000779259	0.447702	-2.23363	0.00927516	0.593354	-1.68533	0.971813	0.994429	-1.0056	0.070301	0.726241	-1.37695	10.0498	3.97863	0.351903	1
cg05535924	0.0811518	0.871944	-1.14686	0.00017266	0.636298	-1.57159	0.736071	0.97631	-1.02426	0.565626	1.04202	1.04202	7.97646	0.634483	0.0707062	1
cg25560268	0.00573061	0.492717	-2.02956	0.253931	0.792295	-1.26216	0.0148312	0.556673	-1.79639	0.00797255	0.514448	-1.94383	7.13293	4.3144	0.537651	1
cg23355637	0.799234	1.0648	1.0648	0.141941	0.677754	-1.47546	0.913579	0.973612	-1.0271	0.0790695	0.618584	-1.6166	4.96864	4.77542	0.854322	1
cg08620636	0.0571945	0.737892	-1.35521	0.00170387	1.88323	1.88323	0.149264	1.24417	1.24417	0.661334	1.06426	1.06426	4.14244	1.30938	0.280967	1
cg17824939	0.00111969	0.28125	-3.55555	0.000421307	0.22825	-4.38117	0.879465	1.04093	1.04093	0.00914069	0.416749	-2.39952	17.6236	19.5055	0.983807	1
cg23234179	0.344255	0.702043	-1.42441	0.000755661	0.156512	-6.3893	0.433985	0.748342	-1.33629	0.00299551	0.228032	-4.38535	9.52487	19.8907	1.85626	1
cg21131402	0.13061	0.706742	-1.41494	0.169441	1.36506	1.36506	0.796446	0.946524	-1.0565	0.462226	0.852898	-1.17247	3.87188	2.77191	0.636362	1
cg19214184	0.0116899	1.47817	1.47817	2.42E-06	0.241658	-4.13808	9.54E-05	2.36736	2.36736	0.0327195	0.733496	-1.36333	38.2267	9.31496	0.216602	1
cg15843793	0.0194293	1.48445	1.48445	0.00161027	1.88195	1.88195	0.274298	1.17238	1.17238	0.0657076	1.33474	1.33474	9.97459	3.08776	0.275167	1
cg25311656	0.169752	0.837257	-1.19438	0.00594827	1.5478	1.5478	0.329558	1.12999	1.12999	0.227488	0.857384	-1.16634	6.21349	1.45157	0.207659	1
cg03720950	0.947741	1.0231	1.0231	0.842048	1.07198	1.07198	0.00946223	0.318067	-3.14399	0.0350903	0.425182	-2.35193	6.06051	11.6477	1.70836	1
cg11550381	0.0370074	1.37406	1.37406	0.00051347	2.03692	2.03692	0.425207	0.898669	-1.11276	0.623108	1.06715	1.06715	5.41528	1.47636	0.242336	1
cg04606265	0.257649	1.40504	1.40504	0.016621	2.32094	2.32094	0.972261	1.01006	1.01006	0.790646	0.926264	-1.07961	4.42505	5.80813	1.16672	1
cg17334719	0.47525	0.804839	-1.24248	0.32474	0.737788	-1.3554	0.97059	1.01109	1.01109	0.0102602	0.380033	-2.63135	4.04281	5.72557	1.25888	1
cg02513392	0.207027	1.17102	1.17102	0.096567	1.24166	1.24166	0.0477016	1.30819	1.30819	0.18642	0.84689	-1.18079	3.82741	0.853287	0.19817	1
cg02416656	0.024247	0.36744	-2.72153	0.0560696	2.24021	2.24021	0.0672534	0.465609	-2.14772	0.128488	0.542041	-1.84488	3.69441	8.12907	1.95589	1
cg05582340	0.00467297	2.48985	2.48985	0.171101	1.42401	1.42401	0.00425938	2.52867	2.52867	0.0275448	1.88162	1.88162	8.95865	8.34742	0.828242	1
cg19496587	0.000396121	2.70875	2.70875	0.00627077	0.533061	-1.87596	0.0191673	0.606111	-1.64986	0.748834	1.05839	1.05839	9.34692	4.61984	0.439346	1
cg08464674	0.000644445	0.083116	-12.0314	0.685407	1.21347	1.21347	0.0434205	0.331713	-3.01465	0.338789	0.625978	-1.5975	7.50016	26.8115	3.17759	1
cg12376068	0.600593	0.940963	-1.06274	0.115838	0.821286	-1.2176	0.0127677	0.700219	-1.42813	0.570822	1.06821	1.06821	5.01617	1.05415	0.186801	1
cg16280700	0.00349173	2.54759	2.54759	0.537482	0.863005	-1.15874	0.015605	0.496761	-2.01304	0.736494	1.08296	1.08296	4.65374	3.64811	0.783908	1
cg19642920	0.0276349	0.735792	-1.35908	0.00487954	0.64429	-1.5521	0.219162	0.858776	-1.16445	0.0362474	0.750608	-1.33225	4.48667	0.986351	0.195414	1
cg00921819	0.331512	0.569779	-1.75507	0.00150426	0.0766972	-13.0383	0.155078	0.425584	-2.34971	0.175313	0.44521	-2.24613	3.68924	18.4178	4.43761	1
cg23738734	0.113962	0.764231	-1.30851	0.000959573	0.463437	-2.15779	0.539475	0.907428	-1.10202	0.244322	1.2098	1.2098	5.21862	2.02089	0.344218	1
cg16023065	0.00319399	0.513942	-1.94575	1.05E-07	0.0583249	-17.1453	0.634371	0.923836	-1.08244	1.73E-05	0.233199	-4.28818	60.727	26.2962	0.384909	1
cg09843829	0.647361	1.0886	1.0886	0.858579	0.967661	-1.03342	0.0404651	0.646503	-1.54678	0.00325791	0.477394	-2.09471	33.2836	17.9081	0.478265	1
cg26543311	0.0644023	0.178025	-5.6172	0.0205535	0.0985178	-10.1504	0.103775	0.228181	-4.38249	0.0081496	0.0600272	-16.6591	5.06068	55.2975	9.71279	1
cg12133004	0.899975	0.903126	-1.10727	0.0157798	0.0910155	-10.9871	0.0129709	0.0822047	-12.1647	0.0312365	0.128981	-7.7531	3.93645	40.9342	9.24335	1
cg10505355	0.100177	0.25809	-3.87461	0.0655397	0.211358	-4.73131	0.11297	0.273289	-3.65913	0.0154696	0.107132	-9.33431	3.92152	35.1184	7.96027	1
cg19642433	0.0508661	0.739321	-1.35259	2.12E-07	0.118606	-8.43126	0.104131	1.27283	1.27283	1.33E-07	0.103994	-9.61592	72.828	21.2641	0.259536	1
cg10431365	0.396123	0.941789	-1.06181	1.15E-05	1.90006	1.90006	0.231075	0.916952	-1.09057	0.982376	1.00153	1.00153	17.2464	1.30101	0.0670547	1
cg26252641	0.0665254	0.438052	-2.28283	0.00140348	0.156333	-6.39662	0.658428	1.1954	1.1954	0.000575121	0.117925	-8.48	12.0467	30.7041	2.26556	1
cg14643892	0.668456	0.703783	-1.42089	0.00917329	0.0673559	-14.8465	0.0195645	9.97788	9.97788	0.0369497	0.138678	-7.21097	4.25086	44.7586	9.35937	1
cg15935096	0.233866	1.29545	1.29545	0.731322	0.931006	-1.07411	0.277189	1.26416	1.26416	0.786357	0.945209	-1.05797	4.09785	2.79195	0.605619	1
cg03132202	0.0250898	0.685567	-1.45865	0.0105222	0.633785	-1.57782	0.37905	1.13639	1.13639	0.0381555	0.711456	-1.40557	3.6741	1.16795	0.282567	1
cg24406754	0.112637	0.250535	-3.99146	0.0175348	0.0985857	-10.1435	0.2216	2.8002	2.8002	0.0834277	0.215279	-4.64514	3.43618	34.9584	9.04324	1
cg08099141	0.00057406	1.19205	1.19205	8.65E-06	0.489446	-2.04313	?	?	?	5.03E-06	2.35411	2.35411	4795.58	6.08756	0.000634706	1
cg08078216	0.000481873	1.90049	1.90049	0.271877	1.14354	1.14354	0.000735844	0.548011	-1.82478	0.0365629	1.32965	1.32965	10.3487	2.25405	0.193609	1
cg14546261	0.0272377	0.738703	-1.35372	0.902715	1.01427	1.01427	0.183377	0.84908	-1.17774	0.294167	0.881523	-1.1344	5.0762	1.07989	0.189099	1
cg16302275	0.411789	1.18245	1.18245	0.00452377	0.469776	-2.12867	0.307497	1.23486	1.23486	0.51844	1.13967	1.13967	3.63446	2.29554	0.561427	1
cg21931212	0.00752352	0.583546	-1.71366	0.26459	1.19972	1.19972	0.936635	0.987626	-1.01253	0.0671786	1.37887	1.37887	8.80443	3.41961	0.345241	1
cg26467753	0.00124382	0.478622	-2.08933	0.000501733	0.427455	-2.33943	0.389834	0.871423	-1.14755	0.0387617	0.68813	-1.45321	48.2353	18.635	0.343409	1
cg08747670	0.00242507	0.472621	-2.11586	0.00058872	0.389653	-2.56639	0.049282	0.671439	-1.48934	0.0642137	0.691327	-1.44649	27.5909	13.7686	0.443579	1
cg03077730	0.052736	0.780081	-1.28192	0.00103817	1.72948	1.72948	0.952476	0.9933	-1.00674	0.250883	0.873441	-1.1449	8.45232	1.70293	0.179089	1
cg16719299	0.181298	0.717495	-1.39374	0.155923	0.701082	-1.42637	0.0414301	0.57685	-1.73355	0.108508	0.663948	-1.50614	7.49862	6.49929	0.770428	1
cg06252333	0.00085876	0.306021	-3.26775	0.0503266	0.589934	-1.6951	0.064095	1.63591	1.63591	0.21322	0.733392	-1.36353	8.16717	7.23777	0.787736	1
cg24095583	0.00179381	0.268368	-3.72623	0.0198517	0.434901	-2.29938	0.581702	1.1791	1.1791	0.061933	0.536644	-1.86343	6.56452	9.11507	1.23425	1
cg02307482	0.000267246	2.25932	2.25932	0.025208	0.709745	-1.40896	0.000231768	0.434283	-2.30264	0.076062	1.28599	1.28599	22.8382	5.55983	0.189345	1
cg15702800	0.597818	0.814959	-1.22706	1.93E-05	0.0356009	-28.0892	0.207019	1.66773	1.66773	0.232334	1.61837	1.61837	13.0678	30.5747	2.07973	1
cg07883622	0.551814	0.72025	-1.38841	0.00314652	0.110782	-9.02676	0.0469014	0.289379	-3.45567	0.448652	0.656454	-1.52334	5.87378	27.643	4.18327	1
cg20711383	0.421145	1.49191	1.49191	0.0680925	0.369879	-2.70359	0.581128	0.762403	-1.31164	0.273478	0.574201	-1.74155	4.80723	18.0425	3.33618	1
cg19484886	0.460467	0.95721	-1.0447	0.061301	0.88452	-1.13056	0.00527136	1.23873	1.23873	0.000157453	1.45683	1.45683	13.1131	0.703438	0.0476835	1
cg19566663	0.0594736	0.723736	-1.38172	0.00280646	1.86975	1.86975	0.00370538	0.551001	-1.81488	0.195107	1.23157	1.23157	6.43789	2.35544	0.325219	1
cg04241835	0.447076	0.90468	-1.10536	0.0117458	1.50213	1.50213	0.795525	0.966987	-1.03414	0.684897	1.05415	1.05415	4.09931	1.08491	0.235251	1
cg12375960	0.00194221	0.308123	-3.24545	0.249455	1.38159	1.38159	0.391357	1.26597	1.26597	0.474504	1.21569	1.21569	3.57643	4.08481	1.01524	1
cg20393962	0.390354	0.925628	-1.08035	1.54E-07	0.237848	-4.20436	0.000334698	1.66196	1.66196	9.21E-07	0.319725	-3.12769	92.8855	11.3414	0.108534	1
cg19016782	0.00149508	0.311807	-3.20711	0.138181	0.666096	-1.50128	0.763865	1.0797	1.0797	0.000630253	0.262542	-3.80891	8.10466	8.31646	0.912119	1
cg24097247	0.00499665	0.130538	-7.66058	0.0249704	0.231768	-4.31466	0.136787	2.40716	2.40716	0.530653	1.41638	1.41638	4.59936	19.449	4.22863	1
cg10687642	0.0587945	1.6178	1.6178	0.0194352	0.528973	-1.89046	0.145393	0.703014	-1.42245	0.886513	0.968327	-1.03271	3.811	3.06608	0.715141	1
cg19367466	0.0090634	0.717706	-1.39333	0.958624	1.0052	1.0052	0.3237	1.10732	1.10732	0.0922612	0.83083	-1.20362	3.75175	0.594333	0.140813	1
cg11202094	?	?	?	?	?	?	7.13E-05	0.0597693	-16.731	0.00232189	0.261939	-3.81768	30.9022	18.2796	0.492942	1
cg08894685	0.767637	1.02233	1.02233	0.0181262	0.807414	-1.23852	0.00380469	1.3377	1.3377	0.164906	1.11677	1.11677	4.86769	0.428408	0.0782316	1
cg05978833	0.268583	1.25575	1.25575	0.0422796	1.58775	1.58775	0.0652381	1.5054	1.5054	0.176893	1.32802	1.32802	3.73262	2.30912	0.549896	1
cg23258897	0.0275076	1.35301	1.35301	0.0678958	0.788879	-1.26762	0.812254	1.02798	1.02798	0.277665	1.13988	1.13988	3.98297	0.84836	0.18933	1
cg08253970	0.799788	0.96294	-1.03849	0.0777006	0.747249	-1.33824	0.809817	1.03648	1.03648	0.347721	1.1545	1.1545	3.40593	1.19109	0.310855	1
cg00730260	0.465731	1.06634	1.06634	0.00014207	1.76439	1.76439	0.259404	0.903205	-1.10717	0.670659	0.963664	-1.03771	10.3253	1.22439	0.105405	1
cg23850361	0.949705	1.00853	1.00853	0.0349946	1.39184	1.39184	0.0409791	0.728028	-1.37357	0.800928	0.96657	-1.03459	5.97777	1.71465	0.254966	1
cg10244128	0.381963	1.30986	1.30986	0.00129412	4.10037	4.10037	0.268398	1.41484	1.41484	0.498758	0.813252	-1.22963	4.35854	6.2552	1.2757	1
cg03272292	0.0540673	1.14623	1.14623	0.0527536	0.871595	-1.14732	0.0972462	0.892617	-1.1203	0.0488773	0.86902	-1.15072	21.3871	1.31968	0.0548483	1
cg10380200	0.0993866	0.737991	-1.35503	0.300339	1.19785	1.19785	0.00025429	0.362834	-2.75608	0.8106	1.04121	1.04121	11.8618	5.3155	0.398327	1
cg17527422	0.0144806	0.469238	-2.13112	0.0132262	0.462432	-2.16248	0.175239	0.696248	-1.43627	0.198832	1.40635	1.40635	4.47979	4.47512	0.887963	1
cg21899283	0.06259	1.26534	1.26534	0.000197261	2.01906	2.01906	0.597149	0.94186	-1.06173	0.813643	0.973828	-1.02688	15.9273	3.18155	0.17756	1
cg14470729	0.281245	0.589473	-1.69643	0.000318534	0.0638813	-15.654	0.655118	0.808826	-1.23636	0.0297178	0.298932	-3.34524	5.90726	20.8376	3.13551	1
cg15476885	0.526836	0.877476	-1.13963	0.0196263	0.562886	-1.77656	0.89938	0.974544	-1.02612	0.795263	1.05444	1.05444	4.31426	2.83904	0.584943	1
cg10141381	0.00242794	1.92008	1.92008	0.0275251	1.49605	1.49605	0.338921	1.16455	1.16455	0.962053	0.992674	-1.00738	9.6156	3.63713	0.336225	1
cg23111487	0.423456	0.8332	-1.20019	0.0106533	2.04766	2.04766	0.369158	0.813938	-1.2286	0.876082	0.965768	-1.03545	8.574	6.76543	0.701389	1
cg04428616	0.0870266	0.674168	-1.48331	0.181445	1.34444	1.34444	0.377794	1.20781	1.20781	0.746688	0.934617	-1.06996	4.60504	3.17478	0.612812	1
cg14124132	0.00982266	0.565517	-1.76829	0.0204536	1.62875	1.62875	0.334032	1.19007	1.19007	0.448976	0.873935	-1.14425	3.95243	1.90928	0.42939	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04937596	C12orf71	0.011966	0.167086	0.751007	-1.33154	0.0375401	0.625552	-1.59859	0.901189	1.02444	1.02444	0.282137	1.24269	1.24269	0.462917	0.864798	-1.15634
cg14110969	C12orf71	0.0206572	0.417105	0.79921	-1.25124	0.00380584	0.348259	-2.87142	0.302373	0.749189	-1.33478	0.420453	1.24914	1.24914	0.256064	0.725842	-1.37771
cg16318994	C12orf71	0.0229881	0.486896	0.816454	-1.22481	0.111668	0.608145	-1.64435	0.660427	0.880812	-1.13532	0.00483143	0.341955	-2.92436	0.00238323	0.296516	-3.3725
cg19560014	C12orf72	0.000670872	0.242434	0.780954	-1.28048	0.934252	0.983463	-1.01681	0.0661149	0.659276	-1.51682	0.789831	1.05547	1.05547	0.000147957	0.267558	-3.7375
cg20755748	C12orf72	0.0157397	0.158106	0.554574	-1.80319	0.128796	0.5266	-1.89897	0.0268008	0.358836	-2.78679	0.404583	0.71664	-1.3954	0.00233181	0.19002	-5.26261
cg22022442	C12orf72;C12orf72	0.00233493	0.0557555	0.331729	-3.01451	0.00666605	0.166598	-6.00247	0.00409765	0.140746	-7.105	0.462351	1.4636	1.4636	0.0301285	0.273001	-3.663
cg11649679	C12orf72;C12orf72;C12orf72	0.0011441	0.000114786	0.159093	-6.28562	0.0643956	0.568643	-1.75857	0.466891	0.817803	-1.22279	0.665989	0.888709	-1.12523	0.0152506	0.445082	-2.24678
cg05705035	C12orf72;C12orf72;C12orf72	0.00180963	0.00379532	0.771845	-1.2956	0.000398033	0.688085	-1.45331	0.304705	1.07304	1.07304	0.00171205	0.743093	-1.34573	0.0217186	0.832982	-1.20051
cg02342494	C12orf72;C12orf72;C12orf72	0.00399826	0.604343	0.934214	-1.07042	0.0253663	1.41338	1.41338	0.0204952	1.43828	1.43828	0.0618061	1.31497	1.31497	0.298432	1.15063	1.15063
cg23311790	C12orf72;C12orf72;C12orf72	0.00660286	0.168708	1.10502	1.10502	0.00537846	0.779145	-1.28346	0.407355	0.943921	-1.05941	0.48135	1.04994	1.04994	0.00108401	1.38882	1.38882
cg14437324	C12orf72;C12orf72;C12orf72	0.0135898	0.00375681	0.458568	-2.1807	0.145009	0.732021	-1.36608	0.254224	1.26781	1.26781	0.124079	0.717545	-1.39364	0.232408	0.779117	-1.2835
cg08647727	C12orf72;C12orf72;C12orf72;C12orf72	0.0203791	0.0898179	0.617652	-1.61903	0.00182552	0.319386	-3.13101	0.0568904	0.573929	-1.74238	0.437268	0.815312	-1.22652	0.0552997	0.571329	-1.7503
cg15903784	C12orf73	0.00551589	0.0195833	1.79766	1.79766	0.404861	1.19388	1.19388	0.536311	1.13906	1.13906	0.133493	1.40008	1.40008	0.107666	1.44057	1.44057
cg24790764	C12orf73	0.011108	0.0789132	0.423715	-2.36008	0.00763057	0.220981	-4.52528	0.0491581	0.372197	-2.68675	0.0532469	0.380413	-2.62872	0.00177465	0.14104	-7.09021
cg09922117	C12orf73	0.0164423	0.388378	1.15483	1.15483	0.000601329	0.422415	-2.36734	0.214699	1.237	1.237	0.874514	0.974593	-1.02607	0.055942	0.702866	-1.42275
cg17344080	C12orf74	0.000446877	3.74E-05	0.125625	-7.96021	0.215771	0.710985	-1.4065	0.0766565	0.597154	-1.67461	0.326578	0.767065	-1.30367	0.000245093	0.20461	-4.88735
cg04614923	C12orf74	0.0012639	0.000376624	0.172002	-5.8139	0.0208043	0.422443	-2.36718	0.093535	0.564841	-1.77041	0.0120441	0.379181	-2.63726	6.21E-05	0.101667	-9.836
cg26311666	C12orf74	0.00821859	0.510188	0.865287	-1.15569	0.000842045	0.337005	-2.96731	0.0104454	0.497436	-2.01031	0.538015	0.873662	-1.14461	0.00120994	0.358261	-2.79126
cg12586908	C12orf74	0.0322925	0.0221853	0.484754	-2.0629	0.139784	0.65731	-1.52135	0.00885758	0.414845	-2.41054	0.0115956	0.434556	-2.3012	0.0820491	0.601211	-1.66331
cg26459229	C12orf75	0.00242954	0.0346477	0.668258	-1.49643	0.606188	0.918416	-1.08883	0.0287391	0.655625	-1.52526	0.0594171	0.705931	-1.41657	0.000120697	0.33307	-3.00237
cg26940261	C12orf75	0.00541502	0.00221499	0.44988	-2.22282	0.00423165	0.490003	-2.0408	0.100237	0.714994	-1.39861	0.0128388	0.562337	-1.77829	0.0292783	0.619778	-1.61348
cg25674709	C12orf75	0.0164642	0.268835	0.898774	-1.11263	0.760338	0.972045	-1.02876	0.149367	0.866522	-1.15404	0.000588093	0.61132	-1.6358	0.144373	0.864755	-1.1564
cg21768899	C12orf75;C12orf75	0.0110991	0.192552	0.69197	-1.44515	0.000293622	0.20698	-4.83138	0.131098	1.54529	1.54529	0.299966	0.750683	-1.33212	0.312529	1.32169	1.32169
cg19351533	C12orf76	0.00154333	0.649038	1.09593	1.09593	0.00261696	0.434655	-2.30067	0.000160276	0.27547	-3.63016	0.19089	0.758131	-1.31903	0.0797886	1.47506	1.47506
cg03428247	C12orf76	0.0230856	0.386787	0.886237	-1.12837	0.141231	1.24035	1.24035	0.303734	1.15605	1.15605	0.212743	1.19561	1.19561	0.774424	1.03989	1.03989
cg25605408	C12orf76	0.0246536	0.821205	0.983103	-1.01719	0.216854	1.10277	1.10277	0.786266	0.979745	-1.02067	0.607835	1.03974	1.03974	0.050675	1.18251	1.18251
cg02042936	C12orf76	0.0249788	0.0353813	0.346306	-2.88762	0.335363	0.650507	-1.53726	0.495974	1.34881	1.34881	0.757555	1.14342	1.14342	0.00311443	0.173746	-5.75553
cg02068160	C12orf76	0.0262966	0.20345	1.43433	1.43433	0.790192	0.930855	-1.07428	0.0650852	0.573193	-1.74461	0.11446	1.58614	1.58614	0.259184	0.728842	-1.37204
cg06099459	C12orf77	0.000979839	0.134181	0.824138	-1.21339	2.22E-05	2.77012	2.77012	0.659446	1.05454	1.05454	0.308018	0.881305	-1.13468	0.775398	0.966325	-1.03485
cg15460816	C12orf77	0.00581225	0.928728	1.01984	1.01984	0.108373	1.46905	1.46905	0.0663009	0.636167	-1.57192	0.00309969	0.411208	-2.43186	0.00137894	0.361036	-2.7698
cg13614181	C13orf15	0.0385805	0.0383768	5.82742	5.82742	0.0449275	5.42299	5.42299	0.0432001	5.52086	5.52086	0.2516	2.41055	2.41055	0.527452	1.6005	1.6005
cg26094185	C13orf15;C13orf15	0.00284069	0.000112466	0.204303	-4.8947	0.417264	1.2141	1.2141	0.0340166	1.78441	1.78441	0.037333	0.568053	-1.7604	0.0822532	0.637289	-1.56915
cg15511286	C13orf16	0.000329913	0.122921	0.507967	-1.96863	0.0268889	0.345664	-2.89298	0.00757388	0.248547	-4.02339	0.000492521	0.109527	-9.13016	9.99E-05	0.0609782	-16.3993
cg22102391	C13orf16	0.000999502	0.00321682	0.569043	-1.75733	0.0444951	0.72356	-1.38206	0.71766	1.05224	1.05224	4.69E-05	0.34081	-2.93419	0.00891684	0.627147	-1.59452
cg21308062	C13orf16	0.00112496	0.606879	0.85369	-1.17138	0.00839023	0.358319	-2.79081	0.143275	0.619148	-1.61512	0.00401057	0.307767	-3.24921	0.000220858	0.153271	-6.5244
cg09166410	C13orf16	0.0025847	0.012443	0.220124	-4.54289	0.00239598	0.127596	-7.83721	0.00256277	0.130642	-7.6545	0.0131287	0.223859	-4.46709	0.0012101	0.0996514	-10.035
cg27528242	C13orf16	0.00575767	0.0514338	0.787684	-1.26955	0.000542344	1.78375	1.78375	0.562717	0.93896	-1.06501	0.0609605	1.2552	1.2552	0.00505061	0.67096	-1.4904
cg06780726	C13orf16	0.00642649	0.00414746	0.199092	-5.02282	0.00103931	0.130097	-7.68655	0.101956	0.471519	-2.1208	0.0773165	0.438343	-2.28132	0.0162113	0.29084	-3.43832
cg04752989	C13orf16	0.00919795	0.662536	1.25253	1.25253	0.101848	0.399229	-2.50483	0.0217114	0.243436	-4.10786	0.139838	0.442834	-2.25818	0.00396407	0.137159	-7.29079
cg03237405	C13orf16	0.0177598	0.993384	1.00132	1.00132	0.0109911	0.601151	-1.66347	0.0173626	0.629977	-1.58736	0.390358	1.15072	1.15072	0.825005	0.965295	-1.03595
cg03299636	C13orf16	0.0179766	0.21372	1.66806	1.66806	0.330519	1.48054	1.48054	0.0230915	0.345858	-2.89136	0.513734	1.29539	1.29539	0.0279446	0.36241	-2.75931
cg14384178	C13orf16	0.0244527	0.80278	1.07834	1.07834	0.0749201	1.81814	1.81814	0.537621	0.828519	-1.20697	0.775397	1.09004	1.09004	0.309717	1.37276	1.37276
cg14294077	C13orf16	0.0377056	0.0298711	0.418517	-2.38939	0.629843	0.847451	-1.18001	0.0720335	0.504376	-1.98265	0.981213	1.00806	1.00806	0.092126	0.53156	-1.88125
cg02318549	C13orf16	0.045439	0.698427	1.14875	1.14875	0.626025	0.839519	-1.19116	0.0642955	0.476914	-2.09681	0.388849	1.36963	1.36963	0.662693	0.855278	-1.16921
cg16877615	C13orf16;C13orf16	0.0497259	0.395723	1.30284	1.30284	0.020733	2.33259	2.33259	0.667525	1.14047	1.14047	0.247627	1.44435	1.44435	0.721467	1.11503	1.11503
cg20864734	C13orf18	1.02E-05	0.00104902	1.47347	1.47347	7.57E-06	0.455297	-2.19637	1.63E-05	0.49197	-2.03264	0.305944	0.918756	-1.08843	0.203337	0.898222	-1.11331
cg15161047	C13orf18	0.00159313	0.0662949	0.574142	-1.74173	0.0462267	0.540515	-1.85009	0.0235556	0.482632	-2.07197	0.800494	0.934059	-1.0706	0.00435125	0.358304	-2.79093
cg19077761	C13orf18	0.00449738	0.930709	1.01674	1.01674	0.0328463	0.620867	-1.61065	0.1215	0.72575	-1.37789	0.127061	0.729724	-1.37038	0.8235	1.04358	1.04358
cg14973892	C13orf18	0.00933218	0.01604	0.185528	-5.39003	0.00170184	0.0772004	-12.9533	0.00864167	0.14757	-6.77643	0.0281478	0.227235	-4.40073	0.0109671	0.16132	-6.19886
cg08378598	C13orf18	0.0143427	0.0196939	0.601417	-1.66274	0.718758	1.06745	1.06745	0.811445	0.957781	-1.04408	0.0397469	0.65107	-1.53593	0.565168	1.11065	1.11065
cg03135713	C13orf18	0.018537	0.741045	1.09707	1.09707	0.0143944	2.32261	2.32261	0.816389	0.937093	-1.06713	0.911649	1.03149	1.03149	0.00232586	0.304861	-3.28019
cg11727592	C13orf18	0.0346051	0.0437018	0.384428	-2.60127	0.249563	0.608865	-1.6424	0.372473	1.45866	1.45866	0.228749	1.68338	1.68338	0.00685836	0.236083	-4.2358
cg03643433	C13orf18	0.0448896	0.601048	1.12543	1.12543	0.955953	0.987705	-1.01245	0.0075469	0.463053	-2.15958	0.15944	0.714084	-1.4004	0.464751	0.846501	-1.18133
cg11805587	C13orf1;C13orf1;C13orf1	0.000390885	0.00328631	0.571501	-1.74978	0.127651	0.79447	-1.2587	0.00214157	0.547528	-1.82639	0.00174167	0.536026	-1.86558	0.000120343	0.391124	-2.55673
cg13236166	C13orf1;C13orf1;C13orf1	0.000824285	0.532836	1.14677	1.14677	0.00158097	0.374009	-2.67373	0.00114941	0.354901	-2.81769	0.751453	1.07131	1.07131	0.0607295	1.58149	1.58149
cg19695599	C13orf1;C13orf1;C13orf1	0.0181767	0.0629081	1.3173	1.3173	0.299903	1.15199	1.15199	0.017502	0.683252	-1.46359	0.0387608	1.37055	1.37055	0.0335471	1.38687	1.38687
cg11243656	C13orf1;C13orf1;C13orf1	0.0217467	0.557626	0.84767	-1.1797	0.0825043	0.585106	-1.70909	0.669446	0.887205	-1.12714	0.0024496	3.2369	3.2369	0.249229	0.714898	-1.3988
cg25446577	C13orf1;C13orf1;C13orf1;C13orf1;C13orf1	0.00201667	0.919997	0.98673	-1.01345	0.00178189	1.80651	1.80651	0.00063072	2.01087	2.01087	0.0929272	0.782069	-1.27866	0.698101	0.949489	-1.0532
cg03195269	C13orf1;C13orf1;C13orf1;C13orf1;C13orf1	0.0239572	0.401142	0.838474	-1.19264	0.244348	0.779048	-1.28362	0.957805	1.01091	1.01091	0.818169	1.04834	1.04834	0.000706938	0.347142	-2.88067
cg26095546	C13orf23;C13orf23	2.29E-05	0.000230397	0.45724	-2.18703	3.38E-05	2.79596	2.79596	3.73E-05	2.75723	2.75723	0.386416	1.12032	1.12032	0.419411	0.899812	-1.11134
cg05721478	C13orf23;C13orf23;C13orf23;C13orf23;NHLRC3;NHLRC3	0.00559821	0.00372817	0.640102	-1.56225	0.0231608	1.36233	1.36233	0.0400733	1.31024	1.31024	0.826239	1.02536	1.02536	0.369544	0.900364	-1.11066
cg05926266	C13orf23;C13orf23;C13orf23;C13orf23;NHLRC3;NHLRC3	0.0189003	0.200205	1.80776	1.80776	0.00473889	0.181822	-5.49988	0.939643	0.967676	-1.0334	0.0538969	0.379591	-2.63442	0.404867	1.4493	1.4493
cg22950347	C13orf23;C13orf23;C13orf23;C13orf23;NHLRC3;NHLRC3	0.0196874	0.88946	1.02252	1.02252	0.0832932	1.3593	1.3593	0.483907	0.892344	-1.12064	0.00100102	0.457399	-2.18628	0.249389	0.82469	-1.21258
cg13511620	C13orf23;C13orf23;C13orf23;C13orf23;NHLRC3;NHLRC3	0.0261827	0.765171	1.12797	1.12797	0.221197	1.6769	1.6769	0.103964	2.04346	2.04346	0.82179	0.913302	-1.09493	0.769582	1.12533	1.12533
cg12415720	C13orf23;C13orf23;NHLRC3;NHLRC3	0.0114991	0.00227036	0.323261	-3.09348	0.403114	0.797487	-1.25394	0.0241862	0.491235	-2.03568	0.115997	0.63647	-1.57117	0.0244483	0.492115	-2.03204
cg24856064	C13orf26	3.32E-05	0.734758	0.954561	-1.0476	0.318386	0.868465	-1.15146	0.16504	0.816666	-1.22449	0.00314243	1.73687	1.73687	0.253837	0.849628	-1.17699
cg05888037	C13orf26	0.0125616	0.0341453	0.324213	-3.08439	0.00147306	0.123549	-8.09394	0.0229529	0.289513	-3.45408	0.421126	0.687666	-1.45419	0.00257277	0.148919	-6.71504
cg00632070	C13orf26	0.0153292	0.0297887	0.365266	-2.73773	0.00308272	0.202842	-4.92994	0.00873132	0.268243	-3.72796	0.624135	0.823246	-1.2147	0.00332305	0.207119	-4.82814
cg20705908	C13orf27	0.000307711	0.0216054	0.409546	-2.44173	0.00124641	0.217362	-4.60063	0.00116513	0.213757	-4.67822	0.761891	1.10334	1.10334	0.0709892	0.520613	-1.92081
cg18212591	C13orf27	0.00242793	0.00561036	0.693131	-1.44273	0.629806	0.952224	-1.05017	0.516892	1.06848	1.06848	0.0121786	0.729854	-1.37014	0.150799	0.856236	-1.1679
cg04015777	C13orf27	0.00259635	0.789115	1.09743	1.09743	0.00392805	3.84178	3.84178	0.300118	1.45122	1.45122	0.0183033	2.69963	2.69963	0.0124526	0.340092	-2.94038
cg13221899	C13orf27	0.0294359	0.394979	0.784197	-1.27519	0.801812	1.0727	1.0727	0.0840192	0.586572	-1.70482	0.27622	0.729032	-1.37168	0.951309	0.983105	-1.01719
cg20956131	C13orf27	0.0393095	0.619209	0.791172	-1.26395	0.000937822	10.0544	10.0544	0.264481	0.580549	-1.72251	0.445648	0.69524	-1.43835	0.922436	1.04659	1.04659
cg04107005	C13orf28	9.57E-06	0.0335821	0.633087	-1.57956	0.175831	1.30351	1.30351	9.91E-05	0.280147	-3.56955	0.591923	0.905156	-1.10478	5.81E-07	0.0789671	-12.6635
cg23541676	C13orf28	3.64E-05	0.0611125	0.666402	-1.5006	0.00567978	0.497718	-2.00917	6.49E-06	0.14484	-6.90416	0.0972098	0.704651	-1.41914	6.07E-06	0.142383	-7.02333
cg03625684	C13orf28	0.000288159	0.000139788	0.276244	-3.61999	0.195646	1.30692	1.30692	0.683492	0.922955	-1.08348	0.335462	0.823438	-1.21442	0.000130848	0.272864	-3.66482
cg19002027	C13orf28	0.00285419	0.00492125	0.353663	-2.82755	0.566267	0.850646	-1.17558	0.119399	0.624073	-1.60238	0.178961	0.671435	-1.48935	0.000108428	0.14908	-6.70783
cg14591352	C13orf28	0.00809492	0.135459	0.458048	-2.18318	0.183713	0.504413	-1.9825	0.889536	0.934792	-1.06976	0.0657729	0.367207	-2.72326	0.000538061	0.0733639	-13.6307
cg21624282	C13orf28	0.0353786	0.0239127	0.166702	-5.99873	0.152627	0.361143	-2.76899	0.302089	0.491274	-2.03552	0.218614	0.423063	-2.36372	0.031169	0.186135	-5.37245
cg22790835	C13orf29	1.32E-05	0.000120439	0.368965	-2.71028	0.137712	0.788855	-1.26766	0.00135031	0.501215	-1.99515	6.99E-05	0.340577	-2.9362	0.00184113	0.518772	-1.92763
cg15703035	C13orf29	2.13E-05	4.55E-05	0.221168	-4.52145	0.00555986	0.490271	-2.03969	0.000151	0.280026	-3.57109	4.95E-05	0.22512	-4.44208	0.000619319	0.356667	-2.80373
cg13698168	C13orf29	0.000526748	0.00512128	0.309894	-3.22691	0.443303	1.28095	1.28095	0.00797738	0.340525	-2.93664	0.00222942	0.257489	-3.88366	0.0020196	0.251674	-3.9734
cg03757805	C13orf29	0.000666291	0.379054	1.43795	1.43795	0.00304282	5.12475	5.12475	0.0135835	0.292547	-3.41825	0.451586	0.734404	-1.36165	3.76E-05	0.0413068	-24.2091
cg16032841	C13orf29	0.00152646	0.125195	0.49585	-2.01674	0.0812791	2.26334	2.26334	0.137379	0.508498	-1.96658	0.121698	0.49207	-2.03223	0.000596721	0.106505	-9.38925
cg22131172	C13orf29	0.00482437	0.109592	0.519845	-1.92365	0.304717	1.48978	1.48978	0.0242001	0.365003	-2.7397	0.00710298	0.271353	-3.68523	0.184023	0.589465	-1.69645
cg05348852	C13orf29	0.00760332	0.348968	0.637948	-1.56753	0.965609	0.980101	-1.0203	0.00548388	0.182242	-5.48722	0.0538075	0.360334	-2.7752	0.107399	0.440785	-2.26868
cg04513422	C13orf29	0.00778802	0.144432	0.416312	-2.40205	0.998303	0.998812	-1.00119	0.270451	0.526564	-1.8991	0.114205	0.382726	-2.61283	0.000748361	0.0573101	-17.4489
cg13531120	C13orf29	0.0286046	0.0248829	0.323607	-3.09017	0.527089	0.762769	-1.31101	0.416543	0.704066	-1.42032	0.0851482	0.447371	-2.23528	0.0216629	0.311909	-3.20607
cg18860329	C13orf30	0.000513165	0.421688	0.867664	-1.15252	0.11591	1.34383	1.34383	0.00902391	0.563227	-1.77548	0.782019	0.953164	-1.04914	0.000425671	0.380995	-2.6247
cg18877294	C13orf30	0.000867283	0.821336	1.04793	1.04793	3.97E-05	0.196701	-5.08385	0.00201807	0.40593	-2.46348	0.0044391	0.455775	-2.19407	0.175706	1.3472	1.3472
cg26529044	C13orf30	0.0136513	0.0076725	0.142995	-6.99323	0.00885406	0.150884	-6.6276	0.0182466	0.196624	-5.08585	0.161402	0.427889	-2.33705	0.00913072	0.152625	-6.55199
cg08787791	C13orf30;C13orf30	0.00148841	0.0198243	0.482479	-2.07263	0.0902448	0.616484	-1.6221	0.725422	1.09567	1.09567	0.600717	1.14663	1.14663	2.13E-05	0.108866	-9.1856
cg13237945	C13orf30;C13orf30	0.00356258	0.0173149	0.37693	-2.65301	0.0338557	0.434361	-2.30223	0.904376	0.960354	-1.04128	0.253533	0.6694	-1.49387	9.46E-05	0.0961968	-10.3954
cg21566278	C13orf31;C13orf31	0.0237445	0.448449	0.857283	-1.16648	0.00313886	0.447126	-2.2365	0.0178545	0.563302	-1.77525	0.154186	0.737815	-1.35535	0.0873709	0.686459	-1.45675
cg27222172	C13orf31;C13orf31;C13orf31;CCDC122	4.45E-07	0.36675	0.792471	-1.26188	3.32E-06	15.7166	15.7166	1.46E-06	21.5288	21.5288	6.62E-06	12.3481	12.3481	0.999076	1.00029	1.00029
cg11518945	C13orf31;C13orf31;C13orf31;CCDC122	3.64E-06	0.540113	0.754812	-1.32483	3.60E-05	37.058	37.058	2.83E-05	41.8196	41.8196	1.85E-05	52.2296	52.2296	0.528814	0.74873	-1.33559
cg07898303	C13orf31;C13orf31;CCDC122	2.28E-05	0.00723419	0.484203	-2.06525	0.00327736	2.31322	2.31322	0.000810364	2.87823	2.87823	0.000243877	3.55765	3.55765	0.0239431	0.569059	-1.75729
cg00423124	C13orf31;C13orf31;CCDC122;C13orf31	7.53E-06	0.789111	1.06018	1.06018	1.02E-05	7.85632	7.85632	4.42E-05	5.40573	5.40573	0.323546	1.24889	1.24889	0.274431	1.28131	1.28131
cg19180546	C13orf31;C13orf31;CCDC122;C13orf31	2.70E-05	0.766676	1.12346	1.12346	8.98E-05	15.5092	15.5092	0.000133017	13.3514	13.3514	0.911277	0.957331	-1.04457	0.664888	1.1859	1.1859
cg27366862	C13orf31;C13orf31;CCDC122;C13orf31	4.46E-05	0.616208	0.831297	-1.20294	0.000258584	9.00826	9.00826	0.000445492	7.5835	7.5835	0.611106	1.20622	1.20622	0.532852	1.2598	1.2598
cg00146695	C13orf31;C13orf31;CCDC122;C13orf31	0.00020623	0.423749	0.743978	-1.34413	0.000192028	9.7149	9.7149	0.00042425	7.54433	7.54433	0.193474	1.64558	1.64558	0.821233	0.921341	-1.08537
cg23483707	C13orf31;C13orf31;CCDC122;C13orf31	0.000611394	0.935284	1.03221	1.03221	0.00114337	6.4674	6.4674	0.00183707	5.62492	5.62492	0.403102	1.39652	1.39652	0.669579	0.845727	-1.18241
cg14210620	C13orf31;C13orf31;CCDC122;C13orf31	0.00268892	0.895909	0.865573	-1.1553	0.0235128	21.5235	21.5235	0.0345154	16.2132	16.2132	0.934924	0.913876	-1.09424	0.0105382	0.0251558	-39.7522
cg01411823	C13orf33	0.00653209	0.0616562	1.96299	1.96299	0.0318491	2.23901	2.23901	0.428889	1.29535	1.29535	0.658781	0.867272	-1.15304	0.374401	1.3393	1.3393
cg24690437	C13orf33	0.00727918	0.00594072	2.98768	2.98768	0.0508216	1.96774	1.96774	0.075729	1.82465	1.82465	0.599454	0.851102	-1.17495	0.453245	0.792595	-1.26168
cg11904430	C13orf33	0.00756449	0.523237	1.15282	1.15282	0.002408	0.394863	-2.53252	0.010918	0.495446	-2.01838	0.0288439	0.567487	-1.76215	0.112373	1.46221	1.46221
cg00367615	C13orf33	0.00868418	0.0264428	3.22293	3.22293	0.00194936	7.0164	7.0164	0.0580138	2.59309	2.59309	0.442845	1.41615	1.41615	0.0484327	2.72563	2.72563
cg00570269	C13orf33	0.00934171	0.038117	2.39012	2.39012	0.0025499	4.56074	4.56074	0.306593	1.46772	1.46772	0.809289	1.09161	1.09161	0.541088	1.25143	1.25143
cg10763483	C13orf33	0.0228085	0.189784	1.44359	1.44359	0.164815	1.47954	1.47954	0.696362	0.901523	-1.10923	0.026287	0.498242	-2.00706	0.31715	0.760819	-1.31437
cg08756033	C13orf33	0.0318286	0.0150796	2.9768	2.9768	0.0216942	2.73617	2.73617	0.399403	1.37036	1.37036	0.95721	1.01979	1.01979	0.298584	0.674691	-1.48216
cg19863655	C13orf33	0.0368851	0.0318723	14.5469	14.5469	0.0312873	14.7269	14.7269	0.14039	5.41117	5.41117	0.134377	5.57602	5.57602	0.104684	6.60554	6.60554
cg02626129	C13orf33;C13orf33	0.0257415	0.05633	12.7525	12.7525	0.0604431	12.1112	12.1112	0.197032	4.98594	4.98594	0.279863	3.75604	3.75604	0.125129	7.0673	7.0673
cg24891133	C13orf33;C13orf33	0.0323388	0.0252117	19.9494	19.9494	0.291805	3.42149	3.42149	0.121908	6.58987	6.58987	0.0787849	8.98249	8.98249	0.0576132	11.1846	11.1846
cg01431559	C13orf34	0.0020561	0.0130895	0.564078	-1.7728	0.00141615	0.423433	-2.36165	0.00403824	0.487528	-2.05116	0.278994	0.811069	-1.23294	0.000212589	0.316239	-3.16216
cg02748536	C13orf34	0.0110455	0.581703	0.844464	-1.18418	0.0105806	0.376464	-2.65629	0.00394282	0.307797	-3.24889	0.663639	0.875508	-1.14219	0.0460728	0.499316	-2.00274
cg20260570	C13orf34;C13orf37	0.00090802	0.898161	1.01892	1.01892	0.540507	1.09494	1.09494	0.0204059	0.66427	-1.50541	0.585178	0.922489	-1.08402	0.0403367	1.41436	1.41436
cg04171565	C13orf34;C13orf37;C13orf34	0.0285924	0.00293102	0.187584	-5.33096	0.870532	0.935383	-1.06908	0.834079	0.917684	-1.0897	0.00242433	0.177429	-5.63606	0.491417	0.751111	-1.33136
cg10706989	C13orf34;C13orf37;C13orf34	0.0364544	0.967662	0.977958	-1.02254	0.366002	1.66988	1.66988	0.250999	1.94234	1.94234	0.114578	2.60109	2.60109	0.151577	0.425789	-2.34858
cg12171771	C13orf35	5.64E-05	0.00399427	0.605523	-1.65147	0.25841	1.1652	1.1652	0.00445975	0.611533	-1.63524	2.69E-06	0.231434	-4.32089	2.11E-05	0.329179	-3.03786
cg25099892	C13orf35	0.00011848	0.000723858	0.306905	-3.25834	0.00267913	0.385401	-2.5947	0.000418785	0.276666	-3.61446	0.000271794	0.253863	-3.93914	0.00219898	0.372989	-2.68105
cg26938159	C13orf35	0.00135529	0.000829858	0.0941061	-10.6263	0.00303353	0.148455	-6.73605	0.00312514	0.14993	-6.66976	0.0221399	0.275776	-3.62613	0.00282441	0.144958	-6.89855
cg21079646	C13orf35	0.00333997	0.0443655	0.648716	-1.54151	0.0442387	0.6485	-1.54202	0.110982	0.722239	-1.38458	0.0950418	0.709097	-1.41025	8.86E-05	0.268313	-3.72699
cg20783453	C13orf35	0.0131575	0.0252139	0.54612	-1.8311	0.0499192	0.601568	-1.66232	0.00303295	0.39722	-2.5175	0.0999814	0.663873	-1.50631	0.0171213	0.51662	-1.93566
cg08990474	C13orf35	0.0145819	0.37629	1.25477	1.25477	0.0503992	0.572671	-1.7462	0.00196868	0.335107	-2.98412	0.53804	1.16865	1.16865	0.00614514	0.409193	-2.44384
cg17811919	C13orf35	0.0400679	0.076328	0.76619	-1.30516	0.261739	0.853794	-1.17124	0.0055116	0.610942	-1.63682	0.829456	1.02956	1.02956	0.336942	0.874842	-1.14306
cg10125399	C13orf35	0.045424	0.062364	0.465384	-2.14876	0.400778	0.730816	-1.36833	0.054485	0.451356	-2.21555	0.27072	0.65828	-1.51911	0.0118589	0.318097	-3.1437
cg22032900	C13orf35;C13orf35	0.0201921	0.274765	0.678115	-1.47468	0.0157209	0.363522	-2.75086	0.0490798	0.463954	-2.15539	0.00608531	0.293973	-3.40167	0.00180885	0.21948	-4.55622

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04937596	0.0453102	0.639929	-1.56267	0.00326677	0.458627	-2.18042	0.00358622	0.464505	-2.15283	0.0918885	1.4344	1.4344	5.57863	3.33917	0.532058	1
cg14110969	0.0862871	0.599178	-1.66895	0.00150695	0.290604	-3.44111	0.122768	0.636395	-1.57135	0.850632	1.05227	1.05227	4.65308	5.38315	1.02836	1
cg16318994	0.123125	0.6191	-1.61525	0.0214441	0.452364	-2.21061	0.667285	1.13218	1.13218	0.0928551	0.588134	-1.70029	4.48566	5.85447	1.16014	1
cg19560014	0.837682	1.04233	1.04233	0.000464588	0.328653	-3.04272	0.000695574	2.8453	2.8453	0.969923	0.992409	-1.00765	13.1667	8.51722	0.575	1
cg20755748	0.737362	1.14053	1.14053	0.00167315	0.172765	-5.7882	0.61663	1.21799	1.21799	0.372378	0.699214	-1.43018	5.09871	12.3259	2.14884	1
cg22022442	0.439319	0.669279	-1.49415	0.000114568	0.0318819	-31.3658	0.0271187	0.264009	-3.78775	0.00603968	0.161071	-6.20844	9.21517	37.828	3.64886	1
cg11649679	0.0385017	0.52136	-1.91806	0.000674484	0.24355	-4.10593	0.000351058	0.210009	-4.76171	0.0200186	0.466482	-2.14371	11.3248	13.2383	1.03908	1
cg05705035	0.461959	0.951547	-1.05092	0.214339	1.09057	1.09057	0.0111128	0.809663	-1.23508	0.123707	1.11693	1.11693	9.92641	0.691539	0.0619259	1
cg02342494	0.0181478	0.688341	-1.45277	0.00141502	0.548039	-1.82469	0.629324	0.938648	-1.06536	0.0119834	1.5039	1.5039	7.85352	2.10788	0.238578	1
cg23311790	0.00960492	0.799919	-1.25013	0.701999	1.02652	1.02652	0.663173	1.03029	1.03029	0.758191	0.979193	-1.02125	6.73646	0.494692	0.0652756	1
cg14437324	0.00360439	2.19331	2.19331	0.852873	0.963675	-1.03769	0.387539	0.838181	-1.19306	0.117654	0.712711	-1.40309	5.35188	3.367	0.559223	1
cg08647727	0.00638593	0.400727	-2.49547	0.0260141	0.506236	-1.97536	0.0882192	0.61586	-1.62375	0.846844	1.05109	1.05109	4.67461	4.91551	0.934696	1
cg15903784	0.899572	0.974089	-1.0266	0.000209069	0.275316	-3.63218	0.523934	1.14372	1.14372	0.334411	1.22998	1.22998	7.12124	4.87595	0.608626	1
cg24790764	0.037459	0.345541	-2.89401	0.0037412	0.178542	-5.60092	0.679266	0.832778	-1.2008	0.0150505	0.268447	-3.72513	5.71449	17.5312	2.72697	1
cg09922117	0.238593	0.81792	-1.22261	0.0591484	0.706841	-1.41475	0.520971	1.11175	1.11175	0.839362	1.0336	1.0336	5.02515	2.11024	0.373277	1
cg17344080	0.0257918	0.500006	-1.99998	0.000129276	0.175236	-5.70658	0.1802	0.688927	-1.45153	0.0101365	0.427766	-2.33773	14.7421	16.0057	0.965076	1
cg04614923	0.0403644	0.480297	-2.08205	0.065652	0.527418	-1.89603	0.923421	1.03022	1.03022	0.00836866	0.352266	-2.83876	11.0074	16.72	1.3502	1
cg26311666	0.116491	0.691115	-1.44694	0.714797	0.923582	-1.08274	0.690793	1.09047	1.09047	0.0980597	0.674975	-1.48154	6.29051	4.67444	0.660527	1
cg12586908	0.658552	0.889186	-1.12462	0.673474	1.11843	1.11843	0.32073	1.3112	1.3112	0.0528118	0.559182	-1.78833	3.98089	4.39714	0.981833	1
cg26459229	0.000545077	0.415064	-2.40927	0.029551	0.657495	-1.52092	0.0352375	0.669408	-1.49386	0.0250116	0.646359	-1.54713	9.1083	3.86359	0.377052	1
cg26940261	0.5814	1.10931	1.10931	0.00140435	0.422445	-2.36717	0.00883287	0.537407	-1.86079	0.440636	0.863729	-1.15777	7.1617	3.93634	0.488567	1
cg25674709	0.0191511	0.76897	-1.30044	0.226665	0.88902	-1.12483	0.269798	1.11237	1.11237	0.39863	1.08338	1.08338	5.02292	0.683191	0.120902	1
cg21768899	0.402737	0.795632	-1.25686	0.344431	0.771053	-1.29693	0.0367123	0.523116	-1.91162	0.816208	0.939734	-1.06413	5.71597	6.45266	1.00345	1
cg19351533	0.303977	0.808273	-1.23721	0.0111065	1.88996	1.88996	0.0657591	1.51108	1.51108	0.337809	0.820731	-1.21843	10.394	6.58033	0.562748	1
cg03428247	0.722476	0.952614	-1.04974	0.00114022	0.521349	-1.9181	0.0878138	0.773762	-1.29239	0.227651	1.18816	1.18816	4.47911	1.31466	0.260897	1
cg25605408	0.912764	0.991783	-1.00828	0.000471063	1.51233	1.51233	0.853753	1.01399	1.01399	0.153502	1.12194	1.12194	4.37841	0.393042	0.0797939	1
cg02042936	0.0604758	0.400007	-2.49996	0.0606356	0.400291	-2.49818	0.10154	2.17265	2.17265	0.0864681	0.44056	-2.26984	4.35852	12.9325	2.6375	1
cg02068160	0.14396	0.655852	-1.52473	0.139142	1.53376	1.53376	0.0152008	2.22818	2.22818	0.0114746	2.33921	2.33921	4.28106	4.89531	1.01643	1
cg06099459	0.0265629	1.36999	1.36999	0.00530345	1.55272	1.55272	0.620002	0.941901	-1.06168	0.6727	0.950391	-1.0522	11.8347	2.68772	0.201872	1
cg15460816	0.300142	1.2659	1.2659	0.123016	1.44327	1.44327	0.630352	1.11235	1.11235	0.0197275	0.538815	-1.85592	7.00753	5.3518	0.678864	1
cg13614181	0.565696	1.53195	1.53195	0.00403043	17.0758	17.0758	0.0139512	9.30633	9.30633	0.0576237	4.84095	4.84095	3.73236	31.8983	7.59682	1
cg26094185	0.328312	0.789679	-1.26634	0.0118058	0.479101	-2.08724	0.743581	1.07985	1.07985	0.838554	1.0489	1.0489	8.69775	7.54464	0.771044	1
cg15511286	0.00395134	0.207823	-4.8118	4.17E-05	0.0423308	-23.6234	0.159236	0.543534	-1.83981	0.000663402	0.120952	-8.26777	16.0272	41.6894	2.31214	1
cg22102391	0.822564	1.032	1.032	0.0279216	1.43945	1.43945	0.809185	0.966645	-1.03451	0.328424	1.15194	1.15194	11.7682	3.66495	0.276825	1
cg21308062	0.106558	0.584445	-1.71103	0.000111392	0.126038	-7.93411	0.0885155	0.563983	-1.7731	0.00277908	0.284489	-3.51508	11.3794	16.7419	1.30778	1
cg09166410	0.057377	0.351319	-2.84642	0.000877075	0.088226	-11.3345	0.87942	0.928788	-1.07667	0.00773505	0.189221	-5.28483	8.94384	33.5444	3.33383	1
cg27528242	0.865751	1.01838	1.01838	0.816884	0.975346	-1.02528	0.371467	0.905958	-1.1038	0.671658	0.95515	-1.04696	7.02792	1.28927	0.163067	1
cg06780726	0.40913	0.701494	-1.42553	0.00120553	0.136504	-7.32577	0.0941748	0.46171	-2.16586	0.0246191	0.324958	-3.07732	6.7933	18.9764	2.48303	1
cg04752989	0.236611	0.529495	-1.88859	0.000483711	0.0604538	-16.5416	0.92935	0.955548	-1.04652	0.0386247	0.292809	-3.41519	6.07029	25.2762	3.70126	1
cg03237405	0.7497	1.05238	1.05238	0.0294111	1.50554	1.50554	0.0063683	0.567582	-1.76186	0.232352	0.818917	-1.22112	4.89719	1.9732	0.358156	1
cg03299636	0.722341	0.86985	-1.14962	0.00189503	0.17901	-5.58628	0.803641	0.907229	-1.10226	0.0423021	0.400897	-2.4944	4.87726	11.7976	2.15014	1
cg14384178	0.0623202	1.88211	1.88211	0.20237	1.5003	1.5003	0.302599	1.37968	1.37968	0.00149858	0.251739	-3.97237	4.39087	6.31708	1.27883	1
cg14294077	0.037704	0.439734	-2.2741	0.0028	0.245618	-4.07137	0.214142	0.640309	-1.56175	0.0304734	0.420299	-2.37926	3.76382	6.92552	1.63557	1
cg02318549	0.0513045	0.453673	-2.20423	0.00183995	0.20688	-4.83371	0.639145	1.18319	1.18319	0.68916	0.866572	-1.15397	3.51273	7.05775	1.78595	1
cg16877615	0.00946208	0.36781	-2.71879	0.0810112	1.80119	1.80119	0.3905	0.76519	-1.30686	0.445064	0.789158	-1.26717	3.39522	4.97478	1.30243	1
cg20864734	0.808794	1.01957	1.01957	0.00467077	1.35076	1.35076	0.143972	0.882066	-1.1337	3.12E-06	0.412748	-2.42279	40.32	4.08066	0.0899615	1
cg15161047	0.000252571	0.196857	-5.07983	0.00208539	0.31132	-3.21213	0.0143497	2.25508	2.25508	0.0201531	0.47002	-2.12757	10.2992	11.8377	1.02167	1
cg19077761	0.725489	0.934902	-1.06963	0.000764809	2.64692	2.64692	0.655864	0.917923	-1.08942	0.00139812	0.413188	-2.42021	7.57906	4.37635	0.513268	1
cg14973892	0.0281931	0.227366	-4.3982	0.00543267	0.123594	-8.09103	0.118813	0.37998	-2.63172	0.0245575	0.216401	-4.62105	6.04238	31.2601	4.59865	1
cg08378598	0.0679956	1.44617	1.44617	0.0710612	0.694918	-1.43902	0.56739	1.10997	1.10997	0.00263774	2.11946	2.11946	5.25788	2.71285	0.458629	1
cg03135713	0.0938785	1.67298	1.67298	0.544999	1.18664	1.18664	0.033876	1.99762	1.99762	0.696448	0.896264	-1.11574	4.8271	5.96598	1.09861	1
cg11727592	0.475346	0.741347	-1.3489	0.538662	0.773626	-1.29261	0.078923	2.23535	2.23535	0.0383307	0.371727	-2.69014	3.88303	10.4545	2.39321	1
cg03643433	0.996327	1.00103	1.00103	0.0129809	1.99475	1.99475	0.147935	1.41575	1.41575	0.854499	1.04197	1.04197	3.52877	2.80362	0.706226	1
cg11805587	0.827789	1.0309	1.0309	0.000143856	0.400548	-2.49658	0.968274	0.99446	-1.00557	0.000379726	0.452513	-2.20988	15.2971	4.72676	0.274664	1
cg13236166	0.947565	1.01436	1.01436	9.98E-05	0.22393	-4.46568	0.520265	1.15176	1.15176	0.00694312	0.468949	-2.13243	12.427	9.25025	0.661659	1
cg19695599	0.110417	1.2575	1.2575	0.0162022	0.678847	-1.47309	0.427632	1.11257	1.11257	0.868934	0.978483	-1.02199	4.85913	1.33504	0.24422	1
cg11243656	0.0455085	0.527737	-1.89488	0.667057	1.12819	1.12819	0.0393645	1.94306	1.94306	0.600088	1.15885	1.15885	4.57206	5.6237	1.09335	1
cg25446577	0.0550812	0.74885	-1.33538	0.511903	0.915342	-1.09249	0.0108325	0.653424	-1.5304	0.0265221	0.704897	-1.41865	9.6186	2.69369	0.248934	1
cg03195269	0.709716	0.926211	-1.07967	0.0261885	0.582311	-1.7173	0.640255	1.1013	1.1013	0.273804	1.26296	1.26296	4.42213	2.94339	0.591649	1
cg26095546	0.00174445	0.564897	-1.77023	0.000125779	0.425477	-2.3503	0.0175161	0.690745	-1.44771	0.00606367	0.632173	-1.58185	32.68	8.47492	0.230516	1
cg05721478	0.113735	0.822021	-1.21651	0.00422847	0.646506	-1.54677	0.133189	1.20262	1.20262	0.0306409	0.748834	-1.33541	7.08891	1.45631	0.18261	1
cg05926266	0.0586049	2.57249	2.57249	0.0105586	4.25583	4.25583	0.405199	1.44889	1.44889	0.532651	0.759767	-1.31619	5.35141	15.6192	2.27011	1
cg22950347	0.0464548	0.694083	-1.44075	0.965378	1.00697	1.00697	0.448368	1.13168	1.13168	0.186891	1.25107	1.25107	4.72979	1.92029	0.360887	1
cg13511620	0.00101792	0.141051	-7.08964	0.13122	0.519415	-1.92524	0.4854	1.32972	1.32972	0.381607	1.43437	1.43437	4.28757	10.9731	2.27492	1
cg12415720	0.00311644	0.34325	-2.91333	0.0151633	0.454288	-2.20125	0.0108983	0.429422	-2.32871	0.0484336	0.550814	-1.8155	5.65101	6.2605	0.98476	1
cg24856064	0.384095	1.1298	1.1298	0.00889217	0.634283	-1.57658	5.42E-07	6.70127	6.70127	0.00826651	1.58698	1.58698	29.6528	8.78269	0.263274	1
cg05888037	0.238482	0.56976	-1.75513	0.00981332	0.225962	-4.42553	0.145982	0.491074	-2.03635	0.260021	0.585482	-1.70799	5.49124	18.0546	2.92256	1
cg00632070	0.499368	0.763338	-1.31004	0.0172804	0.319139	-3.13344	0.456037	0.741569	-1.34849	0.176047	0.567474	-1.7622	5.1436	12.6357	2.18364	1
cg20705908	0.146684	0.604056	-1.65548	1.01E-05	0.0466964	-21.4149	0.289808	0.700796	-1.42695	0.000512955	0.172905	-5.78353	16.3362	27.0942	1.47425	1
cg18212591	0.161142	0.859972	-1.16283	0.000154886	0.52036	-1.92175	0.118313	0.842882	-1.18641	0.0168732	1.34157	1.34157	9.11008	1.46598	0.143039	1
cg04015777	0.671383	0.862428	-1.15952	0.150624	1.70624	1.70624	0.000177583	9.05577	9.05577	0.490608	1.27487	1.27487	8.93199	17.0159	1.69338	1
cg13221899	0.902781	1.03469	1.03469	0.00235111	3.26863	3.26863	0.0543497	1.83897	1.83897	0.121438	0.625923	-1.59764	4.11444	5.07362	1.09611	1
cg20956131	0.590698	0.775807	-1.28898	0.740684	1.16799	1.16799	0.29914	1.65389	1.65389	0.288945	1.67309	1.67309	3.70681	12.8335	3.07747	1
cg04107005	0.38825	1.17685	1.17685	0.00697184	1.90168	1.90168	0.232512	0.794089	-1.2593	7.16E-06	0.161066	-6.20862	41.0307	22.0372	0.477413	1
cg23541676	0.000553422	0.356683	-2.80361	6.45E-05	0.243653	-4.1042	0.113125	0.717772	-1.3932	0.000164597	0.290725	-3.43968	28.9512	16.9587	0.520684	1
cg03625684	0.000747595	0.367638	-2.72007	0.352155	0.829219	-1.20595	0.580303	1.11543	1.11543	0.000123956	0.270111	-3.70219	16.6324	10.0773	0.538563	1
cg19002027	0.262908	0.722055	-1.38494	0.425334	0.796814	-1.255	0.00411332	0.341698	-2.92656	0.00348932	0.330945	-3.02165	8.68554	10.7079	1.09586	1
cg14591352	0.149665	0.472591	-2.11599	0.0185203	0.250122	-3.99805	0.214074	0.530073	-1.88653	0.00117381	0.0991874	-10.0819	6.32064	23.5691	3.31459	1
cg21624282	0.0399809	0.206337	-4.84643	0.00447817	0.0804781	-12.4257	0.0139008	0.132606	-7.54111	0.0614574	0.246425	-4.05804	3.85209	26.9648	6.22227	1
cg22790835	0.0123478	0.629884	-1.58759	5.24E-07	0.125753	-7.95211	7.54E-06	0.232006	-4.31023	0.00908049	0.611459	-1.63543	37.7291	13.1548	0.309924	1
cg15703035	0.0431941	0.634344	-1.57643	2.61E-06	0.108808	-9.19051	1.09E-05	0.159901	-6.25385	0.00251026	0.439826	-2.27363	33.3013	20.1977	0.539124	1
cg13698168	0.0490274	0.490721	-2.03782	4.80E-05	0.0885268	-11.296	0.000272561	0.151115	-6.61749	0.0251554	0.43017	-2.32466	14.0853	22.3854	1.41269	1
cg03757805	0.0944154	0.477112	-2.09594	0.00794863	0.254179	-3.93423	0.0279402	0.351564	-2.84443	0.0672134	0.437981	-2.2832	13.192	33.8467	2.28062	1
cg16032841	0.00766247	0.234884	-4.25741	0.00019017	0.0700462	-14.2763	0.00595124	0.218687	-4.57275	0.0160948	0.28798	-3.47246	10.4269	29.5023	2.51505	1
cg22131172	0.354784	0.699756	-1.42907	0.000206225	0.0971775	-10.2905	0.00706119	0.270953	-3.69067	0.60986	0.824473	-1.2129	7.41906	16.5274	1.98018	1
cg05348852	0.0732725	0.394097	-2.53745	0.000213273	0.0559366	-17.8774	0.0363109	0.321543	-3.11	0.0950658	0.425238	-2.35163	6.44631	22.1888	3.05964	1
cg04513422	0.01436	0.185066	-5.40349	0.00426534	0.117967	-8.47692	0.00393567	0.114351	-8.74504	0.044123	0.274519	-3.64273	6.39793	31.66	4.39864	1
cg13531120	0.177018	0.545322	-1.83378	0.00127866	0.137413	-7.27732	0.0391917	0.364792	-2.74129	0.363495	0.673916	-1.48387	4.15635	11.7553	2.51402	1
cg18860329	9.12E-05	0.298439	-3.35077	0.251668	1.23012	1.23012	0.220293	0.80021	-1.24967	0.000277048	0.357298	-2.79879	14.1878	6.72071	0.421063	1
cg18877294	0.674307	0.916232	-1.09143	0.153623	1.37193	1.37193	0.100449	0.689028	-1.45132	0.30961	1.24313	1.24313	12.2501	8.31217	0.603144	1
cg26529044	0.0353752	0.248905	-4.0176	0.00531717	0.124346	-8.04207	0.0187599	0.198596	-5.03534	0.0374246	0.253905	-3.93849	5.34395	27.2685	4.53572	1
cg08787791	0.700214	1.10544	1.10544	0.161494	0.678824	-1.47314	0.18086	0.692041	-1.445	0.0202652	0.48422	-2.06518	10.503	11.1668	0.945063	1
cg13237945	0.272589	1.46868	1.46868	0.401655	0.749067	-1.33499	0.0373331	0.443349	-2.25556	0.0135792	0.357734	-2.79537	8.13055	14.5892	1.59499	1
cg21566278	0.289012	1.24533	1.24533	0.432898	1.17296	1.17296	0.188876	1.3198	1.3198	0.0644935	0.660999	-1.51286	4.4358	2.79156	0.559399	1
cg27222172	0.875182	1.04022	1.04022	4.34E-08	124.492	124.492	6.20E-07	30.865	30.865	0.449872	1.21307	1.21307	90.1409	89.8365	0.885887	1
cg11518945	0.701464	0.839723	-1.19087	4.95E-07	592.455	592.455	3.37E-06	144.114	144.114	0.513665	0.740528	-1.35039	52.675	171.586	2.89551	1
cg07898303	0.000866034	2.84669	2.84669	3.60E-06	9.7093	9.7093	7.56E-05	4.49383	4.49383	0.0401754	0.608863	-1.64241	32.7222	22.6959	0.616529	1
cg00423124	0.354802	1.23059	1.23059	1.74E-07	33.4704	33.4704	0.0074281	2.12039	2.12039	0.584834	1.12779	1.12779	43.6713	32.864	0.668917	1
cg19180546	0.451726	0.740856	-1.34979	6.40E-07	205.714	205.714	0.00886595	3.68084	3.68084	0.864201	1.06926	1.06926	31.3217	75.9211	2.15459	1
cg27366862	0.868559	0.941242	-1.06243	7.14E-07	135.43	135.43	0.0329965	2.48837	2.48837	0.369841	1.40034	1.40034	27.4407	58.0949	1.88187	1
cg00146695	0.29165	1.48598	1.48598	7.74E-06	34.886	34.886	0.0439031	2.31241	2.31241	0.476532	1.29957	1.29957	18.219	37.8096	1.8447	1
cg23483707	0.8998	0.952018	-1.0504	1.56E-05	32.6038	32.6038	0.827432	1.08896	1.08896	0.621798	1.21421	1.21421	13.5128	32.6083	2.14502	1
cg14210620	0.259763	0.271206	-3.68724	0.000187378	1989.27	1989.27	0.0125013	34.7849	34.7849	0.200708	4.49526	4.49526	10.4474	196.995	14.6657	1
cg01411823	0.00807646	2.96559	2.96559	0.00438495	3.38423	3.38423	0.000861662	4.96864	4.96864	0.00420901	3.41502	3.41502	6.75904	10.9913	1.44547	1
cg24690437	0.00356506	3.32411	3.32411	0.179858	1.54241	1.54241	0.00118268	4.25046	4.25046	0.0206004	2.33588	2.33588	6.53484	9.57903	1.30297	1
cg11904430	0.474878	1.1732	1.1732	0.0124314	1.98143	1.98143	0.657223	0.906494	-1.10315	0.299995	1.2663	1.2663	6.45666	4.94101	0.680229	1
cg00367615	0.00788424	4.55267	4.55267	0.00116683	8.32895	8.32895	0.0228294	3.35785	3.35785	0.0909489	2.28885	2.28885	6.18196	19.3612	2.7839	1
cg00570269	0.0139764	3.00538	3.00538	0.000639523	6.68805	6.68805	0.0344043	2.44601	2.44601	0.160914	1.72094	1.72094	6.04042	12.5721	1.85006	1
cg10763483	0.295033	1.33252	1.33252	0.0196847	0.47484	-2.10597	0.012285	2.28047	2.28047	0.0971061	1.61825	1.61825	4.4978	4.97794	0.983779	1
cg08756033	0.0234567	2.68749	2.68749	0.725184	1.13758	1.13758	0.013197	3.07125	3.07125	0.031062	2.52035	2.52035	4.00156	8.45337	1.87779	1
cg19863655	0.0341056	13.9078	13.9078	0.015964	23.1248	23.1248	0.0078764	37.6837	37.6837	0.0242494	17.4512	17.4512	3.79416	68.1	15.9543	1
cg02626129	0.0592838	12.2842	12.2842	0.00664157	63.4203	63.4203	0.00393043	96.6517	96.6517	0.00928123	48.8424	48.8424	4.31309	94.7945	19.5363	1
cg24891133	0.0310348	17.2367	17.2367	0.00939737	40.5721	40.5721	0.00795765	45.89	45.89	0.0211029	22.624	22.624	3.97884	79.6965	17.8045	1
cg01431559	0.0126902	0.561987	-1.7794	0.0018593	0.43975	-2.27402	0.593037	0.904511	-1.10557	0.0338171	0.630636	-1.5857	9.56445	5.24284	0.487253	1
cg02748536	0.0707581	0.541462	-1.84685	0.00128681	0.240377	-4.16013	0.696903	1.12629	1.12629	0.0259815	0.448006	-2.23211	5.7249	8.37007	1.2996	1
cg20260570	0.0624181	1.35932	1.35932	0.642529	1.07082	1.07082	1.49E-05	3.72667	3.72667	0.651864	1.06874	1.06874	12.0924	4.10332	0.301628	1
cg04171565	0.551038	0.78112	-1.28021	0.538519	1.2905	1.2905	0.802308	0.902367	-1.1082	0.589219	1.25014	1.25014	4.15697	11.0418	2.36107	1
cg10706989	0.866562	1.09688	1.09688	0.00393625	0.106576	-9.38294	0.0333127	4.0626	4.0626	0.564518	1.37818	1.37818	4.1725	19.5552	3.6452	1
cg12171771	0.0439358	0.74067	-1.35013	0.154443	1.21851	1.21851	0.982538	1.00284	1.00284	0.066745	0.766046	-1.3054	25.7906	6.86664	0.236663	1
cg25099892	0.000795367	0.312264	-3.20241	5.03E-06	0.091839	-10.8886	0.00580209	0.435999	-2.29358	0.0121893	0.487946	-2.04941	21.1573	17.6829	0.74292	1
cg26938159	0.0101947	0.218441	-4.5779	0.000155928	0.0478259	-20.9092	0.0365546	0.319527	-3.12963	0.0090069	0.210279	-4.75559	10.7895	37.6804	3.10427	1
cg21079646	0.682126	1.08023	1.08023	0.0371192	1.57385	1.57385	0.344564	0.83323	-1.20015	0.785491	0.95016	-1.05245	8.28895	4.61027	0.494395	1
cg20783453	0.0575957	0.613838	-1.62909	0.0509177	0.603252	-1.65768	0.0617101	0.619852	-1.61329	0.00153049	0.354667	-2.81955	5.40883	4.42509	0.727222	1
cg08990474	0.0155831	0.476474	-2.09875	0.662542	0.896047	-1.11601	0.592804	1.14446	1.14446	0.837349	0.949917	-1.05272	5.2293	5.17463	0.879596	1
cg17811919	0.00350952	0.585808	-1.70704	0.0883778	0.775746	-1.28908	0.220534	0.840329	-1.19001	0.720685	0.952666	-1.04969	3.68084	1.06343	0.256808	1
cg10125399	0.0391071	0.418702	-2.38833	0.0237061	0.373602	-2.67664	0.0317209	0.399273	-2.50455	0.0174204	0.34801	-2.87348	3.51316	7.39731	1.87164	1
cg22032900	0.0256719	0.404157	-2.47429	0.574095	0.823558	-1.21424	0.283623	0.683319	-1.46345	0.384472	0.737258	-1.35638	4.6893	8.67841	1.64505	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(237 vs. N)	Fold-Change(1-vs-237 vs. N)	p-value(347 vs. N)	Fold-Change(1-vs-347 vs. N)	p-value(477 vs. N)	Fold-Change(1-vs-477 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537 vs. N)	Fold-Change(1-vs-537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-5637 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error)
cg12807911	C1orf36	0.000345225	0.917913	0.968564	-1.03246	0.01494302	2.52785	2.52785	0.132137	1.65448	1.65448	0.955623	0.982906	-1.01739	0.00544393	0.132025	0.10535	0.00350922	0.353307	-2.8304	1.02E-05	0.0534496	-18.7092	0.263264	1.43525	1.43525	0.230585	0.677284	-1.47649	15.8289	24.6646	1.35138	1
cg12341822	C1orf36	0.00080845	0.00128043	0.175295	-5.70467	0.02798504	2.61889	2.61889	0.0580689	0.451868	-2.21304	0.135618	1.81561	1.81561	0.000407045	0.123923	0.06951	0.104949	0.518383	-1.92907	0.000261845	0.10803	-9.25667	0.0998853	0.512412	-1.95156	0.0139761	0.324442	-3.08222	12.49951	27.213	1.93591	1
cg25072733	C1orf36	0.00146933	0.0218565	4.33322	4.33322	0.00022228	26.4517	26.4517	0.96284	1.02514	1.02514	0.659471	1.26659	1.26659	0.00169081	0.0915412	-10.924	0.0457245	3.38969	3.38969	0.0141152	0.199017	-5.0247	0.189145	2.09878	2.09878	0.815877	1.13236	1.13236	10.5421	47.422	3.99855	1
cg10044716	C1orf36	0.00180358	0.12375	1.60892	1.60892	0.963185	0.986949	-1.01318	0.470435	0.81102	-1.23302	0.0279789	0.476794	-2.09734	0.00531309	0.350683	-2.85157	0.344492	0.980332	-1.02006	7.31E-05	0.127697	-7.83102	0.0435458	1.93882	1.93882	0.139721	0.635502	-1.57356	9.93605	12.8063	1.14566	1
cg14975160	C1orf36	0.00206722	0.207167	0.653625	-1.52993	0.1296317	1.68773	1.68773	0.48876	0.798667	-1.25209	0.0355059	0.457284	0.928602	-1.07974	0.822603	0.20705	0.84003	0.937436	-1.06674	5.76E-05	0.0921343	-10.8537	0.729278	1.11746	1.11746	0.128289	0.591244	-1.69135	5.94101	15.4542	1.43852	1
cg07157462	C1orf36	0.00257865	0.0828661	0.701009	-1.42652	0.0636263	1.4761	1.4761	0.252391	0.801597	-1.24751	0.690142	0.928507	-1.07694	0.0135056	0.567051	-1.76753	0.00286087	0.46697	-2.14146	0.000215689	0.139105	-3.13373	0.337435	1.20073	1.20073	0.0177971	0.586867	-1.70396	8.95002	4.84992	0.48168	1
cg21121616	C1orf36	0.00592099	0.0462415	3.30163	3.30163	0.0157892	4.6968	4.6968	0.30388	0.572944	-1.74537	0.3591975	1.63744	1.63744	0.00156379	0.0928243	-10.773	0.0358283	3.58711	3.58711	0.0215384	0.236003	-4.23723	0.116542	0.409848	-2.43993	0.84594	0.903259	-1.1071	0.9676	30.1894	3.8514	1
cg04341210	C1orf36	0.0101594	0.0700544	0.548389	-1.82392	0.0972587	1.97852	1.97852	0.681052	0.787454	-1.26992	0.456387	0.587454	1.56992	1.56992	0.00276243	0.0858759	-11.6447	0.0686067	0.197744	-3.19387	0.0019382	0.0684829	-15.751	0.15848	0.556183	-1.79797	0.0249941	0.204798	-4.88307	5.84416	32.7223	6.97702	1
cg01756536	C1orf36	0.0134248	0.201125	1.55993	1.559427	0.2798	2.798	2.798	0.111778	0.5490005	-1.82148	0.417663	1.33212	1.33212	0.0128204	0.338457	-2.95464	0.274234	0.644141	-1.48278	0.00760898	0.304732	-3.28157	0.0391831	0.473666	-2.28485	0.684941	1.15169	1.15169	5.73934	10.2024	1.68773	1
cg18401406	C1orf36	0.013682	0.059894	2.42133	2.42133	0.00268265	5.63255	5.63255	0.159255	1.87128	1.87128	0.276954	1.60163	1.60163	0.0908659	0.460287	-2.17256	0.416333	0.707483	-1.41346	0.13697	0.513086	-1.94899	0.00918177	3.96094	3.96094	0.121678	2.01158	2.01158	5.34003	14.6754	2.44283	1
cg25217100	C1orf36	0.0193161	0.055445	1.99207	1.992071	0.0588811	1.7221	1.7221	0.893012	0.974166	-1.06931	0.744992	1.37539	1.37539	0.0144007	0.263763	-3.79263	0.4665979	1.4462	1.4462	0.0796824	0.0972323	-1.4128	-1.4128	0.0706209	0.0972323	-1.4128	-1.4128	0.154973	1.47624	1.48662	0.49105	1
cg17934871	C1orf36	0.176448	0.175673	1.75673	0.0866176	2.100551	2.100551	0.0123736	3.9068	3.9068	0.238346	1.623024	1.623024	0.2951612	0.0481562	0.345124	-2.89825	0.466189	1.33747	1.33747	0.58954	0.80769	-1.2381	0.00937558	3.6393	3.6393	0.0367471	2.58944	2.58944	3.95974	9.64288	2.16465	1
cg09937509	C1orf36;C1orf36	0.000493476	0.314224	1.21389	1.21389	0.158248	0.515375	1.96586	0.302444	0.830105	1.20462	0.968976	1.00727	1.00727	0.998083	1.00045	1.00045	0.663731	0.921763	-1.08488	0.00120807	0.413637	-2.41758	1.45E-05	5.36142	5.36142	0.0427424	1.922651	1.08383	14.3427	7.87834	0.488261	1
cg14493678	C1orf37;C1orf34	4.29E-08	?	?	?	9.65E-09	0.0302527	-33.0549	0.00124935	1.73983	1.57983	5.30E-07	0.167404	-5.97358	?	?	?	?	?	?	?	?	?	3.51E-07	0.147282	-6.7897	7.75E-06	3.10829	3.10829	640.368	37.4097	0.0701029	1
cg11421702	C1orf37;C1orf34	8.09E-05	3.80E-06	0.19011	-5.26012	0.0499839	0.708393	-1.41065	0.633874	0.928602	-1.07689	0.00339947	0.541623	1.8463	0.00049233	0.428219	-2.36508	0.153412	0.790344	-1.26527	2.20E-05	0.269436	-3.71145	0.718441	0.945796	-1.05731	0.0234536	0.659248	-1.51688	0.42333	8.79254	0.333526	1
cg20105394	C1orf37;C1orf34	0.00373701	0.8932375	0.957478	-1.04441	0.6072862	0.641576	-1.55873	0.871463	1.01865	1.01865	0.153858	0.613712	1.62942	0.724644	0.892917	-1.11993	0.2985	0.948251	-1.05457	0.000306309	0.388127	-2.57648	0.0155432	0.479633	-2.08507	0.152934	0.783167	-1.27683	0.65122	2.70427	0.368867	1
cg08480162	C1orf37;C1orf34	0.0134721	0.00395008	0.609948	-1.63948	0.00344028	0.602491	-1.65978	0.09049007	0.788315	-1.26853	0.0530308	0.755515	-1.3236	0.0579414	0.760834	-1.31435	0.213813	0.846269	-1.18166	0.00295648	0.594327	-1.68257	0.0205901	0.700717	-1.42711	0.146972	0.819976	-1.21955	5.36715	1.38227	0.228927	1
cg03631596	C1orf37;C1orf34	0.0155042	0.640815	1.13264	1.132639	0.2997117	0.79521	-1.26321	0.0110405	0.830795	-1.31153	0.0078256	0.667258	1.49888	0.0002755	0.182702	-5.47333	0.667366	0.901983	-1.10907	0.0013319	0.546951	-1.82832	0.0184005	0.675983	-1.47911	0.398603	0.0769933	1.5987	1.5987	5.12428	4.62026	0.801458	1
cg05380793	C1orf37;C1orf34	0.0463869	0.573432	0.932801	-1.07204	0.8597513	1.02186	1.02186	0.340491	1.12763	1.12763	0.93724	0.989731	-1.01038	0.577841	1.07117	1.07117	0.20076	1.84769	-1.17968	0.00190638	0.584067	-1.71213	0.0417119	0.75046	-1.33252	0.508575	1.08546	1.08546	3.4856	0.825454	0.210505	1
cg26822330	C1orf37;C1orf38;C1orf38;C1orf38;C1orf38;C1orf38;C1orf38;C1orf38;C1orf38;C1orf38;C1orf38;C1orf38	0.00710048	0.136176	0.604491	-1.65428	0.269141	0.697138	-1.43444	0.0589938	0.5125	-1.95122	0.233447	0.675956	-1.47939	0.217996	0.666155	-1.50115	0.0807818	0.544962	-1.83499	0.000131392	0.12488	-8.00769	0.281612	1.42019	1.42019	0.031927	0.460143	-2.17324	6.58577	10.2503	1.3835	1
cg25011746	C1orf38	0.0439879	0.0559257	2.66356	2.663561	0.0229709	-3.4236	0.122157	0.468643	-2.13382	0.0185437	0.27481	-3.63884	0.143639	0.805119	-1.24205	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg04057861	C1orf39	0.00372512	0.0950421	0.693253	-1.44248	0.000522227	0.33954	-2.94516	0.0127976	0.53926	-1.85439	0.416486	0.847172	-1.1804	0.000910752	0.371398	-2.69253	0.00986803	0.521395	-1.91793	0.00255118	0.4334663	-2.307	-1.37754	0.751118	-1.33135	0.089246	0.687797	-1.45392	0.02249	5.06797	0.56153	1
cg12885533	C1orf39	0.00888801	0.107883	0.552346	-1.81046	0.0499753	0.539737	-1.85319	0.0230842	0.647603	-1.54412	0.0756977	0.744074	-1.34412	0.0152926	0.511501	-1.95533	0.0088393	0.319336	-3.1315	0.00184924	0.2137	-4.67937	0.0078151	0.487753	-2.05004	0.0222	0.552837	-1.80958	0.0438953	0.361079	11.2262	1.61162	1
cg05300946	C1orf41	9.28E-05	0.09570737	0.16849	1.16849	0.000142339	1.74753	1.74753	2.36E-05	2.00574	2.00574	0.714607	1.03174	1.03174	0.0224077	0.699372	-1.43005	0.0288166	0.803037	-1.24527	0.0414995	0.2253	1.22153	0.00240692	1.67702	1.67702	0.0033675	1.40433	1.40433	22.5885	2.59019	0.101928	1
cg02166473	C1orf41	0.00101732	0.291707	0.838965	-1.19194	0.39775	1.14908	1.14908	0.950638	0.990113	-1.00999	0.364106	1.16147	1.16147	0.00170269	0.358476	-2.78959	0.00630254	0.564955	-1.77005	0.000682465	0.2999	2.2999	0.0355048	1.4812	1.4812	0.8665581	0.973375	-1.02735	11.7094	4.77683	0.362622	1
cg10376133	C1orf41	0.00371687	0.805057	0.914944	-1.09287	0.0111965	0.538737	-1.85637	0.0116171	0.644074	-1.55272	0.0144706	0.713729	1.40174	-1.83799	0.00223861	0.4467	0.374976	0.726175	-1.3768	0.00158722	0.08885442	-11.2544	0.3804451	0.728967	-1.37181	0.0519786	0.459832	-2.17471	0.00789	0.199	7.73821	1
cg23248842	C1orf101	0.00347775	0.106488	0.711339	-1.4058	0.198864	0.769239	-1.29999	0.128004	1.374033	1.37433	0.236858	1.2706	1.2706	0.0108294	0.538797	-1.85599	0.000134105	0.274454	-3.64359	0.764681	0.944074	-1.05924	0.413121	1.17549	1.17549	0.274846	1.24551	1.24551	4.18542	8.84329	0.525697	1
cg06909956	C1orf101	0.0249153	0.0944958	0.706402	-1.41559	0.0672956	0.802021	-1.24687	0.0172302	0.5526251	0.40043	-2.49843	0.375608	0.887339	-1.12699	0.0127597	0.78351	0.189055	0.63257	-1.58102	0.0001	0.227125	4.4025	0.0001	0.538821	-1.85559	0.08855	0.944394	-1.05899	0.438357	0.321821	1.23705	1.23705	1
cg13682722	C1orf102;C1orf102	0.00026439	0.000211416	0.485636	-2.05915	7.73E-05	0.433944	-2.30444	8.20E-05	0.436985	-2.28841	0.120577	0.821718	-1.21696	0.69291	1.04631	1.04631	0.133447	1.20778	1.20778	0.128267	1.21137	1.21137	0.945129	1.00806	1.00806	0.0504943	0.7710862	-1.29687	17.0308	5.66878	0.191485	1
cg13540852	C1orf102;C1orf102	0.00157066	0.00329792	0.423524	-2.36114	0.00017753	0.249778	-4.00355	0.000446	0.304504	-3.28403	0.361393	0.817615	-1.22307	0.00391423	0.434558	-2.30119	0.0357702	0.591938	-1.68936	0.728048	1.0778	1.0778	0.122873	0.698539	-1.43156	0.0359476	0.59233	-1.68825	0.30415	7.54441	0.648469	1
cg20051966	C1orf102;C1orf102	0.002188	0.687622	0.87102	-1.14841	0.5299307	0.912888	1.01288	0.288469	1.12319	1.12319	0.0114	0.945704	1.54254	0.0001	0.0002	-10.0131	0.0325513	0.623391	-1.6043	8.39E-05	0.2533115	-3.79774	0.570704	0.897561	-1.11413	0.014449	0.76557	1.76557	9.3923	5.2912	0.500761	1
cg12803108	C1orf102;C1orf102	0.00252579	0.00348878	0.308799	-3.23835	0.669468	0.880462	-1.13577	0.359368	0.756241	-1.32233	0.0222843	0.443939	-2.25256	0.00335538	0.306303	-3.26474	0.209353	0.675517	-1.48035	0.0741604	0.554366	-1.80386	0.766479	1.09231	1.09231	0.150525	0.633275	-1.57909	4.3417	6.04381	1.23737	1
cg24072283	C1orf102;C1orf102	0.00958547	0.0534078	1.44661	1.446607	0.0354364	2.48566	1.48866	0.684403	1.18758	1.18758	0.881853	0.939342	-1.06458	0.0179593	0.242402	-4.12376	0.0603074	0.44741	-2.2344	0.0218405	0.300752	-3.32557	0.115579	0.607851	-1.64527	0.0432895	0.332357	-3.00863	0.491775	2.49251	0.49251	1
cg26262840	C1orf102;C1orf102	0.00197358	0.0610099	2.68071	2.68071	0.0245286	2.94906	3.49406	0.138879	2.10431	2.10431	0.0173681	3.868431	3.868431	0.0044259	0.187009	-5.34759	0.0421805	2.98363	2.98363	0.0069473	0.159338	5.19338	0.0414884	2.99798	2.99798	0.0153141	2.81812	2.81812	12.7539	3.07052	1
cg27310761	C1orf102;C1orf102	0.0199438	0.445391	0.789298	-1.26695	0.03710388	2.0879	2.0879	0.03115	2.54771	2.54771	0.260633	0.699869	-1.42884	0.816897	1.07309	1.07309	0.665452	1.14148	1.14148	0.0178844	2.3999	2.3999	0.0200296	2.3481	2.3481	0.353942	1.33654	1.33654	5.68845	5.40438	1.30242	1
cg14060764	C1orf102;C1orf102;C14orf102	0.00442402	0.00394727	0.386604	-2.58639	0.0001736	0.326354	-3.06033	0.0121492	0.515942	-1.93897	0.0240125	0.455573	-2.19503	0.00155405	0.305976	-3.26973	0.000133606	0.147164	-6.79514	0.000362	0.0042111	-23.7509	0.0068207	0.441747	-2.26405	0.0041	0.375629	-2.66255	0.0001	0.0001	-10.0965	7.61428	0.0001	1
cg02151108	C1orf104;C1orf104	6.02E-05	0.00334945	0.542877	-1.84204	0.0200201	0.650848	-1.53646	0.0379624	0.69199	-1.44511	0.0026481	0.88964	1.88964	0.1761	1.2776	1.2776	0.58129	0.918297	-1.08897	0.648739	0.932231	-1.0727	0.280639	0.842316	-1.1872	1.13E-06	0.144299	0.995645	-1.00435	0.113356	0.340478	1
cg29797881	C1orf104;C1orf104	0.00128459	0.1838453	0.734502	-1.36141	0.0001	0.0001	-10.9545	0.0001	0.0001	-10.9545	0.0001	0.0001	-10.9545	0.0001	-10.9545	0.0001	0.0001	0.0001	-10.9545	0.0001	0.0001	-10.9545	0.0001	0.0001	-10.9545	0.0001	0.0001	-10.9545	0.0001	0.0001	-10.9545	0.0001	0.0001	1
cg14886640	C1orf104;C1orf104	0.00170656	0.276139	0.840509	-1.18976	0.000447309	0.427682	-2.33818	6.50E-05	0.324631	-3.08042	0.491646	0.898409	-1.11308	0.0074147	0.589176	-1.69729	0.158688	0.793677	-1.25996	0.941011	0.988713	-1.01142	0.720184	0.946324	-1.05672	0.3317193	0.857617	-1.16602	10.0965	3.76168	0.331176	1
cg10453788	C1orf104;C1orf104	0.00453788	0.0609548	0.757877	-1.31976	0.0885083	0.638403	-1.56641	0.0417894	0.735104	0.57212	-1.74798	0.93915	-1.06494	0.0026043	0.700072	-1.42842	0.00031048	0.456106	-2.19247	0.0001	0.0004733	-21.1838	0.0035906	0.586415	-1.70528	0.0526812	0.742779	-1.3463	7.59437	2.81373	0.256575	1
cg20469764	C1orf105;C1orf105	0.00604616	0.0121509	0.315119	-3.21007	0.71305	0.871243	-1.14779	0.0172203	0.58057	-1.72289	0.0023807	0.295331	0.0424737	0.4182202	-2.39119	0.0201011	0.170267	-5.87311	0.223781	1.61108	0.309441	1.48065	0.0071008	0.273135	-3.6612	0.0159583	0.332535	3.0072	6.92276	15.2657	2.19013	1
cg14102434	C1orf105	0.00778737	0.187941	1.4753	1.4753	0.766258	0.920275	-1.08663	0.165174	0.661937	-1.51072	0.134053	1.5688	1.5688	0.00167647	0.285911	-3.49759	0.181462	1.48489	1.48489	0.00487979	2.82884	2.82884	0.0265458	2.08081	2.08081	0.892753	1.03831	1.03831	6.9881	7.87031	1.09342	1
cg26887716	C1orf106	0.00804085	0.795747	1.1498	1.1498	0.0011396	0.485145	-2.06071	0.331617	0.822411	-1.21642	0.152219	0.760275	-1.31562	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	1
cg18174881	C1orf106	0.00868346	0.0498938	1.46335	1.463335	0.301288	0.19518	-2.19518	0.00263257	0.500042	-1.99983	0.408864	0.868816	-1.15099	0.988182	1.00247	1.00247	0.496329	1.12186	1.12186	0.0333699	1.34479	1.34479	0.0182445	1.6113	1.6113	0.856209	1.03066	1.03066	6.18213	2.71355	0.390165	1
cg07173625	C1orf106;C1orf106	0.00519496	0.3149	1.11802	1.118022	0.00403636	0.661117	-1.51259	0.0475185	0.784561	-1.27492	0.107314	1.20725	1.20725	0.0013586	0.351258	-2.84753	0.0104542	0.613891	-1.62895	0.00374529	0.4539166	-2.20353	0.0016546	0.98013	1.11092	1.11092	0.283451	1.12684	1.12684	7.3533	3.31905	0.163649	1
cg07481275	C1orf106;C1orf109	0.0196637	0.008208293	0.152176	-6.57132	0.0149907	0.271203	-3.68727	0.0020359	0.492691	-2.03009	0.1186	0.8508743	0.357252	-2.79915	0.00574016	0.513129	-7.50646	0.212736	0.416568	-2.40616	0.0059636	-3.15194	-7.3968	0.679852	-1.47131	0.0027969	0.233912	-4.27503	0.0001	0.0001	-10.0965	0.0001	0.0001	1
cg01655008	C1orf109;C1orf109;C1orf109;MOA	0.0281602	?	?	?	0.1175	0.605266	-1.65217	0.142851	0.627991	-1.59238	0.128513	0.615493	-1.62471	0.0307116	0.472461	-2.11658	0.084072	0.568557	-1.75884	0.66824	1.13649	1.13649	0.0017969	0.269312	-3.71317	4.2506	5.2221	1.22856	1
cg23620020	P1 C1orf109;C1orf109;C1orf109;MOA	0.00128315	0.0345298	0.799094	-1.25142	0.000733648	0.626984	-1.59494	0.181192	0.878842	-1.13786	0.00944141	0.741335	-1.34892	0.00234463	0.679533	-1.4716	0.222508	0.889912	-1.12371	0.000478565	0.607334	-1.64654	0.00958672	1.34769	1.34769	0.992279	0.999112	-1.00088	10.9599	1.43679	0.116529	1
cg22817198	P1	0.00396321	0.00346513	0.310247	-3.22324	0.0205284	0.437976	-2.28323	0.272521	0.440572	1.40052	0.00167644	0.26579	-3.76237	0.340399	0.74843	-1.33613	?	?	?	?	?	?	?	0.0296229	1.21811	?	?	0.586672	1.75775	1.17575	8.26324	8.85417	1.22459	1
cg05022301	C1orf109;MOAP1;C14orf109	0.0150904	0.7670998	1.18238	1.18238	0.235719	2.01559	2.01559	0.694579	1.2493	1.2493	0.0884235	2.8872	2.8872	0.00159766	0.0777413	-12.8632	0.633807	0.762847	-1.31088	0.813068	0.874925	-1.14295	0.582173	0.7309227	-1.36812	0.1129013	2.6466	2.6466	3.86352	19.4677	4.47899	1
cg18256432	C1orf115	0.00500209	0.2983231	0.844955	-1.18345	0.2966405	0.5397737	-1.85319	0.0116966	0.6465	-1.54677	0.0184661	0.0010037	0.422094	-2.36914	0.00582723	0.617027	1.64966	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	1
cg04737758	C1orf115	0.00102619	0.74515	0.939059	-1.0649	7.92E-05	0.252796	-3.95576	0.00384572	0.471892	-2.11913	0.130332	1.19406	1.19406	0.0376466	1.59182	1.59182	0.03309796	1.61672	1.61672	0.135383	0.739238	-1.35281	0.0269469	0.6034566	-1.65732	0.0127529	0.5507	-1.81587	11.6806	6.87569	0.523239	1
cg27031214	C1orf115	0.00196667	0.2216501	0.855603	-1.16886	0.1903	0.7242491	-1.38065	0.0254588	0.6905	-1.44841	0.0106585	0.8108685	0.2502588	-3.99063	0.00686254	0.5334152	-2.03653	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	1
cg13244432	C1orf115	0.00226869	0.0879096	0.708436	-1.41156	0.0662772	1.4579	1.4579	0.0202358	0.599037	-1.66935	0.995881	1.00094	1.00094	0.00480897	0.50424	-1.98318	0.218251	1.26746	1.26746	0.00720112	1.88668	1.88668	0.000680701	0.3866092	-2.58603	0.0510797	0.6658896	1.50174	9.29325	4.92985	0.471535	1
cg04855004	C1orf115	0.00317756	0.0455134	0.154053	-1.94533	0.0124829	0.405825	-2.46411	0.0012607	0.25516	-3.9191	0.00604501	0.21858	-4.57499	0.0026776	0.466746	-2.14249	0.0496032	0.522084	-1.9154	0.170151	0.654494	-1.5279	0.00058214	0.213687	-4.67975	0.140113	0.631686	-1.58306	8.41307	11.217	1.18514	1
cg24174941	C1orf115	0.00508373	0.0537233	0.1889	-5.29351	0.0022814	0.2378	-4.20525	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	-10.0965	0.0001	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	-10.0965	0.0001	0.0001	1
cg09835878	C1orf115	0.00548536	0.16813	1.32321	1.32321	0.00184342	2.32383	2.32383	0.896181	1.02521	1.02521	0.662842	0.919755	-1.08725	0.0154173	0.567333	-1.76263	0.27682	1.24069	1.24069	0.00134113	0.411222	-2.43178	0.487563	1.14394	1.14394	0.859168	0.966703	-1.03444	7.13339	4.10743	0.511825	1
cg13802772	C1orf115	0.00563628	0.20332	1.23758	1.23758	0.1239	1.407	1.407	0.0572648	0.710166	-1.40829	0.0104526	0.527	1.89757	0.0491745	0.529327	-1.88946	0.132405	0.849914	-1.1769	0.0034392	0.555631	-1.79888	0.0272566	1.12597	1.12597	0.42402	0.82656	0.82656	0.824749	1	0.824749	1
cg27017993	C1orf115	0.0237481	0.4655303	0.782145	-1.27853	0.0469883	2.58523	3.46593	0.00209791	0.238925	-4.18541	0.0894096	0.538174	-1.85814	0.0615718	0.498261	2.00698	0.5664145	0.824583	-1.21273	0.307795	1.44799	1.78354	0.0146696	2.32519	2.32519	0.137916	1.56622	1.56622	1.4478	4.30707	1.11042	1
cg13240736	C1orf115;C1orf115	0.0477487	0.3840053	1.28488	1.28488	0.1736383	1.50158	1.50158	0.0405172	0.554585	-1.94331	0.374146	0.773983	-1.29202	0.0582199	1.82424	1.82424	0.403132	1.27285	1.27285	0.0662487	1.78354	1.78354	0.0146696	2.32519	2.32519	0.137916	1.56622	1.56622	1.4478	4.30707	1.11042	1
cg18373317	C1orf116	4.82E-06	0.353086	0.6	-1.66667	0.0058258	1.42582	1.42582	0.0014483	1.57174	1.57174	0.366-06	0.371655	-2.69067	2.86E-06	0.332817	3.00466	2.88E-06	0.162806	6.14225	0.0059599	1.06494	1.06494	9.75E-06	2.31557	4.68258	0.924155	1.01557	1.01557	8.78576	21.4355	0.970731	1
cg09241267	C1orf118;C

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16007772	C14orf149;JKAMP;JKAMP	0.013133	0.0161996	0.384728	-2.59924	0.0142404	0.374569	-2.66973	0.857278	0.94321	-1.06021	0.38384	0.748252	-1.33645	0.00387643	0.282692	-3.53742	0.415449	0.763122	-1.31041	0.00291143	0.264803	-3.7764	0.00750446	0.327046	-3.05767	0.196789	0.641966	-1.55772	5.41212	9.04167	1.48501	1
cg23224293	C14orf153	6.04E-05	0.748696	0.943623	-1.05974	0.029388	0.629269	-1.58915	0.00123948	2.34485	2.34485	0.754322	1.05831	1.05831	1.04E-06	0.0994394	-10.0564	0.183149	0.77492	-1.29046	0.281216	1.22409	1.22409	0.53878	0.893728	-1.11891	0.168725	1.30311	1.30311	25.3197	13.0703	0.458853	1
cg22920967	C14orf153	0.00176759	0.175651	0.728033	-1.37356	0.0750751	0.646029	-1.54792	0.0918358	0.664254	-1.50545	0.501862	1.16211	1.16211	3.02E-05	0.165588	-6.0391	0.00524283	0.444129	-2.2516	0.598141	1.12439	1.12439	0.912232	1.0246	1.0246	0.780582	0.940304	-1.06349	9.99429	7.69015	0.68396	1
cg00931925	C14orf153	0.00749764	0.0023633	1.62638	1.62638	0.365375	1.11256	1.11256	0.205715	1.16544	1.16544	0.945083	1.00793	1.00793	0.244456	0.869668	-1.14986	0.04082	0.762789	-1.31098	0.0032283	1.58536	1.58536	0.533912	0.930297	-1.07493	0.0365797	0.756847	-1.32127	6.47465	1.34871	0.185161	1
cg00834537	C14orf153	0.00831984	0.0620572	0.690058	-1.44915	0.00239206	0.473633	-2.11134	0.0685949	0.697697	-1.43329	0.421592	0.865046	-1.15601	0.00120453	0.432819	-2.31044	0.397464	0.858133	-1.16532	0.644142	1.0856	1.0856	0.00301218	0.487633	-2.05072	0.104517	0.731002	-1.36799	6.26626	3.09467	0.438988	1
cg11887973	C14orf153	0.00855615	0.882482	0.979476	-1.02095	0.00088009	0.497047	-2.01188	0.304549	1.16075	1.16075	0.00418842	1.71229	1.71229	0.344356	0.87236	-1.14632	0.36443	1.13958	1.13958	0.105882	1.28097	1.28097	0.846887	0.973262	-1.02747	0.234319	0.839638	-1.19099	6.21108	1.93344	0.276701	1
cg13511324	C14orf153	0.0289604	0.0225146	0.547964	-1.82494	0.159329	1.39246	1.39246	0.597243	0.889249	-1.12454	0.223141	0.754443	-1.32548	0.352431	1.23447	1.23447	0.163967	1.38673	1.38673	0.0542654	1.6174	1.6174	0.840121	0.956509	-1.04547	0.00702077	0.464271	-2.15391	4.13823	3.17594	0.682189	1
cg13188519	C14orf156	0.0419572	0.0226609	0.193226	-5.17528	0.0906994	0.325339	-3.07372	0.0852571	0.317815	-3.14648	0.230836	0.468944	-2.13245	0.0617509	0.281521	-3.55214	0.0457437	0.251619	-3.97426	0.00505101	0.107124	-9.33499	0.553742	0.697058	-1.4346	0.017011	0.173224	-5.77287	3.61869	20.8025	5.10989	1
cg25564554	C14orf156;ALKBH1	1.38E-05	0.277077	0.93244	-1.07246	0.0206194	1.1883	1.1883	0.00301901	1.28604	1.28604	1.64E-05	1.73139	1.73139	3.65E-06	0.511208	-1.95615	0.00110831	0.742733	-1.34638	0.000762571	0.729353	-1.37108	0.00231648	0.7685	-1.30124	0.613541	1.03201	1.03201	37.3075	2.26246	0.0539054	1
cg21974996	C14orf156;ALKBH1	0.0286299	0.717485	1.03196	1.03196	0.61325	1.04511	1.04511	0.149193	1.14328	1.14328	0.166156	0.880004	-1.13636	0.116814	0.862856	-1.15894	0.0163801	0.775687	-1.28918	0.0102611	0.755714	-1.32325	0.0770693	1.18553	1.18553	0.23169	1.11472	1.11472	4.15505	0.493208	0.105512	1
cg01194712	C14orf159;C14orf159;C14orf159;C14orf159;C14orf159	0.0137865	0.022455	0.535206	-1.86844	0.00630901	2.25513	2.25513	0.0873662	1.53951	1.53951	0.99086	1.00262	1.00262	0.682404	0.910232	-1.09862	0.118927	0.679151	-1.47243	0.744982	1.07747	1.07747	0.004119	2.4101	2.4101	0.820293	0.949312	-1.05339	5.3267	4.40913	0.73577	1
cg06907680	C14orf159;C14orf159;C14orf159;C14orf159;C14orf159	0.0240362	0.723482	1.10524	1.10524	0.847728	1.05564	1.05564	0.00657435	2.70239	2.70239	0.00274599	3.20305	3.20305	0.101994	1.65557	1.65557	0.465615	1.23263	1.23263	0.620425	0.868823	-1.15098	0.0585257	1.82576	1.82576	0.0179693	2.24752	2.24752	4.41709	5.55002	1.11688	1
cg01634664	C14orf159;C14orf159;C14orf159;C14orf159;C14orf159	0.0497663	0.850306	1.03509	1.03509	0.159243	1.31598	1.31598	0.00440042	2.00172	2.00172	0.00737157	1.87815	1.87815	0.167086	1.30845	1.30845	0.154595	1.32063	1.32063	0.834413	0.962512	-1.03895	0.244618	1.24878	1.24878	0.10175	1.38677	1.38677	3.39417	1.79095	0.469027	1
cg23296408	C14orf159;C14orf159;C14orf159;C14orf159;C14orf159;C14orf159;C14orf1	0.00119104	0.0425037	0.471274	-2.12191	0.696041	0.881223	-1.13479	0.0467068	0.480246	-2.08226	0.269777	1.44789	1.44789	0.667447	0.870046	-1.14936	0.059383	1.98462	1.98462	0.746967	0.900991	-1.10989	1.90E-05	0.0608002	-16.4473	0.584264	0.836977	-1.19478	11.1957	18.392	1.46024	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12189551	C14orf39	0.0313289	0.357785	0.456339	-2.19135	0.00700937	20.1394	20.1394	0.0291422	8.84393	8.84393	0.386417	0.478934	-2.08797	0.601681	0.646861	-1.54593
cg01553004	C14orf4	0.00839913	0.00154265	0.441811	-2.26341	0.282936	0.818659	-1.22151	0.498704	0.884113	-1.13108	0.174564	1.29562	1.29562	0.295067	0.823044	-1.215
cg01933695	C14orf4	0.0103641	0.72771	0.910053	-1.09884	0.600386	1.15319	1.15319	0.814297	1.0655	1.0655	0.0791251	1.69155	1.69155	0.707263	0.903277	-1.10708
cg15883154	C14orf4	0.0104891	0.623354	0.904936	-1.10505	0.922911	0.980657	-1.01972	0.181473	1.33144	1.33144	0.765813	1.06213	1.06213	0.309616	1.23637	1.23637
cg07989514	C14orf4	0.0354204	0.331177	1.07999	1.07999	0.737947	0.974557	-1.02611	0.760513	1.02374	1.02374	0.152743	0.889099	-1.12473	0.0582879	0.84854	-1.1785
cg13627097	C14orf43	0.00741855	0.750558	1.03665	1.03665	0.0387567	0.763323	-1.31006	0.0105048	1.43817	1.43817	0.106423	0.819592	-1.22012	0.294177	0.884457	-1.13064
cg25952104	C14orf43	0.017945	0.531152	0.78556	-1.27298	0.0480133	0.42318	-2.36306	0.688496	1.16571	1.16571	0.251389	1.57764	1.57764	0.00827445	0.276739	-3.61351
cg19527121	C14orf43	0.0196687	0.68004	0.94254	-1.06096	0.736054	0.952868	-1.04946	0.554259	1.08911	1.08911	0.159832	1.23903	1.23903	0.0101199	1.5888	1.5888
cg16702313	C14orf43	0.0206999	0.00437709	0.43313	-2.30878	0.00596016	0.45364	-2.20439	0.323794	0.799285	-1.25112	0.341363	0.8061	-1.24054	0.055589	0.620699	-1.61109
cg23367119	C14orf43	0.0337243	0.156446	0.736218	-1.35829	0.536889	1.13464	1.13464	0.689772	1.08443	1.08443	0.0987017	0.693669	-1.44161	0.00871875	0.509087	-1.9643
cg10919522	C14orf43;C14orf43	0.00143311	0.000425229	0.134933	-7.41109	0.121716	1.82603	1.82603	0.0118186	0.323589	-3.09034	0.00505664	0.264347	-3.7829	0.00269317	0.225738	-4.42991
cg25088009	C14orf43;C14orf43	0.00160281	0.00699421	2.72514	2.72514	0.000999175	4.07363	4.07363	0.0058134	2.82414	2.82414	0.00512086	2.89486	2.89486	0.0142223	0.419279	-2.38504
cg24128590	C14orf43;C14orf43	0.00549041	0.0313029	4.60203	4.60203	0.000860676	20.5667	20.5667	0.00782327	7.86712	7.86712	0.0609094	3.58213	3.58213	0.0292714	4.71999	4.71999
cg24996979	C14orf43;C14orf43	0.00784183	0.0168326	0.396453	-2.52237	0.00103013	4.67684	4.67684	0.0366767	2.15987	2.15987	0.0962103	0.560208	-1.78505	0.366772	1.34193	1.34193
cg18583329	C14orf43;C14orf43	0.0122553	0.00458106	3.47363	3.47363	0.452813	1.28699	1.28699	0.0258703	2.39339	2.39339	0.569405	1.20887	1.20887	0.363058	1.36122	1.36122
cg15499560	C14orf43;C14orf43	0.0128796	0.129025	0.67318	-1.48549	0.48108	1.1886	1.1886	0.622402	1.12722	1.12722	0.0423235	0.568821	-1.75802	0.101572	0.648919	-1.54103
cg23484159	C14orf43;C14orf43	0.021456	0.0245323	4.97405	4.97405	0.0017883	14.323	14.323	0.0372454	4.25499	4.25499	0.130516	2.65903	2.65903	0.705817	1.25497	1.25497
cg23940655	C14orf43;C14orf43	0.0248615	0.00601705	0.662403	-1.50965	0.465818	1.08891	1.08891	0.0587401	1.27764	1.27764	0.00794717	0.67668	-1.4778	0.829603	1.02504	1.02504
cg25946216	C14orf43;C14orf43	0.0259201	0.16023	0.556708	-1.79627	0.0129425	0.299892	-3.33454	0.612455	0.819198	-1.22071	0.00291717	0.202571	-4.93653	0.908346	1.04599	1.04599
cg17454920	C14orf43;C14orf43	0.0434043	0.124823	4.04819	4.04819	0.011677	14.1826	14.1826	0.0250447	9.42493	9.42493	0.0596327	5.98236	5.98236	0.065392	5.7005	5.7005
cg26038700	C14orf43;C14orf43	0.0440473	0.0821901	0.539288	-1.8543	0.0439228	0.475899	-2.10129	0.667271	1.14877	1.14877	0.919545	1.03293	1.03293	0.0207835	0.409636	-2.44119
cg12166570	C14orf43;C14orf43	0.0476359	0.0563928	0.485496	-2.05975	0.259509	1.48206	1.48206	0.0228556	2.48643	2.48643	0.497698	0.794319	-1.25894	0.505727	0.797829	-1.2534
cg07512790	C14orf45	0.0409178	0.400672	0.88073	-1.13542	0.0427747	0.708731	-1.41097	0.425393	0.886768	-1.12769	0.148653	0.795568	-1.25696	0.00160638	0.512745	-1.95029
cg03512643	C14orf45;ENTPD5;C14orf45	0.0376514	0.453155	0.862641	-1.15923	0.00939599	1.89019	1.89019	0.309396	1.22555	1.22555	0.335855	1.21152	1.21152	0.852421	1.03666	1.03666
cg04956882	C14orf48;C14orf48;C14orf48	0.0169519	0.0050103	0.570868	-1.75172	0.00293937	0.539752	-1.8527	0.0493691	0.712749	-1.40302	0.992676	0.998615	-1.00139	0.0534901	0.718126	-1.39251
cg10506461	C14orf49	0.00102008	0.859522	0.96966	-1.03129	0.00232141	2.0955	2.0955	0.00425837	1.94488	1.94488	0.0352948	1.53166	1.53166	0.43479	0.870583	-1.14866
cg26219458	C14orf49	0.00107402	0.656365	0.933832	-1.07086	0.0149938	0.633078	-1.57958	0.347496	1.15937	1.15937	0.209337	1.2242	1.2242	0.859709	0.973317	-1.02741
cg13760395	C14orf49	0.0016668	0.124806	1.29634	1.29634	0.547689	1.09969	1.09969	0.0515478	1.41362	1.41362	0.000925057	2.16567	2.16567	0.265587	1.19867	1.19867
cg07438165	C14orf49	0.0027226	0.62026	1.12809	1.12809	0.00155239	0.333547	-2.99808	0.000667181	0.284604	-3.51366	0.803507	0.941616	-1.062	0.0379065	0.559429	-1.78754
cg26372254	C14orf49	0.00970495	0.00846299	0.549046	-1.82134	0.0122115	0.572983	-1.74525	0.0373985	0.649982	-1.5385	0.00730219	0.539559	-1.85337	0.0228105	0.61513	-1.62567
cg04514469	C14orf49	0.0159724	0.0131975	0.385809	-2.59195	0.00505006	0.316825	-3.15632	0.0113151	0.374101	-2.67308	0.144682	0.6153	-1.62522	0.0573603	0.513544	-1.94725
cg16522484	C14orf49	0.0275629	0.203847	0.848856	-1.17806	0.040713	0.749242	-1.33468	0.925659	1.01147	1.01147	0.157448	1.20288	1.20288	0.0387746	1.33964	1.33964
cg02583546	C14orf4;C14orf4	0.00577242	0.0693014	0.841538	-1.1883	0.00660895	1.34898	1.34898	0.0238479	1.25725	1.25725	0.209287	1.11891	1.11891	0.939326	0.993558	-1.00648
cg23265500	C14orf50	7.79E-07	0.109283	0.673413	-1.48497	0.0051894	2.30568	2.30568	0.0123301	0.49381	-2.02507	0.017424	0.519201	-1.92604	0.00690631	0.453056	-2.20723
cg12281657	C14orf50	3.44E-06	0.0109717	0.397024	-2.51874	0.041212	1.97706	1.97706	0.00739964	0.368371	-2.71466	0.0419896	0.507504	-1.97043	0.032197	0.483809	-2.06693
cg17930034	C14orf50	6.35E-06	0.143395	0.630503	-1.58603	0.05157	1.91552	1.91552	0.822179	0.936103	-1.06826	0.310388	0.734994	-1.36055	0.421706	0.786032	-1.27221
cg04536575	C14orf50	3.03E-05	0.0497123	0.475147	-2.10461	0.0588434	2.0326	2.0326	0.728552	1.12278	1.12278	0.0412011	0.457081	-2.1878	0.252786	0.672299	-1.48743
cg17306261	C14orf50	0.000375989	0.358746	0.556813	-1.79594	0.179892	2.41988	2.41988	0.101051	0.328182	-3.04709	0.847847	0.887648	-1.12657	0.0765715	0.294573	-3.39475
cg08196842	C14orf50	0.000834864	0.173174	0.461508	-2.16681	0.189959	2.09721	2.09721	0.281424	0.550331	-1.81709	0.2396	0.518418	-1.92895	0.0200606	0.223866	-4.46696
cg04213522	C14orf50	0.0074525	0.721293	0.947583	-1.05532	0.000172051	0.383149	-2.60995	0.0166418	0.644365	-1.55191	0.303862	0.852091	-1.17358	0.529301	1.10053	1.10053
cg00791868	C14orf53;C14orf53	7.23E-06	0.000183784	0.357902	-2.79406	0.000647084	0.427199	-2.34083	5.36E-06	0.187312	-5.33867	0.00559844	0.553615	-1.80631	7.76E-06	0.20301	-4.92586
cg14284174	C14orf53;C14orf53	0.000866609	0.24427	1.30629	1.30629	7.40E-05	0.206054	-4.85309	0.000899739	0.336254	-2.97394	0.016405	0.525538	-1.90281	0.00135433	0.360384	-2.77482
cg01644112	C14orf68	7.23E-05	0.00215144	0.575022	-1.73906	0.00712255	0.639943	-1.56264	0.323278	1.13998	1.13998	0.269981	0.862856	-1.15894	0.000198091	0.44801	-2.2321
cg19798224	C14orf68	0.00505466	0.481402	0.843824	-1.18508	0.00103686	0.315764	-3.16693	0.0809098	0.631754	-1.58289	0.0106204	0.466549	-2.1434	0.000798892	0.300768	-3.32482
cg13640769	C14orf68	0.00715376	0.0162654	0.520036	-1.92294	0.03078	0.568665	-1.7585	0.294936	0.785296	-1.2734	0.249634	0.76512	-1.30698	0.0360963	0.581366	-1.72009
cg00946753	C14orf68	0.00999697	0.012413	0.5848	-1.70999	0.00826603	1.79004	1.79004	0.0615045	1.43785	1.43785	0.0681338	0.703164	-1.42214	0.325845	0.839545	-1.19112
cg01035771	C14orf68	0.0222376	0.00429707	0.334351	-2.99087	0.866556	1.04943	1.04943	0.0485483	0.52388	-1.90883	0.291122	1.36929	1.36929	0.0124547	0.409765	-2.44042
cg11188679	C14orf68	0.0230129	0.336321	0.844541	-1.18408	0.924452	1.0163	1.0163	0.119815	0.750031	-1.33328	0.00823664	0.562146	-1.7789	0.432918	0.872498	-1.14613
cg17346559	C14orf68	0.0253218	0.318334	0.825614	-1.21122	0.108369	0.722221	-1.38462	0.33527	0.831423	-1.20276	0.65221	1.08795	1.08795	0.000919995	0.398534	-2.5092
cg10506715	C14orf68	0.0268245	0.0197963	0.182515	-5.479	0.0975095	0.333168	-3.00149	0.138093	0.38091	-2.62529	0.334815	0.548125	-1.8244	0.0017829	0.0680065	-14.7045
cg09979281	C14orf68	0.0427199	0.020836	0.368674	-2.71242	0.00459897	0.25843	-3.86951	0.134102	0.560135	-1.78528	0.977723	0.990033	-1.01007	0.0410201	0.429164	-2.33011
cg18831841	C14orf68	0.0456384	0.680039	1.13479	1.13479	0.0967352	1.74362	1.74362	0.44351	0.788024	-1.269	0.223866	1.47646	1.47646	0.0100461	0.371296	-2.69327
cg00239071	C14orf68;C14orf68	0.0109605	0.619446	0.918574	-1.08864	0.0221944	0.628065	-1.59219	0.000849158	0.427113	-2.3413	0.550564	1.10789	1.10789	0.472501	0.883412	-1.13197
cg23528142	C14orf70	0.000591536	0.0134154	0.308336	-3.24321	0.858426	0.933689	-1.07102	0.239752	0.623106	-1.60486	0.222396	0.610941	-1.63682	0.000220871	0.0939825	-10.6403
cg16381321	C14orf70	0.000842439	0.220876	0.783005	-1.27713	0.000413033	0.34459	-2.902	0.000113091	0.275591	-3.62856	0.750906	0.941262	-1.0624	0.00441236	0.485614	-2.05925
cg03659476	C14orf70	0.00122708	0.0336256	0.540268	-1.85093	0.00184395	2.99551	2.99551	0.678836	1.10882	1.10882	0.782561	0.933665	-1.07105	0.00165393	0.327218	-3.05607
cg19741273	C14orf70	0.0065974	0.0326746	0.54563	-1.83274	0.112319	1.52046	1.52046	0.151169	1.45182	1.45182	0.836297	1.05143	1.05143	0.000266305	0.234371	-4.26674
cg16391347	C14orf70	0.0106214	0.0682284	0.627085	-1.59468	0.153039	1.4187	1.4187	0.244335	0.757013	-1.32098	0.166009	1.40159	1.40159	0.0395475	0.580349	-1.7231
cg23525541	C14orf70	0.0156785	0.558836	1.07773	1.07773	0.0587114	1.31047	1.31047	0.0468234	1.334	1.334	0.0171207	1.44479	1.44479	0.0136286	1.47171	1.47171
cg00859280	C14orf70	0.0260612	0.1162	0.598796	-1.67002	0.0933718	0.574421	-1.74088	0.00374304	0.308557	-3.24089	0.611784	0.857489	-1.1662	0.0597615	0.528283	-1.89292
cg23954066	C14orf70	0.0302453	0.0314923	0.357906	-2.79403	0.226554	0.596193	-1.67731	0.195574	0.572609	-1.74639	0.290749	1.56297	1.56297	0.00347363	0.19875	-5.03144
cg11882517	C14orf70	0.0486666	0.253877	0.737739	-1.35549	0.00916139	0.429625	-2.32761	0.0142346	0.462136	-2.16387	0.914167	0.972852	-1.02791	0.410112	0.806514	-1.2399
cg02516530	C14orf72	0.000129843	0.0539341	1.51263	1.51263	1.99E-05	0.195095	-5.1257	0.211272	0.779497	-1.28288	0.567828	0.896542	-1.1154	2.12E-05	0.197878	-5.05361
cg23324442	C14orf72	0.00802869	0.155395	0.635703	-1.57306	0.00317618	0.300964	-3.32266	0.21744	0.67932	-1.47206	0.00181361	0.266766	-3.7486	0.129245	0.613559	-1.62984
cg07554939	C14orf73	4.87E-05	0.463237	0.926016	-1.0799	1.86E-06	0.295385	-3.38541	0.0286102	1.30454	1.30454	0.832458	1.02205	1.02205	0.00596948	0.690715	-1.44777
cg02217035	C14orf73	0.00056237	0.20791	0.733308	-1.36368	0.00202781	2.76409	2.76409	0.0561001	1.6577	1.6577	0.0959061	0.652334	-1.53296	0.0102838	0.469792	-2.1286
cg21143587	C14orf73	0.000943571	0.0167169	2.36311	2.36311	0.109399	0.598164	-1.67178	0.398293	0.775221	-1.28995	0.00366489	3.17956	3.17956	0.0734066	1.79985	1.79985
cg01623825	C14orf73	0.00144449	0.957528	0.99133	-1.00875	0.000112185	3.03426	3.03426	0.235055	0.815876	-1.22568	0.11651	0.756647	-1.32162	0.701441	0.938959	-1.06501
cg22502625	C14orf73	0.00170008	0.192999	1.43898	1.43898	0.00098619	0.274259	-3.64618	0.0209916	2.08248	2.08248	0.241214	1.38278	1.38278	0.00297579	0.340717	-2.93498
cg10409043	C14orf73	0.00381656	0.00292429	0.396756	-2.52044	0.549858	0.872133	-1.14661	0.623125	0.89404	-1.11852	0.85468	0.95939	-1.04233	0.000804931	0.318687	-3.13787
cg16051352	C14orf73	0.00488719	0.0834236	1.49743	1.49743	0.38524	0.82898	-1.2063	0.0023652	0.409263	-2.44342	0.340317	1.23004	1.23004	0.0304647	0.585177	-1.70888
cg01104208	C14orf73	0.00517038	0.194048	1.44665	1.44665	0.196452	1.44346	1.44346	0.00896767	0.409361	-2.44283	0.503744	0.833317	-1.20002	0.000560118	0.237426	-4.21183
cg05763097	C14orf73	0.00788792	0.135222	2.07028	2.07028	0.00374443	5.86398	5.86398	0.704499	1.1879	1.1879	0.465717	1.39861	1.39861	0.39683	1.48008	1.48008
cg20598457	C14orf73	0.0101961	0.13394	1.49068	1.49068	0.00234857	2.85357	2.85357	0.0462403	1.75775	1.75775	0.906532	1.02944	1.02944	0.0232287	1.95444	1.95444
cg17003143	C14orf73	0.0112643	0.726711	0.925013	-1.08107	0.182435	0.730271	-1.36936	0.00979156	0.484076	-2.06579	0.035136	1.72497	1.72497	0.00849366	0.47414	-2.10908
cg10973146	C14orf73	0.0132568	0.00559621	11.5929	11.5929	0.0653225	4.02908	4.02908	0.2598	2.20727	2.20727	0.107345	3.26672	3.26672	0.263073	0.455719	-2.19434
cg05168580	C14orf73	0.0174675	0.0316974	0.39946	-2.50338	0.484216	1.29567	1.29567	0.17623	0.592198	-1.68862	0.893725	1.04991	1.04991	0.906617	1.04369	1.04369
cg10422233	C14orf73	0.0397138	0.12276	1.43387	1.43387	0.912209	1.02405	1.02405	0.0472338	0.613055	-1.63117	0.808499	0.949016	-1.05372	0.270327	1.28064	1.28064
cg23541019	C14orf79	0.000127681	0.00440785	2.21513	2.21513	0.00573352	0.468712	-2.13351	0.867426	0.965647	-1.03557	0.621851	1.10963	1.10963	3.90E-05	0.1924	-5.19749
cg01649064	C14orf79	0.000215174	8.68E-05	0.243319	-4.10982	0.0174127	0.559249	-1.78811	0.0957795	0.692634	-1.44376	0.0247424	1.71026	1.71026	3.63E-05	0.202486	-4.93862
cg20070837	C14orf79	0.00457825	0.946981	1.02219	1.02219	0.918891	1.03419	1.03419	0.184122	0.628099	-1.59211	0.585272	1.19948	1.19948	4.83E-05	0.0801458	-12.4773
cg07103895	C14orf79	0.00585801	0.426266	0.900328	-1.11071	0.0218412	1.42711	1.42711	0.135028	1.2315	1.2315	0.0290536	1.39448	1.39448	0.0329865	0.724492	-1.38028
cg02198617	C14orf79	0.00771119	0.177439	1.23524	1.23524	0.00714699	1.6686	1.6686	0.0869005	1.32136	1.32136	0.0831843	1.32671	1.32671	0.311922	0.857116	-1.1667
cg00460818	C14orf79	0.00903372	0.00149933	0.0956036	-10.4599	0.891891	0.932619	-1.07225	0.11361	2.41846	2.41846	0.537762	0.726099	-1.37722	0.00699385	0.167064	-5.98573
cg22862412	C14orf80;C14orf80;C14orf80	0.00425685	0.254822	1.24851	1.24851	0.00017373	0.304283	-3.28641	0.00987923	0.544114	-1.83785	0.285061	0.812787	-1.23034	0.337045	1.20295	1.20295
cg21575078	C14orf80;C14orf80;C14orf80	0.00692134	0.146673	0.664822	-1.50416	0.00246304	3.01481	3.01481	0.00429286	2.7207	2.7207	0.532936	0.847467	-1.17999	0.403717	1.25097	1.25097
cg21198603	C14orf80;C14orf80;C14orf80	0.0178904	0.852401	1.02068	1.02068	0.636592	1.0537	1.0537	0.0411151	1.29561	1.29561	0.0294626	1.3255	1.3255	0.0941338	0.816879	-1.22417
cg21241291	C14orf80;C14orf80;C14orf80	0.0228852	0.0561174	0.432733	-2.3109	0.67999	1.17421	1.17421	0.985506	1.00706	1.00706	0.699588	1.16199	1.16199	0.169423	0.567361	-1.76255
cg05252161	C14orf80;C14orf80;C14orf80	0.0236249	0.251426	0.538568	-1.85678	0.890886	1.07346	1.07346	0.231859	1.91097	1.91097	0.0920221	0.383701	-2.60619	0.00174435	0.099751	-10.025
cg03495832	C14orf80;C14orf80;C14orf80	0.0420995	0.434805	0.828588	-1.20687	0.818598	0.947235	-1.0557	0.281458	0.767871	-1.3023	0.0477324	0.58614	-1.70608	0.0623842	0.609599	-1.64042
cg15893035	C14orf86;FAM181A	0.00358658	0.00729251	0.528179	-1.8933	0.191108	0.774651	-1.2909	0.0048799	0.502429	-1.99033	0.333248	0.831839	-1.20216	0.00357968	0.482955	-2.07059
cg24162377	C14orf86;FAM181A	0.00481964	0.107913	0.804404	-1.24316	0.226084	1.17083	1.17083	0.708506	0.954471	-1.0477	0.303211	0.876061	-1.14147	0.257988	0.863765	-1.15772
cg04836972	C14orf86;FAM181A	0.0171373	0.807718	0.955168	-1.04694	0.0375186	1.57462	1.57462	0.0199865	0.58967	-1.69586	0.626528	1.09664	1.09664	0.877238	1.02951	1.02951
cg14386691	C14orf93;C14orf93;C14orf93	0.00200781	0.0760401	0.679404	-1.47188	0.00171443	2.40218	2.40218	0.782565	0.947275	-1.05566	0.00907882	1.9139	1.9139	0.000374621	0.328321	-3.0458
cg21028352	C14orf93;C14orf93;C14orf93	0.00309134	0.000132682	0.27368	-3.6539	0.324846	0.819716	-1.21993	0.544075	0.886864	-1.12757	0.00319797	0.455222	-2.19673	0.0524863	0.649771	-1.539
cg04789056	C14orf93;C14orf93;C14orf93	0.0268802	0.50418	0.855591	-1.16878	0.0148982	1.99185	1.99185	0.00982004	2.11926	2.11926	0.398036	1.22032	1.22032	0.0626527	0.617519	-1.61938
cg03565081	C14orf93;C14orf93;C14orf93	0.0301184	0.0290461	0.252013	-3.96806	0.417105	0.641321	-1.55928	0.0631581	0.326439	-3.06336	0.517869	1.42074	1.42074	0.0325726	0.261853	-3.81894
cg18643029	C14orf93;C14orf93;C14orf93	0.0318887	0.0140034	0.424439	-2.35605	0.0645852	1.7974	1.7974	0.270744	1.38246	1.38246	0.119415	1.61167	1.61167	0.139917	0.638534	-1.56609
cg10218305	C14orf93;C14orf93;C14orf93	0.0455332	0.0156246	0.302374	-3.30716	0.148928	0.535473	-1.86751	0.575918	1.25613	1.25613	0.677918	0.844909	-1.18356	0.279216	0.635104	-1.57455
cg18183774	C15orf17	0.00297371	0.181782	0.702508	-1.42347	0.762105	0.927155	-1.07857	0.511465	0.847135	-1.18045	0.306353	1.3019	1.3019	0.00709986	0.420435	-2.37849
cg17078815	C15orf17	0.00587943	0.237296	1.11407	1.11407	0.00772069	0.741864	-1.34796	0.270947	0.90484	-1.10517	0.49247	0.940993	-1.06271	0.802154	0.978334	-1.02215
cg27066162	C15orf17	0.0201491	0.316174	0.855253	-1.16925	0.373242	1.14788	1.14788	0.338091	1.16067	1.16067	0.995231	1.0009	1.0009	0.642039	0.931804	-1.07319
cg02887779	C15orf17	0.0246848	0.343227	0.851497	-1.1744	0.00870371	0.576707	-1.73398	0.0391871	0.675099	-1.48126	0.868814	0.973152	-1.02759	0.493568	1.12128	1.12128
cg26488183	C15orf17	0.0260221	0.807776	0.928084	-1.07749	0.714627	0.893649	-1.11901	0.133832	0.609533	-1.6406	0.00856773	0.358147	-2.79215	0.477051	1.24778	1.24778
cg04273745	C15orf2	0.000257134	0.132824	0.717882	-1.39299	0.0139765	0.537732	-1.85966	0.291332	1.2508	1.2508	0.000101885	0.244957	-4.08235	0.000858462	2.7819	2.7819
cg13077138	C15orf2	0.00126163	0.028248	1.83433	1.83433	0.863213	0.960418	-1.04121	0.0126755	2.06606	2.06606	0.111806	1.50016	1.50016	0.000682752	3.37132	3.37132
cg24719138	C15orf2	0.00215434	0.0877131	0.665837	-1.50187	0.0707763	0.646838	-1.54598	0.0181944	0.538645	-1.85651	0.92491	0.979864	-1.02055	0.664878	0.910241	-1.09861
cg27394486	C15orf2	0.0035017	0.0801374	1.42573	1.42573	0.00422348	2.01338	2.01338	0.862409	0.968806	-1.0322	0.0782146	1.42969	1.42969	0.0140879	1.73956	1.73956
cg06205155	C15orf2	0.0384942	0.5093	0.807858	-1.23784	0.333134	1.37464	1.37464	0.935356	0.974477	-1.02619	0.334415	1.37341	1.37341	0.883115	0.954193	-1.04801
cg10534635	C15orf21;SLC30A4	0.0143279	0.273928	1.47123	1.47123	0.526339	0.804343	-1.24325	0.183189	0.61943	-1.61439	0.724987	0.88711	-1.12726	0.351496	0.722397	-1.38428
cg27271756	C15orf21;SLC30A4	0.0447398	0.376951	0.910395	-1.09842	0.168043	0.858883	-1.1643	0.00762218	1.42654	1.42654	0.167539	0.858708	-1.16454	0.61204	1.05438	1.05438
cg13984173	C15orf23;C15orf23;C15orf23	2.06E-05	0.000971525	0.482311	-2.07335	0.0703863	0.740508	-1.35043	0.000616434	0.456975	-2.1883	0.000695192	0.463644	-2.15683	1.38E-05	0.259624	-3.85172
cg25947121	C15orf23;C15orf23;C15orf23	0.000211662	0.00911014	0.676146	-1.47897	0.279584	1.14199	1.14199	1.75E-05	2.82451	2.82451	0.303264	1.13423	1.13423	0.141589	0.829697	-1.20526
cg04034458	C15orf23;C15orf23;C15orf23	0.0148868	0.458044	1.20331	1.20331	0.0434901	0.56631	-1.76582	0.0504377	0.579219	-1.72646	0.53268	1.16739	1.16739	0.00115404	0.310512	-3.22049
cg15674596	C15orf23;C15orf23;C15orf23;C15orf23;C15orf23;C15orf23	0.00864381	0.194415	0.53204	-1.87956	0.015236	0.245706	-4.0699	0.898213	0.943343	-1.06006	0.929999	1.04085	1.04085	0.00040551	0.0627338	-15.9404
cg21292201	C15orf24	0.00378099	0.00947791	0.444542	-2.24951	0.00285696	0.363377	-2.75196	0.195318	0.713342	-1.40185	0.135408	0.672399	-1.48721	0.00166828	0.32992	-3.03104
cg18054026	C15orf26	0.00784042	0.000877932	3.51927	3.51927	0.276222	0.751496	-1.33068	0.057709	1.71825	1.71825	0.530837	0.852026	-1.17367	0.0996934	0.634377	-1.57635
cg00623655	C15orf26	0.0115745	0.139103	0.773713	-1.29247	0.442827	1.13439	1.13439	0.00207165	0.49716	-2.01143	0.174095	0.792146	-1.26239	0.0985331	0.746804	-1.33904
cg24094450	C15orf27	0.000677629	0.333722	0.694504	-1.43988	0.0173599	0.346704	-2.8843	0.00115268	0.174408	-5.73368	0.00618548	0.271038	-3.68952	0.000250273	0.109818	-9.10601
cg16966243	C15orf27	0.000881069	0.321281	0.784482	-1.27473	0.00246562	2.71096	2.71096	0.00257688	0.371657	-2.69065	0.24119	1.33726	1.33726	0.0141333	0.488047	-2.04898
cg25349610	C15orf27	0.00108319	0.153478	0.580563	-1.72247	0.0272595	0.394737	-2.53333	0.467572	0.768756	-1.3008	0.0168475	0.354341	-2.82214	0.000217603	0.111456	-8.97213
cg08462545	C15orf27	0.00146627	0.190169	0.853902	-1.17109	0.00519468	1.52178	1.52178	0.00482036	1.53065	1.53065	0.0636904	0.788751	-1.26783	0.000930641	0.569721	-1.75525
cg00316803	C15orf27	0.00234312	0.983433	0.993201	-1.00685	0.000978839	0.199688	-5.00781	0.000326681	0.148385	-6.73921	0.00132912	0.215763	-4.63471	0.0177812	0.387936	-2.57774
cg16452361	C15orf27	0.00245416	0.0224102	0.359	-2.78552	0.00682979	3.77954	3.77954	0.346132	1.42562	1.42562	0.000445499	0.113425	-8.81638	?	?	?
cg23482746	C15orf27	0.00334445	0.0263331	0.400638	-2.49602	0.0105311	0.327092	-3.05725	0.00455857	0.269338	-3.7128	0.0357809	0.428161	-2.33557	0.00024	0.121153	-8.25404
cg27277583	C15orf27	0.00557817	0.0324521	0.57032	-1.7534	0.725248	1.08236	1.08236	0.232838	0.755338	-1.32391	0.156975	0.712129	-1.40424	0.0298946	1.77366	1.77366
cg11972810	C15orf27	0.00744428	0.00611093	2.52039	2.52039	0.00116089	3.4293	3.4293	0.354893	1.2787	1.2787	0.576751	1.1568	1.1568	0.0194751	2.07411	2.07411
cg27321979	C15orf27	0.00817249	0.137603	1.2283	1.2283	0.912126	0.985904	-1.0143	0.00426331	1.63522	1.63522	0.95091	0.992114	-1.00795	0.713287	0.953648	-1.04861
cg21739719	C15orf27	0.00931306	0.927589	1.02014	1.02014	0.462076	1.17847	1.17847	0.0190541	0.536586	-1.86364	0.104185	0.677279	-1.4765	0.000709624	0.322575	-3.10005
cg22464760	C15orf27	0.00950344	0.0139435	2.01875	2.01875	0.208259	1.35917	1.35917	0.464205	1.18805	1.18805	0.0634499	0.617087	-1.62052	0.226589	0.745524	-1.34134
cg12226028	C15orf27	0.0133026	0.257808	1.65555	1.65555	0.00124025	7.5014	7.5014	0.312164	1.56261	1.56261	0.861923	0.928373	-1.07715	0.0370417	2.81162	2.81162
cg21729159	C15orf27	0.0180401	0.00265157	0.113746	-8.79153	0.2406	1.77734	1.77734	0.162546	0.495098	-2.0198	?	?	?	0.0151342	0.226233	-4.42023
cg00300908	C15orf27	0.0191049	0.0383864	1.51874	1.51874	0.291105	1.21022	1.21022	0.62661	0.918152	-1.08914	0.0483559	1.48127	1.48127	0.0222825	1.61138	1.61138
cg24740818	C15orf27	0.0251551	0.007392	0.118501	-8.43873	0.469136	0.634361	-1.57639	0.22178	0.452209	-2.21137	0.110405	0.341258	-2.93033	0.00676147	0.114226	-8.75457
cg05877280	C15orf27	0.0254937	0.329155	0.678384	-1.47409	0.174598	0.573281	-1.74435	0.00766577	0.267007	-3.74522	0.209138	0.600443	-1.66544	0.00474653	0.235754	-4.24171
cg15805053	C15orf27	0.0318735	0.034694	2.82119	2.82119	?	?	?	0.130462	1.95042	1.95042	0.348987	0.678795	-1.4732	0.00693513	0.215534	-4.63963
cg01024668	C15orf28;ANP32A	0.00882736	0.00325564	0.189013	-5.29064	0.0386457	2.70333	2.70333	0.377211	1.45679	1.45679	0.305035	1.5543	1.5543	0.00809297	0.244607	-4.08819
cg04790124	C15orf29	0.000257431	0.492336	1.17012	1.17012	0.0548762	0.612301	-1.63318	0.00707695	0.456534	-2.19042	0.118068	0.682263	-1.46571	0.0291234	0.560287	-1.7848
cg01787808	C15orf29	0.000933187	0.00622502	0.452325	-2.2108	0.000190448	0.246838	-4.05124	0.0116125	0.495657	-2.01753	0.0215164	0.541028	-1.84833	0.00121009	0.348457	-2.8698
cg05378199	C15orf29	0.00133787	0.0213354	0.613195	-1.6308	0.0224837	0.616785	-1.62131	0.137444	0.753668	-1.32684	0.326315	0.835979	-1.1962	0.00376012	0.500865	-1.99655
cg09949816	C15orf29	0.00173783	0.00230687	0.329961	-3.03066	0.0343797	0.525936	-1.90137	0.00845618	0.416673	-2.39996	0.274212	0.743604	-1.3448	0.131446	0.654416	-1.52808

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12189551	0.73018	1.33129	1.33129	0.669855	0.701466	-1.42559	0.00612359	21.8785	21.8785	0.410855	2.00777	2.00777	4.42584	46.8205	8.22803	1
cg01553004	0.00308958	2.06716	2.06716	0.476655	0.878286	-1.13858	0.0302132	0.633162	-1.57938	0.798879	0.955242	-1.04685	6.24753	3.18248	0.452799	1
cg01933695	0.0137641	2.27315	2.27315	0.000732557	0.25059	-3.99058	0.0743747	0.58504	-1.70929	0.449768	1.23081	1.23081	5.8433	6.72896	1.02362	1
cg15883154	0.130184	1.39079	1.39079	0.00037106	0.316758	-3.15698	0.0440263	1.59519	1.59519	0.556246	0.886829	-1.12761	5.82088	3.75445	0.573332	1
cg07989514	0.919581	0.992279	-1.00778	0.00833249	0.771971	-1.29539	0.0041614	0.744684	-1.34285	0.141567	0.885747	-1.12899	3.85044	0.359259	0.0829362	1
cg13627097	0.00344536	0.638736	-1.56559	0.00532326	0.660758	-1.51341	0.110492	1.21685	1.21685	0.846377	0.978349	-1.02213	6.49618	1.31018	0.179275	1
cg25952104	0.333387	1.46174	1.46174	0.0131027	0.310148	-3.22426	0.0159066	3.07539	3.07539	0.74181	1.13404	1.13404	4.88015	11.1885	2.03792	1
cg19527121	0.644555	0.935858	-1.06854	0.00409935	1.7325	1.7325	0.00334184	1.76811	1.76811	0.43071	1.12162	1.12162	4.73132	1.52591	0.286677	1
cg16702313	0.0194925	0.537533	-1.86035	0.858767	1.03994	1.03994	0.0169068	0.526969	-1.89764	0.0340743	0.580555	-1.72249	4.6498	3.55939	0.680438	1
cg23367119	0.507552	1.14546	1.14546	0.0918823	1.4548	1.4548	0.0263177	1.70274	1.70274	0.195001	0.758123	-1.31905	3.91932	2.53315	0.574509	1
cg10919522	0.0517787	0.451844	-2.21315	0.000634302	0.151999	-6.579	0.101151	0.525028	-1.90466	0.005529	0.270172	-3.70134	10.618	21.6636	1.81358	1
cg25088009	0.320456	0.744496	-1.34319	0.00276246	3.276	3.276	0.0166535	2.31693	2.31693	0.532826	1.19909	1.19909	10.2812	13.4506	1.16291	1
cg24128590	0.436907	1.61481	1.61481	0.00320049	11.3774	11.3774	0.00280146	12.0458	12.0458	0.0190956	5.55132	5.55132	7.13138	41.2386	5.14017	1
cg24996979	0.195695	1.54352	1.54352	0.404858	0.763111	-1.31043	0.0473197	2.05409	2.05409	0.204697	1.52885	1.52885	6.38411	10.1739	1.41656	1
cg18583329	0.50431	1.25048	1.25048	0.0208946	2.50181	2.50181	0.00123479	4.75036	4.75036	0.00834579	3.04053	3.04053	5.53552	9.54119	1.53212	1
cg15499560	0.000393389	0.256074	-3.90513	0.664286	1.1111	1.1111	0.715307	1.0924	1.0924	0.0606618	0.600345	-1.66571	5.44667	5.02085	0.819395	1
cg23484159	0.179627	2.348	2.348	0.0174405	5.6589	5.6589	0.0246455	4.96545	4.96545	0.0297239	4.62867	4.62867	4.59318	26.0907	5.04916	1
cg23940655	0.119024	0.823521	-1.2143	0.255965	0.872767	-1.14578	0.655204	1.05293	1.05293	0.389432	1.10652	1.10652	4.36566	0.91061	0.185409	1
cg25946216	0.0223407	0.343445	-2.91167	?	?	?	0.970518	0.985676	-1.01453	0.0497353	0.417343	-2.39611	4.37725	9.3919	2.14562	1
cg17454920	0.701735	1.38241	1.38241	0.0121475	13.8808	13.8808	0.0560734	6.17802	6.17802	0.0408318	7.29196	7.29196	3.57338	40.0802	9.97006	1
cg26038700	0.0179829	2.51396	2.51396	0.196038	0.64504	-1.55029	0.434389	1.29147	1.29147	0.758037	1.10417	1.10417	3.55384	5.78819	1.44774	1
cg12166570	0.302719	1.42916	1.42916	0.0100487	0.337324	-2.96451	0.468251	0.781262	-1.27998	0.840139	0.934677	-1.06989	3.45088	6.11442	1.57497	1
cg07512790	0.0645294	0.735968	-1.35876	0.0554374	0.725781	-1.37783	0.255879	0.83937	-1.19137	0.0453793	0.712582	-1.40335	3.65244	1.26082	0.306843	1
cg03512643	0.190918	0.765094	-1.30703	0.0308393	1.63271	1.63271	0.010678	1.85991	1.85991	0.11203	1.39735	1.39735	3.7658	2.22959	0.526277	1
cg04956882	0.179174	0.806195	-1.2404	0.0890952	1.32721	1.32721	0.933338	1.01271	1.01271	0.373779	0.87124	-1.14779	4.97419	1.79563	0.32088	1
cg10506461	0.00372483	1.97656	1.97656	0.000779295	0.41313	-2.42055	0.00246004	2.08029	2.08029	0.613005	1.09276	1.09276	11.7004	5.60495	0.425813	1
cg26219458	4.15E-05	0.303031	-3.29999	0.00567898	1.7413	1.7413	0.140571	1.27423	1.27423	0.911382	1.01717	1.01717	11.5304	4.26771	0.329002	1
cg13760395	0.00464116	0.555342	-1.80069	0.00089778	2.17364	2.17364	0.00227818	1.9475	1.9475	0.049871	1.41816	1.41816	10.1656	3.92797	0.343466	1
cg07438165	0.0102329	0.457883	-2.18396	0.00228951	0.35741	-2.79791	0.00573752	0.417361	-2.39601	0.777206	1.07085	1.07085	8.80768	8.12253	0.819743	1
cg26372254	0.00658523	0.532959	-1.87632	0.186555	1.28369	1.28369	0.0199022	0.605766	-1.6508	0.604597	0.911042	-1.09764	5.96744	3.00647	0.447833	1
cg04514469	0.0375867	0.473401	-2.11237	0.131514	0.603685	-1.65649	0.234537	1.47149	1.47149	0.0130711	0.385069	-2.59693	5.0739	7.72229	1.35286	1
cg16522484	0.00914211	1.49864	1.49864	0.0424519	1.33045	1.33045	0.139346	1.21457	1.21457	0.553399	0.929361	-1.07601	4.21103	0.995751	0.210189	1
cg02583546	0.0070574	0.744065	-1.34397	0.00546637	0.73329	-1.36372	0.989441	0.998877	-1.00112	0.150853	1.13963	1.13963	7.02238	0.801641	0.101471	1
cg23265500	1.85E-06	14.671	14.671	1.30E-07	44.092	44.092	7.79E-07	20.1963	20.1963	0.00012664	4.5298	4.5298	78.1598	63.4689	0.721813	1
cg12281657	6.30E-06	18.5274	18.5274	8.45E-07	44.7623	44.7623	5.82E-06	19.1116	19.1116	0.000160742	6.45944	6.45944	53.4488	70.9067	1.17923	1
cg17930034	1.10E-05	15.5587	15.5587	8.04E-07	48.3053	48.3053	3.83E-06	23.5774	23.5774	0.000166399	6.56203	6.56203	45.6233	62.1732	1.21133	1
cg04536575	6.64E-05	11.3687	11.3687	4.59E-06	33.0043	33.0043	1.77E-05	18.4888	18.4888	0.00469395	3.48725	3.48725	30.3912	53.1826	1.5555	1
cg17306261	0.00244737	13.6752	13.6752	6.27E-05	96.9638	96.9638	0.000146496	57.5966	57.5966	0.00999129	7.52469	7.52469	15.4617	94.2707	5.41961	1
cg08196842	0.00196625	10.3189	10.3189	0.000284327	23.6336	23.6336	0.000512305	18.0639	18.0639	0.0534082	3.22382	3.22382	12.3824	55.8177	4.00695	1
cg04213522	0.286338	0.846688	-1.18107	0.83577	1.03169	1.03169	0.0167791	0.644872	-1.5507	0.399961	0.878528	-1.13827	6.4869	2.32109	0.318055	1
cg00791868	0.00163684	0.480395	-2.08162	1.28E-05	0.225191	-4.44068	2.63E-06	0.158768	-6.29851	9.43E-06	0.211537	-4.7273	44.129	18.4649	0.371938	1
cg14284174	0.283465	0.783158	-1.27688	0.743715	1.07461	1.07461	0.173865	1.37346	1.37346	0.133871	0.701453	-1.42561	12.2528	9.33597	0.677284	1
cg01644112	0.0362427	1.3671	1.3671	3.02E-06	0.239879	-4.16877	0.508706	1.08991	1.08991	0.00136958	0.550771	-1.81564	24.1383	6.30446	0.23216	1
cg19798224	0.409805	0.818715	-1.22143	0.147732	0.691745	-1.44562	0.00247102	0.368372	-2.71465	0.0684611	0.616311	-1.62256	7.31427	6.52259	0.792678	1
cg13640769	0.00129628	0.35248	-2.83704	0.0394246	1.69922	1.69922	0.392276	1.21533	1.21533	0.0110898	0.492303	-2.03127	6.57042	5.15225	0.69703	1
cg00946753	0.0162427	0.602446	-1.6599	0.386741	0.858162	-1.16528	0.0194291	0.614375	-1.62767	0.604753	0.913916	-1.09419	5.91119	2.78261	0.418432	1
cg01035771	0.168878	0.656673	-1.52283	0.742036	1.0994	1.0994	0.0108697	0.399531	-2.50293	0.218097	0.689566	-1.45019	4.53718	5.91488	1.1588	1
cg11188679	0.31531	0.837813	-1.19358	0.0324759	1.53212	1.53212	0.0779728	0.716194	-1.39627	0.00508661	0.532005	-1.87968	4.48399	2.06288	0.408937	1
cg17346559	0.200989	0.778081	-1.28521	0.504523	1.13409	1.13409	0.0156196	0.576509	-1.73458	0.19066	0.773007	-1.29365	4.33788	2.37161	0.485974	1
cg10506715	0.0752985	0.30207	-3.31049	0.445202	1.6007	1.6007	0.688996	0.784124	-1.27531	0.023611	0.195189	-5.12325	4.25138	24.6036	5.14418	1
cg09979281	0.107756	0.532787	-1.87692	0.41509	1.3483	1.3483	0.462593	0.764715	-1.30768	0.067258	0.479172	-2.08694	3.59458	7.32671	1.81179	1
cg18831841	0.491427	1.2375	1.2375	0.543418	1.20629	1.20629	0.484923	0.805406	-1.24161	0.0129411	0.390358	-2.56175	3.50696	5.16436	1.30898	1
cg00239071	0.208645	1.25214	1.25214	0.01595	1.64974	1.64974	0.673487	1.07454	1.07454	0.74468	0.946073	-1.057	5.73916	2.61589	0.405153	1
cg23528142	0.20044	0.594711	-1.68149	0.00176773	0.180633	-5.53607	2.34E-05	0.0388644	-25.7305	0.43529	0.736478	-1.35781	13.6378	31.8944	2.07882	1
cg16381321	0.00217373	0.441494	-2.26504	0.602796	0.905027	-1.10494	0.00066975	0.371853	-2.68923	0.187354	0.766743	-1.30422	12.351	7.06696	0.508604	1
cg03659476	0.888562	0.965814	-1.0354	0.689979	0.905313	-1.10459	0.000163086	0.202739	-4.93246	0.0778219	0.614952	-1.62614	11.1008	10.8217	0.866539	1
cg19741273	0.333169	0.785096	-1.27373	0.687892	1.10283	1.10283	0.0422526	0.567192	-1.76307	0.178286	0.707056	-1.41432	6.73819	6.26908	0.827006	1
cg16391347	0.174055	1.39167	1.39167	0.0813282	0.642998	-1.55521	0.000732819	0.309448	-3.23156	0.889426	0.968706	-1.0323	5.79749	4.79641	0.735401	1
cg23525541	0.0462352	1.33532	1.33532	0.00277422	1.6861	1.6861	0.0794016	1.27962	1.27962	0.143651	0.819581	-1.22014	5.10531	1.29649	0.225732	1
cg00859280	0.0695665	1.83992	1.83992	0.029501	0.463018	-2.15974	0.35704	1.32916	1.32916	0.90934	0.966361	-1.03481	4.29455	6.13753	1.27035	1
cg23954066	0.683771	0.846359	-1.18153	0.132879	0.516608	-1.9357	0.00791418	0.249736	-4.00423	0.156184	0.53907	-1.85505	4.07503	10.7082	2.33578	1
cg11882517	0.135604	0.663257	-1.50771	0.0868709	1.62045	1.62045	0.10882	0.639895	-1.56276	0.94555	1.01759	1.01759	3.42306	3.53292	0.917417	1
cg02516530	0.813961	0.956392	-1.0456	0.00110165	0.40253	-2.48429	0.00646188	0.511825	-1.95379	0.470811	1.14885	1.14885	20.6433	11.6965	0.503645	1
cg23324442	0.0803054	0.560947	-1.7827	0.000866379	0.225469	-4.4352	0.36754	0.758947	-1.31762	0.0348966	0.480652	-2.08051	6.33701	8.91197	1.25008	1
cg07554939	0.271111	0.888742	-1.12519	0.000134963	1.97497	1.97497	0.722055	1.03745	1.03745	0.102314	0.831889	-1.20208	26.8076	4.49956	0.149197	1
cg02217035	0.277307	1.30205	1.30205	8.77E-05	0.193511	-5.16767	0.00349259	0.39624	-2.52372	0.0166106	0.504931	-1.98047	13.8313	11.9545	0.768275	1
cg21143587	0.00153087	0.26115	-3.82921	0.000686844	0.217345	-4.60098	0.00796581	2.72228	2.72228	0.877379	1.04651	1.04651	11.9617	16.4202	1.2202	1
cg01623825	0.270814	1.20618	1.20618	0.00134999	2.14082	2.14082	0.00257549	1.98033	1.98033	0.435939	1.13878	1.13878	10.5939	4.4855	0.37636	1
cg22502625	0.656966	0.888627	-1.12533	0.000794129	0.262161	-3.81445	0.741306	0.916203	-1.09146	0.0227392	0.48663	-2.05495	10.1076	11.1719	0.98248	1
cg10409043	0.0187934	0.525334	-1.90355	0.000766011	0.315852	-3.16604	0.0207137	0.532692	-1.87726	0.0216015	0.53589	-1.86605	7.96425	6.44976	0.719857	1
cg16051352	0.041581	1.64057	1.64057	0.0900383	0.674579	-1.48241	0.0387286	1.65591	1.65591	0.00767023	2.05854	2.05854	7.38987	5.19569	0.624962	1
cg01104208	0.432342	0.806264	-1.24029	0.00217379	0.314756	-3.17707	0.875672	1.04297	1.04297	0.691607	0.898393	-1.1131	7.26383	8.30835	1.01671	1
cg05763097	0.0101453	0.230977	-4.32943	0.00250093	0.149866	-6.67265	0.799573	0.891388	-1.12185	0.346005	1.5505	1.5505	6.37236	20.6112	2.87508	1
cg20598457	0.0400381	1.79702	1.79702	0.00157144	3.06975	3.06975	0.00742353	2.34373	2.34373	0.137344	1.48475	1.48475	5.874	5.67547	0.858846	1
cg17003143	0.0371807	1.71153	1.71153	0.0984648	1.49564	1.49564	0.0713871	1.56412	1.56412	0.941674	1.01639	1.01639	5.68878	4.44621	0.694733	1
cg10973146	0.321519	0.50166	-1.99338	0.502388	0.632226	-1.58171	0.00541083	11.7726	11.7726	0.00719233	10.3489	10.3489	5.39554	38.7677	6.38679	1
cg05168580	0.493545	0.776194	-1.28834	0.000979415	0.16758	-5.96731	0.0489393	2.26877	2.26877	0.147233	0.567392	-1.76245	4.92453	10.3548	1.86906	1
cg10422233	0.0564657	1.59266	1.59266	0.0211414	1.81751	1.81751	0.0103729	2.00519	2.00519	0.940218	0.983966	-1.0163	3.69289	2.71648	0.653865	1
cg23541019	0.000334976	0.29808	-3.3548	3.89E-05	0.19232	-5.19966	0.197669	0.752081	-1.32964	0.212916	0.759973	-1.31584	20.7367	14.378	0.616321	1
cg01649064	0.0098617	0.519621	-1.92448	0.822428	1.04615	1.04615	0.843278	1.04053	1.04053	0.000459571	0.330521	-3.02552	18.0102	11.4939	0.567277	1
cg20070837	0.567333	1.21026	1.21026	0.842788	0.936558	-1.06774	0.368794	0.737353	-1.3562	0.639566	0.855825	-1.16846	7.53817	13.0077	1.53385	1
cg07103895	0.00900059	1.53609	1.53609	0.000870382	1.90712	1.90712	0.161647	1.21308	1.21308	0.526068	0.920321	-1.08658	6.99061	1.84941	0.235162	1
cg02198617	0.989876	0.998132	-1.00187	0.175139	1.2368	1.2368	0.00084652	0.477368	-2.09482	0.937629	0.988532	-1.0116	6.41788	2.20808	0.305824	1
cg00460818	0.881318	0.926225	-1.07965	0.748949	0.848139	-1.17905	0.0123836	0.202479	-4.93879	0.00892618	0.1815	-5.50964	6.10512	25.445	3.70472	1
cg22862412	0.801439	0.954048	-1.04817	0.924706	1.0178	1.0178	0.00994627	0.544563	-1.83633	0.57321	1.11211	1.11211	7.70632	4.25341	0.490611	1
cg21575078	0.583255	0.864848	-1.15627	0.00343911	2.83298	2.83298	0.12909	1.53693	1.53693	0.197664	0.699877	-1.42882	6.63846	7.22056	0.966832	1
cg21198603	0.108324	0.824878	-1.2123	0.00309355	0.64089	-1.56033	0.487705	0.925441	-1.08057	0.232303	1.14759	1.14759	4.88514	0.934467	0.170033	1
cg21241291	0.000763617	0.138857	-7.20167	0.498073	1.30515	1.30515	0.641369	1.19917	1.19917	0.188687	1.71468	1.71468	4.4926	10.6668	2.1105	1
cg05252161	0.0645058	2.9229	2.9229	0.0452295	0.305293	-3.27554	0.33687	0.599665	-1.6676	0.569016	0.742844	-1.34618	4.44355	18.7717	3.75509	1
cg03495832	0.0111946	0.472337	-2.11713	0.0246248	1.88048	1.88048	0.0953157	0.648933	-1.54099	0.540988	0.864132	-1.15723	3.61415	3.18709	0.783854	1
cg15893035	0.708661	0.933102	-1.07169	0.000425505	0.35724	-2.79924	0.527983	0.888741	-1.12519	0.00202969	0.448104	-2.23162	8.11421	4.37314	0.479065	1
cg24162377	0.566184	1.0746	1.0746	0.000161533	2.22377	2.22377	0.0945958	0.796146	-1.25605	0.0758007	0.782548	-1.27788	7.42127	1.80947	0.21673	1
cg04836972	0.0369253	1.57756	1.57756	0.00559671	1.98251	1.98251	0.0139821	1.77	1.77	0.970783	1.00691	1.00691	4.95612	2.77775	0.498195	1
cg14386691	0.320598	1.22254	1.22254	0.0663235	0.668158	-1.49665	0.593166	0.899798	-1.11136	0.4121	0.848575	-1.17845	9.63096	5.84733	0.539679	1
cg21028352	0.805695	1.04937	1.04937	0.956195	1.0108	1.0108	0.695313	1.08	1.08	0.00371305	0.464646	-2.15218	8.48222	5.13618	0.538243	1
cg04789056	0.0480934	0.594609	-1.68178	0.154427	1.42014	1.42014	0.708376	0.917173	-1.09031	0.828096	0.951192	-1.05131	4.24829	3.5625	0.745399	1
cg03565081	0.214143	0.496279	-2.015	0.00160578	0.0885816	-11.289	0.177209	0.463813	-2.15604	0.0874312	0.363949	-2.74763	4.08112	18.5471	4.03966	1
cg18643029	0.230005	1.42719	1.42719	0.151327	0.647748	-1.54381	0.0313197	2.04095	2.04095	0.703045	0.897468	-1.11425	3.99886	5.05213	1.12302	1
cg10218305	0.480771	1.33536	1.33536	0.0569084	2.38562	2.38562	0.0163483	3.26885	3.26885	0.961406	1.01972	1.01972	3.51	9.05169	2.29229	1
cg18183774	0.00535507	0.40102	-2.49364	0.00239121	0.348418	-2.87011	0.502202	1.1849	1.1849	0.000269687	0.225723	-4.43021	8.58054	8.4338	0.873688	1
cg17078815	0.0601191	1.20323	1.20323	0.000521552	0.623777	-1.60314	0.306857	0.911837	-1.09669	0.0439617	1.22382	1.22382	6.98275	0.841812	0.107161	1
cg27066162	0.328816	0.858933	-1.16424	0.949153	1.00967	1.00967	0.000379108	2.35546	2.35546	0.224734	1.21216	1.21216	4.6927	1.69191	0.320481	1
cg02887779	0.100402	1.3449	1.3449	0.0093315	1.72097	1.72097	0.312069	0.841836	-1.18788	0.772934	0.953485	-1.04878	4.37649	1.87882	0.3816	1
cg26488183	0.333449	1.35725	1.35725	0.052744	1.96244	1.96244	0.231316	1.46877	1.46877	0.00809727	0.354082	-2.8242	4.2968	6.37981	1.31981	1
cg04273745	0.386669	0.834132	-1.19885	0.00865575	1.98184	1.98184	0.519697	0.875127	-1.14269	0.000218192	0.283674	-3.52517	17.1579	11.351	0.588057	1
cg13077138	0.0157935	1.99892	1.99892	4.56E-05	6.08123	6.08123	0.0117139	2.09087	2.09087	0.154713	1.42864	1.42864	11.0131	9.56737	0.772203	1
cg24719138	0.592618	1.1236	1.1236	0.0077437	2.09187	2.09187	0.0365402	0.591955	-1.68932	0.000107321	0.228972	-4.36735	9.43498	6.95759	0.655489	1
cg27394486	0.217266	1.26764	1.26764	8.55E-05	3.62981	3.62981	0.0605786	1.4719	1.4719	0.762905	1.05683	1.05683	8.17262	4.32019	0.469882	1
cg06205155	0.594025	0.842424	-1.18705	0.202198	1.53599	1.53599	0.869514	1.0538	1.0538	0.000948047	0.207909	-4.80979	3.73542	6.00992	1.43013	1
cg10534635	0.192105	0.626094	-1.5972	0.00047653	0.155662	-6.42416	0.0121254	0.346294	-2.88772	0.411698	1.32931	1.32931	5.25966	9.58071	1.61915	1
cg27271756	0.0299137	0.767579	-1.3028	0.32855	1.11007	1.11007	0.141731	0.849087	-1.17774	0.770723	1.03072	1.03072	3.53319	0.599948	0.150937	1
cg13984173	0.00100975	0.484473	-2.0641	1.90E-06	0.172823	-5.78628	1.72E-05	0.270151	-3.70164	0.000262415	0.410194	-2.43787	33.5916	11.739	0.310633	1
cg25947121	0.167064	0.840309	-1.19004	0.000387599	0.512493	-1.95125	0.423552	0.907969	-1.10136	0.012275	1.44544	1.44544	18.0909	3.99746	0.196414	1
cg04034458	0.881352	1.03726	1.03726	0.187881	1.40745	1.40745	0.60601	0.880359	-1.1359	0.0167922	0.489332	-2.0436	5.19369	4.93401	0.844446	1
cg15674596	0.780005	0.880159	-1.13616	0.210207	1.8342	1.8342	0.221403	1.80446	1.80446	0.105474	2.26409	2.26409	7.06764	22.7567	2.50432	1
cg21292201	0.0340064	0.543187	-1.84099	0.000775165	0.285188	-3.50646	0.548961	1.16132	1.16132	0.00846108	0.43644	-2.29127	7.9867	7.69364	0.856272	1
cg18054026	0.0722046	1.65885	1.65885	0.953092	1.01495	1.01495	0.00403504	2.649	2.649	0.220416	1.384	1.384	6.38447	6.43349	0.895714	1
cg00623655	0.694311	0.938331	-1.06572	0.000814614	0.443336	-2.25562	0.0870249	0.737462	-1.356	0.0821692	0.733199	-1.36389	5.63907	2.31937	0.365603	1
cg24094450	0.195104	0.605879	-1.65049	5.03E-05	0.0620564	-16.1144	0.00305265	0.226812	-4.40894	0.0881099	0.502513	-1.99	13.1298	27.801	1.88212	1
cg16966243	0.102408	0.654833	-1.52711	0.000539552	3.57778	3.57778	0.0864458	1.56618	1.56618	0.00682357	2.29369	2.29369	12.1957	10.838	0.789931	1
cg25349610	0.00288972	0.232822	-4.29512	0.000233714	0.114042	-8.76871	0.000647295	0.155433	-6.43363	0.0280498	0.397256	-2.51727	11.5025	23.0595	1.78199	1
cg08462545	0.0634877	0.788573	-1.26811	0.0254207	1.35308	1.35308	0.121642	1.21048	1.21048	0.0158236	1.40003	1.40003	10.5484	2.16476	0.18242	1
cg00316803	0.0244384	0.414382	-2.41323	0.00860389	0.332537	-3.00718	0.123051	0.577554	-1.73144	0.03874	0.45545	-2.19563	9.2057	15.7411	1.51993	1
cg16452361	?	?	?	0.907488	0.958582	-1.04321	0.431621	0.746062	-1.34037	0.0293555	2.60741	2.60741	11.256	17.9695	1.59644	1
cg23482746	0.0118486	0.335898	-2.97709	0.00457934	0.269631	-3.70878	0.0217718	0.384357	-2.60175	0.010388	0.326082	-3.06672	8.28564	15.8212	1.69731	1
cg27277583	0.00114297	2.9232	2.9232	0.00493457	2.30515	2.30515	0.0912388	1.51769	1.51769	0.657594	0.904793	-1.10523	7.09673	5.6539	0.70817	1
cg11972810	0.0773983	1.6605	1.6605	0.295842	1.32316	1.32316	0.000925157	3.58915	3.58915	0.107702	1.57374	1.57374	6.48914	6.85784	0.939394	1
cg27321979	0.138662	1.22752	1.22752	0.000760799	0.518853	-1.92733	0.245805	1.16895	1.16895	0.400878	0.895315	-1.11693	6.30167	1.6506	0.232827	1
cg21739719	0.738444	1.07628	1.07628	0.00294595	0.408363	-2.4488	0.119619	0.690436	-1.44836	0.644658	0.903147	-1.10724	6.04633	4.60765	0.677385	1
cg22464760	0.0335932	0.563179	-1.77564	0.00196024	0.36333	-2.75232	0.233103	0.748866	-1.33535	0.0413177	0.580201	-1.72354	6.0075	5.09052	0.75321	1
cg12226028	0.0408151	2.74016	2.74016	0.0703958	2.37119	2.37119	0.00215118	6.29431	6.29431	0.0675796	2.39708	2.39708	5.38946	15.5575	2.56592	1
cg21729159	?	?	?	?	?	?	0.770315	1.14444	1.14444	0.792871	1.12891	1.12891	6.67213	14.2211	2.13141	1
cg00300908	0.0314266	0.644311	-1.55204	0.10389	1.36304	1.36304	0.00493711	1.91264	1.91264	0.260408	1.22685	1.22685	4.77816	2.29566	0.427066	1
cg24740818	0.214409	0.445858	-2.24286	0.0114224	0.141378	-7.07323	0.00859913	0.126064	-7.93246	0.0653495	0.278478	-3.59095	4.34787	26.2982	5.37647	1
cg05877280	0.0882255	0.484409	-2.06437	0.00663036	0.25724	-3.88742	0.0316779	0.378888	-2.63931	0.0619797	0.444963	-2.24738	4.32767	10.1755	2.09001	1
cg15805053	0.400322	0.708049	-1.41233	0.136001	1.92817	1.92817	?	?	?	0.988744	0.994406	-1.00563	5.13524	9.52632	1.59008	1
cg01024668	0.0472124	0.38952	-2.56726	0.116296	0.492307	-2.03125	0.0560209	2.45649	2.45649	0.503505	0.754352	-1.32564	6.15003	16.7933	2.4272	1
cg04790124	0.0108529	0.486418	-2.05584	4.70E-05	0.177466	-5.63488	1.65E-05	0.135913	-7.35762	0.00287415	0.397004	-2.51887	17.1525	13.7888	0.714577	1
cg01787808	0.00398844	0.422743	-2.3655	0.000766213	0.321813	-3.10739	0.00573611	0.446809	-2.23809	0.249155	1.3073	1.3073	11.9992	9.40549	0.696747	1
cg05378199	0.0565423	0.682758	-1.46465	5.59E-05	0.265969	-3.75984	0.00204143	0.4637	-2.15657	0.00157647	0.448282	-2.23074	10.8296	5.36012	0.439955	1
cg09949816	0.618585	1.13961	1.13961	4.16E-05	0.131011	-7.63295	0.735072	0.915362	-1.09246	0.0955597	0.620797	-1.61083	10.0436	10.7845	0.954465	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06852058	C15orf29	0.00675963	0.000475479	0.169072	-5.91465	?	?	?	0.15172	0.608018	-1.64469	0.35053	0.732501	-1.36519	0.0392296	0.46168	-2.166
cg09068447	C15orf29	0.00694432	0.0292125	0.427605	-2.33861	0.0227146	0.40588	-2.46378	0.585086	0.833358	-1.19996	0.00746357	0.320133	-3.1237	0.0144606	0.36919	-2.70863
cg21064337	C15orf29	0.0103867	0.444002	0.879335	-1.13722	0.00719518	0.564592	-1.77119	0.0022444	0.494131	-2.02375	0.36137	0.856752	-1.1672	0.0392317	1.48158	1.48158
cg19021732	C15orf29	0.0173982	0.0880085	0.596935	-1.67522	0.210383	0.696493	-1.43577	0.791755	0.93005	-1.07521	0.0946007	0.604408	-1.65451	0.04893	0.540001	-1.85185
cg05855071	C15orf29	0.0185817	0.540672	0.908048	-1.10126	0.988829	0.997822	-1.00218	0.43933	1.1307	1.1307	0.0514093	0.707938	-1.41255	0.00194176	0.505218	-1.97934
cg10489428	C15orf29	0.0449985	0.513845	0.922585	-1.08391	0.779936	0.966486	-1.03468	0.435202	0.907653	-1.10174	0.01938	0.708869	-1.4107	0.495483	1.08788	1.08788
cg03199192	C15orf29	0.0474845	0.981114	0.994499	-1.00553	0.761525	1.0735	1.0735	0.123974	0.678276	-1.47433	0.283932	1.29616	1.29616	0.101396	1.51885	1.51885
cg22958262	C15orf29;C15orf29	5.27E-06	0.126934	1.22057	1.22057	1.55E-07	0.139013	-7.19357	1.35E-05	0.332939	-3.00356	0.531249	0.926283	-1.07958	0.173635	1.191	1.191
cg16889217	C15orf32	3.93E-05	0.0659615	0.591867	-1.68957	0.384413	0.797129	-1.2545	0.00014129	0.188309	-5.31043	0.0361197	0.538152	-1.85821	0.0755709	0.604764	-1.65354
cg23433530	C15orf32	4.49E-05	0.189837	0.740093	-1.35118	0.241998	1.30399	1.30399	0.000230069	0.265596	-3.76512	0.516742	0.867199	-1.15314	0.73136	0.928026	-1.07756
cg03706358	C15orf32	0.000658789	0.535053	0.839863	-1.19067	0.361244	1.29788	1.29788	0.0216979	0.465048	-2.15031	0.655149	1.13302	1.13302	0.0374119	0.511215	-1.95612
cg17978274	C15orf32	0.00291061	0.646743	0.91283	-1.09549	0.253497	1.26581	1.26581	5.79E-05	0.229144	-4.36407	0.795317	0.949914	-1.05273	0.588373	0.897627	-1.11405
cg25455753	C15orf32;C15orf32	0.00263566	0.508546	0.876926	-1.14035	0.502225	1.14266	1.14266	8.61E-05	0.251449	-3.97694	0.127256	0.72401	-1.3812	0.00307983	0.452327	-2.21079
cg08197226	C15orf33	2.15E-06	0.172731	1.10993	1.10993	1.01E-06	0.397662	-2.5147	5.84E-06	0.480798	-2.07988	0.45365	1.0564	1.0564	0.0494369	1.17486	1.17486
cg25663741	C15orf33	0.000297507	0.000610731	0.197157	-5.07209	0.881209	0.955052	-1.04706	0.000514865	0.188813	-5.29625	0.00245375	0.273645	-3.65436	2.11E-05	0.0717104	-13.945
cg11163362	C15orf33	0.000408205	0.268454	0.872255	-1.14645	0.529994	1.07836	1.07836	0.00598543	0.65312	-1.53111	0.596326	0.938579	-1.06544	0.00264314	0.610604	-1.63772
cg20929551	C15orf33	0.00398805	0.74315	0.927877	-1.07773	0.000171796	0.233804	-4.27708	0.00931931	0.471964	-2.1188	0.852019	0.958379	-1.04343	0.006049	0.442097	-2.26195
cg11102324	C15orf33	0.00526093	0.592713	1.13314	1.13314	0.00365711	0.402558	-2.48412	0.000931302	0.318531	-3.13941	0.900363	0.97142	-1.02942	0.562985	0.873386	-1.14497
cg25951582	C15orf33;DTWD1;DTWD1	0.0219214	0.87998	0.974428	-1.02624	0.658186	0.926507	-1.07932	0.425835	0.869869	-1.1496	0.0032649	0.502828	-1.98875	0.18891	1.26951	1.26951
cg26829925	C15orf37;ST20	0.0489865	0.0875174	0.386355	-2.58829	0.054637	3.00147	3.00147	0.0661447	2.82693	2.82693	0.539641	1.36763	1.36763	0.0777348	0.372165	-2.68698
cg07961715	C15orf38	0.000978954	0.000276099	0.504564	-1.98191	0.719028	0.959344	-1.04238	0.0174878	0.717266	-1.39418	0.42309	1.09856	1.09856	0.000220966	0.493151	-2.02778
cg01370893	C15orf38	0.0088967	0.106382	0.523532	-1.9101	0.947617	0.976173	-1.02441	0.0069483	0.277524	-3.60329	0.509359	1.27848	1.27848	0.00149027	0.186137	-5.37238
cg01256846	C15orf38	0.0119443	0.0843593	0.629653	-1.58818	0.00316488	0.376473	-2.65624	0.00558218	0.414019	-2.41535	0.10362	0.649706	-1.53916	0.0522022	0.585649	-1.70751
cg22410057	C15orf38	0.0217968	0.910387	1.03079	1.03079	0.296856	1.33822	1.33822	0.0108634	2.36667	2.36667	0.47654	0.82285	-1.21529	0.30556	0.751435	-1.33079
cg26702670	C15orf38	0.0335337	0.190528	0.708512	-1.41141	0.0191157	2.02378	2.02378	0.615916	0.881853	-1.13398	0.762671	0.927479	-1.07819	0.0249767	0.515261	-1.94076
cg06184785	C15orf38	0.0370651	0.00846197	0.387937	-2.57774	0.0223456	0.462526	-2.16204	0.18963	0.676148	-1.47897	0.659755	0.88268	-1.13291	0.0187305	0.448233	-2.23098
cg01087294	C15orf38;C15orf38	0.0207977	0.0750718	1.32538	1.32538	0.456795	0.897898	-1.11371	0.644299	1.0683	1.0683	0.676118	0.942039	-1.06153	0.326907	1.15469	1.15469
cg19817367	C15orf39	0.00732936	0.888254	0.979798	-1.02062	0.0140834	0.644085	-1.55259	0.00057369	0.461241	-2.16807	0.688882	0.943252	-1.06016	0.039188	0.707222	-1.41398
cg10959933	C15orf39	0.0105957	0.00499108	0.47089	-2.12364	0.0225248	0.574759	-1.73986	0.0538804	0.641723	-1.55831	0.0130058	0.535467	-1.86753	0.00628334	0.486011	-2.05757
cg03968225	C15orf39	0.0166022	0.19436	0.857418	-1.16629	0.741321	0.963564	-1.03781	0.0290723	0.749596	-1.33405	0.0484533	0.776771	-1.28738	0.0104127	0.696682	-1.43538
cg26612947	C15orf39	0.0259858	0.391835	0.836568	-1.19536	0.269564	0.791469	-1.26347	0.030492	0.596193	-1.67731	0.865861	0.966196	-1.03499	0.0564221	1.55172	1.55172
cg25207952	C15orf39	0.029638	0.379283	0.722593	-1.3839	0.010096	0.310603	-3.21954	0.0047755	0.2594	-3.85505	0.447305	0.756543	-1.3218	0.0119926	0.32337	-3.09243
cg07158808	C15orf39	0.0304025	0.09766	0.591285	-1.69123	0.0125152	0.407284	-2.45529	0.0867995	0.578746	-1.72787	0.0231724	0.456165	-2.19219	0.0173371	0.432611	-2.31154
cg25410318	C15orf39	0.0325775	0.126779	1.50157	1.50157	0.0973589	1.56643	1.56643	0.313722	0.775181	-1.29002	0.826988	0.948155	-1.05468	0.0996205	0.640738	-1.5607
cg24242593	C15orf39	0.0485796	0.220714	0.825026	-1.21208	0.00107646	2.05737	2.05737	0.610376	0.926102	-1.0798	0.624639	0.928977	-1.07645	0.875034	1.02379	1.02379
cg05361709	C15orf39;C15orf39	0.0273143	0.682247	1.13695	1.13695	0.0342252	2.16055	2.16055	0.0836004	1.81683	1.81683	0.652575	0.868227	-1.15177	0.0131043	0.383122	-2.61014
cg02750322	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.00213814	0.804124	0.953721	-1.04852	0.529773	0.885698	-1.12905	0.253798	0.796729	-1.25513	0.78673	0.949603	-1.05307	0.00313888	0.463031	-2.15968
cg24717799	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.000141514	0.0348494	1.5623	1.5623	0.0113855	0.562895	-1.77653	0.122778	0.73835	-1.35437	0.0415215	1.53173	1.53173	8.54E-06	0.172608	-5.79348
cg01744160	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.00124564	0.000723323	0.0380535	-26.2788	0.000688618	27.0886	27.0886	0.000776155	25.1694	25.1694	0.250842	0.519123	-1.92633	0.0130246	0.165439	-6.04454
cg00040945	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.0144089	0.596747	0.849862	-1.17666	0.186044	0.652357	-1.5329	0.0183899	0.418318	-2.39053	0.104012	0.581843	-1.71868	0.0016224	0.252523	-3.96003
cg00202460	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.033883	0.357804	0.680575	-1.46935	0.0252145	0.338559	-2.9537	0.492913	0.753237	-1.3276	0.815958	0.909488	-1.09952	0.00225607	0.175624	-5.69397
cg07523536	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.042757	0.924252	1.03532	1.03532	0.0816799	0.488849	-2.04562	0.0027187	0.203209	-4.92105	0.772024	0.899348	-1.11192	0.207053	1.6318	1.6318
cg18407136	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.0460857	0.0187844	0.308486	-3.24164	0.106145	0.482411	-2.07292	0.857802	1.0769	1.0769	0.347738	1.49089	1.49089	0.0111302	0.268571	-3.7234
cg04819351	C15orf41	0.00271228	0.178788	0.634477	-1.5761	0.677919	0.875444	-1.14228	0.0482777	2.05204	2.05204	0.00110866	4.62205	4.62205	0.0224793	0.418655	-2.3886
cg18558073	C15orf41	0.00642096	0.652377	0.877343	-1.13981	0.000231618	0.171454	-5.83247	0.440877	0.797071	-1.25459	0.266522	1.39666	1.39666	0.0276805	0.4718	-2.11954
cg14810638	C15orf41	0.0147785	0.148124	0.588525	-1.69916	0.863844	1.0604	1.0604	0.531895	1.24156	1.24156	0.100543	1.84914	1.84914	0.0178619	0.373894	-2.67456
cg21326480	C15orf41;C15orf41	4.30E-05	4.94E-06	0.198823	-5.0296	0.702704	0.942268	-1.06127	9.71E-05	0.34143	-2.92886	0.0281836	0.669042	-1.49468	3.28E-05	0.286164	-3.49449
cg00062070	C15orf41;C15orf41	0.0128987	0.648424	0.922026	-1.08457	0.00401402	0.504773	-1.98109	0.00196212	0.461189	-2.16831	0.440503	1.14925	1.14925	0.344755	0.841894	-1.1878
cg00057092	C15orf41;C15orf41	0.0168634	0.0109947	0.717621	-1.39349	0.434948	1.08638	1.08638	0.780408	0.971351	-1.02949	0.29275	0.892686	-1.12021	0.742188	0.96625	-1.03493
cg26736154	C15orf41;C15orf41	0.0276389	0.147041	0.61891	-1.61574	0.0992022	0.572777	-1.74588	0.0141523	0.393201	-2.54323	0.544708	0.827774	-1.20806	0.000830232	0.211902	-4.71916
cg00297993	C15orf41;C15orf41	0.0354368	0.255341	0.711396	-1.40569	0.0993817	0.59574	-1.67858	0.534957	0.835119	-1.19743	0.380271	0.772531	-1.29445	0.000619637	0.220785	-4.52929
cg13618891	C15orf42	0.000889837	0.000227504	0.374969	-2.66689	0.081381	0.733975	-1.36244	0.0022773	0.504973	-1.98031	0.0662454	0.719039	-1.39075	0.0108235	0.599046	-1.66932
cg11825020	C15orf42	0.00106781	0.316153	0.940008	-1.06382	0.177276	1.08937	1.08937	0.56496	1.03534	1.03534	0.0034339	1.26779	1.26779	0.0230981	1.17606	1.17606
cg16767040	C15orf42	0.0312952	0.163532	0.727365	-1.37483	0.2666	0.780526	-1.28119	0.336365	1.2364	1.2364	0.671597	0.912752	-1.09559	0.00064451	0.326001	-3.06748
cg22095582	C15orf42	0.0396404	0.390194	0.783521	-1.27629	0.310525	0.747714	-1.33741	0.0155096	0.439296	-2.27637	0.257501	0.720791	-1.38737	0.685198	1.11954	1.11954
cg24252746	C15orf43	6.50E-06	0.88056	1.00984	1.00984	2.03E-05	0.570421	-1.75309	0.000454236	1.43316	1.43316	0.020196	0.833216	-1.20017	0.191317	0.913825	-1.0943
cg17162981	C15orf43	0.00135097	0.882193	1.03498	1.03498	0.272898	1.30291	1.30291	0.35379	1.2476	1.2476	0.4092	0.82224	-1.21619	1.70E-05	0.129153	-7.74275
cg12115928	C15orf43	0.00833315	0.849137	0.977682	-1.02283	0.564458	1.07148	1.07148	0.000183832	0.472741	-2.11532	0.132427	0.824943	-1.21221	0.572449	1.06994	1.06994
cg12227757	C15orf43	0.0362255	0.20975	1.25077	1.25077	0.0253904	0.637766	-1.56797	0.0510898	0.686555	-1.45655	0.466482	1.13365	1.13365	0.654968	0.92669	-1.07911
cg19989229	C15orf44;C15orf44	0.0219588	0.0253861	0.351267	-2.84683	0.0125785	0.294695	-3.39334	0.0250077	0.349968	-2.85741	0.175678	0.567266	-1.76284	0.0643916	0.441273	-2.26617
cg12919135	C15orf44;C15orf44;C15orf44	0.00872454	?	?	?	0.32498	0.543263	-1.84073	0.968268	0.976403	-1.02417	0.0616183	0.282572	-3.53892	0.00476726	0.105451	-9.48311
cg06333492	C15orf44;C15orf44;C15orf44	0.0429368	0.151516	0.475216	-2.10431	0.0530863	0.345045	-2.89817	0.865937	0.921453	-1.08524	0.0319674	0.296199	-3.37611	0.00953154	0.203988	-4.90226
cg06751446	C15orf48;C15orf48	0.00851547	0.0131459	4.97955	4.97955	0.115471	2.44342	2.44342	0.208868	1.99695	1.99695	0.188954	2.06804	2.06804	0.00730907	6.08468	6.08468
cg11429271	C15orf48;C15orf48	0.038962	0.23155	1.63695	1.63695	0.285998	1.54526	1.54526	0.38074	0.702498	-1.42349	0.946482	0.973979	-1.02672	0.83361	1.08613	1.08613
cg18384926	C15orf48;C15orf48	0.0463566	0.0347945	16.5812	16.5812	0.031691	17.7203	17.7203	0.126122	6.61233	6.61233	0.0892785	8.48825	8.48825	0.151392	5.78122	5.78122
cg06123942	C15orf48;C15orf48;C15orf48;C15orf48	0.031616	0.0181642	12.6928	12.6928	0.0740011	5.83574	5.83574	0.163044	3.73985	3.73985	0.0946681	5.09005	5.09005	0.154268	3.86132	3.86132
cg23505252	C15orf48;MIR147B;C15orf48	9.99E-06	0.762605	0.969506	-1.03145	0.0196116	0.749577	-1.33409	0.00127063	0.618406	-1.61706	0.00733078	1.42385	1.42385	6.29E-06	0.356562	-2.80456
cg20636382	C15orf48;MIR147B;C15orf48	0.0233193	0.249621	1.21134	1.21134	0.161507	0.788009	-1.26902	0.0594696	0.712491	-1.40353	0.147218	1.28126	1.28126	0.0170755	0.629193	-1.58934
cg16764564	C15orf50	0.00119509	0.078697	0.680256	-1.47003	0.009777	0.524889	-1.90516	0.00566103	0.48858	-2.04675	0.0054047	0.485561	-2.05947	6.45E-05	0.234865	-4.25777
cg24844971	C15orf50	0.00586278	0.0156984	0.409762	-2.44044	0.02487	0.44731	-2.23559	0.0649971	0.535636	-1.86694	0.0496362	0.509268	-1.9636	0.000342951	0.17608	-5.67925
cg10236962	C15orf50	0.0107765	0.101143	0.696833	-1.43506	0.266473	1.26234	1.26234	0.000308883	0.307837	-3.24847	0.257332	1.26853	1.26853	0.222891	0.772818	-1.29397
cg16444103	C15orf50	0.0178972	0.223985	0.764764	-1.30759	0.761949	1.06586	1.06586	0.000461413	0.31439	-3.18076	0.768127	0.93982	-1.06403	0.494744	0.864541	-1.15668
cg12394879	C15orf51	0.000177347	0.22095	0.840148	-1.19027	0.000936951	1.95094	1.95094	0.000110305	0.398061	-2.51218	0.0294268	1.41508	1.41508	0.000239348	0.439034	-2.27773
cg13161263	C15orf51	0.000606126	0.000623234	0.466651	-2.14293	0.0448707	1.39571	1.39571	0.334217	0.865689	-1.15515	0.0132971	1.55927	1.55927	0.00185417	0.5274	-1.89609
cg16400843	C15orf51	0.00265219	0.34107	0.792644	-1.2616	0.000108395	5.03243	5.03243	0.470141	0.840263	-1.1901	0.0768555	1.59368	1.59368	0.0391302	0.568092	-1.76028
cg12656374	C15orf51	0.00522462	0.000886102	0.279244	-3.58109	0.00539864	0.391425	-2.55477	0.0319158	0.525244	-1.90388	0.443212	1.22167	1.22167	0.00971123	0.43266	-2.31129
cg13870107	C15orf51	0.0288793	0.00451933	0.31909	-3.13391	0.0440557	0.497356	-2.01063	0.485611	0.80743	-1.2385	0.712941	1.11801	1.11801	0.00323183	0.297376	-3.36275
cg09427370	C15orf52	0.00366087	0.19402	0.834032	-1.199	0.316741	0.872234	-1.14648	0.00102664	0.525906	-1.90148	0.0274766	0.708641	-1.41115	0.149001	0.815142	-1.22678
cg16119128	C15orf52	0.0423653	0.0346315	0.528772	-1.89117	0.00499756	0.38252	-2.61425	0.115853	0.64268	-1.55598	0.313434	0.763611	-1.30957	0.109232	0.636496	-1.5711
cg21039679	C15orf53	0.00196839	0.000401093	0.377816	-2.64679	0.23964	1.23723	1.23723	0.000832269	0.419082	-2.38617	0.789534	1.04734	1.04734	0.00144554	0.451177	-2.21643
cg08274633	C15orf53	0.018236	0.0354301	0.524295	-1.90732	0.033167	1.9281	1.9281	0.332399	0.768255	-1.30165	0.351463	0.776609	-1.28765	0.757758	0.921673	-1.08498
cg12609829	C15orf53	0.0199416	0.700602	0.925263	-1.08077	0.6359	0.908569	-1.10063	0.0338926	0.607777	-1.64534	0.00746818	0.500317	-1.99873	0.531636	1.13586	1.13586
cg20678353	C15orf53	0.0355963	0.0894123	0.651407	-1.53514	0.915056	1.02472	1.02472	0.0225649	0.535209	-1.86843	0.0108936	0.48116	-2.07831	0.048483	0.596956	-1.67517
cg04326808	C15orf54;C15orf54	0.00922034	0.498592	0.860964	-1.16149	0.170298	0.727425	-1.37471	0.00176872	0.378948	-2.63889	0.398773	1.20714	1.20714	0.0162729	0.527143	-1.89702
cg18768283	C15orf55	0.000882118	0.180368	1.37263	1.37263	0.0013793	0.355976	-2.80918	0.00104877	0.339714	-2.94365	0.00078443	0.322866	-3.09726	0.752764	0.932061	-1.07289
cg24620418	C15orf55	0.0241306	0.243306	0.479959	-2.08351	0.0343072	0.2266	-4.41307	0.493963	0.658597	-1.51838	0.131644	0.375871	-2.66049	0.00452861	0.10288	-9.72011
cg12753858	C15orf55	0.0332231	0.209553	0.480476	-2.08127	0.0115584	0.173734	-5.75593	0.0783592	0.338319	-2.95579	0.0457772	0.281086	-3.55763	0.0639813	0.31543	-3.17028
cg25985323	C15orf57;C15orf57;C15orf57	0.000859563	0.612038	1.27	1.27	1.40E-05	0.00822721	-121.548	0.507201	1.36991	1.36991	?	?	?	0.478707	0.71392	-1.40072
cg00845593	C15orf57;C15orf57;C15orf57	0.0208783	0.0382697	2.14886	2.14886	0.0033108	0.2796	-3.57654	0.792835	0.919568	-1.08747	0.143729	1.64946	1.64946	0.92344	0.969842	-1.0311
cg02461011	C15orf58;CIB1	0.0421302	0.00617239	0.350926	-2.84961	0.999549	1.00017	1.00017	0.869135	0.952808	-1.04953	0.719178	0.899555	-1.11166	0.0277024	0.46626	-2.14472
cg24133784	C15orf59	0.000377901	0.098349	1.88511	1.88511	4.72E-05	14.6245	14.6245	3.88E-05	15.7507	15.7507	0.612058	1.19585	1.19585	?	?	?
cg16900255	C15orf59	0.00802178	0.5271	1.19808	1.19808	0.00678081	0.371735	-2.69009	0.0315492	0.491109	-2.03621	0.831747	0.941761	-1.06184	0.260264	1.39259	1.39259
cg27655921	C15orf59	0.0423673	0.277976	0.843428	-1.18564	0.0127562	0.626856	-1.59526	0.363779	0.8686	-1.15128	0.513959	0.904924	-1.10506	0.122664	0.776877	-1.2872
cg13328400	C15orf59;C15orf59	0.00432712	0.329859	1.22193	1.22193	0.00162778	0.406618	-2.45931	0.0392795	0.62165	-1.60862	0.0325603	1.6465	1.6465	0.198404	0.762675	-1.31117
cg03986909	C15orf60	7.11E-06	0.0138095	0.627874	-1.59268	0.400337	0.876637	-1.14072	5.25E-05	0.314781	-3.17681	0.000163085	0.373914	-2.67441	1.08E-06	0.142754	-7.00506
cg25838575	C15orf60	0.0010859	0.0789434	0.780362	-1.28146	7.36E-05	0.400003	-2.49998	0.00145352	0.557261	-1.79449	0.977724	1.00356	1.00356	0.257838	1.16196	1.16196
cg19331677	C15orf60	0.00161448	0.190543	0.736783	-1.35725	0.00389049	2.35528	2.35528	0.21028	0.747573	-1.33766	5.96E-05	0.194761	-5.13451	0.316346	0.795901	-1.25644
cg22299719	C15orf60	0.00214648	0.689338	0.925787	-1.08016	0.0798134	1.45215	1.45215	0.143246	0.739434	-1.35239	3.64E-05	0.217378	-4.60028	0.573369	1.11537	1.11537
cg17366808	C15orf60	0.00657957	0.46662	0.765139	-1.30695	0.606393	0.828775	-1.2066	0.00054859	0.14375	-6.95653	0.0573358	0.459812	-2.1748	0.000675516	0.152859	-6.54196
cg19985018	C15orf60	0.00733941	0.722698	1.06353	1.06353	0.156462	1.29955	1.29955	0.00167963	0.460082	-2.17352	0.116776	1.34253	1.34253	0.0665675	1.42704	1.42704
cg17295119	C15orf60	0.0076334	0.109948	0.726374	-1.3767	0.0298531	1.59832	1.59832	0.195958	0.778092	-1.2852	0.0002826	0.336655	-2.9704	0.852924	0.966522	-1.03464
cg14346202	C15orf60	0.0381571	0.131573	0.647211	-1.54509	0.141053	1.52671	1.52671	0.0112624	0.428031	-2.33628	0.0111319	0.427167	-2.341	0.0944653	0.611816	-1.63448
cg12056138	C15orf60	0.0414974	0.66754	0.896742	-1.11515	0.0951086	0.629672	-1.58813	0.0340163	0.535744	-1.86656	0.818302	1.05976	1.05976	0.344441	0.782221	-1.27841
cg12165240	C15orf60	0.0452061	0.252821	1.26431	1.26431	0.0186686	1.75031	1.75031	0.285726	1.24322	1.24322	0.847984	1.0384	1.0384	0.0118435	1.85332	1.85332
cg08491013	C15orf60	0.0452279	0.810287	0.943637	-1.05973	0.00436853	0.399153	-2.5053	0.0370933	0.557717	-1.79302	0.966487	1.01019	1.01019	0.520637	0.854643	-1.17008
cg10480461	C15orf60;C15orf60	0.006152	0.814183	0.883298	-1.13212	0.12203	0.413392	-2.41901	0.000327482	0.0469193	-21.3132	0.882328	0.924904	-1.08119	0.00107357	0.0783738	-12.7594
cg00063649	C15orf61	0.00177712	0.341657	1.13366	1.13366	0.576477	0.930299	-1.07492	0.213496	1.18261	1.18261	0.00395573	1.64257	1.64257	0.191312	0.837663	-1.1938
cg21788615	C15orf61	0.00551748	0.0385589	0.419931	-2.38134	0.002895	0.227014	-4.40501	0.0678617	0.476881	-2.09696	0.875381	1.05847	1.05847	0.000999591	0.170464	-5.86633
cg08154944	C15orf61	0.0297952	0.0105341	0.174974	-5.71514	0.226431	0.502617	-1.98959	0.285633	0.54845	-1.82332	0.729009	0.828303	-1.20729	0.21394	0.492255	-2.03147
cg22706883	C15orf61	0.0339962	0.0229321	0.263764	-3.79127	0.0800349	0.386265	-2.58889	0.541835	0.739007	-1.35317	0.482605	0.705043	-1.41835	0.0344414	0.298763	-3.34714
cg08864283	C16orf11	0.000135945	0.000588968	0.16485	-6.06611	0.0485842	0.465359	-2.14888	0.00027081	0.131672	-7.59462	0.513029	1.25263	1.25263	2.77E-05	0.0606035	-16.5007
cg09476347	C16orf11	0.000544535	0.0193228	0.500671	-1.99732	0.0254358	1.91454	1.91454	0.0164513	0.488323	-2.04783	0.287562	1.30998	1.30998	3.94E-05	0.146136	-6.84292
cg06951750	C16orf11	0.00109797	0.653236	1.11763	1.11763	0.364251	0.795106	-1.25769	3.94E-05	0.144492	-6.92078	0.181276	0.705383	-1.41767	0.000953676	0.297982	-3.3559
cg01435178	C16orf11	0.00112674	0.204984	0.586816	-1.70411	0.0309229	0.364234	-2.74549	0.000659556	0.125002	-7.99986	0.0755884	0.454582	-2.19982	6.06E-05	0.0522246	-19.148
cg03395191	C16orf11	0.00126629	0.430052	0.853137	-1.17214	0.46384	0.86327	-1.15839	0.220111	0.775503	-1.28949	0.987651	0.996953	-1.00306	0.113209	1.40483	1.40483
cg08133584	C16orf11	0.00378732	0.0473029	0.555521	-1.80011	0.00296377	0.34769	-2.87613	0.293349	0.754013	-1.32624	0.000971915	3.56583	3.56583	0.0346182	0.528292	-1.89289
cg19149524	C16orf11	0.00755783	0.0666379	0.798018	-1.2531	0.0316001	0.758425	-1.31852	0.656212	0.952034	-1.05038	0.252405	0.877074	-1.14015	0.46193	0.921122	-1.08563
cg16452248	C16orf11	0.0128093	0.379522	1.36399	1.36399	0.0256894	0.401555	-2.49032	0.397175	0.741914	-1.34787	0.890561	0.953702	-1.04855	0.000531942	0.156135	-6.40471
cg24160381	C16orf11	0.0166323	0.00928325	0.378614	-2.64122	0.0245055	0.454575	-2.19986	0.533882	0.830785	-1.20368	0.722111	0.90026	-1.11079	0.00869215	0.373828	-2.67503
cg09303678	C16orf11	0.0412892	0.0985459	1.87951	1.87951	0.0476719	0.454375	-2.20082	0.101208	0.535179	-1.86853	0.086355	1.93467	1.93467	0.00800897	0.306166	-3.26621
cg27558697	C16orf11	0.0462741	0.0292708	0.177863	-5.62231	0.651455	0.736561	-1.35766	0.278434	0.468719	-2.13348	0.315728	0.497845	-2.00866	0.0082352	0.103066	-9.70248
cg16757281	C16orf13;C16orf13;C16orf13;C16orf13;C16orf13	0.0287495	0.0213418	0.255628	-3.91194	0.422055	0.667388	-1.49838	0.0508456	2.99494	2.99494	0.29345	0.584291	-1.71148	0.091353	0.399805	-2.50122
cg04807152	C16orf35;C16orf35	6.02E-07	3.15E-06	0.42963	-2.32759	5.42E-05	1.77666	1.77666	0.0765256	0.860261	-1.16244	0.000653859	0.670924	-1.49048	7.69E-08	0.255206	-3.91841
cg06171619	C16orf35;C16orf35	0.000148836	0.592424	1.10171	1.10171	0.181093	1.28985	1.28985	0.00151842	0.441044	-2.26735	2.59E-06	0.130865	-7.64145	0.0352288	0.644262	-1.55216
cg24399405	C16orf35;C16orf35	0.000252314	0.000242756	0.500104	-1.99958	0.00394066	1.55717	1.55717	0.480928	1.08524	1.08524	0.392217	0.904757	-1.10527	0.00670075	0.669274	-1.49416
cg00389577	C16orf35;C16orf35	0.000426546	0.287475	0.814657	-1.22751	0.045841	1.52937	1.52937	0.728484	0.937364	-1.06682	0.00151442	0.428276	-2.33494	0.0967329	0.712898	-1.40273
cg02028423	C16orf35;C16orf35	0.000532061	0.0068804	0.427526	-2.33904	0.00199898	0.346638	-2.88485	0.220541	0.731406	-1.36723	0.22612	0.734427	-1.36161	5.57E-05	0.161993	-6.17311
cg09580244	C16orf35;C16orf35	0.000562001	0.135327	0.844393	-1.18428	9.41E-05	2.07801	2.07801	0.013518	1.37877	1.37877	0.123358	1.19169	1.19169	0.0803772	0.815631	-1.22604
cg16730559	C16orf35;C16orf35	0.00142444	0.613827	1.08229	1.08229	0.768792	1.04688	1.04688	0.090402	0.748269	-1.33642	0.00215728	1.95305	1.95305	0.554935	0.911365	-1.09725
cg08969593	C16orf35;C16orf35	0.00962816	0.868493	1.11422	1.11422	0.00325696	19.1923	19.1923	0.0133342	8.76485	8.76485	0.352135	1.87994	1.87994	?	?	?
cg08524197	C16orf35;C16orf35	0.0100337	0.847598	0.877888	-1.1391	0.00271883	66.5752	66.5752	0.00697496	25.5689	25.5689	?	?	?	0.105175	0.265518	-3.76623
cg02855078	C16orf35;C16orf35	0.0156718	0.489694	0.892906	-1.11994	0.0218878	1.5589	1.5589	0.359492	1.16426	1.16426	0.00267116	0.511535	-1.9549	0.0618296	0.712132	-1.40424
cg00928894	C16orf35;C16orf35;C16orf35	0.0116516	0.452213	0.889879	-1.12375	0.00287033	1.86786	1.86786	0.368914	0.868853	-1.15094	0.338411	1.16222	1.16222	0.83049	1.0332	1.0332

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06852058	0.0785927	0.531056	-1.88304	0.0200529	0.402955	-2.48167	0.117755	1.73382	1.73382	0.0187499	0.397444	-2.51608	6.82698	10.0868	1.47749	1
cg09068447	0.05989	0.495624	-2.01766	0.00100711	0.199136	-5.0217	0.00291889	0.258686	-3.8657	0.0160802	0.377565	-2.64855	6.63161	11.4824	1.53908	1
cg21064337	0.285586	1.20052	1.20052	0.457225	1.13287	1.13287	0.0145191	0.608865	-1.6424	0.743734	0.947381	-1.05554	5.83923	2.51101	0.382243	1
cg19021732	0.00590468	0.372681	-2.68326	0.00098603	0.261312	-3.82684	0.0272582	0.488708	-2.04621	0.102875	0.613232	-1.6307	4.9311	5.86509	1.05725	1
cg05855071	0.582596	0.917186	-1.09029	0.377377	1.1515	1.1515	0.2371	1.21277	1.21277	0.014458	1.59897	1.59897	4.82318	1.85278	0.341458	1
cg10489428	0.894861	0.984037	-1.01622	0.00309658	0.61104	-1.63655	0.395113	1.11182	1.11182	0.191342	1.18336	1.18336	3.52557	0.827026	0.208515	1
cg03199192	0.69693	1.09549	1.09549	0.0311016	1.80331	1.80331	0.00833183	0.455774	-2.19407	0.271047	1.30607	1.30607	3.45503	2.97136	0.764453	1
cg22958262	0.550988	1.07556	1.07556	0.00218502	1.68019	1.68019	0.100226	1.2429	1.2429	0.0273101	0.729558	-1.37069	47.8787	11.0547	0.205235	1
cg16889217	0.261726	1.34656	1.34656	4.66E-07	0.0271379	-36.8488	0.0360384	0.53796	-1.85888	0.180674	0.696708	-1.43532	28.3703	29.0439	0.909996	1
cg23433530	0.393734	0.827496	-1.20846	5.40E-07	0.0489462	-20.4306	0.702204	1.08683	1.08683	0.151717	0.71685	-1.39499	27.3938	20.382	0.661365	1
cg03706358	0.170992	0.667	-1.49925	7.75E-06	0.0655171	-15.2632	0.191205	0.68083	-1.4688	0.024739	0.475826	-2.10161	13.2338	16.1756	1.08648	1
cg17978274	0.128787	0.72292	-1.38328	0.467243	1.15744	1.15744	0.338132	0.822696	-1.21552	0.00537769	0.48461	-2.06352	8.63531	5.34301	0.549991	1
cg25455753	0.0177843	0.568753	-1.75823	0.4713	1.1543	1.1543	0.801162	1.05066	1.05066	0.656916	1.09149	1.09149	8.89248	5.40064	0.539846	1
cg08197226	0.0091597	0.788298	-1.26856	1.13E-06	2.48279	2.48279	0.735774	1.02464	1.02464	0.0013487	0.71558	-1.39747	60.292	4.93298	0.0727273	1
cg25663741	0.302787	1.38859	1.38859	0.84232	1.06317	1.06317	0.553108	0.831496	-1.20265	0.00343586	0.294556	-3.39494	16.4877	24.6995	1.3316	1
cg11163362	4.73E-05	0.402842	-2.48236	0.000151018	0.46243	-2.16249	0.289265	0.877714	-1.13932	0.000564649	0.530644	-1.8845	15.1153	3.36593	0.197941	1
cg20929551	0.190661	0.72945	-1.3709	0.535303	1.15364	1.15364	0.146371	1.42608	1.42608	0.196163	0.732605	-1.36499	7.85957	6.45093	0.729577	1
cg11102324	0.0109373	2.09459	2.09459	0.0594521	1.63643	1.63643	0.783825	0.938323	-1.06573	0.319138	0.787934	-1.26914	7.22534	6.13262	0.754458	1
cg25951582	0.0766226	1.40165	1.40165	0.334433	0.843102	-1.1861	0.0483599	1.47216	1.47216	0.0355628	1.52117	1.52117	4.55954	2.1225	0.413785	1
cg26829925	0.0502919	0.324637	-3.08037	?	?	?	0.226732	1.89628	1.89628	0.802398	0.881246	-1.13476	3.46525	12.4007	3.57857	1
cg07961715	0.00280613	0.623094	-1.60489	0.0755535	0.796698	-1.25518	0.000870439	0.563333	-1.77515	0.415767	0.908862	-1.10028	11.8377	2.47471	0.185826	1
cg01370893	0.00332084	0.230514	-4.33814	0.0368967	0.410811	-2.43421	0.38732	1.38434	1.38434	0.615261	0.830283	-1.20441	6.1348	13.0886	1.89644	1
cg01256846	0.0021053	0.3507	-2.85144	0.0411135	0.564982	-1.76997	0.0236715	0.51973	-1.92408	0.63288	0.889943	-1.12367	5.58191	5.18948	0.826396	1
cg22410057	0.00569743	0.376557	-2.65564	0.0844859	0.598074	-1.67203	0.77429	1.08053	1.08053	0.0528769	1.80885	1.80885	4.56845	5.24983	1.02147	1
cg26702670	0.302285	1.30427	1.30427	0.525696	0.852274	-1.17333	0.00710339	0.421257	-2.37385	0.388252	0.802667	-1.24585	3.92733	3.84351	0.869918	1
cg06184785	0.117382	0.619366	-1.61455	0.0454423	0.523996	-1.90841	0.0414716	0.515681	-1.93918	0.0175169	0.4429	-2.25785	3.78743	4.75913	1.11694	1
cg01087294	0.434691	0.892905	-1.11994	0.0124078	0.642574	-1.55624	0.00189944	1.86887	1.86887	0.790698	0.962903	-1.03853	4.64234	1.48492	0.284324	1
cg19817367	0.107108	1.29089	1.29089	0.0717651	1.33887	1.33887	0.51634	1.10023	1.10023	0.43952	1.12125	1.12125	6.52081	2.17618	0.296647	1
cg10959933	0.0544093	0.642512	-1.55639	0.0491455	1.57645	1.57645	0.113199	0.705117	-1.4182	0.279728	0.796317	-1.25578	5.80199	3.77485	0.578322	1
cg03968225	0.0220625	0.735204	-1.36017	0.00245388	0.623685	-1.60337	0.00592383	0.668108	-1.49676	0.184478	0.854092	-1.17083	5.00896	0.99589	0.176731	1
cg26612947	0.634143	0.907084	-1.10243	0.00427831	0.459624	-2.17569	0.0339355	0.604338	-1.6547	0.182683	1.33328	1.33328	4.29889	2.81698	0.58247	1
cg25207952	0.0142501	0.336567	-2.97118	0.125414	0.550224	-1.81744	0.446646	0.756226	-1.32236	0.115146	0.539531	-1.85346	4.10448	8.43493	1.82671	1
cg07158808	0.254181	0.70873	-1.41097	0.376129	1.30034	1.30034	0.0111644	0.398672	-2.50832	0.866381	1.0499	1.0499	4.06752	5.38588	1.177	1
cg25410318	0.256347	0.748272	-1.33641	0.0185456	2.04616	2.04616	?	?	?	0.0126079	2.18386	2.18386	4.42463	3.60527	0.712966	1
cg24242593	0.976207	0.995554	-1.00447	0.981499	0.996542	-1.00347	0.275037	1.1849	1.1849	0.913648	0.983925	-1.01634	3.42538	1.21082	0.314208	1
cg05361709	0.295342	0.712923	-1.40268	0.0796733	0.545265	-1.83397	0.100893	1.75108	1.75108	0.0576753	1.95278	1.95278	4.22447	6.50489	1.36872	1
cg02750322	0.0275468	0.608391	-1.64368	3.70E-05	0.220222	-4.54087	0.736704	1.06646	1.06646	0.363638	0.836925	-1.19485	9.45582	5.4452	0.511872	1
cg24717799	0.724234	1.06637	1.06637	0.0924109	0.714634	-1.39932	0.00175983	2.2445	2.2445	0.00655918	1.89757	1.89757	20.1709	10.5135	0.463307	1
cg01744160	0.224289	0.497128	-2.01156	0.852986	0.905015	-1.10495	0.840967	1.11416	1.11416	0.637924	0.774462	-1.29122	17.2782	75.3758	2.90832	1
cg00040945	0.334863	1.35393	1.35393	0.339447	0.740837	-1.34982	0.0840573	1.79032	1.79032	0.0963058	1.74431	1.74431	5.24991	7.71821	1.30681	1
cg00202460	0.686932	1.17924	1.17924	0.011436	0.275854	-3.62511	0.799332	1.10922	1.10922	0.897427	0.94887	-1.05388	3.9127	10.2616	2.33123	1
cg07523536	0.744687	1.12675	1.12675	0.0935036	1.9806	1.9806	0.634522	1.19125	1.19125	0.41383	1.35793	1.35793	3.91695	8.09157	1.60672	1
cg18407136	0.106194	2.07267	2.07267	0.170549	0.547234	-1.82737	0.557093	1.27802	1.27802	0.269482	0.621865	-1.60807	3.49415	9.44331	2.40232	1
cg04819351	0.940323	0.976434	-1.02413	0.00133207	0.226263	-4.41964	0.0152859	0.38729	-2.58205	0.461109	0.787422	-1.26997	8.81756	14.1677	1.42823	1
cg18558073	0.247932	0.705691	-1.41705	0.00430374	0.332316	-3.00918	0.207524	0.681441	-1.46748	0.840393	1.05992	1.05992	6.79511	8.96246	1.17241	1
cg14810638	0.170799	1.64606	1.64606	0.00116876	0.196234	-5.09596	0.850163	0.93742	-1.06676	0.102704	0.543281	-1.84067	5.20623	9.62819	1.64388	1
cg21326480	0.0260374	0.663918	-1.50621	5.95E-05	0.31617	-3.16285	0.00573042	0.570264	-1.75357	0.000288967	0.399694	-2.50192	27.6959	10.5477	0.338524	1
cg00062070	0.433662	1.15176	1.15176	0.0845555	1.40129	1.40129	0.0618334	0.689405	-1.45053	0.171212	0.772868	-1.29388	5.44403	2.69657	0.440289	1
cg00057092	0.821444	0.976764	-1.02379	0.000900449	1.67653	1.67653	0.312064	1.1149	1.1149	0.872379	0.983419	-1.01686	4.9829	0.853638	0.152279	1
cg26736154	0.404226	0.768629	-1.30102	0.082087	0.552145	-1.81112	0.667626	0.875297	-1.14247	0.131126	0.60498	-1.65295	4.20696	6.33386	1.33828	1
cg00297993	0.364594	0.765557	-1.30624	0.265712	0.717072	-1.39456	0.58413	0.853418	-1.17176	0.0470798	0.521197	-1.91866	3.8498	5.01361	1.1576	1
cg13618891	0.520566	0.900987	-1.10989	6.02E-05	0.305172	-3.27684	0.920815	1.01605	1.01605	0.0202749	0.638855	-1.5653	12.1617	4.93709	0.360849	1
cg11825020	0.134266	1.1012	1.1012	6.62E-05	0.64615	-1.54763	0.0487124	0.874248	-1.14384	0.815816	0.986168	-1.01403	11.5494	0.651844	0.0501686	1
cg16767040	0.188392	0.742034	-1.34765	0.970304	1.008	1.008	0.726044	1.07822	1.07822	0.80689	1.05383	1.05383	4.02579	2.92202	0.645177	1
cg22095582	0.180151	0.674106	-1.48345	0.0458141	0.530301	-1.88572	0.143846	1.54512	1.54512	0.00534795	0.361854	-2.76355	3.6954	4.49298	1.08074	1
cg24252746	0.359468	0.940473	-1.0633	3.67E-07	2.59339	2.59339	0.00381311	0.775591	-1.28934	0.448229	0.950903	-1.05163	45.3566	3.04788	0.0597316	1
cg17162981	0.683178	1.09982	1.09982	0.16936	1.40422	1.40422	0.75625	0.930344	-1.07487	0.204861	0.733303	-1.36369	10.7994	9.19641	0.756947	1
cg12115928	0.234944	1.15899	1.15899	0.0973221	1.24067	1.24067	0.449148	0.912641	-1.09572	0.852419	1.02232	1.02232	6.26311	1.39345	0.197765	1
cg12227757	0.775836	1.04951	1.04951	0.0116954	1.70449	1.70449	0.324661	0.841837	-1.18788	0.0737451	0.713608	-1.40133	3.81916	1.73314	0.40338	1
cg19989229	0.0881792	0.476743	-2.09757	0.00352108	0.210564	-4.74914	0.911192	1.04491	1.04491	0.0147056	0.306577	-3.26182	4.55687	11.1873	2.18226	1
cg12919135	0.00040691	0.0343029	-29.1521	0.546289	1.44274	1.44274	0.930999	0.949339	-1.05336	0.731453	0.813174	-1.22975	6.29831	31.954	5.07343	1
cg06333492	0.00854696	0.197035	-5.07523	?	?	?	0.159237	0.482717	-2.07161	0.506119	0.721362	-1.38627	3.64312	12.0215	3.29978	1
cg06751446	0.0175052	4.52561	4.52561	0.000457191	17.8434	17.8434	0.0104978	5.37289	5.37289	0.119381	2.41651	2.41651	6.22044	26.8533	3.83729	1
cg11429271	0.0257536	2.82949	2.82949	0.00698492	3.93653	3.93653	0.00631409	4.04245	4.04245	0.930747	1.03473	1.03473	3.71891	9.08528	2.17155	1
cg18384926	0.26891	3.72198	3.72198	0.0067902	54.8125	54.8125	0.0156303	29.4596	29.4596	0.046101	13.5807	13.5807	3.48646	71.9378	18.3409	1
cg06123942	0.0487732	7.3427	7.3427	0.00403839	30.5984	30.5984	0.0100946	17.7368	17.7368	0.0457757	7.60339	7.60339	4.01116	49.8577	11.0487	1
cg23505252	0.330688	0.902485	-1.10805	3.35E-07	0.220164	-4.54206	0.0198818	0.75024	-1.33291	0.0136324	0.732029	-1.36607	40.5762	6.71539	0.147112	1
cg20636382	0.05001	1.4278	1.4278	0.31094	0.846154	-1.18182	0.013999	0.616599	-1.6218	0.145118	0.779323	-1.28316	4.46358	1.79504	0.35747	1
cg16764564	0.894778	1.02645	1.02645	0.305738	1.23274	1.23274	0.178601	1.32572	1.32572	0.271064	1.25367	1.25367	11.1849	6.89588	0.548033	1
cg24844971	0.0101941	0.376784	-2.65404	0.01878	0.424076	-2.35807	0.00457259	0.320576	-3.11938	0.0612299	0.529675	-1.88795	6.98886	10.0481	1.27799	1
cg10236962	0.986164	1.0035	1.0035	0.369769	1.20362	1.20362	0.0758077	0.671915	-1.48828	0.215057	0.769058	-1.30029	5.77053	3.70013	0.569965	1
cg16444103	0.23016	0.767743	-1.30252	0.0634884	1.54971	1.54971	0.72938	1.07563	1.07563	0.225184	0.765347	-1.3066	4.88452	3.40953	0.620468	1
cg12394879	0.713152	1.05125	1.05125	0.00472092	1.6622	1.6622	0.0167082	1.48506	1.48506	0.035466	0.717894	-1.39296	18.9791	5.50774	0.257956	1
cg13161263	0.017748	1.51817	1.51817	0.00169986	1.91385	1.91385	0.00511162	1.70873	1.70873	0.81448	1.03463	1.03463	13.5454	4.49898	0.295235	1
cg16400843	0.0461448	1.71808	1.71808	0.0851095	0.637036	-1.56977	0.112736	1.50522	1.50522	0.207203	1.37034	1.37034	8.87609	7.88714	0.789851	1
cg12656374	0.0475001	0.55958	-1.78706	0.701613	0.906111	-1.10362	0.738446	0.917755	-1.08962	0.0023295	0.336632	-2.9706	7.24068	7.52165	0.923382	1
cg13870107	0.223208	0.679527	-1.47161	0.397335	0.769797	-1.29904	0.555809	1.19706	1.19706	0.131239	0.611465	-1.63542	4.14234	5.9788	1.28297	1
cg09427370	0.00532267	1.62413	1.62413	0.0353074	1.38229	1.38229	0.532898	0.919967	-1.087	0.0321614	1.39295	1.39295	8.06449	2.22791	0.245566	1
cg16119128	0.119885	0.646313	-1.54724	0.0949774	0.622116	-1.60742	0.0260997	0.505159	-1.97957	0.0136641	0.454313	-2.20112	3.60572	3.82124	0.942019	1
cg21039679	0.601677	0.912972	-1.09532	0.423586	1.15177	1.15177	0.0151136	0.596834	-1.67551	0.369096	0.852591	-1.1729	9.68675	4.58528	0.420761	1
cg08274633	0.826267	0.943691	-1.05967	0.0112862	2.30866	2.30866	0.922977	0.974826	-1.02582	0.00576714	0.385277	-2.59553	4.8538	5.34352	0.978572	1
cg12609829	0.24079	0.78122	-1.28005	0.00569623	2.07305	2.07305	0.800061	0.950256	-1.05235	0.0621798	0.655647	-1.52521	4.70924	3.01481	0.569059	1
cg20678353	0.649276	1.11047	1.11047	0.146731	1.42827	1.42827	0.0975978	0.659675	-1.5159	0.0496126	0.598913	-1.66969	3.84353	3.18855	0.737412	1
cg04326808	0.429487	1.19214	1.19214	0.887418	0.969603	-1.03135	0.0042795	2.29963	2.29963	0.936469	1.01752	1.01752	6.0656	4.56187	0.668524	1
cg18768283	0.815095	0.949179	-1.05354	0.00103158	2.95208	2.95208	0.718536	1.08392	1.08392	0.989404	0.997048	-1.00296	12.1916	9.57162	0.697865	1
cg24620418	0.0741247	0.302226	-3.30878	0.00160606	0.0658444	-15.1873	0.184901	0.429373	-2.32898	0.0952765	0.332208	-3.01017	4.4111	25.2551	5.08921	1
cg12753858	0.0193384	0.208524	-4.79561	0.0106037	0.168426	-5.93731	0.013527	0.183786	-5.44113	0.085909	0.349291	-2.86294	3.9405	19.1699	4.32431	1
cg25985323	0.310568	0.611234	-1.63604	0.586335	0.773499	-1.29283	0.701968	1.19672	1.19672	0.705394	1.1941	1.1941	15.3471	46.0761	2.62698	1
cg00845593	0.237249	0.674045	-1.48358	0.0263577	0.432126	-2.31414	0.128007	1.68909	1.68909	0.552359	0.825711	-1.21108	4.63622	7.45209	1.42877	1
cg02461011	0.551771	0.838191	-1.19305	0.00595778	0.348482	-2.86959	0.287935	0.723646	-1.38189	0.0647972	0.54442	-1.83682	3.61318	4.91853	1.21002	1
cg24133784	0.491274	0.783106	-1.27697	0.42403	1.33048	1.33048	0.868626	0.943751	-1.0596	0.995528	1.00196	1.00196	15.8203	27.2393	1.72179	1
cg16900255	0.948101	0.981809	-1.01853	0.00086751	4.09387	4.09387	0.161451	1.52459	1.52459	0.448918	0.804424	-1.24313	6.33872	7.98493	1.11974	1
cg27655921	0.560105	1.09301	1.09301	0.0622661	1.3727	1.3727	0.0442754	1.4173	1.4173	0.145727	1.26587	1.26587	3.60566	1.30099	0.320728	1
cg13328400	0.757144	0.940045	-1.06378	0.013493	1.83961	1.83961	0.307094	1.2346	1.2346	0.00588471	2.05109	2.05109	7.66823	4.82515	0.559324	1
cg03986909	0.0157661	1.57215	1.57215	1.67E-06	0.159095	-6.28554	0.300082	0.848545	-1.17849	0.00038373	0.420282	-2.37935	44.3238	16.4192	0.329278	1
cg25838575	0.0264284	1.39738	1.39738	0.0682895	1.29628	1.29628	0.818168	0.97115	-1.02971	0.0876284	0.786875	-1.27085	11.4944	2.94198	0.227511	1
cg19331677	0.0952125	1.49779	1.49779	0.392463	1.21295	1.21295	0.593199	0.887964	-1.12617	0.442465	0.841498	-1.18836	10.2597	7.89065	0.683637	1
cg22299719	0.769925	0.945275	-1.05789	0.404726	1.17774	1.17774	0.0337101	0.62131	-1.6095	0.445765	0.861437	-1.16085	9.44507	5.50865	0.518427	1
cg17366808	0.0981375	0.519141	-1.92626	0.114675	0.53797	-1.85884	0.0216154	0.369076	-2.70947	0.0991561	0.520364	-1.92173	6.74385	13.9471	1.83832	1
cg19985018	0.0340419	0.652043	-1.53364	0.0240564	1.59227	1.59227	0.0559343	0.687766	-1.45398	0.200229	1.2635	1.2635	6.51802	3.08449	0.420644	1
cg17295119	0.632694	1.09237	1.09237	0.129898	1.35011	1.35011	0.272337	0.810875	-1.23324	0.808838	0.956503	-1.04548	6.43833	3.43288	0.473951	1
cg14346202	0.989865	1.0034	1.0034	0.164947	0.673051	-1.48577	0.0640278	0.573316	-1.74424	0.0827102	0.598326	-1.67133	3.74748	4.24003	1.00572	1
cg12056138	0.173176	1.44132	1.44132	0.00234595	0.342682	-2.91815	0.250052	0.738473	-1.35415	0.183333	0.700422	-1.42771	3.6335	3.66076	0.895557	1
cg12165240	0.146894	1.35755	1.35755	0.142265	1.36308	1.36308	0.236598	0.783884	-1.2757	0.0849222	0.687926	-1.45365	3.5195	2.14907	0.542771	1
cg08491013	0.524066	1.16853	1.16853	0.0456426	1.73814	1.73814	0.213978	0.729329	-1.37112	0.386402	0.807197	-1.23886	3.51886	3.24303	0.819211	1
cg10480461	0.276117	0.550408	-1.81684	0.156581	0.449927	-2.22258	0.103295	0.390959	-2.55781	0.0208179	0.230776	-4.3332	6.88573	30.2947	3.91078	1
cg00063649	0.816385	0.970658	-1.03023	8.37E-05	0.404032	-2.47505	0.0855612	1.27548	1.27548	0.161065	1.21126	1.21126	9.97873	2.59089	0.230792	1
cg21788615	0.296698	0.675882	-1.47955	0.00248504	0.218207	-4.5828	0.740585	1.12783	1.12783	0.0113678	0.317499	-3.14962	7.12061	14.7835	1.84547	1
cg08154944	0.672555	0.794332	-1.25892	0.00144943	0.0827066	-12.0909	0.62147	0.763699	-1.30942	0.0188258	0.214102	-4.67068	4.09678	19.0351	4.13009	1
cg22706883	0.218096	0.530195	-1.8861	0.00375286	0.147163	-6.79519	0.0126322	0.219033	-4.56553	0.0481463	0.330833	-3.02267	3.908	14.8464	3.37687	1
cg08864283	0.0247475	0.403463	-2.47854	6.33E-05	0.0820991	-12.1804	0.0116035	0.34253	-2.91945	0.00023917	0.126813	-7.88561	20.39	37.2297	1.62301	1
cg09476347	0.430493	0.821382	-1.21746	0.000501411	0.264269	-3.78402	0.240931	0.740677	-1.35012	0.00790695	0.43474	-2.30022	13.9558	13.2163	0.841784	1
cg06951750	0.687536	0.905354	-1.10454	0.0550212	1.7075	1.7075	0.939225	1.01893	1.01893	0.0342372	0.544701	-1.83587	11.4583	10.9747	0.851376	1
cg01435178	0.0976777	0.484669	-2.06326	0.00832038	0.260703	-3.83578	0.595086	0.807505	-1.23838	0.000906495	0.138317	-7.22974	11.3742	28.6189	2.23655	1
cg03395191	0.219826	0.775369	-1.28971	1.72E-05	5.68352	5.68352	0.517425	0.878608	-1.13816	0.547383	1.12757	1.12757	11.0015	6.77527	0.547424	1
cg08133584	0.131495	0.655906	-1.52461	0.0128735	0.449351	-2.22543	0.65658	1.1229	1.1229	0.987373	0.995909	-1.00411	7.98269	8.48235	0.944527	1
cg19149524	0.000615717	0.560736	-1.78337	0.000669732	0.564956	-1.77005	0.643328	0.950128	-1.05249	0.507452	0.92888	-1.07656	6.45845	1.23118	0.16945	1
cg16452248	0.307823	0.695256	-1.43832	0.611309	0.838221	-1.193	0.562578	0.817442	-1.22333	0.00610716	0.291603	-3.42932	5.4564	10.2459	1.66913	1
cg24160381	0.0254361	0.457714	-2.18477	0.00258076	0.29254	-3.41834	0.0520279	0.521846	-1.91627	0.057855	0.53207	-1.87945	5.00593	6.86409	1.21884	1
cg09303678	0.964814	0.984752	-1.01548	0.844052	1.07101	1.07101	0.546556	1.23681	1.23681	0.392768	1.35656	1.35656	3.64026	6.99499	1.70805	1
cg27558697	0.0453909	0.213706	-4.67933	0.00875575	0.105905	-9.44241	0.445017	0.59245	-1.6879	0.0389197	0.200408	-4.98983	3.48879	24.9793	6.36433	1
cg16757281	0.366091	1.58069	1.58069	0.00674289	0.176936	-5.65175	0.0447162	0.32102	-3.11507	0.382378	0.642932	-1.55538	4.14894	15.9757	3.42272	1
cg04807152	9.11E-07	0.370233	-2.701	0.000114487	0.596238	-1.67718	0.0572516	1.1786	1.1786	0.449654	1.06062	1.06062	83.4524	7.71392	0.0821644	1
cg06171619	0.00142277	0.437187	-2.28735	0.463991	0.874934	-1.14294	0.671312	0.92634	-1.07952	0.0723504	0.698055	-1.43255	19.8986	10.1266	0.452365	1
cg24399405	0.322093	0.889765	-1.12389	0.0541413	0.779137	-1.28347	0.710617	1.04347	1.04347	1.80E-05	0.3679	-2.71813	17.2466	3.56137	0.183553	1
cg00389577	0.118836	0.730358	-1.36919	1.37E-05	0.185112	-5.40214	0.00327406	0.475233	-2.10423	0.231431	1.26235	1.26235	14.9331	8.14773	0.484993	1
cg02028423	0.0174868	0.495384	-2.01864	0.000172796	0.212462	-4.70673	0.104851	1.53791	1.53791	0.016413	0.490557	-2.0385	14.046	13.1195	0.830251	1
cg09580244	0.420721	0.9172	-1.09028	0.858024	1.01899	1.01899	0.00283534	0.649303	-1.54011	0.00153038	0.61927	-1.6148	13.8338	2.41884	0.155423	1
cg16730559	0.000279084	0.396969	-2.51909	0.0257425	0.662568	-1.50928	0.00342893	1.85502	1.85502	0.519601	0.90352	-1.10678	10.6365	4.06915	0.340057	1
cg08969593	0.0201807	0.140491	-7.11787	?	?	?	?	?	?	0.0553725	4.41338	4.41338	8.59372	36.789	4.28092	1
cg08524197	?	?	?	?	?	?	?	?	?	0.678937	1.32727	1.32727	15.4937	54.2429	2.80078	1
cg02855078	0.314836	1.18267	1.18267	0.381741	0.865185	-1.15582	0.407623	0.872203	-1.14652	0.0181171	0.629219	-1.58927	5.10604	2.1072	0.366833	1
cg00928894	0.485644	0.89769	-1.11397	0.00231318	0.522884	-1.91247	0.0686441	1.36407	1.36407	0.392212	0.874999	-1.14286	5.62698	2.06815	0.326704	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	Fold-Change(3 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	T(Test)	S(Test)	SS(Error)	f(Error)
cg16524242	C16orf38	5.67E-06	0.000949115	0.529712	-1.88782	0.358824	1.1294	1.1294	7.80E-03	0.397757	2.5141	0.000758497	17.53726	-1.93152	3.68E-06	0.247391	-4.04218	1.62E-05	0.31759	-3.14506	3.64E-05	0.151225	6.61268	0.0358378	6.62344	-1.604	0.000804324	0.505601	-1.07784	46.9782	12.375	0.234151	1
cg23669118	C16orf38	0.000135468	0.95737	0.992568	-1.00749	0.35078	1.14341	1.14341	5.09E-06	0.235088	-4.25373	0.367717	1.13782	0.1010822	0.383207	2.60956		0.192798	4.825027	-1.21208	0.245735	0.84416	-1.18461	0.164029	0.812838	-1.23026	0.000685958	0.485012	-2.0618	20.4093	6.29433	0.274139	1
cg27129984	C16orf38	0.000480012	0.0221603	0.542345	-1.84384	0.00265706	0.395636	-2.52758	0.0222951	0.542808	-1.84227	0.0707991	0.637394	-1.56889	5.91E-05	0.190429	-5.25131	0.191936	0.734802	-1.36091	5.62E-05	0.188215	-5.31309	0.252985	1.3052	1.3052	0.617938	0.893885	-1.11871	14.4522	11.3914	0.700636	1
cg08338600	C16orf38	0.000515391	0.00643091	0.568956	-1.75872	6.72E-05	0.152358	-3.19951	0.00025913	0.838889	-2.60492	0.510864	1.10951	1.10951	0.0048484	0.515135	-1.81315	0.882617	0.97674	-1.02381	0.0136708	1.62547	1.62547	0.396911	0.870939	-1.14839	0.1465	0.780152	-1.2818	14.1708	5.69489	0.357222	1
cg09859764	C16orf38	0.00140969	0.0358461	0.601076	-1.66368	0.00075368	0.34467	-2.90132	0.00205083	0.404316	-2.47331	0.791939	0.946378	-1.05666	0.00013505	0.256085	-3.90691	0.0041692	0.449149	-2.22643	0.59523	1.11827	1.0654368	0.6498811	-1.53891	0.0252968	0.574413	-1.74091	10.6684	7.34271	0.617795	1
cg02494150	C16orf38	0.00162408	0.213839	0.715409	-1.3978	0.00877189	0.425664	-2.34927	0.00011278	0.176282	-5.67274	0.678726	1.0898088	-1.12446	0.00100465	0.280703	-3.56441	0.0093816	0.430493	-2.32202	0.00119875	0.2968897	-3.36818	0.144598	0.6606686	-1.49324	0.11759	0.647339	-1.54478	10.2422	10.6199	0.921672	1
cg03011993	C16orf38	0.00168518	0.135261	0.773794	-1.29233	0.0201434	0.639902	-1.56274	0.307297	1.18333	1.18333	0.295712	1.18853	1.18853	4.42E-05	0.291469	-3.43089	0.0022016	0.347241	-2.87965	0.0910515	0.6337945	-1.57753	0.34461	0.7940645	-1.27122	0.0138519	0.472362	-2.11586	8.58849	8.24134	0.854951	1
cg03199502	C16orf38	0.00298782	0.950212	0.984092	-1.01554	0.682189	1.10679	1.10679	0.0004986855	0.2619348	-3.82778	0.00122653	0.3714442	-2.69253	0.00242074	0.351973	-3.18348	0.0022016	0.347241	-2.87965	0.0910515	0.6337945	-1.57753	0.34461	0.7940645	-1.27122	0.0138519	0.472362	-2.11586	8.58849	8.24134	0.854951	1
cg04897041	C16orf38	0.00184619	0.598425	1.2014	1.2014	0.0348125	1.427702	-2.33808	0.00144574	0.204048	4.90081	0.392027	1.35359	1.35359	0.00170576	0.301005	-3.32221	0.245473	0.65744	-1.52105	0.0183762	0.350078	-2.85651	0.529894	-1.58757	0.314727	0.688422	-1.4318	5.27927	9.36335	1.67807	1
cg04022811	C16orf3;GASB;GASB	0.01006111	0.571202	1.0922	1.0922	0.03337	1.46694	1.46694	0.0547112	1.3991	1.3991	0.546013	1.09874	1.09874	0.1871	1.24047	1.24047	0.656203	1.07149	1.07149	0.00043219	0.424114	-2.35786	0.599716	1.08503	1.08503	0.715528	0.945155	-1.05803	5.89912	2.21896	0.334356	1
cg00153033	C16orf38	0.00142742	0.112283	1.3455	1.3455	0.0188119	1.391	1.391	0.0248386	0.605559	-1.65126	0.00559327	0.506477	-1.97496	0.00476449	0.412221	-2.42616	0.417884	1.16741	1.16741	0.00472322	0.48949	-2.04254	0.0098705	0.4962636	1.16741	1.16741	0.00091847	0.0073732	-2.51653	10.4193	5.76886	0.49215	1
cg05122081	C16orf38	0.00720921	0.970261	0.989668	-1.01004	0.00329719	0.327828	-3.05038	0.0356023	0.505879	-1.97676	0.932679	0.973658	-1.02705	0.00176447	0.280083	-3.45922	0.0211808	0.46208	-2.16413	0.157551	0.656366	-1.52514	0.0115306	0.4546922	-2.41143	0.00335538	0.328954	-3.03994	6.52679	0.80269	1.09265	1
cg18145152	C16orf42;GNPTG	0.01187	0.828322	1.1082	1.1082	0.00277608	0.40456	-2.71442	0.1113162	0.43823	-2.2819	0.178136	0.506341	-1.97495	0.00477765	0.168361	-5.93961	0.0790753	0.39558	-2.52791	0.00158166	0.156302	-6.40314	0.744936	0.8553892	-1.16837	0.159964	0.489617	-2.04241	5.592	20.0369	3.58502	1
cg07027566	C16orf42;GNPTG	0.01509	0.00051650	0.203118	-4.92325	0.89139	0.960501	-1.04101	0.650023	1.19475	1.19475	0.710044	1.11615	1.11615	0.772257	1.08153	-1.08913	0.0090534	0.380739	-2.62647	0.134847	0.16302	-6.13994	0.163462	0.6455961	-1.54896	0.405692	1.2844	1.2844	1.57024	7.08844	1.23867	1
cg08359751	C16orf42;GNPTG	0.0250779	0.145057	0.616666	-1.62162	0.523376	0.818906	-1.22114	0.92947	0.970323	-1.02772	0.0829355	0.352545	-2.83652	0.639527	0.864399	-1.15687	0.0016692	0.249366	-4.00107	0.597949	0.848253	-1.17885	0.492755	1.24011	1.24011	0.1680227	1.57437	1.57437	0.142352	6.57807	1.3434	1
cg02399788	C16orf42;GNPTG	0.0263163	0.00386124	0.300513	-3.32	0.948621	0.99	-1.01	0.9	0.9	-1.11	0.9	0.9	-1.11	0.9	0.9	-1.11	0.0172219	0.428146	-2.33565	0.0270927	0.732443	1.3655	1.3655	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1
cg03210180	C16orf45	0.0477527	0.691925	0.833564	-1.19967	0.279962	0.596882	-1.67537	0.189232	1.89814	1.89814	?	?	?	?	0.0164497	0.250942	0.539498	0.631483	0.801738	-1.24729	?	?	0.8888905	2.38751	2.38751	0.0391375	3.05194	3.05194	3.8603	9.71088	2.51557	1
cg16762408	C16orf45;C16orf45	0.00145365	0.142326	0.790248	-1.2651	0.000919525	0.404474	-2.47234	0.151207	0.790958	-1.26117	0.626437	0.931773	-1.07322	0.384799	0.879531	-1.13697	0.2355.05	0.300358	-3.32936	1.24E-05	0.293892	-3.40261	0.274488	1.37798	1.37798	0.0039709	0.572364	-1.74714	20.0255	6.58215	0.292167	1
cg05771157	C16orf45;C16orf45	0.000231818	0.11588	0.752784	-1.3284	0.1092084	0.13672	-2.33872	0.00153823	0.470637	-2.12478	0.39403	0.866457	-1.15413	0.00830994	0.431521	-2.31738	0.0328434	0.660484	-1.51404	7.70E-06	0.195609	-5.11255	0.0729735	1.39418	1.39418	0.3324835	0.850265	-1.1761	17.6491	7.7276	0.388676	1
cg01709921	C16orf45;C16orf46	0.00354604	0.368387	0.758169	-1.31897	0.0282919	2.1726	2.1726	0.0183981	0.487296	-2.05214	0.341255	1.3416	1.3416	0.393253	0.769466	-1.2996	0.252856	0.69916	-1.43029	0.000112894	0.131023	-7.63225	0.321296	1.35941	1.35941	0.0953995	0.577542	-1.73148	8.14189	11.5786	1.26409	1
cg06613738	C16orf45;C16orf45	0.00760192	0.0360315	0.309444	-3.2316	0.397702	0.6	-1.5	0.339	0.0183788	0.242731	4.113379	0.6042207	0.361335	1.29065	0.804532	0.887566	0.1496257	0.47545	-2.10327	0.000344406	0.0260152	-15.9741	0.239441	1.40858	1.40858	0.0558392	0.152722	-2.83509	4.46468	23.6224	1.25712	1
cg27437413	C16orf45;C16orf45	0.00819684	0.897013	1.05257	1.05257	0.350272	1.46281	1.46281	0.0123416	0.291546	-3.42999	0.79982	1.10575	1.10575	0.614542	0.818003	-1.22249	0.978753	1.01059	1.01059	0.000204997	0.0853297	-11.7192	0.329118	1.48952	1.48952	0.264412	0.631164	-1.58438	0.429754	15.6058	2.20335	1
cg08183102	C16orf45;C16orf45	0.0247636	0.929701	0.9862	1.0138	0.0148498	0.47682	-2.09723	0.0146093	0.5	-2	0.5	0.5	0.5	0.5	0.5	0.5	0.2077381	0.220234	1.27	0.0193418	0.1394324	1.3436	1.3436	0.0379	0.592003	-1.68662	0.0126423	0.790246	-1.26543	4.77165	2.8088	0.587455	1
cg04126968	C16orf45;C16orf45	0.0339267	0.0130807	0.245479	-4.07368	0.187348	0.528535	-1.89202	0.0123722	0.24149	-4.14096	0.0547868	0.370104	-2.70195	0.340639	0.638844	-1.56533	0.0477455	0.355955	2.80934	0.00887673	0.218795	-4.57048	0.479026	1.38872	1.38872	0.120528	0.463763	2.15627	3.91088	12.8969	2.93129	1
cg05965700	C16orf46;C16orf46	0.00362005	0.0343336	0.528721	-1.89136	0.00261854	0.341054	-2.99208	0.12165	0.648441	-1.54215	0.519871	0.845008	-1.18342	0.0103808	0.451791	-2.21341	0.0033474	0.356758	-2.80302	0.000520296	0.247337	-4.04307	0.0919523	0.321627	-3.10919	0.0832654	0.609572	-1.64049	8.09165	8.54056	0.938203	1
cg16408938	C16orf46;C16orf46	0.00654039	0.0030555	0.1995	5.01254	0.0150409	0.507248	-1.98063	0.0662492	0.853894	-1.1711	0.434049	0.941583	-1.06204	0.0447908	0.541528	-1.84707	0.0005737	0.194583	-5.13795	0.00019581	0.0810585	-12.3344	0.0858587	0.1584	0.1584	0.0006313	0.0045059	3.99468	0.0802035	1.57643	0.608486	0.0800535	1
cg05255305	C16orf46;C16orf46	0.00834475	0.606531	1.1196	1.1196	0.667294	0.910249	-1.0986	0.62623	1.11263	1.11263	0.0221119	0.550635	-1.81608	0.283876	0.784984	-1.27391	0.0068236	0.4667	-2.1427	0.000308732	0.279894	-3.57278	0.0740801	0.6488667	-1.54162	0.711093	0.922287	-1.08426	0.260636	0.668176	0.665657	1
cg04390096	C16orf46;C16orf46	0.0464149	0.365242	1.25097	1.25097	0.710609	0.914199	-1.09385	0.653088	0.11608	1.11608	0.455585	1.20071	1.20071	0.964676	0.989935	-1.01017	0.820941	0.946896	-1.05608	0.00149684	0.33228	-3.00955	0.784283	0.9488435	0.581893	-1.71853	3.44881	3.19751	0.815605	1
cg12879297	C16orf46;C16orf46;C16orf46;C16orf46	0.0204743	0.0791765	0.818111	-1.22233	0.50917	1.07141	1.07141	0.347976	1.10466	1.10466	0.00118616	0.612802	-1.63185	0.355001	1.10298	1.10298	0.644575	1.04901	1.04901	0.73922	1.01501	1.01501	0.0304949	1.2994	1.2994	0.822067	1.02347	1.02347	4.66721	0.784307	0.149375	1
cg02568374	C16orf51	0.0137251	0.0137251	0.0137251	0.606293	0.0601	0.0601	-1.66464	0.128035	0.870793	-1.40688	0.230916	0.747408	-1.33796	0.0001	0.1405	-7.1906	0.464888	1.16687	1.16687	0.1	0.107259	-9.32323	0.175134	0.9293973	-1.07599	0.248071	0.777883	1.28554	17.5604	11.9731	0.606066	1
cg01167794	C16orf51	0.00212978	0.0410362	0.610631	-1.63765	0.179894	0.742321	-1.34713	0.807676	1.05235	1.05235	0.745527	0.941417	1.0705	2.76E-05	0.17756	5.63189	0.197668	1.3296	1.3296	0.92973	0.981717	-1.01862	0.109314	0.6940011	-1.44092	0.95911	0.989331	-1.01078	9.46665	6.5622	0.61617	1
cg16577002	C16orf51	0.00896316	0.1615231	0.7884	-1.2684	0.0966	0.6	-1.5	0.3	0.1574488	1.18866	0.1574488	1.18866	1.13783	0.0017738	0.2927145	-3.41693	0.0034179	0.4174252	-2.39542	0.0014337	0.1643916	-6.08095	0.8873832	1.1005517	1.00557	0.9883899	0.9884	0.9884	0.9884	0.9884	0.9884	0.9884	1
cg09311905	C16orf51	0.0130414	0.00866097	0.594393	-1.68239	0.146103	1.2745	1.2745	0.533869	1.1029	1.1029	0.189807	1.24096	1.24096	0.633793	0.9281307	-1.07746	0.0127213	0.617988	-1.61815	0.00265012	0.523912	-1.90872	0.14586	1.78449	-1.27471	0.790161	1.04233	1.04233	5.42451	2.07614	0.340207	1
cg08503994	C16orf51	0.0224138	0.00165935	0.105083	-9.51613	0.0237838	0.259037	-3.86045	0.499099	0.704537	-1.41937	0.0349861	0.292289	-3.42127	0.0199803	0.245183	-4.07858	0.0392397	0.302921	-3.30119	0.109727	0.417737	-2.39385	0.392379	0.6448955	-1.55064	0.0250874	0.263418	-3.79625	4.54891	17.961	3.52833	1
cg12031863	C16orf52;C16orf54	0.0022564	0.0523423	0.6881	-1.45321	0.0762	0.5	-1.8	0.2245	0.0164513	2.27	0.276594	1.23149	1.23149	0.0402113	0.752502	-1.32917	0.0225.61	0.256511	3.9	0.0026154	0.1	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg05396425	C16orf55	0.0378791	0.383115	0.79947	-1.25083	0.0244182	1.95686	1.95686	0.856146	0.955588	-1.04648	0.169519	1.44248	1.44248	0.00958259	0.439926	-2.27311	0.348666	0.785498	-1.27308	0.337859	0.78087	-1.28062	0.802596	1.06472	1.06472	0.0271591	0.519624	-1.92447	3.75751	3.72974	0.882318	1
cg02106534	C16orf55	0.0210634	0.0191318	0.4	2.5	0.0	0.0	1.3	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg02642565	C16orf55	0.0465303	0.16181	1.41623	1.41623	0.0953377	1.53243	1.53243	0.398552	1.22304	1.22304	0.452641	1.1951	1.1951	0.027133	0.543739	-1.83912	0.692927	0.9686	1.09686	0.0118955	0.207778	2.09774	0.0296461	1.81733	1.81733	0.924234	0.970805	-1.02241	3.48156	9.9009	0.763921	1
cg01056854	C16orf62	0.00304062	0.827073	1.01447	1.01447	3.02E-05	1.70897	1.70897	0.000217976	1.49907	1.49907	0.880409	1.00993	1.00993	0.0198933	0.831469	-1.20269	0.990026	0.99918	-1.00082	0.00768251	0.788565	-1.25225	0.375351	1.06156	1.06156	0.676922	0.972861	-1.0279	15.8872	1.08488	0.0606991	1
cg01368829	C16orf62	0.0195318	0.0499088	0.7	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1
cg08262496	C16orf62	0.00374792	0.401364	0.825082	-1.212	0.0475685	0.66071	-1.66071	0.306831	0.789137	-1.26721	0.079612	0.646937	-1.54575	0.915871	0.845008	-1.18342	0.0103808	0.451791	-2.21341	0.0033474	0.356758	-2.80302	0.00520296	0.247337	-4.04307	0.0919523	0.321627	-3.10919	0.0832654	0.609572	-1.64049	8.09165	8.54056	1
cg07571928	C16orf62	0.0242156	0.9324431	0.979762	-1.02074	0.7664	1.07474	1.07474	0.363088	0.8543	-1.17044	0.0815528	0.8428	0.28071	-3.56299	0.1382939	-7.23295	0.0082362	0.4667	-2.1427	0.000308732	0.279894	-3.57278	0.0740801	0.6488667	-1.54162	0.711093	0.922287	-1.08426	0.260636	0.668176	0.665657	1
cg04348683	C16orf62	0.0480825	0.303876	1.27343	1.27343	0.0815155	0.645153	-1.55002	0.724946	1.08349	1.08349	0.0318094	1.77034	1.77034	0.00707214	0.453793	-2.20365	0.0041752	0.4667	-2.1427	0.000308732	0.279894	-3.57278	0.0740801	0.6488667	-1.54162	0.711093	0.922287	-1.08426	0.260636	0.668176	0.665657	1
cg02478293	C16orf63	0.0309975	0.8019372	0.978473	-1.01563	0.6389	0.932051	-1.07288	0.6365777	1.28269	1.28269	0.0920205	1.00899	1.00899	0.0028595	0.717017	-1.53655	0.0041752	1.26994	1.26994	0.0955024	0.85293	-1.21169	0.0995.03	1.06069	1.06069	0.0613473	1.45491	1.45491	0.93955	0.703853	0.15477	1
cg15777760	C16orf63;MVP;MVP	0.00128468	0.0626428	0.31584	-3.12907	0.859378	0.944757	-1.08477	0.0779516	0.536281	-1.86469	0.607118	0.8238244	-1.65562	0.0981983	0.328244	-3.04652	0.2623133	0.372236	-2.68647	0.431273	0.0494835	-10.5281	0.00222707	0.253407	-3.94622	0.00412214	0.291452	-3.43109	0.95262	2.6586	1.44565	1
cg08218971	C16orf63;PRRT2	0.0110735	0.107311	0.678395	-1.47407	0.0439704	0.291567	2.29167	0.0266831	1.773	1.773	0.94482	0.985019	-1.01521	0.113637	0.687021	-1.45556	0.0151803	1.91635	1.91635	0.424121	0.836927	-1.19485	0.0619508	0.6323112	-1.5815	0.0975714	1.4865	1.4865	5.72023	4.3084	0.669499	1
cg27405086	C16orf63;PRRT2	0.0139773	0.789669	1.0455	1.0455	0.0986256	1.22	1.22	0.0265	0.1	1.1	0.0834407	1.15563	1.15563	0.99558	0.999206	-1.00082	0.8760841	1.02582	1.02582	0.4153822	0.889222	-1.13222	0.413872	1.14613	1.14613	0.016086	1.65758	1.65758	1.89737	1.6338	0.375287	1
cg04800715	C16orf63;PRRT2	0.0484505	0.0453032	0.644184	-1.55235	0.0533224	1.59902	1.59902	0.0341549	1.60544	1.60544	0.176854	0.759631	-1.31643	0.245531	1.26189	1.26189	0.778666	1.05536	1.05536	0.176002	1.323	1.323	0.107115	0.7140218	-1.40053	0.559295	1.11972	1.11972	3.42883	1.99173	0.516334	1
cg06928525	C16orf64	1.25E-06	1.40E-07	0.0	-4.6E+08	0.0101634	0.760884	1.31429	0.000158584	0.58012	-1.72377	0.2403227	1.00876	1.00876	1.62E-07	0.254009	-3.93687	0.0632346	1.1924	1.1924	0.0016665	1.22983	1.22983	0.0842205	0.9830011	-1.01667	0.00215474	0.695448	-1.43792	0.98284	0.77057	0.100071	1
cg07441284	C16orf64	0.0182875	0.101596	0.717294	-1.39413	0.00888674	0.539437	-1.85379	0.0074473	0.658849	-1.5178	0.0202146	0.595006	-1.68065	0.0042087	0.3911	-2.55707	0.0084769	0.705813	-1.41681	0.0203276	1.67956	1.67956	0.342636	0.854228	-1.16971	0.0353794	1.6349666	-1.57489	6.4942	2.63936	0.483812	1
cg03750478	C16orf64	0.0246094	0.116182	0.572163	-1.74775	0.213594	0.651624	-1.53463	0.0428296	0.466566	-2.14332	0.0125999	0.362585	-2.75798	0.00176777	0.233086	-4.29025	0.0286701	0.429948	-2.32586	0.723348	1.12326	1.12326	0.0586548	0.497333	-2.01072	0.343027	0.726542	-1.37638	4.38114	7.4207	1.50558	1
cg06638208	C16orf64;C16orf54	0.0080828	0.0244769	0.278216	-3.59472	0.0262076	0.4	-2.5	0.1	0.2	-5.0	0.2	0.2	-5.0	0.2	0.2	-5.0	0.0415103	0.489875	-2.04122	0.0193521	0.55141	-1.81367	0.2397	0.8315291	-1.2042	0.364861	0.802324	-1.24626	0.432429	0.0	0.0	0.0	0.0	1
cg26640110	C16orf55	7.05E-05	0.234146	1.42654	1.42654	0.357118	0.763563	-1.30965	0.880364	0.575522	-1.73755	0.000546931	0.21662	-4.61639	0.173987	0.262353	-1.50977	0.0005642	0.218215	4.58264	2.29E-06	0.0374486	-26.7033	0.196402	0.677683	-1.47562	0.000105366	0.142013	-7.03584	24.3072	31.2325	1.14214	1
cg00619557	C16orf55	0.00691957	0.0377536	0.649459	-1.49374	0.628391	0.872342	-1.14634	0.887659	0.580193	-1.69436	0.997103	1.00102	1.00102	0.000185535	0.170717	-5.85765	0.0022449	0.351253	3.81947	0.0004497	0.879449	-1.13708	0.0710333	0.7732	-1.29333	0.643899	0.824531	1.10396	1				1
cg09077966	C16orf55;CHMP1A;CHMP1A	0.0026933	0.249673	0.10786	0.853436	0.984378	-1.01587	0.0173281	1.72987	1.27987	0.083355	1.33252	1.33252	0.0389165	0.815831	1.22574		0.500395	0.15097	1.03597	0.205697	1.55975	0.15975	0.204964	1.1206	1.1206	0.83587	0.10443	0.102052						1
cg00504919	C16orf55;CHMP1A;CHMP1A	0.0037671	7	7	7	0.212937	1.47894	1.47894	0.00555156	0.237491	-4.21068	7	7	7	0.702077	0.897013	-1.11481	0.00181424	0.142814	-7.0021	0.0111108	3.25655	3.25655	0.0238784	2.55377	2.55377	0.0061949	4.03246	4.03246	25.0716	21.2771	0.484944	1
cg02563737	C16orf55;CHMP1A;CHMP1A	0.0077657	0.0774496	0.40095	-2.49407	0.0866256	0.212	-4.77295	0.1118477	0.6834407	-1.71389	0.1720343	0.58266	-1.58266	0.0001	0.1405	-7.1906	0.0662266	0.145241	-6.88405	0.0125897	0.68711	-1.45511	0.0552244	0.7391914	-1.35283	0.0379707	0.403123	-2.4794	6.4037	10.1159	1.40417	1
cg02910574	C16orf55;CHMP1A;CHMP1A	0.0126287	0.0206668	0.24221	-4.12865	0.0536666	0.04934	1.04934	0.297	0.57685	-1.73355	0.671269	0.805893	-1.24086	0.0136681	0.211853	4.72025	0.0400732	0.301133	3.32079	0.0035914	0.134565	-7.43133	0.0414247	0.302179	-3.3093	0.0271578	0.2643315	-3.78337	5.48172	22.4786	3.64503	1
cg04441775	C16orf56	0.0479357	0.0493028	0.7	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.3	0.3	1.4	0.1226.05	0.1	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg03746976	C16orf57	0.00536167	0.0127453	0.481205	-2.07812	0.000282111	0.245918	-4.0664	0.0181854	0.507755	-1.96945	0.106015	0.658883	-1.51772	0.00766984	0.4448892	-2.24774	0.0847056	0.63721	-1.56934	0.0125767	0.480229	-2.08234	0.01177	0.475391	-2.10353	0.687481	0.908846	-1.1003	7.18347	3.45934	0.786433	1
cg07113322	C16orf57;ZNF319	0.00904487	0.721834	0.975117	-1.02552	0.0801802	0.114663	-1.14663	0.887629	0.990081	-1.01002	0.934129	1.00674	1.00674	0.354507	1.06945	1.06945	0.0078497	1.27388	1.27388	0.0054804	0.77903	-1.29361	0.0356457	0.757052	-1.32091	0.545822	1.04403	1.04403	6.02748	0.474317	0.0694488	1
cg03709220	C16orf57;ZNF319	0.0103514	0.0182875	0.2892	-3.45	0.0177742	0.1	-1.79048	0.0473847	0.452504	-1.5561	0.0753117	0.8398593	-1.19048	0.0042284	0.2416356	-4.13939	0.0044605	0.302079	3.30119	0.0027446	0.0916332	1.0	1.398	0.0842484	0.9788798	0.995122	-1.00451	1.14201	0.762417	0.954615	1.49445	0.479909	1
cg06129084	C16orf57;ZNF319	0.0442314	0.0132

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N)	p-value(1577 vs. N)	Fold-Change(1 577 vs. N)	p-value(5437 vs. N)	Fold-Change(5 437 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Error	T(Test)	S5(Test)	S5(Error)	F(Error
cg26067566	C1orf74	9.38E-05	0.687484	1.43E-06	1.17926	0.9533837	1.01775	1.01775	8.49E-05	0.0542774	-18.4239	0.1886681	0.657926	-1.51993	4.20E-05	0.0959691	-10.42	0.00202562	0.907	0.116271	-6.05065	0.00041794	0.186002	-5.37627	0.3397	-1.34422	0.938896	0.977586	-1.02293	22.5214	32.2334	1.27221	1
cg04267828	C1orf74	0.000141962	0.495661	1.10502	1.10502	0.0302866	1.44431	1.44431	0.000202909	0.406825	-2.45806	0.947263	1.00959	1.009509	0.429023	1.10581	1.10581	0.005133374	1.586493	-1.70505	5.98E-06	0.230831	-4.33217	0.807922	1.03578	1.03578	0.0106465	0.628031	1.59228	20.1537	0.65065	0.29333	1
cg05399613	C1orf74	0.00058573	0.000117305	0.225316	-4.43821	0.0222538	1.83193	1.83193	0.003730553	0.4209317	-2.37576	0.258619	1.29745	1.29745	0.982275	1.00492	1.00492	0.00323209	0.411489	-2.4302	0.0761732	1.5464	1.5464	0.704704	1.08776	1.08776	0.00100554	0.340083	-2.94046	13.6651	10.5638	0.687155	1
cg03415742	C1orf74	0.000729756	0.225907	0.701131	-1.42627	0.000412792	0.2090951	-4.78252	7.18E-05	0.132745	-7.53325	0.0922786	0.596089	-1.6776	0.00643455	0.37176	-2.6899	0.00466515	0.349744	-2.85953	0.000376663	0.204542	-4.88897	0.826599	0.940606	-1.06304	0.171104	0.665715	-1.50214	12.8599	15.878	1.0975	1
cg15446115	C1orf74	0.00182288	0.188726	0.606383	-1.64912	0.543282	0.801696	-1.24736	0.000826677	0.163807	-6.10473	0.0187404	0.359414	-2.7823	0.00310512	0.173585	-5.76087	0.00266885	0.225345	-4.43763	0.00238777	0.112438	-8.89378	0.315007	0.688502	-1.45243	0.0546095	0.455913	-2.19534	9.90542	20.245	1.81674	1
cg00244449	C1orf74	0.00344872	0.123276	0.64558	-1.549	0.0393423	1.86801	1.86801	0.00421527	0.54138	-1.84713	0.403927	0.799426	-1.2509	0.00180757	0.312553	-3.1994	0.00835715	0.39414	-2.53717	0.00986437	0.425375	-2.35087	0.000709471	0.262365	-3.81265	0.0208938	0.933853	0.967228	1
cg15531249	C1orf74	0.00397106	0.395129	0.718303	-1.39217	0.4919236	0.41038	-2.43677	0.00113595	0.162226	-6.16424	0.446939	0.744912	-1.34244	0.00610727	0.256743	-3.89495	0.00901879	0.283311	-3.52969	0.000354527	0.113146	-8.83811	0.906567	1.04562	1.04562	0.310551	0.671247	-1.48976	7.8697	17.9887	2.03184	1
cg02956768	C1orf74	0.00593297	0.189725	-5.35548	0.0788053	0.970155	-1.69865	0.0110941	0.182517	-5.20156	0.0598276	0.2835574	-3.52642	0.00200374	0.109503	-9.13221	0.025748	0.259999	3.8417	0.000344613	0.0599301	0.16866	-5.92626	0.790176	-1.26554	0.0599343	0.198682	-2.95262	7.20439	26.5158	3.64171	1
cg04558424	C1orf74	0.0269466	0.19456	0.377102	-1.7328	0.37935	0.697115	-1.43948	0.0486277	0.605637	-2.46526	0.2113491	1.6947	0.01311	0.0963562	0.168851	2.71122	0.06004005	0.427485	2.33926	0.00246582	0.185148	-5.4011	0.578938	1.25178	1.25178	0.487953	1.32615	1.32615	2.44061	1.34805	1
cg05612839	C1orf74	0.02744229	0.0480089	0.560696	-1.7835	0.506798	0.84164	-1.18816	0.00334117	0.359755	-2.77967	0.00431588	0.376555	-2.65565	0.605505	0.875142	-1.14267	0.416083	1.23709	1.23709	0.276455	0.748438	-1.33612	0.498645	0.838765	-1.19223	0.0509001	0.565932	-1.767	4.2175	4.37663	0.922428	1
cg25774826	C1orf74	0.0297786	0.19177	0.759949	-1.31588	0.0107088	0.52757	-1.8942	0.00128553	0.2114	-5.14405	0.0170811	0.60307	-1.65806	0.0179285	0.448269	-2.22995	0.0178387	0.4492	2.22662	0.0736609	0.672943	-1.48601	0.182742	0.755112	-1.32427	0.09759	2.56077	0.555506	1
cg06941638	C1orf74	0.0325333	0.279041	0.688496	-1.43167	0.521287	0.817797	-1.23032	0.0042267	0.29489	-3.3911	0.663318	0.869653	-1.14988	0.0254445	0.405005	-2.02018	0.0547472	0.499241	-2.00304	0.0476549	0.302745	-3.30311	0.572405	1.19947	1.19947	0.980476	0.992228	-1.00783	3.9703	6.39233	1.43114	1
cg02124446	C1orf74	0.00374714	0.0425319	0.649384	-1.54042	0.164447	1.29067	1.29067	0.000817107	0.15844	-6.3907	0.0140909	0.944482	-1.05878	0.912109	0.881335	-1.01919	0.464939	1.14656	1.13656	0.0998934	0.570261	-1.75358	0.473237	1.13312	1.13312	0.930325	1.01517	1.01517	3.7204	1.37006	0.417078	1
cg00598730	C1orf74	0.0476876	0.0361929	0.595557	0.8846353	1.04078	1.04078	0.654821	0.8834617	-1.1319	0.853324	0.950319	-1.05228	0.68732	0.894574	-1.11785	0.677679	0.891291	-1.25	-1.12197	0.0373138	0.514038	-1.94538	0.0039058	1.06139	-2.91427	0.777685	1.08105	1.08105	3.44456	4.13585	1.06728	1
cg25575961	C1orf74,MIR1910	8.56E-05	0.306924	0.833018	-1.20045	0.000130438	0.317426	-3.15034	0.134289	0.75661	-1.32168	0.0176558	0.607404	-1.64635	2.54E-05	0.140147	-7.13539	0.000323764	0.348512	-2.86934	0.00360275	0.506241	-1.97534	0.711512	1.06627	1.06627	0.00735179	0.550587	-1.81624	23.0783	10.9054	0.420036	1
cg08390099	C1orf75	0.000272927	0.0613306	0.750716	-1.3298	2.67E-05	1.75414	1.75414	-2.991	0.000368357	0.7501186	-1.35309	0.782795	1.06E-05	0.0001865	0.451523	-2.40835	0.000606063	0.502908	-1.98844	0.00365079	0.595016	-1.68063	0.00546468	0.617436	-1.6196	0.0241561	0.70118	-1.42617	16.881	4.66154	0.245459	1
cg07715894	C1orf75	0.000661859	0.0715308	1.2913	1.2913	0.03595541	1.36338	1.36338	0.824519	0.972182	-1.02861	0.69547	0.951252	-1.05125	0.0816637	0.782599	-1.27779	0.00147909	0.558416	-1.79078	2.84E-05	0.3515	-2.84495	0.0200979	0.700298	-1.42796	0.0899138	0.788621	-1.26804	13.2166	3.37818	0.2272	1
cg08216306	C1orf75	0.00844517	0.609364	1.07499	1.07499	0.0223297	0.318295	-3.14173	0.0522168	0.662691	-1.509	0.42527	0.859234	-1.16383	0.384252	0.849848	-1.18085	0.784092	1.92051	1.05251	0.0414863	1.5497	1.5497	0.228089	0.790387	-1.2652	0.434718	0.86199	-1.16011	6.23676	3.42951	0.488788	1
cg00011122	C1orf75	0.00555262	0.479335	1.20113	1.20113	0.0289278	2.60327	2.60327	0.181581	0.750136	-1.33309	0.782955	1.02805	1.02805	0.832156	0.957667	-1.0442	0.239883	1.25744	1.25744	0.234466	0.775707	-1.28915	0.826084	0.905307	-1.1046	0.252276	0.783714	-1.27598	5.47587	3.60176	0.184668	1
cg00159290	C1orf75	0.02653379	0.0659472	1.40857	1.40857	0.01601133	1.63167	1.63167	0.349102	1.17358	1.17358	0.0759565	1.38811	1.38811	0.036251	1.49827	1.49827	0.00902564	1.73531	1.73531	0.0798625	0.724164	-1.3809	0.0470603	1.45847	1.45847	0.168526	1.27589	1.27589	4.2674	1.86361	0.388185	1
cg00044050	C1orf75	0.00426963	0.415821	1.26562	1.26562	0.0795193	1.49384	1.49384	0.0851379	0.325532	-1.08046	0.272441	1.10418	1.10418	0.0902052	1.16914	1.16914	0.0159538	0.413532	-2.30804	0.0321991	0.298084	-3.37959	0.2478	1.14586	1.14586	0.065192	1.10432	1.10432	4.84904	1.12939	1
cg14933439	C1orf78	9.75E-06	0.0098902	0.667805	-1.49744	0.719413	1.04649	1.04649	1.89E-06	0.231135	-4.32647	0.0982656	1.25186	1.25186	0.0001700	0.772272	0.438063	-2.28278	4.52E-06	0.270919	-3.69113	3.91E-05	0.037709	-2.65189	0.000153505	0.447612	-2.23408	0.000166903	0.451973	-2.21252	0.403629	9.92528	0.216031	1
cg07804521	C1orf78	0.001887789	0.000575895	0.25352	-3.94284	0.0788015	0.909269	0.909269	0.424212	0.0657358	0.315944	0.0134299	0.508613	0.508613	0.0362329	0.5341	-1.87231	0.000687245	0.265137	3.8003	0.000547645	0.238573	4.19255	0.0498314	0.449231	0.449231	0.0140417	0.4482	0.4482	0.0777	0.69382	-1.44099	0.693382	1
cg03478444	C1orf78	0.00250069	0.0307334	0.733466	-1.36339	0.0367551	0.74352	-1.34495	0.834E-05	0.424038	-2.35828	0.251373	0.863831	-1.15763	0.222984	0.855207	1.16931	0.016911	0.70054	-1.42747	0.00372144	0.619638	-1.61385	0.0350387	0.740823	-1.34985	0.00257754	0.600277	1.6659	9.03131	2.13408	0.210043	1
cg08989564	C1orf78	0.00661438	0.578452	0.898558	-1.11289	0.0360736	0.471961	-2.11882	0.00279661	0.322225	-3.10342	0.742171	0.939027	-1.06493	0.822602	0.95943	-1.04229	0.597214	1.10696	1.10696	0.072449	1.46519	0.812585	0.955747	-1.0461	0.656569	0.918251	-1.08903	6.73281	3.87244	0.511253	1
cg26485526	C1orf78	0.00143438	0.891927	0.755596	1.03006	0.0033438	1.57213	1.52673	0.222851	0.0208828	0.930288	-1.07855	0.0017042	-1.31443	0.0576704	0.0002183	-1.66611	0.0001242	0.000186	-1.34985	0.0008035	0.000144	-1.44845	0.0001144	0.000350144	0.258595	-1.66171	0.000292	-3.86705	0.0547477	0.59883	4.96671	0.779816	1
cg24642468	C1orf78	0.02646465	0.00687834	0.171038	-5.84666	0.00440988	0.1469	-6.80735	0.203225	0.507735	-1.96953	0.093036	0.393575	-2.54081	0.6600392	1.25024	1.25024	0.393778	1.55397	1.55397	0.352961	1.61983	1.61983	0.0787894	0.373412	-2.67801	0.0748524	0.367426	-2.72164	4.37885	17.6611	3.58512	1
cg07762234	C1orf78	0.0193871	0.404468	1.80016	1.80016	0.0027577	3.18265	3.18265	2.8867	0.0699172	11.0654	0.0019116	11.066	0.0019116	0.0799091	2.56565	2.56565	0.0458869	0.549337	1.85645	0.0004394	0.415443	-2.40707	0.0001144	0.000350144	0.258595	-1.66171	0.000292	-3.86705	0.0547477	0.59883	4.96671	0.779816	1
cg10160842	C1orf79	0.03796383	0.614913	1.45094	1.45094	0.0201098	2.39309	2.39309	0.0181158	0.821493	0.302962	2.18793	0.208256	0.3777755	2.64722	0.377755	2.64722	0.377965	1.94212	1.94212	0.0855222	0.552322	-1.81054	0.255893	2.38758	2.38758	0.45314	1.75204	1.75204	3.72405	1.58008	0.2655	1
cg07105046	C1orf79	0.04625314	0.757975	0.885152	-1.12975	0.00317126	4.32575	4.32575	0.0143492	2.99469	2.99469	0.979514	1.00937	1.00937	0.275432	0.662141	-1.51025	0.186391	1.66362	1.66362	0.2448884	1.54936	1.54936	0.215562	1.6058	1.6058	0.5388631	1.25368	1.25368	3.48938	7.2965	1.85872	1
cg09172766	C1orf79,C2NF276,P2NF276	0.2702851	0.2620355	1.26142	1.26142	0.0222124	1.72429	1.72429	0.0575193	1.39054	1.3949	0.210117	1.30632	1.30632	0.0900202	1.61614	1.61614	0.0159538	0.413532	-2.30804	0.0321991	0.298084	-3.37959	0.2478	1.14586	1.14586	0.065192	1.10432	1.10432	4.84904	1.12939	1
cg04696171	C1orf79,C2NF276,P2NF276	0.036031	0.348911	1.27353	1.27353	0.768646	1.06619	1.06619	0.187641	1.41924	1.41924	0.0978209	1.5768	1.5768	0.670959	0.898302	1.1131	0.287519	0.758138	-1.31902	0.00165769	0.329491	-3.03458	0.0025646	1.29065	1.29065	0.674985	1.11153	1.11153	8.38052	0.885069	1
cg07164675	C1orf79,C2NF276,P2NF276	0.0384213	0.594244	0.807107	-1.23896	0.0780815	0.909269	0.909269	0.424212	0.0657358	0.315944	0.0134299	0.508613	0.508613	0.0362329	0.5341	-1.87231	0.000687245	0.265137	3.8003	0.000547645	0.238573	4.19255	0.0498314	0.449231	0.449231	0.0140417	0.4482	0.4482	0.0777	0.69382	-1.44099	0.693382	1
cg25771195	C1orf80	0.0284717	0.049151	0.351977	-2.8411	0.0363384	3.10012	3.10012	0.366239	0.649454	-1.53976	0.831598	1.10409	1.10409	0.00634837	0.191659	5.2176	0.169564	0.7946	1.9746	0.9517	0.972443	-1.02834	0.0779414	2.48628	2.48628	0.289179	1.66791	1.66791	4.16318	14.2553	3.40367	1
cg27139117	C1orf80	0.03335229	0.00513012	0.0753866	-13.265	0.382031	1.82468	1.82468	0.551624	0.668176	-1.49661	0.258811	2.20873	2.20873	0.660753	1.34366	1.34366	?	?	?	0.174588	2.64287	2.64287	?	?	?	0.0320166	1.78783	-1.59244	4.46458	24.0405	5.38471	1
cg08230637	C1orf80	0.03107943	0.315197	0.6814	-1.46753	0.0790713	0.962647	0.962647	0.906308	0.993742	0.0597047	0.211486	0.626227	1.59627	0.0001166	0.226227	4.42063	0.583171	1.22909	1.22909	0.567519	0.808834	1.01809	0.0180504	0.842621	0.929063	0.0794369	0.0107	1.0107	0.81816	1.33143	1
cg06478814	C1orf80,C16orf80	0.0337356	0.813912	0.959829	-1.04185	0.300997	1.20484	1.20484	0.453945	1.14184	1.14184	0.00124818	0.440484	-2.27023	0.29207	0.826893	-1.20935	0.0876415	0.720486	-1.38795	0.308134	0.832414	-1.20133	0.342186	1.18551	1.18551	0.16027	0.770397	-1.29803	3.91885	1.87657	0.425651	1
cg00356107	C1orf81	0.0168434	0.18074	-5.5554	0.0803436	0.00033439	0.173	0.52673	0.222851	0.0208828	-1.09855	0.0170835	0.32037	-3.12169	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782
cg00034611	C1orf81	0.0061005	0.0479445	1.35601	1.35605	0.136238	0.805533	-1.24141	2.02E-05	0.312994	-3.19495	0.0492784	1.35294	1.35294	0.306-07	0.132277	7.55587	0.0558474	0.746908	-1.33885	0.688127	1.05586	1.05586	0.759771	1.30474	1.30474	0.0012067	1.52816	-1.52816	4.96671	0.779816	1
cg00413426	C1orf81	1.82E-05	0.0774013	0.665148	-1.50342	0.00377796	0.444116	-2.25166	3.17E-05	0.185768	-5.38305	0.982659	1.00452	1.00452	6.52E-06	0.124274	-8.04676	2.03E-05	0.167143	-5.98289	7.03E-06	0.126888	-7.88096	0.0190667	0.554678	-1.80285	8.07E-05	0.228182	-4.38247	34.7116	23.7161	0.607318	1
cg00239064	C1orf81	0.286-05	0.1486001	0.6803	-1.47009	0.0003443878	0.381909	-2.61842	0.000350666	0.411063	-2.43272	0.0427909	0.637289	-1.56927	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782
cg08635945	C1orf81	0.000289625	0.000806196	0.183157	-5.4598	0.00014763	0.111816	-8.94235	0.000423882	0.153228	-6.52621	0.124242	0.571874	-1.74864	0.0145653	0.364135	-2.74624	0.026705	0.414171	-2.41446	3.14E-05	0.065548	-15.2565	0.932753	1.02874	1.02874	0.00284963	0.251908	-3.96701	0.666103	29.6505	1.58682	1
cg23770229	C1orf81	0.000375937	0.0656364	0.518997	-1.92663	0.00016004	0.249545	-4.00948	0.000239326	0.454059	-2.20338	0.0591522	-1.48445	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782
cg27136547	C1orf81	0.000388106	3.45E-06	0.108941	-9.17931	0.322506	1.23046	1.23046	0.416732	0.844992	-1.18344	0.984817	1.00387	1.00387	0.923394	0.980671	-1.01971	0.0043894	0.415443	-2.40707	0.0001144	0.000350144	0.258595	-1.66171	0.000292	-3.86705	0.0547477	0.59883	4.96671	0.779816	1
cg04694209	C1orf81	0.000466597	0.474727	1.318292	1.318292	0.0087159	2.24372	2.24372	0.0609172	1.05316	1.05316	0.0491375	1.67938	1.67938	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782
cg00748753	C1orf81	0.00191166	0.00091475	0.222208	-4.50386	0.000682439	0.0910795	-10.9794	0.00560166	0.186484	-5.36239	0.284458	1.00476	1.00476	0.0895785	0.354231	-2.82302	0.00103767	0.522691	-1.91318	0.00126468	0.533952	-1.87283	0.0135094	1.50337	1.50337	0.821084	0.970245	-1.03067	9.67193	2.7241	0.250356	1
cg00936585	C1orf81	0.00193695	0.0232684	0.42383	-2.36025	0.00622849	0.695909	-1.43962	0.00429151	0.507024	-1.97316	0.840098	1.00746	1.00746	0.0091376	0.478264	-2.09109	0.0022952	0.222006	4.5051	0.000230473	0.0397466	-25.1704	0.284469	1.30522	1.30522	0.0528363	1.184441	-1.42179	6.03674	16.3875	3.8056	1
cg00051393	C1orf81	0.0138493	0.00877015	0.418097	-2.39179	0.0333777	0.352983	-2.833	0.026321	0.502459	-1.99021	0.26703	0.739282	-1.35266	0.0439804	0.54625	-1.83066	0.0239429	0.494722	-2.02134	0.00345881	0.354522	-2.8207	0.0703034	0.589479	-1.69641	0.0302525	0.514014	-1.94547	5.31876	5.74854	0.960715	1
cg08359008	C1orf81	0.0203566	0.0268683	0.5585578	-10.1463	0.474262	0.703229	-1.92199	0.00846735	0.183728	-5.53317	0.430531	0.485591	-2.05935	0.0005623	0.685695	-1.22407	0.0239682	0.086212	-11.599	0.0074142	0.215824	-63.1952	0.996912	1.00348	1.00348	0.0315697	0.117326	-8.52328	4.55155	18.5843	11.3479	1
cg08359602	C1orf81	1.13736-5	0.0001344	0.3556	-2.81158	0.0115589	0.127759	-7.82721	0.0035936	0.213372	-4.68666	0.0153546	0.581581	1.7E-05	0.0075586	0.277024	3.6098	0.0596982	0.252138	-3.96608	0.0049225	0.0890717	-11.2269	0.0392004	0.824415	-4.70777	0.0466656	0.226699	-4.41113	3.97159	26.5136	5.93406	1
cg01714172	C1orf81	0.0443818	0.62043	0.74723	-1.33828	0.123814	0.978016	-2.64539	0.0375892	0.444538	-2.24438	0.08767	0.333841	1.78923	1.7803	0.0231828	0.198419	0.053747	0.278486	-3.59085	0.0309016	0.120621	-8.32917	0.0001144	0.000350144	0.258595	-1.66171	0.000292	-3.86705	0.0547477	0.59883	4.96671	0.779816	1
cg17306401	C1orf82	0.00184549	0.000628988	0.2377	-4.39727	0.0788272	0.909269	0.909269	0.424212	0.0657358	0.315944	0.0134299	0.508613	0.508613	0.0362329	0.5341	-1.87231	0.000687245	0.265137	3.8003	0.000547645	0.238573	4.19255	0.0498314	0.449231	0.449231	0.0140417	0.4482	0.4482	0.0777	0.69382	-1.44099	0.693382	1
cg03713826	C1orf82	0.00170295	0.000188345	0.313587	-3.18891	0.263102	0.806703	-1.23961	0.000723265	0.387979	-2.57746	0.28596	0.815445	-1.22632	0.0193536	0.594113	1.68318	0.599798	0.907126	-1.10238	0.424439	1.16205	1.16205	0.000759549	0.390792	-2.55891	0.279656	0.813083	-1.22989	10.1027	5.42354	0.477191	1
cg08119007	C1orf82	0.00198242	0.00375142	0.159893	-5.92347	0.000343878	0.381909	-2.61842	0.000350666	0.411063	-2.43272	0.0427909	0.637289	-1.56927	0.55752	0.90566	-1.10417	0.439874	0.876597	-1.14065	0.0072484	0.607735	-1.64533	0.0001144	0.000350144	0.258595	-1.66171	0.000292	-3.86705	0.0547477	0.59883	4.96671	0.779816	1
cg02926298	C1orf82,C16orf82	1.48E-05	1.556-05	0.32679	-3.06045	0.0845477	0.787652	-1.2696	1.57E-05	0.32766	-3.05195	0.184047	1.1928	1.1928	6.96E-06	0.287888	3.47357	0.0003956	0.252	2.2532	0.00329246	0.165033	6.05033	0.774053	0.964629	-1.03667	0.00317994	0.438479	-2.28061	36.6641	0.08938	0.220364	1
cg27128489	C1orf87	0.000532989	7	?	?	0.000331557	0.0728212	-13.7323	0.854663	0.920435	-1.08644	0.922954	1.04471	1.04471	8.13E-05	0.0402098	-24.8695	0.0634954	0.389267	2.56893	0.000374461	0.0763594	-13.096	0.354315	1.53862	1.53862	0.16876	0.515283	-1.94068	14.3808	41.3926	2.87832	1
cg00932686	C1orf87	0.000826615	4.31E-05	0.212667	-4.6293	0.0062849	0.0538665	-18.5962	0.0042151	0.257024	-3.98716	0.840098	1.00476	1.00476	1.33996	0.0041376	0.75063	?	?	?	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782
cg02717630	C1orf87	0.00200815	0.263222	0.802914	-1.24546	0.293834	0.814711	-1.22743	0.494058	0.877484	-1.13962	0.044494	0.647741	-1.54383	0.0001533	0.294814	3.99197	0.033733	0.627092	-1.59466	0.00779522	0.384221	-2.60267	0.0766744	1.44856	1.44856	0.252402	1.25232	1.25232	6.93048	5.40214	0.498615	1
cg09107055	C1orf87	0.0078211	0.785536	0.844714	-1.18409	0.0127284	0.534849	-1.87033	0.0013247	0.240247	-4.14796	0.148007	0.851734	-1.17449	0.0004208	0.699631	-1.42953	0.0004779	0.148007	6.73E-05	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782	0.164107	0.170832	-5.85403	0.0001379	0.07012	1.10782
cg00354540	C1orf87	0.0157645	0.183279	0.712186	-1.40413	0.00341818	0.384339	-2.60187	0.0294948	0.539981	-1.85189	0.371403	0.802031	-1.24683	0.348601	0.792973	1.26108	0.0734146	1.61584	1.61584	0.0812291	1.59147	1.59147	0.0205751	0.511439	-1.95531	0.100738	0.649116	1.54056	5.09604	4.6639	0.813511	1
cg18342900	C1orf87	0.0282828	0.974289	1.00375	1.00375	0.0316732	1.71582	1.71582	0.0116595	1.44244	1.44244	0.742576	0.962422	-1.03904	0.218403	0.860333	-1.16234	0.797898	1.03027	1.03027	0.700026	0.956056	-1.04602	0.296949	1.1339	1.1339	0.80043	1.01615	1.01615	4.17297	0.892561	0.190125	1
cg08050152	C1orf87	0.0294157	0.215434	0.749737	-1.33396	0.0376136	0.511527	-1.95687	0.0013202	0.231802	-4.31802	0.0382737	0.800432	-1.24974	0.156685	0.747014	1.33827	0.0048152	0.386863	2.58489	0.749125	0.935682	-1.06874	0.443416	0.850516	-1.17576

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22190438	C17orf104;C17orf104	2.18E-05	0.00495263	3.9968	3.9968	0.502274	0.776058	-1.28856	0.312148	0.677533	-1.47594	0.00918018	3.42717	3.42717	1.62E-05	27.3251	27.3251	0.0398021	0.412742	-2.42282	4.97E-06	0.0207333	-48.2317	0.000296212	8.96948	8.96948	0.534809	0.791329	-1.2637	33.1091	72.6948	1.95166	1
cg18515343	C17orf105	0.00909625	0.0471436	0.480271	-2.08216	0.0292527	2.29167	2.29167	0.00641119	0.318231	-3.14237	0.541645	0.819162	-1.22076	0.0935052	0.551251	-1.81406	0.0573126	0.499453	-2.00219	0.00747656	0.328955	-3.03993	0.00369317	0.281729	-3.54951	0.395337	0.754988	-1.32452	6.09177	10.0569	1.46747	1
cg05890616	C17orf105	0.0194903	0.0202009	0.147388	-6.78481	0.120395	0.31615	-3.16305	0.0221545	0.153372	-6.5201	0.383075	0.54258	-1.84305	0.00361833	0.0677533	-14.7594	0.0169031	0.136433	-7.32959	0.0109952	0.112949	-8.85357	0.02698	0.166905	-5.99145	0.0340117	0.184243	-5.4276	4.74596	35.1217	6.57807	1
cg25186492	C17orf106	0.0024086	0.320972	0.806653	-1.23969	0.211559	0.758985	-1.31755	0.00940154	0.501621	-1.99354	0.96695	1.00872	1.00872	0.962211	0.990121	-1.00998	0.210861	0.75863	-1.31817	6.75E-05	4.61274	4.61274	0.342686	1.22733	1.22733	0.798257	1.05514	1.05514	9.13151	6.34981	0.61811	1
cg21697561	C17orf106;ACOX1;ACOX1	0.00524133	0.77997	0.957918	-1.04393	0.0424453	1.43152	1.43152	0.027524	0.670211	-1.49207	0.758846	0.953828	-1.04841	0.049217	0.708486	-1.41146	0.202202	0.813253	-1.22963	0.000258405	0.397299	-2.517	0.125263	1.29011	1.29011	0.487497	1.11437	1.11437	7.2336	2.69999	0.331784	1
cg11270042	C17orf108	0.027596	0.483186	1.29855	1.29855	0.0900646	1.98355	1.98355	0.553778	0.802859	-1.24555	0.0129556	0.322813	-3.09777	0.0696365	0.475272	-2.10406	0.010895	0.309819	-3.22769	0.0923547	0.507072	-1.97211	0.0407784	0.420721	-2.37687	0.0976001	0.513578	-1.94712	4.20926	8.95944	1.89201	1
cg12183221	C17orf108	0.0283304	0.226935	0.668645	-1.49556	0.0936436	0.55711	-1.79498	0.452921	0.784582	-1.27456	0.599316	0.845176	-1.18319	0.000442444	0.172042	-5.81254	0.733047	0.897066	-1.11475	0.910155	0.964818	-1.03647	0.595879	1.1851	1.1851	0.236943	0.674929	-1.48164	4.1705	6.64952	1.41726	1
cg19761262	C17orf108	0.0461232	0.148975	0.791446	-1.26351	0.511073	1.10598	1.10598	0.797649	1.03959	1.03959	0.423892	1.13137	1.13137	0.05469	1.39008	1.39008	0.00287791	0.538194	-1.85806	0.884512	1.02221	1.02221	0.737433	0.950422	-1.05216	0.265058	1.19188	1.19188	3.49308	1.2635	0.321525	1
cg12349832	C17orf28	0.000534003	0.00336139	0.453682	-2.20419	0.0476024	1.56646	1.56646	0.000398682	0.327468	-3.05374	0.0108123	0.53037	-1.88547	0.000261692	0.30455	-3.28353	0.342397	1.21384	1.21384	0.00187999	0.417613	-2.39456	0.04612	1.57256	1.57256	0.101474	0.701021	-1.42649	14.0318	8.72142	0.552485	1
cg13537156	C17orf28	0.00175754	0.298706	0.810469	-1.23385	0.649905	1.09324	1.09324	2.40E-05	0.193433	-5.16975	0.0578628	0.658135	-1.51945	0.330837	0.822216	-1.21623	0.356813	1.20309	1.20309	0.874551	0.969646	-1.0313	0.143768	1.35857	1.35857	0.835496	1.0414	1.0414	10.0108	6.03451	0.535821	1
cg05865011	C17orf28	0.00249678	0.0104364	0.398211	-2.51123	0.115242	1.63074	1.63074	0.413229	1.26983	1.26983	0.0133906	2.39818	2.39818	0.00475554	0.342808	-2.91708	0.686496	0.890588	-1.12285	0.000346987	0.193341	-5.1722	0.134817	0.631037	-1.58469	0.964703	1.01272	1.01272	9.03547	11.6702	1.14809	1
cg03553897	C17orf28	0.00275113	0.0174088	0.42628	-2.34587	0.161087	1.55397	1.55397	0.00253729	0.291175	-3.43436	0.70661	0.894613	-1.1178	0.00198034	0.276142	-3.62132	0.371933	0.763401	-1.30993	0.000625056	0.212401	-4.70807	0.00380115	0.316759	-3.15698	0.132411	0.619905	-1.61315	8.78058	12.0611	1.22099	1
cg21404063	C17orf28	0.00349623	0.0754351	1.57433	1.57433	0.10226	1.50687	1.50687	0.000368715	0.270503	-3.69682	0.832	0.952457	-1.04992	0.297483	0.780627	-1.28102	0.353569	1.24466	1.24466	0.0718306	0.630758	-1.5854	0.00315321	2.52223	2.52223	0.701595	1.09229	1.09229	8.17644	6.80853	0.740179	1
cg03154277	C17orf28	0.00547847	0.403008	0.933482	-1.07126	0.00761817	1.31783	1.31783	0.0647019	1.18162	1.18162	0.544295	0.951838	-1.0506	0.0625971	0.844895	-1.18358	0.00582837	0.747962	-1.33697	0.349362	0.925441	-1.08057	0.00439349	1.35786	1.35786	0.0511523	1.19558	1.19558	7.13614	0.731171	0.0910758	1
cg17713161	C17orf28	0.0105117	0.143602	0.653537	-1.53013	0.0320308	1.97371	1.97371	0.000527935	0.23189	-4.31239	0.48849	0.82656	-1.20983	0.0542326	0.553598	-1.80636	0.768083	0.923079	-1.08333	0.909547	1.03124	1.03124	0.124048	1.56959	1.56959	0.899782	1.03469	1.03469	5.81686	6.74958	1.03142	1
cg02971219	C17orf28	0.0166013	0.0917761	0.610459	-1.63811	0.802515	0.935549	-1.06889	0.0506712	0.55321	-1.80763	0.0132667	0.44223	-2.26126	0.00162356	0.300956	-3.32274	0.049992	0.551979	-1.81166	0.825048	0.942838	-1.06063	0.189468	1.44705	1.44705	0.0338666	0.51758	-1.93207	5.00904	5.60739	0.995069	1
cg08118042	C17orf28	0.0180641	0.307549	1.28847	1.28847	0.597866	1.13625	1.13625	0.000472198	0.267685	-3.73574	0.975853	0.992763	-1.00729	0.28194	0.764667	-1.30776	0.780208	1.06943	1.06943	0.0398883	0.565528	-1.76826	0.380147	1.24113	1.24113	0.731204	0.920584	-1.08627	4.8693	4.44053	0.810617	1
cg18909235	C17orf28	0.0209939	0.197237	1.47039	1.47039	0.127889	1.59286	1.59286	0.132847	0.632147	-1.58191	0.72838	1.10363	1.10363	0.00535487	0.354383	-2.82181	0.394054	0.781217	-1.28005	0.284112	1.36986	1.36986	0.663337	1.13188	1.13188	0.00519585	0.352334	-2.83821	4.62749	5.86235	1.12609	1
cg07430967	C17orf28	0.0288058	0.36964	0.734999	-1.36055	0.78249	0.911667	-1.09689	0.403119	0.75133	-1.33097	0.545202	0.814971	-1.22704	0.00901963	0.329773	-3.03239	0.973487	0.988956	-1.01117	0.271667	1.46578	1.46578	0.00453897	3.5376	3.5376	0.0949822	0.541654	-1.8462	4.14607	7.33263	1.57207	1
cg03443162	C17orf28	0.0479246	0.137955	0.557843	-1.79262	0.624041	0.834848	-1.19782	0.616588	0.831554	-1.20257	0.265584	1.52794	1.52794	0.020255	0.359553	-2.78123	0.847121	1.07307	1.07307	0.204005	0.612722	-1.63206	0.00687874	3.59172	3.59172	0.835437	1.07897	1.07897	3.44301	7.28078	1.87969	1
cg20498199	C17orf37	0.000737644	0.0884529	0.751821	-1.3301	1.00E-04	0.350864	-2.85011	0.000919015	0.471611	-2.12039	0.135001	0.783064	-1.27703	0.000282574	0.406356	-2.4609	0.00241951	0.526745	-1.89845	0.560265	1.0935	1.0935	0.850239	0.97172	-1.0291	0.0102913	0.61218	-1.63351	12.8212	4.67714	0.324264	1
cg14611258	C17orf39	0.0435556	0.0140685	0.302249	-3.30853	0.0812455	0.4663	-2.14454	0.413978	0.719188	-1.39046	0.7856	0.897961	-1.11363	0.0072017	0.254328	-3.93194	0.0378259	0.386495	-2.58735	0.0135454	0.29936	-3.34045	0.615819	0.818976	-1.22104	0.199147	0.585366	-1.70833	3.56875	8.80615	2.1934	1
cg21499391	C17orf42	0.000596797	0.61999	1.04954	1.04954	0.300846	1.10926	1.10926	0.00153349	0.643395	-1.55426	0.962018	0.995404	-1.00462	0.187801	0.873709	-1.14455	0.00113217	0.629197	-1.58933	2.52E-05	0.445236	-2.246	0.221116	0.883018	-1.13248	0.198812	1.14035	1.14035	13.6042	2.01577	0.131709	1
cg27455049	C17orf42	0.00112595	0.121421	0.868372	-1.15158	0.00362222	0.71826	-1.39225	0.104899	0.861616	-1.16061	0.393127	0.929113	-1.0763	0.00214609	0.696061	-1.43666	0.405185	0.93092	-1.07421	2.16E-05	0.487636	-2.05071	0.954513	0.995217	-1.00481	0.0659071	0.840779	-1.18937	11.3765	1.27283	0.0994507	1
cg05267587	C17orf42	0.00139892	0.0323784	0.864166	-1.15718	0.894129	0.992271	-1.00779	0.129461	1.10017	1.10017	0.000234396	0.700839	-1.42686	0.0262751	0.857619	-1.16602	0.0782488	1.12076	1.12076	0.0520954	0.879183	-1.13742	0.00148961	1.30599	1.30599	0.416479	0.952758	-1.04958	10.6919	0.575058	0.0478084	1
cg03232753	C17orf42;C17orf42	0.00132395	0.697282	0.972635	-1.02814	0.00541439	1.29669	1.29669	0.00012005	1.61155	1.61155	0.969335	1.00273	1.00273	0.0444531	1.17801	1.17801	0.395065	0.940046	-1.06378	0.0584185	0.859173	-1.16391	0.714492	0.974258	-1.02642	0.00101779	1.41319	1.41319	10.8621	0.866726	0.0709275	1
cg03616195	C17orf42;C17orf42	0.0279781	0.27746	1.08413	1.08413	0.809099	0.98284	-1.01746	0.0392065	0.843123	-1.18607	0.115232	1.13029	1.13029	0.0291404	0.832051	-1.20185	0.0968385	0.877794	-1.13922	0.0794083	0.87001	-1.14941	0.133421	1.12274	1.12274	0.0376422	1.18822	1.18822	4.18894	0.339309	0.0720011	1
cg25194055	C17orf44	0.000199516	0.0026725	1.80384	1.80384	5.51E-05	0.344192	-2.90535	0.230611	0.836383	-1.19562	0.0750889	1.32524	1.32524	0.0078625	1.62336	1.62336	0.711599	1.05417	1.05417	0.000281946	0.430307	-2.32392	0.00614728	1.6617	1.6617	0.332899	1.15247	1.15247	18.3833	5.87644	0.284145	1
cg21143441	C17orf44	0.000652585	0.00158352	0.347127	-2.88079	0.000718963	3.32305	3.32305	0.141798	1.4456	1.4456	0.645893	0.897686	-1.11398	0.00038798	0.267104	-3.74386	0.265065	1.31125	1.31125	0.0268012	0.542262	-1.84413	0.0091853	2.16345	2.16345	0.524426	0.860284	-1.16241	13.2689	11.438	0.766238	1
cg25696023	C17orf44	0.00894801	0.0227094	0.702387	-1.42372	0.102577	1.26034	1.26034	0.0123844	1.49673	1.49673	0.352139	0.883355	-1.13205	0.161042	0.82373	-1.21399	0.315617	0.874238	-1.14385	0.0011574	0.538877	-1.85571	0.68988	0.949372	-1.05333	0.374853	1.12523	1.12523	6.12362	1.6273	0.236215	1
cg20999084	C17orf44	0.0183766	0.0306819	0.770502	-1.29786	0.0182375	0.745058	-1.34218	0.791222	1.02762	1.02762	0.324585	1.11012	1.11012	0.0249388	1.31525	1.31525	0.463602	1.07962	1.07962	0.00700651	0.699014	-1.43059	0.348736	1.10414	1.10414	0.433927	1.08545	1.08545	4.84126	0.808602	0.148465	1
cg05892673	C17orf46;LOC100133991	0.000187589	0.000233111	0.140459	-7.1195	0.000373345	0.160433	-6.23312	0.000203282	0.134969	-7.40913	0.000459323	0.169765	-5.89051	2.38E-05	0.0664857	-15.0408	0.00345491	0.279001	-3.58422	0.00508608	0.304049	-3.28894	0.0128121	0.370114	-2.70187	0.00848819	0.339527	-2.94527	18.6929	30.6039	1.45528	1
cg04992638	C17orf46;LOC100133991;LOC100133991	0.00227862	0.566545	0.701801	-1.42491	0.125958	2.75114	2.75114	0.00047042	28.7584	28.7584	0.678509	0.775099	-1.29016	0.0014792	16.4981	16.4981	0.348569	1.8037	1.8037	0.863807	1.11064	1.11064	0.726488	0.806825	-1.23943	0.000416102	30.6349	30.6349	9.28137	54.9146	5.25925	1
cg08247376	C17orf46;LOC100133991;LOC100133991	0.00467486	0.753088	1.14821	1.14821	0.125487	2.06715	2.06715	0.00101916	8.44342	8.44342	0.832549	0.911445	-1.09716	0.00534129	4.98822	4.98822	0.421441	1.43284	1.43284	0.900626	0.94676	-1.05623	0.887803	0.94005	-1.06377	0.000421667	11.5544	11.5544	7.49048	22.7525	2.70002	1
cg13001868	C17orf46;LOC100133991;LOC100133991	0.00718562	0.779388	1.35038	1.35038	0.15943	4.99441	4.99441	0.00196672	107.706	107.706	?	?	?	0.0543245	10.3364	10.3364	0.311827	3.06239	3.06239	?	?	?	0.916024	1.11943	1.11943	0.000697931	252.546	252.546	6.86861	96.8088	16.1079	1
cg11933779	C17orf46;LOC100133991;LOC100133991	0.0295955	0.137082	0.513859	-1.94606	0.906356	0.952251	-1.05014	0.0253784	3.01877	3.01877	0.726352	0.864086	-1.15729	0.0123701	3.64986	3.64986	0.909042	1.04866	1.04866	0.411916	0.705531	-1.41737	0.0955717	0.467104	-2.14085	0.0162218	3.39536	3.39536	4.10656	11.2421	2.43341	1
cg11890622	C17orf47	0.000169128	0.810395	0.947667	-1.05522	0.000407382	0.284744	-3.51192	0.122788	0.688021	-1.45344	0.325557	0.796907	-1.25485	1.09E-05	0.12289	-8.13734	0.000102947	0.215037	-4.65037	0.298348	1.27263	1.27263	0.0920105	0.66047	-1.51407	0.00128867	0.350273	-2.85491	19.2241	15.2277	0.704103	1
cg06897702	C17orf47	0.0240112	0.790115	1.07316	1.07316	0.000600764	0.246355	-4.05918	0.495772	0.832716	-1.20089	0.949631	0.983418	-1.01686	0.751901	1.08757	1.08757	0.555694	1.17087	1.17087	0.0521435	1.79442	1.79442	0.901079	1.03346	1.03346	0.887366	1.03822	1.03822	4.41868	4.90268	0.986254	1
cg16533245	C17orf48	0.00145025	0.356363	1.21087	1.21087	0.000231249	0.291484	-3.43072	0.000303093	0.305951	-3.2685	0.00498553	0.472553	-2.11617	0.177953	1.33471	1.33471	0.597476	0.898098	-1.11346	0.476768	1.1571	1.1571	0.924558	0.981078	-1.01929	0.665102	1.09182	1.09182	10.5818	6.81755	0.572686	1
cg06082141	C17orf48	0.00697573	0.936307	0.979911	-1.0205	0.000939728	0.28564	-3.50091	0.000634697	0.263788	-3.79092	0.198047	0.707917	-1.41259	0.255942	1.35136	1.35136	0.928707	1.02298	1.02298	0.436799	1.22314	1.22314	0.538824	0.853849	-1.17117	0.265167	0.744639	-1.34293	6.62229	6.76204	0.907647	1
cg17912345	C17orf48;SCO1	0.00217653	0.0742886	0.758899	-1.3177	0.412042	1.12339	1.12339	0.145393	1.2422	1.2422	0.132581	1.25249	1.25249	0.000490217	0.468805	-2.13308	0.00485421	0.595649	-1.67884	0.0346212	0.710535	-1.40739	0.0261013	1.44225	1.44225	0.0336323	1.41092	1.41092	9.40675	2.86697	0.270913	1
cg14843989	C17orf48;SCO1	0.00337846	0.122294	0.77213	-1.29512	0.862678	0.97362	-1.02709	0.0744056	0.735677	-1.35929	0.110511	1.30808	1.30808	0.758662	0.953525	-1.04874	0.810499	0.963584	-1.03779	9.02E-05	0.339121	-2.9488	0.11868	0.769852	-1.29895	0.0420701	1.43578	1.43578	8.26064	3.11988	0.335716	1
cg09199291	C17orf48;SCO1	0.0132238	0.540748	1.19692	1.19692	0.0684952	1.80761	1.80761	0.316523	0.740379	-1.35066	0.604537	0.859282	-1.16376	0.597353	1.16735	1.16735	0.204827	1.47456	1.47456	0.00037736	0.192155	-5.20414	0.578911	0.849818	-1.17672	0.217167	0.685975	-1.45778	5.39994	7.20653	1.18627	1
cg07187585	C17orf48;SCO1	0.0137761	0.360385	0.910971	-1.09773	0.0470615	1.25278	1.25278	0.73784	1.03387	1.03387	0.740583	1.0335	1.0335	0.155736	1.16255	1.16255	0.232976	0.883363	-1.13204	0.000887277	0.610283	-1.63859	0.0259493	0.769403	-1.29971	0.805828	1.02472	1.02472	5.32803	0.829789	0.138436	1
cg01485483	C17orf48;SCO1	0.0328397	0.0372013	1.43408	1.43408	0.722821	0.948301	-1.05452	0.0175889	1.53815	1.53815	0.101302	1.3066	1.3066	0.0217479	0.663275	-1.50767	0.917266	1.01561	1.01561	0.0889143	0.756034	-1.32269	0.571625	1.08894	1.08894	0.170881	1.24277	1.24277	3.95697	1.39233	0.312771	1
cg02723850	C17orf49;C17orf49;C17orf49	1.56E-05	0.00435354	0.402869	-2.48219	0.0619072	0.605491	-1.65155	0.00845486	2.23088	2.23088	0.735346	0.922226	-1.08433	0.0180179	0.503721	-1.98523	0.463848	1.19474	1.19474	0.0353402	1.79471	1.79471	0.0493671	0.585508	-1.70792	2.06E-07	0.0232853	-42.9455	36.1319	32.5904	0.801765	1
cg22091918	C17orf49;C17orf49;C17orf49	0.008779	0.219372	1.50199	1.50199	0.0289895	2.33257	2.33257	?	?	?	0.360839	0.74572	-1.34099	?	?	?	?	?	?	0.00121147	0.181978	-5.49517	0.0771159	0.531452	-1.88164	0.860445	0.947017	-1.05595	8.91138	8.56971	0.961659	1
cg13480818	C17orf49;C17orf49;C17orf49	0.0143254	0.97824	0.996767	-1.00324	0.00734291	1.50721	1.50721	0.00983448	1.47313	1.47313	0.409523	0.904714	-1.10532	0.571304	0.934335	-1.07028	0.00787028	0.667114	-1.49899	0.0621389	1.28315	1.28315	0.374104	0.897347	-1.1144	0.916993	0.9877	-1.01245	5.25997	1.17415	0.198421	1
cg02389292	C17orf49;C17orf49;C17orf49	0.0186853	0.325116	1.10012	1.10012	0.00453993	1.42623	1.42623	0.450922	0.930408	-1.0748	0.047418	1.23736	1.23736	0.386469	1.08694	1.08694	0.807899	1.02314	1.02314	0.733242	0.968386	-1.03265	0.00546923	1.4093	1.4093	0.00637599	1.39566	1.39566	4.81414	0.672353	0.124144	1
cg20805367	C17orf49;C17orf49;C17orf49	0.0193826	0.0246768	0.227126	-4.40284	0.222034	2.03632	2.03632	0.039333	3.7473	3.7473	0.699027	0.806319	-1.2402	0.0307752	0.245199	-4.07832	0.782046	1.16611	1.16611	0.00485021	0.126211	-7.92323	0.11587	0.387914	-2.57789	0.15843	0.433698	-2.30575	4.75488	23.1214	4.32238	1
cg07058528	C17orf49;C17orf49;C17orf49	0.0332357	0.0141382	0.418197	-2.39122	0.0422124	1.96158	1.96158	0.463903	1.2394	1.2394	0.320295	0.744041	-1.34401	0.148152	0.639788	-1.56302	0.086428	0.579659	-1.72515	0.0312508	2.07014	2.07014	0.301503	0.734772	-1.36097	0.494376	1.22114	1.22114	3.93996	5.17224	1.1669	1
cg23261070	C17orf49;C17orf49;C17orf49	0.0359371	0.966387	0.987672	-1.01248	0.0507499	0.519322	-1.92559	0.104615	0.593228	-1.68569	0.0408748	2.00329	2.00329	0.019936	0.437352	-2.28649	0.0586924	0.533315	-1.87507	0.0938385	0.581372	-1.72007	0.236098	1.4412	1.4412	0.502023	1.2221	1.2221	3.83027	5.25691	1.21997	1
cg00248828	C17orf50	3.33E-07	4.15E-05	0.408862	-2.44581	0.00409002	0.643203	-1.55472	2.51E-08	0.094303	-10.6041	4.07E-06	0.293975	-3.40165	1.51E-07	0.152954	-6.5379	0.216637	0.861644	-1.16057	0.000649938	0.5494	-1.82017	7.49E-07	0.216963	-4.60908	1.67E-05	0.363079	-2.75422	96.995	20.154	0.184697	1
cg20876003	C17orf50	0.00461269	0.00568972	0.163907	-6.10102	0.00290633	0.129942	-7.69576	0.00307761	0.132601	-7.54143	0.605504	1.29667	1.29667	0.0316947	0.284843	-3.5107	0.0919094	0.396448	-2.5224	0.00110324	0.0908606	-11.0059	0.0241585	0.26171	-3.82102	0.0204539	0.248384	-4.02603	7.52103	29.6169	3.50034	1
cg22700039	C17orf51	0.00173445	0.189401	0.677551	-1.4759	0.0387319	0.51157	-1.95477	0.660255	1.13186	1.13186	0.0851299	0.58682	-1.7041	8.02E-05	0.136182	-7.3431	0.000770581	0.240313	-4.16124	0.532736	0.837837	-1.19355	0.0103808	0.405012	-2.46906	0.00821319	0.387955	-2.57762	10.0492	12.4796	1.10386	1
cg02531905	C17orf51	0.00235968	0.242478	1.19835	1.19835	0.104776	1.29986	1.29986	0.000896555	0.479284	-2.08645	0.0109845	1.60326	1.60326	0.943416	0.989555	-1.01056	0.0452517	1.40466	1.40466	0.843483	0.971181	-1.02967	0.00134378	0.501984	-1.99209	0.095772	1.31081	1.31081	9.1867	3.18385	0.308063	1
cg26500955	C17orf51	0.0178377	0.598905	0.809844	-1.23481	0.0285654	0.358224	-2.79155	0.969937	0.985136	-1.01509	0.318601	1.50624	1.50624	0.002234	0.182423	-5.48175	0.402727	0.711562	-1.40536	0.00799648	0.259045	-3.86033	0.105265	2.02048	2.02048	0.420607	0.72111	-1.38675	4.88999	12.2298	2.2231	1
cg23291136	C17orf51	0.0213925	0.232906	1.13677	1.13677	0.0359686	0.778783	-1.28406	0.00179216	1.57671	1.57671	0.790082	0.973028	-1.02772	0.682177	0.958683	-1.0431	0.119211	0.840897	-1.18921	0.0841535	1.21631	1.21631	0.34284	0.904701	-1.10534	0.562556	1.06183	1.06183	4.59783	0.764774	0.147852	1
cg26072705	C17orf51;C17orf51	0.000116336	0.0030595	0.300992	-3.32235	0.0263463	0.458536	-2.18086	0.105819	1.68699	1.68699	0.134903	0.620573	-1.61141	1.31E-06	0.0253802	-39.4008	0.252047	0.701739	-1.42503	0.00997046	0.38164	-2.62027	0.108282	0.595333	-1.67973	0.566169	0.842258	-1.18729	21.2612	29.5069	1.23363	1
cg02129122	C17orf53;C17orf53	0.00139309	0.418425	0.877241	-1.13994	0.509689	1.11176	1.11176	0.301664	0.84408	-1.18472	0.000238166	0.381367	-2.62214	0.000479656	0.419817	-2.38199	0.165859	0.7913	-1.26374	0.440943	1.13256	1.13256	0.00570271	0.563124	-1.77581	0.00115731	0.469506	-2.1299	10.7047	4.25403	0.353242	1
cg07305938	C17orf53;C17orf53	0.0090938	?	?	?	?	?	?	0.00751431	19.4318	19.4318	?	?	?	0.0092958	15.6708	15.6708	?	?	?	0.0225884	0.136446	-7.32889	0.0157089	0.102468	-9.75913	0.671978	0.806847	-1.23939	30.1464	52.8863	1.05259	1
cg25425074	C17orf53;C17orf53	0.0150666	0.478186	0.843955	-1.1849	0.0398277	1.74913	1.74913	0.0318394	0.553275	-1.80742	0.468196	1.18966	1.18966	0.0236975	0.529732	-1.88775	0.132206	0.682306	-1.46562	0.00382845	0.399598	-2.50252	0.0353203	0.561753	-1.78014	0.413882	1.21717	1.21717	5.17312	4.53566	0.779355	1
cg26930078	C17orf53;C17orf53	0.0252761	0.422214	1.17111	1.17111	0.0126085	1.81772	1.81772	0.416605	0.852187	-1.17345	0.363888	1.19694	1.19694	0.936481	0.984761	-1.01547	0.154423	0.745512	-1.34136	0.00797323	0.519313	-1.92562	0.0220415	0.589163	-1.69732	0.587671	1.11124	1.11124	4.34061	2.5517	0.522547	1
cg17707493	C17orf53;C17orf53	0.0320481	0.00810501	0.591903	-1.68946	0.909954	1.01765	1.01765	0.295376	0.845477	-1.18276	0.33916	1.16462	1.16462	0.0950748	0.752979	-1.32806	0.950369	0.990418	-1.00968	0.0655516	0.72637	-1.37671	0.484745	1.11608	1.11608	0.00424005	0.553162	-1.80779	3.99173	1.51268	0.336847	1
cg11317019	C17orf53;C17orf53	0.0490255	0.040284	0.69721	-1.43429	0.793613	1.04072	1.04072	0.188622	1.2362	1.2362	0.387756	1.14426	1.14426	0.202818	1.22712	1.22712	0.0332811	0.684714	-1.46046	0.0457567	1.41712	1.41712	0.833351	0.968435	-1.03259	0.0518783	1.4004	1.4004	3.41355	1.25283	0.326238	1
cg26289449	C17orf54	0.000137213	0.0387254	0.606971	-1.64753	0.131839	1.40389	1.40389	0.0530561	0.632238	-1.58168	0.63348	1.10539	1.10539	3.39E-06	0.101916	-9.81198	0.641187	0.906745	-1.10285	0.00197685	0.401864	-2.48841	0.000293258	0.292068	-3.42386	0.0216322	0.562587	-1.7775	20.3391	14.0132	0.612427	1
cg21474683	C17orf54	0.00163866	0.40949	0.739723	-1.35186	0.773277	0.901912	-1.10876	0.327627	0.696871	-1.43499	0.253652	0.653071	-1.53123	9.50E-05	0.0833566	-11.9967	0.53297	1.25319	1.25319	0.000334159	0.126402	-7.91129	0.00891164	0.304429	-3.28484	0.0308992	0.404223	-2.47388	10.2157	20.6672	1.79829	1
cg05729387	C17orf54	0.0124474	0.0167625	0.190508	-5.24911	0.068072	3.19149	3.19149	0.481804	0.666269	-1.5009	0.914719	0.940974	-1.06273	0.0012781	0.0694096	-14.4072	0.54692	0.707354	-1.41372	0.121824	0.385771	-2.59221	0.0128612	0.173011	-5.77997	0.0558857	0.292243	-3.42181	5.5076	28.1376	4.54122	1
cg13689996	C17orf54	0.0135213	0.400164	1.26238	1.26238	0.0386827	1.91135	1.91135	0.0131819	2.29657	2.29657	0.42309	0.801424	-1.24778	0.0861977	0.598762	-1.67011	0.034096	1.95239	1.95239	0.0909234	1.65504	1.65504	0.00254651	3.10424	3.10424	0.0507235	1.82627	1.82627	5.36075	6.21443	1.03044	1
cg17936051	C17orf54	0.0153787	0.0324782	0.2995	-3.3389	0.00165204	0.114285	-8.75004	0.0155794	0.239669	-4.17243	0.121046	0.444994	-2.24722	0.00816543	0.195842	-5.10615	0.0598692	0.359669	-2.78033	0.0203962	0.260247	-3.84251	0.0336003	0.302569	-3.30503	0.06021	0.360281	-2.77561	5.13811	18.8762	3.26557	1
cg02389050	C17orf54	0.0183083	0.0369176	0.572736	-1.74601	0.00106368	0.328689	-3.04239	0.0623229	0.617227	-1.62015	0.428456	0.830354	-1.20431	0.00894755	0.465496	-2.14824	0.561604	0.873742	-1.1445	0.859348	1.04163	1.04163	0.574648	0.877743	-1.13929	0.0250386	0.541682	-1.8461	4.84735	4.0601	0.744526	1
cg00959298	C17orf54	0.0211774	0.053645	0.222838	-4.48756	0.00122275	0.0391196	-25.5627	0.0171099	0.136545	-7.32359	0.978433	0.981651	-1.01869	0.0765578	0.259333	-3.85604	0.0707471	0.250728	-3.98839	0.0353847	0.186668	-5.3571	0.0318114	0.178377	-5.60611	0.289754	0.471047	-2.12293	4.61375	34.2971	6.6077	1
cg17393016	C17orf55	0.00351899	0.526827	0.814025	-1.22846	0.00169224	0.237069	-4.21819	0.278973	0.69684	-1.43505	0.865208	0.946942	-1.05603	0.43713	0.775414	-1.28963	0.0787655	0.534491	-1.87094	0.000326804	6.44407	6.44407	0.114406	0.576376	-1.73498	0.584705	1.19375	1.19375	8.16058	13.3081	1.44958	1
cg24870966	C17orf55	0.0129911	0.0122027	0.446694	-2.23867	0.603374	1.14484	1.14484	0.010231	0.4337	-2.30574	0.389993	1.25523	1.25523	0.040525	0.543108	-1.84126	0.765552	1.08023	1.08023	0.128044	0.654053	-1.52893	0.0138747	2.19141	2.19141	0.0349164	0.530278	-1.8858	5.43137	5.72846	0.937511	1
cg26327274	C17orf55	0.016619	0.105588	0.605342	-1.65196	0.216749	0.691412	-1.44632	0.0063129	0.364284	-2.74511	0.291588	0.732934	-1.36438	0.000702687	0.230691	-4.33481	0.803543	0.931679	-1.07333	0.027746	0.477763	-2.09309	0.057414	0.543246	-1.84079	0.184804	0.670775	-1.49081	5.00726	6.39263	1.13482	1
cg09332171	C17orf55	0.0286593	0.232045	1.21729	1.21729	0.336824	0.856113	-1.16807	0.156187	0.788217	-1.26869	0.00283575	0.524781	-1.90556	0.632733	0.927251	-1.07846	0.0733608	1.36783	1.36783	0.0394931	1.45298	1.45298	0.769208	0.954892	-1.04724	0.871677	1.02568	1.02568	4.15355	1.61899	0.346476	1
cg20502259	C17orf56	0.000245896	0.673649	1.07126	1.07126	4.74E-06	0.182256	-5.4868	0.538258	0.903692	-1.10657	0.193846	1.25033	1.25033	0.057396	0.705186	-1.41807	0.000614304	0.424344	-2.35658	0.177136	1.26253	1.26253	0.360719	0.858391	-1.16497	0.236801	0.817562	-1.22315	17.3681	7.26438	0.371786	1
cg06837783	C17orf56	0.000265674	6.00E-05	0.365775	-2.73392	0.116292	0.793428	-1.26035	0.000141767	0.410679	-2.43499	0.00613544	0.61581	-1.62388	0.00299036	0.575734	-1.73691	0.00329735	0.58115	-1.72072	0.000323246	0.454526	-2.20009	0.00515557	0.606052	-1.65002	0.000208947	0.431228	-2.31896	17.0056	4.95071	0.258775	1
cg06716358	C17orf56	0.0099534	0.35426	1.27417	1.27417	0.0391414	0.545044	-1.83471	0.409425	0.806958	-1.23922	0.944142	0.982343	-1.01797	0.0790881	0.609162	-1.6416	0.434336	1.22483	1.22483	0.00045153	4.07918	4.07918	0.0888253	1.61152	1.61152	0.955757	0.985994	-1.0142	5.91945	6.05955	0.909926	1
cg24433586	C17orf56	0.049894	0.0896626	0.744468	-1.34324	0.206408	1.2339	1.2339	0.161374	0.789872	-1.26603	0.952512	0.990651	-1.00944	0.738283	0.948488	-1.05431	0.14935	1.27613	1.27613	0.00973432	1.67478	1.67478	0.125442	0.769859	-1.29894	0.131634	1.29263	1.29263	3.39086	1.33579	0.350167	1
cg02132824	C17orf56;C17orf89	0.0202955	0.0326241	1.45986	1.45986	0.599003	0.922853	-1.0836	0.343015	1.15929	1.15929	0.923775	0.985624	-1.01459	0.666828	0.936568	-1.06773	0.967188	0.993795	-1.00624	0.00161834	0.504718	-1.98131	0.324498	0.857314	-1.16643	0.0301793	1.47063	1.47063	4.68116	1.69733	0.3223	1
cg05748073	C17orf56;C17orf89;C17orf89	0.00565453	0.910157	1.04283	1.04283	0.347004	1.43299	1.43299	0.0206005	2.81802	2.81802	0.017753	0.342658	-2.91836	0.111323	0.524989	-1.9048	0.000314261	0.114201	-8.75646	0.810315	1.09345	1.09345	0.249687	0.63958	-1.56353	0.119222	0.533562	-1.8742	7.06712	15.4487	1.94311	1
cg17124509	C17orf57	0.00015013	0.000217377	0.472869	-2.11475	0.719736	0.957194	-1.04472	2.58E-05	0.363254	-2.7529	0.0172063	1.42256	1.42256	0.00417237	0.627423	-1.59382	0.0144312	1.44208	1.44208	0.00538148	0.64085	-1.56043	0.00150364	0.573846	-1.74263	0.643365	1.05825	1.05825	19.8523	4.63556	0.207558	1
cg20046964	C17orf57	0.000506816	0.00422909	0.643109	-1.55495	0.758799	1.03614	1.03614	0.0646908	0.787269	-1.27021	0.268169	0.875509	-1.14219	9.34E-05	0.44785	-2.23289	0.0172397	0.715728	-1.39718	4.85E-05	0.41443	-2.41295	0.62381	0.944612	-1.05864	0.155433	1.19151	1.19151	14.2369	2.99603	0.187059	1
cg08085267	C17orf57	0.00274912	0.502426	1.76754	1.76754	0.129189	3.94312	3.94312	0.13743	0.26218	-3.81418	0.755242	1.29911	1.29911	0.00670672	0.0527421	-18.9602	0.000257617	0.006514	-153.515	0.0282671	8.73461	8.73461	0.111053	0.233939	-4.27461	0.0145655	0.0806231	-12.4034	8.78248	97.4001	9.85802	1
cg22643313	C17orf57	0.00612043	0.0170422	0.53917	-1.8547	0.360163	1.22114	1.22114	0.251682	0.775451	-1.28957	0.306988	1.2518	1.2518	0.1091	0.690007	-1.44926	0.0851349	0.667482	-1.49817	0.762725	0.937723	-1.06641	0.022688	0.560294	-1.78478	0.000669982	3.01987	3.01987	6.89669	4.926	0.634893	1
cg25173405	C17orf57	0.0121007	0.108639	0.308892	-3.23738	0.0253266	5.95872	5.95872	0.739732	0.799465	-1.25084	0.182966	2.58218	2.58218	0.0482591	0.219762	-4.55037	0.250926	0.446947	-2.2374	0.0023873	17.1504	17.1504	0.118681	0.320765	-3.11755	0.125407	0.328434	-3.04475	5.5584	39.6734	6.3445	1
cg01377475	C17orf57	0.0214465	0.265318	0.800717	-1.24888	0.00584016	0.50108	-1.99569	0.13014	0.731253	-1.36752	0.658287	0.918312	-1.08895	0.110072	0.716453	-1.39576	0.356687	0.834023	-1.19901	0.00523657	2.02414	2.02414	0.969041	1.00746	1.00746	0.089841	0.699088	-1.43043	4.59387	2.66687	0.516025	1
cg11869510	C17orf58;C17orf58	0.00207359	0.00195409	0.309733	-3.22859	0.00245949	3.08716	3.08716	0.81293	1.0655	1.0655	0.00294457	2.98256	2.98256	0.0114631	0.428872	-2.3317	0.194735	1.44354	1.44354	0.120612	0.637282	-1.56916	0.604784	1.14996	1.14996	0.0732254	0.585868	-1.70687	9.54084	10.8229	1.00834	1
cg10517222	C17orf58;C17orf58	0.00745743	0.400125	0.811192	-1.23275	0.0036316	2.60154	2.60154	0.0074471	2.31005	2.31005	0.0174112	2.02056	2.02056	0.0571727	0.592875	-1.6867	0.348778	1.26408	1.26408	0.0416118	0.565128	-1.76951	0.378079	0.802748	-1.24572	0.214022	0.727716	-1.37416	6.48556	6.06261	0.830921	1
cg08898949	C17orf58;C17orf58	0.00991215	0.0715591	0.689622	-1.45007	0.685308	1.07814	1.07814	0.324196	1.20688	1.20688	0.000219608	0.32064	-3.11876	0.172436	0.764754	-1.30761	0.0503552	0.662343	-1.50979	0.595491	0.905781	-1.10402	0.151367	0.752822	-1.32834	0.638697	1.09127	1.09127	5.92732	3.20198	0.480184	1
cg02287093	C17orf58;C17orf58	0.0118969	?	?	?	0.355772	0.614758	-1.62666	0.295182	0.571734	-1.74907	0.00118023	0.0420537	-23.7791	0.317794	0.588239	-1.69999	?	?	?	0.0483943	3.46435	3.46435	?	?	?	0.11928	0.407368	-2.45478	9.86483	24.1622	2.0411	1
cg02067584	C17orf59	0.000265411	6.74E-05	0.0971358	-10.2949	0.628136	0.855605	-1.16876	0.492261	1.24963	1.24963	0.51302	0.808992	-1.23611	0.000913826	0.205205	-4.87318	0.161545	0.620232	-1.6123	0.000356822	6.23949	6.23949	0.0857337	1.83456	1.83456	0.00224043	0.254781	-3.92494	17.0102	27.5029	1.4372	1
cg00619158	C17orf59	0.010115	0.651531	0.955382	-1.0467	0.458221	1.07878	1.07878	0.13783	1.17401	1.17401	0.188907	0.869585	-1.14997	0.186036	0.868698	-1.15115	0.0200109	0.754417	-1.32553	0.203371	0.873895	-1.1443	0.0223367	0.759688	-1.31633	0.00149299	1.58368	1.58368	5.88904	0.940074	0.141894	1
cg21690627	C17orf59	0.0144319	0.459685	1.11556	1.11556	0.0197407	1.50534	1.50534	0.00343268	1.78145	1.78145	0.683026	1.06146	1.06146	0.203541	0.822865	-1.21527	0.492022	0.903593	-1.10669	0.108427	1.28968	1.28968	0.793032	0.962522	-1.03894	0.0091256	0.618078	-1.61792	5.24716	1.75372	0.297088	1
cg05768005	C17orf59	0.0174633	0.268482	1.25247	1.25247	0.206398	1.29733	1.29733	0.61301	1.10475	1.10475	0.611952	1.10508	1.10508	0.16065	0.74624	-1.34005	0.358621	0.831624	-1.20247	0.000844687	0.375204	-2.66522	0.0202127	0.578665	-1.72811	0.324223	0.819668	-1.22001	4.92493	2.97573	0.537082	1
cg19670317	C17orf59	0.0377482	0.116898	0.767278	-1.30331	0.653853	0.932212	-1.07272	0.0461202	0.700901	-1.42674	0.86833	0.974527	-1.02614	0.539521	1.10142	1.10142	0.0569272	0.715297	-1.39802	0.00368567	0.54312	-1.84121	0.654825	0.932411	-1.07249	0.081466	1.3503	1.3503	3.76227	1.44112	0.340483	1
cg05236474	C17orf59;C17orf59	0.0077804	0.0035121	0.194365	-5.14495	0.256116	1.6331	1.6331	0.476337	1.34938	1.34938	0.460014	1.36512	1.36512	0.283732	1.58534	1.58534	0.793619	1.11458	1.11458	0.00058028	0.110602	-9.04143	0.318745	1.53167	1.53167	0.478658	1.34718	1.34718	6.3999	17.3525	2.4101	1
cg21002264	C17orf59;C17orf59	0.0133041	0.00626818	0.528957	-1.89051	0.054422	0.676887	-1.47735	0.146869	0.756996	-1.32101	0.0899652	1.39681	1.39681	0.00397439	0.500333	-1.99867	0.139429	0.752462	-1.32897	0.00754562	0.540808	-1.84908	0.91766	1.01866	1.01866	0.21773	0.793054	-1.26095	5.38925	2.72913	0.450136	1
cg06907580	C17orf59;C17orf59	0.0314484	0.476132	0.878451	-1.13837	0.00709799	0.536795	-1.86291	0.0330436	0.640299	-1.56177	0.423506	1.15744	1.15744	0.025834	0.622927	-1.60533	0.918698	1.01843	1.01843	0.0370588	1.54196	1.54196	0.757022	1.05708	1.05708	0.666778	0.925445	-1.08056	4.01878	2.03625	0.450385	1
cg05016975	C17orf60	2.11E-05	0.0972307	0.729775	-1.37028	0.000262825	0.354129	-2.82383	0.00515021	0.527588	-1.89542	0.100952	0.732774	-1.36468	1.02E-06	0.108928	-9.18038	0.000220196	0.344537	-2.90245	5.91E-06	0.171917	-5.81678	0.173468	0.778279	-1.28489	0.00143939	0.450508	-2.21971	33.414	15.8535	0.42174	1
cg25098068	C17orf60	0.0017633	0.0032765	0.30603	-3.26765	0.0367839	0.488363	-2.04766	0.285984	0.720802	-1.38734	0.0490764	0.514904	-1.94211	0.000637562	0.212348	-4.70924	0.00141562	0.25542	-3.91512	0.000316963	0.178468	-5.60325	0.0786765	0.561582	-1.78068	0.00320161	0.30456	-3.28343	10.0013	13.827	1.2289	1
cg17184392	C17orf61	0.00161838	0.256574	1.68377	1.68377	0.47369	1.37799	1.37799	0.516113	0.748489	-1.33602	0.429734	1.4257	1.4257	0.00229797	0.153374	-6.52	8.19E-05	0.0440002	-22.7272	0.00650351	0.210942	-4.74064	0.989214	1.00597	1.00597	0.250654	1.6958	1.6958	10.2526	31.4361	2.72548	1
cg12842389	C17orf61	0.00336099	0.0216564	0.770515	-1.29783	0.005218	0.705762	-1.41691	0.0135303	0.749024	-1.33507	0.536444	0.942527	-1.06098	0.750602	0.970299	-1.03061	0.000469885	1.68154	1.68154	0.605193	0.951888	-1.05054	0.151673	1.15631	1.15631	0.77781	0.973606	-1.02711	8.27344	1.17147	0.125861	1
cg00309204	C17orf61	0.0205411	0.792158	1.0399	1.0399	0.306743	0.854898	-1.16973	0.0107693	1.60751	1.60751	0.838182	1.03076	1.03076	0.897109	0.981014	-1.01935	0.00194074	1.91477	1.91477	0.024454	1.48762	1.48762	0.0458275	1.40377	1.40377	0.94269	0.989404	-1.01071	4.66202	1.62081	0.309033	1
cg11104712	C17orf61	0.0342996	0.0206428	0.412403	-2.42481	0.788156	0.917976	-1.08935	0.929826	0.972399	-1.02838	0.0116295	2.72442	2.72442	0.139147	0.603002	-1.65837	0.790676	1.08821	1.08821	0.0208805	0.413351	-2.41925	0.100427	0.564462	-1.7716	0.367228	0.745023	-1.34224	3.89549	6.23006	1.4216	1
cg03828522	C17orf62;C17orf62;C17orf62	0.00114671	0.319778	1.46348	1.46348	0.334108	1.44628	1.44628	0.00111671	0.168947	-5.91902	0.165972	0.578571	-1.7284	1.00E-04	0.0775957	-12.8873	0.00328684	0.226811	-4.40895	0.0180575	0.345133	-2.89743	0.186958	0.59564	-1.67887	0.00382495	0.235907	-4.23895	11.3175	24.5923	1.93152	1
cg27215100	C17orf62;C17orf62;C17orf62	0.0013573	0.704828	0.892341	-1.12065	0.307412	1.37194	1.37194	0.781726	1.08668	1.08668	0.171426	0.646748	-1.5462	0.000341641	0.177941	-5.61983	0.231308	0.686749	-1.45614	0.00107242	4.24687	4.24687	0.0390194	2.04428	2.04428	0.00348142	0.305219	-3.27634	10.7849	15.3011	1.26111	1
cg09419005	C17orf62;C17orf62;C17orf62	0.00354354	0.752009	0.939888	-1.06396	0.00678875	0.503568	-1.98583	0.838673	1.04067	1.04067	0.898793	1.0252	1.0252	0.000150464	0.28008	-3.5704	0.157949	0.744359	-1.34344	0.434644	0.855651	-1.1687	0.516857	1.13715	1.13715	0.00243706	0.438235	-2.28188	8.14361	4.93264	0.538406	1
cg04260587	C17orf62;C17orf62;C17orf62	0.00411726	0.667525	0.880715	-1.13544	0.159206	1.55617	1.55617	0.204843	1.48177	1.48177	0.00087084	0.230352	-4.34117	0.00156168	0.262857	-3.80435	0.787917	0.923802	-1.08248	0.0443864	1.97133	1.97133	0.136909	1.60154	1.60154	0.21802	1.46357	1.46357	7.78435	10.652	1.21635	1
cg09741893	C17orf62;C17orf62;C17orf62	0.00528953	0.744696	1.13926	1.13926	0.108309	2.01174	2.01174	0.210537	1.69288	1.69288	0.261753	1.59511	1.59511	0.188018	1.74477	1.74477	0.000291992	0.0947991	-10.5486	0.00808994	0.258414	-3.86976	0.597152	1.23715	1.23715	0.397365	0.707671	-1.41309	7.21335	18.1878	2.24126	1
cg27381584	C17orf62;C17orf62;C17orf62	0.00573402	0.576887	1.16893	1.16893	0.0512282	1.84924	1.84924	0.0708345	1.74887	1.74887	0.15075	1.53184	1.53184	0.000546981	0.22602	-4.42438	0.0163856	0.443769	-2.25342	0.543841	0.843544	-1.18547	0.226938	1.42091	1.42091	0.115528	0.622637	-1.60607	7.03683	8.54669	1.07961	1
cg08040471	C17orf62;C17orf62;C17orf62	0.00995211	0.445485	0.824977	-1.21215	0.146908	0.680376	-1.46977	0.951325	1.01522	1.01522	0.218764	0.726162	-1.3771	0.00085859	0.289856	-3.44999	0.0271034	0.523502	-1.91021	0.051577	1.73004	1.73004	0.662631	1.11472	1.11472	0.00871902	0.437465	-2.28589	5.9197	5.73757	0.86154	1
cg24124043	C17orf62;C17orf62;C17orf62	0.0307815	0.538448	0.706615	-1.4152	0.00789401	0.149577	-6.6855	0.063292	0.312081	-3.2043	0.717517	1.22454	1.22454	0.00476556	0.123762	-8.08	0.213116	0.48141	-2.07723	0.0118753	0.173607	-5.76012	0.973029	0.981327	-1.01903	0.22027	0.487442	-2.05152	4.04962	19.9377	4.37631	1
cg00602891	C17orf62;C17orf62;C17orf62	0.0491346	0.197104	0.794904	-1.25801	0.966004	1.0072	1.0072	0.413547	1.15109	1.15109	0.655809	1.07844	1.07844	0.717607	1.06304	1.06304	0.00411546	0.52319	-1.91135	0.0160746	0.609019	-1.64198	0.730494	1.05993	1.05993	0.349219	1.17611	1.17611	3.41067	1.53058	0.3989	1
cg21437722	C17orf63;C17orf63	0.00557086	0.000388376	2.92353	2.92353	0.53472	0.887615	-1.12661	0.59271	1.10781	1.10781	0.868438	1.03193	1.03193	0.106734	1.39647	1.39647	0.050049	1.52759	1.52759	0.0128932	0.556872	-1.79575	0.0180929	1.7235	1.7235	0.738407	0.938424	-1.06562	7.09959	4.04285	0.506177	1
cg19789473	C17orf63;C17orf63	0.0137682	0.708874	1.07372	1.07372	0.0126033	1.80087	1.80087	0.0141347	1.77586	1.77586	0.459012	0.866768	-1.15371	0.00278094	0.457461	-2.18598	0.446545	0.863177	-1.15851	0.354238	1.19811	1.19811	0.356122	0.835271	-1.19722	0.222914	0.784367	-1.27491	5.32903	3.03534	0.506298	1
cg00666915	C17orf63;C17orf63	0.0249078	0.00766534	0.411632	-2.42935	0.166775	1.46491	1.46491	0.931517	0.977985	-1.02251	0.8218	0.943247	-1.06017	0.119971	0.64604	-1.54789	0.0026946	0.341666	-2.92684	0.571759	0.862434	-1.15951	0.618419	1.13889	1.13889	0.267308	1.34892	1.34892	4.36283	4.63506	0.944354	1
cg19865134	C17orf63;C17orf63	0.0494151	0.470593	1.272	1.272	0.0132952	2.73328	2.73328	0.0232047	2.4339	2.4339	0.870901	1.05476	1.05476	0.0331373	0.442008	-2.2624	0.170976	1.61258	1.61258	0.86625	0.946245	-1.05681	0.885576	0.953899	-1.04833	0.294763	0.700349	-1.42786	3.40331	5.79118	1.51256	1
cg10179315	C17orf64	2.04E-05	0.0975052	0.746522	-1.33955	0.461751	1.12801	1.12801	4.38E-07	9.96728	9.96728	0.641599	0.927405	-1.07828	0.0924747	0.74253	-1.34675	0.931224	1.01397	1.01397	0.000149586	0.35093	-2.84957	0.0882156	1.35318	1.35318	0.213915	1.23416	1.23416	33.7034	13.7974	0.36389	1
cg17628249	C17orf64	8.74E-05	0.000379457	0.378849	-2.63958	0.751925	0.947229	-1.05571	3.65E-06	0.156641	-6.38401	0.00275463	0.493526	-2.02624	3.58E-05	0.256061	-3.90532	0.0389274	0.664524	-1.50484	0.265271	0.819978	-1.21954	0.681678	0.931921	-1.07305	0.0227879	0.627585	-1.59341	22.9489	10.6228	0.411458	1
cg06752482	C17orf64	0.0024389	0.000639851	0.307686	-3.25007	0.135417	0.696367	-1.43602	0.00218867	0.380551	-2.62777	0.0180424	0.524166	-1.90779	0.000471711	0.290764	-3.43922	0.0335398	0.572126	-1.74787	0.00187048	0.37083	-2.69665	0.251018	0.763613	-1.30956	0.0941814	0.661146	-1.51253	9.09801	7.286	0.711853	1
cg00443981	C17orf64	0.003091	0.0192055	0.356816	-2.80256	0.0368472	0.41395	-2.41575	0.000206676	0.104312	-9.58664	0.608555	0.828697	-1.20671	0.000752188	0.155789	-6.41894	0.521964	0.789715	-1.26628	0.0316669	0.399983	-2.50011	0.441308	1.33059	1.33059	0.718819	0.876763	-1.14056	8.4825	17.7768	1.86284	1
cg24206872	C17orf64	0.00457246	0.150449	0.713162	-1.40221	0.529013	1.15013	1.15013	0.261503	0.773509	-1.29281	0.000320611	0.27884	-3.58629	0.494484	0.858851	-1.16435	0.00608614	0.455901	-2.19346	0.17002	0.725758	-1.37787	0.871918	1.03602	1.03602	0.00124864	0.35555	-2.81254	7.54106	5.74519	0.677203	1
cg12131208	C17orf64	0.00481764	0.0124303	0.172003	-5.81387	0.0750588	0.32574	-3.06994	0.0040299	0.112389	-8.89766	0.574028	0.72515	-1.37902	0.000911049	0.0604454	-16.5438	0.0451059	0.272302	-3.6724	0.000697594	0.0535957	-18.6582	0.260515	0.514767	-1.94263	0.0363591	0.252424	-3.96159	7.42221	37.635	4.50719	1
cg25910083	C17orf64	0.00921199	0.46294	0.839184	-1.19163	0.00108147	0.322287	-3.10282	0.00649993	0.436042	-2.29336	0.692108	0.910831	-1.0979	0.71063	0.916265	-1.09139	0.317784	1.2742	1.2742	0.0121768	2.08158	2.08158	0.725828	1.08613	1.08613	0.409397	0.820386	-1.21894	6.06735	5.29129	0.775193	1
cg06531671	C17orf64	0.0143645	0.00954882	0.293278	-3.40974	0.133789	0.54645	-1.83	0.164531	0.57453	-1.74055	0.00984427	0.295471	-3.38443	0.00161152	0.184528	-5.41924	0.00599639	0.261294	-3.82711	0.239705	0.631231	-1.58421	0.104919	0.515711	-1.93907	0.890681	0.949907	-1.05273	5.25525	11.6238	1.96608	1
cg04413853	C17orf64	0.0225207	0.0119985	0.185738	-5.38393	0.0839255	0.357947	-2.79371	0.0101085	0.174955	-5.71577	0.408594	0.63506	-1.57466	0.00227462	0.100966	-9.90433	0.0563455	0.313241	-3.19243	0.0399362	0.279258	-3.58092	0.220346	0.500468	-1.99813	0.0476731	0.296254	-3.37548	4.5175	20.6461	4.06245	1
cg21122199	C17orf64	0.0368376	0.0493088	0.35154	-2.84463	0.0893878	0.417827	-2.39333	0.00635898	0.191102	-5.23281	0.616578	0.790398	-1.26518	0.0171422	0.25831	-3.87132	0.228749	0.555132	-1.80137	0.00740584	0.200388	-4.99033	0.137232	0.474332	-2.10823	0.0824895	0.408138	-2.45015	3.79594	13.0519	3.05633	1
cg02172058	C17orf64;C17orf64	0.000976886	0.000885164	0.249652	-4.00558	0.107281	0.612833	-1.63177	6.47E-05	0.129478	-7.72333	0.21899	0.697605	-1.43347	0.000574347	0.226582	-4.41342	0.037494	0.510492	-1.95889	0.00201002	0.296976	-3.36727	0.092953	0.597581	-1.67341	0.0309468	0.493775	-2.02521	11.8448	14.5554	1.09231	1
cg13596910	C17orf65;ASB16	0.000742973	0.974091	0.997099	-1.00291	0.0429831	1.23166	1.23166	0.601669	1.04825	1.04825	0.892772	0.988006	-1.01214	0.673178	0.962756	-1.03868	0.00118429	0.653476	-1.53028	5.18E-05	1.96889	1.96889	0.410426	0.927456	-1.07822	0.00938055	0.744752	-1.34273	12.7953	1.62207	0.112685	1
cg16030510	C17orf66	0.000677247	0.803445	0.948819	-1.05394	0.783769	0.943697	-1.05966	0.138069	0.714334	-1.3999	0.415201	1.19179	1.19179	1.19E-05	0.142212	-7.03176	0.0899958	1.48243	1.48243	0.386342	1.20573	1.20573	0.0584165	0.637305	-1.56911	0.00737203	0.483133	-2.06982	13.1319	9.23068	0.624817	1
cg18738545	C17orf66	0.00111004	0.011778	0.784844	-1.27414	0.0281301	0.818978	-1.22103	4.45E-05	0.551234	-1.81411	0.0041616	0.743942	-1.34419	0.131835	1.13345	1.13345	0.189747	0.898554	-1.1129	0.052613	1.18494	1.18494	0.220879	0.90564	-1.10419	0.415926	0.937972	-1.06613	11.4227	1.07302	0.0834997	1
cg27254338	C17orf66	0.00278302	0.0200397	0.262995	-3.80235	0.0276525	0.289591	-3.45315	0.0235851	0.276164	-3.62104	0.0555818	0.356101	-2.80819	0.000821066	0.090762	-11.0178	0.101319	0.425742	-2.34884	0.000531107	0.0767186	-13.0347	0.00294747	0.143252	-6.9807	0.0021464	0.128509	-7.78155	8.7507	31.3975	3.18933	1
cg10720210	C17orf66	0.00344554	0.00437677	0.236302	-4.23187	0.397302	1.38893	1.38893	0.00254732	0.204539	-4.88903	0.0216937	0.351801	-2.84251	0.000697767	0.140449	-7.12003	0.0182327	0.337451	-2.96339	0.00498131	0.244387	-4.09187	0.0306317	0.381857	-2.61878	0.0294244	0.378241	-2.64382	8.21224	18.6876	2.02273	1
cg15532088	C17orf66	0.00754103	0.0015477	0.283238	-3.5306	0.00796392	0.583302	-1.71438	0.000613251	0.231759	-4.31482	0.0933345	0.599612	-1.66775	0.0334161	0.502207	-1.99121	0.0319976	0.498459	-2.00618	0.0416056	0.521544	-1.91738	0.0138226	0.430391	-2.32347	0.27124	0.728048	-1.37354	6.46295	7.85958	1.08098	1
cg25579860	C17orf66	0.00992457	0.0274818	0.405519	-2.46598	0.0597445	0.479333	-2.08623	0.237637	0.65168	-1.5345	0.695674	0.87278	-1.14576	0.00362984	0.256063	-3.90529	0.013494	0.346972	-2.88208	0.00148707	0.204713	-4.88488	0.488433	1.27586	1.27586	0.0183661	0.371425	-2.69233	5.92494	11.2429	1.68672	1
cg24092442	C17orf66	0.01104	0.0982083	0.512412	-1.95156	0.828649	1.08318	1.08318	0.00305253	0.224062	-4.46306	0.739255	1.13104	1.13104	0.00860831	0.290799	-3.4388	0.0754331	0.482086	-2.07432	0.0201206	0.355755	-2.81093	0.00193712	0.198534	-5.03691	0.177361	0.589484	-1.6964	5.72582	12.3238	1.91318	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20287050	C17orf67	0.00292872	0.00171591	0.148981	-6.71225	0.0728781	0.42692	-2.34236	0.01379	0.273889	-3.65111	0.0333468	0.347166	-2.88047	0.000877923	0.119774	-8.34903	0.014103	0.275572	-3.62882	0.000955885	0.12323	-8.11489	0.73502	0.865438	-1.15548	0.0040458	0.193544	-5.16678	8.61944	24.7066	2.5479	1
cg05514006	C17orf67	0.0153573	0.268496	0.732207	-1.36573	0.00369569	0.346103	-2.88931	0.00298894	0.332402	-3.0084	0.0310245	0.504231	-1.98322	0.0238488	0.482273	-2.07351	0.981086	0.993609	-1.00643	0.186298	1.46072	1.46072	0.170506	0.673855	-1.484	0.174848	0.676876	-1.47738	5.14048	5.95461	1.02967	1
cg21371003	C17orf67	0.0197175	0.12126	0.436092	-2.2931	0.00697383	0.178349	-5.60698	0.00296549	0.133383	-7.49719	0.92671	0.95557	-1.0465	0.00787145	0.185584	-5.38838	0.197688	0.510375	-1.95934	0.0408564	0.311603	-3.20921	0.185583	0.49988	-2.00048	0.0304258	0.284599	-3.51371	4.72734	18.2694	3.43523	1
cg12459718	C17orf68	4.23E-05	0.471277	0.781749	-1.27918	0.000635675	6.61399	6.61399	0.0694981	1.9986	1.9986	0.108342	1.81306	1.81306	0.764546	1.10595	1.10595	0.8545	0.940327	-1.06346	0.634699	1.17419	1.17419	5.76E-07	251.185	251.185	0.183468	0.620467	-1.61169	37.4559	65.2182	1.35427	1
cg06382303	C17orf68	5.57E-05	0.00107617	0.336282	-2.9737	0.947678	0.986215	-1.01398	0.00494411	0.438592	-2.28002	?	?	?	0.0177899	0.533217	-1.87541	0.248384	1.29299	1.29299	0.0121715	1.98316	1.98316	2.74E-06	16.0324	16.0324	0.449658	0.849245	-1.17752	35.3137	21.7723	0.539472	1
cg16597406	C17orf68	0.000517673	0.201496	0.634425	-1.57623	0.0526132	2.10292	2.10292	0.955687	1.01892	1.01892	0.216786	1.55027	1.55027	0.607289	0.839555	-1.19111	0.708771	1.13493	1.13493	0.848685	1.06656	1.06656	5.55E-06	31.8391	31.8391	0.33014	0.712475	-1.40356	14.1534	25.5103	1.60215	1
cg06763806	C17orf68	0.0345618	0.579314	0.890828	-1.12255	0.0172132	0.549263	-1.82062	0.0136951	0.532945	-1.87637	0.451153	0.853433	-1.17174	0.00282046	0.427733	-2.3379	0.718039	1.07773	1.07773	0.562246	1.12858	1.12858	0.800117	0.948972	-1.05377	0.289581	0.796981	-1.25473	3.88479	2.62205	0.599958	1
cg09361941	C17orf68;C17orf44	0.0146157	0.297834	0.772175	-1.29504	0.546646	0.864037	-1.15736	0.476503	1.18937	1.18937	0.388664	0.809249	-1.23571	0.000302033	0.244767	-4.08552	0.677629	0.904704	-1.10533	0.0896834	1.56549	1.56549	0.852521	0.956396	-1.04559	0.164921	0.701244	-1.42604	5.2253	4.74948	0.807945	1
cg07847788	C17orf68;C17orf44	0.0478414	0.077145	0.320639	-3.11877	0.0814918	3.05751	3.05751	0.839473	1.12456	1.12456	0.482366	1.51173	1.51173	0.00561531	0.121931	-8.20136	0.531382	1.44333	1.44333	0.112497	0.36787	-2.71835	0.449859	1.56153	1.56153	0.183056	0.44145	-2.26526	3.44528	18.2791	4.71604	1
cg04194664	C17orf69;C17orf69	0.00235205	0.00746811	0.427296	-2.3403	0.00210973	0.343965	-2.90727	0.00116896	0.3084	-3.24254	0.104692	1.54924	1.54924	0.174076	0.699811	-1.42896	0.00846421	0.436128	-2.29291	0.00130416	0.314839	-3.17623	0.678679	1.10831	1.10831	0.0449372	0.566602	-1.76491	9.19543	8.87457	0.857872	1
cg10159607	C17orf69;C17orf69	0.0120575	0.603787	1.08182	1.08182	0.330575	0.860011	-1.16278	0.926061	1.01404	1.01404	0.00167461	0.509159	-1.96402	0.0282121	0.677575	-1.47585	0.396014	1.13948	1.13948	0.00251462	0.532427	-1.87819	0.349371	1.1557	1.1557	0.203953	0.817587	-1.22311	5.56486	1.98874	0.317666	1
cg01882395	C17orf69;C17orf69	0.0130167	0.00218632	0.429139	-2.33025	0.585573	0.897276	-1.11448	0.76437	0.942538	-1.06097	0.217483	0.774591	-1.291	0.0397169	0.626158	-1.59704	0.0671152	0.667657	-1.49777	0.616055	0.905261	-1.10465	0.0100959	1.8946	1.8946	0.0308606	0.607092	-1.6472	5.42787	3.3316	0.545596	1
cg06748584	C17orf70	0.00441054	0.0381607	0.739797	-1.35172	0.114278	0.806176	-1.24042	0.746018	0.960058	-1.0416	0.00133083	0.556962	-1.79546	0.0742972	0.779246	-1.28329	0.596719	1.06927	1.06927	0.000365698	0.488675	-2.04635	0.0213714	0.706908	-1.41461	0.0101511	0.665866	-1.5018	7.624	1.89945	0.221459	1
cg06791100	C17orf70;C17orf70	0.000172495	0.00050879	0.286091	-3.49539	2.50E-05	0.145141	-6.88987	0.28824	0.775619	-1.28929	0.00121491	0.335735	-2.97854	0.000241575	0.246697	-4.05355	0.0190672	0.519984	-1.92314	0.000103101	0.205252	-4.87206	0.0817981	0.641163	-1.55967	0.000682922	0.302447	-3.30637	19.1219	16.0855	0.747737	1
cg19935128	C17orf70;C17orf70	0.00095003	0.0130693	0.565722	-1.76765	0.00218348	0.451437	-2.21515	0.00623076	0.516981	-1.93431	0.0365146	1.56784	1.56784	0.000129672	0.29221	-3.4222	0.00399508	0.488749	-2.04604	0.00352421	0.480907	-2.07941	0.886506	1.02678	1.02678	0.336224	0.832372	-1.20139	11.9387	6.47376	0.482001	1
cg08853103	C17orf70;C17orf70	0.00112577	0.773762	0.939178	-1.06476	0.000140759	0.23917	-4.18112	9.22E-05	0.218707	-4.57232	0.870113	0.964999	-1.03627	0.0444622	0.605027	-1.65282	0.485732	0.857083	-1.16675	0.737494	0.929379	-1.07599	0.307193	0.794419	-1.25878	0.00388767	0.428923	-2.33142	11.377	8.54103	0.667312	1
cg12959737	C17orf70;C17orf70	0.00179911	0.000872191	0.723647	-1.38189	0.00681211	1.25493	1.25493	0.0172326	1.20678	1.20678	0.0480584	0.863839	-1.15762	0.584058	1.03646	1.03646	0.00270062	1.30798	1.30798	0.0336402	0.851522	-1.17437	0.411405	0.947048	-1.05591	0.425644	1.05411	1.05411	9.94322	0.660741	0.0590679	1
cg24655899	C17orf70;C17orf70	0.00370271	0.536178	1.11982	1.11982	0.959038	1.00932	1.00932	0.206045	1.2725	1.2725	0.645907	0.919818	-1.08717	0.111123	0.730843	-1.36828	0.000682729	0.391617	-2.55352	0.370483	0.846924	-1.18074	0.245992	1.24508	1.24508	0.000717641	2.53504	2.53504	8.03703	4.15452	0.459487	1
cg24883605	C17orf70;C17orf70	0.0051125	0.838127	1.02662	1.02662	0.0111562	0.664594	-1.50468	0.00207795	0.57308	-1.74496	0.569439	1.07664	1.07664	0.38069	0.890924	-1.12243	0.020259	1.43268	1.43268	0.0125776	1.48975	1.48975	0.889624	0.982322	-1.018	0.0139167	0.676887	-1.47735	7.28888	1.90457	0.232265	1
cg22839108	C17orf70;C17orf70	0.0097727	0.207361	0.744105	-1.3439	0.00839747	0.4731	-2.11372	0.148857	0.708809	-1.41082	0.909802	1.02551	1.02551	0.000778914	0.323025	-3.09573	0.00225166	0.386534	-2.5871	0.133949	0.698158	-1.43234	0.103717	0.673316	-1.48519	0.064867	0.630716	-1.5855	5.95421	4.66022	0.695714	1
cg14821507	C17orf70;C17orf70	0.0169967	0.0313812	0.571241	-1.75057	0.517495	0.864562	-1.15665	0.645928	0.90249	-1.10805	0.918274	1.02302	1.02302	0.700828	0.917943	-1.08939	0.00076598	0.322915	-3.09679	0.0380571	1.70456	1.70456	0.999291	1.0002	1.0002	0.404595	1.2082	1.2082	4.96981	3.87171	0.692485	1
cg01930679	C17orf70;C17orf70	0.0284812	0.6858	0.914378	-1.09364	0.0413526	1.67841	1.67841	0.357784	1.23137	1.23137	0.998549	1.0004	1.0004	0.00290731	0.406315	-2.46115	0.0518061	0.614439	-1.6275	0.0987687	1.48941	1.48941	0.632707	1.11179	1.11179	0.955518	0.987799	-1.01235	4.1627	3.19325	0.681876	1
cg02116447	C17orf70;C17orf70	0.0363017	0.604437	1.07947	1.07947	0.0118961	1.58308	1.58308	0.99862	1.00025	1.00025	0.747737	0.953878	-1.04835	0.00981203	0.62021	-1.61236	0.176158	1.23422	1.23422	0.608693	0.927228	-1.07848	0.146228	0.795938	-1.25638	0.0815665	0.753922	-1.3264	3.81624	1.29415	0.301437	1
cg05354521	C17orf70;C17orf70;C17orf70	0.00740106	0.466582	0.884338	-1.13079	0.506265	1.11838	1.11838	0.0544587	1.43622	1.43622	0.467782	0.884641	-1.1304	0.107516	0.747202	-1.33833	0.0164367	0.614829	-1.62647	0.00107549	2.22838	2.22838	0.0157015	1.63436	1.63436	0.614018	0.919088	-1.08803	6.50098	2.83401	0.387498	1
cg06699063	C17orf70;C17orf70;C17orf70	0.0330374	0.044089	1.28516	1.28516	0.156157	1.17885	1.17885	0.0402232	1.29313	1.29313	0.309265	1.12089	1.12089	0.410041	0.912676	-1.09568	0.606188	1.05802	1.05802	0.00430174	0.66095	-1.51297	0.589879	0.942689	-1.0608	0.75522	0.96665	-1.0345	3.94845	0.735603	0.165602	1
cg23765170	C17orf71	3.70E-05	1.74E-05	0.361244	-2.76821	0.855306	1.02136	1.02136	0.0100125	0.686323	-1.45704	0.24309	0.868132	-1.1519	0.163576	0.841873	-1.18783	0.0357074	1.32706	1.32706	0.0108514	1.44822	1.44822	5.04E-06	3.33011	3.33011	0.068359	1.26648	1.26648	28.8241	6.1184	0.188682	1
cg01940943	C17orf71	0.00860269	0.885216	1.04735	1.04735	0.00029065	6.63537	6.63537	0.0849762	1.84048	1.84048	0.662773	1.15089	1.15089	0.363256	0.741368	-1.34886	0.591467	1.18949	1.18949	0.240417	1.48238	1.48238	0.00373643	3.50452	3.50452	0.98811	0.995239	-1.00478	6.20043	10.0729	1.44404	1
cg10421011	C17orf71	0.0262333	0.546635	1.15971	1.15971	0.00576012	0.415247	-2.40821	0.169936	0.701137	-1.42626	0.881799	0.964507	-1.0368	0.826011	1.05493	1.05493	0.00475984	0.40236	-2.48534	0.637225	1.12229	1.12229	0.290519	0.766108	-1.3053	0.0140722	0.478922	-2.08802	4.28468	4.00331	0.830518	1
cg23265439	C17orf72	0.00020259	0.00053743	0.323038	-3.09561	0.111643	0.695172	-1.43849	9.58E-05	0.232917	-4.29337	0.840527	0.958602	-1.04319	6.26E-05	0.212795	-4.69937	0.000120298	0.244044	-4.09763	0.488692	1.15906	1.15906	0.0231649	0.565698	-1.76773	0.00222421	0.40691	-2.45755	18.3072	12.7684	0.61996	1
cg14595275	C17orf72	0.00158959	0.428221	1.07619	1.07619	0.0100157	1.34332	1.34332	0.406571	1.08013	1.08013	0.0494204	1.22576	1.22576	0.0265928	1.26946	1.26946	0.0479827	1.2278	1.2278	0.000139359	0.550255	-1.81734	0.031568	0.795438	-1.25717	0.479206	1.06748	1.06748	10.3058	1.34518	0.116023	1
cg14459710	C17orf72	0.00227561	0.321379	0.840921	-1.18917	0.14239	0.765913	-1.30563	0.15173	1.29658	1.29658	0.314997	0.838859	-1.1921	0.347402	0.849062	-1.17777	0.000216982	2.83883	2.83883	0.00531692	1.86102	1.86102	0.0251325	0.63734	-1.56902	0.0295635	1.54229	1.54229	9.28496	4.20576	0.402635	1
cg15298286	C17orf72	0.013654	0.49203	0.818692	-1.22146	0.0279684	0.475037	-2.1051	0.00816127	0.378873	-2.6394	0.443769	0.799452	-1.25086	0.0128632	0.412517	-2.42414	0.0872497	1.71819	1.71819	0.274434	0.721811	-1.3854	0.0023311	0.29566	-3.38227	0.922831	0.972607	-1.02816	5.34362	6.95484	1.15691	1
cg06729284	C17orf72	0.0324149	0.416721	0.807537	-1.23833	0.00281226	2.88655	2.88655	0.00685022	2.4644	2.4644	0.360677	0.785039	-1.27382	0.765011	0.9257	-1.08026	0.236606	1.37627	1.37627	0.628875	0.882117	-1.13364	0.88393	1.03834	1.03834	0.574871	1.15714	1.15714	3.97549	4.17651	0.933834	1
cg03554335	C17orf72	0.0353175	0.171926	1.58325	1.58325	0.110013	2.74005	2.74005	0.359066	0.742317	-1.34713	0.608695	1.17722	1.17722	0.496661	0.804064	-1.24368	0.00721797	2.99078	2.99078	0.0323945	2.20668	2.20668	0.301288	0.712903	-1.40272	0.387698	1.32281	1.32281	3.85451	6.09506	1.40558	1
cg07443932	C17orf73	5.94E-05	0.00704292	0.754895	-1.32469	0.00241393	1.40645	1.40645	1.31E-05	0.478104	-2.0916	0.00440774	1.35909	1.35909	3.72E-05	0.527331	-1.89634	0.770015	0.976615	-1.02394	0.0105487	0.771288	-1.29653	0.0117976	0.775823	-1.28895	0.0112699	0.773968	-1.29204	25.43	2.62405	0.0917219	1
cg01278654	C17orf73	0.000393013	0.000563059	0.348132	-2.87248	0.129954	0.724088	-1.38105	0.134619	0.727331	-1.37489	0.0660198	0.66562	-1.50236	2.91E-05	0.198125	-5.04733	0.000877891	0.373612	-2.67657	0.000141996	0.273837	-3.65181	0.151579	0.73842	-1.35424	0.285624	0.80342	-1.24468	15.2742	9.42326	0.54839	1
cg12235260	C17orf73	0.000705326	0.00763919	0.608402	-1.64365	0.000310408	0.428346	-2.33456	0.000637268	0.467671	-2.13826	0.139668	0.794294	-1.25898	5.21E-05	0.334109	-2.99303	0.397013	0.881908	-1.13391	0.00977573	0.622891	-1.60542	0.105248	0.773775	-1.29237	0.00861184	0.615428	-1.62489	12.9833	4.31729	0.295578	1
cg03016571	C17orf73	0.000950818	0.00332358	0.67231	-1.48741	0.66588	0.95777	-1.04409	0.012029	0.732657	-1.3649	0.0130448	0.736472	-1.35782	0.0105898	0.726666	-1.37615	0.567455	0.944214	-1.05908	0.00101869	1.62232	1.62232	0.00871671	0.717529	-1.39367	0.00058635	0.589975	-1.69499	11.9359	1.86469	0.138867	1
cg25518968	C17orf73	0.00251394	0.0113771	0.253811	-3.93994	0.0875808	0.442133	-2.26176	0.00126884	0.13065	-7.65405	0.607295	0.799031	-1.25152	0.000673375	0.105335	-9.49352	0.002812	0.16841	-5.93788	0.00125335	0.130121	-7.68516	0.0875056	0.44203	-2.26229	0.00807496	0.230315	-4.34188	9.01727	26.7498	2.63689	1
cg19241878	C17orf73	0.0235468	0.0658822	0.324945	-3.07744	0.0652481	0.323881	-3.08755	0.00508838	0.133066	-7.51509	0.0702656	0.332126	-3.01091	0.00530787	0.135166	-7.39831	0.0325446	0.25592	-3.90747	0.00903952	0.164057	-6.09544	0.220834	0.496038	-2.01598	0.137403	0.418317	-2.39053	4.44864	20.9058	4.17721	1
cg25627098	C17orf74	0.000314725	0.000241171	0.236238	-4.23302	0.000188229	0.223943	-4.46542	0.00285664	0.377175	-2.65129	0.284741	0.768013	-1.30206	0.000754114	0.297119	-3.36565	0.000491506	0.273432	-3.65721	0.216721	1.36174	1.36174	0.00146027	0.335628	-2.97949	0.00108183	0.317855	-3.14609	16.2357	14.509	0.794353	1
cg14496199	C17orf74	0.000845586	0.275095	1.24039	1.24039	0.0172909	0.576888	-1.73344	0.0739687	0.685355	-1.4591	0.139985	1.35156	1.35156	7.68E-05	0.256852	-3.89329	0.0348251	1.59468	1.59468	0.00169359	2.34178	2.34178	0.827539	0.959452	-1.04226	0.371319	0.840169	-1.19024	12.338	7.03326	0.506711	1
cg04374959	C17orf74	0.00128994	0.00283963	0.305143	-3.27715	0.000531355	0.210515	-4.75025	0.00099126	0.2433	-4.11016	0.844991	1.05817	1.05817	0.000764708	0.229316	-4.36079	0.91796	0.970676	-1.03021	0.460419	0.804855	-1.24246	0.134562	0.627471	-1.5937	0.00105214	0.246581	-4.05547	10.9434	14.4628	1.17476	1
cg02173388	C17orf74	0.00742258	0.000848082	0.257256	-3.88718	0.863717	1.0476	1.0476	0.0792613	0.590147	-1.69449	0.991453	0.997105	-1.0029	0.00246696	0.319962	-3.12537	0.0330606	0.509354	-1.96327	0.303391	1.3345	1.3345	0.221356	0.706121	-1.41619	0.0134264	0.436635	-2.29024	6.49508	7.53738	1.03153	1
cg08568447	C17orf74	0.00962393	0.820271	0.948548	-1.05424	0.403074	1.21972	1.21972	0.00238601	0.374267	-2.67189	0.736992	0.924742	-1.08138	0.154227	0.701852	-1.4248	0.00235766	2.67725	2.67725	0.481204	1.1808	1.1808	0.0332137	0.561115	-1.78217	0.529235	0.862468	-1.15946	5.98342	5.10602	0.758543	1
cg13155863	C17orf74	0.0333716	0.187962	0.532647	-1.87742	0.0137403	0.25275	-3.95648	0.667894	0.82295	-1.21514	0.0397287	0.341801	-2.92568	0.0145222	0.256833	-3.89358	0.0623939	0.387927	-2.57781	0.00513643	0.188486	-5.30542	0.313603	0.624677	-1.60083	0.0379792	0.337508	-2.96289	3.93419	12.6998	2.86938	1
cg15785704	C17orf75	0.0029287	0.796402	0.973453	-1.02727	0.00633471	1.44756	1.44756	0.519333	1.07034	1.07034	0.161339	0.855853	-1.16842	0.612966	0.948303	-1.05452	0.813217	0.97567	-1.02494	0.000966196	0.599737	-1.6674	0.709537	0.961813	-1.0397	0.000787321	1.69568	1.69568	8.61945	1.47829	0.15245	1
cg26216891	C17orf75	0.0113474	0.296951	0.867275	-1.15304	0.615375	1.06898	1.06898	0.000658383	1.98815	1.98815	0.351218	0.881311	-1.13467	0.205476	0.838703	-1.19232	0.0262344	0.706655	-1.41512	0.905195	1.01581	1.01581	0.388689	1.12337	1.12337	0.0595116	1.32324	1.32324	5.6753	1.55871	0.244131	1
cg05084974	C17orf75	0.0138638	0.407632	0.675926	-1.47945	0.00107135	0.10703	-9.34321	0.010762	0.227253	-4.40037	0.679601	1.21172	1.21172	0.0717439	0.394681	-2.53369	0.0697237	0.391445	-2.55464	0.00652412	0.195061	-5.12659	0.26174	0.582073	-1.718	0.0520737	0.359933	-2.7783	5.31693	18.0053	3.01014	1
cg19602315	C17orf75	0.0156082	0.0500418	0.592529	-1.68768	0.70004	1.09491	1.09491	0.117764	1.48862	1.48862	0.89775	1.03057	1.03057	0.00183303	0.354612	-2.81999	0.108074	0.663233	-1.50777	0.0379831	0.569233	-1.75675	0.00973668	0.464973	-2.15066	0.556754	0.870049	-1.14936	5.11293	4.44199	0.772245	1
cg17055821	C17orf75	0.0375711	0.190366	0.63053	-1.58597	0.307844	1.42054	1.42054	0.809818	1.08348	1.08348	0.196502	1.57485	1.57485	0.00800796	0.322997	-3.096	0.00929912	0.333749	-2.99627	0.104662	0.554427	-1.80366	0.692877	1.14112	1.14112	0.6482	1.16506	1.16506	3.76874	6.60147	1.55701	1
cg00691078	C17orf75;C17orf75	0.00273996	0.59157	0.880232	-1.13606	0.97792	0.993503	-1.00654	0.738937	1.08196	1.08196	0.040486	0.572764	-1.74592	0.00446163	0.409315	-2.44311	0.450161	0.834244	-1.19869	0.221207	1.35374	1.35374	0.00040699	3.75509	3.75509	0.00547882	2.36369	2.36369	8.79115	7.72338	0.780926	1
cg03363653	C17orf76;C17orf76	0.004476	0.0116441	0.496499	-2.0141	0.027065	0.559257	-1.78809	0.014262	0.511115	-1.95651	0.00951902	0.482241	-2.07365	0.00577011	0.447877	-2.23276	0.17254	0.724424	-1.38041	0.000327094	0.275509	-3.62965	0.00474429	0.434823	-2.29978	0.178513	0.728041	-1.37355	7.59002	5.92722	0.694153	1
cg11624993	C17orf76;C17orf76	0.00916789	0.0793673	0.61066	-1.63757	0.0778467	0.608793	-1.64259	0.48478	0.835436	-1.19698	0.00310485	0.358941	-2.78597	0.000492287	0.251031	-3.98358	0.135009	0.664936	-1.5039	0.908708	0.971367	-1.02948	0.827445	0.946213	-1.05684	0.0122314	0.453611	-2.20453	6.07661	6.17288	0.902972	1
cg02712165	C17orf76;C17orf76	0.0112465	0.070269	2.04671	2.04671	0.0744727	2.02062	2.02062	0.193472	1.62751	1.62751	0.0596227	2.12215	2.12215	0.279037	1.4894	1.4894	0.049647	2.20932	2.20932	0.000381634	7.44752	7.44752	0.00450993	3.81847	3.81847	0.0943299	1.91742	1.91742	5.6917	11.294	1.76382	1
cg26744387	C17orf76;C17orf76	0.0134645	0.114026	0.666912	-1.49945	0.0722774	0.62335	-1.60424	0.0876355	0.641304	-1.55932	0.22199	0.739013	-1.35316	0.0334143	0.556732	-1.79619	0.412168	0.82072	-1.21844	0.000260124	0.24283	-4.1181	0.0313181	0.55146	-1.81337	0.261712	0.758983	-1.31755	5.36814	4.72034	0.781622	1
cg07604700	C17orf76;C17orf76	0.0170437	0.255886	0.75102	-1.33152	0.0140437	2.07935	2.07935	0.0139101	2.08243	2.08243	0.0571341	1.68131	1.68131	0.0125698	0.472709	-2.11547	0.611191	1.13175	1.13175	0.098443	1.54882	1.54882	0.0689563	1.63448	1.63448	0.77538	1.07151	1.07151	4.96522	4.58295	0.820454	1
cg18017908	C17orf76;C17orf76	0.0282265	0.00822	0.394487	-2.53494	0.385918	0.78306	-1.27704	0.993411	1.00227	1.00227	0.109365	0.618605	-1.61654	0.00215504	0.305694	-3.27125	0.403713	1.26501	1.26501	0.117221	0.626152	-1.59706	0.0555689	0.550527	-1.81644	0.304704	0.746444	-1.33968	4.17591	5.00615	1.06561	1
cg23662734	C17orf76;C17orf76	0.0328735	0.0154505	0.530373	-1.88547	0.0330301	0.587404	-1.7024	0.228428	0.763531	-1.30971	0.259451	0.777953	-1.28542	0.00142232	0.373366	-2.67834	0.900914	0.973765	-1.02694	0.820482	0.952646	-1.04971	0.189828	0.743499	-1.34499	0.113691	0.692575	-1.44389	3.9555	2.85378	0.641308	1
cg12311094	C17orf77;C17orf77;CD300LD	7.37E-05	0.000311169	0.349596	-2.86045	0.00173002	0.447952	-2.23238	0.000774609	0.400844	-2.49473	0.00219412	0.462232	-2.16342	0.000309786	0.349351	-2.86245	0.00177014	0.449323	-2.22557	4.31E-05	0.247613	-4.03856	5.48E-06	0.157853	-6.33501	0.0129378	0.574444	-1.74081	24.018	12.2816	0.454533	1
cg21828432	C17orf77;CD300LD	7.29E-05	0.000345271	0.304455	-3.28455	0.0306348	0.591863	-1.68958	6.09E-05	0.216824	-4.61203	0.000640179	0.338789	-2.95169	0.10905	0.697058	-1.4346	0.00785168	0.494377	-2.02275	4.07E-05	0.19846	-5.0388	7.48E-06	0.130573	-7.65854	0.00594624	0.475769	-2.10186	24.084	16.2671	0.600383	1
cg12315032	C17orf77;CD300LD	0.000623829	0.615412	0.894717	-1.11767	0.0570684	0.623223	-1.60456	0.000298079	0.27448	-3.64325	4.58E-05	0.184205	-5.42873	0.131945	0.69969	-1.4292	0.177318	0.729856	-1.37013	0.00246969	0.396758	-2.52043	0.000867337	0.333641	-2.99724	0.741396	1.07544	1.07544	13.437	10.2655	0.679087	1
cg06794038	C17orf77;CD300LD	0.00165646	0.597806	1.21701	1.21701	0.507994	0.780557	-1.28114	0.0305833	0.39168	-2.5531	0.0416512	0.420469	-2.3783	0.000293637	0.11344	-8.8152	0.00989261	0.300487	-3.32793	0.000706128	0.148931	-6.71452	0.000570698	0.13971	-7.1577	0.106731	0.522198	-1.91498	10.1839	21.9505	1.91592	1
cg16010911	C17orf77;CD300LD	0.00869509	0.0386976	0.367084	-2.72417	0.00743057	0.236177	-4.23411	0.00822841	0.242954	-4.11601	0.204657	0.571077	-1.75108	0.00544536	0.216418	-4.6207	0.0185068	0.302507	-3.3057	0.0013583	0.142742	-7.00563	0.0221316	0.317159	-3.15299	0.0443565	0.380347	-2.62918	6.17951	17.1474	2.46656	1
cg21293117	C17orf77;CD300LD	0.0106642	0.00963545	0.28075	-3.56189	0.126903	0.527246	-1.89665	0.0056262	0.24437	-4.09216	0.174109	0.570888	-1.75166	0.00426723	0.227102	-4.4033	0.0249289	0.35535	-2.81413	0.00302881	0.206942	-4.83228	0.0192121	0.333444	-2.999	0.0319651	0.377426	-2.64952	5.79	13.784	2.11613	1
cg21937460	C17orf79	0.00105547	0.0268507	0.574273	-1.74133	0.000535017	0.319884	-3.12613	0.347558	1.22702	1.22702	0.114798	1.43728	1.43728	0.0027352	0.416935	-2.39846	0.0142856	1.89482	1.89482	0.00184123	0.39234	-2.54881	0.00415505	0.44368	-2.25388	0.131014	0.708288	-1.41185	11.5876	8.21147	0.629903	1
cg04257695	C17orf79	0.00464267	0.00872708	0.515544	-1.9397	0.511633	0.876354	-1.14109	0.190363	1.31649	1.31649	0.924271	0.981325	-1.01903	0.753747	0.939509	-1.06439	0.124404	0.719014	-1.39079	8.96E-05	0.249091	-4.0146	0.398645	0.842534	-1.1869	0.294734	0.806164	-1.24044	7.50623	4.67377	0.553468	1
cg10374887	C17orf79	0.00544262	0.00628033	0.444602	-2.2492	0.115146	0.67705	-1.477	0.0181255	0.520297	-1.92198	0.867273	1.03882	1.03882	0.113224	0.675402	-1.4806	0.00565711	0.437524	-2.28559	0.00129768	0.344117	-2.90599	0.533883	1.15424	1.15424	0.00234564	0.380311	-2.62943	7.15053	5.87041	0.729756	1
cg25221637	C17orf79	0.00658575	0.490465	0.845692	-1.18246	0.000220085	4.36314	4.36314	0.00485406	2.44409	2.44409	0.0362388	1.79079	1.79079	0.64757	1.11643	1.11643	0.985283	0.995596	-1.00442	0.675477	0.904164	-1.10599	0.203007	1.37927	1.37927	0.125187	1.48754	1.48754	6.74189	6.11339	0.806024	1
cg26284483	C17orf79	0.0228039	0.0401143	0.515551	-1.93967	0.690206	0.894127	-1.11841	0.422933	0.795625	-1.25687	0.263063	0.721867	-1.3853	0.00855026	0.391761	-2.55258	0.0854414	0.587972	-1.70076	0.00497448	0.353966	-2.82513	0.0676588	0.564513	-1.77144	0.00399235	0.339309	-2.94716	4.49811	5.55825	1.09839	1
cg22454227	C17orf79	0.0335347	0.074271	2.57291	2.57291	0.0972294	0.421134	-2.37454	0.0875715	0.408174	-2.44994	0.144815	2.10454	2.10454	0.124797	0.45405	-2.2024	0.447032	1.44519	1.44519	?	?	?	0.537896	0.74352	-1.34495	0.00814745	0.200044	-4.99891	3.99171	12.6871	3.17837	1
cg08870588	C17orf80;C17orf80;C17orf80	0.00255976	0.00514964	0.341156	-2.93121	0.27022	0.715928	-1.39679	0.336883	0.749601	-1.33404	0.468036	1.23977	1.23977	0.000594196	0.213663	-4.68026	0.000817694	0.230293	-4.3423	0.00189427	0.27764	-3.60178	0.668588	0.882184	-1.13355	0.016801	0.427693	-2.33813	8.96943	12.0364	1.19284	1
cg08385173	C17orf80;C17orf80;CPSF4L	0.000672463	0.784394	0.936256	-1.06808	0.000480888	0.26836	-3.72634	0.000760153	0.293607	-3.40592	0.008621	0.44734	-2.23544	0.000472103	0.267367	-3.74017	0.0811163	1.59113	1.59113	0.000860651	0.300652	-3.32611	0.41307	0.817934	-1.22259	0.00387075	0.392786	-2.54592	13.158	12.0202	0.812027	1
cg06962857	C17orf80;FAM104A;C17orf80;FAM104A;C17orf80;FAM104A;FAM104A	0.000104009	0.784546	1.06913	1.06913	0.050956	0.581405	-1.71997	0.000101148	0.186272	-5.36849	2.10E-06	0.0581488	-17.1973	0.133555	0.673873	-1.48396	0.084852	0.628247	-1.59173	0.934587	0.980176	-1.02022	0.193868	1.39836	1.39836	0.528241	0.855678	-1.16866	21.9089	20.6448	0.837599	1
cg13664146	C17orf80;FAM104A;FAM104A;C17orf80;C17orf80	0.00602861	0.0347889	0.601721	-1.6619	0.990221	1.00253	1.00253	0.0670854	1.52762	1.52762	0.216746	0.764653	-1.30778	0.0155969	0.542167	-1.84445	0.0475368	0.626314	-1.59664	0.000293213	0.295741	-3.38134	0.483415	1.1584	1.1584	0.287356	0.796071	-1.25617	6.92898	4.67726	0.600026	1
cg00750166	C17orf80;FAM104A;FAM104A;C17orf80;C17orf80	0.00783057	0.600098	0.828838	-1.20651	0.573735	1.22351	1.22351	0.245256	1.53928	1.53928	0.00497944	0.267337	-3.7406	0.853582	1.06776	1.06776	0.343593	1.41374	1.41374	0.000342126	0.129193	-7.74037	0.156582	0.584056	-1.71217	0.824067	1.08222	1.08222	6.38699	12.7396	1.77299	1
cg14525064	C17orf81;C17orf81;C17orf81;C17orf81	0.00273128	0.910656	0.956396	-1.04559	0.059767	0.430115	-2.32496	0.0402375	0.390118	-2.56333	0.00266826	0.192111	-5.20533	0.000339597	0.10097	-9.9039	0.300886	1.53075	1.53075	0.0011433	0.149643	-6.68257	0.919252	1.0411	1.0411	0.0412249	0.392459	-2.54804	8.79939	21.9849	2.22085	1
cg24942343	C17orf81;C17orf81;C17orf81;C17orf81;DULLARD;C17orf81;DULLARD	0.0310431	0.304492	0.862559	-1.15934	0.233245	1.18979	1.18979	0.0366622	0.713515	-1.40151	0.502622	1.09921	1.09921	0.616045	1.07283	1.07283	0.107197	1.27696	1.27696	0.00320458	1.74959	1.74959	0.173699	1.22292	1.22292	0.0831442	1.30568	1.30568	4.03743	1.23608	0.272139	1
cg25281481	C17orf81;C17orf81;C17orf81;C17orf81;DULLARD;C17orf81;DULLARD	0.0472961	0.795745	1.04542	1.04542	0.775122	1.05027	1.05027	0.86212	0.970674	-1.03021	0.40651	1.1565	1.1565	0.148535	1.30386	1.30386	0.579697	0.908659	-1.10052	0.00690648	0.549531	-1.81973	0.0210399	1.60834	1.60834	0.09343	1.37154	1.37154	3.46021	1.60666	0.412731	1
cg22122462	C17orf81;C17orf81;C17orf81;C17orf81;DULLARD;C17orf81;DULLARD;C17orf81;C17orf81	0.0220224	0.705627	0.88651	-1.12802	0.0934257	1.7963	1.7963	0.59889	1.18351	1.18351	0.441332	1.28304	1.28304	0.433133	0.775759	-1.28906	0.126861	0.592061	-1.68902	0.000742165	0.196738	-5.08289	0.29187	1.41504	1.41504	0.80753	1.08056	1.08056	4.55235	7.26509	1.41858	1
cg25060468	C17orf81;DULLARD;C17orf81;C17orf81;C17orf81;C17orf81;DULLARD	0.00753114	0.396979	0.867024	-1.15337	0.27733	0.830387	-1.20426	0.0922513	0.737224	-1.35644	0.992581	0.998472	-1.00153	0.430434	1.14156	1.14156	0.126882	0.762143	-1.31209	0.000131326	0.3356	-2.97973	0.285279	1.20031	1.20031	0.58931	1.0938	1.0938	6.46561	2.77138	0.381008	1
cg04803572	C17orf81;DULLARD;C17orf81;C17orf81;C17orf81;DULLARD	1.33E-05	5.66E-06	0.170163	-5.87673	0.0347822	1.53094	1.53094	0.000468363	2.5904	2.5904	0.362901	0.850568	-1.17569	0.00443097	0.518265	-1.92951	0.000524244	0.39237	-2.54862	3.70E-05	3.94749	3.94749	0.000966556	2.34037	2.34037	0.00385529	1.96195	1.96195	37.677	17.876	0.421737	1
cg21287330	C17orf81;DULLARD;C17orf81;C17orf81;C17orf81;DULLARD	0.00389357	0.000842812	0.598806	-1.66999	0.0791171	0.81945	-1.22033	0.333912	0.903212	-1.10716	0.00199445	0.640318	-1.56172	0.0012886	0.619319	-1.61468	0.00427579	0.67679	-1.47756	0.0181793	0.746079	-1.34034	0.708369	0.962347	-1.03913	0.425756	0.920282	-1.08662	7.91653	1.30812	0.146879	1
cg14660024	C17orf81;DULLARD;C17orf81;C17orf81;C17orf81;DULLARD	0.0154308	0.250081	1.1475	1.1475	0.856673	1.02091	1.02091	0.238012	1.15198	1.15198	0.825689	1.02557	1.02557	0.0143161	1.41299	1.41299	0.0198377	1.37981	1.37981	0.000553136	1.84717	1.84717	0.820385	1.02637	1.02637	0.511209	0.926561	-1.07926	5.13235	1.06508	0.184464	1
cg08637547	C17orf81;DULLARD;C17orf81;C17orf81;C17orf81;DULLARD	0.0231661	0.0977817	0.814926	-1.22711	0.0606418	1.26911	1.26911	0.362229	0.899863	-1.11128	0.292777	0.884292	-1.13085	0.00347567	0.639636	-1.56339	0.197415	0.857689	-1.16592	0.00869394	0.686088	-1.45754	0.611859	1.05935	1.05935	0.685684	1.04691	1.04691	4.47374	0.899406	0.178703	1
cg17473382	C17orf82	0.000112407	0.762346	0.956153	-1.04586	2.54E-06	5.37304	5.37304	0.815155	1.03523	1.03523	0.760722	0.955849	-1.04619	0.573747	1.08766	1.08766	0.798898	0.962961	-1.03846	0.000303348	0.419795	-2.38212	0.614068	0.927583	-1.07807	0.749754	1.04845	1.04845	21.458	7.42761	0.307686	1
cg02014797	C17orf82	0.00853621	0.240104	0.813089	-1.22988	0.00027118	2.72997	2.72997	0.132778	1.31371	1.31371	0.890834	0.977164	-1.02337	0.37537	0.858087	-1.16538	0.438546	0.875535	-1.14216	0.0637534	0.704271	-1.41991	0.14124	1.30495	1.30495	0.532918	1.11209	1.11209	6.21566	2.78587	0.398401	1
cg14685095	C17orf82	0.0222116	0.553937	0.690408	-1.44842	0.000844003	22.3309	22.3309	0.449401	0.620663	-1.61118	0.917362	1.06633	1.06633	0.147921	0.382689	-2.61309	0.103366	0.332098	-3.01116	0.958454	0.968279	-1.03276	0.139362	2.67612	2.67612	0.550157	0.687912	-1.45367	4.539	27.5253	5.39038	1
cg13227105	C17orf82	0.027038	0.00398295	0.690518	-1.44819	0.149998	0.862753	-1.15908	0.0590904	1.22615	1.22615	0.042983	0.800284	-1.24956	0.177886	1.14678	1.14678	0.331506	0.908607	-1.10059	0.287048	1.11154	1.11154	0.379519	1.09007	1.09007	0.627647	1.04787	1.04787	4.23957	0.614436	0.128826	1
cg00562243	C17orf82	0.0310199	0.639653	0.918439	-1.0888	0.012553	1.75095	1.75095	0.977299	1.00515	1.00515	0.695348	1.07359	1.07359	0.33211	0.834825	-1.19786	0.0181903	0.596091	-1.6776	0.366126	0.845752	-1.18238	0.69433	0.931218	-1.07386	0.0100847	1.79641	1.79641	4.0385	2.08222	0.458303	1
cg20113619	C17orf82;C17orf82	0.00115717	0.80605	1.05939	1.05939	0.000548123	3.52209	3.52209	0.553655	1.15087	1.15087	0.395298	1.22652	1.22652	0.804761	0.943569	-1.05981	0.715678	1.08958	1.08958	6.00E-05	0.17561	-5.69443	0.458119	0.837618	-1.19386	0.708533	1.09207	1.09207	11.2882	9.83366	0.774351	1
cg16011583	C17orf82;C17orf82	0.00306573	0.0399637	0.682346	-1.46553	0.000134392	2.90056	2.90056	0.464848	0.88714	-1.12722	0.61221	1.08578	1.08578	0.0095303	0.589416	-1.6966	0.727598	0.945259	-1.05791	0.312168	1.18331	1.18331	0.110176	1.32351	1.32351	0.954933	0.990943	-1.00914	8.50323	3.49031	0.364861	1
cg00080125	C17orf82;C17orf82	0.0121657	0.00280366	0.299507	-3.33882	0.0853782	0.573064	-1.74501	0.0124329	0.402235	-2.48611	0.782614	1.08434	1.08434	0.00897742	0.378027	-2.64532	0.0294908	0.472138	-2.11803	0.348068	1.32689	1.32689	0.035155	0.487524	-2.05118	0.0244233	0.4561	-2.1925	5.54873	7.53201	1.2066	1
cg13165240	C17orf85;C17orf85	9.95E-06	0.731361	0.947084	-1.05587	0.0528113	0.706635	-1.41516	0.000777022	0.448327	-2.23051	0.000899067	0.456581	-2.19019	5.78E-06	0.199994	-5.00016	0.000612263	0.434926	-2.29924	4.59E-07	0.106196	-9.41651	0.00640559	0.571461	-1.7499	2.47E-05	0.266184	-3.7568	40.6199	16.0109	0.350367	1
cg00682090	C17orf85;C17orf85	3.63E-05	0.0187173	0.653364	-1.53054	0.00546063	0.579308	-1.7262	0.115717	0.774596	-1.291	0.000500665	0.443466	-2.25497	3.30E-06	0.193693	-5.1628	4.79E-05	0.318751	-3.13725	0.0526484	0.719585	-1.38969	0.000499231	2.25577	2.25577	0.0098723	0.614434	-1.62751	28.9759	10.24	0.314131	1
cg00041328	C17orf85;C17orf85	6.43E-05	6.22E-06	2.58176	2.58176	0.0321391	1.2657	1.2657	0.000797139	0.621573	-1.60882	0.000379821	1.70394	1.70394	0.0175125	1.31188	1.31188	0.00352129	1.44991	1.44991	?	?	?	0.060135	1.22027	1.22027	0.00177453	1.51865	1.51865	25.5483	3.17013	0.124084	1
cg02655623	C17orf85;C17orf85	6.85E-05	0.0277965	0.780379	-1.28143	0.000854873	0.62022	-1.61233	1.82E-06	0.321986	-3.10573	0.0606953	1.22342	1.22342	0.349203	0.9122	-1.09625	0.00558198	0.706749	-1.41493	0.293312	1.10955	1.10955	0.338264	1.0987	1.0987	0.0170213	1.31976	1.31976	24.4855	3.52629	0.128014	1
cg03400731	C17orf85;C17orf85	0.00287392	0.616563	1.08498	1.08498	0.00150162	0.477521	-2.09415	0.00581002	0.557853	-1.79259	0.0158771	1.61161	1.61161	0.323478	0.848103	-1.1791	0.00611992	0.56102	-1.78247	0.00328381	0.523498	-1.91023	0.225136	1.22854	1.22854	0.609137	0.920061	-1.08688	8.66783	3.5832	0.367459	1
cg00679711	C17orf85;C17orf85	0.00926666	0.246449	0.866918	-1.15351	0.0274006	1.35997	1.35997	0.0182493	1.4016	1.4016	0.34065	1.12266	1.12266	0.00282064	0.615872	-1.62371	0.0560137	0.774886	-1.29051	0.28632	0.877687	-1.13936	0.431167	0.909675	-1.09929	0.0269019	0.734316	-1.36181	6.05594	1.33157	0.195447	1
cg10640280	C17orf86	0.000293909	0.000648217	0.491053	-2.03644	0.19522	1.20474	1.20474	0.634917	0.937038	-1.06719	0.703293	0.949303	-1.0534	0.00371199	0.586859	-1.70399	0.689879	0.94693	-1.05604	0.0382233	0.721407	-1.38618	0.0731707	0.762103	-1.31216	6.30E-06	0.253786	-3.94033	16.5427	4.84282	0.260219	1
cg05549575	C17orf87	0.00159472	0.000489702	0.347624	-2.87667	0.389096	0.843034	-1.18619	0.0146008	0.558887	-1.78927	0.0386056	0.629105	-1.58956	0.000501287	0.348937	-2.86585	0.543602	1.12629	1.12629	0.02652	1.66323	1.66323	0.326129	1.21668	1.21668	0.0141896	0.556912	-1.79562	10.2962	6.10276	0.526859	1
cg17588003	C17orf87	0.0238451	0.00648226	0.197433	-5.06501	0.0590774	0.376397	-2.65677	0.0626701	0.382785	-2.61243	0.0128555	0.242636	-4.12141	0.00430431	0.173771	-5.75471	0.214163	0.549057	-1.8213	0.466813	0.712159	-1.40418	0.71866	1.18039	1.18039	0.0515865	0.362141	-2.76135	4.42931	14.7425	2.95857	1
cg21846970	C17orf87	0.0270172	0.0205132	0.648685	-1.54158	0.152565	1.26817	1.26817	0.709577	0.943645	-1.05972	0.0368098	0.686565	-1.45653	0.0315596	1.47833	1.47833	0.753916	1.04997	1.04997	0.0286133	1.49243	1.49243	0.117877	1.30121	1.30121	0.521455	0.904153	-1.10601	4.24072	1.61471	0.338457	1
cg20359349	C17orf88	0.000623105	0.72018	1.06368	1.06368	0.0413885	1.49738	1.49738	2.50E-05	0.237697	-4.20704	0.924766	0.983921	-1.01634	0.0155552	0.600984	-1.66394	0.00298096	0.496957	-2.01225	0.0240837	1.58678	1.58678	0.629721	0.92001	-1.08694	0.904723	0.97966	-1.02076	13.4414	6.2699	0.414632	1
cg18464244	C17orf88	0.000786212	0.0368326	0.525106	-1.90438	0.0146871	0.450274	-2.22087	3.88E-05	0.123218	-8.11569	0.477135	0.825294	-1.21169	0.000789204	0.259881	-3.84791	0.0186711	0.468932	-2.1325	0.226577	0.713719	-1.40111	0.00041714	0.22611	-4.42263	0.294173	0.748992	-1.33513	12.5935	14.0742	0.993395	1
cg03786808	C17orf88	0.00120423	0.000196193	0.299131	-3.34302	0.0613476	0.666102	-1.50127	0.175433	0.757507	-1.32012	0.0109401	0.540334	-1.85071	0.000198777	0.299822	-3.33531	0.309737	0.816599	-1.22459	0.252554	0.794248	-1.25905	0.000556693	0.356191	-2.80748	0.024317	0.596076	-1.67764	11.1606	6.5669	0.523024	1
cg16631417	C17orf88	0.00173725	0.0231092	0.255285	-3.9172	0.000111405	0.0328503	-30.4411	0.00324066	0.132867	-7.52631	0.280463	0.56897	-1.75756	0.0056888	0.16152	-6.19117	0.019302	0.241122	-4.14728	0.00454764	0.149589	-6.68496	0.00146297	0.0993015	-10.0703	0.0751806	0.369374	-2.70728	10.0446	40.196	3.55713	1
cg24631052	C17orf88	0.00219154	0.941827	0.983471	-1.01681	8.48E-05	0.199233	-5.01925	0.0332825	0.566549	-1.76507	0.640094	1.11354	1.11354	0.00152197	0.352572	-2.8363	0.01936	0.524236	-1.90754	0.219016	0.744373	-1.34341	0.0198888	0.52628	-1.90013	0.0281864	0.553287	-1.80738	9.38786	7.75424	0.73421	1
cg12496455	C17orf88	0.00243629	0.850101	0.936216	-1.06813	0.101404	0.535366	-1.86788	0.00887485	0.313429	-3.19052	0.759702	1.1128	1.1128	0.00165522	0.208379	-4.79895	0.17562	0.605501	-1.65152	0.0115262	0.332622	-3.00642	9.32E-05	0.0881748	-11.3411	0.30336	0.689779	-1.44974	9.10088	17.4921	1.70847	1
cg14336674	C17orf88	0.0432634	0.0784536	2.18061	2.18061	0.0148493	3.30415	3.30415	0.219338	1.67393	1.67393	0.109805	2.00418	2.00418	0.0122175	3.47362	3.47362	0.164862	1.80569	1.80569	0.0366329	2.63399	2.63399	0.0234108	2.94495	2.94495	0.0192111	3.09511	3.09511	3.57771	9.01335	2.23938	1
cg07118041	C17orf89;C17orf56	0.00324727	0.214423	0.877768	-1.13925	0.0969539	0.83383	-1.19928	9.98E-05	1.99086	1.99086	0.889823	1.01392	1.01392	0.321412	0.902864	-1.10759	0.527771	0.938181	-1.06589	0.567738	0.94402	-1.0593	0.017129	0.748395	-1.33619	0.419411	1.08577	1.08577	8.35885	1.31718	0.140071	1
cg26630138	C17orf89;C17orf56	0.0121678	0.954097	0.992006	-1.00806	0.0115882	1.55284	1.55284	0.0175023	1.49663	1.49663	0.0738116	1.3203	1.3203	0.0236662	1.45738	1.45738	0.410228	0.889212	-1.12459	0.0135339	0.653038	-1.5313	0.8953	0.981809	-1.01853	0.0226395	1.46306	1.46306	5.54843	1.70835	0.273686	1
cg23715667	C17orf90;CCDC137	2.47E-05	0.0010384	0.430458	-2.32311	8.13E-06	0.184193	-5.42908	7.03E-05	0.283922	-3.5221	0.157395	0.769206	-1.30004	4.51E-05	0.261971	-3.81721	0.0033363	0.499918	-2.00033	3.83E-06	0.154101	-6.48925	0.000223578	0.344372	-2.90384	0.0161227	0.599927	-1.66687	32.0464	15.2867	0.424015	1
cg03764274	C17orf90;CCDC137	0.000157607	0.0814111	0.737806	-1.35537	0.0724315	0.729374	-1.37104	0.00453145	0.551352	-1.81372	0.774372	1.04629	1.04629	0.000231335	0.382071	-2.61731	0.213408	0.813619	-1.22908	1.04E-05	0.226624	-4.4126	0.0275386	1.50726	1.50726	0.000308851	0.397801	-2.51382	19.5938	7.69051	0.348887	1
cg16776874	C17orf90;CCDC137	0.000992608	0.0012472	0.312273	-3.20233	0.123668	0.662624	-1.50915	0.000676503	0.277334	-3.60577	0.149666	0.683015	-1.4641	0.00111711	0.305821	-3.26988	0.0978289	0.638746	-1.56557	0.00012557	0.192318	-5.19972	0.0460274	0.568749	-1.75824	0.00160328	0.327246	-3.05581	11.7913	11.3755	0.857544	1
cg24393942	C17orf90;CCDC137	0.00185116	0.000783211	0.0816035	-12.2544	0.667028	0.807708	-1.23807	0.0089302	0.193754	-5.1612	0.846243	1.10052	1.10052	0.000909044	0.0864954	-11.5613	0.558934	0.747068	-1.33857	0.0010316	0.0908202	-11.0108	0.101753	0.41319	-2.42019	0.00119518	0.0960579	-10.4104	9.86125	38.0199	3.4271	1
cg16299813	C17orf90;CCDC137	0.00388408	0.00571732	0.332927	-3.00366	0.00933498	2.72041	2.72041	0.211734	0.670788	-1.49078	0.951354	1.01869	1.01869	0.00403457	0.309661	-3.22934	0.00600086	0.336246	-2.97402	0.0274626	0.453119	-2.20693	0.666338	1.14073	1.14073	0.00788798	0.355416	-2.8136	7.92235	11.5595	1.29697	1
cg08348427	C17orf90;CCDC137	0.0241735	0.0138418	0.343504	-2.91117	0.713372	0.878439	-1.13838	0.361828	1.38997	1.38997	0.554849	1.23347	1.23347	0.0167139	0.35836	-2.79049	0.0525951	0.461098	-2.16873	0.00463167	0.266241	-3.75599	0.951378	1.02165	1.02165	0.0607279	0.475798	-2.10173	4.40839	8.61656	1.73741	1
cg26731897	C17orf90;CCDC137	0.0358188	0.889552	1.02997	1.02997	0.872273	0.966386	-1.03478	0.319652	1.24427	1.24427	0.10656	1.45424	1.45424	0.506375	1.15405	1.15405	0.824366	0.953862	-1.04837	0.00177083	0.38825	-2.57566	0.0822243	0.664211	-1.50555	0.171092	0.733665	-1.36302	3.83485	2.74288	0.635778	1
cg06927305	C17orf91;C17orf91;C17orf91;C17orf91;MIR22	0.0112137	0.704315	0.822768	-1.21541	0.417028	1.52863	1.52863	0.200435	1.99761	1.99761	0.0243145	3.94889	3.94889	0.0925227	2.57852	2.57852	0.147506	2.2148	2.2148	0.000394592	17.9536	17.9536	0.00635204	6.15755	6.15755	0.685676	1.23144	1.23144	5.69706	23.6206	3.68542	1
cg06053959	C17orf91;C17orf91;C17orf91;C17orf91;MIR22	0.0329326	0.969442	0.98438	-1.01587	0.00286347	5.39927	5.39927	0.0271729	2.92871	2.92871	0.314606	1.53323	1.53323	0.558735	1.27509	1.27509	0.515676	0.762708	-1.31112	0.0284027	2.89558	2.89558	0.0812045	2.21329	2.21329	0.326153	0.659259	-1.51685	3.95295	10.5743	2.3778	1
cg22516975	C17orf91;C17orf91;C17orf91;C17orf91;MIR22	0.042377	0.0174493	4.00466	4.00466	0.0336199	3.28673	3.28673	0.0241293	3.63033	3.63033	0.0733842	2.6044	2.6044	0.0874561	2.4709	2.4709	0.0465288	2.98333	2.98333	0.0996937	2.37519	2.37519	0.0146243	4.22689	4.22689	0.750929	0.858404	-1.16495	3.60535	13.1263	3.23626	1
cg11099291	C17orf91;C17orf91;WDR81;C17orf91;C17orf91;WDR81	0.031882	0.107854	1.51274	1.51274	0.0845126	1.56856	1.56856	0.580364	1.14081	1.14081	0.926582	1.02198	1.02198	0.906592	0.972688	-1.02808	0.0592073	0.605006	-1.65287	0.00284132	0.379357	-2.63604	0.308321	0.779768	-1.28243	0.314333	1.27823	1.27823	3.99916	3.52511	0.783522	1
cg27594176	C17orf91;C17orf91;WDR81;C17orf91;WDR81;C17orf91	0.00333504	0.596278	1.22022	1.22022	0.379979	1.39947	1.39947	0.172678	1.72411	1.72411	0.000466743	0.110064	-9.08564	0.245911	0.63493	-1.57498	0.000946116	0.141074	-7.0885	0.0332191	2.58187	2.58187	0.174573	0.581604	-1.71938	0.78686	1.10604	1.10604	9.73728	20.8625	1.66642	1

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Probeset ID	UCSC_REFGENE_NAME C17orf91;C17orf91;WDR81;C17orf91;	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs.105T vs. N)	p-value(111T vs. N)	Fold-Change(1 vs.111T vs. N)	p-value(112T vs. N)	Fold-Change(1 vs.112T vs. N)	p-value(121T vs. N)	Fold-Change(1 vs.121T vs. N)	p-value(347T vs. N)	Fold-Change(1 vs.347T vs. N)	p-value(347T vs. N)	Fold-Change(3 vs.347T vs. N)	p-value(353T vs. N)	Fold-Change(3 vs.353T vs. N)	p-value(537T vs. N)	Fold-Change(1 vs.537T vs. N)	p-value(537T vs. N)	Fold-Change(5 vs.537T vs. N)	p-value(563T vs. N)	Fold-Change(5 vs.563T vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg26653293	C17orf91;C17orf91;WDR81;C17orf91; C17orf91;C17orf91;WDR81;MIR22;C17	0.00447003	0.817177	0.894383	-1.11809	0.198275	0.519245	-1.92587	0.125118	0.449248	-2.22594	0.733496	0.848119	-1.17908	0.532522	0.737319	-1.35626	0.529255	0.735481	-1.35965	0.772388	0.869531	-1.15005	4.13E-05	0.0231191	-43.2544	0.819301	1.11661	1.11661	7.5931	27.9416	3.271	1
cg02529627	orf91;WDR81;C17orf91	0.00413476	0.915201	1.0108	1.0108	0.83009	1.02191	1.02191	0.665512	1.04484	1.04484	0.286609	1.11806	1.11806	0.77985	1.02866	1.02866	0.932193	0.991454	-1.00862	5.09E-05	0.465075	-2.15019	0.368045	1.09773	1.09773	0.381756	0.913503	-1.09469	7.77438	1.25229	0.143181	1
cg05557449	C17orf93	0.00106321	0.877466	0.94982	-1.05283	0.00270232	0.250856	-3.98635	0.660926	1.15868	1.15868	0.017648	2.62003	2.62003	0.00210805	0.236277	4.23232	0.007166446	0.313964	-3.18508	0.000812862	0.185478	-5.39146	0.031706	2.31634	2.31634	0.00770458	0.319347	-3.13434	11.5636	20.3905	1.56742	1
cg25245133	C17orf93	0.00339964	0.077819	0.701546	-1.42542	0.261631	0.809184	-1.23581	0.684999	1.07655	1.07655	0.201436	1.7834483	1.7834483	0.17615	1.2676355	1.2676355	0.00174455	0.158201	-1.79147	0.629466	0.109191	0.109191	0.0368786	1.55123	1.55123	0.112628	1.36667	1.36667	8.24523	4.27206	0.460556	1
cg16251357	C17orf93;PRAC	5.48E-05	0.0214151	0.641417	-1.55905	0.382463	0.865982	-1.15476	0.0314418	1.50135	1.50135	0.000867593	0.448033	-2.23198	0.000956039	2.20477	2.20477	0.00172451	0.487538	-2.05112	0.0146109	0.616876	-1.62107	6.99E-06	4.94327	4.94327	0.0386643	0.680639	-1.46921	25.9793	10.6193	0.363342	1
cg14326989	C17orf93;PRAC	9.81E-05	0.2245424	0.794674	-1.25891	0.0019255	0.0073309	-1.02827	0.0037551	1.05751	1.05751	0.0795231	1.560186	1.560186	0.06423	1.0810585	1.0810585	0.791238	1.06257	1.062577	0.0241405	0.190153	-5.25992	5.31E-06	10.6457	10.6457	0.06091247	0.616379	-1.62133	22.2547	18.4462	0.736772	1
cg12374721	C17orf93;PRAC	0.000186128	0.000697444	10.7951	10.09300286	0.167422	0.72992	1.083566	0.86806	1.89806	1.89806	0.203926	0.539677	-1.85296	0.48434	0.721142	1.38669	0.0109181	4.34789	4.34789	0.0461407	0.176569	-5.66349	1.89E-05	5.64572	5.64572	0.651357	0.811189	-1.23276	18.7325	62.7791	2.97898	1
cg04618333	C17orf93;PRAC	0.00369525	0.248905	1.43389	1.43389	0.10743	1.69115	1.69115	0.411598	1.28538	1.28538	0.825781	0.936205	-1.06814	0.706462	0.893028	-1.11979	0.004968218	0.328872	-3.04069	0.851083	1.05781	1.05781	5.82E-06	21.0741	21.0741	0.169226	1.54952	1.54952	15.5356	22.0015	1.25884	1
cg27444839	C17orf93;PRAC	0.00139429	0.121717	0.744645	-1.34291	0.0013842	0.742418	1.134218	0.240025	1.83333	1.83333	0.679133	1.570699	1.570699	0.1820202	1.7768	1.7768	0.377044	0.850758	-1.17542	0.0133942	0.57869	-1.72804	4.45E-05	3.62552	3.62552	0.579318	1.01501	1.01501	10.7021	5.38002	0.447599	1
cg13597528	C17orf93;PRAC	0.00147811	0.0106369	1.7248	1.7248	0.00414566	0.520854	-1.91992	0.875511	0.973743	-1.02696	0.48355	0.886176	-1.12844	0.0405138	0.669316	-1.49406	0.0615013	0.699425	-1.42975	0.0103868	0.578254	-1.72934	0.00304358	2.7073	2.7073	0.499426	0.890157	-1.1234	10.524	4.80088	0.405496	1
cg23408592	C17orf93;PRAC	0.00283304	0.5069	0.884673	-1.13036	0.2683154	1.23155	1.23155	0.0578916	1.47724	1.47724	0.0220105	0.6066	-1.64853	0.6649359	1.031027	1.031027	0.582421	0.901881	-1.10924	0.0072568	0.39252	-2.54764	0.00109448	2.41813	2.41813	0.178332	1.29724	1.29724	8.29669	4.55058	0.466219	1
cg05143654	C17orf93;PRAC	0.00487161	0.764989	0.917668	-1.08972	0.770764	1.08734	1.08734	0.065995	0.559556	-1.78713	0.534701	0.835107	-1.19745	0.111818	0.608793	-1.64259	0.539297	0.83684	-1.19497	0.0187492	0.442073	-2.26207	0.000179618	4.15796	4.15796	0.949805	1.01821	1.01821	7.39706	9.62244	1.15631	1
cg09302903	C17orf93;PRAC	0.00982465	0.627973	1.15391	1.15391	0.423169	0.786755	2.120103	0.556866	0.840135	-1.19029	0.368519	0.762791	-1.31098	0.0312072	0.480702	-2.08029	0.0306033	0.474861	-2.10588	0.0056105	0.344312	-2.90435	0.00289194	3.32276	3.32276	0.0607707	0.538103	-1.85838	5.94213	8.09085	1.20991	1
cg08886727	C17orf93;PRAC	0.00995622	0.00877419	1.53176	1.53176	0.0958251	0.99569	-1.00031	0.0979772	1.42569	1.42569	0.0129	1.880798	1.880798	0.0214	1.6225	1.6225	0.00178522	0.158822	-6.29772	0.713813	0.14091	-7.09555	0.00785731	14.3116	14.3116	0.000771482	0.53088	0.53088	0.0558053	0.42179	5.42157	0.51802	1
cg23183568	C17orf95	0.034872	0.0305046	0.297898	-3.35685	0.125575	0.454022	-2.20254	0.0555807	0.355823	-2.81038	0.312697	0.608094	-1.64448	0.0126495	0.228447	-4.37739	0.0214811	0.268275	-3.72752	0.00528956	0.173582	-5.76096	0.608638	0.781932	-1.27888	0.0496565	0.344156	-2.90566	3.87226	13.9145	3.19412	1
cg27009944	C17orf95;JMJD6;JMJD6	2.24E-05	0.0216047	0.354607	-2.82002	0.00251721	0.289726	-3.45153	0.000510708	0.288548	-3.46563	0.977272	1.006551	1.006551	0.00214511	0.222849	-4.48734	0.005268849	0.438605	-2.28031	2.97E-06	0.0778997	-12.837	3.56E-06	0.0282881	-12.0761	0.000742046	0.309419	-3.23186	12.8676	27.3033	0.738403	1
cg08157300	C17orf95;JMJD6;JMJD6	0.00249066	0.0088674	0.723544	-1.38209	0.00233294	0.811975	-1.23156	0.182962	0.869111	-1.1506	0.433512	0.783483	-1.27635	0.0119564	0.472642	-2.07408	0.873998	1.01588	1.015888	0.530521	0.938873	-1.06511	0.0411999	1.1705	1.1705	0.146537	1.17045	1.17045	0.94199	1.41133	0.138744	1
cg21807925	C17orf95;JMJD6;JMJD6	0.00393729	0.0032941	0.481682	-2.07606	0.0174998	0.590012	-1.69488	0.697664	0.931255	-1.07382	0.244042	1.24902	1.24902	0.128914	0.741286	-1.34901	0.0001364	0.299921	-3.33421	0.251415	0.809634	-1.24435	0.06272721	0.682453	-1.4653	0.526188	0.889431	-1.12431	7.88997	4.15924	0.468582	1
cg25690634	C17orf95;JMJD6;JMJD6	0.00406277	0.0126597	0.353705	-1.33704	0.0133171	0.936604	-1.06766	0.0133659	0.830364	-1.20497	0.0922402	0.902343	-1.10822	0.00222609	0.202406	-4.94033	0.083047	0.487829	-2.0498	0.00390506	0.128914	-7.75562	0.00696733	2.98284	2.98284	-4.2585	0.0346747	0.398105	2.56E-15	7.81571	17.3166	1.96944	1
cg03115081	C17orf95;JMJD6;JMJD6	0.0321234	0.129873	0.792396	-1.262	0.0338245	1.4225	1.4225	0.00496489	1.6972	1.6972	0.667443	1.0634	1.0634	0.702638	1.04414	1.04414	0.535802	0.914686	-1.09327	0.472084	0.901202	-1.10963	0.11818	0.7856629	-1.27287	0.0558772	1.36078	1.36078	1.37766	0.284752	1
cg26303158	C17orf95;JMJD6;JMJD6;JMJD6;JMJD6	0.0048679	0.0373126	2.7445	2.7445	0.391004	1.40009	1.40009	0.0	1.0	1.0	0.0	1.0	1.0	0.00261167	0.136717	-7.31436	0.925239	0.902526	-1.10859	0.00275	0.133595	?	?	?	?	0.00273828	0.138665	-7.16	?	?	0.112711	17.34	1.14711	2
cg08334962	C17orf96	0.00054153	8.21E-06	0.200553	-4.98621	0.507085	0.894879	-1.11747	0.751799	1.05375	1.05375	0.0363511	1.49409	1.49409	0.271107	0.827728	1.20813	0.0566166	1.42774	1.42774	0.65189	0.927797	-1.07782	0.158343	0.796691	-1.28256	0.604434	1.09007	1.09007	13.9773	6.02829	0.383371	1
cg23408670	C17orf96	0.00106584	0.156265	0.88446	-1.13063	3.64E-05	0.90319	1.90319	0.00124388	1.4651	1.4651	0.980338	1.002	1.002	0.452364	0.939904	-1.06394	0.722264	0.971522	-1.02931	0.281315	0.913146	-1.09488	0.153876	0.926392	-1.07946	0.562151	0.953663	-1.04859	11.5555	1.19937	0.0922603	1
cg02172940	C17orf96	0.0139037	?	?	?	?	0.0133196	5.05131	0.19511	0.80619	-1.24008	0.3224	0.98624	1.01389	0.0079972	0.42869	2.33191	0.414763	1.70486	1.70486	0.63723	0.373876	-1.35524	0.00348626	0.0672172	-14.8771	0.424818	1.68469	1.70796	24.6813	5.76535	1	
cg00739155	C17orf96	0.016535	0.0278743	0.503818	-1.98484	0.0537412	0.561138	-1.78209	0.00815357	0.409305	-2.44337	0.578109	1.15975	1.15975	0.00372102	0.355932	-2.81142	0.997537	1.00081	1.00081	0.0114036	0.433712	-2.30568	0.980943	1.00632	1.00632	0.0409807	0.536764	-1.86302	5.01573	5.52811	0.979692	1
cg23793897	C17orf96	0.0194479	0.0046024	0.313615	-3.18802	0.0147437	0.54332	-1.84014	0.448373	0.787838	-1.2693	0.0267146	0.946086	-1.05682	0.24172	0.0100096	4.13544	0.962719	0.985731	-1.01448	0.00709018	0.418566	-2.38944	0.0108984	2.37543	2.37543	-4.41796	0.0865853	0.57487	-1.73939	7.11193	1.33104	1
cg00743717	C17orf96	0.0316228	0.0449653	0.97835	1.97835	0.0652758	1.84717	-1.84717	0.44701	0.794685	-1.25836	0.0868661	1.75186	1.75186	0.138969	0.623607	1.60357	0.01681737	0.73501	1.37501	0.2919	0.723065	-1.383	0.0166599	2.37923	2.37923	0.275709	1.39965	1.39965	4.01085	0.58489	1.23773	1
cg00349721	C17orf96	0.0159083	0.202384	1.35716	1.35716	0.85618	0.95967	-1.04202	0.600559	0.88703	-1.12736	0.00549952	0.43685	-2.28911	0.311575	0.768563	-1.26813	0.0703952	1.58231	1.58231	0.88723	1.03272	1.03272	0.602649	1.12657	1.12657	0.0136231	0.500324	-1.9987	3.83138	3.12419	0.724618	1
cg21609512	C17orf96;C17orf96	0.00030927	0.560939	0.07554	-13.2391	0.0184783	0.744498	-1.34319	0.0163313	0.693733	-1.44153	0.0139111	0.744134	-1.34423	5.19E-05	0.277461	3.60501	0.058729	0.276746	-3.61397	0.0022009	0.242404	-4.12483	0.0009733	1.32704	1.32704	0.0173358	0.893024	-1.11979	56.1135	3.96464	0.216025	1
cg16535018	C17orf96;C17orf96	0.0063293	0.00623959	0.263373	-3.79689	0.0015304	0.181398	-5.51274	0.0998705	0.509206	-1.96384	0.0995787	0.508854	-1.9652	0.00315635	0.220936	4.5262	0.14034	0.552261	-1.81074	0.00357643	0.228321	-4.3798	0.00485658	0.247144	-4.04622	0.0542643	0.441518	-2.26491	8.82545	15.1439	1.97222	1
cg24211157	C17orf96;C17orf96	0.0104493	0.0134439	0.27337	-3.65842	0.0087456	0.567954	-1.76113	0.0206972	0.407	-2.46072	0.0099488	0.487026	-2.05128	0.00514032	0.194536	5.14204	0.0096744	0.401602	-2.49059	0.00074746	0.136135	-7.34566	0.00033154	0.0064504	-155.04	0.0060718	0.182897	-5.46922	0.0004055	-7.71589	0.00074718	2	
cg26776226	C17orf96;C17orf96	0.0231353	0.504592	0.937498	-1.06667	0.0153076	0.32814	1.32814	0.01158	1.35106	1.35106	0.434536	1.07896	1.07896	0.730741	0.967608	1.03948	0.363896	0.914903	-1.09301	0.0131758	0.746062	-1.34037	0.082313	1.20136	1.20136	0.259219	1.11873	1.11873	4.4758	0.6440024	0.127902	1
cg00964751	C17orf96;C17orf96	0.0130585	0.02631	0.251684	-3.97324	0.0277957	0.256256	-3.90235	0.0419089	0.292982	-3.41318	0.182356	0.476622	-2.0981	0.0105533	0.185554	-5.38926	0.0764107	0.356261	-2.80693	0.0265937	0.252191	0.914686	-1.09327	0.472084	0.901202	-1.10963	0.11818	0.785629	-1.27287	0.0558772	1.36078	1.36078	0.138598	0.055171	1
cg21558396	C17orf97	5.72E-05	0.00598667	0.6	-1.66667	0.0133196	0.51358	-1.9478	0.0131256	1.28	1.28	0.35408	0.81426	-1.22797	0.566517	0.94208	1.06121	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	2
cg13477164	C17orf97	0.00041524	0.0163149	1.59589	1.59589	0.09904082	0.589679	-1.69584	0.00568483	0.561361	-1.78138	0.667344	1.07125	1.07125	0.0433342	0.690797	-1.4476	?	?	?	0.00780932	1.72212	1.72212	0.00214645	0.5035093	-1.98606	0.000270159	2.58778	2.58778	15.4147	5.49831	0.356692	1
cg19585061	C17orf97	0.0033547	0.0079258	0.4	-2.5	0.0133196	0.56932	1.75668	0.0133196	0.56932	1.75668	0.0133196	0.56932	1.75668	0.0133196	0.56932	1.75668	0.786-05	0.09003	-11.1074	0.1823	0.160693	-6.22477	0.0977155	0.0207007	0.7767	0.0230434	-1.08644	12.565	16.9335	1.19793	1	
cg12417689	C17orf97	0.0029054	0.0230709	0.411892	-2.42782	0.635555	0.862886	-1.1589	0.526308	1.23317	1.23317	0.0110295	1.53763	1.53763	0.00039087	0.158043	6.29156	0.003889	2.2811	-3.55745	0.491222	0.795942	-1.25637	0.007262676	3.32901	-3.09692	0.00294658	0.263765	3.79125	6.83989	14.5802	1.50004	1
cg25045219	C17orf97	0.0033614	0.312793	1.2576	1.2576	0.0175116	0.530055	-1.8866	0.000383697	0.288147	-3.47045	0.0816061	0.654618	-1.52761	0.781291	0.94073	-1.063	0.378839	0.820203	-1.21921	0.0560762	0.62187	-1.60805	0.812256	1.05362	1.05362	0.000475801	0.299891	-3.33454	8.27313	6.31459	0.678458	1
cg00425140	C17orf97	0.00778174	0.0079702	0.41882	-2.38824	0.0144971	0.815125	-1.22662	0.0204294	0.530463	-1.8864	0.0266304	0.7438	1.3448	0.0032914	0.359844	-2.77973	0.992719	0.985731	-1.01448	0.00709018	0.418566	-2.38944	0.0108984	2.37543	2.37543	-4.41796	0.0865853	0.57487	-1.73939	7.11193	1.33104	1
cg18457597	C17orf97	0.0102413	0.0238115	0.586233	-1.70467	0.0153086	0.555056	-1.80162	0.00426829	0.469552	-2.12969	0.0337898	0.612565	-1.63248	0.0362797	0.61795	-1.61825	0.218905	0.774394	-1.29133	0.31244	1.2295	0.895844	1.02624	1.02624	0.00307553	0.424346	-2.35657	3.86567	3.63216	0.55042	1
cg00197989	C17orf97	0.0160168	0.67697	1.15853	1.15853	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.454763	1.70486	1.70486	0.63723	0.373876	-1.35524	0.00348626	0.0672172	-14.8771	0.424818	1.68469	1.70796	24.6813	5.76535	1	
cg00435401	C17orf97	0.0467909	0.0878999	0.567481	-1.76217	0.1162236	0.598421	-1.67106	0.0920808	0.572485	-1.74677	0.156168	0.63361	-1.57826	0.0216682	0.436384	-2.29156	0.0307325	0.466108	-2.14543	0.421366	1.28027	1.28027	0.885991	0.957764	-1.0441	0.00710562	0.351327	-2.84635	3.47425	4.97848	1.27375	1
cg23108479	C17orf98	9.12E-08	0.0028219	0.813681	-1.22892	0.0144507	0.743132	-1.34564	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	2.35E-05	0.653859	-1.52938	0.15146	0.140317	-7.12593	0.00196499	0.0972267	-1.44644	2.55E-05	0.659368	-1.51714	0.643968	-1.55253	0.0196267	1	
cg15762182	C17orf98	1.41E-06	4.76E-07	0.104851	-9.5373	0.000778872	0.464686	-2.24878	0.000149714	0.354081	-2.82421	0.000191506	0.367243	-2.723	5.20E-06	0.19218	5.20346	0.00100577	0.459209	-2.17766	0.717866	0.943797	-1.05955	0.001854	0.7005508	-4.72754	0.0695573	0.723543	-1.38209	39.2196	15.7866	0.357793	1
cg04487205	C17orf98	1.20E-05	1.87E-05	3.44413	3.44413	1.20E-06	5.93271	5.93271	4.79E-05	2.96282	2.96282	0.49405	1.10334	1.10334	0.269331	1.17733	1.17733	0.00987613	1.58831	1.58831	0.00129095	1.94542	1.94542	6.15E-06	4.20362	4.20362	0.000524944	2.15309	2.15309	38.7114	12.347	0.283511	1
cg13856584	C17orf98	0.000229514	7.51E-05	0.19267	-5.19126	0.0018783	0.444498	-2.25046	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.000224377	0.211227	-4.73533	0.00923552	0.133434	-7.49463	0.00135848	0.0024437	1.463	1.463	0.00211987	0.147668	-1.47668	0.137437	1.34783	0.216025	1
cg21852429	C17orf98	0.00110441	0.00817268	2.28054	2.28054	0.533354	1.1661	1.1661	0.094519	1.56463	1.56463	0.00709438	0.253331	2.33331	0.00627366	0.420071	-2.38055	0.0622779	1.66723	1.66723	0.00015378	4.856	4.856	0.00131842	3.12146	3.12146	0.285116	1.31052	1.31052	14.4392	10.7482	0.835193	1
cg19837652	C17orf98	0.00157045	0.00150744	3.69747	3.69747	0.00847456	0.57446	1.74094	0.0214717	1.6452	1.6452	0.07843	1.99004	1.99004	0.00072559	0.114795	6.14479	0.196779	1.51659	1.51659	0.00029219	7.99002	7.99002	0.00395562	3.91469	3.91469	0.00389516	3.2289	3.2289	30.1419	20.5582	1.74512	1
cg19760229	C17orf98	0.00836599	0.0046436	0.42446	-2.42446	0.0125233	1.26215	1.26215	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.095225	0.61048	-1.64202	0.20128	0.20128	0.048302	1.80947	1.80947	-1.80947	0.155522	1.61659	1.61659	0.0015473	5.48732	5.48732	0.54702	2.6084	0.00547802	2.61144	8.67227	0.48645	0.972341	1
cg22850505	C17orf98	0.00456238	0.726983	0.880941	-1.13515	0.0019167	0.204137	-4.89868	0.0174187	0.351008	-2.84893	0.0112826	0.513484	-1.86956	0.0030583	0.230634	-4.33587	0.236853	0.63871	-1.56551	0.00307958	0.120204	-8.31917	0.01926	0.741962	-1.34778	0.0804119	0.459502	-2.01645	7.54612	15.6312	1.84126	1
cg24766229	C17orf99	7.56E-05	0.0790802	0.6	-1.66667	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.000224	2.29E-05	43.6251	0.80931	0.780553	-1.28125	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	0.0133196	0.519335	-1.92453	2
cg19972674	C17orf99	0.00018515	0.00017548	0.398133	-2.51173	0.0402882	0.709745	-1.40896	4.75E-05	0.32988	-3.03141	0.809465	0.965647	-1.03557	5.19E-05	0.334437	-2.9901	0.00394269	0.570512	-1.75281	0.0150762	1.36892	1.36892	0.0418963	0.712247	-1.40401	0.0107737	0.629016	-1.58979	18.7592	6.22182	0.294815	1
cg00957598	C17orf99	0.00278353	0.0045395	0.44095	-2.24017	0.188329	0.731128	-1.36402	0.0014659	0.359554	-2.78122	0.513599	0.862832	-1.15897	0.00422738	0.288247	-3.46924	0.00159361	0.364596	-2.74276	0.466045	0.847723	-1.17963	0.45506	0.84413	-1.18465	0.00673846	0.457324	-2.18663	8.6055	6.80686	0.689233	1
cg27225044	C18orf10	0.00423151	0.217957	0.751857	-1.33004	0.096223	1.49479	1.49479	0.034676	0.581627	-1.71931	0.727017	1.08018	1.08018	0.00302509	0.278367	3.59237	0.0295269	0.569838	-1.75566	0.0089864	0.480688	-2.08035	0.039356	2.1124	2.1124	0.0112908	1.497419	-2.01038	7.32024	5.92183	0.681825	1
cg07648207	C18orf10	0.00516577	0.124748	1.25532	1.25532	0.000261427	2.273137	2.27337	0.00621042	1.62929	1.62929	0.00248182	1.77784	1.77784	0.369663	1.13434	1.13434	0.992857	1.00123	1.00123	0.72592	0.952986	-1.04933	0.0657727	1.32643	1.32643	0.202111	1.20234	1.20234	7.26582	2.1542	0.263541	1
cg22319753	C18orf10;KIAA1328;C18orf10	0.00348039	0.1765311	1.25038	1.25038	0.0744903	1.225351	1.225351	0.0300224	1.53255	1.53255	0.194597	1.01283	1.01283	0.0622708	1.382643	1.382643	0.561084	1.10561	1.10561	0.49404424	0.578172	0.963782	1.08005135	1.39048	1.39048	0.0202327	1.46444	2.55E-05	0.659368	-1.51214	0.643968	-1.55253	0.0196267	1
cg00429194	C18orf16;AQP4	0.00347057	0.00234568	2.25741	2.25741	0.0190804	0.580409	-1.72292	0.0763732	0.685205	-1.45942	0.523959	1.13183	1.13183	0.0638129	1.4911	1.4911	0.595519	0.902366	-1.1082	0.00185255	2.3333	2.3333	0.00548246	2.01428	2.01428	0.667661	1.08635	1.08635	8.19448	4.7719	0.517627	1
cg07808661	C18orf18;LOC339290	0.0015298	1.12903	1.12903	1.12903	0.0158525	1.14929	1.14929	0.0733274	1.1927	1.1927	0.0308678	1.30793	1.30793	0.0431231	0.918455	-1.08879	0.0502234	0.778041	-1.28527	0.0317108	1.6016	1.6016	0.0404372	1.79797	1.79797	0.0688834	1.01217	1.01217	0.0001571	4.28238	0.373165	1	
cg18893834	C18orf19;C18orf19	0.00230884	0.660309	1.04609	1.04609	0.58972	0.946047	-1.05703	0.957355	1.00546	1.00546	0.0509072	0.797264	-1.25429	0.112802	0.838742	1.19226	0.983095	0.997844	-1.00216	4.53E-05	2.1943	2.1943	0.28822	0.893749	-1.11888	0.17082	1.16019	1.16019	9.24559	1.51985	0.146122	1
cg16674618	C18orf19;C18orf19	0.0160077	0.389754	0.832317	-1.20147	0.0260228	0.576864	-1.73351	0.506635	0.869083	-1.15064	0.0187612	0.552632	-1.80952	0.610834	0.898636	-1.1128	0.00805723	0.493203	-2.02756	0.00654818	2.0867	2.0867	0.458444	1.17026	1.17026	0.860645	0.964068	-1.03727	5.07018	3.48255	0.61055	1
cg12813323	C18orf19;C18orf19;RNMT;C18orf19;C1	0.00302749	0.1895754	1.44392	1.44392	0.0117681	0.663884	-1.50629	0.883317	1.01934	1.01934	4.71E-05	0.36826	-2.71548	0.00180114	0.561011	-1.7825	0.00227167	1.74347	1.74347	0.0123179	1.50051	1.50051	0.334301	1.13843	1.13843	0.695763

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24167378	C18orf55	0.00866456	0.0694508	0.433327	-2.30773	0.0326597	0.357219	-2.7994	0.422995	0.713902	-1.40075	0.19054	0.565063	-1.76972	0.00364138	0.197933	-5.05221
cg05208237	C18orf55;FBXO15;FBXO15	0.0295198	0.401556	0.926864	-1.07891	0.160452	1.14183	1.14183	0.0176562	1.29088	1.29088	0.0524452	0.822761	-1.21542	0.412364	1.07696	1.07696
cg23384185	C18orf56;TYMS	3.16E-06	2.37E-08	0.115617	-8.64922	0.436255	1.08601	1.08601	0.00361476	0.664192	-1.50559	0.0441142	0.786411	-1.2716	0.0012451	0.6126	-1.63239
cg15712413	C18orf56;TYMS	0.0070743	0.0036163	1.53921	1.53921	0.02889	0.754186	-1.32593	0.653165	1.05078	1.05078	0.9992	1.00011	1.00011	0.285322	0.885574	-1.12921
cg00949578	C18orf62	0.000548812	0.340371	0.859346	-1.16368	0.0309028	1.47841	1.47841	0.00203616	0.511219	-1.95611	0.171907	0.799039	-1.2515	1.77E-05	0.258102	-3.87444
cg21659774	C18orf8	0.000968327	0.00807237	0.60147	-1.66259	0.00510089	0.574334	-1.74115	0.00304964	0.54439	-1.83692	0.0237712	1.49831	1.49831	0.116649	0.77458	-1.29102
cg25768756	C18orf8	0.00153186	0.59274	0.781832	-1.27905	0.366978	1.52746	1.52746	0.926316	0.958766	-1.04301	0.450508	0.70399	-1.42048	3.35E-05	0.0165414	-60.4544
cg11922607	C18orf8	0.00355209	0.055993	0.723524	-1.38212	0.0306178	0.684048	-1.46189	0.168384	1.24537	1.24537	0.0954314	1.31502	1.31502	0.000263055	0.407991	-2.45104
cg00552697	C19orf10	0.00779893	0.0349618	0.505525	-1.97814	0.0642579	0.561485	-1.78099	0.53065	0.838351	-1.19282	0.140478	0.643923	-1.55298	?	?	?
cg19397176	C19orf10	0.0139255	0.0154462	0.324049	-3.08595	0.0267781	0.369716	-2.70478	0.529387	0.785347	-1.27332	0.0277354	2.68232	2.68232	0.164471	0.569795	-1.75502
cg25387540	C19orf10	0.0181098	0.0505582	1.67666	1.67666	0.846605	1.04595	1.04595	0.0588175	0.609568	-1.64051	0.0278592	0.547263	-1.82728	0.822526	0.949228	-1.05349
cg26377296	C19orf10;C19orf10	0.0161094	0.167805	0.718645	-1.39151	0.26255	1.30022	1.30022	0.244297	1.31489	1.31489	0.343739	0.803163	-1.24508	0.0191198	0.528704	-1.89142
cg10633686	C19orf12	0.00669721	0.0423663	0.528139	-1.89344	0.0256409	2.06242	2.06242	0.0114833	2.37136	2.37136	0.521927	0.837585	-1.19391	0.0689282	0.573609	-1.74335
cg01756756	C19orf12;C19orf12	0.0149912	0.102147	0.678082	-1.47475	0.0113056	0.502126	-1.99153	0.912783	0.976488	-1.02408	0.0210023	1.82749	1.82749	0.0136382	0.515504	-1.93985
cg01518459	C19orf12;C19orf12	0.0244611	0.096936	1.75438	1.75438	0.00152218	4.0892	4.0892	0.0696822	1.86992	1.86992	0.0261618	2.25692	2.25692	0.75122	1.1031	1.1031
cg18504218	C19orf12;C19orf12	0.0281418	0.299982	1.13664	1.13664	0.203034	1.17378	1.17378	0.486796	0.9192	-1.0879	0.640022	1.05777	1.05777	0.92811	1.01082	1.01082
cg24016035	C19orf12;C19orf12;C19orf12	0.0154867	0.910227	1.00918	1.00918	0.00101359	0.673535	-1.4847	0.167768	0.887653	-1.12657	0.15769	0.884744	-1.13027	0.51338	0.947691	-1.0552
cg27202622	C19orf18	0.000164889	0.531558	1.24018	1.24018	0.74571	0.895361	-1.11687	0.0504155	0.468868	-2.1328	0.00415919	0.271251	-3.68662	2.99E-05	0.0622926	-16.0533
cg27623214	C19orf18	0.000373319	0.389406	0.880945	-1.13514	9.50E-06	0.253606	-3.94312	0.16038	1.24052	1.24052	0.0585198	1.35957	1.35957	0.121938	1.27244	1.27244
cg02449608	C19orf18	0.0005407	0.16728	0.77181	-1.29565	0.283368	1.21666	1.21666	0.0923706	1.38529	1.38529	0.305362	0.829657	-1.20532	0.33904	0.840812	-1.18933
cg07947705	C19orf18	0.0241787	0.00890175	0.175635	-5.69364	0.205257	2.01054	2.01054	0.331543	0.592423	-1.68798	0.334937	0.594733	-1.68143	0.00854059	0.17315	-5.77534
cg25656098	C19orf20	0.00023518	0.00195459	0.38015	-2.63054	0.0127378	1.981	1.981	0.0056697	0.448635	-2.22898	0.901782	0.9731	-1.02764	0.000227184	0.258344	-3.87081
cg21177456	C19orf20	0.00115732	0.00161601	4.43499	4.43499	0.000290919	7.00681	7.00681	0.00764559	3.09545	3.09545	0.00553895	3.32395	3.32395	0.308459	0.706543	-1.41534
cg10401489	C19orf20	0.00489952	0.0439337	1.72179	1.72179	0.0237791	1.88368	1.88368	0.901112	1.0296	1.0296	0.0604297	1.64361	1.64361	0.65847	0.900869	-1.11004
cg21450784	C19orf20	0.0140488	0.00461432	7.14471	7.14471	0.00969393	5.51277	5.51277	0.0517423	3.17343	3.17343	0.0427733	3.37526	3.37526	0.45369	1.48907	1.48907
cg13541861	C19orf20	0.0377826	0.679079	1.09986	1.09986	0.606957	0.888062	-1.12605	0.495114	0.853437	-1.17173	0.0616876	0.617862	-1.61848	0.482771	0.849424	-1.17727
cg05017226	C19orf20	0.0476633	0.791582	1.07235	1.07235	0.00302747	0.342397	-2.92059	0.0956394	1.6206	1.6206	0.178955	1.45729	1.45729	0.253054	1.37007	1.37007
cg10008710	C19orf21	8.29E-06	0.936185	0.993138	-1.00691	0.357545	0.921862	-1.08476	0.0984321	0.855701	-1.16863	0.0201025	1.27267	1.27267	1.67E-07	0.248659	-4.02157
cg19546012	C19orf21	0.00035945	0.304339	0.836499	-1.19546	0.816908	0.961826	-1.03969	0.576295	0.909603	-1.09938	0.0491653	0.686013	-1.4577	0.000294188	0.371626	-2.69088
cg04245402	C19orf21	0.000366091	0.00207639	0.170631	-5.86059	0.00295967	0.18936	-5.28093	0.0441466	0.389363	-2.56829	0.0233973	0.331271	-3.01868	0.000207362	0.0793826	-12.5972
cg03018001	C19orf21	0.000648022	0.000798352	0.153755	-6.50385	0.00220921	0.204699	-4.88522	0.323058	0.685621	-1.45853	0.205423	0.61019	-1.63883	0.000377959	0.122378	-8.17137
cg03230858	C19orf21	0.000823802	0.00270905	0.289949	-3.44888	0.00240216	0.282559	-3.53909	0.202334	0.668791	-1.49524	0.151441	0.631692	-1.58305	0.000303725	0.173022	-5.77962
cg18870054	C19orf21	0.00381839	0.337638	1.35961	1.35961	0.957746	0.983669	-1.0166	0.000578848	0.191203	-5.23005	0.455604	1.26638	1.26638	0.000329073	0.164872	-6.06531
cg26229361	C19orf21	0.00446631	0.0143158	0.495069	-2.01992	0.00198843	0.361856	-2.76353	0.325951	1.26631	1.26631	0.359377	0.803015	-1.24531	0.476792	0.845009	-1.18342
cg01496380	C19orf21	0.00604899	0.372579	1.62645	1.62645	0.0388339	0.280549	-3.56444	0.0178249	0.216442	-4.62018	0.0127245	0.193017	-5.18089	0.00142888	0.0862217	-11.598
cg06698707	C19orf21	0.0073821	0.0621188	1.49673	1.49673	0.0994674	1.41444	1.41444	0.0438098	0.640867	-1.56039	0.115589	0.720031	-1.38883	0.134983	0.733877	-1.36263
cg26813907	C19orf21	0.00985723	0.418252	0.677862	-1.47523	0.109685	0.440553	-2.26987	0.0189949	0.263168	-3.79985	0.699717	0.833451	-1.19983	0.00129891	0.110568	-9.0442
cg15133041	C19orf21	0.0130499	0.0291586	0.371845	-2.68929	0.0196307	0.337921	-2.95927	0.0444794	0.411429	-2.43056	0.388235	1.40541	1.40541	0.00435362	0.23082	-4.33238
cg15225810	C19orf21	0.0255817	0.0376222	0.417052	-2.39778	0.71247	0.87439	-1.14365	0.920498	1.03686	1.03686	0.0581619	0.460049	-2.17368	0.475002	0.768411	-1.30139
cg14052044	C19orf21;C19orf21	0.0055247	0.00868192	0.360946	-2.7705	0.330776	0.736587	-1.35761	0.239815	0.687305	-1.45496	0.954719	0.982849	-1.01745	0.00271794	0.283268	-3.53022
cg02667291	C19orf22	0.00161365	0.562833	1.07675	1.07675	0.00308161	0.599276	-1.66868	0.867119	0.979056	-1.02139	0.0666454	0.771103	-1.29684	0.000211245	0.457075	-2.18783
cg26777040	C19orf22	0.00231872	0.162433	0.796355	-1.25572	0.219864	1.21771	1.21771	0.0196945	1.53744	1.53744	0.275112	1.1893	1.1893	0.000254814	0.398538	-2.50917
cg14145667	C19orf22	0.00552999	0.167112	0.825532	-1.21134	0.0269979	0.71113	-1.40621	0.00517758	0.618495	-1.61683	0.00123966	0.540915	-1.84872	0.0918709	0.785387	-1.27326
cg06707236	C19orf22	0.00574379	0.0771904	0.392123	-2.55022	0.0126858	4.3754	4.3754	0.338578	1.60001	1.60001	0.011008	4.57102	4.57102	0.0437961	0.331502	-3.01657
cg06315884	C19orf22	0.00928339	0.952327	1.0117	1.0117	0.145417	1.35553	1.35553	0.220711	1.28468	1.28468	0.0301265	0.608838	-1.64247	0.00276866	0.447968	-2.2323
cg03052794	C19orf22	0.0109157	0.0184933	0.580714	-1.72202	0.768693	0.945443	-1.0577	0.00633639	0.508569	-1.9663	0.00361264	0.472664	-2.11567	0.0626312	0.671277	-1.4897
cg18022193	C19orf22	0.0109331	0.179741	0.787649	-1.2696	0.00045314	0.396166	-2.52419	0.10772	0.745227	-1.34187	0.0181883	0.618546	-1.61669	0.255865	0.819791	-1.21982
cg01997529	C19orf22	0.0239438	0.553028	0.792045	-1.26255	0.294641	0.655568	-1.52539	0.00213269	0.187035	-5.34659	0.164955	0.562442	-1.77796	0.0139226	0.307215	-3.25505
cg18764516	C19orf22	0.026834	0.861516	1.04275	1.04275	0.779917	1.06947	1.06947	0.0508738	1.7045	1.7045	0.449815	0.831416	-1.20277	0.00322879	0.381631	-2.62033
cg22930390	C19orf22	0.0310804	0.152945	0.641002	-1.56006	0.320539	1.34746	1.34746	0.997966	1.00074	1.00074	0.156724	1.55288	1.55288	0.0631204	0.544801	-1.83553
cg24117473	C19orf22	0.0435937	0.945474	0.969082	-1.0319	0.62467	1.25409	1.25409	0.067791	0.390862	-2.55845	0.36625	1.53147	1.53147	0.29327	1.64973	1.64973
cg08902698	C19orf23;CIRBP;CIRBP;CIRBP	0.000692184	0.900208	1.02066	1.02066	0.326849	1.17936	1.17936	0.0840454	1.36554	1.36554	0.00731274	1.75708	1.75708	0.367301	0.859902	-1.16292
cg02281970	C19orf23;CIRBP;CIRBP;CIRBP	0.00101701	0.418408	1.27044	1.27044	0.0364931	2.02113	2.02113	0.00433881	3.01473	3.01473	0.0116581	2.49075	2.49075	0.0195335	2.26373	2.26373
cg14558880	C19orf23;CIRBP;CIRBP;CIRBP	0.00477849	0.406955	1.3762	1.3762	0.299261	1.49925	1.49925	0.00623055	3.82732	3.82732	0.130718	1.8484	1.8484	0.63805	1.19526	1.19526
cg02644867	C19orf23;CIRBP;CIRBP;CIRBP	0.00804099	0.532639	0.845487	-1.18275	0.0513806	1.80231	1.80231	0.0444922	1.84561	1.84561	0.272081	1.35473	1.35473	0.626873	1.13894	1.13894
cg26552621	C19orf23;CIRBP;CIRBP;CIRBP	0.0190044	0.397309	1.43338	1.43338	0.036423	2.7462	2.7462	0.00226118	5.89989	5.89989	0.112921	2.04775	2.04775	0.388476	1.44362	1.44362
cg09400566	C19orf23;CIRBP;CIRBP;CIRBP	0.0276782	0.464635	1.2572	1.2572	0.169936	1.56766	1.56766	0.0107823	2.67813	2.67813	0.0588545	1.92756	1.92756	0.0805131	1.81519	1.81519
cg15226147	C19orf24	8.52E-06	0.000787211	1.86592	1.86592	6.08E-07	5.39009	5.39009	0.0150199	1.44401	1.44401	1.26E-05	3.09572	3.09572	0.0216894	0.712649	-1.40321
cg01924434	C19orf24	0.00293693	0.038411	1.63444	1.63444	0.00166408	2.51246	2.51246	0.000626062	2.93632	2.93632	0.00136648	2.58979	2.58979	0.0632193	1.53404	1.53404
cg06653052	C19orf24	0.0180794	0.876022	1.04517	1.04517	0.0171927	2.27414	2.27414	0.584939	0.855486	-1.16893	0.0407776	1.95101	1.95101	0.0414901	0.514118	-1.94508
cg18717146	C19orf25	0.00112971	0.00653292	0.55943	-1.78753	0.213697	1.24012	1.24012	0.934365	0.986553	-1.01363	0.962484	0.992298	-1.00776	0.183444	1.2611	1.2611
cg22686253	C19orf25	0.00226526	0.000570383	0.408683	-2.44688	0.0625285	0.703607	-1.42125	0.477577	0.885946	-1.12874	0.50243	0.892123	-1.12092	0.639099	0.923843	-1.08244
cg10537718	C19orf25	0.00305994	0.575597	1.06942	1.06942	0.000100245	2.26721	2.26721	0.000685902	1.85016	1.85016	0.713423	1.04474	1.04474	0.0638313	1.28043	1.28043
cg18751223	C19orf25	0.0120614	0.000248268	0.220918	-4.52656	0.414106	0.811866	-1.23173	0.472469	1.20014	1.20014	0.626946	0.884906	-1.13006	0.0835935	0.619981	-1.61295
cg22703791	C19orf25	0.0443527	0.559386	1.10286	1.10286	0.519415	1.1144	1.1144	0.992809	0.998506	-1.0015	0.754423	1.05342	1.05342	0.0134806	0.602124	-1.66079
cg27593348	C19orf26	0.0232407	0.156943	0.772597	-1.29434	0.0975494	0.733567	-1.3632	0.634046	0.921518	-1.08517	0.0124702	0.588701	-1.69866	0.41635	1.15208	1.15208
cg01297744	C19orf26	0.0444914	0.0959062	1.48353	1.48353	0.108666	1.45849	1.45849	0.34881	1.23125	1.23125	0.259218	1.28901	1.28901	0.252355	0.772681	-1.29419
cg05261411	C19orf26	0.0481685	0.0208442	0.534076	-1.87239	0.0304046	0.563375	-1.77502	0.0457536	0.596622	-1.6761	0.952391	0.986625	-1.01356	0.0219021	0.537848	-1.85926
cg23991721	C19orf26;C19orf26	0.000963461	0.00148187	2.50275	2.50275	0.0079355	1.9761	1.9761	0.00320579	2.23657	2.23657	0.000490448	0.335345	-2.982	0.00847991	1.95884	1.95884
cg05607388	C19orf28;C19orf28;C19orf28	0.0370708	0.0257459	0.661988	-1.5106	0.213467	1.22636	1.22636	0.0101366	1.65725	1.65725	0.172738	1.25359	1.25359	0.36647	1.15547	1.15547
cg26168358	C19orf28;C19orf28;C19orf28	0.0385022	0.403923	0.839189	-1.19163	0.000760124	0.350819	-2.85047	0.175741	0.744131	-1.34385	0.578308	1.12217	1.12217	0.30752	0.805061	-1.24214
cg14034476	C19orf28;C19orf28;C19orf28	0.049832	0.0321766	0.423008	-2.36402	0.193832	0.624124	-1.60225	0.301304	1.44373	1.44373	0.354059	0.721124	-1.38672	0.0459025	0.4563	-2.19154
cg12194727	C19orf29;C19orf29	0.00365435	0.0022056	0.277176	-3.60782	0.0313164	0.469847	-2.12835	0.433641	0.787481	-1.26987	0.524832	1.21252	1.21252	0.292388	0.721332	-1.38632
cg03681644	C19orf29;C19orf29	0.0125004	0.100748	0.679907	-1.47079	0.000321999	0.286825	-3.48644	0.683385	1.09199	1.09199	0.0961893	0.675659	-1.48004	0.360164	0.817176	-1.22373
cg14330007	C19orf29;C19orf29	0.01678	0.848263	1.04061	1.04061	0.0465685	0.622697	-1.60592	0.115997	1.42625	1.42625	0.505058	0.868863	-1.15093	0.00559579	0.469488	-2.12998
cg26829088	C19orf29;C19orf29	0.0212916	0.16553	0.866065	-1.15465	0.0129435	1.34975	1.34975	0.214162	1.13559	1.13559	0.626486	0.953435	-1.04884	0.282598	1.11466	1.11466
cg24199453	C19orf29;C19orf29	0.0296067	0.004669	0.347944	-2.87402	0.212348	1.44582	1.44582	0.440305	0.801816	-1.24717	0.748171	1.09462	1.09462	0.0113251	0.410641	-2.43522
cg06914509	C19orf29;C19orf29	0.044124	0.071945	0.690399	-1.44844	0.129567	0.739308	-1.35262	0.775628	0.948661	-1.05412	0.0996414	0.716892	-1.39491	0.0122207	0.562263	-1.77853
cg18610289	C19orf29;C19orf29	0.046365	0.10386	1.20526	1.20526	0.197946	1.15355	1.15355	0.585597	1.0595	1.0595	0.490702	1.07626	1.07626	0.0314579	0.767303	-1.30327
cg17523501	C19orf29;C19orf29	0.0476753	0.0194145	0.136448	-7.32881	0.108773	0.291483	-3.43073	0.36702	0.520426	-1.9215	0.838014	0.865655	-1.15519	0.018665	0.134072	-7.4587
cg03267160	C19orf2;C19orf2	0.00780694	0.960711	1.00744	1.00744	0.491028	1.11104	1.11104	0.560706	1.09259	1.09259	0.120881	0.776316	-1.28814	0.428841	1.12928	1.12928
cg27180365	C19orf2;C19orf2	0.00808591	0.108046	0.790608	-1.26485	0.333512	1.14301	1.14301	0.519601	0.916244	-1.09141	0.986241	0.997692	-1.00231	0.0061011	1.61554	1.61554
cg27547281	C19orf30;MIR7-3	0.0207595	0.403752	0.652963	-1.53148	0.68608	0.816515	-1.22472	0.522267	1.382	1.382	0.0456295	3.13729	3.13729	0.010559	0.200941	-4.97658
cg08189186	C19orf33	0.00153592	0.00165906	0.258978	-3.86134	0.170965	0.645562	-1.54904	0.00147971	0.252403	-3.96192	0.00847754	0.364651	-2.74235	0.0295707	0.46346	-2.15768
cg27174108	C19orf33;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.026675	0.11139	1.84933	1.84933	0.423204	1.33646	1.33646	0.15655	0.584316	-1.7114	0.17162	0.596908	-1.6753	0.0318497	2.43968	2.43968
cg08399733	C19orf35	0.000136441	0.108267	0.644527	-1.55153	0.790331	1.06909	1.06909	0.0038259	0.376261	-2.65773	0.786984	1.07026	1.07026	6.94E-06	0.0824179	-12.1333
cg01559356	C19orf35	0.00176509	0.00120311	0.350653	-2.85182	0.16872	1.38265	1.38265	0.555421	0.876543	-1.14085	0.239937	1.3124	1.3124	0.00397535	0.425044	-2.3527
cg07595134	C19orf35	0.00218292	0.503581	1.15817	1.15817	0.0309157	0.578001	-1.7301	0.00456012	0.441658	-2.26419	0.669967	1.09718	1.09718	0.000416742	0.297921	-3.35659
cg14337655	C19orf35	0.00302441	0.00265534	0.164494	-6.07923	0.00194605	0.149156	-6.70441	0.653816	0.822015	-1.21652	0.0656072	0.407741	-2.45254	0.00320003	0.174247	-5.73899
cg22047338	C19orf35	0.00352623	0.00474527	0.542581	-1.84304	0.0732863	0.722087	-1.38487	0.277809	0.831944	-1.202	0.00573369	0.554093	-1.80475	0.232737	0.815459	-1.2263
cg20973210	C19orf35	0.0086631	0.00623227	0.270874	-3.69175	0.0270394	2.60897	2.60897	0.566367	1.23656	1.23656	0.047567	2.29358	2.29358	0.0213207	0.362899	-2.75559
cg00330929	C19orf35	0.00893195	0.00315794	0.329683	-3.03321	0.834577	1.05921	1.05921	0.0254314	0.48158	-2.0765	0.0117669	0.420823	-2.3763	0.0167211	0.447751	-2.23338
cg27341866	C19orf35	0.00955388	0.274181	0.823418	-1.21445	0.0201755	0.619753	-1.61354	0.682128	0.932098	-1.07285	0.106832	0.740352	-1.35071	0.00352144	0.508807	-1.96538
cg22007861	C19orf35	0.00964356	0.00219535	0.383593	-2.60693	0.941544	0.98377	-1.0165	0.164202	0.718069	-1.39262	0.86625	0.963086	-1.03833	0.0631985	0.627364	-1.59397
cg26245697	C19orf35	0.0110574	0.00417032	0.203012	-4.92582	0.0192271	0.308427	-3.24226	0.0902198	0.460501	-2.17155	0.0892622	0.459221	-2.1776	0.000766709	0.120469	-8.30091
cg17437218	C19orf35	0.0121345	0.597764	0.889632	-1.12406	0.00759591	0.470445	-2.12565	0.061939	0.630213	-1.58676	0.0183066	0.533169	-1.87558	0.0032263	0.413688	-2.41728
cg07352691	C19orf35	0.0221982	0.381799	1.36364	1.36364	0.0554863	2.11803	2.11803	0.0957382	1.8827	1.8827	0.0195165	2.65403	2.65403	0.0216949	0.385591	-2.59342
cg01985343	C19orf35	0.0305668	0.166352	0.738005	-1.35501	0.750152	0.936348	-1.06798	0.00231745	0.416474	-2.40111	0.949934	1.01301	1.01301	0.0351261	0.60334	-1.65744
cg26472036	C19orf35	0.032465	0.746405	1.18665	1.18665	0.103635	2.55669	2.55669	0.144213	2.28733	2.28733	0.232528	1.93541	1.93541	0.00784852	0.165412	-6.04552
cg10627703	C19orf35	0.0355513	0.373581	0.583876	-1.71269	0.0618094	3.45233	3.45233	0.222254	2.12899	2.12899	0.0556868	3.58673	3.58673	0.0565181	0.280321	-3.56733
cg00512280	C19orf35;C19orf35	0.000598689	0.000193974	0.39623	-2.52378	0.000612466	0.458881	-2.17921	0.0159716	0.646969	-1.54567	0.00161065	0.51296	-1.94947	0.00785381	0.604417	-1.65449
cg22964303	C19orf36;C19orf36;MOBKL2A	4.48E-06	0.000387097	0.440955	-2.26781	0.313486	1.16276	1.16276	0.0195779	1.50388	1.50388	9.69E-05	0.366872	-2.72575	3.26E-06	0.203441	-4.91542
cg19939660	C19orf36;C19orf36;MOBKL2A	0.00181811	0.287474	1.16024	1.16024	0.2132	0.83827	-1.19293	0.872025	1.02193	1.02193	0.0283343	1.41673	1.41673	0.00178617	1.81898	1.81898
cg13689560	C19orf36;MOBKL2A;C19orf36	0.00228482	0.00136901	0.035819	-27.9182	0.00753486	0.0850392	-11.7593	0.143886	0.324502	-3.08164	0.0703553	0.234614	-4.26233	0.000391492	0.0174167	-57.4161
cg02010738	C19orf36;MOBKL2A;C19orf36	0.0415123	0.0955452	0.335423	-2.98131	0.042854	0.24895	-4.01688	0.640575	0.755388	-1.32382	0.305105	0.530709	-1.88427	0.0379925	0.238081	-4.20025
cg05273302	C19orf36;MOBKL2A;C19orf36	0.0424296	0.0333284	0.230723	-4.3342	0.103924	0.350499	-2.85308	0.287412	0.521369	-1.91803	0.11657	0.365882	-2.73312	0.0736136	0.308504	-3.24145
cg06543936	C19orf38	2.34E-05	4.49E-06	0.208871	-4.78765	0.695334	1.06015	1.06015	0.000673398	0.462196	-2.16358	0.412727	0.883127	-1.13234	3.49E-06	0.198069	-5.04876
cg27589572	C19orf38	0.000446256	0.000322531	0.427946	-2.33674	0.364041	1.14578	1.14578	0.797461	0.963176	-1.03823	0.533281	1.09643	1.09643	0.832516	0.969577	-1.03138
cg12483357	C19orf38	0.00383403	0.989112	0.996567	-1.00344	0.137164	1.49702	1.49702	0.219083	0.72201	-1.38502	0.0162241	0.476668	-2.0979	0.864201	0.957779	-1.04408
cg11995437	C19orf39	0.00461056	0.000376104	0.115567	-8.65296	0.0826579	0.482124	-2.07416	0.0681499	0.460567	-2.17124	0.426127	0.73458	-1.36132	0.0522268	0.432532	-2.31197
cg08435340	C19orf39	0.0145049	0.043084	0.668756	-1.49531	0.0948524	1.37343	1.37343	0.0113885	1.72901	1.72901	0.0374843	0.658828	-1.51785	0.0202753	0.616442	-1.62221
cg12754733	C19orf39	0.0237285	0.880783	1.01763	1.01763	0.00939262	1.46753	1.46753	0.0452497	1.30676	1.30676	0.75152	0.963676	-1.03769	0.223617	1.16059	1.16059
cg11974722	C19orf39	0.0478108	0.180205	1.68785	1.68785	0.694281	1.15638	1.15638	0.0853362	2.01297	2.01297	0.345118	1.42998	1.42998	0.802582	1.09652	1.09652
cg08267614	C19orf39;C19orf39	0.000795081	0.737417	1.13561	1.13561	0.00132291	0.152994	-6.5362	0.000642139	0.119347	-8.37891	9.57E-05	0.0553695	-18.0605	0.0986361	0.499602	-2.00159
cg26371368	C19orf40	0.0375934	0.153639	0.877706	-1.13933	0.03211	1.23906	1.23906	0.496287	0.942722	-1.06076	0.582774	0.953732	-1.04851	0.377589	1.08037	1.08037
cg09328527	C19orf40;CCDC123	6.26E-05	0.72375	1.01298	1.01298	0.0037975	1.15244	1.15244	8.55E-05	1.29231	1.29231	0.0185796	1.10928	1.10928	0.22365	1.04755	1.04755
cg25368113	C19orf40;CCDC123	0.00585672	0.000546095	0.118074	-8.4693	0.352484	1.42621	1.42621	0.138671	1.81422	1.81422	0.677266	0.856619	-1.16738	0.329097	0.688035	-1.45341
cg24028120	C19orf40;CCDC123	0.00589142	0.00404703	0.615763	-1.624	0.997687	1.00036	1.00036	0.0553415	1.3137	1.3137	0.386166	1.11806	1.11806	0.0166429	0.692607	-1.44382
cg21912241	C19orf40;CCDC123	0.0155054	0.745827	0.974481	-1.02619	0.300115	1.08909	1.08909	0.00996014	1.29522	1.29522	0.192156	1.11597	1.11597	0.00672545	1.32222	1.32222
cg16889936	C19orf40;CCDC123	0.0205988	0.15902	0.760616	-1.31472	0.210625	0.786797	-1.27098	0.666133	0.924125	-1.08211	0.876371	1.0287	1.0287	0.829419	1.04	1.04
cg16174234	C19orf40;CCDC123	0.049288	0.155225	0.680002	-1.47058	0.503918	0.842004	-1.18764	0.114366	0.646978	-1.54565	0.865777	1.04383	1.04383	0.644116	0.888741	-1.12519
cg23059965	C19orf41	0.00170431	0.03005	0.275035	-3.63589	0.00177578	0.105283	-9.49821	0.0121515	0.20574	-4.86051	0.0286504	0.270921	-3.69111	0.000812807	0.0777451	-12.8625
cg01867155	C19orf41	0.00350424	0.519322	0.93194	-1.07303	0.00559076	0.675281	-1.48086	0.363373	0.904116	-1.10605	0.365923	0.904626	-1.10543	0.912112	1.01198	1.01198
cg14742716	C19orf41	0.00492863	0.222982	1.67052	1.67052	0.000561086	8.52947	8.52947	0.309649	0.656193	-1.52394	0.845474	0.924788	-1.08133	0.144758	0.533848	-1.87319
cg24301414	C19orf41	0.00662956	0.0346435	0.272239	-3.67325	0.201145	0.490108	-2.04036	0.0215211	0.232584	-4.29952	0.186288	0.477046	-2.09624	0.0272417	0.251499	-3.97615
cg22688687	C19orf42	0.0387876	0.420907	0.710226	-1.408	0.344972	0.667121	-1.49898	0.89205	1.05813	1.05813	0.672448	0.837806	-1.19359	0.00311576	0.185901	-5.37922
cg14560835	C19orf42;TMEM38A	6.98E-05	8.70E-06	0.0205933	-48.5594	0.751158	0.879961	-1.13641	0.296557	1.54501	1.54501	0.266642	0.628006	-1.59234	0.00220581	0.178226	-5.61085
cg09699369	C19orf42;TMEM38A	0.0332833	0.56542	0.77095	-1.2971	?	?	?	0.90712	0.949091	-1.05364	0.00239684	0.150476	-6.6456	0.704723	0.843293	-1.18583
cg05241586	C19orf43	4.20E-05	3.13E-06	0.215101	-4.64898	0.281288	0.855988	-1.16824	0.025492	0.691679	-1.44576	0.423434	1.12023	1.12023	9.94E-06	0.267772	-3.73452
cg27477250	C19orf43	7.50E-05	0.000423558	0.313702	-3.18774	0.620395	1.10922	1.10922	0.103235	1.44776	1.44776	0.327928	1.23325	1.23325	5.33E-06	0.117516	-8.50948
cg12202913	C19orf43	0.000428338	0.000325192	0.201776	-4.95598	0.00737883	0.386348	-2.58834	0.0237626	0.475494	-2.10308	0.596428	1.1586	1.1586	5.14E-05	0.123944	-8.06814
cg14714057	C19orf43	0.00855823	0.000413983	0.475971	-2.10097	0.0842495	1.28798	1.28798	0.142799	1.23206	1.23206	0.0950872	0.784267	-1.27508	0.0756271	0.769493	-1.29956
cg07799434	C19orf43	0.0247316	0.355152	0.64279	-1.55572	0.14484	0.483089	-2.07001	0.0297015	0.304533	-3.28371	0.0363425	0.322858	-3.09734	0.0025514	0.143029	-6.99158
cg14058359	C19orf44	0.00911009	0.447894	1.15813	1.15813	0.555956	0.893112	-1.11968	0.00295803	2.16924	2.16924	0.92622	0.982574	-1.01773	0.046659	0.648973	-1.5409
cg10248733	C19orf44;CALR3	0.00148708	0.181055	0.85034	-1.176	0.00609636	1.50491	1.50491	0.000660234	1.81395	1.81395	0.0164632	1.39737	1.39737	0.0826664	1.24536	1.24536
cg24841124	C19orf44;CALR3	0.0118142	0.945626	1.01412	1.01412	0.595727	0.895796	-1.11633	0.18971	0.751663	-1.33038	0.000161456	0.266117	-3.75774	0.258932	1.27386	1.27386
cg08065229	C19orf44;CALR3	0.0196706	0.00210191	0.157313	-6.35676	0.347407	0.661235	-1.51232	0.473235	0.73207	-1.36599	0.428993	0.70808	-1.41227	0.00179796	0.149778	-6.67654
cg23158022	C19orf44;CALR3	0.033602	0.991838	0.998433	-1.00157	0.54471	0.910269	-1.09858	0.432752	0.884462	-1.13063	0.397728	1.14201	1.14201	0.00507949	1.76477	1.76477
cg04764898	C19orf45	1.24E-05	0.724993	0.936593	-1.0677	9.57E-05	3.62546	3.62546	0.157383	0.755464	-1.32369	0.00160145	0.431897	-2.31537	0.0478015	0.657242	-1.52151
cg24201224	C19orf45	0.000145464	0.000641965	0.411894	-2.42781	0.0026596	0.494801	-2.02102	0.000698163	0.416659	-2.40005	0.00434721	0.524581	-1.90628	0.00150627	0.461077	-2.16884
cg02385167	C19orf45	0.000526207	0.387769	0.845918	-1.18215	5.96E-05	4.06867	4.06867	0.397457	0.84893	-1.17795	0.000914753	2.55185	2.55185	0.0142868	0.564886	-1.77027

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24167378	0.0101784	0.263297	-3.79799	0.000994424	0.133465	-7.49259	0.331881	1.5102	1.5102	0.0355648	0.365112	-2.73888	6.18639	16.6147	2.38728	1
cg05208237	0.0310691	0.799408	-1.25093	0.211787	0.890157	-1.1234	0.0821452	1.18574	1.18574	0.125519	1.15797	1.15797	4.1103	0.509392	0.110161	1
cg23384185	0.0122966	0.723312	-1.38253	0.00117343	0.609716	-1.64011	0.0215351	0.75066	-1.33216	0.00338919	0.661083	-1.51267	54.613	9.33516	0.15194	1
cg15712413	0.153631	0.845956	-1.18209	0.0615474	0.794049	-1.25937	0.00398209	0.654478	-1.52794	0.0103885	0.702297	-1.4239	6.59337	1.25214	0.168808	1
cg00949578	0.188565	0.80661	-1.23976	0.0813496	1.34724	1.34724	0.262112	0.834942	-1.19769	0.0156413	0.633068	-1.57961	13.9255	5.24898	0.335051	1
cg21659774	0.0184285	0.651546	-1.53481	0.00043618	2.30011	2.30011	0.261061	1.19199	1.19199	0.33789	0.862404	-1.15955	11.8744	4.22223	0.316067	1
cg25768756	0.0108401	0.220703	-4.53097	0.435553	1.43797	1.43797	0.0866901	0.416946	-2.39839	0.09329	2.34651	2.34651	12.5213	40.2267	2.49873	1
cg11922607	0.0237763	0.668048	-1.4969	0.110191	0.770849	-1.29727	0.142048	1.26615	1.26615	0.294157	1.17664	1.17664	8.13774	2.88039	0.314627	1
cg00552697	0.0004031	0.209772	-4.76708	0.166796	1.50559	1.50559	0.641586	1.13898	1.13898	0.212655	1.43962	1.43962	6.52661	7.08037	1.08485	1
cg19397176	0.724392	0.87437	-1.14368	0.00192821	0.189288	-5.28297	0.24579	0.631071	-1.58461	0.0759157	0.472808	-2.11502	5.30919	12.0925	2.02459	1
cg25387540	0.0456628	0.58774	-1.70143	0.0031982	0.393178	-2.54338	0.187039	1.38316	1.38316	0.257554	0.760298	-1.31527	4.86517	4.14521	0.757349	1
cg26377296	0.0174284	0.52177	-1.91655	0.00125472	0.346876	-2.88288	0.934812	0.981783	-1.01855	0.913905	1.0246	1.0246	5.05951	4.04732	0.711061	1
cg10633686	0.434567	0.80436	-1.24323	0.00111822	3.70826	3.70826	0.411949	1.25743	1.25743	0.372752	0.778905	-1.28385	6.70682	7.91998	1.04968	1
cg01756756	0.269482	1.28367	1.28367	0.0116288	0.504123	-1.98364	0.137454	0.706528	-1.41537	0.516164	0.866786	-1.15369	5.1817	3.8702	0.663909	1
cg01518459	0.0437993	2.04404	2.04404	0.174414	1.56161	1.56161	0.0123753	2.61345	2.61345	0.0994756	1.74557	1.74557	4.39034	6.61849	1.34001	1
cg18504218	0.731341	1.04195	1.04195	0.00154637	0.581056	-1.72101	0.0236263	1.38021	1.38021	0.98556	0.997844	-1.00216	4.18033	0.941365	0.200168	1
cg24016035	0.158548	1.12995	1.12995	0.00819075	0.760149	-1.31553	0.541816	0.951173	-1.05133	0.248026	1.10284	1.10284	5.12621	0.533438	0.0924987	1
cg27202622	0.000782946	0.178133	-5.61377	1.98E-05	0.0531035	-18.8312	0.411366	1.33019	1.33019	0.711681	0.881529	-1.13439	19.3563	35.3692	1.62424	1
cg27623214	0.0694044	0.746834	-1.33899	0.00654199	1.66149	1.66149	0.747674	1.04748	1.04748	0.735455	1.04994	1.04994	15.492	5.06762	0.290766	1
cg02449608	1.52E-05	0.206625	-4.83969	0.043705	0.665012	-1.50373	0.741828	1.05989	1.05989	0.000662277	0.399585	-2.5026	13.9833	6.85583	0.435811	1
cg07947705	0.0507858	0.312566	-3.19932	0.168627	2.15235	2.15235	0.166657	2.16104	2.16104	0.627051	1.29159	1.29159	4.40806	19.0654	3.84456	1
cg25656098	1.72E-05	0.142707	-7.00734	0.710571	1.08581	1.08581	0.0832751	0.654768	-1.52726	0.208644	0.746216	-1.34009	17.5801	13.5817	0.686718	1
cg21177456	0.65108	0.860679	-1.16187	0.0016527	4.41058	4.41058	0.00204418	4.1882	4.1882	0.783087	1.0952	1.0952	11.2878	19.4137	1.52878	1
cg10401489	0.240957	0.749703	-1.33386	0.578701	1.14069	1.14069	0.000180229	4.42699	4.42699	0.00993864	2.14717	2.14717	7.38419	6.44072	0.775316	1
cg21450784	0.138324	0.435025	-2.29872	0.74394	1.18646	1.18646	0.0056151	6.66292	6.66292	0.754554	0.849082	-1.17774	5.29383	22.8145	3.83079	1
cg13541861	0.0693674	0.628273	-1.59166	0.00175421	0.36054	-2.77361	0.759321	0.93211	-1.07284	0.0167369	0.512671	-1.95057	3.76102	3.11782	0.736874	1
cg05017226	0.163646	1.48006	1.48006	0.298253	1.32895	1.32895	0.579533	1.15907	1.15907	0.743261	1.09056	1.09056	3.45013	3.80138	0.979386	1
cg10008710	0.697673	0.966991	-1.03414	8.18E-05	1.8415	1.8415	0.0209905	0.787596	-1.26969	0.88961	1.01201	1.01201	42.5932	4.98763	0.104088	1
cg19546012	0.0797836	0.721597	-1.38581	8.48E-06	0.196559	-5.08754	0.00273371	0.499495	-2.00202	0.0152466	0.606476	-1.64887	15.6542	6.9831	0.39652	1
cg04245402	0.00173174	0.161576	-6.18906	7.89E-05	0.0544056	-18.3804	0.00011553	0.0634495	-15.7606	0.0231379	0.330325	-3.02732	15.5756	41.0458	2.34246	1
cg03018001	0.00326984	0.22708	-4.40374	0.000172619	0.0945209	-10.5797	0.000476023	0.131541	-7.6022	0.176319	0.587685	-1.70159	13.295	28.7907	1.92492	1
cg03230858	0.00409905	0.316332	-3.16123	0.000214869	0.157789	-6.33757	0.000483043	0.194805	-5.13334	0.0242236	0.448014	-2.23207	12.4291	17.5816	1.25738	1
cg18870054	0.332618	0.733001	-1.36425	0.982445	1.00686	1.00686	0.0430559	0.485073	-2.06155	0.259473	0.69379	-1.44136	7.9631	12.1806	1.35967	1
cg26229361	0.00346014	0.396917	-2.51942	0.0032917	0.393689	-2.54007	0.00273327	0.381788	-2.61926	0.024013	0.534344	-1.87145	7.59502	6.51871	0.762922	1
cg01496380	0.767048	0.853978	-1.17099	0.00110544	0.0776954	-12.8708	0.0402337	0.283849	-3.523	0.080367	0.356784	-2.80281	6.92176	30.9507	3.97467	1
cg06698707	0.0229787	1.68583	1.68583	0.0193151	1.72167	1.72167	0.053738	0.656667	-1.52284	0.0092733	0.530488	-1.88506	6.5062	3.79936	0.519075	1
cg26813907	0.0117227	0.227606	-4.39357	0.00249239	0.138706	-7.2095	0.0206406	0.269747	-3.70717	0.050892	0.351531	-2.8447	5.93785	20.7794	3.11064	1
cg15133041	0.122438	0.525088	-1.90444	0.00170522	0.178326	-5.6077	0.173753	0.572952	-1.74535	0.0844704	0.479761	-2.08437	5.42335	12.7216	2.08508	1
cg15225810	0.0815497	0.496569	-2.01382	0.00176963	0.198976	-5.02573	0.00779325	0.28974	-3.45137	0.138645	0.560983	-1.78259	4.32247	9.00176	1.85115	1
cg14052044	0.0207561	0.428211	-2.33529	0.000578506	0.197505	-5.06317	0.00391112	0.306292	-3.26486	0.218812	0.674341	-1.48293	7.11775	10.463	1.30665	1
cg02667291	0.433035	1.10642	1.10642	0.125063	1.23351	1.23351	0.0741352	1.28601	1.28601	0.00692882	1.55532	1.55532	10.2612	2.59642	0.224917	1
cg26777040	0.0430225	1.4269	1.4269	0.0032576	0.541982	-1.84508	0.503814	0.901604	-1.10913	0.915316	1.01637	1.01637	9.23402	3.40932	0.328189	1
cg14145667	0.426491	1.11149	1.11149	0.0251948	1.41416	1.41416	0.751621	0.959508	-1.0422	0.0141163	0.674135	-1.48338	7.11566	1.90981	0.238573	1
cg06707236	0.169199	0.497651	-2.00944	0.190475	1.9359	1.9359	0.00683059	5.30947	5.30947	0.0197833	0.261614	-3.82242	7.03315	25.2873	3.19596	1
cg06315884	0.0169973	0.567614	-1.76176	0.0193977	1.73327	1.73327	0.159452	1.33983	1.33983	0.788279	0.948975	-1.05377	6.05247	3.62919	0.532997	1
cg03052794	0.00667069	0.511916	-1.95345	0.0607098	0.668808	-1.4952	0.656528	0.918376	-1.08888	0.00458003	0.487682	-2.05052	5.74674	3.29391	0.509493	1
cg18022193	0.587757	0.912385	-1.09603	0.173856	0.784757	-1.27428	0.767588	0.951564	-1.0509	0.0490866	1.45696	1.45696	5.7438	2.55311	0.39511	1
cg01997529	0.580337	1.24229	1.24229	0.0729254	2.17516	2.17516	0.750978	1.13166	1.13166	0.53688	1.27498	1.27498	4.42298	10.5721	2.12468	1
cg18764516	0.483038	0.842898	-1.18638	0.0337722	0.55194	-1.81179	0.0244538	0.525871	-1.90161	0.819672	1.05627	1.05627	4.25085	3.86969	0.809186	1
cg22930390	0.0131338	0.409189	-2.44386	0.0777654	1.76746	1.76746	0.141652	1.58274	1.58274	0.0444989	0.511489	-1.95508	4.0357	5.39584	1.18847	1
cg24117473	0.741932	1.16385	1.16385	0.0444154	2.88652	2.88652	0.0838597	2.40705	2.40705	0.00775105	0.207988	-4.80798	3.56759	11.9131	2.96824	1
cg08902698	0.0409847	0.680865	-1.46872	0.000436746	0.404204	-2.474	0.000111151	3.02788	3.02788	0.754535	0.950166	-1.05245	13.0519	5.49076	0.373943	1
cg02281970	0.0855009	0.576791	-1.73373	0.00168349	0.272619	-3.66813	0.000270496	5.63433	5.63433	0.561404	1.1853	1.1853	11.7104	15.5427	1.17979	1
cg14558880	0.0774305	0.477645	-2.0936	0.0091351	0.287512	-3.47811	0.000638552	7.19737	7.19737	0.380328	1.40318	1.40318	7.44068	16.6979	1.99479	1
cg02644867	0.109449	0.629092	-1.58959	0.00128425	0.287532	-3.47788	0.00943852	2.39579	2.39579	0.59055	0.865674	-1.15517	6.33395	7.07494	0.992877	1
cg26552621	0.746502	1.14423	1.14423	0.651239	0.827758	-1.20808	0.00183685	6.28482	6.28482	0.222361	1.70356	1.70356	4.78668	13.0818	2.4293	1
cg09400566	0.241187	0.685685	-1.4584	0.101171	0.575765	-1.73682	0.0143026	2.53204	2.53204	0.0648662	1.89203	1.89203	4.20486	6.29922	1.33163	1
cg15226147	0.0934875	0.797125	-1.25451	0.00248891	0.596516	-1.6764	0.118106	0.811751	-1.23191	0.00296159	1.65098	1.65098	42.2882	10.1181	0.212679	1
cg01924434	0.220472	1.30191	1.30191	0.160045	1.35992	1.35992	0.997854	1.00055	1.00055	0.00171342	2.50129	2.50129	8.61229	5.72133	0.590509	1
cg06653052	0.380414	0.77521	-1.28997	0.0672519	1.78671	1.78671	0.101222	0.601766	-1.66178	0.0104581	2.48951	2.48951	4.86792	6.17447	1.12747	1
cg18717146	0.0041592	1.88017	1.88017	0.0162229	1.62137	1.62137	0.000149961	2.91595	2.91595	0.0136843	0.605823	-1.65065	11.3657	4.86326	0.380345	1
cg22686253	0.368481	0.856492	-1.16755	0.00718377	1.78959	1.78959	0.0451627	1.47024	1.47024	0.00108056	0.445146	-2.24645	9.29738	4.14142	0.395946	1
cg10537718	0.0619752	1.28322	1.28322	0.632819	1.05878	1.05878	0.171967	1.1883	1.1883	0.129159	1.21477	1.21477	8.50801	1.89713	0.198206	1
cg18751223	0.954228	1.01443	1.01443	0.0433254	0.559797	-1.78636	0.719507	0.913907	-1.0942	0.0475709	0.567968	-1.76066	5.56428	5.49218	0.87737	1
cg22703791	0.336637	0.848482	-1.17857	0.00454342	0.534215	-1.87191	0.349855	1.17305	1.17305	0.244723	1.22363	1.22363	3.54468	1.54424	0.387245	1
cg27593348	0.00816508	0.561607	-1.78061	0.00862064	0.565046	-1.76977	0.147059	1.30369	1.30369	0.831056	0.964243	-1.03708	4.46878	2.05571	0.408904	1
cg01297744	0.657087	1.10116	1.10116	0.149077	1.39615	1.39615	0.0015199	2.67731	2.67731	0.897819	0.97267	-1.0281	3.54055	2.60857	0.654906	1
cg05261411	0.477698	0.849763	-1.1768	0.0468585	0.598619	-1.67051	0.0141991	0.50547	-1.97836	0.607905	0.889848	-1.12379	3.43641	2.76794	0.715976	1
cg23991721	0.212572	1.30042	1.30042	0.865983	0.966769	-1.03437	0.0817191	0.67977	-1.47109	0.636997	1.09978	1.09978	11.8913	7.5396	0.563594	1
cg05607388	0.333225	1.1682	1.1682	0.0324239	1.47707	1.47707	0.169258	1.2562	1.2562	0.336837	0.857071	-1.16676	3.78722	1.45512	0.341527	1
cg26168358	0.385217	0.83298	-1.20051	0.574494	0.890076	-1.1235	0.77516	1.06055	1.06055	0.0845532	0.67595	-1.4794	3.73514	2.49277	0.59323	1
cg14034476	0.127207	0.568024	-1.76049	0.0154483	0.360996	-2.77011	0.0128031	0.346385	-2.88696	0.175275	0.610014	-1.63931	3.39247	6.31746	1.65529	1
cg12194727	0.000115067	0.132307	-7.55819	0.617106	1.16268	1.16268	0.859932	1.05424	1.05424	0.269594	0.709083	-1.41027	8.0688	11.427	1.25884	1
cg03681644	0.341732	1.23398	1.23398	0.337328	0.80873	-1.23651	0.549301	0.878066	-1.13887	0.0188855	0.543196	-1.84096	5.49998	4.01212	0.648426	1
cg14330007	0.00301012	0.429394	-2.32886	0.246469	1.28646	1.28646	0.543757	1.13623	1.13623	0.711567	1.08025	1.08025	4.99117	3.4145	0.608096	1
cg26829088	0.165297	0.865987	-1.15475	0.633905	0.954426	-1.04775	0.570425	0.945774	-1.05734	0.00236776	0.662211	-1.51009	4.60528	0.689428	0.13307	1
cg24199453	0.268124	1.38229	1.38229	0.12582	1.59187	1.59187	0.676284	1.12508	1.12508	0.289743	0.734619	-1.36125	4.10601	5.12256	1.10895	1
cg06914509	0.0451516	0.654489	-1.52791	0.00547999	0.509872	-1.96128	0.03469	0.635008	-1.57478	0.482608	0.876682	-1.14066	3.55154	1.91332	0.478872	1
cg18610289	0.033271	0.770122	-1.2985	0.060888	1.2483	1.2483	0.222299	0.874028	-1.14413	0.163314	1.16905	1.16905	3.48622	0.608457	0.15514	1
cg17523501	0.270562	0.445531	-2.24451	0.00367825	0.0628282	-15.9164	0.263006	0.439357	-2.27605	0.0884889	0.265936	-3.7603	3.4498	27.1392	6.99278	1
cg03267160	0.00224491	0.525203	-1.90403	0.000887607	0.472562	-2.11613	0.168289	1.24733	1.24733	0.286889	1.18112	1.18112	6.39306	2.29427	0.318994	1
cg27180365	0.0443874	1.36261	1.36261	0.00121437	0.53013	-1.88633	0.382655	0.88695	-1.12746	0.160764	1.22231	1.22231	6.32285	1.79805	0.252776	1
cg27547281	0.652324	1.25389	1.25389	0.00187052	0.110712	-9.03247	0.825503	1.11645	1.11645	0.369973	0.631721	-1.58298	4.64525	18.3102	3.50374	1
cg08189186	0.493754	0.811698	-1.23199	7.27E-05	0.114494	-8.73407	0.416424	0.779326	-1.28316	0.0159986	0.412595	-2.42368	10.4084	14.8554	1.26866	1
cg27174108	0.340536	0.705921	-1.41659	0.00258219	4.39721	4.39721	0.180721	1.65519	1.65519	0.935435	0.971683	-1.02914	4.25971	8.48088	1.76974	1
cg08399733	0.000211307	0.211673	-4.72426	0.01702	0.482188	-2.07388	0.478878	1.19778	1.19778	0.00019712	0.208337	-4.79991	20.37	20.2752	0.88475	1
cg01559356	0.264352	1.29309	1.29309	0.000598196	0.310305	-3.22264	0.0167281	1.90651	1.90651	0.945618	0.985042	-1.01519	9.99839	7.72953	0.687179	1
cg07595134	0.00654769	0.465744	-2.1471	0.0197987	0.544062	-1.83802	0.750702	0.93337	-1.07139	0.000689175	0.325985	-3.06763	9.39869	6.96602	0.658818	1
cg14337655	0.851466	1.08479	1.08479	0.000334971	0.0811304	-12.3258	0.0598992	0.397839	-2.51358	0.490433	0.737755	-1.35546	8.53758	25.4903	2.65391	1
cg22047338	0.000195644	0.360161	-2.77654	0.837657	1.03401	1.03401	0.00296275	0.514291	-1.94442	0.0911631	0.738354	-1.35436	8.15556	3.433	0.374168	1
cg20973210	0.697164	1.15403	1.15403	0.0107832	0.309325	-3.23285	0.0721091	2.08622	2.08622	0.810922	1.09177	1.09177	6.18672	13.1492	1.88923	1
cg00330929	0.90317	0.967073	-1.03405	0.00127953	0.274752	-3.63965	0.157839	0.660064	-1.51501	0.903815	1.03382	1.03382	6.12711	7.3435	1.06536	1
cg27341866	0.023073	0.628769	-1.59041	0.0256145	1.57269	1.57269	0.0613636	1.43323	1.43323	0.0623549	0.698915	-1.43079	5.99737	2.76957	0.410487	1
cg22007861	0.614087	1.12014	1.12014	0.000773119	0.321245	-3.11289	0.274438	1.28883	1.28883	0.7856	1.06273	1.06273	5.97954	4.71487	0.70089	1
cg26245697	0.910359	1.04789	1.04789	0.0393082	0.371465	-2.69204	0.0461069	0.387072	-2.5835	0.694375	0.848738	-1.17822	5.72291	15.6334	2.42819	1
cg17437218	0.131311	1.4302	1.4302	0.961315	0.989403	-1.01071	0.723547	1.08113	1.08113	0.0122482	0.503894	-1.98454	5.55336	4.24311	0.679166	1
cg07352691	0.294286	1.45664	1.45664	0.273831	0.674524	-1.48253	0.0283043	0.408496	-2.44801	0.220454	1.5612	1.5612	4.53994	8.59696	1.68322	1
cg01985343	0.522889	0.875203	-1.14259	0.0860827	1.47762	1.47762	0.914995	0.97826	-1.02222	0.0397388	0.612947	-1.63146	4.05973	2.72481	0.596604	1
cg26472036	0.699681	0.815104	-1.22684	0.970974	0.980992	-1.01938	0.0139181	0.201409	-4.96503	0.189685	2.08066	2.08066	3.97329	17.5054	3.91623	1
cg10627703	0.99266	1.00543	1.00543	0.13491	0.386957	-2.58427	0.0250988	0.208135	-4.80457	0.0978722	2.91459	2.91459	3.8453	21.1341	4.88541	1
cg00512280	0.249271	1.19452	1.19452	0.000170012	0.389175	-2.56954	0.0516211	0.721095	-1.38678	0.346666	0.866717	-1.15378	13.5922	4.6902	0.306726	1
cg22964303	5.77E-07	0.13585	-7.36105	0.0147206	0.647724	-1.54387	0.000686526	2.11696	2.11696	0.451714	0.895017	-1.1173	49.9267	16.5461	0.294584	1
cg19939660	0.595565	1.07476	1.07476	0.000134489	0.410613	-2.43538	0.992823	0.99879	-1.00121	0.184303	0.827356	-1.20867	9.91295	2.84338	0.254965	1
cg13689560	0.0408638	0.18418	-5.42946	0.00134194	0.0354323	-28.2229	0.00433219	0.0650219	-15.3794	0.00607463	0.0766958	-13.0385	9.27398	75.4603	7.23269	1
cg02010738	0.0622686	0.28592	-3.49748	0.0050432	0.109423	-9.13882	0.013221	0.160063	-6.24754	0.0649882	0.290493	-3.44242	3.63301	20.4779	5.01032	1
cg05273302	0.176669	0.428759	-2.33231	0.0104504	0.149469	-6.69033	0.00410319	0.103269	-9.68348	0.0738325	0.308841	-3.23791	3.60369	19.8434	4.89458	1
cg06543936	3.03E-05	0.298065	-3.35497	0.0606858	0.730629	-1.36868	0.567235	0.917755	-1.08962	0.00400083	0.563237	-1.77545	32.5108	11.3409	0.310076	1
cg27589572	0.000202879	0.40292	-2.48188	0.000816652	2.0878	2.0878	0.0125387	1.57309	1.57309	0.105362	1.29451	1.29451	14.7478	4.97142	0.299641	1
cg12483357	0.148642	0.67679	-1.47756	0.000133022	0.188352	-5.30921	0.0986595	1.5783	1.5783	0.235439	1.36801	1.36801	7.95332	7.99962	0.894063	1
cg11995437	0.00814636	0.276498	-3.61667	0.00390848	0.228927	-4.36821	0.0021413	0.194587	-5.13909	0.0361435	0.396571	-2.52161	7.52208	17.1641	2.02829	1
cg08435340	0.225117	1.24637	1.24637	0.096642	1.37064	1.37064	0.454834	0.876698	-1.14064	0.189728	1.27139	1.27139	5.23843	2.47909	0.420666	1
cg12754733	0.728838	1.04137	1.04137	0.00474535	0.646079	-1.5478	0.959042	0.994036	-1.006	0.107607	1.22695	1.22695	4.43683	0.953349	0.190997	1
cg11974722	0.603007	1.21288	1.21288	0.00275134	0.218787	-4.57066	0.249867	0.642549	-1.5563	0.430016	0.74357	-1.34486	3.44611	7.38392	1.90461	1
cg08267614	0.366135	1.42214	1.42214	?	?	?	0.153751	1.79136	1.79136	0.695009	1.16061	1.16061	15.7268	30.9228	1.72047	1
cg26371368	0.761603	1.02632	1.02632	0.00236458	1.43631	1.43631	0.270511	0.906682	-1.10292	0.788156	1.02326	1.02326	3.76792	0.435097	0.102643	1
cg09328527	0.367375	1.03422	1.03422	7.02E-06	0.696789	-1.43515	0.604427	1.01917	1.01917	0.00101733	1.19372	1.19372	25.0859	0.524647	0.0185902	1
cg25368113	0.7116	0.871722	-1.14715	0.00253634	0.195221	-5.1224	0.174905	1.71282	1.71282	0.141803	1.80428	1.80428	8.07281	17.0832	1.64589	1
cg24028120	0.00361943	0.60978	-1.63994	0.00866185	0.656809	-1.52251	0.0151946	0.687572	-1.45439	0.303888	0.874798	-1.14312	6.97837	1.74401	0.222148	1
cg21912241	0.00157534	1.43442	1.43442	0.430673	1.06602	1.06602	0.0341583	1.21708	1.21708	0.651178	0.964472	-1.03684	5.12415	0.512636	0.0889273	1
cg16889936	0.633077	1.09137	1.09137	0.0554542	1.4838	1.4838	0.0330138	1.57333	1.57333	0.00116061	2.38038	2.38038	4.65757	2.43754	0.4652	1
cg16174234	0.555944	1.16302	1.16302	0.001355	0.307366	-3.25345	0.706906	0.908664	-1.10052	0.323115	1.29535	1.29535	3.40664	3.46878	0.905105	1
cg23059965	0.623052	0.778318	-1.28482	0.000126119	0.034151	-29.2817	0.301484	0.581847	-1.71866	0.0120484	0.205167	-4.87407	10.1004	40.9365	3.60264	1
cg01867155	0.123711	0.835351	-1.1971	0.759123	0.967358	-1.03374	0.000109055	0.479275	-2.08649	0.00254732	0.636504	-1.57108	8.17084	1.50671	0.163912	1
cg14742716	0.348481	1.47225	1.47225	0.00844145	0.259818	-3.84884	0.187198	0.571104	-1.75099	0.0167769	3.22079	3.22079	7.37086	18.7456	2.26063	1
cg24301414	0.824514	1.12447	1.12447	0.000231885	0.0396627	-25.2126	0.0140884	0.201746	-4.95673	0.0189271	0.222826	-4.48781	6.72802	29.7326	3.9282	1
cg22688687	0.0180966	0.302818	-3.30231	0.0169464	0.297607	-3.36014	0.928702	1.03795	1.03795	0.0702872	0.43085	-2.32099	3.72504	10.2169	2.438	1
cg14560835	9.32E-06	0.021335	-46.8714	0.290126	1.55473	1.55473	0.12313	1.95692	1.95692	0.892356	1.05593	1.05593	24.3701	62.3594	2.27453	1
cg09699369	0.0766547	0.414133	-2.41468	0.0264175	0.307762	-3.24926	0.437057	0.701228	-1.42607	0.0192338	0.281436	-3.55321	4.00265	11.2933	2.82145	1
cg05241586	0.00652018	0.612082	-1.63377	9.58E-05	0.381275	-2.62278	0.00854323	0.62754	-1.59352	0.0139392	0.655894	-1.52464	27.8679	8.51084	0.271466	1
cg27477250	0.000327951	0.299736	-3.33627	0.000244284	0.284004	-3.52107	0.871664	1.03414	1.03414	0.00640837	0.478861	-2.08829	23.9072	16.321	0.606827	1
cg12202913	0.0461545	0.532932	-1.87641	0.000156853	0.16832	-5.94106	0.125589	0.633424	-1.57872	0.00467873	0.354959	-2.81722	14.9158	17.9251	1.06823	1
cg14714057	0.810721	1.0323	1.0323	0.632549	1.06591	1.06591	0.971895	1.00468	1.00468	0.0454437	0.737867	-1.35526	6.2106	1.7267	0.247133	1
cg07799434	?	?	?	0.127673	2.14958	2.14958	0.846701	1.0941	1.0941	0.73658	0.854822	-1.16983	4.45008	13.5239	3.03903	1
cg14058359	0.00228696	0.445119	-2.24659	0.280583	1.23723	1.23723	0.9231	1.01849	1.01849	0.069479	1.47019	1.47019	6.08883	3.4739	0.507144	1
cg10248733	0.526929	0.929426	-1.07593	0.124635	0.827124	-1.20901	0.000993306	0.572105	-1.74793	0.721511	1.04171	1.04171	10.5057	2.16862	0.183487	1
cg24841124	0.679265	1.0892	1.0892	0.667807	0.915096	-1.09278	0.902556	1.02549	1.02549	0.53862	0.879901	-1.13649	5.60177	3.74696	0.594568	1
cg08065229	0.0513954	0.387411	-2.58124	0.207352	0.566393	-1.76556	0.0344333	0.348305	-2.87105	0.1529	0.519713	-1.92414	4.73116	13.6966	2.57331	1
cg23158022	0.917188	1.01608	1.01608	0.0028677	1.87588	1.87588	0.656958	0.933748	-1.07095	0.988133	1.00228	1.00228	3.92445	1.4618	0.331099	1
cg04764898	0.00040724	0.35282	-2.83431	1.47E-06	0.103731	-9.64029	0.000349543	2.90392	2.90392	0.00156718	0.430603	-2.32233	38.3832	20.9102	0.484244	1
cg24201224	0.390223	0.861516	-1.16074	0.00212575	0.481419	-2.07719	0.0220897	1.59151	1.59151	1.22E-05	0.209681	-4.76914	20.0219	9.08951	0.403537	1
cg02385167	0.963575	0.991405	-1.00867	0.143542	0.742968	-1.34595	0.0137161	1.77904	1.77904	0.00459987	2.04003	2.04003	14.0893	7.97328	0.503032	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00376316	C19orf45	0.00356621	0.228028	0.790423	-1.26515	0.512667	1.13136	1.13136	0.00697811	0.522757	-1.91294	0.202374	0.778663	-1.28425	0.000643533	0.377785	-2.64701
cg16045347	C19orf45	0.005205	0.000177213	4.6395	4.6395	0.583893	1.14289	1.14289	0.763384	0.929688	-1.07563	0.558841	1.15344	1.15344	0.823703	0.947545	-1.05536
cg21497236	C19orf46	4.94E-06	0.000525866	0.502695	-1.98928	0.526474	1.08513	1.08513	0.107596	0.799677	-1.2505	0.357249	0.88645	-1.12809	8.84E-08	0.106918	-9.35297
cg18059891	C19orf46	0.0316637	0.112369	3.55401	3.55401	0.00387268	17.3614	17.3614	0.0161596	8.6607	8.6607	0.0731642	4.33181	4.33181	0.0643176	4.59465	4.59465
cg25999674	C19orf47	0.00077502	0.899951	1.02419	1.02419	0.0715065	0.682138	-1.46598	0.000442054	0.348387	-2.87037	0.000348465	0.335206	-2.98324	0.00013179	0.283431	-3.5282
cg11432751	C19orf47;PLD3;PLD3	0.0152904	0.000720758	0.638676	-1.56574	0.715474	0.968604	-1.03241	0.581005	0.952586	-1.04977	0.504904	0.942746	-1.06073	0.0322236	0.803678	-1.24428
cg08388939	C19orf47;PLD3;PLD3;PLD3;PLD3	0.0194549	0.475531	0.72671	-1.37606	0.682715	1.1982	1.1982	0.584346	1.27514	1.27514	0.596186	0.790343	-1.26527	0.00843329	0.227626	-4.39317
cg08452062	C19orf47;PLD3;PLD3;PLD3;PLD3	0.0337247	0.0818734	0.379198	-2.63714	0.148219	2.18162	2.18162	0.13075	2.27216	2.27216	0.561847	0.744533	-1.34312	0.00520223	0.156504	-6.38963
cg01534416	C19orf48;C19orf48	0.000269673	2.06E-05	0.0701822	-14.2486	0.0034996	0.294034	-3.40097	0.105768	1.72628	1.72628	0.773884	0.914837	-1.09309	0.447707	0.787332	-1.27011
cg24031331	C19orf48;C19orf48	0.00145641	0.260296	1.1411	1.1411	0.631489	0.947126	-1.05583	0.263293	0.877136	-1.14007	0.073674	1.25125	1.25125	0.197399	1.16553	1.16553
cg11968436	C19orf48;C19orf48	0.0117767	0.861798	0.977045	-1.02349	0.074173	0.767063	-1.30367	0.0175084	1.47019	1.47019	0.000545124	0.48866	-2.04641	0.911796	0.98534	-1.01488
cg14528525	C19orf48;C19orf48	0.0144145	0.0927495	0.530827	-1.88385	0.162509	1.66615	1.66615	0.291409	1.45474	1.45474	0.22355	0.645435	-1.54934	0.17824	1.63188	1.63188
cg00335633	C19orf48;C19orf48	0.0492946	0.0143745	0.673808	-1.4841	0.323429	1.14275	1.14275	0.999465	1.00009	1.00009	0.360259	1.13096	1.13096	0.791266	0.965889	-1.03532
cg26171469	C19orf48;C19orf48;SNORD88C	0.0216187	0.116543	1.33098	1.33098	0.0206282	1.59584	1.59584	0.545112	1.10813	1.10813	0.802875	0.958932	-1.04283	0.0390973	0.670093	-1.49233
cg12295053	C19orf48;SNORD88A;C19orf48;SNORD88B	0.00375784	0.016113	0.453986	-2.20271	0.193977	0.691726	-1.44566	0.0170235	0.458268	-2.18213	0.00670077	0.389396	-2.56808	0.0409155	0.531094	-1.88291
cg19738490	C19orf48;SNORD88B;C19orf48	0.0171833	0.554946	0.873868	-1.14434	0.00329359	0.404935	-2.46953	0.980323	1.00558	1.00558	0.00380402	0.414265	-2.41391	0.0982378	0.664003	-1.50602
cg26377557	C19orf50	0.0012095	0.763686	1.04222	1.04222	0.404613	0.889623	-1.12407	0.00949433	0.637182	-1.56941	0.0389653	0.720516	-1.38789	0.00222187	0.555561	-1.79998
cg07790680	C19orf50	0.00579167	0.100061	0.585285	-1.70857	0.00918051	0.374041	-2.6735	0.942171	0.978665	-1.0218	0.0983958	0.583446	-1.71396	0.00110034	0.239205	-4.18052
cg04395930	C19orf50	0.00741496	0.0123906	0.396243	-2.5237	0.444447	0.793081	-1.26091	0.103663	0.589069	-1.69759	0.532068	1.20709	1.20709	0.00108143	0.238127	-4.19944
cg07625430	C19orf50	0.0220025	0.0361212	0.278677	-3.58838	0.0405725	0.289437	-3.45499	0.052294	0.314368	-3.18098	0.0100918	0.182335	-5.4844	0.0157145	0.2118	-4.72144
cg27482605	C19orf51	5.60E-05	0.0413922	0.622292	-1.60696	0.00067194	2.85465	2.85465	0.223805	1.29396	1.29396	0.680508	1.08707	1.08707	0.100814	0.696003	-1.43677
cg14786125	C19orf51	0.000255449	0.0541659	1.35172	1.35172	7.65E-05	0.372094	-2.68749	0.00222811	0.553925	-1.8053	0.185876	0.824124	-1.21341	0.00101431	0.510523	-1.95878
cg24946544	C19orf51	0.00110711	0.727157	0.930359	-1.07485	0.0153436	1.84637	1.84637	6.14E-05	4.58889	4.58889	0.93147	1.01788	1.01788	0.819466	0.953983	-1.04824
cg08593074	C19orf51	0.0027015	2.74E-05	4.65363	4.65363	0.120922	1.36705	1.36705	0.971725	1.00661	1.00661	0.87879	1.02878	1.02878	0.665294	1.08428	1.08428
cg23956238	C19orf51	0.00910053	0.398776	1.18591	1.18591	0.85319	0.964097	-1.03724	0.0680118	1.49692	1.49692	0.444894	1.16616	1.16616	0.736553	0.935527	-1.06892
cg13710557	C19orf51	0.013577	0.00127488	0.230661	-4.33537	0.0215324	0.422408	-2.36738	0.0240988	0.431853	-2.3156	0.807818	1.07904	1.07904	0.224722	0.671615	-1.48895
cg25360929	C19orf51	0.0295365	0.860705	1.02552	1.02552	0.950859	0.991196	-1.00888	0.335281	1.15324	1.15324	0.191165	0.819889	-1.21968	0.88505	0.979457	-1.02097
cg18417954	C19orf51	0.0483286	0.554692	1.71726	1.71726	0.671936	1.4703	1.4703	0.0405287	8.50438	8.50438	0.27496	2.79502	2.79502	0.264644	0.349211	-2.8636
cg11375547	C19orf51;TNNI3	0.000932762	0.0581578	0.653851	-1.5294	0.700156	0.926088	-1.07981	0.000257973	0.303186	-3.29831	0.213495	0.771102	-1.29685	0.807467	0.952708	-1.04964
cg01397912	C19orf51;TNNI3	0.0180153	0.0104758	0.173594	-5.76057	0.0374215	0.26913	-3.71568	0.0866821	0.357573	-2.79663	0.68991	0.804156	-1.24354	0.237059	0.510051	-1.96059
cg15622551	C19orf52;YIPF2	0.0322007	0.334737	0.823834	-1.21384	0.0357452	1.60962	1.60962	0.0441392	1.56903	1.56903	0.212605	0.774356	-1.2914	0.252546	0.792304	-1.26214
cg18886719	C19orf53	0.0120245	0.691732	1.0864	1.0864	0.0218044	1.77258	1.77258	0.242905	0.775606	-1.28931	0.941788	1.0153	1.0153	0.381596	1.20515	1.20515
cg09254823	C19orf53	0.0126575	0.514156	1.23704	1.23704	0.27499	1.44079	1.44079	0.541378	1.21993	1.21993	0.134437	0.595141	-1.68027	0.0394773	0.464938	-2.15082
cg21192260	C19orf53;MRI1;MRI1	0.00253476	0.00371818	0.311984	-3.2053	0.491786	0.812588	-1.23064	0.00148805	0.256192	-3.90332	0.0695565	0.547001	-1.82815	0.000500866	0.198332	-5.04206
cg14029117	C19orf54	0.0274179	0.236884	0.635198	-1.57431	0.00568332	0.264895	-3.77508	0.128604	1.82479	1.82479	0.35445	1.41745	1.41745	0.0688774	0.474466	-2.10763
cg14004673	C19orf54;SNRPA	0.019575	?	?	?	0.058425	0.36392	-2.74786	0.850414	0.925505	-1.08049	?	?	?	0.00541194	8.23087	8.23087
cg05508168	C19orf54;SNRPA	0.0308169	0.118763	0.54821	-1.82412	0.0649776	2.08675	2.08675	0.29787	1.46679	1.46679	0.00277844	0.231275	-4.32385	0.951467	1.02184	1.02184
cg13769964	C19orf54;SNRPA;SNRPA	0.00108925	0.397071	0.906821	-1.10275	0.0193349	0.72683	-1.37584	0.239846	0.870386	-1.14891	0.608847	0.943447	-1.05994	0.1102	0.821716	-1.21697
cg27580050	C19orf55;HSPB6	0.0253077	0.112608	0.801475	-1.2477	0.879397	0.980733	-1.01965	0.477738	0.911662	-1.0969	0.166566	0.827801	-1.20802	0.684439	0.948993	-1.05375
cg10699731	C19orf56;MORG1;MORG1;MORG1	9.37E-05	0.811191	1.02483	1.02483	0.000340922	1.8065	1.8065	0.0311235	1.29604	1.29604	0.0555109	1.24912	1.24912	0.195381	0.869036	-1.1507
cg12078933	C19orf56;MORG1;MORG1;MORG1	0.0196061	0.0610693	0.437233	-2.28711	0.169821	0.563779	-1.77375	0.0784872	0.464871	-2.15114	0.0032935	4.80318	4.80318	0.0922336	0.483673	-2.06751
cg19191883	C19orf56;MORG1;MORG1;MORG1;C19orf56	0.00074301	0.392096	0.949131	-1.0536	0.10455	1.11143	1.11143	0.0153645	1.1938	1.1938	0.737486	1.02023	1.02023	0.0231585	1.17546	1.17546
cg27284398	C19orf57	0.000350669	0.000855019	0.428434	-2.33408	0.0178598	1.6277	1.6277	0.162486	0.776993	-1.28701	0.120351	1.32989	1.32989	0.00391111	0.51831	-1.92935
cg14269716	C19orf57;CC2D1A	6.76E-07	3.76E-05	0.410143	-2.43817	2.97E-07	0.184071	-5.4327	5.79E-06	0.317158	-3.153	4.49E-06	3.2798	3.2798	4.94E-06	0.309472	-3.23131
cg21517055	C19orf57;CC2D1A	0.00465379	0.00156705	0.216357	-4.62198	0.0837823	0.52477	-1.9056	0.232782	0.655992	-1.52441	0.000909491	5.32002	5.32002	0.14815	0.592907	-1.68661
cg07094853	C19orf57;CC2D1A	0.0170465	0.00175628	0.462809	-2.16072	0.0302958	0.643968	-1.55287	0.716051	0.938821	-1.06517	0.0372422	1.51874	1.51874	0.113171	0.742348	-1.34708
cg15572692	C19orf57;CC2D1A	0.0378623	0.811067	0.963142	-1.03827	0.508345	1.11096	1.11096	0.0895192	0.745602	-1.3412	0.549621	0.909432	-1.09959	0.218857	1.22482	1.22482
cg03470073	C19orf59	8.27E-05	0.261952	1.35138	1.35138	0.222737	0.719044	-1.39074	0.645249	0.887511	-1.12675	6.16E-05	0.149218	-6.70163	0.81334	0.940926	-1.06278
cg18732541	C19orf59	9.90E-05	0.0297362	1.88285	1.88285	0.000970429	3.36822	3.36822	0.0456293	0.567291	-1.76276	0.0217733	0.506045	-1.97611	1.70E-05	0.112779	-8.86687
cg21739164	C19orf59	0.000169034	0.320451	1.18999	1.18999	0.000719351	0.418068	-2.39195	0.000599868	0.407762	-2.45241	0.0224341	1.58948	1.58948	2.88E-05	0.248616	-4.02227
cg07723365	C19orf59	0.00141595	0.000443911	0.100652	-9.9352	0.281807	0.629259	-1.58917	0.422047	0.712021	-1.40445	0.00347719	0.193513	-5.16762	0.000164632	0.0699345	-14.2991
cg17661462	C19orf59	0.00201067	0.0113305	0.280237	-3.56841	0.506024	0.762834	-1.3109	0.00204338	0.174852	-5.71911	0.425254	0.721326	-1.38634	0.0109752	0.277921	-3.59814
cg01556075	C19orf59	0.0055773	0.00446519	0.0950194	-10.5242	0.00165326	0.06112	-16.3613	0.0111286	0.138719	-7.20882	0.0256547	0.192976	-5.18198	0.00509761	0.100524	-9.94791
cg25234359	C19orf60;C19orf60	8.61E-05	4.07E-05	0.259615	-3.85185	0.000506033	0.392209	-2.54966	0.00179539	0.465343	-2.14895	0.600571	1.09525	1.09525	2.53E-05	0.236905	-4.22111
cg15428479	C19orf60;C19orf60	0.000150695	1.84E-06	0.173749	-5.75543	0.253972	0.838864	-1.19209	0.051941	0.721676	-1.38566	0.426183	1.12733	1.12733	0.00144565	0.507108	-1.97196
cg19342159	C19orf60;C19orf60	0.000519342	0.106802	0.639952	-1.56262	0.179516	0.696686	-1.43537	0.888151	1.03632	1.03632	0.175687	1.44055	1.44055	0.416046	0.809994	-1.23458
cg00667525	C19orf60;C19orf60	0.00060972	5.46E-05	0.215805	-4.6338	0.498845	0.869317	-1.15033	0.0668412	0.657629	-1.52062	0.0584629	1.54668	1.54668	0.000570978	0.336817	-2.96897
cg08615372	C19orf60;C19orf60	0.00396897	0.00192786	0.28986	-3.44994	0.00256165	0.307257	-3.25461	0.0574589	0.545412	-1.83348	0.639079	1.14256	1.14256	0.00326795	0.322646	-3.09937
cg15007983	C19orf60;C19orf60	0.00407952	0.00155315	0.146814	-6.81134	0.231455	0.589033	-1.6977	0.213052	0.575227	-1.73844	0.196349	1.77908	1.77908	0.00266239	0.173401	-5.76699
cg22038059	C19orf60;C19orf60	0.00822184	0.0144085	0.476734	-2.0976	0.00391697	0.385314	-2.59528	0.041875	0.562123	-1.77897	0.106707	1.54129	1.54129	0.153309	0.686893	-1.45583
cg07549681	C19orf60;C19orf60	0.00835272	0.0126345	0.657023	-1.52202	0.000398558	0.466038	-2.14575	0.467548	0.904705	-1.10533	0.325888	0.871601	-1.14731	0.0113502	0.650882	-1.53638
cg21977234	C19orf60;C19orf60	0.0138775	0.203831	0.547736	-1.8257	0.626789	1.24601	1.24601	0.000782252	9.77743	9.77743	0.0267729	3.24705	3.24705	0.123778	0.473222	-2.11317
cg07849805	C19orf60;C19orf60	0.030495	0.0702163	0.760983	-1.31409	0.458098	0.903058	-1.10735	0.0464193	0.735016	-1.36051	0.890343	1.01879	1.01879	0.636484	1.06636	1.06636
cg24906410	C19orf61	6.10E-05	0.227219	1.22544	1.22544	0.000247379	2.63918	2.63918	0.00307682	0.522149	-1.91516	0.967279	0.993443	-1.0066	0.000720027	0.438117	-2.28249
cg14706720	C19orf61	0.000642658	0.0454204	0.544514	-1.8365	0.20531	1.42472	1.42472	0.931468	1.02305	1.02305	0.166101	0.676249	-1.47874	7.65E-06	0.074018	-13.5102
cg23525514	C19orf61	0.0109901	0.0263558	4.00223	4.00223	0.0805532	0.364406	-2.74419	0.966466	0.978685	-1.02178	0.74981	0.848705	-1.17827	0.018922	0.222695	-4.49044
cg21618929	C19orf61	0.0409778	0.0592837	1.47658	1.47658	0.0934333	1.40175	1.40175	0.0170165	1.70333	1.70333	0.151933	1.32438	1.32438	0.100291	1.39035	1.39035
cg18788945	C19orf62;C19orf62	0.00324149	0.716014	1.02053	1.02053	0.000961786	0.760729	-1.31453	0.257447	0.936378	-1.06794	0.00314284	1.25176	1.25176	0.704487	1.02142	1.02142
cg21956434	C19orf62;C19orf62	0.0059465	0.455178	0.758567	-1.31827	0.013152	3.05534	3.05534	0.162376	1.71919	1.71919	0.143824	1.76915	1.76915	0.337193	0.698067	-1.43253
cg26823353	C19orf62;C19orf62	0.0283676	0.051649	0.644076	-1.55261	0.00589335	0.488871	-2.04553	0.196165	0.762252	-1.3119	0.61122	1.10719	1.10719	0.14905	0.735397	-1.35981
cg03170171	C19orf62;C19orf62	0.0369438	0.38936	0.890877	-1.12249	0.137325	1.23322	1.23322	0.777467	0.963565	-1.03781	0.491814	0.9126	-1.09577	0.0169708	0.68292	-1.4643
cg23211358	C19orf62;C19orf62;C19orf62;C19orf62	0.0105706	0.0918854	2.07735	2.07735	0.865054	0.936106	-1.06825	0.00387954	0.20497	-4.87877	0.455822	0.744072	-1.34396	0.115533	0.51033	-1.95952
cg07469949	C19orf62;C19orf62;C19orf62;C19orf62	0.0488377	0.0461591	0.521667	-1.91693	0.00521485	0.349998	-2.85716	0.759582	0.916287	-1.09136	0.998195	0.999356	-1.00064	0.0164194	0.433772	-2.30536
cg25535897	C19orf63;C19orf63	0.00630063	0.00603647	0.56343	-1.77484	0.192813	0.802155	-1.24664	0.00456905	0.54661	-1.82946	0.859958	0.972149	-1.02865	0.109909	0.756751	-1.32144
cg09286787	C19orf63;C19orf63;FAM71E1	0.000954407	0.116403	0.723932	-1.38135	0.000975017	0.394961	-2.5319	0.0689421	0.680175	-1.47021	0.853943	0.965707	-1.03551	0.255981	0.798888	-1.25174
cg07482574	C19orf63;C19orf63;FAM71E1	0.000956767	0.257322	1.28875	1.28875	0.0189485	0.543493	-1.83995	0.0382043	0.597221	-1.67442	0.166629	1.37224	1.37224	0.00102961	0.352178	-2.83948
cg21277505	C19orf63;C19orf63;FAM71E1	0.00851297	0.0136276	0.352476	-2.83707	0.937498	1.02716	1.02716	0.12819	0.570109	-1.75405	0.672057	1.15661	1.15661	0.00348987	0.258137	-3.87391
cg15783272	C19orf63;FAM71E1;C19orf63	0.00929819	0.00283155	0.555778	-1.79928	0.414201	0.887576	-1.12666	0.0502583	1.3756	1.3756	0.0443955	1.39082	1.39082	0.747906	0.95497	-1.04715
cg03214303	C19orf66	0.000509763	0.0940945	0.747822	-1.33722	0.000398939	0.41084	-2.43404	0.000872042	0.454599	-2.19974	0.134271	0.774977	-1.29036	2.74E-05	0.271117	-3.68844
cg18304696	C19orf66	0.000535317	0.000159456	0.174417	-5.73339	0.00456741	0.359886	-2.77866	0.036823	0.518795	-1.92754	0.752072	1.08955	1.08955	0.000105759	0.156831	-6.37629
cg06795069	C19orf66	0.0496303	0.116345	0.693928	-1.44107	0.00165781	2.6216	2.6216	0.75805	0.93598	-1.0684	0.216335	0.756854	-1.32126	0.704312	0.921601	-1.08507
cg17477818	C19orf66;ANGPTL6	0.00496645	0.887145	0.975463	-1.02515	0.000989528	0.400713	-2.49555	0.00720498	0.531347	-1.88201	0.72539	1.06368	1.06368	0.00184526	0.440626	-2.2695
cg04556039	C19orf69	0.00327825	0.106685	0.524332	-1.90719	0.00455007	0.250271	-3.99567	0.0655262	0.468776	-2.13321	0.057222	0.454518	-2.20013	0.00189985	0.199332	-5.01677
cg00016892	C19orf69	0.00489003	0.0832076	1.56156	1.56156	0.167056	1.40819	1.40819	0.0636439	0.615974	-1.62344	0.00173728	0.354209	-2.82319	0.0130248	0.488738	-2.04609
cg03953069	C19orf69	0.0230623	0.0590793	2.08907	2.08907	0.049618	0.461077	-2.16883	0.173089	0.605869	-1.65052	0.0204861	0.380941	-2.62508	0.078002	0.508197	-1.96774
cg24187961	C19orf69	0.0236762	0.304309	0.496065	-2.01586	0.00669308	0.0984741	-10.155	0.0233532	0.167696	-5.96318	0.725085	1.26197	1.26197	0.00151131	0.0492093	-20.3214
cg13353879	C19orf6;C19orf6	1.67E-05	0.0602629	0.738148	-1.35474	0.78756	0.96204	-1.03946	0.730216	0.951613	-1.05085	0.0361048	0.705245	-1.41795	4.58E-07	0.130445	-7.66606
cg09516958	C19orf6;C19orf6	8.88E-05	5.65E-06	0.270837	-3.69226	0.418671	0.899898	-1.11124	0.0704101	1.29448	1.29448	0.69285	0.950592	-1.05198	3.05E-05	0.353428	-2.82943
cg03080478	C19orf6;C19orf6	0.000238816	0.435306	1.23738	1.23738	0.583826	1.15955	1.15955	0.625027	1.14089	1.14089	0.639778	1.13443	1.13443	1.20E-05	0.0840884	-11.8922
cg24782146	C19orf6;C19orf6	0.00348382	0.000290913	0.149935	-6.66954	0.879879	0.95259	-1.04977	0.288102	1.42507	1.42507	0.00776621	0.33355	-2.99805	0.341594	1.36991	1.36991
cg22584582	C19orf6;C19orf6	0.00751353	0.620619	1.13635	1.13635	0.374714	1.26289	1.26289	0.0343964	0.531464	-1.8816	0.85475	1.04806	1.04806	0.000292422	0.220399	-4.53722
cg07207742	C19orf6;C19orf6	0.0121317	0.935445	1.01671	1.01671	0.248261	0.781242	-1.28001	0.513837	0.87335	-1.14502	0.610579	1.11076	1.11076	0.000669641	0.344883	-2.89954
cg06651299	C19orf6;C19orf6	0.0186878	0.0382029	1.73918	1.73918	0.0627993	1.61977	1.61977	0.531091	0.864015	-1.15739	0.455254	0.839282	-1.19149	0.103306	0.663328	-1.50755
cg00313722	C19orf6;C19orf6	0.0249015	0.0901087	1.48042	1.48042	0.0175675	1.83473	1.83473	0.0206588	1.79561	1.79561	0.030295	1.70726	1.70726	0.0606432	0.641297	-1.55934
cg13770691	C19orf6;C19orf6	0.0285852	0.99117	1.00217	1.00217	0.581405	0.896858	-1.115	0.241394	1.2709	1.2709	0.714729	0.930752	-1.0744	0.292538	0.807772	-1.23797
cg07737179	C19orf70	0.00657158	0.687732	0.840797	-1.18935	0.00116272	0.129132	-7.74399	0.353806	0.664031	-1.50595	0.969632	1.01647	1.01647	0.000287457	0.0788642	-12.68
cg17344770	C19orf71	0.013067	0.0983928	1.39116	1.39116	0.00738455	1.87522	1.87522	0.00923138	1.82554	1.82554	0.387945	1.17488	1.17488	0.761602	1.05698	1.05698
cg10837482	C19orf71;C19orf28;C19orf28	0.0126907	0.464119	0.880002	-1.13636	0.418863	1.15224	1.15224	0.599131	0.913019	-1.09527	0.1652	0.77572	-1.28912	0.000428602	0.384333	-2.60191
cg21536992	C19orf73;PPFIA3	0.0103574	0.139214	0.813613	-1.22909	0.315169	0.874055	-1.14409	0.0867455	0.782555	-1.27787	0.294878	0.868664	-1.15119	0.000345033	0.474048	-2.10949
cg04749993	C19orf73;PPFIA3;C19orf73	0.0152327	0.0378514	0.647886	-1.54348	0.935491	1.0147	1.0147	0.0197455	0.602005	-1.66111	0.895342	0.976556	-1.02401	0.684185	1.0765	1.0765
cg21639436	C19orf75	0.000210302	9.23E-06	0.103889	-9.62565	0.216851	1.35936	1.35936	0.365541	1.24565	1.24565	0.00790657	0.447142	-2.23643	0.000871375	0.307283	-3.25433
cg22940961	C19orf75	0.0102608	0.000509515	0.0948088	-10.5475	0.818137	1.10512	1.10512	0.00386789	0.184754	-5.4126	0.976764	0.987441	-1.01272	0.0595297	0.39737	-2.51655
cg12559228	C19orf76	0.00541936	0.0196019	0.608288	-1.64396	0.055275	1.46669	1.46669	0.0722733	1.42418	1.42418	0.0608732	1.45127	1.45127	0.00768946	0.546756	-1.82897
cg26554406	C19orf76;CPT1C;CPT1C	0.00422538	0.022781	2.44954	2.44954	0.860833	1.05767	1.05767	0.000107357	11.0625	11.0625	0.217751	1.5181	1.5181	0.507155	0.806179	-1.24042
cg23668335	C19orf76;PRMT1;PRMT1;PRMT1	0.0438309	0.186505	0.537983	-1.85879	0.0120656	0.250156	-3.9975	0.639254	0.811398	-1.23244	0.492155	1.36183	1.36183	0.0225048	0.29825	-3.35289
cg19309676	C19orf76;PRMT1;PRMT1;PRMT1	0.0450943	0.175772	0.775298	-1.28983	0.0300622	1.57001	1.57001	0.675228	1.07734	1.07734	0.432389	0.867923	-1.15218	0.00509806	0.519768	-1.92394
cg22105158	C19orf77	0.000798477	0.174137	0.722307	-1.38445	0.1779	1.38007	1.38007	0.0348421	0.574984	-1.73918	0.0120492	2.02287	2.02287	0.026621	0.553655	-1.80618
cg06666376	C19orf77	0.000938348	0.0473953	1.71537	1.71537	0.0151	2.03473	2.03473	0.721948	1.08872	1.08872	0.0457236	1.72449	1.72449	0.0268769	1.86575	1.86575
cg13389652	C19orf77	0.00719629	0.0109016	3.04234	3.04234	0.000283038	7.88694	7.88694	0.196991	1.60778	1.60778	0.176208	1.64972	1.64972	0.171389	1.66024	1.66024
cg02415125	C19orf77	0.00820162	0.00534338	0.0876103	-11.4142	0.117515	0.323653	-3.08973	0.00914525	0.111155	-8.99641	0.643617	1.36226	1.36226	0.00620463	0.0936843	-10.6742
cg17223846	C19orf77	0.00974332	0.209182	0.759969	-1.31584	0.0621512	0.64699	-1.54562	0.112621	0.698989	-1.43064	0.362816	1.21402	1.21402	0.823055	0.954621	-1.04754
cg04257377	C19orf77	0.00995715	0.220798	1.27387	1.27387	0.000732298	2.62533	2.62533	0.400613	0.850616	-1.17562	0.0885222	1.42385	1.42385	0.0890413	1.42287	1.42287
cg15148078	C19orf77	0.013491	0.173356	1.53222	1.53222	0.13607	1.60498	1.60498	0.349745	0.753128	-1.3278	0.146059	1.58351	1.58351	0.0186472	0.431726	-2.31629
cg14896559	C19orf77	0.0213577	0.0443508	2.83	2.83	0.0121436	4.08801	4.08801	0.135349	2.06479	2.06479	0.17248	1.9233	1.9233	0.974459	0.985683	-1.01452
cg05344495	C19orf77	0.029059	0.374908	0.444886	-2.24777	0.392283	2.18024	2.18024	0.219218	3.1553	3.1553	0.263646	2.81877	2.81877	0.00184602	0.0196046	-51.0084
cg18795569	C19orf77;C19orf77	0.0182729	0.259583	1.51985	1.51985	0.0457909	2.25915	2.25915	0.492318	1.28174	1.28174	0.928295	1.03256	1.03256	0.286252	0.674232	-1.48317
cg22073507	C1D;C1D	0.00333771	0.0393051	0.638628	-1.56586	0.00498286	0.497079	-2.01175	0.00822276	0.52953	-1.88847	0.0163472	0.575791	-1.73674	0.000204688	0.310296	-3.22272
cg09286061	C1D;C1D	0.00447167	0.704484	1.23412	1.23412	0.00385681	8.58009	8.58009	0.0204646	4.67308	4.67308	0.672406	0.79073	-1.26465	0.740133	0.832139	-1.20172
cg03169147	C1D;C1D	0.00510189	0.668977	1.15062	1.15062	0.010019	2.88776	2.88776	0.0218784	2.45299	2.45299	0.163696	0.615789	-1.62393	0.337323	0.724206	-1.38082
cg03138124	C1D;C1D	0.0101622	0.206639	0.580794	-1.72178	0.0475594	0.396747	-2.5205	0.0163121	0.301797	-3.31349	0.275755	0.62969	-1.58808	0.0127773	0.283131	-3.53193
cg01848660	C1D;C1D	0.0193573	0.00333891	0.279264	-3.58085	0.0200382	0.408141	-2.45013	0.00672109	0.325489	-3.0723	0.169634	1.59552	1.59552	0.677144	0.874838	-1.14307
cg04415014	C1D;C1D	0.0376444	0.208797	0.684566	-1.46078	0.00369285	0.325532	-3.0719	0.0647399	0.552466	-1.81006	0.0119727	0.407899	-2.45159	0.0216477	0.454443	-2.2005
cg13109289	C1GALT1	0.00103933	0.965795	1.00836	1.00836	0.0516201	0.650557	-1.53714	0.00282035	0.45005	-2.22198	0.11321	0.715666	-1.3973	0.00015335	0.283788	-3.52376
cg11193034	C1GALT1	0.001183	0.014839	0.880205	-1.1361	0.851264	0.99204	-1.00802	0.00733127	1.15855	1.15855	0.000232777	1.29689	1.29689	0.0061078	1.16459	1.16459
cg19473623	C1GALT1	0.0132358	0.025412	0.366132	-2.73125	0.00173155	0.184503	-5.41996	0.0320239	0.386709	-2.58593	0.133478	0.542178	-1.84441	0.0112234	0.300717	-3.32539
cg03127222	C1GALT1	0.0159635	0.549297	1.09817	1.09817	0.127765	1.2898	1.2898	0.0114612	1.63054	1.63054	0.0100639	0.605328	-1.652	0.00766076	1.69848	1.69848
cg18912981	C1GALT1	0.016296	0.152057	0.823196	-1.21478	0.00314103	1.66854	1.66854	0.0289661	1.38607	1.38607	0.64479	1.06063	1.06063	0.127179	0.81126	-1.23265
cg12917058	C1GALT1	0.0272492	0.0491294	2.21519	2.21519	0.0904214	0.516493	-1.93613	0.0281605	0.399321	-2.50425	0.118268	0.548496	-1.82317	0.907103	0.959504	-1.04221
cg12647952	C1GALT1	0.0276911	0.0266418	0.322682	-3.09903	0.944366	0.970399	-1.0305	0.7592	0.876009	-1.14154	0.408668	0.694992	-1.43887	0.00217585	0.156964	-6.37087
cg24854292	C1GALT1	0.0346469	0.901524	1.01344	1.01344	0.010544	0.706824	-1.41478	0.456464	0.921471	-1.08522	0.0498801	0.7857	-1.27275	0.243793	1.14055	1.14055
cg21601364	C1GALT1C1;C1GALT1C1	0.000431074	0.000210369	0.364871	-2.74069	0.0522458	0.698271	-1.43211	0.0205951	0.635292	-1.57408	0.0112498	0.596562	-1.67627	0.00100612	0.451994	-2.21242
cg13015740	C1GALT1C1;C1GALT1C1	0.0423864	0.453136	0.7769	-1.28717	0.00612721	0.30682	-3.25924	0.0247585	0.413567	-2.41799	0.538902	1.22814	1.22814	0.0219291	0.403275	-2.4797
cg06918955	C1GALT1C1;C1GALT1C1	0.0461453	0.146583	0.441865	-2.26313	0.00674885	0.158678	-6.30207	0.0559052	0.321352	-3.11186	0.0414108	0.291443	-3.4312	0.0262145	0.250997	-3.98412
cg15520863	C1GALT1C1;C1GALT1C1;C1GALT1C1;C1GALT1C1	0.0146594	0.507473	1.16319	1.16319	0.279412	0.776617	-1.28764	0.578037	1.13465	1.13465	0.444373	1.19159	1.19159	0.0581123	0.617869	-1.61847
cg24677002	C1QA	4.94E-05	0.00528469	0.364596	-2.74277	8.17E-06	0.0690124	-14.4901	7.64E-05	0.139796	-7.15327	0.152571	1.52265	1.52265	8.85E-05	0.145615	-6.86743
cg00108454	C1QA	5.73E-05	0.00177228	0.64477	-1.55094	0.394305	1.08983	1.08983	0.0035763	0.677699	-1.47558	0.0324299	0.781228	-1.28004	0.000423975	0.576701	-1.734
cg20676350	C1QA	0.000254891	0.447023	0.94506	-1.05813	0.00890546	0.777591	-1.28602	0.000129292	0.587922	-1.70091	0.241395	1.09393	1.09393	0.967831	0.997073	-1.00294

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00376316	0.0248752	0.608785	-1.64261	0.00765924	0.528813	-1.89103	0.100189	1.39764	1.39764	0.0031108	0.47155	-2.12067	8.12807	4.44758	0.486389	1
cg16045347	0.57021	1.14861	1.14861	0.0146851	0.484156	-2.06545	0.0618936	0.601876	-1.66147	0.538321	0.860319	-1.16236	7.24902	6.69464	0.82091	1
cg21497236	1.47E-05	0.317809	-3.14654	0.000114661	0.422529	-2.3667	0.66778	0.946517	-1.0565	0.00547691	0.628145	-1.59199	48.6917	12.4972	0.228143	1
cg18059891	0.09739	3.79797	3.79797	0.0163808	8.60583	8.60583	0.0274542	6.77631	6.77631	0.125939	3.3695	3.3695	4.009	34.172	7.57673	1
cg25999674	0.00204579	0.437808	-2.28411	0.534413	0.887284	-1.12703	0.529867	0.886071	-1.12858	0.857559	1.03474	1.03474	12.6444	7.2343	0.508563	1
cg11432751	0.45553	0.935917	-1.06847	0.0105803	0.755647	-1.32337	0.209747	1.12208	1.12208	0.678271	1.03702	1.03702	5.14792	0.619064	0.106893	1
cg08388939	0.102768	0.455943	-2.19326	0.45019	1.40287	1.40287	0.000948476	0.11441	-8.74053	0.682866	1.19809	1.19809	4.74888	14.5589	2.72512	1
cg08452062	0.51857	0.71953	-1.3898	0.131212	2.26958	2.26958	0.048187	0.32121	-3.11323	0.832147	0.898751	-1.11266	3.9193	15.702	3.56117	1
cg01534416	0.77183	0.914072	-1.09401	0.00223393	0.266332	-3.75472	0.000899302	4.64379	4.64379	0.358536	0.746965	-1.33875	16.9364	25.6112	1.34418	1
cg24031331	0.02345	1.35568	1.35568	5.40E-05	0.429077	-2.33058	0.0152126	0.71525	-1.39811	0.482654	0.922925	-1.08351	10.5689	2.11517	0.177895	1
cg11968436	0.879932	0.980056	-1.02035	0.528507	1.08883	1.08883	0.234546	0.846988	-1.18065	0.420533	1.11592	1.11592	5.60755	1.57752	0.250062	1
cg14528525	0.00995682	0.328099	-3.04786	0.491613	0.787287	-1.27018	0.0029948	4.03051	4.03051	0.173705	1.6414	1.6414	5.24924	9.74549	1.65027	1
cg00335633	0.664828	1.05869	1.05869	0.575083	0.928573	-1.07692	0.0253474	1.41595	1.41595	0.0185012	1.4532	1.4532	3.40646	0.923599	0.241006	1
cg26171469	0.257573	0.820301	-1.21906	0.0652662	0.706831	-1.41477	0.00626848	0.5504	-1.81686	0.262057	0.821954	-1.21661	4.58131	2.03953	0.39572	1
cg12295053	0.0484704	0.546296	-1.83051	8.40E-05	0.150006	-6.66641	0.238215	0.717971	-1.39281	0.0871589	0.602565	-1.65957	8.00144	9.1148	1.01257	1
cg19738490	0.0400874	0.585306	-1.70851	0.0780941	0.642759	-1.55579	0.146977	1.42108	1.42108	0.824309	1.05148	1.05148	4.95168	3.99784	0.717661	1
cg26377557	0.0062371	0.613281	-1.63057	3.23E-05	0.329951	-3.03075	0.0365384	0.716575	-1.39553	0.0433047	0.727028	-1.37546	11.1467	3.32087	0.264822	1
cg07790680	0.001877	0.269649	-3.70853	0.0193197	0.431266	-2.31875	0.0209423	0.437848	-2.2839	0.00497379	0.331115	-3.0201	7.01519	9.81788	1.24402	1
cg04395930	0.00824231	0.366096	-2.73153	0.00209091	0.27594	-3.62397	0.386222	0.767862	-1.30232	0.0453167	0.505196	-1.97943	6.49717	9.09965	1.24494	1
cg07625430	0.0949347	0.382088	-2.6172	0.420655	0.649648	-1.5393	0.730686	0.834306	-1.1986	0.0023356	0.107762	-9.2797	4.55376	19.8238	3.86958	1
cg27482605	0.016108	0.552234	-1.81083	0.0205308	0.56964	-1.7555	2.09E-06	10.519	10.519	0.0182541	0.561161	-1.78202	25.8379	16.6389	0.572419	1
cg14786125	0.406074	1.12436	1.12436	0.000665753	0.487519	-2.0512	0.000543901	0.476529	-2.09851	0.000911157	0.504649	-1.98157	17.1887	5.1774	0.267742	1
cg24946544	0.785039	0.945216	-1.05796	0.00485632	2.15888	2.15888	0.000504545	3.06618	3.06618	0.103529	1.44325	1.44325	11.4313	7.68831	0.597838	1
cg08593074	0.432566	1.16055	1.16055	0.555276	0.895012	-1.1173	0.20044	1.28584	1.28584	0.573878	0.899756	-1.11141	8.82795	4.83201	0.486537	1
cg23956238	0.788566	1.05449	1.05449	0.0655966	0.665078	-1.50358	0.000195746	3.44278	3.44278	0.770178	0.943819	-1.05952	6.09086	3.75814	0.548456	1
cg13710557	0.00466341	0.308998	-3.23627	0.863404	1.05522	1.05522	0.657214	0.869868	-1.1496	0.0629998	0.520554	-1.92103	5.35353	8.26174	1.37176	1
cg25360929	0.284125	0.852433	-1.17311	0.0102635	0.628631	-1.59076	0.00381488	1.75026	1.75026	0.222235	0.831881	-1.2021	4.10947	1.34002	0.289849	1
cg18417954	0.132359	0.230022	-4.34741	0.130389	4.38543	4.38543	0.00862359	20.7147	20.7147	0.0440901	8.11113	8.11113	3.4321	44.512	11.5283	1
cg11375547	0.922343	0.980838	-1.01954	2.98E-05	0.197492	-5.0635	0.626216	1.1023	1.1023	0.668586	0.918096	-1.08921	12.0008	7.4837	0.554312	1
cg01397912	0.0773878	0.344038	-2.90666	0.000683848	0.0596362	-16.7684	0.0477778	0.292272	-3.42147	0.235817	0.509053	-1.96443	4.87374	22.8	4.15835	1
cg15622551	0.0144659	0.555992	-1.79859	0.0416837	0.632936	-1.57994	0.389365	1.18748	1.18748	0.606492	0.903742	-1.10651	3.98495	2.39483	0.534194	1
cg18886719	0.0394016	0.609247	-1.64137	0.000623821	0.334786	-2.98698	0.883873	0.970066	-1.03086	0.379091	0.828913	-1.2064	5.56981	3.81437	0.608738	1
cg09254823	0.718942	0.890298	-1.12322	0.000296506	0.150428	-6.64771	0.978963	0.991558	-1.00851	0.876091	0.951065	-1.05145	5.47766	8.9693	1.4555	1
cg21192260	0.211146	1.47929	1.47929	0.00273966	0.29262	-3.4174	0.0207208	0.437029	-2.28818	0.0721114	0.55067	-1.81597	8.9954	12.5855	1.24364	1
cg14029117	0.291978	0.670053	-1.49242	0.0157676	0.338461	-2.95455	0.864692	0.939453	-1.06445	0.149325	1.76158	1.76158	4.21885	8.96045	1.88792	1
cg14004673	?	?	?	0.284922	1.60767	1.60767	?	?	?	?	?	?	11.0318	11.3398	1.02792	1
cg05508168	0.0355996	0.419651	-2.38293	0.198475	0.617295	-1.61997	0.449391	0.760612	-1.31473	0.494122	0.781541	-1.27952	4.04797	8.07878	1.77401	1
cg13769964	0.000108143	2.15919	2.15919	0.00126424	0.588173	-1.70018	0.0866452	0.807782	-1.23796	0.109781	1.2173	1.2173	11.4843	2.314	0.179104	1
cg27580050	0.297619	0.870796	-1.14837	0.000810348	0.523469	-1.91033	0.0666467	1.30147	1.30147	0.230031	0.850988	-1.1751	4.33872	1.12811	0.23112	1
cg10699731	0.0108418	0.720398	-1.38812	4.21E-06	0.335989	-2.97629	0.255051	0.885323	-1.12953	0.0948651	0.828493	-1.20701	22.5287	3.74873	0.147909	1
cg12078933	0.282327	0.645416	-1.54939	0.059511	0.434487	-2.30156	0.0532275	0.422841	-2.36495	0.892087	0.948192	-1.05464	4.73643	11.5227	2.16248	1
cg19191883	0.00997708	1.21378	1.21378	0.014496	0.835808	-1.19645	9.16E-05	1.51601	1.51601	0.000478653	1.38593	1.38593	12.7951	0.718514	0.0499157	1
cg27284398	0.50324	1.12182	1.12182	0.00973168	1.739	1.739	0.0187386	1.61933	1.61933	8.95E-05	0.305325	-3.2752	15.761	7.14725	0.403091	1
cg14269716	0.0246285	0.739834	-1.35165	8.50E-06	0.335851	-2.97751	3.58E-05	0.407593	-2.45343	0.000314626	0.51816	-1.9299	81.0181	16.2666	0.178469	1
cg21517055	0.720231	1.12883	1.12883	0.0296382	0.422006	-2.36963	0.431488	0.762973	-1.31066	0.710382	0.881891	-1.13393	7.50078	13.4881	1.59842	1
cg07094853	0.50353	1.12448	1.12448	0.304272	0.832048	-1.20185	0.703226	0.935992	-1.06839	0.133864	1.32233	1.32233	4.96495	2.34844	0.420449	1
cg15572692	0.014425	0.623234	-1.60453	0.0168357	0.632953	-1.5799	0.0437362	0.695223	-1.43839	0.13434	1.2881	1.2881	3.75812	1.46365	0.346189	1
cg03470073	0.647778	0.888333	-1.1257	2.51E-06	0.0532284	-18.787	0.127	0.65385	-1.5294	0.000700677	0.264366	-3.78264	23.2926	24.4466	0.932928	1
cg18732541	0.0228279	1.96161	1.96161	0.00040833	4.01019	4.01019	0.0109657	2.20242	2.20242	0.668063	1.1126	1.1126	22.2011	21.5119	0.861294	1
cg21739164	0.000925733	0.432508	-2.3121	0.833569	0.964975	-1.0363	0.0192866	0.619048	-1.61538	0.000671401	0.414145	-2.41461	19.227	8.74261	0.404183	1
cg07723365	0.155977	1.87498	1.87498	0.889987	0.944296	-1.05899	0.0464919	0.388941	-2.57108	0.00902976	0.25296	-3.95319	10.6548	28.9419	2.41451	1
cg17661462	0.359619	0.685315	-1.45918	9.79E-05	0.0622376	-16.0675	0.00903032	0.264072	-3.78685	0.00471184	0.221672	-4.51117	9.62697	24.5404	2.2659	1
cg01556075	0.143161	0.376591	-2.6554	0.00377799	0.088434	-11.3079	0.0100533	0.133138	-7.51098	0.0173343	0.165514	-6.0418	7.09706	43.3005	5.42327	1
cg25234359	0.00185024	0.467129	-2.14074	0.00280685	0.492092	-2.03214	4.45E-05	0.263959	-3.78846	0.00641683	0.542993	-1.84165	23.0453	10.8256	0.417559	1
cg15428479	0.0140585	0.639432	-1.56389	0.799466	1.03826	1.03826	0.442287	0.890871	-1.1225	0.0186797	0.656749	-1.52265	19.8322	6.83338	0.306276	1
cg19342159	0.0747999	1.65381	1.65381	7.65E-06	0.0827722	-12.0814	0.962076	0.988018	-1.01213	0.0147255	0.467182	-2.14049	14.1408	14.3929	0.904736	1
cg00667525	0.134663	0.719638	-1.38959	0.00972287	0.513174	-1.94866	0.0006356	0.342895	-2.91634	0.0564142	0.643631	-1.55369	13.5231	8.91186	0.585786	1
cg08615372	0.208583	0.687973	-1.45354	0.012083	0.413601	-2.41779	0.00132143	0.267664	-3.73603	0.0378224	0.506873	-1.97288	7.87094	9.92248	1.12057	1
cg15007983	0.301999	0.637044	-1.56975	0.00288414	0.177627	-5.62977	0.00253455	0.170838	-5.85349	0.0204495	0.30792	-3.2476	7.80602	21.9843	2.5034	1
cg22038059	0.360227	0.793706	-1.25991	0.00173796	0.333891	-2.99499	0.0117962	0.461887	-2.16503	0.169691	0.698174	-1.43231	6.28973	6.00993	0.849347	1
cg07549681	0.530656	0.91755	-1.08986	0.0995644	0.783058	-1.27704	0.180721	0.824855	-1.21233	0.118913	1.25771	1.25771	6.25847	1.81925	0.258387	1
cg21977234	0.334779	0.639877	-1.5628	0.105118	2.21404	2.21404	0.227369	1.76616	1.76616	0.346117	1.54573	1.54573	5.31521	16.9594	2.8362	1
cg07849805	0.00649277	1.61197	1.61197	0.127525	0.800606	-1.24905	0.0336644	0.71547	-1.39768	0.22444	0.841797	-1.18794	4.06313	1.17204	0.256406	1
cg24906410	0.233037	0.818298	-1.22205	0.0307668	0.665745	-1.50208	8.92E-06	4.68364	4.68364	0.0105974	0.597224	-1.67441	25.2518	10.2849	0.362038	1
cg14706720	0.565567	0.857389	-1.16633	0.147608	0.662615	-1.50917	0.026211	0.497284	-2.01092	0.0234615	0.488208	-2.04831	13.3259	14.8097	0.987862	1
cg23525514	0.061663	3.00116	3.00116	?	?	?	0.198902	2.01707	2.01707	0.00265629	9.4584	9.4584	6.61633	23.9482	3.16712	1
cg21618929	0.144933	0.750858	-1.33181	0.621832	0.913015	-1.09527	0.0900654	1.40768	1.40768	0.0147137	1.7325	1.7325	3.65047	1.93688	0.471631	1
cg18788945	0.034999	0.872276	-1.14643	0.113205	1.10063	1.10063	0.0265764	1.15744	1.15744	0.0343537	1.14716	1.14716	8.36329	0.409804	0.0435558	1
cg21956434	0.00571189	3.73052	3.73052	0.0201877	0.361433	-2.76676	0.00148645	5.28436	5.28436	0.147621	1.75835	1.75835	6.95837	14.5431	1.85779	1
cg26823353	0.226709	0.777163	-1.28673	0.00270569	0.439109	-2.27734	0.0599781	0.656068	-1.52423	0.909364	0.977634	-1.02288	4.16857	2.60466	0.555407	1
cg03170171	0.0134648	0.669811	-1.49296	0.00828051	0.6426	-1.55618	0.657329	1.06023	1.06023	0.239501	0.850999	-1.17509	3.79196	1.03048	0.24156	1
cg23211358	0.00124763	0.14242	-7.02149	?	?	?	0.879622	0.94287	-1.06059	0.427691	1.37066	1.37066	6.70784	13.9258	1.81655	1
cg07469949	0.579127	1.17302	1.17302	0.814371	1.06928	1.06928	0.293316	1.36409	1.36409	0.446103	0.801552	-1.24758	3.41851	4.3921	1.14204	1
cg25535897	0.00603064	0.563372	-1.77503	0.00759521	1.73177	1.73177	0.928682	0.985783	-1.01442	0.054344	0.705238	-1.41796	6.83506	2.76945	0.360163	1
cg09286787	0.859468	0.966999	-1.03413	9.50E-05	0.268138	-3.72942	0.446559	1.15825	1.15825	0.000233004	0.314718	-3.17745	11.9231	6.77076	0.504771	1
cg07482574	0.232209	0.764258	-1.30846	0.0461494	1.63277	1.63277	8.06E-05	0.217235	-4.6033	0.345428	1.23185	1.23185	11.9148	8.68893	0.648227	1
cg21277505	0.0578723	0.480615	-2.08067	0.00121146	0.198103	-5.04787	0.00632707	0.296763	-3.36969	0.194348	0.625533	-1.59864	6.22102	11.5039	1.64373	1
cg15783272	0.0185598	1.50362	1.50362	0.0177254	0.662296	-1.5099	0.2885	0.85433	-1.17051	0.397361	0.883538	-1.13181	6.0494	1.95591	0.287398	1
cg03214303	0.678788	0.936373	-1.06795	0.474054	0.891418	-1.12181	0.00165886	0.4914	-2.035	0.0108777	0.603648	-1.65659	14.214	5.61055	0.350861	1
cg18304696	0.345379	0.768756	-1.3008	0.00017722	0.179118	-5.5829	0.166996	0.671212	-1.48984	0.0397242	0.525457	-1.9031	14.0222	16.2624	1.0309	1
cg06795069	0.798037	0.946574	-1.05644	0.584341	0.888436	-1.12557	0.543898	1.14058	1.14058	0.847944	1.04196	1.04196	3.3977	2.46728	0.645476	1
cg17477818	0.00498847	0.506385	-1.97478	0.00778837	0.536682	-1.8633	0.857203	0.968979	-1.03201	0.0609989	0.686348	-1.45699	8.53304	4.04843	0.369011	1
cg04556039	0.000990344	0.166336	-6.01193	0.001008	0.167178	-5.98165	0.00388042	0.240376	-4.16015	0.347219	0.701334	-1.42586	8.33522	17.7355	1.89136	1
cg00016892	0.392826	1.22559	1.22559	0.124234	1.47229	1.47229	0.0199717	1.9205	1.9205	0.0382493	0.572319	-1.74728	7.38856	6.31917	0.760235	1
cg03953069	0.418489	0.75145	-1.33076	0.0031907	0.248652	-4.02169	0.12334	0.561609	-1.7806	0.866308	1.05997	1.05997	4.48067	8.4782	1.68193	1
cg24187961	0.348538	0.529416	-1.88887	0.0906744	0.292784	-3.41549	0.690484	0.76816	-1.30181	0.233329	0.43891	-2.27837	4.44022	30.5377	6.11336	1
cg13353879	0.255565	0.843619	-1.18537	4.30E-06	0.218598	-4.57461	0.848668	1.02775	1.02775	0.0935633	0.767793	-1.30243	35.5193	11.5476	0.288986	1
cg09516958	0.869616	1.02119	1.02119	0.0645041	1.30352	1.30352	0.202036	1.1876	1.1876	0.0251571	0.711852	-1.40479	22.8536	5.8964	0.22934	1
cg03080478	0.000166585	0.179797	-5.56183	0.00177168	0.303847	-3.29113	0.341467	1.29991	1.29991	0.988354	1.00391	1.00391	17.5069	19.854	1.00806	1
cg24782146	0.455065	1.27682	1.27682	0.00263314	0.262611	-3.80791	0.423678	1.30011	1.30011	0.7505	1.1079	1.1079	8.18514	13.373	1.45228	1
cg22584582	0.0760132	0.60302	-1.65832	0.0497922	1.77399	1.77399	0.593786	1.14787	1.14787	0.516546	0.84494	-1.18352	6.47035	6.72508	0.923882	1
cg07207742	0.00717266	2.034	2.034	0.532261	1.13813	1.13813	0.622183	1.10693	1.10693	0.406172	0.840455	-1.18983	5.55379	3.67973	0.588944	1
cg06651299	0.00869949	0.462889	-2.16034	0.0136811	0.495362	-2.01872	0.152074	1.424	1.424	0.777855	1.06733	1.06733	4.81393	4.04642	0.747169	1
cg00313722	0.166571	1.36313	1.36313	0.0654417	1.5439	1.5439	0.0188491	1.8176	1.8176	0.205435	1.3239	1.3239	4.36322	3.04849	0.621047	1
cg13770691	0.0101527	0.530558	-1.88481	0.00172529	0.41724	-2.3967	0.153023	0.741447	-1.34871	0.494604	1.14521	1.14521	4.15734	2.51622	0.537998	1
cg07737179	0.115053	0.479319	-2.08629	0.107036	0.469982	-2.12774	0.921685	0.958676	-1.04311	0.102057	0.463945	-2.15543	6.7464	19.6798	2.59296	1
cg17344770	0.506228	0.884403	-1.13071	0.00492624	1.97076	1.97076	0.0114274	1.77985	1.77985	0.203683	0.783207	-1.2768	5.42103	2.84822	0.467023	1
cg10837482	0.939909	0.987149	-1.01302	0.340433	1.18358	1.18358	0.0290007	1.55517	1.55517	0.477395	0.883438	-1.13194	5.47298	2.55117	0.414347	1
cg21536992	0.214238	0.844106	-1.18469	0.855446	1.02392	1.02392	0.0584212	1.31937	1.31937	0.269303	1.16079	1.16079	5.84453	1.55491	0.236485	1
cg04749993	0.686709	1.07582	1.07582	0.00166977	0.444702	-2.2487	0.200331	1.27613	1.27613	0.0549769	1.48031	1.48031	5.15437	2.65233	0.457403	1
cg21639436	0.0102095	0.465245	-2.1494	0.110233	0.662804	-1.50874	0.000482189	0.274297	-3.64568	0.0062471	0.430843	-2.32103	18.1225	16.0224	0.785882	1
cg22940961	0.412479	0.695159	-1.43852	0.0549748	0.388932	-2.57114	0.0312402	0.333931	-2.99463	0.185319	0.5436	-1.83959	5.8621	17.4836	2.6511	1
cg12559228	0.0312441	0.640489	-1.56131	0.0034258	0.496126	-2.01562	0.643564	0.921145	-1.08561	0.091269	0.720471	-1.38798	7.15994	3.52358	0.437444	1
cg26554406	0.880816	1.0491	1.0491	0.0657562	1.95746	1.95746	0.107007	1.76794	1.76794	0.00633501	3.27137	3.27137	9.0054	14.249	1.23066	1
cg23668335	0.26777	0.599874	-1.66702	0.00783474	0.220751	-4.52999	0.740964	1.15819	1.15819	0.0802485	0.423565	-2.36091	3.56038	11.0503	2.75882	1
cg19309676	0.367756	0.849111	-1.1777	0.238843	0.804051	-1.2437	0.210543	1.2627	1.2627	0.649656	1.08421	1.08421	3.52276	1.74383	0.440015	1
cg22105158	0.00509512	0.434773	-2.30005	0.000246154	0.255973	-3.90666	0.000254566	0.257707	-3.88038	0.124242	0.687609	-1.45431	12.5388	10.0543	0.712759	1
cg06666376	0.181769	0.713759	-1.40103	4.52E-05	0.159467	-6.27091	0.109883	1.51376	1.51376	0.280125	1.30617	1.30617	11.9805	10.739	0.796772	1
cg13389652	0.182619	1.63622	1.63622	0.0397411	0.437025	-2.2882	0.927818	1.03205	1.03205	0.465436	1.29513	1.29513	6.55827	12.5889	1.70627	1
cg02415125	0.038814	0.204442	-4.89137	0.00199938	0.0553089	-18.0803	0.0319986	0.188769	-5.29747	0.0170993	0.145328	-6.88097	6.29461	43.8959	6.19873	1
cg17223846	0.00405716	0.44931	-2.22563	0.00384841	0.445906	-2.24263	0.0014833	0.38652	-2.58719	0.930581	0.982096	-1.01823	5.95993	4.05845	0.605294	1
cg04257377	0.044432	1.54356	1.54356	0.237363	1.26211	1.26211	0.0214589	0.594775	-1.68131	0.16387	1.3223	1.3223	5.91874	3.31497	0.497849	1
cg15148078	0.0273993	0.463652	-2.15679	0.0186936	0.431926	-2.31521	0.00502539	0.335167	-2.98359	0.817859	0.934309	-1.07031	5.36469	7.37158	1.22141	1
cg14896559	0.276376	0.600503	-1.66527	0.00515506	0.189417	-5.27937	0.527364	0.749425	-1.33436	0.421504	1.44754	1.44754	4.6004	14.7826	2.85629	1
cg05344495	0.0489424	0.1354	-7.38554	0.506959	1.81984	1.81984	0.114429	0.217194	-4.60419	0.32529	0.405229	-2.46774	4.13326	51.7746	11.1345	1
cg18795569	0.034682	0.416253	-2.40239	0.00226478	0.218612	-4.57432	0.0375714	0.423695	-2.36019	0.683399	1.15714	1.15714	4.8505	9.73282	1.78361	1
cg22073507	0.0425933	0.644652	-1.55122	0.0228161	0.5991	-1.66917	0.0794068	0.693379	-1.44221	0.00249915	0.453874	-2.20326	8.29063	4.64373	0.497883	1
cg09286061	0.719714	0.819608	-1.2201	0.000558113	0.0520544	-19.2107	?	?	?	0.601514	0.747603	-1.33761	7.75652	33.2797	4.29055	1
cg03169147	0.00498249	0.297446	-3.36195	0.00142313	0.221879	-4.50695	0.821877	0.929083	-1.07633	0.995957	0.998349	-1.00165	7.29351	12.292	1.49807	1
cg03138124	0.0398984	0.379478	-2.6352	0.266534	0.623595	-1.60361	0.00030349	0.0911748	-10.9679	0.0598447	0.420531	-2.37795	5.88027	15.4986	2.34284	1
cg01848660	0.634406	0.858141	-1.16531	0.369076	1.34259	1.34259	0.989985	0.996	-1.00402	0.126245	0.589607	-1.69605	4.75698	7.68346	1.43573	1
cg04415014	0.0513025	0.530086	-1.88649	0.705883	0.897231	-1.11454	0.4508	0.802706	-1.24579	0.154106	0.646368	-1.54711	3.76606	4.87963	1.15172	1
cg13109289	0.761472	1.06087	1.06087	0.000838567	2.65155	2.65155	0.64497	0.913892	-1.09422	0.0934815	0.699051	-1.43051	11.6384	6.94263	0.530246	1
cg11193034	0.0730235	0.918395	-1.08886	0.131235	1.07184	1.07184	0.0125724	0.876223	-1.14126	0.740264	0.985936	-1.01426	11.2174	0.322022	0.0255177	1
cg19473623	0.198032	0.597776	-1.67287	0.00259928	0.206391	-4.84518	0.222409	0.615718	-1.62412	0.0621906	0.452008	-2.21235	5.39833	12.2298	2.01375	1
cg03127222	0.308749	1.17681	1.17681	0.102914	0.759002	-1.31752	0.563585	1.09444	1.09444	0.777189	0.9571	-1.04482	5.07484	1.91983	0.336269	1
cg18912981	0.735565	0.957928	-1.04392	0.286364	0.869021	-1.15072	0.352204	1.12907	1.12907	0.0106695	1.50233	1.50233	5.04014	1.28344	0.22635	1
cg12917058	0.0745998	0.49493	-2.02049	0.50329	1.27193	1.27193	0.0120081	3.03298	3.03298	0.84799	1.07032	1.07032	4.22801	8.39706	1.76538	1
cg12647952	0.992305	1.00416	1.00416	0.181445	1.8419	1.8419	0.222122	1.73754	1.73754	0.0421116	0.364862	-2.74076	4.20417	12.3436	2.60981	1
cg24854292	0.871836	1.01756	1.01756	0.909557	0.987821	-1.01233	0.0289268	0.757498	-1.32014	0.00728429	0.688512	-1.45241	3.88134	0.714824	0.163706	1
cg21601364	0.250217	1.21587	1.21587	0.000327194	0.388927	-2.57118	0.00460989	1.84655	1.84655	0.0181195	0.626972	-1.59497	14.8896	6.24037	0.372543	1
cg13015740	0.205226	0.643077	-1.55502	0.228506	1.51813	1.51813	0.906126	0.961781	-1.03974	0.760951	1.10605	1.10605	3.60505	6.22982	1.53607	1
cg06918955	0.156041	0.451368	-2.21549	0.0218897	0.23653	-4.22779	0.737047	1.1932	1.1932	0.311695	0.577756	-1.73083	3.49245	15.1975	3.86803	1
cg15520863	0.017768	0.5231	-1.91168	0.00730588	0.459486	-2.17634	0.00630374	2.22515	2.22515	0.61548	1.12059	1.12059	5.22016	4.17854	0.711522	1
cg24677002	0.579001	0.857446	-1.16625	4.11E-05	0.11702	-8.54558	0.00582271	0.371229	-2.69376	0.00403835	0.34658	-2.88534	26.7066	31.8497	1.06007	1
cg00108454	0.605558	0.949937	-1.0527	7.33E-06	0.377366	-2.64995	1.05E-05	0.395295	-2.52976	0.000696741	0.600512	-1.66525	25.6732	3.95215	0.136836	1
cg20676350	4.84E-05	0.538391	-1.85739	0.0222961	1.22745	1.22745	0.000270733	0.623829	-1.603	0.00751456	0.770633	-1.29763	21.8564	1.79093	0.0637318	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08710757	C1QA	0.000788603	0.00216621	0.211221	-4.73438	0.0071371	0.285008	-3.50867	0.00675219	0.281223	-3.5559	0.0638273	0.471127	-2.12257	0.00303921	0.23062	-4.33613
cg25995460	C1QA	0.00163332	0.00196179	0.163412	-6.11949	0.00286331	0.18299	-5.46478	0.943434	1.02981	1.02981	0.00463649	0.210366	-4.75362	0.0569515	0.409977	-2.43916
cg13168221	C1QA	0.00320931	0.00842315	0.137717	-7.26125	0.00913634	0.142126	-7.036	0.00427603	0.105195	-9.50618	0.0198808	0.190837	-5.24009	0.0196103	0.189865	-5.2669
cg17465569	C1QA	0.00680636	0.933227	1.01342	1.01342	0.125517	1.30171	1.30171	0.00156834	0.485585	-2.05937	0.260492	1.2052	1.2052	0.104869	0.754384	-1.32559
cg10916651	C1QA	0.00761735	0.0163538	0.257532	-3.88301	0.014887	0.250488	-3.9922	0.00261223	0.145612	-6.86755	0.0617006	0.378065	-2.64505	0.0983921	0.432667	-2.31125
cg18366830	C1QB	0.000349219	0.892174	0.979457	-1.02097	0.0186645	0.646387	-1.54706	0.000126634	0.360203	-2.77621	0.26897	1.19268	1.19268	4.15E-05	0.302613	-3.30455
cg18763854	C1QB	0.00183707	0.00582596	0.409082	-2.44449	0.16183	0.690881	-1.44743	6.74E-05	0.164216	-6.08953	0.0016819	0.329049	-3.03906	0.0198259	0.498418	-2.00635
cg22477971	C1QB	0.00720831	0.0769093	0.368866	-2.71101	0.106835	0.409595	-2.44143	0.0920589	0.39055	-2.56049	0.0959723	0.395772	-2.52671	0.0035257	0.134559	-7.43166
cg03941108	C1QB	0.0077169	0.476122	0.794356	-1.25888	0.144374	0.607612	-1.64579	0.00258921	0.265383	-3.76814	0.0016743	0.239831	-4.1696	0.00196258	0.248951	-4.01685
cg27509381	C1QBP	5.03E-06	2.63E-05	0.207574	-4.81757	0.000335788	0.335174	-2.98353	8.23E-06	0.158866	-6.29463	1.53E-05	0.184018	-5.43424	4.80E-07	0.0691643	-14.4583
cg14827528	C1QBP	0.00403238	0.127276	1.13392	1.13392	0.215003	1.10458	1.10458	0.00304253	1.36262	1.36262	0.462859	0.94464	-1.0586	0.0283189	0.82095	-1.2181
cg21007116	C1QBP	0.0174757	0.834849	1.06064	1.06064	0.0233256	0.465661	-2.14749	0.0535066	1.85593	1.85593	0.706153	0.898699	-1.11272	0.000679835	0.231258	-4.32418
cg20137147	C1QBP	0.0274984	0.00808597	0.371537	-2.69152	0.253212	0.705851	-1.41673	0.423712	1.26936	1.26936	0.79122	1.08053	1.08053	0.0345479	0.486991	-2.05343
cg17137380	C1QBP	0.0492675	0.354234	0.887038	-1.12735	0.900736	1.01582	1.01582	0.561686	0.92886	-1.07659	0.0142388	1.46267	1.46267	0.0247241	1.39973	1.39973
cg17097874	C1QC;C1QC	6.56E-06	0.0812189	1.43583	1.43583	0.0561962	1.49883	1.49883	0.0984765	0.712413	-1.40368	0.572126	1.11274	1.11274	0.654059	1.08808	1.08808
cg12775742	C1QC;C1QC	7.77E-06	0.252419	0.917836	-1.08952	0.000958681	0.702728	-1.42302	2.65E-07	0.33475	-2.98731	0.052117	0.853471	-1.17169	0.00273517	0.74334	-1.34528
cg25600750	C1QC;C1QC	0.000737473	0.373444	0.843964	-1.18489	0.299867	1.22077	1.22077	0.00509056	0.502861	-1.98862	0.000207093	0.315554	-3.16903	0.000359019	0.345419	-2.89503
cg25882380	C1QC;C1QC	0.00212	0.000181509	0.264407	-3.78206	0.0382666	0.603878	-1.65596	0.000958892	0.355843	-2.81023	0.00415057	0.446125	-2.24152	0.00561996	0.465993	-2.14596
cg04522691	C1QC;C1QC	0.00470987	0.0501999	0.552207	-1.81091	0.0213948	0.476261	-2.09969	0.000102101	0.138639	-7.21297	0.0284514	0.50071	-1.99716	0.00854342	0.402764	-2.48284
cg00136477	C1QC;C1QC	0.0126834	0.587626	0.849141	-1.17766	0.0290421	0.463708	-2.15653	0.00385803	0.312605	-3.19892	0.918194	1.03116	1.03116	0.00229168	0.279916	-3.57249
cg11152959	C1QC;C1QC	0.0434716	0.139958	0.798339	-1.2526	0.0264667	0.688559	-1.45231	0.37167	0.878021	-1.13893	0.528149	1.09488	1.09488	0.10043	0.77474	-1.29076
cg17104151	C1QC;C1QC;C1QC;C1QC	0.00709342	0.0916024	0.585768	-1.70716	0.118295	0.613694	-1.62948	0.00111096	0.250744	-3.98813	0.068345	0.555673	-1.79962	0.00709644	0.367327	-2.72237
cg00164949	C1QL1	1.45E-05	0.000976512	0.430544	-2.32264	0.325259	0.839857	-1.19068	8.55E-05	0.297502	-3.36133	0.0173716	0.607938	-1.6449	0.000315207	0.366776	-2.72646
cg24945657	C1QL1	3.07E-05	0.0441086	0.842689	-1.18668	0.647312	0.966487	-1.03468	0.399811	0.938209	-1.06586	0.0011348	1.42523	1.42523	0.00170508	0.717822	-1.3931
cg19226007	C1QL1	0.00211471	0.000673081	0.325213	-3.07491	0.962026	1.01034	1.01034	0.0450428	0.608504	-1.64337	0.0821991	1.51572	1.51572	0.00918474	0.489458	-2.04308
cg24042242	C1QL1	0.00243276	0.360802	1.26109	1.26109	0.0407623	0.558092	-1.79182	0.00983708	2.23829	2.23829	0.000457324	3.90739	3.90739	0.00583515	0.410098	-2.43844
cg00416934	C1QL1	0.00255297	0.00726311	0.575605	-1.7373	0.0453181	0.693349	-1.44228	0.241014	0.822205	-1.21624	0.579574	1.09336	1.09336	0.00650501	0.568883	-1.75783
cg03371613	C1QL1	0.00280562	0.00649251	0.2903	-3.44471	0.000785523	0.169528	-5.89874	0.126643	0.561225	-1.78182	0.040831	0.438081	-2.28268	0.00607064	0.285754	-3.49952
cg27436940	C1QL1	0.00991122	0.00171817	0.202488	-4.93857	0.578423	1.22184	1.22184	0.029314	0.399982	-2.50011	0.0210712	0.371471	-2.692	0.0132118	0.334079	-2.9933
cg22791987	C1QL1	0.0156424	0.00517519	0.208361	-4.79936	0.0175826	0.29299	-3.41308	0.0162814	0.286964	-3.48476	0.0391813	0.362729	-2.75688	0.0117989	0.262828	-3.80476
cg02395846	C1QL1	0.0263189	0.012381	0.315174	-3.17285	0.0279706	0.381776	-2.61934	0.124198	0.539362	-1.85404	0.0797014	0.486152	-2.05697	0.0336084	0.39835	-2.51036
cg21858380	C1QL2	0.00680086	0.494983	1.10931	1.10931	0.00125855	0.494135	-2.02374	0.0016355	0.508978	-1.96472	0.119443	1.28783	1.28783	0.576063	0.918907	-1.08825
cg20883684	C1QL2	0.0305856	0.157962	0.711355	-1.40577	0.0362877	1.73184	1.73184	0.46281	1.18367	1.18367	0.796394	0.943334	-1.06007	0.0229006	0.541124	-1.848
cg11873147	C1QL2	0.0385729	0.0130237	12.2807	12.2807	0.0116207	13.0391	13.0391	0.100084	4.3353	4.3353	0.877156	1.1342	1.1342	0.00494772	20.6926	20.6926
cg17319142	C1QL2	0.0395654	0.720461	1.13597	1.13597	0.825391	0.924601	-1.08155	0.989894	0.995517	-1.0045	0.104161	0.53242	-1.87822	0.362628	0.717506	-1.39372
cg24767634	C1QL3	1.86E-05	0.708654	0.916508	-1.0911	0.00815562	2.19567	2.19567	0.0811356	1.56696	1.56696	2.44E-05	0.142018	-7.04135	0.297158	0.777984	-1.28537
cg02210543	C1QL3	9.04E-05	0.410073	0.823131	-1.21487	0.148669	1.43032	1.43032	0.968747	0.990989	-1.00909	6.96E-06	0.100306	-9.96952	0.0390954	0.575966	-1.73621
cg11880855	C1QL3	0.000176807	0.294319	0.814067	-1.2284	0.726195	1.06875	1.06875	0.0420764	1.55733	1.55733	2.73E-05	4.77954	4.77954	0.914608	0.979919	-1.02049
cg08926571	C1QL3	0.000217525	0.120244	0.684487	-1.46095	0.0715133	0.634593	-1.57581	0.368233	0.813745	-1.22889	7.87E-05	0.173009	-5.78006	0.0769067	1.55927	1.55927
cg00919702	C1QL3	0.00176271	0.0287003	3.9929	3.9929	0.0259072	4.13256	4.13256	0.0146903	5.01048	5.01048	0.149806	0.436721	-2.28979	0.00283413	9.07384	9.07384
cg00992317	C1QL3	0.00385895	0.153135	0.585728	-1.70728	0.0458808	2.22589	2.22589	0.719935	1.13416	1.13416	0.00566394	0.281059	-3.55797	0.0776715	0.503761	-1.98507
cg25104555	C1QL3	0.0281666	0.0626349	1.43595	1.43595	0.0819346	1.395	1.395	0.865538	0.971155	-1.0297	0.310324	1.19878	1.19878	0.73654	1.06005	1.06005
cg20047561	C1QL3	0.0367926	0.542589	1.55471	1.55471	0.0110884	9.77941	9.77941	0.132459	3.19752	3.19752	0.0639008	0.225125	-4.44199	0.147741	3.0403	3.0403
cg27393726	C1QL3	0.0481906	0.0921191	3.51473	3.51473	0.00496897	12.4439	12.4439	0.0863494	3.61285	3.61285	0.441732	1.70201	1.70201	0.12113	3.12508	3.12508
cg21870776	C1QL4	0.000438753	0.499991	0.942433	-1.06108	0.00346457	1.41009	1.41009	0.0474567	1.21696	1.21696	0.00585589	0.731698	-1.36668	0.947418	1.00573	1.00573
cg12760869	C1QL4	0.0063506	0.0369099	4.20287	4.20287	0.00328243	10.7337	10.7337	0.0282493	4.63917	4.63917	0.0884495	3.04491	3.04491	0.0722736	3.28157	3.28157
cg10246081	C1QL4	0.00746088	0.021948	4.19343	4.19343	0.00908048	5.63514	5.63514	0.0858319	2.69144	2.69144	0.230165	1.92816	1.92816	0.0540779	3.12754	3.12754
cg25301767	C1QL4	0.0133602	0.074619	0.396714	-2.52071	0.000779396	0.0938397	-10.6565	0.0186295	0.265057	-3.77277	0.125409	0.462042	-2.16431	0.0286329	0.300606	-3.32661
cg07848566	C1QL4	0.0221318	0.32457	0.80488	-1.24242	0.00783858	0.482835	-2.0711	0.00927795	0.49442	-2.02257	0.505961	0.865889	-1.15488	0.468193	0.854288	-1.17057
cg22212237	C1QL4	0.0254763	0.040787	9.04842	9.04842	0.0237968	12.3822	12.3822	0.0878694	5.79461	5.79461	0.0980439	5.43389	5.43389	0.152108	4.18253	4.18253
cg14502850	C1QL4	0.0338404	0.619145	1.14685	1.14685	0.271656	0.731326	-1.36738	0.0316686	0.502185	-1.9913	0.693562	1.11436	1.11436	0.0337493	1.96982	1.96982
cg03318924	C1QL4	0.0440227	0.104651	2.50379	2.50379	0.0155343	4.645	4.645	0.147592	2.2345	2.2345	0.302769	1.73741	1.73741	0.151906	2.213	2.213
cg08785577	C1QL4;C1QL4	0.00192065	0.501316	0.917331	-1.09012	0.00441611	0.618534	-1.61672	0.244544	1.16639	1.16639	0.253321	0.85999	-1.1628	0.689613	0.950511	-1.05207
cg05021636	C1QTNF1;C1QTNF1	0.000394208	0.12352	1.66952	1.66952	0.217815	1.48928	1.48928	0.00946639	0.364155	-2.74608	0.87387	1.05002	1.05002	0.0513608	0.505832	-1.97694
cg17758081	C1QTNF1;C1QTNF1	0.00106646	0.00187392	0.447558	-2.23435	0.0020916	0.454187	-2.20174	0.0169771	0.588194	-1.70012	0.0494903	0.664583	-1.5047	0.000416601	0.360428	-2.77448
cg14020904	C1QTNF1;C1QTNF1	0.0230277	0.466933	1.34691	1.34691	0.568851	1.26069	1.26069	0.569549	1.26015	1.26015	0.0448749	2.52486	2.52486	0.0550286	2.39943	2.39943
cg18689614	C1QTNF1;C1QTNF1;C1QTNF1	4.95E-05	0.00349893	0.326829	-3.05971	0.852042	0.948657	-1.05412	0.000498723	0.214897	-4.65339	0.183918	1.48876	1.48876	0.00114498	0.259304	-3.85648
cg12575429	C1QTNF1;C1QTNF1;C1QTNF1	0.000115117	0.00101676	0.343305	-2.91286	0.977096	0.993722	-1.00632	0.00194964	0.382453	-2.6147	0.796146	0.944786	-1.05844	2.99E-05	0.166604	-6.00225
cg26292173	C1QTNF1;C1QTNF1;C1QTNF1	0.000450716	0.335271	0.850065	-1.17638	0.704568	0.939625	-1.06425	0.000206169	0.361965	-2.7627	0.0627235	0.710092	-1.40827	0.000561968	0.417167	-2.39712
cg26539042	C1QTNF1;C1QTNF1;C1QTNF1	0.000554335	0.00741882	0.313495	-3.18984	0.745613	1.11571	1.11571	0.00941274	0.330506	-3.02567	0.174944	1.62455	1.62455	0.00306009	0.255599	-3.91238
cg22258892	C1QTNF1;C1QTNF1;C1QTNF1	0.00100809	0.222211	0.738441	-1.3542	0.150008	0.694374	-1.44015	0.0492942	0.588396	-1.69954	0.0507447	1.69232	1.69232	3.08E-05	0.146143	-6.84262
cg06097994	C1QTNF1;C1QTNF1;C1QTNF1	0.00128615	0.0126084	0.369268	-2.70806	0.831581	0.933883	-1.0708	0.00164386	0.235116	-4.25322	0.0784925	0.533808	-1.87333	0.00840486	0.339197	-2.94814
cg08821738	C1QTNF1;C1QTNF1;C1QTNF1	0.00304326	0.020734	0.307546	-3.25154	0.935465	1.03489	1.03489	0.0718741	0.427042	-2.34169	0.094404	0.459064	-2.17835	0.0174092	0.293466	-3.40755
cg06700275	C1QTNF1;C1QTNF1;C1QTNF1	0.00575678	0.0433378	0.395754	-2.52682	0.0294228	0.359471	-2.78186	0.642948	0.830092	-1.20469	0.0908376	0.47565	-2.10239	0.000398843	0.10564	-9.46615
cg24917359	C1QTNF1;C1QTNF1;C1QTNF1	0.00794773	0.245583	0.655447	-1.52568	0.101741	0.536262	-1.86476	0.00217643	0.224047	-4.46335	0.239381	0.651447	-1.53504	0.00476664	0.271592	-3.68199
cg09967973	C1QTNF1;C1QTNF1;C1QTNF1	0.00910641	0.0112441	0.415712	-2.40551	0.0287905	0.490337	-2.03942	0.00311846	0.32716	-3.05661	0.336785	1.31485	1.31485	0.386057	0.78224	-1.27838
cg13659928	C1QTNF1;C1QTNF1;C1QTNF1	0.0112671	0.353224	0.658396	-1.51884	0.264752	0.601356	-1.66291	0.69012	0.839166	-1.19166	0.321755	0.638977	-1.565	0.00841387	0.22934	-4.36034
cg08821600	C1QTNF1;C1QTNF1;C1QTNF1	0.0223766	0.189614	0.751619	-1.33046	0.0190182	1.79222	1.79222	0.705153	0.924855	-1.08125	0.532933	0.878286	-1.13858	0.016484	0.54765	-1.82598
cg03643998	C1QTNF1;C1QTNF1;C1QTNF1	0.0416984	0.306119	1.70599	1.70599	0.99867	0.99916	-1.00084	0.526338	0.723509	-1.38215	0.649352	1.25954	1.25954	0.0019822	0.110541	-9.04645
cg24844534	C1QTNF1;C1QTNF1;C1QTNF1;C1QTNF1	0.0380452	0.320536	0.842795	-1.18653	0.495274	0.891022	-1.12231	0.524019	0.897989	-1.1136	0.352071	1.17301	1.17301	0.0310649	1.52463	1.52463
cg05524529	C1QTNF2	0.00110756	0.527451	1.184	1.184	0.0918761	1.63159	1.63159	0.260966	1.36245	1.36245	0.0032495	0.346873	-2.8829	0.043061	0.541124	-1.848
cg12586050	C1QTNF2	0.00419281	0.003617	0.483315	-2.06904	0.0403063	0.645746	-1.5486	0.27529	0.810955	-1.23311	0.05521	1.49373	1.49373	0.000798925	0.392686	-2.54656
cg07751793	C1QTNF2	0.0330372	0.00258753	2.23329	2.23329	0.501961	1.14011	1.14011	0.187862	1.30806	1.30806	0.0774037	1.45901	1.45901	0.35168	0.831575	-1.20254
cg07816439	C1QTNF2	0.0365583	0.00901146	1.89033	1.89033	0.808307	0.954457	-1.04772	0.0989	1.41479	1.41479	0.231096	1.27239	1.27239	0.0755382	0.684275	-1.4614
cg25235638	C1QTNF3;C1QTNF3	0.00968002	0.746437	0.952098	-1.05031	0.0201585	0.654419	-1.52807	0.407488	0.879678	-1.13678	0.135198	1.2759	1.2759	0.00448691	1.77404	1.77404
cg18752880	C1QTNF3;C1QTNF3	0.0374529	0.310521	0.656786	-1.52257	0.0100537	0.272115	-3.67492	0.603651	0.810718	-1.23347	0.58066	0.799681	-1.2505	0.117546	0.506095	-1.97591
cg02282892	C1QTNF3;C1QTNF3	0.038865	0.48674	0.693026	-1.44295	0.17983	2.09423	2.09423	0.723048	1.20279	1.20279	0.0453704	3.29064	3.29064	0.0230038	0.243907	-4.09992
cg20713525	C1QTNF3;C1QTNF3	0.0401855	0.133283	1.47277	1.47277	0.952606	0.985892	-1.01431	0.421023	0.821597	-1.21714	0.160196	1.43144	1.43144	0.198328	0.722543	-1.384
cg06911753	C1QTNF4	0.000578209	0.00182264	9.45365	9.45365	4.87E-05	48.0177	48.0177	0.362032	1.60805	1.60805	0.116165	2.37659	2.37659	0.246844	0.541206	-1.84773
cg05537653	C1QTNF4	0.000735302	0.00179687	5.77496	5.77496	0.000219444	11.381	11.381	0.281205	1.55615	1.55615	0.104944	2.01291	2.01291	0.471775	1.3351	1.3351
cg18356785	C1QTNF4	0.00244982	0.0079219	9.23829	9.23829	0.00107791	23.387	23.387	0.155679	2.69614	2.69614	0.0764688	3.62078	3.62078	0.341494	1.89639	1.89639
cg27051260	C1QTNF4	0.00983618	0.0395816	0.643892	-1.55306	0.0132767	1.76391	1.76391	0.0295851	0.622658	-1.60602	0.625611	1.09521	1.09521	0.0122987	0.561776	-1.78007
cg02848401	C1QTNF4	0.0136434	0.00980284	0.327907	-3.04965	0.130001	0.572058	-1.74807	0.00879246	0.320015	-3.12485	0.123612	0.565791	-1.76744	0.00285951	0.246229	-4.06126
cg19198483	C1QTNF4	0.0413496	0.043688	0.591091	-1.69179	0.556351	1.14443	1.14443	0.172286	1.39014	1.39014	0.354658	0.805809	-1.24099	0.476293	0.848552	-1.17848
cg15914011	C1QTNF4;C1QTNF4	0.00236645	0.589331	0.949165	-1.05356	0.000116971	1.90794	1.90794	0.0038625	1.45157	1.45157	0.365977	0.91492	-1.09299	0.0985745	0.84079	-1.18936
cg09186818	C1QTNF5;C1QTNF5;MFRP;MFRP	0.00744811	0.0237443	0.522658	-1.9133	0.0434154	0.572163	-1.74775	0.00823108	0.44376	-2.25347	0.589434	0.87725	-1.13993	0.00131848	0.325183	-3.07519
cg21504757	C1QTNF5;MFRP	0.0161927	0.125815	0.542688	-1.84268	0.0720234	0.476655	-2.09795	0.00232568	0.208235	-4.80226	0.499809	0.776666	-1.28756	0.0604674	0.457884	-2.18396
cg19002131	C1QTNF5;MFRP	0.0302588	0.0470843	0.339483	-2.94565	0.0181308	0.255583	-3.91262	0.465683	0.702604	-1.42328	0.300775	0.600645	-1.66488	0.0230902	0.274826	-3.63866
cg26143719	C1QTNF6;C1QTNF6	0.0146047	0.0652761	0.504575	-1.98187	0.00239409	0.246914	-4.04999	0.0209406	0.399163	-2.50524	0.621014	0.848114	-1.17909	0.723027	0.889025	-1.12483
cg19379102	C1QTNF6;C1QTNF6	0.0364154	0.698768	0.866993	-1.15341	0.270725	0.65647	-1.5233	0.106918	0.524146	-1.90786	0.606626	0.826442	-1.21001	0.000968216	0.164866	-6.06554
cg23671006	C1QTNF6;C1QTNF6	0.0445805	0.111492	0.448787	-2.22823	0.0590263	0.373297	-2.67883	0.00525048	0.182416	-5.48197	0.0496404	0.355192	-2.81538	0.0191695	0.269839	-3.70591
cg01612003	C1QTNF7	0.00540673	0.938637	0.979577	-1.02085	0.00504559	0.370134	-2.70172	0.00243121	0.322682	-3.09903	0.317919	0.758302	-1.31874	0.00107979	0.274291	-3.64576
cg10107529	C1QTNF7	0.0112748	0.901556	0.973789	-1.02692	0.00660305	0.46911	-2.1317	0.00456747	0.444603	-2.2492	0.173728	0.732982	-1.36429	0.891699	1.02967	1.02967
cg25106707	C1QTNF7	0.0165584	0.3642	0.701329	-1.42586	0.867855	0.938607	-1.06541	0.0485925	0.424373	-2.35642	0.246056	1.58657	1.58657	0.00308477	0.21416	-4.6694
cg05551114	C1QTNF7;C1QTNF7	5.82E-05	3.39E-06	0.0500513	-19.9795	0.000863481	0.254709	-3.92604	0.0141155	0.436785	-2.28945	9.54E-05	0.149595	-6.68473	0.000760704	0.247788	-4.0357
cg01939704	C1QTNF7;C1QTNF7	0.000346229	6.75E-06	0.137842	-7.25469	0.198378	0.763722	-1.30938	0.636633	0.90995	-1.09896	0.000966372	0.377475	-2.64918	0.0420914	0.628498	-1.5911
cg06097727	C1QTNF7;C1QTNF7	0.000581746	2.21E-05	0.115475	-8.65988	0.00446557	0.382443	-2.61477	0.00971156	0.436412	-2.29141	0.00343126	0.365099	-2.73898	0.0120673	0.452316	-2.21084
cg06742778	C1QTNF7;C1QTNF7	0.00255294	0.123616	0.832433	-1.2013	0.502662	1.07768	1.07768	0.000657622	0.56328	-1.77532	0.0340039	1.31277	1.31277	0.00535538	0.668076	-1.49684
cg22109796	C1QTNF7;C1QTNF7	0.00291271	0.000276388	0.118851	-8.41386	0.313065	0.688445	-1.45255	0.284532	0.671838	-1.48846	0.00245822	0.221555	-4.51355	0.502582	1.27562	1.27562
cg07538039	C1QTNF7;C1QTNF7	0.00306931	0.000244557	0.0812809	-12.303	0.0875055	0.457948	-2.18365	0.120316	0.497749	-2.00905	0.00264806	0.178721	-5.59532	0.0448628	0.385482	-2.59415
cg25241662	C1QTNF7;C1QTNF7	0.00685247	0.0406443	0.633247	-1.57916	0.932598	1.01649	1.01649	0.182708	0.760847	-1.31433	0.000473878	0.346084	-2.88947	0.70336	0.928717	-1.07675
cg11290265	C1QTNF7;C1QTNF7	0.040272	0.959103	1.01243	1.01243	0.102317	0.650101	-1.53822	0.0137931	0.480385	-2.08166	0.174726	0.706321	-1.41579	0.556147	0.866422	-1.15417
cg03290977	C1QTNF7;C1QTNF7	0.0451844	0.06401	0.382515	-2.61428	0.131518	0.4716	-2.12044	0.128055	0.467889	-2.13726	0.0728771	0.397058	-2.51853	0.00462297	0.175576	-5.69554
cg03672066	C1QTNF7;C1QTNF7;C1QTNF7	0.000301521	0.0383584	0.642026	-1.55757	0.22621	0.790843	-1.26447	0.0102321	0.550032	-1.81808	0.142492	0.747432	-1.33791	9.96E-06	0.17346	-5.76503
cg04067612	C1QTNF7;C1QTNF7;C1QTNF7	0.000800089	0.0782654	0.599481	-1.66811	0.196129	0.699389	-1.42982	0.00096606	0.276607	-3.61524	0.188906	0.694833	-1.4392	5.21E-05	0.13822	-7.23482
cg06179228	C1QTNF7;C1QTNF7;C1QTNF7	0.00128678	0.0276151	0.494911	-2.02057	0.523489	0.839785	-1.19078	0.00225315	0.315185	-3.17274	0.722233	1.10119	1.10119	0.00118953	0.277119	-3.60855
cg01198391	C1QTNF7;C1QTNF7;C1QTNF7	0.00218971	0.000164657	0.181304	-5.5156	0.143429	0.658385	-1.51887	0.585112	0.863679	-1.15784	0.00212557	0.31732	-3.1514	0.189327	1.4472	1.4472
cg00545229	C1QTNF7;C1QTNF7;C1QTNF7	0.017999	0.161152	0.513708	-1.94663	0.756588	1.14842	1.14842	0.0156456	0.267424	-3.73939	0.658029	0.820146	-1.2193	0.00261415	0.156422	-6.39294
cg14547240	C1QTNF7;C1QTNF7;C1QTNF7	0.0406835	0.877007	1.0392	1.0392	0.908423	0.971836	-1.02898	0.00100004	0.297273	-3.36391	0.728187	0.917024	-1.09048	0.616923	0.882312	-1.13339
cg07360304	C1QTNF8	0.00041075	0.00866606	0.496942	-2.01231	0.0272817	1.72618	1.72618	0.00114879	2.71476	2.71476	0.0515289	1.58914	1.58914	0.000783268	0.345968	-2.89044
cg27256515	C1QTNF8	0.00216218	0.00287743	2.27282	2.27282	0.00667399	2.0235	2.0235	0.126727	1.3921	1.3921	0.105853	1.4244	1.4244	0.631693	0.90781	-1.10155
cg12451120	C1QTNF8	0.00416057	0.20086	1.49208	1.49208	0.00269056	3.41622	3.41622	0.323687	1.35246	1.35246	0.475892	1.23954	1.23954	0.962171	1.01415	1.01415
cg17198711	C1QTNF8	0.0154618	0.303891	1.23849	1.23849	0.0469733	1.57893	1.57893	0.848323	1.03921	1.03921	0.10435	0.700027	-1.42852	0.54997	0.885593	-1.12919
cg07774906	C1QTNF8	0.015774	0.00725879	0.619635	-1.61385	0.985438	0.997481	-1.00253	0.929011	1.01239	1.01239	0.0238174	0.688833	-1.45173	0.125669	1.25737	1.25737
cg09146900	C1QTNF8	0.0377111	0.226871	0.581916	-1.71846	0.150118	1.93159	1.93159	0.637275	0.816542	-1.22468	0.571309	0.78338	-1.27652	0.00136401	0.137612	-7.26679
cg05028929	C1QTNF8	0.0386716	0.224845	1.39562	1.39562	0.0209688	2.10087	2.10087	0.840085	1.05384	1.05384	0.572121	0.862105	-1.15995	0.745318	0.918859	-1.08831
cg04275030	C1QTNF9	0.00232446	0.269196	0.669936	-1.49268	0.193921	0.619731	-1.6136	0.000114498	0.0947698	-10.5519	0.0040005	0.26014	-3.84409	0.00107956	0.186325	-5.36695
cg18215726	C1QTNF9	0.0107095	0.035821	0.387011	-2.5839	0.919951	1.03985	1.03985	0.464224	0.748597	-1.33583	0.496102	1.30816	1.30816	0.000265612	0.0975248	-10.2538
cg27150486	C1QTNF9	0.022622	0.585048	0.918246	-1.08903	0.00417866	0.552302	-1.8106	0.0465659	0.702886	-1.42271	0.194489	0.808718	-1.23652	0.626621	0.926969	-1.07879
cg00448720	C1QTNF9	0.0248818	0.0468299	0.495726	-2.01724	0.85053	0.943489	-1.0599	0.0151722	0.398601	-2.50877	0.0442736	2.03904	2.03904	0.00656132	0.336638	-2.97055
cg04802210	C1QTNF9	0.0284822	0.0779315	0.394629	-2.53403	0.0735145	0.387862	-2.57824	0.00354415	0.153184	-6.52809	0.115008	0.44332	-2.25571	0.014951	0.241631	-4.13854
cg03587877	C1QTNF9B	0.000308417	0.0254843	0.631576	-1.58334	0.000546727	0.39471	-2.5335	0.387517	0.857862	-1.16569	9.73E-05	0.301417	-3.31766	0.000188011	0.336023	-2.97598
cg15634776	C1QTNF9B	0.00658559	0.00669823	0.343958	-2.90733	0.0080307	0.35679	-2.80277	0.00384521	0.306628	-3.26128	0.150702	0.626644	-1.5958	0.00385174	0.306738	-3.26011
cg22523074	C1QTNF9B	0.00674241	0.00761083	0.420696	-2.37702	0.00095552	0.288883	-3.46161	0.00459331	0.386033	-2.59045	0.069117	0.59863	-1.67048	0.0136654	0.463252	-2.15865
cg02406148	C1QTNF9B	0.0118684	0.0244881	0.352332	-2.83823	0.0626713	0.44246	-2.26009	0.00211257	0.185905	-5.37909	0.153813	0.551902	-1.81192	0.205268	0.594388	-1.6824
cg26204328	C1QTNF9B;PCOTH;PCOTH	0.00860246	0.00383976	0.598057	-1.67208	0.542152	1.08481	1.08481	0.00752593	0.635245	-1.5742	0.329787	0.875745	-1.14189	0.00105367	0.52768	-1.89509
cg16932285	C1R	0.00101107	0.0981936	0.728776	-1.37216	0.014766	1.68765	1.68765	0.0326648	0.646602	-1.54655	0.0336101	0.64861	-1.54176	0.784789	0.953374	-1.04891
cg11729019	C1R	0.0032824	0.000163288	0.208737	-4.79072	0.502283	1.18043	1.18043	0.0352686	0.550288	-1.81723	0.307282	0.773011	-1.29364	0.137124	0.677005	-1.4771
cg23368715	C1R	0.00494694	0.00254483	0.486277	-2.05644	0.713056	0.938384	-1.06566	0.13203	0.75587	-1.32298	0.342904	1.18322	1.18322	0.00192233	0.469496	-2.12994
cg16316042	C1R	0.00698268	0.00406849	0.212967	-4.69555	0.128862	0.517787	-1.93129	0.0278217	0.352505	-2.83684	0.463017	0.741119	-1.34931	0.00116121	0.147605	-6.77483
cg11751101	C1R	0.0310899	0.148854	1.88136	1.88136	0.453858	0.732382	-1.36541	0.0960551	0.474217	-2.10874	0.506468	1.31674	1.31674	0.108655	0.489534	-2.04276
cg08799922	C1R;C1R	0.00155075	0.00495118	3.83281	3.83281	0.000358179	7.90715	7.90715	0.0107148	3.18344	3.18344	0.00736684	3.47959	3.47959	0.857936	1.06683	1.06683
cg03802486	C1RL	0.00233636	0.342042	1.18184	1.18184	0.00569639	0.538574	-1.85676	0.000129051	0.321255	-3.11279	0.106934	0.740549	-1.35035	0.054188	0.688719	-1.45197
cg11024687	C1RL	0.0443242	0.0591913	0.4933	-2.02716	0.040312	0.455766	-2.19411	0.0984791	0.548223	-1.82408	0.27344	0.685185	-1.45946	0.343811	0.723624	-1.38193
cg01774310	C1RL;LOC283314	0.00463729	0.964818	0.995278	-1.00474	0.00264751	0.63997	-1.56257	0.0265446	0.754149	-1.326	0.807772	0.97418	-1.0265	0.011154	1.40689	1.40689
cg16483388	C1RL;LOC283314	0.0218756	0.464079	0.888745	-1.12518	0.278205	0.836551	-1.19538	0.449639	0.885206	-1.12968	0.217176	1.22815	1.22815	0.000650718	0.437156	-2.28751
cg27130630	C1RL;LOC283314	0.0299682	0.00285598	0.139414	-7.17287	0.0524185	0.3469	-2.88267	0.205166	0.526439	-1.89956	0.322321	1.63349	1.63349	0.137217	0.463771	-2.15624
cg17717549	C1RL;LOC283314	0.0420006	0.0916601	0.529821	-1.88743	0.00340685	0.256313	-3.90147	0.0148719	0.358932	-2.78604	0.396233	1.34602	1.34602	0.798822	1.09128	1.09128
cg24212392	C1S;C1S	8.81E-05	0.000677069	0.299042	-3.34402	6.63E-06	0.0975598	-10.2501	0.000126794	0.212296	-4.7104	0.013211	2.04145	2.04145	0.130595	0.684334	-1.46127
cg09709079	C1S;C1S	0.000476066	0.0488259	1.41033	1.41033	0.0226451	0.65898	-1.5175	3.81E-05	0.298968	-3.34484	0.000855538	0.465122	-2.14997	0.246666	1.20338	1.20338
cg20378628	C1S;C1S	0.00192016	0.34594	1.12857	1.12857	0.13964	0.820306	-1.21906	0.746054	1.04132	1.04132	0.00280466	0.59861	-1.67054	0.362629	0.889942	-1.12367

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08710757	0.852864	1.06937	1.06937	8.32E-05	0.0773931	-12.9211	0.000274819	0.116202	-8.60574	0.0452133	0.436046	-2.29333	12.5828	26.0079	1.83728	1
cg25995460	0.0274844	0.339839	-2.94257	0.000273611	0.0847746	-11.796	0.00198962	0.164113	-6.09335	0.00343498	0.193	-5.18135	10.2254	27.7452	2.41188	1
cg13168221	0.0147806	0.170775	-5.85565	0.00069251	0.0473266	-21.1298	0.00127606	0.0627713	-15.9309	0.00807198	0.135454	-7.38259	8.38819	46.1208	4.88738	1
cg17465569	0.752781	1.05154	1.05154	0.00278262	0.519043	-1.92662	0.0131115	0.613073	-1.63113	0.0496785	0.700413	-1.42773	6.67318	2.673	0.356053	1
cg10916651	0.128037	0.46745	-2.13927	0.00127883	0.114083	-8.76555	0.0033207	0.157549	-6.34721	0.0570354	0.369621	-2.70547	6.44258	21.7988	3.0076	1
cg18366830	0.596087	0.921391	-1.08532	0.201754	1.22913	1.22913	0.00254164	0.526753	-1.89842	0.00281742	0.532731	-1.87712	15.7789	5.85373	0.329763	1
cg18763854	0.154379	0.685646	-1.45848	0.226535	0.730281	-1.36934	0.00403218	0.384361	-2.60172	0.0406142	0.556972	-1.79542	9.88314	9.59177	0.862682	1
cg22477971	0.313545	1.69632	1.69632	0.00074174	0.0744955	-13.4236	0.00578601	0.159931	-6.2527	0.0407694	0.301972	-3.31157	6.55485	26.6847	3.61865	1
cg03941108	0.466039	0.790015	-1.2658	0.120429	0.585544	-1.70781	0.0773792	0.535889	-1.86606	0.00804943	0.340052	-2.94073	6.41639	10.2596	1.42131	1
cg27509381	0.0155433	0.570674	-1.75231	0.000361311	0.339204	-2.94807	0.12691	0.731927	-1.36626	7.32E-06	0.15432	-6.48003	48.4612	27.4246	0.50303	1
cg14827528	0.00333371	0.737497	-1.35594	0.00401768	1.34253	1.34253	0.553942	0.955398	-1.04668	0.501994	0.949398	-1.0533	7.83343	0.720552	0.0817637	1
cg21007116	0.330991	0.753637	-1.3269	0.996492	1.00124	1.00124	0.766079	0.91931	-1.08777	0.91806	0.971399	-1.02944	4.92376	6.20077	1.11943	1
cg20137147	0.374934	0.766563	-1.30452	0.00642093	0.355248	-2.81493	0.0148644	0.417035	-2.39788	0.148445	0.636057	-1.57219	4.21451	5.68793	1.19965	1
cg17137380	0.253562	1.16179	1.16179	0.0273854	1.3885	1.3885	0.804539	1.03168	1.03168	0.0283567	1.38469	1.38469	3.40718	0.853519	0.222672	1
cg17097874	0.487366	0.8763	-1.14116	6.41E-08	0.0325851	-30.6889	0.849642	0.965107	-1.03615	0.00178674	0.435221	-2.29768	45.2482	25.0967	0.493017	1
cg12775742	0.00198113	1.368	1.368	2.70E-05	0.551997	-1.8116	0.00250642	0.740009	-1.35133	0.000132874	0.621782	-1.60828	43.3132	3.52816	0.0724062	1
cg25600750	0.000321106	0.339279	-2.94742	0.289091	0.815197	-1.2267	0.119608	0.730834	-1.3683	0.00296681	0.468996	-2.13222	12.822	7.00104	0.485348	1
cg25882380	0.36792	0.823436	-1.21442	0.0203859	0.555901	-1.79888	0.0780828	0.662842	-1.50866	0.00593471	0.469612	-2.12942	9.47939	6.62436	0.621171	1
cg04522691	0.143562	0.660951	-1.51297	0.268264	0.739093	-1.35301	0.0212568	0.475716	-2.1021	0.115645	0.636722	-1.57055	8.68572	9.14208	0.818643	1
cg00136477	0.170257	1.54686	1.54686	0.204324	1.49194	1.49194	0.162039	0.640242	-1.56191	0.139671	0.622068	-1.60754	5.47401	7.73372	1.25583	1
cg11152959	0.0500742	1.3728	1.3728	0.061152	1.34884	1.34884	0.105153	0.777937	-1.28545	0.317907	1.15767	1.15767	3.57132	1.13765	0.283158	1
cg17104151	0.937365	1.02289	1.02289	0.00138003	0.263005	-3.8022	0.00991819	0.391449	-2.55461	0.2025	0.67882	-1.47315	6.58782	8.64911	1.16702	1
cg00164949	0.261715	1.22273	1.22273	?	?	?	2.94E-06	6.80318	6.80318	0.00446221	1.91865	1.91865	37.8193	15.717	0.415581	1
cg24945657	0.361796	1.07183	1.07183	0.000132377	0.612278	-1.63325	9.48E-06	0.493271	-2.02728	1.06E-05	0.498422	-2.00633	30.2755	2.62581	0.0770937	1
cg19226007	0.224814	1.31703	1.31703	0.00434267	2.27779	2.27779	0.0144861	1.91683	1.91683	0.933945	0.982255	-1.01807	9.4863	7.00897	0.656757	1
cg24042242	0.092412	0.632971	-1.57985	0.0460644	0.568657	-1.75853	0.936081	1.02	1.02	0.886238	1.03598	1.03598	9.10477	8.79257	0.85841	1
cg00416934	0.00245214	0.510612	-1.95844	0.000331693	0.396916	-2.51943	0.00913919	0.589718	-1.69572	0.245113	1.21399	1.21399	8.97645	3.61663	0.358135	1
cg03371613	0.00467266	0.268524	-3.72406	0.000909576	0.176551	-5.6641	0.00254336	0.231294	-4.3235	0.0325016	0.41687	-2.39883	8.72979	16.8979	1.72058	1
cg27436940	0.697545	0.869881	-1.14958	0.00205096	0.212144	-4.71378	0.154657	0.580569	-1.72245	0.238612	0.643679	-1.55357	5.9275	11.9603	1.79357	1
cg22791987	0.123639	0.492318	-2.03121	0.0119366	0.263668	-3.79265	0.354976	1.49832	1.49832	0.506587	0.751003	-1.33155	5.10922	14.6112	2.54203	1
cg02395846	0.344837	0.697099	-1.43452	0.140516	0.555452	-1.80034	0.0308114	2.5613	2.5613	0.512149	1.2796	1.2796	4.2798	9.32188	1.9361	1
cg21858380	0.115597	1.29185	1.29185	0.351634	1.15431	1.15431	0.279224	0.844998	-1.18343	0.367947	1.14849	1.14849	6.67486	2.36932	0.315521	1
cg20883684	0.084151	1.53896	1.53896	0.984516	1.00439	1.00439	0.00870997	0.470409	-2.12581	0.719404	1.08479	1.08479	4.05884	3.27202	0.716574	1
cg11873147	0.144866	3.57748	3.57748	0.115678	4.02332	4.02332	0.864999	1.14858	1.14858	0.16606	3.32782	3.32782	3.73263	39.1764	9.32948	1
cg17319142	0.0847505	0.508458	-1.96673	0.00434058	3.86651	3.86651	0.0381184	0.426228	-2.34616	0.565639	1.2288	1.2288	3.69798	7.37243	1.77212	1
cg24767634	1.14E-05	0.114851	-8.70693	0.00061896	0.294122	-3.39995	0.000279866	0.251537	-3.97556	9.06E-06	0.107364	-9.3141	34.4988	29.477	0.759498	1
cg02210543	0.000114695	0.209399	-4.77557	0.484328	1.17846	1.17846	0.00036538	0.267336	-3.74062	0.000322875	0.260813	-3.83417	22.7425	19.2278	0.751516	1
cg11880855	4.61E-05	4.28718	4.28718	0.0156778	0.571101	-1.751	0.00119232	2.45564	2.45564	0.713256	1.0723	1.0723	18.9947	10.7605	0.503556	1
cg08926571	0.00014445	0.203013	-4.92579	0.000665558	0.288692	-3.4639	0.000313664	0.24475	-4.08579	0.000122736	0.194729	-5.13534	22.9346	17.5404	0.594845	1
cg00919702	0.00631449	0.148341	-6.74122	0.00336717	8.49909	8.49909	0.0924689	2.70065	2.70065	0.0193064	0.219098	-4.56416	10.0023	45.6035	4.05271	1
cg00992317	0.00272371	0.235246	-4.25087	0.00208412	0.219863	-4.54829	0.095089	0.526613	-1.89893	0.00331225	0.24694	-4.04956	7.93784	15.3697	1.72112	1
cg25104555	0.281989	1.21299	1.21299	0.188593	0.786174	-1.27198	0.00168663	2.17087	2.17087	0.023419	1.59626	1.59626	4.17904	1.97412	0.419899	1
cg20047561	0.0335213	0.168948	-5.91897	0.608977	0.691156	-1.44685	0.656753	0.725982	-1.37745	0.152028	0.333314	-3.00017	3.79763	30.8315	7.21654	1
cg27393726	0.100563	0.295377	-3.38551	0.087475	3.59301	3.59301	0.241765	2.29485	2.29485	0.718246	0.782202	-1.27844	3.43582	25.0107	6.47058	1
cg21870776	0.0701111	0.839164	-1.19166	2.03E-05	0.474203	-2.1088	0.673648	1.03736	1.03736	0.153451	1.14152	1.14152	14.8171	1.75982	0.105573	1
cg12760869	0.0284509	4.62697	4.62697	0.000931418	18.6814	18.6814	0.00238898	12.2759	12.2759	0.0133821	6.13967	6.13967	6.81836	37.8973	4.94056	1
cg10246081	0.0135208	4.9243	4.9243	0.00114446	12.1067	12.1067	0.00166152	10.4492	10.4492	0.0246841	4.03498	4.03498	6.48462	27.9336	3.82903	1
cg25301767	0.428245	0.686257	-1.45718	0.164397	0.501265	-1.99495	0.00389924	0.16382	-6.10426	0.240543	0.564389	-1.77183	5.38184	18.472	3.05091	1
cg07848566	0.611816	1.11538	1.11538	0.079028	0.659617	-1.51603	0.00234241	0.404049	-2.47495	0.945247	1.01476	1.01476	4.54462	3.27677	0.64091	1
cg22212237	0.0221201	12.9245	12.9245	0.00404458	36.6221	36.6221	0.0110159	19.5798	19.5798	0.0259884	11.76	11.76	4.3287	59.6387	12.2467	1
cg14502850	0.0251414	2.07145	2.07145	0.0392605	0.520894	-1.91978	0.620746	1.14612	1.14612	0.122246	1.58086	1.58086	3.91447	4.63526	1.05256	1
cg03318924	0.250434	1.86166	1.86166	0.00505378	6.8104	6.8104	0.0183381	4.39803	4.39803	0.0332526	3.62476	3.62476	3.55458	15.0752	3.76984	1
cg08785577	0.614786	0.93786	-1.06626	0.000133551	2.30957	2.30957	0.0106144	0.666141	-1.50118	0.137874	0.817095	-1.22385	9.7562	2.46986	0.225029	1
cg05021636	0.530636	0.822715	-1.21549	5.81E-06	0.0436122	-22.9293	0.0409204	0.48437	-2.06454	0.178236	0.644384	-1.55187	15.2614	22.8145	1.32881	1
cg17758081	0.0107948	0.557797	-1.79277	8.99E-05	0.278791	-3.58692	0.0250092	0.615014	-1.62598	0.0603917	0.679735	-1.47116	11.5535	6.08061	0.46782	1
cg14020904	0.535866	1.28686	1.28686	0.000966074	7.21799	7.21799	0.016684	3.24027	3.24027	0.0289783	2.81707	2.81707	4.483	11.4912	2.27848	1
cg18689614	0.968972	1.01104	1.01104	1.31E-06	0.0301397	-33.1788	0.0122364	0.414338	-2.41349	0.000293422	0.189063	-5.28923	26.6935	33.6909	1.1219	1
cg12575429	0.120002	0.690706	-1.44779	7.41E-06	0.114721	-8.71679	0.1793	0.731286	-1.36745	0.00234252	0.393851	-2.53903	21.3213	16.253	0.677589	1
cg26292173	0.593856	0.915768	-1.09198	2.04E-05	0.244757	-4.08569	0.0310853	0.661197	-1.51241	0.331424	0.848893	-1.178	14.7073	6.22522	0.376245	1
cg26539042	0.700199	0.877981	-1.13898	1.42E-05	0.0478045	-20.9185	0.117715	0.564723	-1.77078	0.0128244	0.353615	-2.82794	13.8868	24.8793	1.59252	1
cg22258892	0.00778774	0.445953	-2.24239	0.0036008	0.393934	-2.5385	0.0175313	0.504968	-1.98032	0.163622	0.703724	-1.42101	11.7397	10.3867	0.78645	1
cg06097994	0.0875401	0.545651	-1.83267	3.35E-05	0.0755099	-13.2433	0.0101934	0.353269	-2.83071	0.0748028	0.528676	-1.89152	10.9526	17.8944	1.45227	1
cg08821738	0.158456	0.528149	-1.89341	6.92E-05	0.0460351	-21.7225	0.00914942	0.246162	-4.06237	0.0176108	0.294376	-3.39701	8.52184	24.2006	2.5243	1
cg06700275	0.0180589	0.31803	-3.14436	0.00608774	0.239671	-4.17239	0.0570956	0.423726	-2.36002	0.00300296	0.197269	-5.06923	7.02826	17.7111	2.23999	1
cg24917359	0.0583372	0.475152	-2.10459	0.000528076	0.152887	-6.54077	0.0805408	0.50956	-1.96248	0.192503	0.618913	-1.61574	6.35724	12.1819	1.70331	1
cg09967973	0.926757	1.02574	1.02574	0.00203534	0.300548	-3.32725	0.384364	0.78152	-1.27956	0.0124228	0.423191	-2.363	6.08961	7.36748	1.07542	1
cg13659928	0.374208	0.670927	-1.49047	0.000228918	0.0686788	-14.5605	0.383508	0.676388	-1.47844	0.0357629	0.34334	-2.91256	5.68834	17.2472	2.69513	1
cg08821600	0.282305	1.25809	1.25809	0.00394582	0.450742	-2.21856	0.418584	0.843788	-1.18513	0.284492	0.795746	-1.25668	4.52747	3.02815	0.594524	1
cg03643998	0.0452365	0.314101	-3.18369	0.049839	0.323773	-3.08858	0.25747	0.551161	-1.81435	0.415112	0.657103	-1.52183	3.627	14.5976	3.57751	1
cg24844534	0.675701	0.932294	-1.07262	0.00566204	0.546132	-1.83106	0.699277	0.937365	-1.06682	0.0376624	1.49446	1.49446	3.75151	1.64976	0.390897	1
cg05524529	0.0106405	2.33328	2.33328	0.000106385	0.164551	-6.07715	0.0696968	1.70772	1.70772	0.599283	0.86947	-1.15013	11.43	12.5985	0.979768	1
cg12586050	0.015993	0.580133	-1.72374	0.00809467	0.534695	-1.87023	0.631873	0.91474	-1.09321	0.444581	1.15475	1.15475	7.74171	4.17919	0.479846	1
cg07751793	0.494869	1.14268	1.14268	0.102909	0.709402	-1.40964	0.626887	0.910041	-1.09885	0.049925	1.53766	1.53766	3.94845	2.31552	0.521278	1
cg07816439	0.579461	1.11332	1.11332	0.0853877	0.694411	-1.44007	0.661861	0.919068	-1.08806	0.0318825	1.61975	1.61975	3.80648	2.21712	0.517742	1
cg25235638	0.530348	0.908306	-1.10095	0.0077875	1.67691	1.67691	0.073931	0.739808	-1.3517	0.0525087	1.39595	1.39595	5.97234	2.16538	0.322283	1
cg18752880	0.0683157	0.441439	-2.26532	0.00352748	0.204981	-4.8785	0.0157578	0.305632	-3.27191	0.209009	0.58828	-1.69987	3.77308	9.59156	2.25965	1
cg02282892	0.0234328	4.07528	4.07528	0.159605	0.458482	-2.18111	0.0674666	2.89545	2.89545	0.904228	0.93945	-1.06445	3.72232	15.8736	3.79062	1
cg20713525	0.0989923	1.54092	1.54092	0.123055	1.49089	1.49089	0.00434936	0.402185	-2.48642	0.8785	1.03725	1.03725	3.67686	3.32773	0.804485	1
cg06911753	0.211468	0.513028	-1.94921	0.000244554	21.6167	21.6167	0.0266714	3.78698	3.78698	0.0336594	3.51802	3.51802	13.7247	55.8764	3.61888	1
cg05537653	0.499587	0.762928	-1.31074	5.93E-05	18.7977	18.7977	0.00328498	4.86286	4.86286	0.134045	1.89267	1.89267	12.8326	31.6835	2.19465	1
cg18356785	0.52063	1.52979	1.52979	0.000281426	48.2506	48.2506	0.00196815	17.3897	17.3897	0.00479694	11.5167	11.5167	9.08608	61.3438	6.00125	1
cg27051260	0.967635	0.992524	-1.00753	0.00346693	0.480039	-2.08316	0.459278	1.14954	1.14954	0.188089	0.772618	-1.2943	5.94191	3.21921	0.481582	1
cg02848401	0.114379	0.556313	-1.79755	0.00619227	0.29552	-3.38387	0.17615	0.611939	-1.63415	0.00922612	0.32349	-3.09128	5.34497	9.87179	1.64172	1
cg19198483	0.496329	0.855034	-1.16954	0.00929862	0.473219	-2.11319	0.00778726	0.460837	-2.16997	0.847845	1.04452	1.04452	3.6383	2.96252	0.723787	1
cg15914011	0.0518808	1.23587	1.23587	0.0229573	1.2975	1.2975	0.584964	1.05422	1.05422	0.533157	0.941363	-1.06229	9.17897	1.33236	0.129025	1
cg09186818	0.140833	0.683339	-1.4634	0.00227219	0.358355	-2.79053	0.00577046	0.419159	-2.38573	0.0528401	0.589189	-1.69725	6.4881	5.93735	0.813434	1
cg21504757	0.0590075	0.455324	-2.19624	0.00734015	0.279375	-3.57942	0.00392786	0.238838	-4.18694	0.0496023	0.437561	-2.2854	5.05083	10.8913	1.91674	1
cg19002131	0.0659855	0.375076	-2.66613	0.00486774	0.169532	-5.89859	0.00879491	0.20471	-4.88495	0.318879	0.612777	-1.63192	4.07438	14.5851	3.18197	1
cg26143719	0.261977	0.679335	-1.47203	0.00252447	0.250054	-3.99914	0.00963199	0.33854	-2.95386	0.444668	0.772931	-1.29378	5.2266	9.04468	1.53823	1
cg19379102	0.0235306	0.370548	-2.6987	0.0998631	0.51591	-1.93832	0.821158	0.920258	-1.08665	0.289498	0.667963	-1.49709	3.81191	8.13259	1.89642	1
cg23671006	0.0370949	0.32669	-3.061	0.280479	0.595412	-1.67951	0.0402711	0.334494	-2.98959	0.138289	0.478279	-2.09083	3.5379	11.9697	3.00735	1
cg01612003	0.60834	0.870643	-1.14858	0.635411	1.13656	1.13656	0.658153	1.12676	1.12676	0.00440995	0.36109	-2.76939	7.16506	8.15101	1.0112	1
cg10107529	0.102751	1.46691	1.46691	0.0396852	0.600188	-1.66615	0.103671	1.46514	1.46514	0.0167388	0.534312	-1.87156	5.68708	4.14925	0.648527	1
cg25106707	0.0799447	0.477474	-2.09436	0.00462867	0.238488	-4.19308	0.172842	1.73663	1.73663	0.174737	0.577403	-1.73189	5.01337	11.4944	2.038	1
cg05551114	0.0154143	0.443566	-2.25445	7.31E-05	0.13905	-7.19165	0.111777	0.62277	-1.60573	0.000290952	0.198792	-5.03038	25.574	30.2862	1.05267	1
cg01939704	0.329862	0.819221	-1.22067	0.00734671	0.503985	-1.98419	0.101506	0.700796	-1.42695	0.00110685	0.385454	-2.59434	15.8162	9.85048	0.553607	1
cg06097727	0.18161	0.69808	-1.4325	0.00158301	0.316763	-3.15694	0.121243	0.653208	-1.53091	0.000875804	0.282278	-3.54261	13.7014	13.9413	0.904456	1
cg06742778	0.50875	0.928935	-1.0765	0.362054	1.10852	1.10852	0.425013	0.914306	-1.09373	0.000796513	0.572898	-1.74551	8.97649	1.71928	0.17025	1
cg22109796	0.0310086	2.47426	2.47426	0.983679	0.992708	-1.00735	0.163426	0.587337	-1.7026	0.00702722	0.287412	-3.47932	8.63345	17.5025	1.80203	1
cg07538039	0.161301	0.538281	-1.85777	0.807683	0.903959	-1.10625	0.0810117	0.448878	-2.22777	0.000622226	0.113082	-8.84314	8.50028	23.0779	2.4133	1
cg25241662	0.497912	0.875461	-1.14226	0.0296525	1.64025	1.64025	0.784686	0.948439	-1.05436	0.00567641	0.495916	-2.01647	6.65917	3.94052	0.525994	1
cg11290265	0.660976	0.899158	-1.11215	0.411095	1.22439	1.22439	0.215007	0.73025	-1.36939	0.00218128	0.35507	-2.81635	3.67395	3.37563	0.816711	1
cg03290977	0.384136	0.662342	-1.50979	0.140254	0.480695	-2.08032	0.893309	1.06391	1.06391	0.00847198	0.2119	-4.71921	3.52013	11.8824	3.0005	1
cg03672066	5.39E-05	0.248985	-4.01631	0.153537	0.754138	-1.32602	0.304863	0.821841	-1.21678	0.514381	0.885062	-1.12986	16.4274	8.8717	0.48005	1
cg04067612	0.559557	0.856979	-1.16689	0.00500184	0.378485	-2.64212	0.00895688	2.38586	2.38586	0.0920276	0.615615	-1.62439	12.5317	13.5797	0.963228	1
cg06179228	0.448082	0.811563	-1.23219	0.000141332	0.169747	-5.89113	0.0501349	1.82785	1.82785	0.0166666	0.454129	-2.20202	10.9511	12.6491	1.02672	1
cg01198391	0.826744	0.943391	-1.06001	0.826413	1.06013	1.06013	0.0892365	0.607629	-1.64574	0.00146118	0.294729	-3.39295	9.39016	10.5101	0.994908	1
cg00545229	0.960542	0.97822	-1.02226	0.0109184	0.241226	-4.14549	0.0974622	2.24659	2.24659	0.131842	0.484841	-2.06253	4.87522	15.296	2.78889	1
cg14547240	0.164528	1.44511	1.44511	0.471974	0.833899	-1.19919	0.911462	0.972762	-1.028	0.0904279	0.629267	-1.58915	3.6602	3.57318	0.867757	1
cg07360304	0.0741816	0.659801	-1.51561	0.00026051	0.285051	-3.50815	0.0866382	1.48516	1.48516	0.199445	0.753275	-1.32754	15.0894	10.4377	0.614867	1
cg27256515	0.00581777	2.06126	2.06126	0.00127468	2.56275	2.56275	0.000241126	3.37551	3.37551	0.0327765	1.64903	1.64903	9.42497	5.98683	0.564631	1
cg12451120	0.359128	1.3222	1.3222	0.000109164	7.52857	7.52857	0.0110559	2.57013	2.57013	0.097876	1.71238	1.71238	7.75979	10.783	1.2352	1
cg17198711	0.027322	1.68965	1.68965	0.00620125	2.04799	2.04799	0.002695	2.29994	2.29994	0.801781	1.05183	1.05183	5.12894	3.27763	0.568041	1
cg07774906	0.464508	0.902235	-1.10836	0.0108508	1.55595	1.55595	0.716289	0.950812	-1.05173	0.0375272	1.39586	1.39586	5.09503	1.54111	0.268865	1
cg09146900	0.129555	0.497143	-2.0115	0.147241	0.514945	-1.94196	0.379086	1.46973	1.46973	0.466269	0.728776	-1.37216	3.76362	10.8548	2.56368	1
cg05028929	0.91787	0.973587	-1.02713	0.0826318	0.602392	-1.66005	0.310855	1.31459	1.31459	0.00489129	0.36301	-2.75474	4.07659	4.25633	0.812069	1
cg04275030	0.29131	0.68305	-1.46402	0.00888978	0.31381	-3.18664	0.645372	0.851026	-1.17505	0.0338279	0.422066	-2.3693	9.22733	17.7098	1.70602	1
cg18215726	0.127433	0.526928	-1.89779	0.166506	0.563608	-1.77428	0.630744	1.20714	1.20714	0.258888	1.58069	1.58069	5.78211	13.8357	2.12698	1
cg27150486	0.0041625	0.552073	-1.81135	0.034183	0.682301	-1.46563	0.288257	0.843212	-1.18594	0.0107544	0.60913	-1.64169	4.51053	1.70926	0.336844	1
cg00448720	0.0833014	0.553678	-1.8061	0.0543156	0.510003	-1.96077	0.433883	0.781742	-1.27919	0.344838	0.740801	-1.34989	4.36442	6.57234	1.33857	1
cg04802210	0.0529195	0.35198	-2.84107	0.015721	0.24534	-4.07598	0.029235	0.295414	-3.38508	0.0841313	0.403704	-2.47706	4.16264	14.8538	3.17187	1
cg03587877	0.0258303	0.632501	-1.58103	0.0648684	0.698464	-1.43171	0.00126746	0.443022	-2.25722	9.00E-05	0.297448	-3.36193	16.326	7.74702	0.421797	1
cg15634776	0.018946	0.422196	-2.36857	0.00273814	0.285144	-3.507	0.0240619	0.441954	-2.26268	0.0175512	0.416028	-2.40368	6.74194	9.83225	1.29633	1
cg22523074	0.0399719	0.549378	-1.82024	0.020005	0.49251	-2.03042	0.00501569	0.391943	-2.55139	0.110982	0.645271	-1.54974	6.69281	6.74711	0.896101	1
cg02406148	0.0019847	0.182628	-5.47562	0.289625	0.651907	-1.53396	0.059322	0.436616	-2.29034	0.00555073	0.242122	-4.13015	5.59347	13.4236	2.13322	1
cg26204328	0.570869	1.07849	1.07849	0.349268	1.13555	1.13555	0.336207	0.877375	-1.13976	0.0736407	0.768667	-1.30095	6.20048	1.7092	0.245028	1
cg16932285	4.62E-05	0.261362	-3.82611	0.577199	0.906434	-1.10322	0.0467378	0.67222	-1.48761	0.00171915	0.458223	-2.18234	11.7299	5.65235	0.428336	1
cg11729019	0.699204	0.909749	-1.0992	0.00203356	0.346548	-2.8856	0.0493942	0.579074	-1.7269	0.00530672	0.408594	-2.44742	8.33207	7.83129	0.835464	1
cg23368715	0.183149	0.784126	-1.27531	0.00315783	0.499324	-2.00271	0.00306597	0.497532	-2.00992	0.683775	1.07305	1.07305	7.36253	3.45672	0.417335	1
cg16316042	0.025987	0.346518	-2.88585	0.00210034	0.176373	-5.66981	0.763233	0.885889	-1.12881	0.0175938	0.313969	-3.18503	6.62023	16.8643	2.26434	1
cg11751101	0.362376	1.46545	1.46545	0.00615119	0.232466	-4.30171	0.0104609	0.268323	-3.72686	0.755577	1.13595	1.13595	4.03526	10.6495	2.34588	1
cg08799922	0.13449	1.79076	1.79076	0.0072215	0.286017	-3.49629	0.769357	1.112	1.112	0.00439797	3.94696	3.94696	10.3796	21.4299	1.83521	1
cg03802486	0.985401	1.00313	1.00313	0.786902	0.954809	-1.04733	0.00104899	0.437117	-2.28772	0.197829	0.792709	-1.2615	9.21351	4.25015	0.410041	1
cg11024687	0.218724	0.65109	-1.53589	0.00153257	0.220349	-4.53826	0.417142	0.759524	-1.31661	0.0547458	0.485426	-2.06005	3.54553	6.17888	1.54909	1
cg01774310	0.136237	0.841738	-1.18802	0.180897	0.858598	-1.16469	0.0445596	1.28086	1.28086	0.00600833	1.47	1.47	7.50888	1.36961	0.162132	1
cg16483388	0.359902	1.16066	1.16066	0.350831	1.16414	1.16414	0.0753182	0.730946	-1.36809	0.989037	1.00218	1.00218	4.56281	1.81032	0.352672	1
cg27130630	0.223774	0.541466	-1.84684	0.00606964	0.17909	-5.58379	0.286113	0.587596	-1.70185	0.666367	0.812048	-1.23145	4.08837	14.9176	3.24337	1
cg17717549	0.55034	0.813278	-1.22959	0.0601792	0.484281	-2.06492	0.274368	0.677729	-1.47552	0.790232	0.912846	-1.09548	3.61731	6.70208	1.64692	1
cg24212392	0.002243	0.370063	-2.70224	0.375244	0.809421	-1.23545	0.00318019	0.392191	-2.54978	0.001855	0.3583	-2.79095	22.905	19.5818	0.759924	1
cg09709079	0.532972	0.908005	-1.10132	0.00685175	1.70773	1.70773	0.0945866	0.755178	-1.32419	0.451137	0.889291	-1.12449	14.4862	5.35835	0.328795	1
cg20378628	0.0749976	0.781069	-1.2803	0.0018517	0.576562	-1.73442	0.00082689	0.533913	-1.87297	0.000388774	0.494151	-2.02367	9.75692	2.39963	0.218615	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15626285	C1S;C1S	0.00412962	0.652623	0.848791	-1.17815	0.400111	0.73224	-1.36567	0.0325873	0.40455	-2.47188	0.404739	0.734581	-1.36132	0.0191776	0.358664	-2.78812
cg13053396	C1S;C1S	0.00534952	0.303804	0.733822	-1.36273	0.0509373	0.524067	-1.90815	0.00437378	0.330846	-3.02255	0.36616	1.3097	1.3097	0.000387966	0.193145	-5.17745
cg05538432	C1S;C1S	0.0302245	0.556046	1.16314	1.16314	0.0938802	0.62655	-1.59604	0.094699	0.62742	-1.59383	0.201978	0.7104	-1.40766	0.91726	0.973972	-1.02672
cg21622186	C1S;C1S	0.0457223	0.0708221	0.713104	-1.40232	0.255005	0.819492	-1.22027	0.00444019	0.52948	-1.88864	0.128446	1.31686	1.31686	0.352454	0.851908	-1.17384
cg22402467	C1S;C1S;C1S;C1S	0.0038161	0.151591	1.53505	1.53505	0.00113286	3.80376	3.80376	0.265531	1.38216	1.38216	0.85809	1.05119	1.05119	0.737425	1.0984	1.0984
cg04917688	C1orf100	0.00094511	0.157904	1.08447	1.08447	0.000225325	0.719255	-1.39033	0.00355631	0.808835	-1.23635	0.753307	1.01708	1.01708	0.0728863	1.11344	1.11344
cg21304285	C1orf100	0.00234916	0.0222288	0.513141	-1.94878	0.019109	0.501352	-1.99461	0.0258237	0.525039	-1.90462	0.75605	0.926941	-1.07882	0.000220519	0.223489	-4.4745
cg26108836	C1orf100	0.0206505	0.10419	1.19413	1.19413	0.110481	0.840539	-1.18971	0.0558643	0.805453	-1.24154	0.584026	1.05678	1.05678	0.918298	0.989805	-1.0103
cg08916179	C1orf100	0.0222927	0.477592	0.720019	-1.38885	0.481262	1.38494	1.38494	0.0442939	0.349593	-2.86047	0.285984	0.604057	-1.65547	0.00439018	0.177212	-5.64294
cg20802333	C1orf100	0.0377605	0.167374	0.368277	-2.71535	0.00124558	0.0407074	-24.5656	0.0365866	0.192303	-5.20013	0.886892	1.10142	1.10142	0.100511	0.294905	-3.39093
cg23280730	C1orf100	0.0402745	0.067651	0.70441	-1.41963	0.462206	0.879762	-1.13667	0.0219091	0.624583	-1.60107	0.425982	0.870106	-1.14928	0.12101	0.749921	-1.33347
cg00806311	C1orf101;C1orf101	0.000230529	0.00259315	0.355483	-2.81307	0.00135232	3.16852	3.16852	0.825234	1.05633	1.05633	0.3249	1.28647	1.28647	0.000403739	0.248148	-4.02986
cg00170536	C1orf101;C1orf101	0.00329697	0.620289	1.10794	1.10794	0.00046965	3.08988	3.08988	0.00269322	2.34211	2.34211	0.971908	1.00725	1.00725	0.801573	0.949633	-1.05304
cg20311002	C1orf101;C1orf101	0.00452044	0.830918	1.05496	1.05496	0.202561	0.714185	-1.4002	0.000184905	0.205916	-4.85634	0.0274249	0.520602	-1.92085	0.563021	0.863892	-1.15755
cg13938876	C1orf101;C1orf101	0.0400737	0.525945	0.89759	-1.11409	0.057039	1.43621	1.43621	0.866336	0.972076	-1.02873	0.00950384	0.575594	-1.73733	0.00848897	0.568458	-1.75914
cg24304712	C1orf101;C1orf101	0.0481343	0.539388	1.19856	1.19856	0.0151946	2.38498	2.38498	0.00561434	2.88573	2.88573	0.656837	0.8778	-1.13921	0.814411	0.933755	-1.07094
cg23658744	C1orf103;C1orf103	4.19E-06	0.24487	0.723004	-1.38312	0.188023	1.45055	1.45055	3.87E-06	0.0567364	-17.6254	3.32E-07	52.0133	52.0133	0.510911	1.19458	1.19458
cg02638057	C1orf103;C1orf103	3.34E-05	0.101649	0.675951	-1.4794	0.053605	1.61907	1.61907	0.747641	0.932766	-1.07208	2.87E-06	16.5612	16.5612	0.950726	0.986771	-1.01341
cg15566506	C1orf103;C1orf103	4.03E-05	3.83E-06	8.78668	8.78668	3.92E-05	4.8896	4.8896	0.723574	1.07424	1.07424	0.00109689	2.64043	2.64043	0.11109	0.704645	-1.41915
cg16692922	C1orf103;C1orf103	5.56E-05	2.95E-05	0.257098	-3.88957	0.000360362	0.386995	-2.58401	0.0017709	0.477752	-2.09314	0.00125746	0.457772	-2.18449	0.00679506	1.78951	1.78951
cg09025040	C1orf103;C1orf103	0.000179966	6.61E-05	0.366824	-2.7261	0.838799	0.972469	-1.02831	0.0010712	1.93935	1.93935	0.208173	0.833712	-1.19946	0.250621	0.848295	-1.17883
cg01011619	C1orf103;C1orf103	0.000209386	0.946865	0.985528	-1.01468	0.450561	1.18312	1.18312	0.187678	1.35716	1.35716	1.72E-06	13.7174	13.7174	0.0498044	1.63135	1.63135
cg19641455	C1orf103;C1orf103	0.000296534	0.0596917	0.688604	-1.45221	0.00167966	2.20017	2.20017	0.27503	0.819233	-1.22065	0.00823323	1.81013	1.81013	4.69E-05	0.25975	-3.84986
cg17798320	C1orf103;C1orf103	0.000578156	0.967508	0.993121	-1.00693	0.111226	0.745252	-1.34183	0.00286026	0.498833	-2.00468	4.61E-05	0.271407	-3.68451	0.596058	1.0949	1.0949
cg08541521	C1orf103;C1orf103	0.000774696	0.637676	0.923873	-1.0824	0.932757	1.01419	1.01419	2.13E-05	4.17354	4.17354	0.891644	0.977507	-1.02301	0.158454	0.777524	-1.28613
cg02605776	C1orf103;C1orf103	0.00258199	0.0374419	2.06399	2.06399	0.741536	1.10442	1.10442	0.040075	0.490682	-2.03798	0.062604	1.87537	1.87537	0.00069465	0.211611	-4.72566
cg04879281	C1orf103;C1orf103	0.00294855	0.00134603	13.7039	13.7039	0.0024746	10.6411	10.6411	0.125843	2.53676	2.53676	0.00469671	8.2625	8.2625	?	?	?
cg02838118	C1orf103;C1orf103	0.00338699	0.144205	0.594987	-1.68071	0.202588	1.56086	1.56086	0.000119994	9.25606	9.25606	0.933715	1.02791	1.02791	?	?	?
cg09319202	C1orf103;C1orf103	0.0318183	0.291188	0.825145	-1.21191	0.02931	0.637312	-1.56909	0.239199	0.805505	-1.24146	0.0486884	1.48452	1.48452	0.322073	1.19661	1.19661
cg18248911	C1orf103;C1orf103;C1orf103	7.23E-05	0.882707	1.0269	1.0269	0.926998	0.98366	-1.01661	0.000169939	3.15668	3.15668	2.33E-06	7.90858	7.90858	0.0532573	0.673828	-1.48406
cg15139482	C1orf103;C1orf103;C1orf103;C1orf103	4.28E-06	0.0105004	0.604667	-1.6538	0.00281543	0.525785	-1.90192	0.00257946	0.520666	-1.92062	3.32E-07	10.1252	10.1252	1.14E-05	0.233277	-4.28675
cg26522319	C1orf103;C1orf103;C1orf103;C1orf103	0.000250922	0.0372587	2.40152	2.40152	0.026495	0.385516	-2.59393	0.353852	0.707757	-1.41291	2.35E-05	21.3439	21.3439	0.144595	0.56676	-1.76441
cg04577625	C1orf103;C1orf103;C1orf103;C1orf103	0.000738587	0.834299	0.974478	-1.02619	0.819427	1.02862	1.02862	0.213223	1.1756	1.1756	0.000231578	2.12593	2.12593	0.286706	1.1463	1.1463
cg11787288	C1orf103;C1orf103;C1orf103;C1orf103	0.0411778	0.606709	0.608578	-1.64317	0.819269	1.2444	1.2444	0.301799	0.35795	-2.79368	0.00856753	27.99	27.99	0.206799	0.27743	-3.60451
cg11841239	C1orf105	0.000652434	0.0156817	0.583985	-1.71237	0.0957616	0.717292	-1.39413	0.0153024	1.71724	1.71724	0.101292	0.721919	-1.3852	1.30E-05	0.189871	-5.26674
cg00501765	C1orf105	0.00112127	0.000804074	0.633733	-1.57795	0.218997	1.12365	1.12365	0.994124	1.00066	1.00066	0.487103	0.938312	-1.06574	0.00022895	0.575792	-1.73674
cg07311881	C1orf105	0.0013302	0.0901699	0.644042	-1.55269	0.331531	1.26623	1.26623	0.434692	1.20659	1.20659	0.378111	1.23746	1.23746	0.000232444	0.237173	-4.21633
cg25208892	C1orf105	0.00447639	0.736154	0.917946	-1.08939	0.160543	1.46156	1.46156	0.277505	1.33097	1.33097	0.495892	1.1913	1.1913	0.000117163	0.181232	-5.51779
cg13236481	C1orf105	0.0210441	0.00443217	0.374014	-2.6737	0.0197406	0.482285	-2.07346	0.70528	1.10341	1.10341	0.0393347	0.539315	-1.8542	0.0264405	0.505804	-1.97705
cg02288969	C1orf105;PIGC;PIGC	0.000244315	0.00345767	0.370002	-2.70269	0.00466713	0.389793	-2.56546	0.00919474	0.436803	-2.28936	0.000129901	5.28468	5.28468	0.00510362	0.395808	-2.52648
cg08587864	C1orf105;PIGC;PIGC	0.00445971	0.00336071	0.188369	-5.30872	0.00250262	0.172547	-5.79551	0.010314	0.258649	-3.86624	0.188926	0.558585	-1.79024	0.00307865	0.183558	-5.44786
cg07720789	C1orf105;PIGC;PIGC	0.0102202	0.0278642	0.332132	-3.01085	0.005288	0.210303	-4.75504	0.00300738	0.17811	-5.61451	0.0929587	2.18998	2.18998	0.0195315	0.302109	-3.31007
cg03748243	C1orf105;PIGC;PIGC	0.0188218	0.043514	0.316681	-3.15775	0.0189194	0.244629	-4.08783	0.0119345	0.211398	-4.73041	0.0241731	3.78664	3.78664	0.0402731	0.309228	-3.23386
cg26525767	C1orf106	0.00793895	0.71254	0.915821	-1.09192	0.295439	0.772742	-1.29409	0.0773722	0.627177	-1.59445	0.295211	1.29426	1.29426	0.762258	0.930444	-1.07476
cg16564156	C1orf106	0.0400746	0.0629698	0.484484	-2.06405	0.00383759	0.259223	-3.85768	0.0363736	0.430505	-2.32285	0.144675	0.581148	-1.72073	0.025705	0.399368	-2.50395
cg00909514	C1orf106	0.0411424	0.708544	0.9126	-1.09577	0.720585	1.09142	1.09142	0.245523	1.34424	1.34424	0.488001	0.842318	-1.1872	0.106371	0.650858	-1.53643
cg16409409	C1orf106	0.0457288	0.0480339	0.201686	-4.95821	0.0154815	0.121959	-8.19948	0.113122	0.294775	-3.39242	0.0635671	0.228157	-4.38295	0.026699	0.155654	-6.42452
cg13419869	C1orf106;C1orf106	5.51E-05	0.340126	1.17907	1.17907	0.00176976	0.474242	-2.10863	0.484483	1.12641	1.12641	0.0332437	0.659017	-1.51741	0.000326303	0.377908	-2.64614
cg18279842	C1orf106;C1orf106	0.00189115	0.155605	0.726241	-1.37695	0.0919885	1.47774	1.47774	0.000418129	0.307938	-3.2474	0.643447	1.10311	1.10311	0.00125964	0.371135	-2.69444
cg11150074	C1orf106;C1orf106	0.0154549	0.115318	0.580188	-1.72358	0.0892128	0.551033	-1.81477	0.359792	0.741269	-1.34904	0.714987	0.889924	-1.12369	0.0194249	0.407157	-2.45606
cg00971747	C1orf106;C1orf106	0.0198374	0.0222656	0.447039	-2.23694	0.231685	0.691671	-1.44577	0.247939	0.7012	-1.42613	0.0513907	0.521099	-1.91902	0.00717852	0.360609	-2.77309
cg03978041	C1orf106;C1orf106	0.0236982	0.647328	1.10292	1.10292	0.0300537	1.72058	1.72058	0.308221	0.799078	-1.25144	0.580607	1.12601	1.12601	0.0418573	0.607257	-1.64675
cg16257559	C1orf106;C1orf106	0.0299517	0.0473951	0.5977	-1.67308	0.549429	0.871595	-1.14732	0.156349	0.708899	-1.41064	0.686666	0.912095	-1.09638	0.00110636	0.335924	-2.97687
cg06834507	C1orf106;C1orf106	0.0406253	0.282087	0.790755	-1.26461	0.0996149	0.684511	-1.4609	0.00526111	0.46168	-2.166	0.0331503	0.592696	-1.6872	0.0144954	0.531196	-1.88254
cg05527609	C1orf107	0.00746345	0.0741629	2.9145	2.9145	0.846809	1.10957	1.10957	0.19238	0.476283	-2.09959	0.685933	0.803687	-1.24426	0.000176631	0.0327779	-30.5083
cg26373171	C1orf107	0.00947236	0.470596	1.0629	1.0629	0.0763302	0.848839	-1.17808	0.0128621	0.773579	-1.29269	0.860515	0.985488	-1.01473	0.014287	1.28546	1.28546
cg09163369	C1orf107	0.0125316	0.0215162	3.35535	3.35535	0.0184461	0.285584	-3.50159	0.0869716	0.436631	-2.29026	0.0766849	0.421806	-2.37076	0.00737342	0.22007	-4.544
cg03753785	C1orf107	0.0197266	0.735695	0.925177	-1.08087	0.0525311	1.65866	1.65866	0.297133	1.28161	1.28161	0.021257	1.88812	1.88812	0.00181958	0.361561	-2.76578
cg04238303	C1orf107	0.0211228	0.218872	0.667912	-1.4972	0.216584	0.66643	-1.50053	0.092537	0.561145	-1.78207	0.0102952	0.364546	-2.74314	0.000581058	0.190036	-5.26217
cg23166289	C1orf107	0.045487	0.0488301	2.61056	2.61056	0.029712	0.335752	-2.97839	0.301214	0.633261	-1.57913	0.118259	0.485106	-2.0614	0.0357253	0.352614	-2.83596
cg04100048	C1orf107;C1orf107	0.0233145	0.254574	1.1105	1.1105	0.0175855	1.28985	1.28985	0.21247	1.12266	1.12266	0.133763	1.15314	1.15314	0.199382	0.887395	-1.12689
cg22501998	C1orf109	0.00225816	0.118511	0.322271	-3.10297	0.00131513	0.0439807	-22.7373	0.00242411	0.0595223	-16.8004	0.000140535	0.0123813	-80.7667	?	?	?
cg16926734	C1orf109	0.0033698	0.732502	0.937959	-1.06614	0.77387	0.947641	-1.05525	0.261654	0.803706	-1.24424	0.396224	0.850279	-1.17608	3.33E-05	0.222424	-4.49591
cg06639121	C1orf109	0.0044829	0.0314377	0.46451	-2.15281	0.271225	1.41628	1.41628	0.285277	0.713752	-1.40105	0.519331	1.21955	1.21955	0.9158	0.968378	-1.03266
cg14654194	C1orf109	0.00640672	0.385916	0.860255	-1.16245	0.924016	1.01629	1.01629	0.335766	1.18304	1.18304	0.000206734	0.349149	-2.8641	0.585405	1.09777	1.09777
cg14170840	C1orf109	0.0103463	0.0572194	0.163906	-6.10104	0.000517189	0.0105324	-94.9455	0.263449	0.375314	-2.66443	0.210936	0.330207	-3.02841	0.0279688	0.112726	-8.87104
cg11338033	C1orf109	0.0296955	0.673416	0.810248	-1.23419	0.129806	2.25309	2.25309	0.562269	1.33752	1.33752	0.339444	1.63022	1.63022	0.0019428	0.113504	-8.81022
cg26649834	C1orf109;C1orf109	0.0281822	0.00265955	0.654858	-1.52705	0.115245	0.839926	-1.19058	0.114977	0.839799	-1.19076	0.0414401	0.786978	-1.27068	0.124083	0.843967	-1.18488
cg07997689	C1orf109;C1orf109	0.0287747	0.46744	1.08058	1.08058	0.339528	0.901967	-1.10869	0.0389888	0.778446	-1.28461	0.753991	1.0335	1.0335	0.15609	1.17238	1.17238
cg01450736	C1orf110	0.000831588	0.162557	0.656535	-1.52315	5.93E-05	0.122847	-8.14021	0.0251777	0.471691	-2.12003	0.000444375	0.209185	-4.78046	0.000505434	0.215646	-4.63722
cg15202353	C1orf110	0.00230216	0.877465	0.964619	-1.03668	0.190711	1.38194	1.38194	0.277063	0.768027	-1.30204	0.0230299	1.8864	1.8864	7.93E-05	0.189176	-5.28608
cg20511534	C1orf110	0.0059365	0.0447734	1.22017	1.22017	0.0350336	0.808836	-1.23634	0.0120856	0.763155	-1.31035	0.00231507	0.692386	-1.44428	0.333153	1.09006	1.09006
cg10126398	C1orf110	0.0271808	0.575218	0.81804	-1.22243	0.0128605	0.33428	-2.99151	0.0768515	0.497591	-2.00968	0.511939	0.789816	-1.26612	0.0080423	0.299857	-3.33493
cg13446200	C1orf113;C1orf113	1.30E-06	0.000723113	0.474761	-2.10633	4.50E-06	4.60766	4.60766	6.76E-05	2.87629	2.87629	0.000373465	2.28045	2.28045	0.00018299	0.400016	-2.4999
cg03506609	C1orf113;C1orf113	0.00465134	0.289411	0.806863	-1.23937	0.000516938	2.8781	2.8781	0.00622246	2.00572	2.00572	0.291258	1.23828	1.23828	0.806313	0.953191	-1.04911
cg18318765	C1orf113;C1orf113	0.00779148	0.129187	0.740608	-1.35024	0.873638	1.02958	1.02958	0.35505	0.840088	-1.19035	0.668065	0.924033	-1.08221	0.000966291	0.406645	-2.45915
cg12679760	C1orf113;C1orf113	0.0141604	0.00989776	8.28379	8.28379	0.0285535	5.34538	5.34538	0.196227	2.42689	2.42689	0.0526459	4.17576	4.17576	0.447889	1.65173	1.65173
cg02993069	C1orf113;C1orf113	0.0371515	0.291547	1.48912	1.48912	0.425755	1.34435	1.34435	0.616807	1.20147	1.20147	0.394789	1.37314	1.37314	0.66225	0.852217	-1.17341
cg24808280	C1orf114	0.00103732	0.00239131	0.208807	-4.78912	0.22483	1.56853	1.56853	0.27963	1.48619	1.48619	0.000156454	0.0834091	-11.9891	0.108937	1.86064	1.86064
cg23818870	C1orf114	0.00279552	0.746924	1.03117	1.03117	0.0840089	1.19869	1.19869	0.00156363	1.53849	1.53849	0.0827884	0.833518	-1.19973	0.801576	0.976413	-1.02416
cg12460071	C1orf114	0.00685538	0.094304	0.586672	-1.70453	0.0941079	1.70518	1.70518	0.0190049	0.438969	-2.27807	0.42878	1.26391	1.26391	0.000713389	0.224414	-4.45605
cg13380669	C1orf114	0.00809472	0.00320351	0.288529	-3.46586	0.0209397	0.423882	-2.35914	0.748663	0.905465	-1.10441	0.542134	0.826441	-1.21001	0.00296774	0.283746	-3.52428
cg20780850	C1orf114	0.0178865	0.942777	0.968319	-1.03272	0.679681	1.20466	1.20466	0.175933	0.524491	-1.90661	0.103163	2.22434	2.22434	0.00265753	0.155057	-6.44923
cg08104202	C1orf114	0.0324533	0.0253347	0.53718	-1.86157	0.564423	1.14589	1.14589	0.10356	1.51607	1.51607	0.207849	0.73314	-1.364	0.113165	0.668322	-1.49629
cg24596998	C1orf115	0.000233495	0.00332466	0.162051	-6.17089	0.000404341	12.9366	12.9366	0.0014026	8.21739	8.21739	0.000235326	16.046	16.046	0.0223677	0.287668	-3.47623
cg20150659	C1orf115	0.0013106	0.00164709	0.455624	-2.19479	0.185089	0.782553	-1.27787	0.0209223	0.615819	-1.62385	0.362123	1.17753	1.17753	4.39E-05	0.258834	-3.86348
cg09786013	C1orf115	0.00147503	0.318742	1.61267	1.61267	0.450641	1.42826	1.42826	0.0116841	4.31153	4.31153	0.000221833	17.3219	17.3219	0.374131	0.655025	-1.52666
cg03853809	C1orf115	0.00281294	0.0281413	0.292139	-3.42303	0.00260693	7.23666	7.23666	0.00357323	6.5088	6.5088	0.00552715	5.64408	5.64408	0.615815	0.786535	-1.2714
cg21852292	C1orf115	0.0039249	0.115012	0.706201	-1.41603	0.00440743	2.16312	2.16312	0.0015087	2.52927	2.52927	0.00986857	1.93843	1.93843	0.617906	0.90296	-1.10747
cg13560871	C1orf115	0.0114784	0.401001	1.07729	1.07729	0.271902	0.905696	-1.10412	0.164637	1.13701	1.13701	0.000508775	1.60046	1.60046	0.892649	1.01176	1.01176
cg24003560	C1orf115	0.0184009	0.0285267	0.202466	-4.93911	0.0479001	4.04644	4.04644	0.391182	1.72115	1.72115	0.132639	2.72607	2.72607	0.0398959	0.23038	-4.34065
cg17031631	C1orf116;C1orf116	0.000319275	0.835294	1.03737	1.03737	5.87E-05	3.71084	3.71084	0.322183	1.1975	1.1975	0.0162206	0.595595	-1.67899	0.42673	0.866732	-1.15376
cg20738274	C1orf116;C1orf116	0.000731333	0.00439582	0.333257	-3.00069	0.0275336	0.4709	-2.12359	0.000917629	0.239	-4.18409	0.00090492	0.238244	-4.19737	0.000210164	0.166782	-5.99586
cg01119135	C1orf116;C1orf116	0.0037885	0.410646	1.26426	1.26426	0.730213	0.908031	-1.10128	0.837718	1.05882	1.05882	0.809201	1.06974	1.06974	0.0100725	0.404518	-2.47208
cg03987221	C1orf116;C1orf116	0.0213506	0.980688	1.00274	1.00274	0.502537	0.925871	-1.08006	0.00297376	0.630424	-1.58623	0.398336	1.10282	1.10282	0.77723	0.968405	-1.03263
cg24054508	C1orf122;C1orf122;C1orf122;YRDC;C1orf122	0.0163999	0.272977	1.13231	1.13231	0.53519	0.933891	-1.07079	0.0139806	0.718504	-1.39178	0.527706	0.932686	-1.07217	0.757754	0.966866	-1.03427
cg04299080	C1orf122;C1orf122;YRDC	0.00060092	0.0261572	1.24555	1.24555	0.0893371	1.16871	1.16871	0.000637527	1.54722	1.54722	0.000935911	1.50824	1.50824	0.0223311	1.25589	1.25589
cg10981770	C1orf122;YRDC;C1orf122	0.0182433	0.0120121	0.233691	-4.27915	0.0595379	0.372781	-2.68254	0.0684918	0.388169	-2.57619	0.0830292	0.410435	-2.43644	0.00760174	0.203358	-4.91743
cg11136250	C1orf122;YRDC;C1orf122	0.0238219	0.0545628	0.447109	-2.23659	0.142434	0.558791	-1.78958	0.0126761	0.318671	-3.13803	0.292741	0.66839	-1.49613	0.0142003	0.327376	-3.05459
cg07249409	C1orf123	0.000653809	0.501141	1.05731	1.05731	0.0105852	1.30007	1.30007	0.000393616	1.58542	1.58542	0.0940511	0.860481	-1.16214	0.0236865	1.24662	1.24662
cg02590060	C1orf123	0.00169126	0.00534433	0.281931	-3.54697	0.000575723	0.159066	-6.28672	0.144604	0.582347	-1.71719	0.381378	0.733597	-1.36315	0.00400552	0.263316	-3.79771
cg19927691	C1orf123	0.00214576	0.347293	0.827477	-1.20849	0.121461	0.719965	-1.38896	0.145675	1.35757	1.35757	0.377903	0.837745	-1.19368	0.00416868	0.471732	-2.11985
cg14037393	C1orf123	0.00376558	0.729173	1.05292	1.05292	0.000810342	2.11601	2.11601	0.00296478	1.83144	1.83144	0.0865	1.32439	1.32439	0.745293	0.952788	-1.04955
cg08162389	C1orf123	0.00854189	0.0049083	0.0950824	-10.5172	0.00962289	0.126319	-7.91649	0.131137	0.357373	-2.7982	0.622137	0.730814	-1.36834	0.00298332	0.0763934	-13.0901
cg13779065	C1orf123	0.0283133	0.372088	0.868822	-1.15098	0.293087	1.18218	1.18218	0.230676	1.21282	1.21282	0.48426	0.896666	-1.11524	0.191136	1.23662	1.23662
cg18147584	C1orf123	0.0315284	0.165569	0.716197	-1.39626	0.00118674	0.341985	-2.9241	0.0428304	0.590862	-1.69244	0.493727	1.16985	1.16985	0.154634	1.41039	1.41039
cg04917373	C1orf124;C1orf124	0.00313036	0.00475464	1.41916	1.41916	0.483115	1.06882	1.06882	0.0256594	0.780754	-1.28081	0.931525	0.992007	-1.00806	0.0142727	1.32602	1.32602
cg15459773	C1orf124;C1orf124;EXOC8	0.000836929	0.0230557	0.631236	-1.58419	0.187792	1.26655	1.26655	0.0035425	1.9526	1.9526	0.000949612	2.30253	2.30253	0.00687249	1.80846	1.80846
cg21943599	C1orf125	0.0240133	0.0880643	1.7498	1.7498	0.05227	1.92737	1.92737	0.00429522	0.321379	-3.11159	0.0860729	0.56906	-1.75728	0.117537	1.65746	1.65746
cg03440799	C1orf125;C1orf125	1.97E-06	0.00212947	0.469426	-2.13026	0.000760254	0.409023	-2.44485	5.27E-06	0.1637	-6.10875	0.0461641	0.670142	-1.49222	3.66E-07	0.0770145	-12.9846
cg21538511	C1orf125;C1orf125	0.000898824	0.0321246	1.30195	1.30195	0.356792	1.10476	1.10476	0.000525127	1.76484	1.76484	0.353159	1.10564	1.10564	0.351342	1.10609	1.10609
cg22225298	C1orf125;C1orf125	0.00449018	0.0639602	0.610772	-1.63727	0.20135	0.726495	-1.37647	0.0492218	1.7016	1.7016	0.166295	1.41838	1.41838	0.0247693	0.531053	-1.88305
cg25276223	C1orf125;C1orf125	0.00489927	0.00761441	0.416951	-2.39836	0.206505	1.40446	1.40446	0.0243879	0.504689	-1.98142	0.739666	1.08873	1.08873	0.000345602	0.230431	-4.3397
cg18435476	C1orf125;C1orf125	0.0051113	0.159622	0.76987	-1.29892	0.427636	1.15136	1.15136	0.90752	1.02043	1.02043	0.000270006	0.353585	-2.82818	0.00995233	0.567494	-1.76213
cg15995695	C1orf125;C1orf125	0.0145444	0.0366584	0.431157	-2.31934	0.321806	0.701411	-1.4257	0.0527025	0.466199	-2.14501	0.0404095	0.440301	-2.27117	0.0232343	0.390614	-2.56007
cg04261277	C1orf126	0.0184254	0.0245712	0.689012	-1.45135	0.0423373	1.38443	1.38443	0.0633869	1.33698	1.33698	0.0201387	1.47686	1.47686	0.79162	0.963835	-1.03752
cg06770536	C1orf127	0.000935616	0.442446	0.87517	-1.14264	0.00420495	1.9207	1.9207	0.0131288	0.592349	-1.68819	0.00338936	1.97047	1.97047	0.000411398	0.38485	-2.59842
cg24412659	C1orf127	0.0126467	0.290191	1.15077	1.15077	0.0278537	1.39444	1.39444	0.163133	0.826609	-1.20976	0.640532	1.06201	1.06201	0.00118028	1.83796	1.83796
cg04353053	C1orf127	0.0330673	0.0154375	0.649748	-1.53906	0.104203	1.29398	1.29398	0.386735	1.13738	1.13738	0.757538	0.956067	-1.04595	0.0132251	0.640467	-1.56136
cg01770019	C1orf127	0.0461229	0.148427	0.6407	-1.56079	0.288973	0.72896	-1.37182	0.220653	0.690858	-1.44748	0.771772	0.919862	-1.08712	0.0408058	0.507545	-1.97027
cg00912942	C1orf127;C1orf127	0.000189921	0.462029	0.879499	-1.13701	0.574295	1.10223	1.10223	0.000154515	0.328979	-3.03971	0.618146	0.917426	-1.09001	8.40E-05	0.297257	-3.36409
cg21157465	C1orf127;C1orf127	0.000795756	0.0367609	0.615063	-1.62585	0.0177702	0.561358	-1.78139	1.57E-05	0.167351	-5.97545	0.936837	1.016	1.016	0.00105171	0.378704	-2.64058
cg21929860	C1orf127;C1orf127	0.00707547	0.252211	0.842713	-1.18664	0.0490131	1.37927	1.37927	0.68908	0.944081	-1.05923	0.52312	1.09701	1.09701	0.366843	0.875782	-1.14184
cg02987658	C1orf127;C1orf127	0.0071793	0.743985	0.94477	-1.05846	0.706463	0.936512	-1.06779	0.495462	0.886924	-1.12749	0.951732	0.98956	-1.01055	0.378756	0.855083	-1.16948
cg10316617	C1orf127;C1orf127	0.0130061	0.168339	0.810362	-1.23402	0.0114605	0.635634	-1.57323	0.0303129	0.694384	-1.44013	0.990072	0.998219	-1.00178	0.298159	1.16705	1.16705
cg05655022	C1orf127;C1orf127	0.0139219	0.249609	0.75144	-1.33078	0.426128	0.824484	-1.21288	0.00448689	0.406642	-2.45917	0.00719753	0.43873	-2.2793	0.00534786	0.418398	-2.39007
cg11349878	C1orf127;C1orf127	0.017294	0.665033	0.885023	-1.12991	0.0518883	0.537826	-1.85934	0.0444162	0.523462	-1.91036	0.273269	0.726379	-1.37669	0.00170596	0.28478	-3.51148
cg18857216	C1orf127;C1orf127	0.0444435	0.878201	1.02586	1.02586	0.00110878	2.22595	2.22595	0.819018	1.0389	1.0389	0.420611	1.14681	1.14681	0.995227	1.001	1.001
cg22499381	C1orf127;C1orf127	0.0489087	0.678467	1.07561	1.07561	0.75379	0.94647	-1.05656	0.218262	1.25413	1.25413	0.716295	0.938177	-1.0659	0.0368349	0.654424	-1.52806
cg22359362	C1orf128	0.00254023	0.199993	0.595549	-1.67912	0.436548	1.35506	1.35506	0.425821	1.3652	1.3652	0.629414	1.20458	1.20458	?	?	?
cg22341848	C1orf128	0.0241894	0.0107308	0.293846	-3.40314	0.0413318	0.407014	-2.45692	0.0170039	0.329016	-3.03937	0.0430169	0.410891	-2.43373	0.0317979	0.382419	-2.61494
cg11422402	C1orf128	0.0377794	0.0242146	1.56636	1.56636	0.473655	0.885401	-1.12943	0.127483	0.759382	-1.31686	0.145662	1.29812	1.29812	0.0588381	1.42819	1.42819
cg08663653	C1orf129;C1orf129	0.0184447	0.559129	0.782611	-1.27777	0.139597	0.51702	-1.93416	0.00642915	0.229737	-4.3528	0.0565516	0.40831	-2.44912	0.0253285	0.331791	-3.01394
cg03458344	C1orf129;C1orf129	0.0405754	0.103187	0.361576	-2.76567	0.301598	1.84189	1.84189	0.0435364	0.26591	-3.76067	0.334397	0.566564	-1.76502	0.00515021	0.121432	-8.23506
cg26680644	C1orf130	3.62E-05	0.494818	0.802478	-1.24614	6.39E-05	0.0969235	-10.3174	0.000234288	0.144209	-6.93439	0.000366126	0.163331	-6.12253	1.16E-05	0.0523175	-19.1141
cg10174575	C1orf130	0.00106438	0.000164569	0.276969	-3.61051	0.992953	1.00177	1.00177	0.000194631	0.285689	-3.50031	0.449291	0.857194	-1.1666	0.000781963	0.362292	-2.76021
cg03684513	C1orf130	0.00577532	0.152273	0.77914	-1.28347	0.000229754	2.70653	2.70653	0.0104006	1.69063	1.69063	0.235679	1.22415	1.22415	0.417417	0.873833	-1.14438

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15626285	0.0115989	0.319245	-3.13239	8.89E-05	0.0789324	-12.6691	0.786326	0.906364	-1.10331	0.0201214	0.362629	-2.75764	7.77731	16.1254	1.84301	1
cg13053396	0.226224	1.44666	1.44666	0.136553	0.627454	-1.59374	0.00927618	0.383148	-2.60996	0.674424	0.884463	-1.13063	7.18847	9.61372	1.18878	1
cg05538432	0.00633048	0.405672	-2.46504	0.777778	0.93071	-1.07445	0.0562619	1.73092	1.73092	0.0130938	0.457932	-2.18373	4.07602	4.15813	0.906796	1
cg21622186	0.306192	1.19418	1.19418	0.229475	1.23519	1.23519	0.291953	0.832636	-1.201	0.249873	0.817561	-1.22315	3.50455	1.55737	0.395009	1
cg22402467	0.0254173	0.476636	-2.09804	0.00248446	0.309479	-3.23123	0.013898	0.428388	-2.33433	0.729729	0.90779	-1.10158	7.96454	9.81465	1.09537	1
cg04917688	0.32728	0.947134	-1.05582	0.000596828	1.3292	1.3292	0.191213	1.07716	1.07716	0.521369	0.965693	-1.03553	11.9562	0.546256	0.0406115	1
cg21304285	0.00197935	0.345132	-2.89745	0.00175869	0.337884	-2.9596	0.420356	1.22191	1.22191	0.122046	0.664985	-1.50379	9.19876	8.63407	0.834322	1
cg26108836	0.431052	0.92287	-1.08358	0.00208987	1.54107	1.54107	0.220468	0.879271	-1.13731	0.099863	0.835189	-1.19733	4.6536	0.735199	0.140431	1
cg08916179	0.277839	0.598476	-1.67091	0.00163831	0.128531	-7.78021	0.774586	1.13954	1.13954	0.598544	0.785299	-1.2734	4.53332	14.8582	2.91338	1
cg20802333	0.232405	0.427425	-2.33959	0.186581	0.386628	-2.58647	0.103167	0.298221	-3.35322	0.840558	1.1465	1.1465	3.76182	27.4457	6.4852	1
cg23280730	0.917547	0.982432	-1.01788	0.008632	1.77387	1.77387	0.126616	0.753645	-1.32688	0.248609	0.813486	-1.22928	3.67387	1.70467	0.412442	1
cg00806311	0.187139	0.707194	-1.41404	0.383798	1.24768	1.24768	0.00012658	5.22414	5.22414	0.00356476	0.375912	-2.6602	17.6759	17.1892	0.864413	1
cg00170536	0.0268889	0.58394	-1.7125	0.193159	0.753807	-1.3266	0.56246	1.1277	1.1277	0.02372	0.574592	-1.74037	8.32107	5.55079	0.592958	1
cg20311002	0.463712	0.829766	-1.20516	0.00158486	0.321548	-3.10995	0.648603	0.891548	-1.12164	0.0206401	0.497853	-2.00863	7.56731	7.50318	0.881356	1
cg13938876	0.627028	0.920973	-1.08581	0.345263	1.17754	1.17754	0.487556	0.888185	-1.12589	0.205946	0.79907	-1.25146	3.68064	1.64763	0.39791	1
cg24304712	0.445513	0.797173	-1.25443	0.24074	0.69908	-1.43045	0.0807131	1.75871	1.75871	0.617401	1.15812	1.15812	3.43734	4.62527	1.19609	1
cg23658744	0.0772918	1.68819	1.68819	0.063042	0.572625	-1.74634	0.632618	0.879491	-1.13702	0.000117724	6.03479	6.03479	50.7907	57.1839	1.00078	1
cg02638057	0.992602	1.002	1.002	4.39E-05	0.155164	-6.44479	0.7194	1.0809	1.0809	0.000118228	4.9374	4.9374	40.1617	28.9139	0.559951	1
cg15566506	0.108592	1.42329	1.42329	0.00419251	0.461377	-2.16743	0.0165214	0.553988	-1.80509	0.97908	1.0053	1.0053	28.1888	18.1579	0.57258	1
cg16692922	0.0678372	0.712219	-1.40406	1.70E-05	0.23114	-4.32637	0.485239	0.888994	-1.12487	0.000230338	0.362511	-2.75854	25.8831	11.2848	0.387547	1
cg09025040	0.000290554	0.444919	-2.2476	0.110679	0.78803	-1.26899	0.37967	1.13147	1.13147	0.000640796	2.0508	2.0508	18.9039	5.62382	0.26444	1
cg01011619	0.222369	1.32379	1.32379	0.342213	0.807308	-1.23869	0.734142	0.92815	-1.07741	0.451798	1.18255	1.18255	18.144	13.7481	0.673528	1
cg19641455	0.00221455	0.47103	-2.12301	0.0476901	0.671953	-1.4882	0.449797	1.14478	1.14478	0.0241905	1.60296	1.60296	16.5025	8.05651	0.433954	1
cg17798320	0.0319759	1.53093	1.53093	0.595405	0.913176	-1.09508	0.8138	0.960804	-1.04079	0.000292054	0.367643	-2.72003	13.725	6.24302	0.404324	1
cg08541521	0.83282	1.03591	1.03591	0.00372483	0.519992	-1.92311	0.133721	0.7634	-1.30993	0.146282	0.770814	-1.29733	12.6459	5.58017	0.392234	1
cg02605776	0.283715	0.715895	-1.39685	0.000849845	0.222093	-4.50262	0.0473917	0.50626	-1.97527	0.685852	1.12979	1.12979	8.94661	12.7602	1.26779	1
cg04879281	0.246409	0.505986	-1.97634	0.0639319	0.310274	-3.22296	0.298648	0.54583	-1.83207	0.0517896	3.469	3.469	8.79418	39.1049	4.44667	1
cg02838118	0.0446366	2.14484	2.14484	0.0507033	0.478607	-2.0894	0.98462	1.0064	1.0064	0.464401	1.27948	1.27948	8.43685	13.0109	1.54215	1
cg09319202	0.217045	0.796198	-1.25597	0.0535701	0.680669	-1.46914	0.698987	1.07056	1.07056	0.0165849	1.67105	1.67105	4.00202	1.95161	0.433473	1
cg18248911	0.769915	1.05414	1.05414	0.0413569	0.655069	-1.52656	0.0894961	0.714202	-1.40016	0.0164053	1.69437	1.69437	24.1378	12.3563	0.455028	1
cg15139482	0.037922	0.686608	-1.45643	0.181968	0.801461	-1.24772	0.0840641	1.34798	1.34798	0.00123854	2.09075	2.09075	50.5098	19.5228	0.343569	1
cg26522319	0.0263746	0.385118	-2.59661	0.0414195	0.426451	-2.34493	0.132797	0.555607	-1.79983	0.000479514	7.283	7.283	17.2726	35.9193	1.84849	1
cg04577625	0.786064	0.966979	-1.03415	7.56E-05	0.412248	-2.42572	0.187142	0.841509	-1.18834	0.0820063	1.2685	1.2685	12.8166	3.09203	0.214446	1
cg11787288	0.82791	0.812215	-1.2312	?	?	?	0.628614	0.62746	-1.59373	0.00935308	26.3454	26.3454	4.03236	50.7003	11.0017	1
cg11841239	0.994846	0.998828	-1.00117	0.116975	0.733983	-1.36243	0.876224	0.97209	-1.02871	0.0296944	0.628286	-1.59163	13.2698	6.93126	0.464298	1
cg00501765	0.973467	0.997005	-1.003	0.0050836	1.3965	1.3965	0.402134	0.925587	-1.0804	0.00441642	0.709879	-1.40869	11.39	1.46704	0.11449	1
cg07311881	0.401457	1.22425	1.22425	0.064421	1.63149	1.63149	0.202484	0.728312	-1.37304	0.000222227	0.234919	-4.25679	10.8475	9.53661	0.78147	1
cg25208892	0.624961	1.13284	1.13284	0.995443	1.00145	1.00145	0.488411	0.836779	-1.19506	0.0108299	0.444777	-2.24832	7.58983	7.70429	0.902295	1
cg13236481	0.0259946	0.50441	-1.98251	0.98497	1.00489	1.00489	0.326546	1.29996	1.29996	0.0585281	0.574917	-1.73938	4.62372	4.912	0.94431	1
cg02288969	0.362587	1.2641	1.2641	0.000409087	0.245152	-4.07911	0.00896386	0.43498	-2.29896	0.00858388	0.431886	-2.31543	17.3987	17.2845	0.883055	1
cg08587864	0.0256597	0.329888	-3.03133	0.00251857	0.172877	-5.78444	0.00386806	0.19628	-5.09476	0.0407791	0.372272	-2.68621	7.59842	21.0674	2.46454	1
cg07720789	0.333263	0.654898	-1.52696	0.0687308	0.421466	-2.37267	0.0173122	0.292468	-3.41918	0.121346	0.490503	-2.03872	5.86955	16.7203	2.53214	1
cg03748243	0.112092	0.424439	-2.35605	0.12522	0.439538	-2.27512	0.0375453	0.302621	-3.30447	0.442217	0.678322	-1.47423	4.80233	18.6621	3.45427	1
cg26525767	0.569653	1.1463	1.1463	0.912579	0.974242	-1.02644	0.000151129	4.68967	4.68967	0.37113	1.24385	1.24385	6.35945	5.68669	0.794853	1
cg16564156	0.243683	0.655345	-1.52591	0.0544726	0.469596	-2.12949	0.137097	0.5742	-1.74155	0.0245083	0.395253	-2.53003	3.68061	6.9963	1.68965	1
cg00909514	0.00488163	0.403046	-2.4811	0.00690384	0.426704	-2.34355	0.781545	1.07005	1.07005	0.400517	0.810914	-1.23318	3.64506	3.42449	0.8351	1
cg16409409	0.24792	0.424966	-2.35313	0.00692042	0.0840685	-11.8951	0.208317	0.390727	-2.55933	0.0448513	0.195694	-5.11001	3.50436	27.8551	7.0655	1
cg13419869	0.000273508	0.368235	-2.71565	2.39E-06	0.14638	-6.83152	0.0383928	1.4948	1.4948	0.00741181	0.561029	-1.78244	25.9517	11.5393	0.39524	1
cg18279842	0.0060531	0.470135	-2.12705	0.00251755	0.413459	-2.41862	0.765541	1.06499	1.06499	0.0461763	0.618204	-1.61759	9.80021	6.87922	0.623952	1
cg11150074	0.182041	0.637369	-1.56895	0.000530173	0.179816	-5.56123	0.270907	1.43978	1.43978	0.0597525	0.508893	-1.96505	5.1297	8.21473	1.42347	1
cg00971747	0.0486755	0.515963	-1.93812	0.00169256	0.267621	-3.73663	0.590825	1.17292	1.17292	0.218328	0.683511	-1.46303	4.71762	6.45256	1.21578	1
cg03978041	0.219426	1.31606	1.31606	0.0027948	0.416332	-2.40193	0.248861	1.29218	1.29218	0.750751	1.07012	1.07012	4.43879	3.17954	0.636718	1
cg16257559	0.139597	0.697186	-1.43434	0.0623182	0.621212	-1.60976	0.251373	1.31247	1.31247	0.237288	0.75509	-1.32435	4.08917	3.33415	0.724766	1
cg06834507	0.921837	1.02083	1.02083	0.661272	0.911556	-1.09702	0.59456	0.893307	-1.11944	0.0198048	0.553817	-1.80565	3.66213	2.55844	0.620996	1
cg05527609	0.993581	0.995685	-1.00433	0.248511	0.52284	-1.91263	0.140894	2.34292	2.34292	0.249499	0.523612	-1.90981	6.48392	29.677	4.06846	1
cg26373171	0.150646	1.13659	1.13659	0.0340804	0.814191	-1.22821	0.103303	1.15962	1.15962	0.00830378	1.32371	1.32371	6.01377	0.657923	0.0972468	1
cg09163369	0.0276033	0.319185	-3.13298	0.0146076	0.267568	-3.73737	0.356381	0.659756	-1.51571	0.693434	1.18969	1.18969	5.49552	16.7288	2.70585	1
cg03753785	0.484056	1.17732	1.17732	0.129754	1.45602	1.45602	0.878723	0.965557	-1.03567	0.73065	1.08256	1.08256	4.7266	3.94436	0.741779	1
cg04238303	0.282812	0.705881	-1.41667	0.730367	0.897648	-1.11402	0.825274	1.07145	1.07145	0.26396	0.69529	-1.43825	4.61782	7.1243	1.37136	1
cg23166289	0.185522	0.549476	-1.81991	0.0172379	0.290089	-3.44721	0.345038	0.660464	-1.51409	0.852932	1.08237	1.08237	3.51134	10.1168	2.56105	1
cg04100048	0.00141091	1.50265	1.50265	0.406655	0.927936	-1.07766	0.595553	1.04833	1.04833	0.09359	1.17642	1.17642	4.46389	0.548818	0.109285	1
cg22501998	0.0611884	0.244234	-4.09443	0.0787018	0.271228	-3.68694	0.190424	0.395937	-2.52565	0.451432	0.598901	-1.66973	9.51723	59.821	6.28555	1
cg16926734	0.27855	0.810311	-1.23409	0.332666	1.2051	1.2051	0.914476	0.980145	-1.02026	0.188604	0.771018	-1.29699	8.26698	4.56303	0.49063	1
cg06639121	0.000130397	0.13284	-7.52788	0.118578	1.67331	1.67331	0.0664816	0.535097	-1.86882	0.0824544	0.557402	-1.79404	7.58648	11.0926	1.29969	1
cg14654194	0.101049	0.737783	-1.35541	0.0916829	0.730167	-1.36955	0.0833208	1.38354	1.38354	0.144394	1.30411	1.30411	6.79979	3.08847	0.403734	1
cg14170840	0.0567191	0.163156	-6.12909	0.00859097	0.0597477	-16.737	0.00713379	0.0538714	-18.5627	0.10299	0.223248	-4.47933	5.84652	65.4346	9.94849	1
cg11338033	0.709388	0.830422	-1.20421	0.180785	0.493932	-2.02457	0.048951	3.05249	3.05249	0.441021	1.47698	1.47698	4.10166	16.0054	3.46861	1
cg26649834	0.399583	1.09182	1.09182	0.428284	1.08587	1.08587	0.215741	1.14193	1.14193	0.429624	1.0856	1.0856	4.17822	0.686664	0.146083	1
cg07997689	0.779262	0.970979	-1.02989	0.00352403	0.660545	-1.5139	0.923071	1.01018	1.01018	0.0300674	1.30659	1.30659	4.14765	0.721644	0.154656	1
cg01450736	0.996204	0.998658	-1.00134	0.0844376	0.583506	-1.71378	0.309896	0.743367	-1.34523	0.00900767	0.391726	-2.55281	12.3962	15.6387	1.1214	1
cg15202353	0.291733	1.29099	1.29099	0.2408	1.33203	1.33203	0.054713	1.66323	1.66323	0.228045	1.34366	1.34366	9.25344	7.98833	0.767362	1
cg20511534	0.00304808	0.704271	-1.41991	0.783272	0.976464	-1.0241	0.221592	0.894958	-1.11737	0.0293961	0.801229	-1.24808	6.96198	0.822733	0.105044	1
cg10126398	0.740248	0.888677	-1.12527	0.00199247	0.212576	-4.70421	0.667528	0.857879	-1.16567	0.286761	0.675434	-1.48053	4.23174	8.43379	1.77154	1
cg13446200	6.88E-06	4.23773	4.23773	0.000223528	0.41074	-2.43463	3.12E-06	0.201224	-4.96959	0.415464	1.12813	1.12813	68.5779	22.7891	0.295387	1
cg03506609	0.00687199	1.97984	1.97984	0.16741	0.750366	-1.33268	0.385676	0.840669	-1.18953	0.0391638	1.59327	1.59327	7.50198	4.52506	0.536162	1
cg18318765	0.0138284	0.572809	-1.74578	0.0024441	0.461969	-2.16465	0.00544302	0.511836	-1.95375	0.0657815	0.685142	-1.45955	6.39704	3.3985	0.472233	1
cg12679760	0.316507	1.95785	1.95785	0.000760614	27.3921	27.3921	0.0101483	8.19654	8.19654	0.0926052	3.32253	3.32253	5.28006	35.199	5.92569	1
cg02993069	0.267465	1.52242	1.52242	0.0107914	3.20648	3.20648	0.00173629	5.07888	5.07888	0.0519428	2.23574	2.23574	3.78422	7.93352	1.86353	1
cg24808280	?	?	?	0.00142521	0.179249	-5.57885	0.0184942	0.356124	-2.80801	0.610577	1.19746	1.19746	14.4659	24.4806	1.48076	1
cg23818870	0.00515569	1.41926	1.41926	0.00410826	0.694254	-1.44039	0.0129467	0.746467	-1.33964	0.541279	0.943065	-1.06037	8.73911	1.24366	0.126498	1
cg12460071	0.141232	0.632074	-1.58209	0.00313983	0.31015	-3.22425	0.490475	0.816211	-1.22517	0.323195	0.743894	-1.34428	6.65829	8.86494	1.18348	1
cg13380669	0.0244141	0.436723	-2.28978	0.00400047	0.302722	-3.30336	0.00561868	0.325293	-3.07415	0.405843	0.768963	-1.30045	6.32069	9.55338	1.34351	1
cg20780850	0.269934	1.67394	1.67394	0.00399833	0.176427	-5.66808	0.453642	0.710112	-1.40823	0.289729	0.610914	-1.63689	4.8855	15.5614	2.83131	1
cg08104202	0.537678	1.15705	1.15705	0.00407439	0.406089	-2.46251	0.292528	1.2908	1.2908	0.412626	0.822181	-1.21628	3.9738	3.43864	0.76918	1
cg24596998	0.00326242	6.20839	6.20839	0.06878	2.52763	2.52763	0.000914351	9.5487	9.5487	0.0738412	2.47719	2.47719	17.6145	57.8206	2.91782	1
cg20150659	0.2201	0.798566	-1.25225	0.208171	1.26049	1.26049	0.38076	0.854836	-1.16982	0.0175216	0.603873	-1.65598	10.8937	5.25117	0.428477	1
cg09786013	0.486553	1.38801	1.38801	0.0021247	7.40804	7.40804	0.000866799	10.156	10.156	0.0018761	7.72827	7.72827	10.5303	35.8694	3.02782	1
cg03853809	0.00337246	6.63529	6.63529	0.0272898	3.4544	3.4544	0.0104414	4.61871	4.61871	0.172623	1.99149	1.99149	8.72305	31.1188	3.17104	1
cg21852292	0.0292981	1.68399	1.68399	0.163182	0.739257	-1.35271	0.00476118	2.13996	2.13996	0.38263	1.1993	1.1993	7.89746	5.15331	0.580025	1
cg13560871	0.176277	0.882925	-1.1326	0.297959	0.910789	-1.09795	0.225353	1.11659	1.11659	0.017549	1.28443	1.28443	5.65429	0.671714	0.105598	1
cg24003560	0.0769127	3.37285	3.37285	0.0143315	6.46325	6.46325	0.0458548	4.11477	4.11477	0.223111	2.206	2.206	4.83911	29.2754	5.37754	1
cg17031631	0.000433142	0.37502	-2.66653	0.00615509	0.532676	-1.87731	0.0116874	1.74245	1.74245	0.0679818	0.6975	-1.43369	16.1719	7.95551	0.437274	1
cg20738274	0.000678251	0.222929	-4.48574	0.000563908	0.213436	-4.68525	0.019442	0.442046	-2.26221	0.0104104	0.393719	-2.53988	12.8522	16.9942	1.17537	1
cg01119135	0.0290686	0.48824	-2.04817	7.88E-05	0.136772	-7.31143	0.813952	0.936411	-1.06791	0.180682	0.672911	-1.48608	7.98193	9.81909	1.09348	1
cg03987221	0.522925	1.07603	1.07603	0.00670471	1.48884	1.48884	0.124973	0.828636	-1.2068	0.232312	1.15232	1.15232	4.60092	0.933493	0.180349	1
cg24054508	0.380163	0.906607	-1.10301	0.00101289	0.587966	-1.70078	0.0679724	1.24937	1.24937	0.505216	1.07642	1.07642	5.02948	0.944878	0.166994	1
cg04299080	0.239298	1.108	1.108	0.00689736	0.747473	-1.33784	0.946376	0.994418	-1.00561	0.000109733	1.76251	1.76251	13.5781	1.48934	0.0974995	1
cg10981770	0.0247426	0.28925	-3.45721	0.00378223	0.163177	-6.12831	0.0164494	0.256619	-3.89683	0.0484921	0.351373	-2.84598	4.85315	16.5488	3.03103	1
cg11136250	0.0316079	0.394468	-2.53506	0.00492956	0.252927	-3.95371	0.0087323	0.291363	-3.43215	0.279097	0.660104	-1.51491	4.4308	9.56031	1.91795	1
cg07249409	0.0508101	0.833924	-1.19915	0.000170896	0.593657	-1.68447	0.864571	1.01403	1.01403	0.145547	1.13605	1.13605	13.262	1.39928	0.0937874	1
cg02590060	0.00537334	0.282289	-3.54247	0.00035945	0.13875	-7.20719	0.00140236	0.202618	-4.9354	0.0955327	0.531609	-1.88108	10.1229	19.0885	1.67616	1
cg19927691	0.556002	0.889999	-1.1236	0.000192417	0.292659	-3.41695	0.55318	0.88924	-1.12456	0.000509585	0.345648	-2.89312	9.446	5.72871	0.539084	1
cg14037393	0.0463703	1.40292	1.40292	0.00689108	0.595113	-1.68035	0.249065	1.19572	1.19572	0.0339861	1.44371	1.44371	7.9965	2.78796	0.309909	1
cg08162389	0.352974	0.546971	-1.82825	0.00201682	0.0639245	-15.6435	0.0162445	0.15636	-6.39548	0.0275625	0.193012	-5.18103	6.21435	39.2245	5.6106	1
cg13779065	0.776306	0.95723	-1.04468	0.0218849	0.655698	-1.52509	0.019638	0.648855	-1.54118	0.0111116	1.62987	1.62987	4.17139	1.55553	0.331471	1
cg18147584	0.430552	0.833934	-1.19914	0.851573	0.958602	-1.04319	0.596938	0.886516	-1.12801	0.997329	1.00076	1.00076	4.01514	3.23969	0.717217	1
cg04917373	0.00113453	1.5638	1.5638	0.154773	1.15281	1.15281	0.00119843	1.55766	1.55766	0.836277	1.01951	1.01951	8.45063	1.16693	0.122745	1
cg15459773	0.336265	1.18275	1.18275	0.000454109	0.392455	-2.54806	0.0391421	1.49796	1.49796	0.37668	1.16599	1.16599	12.3738	5.6162	0.403446	1
cg21943599	0.88551	1.04376	1.04376	0.220985	1.46585	1.46585	0.199512	1.49616	1.49616	0.374171	0.762507	-1.31146	4.41855	6.18287	1.24382	1
cg03440799	1.93E-06	0.126716	-7.89164	0.0159005	0.596091	-1.6776	7.89E-06	0.179976	-5.55629	1.20E-06	0.1111	-9.00086	61.6989	29.9944	0.432125	1
cg21538511	0.0105857	1.4021	1.4021	0.000175235	0.512148	-1.95256	0.0757257	0.812366	-1.23097	0.175536	1.16349	1.16349	12.1272	2.12242	0.155567	1
cg22225298	0.0319065	1.81375	1.81375	0.000884963	0.307358	-3.25354	0.0911871	1.55356	1.55356	0.129647	1.47359	1.47359	7.58275	6.73416	0.789413	1
cg25276223	0.00673237	0.408322	-2.44905	0.0836029	0.613756	-1.62931	0.158493	0.680944	-1.46855	0.0596139	0.58163	-1.71931	7.3843	7.60011	0.914867	1
cg18435476	0.128129	0.751074	-1.33143	0.0125986	0.58281	-1.71582	0.668902	1.07774	1.07774	0.0102151	0.569177	-1.75692	7.28941	3.4966	0.426384	1
cg15995695	0.0179077	0.368976	-2.7102	0.00212793	0.224053	-4.46324	0.0147272	0.353382	-2.8298	0.00675482	0.296199	-3.37611	5.23373	9.95254	1.69032	1
cg04261277	0.600622	1.07625	1.07625	0.0116156	1.55093	1.55093	0.157394	0.81032	-1.23408	0.329001	0.869233	-1.15044	4.83694	1.48242	0.272427	1
cg06770536	0.811054	0.960044	-1.04162	0.152075	0.770105	-1.29852	0.00260994	0.491716	-2.03369	0.0573781	0.693516	-1.44193	11.9904	5.50474	0.408084	1
cg24412659	0.0294688	1.38817	1.38817	0.00831572	1.53959	1.53959	0.978786	0.996604	-1.00341	0.739394	0.958192	-1.04363	5.47918	1.42008	0.230379	1
cg04353053	0.314803	1.16278	1.16278	0.0841577	1.31947	1.31947	0.124661	0.785695	-1.27276	0.52696	1.09747	1.09747	3.94716	1.31591	0.29634	1
cg01770019	0.372256	0.768665	-1.30096	0.931996	1.02482	1.02482	0.00188147	0.282015	-3.54591	0.0256747	0.467128	-2.14074	3.49309	4.56346	1.16127	1
cg00912942	0.730812	0.942492	-1.06102	0.000511416	0.394359	-2.53576	3.36E-05	0.251881	-3.97014	0.42128	0.868584	-1.1513	18.6304	8.67786	0.414035	1
cg21157465	0.889607	1.02821	1.02821	0.942143	1.01465	1.01465	0.150479	0.73437	-1.36171	0.387567	0.837431	-1.19413	12.5509	7.97735	0.56498	1
cg21929860	0.105875	1.28751	1.28751	0.00533808	1.69062	1.69062	0.000836742	0.487168	-2.05268	0.478628	1.10856	1.10856	6.59303	2.13754	0.288188	1
cg02987658	0.692852	0.933489	-1.07125	0.0302989	1.55504	1.55504	0.000127877	0.315048	-3.17412	0.436586	0.871452	-1.14751	6.56311	3.12424	0.423138	1
cg10316617	0.411408	0.886646	-1.12785	0.0052068	1.69574	1.69574	0.338736	0.868272	-1.15171	0.0311573	1.43659	1.43659	5.42932	1.76426	0.288844	1
cg05655022	0.66892	0.90288	-1.10757	0.283797	0.767623	-1.30272	0.00256616	0.370437	-2.69951	0.376754	0.806208	-1.24037	5.30964	4.74313	0.79405	1
cg11349878	0.115633	0.619065	-1.61534	0.943326	1.02013	1.02013	0.00252115	0.308517	-3.24131	0.066066	0.560951	-1.78269	4.94104	6.15201	1.10674	1
cg18857216	0.25353	0.81993	-1.21962	0.0602276	1.42315	1.42315	0.86211	1.02937	1.02937	0.433616	1.14228	1.14228	3.54198	1.55501	0.390242	1
cg22499381	0.448496	1.1446	1.1446	0.00358794	1.99293	1.99293	0.387807	0.856611	-1.16739	0.291021	0.825647	-1.21117	3.41663	1.65439	0.430414	1
cg22359362	0.211799	1.65454	1.65454	4.86E-05	0.0536817	-18.6283	0.604057	1.22173	1.22173	0.60182	0.817479	-1.22327	9.19231	18.9639	2.06302	1
cg22341848	0.0392955	0.402162	-2.48656	0.00395569	0.227521	-4.39521	0.304069	0.665922	-1.50168	0.0639442	0.451418	-2.21524	4.40738	10.1848	2.05409	1
cg11422402	0.0332384	1.5154	1.5154	0.075866	0.718948	-1.39092	0.10875	1.33932	1.33932	0.836636	0.966104	-1.03509	3.76114	1.6616	0.392695	1
cg08663653	0.121503	0.498267	-2.00696	0.00269009	0.178868	-5.59071	0.763177	1.1336	1.1336	0.0112572	0.267795	-3.73419	4.83523	13.1863	2.42412	1
cg03458344	0.35122	0.578367	-1.72901	0.0492319	0.277751	-3.60034	0.941221	0.958788	-1.04298	0.0180015	0.193942	-5.15617	3.66379	18.8989	4.58514	1
cg26680644	0.437838	0.777851	-1.28559	7.63E-06	0.0441243	-22.6632	0.00471148	0.303595	-3.29386	0.000323834	0.157923	-6.33222	28.9982	46.2784	1.41858	1
cg10174575	0.876659	0.969436	-1.03153	0.64676	1.0966	1.0966	0.812695	0.953667	-1.04858	0.851723	0.963293	-1.03811	11.56	7.3129	0.562317	1
cg03684513	0.0345713	1.49341	1.49341	0.499819	0.894516	-1.11792	0.163138	1.27412	1.27412	0.429669	1.1402	1.1402	7.0213	2.94525	0.372866	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17273683	C1orf130	0.00596587	0.00750075	0.233654	-4.27983	0.00494958	0.207589	-4.81721	0.0779025	0.437079	-2.28792	0.314592	0.644468	-1.55167	0.00381379	0.192408	-5.1973
cg21859019	C1orf130	0.0135321	0.0232899	0.299925	-3.33416	0.0169707	0.27442	-3.64406	0.141275	0.495279	-2.01906	0.318303	0.632478	-1.58108	0.00127461	0.124051	-8.06123
cg20263885	C1orf130	0.0245923	0.0222115	0.319517	-3.12973	0.0318264	0.350927	-2.8496	0.42976	0.714996	-1.39861	0.172727	0.546634	-1.82938	0.00955665	0.255135	-3.91949
cg12763105	C1orf131	0.0045293	0.157539	0.754401	-1.32556	0.00595423	0.511407	-1.95539	0.31061	0.822311	-1.21608	0.173566	1.30996	1.30996	0.00031676	0.336956	-2.96775
cg26403494	C1orf131	0.0135897	0.48145	0.740558	-1.35033	0.918115	1.04411	1.04411	0.633817	0.817553	-1.22316	0.101576	2.12206	2.12206	0.000601125	0.108439	-9.22174
cg19307233	C1orf131;GNPAT;GNPAT	0.0047838	0.362159	0.766073	-1.30536	0.0272621	0.475545	-2.10285	0.623635	1.15109	1.15109	0.237648	1.42183	1.42183	0.00106976	0.25278	-3.956
cg07897837	C1orf131;GNPAT;GNPAT	0.00982678	0.0551175	0.598307	-1.67138	0.119991	0.671375	-1.48948	0.211756	0.732912	-1.36442	0.0117788	0.475659	-2.10234	0.000554974	0.282055	-3.54541
cg00224299	C1orf135	0.00418415	0.568427	0.964598	-1.0367	0.000932007	0.734221	-1.36199	0.872669	1.01008	1.01008	0.0156781	1.20345	1.20345	0.00237692	1.30329	1.30329
cg01053463	C1orf135	0.00471493	0.0286205	1.47859	1.47859	0.214927	1.21862	1.21862	0.995947	1.00077	1.00077	0.637499	1.07453	1.07453	0.0842832	1.33544	1.33544
cg02327719	C1orf135	0.0126906	0.344123	1.24302	1.24302	0.00619394	0.450757	-2.21849	0.796517	1.05938	1.05938	0.048649	1.65323	1.65323	0.060053	0.6228	-1.60565
cg11383397	C1orf135	0.0165473	0.198341	0.725611	-1.37815	0.385143	1.23377	1.23377	0.588251	1.13765	1.13765	0.00403684	0.402059	-2.4872	0.451025	0.834276	-1.19864
cg20302420	C1orf135	0.0300714	0.203826	0.657588	-1.52071	0.239749	1.46925	1.46925	0.0422085	2.07809	2.07809	0.407608	1.30311	1.30311	0.0741747	0.536927	-1.86245
cg26679785	C1orf14	0.00828477	0.0078217	2.77588	2.77588	0.00345221	3.27921	3.27921	0.0525558	1.93323	1.93323	0.0267502	2.19221	2.19221	0.344238	0.747234	-1.33827
cg00379090	C1orf14	0.0113834	0.933089	0.972145	-1.02865	0.0780493	0.517523	-1.93228	0.0826713	0.523828	-1.90902	0.020437	0.390677	-2.55966	0.00480005	0.283914	-3.52219
cg22237670	C1orf14	0.0190367	0.261772	1.41348	1.41348	0.205701	1.48406	1.48406	0.563761	0.841491	-1.18837	0.131647	1.61811	1.61811	0.301155	1.37273	1.37273
cg22450662	C1orf14	0.0260894	0.283835	1.38761	1.38761	0.506692	0.820202	-1.21921	0.00511659	0.336808	-2.96905	0.320128	0.739157	-1.35289	0.128958	0.617114	-1.62045
cg13112404	C1orf14	0.0302934	0.127078	1.87812	1.87812	0.0139244	3.19106	3.19106	0.221564	1.63356	1.63356	0.247879	1.58634	1.58634	0.0483724	2.36684	2.36684
cg08146495	C1orf14	0.0320073	0.0413832	0.266736	-3.74903	0.112437	0.378796	-2.63994	0.535396	0.702875	-1.42273	0.102689	0.366768	-2.72652	0.017991	0.198961	-5.02612
cg24341452	C1orf14	0.0461151	0.0579384	0.2587	-3.86547	0.586214	0.707021	-1.41438	0.279333	0.491918	-2.03286	0.0769174	0.289162	-3.45826	0.0378002	0.218841	-4.56952
cg16653784	C1orf141	0.00135693	0.463247	1.3106	1.3106	0.102212	0.523122	-1.9116	0.212871	0.621709	-1.60847	0.0861959	0.503185	-1.98734	0.000172719	0.0991705	-10.0836
cg24863734	C1orf141	0.0264868	0.717374	0.920101	-1.08684	0.476388	1.18043	1.18043	0.161262	0.709831	-1.40879	0.778507	1.06673	1.06673	0.0165773	0.511514	-1.95498
cg04017052	C1orf144;C1orf144	0.000110597	0.192035	0.918014	-1.08931	0.894163	1.00828	1.00828	0.0183029	1.19408	1.19408	0.348836	1.06156	1.06156	0.0590764	1.14114	1.14114
cg01467503	C1orf144;C1orf144	0.00140791	0.00948161	0.259488	-3.85375	0.000494767	0.106653	-9.37623	0.00671301	0.236254	-4.23274	0.00312062	0.19034	-5.25376	0.000931619	0.13158	-7.59997
cg15553418	C1orf144;C1orf144	0.0300293	0.0643939	0.629994	-1.58732	0.535406	0.869736	-1.14977	0.985878	0.996072	-1.00394	0.0173975	0.525237	-1.9039	0.00249964	0.392972	-2.54471
cg09252202	C1orf144;C1orf144	0.0328154	0.195891	1.19092	1.19092	0.580721	0.931211	-1.07387	0.685285	1.05343	1.05343	0.0469047	1.33723	1.33723	0.111027	0.801079	-1.24832
cg23269169	C1orf144;C1orf144;C1orf144;C1orf144	0.0146135	0.625521	0.717281	-1.39415	0.159169	0.358513	-2.7893	0.294037	0.47781	-2.09288	0.853128	1.13323	1.13323	?	?	?
cg10795710	C1orf144;C1orf144;C1orf144;C1orf144	0.0158636	0.222183	0.862022	-1.16006	0.149131	1.19606	1.19606	0.00407461	1.56232	1.56232	0.961389	0.994413	-1.00562	0.0149478	1.41384	1.41384

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17273683	0.146348	0.517522	-1.93228	0.00271796	0.173932	-5.74938	0.0015443	0.146038	-6.84752	0.0235592	0.319056	-3.13425	6.95139	19.6486	2.51251	1
cg21859019	0.296584	0.618375	-1.61714	0.00460318	0.187319	-5.3385	0.0195194	0.285452	-3.50322	0.0523502	0.375308	-2.66448	5.35934	16.7432	2.777	1
cg20263885	0.27769	0.625088	-1.59978	0.00263989	0.176938	-5.65168	0.0186305	0.305085	-3.27777	0.11359	0.488415	-2.04744	4.3822	12.0236	2.43888	1
cg12763105	0.420148	1.16601	1.16601	0.313032	0.82317	-1.21482	0.921	1.01867	1.01867	0.00391113	0.484696	-2.06315	7.56281	4.16509	0.489541	1
cg26403494	0.377917	0.684033	-1.46192	0.588157	0.794938	-1.25796	0.285392	1.59319	1.59319	0.0113504	0.264346	-3.78292	5.35189	14.9342	2.48041	1
cg19307233	0.000469147	0.209268	-4.77857	0.839641	1.05934	1.05934	0.404434	1.27469	1.27469	0.514858	0.828702	-1.20671	7.43816	9.53526	1.1395	1
cg07897837	0.023387	0.527379	-1.89617	0.22884	1.34757	1.34757	0.953549	1.01385	1.01385	0.640573	1.11748	1.11748	5.94372	5.25229	0.785485	1
cg00224299	0.341438	0.94055	-1.06321	0.387837	0.946164	-1.0569	0.967391	1.00256	1.00256	0.0349089	1.16614	1.16614	7.74655	0.479605	0.0550329	1
cg01053463	0.442699	1.12586	1.12586	0.000204723	0.389675	-2.56624	0.15322	0.793228	-1.26067	0.112097	1.29956	1.29956	7.47107	2.71426	0.322936	1
cg02327719	0.0958696	0.664797	-1.50422	0.00215528	0.382279	-2.61589	0.705607	1.08841	1.08841	0.663584	0.906922	-1.10263	5.473	4.31943	0.701533	1
cg11383397	0.137478	0.685638	-1.45849	0.0138094	2.05036	2.05036	0.031876	1.81009	1.81009	0.228962	1.347	1.347	5.01449	4.42103	0.783689	1
cg20302420	0.365474	1.33726	1.33726	0.00311505	0.282595	-3.53863	0.721617	0.894206	-1.11831	0.518115	1.22725	1.22725	4.08338	6.31763	1.37525	1
cg26679785	0.0783371	1.79477	1.79477	0.101515	1.70949	1.70949	0.00117321	4.15523	4.15523	0.0609833	1.88053	1.88053	6.27462	8.88871	1.25921	1
cg00379090	0.033931	0.434745	-2.3002	0.113012	1.78658	1.78658	0.60857	1.18979	1.18979	0.00297769	0.253846	-3.9394	5.66949	10.1629	1.59339	1
cg22237670	0.0772765	1.78752	1.78752	0.000753531	4.53138	4.53138	0.00744798	2.77072	2.77072	0.102901	1.69493	1.69493	4.78394	6.62559	1.23108	1
cg22450662	0.452901	0.798543	-1.25228	0.00281154	0.297902	-3.35681	0.698919	0.891948	-1.12114	0.0320926	0.477747	-2.09316	4.29292	5.88511	1.21857	1
cg13112404	0.547772	1.26154	1.26154	0.00354848	4.52391	4.52391	0.00804246	3.65788	3.65788	0.0609659	2.2404	2.2404	4.07272	9.41058	2.0539	1
cg08146495	0.0720227	0.323672	-3.08955	0.0365219	0.255347	-3.91625	0.0236744	4.55987	4.55987	0.662959	0.781656	-1.27934	3.99355	19.958	4.44227	1
cg24341452	0.238203	0.458733	-2.17992	0.528847	0.668682	-1.49548	0.00951684	7.93911	7.93911	0.632547	1.35508	1.35508	3.49331	22.0128	5.60126	1
cg16653784	0.860391	0.938215	-1.06585	0.000143903	0.0932128	-10.7281	0.659449	1.17428	1.17428	0.00670582	0.279751	-3.57461	10.7858	22.4195	1.84766	1
cg24863734	0.0103394	0.477106	-2.09597	0.00837629	2.16332	2.16332	0.839197	0.954522	-1.04764	0.858009	0.959805	-1.04188	4.27029	3.54914	0.738778	1
cg04017052	0.588765	1.03439	1.03439	3.41E-06	0.507686	-1.96972	0.00809982	0.81056	-1.23371	0.000577454	0.719008	-1.39081	21.5515	1.3097	0.0540181	1
cg01467503	0.00465333	0.213367	-4.68676	0.000775768	0.123983	-8.06559	0.0340455	0.362277	-2.76032	0.00375416	0.200752	-4.98127	10.6722	28.4714	2.37138	1
cg15553418	0.0310674	0.56961	-1.75559	0.368393	0.814288	-1.22807	0.557481	1.14101	1.14101	0.047224	0.603572	-1.6568	4.08541	3.19941	0.696114	1
cg09252202	0.0220201	0.704061	-1.42033	0.00677891	0.638725	-1.56562	0.928036	0.988526	-1.01161	0.469591	1.09855	1.09855	3.95802	1.02307	0.229761	1
cg23269169	0.00257639	0.0510373	-19.5935	0.0648554	4.15694	4.15694	0.0634475	4.19738	4.19738	0.0259867	6.24921	6.24921	5.97594	37.5001	5.49078	1
cg10795710	0.208709	0.857814	-1.16575	0.228529	0.863935	-1.15749	0.0337693	0.750595	-1.33228	0.260823	0.873086	-1.14536	5.08545	1.0787	0.188547	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13335886	C1orf174	0.0198409	0.00846016	0.343918	-2.90767	0.767824	1.09855	1.09855	0.959602	1.01621	1.01621	0.174748	0.632377	-1.58134	0.00119131	0.221281	-4.51915
cg01020987	C1orf174;LOC100133612	0.0165202	0.00125984	0.352515	-2.83676	0.118385	0.686975	-1.45566	0.357297	0.810858	-1.23326	0.675268	0.910912	-1.0978	0.00540029	0.444395	-2.25025
cg06007645	C1orf175;C1orf175	4.32E-05	0.000897335	0.462112	-2.16398	0.290999	0.843531	-1.18549	3.47E-06	0.183539	-5.44843	0.48778	0.896313	-1.11568	0.000287373	0.398874	-2.50705
cg03983498	C1orf175;C1orf175	7.43E-05	0.61308	0.941845	-1.06175	0.0245917	1.36966	1.36966	1.42E-05	0.345501	-2.89435	0.159197	0.837967	-1.19336	0.095342	0.806299	-1.24024
cg21569892	C1orf175;C1orf175	0.000270945	0.000739876	0.242211	-4.12863	0.26181	0.723409	-1.38234	0.00659397	0.376785	-2.65403	0.000210596	0.180022	-5.55489	1.80E-05	0.0885903	-11.2879
cg24051818	C1orf175;C1orf175	0.000773565	0.355078	0.759842	-1.31606	0.0782594	0.568498	-1.75902	0.000838703	0.234445	-4.26539	0.00145086	0.264936	-3.7745	0.0497167	0.523998	-1.90841
cg13428567	C1orf175;C1orf175	0.00256969	0.933028	0.977165	-1.02337	0.453356	0.81064	-1.23359	0.000146203	0.165961	-6.0255	0.241324	0.713849	-1.40086	0.00184183	0.296541	-3.37221
cg26406563	C1orf175;C1orf175	0.00268387	0.0105628	0.543252	-1.84077	0.179046	0.762778	-1.311	0.000210626	0.308653	-3.23989	0.002455	0.449648	-2.22396	0.00168819	0.426858	-2.3427
cg20985521	C1orf175;C1orf175	0.00513084	0.102468	0.502653	-1.98944	0.0685815	0.456241	-2.19182	0.0227441	0.350134	-2.85605	0.0439283	0.410124	-2.43828	0.0101607	0.287118	-3.48289
cg19806310	C1orf175;C1orf175	0.0404832	0.550309	1.20654	1.20654	0.0976895	0.568619	-1.75865	0.00249005	0.270943	-3.69082	0.834339	0.937006	-1.06723	0.0228569	0.429105	-2.33043
cg11386376	C1orf175;C1orf175	0.0429622	0.0544003	0.457338	-2.18657	0.0336244	0.410863	-2.4339	0.0357294	0.416469	-2.40114	0.0752995	0.491739	-2.0336	0.0294076	0.398738	-2.50791
cg01877155	C1orf177;C1orf177	0.00327563	0.743558	1.06297	1.06297	0.335073	0.831174	-1.20312	0.059675	0.673465	-1.48486	0.709906	0.932855	-1.07198	0.000279359	0.331005	-3.0211
cg20903926	C1orf177;C1orf177	0.00341537	0.0255212	2.38732	2.38732	0.00137566	4.5802	4.5802	0.143372	1.67463	1.67463	0.0450807	2.12531	2.12531	0.0124221	2.77362	2.77362
cg03557698	C1orf177;C1orf177	0.00508165	0.591726	1.10432	1.10432	0.000666794	2.59755	2.59755	0.597371	0.906926	-1.10263	0.323845	1.20533	1.20533	0.595965	0.90658	-1.10305
cg01398941	C1orf177;C1orf177	0.0183969	0.313117	1.52672	1.52672	0.015658	3.32527	3.32527	0.142063	0.527225	-1.89672	0.436955	1.37933	1.37933	0.334918	0.668121	-1.49674
cg10700643	C1orf177;C1orf177	0.0195516	0.111344	0.698728	-1.43117	0.0932441	0.682727	-1.46471	0.00681828	0.484556	-2.06374	0.243286	0.776955	-1.28708	0.00386245	0.447271	-2.23578
cg22354132	C1orf177;C1orf177	0.0294606	0.0152904	0.148865	-6.7175	0.0178925	0.158706	-6.30098	0.0763151	0.28329	-3.52995	0.0501939	0.239783	-4.17044	0.0216056	0.171285	-5.83824
cg21872908	C1orf177;C1orf177	0.0415551	0.885602	0.94827	-1.05455	0.0105567	3.27696	3.27696	0.72012	1.14197	1.14197	0.622222	1.2011	1.2011	0.174538	1.70382	1.70382
cg23924306	C1orf177;C1orf177	0.0476007	0.244223	0.562345	-1.77827	0.0344746	3.20666	3.20666	0.247534	0.564817	-1.77049	0.378504	0.652519	-1.53252	0.270485	0.581516	-1.71964
cg25388882	C1orf180	0.0121066	?	?	?	0.618249	0.871668	-1.14723	0.0916925	0.597677	-1.67314	0.0639214	0.560393	-1.78446	0.101493	0.608644	-1.643
cg13792780	C1orf182	0.0203528	0.0992787	1.47173	1.47173	0.0261419	0.568721	-1.75833	0.0363228	0.594244	-1.68281	0.0274143	1.74718	1.74718	0.907801	1.02509	1.02509
cg09822302	C1orf183	0.015459	0.0321898	0.230063	-4.34664	0.00305037	0.0928443	-10.7707	0.0281156	0.218956	-4.56713	0.943153	0.959092	-1.04265	0.0626172	0.29312	-3.41158
cg07975834	C1orf183;C1orf183	0.000154694	0.0136388	1.69177	1.69177	0.00107605	2.29829	2.29829	0.00307306	2.01051	2.01051	0.00572641	0.535683	-1.86677	0.949341	0.989111	-1.01101
cg19410790	C1orf183;C1orf183	0.00971304	0.171046	0.839229	-1.19157	0.0285167	0.732867	-1.3645	0.930477	0.989562	-1.01055	0.0530381	0.76769	-1.30261	0.0109295	0.681049	-1.46832
cg01175767	C1orf183;C1orf183	0.0156404	0.934438	0.984487	-1.01576	0.612391	0.907472	-1.10196	0.000362771	2.96307	2.96307	0.388863	1.18272	1.18272	0.69198	1.07861	1.07861
cg05892773	C1orf183;C1orf183	0.0191142	0.0140525	0.716938	-1.39482	0.186332	1.16621	1.16621	0.0112273	1.41716	1.41716	0.0242346	0.744655	-1.3429	0.737383	1.03763	1.03763
cg02834311	C1orf183;C1orf183	0.0194209	0.129157	0.680133	-1.4703	0.0316492	1.80809	1.80809	0.191204	0.722293	-1.38448	0.110742	1.5046	1.5046	0.0109667	0.472176	-2.11785
cg06079481	C1orf183;C1orf183	0.0252298	0.916968	0.980329	-1.02007	0.378574	1.18781	1.18781	0.0327151	1.6097	1.6097	0.226725	0.785212	-1.27354	0.070134	1.47069	1.47069
cg22851415	C1orf183;DDX20	0.000304885	0.329136	1.17534	1.17534	0.965962	1.00687	1.00687	0.574745	0.913076	-1.0952	0.303296	1.18653	1.18653	0.00241308	0.507704	-1.96965
cg00698051	C1orf185	1.21E-05	0.000342614	1.55812	1.55812	1.73E-06	0.398517	-2.5093	1.01E-05	0.482602	-2.0721	0.869096	1.01277	1.01277	0.0273457	1.2224	1.2224
cg02368869	C1orf186	0.00961695	0.00401372	0.242639	-4.12134	0.080755	0.491913	-2.03288	0.0185696	0.351468	-2.84521	0.0324042	0.399493	-2.50317	0.0015385	0.188372	-5.30864
cg23738708	C1orf186	0.0271474	0.0637496	0.73883	-1.35349	0.478955	0.900743	-1.11019	0.0949308	0.766035	-1.30542	0.0149782	0.647639	-1.54407	0.106999	0.774488	-1.29118
cg27541882	C1orf187	0.00829823	0.318258	0.835364	-1.19708	0.628304	1.08879	1.08879	0.109059	0.737318	-1.35627	0.457356	0.876355	-1.14109	0.00598709	0.534482	-1.87097
cg26437845	C1orf187	0.0420853	0.215681	0.600812	-1.66441	0.00489742	4.29678	4.29678	0.0361129	2.5932	2.5932	0.41796	0.723533	-1.38211	0.0856747	0.475831	-2.10159
cg12403889	C1orf187	0.0450162	0.0188721	0.189027	-5.29026	0.0263101	0.21367	-4.68011	0.270234	0.510472	-1.95897	0.0804454	0.321182	-3.1135	0.0229424	0.203178	-4.92179
cg02334370	C1orf187;MAD2L2;C1orf187	0.0108527	0.972277	1.00619	1.00619	0.407003	0.860273	-1.16242	0.112356	1.35895	1.35895	0.0532473	1.47646	1.47646	0.176341	1.29054	1.29054
cg04934776	C1orf189;C1orf43;C1orf43	0.0331797	0.0856299	0.507978	-1.96859	0.792579	1.09851	1.09851	0.25032	0.651645	-1.53458	0.112747	0.540394	-1.8505	0.00349981	0.243604	-4.10503
cg02896768	C1orf189;C1orf43;C1orf43	0.0347748	0.256673	0.679841	-1.47093	0.609388	0.845378	-1.1829	0.251774	0.676887	-1.47735	0.304329	1.41446	1.41446	0.0483316	0.479319	-2.08629
cg15696662	C1orf190;POMGNT1	0.000895604	0.00108607	0.366848	-2.72593	0.46838	1.16583	1.16583	0.00210084	2.45889	2.45889	0.000644342	0.336593	-2.97095	0.00272549	0.422906	-2.36459
cg01656970	C1orf192	0.00034109	0.0163364	1.55882	1.55882	0.879471	0.977315	-1.02321	0.000129814	0.365948	-2.73263	0.109396	1.30207	1.30207	0.391376	1.14202	1.14202
cg23052863	C1orf192	0.00141943	0.0137925	0.707909	-1.41261	0.380547	0.902963	-1.10746	0.000406971	0.528602	-1.89178	0.0201134	1.37462	1.37462	0.394649	0.905799	-1.104
cg21441507	C1orf192	0.00532866	0.0550888	0.536347	-1.86447	0.000259474	0.178841	-5.59157	0.00202515	0.287386	-3.47965	0.0287815	0.477761	-2.0931	0.0104744	0.397366	-2.51657
cg19662687	C1orf192	0.0359305	0.40828	0.625197	-1.5995	0.00380708	0.114505	-8.73322	0.596446	0.743223	-1.34549	0.0659332	0.318002	-3.14463	0.00241699	0.0957547	-10.4434
cg07312312	C1orf194	0.00412291	0.00936066	1.8077	1.8077	0.937706	0.986055	-1.01414	0.957596	0.990493	-1.0096	0.0192259	1.6634	1.6634	0.107547	0.729389	-1.37101
cg08031955	C1orf194;KIAA1324	0.0212092	0.082318	0.55191	-1.81189	0.000900478	0.215597	-4.63828	0.0152215	0.398297	-2.51069	0.996872	0.99879	-1.00121	0.0660264	0.52894	-1.89057
cg23599104	C1orf194;KIAA1324;C1orf194	0.016925	0.141355	0.4234	-2.36184	0.014145	5.1823	5.1823	0.0247177	4.27593	4.27593	0.526482	1.41727	1.41727	0.145412	0.427628	-2.33848
cg17946668	C1orf198	0.0409638	0.352331	0.822099	-1.2164	0.053444	1.56674	1.56674	0.364893	1.20993	1.20993	0.467622	0.859613	-1.16331	0.00167327	0.398585	-2.50888
cg19729672	C1orf198;C1orf198	0.000485579	0.047195	0.487657	-2.05062	0.0466922	0.486633	-2.05494	0.0852122	1.82538	1.82538	1.53E-05	0.0589495	-16.9637	0.00365318	0.288453	-3.46677
cg02206259	C1orf198;C1orf198	0.000956147	0.0295058	0.688169	-1.45313	0.108918	0.774985	-1.29035	0.00925993	1.61853	1.61853	0.558394	1.09013	1.09013	0.000434387	0.444393	-2.25026
cg19085699	C1orf198;C1orf198	0.00126635	4.90E-05	0.576796	-1.73371	0.931932	1.00618	1.00618	0.119672	1.1295	1.1295	0.415575	1.06185	1.06185	0.00107982	0.706025	-1.41638
cg19082003	C1orf198;C1orf198	0.00209168	0.0328383	0.751268	-1.33108	0.704745	0.957325	-1.04458	0.800363	0.971388	-1.02945	0.150779	0.838273	-1.19293	0.259753	1.14417	1.14417
cg08005943	C1orf198;C1orf198	0.0270223	0.471379	0.933399	-1.07135	0.0363279	1.25725	1.25725	0.00975214	1.36	1.36	0.927569	0.991483	-1.00859	0.0279941	1.27662	1.27662
cg20272604	C1orf198;C1orf198	0.0386427	0.249515	0.861109	-1.16129	0.00603467	1.56157	1.56157	0.431312	1.10495	1.10495	0.570248	1.07389	1.07389	0.657236	0.946023	-1.05706
cg13457651	C1orf198;C1orf198;C1orf198	0.0018311	0.0853351	0.699314	-1.42997	0.00434194	0.48837	-2.04763	0.000455265	0.35398	-2.82502	0.133971	0.737933	-1.35514	0.00108233	0.403644	-2.47743
cg22595920	C1orf200;PIK3CD	0.00317705	0.0111821	0.671853	-1.48842	0.342189	1.13023	1.13023	0.0151672	0.688555	-1.45232	0.00125488	0.554711	-1.80274	0.784736	0.96633	-1.03484
cg11334709	C1orf200;PIK3CD	0.0100868	0.611749	0.970441	-1.03046	0.942172	1.00426	1.00426	0.0818717	0.893137	-1.11965	0.0750512	0.890294	-1.12322	0.451514	1.04599	1.04599
cg12354861	C1orf200;PIK3CD	0.0104226	0.0238017	0.428791	-2.33214	0.0118043	0.372702	-2.68311	0.0250216	0.433035	-2.30928	0.250172	0.68578	-1.45819	0.00426548	0.301127	-3.32085
cg01666040	C1orf200;PIK3CD	0.0393997	0.355427	0.793123	-1.26084	0.00964426	0.449908	-2.22268	0.0198839	1.98453	1.98453	0.325318	0.780646	-1.28099	0.115866	1.51694	1.51694
cg16058430	C1orf201	0.000113886	0.101365	0.782476	-1.27799	7.51E-05	0.374272	-2.67185	0.000794784	0.500115	-1.99954	0.224875	1.19044	1.19044	0.012242	0.652623	-1.53228
cg14222140	C1orf201	0.000266613	0.0335339	1.3135	1.3135	0.000159848	0.492443	-2.03069	0.00119547	0.593696	-1.68436	0.727692	1.03913	1.03913	0.0225932	0.740945	-1.34963
cg17717878	C1orf201	0.000735932	0.182999	0.835111	-1.19745	0.0810628	0.781401	-1.27975	0.00359902	0.604909	-1.65314	0.568467	0.929128	-1.07628	0.0013408	0.551919	-1.81186
cg21686600	C1orf201	0.000941596	0.607175	1.21709	1.21709	0.000339518	0.112231	-8.91018	0.00658009	0.262647	-3.80739	0.039973	0.406805	-2.45818	0.000348299	0.113173	-8.83599
cg13980834	C1orf201	0.00224472	0.0124804	0.63396	-1.57739	0.00122243	0.49972	-2.00112	0.111278	0.775415	-1.28963	0.264453	0.843205	-1.18595	0.0283913	0.6843	-1.46135
cg22436963	C1orf201	0.00253237	0.00212835	0.404215	-2.47393	0.167265	0.734245	-1.36194	0.0151274	0.534564	-1.87068	0.489415	0.862999	-1.15875	0.00028218	0.287853	-3.474
cg03140978	C1orf201	0.0203439	0.233255	0.821062	-1.21794	0.100735	0.753079	-1.32788	0.324931	1.17392	1.17392	0.532788	0.905144	-1.1048	0.312225	1.17928	1.17928
cg25623347	C1orf203;ATP1A1;ATP1A1;ATP1A1;C1orf203	0.00109019	0.000795911	0.282125	-3.54453	0.0442464	0.561448	-1.78111	0.00843164	2.31704	2.31704	0.443286	1.21561	1.21561	0.000108563	0.182021	-5.49388
cg11756509	C1orf203;ATP1A1;ATP1A1;ATP1A1;C1orf203	0.00480862	0.00193694	0.262081	-3.81561	0.136163	1.63277	1.63277	0.148013	0.622616	-1.60613	0.822914	1.07083	1.07083	0.0014565	0.245642	-4.07097
cg21268653	C1orf203;C1orf203;C1orf203;C1orf203;C1orf203	0.000136934	0.0826487	0.490321	-2.03948	1.08E-06	0.00893323	-111.942	0.22357	0.622421	-1.60663	0.0505246	0.437652	-2.28492	0.0322135	0.394524	-2.5347
cg05565562	C1orf203;C1orf203;C1orf203;C1orf203;C1orf203	0.00162805	0.00106747	0.227599	-4.39369	0.00302283	0.288171	-3.47016	0.00495335	3.12373	3.12373	0.00716631	2.89439	2.89439	0.101997	0.57817	-1.7296
cg17179875	C1orf203;C1orf203;C1orf203;C1orf203;C1orf203	0.00425105	0.0349706	0.504972	-1.98031	0.709396	0.901143	-1.1097	0.142115	0.64479	-1.55089	0.886847	0.961183	-1.04038	0.00091938	0.252347	-3.96279
cg21782985	C1orf203;C1orf203;C1orf203;C1orf203;C1orf203	0.0120698	0.0503607	0.363673	-2.74972	0.00316376	0.16065	-6.22473	0.0121477	0.242334	-4.12653	0.162769	1.96536	1.96536	0.0103494	0.231175	-4.32574
cg08920121	C1orf204	2.68E-05	0.000719616	1.31432	1.31432	0.00301901	0.845434	-1.18282	0.000322111	0.698965	-1.43069	4.45E-06	4.4721	4.4721	?	?	?
cg15549973	C1orf204	0.0125362	0.0445616	0.473955	-2.1099	0.00138731	0.223064	-4.48302	0.00944346	0.344776	-2.90044	0.552609	0.823271	-1.21467	0.0291083	0.434983	-2.29894
cg03963174	C1orf21	0.00151555	0.00711687	0.301107	-3.32108	0.20517	1.58648	1.58648	0.122844	1.78102	1.78102	0.0490516	0.460347	-2.17228	0.000214075	0.118323	-8.45146
cg21118367	C1orf21	0.00563542	0.00337778	0.154579	-6.46916	0.0376753	0.323296	-3.09314	0.00206468	0.131036	-7.63152	0.350792	0.637758	-1.56799	0.00619847	0.187938	-5.32089
cg27167439	C1orf21	0.00600165	0.245565	1.20881	1.20881	0.167959	1.2579	1.2579	0.24843	0.828295	-1.2073	0.00856614	1.68817	1.68817	0.0144263	1.60126	1.60126
cg08843859	C1orf21	0.00822432	0.00141619	0.512003	-1.95311	0.313899	0.859899	-1.16293	0.000795928	0.479898	-2.08377	0.877274	1.02265	1.02265	0.0566841	0.73153	-1.367
cg09280838	C1orf21	0.00892772	0.00551579	0.354185	-2.82339	0.0143393	0.423573	-2.36087	0.0540113	0.536698	-1.86325	0.359023	0.764638	-1.30781	0.0376264	0.503482	-1.98617
cg03539970	C1orf21	0.0129855	0.0223986	0.341951	-2.9244	0.000690351	0.131104	-7.62754	0.00942275	0.275043	-3.63579	0.473676	1.33086	1.33086	0.111522	0.506694	-1.97358
cg09753749	C1orf21	0.0272875	0.11014	0.378197	-2.64412	0.0228839	4.5734	4.5734	0.0234168	4.53659	4.53659	0.214053	2.07617	2.07617	0.0638714	0.312502	-3.19998
cg22039357	C1orf21	0.0273437	0.0776522	0.420767	-2.37661	0.00259278	0.158421	-6.31231	0.00315627	0.168521	-5.93397	0.426947	0.699036	-1.43054	0.131146	0.487073	-2.05333
cg05301808	C1orf21	0.0355349	0.187311	1.71975	1.71975	0.917506	0.960603	-1.04101	0.216904	0.604077	-1.65542	0.00105807	0.152802	-6.54441	0.0900957	0.484468	-2.06412
cg00987350	C1orf21	0.0410723	0.0178897	0.487442	-2.05152	0.0173702	2.06113	2.06113	0.196553	1.40626	1.40626	0.658629	1.11741	1.11741	0.401975	0.80721	-1.23883
cg20692896	C1orf21	0.0430502	0.00842513	0.792984	-1.26106	0.24038	0.918752	-1.08843	0.535375	1.04422	1.04422	0.371511	1.0653	1.0653	0.254454	1.08549	1.08549
cg24162801	C1orf21	0.0480836	0.0544199	0.351055	-2.84856	0.051777	0.345888	-2.89111	0.142449	0.469424	-2.13027	0.194705	1.93086	1.93086	0.107133	0.430162	-2.32471
cg23800435	C1orf210;C1orf210	0.00452633	0.00106696	10.6145	10.6145	0.859378	0.917021	-1.09049	0.629359	1.26815	1.26815	0.00518371	6.06484	6.06484	0.00211027	8.26264	8.26264
cg01413566	C1orf210;C1orf210	0.00937943	0.037352	0.533864	-1.87314	0.505968	0.839207	-1.1916	0.000687539	0.260176	-3.84355	0.0308414	0.517574	-1.93209	0.00608649	0.394458	-2.53512
cg14036856	C1orf210;C1orf210	0.0134118	0.0761103	0.543257	-1.84075	0.0028165	0.28023	-3.5685	0.000791445	0.208544	-4.79516	0.285014	0.70941	-1.40962	0.0320042	0.459901	-2.17438
cg09988116	C1orf210;C1orf210	0.0142688	0.331436	0.73166	-1.36676	0.0475392	0.493292	-2.0272	0.00043425	0.176494	-5.6659	0.219314	0.668466	-1.49596	0.0163835	0.400606	-2.49622
cg24464789	C1orf210;C1orf210	0.0153462	0.138727	1.39167	1.39167	0.201222	1.32301	1.32301	0.00207533	0.406968	-2.4572	0.0297176	1.69996	1.69996	0.338961	0.815142	-1.22678
cg00500789	C1orf210;C1orf210	0.0469675	0.0319753	3.65203	3.65203	0.669294	1.2479	1.2479	0.858969	0.912403	-1.09601	0.116631	2.40785	2.40785	0.0143036	4.74428	4.74428
cg17225465	C1orf212;C1orf212;C1orf212	5.58E-05	1.76E-06	0.0217803	-45.9131	0.00322739	3.62555	3.62555	0.0423683	0.472658	-2.11569	0.359679	1.35238	1.35238	0.880396	1.04945	1.04945
cg24662127	C1orf212;C1orf212;C1orf212	0.0001552	0.0074989	0.459585	-2.17588	0.000556154	0.298217	-3.35326	0.0580963	0.61643	-1.62224	0.00852207	0.468456	-2.13467	8.65E-05	0.203647	-4.91047
cg10513359	C1orf212;C1orf212;C1orf212	0.000364172	0.0395251	0.666783	-1.49974	0.0632303	0.700746	-1.42705	0.0332646	1.52738	1.52738	0.270627	1.21559	1.21559	0.749289	1.05609	1.05609
cg14829553	C1orf212;C1orf212;C1orf212	0.00198151	0.0570581	0.810368	-1.23401	0.225925	1.13222	1.13222	0.0302746	1.28242	1.28242	0.0221133	0.764925	-1.30732	0.000175868	0.537234	-1.86139
cg14282087	C1orf212;C1orf212;C1orf212	0.0044462	0.166366	1.1819	1.1819	0.310234	1.12627	1.12627	0.00208252	1.63342	1.63342	0.0635646	1.26646	1.26646	0.099388	1.22697	1.22697
cg23276912	C1orf212;C1orf212;C1orf212	0.00919272	0.100347	0.599636	-1.66768	0.105656	0.605213	-1.65231	0.217283	0.691572	-1.44598	0.413191	0.788458	-1.2683	0.00077513	0.235679	-4.24305
cg26895571	C1orf212;C1orf212;C1orf212	0.0357725	0.0265599	0.598342	-1.67129	0.400576	1.18305	1.18305	0.00954136	0.526584	-1.89903	0.141731	0.734432	-1.3616	0.2401	0.786396	-1.27162
cg03655847	C1orf212;C1orf212;C1orf212	0.0489028	0.850971	0.970275	-1.03064	0.00197887	2.01602	2.01602	0.201243	1.24177	1.24177	0.317665	0.847287	-1.18024	0.112555	1.31936	1.31936
cg09898729	C1orf212;C1orf212;C1orf212;C1orf212	0.0018275	0.0656092	1.30573	1.30573	0.37776	0.889723	-1.12395	0.600578	0.934068	-1.07059	0.654348	1.05991	1.05991	0.784349	1.03605	1.03605
cg27444150	C1orf212;C1orf212;C1orf212;C1orf212	0.00271268	0.902383	0.955571	-1.0465	0.0498399	0.436678	-2.29002	0.643872	0.841625	-1.18818	0.275103	0.656684	-1.5228	0.219934	0.620185	-1.61242
cg22502492	C1orf213;C1orf213;C1orf213;ZNF436	0.000729124	0.0130223	0.652898	-1.53163	5.62E-05	0.354941	-2.81737	0.876898	1.02168	1.02168	0.998137	1.00032	1.00032	0.00288293	0.567165	-1.76316
cg20150640	C1orf213;C1orf213;C1orf213;ZNF436	0.00790226	0.13369	0.688543	-1.45234	0.000235494	0.245042	-4.08093	0.395703	0.818185	-1.22222	0.200407	0.731965	-1.36619	0.0210552	0.527198	-1.89682
cg16240683	C1orf213;C1orf213;C1orf213;ZNF436	0.013308	0.00248734	0.24126	-4.14491	0.134612	0.579488	-1.72566	0.609224	1.19051	1.19051	0.0986242	1.84515	1.84515	0.0118149	0.345311	-2.89594
cg16696234	C1orf213;C1orf213;C1orf213;ZNF436	0.0206927	0.0629561	0.555047	-1.80165	0.126383	1.59258	1.59258	0.323255	1.33259	1.33259	0.0585313	1.82477	1.82477	0.106114	0.60856	-1.64322
cg16727538	C1orf213;C1orf213;ZNF436;C1orf213;ZNF436;ZNF436	0.0201192	0.00123199	0.321133	-3.11398	0.288448	1.30333	1.30333	0.538447	1.16152	1.16152	0.164601	0.700165	-1.42823	0.178274	0.70905	-1.41034
cg20275932	C1orf213;ZNF436;C1orf213;ZNF436	0.0212144	0.136611	0.476714	-2.0977	0.690519	1.2007	1.2007	0.948048	1.03021	1.03021	0.848463	0.916335	-1.0913	0.00107602	0.0950795	-10.5175
cg20959676	C1orf213;ZNF436;C1orf213;ZNF436;ZNF436	0.0260527	0.015092	1.45217	1.45217	0.437117	0.905719	-1.1041	0.111444	0.805261	-1.24183	0.00833108	1.52386	1.52386	0.0203097	1.41835	1.41835
cg00957688	C1orf216	0.0114935	0.210295	0.849277	-1.17747	0.00708094	1.53825	1.53825	0.000882066	1.85309	1.85309	0.0922219	1.25779	1.25779	0.51699	0.921913	-1.0847
cg12667125	C1orf216	0.0263143	0.241891	0.77708	-1.28687	0.00908516	0.505316	-1.97896	0.381673	0.831317	-1.20291	0.0306844	1.68663	1.68663	0.0177113	0.552171	-1.81103
cg26235710	C1orf216;C1orf216	0.00209922	0.000749392	0.291592	-3.42945	0.0274241	0.533291	-1.87515	0.203331	0.723554	-1.38207	0.167585	1.42542	1.42542	0.00193846	0.347581	-2.87702
cg12898849	C1orf220;C1orf220	0.0336651	0.0021622	0.544977	-1.83494	0.320699	1.15565	1.15565	0.584894	0.925175	-1.08088	0.658358	0.939186	-1.06475	0.0870824	0.766147	-1.30523
cg26691567	C1orf220;C1orf220	0.0342427	0.853766	1.0431	1.0431	0.0010112	3.05139	3.05139	0.909563	0.974345	-1.02633	0.331868	1.25731	1.25731	0.395121	1.22043	1.22043
cg13184734	C1orf220;C1orf220;C1orf220	0.00346192	0.494613	0.92579	-1.08016	0.343548	1.11459	1.11459	0.336434	0.895663	-1.11649	0.576741	1.0647	1.0647	0.976203	0.996689	-1.00332
cg27392551	C1orf223	0.000625114	0.189181	0.763897	-1.30908	0.0459742	0.642196	-1.55716	0.00451348	0.480546	-2.08097	0.000110615	0.267909	-3.73261	0.0132568	0.551932	-1.81182
cg21202295	C1orf223	0.0433797	0.543802	0.843844	-1.18505	0.0433227	0.52614	-1.90064	0.166493	0.665221	-1.50326	0.0283231	2.04484	2.04484	0.123686	0.63082	-1.58524
cg14701962	C1orf226;C1orf111	0.0459142	0.344865	0.740906	-1.3497	0.988182	0.995445	-1.00458	0.0525618	0.506949	-1.97258	0.497071	1.23679	1.23679	0.00756536	0.346793	-2.88356
cg21547763	C1orf226;C1orf226	0.0155069	0.0223665	0.476229	-2.09983	0.744744	1.09259	1.09259	0.33011	0.761536	-1.31314	0.0719014	0.580067	-1.72394	0.000977213	0.264647	-3.77862
cg15492834	C1orf226;C1orf226	0.0248446	0.376482	0.751205	-1.33119	0.912814	0.966066	-1.03513	0.826457	0.933127	-1.07167	0.134121	0.600964	-1.66399	0.000422291	0.171888	-5.81774
cg17906245	C1orf227	0.000388963	0.246024	1.15478	1.15478	0.0235348	0.725538	-1.37829	0.00454539	0.638668	-1.56576	0.000310164	0.499504	-2.00199	0.00351588	1.59921	1.59921
cg11251012	C1orf227	0.0222061	0.0521092	0.39399	-2.53813	0.0292061	0.338493	-2.95427	0.347952	1.50289	1.50289	0.0852523	0.448377	-2.23026	0.0052243	0.211533	-4.72741
cg15605235	C1orf228	0.000348227	0.174243	0.878703	-1.13804	0.177835	1.13667	1.13667	0.00142924	0.661902	-1.5108	0.000161118	0.561873	-1.77976	0.170297	0.87752	-1.13958
cg02359160	C1orf228	0.000499727	0.606247	1.06624	1.06624	4.11E-05	0.381169	-2.62351	0.779418	1.03524	1.03524	0.146828	0.825246	-1.21176	0.053941	0.763461	-1.30982
cg04212926	C1orf228	0.000544028	0.000295002	0.526123	-1.9007	0.00759612	0.687994	-1.4535	0.000399766	0.541397	-1.84707	0.00508984	1.49677	1.49677	0.000633206	0.564451	-1.77163
cg03984347	C1orf228	0.00164111	0.00902521	2.81277	2.81277	0.00100685	4.57537	4.57537	0.452138	0.787689	-1.26954	0.215418	1.50117	1.50117	0.000851904	4.76627	4.76627
cg07722722	C1orf228	0.00257468	0.00134153	0.140613	-7.11174	0.000869322	0.122073	-8.19183	0.00158957	0.148386	-6.73919	0.0139867	0.278702	-3.58806	0.00262108	0.173113	-5.77658
cg26246947	C1orf228	0.00270447	0.0598737	1.32275	1.32275	0.153589	1.22298	1.22298	0.00249663	0.574938	-1.73932	0.000842894	0.516111	-1.93757	0.0330805	0.720155	-1.38859
cg24527881	C1orf228	0.00855874	0.00090646	0.129775	-7.70565	0.0111062	0.269843	-3.70586	0.00577319	0.2258	-4.4287	0.0203103	0.316316	-3.1614	0.14091	0.521228	-1.91855
cg14658964	C1orf228	0.00882433	0.0364455	0.323659	-3.08967	0.349806	0.639863	-1.56283	0.0105023	0.224481	-4.45473	0.864313	0.923716	-1.08258	0.00032812	0.0677365	-14.7631
cg06884882	C1orf228	0.00914083	0.00282971	0.299698	-3.33669	0.0149948	0.41627	-2.40228	0.0277286	0.466463	-2.14379	0.0205798	0.441546	-2.26477	0.00285676	0.300294	-3.33007
cg07173823	C1orf228	0.00962951	0.352921	1.36339	1.36339	0.00233986	3.96527	3.96527	0.70011	1.13372	1.13372	0.428148	0.769256	-1.29996	0.170094	1.60616	1.60616
cg03320492	C1orf228	0.0111743	0.00264683	0.14166	-7.05916	0.00923541	0.211703	-4.72359	0.0111773	0.224459	-4.45515	0.0266785	0.291137	-3.43481	0.0134739	0.237556	-4.20953

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13335886	0.0966498	0.560436	-1.78432	0.26312	0.690463	-1.4483	0.288869	1.41842	1.41842	0.639084	1.1618	1.1618	4.71734	7.53076	1.41902	1
cg01020987	0.976634	1.00651	1.00651	0.01114	0.494271	-2.02318	0.0729766	0.642168	-1.55722	0.093804	0.664926	-1.50393	5.01724	3.89731	0.690474	1
cg06007645	0.000222407	0.384965	-2.59764	1.11E-05	0.234085	-4.27195	0.0189927	0.643377	-1.5543	0.0205112	0.648255	-1.5426	27.6666	10.5663	0.339481	1
cg03983498	0.0463691	1.30749	1.30749	0.239479	0.865256	-1.15573	2.71E-05	0.377851	-2.64654	0.000126834	0.456707	-2.18959	23.9673	5.24034	0.194352	1
cg21569892	0.392911	0.78492	-1.27402	0.492353	0.824526	-1.21282	0.0130679	0.426608	-2.34407	0.000444264	0.215684	-4.63641	16.9147	20.5112	1.07789	1
cg24051818	0.637146	0.871825	-1.14702	0.000338115	0.188676	-5.30009	0.000313557	0.18514	-5.40133	0.000444165	0.201804	-4.9553	12.6511	16.6993	1.17332	1
cg13428567	0.881371	1.04189	1.04189	0.644478	1.13622	1.13622	0.00192496	0.299204	-3.3422	0.0760774	0.581295	-1.7203	8.9592	10.7176	1.06335	1
cg26406563	0.0792096	0.690955	-1.44727	0.0699873	0.6809	-1.46864	0.0164696	0.57353	-1.74359	0.00773891	0.522595	-1.91353	8.84503	5.04143	0.506643	1
cg20985521	0.0124524	0.30208	-3.31038	0.000153196	0.0822037	-12.1649	0.290271	0.655418	-1.52574	0.016842	0.325435	-3.07281	7.28091	17.0864	2.08599	1
cg19806310	0.05872	0.515107	-1.94135	0.0853676	0.553843	-1.80556	0.163197	0.629771	-1.58788	0.321379	0.727388	-1.37478	3.66687	5.60575	1.35889	1
cg11386376	0.400346	0.734502	-1.36147	0.00412923	0.251941	-3.96918	0.067227	0.479433	-2.0858	0.185357	0.604468	-1.65435	3.58703	7.29841	1.8086	1
cg01877155	0.0879642	0.704493	-1.41946	0.000503431	0.363591	-2.75035	0.107956	0.721617	-1.38578	0.00680489	0.520869	-1.91987	8.3372	4.56896	0.487129	1
cg20903926	0.698432	0.880159	-1.13616	0.00054652	5.81817	5.81817	0.00309973	3.7692	3.7692	0.0106005	2.86868	2.86868	8.23386	14.0193	1.51345	1
cg03557698	0.0182642	0.591514	-1.69058	0.0065309	1.91116	1.91116	0.0149927	1.72998	1.72998	0.070101	1.44938	1.44938	7.30238	3.88504	0.47291	1
cg01398941	0.00883261	0.258748	-3.86477	0.296639	0.644782	-1.55091	0.0123124	3.54001	3.54001	0.318539	1.51906	1.51906	4.83946	12.606	2.3154	1
cg10700643	0.209588	0.760829	-1.31436	0.0605811	1.54859	1.54859	0.423044	0.844386	-1.18429	0.0392036	0.610655	-1.63759	4.74091	3.20811	0.6015	1
cg22354132	0.0589475	0.255596	-3.91242	0.00944234	0.121954	-8.19978	0.0262528	0.185232	-5.39862	0.048886	0.237282	-4.2144	4.11322	26.6502	5.75924	1
cg21872908	0.474377	0.764574	-1.30792	0.048259	2.29972	2.29972	0.00998965	3.32078	3.32078	0.0195997	2.83076	2.83076	3.63163	7.83026	1.91656	1
cg23924306	0.0204649	0.26724	-3.74195	0.0724784	0.387917	-2.57787	0.0699898	2.60454	2.60454	0.642152	1.24747	1.24747	3.45184	12.2051	3.14296	1
cg25388882	0.594752	0.863459	-1.15813	0.000507465	0.202209	-4.94537	0.297644	1.34506	1.34506	0.0215479	0.460225	-2.17285	6.39312	6.56878	0.899041	1
cg13792780	0.806232	1.05396	1.05396	0.00918324	2.02882	2.02882	0.637898	0.903586	-1.1067	0.244327	0.770675	-1.29756	4.67667	3.38776	0.643908	1
cg09822302	0.152426	0.407481	-2.4541	0.00168707	0.0721809	-13.8541	0.13283	0.386812	-2.58524	0.0496652	0.269416	-3.71174	5.12925	27.8666	4.82923	1
cg07975834	0.855544	0.969086	-1.0319	0.000132589	0.319159	-3.13323	0.000403805	0.379391	-2.6358	0.00709939	1.82093	1.82093	19.6926	9.26097	0.418023	1
cg19410790	0.20286	0.85073	-1.17546	0.0090397	0.670967	-1.49039	0.0794635	1.26377	1.26377	0.0127272	1.45102	1.45102	5.96586	1.36635	0.203581	1
cg01175767	0.0415704	1.56286	1.56286	0.182826	0.764429	-1.30817	0.924562	0.982163	-1.01816	0.732296	0.936833	-1.06743	5.10944	2.92222	0.508378	1
cg05892773	0.353841	0.9006	-1.11037	0.785807	1.03035	1.03035	0.0800544	1.23756	1.23756	0.0975071	1.22086	1.22086	4.77737	0.911378	0.169573	1
cg02834311	0.252536	1.32441	1.32441	0.00933596	0.460657	-2.17081	0.548702	1.15333	1.15333	0.702504	0.913735	-1.09441	4.7517	4.15901	0.778017	1
cg06079481	0.258854	0.79897	-1.25161	0.0132426	0.557157	-1.79483	0.0125532	1.80664	1.80664	0.461946	1.15335	1.15335	4.34338	2.49677	0.510973	1
cg22851415	0.21851	0.812521	-1.23074	1.04E-05	0.220313	-4.539	0.168294	0.790167	-1.26556	0.000270633	0.383685	-2.6063	16.3776	6.67439	0.362251	1
cg00698051	0.421106	0.938737	-1.06526	0.0270663	1.22301	1.22301	0.148247	0.887546	-1.1267	0.000534268	0.660622	-1.51373	38.6036	3.61757	0.0832983	1
cg02368869	0.00629048	0.271489	-3.68339	0.199013	0.608248	-1.64407	0.165383	0.581564	-1.7195	0.00947193	0.299877	-3.3347	5.98481	12.7204	1.88929	1
cg23738708	0.992674	1.00133	1.00133	0.0104114	1.59762	1.59762	0.40216	1.13261	1.13261	0.0825748	0.756357	-1.32213	4.23357	1.41433	0.296955	1
cg27541882	0.000735906	0.408866	-2.44579	0.106115	1.36037	1.36037	0.0887137	1.38742	1.38742	0.649051	1.08318	1.08318	6.27141	3.02047	0.428111	1
cg26437845	0.431799	1.36845	1.36845	0.798374	0.904763	-1.10526	0.507951	1.3003	1.3003	0.37228	0.698976	-1.43067	3.6146	8.75096	2.152	1
cg12403889	0.222755	0.472155	-2.11795	0.00842014	0.139318	-7.17784	0.0397898	0.248519	-4.02384	0.11002	0.360486	-2.77404	3.52505	19.1539	4.82991	1
cg02334370	0.730397	1.0633	1.0633	0.000628756	0.393533	-2.54108	0.594601	1.1	1.1	0.0413692	1.5181	1.5181	5.75746	2.87086	0.443229	1
cg04934776	0.01945	0.365274	-2.73767	0.011318	0.322816	-3.09774	0.678025	0.86171	-1.16048	0.0769121	0.495954	-2.01632	3.94235	7.93539	1.78921	1
cg02896768	0.0488459	0.480347	-2.08183	0.00624396	0.312945	-3.19544	0.243387	1.48866	1.48866	0.0175155	0.389671	-2.56627	3.87617	6.52231	1.4957	1
cg15696662	0.0699966	1.52395	1.52395	0.183023	0.745407	-1.34155	0.831955	0.956772	-1.04518	0.171923	1.35311	1.35311	12.1395	8.31493	0.608844	1
cg01656970	0.868783	1.02532	1.02532	2.76E-05	0.286679	-3.48823	0.965697	1.00652	1.00652	0.640284	1.07376	1.07376	15.8813	5.7514	0.32191	1
cg23052863	0.0164534	0.71703	-1.39464	0.000495974	0.538682	-1.85638	0.344306	1.11689	1.11689	0.0118736	0.700195	-1.42817	10.6473	2.17164	0.1813	1
cg21441507	0.0887571	0.584051	-1.71218	0.0334285	0.490714	-2.03785	0.469086	0.809787	-1.23489	0.228196	0.696081	-1.43662	7.19709	9.35239	1.15508	1
cg19662687	0.268282	0.527124	-1.89709	0.759042	0.842946	-1.18632	0.452428	0.653715	-1.52972	0.427603	0.637773	-1.56795	3.83052	18.7081	4.34129	1
cg07312312	0.000680291	0.393449	-2.54163	0.140517	1.32957	1.32957	0.366518	1.18137	1.18137	0.0261154	0.62237	-1.60676	7.78113	3.97786	0.454417	1
cg08031955	0.432847	0.780996	-1.28042	0.0214359	0.425936	-2.34777	0.156104	0.625888	-1.59773	0.264374	0.698189	-1.43228	4.61139	6.96545	1.34266	1
cg23599104	0.115629	2.53291	2.53291	0.0300394	0.249901	-4.00159	0.119937	0.399834	-2.50104	0.0726889	0.336875	-2.96846	4.97684	23.2732	4.15671	1
cg17946668	0.708433	1.07992	1.07992	0.818941	1.04805	1.04805	0.763773	1.06363	1.06363	0.431115	0.848346	-1.17876	3.65093	2.42231	0.589758	1
cg19729672	0.0452941	0.483736	-2.06724	0.144913	1.64065	1.64065	0.271027	0.696012	-1.43676	0.00294126	0.274856	-3.63827	14.407	22.8186	1.40787	1
cg02206259	0.0015092	0.513496	-1.94744	0.00368617	0.564233	-1.77232	0.000892507	0.484118	-2.06561	0.19105	0.817217	-1.22367	11.917	4.01238	0.299283	1
cg19085699	0.573064	1.04192	1.04192	0.796786	1.01879	1.01879	0.380214	1.06707	1.06707	0.484072	1.05263	1.05263	11.0013	0.906318	0.0732289	1
cg19082003	0.578928	0.937798	-1.06633	3.66E-05	0.402357	-2.48536	0.0658669	1.26672	1.26672	0.268773	0.876383	-1.14105	9.51668	1.97815	0.184766	1
cg08005943	0.0549842	1.22717	1.22717	0.806616	1.02334	1.02334	0.394631	1.08548	1.08548	0.00423596	1.43356	1.43356	4.24044	0.594346	0.124588	1
cg20272604	0.49551	1.08979	1.08979	0.00950393	0.664837	-1.50413	0.843168	0.975689	-1.02492	0.206712	1.17994	1.17994	3.73016	0.912031	0.217335	1
cg13457651	0.283285	0.810891	-1.23321	0.000863956	0.390488	-2.5609	0.476508	0.872738	-1.14582	0.00148556	0.422405	-2.36739	9.8925	5.53955	0.497755	1
cg22595920	0.590482	1.07032	1.07032	0.00932746	1.51061	1.51061	0.485848	0.915227	-1.09263	0.00276606	0.5967	-1.67588	8.41347	2.08505	0.220287	1
cg11334709	0.669944	1.02545	1.02545	0.00145684	1.30933	1.30933	0.255092	1.07213	1.07213	0.00512272	0.805114	-1.24206	5.8943	0.320759	0.048372	1
cg12354861	0.655259	0.868441	-1.15149	0.0025263	0.268192	-3.72867	0.0136837	0.384013	-2.60408	0.0114429	0.370353	-2.70013	5.83276	9.10174	1.38707	1
cg01666040	0.797955	1.06454	1.06454	0.111605	0.655404	-1.52578	0.569817	0.869322	-1.15032	0.154693	0.689774	-1.44975	3.70369	3.48709	0.836906	1
cg16058430	0.00509107	1.6591	1.6591	0.000121053	2.50489	2.50489	0.127409	1.25284	1.25284	0.00684106	0.619398	-1.61447	21.3829	6.33271	0.263251	1
cg14222140	0.0232968	0.742516	-1.34677	0.000199536	1.98547	1.98547	0.0866066	1.23102	1.23102	0.0522802	0.784752	-1.27429	16.9892	3.24443	0.169751	1
cg17717878	0.000280634	0.468854	-2.13286	0.016207	1.45503	1.45503	0.000221802	0.456457	-2.19078	0.114938	0.803643	-1.24433	12.8296	3.3045	0.22895	1
cg21686600	0.0880677	0.490115	-2.04034	0.000779643	0.145799	-6.85877	0.517747	1.28203	1.28203	0.00213353	0.194996	-5.12831	11.9688	27.2074	2.02061	1
cg13980834	0.972818	1.00501	1.00501	0.138949	0.791728	-1.26306	8.35E-05	0.354084	-2.82419	0.0103858	0.622983	-1.60518	9.32222	3.17428	0.302672	1
cg22436963	0.0796923	0.664911	-1.50396	0.720931	0.927498	-1.07817	0.000431476	0.310868	-3.2168	0.230387	0.767954	-1.30216	8.99789	6.27442	0.61984	1
cg03140978	0.193498	1.2424	1.2424	0.0201358	1.55609	1.55609	0.00230311	0.510727	-1.95799	0.513801	1.1101	1.1101	4.67737	1.8434	0.35032	1
cg25623347	0.399324	0.806121	-1.24051	0.079673	0.615181	-1.62554	0.928208	0.977742	-1.02276	0.027188	0.52048	-1.9213	11.4815	11.3451	0.878333	1
cg11756509	0.637342	1.15602	1.15602	0.00237744	0.27431	-3.64551	0.398805	1.3018	1.3018	0.331611	0.736508	-1.35776	7.42645	10.9646	1.31238	1
cg21268653	0.825286	0.921293	-1.08543	0.13355	0.5488	-1.82216	0.0337032	0.398667	-2.50836	0.520313	1.27332	1.27332	20.3503	44.3113	1.93549	1
cg05565562	0.471582	0.799186	-1.25127	0.0248579	2.2647	2.2647	0.990107	0.996212	-1.0038	0.220277	0.674009	-1.48366	10.2349	15.1889	1.31913	1
cg17179875	0.455917	0.809653	-1.2351	0.000200916	0.176402	-5.66888	0.800792	1.07283	1.07283	0.789909	1.07708	1.07708	7.70949	9.44049	1.08847	1
cg21782985	0.691205	0.834393	-1.19848	0.0119879	0.241395	-4.14258	0.0771813	0.410236	-2.43762	0.923015	1.04481	1.04481	5.56302	18.1172	2.89487	1
cg08920121	2.66E-05	2.28002	2.28002	?	?	?	3.81E-05	2.0776	2.0776	9.69E-05	1.70827	1.70827	1477.7	6.1686	0.00178906	1
cg15549973	0.271453	0.690327	-1.44859	0.0115944	0.360021	-2.77761	0.00906608	0.341803	-2.92566	0.0501745	0.485392	-2.06019	5.49486	9.11896	1.47515	1
cg03963174	0.00198829	0.221439	-4.51592	0.108072	0.545898	-1.83184	0.347915	0.716293	-1.39608	0.00181577	0.216387	-4.62135	10.4485	19.7257	1.67813	1
cg21118367	0.266792	0.581646	-1.71926	0.0264867	0.291669	-3.42855	0.024816	3.49477	3.49477	0.270449	0.584247	-1.7116	7.07448	24.5795	3.08835	1
cg27167439	0.0915651	1.33654	1.33654	0.00438854	0.552131	-1.81116	0.0916202	0.748245	-1.33646	0.0339095	0.679318	-1.47206	6.93857	2.67913	0.343218	1
cg08843859	0.0176138	0.658026	-1.5197	0.0271188	0.684476	-1.46097	0.631356	0.932337	-1.07257	0.583092	0.92281	-1.08365	6.28913	2.09195	0.295671	1
cg09280838	0.294847	0.734089	-1.36223	0.0798465	0.575192	-1.73855	0.00382461	3.03284	3.03284	0.757111	0.915513	-1.09228	6.12803	7.85756	1.13976	1
cg03539970	0.177077	0.569655	-1.75545	0.0961606	0.48841	-2.04746	0.69351	1.16807	1.16807	0.85498	0.930755	-1.0744	5.43213	13.2352	2.16574	1
cg09753749	0.598311	0.743136	-1.34565	0.0762327	0.332351	-3.00887	0.0597495	3.27498	3.27498	0.998886	1.00078	1.00078	4.22592	20.8707	4.38998	1
cg22039357	0.420877	0.695603	-1.4376	0.114338	0.468542	-2.13428	0.680476	1.20056	1.20056	0.727592	0.85696	-1.16692	4.22287	13.0318	2.7431	1
cg05301808	0.876916	1.06197	1.06197	0.300343	0.659437	-1.51645	0.546367	1.26723	1.26723	0.561455	0.796297	-1.25581	3.84594	9.16772	2.11888	1
cg00987350	0.150286	0.680442	-1.46963	0.963153	0.988532	-1.0116	0.0342466	1.85295	1.85295	0.952599	1.01495	1.01495	3.64736	3.60124	0.87765	1
cg20692896	0.0135261	1.23456	1.23456	0.146756	0.898198	-1.11334	0.935191	1.00562	1.00562	0.870033	0.988775	-1.01135	3.5843	0.269785	0.0669055	1
cg24162801	0.383115	0.651169	-1.5357	0.310706	0.604652	-1.65384	0.0167544	4.05683	4.05683	0.379465	0.648912	-1.54104	3.43871	12.5295	3.23881	1
cg23800435	0.690299	0.822307	-1.21609	0.140431	2.16989	2.16989	0.00428515	6.46406	6.46406	0.0135074	4.45262	4.45262	7.56432	28.5865	3.35922	1
cg01413566	0.755292	1.0846	1.0846	0.123841	1.54172	1.54172	0.249361	0.731454	-1.36714	0.599368	0.871372	-1.14762	6.03268	6.44637	0.949843	1
cg14036856	0.762721	0.910636	-1.09813	0.778884	0.916656	-1.09092	0.242443	0.685091	-1.45966	0.83023	1.06863	1.06863	5.37505	8.13656	1.34557	1
cg09988116	0.665106	0.873022	-1.14545	0.208188	1.51245	1.51245	0.497939	0.80692	-1.23928	0.402909	0.765754	-1.3059	5.26683	8.1093	1.36862	1
cg24464789	0.327677	0.810968	-1.23309	0.0240088	1.74771	1.74771	0.479249	1.16085	1.16085	0.694328	1.08535	1.08535	5.14172	3.50195	0.605409	1
cg00500789	0.94689	1.03493	1.03493	0.0218575	4.12934	4.12934	0.0295966	3.74397	3.74397	0.0249963	3.95366	3.95366	3.46932	14.5976	3.74011	1
cg17225465	0.692066	0.880208	-1.1361	0.162312	0.619899	-1.61317	9.45E-05	0.107557	-9.29741	0.384226	0.751279	-1.33106	25.859	42.0782	1.44642	1
cg24662127	0.336851	1.25066	1.25066	8.38E-06	0.111585	-8.96177	0.477074	0.849334	-1.17739	0.00452365	0.425467	-2.35036	19.6753	15.8997	0.718314	1
cg10513359	7.89E-06	0.189018	-5.29051	0.805277	0.958829	-1.04294	0.382054	0.858479	-1.16485	0.00232651	0.484919	-2.0622	15.5981	7.15737	0.407877	1
cg14829553	0.0322526	0.782788	-1.27749	0.703483	1.03805	1.03805	0.0382908	1.26423	1.26423	0.150222	1.16255	1.16255	9.66802	1.46037	0.134268	1
cg14282087	0.136863	0.834037	-1.19899	0.00522749	0.658862	-1.51777	0.00956209	0.689617	-1.45008	0.264354	0.876559	-1.14083	7.60542	1.54484	0.180554	1
cg23276912	0.0983936	0.597527	-1.67356	0.00113421	0.256541	-3.89801	0.0121452	0.411441	-2.43048	0.0988404	0.598012	-1.67221	6.07139	7.76135	1.13631	1
cg26895571	0.84783	0.963165	-1.03824	0.00535082	0.488376	-2.0476	0.614543	1.10429	1.10429	0.212975	0.773959	-1.29206	3.83666	2.31912	0.537301	1
cg03655847	0.508132	1.11372	1.11372	0.29852	0.841236	-1.18873	0.141028	1.28916	1.28916	0.911082	1.01808	1.01808	3.41679	1.39288	0.362362	1
cg09898729	0.230735	0.850168	-1.17624	2.56E-05	0.340319	-2.93842	0.34147	0.881127	-1.13491	0.0572835	0.757553	-1.32004	9.89815	2.61311	0.234666	1
cg27444150	7.74E-05	0.0706006	-14.1642	0.598161	1.21773	1.21773	0.0330682	2.51685	2.51685	0.0678634	2.13292	2.13292	8.81719	19.1566	1.93124	1
cg22502492	0.0010772	0.512657	-1.95062	0.0266664	0.69528	-1.43827	0.0013958	0.526917	-1.89783	0.408569	1.12408	1.12408	12.8631	3.90095	0.269571	1
cg20150640	0.13574	0.690099	-1.44907	0.0152285	0.502769	-1.98899	0.00710432	0.448288	-2.23071	0.473466	0.845183	-1.18318	6.36873	5.36855	0.749293	1
cg16240683	0.548936	1.22768	1.22768	0.0491478	2.13737	2.13737	0.566886	1.21626	1.21626	0.117524	0.562711	-1.77711	5.38873	9.76347	1.61052	1
cg16696234	0.0205495	2.19291	2.19291	0.00938725	2.52658	2.52658	0.226069	1.43008	1.43008	0.186953	0.67459	-1.48238	4.65036	5.83297	1.11494	1
cg16727538	0.0824974	0.629806	-1.58779	0.0173271	0.49821	-2.00718	0.749698	0.925939	-1.07999	0.337046	1.26863	1.26863	4.69507	4.29725	0.813572	1
cg20275932	0.928885	1.04161	1.04161	0.0505651	2.82537	2.82537	0.0972266	2.32402	2.32402	0.376324	0.659519	-1.51626	5.12831	16.5817	2.51483	1
cg20959676	0.497218	1.08992	1.08992	0.52692	1.08338	1.08338	0.226868	0.853424	-1.17175	0.508414	0.919607	-1.08742	4.29503	1.06157	0.219699	1
cg00957688	?	?	?	0.406207	1.11088	1.11088	0.760633	1.03854	1.03854	0.110478	1.24016	1.24016	5.76308	1.24251	0.215599	1
cg12667125	0.159861	1.36237	1.36237	0.872676	1.03357	1.03357	0.141551	1.3847	1.3847	0.849573	1.03987	1.03987	4.28006	2.87392	0.59686	1
cg26235710	0.0312614	1.83854	1.83854	0.252817	1.33353	1.33353	0.0425597	1.75542	1.75542	0.079336	1.59896	1.59896	9.50669	8.74336	0.817517	1
cg12898849	0.0726263	0.75398	-1.32629	0.0626107	0.744219	-1.34369	0.191152	1.21548	1.21548	0.232761	0.838268	-1.19294	3.9218	1.23469	0.279846	1
cg26691567	0.945224	1.01584	1.01584	0.0655994	0.623373	-1.60417	0.433204	0.832833	-1.20072	0.929614	0.979996	-1.02041	3.89782	3.22947	0.736472	1
cg13184734	0.764573	0.967159	-1.03396	0.000136784	0.480197	-2.08248	0.106521	1.21646	1.21646	0.00575748	1.49531	1.49531	8.2006	1.60541	0.174015	1
cg27392551	0.219386	0.778739	-1.28413	0.000355815	0.329555	-3.0344	0.771808	1.05792	1.05792	0.000150885	0.283773	-3.52394	13.4293	7.97411	0.527807	1
cg21202295	0.644213	1.13712	1.13712	0.0639077	0.562448	-1.77794	0.78863	0.928441	-1.07707	0.0146169	0.435687	-2.29523	3.57414	4.32206	1.0749	1
cg14701962	0.120589	0.595159	-1.68022	0.0255604	0.441437	-2.26533	0.41785	1.29069	1.29069	0.0380049	0.476434	-2.09893	3.49904	5.26484	1.33747	1
cg21547763	0.00729243	0.391424	-2.55477	0.868923	0.956218	-1.04579	0.752381	0.917782	-1.08958	0.0411287	0.527965	-1.89407	5.12399	5.96279	1.0344	1
cg15492834	0.549729	0.826318	-1.21019	0.274206	1.43137	1.43137	0.721585	1.11939	1.11939	0.889938	0.957295	-1.04461	4.36669	6.8715	1.39877	1
cg17906245	0.257232	1.15057	1.15057	0.00314844	1.61401	1.61401	0.392368	0.901278	-1.10954	0.000546317	0.528812	-1.89103	15.3179	3.41353	0.198085	1
cg11251012	0.00521409	0.211414	-4.73006	0.48853	1.34534	1.34534	0.305146	0.639122	-1.56465	0.186962	0.554502	-1.80342	4.53939	12.7773	2.50201	1
cg15605235	0.00764615	0.735828	-1.35901	0.00212361	0.679531	-1.4716	0.0114015	1.32753	1.32753	0.000161771	0.562063	-1.77916	15.7913	2.00178	0.11268	1
cg02359160	0.05978	1.29955	1.29955	0.000972368	1.83205	1.83205	0.0480113	1.32156	1.32156	0.0235218	0.716275	-1.39611	14.2927	3.44441	0.214215	1
cg04212926	0.89548	1.01442	1.01442	0.78986	0.971324	-1.02952	0.360681	1.10778	1.10778	0.187751	0.858934	-1.16423	13.9594	2.62336	0.167047	1
cg03984347	0.342967	1.3558	1.3558	0.000188605	7.11404	7.11404	0.0180993	2.44576	2.44576	0.349604	1.34984	1.34984	10.2113	15.6984	1.36654	1
cg07722722	0.00758132	0.235567	-4.24507	0.0186964	0.301277	-3.31921	0.301665	0.637333	-1.56904	0.0125813	0.270823	-3.69244	8.95409	25.1298	2.49468	1
cg26246947	0.960565	0.993507	-1.00654	0.00376493	0.597401	-1.67392	0.253268	0.854536	-1.17023	0.0140436	0.670649	-1.49109	8.82508	2.42599	0.244353	1
cg24527881	0.0238973	0.329931	-3.03093	0.47434	0.7413	-1.34898	0.475631	1.34776	1.34776	0.0368541	0.368789	-2.71158	6.21048	16.6495	2.38299	1
cg14658964	0.0249585	0.290038	-3.44782	0.0322071	0.312303	-3.20202	0.361184	0.646957	-1.5457	0.0269984	0.296739	-3.36997	6.1507	20.9669	3.0301	1
cg06884882	0.0595034	0.536139	-1.86519	0.00350034	0.313194	-3.19291	0.479493	0.810036	-1.23451	0.0598338	0.53668	-1.86331	6.08232	8.27405	1.2092	1
cg07173823	0.160899	1.62523	1.62523	0.00117504	4.68357	4.68357	0.0323829	2.25325	2.25325	0.143947	0.601035	-1.6638	5.98232	9.96373	1.48047	1
cg03320492	0.0250084	0.285647	-3.50082	0.0369607	0.320331	-3.12177	0.800759	1.12617	1.12617	0.0221005	0.275408	-3.63098	5.70354	19.9435	3.10817	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13051977	C1orf228	0.0365651	0.101338	0.678941	-1.47288	0.0228231	0.555441	-1.80037	0.409618	0.833583	-1.19964	0.0113265	0.504354	-1.98273	0.66437	1.09881	1.09881	0.0471096	0.612372	-1.63299	0.210055	1.32992	1.32992	0.384532	1.21221	1.21221	0.0367843	0.592387	-1.68809	3.80622	2.80857	0.655902	1
cg03044096	C1orf228;TMEM53	0.00231228	0.00251581	0.504592	-1.9818	0.00296183	1.94447	1.94447	0.00486807	1.83777	1.83777	0.104126	1.33598	1.33598	0.642658	1.07915	1.07915	0.0121841	0.600936	-1.66407	0.0155305	0.6164	-1.62232	0.950201	1.01023	1.01023	0.654954	1.07609	1.07609	9.24155	3.88999	0.374155	1
cg17593366	C1orf228;TMEM53;C1orf228	0.0101895	0.273849	0.83784	-1.19355	0.000327842	2.46393	2.46393	0.511957	1.10888	1.10888	0.227252	0.821221	-1.2177	0.306175	1.17894	1.17894	0.0314586	1.48001	1.48001	0.461907	0.890144	-1.12341	0.210173	1.22775	1.22775	0.370856	0.866947	-1.15347	5.8752	2.24652	0.339887	1
cg24297800	C1orf229;C1orf229	0.0324499	0.015634	0.593345	-1.68536	0.173529	0.774893	-1.2905	0.0772834	0.707571	-1.41329	0.507687	0.888372	-1.12566	0.001275	0.437108	-2.28777	0.812541	0.959022	-1.04273	0.75623	0.946633	-1.05638	0.0782967	0.708586	-1.41126	0.0949726	0.723861	-1.38148	3.97395	1.95226	0.436679	1
cg25199322	C1orf230	0.000284213	0.00677838	0.800829	-1.24871	0.0225828	1.18868	1.18868	0.000537485	1.4061	1.4061	0.000838107	0.727558	-1.37446	0.000311357	0.690608	-1.448	0.0043791	0.78594	-1.27236	0.0797796	0.88421	-1.13095	0.00513535	0.791389	-1.2636	0.764424	1.0192	1.0192	16.6952	1.05933	0.0564011	1
cg16096311	C1orf230	0.0137852	0.00324945	0.127507	-7.84268	0.0411405	3.35048	3.35048	0.766232	1.16533	1.16533	0.0140791	0.211127	-4.73649	0.0376389	0.290115	-3.44691	0.182154	0.483522	-2.06816	0.0175838	0.227071	-4.40391	0.813527	1.12891	1.12891	0.240579	0.53233	-1.87853	5.32687	22.2166	3.70726	1
cg24158160	C1orf230	0.0254657	0.00631588	0.111401	-8.97661	0.0533556	3.87421	3.87421	0.838972	0.882004	-1.13378	0.0336	0.216171	-4.62596	0.0959723	0.323616	-3.09008	0.174271	0.409902	-2.43961	0.0127083	0.147945	-6.75929	0.961272	1.03042	1.03042	0.188949	0.423657	-2.3604	4.32933	26.1101	5.36087	1
cg11848740	C1orf25	0.00102622	0.000760881	2.05314	2.05314	0.0469588	0.725689	-1.378	0.000106263	0.381125	-2.62381	0.305471	1.16139	1.16139	0.0407719	0.716766	-1.39515	0.731165	0.952535	-1.04983	0.404282	0.886632	-1.12786	0.0826506	1.31129	1.31129	0.240631	0.840957	-1.18912	11.6805	3.67775	0.279878	1
cg11753311	C1orf25;C1orf26;C1orf26	3.31E-05	0.124572	0.873349	-1.14502	0.121481	1.14652	1.14652	0.00265518	1.4029	1.4029	0.347531	1.08196	1.08196	0.0372023	0.821207	-1.21772	0.0215416	0.798665	-1.25209	4.73E-07	0.315652	-3.16805	0.98511	0.998481	-1.00152	0.346024	0.924009	-1.08224	29.6847	3.11816	0.0933713	1
cg00498612	C1orf25;C1orf26;C1orf26	0.00142286	0.00473666	0.660644	-1.51368	0.754556	1.03526	1.03526	0.00258927	0.630448	-1.58617	0.898183	0.985954	-1.01425	0.148818	0.842746	-1.1866	0.00947272	0.695401	-1.43802	0.000293235	0.520983	-1.91945	0.0302965	0.75473	-1.32498	0.00729862	1.46563	1.46563	10.6399	2.05744	0.171885	1
cg03609826	C1orf25;C1orf26;C1orf26	0.00505031	0.000259478	0.350209	-2.85544	0.329506	0.838861	-1.19209	0.599958	1.09681	1.09681	0.00152392	0.450723	-2.21866	0.290714	0.825762	-1.211	0.0165515	0.59981	-1.6672	0.485891	1.1316	1.1316	0.527624	0.894275	-1.11822	0.365781	0.850232	-1.17615	7.3162	3.53263	0.429201	1
cg00816620	C1orf25;C1orf26;C1orf26	0.014632	0.070516	0.573259	-1.74441	0.124372	1.58095	1.58095	0.554465	1.17891	1.17891	0.33558	0.76083	-1.31435	0.00575967	0.369314	-2.70772	0.211497	0.696039	-1.4367	0.00201244	0.301313	-3.31881	0.0306353	0.497019	-2.012	0.955681	1.01542	1.01542	5.22338	6.26889	1.06681	1
cg07189027	C1orf25;C1orf26;C1orf26	0.0283101	0.0213591	0.507754	-1.96946	0.0421002	1.7751	1.7751	0.0657652	1.65857	1.65857	0.016408	0.487383	-2.05177	0.21301	0.725151	-1.37902	0.268153	0.753793	-1.32662	0.825426	0.947307	-1.05562	0.0542017	0.585428	-1.70815	0.494003	0.843497	-1.18554	4.17156	3.96719	0.845342	1
cg07176514	C1orf25;C1orf26;C1orf26;C1orf26	0.000203594	0.183383	0.84458	-1.18402	0.116088	1.22675	1.22675	0.000401098	1.96153	1.96153	0.188063	1.18166	1.18166	5.36E-05	0.405867	-2.46386	0.161352	1.19601	1.19601	0.00100859	1.79303	1.79303	0.0175685	0.707678	-1.41307	0.0133738	0.693068	-1.44286	18.2827	4.1463	0.20159	1
cg27491458	C1orf25;C1orf26;C1orf26;C1orf26	0.0165541	0.0573594	1.42998	1.42998	0.192378	1.25804	1.25804	0.0846942	1.37332	1.37332	0.887607	0.976747	-1.02381	0.802246	0.959111	-1.04263	0.000726656	0.425303	-2.35126	0.962146	1.00793	1.00793	0.739467	1.0571	1.0571	0.252031	0.819491	-1.22027	5.01381	2.19791	0.389664	1
cg20329966	C1orf25;C1orf26;C1orf26;C1orf26	0.0281651	0.108763	1.26449	1.26449	0.00219062	1.77946	1.77946	0.917762	1.01395	1.01395	0.077168	1.30163	1.30163	0.139495	1.2378	1.2378	0.336963	1.14203	1.14203	0.0310738	0.712106	-1.40428	0.89201	1.01839	1.01839	0.23691	1.18086	1.18086	4.17912	1.19124	0.253374	1
cg09358240	C1orf25;C1orf26;C1orf26;C1orf26	0.0386722	0.0872077	1.66349	1.66349	0.192065	1.45082	1.45082	0.377266	0.783366	-1.27654	0.44668	1.23247	1.23247	0.765529	0.922564	-1.08394	0.0134342	2.28159	2.28159	0.00843071	0.403893	-2.4759	0.349886	1.29604	1.29604	0.364361	1.28556	1.28556	3.72911	4.28918	1.02239	1
cg01979511	C1orf25;C1orf26;C1orf26;C1orf26	0.0410745	0.989695	0.998625	-1.00138	0.413273	0.914721	-1.09323	0.813142	1.02556	1.02556	0.0432573	0.780538	-1.28117	0.00869084	1.42815	1.42815	0.200398	1.15504	1.15504	0.393979	1.09751	1.09751	0.0206931	0.743132	-1.34566	0.799085	0.973185	-1.02755	3.64729	0.656024	0.159881	1
cg06758327	C1orf26;C1orf26	0.0200173	0.0190617	0.252001	-3.96824	0.0521971	0.34211	-2.92304	0.0873421	0.399807	-2.50121	0.256047	0.562221	-1.77866	0.00422502	0.15561	-6.42634	0.0432165	0.323174	-3.09431	0.00340464	0.144648	-6.91331	0.923918	0.954664	-1.04749	0.0355625	0.304702	-3.2819	4.70318	17.5727	3.3212	1
cg08910524	C1orf27;C1orf27;MIR548F1;C1orf27	0.0401626	0.0373281	0.233843	-4.27638	0.138163	0.382932	-2.61143	0.288947	0.51587	-1.93847	0.883399	0.915539	-1.09225	0.0136128	0.159549	-6.26769	0.0937733	0.330186	-3.0286	0.0197267	0.183915	-5.43729	0.417211	1.64629	1.64629	0.0113104	0.148477	-6.73505	3.67764	21.0591	5.09	1
cg20598063	C1orf27;C1orf27;MIR548F1;C1orf27;TPR	0.00464469	0.819645	1.03347	1.03347	0.783903	0.961149	-1.04042	0.87218	1.02348	1.02348	0.768442	0.958335	-1.04348	0.475685	1.11021	1.11021	0.451869	1.11682	1.11682	5.92E-05	0.342594	-2.91891	0.306435	1.1649	1.1649	0.497846	1.10429	1.10429	7.50524	2.46995	0.29253	1
cg24577137	C1orf27;TPR;C1orf27;MIR548F1;C1orf27	0.0143086	0.386812	0.913673	-1.09448	0.00336352	1.50079	1.50079	0.0200121	1.33065	1.33065	0.156953	0.85722	-1.16656	0.0304424	1.29547	1.29547	0.937139	1.00806	1.00806	0.0879186	0.825576	-1.21128	0.405958	0.917112	-1.09038	0.0548397	1.24811	1.24811	5.262	0.863178	0.145813	1
cg27342087	C1orf27;TPR;C1orf27;MIR548F1;C1orf27	0.0493796	0.217534	0.830605	-1.20394	0.158797	0.806151	-1.24046	0.199829	1.21382	1.21382	0.763351	1.04415	1.04415	0.0445598	1.39097	1.39097	0.21655	0.830241	-1.20447	0.00651595	0.603015	-1.65833	0.189625	0.819735	-1.21991	0.543464	0.915775	-1.09197	3.40424	1.10356	0.288154	1
cg19247360	C1orf31	0.000598682	0.858726	1.09141	1.09141	0.0108945	4.80318	4.80318	0.0086033	5.18164	5.18164	0.00184825	0.114152	-8.76025	3.76E-05	0.0205151	-48.7446	0.480351	1.42221	1.42221	0.624985	0.785167	-1.27361	0.973574	1.0164	1.0164	0.266704	0.56658	-1.76498	13.5922	51.8889	3.39337	1
cg24557133	C1orf31	0.013777	0.659744	0.871365	-1.14763	0.510803	0.812781	-1.23034	0.619874	0.85607	-1.16813	0.143148	0.613224	-1.63072	0.000159196	0.134516	-7.43407	0.122177	0.594141	-1.6831	0.95967	0.984407	-1.01584	0.846384	1.06213	1.06213	0.484871	0.802042	-1.24682	5.32791	8.15028	1.35976	1
cg08166961	C1orf31	0.0492319	0.0465375	0.600387	-1.66559	0.287725	0.781117	-1.28022	0.644197	1.10969	1.10969	0.382055	1.22218	1.22218	0.815013	1.05385	1.05385	0.519299	1.15743	1.15743	0.476721	1.17578	1.17578	0.717791	0.921984	-1.08462	0.00206941	0.378817	-2.6398	3.40811	2.70353	0.705122	1
cg14255644	C1orf35	0.00021059	0.000383378	0.231531	-4.31908	5.37E-05	0.143103	-6.98799	0.0339155	0.527762	-1.89479	0.0168554	0.471164	-2.1224	0.000189323	0.197019	-5.07564	0.00235156	0.334391	-2.99051	0.000142221	0.183904	-5.43761	0.000483878	0.243592	-4.10522	0.00212554	0.328115	-3.04771	18.1158	19.1117	0.937753	1
cg11953245	C1orf35	0.000322185	0.00269581	3.70153	3.70153	0.435754	0.778027	-1.2853	0.038453	2.13185	2.13185	0.666316	0.872023	-1.14676	3.84E-05	0.0827954	-12.078	0.00218816	0.257622	-3.88165	0.0017099	0.243289	-4.11033	0.464778	1.26471	1.26471	0.0221001	0.420516	-2.37803	16.1318	25.4566	1.4027	1
cg14925024	C1orf35	0.00058897	0.971445	0.986364	-1.01382	0.147532	0.550961	-1.81501	0.740439	1.13601	1.13601	0.327157	0.678403	-1.47405	3.04E-05	0.0438594	-22.8001	0.00046542	0.121062	-8.26021	0.00218826	0.19241	-5.19724	0.486646	0.76252	-1.31144	0.00155078	0.174529	-5.72969	13.6543	31.8194	2.07142	1
cg22790377	C1orf35	0.000621024	0.101898	3.074	3.074	0.0346367	0.213331	-4.68754	0.123	2.85198	2.85198	0.862509	1.11485	1.11485	4.39E-05	0.00775853	-128.89	0.00161808	0.058755	-17.0198	0.00286407	0.0762802	-13.1096	0.501283	0.651751	-1.53433	0.00490004	0.0964769	-10.3652	13.454	83.821	5.53796	1
cg15720832	C1orf35	0.000761638	0.0709928	3.64115	3.64115	0.150685	0.372759	-2.6827	0.0767973	3.52851	3.52851	0.463649	0.620084	-1.61269	0.000127721	0.0139941	-71.4585	0.000604929	0.033792	-29.5928	0.00163345	0.0555333	-18.0072	0.202901	0.422656	-2.36599	0.0060783	0.100758	-9.92481	12.7065	82.6031	5.77855	1
cg07818431	C1orf35	0.00177933	0.00773126	0.467976	-2.13686	0.345751	1.24049	1.24049	0.0361233	0.582247	-1.71748	0.350082	0.807781	-1.23796	0.000592706	0.308151	-3.24516	0.0015504	0.364205	-2.7457	0.616252	1.11867	1.11867	0.000536774	0.302622	-3.30445	0.532431	1.15066	1.15066	9.97513	7.78142	0.693406	1
cg00125159	C1orf35	0.00197342	0.316556	0.896997	-1.11483	0.00100654	1.66935	1.66935	0.207574	0.869782	-1.14971	0.0240884	0.753955	-1.32634	0.170418	0.8579	-1.16564	0.000694705	1.72166	1.72166	0.498466	1.07481	1.07481	0.0218509	0.749117	-1.3349	0.0931263	1.214	1.214	9.67955	1.68959	0.155158	1
cg04078980	C1orf35	0.0171192	0.00641709	9.2239	9.2239	0.106987	0.332002	-3.01203	0.0380216	4.51366	4.51366	0.930535	0.946833	-1.05615	0.0103712	0.132266	-7.56051	0.41141	0.590786	-1.69266	0.162458	0.3928	-2.54582	0.405444	1.70464	1.70464	0.14499	0.375011	-2.66659	4.95788	30.8308	5.52759	1
cg07914919	C1orf35	0.0326993	0.09975	0.798548	-1.25227	0.937386	1.00985	1.00985	0.136665	1.22135	1.22135	0.0304338	0.728163	-1.37332	0.235442	0.85636	-1.16773	0.762085	1.03859	1.03859	0.0126341	1.47203	1.47203	0.537773	1.08091	1.08091	0.0290867	1.37817	1.37817	3.96306	0.97611	0.218936	1
cg09579933	C1orf38;C1orf38;C1orf38	0.00042655	0.204992	0.681459	-1.46744	0.226505	0.69477	-1.43932	0.00762263	0.373847	-2.67489	0.00373683	0.325335	-3.07376	0.000135316	0.150298	-6.65345	0.0580447	0.540964	-1.84855	0.000189923	0.164606	-6.07513	7.12E-05	0.125346	-7.97792	0.00355907	0.322173	-3.10392	14.933	19.4512	1.15783	1
cg08623383	C1orf38;C1orf38;C1orf38	0.0158941	0.00831753	0.203846	-4.90567	0.0335308	0.310087	-3.2249	0.0569237	0.362099	-2.76167	0.0260415	0.287842	-3.47413	0.00393692	0.160572	-6.22774	0.0769008	0.395535	-2.52822	0.01309	0.234321	-4.26766	0.00659841	0.189573	-5.275	0.128334	0.460689	-2.17066	5.0822	17.8934	3.1296	1
cg23206761	C1orf38;C1orf38;C1orf38	0.0224301	0.0100226	0.140186	-7.13338	0.887091	0.917714	-1.08966	0.0475077	0.25408	-3.93577	0.0475224	0.254109	-3.93532	0.00619283	0.115606	-8.65007	0.0346257	0.225615	-4.43232	0.00970309	0.138403	-7.22526	0.526897	0.678745	-1.47331	0.0255728	0.201225	-4.96955	4.52376	26.1742	5.14304	1
cg27573888	C1orf38;C1orf38;C1orf38	0.0272955	0.70559	0.941063	-1.06263	0.600141	0.918829	-1.08834	0.00165223	0.486368	-2.05606	0.704973	0.940936	-1.06277	0.0235451	0.648653	-1.54166	0.523494	1.10902	1.10902	0.0459006	1.44228	1.44228	0.514664	0.899647	-1.11155	0.434475	0.880176	-1.13614	4.22549	1.71428	0.360621	1
cg25015504	C1orf38;C1orf38;C1orf38	0.0407426	0.303452	0.844059	-1.18475	0.0152743	0.62265	-1.60604	0.16167	0.788436	-1.26833	0.908048	1.01855	1.01855	0.228916	1.22242	1.22242	0.514421	0.900182	-1.11089	0.00226724	0.506967	-1.97251	0.259528	0.829372	-1.20573	0.344203	0.856436	-1.16763	3.65824	1.46578	0.35616	1
cg10771630	C1orf43;C1orf43;C1orf43	0.0437356	0.243854	0.878038	-1.1389	0.441219	0.919641	-1.08738	0.137331	0.843074	-1.18614	0.781162	0.970731	-1.03015	0.944322	1.00748	1.00748	0.343953	1.10959	1.10959	0.00298683	1.54415	1.54415	0.0437378	1.28053	1.28053	0.806287	0.974133	-1.02655	3.56327	0.642129	0.160185	1
cg24578075	C1orf43;C1orf43;UBAP2L;C1orf43;C1orf43;C1orf43;UBAP2L;C1orf43	0.0160648	0.194886	0.809081	-1.23597	0.147068	1.27179	1.27179	0.808205	1.03829	1.03829	0.735807	1.05372	1.05372	0.803206	0.962155	-1.03933	0.777269	0.957126	-1.04479	0.000317815	0.406212	-2.46177	0.179112	0.802108	-1.24671	0.208458	0.814739	-1.22739	5.06418	1.91476	0.336089	1
cg12402495	C1orf43;C1orf43;UBAP2L;UBAP2L;C1orf43	0.0289126	0.259578	0.860983	-1.16146	0.00965446	0.659135	-1.51714	0.638101	1.06215	1.06215	0.824441	1.02868	1.02868	0.129449	1.23183	1.23183	0.58515	0.93225	-1.07267	0.313125	0.875657	-1.142	0.013164	0.676229	-1.47879	0.0293461	1.38631	1.38631	4.14065	1.06221	0.228029	1
cg03587150	C1orf43;UBAP2L;C1orf43;UBAP2L;C1orf43	0.00098082	7.49E-05	0.386589	-2.58672	0.970391	0.995105	-1.00492	0.438628	0.900834	-1.11008	0.00156938	0.54857	-1.82292	0.000302904	0.460087	-2.1735	0.0194001	0.688201	-1.45306	0.0125905	0.663538	-1.50707	0.834572	0.972733	-1.02803	0.458904	0.90511	-1.10484	11.8313	3.27476	0.246033	1
cg16491909	C1orf43;UBAP2L;C1orf43;UBAP2L;C1orf43	0.00117945	0.270859	0.804763	-1.2426	0.470859	1.14911	1.14911	0.669378	1.08479	1.08479	0.25724	0.799292	-1.25111	0.0123593	0.55425	-1.80424	1.54E-05	0.183744	-5.44235	0.200318	0.773898	-1.29216	0.0335186	0.62464	-1.60092	0.811293	1.04636	1.04636	11.227	6.3834	0.505401	1
cg15714329	C1orf43;UBAP2L;C1orf43;UBAP2L;C1orf43	0.0214669	0.0514305	1.38026	1.38026	0.128809	1.2694	1.2694	0.00832032	0.61252	-1.6326	0.0127653	1.5677	1.5677	0.0524049	1.37792	1.37792	0.125004	1.27294	1.27294	0.429831	1.12425	1.12425	0.490099	0.903136	-1.10725	0.57156	0.920272	-1.08664	4.59238	1.53612	0.297328	1
cg09373211	C1orf43;UBAP2L;C1orf43;UBAP2L;C1orf43	0.0251911	0.015602	0.573138	-1.74478	0.353597	0.835959	-1.19623	0.645154	0.916631	-1.09095	0.337983	0.830748	-1.20373	0.00325556	0.470857	-2.12379	0.00782115	0.526834	-1.89813	0.135854	0.739542	-1.35219	0.198521	1.29058	1.29058	0.415224	0.85527	-1.16922	4.34571	2.42559	0.496139	1
cg13924287	C1orf43;UBAP2L;C1orf43;UBAP2L;C1orf43	0.0297045	0.779951	0.830258	-1.20444	0.908154	1.07966	1.07966	0.919488	1.06946	1.06946	0.000427861	0.0246511	-40.5661	0.634799	1.3741	1.3741	0.654019	1.34935	1.34935	0.702635	0.775106	-1.29015	0.205026	0.411427	-2.43056	0.503668	0.637168	-1.56945	4.10122	28.6519	6.20995	1
cg11832543	C1orf49;C1orf49;C1orf49;C1orf49	0.0030499	0.00533114	0.699941	-1.42869	0.0184593	1.32017	1.32017	0.104917	0.8418	-1.18793	0.0168637	0.753262	-1.32756	0.871335	1.01588	1.01588	0.111239	1.18366	1.18366	0.00135702	1.57154	1.57154	0.0917075	0.834887	-1.19777	0.078413	0.82696	-1.20925	8.51632	1.27392	0.132965	1
cg23591125	C1orf49;C1orf49;C1orf49;C1orf49	0.0144729	0.0109271	1.43191	1.43191	0.623568	1.05717	1.05717	0.842203	0.977848	-1.02265	0.560723	0.936025	-1.06835	0.00150603	1.67185	1.67185	0.0276218	1.34004	1.34004	0.00744612	1.47305	1.47305	0.952797	0.993369	-1.00668	0.255959	1.14256	1.14256	5.24225	1.04869	0.177819	1
cg12428622	C1orf50	0.000428081	0.313645	0.729928	-1.37	0.202645	0.666095	-1.50129	0.00191338	0.265104	-3.77211	0.521893	0.821938	-1.21664	0.123706	1.65478	1.65478	0.108065	1.69834	1.69834	9.16E-06	0.0551162	-18.1435	0.997426	1.00097	1.00097	0.0195105	0.426219	-2.34621	14.9182	21.5615	1.28472	1
cg14207163	C1orf51	0.0256125	0.442054	0.736174	-1.35837	0.92527	1.03734	1.03734	0.228003	0.609912	-1.63958	0.015674	0.314289	-3.18179	0.0190746	0.329996	-3.03034	0.00228302	0.188839	-5.29551	0.903639	1.04846	1.04846	0.163676	0.559447	-1.78748	0.0192435	0.330716	-3.02374	4.32066	10.4481	2.14948	1
cg21831898	C1orf51	0.0356703	0.134786	0.262381	-3.81125	0.34537	2.2099	2.2099	0.206963	0.334409	-2.99035	0.0535997	0.156394	-6.39411	?	?	?	0.0234686	0.0966242	-10.3494	0.104981	4.38284	4.38284	?	?	?	0.0479546	6.81271	6.81271	4.8903	37.3894	6.55339	1
cg26414000	C1orf52;C1orf52	0.000889823	0.00632562	0.494795	-2.02104	0.21945	1.29118	1.29118	0.963897	0.991082	-1.009	0.0295922	0.602367	-1.66012	0.000592902	0.350066	-2.85661	0.000612682	0.35193	-2.84148	0.000973485	0.378653	-2.64094	0.0253467	1.69226	1.69226	0.019714	0.572709	-1.74609	12.1617	7.54364	0.551358	1
cg03848145	C1orf52;C1orf52	0.00431831	0.0716937	0.773024	-1.29362	0.835845	0.973787	-1.02692	0.409727	0.897689	-1.11397	0.00683355	0.638561	-1.56602	7.38E-05	0.397599	-2.5151	0.741578	1.04327	1.04327	0.291555	0.869265	-1.1504	0.327588	0.878644	-1.13812	0.798633	1.03327	1.03327	7.67296	1.99167	0.230729	1
cg16523078	C1orf52;C1orf52	0.00488046	0.58256	1.12117	1.12117	0.000445605	0.319282	-3.13203	0.00222967	0.413761	-2.41686	0.466293	0.858343	-1.16504	0.919465	0.979378	-1.02106	0.599162	1.11547	1.11547	0.0258192	0.579657	-1.72516	0.0209923	0.564323	-1.77203	0.0129137	0.529454	-1.88874	7.39297	4.97068	0.597647	1
cg21245975	C1orf52;C1orf52	0.0419184	0.759481	1.05518	1.05518	0.0644372	1.43814	1.43814	0.00799884	1.8121	1.8121	0.116696	1.34733	1.34733	0.204331	1.264	1.264	0.898978	0.97803	-1.02246	0.0170293	0.601187	-1.66338	0.44592	1.14556	1.14556	0.33997	1.18769	1.18769	3.61993	1.75387	0.43067	1
cg02487061	C1orf52;C1orf52	0.0491711	0.297302	0.452504	-2.20993	0.193545	0.364353	-2.74459	0.288224	0.445237	-2.24599	0.563567	0.651478	-1.53497	0.00751063	0.0800556	-12.4913	0.0861254	0.248667	-4.02145	0.0062012	0.0728752	-13.7221	0.0727426	0.230122	-4.34552	0.0324288	0.159169	-6.28263	3.40971	29.0841	7.58204	1
cg03200818	C1orf53	0.000192819	0.107254	1.25947	1.25947	8.38E-05	2.531	2.531	0.000107413	2.45058	2.45058	0.115677	1.25156	1.25156	0.657836	0.943189	-1.06023	0.0147532	1.48254	1.48254	0.0935461	1.27381	1.27381	0.131142	1.23846	1.23846	1.43E-05	3.27235	3.27235	18.5542	5.05955	0.242392	1
cg03517147	C1orf53	0.00019788	0.0174187	0.351008	-2.84894	0.723726	0.879541	-1.13696	0.000647036	0.150715	-6.63505	0.649777	0.84762	-1.17977	0.000125366	0.0892523	-11.2042	0.172858	0.591788	-1.68979	7.13E-06	0.0276503	-36.1659	0.726234	1.13557	1.13557	0.42983	0.747182	-1.33836	18.4243	38.1646	1.84127	1
cg21817668	C1orf53	0.000330372	0.269725	1.38925	1.38925	0.000950485	0.244373	-4.09211	0.000348679	0.193041	-5.18023	0.148524	0.641927	-1.55781	0.00108274	0.251567	-3.97509	0.000521277	0.212773	-4.69984	5.08E-05	0.113982	-8.77328	0.613647	0.864479	-1.15677	0.58219	0.853039	-1.17228	16.0211	20.7623	1.15194	1
cg15832577	C1orf53	0.000452119	0.303624	0.713146	-1.40224	0.000304076	0.155318	-6.43839	0.00130293	0.226338	-4.41816	0.640507	1.16094	1.16094	0.878932	1.04955	1.04955	0.0205511	0.412581	-2.42377	2.76E-05	0.0727452	-13.7466	0.663492	1.14902	1.14902	0.0055334	0.314501	-3.17964	14.6946	23.431	1.41736	1
cg19730248	C1orf53	0.00180029	0.0163381	0.238976	-4.18451	0.109258	0.42678	-2.34313	0.00151568	0.107816	-9.27503	0.00322623	0.140945	-7.09498	0.109245	0.426763	-2.34322	0.000679988	0.0795224	-12.5751	0.000313774	0.0579404	-17.2591	0.0968218	0.411179	-2.43203	0.00337839	0.143192	-6.98362	9.94132	37.4317	3.34691	1
cg12578211	C1orf53	0.00441554	0.765547	0.876754	-1.14057	0.0038863	0.180851	-5.52941	0.15658	0.513522	-1.94734	0.0310611	0.328504	-3.04411	0.058045	0.389748	-2.56576	0.00590919	0.20518	-4.87376	0.00032557	0.0776821	-12.873	0.975642	0.986662	-1.01352	0.00542064	0.199977	-5.00057	7.62139	23.3487	2.72318	1
cg05643188	C1orf53	0.0073172	0.0629416	0.316093	-3.16362	0.00203451	0.0912035	-10.9645	0.0070182	0.146749	-6.81434	0.0105568	0.170173	-5.87637	0.427135	0.639952	-1.56262	0.0162866	0.198442	-5.03926	0.00139817	0.0782142	-12.7854	0.0638921	0.31772	-3.14743	0.0245405	0.228874	-4.36922	6.5242	31.3164	4.2667	1
cg23593528	C1orf53	0.0186915	0.1427	1.36842	1.36842	0.0472208	0.636341	-1.57148	0.115139	0.711038	-1.40639	0.207047	1.3033	1.3033	0.108091	1.41767	1.41767	0.394321	1.18969	1.18969	0.0227976	0.581323	-1.72021	0.0415706	0.626393	-1.59644	0.0220543	1.72738	1.72738	4.81361	3.02142	0.557941	1
cg17939001	C1orf53	0.0255168	0.00427566	1.6978	1.6978	0.170925	1.22375	1.22375	0.0576903	1.34614	1.34614	0.529109	1.09232	1.09232	0.0542059	0.738895	-1.35337	0.852537	1.02611	1.02611	0.568787	0.923334	-1.08303	0.0431303	1.38024	1.38024	0.126654	0.795468	-1.25712	4.3263	1.31425	0.270028	1
cg00036599	C1orf54	0.000273507	0.622914	1.08398	1.08398	0.00133341	0.46816	-2.13602	0.150023	0.777974	-1.28539	0.00273997	0.510346	-1.95945	1.54E-05	0.233221	-4.28777	0.00662755	0.56363	-1.77421	0.000256887	0.375647	-2.66207	0.504398	1.11652	1.11652	0.00887293	0.581665	-1.7192	16.8712	7.0728	0.372642	1
cg25469800	C1orf55	0.000899043	0.00638789	0.238069	-4.20047	0.000360376	0.0988675	-10.1146	0.00608309	0.234925	-4.25668	0.0092791	0.26315	-3.80012	0.000224556	0.0835285	-11.972	0.00972297	0.266427	-3.75337	0.00057587	0.115945	-8.62476	0.00960994	0.265604	-3.76501	0.00263185	0.185683	-5.38553	12.1264	31.4111	2.3025	1
cg13556548	C1orf55	0.00316621	0.193485	0.589047	-1.69766	0.0119494	3.34142	3.34142	0.537821	0.786665	-1.27119	0.00500418	4.17273	4.17273	0.00146562	0.170883	-5.85195	0.106115	1.97156	1.97156	0.0355226	0.390083	-2.56355	0.10428	0.505065	-1.97994	0.0533917	2.3257	2.3257	8.42204	19.7342	2.08281	1
cg00502077	C1orf55	0.00369221	0.00911538	0.413225	-2.41999	0.115378	0.633409	-1.57876	0.0410152	0.533089	-1.87586	0.0891262	0.606444	-1.64896	0.00506072	0.372039	-2.68789	0.0376866	0.52566	-1.90237	0.000285241	0.205831	-4.85836	0.00309916	0.339729	-2.94352	0.00449056	0.364001	-2.74725	8.04389	9.06648	1.00189	1
cg03081691	C1orf55	0.0124039	0.304829	0.559274	-1.78803	0.0143961	5.20513	5.20513	0.983734	0.988913	-1.01121	0.498843	1.45566	1.45566	0.00115207	0.0733755	-13.6285	0.986375	1.00938	1.00938	0.0657949	0.32336	-3.09253	0.0438987	0.281822	-3.54834	0.434878	1.54606	1.54606	5.51387	26.1167	4.21027	1
cg26788737	C1orf55	0.0126045	0.0273302	0.138598	-7.2151	0.00317768	0.0473804	-21.1058	0.0201168	0.119796	-8.34756	0.0341891	0.154062	-6.4909	0.00623702	0.067335	-14.8511	0.0684892	0.213617	-4.68128	0.00525332	0.0616718	-16.2149	0.0517178	0.18717	-5.34274	0.0237747	0.129729	-7.70839	5.48514	49.7627	8.06424	1
cg19709822	C1orf55	0.0203364	0.240595	1.10947	1.10947	0.193327	0.890126	-1.12344	0.011052	1.30929	1.30929	0.120064	1.15326	1.15326	0.0178189	0.78383	-1.27579	0.478175	0.94085	-1.06287	0.0352458	0.812727	-1.23043	0.630523	1.04183	1.04183	0.0672561	1.18935	1.18935	4.67795	0.529709	0.100654	1
cg04993082	C1orf55	0.0440545	0.0316377	0.417806	-2.39346	0.164176	0.598001	-1.67224	0.521773	0.798592	-1.2522	0.0935916	0.527955	-1.8941	0.0165827	0.362922	-2.75542	0.00467906	0.271884	-3.67804	0.0390271	0.437151	-2.28754	0.894602	1.04698	1.04698	0.176313	0.607783	-1.64533	3.55362	6.75247	1.68903	1
cg04117530	C1orf55	0.0446097	0.573057	0.723372	-1.38241	0.0140028	5.61542	5.61542	0.496401	1.481	1.481	0.330164	1.77082	1.77082	0.00914149	0.152157	-6.57215	0.210887	2.11627	2.11627	0.383067	0.601298	-1.66307	0.330004	0.564596	-1.77118	0.240456	2.01152	2.01152	3.53704	18.1159	4.55268	1
cg10851037	C1orf56	0.00148469	0.183422	1.10268	1.10268	0.0721806	0.87026	-1.14908	0.204448	1.09717	1.09717	0.930079	0.993941	-1.0061	0.0388526	1.18013	1.18013	0.000889866	0.708436	-1.41156	0.00650342	0.78277	-1.27751	0.00269729	1.33254	1.33254	0.00690401	1.27398	1.27398	10.5106	0.798252	0.0675089	1
cg06770554	C1orf56	0.0133905	0.142803	0.86136	-1.16096	0.389592	0.919854	-1.08713	0.0692421	1.2124	1.2124	0.555629	0.945083	-1.05811	0.143593	0.861651	-1.16056	0.118065	0.85146	-1.17445	0.0158702	0.755844	-1.32302	0.00318217	1.46476	1.46476	0.111997	1.17819	1.17819	5.37784	0.764701	0.126395	1
cg24881215	C1orf56	0.0220681	0.315762	0.863441	-1.15816	0.000543592	2.14021	2.14021	0.100851	1.28966	1.28966	0.609604	1.07563	1.07563	0.494763	1.10312	1.10312	0.973532	0.995315	-1.00471	0.0975067	1.29355	1.29355	0.568565	0.921664	-1.08499	0.499535	0.907533	-1.10189	4.54912	1.44371	0.282098	1
cg02571074	C1orf56	0.0413597	0.0454593	0.330204	-3.02843	0.0357747	0.307291	-3.25424	0.429803	0.677565	-1.47587	0.0649148	0.367459	-2.72139	0.0168605	0.244584	-4.08857	0.0470463	0.333619	-2.99743	0.00698337	0.185408	-5.39351	0.84889	0.911989	-1.09651	0.0468167	0.33313	-3.00183	3.63797	13.4405	3.284	1
cg16005989	C1orf56	0.0425587	0.518869	0.837817	-1.19358	0.0850161	1.67416	1.67416	0.346865	1.29966	1.29966	0.226176	0.709018	-1.4104	0.0353306	0.515219	-1.94092	0.344655	0.768449	-1.30132	0.00834426	0.401663	-2.48965	0.0443078	0.535217	-1.8684	0.572159	1.16702	1.16702	3.59963	4.17409	1.03075	1
cg11852073	C1orf56;BNIPL;BNIPL	0.00156623	0.332404	1.15021	1.15021	0.00426503	1.70773	1.70773	0.0203881	1.47877	1.47877	0.136886	1.2514	1.2514	0.00023378	0.42568	-2.34918	0.877988	0.978728	-1.02173	0.00257383	1.79485	1.79485	0.640068	1.06813	1.06813	0.499159	0.908449	-1.10078	10.3499	3.21085	0.275759	1
cg13072446	C1orf56;BNIPL;BNIPL	0.00256945	0.0384241	0.776475	-1.28787	0.00618066	1.45738	1.45738	0.69169	0.958831	-1.04294	0.57214	1.06206	1.06206	0.000181157	0.512661	-1.95061	0.217084	1.1468	1.1468	0.0506257	1.26481	1.26481	0.470582	0.925503	-1.08049	0.129174	0.841193	-1.18879	8.95944	1.57854	0.156611	1
cg23822289	C1orf56;BNIPL;BNIPL	0.0456754	0.10487	0.696403	-1.43595	0.773995	0.942915	-1.06054	0.43207	0.849001	-1.17786	0.17729	1.3401	1.3401	0.00542266	0.473745	-2.11084	0.291322	1.2505	1.2505	0.0278804	0.588301	-1.69981	0.756456	1.06557	1.06557	0.120296	0.708907	-1.41062	3.5059	2.3143	0.586771	1
cg01704332	C1orf56;C1orf56	0.00803245	0.0956154	0.856809	-1.16712	0.115674	1.15531	1.15531	0.0164906	1.2806	1.2806	0.00967172	0.758517	-1.31836	0.0389382	1.2236	1.2236	0.0174806	1.2766	1.2766	0.988331	0.998766	-1.00124	0.803369	0.979159	-1.02128	0.00713801	1.34087	1.34087	6.33607	0.715165	0.100331	1
cg17889618	C1orf57	0.000413849	0.208264	0.647803	-1.54368	0.622781	0.850219	-1.17617	0.0192473	0.395867	-2.5261	0.00286518	0.261157	-3.82911	5.19E-05	0.0839496	-11.9119	0.00177736	0.233149	-4.28911	5.75E-05	0.0869883	-11.4958	0.128563	0.584163	-1.71185	0.00329798	0.269809	-3.70632	15.0582	25.5419	1.50775	1
cg19507727	C1orf57	0.00210815	0.0037717	1.43011	1.43011	0.0139875	1.32017	1.32017	0.334089	0.912859	-1.09546	0.592887	0.951809	-1.05063	0.0010746	0.642709	-1.55591	0.464575	0.934148	-1.07049	0.00404114	0.702324	-1.42384	0.0141114	0.757873	-1.31948	0.423957	1.0776	1.0776	9.49491	1.25951	0.117912	1
cg26105649	C1orf57	0.0117419	0.00786623	0.202529	-4.93758	0.147027	0.482505	-2.07252	0.15785	0.493046	-2.02821	0.572389	0.765564	-1.30623	0.0327508	0.310422	-3.22143	0.0334905	0.312451	-3.2005	0.000898649	0.097551	-10.2511	0.0165903	0.254061	-3.93606	0.0115097	0.227608	-4.39352	5.61292	19.4947	3.08727	1
cg20786495	C1orf57	0.0130859	0.647666	0.921567	-1.08511	0.0032254	0.489983	-2.04089	0.00178871	0.454308	-2.20115	0.00938664	0.557296	-1.79438	0.0969633	0.723688	-1.38181	0.986448	0.996989	-1.00302	0.271237	1.22547	1.22547	0.333875	0.837839	-1.19355	0.505756	0.887043	-1.12734	5.41848	2.70421	0.44362	1
cg00046105	C1orf57	0.0340534	0.0308376	0.681876	-1.46654	0.00525664	0.573611	-1.74334	0.370787	0.870415	-1.14888	0.0914211	0.75525	-1.32407	0.0134257	0.629835	-1.58772	0.920792	0.985092	-1.01513	0.120771	1.2893	1.2893	0.693163	0.941872	-1.06172	0.63029	0.929381	-1.07599	3.90563	1.41063	0.321047	1
cg02511172	C1orf57	0.0394464	0.0972206	1.44709	1.44709	0.580944	0.89297	-1.11986	0.440913	0.852514	-1.173	0.00713518	0.493853	-2.02489	0.0116406	0.527158	-1.89696	0.453591	1.16767	1.16767	0.312805	1.23612	1.23612	0.19432	0.756699	-1.32153	0.392444	0.83704	-1.19469	3.70207	2.41709	0.580357	1
cg22428125	C1orf57	0.0422832	0.183848	0.750121	-1.33312	0.28582	1.25365	1.25365	0.90766	0.976615	-1.02394	0.274523	0.793059	-1.26094	0.614503	0.901617	-1.10912	0.00424805	0.45825	-2.18222	0.0110538	0.522095	-1.91536	0.362013	0.826074	-1.21054	0.264747	1.26749	1.26749	3.60832	2.37661	0.585465	1
cg19413958	C1orf58	0.035911	0.20009	0.619429	-1.61439	0.075794	0.49693	-2.01236	0.586574	0.82341	-1.21446	0.178564	0.603067	-1.65819	0.000734849	0.162801	-6.14247	0.517813	0.792937	-1.26113	0.252077	0.65484	-1.52709	0.534703	0.800527	-1.24918	0.0431786	0.439061	-2.27759	3.83128	7.59779	1.76275	1
cg23680821	C1orf59;C1orf59	0.00843828	0.976086	1.01612	1.01612	0.161838	2.21883	2.21883	0.0672278	0.334776	-2.98707	0.355745	1.66001	1.66001	0.000848033	0.0688358	-14.5273	0.0839799	0.360535	-2.77366	0.016324	0.208761	-4.79016	0.0341661	0.267474	-3.73868	0.140733	2.32886	2.32886	6.23837	28.1244	4.00738	1
cg16041286	C1orf59;C1orf59	0.00930887	0.317128	1.18514	1.18514	0.00337412	0.51951	-1.92489	0.0240317	0.642679	-1.55599	0.870858	1.02708	1.02708	0.261709	1.21196	1.21196	0.00651611	1.7873	1.7873	0.0278931	1.5323	1.5323	0.24059	1.2236	1.2236	0.783559	0.955782	-1.04626	6.04719	2.58384	0.379804	1
cg00328227	C1orf59;C1orf59	0.0165416	0.661308	1.26175	1.26175	0.112651	2.48617	2.48617	0.0220069	0.23487	-4.25767	0.846737	0.902984	-1.10744	0.00298929	0.116747	-8.56556	0.285337	0.556977	-1.79541	0.0239556	0.241574	-4.13951	0.0125183	0.194322	-5.1461	0.816171	1.13067	1.13067	5.01506	22.0909	3.91548	1
cg21689075	C1orf59;C1orf59	0.026585	0.00108733	0.307725	-3.24965	0.963189	0.988782	-1.01135	0.119067	0.661309	-1.51215	0.557278	0.86494	-1.15615	0.516791	0.851563	-1.17431	0.00807704	0.436355	-2.29171	0.409873	1.22878	1.22878	0.618392	0.884476	-1.13061	0.427104	0.820194	-1.21922	4.26476	4.0362	0.841251	1
cg24737783	C1orf59;C1orf59	0.046356	0.506019	1.50536	1.50536	0.208416	2.23422	2.23422	0.13069	0.371821	-2.68947	0.456807	1.58306	1.58306	0.0192507	0.179718	-5.56426	0.328732	0.542785	-1.84235	0.0208238	0.185208	-5.39933	0.0970219	0.331516	-3.01644	0.124668	2.73917	2.73917	3.48647	20.2892	5.1728	1
cg24511685	C1orf59;C1orf59	0.0469041	0.195367	1.55205	1.55205	0.10303	0.564137	-1.77262	0.0406804	0.468359	-2.13512	0.645065	1.16053	1.16053	0.824586	1.07385	1.07385	0.00991049	2.84554	2.84554	0.464268	1.27008	1.27008	0.180885	0.633815	-1.57775	0.150061	0.609413	-1.64092	3.47108	5.66378	1.4504	1
cg08460435	C1orf59;C1orf59;C1orf59	0.00364634	0.764006	0.898745	-1.11266	0.0226963	2.6303	2.6303	0.332864	0.701751	-1.42501	0.00011259	11.0863	11.0863	0.0493094	0.451344	-2.2156	0.335197	0.703023	-1.42243	0.408176	0.740849	-1.3498	0.493771	1.27941	1.27941	0.209225	1.59885	1.59885	8.07412	16.0756	1.76978	1
cg25386802	C1orf63	4.45E-05	0.643037	1.06233	1.06233	0.198943	0.838741	-1.19226	0.00909295	0.650905	-1.53632	0.282266	1.15576	1.15576	0.251026	0.856093	-1.1681	0.668693	0.945754	-1.05736	6.48E-07	0.171866	-5.8185	0.00504104	1.61691	1.61691	0.0918007	1.27186	1.27186	27.4497	7.29663	0.236283	1
cg26531737	C1orf63	0.00285282	0.0169087	0.719283	-1.39027	0.0361079	0.759104	-1.31734	0.000696829	1.79487	1.79487	0.0361088	0.759106	-1.31734	0.388642	0.904918	-1.10507	0.749871	1.03683	1.03683	0.00486325	0.655602	-1.52532	0.0165814	0.718271	-1.39223	0.561764	1.06859	1.06859	8.68677	1.75931	0.180025	1
cg00975854	C1orf63	0.00365887	0.486073	1.27673	1.27673	0.682797	1.15211	1.15211	0.094304	1.90169	1.90169	0.0150235	0.345101	-2.8977	0.000204044	0.0963857	-10.375	?	?	?	0.198475	0.623794	-1.60309	0.157325	1.69239	1.69239	0.234316	1.54096	1.54096	9.63143	15.7378	1.42975	1
cg00037072	C1orf63;C1orf63	0.00128147	?	?	?	0.256017	1.42993	1.42993	0.831153	0.937626	-1.06652	0.701611	0.890372	-1.12313	0.000174883	0.146532	-6.82444	0.000555146	0.198681	-5.0332	0.0333286	0.472282	-2.11738	0.057197	1.91353	1.91353	0.380566	1.31165	1.31165	11.2209	14.3711	1.28074	1
cg16510654	C1orf64	0.010604	0.0111096	0.307383	-3.25327	0.0892066	0.499337	-2.00265	0.0049159	0.251404	-3.97767	0.0164227	0.337377	-2.96404	0.00343914	0.229383	-4.35951	0.0766625	0.482084	-2.07433	0.00846364	0.287767	-3.47503	0.00651608	0.269814	-3.70626	0.148457	0.563093	-1.77591	5.80054	12.6132	1.93288	1
cg24525573	C1orf64;C1orf64	0.041275	0.40447	0.808168	-1.23737	0.249771	1.35029	1.35029	0.463541	0.83003	-1.20478	0.020125	0.496601	-2.01369	0.0019453	0.334779	-2.98705	0.605271	0.87794	-1.13903	0.364518	0.792427	-1.26195	0.0852715	0.621864	-1.60807	0.295851	0.762879	-1.31082	3.64073	3.5947	0.877651	1
cg13963793	C1orf65	0.0408502	0.24126	0.406881	-2.45772	0.0063567	0.0739862	-13.516	0.443865	0.564259	-1.77223	0.718938	0.767269	-1.30332	0.0248127	0.14108	-7.08816	0.0181983	0.122241	-8.18053	0.105118	0.273052	-3.66231	0.0109517	0.0962692	-10.3875	0.207261	0.377228	-2.65092	3.65467	31.1039	7.56509	1
cg04340510	C1orf66;C1orf66	0.0179206	0.0523524	0.350193	-2.85557	0.0862499	0.406034	-2.46285	0.0211382	0.26757	-3.73733	0.320551	0.613811	-1.62917	0.00301945	0.144681	-6.91177	0.0210275	0.267149	-3.74323	0.00430955	0.162851	-6.14058	0.237112	0.554885	-1.80217	0.0187973	0.258296	-3.87153	4.88238	17.4858	3.18348	1
cg27547283	C1orf66;C1orf66;ISG20L2;C1orf66;C1orf66	1.66E-05	0.2193	0.729927	-1.37	0.245253	1.34439	1.34439	0.563815	0.868194	-1.15182	3.18E-07	0.0129223	-77.3853	1.76E-05	0.0904522	-11.0556	0.00844221	0.429083	-2.33055	0.0550122	0.584718	-1.71022	0.737037	0.921697	-1.08495	0.0462413	0.56883	-1.75799	49.4042	44.7906	0.705145	1
cg23881601	C1orf66;C1orf66;ISG20L2;C1orf66;C1orf66	0.0255787	0.0775855	0.779879	-1.28225	0.597237	1.06992	1.06992	0.640715	0.942169	-1.06138	0.055297	0.759312	-1.31698	0.0085206	0.653453	-1.53033	0.0485916	0.751626	-1.33045	0.330049	1.13586	1.13586	0.153807	1.21352	1.21352	0.0430111	1.34328	1.34328	4.32265	1.09966	0.226129	1
cg00533084	C1orf66;ISG20L2;C1orf66	0.033768	0.0888043	1.18388	1.18388	0.12883	1.15904	1.15904	0.015474	1.30618	1.30618	0.868343	0.985192	-1.01503	0.508105	1.06223	1.06223	0.0731241	0.835498	-1.19689	0.964632	1.004	1.004	0.400956	0.925603	-1.08038	0.00597831	1.38145	1.38145	3.91749	0.501721	0.113842	1
cg16728114	C1orf66;ISG20L2;C1orf66	0.0416119	0.0828919	0.706645	-1.41514	0.0370443	1.54935	1.54935	0.378637	1.17743	1.17743	0.0886444	1.40441	1.40441	0.223208	0.793405	-1.26039	0.19815	0.781978	-1.27881	0.0109325	0.561265	-1.78169	0.671263	1.08025	1.08025	0.633327	0.916765	-1.09079	3.62979	1.87965	0.460303	1
cg26420391	C1orf68	1.35E-07	4.23E-07	0.105543	-9.47479	1.81E-07	0.0814298	-12.2805	0.0648722	0.722892	-1.38333	2.19E-05	0.263312	-3.79778	5.22E-05	0.306126	-3.26663	1.53E-08	0.0321833	-31.072	0.0998152	1.32615	1.32615	1.78E-07	0.0809665	-12.3508	2.48E-05	0.269214	-3.71451	122.065	47.3589	0.344872	1
cg13927088	C1orf68	1.23E-05	1.72E-05	0.108432	-9.22236	2.16E-06	0.0534423	-18.7118	0.203532	0.713023	-1.40248	0.0187396	0.487779	-2.05011	0.0644045	1.68816	1.68816	2.81E-05	0.125328	-7.97905	0.00176647	0.325477	-3.07241	8.48E-06	0.0868942	-11.5082	0.00198749	0.332685	-3.00584	38.4731	38.7012	0.894158	1
cg03122282	C1orf68	0.0246815	0.0191345	0.313568	-3.1891	0.323235	0.658798	-1.51792	0.0242741	0.333404	-2.99936	0.0404541	0.379832	-2.63274	0.011082	0.27175	-3.67985	0.0279963	0.34582	-2.89168	0.0197444	0.316124	-3.16331	0.0300776	0.352216	-2.83916	0.0112995	0.273156	-3.66091	4.37669	11.5972	2.35534	1
cg19238422	C1orf69	1.86E-07	?	?	?	7.96E-08	0.0605414	-16.5176	9.14E-07	0.783372	-1.27653	1.03E-06	0.805048	-1.24216	1.35E-07	0.191371	-5.22546	1.79E-07	0.287798	-3.47466	?	?	?	?	?	?	?	?	?	1.67E+13	14.2121	1.71E-13	1
cg24854606	C1orf69	0.00118051	0.0289739	0.686455	-1.45676	0.233345	1.20033	1.20033	0.841712	0.971204	-1.02965	0.0922556	1.31101	1.31101	8.20E-05	0.354442	-2.82134	0.0261226	0.679984	-1.47062	0.00176928	0.521698	-1.91682	0.0300453	0.688734	-1.45194	0.151834	1.25152	1.25152	11.2241	3.79595	0.300619	1
cg20706638	C1orf69	0.00730413	0.45471	1.25088	1.25088	0.308958	1.36279	1.36279	0.0560261	1.88939	1.88939	0.52282	1.20971	1.20971	0.478766	0.809225	-1.23575	0.000543947	0.205979	-4.85487	?	?	?	0.328605	1.34502	1.34502	0.016759	0.423915	-2.35896	6.66297	8.10586	1.21655	1
cg12298872	C1orf69	0.0245798	0.838824	0.949441	-1.05325	0.743735	1.08716	1.08716	0.515752	0.845459	-1.18279	0.455261	0.823873	-1.21378	0.602669	1.14316	1.14316	0.352609	1.27592	1.27592	0.837445	1.05373	1.05373	0.204847	0.711202	-1.40607	0.000406935	0.239038	-4.18343	4.38297	4.50484	0.913603	1
cg05775451	C1orf69	0.0285605	0.174649	0.836185	-1.19591	0.00411936	0.620775	-1.61089	0.00817824	0.657474	-1.52097	0.154553	0.827937	-1.20782	0.06364	0.772303	-1.29483	0.48143	0.915148	-1.09272	0.139244	1.21797	1.21797	0.992348	1.00119	1.00119	0.0984999	0.798905	-1.25171	4.15861	1.01127	0.216156	1
cg01200585	C1orf69	0.0355135	0.280621	1.81655	1.81655	0.110108	2.52673	2.52673	0.0057774	6.85496	6.85496	0.391853	1.59512	1.59512	0.0339798	0.267816	-3.73391	0.0637009	3.0331	3.0331	0.179375	2.13643	2.13643	0.417795	0.643568	-1.55384	0.472053	0.677491	-1.47603	3.84678	17.2613	3.98862	1
cg12983196	C1orf70	0.000621341	0.363092	1.14019	1.14019	0.00147884	1.90358	1.90358	0.553467	0.919309	-1.08777	0.00083735	2.02461	2.02461	0.000932815	0.499859	-2.00056	0.00263389	1.79366	1.79366	0.00135645	1.9211	1.9211	0.0808865	1.31215	1.31215	0.0330636	1.41876	1.41876	13.452	4.19687	0.277323	1
cg15487867	C1orf70	0.00309724	0.881547	0.971354	-1.02949	0.814207	0.955149	-1.04696	0.613657	1.10432	1.10432	0.485183	1.14827	1.14827	0.000478387	0.343531	-2.91095	0.0434507	0.635933	-1.57249	0.0922767	0.696846	-1.43504	0.00820404	1.93339	1.93339	0.00527596	2.04815	2.04815	8.47741	5.10144	0.534905	1
cg23244095	C1orf70	0.00705748	0.269116	1.41286	1.41286	0.00697135	2.85235	2.85235	0.00383699	3.22297	3.22297	0.0183949	2.36069	2.36069	0.933806	0.975362	-1.02526	0.80025	0.926688	-1.07911	0.00694632	0.350336	-2.85441	0.275329	0.711195	-1.40608	0.0845019	1.77365	1.77365	6.59827	9.42409	1.26957	1
cg07835437	C1orf70	0.00847376	0.00822173	0.334732	-2.98747	0.0657144	1.95142	1.95142	0.92031	0.968125	-1.03292	0.889065	0.955825	-1.04622	0.00384646	0.283366	-3.52901	0.0027476	0.262425	-3.81061	0.0193363	0.400232	-2.49855	0.820807	1.07621	1.07621	0.30578	0.709446	-1.40955	6.2301	10.3403	1.47532	1
cg01536190	C1orf70	0.0169047	0.361686	1.13307	1.13307	0.0152407	1.48747	1.48747	0.788294	1.03651	1.03651	0.261475	0.855532	-1.16886	0.00518622	0.611628	-1.63498	0.0272772	1.41633	1.41633	0.0269269	1.41786	1.41786	0.276092	1.16295	1.16295	0.744445	1.04455	1.04455	4.97883	1.39998	0.249943	1
cg16306898	C1orf70	0.0215107	0.602236	0.768394	-1.30142	0.29758	1.72163	1.72163	0.0581321	2.98097	2.98097	0.846551	1.10181	1.10181	0.706061	0.827201	-1.2089	0.460425	0.685888	-1.45796	0.00210567	0.101377	-9.86417	0.00793503	0.169786	-5.88978	0.556122	0.742016	-1.34768	5.102	19.8023	3.01877	1
cg22497741	C1orf70	0.024948	0.0213897	0.505116	-1.97974	0.0100299	2.23185	2.23185	0.00511484	2.49358	2.49358	0.400561	1.23682	1.23682	0.812664	0.943044	-1.0604	0.878496	1.03851	1.03851	0.304349	0.76893	-1.30051	0.883407	0.964402	-1.03691	0.868406	0.959868	-1.04181	4.36039	4.21352	0.858948	1
cg16037137	C1orf70	0.0292527	0.51879	1.26897	1.26897	0.00431485	4.01325	4.01325	0.740704	1.12856	1.12856	0.317199	1.45724	1.45724	0.744175	1.12665	1.12665	0.565609	1.23554	1.23554	0.00388929	0.242733	-4.11975	0.909931	1.04207	1.04207	0.564058	1.2366	1.2366	4.12355	8.66135	1.86707	1
cg06205922	C1orf70	0.0393745	0.981906	1.01234	1.01234	0.011574	5.51114	5.51114	0.640043	1.28997	1.28997	0.0854538	2.79496	2.79496	0.020268	0.220214	-4.54103	0.442313	1.52732	1.52732	0.159567	0.443725	-2.25365	0.0557672	3.22735	3.22735	0.916299	1.05848	1.05848	3.70456	17.1478	4.11451	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11526073	C1orf70	0.0448671	0.64615	0.830332	-1.20434	0.0487266	0.404388	-2.47287	0.0941862	0.477076	-2.0961	0.559603	1.26781	1.26781	0.0126347	0.287371	-3.47982
cg16601494	C1orf70;C1orf70	0.0343061	0.552874	1.06959	1.06959	0.354142	0.898683	-1.11274	0.282321	0.882326	-1.13337	0.301244	1.12753	1.12753	0.0486931	1.28698	1.28698
cg08541772	C1orf74	0.0278146	0.718496	1.09025	1.09025	0.00640704	2.33184	2.33184	0.0399366	1.7627	1.7627	0.710858	0.91495	-1.09296	0.00747806	0.439545	-2.27508
cg06375148	C1orf74	0.0490616	0.0176459	0.159519	-6.26886	0.142054	0.366514	-2.72841	0.428604	0.598178	-1.67174	0.145744	0.370398	-2.6998	0.00817244	0.116217	-8.60457
cg26148377	C1orf77;S100A13	0.000254137	0.00337661	0.511885	-1.95356	0.00340703	1.9515	1.9515	0.743586	1.05669	1.05669	0.777518	0.953529	-1.04874	1.77E-05	0.229002	-4.36677
cg22176994	C1orf77;S100A13	0.00641374	0.0774854	0.683564	-1.46292	0.0785666	1.4604	1.4604	?	?	?	0.0633158	0.666575	-1.50021	0.00905619	0.518157	-1.92992
cg13467169	C1orf77;S100A13	0.0105698	0.0495213	0.437579	-2.2853	0.0601994	2.18213	2.18213	0.0441913	0.425911	-2.34791	?	?	?	0.823064	1.08428	1.08428
cg17138369	C1orf77;S100A13	0.0117387	0.00101538	0.513643	-1.94688	0.185128	1.21177	1.21177	0.139974	0.804891	-1.2424	0.224829	0.840081	-1.19036	0.651664	0.939774	-1.06409
cg26548293	C1orf77;S100A13	0.0146161	0.279006	0.578588	-1.72835	0.174394	2.01849	2.01849	0.0151548	0.234466	-4.26501	0.878578	1.07715	1.07715	0.00317679	0.141022	-7.0911
cg06819431	C1orf77;S100A13	0.0158747	0.0660554	0.341023	-2.93236	0.00364595	0.128502	-7.78198	0.00435189	0.137007	-7.29888	0.300323	0.571228	-1.75061	0.0234747	0.243652	-4.10421
cg26359488	C1orf77;S100A13	0.0183665	0.114055	0.464663	-2.1521	0.922657	1.04425	1.04425	0.00805019	0.220131	-4.54274	0.407604	1.45889	1.45889	0.00402036	0.178519	-5.60165
cg02072376	C1orf77;S100A13;C1orf77	0.00615966	?	?	?	0.000500249	20.9443	20.9443	0.00944356	3.98144	3.98144	0.210288	1.55278	1.55278	0.113948	0.551425	-1.81348
cg17270598	C1orf83	0.0246228	0.0846927	1.33589	1.33589	0.427532	1.13092	1.13092	0.0201565	0.653362	-1.53055	0.227896	1.21195	1.21195	0.00224736	0.522247	-1.9148
cg20168837	C1orf83	0.0429009	0.689721	1.19125	1.19125	0.457963	1.3904	1.3904	0.00618281	0.210739	-4.7452	0.996781	0.998242	-1.00176	0.00719211	0.22025	-4.5403
cg04121115	C1orf83;TMEM59	0.000169663	0.000185898	0.757808	-1.3196	0.4475	1.03461	1.03461	5.31E-05	1.39319	1.39319	0.0136638	1.14343	1.14343	0.206955	1.06023	1.06023
cg01182697	C1orf83;TMEM59	0.000752403	0.000127184	0.100741	-9.92649	0.0416127	0.44546	-2.24487	0.0107995	0.332117	-3.01099	0.0668724	0.49303	-2.02827	0.00464909	0.273662	-3.65414
cg20793071	C1orf83;TMEM59	0.00370127	0.00179901	0.0529815	-18.8745	0.00572494	0.0910085	-10.988	0.0227865	0.164806	-6.06775	0.0686438	0.25965	-3.85133	0.00505312	0.0860444	-11.6219
cg19088859	C1orf83;TMEM59	0.00411001	0.0187428	1.86544	1.86544	0.124951	1.41617	1.41617	0.0265405	1.76921	1.76921	?	?	?	0.000723128	0.290273	-3.44504
cg08526412	C1orf83;TMEM59	0.0147777	0.00523121	0.0357483	-27.9734	0.00667397	0.0414771	-24.1097	0.0411592	0.118787	-8.41846	0.212564	0.305056	-3.27808	0.0426402	0.121169	-8.25293
cg09270685	C1orf83;TMEM59	0.018434	0.249072	0.621037	-1.61021	0.251702	1.60559	1.60559	0.0014419	6.17874	6.17874	0.519765	0.772582	-1.29436	0.441424	1.36396	1.36396
cg04863508	C1orf83;TMEM59	0.0400306	0.0767579	0.708825	-1.41079	0.00912051	1.78451	1.78451	0.0897196	1.38689	1.38689	0.467339	0.878705	-1.13804	0.266882	0.816897	-1.22415
cg21917351	C1orf84	0.0233077	0.683322	1.12494	1.12494	0.571019	0.848454	-1.17861	0.0549368	0.53539	-1.8678	0.120612	1.62128	1.62128	0.000827972	0.235715	-4.24241
cg14084857	C1orf84;C1orf84;MED8;MED8	0.00868163	0.000309881	0.528371	-1.89261	0.0333585	1.31134	1.31134	0.132572	1.19352	1.19352	0.219776	0.868791	-1.15102	0.253101	1.13895	1.13895
cg17864206	C1orf84;MED8;MED8	0.0013162	0.483307	0.925347	-1.08068	0.00783301	0.689582	-1.45015	0.146314	0.843815	-1.18509	0.00357684	0.650674	-1.53687	0.0395022	0.771554	-1.29609
cg06188908	C1orf84;MED8;MED8	0.0293658	0.525531	0.856242	-1.16789	0.109627	1.52319	1.52319	0.463489	1.19725	1.19725	0.162882	1.43243	1.43243	0.82511	0.948006	-1.05485
cg27228868	C1orf85	0.0105671	0.150305	0.665936	-1.50165	0.489891	0.831155	-1.20314	0.10361	0.625427	-1.59891	0.800492	1.06905	1.06905	0.000140756	0.176834	-5.65501
cg20963814	C1orf85	0.030868	0.695499	0.802732	-1.24575	0.00420715	9.43317	9.43317	0.0253771	4.594	4.594	0.436224	0.640998	-1.56007	0.201286	0.467822	-2.13756
cg16039979	C1orf86	0.00199815	0.000765662	0.478534	-2.08971	0.853918	0.9737	-1.02701	0.0154191	0.650612	-1.53701	0.00267912	0.548715	-1.82244	0.0563508	0.731649	-1.36678
cg26411452	C1orf86	0.00525361	0.40409	0.807915	-1.23775	0.00117142	0.304168	-3.28766	0.0225414	0.505331	-1.9789	0.600897	1.14096	1.14096	0.000300127	0.230108	-4.34578
cg02804999	C1orf86	0.0144059	0.00369445	0.410376	-2.43679	0.741907	0.927721	-1.07791	0.37903	1.22737	1.22737	0.92709	1.02099	1.02099	0.0017229	0.362296	-2.76017
cg16559025	C1orf86	0.0161787	0.135088	1.38471	1.38471	0.731069	1.0722	1.0722	0.0620596	1.52881	1.52881	0.614934	0.902589	-1.10792	0.164241	1.3497	1.3497
cg05937445	C1orf86	0.0196692	0.0117164	0.438319	-2.28144	0.744419	0.91789	-1.08946	0.0348609	0.525141	-1.90425	0.0313975	0.51625	-1.93705	0.00982496	0.425367	-2.35091
cg05940463	C1orf86;C1orf86	0.018689	0.00223108	0.476696	-2.09777	0.0298425	1.55613	1.55613	0.39416	1.16299	1.16299	0.173467	1.28473	1.28473	0.663761	0.92712	-1.07861
cg19641395	C1orf86;C1orf86	0.0225592	0.129493	0.819818	-1.21978	0.0024335	0.59942	-1.66828	0.0768679	0.787707	-1.26951	0.508478	0.921864	-1.08476	0.155331	0.831584	-1.20253
cg10314133	C1orf86;LOC100128003;C1orf86	0.00222787	0.000167285	0.14682	-6.81107	0.0259383	0.453177	-2.20665	0.481379	1.23893	1.23893	0.265223	1.41566	1.41566	0.0189178	0.426996	-2.34194
cg19915466	C1orf86;LOC100128003;C1orf86	0.00232307	0.104795	1.18192	1.18192	0.511152	0.939101	-1.06485	0.0194873	0.766263	-1.30503	0.265051	1.11573	1.11573	0.0553821	1.22721	1.22721
cg16718276	C1orf86;LOC100128003;C1orf86	0.00709272	0.00125167	0.152656	-6.55067	0.0106045	0.277561	-3.60282	0.171899	1.78597	1.78597	0.92284	1.03939	1.03939	0.0857687	0.468937	-2.13248
cg01927825	C1orf86;LOC100128003;C1orf86	0.00906018	0.343608	1.25306	1.25306	0.00187693	2.77181	2.77181	0.0141049	2.01484	2.01484	0.201891	1.3656	1.3656	0.0808496	0.639137	-1.56461
cg11503104	C1orf86;LOC100128003;C1orf86	0.0203303	0.00491664	0.297015	-3.36683	0.106185	0.562791	-1.77686	0.156308	1.63897	1.63897	0.140223	1.67698	1.67698	0.0668754	0.512067	-1.95287
cg04118472	C1orf86;LOC100128003;C1orf86	0.0427178	0.00851221	0.2916	-3.42935	0.731363	0.881192	-1.13483	0.414503	1.35817	1.35817	0.0248207	0.375148	-2.66561	0.0575058	0.454565	-2.19991
cg07697177	C1orf86;LOC100128003;C1orf86	0.049307	0.0063813	0.241255	-4.14499	0.332946	0.670261	-1.49196	0.373398	1.44202	1.44202	0.706057	1.16391	1.16391	0.130891	0.520262	-1.92211
cg20935542	C1orf87	0.0065891	0.205745	0.742551	-1.34671	0.0323067	0.57181	-1.74883	0.00153323	0.36178	-2.76411	0.247718	0.763772	-1.30929	0.0030528	0.404617	-2.47148
cg13322175	C1orf87	0.0100449	0.0299556	0.314288	-3.1818	0.434624	0.696757	-1.43522	0.168972	0.514665	-1.94301	0.12995	0.476448	-2.09886	0.000268651	0.0665646	-15.023
cg09176275	C1orf87	0.028949	0.0386616	7.05727	7.05727	0.267336	2.56736	2.56736	0.0528767	6.02175	6.02175	0.089187	4.61546	4.61546	0.0219877	9.4113	9.4113
cg15628917	C1orf87	0.0303451	0.0495342	8.77812	8.77812	0.0331546	11.1806	11.1806	0.208614	3.61453	3.61453	0.176388	4.02802	4.02802	0.0289278	12.1419	12.1419
cg17238766	C1orf87	0.0411637	0.105198	2.58091	2.58091	0.101381	2.61341	2.61341	0.297325	1.78366	1.78366	0.167825	2.19746	2.19746	0.0468927	3.38173	3.38173
cg24740868	C1orf87;C1orf87	0.0266482	0.047877	6.72533	6.72533	0.0517471	6.45732	6.45732	0.174088	3.38139	3.38139	0.134123	3.90065	3.90065	0.0176916	11.3683	11.3683
cg00914726	C1orf87;C1orf87	0.0477116	0.0766815	5.75457	5.75457	0.052373	7.10568	7.10568	0.159748	3.80073	3.80073	0.231486	3.05093	3.05093	0.0423843	7.98594	7.98594
cg16244690	C1orf88	0.00338364	0.479757	1.1501	1.1501	0.0336467	1.62094	1.62094	0.697069	0.926676	-1.07913	0.848236	0.963392	-1.038	0.00041002	0.335432	-2.98123
cg05390402	C1orf88	0.00470616	0.651565	1.0956	1.0956	0.0983396	1.43923	1.43923	0.355225	1.21047	1.21047	0.762174	0.940862	-1.06286	0.364848	0.829437	-1.20564
cg20787122	C1orf88	0.00524708	7.61E-05	0.0759498	-13.1666	0.732177	1.13139	1.13139	0.759435	0.895501	-1.11669	0.12531	0.550916	-1.81516	0.0259861	0.386891	-2.58471
cg11688768	C1orf88	0.0200529	0.00135519	0.284439	-3.51569	0.607994	1.15005	1.15005	0.122207	1.57248	1.57248	0.473009	0.821004	-1.21802	0.734205	0.912019	-1.09647
cg02580006	C1orf89	1.22E-05	0.0656245	0.78728	-1.2702	5.36E-06	0.30335	-3.29652	0.636744	1.05661	1.05661	0.939286	0.99122	-1.00886	3.56E-07	0.182672	-5.47428
cg03516026	C1orf89	0.000474084	0.000151662	0.469057	-2.13194	0.969898	0.995615	-1.0044	2.67E-05	0.38045	-2.62846	0.366217	0.897527	-1.11417	0.0366692	0.753723	-1.32675
cg14163966	C1orf89	0.0267202	0.0585763	1.43506	1.43506	0.146194	0.768208	-1.30173	0.412667	0.86798	-1.1521	0.197498	0.794307	-1.25896	0.865412	0.971731	-1.02909
cg09354439	C1orf89	0.0298235	?	?	?	0.0406135	2.25273	2.25273	?	?	?	0.0084932	3.46628	3.46628	0.107041	0.559507	-1.78729
cg15726025	C1orf91	0.00116148	0.401234	0.806847	-1.23939	0.852984	0.954718	-1.04743	0.0185285	0.490001	-2.04081	0.0587789	0.586717	-1.7044	3.52E-05	0.13597	-7.35455
cg10107956	C1orf91	0.00342698	0.526281	1.08575	1.08575	0.735854	1.04434	1.04434	0.24148	0.854627	-1.1701	0.00912492	1.52862	1.52862	0.000164148	0.438952	-2.27815
cg07361759	C1orf91;EIF3I	0.0439592	0.842177	1.04694	1.04694	0.128804	1.45898	1.45898	0.0753106	1.57728	1.57728	0.675104	1.10187	1.10187	0.246612	1.32156	1.32156
cg27317004	C1orf92	2.28E-05	0.0380276	0.584958	-1.70953	0.00760856	2.1494	2.1494	3.17E-07	27.7526	27.7526	0.390803	1.21658	1.21658	0.00266951	2.52426	2.52426
cg22402053	C1orf92	8.03E-05	0.142114	0.76881	-1.30071	0.00136491	2.16878	2.16878	1.86E-06	7.2033	7.2033	0.25019	0.818583	-1.22162	0.000652871	2.38807	2.38807
cg12126706	C1orf92	0.00173404	0.142172	1.29798	1.29798	0.307435	0.839771	-1.1908	0.148019	1.2924	1.2924	0.0447672	0.683335	-1.46341	0.0452053	0.684018	-1.46195
cg09858604	C1orf92	0.00222015	0.956162	0.984631	-1.01561	0.0163478	2.28653	2.28653	0.105056	1.64714	1.64714	4.22E-05	8.98255	8.98255	0.333158	1.32481	1.32481
cg16596889	C1orf92	0.00292778	0.00500545	0.23595	-4.23819	0.0078331	0.265255	-3.76995	0.121138	0.520204	-1.92232	0.131505	0.530943	-1.88344	0.0043716	0.227581	-4.39404
cg16268769	C1orf92	0.00535919	0.325158	1.2774	1.2774	0.00162579	2.96865	2.96865	0.387575	1.23788	1.23788	0.00118613	3.14434	3.14434	0.0211638	0.512796	-1.95009
cg11707445	C1orf92	0.00584563	0.0589224	2.61213	2.61213	0.00983254	4.34433	4.34433	0.0462506	2.79508	2.79508	0.0504143	2.72854	2.72854	0.353831	0.650898	-1.53634
cg16020069	C1orf92	0.00931364	0.969392	0.986772	-1.01341	0.129472	1.76564	1.76564	0.000617394	6.22904	6.22904	0.858511	0.93995	-1.06389	0.00140747	4.97645	4.97645
cg18863922	C1orf92	0.0112976	0.129367	0.597194	-1.6745	0.312646	1.38898	1.38898	0.15118	1.62238	1.62238	0.0380922	0.469402	-2.13037	0.00169423	0.243921	-4.09969
cg19022717	C1orf92	0.0140509	0.0315091	2.20993	2.20993	0.058822	1.95613	1.95613	0.601767	1.18003	1.18003	0.0175006	2.48238	2.48238	0.00553681	3.14576	3.14576
cg06069154	C1orf92	0.0206367	0.866443	1.08045	1.08045	0.00321371	6.35031	6.35031	0.020111	3.6287	3.6287	0.351975	0.643842	-1.55318	0.0234234	0.288025	-3.47193
cg05270291	C1orf92	0.0225852	0.0187537	3.53359	3.53359	0.0133089	3.89355	3.89355	0.229449	1.74879	1.74879	0.0103812	4.1812	4.1812	0.293652	1.62061	1.62061
cg06874172	C1orf92	0.0274164	0.0258647	0.269095	-3.71616	0.00275683	0.128823	-7.7626	0.175726	0.489491	-2.04294	0.0578413	0.345033	-2.89827	0.029386	0.279971	-3.5718
cg26614154	C1orf92	0.0337209	0.495749	1.35279	1.35279	0.000712555	9.50578	9.50578	0.905481	1.05326	1.05326	0.245535	1.69999	1.69999	0.584697	1.27266	1.27266
cg06374307	C1orf92	0.0413554	0.75112	1.15422	1.15422	0.00904482	4.46173	4.46173	0.606386	0.791151	-1.26398	0.0275697	3.23639	3.23639	0.722628	0.851595	-1.17427
cg16489895	C1orf92	0.0434107	0.00511434	0.416014	-2.40376	0.94141	0.982724	-1.01758	0.725781	1.08707	1.08707	0.446855	0.832087	-1.2018	0.262934	0.75827	-1.31879
cg02237987	C1orf92	0.0468385	0.82805	0.868385	-1.15156	0.0984504	3.24032	3.24032	0.00125006	21.2898	21.2898	0.823807	0.865307	-1.15566	0.348044	1.87161	1.87161
cg17099671	C1orf93	9.58E-05	0.636331	0.964742	-1.03655	6.71E-05	1.73371	1.73371	0.00532395	1.31879	1.31879	0.484781	1.05496	1.05496	0.644765	1.03561	1.03561
cg08273935	C1orf93	0.0445813	0.0865662	0.724924	-1.37945	0.538629	1.11159	1.11159	0.0535546	0.688974	-1.45143	0.0952064	0.732326	-1.36551	0.333044	0.843937	-1.18492
cg27557134	C1orf94;C1orf94	0.00631815	0.0106294	4.73474	4.73474	0.0113658	4.63605	4.63605	0.0458903	3.02722	3.02722	0.0473454	2.99895	2.99895	0.62418	0.787402	-1.27
cg10431747	C1orf94;C1orf94	0.0128636	0.0559309	3.99878	3.99878	0.0062051	9.81475	9.81475	0.102956	3.13242	3.13242	0.0601059	3.8859	3.8859	0.83375	1.144	1.144
cg08527127	C1orf94;C1orf94	0.0174587	0.0246965	0.227376	-4.398	0.00181047	0.079492	-12.5799	0.00488284	0.121974	-8.19846	0.617008	0.761923	-1.31247	0.0787044	0.3433	-2.9129
cg15204286	C1orf94;C1orf94	0.0174604	0.100842	0.815914	-1.22562	0.00070335	1.79453	1.79453	0.472759	1.08619	1.08619	0.446259	1.09187	1.09187	0.832679	1.02424	1.02424
cg24411961	C1orf94;C1orf94	0.0201477	0.0284159	5.20781	5.20781	0.00713551	9.17714	9.17714	0.0682815	3.67764	3.67764	0.0892013	3.30581	3.30581	0.789356	1.18627	1.18627
cg26226879	C1orf94;C1orf94	0.0217743	0.612269	1.16561	1.16561	0.122008	1.65293	1.65293	0.475547	1.24301	1.24301	0.634644	1.15434	1.15434	0.0294562	0.463557	-2.15723
cg02656891	C1orf94;C1orf94	0.0235272	0.0271301	37.7156	37.7156	0.0591011	19.2544	19.2544	0.134588	9.38322	9.38322	0.0707136	16.4905	16.4905	0.135594	9.32106	9.32106
cg24435884	C1orf94;C1orf94	0.028387	0.0640229	0.590265	-1.69415	0.0773122	0.608109	-1.64444	0.00721916	0.415566	-2.40636	0.466818	0.828993	-1.20628	0.00140761	0.310025	-3.22554
cg14091978	C1orf94;C1orf94	0.0439326	0.0154914	0.114356	-8.7446	0.0268215	0.147313	-6.78826	0.0246536	0.141739	-7.05523	0.180507	0.354025	-2.82466	0.011991	0.101408	-9.86118
cg13329248	C1orf94;C1orf94;C1orf94	0.0152543	0.0213181	7.27127	7.27127	0.0314915	6.10184	6.10184	0.0755412	4.13062	4.13062	0.121171	3.3364	3.3364	0.169247	2.85764	2.85764
cg22697574	C1orf94;C1orf94;C1orf94	0.028706	0.0206686	13.5589	13.5589	0.0290194	11.1087	11.1087	0.0818271	6.07462	6.07462	0.107225	5.18077	5.18077	0.151601	4.20957	4.20957
cg16348470	C1orf94;C1orf94;C1orf94	0.0316258	0.040862	31.6539	31.6539	0.040385	31.9938	31.9938	0.09079	15.2885	15.2885	0.115106	12.2755	12.2755	0.144213	9.93538	9.93538
cg04025150	C1orf94;C1orf94;C1orf94	0.0345502	0.0338206	25.99	25.99	0.116704	9.40016	9.40016	0.192386	6.13417	6.13417	0.104316	10.3225	10.3225	0.120006	9.18304	9.18304
cg04323427	C1orf94;C1orf94;C1orf94	0.0440699	0.0422499	7.4243	7.4243	0.106316	4.53213	4.53213	0.0889465	4.9905	4.9905	0.102408	4.62504	4.62504	0.096088	4.78708	4.78708
cg22157069	C1orf95	0.00325682	0.0996894	0.731187	-1.36764	0.0854822	0.719022	-1.39078	0.0645357	0.697457	-1.43378	0.0968938	1.3719	1.3719	0.000251198	0.350736	-2.85114
cg01232909	C1orf95	0.00416767	0.141154	0.705971	-1.41649	0.00160483	0.3695	-2.70636	0.00883057	0.480253	-2.08223	0.0102632	0.49077	-2.03761	0.000230748	0.260496	-3.83883
cg21339969	C1orf95	0.0203861	0.286229	1.16668	1.16668	0.269562	1.17357	1.17357	0.492182	1.10198	1.10198	0.549418	0.91914	-1.08797	0.80789	1.03449	1.03449
cg02368587	C1orf95	0.0347758	0.00868129	0.488399	-2.04751	0.335399	1.23717	1.23717	0.939255	1.01646	1.01646	0.472383	0.855048	-1.16952	0.00792005	0.482099	-2.07426
cg16705351	C1orf95	0.049864	0.985249	1.00174	1.00174	0.78262	1.02629	1.02629	0.382715	0.919433	-1.08763	0.956979	1.00507	1.00507	0.130441	0.857902	-1.16563
cg12588699	C1orf96	0.000788395	0.199638	0.885077	-1.12985	4.57E-05	2.00216	2.00216	0.00117821	1.53539	1.53539	0.07048	0.833491	-1.19977	0.183679	0.880665	-1.1355
cg26148135	C1orf96	0.0416461	0.0513649	0.442912	-2.25779	0.263948	0.652145	-1.5334	0.0299387	0.391553	-2.55393	0.00550189	0.261898	-3.81827	0.587122	0.817683	-1.22297
cg05638883	C1orf97	0.000105634	0.00874305	0.4697	-2.12902	0.0134229	0.500277	-1.99889	0.000572574	0.299282	-3.34133	0.00826332	0.465763	-2.14701	0.000342674	0.271372	-3.68498
cg26255011	C1orf97	0.000128698	0.0964534	0.755566	-1.32351	0.393143	0.874294	-1.14378	0.0249783	0.663887	-1.50628	0.0522158	0.712404	-1.4037	0.00340552	0.542648	-1.84282
cg22868409	C1orf97	0.00177437	0.231601	0.879832	-1.13658	0.00447142	0.679199	-1.47232	0.0187603	0.747826	-1.33721	0.624763	0.950945	-1.05159	0.0402325	0.785188	-1.27358
cg14286274	C1orf97	0.00350891	0.343376	0.848362	-1.17874	0.63389	0.922348	-1.08419	0.698991	1.06765	1.06765	0.875611	0.973954	-1.02674	0.507004	0.892782	-1.12009
cg13073589	C1orf9;C1orf9	0.000741988	0.0170457	0.483648	-2.06762	0.0444062	0.561822	-1.77992	0.0221408	0.504053	-1.98392	0.409767	1.23433	1.23433	0.000113612	0.184099	-5.43185
cg21167905	C1orf9;C1orf9	0.000745462	0.384876	1.17066	1.17066	0.00112615	0.42831	-2.33476	0.0275133	1.58576	1.58576	0.281066	1.21915	1.21915	0.000223098	0.337311	-2.96462
cg02636585	C1orf9;C1orf9	0.00129253	0.0542292	0.568348	-1.75949	0.846729	0.951182	-1.05132	0.000203803	0.199805	-5.00489	0.00251012	0.337709	-2.96113	0.224857	0.719129	-1.39057
cg24039962	C1orf9;C1orf9	0.00328237	0.00262114	0.166828	-5.99418	0.349134	0.660808	-1.5133	0.00314926	0.176465	-5.66685	0.0916181	0.450046	-2.22199	0.00204564	0.154437	-6.47514
cg24117372	C1orf9;C1orf9	0.00376704	0.737113	0.967264	-1.03384	0.197882	1.14391	1.14391	0.343124	1.1013	1.1013	0.00923571	0.72149	-1.38602	0.00048198	0.582212	-1.71759
cg06963192	C1orf9;C1orf9	0.00873107	0.00871943	0.494615	-2.02177	0.010969	0.510502	-1.95886	0.0111867	0.511876	-1.9536	0.00313199	0.427033	-2.34174	0.00214216	0.403198	-2.48017
cg09247534	C1orf9;C1orf9	0.014893	0.229953	1.31061	1.31061	0.812944	1.05222	1.05222	0.10791	1.45749	1.45749	0.341363	1.23436	1.23436	0.0279765	0.572591	-1.74645
cg13483248	C1orf9;C1orf9	0.0251626	0.700918	0.914361	-1.09366	0.00403816	0.408262	-2.44941	0.0195049	0.519467	-1.92505	0.65237	0.900146	-1.11093	0.019561	0.519686	-1.92424
cg18280007	C1orf9;C1orf9	0.0315034	0.674564	0.796584	-1.25536	0.354574	0.598765	-1.6701	0.0886897	0.363751	-2.74913	0.56831	0.733047	-1.36417	0.0011882	0.0773418	-12.9296
cg00978910	C1orf9;C1orf9	0.0468181	0.26681	0.87985	-1.13656	0.53956	1.07114	1.07114	0.585843	1.06277	1.06277	0.00487336	0.661708	-1.51124	0.963863	1.00503	1.00503
cg06450650	C20orf103	0.000293594	0.00126291	0.263353	-3.79719	0.468913	1.23233	1.23233	0.124795	0.624309	-1.60177	0.0171532	2.27849	2.27849	0.225697	0.697181	-1.43435
cg24124029	C20orf103	0.00625315	0.480057	1.15025	1.15025	0.445088	1.16391	1.16391	0.868238	1.0329	1.0329	0.000585006	0.354766	-2.81876	0.320172	0.818495	-1.22176
cg21287017	C20orf103	0.0223399	0.586381	0.887798	-1.12638	0.00464889	0.442429	-2.26025	0.362799	0.816592	-1.2246	0.139956	0.708917	-1.4106	0.164193	1.37926	1.37926
cg17466795	C20orf103	0.0270171	0.183181	2.03015	2.03015	0.0568379	0.339354	-2.94677	0.922733	0.952523	-1.04984	0.983632	0.989767	-1.01034	0.361228	1.60092	1.60092
cg01144286	C20orf103	0.0463383	0.53804	0.894943	-1.11739	0.0211581	0.610519	-1.63795	0.006865	0.536236	-1.86485	0.0780559	1.41701	1.41701	0.702558	0.933977	-1.07069
cg26582643	C20orf103;C20orf103	0.000198511	0.280182	1.1224	1.1224	0.000213657	0.529376	-1.88902	0.000889697	1.66866	1.66866	0.00306377	1.51756	1.51756	0.01208	0.724776	-1.37974
cg20191310	C20orf103;C20orf103	0.0284575	0.371288	0.856328	-1.16778	0.0391324	1.49681	1.49681	0.165111	1.28424	1.28424	0.831182	0.964573	-1.03673	0.151594	0.771377	-1.29638
cg01023693	C20orf107	0.00176963	0.00181208	0.378441	-2.64242	0.335132	0.804308	-1.24331	0.00141211	0.363296	-2.75257	0.166454	0.723791	-1.38161	0.000409559	0.29239	-3.42009
cg03650851	C20orf107	0.00318377	0.185794	0.628628	-1.59077	0.00419085	0.281039	-3.55823	0.0276001	0.422344	-2.36774	0.000502499	0.165267	-6.05083	0.000945631	0.195683	-5.11032
cg03718414	C20orf107	0.0119504	0.0461777	0.382665	-2.61325	0.1883	1.79712	1.79712	0.178461	0.548193	-1.82417	0.0395065	0.367383	-2.72196	0.0613313	0.412107	-2.42656
cg17000021	C20orf108	0.0077725	0.223592	0.433455	-2.30704	0.109289	0.319306	-3.13179	0.244198	0.450884	-2.21786	0.458019	0.610142	-1.63896	0.00359289	0.075939	-13.1685
cg03415497	C20orf108	0.0420317	0.425747	0.83543	-1.19699	0.764429	1.0687	1.0687	0.130447	0.696918	-1.43489	0.497968	1.16428	1.16428	0.00845941	0.475568	-2.10275
cg20134658	C20orf11	0.0130057	0.0306105	0.159461	-6.27114	0.0426315	0.185081	-5.40303	0.658529	0.725091	-1.37914	0.413107	0.546206	-1.83081	0.0104544	0.0973371	-10.2736
cg12087805	C20orf11	0.0433055	0.0775051	0.598917	-1.66968	0.0327022	0.520567	-1.92098	0.475684	0.82739	-1.20862	0.783181	1.07472	1.07472	0.00214964	0.324381	-3.0828
cg06147743	C20orf111	0.00014823	0.000200282	0.400521	-2.49675	0.000424429	0.441227	-2.26641	0.296601	1.17189	1.17189	0.0253277	0.677263	-1.47653	0.00184845	0.523144	-1.91152
cg20799963	C20orf111	0.00236127	0.00190094	0.677426	-1.47618	0.475713	0.937818	-1.0663	0.000990682	0.648449	-1.54214	0.345389	1.08983	1.08983	0.00124086	1.51859	1.51859
cg00971933	C20orf111	0.00330715	0.0154573	0.700083	-1.4284	0.0125689	0.689016	-1.45134	0.844684	0.976736	-1.02382	0.00859819	0.668856	-1.49509	0.0036274	0.623506	-1.60383
cg02192431	C20orf111	0.00468785	0.161838	1.73314	1.73314	0.0282763	2.59456	2.59456	0.0993943	1.94438	1.94438	0.0740723	2.08097	2.08097	0.842848	1.07581	1.07581
cg21263890	C20orf111	0.0152317	0.55882	0.835706	-1.19659	0.000536057	5.1315	5.1315	0.679603	1.13438	1.13438	0.62468	1.16148	1.16148	0.172299	0.643369	-1.55432
cg11321180	C20orf111	0.0280797	0.170815	2.3104	2.3104	0.451225	1.54292	1.54292	0.965103	0.975746	-1.02486	?	?	?	0.765531	1.18295	1.18295
cg13681142	C20orf111	0.0336234	0.00618896	0.324561	-3.08109	0.0472704	0.488959	-2.04516	0.188695	0.644706	-1.55109	0.072483	0.531687	-1.88081	0.0859983	0.549909	-1.81848
cg06466728	C20orf111	0.0418202	0.294762	1.48725	1.48725	0.0330617	2.48522	2.48522	0.201849	1.63606	1.63606	0.8543	1.06945	1.06945	0.535702	0.79525	-1.25747
cg22639492	C20orf111	0.0437897	0.0164897	1.41797	1.41797	0.560087	0.932174	-1.07276	0.00983395	1.47544	1.47544	0.445857	1.09705	1.09705	0.467943	1.09202	1.09202
cg11701377	C20orf111	0.0473643	0.208583	2.31141	2.31141	0.364369	1.80241	1.80241	0.361867	1.80828	1.80828	0.323405	1.90529	1.90529	0.723999	0.799246	-1.25118
cg06813782	C20orf112	0.00035119	0.0363433	0.769679	-1.29924	0.00015673	0.498568	-2.00575	0.000223252	0.51634	-1.93671	0.273399	0.884592	-1.13046	0.714096	0.961187	-1.04038
cg12871687	C20orf112	0.00605433	0.461248	1.28074	1.28074	0.13503	0.587734	-1.70145	0.28031	0.69059	-1.44804	9.01E-05	0.0992079	-10.0798	0.633088	0.853291	-1.17193
cg13356474	C20orf112	0.0242271	0.604839	0.898007	-1.11358	0.197885	0.755426	-1.32376	0.0847698	1.48119	1.48119	0.617158	0.901349	-1.10945	0.00117554	0.374865	-2.66763
cg01221637	C20orf112	0.0306072	0.702377	0.96742	-1.03368	0.0113439	1.31455	1.31455	0.087188	1.17696	1.17696	0.0388114	1.22925	1.22925	0.925039	0.991914	-1.00815
cg01129886	C20orf112	0.0456954	0.0199645	0.311755	-3.20765	0.476249	0.740367	-1.35068	0.227586	1.69157	1.69157	0.816667	0.908123	-1.10117	0.0437883	0.382223	-2.61627

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11526073	0.249114	0.616008	-1.62335	0.00889634	0.262151	-3.81459	0.407898	0.711435	-1.40561	0.0198299	0.322619	-3.09964	3.52943	9.0423	2.27731	1
cg16601494	0.0465227	1.29107	1.29107	0.00469036	0.656287	-1.52372	0.260397	0.87674	-1.14059	0.583229	0.939796	-1.06406	3.89522	0.774675	0.176781	1
cg08541772	0.147809	1.4487	1.4487	0.665131	1.10955	1.10955	0.934321	1.01987	1.01987	0.475892	1.18893	1.18893	4.19759	3.78822	0.8022	1
cg06375148	0.0869665	0.300609	-3.32658	0.00776094	0.113718	-8.79372	0.132147	0.355825	-2.81037	0.341834	0.536441	-1.86414	3.41259	21.8541	5.6924	1
cg26148377	0.801692	1.04318	1.04318	0.000299355	0.372241	-2.68643	0.662949	0.92898	-1.07645	0.575512	0.909343	-1.09969	17.2128	7.69252	0.397251	1
cg22176994	0.667854	0.920917	-1.08587	0.00387826	0.459014	-2.17858	0.0140763	1.81812	1.81812	0.0969683	1.42254	1.42254	7.97608	3.99655	0.438433	1
cg13467169	0.000733073	0.13699	-7.29983	0.557627	0.80688	-1.23934	0.268054	1.52097	1.52097	0.892358	1.05013	1.05013	6.708	12.0626	1.57346	1
cg17138369	0.0318624	1.41027	1.41027	0.101935	1.27723	1.27723	0.120239	1.25906	1.25906	0.55132	0.920916	-1.08587	5.61342	1.66088	0.263001	1
cg26548293	0.384039	1.54326	1.54326	0.0265875	0.278679	-3.58836	0.475021	0.702477	-1.42353	0.0421888	3.11994	3.11994	5.22525	19.5573	3.32697	1
cg06819431	0.0248669	0.248295	-4.02747	0.0248195	0.24814	-4.02999	0.425087	1.52955	1.52955	0.123502	0.418772	-2.38793	5.08426	21.9187	3.83208	1
cg26359488	0.13436	2.05393	2.05393	0.639654	0.810391	-1.23397	0.550105	1.30942	1.30942	0.06059	2.56844	2.56844	4.84216	15.2445	2.79847	1
cg02072376	0.0197198	3.03694	3.03694	0.0751431	2.02503	2.02503	0.0998024	1.87725	1.87725	0.16596	0.606914	-1.64768	19.1364	23.1371	0.604531	1
cg17270598	0.444287	1.12574	1.12574	0.322929	0.856359	-1.16774	0.875821	1.02404	1.02404	0.777546	1.04396	1.04396	4.38031	1.60023	0.324732	1
cg20168837	0.477311	1.37038	1.37038	0.331662	1.54769	1.54769	0.4074	1.44711	1.44711	0.523483	0.754305	-1.32572	3.58893	10.8093	2.67719	1
cg04121115	0.204982	0.942925	-1.06053	?	?	?	0.0128795	0.873104	-1.14534	0.00364073	1.1887	1.1887	19.6919	0.535336	0.0271857	1
cg01182697	0.194461	0.623439	-1.60401	0.000218598	0.119849	-8.34386	0.000937028	0.182769	-5.47139	0.00102439	0.187202	-5.34182	12.7501	23.9291	1.66825	1
cg20793071	0.0418349	0.211821	-4.72096	0.000785544	0.0347798	-28.7523	0.00522197	0.0873287	-11.451	0.00758585	0.103101	-9.69923	8.03797	55.7259	6.16251	1
cg19088859	0.0214523	1.82713	1.82713	0.1364	1.39876	1.39876	0.0189723	1.86194	1.86194	0.103727	1.4538	1.4538	11.3715	6.31366	0.416414	1
cg08526412	0.163753	0.260835	-3.83385	0.00474814	0.0336723	-29.698	0.00961464	0.0516042	-19.3783	0.0274283	0.0945023	-10.5818	5.20632	67.4289	11.5123	1
cg09270685	0.0393461	0.389607	-2.56669	0.114089	0.506789	-1.97321	0.697376	1.1671	1.1671	0.0969585	2.05519	2.05519	4.83618	11.9755	2.2011	1
cg04863508	0.349002	1.18361	1.18361	0.0310167	0.642305	-1.55689	0.505531	1.12538	1.12538	0.953876	1.01016	1.01016	3.6821	1.78266	0.430349	1
cg21917351	0.230332	1.43508	1.43508	0.464382	0.807554	-1.23831	0.829373	0.939932	-1.06391	0.979946	0.992811	-1.00724	4.46434	5.82536	1.15988	1
cg14084857	0.969679	1.00415	1.00415	0.650465	0.951493	-1.05098	0.477324	0.924264	-1.08194	0.508661	1.07582	1.07582	6.18254	1.16344	0.167272	1
cg17864206	0.000294148	0.526056	-1.90094	0.0113947	1.41188	1.41188	0.457013	1.08599	1.08599	0.0173335	1.37109	1.37109	10.8804	2.04377	0.166968	1
cg06188908	0.523021	0.855414	-1.16902	0.00145206	0.329601	-3.03397	0.0951763	0.642525	-1.55636	0.223097	0.734289	-1.36186	4.11792	3.79612	0.819424	1
cg27228868	0.984747	0.994972	-1.00505	0.820777	1.06166	1.06166	0.979293	0.99318	-1.00687	0.139738	0.657708	-1.52043	5.80704	6.39406	0.978744	1
cg20963814	?	?	?	0.368623	0.595976	-1.67792	0.231103	0.493443	-2.02658	0.286444	0.537149	-1.86168	4.51849	19.4026	3.75729	1
cg16039979	0.201648	1.21528	1.21528	0.0669684	1.34572	1.34572	0.000746497	0.477133	-2.09585	0.299577	0.856026	-1.16819	9.64451	3.19386	0.294363	1
cg26411452	0.850906	1.04813	1.04813	0.324163	0.775387	-1.28968	0.321164	0.774081	-1.29186	0.0601526	0.588772	-1.69845	7.22842	7.14592	0.878744	1
cg02804999	0.0125077	0.493952	-2.02449	0.676293	1.10001	1.10001	0.645923	0.900308	-1.11073	0.904706	1.02756	1.02756	5.25027	4.28529	0.725515	1
cg16559025	0.011184	1.90105	1.90105	0.00059419	2.91926	2.91926	0.519562	1.14101	1.14101	0.534913	0.880754	-1.13539	5.05228	3.26689	0.574771	1
cg05937445	0.963353	1.01211	1.01211	0.981651	0.993995	-1.00604	0.00284484	0.341004	-2.93252	0.959464	0.986776	-1.0134	4.73128	5.14024	0.965723	1
cg05940463	0.111066	1.35028	1.35028	0.124555	0.749998	-1.33334	0.113352	0.742244	-1.34727	0.82645	1.03872	1.03872	4.81382	2.28179	0.42134	1
cg19641395	0.28454	0.873862	-1.14435	0.453233	0.911492	-1.0971	0.242423	1.15996	1.15996	0.0228075	1.3916	1.3916	4.51484	1.05189	0.207098	1
cg10314133	0.184285	0.655986	-1.52442	0.326736	1.35406	1.35406	0.00932379	0.372573	-2.68404	0.00286089	0.292721	-3.41623	9.3428	13.2615	1.26172	1
cg19915466	0.278687	1.11204	1.11204	0.00023676	0.563118	-1.77583	0.0293502	1.27376	1.27376	0.02005	1.30282	1.30282	9.22895	1.29927	0.125139	1
cg16718276	0.246974	0.617064	-1.62058	0.734494	1.14541	1.14541	0.0372372	0.381225	-2.62312	0.00221374	0.180838	-5.5298	6.58802	16.5946	2.23903	1
cg01927825	0.128146	1.46274	1.46274	0.0236381	0.535371	-1.86786	0.127414	0.683069	-1.46398	0.538253	1.15499	1.15499	6.09946	5.16506	0.752716	1
cg11503104	0.634295	0.855448	-1.16898	0.306288	1.41211	1.41211	0.067165	0.512516	-1.95116	0.0178026	0.391152	-2.55655	4.67843	7.86505	1.49434	1
cg04118472	0.314766	0.682821	-1.46451	0.119583	0.538022	-1.85866	0.0242991	0.373317	-2.67869	0.0391479	0.416417	-2.40144	3.59464	7.6685	1.89628	1
cg07697177	0.41104	0.714093	-1.40038	0.666518	1.18967	1.18967	0.0341186	0.371393	-2.69256	0.019967	0.324645	-3.08028	3.40614	8.65687	2.25915	1
cg20935542	0.00189681	0.374768	-2.66832	0.0151213	0.513941	-1.94575	0.029622	0.56495	-1.77007	0.0145731	0.51124	-1.95603	6.74082	5.3087	0.700039	1
cg13322175	0.111889	0.456272	-2.19167	0.475479	0.719718	-1.38943	0.833613	0.909061	-1.10004	0.00577541	0.194129	-5.15121	5.90216	19.2027	2.892	1
cg09176275	0.149988	3.52282	3.52282	0.00293773	28.0245	28.0245	0.0133192	12.2079	12.2079	0.0412943	6.82541	6.82541	4.1388	43.6421	9.37299	1
cg15628917	0.0358347	10.6681	10.6681	0.00359759	45.6651	45.6651	0.012595	20.2358	20.2358	0.074562	6.85968	6.85968	4.07026	60.5766	13.2291	1
cg17238766	0.0339688	3.76491	3.76491	0.00291475	8.94191	8.94191	0.0200129	4.49668	4.49668	0.08511	2.77207	2.77207	3.64436	16.5562	4.03819	1
cg24740868	0.0513479	6.48354	6.48354	0.00292377	31.3309	31.3309	0.0123218	13.8174	13.8174	0.0453546	6.91847	6.91847	4.26121	47.9106	9.99417	1
cg00914726	0.0499768	7.29173	7.29173	0.00460041	28.5647	28.5647	0.0348612	8.89657	8.89657	0.0467496	7.56534	7.56534	3.44881	43.1473	11.1207	1
cg16244690	0.860937	0.966443	-1.03472	0.000759517	0.3703	-2.70052	0.683706	0.92336	-1.083	0.261663	1.2559	1.2559	8.25686	4.95532	0.533463	1
cg05390402	0.196609	0.760176	-1.31548	7.81E-05	0.238026	-4.20122	0.709663	1.078	1.078	0.24869	0.78492	-1.27402	7.4753	4.77563	0.567871	1
cg20787122	0.98051	0.99126	-1.00882	0.581477	0.81868	-1.22148	0.828033	0.924803	-1.08131	0.455032	1.31447	1.31447	7.23118	14.7885	1.81787	1
cg11688768	0.0334911	0.511054	-1.95674	0.589643	1.15852	1.15852	0.992925	0.997607	-1.0024	0.0588732	1.77989	1.77989	4.70034	5.436	1.02801	1
cg02580006	0.658827	0.949862	-1.05278	0.677547	0.952747	-1.0496	0.155946	0.838851	-1.19211	0.000453756	0.527464	-1.89586	38.5323	8.17797	0.188655	1
cg03516026	0.00172923	0.594201	-1.68293	0.573636	1.06846	1.06846	0.0221053	0.726445	-1.37657	0.0347788	0.750837	-1.33185	14.5029	3.11533	0.19094	1
cg14163966	0.169194	0.780674	-1.28094	0.0747404	1.39872	1.39872	0.00299633	1.99005	1.99005	0.34619	1.1782	1.1782	4.25718	1.92675	0.402301	1
cg09354439	?	?	?	?	?	?	0.5568	0.830053	-1.20474	0.72715	0.896495	-1.11545	6.55731	5.12496	0.781564	1
cg15726025	0.000588544	0.265433	-3.76743	0.0777702	0.612845	-1.63173	0.620548	1.13277	1.13277	0.030126	0.528864	-1.89084	11.2762	11.1437	0.878441	1
cg10107956	0.819634	1.02969	1.02969	0.0096379	0.657195	-1.52162	0.865166	0.97846	-1.02201	0.589536	0.932593	-1.07228	8.22552	2.1386	0.231108	1
cg07361759	0.674652	0.907415	-1.10203	0.0026699	0.384536	-2.60054	0.899449	0.971328	-1.02952	0.236266	1.33055	1.33055	3.5565	2.98294	0.745537	1
cg27317004	0.112669	0.680452	-1.46961	0.0527898	0.61214	-1.63361	0.804362	0.946169	-1.05689	0.464732	1.18044	1.18044	32.7417	25.776	0.69978	1
cg22402053	0.441698	0.877491	-1.13961	0.60083	0.915811	-1.09193	0.628644	1.08457	1.08457	0.401917	0.866828	-1.15363	23.4756	10.3183	0.390696	1
cg12126706	0.775998	1.04828	1.04828	4.28E-05	0.276648	-3.6147	0.0739545	0.719512	-1.38983	0.0226282	0.636896	-1.57011	10.0499	4.3484	0.384604	1
cg09858604	0.0998871	1.662	1.662	0.0932603	1.68238	1.68238	0.0937611	1.68078	1.68078	0.00266228	3.22431	3.22431	9.35231	11.7586	1.1176	1
cg16596889	0.00126649	0.160549	-6.22863	0.000297573	0.101309	-9.8708	0.0166661	0.320905	-3.11619	0.0669028	0.449905	-2.22269	8.62026	20.6432	2.12865	1
cg16268769	0.446815	1.20544	1.20544	0.945761	1.01653	1.01653	0.209405	0.727021	-1.37548	0.0387049	1.78051	1.78051	7.18449	6.60704	0.817445	1
cg11707445	0.0184886	0.276356	-3.61853	0.0068323	0.206562	-4.84115	0.876832	1.07231	1.07231	0.0181857	3.63563	3.63563	6.99517	22.4477	2.85247	1
cg16020069	0.627698	0.843997	-1.18484	0.597264	0.831069	-1.20327	0.86866	1.05912	1.05912	0.625374	1.18622	1.18622	6.04621	11.5335	1.69561	1
cg18863922	0.0293344	2.2423	2.2423	0.947599	0.979535	-1.02089	0.0728907	0.532917	-1.87647	0.229664	1.48665	1.48665	5.68337	8.90851	1.39331	1
cg19022717	0.021651	2.37949	2.37949	0.002117	3.89008	3.89008	0.893795	1.04289	1.04289	0.0256802	2.30059	2.30059	5.29356	8.28704	1.39155	1
cg06069154	0.780965	0.879734	-1.13671	0.195902	1.87516	1.87516	0.956036	1.02567	1.02567	0.0949648	2.32441	2.32441	4.65466	15.5772	2.97475	1
cg05270291	0.553595	1.3042	1.3042	0.497167	0.736739	-1.35733	0.0421614	2.82229	2.82229	0.00444474	5.37711	5.37711	4.51305	14.041	2.76551	1
cg06874172	0.185114	0.497917	-2.00837	0.0141659	0.22271	-4.49015	0.0282123	0.276455	-3.61723	0.103239	0.412999	-2.42131	4.21893	16.4508	3.46603	1
cg26614154	0.842296	0.916654	-1.09092	0.32405	0.64086	-1.5604	0.179852	1.8632	1.8632	0.106673	2.1588	2.1588	3.91946	11.8475	2.68687	1
cg06374307	0.54668	0.759616	-1.31645	0.59573	1.27297	1.27297	0.0175564	3.67892	3.67892	0.027008	3.25523	3.25523	3.63811	11.7067	2.86026	1
cg16489895	0.510997	0.853796	-1.17124	0.0073476	0.440782	-2.2687	0.380478	1.23774	1.23774	0.273329	1.31034	1.31034	3.57319	3.18104	0.791337	1
cg02237987	0.802548	0.849979	-1.1765	?	?	?	0.870941	1.11125	1.11125	0.936975	0.949988	-1.05264	3.52515	20.8872	5.9252	1
cg17099671	0.145159	1.12514	1.12514	3.16E-05	0.54277	-1.8424	0.192571	0.901286	-1.10953	0.000358951	0.64956	-1.5395	22.3936	2.01429	0.079955	1
cg08273935	0.082366	1.38678	1.38678	0.309562	1.19565	1.19565	0.0201429	1.61008	1.61008	0.303281	1.19864	1.19864	3.53788	1.61795	0.406508	1
cg27557134	0.0107749	4.71452	4.71452	0.000510728	13.8305	13.8305	0.0272505	3.54218	3.54218	0.0212813	3.81869	3.81869	6.82918	25.3414	3.29844	1
cg10431747	0.0144963	6.87485	6.87485	0.00135862	19.6212	19.6212	0.0113048	7.61752	7.61752	0.0633543	3.80534	3.80534	5.44888	35.3529	5.7672	1
cg08527127	0.212443	0.490153	-2.04018	0.00999258	0.162169	-6.16642	0.0697064	0.328938	-3.04009	0.0452823	0.282506	-3.53975	5.50886	24.7787	3.49842	1
cg15204286	0.335922	0.893748	-1.11888	0.0470117	1.29352	1.29352	0.510776	0.927264	-1.07844	0.328989	0.892207	-1.12082	4.92521	0.999759	0.180434	1
cg24411961	0.0171433	6.38059	6.38059	0.003656	12.2757	12.2757	0.0218794	5.78222	5.78222	0.0595653	3.88251	3.88251	4.69281	30.2478	5.72938	1
cg26226879	0.0308455	2.1387	2.1387	0.00208817	3.66375	3.66375	0.0736157	1.81847	1.81847	0.172821	1.54492	1.54492	4.57007	6.50674	1.26558	1
cg02656891	0.0282942	36.3648	36.3648	0.00165476	517.272	517.272	0.0280326	36.6592	36.6592	0.0234449	42.826	42.826	4.44992	135.744	27.1153	1
cg24435884	0.324292	0.772734	-1.29411	0.354176	0.785504	-1.27307	0.138599	0.667769	-1.49752	0.0739703	0.603873	-1.65598	4.16757	4.23417	0.903094	1
cg14091978	0.0749896	0.235054	-4.25434	0.0282629	0.150878	-6.62785	0.193829	0.366457	-2.72884	0.0887191	0.253829	-3.93966	3.5573	30.0406	7.50646	1
cg13329248	0.0165938	8.1476	8.1476	0.00104722	32.3814	32.3814	0.0345137	5.85706	5.85706	0.0133589	8.99978	8.99978	5.15196	41.945	7.23694	1
cg22697574	0.0180835	14.675	14.675	0.00366301	39.4983	39.4983	0.0427062	8.86984	8.86984	0.031185	10.6514	10.6514	4.15116	57.5459	12.3223	1
cg16348470	0.0413906	31.286	31.286	0.00227907	515.758	515.758	0.0404302	31.9612	31.9612	0.028563	43.875	43.875	4.01071	136.084	30.1601	1
cg04025150	0.0434205	21.1885	21.1885	0.00302249	209.255	209.255	0.0264129	31.8381	31.8381	0.0195776	40.7877	40.7877	3.88526	106.346	24.3304	1
cg04323427	0.0400536	7.63832	7.63832	0.00532751	23.2404	23.2404	0.0361904	8.06245	8.06245	0.0232105	10.2279	10.2279	3.55316	41.3173	10.3363	1
cg22157069	0.848215	0.967298	-1.03381	0.0219646	0.620718	-1.61104	0.466976	1.13705	1.13705	0.00175997	0.461482	-2.16693	8.35153	3.98259	0.423884	1
cg01232909	0.319565	0.797478	-1.25395	0.0299733	0.570203	-1.75376	0.468826	0.850313	-1.17604	0.0751098	0.646591	-1.54657	7.75579	5.94574	0.681439	1
cg21339969	0.748879	0.956276	-1.04572	0.000581181	0.476833	-2.09717	0.0523973	0.735592	-1.35945	0.330923	0.869665	-1.14987	4.67407	1.43445	0.272795	1
cg02368587	0.121313	0.69776	-1.43316	0.0132543	0.518073	-1.93023	0.146372	0.716033	-1.39658	0.563007	0.882249	-1.13347	3.87613	2.8178	0.646189	1
cg16705351	0.540468	0.943511	-1.05987	0.00116499	0.639286	-1.56424	0.237224	0.890304	-1.12321	0.333539	1.09811	1.09811	3.39164	0.472964	0.123956	1
cg12588699	0.864339	1.01553	1.01553	0.0416326	0.809281	-1.23567	0.860306	0.984255	-1.016	0.111676	1.16892	1.16892	12.5837	1.61765	0.114268	1
cg26148135	0.297354	1.4868	1.4868	0.831364	1.08143	1.08143	0.336176	0.69485	-1.43916	0.127429	1.83148	1.83148	3.62868	7.74544	1.89734	1
cg05638883	0.000578896	0.299893	-3.33452	0.770864	1.0683	1.0683	9.98E-06	0.116996	-8.54731	5.55E-05	0.183298	-5.45559	21.8182	17.6854	0.720517	1
cg26255011	0.0107597	0.611332	-1.63577	1.18E-06	0.144945	-6.89917	0.88518	0.978054	-1.02244	0.72045	0.94631	-1.05674	20.6925	7.72924	0.332025	1
cg22868409	0.184213	0.866123	-1.15457	2.67E-05	0.428739	-2.33242	0.397481	0.915392	-1.09243	0.894667	0.986574	-1.01361	9.9832	1.64618	0.146573	1
cg14286274	0.386215	1.16143	1.16143	3.56E-05	0.260888	-3.83306	0.73249	1.05951	1.05951	0.339558	0.847187	-1.18038	8.16759	3.67152	0.399576	1
cg13073589	0.0079919	0.427853	-2.33725	0.00016808	0.202029	-4.94979	0.0845647	1.61032	1.61032	0.0385274	0.549578	-1.81958	12.8001	12.6434	0.878011	1
cg21167905	0.0327896	1.55533	1.55533	0.342959	0.841307	-1.18863	0.275457	0.818188	-1.22221	0.000766488	0.406032	-2.46286	12.7833	6.33316	0.440377	1
cg02636585	0.15343	0.673454	-1.48488	9.25E-05	0.164506	-6.07881	0.741241	0.917866	-1.08948	0.11014	0.63741	-1.56885	10.9371	11.5869	0.941697	1
cg24039962	0.0634293	0.407723	-2.45264	0.00168231	0.145149	-6.88946	0.519124	1.32435	1.32435	0.00249317	0.164269	-6.08756	8.33209	24.3808	2.60101	1
cg24117372	0.0153347	0.74526	-1.34181	0.0441688	0.795792	-1.25661	0.0229849	1.30825	1.30825	0.823136	1.02236	1.02236	7.99557	1.23597	0.137406	1
cg06963192	0.318756	0.804886	-1.24241	0.279346	0.789062	-1.26733	0.655875	1.09908	1.09908	0.913732	0.977432	-1.02309	6.17143	4.33691	0.624657	1
cg09247534	0.878626	1.03336	1.03336	0.0419164	1.6545	1.6545	0.00277774	2.4249	2.4249	0.00689306	2.11946	2.11946	5.19297	3.79296	0.649247	1
cg13483248	0.475368	0.845026	-1.1834	0.944309	0.983924	-1.01634	0.470997	0.843566	-1.18544	0.00438874	0.413748	-2.41693	4.34741	3.70561	0.757664	1
cg18280007	?	?	?	0.388624	0.621379	-1.60932	0.294993	1.79476	1.79476	0.285251	1.81796	1.81796	4.0831	16.6702	4.08273	1
cg00978910	0.413451	0.911643	-1.09692	0.0057839	0.670289	-1.49189	0.837733	1.02295	1.02295	0.888139	1.01569	1.01569	3.47348	0.673434	0.172336	1
cg06450650	0.194627	0.677742	-1.47549	9.01E-06	0.0654696	-15.2743	0.185388	0.671556	-1.48908	0.0470744	1.90462	1.90462	16.5476	21.0655	1.13158	1
cg24124029	0.092702	0.697166	-1.43438	0.0957358	1.42872	1.42872	0.00567804	0.492909	-2.02877	0.0737107	1.4751	1.4751	6.85108	4.12515	0.535214	1
cg21287017	0.55855	0.879717	-1.13673	0.00509515	2.22976	2.22976	0.850282	1.04178	1.04178	0.386036	0.824895	-1.21228	4.53003	3.36678	0.660634	1
cg17466795	0.135532	2.24029	2.24029	0.00511454	6.3898	6.3898	0.00763774	5.58183	5.58183	0.121179	2.3223	2.3223	4.24072	16.8839	3.53901	1
cg01144286	0.129038	0.746762	-1.33911	0.913214	0.980779	-1.0196	0.694258	0.932087	-1.07286	0.238303	1.24594	1.24594	3.48697	1.75022	0.446162	1
cg26582643	0.878911	0.984441	-1.01581	0.0179538	0.743938	-1.3442	0.00120304	1.6289	1.6289	0.0013527	1.61398	1.61398	18.4084	3.08468	0.14895	1
cg20191310	0.674443	1.07399	1.07399	0.00175959	0.470959	-2.12333	0.645787	1.08133	1.08133	0.508593	1.11997	1.11997	4.16392	1.88249	0.401863	1
cg01023693	0.949813	0.986303	-1.01389	0.00123991	0.355514	-2.81283	0.00427597	0.432837	-2.31034	0.0123181	0.505159	-1.97958	9.99095	7.59587	0.6758	1
cg03650851	0.641925	0.856453	-1.16761	0.241246	0.666367	-1.50067	0.00277048	0.255265	-3.9175	0.0199234	0.39466	-2.53382	8.40818	14.5803	1.54138	1
cg03718414	0.0272936	0.333442	-2.99902	0.00051501	0.102378	-9.76775	0.150942	0.523501	-1.91021	0.140998	0.513881	-1.94598	5.58099	15.6288	2.48922	1
cg17000021	0.102714	0.311212	-3.21324	0.000332884	0.0226955	-44.0617	0.0201962	0.160195	-6.24239	0.0117472	0.12774	-7.8284	6.40194	43.3382	6.01736	1
cg03415497	0.299966	0.788624	-1.26803	0.0123581	0.502287	-1.99089	0.0661027	1.57737	1.57737	0.868979	0.964161	-1.03717	3.61631	2.79925	0.688054	1
cg20134658	0.0362663	0.172112	-5.81016	0.000870581	0.0270481	-36.9712	0.0268088	0.150188	-6.65831	0.0203689	0.132564	-7.54354	5.42937	44.9188	7.35404	1
cg12087805	0.196048	0.699659	-1.42927	0.801686	1.06796	1.06796	0.336133	1.29575	1.29575	0.348201	0.777003	-1.287	3.57642	3.86564	0.960772	1
cg06147743	0.0032394	0.555109	-1.80145	2.44E-05	0.291818	-3.42679	0.853223	0.973219	-1.02752	0.000144615	0.383141	-2.61001	19.9205	6.77804	0.302448	1
cg20799963	0.322109	1.09477	1.09477	0.12849	0.864643	-1.15655	0.879313	1.01354	1.01354	0.354185	0.919085	-1.08804	9.18488	1.13984	0.110311	1
cg00971933	0.732618	1.04201	1.04201	0.411322	0.904096	-1.10608	0.00015927	0.460886	-2.16973	0.105645	0.808854	-1.23632	8.31342	1.89636	0.202763	1
cg02192431	0.383684	0.71975	-1.38937	0.410994	1.36275	1.36275	0.0224864	0.365562	-2.73551	0.000397834	0.125519	-7.96689	7.48416	16.0651	1.90804	1
cg21263890	0.567251	0.838987	-1.19191	0.102998	0.581866	-1.71861	0.0796248	0.553983	-1.80511	0.865285	1.0529	1.0529	5.15448	7.52423	1.29755	1
cg11321180	0.00134064	0.0482167	-20.7397	0.175019	2.2884	2.2884	0.738906	0.828648	-1.20679	0.759976	1.18786	1.18786	5.33278	22.5174	3.16684	1
cg13681142	0.0624347	0.516336	-1.93672	0.00577973	0.319876	-3.12621	0.0470924	0.488598	-2.04667	0.0462664	0.486908	-2.05377	3.92355	6.17369	1.39866	1
cg06466728	0.0136855	3.0458	3.0458	0.0289745	2.56111	2.56111	0.00629448	3.66912	3.66912	0.188037	1.66456	1.66456	3.62308	7.65673	1.87851	1
cg22639492	0.764763	0.964862	-1.03642	0.0137374	1.43785	1.43785	0.280671	1.14301	1.14301	0.0394632	1.32835	1.32835	3.56163	0.801465	0.200025	1
cg11701377	0.183374	2.44048	2.44048	0.00181985	0.0607448	-16.4623	0.964011	0.971885	-1.02893	0.861224	0.895303	-1.11694	3.45833	21.8799	5.62376	1
cg06813782	0.0435455	0.779041	-1.28363	8.84E-05	0.469763	-2.12873	0.040243	1.29041	1.29041	0.00493875	0.669957	-1.49263	15.7545	2.88803	0.162946	1
cg12871687	?	?	?	0.227124	0.658174	-1.51936	0.285268	0.693418	-1.44213	0.399131	0.7522	-1.32943	7.06571	10.8244	1.53196	1
cg13356474	0.298304	1.2488	1.2488	0.140268	0.721097	-1.38678	0.656316	0.911829	-1.0967	0.164939	1.35702	1.35702	4.405	2.96303	0.597913	1
cg01221637	0.814576	1.02048	1.02048	0.0577868	0.831045	-1.2033	0.0114001	1.31419	1.31419	0.206666	1.12177	1.12177	4.05782	0.478347	0.104785	1
cg01129886	0.193319	1.77052	1.77052	0.172786	0.547649	-1.82599	0.0127121	0.276634	-3.61488	0.120195	0.496801	-2.01288	3.50532	9.56164	2.42467	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12225835	C20orf112	0.0468097	0.771372	1.09022	1.09022	0.126875	0.61295	-1.63146	0.0122849	0.396734	-2.52058	0.38172	1.30468	1.30468	0.0312784	2.115	2.115
cg14051886	C20orf114	0.00283579	0.00417407	0.762776	-1.311	0.00202692	1.3594	1.3594	0.3627	0.936136	-1.06822	0.00847651	0.788938	-1.26753	0.0483047	0.852844	-1.17255
cg11035100	C20orf114	0.0296679	0.134978	0.697952	-1.43276	0.722246	0.923439	-1.08291	0.00344813	0.412156	-2.42626	0.473974	1.17646	1.17646	0.803713	0.945941	-1.05715
cg15274983	C20orf117	6.78E-05	0.0440508	1.95978	1.95978	0.499677	1.22049	1.22049	0.462369	1.24304	1.24304	0.61158	1.16059	1.16059	0.233003	1.43859	1.43859
cg01844321	C20orf117	0.00223248	0.00646055	1.9165	1.9165	0.00136896	2.34723	2.34723	0.0532531	1.49687	1.49687	0.0245484	1.63557	1.63557	0.0191882	1.68288	1.68288
cg05628702	C20orf117	0.0294836	0.0660408	2.59287	2.59287	0.0638223	2.61847	2.61847	0.00421258	5.87463	5.87463	0.0206591	3.62414	3.62414	0.501715	1.3703	1.3703
cg16144843	C20orf117	0.045308	0.89873	0.960949	-1.04064	0.0212002	2.37927	2.37927	0.00848684	2.86093	2.86093	0.0284189	2.24621	2.24621	0.262685	0.693949	-1.44103
cg27250037	C20orf117;C20orf117	0.0032851	0.00379691	0.461434	-2.16716	0.0148283	1.81083	1.81083	0.229432	1.28378	1.28378	0.175396	1.33035	1.33035	0.849252	1.03841	1.03841
cg20445518	C20orf117;C20orf117	0.00366332	0.0576886	1.22167	1.22167	0.235138	1.12309	1.12309	0.0139714	0.753367	-1.32737	0.00816711	1.37136	1.37136	0.184014	1.14051	1.14051
cg13619349	C20orf118	0.00123735	0.014758	0.896096	-1.11595	0.0549221	1.08284	1.08284	0.103793	0.937033	-1.0672	0.175865	0.94874	-1.05403	0.0152021	0.896718	-1.11518
cg09227119	C20orf118	0.00994217	0.0314563	0.563172	-1.77565	0.0727952	0.634169	-1.57687	0.00529123	0.433223	-2.30828	0.0418518	0.58641	-1.70529	0.000765485	0.313522	-3.18956
cg18062064	C20orf118	0.0401771	0.0252219	0.47708	-2.09609	0.441428	1.24394	1.24394	0.40242	0.78797	-1.26908	0.226923	0.702734	-1.42301	0.0077859	0.386682	-2.58611
cg01488865	C20orf11;DIDO1;DIDO1;DIDO1	5.16E-05	0.000453689	0.457454	-2.18601	0.642845	0.940539	-1.06322	0.17818	1.20848	1.20848	0.000144984	0.390295	-2.56216	0.0478479	1.35391	1.35391
cg04229650	C20orf12	0.0323318	0.0212222	0.273979	-3.64992	0.00793055	0.203646	-4.91048	0.0361282	0.320116	-3.12387	0.686366	1.20894	1.20894	0.024517	0.285856	-3.49826
cg12288076	C20orf123	0.00101818	0.00360744	0.529744	-1.8877	0.0016313	0.482996	-2.07041	0.872474	1.02624	1.02624	0.259474	1.20888	1.20888	0.000227868	0.372414	-2.68519
cg24550212	C20orf123	0.00900104	0.897877	0.94411	-1.0592	0.0244839	3.32133	3.32133	0.40545	0.683016	-1.4641	0.681063	1.20335	1.20335	0.000449389	0.0838547	-11.9254
cg03162092	C20orf123	0.0200285	0.740854	0.944694	-1.05854	0.00249625	0.486648	-2.05487	0.00190609	0.470541	-2.12521	0.12048	0.749231	-1.3347	0.284424	0.826447	-1.21
cg17801864	C20orf123	0.0203303	0.317426	0.691737	-1.44564	0.287747	1.48233	1.48233	0.167537	0.591773	-1.68984	0.832868	0.92741	-1.07827	0.00197947	0.210476	-4.75115
cg08317207	C20orf12;POLR3F	0.00166408	0.00162463	0.357861	-2.79438	0.0129055	2.01853	2.01853	0.00404533	2.40705	2.40705	0.000414105	0.27945	-3.57846	0.589465	1.13197	1.13197
cg13368423	C20orf132	0.040475	0.934221	0.975947	-1.02465	0.00587956	0.345358	-2.89555	0.00560532	0.342084	-2.92326	0.819402	0.934773	-1.06978	0.967422	1.01212	1.01212
cg24871845	C20orf132;C20orf132;C20orf132	0.00583171	0.0455092	0.360103	-2.77699	0.493042	0.733432	-1.36345	0.455671	0.712937	-1.40265	0.254013	0.58834	-1.6997	0.00866388	0.225333	-4.43787
cg24780445	C20orf132;RPN2;C20orf132;RPN2;C20orf132	0.0150016	0.0845664	2.00582	2.00582	0.0227957	2.70251	2.70251	0.017054	2.88965	2.88965	0.0131401	0.325632	-3.07095	0.0869518	0.501732	-1.99309
cg24682316	C20orf132;RPN2;RPN2;C20orf132;C20orf132	0.000544677	0.00486268	0.635644	-1.57321	0.00318381	0.606467	-1.6489	0.0525967	0.787817	-1.26933	0.000142001	0.375246	-2.66492	0.0026606	0.593885	-1.68383
cg02480104	C20orf132;RPN2;RPN2;C20orf132;C20orf132	0.028309	0.847446	1.11039	1.11039	0.196164	2.10247	2.10247	0.389499	1.61519	1.61519	0.407027	1.58589	1.58589	0.539468	1.40181	1.40181
cg23166392	C20orf135	0.0031561	0.0184894	0.511165	-1.95632	0.000167129	0.221919	-4.50615	0.0256248	0.536463	-1.86406	0.0292613	0.547029	-1.82806	0.00833563	0.452967	-2.20767
cg09868035	C20orf135	0.014527	0.00262041	0.336229	-2.97416	0.409272	0.801894	-1.24705	0.619825	0.877367	-1.13977	0.149254	0.667267	-1.49865	0.0029519	0.34379	-2.90876
cg17717750	C20orf135;C20orf135	0.00109644	0.345151	1.208	1.208	2.35E-05	0.193752	-5.16124	0.0422115	0.63457	-1.57587	0.292399	1.23651	1.23651	0.25071	1.2627	1.2627
cg10588425	C20orf135;C20orf135	0.00633842	0.0648022	0.574839	-1.73962	0.408594	0.798003	-1.25313	0.933927	0.978107	-1.02238	0.144823	0.658319	-1.51902	0.000122697	0.167094	-5.98465
cg27272402	C20orf135;C20orf135	0.00795892	0.331334	0.81606	-1.2254	0.0587152	0.648535	-1.54194	0.49588	0.869159	-1.15054	0.659681	1.09403	1.09403	0.00556418	0.477786	-2.09299
cg11861097	C20orf141	0.00116889	0.00813109	1.66849	1.66849	0.000534103	0.442917	-2.25776	0.000393859	0.426123	-2.34674	0.0365634	0.692752	-1.44352	0.325227	1.16589	1.16589
cg13672800	C20orf141	0.00495942	0.750761	0.937878	-1.06624	0.0007299	0.355747	-2.81099	0.00913211	0.513503	-1.94741	0.00226191	0.423203	-2.36293	0.883259	1.03001	1.03001
cg01265637	C20orf141;LOC100288797	5.74E-05	0.269666	0.895009	-1.11731	0.294887	1.11052	1.11052	4.48E-07	0.252573	-3.95925	0.0394449	0.794622	-1.25846	0.0323216	0.785173	-1.2736
cg18157896	C20orf141;LOC100288797	0.00277805	0.004628	0.229886	-4.34998	0.0090514	0.274026	-3.64929	0.000452516	0.115651	-8.64673	0.487493	0.759373	-1.31688	0.00626625	0.249111	-4.01427
cg02594500	C20orf141;LOC100288797	0.0101434	0.00839999	0.411003	-2.43307	0.64995	0.886327	-1.12825	0.0031963	0.345391	-2.89527	0.288388	1.33789	1.33789	0.00934176	0.41866	-2.38858
cg01143454	C20orf141;LOC100288797	0.0267864	0.0293358	0.304499	-3.28408	0.138509	0.477689	-2.09341	0.00455298	0.173677	-5.7578	0.0734429	0.396677	-2.52095	0.0786536	0.404622	-2.47144
cg09675069	C20orf151	0.0163718	0.176319	0.815747	-1.22587	0.175218	0.81527	-1.22659	0.062303	0.742842	-1.34618	0.46967	0.90104	-1.10983	0.192236	0.822391	-1.21597
cg13890714	C20orf151	0.0260795	0.952202	0.979183	-1.02126	0.142978	1.73753	1.73753	0.231428	0.643722	-1.55347	0.877671	0.947381	-1.05554	0.218693	0.635085	-1.57459
cg04038759	C20orf151	0.0308479	0.00643798	0.2852	-3.50632	0.737694	1.12637	1.12637	0.0422766	0.436839	-2.28917	0.0999004	0.528176	-1.89331	0.0852891	0.509905	-1.96115
cg21078065	C20orf151	0.035631	0.437414	0.759701	-1.31631	0.0497869	0.460085	-2.17351	0.0252788	0.397396	-2.51638	0.777211	0.906269	-1.10343	0.00599121	0.287604	-3.47701
cg00334976	C20orf151	0.0386269	0.266784	1.30616	1.30616	0.0673241	1.60525	1.60525	0.0663499	0.621652	-1.60862	0.0618572	1.6249	1.6249	0.543997	1.15232	1.15232
cg07704824	C20orf151	0.0430151	0.356484	1.21469	1.21469	0.056632	0.638113	-1.56712	0.486415	0.865236	-1.15575	0.305997	1.24305	1.24305	0.00385412	0.433944	-2.30444
cg13236107	C20orf152	0.0124251	0.114394	0.726724	-1.37604	0.185978	0.770534	-1.2978	0.000839993	0.393064	-2.54412	0.0395234	0.642346	-1.55679	0.0643136	0.679498	-1.47168
cg16796951	C20orf152	0.0204136	0.012772	0.245092	-4.08011	0.862497	0.924226	-1.08199	0.0262835	0.301809	-3.31335	0.0439458	0.349108	-2.86444	0.00691024	0.204092	-4.89975
cg07211292	C20orf160	0.000275769	0.294538	0.755057	-1.3244	1.91E-05	0.105921	-9.44096	0.231672	0.723104	-1.38293	0.0154516	2.15519	2.15519	0.0235355	0.497077	-2.01176
cg11801374	C20orf160	0.000521909	0.646932	1.12541	1.12541	0.10325	0.633463	-1.57862	0.00231732	0.336196	-2.97446	0.00505688	0.386879	-2.58479	1.22E-05	0.0939475	-10.6442
cg23851359	C20orf160	0.000707486	0.850525	1.0486	1.0486	0.000298058	0.22746	-4.39637	0.617904	0.881172	-1.13485	0.555402	1.16188	1.16188	4.41E-05	0.142586	-7.01332
cg01175220	C20orf160	0.00134393	0.0493499	0.472612	-2.1159	0.279346	0.686757	-1.45612	0.00398947	0.27444	-3.64378	0.0240595	0.406943	-2.45735	0.00355642	0.267194	-3.74259
cg12084436	C20orf160	0.00195998	0.00364512	0.338868	-2.951	0.026498	0.484921	-2.06219	0.000561393	0.22953	-4.35673	0.390402	0.784931	-1.274	0.0121157	0.422931	-2.36445
cg02182210	C20orf160	0.00255632	0.454981	0.746682	-1.33926	0.000124947	0.0768515	-13.0121	0.177311	0.576727	-1.73392	0.0338244	2.58876	2.58876	0.590221	0.811652	-1.23205
cg23684807	C20orf160	0.00255676	0.881369	1.01956	1.01956	0.000400717	2.07619	2.07619	0.0800592	1.28653	1.28653	0.0212546	0.698214	-1.43223	0.00725963	0.638068	-1.56723
cg00599463	C20orf160	0.00397502	0.0154051	0.225451	-4.43555	0.00907185	0.189875	-5.26663	0.0044267	0.149125	-6.70577	0.11728	0.426386	-2.34529	0.00493812	0.154835	-6.45849
cg06575144	C20orf160	0.00441395	0.628105	0.825719	-1.21107	0.0033512	0.208864	-4.78781	0.303032	0.657998	-1.51976	0.294314	1.53225	1.53225	0.291883	0.651128	-1.5358
cg09685763	C20orf160	0.00443373	0.0020055	0.132509	-7.54667	0.0193115	0.269405	-3.71189	0.00530129	0.182076	-5.49222	0.589281	1.28743	1.28743	0.00108543	0.106953	-9.34988
cg22418307	C20orf160	0.0179839	0.638762	1.29601	1.29601	0.00146129	0.0804479	-12.4304	0.044048	0.281158	-3.55672	0.643287	1.29142	1.29142	0.249229	0.516634	-1.93561
cg00505073	C20orf165	3.43E-06	3.02E-05	0.198432	-5.03951	0.000599049	0.350125	-2.85613	0.000308265	0.313235	-3.19249	0.671125	1.08833	1.08833	9.78E-07	0.0777698	-12.8585
cg26114330	C20orf165	0.0001735	0.00100144	0.451804	-2.21335	0.00061037	0.423691	-2.36021	0.0131307	0.606401	-1.64907	0.00149125	0.474767	-2.1063	5.53E-06	0.188399	-5.30788
cg15741930	C20orf165	0.000607213	0.0173302	0.393155	-2.54352	0.000517043	0.174674	-5.72495	0.00479516	0.299464	-3.3393	0.0627007	0.509332	-1.96336	0.000185902	0.130961	-7.63584
cg25571019	C20orf165	0.0091603	0.0332477	0.711443	-1.40559	0.328266	1.14803	1.14803	0.779754	1.0391	1.0391	0.0952152	1.28505	1.28505	0.00435842	0.59389	-1.68381
cg21023770	C20orf165	0.014724	0.106614	0.442769	-2.25851	0.0903288	0.421877	-2.37036	0.151559	0.491393	-2.03503	0.425458	1.45695	1.45695	0.00159449	0.123098	-8.12363
cg01349621	C20orf166	0.00781199	0.00477293	0.15954	-6.26804	0.163204	0.482317	-2.07333	0.089913	0.400191	-2.4988	0.331026	0.611781	-1.63457	0.00943533	0.199498	-5.01258
cg00555025	C20orf166	0.00986513	0.671013	1.11105	1.11105	0.0670558	1.6585	1.6585	0.510993	1.17859	1.17859	0.985783	0.995618	-1.0044	0.14503	0.679947	-1.4707
cg11701615	C20orf166	0.0117597	0.415333	0.764537	-1.30798	0.229653	0.666002	-1.5015	0.317867	0.716814	-1.39506	0.311589	0.713493	-1.40156	0.00644806	0.319063	-3.13418
cg18321495	C20orf166	0.011872	0.869547	1.02179	1.02179	0.0489112	0.744604	-1.34299	0.0422736	0.735813	-1.35904	0.180392	0.829822	-1.20508	0.6047	1.07088	1.07088
cg05954273	C20orf166	0.0126426	0.0877401	0.473133	-2.11357	0.697532	0.856338	-1.16776	0.113469	0.504632	-1.98164	0.474319	0.74906	-1.33501	0.590383	0.805909	-1.24083
cg23364373	C20orf166	0.0490946	0.0151887	0.179725	-5.56407	0.0241115	0.212691	-4.70166	0.0598154	0.294567	-3.39481	0.321803	0.554846	-1.8023	0.0250638	0.215688	-4.63633
cg14126020	C20orf166;C20orf200	0.000215647	0.304527	0.799756	-1.25038	0.00617146	0.472077	-2.1183	7.43E-05	0.220361	-4.53802	0.12738	0.707208	-1.41401	5.69E-06	0.116645	-8.57305
cg20156391	C20orf166;C20orf200	0.00027443	0.000224528	0.385043	-2.59711	0.269949	1.19554	1.19554	0.0226973	0.654384	-1.52816	0.00482307	0.559146	-1.78844	1.29E-05	0.240477	-4.15841
cg19086599	C20orf166;C20orf200	0.00506544	0.561758	1.13244	1.13244	0.0924123	1.48086	1.48086	0.342167	1.23057	1.23057	0.11647	1.43563	1.43563	0.210286	1.32296	1.32296
cg11682508	C20orf166;C20orf200	0.00649619	0.153763	0.73393	-1.36253	0.178804	1.33552	1.33552	0.0725866	0.666456	-1.50047	0.212821	1.30445	1.30445	0.0780256	0.672575	-1.48682
cg26379383	C20orf166;C20orf200	0.0104232	0.0166264	0.711838	-1.40481	0.0388538	1.32046	1.32046	0.0515902	1.29371	1.29371	0.563336	1.07026	1.07026	0.525096	1.07772	1.07772
cg00596687	C20orf166;MIR1-1	0.000104641	0.701134	0.873163	-1.14526	0.132973	1.76852	1.76852	0.00287399	4.23005	4.23005	0.995611	0.998067	-1.00194	0.00173612	0.207831	-4.8116
cg11797130	C20orf166;MIR1-1	0.000490142	0.981209	0.994975	-1.00505	0.102251	1.46595	1.46595	0.986328	0.996342	-1.00367	0.688201	0.917332	-1.09012	0.0687757	0.646829	-1.546
cg02726814	C20orf166;MIR1-1	0.00715682	0.0538515	0.498695	-2.00523	0.0175038	0.398856	-2.50717	0.378673	1.33253	1.33253	0.137679	0.601624	-1.66217	0.0313653	0.448177	-2.23126
cg22754206	C20orf166;MIR1-1	0.00756807	0.0814175	0.679547	-1.47157	0.253375	1.26946	1.26946	0.673816	1.08836	1.08836	0.752648	1.06528	1.06528	0.0243573	0.584685	-1.71032
cg16150381	C20orf166;MIR1-1	0.0106743	0.990189	1.00485	1.00485	0.0253765	2.84591	2.84591	0.123273	1.92911	1.92911	0.790898	0.900699	-1.11025	0.151788	0.546442	-1.83002
cg27337176	C20orf166;MIR1-1	0.0354348	0.893553	0.938802	-1.06519	0.508577	1.37209	1.37209	0.0971765	2.36008	2.36008	0.862165	1.08543	1.08543	0.0649805	0.37626	-2.65774
cg07915635	C20orf166;MIR133A2	0.000128645	0.0940235	0.731046	-1.3679	0.00198489	0.475589	-2.10266	0.164423	0.776929	-1.28712	0.0823022	1.38749	1.38749	4.46E-05	0.268319	-3.7269
cg15423222	C20orf166;MIR133A2	0.00370696	0.0104165	0.334708	-2.98768	0.551956	1.22654	1.22654	0.526522	1.24328	1.24328	0.6415	0.852902	-1.17247	0.000210581	0.122124	-8.18843
cg12038641	C20orf166;MIR133A2	0.0237071	0.597931	0.785373	-1.27328	0.0196197	0.278055	-3.59641	0.701959	1.19071	1.19071	0.282127	1.66095	1.66095	0.0167005	0.265449	-3.7672
cg14943816	C20orf166;MIR133A2	0.0287087	0.0597003	0.558363	-1.79095	0.0104039	0.412796	-2.42251	0.0382338	0.517547	-1.93219	0.303954	0.746782	-1.33908	0.0327652	0.504089	-1.98378
cg04506202	C20orf166;MIR133A2	0.040873	0.811204	0.960828	-1.04077	0.123709	1.32102	1.32102	0.485234	1.12572	1.12572	0.0136657	1.66409	1.66409	0.0669749	0.709725	-1.409
cg08308510	C20orf173;C20orf173	0.000446975	0.206408	1.25014	1.25014	0.000108153	0.318797	-3.13679	0.0416794	0.674789	-1.48194	0.00279305	0.501414	-1.99436	0.888743	0.976824	-1.02373
cg26287609	C20orf173;C20orf173	0.00190404	0.050108	0.613561	-1.62983	0.379021	0.820895	-1.21818	0.00191987	0.38269	-2.61308	0.0836274	0.657889	-1.52001	0.0157041	0.523354	-1.91075
cg05009111	C20orf177	0.0302055	0.00983784	0.360597	-2.77318	0.0943624	0.562783	-1.77688	0.16219	0.627177	-1.59445	0.949158	0.980263	-1.02013	0.00448816	0.305943	-3.26859
cg21183502	C20orf177;PPP1R3D	1.87E-06	1.44E-06	5.7852	5.7852	8.37E-06	3.86979	3.86979	0.000196023	2.29908	2.29908	2.24E-05	3.21234	3.21234	0.00085945	1.91955	1.91955
cg00800993	C20orf177;PPP1R3D	0.0481829	0.0519823	35.339	35.339	0.771568	1.59903	1.59903	0.216272	8.15112	8.15112	0.0750821	24.437	24.437	0.271445	0.157863	-6.3346
cg25575984	C20orf185	0.00162674	0.548036	1.06804	1.06804	6.93E-05	2.19727	2.19727	0.103509	1.21267	1.21267	0.521256	0.932016	-1.07294	0.00932339	0.699669	-1.42925
cg20926651	C20orf185	0.00357573	0.0598698	0.698823	-1.43098	0.0513663	1.45415	1.45415	0.000553681	0.404661	-2.47121	0.343301	0.84808	-1.17913	0.00284873	0.499995	-2.00002
cg10499901	C20orf185	0.0151475	0.00936574	0.275285	-3.63259	0.0553771	2.34001	2.34001	0.406931	1.39391	1.39391	0.749935	1.13336	1.13336	0.0302164	0.368758	-2.7118
cg15055060	C20orf185	0.0256668	0.00483656	0.201805	-4.95527	0.206363	1.76963	1.76963	0.304199	0.634013	-1.57725	0.317147	0.642214	-1.55711	0.0134432	0.269658	-3.7084
cg05890956	C20orf186	0.000275157	0.00219629	0.344098	-2.90615	0.00037235	0.243025	-4.1148	0.278662	0.755892	-1.32294	0.451653	0.826528	-1.20988	1.54E-05	0.108295	-9.23407
cg16483466	C20orf186	0.00167519	0.0159689	0.294333	-3.39751	0.0149163	0.289067	-3.45941	0.438624	0.720725	-1.38749	0.789548	1.11728	1.11728	0.000684107	0.116425	-8.58919
cg21519900	C20orf186	0.0476153	0.0333849	0.207439	-4.8207	0.0152821	0.151933	-6.58186	0.253003	0.469843	-2.12837	0.160069	0.386884	-2.58476	0.0153348	0.152145	-6.5727
cg17110299	C20orf194	5.18E-05	0.0996943	1.32451	1.32451	0.00861975	1.68498	1.68498	0.00223095	1.94854	1.94854	0.73956	0.94936	-1.05334	1.17E-05	0.235397	-4.24814
cg15863924	C20orf194	0.00133188	0.00721474	2.69765	2.69765	0.272447	1.38669	1.38669	0.727262	0.904646	-1.1054	0.00016626	6.27005	6.27005	0.0003206	5.29384	5.29384
cg04125300	C20orf194	0.00207984	0.647367	1.05099	1.05099	0.140884	1.18651	1.18651	0.313434	1.11916	1.11916	0.583985	1.06153	1.06153	0.960217	1.0054	1.0054
cg19472079	C20orf194	0.00347233	0.000303735	0.271669	-3.68095	0.315279	1.25925	1.25925	0.845713	0.957672	-1.0442	0.535075	0.869835	-1.14964	0.0844354	1.52766	1.52766
cg01180513	C20orf194	0.0459681	0.88981	1.11266	1.11266	0.311811	2.24778	2.24778	?	?	?	0.378204	2.01168	2.01168	0.535926	0.61655	-1.62193
cg04602939	C20orf195	0.000677107	0.1064	0.720128	-1.38864	0.0161444	0.578053	-1.72994	0.000209142	0.315018	-3.17442	0.568733	0.898288	-1.11323	0.00282956	0.465034	-2.15038
cg24274117	C20orf195	0.000753489	0.915168	1.02384	1.02384	0.279137	0.779757	-1.28245	0.24867	0.76598	-1.30552	0.162229	0.718988	-1.39084	0.327589	0.799772	-1.25036
cg06661994	C20orf195	0.00300551	0.0143523	0.530706	-1.88428	0.00334396	0.432508	-2.3121	0.000209068	0.271979	-3.67676	0.971355	1.00757	1.00757	0.0142895	0.530393	-1.8854
cg27570253	C20orf195	0.0058936	0.0138336	0.317861	-3.14603	0.223684	0.617766	-1.61874	0.00881255	0.284647	-3.51312	0.157678	1.76686	1.76686	0.00836032	0.280949	-3.55936
cg12372745	C20orf195	0.0204367	0.075415	0.674419	-1.48276	0.0148876	1.81488	1.81488	0.120777	0.715452	-1.39772	0.384729	1.19405	1.19405	0.0219569	0.57871	-1.72798
cg00264500	C20orf195	0.0403263	0.271595	0.71302	-1.40249	0.743159	0.907394	-1.10206	0.164807	0.645345	-1.54956	0.81063	1.07352	1.07352	0.00279366	0.295866	-3.37991
cg14281535	C20orf195;C20orf195	0.0282123	0.0831082	0.393668	-2.54021	0.211238	1.89644	1.89644	0.967641	0.980483	-1.01991	0.0611617	2.78757	2.78757	0.0404736	0.316708	-3.15749
cg26482164	C20orf197	0.0194632	0.601379	0.839716	-1.19088	0.00318518	0.263207	-3.79929	0.010932	0.346945	-2.8823	0.019301	0.391463	-2.55452	0.00553973	0.298799	-3.34673
cg09900436	C20orf197	0.0497185	0.0192983	0.185864	-5.38027	0.0355104	0.233297	-4.28637	0.0144289	0.166491	-6.00634	0.106249	0.350313	-2.85459	0.0213403	0.19302	-5.18081
cg25531857	C20orf199;C20orf199;C20orf199	0.00224621	0.356699	0.795748	-1.25668	0.0274874	1.87469	1.87469	0.352745	1.25919	1.25919	0.103898	1.53507	1.53507	0.00146423	3.026	3.026
cg01188753	C20orf199;C20orf199;SNORD12;C20orf199	0.0247061	0.763044	1.14483	1.14483	0.163287	0.513971	-1.94563	0.162923	1.9469	1.9469	0.165663	1.93742	1.93742	0.00496342	5.2796	5.2796
cg10177030	C20orf199;C20orf199;SNORD12;C20orf199	0.0493873	0.403656	0.694577	-1.43973	0.39976	1.4443	1.4443	0.0575999	2.49858	2.49858	0.897986	1.05623	1.05623	0.016899	3.4654	3.4654
cg20959960	C20orf199;C20orf199;SNORD12C;ZNFX1;ZNFX1;C20orf199	0.00126479	0.929483	1.02619	1.02619	0.0782199	0.564672	-1.77094	0.160173	1.55008	1.55008	0.128682	1.6155	1.6155	0.0119709	2.49879	2.49879
cg23958863	C20orf199;C20orf199;ZNFX1;SNORD12C;C20orf199	0.000480486	0.221974	1.20322	1.20322	0.69684	0.945136	-1.05805	0.879264	1.02215	1.02215	0.877122	0.977947	-1.02255	1.31E-05	0.267915	-3.73253
cg20907517	C20orf199;C20orf199;ZNFX1;SNORD12C;C20orf199	0.00432428	0.0136789	0.765702	-1.30599	0.333842	0.916433	-1.09119	0.00461711	1.39094	1.39094	0.557343	1.05333	1.05333	0.917355	0.990954	-1.00913
cg15286784	C20orf199;SNORD12C;C20orf199;C20orf199;ZNFX1	0.0126423	0.411887	0.896324	-1.11567	0.819902	1.0302	1.0302	0.421678	1.11302	1.11302	0.726496	1.04688	1.04688	0.0380581	0.730748	-1.36846
cg07513820	C20orf199;SNORD12C;C20orf199;ZNFX1;C20orf199	6.28E-05	0.11096	0.815044	-1.22693	0.0307906	0.741758	-1.34815	0.270286	1.14475	1.14475	0.155776	0.836226	-1.19585	0.179059	0.845268	-1.18306
cg26221280	C20orf199;SNORD12C;C20orf199;ZNFX1;C20orf199	0.0268822	0.00266428	0.331498	-3.01661	0.295247	1.33439	1.33439	0.0391276	1.88603	1.88603	0.124808	1.5552	1.5552	0.179828	1.46023	1.46023
cg04359004	C20orf20	0.00373658	0.0964723	1.21018	1.21018	0.0011564	1.64707	1.64707	0.0178136	1.35137	1.35137	0.447777	0.92231	-1.08423	0.0156411	1.36312	1.36312
cg04788221	C20orf20	0.00520439	0.00113049	0.22045	-4.53618	0.0197932	0.441072	-2.2672	0.327753	0.758259	-1.31881	0.386374	0.784564	-1.27459	0.00494616	0.324968	-3.07723
cg12695615	C20orf20	0.0438652	0.693208	1.26104	1.26104	0.592296	1.3722	1.3722	?	?	?	?	?	?	0.325951	1.81436	1.81436
cg08579011	C20orf200	1.64E-05	0.130432	0.846601	-1.18119	0.00150121	0.627224	-1.59433	0.224412	0.878001	-1.13895	0.0318452	0.773785	-1.29235	2.56E-07	0.209604	-4.77091
cg03640203	C20orf200	0.00266946	0.229928	0.817362	-1.22345	0.570955	1.09602	1.09602	0.000279111	0.386071	-2.5902	0.0215836	0.642898	-1.55546	0.00277391	0.51657	-1.93585
cg13193179	C20orf200	0.00293538	0.00135533	0.401431	-2.49109	0.00273964	0.444358	-2.25044	0.27982	1.24658	1.24658	0.0305003	1.64671	1.64671	0.00588471	0.493102	-2.02798
cg13115957	C20orf202	0.00427609	0.0114129	0.518	-1.9305	0.0525882	0.632656	-1.58064	0.00387636	0.445681	-2.24376	0.436079	0.847832	-1.17948	0.00466541	0.457689	-2.18489
cg09606034	C20orf202	0.0113352	0.0165308	0.304541	-3.28363	0.0083111	0.254156	-3.93459	0.0034597	0.199545	-5.01141	0.461255	0.73745	-1.35602	0.0116721	0.278129	-3.59545
cg08635403	C20orf202	0.0121729	0.00907515	0.207507	-4.81911	0.0880349	0.409485	-2.44209	0.179158	0.50824	-1.96758	0.0738114	0.38862	-2.5732	0.00151009	0.11442	-8.73971
cg15266100	C20orf202	0.01447	0.536477	0.809129	-1.2359	0.00450135	0.277694	-3.60109	0.0555545	0.479927	-2.08365	0.705652	1.137	1.137	0.00758867	0.312901	-3.19589
cg00698332	C20orf24;C20orf24;C20orf24	0.000393784	6.80E-05	0.558122	-1.79172	0.00045105	0.642392	-1.55668	0.0199432	0.798694	-1.25204	0.00199932	0.705338	-1.41776	0.633363	0.962278	-1.0392
cg19562969	C20orf24;C20orf24;C20orf24	0.000535034	0.00655295	0.34574	-2.89234	0.0222095	0.438514	-2.28043	0.0201127	0.430343	-2.32373	0.141823	0.621885	-1.60801	8.42E-05	0.119244	-8.38619
cg11316100	C20orf24;C20orf24;C20orf24	0.00201224	0.0731568	0.498127	-2.00752	0.201492	0.624753	-1.60063	0.122174	0.55754	-1.79359	0.31133	1.44092	1.44092	0.00190724	0.215786	-4.63423
cg03076771	C20orf24;C20orf24;C20orf24	0.00283438	0.00187397	0.199291	-5.01779	0.0340209	0.404551	-2.47188	0.0459087	0.433076	-2.30907	0.790615	0.907259	-1.10222	0.000260046	0.111128	-8.99859
cg23634322	C20orf24;C20orf24;C20orf24	0.00579864	0.00551725	0.165781	-6.03204	0.00266455	0.12915	-7.74295	0.0615946	0.354405	-2.82163	0.287693	0.580511	-1.72262	0.0019481	0.115476	-8.65984

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12225835	0.6787	0.883833	-1.13144	0.0322328	2.10328	2.10328	0.621103	1.15917	1.15917	0.775443	0.918709	-1.08848	3.47372	4.83494	1.23721	1
cg14051886	0.0185346	1.22316	1.22316	0.901297	1.00879	1.00879	0.326658	1.07405	1.07405	0.0343586	1.19019	1.19019	8.70219	0.685849	0.0700563	1
cg11035100	0.0726038	1.56364	1.56364	0.35348	1.23745	1.23745	0.63871	1.1113	1.1113	0.0176854	0.525247	-1.90387	4.10301	3.23626	0.701114	1
cg15274983	0.144531	0.633958	-1.57739	8.03E-07	0.0213961	-46.7375	0.0977386	1.69608	1.69608	0.125187	0.617152	-1.62035	24.5595	32.8932	1.19052	1
cg01844321	0.589892	1.10512	1.10512	0.118494	0.732481	-1.36522	0.0305438	0.62696	-1.595	0.00106292	2.43235	2.43235	9.33715	4.98997	0.475041	1
cg05628702	0.102891	2.28055	2.28055	0.109143	0.446121	-2.24155	0.592385	1.28363	1.28363	0.0651242	2.60331	2.60331	4.11208	13.9025	3.00525	1
cg16144843	0.161484	1.59646	1.59646	0.444213	1.27638	1.27638	0.0449885	2.05397	2.05397	0.358429	1.34373	1.34373	3.51653	5.45135	1.37796	1
cg27250037	0.265902	1.25815	1.25815	0.0360047	1.62118	1.62118	0.000497611	2.94263	2.94263	0.101475	0.701039	-1.42645	8.33003	5.17677	0.552408	1
cg20445518	0.00666853	1.38872	1.38872	0.000485748	1.66558	1.66558	0.834679	0.980692	-1.01969	0.629652	0.955683	-1.04637	8.06287	1.11136	0.122521	1
cg13619349	0.0694043	1.07709	1.07709	0.000712203	1.20741	1.20741	0.00807687	0.883348	-1.13206	0.00268391	0.859242	-1.16382	11.0744	0.234458	0.0188188	1
cg09227119	0.0307472	0.561353	-1.78141	0.00648654	0.446995	-2.23716	0.0988209	0.662434	-1.50959	0.239278	0.755459	-1.3237	5.92159	4.8563	0.728978	1
cg18062064	0.8394	0.945134	-1.05805	0.0342624	0.503157	-1.98745	0.375551	0.776547	-1.28775	0.00998699	0.404701	-2.47096	3.67715	4.50353	1.08865	1
cg01488865	0.188905	1.2022	1.2022	3.78E-06	0.193871	-5.15807	0.0319457	0.713199	-1.40213	8.43E-05	0.358892	-2.78635	35.3179	9.4157	0.207354	1
cg04229650	0.401888	0.66964	-1.49334	0.0183032	0.262255	-3.81309	0.238513	0.56155	-1.78078	0.0383748	0.325779	-3.06956	3.97915	13.7687	3.07575	1
cg12288076	0.834699	1.03427	1.03427	0.907487	0.981429	-1.01892	0.0150541	1.61901	1.61901	0.0181696	1.58803	1.58803	11.7066	4.82109	0.366069	1
cg24550212	0.354967	0.652979	-1.53144	0.0104131	0.235786	-4.24113	0.446217	0.706259	-1.41591	0.595191	0.786476	-1.27149	6.11215	19.4203	2.82429	1
cg03162092	0.866173	0.9715	-1.02934	0.255961	1.22542	1.22542	0.249325	0.813506	-1.22925	0.67372	0.929977	-1.0753	4.70229	2.18854	0.413707	1
cg17801864	0.135266	1.77565	1.77565	0.324275	0.695566	-1.43768	0.0121376	0.327946	-3.04928	0.0492141	0.449072	-2.22681	4.67843	9.42325	1.79039	1
cg08317207	0.904965	0.973188	-1.02755	0.703348	0.916624	-1.09096	0.729285	1.08226	1.08226	0.385654	1.2243	1.2243	10.1704	8.3399	0.728903	1
cg13368423	0.581777	1.1783	1.1783	0.196735	1.49565	1.49565	0.411508	1.28105	1.28105	0.580313	0.848126	-1.17907	3.66715	5.05256	1.2247	1
cg24871845	0.736571	0.860401	-1.16225	0.000148551	0.054831	-18.2379	0.409907	1.45543	1.45543	0.0264358	0.309729	-3.22863	7.00032	21.9876	2.79195	1
cg24780445	0.337314	1.43464	1.43464	0.0441893	0.430218	-2.3244	0.533426	0.794423	-1.25877	0.70015	0.868324	-1.15164	5.18052	10.9222	1.87406	1
cg24682316	3.41E-05	0.268582	-3.72325	0.155007	0.853974	-1.171	0.512684	0.935739	-1.06867	0.200763	1.14901	1.14901	35.0494	5.00473	0.0793282	1
cg02480104	0.441345	0.652553	-1.53244	0.00100595	0.070363	-14.212	0.0628838	0.320543	-3.11971	0.79973	0.870912	-1.14822	4.17162	19.5301	4.16148	1
cg23166392	0.0143073	0.491915	-2.03287	0.181499	0.716658	-1.39537	0.0941637	1.54069	1.54069	0.230672	0.744275	-1.34359	8.43006	7.36567	0.776657	1
cg09868035	0.800698	0.935968	-1.06841	0.373604	1.2699	1.2699	0.0569921	1.7567	1.7567	0.590144	1.15287	1.15287	5.23581	5.67505	0.96346	1
cg17717750	0.0319048	1.63013	1.63013	0.836148	1.04107	1.04107	0.281998	1.24269	1.24269	0.678629	0.922217	-1.08434	11.4628	6.85695	0.531725	1
cg10588425	0.416494	0.801161	-1.24819	0.00705389	0.394674	-2.53373	0.462046	0.81883	-1.22125	0.0412609	0.533373	-1.87486	6.82241	7.70093	1.00335	1
cg27272402	0.000485143	0.329794	-3.03219	0.00341542	0.446265	-2.24082	0.365289	0.828075	-1.20762	0.22356	0.771563	-1.29607	6.35443	4.13925	0.579018	1
cg11861097	0.449198	1.12358	1.12358	0.022802	1.50936	1.50936	0.547543	0.912142	-1.09632	0.443831	0.888734	-1.1252	11.2558	4.06973	0.321393	1
cg13672800	0.478624	0.865045	-1.15601	0.0489643	1.57216	1.57216	0.563299	0.889052	-1.12479	0.0378199	0.61586	-1.62375	7.35687	4.71964	0.570247	1
cg01265637	0.415358	0.922805	-1.08365	0.63402	1.04737	1.04737	0.079482	0.828749	-1.20664	0.161306	0.865581	-1.15529	25.6724	3.7861	0.131091	1
cg18157896	0.0138694	0.305307	-3.27539	0.000701133	0.133118	-7.51212	0.0277421	0.362318	-2.76	0.0872862	0.478693	-2.08902	8.75533	21.1148	2.14369	1
cg02594500	0.0579975	0.567812	-1.76114	0.087993	1.64424	1.64424	0.0349124	0.522437	-1.91411	0.882635	0.961736	-1.03979	5.88375	6.50009	0.982002	1
cg01143454	0.0921161	0.42362	-2.36061	0.00243871	0.141693	-7.05751	0.30432	0.610897	-1.63694	0.180216	0.517228	-1.93338	4.2535	14.4575	3.0213	1
cg09675069	0.286767	1.16965	1.16965	0.000494964	0.461851	-2.1652	0.0618541	0.742369	-1.34704	0.38223	1.13536	1.13536	5.03236	1.59955	0.282537	1
cg13890714	0.43606	0.756653	-1.32161	0.00218512	0.221312	-4.51851	0.00539429	0.27653	-3.61625	0.912916	0.962337	-1.03914	4.29349	8.37426	1.73374	1
cg04038759	0.081983	0.505454	-1.97842	0.0227735	0.38101	-2.6246	0.00656924	0.286569	-3.48956	0.443876	0.758535	-1.31833	4.04652	8.03308	1.76461	1
cg21078065	0.0189369	0.373081	-2.68039	0.315893	1.43298	1.43298	0.0536361	0.467526	-2.13892	0.171596	0.603545	-1.65688	3.84217	7.32437	1.6945	1
cg00334976	0.0214712	1.8922	1.8922	0.014578	2.00273	2.00273	0.723026	1.08562	1.08562	0.26734	0.765859	-1.30572	3.73071	3.14884	0.750251	1
cg07704824	0.294817	1.24993	1.24993	0.153371	0.729438	-1.37092	0.081306	0.669673	-1.49327	0.167459	0.738285	-1.35449	3.90752	2.52585	0.502762	1
cg13236107	0.00753679	0.527731	-1.8949	0.0256094	0.610825	-1.63713	0.0295997	0.621199	-1.60979	0.0143528	0.570577	-1.75261	5.51081	3.01601	0.48648	1
cg16796951	0.0137221	0.250289	-3.99538	0.00689722	0.203975	-4.90255	0.150881	0.496709	-2.01325	0.078453	0.411268	-2.4315	4.67192	15.288	2.90872	1
cg07211292	0.00799191	0.415384	-2.40741	0.000127721	0.178696	-5.59611	0.344566	1.28609	1.28609	0.263	0.739645	-1.352	16.8333	17.8061	0.940255	1
cg11801374	0.162582	1.46508	1.46508	0.718217	1.09728	1.09728	0.646144	0.888313	-1.12573	0.0423051	0.549268	-1.82061	14.1214	14.6782	0.923933	1
cg23851359	0.605417	0.877134	-1.14008	0.00744799	0.420253	-2.37952	0.602161	0.876077	-1.14145	0.00229216	0.34221	-2.92219	12.9722	13.0002	0.890806	1
cg01175220	0.0034027	0.264443	-3.78154	8.44E-05	0.0942346	-10.6118	0.000890413	0.189579	-5.27484	0.051685	0.477166	-2.09571	10.8156	19.122	1.57156	1
cg12084436	0.45744	1.23147	1.23147	0.000186926	0.176387	-5.66936	0.130097	0.637698	-1.56814	0.595512	0.862929	-1.15884	9.69883	11.6297	1.06585	1
cg02182210	0.0601278	0.4431	-2.25682	0.0071978	0.264058	-3.78705	0.069254	2.18191	2.18191	0.993336	0.996799	-1.00321	8.97299	20.9394	2.07432	1
cg23684807	0.487592	0.912567	-1.09581	0.0203706	0.69579	-1.43722	0.0575412	0.756807	-1.32134	0.388561	1.12147	1.12147	8.97253	2.39179	0.23695	1
cg00599463	0.0791304	0.376562	-2.65561	0.000284407	0.051301	-19.4928	0.0102779	0.197806	-5.05547	0.0250614	0.263049	-3.80157	7.86733	31.2787	3.53401	1
cg06575144	0.0966633	0.488949	-2.0452	0.00987445	0.278276	-3.59355	0.000786955	7.3234	7.3234	0.73701	1.14137	1.14137	7.62222	18.5808	2.16686	1
cg09685763	0.188776	0.524458	-1.90673	0.00381818	0.163986	-6.09808	0.0154938	0.252477	-3.96076	0.118402	0.455761	-2.19413	7.61189	25.9017	3.02471	1
cg22418307	0.115777	0.391613	-2.55354	0.0539698	0.301295	-3.319	0.0211804	0.218785	-4.5707	0.014143	0.190052	-5.26172	4.8766	23.2266	4.23366	1
cg00505073	1.06E-05	0.155165	-6.44473	4.66E-07	0.0601002	-16.6389	0.00592406	0.48999	-2.04086	6.84E-05	0.236163	-4.23436	53.4969	33.2782	0.55294	1
cg26114330	0.816977	1.03842	1.03842	0.0173624	0.624277	-1.60185	0.966449	0.993183	-1.00686	0.00275112	0.510707	-1.95807	19.0919	7.9982	0.372383	1
cg15741930	0.000703736	0.18945	-5.27845	0.000235182	0.140302	-7.12747	0.880958	1.04945	1.04945	0.0100349	0.351042	-2.84867	13.5387	22.2486	1.46074	1
cg25571019	0.027027	0.698965	-1.43069	0.65772	1.0629	1.0629	0.498222	1.09863	1.09863	0.00237063	0.559983	-1.78577	6.07821	1.80162	0.263472	1
cg21023770	0.686449	1.20642	1.20642	0.00189223	0.130546	-7.66012	0.338512	0.633676	-1.57809	0.18868	0.525187	-1.90408	5.21258	17.6526	3.01025	1
cg01349621	0.265929	0.566692	-1.76463	0.00154081	0.107316	-9.31828	0.00114154	0.0959775	-10.4191	0.0952699	0.407391	-2.45464	6.39176	24.2984	3.37913	1
cg00555025	0.392803	1.24081	1.24081	0.0196941	0.49941	-2.00236	0.000441344	0.254693	-3.9263	0.314287	0.773766	-1.29238	5.93633	5.71134	0.855199	1
cg11701615	0.0514795	0.489236	-2.044	0.00274221	0.263663	-3.79271	0.00104134	0.208981	-4.78512	0.995495	1.00182	1.00182	5.61017	9.23971	1.46396	1
cg18321495	0.126338	1.2422	1.2422	0.00513773	0.615876	-1.6237	0.00328466	0.591355	-1.69103	0.0162357	0.680102	-1.47037	5.59291	1.52339	0.242114	1
cg05954273	0.759576	0.885244	-1.12963	0.00050818	0.115712	-8.64216	0.00331707	0.20434	-4.8938	0.0459509	0.403189	-2.48023	5.47976	13.6849	2.21986	1
cg23364373	0.174815	0.435795	-2.29466	0.0344493	0.24182	-4.13531	0.0153441	0.180399	-5.54328	0.292185	0.533139	-1.87568	3.41172	17.8974	4.66298	1
cg14126020	0.0803317	0.66521	-1.50328	0.0414913	0.610169	-1.63889	0.0938874	0.679025	-1.4727	0.823452	1.04808	1.04808	17.9995	12.5884	0.621669	1
cg20156391	0.0719762	1.36652	1.36652	0.0718738	0.731686	-1.36671	0.875467	0.975912	-1.02468	0.892501	0.979198	-1.02124	16.8557	6.45271	0.340285	1
cg19086599	0.000307786	0.288813	-3.46245	0.0323584	0.587918	-1.70092	0.37751	0.825337	-1.21163	0.0310235	0.584653	-1.71042	7.30951	5.2027	0.632685	1
cg11682508	0.0255321	1.71178	1.71178	0.00495518	0.470628	-2.12482	0.00153034	0.396986	-2.51898	0.724304	0.930778	-1.07437	6.7706	4.39986	0.577642	1
cg26379383	0.263755	0.873367	-1.14499	0.00395509	0.637314	-1.56908	0.0128523	0.698326	-1.432	0.958791	1.00602	1.00602	5.83265	1.24786	0.190172	1
cg00596687	0.0141344	0.344691	-2.90115	3.47E-05	0.0598601	-16.7056	2.32E-05	0.051055	-19.5867	0.0227149	0.383209	-2.60954	21.8734	42.8553	1.74155	1
cg11797130	0.0652859	0.642358	-1.55676	4.22E-05	0.188943	-5.29261	6.14E-05	0.20568	-4.86191	0.0568904	0.630705	-1.58553	14.3697	10.4121	0.644079	1
cg02726814	0.497116	0.80322	-1.24499	0.000740413	0.196207	-5.09666	0.00193557	0.248033	-4.03172	0.0495807	0.490629	-2.0382	6.56954	10.5114	1.42225	1
cg22754206	0.124673	0.717139	-1.39443	0.00121781	0.387956	-2.57761	0.00123277	0.388682	-2.5728	0.728149	0.932585	-1.07229	6.45571	4.09033	0.563199	1
cg16150381	0.0105556	0.281946	-3.54678	0.373109	0.697783	-1.43311	0.00120933	0.154865	-6.45725	0.295521	0.65251	-1.53254	5.78823	14.199	2.18052	1
cg27337176	0.29697	0.600461	-1.66539	0.0123664	0.230151	-4.34498	0.00557951	0.179598	-5.56798	0.345778	0.632538	-1.58093	3.84988	13.567	3.13246	1
cg07915635	0.386123	1.1632	1.1632	0.623544	1.08782	1.08782	1.19E-05	0.206641	-4.8393	0.00190822	0.473252	-2.11304	20.6948	9.48909	0.407578	1
cg15423222	0.00196076	0.226464	-4.41571	0.470736	1.28271	1.28271	0.213506	0.641154	-1.55969	0.113152	0.55709	-1.79504	8.03427	14.6509	1.62093	1
cg12038641	0.0846866	0.420785	-2.37651	0.203249	0.54352	-1.83986	0.00261361	0.150733	-6.63423	0.074116	0.405156	-2.46819	4.43822	14.4856	2.90119	1
cg14943816	0.199131	1.45075	1.45075	0.0373096	0.515392	-1.94027	0.011502	0.420244	-2.37957	0.493893	0.826522	-1.20989	4.15102	4.94449	1.0588	1
cg04506202	0.677671	0.932584	-1.07229	0.971928	1.00589	1.00589	0.0129219	0.597326	-1.67413	0.276408	1.2081	1.2081	3.65392	1.61358	0.392535	1
cg08308510	0.00229328	0.489646	-2.04229	7.21E-05	0.297929	-3.35651	0.405084	1.15339	1.15339	0.584565	0.911659	-1.0969	14.7412	6.55189	0.395076	1
cg26287609	0.000144183	0.238846	-4.18681	0.000906689	0.3378	-2.96033	0.459811	0.848253	-1.17889	0.00540369	0.448987	-2.22723	9.78087	7.40793	0.673235	1
cg05009111	0.871175	1.05204	1.05204	0.0202582	0.416833	-2.39904	0.804737	0.925489	-1.08051	0.0301964	0.450791	-2.21832	4.07693	6.31001	1.37576	1
cg21183502	1.36E-06	5.87786	5.87786	1.95E-07	10.4978	10.4978	3.25E-06	4.74541	4.74541	0.000389385	2.10581	2.10581	93.3191	21.4466	0.178749	1
cg00800993	0.0841449	21.784	21.784	0.00647009	301.393	301.393	0.0206707	89.3992	89.3992	0.595435	2.37288	2.37288	3.43603	141.488	36.6025	1
cg25575984	0.296959	0.889497	-1.12423	0.00776067	1.44809	1.44809	0.14161	1.18667	1.18667	0.993441	0.99911	-1.00089	10.2373	1.9014	0.165095	1
cg20926651	0.539391	1.11057	1.11057	0.00475597	0.53113	-1.88278	0.736288	1.05871	1.05871	0.0730855	0.713626	-1.40129	8.12158	3.66441	0.401061	1
cg10499901	0.507091	0.76837	-1.30146	0.0152514	0.311469	-3.21059	0.169357	0.563749	-1.77384	0.00773638	0.262036	-3.81626	5.16395	12.5343	2.15757	1
cg15055060	0.626938	0.810786	-1.23337	0.0155475	0.280635	-3.56335	0.269348	0.611038	-1.63656	0.022103	0.308759	-3.23878	4.31746	12.5396	2.58169	1
cg05890956	0.0573608	1.70592	1.70592	0.022472	0.50701	-1.97235	0.00142495	0.317753	-3.14709	0.89868	0.968846	-1.03216	16.8435	16.4665	0.868992	1
cg16483466	0.0210984	0.316695	-3.15761	0.000281869	0.0853733	-11.7133	0.000688614	0.116682	-8.57032	0.0463305	0.388221	-2.57585	10.1509	27.629	2.41941	1
cg21519900	0.102321	0.322665	-3.09919	0.011669	0.136138	-7.34548	0.0420967	0.227256	-4.40033	0.249344	0.466856	-2.14199	3.45144	21.8809	5.63523	1
cg17110299	0.0471803	1.42442	1.42442	2.27E-05	0.266604	-3.75089	0.211823	1.22737	1.22737	0.0382094	0.68786	-1.45378	26.3801	10.1372	0.341579	1
cg15863924	0.407068	1.27472	1.27472	0.155294	0.647118	-1.54531	0.186191	0.669573	-1.49349	0.0730254	1.77226	1.77226	10.8436	14.0673	1.15315	1
cg04125300	0.362242	0.903827	-1.10641	3.75E-05	0.425208	-2.35179	0.977672	1.00303	1.00303	0.0454383	1.28114	1.28114	9.53247	1.76019	0.164135	1
cg19472079	0.240985	1.31324	1.31324	0.346737	1.23999	1.23999	0.0107457	2.0372	2.0372	0.0110903	0.493111	-2.02794	8.19324	6.39522	0.69382	1
cg01180513	0.756297	0.786753	-1.27105	0.476139	1.74955	1.74955	0.00207234	0.0292161	-34.2277	0.225624	2.68402	2.68402	3.85655	31.5173	7.15085	1
cg04602939	0.691393	1.07713	1.07713	5.37E-05	0.245877	-4.06708	0.28728	1.22845	1.22845	0.0252659	0.609336	-1.64113	13.1327	7.21258	0.488186	1
cg24274117	0.000363752	3.53688	3.53688	0.710408	1.08595	1.08595	3.63E-05	5.80538	5.80538	0.467922	1.17738	1.17738	12.7449	9.86653	0.688137	1
cg06661994	0.892187	1.02887	1.02887	0.00278213	0.420839	-2.3762	0.450585	0.850996	-1.17509	0.0667604	0.649596	-1.53942	8.55349	5.96789	0.620191	1
cg27570253	0.946211	1.02575	1.02575	0.00285486	0.212953	-4.69588	0.00384632	0.23047	-4.33896	0.0172341	0.335127	-2.98394	6.97757	15.6867	1.99836	1
cg12372745	0.00724559	0.501845	-1.99265	0.775163	0.944604	-1.05864	0.553512	0.887563	-1.12668	0.102531	0.700801	-1.42694	4.67012	2.92916	0.557523	1
cg00264500	0.543509	0.83382	-1.1993	0.0463215	0.509366	-1.96323	0.10342	0.590729	-1.69282	0.00978921	0.380876	-2.62553	3.67213	5.08001	1.22969	1
cg14281535	0.864113	0.92014	-1.08679	0.575211	0.759492	-1.31667	0.00544588	5.91	5.91	0.0925988	2.45782	2.45782	4.17665	15.617	3.32366	1
cg26482164	0.107593	0.558784	-1.7896	0.0485237	0.473829	-2.11046	0.102445	0.553069	-1.80809	0.101661	0.55218	-1.81101	4.7482	8.2599	1.5463	1
cg09900436	0.466062	0.643348	-1.55437	0.167701	0.417119	-2.39739	0.0471008	0.258964	-3.86154	0.0402149	0.244281	-4.09365	3.39541	19.0136	4.9776	1
cg25531857	0.00449804	2.49118	2.49118	0.0020235	0.350172	-2.85574	0.113552	1.51437	1.51437	0.0462761	0.576794	-1.73372	9.32041	8.57478	0.817778	1
cg01188753	0.0916164	2.29535	2.29535	0.0130394	0.252138	-3.96608	0.411643	1.45574	1.45574	0.602196	0.790379	-1.26522	4.37518	13.865	2.81689	1
cg10177030	0.0331284	2.89307	2.89307	0.285229	0.622897	-1.6054	0.800516	1.11403	1.11403	0.0502113	0.385936	-2.5911	3.40404	9.80567	2.56053	1
cg20959960	0.452538	1.2505	1.2505	8.84E-05	0.128554	-7.77882	0.0193052	2.28543	2.28543	0.0192334	2.287	2.287	11.0052	14.8713	1.20115	1
cg23958863	0.0920604	0.765466	-1.30639	0.00999399	0.62577	-1.59803	0.175711	0.812603	-1.23061	0.000402343	0.444386	-2.25029	14.4491	4.75346	0.292425	1
cg20907517	0.88865	1.01234	1.01234	0.00654836	0.734008	-1.36238	0.0219612	0.786146	-1.27203	0.0018945	0.680178	-1.4702	7.66975	0.931044	0.107904	1
cg15286784	0.030492	0.717705	-1.39333	0.000590428	0.500397	-1.99841	0.107581	1.25746	1.25746	0.885839	1.01892	1.01892	5.4798	1.47697	0.239582	1
cg07513820	4.90E-06	0.292821	-3.41506	5.36E-06	0.297067	-3.36624	0.446619	0.91269	-1.09566	0.54181	1.07544	1.07544	25.0588	5.50467	0.195262	1
cg26221280	0.265881	1.36086	1.36086	0.636972	0.881316	-1.13467	0.398671	0.794815	-1.25815	0.299895	0.751628	-1.33044	4.24817	4.75217	0.994346	1
cg04359004	0.888927	1.01471	1.01471	0.496213	0.930326	-1.07489	0.376095	1.0996	1.0996	0.000333802	1.83128	1.83128	8.0151	1.38705	0.153826	1
cg04788221	0.0863492	1.70289	1.70289	0.21474	1.43383	1.43383	?	?	?	0.0322195	2.05616	2.05616	10.4074	10.2334	0.737462	1
cg12695615	0.132187	0.382506	-2.61434	?	?	?	0.115151	0.362638	-2.75757	0.00502118	0.103234	-9.68676	4.08468	14.4245	4.11992	1
cg08579011	0.00541519	1.45233	1.45233	0.233403	1.13584	1.13584	0.763858	1.03119	1.03119	0.000881071	0.601532	-1.66242	35.6613	5.87043	0.146326	1
cg03640203	0.129003	0.769015	-1.30036	0.00305178	0.522214	-1.91492	0.00510131	0.552924	-1.80857	0.00944132	0.590547	-1.69334	8.8591	3.59657	0.360867	1
cg13193179	0.791685	1.0533	1.0533	0.0233126	0.587548	-1.70199	0.66182	1.09018	1.09018	0.0150302	0.556344	-1.79745	8.61363	5.25037	0.541815	1
cg13115957	0.0491394	0.627144	-1.59453	0.0198983	0.557717	-1.79302	0.00030623	0.295808	-3.38058	0.879877	1.03192	1.03192	7.69581	5.26064	0.607619	1
cg09606034	0.231465	0.60073	-1.66464	0.008242	0.253588	-3.94341	0.00514619	0.223067	-4.48297	0.118148	0.502135	-1.9915	5.67728	14.8238	2.32096	1
cg08635403	0.0220067	0.27175	-3.67986	0.0378995	0.31928	-3.13204	0.00285144	0.142639	-7.01072	0.0998118	0.425119	-2.35228	5.54767	19.7643	3.16678	1
cg15266100	0.308664	0.700115	-1.42834	0.00221259	0.234316	-4.26773	0.0235493	0.400491	-2.49694	0.197586	0.630757	-1.5854	5.2426	9.50601	1.61175	1
cg00698332	0.0381835	0.825107	-1.21196	0.000963185	0.674812	-1.48189	0.00013362	0.588763	-1.69848	0.378586	0.930267	-1.07496	15.266	1.54801	0.0901359	1
cg19562969	0.418352	0.779822	-1.28234	0.113504	1.67848	1.67848	0.000691365	0.210675	-4.74664	0.000173058	0.14694	-6.80552	14.0243	20.0869	1.27315	1
cg11316100	0.0605006	2.09206	2.09206	0.0574532	2.11563	2.11563	0.000916714	0.177686	-5.62789	0.00151676	0.203343	-4.91781	9.62478	18.5386	1.71212	1
cg03076771	0.038958	0.41722	-2.39682	0.380144	0.719452	-1.38995	0.00175545	0.195801	-5.10723	0.00638256	0.273036	-3.66252	8.70347	18.4389	1.88318	1
cg23634322	0.0434411	0.31849	-3.13982	0.00250965	0.126443	-7.90869	0.0261571	0.272555	-3.66899	0.00861873	0.191998	-5.2084	7.01259	26.9577	3.41706	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(3 vs.1247)	p-value(3477 vs. N)	Fold-Change(3 vs.3477)	p-value(3537 vs. N)	Fold-Change(3 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Test)	S5(Test)	S5(Error)	F(Error
ag6039489	C2orf26;C2orf26;CRNKL1	0.00374846	0.7230807	1.0583	0.00651054	1.056284	-1.7659	0.000159398	0.3542111	-2.82318	0.122078	0.7637958	-1.3093	0.0993042	0.747847	-1.33717	0.0206919	0.638893	-1.56521	0.7981001	0.959614	-1.04209	0.0764782	1.37288	1.37288	0.116953	0.760418	1.31507	3.27986	0.36409	1
ag21656428	C2orf26;C2orf26;CRNKL1	0.00472649	0.5803095	-1.72297	0.00251099	2.39488	2.39488	0.480618	1.160099	1.56099	0.254399	1.28118	1.28118	0.0134965	0.5293641	-1.89021	0.2472672	1.28644	1.28644	0.00936717	0.5030571	-1.98582	0.0195286	0.555063	-1.79976	0.25418	1.28134	1.28134	7.4655	5.12561	0.610287	1
ag18959748	C2orf26;C2orf26;CRNKL1	0.01479886	0.42495	0.94987	-1.05278	0.2544818	1.078001	1.078001	0.1212161	1.11187	1.11187	0.000894323	0.73056	-1.36881	0.2441104	0.9253564	-1.07996	0.6584867	0.9723319	-1.02848	0.0118118	0.8200005	-1.21951	0.136279	0.9036642	-1.10663	0.149842	0.9071454	-1.10236	5.203589	0.3283167	0.0560891	1
ag24288463	C2orf26;C2orf26;CRNKL1	0.0210144	0.006113894	0.652686	-1.53213	0.1786603	0.709434	-1.40957	0.346836	1.12244	1.12244	0.240842	0.863805	-1.15767	0.6276199	1.06002	1.06002	0.111805	1.229335	1.22935	0.292101	1.13921	1.13921	0.0396884	1.32791	1.32791	0.231592	1.16138	1.16138	4.62594	1.04162	0.20015	1
ag05195247	C2orf26;C2orf26;CRNKL1	0.042983	0.134461	0.826754	-1.20955	0.605719	1.306331	1.06331	0.344025	0.891452	-1.12177	0.965764	1.00507	1.00507	0.232843	1.15891	1.15891	0.652524	0.947972	-1.05488	0.0143755	0.580889	-1.7215	0.0960185	0.806149	-1.24047	0.240514	0.865145	-1.15588	3.58638	0.7893227	0.195636	1
ag02997962	C2orf26;C2orf26;CRNKL1;C2orf26	0.00561611	0.342665	0.782699	-1.27703	0.00745743	2.37135	2.37135	0.00318474	2.364444	2.364444	2.74391	0.0752661	0.608739	-1.64274	0.00585834	0.4049934	0.110027	0.647108	-1.54534	0.0525674	0.575601	-1.73731	0.137809	1.40255	1.40255	0.0470453	0.565746	-1.76758	7.08195	7.04447	0.884185	1
ag09881842	C2orf26;C2orf26;CRNKL1;C2orf26	0.0215602	0.3638284	0.716328	-1.39601	0.2997044	1.46847	1.46847	0.949672	0.977687	-1.02282	0.0171341	0.35393	-2.82542	0.00157081	0.197212	-5.07069	0.0278548	0.394878	-2.53243	0.097883	0.52249	-1.91391	0.4073534	1.35391	1.35391	0.3806659	0.72508	-1.37916	4.585556	9.28159	1.79919	1
ag03616164	C2orf27	0.00373256	0.472241	1.0391	0.103151	1.168512	1.08085	1.08085	0.1006953	0.930892	-1.09782	0.636149	1.02557	1.02557	0.06970988	0.8980938	-1.11346	0.0010539	1.2921	1.2921	1.35E-05	0.743665	-1.61467	0.0863106	1.08919	1.08919	0.0932219	0.906502	-1.10314	15.43661	0.6863516	0.0395216	1
ag00961003	C2orf27	0.0114352	0.351562	1.07491	1.07491	0.3795001	0.946979	-1.05599	0.536602	1.04828	1.04828	0.8189738	1.23869	-1.21868	0.1942436	1.24234	1.24234	0.0012046	1.4926	1.4926	0.105246	0.875136	-1.14268	0.1522846	0.891039	-1.12228	0.686186	0.969857	-1.03108	5.661118	0.5096091	0.0799347	1
ag11366015	C2orf27	0.0350406	0.92983	0.985875	-1.01433	0.6761062	0.934386	-1.07022	0.279096	1.19933	1.19933	0.8869062	0.736842	-1.35714	0.7709014	0.953932	-1.04829	0.846305	1.03184	1.03184	0.661685	1.07371	1.07371	0.00228774	1.99131	1.99131	0.0193656	1.57893	1.57893	3.865511	1.59725	0.367294	1
ag08830052	C2orf29	0.195258	0.178351	1.06153	0.0552284	1.145666	-1.08503	-1.08503	0.2375709	0.837042	-1.12339	0.6347087	0.645483	-1.54923	0.2644312	1.1416	1.1416	0.426747	1.080663	1.08066	0.1435324	1.1456	1.1456	0.0198417	1.865951	1.865951	0.0146295	1.17982	1.17982	0.527443	0.892396	0.1125004	0.445108	1
ag25456386	C2orf29	0.00191759	0.0997778	-1.66728	0.58441	1.06195	0.611947	0.945846	-1.05725	0.229862	1.14695	1.14695	0.0252793	1.33573	1.33573	0.755401	1.03459	1.03459	0.00336	0.532975	-1.87626	0.350132	0.900626	-1.11034	0.000226794	0.513197	1.94857	12.1064	2.26209	0.16674	1
ag10065330	C2orf29	0.00699977	0.0011179	0.6963445	-1.91598	0.21791	1.95429	1.95429	0.0674766	0.346772	1.88374	0.644455	1.27153	1.27153	0.00316389	0.12437	-8.04045	0.0149153	0.212026	-4.69646	0.0512902	0.337515	-3.14946	0.177572	0.476273	-2.09743	0.0175982	0.224664	-4.45109	0.65119	27.9979	3.76211	1
ag00158909	C2orf29	0.007026506	0.00628744	0.689652	-1.44959	0.4402	0.921173	-1.08557	0.270557	1.12711	1.12711	0.0109672	0.768404	-1.39508	0.546282	1.06576	1.06576	0.045126	0.786804	-1.27096	0.418782	0.917433	-1.09	0.168434	0.858057	-1.16542	0.0020094	1.575563	1.575563	6.60746	1.13857	0.15317	1
ag23561371	C2orf29	0.0328435	0.0383141	0.448043	-2.23193	0.0668561	0.502999	-1.98808	0.253423	1.964025	1.49025	0.0954457	0.541908	-1.84533	0.00168792	0.222912	-4.48607	0.28267	0.688401	-1.45264	0.528361	0.541908	-1.85265	0.672311	1.15292	1.15292	0.225301	0.653153	-1.53104	3.9568	7.01057	1.57401	1
ag25894160	C2orf3	0.00185489	0.0756824	0.859268	1.0002328	0.856237	1.85637	0.707315	0.2388	2.73548	2.73548	0.000465607	0.452125	0.67285	-1.48625	0.0127468	0.4693	0.076612	0.74868	-1.36134	1.5419	1.5419	0.00154561	1.639574	1.73617	0.0414848	1.979494	1.979494	0.918085	13.162	1.179562	1
ag06937882	C2orf3	0.0335718	0.945198	0.971546	-1.02929	0.00111911	7.50189	7.50189	0.0849862	2.22507	2.22507	0.279617	1.60318	1.60318	0.365258	0.676623	-1.47793	0.986178	0.992752	-1.0073	0.955275	1.02383	1.02383	0.0764594	2.28775	2.28775	0.402811	0.69801	-1.43264	3.92572	10.9633	2.48237	1
ag19333980	C2orf30;C2orf30;C2orf30;C2orf30;C2orf30	9.76E-05	3.25E-05	0.0996049	-10.0397	6.03E-05	0.120482	-8.30001	0.000227525	0.173908	-5.75016	0.257708	1.40104	1.40104	4.24E-05	0.10833	-9.23108	0.310802	0.741261	-1.34905	0.0423696	0.513	-1.94932	0.0825045	0.577478	-1.73167	0.00183628	0.2823688	-3.53747	22.8222	28.766	1.14754	1
ag05097899	C2orf30;C2orf30;C2orf30;C2orf30;C2orf30	0.000622851	0.512791	0.875606	-1.14207	0.00160315	0.404227	-2.47386	0.002510 51	0.431723	-2.3163	0.321324	0.814605	-1.22759	1.23E-05	0.158039	-6.32754	0.524944	1.13761	1.13761	0.0827651	0.680799	-1.46886	0.617994	0.90428	-1.10585	0.0940834	0.691849	-1.4454	13.4429	8.52696	0.563829	1
ag27495764	C2orf30;C2orf30;C2orf30;C2orf30;C2orf30	0.00289888	0.000470595	0.677185	-1.4767	0.201164	0.908681	-1.1005	0.0291197	0.833264	-1.2001	0.0261324	1.20588	1.20588	0.027307	0.830517	-1.20407	0.0081447	1.27158	1.27158	0.414714	0.942573	-1.06093	0.922061	0.993082	-1.00697	0.127666	1.12402	1.12402	8.645665	6.680013	0.0708398	1
ag06093395	C2orf30;C2orf30;C2orf30;C2orf30;C2orf30	0.00438247	0.0220082	0.400556	-2.49653	0.0191952	4.32459	4.32459	0.00742755	3.156555	3.156555	0.0131409	0.358745	-2.78749	0.0200916	0.392618	-2.54701	0.794573	1.09088	1.09088	0.331436	0.716014	-1.39662	0.756653	0.901565	-1.10918	0.341424	1.38653	1.38653	7.63877	13.4451	1.56455	1
ag27212099	C2orf30;C2orf30;C2orf30;C2orf30;C2orf30	0.0176912	0.909773	0.979896	-1.02052	0.000504359	2.6488	2.6488	0.318205	1.20301	1.20301	0.642415	0.919642	-1.08738	0.824412	0.960972	-1.04061	0.231118	0.79849	-1.25236	0.0950814	0.719942	-1.389	0.417419	1.16005	1.16005	0.314073	0.829844	-1.20505	4.903555	2.49252	0.45183	1
ag14515252	C2orf30;C2orf30;C2orf30;C2orf30;C2orf30	0.0195276	0.000768538	0.3196474	-3.12819	0.999918	0.999977	-1.00002	0.58542	0.88398	-1.13125	0.31574	1.26142	1.26142	0.35584	0.808454	-1.23693	0.470921	1.17845	1.17845	0.0289522	0.56088	-1.78291	0.144611	1.42022	1.42022	0.90542	1.02697	1.02697	4.74288	3.76511	0.705638	1
ag22199361	C2orf30;C2orf30;C2orf30;C2orf30;C2orf30	0.0378357	0.152952	0.683392	-1.46329	0.00896089	0.437467	-2.28589	0.263605	0.748377	-1.33623	0.808271	1.06233	1.06233	0.858494	0.956583	-1.04539	0.0462968	1.76436	1.76436	0.00855388	0.4341551	-2.30335	0.632429	0.887047	-1.12734	0.298213	0.764754	-1.30761	3.75909	3.68296	0.870888	1
ag25069010	C2orf4	0.000862702	0.105701	0.705682	-1.41707	0.0564141	1.51123	1.51123	0.00073047	0.363207	-2.75325	0.204829	0.768062	-1.30198	0.000827813	0.370429	-2.69957	0.163413	1.34097	1.34097	0.202852	0.760287	-1.31565	0.390194	0.840573	-1.18966	0.00310745	0.259943	-3.84699	12.2684	5.99551	0.547711	1
ag02568834	C2orf4	0.00111753	0.5143227	0.8619	-1.16037	0.1543714	0.541439	-1.84539	0.145635	0.406293	-2.46079	0.0362793	-37.3703	0.453252	0.7385383	0.973537	-1.02713	0.7973227	1.25409	1.25409	0.0277319	0.8045799	-1.24315	0.0020447	0.691374	-1.44676	0.0035704	0.693197	-1.44206	0.0019	0.1329003	0.0014508	29.2005	2.27821	1
ag19038034	C2orf4	0.00611405	0.452558	0.807148	-1.23893	0.162922	1.51739	1.51739	0.0154099	0.435027	-2.29871	0.0226558	2.14677	2.14677	0.02776	2.07152	2.07152	0.0868374	0.588923	-1.69801	0.00264674	0.312087	-3.20424	0.0221024	0.46379	-2.15615	0.0462231	0.3107	1.01907	0.189892	0.56444	1.10348	1
ag17938326	C2orf4	0.0163342	0.0552284	0.145666	-6.86503	0.0162999	0.911024	-1.09767	0.170094	0.279839	-3.65178	0.382803	2.21077	2.21077	0.0123453	0.0631971	-15.8235	0.480803	0.529809	-1.88747	0.0030105	0.0272004	-36.7641	0.0034385	0.0285018	-35.0855	0.1245577	0.229023	-4.36636	0.63622	62.6714	11.0615	1
ag08139522	C2orf4	0.0100334	0.0838027	0.4	-2.49998	0.0141677	1.11833	1.11833	0.153703	1.19235	1.19235	0.0995127	0.727558	-1.37453	0.0244672	0.5497	-1.81951	0.7986099	0.9591	1.04212	0.0020444	0.464471	-2.15299	0.0318348	0.980026	-1.0183	0.0945886	1.38292	1.38292	4.19917	1.9916	0.438274	1
ag24168178	C2orf43	0.00316335	0.45801	0.750295	-1.33281	0.731177	0.877126	-1.14009	0.000792239	0.145542	-6.87085	0.577499	1.23853	1.23853	0.00242414	0.200853	-4.97876	0.413724	0.727857	-1.3739	0.000476129	0.124268	-8.04711	0.973487	1.01271	1.01271	0.0143018	0.317161	-3.15297	8.4243	19.2818	2.03452	1
ag09481465	C2orf43	0.0611736	0.160704	0.6454	-1.54933	0.252074	1.39056	1.39056	0.0676374	0.5249	-1.90444	0.10244	0.582409	0.582891	-1.71584	0.0244153	-4.09257	0.019404	0.12159	0.13509	-7.40369	0.0041155	1.04555	1.04555	0.0178557	1.03013	-1.04319	0.599586	0.1232204	1.47231	0.0	0.0	1
ag00831028	C2orf43;C2orf43	0.0176972	0.0292231	0.81571	-1.22593	0.00583206	0.751093	-1.33109	0.68354	1.03303	1.03303	0.238297	1.10289	1.10289	0.04607	1.09754	1.09754	0.107051	1.860808	1.14968	0.0962619	0.999624	-1.00038	0.18599	1.11759	1.11759	0.0127894	1.27787	1.27787	4.90299	0.488129	0.0884953	1
ag08723131	C2orf43;C2orf43	0.0406183	0.395817	0.884548	-1.13052	0.451081	0.897411	-1.11432	0.210487	1.2056	1.2056	0.386146	0.882185	-1.13355	0.660817	0.939765	-1.0641	0.00104237	0.482742	-2.07151	0.719127	1.05211	1.05211	0.702241	1.05552	1.05552	0.209325	0.829016	-1.20625	3.99797	1.22474	0.238265	1
ag23037777	C2orf43;GCNT7	0.0136277	0.328784	0.8	-1.25	0.511253	0.684582	-1.46122	0.162785	0.655509	-1.52542	0.0535	0.797668	-1.25389	0.2481285	0.403	-2.48139	0.0562269	0.5035353	-1.98583	0.0017642	0.1482	-6.74931	0.0032852	0.0800853	-12.4962	0.0007565	0.1482	-6.74931	0.0032852	0.0800853	12.4962	0.0007565	0.1482	-6.74931	1
ag07071379	C2orf46	8.63E-05	0.894483	0.975277	-1.02535	0.576311	0.666582	-1.49929	0.0230866	0.598979	-1.66951	0.0613698	1.48828	1.48828	1.27E-06	0.0953597	-10.4866	0.0090087	0.87088	1.87088	0.643342	1.08611	1.08611	0.346171	0.832758	-1.20083	0.19065	0.740542	-1.35043	7.32689	0.4	0.0	0.0	1
ag02035853	C2orf46	0.00223469	0.833746	1.09824	1.09824	0.2126	1.26396	1.26396	0.0144844	0.8882	0.8882	0.13991	1.42681	1.42681	0.0050702	0.701225	-1.42581	0.2648059	1.08911	1.08911	0.0177959	0.6223792	-1.6011	0.2648059	1.08911	1.08911	0.0177959	0.6223792	-1.6011	0.2648059	1.08911	1.08911	0.0177959	0.6223792	-1.6011	1
ag03670253	C2orf46	0.00622448	0.0113048	0.566452	-1.76538	0.157072	1.31144	1.31144	0.00191408	0.455053	-2.19755	0.0146961	1.71271	1.71271	0.206427	0.787606	-1.26967	0.0584862	1.46667	1.46667	0.0423175	0.657706	-1.52044	0.34872	0.841272	-1.18868	0.283722	0.819111	-1.22084	6.86083	3.48787	0.451889	1
ag14905105	C2orf46	0.00623967	0.0038705	0.56139	-1.78121	0.110763	1.214135	1.214135	0.0013845	0.497188	2.01099	0.0026145	1.27442	1.27442	0.00042261	0.784746	-1.27415	0.0295369	0.9305348	-1.07452	0.6284127	1.294184	1.294184	0.0001209	1.742406	1.742406	0.0012094	0.291734	-3.40444	8.65566	20.2641	2.62759	1
ag13861429	C2orf46	0.00732761	0.0104381	0.263356	-3.79704	0.0042258	0.388646	-2.57304	0.782541	0.389814	-2.56733	0.127234	1.81027	1.81027	0.00214303	0.167644	-5.95792	0.778173	0.889701	-1.1239	0.0071217	0.315287	-3.17031	0.0185731	0.506882	-1.97318	0.0082563	0.933562	-1.07117	0.0185731	0.506882	-1.97318	0.0082563	0.933562	-1.07117	1
ag05283538	C2orf46	0.00867313	0.0611714	0.613079	-1.63111	0.00883044	0.461587	-2.16644	0.141721	0.693226	-1.44253	0.461002	0.840259	-1.19011	0.119087	0.675516	-1.48035	0.0556753	0.604817	-1.65339	0.000496779	0.282562	-3.53904	0.00357852	0.400507	-2.49683	0.0303868	0.55425	-1.80424	6.18446	5.26745	0.757088	1
ag19772460	C2orf46	0.00676393	0.1409114	0.7	-1.42857	0.0318668	0.515	0.515	0.238097	0.712646	-1.40295	0.0138683	1.25235	1.25235	0.0151902	0.798	-1.25313	0.1263611	1.13413	1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	1
ag05183915	C2orf46;C2orf46	0.0130284	0.05023122	0.341988	-2.92408	0.119215	0.611094	-1.63641	0.153554	0.640781	-1.5606	0.357208	1.31759	1.31759	0.0268928	0.466052	-2.14568	0.343992	0.752822	-1.32834	0.0370431	0.493972	-2.02441	0.0132014	0.40868	-2.4469	0.123394	0.61502	-1.62596	3.94883	5.3058	1.19434	1
ag17105290	C2orf47;C2orf4	9.28E-06	0.181112	1.26606	1.26606	0.201963	1.19458	1.19458	0.1685	0.841705	0.314162	-3.21067	0.149534	1.22876	1.22876	0.046	-2.17391	0.683409	0.947157	-1.05579	0.00888655	1.55294	1.55294	0.0008	1.91311	1.91311	0.000415636	0.477658	-2.09377	41.3591	12.4655	0.245148	1
ag03636012	C2orf48	0.00278987	0.00207667	-2.62371	0.0010186	0.367493	-1.42114	0.00385368	0.300605	-3.32662	0.958963	0.984243	-1.01601	0.00247554	0.2728858	-3.66438	0.642997	0.86582	-1.15497	0.422583	0.765591	-1.28768	0.000383651	0.178555	-5.75192	0.0259901	0.442	-2.26065	8.74434	13.1945	1.34126	1
ag20494450	C2orf48	0.00503296	0.281204	0.807608	-1.23822	0.536514	0.887444	-1.12683	0.0367281	0.62941	-1.58879	0.546234	0.890027	-1.12356	0.823053	0.95817	-1.04366	0.000107762	0.271821	-3.67889	0.054928	0.1515856	1.51556	0.598133	1.1068	1.1068	0.142885	0.740504	-1.35043	7.32689	4.22194	0.51241	1
ag10339152	C2orf48	0.0183763	0.332534	1.20984	1.20984	0.2116	1.22585	1.22585	0.0717308	0.495928	2.01737	0.0708517	0.589376	1.69675	0.0218954	0.4955	-2.01816	0.1763538	1.45605	1.45605	0.0578554	0.7575	1.75754	0.0137381	1.14106	1.14106	0.8090008	0.964692	-1.0366	5.35126	0.7201	0.965969	1
ag23289456	C2orf54	0.0147306	0.2806318	1.27568	1.27568	0.00644987	2.1577	2.1577	0.101461	0.677525	-1.47595	0.027415	0.567588	-1.76184	0.0126	0.509926	-1.96107	0.2269093	0.759249	-1.31709	0.1969995	1.35066	1.35066	0.110022	0.685112	-1.45962	0.5093574	1.1564	1.1564	5.21181	3.89053	0.66354	1
ag00432454	C2orf54	0.00905007	0.171766	1.49133	1.49133	0.25074	1.39056	1.39056	0.7673274	0.10841	1.08401	0.1675599	1.49795	1.49795	0.0601624	1.79044	1.79044	0.0250743	2.07957	2.07957	0.00115031	1.75179	1.75179	0.0118846	1.94441	1.94441	0.0781865	1.71189	1.71189	4.13367	4.9411	1.66256	1
ag27210657	C2orf54	0.0398302	0.21013	1.41901	1.14.9	0.00689811	0.52665	1.52665	0.738063	0.914891	-1.09303	0.908901	1.0308	1.0308	0.189232	1.52529	1.52529	0.0453338	1.83763	1.83763	0.0030528	0.285718	2.58475	0.258675	1.36662	1.36662	0.444892	1.22925	1.22925	1.56891	4.10369	0.988835	1
ag21959199	C2orf54	0.0447375	0.0364283	9.36247	9.36247	0.126404	4.57607	4.57607	0.312226	2.61566	2.61566	0.71914	1.39395	1.39395	0.767155	1.31404	1.31404	0.383614	0.439674	-2.27441	0.00315269	40.8999	40.8999	0.0813562	5.912	5.912	0.0360747	9.41488	9.41488	3.53326	47.3403	11.9098	1
ag03197601	C2orf54	0.0172445	0.0766343	1.40814	1.40814	0.0318668	0.515	0.515	0.238097	0.712646	-1.40295	0.0138683	1.25235	1.25235	0.0151902	0.798	-1.25313	0.1263611	1.13413	1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	0.0915197	0.881737	-1.13413	1
ag04972979	C2orf54;C2orf54	0.0115077	0.818516	1.05457	1.05457	0.00169698	0.354666	-2.81956	0.00670746	0.443575	-2.25441	0.979776	0.994157	-1.00588	0.00680653	0.444581	-2.24931	0.0367697	0.570712	-1.7522	0.0410451	0.579806	-1.72471	0.274674	0.768024	-1.30052	0.0215095	0.528127	-1.89349	5.46263	4.78252	0.752462	1
ag01479232	C2orf54;C2orf54	0.0419308	0.0419308	0.787937	-1.26904	0.142254	1.8937	1.8937	0.0155183	0.527983	-1.89418	0.0155183	1.70207	1.70207	0.0155183	0.587683	-1.70207	0.4124449	0.2762745	0.59099	0.0329038	0.303306	3.29688	0.0329038	0.303306	3.29688	0.0329038	0.303306	3.29688	0.0329038	0.303306	3.29688	0.0329038	0.303306	3.29688	1
ag07991288	C2orf56	3.67E-06	5.13E-05	3.85454	3.85454	0.0864795	0.713922	-1.40071	7.20E-06	5.8298	5.8298	0.0361781	1.54264	1.54264	7.03E-05	3.63556	3.63556	0.546299	1.11477	1.11477	0.18317	1.28529	1.28529	1.12E-07	20.7199	20.7199	0.809941	1.04381	1.04381	52.5587	26.3584	0.445781	1
ag03884903	C2orf56	5.32E-05	0.00187762	2.658	2.0298	0.02982	1.76262	1.76262	8.86E-05	4.74224	4.74224	0.0488942	1.64643	1.64643	8.18E-05	4.82713	4.82713	0.405304	1.20776	1.20776	0.24555	1.26392	1.26392	0.0002	2.56	2.56	0.0001	1.13627	1.13627	0.469772	1.17709	1.17709	26.1877	20.1868	0.691989	1
ag10215507	C2orf56	0.00010768	0.00013458	3.1412	3.1412	0.0079	2.11582	2.11582	0.0001	3.2869	3.2869	0.0019322	2.78054	2.78054	0.0001	3.58636	3.58636	0.3455405	2.89652	2.89652	0.0001	3.6992	3.6992	0.0001	3.84825	3.84825	0.0256179	1.61649	1.61649	2.5648	18.2474	0.46183	1
ag03525193	C2orf56	0.00027362	0.7864334	1.08861	1.08861	0.0492295	0.0172	0.0172	0.756016	1.10234	1.10234	0.915555	1.03371	1.03371	0.306849	0.71842	-1.39194	0.2700279	0.698489	-1.43166	0.4457	1.27502	1.27502	5.98E-06	23.9267	23.9267	0.000319669	0.1786	0.1786	16.8692	26.1088	1.37575	1
ag19578304	C2orf56	0.00441716	0.0706647	1.46786	0.0893585	0.637771	1.57289	0.626539	0.1	1.55803	0.0100757	1.32766	1.53483	0.0140207	1.344201	0.707502	-1.4138	0.0349172	1.01564	1.01564	0.9346	1.01564	1.01564	0.9346	1.01564	1.01564	0.9346	1.01564	1.01564	0.9346	1.01564	1.01564	0.9346	1.01564	0.9346	1
ag08582482	C2orf56	0.00081826	0.204197	1.1768	1.2768	0.0569146	1.48132	1.48132	0.0045572	0.99173	1.99173	0.211876	0.786762	-1.27103	0.1953167	0.778994	-1.28371	0.315455	2.08339	2.08339	0.0038485	0.492074	-2.03222	2.58E-05	2.9639	3.9639	0.328141	0.831876	1.2021	1.42527	0.55918	0.468202	1
ag17631686	C2orf56	0.00175125	0.1111229	0.581752	-1.71895	0.714364	0.891603	-1.12158	0.70987	0.888904	-1.12372	0.00202451	0.389153	0.891353	0.0853594	0.552321	-1.81054	0.365387	0.748053	-1.3368	0.00120065	0.2274514	-4.39726	0.000769021	4.90275	4.90275	0.2836662	0.706339	-1.41576	10.0212	15.4621	1.3715	1
ag00960105	C2orf56	0.00178773	0.0488263	0.7	-1.42857	0.2	0.823307	-1.2141	0.703082	0.784476	-1.27436	0.288968	1.3486	1.3486	0.697284	0.741909	-1.34809

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N) vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-111T 057 vs. N) vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-112T 117 vs. N) vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-121T 122 vs. N) vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-123T 217 vs. N) vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 477 vs. N) vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N) vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 577 vs. N) vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-563T 637 vs. N) vs. N)	T(Test)	S(Test)	S(Error)	F(Error)
cg17440254	C1orf121	0.0057951	0.0288116	1.752201	-1.3224	1.03151178	0.760634	-1.31469	0.000447977	0.548457	-1.8213	0.0164416	0.72757	-1.37444	0.937898	0.9191582	-1.00849	0.74989	0.965214	-1.03604	0.00981481	0.701776	-1.42496	0.00790461	0.6931018	-1.41876	0.03195	1.3074	0.165689	1
cg08764522	C1orf122	0.00691768	0.578899	1.09299	1.092099	0.152335	1.27528	1.27528	0.0354685	1.47449	1.47449	0.054784	1.41266	1.41266	0.0155244	0.70171	-1.42509	0.000494257	2.37508	2.37508	0.0684548	1.38196	1.38196	0.0135644	1.62332	1.62332	0.529383	0.903884	-1.10634	0.639555	2.64502	0.35411	1
cg02541052	C1orf125	0.0283128	0.803444	0.971056	-1.02981	0.03214178	0.744103	-1.3439	0.124062	0.821888	-1.21671	0.863413	0.979925	-1.02049	0.657794	1.05391	1.05391	0.0176415	1.40495	1.40495	0.0240189	1.37308	1.37308	0.0336097	0.746521	-1.33955	0.368062	0.896828	-1.11504	4.17142	0.9164411	0.195278	1
cg14909842	C1orf125	0.0408627	0.583567	1.08757	1.08757	0.0401835	0.698013	-1.43264	0.877382	0.76586	-1.02369	0.945237	0.702467	1.01047	0.122402	1.28899	1.28899	0.0319894	1.46381	1.46381	0.0606501	1.72235	1.72235	0.304921	0.851203	-1.17481	0.537406	1.09933	0.165426	1.33808	0.323735	1
cg01820192	C1orf125	0.0421945	0.205116	0.675844	-1.47963	0.00258567	0.294107	-3.40012	0.00781364	0.367649	-2.71999	0.864626	0.951223	-1.05128	0.0664333	0.547035	-1.82804	0.61806	0.863026	-1.15871	0.796607	1.07863	0.653711	0.876048	-1.14149	0.349093	0.753907	-1.32642	3.61113	4.91181	1.20905	1
cg20999167	C1orf125	0.0948895	0.6168651	1.62166	0.00105913	0.279343	-3.57983	0.0525272	0.559521	-1.78724	0.195013	0.6869037	0.4455443	0.338213	0.770222	1.2977	1.2977	0.0150188	0.636787	-1.57038	0.4116217	0.8016564	-1.2475	0.141218	0.6591611	-1.51708	0.2463443	0.726627	-1.37672	5.5287	3.877708	0.976804	1
cg01542693	C1orf128;UMODL1;UMODL1	0.0101682	0.0763458	0.705744	-1.41694	0.00706473	1.85029	1.85029	0.258224	1.23185	1.23185	0.00492154	0.517643	-1.93183	0.584337	1.10257	1.10257	0.0464786	1.14053	1.14053	0.0492441	1.48694	1.48694	0.592391	0.908901	-1.10023	0.0236504	0.6203134	-1.61209	5.87915	2.90891	0.439808	1
cg01688776	C1orf129;NCRNA00112	0.00117196	0.0294569	1.59158	1.59158	0.08868227	1.71527	1.40543	0.00272711	0.472407	-2.11682	0.844617	0.9562	1.01042	0.0336604	0.469628	-2.0382	0.00018046	1.51704	1.51704	0.2884672	1.22084	1.22084	0.734381	0.940145	-1.06367	0.198689	1.2791	1.2791	11.2474	5.850779	0.462392	1
cg24703468	C1orf129;NCRNA00112	0.00791677	0.309878	0.838184	-1.19306	0.7609361	1.06483	1.06483	0.497058	0.886319	-1.12826	0.638584	0.923608	-1.08271	0.766.07	1.02468	1.02468	0.1883748	0.975722	0.975722	1.02048	0.314825	0.839793	-1.19077	0.719138	0.941194	-1.06248	0.0302038	0.651739	-1.53436	6.36505	2.84459	0.397251	1
cg13520715	C1orf129;NCRNA00112	0.0152123	0.552004	0.911484	-1.09711	0.574303	0.91629	-1.09136	0.00693891	0.58386	-1.71274	0.291869	0.844969	-1.18348	0.285342	0.842883	-1.1864	0.0520232	1.40562	1.40562	0.00203014	1.95472	1.95472	0.859432	1.02768	1.02768	0.777205	0.957244	-1.04467	5.15666	1.93767	0.33401	1
cg26048478	C1orf129;NCRNA00112	0.0159812	0.489351	0.78996	-1.26572	0.0202753	1.197	1.197	0.149758	0.689955	-1.45064	0.646081	0.92002	-1.08695	0.4178	0.8424	-1.18681	0.0839044	1.56048	1.56048	0.0541043	2.55993	2.55993	0.0379266	0.838352	-1.19278	0.0541043	2.55993	0.0379266	0.838352	-1.19278	0.0541043	2.55993	0.0379266	0.838352	-1.19278	-2.60517	0.274001	1.321	1.321	0.07298	4.825223	0.844579	1
cg09456254	C1orf130	0.000365592	0.00384648	0.150734	-6.63419	0.0189115	0.342464	-2.92002	0.00127145	0.16998	-5.88306	0.0721772	0.469325	-2.13072	0.00091126	0.154224	-6.48407	0.000472641	0.126176	-7.92543	0.0534811	0.437463	-2.28591	0.00605022	0.258851	-3.86323	15.58314	35.0653	2.00041	1
cg11128285	C1orf15	0.0383459	0.0297326	0.649842	-2.28199	0.0786427	0.531407	-1.8618	0.0142769	0.376252	-2.65948	0.569964	0.800403	-1.20423	0.104089	0.562569	-1.77756	0.649896	1.16155	1.16155	0.0109725	0.4829312	-2.48183	0.0513864	0.48774	-2.05027	0.012821	0.367691	-2.71968	3.74271	6.207264	1.47921	1
cg09985698	C1orf21	8.74E-05	0.00177192	1.55209	1.55209	0.07771822	1.21363	1.21363	0.958715	0.9949017	-1.00513	0.141843	1.16879	1.16879	0.00118766	0.615385	-1.59902	0.0608593	0.816571	-1.23203	0.036-06	0.333759	-2.99618	0.770087	0.971474	-1.02936	0.162278	1.15875	1.15875	22.954	3.54523	0.137289	1
cg02513045	C1orf2	0.0096286	0.111406	1.25345	1.25345	0.011092	1.51421	1.51421	0.181388	1.20303	1.20303	0.289249	1.15409	1.15409	0.0294139	1.39679	1.39679	0.702199	0.951183	-1.05132	0.0158847	0.680945	-1.46854	0.19168	0.8352211	-1.1973	0.2003948	1.70279	1.70279	0.79285	1.608111	0.238936	1
cg03134230	C1orf2	0.0014239	0.0344545	-1.26521	0.191693	1.38204	1.38204	1.38204	0.0385563	1.22378	1.22378	1.7	?	?	?	0.0416662	0.683137	0.716655	1.12137	1.12137	0.25275	1.49223	1.49223	0.37449	1.33175	1.33175	0.0423315	2.08539	2.08539	5.56029	7.73225	1.39062	1
cg18027946	C1orf2	0.0334419	0.382974	1.09709	1.09709	0.0409686	1.27674	1.27674	0.10727	1.19971	1.19971	0.160178	1.16814	1.16814	0.0411609	1.27635	1.27635	0.028178	1.30795	1.30795	0.0235649	0.7557351	-1.32322	0.2142911	1.14502	1.14502	0.0424486	1.27383	1.27383	3.93121	0.667921	0.151024	1
cg24422805	C1orf2	0.0402815	0.0251389	0.978353	-1.54328	0.0800042	0.518461	-1.92878	0.234278	0.645871	-1.5483	0.071984	0.493326	-2.02706	0.041309	0.442676	-2.25999	0.0565143	0.469083	-2.13182	0.0119764	0.344922	-2.89962	0.00620326	0.286171	-3.49442	0.0872793	0.5155851	-1.93854	1.65557	7.11713	1.7206	1
cg17585615	C1orf20	0.0029213942	0.485625	0.7865136	-1.27095	0.3744	0.6903735	0.4875	-2.05128	0.0113154	0.34336	-2.92967	0.583272	1.20655	0.0025718	0.455557	-2.45055	0.0150382	0.363194	-2.75335	0.0241682	0.238901	-4.18584	2.34E-05	17.5348	17.5343	0.0259529	2.644941	2.44941	18.0383	32.8112	1.61686	1
cg07401258	C1orf29	0.000467875	?	?	?	0.0416662	0.683037	-1.46835	5.07E-05	0.288675	-3.46411	0.0853344	0.732607	-1.36499	0.995335	1.00096	1.00096	0.0043614	1.86447	1.86447	0.00155469	0.4751444	-2.10463	0.0600845	1.41474	1.41474	0.10448	0.748037	-1.33683	14.9118	5.617754	0.376717	1
cg19683410	C1orf29	0.000521205	0.63346	0.908881	-1.10025	0.0202753	0.496501	-2.3441	0.159883	0.741819	-1.34804	0.588407	0.894876	-1.11824	0.2064701	0.70251	-1.42302	0.845823	0.962024	-1.03948	0.3872942	0.833493	-1.19972	1.31E-05	6.548306	6.163246	0.016548	-0.09105	14.1267	8.84875	0.556786	1
cg16020279	C1orf29	0.000751572	0.00490578	0.563935	-1.76699	0.992724	0.998606	-1.0014	6.94E-05	0.328915	-3.0403	0.149925	1.26641	0.083797	0.749197	-1.13476	0.00146257	0.495056	-2.01998	0.00505309	0.43504	-2.29864	0.0291816	0.6748555	-1.4818	0.657467	0.933995	-1.07067	12.7554	4.7294	0.329614	1
cg11250981	C1orf29	0.0216153	0.00509264	1.3742	3.77422	0.0219896	0.960003	1.2151	0.0153796	0.782633	-1.27774	0.00174492	0.268413	-3.7117	0.00231025	0.2874	-3.48007	0.0184207	0.740975	0.00794979	3.58E-05	0.1482114	-6.74943	1.89E-05	0.0284114	0.0002698	0.4724782	-2.42259	0.0007625	0.166222	0.0150081	0.540296	-1.85084	15.306	10.3779	0.5968822	1
cg04837104	C1orf29	0.00265278	0.0495187	0.574715	-1.73999	0.190455	1.4087	1.4087	0.0384529	1.80888	1.80888	0.262662	1.67822	1.67822	0.259112	0.747531	1.33774	0.0490578	0.57389	-1.74249	0.014552	0.47529	-2.10398	0.00029084	0.34069	4.3069	0.534529	0.856018	-1.1682	8.87551	8.58639	0.859933	1
cg23703080	C1orf29	0.00277188	0.354008	0.838133	-1.19313	0.4014437	0.852973	-1.17237	0.000594955	0.374705	-2.66877	0.172223	1.30874	0.319968	0.1598214	0.569972	-1.75447	0.200175	1.28478	1.28478	0.0130469	1.76878	1.76878	0.00515633	1.98172	1.98172	0.440167	1.15694	1.15694	8.75922	4.75688	0.48273	1
cg06070592	C1orf29	0.00991447	0.1976356	1.38195	1.38195	0.0435134	1.33494	1.33494	0.0477565	1.29562	1.29562	0.342024	-1.06154	0.04342257	1.57234	1.57234	0.0203747	0.2118056	1.24972	1.24972	0.3496321	1.20635	1.20635	0.2852586	0.4523953	2.24972	0.00303992	4.52315	-2.20608	0.6143482	1.10401	1.10401	0.0425	1.56394	0.534506	0.1335626	1
cg12061357	C1orf29	0.02145339	0.437359	0.785474	-1.27312	0.624291	1.16236	1.16236	0.0270642	2.22035	2.22035	0.553656	0.833095	-1.20034	0.00219001	0.269995	-3.70377	0.156608	0.630142	-1.58694	0.019671	0.422366	-2.36038	0.50718	1.22763	1.22763	0.6235159	0.8600229	-1.16275	4.59333	6.75769	1.30773	1
cg24421805	C1orf29	0.0278074	0.7188006	0.956446	-1.04554	0.0202753	0.518447	-1.9295	0.234278	0.645871	-1.5483	0.071984	0.493326	-2.02706	0.041309	0.442676	-2.25999	0.0565143	0.469083	-2.13182	0.0119764	0.344922	-2.89962	0.00620326	0.286171	-3.49442	0.0872793	0.5155851	-1.93854	1.65557	7.11713	1.7206	1
cg27251694	C1orf29	0.0250533	0.923642	0.02005	0.745929	1.03663	1.06963	0.167992	0.737701	-1.35556	0.32196	1.23595	0.161821	0.646783	1.54611	0.7692	0.9409	1.06281	0.276592	0.791122	-1.26403	0.8006861	1.76433	2.76433	0.080534	1.00506	0.145401	0.95196	0.603472	1
cg16131644	C1orf29	0.0291364	0.568871	1.08165	1.08163	0.36326	0.880435	-1.1358	0.429625	0.895943	-1.11614	0.0366865	1.3921	1.3921	0.0061397	0.614301	-1.62787	0.169548	1.2207	1.2207	0.178091	0.822825	-1.21533	0.0556684	1.34381	1.34381	0.17329	1.218311	1.218311	4.12937	1.215467	0.261469	1
cg25399267	C1orf29	0.0248394	0.6447941	1.09126	1.09126	0.0409756	1.35427	1.35427	0.0598494	1.59729	-1.10529	0.0388726	1.19195	1.19195	0.0427944	0.704798	-1.41903	0.2940284	1.1239	1.1239	0.1002407	1.2946	1.2946	0.0361448	1.58262	1.58262	0.0212838	1.78996	1.78996	4.06332	2.2822	0.499719	1
cg13137765	C1orf29;KRTAP10-3	0.0100117	0.253919	0.6536533	-1.52986	0.0221934	0.375894	-2.66033	0.00617699	0.279562	-3.57702	0.0822527	0.424432	-2.35609	0.0203341	0.368524	-2.71353	0.183095	0.602466	-1.65984	0.000536228	0.146267	-6.83682	0.01936	0.36454	-2.74319	0.210863	0.624704	-1.60076	5.008441	1.91978	1.79207	1
cg12015443	C1orf29;KRTAP10-3	0.0401983624	0.4677381	0.723942	-1.38146	0.0202753	0.496501	-2.3441	0.159883	0.741819	-1.34804	0.588407	0.894876	-1.11824	0.2064701	0.70251	-1.42302	0.845823	0.962024	-1.03948	0.3872942	0.833493	-1.19972	1.31E-05	6.548306	6.163246	0.016548	-0.09105	14.1267	8.84875	0.556786	1
cg25937451	C1orf29;KRTAP10-5	0.0160317	0.0852421	0.390298	-2.56214	0.107762	0.419866	-2.38171	0.132138	0.447744	-2.23342	0.238769	0.543307	-1.84058	0.0552751	0.341516	-2.92812	0.108669	0.42097	-2.37546	0.000758949	0.0801584	-12.4753	0.00381657	0.145322	-6.88129	0.0608634	0.351774	-2.84273	5.06766	19.6232	3.442	1
cg17778867	C1orf29;KRTAP10-8	5.24E-07	0.0202784	0.633269	-1.57911	0.000277091	0.534045	-1.8725	8.95E-08	0.157525	-6.3482	5.16E-05	0.449947	-2.22249	4.68E-07	0.22438	-4.4557	4.93E-05	0.447663	-2.23383	0.000975015	0.596228	-1.67721	0.415457	1.0917	1.0917	1.02E-07	0.102326	-6.16044	16.4613	15.215	0.156422	1
cg00781197	C1orf29;KRTAP10-9	0.000390057	0.356886	0.824729	3.77422	0.0219896	0.960003	1.2151	0.0153796	0.782633	-1.27774	0.00174492	0.268413	-3.7117	0.00231025	0.2874	-3.48007	0.0184207	0.740975	0.00794979	3.58E-05	0.1482114	-6.74943	1.89E-05	0.0284114	0.0002698	0.4724782	-2.42259	0.0007625	0.166222	0.0150081	0.540296	-1.85084	15.306	10.3779	0.5968822	1
cg13066546	C1orf29;KRTAP10-9	0.00261179	0.0337288	0.469259	-2.13102	0.435498	1.27475	1.27475	0.0370778	0.477772	-2.09305	0.0530037	0.51125	-1.95599	0.00232447	0.273191	-3.66044	0.0520034	0.277696	-3.60106	0.000213555	0.151548	-6.59857	0.0559557	0.516529	-1.936	0.0112189	0.379297	-2.63646	8.916638	13.1464	1.31058	1
cg24640576	C1orf29;KRTAP10-9	0.00467706	0.0248376	0.3599126	-2.77888	0.0202753	0.518447	-1.9295	0.234278	0.645871	-1.5483	0.071984	0.493326	-2.02706	0.041309	0.442676	-2.25999	0.0565143	0.469083	-2.13182	0.0119764	0.344922	-2.89962	0.00620326	0.286171	-3.49442	0.0872793	0.5155851	-1.93854	1.65557	7.11713	1.7206	1
cg23944408	C1orf29;KRTAP12-1	0.000182127	0.00697003	0.38766	-2.57958	0.703541	0.901404	-1.1038	0.0945805	0.404909	-2.44204	0.0459415	0.537367	-1.86093	0.365311	0.776051	-1.28858	8.79E-05	0.148334	0.741053	3.97E-05	0.118481	-8.44018	2.64E-05	0.104745	-9.54703	0.17384	2.691963	1.09767	1
cg14743983	C1orf29;KRTAP12-1	0.0109552	0.305136	1.28032	1.28032	0.20665	0.73349	-1.36334	0.00280108	0.383485	-2.60766	0.7301097	0.922574	-1.08392	0.0286783	1.8232	1.8232	0.00341652	0.396235	-2.52376	0.501226	1.17217	1.17217	0.110205	0.666906	-1.49946	0.664142	1.10701	1.10701	5.73333	4.9171	0.762342	1
cg22783575	C1orf29;KRTAP12-1	0.0186188	0.0496476	0.3599126	-2.77888	0.0202753	0.518447	-1.9295	0.234278	0.645871	-1.5483	0.071984	0.493326	-2.02706	0.041309	0.442676	-2.25999	0.0565143	0.469083	-2.13182	0.0119764	0.344922	-2.89962	0.00620326	0.286171	-3.49442	0.0872793	0.5155851	-1.93854	1.65557	7.11713	1.7206	1
cg29344408	C1orf29;KRTAP12-1	0.000182127	0.00697003	0.38766	-2.57958	0.703541	0.901404	-1.1038	0.0945805	0.404909	-2.44204	0.0459415	0.537367	-1.86093	0.365311	0.776051	-1.28858	8.79E-05	0.148334	0.741053	3.97E-05	0.118481	-8.44018	2.64E-05	0.104745	-9.54703	0.17384	2.691963	1.09767	1
cg14743983	C1orf29;KRTAP12-1	0.0109552	0.305136	1.28032	1.28032	0.20665	0.73349	-1.36334	0.00280108	0.383485	-2.60766	0.730109	0.922574	-1.08392	0.0286783	1.8232	1.8232	0.00341652	0.396235	-2.52376	0.501226	1.17217	1.17217	0.110205	0.666906	-1.49946	0.664142	1.10701	1.10701	5.73333	4.9171	0.762342	1
cg22783575	C1orf29;KRTAP12-1	0.0186188	0.0496476	0.3599126	-2.77888	0.0202753	0.518447	-1.9295	0.234278	0.645871	-1.5483	0.071984	0.493326	-2.02706	0.041309	0.442676	-2.25999	0.0565143	0.469083	-2.13182	0.0119764	0.344922	-2.89962	0.00620326	0.286171	-3.49442	0.0872793	0.5155851	-1.93854	1.65557	7.11713	1.7206	1
cg04257752	C1orf29;KRTAP12-3	0.00786347	0.208981	0.723389	-1.38238	0.00276126	0.364388	-2.74433	0.723665	1.06067	0.420052	1.23116	0.666117	0.225507	2.34021	0.0014355	3.41015	0.0198958	0.502979	-1.98815	0.00709392	0.29002	-3.44803	0.0180207	0.495329	-2.01886	0.805788	0.941549	-1.06208	0.378558	6.03916	0.841588	1
cg10202380	C1orf29;KRTAP12-3	0.0278552	0.213037	0.6498823	-1.53892	0.0202753	0.518447	-1.9295	0.234278	0.645871	-1.5483	0.071984	0.493326	-2.02706	0.041309	0.442676	-2.25999	0.0565143	0.469083	-2.13182	0.0119764	0.344922	-2.89962	0.00620326	0.286171	-3.49442	0.0872793	0.5155851	-1.93854	1.65557	7.11713	1.7206	1
cg11465630	C1orf33;C1orf33	0.000850133	0.00013470	0.255773	-3.90971	0.418605	0.1858	0.1858	0.0669783	0.654824	-1.52713	0.59456	1.11713	1.11713	8.00E-05	0.230197	-4.3441	0.0036374	0.404024	-2.4751	0.0313574	0.563889	-1.7734	0.0485113	0.595051	-1.68052	0.194453	1.22249	1.22249	3.62686	3.80331	0.764814	1
cg10410482	C1orf33;C1orf33	0.0014082	0.026-01	0.124007	-4.66268	0.01776	0.185586	-1.86534	0.0178535	0.183758	-5.44138	0.0127232	0.748663	-1.33571	0.00010595	0.162418	-6.16025	0.0036374	0.404024	-2.4751	0.0313574	0.563889	-1.7734	0.0485113	0.595051	-1.68052	0.194453	1.22249	1.22249	3.62686	3.80331	0.764814	1
cg24373748	C1orf33;C1orf33	0.0113271	0.0909547	0.553681	-1.80609	0.00840343	0.15474	2.91174	0.472508	1.26111	2.66117	0.0225501	2.36451	2.30416	0.00015451	0.126928	-7.87845	0.168056	1.14047	1.14047	0.00747929	0.335129	-2.98392	0.0064245	0.192235	0.192235	0.172132	0.502273	-1.68841	0.804616	0.30172	1.419	1
cg08614659	C1orf33;C1orf33	0.00361788	0.323935	0.787441	-1.26994	0.688417	1.09917	1.09917	0.880863	0.965432	-1.03581	0.222694	0.74039	-1.35064	0.975074	1.00736	1.00736	0.039429	0.571847	-1.74872	0.246.05	0.169792	-5.88954	0.402783	0.818038	-1.22244	0.158801	1.42376	1.42376	8.09311	7.05271	0.774619	1
cg04677846	C1orf33;C1orf33	0.00031332	0.0077991	-1.47154	0.880397	0.7976	-1.10172	0.531061	1.18596	0.460581	0.8171555	-1.22376	0.144437	0.2525171	0.95926	0.0958911	0.612544	0.5178911	0.57145	-1.75016	0.0811588	0.594607	-1.68153	1.72457	0.84128	0.0075	1.6071	1.6071	5	1.6	0.86295	1
cg24352267	C1orf33;C1orf33	0.00805727	0.502725	0.84011	-1.19032	0.00380837	0.368049	-2.77103	0.0097494	0.432894	-2.31003	0.203197	1.41066	0.141066	0.605523	1.14276	1.14276	0.028896	1.32643	1.32643	0.560763	1.1626	1.1626	0.0041594	0.308091	-3.2458	0.0919242	0.621736	-1.6084	5.32992	5.57736	0.923636	1
cg18555653	C1orf33;C1orf33	0.00022664	0.0281685	2.26402	2.26402	0.00933706	4.72809	4.72809	0.0607976	1.94416	1.94416	0.243447	1.46789	1.46789	0.404287	1.08121	1.08121	0.464436	1.64045	1.64045	0.156132	0.658756	-1.51832	0.0587166	0.203237	0.203237	0.128527	0.745943	-1.34059	0.0358298	1.472147	-1.17799	5.86618	8.77393	1.32945	1
cg21705505	C1orf33;C1orf33	0.0128648	0.405153	1.26077	1.26077	0.00439945	2.81365	2.81365	0.0379981	1.92411	1.92411	0.479296	0.821911	-1.21668	0.0318701	0.5097	-1.96194	0.73128	0.91109	-1.09759	0.060812	0.64983	0.0330065	1.97055	1.97055	0.794158	1.03773	1.03773	5.44871	6.38741	1.04202	1
cg25487008	C1orf33;C1orf33	0.013898	0.1976384	1.38195	1.38195	0.0435134	1.33494	1.33494	0.0477565	1.29562	1.29562	0.342024	-1.06154	0.04342257	1.57234	1.57234	0.0203747	0.2118056	1.24972	1.24972	0.3496321	1.20635	1.20635	0.2852586	0.4523953	2.24972	0.00303992	4.52315	-2.20608	0.6143482	1.10401	1.10401	0.0425	1.56394	0.534506	0.1335626	1
cg02793062	C1orf33;C1orf33	0.0169244	0.0585827	0.575089	-1.73886	0.235336	0.724674	-1.37993	0.944573	1.01817	1.01817	0.000373915	0.229171	-4.36356	0.0368243	0.533709	-1.87368	0.90413	1.03169	1.03169	0.0777352	0.6019136	-1.66131	0.991797	0.997342	-1.00267	0.401512	0.8006664	-1.24896	4.97689	5.28432	0.943796	1
cg22104101	C1orf33;C1orf33	0.0249452	0.309396	1.2321	1.2321	0.904673	0.963647	-1.03772	0.0508819	0.502026	-1.99193	0.147643	0.618057	-1.61797	0.0642559	0.333948	-2.99448	0.0178207	0.222668	0.0018206	0.253653	-3.94242	0.2137	1.24702	1.14702	1.14702	0.4702	0.0199473	0.41883	-2.38703	0.624663	0.19424	1.35058	1
cg01500737	C1orf34;C1orf34	0.0154741	0.00306316	0.148128	-6.75093	0.230719	0.553172	-1.80776	0.0366363	0.318695	-3.13779	0.159493	0.492657	-2.02981	0.0421451	0.332035	-3.01173	0.18665	1.93331	1.93331	0.0670073	0.190879	-5.23893	0.529865	1.34945	1.34945	0.0354875	0.3157334	-3.16722	1.52759	18.0096	3.12203	1
cg15719339	C1orf34;C1orf34	0.012002	0.251507	1.31361	1.31361	0.907858	1.02671	1.02671	0.00128254	2.91213	2.91213	0.0580729	1.62863	1.62863	0.590277	1.13175	1.13175	0.191652	1.3699	1.3699	0.512163	1.16343	1.16343	0.9636155	1.01004	1.01004	0.00988452	2.1006	2.1006	1.99379	3.27927	0.72986	1
cg27205487	C1orf34;MIR12582);C1orf34	0.00518161	0.0109977	1.94307	-1.64508	0.0178	0.185325	-1.86534	0.0178535	0.183758	-5.44138	0.0127232	0.748663	-1.33571	0.00010595	0.162418	-6.16025	0.0036374	0.404024	-2.4751	0.0313574	0.563889	-1.7734	0.0485113	0.595051	-1.68052	0.194453	1.22249	1.22249	3.62686	3.80331	0.764814	1
cg05443364	C1orf34;MIR12582);C1orf34	0.0129264	0.0241432	0.622236	-2.16344	0.34249	1.32262	1.32262	0.0254663	2.14276	2.14276	0.848351	1.05648	1.05648	0.0754705	0.373109	-2.68018	0.250234	0.708329	-1.41177

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error
cg12240207	C1orf91;C1orf91;C1orf91	0.00804369	0.495251	1.080951	1.18051	1.304228	0.80783	-1.12634	0.00135212	0.594276	-1.66272	0.00146112	0.598183	-1.67173	0.2608834	0.879427	-1.1371	0.0402434	1.30341	1.30341	0.673427	0.953709	-1.04854	0.615227	0.911277	-1.09736	0.501689	1.07923	1.07923	1.25406	0.176009	1
cg17266238	C1orf94	0.00944561	0.00050536	1.183125	-5.46076	1.278417	0.703297	-1.42187	0.228505	0.673875	-1.48395	0.366382	1.33618	1.358107	0.870229	-1.14912		0.0256773	0.437081	-2.28791	0.685916	0.880761	-1.13538	0.608622	0.851047	-1.17502	0.00253826	0.270271	-3.69999	0.01919	9.29783	1.37306	1
cg01357003	C1orf99	7.37E-05	0.000583994	0.643655	-1.55363	0.00291436	0.717488	-1.39375	0.0154351	0.789321	-1.26691	0.369804	1.07384	1.07384	7.49E-05	0.541612	-1.84634		0.000285256	0.609077	-1.64183	0.0139434	0.785032	-1.27383	5.70E-05	1.89596	1.89596	0.000460867	0.632382	-1.58132	31.7549	2.92183	0.0715647	1
cg25316428	C1orf99	0.00596951	0.340934	0.792062	-1.26252	0.1440138	0.688778	-1.45185	0.301482	0.853466	-1.28955	0.271177	0.31273	1.31273	0.341115	0.79214	-1.2624		0.400427	1.22686	1.22686	0.28941	0.77012	-1.2985	0.00015218	0.680305	4.68005	0.184332	0.715702	-1.39723	0.95008	6.23077	0.794135	1
cg14221936	C1orf99	0.0213164	0.0491739	0.664728	-1.50438	0.00946502	0.5499	-1.81851	0.015464	0.582575	-1.71652	0.520524	0.888291	-1.12576	0.0222347	0.607453	-1.64622		0.249369	0.803356	-1.24478	0.0145725	0.578566	-1.72841	0.117508	1.36233	1.36233	0.0740391	0.696233	-1.43632	4.60345	2.41163	0.465667	1
cg04188095	C1orf99	0.0238633	0.0525137	0.464015	-2.1551	0.0106762	0.326986	-3.05823	0.156881	0.590174	-1.69441	0.149142	1.71393	1.71393	0.634229	1.18168	1.18168		0.0248894	0.393933	-2.5385	0.574949	0.820916	-1.21815	0.0745308	1.99763	1.99763	0.031271	0.414746	-2.41111	4.42815	8.50735	1.70773	1
cg12118972	C1orf99	0.0313396	0.018643	0.519169	-1.92616	0.00172551	0.357788	-2.79495	0.0361872	0.571249	-1.75055	0.163506	0.710473	-1.40751	0.0682412	0.62543	-1.5989		0.177821	0.719535	-1.38979	0.52988	0.863915	-1.15752	0.9806097	0.994454	-1.00558	0.0488825	0.596317	-1.67696	4.03296	3.37485	0.743838	1
cg15475977	C1orf99	0.0404794	0.0114604	0.513804	-3.1807	0.00624102	0.322334	-3.08549	0.0465059	0.419151	-2.38486	0.294866	0.671637	-1.4899	0.311606	0.681439	-1.46748		0.192943	0.603611	-1.6567	0.8007292	1.09567	1.09567	0.79019	1.13023	0.0236101	0.371473	-2.69199	3.667	7.79642	1.88987	1
cg05503179	C2orf03;NSRP1	0.00412495	0.07897002	0.7479726	-1.33703	0.00176307	2.57795	2.57795	0.126325	1.29525	1.27925	0.1249676	1.27626	1.278764	0.8083938	-1.23702		0.44578	0.8907715	-1.12269	0.0328812	0.689629	-1.45006	0.484342	0.899584	-1.11163	0.600431	0.924321	-1.08188	7.77996	2.732	0.312141	1
cg14937695	C2orf13;SNRPD3	0.0254644	0.905489	0.991246	-1.00883	0.0402402	0.83909	-1.19177	0.233056	1.09698	1.09698	0.460234	0.945864	-1.05723	0.0309136	1.20634	1.20634		0.0109123	1.26674	1.26674	0.072792	1.1597	1.1597	0.338774	1.07572	1.07572	0.0155628	1.24559	1.24559	4.3294	0.375747	0.0771462	1
cg09255637	C2orf13;SNRPD3;SNRPD3	0.00771777	0.101471	1.58533	1.1.E+07	0.6469717	0.0.E+00	1.28802	0.0638234	1.19377	1.19377	0.0412393	1.19377	1.19377	0.2139144	1.19377		0.00040274	1.235778	1.235778	1.4227	0.51104	0.87553	-1.14089	0.307995	0.793284	1.16645	1.16645	0.54622	6.08779	0.929686	1
cg10959773	C2orf13;SNRPD3;SNRPD3	0.0180719	0.00938734	0.670738	-1.4909	0.0885552	1.25588	1.25588	0.0266439	1.19373	1.19737	0.0266439	0.727204	-1.37513	0.0943403	1.00866	1.00866		0.552526	0.929726	-1.07559	0.591577	0.936432	-1.06788	0.800311	1.03121	1.03121	0.0619016	1.29038	1.29038	0.873436	0.207007	1
cg02291902	C2orf15	0.00104753	0.00548352	0.645043	-1.54598	0.00904578	0.642281	-1.55527	0.00326522	0.630901	-1.63917	0.757998	0.96261	-1.03882	0.00194754	0.661824	-1.51103		0.109618	0.806577	-1.23981	0.00479347	0.508996	-1.96465	0.0022728	0.125404	1.22654	0.0236013	0.716689	-1.3953	11.52888	2.77307	0.219808	1
cg10756887	C2orf15	0.0122538	0.3928014	0.8451557	-1.18827	0.798004	1.05182	1.05182	0.421011	1.08356	-1.2017	0.0141094	1.81657	1.81657	0.491459	0.971363	-1.0763		0.938188	1.0154	1.0154	0.00196964	2.36745	2.36745	0.00311516	2.22829	2.221829	0.2737374	1.25159	1.25159	5.53574	3.40429	0.546637	1
cg00802408	C2orf23;PQLC2;PQLC2	0.0013753	0.000824256	2.47005	2.43795	0.936799	0.10434	1.01434	0.00170708	0.447043	-2.23499	0.147282	1.32209	1.32209	0.0209623	1.64662	1.64662		0.000864994	0.474088	-2.45406	0.361267	0.81041	0.08262	1.08262	0.705065	0.934005	-1.07066	0.107463	0.745647	0.453837	1
cg14127659	C2orf23;PQLC2	0.000637488	0.000474549	2.737821	-1.65498	0.000385172	0.262463	-1.81056	0.0026554	0.582769	-1.57509	0.0450562	2.1975	2.1975	0.0117169	0.502704	-1.98907		0.00266048	0.73551	-1.35971	0.0015801	0.301019	-3.32127	0.0115651	0.293159	1.02848	0.0130992	0.483526	-2.06814	13.356	11.7957	0.785046	1
cg16891880	C2orf23;PQLC2	0.00591534	0.566847	1.16904	1.16904	0.0313575	0.505972	-1.9764	0.207049	1.43188	1.43188	0.392705	0.789597	-1.26647	0.0874889	1.66354	1.66354		?	?	?	0.000375028	0.215572	-4.63883	0.561528	1.17161	1.17161	0.104786	1.61331	1.61331	7.16286	7.29276	1.02472	1
cg01956354	C2orf23;PQLC2	0.00655343	0.464157	0.88316	-1.1323	0.615964	0.907257	-1.10222	0.765071	0.951253	-1.09125	0.00193335	0.35139	-2.84746	0.910315	0.881384	-1.01897		0.623011	0.920247	-1.08666	0.0142013	0.603803	-1.65617	0.136877	1.30634	1.30634	0.018692	0.626194	-1.60851	6.79219	2.97407	0.391519	1
cg02545266	C2orf23;PQLC2;PQLC2	0.0014952	0.304828	0.7785119	-1.55	0.0648104	0.978351	-1.49716	0.0129485	0.650252	-1.47918	0.0132042	1.56269	1.56269	-1.77935	0.2401105	1.25288	1.25288	0.0300666	0.620357	-1.61198	0.026105	0.2496797	0.000426	1.68431	1.684301	0.148492	5.81774	0.493012	1
cg01583647	C2orf23;PQLC2;PQLC2	0.0228826	0.0939433	1.15085	1.15085	0.937245	1.00603	1.00603	0.226479	1.10173	1.10173	0.00429799	0.747293	-1.33816	0.437553	0.941376	-1.06227		0.499324	1.05371	1.05371	0.690271	1.03103	1.03103	0.512478	0.950586	-1.05198	0.00553938	1.32057	1.32057	4.49278	0.414103	0.0819296	1
cg22250642	C2orf23;PQLC2;PQLC2	0.0301553	?	?	?	0.484617	0.0.E+00	-1.9573	0.0004236	0.6329514	-30.3477	?	?	?	?	?		?	?	?	0.480569	0.545586	-1.83256	?	?	?	0.01254	21.3651	7.09166	1
cg00907604	C2orf24	0.0219309	0.452486	0.832772	-1.20081	0.0458465	0.578534	-1.72851	0.137686	0.707462	-1.4135	0.865784	1.04127	1.04127	0.00297603	0.377404	-2.64968		0.76724	0.931493	-1.07355	0.0030317	0.378554	-2.64163	0.185315	0.71474	-1.39911	0.601597	0.88166	-1.13442	4.12664	3.73608	0.804761	1
cg00457501	C2orf24;YWHAH	0.0126642	0.00899515	0.695052	-1.43918	0.0884889	1.01102	1.01102	0.913467	0.993545	1.03675	0.0014433	0.9845057	-1.0162	0.0005655	1.26726	1.26726		0.176475	0.914227	-1.09358	0.0408709	0.802497	-1.24622	0.0178973	0.900567	-1.11041	0.0174778	0.911925	-1.09658	0.358827	0.0795665	1
cg03814826	C2orf24;YWHAH	0.025533	0.15392	0.774791	-1.29067	0.00318147	2.17118	2.17118	0.288633	0.831825	-1.20218	0.60306	1.09165	1.09165	0.984457	1.00326	1.00326		0.418951	1.14803	1.14803	0.0289405	0.650203	-1.53798	0.615334	0.918799	-1.08838	0.878271	1.02595	1.02595	4.32534	1.91409	0.393359	1
cg03106180	C2orf24;YWHAH	0.0375576	0.0250137	1.44391	1.44391	0.529378	0.915961	-1.09175	0.655757	1.06376	1.06376	0.0564276	0.777664	-1.2859	0.0221408	0.685289	-1.45932		0.470206	1.10651	1.10651	0.0508331	1.35866	1.3586	0.2016	0.804946	-1.2041	0.117942	1.2635	1.2635	3.76204	0.113299	0.267191	1
cg22478328	C2orf24;YWHAH	0.0892061	0.5454202	1.139253	1.139253	0.719541	1.04213	1.04213	0.0806106	0.882525	1.06502	0.4502562	2.1975	2.1975	0.0117169	0.502704	-1.98907		0.401853	1.10518	1.10518	0.1327	0.783497	-1.27617	0.0115651	0.293159	-1.19976	0.00172562	0.559942	-1.78611	0.184376	0.0844175	1
cg16242087	C2orf24;YWHAH	0.0430135	0.3259318	0.784425	-1.27482	0.137345	1.46676	1.46676	0.254248	1.32974	1.32974	0.324543	0.783848	-1.27576	0.502692	0.849732	-1.17684		0.984471	1.00467	1.00467	0.0015125	0.334914	-2.98584	0.209785	0.728763	-1.37219	0.489597	0.845339	-1.18296	5.58543	3.25395	0.806709	1
cg19764125	C2orf24;YWHAH;YWHAH	0.0199143	0.915094	0.980685	-1.01937	0.0328004	0.727585	-1.37514	0.0938166	0.810545	1.00545	0.0955253	0.992206	-1.00795	0.0018935	0.35139	-2.84746		0.0536784	0.818377	-1.2233	0.651426	0.92625	1.0425	0.0972903	0.920333	1.30333	0.140886	0.948008	-1.05074	0.674143	0.624459	0.117914	1
cg06462684	C2orf24;YWHAH;YWHAH	0.0410815	0.0409886	0.298448	-3.35067	0.868161	1.08891	1.08891	0.641915	1.27137	1.27137	0.669977	0.809561	-1.23545	0.0261761	0.287053	-3.48368		0.0369715	0.6599	-1.51496	0.0207152	0.107738	-9.2818	0.0302225	0.130228	-7.67886	0.43157	0.96252	1.04562	0.0.E+00	0.0.E+00	1
cg17940740	C2orf27	0.0439176	0.365602	1.51088	1.51088	0.017822	2.23418	2.23418	0.761429	0.918528	-1.0887	0.509813	1.20514	1.20514	0.0493264	0.534666	-1.87035		0.048954	1.8728	1.8728	0.837937	1.05882	1.05882	0.0146548	2.13132	2.13132	0.22954	1.42172	1.42172	1.55775	4.38878	1.09652	1
cg26431343	C2orf28	0.0285275	0.1282426	0.7624467	-1.31157	0.4646417	0.97547	-1.0439	0.0008852	0.784497	2.78407	2.78407	1.263696	1.263696	1.3.E+00	1.263696		0.71288	0.940821	-1.06261	0.7.E+00	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1
cg03175417	C2orf28	0.0206947	0.383554	0.686451	-1.45677	0.0426079	0.374127	-2.67224	0.847389	0.448103	-2.23163	0.0158318	0.288075	-3.47132	0.0019343	0.157691	-6.34152		0.021464	1.312459	-3.20042	0.0161475	0.289606	-3.45196	0.593805	0.79719	-1.25441	0.0393558	0.566325	-2.72833	6.65021	13.0571	2.49588	1
cg00542638	C2orf29	0.0077485	0.00078034	0.5444	-1.83557	0.0.E+00	0.0.E+00	2.18043	0.0.E+00	1.80043	2.64723	0.0.E+00	2.64723	0.0.E+00	2.64723	0.0.E+00		0.176475	0.914227	-1.09358	0.0408709	0.802497	-1.24622	0.0178973	0.900567	-1.11041	0.0174778	0.911925	-1.09658	0.358827	0.0795665	1
cg13570637	C2orf25	0.0426367	0.0283744	0.306414	-3.26356	0.863834	0.924537	-1.08162	0.0532549	0.366494	-2.72856	0.592589	0.78122	-1.28005	0.032714	0.319111	3.1337		0.115446	0.457363	2.18645	0.00299559	0.155599	-6.42678	0.319992	0.625165	-1.59958	0.0542679	0.368646	-2.714	1.59718	1.90424	2.94161	1
cg08805037	C2orf25	0.0445	0.110087	0.564744	-1.77077	0.89013	0.955665	-1.04639	0.00292265	0.261478	-3.82441	0.273379	0.687988	-1.45351	0.0169483	0.384617	-2.59999		0.0910106	0.54292	-1.84189	0.03067	0.441478	-2.26512	0.144062	0.597557	-1.67348	0.638389	0.856157	-1.16801	5.04229	0.635661	1.51541	1
cg00390494	C2orf25;MIR185	0.0046617	0.152002	0.7.E+00	0.0.E+00	0.0.E+00	1.58243	0.0.E+00	0.0.E+00	1.58243	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00		0.173567	1.753115	1.753115	0.1.E+00	1.58243	1.58243	1.58243	1.58243	1.58243	1.58243	1.58243	1.58243	1.58243	1.58243	1.58243	1
cg23095720	C2orf25;MIR185	0.0110987	0.0103746	0.69137	-1.4464	0.0739074	0.796326	-1.25577	0.847181	0.978183	-1.0223	0.638608	1.05557	1.05557	0.403853	0.906957	-1.10259		0.0611676	1.2728	1.2728	0.00105659	1.73977	1.73977	0.8174	1.0268	1.0268	0.655911	0.95002	-1.05261	5.71604	1.18336	0.184022	1
cg00504285	C2orf25;MIR185	0.0268541	0.628534	1.185863	1.185863	0.4387531	1.05751	1.05751	0.0135301	0.607113	-1.64714	0.0226889	0.821798	-1.21708	0.0220241	0.608324	-1.64382		0.62688	1.0.E+00	1.0.E+00	0.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1.0.E+00	1
cg23691090	C2orf26;LOC150381	0.0416219	0.0200017	3.45725	3.938596	0.966577	-1.03458	0.360538	1.51502	1.51502	0.0126089	3.98806	3.98806	0.0195	0.1235	2.53954		0.0935549	4.442595	-2.2594	0.924516	0.98982	-1.02477	0.371271	0.666488	-1.5004	0.2229332	0.387	2.58	0.0.E+00	0.0.E+00	1
cg27140247	C2orf26;LOC150381	0.0139369	0.0215827	1.87316	1.87316	0.1226102	0.683491	-1.46308	0.00813011	2.16121	2.16121	0.0746846	1.57084	1.57084	0.182769	1.37931	1.37931		0.199786	1.36085	1.36085	0.00442105	2.3729	2.3729	0.0980297	1.51106	1.51106	0.00818729	2.15893	2.15893	5.30776	4.34921	0.72836	1
cg00785112	C2orf26;LOC150381	0.0516768	0.0458574	1.85863	1.85863	0.1.E+00	0.607153	-1.65751	0.0138501	0.607113	-1.64714	0.0226889	0.821798	-1.21708	0.0220241	0.608324	-1.64382		0.62688	0.9.E+00	0.9.E+00	0.0.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	0.9.E+00	1
cg23691090	C2orf26;LOC150381	0.0416219	0.0200017	3.45725	3.938596	0.966577	-1.03458	0.360538	1.51502	1.51502	0.0126089	3.98806	3.98806	0.0195	0.1235	2.53954		0.0935549	4.442595	-2.2594	0.924516	0.98982	-1.02477	0.371271	0.666488	-1.5004	0.2229332	0.387	2.58	0.0.E+00	0.0.E+00	1
cg18896476	C2orf27	0.0084275	0.0091971	1.6843	1.6843	0.0.E+00	0.0.E+00	1.68431	0.0.E+00	1.68431	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00		0.0.E+00	1.68431	1.68431	0.0.E+00	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1.68431	1
cg07459594	C2orf27	0.0085361	0.209821	1.27196	1.27196	0.544248	0.871611	-1.1473	0.162978	1.39572	1.39572	0.0083308	2.12751	2.12751	0.783019	1.06375	1.06375		0.0345691	0.575946	-1.73627	0.183119	1.36627	1.36627	0.00486683	3.40077	3.40077	0.705221	1.08881	1.08881	6.21166	4.91115	0.705648	1
cg16210808	C2orf27	0.0242698	0.207886	0.604701	-1.51334	0.0102482	0.623544	2.36586	0.0135494	0.50564	2.50564	0.0144032	2.19314	2.19314	0.0496913	0.767445	-1.30302		0.156536	0.459521	-1.6792	0.0048546	0.0.E+00	-1.04546	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1
cg02511871	C2orf27	0.0250937	0.0127355	0.804603	-1.81954	0.0332627	0.136606	-2.10331	0.137248	0.277903	-3.5838	0.0423251	0.159141	-4.28374	0.0121851	0.0821707	-12.1698		0.0369715	0.6599	-1.51496	0.0207152	0.107738	-9.2818	0.0302225	0.130228	-7.67886	0.43157	0.96252	1.04562	0.0.E+00	0.0.E+00	1
cg17940740	C2orf27	0.0439176	0.365602	1.51088	1.51088	0.017822	2.23418	2.23418	0.761429	0.918528	-1.0887	0.509813	1.20514	1.20514	0.0493264	0.534666	-1.87035		0.048954	1.8728	1.8728	0.837937	1.05882	1.05882	0.0146548	2.13132	2.13132	0.22954	1.42172	1.42172	1.55775	4.38878	1.09652	1
cg26431343	C2orf28	0.0285275	0.1282426	0.7624467	-1.31157	0.4646417	0.97547	-1.0439	0.0008852	0.784497	2.78407	2.78407	1.263696	1.263696	1.3.E+00	1.263696		0.71288	0.940821	-1.06261	0.7.E+00	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1.263696	1
cg25362744	C2orf28	0.0208683	0.375023	-2.6665	0.503156	0.861993	-1.1601	0.135913	0.703828	-1.4208	0.856281	0.961151	-1.04042	0.0380316	0.332962	3.00335		0.0158428	0.52418	-1.90774	0.0167075	0.374376	-2.67111	0.530021	1.14917	1.14917	0.1037	0.677406	-1.47622	7.55845	5.71851	0.672508	1
cg09248109	C2orf28	0.0212427	0.39458	0.873837	-1.14431	0.0242221	1.80799	1.80799	0.00519743	1.76859	1.76859	0.1538	1.26709	1.26709	0.764246	1.04712	1.04712		0.0104818	1.64547	1.64547	0.0515414	1.78135	1.78135	0.0.E+00	0.988498	-1.01164	0.0894297	1.34479	1.34479	5.69162	2.14401	0.516464	1
cg19380675	C2orf28	0.0122681	0.1255919	-1.62454	0.176104	0.615742	-1.39146	-2.53452	0.639837	0.810747	-1.23343	0.00598603	0.3513139	-2.84631	0.0.E+00	0.0.E+00		0.00965987	0.387192	-2.5827	0.00205599	0.284316	-3.51722	0.0930411	0.585449	-1.70809	0.7895099	0.925407	-1.08061	4.52826	5.02073	0.518184	1
cg19972590	C2orf28	0.0373205	0.0988206	0.328876	-3.04066	0.70684	0.792816	-1.26133	0.0922013	0.32017	-3.12234	0.698363	0.787189	-1.27034	0.0144434	0.156883	-6.37417		0.0317857	0.213007	-4.69469	0.0028702	0.0805421	-12.4159	0.0500158	0.253283	-3.94816	0.201932	0.436951	-2.28859	1.77796	22.5915	5.3154	1
cg15175577	C2orf28;C2orf28	0.0005637	0.0288807	0.4844202	-2.06435	0.0.E+00	0.0.E+00	-2.1803	0.04153	0.695683	-1.44495	0.00349894	0.8130369	-1.22995	0.0.E+00	0.0.E+00		0.0297247	0.14302	-6.99238	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1
cg02725334	C2orf30	0.0250367	0.1789944	0.6226201	-1.60616	0.1254004	1.73402	1.73402	0.222233	0.653291	-1.53071	0.00746749	0.313664	0.313664	0.00722452	0.163693	-3.15963		0.176532	0.620754	-1.61094	0.00244474	0.133733	-7.4776	0.0409967	0.457179	-2.18733	0.119531	0.570863	-1.75173	9.02814	15.7487	1.55058	1
cg00103717	C2orf30	0.0238415	0.0026376	0.584135	-1.71191	0.00037568	0.197559	-3.19759	0.367775	0.71267	1.12677	0.0131933	0.972735	-1.48647	0.499662	0.915393	-1.09243		0.0698784	1.29888	1.29888	0.653161	0.89071	-1.05951	0.0.E+00	0.954458	-1.17005	0.0754829	0.929488	-1.07586	4.59453	2.09431	0.234125	1
cg18103606	C2orf30	0.0039696	0.0003579567	0.547289	-1.82719	0.253278	0.113379	-1.13379	0.123692	0.839056	-1.19181	0.335999	0.900859	-1.11005	0.0159402	0.620732	-1.611		0.0158176	0.732619	-1.36497	0.0634338	0.588586	-1.69905	-1.07307	0.177503	1.16279	1.16279	0.785765	1.38065	0.155927	1
cg16843241	C2orf30	0.0148298	0.0254725	1.8866	1.8866	0.172017	0.706404	-1.41562	0.150989	0.691745	-1.44562	0.069394	1.6252	1.6252	0.204019	1.37779	1.37779		0.095303	1.54983	1.54983	0.00226177	2.77729	2.77729	0.0207708	1.94538	1.94538	0.1031555	1.53143	1.53143	5.20027	4.70748	0.804655	1
cg09322114	C2orf30	0.0238814	0.0023316	0.184307	-5.42713	0.0.E+00	0.0.E+00	-5.42713	0.0.E+00	0.184823	-5.41823	0.0.E+00	0.184823	-5.41823	0.2401817	0.417787	-2.39305		0.0.E+00	0.184823	-5.41823	0.2401817	0.417787	-2.39305	0.0.E+00	0.184823	-5.41823	0.2401817	0.417787	-2.39305	0.0.E+00	0.184823	-5.41823	0.2401817	0.417787	-2.39305	1
cg19035993	C2orf30	0.0368782	0.219185	0.639486	-1.56376	0.0113008	0.333634	-2.9973	0.875181	1.0559	1.0559	0.636442	1.17909	1.17909	0.108758	0.545945	-1.83169		0.0028476	0.261443	-3.82478	0.0146348	0.616346	1.19099	1.19099	0.585214	0.826387	-1.21009	0.0731104	0.498103	-2.00762	3.79442	7.19433	1.68536	1
cg15586096	C2orf31	0.0245386	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	-3.55554	0.0.E+00	0.0.E+00	-2.86116	0.1.E+00	0.1.E+00	0.1.E+00	0.428728	2.33248	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1
cg22512377	C2orf32	0.0437398	0.595297	-1.67983	0.000629063	0.28349	0.28349	0.925245	0.01227	0.01227	?	?	?	?	0.938235	1.01012	1.01012		0.00770954	0.62914	-1.58947	0.4.0E-05	0.320688	-3.1183	0.237289	1.17596	1.17596	0.652503	0.942729	-1.06075	0.20841	4.67645	0.203738	1
cg21832731	C2orf32	0.0081296	0.7

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18610894	C2CD2;C2CD2	0.0446355	0.06152	0.352839	-2.83415	0.832926	0.900793	-1.11013	0.0558859	0.342573	-2.91908	0.587742	1.31091	1.31091	0.373725	0.636599	-1.57085	0.438797	1.47783	1.47783	0.00184785	0.112323	-8.90292	0.752748	0.855299	-1.16918	0.163299	0.479068	-2.08739	3.53627	13.7006	3.44383	1
cg23884964	C2CD2L	0.00252146	0.850936	0.97088	-1.02999	0.00363603	1.85535	1.85535	0.00077057	2.22524	2.22524	0.515885	0.901689	-1.10903	0.0378177	1.45987	1.45987	0.185657	1.24665	1.24665	0.00129528	0.478907	-2.08809	0.444138	1.13038	1.13038	0.964994	1.00692	1.00692	9.00935	3.52101	0.347393	1
cg15212210	C2CD2L	0.00290362	0.00400452	2.14562	2.14562	0.608542	1.10735	1.10735	0.101222	1.42514	1.42514	0.457609	0.861296	-1.16104	0.222836	0.776573	-1.28771	0.00950404	1.91276	1.91276	0.000525537	2.90549	2.90549	0.00109159	2.58859	2.58859	0.578816	1.11705	1.11705	8.64146	5.33311	0.548581	1
cg25611931	C2CD2L	0.00411141	0.369763	0.910427	-1.09839	0.000437691	1.76131	1.76131	0.0550537	1.24809	1.24809	0.43567	0.92217	-1.0844	0.0167269	0.742629	-1.34657	0.183331	0.866034	-1.15469	0.0930986	0.828439	-1.20709	0.242788	0.882909	-1.13262	0.0272424	1.30502	1.30502	7.78769	1.28019	0.146122	1
cg03947203	C2CD2L	0.0118601	0.276448	1.73412	1.73412	0.412632	0.665424	-1.5028	0.00711099	0.184358	-5.42422	0.0310817	0.292102	-3.42346	0.00203438	0.120597	-8.29205	0.161197	0.48303	-2.07026	0.0554365	2.87406	2.87406	0.904218	1.06029	1.06029	0.117516	0.437484	-2.2858	5.59473	20.9541	3.32917	1
cg22259797	C2CD2L	0.0146595	0.705643	0.879762	-1.13667	0.00851525	0.321905	-3.10651	0.140653	0.585649	-1.70751	0.0768892	0.514716	-1.94282	0.91194	0.963342	-1.03805	0.53461	1.23653	1.23653	0.00236566	4.18461	4.18461	0.282456	1.45797	1.45797	0.12139	0.56726	-1.76286	5.22015	9.42233	1.60444	1
cg24792813	C2CD2L	0.0330912	?	?	?	0.00653802	0.361934	-2.76293	0.420098	0.78904	-1.26736	0.015443	2.35079	2.35079	?	?	?	0.501619	1.21673	1.21673	0.413344	0.786195	-1.27195	0.386875	1.29063	1.29063	0.544511	0.838262	-1.19294	4.09235	4.17079	1.16476	1
cg11323020	C2CD2L;C2CD2L	0.0316252	0.658422	1.26173	1.26173	0.694548	1.22903	1.22903	0.472141	1.46544	1.46544	0.160245	0.456607	-2.19006	0.402444	1.56478	1.56478	0.00131425	0.086875	-11.5108	0.0444506	0.299372	-3.34033	0.272115	0.55028	-1.81726	0.489386	1.44332	1.44332	4.01074	17.344	3.8439	1
cg23558831	C2CD2L;C2CD2L	0.0320138	0.050475	1.46806	1.46806	0.0585289	0.692044	-1.445	0.38997	1.16384	1.16384	0.0740602	1.40898	1.40898	0.550572	0.901211	-1.10962	0.198274	0.791221	-1.26387	0.581816	1.10054	1.10054	0.346862	1.18156	1.18156	0.00623608	0.541177	-1.84783	3.99326	1.87613	0.41762	1
cg16126671	C2CD3	0.00409395	0.00735943	0.444979	-2.2473	0.976289	0.993057	-1.00699	0.0791814	0.633266	-1.57912	0.124374	0.677032	-1.47704	0.00803732	0.451118	-2.21672	0.15846	0.702297	-1.4239	0.000169788	0.223343	-4.47743	0.901876	1.02934	1.02934	0.00642652	0.435633	-2.29551	7.7977	6.78646	0.773614	1
cg25354814	C2CD3	0.00901306	0.481668	0.833307	-1.20004	0.740439	0.918728	-1.08846	0.918637	1.0264	1.0264	0.808565	1.06384	1.06384	0.000128905	0.183277	-5.45622	0.237329	0.729314	-1.37115	0.920921	0.974999	-1.02564	0.58245	1.1521	1.1521	0.037102	0.539484	-1.85362	6.10956	6.29067	0.915239	1
cg23799558	C2CD3	0.0398729	0.534528	1.13712	1.13712	0.133335	0.718358	-1.39206	0.656648	1.09571	1.09571	0.831232	1.04456	1.04456	0.0016118	2.51877	2.51877	0.956862	0.989011	-1.01111	0.0543543	1.56204	1.56204	0.909945	1.02338	1.02338	0.298827	0.802533	-1.24605	3.68745	2.43715	0.587493	1
cg23558650	C2CD3;C2CD3;PPME1	0.0401568	0.0659639	0.61383	-1.62912	0.0466953	1.71399	1.71399	0.152381	1.43718	1.43718	0.133195	0.681642	-1.46705	0.0855636	0.637882	-1.56769	0.108401	0.660779	-1.51336	0.619848	1.12559	1.12559	0.228031	0.741303	-1.34898	0.0455036	1.72051	1.72051	3.67783	3.26027	0.787969	1
cg11503359	C2CD3;PPME1	0.0230294	0.712047	0.932916	-1.07191	0.137163	1.3497	1.3497	0.165738	1.319	1.319	0.411607	1.17029	1.17029	0.127355	1.36179	1.36179	0.98133	1.00439	1.00439	0.000823482	0.389142	-2.56975	0.530224	0.887725	-1.12647	0.867566	0.969225	-1.03175	4.48288	2.49077	0.493882	1
cg00456672	C2CD4A	0.000442013	0.00284186	0.50774	-1.96951	0.111698	0.751423	-1.33081	0.743391	0.947249	-1.05569	0.694309	1.06733	1.06733	0.000224243	0.363158	-2.75362	0.184142	0.792612	-1.26165	1.50E-05	0.227445	-4.39666	0.783514	1.04648	1.04648	0.0647738	0.710216	-1.40802	14.7868	6.37373	0.383149	1
cg15031106	C2CD4A	0.00971484	0.0434226	0.543954	-1.83839	0.000552697	0.24523	-4.0778	0.0122716	0.441437	-2.26533	0.055616	0.566317	-1.7658	0.763282	0.92387	-1.0824	0.408461	1.24813	1.24813	0.0871011	0.609407	-1.64094	0.0250695	0.497243	-2.01109	0.576775	1.15929	1.15929	5.9655	6.49314	0.96751	1
cg19294311	C2CD4A	0.0343403	0.318551	0.612198	-1.63346	0.644183	1.24779	1.24779	0.239992	1.79611	1.79611	0.286057	1.69445	1.69445	0.022964	0.273949	-3.65031	0.74135	0.854139	-1.17077	0.0317164	0.30162	-3.31543	0.00851002	4.94508	4.94508	0.492273	1.39372	1.39372	3.89382	13.9724	3.18965	1
cg04569583	C2CD4A	0.0358581	0.899821	1.08207	1.08207	0.923018	1.0624	1.0624	0.938778	1.04928	1.04928	0.620612	0.731625	-1.36682	0.0355828	0.216075	-4.62802	0.047897	0.242568	-4.12256	0.00236328	0.0702347	-14.238	0.0324517	0.20845	-4.79732	0.0784353	0.293971	-3.40169	3.83333	23.8123	5.52169	1
cg01184271	C2CD4B	0.00739199	0.0286717	3.01252	3.01252	0.0104152	3.9676	3.9676	0.354651	1.50207	1.50207	0.470536	1.3684	1.3684	0.0296133	2.98664	2.98664	0.618541	1.2392	1.2392	0.000179612	15.0279	15.0279	0.0705004	2.37183	2.37183	0.062899	2.44492	2.44492	6.50348	18.8023	2.56988	1
cg15188182	C2CD4B	0.0211115	0.037048	3.54251	3.54251	0.00488808	7.0182	7.0182	0.233437	1.92053	1.92053	0.132716	2.33364	2.33364	0.0190364	4.40532	4.40532	0.21199	1.98732	1.98732	0.00248363	8.99413	8.99413	0.322368	1.70575	1.70575	0.0223491	4.17831	4.17831	4.61867	19.9607	3.84156	1
cg01506130	C2CD4C	5.90E-05	3.00E-06	0.63519	-1.57433	0.319392	0.958905	-1.04286	0.00242516	1.1879	1.1879	0.000132481	1.31038	1.31038	0.130177	0.93551	-1.06894	0.174752	1.06063	1.06063	0.107684	0.930909	-1.07422	0.858197	0.992733	-1.00732	0.95436	1.00234	1.00234	25.4822	0.671208	0.0234136	1
cg01133401	C2CD4C	0.013975	0.211488	0.841233	-1.18873	0.00817218	0.64111	-1.55979	0.307666	1.14877	1.14877	0.412747	1.11626	1.11626	0.20101	1.19407	1.19407	0.063453	1.31536	1.31536	0.00730586	0.634883	-1.57509	0.965014	0.994256	-1.00578	0.0243401	1.42258	1.42258	5.303	1.44881	0.242849	1
cg00044995	C2CD4C	0.036484	0.0105427	0.617399	-1.6197	0.156489	0.796793	-1.25503	0.807741	1.03721	1.03721	0.857108	0.97335	-1.02738	0.742402	1.05067	1.05067	0.0742543	1.3473	1.3473	0.0801976	0.747597	-1.33762	0.0456825	0.709373	-1.4097	0.0650307	1.36409	1.36409	3.8093	1.3551	0.316209	1
cg05021743	C2CD4D;LOC100132111	0.0265532	0.032429	17.4174	17.4174	0.0437168	14.0903	14.0903	0.145003	5.96539	5.96539	0.101422	7.74008	7.74008	0.0144056	31.2353	31.2353	0.0290038	18.8583	18.8583	0.00528079	66.4283	66.4283	0.0134142	32.9098	32.9098	0.0402236	14.9471	14.9471	4.26654	87.9806	18.3298	1
cg04296699	C2CD4D;LOC100132111	0.0270796	0.0390718	11.5481	11.5481	0.0513104	9.70998	9.70998	0.239177	3.53507	3.53507	0.117794	5.69725	5.69725	0.0255094	15.1652	15.1652	0.0344538	12.5119	12.5119	0.00435592	49.5105	49.5105	0.00888099	30.3013	30.3013	0.0358425	12.2006	12.2006	4.23729	70.4246	14.7735	1
cg10781408	C2CD4D;LOC100132111	0.0352943	0.0456583	11.8987	11.8987	0.0530675	10.7566	10.7566	0.23358	3.85621	3.85621	0.142161	5.50336	5.50336	0.024675	18.0117	18.0117	0.0367121	13.7754	13.7754	0.00701051	43.2934	43.2934	0.0124416	28.8301	28.8301	0.0371678	13.6616	13.6616	3.85542	71.317	16.4425	1
cg15015892	C2CD4D;LOC100132111	0.0436145	0.0400338	10.3579	10.3579	0.0473468	9.34743	9.34743	0.166359	4.27917	4.27917	0.164142	4.31638	4.31638	0.0175657	17.2276	17.2276	0.0436121	9.82924	9.82924	0.0109675	23.2066	23.2066	0.019991	15.8917	15.8917	0.0590239	8.16805	8.16805	3.56696	54.8213	13.6615	1
cg18482960	C2orf15;TSGA10	0.0020621	0.000829706	0.198866	-5.02851	0.839148	1.0674	1.0674	0.239935	0.67377	-1.48419	0.70404	0.884728	-1.13029	0.000631125	0.185321	-5.39605	0.121533	0.583521	-1.71374	0.000401961	0.164284	-6.08704	0.549991	0.823583	-1.21421	0.00557394	0.310886	-3.21661	9.55633	15.5862	1.44976	1
cg18898251	C2orf15;TSGA10	0.0441854	0.66867	1.08842	1.08842	0.297718	1.23669	1.23669	0.813369	1.04764	1.04764	0.104442	1.41804	1.41804	0.00459986	0.476049	-2.10062	0.0602482	1.51747	1.51747	0.0627693	1.50987	1.50987	0.921235	0.980725	-1.01965	0.797756	0.950723	-1.05183	3.54969	2.17713	0.545183	1
cg15972984	C2orf15;TSGA10;TSGA10	0.0268086	0.110529	0.458912	-2.17906	0.00914246	0.226972	-4.40584	0.297222	0.616286	-1.62262	0.945232	1.03125	1.03125	0.0412053	0.348231	-2.87166	0.00577796	0.197943	-5.05197	0.00854653	0.222509	-4.4942	0.0348388	0.332327	-3.00909	0.342292	0.64517	-1.54998	4.25226	13.5105	2.82423	1
cg26214074	C2orf16	7.48E-06	0.00144187	0.420516	-2.37803	0.636631	0.914383	-1.09363	0.000103046	0.274595	-3.64173	0.416479	1.16906	1.16906	2.11E-07	0.0521183	-19.1871	0.000119426	0.282107	-3.54476	0.110055	1.38763	1.38763	0.424059	1.16598	1.16598	0.000100355	0.273257	-3.65956	43.7356	24.5052	0.498047	1
cg23761824	C2orf16	3.78E-05	0.382042	1.31397	1.31397	0.00933274	0.366306	-2.72996	9.99E-05	0.122177	-8.18481	0.00730269	0.34867	-2.86804	2.74E-05	0.0805784	-12.4103	0.644623	0.868089	-1.15196	2.68E-06	0.0320367	-31.2142	0.0744766	1.83171	1.83171	0.00794342	0.354649	-2.81969	28.6523	42.0958	1.30595	1
cg23055682	C2orf16	5.32E-05	0.00532263	0.374131	-2.67286	0.00234232	0.320729	-3.1179	0.000458577	0.228299	-4.38023	0.0821977	1.67455	1.67455	7.44E-05	0.145633	-6.86659	0.000960837	0.268048	-3.73068	6.02E-06	0.0660832	-15.1324	0.096605	1.62969	1.62969	0.000563292	0.238994	-4.18421	26.1837	29.727	1.00918	1
cg23058548	C2orf16	8.74E-05	0.0197453	0.599913	-1.66691	0.00156325	0.438304	-2.28152	0.00137943	0.430874	-2.32086	0.0208884	0.603795	-1.65619	4.58E-06	0.148154	-6.74972	0.0050984	0.510816	-1.95765	0.228356	0.794964	-1.25792	0.00273344	2.11843	2.11843	0.000549504	0.377597	-2.64832	22.9486	11.9714	0.463699	1
cg02621154	C2orf16	0.00051983	0.00528442	0.316081	-3.16374	0.674119	0.875923	-1.14165	0.0931501	0.560701	-1.78348	0.742947	0.902051	-1.10858	0.000100404	0.115278	-8.6747	0.479231	1.25271	1.25271	0.000173289	0.135721	-7.36804	0.00697801	2.9835	2.9835	0.0213391	0.420396	-2.37871	14.1371	21.9687	1.38132	1
cg03804243	C2orf16	0.046889	0.670688	1.0905	1.0905	0.0842209	0.679137	-1.47246	0.987478	1.00318	1.00318	0.0675334	1.51417	1.51417	0.468742	0.861301	-1.16103	0.00368958	2.21419	2.21419	0.0986589	1.44309	1.44309	0.284983	1.25226	1.25226	0.705846	0.926071	-1.07983	3.47151	2.25567	0.57757	1
cg21240640	C2orf16;C2orf16	1.63E-06	3.58E-05	0.32093	-3.11595	0.00180832	0.531179	-1.88261	3.03E-05	0.312545	-3.19954	0.00114053	0.505476	-1.97833	8.73E-08	0.081391	-12.2864	0.0535667	0.731525	-1.36701	3.77E-05	0.323516	-3.09104	0.000240254	2.37908	2.37908	1.55E-05	0.279732	-3.57486	64.7405	20.8507	0.286281	1
cg10142452	C2orf16;C2orf16	0.00011298	6.75E-05	0.16302	-6.13423	0.0357616	0.544734	-1.83576	0.000500699	0.258371	-3.8704	0.086659	0.624692	-1.60079	1.03E-05	0.0955257	-10.4684	0.0401794	0.554633	-1.80299	0.000918785	0.291912	-3.42569	0.106723	1.54941	1.54941	0.00094924	0.293775	-3.40397	21.4287	20.9783	0.870202	1
cg04359252	C2orf18	3.29E-05	0.136078	0.762759	-1.31103	0.825758	0.963508	-1.03787	0.169493	1.27987	1.27987	0.141289	1.30569	1.30569	3.22E-07	0.081361	-12.2909	0.4556	1.1367	1.1367	0.150793	1.29644	1.29644	0.0456112	0.679453	-1.47177	0.212554	0.801418	-1.24779	29.7222	13.3823	0.400218	1
cg23252243	C2orf18	0.00346591	0.0272049	0.620867	-1.61065	0.808107	0.956601	-1.04537	0.968152	1.00731	1.00731	0.345621	1.19377	1.19377	0.016253	0.585134	-1.70901	0.0453188	0.657912	-1.51996	0.000350911	0.350806	-2.85058	0.000714671	0.390827	-2.55868	0.469892	0.874539	-1.14346	8.19778	4.31701	0.468095	1
cg03462604	C2orf18	0.0041205	0.618051	1.12512	1.12512	0.0169196	1.98031	1.98031	0.575909	1.14172	1.14172	0.00399357	0.40356	-2.47794	0.495552	1.1762	1.1762	0.0011249	0.324809	-3.07873	0.0318034	1.80424	1.80424	0.251952	1.32402	1.32402	0.065907	0.616369	-1.6224	7.7825	6.77915	0.774291	1
cg01252136	C2orf18	0.020984	0.0322673	0.354494	-2.82092	0.352803	0.673373	-1.48506	0.167823	1.83678	1.83678	0.225045	0.590344	-1.69393	0.0803362	0.448272	-2.23079	0.0877937	0.458704	-2.18006	0.00206372	0.166158	-6.01835	0.624891	0.815616	-1.22607	0.00979833	0.259075	-3.85989	4.62824	12.5399	2.40839	1
cg06078830	C2orf18	0.0250855	0.399388	0.758301	-1.31874	0.00420817	3.41871	3.41871	0.141639	1.66001	1.66001	0.638331	1.16396	1.16396	0.0446268	0.477387	-2.09473	0.311098	0.714557	-1.39947	0.043192	0.47429	-2.10841	0.177145	1.58413	1.58413	0.314955	0.716597	-1.39549	4.35206	7.08911	1.44792	1
cg24248317	C2orf18	0.0270148	0.393805	0.875661	-1.14199	0.231264	1.21031	1.21031	0.273084	0.840811	-1.18933	0.439212	0.886986	-1.12741	0.00577801	0.577107	-1.73278	0.767176	1.04617	1.04617	0.00541195	1.7445	1.7445	0.252563	0.833878	-1.19922	0.461149	0.892216	-1.1208	4.24085	1.552	0.325301	1
cg01166564	C2orf18	0.0385545	0.280834	1.12602	1.12602	0.0742719	1.23441	1.23441	0.32081	1.11473	1.11473	0.184604	1.16067	1.16067	0.396848	0.912228	-1.09622	0.145767	0.847581	-1.17983	0.0891842	0.819985	-1.21953	0.0193051	1.34935	1.34935	0.0187727	1.35188	1.35188	3.73328	0.662901	0.157836	1
cg11989253	C2orf18;C2orf18	0.0270395	0.0129407	0.408815	-2.4461	0.899982	0.964198	-1.03713	0.351618	1.32041	1.32041	0.746492	1.09861	1.09861	0.154151	0.642543	-1.55632	0.0821109	1.74805	1.74805	0.00460816	0.335124	-2.98397	0.0692789	0.554731	-1.80267	0.77951	1.08478	1.08478	4.23949	5.64487	1.18355	1
cg12007362	C2orf24	0.00197179	0.00138472	0.227005	-4.40518	0.031554	0.446475	-2.23977	0.111949	0.574883	-1.73948	0.0265899	0.43146	-2.31771	0.000173935	0.130282	-7.67565	0.00639023	0.321446	-3.11094	0.00132627	0.224643	-4.45151	0.0192866	0.404455	-2.47246	0.0105727	0.357537	-2.79692	9.68188	15.685	1.44003	1
cg04955914	C2orf24	0.00431669	0.00152708	0.240663	-4.15519	0.0037023	0.29393	-3.40217	0.142402	0.611224	-1.63606	0.108754	0.579201	-1.72652	0.00107032	0.221142	-4.52199	0.00526199	0.317014	-3.15443	0.0430615	0.483488	-2.0683	0.00362926	0.292656	-3.41698	0.0505174	0.498689	-2.00526	7.67383	11.8454	1.3721	1
cg17854650	C2orf27A	0.00017583	0.0377001	1.34702	1.34702	0.0142509	1.45296	1.45296	0.0465636	1.32536	1.32536	0.205454	0.847821	-1.17949	0.149335	0.826068	-1.21055	0.0234726	0.715711	-1.39721	7.06E-06	3.41341	3.41341	0.000721527	1.88852	1.88852	0.194833	0.844107	-1.18468	19.0232	4.60162	0.215018	1
cg11084611	C2orf27A	0.011698	0.00154296	0.431081	-2.31975	0.025674	0.612864	-1.63168	0.57267	0.900044	-1.11106	0.171027	0.763926	-1.30903	0.00185215	0.442038	-2.26225	0.0213345	0.599827	-1.66715	0.684697	1.07834	1.07834	0.518838	0.886187	-1.12843	0.0661349	0.68331	-1.46347	5.61974	3.0378	0.480497	1
cg14161159	C2orf27A	0.0230262	0.0388766	3.44255	3.44255	0.0205331	4.23201	4.23201	0.796089	1.14324	1.14324	0.655128	0.792627	-1.26163	0.0112529	5.16288	5.16288	0.060155	2.9923	2.9923	0.0042434	7.23202	7.23202	0.0741169	2.79784	2.79784	0.0304464	3.72438	3.72438	4.4831	18.9746	3.76219	1
cg11491537	C2orf27A	0.0275798	0.467887	1.18299	1.18299	0.942965	1.01641	1.01641	0.269907	1.29872	1.29872	0.477191	1.17873	1.17873	0.302049	1.27539	1.27539	0.0842642	1.54427	1.54427	0.000398807	3.60403	3.60403	0.39193	1.22086	1.22086	0.105521	1.49531	1.49531	4.21013	3.4515	0.728719	1
cg10276333	C2orf27A	0.0454286	0.0189896	0.382462	-2.61464	0.0155491	0.366361	-2.72955	0.0543159	0.477609	-2.09376	0.24933	0.665346	-1.50298	0.0059675	0.296283	-3.37516	0.280158	0.683923	-1.46215	0.0481965	0.465762	-2.14702	0.321357	0.707009	-1.41441	0.0890172	0.530091	-1.88647	3.51303	6.37169	1.61221	1
cg08946117	C2orf27B	9.69E-05	0.662368	0.962473	-1.03899	0.080625	0.844777	-1.18375	0.0723548	0.839819	-1.19073	0.0151946	1.29641	1.29641	8.75E-06	0.431557	-2.31719	0.030473	1.24781	1.24781	6.72E-05	1.88797	1.88797	0.964638	1.00387	1.00387	0.635187	0.959246	-1.04249	22.3248	2.67968	0.106695	1
cg11786428	C2orf27B	0.000591446	0.00178925	0.55716	-1.79482	0.00476988	0.610728	-1.63739	0.338015	0.87811	-1.13881	0.00756789	1.57169	1.57169	4.75E-05	0.364787	-2.74133	0.138791	0.810821	-1.23332	0.152382	1.22355	1.22355	0.353545	1.13386	1.13386	0.0569157	0.753099	-1.32785	13.6384	3.74114	0.243831	1
cg25953146	C2orf27B	0.00596515	0.0404526	0.705236	-1.41797	0.27088	0.844381	-1.1843	0.55669	0.916019	-1.09168	0.0562614	0.72688	-1.37574	0.000132576	0.376065	-2.65911	0.0579386	0.728841	-1.37204	0.0993753	1.30544	1.30544	0.285896	0.84913	-1.17768	0.533213	0.911079	-1.0976	6.95165	2.39727	0.306533	1
cg08026195	C2orf27B	0.00882753	0.00882055	0.673562	-1.48465	0.0512113	0.768646	-1.30099	0.257727	0.869382	-1.15024	0.0493799	0.766589	-1.30448	0.000544462	0.528935	-1.89059	0.0137023	0.696801	-1.43513	0.00475455	0.641264	-1.55942	0.245996	0.866066	-1.15465	0.152842	0.834059	-1.19896	6.14999	1.36807	0.197734	1
cg06193286	C2orf27B	0.013112	0.00147354	0.604655	-1.65383	0.0119429	0.709022	-1.41039	0.0240502	0.744516	-1.34315	0.0978121	0.819459	-1.22032	0.270041	1.13417	1.13417	0.623827	1.05568	1.05568	0.110115	0.826217	-1.21034	0.0148332	0.719942	-1.389	0.416681	0.913021	-1.09526	5.41495	1.03063	0.169183	1
cg00164217	C2orf27B	0.029564	0.0126655	0.332254	-3.00974	0.00938538	0.310018	-3.22562	0.0962329	0.522324	-1.91452	0.0670574	0.481981	-2.07477	0.00704012	0.289756	-3.45118	0.199846	0.617813	-1.61861	0.437153	0.754397	-1.32556	0.0356326	0.419135	-2.38586	0.0236956	0.382808	-2.61228	4.10812	8.22594	1.77988	1
cg03747513	C2orf27B;C2orf27B	0.00938103	0.0578142	2.32098	2.32098	0.00812038	3.78242	3.78242	0.0907279	2.07836	2.07836	0.689581	1.17071	1.17071	0.075322	0.459633	-2.17565	0.471973	1.3327	1.3327	0.00103298	6.74103	6.74103	0.0116044	3.45104	3.45104	0.123454	1.92518	1.92518	6.03235	14.7228	2.16946	1
cg18782447	C2orf27B;C2orf27B	0.012826	0.0776896	1.91842	1.91842	0.0897511	1.86165	1.86165	0.060941	2.01733	2.01733	0.779823	1.09759	1.09759	0.0632815	0.49958	-2.00168	0.684663	1.14529	1.14529	0.000684057	5.60469	5.60469	0.0265477	2.39549	2.39549	0.235184	1.51194	1.51194	5.45408	9.53607	1.55416	1
cg22366696	C2orf27B;C2orf27B	0.0179204	0.325582	1.56699	1.56699	0.200269	1.8197	1.8197	0.866349	1.07738	1.07738	0.65507	1.22014	1.22014	0.00287564	0.16296	-6.13647	0.682436	0.833576	-1.19965	0.00383049	5.61231	5.61231	0.165465	1.92432	1.92432	0.586344	0.784174	-1.27523	4.8824	15.1406	2.7565	1
cg14906553	C2orf28;C2orf28;CAD;C2orf28	2.72E-05	0.0429801	0.517038	-1.93409	0.571914	0.850633	-1.1756	0.86192	0.951888	-1.05054	0.289837	0.732599	-1.365	0.631117	1.14685	1.14685	0.00485983	0.347293	-2.87941	3.60E-07	0.0157119	-63.6461	0.650958	1.13769	1.13769	0.000109073	0.145081	-6.89271	31.2658	39.7224	1.12931	1
cg09947274	C2orf28;C2orf28;CAD;C2orf28	0.0320935	0.038157	0.15889	-6.29368	0.181836	0.337934	-2.95916	0.0697519	0.211706	-4.72353	0.941361	0.945239	-1.05793	0.0098997	0.0825235	-12.1178	0.0788501	0.224479	-4.45476	0.00335032	0.0470768	-21.2419	0.0813295	0.227832	-4.3892	0.0486339	0.17832	-5.6079	3.98971	37.0305	8.25024	1
cg07673023	C2orf28;SLC5A6;C2orf28;SLC5A6;C2orf28	0.0260736	0.0120557	0.573558	-1.7435	0.673329	0.927473	-1.0782	0.108162	0.732553	-1.36509	0.394941	0.856667	-1.16732	0.184397	0.778804	-1.28402	0.0844338	0.71254	-1.40343	0.0104821	0.564389	-1.77183	0.0427087	1.51322	1.51322	0.191213	1.27854	1.27854	4.29383	2.14409	0.443859	1
cg10403036	C2orf28;SLC5A6;C2orf28;SLC5A6;C2orf28	0.0277529	0.72954	0.956143	-1.04587	0.934249	0.989395	-1.01072	0.633952	1.06395	1.06395	0.296202	0.869393	-1.15023	0.0025173	0.581529	-1.7196	0.012014	0.667094	-1.49904	0.713913	0.953536	-1.04873	0.0871366	1.27645	1.27645	0.298596	1.14937	1.14937	4.20087	1.11087	0.235055	1
cg05855689	C2orf28;SLC5A6;SLC5A6;SLC5A6;C2orf28;C2orf28	0.0473461	0.693655	1.05211	1.05211	0.0414664	1.35214	1.35214	0.0433374	1.34739	1.34739	0.7545	1.04107	1.04107	0.0538553	1.32426	1.32426	0.828673	1.0282	1.0282	0.105619	0.797064	-1.2546	0.876319	1.02018	1.02018	0.00669748	1.5703	1.5703	3.45884	0.901829	0.231762	1
cg16308841	C2orf29	4.22E-05	0.817995	1.02397	1.02397	0.0541322	1.25183	1.25183	3.06E-05	0.432977	-2.30959	0.0102337	0.717025	-1.39465	8.53E-06	0.36961	-2.70555	4.87E-05	0.456173	-2.19215	0.000468212	0.568287	-1.75967	0.25803	1.12894	1.12894	0.613275	0.948977	-1.05377	27.8491	4.65755	0.14866	1
ch.2.2130426F	C2orf29	0.00458015	0.0338134	0.655634	-1.52524	0.0438855	0.673992	-1.4837	0.179616	1.27481	1.27481	0.00293501	0.498594	-2.00564	0.0386548	0.664999	-1.50376	0.000774656	0.420347	-2.37898	0.236854	0.809677	-1.23506	0.135764	1.31503	1.31503	0.262942	1.21996	1.21996	7.53722	3.46404	0.408525	1
cg10216414	C2orf29	0.0052613	0.372363	0.67662	-1.47793	0.00142834	7.15297	7.15297	0.0554511	2.52423	2.52423	0.0252826	3.1097	3.1097	0.0221579	0.310403	-3.22162	0.0706932	2.3667	2.3667	0.0348547	0.350293	-2.85475	0.328184	0.650191	-1.53801	0.122507	0.489769	-2.04178	7.22519	20.8192	2.56131	1
cg03396285	C2orf29	0.0221507	0.590512	1.21292	1.21292	0.000950745	5.75646	5.75646	0.00484041	3.77293	3.77293	0.101911	1.8893	1.8893	0.206432	1.60567	1.60567	0.451981	1.31297	1.31297	0.146157	1.74083	1.74083	0.158233	1.70922	1.70922	0.882326	0.948729	-1.05404	4.54328	9.08587	1.77764	1
cg21044433	C2orf29	0.04036	0.717184	1.07712	1.07712	0.946479	0.986383	-1.0138	0.191162	1.32663	1.32663	0.466296	1.16347	1.16347	0.575266	1.12256	1.12256	0.00149043	0.392396	-2.54844	0.221532	1.30007	1.30007	0.684097	0.919852	-1.08713	0.141205	0.723865	-1.38147	3.671	2.42486	0.587152	1
cg23725986	C2orf3	0.000125518	0.000254655	0.308142	-3.24526	0.0179698	0.570248	-1.75362	0.00335414	2.18084	2.18084	0.00632562	0.499286	-2.00286	0.0310771	0.609931	-1.63953	0.000420199	0.335483	-2.98078	8.70E-05	0.252788	-3.95589	0.00121912	0.396664	-2.52102	0.000135093	0.274915	-3.63749	20.8321	12.592	0.53729	1
cg10146462	C2orf3	0.00328249	0.997802	0.999462	-1.00054	0.0202188	0.578654	-1.72815	0.360233	0.83215	-1.20171	0.382531	1.19117	1.19117	0.0015488	0.410998	-2.4331	0.000183884	0.29091	-3.43749	0.947343	0.987181	-1.01299	0.582071	0.897107	-1.11469	0.0118596	0.541383	-1.84712	8.332	5.03539	0.537194	1
cg01924904	C2orf3	0.00618846	0.768368	1.08321	1.08321	0.0314992	0.505254	-1.9792	0.00296819	0.331671	-3.01504	0.889543	1.03833	1.03833	0.195569	0.690403	-1.44843	0.00646612	0.383545	-2.60725	0.0259378	0.488919	-2.04533	0.0287023	2.01055	2.01055	0.00553511	0.372817	-2.68228	6.87316	7.97423	1.03129	1
cg16505623	C2orf3	0.0127608	0.0234784	0.208671	-4.79223	0.00491309	0.111253	-8.98852	0.0105323	0.152622	-6.55215	0.0885141	0.341639	-2.92707	0.0111242	0.156001	-6.41021	0.0660026	0.306668	-3.26086	0.002073	0.0756068	-13.2263	0.621026	0.755146	-1.32425	0.0131798	0.16687	-5.99269	6.16615	30.2868	3.82027	1
cg20704342	C2orf3	0.0242943	0.120447	0.736784	-1.35725	0.28468	0.817467	-1.22329	0.554432	1.11454	1.11454	0.294065	0.820887	-1.21819	0.168877	0.766555	-1.30454	0.0887552	0.71143	-1.40562	0.000682095	0.390159	-2.56306	0.0331048	0.636469	-1.57117	0.0825097	0.705552	-1.41733	4.40078	2.29234	0.463017	1
cg11051158	C2orf3	0.0276789	0.0160062	0.436933	-2.28868	0.362314	0.768811	-1.30071	0.466047	1.23157	1.23157	0.809624	1.07012	1.07012	0.00349458	0.328707	-3.04223	0.380078	0.776606	-1.28765	0.0432797	0.520614	-1.92081	0.139202	0.639614	-1.56344	0.0131069	0.421505	-2.37245	4.20482	5.2505	1.10994	1
cg15445478	C2orf3	0.0279082	0.0125387	0.296678	-3.37066	0.0179618	0.324606	-3.08066	0.0187503	0.328084	-3.048	0.052282	0.421586	-2.37199	0.035027	0.382468	-2.6146	0.00926932	0.274723	-3.64003	0.0244548	0.350304	-2.85467	0.0718587	0.455517	-2.19531	0.228334	0.609724	-1.64009	4.19263	10.167	2.15553	1
cg16229671	C2orf3	0.0321268	0.0172227	0.0978089	-10.224	0.0131479	0.0851754	-11.7405	0.278597	0.405574	-2.46564	0.184879	0.324186	-3.08465	0.0281376	0.125306	-7.98044	0.0950493	0.230062	-4.34665	0.00671693	0.0598562	-16.7067	0.0201176	0.105836	-9.44861	0.0715306	0.199484	-5.01292	3.98823	40.5317	9.03362	1
cg24078602	C2orf3	0.0415423	0.0735202	0.5326	-1.87758	0.0925975	0.557458	-1.79386	0.0219265	0.419759	-2.38232	0.900493	0.961273	-1.04029	0.121065	0.588145	-1.70026	0.394482	0.759286	-1.31703	0.00165618	0.24138	-4.14285	0.957953	0.983491	-1.01679	0.313822	0.719709	-1.38945	3.63204	5.7346	1.40346	1
cg25389065	C2orf3	0.0422729	0.163064	0.783371	-1.27653	0.242696	0.81833	-1.222	0.0272181	0.651424	-1.5351	0.0392174	0.676207	-1.47884	0.0335836	0.665591	-1.50242	0.0815688	0.72866	-1.37238	0.00367233	0.525147	-1.90423	0.501964	0.894273	-1.11823	0.0378452	0.673756	-1.48422	3.60864	1.5369	0.378572	1
cg20339553	C2orf3	0.044134	?	?	?	0.355397	0.40306	-2.48102	0.610411	0.611936	-1.63416	0.00625178	0.0331785	-30.14	0.0052627	0.0296836	-33.6886	0.0887334	0.16619	-6.01722	0.552469	0.563026	-1.77612	0.434547	0.466683	-2.14278	0.629638	1.59113	1.59113	3.60557	46.3733	12.8616	1
cg24795614	C2orf34	0.0104542	0.0105849	0.364239	-2.74545	0.0520945	0.499531	-2.00188	0.00761858	0.340334	-2.93829	0.0280375	0.442563	-2.25957	0.00398646	0.296464	-3.37309	0.00307025	0.279899	-3.57272	0.00814573	0.345104	-2.89767	0.278951	0.702151	-1.42419	0.23984	0.679357	-1.47198	5.82711	9.1065	1.38914	1
cg10521567	C2orf34	0.0157598	0.579834	0.924184	-1.08204	0.248864	0.843717	-1.18523	0.0387595	0.713606	-1.40133	0.0753582	0.756433	-1.32199	0.00399406	0.579538	-1.72551	0.637391	0.935252	-1.06923	0.00411548	1.72047	1.72047	0.877316	0.978455	-1.02202	0.861808	0.975734	-1.02487	5.09655	1.60455	0.27985	1
cg03740612	C2orf34	0.0206569	0.499167	0.781394	-1.27976	0.836681	1.07704	1.07704	0.0915379	0.512685	-1.95052	0.95861	1.01884	1.01884	0.000430714	0.134968	-7.40916	0.255851	1.53189	1.53189	0.332923	0.698278	-1.43209	0.499736	1.27933	1.27933	0.301411	0.680455	-1.4696	4.65311	9.52812	1.82017	1
cg09647110	C2orf34	0.0280495	0.0405569	0.290008	-3.44818	0.0136794	0.202712	-4.9331	0.027763	0.256288	-3.90186	0.18873	0.482472	-2.07266	0.0131393	0.199983	-5.00043	0.128626	0.423338	-2.36218	0.00529187	0.146027	-6.84807	0.129393	0.424183	-2.35747	0.0259031	0.250531	-3.99153	4.18518	18.1577	3.8565	1
cg23552047	C2orf34	0.0296387	0.0210948	0.168046	-5.95074	0.0662542	0.265889	-3.76097	0.0660849	0.265617	-3.76482	0.119788	0.337803	-2.96031	0.00583488	0.0981644	-10.187	0.0609153	0.257101	-3.88952	0.00686539	0.105308	-9.49595	0.356378	0.543366	-1.84038	0.0259715	0.182783	-5.47096	4.10444	26.8769	5.82068	1
cg02583525	C2orf39	0.00184435	0.028653	0.519446	-1.92513	0.820795	0.944058	-1.05926	0.00720394	2.41098	2.41098	0.203213	0.711202	-1.40607	0.178535	0.695828	-1.43714	0.0778815	1.64398	1.64398	0.103011	0.636004	-1.57232	0.000105419	5.685	5.685	0.686463	1.10845	1.10845	9.87181	10.0652	0.906306	1
cg15138396	C2orf39	0.00243928	0.888417	0.975513	-1.0251	0.0268563	1.58888	1.58888	0.478567	0.880538	-1.13567	0.0146365	1.70034	1.70034	0.000149027	0.316369	-3.16086	0.298717	0.826782	-1.20951	0.658279	1.08178	1.08178	0.0156991	1.68694	1.68694	0.670744	0.927263	-1.07844	9.09761	4.49345	0.439036	1
cg20140363	C2orf39	0.00547436	0.581741	1.21011	1.21011	0.684101	1.15053	1.15053	0.0599098	0.483033	-2.07025	0.0576993	2.0869	2.0869	0.000604149	0.163185	-6.12803	0.15114	1.69441	1.69441	0.0079328	3.21241	3.21241	0.138362	1.72792	1.72792	0.383043	1.35885	1.35885	7.13779	13.284	1.6543	1
cg13971866	C2orf39	0.0344595	0.153974	0.765089	-1.30704	0.189399	0.783575	-1.2762	0.848868	1.03404	1.03404	0.380368	0.853967	-1.17101	0.00805434	0.551287	-1.81394	0.0443135	1.4997	1.4997	0.0328471	0.645368	-1.5495	0.755492	1.05633	1.05633	0.0333244	0.646386	-1.54706	3.88895	1.89572	0.4333	1
cg22543688	C2orf39	0.0371058	0.00922127	0.163989	-6.09797	0.376625	0.60879	-1.6426	0.0651934	0.322265	-3.10304	0.124982	0.403162	-2.4804	0.00765134	0.153308	-6.52283	0.234588	0.505847	-1.97688	0.00996672	0.168618	-5.93056	0.0609197	0.314915	-3.17546	0.0844172	0.351995	-2.84095	3.78592	17.9406	4.21224	1
cg10885338	C2orf40	0.0219697	0.725708	1.16364	1.16364	0.0198699	0.298296	-3.35238	0.57038	1.27987	1.27987	0.159579	1.90916	1.90916	0.0111293	0.254283	-3.93262	0.260967	0.603852	-1.65603	0.96133	0.979355	-1.02108	0.0104877	3.9985	3.9985	0.166848	1.88538	1.88538	4.5561	13.3583	2.60618	1
cg10735632	C2orf40	0.0263234	0.877305	1.10916	1.10916	0.149139	2.82176	2.82176	0.158688	2.74642	2.74642	0.369497	1.85527	1.85527	0.202975	0.406073	-2.46261	0.0660866	3.98495	3.98495	0.15415	0.359526	-2.78144	0.00123051	23.7875	23.7875	0.905244	1.08313	1.08313	4.27954	30.4779	6.33047	1
cg14535980	C2orf40	0.0380752	0.499427	1.90484	1.90484	0.398351	2.25409	2.25409	0.0446872	8.72608	8.72608	0.277186	2.89286	2.89286	0.145726	0.230361	-4.34102	0.133972	4.56804	4.56804	0.231682	0.307565	-3.25135	0.00240334	53.2268	53.2268	0.667669	1.50077	1.50077	3.75042	52.4743	12.4369	1
cg14329045	C2orf40	0.0404663	0.622383	0.911605	-1.09697	0.816761	0.957649	-1.04422	0.0120826	0.557981	-1.79217	0.406041	1.17173	1.17173	0.0181892	0.585895	-1.70679	0.258443	1.24588	1.24588	0.0250593	1.64369	1.64369	0.805856	1.04698	1.04698	0.537998	1.12329	1.12329	3.66743	2.01906	0.489366	1
cg22948077	C2orf40	0.0450402	0.694066	1.04831	1.04831	0.324497	0.885657	-1.12911	0.431843	0.908703	-1.10047	0.71996	0.957947	-1.0439	0.720102	1.04388	1.04388	0.237537	1.15913	1.15913	0.00131264	1.74739	1.74739	0.0823575	1.25816	1.25816	0.568633	1.07118	1.07118	3.52435	0.794952	0.200498	1
cg23400904	C2orf42	1.39E-05	0.014095	0.586809	-1.70413	0.000728201	0.405052	-2.46882	0.00027301	0.350219	-2.85536	0.139498	0.755974	-1.3228	4.96E-07	0.0841155	-11.8884	0.235893	0.803709	-1.24423	6.28E-06	0.169447	-5.90154	0.000170808	0.324978	-3.07714	0.0575931	0.685402	-1.459	37.253	18.2598	0.435694	1
cg14607370	C2orf42	6.88E-05	0.440552	0.857521	-1.16615	0.00185424	0.42173	-2.37118	0.00496114	0.48337	-2.06881	0.0772226	1.46804	1.46804	0.00387021	0.467471	-2.13917	0.000234183	0.303535	-3.29451	3.57E-06	0.119356	-8.37833	0.0202129	0.578497	-1.72862	9.58E-05	0.257473	-3.88391	24.4604	14.7952	0.537656	1
cg24152630	C2orf42	0.00389352	0.197288	0.763849	-1.30916	0.00161254	0.409144	-2.44413	0.00647764	0.496807	-2.01286	0.0326833	0.61019	-1.63883	0.438878	0.855518	-1.16888	0.00390801	0.46407	-2.15485	0.000394076	0.32767	-3.05185	0.0143381	0.550619	-1.81614	0.145807	0.734441	-1.36158	7.91657	4.89783	0.549939	1
cg05170483	C2orf42	0.0112104	0.602926	0.944192	-1.05911	0.652718	0.951645	-1.05081	0.00274043	1.57205	1.57205	0.276723	0.883565	-1.13178	0.0183491	1.36772	1.36772	0.0812399	1.23552	1.23552	0.732494	0.963154	-1.03826	0.00624445	0.677072	-1.47695	0.497128	1.07835	1.07835	5.6976	1.08038	0.168551	1
cg26109510	C2orf42	0.013376	0.0497559	0.529157	-1.8898	0.237002	1.42237	1.42237	0.506611	0.825619	-1.21121	0.111165	0.610486	-1.63804	0.00274834	0.308773	-3.23863	0.00890839	0.388141	-2.57638	0.0138033	0.420839	-2.37621	0.39494	0.780537	-1.28117	0.00920086	0.39049	-2.56088	5.37976	6.89052	1.13851	1
cg14475620	C2orf42	0.0313928	0.174845	1.93697	1.93697	0.0625188	0.382754	-2.61264	0.75258	1.15591	1.15591	0.131749	2.10721	2.10721	0.381317	0.662736	-1.5089	0.489202	1.37969	1.37969	0.0323974	0.317413	-3.15047	0.0112934	4.27878	4.27878	0.0582589	2.66569	2.66569	4.02132	13.3675	2.95481	1
cg04589975	C2orf42	0.0353482	?	?	?	0.703094	0.777887	-1.28553	0.40979	1.74089	1.74089	?	?	?	?	?	?	0.427883	0.587309	-1.70268	0.00578639	11.8941	11.8941	?	?	?	0.0404066	4.89082	4.89082	4.59742	17.0114	5.1803	1
cg17189058	C2orf42;C2orf42	0.020487	0.000718051	0.203191	-4.92148	0.42693	0.777957	-1.28542	0.0811193	0.549594	-1.81952	0.70386	1.12548	1.12548	0.290473	1.40435	1.40435	0.3229	1.3717	1.3717	0.53888	0.824826	-1.21238	0.381773	1.32004	1.32004	0.202564	1.51652	1.51652	4.66622	7.08062	1.34882	1
cg02946570	C2orf43	0.000320628	0.000326452	4.24721	4.24721	0.242356	0.737326	-1.35625	0.00528942	0.400293	-2.49817	0.192631	1.40975	1.40975	0.000361447	0.240667	-4.15511	0.0452415	0.564341	-1.77198	0.000162851	0.20144	-4.96425	0.462525	1.20473	1.20473	0.461628	0.829741	-1.2052	16.1532	15.8675	0.873166	1
cg14757738	C2orf43	0.00271819	0.00192168	0.121369	-8.23932	0.0933777	2.42597	2.42597	0.342472	0.625209	-1.59946	0.00123041	0.103362	-9.6747	0.000536759	0.0753002	-13.2802	0.396533	0.659075	-1.51728	0.59309	0.771812	-1.29565	0.442871	1.45603	1.45603	0.036991	0.312487	-3.20013	8.8119	32.1827	3.24639	1
cg25608973	C2orf43	0.00333353	0.107934	0.80982	-1.23484	0.000986666	1.80196	1.80196	0.0423905	1.32461	1.32461	0.00104075	0.557731	-1.79298	0.822406	0.973327	-1.0274	0.395833	0.90071	-1.11024	0.548169	1.07581	1.07581	0.0387959	1.33341	1.33341	0.394255	1.11064	1.11064	8.29373	1.8997	0.203603	1
cg20324777	C2orf43	0.003516	0.0103302	0.282862	-3.53529	0.0267835	0.358636	-2.78834	0.0267206	0.35843	-2.78995	0.0397654	0.39489	-2.53235	0.000529922	0.121346	-8.24091	0.00344976	0.211782	-4.72183	0.871884	0.93887	-1.06511	0.206085	1.68419	1.68419	0.00426397	0.224349	-4.45735	8.16265	19.7481	2.15051	1
cg19428444	C2orf43	0.0183858	0.00653233	0.40947	-2.44218	0.0987639	1.57993	1.57993	0.551729	1.16432	1.16432	0.900595	1.03208	1.03208	0.113636	0.647298	-1.54488	0.269726	1.33696	1.33696	0.00637808	2.45209	2.45209	0.229606	1.37509	1.37509	0.150437	0.677426	-1.47618	4.84045	4.8943	0.898779	1
cg15726514	C2orf43	0.0206208	0.0113052	3.77707	3.77707	0.729781	1.15634	1.15634	0.0747763	2.29659	2.29659	0.0640023	2.39179	2.39179	0.00932926	3.98057	3.98057	0.621251	1.232	1.232	0.00167027	6.57469	6.57469	0.836784	0.917214	-1.09026	0.485023	1.34614	1.34614	4.65588	12.9406	2.47059	1
cg20248458	C2orf43	0.0418057	0.742577	1.05438	1.05438	0.415466	1.14308	1.14308	0.26944	1.20295	1.20295	0.0357992	1.48062	1.48062	0.139282	0.774409	-1.29131	0.243797	1.21645	1.21645	0.00378901	0.533898	-1.87302	0.668331	0.933094	-1.0717	0.881509	0.97632	-1.02425	3.62355	1.48147	0.363419	1
cg01203385	C2orf43	0.0451241	0.738147	1.04415	1.04415	0.82582	0.972016	-1.02879	0.146871	1.22201	1.22201	0.0402903	1.35676	1.35676	0.316184	0.875069	-1.14277	0.377344	1.12373	1.12373	0.00517785	0.621701	-1.60849	0.309578	1.14501	1.14501	0.184608	0.834256	-1.19867	3.52189	0.925039	0.23347	1
cg23535362	C2orf44;C2orf44	0.01506	0.3543	1.24176	1.24176	0.390215	0.818686	-1.22147	0.00903569	2.12558	2.12558	0.00864111	0.46733	-2.13981	0.327042	1.25847	1.25847	0.0761623	0.638678	-1.56574	0.315646	1.26585	1.26585	0.0513096	1.65567	1.65567	0.037854	1.72828	1.72828	5.17386	4.23059	0.726831	1
cg08565409	C2orf44;C2orf44	0.0257777	0.676449	0.909264	-1.09979	0.167086	1.3963	1.3963	0.00326711	2.48129	2.48129	0.0174056	1.92752	1.92752	0.0963221	0.6611	-1.51263	0.200592	0.736095	-1.35852	0.321627	0.79289	-1.26121	0.936568	0.982122	-1.0182	0.333641	1.2536	1.2536	4.31098	3.50727	0.723171	1
cg25184664	C2orf44;C2orf44	0.0361099	0.142218	0.492575	-2.03015	0.64623	0.81267	-1.23051	0.441654	0.703191	-1.42209	0.203795	1.82572	1.82572	0.00366313	0.171429	-5.83333	0.0599374	0.385739	-2.59243	0.0944121	0.438153	-2.28231	0.286906	1.64265	1.64265	0.0384825	0.340915	-2.93328	3.8236	12.1984	2.83582	1
cg02784696	C2orf44;C2orf44	0.0486622	0.236591	1.07696	1.07696	0.111992	1.10902	1.10902	0.0297925	1.16519	1.16519	0.0426426	1.14975	1.14975	0.778926	0.983315	-1.01697	0.0417161	0.869049	-1.15068	0.31718	0.94005	-1.06377	0.153745	0.912735	-1.09561	0.264185	1.07206	1.07206	3.42318	0.193802	0.0503241	1
cg25139596	C2orf44;C2orf44;C2orf44;C2orf44	0.0188178	0.249354	1.1707	1.1707	0.0109798	1.51856	1.51856	0.2651	0.858956	-1.1642	0.763773	0.961313	-1.04024	0.194484	0.835543	-1.19683	0.0177414	1.45854	1.45854	0.00594435	0.624438	-1.60144	0.503193	1.09302	1.09302	0.990782	0.998489	-1.00151	4.80267	1.30348	0.24125	1
cg22737473	C2orf47	0.0250937	0.116945	0.352813	-2.83436	0.271695	0.496624	-2.0136	0.126804	0.364142	-2.74618	0.0344861	0.221263	-4.51951	0.00901813	0.131235	-7.61994	0.016272	0.165739	-6.03357	0.00343576	0.0879415	-11.3712	0.76138	1.20479	1.20479	0.0542992	0.262931	-3.80329	4.35157	25.7883	5.26774	1
cg07622096	C2orf48	2.79E-05	0.000836732	0.538958	-1.85543	0.00513642	0.634732	-1.57547	0.000507273	0.512693	-1.95049	0.0111919	0.676432	-1.47835	2.35E-06	0.243435	-4.10787	0.0256403	0.721796	-1.38543	1.11E-05	0.316849	-3.15608	0.00622367	1.55049	1.55049	0.0296927	0.729991	-1.36988	31.0317	7.43262	0.212904	1
cg20338384	C2orf48	0.0020466	0.00188625	0.329853	-3.03166	0.0108445	0.446875	-2.23776	0.00551125	0.399106	-2.5056	0.795404	0.936672	-1.06761	0.000407276	0.243123	-4.11315	0.00270524	0.352321	-2.83832	0.0647496	0.593177	-1.68584	0.0919485	1.59532	1.59532	0.0689003	0.598983	-1.6695	9.57738	9.61443	0.892327	1
cg21584457	C2orf48	0.0291377	0.0563921	0.738675	-1.35378	0.924768	1.01333	1.01333	0.479318	0.904087	-1.10609	0.286636	0.856297	-1.16782	0.119814	0.789284	-1.26697	0.772357	0.960146	-1.04151	0.00152982	1.89554	1.89554	0.221429	0.8351	-1.19746	0.965441	0.993944	-1.00609	4.12931	1.28563	0.276749	1
cg06785822	C2orf48	0.0411995	0.861596	1.03982	1.03982	0.157875	0.713275	-1.40198	0.00172373	0.367617	-2.72022	0.390047	0.821114	-1.21786	0.195469	0.736107	-1.3585	0.0551081	0.614696	-1.62682	0.0225569	0.542683	-1.8427	0.452299	0.842531	-1.1869	0.796325	1.05959	1.05959	3.64319	2.88927	0.704941	1
cg08836988	C2orf48	0.0437914	0.262272	0.744973	-1.34233	0.0370187	0.543365	-1.84038	0.0184356	0.48672	-2.05457	0.669731	1.11412	1.11412	0.082522	1.62314	1.62314	0.261714	0.744694	-1.34283	0.4052	1.23924	1.23924	0.0405531	1.81429	1.81429	0.461982	0.828116	-1.20756	3.56158	3.57835	0.893074	1
cg22713941	C2orf49	0.000330486	0.186375	0.581685	-1.71914	0.0109132	0.280695	-3.56259	0.0464718	0.409407	-2.44256	0.000468422	0.102894	-9.71876	?	?	?	?	?	?	0.000389309	10.4299	10.4299	0.00958184	3.6919	3.6919	0.0022991	5.61674	5.61674	21.2009	37.5641	1.77182	1
cg18856091	C2orf49	0.00494845	0.0621691	0.734729	-1.36105	0.00372594	0.562636	-1.77735	0.000199624	0.399761	-2.50149	0.897854	1.01903	1.01903	0.635137	0.932231	-1.0727	0.418027	1.12918	1.12918	0.15193	1.25275	1.25275	0.281849	0.848582	-1.17844	0.931792	0.987511	-1.01265	7.36184	2.51288	0.303412	1
cg17485827	C2orf49	0.0335982	0.00624969	0.629706	-1.58804	0.733579	1.04534	1.04534	0.183099	0.832484	-1.20122	0.534144	1.08515	1.08515	0.662251	0.944551	-1.0587	0.747109	1.04289	1.04289	0.00332011	0.595151	-1.68024	0.163986	0.824682	-1.21259	0.0907638	0.785179	-1.27359	3.92461	1.04704	0.237145	1
cg01785449	C2orf49	0.0440548	0.0563765	0.684079	-1.46182	0.235187	1.24439	1.24439	0.536185	1.11637	1.11637	0.804102	0.957265	-1.04464	0.351936	1.18334	1.18334	0.00673472	0.539331	-1.85415	0.393875	0.857721	-1.16588	0.295196	1.21019	1.21019	0.0466775	1.49225	1.49225	3.55362	1.73815	0.434774	1
cg05517905	C2orf50	0.00258258	0.00207962	1.68346	1.68346	0.303698	1.13659	1.13659	0.150414	0.830889	-1.20353	0.50768	0.922402	-1.08413	0.0784831	1.26478	1.26478	0.517327	0.924137	-1.08209	0.328514	1.12886	1.12886	0.213283	0.854262	-1.1706	0.000122624	2.23792	2.23792	8.946	2.04655	0.203348	1
cg21542794	C2orf50	0.00557598	0.296963	0.715394	-1.39783	0.628713	0.85992	-1.1629	0.384365	0.758619	-1.31819	0.744874	1.10642	1.10642	0.000118173	0.124053	-8.0611	0.455878	0.790394	-1.26519	0.924525	0.971077	-1.02978	0.00282735	0.279806	-3.57391	0.298887	0.716416	-1.39584	7.09758	10.784	1.35058	1
cg10334385	C2orf50	0.00986627	0.172948	1.3844	1.3844	0.576943	0.881263	-1.13474	0.0297319	0.563378	-1.77501	0.92051	1.02264	1.02264	0.00958109	0.479179	-2.0869	0.633599	1.11372	1.11372	0.0241476	1.82763	1.82763	0.00261094	0.392568	-2.54733	0.211081	1.34383	1.34383	5.93611	4.72922	0.708166	1
cg15704155	C2orf50	0.012785	0.116851	0.621111	-1.61002	0.164141	1.51436	1.51436	0.239071	0.708457	-1.41152	0.940123	0.979219	-1.02122	0.0128971	0.421894	-2.37026	0.533625	0.838417	-1.19272	0.00227101	0.303141	-3.2988	0.00241915	0.30704	-3.2569	0.361301	0.769259	-1.29995	5.45979	6.75727	1.10013	1
cg09893504	C2orf50	0.0265347	0.101818	2.57088	2.57088	0.00226585	9.50631	9.50631	0.0396933	3.50425	3.50425	0.296139	1.7703	1.7703	0.451903	1.49791	1.49791	0.0328496	3.72871	3.72871	0.00637935	6.49808	6.49808	0.951593	0.968499	-1.03253	0.144614	2.28446	2.28446	4.26758	18.7877	3.91327	1
cg09045196	C2orf50	0.0427625	0.0347679	0.458681	-2.18017	0.745061	0.901824	-1.10886	0.919258	1.03263	1.03263	0.908824	0.964366	-1.03695	0.0302531	0.446256	-2.24087	0.5662	0.832219	-1.20161	0.00878444	0.347519	-2.87754	0.00598279	0.320477	-3.12035	0.401616	0.761937	-1.31244	3.59325	5.70869	1.4122	1
cg12811135	C2orf51	3.75E-06	2.10E-07	0.155878	-6.41526	0.0176354	0.710744	-1.40698	0.000199692	0.477781	-2.09301	0.158296	0.83663	-1.19527	0.00113447	0.567615	-1.76176	0.6067	0.940435	-1.06334	0.00274474	1.6304	1.6304	1.31E-06	0.230446	-4.33941	0.0103088	0.682307	-1.46562	52.2783	11.5808	0.196909	1
cg15903395	C2orf51	0.00976425	0.000357188	0.135535	-7.37817	0.420919	1.33216	1.33216	0.103032	0.536811	-1.86285	0.963805	0.984296	-1.01595	0.126504	0.561809	-1.77997	0.357868	1.39071	1.39071	0.282788	1.47594	1.47594	0.0158251	0.35661	-2.80418	0.818596	0.922992	-1.08343	5.95585	11.4772	1.71294	1
cg03975271	C2orf51	0.0375147	0.00721938	0.353434	-2.82939	0.0665521	0.539465	-1.85369	0.0315028	0.469231	-2.13114	0.0644766	0.536283	-1.86469	0.0209481	0.434568	-2.30113	0.0785918	0.556516	-1.79689	0.0237711	0.445069	-2.24684	0.028293	0.45988	-2.17448	0.153688	0.632407	-1.58126	3.77081	5.37451	1.26693	1
cg09259581	C2orf51;C2orf51	0.0034213	5.41E-05	0.123425	-8.1021	0.671321	1.12599	1.12599	0.0603111	0.554891	-1.80215	0.292519	0.738156	-1.35473	0.0630365	0.559148	-1.78844	0.175395	0.669913	-1.49273	0.416959	1.25938	1.25938	0.0243753	0.474343	-2.10818	0.168242	0.664834	-1.50414	8.2296	10.0735	1.08806	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21847751	C2orf52	0.00332768	0.00933044	7.00311	7.00311	0.421427	0.626243	-1.59682	0.000287433	0.0259589	-38.5224	0.507386	1.46648	1.46648	0.148267	2.43628	2.43628
cg10281105	C2orf52	0.0132021	0.0409651	0.330361	-3.02699	0.00498174	5.72784	5.72784	0.0456899	2.93215	2.93215	0.0175071	0.257233	-3.88753	0.317009	0.615269	-1.62531
cg09668639	C2orf52	0.0357474	0.180197	0.561049	-1.78237	0.0840703	0.460141	-2.17325	0.29699	0.644621	-1.5513	0.841619	1.08464	1.08464	0.0694093	0.438305	-2.28151
cg09980686	C2orf52	0.0443052	0.441444	1.22469	1.22469	?	?	?	0.849279	0.952061	-1.05035	0.00236733	2.98837	2.98837	0.382366	1.26027	1.26027
cg04129227	C2orf52	0.0492977	0.776776	1.18335	1.18335	0.202296	2.21956	2.21956	0.190449	2.27316	2.27316	0.0659325	0.294659	-3.39375	0.89194	0.922653	-1.08383
cg24368408	C2orf53	0.000926927	0.40637	0.862779	-1.15904	0.8004	0.956934	-1.045	0.00199526	0.468458	-2.13467	6.30E-05	0.277991	-3.59724	0.0362763	0.655074	-1.52655
cg21635185	C2orf53	0.00182178	0.934252	1.02104	1.02104	0.219513	1.38509	1.38509	0.136172	0.666887	-1.4995	0.448982	0.823109	-1.21491	2.08E-05	0.114492	-8.73423
cg02323296	C2orf53	0.001847	0.797436	0.939964	-1.06387	0.0572049	0.595774	-1.67849	0.00682486	0.430162	-2.3247	0.00171353	0.340426	-2.93749	0.000119475	0.198006	-5.05036
cg00396894	C2orf53	0.0030509	0.23871	1.44958	1.44958	0.520179	1.21668	1.21668	0.00872281	0.365885	-2.7331	0.3269	1.35597	1.35597	0.000247936	0.161999	-6.17289
cg26174797	C2orf53	0.0176782	0.0109953	0.325486	-3.07232	0.0424953	0.439609	-2.27475	0.019257	0.369314	-2.70772	0.144914	0.576486	-1.73465	0.655843	1.17094	1.17094
cg22937804	C2orf53	0.0354727	0.203639	0.514626	-1.94316	0.00659214	0.174368	-5.735	0.0121104	0.212549	-4.7048	0.342894	0.616442	-1.62221	0.00513182	0.160358	-6.23604
cg07537917	C2orf54	0.000647174	0.617934	0.860461	-1.16217	0.604907	0.855575	-1.16881	0.0725005	0.5494	-1.82017	0.00369048	0.309489	-3.23113	0.017464	0.421174	-2.37432
cg02820040	C2orf54	0.00743974	0.024482	0.447789	-2.23319	0.0959592	0.578039	-1.72999	0.00851062	0.365432	-2.73648	0.0293385	0.463261	-2.15861	0.0215421	0.437118	-2.28771
cg19001654	C2orf54	0.0315617	0.290275	0.791823	-1.26291	0.0682777	0.647815	-1.54365	0.0732569	0.653889	-1.52931	0.506469	0.866447	-1.15414	0.998303	0.999548	-1.00045
cg04733744	C2orf54;C2orf54	0.0006664	0.545193	0.904509	-1.10557	0.889459	1.02306	1.02306	0.00664923	0.561414	-1.78122	0.427877	1.14188	1.14188	1.25E-05	0.221303	-4.51868
cg25390334	C2orf54;C2orf54	0.0131644	0.0783577	0.730413	-1.36909	0.0403012	0.683468	-1.46313	0.00342499	0.527915	-1.89424	0.42398	0.877057	-1.14018	0.341262	1.17063	1.17063
cg24075745	C2orf54;C2orf54	0.0155073	0.126083	0.515092	-1.9414	0.151645	0.540248	-1.851	0.00360877	0.206143	-4.85099	0.995866	1.00208	1.00208	0.00154928	0.161316	-6.199
cg04986236	C2orf54;C2orf54	0.0466625	0.00471638	0.287714	-3.47567	0.775149	0.909349	-1.09969	0.0492023	0.474771	-2.10628	0.760997	0.903728	-1.10653	0.0103229	0.342252	-2.92182
cg19055178	C2orf55	0.000149329	5.93E-05	0.234319	-4.26768	0.00162716	0.41406	-2.41511	0.010023	0.530021	-1.88672	0.0313916	0.610779	-1.63725	9.59E-06	0.155329	-6.43794
cg06274117	C2orf55	0.00177263	0.00142538	0.597606	-1.67334	0.000234565	0.506359	-1.97488	0.00391659	0.648426	-1.5422	0.2697	0.879644	-1.13682	0.0148252	0.715726	-1.39718
cg27300870	C2orf55	0.00531906	0.00155486	0.381073	-2.62417	0.85624	0.962269	-1.03921	0.891366	0.971434	-1.02941	0.141351	1.39857	1.39857	0.000993293	0.35437	-2.82191
cg18667659	C2orf55	0.00832745	0.0145138	5.32815	5.32815	0.0711096	3.06508	3.06508	0.0738098	3.02574	3.02574	0.0813867	2.92481	2.92481	0.0114705	5.79638	5.79638
cg01310365	C2orf55	0.0189131	0.901319	1.01887	1.01887	0.0360767	1.44385	1.44385	0.0954806	0.758848	-1.31779	0.197754	1.22768	1.22768	0.985948	1.00266	1.00266
cg12832145	C2orf55	0.0210301	0.0184518	0.706435	-1.41556	0.658105	0.947292	-1.05564	0.673177	1.05293	1.05293	0.110595	1.23539	1.23539	0.0103175	0.675079	-1.48131
cg18670100	C2orf55	0.0379137	0.0526458	0.371474	-2.69198	0.167508	0.516166	-1.93736	0.0165229	0.268107	-3.72986	0.237723	0.573522	-1.74361	0.00674636	0.206232	-4.8489
cg03171465	C2orf55	0.0422425	0.079136	5.25289	5.25289	0.0232216	10.0629	10.0629	0.115073	4.29757	4.29757	0.108664	4.43273	4.43273	0.0538877	6.43914	6.43914
cg08517455	C2orf55	0.0438939	0.0896133	0.467207	-2.14038	0.0905966	2.13442	2.13442	0.161873	1.83561	1.83561	0.757954	0.881882	-1.13394	0.00482078	0.218566	-4.57528
cg00690903	C2orf56;C2orf56	0.0367184	0.0232794	0.612256	-1.6333	0.775136	1.05168	1.05168	0.0263102	0.621201	-1.60979	?	?	?	0.752835	1.05716	1.05716
cg19540408	C2orf57	0.0148013	0.0106672	0.393757	-2.53964	0.038791	0.499218	-2.00313	0.154093	0.642112	-1.55736	0.464877	1.24105	1.24105	0.00916886	0.38261	-2.61363
cg03901836	C2orf57	0.0232637	0.220837	0.755002	-1.3245	0.593263	0.888947	-1.12493	0.0723639	0.645437	-1.54934	0.00215951	0.390522	-2.56068	0.28268	1.27602	1.27602
cg12018865	C2orf58	5.35E-05	0.0661412	0.731431	-1.36718	0.000153677	0.373648	-2.67631	0.0102608	0.612066	-1.63381	0.210359	1.22174	1.22174	9.87E-05	0.35027	-2.85494
cg02893429	C2orf58	0.00676529	0.0328831	0.627671	-1.59319	0.947425	1.01238	1.01238	0.00304234	0.468736	-2.1334	0.00123992	0.4144	-2.41313	0.419029	0.857186	-1.16661
cg14663177	C2orf58	0.0206537	0.0176515	0.297049	-3.36645	0.588787	1.258	1.258	0.34143	0.662162	-1.5102	0.0537561	0.39812	-2.5118	0.0171506	0.294773	-3.39245
cg10481134	C2orf58	0.0492333	0.120111	0.411398	-2.43073	0.00533374	0.144632	-6.9141	0.0889828	0.372276	-2.68618	0.202003	0.491817	-2.03327	0.0248368	0.244879	-4.08365
cg13038560	C2orf60;C2orf60;C2orf47	0.000315795	0.434237	0.813464	-1.22931	0.196015	0.702024	-1.42445	0.00157359	0.308908	-3.23721	0.0199821	0.483575	-2.06793	7.47E-05	0.155506	-6.43062
cg22365225	C2orf60;C2orf60;C2orf47	0.00192388	0.194535	0.757136	-1.32077	0.0815052	1.4791	1.4791	0.00013837	3.8014	3.8014	0.0168679	0.553763	-1.80583	0.466319	1.16217	1.16217
cg00556742	C2orf60;C2orf60;C2orf47	0.00543878	0.091047	1.15002	1.15002	0.00236746	1.37487	1.37487	0.559442	1.04532	1.04532	0.0343057	1.20372	1.20372	0.00134002	1.41909	1.41909
cg15761233	C2orf60;C2orf60;C2orf47	0.011866	0.943654	1.02957	1.02957	0.0740671	0.440166	-2.27187	0.0622782	0.421	-2.3753	0.0103537	0.264135	-3.78594	0.00846617	0.250153	-3.99755
cg04092513	C2orf60;C2orf60;C2orf47	0.024788	0.318001	0.862234	-1.15978	0.0266843	0.685829	-1.45809	0.403886	0.884562	-1.1305	0.185658	1.22329	1.22329	0.014684	0.649608	-1.53939
cg25936922	C2orf60;C2orf60;C2orf47	0.0276778	0.0125687	0.70505	-1.41834	0.614454	0.944413	-1.05886	0.521293	0.929416	-1.07594	0.255206	1.14311	1.14311	0.00293402	0.631248	-1.58416
cg03599729	C2orf60;C2orf60;C2orf47;C2orf60	4.88E-05	0.000371261	0.164577	-6.07618	0.0263561	2.30319	2.30319	0.00685989	3.03141	3.03141	0.0678174	0.5231	-1.91168	1.33E-06	0.0197989	-50.5078
cg13528338	C2orf61	0.013057	0.0223833	0.568923	-1.75771	0.298685	0.800892	-1.24861	0.746906	1.06902	1.06902	0.377614	1.20514	1.20514	0.590666	0.894116	-1.11842
cg14297026	C2orf61	0.0253344	0.133597	1.5324	1.5324	0.0120273	0.437671	-2.28482	0.0496808	0.553959	-1.80519	0.187622	1.44539	1.44539	0.561229	0.856433	-1.16763
cg20697204	C2orf61;C2orf61	5.50E-05	0.00319736	1.63186	1.63186	0.00095	1.82102	1.82102	0.00162085	1.73273	1.73273	3.14E-05	2.68388	2.68388	0.00686355	0.653156	-1.53103
cg05291965	C2orf61;C2orf61	0.00134062	0.328964	1.29846	1.29846	0.287905	1.33111	1.33111	0.00275817	2.91696	2.91696	0.00377022	2.75492	2.75492	0.0079156	0.413589	-2.41786
cg11552853	C2orf61;C2orf61	0.0250454	0.0169225	0.388322	-2.57518	0.276855	0.692654	-1.44372	0.0886515	0.543449	-1.8401	0.246469	1.48219	1.48219	0.0013511	0.220606	-4.53298
cg18852313	C2orf61;C2orf61	0.0357796	0.876701	1.03011	1.03011	0.814614	1.0459	1.0459	0.479272	0.871604	-1.14731	0.387208	1.18453	1.18453	0.0789924	0.688899	-1.45159
cg14201617	C2orf61;C2orf61;C2orf61;C2orf61	0.00898193	0.00619185	3.31998	3.31998	0.0113284	2.9035	2.9035	0.00267782	4.03624	4.03624	0.019374	2.58685	2.58685	0.174407	1.62521	1.62521
cg10498097	C2orf62	0.00412088	0.000858466	0.481568	-2.07655	0.870152	0.976403	-1.02417	0.650275	1.06889	1.06889	0.0366772	0.701635	-1.42524	0.277271	1.17931	1.17931
cg10550182	C2orf62	0.01543	0.0828933	0.588229	-1.70002	0.0104473	0.410325	-2.43709	0.171588	0.668852	-1.4951	0.0479527	0.535367	-1.86788	0.00311467	0.327149	-3.05671
cg04809904	C2orf62	0.025758	0.0853295	0.522966	-1.91217	0.325192	0.707352	-1.41372	0.0778241	0.512795	-1.9501	0.705077	1.13836	1.13836	0.00155783	0.212294	-4.71046
cg02271560	C2orf63;C2orf63	2.37E-05	3.00E-05	0.0322933	-30.9661	0.481477	0.740298	-1.35081	0.0893254	2.19751	2.19751	0.0126527	3.6789	3.6789	3.68E-05	0.0355415	-28.1361
cg11652636	C2orf63;C2orf63	0.000255016	0.00281058	0.204316	-4.89438	0.761665	0.889268	-1.12452	0.00845142	3.65933	3.65933	0.00157191	5.76511	5.76511	0.00781095	0.267836	-3.73363
cg20042692	C2orf63;C2orf63	0.000264917	0.000422912	0.0453913	-22.0307	0.492793	0.679988	-1.47061	0.0341945	3.92851	3.92851	0.00406556	8.46133	8.46133	0.00208232	0.0908081	-11.0122
cg24364967	C2orf63;C2orf63	0.000458665	0.0379524	0.374651	-2.66915	0.915061	1.04449	1.04449	0.0800665	2.2085	2.2085	0.0042657	4.75898	4.75898	0.0100081	0.265365	-3.7684
cg05084827	C2orf63;C2orf63	0.00158998	0.0582669	0.585709	-1.70733	0.01028	2.24437	2.24437	0.536629	0.855212	-1.1693	0.169314	0.693502	-1.44196	0.168292	0.692814	-1.44339
cg02465741	C2orf63;C2orf63	0.00817062	0.0385244	0.466585	-2.14323	0.00463122	0.301788	-3.31358	0.0433131	0.477513	-2.09418	0.6807	1.14064	1.14064	0.00165837	0.238981	-4.18443
cg21709257	C2orf63;C2orf63	0.0116782	0.742744	1.1022	1.1022	0.0390786	0.493827	-2.025	0.0854028	1.75386	1.75386	0.441494	0.793038	-1.26097	0.000431825	0.193027	-5.18062
cg15587603	C2orf63;RPS27A;C2orf63;RPS27A	0.0438007	0.0186935	0.565536	-1.76824	0.123383	1.39622	1.39622	0.0397896	1.60858	1.60858	0.250427	0.786486	-1.27148	0.817422	1.04733	1.04733
cg25246543	C2orf63;RPS27A;RPS27A;C2orf63	0.000572419	0.00112696	1.82504	1.82504	0.000515078	1.9743	1.9743	0.000646074	1.92872	1.92872	0.00115612	1.82054	1.82054	0.070186	0.775657	-1.28923
cg25477606	C2orf63;RPS27A;RPS27A;C2orf63	0.00157074	0.221656	0.682165	-1.46592	0.0139193	0.4047	-2.47096	0.359754	1.32361	1.32361	0.195709	1.50294	1.50294	0.00145145	0.254144	-3.93478
cg08053355	C2orf63;RPS27A;RPS27A;C2orf63	0.0163739	0.00703336	0.615976	-1.62344	0.0192491	0.674514	-1.48255	0.00435288	0.588731	-1.69857	0.986154	1.00242	1.00242	0.0821057	0.76501	-1.30717
cg05027052	C2orf63;RPS27A;RPS27A;C2orf63	0.0343897	0.0668231	0.331965	-3.01237	0.264776	0.535936	-1.8659	0.16417	0.450845	-2.21806	0.33577	1.70347	1.70347	0.882345	1.08272	1.08272
cg13293296	C2orf64	0.00232698	0.12498	0.728062	-1.37351	0.0078194	0.520789	-1.92016	0.113912	0.719884	-1.38911	0.403811	1.17733	1.17733	0.000140407	0.284751	-3.51184
cg26381918	C2orf64;UNC50	0.0239502	0.548769	1.10945	1.10945	0.0281743	0.64164	-1.55851	0.49841	0.889003	-1.12486	0.00113919	0.440791	-2.26865	0.249903	0.81396	-1.22856
cg02140991	C2orf64;UNC50	0.0451194	0.0355329	2.1338	2.1338	0.0132012	0.386193	-2.58938	0.100607	1.7454	1.7454	0.0586474	1.93768	1.93768	0.153206	0.622711	-1.60588
cg00306298	C2orf64;UNC50	0.0483623	0.729194	1.05044	1.05044	0.0225261	0.67917	-1.47238	0.338295	1.15	1.15	0.180904	1.2228	1.2228	0.0869838	1.30685	1.30685
cg15025240	C2orf65	4.65E-05	0.000278965	0.455083	-2.1974	0.281972	0.862374	-1.15959	2.41E-06	0.219499	-4.55583	0.0459385	0.738635	-1.35385	0.0493075	0.742946	-1.34599
cg02102114	C2orf65	0.000464405	0.000226811	0.390712	-2.55943	0.298612	0.847741	-1.17961	0.0186839	0.645956	-1.54809	0.484281	0.896751	-1.11514	0.000444166	0.42743	-2.33957
cg08880875	C2orf65	0.00842666	0.061935	0.591011	-1.69202	0.0395747	0.551271	-1.81399	0.00121318	0.305706	-3.27111	0.662976	0.896092	-1.11596	0.0027614	0.355928	-2.80956
cg01287476	C2orf65	0.0128066	0.0460287	3.10153	3.10153	0.0175907	4.1788	4.1788	0.0961915	2.47035	2.47035	0.554187	1.34474	1.34474	0.0140857	4.48273	4.48273
cg20945085	C2orf65	0.015695	0.0338116	11.2354	11.2354	0.0247956	13.5755	13.5755	0.102588	5.71782	5.71782	0.596914	1.68366	1.68366	0.0286281	12.4338	12.4338
cg02768694	C2orf65	0.019573	0.0349919	3.36999	3.36999	0.0119171	4.72012	4.72012	0.163304	2.08707	2.08707	0.247309	1.81878	1.81878	0.0177497	4.16047	4.16047
cg00967637	C2orf65	0.0300987	0.02491	1.81484	1.81484	0.105672	0.673905	-1.48389	0.165747	1.39106	1.39106	0.406475	1.2088	1.2088	0.0575838	1.61525	1.61525
cg17105755	C2orf65	0.0381716	0.0525164	7.06512	7.06512	0.0196234	12.1876	12.1876	0.2709	2.76377	2.76377	0.217985	3.15594	3.15594	0.0316592	9.33902	9.33902
cg05644602	C2orf65	0.0419518	0.809283	0.909843	-1.09909	0.467962	0.749332	-1.33452	0.0586788	0.434083	-2.3037	0.233715	0.613944	-1.62881	0.00120116	0.156617	-6.38502
cg02109484	C2orf65	0.0472216	0.0318335	11.5597	11.5597	0.12379	5.06138	5.06138	0.134142	4.81418	4.81418	0.388625	2.36217	2.36217	0.0510818	8.68418	8.68418
cg06284438	C2orf66	0.00894138	0.528647	0.805726	-1.24112	0.166142	0.606726	-1.64819	0.00797722	0.316387	-3.16068	0.166552	0.607058	-1.64729	0.0396872	0.447141	-2.23643
cg15944856	C2orf66	0.0318078	0.0191421	0.372763	-2.68267	0.358429	0.719856	-1.38917	0.00986695	0.321412	-3.11127	0.0247727	0.394452	-2.53516	0.00926604	0.316842	-3.15614
cg20944278	C2orf66;C2orf66	0.00206468	0.00338871	0.23872	-4.189	0.00613805	0.276473	-3.61699	0.0246873	0.382229	-2.61623	0.0033533	0.238087	-4.20014	0.000304609	0.121269	-8.24616
cg12760041	C2orf67	1.76E-05	0.000953694	1.96956	1.96956	?	?	?	6.24E-06	38.4327	38.4327	?	?	?	?	?	?
cg04052427	C2orf67	4.00E-05	0.154327	0.824551	-1.21278	2.20E-06	7.9829	7.9829	0.0669624	0.767669	-1.30265	0.000123724	2.81611	2.81611	?	?	?
cg09288320	C2orf67	0.00505699	0.901884	0.96689	-1.03424	0.000434876	0.219073	-4.56469	0.0066012	0.381811	-2.6191	0.668073	1.12498	1.12498	0.0400003	0.523082	-1.91175
cg06459166	C2orf67	0.00993765	0.985183	0.997866	-1.00214	0.63121	0.945893	-1.0572	0.339686	0.89299	-1.11983	0.303093	1.13053	1.13053	0.590273	0.939396	-1.06451
cg01733028	C2orf67	0.0193943	0.154017	0.742533	-1.34674	0.510434	0.877896	-1.13909	0.0706125	1.48308	1.48308	0.0131323	0.548846	-1.822	0.0386603	1.59544	1.59544
cg01547541	C2orf67	0.0284051	0.811933	0.968794	-1.03221	0.173572	0.82483	-1.21237	0.00140338	1.85021	1.85021	0.363615	1.13222	1.13222	0.654396	0.941829	-1.06176
cg24222817	C2orf68	0.000226064	0.249553	1.17434	1.17434	0.0345014	0.719444	-1.38996	0.0197752	0.686694	-1.45625	0.598898	0.931571	-1.07345	9.79E-05	0.396751	-2.52047
cg04738827	C2orf68	0.000759081	0.332089	0.793312	-1.26054	0.0142193	2.01342	2.01342	0.00186575	0.360149	-2.77663	0.0840486	1.55633	1.55633	0.0206614	0.524742	-1.9057
cg04469962	C2orf68	0.000767698	0.228832	0.702563	-1.42336	0.363979	1.29794	1.29794	0.202519	0.686534	-1.45659	0.510757	0.829885	-1.20499	7.10E-05	0.131989	-7.57641
cg03682581	C2orf68	0.00277243	0.000243692	0.108313	-9.23246	0.733667	1.13333	1.13333	0.686428	0.861798	-1.16037	0.0177525	0.347669	-2.8763	0.00256553	0.216001	-4.62962
cg10726312	C2orf68	0.0401364	0.00954828	0.7205	-1.38792	0.266718	0.890863	-1.12251	0.0597513	0.808834	-1.23635	0.0179078	0.750244	-1.3329	0.00716672	0.706994	-1.41444
cg18756291	C2orf68;C2orf68	0.0334988	0.815574	1.05174	1.05174	0.0708935	1.54601	1.54601	0.370318	1.21972	1.21972	0.895802	1.02869	1.02869	0.924122	0.979642	-1.02078
cg08172999	C2orf69	0.000517884	?	?	?	0.00130094	7.8486	7.8486	0.00972501	3.88427	3.88427	?	?	?	0.422146	0.731066	-1.36787
cg22439777	C2orf69	0.00358364	0.0255146	0.730772	-1.36842	0.447029	0.912481	-1.09591	0.0158939	0.70539	-1.41766	0.000555515	0.530934	-1.88347	0.0345456	0.747302	-1.33815
cg24301350	C2orf69	0.0361052	0.0634145	0.873237	-1.14516	0.0209368	0.834917	-1.19772	0.907461	1.00758	1.00758	0.513494	0.957883	-1.04397	0.0176897	0.829154	-1.20605
cg13415850	C2orf7	0.0279361	0.0678127	0.634175	-1.57685	0.351609	0.807816	-1.23791	0.359523	0.810794	-1.23336	0.230124	0.75555	-1.32354	0.118239	0.685493	-1.4588
cg18414987	C2orf70	0.000820898	0.0719344	0.559115	-1.78854	0.000576928	0.214059	-4.67162	0.859524	1.05261	1.05261	0.814218	1.0705	1.0705	0.000241321	0.172411	-5.80011
cg18742855	C2orf70	0.00625489	0.0993958	0.53253	-1.87783	0.24491	0.654195	-1.5286	0.988105	1.00521	1.00521	0.676625	0.863873	-1.15758	0.00117949	0.190121	-5.25979
cg04917511	C2orf70	0.0333915	0.94157	0.895411	-1.11681	0.141934	10.8007	10.8007	0.0790904	18.8814	18.8814	0.0770916	0.0517005	-19.3422	0.151452	0.0986395	-10.1379
cg13597316	C2orf71	5.30E-06	0.000838051	1.53997	1.53997	0.141261	1.14561	1.14561	0.00139524	0.671756	-1.48864	0.00305364	1.41711	1.41711	0.00721678	0.742367	-1.34704
cg23429306	C2orf71	0.000512091	0.295993	0.84439	-1.18429	0.0179558	1.56649	1.56649	0.0033367	1.8655	1.8655	0.0411887	1.44433	1.44433	0.000110738	0.345918	-2.89086
cg20836546	C2orf71	0.0246231	0.163663	0.792541	-1.26176	0.132464	0.775736	-1.2891	0.00597936	0.570034	-1.75428	0.458499	1.12533	1.12533	0.00117677	0.474924	-2.1056
cg01201818	C2orf72	7.46E-05	0.0017953	1.77427	1.77427	1.91E-05	3.06874	3.06874	0.000345516	2.10286	2.10286	0.497002	0.914828	-1.0931	3.73E-05	2.78123	2.78123
cg06241689	C2orf72	0.00877432	0.269903	1.23644	1.23644	0.00197009	2.24325	2.24325	0.00152542	2.32333	2.32333	0.0717594	1.44975	1.44975	0.37254	1.18427	1.18427
cg13909669	C2orf72	0.0221893	0.0499385	0.680869	-1.46871	0.00442536	0.520477	-1.92132	0.00643361	0.543737	-1.83913	0.686358	1.07228	1.07228	0.679517	0.931071	-1.07403
cg25124366	C2orf73	0.0356228	0.392618	1.14831	1.14831	0.0191263	1.56481	1.56481	0.778021	1.04564	1.04564	0.051064	1.4203	1.4203	0.275357	1.19626	1.19626
cg05037927	C2orf74	0.0119374	0.00466565	13.3121	13.3121	0.20429	2.51384	2.51384	0.00907355	0.102113	-9.79304	0.488341	0.616053	-1.62324	0.00797605	10.3828	10.3828
cg23405039	C2orf74	0.0161305	0.000996504	23.1073	23.1073	0.426263	1.68505	1.68505	0.738864	1.23972	1.23972	0.361079	0.54715	-1.82765	0.0616699	3.86463	3.86463
cg19113717	C2orf74	0.0349057	0.0650341	0.865722	-1.1551	0.167748	1.10775	1.10775	0.904695	1.00837	1.00837	0.434135	0.945968	-1.05712	0.00174435	0.732977	-1.3643
cg10480735	C2orf74	0.039067	0.751384	0.929789	-1.07551	0.033634	0.566453	-1.76537	0.00732755	0.453022	-2.2074	0.998187	1.00052	1.00052	0.255502	0.761938	-1.31244
cg10580144	C2orf74;C2orf74	5.57E-05	0.499886	0.913007	-1.09528	5.92E-05	2.6849	2.6849	0.00521332	1.6321	1.6321	0.311346	0.870058	-1.14935	0.232965	0.84687	-1.18082
cg23562675	C2orf76	0.0162773	0.0114643	0.4278	-2.33754	0.0567173	0.560496	-1.78413	0.00827883	0.404035	-2.47504	0.749414	1.08983	1.08983	0.0722606	1.71339	1.71339
cg16530760	C2orf76	0.0468635	0.317475	0.805811	-1.24099	0.00355523	0.43807	-2.28274	0.00917896	0.500963	-1.99615	0.712402	1.08043	1.08043	0.360596	0.821704	-1.21698
cg09313940	C2orf76;DBI;DBI;DBI	0.000265495	0.0223053	0.688807	-1.45179	0.188749	1.20871	1.20871	0.000229967	0.434865	-2.29957	0.553394	1.08504	1.08504	0.029036	1.41947	1.41947
cg19719653	C2orf76;DBI;DBI;DBI;DBI	0.00366966	0.7267	1.07409	1.07409	0.594917	1.11551	1.11551	0.00279918	0.432116	-2.31419	0.675935	1.08941	1.08941	0.888318	0.971784	-1.02904
cg19092603	C2orf77	0.00012114	0.690462	1.06066	1.06066	0.484354	1.11022	1.11022	0.198802	0.818918	-1.22112	0.136606	1.26609	1.26609	7.47E-06	0.234417	-4.26591
cg08266945	C2orf77;C2orf77;PHOSPHO2;KLHL23	0.00781243	0.418937	0.917512	-1.0899	0.00803967	0.701908	-1.42469	0.194512	1.1538	1.1538	0.967262	1.00429	1.00429	0.0817425	0.817847	-1.22272
cg10657739	C2orf77;PHOSPHO2;KLHL23	0.022869	0.00245801	0.46742	-2.1394	0.131276	0.745163	-1.34199	0.733563	0.940179	-1.06363	0.891434	1.02496	1.02496	0.0162523	1.69999	1.69999
cg20399131	C2orf78	0.00140585	0.0015731	0.350758	-2.85097	0.000272353	0.252411	-3.96179	0.00245816	0.378319	-2.64327	0.0311948	0.557977	-1.79219	0.0241151	0.537618	-1.86006
cg18326616	C2orf78	0.0159068	0.0257399	0.382458	-2.61467	0.00178151	0.199097	-5.02267	0.0287175	0.392085	-2.55046	0.328575	0.693551	-1.44186	0.00796935	0.291035	-3.43601
cg17735372	C2orf79	0.00504127	0.677678	0.930278	-1.07495	0.00520847	0.528625	-1.8917	0.000145338	0.32274	-3.09847	0.891832	0.976749	-1.0238	0.10229	0.734057	-1.36229
cg02878119	C2orf79;CENPO	6.42E-05	0.000396407	1.42643	1.42643	0.00678438	1.24724	1.24724	0.639697	1.03014	1.03014	0.626146	1.0314	1.0314	3.65E-06	0.505157	-1.97958
cg18529294	C2orf79;CENPO	0.0196218	0.340922	0.842301	-1.18722	0.134292	0.754001	-1.32626	0.235985	0.804795	-1.24255	0.251983	0.811177	-1.23278	0.00785629	0.550757	-1.81568
cg21450137	C2orf79;CENPO	0.0331683	0.815973	0.958825	-1.04294	0.499974	0.883828	-1.13144	0.694394	0.931257	-1.07382	0.779597	1.0519	1.0519	0.206286	1.27181	1.27181
cg08095437	C2orf80	0.00594533	0.00981514	0.313784	-3.18691	0.00513024	0.269094	-3.71618	0.0284462	0.399238	-2.50477	0.680149	0.863131	-1.15857	0.018716	0.363602	-2.75026
cg06281080	C2orf80	0.042375	0.0113666	0.416735	-2.3996	0.00611748	0.372209	-2.68666	0.427739	0.799589	-1.25064	0.904158	0.967274	-1.03383	0.0211333	0.464939	-2.15082
cg08093097	C2orf80;C2orf80	0.0122719	0.347741	0.764638	-1.30781	0.00153438	0.282127	-3.5445	0.110299	0.616894	-1.62103	0.0442738	1.89903	1.89903	0.124953	0.630648	-1.58567
cg05413277	C2orf81	0.00052578	0.00859973	0.363424	-2.75161	0.551084	1.19982	1.19982	0.0217799	2.29722	2.29722	0.432268	0.784997	-1.27389	0.00263001	0.284318	-3.51718
cg10533746	C2orf81	0.00062764	0.00598923	0.0950686	-10.5187	0.00153031	0.0504014	-19.8407	0.0221777	0.165905	-6.02754	0.0147381	0.139985	-7.14361	0.000228249	0.0181032	-55.239
cg17961057	C2orf81	0.00706077	0.0251635	0.249609	-4.00627	0.00640415	0.157431	-6.35198	0.0399376	0.290061	-3.44755	0.0734376	0.353345	-2.83009	0.00303905	0.120451	-8.30212
cg13888593	C2orf81	0.0134509	0.0360414	0.138077	-7.24231	0.222327	2.83307	2.83307	0.0719004	5.11091	5.11091	0.226199	0.356353	-2.80621	0.0713455	0.194894	-5.13099
cg25114245	C2orf81	0.0320807	0.0447042	0.443478	-2.2549	0.253127	0.656315	-1.52366	0.337558	0.705516	-1.4174	0.735123	0.887091	-1.12728	0.00157937	0.201728	-4.95716
cg05146436	C2orf81	0.0371166	0.0172186	0.335848	-2.97753	0.0192724	0.344995	-2.8986	0.143515	0.55381	-1.80567	0.128255	0.538954	-1.85545	0.0156832	0.32842	-3.04488
cg09569569	C2orf81	0.0371456	0.190912	0.544292	-1.83725	0.00699956	0.216138	-4.62666	0.485294	0.732387	-1.3654	0.526084	0.754149	-1.326	0.0756693	0.419594	-2.38326
cg05709124	C2orf82	0.00106517	0.411235	0.630316	-1.58651	0.87446	0.916815	-1.09073	0.844224	0.897573	-1.11411	0.0602632	0.312239	-3.20267	0.648862	1.28635	1.28635
cg06283342	C2orf82	0.00233016	0.0644224	0.528782	-1.89114	0.124084	1.66654	1.66654	0.0180218	2.41385	2.41385	0.196435	0.657706	-1.52044	0.113841	0.590025	-1.69484
cg07291417	C2orf83;C2orf83	0.000856962	0.787526	1.09445	1.09445	0.713167	0.883953	-1.13128	0.00753945	0.317066	-3.15391	0.487841	1.26551	1.26551	4.77E-05	0.0773913	-12.9213
cg24587552	C2orf83;C2orf83	0.00348241	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12489444	C2orf83;C2orf83;C2orf83;C2orf83	0.00161401	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13471996	C2orf83	0.00245563	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26838691	C2orf84	2.00E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02683114	C2orf84	0.000198498	0.000406945	0.111082	-9.00237	0.000219063	0.089819	-11.1335	0.000180406	0.0837329	-11.9427	0.193225	1.71356	1.71356	[illegible]	[illegible]	-10.6558

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21847751	?	?	?	?	?	?	0.303407	1.83814	1.83814	0.262073	0.512463	-1.95136	10.1829	39.618	3.89064	1
cg10281105	0.526878	0.740042	-1.35127	?	?	?	0.421588	1.47033	1.47033	0.16303	2.01202	2.01202	5.50724	17.0932	3.10376	1
cg09668639	0.0151583	0.297725	-3.3588	0.00686498	0.241336	-4.1436	0.0290906	0.351874	-2.84193	0.0146069	0.294872	-3.3913	3.83763	10.0234	2.32165	1
cg09980686	0.16433	1.46688	1.46688	0.300221	0.7579	-1.31943	0.128022	0.653863	-1.52937	0.524719	1.1811	1.1811	3.6003	3.37947	0.938665	1
cg04129227	0.00373022	0.0982978	-10.1732	0.562501	1.41452	1.41452	0.839195	0.886621	-1.12788	?	?	?	3.45684	17.0708	4.93825	1
cg24368408	0.0360981	0.654725	-1.52736	0.0214817	1.61603	1.61603	0.0857654	0.718953	-1.39091	0.0019092	0.465828	-2.14671	12.0221	5.74889	0.425061	1
cg21635185	0.589916	0.871725	-1.14715	0.296859	1.31375	1.31375	0.74596	0.921257	-1.08547	0.262238	0.744575	-1.34305	9.90716	9.98841	0.896179	1
cg02323296	0.237089	0.742176	-1.34739	0.0753229	1.61068	1.61068	0.0134062	0.478481	-2.08995	0.135787	0.679114	-1.47251	9.86769	9.05578	0.815752	1
cg00396894	0.198916	1.50445	1.50445	0.0901449	0.57011	-1.75405	0.0284182	0.459213	-2.17764	0.0083277	0.362537	-2.75834	8.51548	12.2085	1.27439	1
cg26174797	0.396286	1.35747	1.35747	0.00152944	0.20094	-4.97662	0.360939	0.718625	-1.39155	0.193602	0.616345	-1.62247	4.90476	9.61508	1.74254	1
cg22937804	0.463621	0.69119	-1.44678	0.0990131	0.408424	-2.44844	0.333666	0.610362	-1.63837	0.0597302	0.34927	-2.86311	3.84839	14.9407	3.45096	1
cg07537917	0.00189903	0.268435	-3.72529	1.14E-05	0.0617033	-16.2066	0.280382	0.715084	-1.39844	0.02743	0.458552	-2.18078	13.2998	18.815	1.25749	1
cg02820040	0.238685	0.690765	-1.44767	0.000325717	0.175254	-5.70599	0.0111242	0.385136	-2.59648	0.394437	0.769905	-1.29886	6.49039	9.23821	1.26522	1
cg19001654	0.246463	0.77278	-1.29403	0.000759157	0.337751	-2.96076	0.24699	0.773022	-1.29362	0.0440583	0.611374	-1.63566	4.01362	2.87515	0.636753	1
cg04733744	0.134755	1.30253	1.30253	0.0993646	1.34459	1.34459	0.531369	1.10952	1.10952	0.441294	0.879231	-1.13736	13.1914	5.61336	0.378251	1
cg25390334	0.135471	1.29498	1.29498	0.00867747	1.71155	1.71155	0.367995	0.861956	-1.16015	0.568703	1.09696	1.09696	5.40789	2.21044	0.363328	1
cg24075745	0.718576	1.1561	1.1561	0.158399	1.83008	1.83008	0.66413	1.19138	1.19138	0.946156	0.973292	-1.02744	5.12395	13.0377	2.26175	1
cg04986236	0.67171	1.15194	1.15194	0.843147	0.93638	-1.06794	0.458324	0.778357	-1.28476	0.0581128	0.491339	-2.03525	3.47784	6.06419	1.54993	1
cg19055178	0.000707836	0.365052	-2.73933	0.660471	1.09016	1.09016	0.781526	0.947153	-1.0558	0.00807298	0.515508	-1.93983	19.8809	12.0091	0.536936	1
cg06274117	0.925121	1.01054	1.01054	0.0239919	1.35044	1.35044	0.64341	0.949317	-1.05339	0.810774	0.973593	-1.02712	9.98605	1.96874	0.175243	1
cg27300870	0.202867	1.32991	1.32991	0.033713	0.590976	-1.69212	0.27928	1.26943	1.26943	0.0666223	0.646493	-1.54681	7.20106	5.12999	0.633238	1
cg18667659	0.0304653	4.10797	4.10797	0.000479354	20.9981	20.9981	0.00633598	7.20425	7.20425	0.0475806	3.52138	3.52138	6.26446	30.624	4.34537	1
cg01310365	0.717984	1.05617	1.05617	0.00114438	2.0554	2.0554	0.088766	1.32692	1.32692	0.0318024	1.46104	1.46104	4.79448	1.72383	0.319596	1
cg12832145	0.469498	1.09359	1.09359	0.0297237	1.36489	1.36489	0.0270474	0.727422	-1.37472	0.674505	0.949941	-1.0527	4.62477	1.08274	0.208104	1
cg18670100	0.418745	0.68977	-1.44976	0.00456651	0.183114	-5.46109	0.469341	0.718281	-1.39221	0.417625	0.689127	-1.45111	3.75626	12.0203	2.8445	1
cg03171465	0.0478108	6.85938	6.85938	0.00535581	22.673	22.673	0.018295	11.4382	11.4382	0.135403	3.93346	3.93346	3.60961	41.3979	10.1945	1
cg08517455	0.131197	0.515466	-1.93999	0.521354	1.30253	1.30253	0.998444	0.999207	-1.00079	0.17384	0.555238	-1.80103	3.55847	9.31931	2.32792	1
cg00690903	?	?	?	0.114922	1.35718	1.35718	0.0933387	0.71932	-1.3902	0.028803	0.627864	-1.5927	4.29687	1.60244	0.372932	1
cg19540408	0.74224	0.908624	-1.10057	0.00172091	0.272865	-3.66481	0.561316	0.843215	-1.18594	0.0294485	0.474947	-2.1055	5.20358	6.94739	1.18677	1
cg03901836	0.285095	1.27435	1.27435	0.0774836	1.53497	1.53497	0.940308	1.01649	1.01649	0.0455469	0.606122	-1.64983	4.46726	3.37321	0.671197	1
cg12018865	0.00243252	0.527129	-1.89707	2.21E-06	0.172429	-5.7995	0.861016	0.97376	-1.02695	0.00168892	0.506182	-1.97557	26.1466	9.53398	0.324121	1
cg02893429	0.211344	0.782118	-1.27858	0.153823	1.32971	1.32971	0.150211	0.74988	-1.33355	0.00372281	0.481315	-2.07764	6.68576	3.68805	0.490336	1
cg14663177	0.0132933	0.275254	-3.63301	0.015708	0.287915	-3.47324	0.653939	1.20896	1.20896	0.0095186	0.251275	-3.9797	4.65335	13.0334	2.48966	1
cg10481134	0.080408	0.360029	-2.77755	0.0215158	0.233508	-4.28251	0.0542347	0.316394	-3.16062	0.124016	0.415848	-2.40472	3.40807	14.9776	3.90644	1
cg13038560	0.582094	0.866046	-1.15467	0.606765	1.14378	1.14378	0.000119436	0.175371	-5.70219	0.000116464	0.17427	-5.73823	16.2206	17.1996	0.942542	1
cg22365225	0.2202	1.29865	1.29865	0.00714014	0.494434	-2.02252	0.149497	0.731032	-1.36793	0.775485	0.943678	-1.05968	9.75143	6.34723	0.57858	1
cg00556742	0.533518	0.953749	-1.04849	0.180542	0.898727	-1.11268	0.650123	0.966291	-1.03489	0.00397646	1.33747	1.33747	7.15208	0.63874	0.079385	1
cg15761233	0.0514427	0.400885	-2.49448	0.951185	0.975078	-1.02556	0.00263975	0.179898	-5.55869	0.00449058	0.209793	-4.76661	5.59382	15.0551	2.39234	1
cg04092513	0.075773	0.752889	-1.32822	0.00297033	0.556823	-1.7959	0.517534	0.910077	-1.09881	0.0443918	0.717782	-1.39318	4.37015	1.42748	0.290349	1
cg25936922	0.960277	0.994408	-1.00562	0.893073	1.01526	1.01526	0.129484	1.20255	1.20255	0.203147	1.16331	1.16331	4.20488	0.844352	0.178492	1
cg03599729	0.134048	0.599387	-1.66837	0.194145	1.54518	1.54518	0.199611	0.650985	-1.53613	0.448546	1.27717	1.27717	26.7923	42.5783	1.41262	1
cg13528338	0.000412826	0.314923	-3.17538	0.168123	1.35358	1.35358	0.348502	0.819598	-1.22011	0.175411	0.743041	-1.34582	5.4224	3.64852	0.598099	1
cg14297026	0.341405	1.29514	1.29514	0.00683697	2.5198	2.5198	0.771513	1.07984	1.07984	0.621707	1.14021	1.14021	4.33713	4.78028	0.979712	1
cg20697204	0.00469254	1.57972	1.57972	0.000234047	2.1009	2.1009	1.46E-05	2.99152	2.99152	0.675919	0.950133	-1.05248	25.9527	6.08499	0.208413	1
cg05291965	0.02175	2.04217	2.04217	0.00168596	3.2012	3.2012	0.000434995	4.22765	4.22765	0.29463	1.32546	1.32546	10.8233	11.5187	0.946006	1
cg11552853	0.110768	0.568819	-1.75803	0.142034	0.59897	-1.66953	0.0803061	0.532626	-1.87749	0.363826	0.738594	-1.35392	4.35448	7.2706	1.48416	1
cg18852313	0.108938	0.716039	-1.39657	0.0577154	0.66364	-1.50684	0.00309746	2.16692	2.16692	0.755292	0.942014	-1.06156	3.83638	2.21811	0.513935	1
cg14201617	0.815155	1.0819	1.0819	0.861561	1.06043	1.06043	0.00192046	4.37716	4.37716	0.0852815	1.89554	1.89554	6.11627	10.9455	1.59073	1
cg10498097	0.157439	0.801984	-1.24691	0.00448942	1.73843	1.73843	0.970629	0.99464	-1.00539	0.00568956	0.588963	-1.6979	7.78228	2.62605	0.299946	1
cg10550182	0.0184111	0.45373	-2.20396	0.0142067	0.433475	-2.30694	0.0685224	0.569216	-1.7568	0.00573037	0.367553	-2.7207	5.13244	6.20719	1.07502	1
cg04809904	0.774477	0.906736	-1.10286	0.065602	0.49451	-2.02221	0.00928004	0.324652	-3.08022	0.0894901	0.528317	-1.8928	4.31213	7.93202	1.63508	1
cg02271560	0.00428737	4.98028	4.98028	0.000346132	11.2377	11.2377	0.000101003	18.1038	18.1038	0.00794323	4.18036	4.18036	32.4116	90.6659	2.48651	1
cg11652636	0.000792178	7.07051	7.07051	0.417672	1.37648	1.37648	0.00010576	14.0301	14.0301	0.00794631	3.71727	3.71727	17.1966	40.5379	2.0954	1
cg20042692	0.00350355	8.96124	8.96124	0.0100488	6.04307	6.04307	0.000388779	22.9209	22.9209	0.0277132	4.22439	4.22439	17.0189	82.6321	4.31584	1
cg24364967	0.00237917	5.63079	5.63079	0.000810317	7.85463	7.85463	0.000112942	15.9114	15.9114	0.0251788	2.96313	2.96313	14.6363	38.5863	2.34342	1
cg05084827	0.109616	1.54652	1.54652	0.0265017	0.518152	-1.92994	0.000140939	5.16636	5.16636	0.0404118	0.553365	-1.80713	10.3051	10.1978	0.87963	1
cg02465741	0.907991	1.03745	1.03745	0.0315607	2.22954	2.22954	0.453399	1.27494	1.27494	0.339463	0.731169	-1.36767	6.30213	10.0951	1.42387	1
cg21709257	0.406278	0.778014	-1.28532	0.692088	0.88905	-1.1248	0.122084	1.64065	1.64065	0.404512	0.777245	-1.2866	5.62281	7.77338	1.22886	1
cg15587603	0.0288948	0.597374	-1.67399	0.364423	0.829953	-1.20489	0.238844	0.781371	-1.2798	0.18639	0.755677	-1.32332	3.5613	2.25581	0.563044	1
cg25246543	0.33321	1.13346	1.13346	0.0517601	0.75744	-1.32024	0.0616715	0.767859	-1.30232	0.102254	1.25161	1.25161	13.7632	3.43337	0.221742	1
cg25477606	0.00320952	0.301911	-3.31224	0.000291122	0.17223	-5.80619	0.521451	1.21347	1.21347	0.00507219	0.331833	-3.01357	10.3414	14.5205	1.24811	1
cg08053355	0.649184	1.06576	1.06576	0.0174633	0.668748	-1.49533	0.0552219	0.739165	-1.35288	0.0225918	0.684059	-1.46186	5.03214	1.54122	0.272245	1
cg05027052	0.246672	0.521985	-1.91576	0.00172142	0.0906743	-11.0285	0.79353	0.868693	-1.15115	0.0213206	0.226518	-4.41465	3.8918	17.7517	4.0545	1
cg13293296	0.00477348	0.48874	-2.04608	0.0238147	0.59722	-1.67442	0.0647859	1.4864	1.4864	0.252929	0.79597	-1.25633	9.22439	5.33527	0.514122	1
cg26381918	0.555844	1.10737	1.10737	0.142767	0.763636	-1.30952	0.469502	1.13425	1.13425	0.226826	1.24262	1.24262	4.42258	2.0527	0.41257	1
cg02140991	0.421216	1.28977	1.28977	0.988383	0.995501	-1.00452	0.733644	0.899626	-1.11157	0.324341	1.37055	1.37055	3.52203	5.34986	1.3502	1
cg00306298	0.11609	0.785201	-1.27356	0.0179125	0.665385	-1.50289	0.64577	0.936568	-1.06773	0.376292	1.13719	1.13719	3.4312	1.0895	0.282247	1
cg15025240	0.432055	1.11203	1.11203	5.78E-05	0.372549	-2.68421	0.418583	1.11567	1.11567	0.000174553	0.430227	-2.32436	27.1332	7.53624	0.246889	1
cg02102114	0.00623944	0.578961	-1.72723	0.607074	0.923551	-1.08278	4.66E-05	0.307802	-3.24884	0.00184925	0.507801	-1.96928	14.586	5.43026	0.330927	1
cg08880875	0.0661418	0.597088	-1.67479	0.104121	0.641114	-1.55978	0.00382178	0.376925	-2.65305	0.0187279	0.490279	-2.03965	6.24108	6.18726	0.881223	1
cg01287476	0.0823149	2.59293	2.59293	0.000784216	12.3514	12.3514	0.00987576	5.02292	5.02292	0.0677191	2.75416	2.75416	5.45678	21.1797	3.45009	1
cg20945085	0.0825232	6.53502	6.53502	0.00110225	109.494	109.494	0.0101733	23.656	23.656	0.0324702	11.5155	11.5155	5.10353	77.0171	13.4142	1
cg02768694	0.727086	1.18918	1.18918	0.00183641	8.91941	8.91941	0.0151597	4.37241	4.37241	0.0780925	2.63275	2.63275	4.73915	18.3539	3.44251	1
cg00967637	0.574318	1.13511	1.13511	0.00548858	2.25981	2.25981	0.230623	1.3242	1.3242	0.125101	0.690255	-1.44874	4.08207	3.22347	0.701926	1
cg17105755	0.0649342	6.28504	6.28504	0.00446609	28.8764	28.8764	0.0229983	11.1525	11.1525	0.0892875	5.26824	5.26824	3.74695	46.6758	11.0729	1
cg05644602	0.0541102	0.425625	-2.34948	0.746633	0.881023	-1.13504	0.455596	0.743083	-1.34574	0.0592152	0.435044	-2.29862	3.61887	8.75141	2.14958	1
cg02109484	0.106783	5.54604	5.54604	0.00451659	39.7108	39.7108	0.0260187	13.0681	13.0681	0.0419706	9.7785	9.7785	3.46227	51.9	13.3246	1
cg06284438	0.965086	1.01492	1.01492	0.000217677	0.124083	-8.05913	0.130703	0.575634	-1.73722	0.059846	0.487458	-2.05146	6.12506	11.1084	1.61209	1
cg15944856	0.538451	0.805095	-1.24209	0.025336	0.396393	-2.52275	0.294628	0.685	-1.45985	0.0341353	0.422939	-2.36441	4.00249	7.68	1.7056	1
cg20944278	0.299272	0.679221	-1.47228	0.012727	0.328542	-3.04375	0.00119613	0.181393	-5.51288	0.0078278	0.293095	-3.41186	9.55284	19.5597	1.82003	1
cg12760041	?	?	?	?	?	?	?	?	?	0.00023848	0.339469	-2.94577	2101.56	27.9645	0.0133065	1
cg04052427	0.0744825	1.29079	1.29079	0.284172	0.870041	-1.14937	0.000477899	2.24887	2.24887	0.000266299	2.4648	2.4648	58.1888	11.8826	0.153156	1
cg09288320	0.0438093	1.88248	1.88248	0.154448	1.51608	1.51608	0.17414	0.673887	-1.48393	0.131181	0.640873	-1.56037	7.31324	8.63271	1.04926	1
cg06459166	0.357366	1.11501	1.11501	0.000717124	0.553077	-1.80807	0.0992624	0.812345	-1.231	0.00663716	1.49961	1.49961	5.92245	1.24077	0.186225	1
cg01733028	0.00780242	0.51364	-1.94689	0.107002	0.709473	-1.4095	0.287553	0.806221	-1.24035	0.156357	0.743956	-1.34416	4.75391	2.86494	0.535688	1
cg01547541	0.099117	0.78626	-1.27184	0.620278	0.935729	-1.06869	0.796052	1.03505	1.03505	0.0690986	1.31066	1.31066	4.16663	1.16741	0.249049	1
cg24222817	0.004212	1.6683	1.6683	0.000566233	0.489996	-2.04083	7.96E-05	0.385981	-2.5908	0.954213	1.0077	1.0077	17.7702	5.01939	0.251077	1
cg04738827	0.683827	0.909607	-1.09938	0.426538	0.828726	-1.20667	3.57E-05	0.158042	-6.32742	0.176632	0.717225	-1.39426	12.7185	10.7852	0.753776	1
cg04469962	0.0816628	0.583103	-1.71496	0.000324518	0.196961	-5.07715	0.11897	0.623115	-1.60484	0.00035218	0.200899	-4.97762	12.6782	15.6896	1.10003	1
cg03682581	0.993635	0.997081	-1.00293	0.0253251	0.377426	-2.64953	0.367726	0.712425	-1.40366	0.00141887	0.184094	-5.43202	8.76058	18.6347	1.89076	1
cg10726312	0.0487538	0.798693	-1.25205	0.372491	0.912617	-1.09575	0.36572	0.911365	-1.09726	0.869481	1.01656	1.01656	3.67852	0.581073	0.140412	1
cg18756291	0.00710166	0.471944	-2.11889	0.00731785	2.10978	2.10978	0.322493	0.802	-1.24688	0.879157	0.967686	-1.03339	3.9288	2.90045	0.656225	1
cg08172999	0.0026124	0.166052	-6.02222	0.0223753	3.03734	3.03734	0.0171979	3.27556	3.27556	0.000245256	0.0600269	-16.6592	24.5852	41.4565	1.44535	1
cg22439777	0.0118612	0.689892	-1.4495	0.00669444	0.659895	-1.51539	0.445582	1.09625	1.09625	0.0444321	1.31363	1.31363	8.11621	1.7952	0.19661	1
cg24301350	0.00442071	0.781377	-1.27979	0.828736	1.01417	1.01417	0.0938851	0.887257	-1.12707	0.0679544	0.875681	-1.14197	3.82378	0.255368	0.0593637	1
cg13415850	0.167275	0.720541	-1.38785	0.00212547	0.382397	-2.61509	0.0059767	0.449306	-2.22565	0.01926	0.532421	-1.87821	4.19115	3.29011	0.69779	1
cg18414987	0.0487007	0.521214	-1.9186	0.101738	1.67947	1.67947	0.298762	0.732198	-1.36575	0.000182799	0.16026	-6.23987	12.4414	16.5048	1.1792	1
cg18742855	0.862567	0.941344	-1.06231	0.861787	1.06268	1.06268	0.000418364	0.142033	-7.04063	0.015644	0.355645	-2.8118	6.85049	13.2051	1.71343	1
cg04917511	0.801107	0.683583	-1.46288	?	?	?	0.0158803	85.7504	85.7504	0.0387169	0.0271144	-36.8808	3.99793	127.826	31.973	1
cg13597316	5.73E-05	1.89911	1.89911	2.85E-06	2.61884	2.61884	1.22E-06	2.93095	2.93095	0.000264156	1.67355	1.67355	47.8017	5.58917	0.103932	1
cg23429306	0.00145927	2.04921	2.04921	0.29914	1.18289	1.18289	0.00356018	1.8523	1.8523	0.550062	1.09898	1.09898	14.1961	5.47743	0.34297	1
cg20836546	0.169146	0.795222	-1.25751	0.299676	0.845249	-1.18308	0.39065	0.871459	-1.1475	0.475395	0.892678	-1.12022	4.3803	1.69739	0.344449	1
cg01201818	0.00193898	1.76132	1.76132	0.000525867	2.00857	2.00857	0.000876783	1.90421	1.90421	0.123521	0.806259	-1.2403	23.944	6.31918	0.234592	1
cg06241689	0.724088	1.06767	1.06767	0.0756577	1.44094	1.44094	0.00269002	2.15163	2.15163	0.801992	0.954642	-1.04751	6.16179	3.33049	0.480451	1
cg13909669	0.235369	1.23839	1.23839	0.0192806	0.614697	-1.62682	0.196366	0.79068	-1.26473	0.343936	0.845686	-1.18247	4.54057	2.1255	0.4161	1
cg25124366	0.0173001	1.58062	1.58062	0.0413271	0.68962	-1.45007	0.533554	0.905226	-1.1047	0.0549216	1.41019	1.41019	3.8425	1.51745	0.351033	1
cg05037927	0.325871	0.497565	-2.00979	0.671943	0.74594	-1.34059	0.906582	0.922395	-1.08413	0.088244	3.64872	3.64872	5.58296	41.8678	6.66597	1
cg23405039	0.0390727	0.215683	-4.63643	0.366329	0.550951	-1.81504	0.576533	1.43674	1.43674	0.0756975	3.56031	3.56031	5.05731	33.0432	5.80779	1
cg19113717	0.251378	0.919977	-1.08698	0.902605	1.00856	1.00856	0.933146	0.994178	-1.00586	0.0380213	0.84586	-1.18223	3.87091	0.296983	0.0681971	1
cg10480735	0.590352	0.882962	-1.13255	0.0157777	1.96892	1.96892	0.628183	0.894246	-1.11826	0.178	0.720492	-1.38794	3.71524	3.08678	0.738527	1
cg10580144	0.0150478	1.48752	1.48752	1.26E-05	0.294791	-3.39223	0.0537527	0.747474	-1.33784	0.0005949	2.02281	2.02281	25.8691	7.23586	0.248631	1
cg23562675	0.943293	0.981086	-1.01928	0.030756	1.97598	1.97598	0.181709	1.46307	1.46307	0.865486	1.04656	1.04656	5.04207	5.75373	1.01435	1
cg16530760	0.582228	1.1231	1.1231	0.901111	1.02631	1.02631	0.752817	1.06824	1.06824	0.162523	0.732324	-1.36552	3.47222	2.40071	0.614583	1
cg09313940	0.75444	1.04364	1.04364	1.17E-05	0.282492	-3.53992	0.204113	0.833235	-1.20014	0.371439	0.882562	-1.13307	17.0087	4.99188	0.26088	1
cg19719653	0.00011209	0.250837	-3.98665	0.9397	1.01553	1.01553	0.205881	0.761999	-1.31234	0.277488	1.25866	1.25866	8.05869	5.29553	0.584107	1
cg19092603	0.0391876	1.42062	1.42062	3.76E-05	0.312043	-3.20469	0.579044	0.92086	-1.08594	0.0569073	0.728328	-1.37301	21.0316	7.20977	0.304717	1
cg08266945	0.271482	0.887515	-1.12674	0.244092	0.880704	-1.13545	0.00160295	1.60288	1.60288	0.0220602	1.33135	1.33135	6.39165	1.09995	0.152971	1
cg10657739	0.575648	1.1075	1.1075	0.795527	0.954196	-1.048	0.309001	1.20935	1.20935	0.0886807	1.40361	1.40361	4.49369	2.31985	0.458885	1
cg20399131	0.00432883	0.414792	-2.41085	0.000345259	0.264786	-3.77663	0.04478	0.587698	-1.70156	0.0442072	0.586614	-1.7047	10.6767	9.00373	0.749604	1
cg18326616	0.0712542	0.481359	-2.07745	0.00822804	0.293274	-3.40978	0.0567942	0.457326	-2.18662	0.289016	0.670722	-1.49093	5.08085	10.5967	1.85388	1
cg17735372	0.270502	0.820059	-1.21942	0.114411	1.34568	1.34568	0.988586	0.99753	-1.00248	0.774484	0.951542	-1.05093	7.3202	3.46618	0.420896	1
cg02878119	0.135145	1.10674	1.10674	0.0158764	0.830261	-1.20444	0.0107501	0.817237	-1.22364	0.0123139	0.821779	-1.21687	24.9132	1.56465	0.0558257	1
cg18529294	0.00108203	0.430091	-2.32509	0.0174405	0.60284	-1.65881	0.916774	1.01845	1.01845	0.799763	1.04545	1.04545	4.73515	2.29336	0.430512	1
cg21450137	0.599077	1.10041	1.10041	0.000782143	0.400026	-2.49984	0.218052	1.26325	1.26325	0.521606	0.889444	-1.1243	3.94284	2.03136	0.457957	1
cg08095437	0.139214	0.568314	-1.75959	0.00060714	0.153154	-6.52936	0.166563	1.68826	1.68826	0.0975624	0.524416	-1.90688	6.95879	13.8943	1.77481	1
cg06281080	0.172175	0.669376	-1.49393	0.287408	1.35678	1.35678	0.30472	0.74558	-1.34124	0.640249	0.878081	-1.13885	3.60542	4.35687	1.07415	1
cg08093097	0.0607746	0.556141	-1.79811	0.0259741	0.480182	-2.08254	0.012461	0.41994	-2.38129	0.840237	0.945515	-1.05762	5.53308	6.75151	1.08463	1
cg05413277	0.350251	0.747957	-1.33698	0.00462287	5.28206	5.28206	0.0041884	0.492384	-2.03094	0.000337088	5.79075	5.79075	14.0925	20.3621	1.28435	1
cg10533746	0.0440369	0.219631	-4.55309	7.03E-05	0.00863098	-115.862	0.272719	2.1124	2.1124	0.00862072	0.111448	-8.9728	13.4142	91.1696	6.04133	1
cg17961057	0.0861659	0.372245	-2.6864	0.000755964	0.0698167	-14.3232	0.781366	1.15605	1.15605	0.0314649	0.268469	-3.72483	6.59731	28.3843	3.82436	1
cg13888593	0.290897	0.410685	-2.43495	0.00537879	19.6048	19.6048	0.262305	0.387114	-2.58322	0.0208658	9.56462	9.56462	5.36992	56.0711	9.28151	1
cg25114245	0.239256	0.647377	-1.5447	0.00928973	0.312094	-3.20416	0.822637	1.08243	1.08243	0.155783	0.585191	-1.70884	3.99028	7.86703	1.75249	1
cg05146436	0.0744792	0.473751	-2.11081	0.00563795	0.255174	-3.91889	0.215198	0.612347	-1.63306	0.101572	0.509726	-1.96184	3.78552	8.47366	1.98973	1
cg09569569	0.0968341	0.449086	-2.22675	0.00236967	0.155392	-6.43533	0.814969	1.10845	1.10845	0.256529	0.594418	-1.68232	3.78444	11.5629	2.71589	1
cg05709124	0.698219	1.23864	1.23864	0.972582	0.981299	-1.01906	1.24E-05	157.877	157.877	0.533559	1.41391	1.41391	11.5575	55.2275	4.24754	1
cg06283342	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07291417	0.727912	1.12377	1.12377	0.000392718	0.151529	-6.59941	0.903284	1.04145	1.04145	0.0114759	0.347638	-2.87655	12.2916	21.7283	1.57132	1
cg24587552	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12489444	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13471996	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26838691	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02683114	0.658099	0.840119	-1.19031	0.524269	0.776916	-1.28714	0.0308322	2.69628	2.69628	0.0485017	2.41491	2.41491	18.4088	44.61	2.15405	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01343041	C2orf84	0.000869054	0.10411	1.48377	1.48377	0.00143201	2.78403	2.78403	0.0116499	2.01403	2.01403	0.170365	1.38299	1.38299	0.00290917	2.48096	2.48096
cg18527919	C2orf84	0.00163362	0.523744	1.1524	1.1524	0.000223253	3.85246	3.85246	0.010226	2.03545	2.03545	0.25374	1.29906	1.29906	0.035142	1.71385	1.71385
cg17277199	C2orf84	0.00198911	0.0258199	2.3008	2.3008	0.0145557	2.57921	2.57921	0.0400038	2.11127	2.11127	0.122839	1.69272	1.69272	0.0159245	2.53298	2.53298
cg02365596	C2orf84	0.00871253	0.184429	0.869229	-1.15044	0.000992193	1.62748	1.62748	0.986473	0.998314	-1.00169	0.252822	1.12626	1.12626	0.40292	1.08895	1.08895
cg12305798	C2orf84	0.0153773	0.0286577	0.179315	-5.57679	0.0230132	0.163628	-6.11142	0.127674	0.334008	-2.99394	0.0791094	0.273099	-3.66168	0.000780801	0.033945	-29.4594
cg02315489	C2orf84	0.0167937	0.0174293	0.306619	-3.26138	0.00666774	0.237492	-4.21067	0.00409775	0.20743	-4.82089	0.91093	0.955326	-1.04676	0.00496457	0.218917	-4.56795
cg18587476	C2orf84	0.0179224	0.0433486	3.06887	3.06887	0.0489453	2.95922	2.95922	0.0748468	2.60501	2.60501	0.256832	1.7702	1.7702	0.0246611	3.63658	3.63658
cg05191891	C2orf85	0.000156362	0.0025593	0.803163	-1.24508	0.478308	1.03849	1.03849	0.267334	0.941249	-1.06242	0.009716	0.842492	-1.18696	0.0401086	0.883128	-1.13234
cg22924060	C2orf85	0.000316634	0.00763586	0.456157	-2.19223	0.0417925	1.71086	1.71086	0.0950175	1.52174	1.52174	9.91E-05	4.86216	4.86216	0.00586015	0.438034	-2.28293
cg24290756	C2orf85	0.003427	0.00797317	0.447642	-2.23393	0.154428	1.43368	1.43368	0.0458117	1.7178	1.7178	0.00511316	2.39709	2.39709	0.275637	0.764894	-1.30737
cg03170013	C2orf85	0.00951183	0.0311904	0.374199	-2.67238	0.96633	1.01655	1.01655	0.0301727	2.69397	2.69397	0.0054569	4.14102	4.14102	0.0375513	0.391397	-2.55495
cg00669330	C2orf85	0.0103419	0.0339398	0.352064	-2.84039	0.00277132	5.69673	5.69673	0.0296185	2.94396	2.94396	0.0602215	2.44415	2.44415	0.499298	0.748883	-1.33532
cg15603130	C2orf85	0.0114115	0.0261246	0.640265	-1.56185	0.385191	0.860362	-1.1623	0.0427937	1.48277	1.48277	0.156585	1.29174	1.29174	0.599252	0.914317	-1.09371
cg27490404	C2orf85	0.0123939	0.0745471	0.540521	-1.85007	0.402404	1.30393	1.30393	0.11405	1.70297	1.70297	0.0140365	2.55791	2.55791	0.0737768	0.539437	-1.85378
cg27628891	C2orf85	0.0203713	0.163019	0.336061	-2.97565	0.261597	2.35687	2.35687	0.0593691	4.75253	4.75253	0.00492158	15.3058	15.3058	0.0659737	0.220772	-4.52957
cg27217350	C2orf85	0.0232771	0.681122	0.895761	-1.11637	0.199235	0.696723	-1.43529	0.448701	0.814089	-1.22837	0.25931	1.36823	1.36823	0.0498835	0.5511	-1.81455
cg25054674	C2orf85	0.0424058	0.499885	0.843765	-1.18516	0.411147	0.811825	-1.23179	0.339087	0.783155	-1.27689	0.0478344	1.75285	1.75285	0.0168671	2.06098	2.06098
cg02162605	C2orf85	0.0424588	0.455855	0.79599	-1.2563	0.93396	1.02521	1.02521	0.0475938	1.97521	1.97521	0.792544	1.08241	1.08241	0.00932587	0.371294	-2.69329
cg18983986	C2orf86	0.00901742	0.181751	0.738464	-1.35416	0.00353541	0.429233	-2.32974	0.0203802	0.54996	-1.81831	0.803919	0.948184	-1.05465	0.0244203	0.563518	-1.77457
cg03578193	C2orf86	0.0278727	0.300842	0.808488	-1.23688	0.100766	0.700157	-1.42825	0.974104	1.00646	1.00646	0.258568	0.791554	-1.26334	0.0888304	0.689224	-1.45091
cg04773352	C2orf86	0.0283515	0.833424	0.93297	-1.07185	0.00275549	0.256466	-3.89916	0.436018	0.769664	-1.29927	0.355625	0.731224	-1.36757	0.00523236	0.297138	-3.36544
cg07263509	C2orf86;C2orf86;C2orf86	0.000637623	0.390468	0.845983	-1.18206	0.000103655	0.271174	-3.68766	0.000313822	0.32945	-3.03536	0.305804	0.81747	-1.22329	0.000232372	0.313195	-3.1929
cg17972846	C2orf86;C2orf86;MDH1	0.00104954	0.129968	1.47948	1.47948	0.049708	1.70931	1.70931	0.00319442	2.62209	2.62209	0.000116604	0.198562	-5.03621	0.632539	0.891046	-1.12228
cg19147570	C2orf86;C2orf86;MDH1	0.0411356	0.78171	0.948101	-1.05474	0.295646	0.812148	-1.2313	0.710583	0.930984	-1.07413	0.575456	1.11467	1.11467	0.0161759	1.7585	1.7585
cg22408559	C2orf88	0.0326885	0.584493	0.901663	-1.10906	0.797462	0.952936	-1.04939	0.0189046	0.586885	-1.70391	0.46131	0.868849	-1.15095	0.00316154	0.469556	-2.12967
cg03757819	C2orf88	0.0487569	0.0286658	0.289309	-3.45651	0.507197	1.38169	1.38169	0.171595	0.496922	-2.01239	0.563219	0.755166	-1.32421	0.00297383	0.141057	-7.08934
cg19995891	C2orf88;C2orf88	0.00456468	0.122131	1.41265	1.41265	0.438723	0.849716	-1.17686	7.56E-05	0.22755	-4.39465	0.458115	1.16858	1.16858	0.523742	0.875261	-1.14252
cg09616117	C2orf88;C2orf88	0.0215133	0.639786	0.873473	-1.14486	0.328225	0.748541	-1.33593	0.0401261	0.506276	-1.97521	0.579639	1.17419	1.17419	0.000669522	0.224518	-4.45399
cg07793537	C2orf88;C2orf88;C2orf88	0.0051734	0.517428	1.09976	1.09976	0.0136941	0.642924	-1.55539	0.957785	1.0077	1.0077	0.674222	1.06317	1.06317	0.000138619	0.385125	-2.59656
cg22003435	C2orf88;C2orf88;C2orf88;C2orf88	0.000181427	0.036302	1.1885	1.1885	0.00198224	1.3634	1.3634	0.000125747	1.60615	1.60615	0.00382679	0.75833	-1.31869	0.606923	0.96385	-1.03751
cg02941781	C2orf88;C2orf88;C2orf88;C2orf88	0.0110984	0.0142434	0.624902	-1.60025	0.48302	1.11724	1.11724	0.0377643	1.45453	1.45453	0.0450788	0.699369	-1.42986	0.138434	1.28153	1.28153
cg05057843	C2orf89	0.00555899	0.363766	1.21349	1.21349	0.437839	1.1783	1.1783	0.303368	0.801703	-1.24734	0.000244018	0.284457	-3.51547	0.55893	0.88468	-1.13035
cg04865008	C2orf89	0.0112758	0.18687	0.796866	-1.25492	0.0286714	1.52029	1.52029	0.000839933	0.442522	-2.25978	0.844595	0.968651	-1.03236	0.120179	0.760642	-1.31468
cg07494614	C2orf89	0.0131382	0.29547	0.659004	-1.51744	0.0334675	0.384799	-2.59876	0.00246095	0.198124	-5.04735	0.251774	0.63115	-1.58441	0.00151314	0.172669	-5.79144
cg05242065	C2orf89	0.0142656	0.0146805	0.263204	-3.79934	0.00848976	0.224734	-4.44971	0.006489	0.207581	-4.8174	0.00551504	0.197709	-5.05794	0.00701046	0.212405	-4.70799
cg16448620	C2orf89	0.0153729	0.899699	1.08246	1.08246	0.0322931	4.83151	4.83151	0.014001	6.73036	6.73036	0.434304	1.65083	1.65083	0.661464	0.758152	-1.319
cg12197656	C2orf89	0.0172483	0.516915	0.940235	-1.06356	0.300889	1.10576	1.10576	0.311022	0.906378	-1.10329	0.334413	0.910863	-1.09786	0.342628	0.912386	-1.09603
cg16063519	C2orf89	0.0223284	0.00248801	8.13715	8.13715	0.099598	2.4599	2.4599	0.00975242	5.10423	5.10423	0.817183	0.890937	-1.12241	0.923921	1.04879	1.04879
cg00361467	C2orf89	0.0323675	0.719705	0.905307	-1.1046	0.186708	0.679495	-1.47168	0.65509	0.883269	-1.13216	0.000477969	0.220146	-4.54245	0.326525	0.756053	-1.32266
cg03453880	C2orf89	0.0369286	0.0161	0.23228	-4.30514	0.0920046	0.398752	-2.50782	0.00577974	0.166544	-6.00443	0.138118	0.453205	-2.20651	0.0159262	0.231485	-4.31994
cg03664459	C2orf90	8.78E-05	0.0780699	0.699698	-1.42919	0.294369	0.820059	-1.21942	0.00882836	0.544379	-1.83695	0.352888	0.83999	-1.19049	1.63E-05	0.198128	-5.04725
cg14148690	C2orf90	0.000835679	0.584669	1.1085	1.1085	0.000543637	0.366708	-2.72696	0.0482	0.656138	-1.52407	0.176639	0.764855	-1.30744	0.0596599	0.672564	-1.48685
cg17091441	C2orf90	0.00275127	0.708066	1.0577	1.0577	0.00263735	0.537576	-1.8602	0.0427842	0.706264	-1.4159	0.605186	1.08088	1.08088	0.00519459	0.576887	-1.73344
cg09613130	C2orf90;C2orf90	7.89E-05	0.456057	1.19185	1.19185	0.173487	0.715465	-1.39769	0.695973	1.09504	1.09504	0.724413	0.921419	-1.08528	0.65544	1.10942	1.10942
cg25761371	C3	7.95E-06	0.275997	1.29114	1.29114	0.0177493	0.522001	-1.9157	3.25E-05	0.161791	-6.18082	0.000544434	0.297665	-3.35948	5.16E-05	0.181187	-5.51915
cg20449404	C3	8.43E-05	0.000594392	0.187783	-5.32531	0.000359981	0.164434	-6.08146	0.00448934	0.302681	-3.30381	0.00029117	0.155137	-6.4459	4.81E-05	0.0895384	-11.1684
cg10628785	C3	0.000109346	0.000130588	0.282009	-3.54598	0.0987772	0.708253	-1.41193	0.00962545	0.535515	-1.86736	0.00609673	0.505464	-1.97838	0.00902916	0.531253	-1.88234
cg15202908	C3	0.000293952	1.98E-05	0.0987889	-10.1226	0.0867085	1.65947	1.65947	0.00170808	0.301507	-3.31667	0.16593	1.48514	1.48514	0.000319455	0.210215	-4.75704
cg00346256	C3	0.00029837	0.015996	0.428049	-2.33618	0.241097	0.702527	-1.42343	0.000170688	0.159062	-6.28685	0.0260833	0.46783	-2.13753	2.11E-05	0.0849466	-11.7721
cg14279361	C3	0.000645933	0.00186024	0.329558	-3.03436	0.00171374	0.324566	-3.08104	0.000610286	0.265179	-3.77103	0.00301953	0.35989	-2.77863	0.00358126	0.370926	-2.69596
cg04089739	C3	0.00080997	0.000269782	0.302901	-3.30141	0.146727	0.732448	-1.36528	0.0591115	0.653104	-1.53115	0.00776312	0.504882	-1.98066	0.00121456	0.387994	-2.57736
cg04601383	C3	0.00106845	0.649391	0.923766	-1.08253	0.0258712	0.632336	-1.58144	0.00134927	0.446346	-2.24041	0.000242688	0.349426	-2.86184	0.000423872	0.380091	-2.63095
cg11295942	C3	0.00119513	0.0632215	0.461692	-2.16595	0.0438154	0.424386	-2.35634	0.00188897	0.196082	-5.0999	0.137724	0.553616	-1.80631	0.000174577	0.0948015	-10.5484
cg15088324	C3	0.00197846	0.00892937	0.466879	-2.14188	0.00394337	0.411469	-2.43031	0.000716125	0.30746	-3.25246	0.0230533	0.53669	-1.86327	0.000194807	0.238055	-4.20071
cg14042714	C3	0.00534733	0.493088	1.19744	1.19744	0.351009	1.28207	1.28207	0.0109244	0.437379	-2.28635	0.0972442	0.624301	-1.60179	0.000220545	0.203258	-4.91987
cg05284873	C3	0.00545972	0.016458	0.529275	-1.88938	0.0212769	0.548305	-1.8238	0.0174619	0.533621	-1.87399	0.168865	0.727443	-1.37468	0.00302082	0.41378	-2.41674
cg15481294	C3	0.00788444	0.890384	0.972541	-1.02823	0.00886202	1.95944	1.95944	0.0552157	0.644771	-1.55094	0.0503867	1.56884	1.56884	0.0128443	0.535855	-1.86618
cg15755240	C3	0.00897905	0.995674	0.999318	-1.00068	0.0578468	0.763455	-1.30983	0.146411	1.21677	1.21677	0.00372591	1.6373	1.6373	0.284896	0.869532	-1.15004
cg17612991	C3	0.0110817	0.0906101	0.315364	-3.17094	0.469256	0.633982	-1.57733	0.0805844	0.301336	-3.31856	0.0142019	0.153735	-6.50472	0.00335645	0.0845749	-11.8238
cg19254532	C3	0.0113709	0.231659	0.783282	-1.27668	0.0368589	1.6033	1.6033	0.756926	0.94134	-1.06232	0.00454035	0.478968	-2.08782	0.162039	0.747746	-1.33735
cg26556328	C3	0.01799	0.873797	1.03141	1.03141	0.942179	0.985988	-1.01421	0.43002	0.854953	-1.16965	0.344162	1.20872	1.20872	0.00110654	0.392476	-2.54792
cg26281971	C3	0.0288669	0.208859	0.77802	-1.28531	0.0296474	0.61565	-1.6243	0.0220647	0.594421	-1.68231	0.697936	1.07669	1.07669	0.350719	1.1996	1.1996
cg11959387	C3	0.0300885	0.168162	0.311891	-3.20625	0.186785	0.329514	-3.03477	0.15464	0.298632	-3.34861	0.0446825	0.160663	-6.22422	0.00454215	0.0498383	-20.0649
cg03189871	C3	0.032891	0.500214	0.867288	-1.15302	0.0998258	1.45535	1.45535	0.024504	1.74633	1.74633	0.553197	1.13294	1.13294	0.873483	1.03371	1.03371
cg18771553	C3	0.0488155	0.224963	0.617282	-1.62	0.550476	0.795604	-1.25691	0.0499509	0.42902	-2.33089	0.643078	0.838082	-1.1932	0.0362947	0.397979	-2.51269
cg27423177	C3AR1	7.26E-06	1.02E-06	0.0963908	-10.3744	0.0010181	0.410827	-2.43412	0.00730133	0.53172	-1.88069	0.00107979	0.414266	-2.41391	0.000517255	0.371972	-2.68837
cg09643054	C3AR1	0.000243646	0.0361422	0.646727	-1.54625	0.00422024	0.503976	-1.98422	0.00194678	0.456672	-2.18975	6.33E-05	0.267969	-3.73177	3.17E-05	0.23469	-4.26093
cg25757697	C3AR1	0.00294685	0.151463	0.544568	-1.83632	0.00822769	0.262714	-3.80642	0.00100562	0.145081	-6.89272	0.303883	1.52361	1.52361	0.000238459	0.0901697	-11.0902
cg04499514	C3AR1	0.0033931	0.00988642	0.413614	-2.41771	0.304793	1.33352	1.33352	0.00122541	0.277804	-3.59966	0.00334423	0.339082	-2.94914	0.0270881	0.492298	-2.03129
cg05060607	C3AR1	0.0148652	0.00731229	0.387521	-2.58051	0.060164	0.559264	-1.78806	0.246238	0.717209	-1.39429	0.162819	0.664733	-1.50436	0.00533723	0.365675	-2.73467
cg09238677	C3AR1;C3AR1	0.0115606	0.00712255	0.0750387	-13.3265	0.0267421	0.141497	-7.0673	0.0298552	0.148944	-6.71391	0.0181301	0.117902	-8.48159	0.0104611	0.0906192	-11.0352
cg10714973	C3P1	1.98E-05	0.000483435	0.285373	-3.50419	2.82E-05	0.151506	-6.60038	3.01E-05	0.154103	-6.48919	0.000496291	0.286808	-3.48665	0.084076	0.645355	-1.54954
cg17917013	C3P1	5.19E-05	0.000130637	0.299933	-3.33408	0.427268	0.863331	-1.1583	0.0103908	0.557051	-1.79517	0.000186978	0.318788	-3.13688	1.87E-05	0.205959	-4.85534
cg23043389	C3P1	0.000790515	0.377457	1.33229	1.33229	0.00413273	0.29574	-3.38134	0.0031439	0.278355	-3.59254	0.03125	0.449035	-2.227	7.75E-05	0.103655	-9.6474
cg12272488	C3P1	0.00641321	0.0299862	0.261502	-3.82407	0.00146893	0.089608	-11.1597	0.0882704	0.372265	-2.68626	0.231836	0.517465	-1.9325	0.00259014	0.111547	-8.96484
cg07749412	C3P1	0.00948066	0.40855	1.74985	1.74985	0.415137	0.576169	-1.7356	0.0071299	0.100217	-9.97833	0.514315	0.645492	-1.54921	0.00141311	0.0469491	-21.2997
cg07843419	C3P1	0.0246654	0.0700976	0.257039	-3.89047	0.00939602	0.109794	-9.10799	0.0246066	0.16599	-6.02447	0.090554	0.286199	-3.49407	0.00864837	0.105854	-9.44699
cg22597210	C3P1	0.0259674	0.0733637	2.63237	2.63237	0.256711	1.77513	1.77513	0.102875	0.421035	-2.3751	0.0204852	0.258316	-3.87123	0.0745266	0.381698	-2.61987
cg00164678	C3P1	0.028244	0.306759	0.518282	-1.92945	0.00260093	0.0749211	-13.3474	0.107301	0.335593	-2.9798	0.227277	0.455055	-2.19754	0.0138984	0.151414	-6.60439
cg01853246	C3orf1	0.00265308	0.752684	0.962654	-1.0388	0.000672616	0.534591	-1.87059	0.0289303	1.36356	1.36356	0.0784376	0.790275	-1.26538	0.0567622	1.29645	1.29645
cg25105316	C3orf1	0.00354502	0.924711	0.981986	-1.01834	0.00106132	0.394229	-2.5366	0.0054749	0.495333	-2.01884	0.777539	0.946983	-1.05599	0.0388468	1.58407	1.58407
cg00261569	C3orf1	0.0108086	0.00229508	0.142257	-7.02955	0.952863	1.02742	1.02742	0.244122	0.572598	-1.74643	0.750192	0.864022	-1.15738	0.00891581	0.218174	-4.5835
cg02959129	C3orf1	0.0112579	0.302274	0.900115	-1.11097	0.00789505	0.714944	-1.39871	0.812534	1.02367	1.02367	0.0221729	1.31002	1.31002	0.837542	1.02042	1.02042
cg02942644	C3orf1	0.0238119	0.967086	0.993662	-1.00638	0.208313	1.22679	1.22679	0.418495	1.13585	1.13585	0.87702	1.02415	1.02415	0.770725	1.04606	1.04606
cg21080112	C3orf1	0.0368475	0.819459	0.964999	-1.03627	0.108952	1.31315	1.31315	0.0250164	1.5152	1.5152	0.194542	1.23846	1.23846	0.142514	1.27847	1.27847
cg17480641	C3orf1	0.0430068	0.0341922	0.358406	-2.79013	0.00609137	0.2261	-4.42282	0.037684	0.367525	-2.7209	0.689322	0.846322	-1.18158	0.0329576	0.355013	-2.8168
cg08708711	C3orf10	0.00662476	0.0526302	0.700699	-1.42715	0.658948	0.930805	-1.07434	0.00236114	0.504233	-1.98321	0.222112	1.23017	1.23017	0.079468	0.73033	-1.36924
cg20035362	C3orf10	0.0220905	0.052171	0.389151	-2.5697	0.340772	1.52119	1.52119	0.576277	1.27284	1.27284	0.0293725	0.334047	-2.99359	0.0953475	0.457036	-2.18801
cg01428687	C3orf10	0.0322968	0.379297	0.856437	-1.16763	0.195427	1.26526	1.26526	0.174656	1.28155	1.28155	0.0785225	0.71479	-1.39901	0.0698402	0.705864	-1.4167
cg00149659	C3orf10;C3orf10	0.00312753	0.0205422	0.720418	-1.38808	0.927725	0.989395	-1.01072	0.605816	0.940658	-1.06309	0.0571402	0.776535	-1.28777	0.598749	1.06439	1.06439
cg07212940	C3orf14	4.16E-05	0.0195483	1.97847	1.97847	1.55E-05	0.11524	-8.67756	0.000416063	0.25824	-3.87237	0.00110407	0.312569	-3.19929	2.97E-05	0.138372	-7.22687
cg22751696	C3orf14	5.20E-05	0.443003	0.879827	-1.13659	0.509415	0.896239	-1.11577	0.996384	1.00074	1.00074	0.983765	0.996675	-1.00334	0.000243177	0.370429	-2.69957
cg25119986	C3orf14	0.00035143	0.120144	1.73671	1.73671	1.77E-05	0.0565356	-17.688	0.00493889	0.295541	-3.38363	0.0120447	0.35872	-2.78769	0.0125896	0.362091	-2.76174
cg12845975	C3orf14	0.00113961	0.00376777	0.358641	-2.78831	0.571757	0.86082	-1.16168	0.171373	0.682534	-1.46513	0.347697	0.776009	-1.28864	0.516447	0.841522	-1.18832
cg14590206	C3orf14	0.00433622	0.0154417	2.89781	2.89781	0.00144732	5.19634	5.19634	0.0726469	2.04837	2.04837	0.052742	2.19978	2.19978	0.879723	0.947229	-1.05571
cg15059608	C3orf14	0.00804093	0.801235	0.941788	-1.06181	0.0879904	1.56465	1.56465	0.00685068	2.29932	2.29932	0.306023	0.777262	-1.28657	0.830697	0.950367	-1.05222
cg01999476	C3orf14	0.0087393	0.0412342	1.66226	1.66226	0.00512272	0.450192	-2.22128	0.0929928	0.671098	-1.4901	0.00999444	0.495629	-2.01764	0.0612633	1.57635	1.57635
cg01181009	C3orf14	0.0114706	0.0591292	0.435112	-2.29826	0.0542506	2.34678	2.34678	0.798058	1.10531	1.10531	0.464426	0.747684	-1.33746	0.0484891	0.414671	-2.41155
cg25667495	C3orf15	1.96E-07	5.73E-05	0.529932	-1.88704	7.62E-07	0.322326	-3.10245	3.77E-06	0.399241	-2.50475	9.37E-06	0.443296	-2.25583	1.84E-08	0.161503	-6.19183
cg13581496	C3orf15	0.00275968	0.0207624	0.322014	-3.10546	0.399043	0.703666	-1.42113	0.460985	0.73674	-1.35733	0.23617	0.603323	-1.65749	6.63E-05	0.0509398	-19.631
cg01663469	C3orf15	0.0353392	0.471778	0.926369	-1.07948	0.00807346	1.42549	1.42549	0.0316331	1.3012	1.3012	0.0477783	0.789393	-1.2668	0.404471	1.09323	1.09323
cg08145590	C3orf15	0.0405173	0.391965	0.741831	-1.34802	0.0170368	2.69264	2.69264	0.266428	0.674169	-1.48331	0.0410747	2.23138	2.23138	0.0354522	0.434401	-2.30202
cg00003529	C3orf16	0.000682607	0.0234384	0.418074	-2.39192	0.000897132	0.201627	-4.95966	0.00118186	0.216038	-4.62882	0.956132	0.982437	-1.01788	6.21E-05	0.0927558	-10.781
ch.3.2218090R	C3orf17;C3orf17;C3orf17	0.000564778	0.809469	0.93794	-1.06617	0.0123908	2.28345	2.28345	0.820779	1.06203	1.06203	0.364212	1.28058	1.28058	0.147663	0.662306	-1.50988
cg04740522	C3orf17;C3orf17;C3orf17	0.0123562	0.368516	0.911042	-1.09764	0.000974142	0.609614	-1.64038	0.282156	0.893389	-1.11933	0.150704	1.16808	1.16808	0.0137006	1.35999	1.35999
cg10571695	C3orf17;C3orf17;C3orf17	0.0128184	0.274367	0.871953	-1.14685	0.0271542	0.729754	-1.37032	0.00103593	1.79562	1.79562	0.853294	0.977946	-1.02255	0.322912	0.884257	-1.13089
cg21915377	C3orf17;C3orf17;C3orf17	0.0289749	0.757778	0.943199	-1.06022	0.0229476	1.67248	1.67248	0.0630134	1.48489	1.48489	0.845288	0.963743	-1.03762	0.0170103	0.576893	-1.73342
cg21609087	C3orf17;C3orf17;C3orf17	0.0320245	0.348789	1.43561	1.43561	0.605348	1.2158	1.2158	0.109803	0.52024	-1.92219	0.186021	1.69149	1.69149	0.00207169	0.196787	-5.08165
cg10779423	C3orf18	0.00890544	0.781485	1.20927	1.20927	0.0587047	4.3026	4.3026	0.0986832	3.44648	3.44648	0.0025079	17.6141	17.6141	0.273083	2.1803	2.1803
cg09562331	C3orf18	0.0372021	0.00400174	0.175164	-5.70895	0.0325636	0.3241	-3.08546	0.0151653	0.260906	-3.83279	0.0937144	0.435974	-2.29372	0.0741702	0.408132	-2.45019
cg24075738	C3orf18;C3orf18	0.000196002	0.0337511	0.822103	-1.21639	0.0850456	1.16236	1.16236	0.401125	0.934354	-1.07026	0.566274	0.955227	-1.04687	0.287017	0.916358	-1.09128
cg19233043	C3orf18;C3orf18	0.00438433	0.0948591	1.55533	1.55533	0.00507373	0.410073	-2.43859	0.502415	1.17797	1.17797	0.00552533	0.415833	-2.40481	0.00633499	0.425169	-2.35201
cg07638105	C3orf18;C3orf18	0.0115538	0.383952	1.19927	1.19927	0.139019	1.38284	1.38284	0.127315	1.39883	1.39883	0.340934	0.818929	-1.22111	0.228523	1.29337	1.29337
cg02639566	C3orf19	0.000126828	0.0422451	0.599327	-1.66854	0.271496	0.77843	-1.28464	0.646692	0.903949	-1.10626	0.521055	0.867339	-1.15295	1.67E-06	0.0721273	-13.8644
cg26770187	C3orf19	0.0140681	0.12427	0.869926	-1.14952	0.876395	0.987053	-1.01312	0.08002	1.17659	1.17659	0.107608	1.15837	1.15837	0.935367	0.993233	-1.00681
cg02236890	C3orf19	0.0141393	0.0149131	0.184652	-5.4156	0.0803131	0.334657	-2.98813	0.713029	0.811857	-1.23174	0.018768	0.200547	-4.98637	0.0224636	0.213808	-4.67708
cg03788239	C3orf19	0.0250682	0.0582496	0.454435	-2.20053	0.442146	0.749161	-1.33483	0.0134171	0.323585	-3.09037	0.0465122	0.431625	-2.31683	0.00157558	0.187741	-5.3265
cg25512266	C3orf19	0.0488762	0.774202	1.07263	1.07263	0.766897	1.07515	1.07515	0.57778	0.871919	-1.1469	0.420844	0.818368	-1.22194	0.571889	1.14939	1.14939
cg22596860	C3orf20	0.00177094	0.199337	0.710883	-1.4067	0.0295471	0.524773	-1.90558	0.128841	0.661651	-1.51137	0.165694	1.45067	1.45067	0.000656404	0.26879	-3.72037
cg20830699	C3orf20	0.00802746	0.0703471	1.32016	1.32016	0.0286137	1.4256	1.4256	0.000232706	2.31291	2.31291	0.14121	1.24268	1.24268	0.0815245	0.767122	-1.30357
cg02701615	C3orf20	0.0149379	0.0313683	0.175028	-5.71337	0.824196	0.857637	-1.16599	0.0472242	0.20863	-4.79318	0.0575742	0.227126	-4.40283	0.00475167	0.0751703	-13.3031
cg08692541	C3orf20	0.0253859	0.763119	0.90264	-1.10786	0.0796214	0.517226	-1.93339	0.141491	0.585215	-1.70877	0.0403375	0.448159	-2.23135	0.00861493	0.321351	-3.11186
cg08850721	C3orf20;C3orf20	0.000459533	0.029191	0.634724	-1.57549	0.948987	1.01138	1.01138	0.0638607	0.691804	-1.4455	0.708981	1.06856	1.06856	7.18E-06	0.173227	-5.77277
cg25707669	C3orf21	0.000168898	0.0495593	0.848317	-1.1788	1.42E-05	1.9428	1.9428	0.137282	0.889133	-1.12469	0.394083	1.06619	1.06619	0.0628749	0.857576	-1.16608
cg02842377	C3orf21	0.00023985	0.0677424	0.78982	-1.26611	0.97136	1.00415	1.00415	1.10E-05	0.339758	-2.94328	0.273087	1.14056	1.14056	0.0409396	0.761829	-1.31263
cg15912390	C3orf21	0.000522168	0.0905109	1.52001	1.52001	0.00655452	2.20962	2.20962	0.0231918	0.543735	-1.83913	0.250619	0.763762	-1.30931	0.0115341	0.492006	-2.03249
cg15722952	C3orf21	0.000789808	0.000162991	0.252498	-3.96043	0.0183216	0.541979	-1.84509	0.000561101	0.318387	-3.14084	0.019378	0.546113	-1.83112	0.300873	0.795044	-1.25779
cg20945520	C3orf21	0.00283591	0.0142278	0.507433	-1.97071	0.0368595	0.580487	-1.72269	0.211032	1.34396	1.34396	0.000212301	0.249452	-4.00878	0.000777955	0.319641	-3.12851
cg21911490	C3orf21	0.00338817	0.0277127	0.423651	-2.36043	0.139006	1.6914	1.6914	0.775213	0.909837	-1.0991	0.892696	0.956436	-1.04555	0.00351237	0.270762	-3.69328
cg10333415	C3orf21	0.0037216	0.496036	1.09304	1.09304	0.00520193	0.622129	-1.60738	0.0563677	1.32059	1.32059	0.0412242	0.738537	-1.35403	0.00357736	0.601783	-1.66173
cg14886676	C3orf21	0.00499916	0.00436507	0.687358	-1.45485	0.390782	1.09044	1.09044	0.22031	1.13528	1.13528	0.315119	1.10768	1.10768	0.0111525	0.7311	-1.3678
cg03916038	C3orf21	0.00707328	0.0857512	0.259154	-3.85871	0.000348693	0.0167601	-59.6654	0.186412	0.36935	-2.70746	0.0716208	0.239218	-4.18029	0.00593481	0.0774097	-12.9183
cg13868855	C3orf21	0.0073329	0.00176998	0.254573	-3.92814	0.586763	1.1837	1.1837	0.0549727	0.512365	-1.95173	0.256984	1.43842	1.43842	0.00275437	0.281018	-3.5585
cg00168009	C3orf21	0.00733638	0.114799	0.611951	-1.63412	0.309985	0.740187	-1.35101	0.109069	0.60628	-1.6494	0.00419205	0.333395	-2.99945	0.00365998	0.32451	-3.08157
cg25746810	C3orf21	0.00803013	0.522251	0.86251	-1.15941	0.0132955	2.01294	2.01294	0.69817	0.914962	-1.09294	0.172439	0.718069	-1.39262	0.44461	0.83717	-1.1945
cg21501175	C3orf21	0.00932675	0.0204315	0.34735	-2.87894	0.224422	1.62092	1.62092	0.133861	0.542319	-1.84393	0.0213695	0.351093	-2.84825	0.00944747	0.287956	-3.47276
cg11338339	C3orf21	0.00991286	0.00302022	0.318982	-3.13497	0.271397	0.724825	-1.37964	0.733258	1.10092	1.10092	0.395427	0.782996	-1.27715	0.000549946	0.221319	-4.51835
cg07250128	C3orf21	0.010362	0.00269287	0.130422	-7.66743	0.417837	0.665857	-1.50182	0.172524	0.49009	-2.04044	0.204427	0.517985	-1.93056	0.00276315	0.131607	-7.5984
cg06378490	C3orf21	0.0108588	0.0168689	0.485686	-2.05895	0.00194436	0.337636	-2.96177	0.00654441	0.416819	-2.39912	0.927143	0.977598	-1.02292	0.40953	0.811441	-1.23238
cg10363443	C3orf21	0.0118703	0.17453	0.843896	-1.18498	0.868548	0.980723	-1.01966	0.143298	0.831241	-1.20302	0.836254	1.02462	1.02462	0.0928713	0.804703	-1.24269
cg22318746	C3orf21	0.0119768	0.0571598	0.639132	-1.56462	0.00797813	0.492927	-2.0287	0.00364332	0.441235	-2.26636	0.423646	0.843673	-1.18529	0.000947627	0.358737	-2.78756
cg12085101	C3orf21	0.013271	0.830754	1.08812	1.08812	0.0155068	0.309907	-3.22677	0.259964	0.628986	-1.58986	0.039141	0.389885	-2.56486	0.0821426	0.467698	-2.13813

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01343041	0.00620006	2.20895	2.20895	3.60E-05	5.86164	5.86164	0.00146471	2.77352	2.77352	0.0913543	1.51117	1.51117	12.2431	9.56185	0.694223	1
cg18527919	0.0895422	1.5082	1.5082	0.000224959	3.84665	3.84665	0.00662085	2.16791	2.16791	0.00384348	2.35192	2.35192	10.2248	7.80372	0.678411	1
cg17277199	0.0458877	2.05537	2.05537	5.38E-05	10.714	10.714	0.00137471	4.31185	4.31185	0.11845	1.70513	1.70513	9.65725	15.1605	1.39543	1
cg02365596	0.643251	0.95463	-1.04753	0.00180011	1.5558	1.5558	0.473994	0.930074	-1.07518	0.230284	0.882239	-1.13348	6.17559	0.969303	0.139517	1
cg12305798	0.0650481	0.251783	-3.97167	0.0905418	0.288921	-3.46115	0.0929713	0.292141	-3.423	0.0086789	0.107846	-9.27252	5.13827	36.0713	6.24011	1
cg02315489	0.639453	0.82473	-1.21252	0.267114	0.623646	-1.60347	0.691383	1.17699	1.17699	0.926313	0.962926	-1.0385	4.98981	13.1815	2.34817	1
cg18587476	0.540743	1.34827	1.34827	0.00142294	9.27463	9.27463	0.00422987	6.3467	6.3467	0.144322	2.13135	2.13135	4.88221	18.0054	3.27818	1
cg05191891	0.00241875	1.24773	1.24773	9.07E-06	1.65426	1.65426	0.130198	0.917919	-1.08942	0.243595	1.06602	1.06602	19.6358	0.853809	0.038651	1
cg22924060	0.000704983	3.25974	3.25974	0.0237898	1.85422	1.85422	0.00296976	2.54236	2.54236	0.123625	0.68272	-1.46473	16.2088	13.4456	0.737353	1
cg24290756	0.0937993	1.5457	1.5457	0.357427	0.79958	-1.25066	0.000533491	3.57507	3.57507	0.917911	1.02466	1.02466	8.2255	7.27582	0.786261	1
cg03170013	0.353862	1.44893	1.44893	0.723004	1.14838	1.14838	0.00397388	4.50659	4.50659	0.524157	1.28523	1.28523	6.00581	14.3753	2.12761	1
cg00669330	0.0640563	2.4049	2.4049	0.0163396	3.44803	3.44803	0.022961	3.1488	3.1488	0.466614	1.36665	1.36665	5.84733	16.4648	2.50292	1
cg15603130	0.430201	1.14571	1.14571	0.0237645	1.57761	1.57761	0.00145132	2.17543	2.17543	0.353809	0.851152	-1.17488	5.66498	2.56058	0.40178	1
cg27490404	0.073778	1.85378	1.85378	0.0247526	2.28833	2.28833	0.00313845	3.49213	3.49213	0.461435	1.26136	1.26136	5.51532	8.37728	1.35014	1
cg27628891	0.18717	2.78381	2.78381	0.405269	1.8656	1.8656	0.00805095	12.013	12.013	0.528479	1.59627	1.59627	4.67523	39.7109	7.55014	1
cg27217350	0.0112228	2.33128	2.33128	0.00781267	2.48353	2.48353	0.189772	1.44775	1.44775	0.0905955	1.64335	1.64335	4.46637	5.02071	0.999212	1
cg25054674	0.552045	0.861362	-1.16095	0.00656499	2.4007	2.4007	0.752511	1.08163	1.08163	0.573819	0.868515	-1.15139	3.60444	3.51268	0.86626	1
cg02162605	0.266581	1.41588	1.41588	0.0142631	2.47945	2.47945	0.323068	1.35886	1.35886	0.966904	0.987613	-1.01254	3.60277	5.15005	1.27064	1
cg18983986	0.0182126	0.541652	-1.8462	0.328743	1.24061	1.24061	0.313999	0.80034	-1.24947	0.00110953	0.357777	-2.79504	6.10862	4.4259	0.64403	1
cg03578193	0.642268	1.09721	1.09721	0.00184706	0.416171	-2.40286	0.539338	0.884056	-1.13115	0.0051925	0.481184	-2.07821	4.19451	2.61231	0.553594	1
cg04773352	0.725494	0.890352	-1.12315	0.605726	0.842365	-1.18713	0.850198	1.06427	1.06427	0.0140679	0.368378	-2.7146	4.16941	7.1669	1.52793	1
cg07263509	0.00512877	0.49522	-2.01931	0.82977	0.959902	-1.04177	0.39997	1.17794	1.17794	0.1378	0.738044	-1.35493	13.3552	7.64166	0.508609	1
cg17972846	0.0143741	0.485496	-2.05975	0.734361	1.08498	1.08498	0.0157794	2.03054	2.03054	0.373295	1.24466	1.24466	11.6062	10.5406	0.807278	1
cg19147570	0.295039	0.81192	-1.23165	0.0115511	0.545544	-1.83303	0.0803045	1.45097	1.45097	0.140554	1.35549	1.35549	3.64529	2.12521	0.518225	1
cg22408559	0.0894012	0.703931	-1.42059	0.192811	1.29481	1.29481	0.136432	1.3509	1.3509	0.848817	0.964859	-1.03642	3.96353	2.20577	0.494682	1
cg03757819	0.392618	0.656518	-1.52319	0.325569	1.62864	1.62864	0.823794	0.898384	-1.11311	0.0884366	0.40528	-2.46743	3.42066	12.5079	3.25028	1
cg19995891	0.650711	0.910297	-1.09854	0.841532	1.04214	1.04214	0.136505	1.39203	1.39203	0.780505	0.944027	-1.05929	7.54497	5.0804	0.598532	1
cg09616117	0.592963	0.856539	-1.16749	0.887524	1.04145	1.04145	0.101267	1.67362	1.67362	0.905995	0.966663	-1.03449	4.58898	5.98647	1.15958	1
cg07793537	0.211951	0.826531	-1.20988	0.257468	1.18677	1.18677	0.258977	1.18607	1.18607	0.207506	0.824824	-1.21238	7.26254	2.41487	0.295565	1
cg22003435	0.059533	0.859942	-1.16287	0.0499214	0.853294	-1.17193	0.143299	0.894406	-1.11806	7.13E-05	1.6715	1.6715	18.8626	1.50391	0.0708707	1
cg02941781	0.0620524	0.721294	-1.3864	0.363333	0.864779	-1.15636	0.00358199	0.541455	-1.84688	0.230349	1.21615	1.21615	5.71609	2.1893	0.34045	1
cg05057843	0.0147595	0.536829	-1.86279	0.242459	0.775993	-1.28867	0.238791	1.29147	1.29147	0.052893	1.57796	1.57796	7.10424	4.8361	0.605098	1
cg04865008	0.50826	1.11508	1.11508	0.0636767	1.40264	1.40264	0.705508	0.940244	-1.06355	0.109813	0.753593	-1.32698	5.68691	2.37241	0.370818	1
cg07494614	0.551571	0.793309	-1.26054	0.010288	0.288529	-3.46586	0.172919	0.572641	-1.7463	0.0349511	0.388815	-2.57191	5.41141	12.663	2.08005	1
cg05242065	0.161383	0.514489	-1.94368	0.752039	0.868624	-1.15125	0.283284	0.609348	-1.6411	0.0328484	0.329824	-3.03192	5.26722	16.4713	2.77968	1
cg16448620	0.771999	1.20029	1.20029	0.20432	0.430985	-2.32027	0.00186892	15.9965	15.9965	0.0108974	7.45065	7.45065	5.13876	32.1328	5.55824	1
cg12197656	0.0185709	1.30693	1.30693	0.00331964	0.687302	-1.45496	0.346205	1.09524	1.09524	0.0197314	1.30223	1.30223	4.94542	0.688866	0.123817	1
cg16063519	0.778416	0.868762	-1.15106	0.222357	1.89565	1.89565	0.0129152	4.66068	4.66068	0.0550131	2.95964	2.95964	4.53083	17.8474	3.50142	1
cg00361467	0.677203	0.890856	-1.12252	0.399138	1.26909	1.26909	0.334197	0.759599	-1.31648	0.697379	0.897735	-1.11391	3.97758	4.80117	1.07294	1
cg03453880	0.133948	0.448796	-2.22818	0.0517795	0.333828	-2.99555	0.791892	0.877148	-1.14006	0.0361166	0.298775	-3.347	3.79253	14.7584	3.45904	1
cg03664459	0.652757	0.920707	-1.08612	0.311817	1.21028	1.21028	3.53E-06	0.137109	-7.29346	0.138422	0.747539	-1.33772	22.9236	12.0796	0.468399	1
cg14148690	0.0868153	0.702594	-1.4233	0.0644543	1.47357	1.47357	3.19E-05	0.220602	-4.53305	0.451325	0.866558	-1.15399	12.379	6.82897	0.490361	1
cg17091441	0.310095	1.16958	1.16958	0.00225267	1.89202	1.89202	0.00548124	0.580036	-1.72403	0.209725	0.821063	-1.21793	8.78045	3.09305	0.313124	1
cg09613130	0.423888	1.20784	1.20784	0.0668765	1.60793	1.60793	8.70E-07	0.0485504	-20.5971	0.0691613	1.60017	1.60017	23.5874	19.9683	0.752503	1
cg25761371	0.000494049	0.292305	-3.42108	3.46E-07	0.0359919	-27.7841	2.04E-05	0.143429	-6.97211	0.00189209	0.370516	-2.69894	43.0556	34.6722	0.715813	1
cg20449404	0.0102709	0.36045	-2.77431	1.83E-05	0.0635347	-15.7394	7.23E-05	0.102371	-9.76836	0.18224	0.639804	-1.56298	23.1737	36.5224	1.40091	1
cg10628785	0.673974	1.08398	1.08398	3.03E-06	0.12031	-8.31189	0.000729303	0.375775	-2.66117	0.646079	0.915654	-1.09212	21.6173	12.434	0.511278	1
cg15202908	0.0250967	0.49004	-2.04065	0.0194222	0.469314	-2.13077	0.008963	0.41074	-2.43463	0.0838226	0.599188	-1.66892	16.5421	18.7746	1.00886	1
cg00346256	0.000205063	0.16698	-5.98874	0.856595	0.949286	-1.05342	0.772898	1.08682	1.08682	0.0284012	0.475056	-2.10501	16.4747	21.5992	1.16538	1
cg14279361	0.190598	1.41681	1.41681	9.94E-05	0.176187	-5.67579	0.107598	0.643112	-1.55494	0.0677527	0.597874	-1.67259	13.307	13.318	0.889625	1
cg04089739	0.431025	0.851575	-1.17429	0.0155844	1.8092	1.8092	0.00223298	0.424865	-2.35369	0.000861827	0.367834	-2.71862	12.4885	7.90423	0.562597	1
cg04601383	0.201951	1.26293	1.26293	0.00594666	0.536225	-1.86489	0.0109897	0.57533	-1.73813	0.901472	1.02169	1.02169	11.5474	5.48988	0.422595	1
cg11295942	0.00151714	0.184606	-5.41694	0.000232099	0.104376	-9.58078	0.0505598	0.438574	-2.28012	0.0142453	0.326818	-3.05981	11.1848	24.2396	1.9264	1
cg15088324	0.0831388	0.644496	-1.5516	0.717305	1.08682	1.08682	0.231352	0.750157	-1.33305	0.00979319	0.473396	-2.1124	9.67236	8.0323	0.738168	1
cg14042714	0.0312279	0.519784	-1.92388	0.0133603	0.452362	-2.21062	0.345236	0.777518	-1.28614	0.756088	0.922509	-1.084	7.18937	7.63	0.943368	1
cg05284873	0.133436	0.703705	-1.42105	0.00173937	0.379347	-2.63611	0.000818036	0.334547	-2.98912	0.0481509	0.612471	-1.63273	7.14365	5.33127	0.663373	1
cg15481294	0.591055	1.11575	1.11575	0.00397809	0.457569	-2.18546	0.212185	1.30388	1.30388	0.299788	1.24231	1.24231	6.37325	4.11538	0.573979	1
cg15755240	0.0244657	1.40123	1.40123	0.138886	1.222	1.222	0.00574057	0.634006	-1.57727	0.352531	1.12795	1.12795	6.1169	1.53452	0.222992	1
cg17612991	0.0625175	0.273209	-3.6602	0.0018136	0.0642649	-15.5606	0.00748477	0.118706	-8.42414	0.0227081	0.184869	-5.40923	5.71887	34.7012	5.39363	1
cg19254532	0.604192	1.10719	1.10719	0.472263	0.867312	-1.15299	0.0122438	0.544646	-1.83606	0.012281	1.83536	1.83536	5.67151	3.40527	0.533705	1
cg26556328	0.0838717	0.68926	-1.45083	0.0738992	1.47334	1.47334	0.020497	0.580931	-1.72138	0.526388	0.882601	-1.13301	4.87604	2.92264	0.532789	1
cg26281971	0.0421184	0.641683	-1.5584	0.00384954	0.478092	-2.09165	0.553148	1.12038	1.12038	0.876419	1.02992	1.02992	4.14297	2.35553	0.505388	1
cg11959387	0.134439	0.277939	-3.59791	0.00496465	0.0523068	-19.118	0.0231092	0.115926	-8.62619	0.044572	0.160467	-6.23181	4.08256	40.6907	8.85952	1
cg03189871	0.0571197	0.639	-1.56494	0.00368864	2.26278	2.26278	0.575445	0.888932	-1.12495	0.334496	1.23011	1.23011	3.95475	2.71168	0.609492	1
cg18771553	0.035349	0.395512	-2.52837	0.00228706	0.199045	-5.02398	0.508346	0.775703	-1.28915	0.872275	0.940915	-1.06279	3.4191	7.75868	2.01708	1
cg27423177	3.47E-05	0.231851	-4.31312	8.37E-07	0.0906458	-11.0319	4.55E-05	0.244676	-4.08704	0.0051653	0.509578	-1.96241	44.0793	23.2726	0.469307	1
cg09643054	0.000304962	0.350181	-2.85566	0.0554133	0.678177	-1.47454	0.00266804	0.475731	-2.10203	0.00353936	0.493064	-2.02813	17.4117	8.82191	0.45037	1
cg25757697	0.221213	0.601395	-1.6628	0.00809898	0.261634	-3.82213	0.173961	0.564416	-1.77174	0.109926	0.502059	-1.9918	8.60367	21.3075	2.20139	1
cg04499514	0.0565238	0.55727	-1.79446	0.00238783	0.317735	-3.14728	0.0202404	0.468469	-2.13461	0.00428043	0.355248	-2.81493	8.24998	9.58422	1.03265	1
cg05060607	0.0898167	0.598958	-1.66957	0.0058685	0.372174	-2.68691	0.00300854	0.3279	-3.04971	0.159266	0.662112	-1.51032	5.19618	6.18317	1.05773	1
cg09238677	0.0436753	0.177679	-5.62813	0.00197703	0.0385258	-25.9566	0.0288721	0.146641	-6.81936	0.0230882	0.132105	-7.56972	5.64125	49.594	7.81449	1
cg10714973	0.00987659	0.473774	-2.11071	7.13E-07	0.0461311	-21.6773	0.0155643	0.506749	-1.97336	0.00261065	0.384709	-2.59937	33.9654	28.2418	0.739101	1
cg17917013	1.29E-05	0.190044	-5.26194	0.319865	1.20486	1.20486	0.000317391	0.347386	-2.87864	0.00251856	0.467406	-2.13947	26.36	13.7232	0.462763	1
cg23043389	0.183845	0.63976	-1.56309	0.000237161	0.145273	-6.88361	0.943045	0.977619	-1.02289	0.0219204	0.418514	-2.38941	12.5742	19.9869	1.4129	1
cg12272488	0.18558	0.478327	-2.09062	0.00151494	0.0907065	-11.0246	0.00774172	0.165784	-6.03196	0.0594719	0.327055	-3.05759	6.79765	29.7157	3.88575	1
cg07749412	0.0999652	0.303257	-3.29753	0.00212921	0.0574255	-17.4139	0.546956	1.49702	1.49702	0.681741	0.76114	-1.31382	6.01209	41.7203	6.16835	1
cg07843419	0.0594993	0.240034	-4.16607	0.00873838	0.106339	-9.40388	0.0197391	0.151228	-6.61253	0.149807	0.354912	-2.8176	4.37768	31.2052	6.33622	1
cg22597210	0.0390944	0.31425	-3.18218	0.0253288	3.62858	3.62858	0.985139	0.991012	-1.00907	0.77475	1.14923	1.14923	4.29996	16.0039	3.30832	1
cg00164678	0.627119	0.737801	-1.35538	0.0212198	0.178962	-5.58777	0.0173741	0.165432	-6.04479	0.0712177	0.28602	-3.49626	4.175	25.5121	5.43172	1
cg01853246	0.0012236	0.565772	-1.7675	0.26985	0.870797	-1.14837	0.325083	0.884836	-1.13015	0.0782935	1.26556	1.26556	8.87521	2.03784	0.204098	1
cg25105316	0.0235774	1.68198	1.68198	0.0123994	1.81958	1.81958	0.864596	1.03337	1.03337	0.134754	0.733366	-1.36357	8.1426	4.76991	0.520708	1
cg00261569	0.0875744	0.421946	-2.36997	0.00660436	0.199176	-5.02068	0.00465767	0.178732	-5.59497	0.024133	0.292178	-3.42257	5.76501	19.1156	2.94738	1
cg02959129	0.0053364	0.696687	-1.43537	0.00617241	0.70347	-1.42152	0.940697	1.00735	1.00735	0.635658	1.04812	1.04812	5.68984	0.873817	0.136511	1
cg02942644	0.796191	0.960903	-1.04069	0.000404913	0.42051	-2.37806	0.595138	0.920681	-1.08615	0.608694	0.923521	-1.08281	4.43145	1.66635	0.334247	1
cg21080112	0.480462	0.894247	-1.11826	0.00497942	0.560271	-1.78485	0.851667	0.971249	-1.0296	0.485108	1.1169	1.1169	3.79557	1.45997	0.341912	1
cg17480641	0.0479822	0.391157	-2.55652	0.026078	0.334094	-2.99317	0.216629	0.582851	-1.7157	0.77559	0.888098	-1.126	3.58564	9.79044	2.42707	1
cg08708711	0.0111442	0.598323	-1.67134	0.00170962	0.485332	-2.06045	0.121743	1.31102	1.31102	0.152072	0.780599	-1.28107	6.72953	2.7776	0.366887	1
cg20035362	0.0139732	0.273307	-3.65889	0.00469248	0.200718	-4.9821	0.473603	1.3654	1.3654	0.0644253	0.411577	-2.42968	4.54753	13.1509	2.57056	1
cg01428687	0.297045	1.20413	1.20413	0.0103348	0.574015	-1.74211	0.0340474	1.52969	1.52969	0.914254	1.01868	1.01868	3.98069	1.86126	0.41562	1
cg00149659	0.203656	0.85413	-1.17078	0.000203474	2.07903	2.07903	0.00812511	0.67152	-1.48916	0.82582	0.974432	-1.02624	8.4529	1.84882	0.194417	1
cg07212940	0.113798	0.659666	-1.51592	0.000113603	0.194261	-5.14772	0.0103463	0.457941	-2.18369	0.0232208	1.92721	1.92721	27.9548	25.8867	0.823128	1
cg22751696	0.597487	0.916474	-1.09114	0.692515	0.937012	-1.06722	1.42E-06	7.45913	7.45913	0.00414723	1.87587	1.87587	26.3528	11.1828	0.377201	1
cg25119986	0.343796	0.726663	-1.37615	0.000285463	0.143737	-6.95716	0.470772	0.78646	-1.27152	0.305206	1.4157	1.4157	15.7516	26.7423	1.50911	1
cg12845975	0.145295	0.663539	-1.50707	0.000830784	0.267198	-3.74254	0.000328416	4.58013	4.58013	0.0223481	2.0502	2.0502	11.3375	12.3516	0.968401	1
cg14590206	0.292712	0.676497	-1.4782	0.0419168	2.31505	2.31505	0.000654233	6.4898	6.4898	0.00928961	3.25975	3.25975	7.66335	15.5582	1.80463	1
cg15059608	0.64765	0.896368	-1.11561	0.0701643	0.61797	-1.6182	0.00062716	3.49075	3.49075	0.106004	1.52159	1.52159	6.33397	5.67066	0.795802	1
cg01999476	0.310042	1.25445	1.25445	0.0221479	1.80754	1.80754	0.559278	1.13591	1.13591	0.570202	1.13182	1.13182	6.16959	4.55085	0.655667	1
cg01181009	0.489978	0.760445	-1.31502	0.054241	0.426097	-2.34688	0.00286547	4.96357	4.96357	0.0356545	2.59835	2.59835	5.65553	13.6599	2.14695	1
cg25667495	0.300244	1.0956	1.0956	3.01E-07	0.27905	-3.58358	0.717355	1.0314	1.0314	1.35E-06	0.349618	-2.86027	110.993	12.7156	0.101833	1
cg13581496	0.766745	1.12873	1.12873	0.00984147	0.264982	-3.77385	0.62735	1.22035	1.22035	0.00844301	0.254347	-3.93164	8.77253	23.0223	2.33276	1
cg01663469	0.211374	1.1475	1.1475	0.521585	0.934374	-1.07023	0.986428	0.998224	-1.00178	0.0424829	1.27649	1.27649	3.85365	0.666375	0.153707	1
cg08145590	0.44319	1.30501	1.30501	0.0978236	0.538792	-1.856	0.18084	0.616441	-1.62221	0.978737	0.990967	-1.00912	3.66573	6.73119	1.63222	1
cg00003529	0.138801	0.598537	-1.67074	0.00193125	0.2433	-4.11016	0.00310683	0.271708	-3.68043	0.0030762	0.271094	-3.68875	13.103	21.5325	1.46074	1
ch.3.2218090R	3.19E-05	0.116762	-8.56446	0.000318896	0.21316	-4.6913	0.813849	0.939353	-1.06456	0.973527	1.00884	1.00884	13.8148	15.3927	0.990414	1
cg04740522	0.976531	0.997037	-1.00297	0.322412	0.902033	-1.10861	0.112068	0.839855	-1.19068	0.317863	1.10976	1.10976	5.52078	0.889627	0.143237	1
cg10571695	0.516044	0.923731	-1.08257	0.0434877	1.32274	1.32274	0.326692	1.12974	1.12974	0.119449	1.22575	1.22575	5.45514	1.25395	0.204325	1
cg21915377	0.723442	0.935041	-1.06947	0.0217893	0.594239	-1.68282	0.0736544	0.685941	-1.45785	0.783468	1.05345	1.05345	4.1375	2.34167	0.503078	1
cg21609087	0.114721	1.90224	1.90224	0.172266	0.580057	-1.72397	0.454235	1.33078	1.33078	0.98741	0.994102	-1.00593	3.99278	8.88644	1.97833	1
cg10779423	0.239442	2.32058	2.32058	?	?	?	0.00310432	0.0629957	-15.8741	0.791511	0.834397	-1.19847	6.25721	41.1353	6.57407	1
cg09562331	0.26299	0.591203	-1.69147	0.0255252	0.302628	-3.30439	0.139145	0.488249	-2.04814	0.0773188	0.412932	-2.4217	3.78234	12.1513	2.85568	1
cg24075738	7.35E-06	0.458107	-2.1829	0.073672	1.17063	1.17063	0.890468	0.989173	-1.01095	0.000553823	1.52727	1.52727	18.472	1.82626	0.0878813	1
cg19233043	0.0242651	0.524024	-1.90831	0.655917	0.897711	-1.11394	0.00116447	0.317469	-3.14991	0.523397	0.85589	-1.16837	7.63778	7.00384	0.81511	1
cg07638105	0.20956	0.763992	-1.30891	0.915733	0.978686	-1.02178	0.000962767	2.71999	2.71999	0.00312941	2.27587	2.27587	5.64233	3.70256	0.583298	1
cg02639566	0.000236659	0.263728	-3.79179	0.889019	0.969911	-1.03102	0.389427	0.824494	-1.21286	0.0259963	0.560922	-1.78278	20.7741	15.7522	0.674011	1
cg26770187	0.319306	0.917442	-1.08999	0.0399142	1.21999	1.21999	0.00284303	1.41051	1.41051	0.00510484	1.36317	1.36317	5.29144	0.587431	0.0986803	1
cg02236890	0.0321906	0.242788	-4.11882	0.00103749	0.0645175	-15.4997	0.159515	0.428196	-2.33538	0.0200142	0.205203	-4.87323	5.28266	26.6359	4.48191	1
cg03788239	0.056077	0.450497	-2.21977	0.106706	0.522531	-1.91376	0.571424	1.23462	1.23462	0.363244	0.708685	-1.41106	4.35311	9.36274	1.91184	1
cg25512266	0.070767	1.6358	1.6358	0.00160444	0.33186	-3.01332	0.673442	1.10884	1.10884	0.858838	1.04435	1.04435	3.41749	3.21561	0.836381	1
cg22596860	0.00102236	0.293681	-3.40506	0.000873523	0.284709	-3.51236	0.182611	1.4275	1.4275	0.0164295	0.478139	-2.09144	9.98881	10.0181	0.891497	1
cg20830699	0.712915	1.05206	1.05206	0.207976	1.19997	1.19997	0.342446	1.14374	1.14374	0.760751	0.958931	-1.04283	6.33731	1.89245	0.265441	1
cg02701615	0.952442	1.04203	1.04203	0.00107157	0.0355948	-28.094	0.480456	0.609539	-1.64058	0.0636404	0.237103	-4.21757	5.18781	39.1444	6.70708	1
cg08692541	0.00435834	0.27507	-3.63544	0.558052	1.22231	1.22231	0.348699	1.38671	1.38671	0.0520192	0.4728	-2.11506	4.33406	7.8827	1.61669	1
cg08850721	0.00232924	0.47143	-2.1212	0.0129134	0.579306	-1.7262	0.284299	0.821402	-1.21743	0.0117109	0.572874	-1.74558	14.6286	7.24888	0.440468	1
cg25707669	0.000377246	1.51772	1.51772	0.257731	1.09058	1.09058	0.00189901	0.723919	-1.38137	0.160427	1.11638	1.11638	19.2311	1.64181	0.0758868	1
cg02842377	0.146553	0.835535	-1.19684	0.00130465	1.71566	1.71566	0.699269	1.04578	1.04578	0.00170476	0.596545	-1.67632	17.4863	3.68212	0.187175	1
cg15912390	0.433209	1.19667	1.19667	2.74E-05	0.156216	-6.4014	0.38288	0.818002	-1.22249	0.00554656	0.441276	-2.26615	14.1195	11.2703	0.709523	1
cg15722952	0.00697214	0.473899	-2.11015	0.000310018	0.285895	-3.49779	0.706375	0.922216	-1.08434	0.00125015	0.364735	-2.74172	12.5774	9.11887	0.644463	1
cg20945520	0.474592	0.849484	-1.17718	0.46145	0.845193	-1.18316	0.952821	1.01336	1.01336	0.0805418	0.647384	-1.54468	8.70208	6.93581	0.70847	1
cg21911490	0.00156863	0.223333	-4.47761	0.00345777	0.269782	-3.70669	0.876924	1.05248	1.05248	0.00181058	0.23134	-4.32264	8.25356	14.2375	1.53335	1
cg10333415	0.0854645	1.27721	1.27721	0.0587253	1.31627	1.31627	0.100042	0.793	-1.26103	0.00487949	0.618643	-1.61644	8.02477	2.10524	0.233194	1
cg14886676	0.165591	0.864507	-1.15673	0.98568	0.998235	-1.00177	0.994007	0.999261	-1.00074	0.000809521	1.64454	1.64454	7.33897	1.12673	0.136468	1
cg03916038	0.0246854	0.149273	-6.69915	0.0107663	0.102459	-9.76003	0.0143368	0.116854	-8.5577	0.0513142	0.206423	-4.84442	6.59367	52.8011	7.11809	1
cg13868855	0.0120837	0.382293	-2.6158	0.0290569	0.453584	-2.20466	0.852547	0.944427	-1.05884	0.0261631	0.444528	-2.24958	6.51983	9.75043	1.32934	1
cg00168009	0.0723917	0.563184	-1.77562	0.00968856	2.55294	2.55294	0.133728	1.5891	1.5891	0.918484	0.97111	-1.02975	6.51886	8.46684	1.15451	1
cg25746810	0.21664	0.743417	-1.34514	0.00023432	0.248766	-4.01984	0.348374	0.802372	-1.2463	0.593281	0.88431	-1.13082	6.33665	5.21985	0.732228	1
cg21501175	0.459636	0.75205	-1.3297	0.00384377	0.228892	-4.36887	0.182043	1.70931	1.70931	0.00782811	0.274767	-3.63945	6.0435	13.711	2.01663	1
cg11338339	0.324001	1.33149	1.33149	0.192219	0.67843	-1.47399	0.657408	0.882095	-1.13366	0.0368862	0.505944	-1.97651	5.92718	7.41618	1.11219	1
cg07250128	0.00908354	0.196244	-5.09571	0.0103943	0.204929	-4.87973	0.741588	1.1765	1.1765	0.0156089	0.233092	-4.29014	5.84368	22.3309	3.39678	1
cg06378490	0.968166	1.00994	1.00994	0.0222198	1.97191	1.97191	0.2637	0.749292	-1.33459	0.762524	0.927675	-1.07796	5.75642	5.59479	0.863932	1
cg10363443	0.414262	1.10305	1.10305	0.000488505	1.9005	1.9005	0.124321	0.822371	-1.216	0.275298	0.875134	-1.14268	5.59317	1.22337	0.194423	1
cg22318746	0.0689691	0.654856	-1.52705	0.072577	0.659201	-1.51699	0.531682	0.87653	-1.14086	0.0800437	0.667642	-1.49781	5.57699	3.82204	0.609176	1
cg12085101	0.00295064	0.199778	-5.00556	0.0158135	0.31144	-3.21089	0.064083	2.2729	2.2729	0.0529781	0.419906	-2.38148	5.39365	13.2994	2.19179	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27134832	C3orf21	0.0162203	0.0175718	0.543063	-1.84141	0.185201	1.34567	1.34567	0.0340668	0.59294	-1.68651	0.103212	0.686177	-1.45735	0.00217817	0.403089	-2.48084
cg24618514	C3orf21	0.0172282	0.0078503	0.380097	-2.63091	0.75074	0.913593	-1.09458	0.00833777	0.384415	-2.60136	0.217997	0.692494	-1.44406	0.0143367	0.424805	-2.35402
cg03170670	C3orf21	0.0191085	0.0869578	0.755002	-1.3245	0.47829	0.898365	-1.11313	0.0158438	1.55174	1.55174	0.0727807	0.742609	-1.3466	0.875657	0.976988	-1.02355
cg03276484	C3orf21	0.025691	0.0319556	0.455254	-2.19658	0.0427519	0.481809	-2.07551	0.0801074	0.544493	-1.83657	0.917194	0.967964	-1.0331	0.00168774	0.245361	-4.07563
cg01300291	C3orf21	0.0265486	0.062467	0.307929	-3.24751	0.335183	0.572176	-1.74772	0.952784	0.967283	-1.03382	0.308046	0.552826	-1.80889	0.00690085	0.140219	-7.13169
cg06704969	C3orf21	0.0274389	0.0815252	0.439898	-2.27325	0.275364	0.617124	-1.62042	0.00304398	0.177858	-5.62245	0.0209898	0.306931	-3.25806	0.726482	0.861241	-1.16111
cg15251319	C3orf21	0.029064	0.13899	0.743485	-1.34502	0.111745	0.724427	-1.3804	0.0142716	0.569795	-1.75502	0.179368	0.766859	-1.30402	0.00438796	0.492608	-2.03001
cg11883790	C3orf21	0.0298353	0.0490061	0.531915	-1.88	0.129125	0.63091	-1.58501	0.00901991	0.393599	-2.54066	0.120027	1.60594	1.60594	0.567923	0.850327	-1.17602
cg11796219	C3orf21	0.0316019	0.0749759	0.358554	-2.78898	0.0024206	0.112534	-8.88624	0.0171777	0.222704	-4.49026	0.710114	1.21302	1.21302	0.0633954	0.339681	-2.94394
cg21937377	C3orf21	0.033189	0.47234	0.754501	-1.32538	0.0272265	0.365273	-2.73768	0.0279961	0.367736	-2.71934	0.00806859	0.270468	-3.69729	0.877267	0.942183	-1.06136
cg02583282	C3orf21	0.0332484	0.0715621	0.789986	-1.26584	0.0498874	0.769491	-1.29956	0.957585	0.993788	-1.00625	0.591522	1.06552	1.06552	0.529181	0.928032	-1.07755
cg18639129	C3orf21	0.0379981	0.00227958	0.486867	-2.05395	0.00662772	0.55186	-1.81205	0.296609	0.833146	-1.20027	0.218025	0.803662	-1.2443	0.435829	0.874496	-1.14352
cg12938917	C3orf21	0.0388922	0.0293026	0.328264	-3.04633	0.117044	0.477735	-2.09321	0.265856	0.604694	-1.65373	0.723369	1.16672	1.16672	0.00345352	0.178578	-5.59979
cg08978399	C3orf21	0.0444589	0.707781	1.08213	1.08213	0.0018614	2.52323	2.52323	0.994541	0.998567	-1.00144	0.253874	0.778976	-1.28374	0.56181	0.884294	-1.13085
cg01390062	C3orf21	0.0461831	0.645925	0.932088	-1.07286	0.06271	0.727317	-1.37492	0.242887	0.830451	-1.20416	0.683016	0.939491	-1.06441	0.288456	1.18238	1.18238
cg07743179	C3orf22	0.00698614	0.0179171	0.314342	-3.18125	0.00185704	0.169198	-5.91025	0.0105822	0.274353	-3.64494	0.730572	0.870183	-1.14918	0.0076289	0.251619	-3.97427
cg02765820	C3orf22	0.0103613	0.466109	0.768897	-1.30056	0.00306429	0.237695	-4.20707	0.00326702	0.241537	-4.14016	0.970631	0.98704	-1.01313	0.00863441	0.305306	-3.27541
cg05130304	C3orf23;C3orf23;C3orf23	0.00182014	0.499319	1.06798	1.06798	0.0168497	1.32267	1.32267	0.0558104	0.812368	-1.23097	0.00165215	0.649271	-1.54019	0.103533	0.843035	-1.18619
cg04377077	C3orf23;C3orf23;C3orf23	0.00294344	0.00128085	0.426789	-2.34308	0.0227639	1.63932	1.63932	0.612693	0.911583	-1.09699	0.0405426	0.651214	-1.53559	0.00342753	0.486267	-2.05648
cg17038857	C3orf23;C3orf23;C3orf23	0.00340598	0.0422037	0.63306	-1.57963	0.00253615	0.441088	-2.26712	0.0654399	0.667674	-1.49774	0.0980442	0.701505	-1.42551	6.22E-05	0.236487	-4.22857
cg21796234	C3orf23;C3orf23;C3orf23	0.0244952	0.975043	1.00615	1.00615	0.0335751	1.62634	1.62634	0.175526	1.32604	1.32604	0.257445	0.793329	-1.26051	0.156617	0.743178	-1.34557
cg15117754	C3orf24;C3orf24	0.000214759	0.0048933	2.04279	2.04279	1.51E-05	5.57624	5.57624	0.00252203	2.2329	2.2329	3.83E-05	4.53725	4.53725	0.54529	1.1244	1.1244
cg10729496	C3orf24;C3orf24	0.00152826	0.0539881	1.88468	1.88468	0.000349524	5.28777	5.28777	0.0753027	1.77492	1.77492	0.0367359	2.01991	2.01991	0.00130237	0.257502	-3.88347
cg13053408	C3orf24;C3orf24	0.00525835	0.295712	0.721767	-1.38549	0.0121167	0.390469	-2.56102	0.00324321	0.29902	-3.34426	0.569541	0.841276	-1.18867	0.470455	0.801895	-1.24705
cg08888203	C3orf24;C3orf24	0.0054937	0.124718	2.28436	2.28436	0.000177296	23.5321	23.5321	0.257473	1.79922	1.79922	0.193238	1.98238	1.98238	0.123521	0.43642	-2.29137
cg16606324	C3orf24;C3orf24	0.00557449	0.0145474	2.71218	2.71218	0.842414	1.06821	1.06821	0.539082	0.813716	-1.22893	0.0565977	2.04501	2.04501	0.025957	0.416337	-2.4019
cg18621852	C3orf24;C3orf24	0.0121601	0.076192	0.579378	-1.72599	0.253168	1.39118	1.39118	0.273957	1.37015	1.37015	0.0318854	0.498737	-2.00506	0.00451755	0.351048	-2.84861
cg13560548	C3orf24;C3orf24	0.0279316	0.0524185	0.49034	-2.0394	0.0170432	2.55947	2.55947	0.334983	1.37884	1.37884	0.0366411	2.19137	2.19137	0.0343503	0.45045	-2.22
cg00166722	C3orf24;C3orf24	0.0383299	0.0418963	2.94005	2.94005	0.00426903	5.8025	5.8025	0.48852	1.38214	1.38214	0.149068	2.03727	2.03727	0.0660107	0.387312	-2.5819
cg02703816	C3orf24;C3orf24	0.045033	0.036281	0.39281	-2.54576	0.0301074	0.375669	-2.66192	0.0454441	0.414487	-2.41262	0.782332	1.11217	1.11217	0.0117868	0.298992	-3.34457
cg20850873	C3orf24;C3orf24;C3orf24;C3orf24	8.44E-05	0.0033033	2.27043	2.27043	0.00016538	3.72574	3.72574	0.595272	0.895967	-1.11611	0.0030436	2.29749	2.29749	0.00252709	0.423579	-2.36083
cg13047869	C3orf24;C3orf24;C3orf24;C3orf24	0.0148671	0.0626843	2.96285	2.96285	0.00107552	12.2364	12.2364	0.951518	1.03203	1.03203	0.0234512	4.07036	4.07036	0.312257	0.581557	-1.71952
cg05958749	C3orf25	0.00013475	0.152538	1.20396	1.20396	0.777234	0.966225	-1.03496	4.53E-05	2.54588	2.54588	0.0977652	1.24613	1.24613	0.27388	1.14788	1.14788
cg10474404	C3orf25	0.00084752	0.0007655	0.338921	-2.95054	0.000297483	0.286521	-3.49014	0.00647774	0.47174	-2.11981	0.37387	1.21381	1.21381	0.00053536	0.318636	-3.13838
cg16273051	C3orf25	0.00134149	0.025111	0.48629	-2.05639	0.583121	1.16183	1.16183	0.00423077	0.35477	-2.81873	0.442102	0.808883	-1.23627	0.0131178	0.434968	-2.29902
cg17196739	C3orf25	0.00314416	0.000979435	0.122183	-8.18443	0.00159213	0.143268	-6.97995	0.0100126	0.248026	-4.03184	0.00523605	0.206099	-4.85204	0.00126834	0.133097	-7.51329
cg09650575	C3orf25	0.00956751	0.47953	1.10818	1.10818	0.193656	1.21719	1.21719	0.00739563	0.610694	-1.63748	0.316492	1.1595	1.1595	0.98781	0.997819	-1.00219
cg00218914	C3orf25	0.015723	0.0719635	0.553397	-1.80702	0.0926617	1.72471	1.72471	0.0791263	0.56314	-1.77576	0.0536317	0.524369	-1.90705	0.000974975	0.235707	-4.24255
cg14627091	C3orf25	0.0161723	0.0326669	0.282709	-3.53721	0.254313	0.547939	-1.82502	0.198176	0.502915	-1.98841	0.379038	1.57792	1.57792	0.00179792	0.105992	-9.43464
cg14779951	C3orf25	0.0183309	0.979534	1.00465	1.00465	0.650524	1.08606	1.08606	0.00379403	2.02759	2.02759	0.483145	0.878967	-1.1377	0.152114	0.75752	-1.3201
cg08671746	C3orf25	0.0497823	0.0641917	0.377507	-2.64896	0.0113749	0.226723	-4.41066	0.0250698	0.286985	-3.4845	0.221693	0.547918	-1.82509	0.0357579	0.318399	-3.14072
cg17468185	C3orf25;C3orf25	0.00428695	0.0211993	1.76063	1.76063	0.365265	1.20917	1.20917	0.00292796	2.30363	2.30363	0.422176	1.18222	1.18222	0.17413	1.34337	1.34337
cg20118409	C3orf26;C3orf26	0.0144095	0.415287	1.13045	1.13045	0.00148491	0.50917	-1.96398	0.923826	1.01418	1.01418	0.0805536	0.751698	-1.33032	0.427627	1.12667	1.12667
cg04980191	C3orf26;C3orf26	0.0299557	0.549736	0.902629	-1.10787	0.932758	0.985817	-1.01439	0.911857	0.981431	-1.01892	0.681329	0.932495	-1.07239	0.458501	1.1363	1.1363
cg13527735	C3orf26;C3orf26;FILIP1L;FILIP1L	0.00246711	0.00671471	0.316439	-3.16017	0.687104	0.875873	-1.14172	0.611146	1.18274	1.18274	0.661765	0.865812	-1.15498	0.000587758	0.175809	-5.688
cg06436504	C3orf26;C3orf26;FILIP1L;FILIP1L	0.0155135	0.0575792	0.349144	-2.86415	0.16633	0.485194	-2.06103	0.167432	0.486224	-2.05666	0.122496	0.440395	-2.27069	0.00204964	0.118976	-8.40504
cg21445764	C3orf26;FILIP1L;FILIP1L	0.0064414	0.00561952	0.259967	-3.84664	0.0902873	0.500682	-1.99728	0.0066737	0.271361	-3.68513	0.0175784	0.342768	-2.91743	0.0110374	0.306842	-3.25901
cg05970080	C3orf26;FILIP1L;FILIP1L	0.00673975	0.0112344	0.39496	-2.5319	0.000934152	0.235839	-4.24018	0.0235558	0.453444	-2.20534	0.56747	1.18415	1.18415	0.00515098	0.339444	-2.94599
cg01932663	C3orf26;FILIP1L;FILIP1L	0.00726055	0.00213897	0.439214	-2.27679	0.0201419	0.585865	-1.70688	0.00330354	0.46609	-2.14551	0.776822	1.05571	1.05571	0.00855962	0.527383	-1.89616
cg15554421	C3orf26;FILIP1L;FILIP1L	0.0120957	0.0068478	0.165481	-6.043	0.230655	0.524192	-1.9077	0.00574879	0.155783	-6.41919	0.139455	0.441805	-2.26344	0.00160667	0.0978885	-10.2157
cg12818658	C3orf26;FILIP1L;FILIP1L	0.0230765	0.27804	1.2098	1.2098	0.000668878	2.40833	2.40833	0.637442	1.08345	1.08345	0.349875	0.85004	-1.17642	0.14395	1.30351	1.30351
cg08857713	C3orf26;FILIP1L;FILIP1L	0.0445474	0.111982	0.453173	-2.20666	0.802557	1.1214	1.1214	0.625085	0.798341	-1.2526	0.0874425	0.421958	-2.36991	0.00121353	0.114617	-8.72468
cg21792806	C3orf26;FILIP1L;FILIP1L;C3orf26	0.00122979	0.372813	0.812787	-1.23033	0.000123898	0.21953	-4.55519	0.000719706	0.31161	-3.20914	0.009546	2.10368	2.10368	0.467807	1.1822	1.1822
cg21589858	C3orf26;FILIP1L;FILIP1L;FILIP1L;MIR548G	1.89E-05	1.08E-05	0.125174	-7.98885	0.0323016	0.573896	-1.74248	0.00695213	0.46134	-2.1676	0.260612	0.771107	-1.29684	4.71E-06	0.0980058	-10.2035
cg13219301	C3orf26;FILIP1L;MIR548G;FILIP1L	7.94E-06	0.00117051	0.4599	-2.17439	3.53E-06	0.169346	-5.90508	6.76E-06	0.196137	-5.09847	0.396776	0.868082	-1.15197	1.78E-05	0.23933	-4.17833
cg11268077	C3orf26;FILIP1L;MIR548G;FILIP1L	0.000589078	0.0474496	0.558461	-1.79064	0.00580643	0.395245	-2.53008	0.00980312	0.432201	-2.31374	0.88925	0.964837	-1.03644	1.01E-05	0.0879279	-11.373
cg06077670	C3orf26;FILIP1L;MIR548G;FILIP1L	0.0234928	0.164719	0.526235	-1.90029	0.180487	0.54012	-1.85144	0.571479	0.780607	-1.28105	0.404026	1.4475	1.4475	0.00080633	0.11194	-8.93333
cg05878887	C3orf26;FILIP1L;MIR548G;FILIP1L	0.0302111	0.0412378	0.251366	-3.97826	0.00201073	0.0776261	-12.8823	0.131949	0.385389	-2.59478	0.136808	0.390679	-2.55965	0.00997042	0.148338	-6.74137
cg22481643	C3orf26;FILIP1L;MIR548G;FILIP1L;FILIP1L	0.00267718	0.00815656	0.305642	-3.2718	0.000707759	0.164248	-6.08835	0.0102101	0.32183	-3.10723	0.26977	1.49526	1.49526	0.00452994	0.266056	-3.75861
cg08350549	C3orf26;FILIP1L;MIR548G;FILIP1L;FILIP1L	0.0125368	0.0101971	0.155807	-6.41821	0.142511	0.404661	-2.47121	0.0136694	0.173725	-5.75623	0.0825054	0.331628	-3.01543	0.0175102	0.190232	-5.25674
cg17047890	C3orf26;FILIP1L;MIR548G;FILIP1L;FILIP1L	0.0273688	0.0114462	0.15485	-6.45788	0.0280848	0.216724	-4.61416	0.025286	0.208487	-4.79646	0.216371	0.464464	-2.15302	0.00660114	0.125057	-7.99637
cg00210994	C3orf26;FILIP1L;MIR548G;FILIP1L;FILIP1L	0.0359546	0.0455509	0.680665	-1.46915	0.593897	0.915314	-1.09252	0.406989	1.14999	1.14999	0.0305207	1.53449	1.53449	0.392519	0.865581	-1.15529
cg13132965	C3orf26;FILIP1L;MIR548G;FILIP1L;FILIP1L;FILIP1L	0.0344146	0.736612	0.887775	-1.12641	0.128904	0.560659	-1.78362	0.185952	0.60987	-1.63969	0.873848	1.05763	1.05763	0.392761	0.734384	-1.36168
cg15372098	C3orf26;MIR548G	0.0020255	0.000549631	0.59552	-1.6792	0.411184	0.922038	-1.08455	0.0031683	1.47608	1.47608	0.0220824	1.3036	1.3036	0.484475	0.933678	-1.07103
cg08834459	C3orf26;MIR548G	0.0100944	0.176336	0.808247	-1.23725	0.0876347	0.756371	-1.3221	0.00515186	0.578622	-1.72824	0.0634412	0.734108	-1.3622	0.00173724	0.516109	-1.93758
cg13446974	C3orf27	0.000218627	0.851784	1.02076	1.02076	0.00551319	0.669791	-1.493	0.00203387	0.620085	-1.61268	0.352	0.900123	-1.11096	1.55E-05	0.374705	-2.66877
cg16208959	C3orf27	0.0192442	0.0179585	0.320313	-3.12195	0.175457	0.565291	-1.769	0.0101386	0.276925	-3.61109	0.50702	0.766049	-1.3054	0.0116665	0.287111	-3.48297
cg20749576	C3orf27	0.0263943	0.0545647	0.453562	-2.20477	0.0131951	0.328284	-3.04614	0.00223602	0.211826	-4.72085	0.0201279	0.361929	-2.76297	0.0914751	0.509789	-1.9616
cg08553467	C3orf27	0.0382627	0.226929	0.635626	-1.57325	0.874838	0.945249	-1.05792	0.00152086	0.19577	-5.10804	0.0429041	0.435038	-2.29865	0.0559885	0.461498	-2.16686
cg05982160	C3orf27	0.0392093	0.348327	0.785912	-1.27241	0.983719	1.0051	1.0051	0.00949768	0.440501	-2.27014	0.822912	0.945608	-1.05752	0.00227564	0.344751	-2.90064
cg24037746	C3orf30	0.00298953	0.204329	1.2497	1.2497	0.027861	0.648883	-1.54111	0.0026212	0.499921	-2.00031	0.740692	0.946233	-1.05682	0.000668835	0.420509	-2.37807
cg12385467	C3orf30;IGSF11	4.77E-06	0.00604274	0.657496	-1.52092	0.023533	1.372	1.372	0.0011445	0.571723	-1.7491	3.42E-07	0.177963	-5.61916	1.38E-06	0.236727	-4.22427
cg14458615	C3orf30;IGSF11	0.00216753	0.0817542	1.47849	1.47849	0.320515	1.23131	1.23131	0.198413	0.759174	-1.31722	6.02E-05	0.22244	-4.4956	0.335138	0.817515	-1.22322
cg19119016	C3orf30;IGSF11	0.00309448	0.812633	0.946758	-1.05624	0.616231	0.890089	-1.12348	0.00756125	0.453053	-2.20725	0.804542	0.94447	-1.05879	8.40E-05	0.195952	-5.10329
cg15770515	C3orf30;IGSF11	0.00311408	0.0068395	0.330711	-3.02379	0.0232854	0.424654	-2.35486	0.666178	1.14694	1.14694	0.000306352	0.156949	-6.37148	0.000936386	0.210211	-4.75713
cg14752818	C3orf30;IGSF11	0.00680981	0.304197	0.811691	-1.232	0.0002767	0.311298	-3.21235	0.0107738	1.87407	1.87407	0.307159	0.812799	-1.23032	0.23833	1.27399	1.27399
cg03904711	C3orf30;IGSF11	0.0294855	0.209083	0.689908	-1.44947	0.634759	0.874447	-1.14358	0.0129211	0.420984	-2.37539	0.00381932	0.335055	-2.98458	0.0796066	0.579581	-1.72538
cg20182232	C3orf30;IGSF11	0.0476324	0.124588	0.332048	-3.01161	0.127773	0.335624	-2.97953	0.206784	0.413614	-2.41772	0.904112	1.08319	1.08319	0.020763	0.157912	-6.33264
cg01946824	C3orf30;IGSF11;IGSF11	0.000699675	0.251241	1.34296	1.34296	0.792935	0.937336	-1.06685	0.0364426	1.81872	1.81872	1.35E-05	0.106431	-9.39572	0.763419	1.07708	1.07708
cg12389423	C3orf30;IGSF11;IGSF11	0.0210025	0.00604892	0.639437	-1.56388	0.888184	1.0177	1.0177	0.0473105	1.32715	1.32715	0.0886954	0.791205	-1.26389	0.107385	0.803191	-1.24503
cg24650229	C3orf30;IGSF11;IGSF11	0.043596	0.4728	1.11969	1.11969	0.482612	0.895405	-1.11681	0.0655114	1.37718	1.37718	0.0296402	0.672743	-1.48645	0.378937	1.14999	1.14999
cg08472978	C3orf31	0.000650128	0.008301	0.236816	-4.22269	0.451767	0.729488	-1.37082	0.0131057	3.69398	3.69398	0.120475	2.01316	2.01316	?	?	?
cg10999566	C3orf31	0.00497058	0.275841	1.11052	1.11052	0.0292157	1.26821	1.26821	0.82284	0.979476	-1.02095	0.559275	1.05612	1.05612	0.135006	1.16068	1.16068
cg10468845	C3orf31	0.0272647	0.55492	0.882986	-1.13252	0.00136049	0.379501	-2.63504	0.171672	0.738433	-1.35422	0.601937	0.896131	-1.11591	0.0777891	0.664688	-1.50447
cg02700360	C3orf31	0.028902	0.124831	0.448643	-2.22894	0.00112987	0.0991119	-10.0896	0.0194838	0.256077	-3.90507	0.845547	0.910205	-1.09865	0.0637112	0.365833	-2.73349
cg23349968	C3orf31	0.0462624	0.433197	1.28916	1.28916	0.341357	0.732446	-1.36529	0.31166	0.717199	-1.39431	0.0109572	0.362803	-2.75632	0.15523	0.616917	-1.62096
cg02578087	C3orf32	0.00014539	0.0691933	0.378236	-2.64385	0.72381	0.843945	-1.18491	8.27E-05	0.033694	-29.6789	0.00815665	0.198054	-5.04912	0.0085126	0.200742	-4.98151
cg01104466	C3orf32	0.00167774	0.0453484	0.659062	-1.51731	0.000819125	0.400143	-2.4991	0.0259598	0.618746	-1.61617	0.0819176	0.704618	-1.41921	0.00303293	0.478179	-2.09127
cg15770125	C3orf32	0.00660181	0.0309085	0.520975	-1.91948	0.000682109	0.263062	-3.80139	0.0159871	0.468171	-2.13597	0.0750204	0.600408	-1.66554	0.00423685	0.37342	-2.67795
cg06610172	C3orf32	0.0129052	0.067262	0.600801	-1.66444	0.201441	0.715223	-1.39816	0.241302	0.737319	-1.35627	0.237098	0.735112	-1.36034	0.00116221	0.305734	-3.27081
cg09649134	C3orf33	0.000119927	0.0328694	1.44882	1.44882	0.481992	0.899282	-1.112	0.711226	1.05679	1.05679	0.833606	1.03174	1.03174	0.127784	0.783023	-1.2771
cg02219117	C3orf33	0.00184425	0.0177096	1.54304	1.54304	0.951102	1.00926	1.00926	0.126251	1.28244	1.28244	0.00110691	2.06047	2.06047	0.0147295	1.57054	1.57054
cg20546263	C3orf33	0.00576238	0.00323791	0.65453	-1.52781	0.00515521	1.47673	1.47673	0.870961	1.0173	1.0173	0.189314	0.863513	-1.15806	0.0105544	0.712118	-1.40426
cg20053829	C3orf33	0.0127796	0.618806	1.06848	1.06848	0.020939	0.692862	-1.44329	0.0169077	0.680577	-1.46934	0.686002	0.947739	-1.05514	0.0912755	0.782222	-1.27841
cg14775487	C3orf33	0.0144251	0.335364	0.93406	-1.0706	0.975539	0.997897	-1.00211	0.145295	0.898181	-1.11336	0.387013	1.06278	1.06278	0.000223891	0.655936	-1.52454
cg21553189	C3orf33	0.0177331	0.194672	0.660654	-1.51365	0.0756868	0.550237	-1.8174	0.699883	0.889551	-1.12416	0.873926	0.953152	-1.04915	0.620923	1.16256	1.16256
cg24874638	C3orf33	0.0397833	0.00799537	0.485139	-2.06126	0.0434565	0.610101	-1.63907	0.013813	0.523338	-1.91081	0.704601	0.922149	-1.08442	0.124739	0.70212	-1.42426
cg08502511	C3orf35;C3orf35	0.0020632	0.877498	0.983473	-1.0168	0.000163951	2.00248	2.00248	0.827661	1.02383	1.02383	0.434345	0.917429	-1.09	0.674326	1.04672	1.04672
cg08505649	C3orf35;C3orf35	0.00439921	0.00661727	0.742934	-1.34601	0.701725	0.968083	-1.03297	0.63151	0.960086	-1.04157	0.364811	1.08166	1.08166	0.00322574	1.40319	1.40319
cg15849439	C3orf35;C3orf35	0.00452382	0.00241737	0.193869	-5.15811	0.00233769	0.192054	-5.20687	0.734915	1.14109	1.14109	0.377401	1.42154	1.42154	0.000770538	0.138423	-7.22424
cg08408303	C3orf35;C3orf35;C3orf35;C3orf35	0.0314505	0.927646	0.958453	-1.04335	0.881721	1.07204	1.07204	0.516341	0.735322	-1.35995	0.243658	0.565553	-1.76818	0.00474843	0.173423	-5.76625
cg18989919	C3orf36;C3orf36	0.00012191	0.00357937	0.520601	-1.92086	0.00448963	0.534317	-1.87155	1.53E-05	0.227255	-4.40034	0.22138	0.808428	-1.23697	5.07E-05	0.284622	-3.51344
cg06018699	C3orf36;C3orf36	0.0111948	0.288549	0.691108	-1.44695	0.0194429	0.387753	-2.57896	0.949097	1.02164	1.02164	0.767579	0.905396	-1.10449	0.744092	0.895976	-1.1161
cg14981232	C3orf37;C3orf37	0.00551304	0.986568	0.995888	-1.00413	0.0128294	2.1306	2.1306	0.0139353	2.10305	2.10305	0.515444	0.850946	-1.17516	0.803905	0.940928	-1.06278
cg24826502	C3orf37;C3orf37	0.00640856	0.00244052	0.29122	-3.43383	0.0308142	2.09976	2.09976	0.614097	1.16035	1.16035	0.862745	1.05192	1.05192	0.00273052	0.298168	-3.35382
cg25821399	C3orf37;C3orf37	0.00792956	0.547034	1.19144	1.19144	0.000339876	5.25455	5.25455	0.00290166	3.24336	3.24336	0.231024	1.43493	1.43493	0.971052	0.989624	-1.01048
cg00135056	C3orf37;C3orf37	0.0094919	0.413749	0.776594	-1.28767	0.000385666	5.55023	5.55023	0.411605	1.28924	1.28924	0.638784	0.866696	-1.15381	0.0781294	0.553061	-1.80812
cg24023588	C3orf37;C3orf37	0.0172639	0.598348	0.907601	-1.10181	0.810483	0.957131	-1.04479	0.278867	0.814369	-1.22794	0.361819	1.18644	1.18644	0.027574	1.60832	1.60832
cg25447091	C3orf37;C3orf37	0.0306827	0.0606308	1.67226	1.67226	0.0275754	1.88386	1.88386	0.0492374	1.72566	1.72566	0.255335	1.33464	1.33464	0.037424	1.79864	1.79864
cg15685811	C3orf37;C3orf37	0.041164	0.0334759	0.263201	-3.79938	0.837777	0.895703	-1.11644	0.487488	1.46083	1.46083	0.206918	0.489122	-2.04448	0.0251875	0.239225	-4.18017
cg08280475	C3orf37;C3orf37;C3orf37	0.0237347	0.236227	1.48121	1.48121	0.123436	1.69584	1.69584	0.0856489	1.82453	1.82453	0.570728	1.19885	1.19885	?	?	?
cg00971891	C3orf38	0.00151577	0.190963	1.7007	1.7007	0.249111	1.58721	1.58721	0.993187	0.996731	-1.00328	0.335861	0.683468	-1.46313	0.770345	0.893812	-1.1188
cg10143842	C3orf38	0.00336214	0.0357114	0.227622	-4.39324	0.0346651	4.44276	4.44276	0.0169594	5.83168	5.83168	0.628478	1.34347	1.34347	0.000213107	0.0236135	-42.3486
cg08007110	C3orf38	0.00449846	0.000216998	0.292547	-3.41826	0.811943	0.953626	-1.04863	0.0371802	1.61921	1.61921	0.575503	0.893409	-1.11931	0.0104906	0.526404	-1.89968
cg17082662	C3orf38	0.0186967	0.0161936	0.447664	-2.23382	0.00302002	3.03685	3.03685	0.653918	0.883991	-1.13123	0.804724	0.934552	-1.07003	0.574957	1.16744	1.16744
cg19066589	C3orf38	0.0337012	0.0507677	0.245918	-4.0664	0.00640824	0.106949	-9.35027	0.0172256	0.160561	-6.22817	0.746552	0.815147	-1.22677	0.0272742	0.192722	-5.18882
cg15562197	C3orf38;C3orf38	0.0163846	0.0223283	0.754605	-1.3252	0.317588	0.899208	-1.11209	0.0843731	0.821736	-1.21694	0.00104177	0.607007	-1.64743	0.915436	0.989136	-1.01098
cg16913477	C3orf39	0.00117334	0.645715	0.926921	-1.07884	0.00112278	2.19528	2.19528	0.00226181	2.01463	2.01463	0.643536	0.92645	-1.07939	0.00022963	0.366761	-2.72657
cg19991451	C3orf39	0.00184153	0.78874	0.918951	-1.0882	0.0285745	2.25465	2.25465	0.119544	1.70167	1.70167	0.00673716	0.330991	-3.02123	0.000278201	0.153852	-6.49977
cg09253150	C3orf39	0.00250122	0.885505	1.02817	1.02817	0.036153	1.59962	1.59962	0.00750455	1.94152	1.94152	0.324127	1.21693	1.21693	0.000515392	0.351739	-2.84302
cg07893968	C3orf39	0.0183218	0.0794249	0.647934	-1.54337	0.135514	1.43131	1.43131	0.289543	0.782683	-1.27766	0.467616	0.848118	-1.17908	0.00135092	0.354329	-2.82224
cg01359962	C3orf39	0.0310551	0.0104837	0.271564	-3.68237	0.39392	1.42386	1.42386	0.63749	1.21175	1.21175	0.0273703	0.347769	-2.87547	0.0249544	0.339717	-2.94363
cg01853632	C3orf39;C3orf39	0.00286475	0.169166	1.18256	1.18256	0.0514058	0.775775	-1.28903	0.348929	1.11671	1.11671	0.890808	0.984399	-1.01585	0.00012697	0.466051	-2.14569
cg02745713	C3orf42	2.71E-07	1.53E-07	0.064794	-15.4335	0.931031	0.985637	-1.01457	1.60E-05	0.225931	-4.42613	1.10E-06	0.119855	-8.34345	2.40E-06	0.147242	-6.79154
cg01695412	C3orf43	0.00166972	0.0223623	0.487985	-2.04924	2.05E-05	0.104855	-9.537	0.667173	0.892784	-1.12009	0.111076	0.634418	-1.57625	0.371109	0.786041	-1.2722
cg18196374	C3orf43	0.00376899	0.14723	0.566147	-1.76633	0.000483863	0.13513	-7.4003	0.0303778	0.394201	-2.53678	0.096213	1.95064	1.95064	0.00395174	0.242205	-4.12874
cg21643138	C3orf43	0.00925114	0.107403	0.559081	-1.78865	0.000237324	0.133344	-7.49942	0.0413006	0.458924	-2.17901	0.059068	0.493943	-2.02453	0.85462	0.941112	-1.06257
cg07893474	C3orf43	0.00929238	0.0137891	0.158834	-6.29588	0.007337	0.123816	-8.07649	0.0367072	0.230635	-4.33586	0.214607	0.454016	-2.20256	0.0129381	0.15495	-6.4537
cg25920535	C3orf43	0.0257171	0.017696	0.262919	-3.80345	0.318625	0.620456	-1.61172	0.159569	0.498577	-2.00571	0.782953	1.13641	1.13641	0.00774322	0.205171	-4.87398
cg18004338	C3orf43;C3orf43	0.00296836	0.559301	0.92956	-1.07578	0.00982958	0.667835	-1.49738	0.000299021	0.482927	-2.0707	0.456152	1.09844	1.09844	0.00702514	0.649761	-1.53903
cg10551804	C3orf45	0.0450198	0.0129978	0.137213	-7.28795	0.452495	0.610656	-1.63758	0.314687	0.511697	-1.95428	0.0420003	0.220887	-4.5272	0.00403578	0.0830116	-12.0465
cg05274741	C3orf48	0.0090878	0.235418	0.864059	-1.15733	0.00158769	0.587036	-1.70347	0.479138	0.918938	-1.08821	0.372897	0.898088	-1.11348	0.00156519	0.5863	-1.70561
cg12452106	C3orf49	0.0164521	0.213299	0.766886	-1.30398	0.504366	1.14706	1.14706	0.386049	0.835305	-1.19717	0.0114809	0.527065	-1.8973	0.0407002	1.61369	1.61369
cg21565017	C3orf49	0.0252511	0.00776324	0.343079	-2.91478	0.0136781	0.385118	-2.5966	0.0629121	0.519579	-1.92463	0.444702	1.2761	1.2761	0.417108	0.771439	-1.29628
cg13501181	C3orf50	6.18E-05	0.20573	1.12216	1.12216	2.24E-06	2.71322	2.71322	0.499805	1.06092	1.06092	0.0641463	1.19675	1.19675	0.871031	1.01413	1.01413
cg22588275	C3orf50	0.000354816	0.00593507	0.561958	-1.77949	0.00130071	2.11738	2.11738	0.00487321	0.550036	-1.81806	0.230735	1.22308	1.22308	0.964622	0.992921	-1.00713

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27134832	0.0286885	0.579661	-1.72515	0.336133	1.23314	1.23314	0.729174	1.07621	1.07621	0.416769	0.839153	-1.19168	5.04797	3.56961	0.628567	1
cg24618514	0.0484771	0.5277	-1.89501	0.597406	0.859734	-1.16315	0.102894	1.65859	1.65859	0.0185029	0.444847	-2.24796	4.94735	6.30036	1.13198	1
cg03170670	0.0577108	1.37583	1.37583	0.0082656	1.65221	1.65221	0.262446	0.840534	-1.18972	0.165711	0.802688	-1.24581	4.77785	1.67265	0.311186	1
cg03276484	0.907203	0.96415	-1.03718	0.669396	1.14394	1.14394	0.386846	1.32011	1.32011	0.0572634	0.509978	-1.96087	4.31605	6.70039	1.37994	1
cg01300291	0.516724	0.691205	-1.44675	0.0018556	0.083611	-11.9602	0.0453747	0.275424	-3.63076	0.0450734	0.274785	-3.63921	4.2668	21.326	4.44277	1
cg06704969	0.344854	1.51262	1.51262	0.100383	2.15028	2.15028	0.48698	0.740517	-1.35041	0.0797714	0.437359	-2.28645	4.21772	12.0854	2.54701	1
cg15251319	0.14849	0.749422	-1.33436	0.0760512	0.692511	-1.44402	0.529289	1.12594	1.12594	0.00868155	0.536572	-1.86368	4.13301	2.26755	0.487684	1
cg11883790	0.629763	0.872468	-1.14617	0.00698992	0.375373	-2.66401	0.265429	1.38537	1.38537	0.376477	0.774983	-1.29035	4.09483	5.11624	1.11061	1
cg11796219	0.225225	0.517472	-1.93247	0.179941	0.478743	-2.0888	0.0201622	0.234711	-4.26055	0.359384	0.614208	-1.62811	4.0118	16.9979	3.7662	1
cg21937377	0.446708	0.741651	-1.34834	0.860387	1.0702	1.0702	0.104658	1.98073	1.98073	0.0234837	0.352449	-2.83729	3.94195	9.27127	2.09062	1
cg02583282	0.0671072	0.786288	-1.2718	0.00343698	1.59297	1.59297	0.778566	1.03358	1.03358	0.592763	1.06529	1.06529	3.93942	0.856427	0.193244	1
cg18639129	0.923881	0.984009	-1.01625	0.473877	1.13073	1.13073	0.508863	0.893111	-1.11968	0.177797	0.7854	-1.27324	3.75321	1.6914	0.400583	1
cg12938917	0.0130151	0.262667	-3.8071	0.182498	0.541276	-1.84749	0.0895183	0.443874	-2.25289	0.121532	0.482733	-2.07154	3.72136	11.0944	2.65002	1
cg08978399	0.227565	1.30412	1.30412	0.76981	1.06344	1.06344	0.0344189	1.67729	1.67729	0.228533	1.30333	1.30333	3.54152	2.4648	0.618642	1
cg01390062	0.404415	1.13848	1.13848	0.00272308	1.87615	1.87615	0.286257	0.845053	-1.18336	0.795718	1.04023	1.04023	3.49137	1.27798	0.325368	1
cg07743179	0.291295	0.643727	-1.55345	0.00365322	0.205694	-4.8616	0.0384815	0.381183	-2.62341	0.00489819	0.223162	-4.48104	6.61921	16.9625	2.27789	1
cg02765820	0.501665	0.785354	-1.27331	0.0536686	0.460077	-2.17355	0.0095164	0.312294	-3.20211	0.0122483	0.330993	-3.02121	5.84382	11.6197	1.76744	1
cg05130304	0.107711	0.845062	-1.18335	0.00012679	0.527442	-1.89594	0.0656284	0.820256	-1.21913	0.172729	0.870086	-1.14931	9.90974	1.44351	0.12948	1
cg04377077	0.944439	1.01272	1.01272	0.000776754	0.397644	-2.51481	0.727157	0.938455	-1.06558	0.218022	0.790591	-1.26488	8.60663	4.4824	0.46294	1
cg17038857	0.158924	0.745178	-1.34196	0.124815	0.72282	-1.38347	0.254289	0.792514	-1.26181	0.154632	0.742586	-1.34665	8.24064	4.98075	0.537255	1
cg21796234	0.965344	0.991525	-1.00855	0.165403	0.748385	-1.33621	0.00182493	0.419882	-2.38162	0.224693	0.77893	-1.28381	4.38822	2.66712	0.540259	1
cg15117754	0.0731314	1.46639	1.46639	0.856071	0.965822	-1.03539	0.668658	0.920842	-1.08596	0.371397	1.19219	1.19219	18.0196	10.4702	0.516483	1
cg10729496	0.116712	0.610292	-1.63856	0.0996537	0.592842	-1.68679	0.111422	1.65262	1.65262	0.210447	0.68226	-1.46572	10.4234	13.8577	1.18176	1
cg13053408	0.00559659	0.334901	-2.98596	0.000345066	0.176973	-5.65059	0.538544	0.829243	-1.20592	0.0185249	0.423696	-2.36018	7.22643	10.3483	1.2729	1
cg08888203	0.289421	1.72726	1.72726	0.00395642	6.86429	6.86429	0.098299	2.4625	2.4625	0.41791	1.50897	1.50897	7.13006	27.8953	3.47765	1
cg16606324	0.569758	0.826602	-1.20977	0.00157376	4.50399	4.50399	0.122481	0.57418	-1.74162	0.0138759	0.365022	-2.73956	7.09816	12.3539	1.54706	1
cg18621852	0.771618	0.922643	-1.08384	0.0099112	2.46275	2.46275	0.129566	1.57309	1.57309	0.181508	0.675449	-1.4805	5.54957	6.72625	1.07736	1
cg13560548	0.168498	1.60657	1.60657	0.838411	1.0682	1.0682	0.925313	1.03076	1.03076	0.0889677	0.545477	-1.83326	4.19139	6.92955	1.46958	1
cg00166722	0.334219	1.58098	1.58098	0.104936	2.25898	2.25898	0.0644444	2.59971	2.59971	0.790029	1.13059	1.13059	3.74128	12.5331	2.97773	1
cg02703816	0.577246	0.805611	-1.24129	0.0441402	0.411621	-2.42942	0.869329	0.938756	-1.06524	0.0217911	0.347551	-2.87728	3.52456	8.22497	2.07433	1
cg20850873	0.259891	0.785998	-1.27227	1.57E-05	0.160622	-6.2258	0.386243	1.1996	1.1996	0.102001	1.443	1.443	23.1687	15.4047	0.591018	1
cg13047869	0.131418	2.3268	2.3268	0.00873584	5.65395	5.65395	0.0768067	2.77454	2.77454	0.359664	1.62966	1.62966	5.19596	22.1279	3.78549	1
cg05958749	8.69E-05	0.426244	-2.34607	0.00253394	0.60194	-1.66129	0.131131	1.21828	1.21828	0.00130282	1.7633	1.7633	20.4385	4.74942	0.206557	1
cg10474404	0.0697199	0.65014	-1.53813	0.000751509	0.337861	-2.9598	0.201584	0.751064	-1.33144	0.00743621	0.481056	-2.07876	12.33	8.79933	0.634356	1
cg16273051	0.0119465	0.427923	-2.33687	3.09E-05	0.110726	-9.03133	0.136736	0.648031	-1.54314	0.0219678	0.475354	-2.1037	10.8212	12.5511	1.03098	1
cg17196739	0.0160983	0.282833	-3.53565	0.320752	0.644086	-1.55259	0.132977	0.499022	-2.00392	0.00915554	0.241873	-4.1344	8.43957	24.5784	2.58869	1
cg09650575	0.109906	0.77956	-1.28277	0.00151627	0.520607	-1.92084	0.529312	1.09535	1.09535	0.0294384	1.44267	1.44267	5.99465	1.9389	0.287501	1
cg00218914	0.109763	0.598362	-1.67123	0.102591	0.59087	-1.69242	0.502773	1.22182	1.22182	0.169639	0.649897	-1.53871	5.10051	7.0095	1.22158	1
cg14627091	0.0147705	0.219534	-4.55511	0.00651455	0.167475	-5.97104	0.877025	1.08141	1.08141	0.280098	0.566962	-1.76379	5.05295	20.4416	3.59598	1
cg14779951	0.292059	0.820466	-1.21882	0.00409708	0.497983	-2.0081	0.148067	1.32428	1.32428	0.695406	1.07382	1.07382	4.84533	2.51447	0.461286	1
cg08671746	0.0224952	0.277978	-3.59741	0.0507016	0.352455	-2.83725	0.0460055	0.342631	-2.91859	0.40702	0.672143	-1.48778	3.39375	11.7922	3.08859	1
cg17468185	0.247785	0.781375	-1.2798	0.000495564	0.328527	-3.04389	0.995545	1.00114	1.00114	0.855614	1.03789	1.03789	7.68991	5.07687	0.586844	1
cg20118409	0.215477	1.21166	1.21166	0.00710226	1.66889	1.66889	0.870367	0.976236	-1.02434	0.941846	0.989314	-1.0108	5.24983	1.8031	0.305297	1
cg04980191	0.959693	1.00859	1.00859	0.000468499	2.53653	2.53653	0.547483	0.902094	-1.10853	0.31779	1.191	1.191	4.08898	1.85547	0.403355	1
cg13527735	0.721202	1.12444	1.12444	0.000223331	0.133872	-7.46983	0.66477	1.15339	1.15339	0.0412062	0.462604	-2.16167	9.06731	15.385	1.50823	1
cg06436504	0.0432388	0.320001	-3.12499	0.00192095	0.116235	-8.60328	0.691394	1.21594	1.21594	0.0503361	0.335146	-2.98377	5.12326	19.4836	3.38041	1
cg21445764	0.00349183	0.230236	-4.34337	0.0173572	0.341747	-2.92614	0.0450523	0.426439	-2.345	0.00152618	0.184336	-5.42488	6.78842	14.7662	1.93351	1
cg05970080	0.447285	0.797298	-1.25424	0.0149042	0.416563	-2.4006	0.926984	1.02717	1.02717	0.0136882	0.409968	-2.43921	6.69363	9.06756	1.20414	1
cg01932663	0.019673	0.584204	-1.71173	0.984825	1.00363	1.00363	0.985304	1.00352	1.00352	0.00945666	0.534012	-1.87262	6.54007	3.76903	0.512264	1
cg15554421	0.160075	0.462575	-2.16181	0.222192	0.517385	-1.9328	0.284832	1.76939	1.76939	0.027451	0.261917	-3.818	5.55915	23.2286	3.71418	1
cg12818658	0.920044	0.983191	-1.0171	0.026896	1.55666	1.55666	0.633466	0.92209	-1.08449	0.301651	1.19803	1.19803	4.47972	2.02257	0.401328	1
cg08857713	0.531811	0.748542	-1.33593	0.960977	1.02263	1.02263	0.920859	1.0465	1.0465	0.0712977	0.398032	-2.51236	3.53888	11.7217	2.94424	1
cg21792806	0.0893634	0.654179	-1.52863	0.189676	1.36989	1.36989	0.718302	0.921207	-1.08553	0.16324	0.713801	-1.40095	11.0938	9.01851	0.722605	1
cg21589858	0.0388929	0.58878	-1.69843	2.40E-06	0.0789502	-12.6662	0.19416	0.737636	-1.35568	0.000364528	0.282135	-3.5444	34.365	26.7105	0.690896	1
cg13219301	0.423646	0.875264	-1.14251	9.84E-06	0.212414	-4.7078	0.0159471	0.618086	-1.6179	6.85E-06	0.196679	-5.08443	43.0637	18.1282	0.374189	1
cg11268077	0.665306	0.894205	-1.11831	0.103992	0.633374	-1.57885	0.683394	1.1111	1.1111	0.00387331	0.368051	-2.71701	13.6536	14.2731	0.929217	1
cg06077670	0.969597	1.01664	1.01664	0.027731	0.32401	-3.08633	0.900205	0.94711	-1.05584	0.0478948	0.375444	-2.66351	4.45217	13.2283	2.64108	1
cg05878887	0.953249	0.966203	-1.03498	0.154742	0.409374	-2.44275	0.0422162	0.253523	-3.94442	0.516779	0.680129	-1.47031	4.07666	22.2031	4.84124	1
cg22481643	0.0360036	0.425771	-2.34868	0.00187878	0.213694	-4.67958	0.336167	1.41505	1.41505	0.0528555	0.462849	-2.16053	8.85156	17.1799	1.72524	1
cg08350549	0.116482	0.375725	-2.66152	0.000777597	0.0540355	-18.5063	0.721608	0.814377	-1.22793	0.0320636	0.236631	-4.22598	5.49478	28.6636	4.63691	1
cg17047890	0.494816	0.664554	-1.50477	0.00827741	0.136657	-7.31759	0.0660161	0.296492	-3.37277	0.157401	0.41014	-2.43819	4.22151	23.2331	4.89201	1
cg00210994	0.526691	1.1113	1.1113	0.51279	1.11541	1.11541	0.070485	0.713377	-1.40178	0.00811475	1.78463	1.78463	4.19515	1.75341	0.32508	1
cg13132965	0.00441705	0.261886	-3.81845	0.463836	1.30072	1.30072	0.0218176	0.378858	-2.63951	0.00859222	0.306698	-3.26053	3.89078	7.66232	1.75053	1
cg15372098	0.00328502	0.679142	-1.47245	0.816904	0.977848	-1.02265	0.16721	1.15283	1.15283	0.287906	1.11246	1.11246	9.60637	1.41946	0.131344	1
cg08834459	0.1451	0.793155	-1.26079	0.00197769	0.523473	-1.91032	0.132224	0.786151	-1.27202	0.0121709	0.629556	-1.58842	5.89287	2.047	0.308773	1
cg13446974	0.000218024	0.507972	-1.96861	0.000167606	0.494674	-2.02153	0.503526	0.928132	-1.07743	0.224382	0.869174	-1.15052	17.9325	3.42784	0.169913	1
cg16208959	0.0147715	0.304908	-3.27968	0.00341712	0.207014	-4.8306	0.0447888	0.401743	-2.48915	0.210376	0.593003	-1.68633	4.76643	11.8326	2.20666	1
cg20749576	0.0654472	0.472539	-2.11623	0.055993	0.456209	-2.19198	0.072169	0.483091	-2.07001	0.110131	0.53191	-1.88002	4.27552	8.89988	1.8503	1
cg08553467	0.289767	0.675375	-1.48066	0.0555881	0.460763	-2.17031	0.0627625	0.47335	-2.1126	0.146407	0.573003	-1.74519	3.74368	7.56528	1.79628	1
cg05982160	0.831005	0.948073	-1.05477	0.205753	0.716736	-1.39521	0.0483297	0.569542	-1.7558	0.978987	1.00659	1.00659	3.71029	3.65814	0.876397	1
cg24037746	0.00514854	0.540733	-1.84934	0.126683	1.31643	1.31643	0.784287	0.955365	-1.04672	0.00929348	0.577427	-1.73182	8.56703	3.75739	0.389855	1
cg12385467	0.405167	1.10471	1.10471	0.0128538	1.43508	1.43508	0.900214	0.985439	-1.01478	0.0979052	0.80872	-1.23652	49.1361	10.6394	0.192471	1
cg14458615	0.842938	1.04103	1.04103	0.0170416	1.80338	1.80338	0.494409	1.15103	1.15103	0.528961	1.13803	1.13803	9.41815	6.12958	0.578512	1
cg19119016	0.00469	0.420638	-2.37734	0.604866	0.886684	-1.1278	0.426434	0.82935	-1.20576	0.0176781	0.514346	-1.94422	8.47966	7.12987	0.747396	1
cg15770515	0.57912	0.837798	-1.19361	0.532427	1.22108	1.22108	0.632903	1.16416	1.16416	0.322093	0.723903	-1.3814	8.46375	13.3744	1.40462	1
cg14752818	0.176338	0.754397	-1.32556	0.298293	0.809463	-1.23539	0.493334	0.872496	-1.14614	0.327843	0.820346	-1.219	6.67213	4.06218	0.541181	1
cg03904711	0.18708	0.675683	-1.47998	0.00542378	0.358482	-2.78954	0.387795	0.780234	-1.28167	0.0707483	0.567736	-1.76138	4.11199	5.11865	1.1065	1
cg20182232	0.0295399	0.182865	-5.46851	0.0050808	0.0858034	-11.6546	0.0984449	0.300717	-3.32538	0.0524208	0.231662	-4.31664	3.45098	24.028	6.18905	1
cg01946824	0.0603211	1.68392	1.68392	0.110782	1.53329	1.53329	0.397153	1.23772	1.23772	0.527384	0.854261	-1.1706	13.0126	12.4706	0.851862	1
cg12389423	0.0661013	0.773283	-1.29319	0.0247709	1.3956	1.3956	0.780987	1.03537	1.03537	0.799882	0.968816	-1.03219	4.62684	1.13979	0.218972	1
cg24650229	0.177383	1.2485	1.2485	0.00874463	1.67719	1.67719	0.28812	0.843041	-1.18618	0.433919	0.883716	-1.13158	3.56752	1.35431	0.337443	1
cg08472978	0.850532	0.925515	-1.08048	0.214477	0.582516	-1.71669	2.41E-05	0.0204714	-48.8487	0.989031	1.00566	1.00566	16.7466	38.8439	2.02957	1
cg10999566	0.841493	1.01869	1.01869	0.000543987	0.608332	-1.64384	0.195737	0.881146	-1.13489	0.00415923	1.42649	1.42649	7.35182	0.995767	0.120395	1
cg10468845	0.243016	0.775239	-1.28993	0.00414693	0.448943	-2.22745	0.278627	0.790771	-1.26459	0.758993	0.937886	-1.06623	4.22716	2.90719	0.611325	1
cg02700360	0.16096	0.485618	-2.05923	0.0332951	0.301152	-3.32059	0.295756	0.592714	-1.68715	0.506847	0.722618	-1.38386	4.14119	15.2635	3.27625	1
cg23349968	0.0103789	0.35876	-2.78737	0.572256	1.19869	1.19869	0.0194326	0.407659	-2.45303	0.239825	0.676469	-1.47826	3.48912	5.57315	1.41982	1
cg02578087	0.439426	0.685853	-1.45804	3.70E-06	0.00565328	-176.889	0.268041	0.575965	-1.73622	0.00284862	0.140312	-7.12698	20.0246	72.5255	3.21939	1
cg01104466	0.065451	0.686923	-1.45577	0.014315	1.73067	1.73067	0.00137783	0.430547	-2.32263	0.00382236	0.4925	-2.03046	10.1464	5.30053	0.464361	1
cg15770125	0.0697343	0.593408	-1.68518	0.155703	0.676487	-1.47823	0.00694371	0.407078	-2.45653	0.0061079	0.39817	-2.51149	6.73679	7.06384	0.932042	1
cg06610172	0.262565	0.748105	-1.33671	0.371854	1.25582	1.25582	0.00160944	0.325061	-3.07634	0.0875241	0.62587	-1.59778	5.44315	5.3211	0.868959	1
cg09649134	1.32E-06	0.158537	-6.30769	0.0173914	0.650388	-1.53754	0.072129	0.742178	-1.34739	0.0802364	0.74955	-1.33413	21.0885	7.37021	0.310658	1
cg02219117	5.44E-05	3.09867	3.09867	0.438691	1.12612	1.12612	0.0290951	1.47221	1.47221	0.271146	1.18801	1.18801	9.87197	3.53569	0.318359	1
cg20546263	0.356542	0.904766	-1.10526	0.10548	0.829729	-1.20521	0.754339	1.03368	1.03368	0.00495207	0.675215	-1.48101	7.02615	1.23943	0.156803	1
cg20053829	0.0702095	1.30643	1.30643	0.0617781	1.32024	1.32024	0.0566799	1.32961	1.32961	0.0170605	1.46823	1.46823	5.46054	1.50833	0.245533	1
cg14775487	0.599794	1.03702	1.03702	0.423469	0.945412	-1.05774	0.152441	0.900102	-1.11098	0.907207	0.992025	-1.00804	5.24796	0.39188	0.0663758	1
cg21553189	0.00917381	0.367981	-2.71753	0.00150891	0.251253	-3.98005	0.532295	1.21062	1.21062	0.0139523	0.399504	-2.50311	4.89966	7.08479	1.28531	1
cg24874638	0.435609	0.844292	-1.18442	0.13895	0.712543	-1.40342	0.221224	1.31472	1.31472	0.0433506	0.609904	-1.6396	3.69051	2.64656	0.637445	1
cg08502511	0.418898	0.914632	-1.09334	0.000391188	1.84147	1.84147	0.185898	0.859395	-1.16361	0.553273	0.937261	-1.06694	9.55484	1.76626	0.164316	1
cg08505649	0.0501976	1.20707	1.20707	0.00119106	1.49254	1.49254	0.391534	0.928672	-1.07681	0.0701515	1.18608	1.18608	7.62995	0.85863	0.10003	1
cg15849439	0.617295	0.822306	-1.21609	0.907008	0.955633	-1.04643	0.018127	0.328107	-3.04779	0.917578	1.04102	1.04102	7.56559	18.0711	2.12319	1
cg08408303	0.152213	2.04743	2.04743	0.00632518	0.18992	-5.26537	0.211606	1.84935	1.84935	0.44572	0.695461	-1.43789	4.01869	13.8935	3.07309	1
cg18989919	0.199126	0.79894	-1.25166	4.62E-05	0.280011	-3.57128	0.0287887	0.652724	-1.53204	0.00233695	0.49512	-2.01971	20.9959	9.10178	0.385337	1
cg06018699	0.755987	0.900748	-1.11019	0.000170615	0.117319	-8.52376	0.165246	0.608752	-1.6427	0.214526	0.645209	-1.54989	5.70017	10.1516	1.58304	1
cg14981232	0.000596828	0.273412	-3.65748	0.0697776	1.64265	1.64265	0.162002	1.44114	1.44114	0.208091	1.3838	1.3838	7.12237	6.75694	0.843281	1
cg24826502	0.034292	0.485622	-2.05922	0.183512	1.51099	1.51099	0.944999	0.980021	-1.02039	0.104861	1.67939	1.67939	6.79918	9.21354	1.20453	1
cg25821399	0.336911	0.752337	-1.32919	0.750217	0.912287	-1.09615	0.0638361	1.8199	1.8199	0.689802	1.12222	1.12222	6.36182	8.32378	1.16302	1
cg00135056	0.584769	1.18173	1.18173	0.466251	1.25153	1.25153	0.0109325	2.62885	2.62885	0.708575	0.892599	-1.12032	6.00983	8.71583	1.28912	1
cg24023588	0.0518262	1.49716	1.49716	0.0129455	0.569727	-1.75523	0.105752	0.724506	-1.38025	0.00882834	1.8368	1.8368	4.94393	2.60449	0.468271	1
cg25447091	0.0255712	1.90562	1.90562	0.0254708	0.524449	-1.90676	0.338879	1.27077	1.27077	0.720189	1.09137	1.09137	4.05426	3.7939	0.831804	1
cg15685811	0.392483	0.624578	-1.60108	0.00413184	0.126662	-7.89503	0.0400513	0.279461	-3.57832	0.0987522	0.378089	-2.64488	3.64435	16.6618	4.06395	1
cg08280475	0.0039634	0.29335	-3.4089	0.612491	0.850717	-1.17548	0.0259848	0.43324	-2.30819	0.587694	0.840908	-1.18919	4.5146	6.36758	1.41044	1
cg00971891	0.82817	1.08694	1.08694	2.00E-05	0.0364529	-27.4327	0.256392	1.57511	1.57511	0.468465	1.32695	1.32695	10.4481	24.3372	2.07053	1
cg10143842	0.140474	0.382812	-2.61225	0.244136	0.478124	-2.09151	0.113885	0.352907	-2.83361	0.913091	0.936027	-1.06834	8.27259	48.0435	5.16227	1
cg08007110	0.192722	0.759839	-1.31607	0.160686	0.741911	-1.34787	0.680525	1.08598	1.08598	0.124422	1.39296	1.39296	7.57851	4.76386	0.558757	1
cg17082662	0.846036	1.05456	1.05456	0.299972	0.745648	-1.34111	0.0109805	0.418115	-2.39169	0.69415	0.897637	-1.11404	4.81315	5.69162	1.05112	1
cg19066589	0.0583739	0.259732	-3.85012	0.0204913	0.172085	-5.81107	0.0414173	0.227085	-4.40364	0.208206	0.433311	-2.30781	3.92029	24.6651	5.59258	1
cg15562197	0.71084	1.03904	1.03904	0.560744	0.941301	-1.06236	0.485207	1.07566	1.07566	0.0501058	1.25824	1.25824	5.03104	0.842677	0.148885	1
cg16913477	0.162236	0.783	-1.27714	0.167205	1.27301	1.27301	0.196214	0.799284	-1.25112	0.630005	1.08282	1.08282	11.2436	4.78579	0.378351	1
cg19991451	0.103976	0.571502	-1.74978	0.0157816	2.53673	2.53673	?	?	?	0.437366	0.779315	-1.28318	10.1032	14.0883	1.39444	1
cg09253150	0.528613	1.13098	1.13098	0.0854975	0.693161	-1.44267	0.00377257	0.470651	-2.12472	0.240416	1.26741	1.26741	9.03075	5.31666	0.523314	1
cg07893968	0.61463	0.893015	-1.1198	0.0259988	1.80208	1.80208	0.480028	1.17354	1.17354	0.779949	1.06442	1.06442	4.84614	3.81299	0.699387	1
cg01359962	0.938873	1.03152	1.03152	0.057947	0.420055	-2.38064	0.0121117	0.282053	-3.54543	0.433417	0.72363	-1.38192	4.03687	10.4694	2.30527	1
cg01853632	0.0431212	0.766145	-1.30524	0.706695	0.957647	-1.04423	0.0190193	1.38406	1.38406	0.0774521	0.798765	-1.25193	8.67604	1.80075	0.184492	1
cg02745713	0.0002028	0.352964	-2.83315	6.03E-08	0.0458759	-21.7979	0.0240312	1.56808	1.56808	2.06E-06	0.141719	-7.05622	102.268	45.2403	0.393218	1
cg01695412	0.044969	0.547076	-1.8279	0.508862	1.19205	1.19205	0.403856	0.79938	-1.25097	0.617289	1.14118	1.14118	10.1605	11.0582	0.967428	1
cg18196374	0.948088	0.976465	-1.0241	0.0241495	0.374027	-2.67361	0.00318111	0.229116	-4.36461	0.188413	0.600639	-1.66489	7.99433	16.9398	1.88354	1
cg21643138	0.460448	0.77984	-1.28231	0.233602	1.5117	1.5117	0.726971	1.12299	1.12299	0.546746	1.22361	1.22361	6.05917	10.5078	1.54151	1
cg07893474	0.0140428	0.159962	-6.2515	0.0015437	0.0637589	-15.6841	0.0158918	0.167797	-5.95957	0.0138118	0.158935	-6.29187	6.0506	35.0062	5.14273	1
cg25920535	0.0127563	0.238627	-4.19064	0.006381	0.193266	-5.1742	0.191777	0.527344	-1.8963	0.0494233	0.354045	-2.8245	4.31452	14.6529	3.01882	1
cg18004338	0.0222843	1.40334	1.40334	0.022472	0.713049	-1.40243	0.136987	0.820231	-1.21917	0.086597	0.79123	-1.26385	8.58513	2.08089	0.215452	1
cg10551804	0.237846	0.45076	-2.21847	0.064865	0.262869	-3.80418	0.174305	0.394054	-2.53772	0.0367819	0.209455	-4.7743	3.52494	23.1842	5.8464	1
cg05274741	0.867753	1.01977	1.01977	0.0638063	1.27739	1.27739	0.27058	1.14429	1.14429	0.641895	1.05657	1.05657	6.09357	1.33246	0.19437	1
cg12452106	0.0937482	0.688495	-1.45244	0.570873	0.890479	-1.12299	0.105705	0.699137	-1.43033	0.00553812	2.09217	2.09217	5.02415	3.26353	0.577395	1
cg21565017	0.392443	1.31542	1.31542	0.0115331	0.372083	-2.68757	0.652978	1.15215	1.15215	0.0717948	0.533126	-1.87573	4.3421	6.73385	1.37851	1
cg13501181	0.154285	0.876638	-1.14072	0.000197819	0.582779	-1.71592	0.00694024	1.35203	1.35203	0.0130258	1.30472	1.30472	25.1684	2.97137	0.104942	1
cg22588275	0.0949281	1.34169	1.34169	3.83E-05	0.282357	-3.54161	0.53542	1.10575	1.10575	0.0176471	0.629804	-1.5878	15.7101	6.38297	0.361152	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21633042	C3orf50	0.00473558	0.800586	0.967115	-1.034	0.000492328	0.486266	-2.05649	0.785437	1.03671	1.03671	0.646655	1.06288	1.06288	0.0039613	0.599342	-1.6685
cg07130714	C3orf50	0.00592805	0.0850669	0.67064	-1.49111	0.120064	0.701982	-1.42454	0.0113547	0.514248	-1.94459	0.117141	1.42924	1.42924	0.000864432	0.350198	-2.85553
cg18739944	C3orf50	0.0100936	0.0326945	0.647609	-1.54414	0.0234779	0.624698	-1.60077	0.0134108	0.587238	-1.70289	0.0073317	1.82383	1.82383	0.178743	0.78009	-1.2819
cg21920859	C3orf50	0.0128471	0.312525	1.32591	1.32591	0.666613	1.12416	1.12416	0.851629	1.05186	1.05186	0.965631	0.988432	-1.0117	0.0733605	1.71455	1.71455
cg14321066	C3orf50	0.0189085	0.135889	0.72554	-1.37828	0.00337041	0.451072	-2.21694	0.012355	0.536946	-1.86239	0.654426	0.913977	-1.09412	0.0182156	0.564238	-1.7723
cg05531255	C3orf50	0.019963	0.349175	1.21544	1.21544	0.0324825	1.65991	1.65991	0.0890104	1.46186	1.46186	0.295528	0.802833	-1.24559	0.75735	0.939187	-1.06475
cg20620272	C3orf50	0.0210008	0.28529	0.899165	-1.11214	0.282288	0.898521	-1.11294	0.170942	1.14985	1.14985	0.0247408	0.774114	-1.2918	0.0408189	0.797621	-1.25373
cg17936359	C3orf50	0.0443395	0.239925	1.18914	1.18914	0.491856	1.10327	1.10327	0.344983	0.87203	-1.14675	0.657524	1.06483	1.06483	0.0030606	1.76998	1.76998
cg16146432	C3orf50	0.045878	0.065416	0.631629	-1.58321	0.676306	1.09777	1.09777	0.42782	1.19704	1.19704	0.649698	0.903405	-1.10692	0.247502	0.764432	-1.30816
cg11228744	C3orf51;ERC2	2.55E-05	6.08E-06	0.183418	-5.45203	0.000125454	0.326888	-3.05915	0.168976	1.27799	1.27799	0.436296	1.14216	1.14216	4.95E-05	0.279315	-3.58019
cg18090068	C3orf51;ERC2	0.0213317	0.14025	1.72109	1.72109	0.0036363	3.84341	3.84341	0.583631	1.20853	1.20853	0.439757	1.30948	1.30948	0.950119	0.97882	-1.02164
cg04915058	C3orf51;ERC2	0.026781	0.00239299	0.479373	-2.08606	0.0224772	0.621894	-1.60799	0.0120948	0.580654	-1.7222	0.468426	0.879698	-1.13675	0.087944	0.720936	-1.38709
cg12794691	C3orf52	0.000333157	0.00688392	0.595139	-1.68028	0.912259	1.01648	1.01648	0.119052	0.778072	-1.28523	0.35803	0.869186	-1.1505	0.971503	1.00531	1.00531
cg08451978	C3orf52	0.00187408	0.0198529	0.23499	-4.2555	0.000695793	0.069631	-14.3614	0.00344529	0.129279	-7.73521	0.0371237	0.287556	-3.47759	0.00183573	0.102375	-9.76803
cg16217908	C3orf52	0.00272996	0.00578838	0.282247	-3.543	0.00100474	0.18115	-5.52028	0.00591037	0.283641	-3.52558	0.00161824	0.20572	-4.86098	0.000732336	0.165972	-6.0251
cg14042799	C3orf52	0.00356871	0.0139012	2.21227	2.21227	0.424272	1.23765	1.23765	0.300081	1.3239	1.3239	0.0149911	2.18449	2.18449	0.0174035	2.13087	2.13087
cg14975798	C3orf52	0.0102337	0.0517148	0.507223	-1.97152	0.908144	0.965919	-1.03528	0.0462269	0.496127	-2.01561	0.0349762	0.469439	-2.1302	0.00269587	0.268882	-3.7191
cg00758374	C3orf52	0.0138929	0.00239151	0.270126	-3.70197	0.116159	1.69561	1.69561	0.00849746	0.353876	-2.82585	0.859198	1.05645	1.05645	0.00654934	0.335433	-2.98122
cg06807989	C3orf52	0.0265136	0.491996	0.943605	-1.05977	0.0202779	1.2621	1.2621	0.126084	1.14759	1.14759	0.0610162	0.838941	-1.19198	0.791904	1.02224	1.02224
cg21336049	C3orf52	0.0363513	0.458001	0.934503	-1.07009	0.761213	1.0277	1.0277	0.116035	1.16545	1.16545	0.0224149	0.782552	-1.27787	0.0984925	0.85009	-1.17635
cg01397968	C3orf52;MIR567	0.000132909	0.148741	0.691366	-1.44641	0.139724	1.46042	1.46042	0.745668	0.925369	-1.08065	0.000271827	0.241171	-4.14643	0.000725033	0.293724	-3.40456
cg01814139	C3orf54	0.00892979	0.000780903	0.246352	-4.05923	0.0289119	2.03443	2.03443	0.23299	1.41173	1.41173	0.260493	0.723543	-1.38209	0.795095	0.930756	-1.0744
cg27186011	C3orf54;C3orf54	0.00181625	0.00023138	0.445476	-2.24479	0.276847	1.16142	1.16142	0.0610601	1.32219	1.32219	0.0303823	1.40033	1.40033	0.99734	0.999559	-1.00044
cg00108277	C3orf54;C3orf54	0.0499117	0.930441	0.989106	-1.01101	0.567505	1.07519	1.07519	0.0971458	1.2566	1.2566	0.0535393	1.31664	1.31664	0.0106295	0.668297	-1.49634
cg01303420	C3orf55;C3orf55;C3orf55	0.0346107	0.147831	0.624177	-1.60211	0.169871	0.641588	-1.55863	0.0642458	0.531968	-1.87981	0.0215749	0.432722	-2.31095	0.0516393	0.510493	-1.95889
cg04682135	C3orf55;C3orf55;C3orf55;C3orf55	0.0330108	0.101169	2.47872	2.47872	0.0660646	2.83691	2.83691	0.135765	2.25465	2.25465	0.586835	1.3198	1.3198	0.151427	0.459639	-2.17562
cg00301159	C3orf55;C3orf55;C3orf55;C3orf55	0.0483515	0.0476122	5.20147	5.20147	0.0143774	8.99104	8.99104	0.237108	2.4634	2.4634	0.516278	1.61452	1.61452	0.267117	0.431063	-2.31984
cg04385236	C3orf55;C3orf55;C3orf55;C3orf55;C3orf55;C3orf55;C3orf55	0.0449815	0.379346	0.727215	-1.37511	0.205615	0.623991	-1.60259	0.906463	1.04239	1.04239	0.318312	0.694681	-1.43951	0.219333	0.633667	-1.57812
cg18919097	C3orf57	0.00331562	0.935441	0.987136	-1.01303	0.0017132	2.04514	2.04514	0.00328749	1.89676	1.89676	0.0183562	1.5799	1.5799	0.0111262	0.601293	-1.66308
cg11325180	C3orf57	0.0104203	0.806756	1.05314	1.05314	0.000508728	0.317553	-3.14908	0.0793068	0.662659	-1.50907	0.785474	0.943994	-1.05933	0.238977	1.2976	1.2976
cg20481171	C3orf57	0.016806	0.403383	1.1202	1.1202	0.506462	1.09361	1.09361	0.00042187	2.09948	2.09948	0.0959153	1.27474	1.27474	0.0933352	1.27765	1.27765
cg15113916	C3orf57	0.0181016	0.647463	1.08163	1.08163	0.0122751	0.587671	-1.70163	0.0024585	0.48777	-2.05015	0.232337	0.807776	-1.23797	0.27594	0.824353	-1.21307
cg15129463	C3orf57	0.0290648	0.704405	0.952665	-1.04969	0.628577	1.06398	1.06398	0.00514557	1.60015	1.60015	0.641128	0.942025	-1.06154	0.84296	1.02556	1.02556
cg22984041	C3orf57	0.0434739	0.69563	0.95298	-1.04934	0.146576	0.82624	-1.2103	0.740373	0.960085	-1.04157	0.0381945	0.745074	-1.34215	0.849914	1.02348	1.02348
cg12789472	C3orf57	0.0485366	0.619229	0.911691	-1.09686	0.0309225	0.626487	-1.5962	0.0164532	0.582194	-1.71764	0.707414	1.07206	1.07206	0.957144	1.00997	1.00997
cg06054026	C3orf57;C3orf57	0.00122603	0.19461	0.739424	-1.3524	0.712156	0.921699	-1.08495	0.0454291	0.603597	-1.65673	0.0757693	0.64736	-1.54474	0.0120156	0.501937	-1.99228
cg07737236	C3orf57;C3orf57	0.0241766	0.220444	0.770817	-1.29732	0.00412939	2.17521	2.17521	0.0268812	1.69837	1.69837	0.195445	0.758312	-1.31872	0.557927	0.887161	-1.12719
cg21137773	C3orf58	0.000176366	0.00579568	0.816646	-1.22452	0.00432392	1.23832	1.23832	0.0739472	1.11808	1.11808	0.00123616	1.30298	1.30298	0.000557326	1.34997	1.34997
cg05063096	C3orf58	0.000271602	0.453993	1.14876	1.14876	0.346959	0.838543	-1.19255	0.455581	0.870943	-1.14818	0.820353	1.04223	1.04223	0.139549	0.748944	-1.33521
cg24825334	C3orf58	0.000529214	0.934969	1.02063	1.02063	0.000647883	3.70187	3.70187	0.0149286	2.1146	2.1146	0.781078	1.07219	1.07219	0.233627	0.73168	-1.36672
cg11418967	C3orf58	0.00828178	0.277778	1.15183	1.15183	0.48615	1.09267	1.09267	0.848349	0.976309	-1.02427	0.187879	0.839643	-1.19098	0.804018	1.03163	1.03163
cg16794633	C3orf58	0.0105751	0.0893701	0.836777	-1.19506	0.0890271	1.19534	1.19534	0.234563	1.12585	1.12585	0.162671	0.867801	-1.15234	0.331634	1.09998	1.09998
cg01302019	C3orf58	0.0310342	0.573716	0.831595	-1.20251	0.0743917	1.90578	1.90578	0.440194	0.774633	-1.29093	0.232152	0.665975	-1.50156	0.042437	0.468553	-2.13423
cg06573945	C3orf59	0.000451606	0.535089	0.922342	-1.0842	0.000339797	0.475731	-2.10203	0.00935568	0.654325	-1.52829	0.441455	0.903918	-1.1063	0.00733082	0.640902	-1.5603
cg00253200	C3orf59	0.000757206	0.0196749	1.4139	1.4139	0.0115117	1.47476	1.47476	6.54E-05	2.46178	2.46178	0.0263925	0.723515	-1.38214	0.0807747	0.78818	-1.26875
cg25714392	C3orf59	0.00132199	3.32E-05	0.285914	-3.49756	0.0752236	1.36068	1.36068	0.293665	1.18454	1.18454	0.0186236	1.55812	1.55812	0.855035	1.02884	1.02884
cg15159069	C3orf59	0.00197677	0.570212	0.781501	-1.27959	0.323842	1.54933	1.54933	0.320328	1.55461	1.55461	0.646239	0.819893	-1.21967	2.25E-05	0.0259621	-38.5177
cg24967553	C3orf59	0.0105459	0.773635	0.947872	-1.05499	0.0266573	0.614094	-1.62841	0.00379652	0.484412	-2.06436	0.221053	0.787566	-1.26973	0.36379	1.18917	1.18917
cg27301231	C3orf59	0.0311331	0.0443985	0.601809	-1.66166	0.406803	0.829739	-1.2052	0.130051	0.697908	-1.43285	0.989578	1.00288	1.00288	0.000562732	0.308516	-3.24133
cg20970886	C3orf59	0.0344633	0.0559774	0.560089	-1.78543	0.764699	0.922773	-1.08369	0.00391322	0.353533	-2.82859	0.0113849	0.428199	-2.33536	0.530205	1.1856	1.1856
cg07933199	C3orf59;C3orf59	0.0218505	0.870122	0.974616	-1.02605	0.396189	0.872383	-1.14629	0.463778	1.12432	1.12432	0.00864897	0.59098	-1.69211	0.439743	0.883541	-1.13181
cg21548152	C3orf62	0.00174398	0.942898	0.976799	-1.02375	0.0135479	0.367413	-2.72174	0.00462843	0.290956	-3.43695	0.00633014	0.311946	-3.20568	0.00039507	0.157363	-6.35474
cg14818413	C3orf63	0.000218258	0.00310037	4.8198	4.8198	0.00010814	14.1862	14.1862	0.00306639	4.83443	4.83443	0.0153508	3.17848	3.17848	0.000655633	0.131403	-7.61016
cg24949907	C3orf63	0.000603608	0.422148	0.838254	-1.19296	0.907479	0.975293	-1.02533	0.4511	1.17965	1.17965	7.83E-05	0.214948	-4.65229	4.23E-05	0.187165	-5.34288
cg21093807	C3orf63	0.000657064	0.0160749	2.22181	2.22181	0.00139465	3.50736	3.50736	0.0102197	2.40473	2.40473	0.0155343	2.23499	2.23499	0.000486686	0.227299	-4.3995
cg10908188	C3orf63	0.00709196	0.683256	1.11209	1.11209	0.476758	0.829145	-1.20606	0.727871	1.09468	1.09468	0.390009	0.796034	-1.25623	0.000131985	0.179515	-5.57056
cg26964875	C3orf63	0.0105787	0.00157028	0.0924838	-10.8127	0.0228088	0.239737	-4.17124	0.0129161	0.198329	-5.04214	0.427953	1.52844	1.52844	0.0710402	0.347441	-2.87819
cg13906954	C3orf63	0.0133832	0.678623	1.10995	1.10995	0.00358944	0.372579	-2.684	0.00824487	0.429159	-2.33014	0.758595	1.08023	1.08023	0.445992	1.21469	1.21469
cg11215621	C3orf63	0.0381639	0.303887	1.24635	1.24635	0.663927	0.913554	-1.09463	0.100823	1.45016	1.45016	0.0023204	0.414871	-2.41039	0.855611	0.96303	-1.03839
cg24617370	C3orf63	0.0461155	0.455921	0.902303	-1.10828	0.342921	1.14143	1.14143	0.0218507	1.45137	1.45137	0.306533	0.866476	-1.1541	0.615759	1.07091	1.07091
ch.3.1245645R	C3orf63;C3orf63	0.0367264	0.0314067	0.39429	-2.53621	0.619588	1.20263	1.20263	0.443262	1.33404	1.33404	0.00167529	0.190778	-5.2417	0.552082	0.801074	-1.24832
cg02771843	C3orf64	0.000303361	0.0560348	0.768881	-1.30059	0.0311572	0.735557	-1.35951	0.0809363	1.26491	1.26491	0.00807997	1.50974	1.50974	0.0103268	0.675451	-1.48049
cg07805724	C3orf64	0.00853959	0.0492814	0.568967	-1.75757	0.449226	1.21383	1.21383	0.164641	1.45146	1.45146	0.0106615	0.446294	-2.24068	0.842836	1.05115	1.05115
cg14870461	C3orf64	0.0147708	0.0356356	0.401344	-2.49163	0.0163342	2.99212	2.99212	0.972014	0.986989	-1.01318	0.0358692	0.401954	-2.48785	0.0242907	0.367025	-2.72461
cg26719755	C3orf64	0.0155561	0.0343781	0.80776	-1.23799	0.022057	1.2681	1.2681	0.0125589	0.764489	-1.30806	0.10444	1.16596	1.16596	0.025105	1.2592	1.2592
cg09221314	C3orf64	0.025596	0.241279	1.25657	1.25657	0.844038	1.03735	1.03735	0.785541	1.05209	1.05209	0.0344423	0.631746	-1.58292	0.401706	0.852313	-1.17328
cg00084131	C3orf64	0.027633	0.0860695	0.637801	-1.56789	0.0134165	0.483852	-2.06675	0.00140268	0.333877	-2.99512	0.0429908	0.575684	-1.73706	0.253492	0.753693	-1.3268
cg11369206	C3orf64	0.0311061	0.0232591	0.27471	-3.6402	0.123596	2.21341	2.21341	0.244667	0.560025	-1.78564	0.366741	0.642927	-1.55539	0.0195784	0.260857	-3.83352
cg07257628	C3orf64	0.0393881	0.450735	1.26143	1.26143	0.83743	1.06406	1.06406	0.844587	0.94241	-1.06111	0.00724341	2.84947	2.84947	0.696435	1.1258	1.1258
cg21222826	C3orf64;C3orf64	0.0494668	0.13184	0.78219	-1.27846	0.382891	1.14471	1.14471	0.223382	1.21315	1.21315	0.0973318	1.31626	1.31626	0.719138	1.05606	1.05606
cg13916298	C3orf66	0.00315271	6.30E-05	0.0622819	-16.056	0.335088	1.45443	1.45443	0.831488	1.08362	1.08362	0.10193	0.50932	-1.9634	0.018602	0.341211	-2.93074
cg03040441	C3orf66	0.00729707	0.00120852	0.131585	-7.59967	0.00854998	0.237991	-4.20184	0.152572	0.519128	-1.92631	0.249867	0.597773	-1.67288	0.00160648	0.144286	-6.93068
cg19103398	C3orf67	0.000651626	0.0994689	0.519409	-1.92526	0.612607	1.20351	1.20351	0.00156405	0.192312	-5.19987	0.168563	0.58729	-1.70274	2.97E-05	0.0514392	-19.4404
cg20926120	C3orf67	0.00411101	0.0544223	0.719143	-1.39054	0.0119054	0.6224	-1.60668	0.0632076	0.729319	-1.37114	0.0371966	0.693916	-1.4411	0.0328447	0.685843	-1.45806
cg06028917	C3orf67	0.00599876	0.319122	1.4288	1.4288	0.137588	0.574533	-1.74055	0.843869	1.07073	1.07073	0.0402299	2.27371	2.27371	0.00503709	0.276471	-3.61701
cg15028458	C3orf67	0.0210012	0.17638	0.552422	-1.81021	0.246308	0.60617	-1.6497	0.0169402	0.300419	-3.32868	0.00164373	0.155513	-6.43033	0.0790914	0.447099	-2.23664
cg16696536	C3orf67	0.0234027	0.300505	0.494415	-2.02259	0.649259	1.35069	1.35069	0.330211	1.93417	1.93417	0.167341	0.38046	-2.6284	?	?	?
cg18015428	C3orf67	0.0404652	0.0859455	1.42443	1.42443	0.337276	0.831576	-1.20254	0.332888	0.830091	-1.20469	0.523767	1.12801	1.12801	0.796992	0.953078	-1.04923
cg11845045	C3orf67	0.0458513	0.01522	1.53379	1.53379	0.0964972	0.769627	-1.29933	0.508423	0.908223	-1.10105	0.998577	1.00026	1.00026	0.255996	0.843542	-1.18548
cg19830192	C3orf67;C3orf67	0.000134928	0.420876	0.90265	-1.10785	0.875609	1.0197	1.0197	0.740993	0.959526	-1.04218	0.108934	1.24327	1.24327	0.000587426	1.93783	1.93783
cg12140665	C3orf70	0.00142315	0.00104446	0.311249	-3.21286	0.00319949	0.379838	-2.6327	0.0363918	0.55706	-1.79514	0.0788471	0.625365	-1.59907	0.00055387	0.275486	-3.62995
cg08970083	C3orf70	0.0106922	0.00057984	0.186452	-5.36331	0.120156	1.7024	1.7024	0.191628	1.54691	1.54691	0.976754	0.990847	-1.00924	0.181531	1.56454	1.56454
cg03758392	C3orf70	0.011696	0.198786	0.842019	-1.18762	0.673479	1.05513	1.05513	0.376827	0.891511	-1.12169	0.564614	0.928917	-1.07652	0.472376	1.09698	1.09698
cg20279351	C3orf70	0.0185736	0.109241	0.631479	-1.58359	0.506402	1.19417	1.19417	0.500725	0.835355	-1.1971	0.884515	1.039	1.039	0.000671567	0.254268	-3.93286
cg07738503	C3orf70	0.0216837	0.339585	1.31448	1.31448	0.762604	0.919282	-1.08781	0.613203	1.15213	1.15213	0.469653	1.22674	1.22674	0.0936567	1.66893	1.66893
cg24332767	C3orf70	0.037897	0.584025	0.932688	-1.07217	0.000801321	1.89231	1.89231	0.141455	1.22052	1.22052	0.0792838	1.27829	1.27829	0.403307	1.11381	1.11381
cg14688588	C3orf70;C3orf70	0.00108738	0.0923462	0.847499	-1.17994	0.000214704	0.575837	-1.7366	0.00153829	0.665625	-1.50235	0.92693	1.00823	1.00823	0.392462	0.924732	-1.08139
cg15550036	C3orf71;ARIH2	0.00357169	0.0605324	0.821571	-1.21718	0.743803	1.03092	1.03092	0.35911	1.09152	1.09152	0.112935	0.851951	-1.17378	0.00240834	1.48077	1.48077
cg01974004	C3orf71;ARIH2	0.0174947	0.116425	0.76473	-1.30765	0.887208	0.977933	-1.02257	0.676683	1.06816	1.06816	0.250562	1.20777	1.20777	0.999898	0.99998	-1.00002
cg24851181	C3orf72	0.000689897	0.00276646	0.207042	-4.82994	0.000953472	0.152825	-6.54342	0.00169628	0.180725	-5.53327	0.0124652	0.305368	-3.27474	0.00126858	0.16625	-6.01505
cg09373597	C3orf72	0.00206348	0.297862	0.733361	-1.36358	0.683153	0.888759	-1.12516	0.00318623	0.314324	-3.18143	0.371887	0.768388	-1.30143	0.762093	0.916446	-1.09117
cg11152347	C3orf72	0.00238729	0.0527399	0.758352	-1.31865	0.00222292	1.71311	1.71311	0.00156093	0.56492	-1.77016	0.676935	0.948725	-1.05405	0.192807	0.841018	-1.18904
cg11930722	C3orf72	0.0165676	0.112836	0.558316	-1.7911	0.00559323	0.29268	-3.41671	0.0495278	0.46918	-2.13138	0.0294181	0.420545	-2.37787	0.219984	0.646921	-1.54578
cg19851029	C3orf72	0.0297052	0.0670493	0.672584	-1.4868	0.35958	1.19963	1.19963	0.653167	0.916309	-1.09133	0.0469841	0.644469	-1.55167	0.0972844	0.703555	-1.42135
cg06186698	C3orf72;FOXL2;C3orf72	0.0142455	0.0285562	0.248006	-4.03216	0.82081	1.13025	1.13025	0.616332	1.31342	1.31342	0.0342696	0.263711	-3.79203	0.115847	0.397572	-2.51527
cg01379240	C3orf72;FOXL2;C3orf72	0.0359699	0.0276037	0.177081	-5.64713	0.29998	0.489758	-2.04182	0.515838	1.5494	1.5494	0.0670849	0.255638	-3.91178	0.0236848	0.166137	-6.01913
cg22116457	C3orf74	0.00515434	0.000733061	0.186806	-5.35315	0.321985	0.715712	-1.39721	0.0528135	0.486962	-2.05355	0.109632	0.565413	-1.76862	0.000345788	0.152256	-6.56789
cg06158985	C3orf74	0.0111883	0.00714141	0.459365	-2.17692	0.0225457	0.542442	-1.84351	0.00861268	0.47231	-2.11725	0.375113	0.815604	-1.22609	0.00583939	0.445685	-2.24374
cg24277586	C3orf74	0.0226931	0.521735	0.82764	-1.20825	0.052282	1.90228	1.90228	0.0119671	0.401143	-2.49287	0.145929	0.634591	-1.57582	0.00654389	0.357316	-2.79864
cg19930721	C3orf75	0.000989068	0.000569318	0.0470264	-21.2646	0.377933	1.67897	1.67897	?	?	?	0.217779	0.47586	-2.10146	0.0148786	0.179834	-5.5607
cg02823728	C3orf75	0.00156389	0.632319	1.13633	1.13633	0.841683	1.05445	1.05445	0.581281	0.862703	-1.15915	0.549123	0.851538	-1.17435	0.00851614	0.410586	-2.43554
cg24026974	C3orf75	0.00885148	0.0586595	0.791296	-1.26375	0.193173	1.1629	1.1629	0.000178963	2.00471	2.00471	0.7874	0.970809	-1.03007	0.867235	0.98183	-1.01851
cg03629458	C3orf75	0.0407801	0.915064	0.944403	-1.05887	0.373055	0.612442	-1.63281	0.467398	0.672682	-1.48659	0.363224	1.65041	1.65041	0.0209633	0.225531	-4.43398
cg21634104	C3orf75	0.0490379	0.787086	0.964649	-1.03665	0.0021506	1.77336	1.77336	0.0328943	1.39338	1.39338	0.154908	1.22431	1.22431	0.582779	1.07654	1.07654
cg20524216	C3orf75;C3orf75	0.00926792	0.209707	1.1219	1.1219	0.878797	1.01337	1.01337	0.149642	1.14386	1.14386	0.420033	1.07431	1.07431	0.153093	1.14239	1.14239
cg07612986	C3orf77	0.000200451	0.579643	0.912111	-1.09636	0.127175	0.762442	-1.31157	0.144675	0.772912	-1.29381	0.00940893	0.582005	-1.7182	5.13E-06	0.181912	-5.49715
cg27266250	C3orf77	0.00044526	0.492602	1.08899	1.08899	0.00623703	1.54668	1.54668	4.39E-05	0.387544	-2.58035	0.562088	1.07434	1.07434	0.017738	1.42296	1.42296
cg22583147	C3orf77	0.00107492	0.0198468	0.364452	-2.74385	0.195125	0.6115	-1.63532	0.000439506	0.13629	-7.33727	0.000729808	0.158311	-6.3167	0.0146062	0.339813	-2.94279
cg02904285	C3orf77	0.0050523	0.972889	1.00924	1.00924	0.0423727	1.88212	1.88212	0.98965	1.00352	1.00352	0.556409	0.851359	-1.17459	0.000188917	0.182115	-5.49104
cg11555926	C3orf77	0.0214394	0.117178	0.809048	-1.23602	0.348832	0.886844	-1.12759	0.278584	0.869121	-1.15059	0.751912	0.961283	-1.04028	0.342456	1.12951	1.12951
cg05955559	C3orf77	0.023266	0.961669	0.993007	-1.00704	0.00550298	0.586917	-1.70382	0.431385	0.889355	-1.12441	0.776289	1.04248	1.04248	0.259181	1.18754	1.18754
cg04586237	C3orf77;C3orf77	0.00258285	0.444659	1.12345	1.12345	0.00439409	0.566584	-1.76496	0.000286529	0.412904	-2.42187	0.835814	0.969475	-1.03149	0.174239	1.24099	1.24099
cg02365517	C3orf79	0.00124702	0.153111	0.778675	-1.28423	0.119941	1.31765	1.31765	0.0265815	0.650649	-1.53693	0.000289159	0.380258	-2.62979	0.568733	0.910113	-1.09876
cg00731062	C3orf79	0.00705308	0.00506796	0.115231	-8.67822	0.356456	0.575166	-1.73863	0.0398312	0.250141	-3.99774	0.177914	0.433944	-2.30444	0.0162095	0.179986	-5.55599
cg21535976	C4A;C4B	0.00459362	0.39106	1.24245	1.24245	0.0413722	0.559241	-1.78814	0.258321	0.747248	-1.33824	0.254227	0.745203	-1.34192	0.000657947	0.275481	-3.63001
cg10093328	C4A;C4B	0.0334701	0.0420766	0.349529	-2.861	0.0401037	0.34488	-2.89956	0.0396813	0.343862	-2.90814	0.0136841	0.254512	-3.92909	0.00965478	0.229957	-4.34865
cg13197078	C4B;C4A	0.00216705	0.781587	0.967352	-1.03375	0.000257255	0.487445	-2.05151	0.565613	1.07182	1.07182	0.0972455	0.804643	-1.24279	0.258779	0.868736	-1.1511
cg19699291	C4B;C4A	0.00518893	0.0788663	1.33272	1.33272	0.698777	0.944372	-1.0589	0.000658897	0.463938	-2.15546	0.689443	1.06091	1.06091	0.0351277	0.696797	-1.43514
cg21808937	C4B;C4A	0.0162422	0.249704	0.736842	-1.35714	0.00443205	0.381382	-2.62204	0.0289561	0.520143	-1.92255	0.06414	0.589728	-1.6957	0.00302942	0.3565	-2.80505
cg02301031	C4B;C4A	0.0171679	0.238844	0.680742	-1.46899	0.00326645	0.286492	-3.4905	0.0112955	0.371898	-2.68891	0.00342368	0.28946	-3.45471	0.0391442	0.47513	-2.10469
cg13028630	C4B;C4A	0.0249741	0.0239565	0.318717	-3.13758	0.036893	0.35738	-2.79814	0.0465938	0.380077	-2.63105	0.0113883	0.260634	-3.8368	0.00760705	0.232939	-4.29296
cg26044340	C4BPA	3.81E-05	0.42589	0.890201	-1.12334	0.000413825	0.448619	-2.22906	0.00282057	0.555175	-1.80123	0.732716	1.05026	1.05026	9.91E-07	0.158777	-6.29813
cg14856606	C4BPA	0.00179414	0.678353	1.26002	1.26002	0.00164709	0.0823133	-12.1487	0.00147982	0.0787344	-12.7009	0.0433402	0.275849	-3.62517	0.000297399	0.0382518	-26.1426
cg11070419	C4BPA	0.0203724	0.012454	0.133958	-7.46503	0.0108223	0.126308	-7.91716	0.0322377	0.19766	-5.05918	0.0289062	0.18915	-5.2868	0.0101056	0.122716	-8.14893
cg22332276	C4BPA	0.0270459	0.00115869	0.303344	-3.29659	0.221569	1.37874	1.37874	0.265168	0.74806	-1.33679	0.34523	0.784268	-1.27507	0.836229	1.0531	1.0531
cg22491058	C4BPA	0.0331924	0.722435	0.879097	-1.13753	0.816081	0.919268	-1.08782	0.00428503	0.251489	-3.97632	0.184507	0.601373	-1.66286	0.00462162	0.256264	-3.90223
cg10175155	C4BPA	0.0407351	0.048798	0.263266	-3.79844	0.296159	0.525984	-1.9012	0.0132612	0.161964	-6.17423	0.0609255	0.2857	-3.50017	0.0101276	0.146026	-6.84807
cg26430305	C4BPA	0.0409948	0.0472201	0.170303	-5.8719	0.0214213	0.115918	-8.6268	0.0234415	0.121159	-8.25358	0.035887	0.149101	-6.70687	0.0300322	0.13674	-7.31313
cg14740771	C4BPB;C4BPB;C4BPB;C4BPB;C4BPB	0.00192394	0.772697	1.09495	1.09495	0.46993	0.794335	-1.25892	0.00841909	0.348543	-2.86909	0.000160785	0.132811	-7.52952	0.000201818	0.14184	-7.05022
cg19707677	C4BPB;C4BPB;C4BPB;C4BPB;C4BPB	0.0142862	0.0331433	0.311919	-3.20596	0.0274019	0.295064	-3.3891	0.00711247	0.196645	-5.0853	0.159233	0.494761	-2.02118	0.00393366	0.162872	-6.1398
cg21571160	C4BPB;C4BPB;C4BPB;C4BPB;C4BPB	0.0215835	0.00953993	0.25861	-3.86683	0.136657	0.516569	-1.93585	0.0746297	0.441265	-2.26621	0.702293	0.853672	-1.17141	0.00107599	0.136769	-7.31162
cg09633129	C4orf10;MFSD10;MFSD10	1.43E-05	0.45411	1.09433	1.09433	0.00297738	1.61894	1.61894	0.000100411	2.25992	2.25992	0.00151003	1.71661	1.71661	0.000251836	0.489917	-2.04116
cg00771026	C4orf10;MFSD10;MFSD10	0.000367107	0.38603	1.22168	1.22168	0.585642	0.883349	-1.13206	0.208241	0.741605	-1.34843	0.0511814	0.606331	-1.64926	5.96E-06	0.10133	-9.86876
cg22930642	C4orf10;MFSD10;MFSD10	0.00598012	0.521307	1.0995	1.0995	0.632558	1.07282	1.07282	0.239383	0.83546	-1.19695	0.00653294	0.597132	-1.67467	0.771203	0.958346	-1.04346
cg14233074	C4orf10;MFSD10;MFSD10	0.00771242	0.553988	1.13531	1.13531	0.253542	0.77663	-1.28761	0.275775	1.2717	1.2717	0.319343	0.803992	-1.24379	0.438037	1.18258	1.18258
cg11864499	C4orf10;MFSD10;MFSD10	0.00993998	0.497823	1.14522	1.14522	0.938052	0.984802	-1.01543	0.912345	0.978538	-1.02193	0.511531	0.877059	-1.14017	0.723678	1.07244	1.07244
cg05209463	C4orf10;MFSD10;MFSD10;MFSD10	0.0449695	0.411743	0.883887	-1.13137	0.971081	1.00535	1.00535	0.722237	0.948864	-1.05389	0.146722	0.795285	-1.25741	0.114465	0.77688	-1.2872
cg27217555	C4orf10;NOP14	0.0146964	0.570162	1.12694	1.12694	0.0175112	0.547622	-1.82608	0.311453	0.804066	-1.24368	0.840003	0.958777	-1.043	0.000832396	0.350779	-2.8508
cg00622170	C4orf10;NOP14	0.0474349	0.317906	0.594846	-1.68111	0.0354824	3.42755	3.42755	0.489593	1.42358	1.42358	0.438421	0.671875	-1.48837	0.0178162	0.234706	-4.26064
cg18102697	C4orf11;C4orf11	0.0190521	0.0135371	0.609518	-1.64064	0.397508	0.869055	-1.15068	0.458254	1.13016	1.13016	0.716417	0.942612	-1.06088	0.0530156	0.700333	-1.42789
cg16732415	C4orf11;C4orf11	0.0326332	0.28474	1.32841	1.32841	0.00899829	0.427919	-2.33689	0.0112269	0.444014	-2.25218	0.704653	0.907261	-1.10222	0.85711	1.04714	1.04714

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21633042	0.644555	1.0633	1.0633	0.0838791	0.776692	-1.28751	0.0241893	1.42627	1.42627	0.0332527	0.719807	-1.38926	7.46114	2.06245	0.245711	1
cg07130714	0.295446	1.25566	1.25566	0.059476	1.56261	1.56261	0.0704252	1.52851	1.52851	0.494112	0.864416	-1.15685	6.96504	4.85675	0.619825	1
cg18739944	0.507962	0.889799	-1.12385	0.0212888	1.61801	1.61801	0.85744	0.969224	-1.03175	0.247571	0.81045	-1.23388	5.89302	2.82077	0.425478	1
cg21920859	0.821563	0.940824	-1.0629	0.000257682	0.197046	-5.07496	0.853629	0.951353	-1.05113	0.437243	0.807354	-1.23861	5.45117	6.29528	1.02653	1
cg14321066	0.0914079	1.44936	1.44936	0.426425	0.850332	-1.17601	0.109064	0.705486	-1.41746	0.045901	0.633297	-1.57904	4.79488	3.02676	0.561109	1
cg05531255	0.167311	0.742299	-1.34717	0.00230682	0.422284	-2.36807	0.0649114	0.657281	-1.52142	0.570995	0.89055	-1.1229	4.70752	3.05565	0.576977	1
cg20620272	0.105667	0.844276	-1.18445	0.0278945	0.779706	-1.28254	0.409682	1.0841	1.0841	0.013113	1.34264	1.34264	4.62697	0.672143	0.129126	1
cg17936359	0.549212	1.08906	1.08906	0.00684896	1.63726	1.63726	0.728929	1.0502	1.0502	0.236535	1.19077	1.19077	3.54508	1.11273	0.279005	1
cg16146432	0.0127738	0.502962	-1.98822	0.0101481	2.05524	2.05524	0.854213	0.959959	-1.04171	0.619858	0.894853	-1.1175	3.50008	2.73609	0.694864	1
cg11228744	0.00041159	0.391157	-2.55652	0.0437771	1.47388	1.47388	0.0863431	1.37316	1.37316	0.00013122	0.329251	-3.0372	31.7946	14.106	0.394365	1
cg18090068	0.0153693	2.76737	2.76737	0.00878894	3.13243	3.13243	0.111297	0.552356	-1.81043	0.84186	0.933928	-1.07075	4.60232	8.53497	1.64844	1
cg04915058	0.935561	1.01415	1.01415	0.904603	0.979383	-1.02105	0.192291	0.786792	-1.27098	0.0280832	0.63717	-1.56944	4.25379	2.03388	0.425008	1
cg12794691	0.791932	1.04	1.04	1.61E-05	0.267421	-3.73942	8.01E-05	0.347718	-2.87589	0.513147	1.10337	1.10337	15.9842	5.56974	0.309735	1
cg08451978	0.117075	0.416127	-2.40311	0.000298736	0.0482841	-20.7108	0.00614351	0.158633	-6.30387	0.0153896	0.216202	-4.62531	9.82606	41.2763	3.73395	1
cg16217908	0.0530128	0.463314	-2.15836	0.1159	0.549945	-1.81836	0.117819	0.55196	-1.81173	0.00600338	0.284688	-3.51261	8.80065	17.0652	1.72363	1
cg14042799	0.0118243	2.27337	2.27337	0.000153092	5.45265	5.45265	?	?	?	0.0236033	2.02634	2.02634	8.30528	7.98191	0.961065	1
cg14975798	0.0157084	0.398958	-2.50653	0.000693906	0.188508	-5.3048	0.506019	0.816148	-1.22527	0.104502	0.582455	-1.71687	6.66475	9.32494	1.08822	1
cg00758374	0.151731	0.621909	-1.60795	0.239277	0.683094	-1.46393	0.217648	0.669588	-1.49346	0.955113	1.01756	1.01756	5.31327	8.04838	1.34646	1
cg06807989	0.0334976	0.813337	-1.2295	0.0145829	0.778634	-1.2843	0.312035	1.09088	1.09088	0.401144	1.07409	1.07409	4.26877	0.467723	0.0973943	1
cg21336049	0.0888914	0.845187	-1.18317	0.141092	0.867725	-1.15244	0.457433	1.07018	1.07018	0.0164252	1.30061	1.30061	3.81435	0.485371	0.11311	1
cg01397968	0.19886	0.72357	-1.38204	4.52E-06	0.0811188	-12.3276	0.00329795	0.385196	-2.59608	0.00561415	0.420424	-2.37855	20.5142	18.4529	0.799572	1
cg01814139	0.397724	1.26966	1.26966	0.0106901	0.412842	-2.42224	0.243291	0.714171	-1.40022	0.538434	1.18737	1.18737	6.12758	7.37761	1.07022	1
cg27186011	0.0239253	1.42831	1.42831	0.118814	0.799315	-1.25107	0.00371716	1.67957	1.67957	0.13971	1.234	1.234	9.9159	2.74909	0.246436	1
cg00108277	0.710691	0.954331	-1.04785	0.205094	1.18263	1.18263	0.0328412	1.36778	1.36778	0.476847	1.09499	1.09499	3.39041	0.845192	0.22159	1
cg01303420	0.0143794	0.400157	-2.49902	0.00427836	0.313467	-3.19013	0.028999	0.457792	-2.1844	0.151794	0.627437	-1.59379	3.88281	5.6664	1.29721	1
cg04682135	0.487124	1.42909	1.42909	0.0157247	4.4679	4.4679	0.00557684	6.30251	6.30251	0.0342012	3.48905	3.48905	3.94959	15.997	3.60026	1
cg00301159	0.785279	0.819735	-1.21991	0.0239811	7.10032	7.10032	0.026057	6.83621	6.83621	0.0841558	4.01807	4.01807	3.43149	28.7925	7.45837	1
cg04385236	0.310514	0.690302	-1.44864	0.307267	0.688461	-1.45252	0.00216917	4.57137	4.57137	0.368895	1.38535	1.38535	3.52607	6.96663	1.75622	1
cg18919097	0.158013	0.785654	-1.27283	0.0356536	0.676515	-1.47816	0.857324	0.971648	-1.02918	0.169735	1.26334	1.26334	8.30708	3.36072	0.35961	1
cg11325180	0.0473286	1.61503	1.61503	0.125189	1.41992	1.41992	0.757377	0.936636	-1.06765	0.149933	0.721758	-1.38551	5.83317	4.12266	0.628232	1
cg20481171	0.750787	0.958585	-1.0432	0.424463	1.11436	1.11436	0.10017	0.787327	-1.27012	0.800796	1.03413	1.03413	4.98859	1.39224	0.248076	1
cg15113916	0.162444	0.775558	-1.28939	0.0725439	1.40703	1.40703	0.311358	1.19543	1.19543	0.0597683	0.696258	-1.43625	4.86591	2.23853	0.408927	1
cg15129463	0.35162	0.885187	-1.1297	0.00387223	0.609575	-1.64049	0.32569	1.13781	1.13781	0.769418	0.963294	-1.0381	4.13297	1.05948	0.227865	1
cg22984041	0.0114297	1.47361	1.47361	0.0347754	0.739768	-1.35178	0.129129	1.22246	1.22246	0.573905	0.93277	-1.07208	3.57125	0.848667	0.211234	1
cg12789472	0.574875	1.11025	1.11025	0.0149206	1.73754	1.73754	0.898925	1.02373	1.02373	0.187538	0.772776	-1.29404	3.42653	1.84831	0.479477	1
cg06054026	0.0803122	0.652564	-1.53242	2.91E-05	0.164546	-6.07733	0.839198	1.04572	1.04572	0.0235461	1.81309	1.81309	11.1035	8.51268	0.68148	1
cg07737236	0.0315223	0.600759	-1.66456	0.358826	0.826426	-1.21003	0.398648	0.839791	-1.19077	0.738006	0.934419	-1.07018	4.40819	2.85029	0.574747	1
cg21137773	0.00185373	1.28095	1.28095	0.000195038	0.703846	-1.42077	0.00413481	1.24047	1.24047	0.149364	1.0905	1.0905	19.0076	0.945423	0.0442127	1
cg05063096	5.02E-06	0.151043	-6.62065	0.000379086	0.356129	-2.80797	0.0369037	0.643588	-1.55379	0.530047	1.12262	1.12262	16.9035	8.85068	0.465423	1
cg24825334	0.0153369	2.10549	2.10549	0.710281	1.09785	1.09785	4.27E-05	0.142823	-7.00168	0.94026	0.981423	-1.01893	14.067	13.9447	0.881162	1
cg11418967	0.604656	1.0676	1.0676	0.000134778	0.436873	-2.28899	0.151558	0.824945	-1.2122	0.723687	1.04546	1.04546	6.27534	1.55896	0.220823	1
cg16794633	0.0293589	0.783373	-1.27653	0.0065725	1.39906	1.39906	0.619715	1.04874	1.04874	0.00385832	1.44829	1.44829	5.80562	0.832209	0.127418	1
cg01302019	0.0500806	0.484448	-2.06421	0.00515178	0.301667	-3.31492	0.0413038	0.466004	-2.14591	0.0587177	0.500231	-1.99908	4.03784	6.73013	1.48157	1
cg06573945	0.0270341	0.713972	-1.40061	0.0212457	0.7002	-1.42816	0.00135411	1.82001	1.82001	0.0010025	1.87497	1.87497	14.6993	3.8559	0.233173	1
cg00253200	0.00141437	1.76457	1.76457	0.227931	0.855932	-1.16832	0.411202	1.10881	1.10881	0.132245	1.22102	1.22102	12.7273	3.04558	0.212707	1
cg25714392	0.104462	0.758869	-1.31775	0.138178	0.780218	-1.28169	0.974349	1.00501	1.00501	0.316208	0.851202	-1.17481	10.8667	4.16005	0.340289	1
cg15159069	0.737116	1.15576	1.15576	0.0932742	0.452356	-2.21065	0.712172	0.852802	-1.17261	0.996268	0.997992	-1.00201	9.67477	28.2899	2.59919	1
cg24967553	0.161581	1.31982	1.31982	0.00287561	2.14069	2.14069	0.502235	1.13475	1.13475	0.927325	0.983207	-1.01708	5.81079	3.17149	0.48515	1
cg27301231	0.726907	0.925781	-1.08017	0.973063	1.00745	1.00745	0.368883	0.816291	-1.22505	0.489326	0.856865	-1.16705	4.03326	3.09011	0.681028	1
cg20970886	0.550864	0.8508	-1.17536	0.0571976	0.562102	-1.77904	0.662214	0.888965	-1.1249	0.0385751	0.526461	-1.89948	3.8888	4.41535	1.00925	1
cg07933199	0.998234	1.00035	1.00035	0.00261379	0.519461	-1.92507	0.093358	1.33644	1.33644	0.155854	1.26945	1.26945	4.5646	1.78494	0.34759	1
cg21548152	0.00180387	0.233535	-4.28201	0.00134983	0.217491	-4.59789	0.299716	1.42217	1.42217	0.174482	0.62292	-1.60534	10.0333	17.0639	1.51176	1
cg14818413	0.00203912	5.41896	5.41896	0.0147633	3.20946	3.20946	0.000735978	7.3393	7.3393	0.00643632	3.96407	3.96407	17.9407	42.919	2.12646	1
cg24949907	0.0591208	0.632206	-1.58176	0.372403	0.821148	-1.21781	0.351189	1.22932	1.22932	0.872074	1.03528	1.03528	13.5612	9.94453	0.65183	1
cg21093807	0.00380339	2.87975	2.87975	0.0186104	2.16646	2.16646	0.00172547	3.35898	3.35898	0.70998	1.10653	1.10653	13.2435	15.4021	1.03377	1
cg10908188	0.166806	1.4648	1.4648	0.159863	1.47539	1.47539	0.567616	1.16138	1.16138	0.533101	1.1776	1.1776	6.58824	6.99778	0.944144	1
cg26964875	0.72781	1.20101	1.20101	0.00782271	0.167046	-5.98637	0.826368	0.891219	-1.12206	0.0252921	0.248035	-4.0317	5.805	25.2644	3.8686	1
cg13906954	0.340762	1.27862	1.27862	0.00883164	2.30385	2.30385	0.886843	0.964981	-1.03629	0.250542	0.740379	-1.35066	5.37881	5.33942	0.88238	1
cg11215621	0.120737	0.706083	-1.41626	0.52971	0.876633	-1.14073	0.519847	1.14445	1.14445	0.147406	1.37919	1.37919	3.74723	2.53836	0.602129	1
cg24617370	0.0200567	0.683979	-1.46203	0.0210129	0.686707	-1.45623	0.429636	0.896595	-1.11533	0.498002	1.09761	1.09761	3.49329	1.01406	0.258033	1
ch.3.1245645R	0.185469	0.595898	-1.67814	0.044834	0.427828	-2.33739	0.314386	0.681405	-1.46756	0.487986	0.771223	-1.29664	3.80013	8.18158	1.91376	1
cg02771843	0.206988	1.1754	1.1754	1.24E-05	0.326565	-3.06218	0.00595349	0.646166	-1.54759	0.540345	0.92749	-1.07818	16.4	3.83017	0.207597	1
cg07805724	0.00421561	0.381769	-2.61939	0.885327	0.964385	-1.03693	0.00126167	0.306402	-3.26368	0.893827	0.967	-1.03413	6.21488	6.21605	0.889056	1
cg14870461	0.0881539	0.495365	-2.01871	0.00620265	0.263896	-3.78937	0.0656059	0.462384	-2.1627	0.620978	0.830215	-1.20451	5.20713	11.4932	1.96196	1
cg26719755	0.683121	1.03614	1.03614	0.385075	0.925856	-1.08008	0.678891	1.03667	1.03667	0.0480532	1.2159	1.2159	5.11861	0.606681	0.105355	1
cg09221314	0.347673	0.835243	-1.19726	0.00232424	0.453015	-2.20743	0.0116672	0.556079	-1.7983	0.101406	0.716102	-1.39645	4.32163	2.3727	0.488026	1
cg00084131	0.0641737	0.610677	-1.63753	0.282417	0.767323	-1.30323	0.190881	0.720078	-1.38874	0.0393305	0.568186	-1.75999	4.20728	3.74628	0.791491	1
cg11369206	0.103994	0.428779	-2.3322	0.00441505	0.16362	-6.11172	0.111623	0.438039	-2.2829	0.286718	0.590368	-1.69386	4.03451	14.5007	3.19482	1
cg07257628	0.350723	1.3368	1.3368	0.0323404	2.13261	2.13261	0.00650102	2.91237	2.91237	0.0261064	2.22062	2.22062	3.70409	5.35831	1.28586	1
cg21222826	0.0262557	0.671562	-1.48907	0.093225	0.756622	-1.32166	0.327104	0.858306	-1.16509	0.0355678	1.44706	1.44706	3.40196	1.22906	0.321137	1
cg13916298	0.242467	0.630655	-1.58565	0.251482	0.63667	-1.57067	0.282506	1.52327	1.52327	0.0568124	0.443789	-2.25332	8.43275	18.9679	1.99939	1
cg03040441	0.177416	0.541534	-1.84661	0.0304829	0.336878	-2.96843	0.58122	0.787899	-1.2692	0.00497117	0.203698	-4.90923	6.52982	18.9343	2.57747	1
cg19103398	0.0164571	0.345311	-2.89594	0.000538355	0.14186	-7.04922	0.00518812	0.262256	-3.81307	0.0248784	0.37962	-2.63422	13.2744	27.6683	1.85274	1
cg20926120	0.150423	0.792267	-1.2622	0.000858991	2.13011	2.13011	0.022723	0.662363	-1.50975	0.0967974	0.759287	-1.31703	7.78792	2.81486	0.321279	1
cg06028917	0.00309281	4.06767	4.06767	0.00749109	0.303293	-3.29715	0.232979	0.648275	-1.54255	0.492683	0.785467	-1.27313	6.9396	13.2015	1.69098	1
cg15028458	0.837653	0.918779	-1.0884	0.111435	2.04596	2.04596	0.919733	0.959237	-1.0425	0.046072	0.389148	-2.56972	4.62694	12.4923	2.39992	1
cg16696536	0.00303455	0.069474	-14.3939	0.0202662	6.28195	6.28195	0.28677	2.0673	2.0673	0.363925	0.541957	-1.84517	4.53684	27.5314	6.06841	1
cg18015428	0.00195253	0.441949	-2.2627	0.617032	0.91029	-1.09855	0.117487	0.728354	-1.37296	0.105894	0.719453	-1.38995	3.66747	2.01881	0.489301	1
cg11845045	0.0558054	1.36469	1.36469	0.132248	1.26252	1.26252	0.0454788	0.719528	-1.3898	0.962686	0.993309	-1.00674	3.50084	1.14163	0.289869	1
cg19830192	0.071946	0.778644	-1.28428	1.32E-05	0.320458	-3.12054	0.000159328	0.447587	-2.2342	0.0571358	0.764856	-1.30744	20.4312	5.02004	0.218404	1
cg12140665	0.00066685	0.285722	-3.4999	0.0010551	0.311838	-3.20679	0.967207	1.00994	1.00994	0.043078	0.571286	-1.75044	10.6393	9.749	0.814507	1
cg08970083	0.152866	1.62116	1.62116	0.305466	0.715428	-1.39776	0.262279	1.44611	1.44611	0.0585976	1.96256	1.96256	5.78512	9.12512	1.40208	1
cg03758392	0.874446	0.980175	-1.02023	0.000259193	0.467174	-2.14053	0.464678	1.09881	1.09881	0.0783195	1.28102	1.28102	5.62004	1.42726	0.225741	1
cg20279351	0.00738314	0.403072	-2.48095	0.189644	0.693719	-1.44151	0.851611	0.951904	-1.05053	0.571436	0.860247	-1.16246	4.8239	5.2932	0.975367	1
cg07738503	0.249536	1.39701	1.39701	0.0237497	2.11666	2.11666	0.333652	1.31921	1.31921	0.00153604	0.281877	-3.54764	4.5766	5.59423	1.08654	1
cg24332767	0.996677	1.00052	1.00052	0.74141	0.959124	-1.04262	0.453987	1.1009	1.1009	0.420387	1.10932	1.10932	3.75686	0.945088	0.223612	1
cg14688588	0.0519719	1.21834	1.21834	0.00480985	1.39676	1.39676	0.96319	1.00413	1.00413	0.00741754	0.734869	-1.36079	11.4899	1.45181	0.112316	1
cg15550036	0.0870835	1.19179	1.19179	0.0105729	0.741822	-1.34803	0.00858453	0.732482	-1.36522	0.0105457	1.34824	1.34824	8.12433	1.1097	0.121413	1
cg01974004	0.593017	0.918674	-1.08853	0.000360654	0.40676	-2.45845	0.392012	1.14784	1.14784	0.501979	1.11309	1.11309	4.92197	1.92712	0.34803	1
cg24851181	0.000655463	0.136367	-7.33316	0.000474289	0.123179	-8.11827	0.0018466	0.185115	-5.40204	0.000889225	0.149663	-6.68167	13.064	30.1188	2.04931	1
cg09373597	4.78E-05	0.11074	-9.03019	0.0445259	0.515316	-1.94056	0.253171	0.70967	-1.40911	0.00380904	0.325837	-3.06902	9.55446	12.4961	1.16256	1
cg11152347	0.0686761	0.774154	-1.29173	0.00126559	0.553779	-1.80577	0.0149893	0.686816	-1.45599	0.398904	0.897187	-1.1146	9.15537	2.28818	0.222158	1
cg11930722	0.0076693	0.314356	-3.1811	0.0023262	0.237882	-4.20376	0.0782861	0.516566	-1.93586	0.0407915	0.450469	-2.21991	5.01245	9.05321	1.60546	1
cg19851029	0.654426	1.09096	1.09096	0.00112994	0.396202	-2.52396	0.789802	0.949686	-1.05298	0.23573	0.78655	-1.27138	4.10118	2.42504	0.525603	1
cg06186698	0.681354	1.24959	1.24959	0.0114819	0.181483	-5.51015	0.00494324	7.45504	7.45504	0.335467	1.70918	1.70918	5.26966	24.3075	4.10019	1
cg01379240	0.409041	0.570544	-1.75271	0.0269854	0.17542	-5.70059	0.0358619	5.06647	5.06647	0.983431	1.0139	1.0139	3.829	26.7851	6.21807	1
cg22116457	0.0707266	0.516754	-1.93516	0.0280382	0.428113	-2.33583	0.0373935	0.453989	-2.2027	0.0375155	0.454289	-2.20124	7.27074	12.307	1.50459	1
cg06158985	0.135908	0.697805	-1.43307	0.00270058	0.395316	-2.52962	0.0113088	0.491514	-2.03453	0.29137	0.782588	-1.27781	5.70123	4.52694	0.705803	1
cg24277586	0.305748	0.734227	-1.36198	0.0940705	0.584917	-1.70965	0.323803	0.743142	-1.34564	0.0150099	0.418534	-2.38929	4.50566	6.05623	1.19479	1
cg19930721	0.000675061	0.0509218	-19.638	0.0242281	4.65909	4.65909	?	?	?	0.0582361	3.40744	3.40744	12.4371	50.2631	4.61874	1
cg02823728	6.87E-05	0.145237	-6.88529	0.000705471	0.254424	-3.93044	0.0289656	0.505292	-1.97905	0.972699	1.00911	1.00911	10.3544	11.5271	0.989562	1
cg24026974	0.59425	1.0607	1.0607	0.23428	1.14643	1.14643	0.656625	0.952144	-1.05026	0.333778	1.11545	1.11545	6.14472	1.16894	0.169098	1
cg03629458	0.00193936	0.0952668	-10.4968	0.122504	0.407669	-2.45297	0.716854	1.21565	1.21565	0.723486	1.20982	1.20982	3.65699	16.6504	4.04714	1
cg21634104	0.410324	1.11844	1.11844	0.0906578	1.28122	1.28122	0.616374	0.935054	-1.06946	0.728797	0.954781	-1.04736	3.41322	0.955378	0.248805	1
cg20524216	0.0387908	1.23144	1.23144	0.0186567	0.780289	-1.28158	0.205092	1.12337	1.12337	0.00043065	1.62356	1.62356	6.05568	0.726064	0.106576	1
cg07612986	0.000268146	0.374104	-2.67306	0.0288832	1.52749	1.52749	0.654052	0.928516	-1.07699	0.242937	0.817986	-1.22252	18.36	7.86102	0.380588	1
cg27266250	0.0210489	1.40423	1.40423	0.00120367	1.78645	1.78645	0.0572203	1.30106	1.30106	0.132334	1.2198	1.2198	14.7569	3.49782	0.210693	1
cg22583147	0.164023	0.586841	-1.70404	0.000268002	0.116894	-8.55474	0.00245835	0.220492	-4.53531	0.00159716	0.196815	-5.08091	11.5276	23.5196	1.81358	1
cg02904285	0.361872	1.28856	1.28856	0.028212	2.01562	2.01562	0.260556	1.37359	1.37359	0.276322	0.73616	-1.3584	7.31531	8.47768	1.03013	1
cg11555926	0.0629649	1.29751	1.29751	0.000819988	1.87351	1.87351	0.869712	1.02065	1.02065	0.809262	1.03057	1.03057	4.59439	1.12802	0.218241	1
cg05955559	0.133168	1.26688	1.26688	0.0034	1.78851	1.78851	0.583613	0.922355	-1.08418	0.815814	1.03466	1.03466	4.4671	1.50842	0.300153	1
cg04586237	0.575399	1.08821	1.08821	0.0043507	1.76677	1.76677	0.281726	1.18189	1.18189	0.841602	0.970552	-1.03034	8.94572	3.16159	0.31415	1
cg02365517	0.127932	0.764058	-1.3088	0.883673	0.976345	-1.02423	0.908303	1.01902	1.01902	7.55E-05	0.309003	-3.23622	11.0498	4.67904	0.3764	1
cg00731062	0.0105786	0.153337	-6.5216	0.00129094	0.0649159	-15.4045	0.00436347	0.108538	-9.2134	0.00826699	0.139543	-7.16625	6.59955	35.5445	4.78746	1
cg21535976	0.144326	1.47313	1.47313	0.0606463	0.593038	-1.68623	0.00695497	0.422071	-2.36927	0.00211011	0.343721	-2.90933	7.5305	7.27785	0.859066	1
cg10093328	0.00852622	0.221684	-4.51092	0.397916	0.678106	-1.4747	0.343293	0.645226	-1.54984	0.0940267	0.437664	-2.28486	3.93001	12.5368	2.83556	1
cg13197078	0.000311025	0.497286	-2.01092	0.141892	1.20756	1.20756	0.127321	0.821254	-1.21765	0.0205341	0.716561	-1.39556	9.41877	2.1277	0.2008	1
cg19699291	0.949195	1.00942	1.00942	0.00316488	1.81027	1.81027	0.816613	0.966387	-1.03478	0.170351	0.806604	-1.23977	7.25588	2.48958	0.304989	1
cg21808937	0.6238	1.1337	1.1337	0.718109	1.09639	1.09639	0.213069	1.39498	1.39498	0.135744	0.66489	-1.50401	5.0457	5.14971	0.907211	1
cg02301031	0.505395	0.810032	-1.23452	0.0631212	0.521193	-1.91867	0.411307	0.769587	-1.2994	0.0195145	0.414772	-2.41096	4.95317	7.62395	1.36818	1
cg13028630	0.00778739	0.234481	-4.26474	0.158524	0.527373	-1.89619	0.200146	0.562986	-1.77624	0.0369502	0.357527	-2.797	4.3588	12.4399	2.53687	1
cg26044340	0.131632	1.26214	1.26214	0.00261477	1.81524	1.81524	0.486177	0.903733	-1.10652	0.0437249	0.717752	-1.39324	28.6022	9.26943	0.288072	1
cg14856606	0.111993	0.383217	-2.60949	0.0480633	0.285846	-3.49839	0.0131917	0.182155	-5.48984	0.0012449	0.0732173	-13.658	9.95119	48.4092	4.32415	1
cg11070419	0.0100946	0.122659	-8.15266	0.110973	0.325462	-3.07256	0.0291881	0.189893	-5.26612	0.0420537	0.219961	-4.54625	4.67514	30.9415	5.88293	1
cg22332276	0.770253	0.929414	-1.07595	0.146207	1.47685	1.47685	0.735041	0.918596	-1.08862	0.0426594	0.558032	-1.79201	4.23914	4.19507	0.879649	1
cg22491058	0.980504	0.99121	-1.00887	0.0416875	0.428134	-2.33572	0.541867	1.24994	1.24994	0.152851	0.575134	-1.73873	3.94181	8.14933	1.8377	1
cg10175155	0.510829	1.48524	1.48524	0.0426897	0.250614	-3.9902	0.144237	0.394414	-2.5354	0.0406832	0.246207	-4.06161	3.65849	20.3826	4.95228	1
cg26430305	0.3045	0.436469	-2.29112	0.0112085	0.0839497	-11.9119	0.380142	0.495661	-2.01751	0.0335686	0.144345	-6.92785	3.64991	35.1347	8.55661	1
cg14740771	0.329382	0.729584	-1.37064	0.526726	0.817999	-1.2225	0.113428	0.583023	-1.7152	0.0739591	0.535915	-1.86597	9.75134	15.1509	1.38109	1
cg19707677	0.680947	0.824163	-1.21335	0.10179	0.432654	-2.31131	0.596843	1.28363	1.28363	0.00385652	0.161826	-6.17946	5.26472	18.2435	3.0802	1
cg21571160	0.097513	0.472826	-2.11494	0.0336984	0.359957	-2.77811	0.0884147	0.460977	-2.16931	0.0772605	0.445216	-2.2461	4.58387	12.3205	2.38914	1
cg09633129	1.87E-05	2.79991	2.79991	0.00168053	0.588079	-1.70045	9.68E-06	3.08261	3.08261	0.260753	0.870523	-1.14873	36.9533	8.17897	0.19674	1
cg00771026	0.517762	0.862646	-1.15922	0.0518408	1.64631	1.64631	0.067993	1.58494	1.58494	0.199798	1.35689	1.35689	15.5637	12.5139	0.714704	1
cg22930642	0.20241	0.821706	-1.21698	0.000204057	0.403178	-2.48029	0.208909	1.21322	1.21322	0.427088	1.1256	1.1256	6.94627	2.34224	0.299727	1
cg14233074	0.131517	0.708115	-1.4122	0.729447	0.929038	-1.07638	0.000195086	0.264875	-3.77537	0.0729237	1.52817	1.52817	6.41756	4.56798	0.632706	1
cg11864499	0.24555	0.787182	-1.27035	0.000150022	0.27728	-3.60646	0.0799645	0.68197	-1.46634	0.453445	1.16237	1.16237	5.92201	3.64076	0.546476	1
cg05209463	0.261406	1.18796	1.18796	0.00128784	0.501626	-1.99352	0.157053	0.80047	-1.24927	0.310094	0.856878	-1.16703	3.52642	1.20786	0.304461	1
cg27217555	0.0491377	0.626438	-1.59633	0.140151	1.39171	1.39171	0.803617	0.949436	-1.05326	0.0620465	0.645631	-1.54887	5.21581	3.58255	0.610545	1
cg00622170	0.0924397	0.393844	-2.53907	0.071267	0.362865	-2.75585	0.914202	1.05573	1.05573	0.0404371	0.303934	-3.29019	3.45639	13.8594	3.56425	1
cg18102697	0.0274494	0.655367	-1.52586	0.00106887	0.45694	-2.18847	0.326705	0.84871	-1.17826	0.0670326	0.717078	-1.39455	4.78264	1.98799	0.369484	1
cg16732415	0.603754	0.87475	-1.14318	0.0252892	1.97334	1.97334	0.625059	0.881727	-1.13414	0.235312	0.727689	-1.37421	3.96593	4.10257	0.919513	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	
cg15476521	C4orf12;WDPF3	0.0100612	0.153235	1.3832	1.36202	0.157797	0.73704	-1.3578	0.0996769	1.43983	1.43983	0.0448677	0.628236	-1.59176	0.898625	1.02608	1.02608	0.252758	0.78558	-1.27294	0.000472857	3.03239	0.0518396	1.03869	0.360365	1.20922	1.20922	5.7492	3.71623	0.574569	1
cg23452633	C4orf14	5.19E-06	0.000104255	3.3332	-3.00012	1.52E-05	0.238	4.20169	0.000112047	0.337093	-2.96654	0.00590415	0.561673	-1.7804	7.27E-07	0.117065	8.54225	1.51E-05	0.237721	-4.20661	2.69E-06	0.163955	-6.09923	0.0243507	0.650672	-1.53687	4.82E-05	0.29384	-3.40321	48.06097	19.523	0.361081	1
cg21242327	C4orf14	0.0106415	0.0959794	0.702088	-1.42432	0.746923	1.06464	1.06464	0.704046	0.928825	-1.07663	0.910883	0.978572	-1.0219	0.00156955	0.415325	-2.40776	0.00123581	0.401042	-2.49351	0.0225407	0.588468	-1.69645	0.654422	1.09108	1.09108	0.128829	0.727938	-1.37374	5.79397	3.43461	0.526924	1
cg01197891	C4orf14;POLR2B;C4orf14	0.0410624	0.267791	1.09637	1.09637	0.145227	1.13278	1.13278	0.667571	1.03504	1.03504	0.455401	1.06247	1.06247	0.24826	1.10098	1.10098	0.621378	0.961097	-1.04048	7.30E-05	0.562663	-1.77726	0.847852	1.01543	1.01543	0.215369	0.901281	1.10953	7.79065	0.783827	0.0894322	1
cg15411303	C4orf17	0.00179535	0.00196238	5.68088	-5.92388	0.736977	0.871946	-1.14686	0.0282546	0.348905	-2.86611	0.073664	0.444592	-2.24025	0.000380665	0.0995751	-10.0427	0.00677574	0.204132	-4.16438	0.000271249	0.0883238	-11.322	0.341274	0.672136	-1.48979	0.0111369	0.2743	0.945924	26.039	2.32638	1
cg23052757	C4orf17	0.00851255	0.693681	1.07924	1.07924	0.0058746	0.499318	1.08273	0.00292686	0.455016	-2.19773	0.0293235	0.63971	-1.63071	0.00548421	0.499026	-2.0939	0.954108	1.01115	1.01115	0.0877513	0.695555	-1.4377	0.403529	0.848172	-1.17901	0.154361	0.745496	-1.34139	6.22112	3.56549	0.522448	1
cg26647453	C4orf17;C4orf17	0.00132817	0.00027310	6.181206	-5.51859	0.0309042	0.483907	-2.06651	0.037657	0.501275	-1.99493	0.00535435	0.349733	-2.85933	0.00017129	0.160535	-6.22918	0.00384342	0.32763	-3.05223	0.00582047	0.355443	-2.81339	0.829894	0.940238	-1.06356	0.0310594	0.48434	-2.06466	10.8522	14.1	1.15491	1
cg27563778	C4orf17;C4orf17	0.0265482	0.629968	0.893452	-1.11925	0.0121334	0.48402	-2.06915	0.0614383	0.553503	-1.80639	-1.91902	0.6804665	1.9477	1.9477	0.6608301	0.6123545	-1.63307	0.141908	0.691531	-1.44673	0.0340898	0.83719	1.83719	0.559564	0.872023	-1.14626	0.698248	0.913696	-1.09446	4.26682	3.63995	0.758295	1
cg12209861	C4orf19	0.0164973	0.631255	1.13744	1.13744	0.0018525	0.384082	2.34168	0.00544462	0.377533	-1.66877	0.952397	0.984228	1.03083	1.03083	0.742342	1.09183	1.09183	0.0185314	0.467454	-2.11925	0.737936	0.914263	-1.09378	0.1672	0.679227	-1.48011	0.0367746	0.516531	1.93599	5.01956	6.63772	0.998356	1
cg21131031	C4orf19	0.0217483	0.85308	0.875349	-1.1424	0.00156495	0.0312917	-31.9574	0.219607	0.392954	-2.54482	0.185256	2.76731	2.76731	7	7	7	?	?	?	0.69517	0.753538	-1.32707	0.341289	2.02856	2.02856	5.400664	28.7791	6.21698	1
cg18609729	C4orf19	0.0498261	0.0753944	1.06282	1.06282	0.0373515	0.635735	-1.46407	0.0521283	0.889574	-1.12413	0.0103631	0.722004	1.3436	1.3436	0.0238377	-1.19222	0.988736	0.997462	-1.00254	0.00152242	0.439773	-2.27419	0.834291	1.03844	1.03844	0.936818	0.985854	-1.01435	1.32062	1.74078	0.456095	1
cg06500476	C4orf19;C4orf19	0.0011375	0.0526192	0.674768	-1.48199	0.0301888	0.641406	-1.55978	0.279461	0.81589	-1.22566	0.0197969	1.01815	1.01815	0.146	0.10622	-5.09372	0.382081	0.852104	-1.17357	0.0156532	0.598181	-1.69725	0.597116	0.90916	-1.09992	0.0208444	0.60862	-1.64306	11.3435	5.72675	0.448755	1
cg01423207	C4orf19;C4orf19	0.0020542	0.0380758	0.790626	-1.2509	0.291346	0.0161381	-1.3134	0.0152349	0.476328	-1.30024	0.646921	1.12168	1.12168	0.00023808	0.219305	-4.59886	0.000401612	0.249211	-4.06155	0.00456645	0.350487	-2.55091	0.497237	0.842312	-1.18721	0.01264	0.442135	-2.26387	5.92703	9.39349	0.872565	1
cg06444622	C4orf19;C4orf19	0.0424986	0.914	0.978352	-1.02213	0.803632	0.950778	-1.05177	0.08156584	0.676325	-1.47858	0.0827152	1.47597	1.47597	0.697736	1.08227	1.08227	0.145067	0.728707	-1.37229	0.254757	1.27241	1.27241	0.0611376	0.652133	-1.53343	0.00525537	0.474404	-2.10791	3.60152	2.34125	0.577842	1
cg04301614	C4orf19;C4orf19;C4orf19	0.0197888	0.0276724	0.56544	-1.76853	0.0185648	0.655223	-1.5262	0.0115663	0.508801	-1.99679	0.00330339	0.416249	-2.40241	0.243636	0.76553	-1.30628	0.426678	1.19454	1.19454	0.884371	1.04281	0.859614	0.10953	0.013697	0.511166	-1.95631	4.721555	3.58693	0.675283	1
cg22122542	C4orf23	0.120783	0.0018314	-1.84494	0.0614919	1.31547	1.31547	0.0224845	0.761381	-1.93613	0.724446	1.04752	0.494659	0.563648	0.00499011	0.5512	1.81422	0.948491	0.991626	-1.00844	0.0218748	0.698242	-1.43217	0.921984	0.91282	-1.09541	0.0406562	0.11827	-2.38518	2.88564	1.88217	0.238518	1
cg23602997	C4orf21	0.0273094	0.769258	1.08714	1.08714	0.212076	1.45263	1.45263	0.312181	1.34578	1.34578	0.018849	2.25138	2.25138	0.190647	0.674599	-1.48236	0.109211	0.608886	-1.64234	0.529666	0.834551	-1.19825	0.00243988	3.31368	3.31368	0.710584	1.11168	1.11168	0.424473	5.39862	1.13588	1
cg07982890	C4orf22	1.31E-05	0.0120359	0.637213	-1.5802	0.00449977	0.575082	-1.73888	7.50E-06	0.237056	-4.2193	0.000160006	0.392635	-2.54589	4.23E-05	0.320539	-3.12004	1.88E-05	0.28018	-3.56914	0.000156479	0.513834	-1.93523	0.000931105	0.484687	-2.06319	1.27E-05	0.160351	-6.17471	17.8581	12.7976	0.309481	1
cg01175641	C4orf23	3.53E-05	0.0099754	0.73903	-1.35302	7.40E-05	0.299	-3.34448	0.000155169	0.337556	-2.96247	0.103133	0.741868	-1.34831	1.13E-06	0.12013	-8.31422	5.94935	0.116296	0.08	1.25021	0.0177934	0.474412	-2.10787	0.114112	0.704823	-1.33365	29.1001	12.99	0.395569	1
cg12416561	C4orf23	0.00021481	5.68E-05	0.108561	-9.21141	0.000570594	0.205003	-4.87798	0.000737999	0.218125	-4.58452	0.000374287	0.184547	-5.41868	0.000207188	0.158023	-6.32818	0.00060661	0.208081	-4.80583	0.000555516	0.209665	-4.91003	0.00685096	0.353396	-2.82969	0.0816692	0.563756	-1.77382	18.0169	25.1746	1.24203	1
cg27605889	C4orf23	0.00264071	0.222934	1.29786	1.29786	0.0744515	0.144	-2.31164	0.00104994	0.250047	-3.99925	0.00158784	0.492931	-2.02795	0.00624417	0.379457	-2.63534	0.000180051	0.178749	-5.59558	0.00135332	0.148924	-6.71443	0.447707	0.730077	-1.36972	0.530277	0.772227	-1.29496	4.17119	10.9199	2.32706	1
cg13074596	C4orf23	0.0192431	0.0429565	1.2708	1.2708	0.0153366	0.135366	-2.68616	0.00258719	0.264573	-3.78107	0.00098408	0.268128	-3.72958	0.00042744	0.161471	-6.19228	0.000178966	0.164374	-6.08386	0.000127485	0.131872	-7.59703	0.0997497	0.433427	-2.30707	0.0172383	0.16476	-6.07173	0.0004155	0.0004198	0.0236452	0.000453	0.708	0.871746	1
cg27358448	C4orf23	0.043917	0.135443	1.78771	1.78771	0.380895	1.3833	1.3833	0.48697	0.774935	-1.29043	0.337767	1.42869	1.42869	0.0921224	0.512051	1.95293	0.00786862	0.963985	-1.03736	0.574875	1.1457	1.1457	0.050361	1.70809	1.70809	0.0475162	0.580399	-1.72295	8.44715	7.70684	0.810987	1
cg24157748	C4orf23	0.00535436	0.129597	1.64803	1.64803	0.319913	0.70384	-1.36829	0.0224849	0.359515	-5.16757	0.134369	0.611099	-1.6364	0.0014804	0.246834	-5.05131	0.201281	0.652503	-1.50943	0.0254672	0.444824	-2.24808	0.445646	1.26768	1.26768	0.971674	1.01089	1.01089	0.178648	10.5917	1.33102	1
cg19143170	C4orf23	0.0026464	0.0081617	0.739318	-1.35243	0.0224845	0.179358	-2.7219	0.0024849	0.288026	-4.47193	0.103366	0.436639	-2.29002	0.0011581	0.24099	-5.14886	0.077684	0.20472	-4.8847	0.0035092	0.311523	-7.60525	0.222796	0.551032	-1.81481	0.0758131	0.398839	-2.50732	2.52352	0.04609	0.0183	1
cg25994584	C4orf23	0.00936112	0.517652	0.795025	-1.25782	0.000806821	0.170701	-5.85818	0.0843216	0.512844	-1.94991	0.567871	1.21789	1.21789	0.56784	0.817167	1.22374	0.298621	1.45755	1.45755	0.0186787	0.369033	-2.70979	0.0168893	2.77106	2.77106	0.821668	1.08215	1.08215	0.63643	11.6917	1.72165	1
cg06890950	C4orf23	0.0107573	0.04093	0.784561	-1.27457	0.0134597	0.213406	-3.68025	0.0139617	0.380641	-3.78047	-1.27073	0.961705	1.04152	1.04152	0.0082254	0.4453	0.266251	1.20947	1.20947	0.0564705	0.513184	1.94752	0.289673	0.433275	0.10761	-1.07776	0.77385	0.921956	-1.08481	2.64472	0.279946	0.0004	1
cg01005864	C4orf23	0.0182301	0.718864	-1.03681	1.25313	0.172676	1.12676	0.483164	1.07387	1.07387	0.160708	0.972529	0.996562	1.00345	1.00345	0.0002134	0.00033589	0.825182	1.88719	1.88719	0.0006663	0.00335898	1.78296	1.78296	0.0834133	1.21124	1.21124	0.454334	0.766889	0.140793	1
cg02256198	C4orf23	0.0225272	0.00161608	0.0676888	-14.7735	0.173263	0.421776	-2.37093	0.15471	0.38343	-2.60804	0.109243	0.353299	-2.83047	0.019991	0.187775	-5.32553	0.985157	0.988979	-1.01114	0.974301	1.01937	1.01937	0.844312	0.889466	-1.12427	0.00701859	0.125346	-7.97792	4.51705	25.3912	4.99662	1
cg15299568	C4orf23	0.0262749	0.00925686	0.359073	-2.78499	0.0146458	0.215135	-4.64888	0.0133455	0.373983	-2.67435	0.0913943	0.374546	-2.67035	0.0178076	0.189782	-5.26989	0.0437506	0.0911479	0.310794	0.0064003	0.176179	-5.67579	0.0159706	0.183302	0.0062441	-5.44737	0.0027197	0.0004	-1.63996	0.0417242	0.272824	0.0001	0.0001	0.0001	1
cg24563639	C4orf23	0.0283172	0.503278	1.31807	1.31807	0.646886	1.20626	1.20626	0.0121527	0.280625	-3.56348	0.0909605	0.469057	-2.13194	0.196498	0.573932	-1.74237	0.925561	1.03873	1.03873	0.100365	0.614933	-6.71443	0.447707	0.730077	-1.36972	0.530277	0.772227	-1.29496	4.17119	10.9199	2.32706	1
cg13774596	C4orf23	0.0131155	0.0014757	0.5245	-1.90665	0.0135561	0.242454	-4.12403	0.0114845	0.361241	-2.76844	0.0870108	0.324554	-3.08144	0.0004855	0.0951217	-10.5108	0.789986	0.688128	1.09208	0.0024	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg23548438	C4orf23	0.043917	0.135443	1.78771	1.78771	0.380895	1.3833	1.3833	0.48697	0.774935	-1.29043	0.337767	1.42869	1.42869	0.0921224	0.512051	1.95293	0.00786862	0.963985	-1.03736	0.574875	1.1457	1.1457	0.050361	1.70809	1.70809	0.0475162	0.580399	-1.72295	8.44715	7.70684	0.810987	1
cg00558031	C4orf23	0.00042454	5.50E-05	0.153813	-6.50142	0.038552	0.550147	-1.8177	0.0259722	0.517955	-1.93287	0.130744	0.665713	-1.50215	0.00140008	0.196918	-5.07826	0.000360895	0.240177	-4.1636	0.0049255	0.381756	-2.61856	0.145865	0.685617	-1.4578	0.0019665	0.0004	-1.86068	0.11437	0.652243	-1.53317	0.64559	0.28271	0.871746	1
cg00183607	C4orf23	0.0010265	0.0888806	0.7926	-1.26178	0.0124851	0.224851	-4.44805	0.0072137	0.329745	-3.03191	0.0149548	0.28343	-3.52625	0.00365	0.144896	-6.90573	0.0178446	0.124394	-8.03925	0.0017552	0.258204	-3.87332	0.0007247	0.316372	-3.16015	0.0002746	0.0004	-3.85353	0.0004	-3.85353	0.0004	-3.85353	0.0004	-3.85353	0.0004	1
cg13757761	C4orf23	0.00385947	0.524733	1.11414	1.11414	0.318577	0.841262	-1.18869	0.186352	0.790641	-1.2648	0.785161	1.04688	1.04688	0.00760773	0.562419	1.77803	0.901E-05	0.309008	-3.23616	0.0857644	0.727301	-1.37495	0.193495	0.793964	-1.2595	0.0147421	0.604554	-1.65411	7.93752	1.53466	0.395832	1
cg15145655	C4orf23	0.0148333	0.764833	0.954251	-1.04798	0.0133771	0.152371	-1.52371	0.0178556	0.795188	-1.25756	0.00901702	1.27434	1.27434	0.0178556	0.795188	-1.25756	0.0202617	0.0264561	-37.7863	0.016	0.102939	9.71E-05	0.746329	0.564449	0.978833	-1.02213	0.0033	-2.30335	5.24123	1.1	0.979166	1
cg25742365	C4orf23	0.0145839	0.0125801	0.534187	-1.87201	0.0180934	0.178613	1.78613	0.52697	0.878519	-1.13828	0.0448086	0.627914	-1.59257	0.0235484	0.579009	-1.72709	0.618023	0.903412	1.10691	0.0521353	1.5626	1.5626	0.117346	0.41013	0.410133	0.335898	1.222	1.222	5.22905	1.38099	0.574736	1
cg01300700	C4orf23	0.0157301	0.68397	0.927952	-1.07764	0.00312509	0.477901	-2.09248	0.543949	0.893738	-1.1189	0.309674	1.21177	1.21177	0.753293	0.944018	-1.0593	0.0171628	0.588217	-1.70005	0.00298962	0.475168	-2.10452	0.561625	1.11319	1.11319	0.0593182	0.677773	-1.47542	5.09975	2.69639	0.469982	1
cg24445251	C4orf23	0.0182808	0.0167297	0.5	-1.99981	0.0108491	0.159951	-3.78907	0.0117027	0.352762	-2.83848	0.0776257	0.317014	1.31824	0.0116982	0.368812	-2.71004	0.0046495	0.295676	-3.38208	0.0024588	0.445143	-2.14988	0.95867	1.00168	1.00168	0.168304	0.621747	-1.60837	4.75104	1.47924	0.379166	1
cg06005199	C4orf23	0.0199943	0.100084	0.743656	-1.34471	0.985979	0.00289	1.00289	0.00491838	0.542023	-1.84494	0.174701	0.788757	-1.26782	0.017429	0.621389	-1.6093	0.024978	0.645027	-1.55032	0.0784528	1.37893	1.37893	0.197544	1.25095	1.25095	0.914302	1.01077	1.01077	0.47002	2.01344	0.380387	1
cg26145112	C4orf23	0.0159399	0.3013857	1.2	1.2	0.0944148	0.0914483	-2.57128	0.0222454	0.423883	-2.84438	0.174316	0.655293	1.52586	0.0131099	0.364754	-2.74243	0.0720597	0.1	0.1	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg02192528	C4orf23	0.0291941	0.104249	0.38831	-2.57526	0.405063	1.57417	1.57417	0.138466	0.427627	-2.33849	0.196972	0.483594	-2.06785	0.0205693	0.226322	2.41848	0.0046495	0.295676	-3.38208	0.0024588	0.445143	-2.14988	0.95867	1.00168	1.00168	0.168304	0.621747	-1.60837	4.75104	1.47924	0.379166	1
cg10674754	C4orf23	0.0160098	0.663675	-1.5926	0.322277	0.860398	-1.15287	0.0127	0.0174	0.0001	1.07768	0.140562	1.27078	1.27078	0.394056	0.885628	-1.12914	0.729065	1.04957	1.04957	0.0152326	0.719168	1.39163	0.502283	1.09938	1.09938	0.958373	1.00128	1.00128	0.611559	1.0459	0.22351	1
cg00709728	C4orf26	0.0001651	0.0040411	0.43133	-2.35775	0.00444	0.871694	-1.14719	0.00712617	0.624608	-1.61428	0.00544595	0.303291	-2.97616	0.00126442	0.164828	-6.06695	0.000197564	0.249199	-4.01286	1.25E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg10409560	C4orf26	0.00046811	0.100548	0.753707	-1.32678	0.447719	0.885481	-1.12933	0.000511835	0.42625	-2.34604	0.263051	0.832432	-1.2013	0.415122	1.13989	1.13989	0.00465222	0.553429	-1.80692	1.63E-05	0.247723	-4.03677	0.150346	0.784795	-1.27432	0.0015344	0.488427	-2.04739	14.5539	5.69473	0.347809	1
cg18531779	C4orf26	0.0262634	0.0925686	0.359073	-2.78499	0.0146458	0.215135	-4.64888	0.0133455	0.373983	-2.67435	0.0913943	0.374546	-2.67035	0.0178076	0.189782	-5.26989	0.0437506	0.0911479	0.310794	0.0064003	0.176179	-5.67579	0.0159706	0.183302	0.0062441	-5.44737	0.0027197	0.0004	-1.63996	0.0417242	0.272824	0.0001	0.0001	0.0001	1
cg16870215	C4orf26;C4orf26	0.0199651	0.579092	0.799477	-1.25062	0.15612	0.18307	-1.83307	0.149449	0.539184	-1.85397	0.762404	1.02101	1.02101	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg13239359	C4orf27	0.0027039	0.077681	-1.29441	0.650932	1.16135	1.16135	0.106197	0.976476	1.00089	1.00089	0.665847	0.944285	-1.0597	0.856022	0.976381	-1.02419	0.828E-05	0.278077	-3.59613	0.0486497	0.931238	-1.07471	0.9975	1.00251	1.00251	0.0109356	0.0193751	0.720402	-1.38811	0.9633	0.164924	1
cg26927939	C4orf27	0.0037362	0.4634946	-2.15752	0.348188	1.26753	1.26753	0.141911	0.64458	1.04458	1.04458	0.261274	1.25869	1.25869	0.00119997	0.39381	-2.5393	0.0049673	0.644677	-1.55116	0.000783684	0.598872	-2.71096	0.198487	0.765774	-1.30587	0.397654	0.71854	1.18539	9.01147	5.50416	0.542029	1
cg05196410	C4orf27	0.0052588	0.284243	0.79071	-1.26469	0.0675303	1.5409	1.5409	0.0152164	1.87626	1.87626	0.0206794	0.555349	-1.80607	0.0297622	0.582792	-1.71588	0.001170	0.365777	-2.73396	0.030187	1.01867	1.01867	7	7	0.51776	1.14846	1.14846	7.39476	4.63887	0.627319	1
cg01364483	C4orf27	0.0012001	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	1
cg04757345	C4orf29	0.0489905	0.645738	0.819408	-1.22039	0.569293	0.780755	-1.28081	0.148371	0.513193	-1.94859	0.535772	0.763512	-1.30974	0.0286849	0.329388	-3.03593	0.078744	0.43166	-2.31664	0.738452	1.15511	1.15511	0.185672	1.82918	1.82918	0.00356078	0.182801	-5.47043	3.44147	10.0129	2.60667	1
cg00472727	C4orf29	0.344692	0.803448	1.24464	1.24464	0.565793	1.16394	1.16394	0.921477	0.97005	-1.0225	0.835801	1.04777	1.04777	0.0564761	0.615361	-1.62506	0.024167	0.0264761	0.615361	-1.62506	0.434783	0.835953	1.19624	0.0243906	0.61755	1.61955	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg17360140	C4orf29;MFSD8	4.26E-05	0.495943	0.863155	-1.15854	0.706803	0.922714	-1.08376	0.210944	1.32388	1.32388	0.526282	1.16456	1.16456	0.191934	0.745255	-1.34182	0.858856	0.93862	-1.06502	0.450409	0.858856	1.03862	1.03862	0.450409	0.858856	1.03862	1.03862	0.450409	0.858856	1.03862	1.03862	0.450409	0.858856	1.03862	1.03862	1
cg07327396	C4orf29;MFSD8	0.00105029	0.555014	0.905357	-1.10454	0.668807	1.07429	1.07429	0.413012	0.875254	-1.14253	0.50012	0.892274	-1.12073	0.921505	1.01655	1.01655	0.24706	0.817458	-1.2233	0.460298	1.13336	1.13336	1.14E-05	4.72032	4.72032	0.193857	1.25725	1.25725	11.5956	5.09205	0.390411	1
cg20838363	C4orf29;MFSD8	0.0016959	0.0160098	0.663675	-1.5926	0.322277	0.860398	-1.15287	0.0127	0.0174	0.0001	1.07768	0.140562	1.27078	1.27078	0.394056	0.885628	1.14511	1.14511	0.0001	0.0001	1.42852	1.42852	0.0004	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg07285838	C4orf29;MFSD8	0.0441809	0.815392	0.885801	-1.12892	0.590235	1.3256	1.3256	0.620007	1.29584	1.29584	0.358597	1.63143	1.63143	0.721249	0.830478	1.20413	0.658197	0.79386	-1.25967	0.1933	2.04163	2.04163	0.000714199	14.4637	14.4637	0.812313	1.13126	1.13126	5.14983	15.1139	3.78457	1
cg21997857	C4orf30	0.0167	0.920092	0.985252	-1.01502	0.0158151	0.483441	-2.06973	0.0247989	0.463577	-2.1566	0.0971357	0.388344	1.57809	1.57809	0.0013777	0.3946	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg19443556	C4orf3	1.30E-05	0.4738	0.891652	-1.12151	0.155119	0.787023	-1.27061	2.69E-05	0.272138	-3.6868	0.00054206	0.428904	-2.33152	8.62E-06	0.21817	-4.58357	0.000321508	0.40002	-2.49988	1.38E-06	0.143799	-6.95414	0.418976	1.13882	1.13882	0.000182886	0.350544	-2.85271	37.8781	14.8655	0.34885	1
cg00957698	C4orf31	8.07E-06	1.52E-05	0.070736	-14.0699	0.0967423	0.380525	-2.62795	0.031-05	0.0988929	-10.112	0.000353782	0.1839	-5.43772	0.0841694	0.568983	-1.75752	1.60E-05	0.072345	-13.8227	9.45E-07	0.0219196	-45.6212	7.20E-06	0.0537149	-18.6168	0.00251106	0.289766	-3.45106	42.8862	59.1617	1.22623	1
cg26357833	C4orf31	0.0001908	0.0672757	0.733473	-1.36343	0.00313012	0.0228316	-10.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	p-value(1237 vs. N)	Fold-Change(1 vs.1237)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1317 vs. N)	Fold-Change(1 vs.1317)	p-value(1477 vs. N)	Ratio(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5633 vs. N)	Ratio(5633 vs. N)	Fold-Change(1 vs.5633)	F(Error	
cg16728269	C4orf43	0.0333424	0.0460683	2.278482	-3.5909	3.318	0.565451	-1.7811	0.0233178	0.2196606	-4.55361	0.796805	0.8656326	-1.15323	0.0338221	0.250115	-3.99816	0.0921571	0.35461	-2.82	0.00441543	0.116549	8.58013	0.953721	1.03299	0.0165092	0.194355	-5.41522	3.93542	19.494	4.40308	1
cg21475281	C4orf44	0.00173285	0.354065	1.11734	1.11734	1.00256965	0.614781	-1.6266	0.00787141	0.672485	-1.48702	0.0996781	1.23365	1.233065	0.00773042	0.564969	-1.77001	0.00288964	1.61079	1.610079	0.129646	1.20989	1.20989	0.467318	0.917531	-1.08988	0.676134	1.050111	1.05011	0.105119	2.15594	0.190649	1
cg27629361	C4orf44	0.00521004	0.134326	0.799061	-1.25147	0.00133591	0.523128	-1.91158	0.00674947	0.633889	-1.62896	0.569635	0.08311	1.08311	0.748879	1.04563	1.04563	0.780424	0.961916	-1.03959	0.00429168	1.70008	1.70008	0.295583	1.16265	1.16265	0.136433	1.24973	1.24973	1.72467	2.2156	0.271262	1
cg21240002	C4orf44	0.00825978	0.00393883	1.252106	-3.96058	0.296381	0.687516	-1.45451	0.06290559	0.484778	-2.0628	0.0477727	0.455899	-2.19347	0.00196187	0.219905	-4.54692	0.392887	0.738609	-1.35329	0.00151697	0.205865	-4.85755	0.0168617	0.364612	-2.74264	0.0488895	0.459407	-2.17672	0.2806	11.9113	1.6858	1
cg06533319	C4orf44	0.0157036	0.130858	0.435173	-2.29794	0.143064	0.448105	-2.23162	0.0424377	0.30365	-3.29327	0.545542	1.36616	1.36616	0.00223397	0.112621	-8.87936	0.62036	0.775172	-1.29004	0.0012825	0.091237	-10.9605	0.203347	0.504177	-1.98343	0.300018	0.578234	-1.7294	0.1626	21.0219	3.66209	1
cg22146653	C4orf44	0.0290738	0.0560041	2.2472	2.2472	1.0957103	0.504339	-1.98279	0.0670252	0.4639885	-2.15323	0.2436317	0.63361	-1.57826	0.0448853	0.422703	-2.36573	0.0072706	0.273879	-3.65124	0.0131579	0.439639	-2.27459	0.446326	1.33691	1.33691	0.659393	1.18059	1.18059	4.13251	9.1573	1.9697	1
cg23268344	C4orf44	0.0388026	0.037813	0.395181	-2.53049	0.0504073	0.42334	-2.36217	0.00615038	0.25215	-3.96589	0.61405	1.21654	1.21654	0.0144333	0.312828	-3.19665	0.151132	0.552682	-1.80936	0.0516007	0.425717	-2.34898	0.260283	0.63597	-1.5724	0.0680234	0.454486	-2.19848	3.72451	8.76428	2.09168	1
cg20629945	C4orf44	0.0457996	0.249433	-3.77492	0.435952	0.630587	-1.58582	0.1160977	0.371185	-1.48488	-2.69407	0.109767	0.362658	-2.74954	0.00462886	0.123411	-8.48591	0.0573642	0.287316	-3.48049	0.00581678	0.125016	-8.12901	0.199628	0.4255991	-2.34945	0.0968561	0.347385	-2.87865	3.73619	19.8097	4.73835	1
cg10371275	C4orf44	0.00470423	0.0450371	0.455233	-2.19668	0.23124	0.651975	-1.5338	0.837774	0.07266	13.76755	0.2253682	0.402787	2.4827	0.00116624	0.110392	-9.0586	0.026428	0.208406	-4.79809	0.0273884	0.208406	-4.79809	0.0273884	-2.44236	0.276719	0.027696	-3.61216	2.8268	10.6781	3.734451	1
cg06433626	C4orf44/C4orf44	0.00683745	0.0880499	1.42034	1.42034	0.707324	1.07284	1.07284	0.0167656	0.58033	-1.72316	0.1748	1.30869	1.30869	0.000268505	0.32809	-3.04795	0.572234	1.11225	1.11225	0.715906	0.934138	-1.07051	0.335901	1.20318	1.20318	0.853506	1.03506	1.03506	6.66372	3.66714	0.489168	1
cg03108827	C4orf44/C4orf44	0.0251731	0.536033	1.23387	1.23387	0.810403	0.674163	-1.48285	0.0828238	0.6303795	1.42313	1.423113	1.130122	1.130122	0.179793	1.179793	0.424825	0.445343	-2.24729	0.455149	1.29316	1.29316	0.0950519	0.329641	1.03526	1.03526	0.936907	1.040339	1.040339	2.26789	0.36737	0.731298	1.363743	4.34679	7.8258	1.60789	1
cg25261181	C4orf44/C4orf44	0.0269691	0.790106	0.842789	-1.16564	0.620739	0.726306	-1.37638	0.0493667	0.237963	-4.20233	0.0723329	0.276444	3.6310587	0.00508532	0.331681	-30.1495	0.154592	0.376489	-2.65612	0.0709243	0.283771	-3.47566	0.630568	0.732951	-1.36435	0.170724	0.392482	-2.54789	4.24337	27.6251	5.78684	1
cg12134291	C4orf44/C4orf44	0.0268254	0.485722	1.86647	1.086447	0.79794	1.03049	1.030491	0.293208	0.8805018	-1.13634	0.0662301	1.518111	1.518111	0.667304	1.095191	1.09193	0.049328	1.90715	1.907151	0.0775104	1.4924	1.4924	0.0990826	0.8092008	-1.23578	0.117385	1.128491	1.128491	4.515528	0.9021154	0.192078	1
cg05202136	C4orf44/C4orf44/C4orf44/C4orf44	0.0049535	0.00542302	0.418886	-2.38728	0.00422899	0.402263	-2.48594	0.00152407	0.492321	-2.03119	0.349016	1.25766	1.25766	0.0201899	0.513686	-1.94671	0.037488	0.563258	-1.77539	0.00257078	0.370092	-2.70203	0.00288086	0.377326	-2.65023	0.857904	0.958279	-1.04354	7.35955	6.59074	0.7960232	1
cg24999679	C4orf45	0.0017092	0.0104057	0.653801	-1.52952	0.574568	0.928017	-1.07757	0.322667	0.874096	-1.14403	0.6256041	1.0669	1.0669	0.00140658	0.603033	-1.65828	0.0620426	0.758253	-1.31882	0.0406697	1.6423	1.64123	0.220642	0.843993	-1.18484	0.000168197	0.43022	-2.32439	0.102	2.77307	0.244249	1
cg19897908	C4orf45	0.00355855	0.702058	0.879793	-1.13792	0.443059	0.737319	-1.35616	0.163541	0.608626	-1.64846	0.79196	0.914971	-1.09293	0.02E-05	0.064897	-15.5304	0.611665	0.841887	-1.18791	0.13934	0.581783	-1.72019	0.460272	0.776689	-1.28752	0.183231	0.622075	-1.60752	0.11931	14.5559	3.90081	1
cg22268244	C4orf45	0.0090462	0.0117604	0.304639	-3.28258	0.6949669	1.16051	1.16051	0.506042	1.2903	1.2903	0.0888931	0.492237	-2.03154	0.0251514	0.365702	-2.73447	0.0258055	0.367932	-2.71789	0.000597032	0.13516	-7.39863	0.0251667	0.365755	-2.73407	0.0991577	0.50519	-1.97945	6.10245	13.7901	2.00868	1
cg09685562	C4orf45	0.00919698	0.69639	1.13501	1.11016	0.6985761	0.409051	-2.44668	0.00211535	0.316128	-3.16328	0.510158	1.18323	1.18323	0.0126267	0.437642	-2.28497	0.138103	1.53036	1.53036	0.308578	1.32625	1.32425	0.405404	1.25459	1.25459	0.121761	1.56365	1.56365	6.062212	6.81862	0.9998113	1
cg09407322	C4orf45	0.02604	0.394957	0.788224	-1.26808	0.000527411	0.228777	-1.5138	0.837771	0.161751	-6.18525	0.0021564	0.665795	-1.50164	0.0001254	0.221611	-4.51312	0.938466	0.979152	-1.02133	0.837259	1.05779	1.05779	0.945366	0.980849	-1.01953	0.656127	-1.5241	0.429757	5.07587	11.8501	2.33507	1
cg06053098	C4orf45	0.0299001	0.0175153	0.217031	-4.60763	0.0624762	0.330285	-3.02769	0.0589923	0.324117	-3.08531	0.0506217	0.308241	-3.24421	0.00837155	0.168643	-5.9297	0.227955	0.512398	-1.95161	0.00760827	0.163098	-6.13128	0.025528	0.246066	-4.06396	0.0627709	0.330796	-3.02301	4.09167	18.0909	3.93014	1
cg23137881	C4orf45	0.1538814	0.410952	-2.5899	0.0356526	0.332586	-3.00528	0.0418557	0.402442	-2.47843	0.148801	0.406321	-2.45802	0.00454925	0.113499	-8.98075	0.0573994	0.157709	-6.33905	0.00655943	0.128623	-7.77465	0.840252	0.948387	-1.12437	0.104031	0.356179	-2.80758	4.14109	18.2553	4.74913	1
cg26057953	C4orf46/C4orf46,ETFDH	0.00335957	0.00764223	0.589231	-1.69713	0.0921391	1.33104	1.33104	0.00166443	2.68816	1.33104	0.00166443	2.68816	0.0243284	0.974716	-1.02594	0.299593	0.847199	-1.18036	0.0227567	1.49457	1.49457	0.0239416	1.0327	1.0327	0.940971	1.1296	1.1296	0.516355	0.090027	-1.11008	0.77183	2.69938	0.295788	1
cg26757514	C4orf46/ETFDH	0.0223093	0.100502	1.17372	1.17372	1.033265	1.17193	1.17193	0.45162	1.07066	1.07066	0.125866	0.862905	-1.15888	0.244488	1.11449	1.11449	0.008328	0.740653	-1.35016	0.0141197	0.763637	-1.30952	0.852943	1.01666	1.01666	0.128233	1.15765	1.15765	4.53216	0.568928	0.111583	1
cg18740810	C4orf47	0.000202874	0.00112267	0.317854	-3.1461	0.88203	0.965103	-1.03614	0.669677	0.902486	-1.10805	0.00231237	0.361416	-2.76689	1.01E-05	0.103861	-9.62828	0.051209	0.588108	-1.70037	0.000100559	0.192304	-5.2031	0.735731	1.08374	0.0189995	0.507131	-1.97188	18.3002	16.5689	0.804791	1
cg02634187	C4orf47,C4orf47	0.00190687	0.2269	1.2681	1.2681	0.000347988	0.318719	-1.11702	0.0199538	0.7895598	-1.26658	0.0159369	0.6418485	1.5582	0.0005706	0.2202	-4.54089	0.003318	0.455927	-2.21277	0.0099972	0.18696	-5.34906	0.470086	0.520231	-1.92222	0.694278	1.08168	1.08168	4.77666	6.17732	0.556184	1
cg16107001	C4orf48/C4orf48	0.00325936	0.0305535	1.66089	1.66089	4.54E-06	0.122107	-8.18955	0.176376	1.33229	1.33229	0.924901	1.019	1.019	0.593249	1.11362	1.11362	0.193277	1.31626	1.31626	0.623751	1.10372	1.10372	0.998662	1.00033	1.00033	0.346641	1.21343	1.21343	16.0806	10.1474	0.560917	1
cg00908914	C4orf48/C4orf48	0.00608934	0.656334	0.957637	-1.04439	0.617374	0.904937	-1.10695	0.562387	0.86772	-1.15245	0.2920636	1.12302	1.12302	0.0125787	0.890443	-1.12317	0.141383	0.85826	-1.16515	0.286361	1.12425	1.12425	0.405404	1.25459	1.25459	0.121761	1.56365	1.56365	6.062212	6.81862	0.9998113	1
cg16045011	C4orf48/C4orf48	0.00112215	1.05E-05	0.223104	-4.4782	0.234663	0.820092	-1.21938	0.578412	0.109349	0.8202	0.106091	0.036391	0.79701	0.104189	0.61405	-1.62866	0.887584	1.02278	1.02278	0.383663	0.736817	-1.35719	0.266538	0.831673	-1.2024	0.80321	0.961026	0.14506	15.1385	4.57195	0.35688	1
cg02493486	C4orf48/C4orf48	0.00387014	0.0848753	1.24955	1.24955	0.00197647	1.66704	1.66704	0.000446068	1.91122	1.91122	0.68133	1.06231	1.06231	0.973342	1.00391	1.00391	0.650868	1.05471	1.05471	0.0378411	0.754611	-1.32519	0.493765	0.921961	-1.08464	0.0140475	1.4255	1.4255	7.93093	1.71702	0.192442	1
cg07234028	C4orf48/C4orf48	0.0065784	0.45579	1.15015	1.15015	0.2626102	0.332586	-3.00528	0.0418557	0.402442	-2.47843	0.148801	0.406321	-2.45802	0.00454925	0.113499	-8.98075	0.0573994	0.157709	-6.33905	0.00655943	0.128623	-7.77465	0.840252	0.948387	-1.12437	0.104031	0.356179	-2.80758	4.14109	18.2553	4.74913	1
cg04731813	C4orf48/C4orf48	0.0105704	0.00382656	1.36113	1.36113	0.912486	1.08073	1.08073	0.00717355	1.31586	1.31586	0.00400672	1.35769	1.35769	0.107571	1.14898	1.14898	0.702228	1.03084	1.03084	0.038745	0.827567	-1.20836	0.887692	0.988888	-1.01124	0.403429	1.06995	1.06995	6.406	0.575033	0.0880296	1
cg06329564	C4orf48/C4orf48	0.00803753	0.00104598	0.490407	-2.03945	0.0497102	0.641205	-1.56021	0.0501552	0.314044	-3.18253	0.0133213	0.570079	1.75439	0.00054407	0.604707	-1.65355	0.882904	1.0001	1.0001	0.0015377	0.646488	1.54634	0.00128729	0.0914296	-10.9374	0.0113938	0.689002	-1.45107	0.02076	1.52156	0.513538	0.580646	1
cg05349245	C4orf49	0.00277189	0.00257081	0.222684	-4.49067	0.00977797	0.309181	-3.23436	0.357966	0.712006	-1.40448	0.347632	1.41548	1.41548	0.000925553	0.16912	-5.91295	0.002780	0.22722	-4.40102	0.00218709	0.213528	-4.68323	0.0154746	0.343942	-2.90746	0.0325926	0.407106	-2.45636	8.76108	17.9146	1.81759	1
cg04606779	C4orf49	0.00296521	0.00162619	0.23201	-4.30979	0.00849164	0.33726	-2.96507	0.496766	1.25012	1.25012	0.232141	1.49994	1.49994	0.00390982	0.284615	-3.51352	0.0185771	0.39717	-2.51781	0.00118446	0.214703	-4.65761	0.0165469	0.387834	-2.57842	0.0331762	0.446814	-2.23807	8.58733	14.2371	1.47362	1
cg04080724	C4orf49	0.00303634	0.134442	0.760105	-1.31562	0.0843533	0.439433	-2.27616	0.00435299	1.89913	1.89913	0.0147121	1.85794	1.85794	0.00100757	0.21897	-4.56802	0.0227567	0.49457	1.49457	0.0244016	1.0327	1.0327	0.940971	1.1296	1.1296	0.516355	0.090027	-1.11008	0.77183	2.69938	0.295788	1
cg00178864	C4orf49	0.00399162	0.00400243	0.490252	-2.03977	0.0600111	0.676358	-1.47851	0.0468662	0.657485	-1.52095	0.338203	1.19956	1.19956	0.00552134	0.510596	-1.9585	0.00652619	0.521313	-1.91823	0.00152107	0.431101	-2.31964	0.00398521	0.489982	-2.04089	0.0101571	0.550182	-1.81758	7.85746	4.22704	0.478192	1
cg23860422	C4orf49	0.01692378	0.0503259	1.35856	1.35856	0.3268159	0.515355	-1.93966	0.0829559	0.5139	-1.94596	0.0603662	1.13218	1.13218	0.477726	1.05098	1.05098	0.0129547	1.29598	1.29598	0.0127952	0.647628	1.54384	0.0480854	0.640585	1.56162	0.0170575	0.614466	1.62744	0.0140585	1.58362	0.476095	0.7387	1
cg16879197	C4orf50	0.00027068	0.490798	0.919161	-1.08795	0.0243201	0.181366	1.38166	0.00144307	0.453782	-2.2037	0.941263	0.991164	-1.00891	0.00031247	0.497037	-2.01192	0.18279	-1.18562	1.18562	3.31E-05	0.378913	-2.63913	0.3615	0.835207	-1.19731	0.0339834	0.742231	1.34729	17.7488	0.07758	0.204212	1
cg00958560	C4orf50	0.00158475	0.592885	0.915177	-1.09268	0.660246	1.07516	1.07516	0.000385408	0.394443	-2.53522	0.551437	0.905772	-1.10403	0.479236	1.12571	1.12571	0.00171865	0.479582	2.08515	0.00186086	0.48424	-2.06509	0.622203	1.08499	1.08499	0.000810759	0.43621	-2.29247	10.3149	4.40669	0.379747	1
cg07612978	C4orf50	0.00460882	0.358562	0.944192	-1.1713	0.6060558	0.742746	-1.37775	0.0833403	0.554855	-1.80259	0.3392621	0.860564	0.989881	0.5152	1.009855	1.009855	0.376264	0.774964	1.29065	0.0731203	0.676268	-1.47899	0.2222	0.511172	-1.95655	0.5788	0.881	0.881	0.0127853	1.13635	0.0112	0.0112065	0.881	0.131512	1
cg16045011	C4orf48/C4orf48	0.00112215	1.05E-05	0.223104	-4.4782	0.234663	0.820092	-1.21938	0.578412	0.109349	0.8202	0.106091	0.036391	0.79701	0.104189	0.61405	-1.62866	0.887584	1.02278	1.02278	0.383663	0.736817	-1.35719	0.266538	0.831673	-1.2024	0.80321	0.961026	0.14506	15.1385	4.57195	0.35688	1
cg02493486	C4orf48/C4orf48	0.00387014	0.0848753	1.24955	1.24955	0.00197647	1.66704	1.66704	0.000446068	1.91122	1.91122	0.68133	1.06231	1.06231	0.973342	1.00391	1.00391	0.650868	1.05471	1.05471	0.0378411	0.754611	-1.32519	0.493765	0.921961	-1.08464	0.0140475	1.4255	1.4255	7.93093	1.71702	0.192442	1
cg07234028	C4orf48/C4orf48	0.0065784	0.45579	1.15015	1.15015	0.2626102	0.332586	-3.00528	0.0418557	0.402442	-2.47843	0.148801	0.406321	-2.45802	0.00454925	0.113499	-8.98075	0.0573994	0.157709	-6.33905	0.00655943	0.128623	-7.77465	0.840252	0.948387	-1.12437	0.104031	0.356179	-2.80758	4.14109	18.2553	4.74913	1
cg04731813	C4orf48/C4orf48	0.0105704	0.00382656	1.36113	1.36113	0.912486	1.08073	1.08073	0.00717355	1.31586	1.31586	0.00400672	1.35769	1.35769	0.107571	1.14898	1.14898	0.702228	1.03084	1.03084	0.038745	0.827567	-1.20836	0.887692	0.988888	-1.01124	0.403429	1.06995	1.06995	6.406	0.575033	0.0880296	1
cg06329564	C4orf48/C4orf48	0.00803753	0.00104598	0.490407	-2.03945	0.0497102	0.641205	-1.56021	0.0501552	0.314044	-3.18253	0.0133213	0.570079	1.75439	0.00054407	0.604707	-1.65355	0.882904	1.0001	1.0001	0.0015377	0.646488	1.54634	0.00128729	0.0914296	-10.9374	0.0113938	0.689002	-1.45107	0.02076	1.52156	0.513538	0.580646	1
cg05349245	C4orf49	0.00277189	0.00257081	0.222684	-4.49067	0.00977797	0.309181	-3.23436	0.357966	0.712006	-1.40448	0.347632	1.41548	1.41548	0.000925553	0.16912	-5.91295	0.002780	0.22722	-4.40102	0.00218709	0.213528	-4.68323	0.0154746	0.343942	-2.90746	0.0325926	0.407106	-2.45636	8.76108	17.9146	1.81759	1
cg04606779	C4orf49	0.00296521	0.00162619	0.23201	-4.30979	0.00849164	0.33726	-2.96507	0.496766	1.25012	1.25012	0.232141	1.49994	1.49994	0.00390982	0.284615	-3.51352	0.0185771	0.39717	-2.51781	0.00118446	0.214703	-4.65761	0.0165469	0.387834	-2.57842	0.0331762	0.446814	-2.23807	8.58733	14.2371	1.47362	1
cg04080724	C4orf49	0.00303634	0.134442	0.760105	-1.31562	0.0843533	0.439433	-2.27616	0.00435299	1.89913	1.89913	0.0147121	1.85794	1.85794	0.00100757	0.21897	-4.56802	0.0227567	0.49457	1.49457	0.0244016	1.0327	1.0327	0.940971	1.1296	1.1296	0.516355	0.090027	-1.11008	0.77183	2.69938	0.295788	1
cg00178864	C4orf49	0.00399162	0.00400243	0.490252	-2.03977	0.0600111	0.676358	-1.47851	0.0468662	0.657485	-1.52095	0.338203	1.19956	1.19956	0.00552134	0.510596	-1.9585	0.00652619	0.521313	-1.91823	0.00152107	0.431101	-2.31964	0.00398521	0.489982	-2.04089	0.0101571	0.550182	-1.81758	7.85746	4.22704	0.478192	1
cg23860422	C4orf49	0.01692378	0.0503259	1.35856	1.35856	0.3268159	0.515355	-1.93966	0.0829559	0.5139	-1.94596	0.0603662	1.13218	1.13218	0.477726	1.05098	1.05098	0.0129547	1.29598	1.29598	0.0127952	0.647628	1.54384	0.0480854	0.640585	1.56162	0.0170575	0.614466	1.62744	0.0140585	1.58362	0.476095	0.7387	1
cg16879197	C4orf50	0.00027068	0.490798	0.919161	-1.08795	0.0243201	0.181366	1.38166	0.00144307	0.453782	-2.2037	0.941263	0.991164	-1.00891	0.00031247	0.497037	-2.01192	0.18279	-1.18562	1.18562	3.31E-05	0.378913	-2.63913	0.3615	0.835207	-1.19731	0.0339834	0.742231	1.34729	17.7488	0.07758	0.204212	1
cg00958560	C4orf50	0.00158475	0.592885	0.915177	-1.09268	0.660246	1.07516	1.07516	0.000385408	0.394443	-2.53522	0.551437	0.905772	-1.10403	0.479236	1.12571	1.12571	0.00171865	0.479582	2.08515	0.00186086	0.48424	-2.06509	0.622203	1.08499	1.08499	0.000810759	0.43621	-2.29247	10.3149	4.40669	0.379747	1
cg07612978	C4orf50	0.00460882	0.358562	0.944192	-1.1713	0.6060558	0.742746	-1.37775	0.0833403	0.554855	-1.80259	0.3392621	0.860564	0.989881	0.5152	1.009855	1.009855	0.376264	0.774964	1.29065	0.0731203	0.676268	-1.47899	0.2222	0.511172	-1.95655	0.5788	0.881	0.881	0.0127853	1.13635	0.0112	0.0112065	0.881	0.131512	1
cg25093045	C4orf50	0.0057232	0.283047	0.192043	-2.55074	0.611199	0.830712	-1.20379	0.0419776	0.503283	-1.98683	0.2660354	0.752489	-1.32893	0.0001254	0.221611	-4.51312	0.938466	0.979152	-1.02133	0.837259	1.05779	1.05779	0.945366	0.980849	-1.01953	0.656127	-1.5241	0.429757	5.07587	11.8501	2.33507	1
cg16263563	C4orf50	0.00122454	0.0122747	0.166824	-5.99511	0.2626102	0.332586	-3.00528	0.0418557	0.402442	-2.47843	0.148801	0.406321	-2.45802	0.00454925	0.113499	-8.98075	0.0573994	0.157709	-6.33905	0.00655943	0.128623	-7.77465	0.840252	0.948387	-1.12437	0.104031	0.356179	-2.80758	4.14109	18.2553	4.74913	1
cg19640007	C4orf51	0.00410674	0.00402026	0.113882	-8.78102	0.00943222	0.278386	-3.59214	0.0093496	0.277762	-3.6002	0.0183943	0.329029	-3.03925	0.00142194	0.166298	-6.01329	0.141383	0.858256	-1.16515	0.286361	1.12425	1.12425	0.405404	1.25459	1.25459	0.121761	1.56365	1.56365	6.062212	6.81862	0.9998113	1
cg04957531	C4orf51	0.0147991	0.0778485	-1.33728	0.0888232	0.615399	-1.62973	0.164061	0.0829559	0.5139	-1.94596	0.0603662	1.13218	1.13218	0.477726	1.05098	1.05098	0.0129547	1.29598	1.29598	0.0127952	0.647628	1.54384	0.0480854	0.640585	1.56162	0.0170575	0.614466	1.62744	0.0140585	1.58362	0.476095	0.7387	1
cg02362506	C4orf52	0.00150336	0.4483324	1.806082	1.386.06	10.36	10.36	0.612085	0.90705	-1.10192	0.635338	0.755149	1.32424	1.32424	0.0044307	1.22585	1.22585	0.940173	1.01366	1.01366	0.19031	0.778325	-1.28481	0.23252	1.25385	1.25385	0.929523	1.01611	1.01611	12.1541	6.2846	0.459625	1
cg23135273	C4orf52	0.0170657	0.0854816	1.36106	1.36106	0.7975	0.262102	0.332586	-3.00528	0.0418557	0.402442	-2.47843	0.148801	0.406321	-2.45802	0.00454925	0.113499	-8.98075	0.0573994	0.157709	-6.33905	0.00655943	0.128623	-7.77465	0.840252	0.948387	-1.12437	0.104031	0.356179	-2.80758	4.14109	18.2553	4.74913	1
cg06380014	C4orf52	0.0274134	0.0582317	0.259038	-3.86044	0.052021	0.247835	-4.03495	0.252407	0.470252	-2.12652	0.214959	0.438446	-2.28078	0.008493	0.12003	-8.33126	0.117437	0.341932	-2.92456	0.0043938	0.090683	-11.0256	0.0073546	0.113021	-8.84789	0.0777592	0.290226	-3.44559	4.23379	26.7056	5.60687	1
cg11233738	C4orf6	0.00053997	0.0731049	0.583123	-1.96725	0.0295197	0.448926	-2.25403	0.0163871	0.33766	-2.96971	0.0936369	0.535712	-1.86667	0.0077595	0.169	-5.91716	0.101076	0.673276	-1.48528	0.0162451	1.62554	1.62554	0.159882	0.718312	-1.39215	0.670861	0.910217	-1.09854	4.09231	5.46405	0.883349	1
cg10585462	C4orf7/C4orf7	2.02E-05	6.17E-06	0.158236	-6.31969	0.0115784	0.562427	-1.77801	2.75E-05	0.221644	-4.51175	0.35229	0.830968	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047)	p-value(1057 vs. N)	Fold-Change(1 vs. 057)	p-value(1117 vs. N)	Fold-Change(1 vs. 117)	p-value(1127 vs. N)	Fold-Change(1 vs. 127)	p-value(1217 vs. N)	Fold-Change(1 vs. 217)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs. 477)	p-value(1537 vs. N)	Fold-Change(1 vs. 537)	p-value(5377 vs. N)	Fold-Change(1 vs. 5377)	p-value(5637 vs. N)	Fold-Change(1 vs. 637)	F(Test)	SS(Test)	SS(Error)	df
cg16284829	C5orf33;C5orf33	0.0397706	0.36565	1.0894	0.1884	1.0292815	0.174	1.1774	0.0110764	1.31845	0.13745	1.04628	0.64208	1.04095	1.04095	0.983996	0.998261	-1.00174	0.8318854	1.1584	1.0184	0.00515977	0.725784	1.03981	1.05981	1.60894	0.4402246	0.106024	1
cg22510662	C5orf33;C5orf33	0.040608	0.133636	0.48826	-2.04809	0.6275108	0.80519	-1.24194	0.126116	0.480291	-2.08207	0.0182391	0.254283	-3.93263	0.0199814	0.288146	3.47047	0.342628	0.648393	-1.54227	0.17011	0.5233367	-1.91071	0.2834408	1.63865	1.63865	0.00703684	0.213547	-4.68282	3.66271	11.391	2.76445	1
cg22755968	C5orf33;C5orf33	0.0460343	0.294793	0.830747	-1.20374	0.0458657	1.47784	1.47784	0.510122	1.12077	1.12077	0.699592	0.93597	-1.06841	0.216203	0.808302	-1.2487	0.645252	0.923937	-1.08232	0.0520466	0.68579	-1.45817	0.8669772	0.971795	-1.02902	0.00610729	1.84189	1.84189	3.49561	1.61242	0.4100818	1
cg05465935	C5orf33;C5orf33	0.0103248	0.0848357	1.588407	-1.69927	0.20901	1.44549	1.44549	0.172878	0.6679297	-1.49716	0.6568697	1.13246	1.13246	0.0104959	0.408147	-2.45013	0.0104643	0.407953	-2.45141	0.0055873	0.361312	-2.75246	0.0267149	0.145949	-3.17539	0.717552	0.003869	-1.10635	5.85042	7.17263	1.08978	1
cg10535709	C5orf34	0.0112135	0.0199125	0.419093	-2.38611	0.0177808	0.409893	-2.43966	0.00486307	0.314915	-3.17546	0.607794	0.85197	-1.1775	0.00206812	0.261207	-3.82838	0.211606	0.665475	-1.50269	0.642168	1.15583	1.15583	0.469915	0.796514	-1.25547	0.00643339	1.333941	2.99541	6.64166	1.34831	1
cg24043192	C5orf34	0.043216	0.00882144	0.436881	-2.28895	0.0625393	1.68296	1.68296	0.135411	1.49135	1.49135	0.796171	0.937736	1.06064	1.06064	0.12075	8.658421	1.15878	0.961828	-1.03969	0.0394535	0.553428	-1.80692	0.937913	0.980839	-1.01954	0.314843	1.2945	1.2945	3.57917	1.49634	0.3683117	1
cg20545087	C5orf34;C5orf34	0.0061716	0.518946	0.941015	-1.06268	0.301647	1.10462	1.10462	0.0196076	1.29979	1.29979	0.00427959	0.700944	-1.42665	0.701152	1.03651	1.03651	0.00505472	0.708429	-1.41157	0.0875268	0.839137	-1.1917	0.864941	1.01596	1.01596	0.00902511	1.36158	1.36158	6.87705	0.94168	0.1217166	1
cg16988104	C5orf34;C5orf34	0.0368555	0.685326	0.902122	-1.1083	0.6224928	1.19554	1.19554	0.0390445	1.8266	1.8266	0.822357	0.944727	-1.05851	0.0914445	0.627176	-1.59445	0.45228	0.823971	-1.21353	0.0144359	0.4655545	-2.14802	0.386053	0.759961	-1.32282	0.28548	1.32379	1.32379	3.79527	3.84299	0.9000566	1
cg19977964	C5orf35	4.95E-05	0.881467	0.975293	-1.02533	0.5915111	1.09508	1.09508	0.321709	1.18726	1.18726	0.67382	0.931481	-1.09756	0.0137432	0.957298	-1.04954	0.697043	0.993661	-1.00638	3.81E-07	0.0870518	-11.4874	0.807114	1.04187	1.04187	0.173578	0.785358	-1.27331	26.6931	11.8844	0.3957754	1
cg10535097	C5orf35	0.0039376	0.00819556	2.61694	2.61694	0.696032	0.894355	-1.11812	0.0159862	0.432237	-2.31355	0.231459	1.42893	1.42893	0.00292492	0.312697	-3.19798	0.101973	1.66369	1.66369	0.00355669	0.325206	-3.07497	0.101427	1.66529	1.66529	0.721487	0.903219	-1.10715	7.89149	10.1074	1.13849	1
cg10590081	C5orf35	0.0199455	0.327749	1.07891	-1.24243	0.0316997	1.48058	1.48058	0.0160688	1.52822	1.45682	0.0160688	1.52822	1.45682	0.0160688	1.52822	-1.24207	?	?	?	?	?	?	?	?	?	?	0.725598	1.02028	1.20928	4.00183	1.73588	0.409381	1
cg08400814	C5orf35	0.0239292	0.069277	0.649201	-1.54035	0.567323	0.884532	-1.13077	0.601299	1.11859	1.11859	0.129576	0.706023	-1.41639	0.705671	0.922513	-1.084	0.57375	1.12843	1.12843	0.0508597	0.935235	-1.06935	0.345722	1.22028	1.22028	0.928391	1.01929	1.42392	3.16504	0.636126	1
cg14821925	C5orf35	0.0015766	0.179063	1.646476	1.484476	0.0033378008	0.3110387	-1.02035	0.0633702	0.3709992	-1.92559	0.0609741	0.556769	-1.29068	0.00328093	0.178817	-5.59232	0.022196	0.467262	-2.14013	0.00473323	0.353146	-2.83169	0.0189754	0.552293	-1.80855	0.00250953	0.112237	-3.26269	0.1983	0.682255	1
cg22655715	C5orf36	0.0196506	0.595765	1.11882	1.11882	0.000405042	0.313497	-1.18982	0.00223035	0.40736	-2.45483	0.185953	0.74523	-1.34187	0.00233999	1.7748	1.7748	0.883949	0.969837	-1.0311	0.1167198	1.36174	1.36174	0.0631352	0.645144	-1.55004	0.339643	0.813534	-1.2292	8.01486	5.58149	0.6190115	1
cg16459552	C5orf36	0.0057091	0.289849	0.684387	-1.46116	0.42733	1.32282	1.32282	0.0563849	0.474361	-2.10809	0.242223	0.655399	-1.52579	0.00144031	0.210473	-9.55017	0.858544	0.940274	-1.06352	0.58154	1.21186	1.21186	0.569861	1.21927	1.21927	0.009536	0.321944	-3.10613	7.04624	13.2983	1.67759	1
cg19344553	C5orf36	0.0634753	0.018985	-1.61965	0.0105144	0.338757	-2.95197	0.395262	0.831581	-1.22913	0.0114653	0.549388	-1.81822	0.0238888	0.522808	-1.91242	1.83972	0.389747	0.402333	-2.48511	0.0014006	0.181868	1.05592	1.05592	0.682202	1.10246	1.10246	5.30674	4.17922	0.790479	1
cg19507638	C5orf36	0.0220484	0.60882	0.875091	-1.14274	0.937062	0.979792	-1.02062	0.116689	0.643635	-1.55368	0.799545	1.06799	1.06799	0.0192729	0.481063	-2.07873	0.025265	0.502741	-1.9891	0.000958097	0.280345	-3.56703	0.925291	1.02454	1.02454	0.101656	0.629525	-1.58919	4.55051	4.8159	0.940729	1
cg05662143	C5orf36	0.0382762	0.705428	0.91571	-1.09202	0.202575	1.03088	-1.36596	0.555846	0.837096	-1.1481	0.401579	1.19448	1.19448	0.0266855	0.543976	-1.83832	0.804814	0.944219	-1.05908	0.00154921	2.35479	2.35479	0.0506507	1.67535	1.67535	0.758177	0.909355	-1.07421	3.7432	3.18579	0.756522	1
cg25584787	C5orf36;C5orf36	0.0165444	0.677139	0.911937	-1.09707	0.0308301	0.400502	-2.49624	0.0815158	0.596912	-1.67529	0.307886	1.32883	1.32883	0.0144936	0.444247	-2.2511	0.426072	0.803384	-1.24473	0.130855	1.5518	1.5518	0.142808	1.25312	1.25312	0.726174	1.09938	1.09938	1.73364	4.29044	1.402145	1
cg17865290	C5orf36;C5orf36	0.0070462	0.0838729	0.839707	-1.19089	0.0324755	0.795627	-1.25687	4.33E-05	0.492144	-2.03193	0.350313	1.09177	1.09177	0.0404368	0.805602	-1.24131	0.0303228	1.26179	1.26179	0.000553316	0.612884	-1.63163	0.426915	0.928592	-1.0769	0.0152753	0.761832	-1.31263	12.9869	1.71559	0.1174423	1
cg04977418	C5orf36;C5orf36;ANKRD32	0.0154983	0.863978	1.01956	1.01956	0.000360391	0.649634	-1.05611	0.0165497	0.750923	-1.33125	0.204555	1.42061	1.42061	0.0444843	0.222572	-4.49355	0.0822366	0.995031	-1.00479	0.0104946	0.694178	-1.44066	0.8128265	1.29577	1.29577	0.0635697	1.260557	-1.52493	1.08481	0.179482	1
cg24117592	C5orf36;C5orf36;ANKRD32	0.0254659	0.992758	0.995692	-1.00433	0.8601187	0.708753	1.08753	0.103336	2.33394	2.33394	0.360401	0.603041	-1.65826	0.0105292	0.216289	-6.62344	0.047146	0.399381	-2.50455	0.0841287	0.400169	-2.49855	0.888259	1.06917	1.06917	0.00375914	0.155559	-6.42845	4.32931	15.5176	3.18605	1
cg09592186	C5orf36;C5orf36;MIR1974	0.0063842	0.965589	0.987677	1.012355	0.7744597	1.06455	1.06455	0.0758116	1.32736	1.32736	0.0147944	0.675793	0.422196	0.0147944	0.675793	-1.48006	0.802707	1.03758	1.03758	0.0221952	0.77905	-1.28375	0.0777764	0.88473	1.13047	0.0184473	0.0152188	0.530284	-1.88578	0.862648	0.85619	1.13611	1
cg07042077	C5orf37	0.0026180	0.604827	0.945264	-1.05791	0.063698	1.25206	1.25206	0.00155819	1.63289	1.63289	0.559779	0.93839	-1.06566	0.175887	1.16788	1.16788	0.273835	1.884449	-1.13065	9.28E-05	2.12158	2.12158	0.780249	1.03062	1.03062	0.2834585	1.12768	1.12768	8.91008	1.64088	0.1636998	1
cg09366796	C5orf37	0.0088754	0.00321051	2.513804	-3.94004	0.0993214	0.324848	-1.07837	0.00224622	0.23263	-4.29868	0.233839	0.653441	-1.53036	0.157262	0.597121	-1.6747	0.147624	1.68833	1.69833	0.460601	0.778172	-1.28506	0.0115187	0.340493	-2.93692	0.0726338	0.505202	-1.97941	1.13944	11.301	1.6362	1
cg20680258	C5orf37	0.0122966	0.0243372	1.991512	1.174437	0.0106702	0.565772	-1.75	0.124397	0.577552	-1.73205	0.0497751	0.464915	-2.15093	0.0524169	0.192853	-5.18608	0.0121905	0.345347	-2.89511	0.0134648	0.206855	-4.83431	0.0158054	0.153265	-3.02787	0.165985	0.603158	-1.65794	5.02947	10.3578	1.649	1
cg06430061	C5orf37	0.0228553	0.0641772	0.269906	-3.705	0.0512582	0.247181	-4.04563	0.608944	1.38389	1.38389	0.311464	0.517185	-1.93354	0.00802267	0.177777	-5.49065	0.069901	0.279101	-3.58293	0.00290534	0.0759947	-13.1588	0.0154399	0.153937	-6.49618	0.328274	0.529738	-1.88773	4.49462	28.2236	5.58171	1
cg09557199	C5orf37;C5orf37	0.0056770	0.200093	0.68747	-1.46742	0.0035053	0.196671	-3.16118	0.0023844	0.568144	-1.75928	0.474407	1.2287	1.2287	0.0681796	0.562554	-1.77836	0.0029869	0.315227	-3.17232	0.0005056617	0.12537	-7.97433	0.0014434	0.301434	-3.31776	0.0396583	0.407017	-2.05332	2.89543	8.79434	1.13016	1
cg25104584	C5orf37;C5orf37	0.0061961	0.0158706	-1.76555	-1.30267	0.952197	0.991786	-1.00828	0.00403388	2.1693	2.1693	0.127154	0.796802	-1.25502	0.529149	0.915559	-1.09175	0.214993	1.835505	-1.19688	0.00770398	0.624111	-1.60228	0.328484	0.870338	-1.14898	0.637783	1.06832	1.06832	0.57854	2.06296	0.2669	1
cg21629500	C5orf38	0.0066738	0.8540021	0.858439	-1.1649	0.0639801	5.61314	5.61314	0.0832028	4.90016	4.90016	0.174123	3.31361	3.31361	0.392313	0.483749	-2.06719	0.0368628	7.45564	7.45564	0.000898285	61.4694	61.4694	0.00990011	14.8842	14.8842	0.00167387	41.4201	41.4201	6.71613	73.0369	9.66652	1
cg23164183	C5orf38	0.0142710	0.5567368	1.052636	1.052636	0.1524258	1.31445	1.31445	0.0145058	1.83112	1.83112	0.637883	1.15491	1.15491	0.0179423	0.546329	-1.83054	0.507764	1.454025	1.454025	-2.22116	0.0707313	1.65127	1.65127	0.0707313	69.429	69.429	0.004044493	121.582	121.582	5.94085	129.001	16.9345	1
cg03570636	C5orf38	0.0143166	0.980788	1.01144	1.01144	0.6664409	2.64141	2.64141	0.0497263	0.998381	-1.00162	0.00150601	0.665965	0.665965	0.848052	0.913383	1.09483	0.007173	1.567	1.567	0.0076667	0.234657	5.24357	0.801905	1.12607	1.12607	0.0676115	2.6302	2.6302	5.26104	18.5877	3.14051	1
cg13337946	C5orf38	0.0208208	0.0756737	1.3167	1.3167	0.0153995	1.08436	1.08436	0.0133746	1.38196	1.38196	0.0147944	0.675793	0.422196	0.0147944	0.675793	-1.48006	0.802707	1.03758	1.03758	0.0221952	0.77905	-1.28375	0.0777764	0.88473	1.13047	0.0184473	0.0152188	0.530284	-1.88578	0.862648	0.85619	1.13611	1
cg23248357	C5orf38	0.0202655	0.0586687	0.81814	1.01814	0.0607359	10.555	10.555	0.0585323	10.8288	10.8288	0.711317	1.51338	1.51338	0.456429	0.429375	-2.32897	0.62456	1.73288	1.73288	0.00134936	179.386	179.386	0.0388809	14.374	14.374	0.0154138	27.4844	27.4844	4.68351	92.1582	14.4908	1
cg11793269	C5orf38;IRX2;IRX2	0.000687269	0.622211	0.914556	-1.09343	0.0210235	2.17689	2.17689	0.180334	1.29157	1.29157	5.34E-05	3.88104	3.88104	0.700524	0.932858	-1.07197	0.000149553	2.3265	2.3265	0.0948186	1.3912	1.3912	0.867579	0.970435	-1.03047	0.696669	1.07299	1.07299	13.078	6.69904	0.455322	1
cg19679633	C5orf38;IRX2;IRX2;C5orf38	0.0101546	0.965589	0.987677	1.012355	0.7744597	1.06455	1.06455	0.0758116	1.32736	1.32736	0.0147944	0.675793	0.422196	0.0147944	0.675793	-1.48006	0.802707	1.03758	1.03758	0.0221952	0.77905	-1.28375	0.0777764	0.88473	1.13047	0.0184473	0.0152188	0.530284	-1.88578	0.862648	0.85619	1.13611	1
cg18148997	C5orf39	2.89E-08	0.0220367	0.799149	-1.25133	0.4050007	1.07204	1.07204	0.496199	1.05803	1.05803	4.16E-06	2.38724	2.38724	7.37E-08	4.33826	4.33826	0.000124973	1.72587	1.72587	7.77E-09	7.04842	7.04842	3.03E-09	9.0231	9.0231	0.0425542	2.21004	2.21004	18.0056	19.0084	0.0938394	1
cg03725310	C5orf39	0.0067756	0.0845927	0.642409	-1.55677	0.0004006	0.729399	-1.48061	0.0553546	0.55148	1.55148	0.0496136	0.69136	1.44607	0.0496136	0.69136	-1.44607	7.63E-05	4.2096	4.2096	2.25E-05	1.325	0.754826	0.0500525	-1.69341	0.428093	0.846442	-1.18086	16.5768	36.593	0.574021	1
cg22055815	C5orf39	0.0426140	0.083216	0.609352	-1.64109	0.503544	1.19165	1.19165	0.883911	0.962966	-1.03846	1.44E-05	10.2831	10.2831	1.07E-06	26.7943	26.7943	0.000104297	5.881445	5.881445	2.30E-06	19.6344	19.6344	0.432964	2.813277	-1.22959	0.62089	2.13743	1.13743	17.4553	88.0867	0.939212	1
cg01313313	C5orf39	6.61E-06	0.0468002	0.450398	-2.22026	0.526221	1.25579	1.25579	0.171647	0.596842	-1.67549	2.45E-05	19.6637	19.6637	3.93E-06	45.0547	45.0547	0.000152908	10.0008	10.0008	3.59E-06	47.1871	47.1871	8.91E-06	30.4194	30.4194	0.954838	0.9801115	-1.02029	45.1597	89.9626	1.77076	1
cg07551059	C5orf39	7.11E-06	0.82629	0.938307	-1.06533	0.4414433	0.113356	2.15973	0.0447744	2.88393	2.88393	0.401595	0.673868	-1.48397	0.176229	0.516279	-1.93694	4.39E-05	4.4786	4.4786	1.52E-06	0.2995	-3.33962	0.0093123	0.644642	-1.55106	0.2766	-3.61494	0.428709	-2.33269	1.18886	16.5768	36.593	0.574021	1
cg22055815	C5orf39	0.0426140	0.083216	0.609352	-1.64109	0.503544	1.19165	1.19165	0.883911	0.962966	-1.03846	1.44E-05	10.2831	10.2831	1.07E-06	26.7943	26.7943	0.000104297	5.881445	5.881445	2.30E-06	19.6344	19.6344	0.432964	2.813277	-1.22959	0.62089	2.13743	1.13743	17.4553	88.0867	0.939212	1
cg20938702	C5orf39	0.036372	0.0372958	0.321567	-3.10977	0.0837557	0.407272	-2.45536	0.45261	0.698272	-1.43211	0.487909	1.39204	1.39204	0.76595	1.15041	1.15041	0.000152908	10.0008	10.0008	3.59E-06	47.1871	47.1871	8.91E-06	30.4194	30.4194	0.954838	0.9801115	-1.02029	45.1597	89.9626	1.77076	1
cg19930474	C5orf39;C5orf39	0.0074451	0.0194888	-1.08965	0.0095	0.0036367	0.196571	-3.16118	0.0023844	0.568144	-1.75928	0.474407	1.2287	1.2287	0.0681796	0.562554	-1.77836	0.0029869	0.315227	-3.17232	0.0005056617	0.12537	-7.97433	0.0014434	0.301434	-3.31776	0.0396583	0.407017	-2.05332	2.89543	8.79434	1.13016	1
cg26942801	C5orf39;C5orf39	0.0074435	0.0188617	0.916884	-1.09066	0.0204204	0.533059	-1.87533	0.0229388	0.274664	0.0326752	0.167422	-3.72166	0.778688	0.893278	1.11947	0.383974	0.0001548	0.291251	3.431704	0.0145001	0.0183782	2.284243	0.513812	0.295241	3.38644	0.0145001	0.0183782	2.284243	0.513812	0.295241	3.38644	0.0145001	1
cg08205639	C5orf39;C5orf39	0.0410744	0.0414906	0.23661	-4.22636	0.101524	0.333151	-3.00164	0.411366	0.597499	-1.67364	0.256105	2.06845	2.06845	0.0182336	5.79547	5.79547	0.462235	1.58222	1.58222	0.0592453	3.69028	3.69028	0.0987801	0.329637	-3.03364	0.561158	1.43369	1.43369	1.64729	21.7133	5.29179	1
cg00257271	C5orf39;LOC153684	0.0046105	0.0074253	0.744709	-1.34268	0.0154254	0.313445	-3.19034	0.0013278	0.0070553	0.0003619	0.0001056	0.242285	0.000236624	0.0001056	0.242285	-4.12395	0.000369599	0.843197	0.843197	0.0001056	0.242285	-4.12395	0.000369599	0.843197	0.843197	0.0001056	0.242285	-4.12395	0.000369599	0.843197	0.843197	0.0001056	0.242285	-4.12395	1
cg09741070	C5orf39;LOC153684	0.0033619	0.382351	0.627487	-1.59366	0.926698	0.95326	-1.04903	0.398178	0.637638	-1.56829	0.0077025	6.1143	0.0130868	11.4044	11.4044	0.0026104	0.8745	0.8745	0.00393271	7.5256	7.5256	0.133339	0.430712	-2.32174	0.519017	0.711725	1.40504	2.87182	35.4501	0.380947	1
cg23564721	C5orf39;LOC153684	0.0149161	0.111452	0.547252	-1.82695	0.3080682	1.7643	1.7643	0.0158426	2.7599	2.7599	0.0003556	3.8312	3.8312	0.0247416	4.2516	4.2516	0.0165674	4.95208	4.95208	0.0032991	8.77525	8.77525	0.1109	0.4032824	-2.47964	0.974816	0.9831101	-1.01719	5.19033	25.9633	4.16393	1
cg17269733	C5orf39;LOC153684	0.0052444	0.4707356	-2.702059	1.0000	0.0189149	0.45039	-2.45039	0.327053	0.66064	-1.60064	0.0747592	0.507268	0.0105798	0.4591	0.4591	-2.4591	0.0129804	0.5189	0.5189	0.00477603	5.70652	5.70652	0.0308049	0.604541	-1.65312	0.0413114	0.3683861	0.651082	-1.53592	4.66512	15.9649	3.4311	1
cg05497240	C5orf4	0.0452569	0.682174	0.95054	-1.05203	0.1393134	1.21667	1.21667	0.0170775	1.45573	1.45573	0.028309	1.4087	1.4087	0.0241807	1.2663	1.2663	0.027938	1.3771	1.3771	0.0210643	1.40475	1.40475	0.269883	1.15205	1.15205	0.671345	0.948778	-1.05399	3.51598	0.845181	0.213674	1
cg02515290	C5orf4;C5orf4	0.0061857	0.856844	1.0319	1.0319	0.0380516	0.259759	-1.6719	0.00467974	0.314279	-3.18189	0.0009313	0.704874	1.04279	0.0009313	0.704874	-1.41943	0.0122902	0.610224	-1.63874	0.4441832	1.12684	1.12684	0.691912	0.939886	-1.06396	0.49914	2.898713	-1.1127	5.43214	2.0845	0.3410398	1
cg18505367	C5orf41;C5orf41;C5orf41	0.0089886	0.0120353	0.62652	-1.41443	0.113356	2.15973	2.15973	0.0447744	2.88393	2.88393	0.401595	0.673868	-1.48397	0.176229	0.516279	-1.93694	0.0029955	0.143017	-6.99218	0.0636299	0.15925	2.35925	0.0122323	2.35925	2.35925	0.0122323	2.35925	2.35925	0.0122323	2.35925	2.35925	0.0122323	2.35925	2.35925	1
cg16566113	C5orf41;C5orf41;C5orf41	0.0124266	0.265179	0.761641	-1.39637	0.0434603	0.512904	-1.94968	0.569763	1.17959	1.17959	0.0593874	1.84395	1.84395	0.440984	0.797775	-2.25349	0.0033555537	0.192337	5.19921	0.731596	0.899431	-1.11181	0.0625184	0.951385	-1.0511	0.922944	1.02821	1.02821	5.10259	7.21522	1.16385	1
cg25379161	C5orf41;C5orf41;C5orf41	0.0130589	0.0973449	0.454189	-2.20173	0.130205	0.492982	-2.02847	0.00184925	0.740722	0.40722	?	?	?	?	0.492826	0.741917	-1.34786	0.0108225	0.241795	-4.13574	0.439248	1.40259	0.330605	1.53927	1.53927	0.8846661	1.06404	1.06404	0.222664	15.6786	2.20466	1
cg06082624	C5orf41;C5orf41;C5orf41	0.0254893	0.0223324	0.712789	-1.40312	0.0156602	0.30867	-3.23967	0.0022474	0.68123	1.68123	0.61743	1.06427	1.06427	0.0001548	0.291251	3.431704	0.0145001	0.183782	2.284243	0.0513203	0.647887	1.54308	0.0020255	0.595252	1.67996	0.241422	0.1687	1.16377	0.463492	0.911838	-1.09669	4.32794	0.8944	1
cg11650037	C5orf41;C5orf41;C5orf41	0.0372427	0.0631313	0.769421	-1.29968	0.0719566	1.28646	1.28646	0.927927	0.988719	-1.01141	0.717861	0.955517	-1.04655	0.853785	0.977131	-1.0234	0.0055542	1.57911	1.57911	0.232265	0.85462	-1.17011	0.2155113	1.17759	1.17759	0.0467615	1.33043	1.33043	3.78084	0.941689	0.221395	1
cg16956456	C5orf41;C5orf41;C5orf41;C5orf41;C5orf41;C5orf41;C5orf41;C5orf41	0.00045431	0.0739361	0.870529	-1.14873	0.0024305	1.34153	1.34153	0.000384633	1.48354	1.48354	0.214667	0.913077	-1.0952	0.0515035	1.16686	1.16686	0.0939077	1.13681	1.13681	0.000179547	0.643031	-1.55514	0.0212338	0.824645	-1.21264	0.841405	1.01404	1.01404	14.6757	1.1264	0.0682248	1
cg12834306	C5orf41;C5orf44	0.0343278	0.00906056	1.74061	1.74061	0.0140033	1.56035	0.0648123	1.86841	1.86841	0.786477	1.06462	1.06462	0.322713	1.18612	1.18612	0.255435	1.21944	1.21944	0.300709	0.835944	-1.19625	0.432707	1.14315	1.14315	0.407972	1.15192	1.15192	4.89333	1.72221	0.393098	1
cg21077636	C5orf42	7.76E-05	0.0442742	0.629568	-1.58839	5.69E-06	7.74908	7.74908	0.114748	1.40986	1.40986	4.67E-05	4.65709	4.65709	0.0076815	1.98585	1.98585	0.000749584	2.78467	2.78467	0.931304	1.01742	1.01742	0.43556	0.852733	-1.1727	0.00244912	2.32592	2.32592	23.6881	15.046	0.564596	1
cg10498256	C5orf42	7.79E-05	0.0004513	2.947347	2.947347	4.96E-05	0.125218	2.64937	0.0001538	0.225215	4.44031	0.0001538	0.197079	5.07263	0.0001538	0.197079	5.07263	0.0001538	0.197079	5.07263	0.0001538	0.197079	5.07263	0.0001538	0.197079	5.07263	0.0001538	0.197079	5.07263	0.0001538	0.197079	5.07263	0.0001538	0.197079	5.07263	1
cg18818875	C5orf42	0.0042404	0.000680559	0.473704	0.948434	-1.05437	0.606768	1.03844	1.038447	0.389

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16582255	C6;C6	3.54E-05	?	?	?	0.0990089	0.732782	-1.36466	0.000265708	0.357237	-2.79926	0.000563127	0.39891	-2.50683	0.369688	1.17159	1.17159
cg03624528	C6;C6	0.00281888	0.000237877	0.115225	-8.67865	0.010321	0.317513	-3.14947	0.000917643	0.172296	-5.80397	0.977305	0.989952	-1.01015	0.0479202	0.448056	-2.23186
cg11976616	C6;C6	0.0147179	0.00578665	0.122407	-8.16947	0.111745	0.365584	-2.73535	0.019006	0.192106	-5.20545	0.243084	2.03329	2.03329	0.288631	1.89642	1.89642
cg04978451	C6;C6	0.0174594	0.0111807	0.339501	-2.9455	0.00500182	0.283086	-3.53249	0.0103778	0.333957	-2.9944	0.18277	0.618563	-1.61665	0.00704893	0.306247	-3.26534
cg11590974	C6;C6	0.0427006	0.0152732	0.0936101	-10.6826	0.0548022	0.176927	-5.65204	0.0424388	0.155943	-6.41258	0.0914174	0.22806	-4.38481	0.0158994	0.0955395	-10.4669
cg24955829	C6orf10	1.25E-07	0.10725	0.868117	-1.15192	0.000152752	1.68603	1.68603	1.81E-06	0.384173	-2.60299	0.266385	1.09763	1.09763	2.23E-08	0.185698	-5.38509
cg20966089	C6orf10	1.29E-05	0.27292	1.13233	1.13233	0.0255578	0.749042	-1.33504	0.118038	0.831225	-1.20304	0.846515	0.979114	-1.02133	0.0642672	1.25413	1.25413
cg07324546	C6orf10	1.68E-05	0.273876	1.34305	1.34305	0.000793895	0.269061	-3.71663	4.24E-05	0.133107	-7.51276	7.86E-05	0.157282	-6.358	6.96E-06	0.0759186	-13.172
cg16538674	C6orf10	9.87E-05	0.456329	0.835789	-1.19647	0.294578	0.773343	-1.29309	0.000418912	0.266469	-3.75278	9.99E-05	0.19555	-5.11378	0.000110735	0.200264	-4.9934
cg21293943	C6orf10	0.000238537	0.677855	0.921151	-1.0856	0.443915	0.857731	-1.16587	0.000365589	0.325447	-3.0727	0.0031618	0.452528	-2.20981	4.22E-05	0.216201	-4.62533
cg17361070	C6orf10	0.000348206	0.0480465	1.47124	1.47124	0.696931	1.06916	1.06916	0.0167939	0.607386	-1.6464	0.225058	0.804357	-1.24323	0.374723	0.855843	-1.16844
cg23807125	C6orf10	0.000466196	0.921207	0.967834	-1.03323	0.0214992	0.40147	-2.49085	0.00328636	0.266165	-3.75707	0.674438	1.14983	1.14983	0.594219	0.837206	-1.19445
cg14536697	C6orf10	0.00060719	0.163163	0.732188	-1.36577	0.0430999	0.614229	-1.62806	0.0463244	0.62002	-1.61285	0.855552	0.962557	-1.0389	7.88E-06	0.128734	-7.76798
cg26841074	C6orf10	0.00061077	0.773436	1.05609	1.05609	0.0175164	1.72744	1.72744	0.620794	1.09887	1.09887	0.256492	1.25097	1.25097	1.05E-05	0.168304	-5.94162
cg05198093	C6orf10	0.00127995	0.377714	0.858629	-1.16465	0.351335	0.850844	-1.1753	0.00163523	0.467814	-2.1376	0.0534835	0.691192	-1.44678	0.872717	1.02737	1.02737
cg26930925	C6orf10	0.00156665	0.570645	0.879965	-1.13641	0.427	0.834468	-1.19837	0.00181288	0.371775	-2.6898	0.14349	0.704167	-1.42012	0.0355421	0.579259	-1.72634
cg11848592	C6orf10	0.00161581	0.63759	0.891626	-1.12155	0.61308	0.884021	-1.13119	0.00049857	0.267991	-3.73147	0.376932	1.24506	1.24506	6.71E-05	0.171132	-5.84343
cg27507055	C6orf10	0.00166485	0.715073	0.959853	-1.04183	0.367725	1.10894	1.10894	0.258696	1.14077	1.14077	0.723929	1.04043	1.04043	0.00253931	0.626148	-1.59707
cg08475898	C6orf10	0.00166641	0.249413	0.81523	-1.22665	0.402631	0.864717	-1.15645	0.0316256	0.652056	-1.53361	0.0185371	1.62348	1.62348	0.225374	0.805675	-1.2412
cg18854413	C6orf10	0.00178037	0.028492	0.645328	-1.5496	0.000410215	0.386463	-2.58757	0.000882044	0.429737	-2.32701	0.00701239	0.553927	-1.80529	0.951526	0.989752	-1.01035
cg16564946	C6orf10	0.00273175	0.066161	0.635353	-1.57393	0.000765178	0.325685	-3.07045	0.00539288	0.44657	-2.23929	0.0243672	0.554076	-1.8048	0.000190214	0.250519	-3.99172
cg01860396	C6orf10	0.0028951	0.514982	0.805459	-1.24153	0.149007	0.602243	-1.66046	0.00473466	0.292464	-3.41922	0.00656131	0.314437	-3.18029	0.041789	0.463532	-2.15735
cg00874877	C6orf10	0.00421985	0.22331	0.649044	-1.54073	0.00261032	0.244519	-4.08966	0.00222186	0.235096	-4.25358	0.401163	0.74804	-1.33683	0.00608882	0.298267	-3.3527
cg05511778	C6orf10	0.00450375	0.161849	0.562323	-1.77834	0.581001	1.23966	1.23966	0.00214607	0.189881	-5.26645	0.00210204	0.188778	-5.29724	0.00146604	0.170306	-5.87179
cg08976526	C6orf10	0.00457882	0.381999	0.834921	-1.19772	0.767453	0.942074	-1.06149	0.0300116	0.598312	-1.67137	0.0306091	0.599796	-1.66723	0.000429148	0.325823	-3.06915
cg21534942	C6orf10	0.00513893	0.285241	0.845247	-1.18309	0.0649306	0.73055	-1.36883	0.000588424	0.447384	-2.23522	0.520033	0.905945	-1.10382	0.000233284	0.396675	-2.52096
cg26263563	C6orf10	0.00549839	0.0999456	0.675197	-1.48105	0.215974	0.752991	-1.32804	0.00105824	0.348203	-2.87189	0.0528148	0.619066	-1.61534	0.160831	0.72156	-1.38589
cg10818896	C6orf10	0.00606323	0.808485	0.930033	-1.07523	0.000901542	0.226776	-4.40964	0.00427695	0.319306	-3.13179	0.808057	0.929879	-1.07541	0.553741	1.19594	1.19594
cg21195277	C6orf10	0.00629549	0.0702068	0.455042	-2.1976	0.0104823	0.285597	-3.50144	0.00195324	0.182001	-5.49449	0.0127907	0.300287	-3.33014	0.00749943	0.262148	-3.81464
cg02808240	C6orf10	0.0063091	0.0622464	0.684666	-1.46057	0.0306667	0.632385	-1.58132	0.00832091	0.544037	-1.83811	0.0347959	0.641435	-1.559	0.717688	0.936571	-1.06772
cg20515400	C6orf10	0.00686153	0.0253554	0.338124	-2.9575	0.00389035	0.204763	-4.88369	0.0101917	0.26669	-3.74967	0.00369777	0.20183	-4.95466	0.00169935	0.160625	-6.22568
cg27064867	C6orf10	0.00749975	0.189285	0.779975	-1.28209	0.000710935	0.39794	-2.51294	0.00892459	0.55185	-1.81209	0.0376393	0.649907	-1.53868	0.592339	0.907932	-1.1014
cg12989473	C6orf10	0.00790766	0.511696	0.850617	-1.17562	0.84831	1.04765	1.04765	0.00920393	0.447629	-2.23399	0.682962	0.904995	-1.10498	0.000866428	0.296658	-3.37088
cg09452510	C6orf10	0.00999432	0.000584668	0.224529	-4.45377	0.571229	0.851453	-1.17446	0.16321	0.658202	-1.51929	0.88481	1.04158	1.04158	0.0233331	2.14179	2.14179
cg09177461	C6orf10	0.01044	0.176303	0.725945	-1.37752	0.0580004	0.620388	-1.61189	0.0944561	0.663948	-1.50614	0.462558	1.18129	1.18129	0.0273005	1.78937	1.78937
cg22499572	C6orf10	0.0116618	0.0359685	0.334661	-2.9881	0.00549301	0.194378	-5.14462	0.00138443	0.124903	-8.00623	0.114066	0.462425	-2.16251	0.0124944	0.248003	-4.03221
cg25457674	C6orf10	0.0117878	0.581456	1.27787	1.27787	0.00751641	0.219806	-4.54947	0.117228	0.472667	-2.11565	0.886296	0.938934	-1.06504	0.171527	0.526732	-1.8985
cg10453756	C6orf10	0.0122422	0.193766	0.793643	-1.26001	0.000404795	0.388659	-2.57295	0.273782	0.82578	-1.21098	0.811929	0.960726	-1.04088	0.0559534	0.694929	-1.439
cg09966430	C6orf10	0.0125937	0.886551	1.02826	1.02826	0.134243	0.729582	-1.37065	0.0481105	0.643374	-1.55431	0.325727	1.2191	1.2191	0.0439042	0.636278	-1.57164
cg02804047	C6orf10	0.0128923	0.00499083	0.611195	-1.63614	0.464549	0.90608	-1.10365	0.00740544	0.633104	-1.57952	0.220673	0.843159	-1.18602	0.298426	0.866922	-1.15351
cg11888105	C6orf10	0.0149716	0.0146247	0.567059	-1.76349	0.811753	0.955978	-1.04605	0.477439	0.872582	-1.14602	0.605767	0.90643	-1.10323	0.293967	1.22802	1.22802
cg19886087	C6orf10	0.0152167	0.2692	0.720259	-1.38839	0.280815	1.37668	1.37668	0.00939884	0.391019	-2.55742	0.178587	0.665282	-1.50312	0.269225	0.720272	-1.38836
cg03282991	C6orf10	0.0157147	0.346045	0.765403	-1.3065	0.938302	1.02156	1.02156	0.0166905	0.447065	-2.23681	0.984141	0.994539	-1.00549	0.00226169	0.30816	-3.24507
cg06545464	C6orf10	0.0159756	0.301248	0.827951	-1.2078	0.516662	0.890562	-1.12289	0.000965531	0.420577	-2.37768	0.00741831	0.54447	-1.83665	0.932358	0.985147	-1.01508
cg01665970	C6orf10	0.0161943	0.0172311	0.676733	-1.47769	0.0353533	0.71911	-1.39061	0.0210247	0.688305	-1.45285	0.341763	0.876502	-1.1409	0.357016	0.880318	-1.13595
cg25924085	C6orf10	0.0163025	0.273544	0.798541	-1.25228	0.00353347	0.458049	-2.18317	0.0107015	0.530803	-1.88394	0.324099	0.817862	-1.2227	0.00647687	0.497169	-2.01139
cg13318964	C6orf10	0.0169234	0.0305629	0.330887	-3.02218	0.096386	0.451798	-2.21338	0.0701722	0.414354	-2.41339	0.0730543	0.418906	-2.38717	0.00211093	0.152378	-6.56264
cg06192961	C6orf10	0.0174683	0.112154	0.517495	-1.93238	0.0292868	0.376089	-2.65895	0.0297517	0.3775	-2.649	0.00731075	0.267889	-3.7329	0.0026883	0.206021	-4.85387
cg03504446	C6orf10	0.0198251	0.946913	0.987966	-1.01218	0.178347	0.771055	-1.29692	0.0660515	0.68735	-1.45486	0.141333	1.33321	1.33321	0.0292843	1.59501	1.59501
cg00738945	C6orf10	0.021908	0.438609	1.2304	1.2304	0.0381767	0.532286	-1.87869	0.0572832	0.568686	-1.75844	0.366485	1.2757	1.2757	0.000926018	0.273031	-3.66259
cg00861856	C6orf10	0.0255374	0.285416	0.64379	-1.5533	0.0971576	0.485488	-2.05978	0.0088342	0.266312	-3.75499	0.936502	0.96887	-1.03213	0.0239718	0.343353	-2.91245
cg06012932	C6orf10	0.027966	0.0293001	0.25751	-3.88335	0.052755	0.312416	-3.20086	0.0494517	0.305857	-3.2695	0.0508456	0.308659	-3.23982	0.00399788	0.129489	-7.72265
cg01937212	C6orf10	0.028704	0.0185989	0.404013	-2.47517	0.353638	0.7385	-1.3541	0.0744843	0.531963	-1.87983	0.0256821	0.430965	-2.32037	0.0532725	0.497865	-2.00858
cg11310716	C6orf10	0.0305639	0.265532	0.61813	-1.61778	0.455667	0.729775	-1.37029	0.00373643	0.197223	-5.0704	0.149518	0.526924	-1.89781	0.579496	0.792896	-1.2612
cg17750401	C6orf10	0.0319466	0.472202	0.803389	-1.24473	0.163546	1.56072	1.56072	0.0792223	0.558016	-1.79206	0.788421	1.08386	1.08386	0.0713482	0.547202	-1.82748
cg13486404	C6orf10	0.0319614	0.215293	0.807293	-1.23871	0.220691	1.2353	1.2353	0.0363888	0.670835	-1.49068	0.575	0.911213	-1.09744	0.491577	1.12149	1.12149
cg17201409	C6orf10	0.0338871	0.0518112	0.416235	-2.40249	0.0722956	0.451839	-2.21318	0.0139388	0.300301	-3.33	0.0183978	0.32211	-3.10453	0.0197764	0.328	-3.04878
cg01858458	C6orf10	0.0357147	0.117036	0.676735	-1.47768	0.153113	0.704083	-1.42029	0.0157925	0.507521	-1.97036	0.548797	0.870113	-1.14928	0.00218698	0.373267	-2.67905
cg20945307	C6orf10	0.0362884	0.572771	0.830208	-1.20452	0.979849	0.991787	-1.00828	0.0803088	0.53074	-1.88416	0.00128508	0.216029	-4.629	0.018462	0.393293	-2.54264
cg25145195	C6orf10	0.0368135	0.0332686	0.186766	-5.35429	0.161205	0.364579	-2.74289	0.0112277	0.117401	-8.51784	0.136059	0.338534	-2.95392	0.00390556	0.0728344	-13.7298
cg13334396	C6orf10	0.0374016	0.030154	0.66935	-1.49399	0.770394	1.04716	1.04716	0.19914	0.807651	-1.23816	0.0630543	0.719478	-1.3899	0.0528644	0.707175	-1.41408
cg19721802	C6orf10	0.0380551	0.50792	0.783453	-1.2764	0.92699	0.967249	-1.03386	0.018354	0.353545	-2.8285	0.168229	0.586536	-1.70493	0.103568	0.52372	-1.90942
cg16905004	C6orf10	0.0398695	0.524673	0.796557	-1.2554	0.187171	1.63765	1.63765	0.0989822	0.528248	-1.89305	0.0372786	0.426161	-2.34653	0.240569	0.648234	-1.54265
cg15706017	C6orf10	0.0430172	0.264481	0.661196	-1.51241	0.541129	1.24615	1.24615	0.0729856	0.49098	-2.03674	0.288203	1.48025	1.48025	0.799683	1.09466	1.09466
cg23245898	C6orf10	0.0460731	0.185201	0.774334	-1.29143	0.936024	1.01472	1.01472	0.040294	0.649709	-1.53915	0.0787985	1.42661	1.42661	0.029771	1.59287	1.59287
cg09781747	C6orf10	0.0471195	0.303332	1.37894	1.37894	0.00582358	0.336791	-2.9692	0.075402	0.550698	-1.81588	0.448572	0.792355	-1.26206	0.090926	0.570504	-1.75283
cg11196533	C6orf10	0.0498331	0.287764	0.719019	-1.39078	0.00158313	0.257812	-3.87879	0.0676495	0.542353	-1.84382	0.213661	1.47898	1.47898	0.935802	0.976211	-1.02437
cg08724753	C6orf103	3.26E-05	0.165041	0.833179	-1.20022	0.0158581	0.694807	-1.43925	5.00E-05	0.391572	-2.55381	0.887441	1.01761	1.01761	7.08E-07	0.190899	-5.23837
cg24631877	C6orf103	0.000224695	0.0462895	0.564334	-1.772	0.0124636	0.458785	-2.17967	0.0369784	0.544941	-1.83506	0.000858693	0.285228	-3.50597	0.130434	0.664095	-1.50581
cg23010765	C6orf103	0.000785362	0.156757	1.18574	1.18574	0.0252492	1.34888	1.34888	0.00119857	0.586336	-1.70551	0.00700682	1.48026	1.48026	0.0155973	1.3959	1.3959
cg04703867	C6orf103	0.000864501	0.0646052	0.555289	-1.80086	0.510598	0.827691	-1.20818	0.000129143	0.151775	-6.58868	0.337918	0.755816	-1.32307	0.000131437	0.152501	-6.55733
cg10197432	C6orf103	0.00410718	0.796886	0.939881	-1.06396	0.147932	1.4523	1.4523	0.0293232	1.85354	1.85354	0.328089	0.784531	-1.27465	0.0363093	0.557063	-1.79513
cg25770340	C6orf103	0.00554343	0.513917	0.831149	-1.20315	0.735943	1.09918	1.09918	0.453031	0.807691	-1.2381	0.364959	0.770985	-1.29704	0.474639	0.816161	-1.22525
cg06858835	C6orf103	0.00839459	0.0336927	0.515326	-1.94052	0.514612	0.838094	-1.19318	0.00383704	0.352889	-2.83375	0.121545	0.638497	-1.56618	0.0101691	0.420502	-2.37811
cg26947733	C6orf103	0.00941273	0.523304	1.18407	1.18407	0.00187465	0.316058	-3.16398	0.00402357	0.364486	-2.74359	0.10056	0.625105	-1.59973	0.261399	1.35786	1.35786
cg14994513	C6orf103	0.0131964	0.044425	0.454304	-2.20117	0.0529664	0.471579	-2.12054	0.062685	0.488758	-2.046	0.0204025	0.384737	-2.59918	0.0373422	0.437852	-2.28388
cg17535702	C6orf103	0.0140303	0.237631	0.698415	-1.43181	0.149906	1.565	1.565	0.0105648	0.393287	-2.54267	0.945071	1.02019	1.02019	0.115057	0.608251	-1.64406
cg27641136	C6orf103	0.0164876	0.424975	0.721294	-1.3864	0.911196	0.956249	-1.04575	0.5113	1.30622	1.30622	0.461154	0.740193	-1.351	0.445208	0.731933	-1.36625
cg07253321	C6orf103	0.0302109	0.664596	0.884811	-1.13019	0.00213994	0.298218	-3.35325	0.955588	1.01575	1.01575	0.1592	1.52512	1.52512	0.203297	0.686099	-1.45751
cg17282428	C6orf103	0.0308532	0.0709812	0.230699	-4.33466	0.0516983	0.199893	-5.00268	0.0323339	0.161689	-6.18472	0.085056	0.250465	-3.99258	0.0141251	0.110572	-9.04388
cg03824617	C6orf103	0.0399363	0.72468	0.828237	-1.20738	0.497938	1.44294	1.44294	0.864729	0.913139	-1.09512	0.471671	1.47724	1.47724	0.303321	0.56655	-1.76507
cg16331679	C6orf103;C6orf103	0.0064318	0.546158	0.872334	-1.14635	0.940435	0.983427	-1.01685	0.790731	1.06128	1.06128	0.26943	0.773228	-1.29328	0.00346782	0.41178	-2.42848
cg03668078	C6orf103;LOC729176	1.87E-05	0.0289747	1.53053	1.53053	1.43E-06	0.131668	-7.59488	5.50E-05	0.289	-3.46021	0.751705	1.05388	1.05388	0.257555	1.21571	1.21571
cg13876481	C6orf103;LOC729176	0.000139257	0.202833	1.36777	1.36777	6.89E-06	0.0980892	-10.1948	0.000206225	0.235049	-4.25443	0.378684	0.810268	-1.23416	0.932284	1.01999	1.01999
cg01129238	C6orf105;C6orf105	0.000589214	0.00363038	0.538443	-1.85721	0.223586	0.817804	-1.22279	0.000846263	0.454201	-2.20167	0.00286218	0.524425	-1.90685	1.79E-05	0.252013	-3.96805
cg15601361	C6orf105;C6orf105	0.0107012	0.0200571	0.497385	-2.01052	0.00715996	0.421298	-2.37362	0.00856151	0.433906	-2.30465	0.228925	0.730295	-1.36931	0.00384995	0.379263	-2.63669
cg11210880	C6orf105;C6orf105	0.0277823	0.495425	0.797855	-1.25336	0.186274	1.57955	1.57955	0.0444605	0.470968	-2.12329	0.511672	0.804812	-1.24253	0.00103969	0.205107	-4.87551
cg10787197	C6orf105;C6orf105	0.0472406	0.0455508	0.524793	-1.90551	0.482664	0.818214	-1.22217	0.10316	0.605756	-1.65083	0.0911942	0.592665	-1.68729	0.0050317	0.352289	-2.83858
cg10641809	C6orf106;C6orf106	0.00081102	0.00169646	3.57588	3.57588	?	?	?	0.148038	0.700278	-1.428	0.793199	1.05932	1.05932	?	?	?
cg24070123	C6orf106;C6orf106	0.00859352	0.000260604	0.0133359	-74.9855	0.568301	0.660615	-1.51374	0.251089	0.422275	-2.36812	0.510138	0.6186	-1.61655	0.0250959	0.147261	-6.79065
cg21085022	C6orf106;C6orf106	0.0115434	0.031153	2.08741	2.08741	0.196594	1.48775	1.48775	0.808261	0.931704	-1.0733	0.039153	2.00275	2.00275	0.00131133	0.256406	-3.90007
cg17043922	C6orf106;C6orf106	0.0172349	0.390844	0.891739	-1.1214	0.114644	0.799632	-1.25057	0.0812853	0.777362	-1.2864	0.176442	0.82921	-1.20597	0.0665582	0.764826	-1.30749
cg13098318	C6orf106;C6orf106	0.0224855	0.356678	0.873682	-1.14458	0.414882	0.888058	-1.12605	0.246782	1.18829	1.18829	0.638903	0.934894	-1.06964	0.0515524	0.729298	-1.37118
cg16345031	C6orf106;C6orf106;C6orf106;C6orf106	0.014299	0.00219767	0.622962	-1.60524	0.108413	0.824449	-1.21293	0.0660049	1.25526	1.25526	0.936462	0.99125	-1.00883	0.148727	0.843058	-1.18616
cg22812442	C6orf108;C6orf108	9.84E-05	0.000481855	0.364047	-2.7469	0.502997	1.13365	1.13365	0.507101	0.8832	-1.13225	0.0170598	1.71033	1.71033	1.25E-05	0.183136	-5.46042
cg09606840	C6orf108;C6orf108	0.000526302	0.000628178	0.424671	-2.35477	0.141388	0.772853	-1.29391	0.080757	0.729408	-1.37097	0.167009	1.27128	1.27128	0.000116828	0.332996	-3.00304
cg16169375	C6orf108;C6orf108	0.00898886	0.000393116	0.364312	-2.7449	0.214389	1.26329	1.26329	0.80515	0.956769	-1.04518	0.310629	0.828965	-1.20632	0.0519411	1.48499	1.48499
cg13260333	C6orf108;C6orf108	0.0114343	0.311159	1.22918	1.22918	0.0953376	1.43455	1.43455	0.30424	0.810967	-1.2331	0.0100053	1.89716	1.89716	0.0260293	0.594408	-1.68235
cg02463791	C6orf108;C6orf108	0.0376961	0.037445	0.773921	-1.29212	0.913516	1.0116	1.0116	0.262184	1.13211	1.13211	0.29632	0.891427	-1.1218	0.126172	0.838936	-1.19199
cg18878034	C6orf108;C6orf108	0.0450071	0.0242263	1.31925	1.31925	0.404361	0.915769	-1.09198	0.0856873	1.21639	1.21639	0.900053	0.987126	-1.01304	0.0220561	0.753409	-1.3273
cg01616446	C6orf108;C6orf108	0.0494901	0.0303564	0.554566	-1.80321	0.0248539	0.538723	-1.85624	0.0905557	1.54022	1.54022	0.560213	1.14618	1.14618	0.845331	0.955771	-1.04628
cg22863148	C6orf10;C6orf10	0.00105463	0.00055345	0.157968	-6.33041	0.325908	0.705261	-1.41791	0.000340485	0.137159	-7.2908	0.00555909	0.285372	-3.5042	0.000432906	0.147204	-6.79331
cg09646336	C6orf10;C6orf10	0.0332673	0.228356	0.657682	-1.52049	0.0482371	0.473238	-2.1131	0.00867276	0.329949	-3.03077	0.0841008	0.530767	-1.88407	0.175722	0.620527	-1.61153
cg02558474	C6orf114;GFOD1	0.000123049	0.922447	1.01622	1.01622	0.00106033	0.426003	-2.3474	0.00488829	1.90619	1.90619	4.95E-06	0.13733	-7.28171	?	?	?
cg05251379	C6orf114;GFOD1	0.00238388	0.000128775	0.0356487	-28.0515	0.381423	1.43708	1.43708	0.227581	0.596909	-1.6753	0.40928	1.40569	1.40569	0.95635	1.02215	1.02215
cg16528341	C6orf115	3.87E-05	9.82E-05	0.307067	-3.25662	0.498189	0.889279	-1.12451	0.18951	0.788863	-1.26765	0.134864	0.759516	-1.31663	6.26E-07	0.0972649	-10.2812
cg00114944	C6orf115	0.000186087	6.50E-05	0.471739	-2.11982	0.00854987	1.41005	1.41005	0.047443	1.26145	1.26145	0.0629217	0.807109	-1.23899	0.0355502	0.778309	-1.28484
cg01938066	C6orf115	0.00115066	0.00393324	0.668108	-1.49676	0.16733	1.16533	1.16533	0.0018682	1.58197	1.58197	0.430869	1.08717	1.08717	0.827681	1.02292	1.02292
cg12577850	C6orf115	0.00218529	0.0248297	0.547266	-1.82726	0.000770002	0.316875	-3.15582	0.0438277	0.59282	-1.68685	0.0579514	1.62209	1.62209	0.00805986	0.464904	-2.15098
cg13265740	C6orf115	0.00732458	0.363848	0.639022	-1.56489	0.0058213	0.176746	-5.65783	0.0223924	0.269007	-3.71737	0.228698	1.83352	1.83352	0.00505565	0.168811	-5.92378
cg08402640	C6orf115	0.0162962	0.132659	0.856963	-1.16691	0.0859705	1.19783	1.19783	0.0266391	0.778855	-1.28394	0.124051	0.853465	-1.17169	0.059683	1.22406	1.22406
cg04086019	C6orf115	0.0305694	0.252956	0.83782	-1.19357	0.617643	0.928129	-1.07744	0.765097	1.04541	1.04541	0.455595	0.89349	-1.11921	0.0808035	0.750551	-1.33235
cg16114141	C6orf115	0.0313295	0.0151974	0.0712652	-14.0321	0.0389112	0.120297	-8.31273	0.0694453	0.165478	-6.04311	0.411436	2.10426	2.10426	0.0402889	0.122624	-8.155
cg20589862	C6orf115	0.0327499	0.0188127	0.0876878	-11.4041	0.0387099	0.129073	-7.74753	0.10831	0.223533	-4.47361	0.356627	2.24975	2.24975	0.0362193	0.124588	-8.02648
cg24878755	C6orf115	0.0375687	0.0184329	0.361475	-2.76644	0.00432517	0.257303	-3.88647	0.545772	0.804446	-1.24309	0.606727	0.831269	-1.20298	0.0563032	0.46336	-2.15815
cg09581708	C6orf118	0.000289851	0.00023768	0.199493	-5.0127	0.00908362	0.415679	-2.4057	0.0143986	0.449892	-2.22275	0.00189678	0.311779	-3.2074	0.000163303	0.182147	-5.49008
cg03715204	C6orf118	0.0015903	0.670444	1.07603	1.07603	0.00132586	0.449648	-2.22396	0.000272952	0.360241	-2.77592	0.798247	0.957099	-1.04482	0.0217088	0.623927	-1.60275
cg14612870	C6orf118	0.00365437	0.552154	0.895715	-1.11643	0.741244	1.06255	1.06255	0.338966	1.19778	1.19778	0.0485227	0.661884	-1.51084	0.000136235	0.298544	-3.34959
cg11009001	C6orf118	0.0116879	0.386004	0.861281	-1.16106	0.00493643	0.534902	-1.8695	0.911532	1.01885	1.01885	0.0409962	0.672806	-1.48631	0.234263	0.81097	-1.23309
cg06503546	C6orf118	0.0212053	0.135947	0.697196	-1.43432	0.0136908	1.98254	1.98254	0.504201	1.16433	1.16433	0.334264	0.799677	-1.2505	0.128809	0.691796	-1.44551
cg10652467	C6orf120;C6orf120	0.0167277	0.00116826	0.323846	-3.08789	0.0159143	0.497344	-2.01068	0.208737	0.730885	-1.3682	0.43265	0.827421	-1.20857	0.895988	1.03143	1.03143
cg18881641	C6orf120;WDR27;C6orf120	0.000544838	9.80E-05	0.062852	-15.9104	0.0102884	0.274515	-3.64279	0.0917758	0.476084	-2.10047	0.235312	0.608194	-1.64421	0.000832652	0.133854	-7.47081
cg01404182	C6orf120;WDR27;C6orf120	0.0422173	0.768074	1.04907	1.04907	0.00316859	1.92126	1.92126	0.010266	1.68878	1.68878	0.271139	1.20391	1.20391	0.575962	1.09585	1.09585
cg05168062	C6orf122;C6orf208	0.000159778	0.000105931	0.388182	-2.57611	0.00620657	0.6106	-1.63773	0.00808902	0.625695	-1.59822	0.473725	0.90417	-1.10599	0.000527273	0.473955	-2.1099
cg16413842	C6orf122;C6orf208	0.00474917	0.00342894	0.345601	-2.89351	0.00989175	0.418525	-2.38934	0.0290919	0.502909	-1.98843	0.0849316	0.601031	-1.66381	0.000498814	0.23327	-4.28688
cg10865119	C6orf122;C6orf208	0.00735693	0.000760583	0.348054	-2.87312	0.954463	1.01188	1.01188	0.899207	1.02656	1.02656	0.0207563	0.562229	-1.77863	0.0765145	0.665271	-1.50315
cg16365842	C6orf122;C6orf208	0.0131234	0.0317219	0.484279	-2.06492	0.000823308	0.234309	-4.26787	0.0669748	0.553602	-1.80635	0.486526	0.815789	-1.22581	0.0123201	0.407585	-2.45348
cg16298927	C6orf122;C6orf208	0.0145703	0.0382244	0.471736	-2.11983	0.00109744	0.221819	-4.50818	0.0456307	0.488255	-2.04811	0.252306	0.687932	-1.45363	0.00676147	0.333471	-2.99876
cg21168884	C6orf122;C6orf208	0.0243494	0.00413789	0.454569	-2.19989	0.097365	0.688632	-1.45215	0.114908	0.703601	-1.42126	0.131517	1.39635	1.39635	0.0323363	0.598164	-1.67178
cg00219543	C6orf122;C6orf208	0.0351257	0.0134982	0.676504	-1.47819	0.222872	0.848994	-1.17786	0.461866	1.10046	1.10046	0.0132794	0.675596	-1.48017	0.0981235	0.793041	-1.26097
cg23121394	C6orf123	0.000604659	0.366552	0.752004	-1.32978	0.020483	2.35825	2.35825	0.14111	1.62629	1.62629	0.00639976	0.336224	-2.97421	0.0933634	0.567191	-1.76307
cg23775883	C6orf123	0.0227002	0.779157	1.08683	1.08683	0.00318829	3.29593	3.29593	0.0494485	1.94259	1.94259	0.109904	0.596829	-1.67552	0.967502	0.988006	-1.01214
cg16001811	C6orf123	0.02601	0.0991655	0.318517	-3.13955	0.108045	3.03364	3.03364	0.192112	2.39617	2.39617	0.45431	0.617302	-1.61995	0.0182351	0.163027	-6.13395
cg17247293	C6orf123	0.0284307	0.936501	0.983645	-1.01663	0.687131	1.0874	1.0874	0.127308	0.710875	-1.40672	0.193253	0.752067	-1.32967	0.498792	1.1527	1.1527
cg05447100	C6orf123	0.0325805	0.039108	0.283242	-3.53055	0.00739876	0.161531	-6.19076	0.0168362	0.214194	-4.66867	0.323568	0.583531	-1.7137	0.0265495	0.24931	-4.01106
cg05733780	C6orf123	0.0380549	0.25513	0.716068	-1.39651	0.0157393	2.29774	2.29774	0.68769	0.892618	-1.1203	0.1742	0.666084	-1.50131	0.00374657	0.332817	-3.00465
cg00228390	C6orf123	0.0398813	0.0673638	0.521939	-1.91593	0.448493	1.27764	1.27764	0.942038	1.02333	1.02333	0.0662853	0.520277	-1.92205	0.00244977	0.262637	-3.80753
cg15676125	C6orf125	0.00267616	0.102352	0.793478	-1.26028	0.0994807	1.26321	1.26321	0.0505097	1.3343	1.3343	0.711556	1.04924	1.04924	0.393197	0.892987	-1.11984
cg16066008	C6orf125	0.00323705	0.0197267	0.449526	-2.22456	0.931385	1.02475	1.02475	0.551373	0.842722	-1.18663	0.89887	1.03676	1.03676	0.000405678	0.202741	-4.93239
cg15251311	C6orf125	0.0279469	0.00911451	0.192945	-5.18281	0.026378	0.270412	-3.69806	0.0375264	0.30162	-3.31543	0.529035	0.728529	-1.37263	0.0118208	0.209886	-4.7645
cg05628366	C6orf126	0.000207116	0.00483997	0.593855	-1.68391	0.000280287	0.436719	-2.2898	0.0393353	0.717152	-1.39441	0.0683833	0.752355	-1.32916	0.00754591	0.619164	-1.61508

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16582255	0.000108079	0.309371	-3.23236	0.0508245	1.4659	1.4659	0.0164654	0.604231	-1.655	2.43E-06	0.13995	-7.14543	29.9101	12.4429	0.416012	1
cg03624528	0.406372	1.35195	1.35195	0.748656	1.12089	1.12089	0.50221	0.785236	-1.2735	0.0216859	0.37587	-2.66049	8.71761	17.401	1.77429	1
cg11976616	0.0450741	0.262921	-3.80343	0.0527353	0.278238	-3.59404	0.120223	0.375602	-2.6624	0.00518159	0.117194	-8.53288	5.21329	27.8679	4.75159	1
cg04978451	0.22116	0.645994	-1.548	0.0403581	0.447269	-2.23579	0.124203	0.568012	-1.76053	0.0132209	0.352227	-2.83908	4.9253	9.00489	1.62515	1
cg11590974	0.0326154	0.136902	-7.30451	0.0177669	0.101063	-9.89486	0.216202	0.355263	-2.81482	0.0548846	0.177059	-5.64785	3.59518	36.0045	8.90193	1
cg24955829	0.616082	0.960147	-1.04151	6.62E-08	0.230882	-4.33122	0.424223	0.936455	-1.06786	6.03E-07	0.331636	-3.01535	124.318	12.7415	0.0911033	1
cg20966089	0.00450283	1.51044	1.51044	3.04E-07	0.195456	-5.11625	5.49E-05	0.441275	-2.26616	0.0344138	0.764357	-1.30829	37.9697	7.13377	0.167005	1
cg07324546	0.00170242	0.313232	-3.19252	5.22E-06	0.0686435	-14.568	0.101292	0.628277	-1.59165	4.85E-05	0.138186	-7.23665	35.4589	37.6826	0.944631	1
cg16538674	0.000185639	0.224813	-4.44814	3.06E-05	0.145787	-6.85933	0.000411941	0.265574	-3.76543	0.00148484	0.338324	-2.95575	22.2195	19.6739	0.787051	1
cg21293943	0.00126302	0.396415	-2.52261	0.000561206	0.349347	-2.86248	0.0558023	0.65309	-1.53118	0.00010594	0.260355	-3.84091	17.5124	10.7219	0.544219	1
cg17361070	0.091049	1.37442	1.37442	8.92E-05	0.301652	-3.31508	3.15E-05	0.250094	-3.99849	0.371821	0.854989	-1.16961	15.7915	7.30115	0.410975	1
cg23807125	0.200936	1.5626	1.5626	1.64E-05	0.0533241	-18.7532	0.00298469	0.260245	-3.84254	?	?	?	14.9267	22.947	1.53731	1
cg14536697	0.0182931	0.548947	-1.82167	0.00997887	0.505923	-1.97658	0.951946	1.0127	1.0127	0.00747783	0.486183	-2.05684	13.5388	9.40432	0.617439	1
cg26841074	0.113334	0.721974	-1.38509	0.361361	0.837451	-1.1941	0.382729	1.1844	1.1844	0.120721	0.727482	-1.3746	13.5166	7.65172	0.503197	1
cg05198093	0.0697788	0.710715	-1.40703	0.00662476	1.81032	1.81032	7.56E-05	0.298419	-3.351	0.632401	0.922049	-1.08454	10.9678	4.92591	0.399223	1
cg26930925	0.122053	0.688028	-1.45343	0.000170409	0.240256	-4.16222	0.000192365	0.24633	-4.05959	0.0366854	0.58181	-1.71877	10.3491	8.1598	0.700847	1
cg11848592	0.903028	0.970964	-1.0299	0.405183	1.22862	1.22862	0.201655	0.721837	-1.38535	0.553241	1.15604	1.15604	10.2573	9.49412	0.822755	1
cg27507055	0.00787191	1.46382	1.46382	8.46E-05	2.20308	2.20308	0.869697	1.01852	1.01852	0.521138	1.07539	1.07539	10.169	2.01166	0.175842	1
cg08475898	0.0396086	1.49758	1.49758	5.29E-05	0.277735	-3.60056	0.23171	0.808263	-1.23722	0.44471	0.87615	-1.14136	10.1663	4.6369	0.405427	1
cg18854413	0.859978	1.03037	1.03037	0.00373626	0.51507	-1.94148	0.00180581	0.471477	-2.121	0.0154007	0.604231	-1.655	9.97344	4.53478	0.404165	1
cg16564946	0.256647	0.770617	-1.29766	0.445041	1.18689	1.18689	0.253851	0.769329	-1.29983	0.301142	0.789959	-1.26589	8.79895	6.74939	0.681838	1
cg01860396	0.121489	0.576883	-1.73345	8.90E-05	0.100352	-9.96491	0.0375076	0.45344	-2.20537	0.00779881	0.326526	-3.06254	8.64899	14.7078	1.51158	1
cg00874877	0.112113	0.557426	-1.79396	0.000401819	0.149346	-6.69585	0.554045	0.816929	-1.2241	0.0271805	0.413442	-2.41872	7.72668	13.9659	1.60666	1
cg05511778	0.382149	0.707919	-1.41259	0.00508254	0.239959	-4.16738	0.0217363	0.34587	-2.89126	0.0251021	0.358146	-2.79216	7.5758	17.821	2.09099	1
cg08976526	0.00373949	0.454841	-2.19857	0.137117	0.724538	-1.38019	0.0444604	0.628495	-1.5911	0.00123336	0.386489	-2.5874	7.53788	4.83411	0.570052	1
cg21534942	0.20496	0.816617	-1.22456	0.299243	0.849621	-1.177	0.0997988	0.76094	-1.31416	0.191012	0.810811	-1.23333	7.2774	2.64452	0.323011	1
cg26263563	0.254229	0.771526	-1.29613	0.000649467	0.320023	-3.12478	0.001897	0.38332	-2.60879	0.085506	0.660914	-1.51306	7.1282	5.35881	0.668245	1
cg10818896	0.0913116	1.74276	1.74276	0.0192208	2.33049	2.33049	0.244913	1.43811	1.43811	0.442634	0.791495	-1.26343	6.91673	9.77421	1.25611	1
cg21195277	0.121818	0.520787	-1.92017	0.000885727	0.144021	-6.94341	0.832329	0.920835	-1.08597	0.0650582	0.446721	-2.23853	6.83679	16.3858	2.13041	1
cg02808240	0.0516764	0.670525	-1.49137	0.162323	0.763954	-1.30898	0.000417311	0.364194	-2.74579	0.00227732	0.462905	-2.16027	6.83222	3.52472	0.458575	1
cg20515400	0.042331	0.385207	-2.59601	0.0155806	0.298209	-3.35335	0.0206835	0.320907	-3.11617	0.0267928	0.342923	-2.91611	6.65643	17.5549	2.34292	1
cg27064867	0.501343	1.1297	1.1297	0.0290905	0.631526	-1.58347	0.862597	1.03144	1.03144	0.00369022	0.495959	-2.0163	6.47408	3.27428	0.449557	1
cg12989473	0.00556048	0.41253	-2.42406	0.0051334	0.407121	-2.45627	0.633394	0.889754	-1.12391	0.0410598	0.563789	-1.77371	6.36736	5.95951	0.831954	1
cg09452510	0.106513	1.64099	1.64099	0.366206	0.770366	-1.29808	0.0565194	0.545134	-1.83441	0.904321	1.03437	1.03437	5.91169	7.39441	1.11183	1
cg09177461	0.096552	1.50151	1.50151	0.878211	0.966413	-1.03475	0.000839158	0.326508	-3.06271	0.557806	0.876291	-1.14117	5.82964	4.58273	0.698763	1
cg22499572	0.0104573	0.235491	-4.24644	0.0297314	0.317304	-3.15155	0.198811	0.543771	-1.83901	0.0430248	0.351805	-2.84248	5.62537	17.9354	2.83404	1
cg25457674	0.413483	1.4451	1.4451	0.00062102	0.0983641	-10.1663	0.0382508	0.3473	-2.87935	0.0837892	0.430549	-2.32262	5.60583	17.2189	2.73031	1
cg10453756	0.399953	0.865168	-1.15584	0.0136649	0.598898	-1.66973	0.430092	0.873384	-1.14497	0.151734	1.29453	1.29453	5.53744	2.47788	0.397757	1
cg09966430	0.00305992	0.453003	-2.20749	0.00170056	0.416841	-2.399	0.324194	0.819731	-1.21991	0.0322731	0.612936	-1.63149	5.48668	3.31216	0.536599	1
cg02804047	0.144948	0.812683	-1.23049	0.0216361	1.44108	1.44108	0.0930196	1.27742	1.27742	0.326151	1.14376	1.14376	5.44492	1.51389	0.247144	1
cg11888105	0.405236	0.851561	-1.17431	0.000428192	0.349271	-2.8631	0.470918	1.14843	1.14843	0.662721	1.08634	1.08634	5.18394	2.92325	0.501248	1
cg19886087	0.362764	0.765864	-1.30572	0.00105475	0.251176	-3.98128	0.0133432	0.417222	-2.39681	0.0595598	0.545316	-1.8338	5.15617	6.6411	1.14488	1
cg03282991	0.0478016	0.536084	-1.86538	0.027777	0.488428	-2.04739	0.00433356	0.349783	-2.85891	0.0596096	0.556722	-1.79623	5.1014	6.13261	1.06857	1
cg06545464	0.556059	1.11066	1.11066	0.0345718	0.647656	-1.54403	0.0264953	0.628968	-1.58991	0.178494	0.777268	-1.28656	5.07357	2.49672	0.437425	1
cg01665970	0.0927569	0.779655	-1.28262	0.0112387	1.53326	1.53326	0.0582828	0.749801	-1.33369	0.0321341	0.713378	-1.40178	5.05066	1.44844	0.254917	1
cg25924085	0.0374211	0.620754	-1.61094	0.0104721	0.529326	-1.88919	0.396913	0.842595	-1.18681	0.596608	1.11122	1.11122	5.03947	3.11118	0.548767	1
cg13318964	0.0464761	0.37065	-2.69796	0.00256144	0.161955	-6.17455	0.161988	0.522117	-1.91528	0.0338141	0.340089	-2.94041	4.97699	14.9307	2.66662	1
cg06192961	0.014853	0.319436	-3.13051	0.070798	0.46355	-2.15727	0.261054	0.639928	-1.56268	0.0160956	0.325741	-3.06993	4.92447	11.312	2.04187	1
cg03504446	0.495951	1.13394	1.13394	0.148639	1.32533	1.32533	0.00256008	0.467402	-2.13949	0.673659	1.08005	1.08005	4.71862	2.47044	0.465379	1
cg00738945	0.828578	0.944678	-1.05856	0.351032	1.28648	1.28648	0.268492	0.738983	-1.35321	0.674781	0.895158	-1.11712	4.56049	4.97507	0.969695	1
cg00861856	0.621348	0.820679	-1.2185	0.00252035	0.189222	-5.2848	0.0211192	0.332657	-3.0061	0.12036	0.51236	-1.95175	4.32508	10.7917	2.21791	1
cg06012932	0.0462989	0.299318	-3.34093	0.00942511	0.175709	-5.69122	0.0562006	0.318971	-3.13508	0.0976661	0.382802	-2.61232	4.18958	18.5267	3.93075	1
cg01937212	0.00245258	0.262234	-3.81338	0.0232245	0.422408	-2.36738	0.356384	0.739848	-1.35163	0.0661325	0.519583	-1.92462	4.15126	6.63324	1.42034	1
cg11310716	0.0238859	0.327076	-3.0574	0.0171185	0.299744	-3.33618	0.621142	1.22943	1.22943	0.0133494	0.28062	-3.56354	4.05987	11.0528	2.41996	1
cg17750401	0.0518098	0.515552	-1.93967	0.948289	1.01961	1.01961	0.0654224	0.538424	-1.85727	0.00246158	0.283429	-3.52822	3.99626	5.67264	1.26177	1
cg13486404	0.25878	1.21334	1.21334	0.00408926	1.88204	1.88204	0.0699149	0.717042	-1.39462	0.901093	1.02062	1.02062	3.99561	1.70463	0.379224	1
cg17201409	0.0186609	0.323261	-3.09348	0.0511559	0.414934	-2.41002	0.0645022	0.4393	-2.27635	0.0284002	0.358919	-2.78615	3.91253	9.72096	2.20851	1
cg01858458	0.279139	0.772557	-1.2944	0.0194364	0.523107	-1.91165	0.135535	0.691466	-1.4462	0.0804586	0.641041	-1.55996	3.83891	3.19772	0.740423	1
cg20945307	0.888017	1.04708	1.04708	0.721289	1.12408	1.12408	0.656023	0.86383	-1.15764	0.255372	0.678599	-1.47362	3.81675	6.44487	1.50096	1
cg25145195	0.974608	0.978767	-1.02169	0.0432316	0.208453	-4.79725	0.251508	0.445823	-2.24304	0.0592846	0.237925	-4.20301	3.79685	27.343	6.40133	1
cg13334396	0.104934	0.756541	-1.32181	0.382115	1.15158	1.15158	0.00577334	0.565804	-1.7674	0.0305754	0.670263	-1.49195	3.77497	1.48226	0.349027	1
cg19721802	0.73824	0.885275	-1.12959	0.215675	1.60553	1.60553	0.00203017	0.205775	-4.85968	0.630528	0.838551	-1.19253	3.75115	7.84254	1.8584	1
cg16905004	0.811047	0.918967	-1.08818	0.0395735	0.431782	-2.31598	0.00363629	0.249521	-4.00767	0.0940161	0.522238	-1.91484	3.68757	7.27033	1.75251	1
cg15706017	0.59722	1.20887	1.20887	0.0162917	0.351732	-2.84307	0.00447657	0.259687	-3.85079	0.387924	0.729953	-1.36995	3.58532	7.18471	1.78127	1
cg23245898	0.56339	0.899125	-1.11219	0.075189	1.43424	1.43424	0.685	0.928455	-1.07706	0.0669681	0.688131	-1.45321	3.4945	1.83372	0.46644	1
cg09781747	0.593395	1.17635	1.17635	0.161912	1.56847	1.56847	0.354879	1.3322	1.3322	0.131444	0.612154	-1.63358	3.4651	4.98454	1.27867	1
cg11196533	0.288032	0.719161	-1.39051	0.923007	1.02931	1.02931	0.297515	0.724131	-1.38097	0.70872	0.893903	-1.11869	3.39244	4.79935	1.25753	1
cg08724753	0.766294	0.963934	-1.03742	0.235092	1.16575	1.16575	0.0540609	1.30926	1.30926	0.175944	0.837505	-1.19402	29.8093	7.16993	0.213801	1
cg24631877	1.80E-05	8.97964	8.97964	0.137009	0.669375	-1.49393	0.970071	0.990642	-1.00945	0.0157764	2.09861	2.09861	17.7995	17.704	0.884117	1
cg23010765	0.0196322	1.37314	1.37314	0.000408312	0.531746	-1.8806	0.974704	0.99644	-1.00357	0.0858269	0.807716	-1.23806	12.5974	2.52432	0.178119	1
cg04703867	0.0056562	0.357388	-2.79808	0.00506856	0.349919	-2.85781	0.557221	0.845157	-1.18321	0.00168368	0.280192	-3.56898	12.2612	15.5955	1.13061	1
cg10197432	0.00072496	3.44112	3.44112	0.102401	0.650724	-1.53675	0.959787	1.01219	1.01219	0.00270533	2.70768	2.70768	7.79011	7.12984	0.813549	1
cg25770340	0.000160088	6.0617	6.0617	0.675869	0.889156	-1.12466	0.833847	0.943	-1.06045	0.00702988	2.64749	2.64749	7.11036	8.79067	1.09895	1
cg06858835	0.00180783	0.305491	-3.27342	0.0118952	0.432106	-2.31425	0.296266	1.33571	1.33571	0.0353218	0.519392	-1.92533	6.2486	7.06972	1.0057	1
cg26947733	0.195324	0.699254	-1.4301	0.0587037	1.74673	1.74673	0.0399888	0.537934	-1.85897	0.377982	0.789571	-1.26651	6.02588	6.51073	0.960411	1
cg14994513	0.0432141	2.21412	2.21412	0.0276689	0.41075	-2.43457	0.886426	1.05006	1.05006	0.0381988	2.27289	2.27289	5.4036	9.99702	1.64451	1
cg17535702	0.477115	0.810794	-1.23336	0.000528718	0.208819	-4.78883	0.580698	0.850545	-1.17572	0.180163	0.661683	-1.5113	5.29612	7.06142	1.18517	1
cg27641136	0.00201327	5.73917	5.73917	0.37036	0.691516	-1.4461	0.454487	0.736752	-1.35731	0.00283831	5.19562	5.19562	5.02054	12.7854	2.26366	1
cg07253321	0.316423	1.33718	1.33718	0.0785253	0.577984	-1.73015	0.269206	1.381	1.381	0.151069	1.53979	1.53979	4.07667	5.08142	1.10797	1
cg17282428	0.0466005	0.190741	-5.24272	0.00356344	0.0566425	-17.6546	0.85866	0.878444	-1.13838	0.0561836	0.207546	-4.81822	4.04627	33.8769	7.44212	1
cg03824617	0.00209865	10.0343	10.0343	0.116342	0.402768	-2.48282	0.517458	1.41868	1.41868	0.0448548	3.41115	3.41115	3.6853	16.5766	3.99826	1
cg16331679	0.136582	1.43138	1.43138	0.00073663	0.317683	-3.14779	0.259272	0.768604	-1.30106	0.0251062	1.81443	1.81443	6.79156	5.37874	0.703977	1
cg03668078	0.116351	1.3259	1.3259	0.000469282	2.48146	2.48146	0.0038429	1.90424	1.90424	0.51498	0.896597	-1.11533	34.4483	14.9108	0.384752	1
cg13876481	0.879858	1.03586	1.03586	0.00222164	2.71371	2.71371	0.338639	1.2583	1.2583	0.993442	0.998087	-1.00192	20.2583	17.4104	0.763927	1
cg01129238	0.163427	0.791391	-1.2636	0.00611661	0.569608	-1.75559	0.0615166	0.71798	-1.3928	0.00821908	0.587536	-1.70202	13.6528	5.35003	0.348324	1
cg15601361	0.273751	0.753132	-1.32779	0.550153	0.86028	-1.16241	0.129076	0.664798	-1.50422	0.00165208	0.325924	-3.0682	5.78356	5.6761	0.872372	1
cg11210880	0.4181	0.76342	-1.30989	0.603518	0.842876	-1.18641	0.88779	1.04714	1.04714	0.0416005	0.464665	-2.15209	4.19931	7.07881	1.49841	1
cg10787197	0.0643681	0.557472	-1.79381	0.0172949	0.442507	-2.25985	0.0585745	0.548353	-1.82364	0.0764452	0.574531	-1.74055	3.46175	4.33503	1.11313	1
cg10641809	0.000123783	0.107664	-9.28817	0.0332498	0.544845	-1.83539	?	?	?	0.0206179	0.498847	-2.00462	31.4702	14.6303	0.387413	1
cg24070123	0.304124	0.465272	-2.14928	0.0194281	0.131145	-7.62517	0.0154047	0.11795	-8.47817	0.0202106	0.13352	-7.48954	6.20252	50.772	7.27618	1
cg21085022	0.13528	1.5975	1.5975	0.0756696	0.562525	-1.7777	0.414286	1.27484	1.27484	0.90571	0.966109	-1.03508	5.64398	7.56766	1.19186	1
cg17043922	0.694239	1.05284	1.05284	0.000978759	1.89451	1.89451	0.728239	0.955558	-1.04651	0.584551	0.930574	-1.07461	4.94671	1.33058	0.239096	1
cg13098318	0.570002	0.921478	-1.08521	0.00102602	0.499985	-2.00006	0.24555	0.841129	-1.18888	0.0107386	0.633405	-1.57877	4.51992	1.45255	0.285658	1
cg16345031	0.256857	1.13934	1.13934	0.00523697	0.666322	-1.50078	0.164178	0.849061	-1.17777	0.358917	0.901239	-1.10958	5.26316	1.01283	0.171056	1
cg22812442	0.0405854	0.646371	-1.5471	0.000102907	0.281294	-3.555	0.000786346	0.391919	-2.55155	0.00256789	0.462281	-2.16319	22.2341	11.9929	0.479459	1
cg09606840	0.00540779	0.550731	-1.81577	0.00168034	0.481094	-2.0786	0.000323902	0.387804	-2.57862	0.0043817	0.537968	-1.85885	14.0886	5.92294	0.373695	1
cg16169375	0.0374578	0.649396	-1.53989	0.381651	0.851773	-1.17402	0.067479	0.693284	-1.44241	0.215434	0.792049	-1.26255	6.11478	3.09614	0.450077	1
cg13260333	0.00671717	0.500469	-1.99812	0.421124	0.850578	-1.17567	0.620505	0.906388	-1.10328	0.0286923	1.66227	1.66227	5.66134	3.47702	0.545928	1
cg02463791	0.85323	0.980536	-1.01985	0.00163428	0.619493	-1.61422	0.918858	0.989243	-1.01087	0.101912	0.826938	-1.20928	3.76417	0.671571	0.158588	1
cg18878034	0.794636	1.02727	1.02727	0.592777	0.945849	-1.05725	0.225786	1.14017	1.14017	0.0383909	0.780814	-1.28071	3.52532	0.593793	0.149722	1
cg01616446	0.667602	0.904778	-1.10524	0.0664774	0.62084	-1.61072	0.916576	1.02457	1.02457	0.0215214	0.527544	-1.89558	3.40135	2.89	0.755256	1
cg22863148	0.00368976	0.258985	-3.86122	0.00207256	0.224748	-4.44944	0.0139888	0.351765	-2.8428	0.0414313	0.445026	-2.24706	11.5902	21.7545	1.66842	1
cg09646336	0.189926	0.631199	-1.58429	0.240467	1.50278	1.50278	0.00412434	0.27943	-3.57872	0.502416	0.798037	-1.25308	3.93862	6.85212	1.54642	1
cg02558474	0.0559443	0.694368	-1.44016	0.201791	1.25173	1.25173	0.212259	1.24455	1.24455	0.788122	0.956464	-1.04552	27.8534	10.4743	0.329043	1
cg05251379	0.00206694	0.137174	-7.29003	0.182587	1.78344	1.78344	0.186967	1.77156	1.77156	0.179216	1.79282	1.79282	13.6659	33.0228	1.61096	1
cg16528341	0.0011014	0.439978	-2.27284	0.0630612	0.699911	-1.42875	0.27736	1.21262	1.21262	0.650466	0.92511	-1.08095	28.4784	13.1344	0.409962	1
cg00114944	0.073669	0.815271	-1.22659	3.45E-05	0.440224	-2.27157	0.00327555	0.663316	-1.50758	0.813554	1.02449	1.02449	18.7336	3.1126	0.14769	1
cg01938066	0.037727	1.28469	1.28469	0.00247883	0.645814	-1.54843	0.404926	1.09262	1.09262	0.000877028	0.595346	-1.6797	11.3064	1.93487	0.152117	1
cg12577850	0.0335875	1.75104	1.75104	0.00182925	0.368137	-2.71638	0.0761876	0.640655	-1.5609	0.0846702	0.650275	-1.53781	9.39571	7.57874	0.716993	1
cg13265740	0.931821	0.959769	-1.04192	0.00124295	0.103905	-9.62415	0.0359334	0.310033	-3.22546	0.0449397	0.331419	-3.01733	6.52214	23.7883	3.24205	1
cg08402640	0.131887	0.856657	-1.16733	0.909027	1.01093	1.01093	0.804386	0.976668	-1.02389	0.00381995	1.44925	1.44925	5.04012	0.72248	0.127418	1
cg04086019	0.00479952	1.74132	1.74132	0.108486	0.771461	-1.29624	0.6032	1.08082	1.08082	0.0221519	1.50154	1.50154	4.05961	1.41209	0.30919	1
cg16114141	0.9039	1.11293	1.11293	?	?	?	0.010896	0.0589379	-16.967	0.0763092	0.174325	-5.7364	4.09126	45.1936	11.0464	1
cg20589862	0.730923	1.34343	1.34343	0.00550215	0.0441101	-22.6706	0.0746691	0.183035	-5.46344	0.234186	0.344203	-2.90526	3.96086	45.8797	10.2962	1
cg24878755	0.316091	1.44615	1.44615	0.0205485	0.370427	-2.69959	0.2441	0.648085	-1.54301	0.711048	0.875959	-1.14161	3.76883	7.56126	1.78335	1
cg09581708	0.813546	1.06456	1.06456	2.54E-05	0.109419	-9.13917	0.053017	0.558661	-1.78999	0.0499175	0.553155	-1.80781	16.6058	18.4413	0.987141	1
cg03715204	0.0238694	0.630335	-1.58646	0.0596852	1.43876	1.43876	0.977439	0.995171	-1.00485	0.00172622	0.465166	-2.14977	10.3045	4.7825	0.412549	1
cg14612870	0.0864385	0.706942	-1.41454	0.0287911	1.60342	1.60342	0.298783	0.821028	-1.21799	0.0275827	0.620614	-1.61131	8.06879	4.28459	0.472008	1
cg11009001	0.541345	1.10949	1.10949	0.00166871	2.12874	2.12874	0.805237	1.04239	1.04239	0.302444	0.835681	-1.19663	5.6213	2.51394	0.397526	1
cg06503546	0.115684	1.46795	1.46795	0.00238665	2.58667	2.58667	0.576787	1.13492	1.13492	0.817638	1.05322	1.05322	4.61167	3.68044	0.709396	1
cg10652467	0.598786	1.13384	1.13384	0.702433	0.913191	-1.09506	0.0750895	0.625681	-1.59826	0.00659384	0.434078	-2.30373	4.99638	4.42887	0.787925	1
cg18881641	0.0287515	0.356585	-2.80438	8.96E-05	0.0606737	-16.4816	0.00507142	0.227369	-4.39814	0.00162584	0.164433	-6.08149	13.9537	35.3213	2.25007	1
cg01404182	0.810863	1.0396	1.0396	0.247619	0.82218	-1.21628	0.406581	0.871514	-1.14743	0.862446	1.02849	1.02849	3.61041	1.50026	0.369368	1
cg05168062	0.0113459	0.645154	-1.55002	0.0835736	0.767377	-1.30314	6.15E-06	0.246855	-4.05096	0.00250847	0.559694	-1.78669	19.5216	5.90973	0.269092	1
cg16413842	0.492915	0.830192	-1.20454	0.14615	0.659072	-1.51728	0.001385	0.289688	-3.45198	0.192194	0.691489	-1.44615	7.45463	8.43203	1.00543	1
cg10865119	0.0427183	0.617217	-1.62017	0.00467246	0.459347	-2.177	0.0041161	0.45112	-2.2167	0.161259	0.733836	-1.3627	6.51316	4.41354	0.602341	1
cg16365842	0.0428887	0.511167	-1.95631	0.115971	0.611413	-1.63555	0.00631521	0.3591	-2.78474	0.171486	0.657551	-1.5208	5.41341	7.10972	1.16743	1
cg16298927	0.75866	0.9081	-1.1012	0.190835	0.648372	-1.54232	0.0102271	0.363224	-2.75312	0.887602	0.956726	-1.04523	5.23067	8.10624	1.37756	1
cg21168884	0.196392	1.32329	1.32329	0.207176	1.3136	1.3136	0.456645	0.856023	-1.16819	0.119664	0.707337	-1.41375	4.39732	2.92858	0.591994	1
cg00219543	0.0864048	1.27392	1.27392	0.721275	1.04685	1.04685	0.156246	1.21391	1.21391	0.361316	0.88698	-1.12742	3.86211	0.999155	0.229962	1
cg23121394	0.00848497	2.80763	2.80763	3.30E-05	11.9025	11.9025	0.239249	0.684775	-1.46033	0.0718905	1.85398	1.85398	13.5546	20.2655	1.32898	1
cg23775883	0.149156	1.58117	1.58117	0.00789435	2.74362	2.74362	0.46514	0.802384	-1.24629	0.399662	1.29093	1.29093	4.50517	6.2592	1.23497	1
cg16001811	0.265331	2.08484	2.08484	0.00542004	10.138	10.138	0.493066	0.643661	-1.55361	0.368801	1.79359	1.79359	4.2975	27.2648	5.63941	1
cg17247293	0.525303	1.14249	1.14249	0.000940672	2.77633	2.77633	0.141268	1.38738	1.38738	0.566603	0.887025	-1.12736	4.1653	2.82553	0.602977	1
cg05447100	0.0381265	0.280887	-3.56015	0.0228901	0.237347	-4.21323	0.0281255	0.254109	-3.93532	0.192628	0.482626	-2.072	3.96823	17.5424	3.92951	1
cg05733780	0.560854	1.17975	1.17975	0.425393	1.25711	1.25711	0.610813	0.86565	-1.1552	0.888556	1.0402	1.0402	3.75115	4.69458	1.11245	1
cg00228390	0.874932	1.05123	1.05123	0.256208	1.45637	1.45637	0.279267	1.42878	1.42878	0.902545	0.961888	-1.03962	3.68717	5.87587	1.41653	1
cg15676125	0.00128307	0.544747	-1.83571	0.000864933	0.523599	-1.90986	0.0466925	1.34276	1.34276	0.0858308	1.27847	1.27847	8.85255	2.34776	0.23574	1
cg16066008	0.0149153	0.427399	-2.33974	0.00430829	0.33834	-2.95561	0.0134686	2.38361	2.38361	0.755897	0.915266	-1.09258	8.36671	10.6824	1.13491	1
cg15251311	0.196647	0.507629	-1.96994	0.00805978	0.185334	-5.39566	0.656023	0.800396	-1.24938	0.0342262	0.29316	-3.41111	4.19058	16.371	3.47254	1
cg05628366	0.0283843	0.697104	-1.43451	4.56E-06	0.230298	-4.3422	0.00283224	0.563673	-1.77408	0.00267351	0.560445	-1.7843	18.1978	5.60502	0.273783	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(105 N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1117 N)	Fold-Change(1 117 vs. N) vs. N)	p-value(1127 N)	Fold-Change(1 127 vs. N) vs. N)	p-value(1217 N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1477 N)	Fold-Change(1 477 vs. N) vs. N)	p-value(1537 N)	Fold-Change(1 537 vs. N) vs. N)	p-value(5377 N)	Fold-Change(5377 377 vs. N) vs. N)	p-value(5637 N)	Fold-Change(5 637 vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ep02086355	Clorf126	0.00508364	1	0.268126	1.429545	0.142945	1.0334653	0.463197	-2.15891	0.000553026	0.190029	-5.26235	0.49782	1.808008	-1.23761	0.0220318	0.427056	-2.34161	0.274703	0.703263	-1.42194	0.000711948	0.232535	-4.07932	0.377953	0.916746	-1.00382	0.274708	0.703266	-1.42194	7.33607	11.1487	1.35069	1
ep09082921	Clorf126	0.02269367	1	0.00156746	0.415103	-2.40904	0.2408168	0.583656	-1.71334	0.0481347	0.645874	-1.54828	0.360477	1.19955	0.959523	0.9896	-1.01051	0.156934	0.746027	-1.34043	0.153978	0.744241	-1.34365	0.503916	1.14027	1.14027	0.676223	0.921193	-1.08468	4.245166	2.51843	0.52733	1
ep25665429	Clorf127	0.00701235	1	0.00228621	0.404678	-2.4711	0.234733	1.30239	1.30239	0.0501093	0.622619	-1.60612	0.839947	1.04381	1.04383	0.373273	0.823755	-1.21395	0.047282	0.617875	-1.61845	0.000893266	0.348109	-2.87267	0.00946948	0.497868	-2.00857	0.374103	0.824047	-1.21352	6.61149	4.71159	0.6334656	1
ep18302773	Clorf127	0.01744552	1	0.1689913	0.572959	-1.74533	0.0113655	0.299990	-3.33304	0.36798	0.700347	-1.42786	0.811534	0.95201	1.05021	0.00578874	0.253205	-3.94796	0.025204	0.5586	-1.79041	0.0019998	0.114889	3.11489	1.11489	0.0747168	0.470334	-2.12615	4.9257	11.2632	2.03254	1
ep10492791	Clorf127	0.0225319	1	0.920657	0.964339	-1.03698	0.647886	1.18245	1.18245	0.507852	0.782810	-1.27743	0.957487	0.823483	-1.21435	0.001982	0.203442	-4.9154	0.00516658	0.260348	-3.84101	0.0199504	0.359235	-2.78369	0.813836	0.917616	-1.08978	0.0959824	0.517954	-1.93067	4.516272	9.502375	1.87014	1
ep16152368	Clorf127	0.00427632	1	0.02215621	0.164138	-6.09242	0.0142044	0.137973	-7.24781	0.0763603	0.27502	-3.6361	0.403762	0.571553	-1.74962	0.031149	0.191384	-5.2251	0.101044	0.308573	-3.24072	0.00580816	0.0938988	-10.6498	0.220188	0.429976	-2.32571	0.125774	0.337095	-2.96582	5.93922	24.3968	4.03525	1
ep16257762	Clorf127,Clorf127	0.00228703	1	0.0192551	0.513849	-1.9461	0.0376092	0.567112	-1.76332	0.000691267	0.295847	-3.38013	0.00336008	0.391302	-2.55557	3.71E-05	0.154869	-6.45708	0.002100337	0.161613	-2.76539	2.11E-05	0.133188	-7.5082	0.0130316	0.484611	-2.06351	0.0433035	0.578917	-1.72736	17.7142	15.5148	0.7785241	1
ep02776628	Clorf129	0.00122457	1	0.00158164	0.621428	-1.60917	0.167384	0.80937	-1.23564	0.0133962	0.695393	-1.44845	0.411443	1.50666	1.50666	0.0010966	0.66303	-1.50824	0.022616	0.738898	-1.35337	0.00729936	0.15187	6.581077	0.00198049	0.169369	0.6469169	0.0790905	-1.31751	21.0169	4.84025	0.204714	1
ep14504092	Clorf129	0.000189981	1	0.00144764	0.65615	0.799017	0.943349	-1.06005	0.161253	0.370644	-1.40773	3.95c-05	0.0860581	-1.61201	0.979522	1.00692	1.00692	1.00692	0.097624	0.6598	-1.51561	0.0155873	0.507698	1.64149	1.64149	0.628	0.881728	45.4143	0.733507	1
ep25192619	Clorf129	0.0028688	1	0.133323	0.782624	-1.27775	0.0774823	0.168399	1.68399	0.526072	1.10213	1.10213	0.145859	1.26659	1.26659	0.116357	0.772383	-1.29469	0.400122	0.877772	-1.13925	0.000113176	0.358355	-2.79053	0.462867	0.893053	-1.11975	0.640093	1.07388	1.07388	8.67242	3.14674	0.3225529	1
ep13236679	Clorf129	0.00313032	1	0.0795704	0.687	-1.45545	0.1406401	0.132677	1.32677	0.01963	0.604963	-1.65299	0.487628	1.13396	1.13396	0.0102235	0.561463	-1.78106	0.569067	1.0998	1.0998	0.0146374	0.585158	-1.70894	0.0574925	0.683815	-1.46667	0.0061698	0.528968	-1.89047	5.505562	2.77127	0.4447429	1
ep22818913	Clorf129	0.029012	1	0.081784	0.489721	-2.04198	0.2682112	2.18014	2.18014	0.186664	1.66456	0.6148037	0.314580	-1.31875	0.077101	0.482739	-2.07051	?	?	?	0.02770303	0.372356	-2.6856	0.868697	0.942726	-1.06075	0.534695	7.9662	1.27702	1
ep15233794	Clorf129	0.5502434	1	0.1028	0.97243	-1.02847	0.633079	-1.63111	0.0038657	1.56857	-1.70483	0.2056	0.345347	1.56153	-1.74962	0.311746	1.1746	1.1746	0.01125	0.521373	-1.91801	0.163495	0.73708	-1.3567	0.132383	1.3953	1.3953	0.453333	1.16965	1.16965	5.70536	3.80234	0.5924	1
ep12931157	Clorf130,NFYA,NFYA	0.00700624	1	0.160987	0.787278	-1.2702	0.0888839	1.19545	1.19545	0.570756	1.09584	1.09584	0.207408	1.23661	1.23661	0.361508	0.680387	-1.47013	0.005042487	0.558673	-1.79086	0.000205	0.204919	-4.88151	0.0019756	0.10964	0.0113845	0.612308	-1.63377	14.2856	5.77558	0.1050949	1
ep17632124	Clorf130,NFYA,NFYA	0.00304811	1	0.00586298	0.738207	-1.35436	0.2024969	0.815271	-1.22593	0.927767	0.9932601	-1.00678	0.01226839	0.70434	-1.41977	0.246484	1.09453	1.09453	0.996541	1.00032	1.00032	0.00605888	1.30622	1.36922	0.587992	1.04161	1.04161	0.0189303	1.22592	1.22592	8.51781	0.7493	0.0781944	1
ep23598378	Clorf132	0.00074801	1	0.246535	0.854062	-1.17087	0.0006010	1.9917	1.9917	0.331084	0.877614	-1.13945	0.0164278	0.682694	-1.46479	0.723887	1.04726	1.04726	0.0104754	1.52108	1.52108	0.000490713	2.03564	2.03564	0.213712	0.843294	-1.18583	0.00234298	0.575292	-1.73825	12.9349	3.47167	0.2385751	1
ep16214153	Clorf132	0.00454509	1	0.513615	1.30379	1.30379	0.1426405	1.48346	1.48346	2.78318	1.278318	0.632152	1.23305	1.23305	1.244339	1.47708	1.47708	0.000484636	0.1373	0.646473	1.54773	0.0004	0.0004	2.50055	0.0001287	0.139133	7.18737	0.790055	1.1161	1.11161	0.0379529	0.385153	2.62114	7.55483	19.1876	2.25758	1
ep00138325	Clorf132	0.00546777	1	0.594803	0.871273	-1.14775	0.1971643	1.91402	1.91402	0.854066	0.613789	-1.62923	0.0575889	0.576266	-1.73531	0.0001090	0.199173	-5.02077	0.530263	0.849425	-1.17727	0.0077146	0.415358	-2.40756	0.648571	0.888892	-1.125	0.0202203	0.487318	-2.05205	7.140043	8.742456	0.927583	1
ep12649539	Clorf132	0.00155138	1	0.0057734	0.426609	-2.34227	0.0127754	1.16869	1.16869	0.0119242	0.736117	1.35017	1.35017	0.332624	1.48283	0.0001	0.674953	-1.48153	0.007175705	0.647339	-1.54422	0.0002	0.0002	3.16565	0.0001992	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep25148347	Clorf132	0.0165398	1	0.0221413	-3.14523	-3.17941	0.0201269	0.306645	-3.2611	0.00685381	0.228433	-4.37764	0.0876075	0.451546	-2.21462	0.00723534	0.231941	-4.31145	0.375248	0.681316	-1.46775	0.0134078	0.274942	-3.63714	0.00627934	0.222852	-4.48728	0.0839917	0.446542	2.239143	5.01525	14.1225	2.50304	1
ep18486258	Clorf132	0.0291152	1	0.0423753	2.64372	2.64372	0.00551919	4.55759	4.55759	0.0770363	2.26508	2.26508	0.312559	1.54405	1.54405	0.746606	1.14433	1.14433	0.0326578	2.828	2.828	0.824135	0.911596	-1.09698	0.00432928	4.8834	4.8834	0.102866	2.10032	2.10032	0.143142	0.130409	0.0607	5.346495	1.35	1
ep14843441	Clorf132	0.01520449	1	0.0162434	1.81758	1.81758	0.0100577	4.26296	4.26296	0.433038	1.42919	1.42919	0.158783	1.95875	1.95875	0.0001	0.206585	-4.84122	0.138642	0.401685	-2.49031	0.115734	0.170202	5.90705	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep06960164	Clorf132	0.0450695	1	0.038785	3.27553	3.27553	0.0627712	2.82406	2.82406	0.175762	2.04181	2.04181	0.291089	1.70514	1.70514	0.888681	1.07191	1.07191	0.16732	2.07484	2.07484	0.00674954	5.70519	5.70519	0.02083	3.97209	3.97209	0.0146	4.44275	4.44275	3.52349	13.7204	3.46132	1
ep12907138	Clorf132	0.00240744	1	0.0400777	1.2639	1.2639	0.0788447	1.19627	1.19627	0.134575	1.19627	0.134575	0.868308	-1.15167	0.547019	0.959955	-1.04172	0.0889892	0.174934	0.569673	-1.75606	0.0001	0.0001	3.89224	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep05834664	Clorf134	0.00081582	1	0.00312083	0.3295936	-3.08684	0.0362693	0.46813	-2.13616	0.599332	0.90281	-1.10761	0.576229	1.11488	1.11488	0.925-05	2.2193	-1.55997	0.0966541	1.00032	1.00032	0.00605888	1.30622	1.36922	0.587992	1.04161	1.04161	0.0189303	1.22592	1.22592	8.51781	0.7493	0.0781944	1
ep03969182	Clorf134	0.00109772	1	0.0011081	0.149004	-6.71122	0.120814	0.513574	-1.94714	0.255143	0.62465	-1.6009	0.0562032	2.35488	2.35488	0.00064757	0.125902	-7.9427	0.0446506	0.401283	-2.49201	0.000439011	0.11084	-9.02204	0.630824	1.21141	1.21141	0.00189985	0.172569	-5.7948	11.459	28.471	2.20853	1
ep03599940	Clorf134	0.00159394	1	0.0034194	0.19273	-5.18697	0.0243126	0.280258	-3.56731	0.0240241	0.181684	-5.50332	0.0178431	0.211474	0.211474	-2.23177	0.293276	0.167373	0.0174573	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	0.0004846	1
ep08081524	Clorf134	0.00282531	1	0.344579	0.741936	-1.34783	0.88818	0.04408	0.04408	0.783775	0.991212	-1.08799	0.993456	1.00252	1.00252	0.0222857	0.433899	-2.30469	0.000101052	0.124197	-8.05169	0.0184267	0.257688	-3.88056	0.214032	0.669568	-1.4935	0.14579	1.61418	1.61418	0.27174	0.102907	1.32345	1
ep07816366	Clorf134	0.00349868	1	7	?	?	?	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep14308107	Clorf134	0.00435536	1	0.0087964	-1.66804	-1.46962	0.662306	1.1029	1.1029	0.0318313	1.75194	1.75194	0.4422384	0.593631	-1.68455	0.00145962	0.358995	-2.78555	0.00303623	0.404455	-2.47247	0.178775	0.727318	-1.37488	0.0230294	1.83287	1.83287	0.984614	0.995711	-1.00431	7.653314	0.02107	0.699329	1
ep23380956	Clorf134	0.00437651	1	0.19327	0.771633	-1.29595	0.0838379	0.732205	-1.36574	0.311881	0.767237	-1.30338	0.0615569	0.558652	-1.79002	0.0041052	0.504128	0.534046	-1.87255	0.160697	0.786596	-1.2713	0.0507275	0.546849	-1.82866	0.00303526	1.93807	1.93807	0.824728	0.964508	-1.03668	7.164192	3.212555	0.373675	1
ep06834856	Clorf134	0.00439803	1	?	?	?	?	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep07333021	Clorf134	0.00550748	1	0.0197664	0.48265	-2.0719	0.687739	1.11023	1.11023	0.139512	0.662641	-1.50911	0.226912	0.720131	-1.38864	0.00020884	0.196017	-5.00959	0.0101508	0.452087	-2.31435	0.648869	1.12596	1.12596	0.274692	1.34196	1.34196	0.0756907	0.599492	-1.66808	7.124558	7.55753	0.942005	1
ep15381330	Clorf134	0.00626805	1	0.0062605	0.426785	-2.34311	0.305228	0.764704	0.764704	0.176163	-1.17404	0.499357	0.196697	0.196697	0.8916824	1.38219	1.38219	0.0149636	1.389471	0.924281	0.924281	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1
ep23328390	Clorf134	0.00759736	1	0.0513901	0.727624	-1.37434	0.6188585	0.74758	1.07458	0.137864	1.25741	1.25741	0.0204569	0.536329	-1.86453	0.0119726	0.167465	0.56746	-1.76647	0.0071298	0.0785133	12.7367	0.032903	0.699278	-1.43005	0.0139343	0.647016	-1.54556	0.45779	0.897274	-1.11449	0.5657	0.92013	1.0868	0.44789	2.09876	0.289329	1
ep23599776	Clorf134	0.0210127	1	0.254069	1.65377	1.65377	0.537791	1.3015	1.3015	0.62932	0.814292	-1.22806	0.265276	1.63292	1.63292	0.412684	0.702042	-1.42442	0.00131465	0.138773	-7.20601	0.769598	0.883329	-1.13208	0.529931	0.764322	-1.30835	0.00759592	0.234538	-4.2637	4.626207	13.0716	2.51168	1
ep08635134	Clorf134	0.00168013	1	0.0062605	0.426785	-2.34311	0.305228	0.764704	0.764704	0.176163	-1.17404	0.499357	0.196697	0.196697	0.8916824	1.38219	1.38219	0.0149636	1.389471	0.924281	0.924281	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1.082275	1.082275	0.0298756	1
ep05439521	Clorf134	0.0406168	1	0.0806238	0.861029	-11.614	0.215791	0.58268	-2.5956	0.571105	0.657639	-1.52059	0.433	0.556646	-1.79647	0.0071998	0.0785133	12.7367	0.145339	0.318262	-3.14206	0.0190515	0.125187	-7.98806	0.783822	0.817629	-1.22305	0.252211	0.142454	-7.0198	3.62242	31.0942	5.74673	1
ep07898437	Clorf135	0.0471235	1	0.1390311	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	0.5-e05	1
ep13631971	Clorf34	0.0473303	1	0.232351	1.38511	1.38511	0.19922	0.702702	-1.42308	0.359193	0.782533	-1.2779	0.49446	1.19777	1.19777	0.00216376	0.326376	3.06395	0.49961	0.836734	-1.19512	0.252745	1.36441	1.36441	0.234837	1.38249	1.38249	0.672913	0.895438	-1.11677	3.45927	3.7066	0.952443	1
ep08135194	Clorf34	0.0472942	1	0.1319	0.829345	-1.20596	0.1738047	1.19627	1.19627	0.134575	0.868308	-1.15167	0.547019	0.959955	-1.04172	0.0889892	0.174934	0.569673	-1.75606	0.0001	0.0001	3.89224	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep06183762	ClorF136	0.00035974	1	0.119352	0.78398	-1.39086	0.428114	0.71707	-1.39506	0.0779595	0.45257	-2.45257	0.516108	1.13715	1.13715	0.147455	0.596429	1.14646	0.0084699	0.375779	-2.66114	0.0023108	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep01668382	ClorF136,ClorF136	0.00082163	1	5.49E-05	0.289891	-3.44958	0.127953	0.762379	-1.31168	0.00913849	1.72613	1.72613	0.00906847	0.578849	-1.72753	0.071962	0.7181	-3.39256	0.00909734	0.579048	-1.72697	0.451087	1.13525	1.13525	0.0425511	1.4696	1.4696	0.752957	0.949277	-1.05343	12.4382	5.35415	0.382631	1
ep00190218	ClorF136,ClorF136	0.00100218	1	0.0054634	0.185753	-5.38351	0.0168164	0.2-e05	-4.9e+05	0.0-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	1
ep26088561	ClorF136,ClorF136	0.00114062	1	0.0299919	0.610104	-1.63906	0.430732	1.16843	1.16843	0.541606	0.887281	-1.12704	0.518257	0.564321	-1.77204	0.00016192	0.287571	-3.47741	0.003168454	0.458289	-2.18203	0.00221393	0.302128	-3.30985	0.753291	1.06293	1.06293	0.0306376	0.631676	-1.63485	13.3346	6.72494	0.527386	1
ep22752800	ClorF136,ClorF136	0.00195011	1	0.0466502	1.56555	1.56555	0.2-e05	0.2-e05	0.2-e05	0.2-e05	0.2-e05	2.11093	0.0388347	1.43874	1.43874	0.790111	0.960243	-1.04141	0.000929341	0.342913	-2.91703	0.605403	-1.65179	0.000995941	0.407086	-2.45648	0.0177636	0.688175	1.43514	0.0172115	0.118105	0.647896	-1.53834	0.953465	4.46914	0.344495	1
ep04530136	ClorF136,ClorF136	0.00374225	1	0.126296	0.654492	-1.5279	0.0601678	2.50879	2.50879	0.0180972	2.26874	2.26874	0.088158	1.61968	1.61968	0.0040905	0.372647	-2.6835	0.191997	0.701911	-1.42468	0.0135825	0.457198	-2.18724	0.873887	1.04155	1.04155	0.0330033	0.527908	1.89427	0.01144	8.333558	0.924631	1
ep06996599	ClorF136,ClorF136	0.00308825	1	0.701971	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	1.25-e05	0.000145	0.000211	0.0357734	5.90496	0.000122	0.000211	0.0357734	5.90496	0.000122	0.000211	0.0357734	5.90496	0.000122	0.000211	0.0357734	5.90496	0.000122	0.000211	0.0357734	5.90496	1
ep00463945	ClorF136,ClorF136	0.00462566	1	0.1688206	0.730179	-1.36953	0.00433717	0.441454	-2.26524	0.401603	0.831821	-1.20218	0.39405	0.829236	-1.20593	0.504447	0.864774	-1.15637	0.000176331	0.255613	-3.91217	0.197173	1.33968	1.33968	0.104521	1.46315	1.46315	0.737883	0.930493	-1.0747	7.514661	5.47542	0.647677	1
ep19191600	ClorF136,ClorF136	0.00206446	1	0.5656943	0.870581	-1.1019	0.728606	1.16894	1.16894	0.605033	0.836974	1.19042	1.19042	0.826737	-1.47848	0.8809841	1.0062	1.0062	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep13253493	ClorF136,ClorF136	0.00906548	1	0.607624	0.92026	-1.08622	0.291217	1.19111	1.19111	0.0495858	1.4293	1.4293	0.0255455	1.95077	1.95077	0.0328516	0.671264	-1.48973	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep18048542	ClorF136,ClorF136	0.0109191	1	0.360141	0.811156	-1.23281	0.854633	0.960022	-1.04164	0.284997	0.781098	-1.28025	0.165484	0.719594	-1.38967	0.00304925	0.405414	-2.46662	0.00182331	0.373215	-2.67942	0.0261025	0.555847	-1.79905	0.0819829	1.5353	1.5353	0.0409804	0.591733	-1.68995	5.74616	4.50386	0.606714	1
ep01790608	ClorF136,ClorF136	0.00125943	1	0.0106203	0.164364	-6.08345	0.0159378	0.194648	-5.13677	0.0174748	0.449702	1.9698	1.9698	0.0003241	1.36698	1.78E-05	0.260053	-3.84595	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep25004178	ClorF136,ClorF136	0.0136278	1	0.816847	1.03578	1.03578	0.209302	2.25281	1.22581	0.277915	1.18647	1.18647	0.0565106	1.38705	1.38705	0.366081	0.868733	1.1511	0.001052625	0.500847	-1.99662	0.199026	1.22833	1.22833	0.0641604	1.37056	1.37056	0.048854	0.711142	-1.40619	5.36498	1.94472	0.323292	1
ep02443480	ClorF136,ClorF136	0.0142927	1	0.1508227	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	0.7-e05	1
ep10182348	ClorF136,ClorF136	0.0135185	1	0.0149978	0.267658	-3.73611	0.0992448	0.458781	-2.17969	0.643756	0.818082	-1.22237	0.234388	0.58423	-1.71166	0.00613393	0.213973	-4.67349	0.00523836	0.204343	-4.89374	0.0027251	0.167905	-5.95573	0.892819	0.943531	-1.05985	0.0723127	0.421153	1.37443	5.18095	15.2548	2.61724	1
ep13584784	ClorF136,ClorF136	0.0156952	1	0.4484643	1.15381	1.15387	0.228142	1.26411	1.26411	0.264176	0.807324	-1.23866	0.362628	1.1893	1.1893	0.0144025	0.572057	-1.74808	0.040313	0.644752	-1.55098	0.254598	1.24657	1.24657	0.00216389	2.22017	2.22017	0.045694	1.0127	1.0127	5.1035	2.7747	0.483275	1
ep01400746	ClorF136,ClorF136	0.0168379	1	0.0410854	0.791639	-1.2632	0.1-e05	1.18157	1.18157	0.244736	0.908538	1.10067	0.10702S	1.59327	1.59327	0.0001	0.206889	-4.83607	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ep14352682	ClorF136,ClorF136	0.0180773	1	0.504784	0.835072	-1.1975	0.00190645	0.22548	1.22548	0.00375726	2.83406	2.83406	0.058198	1.76844	1.76844	0.635139	0.880474	-1.13575	0.195359

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg00201779	C6orf155	0.00101005	0.670603	1.14603	1.14603	0.000438276	0.170374	-5.86945	0.00327472	0.278899
cg00920327	C6orf155	0.00555912	0.214606	0.726644	-1.37619	0.394752	0.808121	-1.23744	0.00102734	3.28425
cg24132989	C6orf162;C6orf162	0.00228352	0.3369	1.20235	1.20235	0.000809641	0.367007	-2.72474	0.00231532	0.434761
cg26726529	C6orf162;C6orf162	0.00592643	0.181072	0.761646	-1.31295	0.989519	1.00252	1.00252	0.00550715	0.496756
cg18696325	C6orf162;C6orf162;GJB7	0.00093391	0.00339403	0.666073	-1.50134	0.0238986	1.3165	1.3165	0.789694	0.973096
cg01801951	C6orf162;C6orf162;GJB7	0.00134377	0.0100045	0.739496	-1.35227	0.00431761	0.701821	-1.42486	0.00320338	0.688388
cg27620230	C6orf162;C6orf162;GJB7	0.00375681	0.0300054	1.44848	1.44848	0.165706	0.806884	-1.23934	0.196012	1.21952
cg16068620	C6orf162;C6orf162;GJB7	0.0243615	0.291128	0.824114	-1.21342	0.966702	1.0074	1.0074	0.118887	1.34838
cg22884082	C6orf162;GJB7;C6orf162	0.0171645	0.313924	0.842592	-1.18681	0.051373	1.44022	1.44022	0.364972	1.16542
cg12183741	C6orf162;GJB7;C6orf162	0.0219689	0.916198	0.979025	-1.02142	0.0334934	1.64921	1.64921	0.294893	1.24456
cg01683756	C6orf163	7.93E-05	0.00192178	0.492211	-2.03165	0.000992838	0.454034	-2.20248	0.000103224	0.329939
cg23361916	C6orf163	0.00486029	0.00011064	0.138748	-7.20733	0.0552716	0.532104	-1.87933	0.418208	0.786469
cg00485515	C6orf163	0.0107825	0.0484679	0.518432	-1.92889	0.118114	0.609899	-1.63962	0.0244943	0.458
cg25658884	C6orf163;C6orf163	0.00292027	0.0247133	0.329498	-3.03492	0.698103	0.850593	-1.17565	0.0775143	0.442799
cg08756266	C6orf164	0.000478094	0.01405	0.695381	-1.43806	0.00620342	0.652097	-1.53351	0.00100242	1.79538
cg02407372	C6orf164	0.0161327	0.00758547	0.417319	-2.39625	0.536295	0.852686	-1.17277	0.0186391	0.483957
cg25212814	C6orf164	0.0306107	0.0183964	0.168862	-5.922	0.0747138	0.290974	-3.43674	0.0177092	0.166344
cg22010963	C6orf165;C6orf165	2.15E-05	1.30E-05	0.188913	-5.29344	0.0170866	0.588904	-1.69807	0.00445644	0.501112
cg00702381	C6orf165;C6orf165	0.00044936	1.69E-05	0.433086	-2.30901	0.128365	1.16856	1.16856	0.0725891	1.20907

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19274606	C6orf223	0.00934538	0.00388429	0.2239398	-4.45638	0.00328402	0.155346	-6.43724	0.00570648	0.246762	-4.0525	0.0598533	0.440565	-2.26081	0.0132229	0.305569	-2.37258	0.186411	0.590188	-1.69438	0.0614912	0.443429	-2.25515	0.0417774	0.404178	-2.47416	0.0438265	0.408845	-2.44591	6.03967	14.2553	2.09803	1
cg02213045	C6orf223	0.00975227	0.584656	0.89315	-1.11963	0.0010177	0.368791	-2.71156	0.0989905	0.690533	-1.44836	0.0325729	1.6688	1.6688	0.0123256	0.528349	-1.89269	0.285553	0.796864	-1.25492	0.0155339	0.544662	-1.836	0.832933	0.957677	-1.04419	0.91726	1.0215	1.0215	1.95818	3.95496	0.590032	1
cg11201894	C6orf223	0.0152249	0.164814	1.30534	1.30534	0.951774	0.989183	-1.01094	0.00543238	0.517993	-1.93053	0.499752	1.13109	1.13109	0.3868	0.852554	-1.17295	0.0547218	1.47968	1.47968	0.0154907	1.70572	1.70572	0.00915937	1.81326	1.81326	0.7077333	1.07007	1.07007	5.15525	2.63996	0.455193	1
cg16039071	C6orf223	0.0207832	0.0231267	0.438146	-2.28234	0.00188573	0.261604	-3.82257	0.0203507	0.426932	-2.34229	0.111574	0.590089	-1.69466	0.00686115	0.344519	-2.90252	0.431147	0.783916	-1.27565	0.0629633	0.526041	-1.89021	0.0904292	0.560738	-1.76448	0.110841	0.589339	-1.69682	4.64345	6.81296	1.3042	1
cg11900110	C6orf223	0.0224932	0.0305613	0.46994	-2.12793	0.563887	1.1893	1.1893	0.0972065	0.582227	-1.71754	0.778493	0.9196317	-1.08741	0.0295204	0.466929	-2.14165	0.464878	1.24494	1.24494	0.0031595	0.249432	-4.00911	0.113261	0.599202	-1.66889	0.0959924	0.580859	-1.72159	4.59139	6.32057	1.24315	1
cg24455148	C6orf225	0.00629938	0.210524	0.813046	-1.22994	0.0023095	0.512814	-1.95043	0.0376299	0.685028	-1.45979	0.00107526	0.4628777	-2.13321	0.394977	1.14644	1.14644	0.743262	1.05291	1.05291	0.0556319	1.40523	1.40523	0.1533884	1.10957	1.10957	0.101704	1.754992	-1.32452	6.83548	2.663884	0.346407	1
cg10237479	C6orf226	0.00644103	0.0429625	0.730941	-1.3681	0.0199878	1.45908	1.45908	0.00272552	1.74516	1.74516	0.553079	0.922433	-1.08409	0.251422	1.17496	1.17496	0.0941579	0.780652	-1.28098	0.0400103	0.726604	-1.37627	0.1131162	1.2611	1.2611	0.0137268	1.50683	1.50683	6.78854	1.94668	0.254898	1
cg18911861	C6orf226	0.00969946	0.0279451	0.70612	-1.41629	0.00893252	1.68318	1.68318	0.0156872	1.93709	1.93709	0.810312	0.972112	-1.02869	0.617755	1.03141	1.03141	0.501631	1.09568	1.09568	0.00387836	0.559841	-1.68395	0.70407	1.05246	1.05246	0.104813	1.26808	1.26808	5.94127	1.68916	0.25272	1
cg26878798	C6orf226,C6orf226	1.52E-05	2.34E-07	0.02978	2.02907802	-18.5794	0.0087749	-2.12723	0.11362	0.676926	-1.47727	0.0625913	0.60797	1.60797	0.468066	1.18217	1.18217	0.115587	1.47262	1.47262	7	0.474298	0.84795	-1.17931	0.00444807	0.423106	2.36347	37.3144	26.988	0.72326	1
cg04530460	C6orf226,C6orf226	0.00448618	0.529896	0.948664	-1.05411	0.0231373	1.25218	1.25218	0.490851	0.943693	-1.05967	0.871675	1.01348	1.01348	0.988689	1.00117	1.00117	0.0723475	0.846987	-1.18066	0.000101874	0.565526	-1.76826	0.510243	0.946188	-1.05687	0.124239	0.871229	-1.1478	7.5848	0.823388	0.0965535	1
cg04129454	C6orf227	0.00796433	0.118131	2.64165	1.42705	0.0206058	1.69805	1.69805	0.0044827	1.28347	1.28347	0.276031	0.91887	-1.08803	0.242726	1.25481	1.25481	0.0451494	1.72809	1.72809	0.00295069	2.19	2.2332	0.00359127	1.95612	1.56012	0.0219512	4.8242	4.8242	6.15307	10.9807	4.61449	1
cg19869469	C6orf227	0.0143113	0.00715114	4.82399	4.82399	0.0265142	3.29215	3.29215	0.212911	1.8118	1.8118	0.0661164	2.5445	2.5445	0.492677	0.7293	-1.37118	0.0200203	3.5564	3.5564	0.0215015	4.082	4.082	0.00263686	6.59025	6.59025	0.0772162	2.43534	2.43534	9.26168	17.1048	2.88962	1
cg01932113	C6orf227	0.0182216	0.0632225	5.33409	5.26369	0.103681	4.11492	4.11492	0.4402013	1.83706	1.83706	0.175765	3.14062	3.14062	0.0251229	8.31107	8.31107	0.0470679	6.08965	6.08965	0.0013407	40.6437	40.6437	0.00578445	17.6957	17.6957	0.0158027	6.96215	6.96215	4.8562	48.6017	8.89653	1
cg08301503	C6orf227	0.0227548	0.050227	4.85353	4.85353	0.1411295	5.29903	5.29903	0.2229356	2.47512	2.47512	0.130324	3.17812	3.17812	0.0230689	6.34453	6.84153	0.0433433	5.1783	5.1783	0.00181292	23.0642	23.0642	0.01313376	8.75312	8.75312	0.0447713	5.10505	5.10505	4.50145	35.7036	7.05031	1
cg11783815	C6orf227	0.026864	0.712227	1.06943	1.06943	0.183696	1.29116	1.29116	0.0144069	0.579006	-1.7271	0.894	0.977278	-1.03255	0.29394	0.820999	-1.21803	0.992094	0.998206	-1.0018	0.00199608	2.20477	2.20477	0.485688	0.879544	-1.13695	0.541006	0.893937	-1.11856	4.29128	2.20909	0.462122	1
cg05602975	C6orf227	0.0178044	0.1083463	2.00844	2.00844	0.0246174	2.94674	2.94674	0.0001	1.64791	1.64791	0.113911	2.84438	2.84438	0.0007	3.79046	3.79046	0.0805434	3.16541	3.16541	0.0032597	11.4887	11.4887	0.00985401	5.72408	5.72408	0.0302865	2.72602	2.72602	21.5041	5.12124	0.237	1
cg18814228	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00014528	0.0002465	0.252281	-3.96383	0.00190245	2.7199	2.7199	0.622362	0.893227	-1.11954	0.00746287	0.312235	-3.20272	3.95E-05	0.167185	-5.98139	0.206549	0.738581	-1.35395	0.621378	1.1199	1.1199	0.400783	1.21607	1.21607	0.0008233537	0.317863	-3.14601	19.6983	16.1405	0.728341	1
cg06430424	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00113295	0.0003914	0.544146	-1.83774	0.0320865	1.31048	1.31048	0.0308652	1.3139	1.3139	0.749583	1.03509	1.03509	0.0122479	1.3994	1.3994	0.00286717	0.642906	-1.55544	0.946538	0.992804	-1.00725	0.0121547	0.714213	-1.40014	0.0177811	0.733195	-1.36389	11.3564	2.08584	0.163262	1
cg21506565	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00165438	0.144013	1.7773	1.7773	0.00206058	4.90533	4.90533	0.273739	0.658819	-1.51787	0.245367	0.640699	-1.56079	0.00244988	0.213465	-4.68461	0.0663532	0.470257	-2.1265	0.000687127	0.149666	-6.68156	0.142424	1.78198	1.78198	0.0306961	0.394522	-2.53471	10.1876	21.6601	1.88989	1
cg00718684	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00198283	0.641569	0.873369	-1.14499	0.00141987	0.26355	-3.79435	0.476092	0.811171	-1.23279	0.388344	0.774655	-1.2909	0.715261	1.11161	1.11161	0.00135881	0.261031	-3.83097	0.000150918	0.152788	-6.54503	0.714066	1.11213	1.11213	0.014919	0.421217	-2.37407	9.66615	12.7695	1.17427	1
cg14522990	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00236478	0.0345911	0.477352	-2.09489	0.497213	0.813135	-1.22981	0.152496	0.63132	-1.58398	0.000807139	0.21935	-4.55892	0.000553317	0.20012	-4.99701	0.00106555	0.234185	-4.27013	0.00163083	0.258071	-3.87491	0.336031	0.742511	-1.34678	0.139693	0.620657	-1.6112	9.18088	13.0969	1.26804	1
cg05578039	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00525744	0.677427	0.910336	-1.0985	0.952167	1.01356	1.01356	0.90521	1.02711	1.02711	0.0818596	0.648567	-1.54186	0.00760336	0.462628	-2.16156	0.00909936	0.475112	-2.10477	0.000315379	0.26959	-3.70934	0.853139	1.04249	1.04249	0.00668947	0.453846	-2.20339	7.22681	5.77204	0.709553	1
cg23621689	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00987032	0.0122289	0.673404	-1.48499	0.0288509	0.721472	-1.38605	0.126079	0.810858	-1.23326	0.236599	0.854631	-1.1701	0.273129	0.865477	-1.15543	0.118242	1.23968	1.23968	0.00424243	1.62391	1.62391	0.0899395	0.789177	-1.26714	0.0323889	0.7281	-1.37344	5.93533	1.50838	0.225899	1
cg26114961	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0103499	0.292848	1.32956	1.32956	0.81812	0.941646	-1.06197	0.0162723	2.15318	2.15318	0.609748	0.874263	-1.14382	0.00263657	0.337434	-2.96355	0.758967	0.922808	-1.08365	0.123809	1.54506	1.54506	0.0339667	1.90813	1.90813	0.0193423	0.477515	-2.09417	5.84587	6.30813	0.959177	1
cg18718647	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0132641	0.0204516	0.433597	-2.30629	0.749057	1.10077	1.10077	0.0809281	0.560477	-1.78419	0.0473811	0.507304	-1.9712	0.00160286	0.258187	-3.87316	0.00768462	0.358875	-2.78649	0.0688922	0.544019	-1.83817	0.344929	1.3378	1.3378	0.0571966	0.525363	-1.90345	5.39456	7.64662	1.25997	1
cg03658690	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0151248	0.267767	1.60323	1.60323	0.0447387	4.71148	4.71148	0.2913	1.56475	1.56475	0.042525	0.384814	-2.59866	0.871246	0.935829	-1.06857	0.427198	0.717865	-1.39302	0.303662	1.54591	1.54591	0.155671	1.86105	1.86105	0.00587993	0.229041	-4.36602	5.16652	13.6801	2.35364	1
cg21620139	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0191947	0.673064	1.18466	1.18466	0.00286861	5.14398	5.14398	0.774471	0.891623	-1.12155	0.811125	0.908833	-1.10031	0.00694126	0.247879	-4.03422	0.140048	0.530498	-1.88502	0.24621	0.616172	-1.62292	0.811985	1.09982	1.09982	0.0792417	0.45932	-2.17713	4.70358	12.0463	2.24455	1
cg05667097	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0242364	0.0926076	0.651723	-1.53439	0.530717	1.15825	1.15825	0.585967	1.13568	1.13568	0.180029	0.719375	-1.3901	0.0332058	0.562199	-1.77873	0.00616466	0.437582	-2.28528	0.958487	0.988031	-1.01211	0.706864	1.09133	1.09133	0.00329914	0.396141	-2.52435	4.40442	3.73304	0.753392	1
cg12923268	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0256811	0.820298	0.942531	-1.06097	0.275709	0.745446	-1.34148	0.276105	0.744754	-1.34272	0.560647	1.16539	1.16539	0.00759279	2.265111	3.772	0.134314	1.52195	1.52195	0.439857	1.22743	1.22743	0.850434	0.952082	-1.05033	0.11546	0.640729	-1.56072	4.31663	4.62607	0.952609	1
cg03923227	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0263979	0.0174493	0.315929	-3.16527	0.163014	1.81505	1.81505	0.212248	1.68736	1.68736	0.536177	1.28329	1.28329	0.304405	0.654747	-1.52731	0.0233656	0.340008	-2.94111	0.514127	1.3014	1.3014	0.0350339	2.65901	2.65901	0.0469415	0.40432	-2.47329	4.27531	10.7351	2.23197	1
cg17772640	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0264535	0.0290761	0.438769	-2.2791	0.287618	0.702175	-1.42415	0.104383	0.566366	-1.76564	0.0428132	0.47396	-2.10988	0.122525	0.585137	-1.709	0.00546255	0.310269	-3.22301	0.00591601	0.315677	-3.16779	0.75667	1.10466	1.10466	0.0255495	0.427546	-2.33893	4.27217	6.93926	1.44382	1
cg06132876	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0298785	0.911812	1.01675	1.01675	0.00461306	1.75961	1.75961	0.42396	1.13022	1.13022	0.744527	0.952167	-1.05024	0.837471	1.03127	1.03127	0.0237228	0.667174	-1.49886	0.0142222	1.57357	1.57357	0.467483	0.895095	-1.1172	0.888697	0.979228	-1.02121	4.09273	1.45653	0.316339	1
cg05991539	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0336366	0.0018205	0.319879	-3.12618	0.183986	1.43693	1.43693	0.103448	1.58101	1.58101	0.913627	1.0283	1.0283	0.743552	0.918968	-1.08818	0.111655	1.56146	1.56146	0.301045	1.31734	1.31734	0.898703	0.967774	-1.0333	0.390343	0.797407	-1.25407	3.923	4.11024	0.931314	1
cg07739478	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0397163	0.670981	1.19329	1.19329	0.0177346	3.29526	3.29526	0.938952	1.03218	1.03218	0.942089	0.970402	-1.0305	0.0204694	0.315078	-3.17381	0.370306	1.46297	1.46297	0.642897	0.824404	-1.213	0.186319	1.78499	1.78499	0.0156337	0.293557	-3.40649	1.6928	10.0027	2.40773	1
cg16746362	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0404933	0.0279298	0.272597	-3.66842	0.518467	1.38759	1.38759	0.383254	1.56425	1.56425	0.122632	0.432968	-2.30964	0.00394415	0.143632	-6.96223	0.122208	2.3122	2.3122	0.586971	1.31583	1.31583	0.918334	1.05266	1.05266	0.640815	0.79047	-1.26507	3.66653	14.5404	3.52507	1
cg09935495	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	6.55E-05	0.716228	0.921631	-1.08503	0.309599	1.26498	1.26498	0.000494588	0.295475	-3.38438	0.204663	0.741412	-1.34878	1.31E-06	0.0624481	-16.0133	0.632877	0.898001	-1.11358	0.000424828	0.28716	-3.48238	0.323504	1.25603	1.25603	0.0180597	0.526223	-1.90034	7.22742	19.6133	0.703545	1
cg18058048	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.00121905	0.000979929	0.266635	-3.75045	0.000316955	0.207443	-4.8206	0.00230258	0.317065	-3.15393	0.00425372	0.356434	-2.80557	0.00109683	0.273005	-3.66293	0.0302919	0.503208	-1.98725	0.0109138	0.42248	-2.36698	0.326898	1.3138	1.3138	0.056976	0.559434	-1.78752	11.1216	12.8083	1.02369	1
cg20382047	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0500415	0.292083	0.859546	-1.1634	0.00028207	2.27452	2.27452	0.252266	1.18008	1.18008	0.0388473	1.39259	1.39259	0.0381235	0.716925	-1.39485	0.117877	0.790482	-1.26505	0.20507	1.20337	1.20337	0.193212	0.826428	-1.21003	0.448027	0.898471	-1.113	7.33674	2.22756	0.269882	1
cg10276506	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0140343	0.583467	1.07302	1.07302	0.0171259	0.690875	-1.44744	0.00380162	0.608483	-1.64343	0.0887682	1.26988	1.26988	0.0025302	0.625449	-1.59885	0.245131	1.16733	1.16733	0.96596	0.994584	-1.00545	0.271003	0.864289	-1.15702	0.985329	0.997663	-1.00234	5.29563	1.35842	0.228016	1
cg14110444	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0227751	0.00821827	0.116856	-8.55756	0.0176908	0.160109	-6.24573	0.0395456	0.220541	-4.53431	0.0659988	0.269523	-3.70476	0.0140095	0.145665	-6.86507	0.0633253	0.265548	-3.76579	0.00436086	0.0890821	-11.2256	0.156883	0.382368	-2.61528	0.0740506	0.282504	-3.53977	4.50006	28.7344	5.67585	1
cg17998629	C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25,C6orf25	0.0470901	0.7780754	0.921659	-1.085	0.0287705	0.474947	-2.1055	0.285928	0.726182	-1.37706	0.864729	0.951966	-1.05046	0.0115237	0.401605	-2.49001	0.953591	0.983338	-1.01694	0.00508927	0.34437	-2.91231	0.726791	0.903687	-1.10658	0.0523756	0.528091	-1.89071	4.56593	1.17342	1
cg20660910	C6orf26	0.00169018	0.0060784	0.49631	-2.01487	0.748731	0.939084	-1.06487	0.549808	0.888394	-1.12563	0.398218	1.18431	1.18431	3.81E-05	0.213476	-4.68436	0.184529	0.759379	-1.31687	0.273544	0.800241	-1.24962	0.0652927	1.49882	1.49882	0.0729877	0.676313	-1.4786	10.1247	6.13304	0.538443	1
cg14131101	C6orf26	0.00887109	0.0016247	0.109668	-9.11858	0.0001611	0.254133	-3.93555	0.0200931	0.411437	-2.42999	0.0124208	0.522499	-1.91408	0.00465378	0.176934	-5.65249	0.0152355	0.124032	-8.0482	0.01598	0.64631	-1.54707	0.0613346	0.737613	-1.35569	0.0107266	0.626335	-1.59677	4.41861	6.14021	20.816	3.02293	1
cg20051324	C6orf26	0.0148347	0.0070338	0.194645	-5.14035	-7.42693	0.7513395	0.8328541	-1.20069	0.583367	0.727057	-1.37541	0.273348	0.51892	-1.92708	0.000553756	0.045754	21.856	0.123298	0.382633	-2.61347	0.0557283	0.287241	-3.4814	0.174095	0.43515	-2.29806	0.0256521	0.217534	-4.59698	5.19971	27.2714	4.66205	1
cg02788189	C6orf26,C6orf26	0.0154247	0.0016637	0.293392	-3.4207	0.845063	0.946507	-1.05652	0.456658	0.808144	-1.2374	0.760295	0.919315	-1.08777	0.00268865	0.167762	-5.96078	0.508741	1.0728	1.0728	0.853248	0.940982	-1.06265	0.188505	0.674011	-1.48365	0.0107218	0.492	-2.03211	4.18303	6.07183	1.11158	1
cg16224104	C6orf26	0.0255073	0.0284415	0.229927	-4.3492	0.0232129	0.213873	-4.67567	0.0565114	0.293103	-3.41178	0.041151	0.262055	-3.81599	0.00682348	0.313304	3.19179	0.17201	1.43763	-2.28504	0.0115832	0.166252	-6.01498	0.0111775	0.164082	-6.09453	0.00750957	0.140016	-7.14204	4.32686	22.5412	4.54857	1
cg17754448	C6orf26	0.0124847	0.0029834	0.466943	-2.14159	0.902941	0.972246	-1.02855	0.434932	0.832107	-1.20177	0.387077	0.815018	-1.22697	0.00232385	0.37498	-2.66681	0.093814	0.658652	-1.51825	0.0383529	0.574842	-1.73961	0.699564	0.91442	-1.09359	0.0443938	0.587022	-1.70351	5.97243	3.34882	0.749347	1
cg17391620	C6orf26,C6orf26	0.00122055	0.30758	0.8244	-1.2131	7.10E-05	3.77036	3.77039	0.0607246	1.45824	1.45824	0.422732	0.2128411	2.1195	0.00979202	0.472457	2.11695	0.0242154	0.496841	-2.01272	0.0107858	0.451731	-2.21395	0.0313009	1.58706	1.58706	7.90E-05	1.68647	1.68647	20.9892	11.1117	0.470579	1
cg10095777	C6orf27	0.00013751	0.227261	1.40868	1.40868	7.58E-05	6.96038	6.96038	0.0206615	2.12405	2.12405	0.934284	1.02254	1.02254	8.55E-05	6.73592	6.73592	0.00517961	0.368753	-2.71184	0.0745261	0.584461	-1.71098	0.00795689	2.50863	2.50863	0.000136376	5.95561	5.95561	20.3416	23.5414	1.02871	1
cg15318662	C6orf27	0.00017328	0.0002728	0.345268	-2.89531	0.109945	0.729855	1.37013	0.0001900	2.06483	2.06483	0.0001	1.13242	1.13242	0.0001	1.66276	1.66276	0.0001	0.242851	-4.11756	0.0001	0.260599	1.22927	1.22927	0.000809592	2.46214	2.46214	0.000807	1.08082	0.00737189	0.540209	-1.85114	19.142	9.64155	0.444721	1
cg01593741	C6orf27	0.00109236	0.363342	0.783564	-1.27622	5.73E-05	2.02413	2.02413	0.0811846	1.65656	1.65656	0.807128	1.06594	1.06594	0.0305233	1.94189	1.94189	0.00194213	0.31837	-3.141	0.000844377	0.269715	-3.70762	0.0108758	2.30434	2.30434	0.000773801	3.77541	3.77541	18.6221	20.1033	0.959592	1
cg16497961	C6orf27	0.00038122	0.0217796	-1.63556	0.0183676	0.807045	1.12734	1.12734	0.402162	0.939096	-1.06488	0.489543	0.988255	-1.01188	1.41E-05	0.463275	-2.15855	0.00039168	0.640298	-1.5611	0.0609251	0.91908	1.00368	1.00368	0.249857	0.911792	-1.09674	0.413182	0.914885	-1.09303	14.7705	5.04901	0.101759	1
cg10923018	C6orf27	0.00087388	0.00151228	0.360941	-2.77053	0.364264	1.01004	1.01004	0.00207177	0.386218	-2.58921	0.829602	1.04923	1.04923	3.78E-05	0.171368	-5.83541	0.480108	0.852113	-1.17355	0.457162	0.846434	-1.18394	0.12532	0.690767	-1.44767	0.00183252	0.372642	-2.68354	12.2239	9.6272	0.700065	1
cg22974212	C6orf27	0.00165766	0.111389	0.777515	-1.28615	0.623353	0.930686	-1.07448	0.463925	0.897465	-1.11425	0.218823	0.828877	-1.20645	5.72E-05	0.338313	-2.95584	0.0448382	1.39679	1.39679	0.0160229	1.53393	1.53393	0.0252707	0.679743	-1.47114	0.424329	0.888332	-1.12571	10.1818	3.1961	0.296486	1
cg00330953	C6orf27	0.0402312	0.0602117	0.5	-1.99999	0.0436067	1.59423	1.59423	0.0127183	1.72873	1.72873	0.123203	1.72524	1.72524	0.0016	2.76909	2.76909	0.0026558	0.440505	-2.27012	0.0024819	0.536235	-1.86492	0.0346126	0.428562	-2.33338	0.0034526	2.22175	2.22175	0.187416	1.32428	1.32428	0.978537	0.56801	1
cg18273421	C6orf27	0.00360275	0.0850969	0.664042	-1.50593	0.00125854	2.75279	2.75279	0.158806	1.38249	1.38249	0.431838	1.18737	1.18737	0.0130588	1.93897	1.93897	0.108117	0.685934	-1.45787	0.00534926	0.454333	-2.20103	0.395511	1.20578	1.20578	0.0164965	1.85778	1.85778	8.10328	5.93495	0.651034	1
cg08575819	C6orf27	0.00109339	0.0028769	0.521168	-1.91872	0.0279995	0.608304	-1.64277	0.00153439	0.648197	-1.54252	0.0154861	0.555486	-1.80023	0.00127213	0.395245	-2.52308	0.0420884	0.629752	-1.58793	0.0210967	0.52749	-1.89577	0.150637	0.737838	-1.35549	0.00235762	0.442055	-2.26984	6.00219	4.61251	0.548843	1
cg04591534	C6orf27	0.00863793	0.0011418	0.418616	-2.38916	0.0046509	2.8374	2.8374	0.0001	1.48728	1.48728	0.0001	1.52605	1.52605	0.0001	1.58966	1.58966	0.0001	0.377184	-2.65073	0.0001	0.131174	0

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Proboset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	FDR(Error
chr10577995	C6orf148;C6orf48;SNORD52	0.0346481	0.0107289	1.406993	-7.11274	1.0683833	0.2736458	-3.6542	0.0716075	0.28202	-3.42442	0.0469427	0.2546607	-3.59762	0.0211149	0.183266	-5.45655	0.145115	1.370669	-2.63388	0.0105505	0.139657	-7.1604	0.124726	0.363687	-2.76482	0.0159066	0.164191	-6.00047	1.88129	23.0148	5.27082	1
chr05789250	C6orf148;C6orf48;SNORD52	0.0369432	0.00499173	1.177428	-5.63608	0.0959712	0.427066	-2.34156	0.487342	0.720081	-1.38873	0.0368318	0.32352	-3.091	0.0280653	0.298982	1.34468	0.763893	1.869194	-1.15049	0.0986062	0.219211	-4.56181	0.0924754	0.42245	-2.36715	0.0844184	0.411349	-2.43103	3.791998	13.0063	3.04884	1
chr04736217	C6orf148;C6orf48;SNORD52	0.0446659	0.0230427	1.254096	-3.93552	0.0963995	0.398471	-2.50959	0.19997	0.505376	-1.97873	0.151117	0.4605502	-2.17154	0.0950176	0.396648	-2.52112	0.959098	0.974468	-1.02619	0.00579312	0.161711	-6.18387	0.0467743	0.317445	-3.15015	0.0160388	0.226354	-4.41787	3.535637	14.2257	3.57672	1
chr17384214	C6orf148;SNORD48;C6orf48	0.0029704	0.0638809	1.834519	-1.22771	0.189931	0.872184	-1.14654	0.573318	0.94549	-1.05765	0.643751	0.9551657	-1.04694	0.000230615	1.7886	1.7886	0.379333	1.26751	-2.63611	0.0049288	0.144319	1.44319	0.376189	0.914943	-1.00358	0.0643802	0.814906	-1.22714	8.58283	1.33887	0.13659	1
chr02523311	C6orf148;SNORD48;C6orf48	0.0036912	0.00013228	0.0375786	-26.6109	0.0195532	0.140988	-7.09282	0.760119	0.887218	-1.12712	0.529891	1.28345	1.28345	0.0477151	0.394897	-2.53231	0.28291	0.64037	-1.55517	0.785212	0.898775	-1.11263	0.828424	0.918729	-1.08846	0.113557	0.499941	-2.00024	11.6365	26.7415	1.53204	1
chr10635065	C6orf148;SNORD48;C6orf48	0.0038488	0.194607	1.48916	1.48916	0.84297	0.944064	-1.09325	0.686632	1.12491	1.12491	0.00397396	0.4299099	-1.07693	0.00102618	0.243559	-4.10511	0.0883122	0.579393	-1.72594	0.0253087	0.462206	-2.16354	0.101224	0.594019	-1.68345	0.0212614	0.44774	-2.23344	6.250888	8.33848	1.18575	1
chr00701530	C6orf148;SNORD48;C6orf48	0.0479291	0.00182535	0.119681	-7.15918	0.5044316	0.73867	-1.35379	0.896602	0.943518	-1.05986	0.4723	0.721145	-1.38668	0.789233	1.12728	1.12728	0.884833	1.06696	1.06696	0.0117232	0.2446168	-4.088	0.300395	0.618865	-1.61586	0.947431	0.9709945	-1.02992	3.44289	10.9036	2.81509	1
chr07606551	C6orf52;C6orf51;C6orf52	0.0030098	0.3401377	-1.42923	0.0363104	0.6456201	0.34912	0.1446051	0.573822	-1.7427	0.144886	0.577988	-1.73104	0.0606599	0.2035565	-1.40409	0.00374015	0.253595	-1.9431	0.0778181	0.728242	-1.37317	0.385614	0.677961	-1.47501	0.0423356	0.440646	-2.2694	4.8656	9.64475	1.7291	1
chr06640396	C6orf52;C6orf51;C6orf52;PAK1IP1	0.010209	0.0390767	1.20367	0.3098281	1.352147	0.135234	0.495078	0.947442	-1.05547	0.0716229	0.854905	-1.16972	0.527391	0.15117	1.05117	1.05117	0.0183817	0.80016	-1.24975	0.937441	0.9939898	-1.00614	0.105938	0.105333	0.05333	0.0073134	0.314104	3.131044	5.87161	0.564776	0.0855001	0
chr09251771	C6orf52;C6orf51;C6orf52;PAK1IP1	0.0266544	0.136601	0.449861	-2.22291	0.206732	1.93105	1.93105	0.0569077	2.98492	2.98492	0.91609	0.950194	-1.05242	?	?	?	0.869237	0.923222	-1.08316	0.00329292	0.93394	0.93394	0.296895	1.70078	1.70078	0.0124458	5.14962	5.14962	5.45118	17.1705	2.36241	1
chr04431094	C6orf52;C6orf51;C6orf52;PAK1IP1	0.0081556	0.1878821	1.72096	1.72096	0.5813	0.132185	0.539463	0.598247	0.937465	-1.06671	0.133014	1.254607	-3.59762	0.0296076	1.13498	1.13498	0.064793	1.27436	1.27436	0.0002703	0.1080638	0.501401	1.99441	0.365244	1.14405	1.14405	0.345034	1.12017	6.318	1.36654	0.19226	1
chr03150474	C6orf52;C6orf51;C6orf52;PAK1IP1	0.0376354	0.0748334	1.7876	1.7876	0.470416	0.23982	1.23982	0.436283	1.26175	1.26175	0.00746916	0.223592	-4.47244	0.155928	0.641206	-1.55956	0.142135	0.630132	-1.58722	?	?	?	0.441963	0.794916	-1.25799	0.64506	1.45544	1.53289	6.32001	1.2065	1
chr02181837	C6orf52;PAK1IP1;C6orf52;C6orf52	0.0079042	0.7519512	0.6013123	-1.66045	0.5518	0.07818	1.07818	0.293869	0.837203	-1.19458	0.364297	1.038331	1.038331	0.0162291	1.44305	1.44305	0.074557	1.31894	1.31894	2.17E-05	0.343773	-2.80888	0.784857	1.04176	1.04176	0.0174407	1.49011	1.49011	12.5746	3.11553	0.2200393	1
chr08923626	C6orf52;PAK1IP1;C6orf52;C6orf52	0.0618769	0.161371	0.8178931	-1.22265	0.16898	1.21771	1.21771	0.0205579	0.687302	-1.45497	0.321178	1.1477	1.1477	0.00262032	0.571216	-1.75065	0.469272	0.905784	-1.10402	0.00431372	0.598772	-1.67008	0.183219	1.20901	1.20901	0.0262649	1.42515	1.42515	6.87343	1.96647	0.2543409	1
chr03146480	C6orf52;PAK1IP1;C6orf52;C6orf52	0.0072431	0.0103597	0.760175	-1.31549	0.380814	0.926165	-1.07932	0.463591	0.938603	-1.06541	0.0226407	1.26081	1.26081	0.420052	0.932435	-1.07246	0.0051387	0.73063	-1.36868	0.129524	1.14922	1.14922	0.950992	0.963794	-1.03757	0.00527378	1.36665	1.36665	5.45622	0.747491	0.1015115	1
chr03675803	C6orf52;PAK1IP1;C6orf52;C6orf52	0.0133047	0.0212761	0.6970758	-1.4346	0.3758251	1.12579	1.12579	0.568099	1.107799	1.107799	0.0115412	0.6245451	1.033203	0.9777232	1.033203	0.870326	-1.14915	0.0478647	0.710845	0.0158007	0.677445	-1.47605	0.0318084	0.720342	-1.38823	0.197003	0.7109568	2.592511	1
chr01227237	C6orf52;PAK1IP1;C6orf52;C6orf52	0.0364677	0.1282454	0.5280353	-1.89375	0.2654664	1.56938	1.56938	0.0717683	2.18306	2.18306	0.42996	1.36736	1.36736	0.00225958	0.190216	-5.25717	0.766528	1.12259	1.12259	0.545334	0.7884636	-1.26833	0.329437	1.47828	1.47828	0.3938805	0.712323	-1.40386	0.80991	9.10086	2.12332	1
chr02158087	C6orf57	0.0064324	0.071755	1.51912	1.51912	0.00758183	2.01424	2.01424	0.116414	1.42297	1.42297	0.00862963	0.500363	-1.99855	0.413686	0.841339	-1.18861	0.472622	1.16305	1.16305	0.00616344	0.479314	-2.08351	0.911217	0.977201	-1.02333	0.0178604	1.81354	1.81354	6.79128	4.59835	0.6018363	1
chr02754510	C6orf57;C6orf52	0.0370539	0.00740362	1.2579555	-1.87602	0.0404679	0.164696	-6.07179	0.2054919	0.591767	-1.68986	0.0718946	0.4542722	-2.20132	0.0238486	0.27173	-4.54669	0.019311	0.329161	-3.03801	0.0310008	0.2040683	-4.89996	0.0229061	0.343381	-2.91221	0.0447224	0.737695	-1.35557	6.54204	15.9798	2.17123	1
chr01287811	C6orf57	0.0173992	0.223964	0.795628	-1.25687	0.00630155	1.89026	1.89026	0.597762	1.09997	1.09997	0.7720062	0.949340	-1.05335	0.00121959	0.42871	-2.33258	0.838424	0.964121	-1.03721	0.807777	0.957317	-1.04459	0.576112	0.903861	-1.10636	0.526146	1.12181	1.12181	4.93101	2.50106	0.4508544	1
chr02568693	C6orf57	0.0028565	0.0028565	0.4790737	-2.0602	0.1387	0.279358	-1.28411	0.143686	0.5275	1.3275	0.969149	0.99355	-1.0072	0.76104	1.0504	1.04504	0.979536	0.78211	-1.2794	0.0377319	0.790796	-1.26479	0.0860204	0.758053	-1.31906	0.0178553	1.40676	0.197221	1.27866	1.98637	0.4577447	1
chr03346692	C6orf58	0.00033922	0.4056512	1.14179	1.14179	0.00595799	0.437825	-2.28402	0.00249737	0.388934	-2.56453	0.00076458	0.451772	-2.21351	2.71E-05	0.275035	-3.6359	0.000215291	0.381902	-2.61847	0.465192	0.890616	-1.12282	0.086968	1.34255	1.34255	0.0250449	0.660055	-1.51503	20.2324	7.78223	0.3413903	1
chr12936469	C6orf59;AGPAT4	0.0026584	0.0098279	1.2041	1.2041	0.0405753	0.194358	1.58932	0.0600707	0.425436	-2.47346	0.0018859	0.6075759	-1.64579	0.0140048	0.251511	-3.97613	0.0165848	0.489091	-2.04421	0.222227	0.4504076	-2.22227	0.113066	0.647536	-1.54432	0.179664	0.807792	-1.23846	8.82323	13.04462	3.1	1
chr07607040	C6orf59;AGPAT4	0.0476222	0.155348	0.6662288	-1.50085	0.678714	0.89473	-1.11766	0.985777	0.995251	-1.00477	0.868598	0.956747	-1.04521	0.000969682	0.271047	3.6894	0.121796	0.638972	-1.56501	0.447669	1.22956	1.22956	0.508201	0.8358898	-1.19632	0.297065	0.749241	1.33468	3.450616	1.89671	1.00394	1
chr11780382	C6orf62	0.000812612	0.00265812	0.55455	-1.80326	0.891294	0.980789	-1.01959	0.00184707	2.450504	2.450504	0.239436	0.83966	-1.19096	0.0267525	0.689148	4.15107	0.000538376	0.465955	2.14613	0.009436	0.1016227	9.85261	0.127532	1.07514	1.07514	0.0661377	0.746506	-1.33957	12.477	3.97671	0.283309	1
chr12104246	C6orf62	0.0146701	0.00288207	0.5139	0.5139	0.0195641	0.265185	1.26185	0.0664614	0.733003	1.73003	0.0132303	0.9777232	-1.02279	0.00148552	0.2003	4.99201	0.741419	1.04365	1.04365	0.00244742	0.5804557	-1.72278	0.633815	1.06388	1.06388	0.542281	0.923493	-1.08285	4.20704	1.10934	0.234388	1
chr02254392	C6orf62;C6orf62	0.0267634	0.1129702	0.8862	1.1357	0.8862	1.14558	1.14558	0.0115408	1.78214	1.78214	0.801274	1.104163	1.104163	0.0281878	0.463384	-2.16747	0.2600051	1.14968	1.14968	0.0079187	0.4623387	-2.16302	0.0858389	0.938	0.938	0.4442834	0.733268	1.10741	1.10741	4.64152	5.84306	1.225234	1
chr04417788	C6orf64	0.0002787	0.4026-06	0.0402807	-24.8258	0.2675114	0.707127	-1.41417	0.104278	0.76369	-1.30969	0.0191954	0.429054	-2.33071	0.346813	0.5477778	1.33729	0.778436	0.918856	-1.08831	?	?	?	0.81454	0.931929	-1.07304	0.837733	1.0651	1.0651	17.2905	21.7961	1.26717	1
chr02627783	C6orf64	0.00105253	0.305619	1.09071	1.09071	0.000331607	1.60683	1.60683	0.00284075	1.39981	1.39981	0.937879	0.993619	-1.0064	0.372131	1.07789	1.07789	0.613906	1.04252	1.04252	0.00100335	0.6704746	-1.49148	0.0426167	1.21056	1.21056	0.00279787	1.40105	1.40105	11.5968	1.23073	0.0943353	1
chr04728542	C6orf64	0.0126498	0.689791	1.20652	1.20652	0.3867	0.52989	-1.32989	0.0145966	1.59515	1.59515	0.0256636	1.31804	-1.04637	0.0013	0.36034	-2.77469	0.888892	1.53872	1.53872	0.0001045	0.2048383	2.08525	0.0125229	2.04083	2.04083	0.0125229	9.19363	9.19363	20.8734	3.74521	0.3647261	1
chr03659696	C6orf64	0.00227047	0.862096	1.02064	1.02064	0.568754	0.93455	-1.07003	0.81507	0.972841	-1.02792	0.308895	1.13174	1.13174	0.474223	1.08929	1.08929	0.052143	1.29641	1.29641	6.9E-05	0.425687	-2.34914	0.332287	1.12473	1.12473	0.0316141	1.44883	1.44883	5.29112	2.03228	0.19441	1
chr08736547	C6orf64	0.0027313	0.3185842	1.1435	1.1435	0.0001758	0.0001758	0.47905	0.0001758	0.47018	0.547533	-1.54432	0.00072647	0.561173	-1.78198	0.00079558	0.4239107	0.473346	0.00018859	0.7092	-1.40994555	0.3749777	-2.66683	0.0001758	0.672358	-1.4873	0.0001758	0.588548	0.475435	1.62	0.7873	0.0918454	1
chr08650120	C6orf64	0.0055184	0.000110314	0.119963	-8.33591	0.214767	1.50227	1.50227	0.182758	1.55364	1.55364	0.311692	1.38563	1.38563	0.388302	0.759163	1.31724	0.193289	0.53573	1.53573	0.774879	1.09347	1.09347	0.452465	0.7877787	-1.26938	0.483944	0.801172	-1.24817	7.12025	10.9514	1.36717	1
chr03469118	C6orf64	0.00676915	0.584797	1.03672	1.03672	0.264271	1.14556	1.14556	0.00841346	2.04626	2.04626	0.190695	0.91341	-1.0948	0.0704429	0.141229	1.41229	0.1445	0.00197658	1.3307	1.3307	0.00124703	1.30103	1.30103	0.0248754	0.680615	0.0237263	1.89962	9.64687	18.3211	1.83196	0.0601468	1
chr01645089	C6orf64	0.0210344	0.0218469	1.37254	1.37254	0.0138438	0.224237	1.56455	0.0384745	0.5	2	0.0133	0.4743603	0.6560742	1.5293	0.3756598	2.6307	0.318974	0.0010859	0.677559	1.47476	0.0074283	1.64649	0.0022819	0.6634	1.51	0.0047426	0.6363163	0.815192	-1.2267	0.019666	0.2987331	-3.74707	0.0751217	2.33893	2.33893	0.263004	0.6063	-1.64926	5.58928	16.2723	2.58785	1
chr02363518	C6orf64	0.0118958	0.0403864	0.3623356	-2.75972	0.00324815	0.178907	-5.58948	0.00335853	0.180721	-5.53339	0.549228	0.771188	-1.2967	0.0581507	0.3992934	2.50442	0.425102	0.0415	4.95531	0.267139	0.3742	2.67201	0.0042611	0.4355	2.29655	0.0042611	0.5729	1.74578	0.4356	0.4	0.2	0.0	0.0	1
chr02080852	C6orf64	0.0398053	0.3056077	1.08202	1.08202	0.0135729	0.93568	-1.2107	0.532855	0.8	1.5	0.0	0.5	-1.58264	0.632748	1.2494	1.2494	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	1
chr02440794	C6orf70	0.013473	0.00895177	0.2636341	-4.23117	0.2364113	0.583761	-1.71303	0.2828525	0.325132	-3.07567	0.655532	1.21433	1.21433	0.0003395	0.117361	8.52075	0.415256	1.43518	0.0348753	0.044854	-2.90821	0.887108	0.06357	1.06357	0.197096	0.553434	1.56006	36.0008	26.5005	1	1
chr08044140	C6orf70	0.0197335	0.627653	0.797736	-1.25355	0.0699679	0.391894	-2.55171	0.0205068	0.275096	-3.6351	0.747731	0.8613988	-1.1609	0.0037775	0.164179	-6.09091	0.0106046	0.226298	-4.41894	0.405191	0.674523	-1.48253	0.345631	0.638227	-1.56684	0.0821668	0.41051	-2.436	3.69221	12.4996	3.00925	1
chr05834626	C6orf70	0.0398053	0.1477007	1.2027	1.2027	0.7506698	0.93568	-1.2107	0.532855	0.8	1.5264	0.0	0.5	-1.58264	0.632748	1.2494	1.2494	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	1
chr21762728	C6orf70	0.0439648	0.384365	1.26569	1.26569	0.0995465	0.424145	-2.38013	0.0977606	0.618841	-1.61592	0.213684	0.707583	-1.41326	0.157651	0.953664	-1.04859	0.797654	0.07023	1.07023	0.0132332	2.250255	0.250255	0.334045	1.30109	1.30109	0.7288849	0.912165	1.09629	0.953958	2.53163	3.93077	0.982477	1
chr02580039	C6orf70;TCTE3	0.0477353	0.0073534	1.2944	1.2944	0.0146462	0.482403	2.07766	0.0977606	0.618841	-1.61592	0.213684	0.707583	-1.41326	0.157651	0.953664	-1.04859	0.497962	1.4509	1.4509	0.0008534	0.6882426	1.83707	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
chr04068040	C7orf72	0.00035670	0.000946219	0.33215	-3.01069	0.000946281	0.33197	-3.01232	0.00379604	0.417505	-2.39518	0.360532	0.810357	-1.23402	2.31E-05	0.15046	-6.64628	0.96984	0.991578	-1.00849	0.6318	0.903944	-1.10626	0.926326	1.02091	1.02091	0.000510146	0.296938	-3.3677	15.6872	12.4331	0.704502	1
chr02730680	C7orf72	0.00165467	0.00128036	0.3574645	-1.71717	0.0001758	0.965995	-1.0152	0.00535072	0.838355	0.663811	-1.50645	0.0001758	0.409281	-2.44281	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	1
chr03358887	C7orf85	0.0048065	0.5040604	1.11851	1.11851	0.130048	1.4056	1.4056	0.0117008	1.84852	1.84852	0.157081	0.8934445	-1.41916	0.0019593	0.476922	-2.03222	0.6354071	0.634667	-1.57563	0.1210412	0.6134642	1.63642	0.0066147	0.2833	0.2833	0.0083137	0.15447	0.3896	0.610236	1	1
chr12971771	C7orf72	0.0277178	0.70694	0.9535336	-1.04873	0.153076	0.824694	-1.21257	0.0377842	0.73825	-1.35455	0.741508	0.9591591	-1.04258	0.0116584	1.48752	1.48752	0.0236703	0.711578	1.40533	0.242476	1.1666	1.1666	0.06732	0.7723392	-1.29468	0.1005831	0.797256	-1.2543	4.20275	1.05625	0.223398	1
chr03618151	C7orf85	0.0068681	0.00657525	0.1556635	-6.42407	0.1139166	0.924921	-1.08167	0.0001758	0.412989	-4.69509	0.00141248	0.3190917	-3.13476	0.0001758	0.2129899	-4.69509	0.0001758	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	1
chr23873288	C8orf81;LOC285847	1.43E-05	0.74962	0.956003	-1.04602	0.0011294	0.509987	-1.96083	0.128527	0.793851	-1.25968	0.400805	0.886166	-1.12846	1.72E-06	0.103375	0.67351	0.000850218	0.493436	-2.02291	0.0015113	0.400162	-2.49276	0.0858041	0.765824	-1.30578	0.0226658	0.548709	-1.82246	36.942	11.5535	0.277997	1
chr20580858	C8orf89	0.00127142	0.1443284	1.39579	1.39579	0.102054	0.747043	-1.36085	0.0001758	0.706106	0.415882	0.445503	0.9455003	1.496582	0.496582	0.249834	2.00316	0.000569187	0.402027	2.486711	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	1
chr07754079	C8orf89	0.08823595	0.788375	0.9480229	-1.05483	0.0104674	1.87124	1.87124	0.782056	1.05541	1.05541	0.2239943	1.28202	1.28202	0.00192393	0.425789	2.34858	0.020516	0.579687	-1.72507	0.2559365	1.2571	1.2571	0.0624143	0.53404	1.87291	0.0124144	0.121591	0.72155	-1.3859	8.28873	5.76609	0.7532323	1
chr22011526	C8orf89	0.0167845	0.480566	0.857348	-1.16639	0.0929856	0.672532	-1.48692	0.183604	0.73873	-1.35368	0.511112	0.620753	-1.61095	0.0283959	1.7425	1.7425	0.803147	1.05361	1.05361	0.0251999	2.46045	2.46045	0.137511	1.40961	1.40961	0.534265	0.8783601	2.17632	-1.14466	4.90073	3.64178	0.64863	1
chr00790511	C8orf89	0.0168007	0.989786	1.00973	1.00973	0.104838	0.42303	-2.41403	0.0660742	1.5293	1.5293	0.0	0.5	-1.58264	0.632737	1.2494	1.2494	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	0.0134605	1
chr16446577	C8orf89	0.034739	0.8200864	1.08079	1.08079	0.290472	1.45371	1.45371	0.0754187	0.509155	-1.96404	0.127379	1.75453	1.75453	0.435762	0.762495	1.31148	0.0046569	3.60888	3.60888	0.131609	0.5740838	-1.74204	0.63514	1.17705	1.17705	0.0432121	2.21024	2.21024	3.87762	7.14205	1.63721	1
chr24525744	C8orf94	0.0004	0.260012	1.24466	1.24466	0.3861-06	0.12211	-3.18936	1.49E-05	0.183329	-5.45467	0.0853245	1.43217	1.43217	0.488-05	0.183329	-5.45467	0.7161-05	0.258667	-3.86508	1.33E-05	0.178511	-5.60191	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	1
chr01589056	C8orf94	0.0033919	0.215468	0.860586	-1.162	0.515887	0.17882	-1.07882	0.253125	0.871575	-1.14735	0.0809158	0.676708	-1.47774	0.248226	0.870217	1.14914	0.148207	0.836423	-1.19557	0.0022000091	0.492123	-2.03201	0.465616	0.91804	-1.08927	0.0055969	0.543492	-1.83995	25.8101	7.33404	0.186706	1
chr21863721	chr5[94;LTV1	0.00082784	0.4653893	1.31878	1.31878	0.740591	0.883604	-1.13173	0.0200829	0.351816	-2.8424	0.010227	0.299441	-3.33955	0.000339147	0.116411	8.59024	0.0026703	0.711578	1.40533	0.242476	1.1666	1.1666	0.06732	0.7723392	-1.29468	0.1005831	0.797256	-1.2543	4.20275	1.05625	0.223398	1
chr07683276	chr5[94;LTV1	0.0100158	0.0201624	0.7246146	-1.3804	0.5426	0.1356	-1.35604	0.0001758	0.412989	-4.69045	0.00141248	0.3190917	-3.13476	0.0001758	0.2129899	-4.69045	0.0001758	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	1
chr25642974	chr5[94;LTV1	0.0127869	0.968294	0.99121	-1.00887	0.000210163	0.252351	-3.96273	0.101032	0.671043	-1.49022	0.806138	0.946847	-1.05614	0.931172	0.981543	1.0188	0.293495	1.27387	1.27387	0.403653	1.20904	1.20904	0.421015	0.8330097	-1.20034	0.878075	1.03469	1.03469	5.49552	4.26658	0.694661	1
chr00789162	C9orf37	1.94E-05	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	0.915507	0.0001758	0.4564838	1
chr03261347	C9orf97	0.00778062	0.0183323	0.188625	-2.58649	0.000888007	0.191462	-5.22297	0.00643428	0.308343	-3.24314	0.215891	0.64896	-1.54093	0.0140156	0.36526	-2.73778	0.0113936	0.349416	-2.86192	0.00448151	0.284191	-3.51876	0.172051	0.617177	-1.62028	0.166429	0.612725	-1.63205	6.39984	11

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N) vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N) vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3 477 vs. N) vs. N)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N) vs. N)	p-value(5377 vs. N)	Fold-Change(5 537 vs. N) vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N) vs. N)	T(Test)	SS(Test)	SS(Error)	df
cg07240247	Chr27	0.0191859	0.887889	0.962051	-1.03945	0.597844	1.157521	1.157521	0.0242776	0.478757	2.08874	0.441281	1.234034	1.240134	0.00815869	0.395057	2.53128	0.0103514	0.412353	-2.42511	0.296191	0.74305	-1.34581	0.2838666	0.738942	-1.35329	0.00391034	0.344606	-2.90186	4.77132	5.68554	1.05921	1
cg18206768	Chr27	0.0200171	0.0090774	0.47965	-2.08486	0.285181	0.781933	-1.27888	0.837441	0.955498	-1.04658	0.639888	1.11006	1.110066	0.0100473	0.369822	-2.704	0.0734996	1.55609	0.587709	0.723178	1.22152	1.22152	0.856741	1.04086	1.04086	0.985879	0.996086	-1.00393	4.69643	3.65232	0.691272	1
cg11074378	Chr28A	0.016739	0.825745	0.908904	-1.10023	0.620852	0.805572	-1.24135	0.515427	0.751091	-1.3314	0.020148	0.286311	-3.4927	0.607813	1.25166	1.25166	0.0924301	2.25715	2.25715	0.114893	2.12167	2.12167	0.00347487	0.164334	-6.08522	0.00898715	0.22409	-4.4625	5.59382	16.2667	2.26175	1
cg16816699	Chr28A	0.0470632	0.149999	0.706601	-1.41522	0.715207	0.920384	-1.08596	0.317459	0.702511	-1.26181	0.025743	0.551007	-1.81486	0.107557	0.675237	-1.48472	0.0407606	0.587709	-1.7017	0.391062	0.820565	-1.21867	0.702189	0.937476	-1.0693	0.012558	2.01092	2.836666	2.78042	0.712931	1
cg02843503	Chr28B	0.00257085	0.995548	0.999453	-1.00055	0.767197	0.971318	-1.02953	0.95979	1.00495	0.0320086	1.279525	1.279525	0.0220209	0.764059	1.3088	1.3088	0.613754	1.05115	1.05115	5.40E-05	0.478145	-2.09141	0.259054	0.890988	-1.12235	0.27954	0.895655	-1.1165	0.95801	1.36327	0.135275	1
cg22560438	Chr28B	0.00566955	0.722905	0.907609	-1.1018	0.5804016	1.005547	1.005547	0.154938	1.53358	1.53358	0.849526	1.04959597	-1.03358	0.0729866	0.580114	1.7238	0.0017464	0.296698	-1.37047	0.00073085	0.2470088	-4.04714	0.136145	1.54846	1.54846	0.216681	1.42471	1.42471	0.70636	8.29182	1.04378	1
cg00981552	Chr28B	0.0115549	0.409674	0.846328	-1.18157	0.916369	1.021012	1.021012	0.706868	0.927968	-1.07762	0.338357	1.21567	1.21567	0.0318583	0.607913	-1.64497	0.0512781	0.64457	-1.55142	0.000285506	0.3096431	-3.22952	0.731266	1.0706	1.0706	0.665825	1.08979	1.08979	5.64216	3.49808	0.551243	1
cg12976999	Chr28B	0.028642	0.29072	0.783219	-1.27656	0.615588	1.21095	1.21095	0.16068	1.2387	1.2387	0.0023271	1.387571	1.2387	0.0018458	0.650819	-1.53654	0.922667	0.978588	-1.02188	0.5040804	0.8600104	-1.16274	0.0154377	1.7259	1.7259	0.350933	1.238555	1.23855	4.15443	3.26761	0.699143	1
cg16098921	Chr28;LRRC61;LRRC61	0.0406314	0.847787	0.92022	-1.08457	0.596435	0.797886	-1.25331	0.928232	0.865243	-1.0388	0.056776	2.454538	2.454538	0.0442144	0.352821	-2.8343	0.136566	1.96921	1.96921	0.041941	5.05528	5.05528	0.939059	0.01283	0.01283	0.266612	1.63071	1.63071	5.66193	3.31527	2.512991	1
cg05067136	Chr30	0.00267092	0.00391135	0.612577	-1.63245	0.0093039	1.5164	1.5164	0.0764146	1.2824	1.2824	0.000540104	0.507141	-1.97184	0.16544	0.829709	-1.20524	0.976103	1.00379	1.00379	0.0133843	0.6793396	-1.4719	0.102038	0.797857	-1.25336	0.716837	0.955078	-1.04703	8.85767	2.23382	0.224169	1
cg08042345	Chr30	0.00893228	0.204752	0.804599	-1.24284	0.0373863	1.497481	-1.49506	0.0239356	0.66122	-1.51236	0.0128744	0.814412	0.964213	-1.03712	0.2634807	3.795097	0.215494	0.883407	1.13284	0.0205734	1.4636509	2.05298	0.888097	0.977561	-1.02295	0.0056218	0.556603	-1.79661	6.12692	2.52115	0.365766	1
cg01182585	Chr30	0.0093165	0.457872	0.896768	-1.11512	0.052212	0.774802	-1.29065	0.53128	0.91265	-1.09571	0.0452009	0.719808	-1.3926	0.0155281	0.655125	-1.52626	0.0011512	1.99064	1.99064	0.139106	1.25792	1.25792	0.0113796	1.57873	1.57873	0.102856	1.29332	1.29332	0.60452	1.9891	0.292458	1
cg27632346	Chr30	0.0237037	0.0975783	1.345876	1.34009	0.2092	0.607824	-1.2332	0.1415213	1.466002	1.46002	0.9416227	1.021386	1.021386	0.120394	0.7680535	-1.30202	0.533535	1.10887	1.10887	0.0285575	1.515911	1.515911	0.015646	0.620547	-1.61148	0.324593	0.848509	-1.17798	3.98287	1.62734	0.365219	1
cg19934335	Chr30	0.0183528	0.657588	0.74301	-1.34588	0.559166	0.532659	-1.87737	0.3131589	1.20756	2.00756	0.295649	0.484102	-2.68568	0.003137116	0.0374178	-26.7252	0.0025483	0.525483	-1.90301	0.3799351	1.824861	1.824861	0.0527695	0.124586	-4.4566	0.796534	1.187611	1.187611	1.87674	0.489955	28.062	5.3365	1
cg00054692	Chr30	0.039148	0.383433	0.820523	-1.21874	0.56628	1.14064	1.14064	0.00190565	2.64685	2.64685	0.418288	0.832719	-1.20085	0.1427	0.7138171	-1.40092	0.9236348	1.02144	1.02144	0.173537	0.7269906	-1.37569	0.312982	0.7937496	-1.25984	0.228434	1.32284	1.32284	0.77142	2.88025	0.689638	1
cg03953232	Chr30	0.00051414	0.0098879	1.448181	1.26331	0.449642	0.345245	-1.21309	0.0529923	0.398062	1.39062	0.0013687	2.521214	2.521214	0.0157207	0.684431	-1.46106	1.20E-05	0.0984545	-10.157	0.0002744	0.1481839	-7.05025	7	7	0.671046	0.887199	-1.12734	0.258322	1.39417	1.39417	13.2424	14.2983	0.944771	1
cg22521356	Chr31	0.00137096	0.0149283	0.420594	-2.37759	0.157657	0.652269	-1.53311	0.0615922	1.82295	1.82295	0.513732	0.83047	-1.20414	0.000474569	0.190716	-5.2434	0.0009172742	0.141839	-7.05025	7	7	7	0.671046	0.887199	-1.12734	0.258322	1.39417	1.39417	13.2424	14.2983	0.944771	1
cg09959966	Chr31	0.00220137	0.818078	1.07309	1.07309	0.490912	0.80716	-1.23891	0.00181375	0.257353	-1.88722	0.000102058	0.125625	-8.22198	0.218092	0.673534	-1.48491	0.709574	0.891624	-1.12155	0.0346569	1.23563	1.23563	0.4429012	1.27065	1.27065	0.553769	1.221167	1.22167	0.37958	13.9202	1.51976	1
cg04540994	Chr31	0.0240579	0.343781	0.928373	-1.07674	0.0319707	1.625653	-1.20988	0.0003068	0.990521	-1.00957	0.0341072	1.206919	0.0027553	1.3676	1.3676	1.3676	0.0423387	1.19395	1.19395	0.0005159851	0.6663136	-1.50798	0.0837655	0.864954	-1.15613	0.465173	0.945208	-1.05797	9.07727	0.826247	0.0890099	1
cg26172108	Chr31	0.0150059	0.921653	1.012331	1.012331	0.100756	1.25097	1.25097	0.836629	0.974607	-1.02605	0.0716927	0.77841	-1.28467	0.0253722	0.718168	-1.39243	0.579504	1.07294	1.07294	0.461702	0.910885	-1.09783	0.056789	1.30809	1.30809	0.00167979	1.74973	1.74973	5.18002	1.27302	0.218449	1
cg00303891	Chr31	0.0409395	0.351724	0.850295	-1.17626	0.0728566	0.915064	-1.4705	0.0001333	0.487376	-2.1396	0.292293	1.06583	1.06583	1.0458	0.1928844	3.7900217	0.287031	0.945902	-1.05729	0.3504004	0.6225128	-1.60635	0.955182	0.853139	-1.17463	0.635401	0.922357	-1.08418	3.65173	1.65606	0.40311	1
cg06577930	Chr31	0.0440682	0.129508	0.80316	1.80376	0.0397661	0.425101	-2.35289	0.808858	0.91647	-1.09114	0.931974	1.03121	1.03121	0.00280706	0.227207	-4.40126	0.223899	0.631356	-1.58389	0.290485	0.6739999	-1.48368	0.300881	1.47108	1.47108	0.55676	0.807412	-1.23853	3.55321	7.29012	1.82373	1
cg06457067	Chr31;C7orf31	0.0004553562	0.177889	0.643133	-1.55439	0.0036945	0.626546	1.5958	0.1412725	1.34848	1.34848	0.1381206	1.111	1.111	0.1643548	0.8002	-1.25	0.0001538499	0.1482453	6.74535	0.0001755783	2.315153	2.315153	0.1454514	1.64514	1.64514	0.0003771563	1.94934	1.94934	14.8317	1.72994	0.365919	1
cg12781218	Chr31;C7orf31	0.0114973	0.0552374	1.4322	1.4322	0.247683	0.818919	-1.22112	0.0616808	1.41606	1.41606	0.212779	0.805011	-1.24222	0.107897	1.33638	1.33638	0.0761972	1.38557	1.38557	0.00155641	0.47153	-2.12076	0.255246	0.821742	-1.21693	0.220356	1.23737	1.23737	5.65128	2.44534	0.384626	1
cg12574408	Chr31;C7orf31	0.0480062	0.158672	0.681721	-1.46688	0.0198761	0.485249	-2.04395	0.212671	0.716246	-1.39623	0.0527154	0.536069	-1.86543	0.00749252	0.212734	-4.70141	0.0001497	0.195463	0.0313854	0.4557752	0.1194537	0.0313854	0.4557752	-2.18457	0.388626	0.798773	-1.25192	0.839324	0.949685	-1.05298	4.4408	3.523822	0.910336	1
cg04464504	Chr33	0.00154934	0.0003863	1.564833	1.56483	0.0036397	0.626546	1.5958	0.1412725	1.34848	1.34848	0.1381206	1.111	1.111	0.1643548	0.8002	-1.25	0.0001538499	0.1482453	6.74535	0.0001755783	2.315153	2.315153	0.1454514	1.64514	1.64514	0.0003771563	1.94934	1.94934	14.8317	1.72994	0.365919	1
cg09843860	Chr33	0.0069725	0.0179538	0.660202	-1.51469	0.00431602	0.576424	-1.73483	0.00037367	0.439707	-2.27424	0.0407523	0.711025	-1.40642	0.35573	0.871829	-1.14701	0.8529	1.01964	1.01964	0.629365	1.07274	1.07274	0.966931	1.006	1.006	0.0495055	0.723539	-1.3821	6.62324	2.18681	0.293486	1
cg04772031	Chr33;C7orf33	0.0010732	0.0127756	1.54414	1.53414	0.0008078	0.412373	1.07273	0.0115172	0.6354	-1.57347	0.0028604	0.515	1.5159	0.0012455	0.396	2.5	0.0008917	1.13208	1.13208	0.0001506	0.2470088	-4.04714	0.136145	1.54846	1.54846	0.216681	1.42471	1.42471	0.70636	8.29182	1.04378	1
cg07830254	Chr34	6.20E-06	6.45E-07	1.108851	-9.18687	0.0776519	0.726322	-1.3768	7.81E-06	0.200269	-4.94932	0.0331284	0.666212	-1.50102	0.608801	1.08781	1.08781	0.0083259	0.577019	-1.73404	0.0358068	1.48822	1.48822	0.336	0.67329	-3.65912	0.251	0.204655	1.88628	0.95142	19.3324	0.374272	1
cg01565994	Chr34	0.0295536	0.0099315	0.0560216	-17.8502	0.163327	2.3814	2.3814	0.222691	0.47279	-2.1151	0.656445	0.770201	-1.29836	0.16588	0.370284	-2.70063	0.2277247	0.47787	-2.09262	0.846514	1.11965	1.11965	0.315472	0.5459	-1.83184	0.0781892	0.319429	-3.11059	4.10863	22.1326	4.78831	1
cg10896774	Chr34	0.0193562	0.0166663	0.455134	-2.19685	0.0197344	0.648378	-1.54206	0.0014133	0.64273	-1.55627	0.0064207	0.645358	-1.55004	0.0024704	0.58426	-1.71184	0.0653021	0.570114	-1.75407	0.0021277	0.4104198	-2.43611	0.1183664	0.0989096	0.6144093	-1.62684	0.862585	1.04776	1.04776	3.70219	0.425201	0.02103	1
cg05668926	Chr36	0.00193738	0.457208	1.07538	1.07538	0.00074816	0.611531	-1.63524	0.00164888	0.648926	-1.54101	0.633229	0.954902	-1.04723	0.00434018	0.682824	-1.46451	0.286083	1.1122	1.1122	0.0934441	0.837691	-1.19376	0.00809468	1.38473	1.38473	0.0887899	0.835113	-1.19744	0.731462	1.42011	0.129714	1
cg05735009	Chr36	0.00683117	0.0135	0.83593	-1.1972	0.0106945	0.646246	-1.54638	0.0014705	0.63748	-1.56875	0.0062752	0.641491	-1.55762	0.0025	0.586756	-1.70439	0.9105	1.0333	1.0333	0.1106	0.7933	-1.26103	0.1882	0.7979680	-1.25362	0.9492	1.00584	1.00584	0.06072	0.6837	0.0017554	1
cg27377740	Chr36	0.0221304	0.0331303	0.326667	-3.06122	0.769945	0.876589	-1.14078	0.238202	0.574119	-1.7418	0.753879	1.15174	1.15174	0.00267353	0.154904	-6.45563	0.11009	0.457385	2.18634	0.00519695	0.190779	-5.24166	0.0214513	0.2890666	-3.45941	0.156478	0.506202	-1.9755	4.54471	14.5214	2.8402	1
cg02993943	Chr36	0.0277757	0.0535771	0.756523	-1.32184	0.573357	1.04428	1.04428	0.8175	1.01777	1.01777	0.121474	0.879922	-1.13646	0.0263537	1.22241	1.22242	0.0919634	0.868953	-1.15081	0.0790749	1.16014	1.16014	0.364324	1.0736	1.0736	0.569064	1.04482	1.04482	4.19966	0.386036	0.8817074	1
cg21341271	Chr36	0.0494829	0.9470632	1.0555	1.0555	0.0002	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	1
cg08908148	Chr36;Chr36	0.0226559	0.00938371	0.810965	-1.2331	0.0456491	0.86435	-1.15694	0.240064	0.924731	-1.0814	0.022861	0.840948	-1.18913	0.0443411	0.863358	-1.15827	0.167168	0.910577	-1.0982	0.0404033	1.16253	1.16253	0.456917	0.952048	-1.04938	0.223113	1.08484	1.08484	5.6382	0.288937	0.0569701	1
cg16482846	Chr37	0.0279452	1.171732	1.212732	1.212732	0.0492043	1.425923	1.42573	0.8618425	0.986655	1.00336	0.8152419	0.959881	-1.0418	0.9509317	1.0182	1.0182	0.0384604	0.915702	-1.17953	0.0232409	0.9003148	-1.11048	0.8415219	0.9804645	-1.02019	0.8446426	-1.18368	0.739942	0.943401	0.959382	11.8786	0.43368	1
cg13333335	Chr38;C7orf38	0.019988	0.832187	1.03893	1.03892	0.806311	1.04634	1.04634	0.0263734	0.625775	-1.60623	0.0548303	1.4798	1.4798	0.912412	0.831813	1.20219	0.8388692	1.03736	1.03736	0.0013154	0.442733	-2.31089	0.236059	1.25037	1.25037	0.517256	1.12542	1.12542	0.70552	2.41345	0.455909	1
cg13730193	Chr38;C7orf38	0.0247313	0.1771349	1.11635	1.11635	0.5770559	0.957693	-1.04418	0.6794666	1.03239	1.03239	0.254822	0.912814	-1.09551	0.00693417	1.30745	1.30745	0.737241	0.934495	-1.02617	0.1153513	0.8768899	-1.14038	0.208834	1.107	1.107	0.00410923	1.34361	1.34361	4.37363	0.407789	0.0828784	1
cg12393589	Chr40	0.0060602	0.0006602	0.2294	-7.84553	0.0036367	0.607374	-1.65153	0.0027277	0.233814	-4.31018	0.018564	0.552013	-1.81012	0.0001	0.1244	-8.03	0.0003	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	1
cg02422847	Chr40;SNORA9	1.94E-07	0.0077733	0.683263	-1.56675	0.0019772	0.775571	1.77571	0.790534	0.966533	-1.03559	0.358324	1.13212	1.13212	7.21E-09	23.8555	23.8555	0.0131587	1.4976	1.4976	0.265026	0.854871	-1.16486	0.2064	0.8393988	-1.19134	6.82E-08	0.85881	10.8581	111.288	30.419	0.242665	1
cg02688220	Chr40;SNORA9	4.34E-07	0.293795	0.842659	-1.18693	0.0007576	0.187107	1.18569	0.0136764	0.1611	-6.20863	0.0001773	0.1611	-6.20863	0.0001773	0.1611	-6.20863	0.0001773	0.1611	-6.20863	0.0001773	0.1611	-6.20863	0.0001773	0.1611	-6.20863	0.0001773	0.1611	-6.20863	0.0001773	0.1611	-6.20863	0.0001773	1
cg08205465	Chr40;SNORA9	5.55E-06	0.149021	1.32075	1.32075	0.779807	1.05168	1.05168	0.0497004	0.668662	-1.49552	0.0111618	1.77141	1.77143	3.00E-07	14.8675	14.8675	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	1
cg16495210	Chr40;SNORA9	0.0158434	0.1274949	-7.84553	0.0036367	0.607374	-1.65153	0.0027277	0.233814	-4.31018	0.018564	0.552013	-1.81012	0.0001	0.1244	-8.03	0.0001	0.0003	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	0.1244	-8.03	0.0001	1
cg07842254	Chr41;C7orf41	0.0158223	0.373003	1.05955	1.05955	0.18112	0.32886	-3.04026	0.0012	0.0258	-3.87425	0.0011252	0.58167	-1.58167	0.0207282	0.895046	1.11756	0.0275759	1.29878	1.29878	0.0120588	1.36004	1.36004	0.392591	0.902638	1.10786	0.53895	0.818554	0.818554	0.81555	0.814729	0.814729	1
cg19455421	Chr41;C7orf41	0.0273081	0.43174	1.64832	1.64832	0.0901447	3.20022	3.20022	0.0325862	0.210598	-4.74838	0.793914	0.849545	-1.1771	0.457304	0.624101	-1.6023	?	?	?	0.00184425	0.0636662	-15.7069	0.357314	0.554545	-1.80328	0.658138	0.757787	-1.31963	4.29725	23.467	5.46094	1
cg24805126	Chr42	0.0187087	0.9576797	1.02157	1.02157	0.218412	0.816069	-1.1894	0.0304089	0.765886	-1.30605	0.1536843	0.8237913	0.9761	-1.47241	0.8015037	-1.24744	0.0005164	0.394762	-2.53317	0.0001937762	0.436606	-2.2904	0.0065209	0.470913	-2.12454	0.0004299	0.420547	-2.37884	15.0097	4.80979	0.289637	1
cg03859037	Chr42	0.0059263	0.042076	0.693138	-1.44234	0.00818355	0.589105	-1.69749	0.88127	1.02365	1.02365	0.128841	1.2926	1.2926	0.0054422	1.77155	1.77155	0.143507	0.782603	-1.27865	0.00279484	1.9047	1.9047	0.466039	1.123	1.123	0.576959	0.915646	-1.09213	0.96628	2.69797	0.344257	1
cg08193705	Chr42	0.0069568	0.8462307	1.05935	1.05935	0.0907534	0.547464	-1.82653	0.1619	0.7202	-1.38863	0.0010008	0.234403	-4.26616	0.0036225	0.310536	-3.22024	0.018515	0.64252	-1.55609	0.0036225	0.310536	-3.22024	0.018515	0.64252	-1.55609	0.0036225	0.310536	-3.22024	0.018515	0.64252	-1.55609	0.0036225	1
cg00297575	Chr42	0.0005042952	0.428	0.7	0.7	0.2890323	0.869228	-1.15045	0.0057265	0.630468	-1.5861	0.171949	0.830968	-1.20292	0.0137924	0.724	0.724	0.0430147	0.10803	0.10803	0.0001561	0.1349	-7.41059	0.0001561	0.1349	-7.41059	0.0001561	0.1349	-7.41059	0.0001561	0.1349	-7.41059	0.0001561	1
cg21201367	Chr44	0.000927401	0.011782	0.774793	-1.29067	0.0246424	1.24242	1.24242	0.571568	1.04747	1.04747	0.804576	1.02031	1.02031	0.00700144	0.753602	-1.32696	8.38E-05	0.563248	-1.77542	0.00276765	0.755124	-1.32429	0.797745	0.9791384	-1.02105	0.0271146	1.2364	1.2364	12.0204	1.52568	0.0926339	1
cg25270632	Chr44;SNORA9	0.000907051	0.7490469	1.33509	1.33509	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	0.5	1.5	0.0001	1
cg22403850	Chr44	0.00025541	0.00753373	0.459166	-2.17786	0.00314387	0.400838	-2.49477	0.271742	0.771847	-1.29559	0.932992	0.981545	-1.01922	0.00207749	0.37489	-2.66745	0.0026072	0.389107	-2.56999	0.00100997	0.3314958	-3.01698	0.000930557	0.3269889	-3.06102	0.955288	0.987389	-1.01277	9.60649	7.7952	0.721291	1
cg16144744	Chr44;C7orf47	0.0007957	0.0140027	0.720963	-1.43804	0.36646	1.30256	1.30256	0.124605	1.6059	1.6059	0.0207878	0.452554	-2.20968	0.304231	1.3541	1.3541	0.0119593	2.44342	2.44342	0.133752	1.582053	-1.58089	0.0216236	1.19409	1.19409	0.208036	1.19409	1.19409	0.180261	0.666717	-1.49988	0.720236	0.90774	1.14264	1
cg06751705	Chr44	0.00937497	0.355204	0.645281	-1.54971	0.485606	0.72154	-1.38592	0.1211	2.16891	2.16891	0.401851	0.673545	-1.48468	0.790526	1.13046	1.13046	0.939672	0.99183	-1.00824	0.0220979	0.7427071	-1.34643	0.328578	0.896468	-1.11549	0.0581285	1.26125	1.26125	14.1287	0.6349863	0.165377	1
cg16698548	Chr44	0.049051	0.665892	0.954007	-1.04821	0.0636701	1.253154	1.253154	0.941756	1.00795	1.00795	0.0945496	0.819407	-1.22039	0.0165217	0.768437	-1.30134	0.0579599	1.18475	1.18475	0.0005466477	0.597376	-1.67399	4.12E-05	1.85259	0.000345541	0.634982	-1.57485	10.1067	2.02546	0.0875815	1
cg22120545	Chr45	0.0050604	0.0326091	0.549188	-1.82087	0.0035935	0.572512	-1.63478	0.150759	0.691212	-1.44693	0.662178	1.11119	1.11119	0.000481269	0.2689119	-3.71859	0.019377	0.482896	-2.07084	0.00393212	0.394356	-2.53578	0.671414	0.902732	-1.10775	0.078627	0.626021	-1.59758	8.50502	7.74279	0.809654	1
cg18316613	Chr45	0.00857169	0.6364356	1.03796	1.03796	0.0394926	0.710605	-1.40753	0.0012	0.0258	-3.87425	0.0011252	0.641312	-1.55956	0.0025	0.586756	-1.70439	0.0229222	1.27302	1.27302	0.0103911	0.7967795	-1.25509	0.475302	0.9913753	-1.00681	0.213531	0.693932	0.693932	0.69278	0.6349863	0.165377	1
cg07158876	Chr46;Chr46	0.0110475	0.332916	0.868897	-1.15088	0.00241287	0.551805	-1.81224	0.62192	0.932454	-1.07244	0.35419	1.14352	1.14352	0.000699908	0.483225	-2.06943	0.059085	0.740909	-1.34969	0.0774446	0.758691	-1.31806	0.306165	0.865151	-1.16075	0.983058	0.997017	-1.00299	5.72456	1.79478	0.278686	1
cg15991262	Chr46;Chr46	0.0197512	0.0661924	0.480332	-2.08189	0.911263	1.04047	1.04047	0.345569	1.41293	1.41293	0.000395208	0.13427	-7.44769	0.495711	0.127908	1.27908	0.169807	1.04666	1.04666	0.38426	0.728003	-1.37362	0.520598	0.793169	-1.26077	0.849449	1.06996	1.06996	4.7246	0.947465	1.78256	1
cg20196393	Chr46;Chr46	0.0225742	0.45204	1.0	1.0	0.0133375	0.525	1.11111	0.143709	1.4825	1.4825	0.0176728	1.1814	1.1814	0.0014545	1.710224	-1.40799	0.0275127	1.56019	1.56019	0.0076351	0.7483674	-1.33604	0.1940445	0.7636258	-1.30927	0.0075181	0.5925	0.5925	0.59181	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg24603113	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0493396	0.0391209	1.178557	0.60045	0.913841	1.08113	1.06316	0.722092	1.137135	0.350885	0.905975	1.07248	0.260861	0.429035	2.33081	0.279726	1.644452	-2.24896	0.0107071	0.0987952	-10.122	0.00554282	0.0720806	-5.65151	3.40528	28.0847	7.33101	1
cg07000514	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0498405	0.043425	2.23487	2.23487	0.08070028	3.18242	1.18242	0.0503818	2.1646	2.1646	0.969328	0.986775	-1.0134	0.5993157	1.20146	1.20146	0.265128	1.49497	1.49497	0.0074044	3.31927	3.31927	0.104678	1.84789	1.84789	0.1665568	1.66643	3.39225	6.4408	1.68772	1
cg21664854	Chr5;Chr5;Chr5;Chr5;Chr5;GRI46	0.0489414	0.86137	0.95448	-1.04769	0.5470571	1.78752	1.78752	0.0151701	2.214611	2.214611	0.22221	0.710397	-1.40766	0.6686728	0.580919	-1.72141	0.3875533	1.03843	1.03843	0.0548868	1.78655	1.78655	0.887746	0.963055	-1.03836	0.177311	0.6822444	-1.46575	3.415577	3.84318	1.00011	1
cg27205928	Chr5;Chr5;Chr5;Chr5;Chr5;MIR339	0.00763183	0.8393882	1.07199	1.07199	0.000283927	2.57943	2.57943	0.00251522	4.20934	4.20934	0.583848	0.827398	-1.20864	0.524175	0.801621	-1.24746	0.5764118	1.21328	1.21328	0.2113354	1.56997	1.56997	0.683677	0.860971	-1.15065	0.426242	1.32088	1.320888	0.438575	1.1966	1.65194	1
cg21230797	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	2.54E-05	0.000103928	4.8411	4.8411	0.0429275	0.585449	-1.70809	0.0723727	1.58529	1.58529	2.72E-05	6.9389	6.9389	0.243896	1.32336	1.32336	0.000308282	2.53664	2.53664	1.62E-06	16.0051	16.0051	0.552818	1.14795	1.14795	0.000240496	0.40091	2.40491	0.40091	31.8139	26.6075	0.743423	1
cg16232530	Chr5;Chr5;Chr5;Chr5;GRI46;Chr5	0.00038266	0.0008628	5.46908	5.46908	0.1375539	0.580874	-1.72154	0.396915	1.34268	1.34268	0.000161721	0.183981	0.863111	0.943606	-1.06037	0.151167	1.68624	1.68624	0.000304589	10.2696	10.2696	0.112475	1.79849	1.79849	0.000332312	7.21069	7.21069	15.387	28.1186	1.62438	1
cg04668631	Chr5;Chr5;Chr5;Chr5;GRI46;Chr5;Chr5	0.00442404	0.199062	0.797499	-1.25392	0.006838434	0.557582	-1.79346	0.00129499	2.18487	2.18487	0.31695	0.188828	1.88828	0.0224225	0.633753	1.5779	0.0107066	0.585745	-1.70723	0.173625	1.27303	1.27303	0.370702	0.857894	-1.16565	0.173569	0.785501	-1.27307	7.616394	3.35424	0.391436	1
cg15089181	Chr5;Chr5;Chr5;Chr5;GRI46;Chr5;Chr5	0.0474317	0.0743976	2.2959	2.2959	0.932841	1.03587	1.03587	0.396956	1.06116	1.06116	-1.51272	0.0116769	3.7344	0.33044	0.0852805	0.938817	-1.06517	0.12971	1.9826	1.9826	0.0133296	3.60337	3.60337	0.272427	1.61222	1.61222	0.028012	2.96014	1.45648	9.5695	2.46095	1
cg04693046	rl50	0.01994443	0.00783853	0.369618	-2.7055	0.754561	1.09579	1.09579	0.270006	1.39796	1.39796	0.159299	1.5507	1.5507	0.00247046	0.292997	-3.413	0.068777	0.552062	-1.81139	0.769901	1.08932	1.08932	0.999625	1.00014	1.00014	0.1898889	0.666995	-1.49926	4.709002	6.34478	1.19766	1
cg19730982	Chr5;Chr5;MIR339;Chr5;Chr5;Chr5	0.00185762	0.8884479	1.077557	1.60045	0.9191892	1.8175	1.8175	0.0113	0.66386	0.722092	1.137135	0.350885	0.905975	-1.07248	0.260861	-1.33081	0.96804	1.044452	-1.01203	0.179385	0.644958	-1.55049	0.650775	1.15044	-1.15044	0.0156625	0.402101	-1.48694	9.85128	14.7546	1.33132	1
cg04095257	Chr5;Chr5;MIR339;Chr5;Chr5;Chr5	0.0266438	0.399256	1.21327	1.21327	0.00441918	2.2422	2.3422	0.0464151	2.3266	2.3266	0.27369	1.25061	1.25061	0.0183547	0.515704	-1.94009	0.135536	1.43387	1.43387	0.197375	1.35697	1.35697	0.386384	0.819623	-1.22007	0.139784	0.700525	-1.4275	4.26146	3.38687	0.70646	1
cg00418598	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00147598	0.8754	0.96631	-1.03486	0.0045795	0.498152	-1.28127	0.00168582	0.32596	-2.65986	0.0119461	0.504387	-1.98103	0.00115978	0.229344	-4.36026	0.00360715	0.293557	-3.40186	1.37E-05	0.138065	-7.24296	0.412963	1.20012	1.20012	0.0011293	0.351928	2.841449	0.351928	55.0038	0.668727	1
cg10525851	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00504209	0.422046	1.14516	1.14516	0.2916171	0.834579	-1.19821	0.182302	0.7914	0.7914	-1.26357	0.174775	0.787776	-1.2694	5.63E-05	0.290273	-3.44503	0.3607	0.856174	-1.16799	0.437248	0.877243	-1.13994	0.751198	0.948787	-1.05398	0.0697333	0.715187	-1.39823	7.319841	3.16658	0.384535	1
cg08723608	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0113702	0.0520205	1.47291	1.47291	0.2020754	1.63279	1.63279	0.790688	1.0477	1.0477	0.108866	1.35841	1.35843	0.0424205	2.1405	2.1405	0.396001	0.858751	-1.16448	0.0054529	2.56309	2.56309	0.126127	0.748329	-1.33631	0.158806	1.30193	1.301953	0.576673	2.75673	0.43205	1
cg10382410	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.01125544	0.3477501	1.50894	1.50894	0.2019962	2.03603	2.89603	0.708595	1.17264	1.17264	0.225524	1.75385	1.75385	0.000529787	0.103153	-9.68646	0.07040152	0.296014	-3.37842	0.0012693	0.0744114	-1.09388	0.0548273	0.7465741	-1.33955	5.51666	15.7753	5.53311	1
cg02758987	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.01772325	0.27718	0.715253	-1.39811	0.0220087	0.442845	-2.25812	0.83443	1.06403	1.06403	0.00627142	0.347859	-2.87473	0.00276918	0.294134	-3.39981	0.157539	0.638811	-1.56541	0.950313	0.981692	-1.01865	0.00685215	0.354035	-2.82458	0.455675	0.798282	-1.25269	4.900555	6.82414	1.2378	1
cg07300360	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0310012	0.990284	0.997231	-1.00278	0.0728517	0.454772	-2.19891	0.555829	0.87394	-1.14439	0.339448	1.25127	1.25127	0.4165902	0.827738	-1.20811	0.201729	1.35923	1.35923	0.00406617	2.40628	2.40628	0.883162	0.967074	-1.03405	0.781137	0.938557	-1.06547	4.03937	3.31608	0.829723	1
cg23930233	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0344062	0.1579003	1.3524124	1.3524124	0.0072304	2.318316	2.318316	0.020944	1.96195	1.96195	0.1963106	1.394006	1.39563	0.3563	0.1888571	0.634291	-1.57656	0.380176	1.05777	1.05777	0.717496	0.9155633	-1.09214	0.629762	1.12505	1.12505	0.115819	0.601524	-1.44391	3.80113	3.6264	0.828415	1
cg18537063	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.043257	0.101202	0.572955	-1.74534	0.0400071	0.478769	-2.08869	0.0278284	0.446314	-2.24058	0.646066	1.54783	1.86633	-1.15429	0.00867001	0.354082	-2.8242	0.927286	1.02873	1.02873	0.00807641	0.348977	-2.86552	0.875389	0.952469	-1.0499	0.204868	0.660266	-1.51454	3.577911	5.45659	1.33563	1
cg08866690	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0445991	0.9260648	0.974452	-1.02622	0.4979005	0.742884	-1.34584	-1.26649	0.792554	1.26244	1.026444	1.02864	0.9728077	0.317231	-1.15229	0.777455	1.401516	1.40916	0.7170596	0.4911554	2.036	2.036	0.572384	1.12337	1.12337	0.0618977	0.559498	1.789955	1.532555	4.33912	2.90401	1
cg02327530	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0483875	0.3546666	0.57097	-1.75141	0.00181294	0.0733332	-13.5993	0.0221202	0.189917	-5.02723	0.141705	0.394574	-2.53438	0.0238742	0.323523	-3.09097	0.468434	0.647805	-1.54367	0.111969	0.362281	-2.76029	0.113047	0.362375	-2.75957	0.2666618	0.506006	-1.97656	3.402458	18.8203	4.87655	1
cg15449352	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00109077	0.00188331	5.42556	5.42556	0.1466104	0.181218	-3.51238	0.0140218	0.583643	-1.71589	0.0252577	0.714545	-1.39977	0.00344209	0.547777	-1.82677	0.00208258	0.233432	-4.28342	0.0014402	0.402091	0.402091	0.0018929	0.24172	0.4140271	0.603521	-1.66245	0.1527785	0.6074803	-1.64633	3.4625	2.99209	0.66573	1
cg25060679	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00116025	0.0115821	0.752486	-1.32893	0.00736732	0.732629	-1.36495	0.317981	1.09745	1.09745	0.208176	0.887326	-1.12698	0.00451975	0.711149	1.40617	0.00883193	1.35028	1.35028	0.000151878	0.556839	-1.79585	0.0167957	0.768832	-1.30067	0.791803	1.02412	1.02412	11.2796	1.44983	0.114254	1
cg05010260	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00103081	0.897669	0.979428	-1.021	0.026576	0.143673	1.43473	0.634713	1.06794	1.06794	0.339718	1.14468	1.14468	0.000268333	0.439938	-2.27305	0.00147225	1.87822	1.87822	0.0197023	1.4723	1.4723	0.039317	1.70438	1.70438	0.560234	1.08425	1.08425	10.8982	3.2551	0.265495	1
cg02129246	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0284256	0.1186805	1.707631	1.707631	0.0239251	2.52713	2.52713	0.0155373	2.455146	2.455146	0.76152	1.21252	1.21252	0.0029606	2.19885	2.19885	0.0155902	2.515469	2.515469	0.0023104	2.58152	2.58152	0.0116506	2.03347	2.03347	0.0388678	2.12776	2.12776	0.86505	1.74377	1.40525	1	
cg07113802	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00365556	0.0366546	0.660231	-1.51462	0.0017572	0.466615	-2.14309	0.174642	0.781228	-1.28004	0.536326	0.898458	-1.11302	0.00163703	0.462431	-2.16248	0.8285961	0.963604	-1.03777	0.000884232	0.426557	-2.34435	0.00375678	0.512274	-1.95208	0.738307	1.05901	1.05901	0.6068	3.736514	0.411628	1	
cg05398580	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.01727308	0.107644	2.61797	2.61797	0.0076547	0.4152	6.715	6.715	0.373693	1.858582	1.858582	0.37984	1.9784	0.0204048	3.03307	3.03307	0.067138	3.07944	3.07944	0.0010556	3.42628	3.42628	0.881562	0.967074	-1.03405	0.781137	0.938557	-1.06547	4.03937	3.31608	0.829723	1
cg26916297	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0231187	0.793382	0.976741	-1.02381	0.150174	1.14791	1.14791	0.164761	1.14211	1.14211	0.194006	1.35563	1.35563	0.0884571	0.634291	-1.57656	0.536901	1.045483	1.05766	0.0033195	0.698739	-1.43115	0.189281	0.77506	-1.29022	0.126757	1.10909	1.10909	4.4769	0.569914	0.113156	1
cg06644051	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0239407	0.0601628	3.15383	3.15383	0.00333746	8.70754	8.70754	0.0425388	3.54399	3.54399	0.352264	1.67968	1.67968	0.778626	1.16495	1.16495	0.0673923	3.03547	3.03547	0.0106115	5.70279	5.70279	0.0105082	5.72252	5.72252	0.0499432	3.35774	3.35774	4.42318	20.5616	4.13208	1
cg17423419	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00525159	0.4580128	1.2703	1.2703	0.1900156	0.7705	-1.29783	0.0555156	-1.07509	0.9307172	-1.07509	0.347898	1.48788	0.582005	1.307712	-1.25966	0.2025665	1.92368	-1.17475	0.0478504	2.1795105	-1.137	1.36134	1.48374	0.651395	1.19836	1.48374	0.651395	1.19836	1.198361	4.344222	10.8897	2.2282	1
cg08540953	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0333133	0.0829944	0.74238	0.150971	0.19537	0.19537	-5.1159	0.0733382	0.347853	3.49675	0.169424	0.566668	5.66668	0.643771	14.707	14.707	0.099768	0.847853	0.847853	0.002044	0.175495	175.495	0.138148	36.7622	36.7622	0.0357884	18.0798	3.93666	87.5528	19.7692	1	
cg01708552	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0134009	0.1096297	1.6939	1.6939	0.0139005	2.73119	2.73119	0.0178702	2.70337	2.70337	0.0672597	1.62044	1.62044	0.0238602	2.31264	2.31264	0.0170082	2.7042	2.7042	0.0135444	2.95644	2.95644	0.0120703	3.03997	3.03997	0.0242555	2.51324	2.51324	13.9544	3.0994	0.222191	1	
cg20678233	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.036377	0.0686646	5.72556	5.72556	0.1865631	3.31621	3.31621	0.266798	2.69276	2.69276	0.160163	3.61386	3.61386	0.0747395	5.47138	5.47138	0.158068	6.64053	6.64053	0.0045273	25.4992	25.4992	0.00566172	22.378	22.378	0.0251227	7.78367	9.78367	3.81337	44.271	10.32	1
cg23930981	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0449752	0.6638317	1.46956	1.46956	0.0425874	0.7808	0.78095	0.805918	1.23687	1.23687	0.37137	2.2434	2.2434	0.1314334	0.3977	-2.51446	0.7104638	0.720151	-1.3886	0.745197	0.750468	-1.3325	0.0294435	36.3998	36.3991	0.0290871	6.52383	5.16253	43.2794	10.9098	1	
cg14562712	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0472265	0.5663621	1.1766	1.1766	0.2466099	0.518423	-1.72589	0.2525277	0.771545	-1.29677	0.0222634	0.389018	2.5386	0.0135895	0.51476	-1.94265	0.1136827	0.703451	1.42126	0.0434017	0.603521	-1.66245	0.152785	0.874603	-1.14379	0.23864	0.764612	1.307853	3.46205	2.59389	0.66573	1	
cg25983629	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00623179	0.699934	0.929541	-1.0758	0.979736	0.1048	1.0048	0.00443497	0.488545	-2.0469	0.472293	0.871161	-1.14789	0.257739	1.24959	1.24959	0.3641861	1.19235	1.19235	0.000288904	3.05192	3.05192	0.61644	0.900118	-1.09997	0.995769	0.999	-1.001	6.86175	3.86817	0.501093	1	
cg06182764	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00590723	0.0050549	2.56452	2.56452	0.0018804	0.1242	1.1242	0.0004302	0.432632	-2.34603	0.0048825	0.299321	-3.34213	0.00023548	0.278221	-3.59362	0.0038568	0.547439	-1.8268	0.0003758	2.659	2.659	0.0001728	2.15211	2.15211	0.0030025	0.442905	2.25768	0.31443	0.6197	8.14981	2.25768	0.619798	1
cg16109415	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0415735	0.963759	1.01301	1.01301	0.240328	0.705328	-1.41778	0.329076	0.746458	-1.33607	0.190091	1.48396	1.48396	0.351404	0.761095	-1.3139	0.048368	0.517439	-1.9326	0.0059313	0.385522	-2.59389	0.0372392	1.96079	1.96079	0.150229	0.644902	-1.55062	0.633168	2.63528	1.13889	1	
cg09246302	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0113045	0.0224873	2.06635	2.06635	0.4138335	0.801067	-1.24833	0.89881	1.03436	1.03436	0.037704	1.8065	1.8065	0.000846097	0.263881	-3.78958	0.843096	1.05475	1.05475	0.557813	0.854377	-1.17044	0.0814771	1.66987	1.66987	0.956556	1.01457	1.01457	5.68225	6.34472	0.99252	1	
cg07319776	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0454342	0.1987867	1.75407	1.75407	0.0165557	1.10767	1.10767	0.0106256	2.098262	2.098262	0.0050312	1.58233	1.58233	0.2147475	1.40471	1.40471	0.2010047	1.31047	1.31047	0.1782271	1.3055	1.3055	0.1047	2.4031	2.4031	0.1224576	1.4608	1.4608	0.9805056	0.341868	5.34168	0.0548891	1.4608	0.575875	1.78065	2.41089	1	
cg20258090	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0055	0.0008097373	0.5853272	1.51519	0.238417	1.27136	1.27136	0.0274136	1.66784	1.66784	0.000189254	0.29411	-3.40009	7	7	7	0.7426287	1.06615	1.06615	0.0042155	0.337416	-2.9637	0.344537	0.7892231	-1.26706	0.427498	1.17059	1.17059	12.4218	0.61051	0.532169	1	
cg02096656	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0013978	0.0314932	1.34646	1.34646	0.0034642	0.74246	1.34646	0.0174742	1.34646	1.34646	0.0184154	1.53972	1.53972	0.0107004	1.87262	1.87262	0.0108145	1.53972	1.53972	0.0070004	1.87262	1.87262	0.0070004	1.87262	1.87262	0.0070004	1.87262	1.87262	1.87262	1.87262	1.87262	1.87262	1.87262	1.87262	1.87262	1.87262	1	
cg07819926	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00266027	0.371617	1.23438	1.23438	0.7349641	1.08112	1.08112	0.648778	0.900094	-1.111	0.000190851	0.236203	-4.23365	0.82731	1.05143	1.05143	0.0774934	0.637339	-1.56902	0.000735132	0.308064	-3.24608	0.86909	0.962845	-1.03859	0.1107795	1.49007	1.49007	8.86813	7.4003	0.741762	1
cg16609154	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00443574	0.788787	1.05442	1.05442	0.1788557	1.10767	1.10767	0.0106256	2.098262	2.098262	0.0050312	1.58233	1.58233	0.2147475	1.40471	1.40471	0.2010047	1.31047	1.31047	0.1782271	1.3055	1.3055	0.1047	2.4031	2.4031	0.1224576	1.4608	1.4608	0.9805056	0.341868	5.34168	0.0548891	1.4608	0.575875	1.78065	2.41089	1	
cg26916297	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0231187	0.793382	0.976741	-1.02381	0.150174	1.14791	1.14791	0.164761	1.14211	1.14211	0.194006	1.35563	1.35563	0.0884571	0.634291	-1.57656	0.536901	1.045483	1.05766	0.0033195	0.698739	-1.43115	0.189281	0.77506	-1.29022	0.126757	1.10909	1.10909	4.4769	0.569914	0.113156	1	
cg06644051	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0239407	0.0601628	3.15383	3.15383	0.00333746	8.70754	8.70754	0.0425388	3.54399	3.54399	0.352264	1.67968	1.67968	0.778626	1.16495	1.16495	0.0673923	3.03547	3.03547	0.0106115	5.70279	5.70279	0.0105082	5.72252	5.72252	0.0499432	3.35774	3.35774	4.42318	20.5616	4.13208	1	
cg17423419	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00525159	0.4580128	1.2703	1.2703	0.1900156	0.7705	-1.29783	0.0555156	-1.07509	0.9307172	-1.07509	0.347898	1.48788	0.582005	1.307712	-1.25966	0.2025665	1.92368	-1.17475	0.0478504	2.1795105	-1.137	1.36134	1.48374	0.651395	1.19836	1.48374	0.651395	1.19836	1.198361	4.344222	10.8897	2.2282	1
cg08540953	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0333133	0.0829944	0.74238	0.150971	0.19537	0.19537	-5.1159	0.0733382	0.347853	3.49675	0.169424	0.566668	5.66668	0.643771	14.707	14.707	0.099768	0.847853	0.847853	0.002044	0.175495	175.495	0.138148	36.7622	36.7622	0.0357884	18.0798	3.93666	87.5528	19.7692	1	
cg01708552	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0134009	0.1096297	1.6939	1.6939	0.0139005	2.73119	2.73119	0.0178702	2.70337	2.70337	0.0672597	1.62044	1.62044	0.0238602	2.31264	2.31264	0.0170082	2.7042	2.7042	0.0135444	2.95644	2.95644	0.0120703	3.03997	3.03997	0.0242555	2.51324	2.51324	13.9544	3.0994	0.222191	1	
cg20678233	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.036377	0.0686646	5.72556	5.72556	0.1865631	3.31621	3.31621	0.266798	2.69276	2.69276	0.160163	3.61386	3.61386	0.0747395	5.47138	5.47138	0.158068	6.64053	6.64053	0.0045273	25.4992	25.4992	0.00566172	22.378	22.378	0.0251227	7.78367	9.78367	3.81337	44.271	10.32	1	
cg23930981	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0449752	0.6638317	1.46956	1.46956	0.0425874	0.7808	0.78095	0.805918	1.23687	1.23687	0.37137	2.2434	2.2434	0.1314334	0.3977	-2.51446	0.7104638	0.720151	-1.3886	0.745197	0.750468	-1.3325	0.0294435	36.3998	36.3991	0.0290871	6.52383	5.16253	43.2794	10.9098	1	
cg14562712	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0472265	0.5663621	1.1766	1.1766	0.2466099	0.518423	-1.72589	0.2525277	0.771545	-1.29677	0.0222634	0.389018	2.5386	0.0135895	0.51476	-1.94265	0.1136827	0.703451	1.42126	0.0434017	0.603521	-1.66245	0.152785	0.874603	-1.14379	0.23864	0.764612	1.307853	3.46205	2.59389	0.66573	1	
cg25983629	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0113045	0.0224873	2.06635	2.06635	0.4138335	0.801067	-1.24833	0.89881	1.03436	1.03436	0.037704	1.8065	1.8065	0.000846097	0.263881	-3.78958	0.843096	1.05475	1.05475	0.557813	0.854377	-1.17044	0.0814771	1.66987	1.66987	0.956556	1.01457	1.01457	5.68225	6.34472	0.99252	1	
cg07319776	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0454342	0.1987867	1.75407	1.75407	0.0165557	1.10767	1.10767	0.0106256	2.098262	2.098262	0.0050312	1.58233	1.58233	0.2147475	1.40471	1.40471	0.2010047	1.31047	1.31047	0.1782271	1.3055	1.3055	0.1047	2.4031	2.4031	0.1224576	1.4608	1.4608	0.9805056	0.341868	5.34168	0.0548891	1.4608	0.575875	1.78065	2.41089	1	
cg16609154	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.00443574	0.788787	1.05442	1.05442	0.1788557	1.10767	1.10767	0.0106256	2.098262	2.098262	0.0050312	1.58233	1.58233	0.2147475	1.40471	1.40471	0.2010047	1.31047	1.31047	0.1782271	1.3055	1.3055	0.1047	2.4031	2.4031	0.1224576	1.4608	1.4608	0.9805056	0.341868	5.34168	0.0548891	1.4608	0.575875	1.78065	2.41089	1	
cg26916297	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0231187	0.793382	0.976741	-1.02381	0.150174	1.14791	1.14791	0.164761	1.14211	1.14211	0.194006	1.35563	1.35563	0.0884571	0.634291	-1.57656	0.536901	1.045483	1.05766	0.0033195	0.698739	-1.43115	0.189281	0.77506	-1.29022	0.126757	1.10909	1.10909	4.4769	0.569914	0.113156	1	
cg06644051	Chr5;Chr5;Chr5;Chr5;Chr5;Chr5	0.0239407	0.0601628	3.15383	3.15383	0.00333746	8.70754	8.70754

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00258664	CBorf31	0.830164	0.855001	0.923172	-1.08557	0.00316874	-3.14434	-9.04413	0.076326	0.412674	-2.42322	0.397878	1.47482	1.47482	0.623136	0.800659	-1.24807	0.61568	0.796776	-1.25506	0.0533064	0.373297	-1.67883	0.076275	0.402237	-2.47993	0.31765	1.58986	1.58986	4.07893	13.0154	2.83635	1
cg22829325	CBorf31	0.0326612	0.268928	0.629102	-1.58957	0.0139963	2.09479	3.99225	0.0209983	0.327048	-3.05766	0.0924567	2.10723	2.10723	0.492112	0.755148	1.32424	0.135699	0.523486	-1.91027	0.0741686	0.448908	-2.22763	0.0602737	0.426095	-2.34689	0.143195	1.8838	1.8838	3.96471	10.1739	2.281	1
cg05886418	CBorf31	0.0389476	0.342412	1.12006	1.12006	0.2139998	1.16375	1.16375	0.110478	1.22335	1.22335	0.00634681	0.662434	-1.50958	0.246535	0.868961	-1.1508	0.23162	1.15653	1.15653	0.0965494	0.800393	-1.23549	0.661427	0.950204	-1.05241	0.0928689	1.239	1.239	3.71942	0.791391	0.189131	1
cg04612566	CBorf31;CBorf31	0.0307788	0.854567	0.921614	-1.08502	0.00179429	0.138667	-7.21825	0.0854548	0.429346	-2.32912	0.36266	1.51601	0.449826	0.710302	-1.40841	0.177448	0.528669	-1.89154	0.0580411	0.385668	-2.5929	0.0641809	0.390542	-2.5218	0.245274	1.71683	1.71683	4.04975	12.685	2.78425	1
cg12855275	CBorf33	3.17E-06	0.0867795	0.754993	-1.32452	9.15E-06	2.04107	4.16026	0.00402882	0.435851	-2.29436	0.00716929	0.597014	-1.675	3.44E-07	0.108799	-9.19125	7.10E-07	0.138576	-7.35965	0.00533995	0.448948	-2.22743	0.0857974	0.32592	-3.12592	0.111994	0.773236	-1.29323	54.5579	19.0754	0.310787	1
cg04982193	CBorf33	0.00012047	7.14E-05	0.145483	-6.87456	0.000148604	0.176183	-5.6759	0.0815604	0.598403	-1.67212	0.00977261	0.27088	-3.69153	0.000185794	0.161516	-6.19155	0.000317607	0.183158	-5.45976	0.000586065	0.242922	-4.11655	0.0420482	0.533867	-1.86613	0.000314471	0.170813	-5.85436	20.9436	23.5249	0.998445	1
cg13174253	CBorf33	0.00020519	8.73E-05	0.301859	-3.3128	0.000254129	0.358348	-2.79058	0.241853	0.811748	-1.23191	0.000332781	0.373109	-2.68018	3.64E-05	0.25818	-3.87326	0.356179	1.17537	1.17537	0.342779	0.846701	-1.18106	0.113035	0.745535	-1.34132	0.0103128	0.576911	-1.73337	18.244	8.37575	0.408086	1
cg19040032	CBorf33	0.0150423	?	?	?	0.0219349	3.04922	3.04922	0.0637765	2.46112	2.46112	?	?	0.100308	4.60275	-2.17038	?	0.00631995	0.206998	-4.83095	?	?	?	0.907482	1.50913	1.56913	0.112267	1.56182	1.56182	6.20191	11.5424	2.17129	1
cg01040181	CBorf33	0.0169011	0.229697	0.921693	-1.08496	0.0397738	1.16626	1.16626	0.661464	0.50892	1.02892	0.268384	0.928126	-1.07744	0.358834	1.06295	1.06295	0.0981552	1.12454	1.12454	0.0843048	0.781393	-1.27977	0.00945104	1.23714	1.23714	0.83447	1.00947	0.479119	0.330116	0.0589327	1
cg18500177	CBorf34	8.99E-05	0.032118	0.703402	-1.42166	0.41629	1.12349	1.12349	9.09E-05	0.3751443	-2.66565	0.0749923	0.75736	-1.32038	0.000794988	0.491559	-2.03435	0.0173428	0.666222	1.501	0.000222313	2.36705	2.36705	0.000537136	2.12711	2.12711	0.00170653	0.533749	-1.87354	22.7818	7.08779	0.276548	1
cg17047033	CBorf34	0.0011399	0.148527	1.3233	1.3233	0.124209	0.130111	-1.25111	0.0178355	0.532926	-1.87635	0.0284674	0.706705	0.644823	0.00494304	0.410473	-2.43859	0.00277191	0.474307	2.10834	7.32E-05	0.274449	-3.63894	0.0153257	0.675755	-1.48006	0.0027	0.363771	0.134367	5.66224	0.46004	1
cg15241236	CBorf34	0.0117126	0.745455	0.922714	-1.08376	0.0287358	0.528874	-1.89081	0.00015562	0.202168	-4.94637	0.0110238	0.455032	-2.19765	0.00595462	0.411485	-2.43022	0.000508166	0.261553	-3.82331	0.0089235	0.439776	-2.27388	0.162728	1.44481	1.44481	0.0099072	0.447282	-2.23573	11.2493	10.8636	0.858411	1
cg09384996	CBorf34	0.00221424	0.284549	0.791612	-1.26306	0.29707	1.25207	1.25207	0.458795	1.17846	1.17846	0.132067	0.704221	-1.42005	0.00752313	0.471125	-2.12258	0.0616518	1.10066	1.10066	0.00216254	2.12597	-3.6095	0.00453421	2.16938	2.16938	0.0464304	0.449469	-1.51972	9.5596	6.4097	0.608755	1
cg22454022	CBorf34	0.022601	0.00764216	0.144469	-6.92102	0.00795645	0.146662	-6.81839	0.00903455	0.153762	-6.50357	0.550432	0.716764	-1.39516	0.0356125	0.710192	-1.97469	0.658813	0.777014	-1.28708	0.0207965	0.208052	-4.80648	0.525564	0.695646	-1.43751	0.0277029	0.230307	-4.34203	9.51196	22.7462	4.48116	1
cg26074470	CBorf34	0.0227255	0.1008	0.409626	-2.44125	0.039383	0.306204	-3.2658	0.0520348	0.333675	-2.99693	0.410623	0.658481	-1.51865	0.00533855	0.163546	-6.1145	0.513391	0.719545	-1.38977	0.0215313	0.117717	-8.49494	0.38598	0.643182	-1.55417	0.0198107	0.247323	-4.0433	4.50344	17.5881	3.47153	1
cg05040348	CBorf34	0.024568	0.36848	0.77447	-1.29114	0.0331641	0.885457	-1.27865	0.0229703	0.591476	-1.68994	0.996997	0.998552	-1.00255	0.844184	0.823165	-1.2145	0.61003	0.73372	-1.36303	0.0231316	0.122123	0.0409564	1.61903	0.73372	1.07223	0.713572	0.927464	-1.07821	4.33371	2.8665	0.587326	1
cg22199118	CBorf34;CBorf34	0.0473952	0.0252211	0.26426	-3.78415	0.1242184	0.435071	-2.29847	0.0274687	0.271422	-3.6843	0.0370133	0.297877	-3.3571	0.0525302	0.3320308	-3.01116	0.0292583	0.276831	-3.61232	0.00940593	0.192763	-5.18771	0.369977	0.631041	-1.58468	0.107313	0.415217	-2.40838	3.45748	13.6926	3.52026	1
cg24261727	CBorf37	5.10E-06	0.4417064	1.07969	1.07969	0.0219349	3.04922	3.04922	0.0637765	2.46112	2.46112	?	?	0.100308	4.60275	-2.17038	?	0.00220506	1.50321	1.50321	0.00109499	0.639144	-1.56423	0.546306	1.06011	1.06011	0.730729	1.03357	1.03357	48.207	6.68575	0.12857	1
cg02165884	CBorf37	0.000137004	0.000568127	1.27834	2.56998	0.000990056	0.798434	-1.25245	0.103013	0.521261	-1.68547	0.0475084	0.853422	-1.17575	0.0160924	1.150023	1.15902	0.12831	1.07854	1.07854	0.0033884	2.447707	-1.37342	0.352737	0.95697	-1.04496	0.000331675	1.303535	0.340375	0.681769	0.0297834	1
cg08383654	CBorf37	0.00546265	0.029485	0.678895	-1.47298	0.00286922	0.538137	-1.85826	0.0515573	0.715496	-1.39763	0.0251124	0.668669	-1.49551	0.0205766	0.656127	-1.5241	0.0120804	0.627659	-1.59322	0.0233131	1.50609	1.50609	0.198725	1.22774	1.22774	0.34068	1.15991	1.15991	7.14248	2.58173	0.321299	1
cg08165736	CBorf37	0.00987721	0.537647	1.12001	1.12001	0.855664	1.03975	1.03975	0.0124927	0.307297	1.35551	0.10024	0.511716	1.30555	0.0155555	0.566763	0.91538	0.389841	0.874031	-1.1442	0.00854586	0.424607	-2.35512	0.945084	0.989532	-1.01058	0.707205	1.05935	1.05935	5.9001	2.19412	0.328669	1
cg06302399	CBorf37	0.0170707	0.0236857	0.311633	-3.2089	0.219349	0.572949	-1.74536	0.00963148	0.243033	-4.11467	0.872774	1.07163	1.07163	0.0119303	0.258094	-3.87456	0.392115	0.684982	-1.46008	0.00163356	0.142582	-7.0135	0.554477	1.29447	1.29447	0.339553	0.651421	1.53511	4.96259	14.6476	2.62365	1
cg00239816	CBorf37	0.0049142	0.2361	2.22509	2.22509	0.0188148	4.26535	4.26535	0.0136455	2.73133	2.73133	0.0201425	3.37772	3.37772	0.0127314	2.79284	2.79284	0.659377	1.12645	1.12645	0.0724844	1.425025	-1.34053	0.954672	1.02409	1.02409	0.0134225	0.815631	1.81563	3.42157	0.41191	2.60458	1
cg27127492	CBorf38	0.00157172	0.0164132	0.676745	-1.47766	0.00625013	1.6071	1.6071	0.605457	1.07184	1.07184	0.000107976	2.48128	2.48128	0.244603	0.850391	-1.17593	0.394697	0.890419	-1.12307	0.1014451	1.26966	1.26966	0.00784968	1.57489	1.57489	0.163477	2.21897	2.21897	10.3395	2.90267	0.249544	1
cg21197871	CBorf38	0.00947554	0.109818	1.89973	1.89973	0.00630822	3.70461	3.70461	0.00844794	1.44876	3.44876	0.0313137	3.10252	3.10252	0.454594	1.33151	1.33151	0.2402054	2.36919	2.36919	0.114607	1.88087	1.88087	0.000655114	0.83903	0.63903	0.0462884	2.31129	2.31129	0.01313	12.9072	1.908	1
cg23644127	CBorf38	0.04964844	0.00917152	0.629907	-1.58745	0.0129737	0.429403	-2.32907	0.0145	0.204	-4.90196	0.0660957	0.9051	1.00951	0.209028	1.547251	-1.34179	0.525832	0.90157	-1.10907	0.0266341	0.54867	-1.82259	0.0860346	0.644209	-1.55201	0.0105103	0.161103	-6.20715	-1.40773	3.9723	2.80873	0.704908	1
cg22517836	CBorf39;RBM12B	0.0144658	0.00074345	0.0823523	-12.143	0.0287501	0.517719	0.517719	0.720151	1.19173	1.19173	?	?	?	0.554401	0.747088	-1.33853	0.741597	1.17508	1.17508	0.333989	0.615171	-1.62557	0.783732	1.14356	1.14356	0.110878	0.428727	-2.33249	5.34515	17.8829	3.34689	1
cg06968857	CBorf39;RBM12B	0.0161067	0.0431705	0.298807	-3.3468	0.807956	0.864554	0.864554	0.794923	-1.63738	0.307729	-1.576275	-1.73528	0.815137	0.889045	1.089404	-1.13307	0.607334	1.13436	1.13436	0.0003672585	0.161852	-16.1756	0.698423	0.939348	1.12538	0.0314978	0.208078	4.80285	21.6004	3.83646	1
cg21857346	CBorf4	1.58E-05	0.00167968	0.281208	-3.55609	2.41E-07	0.0127542	-78.4055	0.000132808	0.153861	-6.49931	0.799026	0.930468	-1.07473	0.657028	0.88141	-1.13455	0.046578	0.90359	1.107894	0.0201746	0.458134	-2.18277	0.194175	0.678411	1.47403	0.364097	0.55564	1.1233	1
cg13125627	CBorf4	0.00818239	0.00318818	0.260073	-3.75836	0.00247639	0.250772	-3.98769	0.0154133	0.376281	-2.65759	0.597489	0.839295	-1.19148	0.00475419	0.291522	-3.43027	0.29543	1.42866	1.42866	0.652603	0.861585	-1.16065	0.0718795	0.516521	-1.93603	0.0325345	0.493253	-2.27659	6.29927	10.7846	1.52181	1
cg25168729	CBorf40;CBorf40;CBorf40;CBorf40;CBorf40;CBorf40;SLC2A2;CBorf40;CBorf40;CBorf40;CBorf40;CBorf40;SLC2	0.00321227	0.030071	0.710585	-1.40729	0.120451	1.25302	1.25302	0.10739	1.26533	0.00755132	0.631101	-1.58543	0.0101741	0.647902	-1.54344	0.136496	0.806678	-1.23965	0.00223375	0.439239	-2.27667	0.30221	0.866639	-1.15388	0.23133	0.845241	-1.18309	0.38589	2.38189	0.252476	1
cg02641676	A2;CBorf40;CBorf40;CBorf40;CBorf40;CBorf40;SLC2	0.0134978	0.0275368	0.338231	-2.95656	0.00550644	0.56165	0.56165	0.225723	1.69747	1.69747	0.125142	1.9945	1.9945	0.101824	0.474789	-2.1062	0.0539456	0.402527	-2.4843	0.0701579	0.430842	-2.32104	0.221004	0.585605	-1.70764	0.0679133	0.427226	-2.34068	5.36381	14.6956	2.43535	1
cg24129600	A2;CBorf40;CBorf40;CBorf40;CBorf40;CBorf40;SLC2	0.0307198	0.0235025	0.205333	-4.87014	0.534152	0.690114	-1.44904	0.929145	0.949292	-1.05342	0.285845	0.522795	-1.91279	0.0118176	0.158917	-6.29259	0.22717	0.476234	-2.09981	0.0105961	0.152467	-6.55878	0.0078277	0.134058	-7.45946	0.0293056	0.222632	-4.49171	0.45252	21.9736	4.81975	1
cg21290392	CBorf40;CBorf40	0.00395064	0.0128341	0.622964	-1.60523	0.0148665	1.58219	1.58219	0.0258431	0.666821	-1.49965	0.312703	1.17342	1.17342	0.907247	1.01801	1.01801	0.694809	0.941402	-1.06225	0.0201	0.650868	-1.53641	0.122005	0.773607	-1.29265	0.00117438	2.073552	2.073552	7.881912	2.92772	0.330176	1
cg21189492	CBorf40;SLC20A2	0.000292482	0.302812	0.817929	-1.2226	0.144548	1.34326	0.703381	1.07469	1.07469	0.198618	1.29148	1.29148	0.00130671	0.414266	-2.41391	0.45595	1.1537	1.1537	0.401598	0.750541	1.17455	0.734795	1.06612	1.06612	5.44E-06	0.144192	-6.93519	16.5648	9.30135	0.499123	1
cg00425988	CBorf41	0.00478266	0.850238	0.909308	-1.09974	0.0362831	3.40202	3.40202	0.0151813	0.48222	4.48222	0.00264762	0.09999	0.09999	0.651228	0.795417	-1.2572	0.0930825	2.53257	2.53257	0.541613	1.36448	1.36448	0.000243426	2.13174	21.1374	0.787979	0.873211	-1.1452	7.4387	29.8038	3.56141	1
cg11755107	CBorf41;CBorf41	0.000325297	0.7373381	1.16157	1.16157	0.2645342	1.35551	1.35551	0.0004847204	2.18572	11.9572	0.0275183	0.181337	1.19303	0.0001766	0.083824	-11.9225	0.4454295	1.12305	1.12305	0.0181813377	1.19303	1.19303	0.0003581163	1.35372	1.35372	0.0203828	0.837391	1.48702	56.0893	50.4491	2.78717	1
cg08503393	CBorf41;CBorf41	0.00129987	0.0449849	0.378328	-2.64321	0.586545	1.26112	1.26112	0.00128767	2.75733	2.75733	0.69581	1.18108	1.18108	0.184735	0.905591	-1.10425	0.994098	0.99688	-1.00313	0.861523	0.107655	3.796-05	28.2525	28.2525	0.663188	2.20338	1.20338	0.90194	30.8676	2.51277	1
cg04736217	CBorf41;CBorf41	0.00240706	0.00757787	0.629907	-1.58745	0.0129737	0.429403	-2.32907	0.0145	0.204	-4.90196	0.0660957	0.9051	1.00951	0.209028	1.547251	-1.34179	0.525832	0.90157	-1.10907	0.0266341	0.54867	-1.82259	0.0860346	0.644209	-1.55201	0.0105103	0.161103	-6.20715	-1.40773	3.9723	2.80873	0.704908	1
cg02792687	CBorf41;CBorf41	0.0294296	0.39624	0.875929	-1.14164	0.275382	0.841114	-1.1889	0.00264183	0.530248	-1.88591	0.223028	0.822643	-1.21559	0.849391	0.971429	-1.02941	0.0481788	0.708705	-1.41103	0.00741062	0.590967	-1.69214	0.59334	1.08566	1.08566	0.371662	1.15012	1.15012	4.11476	1.51519	0.327318	1
cg08328234	CBorf41;CBorf41	0.0473717	0.12151	1.24453	1.24453	0.0153441	0.90908	-1.10031	0.0329271	0.682487	-1.46535	0.0842268	0.858641	-1.16501	0.0266609	0.808441	-1.23702	0.133407	1.14809	1.14809	0.0145988	0.759147	-1.3178	0.501313	0.749389	1.33459	0.0239158	0.586429	1.70581	3.98907	1.64232	1
cg01008718	CBorf41;CBorf41;CBorf41	0.0063343	0.896135	1.02151	1.02151	0.0503176	0.834115	0.834115	0.648234	0.92891	-1.07771	0.657479	0.929871	-1.07542	0.915865	1.04126	1.04126	1.27011	1.27011	0.0152	0.00134	0.0310	2.59122	0.60134	1.30945	0.0330235	0.840213	1.19017	0.7586	0.38178	0.373749	1
cg13529074	CBorf41;CBorf41;CBorf41	0.0225534	0.462517	0.726181	-1.37707	0.644774	1.2193	1.2193	?	?	?	?	0.0927391	4.32255	4.32255	0.317459	1.55759	1.55759	0.00429034	0.18106	-5.52302	0.529608	0.761674	-1.3129	0.0844183	0.437208	-2.28724	0.707357	1.1747	1.1747	5.09559	12.7784	2.19512	1
cg22630784	CBorf41;CBorf41;CBorf41	0.0448796	0.9337	0.998836	-1.00117	0.0358664	1.03975	1.03975	0.0124927	0.307297	1.35551	0.10024	0.511716	1.30555	0.0155555	0.566763	0.91538	0.821512	1.04007	1.04007	0.0090586	0.595608	-1.67896	0.224239	1.2084	1.2084	0.212163	1.25267	1.25267	1.12597	1.28	0.30953	1
cg16507707	CBorf42	0.00026110	0.00165599	0.361097	-2.76934	0.263891	0.767549	-1.30285	0.126033	0.686577	-1.4565	0.000803806	0.316944	-3.15513	0.000159774	0.230958	-4.3298	0.000591546	0.296615	-3.33762	0.0381179	1.72634	1.72634	0.000752083	3.1934	3.1934	0.00521299	0.546035	-1.83139	18.1269	14.8145	0.726458	1
cg26280778	CBorf42	0.00119081	0.0400413	0.445719	-2.46904	0.0331137	0.654287	-1.52888	0.00946326	0.463824	-2.15637	0.0389176	0.738021	1.35355	0.00012632	0.254813	-3.92443	0.0440942	0.539838	-1.85241	0.015707	0.837998	-1.19332	0.0838163	1.16313	1.16313	0.0033572	0.828988	0.0428768	0.53609	-1.86249	6.92701	7.74174	1.00255	1
cg04134279	CBorf42	0.0402315	0.0120633	0.400453	-2.50415	0.0981576	1.48639	1.48639	0.00915091	2.0611	2.0611	0.0126663	1.96805	1.96805	0.0449891	0.604923	-1.6531	0.967221	0.991062	-1.00902	0.0413595	0.598057	-1.67208	0.66348	1.10038	1.10038	0.0166756	1.893174	1.893174	0.53435	4.18411	0.672023	1
cg05142982	CBorf42	0.0136018	0.456807	0.879133	-1.13745	0.0290625	0.58917	-1.69756	0.0122424	0.264774	-3.77724	0.0179138	0.388126	1.16116	0.0179138	0.388126	-2.57675	0.0158466	0.746027	-1.34028	0.0134269	0.582715	-1.71611	0.125474	0.84897	-1.17779	0.253721	1.1249	1.1249	3.55018	0.137252	0.0
cg13923530	CBorf42	0.0202586	0.98635	0.997554	-1.00245	0.1887001	2.12058	1.22058	0.26966	1.17884	1.17884	0.3169	1.15225	1.15225	0.146761	0.800186	-1.24971	0.704926	1.05596	1.05596	0.00061352	0.468909	-2.12807	0.863565	1.02492	1.02492	0.306112	1.16377	1.16377	6.68406	1.51979	0.28841	1
cg04951310	CBorf42	0.0053986	2.11751	2.11751	2.11751	0.0153441	0.90908	-1.10031	0.0329271	0.682487	-1.46535	0.0842268	0.858641	-1.16501	0.0266609	0.808441	-1.23702	0.133407	1.14809	1.14809	0.0145988	0.759147	-1.3178	0.501313	0.749389	1.33459	0.0239158	0.586429	1.70581	3.98907	1.64232	1
cg00066748	CBorf42	0.0390012	0.0267903	0.215175	-4.72646	0.779073	0.846627	-1.18116	0.0438671	0.253777	-3.94046	0.977761	1.00664	1.01664	0.0345512	0.232431	-4.30235	0.132476	1.382475	-2.61455	0.0565814	0.278669	-3.58489	0.0525092	0.113114	-8.84066	0.0319804	0.225896	-4.42682	3.71755	20.6356	4.93412	1
cg17253785	CBorf44	0.00141116	0.1547	0.543794	-1.83893	0.507892	1.3082	1.3082	0.00132737	0.154583	-6.46901	0.773798	1.12215	1.12215	0.000395554	0.124231	-8.04917	0.662308	1.19214	1.19214	0.000203697	0.082872	-12.0668	0.900637	0.951271	-1.05123	0.0308218	0.362688	-2.75719	10.6652	27.0177	2.25179	1
cg14460605	CBorf44	0.00155452	0.0227194	0.398836	-2.50727	0.0715934	0.732127	-1.36549	0.00422509	0.407707	-2.70443	0.0945288	0.784443	-1.27469	0.0056452	0.613356	-1.63026	0.0295539	0.344955	-2.89983	0.0060422	0.609656	-1.64056	0.0292596	0.545183	-2.7235	0.0087722	0.24995	-4.0008	0.90723	2.38345	0.42938	1
cg13064571	CBorf44	0.0213996	0.083817	0.521803	-1.91643	0.246823	0.662525	-1.50938	0.0401017	0.446452	-2.23988	0.345399	0.718655	-1.39149	0.08452	0.522733	-1.91302	0.099637	1.00015	1.00015	0.0134972	0.353602	-2.82804	0.005381	0.47587	0.347587	0.281718	0.683637	-1.46277	4.59732	8.4153	1.62709	1
cg18439768	CBorf45	0.0265346	0.0190564	0.306116	-3.26705	0.0199951	0.474851	-2.10583	0.0144	0.2	-5.00125	0.0145223	0.197911	-5.0596	0.0096	0.363744	2.72989	0.201566	1.44242	1.44242	0.0139119	0.693466	-1.44206	0.0150528	0.833323	1.19672	0.0139119	0.693466	-1.44206	0.0150528	0.833323	1.19672	0.0139119	1.19674	0.3241	0.270004	1
cg06239141	CBorf44;CBorf44	0.0167338	0.762099	0.930185	-1.07505	0.00253343	0.368281	-2.71532	0.0969854	0.647771	-1.54375	0.178961	0.711543	-1.4054	0.432247	0.826093	-1.21052	0.526353	0.858106	-1.16536	0.00447145	2.46868	2.46868	0.727433	0.08698	0.10869	9.20164	0.216542	0.733472	-1.36338	4.99576	4.49551	0.799879	1
cg08750423	CBorf45;CBorf45	0.00021587	0.160994	1.32678	1.32678	0.0609877	0.666794	-1.49971	0.00017659	0.39154	3.39154	0.38983	0.844406	-1.18426	0.108451	0.714578	-1.39943	0.132103	0.732042	-1.36604	0.0470783	0.486352	-2.05613	0.0180275	0.576135	-1.7357	4.06E-05	4.49673	4.49673	17.9949	10.4977	0.518552	1
cg24340898	CBorf45;CBorf45	0.00373535	0.0054546	0.294754	-3.39251	0.0134041	0.352152	-2.83931	0.0038751	0.251972	-3.96792	0.0047557	0.631611	0.584625	0.0027427	0.36135	-2.76753	0.2004	1.72435	7.32E-05	0.2004	0.274449	-3.64268	0.0150699	0.200113	-4.78211	0.0122561	0.401826	-2.48864	0.51125	0.40792	1.20214	1
cg26708812	CBorf45;CBorf45	0.00221416	0.0322532	0.61575	-1.62404	0.0272126	0.603241	-1.65771	0.428768	0.855377	-1.16908	0.751565	0.99158	-1.07345	0.000388258	0.334839	-2.98651	0.207689	0.773439	-1.29293	0.226663	1.27822	1.27822	0.00088447	2.62084	2.62084	0.614514	0.906465	-1.10319	0.9597	5.54327	0.526444	1
cg18100586	CBorf45;CBorf45	0.00625431	0.0151258	0.317054	3.151768	0.2646	1.2646	0.2646	0.0799	0.783636	1.27641	0.00131928	0.21822	0.458362	0.00131928	0.21822	-4.58362	0.8836	1.04673	1.04673	0.4401453	0.19253	-5.19447	0.901147	-1.1007	0.4244402	0.137452	1.24741	1.24741	1.5458	1.5458	3.98867	1.64232	1
cg08515284	CBorf46	0.0016058	0.0477831	0.58199	-1.58199	0.0443193	2.16667	2.16667	0.202345	1.29843	1.29843	0.00265166	2.3226	2.3226	0.846668	1.04002	1.04002	0.1332476	1.382475	-2.61455	0.0565814	0.278669	-3.58489	0.0525092	0.113114	-8.84066	0.0319804	0.225896	-4.42682	3.71755	20.6356	4.93412	1
cg27615785	CBorf46	0.00141116	0.1547	0.543794	-1.83893	0.507892	1.3082	1.3082	0.00132737	0.154583	-6.46901	0.773798	1.12215	1.12215	0.000395554	0.124231	-8.04917	0.662308	1.19214	1.19214	0.000203697	0.082872	-12.0668	0.900637	0.951271	-1.05123	0.0308218	0.362688	-2.75719	10.6652

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26795312	C8orf77	0.0389635	0.012251	0.186681	-5.35673	0.0158162	0.203892	-4.90456	0.0504746	0.301484	-3.31692	0.150753	0.43678	-2.28948	0.0116233	0.183297	-5.45564	0.0818116	0.354414	-2.82156	0.0179757	0.213021	-4.69437	0.127749	0.412412	-2.42476	0.172905	0.458339	-2.18179	3.71886	17.0401	4.07295	1
cg11209481	C8orf79	0.00129136	0.00330202	0.323818	-3.08815	0.0020551	0.294219	-3.39883	0.00288582	0.315235	-3.17223	0.000659765	0.229977	-4.34825	0.003996	0.336212	-2.97431	0.00890662	0.391552	-2.55394	0.00026587	0.185091	-5.40274	0.0314458	0.49118	-2.03592	0.00984416	0.398857	-2.50717	10.9399	13.7532	1.11747	1
cg08196601	C8orf79;C8orf79	2.38E-07	8.37E-06	0.388412	-2.57459	0.0599491	1.22959	1.22959	0.000863004	1.62759	1.62759	0.00276486	1.49482	1.49482	1.06E-08	0.106591	-9.3817	3.62E-05	0.460713	-2.17055	0.00522367	1.43167	1.43167	0.00111449	1.59624	1.59624	1.24E-05	0.407592	-2.45344	105.635	15.8664	0.133512	1
cg12991306	C8orf80	0.000573251	0.0407074	0.688948	-1.45149	0.289664	0.840877	-1.18923	5.41E-05	0.305176	-3.2768	0.00205323	0.504153	-1.98352	0.261598	0.831429	-1.20275	0.0410478	0.68951	-1.4503	9.94E-05	0.336522	-2.97157	0.00126479	0.476183	-2.10003	0.0454539	0.696431	-1.43589	13.7576	5.41829	0.350079	1
cg09286444	C8orf80	0.00250604	0.00037254	0.395725	-2.52701	0.0316779	0.663555	-1.50703	0.00369305	0.52787	-1.89441	0.883101	0.976327	-1.02425	0.783913	0.956228	-1.04578	0.861918	0.97205	-1.02875	0.0402648	1.47084	1.47084	0.00364118	0.527021	-1.89746	0.151892	1.28398	1.28398	9.02563	3.79005	0.373263	1
cg03430526	C8orf80	0.0338259	0.914112	1.05937	1.05937	0.0571702	0.316532	-3.15924	0.147586	0.435783	-2.29472	0.129892	0.417026	-2.39793	0.0545279	0.311597	-3.20928	0.028541	0.251246	-3.98017	0.0154367	0.20419	-4.89741	0.00290804	0.112191	-8.91335	0.178058	0.465325	-2.14904	3.91508	17.7199	4.02318	1
cg06971659	C8orf80	0.0339774	0.10732	0.389935	-2.56453	0.0419707	0.284846	-3.51067	0.0102754	0.176747	-5.65781	0.0457757	0.293192	-3.41074	0.0223265	0.230613	-4.33627	0.0554637	0.312529	-3.1997	0.00820019	0.163268	-6.12492	0.0316996	0.259401	-3.85503	0.193783	0.47869	-2.08903	3.90878	17.7726	4.04165	1
cg19543005	C8orf83	0.0198524	0.00171188	0.548134	-1.82437	0.749123	1.04403	1.04403	0.265574	1.16859	1.16859	0.101029	0.785709	-1.27274	0.693623	0.948219	-1.05461	0.401617	1.12219	1.12219	0.0369632	0.722275	-1.38451	0.0148459	0.668685	-1.49547	0.645069	1.06427	1.06427	4.71641	1.34708	0.25388	1
cg03483900	C8orf84	0.00110469	0.853184	0.968767	-1.03224	0.00177526	0.466606	-2.14313	0.000753385	0.416748	-2.39953	0.341988	0.8456	-1.18259	0.322755	1.19119	1.19119	0.0370416	1.51401	1.51401	0.000832317	2.36713	2.36713	0.0764699	1.40153	1.40153	0.0637264	0.699755	-1.42907	11.4384	5.31523	0.413052	1
cg17661686	C8orf84	0.00226051	0.000741632	0.245202	-4.07826	0.539678	1.18576	1.18576	0.0288203	0.492929	-2.02869	0.0568572	0.553539	-1.80656	0.077129	0.583149	-1.71483	0.00452182	0.354081	-2.82422	0.000209872	0.182442	-5.48119	0.43677	1.24321	1.24321	0.160515	0.662734	-1.5089	9.3031	11.0949	1.0601	1
cg18454916	C8orf84	0.00373265	0.3173	1.31921	1.31921	0.149602	0.660977	-1.51291	0.215028	1.41873	1.41873	0.864038	1.047	1.047	0.000583827	0.240562	-4.15693	0.0024354	3.09777	3.09777	0.0148913	0.448163	-2.23133	0.218179	0.706717	-1.41499	0.442843	0.810837	-1.23329	8.01762	9.11971	1.01107	1
cg19518093	C8orf84	0.0110495	0.615719	0.865612	-1.15525	0.918151	1.02975	1.02975	0.0166373	0.434365	-2.30221	0.293205	0.732751	-1.36472	0.00216791	0.293109	-3.4117	0.0611501	0.547873	-1.82524	0.0106313	0.4001	-2.49938	0.193397	0.675386	-1.48063	0.00160821	0.275264	-3.63287	5.72423	7.37261	1.14486	1
cg09660970	C8orf84	0.0120639	0.0654503	3.19965	3.19965	0.00225158	11.0793	11.0793	0.0905933	2.85411	2.85411	0.133182	2.48733	2.48733	0.760324	0.841896	-1.1878	0.0898337	2.86261	2.86261	0.00142459	13.4055	13.4055	0.0113411	5.94883	5.94883	0.10733	2.68751	2.68751	5.5639	27.879	4.45396	1
cg13311096	C8orf84	0.0358126	0.327348	0.693202	-1.44258	0.837598	1.07721	1.07721	0.110633	0.532588	-1.87762	0.836206	1.07791	1.07791	0.041816	0.427319	-2.34017	0.00307789	4.34228	4.34228	?	?	?	0.616783	1.20063	1.20063	0.815725	1.08828	1.08828	3.89704	7.20554	1.84898	1
cg01432443	C8orf84	0.0433803	0.556993	1.26526	1.26526	0.027414	0.355779	-2.81073	0.773347	1.12117	1.12117	0.570699	1.25479	1.25479	0.0474358	2.45525	2.45525	0.00509352	0.230776	-4.33321	0.551664	0.787781	-1.26939	0.47041	1.33756	1.33756	0.528994	0.776762	-1.2874	3.57412	8.88068	2.20864	1
cg05591716	C8orf85	1.42E-06	0.0415314	0.862224	-1.15979	0.0369791	0.858308	-1.16508	0.000346448	0.695564	-1.43768	0.115151	0.897589	-1.1141	0.552715	0.962827	-1.03861	0.00261871	1.30059	1.30059	0.000166207	0.667251	-1.49869	3.03E-08	3.56023	3.56023	0.380885	1.05833	1.05833	67.0883	4.22696	0.0560053	1
cg04271218	C8orf85	3.10E-06	0.0119469	0.774889	-1.29051	0.00272615	0.714285	-1.4	0.134663	1.14013	1.14013	0.181977	1.12209	1.12209	0.0528228	0.836138	-1.19597	1.29E-05	2.10598	2.10598	0.000140078	0.585875	-1.70685	1.99E-07	3.62248	3.62248	0.00237622	1.41129	1.41129	54.8681	5.74521	0.0930751	1
cg08870893	C8orf85	4.14E-05	0.718069	1.06189	1.06189	0.000948432	2.26166	2.26166	0.000405629	0.39421	-2.53672	7.81E-06	0.197243	-5.06989	0.000966578	0.443241	-2.25611	0.00524914	1.83992	1.83992	0.108927	1.33582	1.33582	0.00145378	2.14202	2.14202	0.688981	1.0689	1.0689	27.986	12.1577	0.386151	1
cg08466968	C8orf85	0.000595437	0.00277283	0.591494	-1.69064	0.0491528	0.751412	-1.33083	0.0186616	0.695682	-1.43744	0.019496	0.698138	-1.43238	0.44203	0.905051	-1.10491	0.963577	0.994205	-1.00583	0.0367346	0.734309	-1.36183	4.68E-05	2.65728	2.65728	0.176248	1.2008	1.2008	13.6128	3.49201	0.228021	1
cg01010517	C8orf85	0.000663652	0.000787012	0.284003	-3.52108	0.067215	0.601244	-1.66322	0.0596234	0.590227	-1.69426	0.0833088	0.621568	-1.60883	7.75E-05	0.169533	-5.89855	0.497293	0.842886	-1.1864	0.00013771	0.194967	-5.12908	0.489836	1.19005	1.19005	0.00919489	0.440313	-2.27111	13.2066	12.8677	0.866079	1
cg13316295	C8orf85	0.00124709	0.0109765	0.310417	-3.22148	0.00150707	0.187121	-5.34413	0.0239224	0.372438	-2.68501	0.0223474	0.366637	-2.72749	0.000495588	0.135548	-7.37747	0.0326784	0.400046	-2.49971	7.70E-05	0.072419	-13.8085	0.0482573	0.437211	-2.28722	0.0223834	0.366773	-2.72648	11.0496	23.5132	1.89152	1
cg07064711	C8orf85	0.00371377	0.00457674	0.293827	-3.40337	0.00109592	0.209686	-4.76902	0.0492742	0.482847	-2.07105	0.809004	0.924445	-1.08173	0.00619187	0.314078	-3.18393	0.307569	1.40869	1.40869	0.00570797	0.308534	-3.24113	0.0749907	1.90276	1.90276	0.786102	1.09226	1.09226	8.02985	13.3853	1.48173	1
cg21092790	C8orf85	0.00926191	0.0146897	0.340569	-2.93626	0.0663685	0.477873	-2.09261	0.536512	0.79895	-1.25164	0.785154	0.906654	-1.10296	0.83402	1.07815	1.07815	0.00272417	4.41138	4.41138	0.90612	0.958573	-1.04322	0.00390517	4.02759	4.02759	0.62877	0.839705	-1.19089	6.05693	12.3369	1.81052	1
cg07868721	C8orf85	0.0153201	0.00871788	0.281788	-3.54877	0.00605843	0.257065	-3.89006	0.0228757	0.356352	-2.80621	0.112036	0.519031	-1.92667	0.0254138	0.365388	-2.73681	0.414801	1.3715	1.3715	0.0246496	0.362746	-2.75675	0.176025	1.72498	1.72498	0.367756	0.704247	-1.41996	5.14461	11.7026	2.02198	1
cg16462462	C8orf85	0.0411281	0.089054	1.55684	1.55684	0.161881	0.702887	-1.4227	0.0609164	1.64645	1.64645	0.678059	1.10355	1.10355	0.222819	0.739059	-1.35307	0.651183	1.11342	1.11342	0.45097	0.83419	-1.19877	0.00313573	2.59426	2.59426	0.393646	1.22906	1.22906	3.64553	3.21696	0.784391	1
cg05996052	C8orf85;C8orf85	0.00249805	0.0827524	0.711833	-1.40482	0.234055	0.801958	-1.24695	0.465632	0.876901	-1.14038	0.0614278	0.688808	-1.45178	0.182694	0.778667	-1.28425	0.178153	1.28803	1.28803	0.00584585	0.528137	-1.89345	0.000157979	3.13688	3.13688	0.734134	1.06217	1.06217	9.03412	4.47826	0.440627	1
cg23012676	C8orf86	0.00249922	0.150954	1.09399	1.09399	0.0697139	0.88835	-1.12568	0.0749805	0.890708	-1.1227	0.321359	1.06162	1.06162	0.000842829	1.34048	1.34048	0.143536	1.09608	1.09608	0.339742	0.94419	-1.05911	0.0464493	1.14239	1.14239	0.000409823	1.38755	1.38755	9.03287	0.487341	0.0479573	1
cg02157224	C8orf86	0.0233546	0.00337589	0.396999	-2.5189	0.0702435	0.625657	-1.59832	0.0220801	0.529361	-1.88907	0.0115101	0.480742	-2.08012	0.814307	0.946938	-1.05604	0.0384445	0.573637	-1.74326	0.0357974	0.567768	-1.76128	0.0228198	0.531911	-1.88001	0.161738	0.707336	-1.41375	4.46125	3.79417	0.755975	1
cg14606768	C9	0.000989266	0.825962	0.953737	-1.04851	0.44009	1.18455	1.18455	0.00136163	0.367891	-2.7182	0.149051	0.716892	-1.39491	0.000256966	0.274064	-3.64879	0.000818207	0.337914	-2.95933	0.000293964	0.281166	-3.55662	0.222824	0.759163	-1.31724	0.531091	0.872432	-1.14622	11.8026	8.64841	0.651338	1
cg25407540	C9	0.0049936	0.55332	1.13959	1.13959	0.01161	0.50284	-1.98871	0.00114186	0.352644	-2.83572	0.0153709	0.523009	-1.91201	0.00889173	0.484127	-2.06558	0.258698	0.773537	-1.29276	0.00140748	0.365121	-2.73882	0.984839	1.00415	1.00415	0.0254007	0.560496	-1.78413	7.34147	5.52052	0.668413	1
cg19037467	C9	0.0085035	0.0417374	0.727951	-1.37372	0.0248062	0.696684	-1.43537	0.0176169	0.676624	-1.47793	0.102731	0.78544	-1.27317	0.0389836	0.723786	-1.38162	0.125039	0.798822	-1.25184	0.0228315	1.44553	1.44553	0.138735	1.2406	1.2406	0.00438419	0.597685	-1.67312	6.22321	1.80362	0.25762	1
cg01311470	C9	0.0163429	0.065977	0.624244	-1.60194	0.0397176	1.72158	1.72158	0.0158629	0.509193	-1.96389	0.559534	1.14431	1.14431	0.932852	0.980933	-1.01944	0.0348187	1.75409	1.75409	0.0222518	1.87001	1.87001	0.793449	1.06178	1.06178	0.0385811	0.57847	-1.7287	5.03532	4.1617	0.734669	1
cg22920404	C9	0.0391975	0.764749	1.04913	1.04913	0.00122519	0.469649	-2.12925	0.852129	1.03027	1.03027	0.340454	0.854712	-1.16999	0.129619	0.769769	-1.29909	0.0750531	0.728481	-1.37272	0.218795	1.2296	1.2296	0.548671	0.907574	-1.10184	0.496147	0.895452	-1.11675	3.7107	1.50081	0.359515	1
cg05830416	C9orf100	0.0394314	0.926827	0.987652	-1.0125	0.121193	1.25522	1.25522	0.00220445	1.7869	1.7869	0.208477	1.19646	1.19646	0.234632	1.18355	1.18355	0.763832	0.960059	-1.0416	0.113579	0.792234	-1.26225	0.186159	0.827291	-1.20876	0.998525	0.99975	-1.00025	3.70259	1.07302	0.257602	1
cg14256983	C9orf102	0.0209085	0.0433224	0.706732	-1.41496	0.00179806	0.515185	-1.94105	0.126002	0.780941	-1.28051	0.661525	1.06801	1.06801	0.787744	1.04113	1.04113	0.882577	0.978168	-1.02232	0.0636854	1.36528	1.36528	0.778189	1.04308	1.04308	0.0328878	0.688871	-1.45165	4.63393	1.63705	0.314022	1
cg14139511	C9orf103	0.0062027	0.175671	1.76531	1.76531	0.0679521	2.25596	2.25596	0.029364	0.357121	-2.80017	0.692073	0.855775	-1.16853	0.753772	0.884193	-1.13097	0.659436	1.18952	1.18952	0.000402464	10.7872	10.7872	?	?	?	?	?	?	8.25672	15.2185	1.84317	1
cg14512326	C9orf103	0.00732419	0.00956941	0.608303	-1.64392	0.132878	1.27847	1.27847	0.018748	0.649516	-1.53961	0.0021321	0.520049	-1.9229	0.125077	0.777605	-1.286	0.755621	1.04844	1.04844	0.502728	1.10855	1.10855	0.239799	0.829872	-1.205	0.00283735	0.536533	-1.86382	6.52225	2.3711	0.323147	1
cg16342149	C9orf103	0.0165395	0.0231035	0.794169	-1.25918	0.00217489	1.44037	1.44037	0.00919923	1.32385	1.32385	0.942496	0.993898	-1.00614	0.397272	1.07631	1.07631	0.656406	0.962725	-1.03872	0.381719	0.926712	-1.07908	0.683794	1.03535	1.03535	0.546481	0.949542	-1.05314	5.01529	0.57172	0.101329	1
cg01266338	C9orf103	0.0497197	0.0183007	0.348294	-2.87114	0.566162	0.80767	-1.23813	0.254952	0.645469	-1.54926	0.600416	1.21491	1.21491	0.0267783	0.380449	-2.62847	0.515698	0.784466	-1.27475	0.0174271	0.344334	-2.90416	0.0691108	0.472791	-2.1151	0.0158746	0.336882	-2.9684	3.39538	7.29512	1.90982	1
cg07118811	C9orf106	0.00724971	0.160483	0.803008	-1.24532	0.00596731	1.69216	1.69216	0.00167462	1.93004	1.93004	0.705944	1.05703	1.05703	0.216164	0.826579	-1.20981	0.0176301	1.52576	1.52576	0.00594391	1.69282	1.69282	0.974246	1.00474	1.00474	0.364697	1.14602	1.14602	6.54313	2.21898	0.30145	1
cg25073708	C9orf106	0.0443966	0.339895	1.36946	1.36946	0.297266	1.41259	1.41259	0.0461147	2.07615	2.07615	0.451632	1.2778	1.2778	0.548967	0.823785	-1.21391	0.0283849	2.28662	2.28662	0.00190527	4.07901	4.07901	0.670208	1.14676	1.14676	0.133775	1.67688	1.67688	3.54337	5.73436	1.43852	1
cg00302081	C9orf109;C9orf110	0.00717885	0.021918	0.502082	-1.99171	0.482716	0.8363	-1.19574	0.00594808	0.406045	-2.46278	0.0132129	0.46316	-2.15908	0.000766633	0.278886	-3.58569	0.152681	0.681251	-1.46789	0.00271161	0.3542	-2.82326	0.0361408	0.543025	-1.84153	0.332046	0.778208	-1.285	6.56324	6.52693	0.883971	1
cg14371312	C9orf110;C9orf109	0.0179795	0.00375465	0.114242	-8.75336	0.0823595	0.344008	-2.90691	0.459233	0.658436	-1.51875	0.0827979	0.344643	-2.90155	0.011426	0.17285	-5.78537	0.353462	0.588945	-1.69795	0.0166442	0.197629	-5.05999	0.00714197	0.145651	-6.86571	0.0132393	0.182212	-5.4881	4.877	23.7519	4.32906	1
cg14026960	C9orf114;ENDOG	0.0112168	0.0747912	1.26415	1.26415	0.0107628	1.46003	1.46003	0.820322	0.973488	-1.02723	0.182322	1.18196	1.18196	0.250618	1.15233	1.15233	0.0172027	0.709741	-1.40896	0.00156597	1.71026	1.71026	0.426388	0.908533	-1.10068	0.825469	1.02643	1.02643	5.69656	1.25857	0.196387	1
cg13821972	C9orf116;C9orf116	3.75E-06	0.00773541	0.486144	-2.057	2.02E-05	0.162351	-6.15949	0.000357916	0.298937	-3.34519	0.000288231	0.287292	-3.48078	3.06E-07	0.042544	-23.5051	5.73E-05	0.207257	-4.82492	9.91E-07	0.0664072	-15.0586	0.700015	1.08505	1.08505	0.00357482	0.435174	-2.29793	52.2639	36.7903	0.625718	1
cg21213388	C9orf116;C9orf116	0.0128216	0.00891091	0.142052	-7.03969	0.00368467	0.100055	-9.9945	0.0730772	0.309638	-3.22958	0.0879846	0.331463	-3.01692	0.00160769	0.070433	-14.1979	0.371864	0.584093	-1.71205	0.341539	0.562838	-1.77671	0.0706505	0.305837	-3.26971	0.0121667	0.160005	-6.24981	5.4547	29.7124	4.84189	1
cg01678650	C9orf116;MRPS2;C9orf116	0.00136271	0.93126	1.01245	1.01245	0.000257102	2.37064	2.37064	0.52005	0.910704	-1.09805	0.000304275	2.32061	2.32061	0.0486712	1.38128	1.38128	0.849743	1.02758	1.02758	0.0229956	0.677	-1.47711	0.881867	0.978895	-1.02156	0.0143057	1.54232	1.54232	10.7727	3.51073	0.289682	1
cg21010262	C9orf116;MRPS2;C9orf116	0.0286168	0.869999	1.03327	1.03327	0.232883	1.28394	1.28394	0.0463314	0.633799	-1.57779	0.00234955	2.33536	2.33536	0.174984	0.749594	-1.33406	0.254043	0.788222	-1.26868	0.179071	0.751878	-1.33	0.307055	0.809555	-1.23525	0.497657	0.871476	-1.14748	4.15572	2.62748	0.562006	1
cg12833407	C9orf117	0.02771	0.029857	0.495612	-2.01771	0.052101	0.545062	-1.83465	0.0790457	0.585329	-1.70844	0.196551	0.687264	-1.45505	0.00163598	0.289688	-3.45199	0.0988153	0.608298	-1.64393	0.202823	0.691243	-1.44667	0.019552	0.460707	-2.17058	0.0343457	0.507644	-1.96989	4.20316	5.02171	1.062	1
cg02036494	C9orf117	0.031423	0.0917157	0.50537	-1.97875	0.0729379	0.47942	-2.08585	0.0159802	0.338177	-2.95703	0.0366504	0.409666	-2.44101	0.00712072	0.278691	-3.58821	0.139601	1.79372	1.79372	0.858051	1.06802	1.06802	0.41368	0.735543	-1.35954	0.614201	1.20541	1.20541	4.01994	8.60083	1.90181	1
cg24840228	C9orf119;GOLGA2	0.000255093	0.00207312	0.430988	-2.32025	0.000179304	0.291859	-3.42631	0.000110829	0.267126	-3.74355	0.0307028	0.610963	-1.63676	0.00148811	0.410905	-2.43365	0.00222391	0.43529	-2.29732	3.42E-05	0.2108	-4.74384	0.015044	0.559859	-1.78617	0.0238405	0.592468	-1.68785	17.1952	10.2613	0.530449	1
cg13942909	C9orf119;GOLGA2	0.0248467	0.409916	1.14976	1.14976	0.398038	1.15407	1.15407	0.334534	1.17918	1.17918	0.201585	1.25023	1.25023	0.459978	0.882866	-1.13267	0.127388	0.761092	-1.3139	0.000807589	0.432993	-2.30951	0.713418	0.940741	-1.06299	0.266293	0.82546	-1.21145	4.36656	1.89657	0.386079	1
cg14399569	C9orf11;C9orf11	0.000296773	0.932955	0.983769	-1.0165	0.201636	0.769331	-1.29983	0.00742758	0.511413	-1.95537	0.534504	1.13014	1.13014	5.66E-05	0.2335	-4.28265	0.416005	0.850717	-1.17548	3.96E-05	0.216884	-4.61077	0.152558	1.34715	1.34715	0.00139996	0.406556	-2.45969	16.4989	9.88313	0.53246	1
cg14054620	C9orf122	0.000532785	0.961179	1.01535	1.01535	0.035118	2.15558	2.15558	0.0143441	0.388829	-2.57183	0.0119383	0.374711	-2.66872	0.736349	0.899659	-1.11153	0.30956	0.719614	-1.38963	1.28E-05	0.0567377	-17.625	0.052586	1.99286	1.99286	0.785509	0.918183	-1.08911	14.0407	21.7728	1.37839	1
cg21189438	C9orf122	0.00354942	0.618718	0.661794	-1.51105	0.0304001	8.11405	8.11405	0.0455175	0.151531	-6.59931	0.015509	0.0869205	-11.5048	0.165531	0.29614	-3.37678	0.143044	3.65119	3.65119	0.00578656	0.0510629	-19.5837	0.00302376	28.3355	28.3355	0.0268041	8.6568	8.6568	8.13956	87.271	9.53051	1
cg08577743	C9orf122;ANKRD18A	0.00057392	0.626128	1.08176	1.08176	9.81E-06	4.57995	4.57995	0.798658	1.04177	1.04177	0.37784	1.15586	1.15586	0.438209	1.13494	1.13494	0.341018	1.17007	1.17007	0.0165373	0.625818	-1.59791	0.0171614	1.59189	1.59189	0.0170443	1.593	1.593	13.7532	5.58151	0.360741	1
cg13499011	C9orf123	0.00133572	0.352484	0.722784	-1.38354	0.13552	0.579326	-1.72614	0.960443	0.983312	-1.01697	0.92263	1.03351	1.03351	0.972479	0.988363	-1.01177	0.560475	0.81895	-1.22108	0.525287	0.803794	-1.2441	1.07E-05	0.0411938	-24.2755	0.565111	0.820925	-1.21814	10.8346	19.7563	1.62084	1
cg13566181	C9orf123	0.00144415	0.376787	0.791034	-1.26417	0.020165	0.484686	-2.06319	0.0766079	0.601059	-1.66373	0.211483	1.40527	1.40527	0.0165057	0.469034	-2.13204	0.0259366	0.504934	-1.98046	4.06E-05	0.132082	-7.57103	0.460598	0.823525	-1.21429	0.00256826	0.339393	-2.94644	10.5946	11.2092	0.940452	1
cg13683194	C9orf125	0.00298909	0.00235141	0.216478	-4.61942	0.0646626	0.473217	-2.1132	0.0349712	0.41234	-2.42518	0.00494889	0.261381	-3.82583	0.00139031	0.18817	-5.31433	0.00106378	0.174764	-5.72201	0.00174241	0.200001	-4.99996	0.215476	0.62498	-1.60005	0.0150494	0.340509	-2.93678	8.56741	17.6374	1.82993	1
cg15330178	C9orf129	0.00410369	0.0175334	0.841847	-1.18786	0.337004	1.06072	1.06072	0.00163037	0.764298	-1.30839	0.0592615	0.880891	-1.13521	0.163561	0.915258	-1.09259	0.0143035	1.19709	1.19709	0.691917	1.024	1.024	0.0333387	0.862336	-1.15964	0.00273663	0.781703	-1.27926	7.79211	0.437702	0.049931	1
cg14564161	C9orf129	0.00693909	0.00274045	0.144954	-6.89875	0.0017603	0.124707	-8.0188	0.301664	0.6066	-1.64853	0.137029	0.473211	-2.11322	0.0280418	0.297538	-3.36092	0.156844	0.492943	-2.02863	0.030665	0.305404	-3.27435	0.00208892	0.132264	-7.56061	0.00652216	0.191805	-5.21362	6.63316	22.9251	3.07211	1
cg01230325	C9orf129	0.00888573	0.00285075	0.442368	-2.26056	0.208732	0.768576	-1.30111	0.0378853	0.619911	-1.61313	0.711854	1.07647	1.07647	0.0488466	0.639656	-1.56334	0.466628	0.863171	-1.15852	0.554019	1.12625	1.12625	0.000517645	0.341051	-2.93211	0.121261	0.716267	-1.39613	6.1372	3.83482	0.555421	1
cg10065823	C9orf129;C9orf129	0.0180839	0.0610614	0.492638	-2.02989	0.00466458	0.283147	-3.53174	0.00776126	0.317692	-3.1477	0.0478351	0.468209	-2.1358	0.00620459	0.302159	-3.30951	0.0466911	0.465855	-2.14659	0.0608502	0.492282	-2.03136	0.221191	0.649656	-1.53928	0.574347	1.20965	1.20965	4.86751	8.67172	1.5836	1
cg10273096	C9orf130;C9orf102;C9orf130	0.0393299	0.844412	0.947989	-1.05486	0.349105	1.29956	1.29956	0.119134	1.58371	1.58371	0.702882	0.901065	-1.1098	0.00180994	0.299442	-3.33955	0.0653516	0.569873	-1.75478	0.937055	1.0217	1.0217	0.718346	1.10347	1.10347	0.417479	1.25263	1.25263	3.7061	4.33743	1.04031	1
cg05000446	C9orf131;C9orf131;C9orf131;C9orf131	0.000442797	0.00147094	0.319379	-3.13108	0.00997785	0.453633	-2.20443	0.0021001	0.342703	-2.91798	3.35E-05	0.121432	-8.23507	0.00174865	0.330614	-3.02467	0.112505	0.663901	-1.50625	0.002835	0.362933	-2.75533	0.172902	1.40866	1.40866	0.000489791	0.252125	-3.96628	18.4591	15.6675	0.660155	1
cg13534791	C9orf131;C9orf131;C9orf131;C9orf131	0.0130061	0.0623335	0.616497	-1.62207	0.0392759	0.577037	-1.73299	0.00130855	0.340021	-2.94099	0.0217549	0.529944	-1.88699	0.0162771	0.507961	-1.96866	0.352402	1.24685	1.24685	0.170593	0.714319	-1.39993	0.866981	0.96209	-1.0394	0.0141934	0.49781	-2.0088	5.42931	4.57033	0.748255	1
cg07337434	C9orf135	0.0151619	0.366687	0.853563	-1.17156	0.0913662	0.728012	-1.3736	0.0159228	0.604089	-1.65538	0.359398	0.851382	-1.17456	0.0700267	0.707617	-1.41319	0.0197842	0.618478	-1.61687	0.000860336	0.425527	-2.35003	0.672719	1.07524	1.07524	0.0191649	0.616357	-1.62244	5.16233	2.38342	0.410396	1
cg02679745	C9orf139;FUT7	0.000933112	0.00170049	0.529494	-1.88859	0.153221	0.804957	-1.2423	0.00254586	0.552119	-1.8112	0.000166076	0.402492	-2.48452	0.147807	0.802295	-1.24642	0.80294	1.03611	1.03611	0.166614	1.2327	1.2327	0.0111993	0.637059	-1.56971	0.000451486	0.456352	-2.19129	11.9995	3.82454	0.28331	1
cg02971262	C9orf139;FUT7	0.0308506	0.00595029	0.208734	-4.79078	0.127334	0.487613	-2.05081	0.0815805	0.431349	-2.31831	0.195058	0.550444	-1.81672	0.0197296	0.293271	-3.40982	0.209058	0.561694	-1.78033	0.00448647	0.191959	-5.20945	0.0295064	0.327413	-3.05425	0.131332	0.49184	-2.03318	4.04639	12.1606	2.67138	1
cg09305224	C9orf139;FUT7;FUT7	0.0493177	0.0370766	0.425134	-2.3522	0.00954556	0.313539	-3.18939	0.0246377	0.388476	-2.57416	0.0750125	0.49631	-2.01487	0.107858	0.537987	-1.85878	0.16674	0.593987	-1.68354	0.543044	0.804507	-1.243	0.0929095	0.520382	-1.92166	0.0130642	0.336938	-2.96791	3.40586	6.73411	1.75752	1
cg21241219	C9orf140	0.000172612	0.768681	1.02606	1.02606	0.131028	1.15285	1.15285	7.09E-05	1.88153	1.88153	0.0398805	0.812833	-1.23027	0.726076	1.03116	1.03116	0.650096	0.960944	-1.04064	2.31E-05	0.477867	-2.09263	0.00715009	0.738594	-1.35392	0.0969841	0.85307	-1.17224	19.1185	2.3043	0.107135	1
cg14156314	C9orf140	0.00741018	0.837239	0.952985	-1.04933	0.313639	0.783508	-1.27631	0.0338414	0.559872	-1.78612	0.014094	2.03274	2.03274	0.0779691	0.632216	-1.58174	0.864031	0.960668	-1.04094	0.0010821	3.09433	3.09433	0.0308941	1.81003	1.81003	0.581418	0.877779	-1.13924	6.49848	5.64093	0.771589	1
cg03180426	C9orf140	0.0354033	0.0213701	0.330926	-3.02183	0.0188749	0.320705	-3.11813	0.0189058	0.320838	-3.11684	0.069139	0.443449	-2.25505	0.0218011	0.332595	-3.00666	0.325716	0.666462	-1.50046	0.0193855	0.32288	-3.09713	0.0187566	0.320195	-3.1231	0.252518	0.62006	-1.61275	3.85112	9.7527	2.25105	1
cg14159790	C9orf142	0.000236534	0.00489726	3.7342	3.7342	0.972599	1.01221	1.01221	0.897686	1.0465	1.0465	0.283935	1.48191	1.48191	1.12E-05	0.0369506	-27.0632	0.912232	0.96179	-1.03973	0.014064	0.342616	-2.91872	0.117838	1.82226	1.82226	0.00191974	4.72098	4.72098	17.5527	34.7074	1.75763	1
cg01126560	C9orf142	0.0385605	0.454961	1.50123	1.50123	0.0336445	3.76088	3.76088	0.613858	1.31209	1.31209	0.81994	0.8854	-1.12943	0.00367346	0.122862	-8.1392	0.220868	1.98787	1.98787	0.13693	0.425147	-2.35213	0.388266	1.6033	1.6033	0.340146	0.591666	-1.69014	3.73307	16.8503	4.01226	1
cg02294111	C9orf144	0.000481807	0.0377029	0.719229	-1.39038	0.522616	1.09264	1.09264	0.000184378	0.421506	-2.37244	0.0022217	0.556567	-1.79673	0.0920321	0.776014	-1.28864	0.00263953	0.566112	-1.76644	0.288881	1.16245	1.16245	5.27E-05	0.355994	-2.80904	0.843525	1.02739	1.02739	14.4381	4.27495	0.263188	1
cg13867532	C9orf144	0.00345288	0.269728	1.28362	1.28362	0.0565223	1.59842	1.59842	0.150128	0.715236	-1.39814	0.546239	1.14187	1.14187	0.000111067	0.228342	-4.37939	0.992114	1.00215	1.00215	0.210039	1.33239	1.33239	0.0946996	0.670984	-1.49035	0.0451891	0.607013	-1.64741	8.20702	6.13458	0.664426	1
cg11943372	C9orf144	0.00345731	0.0259622	2.09679	2.09679	0.000283505	0.189893	-5.26612	0.0250487	0.473928	-2.11002	0.308531	0.744359	-1.34344	0.126689	1.58847	1.58847	0.911482	0.969329	-1.03164	0.174938	0.667556	-1.498	0.00492136	0.352197	-2.83932	0.53396	0.838238	-1.19298	8.20387	10.1952	1.10465	1
cg06846898	C9orf144B	0.000693816	0.15238	0.814195	-1.22821	0.132326	1.24331	1.24331	0.00057654	0.48956	-2.04265	0.00161598	0.545486	-1.83323	0.165986	0.820309	-1.21905	0.00837838	0.636583	-1.57089	0.37413	1.13012	1.13012	5.30E-05	0.363466	-2.75129	0.67884	0.945702	-1.05742	13.0433	3.71403	0.253107	1
cg09187598	C9orf144B	0.0145931	0.29935	1.35736	1.35736	0.00769107	0.377988	-2.64559	0.00432095	0.338363	-2.9554	0.247969	1.4093	1.4093	0.0137307	0.42084	-2.3762	0.136057	0.633636	-1.57819	0.826246	1.06444	1.06444	0.283686	1.37217	1.37217	0.391495	1.28325	1.28325	5.22797	6.6812	1.13597	1
cg13745402	C9orf150	0.0276019	0.109034	1.249	1.249	0.0268085	1.39616	1.39616	0.498714	0.916333	-1.09131	0.0861835	0.785681	-1.27278	0.884356	0.981654	-1.01869	0.190422	1.19293	1.19293	0.00535645	0.627111	-1.59461	0.159642	1.21068	1.21068	0.544834	0.924992	-1.08109	4.20894	1.079	0.227874	1
cg03884238	C9orf152	0.000216987	0.000167011	0.388777	-2.57217	0.0835783	0.75408	-1.32612	0.16415	0.803488	-1.24457	0.469918	0.897314	-1.11444	0.51487	1.10223	1.10223	0.838226	1.03059	1.03059	5.08E-06	0.216557	-4.61773	0.569579	1.0884	1.0884	0.528905	1.09858	1.09858	17.9692	6.18194	0.305805	1
cg13854960	C9orf152	0.0264455	0.122414	0.664594	-1.50468	0.303807	0.771093	-1.29686	0.00222288	0.351373	-2.84598	0.0428164	0.566076	-1.76655	0.040679	0.561698	-1.78032	0.122912	0.665015	-1.50373	0.0957289	1.56302	1.56302	0.75639	0.92686	-1.07891	0.65544	1.11585	1.11585	4.27262	4.03116	0.838655	1
cg14595570	C9orf153	0.000332981	0.0918195	0.801514	-1.24764	1.32E-05	0.336783	-2.96927	0.000279562	0.492417	-2.0308	0.280822	0.874919	-1.14296	0.00803838	0.667127	-1.49896	0.489768	0.919768	-1.08723	0.0161253	1.4204	1.4204	0.139744	0.827439	-1.20855	0.0803455	0.793556	-1.26015	15.9866	3.5977	0.20004	1
cg14325674	C9orf153	0.000593904	0.00213763	0.315026	-3.17434	0.687265	0.897298	-1.11446	0.00205577	0.31263	-3.19867	0.0766311	0.590163	-1.69445	6.20E-05	0.138462	-7.22221	0.00318199	0.340044	-2.9408	0.000208993	0.189909	-5.26567	0.0754701	0.588659	-1.69878	0.00379973	0.351563	-2.84444	13.6226	15.4703	1.00945	1
cg10572262	C9orf153	0.0118188	0.396505	0.728478	-1.37273	0.232939	1.57831	1.57831	0.00405214	0.24461	-4.08814	0.00144703	0.186475	-5.36266	0.0856699	0.500021	-1.99992	0.0251453	0.378429	-2.6425	0.44167	0.751073	-1.33143	0.151016	0.570366	-1.75326	0.0183244	0.351861	-2.84203	5.60106	11.8095	1.87417	1
cg02046160	C9orf153	0.0307269	0.978243	0.988835	-1.01129	0.151255	0.530901	-1.88359	0.577918	0.793394	-1.26041	0.0756265	0.442967	-2.2575	0.000578559	0.111688	-8.95354	0.108783	0.486672	-2.05477	0.800947	1.10962	1.10962	0.780211	0.891207	-1.12207	0.354537	0.675593	-1.48018	4.05219	10.8797	2.38658	1
cg04256516	C9orf156	0.00154997	0.00198153	0.134145	-7.45462	0.231637	0.561676	-1.78039	0.00352166	0.162135	-6.1677	0.272168	0.591245	-1.69135	0.000580707	0.086602	-11.5471	0.429595	0.690235	-1.44878	0.000142407	0.0489949	-20.4103	0.033787	0.319936	-3.12562	0.0108345	0.229635	-4.35473	10.3811	34.7564	2.97604	1
cg14018471	C9orf156	0.0213801	0.0165177	0.215763	-4.63471	0.201257	0.493257	-2.02734	0.474448	0.683248	-1.4636	0.68799	0.80946	-1.23539	0.287237	0.560673	-1.78357	0.156378	0.452068	-2.21206	0.00284651	0.116399	-8.5911	0.723864	0.830483	-1.20412	0.00194539	0.10077	-9.92358	4.59875	19.9706	3.86011	1
cg24912419	C9orf16	0.000135469	0.991266	0.998966	-1.00104	0.00408473	0.694692	-1.43949	0.00316551	0.683081	-1.46396	0.0141053	1.33161	1.33161	0.0173661	0.760454	-1.315	0.0519726	0.811387	-1.23246	4.06E-05	2.09705	2.09705	0.000187161	1.81481	1.81481	0.301199	0.903697	-1.10657	20.4093	2.88843	0.125801	1
cg13413488	C9orf16	0.00274114	0.289007	0.724886	-1.37953	0.00547333	2.90916	2.90916	0.474098	0.808309	-1.23715	0.0767504	1.77786	1.77786	0.625622	0.866117	-1.15458	0.764228	0.915825	-1.09191	0.000146263	0.148056	-6.75422	0.496886	0.817389	-1.22341	0.0255048	0.460281	-2.17259	8.79003	11.896	1.20298	1
cg18771855	C9orf16	0.00608044	0.00013138	0.133903	-7.46806	0.688168	0.884943	-1.13002	0.533754	0.826177	-1.21039	0.614675	0.857455	-1.16624	0.244578	1.446	1.446	0.0328718	0.469474	-2.13004	0.427501	1.27819	1.27819	0.0944444	0.572943	-1.74537	0.335885	1.35072	1.35072	6.91068	10.0465	1.29223	1
cg14108711	C9orf16	0.0129406	0.807308	0.936735	-1.06754	0.00664809	0.389853	-2.56507	0.423838	0.803749	-1.24417	0.0606692	1.76058	1.76058	0.783449	0.928968	-1.07646	0.114052	0.631426	-1.58372	0.00151536	0.294701	-3.39327	0.17673	1.46824	1.46824	0.500224	1.20083	1.20083	5.43827	6.16105	1.00703	1
cg14512731	C9orf163;SEC16A;C9orf163	0.0128358	0.0448299	1.50225	1.50225	0.396028	0.857613	-1.16603	0.338688	0.840056	-1.1904	0.00444197	1.95579	1.95579	0.0395721	0.656615	-1.52296	0.162796	0.768509	-1.30122	0.00695064	0.539472	-1.85366	0.544656	0.897311	-1.11444	0.389471	0.855687	-1.16865	5.45273	2.69705	0.439666	1
cg00787305	C9orf163;SEC16A;C9orf163	0.0241327	0.0771991	0.562816	-1.77678	0.917377	1.03082	1.03082	0.764828	0.915973	-1.09174	0.0038164	3.13053	3.13053	0.0624521	0.541476	-1.8468	0.318919	0.739821	-1.35168	0.134104	0.623354	-1.60422	0.0383308	0.495509	-2.01813	0.0898271	0.57866	-1.72813	4.41096	5.97913	1.2049	1
cg14311108	C9orf163;SEC16A;SEC16A	0.0132918	0.978098	1.00875	1.00875	0.666554	1.14741	1.14741	0.703273	1.12907	1.12907	0.158771	0.620138	-1.61254	0.747287	0.902529	-1.108	0.649362	0.864852	-1.15627	0.105393	1.75278	1.75278	0.00026894	0.150155	-6.65979	0.45647	1.27198	1.27198	5.39089	8.59135	1.4166	1
cg09381737	C9orf167	1.49E-06	0.538333	0.909762	-1.09919	3.16E-07	9.62522	9.62522	3.49E-06	5.23607	5.23607	3.32E-05	3.39509	3.39509	3.76E-07	9.15266	9.15266	0.021407	1.52139	1.52139	0.00033643	2.40496	2.40496	9.93E-06	4.22341	4.22341	0.406194	1.13767	1.13767	66.2322	24.1695	0.324375	1
cg07717632	C9orf167	1.99E-05	0.00722353	2.396	2.396	6.88E-06	12.3371	12.3371	0.000799359	3.58263	3.58263	4.85E-05	6.86118	6.86118	0.0562131	1.72468	1.72468	0.00730406	2.39155	2.39155	0.000995189	0.291539	-3.43007	6.11E-06	12.8399	12.8399	0.0327068	1.87739	1.87739	33.9162	34.1285	0.894454	1
cg14018215	C9orf167	4.98E-05	0.00621979	2.0526	2.0526	9.47E-05	4.06393	4.06393	0.00118151	2.6094	2.6094	0.000114337	3.91558	3.91558	7.54E-06	7.28154	7.28154	0.000160504	3.66876	3.66876	0.000154382	3.69581	3.69581	0.000115063	3.91074	3.91074	0.285345	1.25073	1.25073	26.6531	17.1589	0.572253	1
cg14391148	C9orf167	0.00192078	0.00197962	0.180989	-5.5252	0.0403166	2.52582	2.52582	0.118726	0.515592	-1.93952	0.00386231	0.218143	-4.58415	0.00156638	0.16911	-5.91332	0.368448	0.696738	-1.43526	0.0016592	0.171978	-5.8147	0.00405356	0.221025	-4.52437	0.0254224	0.353782	-2.8266	9.756	23.6418	2.15405	1
cg13877315	C9orf167	0.00465325	0.229811	1.53275	1.53275	0.00743991	3.21663	3.21663	0.0289577	2.39347	2.39347	0.00129872	4.89354	4.89354	0.649893	0.856511	-1.16753	0.0135144	2.81844	2.81844	0.19662	1.58842	1.58842	0.000731981	5.69626	5.69626	0.0121228	2.88614	2.88614	7.50104	13.6482	1.61734	1
cg02956806	C9orf167	0.0062375	0.00155294	0.260789	-3.83452	0.969433	1.01138	1.01138	0.108103	0.595791	-1.67844	0.503443	1.22211	1.22211	0.0211232	0.440822	-2.26849	0.482841	1.23452	1.23452	0.000623963	0.211304	-4.73251	0.288946	0.722398	-1.38428	0.0376578	0.490532	-2.0386	6.8564	9.47594	1.2285	1
cg14409810	C9orf167	0.0104976	0.0698583	4.80702	4.80702	0.00670914	15.2289	15.2289	0.0253641	7.83469	7.83469	0.0131576	10.8172	10.8172	0.0151885	10.0728	10.0728	0.0631097	5.0484	5.0484	0.488215	0.579597	-1.72534	0.0017336	31.831	31.831	0.0392087	6.34765	6.34765	5.81936	55.2903	8.44541	1
cg20034617	C9orf167	0.0190061	0.884394	1.05494	1.05494	0.0035474	4.27482	4.27482	0.102662	1.92796	1.92796	0.0207661	2.78232	2.78232	0.2989	1.48557	1.48557	0.0476885	2.29891	2.29891	0.953682	1.02158	1.02158	0.00185557	5.07284	5.07284	0.276897	1.51547	1.51547	4.78654	10.2445	1.90246	1
cg03183234	C9orf167	0.0451206	0.0131622	0.251041	-3.98341	0.152725	1.99093	1.99093	0.494731	1.3658	1.3658	0.397733	1.47597	1.47597	0.279344	0.603097	-1.65811	0.904834	1.05525	1.05525	0.0253495	0.30266	-3.30404	0.344267	1.54963	1.54963	0.036247	0.334619	-2.98848	3.52199	11.2761	2.84588	1
cg24175713	C9orf167	0.0461594	0.380941	0.748402	-1.33618	0.0234182	2.39474	2.39474	0.104258	1.77312	1.77312	0.00861273	2.94578	2.94578	0.55956	0.826725	-1.20959	0.752287	1.10751	1.10751	0.131132	0.591174	-1.69155	0.0880858	1.83488	1.83488	0.386512	1.33145	1.33145	3.49205	5.7518	1.4641	1
cg14027524	C9orf169	0.0280295	0.0301294	0.373313	-2.67872	0.0199104	0.33762	-2.96191	0.0509809	0.423607	-2.36068	0.0405637	0.400999	-2.49377	0.027309	0.364556	-2.74306	0.106876	0.506532	-1.97421	0.00610916	0.250871	-3.98612	0.0128499	0.303077	-3.29949	0.0724117	0.46088	-2.16976	4.18623	9.89857	2.10183	1
cg15073164	C9orf169	0.0306784	0.00636393	0.379044	-2.63822	0.145635	0.661379	-1.51199	0.125468	0.644455	-1.5517	0.661603	0.891026	-1.1223	0.00290207	0.323421	-3.09195	0.015144	0.446102	-2.24164	0.478629	0.827791	-1.20803	0.0709306	0.584326	-1.71137	0.10595	0.62592	-1.59765	4.46175	4.73836	0.825996	1
cg01349901	C9orf169	0.0342099	0.0441698	0.274388	-3.64447	0.0225149	0.216866	-4.61115	0.0296514	0.238842	-4.18686	0.270462	0.526351	-1.89987	0.0221022	0.215458	-4.64128	0.051776	0.289954	-3.44882	0.017213	0.197216	-5.07059	0.00822637	0.150955	-6.6245	0.126006	0.39614	-2.52436	3.89917	19.3203	4.40441	1
cg01034921	C9orf170	0.0232307	0.148278	0.732356	-1.36546	0.101106	1.43424	1.43424	0.160024	0.739687	-1.35192	0.198596	0.761178	-1.31375	0.614294	0.902966	-1.10746	0.996995	1.00076	1.00076	0.00263827	2.30693	2.30693	0.0286805	0.595466	-1.67936	0.727251	1.07287	1.07287	4.46945	2.85601	0.568006	1
cg14558431	C9orf170	0.0460548	0.192873	0.43041	-2.32337	0.700815	0.789647	-1.26639	0.304548	0.521811	-1.9164	0.397986	0.588958	-1.69792	0.191425	0.429091	-2.33051	0.490185	0.65131	-1.53537	0.0152596	0.161619	-6.18737	0.00156732	0.0620954	-16.1043	0.0874258	0.315285	-3.17174	3.49503	20.7144	5.26828	1
cg14502963	C9orf171	6.30E-05	0.0593845	0.720363	-1.38819	0.284592	0.842559	-1.18686	0.000208003	0.384128	-2.6033	0.0971355	1.32392	1.32392	5.05E-06	0.20174	-4.95687	0.000623018	0.44433	-2.25058	3.83E-05	0.296177	-3.37636	0.828712	1.03396	1.03396	0.0145026	0.628653	-1.5907	25.0426	9.42078	0.334391	1
cg25344672	C9orf171	7.53E-05	3.38E-05	0.354827	-2.81827	0.000281276	0.464951	-2.15077	0.000164312	0.436608	-2.29039	0.277054	0.864323	-1.15697	0.000157742	0.434465	-2.30168	0.120001	0.80449	-1.24302	4.23E-05	0.366274	-2.7302	0.000299063	0.468196	-2.13586	0.000326987	0.472924	-2.11451	23.8804	6.29165	0.234192	1
cg13633751	C9orf171	0.000301475	2.42E-05	0.235546	-4.24545	0.175855	0.780834	-1.28068	0.0120771	0.583956	-1.71246	0.000273347	0.358816	-2.78694	0.081348	0.717421	-1.39388	0.00282622	0.493187	-2.02763	0.5305	0.896536	-1.1154	9.62E-05	0.303389	-3.2961	0.0847871	0.720626	-1.38768	16.4281	7.68715	0.415936	1
cg13810327	C9orf171	0.00140798	0.0997206	1.51732	1.51732	0.000846054	0.313608	-3.18869	0.000624863	0.296453	-3.37321	0.308071	1.27612	1.27612	0.00183991	0.359742	-2.77977	0.584	1.13632	1.13632	0.0374788	0.572393	-1.74705	0.55852	0.872201	-1.14652	0.0379948	1.74362	1.74362	10.6721	9.02783	0.751937	1
cg14067450	C9orf171	0.00293416	0.980648	1.00276	1.00276	0.000712585	1.79724	1.79724	0.00192797	1.64742	1.64742	0.674273	1.04925	1.04925	0.0345524	0.755541	-1.32356	0.0065074	1.49512	1.49512	0.0136492	1.41477	1.41477	0.991137	1.00126	1.00126	0.0228315	1.36315	1.36315	8.61469	1.76488	0.182106	1
cg13499395	C9orf171	0.00782927	0.13973	2.0761	2.0761	0.000320835	14.5333	14.5333	0.0142169	4.01623	4.01623	0.0705364	2.53216	2.53216	0.615799	1.26185	1.26185	0.0334065	3.13506	3.13506	0.412146	1.4703	1.4703	0.00624606	5.14626	5.14626	0.0228339	3.49767	3.49767	6.38733	21.3764	2.97484	1
cg13563023	C9orf171	0.0100519	0.873231	0.958652	-1.04313	0.178298	1.45967	1.45967	0.00245263	0.328112	-3.04774	0.632741	0.880453	-1.13578	0.00218563	0.320947	-3.11578	0.804247	1.06788	1.06788	0.0260888	0.497484	-2.01011	0.90454	0.96877	-1.03224	0.099062	1.61317	1.61317	5.90083	6.53579	0.984538	1
cg13927228	C9orf171	0.0109172	0.230129	0.615787	-1.62394	0.0305954	2.66006	2.66006	0.822209	1.09054	1.09054	0.0151494	3.1553	3.1553	0.197743	0.591979	-1.68925	0.123667	0.526162	-1.90055	0.147498	0.549638	-1.81938	0.00194112	5.41064	5.41064	0.152716	1.80364	1.80364	5.74648	13.497	2.08776	1
cg14584529	C9orf171	0.0304536	0.221132	0.813395	-1.22942	0.905952	0.981199	-1.01916	0.383463	1.15432	1.15432	0.923049	0.984605	-1.01564	0.135314	0.772204	-1.29499	0.259706	0.827948	-1.20781	0.000845747	0.446738	-2.23845	0.419135	1.14175	1.14175	0.327198	1.17636	1.17636	4.06509	1.66022	0.363031	1
cg14013444	C9orf171	0.0343669	0.105773	0.448389	-2.23021	0.0886891	0.426352	-2.34548	0.0185278	0.273514	-3.65611	0.053444	0.369406	-2.70705	0.010518	0.231909	-4.31204	0.32777	0.632179	-1.58183	0.00627045	0.198556	-5.03635	0.0550284	0.372462	-2.68484	0.8111	1.11482	1.11482	3.89273	12.7054	2.90122	1
cg11101889	C9orf171	0.0367278	0.964619	0.987946	-1.0122	0.0434296	1.88695	1.88695	0.245031	1.39438	1.39438	0.0273926	2.04101	2.04101	0.62735	0.874812	-1.1431	0.168316	1.49386	1.49386	0.22455	1.41734	1.41734	0.00201134	3.29198	3.29198	0.0620943	1.7758	1.7758	3.80007	4.49836	1.05223	1
cg14489049	C9orf171	0.0403885	0.0531226	3.52479	3.52479	0.0272027	4.4755	4.4755	0.221126	2.09047	2.09047	0.0727732	3.1505	3.1505	0.150785	2.41769	2.41769	0.197684	2.18287	2.18287	0.0596037	3.38319	3.38319	0.0039579	9.22463	9.22463	0.0143727	5.64066	5.64066	3.67004	19.1049	4.62723	1
cg13676220	C9orf171	0.0447564	0.0193909	0.348174	-2.87212	0.0122201	0.311871	-3.20645	0.0308266	0.388131	-2.57645	0.84621	0.930092	-1.07516	0.0983901	0.5084	-1.96695	0.546284	0.796218	-1.25594	0.0933522	0.502157	-1.99141	0.464008	1.3207	1.3207	0.219341	1.61944	1.61944	3.53269	7.79333	1.96094	1
cg16882684	C9orf173	0.0258121	0.481045	1.22851	1.22851	0.0171908	0.434214	-2.30301	0.770328	0.919325	-1.08775	0.229759	0.696225	-1.43632	0.0353598	0.49457	-2.02196	0.0910233	0.585731	-1.70727	0.00452971	0.337299	-2.96472	0.00950837	0.389094	-2.57007	0.868327	1.04883	1.04883	4.30897	5.63437	1.1623	1
cg21174903	C9orf173	0.0420397	0.15894	0.729087	-1.37158	0.48551	1.16036	1.16036	0.0634157	1.54969	1.54969	0.365739	1.21534	1.21534	0.303458	1.25067	1.25067	0.0158327	1.85946	1.85946	0.594425	1.11938	1.11938	0.00397214	2.2542	2.2542	0.122166	1.42131	1.42131	3.61606	2.52226	0.620014	1
cg00800809	C9orf21	0.0389387	0.362027	0.663155	-1.50794	0.0941328	0.446258	-2.24085	0.788391	0.888751	-1.12517	0.0837057	2.31445	2.31445	0.350649	0.656293	-1.52371	0.0604721	0.395315	-2.52963	0.00451229	0.190267	-5.25577	0.137107	2.01783	2.01783	0.315585	0.634503	-1.57604	3.71973	11.3228	2.70575	1
cg13394530	C9orf23;C9orf23	0.000941983	0.129321	2.12646	2.12646	0.0076512	0.206335	-4.84649	0.0940261	2.33399	2.33399	3.30E-05	0.02447	-40.8664	0.324881	0.626253	-1.5968	0.438362	0.694968	-1.43892	0.829353	1.10447	1.10447	0.00336435	0.159398	-6.27362	0.065479	0.386064	-2.59024	11.9674	40.1673	2.98345	1
cg13737559	C9orf23;C9orf23	0.00775099	0.306388	1.29456	1.29456	0.969535	1.00935	1.00935	0.198881	1.39233	1.39233	0.938572	1.01897	1.01897	0.224944	0.732906	-1.36443	0.174662	0.703288	-1.42189	0.000143874	0.202523	-4.93772	0.107334	0.651485	-1.53495	0.928896	1.022	1.022	6.40752	6.03183	0.836772	1
cg15186584	C9orf24;C9orf24	0.00879927	0.0261771	0.708085	-1.41226	0.5754	1.07686	1.07686	0.520873	1.08888	1.08888	0.92361	1.01263	1.01263	0.523216	1.08835	1.08835	0.11928	0.801548	-1.24759	0.000301368	2.15764	2.15764	0.346243	0.880801	-1.13533	0.464275	0.907134	-1.10237	6.15625	1.66944	0.241047	1
cg13495235	C9orf24;C9orf24;C9orf24	3.47E-05	7.66E-05	0.0704792	-14.1886	0.0154549	3.00282	3.00282	0.00300461	4.50781	4.50781	0.0462908	2.32766	2.32766	0.000750634	0.150746	-6.63367	0.978921	0.99027	-1.00983	1.03E-05	32.9027	32.9027	0.0122242	3.17495	3.17495	0.00244932	0.21016	-4.75827	29.3236	63.6068	1.92812	1
cg03560879	C9orf24;C9orf24;C9orf24	0.00455717	0.0515183	1.82369	1.82369	0.0187078	2.16516	2.16516	0.0451743	1.86448	1.86448	0.628759	0.876281	-1.14119	0.0402624	1.90097	1.90097	0.0207772	2.12657	2.12657	0.000238506	5.20386	5.20386	0.00274701	3.06583	3.06583	0.585199	1.16115	1.16115	7.54874	8.78592	1.03457	1
cg13912930	C9orf24;C9orf24;C9orf24	0.0262164	0.0994645	0.371877	-2.68906	0.0411737	3.63445	3.63445	0.0128001	5.44032	5.44032	0.769753	1.17443	1.17443	0.090174	0.359512	-2.78155	0.537287	1.40805	1.40805	0.0124026	5.50129	5.50129	0.0890464	2.79362	2.79362	0.760233	0.845626	-1.18256	4.28564	20.3688	4.22471	1
cg14531310	C9orf25	0.000231802	0.585411	1.04178	1.04178	0.000541586	1.49131	1.49131	0.118887	0.88181	-1.13403	0.0184523	1.23664	1.23664	0.416046	1.06372	1.06372	0.00097276	1.44007	1.44007	9.43E-06	2.0342	2.0342	0.0031378	1.34996	1.34996	0.0100214	1.27323	1.27323	17.6494	1.54349	0.0777358	1
cg21236153	C9orf25	0.00441575	0.0496707	1.70869	1.70869	0.13486	1.47059	1.47059	0.00508056	2.42571	2.42571	0.00728243	2.28897	2.28897	0.75484	0.927795	-1.07782	0.125748	0.672737	-1.48646	0.379846	0.806112	-1.24052	0.0120454	0.472762	-2.11523	0.00349512	2.5805	2.5805	7.62127	6.90934	0.805854	1
cg27344462	C9orf25	0.00724657	0.0383214	1.76768	1.76768	0.000970955	3.20631	3.20631	0.0650933	1.63484	1.63484	0.0959331	1.54337	1.54337	0.0774444	1.59334	1.59334	0.371679	1.2432	1.2432	0.00166042	2.90944	2.90944	0.0163915	2.00619	2.00619	0.00450126	2.45638	2.45638	6.54402	5.83785	0.792969	1
cg14087796	C9orf25	0.0296421	0.959107	0.982438	-1.01788	0.0867961	0.520168	-1.92245	0.0558258	2.11425	2.11425	0.593177	1.20484	1.20484	0.00426259	0.26674	-3.74897	0.184166	0.614582	-1.62712	0.114141	0.552185	-1.81099	0.102625	0.539472	-1.85366	0.160825	1.67801	1.67801	4.10428	7.76209	1.68108	1
cg13883553	C9orf25	0.0330062	0.182727	1.38754	1.38754	0.0129948	2.04213	2.04213	0.0202324	1.91288	1.91288	0.0103917	2.11178	2.11178	0.0112442	2.08685	2.08685	0.387594	1.22769	1.22769	0.0813062	1.56458	1.56458	0.0241794	1.86379	1.86379	0.486111	1.17814	1.17814	3.94979	3.35663	0.7554	1
cg14223485	C9orf25	0.0401935	0.172397	2.33738	2.33738	0.00126787	15.634	15.634	0.062251	3.41099	3.41099	0.441286	1.58255	1.58255	0.370009	0.583811	-1.71288	0.279124	1.93056	1.93056	0.488963	1.50823	1.50823	0.663449	0.774172	-1.2917	0.560461	0.708839	-1.41076	3.67659	19.8996	4.81112	1
cg08578641	C9orf25;DNAI1	0.0275083	0.0197421	3.08164	3.08164	0.196491	1.72616	1.72616	0.00920279	3.74988	3.74988	0.00529292	4.34636	4.34636	0.362976	1.45315	1.45315	0.566225	1.26084	1.26084	0.115018	1.98381	1.98381	0.560045	1.26562	1.26562	0.00674909	4.07076	4.07076	4.21397	10.664	2.24944	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23579062	C9orf25;DNAI1	0.0353025	0.0144827	2.14973	2.14973	0.212163	1.39634	1.39634	0.013282	2.18029	2.18029	0.0121711	2.2117	2.2117	0.15516	1.47177	1.47177
cg14429012	C9orf25;DNAI1;C9orf25	0.0160053	0.0725147	0.628717	-1.59054	0.208153	0.735409	-1.35979	0.676019	0.907254	-1.10223	0.817561	0.947893	-1.05497	0.00123006	0.334684	-2.98789
cg21395077	C9orf27	1.90E-05	0.157823	1.16676	1.16676	0.838226	0.979339	-1.0211	1.91E-05	0.411886	-2.42786	4.12E-05	0.450129	-2.22159	0.00779025	0.705462	-1.41751
cg13870199	C9orf27	0.0130834	0.228854	0.756786	-1.32138	0.017482	1.89331	1.89331	0.0195305	0.536427	-1.86419	0.0789452	0.65019	-1.53801	0.00299275	0.407173	-2.45596
cg14163324	C9orf3	9.12E-05	0.977904	0.995633	-1.00439	0.0569426	0.711443	-1.40559	0.00431061	0.547093	-1.82784	1.73E-05	0.248584	-4.02279	0.0341075	0.676522	-1.47815
cg13520026	C9orf3	0.000310331	0.860718	0.915504	-1.0923	0.228673	0.529905	-1.88713	0.642329	0.790484	-1.26505	0.0564131	0.337623	-2.96188	0.0473036	0.319563	-3.12927
cg13727691	C9orf3	0.000973932	0.00568927	0.263167	-3.79987	0.598359	0.829053	-1.2062	0.000352203	0.111913	-8.93554	?	?	?	0.000480771	0.124881	-8.00764
cg14308424	C9orf3	0.000985806	0.00731373	0.166212	-6.0164	0.20816	0.502295	-1.99086	0.398258	0.638409	-1.56639	0.0402083	0.292299	-3.42115	0.00909077	0.179085	-5.58393
cg21193888	C9orf3	0.00110781	0.367136	0.870579	-1.14866	3.84E-05	0.306989	-3.25745	0.200298	0.816779	-1.22432	0.0693394	0.737894	-1.35521	0.553642	1.09378	1.09378
cg00845368	C9orf3	0.00299001	0.212419	0.794734	-1.25828	0.378802	1.17111	1.17111	0.744822	0.944471	-1.05879	0.280626	0.821866	-1.21674	0.000373847	0.369577	-2.70579
cg19305934	C9orf3	0.00371571	0.000737674	0.0254944	-39.2242	0.0974776	0.272127	-3.67476	0.372829	0.519542	-1.92477	0.0385015	0.179815	-5.56128	0.0251613	0.1487	-6.72495
cg00542880	C9orf3	0.0111377	0.00101821	0.38272	-2.61288	0.0870489	1.45136	1.45136	0.0167338	0.562308	-1.77839	0.0333714	0.612541	-1.63254	0.0146746	0.553093	-1.80801
cg14326009	C9orf3	0.020291	0.895824	0.945203	-1.05797	0.0440965	2.7049	2.7049	0.331352	0.649756	-1.53904	0.979022	1.01138	1.01138	0.00791028	0.230995	-4.3291
cg14608626	C9orf3	0.0210728	0.00181865	0.514886	-1.94218	0.00577602	0.581789	-1.71884	0.742629	1.05059	1.05059	0.209749	0.82039	-1.21893	0.872522	0.976238	-1.02434
cg21189611	C9orf3	0.0227491	0.00931797	8.51819	8.51819	0.0290119	5.32039	5.32039	0.0780678	3.56628	3.56628	0.119814	2.9925	2.9925	0.0472904	4.36699	4.36699
cg17406248	C9orf3	0.0286383	0.0134828	7.21096	7.21096	0.0629105	3.86318	3.86318	0.070074	3.69922	3.69922	0.0481094	4.30222	4.30222	0.0258911	5.52015	5.52015
cg25910443	C9orf3	0.0358297	0.261346	0.68061	-1.46927	0.0610054	0.499788	-2.00085	0.3477	0.727895	-1.37382	0.471693	0.78625	-1.27186	0.100813	0.554134	-1.80462
cg13761321	C9orf3	0.0412744	0.694478	1.11255	1.11255	0.021435	0.473929	-2.11002	?	?	?	0.27042	1.36349	1.36349	0.043793	0.53466	-1.87035
cg19318511	C9orf30	6.30E-05	1.72E-05	0.346535	-2.88571	2.86E-05	2.68656	2.68656	0.00686094	1.52331	1.52331	0.00539232	0.643786	-1.55331	0.00944825	0.673384	-1.48504
cg14475840	C9orf30	0.0421161	0.188208	0.582198	-1.71763	0.00358343	4.61997	4.61997	0.723663	1.14766	1.14766	0.1975	0.589495	-1.69637	0.621296	1.21311	1.21311
cg14498394	C9orf37;EHMT1;EHMT1	0.000235883	0.000315888	0.483298	-2.06912	0.000430856	0.49961	-2.00156	0.00121408	0.554259	-1.80421	0.00119133	0.553258	-1.80747	0.245665	0.8596	-1.16333
cg13982446	C9orf37;EHMT1;EHMT1	0.00260836	?	?	?	0.000945666	1.9695	1.9695	0.00287893	1.72419	1.72419	?	?	?	?	?	?
cg20355301	C9orf3;MIR24-1	0.0197876	0.666577	0.826276	-1.21025	0.0533996	2.62737	2.62737	0.21178	0.560407	-1.78442	0.10353	2.18981	2.18981	0.00186775	0.143328	-6.977
cg11750183	C9orf40	0.00409686	0.278921	1.13547	1.13547	0.0889493	1.2358	1.2358	0.21686	1.15794	1.15794	0.0531323	1.28143	1.28143	0.442692	1.09235	1.09235
cg14538930	C9orf40	0.0184347	0.0126563	0.38754	-2.58038	0.502592	0.812124	-1.23134	0.229918	0.680264	-1.47002	0.422663	1.28466	1.28466	0.00325681	0.293156	-3.41116
cg14104635	C9orf41	0.0217783	0.0474904	0.622168	-1.60728	0.0647552	1.54375	1.54375	0.154851	1.37535	1.37535	0.260837	0.78233	-1.27823	0.0336359	0.594861	-1.68107
cg14065121	C9orf41;C9orf41	0.0204867	0.207837	1.19487	1.19487	0.151242	0.813697	-1.22896	0.328677	0.873582	-1.14471	0.742582	1.04517	1.04517	0.566069	0.925182	-1.08087
cg21221054	C9orf44	0.0266458	0.00589956	0.232181	-4.30698	0.331453	0.66619	-1.50107	0.0240236	0.33582	-2.97778	0.341035	0.671853	-1.48842	0.00889006	0.259359	-3.85566
cg03222672	C9orf45	0.0165846	0.408025	0.721266	-1.38645	0.390739	0.712097	-1.4043	0.680054	1.17363	1.17363	0.983103	0.991857	-1.00821	0.000527438	0.124307	-8.04457
cg14059830	C9orf45	0.0376487	0.938462	0.974947	-1.0257	0.0050666	3.3793	3.3793	0.00428106	3.51012	3.51012	0.873192	0.948867	-1.05389	0.203924	0.643651	-1.55364
cg21489873	C9orf45	0.0394613	0.178649	0.822636	-1.21561	0.0619797	0.750387	-1.33265	0.0196242	0.68029	-1.46996	0.203627	0.832482	-1.20123	0.134771	0.802265	-1.24647
cg01036173	C9orf46	0.0318734	0.124265	0.785921	-1.27239	0.0738054	0.749434	-1.33434	0.410627	1.1295	1.1295	0.160024	0.804713	-1.24268	0.00474063	0.581054	-1.72101
cg13503773	C9orf47;C9orf47;S1PR3	0.00966635	0.168414	0.660798	-1.51332	0.0413788	1.94273	1.94273	0.688453	1.1205	1.1205	0.283897	0.73033	-1.36924	0.000562433	0.221039	-4.52408
cg13575422	C9orf47;S1PR3;C9orf47	0.00734839	0.0794754	1.61624	1.61624	0.00133441	0.316519	-3.15937	0.729551	0.917964	-1.08937	0.168734	0.696505	-1.43574	0.0939191	0.63491	-1.57503
cg13464876	C9orf5	0.00498464	0.0318246	0.512763	-1.95022	0.677303	1.11751	1.11751	0.243581	1.38253	1.38253	0.879481	0.960519	-1.0411	0.693951	0.90033	-1.1107
cg13535736	C9orf5	0.0327286	0.0973419	0.411815	-2.42828	0.425341	0.672348	-1.48732	0.941104	0.96461	-1.03669	0.314054	0.601867	-1.6615	0.0140802	0.228112	-4.38381
cg00553107	C9orf50	0.0109427	0.00727435	0.593927	-1.68371	0.0291508	0.679175	-1.47237	0.0130865	0.629276	-1.58913	0.587556	0.92089	-1.08591	0.00573469	0.579837	-1.72462
cg10640119	C9orf50	0.0166393	0.0622882	0.646319	-1.54722	0.00103663	0.364061	-2.74679	0.134402	0.714826	-1.39894	0.646479	1.10081	1.10081	0.593106	1.11871	1.11871
cg13405887	C9orf50	0.0176884	0.0871807	0.742119	-1.34749	0.481213	1.1197	1.1197	0.789601	0.958648	-1.04314	0.600704	1.08697	1.08697	0.768527	0.954466	-1.04771
cg13723983	C9orf50	0.0273985	0.094266	0.579707	-1.72501	0.0315073	0.473519	-2.11185	0.0178611	0.426001	-2.34741	0.193044	0.664795	-1.50422	0.0361203	0.485616	-2.05924
cg14215338	C9orf50	0.0329591	0.0375241	0.142976	-6.99419	0.0252859	0.117226	-8.53052	0.0424162	0.152027	-6.57777	0.0842002	0.214433	-4.66346	0.00216809	0.0311688	-32.0834
cg02514559	C9orf57	0.000742134	0.00108688	0.163289	-6.12413	0.000659961	0.140758	-7.1044	0.191784	0.594886	-1.68099	0.0110081	0.301537	-3.31634	0.00160076	0.182392	-5.48269
cg01920129	C9orf5;MIR32	0.023629	0.409689	0.798126	-1.25293	0.377387	0.784874	-1.27409	0.00379957	0.352029	-2.84068	0.771014	0.92492	-1.08117	0.00333055	0.343453	-2.91161
cg13912673	C9orf64	0.00102873	0.0282005	0.306675	-3.26078	0.117708	2.17042	2.17042	0.000112092	0.0451997	-22.1241	0.0290012	0.309133	-3.23486	0.00325875	0.160469	-6.23173
cg02654291	C9orf64	0.01218	0.0499151	0.581849	-1.71866	0.0208928	0.51007	-1.96052	0.00401377	0.392108	-2.55032	0.276238	1.31559	1.31559	0.29696	0.769606	-1.29937
cg01614478	C9orf64	0.0487365	0.0813843	0.622949	-1.60527	0.00381262	0.384469	-2.60099	0.0116933	0.462145	-2.16382	0.203802	0.719926	-1.38903	0.115114	0.657219	-1.52156
cg09847839	C9orf66;C9orf66;DOCK8	6.46E-05	0.581163	0.848414	-1.17867	0.00123522	0.248231	-4.0285	0.000333505	0.181272	-5.51656	0.222275	0.68495	-1.45996	0.0800737	0.563889	-1.7734
cg13703912	C9orf66;C9orf66;DOCK8	0.0199772	0.079452	1.77573	1.77573	0.670718	1.13444	1.13444	0.128314	1.62396	1.62396	0.190006	1.50592	1.50592	0.00190315	3.6599	3.6599
cg13470032	C9orf66;DOCK8	0.00166575	0.14512	0.588168	-1.7002	0.208607	1.56775	1.56775	0.00551262	3.44697	3.44697	0.00138441	4.81955	4.81955	0.776305	0.907892	-1.10145
cg13666340	C9orf68	0.00563325	0.447442	0.840619	-1.1896	0.000463566	3.43848	3.43848	0.0361018	1.72727	1.72727	0.953201	1.01325	1.01325	0.107595	0.674514	-1.48255
cg21167956	C9orf68	0.0325371	0.0873634	0.772442	-1.2946	0.651266	0.939648	-1.06423	0.251356	0.848784	-1.17816	0.409547	1.1223	1.1223	0.74256	1.04612	1.04612
cg14514600	C9orf68;C9orf68	0.00734706	0.00299136	0.474542	-2.10729	0.462617	1.14668	1.14668	0.0326439	0.632764	-1.58037	0.00394837	2.03347	2.03347	0.573254	1.10981	1.10981
cg14480858	C9orf68;C9orf68	0.0221638	0.335239	1.19518	1.19518	0.128774	1.34251	1.34251	0.645661	0.920288	-1.08662	0.167947	0.76823	-1.30169	0.0427027	0.65797	-1.51983
cg13696752	C9orf68;PPAPDC2	4.40E-05	0.00301184	0.408829	-2.44601	0.00518447	2.25126	2.25126	0.00112851	2.86902	2.86902	0.0005777	3.22559	3.22559	0.0117071	0.500232	-1.99907
cg04630810	C9orf68;PPAPDC2	4.66E-05	0.0248492	0.713096	-1.40234	1.60E-06	4.62167	4.62167	0.00201799	1.73584	1.73584	0.724221	0.956139	-1.04587	0.705813	0.953319	-1.04919
cg27204993	C9orf68;PPAPDC2	0.00504877	0.0198492	0.356268	-2.80687	0.18905	1.66637	1.66637	0.0505693	2.26529	2.26529	0.101199	1.9323	1.9323	0.1933	0.603373	-1.65735
cg14519950	C9orf68;PPAPDC2	0.00564399	0.566758	0.918153	-1.08914	0.00109505	2.03439	2.03439	0.17325	0.807586	-1.23826	0.0686296	1.35064	1.35064	0.633007	0.931513	-1.07352
cg13763482	C9orf68;PPAPDC2	0.0152094	0.0110419	0.169172	-5.91116	0.187434	2.17879	2.17879	0.0154036	5.24537	5.24537	0.390802	1.63255	1.63255	0.0768866	0.333998	-2.99403
cg13517605	C9orf69	0.0119774	0.625072	0.8713	-1.14771	0.300652	1.34988	1.34988	0.175423	0.668268	-1.49641	0.00839565	0.389908	-2.5647	0.03653	0.506734	-1.97342
cg19539824	C9orf69	0.0367485	0.00877133	0.774027	-1.29194	0.223859	1.10302	1.10302	0.756488	1.02416	1.02416	0.395243	1.06909	1.06909	0.423207	1.06478	1.06478
cg25018881	C9orf6;IKBKAP	0.00114224	0.00030319	0.143004	-6.9928	0.16351	0.611061	-1.6365	0.136051	0.587397	-1.70243	0.937775	1.0262	1.0262	0.00271477	0.253686	-3.94188
cg14082422	C9orf6;IKBKAP	0.00145963	0.00580403	0.402864	-2.48222	0.000480974	0.252067	-3.96719	0.010022	0.44135	-2.26577	0.964273	0.988793	-1.01133	0.000300388	0.227768	-4.39042
cg11953824	C9orf6;IKBKAP	0.0353737	0.016074	0.120224	-8.31782	0.067265	0.228875	-4.3692	0.258071	0.428017	-2.33635	0.172758	0.352275	-2.83869	0.047845	0.196553	-5.08768
cg12737869	C9orf6;IKBKAP;IKBKAP	0.0240769	0.401328	1.11022	1.11022	0.940228	1.00917	1.00917	0.76865	1.03655	1.03655	0.241594	1.1609	1.1609	0.212622	1.17326	1.17326
cg07394266	C9orf71	0.00172166	0.0949266	0.653434	-1.53038	0.0115865	0.481011	-2.07895	0.0129004	0.488813	-2.04577	0.107622	0.665554	-1.50251	0.0169008	0.508807	-1.96538
cg14363787	C9orf72;C9orf72	0.0125462	0.118645	1.18969	1.18969	0.158268	1.16727	1.16727	0.221274	0.876482	-1.14092	0.0218432	1.32599	1.32599	0.00110156	1.63776	1.63776
cg23074747	C9orf72;C9orf72;C9orf72	0.00125711	7.31E-05	0.181629	-5.50574	0.100835	1.5295	1.5295	0.472205	1.18876	1.18876	0.208357	0.730785	-1.36839	0.00789237	0.446724	-2.23852
cg15859299	C9orf75;C9orf75	0.000222287	0.590242	0.873792	-1.14444	0.900095	0.969311	-1.03166	0.682808	1.10734	1.10734	0.00111289	0.303599	-3.29382	0.296189	0.764281	-1.30842
cg14144201	C9orf75;C9orf75	0.000797401	0.00349911	0.553861	-1.80551	0.220521	1.2118	1.2118	0.00515799	0.576454	-1.73474	0.104331	0.767345	-1.30319	0.000868248	0.474592	-2.10707
cg00486101	C9orf75;C9orf75	0.0445085	0.289039	0.838842	-1.19212	0.233278	0.819095	-1.22086	0.0216455	1.55317	1.55317	0.504151	1.11431	1.11431	0.00579452	1.78094	1.78094
cg22068044	C9orf75;C9orf75	0.0468794	0.759079	1.03454	1.03454	0.213966	0.865501	-1.1554	0.240653	0.873183	-1.14524	0.153639	0.844809	-1.1837	0.531385	0.932404	-1.0725
cg02802055	C9orf78;USP20;USP20;USP20	0.000886116	0.00245856	0.520145	-1.92254	0.225399	1.21844	1.21844	0.789738	0.959376	-1.04234	0.0751155	1.36008	1.36008	0.000703126	2.22898	2.22898
cg14331104	C9orf79	5.66E-06	0.814625	1.03397	1.03397	0.000604656	2.12145	2.12145	0.000257011	0.4249	-2.35349	0.827614	0.969457	-1.03151	1.80E-05	0.287854	-3.47399
cg27495908	C9orf79	0.00558863	0.5828	0.912822	-1.0955	0.00638622	0.557921	-1.79237	0.00278105	0.507598	-1.97006	0.0139165	0.606797	-1.648	0.0401786	0.677173	-1.47673
cg10570177	C9orf7;C9orf7	4.11E-06	0.737441	0.933595	-1.07113	0.0645778	0.654438	-1.52803	0.59992	1.11414	1.11414	0.0008607	2.77851	2.77851	0.707195	1.08011	1.08011
cg08004162	C9orf7;C9orf7	0.0157341	0.334785	1.12994	1.12994	0.694235	0.952636	-1.04972	0.155378	1.20529	1.20529	0.0327132	1.35918	1.35918	0.00435498	1.59654	1.59654
cg13802527	C9orf80	2.35E-05	3.93E-06	0.080196	-12.4694	0.00159742	0.344997	-2.89858	0.18779	0.720354	-1.38821	0.00306407	0.385622	-2.59321	3.63E-05	0.154262	-6.48249
cg02294108	C9orf80	0.000694423	3.99E-05	0.479084	-2.08732	0.0263952	1.2799	1.2799	0.937471	0.992673	-1.00738	0.0564817	0.816767	-1.22434	0.0124597	1.33837	1.33837
cg16295988	C9orf80	0.0289384	0.45857	1.0622	1.0622	0.571828	0.955351	-1.04674	0.923984	1.00766	1.00766	0.125169	0.875728	-1.14191	0.343678	0.924975	-1.08111
cg13834913	C9orf80	0.0312885	0.0821545	1.30988	1.30988	0.74134	1.04752	1.04752	0.00258845	1.79538	1.79538	0.116971	1.2696	1.2696	0.816283	0.967907	-1.03316
cg14564021	C9orf82;C9orf82	0.0159521	0.0335512	0.734941	-1.36065	0.161995	1.20345	1.20345	0.13047	1.22454	1.22454	0.840191	0.975269	-1.02536	0.00609754	0.641445	-1.55898
cg25106814	C9orf82;C9orf82;C9orf82	0.0364967	0.127969	1.48869	1.48869	0.00199979	0.348262	-2.8714	0.843072	0.953205	-1.04909	0.043609	0.570664	-1.75235	0.98743	1.00382	1.00382
cg01822570	C9orf84	0.0314321	0.0550647	0.712995	-1.40253	0.985581	0.997193	-1.00281	0.185763	0.803963	-1.24384	0.0140236	0.623912	-1.60279	0.0165712	0.63435	-1.57642
cg13986117	C9orf84;C9orf84	0.0111834	0.0312549	1.92906	1.92906	0.560731	0.858186	-1.16525	0.423733	0.808629	-1.23666	0.00578813	2.55971	2.55971	0.016642	0.467586	-2.13865
cg07476130	C9orf85;FAM108B1;FAM108B1	0.0209581	0.120444	1.15152	1.15152	0.27904	1.09886	1.09886	0.0350937	1.22831	1.22831	0.205015	1.11853	1.11853	0.00613708	1.3492	1.3492
cg01167496	C9orf85;FAM108B1;FAM108B1;FAM108B1;FAM108B1	0.0109751	0.280335	1.06873	1.06873	0.063525	1.13153	1.13153	0.487576	1.04266	1.04266	0.0486705	1.14267	1.14267	0.00309814	1.27088	1.27088
cg20684615	C9orf86;C9orf86	3.29E-05	0.634598	0.940917	-1.06279	4.72E-06	0.263621	-3.79332	0.0123432	1.48629	1.48629	0.00677917	1.56257	1.56257	0.32536	1.13789	1.13789
cg14224203	C9orf86;C9orf86	0.00213367	0.0098525	3.9873	3.9873	0.000678609	9.04655	9.04655	0.0223094	3.19364	3.19364	0.086767	2.23022	2.23022	0.0141475	3.61039	3.61039
cg13807668	C9orf86;C9orf86	0.00221089	0.691674	1.08196	1.08196	0.010282	1.89476	1.89476	0.375426	1.19694	1.19694	0.278406	1.24948	1.24948	0.000349475	0.321121	-3.11409
cg12986501	C9orf86;C9orf86	0.0115303	0.0435329	0.52208	-1.91541	0.0450576	1.90398	1.90398	0.110014	0.61399	-1.62869	0.0242845	0.471485	-2.12096	0.211754	0.691871	-1.44536
cg04912438	C9orf86;C9orf86	0.0136271	0.0225301	0.656199	-1.52393	0.445338	0.886953	-1.12746	0.00359796	1.83643	1.83643	0.0220158	0.65473	-1.52735	0.283265	0.842061	-1.18756
cg21163944	C9orf86;C9orf86	0.0157578	0.307628	0.621925	-1.60791	0.325494	0.633445	-1.57867	0.092911	0.435444	-2.29651	0.682488	1.20318	1.20318	0.000497439	0.0862512	-11.594
cg15032615	C9orf86;C9orf86	0.0221976	0.036582	3.53935	3.53935	0.00817451	5.8185	5.8185	0.0684368	2.89045	2.89045	0.110504	2.47169	2.47169	0.0592221	3.02899	3.02899
cg00234608	C9orf86;C9orf86;LOC100131193	0.00579995	0.170755	0.792075	-1.26251	0.7222	1.05871	1.05871	0.037964	1.4689	1.4689	0.0788148	0.732044	-1.36604	0.00806755	0.58143	-1.7199
cg02772733	C9orf86;C9orf86;LOC100131193	0.00815472	0.311153	1.23626	1.23626	0.0045286	2.15024	2.15024	0.0501087	1.57162	1.57162	0.00220151	0.419472	-2.38395	0.175965	1.33807	1.33807
cg21925493	C9orf89	0.00567307	0.66659	1.08844	1.08844	0.0308108	1.64188	1.64188	0.994708	0.998704	-1.0013	0.326829	1.21885	1.21885	0.172257	0.752726	-1.3285
cg09547190	C9orf89	0.00935395	0.00828718	0.479058	-2.08743	0.0118718	1.98322	1.98322	0.00484903	2.25789	2.25789	0.959131	1.01124	1.01124	0.178187	0.732057	-1.36601
cg13633754	C9orf89;C9orf89	0.0110454	0.00191855	0.590802	-1.69261	0.696104	1.04815	1.04815	0.0192202	0.712241	-1.40402	0.00521262	0.642996	-1.55522	0.160372	0.835546	-1.19682
cg14283140	C9orf9	0.0476611	0.396325	0.820775	-1.21836	0.776648	1.06681	1.06681	0.00189242	0.367453	-2.72144	0.950149	1.01432	1.01432	0.0676236	0.627796	-1.59288
cg18521771	C9orf91	0.000161793	0.000507186	0.513994	-1.94555	0.105175	0.805016	-1.24221	0.00190775	0.583527	-1.71372	0.815329	1.02908	1.02908	3.13E-05	0.369851	-2.70379
cg13676817	C9orf91	0.000542452	0.98003	1.0055	1.0055	0.0104985	0.493963	-2.02444	0.0496245	0.61231	-1.63316	0.28299	1.27674	1.27674	0.202316	0.744673	-1.34287
cg13808160	C9orf91	0.00932429	0.0109537	0.358286	-2.79107	0.946187	1.02194	1.02194	0.0840028	0.540833	-1.849	0.131331	0.592334	-1.68824	0.00061004	0.183126	-5.46072
cg13907406	C9orf91	0.0116556	0.261534	0.83301	-1.20047	0.973643	0.994858	-1.00517	0.797701	0.960711	-1.0409	0.000177176	0.370939	-2.69586	0.246611	0.827733	-1.20812
cg13849727	C9orf93	0.0235321	0.511537	0.882278	-1.13343	0.0908574	0.704404	-1.41964	0.0904923	0.704069	-1.42032	0.286781	1.23131	1.23131	0.0967561	0.709668	-1.40911
cg14080542	C9orf93	0.0362352	0.923319	1.01023	1.01023	0.956512	0.994252	-1.00578	0.785697	1.02923	1.02923	0.131224	1.18799	1.18799	0.0720469	1.23647	1.23647
cg17511416	C9orf93;C9orf93	0.0029857	0.81377	1.02478	1.02478	0.405901	1.0922	1.0922	0.0822448	0.818991	-1.22101	0.00210762	0.638592	-1.56595	0.068265	0.809169	-1.23584
cg22244122	C9orf96;SURF4	0.00053991	0.234726	1.26871	1.26871	0.377557	1.18888	1.18888	0.0716122	1.46873	1.46873	0.0188587	1.7221	1.7221	0.000212168	0.306415	-3.26355
cg13393512	C9orf98	0.00188468	0.0407431	0.575055	-1.73896	0.0139132	0.490823	-2.03739	0.000436404	0.271993	-3.67656	0.116488	0.670654	-1.49108	0.00035729	0.261344	-3.82637
cg13544012	C9orf98	0.00515709	0.00150239	0.163398	-6.12002	0.000775885	0.133428	-7.4947	0.0058629	0.239744	-4.17111	0.0173638	0.317532	-3.14929	0.0143796	0.302756	-3.30299
cg14000282	C9orf98	0.00683307	0.351579	0.583075	-1.71504	0.228399	2.03673	2.03673	0.688596	1.25443	1.25443	0.863501	0.907716	-1.10167	9.23E-05	0.019695	-50.7744
cg14075203	C9orf98	0.00769656	0.0176648	0.460613	-2.17102	0.915793	0.971991	-1.02882	0.000158164	0.176322	-5.67143	0.685397	1.1156	1.1156	0.441039	0.809746	-1.23495
cg13811630	C9orf98	0.00770685	0.0158176	0.447493	-2.23467	0.0126773	0.430546	-2.32263	0.00387181	0.347055	-2.88138	0.172889	0.674004	-1.48367	0.00195719	0.303965	-3.28985
cg14082075	C9orf98	0.0102301	0.00470862	0.254716	-3.92595	0.594737	0.822407	-1.21594	0.00131055	0.182055	-5.49285	0.00721256	0.282887	-3.53498	0.982462	1.00804	1.00804
cg13667150	C9orf98	0.0302197	0.112711	0.517336	-1.93298	0.00256292	0.202612	-4.93554	0.0176156	0.332105	-3.01109	0.425397	0.732929	-1.36439	0.0199067	0.342073	-2.92336
cg13869648	C9orf98;C9orf9	0.00429074	0.0037659	0.27383	-3.6519	0.238569	0.66438	-1.50516	0.119867	0.5718	-1.74886	0.666587	0.86625	-1.1544	0.000621635	0.174798	-5.72089
cg03382797	C9orf98;C9orf9	0.0335611	0.0899129	0.57481	-1.73971	0.125796	0.612192	-1.63348	0.0294687	0.467906	-2.13718	0.258727	0.705354	-1.41773	0.00188801	0.271241	-3.68676
cg22257574	C9orf9;C9orf9;C9orf98	0.000632484	0.121579	1.22493	1.22493	0.0015195	1.73665	1.73665	0.210188	1.17306	1.17306	0.0409656	1.32994	1.32994	0.00320858	0.614942	-1.62617
cg06598197	CA10;CA10;CA10	8.60E-05	0.000329019	2.21822	2.21822	0.144103	1.24053	1.24053	0.203843	1.20226	1.20226	0.66462	0.941846	-1.06174	0.00416983	1.69443	1.69443
cg07111868	CA10;CA10;CA10	0.0285903	0.349509	0.872687	-1.14589	0.0903761	0.768076	-1.30196	0.186313	0.820273	-1.21911	0.0114771	1.56392	1.56392	0.810695	1.03451	1.03451
cg17326372	CA10;CA10;CA10	0.0300865	0.418666	0.835447	-1.19696	0.163094	1.38249	1.38249	0.304901	1.26005	1.26005	0.704867	0.920547	-1.08631	0.0025282	0.4017	-2.48942
cg25063515	CA10;CA10;CA10	0.0308692	0.431363	1.37612	1.37612	0.294479	1.54073	1.54073	0.759684	1.12972	1.12972	0.954198	0.977425	-1.0231	0.292084	0.647547	-1.54429
cg12691739	CA10;CA10;CA10	0.0322203	0.00438263	0.123841	-8.0749	0.404951	0.626401	-1.59642	0.0323162	0.252616	-3.95858	0.0488659	0.290905	-3.43755	0.0111653	0.174491	-5.73097
cg11144436	CA10;CA10;CA10	0.0421305	0.046254	0.584306	-1.71143	0.0923018	1.54651	1.54651	0.498181	1.17565	1.17565	0.201711	0.728154	-1.37334	0.483583	0.845746	-1.18239
cg25499121	CA10;CA10;CA10	0.0465711	0.940663	0.987869	-1.01228	0.13582	1.30151	1.30151	0.281316	0.832289	-1.20151	0.653645	0.928628	-1.07686	0.0338006	0.666094	-1.50129
cg22702328	CA10;CA10;CA10;CA10	0.0104485	0.00552178	1.63183	1.63183	0.398444	0.890403	-1.12309	0.000573129	2.04601	2.04601	0.20028	1.1992	1.1992	0.226402	1.18595	1.18595
cg08947167	CA12;CA12	0.0116031	0.0116769	0.638348	-1.56654	0.0738374	1.32819	1.32819	0.0381772	1.40808	1.40808	0.0635847	0.742981	-1.34593	0.446411	1.11689	1.11689
cg14606164	CA12;CA12	0.0451213	0.927831	1.01015	1.01015	0.107597	1.2162	1.2162	0.0252906	1.34507	1.34507	0.725336	1.0401	1.0401	0.0309535	0.754002	-1.32626
cg05071334	CA13	6.09E-05	0.0393748	0.685896	-1.45795	0.00477113	0.552848	-1.80882	0.00092909	0.457473	-2.18592	0.730771	1.05616	1.05616	4.66E-06	0.190016	-5.2627
cg22625576	CA13	0.00152882	0.000710372	0.64733	-1.54481	0.293099	0.912128	-1.09634	0.894926	1.01121	1.01121	0.722935	0.970426	-1.03048	0.700329	1.03315	1.03315
cg04902930	CA13	0.00699353	0.731406	0.955099	-1.04701	0.366992	0.883768	-1.13152	0.065071	0.758685	-1.31807	0.0262017	0.703529	-1.42141	0.000212445	0.438171	-2.28222
cg07129273	CA13	0.0400745	0.140704	0.829875	-1.205	0.484772	1.08714	1.08714	0.240879	1.15545	1.15545	0.62005	0.942882	-1.06058	0.0930654	0.804584	-1.24288
cg06906980	CA13;CA13	0.0129674	0.772683	0.936732	-1.06754	0.584469	1.13271	1.13271	0.00888855	2.11971	2.11971	0.284746	0.778226	-1.28497	0.613022	0.89129	-1.12197
cg12047752	CA1;CA1;CA1;CA1	0.000653716	0.000224138	0.195828	-5.10653	0.967053	0.989092	-1.01103	0.00139431	0.292373	-3.42029	0.221199	0.710717	-1.40703	0.00125271	0.286121	-3.49503
cg17694593	CA1;CA1;CA1;CA1	0.002637	0.0407339	0.656899	-1.52231	0.027646	0.629275	-1.58913	0.000175657	0.322413	-3.10161	0.319042	0.832616	-1.20103	0.00168592	0.450032	-2.22206
cg25142416	CA1;CA1;CA1;CA1	0.00647647	0.123632	0.634404	-1.57628	0.401852	0.791259	-1.26381	0.00105812	0.266775	-3.74848	0.566034	1.17152	1.17152	0.00110427	0.269191	-3.71483
cg26925025	CA1;CA1;CA1;CA1	0.00964681	0.0620807	0.627206	-1.59437	0.917521	0.977259	-1.02327	0.000836655	0.32752	-3.05325	0.0592383	0.62316	-1.60472	0.00128415	0.352652	-2.83565
cg18803896	CA1;CA1;CA1;CA1;CA1	0.000354725	0.00041479	0.413546	-2.41811	0.0821964	0.738212	-1.35462	0.00358504	0.536994	-1.86222	2.75E-05	0.271793	-3.67927	0.00195246	0.501366	-1.99455
cg03225502	CA1;CA1;CA1;CA1;CA1	0.00159794	0.00294743	0.179873	-5.55949	0.00143853	0.144271	-6.93139	0.00804339	0.240097	-4.16499	0.0300584	0.342257	-2.92178	0.000194999	0.071831	-13.9216
cg07078112	CA1;CA1;CA1;CA1;CA1	0.0028651	0.00124115	0.170593	-5.8619	0.259206	0.643343	-1.55438	0.00313136	0.220088	-4.54363	0.0120806	0.30955	-3.2305	0.000289186	0.109067	-9.16871
cg23200067	CA2	5.68E-05	0.0891471	0.709265	-1.40991	1.93E-05	0.204022	-4.90143	3.75E-06	0.138081	-7.24214	0.00872101	0.542052	-1.84484	0.00672838	0.525222	-1.90396
cg23963118	CA2	0.00847243	0.116728	0.60494	-1.65306	0.000849399	0.227907	-4.38776	0.956964	0.984211	-1.01604	0.491032	1.22911	1.22911	0.848252	0.945071	-1.05812

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23579062	0.755027	1.08276	1.08276	0.0940571	1.59628	1.59628	0.995731	1.00136	1.00136	0.0103504	2.27158	2.27158	3.8551	3.94037	0.90855	1
cg14429012	0.0075656	0.451262	-2.21601	0.129352	1.46157	1.46157	0.662534	1.10705	1.10705	0.506143	1.16909	1.16909	5.07044	4.30704	0.755059	1
cg21395077	1.20E-05	0.388746	-2.57238	0.000840824	0.598746	-1.67016	4.64E-06	0.342062	-2.92344	0.0710855	0.813905	-1.22864	34.3274	5.67018	0.146826	1
cg13870199	0.351708	0.809373	-1.23552	0.144978	0.707922	-1.41259	0.014738	0.515638	-1.93935	0.663496	0.907913	-1.10143	5.41882	4.17929	0.685559	1
cg14163324	3.98E-06	0.183788	-5.44106	0.549257	0.908678	-1.1005	0.697259	0.940087	-1.06373	0.00503628	0.556401	-1.79727	22.69	8.97521	0.351607	1
cg13520026	0.0728753	0.36578	-2.73388	7.30E-06	144.27	144.27	0.0859553	0.385262	-2.59564	0.0225996	0.253489	-3.94495	16.2983	65.2232	3.55718	1
cg13727691	0.025006	0.38078	-2.62619	0.00442491	4.06448	4.06448	0.0239633	0.376949	-2.65288	0.261277	0.66016	-1.51479	14.7563	25.225	1.49576	1
cg14308424	0.0145663	0.209858	-4.76513	0.000162862	28.1708	28.1708	0.0228785	0.243483	-4.10706	0.00723487	0.165591	-6.03897	11.8143	50.3786	3.7904	1
cg21193888	0.0820316	1.33409	1.33409	0.0285054	1.47208	1.47208	0.0221648	1.50724	1.50724	0.559189	1.09238	1.09238	11.4292	4.05113	0.31507	1
cg00845368	0.0018973	0.463069	-2.15951	0.00595145	1.87596	1.87596	0.692333	1.07205	1.07205	0.38816	0.856656	-1.16733	8.56663	4.15177	0.430795	1
cg19305934	0.085133	0.256047	-3.90554	0.00298487	18.4578	18.4578	0.0489565	0.200082	-4.99796	0.0389988	0.180844	-5.52962	8.02858	65.1339	7.21133	1
cg00542880	0.20478	0.768155	-1.30182	0.377309	0.836454	-1.19552	0.916094	1.02099	1.02099	0.974036	0.993605	-1.00644	5.70958	3.51403	0.547078	1
cg14326009	0.210268	0.566685	-1.76465	0.575109	1.27588	1.27588	0.00423876	5.19028	5.19028	0.348814	0.660388	-1.51426	4.68151	13.7215	2.60534	1
cg14608626	0.0131854	0.631144	-1.58442	0.196592	0.815071	-1.22689	0.124419	0.77946	-1.28294	0.709924	0.94558	-1.05755	4.62156	1.64176	0.315768	1
cg21189611	0.0372981	4.80593	4.80593	0.00318924	13.6701	13.6701	0.0126157	7.49516	7.49516	0.275333	2.0898	2.0898	4.50184	30.0747	5.93826	1
cg17406248	0.0637783	3.84198	3.84198	0.00554875	10.5233	10.5233	0.0228948	5.80244	5.80244	0.0357199	4.84837	4.84837	4.15462	27.4525	5.87352	1
cg25910443	0.351683	0.729912	-1.37003	0.00650773	3.19505	3.19505	0.0273834	0.42432	-2.35671	0.492118	1.25756	1.25756	3.83443	6.55245	1.51897	1
cg13761321	0.0647597	0.570947	-1.75148	0.249656	0.722479	-1.38412	0.0412374	0.529292	-1.88932	0.135049	1.54541	1.54541	3.69748	3.79996	1.02772	1
cg19318511	0.0314586	1.35437	1.35437	0.194301	1.17949	1.17949	0.512061	0.92317	-1.08322	0.76271	1.03707	1.03707	25.0418	5.7321	0.203468	1
cg14475840	0.149319	1.82184	1.82184	0.538149	0.785199	-1.27356	0.02874	2.72034	2.72034	0.957438	0.979508	-1.02092	3.61362	8.61374	2.11883	1
cg14498394	0.0400819	0.744095	-1.34391	0.00083304	0.534356	-1.87141	2.82E-05	0.358281	-2.79111	0.000900996	0.538496	-1.85702	17.5658	4.31882	0.218547	1
cg13982446	?	?	?	0.0110618	1.50334	1.50334	0.00772592	1.55599	1.55599	0.00471557	1.63537	1.63537	14.6514	1.68971	0.138393	1
cg20355301	0.86631	1.077	1.077	0.402088	0.685553	-1.45868	0.039564	2.85186	2.85186	0.724565	1.16853	1.16853	4.72165	14.4933	2.72847	1
cg11750183	0.0122827	0.703317	-1.42183	0.0334404	0.755446	-1.32372	0.020899	0.73075	-1.36846	0.000909628	1.75031	1.75031	7.79603	1.57249	0.179293	1
cg14538930	0.248264	0.691316	-1.44652	0.317421	0.728995	-1.37175	0.00488316	0.319477	-3.13011	0.0189419	0.419305	-2.3849	4.83611	7.16501	1.31694	1
cg14104635	0.0218111	0.562031	-1.77926	0.576245	1.12546	1.12546	0.0369478	1.66062	1.66062	0.209997	1.31856	1.31856	4.56978	3.17124	0.616852	1
cg14065121	0.290451	1.15844	1.15844	0.000455522	0.476949	-2.09666	0.963827	0.993939	-1.0061	0.839925	1.02748	1.02748	4.66624	1.32816	0.253006	1
cg21221054	0.728285	1.15186	1.15186	0.0347863	0.368841	-2.71119	0.0382515	0.377781	-2.64704	0.0290214	0.352328	-2.83826	4.26134	11.0897	2.31324	1
cg03222672	0.304688	0.663385	-1.50742	0.0296839	2.68632	2.68632	0.616957	1.21494	1.21494	0.277023	0.646289	-1.54729	5.01073	11.8299	2.09859	1
cg14059830	0.569572	1.20787	1.20787	0.205897	1.55034	1.55034	0.999661	0.999861	-1.00014	0.737197	1.11703	1.11703	3.7659	6.44029	1.52014	1
cg21489873	0.528587	1.09115	1.09115	0.0176232	1.48372	1.48372	0.0670615	0.755432	-1.32375	0.711443	0.950497	-1.05208	3.70156	1.09455	0.262844	1
cg01036173	0.725231	1.0524	1.0524	0.322589	1.15938	1.15938	0.0665588	1.34684	1.34684	0.197582	1.2179	1.2179	3.99955	1.32696	0.294912	1
cg13503773	0.587463	1.16722	1.16722	0.0211217	2.18746	2.18746	0.836483	0.94333	-1.06007	0.888734	0.961255	-1.04031	5.97503	7.54053	1.12178	1
cg13575422	0.317822	1.29003	1.29003	0.0108437	2.20138	2.20138	0.625684	1.12891	1.12891	0.0197007	0.499202	-2.0032	6.51553	6.27703	0.856352	1
cg13464876	0.623969	1.14017	1.14017	0.000125551	0.169756	-5.89081	0.113357	1.57999	1.57999	0.296761	1.33269	1.33269	7.34549	8.19951	0.992236	1
cg13535736	0.22207	0.534838	-1.86972	0.00589022	0.172533	-5.79599	0.0490407	2.9915	2.9915	0.102406	0.418292	-2.39067	3.96178	14.9206	3.34766	1
cg00553107	0.0801443	0.746647	-1.33932	0.0584242	1.37962	1.37962	0.527619	1.1011	1.1011	0.0395273	0.698843	-1.43094	5.74218	2.0597	0.318842	1
cg10640119	0.0669852	1.53273	1.53273	0.214797	0.762161	-1.31206	0.0592404	0.642139	-1.55729	0.54446	1.13608	1.13608	5.00522	3.42908	0.608979	1
cg13405887	0.0478983	0.699661	-1.42926	0.000423858	0.414085	-2.41496	0.241672	0.824047	-1.21352	0.5979	1.08768	1.08768	4.90382	1.93674	0.351063	1
cg13723983	0.627832	0.865202	-1.1558	0.641295	0.870169	-1.1492	0.00126234	0.247837	-4.03491	0.487601	0.811377	-1.23247	4.2199	5.87128	1.23674	1
cg14215338	0.0302618	0.12834	-7.79183	0.434499	0.525877	-1.90158	0.318512	0.435643	-2.29545	0.114102	0.250253	-3.99595	3.95181	40.6553	9.14468	1
cg02514559	0.000205993	0.0966457	-10.3471	0.00036894	0.1173	-8.52514	0.0356573	0.398905	-2.50686	0.00427794	0.237774	-4.20567	12.7994	28.6381	1.98886	1
cg01920129	0.0404792	0.531094	-1.88291	0.163348	0.671752	-1.48865	0.240511	1.38907	1.38907	0.109974	0.627555	-1.59348	4.44328	5.03308	1.00688	1
cg13912673	0.00422194	0.174255	-5.73873	0.000742432	0.0967137	-10.3398	0.0119418	0.239135	-4.18174	0.0455678	0.351443	-2.84542	11.6724	38.4575	2.92867	1
cg02654291	0.00698471	0.429569	-2.32791	0.0137983	0.478485	-2.08993	0.0436351	0.570202	-1.75376	0.366552	1.25189	1.25189	5.54662	5.15229	0.825694	1
cg01614478	0.0289101	0.532002	-1.87969	0.319007	0.776996	-1.28701	0.295281	0.766499	-1.30463	0.387422	0.804889	-1.24241	3.4212	3.25253	0.845066	1
cg09847839	0.000106578	0.132991	-7.51932	1.83E-06	0.0301168	-33.2041	0.00256466	0.291207	-3.43398	0.863541	0.950517	-1.05206	24.8712	34.2832	1.22527	1
cg13703912	0.0298612	0.470572	-2.12507	0.332463	0.74461	-1.34298	0.0645134	1.84509	1.84509	0.429017	1.26888	1.26888	4.70638	6.48463	1.22474	1
cg13470032	0.360155	0.72679	-1.37591	0.264599	0.67408	-1.4835	0.000125528	9.63991	9.63991	0.919516	1.03488	1.03488	10.1675	18.5282	1.61982	1
cg13666340	0.0346943	1.73688	1.73688	0.0251204	0.550283	-1.81725	0.689016	0.913746	-1.0944	0.113353	1.47159	1.47159	7.07532	5.6342	0.707838	1
cg21167956	0.366682	1.13527	1.13527	0.00114196	1.92397	1.92397	0.402823	1.12426	1.12426	0.525667	0.915781	-1.09196	3.97013	1.17681	0.263481	1
cg14514600	0.0116781	1.78044	1.78044	0.538855	0.892348	-1.12064	0.490504	1.13679	1.13679	0.553455	1.11598	1.11598	6.5159	3.45807	0.471744	1
cg14480858	0.11922	1.35443	1.35443	0.00149658	0.43985	-2.2735	0.328796	0.834569	-1.19822	0.886274	0.97465	-1.02601	4.54236	2.31594	0.453204	1
cg13696752	3.34E-05	5.86993	5.86993	0.994523	1.00151	1.00151	3.41E-05	5.83873	5.83873	0.0111273	0.496622	-2.0136	27.5422	21.0973	0.680889	1
cg04630810	0.00710755	1.55314	1.55314	0.000683696	0.518478	-1.92872	0.0367157	1.35972	1.35972	0.366068	1.12477	1.12477	27.1144	6.88405	0.225679	1
cg27204993	0.0085658	3.42408	3.42408	0.106071	0.523197	-1.91133	0.00258009	4.63294	4.63294	0.0469297	0.433995	-2.30417	7.31688	15.6086	1.89621	1
cg14519950	0.0189118	1.52079	1.52079	0.202248	0.819916	-1.21964	0.00198464	1.9044	1.9044	0.687994	0.942204	-1.06134	7.07118	2.43566	0.306177	1
cg13763482	0.0837127	2.90652	2.90652	0.0525491	0.292685	-3.41664	0.170854	2.25436	2.25436	0.111328	0.380296	-2.62953	5.15699	25.3779	4.37428	1
cg13517605	0.00303669	0.321071	-3.11458	0.00412114	0.340864	-2.93372	0.939799	1.02135	1.02135	0.0293462	0.487752	-2.05022	5.57691	6.91152	1.10161	1
cg19539824	0.0477357	1.18972	1.18972	0.0647189	0.852823	-1.17258	0.209682	1.10678	1.10678	0.0699963	1.16819	1.16819	3.79929	0.354309	0.0828947	1
cg25018881	0.0213666	0.400093	-2.49942	9.09E-05	0.098557	-10.1464	0.135684	0.58706	-1.7034	0.00394872	0.276867	-3.61185	11.3301	19.6872	1.54454	1
cg14082422	0.0324427	0.532581	-1.87765	0.00103334	0.294347	-3.39736	0.00706547	0.416469	-2.40114	0.0965069	0.631834	-1.58269	10.5622	10.5902	0.891244	1
cg11953824	0.120519	0.297937	-3.35641	0.00809208	0.0872887	-11.4562	0.00624881	0.0771158	-12.9675	0.0616929	0.220188	-4.54158	3.85228	31.5461	7.27906	1
cg12737869	0.0379452	1.34032	1.34032	0.228716	0.857478	-1.16621	0.170951	1.19417	1.19417	0.000636734	1.89362	1.89362	4.41451	1.03582	0.20857	1
cg07394266	0.0271471	0.545315	-1.8338	0.000157126	0.22324	-4.47949	0.000320513	0.259186	-3.85824	0.564562	1.14458	1.14458	10.0708	8.57506	0.756869	1
cg14363787	0.00995028	1.39628	1.39628	0.291383	0.893809	-1.11881	0.75926	1.03202	1.03202	0.133725	1.18039	1.18039	5.49344	0.914785	0.148021	1
cg23074747	0.00580821	0.425579	-2.34974	0.0352997	0.56009	-1.78543	0.213001	1.3636	1.3636	0.130582	1.47117	1.47117	11.0244	9.76267	0.787158	1
cg15859299	3.38E-06	0.0659997	-15.1516	0.154882	1.45912	1.45912	0.403846	1.23614	1.23614	0.929531	1.02219	1.02219	17.8518	17.4138	0.867081	1
cg14144201	0.000161007	0.382456	-2.61468	0.00989084	0.615008	-1.626	0.00653933	0.590403	-1.69376	0.0617523	1.36861	1.36861	12.5436	4.41921	0.313163	1
cg00486101	0.505863	1.11381	1.11381	0.111044	0.7579	-1.31943	0.819284	1.03722	1.03722	0.677048	0.935308	-1.06917	3.54004	1.42947	0.358934	1
cg22068044	0.112668	1.21001	1.21001	0.00213171	0.621	-1.61031	0.691367	0.956905	-1.04504	0.0979179	0.818377	-1.22193	3.47177	0.670086	0.171564	1
cg02802055	0.000375782	0.413826	-2.41647	0.736618	1.05378	1.05378	0.735463	1.05403	1.05403	0.00880312	0.595933	-1.67804	12.1761	4.64361	0.338997	1
cg14331104	0.0203008	1.48878	1.48878	3.42E-07	0.122503	-8.16308	0.00033162	0.438655	-2.27969	0.0244083	0.682867	-1.46441	47.0132	15.0631	0.284801	1
cg27495908	0.0508463	0.693652	-1.44164	0.0340988	1.50172	1.50172	0.00680834	0.561869	-1.77978	0.503767	1.11802	1.11802	7.09264	3.03691	0.380602	1
cg10570177	6.42E-08	0.0238546	-41.9207	0.262879	0.7879	-1.2692	0.000700077	2.87366	2.87366	0.318664	1.23427	1.23427	51.0377	33.712	0.587139	1
cg08004162	0.394457	1.11307	1.11307	0.017025	0.69955	-1.42949	0.315222	1.13603	1.13603	0.0098633	1.49259	1.49259	5.09931	1.21813	0.212339	1
cg13802527	6.78E-05	0.180227	-5.54857	9.14E-06	0.104847	-9.53769	0.000187395	0.227345	-4.39859	0.00114139	0.324928	-3.0776	32.4711	28.399	0.777416	1
cg02294108	0.736261	1.03219	1.03219	0.00803991	1.37475	1.37475	0.0541223	1.22738	1.22738	0.902091	0.988531	-1.0116	13.0401	1.81447	0.123684	1
cg16295988	0.171017	0.889996	-1.1236	0.00804033	1.31189	1.31189	0.108762	1.1501	1.1501	0.00827038	1.30994	1.30994	4.13934	0.419048	0.0899871	1
cg13834913	0.0258265	1.4491	1.4491	0.150895	0.805924	-1.24081	0.501343	1.10038	1.10038	0.366914	0.878168	-1.13873	4.0261	1.25271	0.276575	1
cg14564021	0.00703415	1.54057	1.54057	0.511199	1.08616	1.08616	0.718018	1.046	1.046	0.143454	1.2153	1.2153	5.07605	1.23669	0.216563	1
cg25106814	0.167998	0.700982	-1.42657	0.437142	0.825589	-1.21126	0.80305	1.06229	1.06229	0.311406	1.28817	1.28817	3.80881	3.52672	0.823055	1
cg01822570	0.785513	0.958464	-1.04334	0.0591867	1.39278	1.39278	0.0208512	0.648879	-1.54112	0.28398	0.841048	-1.18899	4.01952	1.53974	0.340501	1
cg13986117	0.463378	0.823615	-1.21416	0.00512818	2.61496	2.61496	0.14462	1.50286	1.50286	0.560457	1.16538	1.16538	5.70204	6.10401	0.951551	1
cg07476130	0.439954	0.936157	-1.0682	0.0119124	0.768831	-1.30068	0.330427	0.919319	-1.08776	0.597588	0.95636	-1.04563	4.63018	0.514511	0.0987743	1
cg01167496	0.0362518	0.865704	-1.15513	0.463603	0.956777	-1.04518	0.00632855	1.23437	1.23437	0.21052	0.924827	-1.08128	5.73671	0.318731	0.0493865	1
cg20684615	2.06E-05	0.334968	-2.98536	0.043087	1.34453	1.34453	0.00113289	0.543778	-1.83899	0.028065	0.718918	-1.39098	29.7213	7.6159	0.227772	1
cg14224203	0.879342	0.937619	-1.06653	0.000157699	15.4989	15.4989	0.0581521	2.47922	2.47922	0.00929944	4.05176	4.05176	9.4616	26.9427	2.53119	1
cg13807668	0.001054	0.383848	-2.6052	0.275318	0.799094	-1.25142	0.183476	1.32165	1.32165	0.855743	0.964677	-1.03662	9.36375	5.79141	0.549771	1
cg12986501	0.472946	0.815134	-1.22679	0.00129774	0.269282	-3.71357	0.196703	1.46552	1.46552	0.469517	1.22881	1.22881	5.64605	7.01135	1.10383	1
cg04912438	0.110752	0.76495	-1.30727	0.0518516	1.40656	1.40656	0.29988	0.847338	-1.18017	0.509408	0.90195	-1.10871	5.34707	2.01344	0.334711	1
cg21163944	0.0384655	0.340132	-2.94003	0.0254883	0.303036	-3.29994	0.406478	1.46508	1.46508	0.354873	0.65179	-1.53424	5.09677	16.326	2.8473	1
cg15032615	0.935584	1.04296	1.04296	0.00202543	9.63083	9.63083	0.234825	1.91155	1.91155	0.0223407	4.15532	4.15532	4.53999	19.4662	3.81131	1
cg00234608	0.560739	0.91028	-1.09856	0.000829255	0.447368	-2.2353	0.360202	0.860427	-1.16221	0.0262618	1.52387	1.52387	7.0121	2.83614	0.359523	1
cg02772733	0.127489	1.39593	1.39593	0.856717	0.96408	-1.03726	0.865271	1.03497	1.03497	0.0164084	1.81055	1.81055	6.306	4.09147	0.57673	1
cg21925493	0.0139509	1.81068	1.81068	0.000607667	0.355928	-2.80955	0.133533	1.37218	1.37218	0.0469243	1.56	1.56	7.06001	4.27405	0.538123	1
cg09547190	0.0373801	1.69331	1.69331	0.936936	1.0174	1.0174	0.0610086	1.58461	1.58461	0.517566	0.866723	-1.15377	6.03791	4.54542	0.669168	1
cg13633754	0.0874193	0.797671	-1.25365	0.00450385	0.635339	-1.57396	0.760072	0.96397	-1.03738	0.903203	1.01468	1.01468	5.72491	1.30133	0.202054	1
cg14283140	0.322266	1.26175	1.26175	0.612285	0.890286	-1.12323	0.0526251	0.60593	-1.65036	0.422425	0.830003	-1.20482	3.45019	2.82523	0.727876	1
cg18521771	0.000470494	0.510062	-1.96055	0.00677805	0.650583	-1.53708	4.29E-05	0.385846	-2.59171	0.0021322	0.589382	-1.69669	19.4556	4.62443	0.211281	1
cg13676817	0.376304	1.21999	1.21999	0.0578785	1.59933	1.59933	0.594436	0.888972	-1.12489	9.52E-06	0.123637	-8.08819	13.9707	10.6126	0.675229	1
cg13808160	0.0141181	0.377659	-2.64789	0.172415	0.626958	-1.595	0.136561	0.597133	-1.67467	0.00469613	0.298807	-3.34664	6.04401	9.89284	1.45493	1
cg13907406	0.326366	0.853745	-1.17131	0.403515	1.1427	1.1427	0.493866	1.11452	1.11452	0.105679	0.758963	-1.31759	5.62634	2.16985	0.342808	1
cg13849727	0.280379	0.809709	-1.23501	0.00256034	2.19657	2.19657	0.753592	1.06103	1.06103	0.078534	0.692404	-1.44424	4.4496	2.49377	0.498176	1
cg14080542	0.492146	1.07654	1.07654	0.00174407	0.623857	-1.60293	0.199484	1.15408	1.15408	0.601991	1.0572	1.0572	3.81879	0.675901	0.157328	1
cg17511416	0.0711023	0.811302	-1.23259	0.000244313	0.533207	-1.87544	0.068302	1.23579	1.23579	0.306379	1.1161	1.1161	8.5703	1.46025	0.151453	1
cg22244122	0.0175708	0.575729	-1.73693	0.000243259	0.313721	-3.18754	0.963532	0.991301	-1.00877	0.00285278	0.45633	-2.1914	13.989	8.08963	0.514033	1
cg13393512	0.00246258	0.372936	-2.68142	0.00312461	0.388081	-2.57678	0.114024	0.668521	-1.49584	0.00594296	0.430589	-2.3224	9.80997	8.52375	0.772344	1
cg13544012	0.0212294	0.33394	-2.99455	0.0190011	0.324801	-3.0788	0.0581349	0.428269	-2.33498	0.0526433	0.417942	-2.39268	7.26955	18.0546	2.20764	1
cg14000282	0.420896	0.629596	-1.58832	0.835668	1.12398	1.12398	0.835619	0.889661	-1.12402	0.109865	0.37506	-2.66624	6.66505	33.4222	4.45738	1
cg14075203	0.0287008	0.500013	-1.99995	0.893881	0.964786	-1.0365	0.762155	1.08495	1.08495	0.616814	0.873274	-1.14512	6.42171	7.33793	1.01571	1
cg13811630	0.046634	0.538111	-1.85835	0.00222353	0.31177	-3.20749	0.0415508	0.527722	-1.89494	0.0375806	0.518837	-1.92739	6.41901	7.52103	1.04149	1
cg14082075	0.256739	0.649829	-1.53887	0.0321329	0.400927	-2.49422	0.0247507	0.377792	-2.64696	0.0256947	0.381035	-2.62443	5.86773	12.3227	1.86674	1
cg13667150	0.0992187	0.501643	-1.99345	0.0726021	0.465515	-2.14816	0.0402037	0.404604	-2.47155	0.988518	0.994522	-1.00551	4.07625	9.40651	2.05123	1
cg13869648	0.0148687	0.37069	-2.69767	0.000687426	0.179589	-5.56828	0.155417	0.604369	-1.65462	0.0235424	0.408235	-2.44957	7.68785	13.3606	1.54479	1
cg03382797	0.126442	0.612787	-1.63189	0.0181346	0.427435	-2.33954	0.994088	1.0022	1.0022	0.0962564	0.582158	-1.71775	3.92618	5.45617	1.23528	1
cg22257574	0.015715	0.699172	-1.43026	0.431815	1.10184	1.10184	0.000202769	0.470842	-2.12385	0.0305138	1.35975	1.35975	13.3854	3.09764	0.205706	1
cg06598197	0.000140474	2.46645	2.46645	3.29E-06	4.52628	4.52628	0.0004397	2.14389	2.14389	0.0158712	1.50044	1.50044	23.0543	6.88839	0.265591	1
cg07111868	0.736585	0.953382	-1.0489	0.0362089	0.708647	-1.41114	0.308659	0.861577	-1.16066	0.0181907	1.49999	1.49999	4.15708	1.31645	0.28149	1
cg17326372	0.492887	1.16359	1.16359	0.0291287	1.74961	1.74961	0.765908	1.06712	1.06712	0.167435	0.726043	-1.37733	4.08265	3.06053	0.666349	1
cg25063515	0.191962	1.73169	1.73169	0.001487	6.18246	6.18246	0.0103597	3.61002	3.61002	0.901545	0.951989	-1.05043	4.04552	10.126	2.22491	1
cg12691739	0.207799	0.482341	-2.07322	0.0867103	0.353936	-2.82537	0.912878	1.06192	1.06192	0.0257815	0.233777	-4.27758	3.98408	19.0146	4.24236	1
cg11144436	0.63866	1.11773	1.11773	0.00477142	2.41488	2.41488	0.158139	1.42628	1.42628	0.382027	1.23488	1.23488	3.61317	3.1688	0.779568	1
cg25499121	0.543414	0.90408	-1.1061	0.0108796	1.68906	1.68906	0.0347088	1.49723	1.49723	0.810067	1.04026	1.04026	3.48041	1.48158	0.378393	1
cg22702328	0.368739	0.883418	-1.13197	0.418653	0.894972	-1.11735	0.250311	1.17504	1.17504	0.0879112	1.28774	1.28774	5.82812	1.66414	0.253809	1
cg08947167	0.318025	1.15836	1.15836	0.00950135	1.59679	1.59679	0.353966	1.1455	1.1455	0.036516	0.707394	-1.41364	5.63457	1.81053	0.285622	1
cg14606164	0.0153626	0.717781	-1.39318	0.398	0.90805	-1.10126	0.526713	1.07411	1.07411	0.677974	0.954524	-1.04764	3.52197	0.692988	0.174899	1
cg05071334	0.00669386	0.573261	-1.74441	0.000115012	0.342993	-2.91551	0.216063	0.813881	-1.22868	2.16E-05	0.258832	-3.86351	25.2721	10.0156	0.352277	1
cg22625576	0.471705	0.94013	-1.06368	0.000122201	1.76034	1.76034	0.321762	0.917298	-1.09016	0.0443462	0.823027	-1.21503	10.4223	1.17388	0.100117	1
cg04902930	0.0536094	0.746599	-1.33941	0.502353	1.09502	1.09502	0.182463	1.20762	1.20762	0.0801929	0.771986	-1.29536	6.61703	1.86295	0.250257	1
cg07129273	0.668003	0.950492	-1.05209	0.00157952	0.586294	-1.70563	0.156233	0.836528	-1.19542	0.606978	1.06296	1.06296	3.68061	0.807281	0.194963	1
cg06906980	0.21544	0.745117	-1.34207	0.00959472	0.477131	-2.09586	0.0353577	1.73834	1.73834	0.0102997	2.07407	2.07407	5.4346	4.38271	0.71684	1
cg12047752	0.000297574	0.209392	-4.77572	0.000419989	0.226577	-4.41352	0.027597	0.500708	-1.99717	0.0145909	0.449899	-2.22272	13.2625	14.8112	0.992687	1
cg17694593	0.395938	0.85672	-1.16724	0.0374965	0.650911	-1.53631	0.30634	1.20731	1.20731	0.00382113	0.499701	-2.0012	8.89116	4.45584	0.44547	1
cg25142416	0.0154937	0.444719	-2.24861	0.263174	0.727376	-1.37481	0.303791	1.33727	1.33727	0.0335295	0.507799	-1.96928	6.77699	7.99217	1.04827	1
cg26925025	0.15057	0.710235	-1.40798	0.637453	0.899952	-1.11117	0.137014	0.700682	-1.42718	0.0257273	0.555305	-1.80081	5.97889	4.66971	0.694251	1
cg18803896	0.0386109	0.68549	-1.45881	0.0166404	1.58552	1.58552	0.491423	0.895691	-1.11646	0.0269248	0.661626	-1.51143	15.7112	6.18277	0.349801	1
cg03225502	0.0194249	0.305006	-3.27863	0.00186689	0.156552	-6.38766	0.0454259	0.381279	-2.62275	0.00304374	0.181605	-5.50646	10.2903	28.7772	2.48582	1
cg07078112	0.0133156	0.316916	-3.15541	0.029578	0.382933	-2.61142	0.468564	0.758553	-1.3183	0.011966	0.308836	-3.23797	8.67573	19.2936	1.97676	1
cg23200067	0.0286438	1.60494	1.60494	0.556552	1.11513	1.11513	0.240527	0.798379	-1.25254	0.00141704	0.428966	-2.33119	25.7441	13.6915	0.472737	1
cg23963118	0.378662	0.766156	-1.30522	0.470211	1.24192	1.24192	0.00335938	3.24373	3.24373	0.224186	1.45727	1.45727	6.23041	8.58218	1.22441	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg00316777	CA2	0.012187	0.690663	1.14142	1.14142	0.998222	0.999263	-1.00074
cg02393479	CA3	0.00285711	0.00506586	0.493341	-2.027	0.0347286	0.625417	-1.59893
cg12264626	CA3	0.00538098	0.0020695	0.16563	-6.03754	0.251898	1.64243	1.64243
cg24637974	CA3	0.0114911	0.584793	0.863789	-1.15769	0.202555	0.699755	-1.42907
cg22289837	CA3	0.0142928	0.003463	0.170325	-5.87113	0.0932759	2.27823	2.27823
cg13958215	CA3	0.022397	0.877485	0.953759	-1.04848	0.0169522	0.409122	-2.44426
cg13721134	CA3	0.0372641	0.0251379	0.183057	-5.46279	0.904837	0.926588	-1.07923
cg21172458	CA3	0.0396751	0.438024	0.774333	-1.29143	0.421977	1.30368	1.30368
cg21468939	CA4	1.32E-05	0.408843	1.1718	1.1718	3.58E-05	0.224106	-4.46218
cg05248618	CA4	0.00194208	0.0138239	0.560033	-1.78561	0.289186	1.23324	1.23324
cg04127232	CA4	0.0216495	0.974941	0.988668	-1.01146	0.257563	0.651358	-1.53526
cg00200645	CA4	0.0221094	0.103146	0.520936	-1.91962	0.82365	0.921599	-1.08507
cg23010302	CA4	0.0237819	0.89147	1.02006	1.02006	0.0106852	0.626978	-1.59495
cg22810790	CA4	0.0272276	0.0129802	2.59502	2.59502	0.0217928	2.34333	2.34333
cg02640691	CA5A	2.41E-07	4.01E-05	0.565116	-1.76955	8.97E-06	0.496677	-2.01338
cg05640992	CA5A	1.94E-05	1.58E-05	0.148902	-6.71581	0.300548	1.25757	1.25757
cg11667117	CA5A	0.000386885	0.165099	0.781518	-1.27956	0.0109947	1.70088	1.70088
cg09799938	CA5A	0.000519225	0.587606	0.910983	-1.09772	0.00489274	1.88703	1.88703
cg03571445	CA5A	0.00133893	0.072871	0.58023	-1.72345	0.469058	0.818402	-1.22189
cg07882302	CA5A	0.00157175	0.0424537	0.638063	-1.56724	0.00221203	0.438371	-2.28117
cg09001440	CA5A	0.00174905	0.00928097	0.518702	-1.92789	0.0488164	0.639278	-1.56427
cg02435043	CA5A	0.00284728	0.803275	0.924999	-1.08108	0.000338233	6.07553	6.07553
cg05282555	CA5A	0.00487814	0.00442061	0.236493	-4.22845	0.379548	1.40793	1.40793
cg08240571	CA5A	0.00506986	0.0696643	0.666485	-1.50041	0.00497039	0.475366	-2.10364
cg08950859	CA5A	0.00532987	0.801103	0.938126	-1.06595	0.0532131	0.573643	-1.74324
cg07327967	CA5A	0.00879406	0.297993	0.742572	-1.34667	0.0446627	0.529432	-1.88882
cg06896988	CA5A	0.0098507	0.00301634	0.344883	-2.89953	0.16969	0.681839	-1.46662
cg01145829	CA5A	0.0118379	0.0126425	0.148314	-6.74243	0.0148061	0.157875	-6.33411
cg09243454	CA5A	0.0118886	0.033136	0.317266	-3.15193	0.151177	2.03186	2.03186
cg10323962	CA5A	0.0128433	0.710581	0.851393	-1.17455	0.073888	0.423222	-2.36283
cg06745083	CA5A	0.0183223	0.030432	0.277503	-3.60357	0.141698	0.451017	-2.21721
cg04067157	CA5A	0.022913	0.449906	1.13128	1.13128	0.0845845	0.73667	-1.35746
cg27325224	CA5A	0.0299346	0.0425873	0.233441	-4.28374	0.0251744	0.190311	-5.25456
cg02672397	CA5A	0.0365346	0.0114674	0.325327	-3.07383	0.16979	1.6806	1.6806
cg02190618	CA5A	0.039715	0.366907	1.20168	1.20168	0.675971	1.08689	1.08689
cg06693575	CA5A	0.0408848	0.216116	0.600522	-1.66522	0.0626038	2.27251	2.27251
cg00096747	CA5A	0.0422565	0.694727	0.898949	-1.11241	0.0027148	3.06021	3.06021
cg01153186	CA5A	0.0433386	0.354428	0.799668	-1.25052	0.118716	0.672059	-1.48796
cg18391610	CA5B	3.81E-07	0.00406143	0.428093	-2.33594	0.0134182	1.96082	1.96082
cg02283106	CA5B	9.83E-06	0.660682	1.16354	1.16354	0.037027	2.29418	2.29418
cg05059994	CA5B	1.30E-05	0.0065385	0.504699	-1.98138	0.0928792	1.43021	1.43021
cg08195028	CA5B	2.03E-05	0.00610934	0.238905	-4.18576	0.0158908	3.25924	3.25924
cg22702707	CA5B	5.26E-05	0.42558	1.38058	1.38058	0.0365729	2.61935	2.61935
cg00931201	CA5B	7.92E-05	0.388969	1.52145	1.52145	0.0416838	3.05291	3.05291
cg18430208	CA5B	0.000182194	?	?	?	0.0132337	3.44291	3.44291
cg12386568	CA5B	0.000822884	0.887859	0.889708	-1.12396	0.0207803	10.7425	10.7425
cg12978205	CA5B	0.00149494	0.31382	1.67557	1.67557	0.0633107	2.81448	2.81448
cg25376316	CA5B	0.00200368	0.144471	0.472421	-2.11676	0.234094	1.81201	1.81201
cg25954223	CA5B	0.00579556	0.249537	0.328896	-3.04048	0.281842	2.81073	2.81073
cg05532403	CA5B	0.017116	0.170457	0.373805	-2.67519	0.125274	3.06015	3.06015
cg00221961	CA5B	0.0239236	0.0107343	0.335442	-2.98114	0.152395	0.59316	-1.68589
cg06037923	CA5BP	0.00766353	0.0175139	0.768276	-1.30161	0.000294915	0.584196	-1.71175
cg16431191	CA5BP	0.0171489	0.0012146	0.0440462	-22.7035	0.915313	1.07265	1.07265
cg25919221	CA6	0.000543721	0.0143874	0.488512	-2.04703	0.00474083	0.410363	-2.43687
cg09363991	CA6	0.00168268	0.00151855	0.448046	-2.23191	0.971236	1.00636	1.00636
cg24052039	CA6	0.00259614	0.0127262	0.461195	-2.16828	0.0041181	0.38213	-2.61691
cg04785083	CA6	0.00321447	0.0796559	0.696255	-1.43626	0.386623	1.1796	1.1796
cg07601804	CA6	0.00556306	0.790209	1.06676	1.06676	0.00234977	2.79772	2.79772
cg05703096	CA7;CA7	0.00500636	0.0444598	0.545511	-1.83314	0.837069	1.05556	1.05556
cg10373196	CA7;CA7	0.00648225	0.904551	0.981498	-1.01885	0.131706	1.28829	1.28829
cg10026203	CA7;CA7	0.0114292	0.611052	0.891953	-1.12114	0.00857533	0.473547	-2.11172
cg06178179	CA7;CA7	0.0181713	0.0328901	0.535581	-1.86713	0.553528	1.1618	1.1618
cg27078786	CA7;CA7	0.0207151	0.764526	1.1323	1.1323	0.024168	0.328956	-3.03992
cg11258532	CA7;CA7	0.0228219	0.774262	1.05637	1.05637	0.0228021	1.68138	1.68138
cg07095264	CA7;CA7	0.0317743	0.195154	2.649	2.649	0.130493	0.307951	-3.24727
cg03469521	CA7;CA7	0.0417902	0.0878442	1.9929	1.9929	0.290768	1.49377	1.49377
cg16303453	CA7;CA7;CA7	0.0113582	0.794369	1.04837	1.04837	0.268961	0.812042	-1.23146
cg05552717	CA7;CA7;CA7	0.0232002	0.184777	1.17702	1.17702	0.0595757	1.27938	1.27938
cg08623062	CA8	4.40E-05	0.155007	0.873737	-1.14451	1.16E-06	3.0566	3.0566
cg08919494	CA8	0.00586748	0.0643272	1.27761	1.27761	0.930748	1.0103	1.0103
cg21633026	CA8	0.0103599	0.285089	0.79979	-1.25033	0.0167333	1.79971	1.79971
cg15711016	CA8	0.0127347	0.00116853	0.354745	-2.81892	0.890792	1.03032	1.03032
cg20910102	CA8	0.0276247	0.366396	1.33048	1.33048	0.0511975	1.98025	1.98025
cg16288617	CA8	0.0294043	0.497317	0.880778	-1.13536	0.0155279	0.578788	-1.72775
cg13849253	CA9	0.000214665	0.928344	1.01569	1.01569	0.00202071	2.12469	2.12469
cg06908460	CA9	0.000554141	0.717377	1.07124	1.07124	0.00158823	2.35875	2.35875
cg09566069	CA9	0.032096	0.444403	0.741878	-1.34793	0.677165	1.1739	1.1739
cg06852824	CAB39;CAB39;CAB39	7.16E-05	0.611877	0.873259	-1.14514	0.0416239	0.536802	-1.86288
cg10601057	CAB39;CAB39;CAB39	0.000273702	0.00095345	0.454789	-2.19882	0.959435	0.991893	-1.00817
cg06874144	CAB39;CAB39;CAB39	0.00810222	0.0166359	0.380156	-2.6305	0.358847	0.731936	-1.36624
cg01413054	CAB39;CAB39;CAB39	0.00826135	0.00653314	0.231026	-4.32853	0.972907	0.986017	-1.01418
cg21039723	CAB39;CAB39;CAB39	0.0123943	0.0889985	0.420289	-2.37931	0.0130264	4.15243	4.15243
cg10560317	CAB39;CAB39;CAB39	0.0188359	0.0069839	0.538391	-1.85739	0.197529	0.785271	-1.27345
cg15442058	CAB39;CAB39;CAB39	0.0267099	0.168073	0.515879	-1.93844	0.266032	0.593226	-1.6857
cg04089197	CAB39;CAB39;CAB39	0.0339274	0.980628	0.997027	-1.00298	0.0494168	0.759587	-1.31651
cg20724690	CAB39;CAB39;CAB39	0.0351234	0.0541389	2.19259	2.19259	0.111558	1.86363	1.86363
cg25122433	CAB39;CAB39;CAB39	0.0391699	0.00714501	0.443806	-2.25324	0.879178	1.03621	1.03621
cg14704078	CAB39L;CAB39L	5.13E-05	0.0744342	0.617558	-1.61928	0.000575404	0.274681	-3.64058
cg04874511	CAB39L;CAB39L	0.00503651	0.0731532	1.45599	1.45599	0.000186438	0.30547	-3.27365
cg21218957	CAB39L;CAB39L	0.0116815	0.0099172	0.368651	-2.71259	0.283904	0.711039	-1.40639
cg23539701	CAB39L;CAB39L	0.0163416	0.0577119	0.544484	-1.8366	0.00124396	0.262777	-3.80551
cg01427300	CAB39L;CAB39L	0.0269311	0.161167	1.64636	1.64636	0.142154	1.69169	1.69169
cg18393014	CAB39L;SETDB2	0.00125576	0.891463	0.9838	-1.01647	0.620755	0.942078	-1.06148
cg00919994	CAB39L;SETDB2	0.0168103	0.604902	1.24667	1.24667	0.0798919	0.440019	-2.27263
cg25756590	CAB39L;SETDB2	0.0354214	0.0523356	0.718261	-1.39225	0.833971	0.969014	-1.03198
cg11731939	CABC1	4.31E-05	9.46E-06	0.478667	-2.08914	0.0566619	0.846711	-1.18104
cg13088465	CABC1	0.00120874	0.032946	0.666132	-1.5012	0.000192498	2.78058	2.78058
cg13689831	CABC1	0.00256915	0.0109203	2.76222	2.76222	0.000104627	8.85138	8.85138
cg07823920	CABC1	0.00272546	0.000445074	0.232004	-4.31028	0.265605	1.35774	1.35774
cg00458793	CABC1	0.00287722	0.0030004	0.30232	-3.30776	0.826465	0.9375	-1.06667
cg01056590	CABC1	0.00311481	0.351581	1.11268	1.11268	0.477482	0.922708	-1.08377
cg07573715	CABC1	0.0184576	0.0358092	0.618292	-1.61736	0.28894	0.805178	-1.24196
cg07835094	CABC1	0.0383328	0.0036878	0.308854	-3.23778	0.047059	1.97456	1.97456
cg10399369	CABC1;CABC1	0.0201429	0.635896	1.29502	1.29502	0.661894	0.787784	-1.26938
cg04844120	CABIN1	4.66E-05	0.0304516	1.54519	1.54519	0.120346	1.3341	1.3341
cg03635685	CABIN1	0.0034868	0.000187707	0.178561	-5.60031	0.0983978	0.609263	-1.64133
cg03340889	CABIN1	0.00858968	0.0475198	2.04886	2.04886	0.980075	0.992819	-1.00723
ch.22.217069R	CABIN1	0.0149659	0.00625313	0.19783	-5.05485	0.0493449	0.360549	-2.77355
cg07336442	CABIN1	0.0340788	0.12096	0.719622	-1.38962	0.274966	1.24887	1.24887
cg12198042	CABIN1	0.0360402	0.260853	0.802568	-1.246	0.92342	1.0182	1.0182
cg19307232	CABIN1	0.0472649	0.0530796	0.571038	-1.7512	0.630412	0.883747	-1.13155
cg22158648	CABLES1	0.0105553	0.0239028	0.299043	-3.344	0.00233178	0.148988	-6.71195
cg06340447	CABLES1;CABLES1	0.00460597	0.924061	0.976831	-1.02372	0.0606097	0.594426	-1.6823
cg05384868	CABLES1;CABLES1	0.00906462	0.0179232	0.367353	-2.72217	0.175021	1.65221	1.65221
cg17143518	CABLES1;CABLES1	0.027195	0.322361	0.915819	-1.09192	0.101397	0.857028	-1.16682
cg18519927	CABLES1;CABLES1	0.0312955	0.280838	1.48195	1.48195	0.0649426	0.478897	-2.08813
cg06230674	CABLES1;CABLES1	0.039639	0.270584	0.708222	-1.41199	0.00082567	0.219834	-4.54889
cg13495850	CABLES1;CABLES1	0.0485815	0.00626567	0.255918	-3.9075	0.186367	0.58506	-1.70923
cg07716322	CABLES1;CABLES1;CABLES1	0.00251164	0.0230771	0.358123	-2.79233	0.00112241	0.163199	-6.12749
cg13313047	CABLES1;CABLES1;CABLES1	0.0193006	0.118064	0.416416	-2.40145	0.0012828	0.0886289	-11.283
cg18793086	CABLES1;CABLES1;CABLES1	0.0373997	0.0691185	0.396004	-2.52523	0.123725	0.467963	-2.13692
cg26136497	CABLES1;CABLES1;CABLES1	0.0390286	0.054025	0.378919	-2.63909	0.0146697	0.26364	-3.79306
cg17905132	CABLES2	9.26E-07	0.000421821	0.876857	-1.14044	0.000518264	0.880424	-1.13582
cg15674680	CABLES2	1.42E-05	0.00757948	1.20456	1.20456	0.0238395	1.15735	1.15735
cg22541963	CABLES2	0.000787189	0.0634674	0.842146	-1.18744	0.0665155	0.844173	-1.18459
cg11087660	CABLES2	0.000849748	0.00589497	0.346474	-2.88622	0.00200245	0.277171	-3.60788
cg22633769	CABLES2	0.00206145	0.693846	0.939383	-1.06453	0.283378	1.19264	1.19264
cg01810347	CABLES2	0.00392323	0.000198334	0.427506	-2.33915	0.509815	0.913122	-1.09514
cg08964912	CABLES2	0.0051409	0.0430995	0.790844	-1.26447	0.0374755	0.783945	-1.2756
cg17484976	CABLES2	0.00549436	0.0300095	0.731347	-1.36734	0.0244101	1.38918	1.38918
cg22451887	CABLES2	0.0157348	0.0211469	0.622176	-1.60726	0.0383872	0.663188	-1.50787
cg20646120	CABLES2	0.0269719	0.17127	0.629766	-1.58789	0.0413267	2.11079	2.11079
cg21589173	CABP1;CABP1;CABP1	0.0225269	0.0106373	3.21697	3.21697	0.0020379	4.86443	4.86443
cg17212502	CABP1;CABP1;CABP1	0.0272254	0.0215294	0.39551	-2.52838	0.293403	0.693374	-1.44222
cg18477009	CABP1;CABP1;CABP1	0.0374815	0.210723	0.658232	-1.51922	0.00128458	0.225763	-4.42942
cg25969992	CABP1;CABP1;CABP1;CABP1;CABP1	0.00954136	0.0346917	0.538852	-1.8558	0.042402	0.556006	-1.79854
cg19500979	CABP2;CABP2	0.000706293	0.0226261	1.80647	1.80647	0.00151636	0.371717	-2.69022
cg19486507	CABP2;CABP2	0.0020633	0.801925	1.05872	1.05872	0.565115	1.14114	1.14114
cg03564748	CABP2;CABP2	0.00306329	0.886828	1.05838	1.05838	0.000423319	0.108071	-9.2532
cg07612416	CABP2;CABP2	0.0136174	0.0519603	0.709863	-1.40872	0.93377	0.987202	-1.01296
cg07954316	CABP2;CABP2	0.0378189	0.595571	1.24285	1.24285	0.015027	3.36381	3.36381
cg24626165	CABP4	0.00603046	0.110829	0.558756	-1.78969	0.764834	1.10573	1.10573

Probeset ID	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00316777	0.46387	0.7815	-1.27959	0.554602	0.820662	-1.21853	0.580905	1.20248	1.20248
cg02393479	0.0512287	0.654895	-1.52696	0.186582	0.765706	-1.30598	0.000270541	0.320243	-3.12263
cg12264626	0.196539	0.567757	-1.76132	0.00286077	0.18247	-5.48034	0.688841	1.18159	1.18159
cg24637974	0.551044	0.852081	-1.1736	0.499822	1.19934	1.19934	0.00044317	0.229534	-4.35665
cg22289837	0.29213	0.614173	-1.62821	0.00525362	0.193656	-5.1638	0.729911	0.856782	-1.16716
cg13958215	0.0051622	0.32196	-3.10598	0.040151	0.482995	-2.07041	0.0654709	0.53019	-1.88612
cg13721134	0.320983	0.520122	-1.92263	0.0187979	0.162884	-6.13934	0.50014	1.54702	1.54702
cg21172458	0.839444	1.06778	1.06778	0.668499	0.869994	-1.14943	0.23938	0.671441	-1.48934
cg21468939	0.0252587	1.64757	1.64757	0.16476	0.75718	-1.32069	3.89E-06	0.132901	-7.52438
cg05248618	0.386647	1.18424	1.18424	0.584951	0.90024	-1.11082	8.58E-05	0.260829	-3.83393
cg04127232	0.0100145	0.307381	-3.2533	0.977817	1.01014	1.01014	0.0555638	0.45512	-2.19722
cg00200645	0.0256366	0.379175	-2.63731	0.00296019	0.22487	-4.44702	0.107981	0.52649	-1.89937
cg23010302	0.0180238	0.658361	-1.51892	0.394269	0.880784	-1.13535	0.515294	0.908484	-1.10074
cg22810790	0.086318	1.79696	1.79696	0.623037	1.16561	1.16561	0.165376	0.632764	-1.58037
cg02640691	4.71E-05	0.572328	-1.74725	0.00089924	0.696669	-1.4354	2.20E-09	0.129937	-7.69604
cg05640992	0.000206367	0.265058	-3.77276	0.928346	0.980968	-1.0194	7.02E-06	0.119544	-8.3651
cg11667117	0.950142	0.989644	-1.01046	3.26E-05	0.260692	-3.83594	0.00471751	0.535239	-1.86832
cg09799938	0.172687	1.28031	1.28031	0.885427	1.02485	1.02485	1.03E-05	0.200487	-4.98785
cg03571445	0.000581973	0.235252	-4.25076	0.898904	1.03518	1.03518	0.0179771	0.457431	-2.18612
cg07882302	0.00960138	0.532339	-1.8785	0.127507	0.728416	-1.37284	0.00133227	0.407739	-2.45255
cg09001440	0.00112842	0.38557	-2.59356	0.000735279	0.360589	-2.77324	0.0154145	0.553685	-1.80608
cg02435043	0.35143	1.34924	1.34924	0.525596	0.817993	-1.2225	0.000708751	0.199612	-5.00971
cg05282555	0.0549399	0.437773	-2.28429	0.0420043	0.410932	-2.43349	0.000599766	0.134074	-7.45859
cg08240571	0.0175941	0.561209	-1.78187	0.0669436	0.663185	-1.50787	0.00236099	0.428173	-2.33551
cg08950859	0.000690077	0.269605	-3.70913	0.123649	0.65577	-1.52493	0.0262118	0.513099	-1.94894
cg07327967	0.0252948	0.480122	-2.0828	0.472108	0.817275	-1.22358	0.000726001	0.242217	-4.12853
cg06896988	0.0380508	0.532819	-1.87681	0.0107467	0.432073	-2.31442	0.18861	0.694415	-1.44006
cg01145829	0.0201565	0.178133	-5.61377	0.0931845	0.320802	-3.11719	0.00602624	0.109829	-9.1051
cg09243454	0.682076	0.827096	-1.20905	0.278698	1.68057	1.68057	0.00229163	0.140172	-7.1341
cg10323962	0.00286132	0.170127	-5.87797	0.0115144	0.255606	-3.91227	0.0964004	0.454794	-2.1988
cg06745083	0.00369238	0.138437	-7.22352	0.39545	0.644962	-1.55048	0.080002	0.375735	-2.66145
cg04067157	0.00069458	0.436437	-2.29128	0.244656	1.21529	1.21529	0.0740984	0.726967	-1.37558
cg27325224	0.00892706	0.125825	-7.94752	0.116198	0.345134	-2.89742	0.00885734	0.125422	-7.97309
cg02672397	0.544875	0.804492	-1.24302	0.0733324	2.03176	2.03176	0.0478011	0.447812	-2.23308
cg02190618	0.00351192	0.456257	-2.19175	0.72977	1.07115	1.07115	0.396707	1.1877	1.1877
cg06693575	0.316602	0.666576	-1.5002	0.881641	1.0601	1.0601	0.00586957	0.243512	-4.10657
cg00096747	0.517945	0.837751	-1.19367	0.434793	1.24015	1.24015	0.0579664	0.560529	-1.78403
cg01153186	0.0174469	0.507085	-1.97205	0.254447	0.756363	-1.32212	0.00353107	0.395305	-2.52969
cg18391610	3.66E-05	5.73988	5.73988	6.10E-05	5.09088	5.09088	0.617002	1.11727	1.11727
cg02283106	0.000228864	8.15826	8.15826	0.00253772	4.20615	4.20615	0.278745	1.47134	1.47134
cg05059994	0.160481	1.33665	1.33665	0.0521581	1.5334	1.5334	0.26062	0.796862	-1.25492
cg08195028	0.00604564	4.1976	4.1976	0.569398	1.25864	1.25864	0.208369	0.588252	-1.69995
cg22702707	0.000400766	9.31776	9.31776	0.0789669	2.16664	2.16664	0.16727	0.557925	-1.79236
cg00931201	0.000281671	16.8066	16.8066	0.591038	1.29413	1.29413	0.928029	0.957966	-1.04388
cg18430208	0.00193768	6.45437	6.45437	0.00750617	4.0832	4.0832	0.00152796	7.05586	7.05586
cg12386568	0.00194643	46.6623	46.6623	0.0178142	0.0853144	-11.7214	?	?	?
cg12978205	0.0125703	4.65455	4.65455	0.13996	2.19648	2.19648	0.0940203	2.49001	2.49001
cg25376316	0.136642	2.15424	2.15424	0.633819	1.25521	1.25521	0.347215	0.631296	-1.58404
cg25954223	0.0225922	12.4667	12.4667	0.872608	0.86219	-1.15984	0.171321	0.260327	-3.84132
cg05532403	0.226046	2.3559	2.3559	0.152492	2.80965	2.80965	0.298981	0.484014	-2.06606
cg00221961	0.756695	0.899527	-1.11169	0.0628328	0.4901	-2.0404	0.0223755	0.393618	-2.54053
cg06037923	0.248462	1.11626	1.11626	0.228688	0.891211	-1.12207	0.233749	0.892426	-1.12054
cg16431191	0.138775	2.85948	2.85948	0.21624	0.424016	-2.3584	0.012399	0.128457	-7.7847
cg25919221	0.00660916	0.432889	-2.31006	0.0172037	1.99232	1.99232	0.00034056	0.254038	-3.93641
cg09363991	0.0392309	0.657421	-1.52109	0.23497	1.24464	1.24464	6.96E-05	0.27884	-3.58628
cg24052039	0.00574005	0.40446	-2.47243	0.616126	1.1347	1.1347	0.000243691	0.219531	-4.55518
cg04785083	0.0142337	0.569618	-1.75556	0.0228749	0.602453	-1.65988	0.0016554	0.432604	-2.31158
cg07601804	0.134813	1.47805	1.47805	0.784969	0.935864	-1.06853	0.234302	1.35278	1.35278
cg05703096	0.000127278	0.173675	-5.75789	0.0175474	0.46817	-2.13597	0.16702	0.679211	-1.4723
cg10373196	0.00012184	2.84169	2.84169	0.139045	0.780452	-1.28131	0.648687	1.07402	1.07402
cg10026203	0.00301547	2.47573	2.47573	0.448328	1.18799	1.18799	0.975132	0.993075	-1.00697
cg06178179	0.00621117	0.40955	-2.44171	0.00320146	0.365357	-2.73705	0.109482	0.646203	-1.5475
cg27078786	0.0168546	0.299385	-3.34018	0.742133	1.14633	1.14633	0.00887714	0.252232	-3.96461
cg11258532	0.0982707	0.707641	-1.41315	0.0350717	1.59722	1.59722	0.506848	0.879476	-1.13704
cg07095264	0.619502	1.41149	1.41149	0.0036863	0.0354118	-28.2392	0.0240726	0.124514	-8.03123
cg03469521	0.939431	0.972566	-1.02821	0.982945	0.992206	-1.00786	0.147063	1.76753	1.76753
cg16303453	0.381996	1.17603	1.17603	0.992048	1.0018	1.0018	0.258107	1.23788	1.23788
cg05552717	0.482213	0.920566	-1.08629	0.0497026	1.29618	1.29618	0.164497	0.842097	-1.18751
cg08623062	0.254238	0.899797	-1.11136	0.0039541	1.41026	1.41026	0.660198	1.04002	1.04002
cg08919494	0.813783	0.97257	-1.0282	0.688609	0.953627	-1.04863	0.694137	0.954483	-1.04769
cg21633026	0.711845	0.928066	-1.07751	0.15163	1.3622	1.3622	0.00171217	0.406236	-2.46162
cg15711016	0.208845	1.33388	1.33388	0.979967	0.994555	-1.00548	0.00248559	0.400797	-2.49503
cg20910102	0.0277884	2.22607	2.22607	0.102499	1.7329	1.7329	0.442043	1.27278	1.27278
cg16288617	0.160281	0.758536	-1.31833	0.963586	1.00845	1.00845	0.0067577	0.52369	-1.90952
cg13849253	3.91E-06	6.42132	6.42132	0.0523732	1.46494	1.46494	0.977734	0.995182	-1.00484
cg06908460	1.18E-05	5.78586	5.78586	0.236318	1.26479	1.26479	0.686879	0.926157	-1.07973
cg09566069	0.0104597	3.43555	3.43555	0.0436586	2.43064	2.43064	0.0138171	0.311846	-3.20671
cg06852824	0.0294397	0.507002	-1.97238	0.746497	1.0897	1.0897	5.31E-05	0.135509	-7.37958
cg10601057	0.000172079	0.360095	-2.77705	0.00119022	0.467475	-2.13915	0.000217187	0.372611	-2.68376
cg06874144	0.918678	1.03436	1.03436	0.176965	0.622089	-1.60749	0.00122422	0.209203	-4.78004
cg01413054	0.286743	0.632115	-1.58199	0.0670464	0.426926	-2.34232	0.289117	0.633649	-1.57816
cg21039723	0.170239	1.96403	1.96403	0.0924102	0.424905	-2.35347	0.00258931	0.145238	-6.88526
cg10560317	0.349041	1.18658	1.18658	0.140152	1.32532	1.32532	0.0135092	0.581265	-1.72039
cg15442058	0.140144	0.48913	-2.04444	0.469889	0.718028	-1.3927	0.00361603	0.169569	-5.89732
cg04089197	0.0121491	0.681603	-1.46713	0.333366	1.13016	1.13016	0.213654	0.85165	-1.17419
cg20724690	0.711622	1.14268	1.14268	0.00656749	3.55385	3.55385	0.068289	0.480361	-2.08177
cg25122433	0.684415	0.908865	-1.10027	0.119717	0.673823	-1.48407	0.040635	0.575343	-1.73809
cg14704078	0.000582416	0.275345	-3.63181	0.0337534	0.54814	-1.82435	4.31E-05	0.152033	-6.57751
cg04874511	0.022552	0.598381	-1.67118	0.293195	0.814654	-1.22751	0.268662	0.805265	-1.24183
cg21218957	0.00239455	0.273574	-3.65532	0.636992	1.15675	1.15675	0.012727	0.387392	-2.58136
cg23539701	0.017589	0.441168	-2.26671	0.0244244	0.467844	-2.13747	0.844142	0.945767	-1.05734
cg01427300	0.0265146	2.40177	2.40177	0.149318	1.67385	1.67385	0.00296315	0.256953	-3.89176
cg18393014	0.000111435	0.443562	-2.25448	0.740563	0.961028	-1.04055	0.79244	1.03205	1.03205
cg00919994	0.170979	0.540198	-1.85117	0.381547	1.46101	1.46101	0.0555246	0.399846	-2.50097
cg25756590	0.131146	1.27688	1.27688	0.951097	1.00924	1.00924	0.124684	1.2831	1.2831
cg11731939	0.0358772	0.828372	-1.20719	0.00117213	0.692541	-1.44396	0.000895098	0.681428	-1.46751
cg13088465	0.0217291	0.638442	-1.56631	0.816804	1.03852	1.03852	0.0028085	0.511435	-1.95528
cg13689831	0.0069411	3.03718	3.03718	0.432981	1.28978	1.28978	0.16642	1.5988	1.5988
cg07823920	0.254068	0.730542	-1.36885	0.242716	0.724488	-1.38029	0.000580199	0.245886	-4.06693
cg00458793	0.387175	1.29763	1.29763	0.36893	1.31159	1.31159	0.00119794	0.247789	-4.03569
cg01056590	0.0822829	0.807035	-1.2391	0.25402	1.14187	1.14187	0.0147816	1.39666	1.39666
cg07573715	0.363471	1.20183	1.20183	0.341277	0.824454	-1.21292	0.00146633	0.4049	-2.46974
cg07835094	0.623841	1.15947	1.15947	0.105207	0.588641	-1.69883	0.724795	1.11161	1.11161
cg10399369	0.679733	0.798494	-1.25236	0.268749	1.86712	1.86712	0.0017088	0.0882408	-11.3326
cg04844120	0.0013489	0.450868	-2.21794	0.214345	0.799591	-1.25064	0.000212231	0.346813	-2.8834
cg03635685	0.692123	1.11494	1.11494	0.113964	0.624945	-1.60014	0.0556429	0.552742	-1.80916
cg03340889	0.188547	0.65849	-1.51863	0.526483	0.829611	-1.20538	0.00407762	0.252874	-3.95453
ch.22.217069R	0.0863221	0.422445	-2.36717	0.00377513	0.169083	-5.91425	0.0051076	0.185884	-5.37971
cg07336442	0.0932591	0.696803	-1.43513	0.0227935	0.586746	-1.70431	0.0613334	0.662004	-1.51056
cg12198042	0.233507	1.26399	1.26399	0.00887317	0.535451	-1.86759	0.0101052	0.544073	-1.83799
cg19307232	0.346373	0.780987	-1.28043	0.0343315	0.532954	-1.87633	0.0915333	0.622722	-1.60585
cg22158648	0.00659824	0.206006	-4.85422	0.0551704	0.377661	-2.64788	0.00640993	0.204223	-4.89662
cg06340447	0.0100735	0.450023	-2.22211	0.60686	0.880189	-1.13612	0.0191325	2.00804	2.00804
cg05384868	0.013268	0.343588	-2.91046	0.0131784	0.343068	-2.91488	0.0356405	0.426875	-2.34261
cg17143518	0.501681	0.94303	-1.06041	0.218205	0.894568	-1.11786	0.470047	1.06526	1.06526
cg18519927	0.47072	0.773645	-1.29258	0.00378258	0.238975	-4.18453	0.971697	0.9877	-1.01245
cg06230674	0.0677503	0.540415	-1.85043	0.657997	0.874597	-1.14338	0.290322	0.718882	-1.39105
cg13495850	0.983703	1.00785	1.00785	0.776051	0.896611	-1.11531	0.010305	0.290276	-3.44499
cg07716322	0.00329976	0.220312	-4.53902	0.0634515	0.454417	-2.20062	0.000309968	0.109508	-9.13178
cg13313047	0.0899198	0.381004	-2.62464	0.767416	0.858039	-1.16545	0.013228	0.204896	-4.88053
cg18793086	0.101137	0.441458	-2.26522	0.697025	0.836767	-1.19508	0.0104948	0.23063	-4.33595
cg26136497	0.15799	0.511808	-1.95386	0.32633	0.637839	-1.56779	0.00637068	0.206901	-4.83324
cg17905132	0.00108372	0.892747	-1.12014	0.529539	0.985132	-1.01509	0.142232	1.0378	1.0378
cg15674680	0.000190708	0.711269	-1.40594	0.0181597	1.16817	1.16817	7.46E-05	0.677154	-1.47677
cg22541963	0.0784789	0.851373	-1.17457	0.0217233	0.797062	-1.25461	0.59386	0.956657	-1.04531
cg11087660	0.000753609	0.222407	-4.49626	0.0140217	0.409663	-2.44103	0.000373837	0.187485	-5.33376
cg22633769	0.972466	0.99456	-1.00547	0.172119	1.25825	1.25825	0.0565744	1.40656	1.40656
cg01810347	0.00480458	0.601308	-1.66304	0.0661218	1.32341	1.32341	0.0147273	0.664934	-1.50391
cg08964912	0.00359704	1.48807	1.48807	0.868131	1.0169	1.0169	0.00956739	1.39212	1.39212
cg17484976	0.481743	0.916088	-1.0916	0.226749	1.16831	1.16831	0.136277	0.821395	-1.21744
cg22451887	0.0107701	0.57786	-1.73052	0.203762	1.25811	1.25811	0.00241339	0.485129	-2.06131
cg20646120	0.335938	0.729814	-1.37021	0.0135683	2.63698	2.63698	0.286546	1.42094	1.42094
cg21589173	0.275142	1.51139	1.51139	0.375044	1.39265	1.39265	0.020546	2.7596	2.7596
cg17212502	0.025749	0.410742	-2.43462	0.366292	0.732097	-1.36594	0.0260005	0.411584	-2.42964
cg18477009	0.044143	0.480324	-2.08193	0.783922	0.916526	-1.09108	0.0721269	0.529138	-1.88987
cg25969992	0.191989	0.706924	-1.41458	0.849957	1.04871	1.04871	0.020345	0.495457	-2.01834
cg19500979	0.812692	1.05277	1.05277	0.527744	1.14868	1.14868	0.000117572	0.23202	-4.30998
cg19486507	0.00336922	0.404387	-2.47288	0.412201	0.826673	-1.20967	3.60E-05	0.163927	-6.10028
cg03564748	0.830339	0.91806	-1.08925	0.335343	0.673118	-1.48562	0.000145591	0.0738842	-13.5347
cg07612416	0.000394317	0.416947	-2.39839	0.323579	0.853845	-1.17117	0.0787669	0.738933	-1.3533
cg07954316	0.10223	0.483934	-2.0664	0.840416	1.08526	1.08526	0.074946	0.447138	-2.23645
cg24626165	0.071815	0.509981	-1.96086	0.760953	0.902822	-1.10764	0.0249651	0.409106	-2.44435

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)
cg00316777	0.111305	1.77463	1.77463	0.000205882	0.127967	-7.81453	0.805198	0.921537	-1.08514	0.609503	1.18573	1.18573
cg02393479	0.929702	0.983317	-1.01697	0.568072	0.895816	-1.1163	0.288914	0.810665	-1.23356	0.000387182	0.339858	-2.94241
cg12264626	0.947482	1.02768	1.02768	0.105401	2.08207	2.08207	0.0227786	0.32311	-3.09492	0.0242733	3.0441	3.0441
cg24637974	0.14565	1.51377	1.51377	0.017437	0.463906	-2.15561	0.535842	1.18102	1.18102	0.085353	0.603666	-1.65655
cg22289837	0.661684	1.21699	1.21699	0.207014	1.81031	1.81031	0.0571844	0.383029	-2.61077	0.21972	1.77814	1.77814
cg13958215	0.105268	0.580898	-1.72147	0.921023	1.0309	1.0309	0.413584	1.29242	1.29242	0.0695875	1.86426	1.86426
cg13721134	0.61746	1.37852	1.37852	0.121299	2.91804	2.91804	0.0980945	0.314508	-3.17957	0.0331517	4.89251	4.89251
cg21172458	0.350144	0.732771	-1.36468	0.20879	0.651572	-1.53475	0.363141	0.739216	-1.35278	0.00138103	4.47964	4.47964
cg21468939	0.0114528	0.552227	-1.81085	2.60E-06	0.119046	-8.40013	0.000159607	0.297906	-3.35676	0.335081	0.829806	-1.2051
cg05248618	0.00654468	0.510109	-1.96037	0.278218	0.806659	-1.23968	0.0756388	1.45764	1.45764	0.335202	1.20849	1.20849
cg04127232	0.00244089	0.216478	-4.6194	0.138254	0.560416	-1.78439	0.00644468	0.276515	-3.61644	0.166849	0.585809	-1.70704
cg00200645	0.128061	0.547832	-1.82538	0.00735615	0.282626	-3.53825	0.0257727	0.379636	-2.6341	0.0233114	0.370987	-2.69551
cg23010302	0.0106238	0.626636	-1.59582	0.615651	0.929007	-1.07642	0.0821006	1.32344	1.32344	0.118726	1.27938	1.27938
cg22810790	0.576794	1.19051	1.19051	0.0190386	0.415628	-2.406	0.196165	1.52616	1.52616	0.222301	1.48693	1.48693
cg02640691	0.000685572	0.685793	-1.45817	0.000168163	0.627654	-1.59324	0.458919	0.946626	-1.05638	0.00582352	0.769012	-1.30037
cg05640992	0.0013043	0.367818	-2.71873	4.42E-06	0.10449	-9.5703	0.48055	0.857965	-1.16555	0.00479508	0.449467	-2.22486
cg11667117	0.286309	1.20243	1.20243	0.000341755	0.382819	-2.6122	0.0239473	0.638595	-1.56594	0.0492058	0.688146	-1.45318
cg09799938	0.182201	1.27262	1.27262	0.608854	1.09185	1.09185	0.778709	1.04914	1.04914	0.552681	0.902784	-1.10768
cg03571445	0.0488514	0.542271	-1.8441	5.42E-05	0.129143	-7.74337	0.591662	0.863018	-1.15872	0.00537458	0.36891	-2.71069
cg07882302	0.0395364	0.632659	-1.58063	6.15E-05	0.241342	-4.1435	0.0225405	0.591362	-1.69101	0.0460241	0.644246	-1.5522
cg09001440	0.0155047	0.554095	-1.80474	0.000475733	0.335895	-2.97712	0.188493	0.757995	-1.31927	0.00135164	0.3963	-2.52334
cg02435043	0.108115	0.578367	-1.729	0.617361	0.854427	-1.17038	0.397304	1.3109	1.3109	0.375442	0.752671	-1.3286
cg05282555	0.0127352	0.308898	-3.23731	0.0035726	0.223589	-4.4725	0.033206	0.388753	-2.57233	0.0683357	0.460909	-2.16963
cg08240571	0.0701992	0.667121	-1.49898	0.000333696	0.314259	-3.18209	0.975577	0.993897	-1.00614	0.166379	0.74445	-1.34327
cg08950859	0.132024	0.662772	-1.50881	0.00032003	0.229062	-4.36563	0.311858	0.767417	-1.30307	0.126764	0.658416	-1.5188
cg07327967	0.0139264	0.432543	-2.31191	0.00961293	0.404812	-2.47028	0.254645	0.720264	-1.38838	0.00385702	0.341593	-2.92746
cg06896988	0.15904	0.674308	-1.483	0.00126027	0.291551	-3.42994	0.716642	1.10013	1.10013	0.0127214	0.444607	-2.24918
cg01145829	0.0317499	0.212298	-4.71035	0.00203569	0.0687317	-14.5493	0.0372896	0.225799	-4.42872	0.0244	0.191828	-5.21302
cg09243454	0.0915475	0.424712	-2.35454	0.00299531	0.153143	-6.52985	0.744259	0.859958	-1.16285	0.1217	0.461498	-2.16686
cg10323962	0.070638	0.418127	-2.39162	0.000947811	0.119184	-8.39037	0.241522	0.589107	-1.69748	0.232299	0.582361	-1.71715
cg06745083	0.3366	0.606975	-1.64751	0.00131615	0.094825	-10.5457	0.981167	1.01197	1.01197	0.0640597	0.350386	-2.85399
cg04067157	0.934463	0.98691	-1.01326	0.153258	0.782701	-1.27763	0.597923	0.918269	-1.089	0.39957	0.870961	-1.14816
cg27325224	0.130193	0.361117	-2.76918	0.0127098	0.145208	-6.88665	0.0674817	0.278983	-3.58445	0.0558513	0.259263	-3.85708
cg02672397	0.138337	0.567541	-1.76199	0.0245107	0.386289	-2.58873	0.762698	1.1135	1.1135	0.539334	0.802019	-1.24685
cg02190618	0.264649	1.25916	1.25916	0.0411967	1.59497	1.59497	0.0567417	1.53333	1.53333	0.971963	1.00699	1.00699
cg06693575	0.371355	1.43274	1.43274	0.0423621	0.400145	-2.4991	0.0634141	0.441423	-2.2654	0.743049	0.879088	-1.13754
cg00096747	0.650153	1.13125	1.13125	0.0828994	0.595332	-1.67974	0.862663	1.04788	1.04788	0.424706	1.24632	1.24632
cg01153186	0.165967	0.707045	-1.41434	0.0494663	0.59094	-1.69222	0.327369	1.26777	1.26777	0.836253	0.952595	-1.04976
cg18391610	0.00103578	2.91137	2.91137	2.35E-08	96.809	96.809	1.16E-07	41.7321	41.7321	2.64E-05	6.22384	6.22384
cg02283106	0.0100453	3.04695	3.04695	6.27E-07	107.908	107.908	1.47E-06	66.1366	66.1366	0.000217963	8.28253	8.28253
cg05059994	0.0722606	1.47438	1.47438	1.42E-05	5.75963	5.75963	3.96E-07	16.5072	16.5072	0.00131129	2.47259	2.47259
cg08195028	0.166913	1.80309	1.80309	1.30E-06	143.339	143.339	8.61E-06	47.9357	47.9357	0.00132279	6.47917	6.47917
cg22702707	0.39299	1.4146	1.4146	2.91E-06	83.8583	83.8583	1.49E-05	35.2285	35.2285	0.00495835	4.36946	4.36946
cg00931201	0.720068	1.18655	1.18655	4.67E-06	146.769	146.769	2.05E-05	59.7182	59.7182	0.00726234	5.18671	5.18671
cg18430208	0.00742039	4.09781	4.09781	0.000121108	22.7336	22.7336	7.34E-06	161.631	161.631	0.00126252	7.5958	7.5958
cg12386568	0.46791	0.541561	-1.84651	0.000322119	185.981	185.981	0.000404694	153.476	153.476	0.0127864	14.1851	14.1851
cg12978205	0.0107704	4.8912	4.8912	0.000188488	22.6611	22.6611	8.98E-05	32.209	32.209	0.094686	2.48454	2.48454
cg25376316	0.181848	1.9673	1.9673	0.000725607	13.5733	13.5733	0.000110632	34.5634	34.5634	0.0189165	4.00142	4.00142
cg25954223	0.339009	2.48594	2.48594	0.00114732	82.8169	82.8169	0.000935199	95.9101	95.9101	0.118054	4.79797	4.79797
cg05532403	0.0400826	4.94892	4.94892	0.00355403	14.3393	14.3393	0.00402946	13.5182	13.5182	0.263988	2.19212	2.19212
cg00221961	0.49648	1.26522	1.26522	0.978058	1.00941	1.00941	0.0100407	3.02569	3.02569	0.968775	0.986752	-1.01343
cg06037923	0.0270287	0.787671	-1.26957	0.0394403	0.804771	-1.24259	0.0265642	0.786892	-1.27082	0.151242	0.86918	-1.15051
cg16431191	0.862764	1.12083	1.12083	0.093154	0.29589	-3.37964	0.503082	1.56528	1.56528	0.422985	1.7153	1.7153
cg25919221	0.666778	1.10834	1.10834	0.000419989	0.265099	-3.77217	0.00992063	2.16732	2.16732	0.668216	0.902682	-1.10781
cg09363991	0.11922	0.742844	-1.34618	0.234289	0.803162	-1.24508	0.0327564	0.644575	-1.55141	0.00698993	0.541553	-1.84654
cg24052039	0.0286658	0.524507	-1.90655	0.0562924	0.58254	-1.71662	0.157124	1.45975	1.45975	0.0309997	0.530955	-1.8834
cg04785083	0.308221	0.821769	-1.21689	0.00198005	2.25531	2.25531	0.0869183	1.42172	1.42172	0.221583	0.787316	-1.27014
cg07601804	0.0615146	1.6661	1.6661	0.000376199	3.9661	3.9661	0.00681732	2.33854	2.33854	0.570612	0.870306	-1.14902
cg05703096	0.714952	1.1011	1.1011	0.318953	1.31056	1.31056	0.808519	1.06583	1.06583	0.0592244	0.571626	-1.7494
cg10373196	0.308146	0.848558	-1.17847	0.944897	0.989297	-1.01082	0.103719	1.31916	1.31916	0.294416	1.18447	1.18447
cg10026203	0.497056	1.16616	1.16616	0.00879217	0.475286	-2.10399	0.189572	1.36313	1.36313	0.348622	1.24001	1.24001
cg06178179	0.656937	0.894178	-1.11835	0.649157	1.12143	1.12143	0.0322913	0.534049	-1.87249	0.0308571	0.530276	-1.88581
cg27078786	0.864393	1.07326	1.07326	0.00310765	0.187674	-5.32839	0.133206	0.511708	-1.95424	0.144696	0.52312	-1.91161
cg11258532	0.0576705	1.50582	1.50582	0.00962097	1.8683	1.8683	0.0136864	1.78864	1.78864	0.58124	1.11209	1.11209
cg07095264	?	?	?	0.268738	0.444665	-2.24889	0.0332731	0.149812	-6.67501	0.87927	0.90109	-1.10977
cg03469521	0.989952	0.995401	-1.00462	0.003033	4.42358	4.42358	0.0269004	2.6101	2.6101	0.0207543	2.77058	2.77058
cg16303453	0.000228649	3.02578	3.02578	0.0922742	0.715269	-1.39808	0.296217	1.21637	1.21637	0.794942	1.04823	1.04823
cg05552717	0.0917306	0.806421	-1.24005	0.836139	1.02429	1.02429	0.00487325	1.54106	1.54106	0.101536	0.812423	-1.23089
cg08623062	0.188688	0.88381	-1.13147	0.00111446	0.653184	-1.53096	0.264956	1.10853	1.10853	0.00401766	1.40888	1.40888
cg08919494	0.0488225	0.767059	-1.30368	0.000130778	0.457145	-2.18749	0.335951	1.12406	1.12406	0.529309	1.07801	1.07801
cg21633026	0.048176	0.634854	-1.57516	0.208336	0.765754	-1.3059	0.0761746	1.48737	1.48737	0.227658	1.29022	1.29022
cg15711016	0.964788	0.990446	-1.00965	0.0774367	0.652563	-1.53242	0.990495	0.997413	-1.00259	0.66207	1.10036	1.10036
cg20910102	0.0208284	0.424876	-2.35363	0.0184407	0.414927	-2.41006	0.803125	0.926016	-1.0799	0.969998	0.988494	-1.01164
cg16288617	0.0529394	1.49965	1.49965	0.18312	1.29723	1.29723	0.133053	0.741878	-1.34793	0.25994	0.805338	-1.24172
cg13849253	0.00222333	2.09921	2.09921	0.656961	0.925564	-1.08042	0.375895	1.17031	1.17031	0.00302959	2.02007	2.02007
cg06908460	0.00307171	2.15395	2.15395	0.299549	1.22572	1.22572	0.0635004	1.48438	1.48438	0.00720312	1.92824	1.92824
cg09566069	0.518542	1.28484	1.28484	0.253585	1.57868	1.57868	0.0899142	2.04588	2.04588	0.164806	1.76383	1.76383
cg06852824	0.0143845	0.449742	-2.2235	2.51E-06	0.0488975	-20.4509	0.0262716	2.00993	2.00993	0.00696733	0.396718	-2.52068
cg10601057	0.00277499	0.516742	-1.9352	0.00100161	0.4576	-2.18532	0.0980099	0.747915	-1.33705	0.000101657	0.33227	-3.0096
cg06874144	0.0698001	0.511376	-1.95551	0.000758873	0.184853	-5.4097	0.038388	0.452238	-2.21123	0.0837373	0.530979	-1.88331
cg01413054	0.892823	0.945638	-1.05749	0.000427918	0.0990904	-10.0918	0.362984	1.47354	1.47354	0.00979707	0.258196	-3.87302
cg21039723	0.441717	0.695922	-1.43694	0.0572649	0.370114	-2.70187	0.522004	1.34971	1.34971	0.0926142	0.425178	-2.35196
cg10560317	0.191369	0.782332	-1.27823	0.139279	0.753994	-1.32627	0.861574	0.969503	-1.03146	0.00533817	0.521378	-1.918
cg15442058	0.0571994	0.379318	-2.63631	0.0117815	0.242376	-4.12582	0.709678	1.18352	1.18352	0.00674507	0.205459	-4.86716
cg04089197	0.0922337	0.796708	-1.25517	0.0345841	1.3528	1.3528	0.127272	0.816905	-1.22413	0.0634913	0.774231	-1.2916
cg20724690	0.96441	1.01616	1.01616	0.905705	1.04348	1.04348	0.0130942	3.02038	3.02038	0.372693	1.3892	1.3892
cg25122433	0.117419	0.67188	-1.48836	0.617196	0.888836	-1.12507	0.0534004	1.67049	1.67049	0.0459674	0.58574	-1.70724
cg14704078	0.935036	0.980425	-1.01997	3.09E-06	0.0680109	-14.7035	0.00490981	0.405024	-2.46899	9.32E-05	0.184469	-5.42096
cg04874511	0.307386	1.21974	1.21974	0.514305	1.13238	1.13238	0.0695833	0.682803	-1.46455	0.0850313	0.699075	-1.43046
cg21218957	0.0230195	0.434818	-2.29981	0.00409455	0.307284	-3.25432	0.225085	0.676847	-1.47744	0.0714442	0.53973	-1.85278
cg23539701	0.412527	1.26787	1.26787	0.301861	1.35393	1.35393	0.0998114	0.59995	-1.66681	0.406084	0.786016	-1.27224
cg01427300	0.740821	0.895309	-1.11693	0.266233	1.471	1.471	0.955395	0.981538	-1.01881	0.409937	0.75522	-1.32412
cg18393014	0.070034	0.784802	-1.27421	0.0141075	1.43681	1.43681	0.00530817	1.55196	1.55196	0.0101231	1.47419	1.47419
cg00919994	0.098713	0.465415	-2.14862	0.00295946	5.60343	5.60343	?	?	?	0.124743	2.01792	2.01792
cg25756590	0.0680338	1.35861	1.35861	0.00330769	1.82211	1.82211	0.705232	1.05864	1.05864	0.096998	1.31412	1.31412
cg11731939	5.48E-05	0.56023	-1.78498	2.86E-05	0.530507	-1.88499	0.000478905	0.655269	-1.52609	3.50E-05	0.539739	-1.85275
cg13088465	0.00622124	0.559393	-1.78765	0.581308	0.913273	-1.09496	0.90441	1.01976	1.01976	0.0305435	0.661028	-1.51279
cg13689831	0.00828806	2.92555	2.92555	0.300552	1.40658	1.40658	0.00295564	3.66094	3.66094	0.0222161	2.39105	2.39105
cg07823920	0.00158493	0.30258	-3.30491	0.920506	0.974028	-1.02666	0.426246	0.80721	-1.23884	0.0936208	0.61503	-1.62594
cg00458793	0.0455703	0.509722	-1.96185	0.000392071	0.190027	-5.26241	0.544894	0.835179	-1.19735	0.0340455	0.483277	-2.0692
cg01056590	0.00256128	1.5934	1.5934	0.00017785	2.02878	2.02878	0.103252	1.21956	1.21956	0.107702	1.21594	1.21594
cg07573715	0.0565405	0.65381	-1.5295	0.00698354	0.503169	-1.9874	0.0867212	0.689058	-1.45126	0.998795	0.999703	-1.0003
cg07835094	0.983025	0.993651	-1.00639	0.23854	1.44708	1.44708	0.120742	1.65491	1.65491	0.840388	0.941421	-1.06222
cg10399369	0.310537	0.566206	-1.76614	0.871037	1.09207	1.09207	0.00369776	0.119255	-8.38538	0.107931	0.386413	-2.5879
cg04844120	0.562369	1.1054	1.1054	1.23E-06	0.117748	-8.4927	0.850529	1.0328	1.0328	0.0423065	0.670229	-1.49203
cg03635685	0.0713046	1.73443	1.73443	0.0451388	0.533456	-1.87457	0.489193	1.21175	1.21175	0.0048128	0.35965	-2.78048
cg03340889	0.00312455	0.23171	-4.31573	0.11152	1.69863	1.69863	0.281303	0.717871	-1.39301	0.00881716	3.13409	3.13409
ch.22.217069R	0.0991968	0.439579	-2.2749	0.0154616	0.25898	-3.8613	0.0348588	0.326823	-3.05976	0.0436881	0.348363	-2.87057
cg07336442	0.336291	0.823671	-1.21408	0.717156	0.931292	-1.07378	0.918145	1.02032	1.02032	0.00227698	0.433859	-2.30489
cg12198042	0.433175	1.16184	1.16184	0.17768	0.7644	-1.30822	0.120484	1.37145	1.37145	0.587316	1.10824	1.10824
cg19307232	0.923172	1.02489	1.02489	0.00220767	0.33499	-2.98516	0.1208	0.651229	-1.53556	0.108218	0.639723	-1.56318
cg22158648	0.268011	0.596425	-1.67666	0.0236065	0.297996	-3.35575	0.0091905	0.227305	-4.39937	0.0239538	0.299223	-3.34199
cg06340447	0.0102886	2.21459	2.21459	0.796842	0.938539	-1.06549	0.00201613	0.342614	-2.91874	0.0235268	0.514222	-1.94469
cg05384868	0.58833	1.20953	1.20953	0.00831058	0.309006	-3.23619	0.00316068	0.24563	-4.07117	0.266902	0.668546	-1.49578
cg17143518	0.0830161	1.17951	1.17951	0.022764	0.790991	-1.26424	0.341614	1.08795	1.08795	0.00565937	1.36655	1.36655
cg18519927	0.197692	1.61456	1.61456	0.0174982	0.353067	-2.83232	0.993472	0.99715	-1.00286	0.0637831	0.476934	-2.09673
cg06230674	0.536933	0.828578	-1.20689	0.153722	0.631692	-1.58305	0.0577228	0.524461	-1.90672	0.681908	0.88343	-1.13195
cg13495850	0.20458	0.599155	-1.66902	0.125698	0.530428	-1.88527	0.0169233	0.327999	-3.04879	0.372841	0.704636	-1.41917
cg07716322	0.0709391	0.466505	-2.1436	0.00141798	0.174583	-5.72793	0.286388	0.658099	-1.51953	0.0427312	0.41414	-2.41464
cg13313047	0.060684	0.335648	-2.97931	0.00911649	0.180845	-5.52959	0.0605437	0.335398	-2.98153	0.291635	0.568439	-1.7592
cg18793086	0.0392195	2.96453	2.96453	0.0571616	0.375254	-2.66486	0.0704762	0.398197	-2.51132	0.170306	0.514188	-1.94481
cg26136497	0.485185	0.729991	-1.36988	0.00886109	0.228038	-4.38524	0.0498823	0.37068	-2.69774	0.224162	0.567443	-1.76229
cg17905132	0.0399987	0.945703	-1.05741	1.72E-08	1.66287	1.66287	0.0210105	0.936791	-1.06747	0.247773	0.971981	-1.02883
cg15674680	0.000510506	0.745204	-1.34191	3.02E-06	0.54752	-1.82642	0.000213511	0.715255	-1.3981	0.00040067	0.737022	-1.35681
cg22541963	2.20E-05	0.495874	-2.01664	0.063719	0.842317	-1.1872	0.00758122	1.32676	1.32676	0.444385	1.06629	1.06629
cg11087660	0.000302766	0.177675	-5.62824	0.0641401	0.542254	-1.84415	0.325815	0.741951	-1.3478	0.000816485	0.226628	-4.41252
cg22633769	0.0109566	1.65637	1.65637	6.72E-05	0.315384	-3.17074	0.448469	1.12986	1.12986	0.435959	1.13385	1.13385
cg01810347	0.471212	0.905172	-1.10476	0.123238	0.796944	-1.25479	0.660622	1.0619	1.0619	0.994073	1.00101	1.00101
cg08964912	0.102742	1.19722	1.19722	0.979383	1.00261	1.00261	0.201915	1.14552	1.14552	0.00218918	1.54217	1.54217
cg17484976	0.00285782	0.604666	-1.65381	0.0011432	0.556445	-1.79712	0.973204	1.00413	1.00413	0.4415	1.10098	1.10098
cg22451887	0.791604	0.955681	-1.04637	0.347248	0.847322	-1.18019	0.258098	1.22385	1.22385	0.175312	0.781358	-1.27982
cg20646120	0.953739	1.01859	1.01859	0.0894687	0.551906	-1.8119	0.00836191	2.91437	2.91437	0.973348	1.01066	1.01066
cg21589173	0.0245087	2.65038	2.65038	0.499607	1.28313	1.28313	0.771596	0.899525	-1.1117	0.0523981	2.23112	2.23112
cg17212502	0.462435	0.777773	-1.28572	0.0250914	0.40851	-2.44792	0.00183301	0.226005	-4.42467	0.180864	0.620436	-1.61177
cg18477009	0.799385	0.922418	-1.08411	0.111737	0.577372	-1.73198	0.0521444	0.49634	-2.01475	0.844408	0.939592	-1.06429
cg25969992	0.0623358	1.69362	1.69362	0.0153079	0.473479	-2.11202	0.0012568	0.306433	-3.26335	0.825294	1.05709	1.05709
cg19500979	0.0642017	0.637258	-1.56922	0.000669624	0.323796	-3.08836	0.102252	1.4732	1.4732	0.700051	0.919551	-1.08749
cg19486507	0.0711833	0.632831	-1.5802	0.0719809	0.63383	-1.57771	0.20931	0.740503	-1.35043	0.263749	0.767604	-1.30275
cg03564748	0.98803	1.00599	1.00599	0.186302	0.572213	-1.7476	0.210306	0.590984	-1.69209	0.0856082	0.469053	-2.13195
cg07612416	0.49786	1.11255	1.11255	0.317936	1.17349	1.17349	0.0767203	0.737051	-1.35676	0.120471	0.77027	-1.29825
cg07954316	0.638497	1.21172	1.21172	0.00705046	0.243305	-4.11006	0.598211	0.805882	-1.24088	0.701859	1.16894	1.16894
cg24626165	0.00939131	0.331761	-3.01422	0.000131354	0.108233	-9.23936	0.268754	0.679836	-1.47094	0.54427	0.814144	-1.22828

Probeset ID	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00316777	5.54559	9.60432	1.53945	1
cg02393479	8.68291	4.99934	0.511794	1
cg12264626	7.17556	19.5292	2.41922	1
cg24637974	5.65227	6.30448	0.991456	1
cg22289837	5.26392	16.5832	2.80031	1
cg13958215	4.52606	6.75154	1.32596	1
cg13721134	3.78005	24.3312	5.72155	1
cg21172458	3.69421	6.11549	1.47149	1
cg21468939	37.7651	21.0673	0.495868	1
cg05248618	9.72476	5.59239	0.511171	1
cg04127232	4.57908	9.54774	1.8534	1
cg00200645	4.54619	9.63413	1.8837	1
cg23010302	4.43338	1.48608	0.297958	1
cg22810790	4.22918	6.40797	1.34683	1
cg02640691	105.291	8.82185	0.0744758	1
cg05640992	34.1331	24.6731	0.642534	1
cg11667117	15.3405	6.73396	0.390192	1
cg09799938	14.1416	6.49323	0.408139	1
cg03571445	10.8272	12.6919	1.04198	1
cg07882302	10.3394	6.0549	0.520544	1
cg09001440	10.0249	6.27848	0.556702	1
cg02435043	8.69178	13.4301	1.37346	1
cg05282555	7.39404	16.8676	2.02778	1
cg08240571	7.30756	4.62862	0.563024	1
cg08950859	7.19658	7.29719	0.901316	1
cg07327967	6.1574	7.42228	1.07149	1
cg06896988	5.93911	6.44742	0.964967	1
cg01145829	5.59812	33.6014	5.33534	1
cg09243454	5.59037	18.8087	2.99065	1
cg10323962	5.45169	16.0855	2.62271	1
cg06745083	4.84609	19.4904	3.57501	1
cg04067157	4.49072	1.82549	0.361336	1
cg27325224	4.09	25.1522	5.46638	1
cg02672397	3.80738	7.59973	1.77427	1
cg02190618	3.69285	2.2978	0.553092	1
cg06693575	3.65353	8.88059	2.16061	1
cg00096747	3.60916	4.1699	1.02699	1
cg01153186	3.5754	3.11811	0.7752	1
cg18391610	93.748	71.8186	0.680961	1
cg02283106	40.7545	75.8913	1.65525	1
cg05059994	37.9024	22.4843	0.527302	1
cg08195028	33.7239	85.4789	2.25304	1
cg22702707	26.2613	65.3459	2.21182	1
cg00931201	23.5642	84.3224	3.18081	1
cg18430208	34.5899	63.814	1.38365	1
cg12386568	15.5584	147.064	8.27081	1
cg12978205	10.4898	40.787	3.45624	1
cg25376316	11.4902	39.8751	2.69916	1
cg25954223	7.01374	94.8448	12.0202	1
cg05532403	4.95819	35.6815	6.39687	1
cg00221961	4.42428	8.13399	1.63421	1
cg06037923	6.43038	0.846461	0.117009	1
cg16431191	4.955	34.1133	6.11965	1
cg25919221	13.9616	12.4683	0.793814	1
cg09363991	10.1378	4.96271	0.435135	1
cg24052039	8.9322	8.84147	0.87986	1
cg04785083	8.38417	4.59982	0.487673	1
cg07601804	7.10264	6.60746	0.826917	1
cg05703096	7.33575	8.01061	0.970663	1
cg10373196	6.77512	2.60054	0.341188	1
cg10026203	5.66215	4.45697	0.69969	1
cg06178179	4.85962	4.81879	0.881422	1
cg27078786	4.64864	12.5951	2.40837	1
cg11258532	4.49689	2.59023	0.512005	1
cg07095264	6.02584	36.5184	3.78769	1
cg03469521	3.62405	7.69049	1.88629	1
cg16303453	5.67356	2.93861	0.460399	1
cg05552717	4.47147	0.950903	0.189031	1
cg08623062	27.5337	3.43	0.110733	1
cg08919494	6.98714	1.53745	0.195591	1
cg21633026	5.84407	3.74721	0.569955	1
cg15711016	5.46681	4.09447	0.665749	1
cg20910102	4.20772	6.3098	1.33296	1
cg16288617	4.11601	2.21258	0.477825	1
cg13849253	18.0218	8.54812	0.42162	1
cg06908460	13.8881	7.88254	0.504511	1
cg09566069	3.9896	9.26609	2.0645	1
cg06852824	24.2073	26.8944	0.987557	1
cg10601057	16.868	6.84197	0.360551	1
cg06874144	6.31884	10.9481	1.5401	1
cg01413054	6.28023	17.1007	2.42039	1
cg21039723	5.51527	18.6545	3.00652	1
cg10560317	4.80111	2.39458	0.443338	1
cg15442058	4.25776	13.6891	2.85785	1
cg04089197	3.91085	0.931458	0.211709	1
cg20724690	3.86221	7.89202	1.81635	1
cg25122433	3.71166	3.21466	0.769866	1
cg14704078	26.4465	24.6312	0.827874	1
cg04874511	7.32231	4.09852	0.497539	1
cg21218957	5.6223	8.35587	1.32107	1
cg23539701	5.03545	6.39988	1.12975	1
cg01427300	4.24546	7.46308	1.56257	1
cg18393014	11.0278	2.49968	0.201486	1
cg00919994	5.08129	12.7655	2.51225	1
cg25756590	3.8504	1.37139	0.316593	1
cg11731939	27.6787	2.60778	0.0837476	1
cg13088465	11.1487	4.68407	0.373463	1
cg13689831	8.95976	14.3521	1.42386	1
cg07823920	8.80495	9.69124	0.978363	1
cg00458793	8.66489	11.8564	1.21629	1
cg01056590	8.46316	1.66271	0.174635	1
cg07573715	4.83409	2.96667	0.545509	1
cg07835094	3.74118	5.30978	1.26158	1
cg10399369	4.69319	21.8417	4.1368	1
cg04844120	27.1156	12.57	0.412063	1
cg03635685	8.18306	9.68581	1.05213	1
cg03340889	10.8672	13.1522	0.672369	1
ch.22.217069R	5.1846	16.981	2.91135	1
cg07336442	3.90458	2.36744	0.538956	1
cg12198042	3.82628	2.13166	0.49521	1
cg19307232	3.46108	3.56214	0.914844	1
cg22158648	5.80912	18.4589	2.8245	1
cg06340447	7.52436	7.20444	0.851095	1
cg05384868	6.09851	11.7042	1.70595	1
cg17143518	4.23097	0.495836	0.104171	1
cg18519927	4.42766	8.35398	1.46749	1
cg06230674	3.69545	5.29415	1.27343	1
cg13495850	3.42533	7.94307	2.06126	1
cg07716322	9.0197	20.4032	2.01073	1
cg13313047	4.76171	20.0972	3.75162	1
cg18793086	3.77504	12.4036	2.92061	1
cg26136497	3.71658	11.5898	2.77191	1
cg17905132	74.78	0.655134	0.0077874	1
cg15674680	37.0134	1.72134	0.0413384	1
cg22541963	12.5891	1.35131	0.0954128	1
cg11087660	12.3209	16.8893	1.21847	1
cg22633769	9.55721	3.78148	0.351705	1
cg01810347	7.89847	2.31149	0.260134	1
cg08964912	7.27655	1.1716	0.143121	1
cg17484976	7.1298	1.6964	0.211494	1
cg22451887	5.09924	2.36645	0.412515	1
cg20646120	4.24322	6.77203	1.41864	1
cg21589173	4.51707	9.46762	1.86308	1
cg17212502	4.22931	7.56101	1.58913	1
cg18477009	3.77203	6.00746	1.41568	1
cg25969992	5.99988	5.99248	0.887792	1
cg19500979	12.9783	9.64831	0.660814	1
cg19486507	9.5547	7.79942	0.725593	1
cg03564748	8.50523	21.3835	2.2348	1
cg07612416	5.34832	2.03445	0.338125	1
cg07954316	3.7597	9.80733	2.3187	1
cg24626165	6.92832	12.3166	1.5802	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05899064	CABP4	0.0282659	0.058977	0.489645	-2.04229	0.406689	1.32874	1.32874	0.356528	1.37375	1.37375	0.744037	1.11595	1.11595	0.0187978	0.385511	-2.59396
cg14803802	CABP4;GPR152	0.00747161	0.0592811	0.756436	-1.32199	0.0260351	0.707317	-1.41379	0.286481	0.864933	-1.15616	0.115997	0.799355	-1.25101	0.0141259	0.672308	-1.48741
cg09422355	CABP5	0.000218693	0.0163351	0.697653	-1.43338	0.541082	0.92693	-1.07883	0.0569255	0.767805	-1.30241	0.125137	0.815814	-1.22577	2.30E-06	0.243409	-4.1083
cg08479675	CABP5	0.00102117	0.911162	0.970757	-1.03012	0.0394234	1.88439	1.88439	0.0517946	0.555144	-1.80133	0.894655	1.03586	1.03586	0.00350913	0.348924	-2.86596
cg05308117	CABP5	0.00117657	0.509753	0.780432	-1.28134	0.000140991	0.0875628	-11.4204	0.110095	0.524337	-1.90717	0.00439694	0.244195	-4.09509	0.000334689	0.117082	-8.54106
cg26955996	CABP5	0.00774728	0.180829	0.561249	-1.78174	0.0686546	0.436729	-2.28975	0.0185458	0.31329	-3.19193	0.61747	1.22714	1.22714	0.00015411	0.0716253	-13.9616
cg18534730	CABP5	0.0111218	0.929241	1.04133	1.04133	0.0060296	0.19481	-5.13321	0.0625552	0.384586	-2.6002	0.162036	0.506259	-1.97527	0.0839252	0.418121	-2.39165
cg04309885	CABP5	0.016019	0.0148601	0.109837	-9.10437	0.00501178	0.0647533	-15.4432	0.0761482	0.233467	-4.28326	0.132107	0.301774	-3.31374	0.00572134	0.069193	-14.4523
cg12840502	CABP7	0.000431484	0.111373	0.775257	-1.28989	0.692646	1.06005	1.06005	0.0360871	1.43022	1.43022	0.189559	0.815478	-1.22628	0.00655389	0.595469	-1.67935
cg19104475	CABP7	0.00428822	0.0396801	0.804912	-1.24237	0.00526591	0.714842	-1.39891	0.00525025	0.71471	-1.39917	0.000248734	0.57597	-1.7362	0.316096	0.909766	-1.09918
cg07436224	CABP7	0.0135853	0.0567007	0.483409	-2.06864	0.0405192	0.450582	-2.21935	0.254625	0.669751	-1.49309	0.495632	1.26258	1.26258	0.000735716	0.177561	-5.63186
cg24533913	CABP7	0.0167258	0.107123	1.51579	1.51579	0.0557561	1.66954	1.66954	0.334711	1.26525	1.26525	0.0513603	0.591786	-1.6898	0.8318	1.05158	1.05158
cg11284747	CABP7	0.0227725	0.0450389	0.410734	-2.43466	0.255893	0.632009	-1.58226	0.0234989	0.351056	-2.84855	0.927461	0.965385	-1.03586	0.00116285	0.157993	-6.32939
cg10941566	CABP7	0.0230282	0.153569	0.416058	-2.40351	0.796138	0.861926	-1.16019	0.00982029	6.50961	6.50961	0.276967	1.91351	1.91351	0.00619109	0.12889	-7.75856
cg15868105	CABP7	0.0253033	0.802529	1.07571	1.07571	0.862525	1.05178	1.05178	0.0125556	2.47008	2.47008	0.705438	0.895288	-1.11696	0.628019	0.867437	-1.15282
cg21978251	CABYR;CABYR;CABYR;CABYR;CABYR	0.0384692	0.036681	0.497889	-2.00848	0.455653	0.803895	-1.24394	0.0895457	0.584061	-1.71215	0.622158	0.867015	-1.15338	0.0029561	0.309674	-3.22921
cg06241779	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.00640899	0.00220371	0.50433	-1.98283	0.0208241	0.641641	-1.5585	0.0236339	0.64985	-1.53882	0.844237	1.03187	1.03187	0.000468868	0.416021	-2.40372
cg24928995	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0085484	0.678532	0.821391	-1.21745	0.0022507	8.43015	8.43015	0.000340267	19.099	19.099	0.584831	1.29773	1.29773	0.879531	0.930954	-1.07417
cg19966472	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.00898158	0.00359376	0.169081	-5.91432	0.0285535	0.312017	-3.20495	0.0961508	0.438832	-2.27878	0.180877	0.527062	-1.89731	0.00175633	0.13403	-7.461
cg21026022	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0091304	0.00281002	0.240483	-4.1583	0.126388	0.564137	-1.77262	0.0664813	0.490434	-2.03901	0.347805	0.715587	-1.39745	0.0040268	0.262492	-3.80964
cg26920905	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0104493	0.422196	0.869983	-1.14945	0.101897	0.737733	-1.3555	0.0234473	0.631347	-1.58392	0.164422	1.28661	1.28661	0.066219	0.704661	-1.41912
cg03638874	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0153642	0.07698	0.577609	-1.73127	0.828884	1.06227	1.06227	0.687545	1.11945	1.11945	0.857903	0.951211	-1.05129	0.113244	0.618135	-1.61777
cg00012238	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0320047	0.63301	0.84309	-1.18611	0.884401	0.949692	-1.05297	0.0288778	0.400844	-2.49474	0.0246166	2.58481	2.58481	0.433812	0.753244	-1.32759
cg24703660	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0381391	0.0725763	0.570125	-1.754	0.00704383	0.376426	-2.65656	0.00786309	0.384228	-2.60262	0.903004	0.966382	-1.03479	0.541681	0.840905	-1.18919
cg24447438	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.000222751	4.31E-06	0.00880223	-113.608	0.800513	1.11959	1.11959	0.0254328	3.2706	3.2706	0.273376	0.601373	-1.66286	0.920813	1.04536	1.04536
cg14121747	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.037519	0.879479	0.896778	-1.1151	0.224554	2.49929	2.49929	0.107521	3.52963	3.52963	0.401751	1.85188	1.85188	0.00121201	0.0333164	-30.0152
cg24639703	CACHD1	1.85E-05	0.000135632	0.464327	-2.15366	0.000171976	0.476519	-2.09855	1.04E-05	0.334356	-2.99083	0.000568898	0.538009	-1.85871	0.25101	0.869981	-1.14945
cg19304410	CACHD1	4.65E-05	0.0379685	0.516343	-1.9367	0.000105093	6.56948	6.56948	0.0183976	0.455776	-2.19406	0.226922	0.705739	-1.41695	0.0174962	0.451802	-2.21336
cg02284587	CACHD1	7.92E-05	0.715991	1.15832	1.15832	0.000275035	10.9829	10.9829	0.16904	0.554664	-1.80289	0.898279	0.949856	-1.05279	0.616738	0.816304	-1.22503
cg11750112	CACHD1	0.000169265	0.00118618	0.23687	-4.22173	0.000882612	0.220929	-4.52634	0.00172836	0.258161	-3.87355	0.00127432	0.240837	-4.15218	0.000106891	0.126082	-7.93137
cg15255399	CACHD1	0.00133458	0.0895019	1.15363	1.15363	0.198632	1.10927	1.10927	0.0353795	1.20566	1.20566	9.98E-05	0.590411	-1.69374	0.0665786	1.17003	1.17003
cg23617193	CACHD1	0.00269478	0.00839018	0.286595	-3.48924	0.0964058	1.96884	1.96884	0.837853	1.07901	1.07901	0.932463	1.03196	1.03196	0.498712	0.775014	-1.2903
cg04400131	CACHD1	0.00324647	0.000687502	0.167293	-5.97754	0.0141569	0.351961	-2.84123	0.132847	0.57157	-1.74957	0.0547198	0.471588	-2.1205	0.00541205	0.282878	-3.5351
cg00825690	CACHD1	0.0037939	0.00298389	0.16935	-5.90492	0.00686482	0.217421	-4.59938	0.0347011	0.341908	-2.92476	0.0897639	0.442514	-2.25982	0.00133909	0.131071	-7.62944
cg17181043	CACHD1	0.00759376	0.00531952	0.51842	-1.92894	0.0741579	0.70049	-1.42757	0.205996	0.78769	-1.26953	0.631805	1.09021	1.09021	0.00109411	0.422478	-2.36699
cg12730853	CACHD1	0.00770509	0.105447	0.428213	-2.33529	0.0177476	3.98441	3.98441	0.675668	0.817295	-1.22355	0.302414	1.66904	1.66904	0.00678152	0.185925	-5.37851
cg03330820	CACHD1	0.0103668	0.378081	1.12263	1.12263	0.124743	0.808495	-1.23687	0.00250625	0.584486	-1.7109	0.0460161	0.746409	-1.33975	0.682151	1.05408	1.05408
cg11746396	CACHD1	0.0105739	0.0991042	0.510365	-1.95938	0.0098998	0.297502	-3.36133	0.00138859	0.178352	-5.6069	0.316667	0.680372	-1.46978	0.0406091	0.414964	-2.40985
cg24306340	CACHD1	0.0119303	0.0243379	0.332182	-3.0104	0.00438808	0.209679	-4.76921	0.25868	0.616343	-1.62247	0.1101	0.489126	-2.04446	0.0166768	0.301143	-3.32068
cg05120074	CACHD1	0.0130775	0.00711753	0.70019	-1.42818	0.126687	0.844198	-1.18456	0.0733311	1.22718	1.22718	0.919288	0.989663	-1.01045	0.0080393	0.706019	-1.41639
cg00013899	CACHD1	0.0132999	0.134288	1.25389	1.25389	0.277643	0.853683	-1.17139	0.58494	1.08035	1.08035	0.167939	1.22865	1.22865	0.840768	0.972207	-1.02859
cg01521258	CACHD1	0.0179937	0.09224	0.352238	-2.83899	0.011708	0.169758	-5.89075	0.408977	0.621583	-1.6088	0.0507702	0.285619	-3.50116	0.0150574	0.185956	-5.37763
cg13679776	CACHD1	0.0190706	0.708327	0.955131	-1.04698	0.536625	0.926414	-1.07943	0.724599	1.04416	1.04416	0.0753223	0.785146	-1.27365	0.528962	1.08103	1.08103
cg10381153	CACHD1	0.0197852	0.109214	0.472158	-2.11793	0.430197	1.41336	1.41336	0.187131	1.82346	1.82346	0.670196	1.2021	1.2021	0.00222334	0.15864	-6.30358
cg25021456	CACHD1	0.0203894	0.767503	0.94782	-1.05505	0.0633035	0.68556	-1.45866	0.00127005	0.427447	-2.33947	0.939243	1.01387	1.01387	0.298855	1.21488	1.21488
cg03068051	CACHD1	0.0204318	0.20469	0.719091	-1.39064	0.0170819	2.04702	2.04702	0.876577	1.03904	1.03904	0.426821	1.22131	1.22131	0.00719342	0.425335	-2.35109
cg20876010	CACHD1	0.0224828	0.0432421	0.361666	-2.76498	0.213565	1.77335	1.77335	0.714406	0.851499	-1.1744	0.45275	0.715647	-1.39734	0.326791	0.642239	-1.55705
cg26262482	CACHD1	0.0244666	0.0277853	0.259611	-3.85192	0.00572609	0.152834	-6.54306	0.0315402	0.27049	-3.697	0.0870723	0.375406	-2.66378	0.00750319	0.167886	-5.95644
cg26224018	CACHD1	0.0265174	0.0111944	0.25579	-3.90946	0.261532	0.605196	-1.65236	0.0343773	0.346973	-2.88207	0.857031	0.925568	-1.08042	0.0124211	0.263281	-3.79823
cg21912203	CACHD1	0.0326683	0.224447	0.821427	-1.21739	0.148795	0.787649	-1.2696	0.970564	0.994328	-1.0057	0.870915	0.975242	-1.02539	0.0500065	1.41133	1.41133
cg03202416	CACHD1	0.0373128	0.474827	0.901842	-1.10884	0.111938	1.27899	1.27899	0.996352	0.99935	-1.00065	0.488514	0.904805	-1.10521	0.392896	1.13249	1.13249
cg15132650	CACHD1	0.0380421	0.831517	0.929321	-1.07605	0.0826406	1.93733	1.93733	0.259927	1.49826	1.49826	0.666725	0.861518	-1.16074	0.907485	0.960793	-1.04081
cg15138712	CACHD1	0.045126	0.0438896	0.51545	-1.94005	0.00303684	0.312819	-3.19674	0.111675	0.609123	-1.64171	0.976036	0.991442	-1.00863	0.115332	0.612703	-1.63211
cg10613332	CACNA1A;CACNA1A	0.000354157	0.0211178	0.664534	-1.50481	0.36715	0.872381	-1.14629	0.623137	0.929606	-1.07572	0.0399045	0.704666	-1.41911	5.26E-05	0.328397	-3.0451
cg24891846	CACNA1A;CACNA1A	0.000522558	5.96E-05	0.105515	-9.47733	0.000254065	0.161067	-6.20858	0.0987175	0.57786	-1.73052	0.0790326	0.55393	-1.80528	0.000310619	0.169956	-5.88389
cg11660879	CACNA1A;CACNA1A	0.000670232	0.000269223	0.0544393	-18.3691	0.00041052	0.0650604	-15.3703	0.0207154	0.257572	-3.88241	0.0447804	0.325666	-3.07063	0.000246302	0.052379	-19.0916
cg27272547	CACNA1A;CACNA1A	0.000934719	0.136971	1.44562	1.44562	0.342675	1.25221	1.25221	0.64882	1.11124	1.11124	0.472294	1.18316	1.18316	2.77E-05	0.149645	-6.68248
cg12102973	CACNA1A;CACNA1A	0.00292812	0.716381	0.909981	-1.09892	0.0377676	0.536375	-1.86437	0.571866	0.862694	-1.15916	0.0388167	1.85617	1.85617	0.000193794	0.19755	-5.062
cg15639581	CACNA1A;CACNA1A	0.0048535	0.00140735	0.23152	-4.31929	0.000847603	0.204502	-4.88993	0.00455862	0.302585	-3.30486	0.25714	0.687833	-1.45384	0.0337096	0.456238	-2.19184
cg03697708	CACNA1A;CACNA1A	0.00540557	0.959314	1.00912	1.00912	0.0204186	1.64418	1.64418	0.0122435	1.74252	1.74252	0.440127	1.15039	1.15039	0.00189577	0.456906	-2.18864
cg22304399	CACNA1A;CACNA1A	0.0092035	0.00361302	0.0678629	-14.7356	0.00354437	0.0672437	-14.8713	0.0874601	0.275675	-3.62746	0.0864599	0.27432	-3.64538	0.00248632	0.0566223	-17.6609
cg00007326	CACNA1A;CACNA1A	0.00989657	0.434126	1.12058	1.12058	0.0218253	1.48085	1.48085	0.00254384	1.81738	1.81738	0.921396	1.01418	1.01418	0.60799	1.0766	1.0766
cg07533824	CACNA1A;CACNA1A	0.0120979	0.00248699	0.164685	-6.07221	0.866451	0.930332	-1.07489	0.247518	1.67992	1.67992	0.00789703	0.231784	-4.31436	0.0137678	0.270761	-3.6933
cg07855933	CACNA1A;CACNA1A	0.0124737	0.228059	0.645154	-1.55002	0.00884658	0.315256	-3.17202	0.206836	0.63055	-1.58592	0.0248892	0.396623	-2.52129	0.0037852	0.258405	-3.86989
cg07998325	CACNA1A;CACNA1A	0.0138516	0.00450163	0.201105	-4.97252	0.587253	1.26132	1.26132	0.322623	0.64871	-1.54152	0.469615	0.732263	-1.36563	0.00143074	0.141798	-7.05228
cg07982896	CACNA1A;CACNA1A	0.0169413	0.272119	1.34437	1.34437	0.498875	0.837177	-1.19449	0.119197	0.645484	-1.54922	0.0998934	0.627033	-1.59481	0.596274	1.14844	1.14844
cg24800175	CACNA1A;CACNA1A	0.023274	0.0768635	1.98095	1.98095	0.0501076	2.17292	2.17292	0.637119	1.1795	1.1795	0.447514	1.30861	1.30861	0.139324	0.575357	-1.73805
cg17509220	CACNA1A;CACNA1A	0.0238461	0.227934	1.37101	1.37101	0.397929	1.24086	1.24086	0.905293	0.970759	-1.03012	0.731521	1.08967	1.08967	0.933323	1.02108	1.02108
cg27555529	CACNA1A;CACNA1A	0.0287708	0.0367159	2.56722	2.56722	0.482598	1.31947	1.31947	0.229887	1.63134	1.63134	0.470114	1.33038	1.33038	0.0795207	0.469497	-2.12994
cg16707895	CACNA1A;CACNA1A	0.0297587	0.675198	1.30438	1.30438	0.0276842	5.16198	5.16198	0.249057	2.13757	2.13757	0.745404	0.814289	-1.22806	0.0123965	0.140477	-7.11862
cg01255513	CACNA1A;CACNA1A	0.0308771	0.733076	0.890492	-1.12298	0.354493	0.724163	-1.3809	0.874859	0.948002	-1.05485	0.00764409	0.312928	-3.19562	0.466549	0.777995	-1.28535
cg14090219	CACNA1A;CACNA1A	0.0348841	0.587627	0.811203	-1.23274	0.0419394	2.44942	2.44942	0.694388	1.16289	1.16289	0.572022	0.803951	-1.24386	0.0210815	0.34641	-2.88675
cg05366189	CACNA1A;CACNA1A	0.0354032	0.880378	1.05323	1.05323	0.0235891	0.394155	-2.53707	0.0192966	0.377333	-2.65018	0.404411	0.745417	-1.34153	0.00601799	0.290545	-3.4418
cg17509967	CACNA1A;CACNA1A;CACNA1A;CACNA1A	0.00575666	0.0162876	0.693363	-1.44225	0.289479	0.871918	-1.1469	0.05089	0.757862	-1.3195	0.80935	0.970318	-1.03059	0.108677	1.24373	1.24373
cg22491927	CACNA1A;CACNA1A;CACNA1A;CACNA1A	0.0243566	0.020879	0.487106	-2.05294	0.322057	0.767472	-1.30298	0.87667	1.041	1.041	0.101233	0.628582	-1.59088	0.443417	1.22405	1.22405
cg02849279	CACNA1B	1.80E-05	0.984443	0.997554	-1.00245	1.40E-05	3.12073	3.12073	0.00473358	1.6019	1.6019	0.000109327	2.35297	2.35297	0.913585	1.01373	1.01373
cg03912954	CACNA1B	0.000105314	0.861576	1.02545	1.02545	0.0961017	1.30098	1.30098	0.174989	1.23085	1.23085	0.105909	0.77547	-1.28954	0.534543	0.913413	-1.09479
cg14427972	CACNA1B	0.000739964	0.565901	0.867916	-1.15219	0.0982942	0.642362	-1.55676	0.000723414	0.284995	-3.50883	0.132274	0.672659	-1.48664	0.0139674	0.476604	-2.09818
cg07982825	CACNA1B	0.00313012	0.695292	1.09802	1.09802	0.0114846	2.11946	2.11946	0.00812832	0.447136	-2.23646	0.219267	1.3592	1.3592	0.00392331	0.397692	-2.51451
cg14241045	CACNA1B	0.00569412	0.0716203	1.56535	1.56535	0.0435252	0.596264	-1.67711	0.00343931	0.412648	-2.42338	0.0901086	0.659612	-1.51604	0.112193	0.680266	-1.47001
cg13425279	CACNA1B	0.00690669	0.869378	0.939838	-1.06401	0.955918	0.979376	-1.02106	0.95373	0.978362	-1.02212	0.0259318	0.369072	-2.7095	0.0553972	0.44104	-2.26737
cg21176398	CACNA1B	0.00747863	0.0145109	2.03082	2.03082	0.0418689	1.73625	1.73625	0.802276	1.0608	1.0608	0.473635	0.842443	-1.18702	0.0278102	1.84354	1.84354
cg13960084	CACNA1B	0.00891533	0.0535527	1.69315	1.69315	0.846915	0.954639	-1.04752	0.71622	1.09164	1.09164	0.728452	1.08732	1.08732	0.897462	0.969508	-1.03145
cg14502431	CACNA1B	0.012275	0.0398868	0.785501	-1.27307	0.272909	0.890494	-1.12297	0.00303734	0.661812	-1.511	0.0365571	1.2801	1.2801	0.0501607	0.796948	-1.25479
cg14380408	CACNA1B	0.0129126	0.988729	1.0019	1.0019	0.846364	0.974217	-1.02647	0.194905	0.831416	-1.20277	0.732383	0.954831	-1.04731	0.296613	0.8644	-1.15687
cg13811936	CACNA1B	0.0185242	0.0102105	0.399168	-2.50521	0.277953	1.37703	1.37703	0.0481107	0.526983	-1.89759	0.200195	0.681315	-1.46775	0.00623545	0.363874	-2.74821
cg14491707	CACNA1B	0.0200462	0.433221	1.28783	1.28783	0.0134076	0.368123	-2.71649	0.0175101	0.390267	-2.56235	0.616127	0.852491	-1.17303	0.00224408	0.240278	-4.16184
cg14022794	CACNA1B	0.020498	0.00403374	0.275109	-3.63493	0.0460589	0.46586	-2.14657	0.0154526	0.37053	-2.69883	0.0226165	0.401655	-2.4897	0.00712505	0.313045	-3.19443
cg13782905	CACNA1B	0.0266554	0.156342	0.533682	-1.87378	0.0791775	0.446139	-2.24145	0.0506801	0.397669	-2.51465	0.0809092	0.448646	-2.22893	0.000905271	0.127989	-7.81318
cg00378292	CACNA1B	0.03592	0.00327662	0.403426	-2.47877	0.200449	0.736153	-1.35841	0.0146358	0.506175	-1.9756	0.864808	0.962137	-1.03935	0.0122087	0.492981	-2.02848
cg14040034	CACNA1B	0.036427	0.580992	1.27577	1.27577	0.0067437	4.63913	4.63913	0.976675	1.01285	1.01285	0.786593	1.12587	1.12587	0.036531	0.345889	-2.8911
cg20669572	CACNA1B	0.0408974	0.400339	0.752224	-1.32939	0.426647	1.30793	1.30793	0.914203	1.03629	1.03629	0.107553	1.78757	1.78757	0.0170239	0.382033	-2.61757
cg06972578	CACNA1B	0.0461774	0.0311933	0.259813	-3.84892	0.488173	0.687008	-1.45559	0.501669	0.695242	-1.43835	0.103339	0.386864	-2.58489	0.0139381	0.198095	-5.0481
cg14038675	CACNA1B	0.0477052	0.093334	0.782713	-1.27761	0.0181184	1.46362	1.46362	0.551017	1.08336	1.08336	0.0426559	1.36308	1.36308	0.0740636	0.767807	-1.30241
cg09328283	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	2.96E-05	0.000938474	1.40265	1.40265	0.000260994	1.5092	1.5092	0.00538723	1.28552	1.28552	0.000306636	1.49457	1.49457	0.371658	0.939056	-1.0649
cg16728539	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	8.07E-05	0.000985218	0.252641	-3.95818	0.299665	0.739395	-1.35246	0.00140479	0.272741	-3.66649	0.00127716	0.267256	-3.74173	0.0171532	0.442235	-2.26124
cg07267600	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.000660074	0.000380682	0.123174	-8.11862	0.202414	1.6432	1.6432	0.0112807	0.309991	-3.2259	0.000637867	0.144384	-6.92598	0.0430072	0.423444	-2.36159
cg02306526	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.000739542	0.938687	0.987486	-1.01267	0.249397	0.821143	-1.21781	0.00327702	0.518921	-1.92708	0.964831	1.00724	1.00724	2.69E-05	0.257401	-3.88499
cg24591824	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.000823015	0.584374	0.929299	-1.07608	0.034015	1.38883	1.38883	0.000119725	2.44187	2.44187	0.682971	1.05602	1.05602	0.661977	0.943278	-1.06013
cg14898177	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0017546	0.206708	0.846188	-1.18177	0.978177	1.00344	1.00344	0.00565434	0.634211	-1.57676	0.109913	1.24425	1.24425	0.000114988	0.428114	-2.33582
cg10024799	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00186619	0.0153941	0.639039	-1.56485	0.0948723	0.758506	-1.31838	0.000158093	0.37795	-2.64585	0.392834	1.1409	1.1409	0.674058	1.06577	1.06577
cg23475725	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00232301	0.56763	0.867937	-1.15216	0.0503508	1.72791	1.72791	0.00121517	0.313156	-3.19329	0.0868346	0.628978	-1.58988	0.00083966	0.291813	-3.42685

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05899064	0.719252	0.886149	-1.12848	0.00280127	0.251789	-3.97158	0.107552	0.555379	-1.80057	0.358713	1.37166	1.37166	4.17385	7.41207	1.57852	1
cg14803802	0.138912	1.23222	1.23222	0.00168268	1.80147	1.80147	0.122491	0.803003	-1.24533	0.15533	0.819276	-1.22059	6.4817	1.76419	0.241938	1
cg09422355	0.550249	1.07694	1.07694	0.102205	0.803046	-1.24526	0.652055	1.05724	1.05724	0.00504255	0.634551	-1.57592	17.931	4.27106	0.211728	1
cg08479675	9.60E-05	0.157904	-6.33298	0.654473	1.12726	1.12726	0.0138485	0.445406	-2.24514	0.00107054	0.276579	-3.61561	11.6968	13.0998	0.99551	1
cg05308117	0.0394312	0.413426	-2.41881	0.0614261	0.457857	-2.18409	0.000952162	0.161112	-6.20686	0.00917343	0.293287	-3.40963	11.2348	24.4551	1.93487	1
cg26955996	0.426711	0.718989	-1.39084	0.189945	0.568739	-1.75828	0.706047	1.16653	1.16653	0.0829801	0.458254	-2.18219	6.40848	16.7719	2.32635	1
cg18534730	0.0521179	0.365203	-2.73821	0.000374658	0.0747545	-13.3771	0.851876	0.918304	-1.08896	0.167923	0.511681	-1.95434	5.71221	18.8065	2.92651	1
cg04309885	0.0223635	0.132974	-7.52028	0.00842434	0.0837102	-11.946	0.0187471	0.122492	-8.16382	0.165245	0.335831	-2.97768	5.06899	43.6281	7.65055	1
cg12840502	1.45E-05	3.75857	3.75857	0.0994851	1.30349	1.30349	0.0344604	0.696254	-1.43626	0.790126	0.961601	-1.03993	14.8856	5.07995	0.303347	1
cg19104475	0.190691	0.881241	-1.13476	0.0164064	0.765211	-1.30683	0.00567774	0.718181	-1.39241	0.0525528	0.817829	-1.22275	7.68922	1.01375	0.117191	1
cg07436224	0.0070544	0.309263	-3.2335	0.036208	0.440085	-2.27229	0.137831	0.583623	-1.71344	0.25136	0.667736	-1.4976	5.35246	9.62728	1.59881	1
cg24533913	0.93504	1.01946	1.01946	0.00273888	0.376137	-2.6586	0.0826952	0.63479	-1.57532	0.087688	1.56169	1.56169	4.99657	4.42547	0.78729	1
cg11284747	0.0172782	0.325633	-3.07094	0.173061	0.570689	-1.75227	0.717733	0.86897	-1.15079	0.0559853	0.432773	-2.31068	4.50024	10.6681	2.10717	1
cg10941566	0.215895	2.11166	2.11166	0.930505	0.951172	-1.05133	0.0436816	0.264242	-3.78441	0.732299	1.21782	1.21782	4.48296	23.3862	4.63706	1
cg15868105	0.00147156	3.80771	3.80771	0.399444	0.777824	-1.28564	0.258947	0.709598	-1.40925	0.397651	0.777044	-1.28693	4.33898	5.83021	1.19438	1
cg21978251	0.30934	0.73916	-1.35289	0.0127337	0.410964	-2.4333	0.713533	0.89949	-1.11174	0.0345198	0.492512	-2.03041	3.73631	4.88377	1.16188	1
cg06241779	0.104158	0.753233	-1.32761	0.0153486	0.622123	-1.6074	0.0742804	0.72816	-1.37333	0.160115	0.787113	-1.27047	6.79904	2.73969	0.35818	1
cg24928995	0.976699	1.01387	1.01387	0.863257	1.08472	1.08472	0.499432	1.38281	1.38281	0.852342	0.915851	-1.09188	7.0948	24.4723	2.68282	1
cg19966472	0.0253267	0.301635	-3.31527	0.0196737	0.280769	-3.56165	0.378218	1.50315	1.50315	0.0111633	0.238412	-4.19443	6.11635	19.6852	2.86085	1
cg21026022	0.329001	0.705554	-1.41733	0.0127883	0.342786	-2.91727	0.00220656	0.226419	-4.41659	0.0110093	0.331476	-3.01681	6.08452	11.5494	1.68725	1
cg26920905	0.0987602	0.735263	-1.36006	0.000366386	0.379227	-2.63695	0.096603	0.733526	-1.36328	0.0719109	0.710839	-1.40679	5.82797	2.6639	0.4063	1
cg03638874	0.968461	0.989026	-1.0111	0.00037693	0.20471	-4.88497	0.434734	1.24912	1.24912	0.213934	1.44083	1.44083	5.13972	6.34077	1.0966	1
cg00012238	0.771514	0.901846	-1.10884	0.00290308	0.234029	-4.27297	0.226026	0.636953	-1.56998	0.463483	0.767391	-1.30312	3.99367	7.96229	1.7722	1
cg24703660	0.481682	0.818249	-1.22212	0.0338413	0.499104	-2.00359	0.0396104	0.513003	-1.94931	0.0518394	0.537619	-1.86005	3.74812	4.67003	1.10753	1
cg24447438	0.00115007	0.11865	-8.42813	0.0933878	0.438976	-2.27803	0.436387	1.42509	1.42509	0.847025	0.917443	-1.08999	17.8416	56.241	2.80199	1
cg14121747	0.964949	1.03205	1.03205	0.501831	1.63139	1.63139	0.81575	0.845697	-1.18246	0.617521	1.43546	1.43546	3.77065	30.7879	7.25791	1
cg24639703	1.33E-05	0.346729	-2.88409	8.00E-06	0.321546	-3.10997	0.286148	1.13728	1.13728	0.000363309	0.514961	-1.94189	34.5575	7.38128	0.189861	1
cg19304410	3.96E-05	8.66766	8.66766	3.77E-05	8.79208	8.79208	0.0266905	0.486084	-2.05726	0.0212915	0.467489	-2.13909	27.1354	32.4343	1.06247	1
cg02284587	0.000120613	14.9162	14.9162	2.95E-06	88.7539	88.7539	0.955113	0.977613	-1.0229	0.0928147	2.10407	2.10407	23.5595	60.3716	2.27779	1
cg11750112	0.00333586	0.298118	-3.35438	1.55E-05	0.0666376	-15.0065	0.00158561	0.253186	-3.94967	0.00179626	0.260405	-3.84017	19.2199	27.9364	1.29201	1
cg15255399	0.0477762	0.841328	-1.1886	0.00597335	0.760066	-1.31567	0.319376	0.924454	-1.08172	0.083973	0.864186	-1.15716	10.8373	1.00018	0.0820365	1
cg23617193	0.0670398	2.14217	2.14217	0.000202577	10.1031	10.1031	0.502792	0.776946	-1.28709	0.0151045	0.330196	-3.02851	8.83444	19.2705	1.93892	1
cg04400131	0.0610336	0.482757	-2.07144	0.00160706	0.210009	-4.76169	0.000765044	0.172321	-5.80311	0.201685	0.628095	-1.59211	8.35946	15.7532	1.67509	1
cg00825690	0.0174413	0.283214	-3.53089	0.000734306	0.106843	-9.35952	0.0519397	0.381374	-2.6221	0.00762514	0.224152	-4.46127	7.97852	24.0104	2.67501	1
cg17181043	0.249313	1.24036	1.24036	0.0293772	1.58252	1.58252	0.349095	1.1882	1.1882	0.780245	0.951196	-1.05131	6.44885	3.2686	0.450534	1
cg12730853	0.369627	0.642883	-1.55549	0.00118925	0.102425	-9.76324	0.961259	1.02356	1.02356	0.0402594	0.321031	-3.11496	6.41948	23.3751	3.2367	1
cg03330820	0.0495569	0.750817	-1.33188	0.139475	0.815941	-1.22558	0.110383	0.800481	-1.24925	0.000998848	0.535202	-1.86845	5.84282	1.514	0.23033	1
cg11746396	0.0723836	0.474304	-2.10835	0.00931964	0.293159	-3.41112	0.105412	1.93117	1.93117	0.745678	0.885969	-1.12871	5.80584	12.7264	1.94844	1
cg24306340	0.0620686	0.422034	-2.36948	0.0019448	0.165326	-6.04865	0.00652443	0.23422	-4.2695	0.0381921	0.372862	-2.68196	5.58404	14.9138	2.37404	1
cg05120074	0.0437633	0.788504	-1.26822	0.256297	1.12916	1.12916	0.0728442	1.2277	1.2277	0.0974489	0.829904	-1.20496	5.41961	0.902134	0.147962	1
cg00013899	0.00382972	1.72676	1.72676	0.635173	0.935222	-1.06926	0.0322008	1.42121	1.42121	0.00478076	0.591681	-1.6901	5.38981	1.67597	0.276402	1
cg01521258	0.249651	0.507928	-1.96878	0.00169333	0.0800271	-12.4958	0.0165082	0.192205	-5.20279	0.0309672	0.240224	-4.16278	4.8757	24.4803	4.463	1
cg13679776	0.134173	1.21812	1.21812	0.000658807	0.528665	-1.89156	0.141228	1.21322	1.21322	0.843157	0.976092	-1.02449	4.78107	1.1299	0.210069	1
cg10381153	0.749838	1.14734	1.14734	0.703467	1.17859	1.17859	0.0161642	3.54051	3.54051	0.114625	0.478428	-2.09018	4.72185	13.8056	2.59891	1
cg25021456	0.453724	1.14793	1.14793	0.0477453	1.5056	1.5056	0.125822	0.741245	-1.34908	0.299148	0.823232	-1.21472	4.67381	2.4187	0.460001	1
cg03068051	0.618348	0.883594	-1.13174	0.0143596	0.475356	-2.10368	0.0991365	1.5612	1.5612	0.448748	0.826779	-1.20951	4.67051	4.49118	0.85476	1
cg20876010	0.367832	1.4987	1.4987	0.00256198	6.23043	6.23043	0.289347	0.618136	-1.61777	0.0341052	0.339056	-2.94937	4.52011	13.6957	2.69328	1
cg26262482	0.533983	0.721357	-1.38628	0.0205721	0.235396	-4.24817	0.0289694	0.263147	-3.80016	0.0729697	0.354497	-2.8209	4.39	18.6949	3.78534	1
cg26224018	0.871126	0.932732	-1.07212	0.00828822	0.235092	-4.25366	0.324863	1.5466	1.5466	0.049171	0.381705	-2.61982	4.26856	12.4371	2.58991	1
cg21912203	0.00442516	1.79595	1.79595	0.0433552	1.43074	1.43074	0.101042	1.31894	1.31894	0.166232	1.25555	1.25555	3.96441	1.49204	0.334542	1
cg03202416	0.106179	0.778154	-1.28509	0.0124941	0.642893	-1.55547	0.04981	1.37447	1.37447	0.0326808	1.42662	1.42662	3.77824	1.20928	0.284502	1
cg15132650	0.114713	0.554231	-1.8043	0.00171866	0.214525	-4.66145	0.411348	1.3351	1.3351	0.626399	0.844692	-1.18386	3.75161	7.03301	1.66637	1
cg15138712	0.19413	0.674967	-1.48155	0.270847	1.38825	1.38825	0.403449	1.27717	1.27717	0.801801	0.930558	-1.07462	3.52184	4.56709	1.1527	1
cg10613332	0.000816941	0.475425	-2.10338	0.000448065	2.26126	2.26126	0.659692	1.06748	1.06748	0.0499816	0.719339	-1.39017	15.7182	5.40672	0.305759	1
cg24891846	0.0063888	0.341312	-2.92987	0.263175	0.702331	-1.42383	0.00169895	0.2572	-3.88803	0.00946062	0.369311	-2.70774	14.1165	20.5146	1.29176	1
cg11660879	0.00411977	0.153515	-6.51404	0.00067517	0.0795291	-12.574	0.00693149	0.182365	-5.48351	0.00525936	0.166569	-6.00353	13.1702	49.4765	3.33928	1
cg27272547	0.0134309	0.494495	-2.02226	0.0369696	1.74602	1.74602	0.542303	0.867708	-1.15246	0.0248023	0.540815	-1.84906	11.9937	10.0534	0.745092	1
cg12102973	0.386128	0.79477	-1.25823	0.750237	1.08608	1.08608	0.00952694	2.33736	2.33736	0.111192	1.56616	1.56616	8.61996	9.12574	0.941044	1
cg15639581	0.343633	1.36163	1.36163	0.033391	0.455385	-2.19594	0.115317	0.581744	-1.71897	0.0233204	0.424152	-2.35764	7.40546	11.7426	1.40948	1
cg03697708	0.00651874	1.87591	1.87591	0.139686	0.753656	-1.32687	0.158094	0.764496	-1.30805	0.828173	0.962058	-1.03944	7.16554	3.5937	0.4458	1
cg22304399	0.0339706	0.184417	-5.4225	0.00969077	0.106974	-9.34805	0.0262957	0.165336	-6.0483	0.0333874	0.183063	-5.46259	6.06912	44.8362	6.56675	1
cg00007326	0.00183558	1.88007	1.88007	0.00721078	1.63999	1.63999	0.0469871	1.38312	1.38312	0.594891	0.926295	-1.07957	5.9303	1.91132	0.286487	1
cg07533824	0.0314662	0.338748	-2.95205	0.0431055	0.368438	-2.71416	0.515334	1.32714	1.32714	0.0775991	0.431019	-2.32008	5.55882	16.2066	2.59154	1
cg07855933	0.0873431	0.520053	-1.92288	0.00301613	0.244505	-4.08989	0.297844	1.4533	1.4533	0.0456916	0.452212	-2.21135	5.50381	10.4595	1.68926	1
cg07998325	0.737017	0.866962	-1.15345	0.268287	1.62974	1.62974	0.0484219	0.384746	-2.59911	0.027362	0.330983	-3.0213	5.31848	15.1133	2.52592	1
cg07982896	0.11231	0.639188	-1.56449	0.0738867	0.59707	-1.67485	0.209913	1.40786	1.40786	0.00148975	3.27368	3.27368	4.97523	5.28065	0.943455	1
cg24800175	0.332987	1.41477	1.41477	0.0038178	3.87751	3.87751	0.0136005	2.88844	2.88844	0.166648	0.599096	-1.66918	4.46658	8.53913	1.69936	1
cg17509220	0.000373224	4.1335	4.1335	0.762284	0.927149	-1.07858	0.290349	0.760631	-1.3147	0.961215	0.987948	-1.0122	4.42925	4.36099	0.87519	1
cg27555529	0.0420831	2.48401	2.48401	0.0107375	0.287824	-3.47434	0.0901704	0.484086	-2.06575	0.894675	1.0528	1.0528	4.14785	9.91444	2.12468	1
cg16707895	0.989556	0.991781	-1.00829	0.00968799	0.126981	-7.87521	0.467387	1.59406	1.59406	0.154174	0.382186	-2.61653	4.09857	25.8087	5.59734	1
cg01255513	0.00576326	0.293505	-3.40709	0.00478672	0.28121	-3.55606	0.955687	0.981349	-1.01901	0.203305	0.634462	-1.57614	4.04515	7.35435	1.61606	1
cg14090219	0.338472	0.685872	-1.458	0.667353	1.17967	1.17967	0.00827193	0.275152	-3.63435	0.0343197	0.389262	-2.56896	3.87178	8.95525	2.05596	1
cg05366189	0.0177623	0.37057	-2.69854	0.0340398	0.426548	-2.3444	0.172506	0.60651	-1.64878	0.512454	0.795498	-1.25707	3.85112	7.23412	1.66973	1
cg17509967	0.00137364	1.78372	1.78372	0.0541108	1.31325	1.31325	0.809712	1.03053	1.03053	0.00917731	1.51046	1.51046	7.0283	1.72977	0.218768	1
cg22491927	0.00562155	2.56104	2.56104	0.0875233	1.62903	1.62903	0.25103	1.36381	1.36381	0.0907828	1.61938	1.61938	4.39687	4.66095	0.942277	1
cg02849279	0.839312	0.974825	-1.02583	5.75E-06	0.277448	-3.60428	0.00825268	1.52845	1.52845	0.00101046	1.84523	1.84523	34.8247	8.69837	0.222023	1
cg03912954	0.966632	0.993995	-1.00604	0.51597	1.09948	1.09948	1.04E-06	6.30116	6.30116	0.00949967	1.60496	1.60496	21.8359	7.16971	0.291862	1
cg14427972	0.695724	1.1007	1.1007	1.45E-05	0.110582	-9.04306	0.773159	0.931883	-1.0731	0.414895	0.815925	-1.2256	12.8099	12.0887	0.838846	1
cg07982825	0.0411051	0.571302	-1.75039	0.00154061	0.338837	-2.95127	0.568644	1.14667	1.14667	0.0314938	0.549244	-1.82068	8.45082	7.55271	0.794422	1
cg14241045	0.0120172	0.497646	-2.00946	0.00625509	0.452175	-2.21153	0.00682858	0.458136	-2.18276	0.150906	1.40904	1.40904	7.05197	5.54231	0.698599	1
cg13425279	0.684685	0.857346	-1.16639	0.000101299	0.0745056	-13.4218	0.952385	0.977739	-1.02277	0.215914	0.612023	-1.63392	6.64284	14.9531	2.00089	1
cg21176398	0.0227174	0.526484	-1.89939	0.00323564	2.57251	2.57251	0.00621612	2.31444	2.31444	0.607204	1.12974	1.12974	6.4798	5.67958	0.779117	1
cg13960084	0.0950153	1.5537	1.5537	0.325945	0.783797	-1.27584	0.000155957	4.735	4.735	0.668611	0.901742	-1.10897	6.13073	5.6014	0.812142	1
cg14502431	0.717193	0.963704	-1.03766	0.0231868	1.31767	1.31767	0.846355	0.980476	-1.01991	0.293849	1.11702	1.11702	5.53263	0.905196	0.145431	1
cg14380408	0.75105	0.958047	-1.04379	0.012477	1.5198	1.5198	0.000494502	0.479799	-2.08421	0.659743	1.06148	1.06148	5.44212	1.56284	0.255266	1
cg13811936	0.23061	1.4285	1.4285	0.19568	1.47411	1.47411	0.836999	1.06016	1.06016	0.0320853	0.490655	-2.03809	4.82823	6.14912	1.13207	1
cg14491707	0.643448	0.863172	-1.15852	0.00974045	0.342747	-2.91761	0.733031	0.897605	-1.11408	0.220651	0.664199	-1.50557	5.23682	8.07329	1.19905	1
cg14022794	0.135489	0.584132	-1.71194	0.0147215	0.366713	-2.72693	0.109445	0.558127	-1.79171	0.227926	0.655147	-1.52638	4.66537	8.24997	1.57186	1
cg13782905	0.732777	1.1525	1.1525	0.0792655	0.446267	-2.24081	0.86844	1.07106	1.07106	0.130302	0.508289	-1.96739	4.26081	11.5734	2.41444	1
cg00378292	0.915498	1.02433	1.02433	0.104806	0.669297	-1.49411	0.811984	0.947455	-1.05546	0.584875	0.88254	-1.13309	3.83093	3.11292	0.722289	1
cg14040034	0.678932	0.833733	-1.19943	0.0260951	0.315575	-3.16881	0.428455	1.42357	1.42357	0.122777	0.481665	-2.07613	3.81146	11.5214	2.68696	1
cg20669572	0.322599	0.713254	-1.40202	0.00820317	0.326736	-3.06057	0.125507	1.73041	1.73041	0.633447	1.17221	1.17221	3.65312	6.32842	1.53985	1
cg06972578	0.195606	0.48211	-2.07421	0.0031599	0.116495	-8.58407	0.114396	0.400383	-2.49761	0.12385	0.411332	-2.43113	3.49153	15.7126	4.00018	1
cg14038675	0.167294	1.21578	1.21578	0.184676	0.829661	-1.20531	0.281276	1.16025	1.16025	0.946583	1.00893	1.00893	3.44899	0.962291	0.248006	1
cg09328283	0.0511729	0.85879	-1.16443	6.77E-06	0.504147	-1.98355	0.00196017	0.740775	-1.34994	0.590073	1.03799	1.03799	30.562	2.27466	0.066158	1
cg16728539	0.237167	0.706189	-1.41605	4.29E-06	0.0507193	-19.7164	0.699781	0.896872	-1.11499	2.40E-05	0.0939126	-10.6482	23.4445	29.2972	1.1108	1
cg07267600	0.264405	0.65098	-1.53614	8.34E-05	0.0732949	-13.6435	0.432534	0.744096	-1.34391	0.00393404	0.238892	-4.18599	13.2266	28.5281	1.91721	1
cg02306526	0.103619	1.33824	1.33824	0.0105857	1.69262	1.69262	0.240051	0.817614	-1.22307	0.07676	0.724552	-1.38016	12.812	5.43708	0.377223	1
cg24591824	0.000228373	0.443601	-2.25428	0.0704417	1.30786	1.30786	0.746271	0.957821	-1.04404	0.258171	0.855032	-1.16955	12.4324	3.46944	0.248057	1
cg14898177	0.80572	1.03139	1.03139	0.0402102	1.34619	1.34619	0.234594	1.16912	1.16912	0.0115287	0.672835	-1.48625	10.0157	2.49489	0.221421	1
cg10024799	0.961903	0.992833	-1.00722	0.00156746	1.98198	1.98198	0.796462	1.03969	1.03969	0.231218	0.827696	-1.20817	9.83811	3.53327	0.319237	1
cg23475725	0.0441559	1.76279	1.76279	0.252679	1.34035	1.34035	0.0209813	1.9756	1.9756	0.86603	0.959448	-1.04227	9.22902	8.78608	0.846228	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03727754	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00304949	0.899505	1.04637	1.04637	0.0751674	0.491198	-2.03584	0.00294469	0.231083	-4.32746	0.0103386	0.31379	-3.18684	0.0136193	0.334523	-2.98933	0.000524603	0.14383	-6.95263	0.130226	1.79751	1.79751	0.478384	1.2951	1.2951	0.00839641	0.298799	-3.34673	8.51666	17.3632	1.81221	1
cg13371705	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00454312	0.0418253	0.395768	-2.52673	0.0153233	0.308474	-3.24176	0.00171958	0.170724	-5.8574	0.00391919	0.21567	-4.63671	0.0199575	0.329631	-3.0337	0.00129938	0.157088	-6.36585	0.0471417	0.40756	-2.45363	0.0138278	0.300561	-3.32711	0.00397587	0.216522	-4.61848	7.55582	18.6827	2.19789	1
cg07217499	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0053475	0.768254	0.929429	-1.07593	0.000869435	3.4467	3.4467	0.920741	0.975651	-1.02496	0.0313245	0.534939	-1.86937	0.00140334	0.317969	-3.14496	0.533842	0.855502	-1.1689	0.432988	1.21918	1.21918	0.692715	0.906309	-1.10338	0.231264	0.732707	-1.3648	7.1893	6.98504	0.863634	1
cg14870792	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00610252	0.887316	1.03253	1.03253	0.694579	1.09319	1.09319	0.000524746	3.38827	3.38827	0.597327	0.886591	-1.12792	0.117398	0.681125	-1.46816	0.017883	0.522101	-1.91534	0.0550072	0.611837	-1.63442	0.0297537	0.561257	-1.78172	0.185586	0.72837	-1.37293	6.90294	5.57402	0.717763	1
cg10031793	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00633748	0.776713	1.05035	1.05035	0.120657	0.747665	-1.3375	0.0264744	0.634744	-1.57544	0.0956678	0.728912	-1.37191	0.30923	1.19938	1.19938	0.0579943	1.44806	1.44806	0.000381212	2.66494	2.66494	0.813292	0.959949	-1.04172	0.214174	1.2535	1.2535	6.82273	3.22519	0.42019	1
cg02959759	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00668093	0.931899	0.968303	-1.03273	0.0864592	0.489816	-2.04158	0.00216315	0.197425	-5.06522	0.107843	0.51621	-1.9372	0.000724816	0.144077	-6.94074	0.0527868	0.436216	-2.29244	0.00278509	0.211455	-4.72914	0.981629	0.99136	-1.00871	0.214659	0.611225	-1.63606	6.7119	15.0974	1.99942	1
cg00506482	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00677561	0.080665	1.2158	1.2158	0.405383	0.91772	-1.08966	0.0305462	1.2922	1.2922	0.00137368	1.59716	1.59716	0.0246667	0.763505	-1.30975	0.0205071	1.3252	1.3252	0.088518	1.20868	1.20868	0.187687	1.15122	1.15122	0.0972395	0.832295	-1.2015	6.68259	1.0767	0.143217	1
cg03626208	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00708241	0.00101556	0.097435	-10.2632	0.00619081	0.181691	-5.50385	0.0213021	0.266561	-3.75148	0.0505583	0.344909	-2.89931	0.00529471	0.172741	-5.78902	0.519027	0.73176	-1.36657	0.0456692	0.33466	-2.98811	0.0878103	0.406521	-2.45989	0.00361946	0.152404	-6.56152	6.59101	23.8243	3.21303	1
cg09890339	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00771139	0.926424	1.02809	1.02809	0.346993	1.33702	1.33702	0.00461904	0.322907	-3.09687	0.440569	0.789863	-1.26604	0.00105682	0.233955	-4.27433	0.0493016	1.96007	1.96007	0.0990084	1.72023	1.72023	0.20371	1.49535	1.49535	0.771367	0.916318	-1.09132	6.41783	9.14359	1.26642	1
cg09068665	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00801765	0.677848	1.1087	1.1087	0.0964364	1.56965	1.56965	0.205575	1.39078	1.39078	0.570915	0.868087	-1.15196	0.821891	1.05727	1.05727	0.899074	0.969143	-1.03184	0.000159703	0.203175	-4.92187	0.346016	1.27089	1.27089	0.659795	1.11563	1.11563	6.33975	6.12635	0.858968	1
cg17401938	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00860037	0.400599	1.1284	1.1284	0.460051	0.899782	-1.11138	0.0160562	1.51244	1.51244	0.00071775	0.48535	-2.06037	0.0898387	0.769112	-1.3002	0.201053	1.20875	1.20875	0.486641	1.10433	1.10433	0.951239	0.991451	-1.00862	0.0361047	0.710204	-1.40805	6.20096	1.93589	0.277505	1
cg02140020	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.00928902	0.000291153	0.221434	-4.51602	0.421456	0.810916	-1.23317	0.126406	0.655736	-1.525	0.384733	0.796565	-1.25539	0.129409	0.658257	-1.51916	0.329428	1.29288	1.29288	0.112471	1.55426	1.55426	0.130623	1.51684	1.51684	0.97636	0.992466	-1.00759	6.0513	6.24254	0.916981	1
cg15397593	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0103662	0.117983	0.318169	-3.14299	0.223682	0.422137	-2.3689	0.0286518	0.175251	-5.70611	0.760947	0.813951	-1.22858	0.000435629	0.0234947	-42.5628	0.785894	0.832194	-1.20164	0.00836304	0.102989	-9.70978	0.0274224	0.172038	-5.81266	0.0261994	0.168755	-5.92576	5.84292	42.1154	6.40705	1
cg13443842	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0120132	?	?	?	0.265154	2.02669	2.02669	0.932765	0.949966	-1.05267	?	?	?	0.000867124	0.047818	-20.9126	0.140291	2.62502	2.62502	?	?	?	0.229714	2.1525	2.1525	0.870595	1.10426	1.10426	5.99527	23.4234	5.2093	1
cg06194010	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0121575	0.117976	1.57163	1.57163	0.29448	1.33587	1.33587	0.810057	0.937882	-1.06623	0.793116	0.932391	-1.07251	0.0041134	0.358774	-2.78727	0.76964	0.924771	-1.08135	0.00251948	0.327203	-3.05621	0.690858	0.899008	-1.11234	0.0098742	0.419638	-2.38301	5.54995	6.23497	0.998602	1
cg15243478	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0129176	0.0516583	0.50173	-1.9931	0.31293	1.38407	1.38407	0.128148	0.599195	-1.66891	0.334578	0.733523	-1.36328	0.00454712	0.308206	-3.24459	0.0515412	0.50151	-1.99398	0.00207513	0.259233	-3.85753	0.791492	1.08601	1.08601	0.0123962	0.379348	-2.6361	5.44143	8.35694	1.36515	1
cg01398181	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0137522	0.424443	1.14619	1.14619	0.0018212	0.476532	-2.09849	0.0931928	1.36194	1.36194	0.943359	1.01196	1.01196	0.752634	0.948487	-1.05431	0.143146	1.30109	1.30109	0.00429597	1.89415	1.89415	0.485021	1.12602	1.12602	0.855225	0.969911	-1.03102	5.33107	2.36236	0.393894	1
cg25720625	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0141123	0.361545	0.794847	-1.2581	0.748843	0.924375	-1.08181	0.00950289	0.447395	-2.23516	0.227031	0.733092	-1.36408	0.00052229	0.260069	-3.75842	0.222896	1.36826	1.36826	0.349164	1.2661	1.2661	0.615339	0.883357	-1.13205	0.439055	0.824312	-1.21313	5.28598	5.01723	0.843696	1
cg16303353	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.014624	0.0118604	0.130778	-7.64653	0.00874684	0.11499	-8.69642	0.0253887	0.178927	-5.58887	0.070499	0.270073	-3.7027	0.021014	0.165664	-6.03631	0.469474	0.620912	-1.61053	0.00277306	0.0691196	-14.4677	0.0158666	0.147608	-6.77472	0.032428	0.197558	-5.06179	5.22432	34.6996	5.90394	1
cg23427362	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0150856	0.147068	0.659186	-1.51702	0.0968816	0.613811	-1.62917	0.00860555	0.407628	-2.45322	0.00420696	0.358205	-2.79169	0.403914	0.795531	-1.25702	0.591268	1.15626	1.15626	0.0177307	2.16478	2.16478	0.499185	1.20169	1.20169	0.168895	0.675305	-1.48081	5.17096	5.87457	1.00984	1
cg26361533	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0151807	0.0411685	0.195503	-5.11501	0.102954	3.44186	3.44186	0.852315	1.13783	1.13783	0.0188658	0.139365	-7.17542	0.458241	0.592551	-1.68762	0.749305	0.800809	-1.24874	0.00137406	0.0401057	-24.9341	0.868859	0.891822	-1.1213	0.0187798	0.139085	-7.18984	5.16021	39.2317	6.75799	1
cg02468320	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0156096	0.00209309	0.0961318	-10.4024	0.674906	0.795955	-1.25635	0.0802024	0.349921	-2.85779	0.0179548	0.21103	-4.73865	0.0111553	0.178899	-5.58974	0.0561575	0.310317	-3.22251	0.0155025	0.200622	-4.98449	0.494917	1.45491	1.45491	0.05699	0.311855	-3.20661	5.11278	23.7003	4.12045	1
cg24275501	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0165138	0.00941305	0.671187	-1.4899	0.0679158	1.28103	1.28103	0.81863	1.02821	1.02821	0.0515165	0.764547	-1.30796	0.481307	0.916953	-1.09057	0.647248	1.05739	1.05739	0.00531028	1.56043	1.56043	0.0795537	1.2658	1.2658	0.570622	0.932933	-1.07189	5.01789	1.16593	0.206538	1
cg13647052	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.017531	0.132113	0.372381	-2.68542	0.447292	1.60126	1.60126	0.0559589	0.268194	-3.72864	0.667082	0.768709	-1.30088	0.131016	0.371172	-2.69417	0.351643	1.79075	1.79075	0.00401408	10.4827	10.4827	0.0118782	6.74484	6.74484	0.188081	2.33453	2.33453	4.91855	28.7806	5.20129	1
cg03923850	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0198271	0.835375	0.970116	-1.0308	0.0875737	1.31647	1.31647	0.145288	1.25611	1.25611	0.0417919	0.710274	-1.40791	0.0433778	0.712674	-1.40317	0.190803	1.22381	1.22381	0.0027125	1.82916	1.82916	0.412348	1.12998	1.12998	0.290623	1.17339	1.17339	4.71846	1.58855	0.299259	1
cg12205822	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0198731	0.384351	1.10481	1.10481	0.486126	1.08229	1.08229	0.206295	1.16063	1.16063	0.0162122	0.719928	-1.38903	0.00213259	0.617402	-1.61969	0.447641	0.91715	-1.09033	0.336015	1.11723	1.11723	0.124484	1.20426	1.20426	0.276942	1.13469	1.13469	4.71475	0.932455	0.175799	1
cg10635895	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0219026	0.0684531	3.63016	3.63016	0.0331309	4.8278	4.8278	0.569694	1.43786	1.43786	0.41527	1.69269	1.69269	0.0419267	4.40094	4.40094	0.223557	2.24401	2.24401	0.000905179	23.051	23.051	0.0130504	7.00395	7.00395	0.13985	2.72937	2.72937	4.56087	28.8577	5.62421	1
cg20495738	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0231352	0.0310091	0.436785	-2.28946	0.992334	0.996862	-1.00315	0.30533	0.70665	-1.41513	0.743716	0.898242	-1.11329	0.00508978	0.297853	-3.35736	0.831832	0.932802	-1.07204	0.153049	0.606197	-1.64963	0.0213957	2.47048	2.47048	0.0220662	0.407362	-2.45482	4.47581	7.58541	1.50645	1
cg09436713	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.023162	0.807864	0.866175	-1.1545	0.00789182	7.45994	7.45994	0.00837826	7.28802	7.28802	0.451456	1.57208	1.57208	0.0567354	0.280356	-3.5669	0.0552278	3.60226	3.60226	0.0703103	3.29693	3.29693	0.0545554	3.61846	3.61846	0.600205	1.36594	1.36594	4.47402	24.6393	4.89528	1
cg03731464	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0246719	0.0313301	0.194723	-5.1355	0.117375	3.00955	3.00955	0.0599067	0.252802	-3.95567	0.357102	0.541426	-1.84697	0.039554	0.213914	-4.67477	0.395652	1.75686	1.75686	0.0394673	4.6789	4.6789	0.0363887	4.8345	4.8345	0.439994	1.66558	1.66558	4.37729	29.0931	5.90789	1
cg09576209	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0265257	0.346759	1.5114	1.5114	0.124273	2.03302	2.03302	0.27858	0.61861	-1.61653	0.647939	1.21651	1.21651	0.235228	1.69952	1.69952	0.0734227	2.34183	2.34183	0.00159243	6.90046	6.90046	0.00904088	4.11463	4.11463	0.225293	1.72099	1.72099	4.26809	12.2845	2.55842	1
cg00848945	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.027677	0.0463018	0.11675	-8.56534	0.201894	3.55307	3.55307	0.187736	0.268894	-3.71894	0.362039	0.414176	-2.41443	0.0239775	0.0793596	-12.6009	0.364973	2.40078	2.40078	0.0188307	14.5433	14.5433	0.0606818	7.31313	7.31313	0.237641	3.20235	3.20235	4.20492	58.9499	12.4616	1
cg07986199	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0345307	0.224078	0.476467	-2.09878	0.0840328	3.03336	3.03336	0.0354086	0.241275	-4.14465	0.509321	0.67803	-1.47486	0.0252008	0.21329	-4.68845	0.258921	1.98118	1.98118	0.395571	0.603486	-1.65704	0.0244689	4.73904	4.73904	0.168581	0.426746	-2.34332	3.88605	20.737	4.74335	1
cg14395444	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0350948	0.429834	2.21972	2.21972	0.369297	2.49012	2.49012	0.427557	0.448661	-2.22885	0.516115	1.91835	1.91835	0.138718	0.206594	-4.8404	0.177036	4.13603	4.13603	0.00220624	69.7864	69.7864	0.0198591	16.1542	16.1542	0.37212	2.47608	2.47608	3.86335	59.9036	13.7828	1
cg23390118	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0386337	0.149206	2.23955	2.23955	0.125542	2.37319	2.37319	0.836983	0.898167	-1.11338	0.592018	1.32579	1.32579	0.0779102	2.77662	2.77662	0.191217	2.05725	2.05725	0.00105029	12.5191	12.5191	0.0469627	3.27201	3.27201	0.347162	1.65636	1.65636	3.73047	16.0554	3.82563	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(1 04T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(1 05T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(1 11T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(1 12T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(1 21T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(3 47T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(3 53T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12496211	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0386466	0.014469	0.24543	-4.07449	0.0069707	0.196489	-5.08935	0.0229436	0.281284	-3.55512	0.356378	0.6426	-1.55618	0.00843706	0.208441	-4.79752	0.614728	0.789309	-1.26693	0.435685	0.690219	-1.44881	0.184822	0.519109	-1.92638	0.195798	0.528478	-1.89223	3.73002	12.8386	3.05953	1
cg03047070	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0398054	0.0298683	0.445009	-2.24715	0.0339273	0.456354	-2.19128	0.0168256	0.396862	-2.51977	0.871957	1.05243	1.05243	0.00538438	0.3132	-3.19284	0.398871	0.760602	-1.31475	0.0980811	0.56276	-1.77696	0.0453647	0.483228	-2.06941	0.413155	0.767151	-1.30353	3.68975	5.86589	1.41314	1
cg19945202	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0414691	0.0108442	1.7669	1.7669	0.154316	1.31166	1.31166	0.465136	0.876115	-1.1414	0.956755	0.990398	-1.00969	0.784148	0.952322	-1.05006	0.309358	0.829299	-1.20584	0.0136434	1.72086	1.72086	0.0761559	0.703926	-1.4206	0.440506	0.869399	-1.15022	3.63441	1.82208	0.445637	1
cg18816701	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0417999	0.371484	1.44848	1.44848	0.716979	1.15835	1.15835	0.118271	0.504197	-1.98335	0.841838	1.08401	1.08401	0.181664	1.77266	1.77266	0.0413073	2.58038	2.58038	0.00272227	5.31902	5.31902	0.061881	2.33728	2.33728	0.950217	1.02553	1.02553	3.62374	9.35693	2.29522	1
cg09641955	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.04487	0.436086	0.783527	-1.27628	0.565784	0.836747	-1.1951	0.30426	0.721326	-1.38634	0.848767	0.943071	-1.06037	0.0024054	0.273044	-3.66241	0.112005	0.587821	-1.7012	0.027918	0.450421	-2.22015	0.980939	0.992692	-1.00736	0.0189901	0.418116	-2.39168	3.52935	5.26915	1.32707	1
cg10368284	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0453215	0.0619369	1.7941	1.7941	0.9585	0.985635	-1.01457	0.119252	1.60018	1.60018	0.61808	1.15	1.15	0.676659	0.889926	-1.12369	0.00909925	2.51303	2.51303	0.747287	1.09406	1.09406	0.00446265	2.87072	2.87072	0.116689	1.60635	1.60635	3.51614	4.30568	1.08849	1
cg19200285	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0457051	0.0664912	0.283761	-3.52409	0.337603	1.83143	1.83143	0.0990286	0.33056	-3.02517	0.348084	0.553595	-1.80637	0.0936873	0.323567	-3.09055	0.140913	2.63624	2.63624	0.0786927	3.30452	3.30452	0.0471509	4.01629	4.01629	0.13883	2.65178	2.65178	3.50504	20.7979	5.2744	1
cg20490175	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0492734	0.0051549	0.47789	-2.09253	0.349403	0.82485	-1.21234	0.0160217	0.554706	-1.80276	0.149957	0.734531	-1.36141	0.185	0.755024	-1.32446	0.411553	0.845488	-1.18275	0.132309	1.38358	1.38358	0.241259	0.78254	-1.27789	0.180365	0.752493	-1.32892	3.40702	2.15612	0.56253	1
cg19685491	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0494141	0.563322	1.62717	1.62717	0.558826	1.63655	1.63655	0.0515073	0.157711	-6.3407	0.527091	0.586281	-1.70567	0.150528	0.276928	-3.61105	0.21127	2.99638	2.99638	0.0160456	11.6549	11.6549	0.0248873	9.24907	9.24907	0.280765	2.54509	2.54509	3.40334	37.4235	9.77432	1
cg21503701	CACNA1D;CACNA1D;CACNA1D	3.18E-07	0.767971	0.968019	-1.03304	2.58E-06	0.287353	-3.48005	1.95E-06	0.27425	-3.64631	0.000102527	0.469785	-2.12863	1.72E-07	0.170101	-5.87886	0.00985825	0.698848	-1.43093	5.33E-08	0.127716	-7.82987	0.0623817	1.25917	1.25917	1.50E-06	0.262113	-3.81515	98.155	18.7638	0.169925	1
cg12668309	CACNA1D;CACNA1D;CACNA1D	0.00111123	0.0569537	0.368075	-2.71684	0.57075	1.30451	1.30451	0.956545	1.0256	1.0256	1.21E-05	0.0137235	-72.8676	0.0853219	0.413731	-2.41703	0.261393	0.580764	-1.72187	0.3318164	0.619585	-1.61398	0.376644	1.52338	1.52338	0.805576	1.12122	1.12122	11.4192	38.9313	3.03047	1
cg15479186	CACNA1D;CACNA1D;CACNA1D	0.00394987	0.0243417	1.37319	1.37319	0.0579476	0.776236	-1.28827	0.03383	0.746157	-1.3402	0.00133308	1.73548	1.73548	0.0631032	0.7811125	-1.28023	0.695188	1.04763	1.04763	0.654129	0.948102	-1.05474	0.289875	1.13862	1.13862	0.00322616	1.60784	1.60784	7.84239	1.7434	0.196601	1
cg34342051	CACNA1D;CACNA1D;CACNA1D	0.00595958	0.33367	0.875261	-1.14252	0.136252	1.23924	1.23924	0.0584642	0.751522	-1.33063	0.000802142	1.96612	1.96612	0.38686	1.12582	1.12582	0.139867	1.23645	1.23645	0.0444146	0.734577	-1.36133	0.0104092	0.650323	-1.5377	0.652517	1.06243	1.06243	6.95365	1.96609	0.251327	1
cg08028452	CACNA1D;CACNA1D;CACNA1D	0.00787545	0.0117784	0.218737	-4.57171	0.00533375	0.144286	-6.93066	0.0101541	0.180867	-5.52893	0.206715	0.495413	-2.01852	0.0323321	0.266665	-3.75002	0.0155651	0.207337	-4.82305	0.00151742	0.0899107	-11.121	0.00381898	0.112782	-7.82349	0.0795778	0.139553	-7.28853	6.87553	28.0882	3.91611	1
cg01104717	CACNA1D;CACNA1D;CACNA1D	0.0120377	0.0165922	0.439075	-2.27751	0.642054	0.876614	-1.14075	0.0446077	0.522729	-1.91304	0.738674	1.09877	1.09877	0.0590301	0.54895	-1.82166	0.0524644	0.537754	-1.85959	0.0032917	0.324166	-3.08484	0.00119504	0.262944	-3.80309	0.148923	0.646972	-1.54566	5.56782	6.97858	1.11411	1
cg01941237	CACNA1D;CACNA1D;CACNA1D	0.0125747	0.0487357	0.765419	-1.30647	0.873102	1.01916	1.01916	0.0123883	1.44734	1.44734	0.744846	1.09854	1.09854	0.132635	1.21253	1.21253	0.0609863	0.778196	-1.28502	0.1537167	0.835541	-1.19683	0.00295972	0.609269	-1.64131	0.0158533	0.834031	-1.199	5.48938	1.22625	0.198566	1
cg27233276	CACNA1D;CACNA1D;CACNA1D	0.0138254	0.00340708	0.200151	-4.99623	0.00485421	0.221014	-4.5246	0.0280412	0.550349	-2.8543	0.994289	0.997111	-1.0029	0.00763494	0.250315	-3.99976	0.0129997	0.287741	-3.47534	0.0377316	0.377556	-2.64862	0.287988	0.64027	-1.56184	0.199166	0.57792	-1.73034	5.32178	13.7686	2.29975	1
cg16620233	CACNA1D;CACNA1D;CACNA1D	0.0300356	0.0980393	0.567286	-1.76278	0.0079564	0.345484	-2.89449	0.0493782	0.496295	-2.01493	0.329269	0.73015	-1.36958	0.0132599	0.383373	-2.60842	0.028956	0.447395	-2.23516	0.0084789	0.350049	-2.85675	0.18408	0.643943	-1.55293	0.0328897	0.458642	-2.18035	4.08151	6.31283	1.37362	1
cg21188533	CACNA1D;CACNA1D;CACNA1D	0.0321284	0.477988	0.853536	-1.1716	0.0023981	0.395084	-2.53111	0.0477386	0.608372	-1.64373	0.518646	0.860563	-1.15998	0.730279	0.926949	-1.07881	0.34572	1.808008	1.23761	0.101596	1.48212	1.48212	0.679791	1.09573	1.09573	0.0253065	0.557787	-1.7928	3.98569	3.04214	0.678458	1
cg15417641	CACNA1D;CACNA1D;CACNA1D	0.0338497	0.244167	0.741295	-1.34899	0.584375	0.873092	-1.14536	0.196698	1.38844	1.38844	0.0794158	0.619793	-1.61344	0.503564	1.18149	1.18149	0.536655	1.16616	1.16616	0.00239565	2.82778	2.82778	0.552398	1.15914	1.15914	0.0923414	0.634358	-1.5764	3.91409	3.74184	0.849771	1
cg06987652	CACNA1E	2.98E-08	2.42E-07	0.222971	-4.48488	1.29E-07	0.196415	-5.09125	0.00169415	0.646555	-1.54666	2.15E-05	0.43543	-2.29658	2.61E-08	0.136094	-7.34787	0.19801	0.876083	-1.14144	7.35E-05	0.0958543	-10.4325	1.91E-06	0.299499	-3.33891	1.25E-05	2.44766	178.625	26.7486	0.133109	1
cg12041401	CACNA1E	3.90E-06	0.292302	1.10118	1.10118	8.05E-07	3.20857	3.20857	0.00763774	0.738945	-1.35328	0.400715	1.07883	1.07883	4.24E-06	0.3191502	-2.55426	0.0983256	1.17343	1.17343	0.0609281	1.21672	1.21672	8.51E-06	2.35053	2.35053	0.0236868	1.26907	1.26907	53.7366	6.37617	0.109549	1
cg04902729	CACNA1E	0.000146796	0.144144	0.708062	-1.41231	0.00386095	0.424797	-2.35406	0.0899525	0.662837	-1.50867	0.780464	0.940375	-1.06341	0.404992	0.829057	-1.20619	0.00262973	2.49967	2.49967	0.120876	0.690669	-1.44787	0.953174	1.013	1.013	4.52E-06	10.1663	10.1663	19.9728	15.3134	0.681524	1
cg15742412	CACNA1E	0.000688262	0.211489	1.31484	1.31484	0.0142779	0.533488	-1.87448	0.100982	0.688327	-1.4528	0.206316	0.757933	-1.3194	0.641952	1.10227	1.10227	0.587577	0.892378	-1.1206	0.6845157	0.918567	-1.08865	0.814879	1.04998	1.04998	1.30E-05	6.70818	6.70818	13.0727	8.95205	0.608701	1
cg23241456	CACNA1E	0.000773464	0.168426	0.768466	-1.30129	0.0140256	0.580255	-1.72338	0.0602578	0.683683	-1.46267	0.334964	0.836589	-1.19533	0.759744	0.946446	-1.05658	0.00326137	2.05386	2.05386	0.566247	0.901188	-1.10965	0.95345	1.01053	1.01053	3.56E-05	4.1836	4.1836	12.6516	6.45181	0.452399	1
cg02431597	CACNA1E	0.00107502	0.26515	1.23372	1.23372	0.0748294	0.698462	-1.43172	0.0833924	1.43428	1.43428	0.233634	1.25398	1.25398	0.172282	1.30051	1.30051	0.917381	1.01894	1.01894	0.0897741	0.713012	-1.4025	0.304027	0.824874	-1.21231	1.90E-05	4.82045	4.82045	11.5273	5.97105	0.460506	1
cg21378238	CACNA1E	0.00188703	0.00305051	0.531664	-1.88089	0.00556407	0.567253	-1.76288	0.0222532	0.652759	-1.53196	0.71763	1.05816	1.05816	0.0686591	0.728149	-1.37334	0.915165	1.01673	1.01673	0.065992	0.991446	-1.00863	0.00476542	0.558008	-1.79209	0.000815045	2.10396	2.10396	9.80642	3.76385	0.341169	1
cg04121028	CACNA1E	0.00284806	0.0154909	0.444082	-2.25184	0.605214	1.1532	1.1532	0.843607	0.94744	-1.05548	0.188865	0.68351	-1.46304	0.00390538	0.345796	-2.89188	0.1098	0.620952	-1.61043	0.23725	1.40279	0.000325112	0.204256	-4.89582	0.00140175	0.282303	-3.54229	8.69107	10.285	1.05191	1
cg24304249	CACNA1E	0.00469993	0.0262193	1.29545	1.29545	0.0463455	1.25111	1.25111	0.185507	1.14777	1.14777	0.0146282	1.34327	1.34327	0.0417392	1.25912	1.25912	0.383247	1.09174	1.09174	0.0149413	0.746443	-1.34149	0.0072203	1.4054	1.4054	0.000931233	1.62437	1.62437	7.47831	1.1413	0.135658	1
cg05118455	CACNA1E	0.00488908	0.00666347	0.563633	-1.7742	0.0137691	1.64202	1.64202	0.232021	0.815349	-1.22647	0.219895	1.23379	1.23379	0.00291148	0.513603	-1.94703	0.267161	1.20716	1.20716	0.0136525	1.64348	1.64348	0.410197	0.87183	-1.14701	0.0801025	0.728894	-1.37194	7.38899	3.10395	0.373403	1
cg06883373	CACNA1E	0.00587046	0.00788951	0.659251	-1.51687	0.00594238	1.55258	1.55258	0.0538065	0.765104	-1.30701	0.0438278	1.32753	1.32753	0.169576	1.19593	1.19593	0.417413	0.903627	-1.10665	0.00311776	1.63945	1.63945	0.811495	0.971206	-1.02965	0.313717	1.13589	1.13589	6.98604	1.65452	0.210518	1
cg18533386	CACNA1E	0.018369	0.0641024	0.196523	-5.08846	0.111396	0.257709	-3.88035	0.255642	0.395368	-2.52929	0.898382	1.10507	1.10507	0.197362	0.344529	-2.90251	0.707943	1.34214	1.34214	0.488532	1.73365	1.73365	0.506982	1.69286	1.69286	0.000848618	50.4802	50.4802	4.84194	46.8885	8.60785	1
cg11388802	CACNA1E	0.0185119	0.0335224	1.52126	1.52126	0.0376898	1.50264	1.50264	0.624914	0.920134	-1.0868	0.80835	1.0419	1.0419	0.896002	0.97815	-1.02234	0.00499771	0.533895	-1.87303	0.0104781	1.72329	1.72329	0.201328	1.25603	1.25603	0.486322	1.12693	1.12693	4.82931	2.18264	0.40174	1
cg02974928	CACNA1E	0.0186077	0.438469	0.665138	-1.50345	0.0420308	0.298535	-3.34969	0.300238	0.574707	-1.74002	0.969368	1.02001	1.02001	0.534273	0.722694	-1.38371	0.905401	0.940501	-1.06326	0.306887	0.579381	-1.72598	0.766638	0.857648	-1.16598	0.000612226	15.2279	15.2279	4.82091	20.3273	3.748	1
cg13948585	CACNA1E	0.0232213	0.649626	0.836411	-1.19559	0.0656432	0.446232	-2.24099	0.153518	0.55052	-1.81647	0.329278	1.4818	1.4818	0.969185	1.0152	1.0152	0.866032	1.06817	1.06817	0.680866	0.850842	-1.17531	0.810374	0.910383	-1.09844	0.000756802	7.34825	7.34825	4.47007	10.8007	2.14775	1
cg16241391	CACNA1E	0.026246	0.490045	0.801355	-1.24789	0.871632	0.950207	-1.0524	0.404814	0.764024	-1.30886	0.00578954	3.13238	3.13238	0.0226231	0.422256	-2.36823	0.200773	0.652601	-1.53233	0.4911229	1.24718	1.24718	0.0281793	2.26742	2.26742	0.203171	0.654243	-1.52848	4.28395	6.76841	1.4044	1
cg09170397	CACNA1E	0.031705	0.400865	1.23222	1.23222	0.641698	1.12053	1.12053	0.799589	1.06373	1.06373	0.503041	1.17945	1.17945	0.00304462	0.373137	-2.67998	0.0607548	1.67092	1.67092	0.158693	1.44176	1.44176	0.464056	1.19838	1.19838	0.0458926	0.573678	-1.74314	4.00713	3.74255	0.830198	1
cg26259818	CACNA1E	0.0319929	0.307131	0.909802	-1.09914	0.00200944	2.97926	2.97926	0.210346	0.718502	-1.39179	0.141187	0.672795	-1.48634	0.137368	0.669822	-1.49293	0.313782	0.770345	-1.29812	0.2643252	0.74724	-1.33826	0.689095	1.10597	1.10597	0.12721	0.661599	-1.51149	3.99419	3.96789	0.883036	1
cg22359828	CACNA1E	0.0342788	0.0280092	0.310748	-3.21804	0.229807	0.56703	-1.76357	0.0664898	0.395888	-2.52597	0.0653221	0.393927	-2.53854	0.00577543	0.156224	-5.09622	0.0459041	0.356906	-2.80186	0.00891477	0.223669	-4.4709	0.470564	0.718552	-1.39169	0.0353264	0.331681	-3.01495	3.89634	12.5113	2.85426	1
cg04858536	CACNA1E	0.0421446	0.0986466	1.63775	1.63775	0.0519343	1.82657	1.82657	0.255792	0.723855	-1.38149	0.552898	0.849137	-1.17767	0.100632	0.612688	-1.63215	0.00717202	2.57449	2.57449	0.0755309	1.71421	1.71421	0.58559	1.16181	1.16181	0.734447	0.911421	-1.09719	3.61272	4.24606	1.04472	1
cg00394388	CACNA1E	0.0470679	0.565689	1.16315	1.16315	0.103309	0.62892	-1.59003	0.942296	1.01902	1.01902	0.0264369	1.98378	1.98378	0.97425	1.00844	1.00844	0.660517	1.12191	1.12191	0.0136973	0.452291	-2.21097	0.44196	0.81617	-1.22523	0.037162	1.87706	1.87706	3.46653	3.7192	0.953879	1
cg24106020	CACNA1E;CACNA1E	0.00196864	0.0456465	0.555833	-1.7991	0.0876635	0.616851	-1.62114	0.357142	0.784506	-1.27469	0.779601	0.930628	-1.07454	0.178123	0.693027	-1.44294	0.0264414	1.96296	1.96296	0.162335	0.682286	-1.46566	0.397861	0.80104	-1.24838	7.33E-05	6.34741	6.34741	9.68638	10.0756	0.924604	1
cg17987176	CACNA1E;CACNA1E	0.00345329	0.474616	0.799145	-1.25134	0.1333	0.606917	-1.64767	0.0815498	0.551408	-1.81354	0.963721	0.986073	-1.01412	0.23508	0.681303	-1.46778	0.0799396	1.82053	1.82053	0.238268	0.683245	-1.4636	0.769091	0.913225	-1.09502	9.17E-05	8.62337	8.62337	8.20673	12.3586	1.33859	1
cg04437194	CACNA1F	9.03E-06	0.935277	1.01845	1.01845	0.00213664	0.378751	-2.64025	0.000582957	0.502171	-1.30939	0.0558049	1.62849	1.62849	6.45E-07	0.0468279	-21.354	0.327958	1.25514	1.25514	2.09E-06	0.072342	-13.8232	0.00885283	0.472425	-2.11674	0.00275971	0.39482	-2.5328	41.661	33.4186	0.731027	1
cg17395800	CACNA1F	0.000419901	0.00628179	2.08133	2.08133	0.515375	0.873008	-1.14546	0.0164478	0.546855	-1.82864	0.305816	0.803873	-1.24398	0.00979388	0.510473	-1.95897	0.0288917	1.69971	1.69971	0.000521008	3.04641	3.04641	0.000347062	3.26997	3.26997	0.00116399	2.66941	2.66941	14.9979	10.07	0.596825	1
cg16726201	CACNA1F	0.0162503	0.00631107	3.42522	3.42522	0.327058	0.555779	-1.79928	0.765534	0.840634	-1.18958	0.170724	2.33239	2.33239	0.234066	0.484703	-2.06312	0.0595841	3.43612	3.43612	0.00217869	12.1373	12.1373	0.00778895	3.11876	3.11876	0.0084458	7.04183	7.04183	5.04486	26.9298	4.74495	1
cg24052239	CACNA1F	0.0175683	0.0620512	3.91542	3.91542	0.422619	0.587345	-1.70258	0.410764	0.578991	-1.72714	0.624031	1.37843	1.37843	0.814759	1.16472	1.16472	0.785218	0.837382	-1.1942	0.00142485	20.0459	20.0459	0.01882261	6.35189	6.35189	0.0147386	7.02868	7.02868	4.91504	32.8567	5.94215	1
cg14233178	CACNA1F	0.0190949	0.207174	1.41925	1.41925	0.274638	0.741424	-1.34876	0.00882231	0.415768	-2.40519	0.341441	1.29437	1.29437	0.0255878	0.497519	-2.00997	0.055481	1.77056	1.77056	0.22005	0.732187	-1.40412	0.011863	0.437453	-2.28596	0.581875	1.15764	1.15764	4.77901	5.24182	0.975343	1
cg14389582	CACNA1F	0.0190676	0.898365	1.05297	1.05297	0.494927	0.755825	-1.32306	0.12892	0.555396	-1.94025	0.0226252	1.332008	-3.01198	0.00217697	0.176028	-5.68091	0.9755	1.01246	1.01246	0.386001	1.43085	1.43085	0.343274	1.48347	1.48347	0.248256	0.614123	-1.62834	3.71522	9.60106	2.29711	1
cg05740959	CACNA1F	0.0458317	0.0710976	4.04809	4.04809	0.323467	2.02839	2.02839	0.427413	1.75409	1.75409	0.0765036	3.9217	3.9217	0.768721	1.2269	1.2269	0.0480809	4.7918	4.7918	0.0125738	8.60504	8.60504	0.034676	5.51666	5.51666	0.00553995	12.5256	12.5256	3.5014	26.6716	6.77102	1
cg18454685	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	1.89E-07	0.00399135	0.657971	-1.51982	8.36E-08	9.48424	9.48424	1.03E-06	4.76326	4.76326	0.000347884	1.90067	1.90067	0.909978	1.01173	1.01173	1.80E-08	16.5812	16.5812	0.000286992	0.51546	-1.94001	3.87E-05	2.48061	2.48061	0.600392	0.946909	-1.05607	180.956	29.8036	0.128101	1
cg05942574	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	1.83E-05	0.0736243	0.762643	-1.31123	0.00598829	1.62915	1.62915	0.610633	1.07226	1.07226	2.08E-05	3.21247	3.21247	0.578764	0.926634	-1.07917	0.0777128	1.30523	1.30523	1.21E-05	3.50963	3.50963	1.60E-06	5.16724	5.16724	0.843786	1.02717	1.02717	34.671	10.1361	0.259867	1
cg09135695	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.00103824	0.6349408	0.825508	-1.21137	0.417984	1.39346	1.39346	0.487955	1.3264	1.3264	0.288256	0.642771	-1.55576	0.62916	1.21539	1.21539	0.212584	1.69265	1.69265	1.30E-05	0.0254689	-39.2635	0.0639732	0.434045	-2.30391	0.593748	1.2409	1.2409	11.6419	29.6311	2.26241	1
cg23614229	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.00331277	0.00488687	0.657237	-1.52152	0.555008	0.935029	-1.06949	0.9828	1.00243	1.00243	0.256715	0.875294	-1.14247	0.000649774	0.555236	-1.80103	0.0169765	0.720679	-1.38758	0.24632	0.872482	-1.14616	0.097661	1.22688	1.22688	0.00719572	1.47748	1.47748	8.30921	1.66601	0.178223	1
cg20433386	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0035823	0.0248764	0.53768	-1.85984	0.312704	1.27467	1.27467	0.000327311	0.259489	-3.85374	0.0110941	0.477078	-2.0961	0.00371007	0.402077	-2.48709	0.710762	1.09042	1.09042	0.261991	1.31235	1.31235	0.757503	1.07463	1.07463	0.0471466	0.589844	-1.69536	8.11712	6.94304	0.760318	1
cg10517230	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.00450156	0.0347848	0.620981	-1.61035	0.0188952	0.576619	-1.73425	0.213141	1.28901	1.28901	0.00929839	0.52784	-1.89451	0.000257342	0.311917	-3.20598	0.0322889	0.615429	-1.62488	0.752972	0.940695	-1.06304	0.0121991	0.546214	-1.83079	0.105496	0.710025	-1.4084	7.57692	4.49956	0.527867	1
cg11071401	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.00468093	0.335274	1.42633	1.42633	0.060684	2.12922	2.12922	0.0925672	1.93769	1.93769	0.00332743	4.17178	4.17178	0.0230202	0.378482	-2.64213	0.623717	0.838026	-1.19328	0.209179	0.623091	-1.6049	0.000593084	6.65496	6.65496	0.340293	1.42078	1.42078	7.48753	15.1452	1.79797	1
cg03649497	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.00688519	0.25361	0.710471	-1.40752	0.000687773	0.226261	-4.41968	0.00109244	0.251264	-3.97987	0.564991	0.84638	-1.1815	0.767745	0.918595	-1.08862	0.843284	1.05839	1.05839	0.0623078	1.82507	1.82507	0.761242	0.916333	-1.09131	0.359026	0.763073	-1.31049	6.6493	8.65681	1.15726	1
cg05817202	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CAC

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27390596	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0199785	0.46953	0.905432	-1.10444	0.88924	0.981363	-1.01899	0.105931	1.26924	1.26924	0.317807	1.1496	1.1496	0.306565	1.15363	1.15363	0.404009	1.12219	1.12219	0.000619342	0.491021	-2.03657	0.852818	0.975237	-1.02539	0.25114	1.17572	1.17572	4.70629	1.35867	0.256616	1
cg20271361	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0296524	0.0397402	0.277907	-3.59832	0.445936	0.658092	-1.51954	0.950233	1.03419	1.03419	0.500962	0.692216	-1.44464	0.0244008	0.235888	-4.23931	0.159314	0.444867	-2.24786	0.00095304	0.0705363	-14.1771	0.186199	0.47013	-2.12707	0.10285	0.382485	-2.61448	4.10377	18.8496	4.08287	1
cg22383874	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.029784	0.0270207	0.34322	-2.91359	0.00719832	0.24247	-4.12421	0.102233	0.481685	-2.07604	0.690639	0.849256	-1.1775	0.01103	0.271917	-3.67759	0.0483724	0.398003	-2.51255	0.0138729	0.288868	-3.46179	0.0340006	0.363929	-2.74779	0.183964	0.562311	-1.77838	4.09733	10.8259	2.34862	1
cg17319889	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0301327	0.500368	0.82183	-1.2168	0.302343	0.736019	-1.35866	0.00822388	0.379185	-2.63723	0.774662	0.920962	-1.08582	0.261031	0.714445	-1.39969	0.20154	0.679172	-1.47238	0.779452	1.08386	1.08386	0.00107955	0.250432	-3.99311	0.164089	0.653178	-1.53098	4.08043	5.31762	1.1584	1
cg16055824	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0309415	0.922392	1.04816	1.04816	0.0303943	3.41508	3.41508	0.736937	0.849826	-1.17671	0.5828	0.765093	-1.30703	0.00532107	0.169917	-5.88522	0.218999	0.535818	-1.8663	0.745839	0.854725	-1.16997	0.0132072	0.22703	-4.40471	0.110296	0.431713	-2.31635	4.04215	14.9139	3.27965	1
cg05567334	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0370148	0.922566	1.02698	1.02698	0.699512	0.899245	-1.11204	0.0135431	0.433133	-2.30876	0.483345	1.21538	1.21538	0.017699	0.453888	-2.20319	0.0375557	0.5165	-1.93611	0.0183741	0.45685	-2.1889	0.0549107	0.550972	-1.81497	0.0634555	0.564703	-1.77084	3.78931	4.49964	1.05552	1
cg04778194	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0385056	0.976329	0.996575	-1.00344	0.00577242	1.51936	1.51936	0.338108	1.12097	1.12097	0.295994	1.13351	1.13351	0.0483004	1.29817	1.29817	0.0360678	1.3257	1.3257	0.0578922	0.780402	-1.28139	0.262216	1.14476	1.14476	0.52192	0.927686	-1.07795	3.73502	0.791107	0.188274	1
cg05582099	CACNA1H;CACNA1H	2.38E-05	0.00021788	0.495169	-2.01951	0.977747	0.996826	-1.00318	6.52E-05	0.433572	-2.30642	0.991908	1.00116	1.00116	4.29E-07	0.195082	-5.12604	0.991538	0.998792	-1.00121	0.346846	0.895456	-1.11675	0.0919224	0.809372	-1.23553	0.144826	0.836519	-1.19543	32.3777	6.66309	0.182927	1
cg26470670	CACNA1H;CACNA1H	3.55E-05	4.01E-06	0.268605	-3.72293	0.00667011	0.649226	-1.5403	0.00978676	0.669748	-1.4931	0.684491	0.951099	-1.05142	0.000278005	0.481923	-2.07502	0.000143023	0.447287	-2.2357	8.45E-06	0.304167	-3.28767	0.426607	1.10476	1.10476	0.325776	0.88292	-1.13261	29.1445	6.95223	0.212039	1
cg01744552	CACNA1H;CACNA1H	0.000373305	0.428974	1.16665	1.16665	5.60E-05	0.239352	-4.17794	0.0823558	1.44389	1.44389	0.276874	0.805823	-1.24097	0.0427739	0.64072	-1.56074	0.00070932	0.373557	-2.67697	0.125546	1.37228	1.37228	0.00249799	0.448471	-2.2298	0.000542534	0.358289	-2.79104	15.4922	8.9411	0.51301	1
cg05966923	CACNA1H;CACNA1H	0.000486855	0.0639191	0.664708	-1.50442	0.0893211	0.692524	-1.44399	0.587124	0.898053	-1.11352	0.000135797	0.273806	-3.65222	0.000125812	0.269914	-3.70488	0.000105052	0.260821	-3.83405	0.946441	1.01326	1.01326	0.705095	1.07742	1.07742	0.493942	0.872637	-1.14595	14.3965	8.76968	0.54147	1
cg01895442	CACNA1H;CACNA1H	0.000497574	0.000165374	0.307741	-3.24948	0.0491948	0.662206	-1.5101	8.39E-05	0.272848	-3.66505	0.0302355	0.626402	-1.59642	0.000548134	0.373227	-2.67933	0.0119945	0.562502	-1.77777	0.863737	1.03204	1.03204	0.000681769	0.385637	-2.59311	0.0905268	0.710071	-1.40831	14.3098	7.63855	0.474487	1
cg07478629	CACNA1H;CACNA1H	0.000671072	0.00701501	0.653218	-1.53088	0.618795	1.06319	1.06319	0.00210668	0.589648	-1.69593	0.404803	1.10974	1.10974	2.73E-05	0.364019	-2.74711	0.555697	1.07552	1.07552	0.0339735	1.35305	1.35305	0.931214	0.98951	-1.0106	0.563384	1.07397	1.07397	13.1656	3.11134	0.210065	1
cg03501953	CACNA1H;CACNA1H	0.000704565	0.00205891	0.474031	-2.10957	0.313586	1.19629	1.19629	0.75249	1.05591	1.05591	0.00701192	0.549076	-1.82124	2.80E-05	0.242328	-4.12664	0.206359	0.795173	-1.25759	0.819501	0.961459	-1.04009	0.0910326	1.37727	1.37727	0.00950163	0.568369	-1.75942	12.9873	6.08213	0.41628	1
cg02695704	CACNA1H;CACNA1H	0.00075413	0.00743933	0.604619	-1.65393	0.773507	1.04302	1.04302	0.064108	0.738079	-1.35487	0.0975194	0.766901	-1.30395	0.000883918	0.483185	-2.0696	1.71E-05	0.275985	-3.62338	0.653185	1.06825	1.06825	0.117281	0.780096	-1.28189	0.0796059	0.752771	-1.32843	12.7419	4.29977	0.299957	1
cg08829195	CACNA1H;CACNA1H	0.0016215	0.761831	1.04498	1.04498	0.0615294	0.737249	-1.35639	0.00114975	0.5008	-1.99681	0.1823	1.22736	1.22736	0.000122444	0.378977	-2.63868	0.665032	1.06508	1.06508	0.0196783	1.5035	1.5035	0.607163	0.927691	-1.07795	0.34672	0.869149	-1.15055	10.2469	3.3995	0.294898	1
cg04157268	CACNA1H;CACNA1H	0.00199149	0.977904	1.00524	1.00524	0.214528	1.27971	1.27971	0.0665198	0.67816	-1.47458	0.577965	0.899352	-1.11191	0.000457571	0.352872	-2.83389	0.000343131	2.96817	2.96817	0.929684	0.983479	-1.0168	0.760204	0.943857	-1.05948	0.092474	1.41834	1.41834	9.65389	5.44697	0.501533	1
cg08353479	CACNA1H;CACNA1H	0.00284953	0.246205	0.886585	-1.12792	0.665217	0.957705	-1.04416	0.125924	0.848426	-1.17865	0.204225	0.875469	-1.14225	0.154766	0.859702	-1.16319	0.00257058	1.51428	1.51428	0.00018036	1.87612	1.87612	0.414657	1.08629	1.08629	0.529388	0.938712	-1.06529	8.68975	1.35605	0.138713	1
cg16400090	CACNA1H;CACNA1H	0.00352298	0.0620427	1.22001	1.22001	0.000134966	1.86958	1.86958	0.00969241	1.36309	1.36309	0.110274	0.848117	-1.17908	0.414819	0.924137	-1.08209	0.510388	0.93876	-1.06524	0.0762989	1.20522	1.20522	0.0505003	1.23487	1.23487	0.63741	1.04596	1.04596	8.15781	1.15749	0.126122	1
cg03574765	CACNA1H;CACNA1H	0.00392527	0.0568048	1.75893	1.75893	0.00144861	3.33842	3.33842	0.168108	1.46927	1.46927	0.258932	1.36141	1.36141	0.0011406	0.285585	-3.50158	0.350112	0.777298	-1.28651	0.0147137	2.1957	2.1957	0.326893	1.30359	1.30359	0.313546	1.31395	1.31395	7.89723	8.58195	0.965959	1
cg09842735	CACNA1H;CACNA1H	0.00427474	0.0680205	0.763366	-1.30999	0.000333789	0.465473	-2.14835	0.0581926	1.3269	1.3269	0.192686	1.1998	1.1998	0.589053	1.07472	1.07472	0.595069	1.07345	1.07345	0.0251469	1.42171	1.42171	0.037524	1.37555	1.37555	0.254795	1.1701	1.1701	7.69654	2.12777	0.24574	1
cg07830134	CACNA1H;CACNA1H	0.0045669	0.0129149	0.25204	-3.96762	0.0534829	0.375541	-2.66282	0.0523084	0.373236	-2.67927	0.278339	0.604495	-1.65427	0.00113372	0.117833	-8.48656	0.0195322	0.28357	-3.52646	0.00260305	0.155262	-6.44071	0.000848005	0.106485	-9.39103	0.0223672	0.294608	-3.39434	7.54386	23.8243	2.80721	1
cg27201940	CACNA1H;CACNA1H	0.00517776	0.000741882	2.81056	2.81056	0.0144365	1.83713	1.83713	0.814131	1.04866	1.04866	0.0160772	1.81181	1.81181	0.910471	1.02295	1.02295	0.359372	1.2094	1.2094	0.011532	1.89156	1.89156	0.00196526	2.41735	2.41735	0.00863692	1.96501	1.96501	7.26067	4.68032	0.57299	1
cg08298555	CACNA1H;CACNA1H	0.00681275	0.531853	0.923391	-1.08297	0.00121435	0.550955	-1.81503	0.609912	0.937289	-1.06691	0.0498088	1.32526	1.32526	0.893478	0.983279	-1.01701	0.445405	1.10286	1.10286	0.00727417	1.54609	1.54609	0.113836	1.24175	1.24175	0.0250478	0.714975	-1.39865	6.67123	1.67375	0.223014	1
cg05924031	CACNA1H;CACNA1H	0.00688163	0.764502	1.0757	1.0757	0.00148831	0.328617	-3.04306	0.00466708	0.40104	-2.49352	0.110863	0.655787	-1.52489	0.0331658	0.546157	-1.83097	0.017746	0.496449	-2.0143	0.00118918	0.31529	-3.17169	0.253249	0.748396	-1.33619	0.289402	0.765597	-1.30617	6.65037	6.2138	0.830538	1
cg01249187	CACNA1H;CACNA1H	0.00719254	0.147864	0.567671	-1.76158	0.000249484	0.110328	-9.06386	0.0357014	0.410058	-2.43868	0.705418	0.87066	-1.14855	0.00993095	0.304916	-3.2796	0.510953	1.27528	1.27528	0.0760059	0.4867	-2.05465	0.0213478	0.364644	-2.7424	0.0782144	0.489888	-2.04128	6.55934	13.8175	1.87248	1
cg07874484	CACNA1H;CACNA1H	0.0075757	0.0455998	0.659286	-1.51679	0.0102706	1.80018	1.80018	0.0461793	0.660227	-1.51463	0.860667	0.968574	-1.03245	0.551588	0.896308	-1.11569	0.000659675	0.387467	-2.58086	0.24862	1.24505	1.24505	0.972732	0.993807	-1.00623	0.1474	0.753874	-1.32648	6.45367	3.37602	0.464993	1
cg06468978	CACNA1H;CACNA1H	0.0086328	0.790095	0.940195	-1.06361	0.331649	1.26051	1.26051	0.918793	0.976703	-1.02385	0.542057	1.15334	1.15334	0.000600151	0.294147	-3.39966	0.101751	1.51297	1.51297	0.00728918	2.22533	2.22533	0.141468	1.4412	1.4412	0.623157	0.891829	-1.12129	6.19358	5.24101	0.752178	1
cg07037412	CACNA1H;CACNA1H	0.00918231	0.670455	0.90381	-1.10643	0.33437	1.26522	1.26522	0.131586	0.680722	-1.46903	0.0444903	0.579711	-1.725	0.000508242	0.277141	-3.60827	0.0954151	0.648661	-1.54164	0.148439	1.4423	1.4423	0.421418	1.21416	1.21416	0.0927913	1.54804	1.54804	6.07357	5.37015	0.78594	1
cg04343101	CACNA1H;CACNA1H	0.00961895	0.0421833	1.87919	1.87919	0.0413375	0.530342	-1.88557	0.812219	1.06624	1.06624	0.83024	0.943776	-1.05957	0.0226089	0.479125	-2.08714	0.667975	1.12333	1.12333	0.179739	1.46818	1.46818	0.00211612	3.20464	3.20464	0.0177516	2.17492	2.17492	5.98441	6.88479	1.02263	1
cg05138298	CACNA1H;CACNA1H	0.0109937	0.194877	0.75746	-1.3202	0.628876	0.906049	-1.10369	0.341717	1.21954	1.21954	0.0982368	1.44398	1.44398	0.00115195	0.379959	-2.63186	0.715964	0.928644	-1.07684	0.00824466	1.98284	1.98284	0.179138	1.33523	1.33523	0.365397	0.828278	-1.20732	5.73358	3.72689	0.577787	1
cg27000853	CACNA1H;CACNA1H	0.0121151	0.420316	0.869722	-1.14979	0.000697291	2.40328	2.40328	0.822307	0.962584	-1.03887	0.977149	0.995156	-1.00487	0.192175	1.26369	1.26369	0.0622693	1.42733	1.42733	0.0854019	1.38041	1.38041	0.306259	1.19671	1.19671	0.0245027	0.634917	-1.57501	5.55625	2.5292	0.404622	1
cg07285181	CACNA1H;CACNA1H	0.0124569	0.00388342	0.305261	-3.27589	0.188401	0.653599	-1.52999	0.628201	1.16056	1.16056	0.319312	0.730493	-1.36894	0.00261717	0.280382	-3.56656	0.0621142	0.526834	-1.89813	0.0169611	0.411269	-2.4315	0.097837	1.74049	1.74049	0.233827	0.683276	-1.46354	5.50623	8.1196	1.31077	1
cg09336277	CACNA1H;CACNA1H	0.0139871	0.955332	1.00846	1.00846	0.0210255	0.658773	-1.51797	0.709062	1.05797	1.05797	0.568774	1.09046	1.09046	0.0012587	0.492618	-2.02997	0.0705259	1.35515	1.35515	0.0346957	1.44805	1.44805	0.729035	0.949054	-1.05368	0.940501	1.01129	1.01129	5.3015	1.89835	0.318292	1
cg01383203	CACNA1H;CACNA1H	0.0159551	0.19881	0.737877	-1.35524	0.031806	0.569312	-1.7565	0.943866	1.01589	1.01589	0.0177545	0.524469	-1.90669	0.0686175	0.633616	-1.57824	0.0068988	2.18788	2.18788	0.0375873	1.71608	1.71608	0.950315	0.986147	-1.01405	0.627079	1.11584	1.11584	5.07573	4.02886	0.705555	1
cg02476374	CACNA1H;CACNA1H	0.0166916	0.011711	0.134157	-7.45395	0.0162116	0.153272	-6.52434	0.0101639	0.126505	-7.90484	0.314671	0.515221	-1.94091	0.00643163	0.104296	-9.58807	0.0897113	0.303269	-3.2974	0.0125829	0.138187	-7.23656	0.00860513	0.117998	-8.47469	0.141908	0.365249	-2.73786	4.99998	32.2133	5.72684	1
cg13866910	CACNA1H;CACNA1H	0.017825	0.00455625	0.480764	-2.08002	0.000985265	0.386978	-2.58413	0.397016	0.845259	-1.18307	0.843994	1.03893	1.03893	0.0619187	0.665314	-1.50305	0.461147	1.15654	1.15654	0.858887	1.0351	1.0351	0.665808	0.919219	-1.08788	0.621026	0.907917	-1.10142	4.89116	2.91066	0.528965	1
cg10468736	CACNA1H;CACNA1H	0.0180221	0.053365	1.62134	1.62134	0.614445	1.11834	1.11834	0.225154	1.32382	1.32382	0.480434	1.1711	1.1711	0.589737	1.12735	1.12735	0.0340879	1.72389	1.72389	0.000592493	3.21567	3.21567	0.0133154	1.96457	1.96457	0.0684692	1.56695	1.56695	4.87311	3.74228	0.682617	1
cg19951139	CACNA1H;CACNA1H	0.0180494	0.0608394	1.34169	1.34169	0.236003	1.18854	1.18854	0.0123371	0.648311	-1.54247	0.415981	1.12259	1.12259	0.0776968	1.31354	1.31354	0.023058	1.45937	1.45937	0.0415707	1.38656	1.38656	0.216558	1.19826	1.19826	0.0489646	0.731478	-1.36709	4.87064	1.49241	0.272363	1
cg03286076	CACNA1H;CACNA1H	0.0191511	0.55957	0.860488	-1.16213	0.0530047	0.571238	-1.75058	0.877438	0.961462	-1.04008	0.652845	1.12222	1.12222	0.000530043	0.253048	-3.95182	0.925669	0.976517	-1.02405	0.0834149	0.613846	-1.62907	0.436418	0.816942	-1.22408	0.0222539	0.497697	-2.00926	4.77425	4.90361	0.912973	1
cg00134667	CACNA1H;CACNA1H	0.0193309	0.0421765	0.563681	-1.77405	0.0173033	0.49163	-2.03405	0.316884	0.776152	-1.28841	0.0378885	0.554557	-1.80324	0.00122369	0.313958	-3.18514	0.312797	0.774373	-1.29137	0.31456	1.29009	1.29009	0.0604833	0.595454	-1.67939	0.1122	0.654708	-1.5274	4.75918	4.52104	0.844411	1
cg03986934	CACNA1H;CACNA1H	0.0194366	0.908911	1.03044	1.03044	0.511444	0.839878	-1.19065	0.125758	1.5436	1.5436	0.450967	1.22293	1.22293	0.00170119	0.309021	-3.23602	0.0913971	0.614403	-1.6276	0.204707	0.704226	-1.42	0.0101489	0.427577	-2.33876	0.114517	0.637779	-1.56794	4.7504	5.16548	0.966558	1
cg11630989	CACNA1H;CACNA1H	0.0203875	0.888861	0.980276	-1.02012	0.00705395	0.608875	-1.64237	0.0471895	0.723579	-1.38202	0.888438	1.0202	1.0202	0.770891	0.959252	-1.04248	0.774947	1.04169	1.04169	0.0028716	1.79369	1.79369	0.205736	0.82681	-1.20947	0.848303	0.973086	-1.02766	4.67396	1.50253	0.28575	1
cg26948823	CACNA1H;CACNA1H	0.0209245	0.0100877	0.394605	-2.53418	0.054506	1.86793	1.86793	0.659708	1.13532	1.13532	0.833358	0.941438	-1.0622	0.14714	0.640442	-1.56142	0.00484934	0.343026	-2.91523	0.0308006	0.483611	-2.06778	0.628423	1.1499	1.1499	0.754459	1.09403	1.09403	4.63272	6.01938	1.15495	1
cg10044575	CACNA1H;CACNA1H	0.0213975	0.0861692	3.26143	3.26143	0.00360947	11.6636	11.6636	0.0795084	3.36551	3.36551	0.750863	1.21971	1.21971	0.0946247	3.14401	3.14401	0.0616212	3.71598	3.71598	0.00269197	13.274	13.274	0.0225694	5.48986	5.48986	0.086806	3.25206	3.25206	4.59747	28.3078	5.47311	1
cg16493071	CACNA1H;CACNA1H	0.0219121	0.630576	0.875158	-1.14265	0.247185	0.71678	-1.39513	0.961189	0.986698	-1.01348	0.032564	0.502356	-1.99062	0.00213073	0.304901	-3.27976	0.536489	1.18798	1.18798	0.005458	0.365735	-2.73422	0.422378	1.25299	1.25299	0.194895	0.685689	-1.45839	4.5602	5.46981	1.06619	1
cg06649540	CACNA1H;CACNA1H	0.0225442	0.0012424	0.43029	-2.32401	0.162476	1.30539	1.30539	0.740149	0.942252	-1.06129	0.933175	1.0151	1.0151	0.0197939	0.604784	-1.65348	0.342786	0.839733	-1.19085	0.139439	1.32875	1.32875	0.863871	1.03114	1.03114	0.515985	0.88896	-1.12491	4.51587	2.2843	0.449634	1
cg04106390	CACNA1H;CACNA1H	0.0258281	0.150104	0.357019	-2.80097	0.958878	1.03502	1.03502	0.580002	1.45232	1.45232	0.16055	0.367608	-2.72029	0.0116633	0.121924	-8.2018	0.0501016	0.225082	-4.44282	0.00145341	0.0463878	-21.5574	0.411888	0.571134	-1.7509	0.0738517	0.264433	-3.78168	4.30804	30.4094	6.27445	1
cg16650212	CACNA1H;CACNA1H	0.0276572	0.850058	1.09053	1.09053	0.00159897	7.95333	7.95333	0.966679	1.01931	1.01931	?	?	?	0.0324759	0.317781	-3.14682	0.19686	1.86794	1.86794	0.19286	1.87969	1.87969	0.613604	1.2626	1.2626	0.684843	1.20546	1.20546	4.27792	12.6302	2.95241	1
cg26571093	CACNA1H;CACNA1H	0.0279411	0.400611	0.845297	-1.18302	0.964238	0.99128	-1.0088	0.562574	0.891939	-1.12115	0.361386	1.20115	1.20115	0.0292885	0.605564	-1.65135	0.0017971	0.419984	-2.38104	0.146651	0.737626	-1.3557	0.0868814	0.69118	-1.4468	0.017639	0.568963	-1.75758	4.19089	2.53274	0.537196	1
cg00369414	CACNA1H;CACNA1H	0.0313742	0.204669	0.694695	-1.43948	0.0821647	0.592049	-1.68905	0.603842	1.15313	1.15313	0.887377	0.962164	-1.03932	0.21394	0.700357	-1.42784	0.705484	0.901818	-1.10887	0.000847239	0.255282	-3.91723	0.0311982	0.502494	-1.99007	0.601325	0.86633	-1.15429	4.02217	4.71925	1.04294	1
cg25760229	CACNA1H;CACNA1H	0.0326149	0.301353	0.876345	-1.1411	0.410669	1.10927	1.10927	0.0285232	1.37514	1.37514	0.858532	1.02224	1.02224	0.494981	0.918132	-1.08917	0.72108	1.04518	1.04518	0.00333779	0.611164	-1.63622	0.618633	1.06381	1.06381	0.0527617	1.31178	1.31178	3.96673	0.954546	0.2139	1
cg26817827	CACNA1H;CACNA1H	0.0348858	0.0123888	0.437445	-2.286	0.0727305	0.587599	-1.70184	0.0532316	0.558065	-1.79191	0.874936	0.959031	-1.04272	0.011459	0.431621	-2.31685	0.197479	0.696408	-1.43594	0.0110912	0.429202	-2.32991	0.932451	0.977736	-1.02277	0.0297117	0.506823	-1.97308	3.87171	4.3253	0.993028	1
cg26995942	CACNA1H;CACNA1H	0.036128	0.155936	1.73173	1.73173	0.626574	1.19407	1.19407	0.218384	0.626052	-1.59731	0.929635	1.03246	1.03246	0.653257	1.17772	1.17772	0.25661	1.53468	1.53468	0.0024969	4.57085	4.57085	0.00894121	3.32992	3.32992	0.241343	1.55839	1.55839	3.8229	7.92265	1.84215	1
cg00508659	CACNA1H;CACNA1H	0.039771	0.0130722	0.443425	-2.25517	0.0118855	0.436289	-2.29206	0.289779	0.748076	-1.33676	0.729116	1.09618	1.09618	0.0129275	0.442586	-2.25945	0.833035	0.945761	-1.05735	0.0293651	0.507689	-1.96971	0.812088	1.06493	1.06493	0.985594	1.00478	1.00478	3.69093	4.07924	0.982406	1
cg08644980	CACNA1H;CACNA1H	0.0410236	0.135107	0.788569	-1.26812	0.660858	1.06727	1.06727	0.696485	0.943832	-1.05951	0.728988	1.05263	1.05263	0.520492	0.908415	-1.10082	0.339623	0.864905	-1.1562	0.00108292	2.0369	2.0369	0.943027	1.0106	1.0106	0.676111	0.939922	-1.06392	3.64896	1.25674	0.306143	1
cg09139409	CACNA1H;CACNA1H	0.0441662	0.0283773	0.448804	-2.22814	0.209034	0.663646	-1.50683	0.0220512	0.427346	-2.34002	0.862881	1.05498	1.05498	0.0136326	0.388749	-2.57236	0.454794	0.789994	-1.26583	0.0166372	0.404386	-2.47288	0.0233861	0.432267	-2.31338	0.207159	0.662402	-1.50966	3.55027	5.39054	1.34964	1
cg02041885	CACNA1I;CACNA1I	1.11E-06	7.85E-08	0.182479	-5.48008	6.72E-05	0.498305	-2.0068	0.000164714	0.541838	-1.84557	0.000321406	0.573882	-1.74252	0.152392	0.863939	-1.15749	0.354547	0.913138	-1.09512	1.31E-07	0.203269	-4.9196	0.0044901	0.696683	-1.43537	5.60E-05	0.489432	-2.04318	71.3963	10.2923	0.12814	1
cg25210871	CACNA1I;CACNA1I	0.00119019	0.0015188	0.39201	-2.55096	0.0538054	0.63826	-1.56676	0.00286264	0.431077	-2.31977	0.00721794	0.491147	-2.03605	0.000676536	0.344503	-2.90273	0.02723	0.585128	-1.70903	0.000383271	0.31269	-3.19805	0.000663736	0.343413	-2.91195	0.00955451	0.510155	-1.96019	11.198	7.45844	0.592047	1
cg01726073	CACNA1I;CACNA1I	0.00144139	0.120355	0.662225	-1.51006	0.000228246	0.223562	-4.47304	0.00365811	0.382331	-2.61553	0.49139	0.842848	-1.18645	0.000467877	0.26042	-3.83994	0.0297971	0.534987	-1.8692	0.000785295	0.288834	-3.4622	0.0169861	0.490622	-2.03823	0.022259	0.511587	-1.9547	10.6004	10.0466	0.842449	1
cg23619605	CACNA1I;CACNA1I	0.00183145	0.00030825	0.219407	-4.55775	0.0325794	0.523215	-1.91126	0.00114232	0.289769	-3.45102	0.17885	0.690845	-1.4475	0.00636103	0.398617	-2.50868	0.146569	0.667957	-1.4971	0.000726012	0.264218	-3.78475	0.0187525	0.478277	-2.09084	0.00338442	0.356313	-2.80652	9.89195	10.5066	0.944125	1
cg18070442	CACNA1I;CACNA1I	0.00228606	0.725959	0.920449	-1.08643	0.262683	0.759505	-1.31665	0.13938	0.687487	-1.45457	0.820439	0.947855	-1.05501	0.000253129	0.241545	-4.14001	0.338849	1.26141	1.26141	0.897582	0.970121	-1.0308	0.000199514	0.229623	-4.35496	0.0266333	0.538555	-1.85682	9.2725	8.14877	0.781165	1
cg12394529	CACNA1I;CACNA1I	0.00345752	0.154728	0.786665	-1.27119	0.0528502	0.707018	-1.41439	0.00387205	0.54174	-1.8459	0.896912	0.979785	-1.02063	0.011394	0.607147	-1.64705	0.0425401	1.44474	1.44474	0.0075071	1.71963	1.71963	0.00569513	0.564801	-1.77054	0.0273368	0.662766	-1.50883	8.20372	3.22488	0.349421	1
cg20683057	CACNA1I;CACNA1I	0.0036017	0.509603	1.14166	1.14166	0.226819	1.2857	1.2857	0.0436347	0.631667	-1.58311	0.422432	1.1762	1.1762	0.000164322	0.280131	-3.56976	0.497222	1.14626	1.14626	0.219721	1.29121	1.29121	0.00627293	0.493987	-2.02435	0.193027	0.761231	-1.31366	8.10399	5.03419	0.552178	1
cg11138192	CACNA1I;CACNA1I	0.00385578	0.0779462	0.662308	-1.50987	0.0015109	0.382361	-2.61533	0.00319431	0.428795	-2.33211	0.0697057	1.53218	1.53218	0.00545213	0.463488	-2.15755	0.0445907	1.62434	1.62434	0.609691	0.897353	-1.11439	0.0797333	0.664286	-1.50538	0.0702062	0.653277	-1.53074	7.9398	5.56399	0.622908	1
cg26950953	CACNA1I;CACNA1I	0.00394349	0.442057	0.730025	-1.36982	0.410511	1.40195	1.40195	0.0837277	0.463767	-2.15625	0.999357	1.00032	1.00032	0.00776426	0.253493	-3.94488	0.458663	0.738654	-1.35381	0.00189544	0.170827	-5.85387	0.000302054	0.0945599	-10.5753	0.0117858	0.282889	-3.53496	7.88623	20.1292	2.26885	1
cg23795178	CACNA1I;CACNA1I	0.00456496	0.0109912	0.530007	-1.88677	0.0166122	0.558764	-1.78966	0.00605782	0.490055	-2.04059	0.377104	0.834987	-1.19762	0.00258282	0.435571	-2.29584	0.763805	0.941798	-1.0618	0.00690309	0.498673	-2.00532	0.000535599	0.342322	-2.92123	0.214282	0.770928	-1.29714	7.54483	4.73106	0.557386	1
cg03390717	CACNA1I;CACNA1I	0.00644537	0.232799	0.677066	-1.47696	0.0513574	1.99667	1.99667	0.000752312	0.203294	-4.91899	0.858676	1.05713	1.05713	0.0956028	0.565173	-1.76937	0.306874	0.719124	-1.39058	0.674645	1.14065	1.14065	0.00228006	0.264492	-3.78083	0.0398196	0.476762	-2.09748	6.78712	10.4436	1.36776	1
cg20996561	CACNA1I;CACNA1I	0.00750173	0.0215772	4.71668	4.71668	0.0122242	5.78198	5.78198	0.0774068	3.01461	3.01461	0.102308	2.73193	2.73193	0.0129985	0.176845	-5.65466	0.716531	1.22749	1.22749	0.165185	0.435118	-2.29823	0.185452	0.454171	-2.20181	0.00439611	8.47931	8.47931	6.47354	32.3946	4.44814	1
cg05117693	CACNA1I;CACNA1I	0.00789448	0.602946	1.11718	1.11718	0.106072	0.688886	-1.45162	0.851807	0.961283	-1.04028	0.159872	0.72827	-1.37312	0.00165675	0.386568	-2.58687	0.0495837	1.60481	1.60481	0.00418858	0.444862	-2.24789	0.103296	0.686449	-1.45677	0.00991395	0.502653	-1.98944	6.3707	4.49803	0.6276	1
cg03688400	CACNA1I;CACNA1I	0.00977583	0.17556	0.645973	-1.54805	0.00654919	2.92004	2.92004	0.340975	0.742517	-1.34677	0.0562378	1.92696	1.92696	0.00325918	0.296113	-3.37709	0.155737	0.630777	-1.58535	0.165526	0.63844	-1.56632	0.0903076	0.567629	-1.76171	0.0642129	0.532096	-1.87936	5.9536	8.67912	1.29582	1
cg00191625	CACNA1I;CACNA1I	0.0102289	0.00472761	0.366766	-2.72653	0.00581475	0.380834	-2.62582	0.0147215	0.448258	-2.23086	0.067379	0.578221	-1.72944	0.011561	0.429997	-2.3256	0.167556	0.674919	-1.48166	0.00218115	0.316963	-3.15495	0.0243155	0.488009	-2.04914	0.0620222	0.570309	-1.75344	5.86794	6.63844	1.0056	1
cg25449930	CACNA1I;CACNA1I	0.0125439	0.924131	0.979522	-1.02091	0.336998	0.806527	-1.23988	0.000615799	0.318114	-3.14352	0.986412	1.00371	1.00371	0.00325965	0.418404	-2.39003	0.659487	1.10111	1.10111	0.762856	1.06794	1.06794	0.0545997	0.622746	-1.60579	0.646155	0.904464	-1.10563	5.49376	4.10525	0.664229	1
cg00536366	CACNA1I;CACNA1I	0.0133687	0.431587	0.74189	-1.34791	0.410394	0.731169	-1.36767	0.0849267	0.492344	-2.0311	0.473644	0.762568	-1.31136	0.000498867	0.131892	-7.58199	0.401787	0.726749	-1.37599	0.335633	0.691228	-1.4467	0.00202118	0.197966	-5.05138	0.316454	0.680308	-1.46992	5.38071	11.7892	1.94756	1
cg01257975	CACNA1I;CACNA1I	0.0161134	0.0363907	6.51895	6.51895	0.0658067	4.90872	4.90872	0.24634	2.54561	2.54561	0.218757	2.7099	2.7099	0.0176181	9.25877	9.25877	0.0542957	5.38244	5.38244	0.00135172	36.1347	36.1347	0.0063212	15.4953	15.4953	0.0263194	7.61824	7.61824	5.05909	47.5937	8.36228	1
cg26549713	CACNA1I;CACNA1I	0.0177533	0.146038	0.70686	-1.41471	0.669642	1.10011	1.10011	0.0148887	0.513866	-1.94603	0.528278	0.86759	-1.15262	0.079612	0.648886	-1.5411	0.140272	1.42292	1.42292	0.013367	1.97618	1.97618	0.00935921	0.480659	-2.08048	0.345697	0.805825	-1.24096	4.89779	3.8334	0.695715	1
cg17610933	CACNA1I;CACNA1I	0.0215542	0.181206	0.602627	-1.6594	0.184056	1.6533	1.6533	0.830457	1.07951	1.07951	0.353407	0.71129	-1.4059	0.00827341	0.29977	-3.3359	0.728343	0.88302	-1.13248	0.315664	0.690623	-1.44797	0.00109204	0.179253	-5.57871	0.228839	0.637258	-1.56922	4.58601	9.24594	1.79211	1
cg24149898	CACNA1I;CACNA1I	0.0217854	0.0042798	4.76522	4.76522	0.532065	1.29511	1.29511	0.254792	1.62549	1.62549	0.01009	3.76739	3.76739	0.168742	1.82058	1.82058	0.664604	1.1951	1.1951	0.100467	0.479409	-2.0859	0.057225	0.415216	-2.40838	0.82995	0.915875	-1.09185	4.56928	12.0808	2.35016	1
cg00209484	CACNA1I;CACNA1I	0.0230503	0.358417	1.21878	1.21878	0.913477	1.02303	1.02303	0.186658	0.745821	-1.3408	0.0831688	0.669073	-1.4946	0.964641	1.00933	1.00933	0.735087	1.07374	1.07374	0.00283829	2.36532	2.36532	0.00993133	0.505466	-1.97837	0.8684	0.965855	-1.03535	4.48148	3.11521	0.617894	1
cg00984060	CACNA1I;CACNA1I	0.0247858	0.128738	1.93951	1.93951	0.110328	2.01805	2.01805	0.599451	0.807487	-1.23841	0.176091	1.78671	1.78671	0.4993	1.31879	1.31879	0.0538023	2.41925	2.41925	0.00180036	5.99785	5.99785	0.0896435	0.470013	-2.1276	0.0596284	2.35769	2.35769	4.37029	11.2685	2.29194	1
cg13226135	CACNA1I;CACNA1I	0.0281491	0.103054	0.635587	-1.57335	0.141568	1.49437	1.49437	0.817125	0.942833	-1.06063	0.152914	0.677725	-1.47552	0.0301515	0.523117	-1.91162	0.445455	0.820645	-1.21855	0.432284	1.22589	1.22589	0.00185224	0.325315	-3.07394	0.133922	0.663125	-1.50801	4.17995	4.27551	0.90921	1
cg11312108	CACNA1I;CACNA1I	0.0298188	0.647107	0.871452	-1.14751	0.0217396	2.27581	2.27581	0.089079	0.571345	-1.75026	0.180108	1.5295	1.5295	0.0806455	0.560812	-1.78313	0.297975	0.724648	-1.37998	0.0648978	1.85675	1.85675	0.0177236	0.422783	-2.36528	0.400984	0.773658	-1.29256	4.09563	5.78039	1.25454	1
cg07001072	CACNA1I;CACNA1I	0.0345769	0.177674	0.761649	-1.31294	0.196113	1.29669	1.29669	0.0743264	0.685271	-1.45928	0.811345	0.955568	-1.0465	0.0049506	0.492965	-2.02854	0.652461	0.917444	-1.08998	0.0317292	0.619678	-1.61374	0.012109	0.551837	-1.81213	0.673155	0.922526	-1.08398	3.88418	2.22233	0.508577	1
cg00068153	CACNA1S	0.00512761	0.00248313	0.542496	-1.84333	0.480976	0.901061	-1.1098	0.0182893	0.659335	-1.51668	0.532591	0.912171	-1.09629	0.00354188	0.56276	-1.77696	0.865479	1.02497	1.02497	0.00523591	1.70859	1.70859	0.895982	0.981156	-1.01921	0.0321977	0.694298	-1.4403	7.28231	2.43954	0.297774	1
cg22815214	CACNA1S	0.0161836	0.0214098	0.469962	-2.12783	0.123329	0.633837	-1.57769	0.0327675	0.505465	-1.97838	0.0129078	0.43036	-2.32364	0.350442	0.769108	-1.30021	0.031122	0.501049	-1.99581	0.00484143	0.360347	-2.7751	0.00232562	0.312992	-3.19497	0.154828	0.659731	-1.51577	5.05177	5.96981	1.05042	1
cg19765450	CACNA1S	0.0182238	0.123606	1.37173	1.37173	0.00782016	1.90977	1.90977	0.55257	1.1206	1.1206	0.0602952	1.49412	1.49412	0.147669	0.744985	-1.34231	0.0166277	1.74061	1.74061	0.00462844	2.04213	2.04213	0.0297268	1.62397	1.62397	0.539814	1.12483	1.12483	4.8549	2.76162	0.505628	1
cg01830002	CACNA1S	0.0183762	0.0405183	0.485361	-2.06032	0.734365	0.90116	-1.10968	0.00615696	0.335559	-2.9801	0.144184	0.619162	-1.61509	0.00297994	0.287912	-3.47328	0.173018	0.642064	-1.55748	0.0278408	0.451893	-2.21291	0.0103116	0.372456	-2.68488	0.0345991	0.47101	-2.1231	4.8413	7.15925	1.31448	1
cg09270031	CACNA2D1	0.000156906	0.0288998	1.37179	1.37179	0.124498	1.22641	1.22641	9.87E-05	0.428106	-2.33587	0.00286413	1.65444	1.65444	0.00636839	0.646796	-1.54608	0.703097	0.954096	-1.04811	3.26E-05	0.371287	-2.69334	0.289081	1.14458	1.14458	0.107031	0.805821	-1.24097	19.6173	4.67832	0.211981	1
cg10242763	CACNA2D1	0.00280833	0.0296348	0.741929	-1.34784	0.14126	1.20255	1.20255	0.000351372	1.95345	1.95345	0.766126	1.03539	1.03539	0.23832	0.865894	-1.15488	0.0055923	0.654303	-1.52834	0.04893	0.769407	-1.2997	0.350746	0.894071	-1.11848	0.0859793	1.24757	1.24757	8.7273	1.87862	0.19134	1
cg14363242	CACNA2D1	0.00390953	0.267003	1.25916	1.25916	0.00208327	0.421746	-2.37109	0.0362477	0.615566	-1.62452	0.0152804	1.81034	1.81034	0.0550637	1.54258	1.54258	0.261052	1.26311	1.26311	0.0762318	1.48157	1.48157	0.00944498	0.519174	-1.92614	0.0521454	0.643912	-1.55301	7.90679	4.97275	0.559041	1
cg10030980	CACNA2D1	0.00458556	0.962655	1.01201	1.01201	0.0036063	0.366285	-2.73011	0.00196295	0.327784	-3.05079	0.566925	0.862844	-1.15896	0.0666345	0.592034	-1.68909	0.391887	1.25055	1.25055	0.00252286	2.91223	2.91223	0.364437	1.26813	1.26813	0.416154	0.809107	-1.23593	7.53452	7.75257	0.914614	1
cg14809204	CACNA2D1	0.0060203	0.527266	1.0887	1.0887	0.962771	0.993827	-1.00621	0.00106485	1.89986	1.89986	0.159517	1.22071	1.22071	0.115397	1.25493	1.25493	0.485115	1.09869	1.09869	0.00422298	0.601571	-1.66231	0.198054	0.834867	-1.1978	0.0125004	1.51021	1.51021	6.93193	1.93241	0.247795	1
cg00704369	CACNA2D1	0.01007	0.00454284	0.403928	-2.47569	0.0562115	0.595395	-1.67956	0.0139367	0.482704	-2.07166	0.00681053	0.431402	-2.31802	0.00500341	0.410386	-2.43673	0.575391	0.873098	-1.14535	0.220306	0.734156	-1.36211	0.306286	0.775694	-1.28917	0.00247059	0.364487	-2.74358	5.89744	5.37104	0.809547	1
cg14778169	CACNA2D1	0.0128147	0.0785392	1.36263	1.36263	0.826147	0.965767	-1.03545	0.00201535	1.99347	1.99347	0.00326556	1.88697	1.88697	0.385618	0.868627	-1.15124	0.613483	0.922514	-1.08399	0.288317	0.839833	-1.19071	0.202507	0.808111	-1.23745	0.218473	1.22748	1.22748	5.45565	2.16651	0.352989	1
cg06559389	CACNA2D1	0.0220981	0.783807	0.970881	-1.02999	0.070997	0.805142	-1.24202	0.192823	0.862349	-1.15962	0.0282565	0.757053	-1.32091	0.0949297	0.821035	-1.21797	0.110083	1.20579	1.20579	0.00354588	1.52908	1.52908	0.898193	0.98634	-1.01385	0.557644	0.938269	-1.06579	4.54699	0.831472	0.162544	1
cg10369665	CACNA2D1	0.0225991	0.0124771	0.254544	-3.92859	0.486862	0.732741	-1.36474	0.497493	1.35417	1.35417	0.122666	0.478897	-2.08813	0.113841	0.468975	-2.13231	0.156589	0.513251	-1.94837	0.00237769	0.154935	-6.45434	0.0135594	0.260617	-3.83704	0.0370607	0.344486	-2.90287	4.5121	13.8458	2.72764	1
cg01454305	CACNA2D1	0.0275016	0.403727	0.745668	-1.34108	0.927023	0.969025	-1.03197	0.533648	1.24176	1.24176	0.812369	0.921571	-1.0851	0.00144775	0.205798	-4.85912	0.919012	1.03555	1.03555	0.0134887	2.85892	2.85892	0.610736	1.19282	1.19282	0.592161	0.830492	-1.20411	4.21433	7.87423	1.66083	1
cg02857074	CACNA2D1	0.0289239	0.938434	1.03708	1.03708	0.573717	0.764963	-1.30725	0.413244	0.674179	-1.48328	0.713955	0.840701	-1.18948	0.00362464	0.15637	-6.39511	0.0432769	0.3343	-2.99132	0.00707487	0.193893	-5.15749	0.182032	1.94961	1.94961	0.112522	0.44295	-2.25759	4.14008	14.5664	3.12747	1
cg25161868	CACNA2D1	0.030604	0.12494	0.664749	-1.50433	0.165131	0.694885	-1.43909	0.0356571	0.548189	-1.82419	0.100538	0.642572	-1.55625	0.00194154	0.34033	-2.93832	0.0271983	0.525885	-1.90156	0.0752182	0.614446	-1.62748	0.399679	1.2361	1.2361	0.223045	0.729957	-1.36994	4.05797	3.88461	0.850914	1
cg27100990	CACNA2D1;CACNA2D1	0.0102773	0.646876	0.929986	-1.07528	0.50301	1.11289	1.11289	0.287774	1.18968	1.18968	0.6936	1.06429	1.06429	0.739824	0.948906	-1.05384	0.010818	0.60428	-1.65486	0.000300762	0.396485	-2.52216	0.537585	1.10322	1.10322	0.994967	1.00099	1.00099	5.85909	2.29798	0.348629	1
cg27230510	CACNA2D2;CACNA2D2	1.39E-05	0.00260833	0.473454	-2.11214	0.00438907	0.505547	-1.97805	3.59E-06	0.14244	-7.02051	0.00876994	0.549586	-1.81955	2.09E-06	0.12333	-8.10833	0.000170422	0.317888	-3.14576	1.61E-05	0.203053	-4.92482	0.0577567	0.680642	-1.4692	7.64E-05	0.276454	-3.61724	37.2517	18.9703	0.452663	1
cg22670759	CACNA2D2;CACNA2D2	0.000379088	0.00032291	0.38682	-2.58518	0.000167844	0.351364	-2.84605	0.844251	0.968393	-1.03264	0.276193	0.831143	-1.20316	0.0361095	0.671678	-1.48881	0.577486	0.912205	-1.09624	4.54E-05	0.283879	-3.52263	0.000752906	0.434107	-2.30358	0.191307	0.797791	-1.25346	15.4268	6.51438	0.375358	1
cg23337162	CACNA2D2;CACNA2D2	0.000415442	0.00153557	0.510683	-1.95816	0.00211191	0.528746	-1.89127	5.35E-05	0.329182	-3.03783	0.326467	1.16108	1.16108	0.000139625	0.379146	-2.63751	0.221769	0.827516	-1.20844	0.450691	1.11997	1.11997	0.966209	0.993774	-1.00626	0.959827	0.992602	-1.00745	15.0422	5.17785	0.305975	1
cg13327336	CACNA2D2;CACNA2D2	0.000668653	0.785044	1.04574	1.04574	0.0409393	0.679831	-1.47095	0.124787	0.761993	-1.31235	0.310314	1.18735	1.18735	3.80E-05	0.274376	-3.64464	0.471835	1.12718	1.12718	0.000476653	0.407737	-2.45256	0.0252709	1.54516	1.54516	0.625221	0.922631	-1.08386	13.1789	5.58483	0.376684	1
cg24159214	CACNA2D2;CACNA2D2	0.00141717	0.892084	0.951438	-1.05104	0.0695935	0.475069	-2.10496	0.0397122	0.418049	-2.39206	0.618924	1.20188	1.20188	0.22422	0.626105	-1.59718	0.196581	1.64994	1.64994	0.795427	1.09998	1.09998	8.93E-05	13.0908	13.0908	0.00132315	5.54518	5.54518	10.6522	22.6907	1.89346	1
cg02855924	CACNA2D2;CACNA2D2	0.00197434	0.434958	0.718835	-1.39114	0.0265392	0.33632	-2.97336	0.0560963	0.407935	-2.45137	0.834827	0.917108	-1.09038	0.762878	0.882145	-1.1336	0.456309	1.36946	1.36946	0.716322	1.16327	1.16327	0.000120668	16.1852	16.1852	0.00261175	5.62739	5.62739	9.67824	26.3253	2.41783	1
cg09451427	CACNA2D2;CACNA2D2	0.00559403	0.0282009	0.153897	-6.49785	0.00175962	0.040013	-24.9918	0.909148	1.08593	1.08593	0.668111	0.732358	-1.36545	0.150984	0.329088	-3.0387	0.000331834	0.0152435	-65.6018	0.00843963	0.0881214	-11.348	0.13113	0.308162	-3.24504	0.403425	0.539309	-1.85422	7.09054	58.5681	7.34225	1
cg25821785	CACNA2D2;CACNA2D2	0.00605617	0.451718	0.765521	-1.3063	0.0372404	2.32258	2.32258	0.2748	0.673028	-1.48582	0.0269113	2.49252	2.49252	0.191673	0.617736	-1.61881	0.0483135	2.19531	2.19531	0.0288591	2.45484	2.45484	0.000424251	6.99681	6.99681	0.0567294	2.12033	2.12033	6.91922	13.3086	1.70971	1
cg22075146	CACNA2D2;CACNA2D2	0.00668082	0.0198913	0.535439	-1.86763	0.0232391	0.547235	-1.82737	0.0117428	0.496812	-2.01283	0.08124	0.650796	-1.53658	0.0124307	0.500892	-1.99644	0.0534872	0.614213	-1.6281	0.000320721	0.274168	-3.6474	0.0216436	0.541817	-1.84564	0.0245016	0.551292	-1.81392	6.71193	5.25025	0.695313	1
cg00383793	CACNA2D2;CACNA2D2	0.00996443	0.27301	0.699788	-1.429	0.000583474	0.189429	-5.27904	0.104408	0.573817	-1.74272	0.658485	1.14934	1.14934	0.0291499	0.447351	-2.23538	0.194548	0.650894	-1.53635	0.019292	0.412474	-2.4244	0.00344608	0.288536	-3.46577	0.225438	0.671421	-1.48938	5.91736	9.17618	1.37842	1
cg22120095	CACNA2D2;CACNA2D2	0.0120767	0.175214	0.499865	-2.00054	0.000720343	0.0841582	-11.8824	0.0403022	0.320004	-3.12496	0.711192	1.19587	1.19587	0.146781	0.472826	-2.11494	0.0322873	0.299456	-3.33939	0.00442417	0.160895	-6.21522	0.0468393	0.334701	-2.98774	0.605159	0.778141	-1.28511	5.56198	20.3786	3.25681	1
cg04347447	CACNA2D2;CACNA2D2	0.0123702	0.896194	1.02239	1.02239	0.237256	1.23376	1.23376	0.513805	1.11889	1.11889	0.73821	0.944681	-1.05856	0.0853672	0.724221	-1.38079	0.00238968	2.05057	2.05057	0.00817426	1.77574	1.77574	0.00770082	1.78768	1.78768	0.059855	1.43367	1.43367	5.51876	2.51581	0.405213	1
cg03625136	CACNA2D2;CACNA2D2	0.0130003	0.177874	0.640454	-1.56139	0.0250619	0.436275	-2.29213	0.00176059	0.249858	-4.00227	0.886453	0.956508	-1.04547	0.00710052	0.338777	-2.95179	0.0459736	0.490759	-2.03766	0.0053847	0.319714	-3.1278	0.234906	0.678779	-1.47323	0.0271927	0.443272	-2.25595	5.43011	8.32945	1.3635	1
cg07129669	CACNA2D2;CACNA2D2	0.0148506	0.460428	1.20474	1.20474	0.0703349	0.605688	-1.65101	0.381137	0.800395	-1.24938	0.775135	0.931472	-1.07357	0.5885	1.14498	1.14498	0.0305259	1.87769	1.87769	0.000936331	3.40022	3.40022	0.0335941	1.8501	1.8501	0.789774	0.935916	-1.06847	5.19787	5.05738	0.864864	1
cg03035248	CACNA2D2;CACNA2D2	0.0158844	0.126526	1.42655	1.42655	0.0261384	1.76332	1.76332	0.09729	1.47861	1.47861	0.0125371	1.94927	1.94927	0.0654831	1.55948	1.55948	0.0222343	1.80224	1.80224	0.156669	1.38488	1.38488	0.000925825	2.89552	2.89552	0.0229576	1.79446	1.79446	5.08323	3.71907	0.650343	1
cg23525596	CACNA2D2;CACNA2D2	0.0179346	0.0317697	2.51782	2.51782	0.0314847	2.52301	2.52301	0.191411	0.602049	-1.66099	0.286346	1.50108	1.50108	0.599447	0.823313	-1.2146	0.0187872	2.84175	2.84175	0.351023	1.42209	1.42209	0.00139823	5.46373	5.46373	0.401534	1.37024	1.37024	4.8811	10.4042	1.89469	1
cg23162001	CACNA2D2;CACNA2D2	0.0180615	0.00800106	0.551796	-1.81226	0.62046	0.916378	-1.09125	0.0438871	0.666866	-1.49955	0.206914	0.792269	-1.2622	0.00652638	0.538854	-1.85579	0.364448	1.17708	1.17708	0.00397946	0.507975	-1.9686	0.0418856	0.663492	-1.50718	0.286666	0.824024	-1.21356	4.86954	2.36026	0.430842	1
cg21368467	CACNA2D2;CACNA2D2	0.0204765	0.00778049	0.564663	-1.77097	0.926609	0.98471	-1.01553	0.0149851	0.606403	-1.64907	0.0226328	0.63351	-1.57851	0.0410148	0.674097	-1.48347	0.0929415	0.734072	-1.36226	0.0631438	1.41843	1.41843	0.11024	0.747426	-1.33792	0.0906685	0.732163	-1.36582	4.66703	2.06752	0.393783	1
cg20220436	CACNA2D2;CACNA2D2	0.0228625	0.804648	0.96569	-1.03553	0.638592	1.06892	1.06892	0.223583	1.19739	1.19739	0.0148504	0.655627	-1.52526	0.524476	1.09512	1.09512	0.017293	0.664658	-1.50453	0.0419746	0.718795	-1.39122	0.0291092	1.43661	1.43661	0.136615	1.25347	1.25347	4.49413	1.41265	0.279406	1
cg00127781	CACNA2D2;CACNA2D2	0.0306845	0.0223517	0.600829	-1.66437	0.102569	0.717155	-1.3944	0.00856824	0.535719	-1.86665	0.0312559	0.624782	-1.60056	0.011139	0.553104	-1.80798	0.41592	0.856627	-1.16737	0.716025	0.934265	-1.07036	0.142158	0.745507	-1.34137	0.0104074	0.548574	-1.82291	4.05418	2.22415	0.487651	1
cg26325335	CACNA2D2;CACNA2D2	0.0472454	0.196409	0.196885	-5.07911	0.0445144	0.0642485	-15.5646	0.0779698	0.097277	-10.2799	0.835897	1.27989	1.27989	0.0659907	0.0859517	-11.6344	0.284959	3.74857	3.74857	0.639315	0.570301	-1.75346	0.0322076	19.7758	19.7758	0.0859595	9.55952	9.55952	3.46161	77.6029	19.9272	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16660661	CACNA2D3	4.94E-05	0.899128	0.988527	-1.01161	0.494607	0.938842	-1.06514	0.151175	1.15023	1.15023	0.125906	1.16263	1.16263	0.422706	0.928194	-1.07736
cg01348442	CACNA2D3	7.25E-05	0.000962527	1.68759	1.68759	0.000194182	1.94939	1.94939	0.0864403	1.22337	1.22337	0.0382061	1.29137	1.29137	3.02E-05	0.419619	-2.38311
cg23487721	CACNA2D3	0.000589396	0.0678738	1.80007	1.80007	0.00804316	0.376848	-2.65359	0.00473725	0.340168	-2.93973	0.645333	0.875282	-1.14249	0.04149	0.508784	-1.96547
cg14984943	CACNA2D3	0.000959891	0.00349976	1.81092	1.81092	0.000117966	0.364086	-2.7466	0.00197321	0.519218	-1.92597	0.651759	1.07048	1.07048	0.28784	1.1799	1.1799
cg18563642	CACNA2D3	0.00116139	0.000951384	0.331672	-3.01503	0.00749888	0.462454	-2.16238	0.0123466	0.497548	-2.00986	0.098913	0.666706	-1.49991	0.00025246	0.258731	-3.86502
cg21150675	CACNA2D3	0.00130752	0.0648102	0.740846	-1.34981	0.00476282	0.58153	-1.7196	0.00966292	0.622732	-1.60583	0.691139	1.05946	1.05946	0.00359367	1.76878	1.76878
cg02912059	CACNA2D3	0.00310933	0.702263	0.940307	-1.06348	0.00144119	0.47802	-2.09196	0.417173	1.1421	1.1421	0.00343598	0.528949	-1.89054	0.0694041	1.38472	1.38472
cg07276388	CACNA2D3	0.00325243	0.103828	0.818356	-1.22196	0.00387793	0.645075	-1.55021	0.0105821	0.69602	-1.43674	0.803531	1.02849	1.02849	0.00214096	0.615055	-1.62587
cg20982412	CACNA2D3	0.00366715	0.0957834	0.912294	-1.09614	0.0076008	1.18796	1.18796	0.71712	0.98191	-1.01842	0.0217816	1.14815	1.14815	0.0188894	1.15335	1.15335
cg22615917	CACNA2D3	0.00692943	0.563659	0.877271	-1.1399	0.0453682	0.597578	-1.67342	0.000661797	0.310497	-3.22065	0.638144	1.1121	1.1121	0.000767585	0.31892	-3.13559
cg17563235	CACNA2D3	0.00811593	0.0926279	0.66058	-1.51382	0.00214543	2.62719	2.62719	0.0570291	1.62008	1.62008	0.540589	1.1489	1.1489	0.732721	0.926069	-1.07983
cg08225137	CACNA2D3	0.0100416	0.508639	0.924168	-1.08205	0.110007	1.22738	1.22738	0.651803	0.947975	-1.05488	0.684159	0.953036	-1.04928	0.582168	0.936732	-1.06754
cg08805144	CACNA2D3	0.0164476	0.282154	1.23573	1.23573	0.433208	0.859453	-1.16353	0.0266571	1.64451	1.64451	0.0034082	2.12491	2.12491	0.149024	1.34053	1.34053
cg15980798	CACNA2D3	0.0231367	0.0187577	0.101612	-9.84139	0.00961931	0.0719684	-13.895	0.049952	0.166126	-6.01952	0.223592	0.35821	-2.79166	0.0286292	0.125797	-7.94932
cg23537887	CACNA2D3	0.024896	0.487893	0.750669	-1.33215	0.00533854	4.45268	4.45268	0.309947	1.53352	1.53352	0.31848	0.657317	-1.52134	0.720677	1.15732	1.15732
cg16618218	CACNA2D3	0.0252548	0.144885	0.622167	-1.60729	0.845937	0.942744	-1.06073	0.317929	0.731338	-1.36736	0.727669	0.899463	-1.11177	0.000723458	0.210431	-4.75215
cg01368219	CACNA2D3	0.027153	0.0905726	0.699736	-1.42911	0.232932	0.787022	-1.27061	0.15035	0.744375	-1.34341	0.00384555	0.474297	-2.10838	0.547149	0.88989	-1.12373
cg19093405	CACNA2D3	0.0274549	0.061287	1.93704	1.93704	0.227584	0.672231	-1.48758	0.466734	0.792772	-1.2614	0.654937	0.868449	-1.15148	0.119871	1.69738	1.69738
cg18143243	CACNA2D3	0.029662	0.181823	1.27266	1.27266	0.204848	0.796451	-1.25557	0.543898	0.900767	-1.11017	0.0186276	0.615542	-1.62458	0.0283216	0.643773	-1.55334
cg10137084	CACNA2D3	0.0319302	0.174969	0.759876	-1.316	0.558081	1.11935	1.11935	0.315978	1.21817	1.21817	0.00379001	0.475473	-2.10317	0.00995748	0.53817	-1.85815
cg21506819	CACNA2D3	0.0384794	0.124752	0.292998	-3.41299	0.00240763	0.0440426	-22.7053	0.0394618	0.172124	-5.80976	0.330408	0.476227	-2.09984	0.0704634	0.22461	-4.45216
cg19991383	CACNA2D3	0.0434758	0.0219906	0.185481	-5.39139	0.0196726	0.177656	-5.62887	0.0602171	0.272601	-3.66837	0.2169	0.450801	-2.21828	0.0179415	0.171411	-5.83392
cg03922758	CACNA2D3	0.0480687	0.0309087	0.369435	-2.70684	0.101357	0.494171	-2.02359	0.619957	0.821653	-1.21706	0.999688	1.00015	1.00015	0.00153881	0.166873	-5.99257
cg22931795	CACNA2D3	0.0485063	0.233617	1.43603	1.43603	0.126386	0.619282	-1.61477	0.421837	0.788376	-1.26843	0.260895	0.711914	-1.40466	0.0159122	0.425024	-2.35281
cg17811658	CACNA2D4	3.53E-08	0.00049325	0.638974	-1.56501	0.000914519	1.5021	1.5021	0.000109405	0.571611	-1.74944	8.69E-08	0.23578	-4.24124	5.88E-05	0.542998	-1.84163
cg10951933	CACNA2D4	2.86E-05	0.0325179	0.679347	-1.472	0.130763	1.28672	1.28672	0.842389	0.969711	-1.03123	3.36E-06	0.183879	-5.43837	2.02E-05	0.263924	-3.78897
cg00522935	CACNA2D4	3.87E-05	1.75E-05	0.253888	-3.93874	0.803691	0.96191	-1.0396	2.97E-05	0.279336	-3.57991	3.23E-05	0.283454	-3.5279	0.00606193	0.571872	-1.74864
cg13726878	CACNA2D4	4.46E-05	0.303508	1.1875	1.1875	0.00220201	0.500528	-1.99789	0.00231953	0.503583	-1.98577	0.12155	1.31083	1.31083	1.94E-06	0.149568	-6.68591
cg09292202	CACNA2D4	0.000147475	0.00112563	2.17103	2.17103	0.000903607	0.448039	-2.23195	0.05068	0.697659	-1.43337	0.0150115	1.62158	1.62158	0.034205	0.670636	-1.49112
cg24856673	CACNA2D4	0.00151112	0.615524	1.20669	1.20669	0.0194405	0.350528	-2.85284	0.110036	1.90847	1.90847	0.551623	1.25042	1.25042	0.00661931	0.270383	-3.69846
cg02068832	CACNA2D4	0.00314136	0.021734	0.465037	-2.15037	0.0268988	0.482666	-2.07182	0.00187974	0.293743	-3.40434	0.206052	0.690247	-1.44876	0.000448572	0.21472	-4.65722
cg09629631	CACNA2D4	0.00452678	0.634487	0.896958	-1.11488	0.0161668	1.9505	1.9505	0.538579	0.868164	-1.15186	0.801397	0.944379	-1.0589	0.0235816	0.541261	-1.84754
cg07071839	CACNA2D4	0.00465399	0.0619519	0.601061	-1.66372	0.887551	0.966314	-1.03486	0.167031	0.699932	-1.42871	0.534721	1.16447	1.16447	0.000366892	0.251071	-3.98293
cg19204189	CACNA2D4	0.00539809	0.0338669	0.433812	-2.30515	0.0188379	0.383191	-2.60967	0.00187157	0.226018	-4.42443	0.0429166	0.455894	-2.19349	0.000465509	0.156344	-6.39615
cg25966649	CACNA2D4	0.00591599	0.683787	1.11424	1.11424	0.00433302	0.365242	-2.73791	0.00918753	0.417389	-2.39585	0.00122959	0.286914	-3.48536	0.00939462	0.419004	-2.38661
cg22379862	CACNA2D4	0.00869762	0.0177675	0.483369	-2.06881	0.267497	1.33822	1.33822	0.0182875	0.485605	-2.05928	0.232329	0.729121	-1.37151	0.00103427	0.293529	-3.40682
cg12377084	CACNA2D4	0.0107349	0.15866	0.746923	-1.33883	0.173857	0.755641	-1.32338	0.0816567	0.688183	-1.4531	0.00148954	0.411813	-2.42828	0.0320748	0.614901	-1.62628
cg27649194	CACNA2D4	0.0113402	0.0870863	1.86378	1.86378	0.00833608	3.03765	3.03765	0.6204	1.17884	1.17884	0.824272	1.07604	1.07604	0.0305693	2.3103	2.3103
cg08726801	CACNA2D4	0.0157626	0.0254454	2.94246	2.94246	0.053624	2.43662	2.43662	0.187776	1.76341	1.76341	0.19802	1.73823	1.73823	0.543466	1.28391	1.28391
cg25481491	CACNA2D4	0.0169044	0.136919	0.684326	-1.46129	0.373183	0.805386	-1.24164	0.00654383	0.433291	-2.30792	0.625354	0.890028	-1.12356	0.000827437	0.303591	-3.29391
cg12675583	CACNA2D4	0.0179855	0.00142571	0.407641	-2.45314	0.0267263	1.66616	1.66616	0.134491	1.36867	1.36867	0.380954	0.839648	-1.19098	0.667437	0.91937	-1.0877
cg11957400	CACNA2D4	0.0195948	0.0209354	0.244503	-4.08993	0.837157	1.10997	1.10997	0.372225	0.6285	-1.59109	0.264609	1.80295	1.80295	0.00326783	0.130997	-7.63378
cg08739738	CACNA2D4	0.0209909	0.877647	1.06987	1.06987	0.0380068	0.348347	-2.8707	0.00465608	0.192069	-5.20647	0.0468792	0.368832	-2.71126	0.0223231	0.301079	-3.32138
cg22571065	CACNA2D4	0.0222055	0.0114671	0.301225	-3.31978	0.0101011	0.291945	-3.42531	0.00437619	0.236033	-4.23669	0.0568573	0.441501	-2.265	0.0973634	0.501528	-1.99391
cg21490846	CACNA2D4	0.0226954	0.000942825	0.352326	-2.83828	0.494535	0.863538	-1.15803	0.0630275	0.642556	-1.55628	0.912165	1.02361	1.02361	0.417664	0.839307	-1.19146
cg13551505	CACNA2D4	0.0278271	0.0363145	0.261614	-3.82243	0.0234637	0.225087	-4.44273	0.037865	0.265389	-3.76805	0.193569	0.468634	-2.13386	0.0273582	0.237351	-4.21317
cg03700302	CACNA2D4	0.0284129	0.624281	1.24128	1.24128	0.00112682	8.1575	8.1575	0.0121058	3.9339	3.9339	0.117492	2.10525	2.10525	0.806018	0.897871	-1.11375
cg05169846	CACNA2D4	0.0291137	0.0469757	4.58401	4.58401	0.0673135	3.9467	3.9467	0.114448	3.15707	3.15707	0.254132	2.21974	2.21974	0.274056	2.14281	2.14281
cg10520740	CACNA2D4	0.0302159	0.0283044	0.334682	-2.98791	0.0519939	0.392734	-2.54626	0.00707186	0.229578	-4.35581	0.105897	0.473955	-2.10991	0.00922163	0.247264	-4.04426
cg02874016	CACNA2D4	0.0305502	0.303389	1.35191	1.35191	0.82538	0.939413	-1.06449	0.517417	1.20398	1.20398	0.0113255	0.407808	-2.45214	0.0144445	0.4263	-2.34576
cg19708984	CACNA2D4	0.0367315	0.684043	0.829436	-1.20564	0.0193177	0.274395	-3.64438	0.101065	0.440106	-2.27218	0.269859	0.591461	-1.69073	0.00197913	0.135687	-7.36989
cg14916108	CACNA2D4	0.0446524	0.337395	0.761829	-1.31263	0.267671	0.727898	-1.37382	0.0228923	0.472959	-2.11435	0.125132	0.633448	-1.57866	0.882571	0.960161	-1.04149
cg23415212	CACNB1	0.00103128	0.0893748	2.12697	2.12697	0.00813665	3.91558	3.91558	0.857373	1.07518	1.07518	0.0212682	3.05114	3.05114	0.10769	0.492957	-2.02857
cg16928257	CACNB1	0.0149946	0.693175	0.924459	-1.08171	0.105384	0.704381	-1.41969	0.0481921	0.63939	-1.56399	0.106854	1.41722	1.41722	0.138837	1.37106	1.37106
cg17633033	CACNB1;CACNB1;CACNB1	0.00367853	0.507164	0.897487	-1.11422	0.867711	1.02716	1.02716	0.620182	1.08361	1.08361	0.0669524	1.39107	1.39107	0.159659	1.27318	1.27318
cg02937494	CACNB1;CACNB1;CACNB1	0.00435521	0.89361	1.02145	1.02145	0.0101676	1.67209	1.67209	0.00336386	1.88264	1.88264	0.676537	0.935623	-1.06881	0.325109	0.85116	-1.17487
cg20089715	CACNB1;CACNB1;CACNB1	0.00953347	0.0177708	0.536278	-1.8647	0.0569867	1.59303	1.59303	0.1434	0.711819	-1.40485	0.791593	0.944355	-1.05892	0.000451973	0.302603	-3.30466
cg13501999	CACNB1;CACNB1;CACNB1;CACNB1;CACNB1;CACNB1	0.048259	0.0363284	0.766706	-1.30428	0.151984	0.845747	-1.18239	0.584942	0.941568	-1.06206	0.842786	1.02191	1.02191	0.858788	0.980747	-1.01963
cg24825767	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00817839	0.0380522	0.228243	-4.3813	0.00228989	0.0728444	-13.7279	0.0108171	0.139936	-7.1461	0.129221	0.36525	-2.73785	0.0080969	0.124528	-8.03034
cg00177243	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00976434	0.0126924	0.205799	-4.85911	0.00198817	0.107677	-9.28702	0.0053808	0.154075	-6.49036	0.243153	0.53616	-1.86511	0.0163867	0.223732	-4.46964
ch.10.509007F	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0156444	0.0759567	0.596796	-1.67562	0.0039752	0.363437	-2.75151	0.00208704	0.322379	-3.10194	0.0454512	0.549001	-1.82149	0.487547	0.831648	-1.20243
cg15985191	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0200717	0.530714	1.07788	1.07788	0.73268	1.04132	1.04132	0.506143	0.923424	-1.08293	0.976441	0.996519	-1.00349	0.289075	0.878128	-1.13879
cg00476617	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0359132	0.41952	0.646132	-1.54767	0.00428413	0.13224	-7.56204	0.0165944	0.212406	-4.70796	0.846437	1.10813	1.10813	0.179308	0.469853	-2.12833
cg03634479	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0418569	0.510408	1.42738	1.42738	0.172907	0.461608	-2.16634	0.76943	0.854996	-1.1696	0.307123	1.75679	1.75679	0.293523	0.559479	-1.78738
cg15720089	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	4.13E-05	0.173452	1.41559	1.41559	2.79E-06	0.0674576	-14.8241	8.54E-05	0.183879	-5.43836	0.0632773	0.60579	-1.65074	0.347548	0.792871	-1.26124
cg26803268	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.000334071	0.151473	0.623904	-1.60281	0.000139425	0.132694	-7.53614	4.78E-05	0.0953379	-10.489	0.0240648	0.437816	-2.28406	0.022781	0.43321	-2.30835
cg20546601	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0270262	0.0871769	0.452662	-2.20915	0.134352	0.507887	-1.96894	0.140111	0.51368	-1.94674	0.0448172	0.380417	-2.6287	0.00216279	0.164193	-6.09038
cg09987620	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0414082	0.453656	1.70287	1.70287	0.405336	0.552272	-1.8107	0.00587887	0.0809623	-12.3514	0.707151	0.768597	-1.30107	0.336425	0.500986	-1.99606
cg14357089	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	2.02E-05	0.078321	0.756538	-1.32181	1.41E-05	0.274786	-3.6392	3.16E-05	0.314494	-3.17971	0.00666529	0.6052	-1.65235	0.0674766	0.746569	-1.33946
cg18959207	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	3.79E-05	0.0063452	0.685422	-1.45895	0.0329728	0.76713	-1.30356	0.000761309	0.581411	-1.71995	0.00490933	0.672875	-1.48616	8.65E-05	0.472909	-2.11457
cg26576398	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	6.63E-05	0.503247	1.1333	1.1333	6.30E-06	0.156002	-6.41018	0.000109915	0.285332	-3.50468	0.0270037	0.617341	-1.61985	0.0137047	1.75322	1.75322
cg02635932	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.000440618	0.126329	1.37387	1.37387	0.0138928	0.557822	-1.79269	0.000685723	0.369389	-2.70717	0.0542551	0.657368	-1.52122	0.881627	0.971789	-1.02903
cg07372450	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00145356	0.549238	0.897229	-1.11454	0.000181617	0.322001	-3.10558	0.103673	0.72727	-1.37501	0.220158	1.25948	1.25948	0.000295875	0.348334	-2.87081
cg25868936	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00210202	0.019211	0.642646	-1.55607	0.00421948	0.549914	-1.81847	0.00140205	0.485695	-2.05891	0.208592	1.22987	1.22987	0.000880767	0.459228	-2.17757
cg19998294	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0147146	0.431581	0.711112	-1.40625	0.000719606	0.112374	-8.89884	0.0783617	0.435824	-2.29451	0.866567	0.931068	-1.07404	0.0230511	0.315268	-3.17191
cg24149502	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0258865	0.0840251	0.637943	-1.56754	0.103525	0.657946	-1.51988	0.0232506	0.528473	-1.89224	0.135495	0.685023	-1.4598	0.0153503	0.49678	-2.01296
cg03587042	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00013437	0.205325	0.821096	-1.21788	0.00558982	0.584628	-1.71049	0.000140184	0.379132	-2.6376	0.0785413	1.33409	1.33409	0.000147303	0.381762	-2.61943
cg00300275	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.000239678	0.1765	0.738583	-1.35394	0.159726	1.37278	1.37278	0.161487	0.729552	-1.37071	0.000973262	0.355254	-2.81489	8.22E-06	0.128367	-7.79018
cg17074220	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00255273	0.155099	1.1376	1.1376	0.921321	1.00841	1.00841	0.646374	0.961613	-1.03992	0.338961	0.919879	-1.0871	0.172908	0.884357	-1.13076
cg04764839	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00549111	0.0015715	0.137929	-7.25013	0.146918	0.507063	-1.97214	0.455752	0.717914	-1.39292	0.165171	0.524214	-1.90762	0.0004184	0.0871137	-11.4793
cg09835225	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.00968173	0.0410945	0.801485	-1.24768	0.613527	0.953309	-1.04898	0.376866	0.918383	-1.08887	0.167187	0.870877	-1.14827	0.00135627	0.646118	-1.5477
cg18584578	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.02643	0.00252474	0.519106	-1.92639	0.810064	0.963051	-1.03837	0.0279324	1.50101	1.50101	0.579114	0.916119	-1.09156	0.295426	0.843955	-1.1849
cg00539908	CACNB4;CACNB4;CACNB4	0.00487217	0.815558	1.14465	1.14465	0.364597	1.71369	1.71369	0.00270307	0.0910747	-10.98	0.991666	0.993979	-1.00606	0.505901	1.47736	1.47736
cg12059226	CACNB4;CACNB4;CACNB4	0.00655849	0.000424295	0.313544	-3.18935	0.384342	1.2036	1.2036	0.739842	1.07169	1.07169	0.548213	1.13455	1.13455	0.441771	0.849625	-1.17699
cg18272264	CACNB4;CACNB4;CACNB4	0.0162637	0.31395	0.863247	-1.15842	0.00330479	1.75954	1.75954	0.0133526	1.54153	1.54153	0.104721	1.28452	1.28452	0.392681	1.13162	1.13162
cg03563100	CACNB4;CACNB4;CACNB4	0.021616	0.572738	0.884439	-1.13066	0.894446	0.971802	-1.02902	0.241432	1.3024	1.3024	0.96657	0.991011	-1.00907	0.730632	0.928239	-1.07731
cg23060456	CACNB4;CACNB4;CACNB4	0.0368644	0.18745	0.854667	-1.17005	0.819923	0.974694	-1.02596	0.601011	0.942411	-1.06111	0.610852	0.943945	-1.05938	0.0413158	0.76754	-1.30286
cg02300652	CACNB4;CACNB4;CACNB4;CACNB4	0.000371443	0.00712679	2.46738	2.46738	0.00316673	0.350757	-2.85098	0.00604553	2.5391	2.5391	0.0404724	1.84949	1.84949	0.0177022	0.472556	-2.11615
cg21376136	CACNB4;CACNB4;CACNB4;CACNB4	0.0230852	0.334968	1.35948	1.35948	0.0603759	1.92348	1.92348	0.000994239	4.52916	4.52916	0.190776	1.53399	1.53399	0.212539	0.666626	-1.50009
cg17380770	CACNG1	0.00213412	0.0292128	0.549411	-1.82013	0.0122645	2.06919	2.06919	0.394426	0.816017	-1.22547	0.0048359	0.418462	-2.3897	0.000205204	0.234587	-4.26281
cg04766365	CACNG1	0.00412401	0.00742418	0.588786	-1.69841	0.0132934	1.60194	1.60194	0.591422	0.920136	-1.0868	0.00176527	0.504485	-1.98222	0.862917	1.0269	1.0269
cg07442736	CACNG1	0.00492473	0.0120674	0.403495	-2.47834	0.00505415	2.92985	2.92985	0.265758	0.714438	-1.3997	0.159779	0.646903	-1.54583	0.000783967	0.229365	-4.35986
cg24459563	CACNG1	0.0121873	0.179449	0.612934	-1.6315	0.0181739	2.67656	2.67656	0.230348	0.649218	-1.54031	0.587996	1.20655	1.20655	0.000807054	0.176347	-5.67065
cg03237431	CACNG1	0.0172861	0.794228	0.892737	-1.12015	0.0344014	0.342646	-2.91846	0.00756419	0.225041	-4.44364	0.584217	1.2711	1.2711	0.0018725	0.147399	-6.7843
cg19716073	CACNG1	0.0244953	0.0201483	0.233941	-4.27458	0.00315753	0.123592	-8.09111	0.0619629	0.336419	-2.97249	0.56566	0.740086	-1.35119	0.0098636	0.184463	-5.42115
cg04070986	CACNG1	0.0281996	0.286406	0.546244	-1.83068	0.0706021	3.01513	3.01513	0.149643	0.43008	-2.32515	0.3851	0.614844	-1.62643	0.000998468	0.0692814	-14.4339
cg16841761	CACNG1	0.0287755	0.564244	1.15827	1.15827	0.0478278	0.565313	-1.76893	0.0589695	0.584155	-1.71187	0.304021	1.3078	1.3078	0.00685235	0.413645	-2.41753
cg00940380	CACNG1	0.0303952	0.0031777	0.561528	-1.78085	0.158383	1.24106	1.24106	0.343098	0.869454	-1.15015	0.260724	0.845348	-1.18295	0.668962	1.06354	1.06354
cg09739017	CACNG1	0.0385572	0.925478	1.03854	1.03854	0.832822	1.08919	1.08919	0.652273	0.832492	-1.20121	0.309333	1.52993	1.52993	0.00710304	0.245211	-4.07812
cg01541398	CACNG1	0.0488274	0.00867944	0.425505	-2.35015	0.374955	1.2619	1.2619	0.632477	1.13098	1.13098	0.951536	0.984594	-1.01565	0.97321	1.00862	1.00862
cg18780432	CACNG1;CACNG1	0.00330815	0.0446724	0.558029	-1.79202	0.0212118	0.496052	-2.01592	0.384359	0.797938	-1.25323	0.949783	1.01607	1.01607	7.32E-05	0.161167	-6.20474
cg18666630	CACNG2	4.68E-05	0.00407269	0.512484	-1.95128	0.304478	1.20247	1.20247	0.000396835	0.376171	-2.65837	0.00749768	1.81617	1.81617	1.22E-06	0.114052	-8.76794
cg04933168	CACNG2	0.000874926	0.000627966	0.1876	-5.3305	0.0122494	0.370344	-2.70019	0.00233321	0.258481	-3.86875	0.0364414	2.16853	2.16853	0.000221677	0.141164	-7.08394
cg08242574	CACNG2	0.00494248	0.048034	0.604385	-1.65457	0.354421	1.23649	1.23649	0.0760669	1.55244	1.55244	0.00208108	0.380797	-2.62607	0.00129365	0.351869	-2.84197
cg15606745	CACNG2	0.0178548	0.848249	0.962824	-1.03861	0.0316365	0.607574	-1.64589	0.000369674	0.32394	-3.08699	0.264711	0.794627	-1.25845	0.0742202	0.674751	-1.48203
cg13270055	CACNG2	0.0207739	0.115571	1.65795	1.65795	0.20572	1.4837	1.4837	0.445753	1.25825	1.25825	0.0578572	1.88471	1.88471	0.0926892	0.578792	-1.72774
cg04186249	CACNG2	0.0377796	0.0213561	0.314374	-3.18092	0.0597108	0.411089	-2.43256	0.00385439	0.196109	-5.0992	0.913545	0.955582	-1.04648	0.992028	1.00419	1.00419
cg04191954	CACNG2	0.0466653	0.592752	0.914113	-1.09396	0.00361937	1.92514	1.92514	0.145987	1.29643	1.29643	0.497672	1.12134	1.12134	0.0887856	0.731802	-1.36649
cg20648240	CACNG2	0.0486297	0.460276	0.852824	-1.17257	0.32261	1.24156	1.24156	0.951891	0.987304	-1.01286	0.0637785	0.643207	-1.55471	0.497158	0.864174	-1.15717
cg07873449	CACNG3	1.13E-07	2.62E-07	0.177657	-5.62882	1.28E-05	2.82166	2.82166	0.549623	0.933836	-1.07085	1.47E-05	0.361258	-2.7681	1.33E-07	0.151834	-6.58614
cg07041488	CACNG3	6.37E-05	0.000115605	0.111064	-9.00386	0.00721024	0.323851	-3.08784	0.001113	0.209796	-4.76654	0.726367	1.12101	1.12101	5.28E-05	0.0858738	-11.645

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16660661	0.328536	0.912322	-1.0961	0.429132	0.929188	-1.07621	3.84E-06	2.66513	2.66513	6.03E-06	2.51712	2.51712	26.7066	3.50197	0.116558	1
cg01348442	0.409276	0.914082	-1.09399	0.000137116	2.01798	2.01798	0.00275084	1.55241	1.55241	0.147989	1.17964	1.17964	24.1211	4.32876	0.15952	1
cg23487721	0.315034	1.348	1.348	1.78E-05	0.0803737	-12.4419	0.00790186	0.375579	-2.66256	0.43088	0.793669	-1.25997	13.6516	17.8628	1.16309	1
cg14984943	0.40964	1.13475	1.13475	0.0366354	1.4391	1.4391	0.333633	0.861144	-1.16125	0.129449	0.782246	-1.27837	11.9038	4.23673	0.316368	1
cg18563642	0.00684136	0.456161	-2.19221	0.635116	0.898421	-1.11306	0.274524	1.29015	1.29015	0.00056233	0.301735	-3.31417	11.2765	8.96722	0.706857	1
cg21150675	0.00043999	2.23225	2.23225	0.0416923	1.40439	1.40439	0.263394	0.844813	-1.18369	0.460692	0.89706	-1.11475	10.901	3.61197	0.294526	1
cg02912059	0.198596	0.804362	-1.24322	0.00199017	2.01302	2.01302	0.442461	1.13371	1.13371	0.220066	0.813318	-1.22953	8.4676	3.44381	0.361515	1
cg07276388	0.0454454	1.2951	1.2951	0.0507243	0.778103	-1.28518	0.0138837	1.4086	1.4086	0.0519299	0.779383	-1.28307	8.35489	1.68082	0.178824	1
cg20982412	0.150717	0.925635	-1.08034	0.0018287	0.80077	-1.2488	0.134702	0.922271	-1.08428	0.0309497	0.880639	-1.13554	8.06034	0.321367	0.0354401	1
cg22615917	0.815651	0.948964	-1.05378	0.484755	0.852781	-1.17263	0.948108	0.985507	-1.01471	0.0470286	0.600578	-1.66506	6.63605	5.28777	0.708289	1
cg17563235	0.0983899	0.666229	-1.50099	0.0152821	0.513086	-1.94899	0.0174827	1.91192	1.91192	0.266054	1.29649	1.29649	6.31548	5.02133	0.70674	1
cg08225137	0.00298686	1.61453	1.61453	0.00053739	1.88385	1.88385	0.963049	1.00546	1.00546	0.823313	1.02665	1.02665	5.90278	1.29318	0.194738	1
cg08805144	0.15577	1.33325	1.33325	0.832576	0.960702	-1.04091	0.00510185	2.01552	2.01552	0.0095514	1.86188	1.86188	5.02461	2.85414	0.504916	1
cg15980798	0.159078	0.298683	-3.34804	0.00258311	0.0349622	-28.6023	0.728878	0.756251	-1.32231	0.0381806	0.145289	-6.88282	4.4757	45.6957	9.07532	1
cg23537887	0.887477	0.944013	-1.05931	0.56132	0.7874	-1.27	0.00212922	5.79282	5.79282	0.213112	1.70503	1.70503	4.36356	11.445	2.33144	1
cg16618218	0.390703	1.30547	1.30547	0.277778	1.40787	1.40787	0.171791	1.55409	1.55409	0.526352	0.823181	-1.2148	4.34189	6.31693	1.29323	1
cg01368219	0.247241	1.26069	1.26069	0.58793	1.11044	1.11044	0.198399	1.29727	1.29727	0.0103922	0.539064	-1.85507	4.23326	2.45821	0.516169	1
cg19093405	0.0230049	2.3457	2.3457	0.00715647	2.97104	2.97104	0.0154214	2.53967	2.53967	0.175702	1.57062	1.57062	4.21685	6.56601	1.38408	1
cg18143243	0.152768	0.770649	-1.29761	0.745154	0.946026	-1.05705	0.0123653	1.69863	1.69863	0.367042	1.17075	1.17075	4.1033	1.88086	0.407448	1
cg10137084	0.408284	0.851293	-1.17468	0.302194	0.815907	-1.22563	0.0769211	0.687684	-1.45416	0.375429	1.18905	1.18905	3.997	2.2937	0.510094	1
cg21506819	0.122874	0.290908	-3.43751	0.0180986	0.119983	-8.33453	0.0434703	0.179938	-5.55746	0.286819	0.441763	-2.26366	3.73595	32.2838	7.68124	1
cg19991383	0.116368	0.351228	-2.84716	0.012047	0.146595	-6.8215	0.0366772	0.225684	-4.43098	0.157755	0.396042	-2.52499	3.57119	21.2683	5.29378	1
cg03922758	0.649934	1.19667	1.19667	0.45979	0.743984	-1.34411	0.244686	0.619894	-1.61318	0.269519	0.636465	-1.57118	3.43911	8.41003	2.1737	1
cg22931795	0.0358499	2.02912	2.02912	0.055951	1.87285	1.87285	0.554421	1.1892	1.1892	0.91085	1.03299	1.03299	3.42734	4.55849	1.18226	1
cg17811658	9.19E-07	0.344219	-2.90513	8.69E-10	0.075144	-13.3078	0.118007	1.14952	1.14952	0.0346271	0.816912	-1.22412	171.213	18.2742	0.0948746	1
cg10951933	0.00429433	0.554316	-1.80402	2.54E-05	0.274967	-3.6368	0.156431	0.791199	-1.2639	0.000306224	0.404219	-2.47391	30.8492	11.6617	0.33602	1
cg00522935	0.141205	0.781354	-1.27983	0.189858	1.24174	1.24174	0.915468	1.01669	1.01669	3.04E-05	0.280462	-3.56555	28.4917	10.971	0.342275	1
cg13726878	0.0084815	0.581681	-1.71916	9.16E-05	0.324094	-3.08552	0.120155	1.31239	1.31239	0.002268	0.502263	-1.99099	27.4362	11.2983	0.366046	1
cg09292202	0.115798	0.758517	-1.31836	0.000214128	2.71692	2.71692	0.000159211	0.352166	-2.83957	0.106771	0.752225	-1.32939	19.948	8.25932	0.368038	1
cg24856673	0.890831	1.05228	1.05228	6.72E-05	15.0125	15.0125	0.52583	1.26937	1.26937	0.0666815	2.14452	2.14452	10.4573	22.8018	1.93819	1
cg02068832	0.070089	0.569607	-1.7556	0.988083	1.00416	1.00416	0.339554	0.76066	-1.31465	0.00066099	0.234703	-4.2607	8.44181	10.3269	1.08738	1
cg09629631	0.782725	1.06478	1.06478	0.0075863	0.458538	-2.18085	0.0433241	1.69501	1.69501	0.000724532	0.311194	-3.21343	7.56409	6.17607	0.725777	1
cg07071839	0.0606533	1.66904	1.66904	0.0289819	1.86541	1.86541	0.0230374	0.517718	-1.93156	0.349567	1.26265	1.26265	7.50068	6.96794	0.825755	1
cg19204189	0.0205375	0.390313	-2.56205	0.0256512	0.409156	-2.44406	0.243924	0.662978	-1.50835	0.00912936	0.327417	-3.05421	7.16858	12.9042	1.6001	1
cg25966649	0.099953	0.621151	-1.60991	0.00460366	0.369287	-2.70792	0.816629	1.06328	1.06328	0.0985465	0.619686	-1.61372	6.96942	7.70223	0.982353	1
cg22379862	0.0610184	0.587124	-1.70322	0.0039602	0.376297	-2.65747	0.928021	1.02305	1.02305	0.0935872	0.628062	-1.5922	6.17894	6.22531	0.89556	1
cg12377084	0.304756	0.813979	-1.22853	0.23798	1.27046	1.27046	0.0114304	0.54174	-1.84591	0.00339698	0.462456	-2.16237	5.77771	3.43187	0.527986	1
cg27649194	0.069792	1.95075	1.95075	0.000356561	6.60984	6.60984	0.0619479	1.99905	1.99905	0.259064	1.47406	1.47406	5.67646	9.76302	1.52881	1
cg08726801	0.90861	1.04777	1.04777	0.000671603	8.28218	8.28218	0.00670593	4.17412	4.17412	0.12514	1.96314	1.96314	5.09625	13.3289	2.32482	1
cg25481491	0.417368	0.821835	-1.21679	0.0695514	0.618431	-1.617	0.255989	1.32409	1.32409	0.154996	0.697453	-1.43379	4.97886	4.41977	0.789072	1
cg12675583	0.199586	0.768305	-1.30157	0.0933959	1.43175	1.43175	0.81154	1.04755	1.04755	0.723482	0.933244	-1.07153	4.87645	2.92117	0.532477	1
cg11957400	0.124909	2.32119	2.32119	0.110033	2.41818	2.41818	0.470315	1.45111	1.45111	0.0828129	2.6479	2.6479	4.73736	19.2816	3.61788	1
cg08739738	0.626902	1.23956	1.23956	0.272313	0.605963	-1.65027	0.78101	1.12996	1.12996	0.0052075	0.198619	-5.03477	4.62772	14.087	2.70582	1
cg22571065	0.0315489	0.384249	-2.60248	0.0578607	0.443325	-2.25568	0.0430249	0.41344	-2.41873	0.030617	0.381532	-2.62101	4.53943	10.3456	2.02583	1
cg21490846	0.311531	0.801361	-1.24788	0.0247714	0.568201	-1.75994	0.38904	1.20527	1.20527	0.298749	1.25583	1.25583	4.5055	3.19214	0.629776	1
cg13551505	0.320805	0.568268	-1.75973	0.00245003	0.0980621	-10.1976	0.74372	1.19811	1.19811	0.0641364	0.31785	-3.14614	4.19693	20.177	4.2734	1
cg03700302	0.0441284	2.75276	2.75276	0.60458	1.257	1.257	0.573781	1.28256	1.28256	0.715398	1.17391	1.17391	4.16622	12.6504	2.69903	1
cg05169846	0.0283939	5.65425	5.65425	0.00116158	24.3916	24.3916	0.0360738	5.11639	5.11639	0.112038	3.18579	3.18579	4.13051	29.3325	6.31238	1
cg10520740	0.350826	0.666338	-1.50074	0.0070653	0.229518	-4.35695	0.320392	0.647878	-1.5435	0.251416	0.602559	-1.65959	4.07643	11.5387	2.51607	1
cg02874016	0.352786	1.31054	1.31054	0.0153642	0.431089	-2.31971	0.212977	1.44916	1.44916	0.361363	0.766905	-1.30394	4.06051	5.14497	1.12629	1
cg19708984	0.0625008	0.38358	-2.60702	0.0671087	0.391421	-2.5548	0.289946	0.605308	-1.65205	0.0399293	0.337759	-2.96069	3.79993	12.5728	2.94107	1
cg14916108	0.853512	1.05215	1.05215	0.00581459	2.70074	2.70074	0.425568	1.25082	1.25082	0.287565	0.738075	-1.35488	3.53577	4.23651	1.06505	1
cg23415212	0.203232	1.71802	1.71802	0.000148583	13.8313	13.8313	0.000131164	14.5067	14.5067	0.0827027	2.16908	2.16908	11.6642	29.9913	2.28554	1
cg16928257	0.100921	0.700575	-1.4274	0.00155675	0.406223	-2.4617	0.0416897	0.628091	-1.59213	0.478237	1.15351	1.15351	5.18131	3.21956	0.552338	1
cg17633033	0.0526055	1.42499	1.42499	0.000122813	0.340599	-2.936	0.365076	1.16135	1.16135	0.0844027	1.3591	1.3591	8.05286	3.29479	0.363684	1
cg02937494	0.26006	0.830006	-1.20481	0.00344416	0.532566	-1.8777	0.0631547	1.39301	1.39301	0.0145373	0.620376	-1.61192	7.65322	3.04891	0.354118	1
cg20089715	0.426129	0.838883	-1.19206	0.0636192	0.637094	-1.56963	0.759336	0.935728	-1.06869	0.0596664	0.631624	-1.58322	6.00146	4.44241	0.657975	1
cg13501999	0.964988	1.0048	1.0048	0.0187435	1.36471	1.36471	0.0287395	1.32525	1.32525	0.105625	1.21285	1.21285	3.43397	0.64811	0.167764	1
cg24825767	0.0453315	0.244013	-4.09814	0.00136868	0.0576288	-17.3524	0.028085	0.203181	-4.92173	0.0320125	0.213642	-4.68072	6.30024	37.6618	5.31364	1
cg00177243	0.0376226	0.292037	-3.42423	0.00504772	0.150692	-6.63604	0.0230849	0.249915	-4.00137	0.0648482	0.347067	-2.88129	5.95583	24.5699	3.66698	1
ch.10.509007F	0.659797	1.12275	1.12275	0.00817397	0.412866	-2.42209	0.37195	0.78695	-1.27073	0.435489	0.812245	-1.23116	5.10901	5.52761	0.96172	1
cg15985191	0.243932	0.86591	-1.15485	0.000338731	0.505586	-1.9779	0.058943	0.777334	-1.28645	0.619786	0.942643	-1.06085	4.69884	1.03792	0.196346	1
cg00476617	0.322915	0.582364	-1.71714	0.014632	0.203558	-4.91261	0.0244006	0.241657	-4.1381	0.587413	0.748192	-1.33655	3.83119	17.0136	3.9474	1
cg03634479	0.865548	1.09453	1.09453	0.0140599	0.198727	-5.03203	0.00925789	5.81383	5.81383	0.122738	0.410118	-2.43832	3.6219	16.295	3.99912	1
cg15720089	0.00127522	0.323829	-3.08805	0.000168786	0.215275	-4.64521	7.38E-05	0.177497	-5.63389	0.161342	0.698419	-1.43181	28.0013	25.5368	0.810654	1
cg26803268	0.1043	0.5798	-1.72473	5.21E-05	0.0980413	-10.1998	0.032742	0.464477	-2.15296	0.0448096	0.493145	-2.0278	15.9722	23.8346	1.32645	1
cg20546601	0.229609	0.589182	-1.69727	0.662604	1.20231	1.20231	0.598121	1.2501	1.2501	0.0100114	0.255508	-3.91377	4.24022	11.8272	2.47938	1
cg09987620	0.674353	0.744751	-1.34273	0.00253818	0.0538545	-18.5685	0.749	0.799425	-1.2509	0.273418	0.451655	-2.21408	3.63639	28.0077	6.84627	1
cg14357089	0.00165024	0.52593	-1.9014	6.94E-06	0.241604	-4.139	3.86E-06	0.215303	-4.64462	0.00929705	0.624535	-1.60119	33.7807	10.888	0.286501	1
cg18959207	0.00198409	0.628548	-1.59097	4.45E-06	0.325341	-3.0737	4.56E-06	0.326517	-3.06262	0.0174613	0.735233	-1.36011	28.6323	5.12417	0.15908	1
cg26576398	0.00425982	0.494363	-2.0228	0.00276008	0.467384	-2.13957	0.000117666	0.288828	-3.46227	0.38575	0.848924	-1.17796	24.7003	13.2729	0.477649	1
cg02635932	0.44021	0.859698	-1.1632	5.13E-05	0.233173	-4.28866	0.000150747	0.286647	-3.48861	0.020935	0.586478	-1.70509	14.7997	8.64549	0.519259	1
cg07372450	0.268162	1.22925	1.22925	0.142964	1.32543	1.32543	0.219523	0.793698	-1.25992	0.0295686	0.632263	-1.58162	10.5748	5.3635	0.450839	1
cg25868936	0.123869	1.29707	1.29707	0.0888327	0.746057	-1.34038	0.20161	1.23427	1.23427	0.0138521	0.622077	-1.60752	9.503	3.66675	0.342979	1
cg19998294	0.534051	0.765305	-1.30667	0.0164129	0.287766	-3.47505	0.0111431	0.258893	-3.86259	0.620041	0.808745	-1.23648	5.21368	14.8953	2.53952	1
cg24149502	0.564326	0.871955	-1.14685	0.00485781	0.415597	-2.40618	0.317617	0.784358	-1.27493	0.00457154	0.411548	-2.42985	4.30465	3.76906	0.778292	1
cg03587042	0.000650535	0.462437	-2.16246	1.86E-05	0.27646	-3.61716	0.9065	0.982816	-1.01748	0.535031	0.91149	-1.0971	20.454	7.04937	0.306351	1
cg00300275	0.903749	0.97481	-1.02584	0.00112715	0.363894	-2.74805	0.23128	0.767357	-1.30317	0.000975739	0.355403	-2.81371	17.4897	12.3195	0.626123	1
cg17074220	0.00136844	0.674632	-1.48229	0.000165223	0.580432	-1.72286	0.0262331	0.799787	-1.25033	0.00761083	0.747675	-1.33748	8.9767	1.02069	0.10107	1
cg04764839	0.0883807	0.440346	-2.27094	0.00336274	0.175452	-5.69955	0.372132	0.67049	-1.49145	0.0231687	0.305965	-3.26835	7.13109	21.4948	2.67932	1
cg09835225	0.497375	1.06683	1.06683	0.00731669	0.722757	-1.38359	?	?	?	0.0539685	1.22801	1.22801	6.09193	0.756036	0.124104	1
cg18584578	0.0381431	0.686762	-1.45611	0.118049	0.766922	-1.30391	0.575009	0.915232	-1.09262	0.105515	0.758424	-1.31852	4.27349	1.65477	0.344192	1
cg00539908	0.980533	1.01421	1.01421	0.335069	0.56284	-1.7767	0.000234435	34.0143	34.0143	0.840391	1.12366	1.12366	7.3968	39.1613	4.70609	1
cg12059226	0.142078	0.720419	-1.38808	0.283826	1.26028	1.26028	0.0329228	1.67921	1.67921	0.017488	1.82381	1.82381	6.75058	4.61494	0.607676	1
cg18272264	0.822096	1.03231	1.03231	0.0123581	0.644154	-1.55242	0.841661	0.972151	-1.02865	0.849643	1.02716	1.02716	5.04347	1.59271	0.280707	1
cg03563100	0.346249	0.811398	-1.23244	0.0347898	0.588521	-1.69918	0.000761798	3.00146	3.00146	0.865473	0.964125	-1.03721	4.58151	3.3687	0.653582	1
cg23060456	0.0634462	0.790878	-1.26442	0.00223354	0.61797	-1.6182	0.017859	0.723511	-1.38215	0.594924	1.06218	1.06218	3.79494	0.759484	0.177894	1
cg02300652	0.000234956	4.87719	4.87719	0.00504877	2.62098	2.62098	0.00046312	4.18481	4.18481	0.6603	1.12179	1.12179	15.5135	16.591	0.950626	1
cg21376136	0.541175	0.826091	-1.21052	0.297232	1.39623	1.39623	0.629842	0.860719	-1.16182	0.0466807	2.02079	2.02079	4.47914	6.76713	1.34294	1
cg17380770	0.00932866	0.463636	-2.15687	0.766261	1.07196	1.07196	0.0422715	0.579679	-1.72509	0.211393	0.735725	-1.3592	9.46102	8.14124	0.764892	1
cg04766365	0.145024	1.27177	1.27177	0.00411549	1.80606	1.80606	0.888815	1.02172	1.02172	0.47753	1.11732	1.11732	7.7805	2.90749	0.332169	1
cg07442736	0.0449435	0.513108	-1.94891	0.215536	0.685251	-1.45932	0.0291441	0.474524	-2.10738	0.552804	0.840205	-1.19019	7.37264	9.81719	1.18362	1
cg24459563	0.136492	0.576545	-1.73447	0.0470622	0.458329	-2.18184	0.157771	0.595416	-1.6795	0.45884	0.771878	-1.29554	5.54554	10.3501	1.65901	1
cg03237431	0.0239935	0.310731	-3.21821	0.301638	0.628429	-1.59127	0.313371	0.635953	-1.57244	0.0218805	0.303008	-3.30024	4.9418	14.7473	2.65262	1
cg19716073	0.0352365	0.280501	-3.56505	0.031958	0.271793	-3.67927	0.263458	0.546494	-1.82985	0.0487798	0.311478	-3.2105	4.38822	18.6714	3.78212	1
cg04070986	0.264898	0.530109	-1.8864	0.295311	0.552774	-1.80906	0.0957009	0.368027	-2.71719	0.583531	0.739031	-1.35312	4.17731	19.7387	4.20019	1
cg16841761	0.543596	1.16763	1.16763	0.0537433	1.73694	1.73694	0.73588	0.918196	-1.08909	0.0525289	0.57367	-1.74316	4.14761	4.17429	0.894607	1
cg00940380	0.155475	1.24321	1.24321	0.0437167	1.39384	1.39384	0.159901	0.806481	-1.23996	0.568914	0.920847	-1.08596	4.06787	1.32161	0.288792	1
cg09739017	0.127897	0.514141	-1.94499	0.00535439	0.22707	-4.40392	0.216359	0.591077	-1.69183	0.0710725	0.442654	-2.2591	3.73319	9.65841	2.29971	1
cg01541398	0.00409956	0.373902	-2.6745	0.631069	0.883734	-1.13156	0.498746	1.19175	1.19175	0.975806	0.992283	-1.00778	3.41879	3.53321	0.918638	1
cg18780432	0.0681406	0.596341	-1.67689	0.191561	1.41894	1.41894	0.152629	0.678615	-1.47359	0.0268264	0.514922	-1.94204	8.31267	8.43209	0.901658	1
cg18666630	0.20233	0.791853	-1.26286	0.00140387	0.448429	-2.23001	0.158009	0.769745	-1.29913	0.640028	0.921584	-1.08509	27.0909	12.8972	0.423175	1
cg04933168	0.00672759	0.326723	-3.0607	0.00354206	0.284126	-3.51957	0.61653	0.851527	-1.17436	0.0668996	0.520024	-1.92299	12.2198	19.6118	1.42659	1
cg08242574	0.257739	0.76863	-1.30102	0.116427	1.46244	1.46244	0.115235	1.46457	1.46457	0.812235	1.05445	1.05445	7.36455	5.7904	0.698891	1
cg15606745	0.221328	0.775511	-1.28947	0.600263	1.11023	1.11023	0.564473	0.89119	-1.12209	0.157413	0.74157	-1.34849	4.88842	3.02784	0.550568	1
cg13270055	0.0962598	1.71563	1.71563	0.926077	0.972946	-1.02781	0.000829917	4.42572	4.42572	0.249818	1.42681	1.42681	4.64416	6.42472	1.22969	1
cg04186249	0.168899	1.84641	1.84641	0.528607	0.765608	-1.30615	0.0535844	0.399683	-2.50198	0.369547	0.680084	-1.47041	3.76113	10.4261	2.46405	1
cg04191954	0.0788824	0.722839	-1.38343	0.548338	0.903906	-1.10631	0.901267	0.979567	-1.02086	0.783144	0.955147	-1.04696	3.47776	1.52392	0.389502	1
cg20648240	0.827742	1.04723	1.04723	0.00354909	2.30899	2.30899	0.0537495	1.59012	1.59012	0.734003	1.0749	1.0749	3.42404	2.43196	0.631342	1
cg07873449	0.0409502	0.765865	-1.30571	2.20E-08	0.0933846	-10.7084	0.000100553	0.458539	-2.18084	9.49E-06	0.339721	-2.94359	127.7	25.859	0.179999	1
cg07041488	0.00205869	0.2438	-4.10173	9.14E-06	0.0441566	-22.6467	0.000857625	0.196356	-5.0928	0.000150411	0.12052	-8.29741	24.9657	41.7958	1.48812	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04721098	CACNG3	0.000125743	0.000641291	0.22579	-4.4289	0.0355717	0.499148	-2.00342	0.000459624	0.208817	-4.78889	0.543118	1.19103	1.19103	0.000225178	0.175047	-5.71276	0.632115	1.14682	1.14682	9.62E-06	0.0667371	-14.9842	0.000442322	0.206911	-4.833	0.0809908	0.577241	-1.73238	20.822	26.5995	1.13553	1
cg16586227	CACNG3	0.000179103	5.93E-05	0.153193	-6.52769	0.352957	0.785567	-1.27297	0.000256469	0.218709	-4.57228	0.0481919	0.565433	-1.76856	5.70E-05	0.151562	-6.59798	0.774853	1.0751	1.0751	0.807766	1.06349	1.06349	0.000173389	0.199916	-5.00209	0.00688506	0.413352	-2.41924	18.9285	19.1155	0.897671	1
cg16678467	CACNG3	0.000727385	0.06719	0.409	-2.44499	?	?	?	0.000766605	0.108507	-9.216	0.429256	0.703508	-1.42145	0.00840534	0.230604	-4.33644	0.0888687	0.441371	-2.26567	3.61E-05	0.0311262	-32.1273	0.0193484	0.291524	-3.43025	0.00183891	0.14542	-6.87662	13.1811	35.2461	2.67398	1
cg06979771	CACNG3	0.00338623	0.327241	0.778974	-1.28374	0.00123168	0.31129	-3.21243	0.027373	0.524863	-1.90526	0.104999	1.54886	1.54886	0.00229761	0.349096	-2.86454	0.0289638	0.529461	-1.88871	0.00119908	0.309715	-3.22878	0.924794	0.976951	-1.02359	0.763048	1.07753	1.07753	8.25497	7.97465	0.858704	1
cg03729603	CACNG3	0.00344441	0.302274	0.639475	-1.56378	0.000655603	0.112504	-8.88859	0.00576302	0.220078	-4.54385	0.264312	0.614598	-1.62708	0.001312	0.141305	-7.07689	0.0217737	0.315966	-3.16489	0.00581421	0.220629	-4.5325	0.00732851	0.235427	-4.2476	0.00718482	0.234132	-4.2711	8.21305	22.7692	2.46429	1
cg03366891	CACNG3	0.00530266	0.00410576	0.240964	-4.14999	0.33091	0.690168	-1.44892	0.00810649	0.285625	-3.5011	0.707143	1.1497	1.1497	0.00126364	0.175629	-5.69381	0.653924	1.18152	1.18152	0.0121051	0.314672	-3.17791	0.00831591	0.287409	-3.47936	0.0104812	0.303988	-3.28961	7.20788	15.5968	1.92342	1
cg07514158	CACNG3;CACNG3	0.00214349	0.0460469	0.701647	-1.42522	0.439974	0.885095	-1.12982	0.0515377	1.40985	1.40985	0.0344063	0.682223	-1.4658	0.172573	0.798527	-1.25231	0.0266511	0.66557	-1.50247	0.299595	0.846529	-1.18129	0.00016673	2.70123	2.70123	0.0539645	0.712443	-1.40362	9.44892	3.59458	0.338154	1
cg04543289	CACNG3;CACNG3	0.00985748	0.432962	1.16397	1.16397	0.565087	1.11667	1.11667	0.713268	1.07254	1.07254	0.731795	1.06746	1.06746	0.645042	1.09201	1.09201	0.84332	1.03826	1.03826	0.379509	0.842767	-1.18657	0.000101868	3.6914	3.6914	0.58976	1.10881	1.10881	5.9378	3.38596	0.506879	1
cg17234150	CACNG3;CACNG3	0.0188639	0.0988838	0.625534	-1.59863	0.000847345	0.272356	-3.67166	0.374374	0.789456	-1.2667	0.0594351	1.73615	1.73615	0.328173	0.769751	-1.29912	0.284892	1.33377	1.33377	0.303163	0.758406	-1.31856	0.614737	0.876703	-1.14064	0.31177	1.3117	1.3117	4.7987	5.10929	0.94642	1
cg25160190	CACNG4	0.000419321	0.0112104	0.447747	-2.2334	0.000824252	0.279722	-3.57497	0.00688969	0.412905	-2.42186	0.00136144	0.308651	-3.23991	9.96E-05	0.174457	-5.73209	0.00410891	0.377801	-2.6469	0.000367043	0.236264	-4.23255	0.626181	1.13216	1.13216	0.000582006	0.260549	-3.83805	15.0037	15.193	0.900104	1
cg06260647	CACNG4	0.00165213	0.00095884	0.241112	-4.14745	0.0530426	0.529549	-1.8884	0.239011	0.700055	-1.42846	0.361379	0.762369	-1.3117	0.00247861	0.29629	-3.37507	0.00634629	0.357895	-2.79411	0.00037001	0.192421	-5.19693	0.130988	0.62403	-1.60249	0.000467404	0.20377	-4.90749	10.1916	13.4982	1.17728	1
cg25034117	CACNG4	0.00258709	0.00713761	0.422016	-2.36958	0.0469321	0.568524	-1.75894	0.000317492	0.235062	-4.2542	0.0229996	0.509069	-1.96437	0.440564	0.822599	-1.21566	0.00175757	0.330619	-3.02463	0.00293335	0.362582	-2.75799	0.437118	1.21753	1.21753	0.0175619	0.487973	-2.04929	8.9414	8.73025	0.867898	1
cg03052970	CACNG4	0.00604942	0.0707997	1.50629	1.50629	0.608112	1.11065	1.11065	0.158534	1.35778	1.35778	0.396027	0.838305	-1.19288	0.00527739	0.474117	-2.10918	0.0114098	0.525969	-1.90125	0.519486	1.14168	1.14168	0.00431097	0.460973	-2.16932	0.00615419	0.484226	-2.06515	6.92161	4.51384	0.579678	1
cg10355837	CACNG4	0.0186332	0.454555	0.835285	-1.1972	0.596829	1.13423	1.13423	0.0475423	1.7253	1.7253	0.00304785	0.365331	-2.73725	0.00412834	0.386459	-2.5876	0.784432	0.937415	-1.06676	0.567741	1.14602	1.14602	0.699293	0.912543	-1.09584	0.465264	1.19192	1.19192	5.3794	4.62994	0.669417	1
cg14225195	CACNG4	0.0379052	0.0130453	0.35903	-2.78528	0.12721	0.577758	-1.73083	0.16249	0.608986	-1.64207	0.0333126	0.437213	-2.28721	0.0166965	0.378397	-2.64272	0.0314228	0.431951	-2.31508	0.0534027	0.482011	-2.07464	0.232867	1.516	1.516	0.564466	0.823865	-1.21379	3.75657	6.58162	1.55736	1
cg16375358	CACNG5;CACNG5	0.000132954	0.875147	0.968126	-1.03292	0.0569422	1.55862	1.55862	0.000625838	0.338398	-2.9551	0.0383445	0.609937	-1.63951	9.12E-06	0.138406	-7.22514	0.0786471	0.668737	-1.49536	0.00804919	2.01244	2.01244	0.112953	1.42676	1.42676	0.001055	0.36861	-2.7129	20.5123	13.7871	0.597453	1
cg10020934	CACNG5;CACNG5	0.00158386	0.141689	0.80656	-1.23983	0.000153931	0.413758	-2.41687	0.169823	0.819601	-1.22011	0.340326	1.14304	1.14304	0.342111	1.14244	1.14244	0.610077	1.07248	1.07248	0.000551577	2.0744	2.0744	0.444355	0.899347	-1.11192	0.362018	0.88032	-1.13595	10.3166	3.02433	0.26058	1
cg06226384	CACNG5;CACNG5	0.00974635	0.981655	0.991694	-1.00838	0.0213327	0.366584	-2.72789	0.0124534	0.323686	-3.08941	0.473739	0.767753	-1.3025	0.000466531	0.135892	-7.35877	0.0891563	0.506637	-1.9738	0.872379	0.943355	-1.06005	0.549392	1.24573	1.24573	0.0176421	0.350946	-2.84944	5.95934	12.4179	1.85224	1
cg21637843	CACNG5;CACNG5	0.0217792	0.114663	0.768492	-1.30125	0.436356	0.885259	-1.12961	0.604609	0.92296	-1.08347	0.0332273	0.682478	-1.46525	0.0357716	0.687308	-1.45495	0.368516	1.1523	1.1523	0.00257988	1.89873	1.89873	0.500745	0.90042	-1.11059	0.294725	0.846377	-1.18151	4.56972	1.70488	0.331628	1
cg22495124	CACNG5;CACNG5	0.0402699	0.0608609	0.604273	-1.65488	0.367186	0.801845	-1.24712	0.0789941	1.59198	1.59198	0.92534	0.977903	-1.0226	0.0581476	0.600203	-1.6661	0.417638	1.21831	1.21831	0.210266	1.36991	1.36991	0.973646	0.992155	-1.00791	0.00575154	0.421941	-2.37	3.67402	3.30712	0.800121	1
cg03164238	CACNG6;CACNG6;CACNG6	0.000879707	0.524172	1.13478	1.13478	0.0672097	0.669117	-1.49451	0.0181057	1.75462	1.75462	0.0145106	1.80379	1.80379	0.648154	1.09417	1.09417	0.000114052	0.265372	-3.7683	0.0115001	0.538358	-1.8575	0.00764689	1.95743	1.95743	0.0802488	0.683779	-1.46246	12.201	7.4145	0.540172	1
cg17387838	CACNG6;CACNG6;CACNG6	0.00153853	0.966418	0.991358	-1.00872	0.0758011	1.50296	1.50296	0.0275684	1.71122	1.71122	0.0151692	0.540629	-1.8497	0.07868	0.668556	-1.49576	0.990909	1.00235	1.00235	5.10E-05	0.209221	-4.77963	0.655797	1.09691	1.09691	0.133146	0.716027	-1.39659	10.4033	7.00372	0.598418	1
cg04711474	CACNG6;CACNG6;CACNG6	0.00191527	0.58197	1.10071	1.10071	0.0638172	1.4327	1.4327	0.138068	1.31729	1.31729	0.652499	0.924755	-1.08137	0.0427177	1.4957	1.4957	0.00483262	1.90614	1.90614	4.45E-05	3.79846	3.79846	0.00650486	1.84107	1.84107	0.0344358	1.53069	1.53069	9.76416	4.60576	0.41929	1
cg06802488	CACNG6;CACNG6;CACNG6	0.00210631	0.00183849	2.20591	2.20591	0.000606882	2.57284	2.57284	0.0114211	1.76135	1.76135	0.131742	1.33767	1.33767	0.0177802	1.67419	1.67419	0.696154	1.0727	1.0727	0.878097	0.972927	-1.02783	0.000249548	2.94689	2.94689	0.142594	1.32554	1.32554	9.49733	4.80966	0.450153	1
cg25482874	CACNG6;CACNG6;CACNG6	0.00613411	0.0435589	0.456886	-2.18873	0.852637	0.939164	-1.06478	0.0373376	0.442353	-2.26064	0.0191632	0.384154	-2.60312	0.702364	0.878451	-1.13837	0.732888	0.890804	-1.12258	0.000145794	0.110067	-9.08535	0.585219	1.20445	1.20445	0.040684	0.450392	-2.22029	6.89193	12.4359	1.60393	1
cg05308495	CACNG6;CACNG6;CACNG6	0.00680151	0.229233	0.488373	-2.04761	0.00102944	15.8417	15.8417	0.373223	1.68074	1.68074	0.845881	1.11688	1.11688	0.233778	0.492108	-2.03207	0.940066	1.04364	1.04364	0.00333765	0.103412	-9.67008	0.0228839	4.69453	4.69453	0.738495	1.20963	1.20963	6.67466	34.1077	4.54224	1
cg00447646	CACNG6;CACNG6;CACNG6	0.0080201	0.0594479	2.37698	2.37698	0.0423085	2.59035	2.59035	0.253136	1.62535	1.62535	0.104955	2.05658	2.05658	0.0211918	3.08826	3.08826	0.190697	1.7575	1.7575	0.00021706	12.3132	12.3132	0.00718466	4.10511	4.10511	0.0773662	2.2234	2.2234	6.33914	16.6275	2.33155	1
cg13360823	CACNG6;CACNG6;CACNG6	0.0128323	0.0255613	3.46917	3.46917	0.0618379	2.6807	2.6807	0.142925	2.09229	2.09229	0.0773914	2.51058	2.51058	0.0357114	3.14566	3.14566	0.0553414	2.76882	2.76882	0.000487585	12.9707	12.9707	0.0116805	4.38204	4.38204	0.0767537	2.51668	2.51668	5.45321	18.9875	3.09502	1
cg22025854	CACNG6;CACNG6;CACNG6	0.0146116	0.00823434	0.593952	-1.68364	0.00424799	0.554424	-1.80367	0.744804	1.05163	1.05163	0.424706	0.881912	-1.1339	0.0113371	0.613422	-1.6302	0.0399126	0.693444	-1.44208	0.543667	1.09938	1.09938	0.00706991	0.58476	-1.7101	0.340786	0.859575	-1.16337	5.22579	1.96644	0.334485	1
cg15802263	CACNG6;CACNG6;CACNG6	0.0306413	0.251922	1.54986	1.54986	0.00123822	5.63182	5.63182	0.19757	1.64646	1.64646	0.746741	1.12595	1.12595	0.91036	1.04209	1.04209	0.0698721	2.10029	2.10029	0.749289	1.12455	1.12455	0.00799848	3.47065	3.47065	0.306347	1.47361	1.47361	4.05621	8.60998	1.88681	1
cg16631911	CACNG6;CACNG6;CACNG6;CACNG6;CACNG6;CACNG6	0.0198534	0.0401554	2.22016	2.22016	0.0360729	2.27051	2.27051	0.423507	1.31647	1.31647	0.0619054	2.02819	2.02819	0.0871295	1.88775	1.88775	0.00620556	3.32081	3.32081	0.00391894	3.69089	3.69089	0.00646032	3.29076	3.29076	0.103388	1.82057	1.82057	4.71633	8.45079	1.59272	1
cg11128808	CACNG6;CACNG6;CACNG6;CACNG6;CACNG6;CACNG6	0.041823	0.425452	1.18468	1.18468	0.00810552	2.02573	2.02573	0.0550151	1.57309	1.57309	0.251599	1.28326	1.28326	0.504901	1.1513	1.1513	0.166117	1.36001	1.36001	0.00314217	2.31789	2.31789	0.050892	1.58902	1.58902	0.13842	1.39398	1.39398	3.62299	2.48795	0.610409	1
cg10366742	CACNG7	1.20E-05	0.106806	0.763439	-1.30986	1.59E-06	6.38294	6.38294	0.185181	1.24037	1.24037	0.0659018	1.37208	1.37208	0.044509	0.702077	-1.42435	3.72E-05	0.29653	-3.37234	3.29E-05	3.44223	3.44223	0.00142951	2.028	2.028	0.377286	1.14899	1.14899	38.7046	14.4063	0.330854	1
cg00820995	CACNG7	4.38E-05	0.00239556	0.490658	-2.03808	0.000304001	2.6851	2.6851	0.838416	0.966223	-1.03496	0.00851509	0.568342	-1.7595	0.107769	0.744277	-1.34359	0.10431	1.34826	1.34826	1.96E-06	0.137946	-7.2492	0.31621	0.839977	-1.19051	0.00150176	0.463061	-2.15954	27.5718	12.3663	0.398679	1
cg13672791	CACNG7	0.00369974	0.910591	1.01571	1.01571	0.00215447	1.81783	1.81783	0.372124	1.13556	1.13556	0.0559627	0.740548	-1.35035	0.0324482	1.41533	1.41533	0.0240109	1.4528	1.4528	0.000744205	2.03452	2.03452	0.418264	1.12159	1.12159	0.0533088	0.737454	-1.35602	8.03897	2.45041	0.270948	1
cg19925849	CACNG7	0.004116	0.0478408	2.43521	2.43521	0.00753122	3.86831	3.86831	0.20262	1.69751	1.69751	0.474135	1.33158	1.33158	0.00703896	3.93738	3.93738	0.00523869	4.25797	4.25797	0.000220302	11.2648	11.2648	0.00769472	3.84667	3.84667	0.188909	1.72902	1.72902	7.78507	19.0811	2.17866	1
cg08359013	CACNG7	0.0123716	0.0750846	1.95349	1.95349	0.00182075	4.46857	4.46857	0.253107	1.49666	1.49666	0.920161	1.03445	1.03445	0.0431641	2.19439	2.19439	0.739113	0.893232	-1.11953	0.00149804	4.69356	4.69356	0.0233786	2.4972	2.4972	0.554301	1.22393	1.22393	5.51854	9.9749	1.60669	1
cg16523422	CACNG7	0.0208467	0.0234341	0.71656	-1.39556	0.53603	0.925759	-1.08019	0.129986	0.817633	-1.22304	0.460221	0.911599	-1.09697	0.663879	0.947598	-1.0553	0.0214219	0.711593	-1.4053	0.487523	1.09071	1.09071	0.0170916	1.43025	1.43025	0.00756756	0.655124	-1.52643	4.63861	1.11327	0.213333	1
cg15490596	CACNG7	0.0287659	0.00225926	0.452543	-2.20973	0.808242	0.95589	-1.04615	0.357623	0.839018	-1.19187	0.477204	1.1435	1.1435	0.348867	1.19594	1.19594	0.542673	1.12112	1.12112	0.993919	0.998587	-1.00142	0.0136573	1.76111	1.76111	0.278831	1.23234	1.23234	4.1481	2.26151	0.484615	1
cg21477176	CACNG7	0.033038	0.683822	1.22707	1.22707	0.00479244	6.49435	6.49435	0.0524136	3.01134	3.01134	0.260249	1.79836	1.79836	0.883888	1.07577	1.07577	0.0364871	3.36974	3.36974	0.0497055	3.06132	3.06132	0.00541004	6.23159	6.23159	0.14822	2.17087	2.17087	3.94842	15.619	3.51623	1
cg25253677	CACNG8	1.09E-07	0.290188	1.16974	1.16974	0.212644	1.20621	1.20621	0.000265121	2.35259	2.35259	0.160113	1.23906	1.23906	0.507213	1.10087	1.10087	4.19E-06	4.57669	4.57669	0.00961923	0.626182	-1.59698	1.24E-09	74.107	74.107	0.00395953	0.574946	-1.73929	128.896	41.643	0.287176	1
cg02574502	CACNG8	0.00104481	0.277795	0.804954	-1.24231	0.919225	1.01969	1.01969	0.964603	0.991505	-1.00857	0.0105952	0.53904	-1.85515	0.00134386	0.408342	-2.44893	0.000687936	2.70851	2.70851	0.00177371	2.3529	2.3529	0.594915	0.901972	-1.10868	0.0160866	1.76168	1.76168	11.6211	6.80222	0.520297	1
cg17780246	CACNG8	0.00349512	0.47873	0.837021	-1.19471	0.000498439	3.84085	3.84085	0.429806	0.81947	-1.2203	0.745848	1.08366	1.08366	0.00340892	0.37412	-2.67294	0.796692	0.938211	-1.06586	0.00324964	0.371022	-2.69526	0.875449	0.961991	-1.03951	0.451198	0.827256	-1.20882	8.17722	7.90395	0.859184	1
cg15786180	CACNG8	0.0126595	0.033151	0.37735	-2.65006	0.0592175	2.30136	2.30136	0.0213482	2.95194	2.95194	0.010572	0.284095	-3.51995	0.594184	1.23421	1.23421	?	?	?	0.0380944	0.390343	-2.56185	0.125151	1.91466	1.91466	0.635215	1.20564	1.20564	5.58381	12.0375	2.15579	1
cg06116236	CACNG8	0.0295059	0.0326333	0.456994	-2.18821	0.461645	1.26454	1.26454	0.137417	1.65049	1.65049	0.289811	1.41072	1.41072	0.00554306	0.31936	-3.13126	0.356066	0.742815	-1.34623	0.270457	1.43242	1.43242	0.0926432	0.560144	-1.78526	0.161896	1.59644	1.59644	4.11098	6.38661	1.38093	1
cg26858144	CACNG8	0.0326498	0.0873128	0.570826	-1.75185	0.527038	1.20968	1.20968	0.239272	1.442	1.442	0.116062	1.66078	1.66078	0.00151104	0.257315	-3.88629	0.494914	0.813959	-1.22856	0.232566	0.689483	-1.45036	0.975871	0.991057	-1.00902	0.851982	1.05705	1.05705	3.96521	5.53998	1.24191	1
cg14055896	CACNG8	0.0350731	0.0253486	0.595665	-1.6788	0.109647	1.40483	1.40483	0.0613091	1.50821	1.50821	0.804292	0.952763	-1.04958	0.927771	0.982484	-1.01783	0.0279015	0.602682	-1.65925	0.852981	1.03682	1.03682	0.0257202	1.67581	1.67581	0.337099	0.824578	-1.21274	3.86421	2.32472	0.534757	1
cg20122943	CACNG8	0.0390217	0.00183773	0.0496683	-20.1336	0.0478398	0.215402	-4.64249	0.635639	1.38247	1.38247	0.138122	0.338449	-2.95466	?	?	?	0.168958	0.369907	-2.70338	0.305225	0.486544	-2.05531	0.0833831	0.272389	-3.67122	0.968089	0.973219	-1.02752	3.7756	24.4745	6.48228	1
cg08653692	CACNG8;CACNG8	1.34E-05	0.163472	1.12802	1.12802	1.57E-07	3.75078	3.75078	0.0159163	0.787312	-1.27015	0.400158	0.932619	-1.07225	0.126499	1.14327	1.14327	0.00415467	1.36504	1.36504	0.0257246	0.806898	-1.23931	0.980483	1.00198	1.00198	0.239525	1.10491	1.10491	37.5702	3.90369	0.0923591	1
cg03593550	CACNG8;MIR935	6.41E-05	0.00020812	0.0827989	-12.0775	0.276188	1.57554	1.57554	0.0388061	2.61222	2.61222	0.488514	1.32634	1.32634	4.33E-05	0.0443661	-22.5397	0.0010332	7.0346	7.0346	0.343922	1.47888	1.47888	6.26E-05	19.2874	19.2874	0.0308028	2.76745	2.76745	24.9259	63.5876	2.26762	1
cg07785717	CACNG8;MIR935	7.16E-05	0.00516176	0.377925	-2.64603	0.0451353	1.83248	1.83248	0.00499641	2.66155	2.66155	0.716007	1.10106	1.10106	0.000143225	0.177811	-5.62394	0.00188818	3.19182	3.19182	0.000433014	4.33364	4.33364	2.48E-05	9.10028	9.10028	0.293387	1.33269	1.33269	24.1997	26.6101	0.977425	1
cg18055623	CACNG8;MIR935	0.000184785	0.00251165	0.289833	-3.45026	0.0391036	2.02302	2.02302	0.0130892	2.47979	2.47979	0.745331	0.908309	-1.10095	0.000177629	0.153407	-6.51861	0.00306601	3.30834	3.30834	0.0011905	4.0636	4.0636	0.000272812	5.81297	5.81297	0.858032	1.05426	1.05426	18.7692	25.8847	1.22587	1
cg02694017	CACNG8;MIR935	0.000714301	0.0431557	0.273984	-3.64985	0.0712993	3.06797	3.06797	0.00242874	10.4755	10.4755	0.455779	0.655259	-1.52611	0.0232327	0.220966	-4.52557	0.00397096	8.63187	8.63187	0.103773	0.371581	-2.6912	0.000119819	42.1987	42.1987	0.0197605	4.79003	4.79003	12.9374	63.4561	4.35988	1
cg01666793	CACNG8;MIR935	0.00313561	0.115074	0.558249	-1.79131	0.503796	1.25963	1.25963	0.0267653	2.44196	2.44196	0.257375	1.49504	1.49504	0.126881	0.570212	-1.75373	0.0102256	3.00876	3.00876	0.941416	0.975304	-1.02532	0.000131031	9.57134	9.57134	0.0520359	2.12125	2.12125	8.44642	15.485	1.62962	1
cg24317406	CACYBP;CACYBP	5.46E-06	0.0667411	1.18548	1.18548	6.86E-06	2.28273	2.28273	0.00146644	0.683744	-1.46253	0.0290134	1.23742	1.23742	2.16E-06	0.382133	-2.61689	0.112244	0.866638	-1.15388	0.00136573	0.680709	-1.46906	5.71E-05	1.85578	1.85578	0.00380064	0.723884	-1.38144	47.4385	5.14764	0.0964549	1
cg10119933	CACYBP;CACYBP	1.37E-05	0.308259	1.05557	1.05557	0.00300546	1.23199	1.23199	0.00987074	1.18199	1.18199	0.342952	0.951134	-1.05138	0.100468	0.911859	-1.09666	2.18E-05	0.645581	-1.54899	6.95E-07	0.501213	-1.99516	0.244568	1.06441	1.06441	0.0425976	1.12717	1.12717	37.3924	1.55719	0.0370175	1
cg26787020	CACYBP;CACYBP	0.00153108	0.638308	0.90942	-1.0996	0.246637	0.784306	-1.27501	0.492021	0.869405	-1.15021	0.00142049	2.52406	2.52406	0.0027484	0.436622	-2.29031	0.000835906	0.364901	-2.74047	0.00295873	0.441244	-2.26632	0.0222176	0.577133	-1.7327	0.173337	0.747863	-1.33714	10.4179	6.63541	0.566157	1
cg24338780	CACYBP;CACYBP	0.00271457	0.0180759	1.80947	1.80947	0.520735	0.8742	-1.1439	0.93718	1.01641	1.01641	0.000160077	3.78883	3.78883	0.114534	0.701533	-1.42545	0.0654499	0.652431	-1.53273	0.0206013	0.562175	-1.7788	0.198616	0.755353	-1.32388	0.932221	1.01772	1.01772	8.81537	5.95531	0.600498	1
cg04085339	CACYBP;CACYBP	0.00540435	0.0582882	0.496512	-2.01405	0.644085	1.16442	1.16442	0.23201	0.663556	-1.50703	0.0570736	2.02269	2.02269	0.00101148	0.202732	-4.93263	0.00742796	0.323613	-3.09011	0.00252119	0.253513	-3.94457	0.202622	0.643955	-1.5529	0.0830617	0.533713	-1.87367	7.16603	12.1508	1.50721	1
cg16743289	CACYBP;CACYBP	0.0114882	0.34819	1.27102	1.27102	0.00678892	0.418513	-2.38941	0.85191	1.0475	1.0475	0.181541	1.42213	1.42213	0.00296571	0.363271	-2.75277	0.0392916	0.553143	-1.80785	0.0104253	0.448982	-2.22726	0.0667207	0.600226	-1.66604	0.810756	0.942175	-1.06137	5.65274	5.51967	0.867964	1
cg03921300	CACYBP;CACYBP;CACYBP	0.00597145	0.13132	0.835102	-1.19746	0.108336	0.823847	-1.21382	0.02553	1.34118	1.34118	0.0344058	0.761143	-1.31381	0.247194	1.14321	1.14321	0.834697	0.97715	-1.02338	0.0764089	0.804084	-1.24365	0.104418	1.21695	1.21695	0.00077428	1.75563	1.75563	6.94938	1.34677	0.172264	1
cg13149330	CACYBP;CACYBP;CACYBP	0.0355071	0.0862371	2.96742	2.96742	?	?	?	0.158593	0.423061	-2.36373	0.0184484	0.189076	-5.28887	0.799128	0.865789	-1.15502	0.115628	2.66156	2.66156	0.091204	2.90659	2.90659	0.0777194	0.32429	-3.08366	?	?	?	4.35489	16.7627	3.84917	1
cg03645581	CAD	0.000236061	0.000901359	0.451498	-2.21485	0.00558568	1.79062	1.79062	0.964797	1.00709	1.00709	0.534152	0.904126	-1.10604	0.000913466	0.452257	-2.21113	0.912625	1.01773	1.01773	1.27E-05	0.229998	-4.34787	0.248429	0.824372	-1.21304	0.589216	1.09119	1.09119	17.5622	7.12724	0.360736	1
cg18174402	CAD	0.00526713	0.00225894	0.0933128	-10.7166	0.0171784	0.199573	-5.0107	0.045559	0.280128	-3.5698	0.347523	0.584599	-1.71057	0.00166225	0.0823352	-12.1455	0.112072	0.382794	-2.61237	0.00121454	0.0721871	-13.8529	0.0170871	0.199198	-5.02013	0.0121308	0.176346	-5.67067	7.22273	35.2354	4.33636	1
cg07833644	CAD	0.00721119	0.187432	0.645102	-1.55014	0.000400781	5.85149	5.85149	0.135492	0.603617	-1.65668	0.661766	0.870996	-1.14811	0.330293	0.729647	-1.37052	0.970844	0.988598	-1.01153	0.0232753	0.427061	-2.34159	0.108389	0.577233	-1.7324	0.0898637	0.556213	-1.79787	6.55403	10.2184	1.38587	1
cg01051318	CAD	0.0185675	0.0296745	0.449032	-2.22701	0.15636	1.60688	1.60688	0.343028	0.736705	-1.3574	0.111578	0.581527	-1.71961	0.0183445	0.408497	-2.448	0.891473	1.04363	1.04363	0.00330932	0.286096	-3.49533	0.0127955	0.380115	-2.63078	0.0993413	0.568309	-1.75961	4.82442	7.47641	1.37751	1
cg12506373	CAD	0.0229932	0.185239	0.624388	-1.60157	0.00677608	3.24285	3.24285	0.595281	0.835495	-1.1969	0.252511	0.669854	-1.49286	0.110127	0.557798	-1.79276	0.878291	1.05272	1.05272	0.0074994	0.315439	-3.17019	0.0408413	0.453207	-2.2065	0.260105	0.674489	-1.4826	4.48531	7.98363	1.58218	1
cg03411727	CAD	0.0272959	0.00250375	0.159755	-6.25959	0.205412	0.557933	-1.79233	0.291171	0.619758	-1.61353	0.809524	0.899897	-1.11124	0.012048	0.254714	-3.92597	0.295837	0.622829	-1.60558	0.0155561	0.273649	-3.65432	0.677334	0.832958	-1.20054	0.0181743	0.28574	-3.49968	4.22547	12.7672	2.68578	1
cg04105453	CAD;CAD	0.000649952	0.332636	0.886037	-1.12862	3.89E-05	2.59579	2.59579	0.334052	1.1282	1.1282	0.472918	1.0924	1.0924	0.192789	0.846308	-1.1816	0.0561196	1.29941	1.29941	0.00110915	0.558878	-1.7893	0.0684781	0.781202	-1.28008	0.129292	0.820017	-1.21949	13.2839	3.08364	0.206341	1
cg19016171	CADM1;CADM1	2.70E-05	0.00038008	0.631329	-1.58396	5.12E-06	0.431633	-2.31679	0.142608	0.880119	-1.13621	0.00305977	0.719893	-1.3891	0.0179	1.2626	1.2626	0.000524811	1.54947	1.54947	0.0005436	1.54582	1.54582	0.0171845	0.790358	-1.26525	0.00262376	0.713531	-1.40148	31.3013	3.25491	0.0924322	1
cg16061656	CADM1;CADM1	0.003391	0.125043	0.741029	-1.34947	0.0841813	1.41181	1.41181	0.0214234	1.64693	1.64693	0.396249	0.854862	-1.16978	0.00420617	0.500601	-1.9976	0.333103	1.19748	1.19748	0.000663675	2.56202	2.56202	0.094099	1.3941	1.3941	0.114739	0.73373	-1.3629	8.2515	4.25804	0.458695	1
cg18160302	CADM1;CADM1	0.0169251	0.309345	0.877654	-1.1394	0.594835	0.935582	-1.06885	0.941511	1.00914	1.00914	0.410508	0.900866	-1.11004	0.0118813	1.47627	1.47627	0.0960418	0.797135	-1.25449	0.00241917	0.592171	-1.6887	0.131321	0.817033	-1.22394	0.0907343	1.26007	1.26007	4.97683	1.21286	0.216623	1
cg19697530	CADM1;CADM1	0.0189367	0.137095	1.68818	1.68818	0.0452822	0.463339	-2.15825	0.0220078	0.392015	-2.55092	0.0929321	0.543714	-1.8392	0.492331	0.799997	-1.25001	0.0373629	0.443528	-2.25465	0.00123753	0.174448	-5.73238	0.272592	0.691646	-1.44583	0.788319	1.08949	1.08949	6.19068	9.45577	1.01828	1
cg12848345	CADM1;CADM1	0.0195295	0.893977	0.966683	-1.03446	0.235971	0.729359	-1.37107	0.0163148	2.10905	2.10905	0.00767071	2.38878	2.38878	0.730317	1.09191	1.09191	0.661578	0.894105	-1.11844	0.0134633	0.459563	-2.17598	0.103186	0.635734	-1.57298	0.257609	1.35014	1.35014	4.74272	4.85056	0.9091	1
cg14201467	CADM1;CADM1	0.02023	0.354348	0.619003	-1.6155	0.000426921	0.0603611	-16.567	0.734396	1.18699	1.18699	0.775207	1.15503	1.15503	0.721034	0.834865	-1.1978	0.310092	0.589369	-1.69673	0.258977	0.552766	-1.80908	0.0289832	0.273667	-3.65408	0.573912	1.33108	1.33108	4.68632	18.8063	3.56713	1
cg02788102	CADM1;CADM1	0.020738	0.0446508	0.816191	-1.2252	0.863252	0.984926	-1.0153	0.000921425	1.54672	1.54672	0.336694	0.916429	-1.09119	0.778254	0.975434	-1.02518	0.975566	1.0027	1.0027	0.342103	0.917374	-1.09007	0.114418	0.859609	-1.16332	0.366581	0.921527	-1.08516	4.6469	0.571274	0.109277	1
cg07806801	CADM1;CADM1	0.0291173	0.841391	0.961632	-1.0399	0.0670598	1.49302	1.49302	0.417625	1.17555	1.17555	0.170216	0.751845	-1.33006	0.0371125	1.60413	1.60413	0.66411	1.08906	1.08906	0.0115077	1.85372	1.85372	0.00403209	2.12598	2.12598	0.165455	1.3349	1.3349	4.13033	2.49415	0.536767	1
cg16935707	CADM1;CADM1	0.0299562	0.00832502	1.90698	1.90698	0.0564374	0.661391	-1.51197	0.0282512	1.64182	1.64182	0.404254	1.17745	1.17745	0.209906	1.28778	1.28778	0.349477	1.20243	1.20243	0.00789281	1.91989	1.91989	0.576656	1.114	1.114	0.660324	1.08833	1.08833	4.08895	2.37258	0.515771	1
cg18098433	CADM1;CADM1	0.0305716	0.932419	0.975625	-1.02498	0.111282	1.65649	1.65649	0.292072	0.727568	-1.37444	0.597747	0.856483	-1.16757	0.00328597	0.311792	-3.20727	0.111459	0.603862	-1.65601	0.489163	0.815118	-1.22682	0.737662	1.10275	1.10275	0.00763461	0.368656	-2.71256	4.0595	5.44242	1.1917	1
cg03910065	CADM1;CADM1	0.0311441	0.392529	1.53221	1.53221	0.0233399	4.05494	4.05494	0.0197958	4.30436	4.30436	0.974293	1.01568	1.01568	0.142012	2.18771	2.18771	0.596462	0.77189	-1.29552	?	?	?	?	?	?	0.00406231	8.07782	8.07782	5.18674	14.1907	2.34512	1
cg02642914	CADM1;CADM1	0.04119	0.0248463	1.32672	1.32672	0.616554	1.0549	1.0549	0.492561	0.92888	-1.07657	0.711649	1.04008	1.04008	0.467587	0.924741	-1.08138	0.0847049	1.22365	1.22365	0.0881673	0.819406	-1.2204	0.00710182	0.692009	-1.44507	0.960066	0.994714	-1.00531	3.6435	0.646601	0.157748	1
cg18458597	CADM2;CADM2	0.0157889	0.206073	0.824118	-1.21342	0.611466	1.07713	1.07713	0.181242	0.813954	-1.22857	0.00463237	0.579077	-1.72689	0.0128663	0.63893	-1.56512	0.667594	0.939264	-1.06466	0.0113954	1.58303	1.58303	0.291822	1.1719	1.1719	0.426094	1.1251	1.1251	5.09343	1.6968	0.296121	1
cg03455765	CADM2;CADM2	0.0200725	0.23488	1.33798	1.33798	0.00211347	2.74754	2.74754	0.00496783	2.38621	2.38621	0.0627678	1.63172	1.63172	0.578806	1.14012	1.14012	0.433318	1.2056	1.2056	0.493922	0.850053	-1.1764	0.766249	0.932657	-1.07221	0.0228381	1.89069	1.89069	4.69878	4.06972	0.769887	1
cg12989890	CADM2;CADM2	0.0323179	0.00232799	0.373364	-2.67835	0.695999	1.09526	1.09526	0.832077	1.05043	1.05043	0.353375	0.8015	-1.24766	0.0648912	0.618555	-1.61667	0.0130963	0.490138	-2.04024	0.0945632	0.653246	-1.53082	0.480196	0.846795	-1.18092	0.404951	1.21829	1.21829	3.97976	3.38436	0.755904	1
cg24816464	CADM2;CADM2;CADM2	0.00797966	0.126526	1.23893	1.23893	0.0291154	0.716542	-1.39559	0.262047	0.859339	-1.16368	0.0457163	0.743103	-1.34571	0.538823	0.922509	-1.084	0.273088	0.862561	-1.15934	0.00058169	1.99276	1.99276	0.82362	0.971478	-1.02936	0.12712	0.807462	-1.23845	6.34923	1.68954	0.236534	1
cg03472610	CADM2;CADM2;CADM2	0.0374186	0.0260555	0.253517	-3.9445	0.336197	0.597331	-1.67411	0.570096	0.742123	-1.34749	0.955253	0.971263	-1.02959	0.00186775	0.100968	-9.90409	0.315594	0.58322	-1.71462	0.269358	0.550065	-1.81797	0.431565	1.51759	1.51759	0.0271383	0.256898	-3.89259	3.77434	16.1409	3.80131	1
cg26113636	CADM2;CADM2;CADM2;CADM2	0.0254514	0.164921	0.63877	-1.56551	0.287157	1.39707	1.39707	0.254539	0.697715	-1.43325	0.175269	0.646541	-1.54669	0.0106227	0.378314	-2.6433	0.683514	0.883372	-1.13203	0.00445118	0.317279	-3.1518	0.482879	0.805928	-1.24081	0.00632991	0.341112	-2.93159	4.33017	6.27762	1.28866	1
cg04094169	CADM3;CADM3	0.000950295	0.0298583	0.361717	-2.7646	0.581114	1.24824	1.24824	0.0570471	0.424554	-2.35541	0.17102	1.78598	1.78598	0.000208471	0.0846461	-11.8139	0.0104367	0.277233	-3.60707	9.46E-05	0.0628123	-15.9205	0.62809	1.21437	1.21437	0.380758	0.69927	-1.43006	11.9377	29.9317	2.22873	1
cg06203976	CADM3;CADM3	0.0133319	0.0518532	0.605795	-1.65072	0.0101507	0.479728	-2.08451	0.225715	0.749601	-1.33404	0.296986	0.782743	-1.27756	0.00137052	0.349219	-2.86353	0.00681443	0.45197	-2.21254	0.728551	1.08213	1.08213	0.671484	0.90788	-1.10147	0.0163131	0.514135	-1.94501	5.38558	4.37743	0.722494	1
cg20944283	CADM3;CADM3	0.0193993	0.0421602	0.511246	-1.95601	0.143673	1.56875	1.56875	0.127467	1.60375	1.60375	0.0447058	0.516609	-1.9357	0.00609706	0.358423	-2.79	0.42192	0.790482	-1.26505	0.0300597	0.481304	-2.07769	0.417877	0.78879	-1.26776	0.0228656	0.458235	-2.18229	4.75349	6.18353	1.1563	1
cg24580655	CADM3;CADM3	0.0484998	0.0376603	0.268934	-3.71839	0.28837	1.82276	1.82276	0.598387	1.33577	1.33577	0.39886	0.624717	-1.60073	0.0594773	0.313902	-3.1857	0.202936	0.480899	-2.07944	0.0113105	0.177685	-5.62793	0.0800608	2.87998	2.87998	0.399932	0.625416	-1.59894	3.42752	16.1049	4.17664	1
cg05473175	CADM4	0.0331966	0.46096	0.877138	-1.14007	0.00354165	0.501377	-1.99451	0.0459564	1.49108	1.49108	0.96516	1.00766	1.00766	0.913936	0.981296	-1.01906	0.219043	1.25327	1.25327	0.143447	1.31598	1.31598	0.0684797	1.42791	1.42791	0.51822	0.891902	-1.1212	3.94163	1.9042	0.429422	1
cg14126461	CADM4	0.0344382	0.00236098	0.303104	-3.2992	0.883174	1.04225	1.04225	0.995479	1.0016	1.0016	0.853401	1.05344	1.05344	0.0573752	0.546096	-1.83118	0.470352	1.22959	1.22959	0.0159364	0.435768	-2.2948	0.546811	0.842312	-1.18721	0.37341	1.29324	1.29324	3.88982	4.8793	1.115	1
cg14869941	CADM4	0.0355876	0.0652364	0.600559	-1.66512	0.709326	0.911881	-1.09663	0.522752	1.17301	1.17301	0.0590262	1.69083	1.69083	0.868254	0.959927	-1.04175	0.59789	0.877109	-1.14011	0.00327089	0.37247	-2.68478	0.0787353	1.61769	1.61769	0.970544	0.990945	-1.00914	3.84387	3.69473	0.8544	1
cg14680556	CADM4	0.0410844	0.903632	0.95576	-1.04629	0.0396997	2.43141	2.43141	0.00597114	3.82929	3.82929	0.0230468	0.362276	-2.76033	0.789793	1.10496	1.10496	0.921657	1.03743	1.03743	0.46922	0.759516	-1.31663	0.228227	1.60392	1.60392	0.62357	0.831275	-1.20297	3.64696	8.06058	1.96464	1
cg07788348	CADPS2;CADPS2;CADPS2	5.13E-06	0.535185	0.945077	-1.05812	0.0170998	1.29883	1.29883	0.139837	1.15361	1.15361	1.29E-07	4.50484	4.50484	0.582103	1.05127	1.05127	0.00631346	0.726198	-1.37703	0.000327216	0.593218	-1.68572	9.41E-05	1.87043	1.87043	0.967065	1.00372	1.00372	48.2095	6.17809	0.113912	1
cg26316023	CADPS2;CADPS2;CADPS2	0.00643377	0.537232	1.09607	1.09607	0.0264042	1.47189	1.47189	0.208615	1.21486	1.21486	0.961388	1.00713	1.00713	0.509313	1.10328	1.10328	0.809351	1.03613	1.03613	0.00015904	0.387554	-2.58029	0.5574	0.916563	-1.09103	0.718603	1.05457	1.05457	6.79091	2.31874	0.303509	1
cg09707396	CADPS2;CADPS2;CADPS2	0.00729728	0.152071	0.782209	-1.27843	0.196424	0.803588	-1.24442	0.86825	0.973772	-1.02693	0.138936	1.29045	1.29045	0.913035	1.01764	1.01764	0.000164205	0.357463	-2.79749	0.0239144	0.649597	-1.53942	0.757421	0.951611	-1.05085	0.660563	1.07331	1.07331	6.52977	2.65046	0.360804	1
cg07322688	CADPS2;CADPS2;CADPS2	0.0168366	0.70132	1.08085	1.08085	0.00190609	0.41178	-2.42848	0.023436	0.579118	-1.72676	0.421675	1.18011	1.18011	0.0128573	0.536192	-1.865	0.768221	0.942118	-1.06144	0.22298	0.77232	-1.2948	0.153529	1.36113	1.36113	0.440207	1.17212	1.17212	4.98555	3.21418	0.573066	1
cg09772121	CADPS2;CADPS2;CADPS2	0.0200199	0.517916	0.873457	-1.14488	0.695231	1.08466	1.08466	0.147671	1.37798	1.37798	0.0049413	2.15624	2.15624	0.370665	0.827174	-1.20894	0.0712725	0.659797	-1.51562	0.885907	1.03008	1.03008	0.00350155	2.26495	2.26495	0.682859	0.918708	-1.08849	4.70297	3.17316	0.599745	1
cg25936770	CADPS2;CADPS2;CADPS2	0.023536	0.287828	1.27426	1.27426	0.0176666	0.530563	-1.88479	0.064931	0.634317	-1.5765	0.626493	0.897885	-1.11373	0.664836	0.908706	-1.10047	0.834806	1.04693	1.04693	0.00201965	2.60255	2.60255	0.700185	1.08869	1.08869	0.514966	0.865016	-1.15605	4.44934	3.39892	0.679036	1
cg17557464	CADPS2;CADPS2;CADPS2	0.0247656	0.0557288	0.690887	-1.44742	0.0290653	0.644782	-1.55091	0.0304243	0.647929	-1.54338	0.372019	0.855261	-1.16923	0.441131	0.874594	-1.14339	0.297209	1.20245	1.20245	0.00983396	1.7448	1.7448	0.128827	1.32311	1.32311	0.980404	1.0042	1.0042	4.37153	2.01472	0.409664	1
cg18574157	CADPS2;CADPS2;CADPS2	0.0296357	0.462479	0.834638	-1.19812	0.122784	1.49793	1.49793	0.0055075	2.41527	2.41527	0.0374262	0.557871	-1.79253	0.945097	1.01678	1.01678	0.186468	1.40279	1.40279	0.184869	0.711882	-1.40473	0.0922469	0.638998	-1.56495	0.242807	1.34365	1.34365	4.10459	3.79667	0.822206	1
cg00653041	CADPS2;CADPS2;CADPS2	0.0394406	0.209278	0.464316	-2.1537	0.0270271	4.56167	4.56167	0.0375119	4.05182	4.05182	0.204238	2.17426	2.17426	0.0710235	0.310626	-3.2193	0.214741	2.13212	2.13212	0.0413895	0.255708	-3.91072	0.310514	1.83733	1.83733	0.911708	0.937722	-1.06641	3.70228	19.7052	4.73107	1
cg05058313	CADPS2;CADPS2;CADPS2	0.0438448	0.614249	1.12417	1.12417	0.181972	0.721615	-1.38578	0.0262629	0.544948	-1.83504	0.0211728	0.528218	-1.89316	0.0034472	0.400622	-2.49612	0.832578	0.952417	-1.04996	0.503362	0.855213	-1.1693	0.30683	0.78377	-1.27588	0.0704725	0.627765	-1.59295	3.55996	2.99036	0.746665	1
cg23906001	CADPS2;CADPS2;CADPS2	0.0487735	0.307245	1.31533	1.31533	0.539862	1.17462	1.17462	0.565017	0.859983	-1.16281	0.00841114	0.41778	-2.3936	0.103414	0.630095	-1.58706	0.0561132	1.75246	1.75246	0.543982	1.17265	1.17265	0.0451209	0.55094	-1.81508	0.603964	0.873104	-1.14534	3.42022	3.64266	0.946701	1
cg02439311	CADPS2;CADPS2;CADPS2;CADPS2;CADPS2;CADPS2	0.0187658	0.0375354	0.831518	-1.20262	0.773405	0.97817	-1.02232	0.354507	0.929762	-1.07554	0.418865	0.938799	-1.06519	0.0485944	0.841779	-1.18796	0.486648	1.05553	1.05553	0.0384503	0.832471	-1.20124	0.0261248	1.22359	1.22359	0.00880838	1.29047	1.29047	4.80716	0.445045	0.0822929	1
cg13146020	CADPS2;CADPS2;CADPS2;RNF133	0.0181019	0.284213	0.662492	-1.50945	0.550044	1.25085	1.25085	0.265794	0.651044	-1.53599	0.102447	0.51612	-1.93753	0.00169606	0.190216	-5.25719	0.00437001	0.244385	-4.09191	0.0129195	0.319122	-3.1336	0.471862	0.762728	-1.31108	0.132486	0.548358	-1.82363	4.86588	10.5565	1.92844	1
cg26467717	CADPS2;CADPS2;RNF148;CADPS2;RNF148	0.0251339	0.117147	1.33675	1.33675	0.0878653	0.725259	-1.37882	0.038662	0.66473	-1.50437	0.0812397	0.719208	-1.39042	0.35942	0.851559	-1.17432	0.224263	0.804368	-1.24321	0.00669401	1.82178	1.82178	0.147405	1.30355	1.30355	0.778562	0.953065	-1.04925	4.34914	2.00298	0.409375	1
cg04191342	CADPS;CADPS;CADPS	4.59E-05	0.432134	0.844114	-1.18467	8.15E-07	0.0614636	-16.2698	0.133834	0.710502	-1.40746	0.0128539	1.92138	1.92138	?	?	?	0.087589	1.48976	1.48976	0.339754	0.812218	-1.2312	0.120754	1.42718	1.42718	0.734304	1.07467	1.07467	27.938	17.5749	0.629068	1
cg16915733	CADPS;CADPS;CADPS	5.22E-05	0.0626498	0.719754	-1.38936	0.000219891	0.380385	-2.62892	6.23E-06	0.204856	-4.88147	0.000530926	0.428773	-2.33224	0.130606	0.773938	-1.29209	0.0138319	0.620311	-1.61209	0.000317283	2.49793	2.49793	0.53432	1.10384	1.10384	0.00199504	0.504065	-1.98387	26.3226	10.2723	0.346885	1
cg17149019	CADPS;CADPS;CADPS	0.00719725	0.758007	0.937215	-1.06699	0.593508	0.893114	-1.11968	0.000222234	0.275279	-3.63268	0.853762	0.962026	-1.03947	0.652287	0.909219	-1.09984	0.085767	1.48948	1.48948	0.0222212	1.7773	1.7773	0.435499	1.18168	1.18168	0.982142	0.995315	-1.00471	6.558	4.57249	0.619768	1
cg13491481	CADPS;CADPS;CADPS	0.0106788	0.806412	1.10122	1.10122	0.0984435	2.03743	2.03743	0.00344081	4.76044	4.76044	0.599151	1.23157	1.23157	0.777286	1.1178	1.1178	0.0443935	0.403841	-2.47622	0.334674	0.676563	-1.47806	?	?	?	0.00470318	0.22873	-4.37197	5.90234	12.8148	2.17114	1
cg23825335	CADPS;CADPS;CADPS	0.0118509	0.565091	1.13373	1.13373	0.00104574	2.84907	2.84907	0.0167064	1.87852	1.87852	0.0311486	0.579343	-1.72609	0.858741	0.962283	-1.0392	0.242321	0.76791	-1.30224	0.336574	1.23841	1.23841	0.25088	1.29552	1.29552	0.0750171	1.53401	1.53401	5.59615	4.12793	0.655677	1
cg00581320	CADPS;CADPS;CADPS	0.0159414	0.50523	1.15131	1.15131	0.0107203	0.512562	-1.95098	0.0014575	0.383597	-2.6069	0.057489	0.63907	-1.56477	0.803663	0.949411	-1.05329	0.262168	1.27592	1.27592	0.266009	1.27322	1.27322	0.334731	1.23039	1.23039	0.254816	0.780525	-1.28119	5.07718	3.49261	0.611469	1
cg25008474	CADPS;CADPS;CADPS	0.017901	0.679764	0.880725	-1.13543	0.00229672	3.6839	3.6839	0.0391505	0.481719	-2.0759	0.185516	0.650779	-1.53662	0.0597302	0.521989	-1.91575	0.982804	0.993427	-1.00662	0.200009	1.51324	1.51324	0.0940145	1.75663	1.75663	0.252773	0.693841	-1.44125	4.88417	7.24266	1.31812	1
cg23003926	CADPS;CADPS;CADPS	0.0241777	0.688504	0.843798	-1.18512	0.00454938	0.203348	-4.91767	0.00420962	0.198815	-5.02981	0.332701	0.656286	-1.52373	0.0135672	0.275991	-3.62331	0.139261	0.511369	-1.95553	0.616012	0.808066	-1.23752	0.666059	1.20081	1.20081	0.0428015	0.374308	-2.6716	4.40812	12.4012	2.50068	1
cg02041899	CADPS;CADPS;CADPS	0.0257448	0.975923	0.993434	-1.00661	0.0113343	0.500539	-1.99785	0.668229	0.910184	-1.09868	0.669619	1.09821	1.09821	0.00668929	0.464003	-2.15516	0.0415702	1.6701	1.6701	0.150033	0.71404	-1.40048	0.317891	1.25275	1.25275	0.0858281	0.660748	-1.51344	4.3129	3.25435	0.670721	1
cg27111053	CADPS;CADPS;CADPS	0.0257547	0.0514599	0.242087	-4.13075	0.00885053	0.118626	-8.42985	0.0380618	0.214746	-4.65667	0.31267	0.512666	-1.95059	0.00634619	0.102985	-9.71018	0.543688	0.674882	-1.48174	0.0246064	0.180411	-5.54289	0.02633	0.185378	-5.39439	0.0190495	0.162721	-6.1455	4.31232	27.9532	5.76192	1
cg19270089	CADPS;CADPS;CADPS	0.0298593	0.655089	0.878127	-1.13879	0.366426	1.30762	1.30762	0.000901562	0.237913	-4.20321	0.625662	0.867523	-1.15271	0.0424687	0.508974	-1.96474	0.420942	0.788476	-1.26827	0.467588	1.23819	1.23819	0.0893211	0.581861	-1.71862	0.463616	0.806032	-1.24065	4.09366	5.41709	1.17626	1
cg04570624	CADPS;CADPS;CADPS	0.0464312	0.026962	0.344039	-2.90665	0.239473	0.605475	-1.6516	0.0114685	0.275718	-3.6269	0.0210197	0.322802	-3.09787	0.053884	0.410051	-2.43872	0.359167	0.681107	-1.4682	0.359348	0.681211	-1.46797	0.175117	1.79927	1.79927	0.12097	0.504118	-1.98366	3.48435	9.1558	2.33573	1
cg00016802	CAGE1;CAGE1;CAGE1	3.24E-05	0.0555259	1.16617	1.16617	3.78E-05	1.75152	1.75152	0.251424	1.08859	1.08859	0.764183	0.978912	-1.02154	0.0489015	0.85273	-1.1727	0.759631	1.02198	1.02198	2.36E-06	0.443224	-2.2562	0.00187715	1.36661	1.36661	0.146021	1.1169	1.1169	29.8444	2.3721	0.0706509	1
cg02548912	CAGE1;CAGE1;CAGE1	0.00605342	0.331948	0.789953	-1.2659	0.00565701	0.425176	-2.35197	0.000180867	0.224796	-4.44847	0.0826799	0.635897	-1.57258	0.360573	0.80139	-1.24783	0.797374	0.941194	-1.06248	0.0938881	0.647962	-1.5433	0.0180562	0.508366	-1.96709	0.536227	1.15898	1.15898	6.92019	6.08161	0.781174	1
cg07900658	CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;RIOK1	0.000350544	6.52E-06	0.0282745	-35.3675	0.0754837	2.01949	2.01949	0.425077	1.33552	1.33552	0.0202267	0.36987	-2.70365	?	?	?	0.600999	0.829097	-1.20613	0.243493	0.648267	-1.54257	0.315818	1.44538	1.44538	0.202017	0.619726	-1.61362	16.1516	28.6859	1.77603	1
cg27260630	CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;RIOK1	0.000804934	0.0184615	0.688528	-1.45237	0.942883	0.990687	-1.0094	0.00964349	1.53383	1.53383	0.0146128	0.675268	-1.48089	0.00459125	0.610988	-1.63669	0.00193668	0.563992	-1.77308	0.0024345	1.73492	1.73492	0.0118454	1.50726	1.50726	0.0336747	1.38255	1.38255	12.5104	3.37844	0.240044	1
cg14457132	CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;RIOK1	0.011251	0.0108705	0.658696	-1.51815	0.0564829	0.754335	-1.32567	0.138959	1.23113	1.23113	0.586309	0.930773	-1.07438	0.027985	0.712513	-1.40348	0.00143655	0.5479	-1.82515	0.120324	0.802529	-1.24606	0.140548	1.22996	1.22996	0.811621	0.969309	-1.03166	5.69097	1.53632	0.239962	1
cg25551918	CAGE1;CAGE1;RIOK1;RIOK1;CAGE1	9.18E-05	?	?	?	0.944406	0.976057	-1.02453	0.239241	1.53462	1.53462	0.558841	0.814301	-1.22805	0.443396	0.762192	-1.31201	0.209574	0.631566	-1.58337	9.84E-07	0.0113943	-87.7629	0.787695	0.910465	-1.09834	0.843016	0.933419	-1.07133	23.2316	39.4938	1.7	1
cg03708168	CALB1	0.00163667	0.00484723	0.324671	-3.08004	0.000857192	0.2214	-4.51671	0.00123051	0.240961	-4.15005	0.0437792	0.497643	-2.00947	0.0826236	0.560543	-1.78398	0.00178589	0.262181	-3.81416	0.00108776	0.234176	-4.2703	0.00201711	0.269357	-3.71255	0.00546909	0.332811	-3.00471	10.2193	14.6759	1.27652	1
cg13889963	CALB1	0.00201011	0.709063	0.963616	-1.03776	0.0126827	0.736135	-1.35845	0.0106433	0.727916	-1.37379	0.00326503	0.672644	-1.48667	0.0138974	0.740431	-1.35057	7.19E-05	0.489143	-2.04439	0.0317058	0.779565	-1.28277	0.616193	1.05124	1.05124	0.138679	0.854174	-1.17072	9.62775	1.49099	0.137657	1
cg26290632	CALB1	0.0125294	0.653081	1.09175	1.09175	0.08228	0.688357	-1.45274	0.00463552	2.07657	2.07657	0.136482	1.36512	1.36512	0.787095	0.948835	-1.05392	0.982953	0.995864	-1.00415	0.00157471	0.414499	-2.41255	0.440426	0.85844	-1.1649	0.95154	1.01186	1.01186	5.49584	3.27617	0.529883	1
cg18335796	CALB1	0.0259806	0.0543464	1.85721	1.85721	0.212181	1.45153	1.45153	0.714044	0.900906	-1.10999	0.00596337	2.77149	2.77149	0.612191	0.865058	-1.15599	0.404	0.784956	-1.27396	0.0408957	0.512145	-1.95257	0.0163975	2.29735	2.29735	0.543904	1.19028	1.19028	4.2992	5.47449	1.13189	1
cg06281795	CALB1	0.0271636	0.491354	1.20212	1.20212	0.00355805	2.82995	2.82995	0.234642	1.38833	1.38833	0.759558	1.08421	1.08421	0.18879	0.693021	-1.44296	0.859295	1.04784	1.04784	0.00863651	0.414017	-2.41536	0.640697	1.13179	1.13179	0.304467	0.755716	-1.32325	4.23268	4.64997	0.976522	1
cg06389098	CALB2;CALB2;CALB2	2.29E-05	0.354191	1.32277	1.32277	0.305399	0.732384	-1.3654	1.56E-05	0.07277	-13.7419	0.23169	1.44503	1.44503	1.67E-05	0.0745372	-13.4161	0.00476226	0.332907	-3.00384	2.90E-06	0.0376112	-26.5878	0.00111559	0.244377	-4.09203	0.00407071	0.322512	-3.10066	32.6837	44.5802	1.21243	1
cg07108002	CALB2;CALB2;CALB2	4.72E-05	?	?	?	2.15E-06	0.025359	-39.4338	0.659533	0.86928	-1.15038	?	?	?	?	?	?	0.493659	0.802801	-1.24564	0.117994	1.70978	1.70978	?	?	?	0.329272	1.37457	1.37457	31.3624	27.5519	1.4056	1
cg04245373	CALB2;CALB2;CALB2	0.00110756	0.404967	0.842394	-1.18709	0.238426	1.28216	1.28216	0.00635868	2.04404	2.04404	?	?	?	0.00029056	0.30441	-3.28504	0.197482	1.31549	1.31549	0.47657	1.15684	1.15684	0.00147752	0.397196	-2.51765	0.0138384	0.542119	-1.84461	11.6997	6.67303	0.570359	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)
cg27207776	CALB2;CALB2;CALB2	0.00584841	0.686592	0.866892	-1.15355	0.0285044	0.402437	-2.48486	0.0346619	0.420103	-2.38037	0.0253321	0.392104	-2.55034	0.00388128	0.254221
cg09697458	CALB2;CALB2;CALB2	0.00775572	0.826603	0.978002	-1.02249	0.659707	1.04595	1.04595	0.548196	0.940254	-1.06354	0.0780351	0.819939	-1.2196	0.574928	0.94417
cg06528228	CALB2;CALB2;CALB2	0.0125041	0.824467	1.03596	1.03596	0.00764367	0.579656	-1.72516	0.000957072	0.457257	-2.18695	0.0372886	0.680844	-1.46877	0.340517	1.16907
cg09452293	CALB2;CALB2;CALB2	0.0236447	0.0481086	0.605283	-1.65212	0.0562997	0.618561	-1.61666	0.323506	1.25436	1.25436	0.56881	0.87986	-1.13654	0.00519453	0.440527
cg16893574	CALB2;CALB2;CALB2	0.0322556	0.0701677	0.363696	-2.74955	0.083219	0.383586	-2.60698	0.774943	1.15399	1.15399	0.592841	0.763628	-1.30954	0.0312528	0.282892
cg04628802	CALB2;CALB2;CALB2	0.0458411	0.275653	0.669029	-1.4947	0.0464906	0.44568	-2.24376	0.0632073	0.476864	-2.09703	0.886928	1.05172	1.05172	0.0188932	0.365045
cg18470144	CALCA;CALCA;CALCA	0.00261905	0.00893736	0.495635	-2.01762	0.141316	0.71616	-1.39634	?	?	?	0.00737944	0.482564	-2.07226	0.0100894	0.504012
cg10467022	CALCA;CALCA;CALCA	0.00382542	0.0573858	0.591985	-1.68923	0.00182917	0.339588	-2.94475	0.0146509	0.480463	-2.08132	0.0148764	0.48161	-2.07637	0.0892111	0.633099
cg08929188	CALCA;CALCA;CALCA	0.00564102	0.572893	0.916821	-1.09073	0.000553102	2.26417	2.26417	0.103214	1.31219	1.31219	0.460351	1.1214	1.1214	0.886279	1.02205
cg11697588	CALCA;CALCA;CALCA	0.0202281	0.122002	0.564193	-1.77244	0.693457	0.873473	-1.14485	0.0563353	2.09156	2.09156	0.533397	0.806215	-1.24036	0.148657	0.589215
cg05397812	CALCA;CALCA;CALCA	0.0204171	0.0353406	0.363845	-2.74843	0.00217329	0.169544	-5.89817	0.0465576	0.39049	-2.56088	0.116197	0.494445	-2.02247	0.0735437	0.439082
cg07529966	CALCA;CALCA;CALCA	0.0397172	0.679276	1.04464	1.04464	0.00150774	1.61646	1.61646	0.584175	0.943599	-1.05977	0.569623	1.06222	1.06222	0.0608289	1.24854
cg06081951	CALCA;CALCA;CALCA	0.0404083	0.998773	1.00064	1.00064	0.0880579	0.457302	-2.18674	0.226811	0.590115	-1.69459	0.429703	1.39803	1.39803	0.0358177	0.362346
cg16245265	CALCA;CALCA;CALCA	0.0405863	0.0746524	0.403784	-2.47657	0.997441	0.998536	-1.00147	0.00983513	4.43805	4.43805	0.323575	0.627743	-1.59301	0.0931692	0.430209
cg06927878	CALCB	0.000269927	0.0743931	0.862821	-1.15899	0.0053478	0.761617	-1.313	2.80E-05	0.542277	-1.84408	0.160845	0.894785	-1.11759	0.00701453	0.772012
cg14795328	CALCB	0.00460732	0.639166	0.881478	-1.13446	0.00179853	0.305365	-3.27477	0.00196148	0.310625	-3.21932	0.491254	0.829638	-1.20534	0.000743904	0.254673
cg14023329	CALCB	0.0115154	0.364234	0.745408	-1.34155	0.947049	1.02115	1.02115	0.00387044	0.293407	-3.40823	0.00207856	0.25517	-3.91895	0.0111218	0.36676
cg17569032	CALCB	0.0199156	0.0987537	0.387685	-2.57941	0.00145658	0.0901052	-11.0981	0.0242586	0.24516	-4.07896	0.204509	0.49617	-2.01544	0.00834207	0.171254
cg02583620	CALCB	0.0201609	0.0186068	0.204115	-4.8992	0.0171966	0.198507	-5.03762	0.0065216	0.139618	-7.16242	0.0277575	0.234834	-4.25832	0.00929286	0.15912
cg26418507	CALCOCO1;CALCOCO1;CALCOCO1	0.000834659	0.897164	0.983987	-1.01627	0.00241649	0.590125	-1.69456	0.133514	0.817059	-1.2239	0.000243608	0.46897	-2.13233	0.00946402	0.663316
cg07503684	CALCOCO1;CALCOCO1;CALCOCO1	0.0109929	0.0707275	0.869956	-1.14948	0.360396	0.937192	-1.06702	0.0882902	1.13854	1.13854	0.0050377	0.774216	-1.29163	0.568603	1.04055
cg14250600	CALCOCO1;CALCOCO1;CALCOCO1	0.0162218	0.308869	1.14768	1.14768	0.265272	1.16398	1.16398	0.0154366	0.67794	-1.47506	0.498215	1.0941	1.0941	0.0927553	1.2737
cg16474117	CALCOCO1;CALCOCO1;CALCOCO1	0.0323817	0.00115037	0.173218	-5.77308	0.992117	0.996381	-1.00363	0.0828649	0.494243	-2.0233	0.304694	0.677023	-1.47706	0.7912	1.10227
cg21872608	CALCOCO1;CALCOCO1;CALCOCO1	0.0351333	0.0797513	0.741154	-1.34925	0.316696	0.852601	-1.17288	0.186303	1.24091	1.24091	0.57071	1.09229	1.09229	0.465114	1.12134
cg20396069	CALCOCO2	0.000472703	0.000167104	2.60228	2.60228	0.49806	1.10809	1.10809	0.0520156	0.719041	-1.39074	0.00319213	0.548409	-1.82346	0.0561585	0.724166
cg04154812	CALCOCO2	0.00375537	0.0282293	0.711107	-1.40626	0.00103664	0.527656	-1.89517	0.356256	0.882615	-1.133	0.0885771	0.780967	-1.28046	0.0659077	0.762213
cg27530239	CALCOCO2	0.0126506	0.00242505	1.95586	1.95586	0.0559226	1.41067	1.41067	0.0109575	1.66072	1.66072	0.14921	0.782127	-1.27856	0.208772	1.23433
cg21044022	CALCOCO2	0.041566	0.00189135	0.354699	-2.81929	0.419468	1.2143	1.2143	0.22645	0.741601	-1.34843	0.725843	1.0864	1.0864	0.0346055	0.559939
cg19524362	CALCR;CALCR	9.78E-06	0.306518	1.17498	1.17498	0.94977	1.00964	1.00964	0.311714	1.17282	1.17282	0.858666	1.02752	1.02752	0.366864	1.15165
cg01108106	CALCR;CALCR	2.05E-05	0.777715	1.02082	1.02082	0.693167	0.97154	-1.02929	0.989787	1.00093	1.00093	0.000437102	1.49873	1.49873	0.146079	1.12032
cg01460227	CALCR;CALCR	3.88E-05	0.732289	1.01953	1.01953	0.505698	0.962678	-1.03877	0.112751	1.10212	1.10212	0.00586665	1.22521	1.22521	0.018079	1.17553
cg05384712	CALCR;CALCR	0.00142189	0.0583197	0.707732	-1.41296	0.553728	1.10163	1.10163	0.501661	1.11648	1.11648	0.858187	1.02932	1.02932	0.0515018	1.4307
cg17449465	CALCR;CALCR	0.0015211	0.0190044	0.518324	-1.92929	0.00742263	0.450203	-2.22122	0.711984	0.917762	-1.08961	0.000402957	0.271981	-3.67672	0.548383	1.1509
cg05876738	CALCR;CALCR	0.00198196	0.0422026	1.46991	1.46991	0.0184324	1.60091	1.60091	0.00483286	1.85006	1.85006	3.92E-05	3.65315	3.65315	0.808149	1.04085
cg23239396	CALCR;CALCR	0.00298514	0.00047722	4.53085	4.53085	0.0199053	2.16919	2.16919	0.141807	1.54533	1.54533	0.987575	1.0043	1.0043	0.636158	1.14032
cg13095704	CALCR;CALCR	0.00327452	0.0874597	0.567323	-1.76266	0.941635	1.02224	1.02224	0.048909	0.508841	-1.96525	0.819474	1.07109	1.07109	0.222043	0.680055
cg03722243	CALCR;CALCR	0.00573152	0.0862038	0.480077	-2.083	0.0706034	2.18609	2.18609	0.579058	1.24224	1.24224	0.284157	0.650064	-1.53831	0.24087	0.621719
cg07123608	CALCR;CALCR	0.0079467	0.221091	1.29159	1.29159	0.0371672	1.61811	1.61811	0.00374825	0.459112	-2.17812	0.0104138	0.526414	-1.89965	0.669331	0.918091
cg06934092	CALCR;CALCR	0.015575	0.0563959	0.552299	-1.81061	0.327985	0.757697	-1.31979	0.00495098	0.359641	-2.78055	0.00357838	0.33813	-2.95745	0.10111	0.610559
cg12510028	CALCR;CALCR	0.0157733	0.903049	0.933497	-1.07124	0.821865	1.13581	1.13581	0.158851	0.427227	-2.34067	0.240066	0.499242	-2.00304	0.223436	0.485607
cg21756194	CALCR;CALCR	0.0168212	0.0662349	0.472689	-2.11556	0.00121326	0.178573	-5.59994	0.520425	1.26736	1.26736	0.11612	0.537375	-1.8609	0.0707993	0.479881
cg20276156	CALCR;CALCR	0.0203084	0.82258	0.960093	-1.04157	0.618506	1.09531	1.09531	0.00457562	1.98301	1.98301	0.630643	1.09183	1.09183	0.457397	0.871766
cg23061150	CALCR;CALCR;CALCR	4.16E-06	0.633243	1.05259	1.05259	0.0714908	0.806855	-1.23938	1.02E-06	0.255159	-3.91912	7.59E-06	0.350248	-2.85512	4.76E-06	0.327475
cg20696338	CALCR;CALCR;CALCR	0.0126687	0.0539667	0.702374	-1.42374	0.00539749	0.553512	-1.80665	0.00185678	0.49002	-2.04073	0.102266	0.749177	-1.3348	0.0192251	0.632926
cg17419096	CALCR;CALCR;CALCR	0.0212054	0.645139	0.944011	-1.05931	0.0120961	0.677924	-1.47509	0.365578	1.12244	1.12244	0.962004	0.994098	-1.00594	0.00231769	0.589388
cg03221054	CALCR;MIR653;CALCR;MIR489;CALCR	0.0016265	0.666776	0.931566	-1.07346	0.0545721	1.42884	1.42884	3.55E-05	0.271019	-3.68978	0.0960375	0.741473	-1.34867	0.0101687	0.588362
cg16628093	CALCRL	0.0218539	0.00687662	0.257641	-3.88137	0.256946	0.632211	-1.58175	0.599958	0.814575	-1.22763	0.0709819	0.457605	-2.18529	0.0226692	0.347371
cg10902514	CALCRL	0.0381252	0.00179659	0.370713	-2.6975	0.426911	0.834228	-1.19871	0.0901199	0.658803	-1.51791	0.269034	0.773218	-1.2933	0.192104	0.73455
cg18612612	CALD1;CALD1;CALD1	0.000137268	0.00428811	1.68731	1.68731	0.000895834	0.506139	-1.97574	0.00128688	0.525964	-1.90127	0.00978374	1.56412	1.56412	0.0143588	1.51184
cg18075666	CALD1;CALD1;CALD1	0.000772406	0.0137809	0.47917	-2.08694	0.16982	0.702334	-1.42382	0.00017025	0.213385	-4.68638	0.0015166	0.331627	-3.01544	0.00433688	0.398036
cg23393728	CALD1;CALD1;CALD1	0.00304281	0.000643969	0.225347	-4.4376	0.000951031	0.2462	-4.06174	0.0277579	0.476995	-2.09646	0.390878	0.778662	-1.28425	0.0140373	0.421894
cg01043759	CALD1;CALD1;CALD1	0.0123613	0.430828	1.18219	1.18219	0.0587313	0.641196	-1.55959	0.0134477	0.528879	-1.89079	0.0127825	0.525296	-1.90369	0.661913	1.09591
cg26990332	CALD1;CALD1;CALD1	0.0129817	0.518111	0.71208	-1.40434	0.320733	0.587594	-1.70186	0.21216	0.506057	-1.97606	0.444862	0.667874	-1.49729	0.00601263	0.155619
cg16483326	CALD1;CALD1;CALD1	0.0186507	0.011983	0.267159	-3.74309	0.176021	0.545647	-1.83269	0.0989717	0.466886	-2.14185	0.0133464	0.275092	-3.63515	0.0119445	0.266925
cg19450840	CALD1;CALD1;CALD1	0.0252034	0.0168332	0.145802	-6.85864	0.019971	0.156616	-6.38503	0.0274654	0.17876	-5.5941	0.96444	0.970997	-1.02987	0.0112693	0.12299
cg11425149	CALD1;CALD1;CALD1	0.0347254	0.708999	1.10841	1.10841	0.00162525	3.4549	3.4549	0.00566948	2.70847	2.70847	0.89415	1.03722	1.03722	0.371434	1.28654
cg19679250	CALD1;CALD1;CALD1	0.0372548	0.986655	1.00321	1.00321	0.00612062	1.98354	1.98354	0.337055	1.20862	1.20862	0.0667345	1.4822	1.4822	0.0567191	1.51118
cg09916174	CALD1;CALD1;CALD1;CALD1;CALD1	0.000347207	0.0296322	1.43396	1.43396	0.37534	0.879784	-1.13664	3.42E-05	3.09247	3.09247	0.015459	1.51925	1.51925	0.445633	1.11566
cg09787381	CALD1;CALD1;CALD1;CALD1;CALD1	0.00761148	0.0345234	1.81696	1.81696	0.0693284	0.611286	-1.6359	0.00161658	0.334589	-2.98874	0.0778285	1.60754	1.60754	0.975005	0.99244
cg22430036	CALD1;CALD1;CALD1;CALD1;CALD1	0.0140823	0.637806	0.934504	-1.07009	0.00871053	0.620324	-1.61206	0.00415389	0.577616	-1.73125	0.190589	1.21896	1.21896	0.575734	1.08412
cg24658867	CALD1;CALD1;CALD1;CALD1;CALD1	0.0188037	0.0259457	0.420857	-2.37611	0.0291868	0.431127	-2.3195	0.134162	0.589303	-1.69692	0.0218615	0.406289	-2.4613	0.00117578	0.210424
cg22480742	CALD1;CALD1;CALD1;CALD1;CALD1	0.0226365	0.873026	1.0218	1.0218	0.291844	1.15892	1.15892	0.00289648	1.73708	1.73708	0.203311	0.834365	-1.19852	0.0173535	0.67658
cg25390658	CALD1;CALD1;CALD1;CALD1;CALD1;CALD1;CALD1	0.0239624	0.604891	0.890842	-1.12253	0.0374163	1.70722	1.70722	0.000806649	3.06359	3.06359	0.917544	1.0232	1.0232	0.708533	1.08672
cg19488093	CALD1;CALD1;CALD1;CALD1;CALD1;CALD1;CALD1	0.0240996	0.0306121	0.716919	-1.39486	0.0335497	0.722305	-1.38446	0.934757	1.01078	1.01078	0.0045655	0.609685	-1.64019	0.175363	0.827949
cg02087931	CALD1;CALD1;CALD1;CALD1;CALD1;CALD1;CALD1	0.0272989	0.0144127	0.584	-1.71233	0.480222	1.13654	1.13654	0.099721	1.37955	1.37955	0.50879	0.887328	-1.12698	0.0324864	0.639914
cg09247981	CALHM1	0.00190107	0.936419	0.979513	-1.02092	0.731082	1.09364	1.09364	0.887064	0.963802	-1.03756	0.440538	0.815398	-1.2264	1.79E-05	0.102867
cg09083688	CALHM1	0.0029736	0.00577426	0.503479	-1.98618	0.0921135	0.703441	-1.42158	0.915995	0.980181	-1.02022	0.216659	1.27973	1.27973	0.00325562	0.467098
cg11856002	CALHM1	0.00929947	0.00529929	0.380271	-2.62971	0.00416203	0.364054	-2.74685	0.0339331	0.521309	-1.91825	0.708943	0.906059	-1.10368	0.00501011	0.376466
cg10081681	CALHM1	0.0114359	0.099564	1.29583	1.29583	0.00102725	2.01072	2.01072	0.628134	1.07259	1.07259	0.0684065	1.34032	1.34032	0.0770556	1.3261
cg26955383	CALHM1	0.0158645	0.107513	1.84124	1.84124	0.000725081	5.96839	5.96839	0.636682	1.1798	1.1798	0.0653116	2.05246	2.05246	0.0297761	2.43215
cg14099121	CALHM1	0.017804	0.469355	0.734179	-1.36207	0.128976	0.502236	-1.99109	0.310592	0.643769	-1.55335	0.0185361	0.301599	-3.31566	0.00409201	0.198463
cg15947487	CALHM1	0.0377411	0.00469366	0.3143	-3.18167	0.85442	1.0582	1.0582	0.480974	0.802011	-1.24687	0.134262	0.608137	-1.64437	0.0157095	0.401769
cg03485533	CALHM1	0.0380922	0.460956	0.857935	-1.16559	0.00961191	1.95264	1.95264	0.0539276	1.56312	1.56312	0.351442	1.21624	1.21624	0.961168	1.00999
cg19853077	CALHM1	0.0395641	0.885801	1.04128	1.04128	0.00283401	0.3144	-3.18066	0.0287027	0.483655	-2.06759	0.468886	1.23053	1.23053	0.62952	1.14664
cg14159304	CALHM2;CALHM2	0.000123088	0.0235105	0.366488	-2.7286	0.000426476	7.92176	7.92176	0.00245847	0.209534	-4.7725	0.175656	1.70623	1.70623	0.0425272	0.420395
cg10024587	CALHM2;CALHM2	0.00023614	0.307516	0.797633	-1.25371	6.03E-05	4.88739	4.88739	0.0269457	0.570755	-1.75207	0.243722	1.29833	1.29833	0.00366128	2.31908
cg02167201	CALHM2;CALHM2	0.000344328	0.0820151	0.697755	-1.43317	0.298059	1.22319	1.22319	0.497076	1.13743	1.13743	0.003589	0.47876	-2.08873	3.46E-05	0.22412
cg07956775	CALHM2;CALHM2	0.000681883	0.643463	0.864287	-1.15702	0.000369644	5.9511	5.9511	0.033512	0.459694	-2.17536	0.272674	1.42939	1.42939	0.90251	0.962381
cg07895149	CALHM2;CALHM2	0.000981289	0.619928	1.23705	1.23705	0.0063439	4.53569	4.53569	0.00164344	0.146911	-6.80686	0.0256965	3.08767	3.08767	0.040624	2.73433
cg10815165	CALHM2;CALHM2	0.00234993	0.22451	0.720201	-1.3885	0.00127857	3.34767	3.34767	0.204724	0.708748	-1.41094	0.754816	1.08393	1.08393	0.957692	1.01374
cg05440249	CALHM2;CALHM2	0.00539128	0.302046	0.88189	-1.13393	0.0103243	1.46207	1.46207	0.100434	1.23559	1.23559	0.435904	1.09795	1.09795	0.301968	1.13395
cg09336982	CALHM2;CALHM2	0.00554137	0.448729	1.208	1.208	0.00367058	2.61554	2.61554	0.00900221	0.443571	-2.25443	0.780117	1.0709	1.0709	0.329615	1.27924
cg23691246	CALHM2;CALHM2	0.0119528	0.89813	0.945838	-1.05726	0.00661987	4.62945	4.62945	0.140251	1.99336	1.99336	0.566592	1.28639	1.28639	0.000727893	0.107151
cg09541379	CALHM2;CALHM2	0.0162705	0.552263	0.695758	-1.43728	0.00138532	16.3911	16.3911	0.759504	0.830904	-1.20351	0.121571	2.75263	2.75263	0.464957	0.638493
cg06075311	CALHM2;CALHM2	0.0177279	0.0280528	0.341367	-2.9294	0.0112373	3.72726	3.72726	0.537334	0.772035	-1.29528	0.344704	0.668211	-1.49653	0.401216	0.700536
cg05319515	CALHM2;CALHM2	0.0177687	0.161009	0.72767	-1.37425	0.428876	0.842406	-1.18708	0.270954	0.783978	-1.27555	0.00309551	2.36202	2.36202	0.00665893	2.11203
cg23175074	CALHM2;CALHM2	0.0195053	0.180389	1.61055	1.61055	0.0630273	2.01501	2.01501	0.0212454	0.39543	-2.52889	0.379747	1.3524	1.3524	0.51679	1.24636
cg12264333	CALHM2;CALHM2	0.0272735	0.0112895	0.536546	-1.86377	0.280154	0.802302	-1.24641	0.125316	0.72216	-1.38474	0.449683	0.859728	-1.16316	0.250268	0.789998
cg14302224	CALHM2;CALHM2	0.0383336	0.00832027	0.254266	-3.93289	0.710564	0.859558	-1.16339	0.900663	0.950564	-1.05201	0.745802	0.876287	-1.14118	0.0620634	0.426175
cg18273501	CALHM2;CALHM2;CALHM2	0.000225231	0.551969	0.848835	-1.17809	0.000100963	6.53352	6.53352	0.123271	0.634633	-1.57571	0.00485808	2.76503	2.76503	0.202952	1.44203
cg15452135	CALHM3	0.000185716	0.000201965	6.4289	6.4289	7.51E-05	8.54215	8.54215	0.0117087	2.55997	2.55997	0.00513412	3.01391	3.01391	0.00205551	0.273637
cg20017132	CALHM3	0.000970474	0.00867634	3.18748	3.18748	0.000208895	8.58415	8.58415	0.104795	1.84838	1.84838	0.287414	1.46633	1.46633	0.0293149	0.410814
cg17159890	CALHM3	0.0026814	0.00225844	3.23974	3.23974	0.553658	0.848066	-1.17915	0.00595604	2.68873	2.68873	0.418557	1.25528	1.25528	0.0100823	0.409405
cg08942004	CALHM3	0.00322137	0.719015	0.915913	-1.09181	0.581867	0.873532	-1.14478	0.0596785	0.596511	-1.67642	0.0166259	0.49115	-2.03604	4.69E-05	0.154645
cg24180219	CALHM3	0.00507278	0.018606	0.436363	-2.29167	0.00382012	0.321864	-3.1069	0.0329519	0.484332	-2.0647	0.557083	0.841465	-1.1884	0.000337889	0.186512
cg13968679	CALHM3	0.00542128	0.114774	0.632554	-1.58089	0.0169445	0.459441	-2.17656	0.000379219	0.219532	-4.55515	0.868402	0.956684	-1.04528	0.557357	0.853448
cg06859037	CALHM3	0.00556367	0.347786	1.25907	1.25907	0.000777011	3.3597	3.3597	0.0385023	1.77059	1.77059	0.00441232	2.47356	2.47356	0.041527	1.75087
cg14904586	CALHM3	0.00971921	0.724481	1.06337	1.06337	0.0880987	0.72125	-1.38648	0.00825511	0.556267	-1.7977	0.649562	0.923651	-1.08266	0.00522228	0.527404
cg12184624	CALHM3	0.0104107	0.147353	0.650627	-1.53698	0.430328	1.24924	1.24924	0.103283	0.611026	-1.63659	0.2816	0.733922	-1.36254	0.000210399	0.180264
cg11957248	CALHM3;CALHM3	0.0069253	0.364457	0.843429	-1.18564	0.00384597	0.490773	-2.0376	0.0563809	0.673843	-1.48403	0.813519	1.04412	1.04412	0.0176929	0.590289
cg21086878	CALM1	0.00194861	0.810788	0.983671	-1.0166	0.0442358	1.17192	1.17192	0.122273	1.12183	1.12183	0.0111565	1.24402	1.24402	0.00261583	1.3312
cg18087520	CALM1	0.0211331	0.36085	0.654153	-1.52869	0.00295939	6.31709	6.31709	0.0124434	4.07663	4.07663	0.856779	0.921619	-1.08505	0.175391	0.521483
cg20250935	CALM1	0.0471235	0.379435	0.650269	-1.53782	0.00283971	7.108	7.108	0.0232926	3.64771	3.64771	0.657464	0.808155	-1.23739	0.633992	0.795379
cg15930145	CALM1;CALM1	0.00541063	0.000231947	0.25815	-3.87371	0.55161	1.14283	1.14283	0.112174	1.46725	1.46725	0.213547	1.33687	1.33687	0.726247	1.08103
cg01311654	CALM1;CALM1	0.00785271	0.529555	0.933809	-1.07088	0.199223	1.15703	1.15703	0.046687	1.2775	1.2775	0.178318	0.857467	-1.16623	0.645306	0.951385
cg05077358	CALM1;CALM1	0.0187518	0.16042	1.41715	1.41715	0.000881493	3.18693	3.18693	0.0557191	1.65537	1.65537	0.234771	1.33584	1.33584	0.830307	1.05116
cg18079499	CALM1;CALM1	0.0214471	0.0134508	3.08894	3.08894	0.00419505	4.11029	4.11029	0.0106297	3.26722	3.26722	0.119571	1.86356	1.86356	0.697318	1.15495
cg01267274	CALM1;CALM1	0.022076	0.961404	0.982221	-1.0181	0.562767	1.24223	1.24223	0.937275	1.02961	1.02961	0.0730336	2.09844	2.09844	0.00201128	0.198767
cg22979624	CALM1;CALM1	0.0498824	0.500181	0.875722	-1.14192	0.0439705	1.56656	1.56656	0.928061	1.01767	1.01767	0.864499	0.967422	-1.03368	0.435027	1.16701
cg07150772	CALM1;CALM1;CALM1	0.000414868	0.694265	0.908155	-1.10113	0.45657	0.831181	-1.20311	0.963222	0.988818	-1.01131	0.0969515	0.641276	-1.55939	0.0063946	0.420939
cg27223769	CALM2	0.00273257	?	?	?	0.00982066	0.538192	-1.85807	0.0440898	1.55126	1.55126	0.0482726	0.651562	-1.53477	0.00895332	1.87957
cg03034696	CALM2	0.00421772	0.194565	1.40292	1.40292	0.00802001	2.31204	2.31204	0.000517215	3.80499	3.80499	0.132078	0.669653	-1.49331	0.111182	0.651738
cg19536127	CALM2	0.0254582	0.900044	0.975083	-1.02555	0.0807852	1.47524	1.47524	0.663436	1.0919	1.0919	0.0483914	1.57282	1.57282	0.00329353	0.447539
cg21361646	CALM2	0.0356216	0.185003	0.560268	-1.78486	0.374306	1.45619	1.45619	0.898835	0.948932	-1.05382	0.871081	0.935257	-1.06923	0.00989236	0.26101
cg10805483	CALM2;CALM2	0.002239	?	?	?	0.000505498	10.5234	10.5234	0.0129902	3.60466	3.60466	0.0286439	2.90043	2.90043	0.061305	2.37058
cg13656078	CALM3	1.37E-05	0.0184359	0.680365	-1.4698	0.498576	0.911606	-1.09696	0.816357	1.03183	1.03183	0.546791	0.921137	-1.08561	0.00107706	0.521806
cg14579560	CALM3	0.000337427	0.0231511	0.729184	-1.3714	4.47E-05	2.4574	2.4574	0.0678378	1.26862	1.26862	0.604465	0.941026	-1.06267	0.00200634	0.6022
cg04504290	CALM3	0.0116981	0.52403	1.08062	1.08062	0.0631524	0.778059	-1.28525	0.960091	1.0603	1.0603	0.563928	0.932351	-1.07256	0.0569992	1.29512
cg22883332	CALML3	0.000260365	0.00512933	0.498741	-2.00505	0.000119655	0.28207	-3.54523	8.66E-05	0.265735	-3.76315	0.739774	0.939206	-1.06473	0.11833	0.726837
cg02831294	CALML3	0.00143363	0.00204559	0.493039	-2.02824	0.978035	1.00449	1.00449	0.00147943	0.47412	-2.10917	0.029384	0.658687	-1.51817	0.000228938	0.36933
cg18705776	CALML3	0.00180171	0.0338548	0.561304	-1.78157	0.172657	0.712969	-1.40259	0.0871852	0.643879	-1.55309	0.554703	1.14945	1.14945	0.00470099	0.41656
cg19587777	CALML3	0.00962926	0.0361314	0.399668	-2.50208	0.267627	0.647523	-1.54435	0.0106232	0.298461	-3.35052	0.336403	1.45213	1.45213	0.10328	0.511382
cg26178664	CALML3	0.0187104	0.553279	0.799827	-1.25027	0.101075	1.95178	1.95178	0.537025	0.792308	-1.26214	0.0164215	0.335498	-2.98065	0.0637354	0.460129
cg02241986	CALML3	0.0369627	0.00896699	0.29822	-3.35322	0.0186939	0.354322	-2.82229	0.0392257	0.419569	-2.3834	0.257107	0.650142	-1.53813	0.0271565	0.385976
cg24831879	CALML3	0.0466415	0.425602	1.32407	1.32407	0.0310452	2.395	2.395	0.85593	1.06471	1.06471	0.955092	1.01962	1.01962	0.00303297	0.246218
cg17283169	CALML3;CALML3	0.000706979	0.00458197	0.619961	-1.613	0.093881	1.26281	1.26281	0.120182	0.807728	-1.23804	0.142097	0.818799	-1.2213	2.72E-05	0.350447
cg00908305	CALML3;CALML3	0.00214027	0.811574	1.02902	1.02902	0.00584958	1.54065	1.54065	0.00041126	0.51075	-1.95791	0.244175	0.864198	-1.15714	0.0673501	1.27833
cg17811423	CALML4;CALML4	0.000402192	0.0162821	0.628366	-1.59143	0.904251	0.981148	-1.01921	0.345861	0.857671	-1.16595	0.108786	0.75834	-1.31867	0.000112071	0.34171
cg09914542	CALML4;CALML4	0.00520041	0.0261464	0.42544	-2.35051	0.431244	1.29715	1.29715	0.589899	0.838425	-1.19271	0.983719	1.00663	1.00663	0.00116988	0.213698
cg00388154	CALML4;CALML4	0.017863	0.705172	1.06783	1.06783	0.760853	0.948658	-1.05412	0.994526	1.00119	1.00119	0.817752	0.96093	-1.04066	0.00770349	0.553687
cg05338167	CALML4;CALML4;CALML4;CALML4	0.0195346	0.418482	0.874559	-1.14343	0.0785096	1.37278	1.37278	0.485697	0.891497	-1.12171	0.320542	0.846703	-1.18105	0.263694	0.82787
cg14096855	CALML5	0.000690014	0.000278617	0.228007	-4.38584	0.0455118	1.76868	1.76868	0.00193279	0.335927	-2.97684	0.377832	0.798531	-1.2523	0.006293	0.412776
cg16048771	CALML5	0.0132182	0.101477	0.601905	-1.66139	0.689499	0.892522	-1.12042	0.00344883	0.324835	-3.07849	0.571851	1.17555	1.17555	0.00112091	0.257092
cg17278890	CALML5	0.0255316	0.0211295	0.648404	-1.54225	0.874997	0.975701	-1.0249	0.00248896	0.518507	-1.92861	0.81004	0.963071	-1.03834	0.0239462	0.656433
cg24392574	CALML5;CALML5	0.0129448	0.0712064	0.776824	-1.28729	0.690999	0.951163	-1.05134	0.459769	0.909991	-1.09891	0.75949	0.962249	-1.03923	0.0130315	1.47114
cg02382706	CALML5;CALML5	0.0460259	0.00551694	0.205224	-4.87272	0.0481281	0.37507	-2.66617	0.0349414	0.344028	-2.90674	0.0972306	0.453763	-2.20379	0.0118623	0.255702
cg15102821	CALML6	1.89E-05	8.77E-06	0.197625	-5.06008	0.000309987	0.374086	-2.67318	8.23E-05	0.30359	-3.29391	0.000227434	0.357206	-2.79951	7.43E-06	0.190559
cg17592667	CALML6	0.0142366	0.00320618	0.374995	-2.6667	0.168779	0.699425	-1.42975	0.0409806	0.562675	-1.77723	0.844651	1.04899	1.04899	0.00427559	0.393819

Probeset ID	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27207776	-3.93358	0.00231963	0.223543	-4.47342	0.00127349	0.191084	-5.23331	0.00924735	0.312458	-3.20043	0.0221907	0.380784	-2.62616	6.99415	13.7368	1.74581	1
cg09697458	-1.05913	0.274945	1.12206	1.12206	0.000172686	0.523735	-1.90936	0.104141	0.835153	-1.19738	0.130708	1.17995	1.17995	6.40629	1.04301	0.14472	1
cg06528228	1.16907	0.412628	0.875282	-1.14249	0.715889	0.943528	-1.05985	0.877771	0.975822	-1.02478	0.117804	1.31011	1.31011	5.49945	2.2028	0.356044	1
cg09452293	-2.27001	0.278844	0.778612	-1.28434	0.0528994	0.613264	-1.63062	0.0369759	1.71326	1.71326	0.4845	1.17104	1.17104	4.44226	3.47515	0.695372	1
cg16893574	-3.53492	0.0132455	0.2157	-4.63606	0.0087803	0.188723	-5.29877	0.0141106	0.220125	-4.54286	0.0561913	0.339432	-2.94609	3.98252	15.7451	3.51428	1
cg04628802	-2.73939	0.159627	0.587074	-1.70336	0.00973241	0.313832	-3.18642	0.0115607	0.326546	-3.06236	0.51298	0.790457	-1.26509	3.50114	6.9651	1.76834	1
cg18470144	-1.98408	0.134374	1.40593	1.40593	0.00281575	0.419582	-2.38332	0.0144127	1.88984	1.88984	0.0168616	0.540454	-1.8503	9.10949	5.71245	0.627088	1
cg10467022	-1.57953	0.135849	1.47996	1.47996	0.00375901	0.385194	-2.59609	0.0204913	1.97583	1.97583	0.132335	0.672921	-1.48606	7.9587	7.49856	0.837497	1
cg08929188	1.02205	0.235946	0.82752	-1.20843	0.226528	0.824018	-1.21357	0.00148337	2.01136	2.01136	0.0643734	1.37269	1.37269	7.07232	2.60277	0.32713	1
cg11697588	-1.69717	0.0196446	2.61824	2.61824	0.305816	0.696238	-1.43629	0.00279706	4.08284	4.08284	0.961162	1.01677	1.01677	4.68646	8.65464	1.64154	1
cg05397812	-2.27748	0.0602622	0.417179	-2.39705	0.0128044	0.279281	-3.58062	0.257472	1.6283	1.6283	0.430352	0.717432	-1.39386	4.67165	12.5928	2.39607	1
cg07529966	1.24854	0.0813028	1.22504	1.22504	0.98788	1.0016	1.0016	0.243222	1.13685	1.13685	0.040512	1.28209	1.28209	3.69277	0.645279	0.155325	1
cg06081951	-2.75979	0.309641	0.645969	-1.54806	0.0132408	0.279111	-3.58281	0.0210709	3.16829	3.16829	0.984339	1.00819	1.00819	3.66938	10.0403	2.4322	1
cg16245265	-2.32445	0.705123	0.840612	-1.18961	0.697033	0.836372	-1.19564	0.0166525	3.80063	3.80063	0.896612	1.06117	1.06117	3.66343	12.1015	2.93628	1
cg06927878	-1.29532	0.00049793	0.667395	-1.49836	0.921464	0.992707	-1.00735	0.00141733	1.4089	1.4089	0.939572	0.994388	-1.00564	16.9321	1.47735	0.0775571	1
cg14795328	-3.9266	0.00607421	0.384014	-2.60407	0.0866103	0.603122	-1.65804	0.050216	0.550812	-1.8155	0.0541677	0.557777	-1.79283	7.52369	8.50364	1.00467	1
cg14023329	-2.72658	0.0185661	0.406763	-2.45843	0.161229	0.624056	-1.60242	0.0095097	0.355147	-2.81573	0.133172	0.600177	-1.66618	5.64841	8.88394	1.39806	1
cg17569032	-5.83928	0.0587704	0.327136	-3.05683	0.0219138	0.237092	-4.21776	0.0648524	0.337793	-2.96039	0.241109	0.526067	-1.9009	4.71133	20.4443	3.85724	1
cg02583620	-6.28458	0.51704	0.693584	-1.44179	0.0100412	0.163675	-6.10968	0.740443	0.830971	-1.20341	0.173005	0.445913	-2.24259	4.69177	23.0515	4.36727	1
cg26418507	-1.50758	0.0203802	1.41763	1.41763	0.767407	0.963649	-1.03772	0.33376	1.13254	1.13254	0.00166438	1.75338	1.75338	12.3833	3.05667	0.219412	1
cg07503684	1.04055	0.125803	1.12106	1.12106	0.00576446	0.779119	-1.2835	0.0105352	0.800907	-1.24858	0.722244	0.975678	-1.02493	5.73372	0.432173	0.0669991	1
cg14250600	1.2737	0.507784	1.09186	1.09186	0.00481231	0.613079	-1.63111	0.156532	1.21923	1.21923	0.0274737	0.711006	-1.40646	5.04781	1.3676	0.240825	1
cg16474117	1.10227	0.224588	0.626189	-1.59696	0.266683	1.52907	1.52907	0.550655	1.24803	1.24803	0.296098	1.48819	1.48819	3.97695	8.48143	1.89568	1
cg21872608	1.12134	0.407533	1.13942	1.13942	0.0132376	0.623129	-1.6048	0.0600592	0.721245	-1.38649	0.0240092	1.51399	1.51399	3.86181	1.45152	0.334103	1
cg20396069	-1.3809	0.145318	0.791888	-1.2628	0.000123652	0.368283	-2.7153	0.106938	0.769047	-1.30031	0.915151	0.984223	-1.01603	14.5147	5.1181	0.313436	1
cg04154812	-1.31197	0.0909208	0.782654	-1.2777	0.000228204	0.446689	-2.23869	0.0248944	0.703777	-1.4209	0.00565313	0.620122	-1.61259	8.00303	2.19492	0.243787	1
cg27530239	1.23433	0.0859049	0.739676	-1.35194	0.687145	1.06644	1.06644	0.0289019	1.50575	1.50575	0.146396	1.28107	1.28107	5.47863	2.19037	0.355381	1
cg21044022	-1.78591	0.422017	0.824433	-1.21295	0.10167	0.655877	-1.52468	0.0909632	0.645144	-1.55004	0.337529	0.792366	-1.26204	3.63127	3.18644	0.78	1
cg19524362	1.15165	0.927263	0.986189	-1.014	0.00238771	0.52476	-1.90563	1.03E-07	13.7694	13.7694	0.0689597	0.733451	-1.36342	40.8076	14.9945	0.326616	1
cg01108106	1.12032	0.536778	1.04659	1.04659	8.89E-07	0.386764	-2.58556	7.34E-05	1.69037	1.69037	0.812387	0.982837	-1.01746	33.6532	2.82543	0.0746288	1
cg01460227	1.17553	0.0224312	1.16654	1.16654	0.210875	0.928439	-1.07708	4.05E-07	2.25625	2.25625	0.00282159	1.26073	1.26073	28.4612	1.42997	0.0446603	1
cg05384712	1.4307	0.0960581	1.34355	1.34355	0.000340373	0.393581	-2.54077	0.000431059	2.4592	2.4592	0.0594461	1.41025	1.41025	10.642	4.40027	0.367539	1
cg17449465	1.1509	0.0177113	0.512992	-1.94935	0.00010985	0.206852	-4.83437	0.0591442	0.610732	-1.63738	0.056228	0.606307	-1.64933	10.4375	8.85309	0.753954	1
cg05876738	1.04085	0.282897	1.20159	1.20159	0.755529	1.05275	1.05275	0.0336911	1.5042	1.5042	0.752294	0.94922	-1.0535	9.66739	4.14781	0.381379	1
cg23239396	1.14032	0.725623	0.907478	-1.10196	0.140994	0.646451	-1.54691	0.000340075	4.9054	4.9054	0.154554	1.52176	1.52176	8.57077	10.3056	1.06881	1
cg13095704	-1.47047	0.0106961	0.381401	-2.62191	0.0122334	0.391507	-2.55423	0.000308529	5.80961	5.80961	0.271051	0.708738	-1.41096	8.33804	11.92	1.27075	1
cg03722243	-1.60844	0.0065975	0.2553	-3.91696	0.0128769	0.302585	-3.30485	0.00136489	6.04264	6.04264	0.733112	0.875913	-1.14167	7.03778	16.7011	2.1094	1
cg07123608	-1.08922	0.00940557	0.519492	-1.92496	0.11117	0.708081	-1.41227	0.893578	0.973726	-1.02698	0.0770832	1.4785	1.4785	6.3575	3.98427	0.55707	1
cg06934092	-1.63784	0.0332175	0.504563	-1.98191	0.00327778	0.332454	-3.00793	0.0760959	0.581349	-1.72014	0.0650585	0.565949	-1.76694	5.11655	6.11963	1.06315	1
cg12510028	-2.05928	0.052124	0.287194	-3.48197	0.0302575	0.23726	-4.21479	0.00139887	13.651	13.651	0.165694	0.43393	-2.30452	5.0951	25.7344	4.48961	1
cg21756194	-2.08385	0.0455599	0.434363	-2.30222	0.0107251	0.31155	-3.20976	0.0254029	0.380497	-2.62814	0.119939	0.541419	-1.847	4.98708	10.4474	1.86213	1
cg20276156	-1.1471	0.20582	0.785043	-1.27382	0.153746	1.31909	1.31909	0.00355903	2.04666	2.04666	0.0286246	1.59717	1.59717	4.68015	2.43744	0.462936	1
cg23061150	-3.05367	0.00314377	0.650226	-1.53793	9.21E-06	0.359805	-2.77928	0.00269637	1.55593	1.55593	0.00362322	0.65718	-1.52165	50.9029	9.16579	0.160057	1
cg20696338	-1.57996	0.951748	1.00982	1.00982	0.00788487	0.576699	-1.73401	0.812136	1.0392	1.0392	0.485224	0.891785	-1.12135	5.47608	2.26187	0.367151	1
cg17419096	-1.69667	0.0406589	0.745528	-1.34133	0.702965	1.04875	1.04875	0.136227	0.819157	-1.22077	0.0212767	0.708958	-1.41052	4.61167	1.12757	0.217336	1
cg03221054	-1.69963	0.227636	0.812816	-1.23029	0.70962	1.06312	1.06312	0.0518183	0.696194	-1.43638	0.844703	1.03261	1.03261	10.2377	4.34214	0.377005	1
cg16628093	-2.87877	0.0093218	0.278547	-3.59006	0.0304825	0.373267	-2.67905	0.33796	0.681939	-1.46641	0.00432294	0.228031	-4.38537	4.56436	10.8572	2.11439	1
cg10902514	-1.36138	0.755524	1.07228	1.07228	0.442477	0.839484	-1.19121	0.356321	1.23612	1.23612	0.0207266	0.536756	-1.86304	3.74862	2.9638	0.702789	1
cg18612612	1.51184	0.258018	0.850753	-1.17543	0.000831404	0.502067	-1.99177	0.0371144	0.717894	-1.39296	6.18E-05	0.363674	-2.74972	20.3369	6.04046	0.264017	1
cg18075666	-2.51234	0.00577824	0.417329	-2.39619	0.00104522	0.309616	-3.2298	0.0213837	1.95069	1.95069	0.0304425	0.540823	-1.84903	12.6564	11.7048	0.822055	1
cg23393728	-2.37027	0.00125938	0.261892	-3.81837	0.21264	0.688294	-1.45287	0.473677	1.23044	1.23044	0.0805462	0.576053	-1.73595	8.52221	10.9298	1.14	1
cg01043759	1.09591	0.102789	0.68967	-1.44997	0.00762944	2.04217	2.04217	0.256525	1.27956	1.27956	0.206054	1.32001	1.32001	5.52004	3.78783	0.609953	1
cg26990332	-6.42596	0.109727	0.405081	-2.46864	0.00112614	0.083355	-11.9969	0.0212621	0.238127	-4.19943	0.00467965	0.142465	-7.01926	5.43264	23.111	3.78141	1
cg16483326	-3.74637	0.34812	0.665806	-1.50194	0.00356971	0.189723	-5.27083	0.158995	0.530535	-1.88489	0.00859051	0.243809	-4.10157	4.81716	13.5271	2.4961	1
cg19450840	-8.13077	0.314274	0.503071	-1.98779	0.0533928	0.234893	-4.25725	0.0843561	3.52711	3.52711	0.461622	0.609716	-1.64011	4.34496	29.9916	6.13566	1
cg11425149	1.28654	0.222185	1.42223	1.42223	0.171885	1.49074	1.49074	0.444919	1.23838	1.23838	0.950935	0.983248	-1.01704	3.87816	4.62964	1.06113	1
cg19679250	1.51118	0.117069	1.3853	1.3853	0.0872102	1.43551	1.43551	0.0533011	1.52239	1.52239	0.0817374	0.691219	-1.44672	3.78039	2.1943	0.515949	1
cg09916174	1.11566	0.463761	0.900346	-1.11068	0.347452	0.872685	-1.14589	0.0872531	0.7666	-1.30446	8.49E-05	2.70299	2.70299	15.804	4.95989	0.278967	1
cg09787381	-1.00762	0.485969	0.842408	-1.18707	0.0115106	2.15032	2.15032	0.449425	1.20527	1.20527	0.0730778	1.62293	1.62293	6.44414	5.98867	0.826063	1
cg22430036	1.08412	0.365535	1.14204	1.14204	0.0102516	1.58767	1.58767	0.478282	1.10847	1.10847	0.810287	0.966228	-1.03495	5.28969	1.70964	0.287291	1
cg24658867	-4.75231	0.0124469	0.361252	-2.76815	0.235718	0.665767	-1.50203	0.323465	0.716153	-1.39635	0.0692496	0.514053	-1.94532	4.80389	8.15441	1.50885	1
cg22480742	-1.47802	0.597187	1.07457	1.07457	0.0284154	1.41739	1.41739	0.464764	1.10554	1.10554	0.601123	1.07372	1.07372	4.50953	1.29878	0.256007	1
cg25390658	1.08672	0.414486	0.831324	-1.2029	0.727467	0.925443	-1.08056	0.157132	0.715279	-1.39806	0.945293	1.01531	1.01531	4.4218	3.43477	0.690471	1
cg19488093	-1.2078	0.0291108	0.713976	-1.40061	0.923344	1.01269	1.01269	0.00690723	0.632499	-1.58103	0.906871	1.01545	1.01545	4.41306	1.19964	0.241634	1
cg02087931	-1.56271	0.00694555	0.536374	-1.86437	0.338077	0.838514	-1.19259	0.586655	1.10286	1.10286	0.259037	1.23369	1.23369	4.2253	2.12853	0.447784	1
cg09247981	-9.72126	0.176005	0.68847	-1.4525	0.682759	1.11251	1.11251	0.570304	1.16048	1.16048	0.700863	0.904702	-1.10534	9.78532	10.4328	0.947701	1
cg09083688	-2.14088	0.0791207	0.690833	-1.44753	0.00110109	0.401371	-2.49146	0.0135691	1.78518	1.78518	0.0309071	0.618284	-1.61738	8.58063	4.89187	0.50676	1
cg11856002	-2.65628	0.0742507	0.592551	-1.68762	0.00294262	0.341506	-2.9282	0.419621	0.804969	-1.24228	0.0205639	0.479997	-2.08335	6.04914	6.63143	0.974453	1
cg10081681	1.3261	0.623171	1.07369	1.07369	0.000954537	2.02732	2.02732	0.750567	1.04685	1.04685	0.207242	1.21039	1.21039	5.66108	1.84799	0.290167	1
cg26955383	2.43215	0.59467	1.20518	1.20518	0.314571	1.43536	1.43536	0.0129129	2.92292	2.92292	0.348595	0.715085	-1.39843	5.08536	9.72704	1.70023	1
cg14099121	-5.03873	0.0157343	0.288689	-3.46394	0.00187771	0.157131	-6.36413	0.727111	0.863236	-1.15843	0.128364	0.501594	-1.99364	4.8931	13.6558	2.48073	1
cg15947487	-2.48899	0.0736848	0.541126	-1.848	0.0249168	0.439538	-2.27511	0.40173	1.30256	1.30256	0.250134	0.690634	-1.44795	3.76253	5.65278	1.33546	1
cg03485533	1.00999	0.0118122	1.8999	1.8999	0.75455	1.06612	1.06612	0.178488	0.746907	-1.33885	0.206271	0.761741	-1.31278	3.74981	2.47493	0.58668	1
cg19853077	1.14664	0.103071	1.65199	1.65199	0.420641	1.26061	1.26061	0.536551	0.838473	-1.19264	0.521019	0.832667	-1.20096	3.69802	4.64109	1.11557	1
cg14159304	-2.37871	0.0397459	2.41609	2.41609	0.0559192	0.447766	-2.23331	0.0601045	0.45528	-2.19645	1.40E-05	28.8711	28.8711	20.9417	45.6576	1.93797	1
cg10024587	2.31908	0.238626	1.30237	1.30237	0.303694	0.796102	-1.25612	0.00306814	0.419885	-2.38161	0.000154886	4.00352	4.00352	17.5606	12.7429	0.645025	1
cg02167201	-4.4619	0.000616252	0.373555	-2.67698	0.899037	1.02399	1.02399	0.900208	1.02371	1.02371	0.000222699	0.317303	-3.15156	15.8402	8.75097	0.49107	1
cg07956775	-1.03909	0.257622	1.44724	1.44724	0.797523	0.922704	-1.08377	0.381322	0.755049	-1.32442	3.28E-05	12.4851	12.4851	13.1069	20.3252	1.37843	1
cg07895149	2.73433	0.0541682	2.53414	2.53414	0.294828	1.5877	1.5877	0.994479	1.00295	1.00295	8.03E-05	20.6819	20.6819	11.8297	33.9203	2.54878	1
cg10815165	1.01374	0.601879	1.14501	1.14501	0.431079	0.813238	-1.22965	0.97038	1.0096	1.0096	9.63E-05	5.95829	5.95829	9.19786	9.64058	0.931673	1
cg05440249	1.13395	0.727651	0.959734	-1.04196	0.000152708	2.14551	2.14551	0.287576	1.1386	1.1386	0.181865	0.846552	-1.18126	7.17136	1.56952	0.194542	1
cg09336982	1.27924	0.307277	1.29524	1.29524	0.106912	1.53853	1.53853	0.00469175	0.39856	-2.50903	0.0153457	2.07168	2.07168	7.11117	6.74785	0.843474	1
cg23691246	-9.33265	0.625696	1.23828	1.23828	0.701939	1.18196	1.18196	0.99462	0.997073	-1.00294	0.527189	0.756899	-1.32118	5.58062	16.7052	2.66083	1
cg09541379	-1.56619	0.927599	1.05636	1.05636	0.899311	0.926475	-1.07936	0.999301	1.00053	1.00053	0.00263664	12.3157	12.3157	5.04278	29.0673	5.12369	1
cg06075311	-1.42748	0.893221	0.945889	-1.05721	0.064085	0.422344	-2.36774	0.00236264	0.172609	-5.79344	0.393418	0.696196	-1.43638	4.90015	13.316	2.41553	1
cg05319515	2.11203	0.765338	0.938417	-1.06562	0.0760267	0.657548	-1.5208	0.56889	0.884916	-1.13005	0.770863	1.06398	1.06398	4.89637	3.4966	0.634775	1
cg23175074	1.24636	0.604765	1.19116	1.19116	0.122704	1.75127	1.75127	0.00710341	0.311868	-3.20648	0.0318839	2.32226	2.32226	4.74472	8.43494	1.58022	1
cg12264333	-1.26583	0.811287	0.954153	-1.04805	0.00945291	1.90658	1.90658	0.209735	1.29611	1.29611	0.0443861	0.635693	-1.57309	4.22668	2.57699	0.541952	1
cg14302224	-2.34646	0.271715	1.59126	1.59126	0.00801823	0.251756	-3.9721	0.0283287	0.349603	-2.86039	0.811329	0.907474	-1.10196	3.74115	9.76648	2.32049	1
cg18273501	1.44203	0.0948267	1.64871	1.64871	0.230159	0.709722	-1.409	0.0564486	0.555319	-1.80077	1.96E-05	10.5722	10.5722	17.788	20.8973	1.04427	1
cg15452135	-3.65448	0.0544928	1.91766	1.91766	0.015073	2.43879	2.43879	0.000269376	5.95061	5.95061	0.00706327	2.82659	2.82659	18.7437	26.4419	1.25396	1
cg20017132	-2.43419	0.7082	0.877844	-1.13916	0.00617685	3.44729	3.44729	0.000489175	6.63949	6.63949	0.00422532	3.7708	3.7708	11.8669	22.5689	1.69052	1
cg17159890	-2.44257	0.553536	1.17921	1.17921	0.813139	1.0673	1.0673	0.000487719	4.49633	4.49633	0.0794304	1.70834	1.70834	8.84744	10.601	1.06507	1
cg08942004	-6.46641	0.4786	1.1914	1.1914	0.609542	0.882294	-1.13341	0.58997	1.14141	1.14141	0.455363	0.831229	-1.20304	8.37882	7.84341	0.832088	1
cg24180219	-5.36159	0.0189043	0.437643	-2.28497	0.00670057	0.359805	-2.77928	0.926545	1.02716	1.02716	0.188456	0.666955	-1.49935	7.30628	9.77612	1.18937	1
cg13968679	-1.17172	0.00373655	0.351477	-2.84514	0.0137783	0.443506	-2.25476	0.00610954	0.384555	-2.60041	0.0750795	0.589007	-1.69777	7.15916	8.08551	1.00391	1
cg06859037	1.75087	0.050332	1.70175	1.70175	0.0397121	1.76249	1.76249	0.00428367	2.48561	2.48561	0.00259514	2.70352	2.70352	7.1024	6.3882	0.799504	1
cg14904586	-1.89608	0.841466	0.965827	-1.03538	0.000522917	0.391084	-2.55699	0.296	0.828497	-1.20701	0.917688	0.982212	-1.01811	5.96465	2.84763	0.424372	1
cg12184624	-5.54741	0.447047	1.23892	1.23892	0.374382	0.777197	-1.28667	0.719994	1.10463	1.10463	0.0568712	0.551136	-1.81444	5.83491	7.06252	1.0759	1
cg11957248	-1.69409	0.938065	0.985901	-1.0143	0.000707547	0.389503	-2.56737	0.00432676	0.498146	-2.00744	0.0720524	0.692899	-1.44321	6.63728	3.50954	0.470011	1
cg21086878	1.3312	0.120712	1.12246	1.12246	0.10887	1.12753	1.12753	0.000110506	1.60538	1.60538	0.00112844	1.38954	1.38954	9.71526	0.724989	0.0663322	1
cg18087520	-1.91761	0.730373	0.855295	-1.16919	0.0618297	0.386651	-2.58631	0.299505	0.615198	-1.62549	0.696963	0.837934	-1.19341	4.61706	14.9275	2.87389	1
cg20250935	-1.25726	0.951753	0.971533	-1.0293	0.297229	0.597018	-1.67499	0.563833	0.756918	-1.32115	0.791101	1.13509	1.13509	3.46499	12.5019	3.20717	1
cg15930145	1.08103	0.464692	0.847942	-1.17933	0.0218615	1.84012	1.84012	0.101499	1.48799	1.48799	0.415396	0.831501	-1.20264	7.16348	5.57428	0.691691	1
cg01311654	-1.0511	0.150219	0.847185	-1.18038	0.00188136	1.60624	1.60624	0.00574251	1.47595	1.47595	0.0102762	1.41592	1.41592	6.38133	1.1685	0.162766	1
cg05077358	1.05116	0.0402093	1.73521	1.73521	0.0170353	1.96672	1.96672	0.0151175	2.00185	2.00185	0.203345	1.36641	1.36641	4.80837	4.1167	0.761025	1
cg18079499	1.15495	0.688099	1.16036	1.16036	0.206525	1.63401	1.63401	0.00579199	3.78955	3.78955	0.0913496	1.9843	1.9843	4.59383	9.88278	1.91228	1
cg01267274	-5.03101	0.152721	1.76432	1.76432	0.211978	1.62807	1.62807	0.0594989	2.2001	2.2001	0.0668331	2.14191	2.14191	4.54856	9.89989	1.93466	1
cg22979624	1.16701	0.00470759	0.482723	-2.07158	0.0648329	0.66891	-1.49497	0.697974	0.92717	-1.07855	0.29509	1.23437	1.23437	3.39116	2.01959	0.529373	1
cg07150772	-2.37564	0.00429478	0.394031	-2.53787	4.97E-06	0.0790092	-12.6568	0.802612	0.940748	-1.06298	0.81249	0.943695	-1.05966	15.0479	14.1736	0.837242	1
cg27223769	1.87957	0.595234	0.903232	-1.10714	0.797048	0.952261	-1.05013	0.00117686	0.405133	-2.46832	0.0332711	1.60367	1.60367	8.99553	4.56257	0.507204	1
cg03034696	-1.53436	0.392534	1.24123	1.24123	0.0891453	0.629704	-1.58805	0.031685	1.86152	1.86152	0.0319988	1.8587	1.8587	7.72787	7.4497	0.856894	1
cg19536127	-2.23444	0.737704	1.06982	1.06982	0.026885	0.590754	-1.69275	0.580942	0.894086	-1.11846	0.412692	1.18314	1.18314	4.32977	2.76487	0.567619	1
cg21361646	-3.83126	0.500061	0.754184	-1.32594	0.00368413	0.198346	-5.04171	0.257426	1.62755	1.62755	0.0987455	0.47423	-2.10868	3.84255	10.3362	2.39105	1
cg10805483	2.37058	0.00297325	5.61303	5.61303	0.00612999	0.223023	-4.48385	0.943154	0.971754	-1.02907	0.238488	1.64805	1.64805	11.3124	25.167	1.94664	1
cg13656078	-1.91642	0.0406115	1.37505	1.37505	1.83E-07	0.115885	-8.62922	0.000207865	0.433278	-2.30799	0.0763659	0.766753	-1.3042	37.3821	10.744	0.255476	1
cg14579560	-1.66058	0.0008024	1.80136	1.80136	0.0322439	1.33872	1.33872	0.0278062	1.35319	1.35319	0.787992	0.969133	-1.03185	15.9285	3.41344	0.190487	1
cg04504290	1.29512	0.376797	1.11505	1.11505	0.000514399	0.521562	-1.91732	0.727017	1.04298	1.04298	0.114339	1.22903	1.22903	5.61971	1.28326	0.202978	1
cg22883332	-1.37582	0.0165284	0.576379	-1.73497	0.0550816	1.50568	1.50568	0.000108178	0.276926	-3.61108	0.8483	0.964608	-1.03669	17.0995	9.58819	0.498426	1
cg02831294	-2.7076	0.0347682	0.670028	-1.49247	0.0160353	1.6155	1.6155	0.651783	0.928742	-1.07672	0.324231	0.84733	-1.18018	10.6169	4.45237	0.372771	1
cg18705776	-2.40061	0.483574	1.18053	1.18053	0.270805	1.30638	1.30638	4.96E-05	0.16939	-5.90355	0.498735	1.17361	1.17361	9.93904	8.55334	0.76496	1
cg19587777	-1.95548	0.00273238	0.210817	-4.74344	0.202445	1.6594	1.6594	0.0372803	0.402607	-2.48381	0.00455115	0.241174	-4.14638	5.98237	13.4198	1.99398	1
cg26178664	-2.1733	0.0202161	0.352385	-2.8378	0.00170769	0.1886	-5.30222	0.22889	0.624825	-1.60045	0.68756	0.860217	-1.1625	4.81197	10.5711	1.95274	1
cg02241986	-2.59083	0.0542024	0.451396	-2.21535	0.112472	0.533104	-1.87581	0.0106672	0.310804	-3.21746	0.236936	0.636937	-1.57002	3.79126	7.9575	1.8657	1
cg24831879	-4.06144	0.472469	1.28677	1.28677	0.334161	1.41011	1.41011	0.649165	1.17119	1.17119	0.301302	0.69108	-1.44701	3.47843	6.55781	1.6758	1
cg17283169	-2.8535	0.569068	1.07562	1.07562	0.0366877	1.35998	1.35998	0.00643055	0.638294	-1.56668	0.452209	0.907546	-1.10187	12.9748	3.2971	0.22588	1
cg00908305	1.27833	0.273738	1.14618	1.14618	0.00268161	1.64396	1.64396	0.105285	0.808965	-1.23615	0.592571	0.937345	-1.06684	9.45307	2.14828	0.202007	1
cg17811423	-2.92646	0.25143	0.827371	-1.20865	0.298911	1.18563	1.18563	7.10E-05	3.14463	3.14463	0.141502	1.28407	1.28407	15.1773	6.01238	0.352127	1
cg09914542	-4.67949	0.355285	0.734935	-1.36066	0.000560504	0.176801	-5.65608	0.103914	0.562212	-1.77869	0.00926895	0.34322	-2.91358	7.25097	12.046	1.47671	1
cg00388154	-1.80608	0.0613863	1.43892	1.43892	0.00259383	2.05573	2.05573	0.431627	1.14864	1.14864	0.119403	0.746938	-1.3388	4.88766	2.30765	0.419677	1
cg05338167	-1.20792	0.0548192	1.42348	1.42348	0.00116011	2.16745	2.16745	0.46519	0.886473	-1.12807	0.286563	0.835754	-1.19652	4.74231	1.97424	0.370048	1
cg14096855	-2.42262	0.48631	1.19229	1.19229	0.124679	0.661465	-1.5118	0.000104148	0.18161	-5.50631	0.277731	0.755292	-1.32399	13.0634	12.79	0.870283	1
cg16048771	-3.88966	0.429014	1.25682	1.25682	0.599585	0.860723	-1.16181	0.0338481	0.495873	-2.01665	0.118631	0.619025	-1.61544	5.40069	6.85616	1.12844	1
cg17278890	-1.52338	0.537562	0.907066	-1.10246	0.093752	1.33372	1.33372	0.110441	0.762003	-1.31233	0.52274	0.903738	-1.10651	4.32543	1.67257	0.343719	1
cg24392574	1.47114	0.644043	1.06004	1.06004	0.000577382	1.94915	1.94915	0.909989	0.985928	-1.01427	0.581631	1.07223	1.07223	5.4377	1.35249	0.221089	1
cg02382706	-3.9108	0.14979	0.511506	-1.95501	0.0749376	0.422708	-2.3657	0.45495	0.718625	-1.39155	0.655935	0.823095	-1.21493	3.49585	10.4359	2.65354	1
cg15102821	-5.24772	0.681986	1.07167	1.07167	1.34E-05	0.216296	-4.62328	0.000570845	0.408058	-2.45063	0.0179879	0.616958	-1.62086	34.3554	15.3595	0.397402	1
cg17592667	-2.53924	0.8447	1.04898	1.04898	0.00871866	0.442713	-2.2588	0.730708	0.919213	-1.08789	0.323485	1.28226	1.28226	5.27075	4.96221	0.836856	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	Ratio(111T vs. N)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. 2ST vs. N)	Fold-Change(1 vs.2ST vs. N)	F(Error
cg01755342	CALML6	0.04219706	0.1336672	1.77463	-1.29044	0.120279	0.764908	-1.30735	0.00421488	0.546582	-1.83931	0.955954	0.991255	-1.02882	0.0118945	0.674445	-1.4827	
cg14718379	CALN1	0.00205015	0.573941	0.842225	-1.18733	0.242781	0.444144	-2.25152	0.159132	0.634565	-1.57588	0.0194088	0.425606	-2.34959	0.546465	1.20257	1.20257	
cg11828089	CALN1	0.026554	0.606326	0.902137	-1.10848	0.017538	0.564004	-1.77304	0.0263612	0.593458	-1.68504	0.595395	0.899258	-1.11203	0.262784	0.793488	-1.26026	
cg11381539	CALN1;CALN1	9.12E-07	0.2046931	0.853773	-1.17127	0.911653	0.986975	-1.0132	0.436552	1.0083	1.0083	0.201562	0.852791	-1.1727	0.768507	1.03068	1.03068	
cg05743346	CALN1;CALN1	0.000110001	0.78242	0.940416	-1.06336	0.0580385	0.6087	1.6087	0.596105	1.12603	1.12603	0.173115	1.37944	1.37944	0.836302	1.04698	1.04698	
cg17241289	CALN1;CALN1	0.000178571	0.8668828	0.94881	-1.05395	0.8321297	0.935726	-1.06869	0.203037	0.656734	-1.52306	0.00187306	0.251348	-3.97854	0.000177385	0.136771	-7.31151	
cg18682226	CALN1;CALN1	0.00145921	0.207104	1.42221	1.42221	0.246763	1.378	1.378	0.290693	0.7480052	-1.33681	0.8688885	0.957206	-1.04471	0.066213	0.57956	-1.72545	
cg08143695	CALN1;CALN1	0.00315226	0.0215269	0.68668	-1.45628	0.715922	1.05102	1.05102	0.105455	0.785973	-1.27231	0.306842	0.865861	-1.15492	0.000202637	0.428075	-2.33604	
cg04158140	CALN1;CALN1	0.00414894	0.665468	0.960779	-1.04082	0.178079	0.876677	-1.14067	0.380741	1.08621	1.08621	0.112305	1.07236	1.07236	0.0276432	0.787055	-1.27056	
cg10509407	CALN1;CALN1	0.00524148	0.372904	0.634301	-1.57654	0.223335	0.529024	-1.89027	0.0978864	0.405089	-2.46859	0.185297	0.497054	-2.01185	0.00534822	0.163093	-6.20761	
cg07856521	CALN1;CALN1	0.0053594	0.1144183	0.776051	-1.28859	0.0242634	0.4007	1.4007	0.140311	1.42566	1.42566	0.348244	1.75112	1.75112	0.00983343	0.156688	-6.38212	
cg21003606	CALN1;CALN1	0.00538165	0.830033	1.02772	1.02772	0.106567	0.799185	-1.25127	0.0136186	0.678232	-1.47442	0.231027	0.852292	-1.17331	0.0573558	0.760727	-1.31453	
cg29323883	CALN1;CALN1	0.00546026	0.484514	0.822998	-1.21507	0.0866603	1.00461	1.00461	0.00848905	0.398012	-2.51248	0.649206	1.1338	1.1338	0.070174	0.8898	-1.01031	
cg00439587	CALN1;CALN1	0.00772747	0.130582	0.712952	-1.40262	0.474431	0.8600363	-1.1627	0.0657664	0.651891	-1.534	0.446353	0.851416	-1.17451	0.00137789	0.382301	-2.61574	
cg10928348	CALN1;CALN1	0.00908115	0.735733	0.952974	-1.04935	0.00269755	1.80304	1.80304	0.00356168	1.75323	1.75323	0.752682	0.956047	-1.04597	0.142449	1.25131	1.25131	
cg26786895	CALN1;CALN1	0.01262184	0.0232836	0.194789	-5.13375	0.0277705	0.208216	-4.80269	0.0685875	0.2923139	-3.42068	0.744912	0.821229	-1.21769	0.00241298	0.078134	-12.7988	
cg01584103	CALN1;CALN1	0.0164354	0.4071787	0.722748	-1.38361	0.348273	1.44744	1.44744	0.374833	0.705524	-1.41739	0.730757	0.876093	-1.14143	0.247523	0.629395	-1.58883	
cg09162748	CALN1;CALN1	0.01658312	0.0288773	0.629525	-1.49187	0.0106459	0.153169	-6.50358	0.136093	0.930028	-2.55084	0.125252	0.380044	-2.63127	0.00999769	0.150134	-6.66074	
cg14178336	CALN1;CALN1	0.0222071	0.0834243	0.384535	-2.60054	0.2655111	0.5606223	-1.78373	0.842124	0.9053355	-1.10454	0.0496987	0.327394	-3.05442	0.0139092	0.215705	-4.55155	
cg24500222	CALN1;CALN1	0.0243326	0.793566	1.11264	1.11264	0.094923	0.473823	-2.11049	0.804951	0.904203	-1.10595	0.792334	0.898173	-1.11337	0.0176229	0.308751	-3.23886	
cg00762252	CALN1;CALN1	0.0257675	0.133079	0.39628	-2.52347	0.0452326	0.74439	1.37439	0.145528	1.44172	1.44172	0.689829	1.25752	1.25752	0.0118873	0.166435	-6.00837	
cg26957187	CALN1;CALN1	0.0345565	0.982374	0.983438	-1.01684	0.131447	0.324496	1.42496	0.794206	1.21851	1.21851	0.956773	0.959849	-1.04183	0.943037	0.94741	-1.05551	
cg05237200	CALN1;CALN1;CALN1	0.00513839	0.912153	0.959647	-1.04256	0.5006099	1.3506	1.3506	0.524825	0.786216	-1.27192	0.457124	0.753793	-1.32662	0.0145882	0.325398	-3.07316	
cg17239236	CALN1;CALN1;CALN1	0.00763556	0.0296664	0.469877	-2.12822	0.353034	0.754301	-1.32573	0.938353	1.02308	1.02308	0.048459	0.514165	-1.9449	0.0318128	0.47596	-2.10102	
cg13466180	CALR	0.000837509	0.00258918	0.318972	-3.13508	0.00108679	0.267241	-3.74194	0.0270482	0.24702	0.0410759	0.524599	-1.90622	0.00281039	0.324132	-3.08516		
cg09367967	CALR	0.000883913	0.0101551	0.52102	0.00217992	0.111802	-8.9444	0.0170242	0.227022	-4.40485	0.0196837	0.949261	-1.01545	0.00764855	0.174251	0.73884	-1.35354	
cg17308464	CALR	0.0103341	0.1784944	0.909851	-1.09908	0.124598	1.11615	1.11615	0.00451472	1.28419	1.28419	0.198822	0.914137	-1.09389	0.132592	1.11322	1.11322	
cg22620598	CALR	0.0164222	0.1941381	0.960568	-1.04113	0.1944135	0.7125	1.3275	0.0487376	1.56793	1.56793	0.144244	1.33093	1.33093	0.0139554	0.581934	-1.71841	
cg07916321	CALR	0.02323	0.004652	0.702339	-1.42381	0.0775587	0.236724	-1.38076	0.147593	0.864282	-1.15703	0.903146	0.988637	-1.01149	0.0284861	1.1979	1.1979	
cg11228872	CALR	0.0183696	0.158579	1.16464	1.16464	0.230277	0.880484	-1.11574	0.353905	1.10126	1.10126	0.668878	1.04447	1.04447	0.399425	1.09116	1.09116	
cg25605731	CALR	0.0243126	0.1438374	0.708337	-1.41133	0.1738837	0.707283	-1.41394	-1.29244	0.8550598	1.10736	-1.09009	0.2222913	-4.49888	0.0202427	1.29757	1.29757	0.0111883	0.771254	0.88152	-1.13452	
cg25496680	CALR3	0.0205794	0.00125111	0.128637	-7.77383	0.0123233	0.30003	-3.333	0.0160876	0.277598	-3.60233	0.0747099	0.421569	-2.37209	0.0177673	0.285335	-3.50465	
cg10365046	CALU;CALU	0.0315101	0.9453441	1.143267	1.143267	0.150694	0.715353	1.39853	0.0135425	0.7862516	-1.27192	0.457124	0.753793	-1.32662	0.0145882	0.325398	-3.07316	
cg05647526	CALU;CALU	0.0368744	0.00943722	0.475913	-2.10122	0.199453	0.736418	-1.35793	0.433182	0.83485	-1.19782	0.611735	0.890897	-1.12246	0.721378	1.08417	1.08417	
cg06766659	CALY	0.000307843	0.197168	0.898677	-1.11275	4.62E-06	0.4338802	-2.27893	0.782432	0.978542	-1.02193	0.485999	1.05704	1.05704	0.0191301	0.800768	-1.2488	
cg13679048	CALY	0.000447673	0.2596571	0.881573	-1.13461	0.6323363	1.04817	1.04817	0.053952	1.23806	1.23806	0.162255	1.15678	1.15678	0.157541	1.15895	1.15895	
cg10780164	CALY	0.00408525	0.779782	1.04318	1.04318	0.201746	0.816032	-1.22544	0.230772	0.827295	-1.20876	0.49187	1.11103	1.11103	0.00014853	2.67327	2.67327	
cg02415341	CALY	0.00415361	0.00173	0.5504	0.00077778	0.16169	-6.18556	-6.57162	0.0902558	0.605734	-1.97016	0.114825	0.532726	-1.87774	0.0875753	0.583934	-1.71841	
cg00929798	CALY	0.00514663	0.415349	1.75478	1.75478	0.410714	1.76509	-1.76509	0.171604	2.67254	2.67254	0.620712	2.04702	2.04702	0.0410759	0.524599	-1.90622	
cg10482237	CALY	0.00815091	0.009639	0.75985	-1.31605	0.0314533	0.747326	-1.3381	0.0262732	1.35559	1.35559	0.857372	0.979449	-1.02098	0.230558	0.864866	-1.15625	
cg01126081	CALY	0.0434927	0.1570829	0.713911	-1.40107	0.0307779	0.5169	-1.9342	0.0507358	0.605734	-1.97016	0.114825	0.532726	-1.87774	0.0875753	0.583934	-1.71841	
cg02929708	CALY	0.00514663	0.415349	1.75478	1.75478	0.410714	1.76509	-1.76509	0.171604	2.67254	2.67254	0.620712	2.04702	2.04702	0.0410759	0.524599	-1.90622	
cg10482237	CALY	0.00815091	0.009639	0.75985	-1.31605	0.0314533	0.747326	-1.3381	0.0262732	1.35559	1.35559	0.857372	0.979449	-1.02098	0.230558	0.864866	-1.15625	
cg01126081	CALY	0.0434927	0.1570829	0.713911	-1.40107	0.0307779	0.5169	-1.9342	0.0507358	0.605734	-1.97016	0.114825	0.532726	-1.87774	0.0875753	0.583934	-1.71841	
cg21965997	CALY;CALY	0.0179145	0.206671	0.831974	-1.20196	0.0015045	1.88083	1.88083	0.00801256	1.59888	1.59888	0.26363	1.20361	1.20361	0.819399	0.967972	-1.03309	
cg14558573	CAMK1	0.00774679	0.6399064	0.93554	-1.06913	0.0100262	1.24818	1.24818	0.0063513	1.56453	1.56453	0.236634	1.24066	1.24066	0.0246617	1.57553	1.57553	0.0468898	0.662524	0.908754	-1.10062	
cg23451076	CAMK1	0.00797693	0.0588839	0.721314	-1.38636	0.350644	0.863212	-1.15846	0.000487618	2.30916	2.30916	0.018289	1.55043	1.55043	0.142541	1.27298	1.27298	
cg23243617	CAMK1	0.00797947	0.0143238	0.557152	-1.79504	0.0672384	1.12406	1.12406	0.0433333	1.19755	1.19755	0.0687095	1.37192	1.37192	0.0418606	1.64534	1.64534	
cg06405796	CAMK1	0.0288938	0.145612	0.810103	-1.23455	0.0634878	1.2929	1.2929	0.765317	0.907951	-1.10138	0.684096	1.14106	1.14106	0.792464	1.03878	1.03878	
cg06730340	CAMK1	0.0453753	0.0464902	1.32591	1.32591	0.100913	0.800705	-1.2489	0.242209	1.16349	1.16349	0.00475155	0.628852	-1.5902	0.655486	1.05713	1.05713	
cg19841447	CAMK1	0.0474543	0.143576	1.30821	1.30821	0.00156439	2.17373	2.17373	0.138913	1.59299	1.59299	0.00121967	2.34582	2.34582	0.577318	0.908204	-1.10107	
cg05320820	CAMK1;CAMK1D	0.0026256	0.567903	1.03872	1.03872	0.905975	0.992255	-1.00781	0.769751	0.980872	-1.0195	0.55195	0.961176	-1.04039	0.0175424	0.826799	-1.20948	
cg09224545	CAMK1;CAMK1D	0.00595142	0.6268027	1.02978	1.02978	0.813141	1.04635	1.04635	0.00126849	0.402802	-2.48261	0.180102	1.31599	1.31599	0.00052001	0.949206	-2.86364	
cg24222950	CAMK1D;CAMK1D	0.00618575	0.0655736	0.750157	-1.33305	0.2744757	0.840248	-1.19013	0.1221355	0.760263	-1.26157	0.184741	1.21614	1.21614	0.000850162	0.497826	-2.00861	
cg03119748	CAMK1D;CAMK1D	0.0065306	0.00579842	0.23302	-4.29149	0.0237667	0.336994	-2.96741	0.00217043	0.176548	-5.66418	0.004720	0.220236	-4.54058	0.0045691	0.218262	-4.58165	
cg09958065	CAMK1D;CAMK1D	0.00799604	0.0335416	0.334791	-2.98694	0.264889	0.57749	-1.73149	0.0625513	0.726323	-1.37682	0.139132	0.875531	-1.14209	0.0115851	0.748843	-1.33509	
cg13630646	CAMK1D;CAMK1D	0.00813134	0.10274	0.755077	-1.32437	0.552084	1.09929	-1.09929	0.0228568	0.651468	-1.53499	0.716439	0.944214	-1.05908	0.000778246	0.449317	-2.2256	
cg26131267	CAMK1D;CAMK1D	0.0113701	0.0053205	0.119572	-8.36318	0.0312738	0.231917	-4.31188	0.1102556	0.36576	-2.73403	0.0309792	0.231127	-4.32663	0.0111398	0.160154	-6.24398	
cg00115178	CAMK1D;CAMK1D	0.0119141	0.0139999	0.133498	-7.49075	0.00538617	0.0879098	-11.3753	0.253679	0.453366	-2.20572	0.16208	0.371338	-2.69296	0.0013808	0.0460503	-21.7154	
cg14816482	CAMK1D;CAMK1D	0.0133218	0.94393	1.00728	1.00728	0.636562	1.0503	1.0503	0.0494559	1.26007	1.26007	0.108915	1.19755	1.19755	0.230737	0.878412	-1.13842	
cg10476206	CAMK1D;CAMK1D	0.0311466	0.0520039	0.542167	-1.84423	0.0954053	0.7601	-1.3157	0.0812129	0.768148	-1.3017	0.142769	0.799106	-1.2512	0.0436354	0.683794	-1.46307	
cg11567041	CAMK1D;CAMK1D	0.0361381	0.423815	1.10393	1.10393	0.071201	1.27625	1.27625	0.113391	1.23186	1.23186	0.857297	1.02203	1.02203	0.336752	0.887025	-1.12736	
cg14537546	CAMK1D;CAMK1D	0.0471634	0.6736361	1.03023	1.03023	0.548707	0.915157	-1.09267	0.727632	1.38575	1.38575	0.802259	1.06153	1.06153	0.413614	0.940334	-1.06354	
cg26966582	CAMK1D;CAMK1D	0.0471354	0.0181598	0.21275	-4.70035	0.0207649	0.222711	-4.49012	0.116007	0.397855	-2.51348	0.0303105	0.25313	-3.95054	0.0633917	0.324218	0.08435	
cg20994118	CAMK1G	0.000424687	0.00122502	0.337941	-2.9591	0.120473	0.679542	-1.47158	5.87E-05	0.18148	-5.51024	0.253171	0.760514	-1.3149	0.00201415	0.250356	-3.99431	
cg27337148	CAMK1G	0.0139283	0.893983	0.958671	-1.04328	0.00220875	1.86225	1.86225	0.916403	1.33363	1.33363	0.108656	1.28064	1.28064	0.0198363	1.3895	-2.56701	
cg01804664	CAMK2A;CAMK2A	0.0165351	0.338871	0.717183	-1.39434	0.0184673	0.38149	-2.6213	0.0560602	2.07449	2.07449	0.0744973	1.95431	1.95431	0.133704	0.579595	-1.72534	
cg07620079	CAMK2A;CAMK2A	0.0306617	0.0155283	0.477532	-2.09417	0.0783192	0.7803097	-1.28152	0.0891762	1.20227	1.20227	0.441892	1.47387	1.47387	0.0044102	1.61882	1.61882	0.0298399	1.57033	0.0154812	0.479348	-2.08617	0.0882203	0.538908	-1.85596	0.0442123	0.0388533	0.372332	0.872718	
cg01122167	CAMK2A;CAMK2A	0.0381869	0.0568892	0.27184	-3.67864	0.116823	0.357051	-2.80072	0.143949	0.387152	-2.58297	0.340734	0.558873	-1.78932	0.0929856	0.136016	-7.3521	
cg21706701	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.000462861	0.0342978	0.51762	-1.93192	0.0532167	1.79628	1.79628	0.312841	0.756992	-1.32102	0.000233454	0.09217	0.09217	0.328323	0.764094	-1.30874	
cg05536156	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.000628728	0.000144637	0.203492	-4.91419	0.0906429	0.450044	-2.22005	0.0189672	0.501042	-1.99584	0.0010978	0.310062	-3.22516	0.0035037	0.372702	-2.68311	
cg20561716	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.000956031	0.971475	1.0089	1.0089	0.701165	1.10026	1.10026	0.126013	1.50712	1.50712	0.965378	1.01081	1.01081	1.31E-05	0.103764	-9.6373	
cg21587460	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00127553	0.0216336	0.292116	-3.4233	0.0173528	3.6432	3.6432	0.325217	0.635523	-1.57351	0.00111172	0.53091	0.53091	0.470512	0.720661	-1.38762	
cg23765086	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00251893	0.00467689	0.451872	-2.21302	0.00140222	2.65747	2.65747	0.191314	1.33944	1.33944	0.00227014	2.46455	2.46455	0.0579314	1.57276	1.57276	
cg26985366	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00281287	0.0982747	0.589815	-1.69545	0.787431	0.924326	-1.08187	0.181472	0.661662	-1.51134	0.285001	0.723734	-1.38172	0.0129128	0.40714	-2.45616	
cg06032855	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00436457	0.976569	1.00633	1.00633	0.0159957	1.88423	1.88423	0.00249035	2.46665	2.46665	0.213469	1.325	1.325	0.00761256	0.478463	-2.09003	
cg17387670	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00591441	0.0720982	0.632753	-1.5804	0.000806237	3.16662	3.16662	0.0435425	1.69748	1.69748	0.0411887	0.58449	-1.71089	0.117364	0.678564	-1.4737	
cg04633735	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00790773	0.5560224	0.914591	-1.09338	0.000366317	2.35308	2.35308	0.441497	1.12487	1.12487	0.0757303	0.743514	-1.34496	0.29003	1.17897	1.17897	
cg12843130	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00938531	0.368138	1.17753	1.17753	0.00247839	2.10357	2.10357	0.544947	0.89735	-1.11439	0.0372497	1.53334	1.53334	0.0210048	0.612124	-1.63366	
cg22211058	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.00976162	0.163291	0.810156	-1.23433	0.0863696	0.764866	-1.30742	0.173812	0.814866	-1.2272	0.157827	0.807613	-1.23822	0.763387	1.04364	1.04364	
cg13302670	AMK2C;CAMK2C;CAMK2C;CAMK2C;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.0109093	0.280506	0.723057	-1.38302	0.0154581	0.423662	-2.36037	0.0377924	0.498402	-2.00641	0.574065	0.848599	-1.17841	0.0075913	0.370622	-2.69817	
cg25052320	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.0210118	0.0866566	1.61041	1.61041	0.178707	0.697874	-1.43292	0.463585	1.20664	1.20664	0.0033113	2.73791	2.73791	0.0596689	0.585507	-1.70763	
cg02853553	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.0254621	0.0446167	0.426807	-2.34298	0.013365	0.322556	-3.10023	0.0453113	0.428322	-2.33469	0.162097	1.73533	1.73533	0.0680889	0.47028	-2.12639	
cg12835270	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.0328426	0.407197	0.803832	-1.24404	0.0074156	0.411339	-2.43109	0.44921	0.819869	-1.21971	0.69489	1.10686	1.10686	0.0581129	1.73601	1.73601	
cg01044261	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.0345465	0.0559336	1.22731	1.22731	0.0514131	0.810768	-1.2334	0.289766	0.901287	-1.10952	0.167327	1.14939	1.14939	0.130192	0.856748	-1.1672	
cg06746426	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.0388279	0.917768	1.03201	1.03201	0.0385302	0.413969	-2.41564	0.423096	0.74003	-1.3513	0.27109	0.655997	-1.5244	0.00208513	0.203126	-4.92305	
cg23339363	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.0394643	0.561411	0.912446	-1.09595	0.0132936	0.619605	-1.61393	0.562935	0.912779	-1.09556	0.0848869	1.34623	1.34623	0.105153	0.758601	-1.31822	
cg15326144	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2C;CAMK2C;CAMK2C;CAMK2C	0.0448194	0.0127061	0.397952	-2.51286	0.127528	0.612444	-1.6328	0.262999	0.706615	-1.4152	0.195207	1.50328	1.50328	0.287756	0.720073	-1.38975	
cg26705291	AMK2B;CAMK2C;CAMK2D	0.00301624	0.214935	1.12308	1.12308	0.107225	0.855265	-1.16923	0.00258954	0.688679	-1.44953	0.225685	1.51978	1.51978	0.00309771	0.43317	1.43317	
cg23888462	AMK2C;CAMK2D	0.00236035	0.0393222	0.430173	-2.32465	0.856853	1.06597	1.06597	0.140289	1.753	1.753	0.331578	1.42536	1.42536	0.141866	0.743144	-1.34563	
cg00133698	AMK2C;CAMK2D	0.00308101	0.5606	0.94645	-1.05658	0.255563	1.11741	1.11741	0.0424251	1.24432	1.24432	0.306745	1.10403	1.10403	0.00177893	0.659628	-1.51601	
cg13801347	AMK2C;CAMK2D	0.00500178	0.678929	1.08186	1.08186	0.0119948	0.552984	-1.80837	0.0463643	0.649624	-1.53935	0.0428844	0.643701	-1.55352	0.0292767	0.615424	-1.62489	
cg27290925	AMK2C;CAMK2D	0.0141501	0.306172	0.850776	-1.17637	0.171495	1.25006	1.25006	0.968687	1.00604	1.00604	0.804055	1.03138	1.03138	0.392283	0.874269	-1.14381	
cg07795325	AMK2C;CAMK2D	0.0153153	0.35929	0.816942	-1.22408	0.691114	1.08945	1.08945	0.81285	0.950398	-1.05219	0.135954	0.708461	-1.41151	0.000421457	0.301591	-3.31575	
cg18841746	AMK2C;CAMK2D	0.0294189	0.00314169	0.535958	-1.86582	0.0443941	1.42859	1.42859	0.692881	1.06324	1.06324	0.91341	0.983337	-1.01695	0.511264	0.902194	-1.10841	
cg16503611	AMK2C;CAMK2D	0.0406401	0.186068	0.365405	-2.73669	0.0334025	5.95994	5.95994	0.24059	2.41637	2.41637	0.697561	0.755453	-1.32371	0.0698462	0.23322	-4.28779	
cg13246654	AMK2C;CAMK2C;CAMK2D;CAMK2D;CAMK2C;CAMK2C;CAMK2D;CAMK2D	2.25E-05	0.136931	1.22959	1.22959	0.00431671	0.611282	-1.63591	1.63E-06	4.73912	4.73912	0.00072502	0.514965	-1.94188	0.94656	1.00868	1.00868	
cg02231843	AMK2G	2.55E-05	0.826312	1.0405	1.0405	0.574944	1.10777	1.10777	0.767839	0.947931	-1.05493	0.000109352	0.292067	-3.42387	3.45E-06	0.138994	-7.19455	
cg02227879	AMK2G	0.000361427	0.440055	1.12861	1.12861	0.00026384	2.51451	2.51451	0.608352	0.923575	-1.08275	0.00415817	0.553838	-1.80558	0.372186	1.15128	1.15128	
cg27625562	AMK2G	0.00067095	0.865613	1.04362	1.04362	0.551106	1.16419	1.16419	0.0126544	0.457815	-2.18429	0.168525	0.690827	-1.44754	5.93E-05	0.153671	-6.50741	
cg25252561	AMK2G	0.00154653	0.0198377	0.625176	-1.59955	0.65696	1.07751	1.07751	0.0661572	1.41089	1.41089	0.150079	1.29393	1.29393	0.00710706	0.559465	-1.78742	
cg27046659	AMK2G	0.0146111	0.402503	0.913105	-1.09516	0.609737	1.05614	1.05614	0.307136	1.11871	1.11871	0.241414	0.878	-1.13895	0.853345	1.01955	1.01955	
cg14632281	AMK2G	0.0242723	0.229816	0.80989	-1.23474	0.0527232	1.44561	1.44561	0.0484936	0.685767	-1.45822	0.892603	0.977648	-1.02286	0.001266	0.455085	-2.19739	
cg07481027	AMK2G	0.0299381	0.0148022	0.296303	-3.37492	0.571827	0.793149	-1.2608	0.957752	0.978641	-1.02183	0.960706	1.02019	1.02019	0.00292886	0.190554	-5.24787	
cg27909125	AMK2G;CAMK2G	0.0331012	0.319587	1.13635	1.13635	0.167207	0.832785	-1.20079	0.644323	0.943866	-1.05947	0.403218	0.899154	-1.11216	0.000576371	1.93866	1.93866	
cg08986653	CAMK2N1	0.000211346	0.124235	0.650641	-1.53695	0.0125727	2.22857	2.22857	0.27491	1.34086	1.34086	0.018791	2.0856	2.0856	0.904794	0.969577	-1.03138	
cg22942704

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19283960	CAMK2N1	0.00241344	0.06101889	0.681346	-1.46768	0.0867985	0.688329	-1.45279	0.655379	1.08507	1.08507	0.269866	0.811584	-1.23216	0.894597	0.976197	1.02438	0.00187972	0.44883	-2.23802	0.000493537	0.371024	-2.69525	0.00738526	1.87265	1.87265	0.100109	1.58741	9.12612	4.77415	0.465005	1
cg00980178	CAMK2N1	0.0181795	0.143437	0.346712	-2.88423	0.363085	0.532714	-1.87718	0.794544	0.838761	-1.19224	0.678334	0.755034	-1.32444	0.0285555	0.1754	-5.70124	0.000896391	0.0350922	-28.4964	0.320742	1.99613	1.99613	0.240323	2.28936	2.28936	0.167875	2.69195	2.69195	4.85888	34.9312	6.39036	1
cg01039849	CAMK4	5.65E-06	8.99E-06	0.28718	-3.48214	1.38E-05	0.307997	-3.24679	0.000289207	0.464374	-2.15344	0.0183916	1.44927	1.44927	1.55E-05	0.313536	-3.18943	0.00914183	1.26428	1.26428	1.96E-05	0.325274	-3.07433	0.00230696	1.7374	1.7374	5.70E-05	0.379429	-2.63554	47.0359	12.5357	0.236902	1
cg05497616	CAMK4	0.000236456	0.167738	0.816475	-1.22478	0.0766994	1.31193	1.31193	0.000440335	2.15004	2.15004	0.000351375	4.52952	-2.20787	0.0332969	0.709597	-1.40925	0.000116992	0.394346	-2.53585	0.031021	1.41786	1.41786	0.199227	1.20569	1.20569	0.0660068	1.32898	1.32898	17.5542	5.28683	0.267708	1
cg01104045	CAMK4	0.0492761	0.743399	1.06116	1.06116	0.600271	1.10027	1.10027	0.661899	0.92356	-1.08277	0.4623	1.14479	1.14479	0.213174	0.789148	-1.26719	0.878092	0.972642	-1.02813	0.00105767	0.416801	-2.29922	0.470161	0.875659	-1.142	0.475752	1.14003	1.14003	3.40695	1.76221	0.459769	1
cg01359895	CAMK1;CAMKK1	0.00116729	0.420061	1.07278	1.07278	0.120382	1.1545	1.1545	0.118058	1.15372	1.15372	0.00731264	1.7434	-1.34615	0.0728806	0.843143	-1.18604	0.394782	0.928368	-1.07716	4.92E-05	1.91625	1.91625	0.0206001	1.26847	1.26847	0.799167	0.978493	-1.02198	11.2602	1.29694	0.102381	1
cg00085747	CAMK1;CAMKK1	0.00470786	0.0187718	0.73845	-1.35419	0.0774828	1.23241	1.23241	0.907941	0.987758	-1.01239	0.331041	0.898711	-1.11271	0.0967568	1.21425	1.21425	0.554191	1.06578	1.06578	0.000274408	1.88622	1.88622	0.0504032	0.7886626	-1.26803	0.527497	0.934105	-1.07054	7.47447	1.34222	0.159622	1
cg05005659	CAMK1;CAMKK1	0.03114	0.148759	0.642255	-1.55701	0.0579524	0.9160057	-1.09257	0.745984	1.23826	1.23826	0.939992	0.97516	-1.02544	0.000194129	0.168424	4.00731	0.644981	1.14185	1.14185	0.0215043	0.458043	-2.20245	0.99534	0.99826	-1.00174	0.353964	0.761348	-1.31346	5.884838	7.61283	1.15081	1
cg02009326	CAMK1;CAMKK1	0.0259614	0.283658	0.665159	-1.5034	0.255464	0.647546	-1.54429	0.0114373	0.18502	0.18502	0.0110147	0.113774	-2.21363	0.681571	0.859874	1.16296	0.0962318	0.512423	-1.95151	0.0867453	1.99867	1.99867	0.564715	2.3725	2.3725	0.0973319	0.513768	1.9464	4.3003	9.12564	1.88631	1
cg27286572	CAMK1;CAMKK1	0.0404191	0.0443195	0.753916	-1.32641	0.0719777	1.27865	1.27865	0.092125	1.25448	1.25448	0.167672	1.19702	1.19702	0.0442537	1.32656	1.32656	0.436439	0.907479	-1.10195	0.0906558	0.79616	-1.25603	0.936213	1.1819	1.1819	0.0863869	1.26069	1.26069	3.669001	0.868958	0.210522	1
cg01770003	CAMK1;CAMKK1	0.04867079	0.00444239	1.94003	1.94003	0.0358898	1.47851	1.47851	0.168291	0.903575	-1.10671	0.790631	0.856705	-1.27229	0.0833671	0.963702	-1.03768	0.044909	1.66717	1.49885	0.186101	1.1015	1.1015	0.963561	1.00806	1.00806	0.65099	0.923049	-1.08337	3.422955	1.67591	0.43521	1
cg21323494	CAMK1;CAMKK1	0.00199479	0.6993937	0.894994	-1.11297	0.23784	0.7109888	-1.40649	0.572673	1.17029	1.17029	0.00571587	0.368013	-2.72129	0.00344516	0.204177	-4.8977	0.000164621	0.169993	-5.88261	0.622746	1.14659	1.14659	0.242304	0.797888	-1.25331	0.663555	0.886261	-1.12834	9.649223	11.6296	1.07132	1
cg06478195	CAMK1;CAMKK1	0.0139113	0.8283203	1.03277	1.03277	0.0854977	1.32563	1.32563	0.164429	1.3011	1.3011	0.554175	1.09279	1.09279	0.0794526	0.740241	-1.35068	0.0010384	0.480974	-2.08068	0.0520474	1.38784	1.38784	0.345774	1.15487	1.15487	0.482184	1.11146	1.11146	5.310097	1.84071	0.309583	1
cg02067491	CAMK1;CAMKK1	0.0335366	0.332878	0.731282	-1.30296	0.605174	1.210128	1.10128	0.184975	0.709997	-1.29702	0.0782409	0.696341	-1.43608	0.227205	1.26431	1.26431	0.75051	0.942695	-1.06079	0.00163645	0.30351	2.30351	0.45073	0.867483	-1.15276	0.678115	0.925696	-1.08027	3.927211	2.12852	0.481771	1
cg06844165	CAMK1;CAMKK1;CAMKK1 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0358007	0.0806936	0.430075	-2.32517	0.583189	1.27302	1.27302	0.733803	0.861838	-1.16031	0.0107081	0.4039	0.4039	0.0158708	0.276145	-3.62129	0.604342	1.25571	1.25571	0.0891793	2.62256	2.62256	0.168569	1.89471	1.89471	0.617415	0.803025	-1.24529	3.83556	11.5264	2.67124	1
cg12590521	MKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.00567394	0.0174465	0.110007	-9.09036	0.00228949	0.0386956	-25.8427	0.0476811	0.177782	-5.62487	0.0578979	0.194907	-5.13066	0.00793899	0.0745567	-13.4126	0.0692613	0.212207	-4.71238	0.00100809	0.0241858	-41.3465	0.0111871	0.088499	-11.2996	0.00498715	0.0587466	-17.0223	7.05968	65.0428	8.18959	1
cg04615865	MKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0068343	0.00895462	0.114426	-8.7393	0.0021425	0.0600987	-16.6393	0.0255525	0.177272	-5.64106	0.0477417	0.228517	-4.37605	0.00760272	0.106638	-9.37753	0.0505447	0.233856	-4.27613	0.00199202	0.056783	-17.6109	0.0101797	0.120865	-8.27372	0.0192535	0.15782	-6.33633	6.66468	44.8819	5.98604	1
cg22032709	MKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0132253	0.0977141	0.528993	-1.89038	0.1376	1.75138	1.75138	0.104729	1.8616	1.8616	0.873835	0.94583	-1.05727	0.00173459	0.208946	-4.78592	0.411782	1.34195	1.34195	0.03461	0.421707	-2.37132	0.0721189	2.02079	2.02079	0.157913	0.589109	-1.69748	5.39973	10.5044	1.7292	1
cg09297514	MKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0232173	?	?	?	?	?	0.0364881	0.140807	-7.10194	0.0739812	0.200691	-4.98278	0.0116174	0.0785387	-12.7326	0.0460956	0.158304	-6.31695	?	?	?	?	?	?	?	?	5.19466	23.7821	9.15638	1
cg19609099	MKK2;CAMKK2;CAMKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.00368207	0.229461	1.14541	1.14541	0.420874	1.09257	1.09257	0.412482	1.0944	1.0944	0.957275	0.994249	-1.00578	0.00083634	1.71803	1.71803	0.165187	1.17278	1.17278	0.00012856	2.04769	2.04769	0.832186	1.02311	1.02311	0.0379685	1.29568	1.29568	0.05053	1.47784	0.163174	1
cg00632496	MKK2;CAMKK2;CAMKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0141377	0.0963929	0.713892	-1.40077	0.000636043	0.3796611	-2.63428	0.189137	0.773506	-1.29281	0.458255	0.869845	-1.14963	0.0156456	0.578638	-1.7282	0.0177954	0.58746	-1.70225	0.366853	0.842699	-1.18666	0.13478	0.742548	-1.34672	0.0104605	0.551568	-1.81301	5.282886	2.85178	0.479838	1
cg21348709	MKK2;CAMKK2;CAMKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0184046	0.105295	1.68658	1.68658	0.00233334	3.50881	3.50881	0.407089	0.778428	-1.28464	0.71974	0.899049	-1.11229	0.223094	1.45952	1.45952	0.0123546	0.398518	-2.50929	0.396136	1.2926	1.2926	0.316959	1.35737	1.35737	0.160739	0.64242	-1.55662	4.83878	6.68534	1.2281	1
cg06150302	MKK2;CAMKK2;CAMKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0264839	0.518306	1.24008	1.24008	0.631743	1.17194	1.17194	0.0423512	0.463819	-2.15601	0.144233	1.67433	1.67433	0.640082	0.856641	-1.16735	0.49627	0.796935	-1.25481	0.00185363	0.234167	-4.27046	0.802939	0.921128	-1.08563	0.0234321	0.410807	-2.43423	4.27045	7.30189	1.51988	1
cg27277181	MKK2;CAMKK2;CAMKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0300875	0.782891	1.21472	1.21472	0.0711511	0.241848	-4.13482	0.0768725	0.250211	-3.99663	0.687979	0.752549	-1.32882	0.0127403	0.261848	-4.13562	0.339333	0.499821	-2.00072	0.000769756	0.0277017	-36.0989	0.77691	1.22146	1.22146	0.154113	0.36063	-2.77292	4.0826	32.0639	6.98115	1
cg09058061	MKK2;CAMKK2;CAMKK2 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA MKK2;CAMKK2;CAMKK2;CAMK2;CAMK2;CA	0.0464585	0.149735	1.24253	1.24253	0.140136	1.25004	1.25004	0.673005	1.0615	1.0615	0.0476934	0.727325	-1.3749	0.0144459	0.65454	-1.52779	0.73709	0.953731	-1.04851	0.6066931	1.07569	1.07569	0.131188	1.25752	1.25752	0.0625094	0.744716	-1.34279	3.48358	1.09072	0.278315	1
cg00500936	KK2;CAMKK2;CAMKK2;CAMK2;CAMK2;CA MKK2;CAMKK2;CAMKK2;CAMK2;CAMK2;CA	0.0190673	0.00615249	0.219762	-4.59365	0.517301	1.3229	1.3229	0.479885	1.35903	1.35903	0.972326	0.985323	-1.0149	0.122612	0.0254769	0.322488	-3.10089	0.413434	0.700197	-1.42817	0.0119202	0.262486	-3.80973	0.00465725	0.201081	-4.97313	0.2271111	0.58246	-1.71686	4.78134	13.7582	2.55775	1
cg13285862	KK2;CAMKK2;CAMKK2;CAMK2;CAM CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA MKK2;CAMKK2;CAMKK2;CAMK2;CAMK2;CA	0.0227479	0.0566027	0.462073	-2.16416	0.944224	0.97528	-1.02535	0.0359887	0.24308	0.24308	0.74077	0.888609	-1.12612	0.0509471	0.45139	-2.21538	0.849126	1.07051	1.07051	0.00201524	0.210425	-4.75229	0.108208	0.534224	-1.87187	0.174491	0.596466	-1.67654	4.50192	1.93163	1.80176	1
cg07273803	KK2;CAMKK2;CAMKK2;CAMK2;CAM CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA MKK2;CAMKK2;CAMKK2;CAMK2;CAMK2;CA	0.0265737	0.00388062	0.324009	-3.08634	0.0836993	0.574256	-1.74138	0.162753	1.54001	1.54001	0.383887	0.772036	-1.29528	0.016292	0.426905	-2.34244	0.356172	0.759566	-1.31654	0.0223649	0.452455	-2.21016	0.0432083	0.509704	-1.96192	0.461934	0.804922	-1.24236	4.26539	5.67236	1.18209	1
cg13374726	KK2;CAMKK2;CAMKK2;CAMK2;CAM	0.0326253	0.00835017	0.231585	-4.31808	0.5494	1.30069	1.30069	0.369907	1.49128	1.49128	0.913435	0.953903	-1.04832	0.0867178	0.439936	-2.27306	0.342599	0.65419	-1.52861	0.0160846	0.27848	-3.59092	0.0231095	0.30763	-3.25066	0.0308627	0.332794	-3.00486	3.96715	11.8346	2.65169	1
cg08227110	CAMKV	0.00305967	0.00204353	0.448194	-2.23118	0.0015497	2.32404	2.32404	0.3956	1.16457	1.16457	0.0841598	1.4031	1.4031	0.0616041	0.520926	-1.91966	0.514889	1.1224	1.1224	0.2414004	0.806166	-1.24044	0.0140416	1.7286	1.7286	0.828585	1.03857	1.03857	10.0163	4.7275	0.367098	1
cg13468002	CAMKV	0.0111902	0.7935804	0.919505	-1.08745	0.0224693	1.02864	-1.44225	0.210884	0.846635	-1.18135	0.642878	0.780207	-1.28207	0.685902	1.05383	1.05383	0.0098008	1.52513	1.52513	0.0274104	0.73468	-1.36023	0.00916746	0.6526616	-1.5323	0.038476	1.36239	1.36239	0.9002	1.50178	0.234157	1
cg19891817	CAMKV	0.0139384	0.773145	0.955914	-1.04612	0.0969571	0.75262	-1.32869	0.800145	0.961201	-1.04037	0.415348	1.13868	1.13868	0.00872596	1.68414	1.68414	0.0560835	1.40149	1.40149	0.00816905	0.589758	-1.69561	0.0853901	1.34534	1.34534	0.0279714	1.49937	1.49937	5.307557	2.04554	0.342578	1
cg04304561	CAMKV	0.0388794	0.49444	1.07391	1.07392	0.163311	0.85748	-1.16621	0.739759	0.966316	-1.03486	0.815605	0.976275	-1.0243	0.0116123	0.738855	-1.35344	0.748728	1.03158	1.03158	0.433606	1.07779	1.07779	0.00756768	0.702484	-1.42352	0.0434726	1.26954	1.26954	5.712581	0.622736	0.14873	1
cg07681799	CAMKV	0.0397567	0.982287	0.991021	-1.00585	0.921942	0.97509	-1.03083	0.174089	0.644113	-1.55979	0.4126698	1.29368	1.29368	0.0002393	0.222266	-4.49911	0.458019	0.792209	-1.26229	0.329704	1.36242	1.36242	0.353028	1.34153	1.34153	0.721782	0.8959	-1.1162	3.69142	5.52633	1.33073	1
cg07131655	CAMKV	0.0419007	0.45377	0.817621	-1.22306	0.286463	1.33919	1.33919	0.364307	1.27887	1.27887	0.438513	1.23182	1.23182	0.162611	0.674811	-1.4819	0.645231	1.13012	1.13012	0.0100799	0.424547	-2.35545	0.00855293	0.412649	-2.42337	0.3031661	1.32501	1.32501	3.6205	3.99206	0.980112	1
cg00898937	CAMKV	0.0080895	0.0503105	0.645681	-1.54875	0.0335071	2.1873	2.1873	0.541286	1.1289	1.1289	0.427039	0.852998	-1.17234	0.388978	1.18898	1.18898	0.29245	1.2388	1.2388	0.977147	0.9944	-1.00563	0.601876	0.900194	-1.10871	0.107365	1.41136	1.41136	5.42242	2.08353	0.541145	1
cg24911146	CAMLG	0.000598436	0.392493	1.2199	1.2199	0.0198368	1.89301	1.89301	0.0437373	1.69214	1.69214	0.860293	1.04059	1.04059	0.157287	1.4094	1.4094	1.31E-05	0.125569	-7.96374	0.104861	0.672132	-1.4878	0.507308	1.16498	1.16498	0.67635	1.00994	1.00994	13.5938	11.0884	1.724801	1
cg05998153	CAMLG	0.00237248	0.0156139	0.405449	-2.4664	0.0044104	0.125287	-7.39172	0.0014255	0.668424	-1.49182	0.0111002	0.379221	-2.63698	0.00177054	0.257755	-3.87965	0.394152	0.766607	-1.30445	0.0017589	0.250381	-3.99991	0.324449	0.731642	-1.36725	0.042404	0.742394	-1.34699	9.17212	15.4704	3.55544	1
cg08634762	CAMLG	0.00919043	?	?	?	?	0.00144049	24.3746	24.3746	0.103568	2.9218	2.9218	?	?	?	?	?	?	?	?	?	?	1.54574	1.54574	0.0465143	0.220353	-4.53816	0.6372119	0.794319	-1.36181	7.690487	27.9334	5.08509	1
cg19472116	CAMLG	0.0234314	0.9935505	1.00133	1.00133	0.174777	1.26594	1.26594	0.621681	1.08466	1.08466	0.9517155	1.00994	1.00994	0.90701	0.842188	-1.18738	0.378864	0.862859	-1.15894	0.00113592	0.454706	-2.18624	0.140855	0.771987	-1.29536	0.0475393	1.44815	1.44815	0.183994	0.375794	1
cg06710795	CAMP	0.00013198	0.2403115	1.86546	1.86546	0.0003576	0.4018	-2.48934	0.0215167	0.643614	-1.55412	0.2262	0.228	-4.38786	0.0229663	0.637753	-1.56823	0.111132	0.631132	0.158455	1.58455	1.58455	1.01132	0.911166	1.09725	1.09725	0.6420738	0.529813	-1.88746	20.553	7.749	2.335134	1
cg09543635	CAMP	0.00067856	0.4080834	0.907816	-1.10154	0.1826277	0.850773	-1.1754	0.013004	0.70314	-1.42219	0.500936	0.924902	-1.0812	0.121757	0.825554	-1.21131	0.0257041	1.35362	1.35362	1.33E-05	0.344422	-2.90342	0.0259497	0.739261	-1.3527	0.122567	0.825954	-1.21072	13.1248	2.71483	0.183864	1
cg18728449	CAMP	0.0016247	0.0124735	0.476026	-2.10128	0.075334	0.91374	-1.68528	0.7.4E-05	0.179238	-5.57373	0.100561	0.645796	-1.54856	0.00510039	0.407468	-2.45444	0.0059237	0.415568	-2.40704	0.00756768	0.429062	-2.34726	0.0078918	0.774071	-1.29186	0.0041281	0.929002	0.929002	0.929002	0.929002	1
cg19440734	CAMP	0.00543071	0.459403	0.888229	-1.12584	0.00683405	0.57622	-1.73545	0.0013504	0.480706	-2.08027	0.0478888	0.742461	-1.34684	0.00342844	0.549436	-1.8693	0.328366	1.17203	1.17203	0.137889	0.856032	-1.16818	0.30972	1.17986	1.17986	0.022938	0.651731	-1.53437	7.19087	2.8195	0.348529	1
cg04523589	CAMP	0.00464676	0.7199667	0.937875	-1.06624	0.800804	0.955956	-1.04607	0.0163972	0.592964	-1.68644	0.15206	0.760809	-1.31439	0.000986295	0.417919	-2.39281	0.453374	0.872768	-1.14578	0.00424737	1.97738	1.97738	0.305413	1.20813	1.20813	0.0934557	0.719851	-1.38918	6.7808	3.40892	0.446873	1
cg14461852	CAMSAP1	1.5E-05	0.0030484	0.553955	-1.81174	4.48E-05	0.322551	-3.10029	8.12E-05	0.533168	-1.87551	2.08E-05	0.384384	-2.51637	7.34E-06	0.233276	-4.28703	0.000267061	0.416385	-2.40162	5.01E-06	0.218129	-4.58444	0.502247	0.900599	-1.10485	5.69E-05	0.334765	-2.98717	37.5193	12.7405	2.813842	1
cg00220204	CAMSAP1	1.58E-05	8.69E-06	0.247918	-4.03359	1.38E-05	0.269852	-3.70573	0.000140191	0.387138	-2.58306	0.368832	1.14251	1.14251	0.0216525	0.671676	-1.48881	8.20E-05	0.358943	-2.78596	5.86E-06	0.229966	-4.34847	0.538392	1.09408	1.09408	0.00103564	0.495922	-2.01644	35.9975	11.8777	0.293296	1
cg07744655	CAMSAP1	1.75E-05	0.349175	1.04033	1.01603	8.54E-06	0.612389	-1.61999	0.233712	1.06535	1.06535	0.674848	1.02134	1.02134	1.08E-05	1.59217	1.59217	0.000174611	1.37138	1.37138	7.82E-06	1.8277	1.8277	0.110427	1.42532	1.42532	0.645224	1.02304	1.02304	0.206045	0.993994	-1.00638	15.6531	1.36519	0.094198	1
cg00414506	CAMSAP1	0.000967797	0.000943191	0.217849	-4.59034	0.0201035	0.420439	-2.37847	0.0311081	0.457577	-2.18542	0.550329	0.829671	-1.2053	0.000513254	0.187188	-5.34222	0.0149307	0.396578	-2.52157	6.67E-05	0.104556	-9.56425	0.720935	1.11721	1.11721	0.130555	0.603791	-1.6562	13.8762	17.9589	1.34416	1
cg25200616	CAMSAP1	0.00218012	0.284852	1.20295	1.20295	0.0944453	1.35768	1.35768	0.128131	0.760649	-1.31467	0.143551	1.29878	1.29878	0.0165544	0.614528	-1.62726	0.0121167	0.594007	-1.68235	0.00031262	0.378251	-2.64374	0.0255355	1.55484	1.55484	0.0287878	0.651228	-1.53556	5.40222	4.11977	0.389484	1
cg13588017	CAMSAP1	0.00491075	0.00831854	0.21735	2.11901	0.0289046	1.77342	1.77342	0.0165616	2.79009	1.79009	0.00390246	2.37286	2.37286	0.0777205	1.54659	1.54659	0.00520458	2.27062	2.27062	0.49313	0.856646	-1.16734	0.00711656	2.16666	2.16666	0.0108206	2.03776	2.03776	7.37904	5.78049	0.696325	1
cg13929271	CAMSAP1	0.00777067	0.1194444	1.67676	1.67676	0.00105801	4.39851	4.39851	0.00252602	3.60585	3.60585	0.0183728	2.39934	2.39934	0.216531	0.671801	-1.48854	0.0278613	2.2145	2.2145	0.249553	1.44501	1.44501	0.0212423	2.33293	2.33293	0.262676	1.42937	1.42937	6.40242	9.48826	1.31732	1
cg13765237	CAMSAP1	0.00067	0.56066	1.13506	1.13506	0.247779	0.891756	-1.12138	0.0168753	0.782608	-1.27778	0.0601332	0.988407	-1.01166	0.0109134	0.747477	-1.33764	0.0183191	1.30935	1.30935	0.00109601	1.52086	1.52086	7	7	2.420277	0.025898	-1.08003	6.01591	0.740461	0.123084	1
cg02802916	CAMSAP1	0.0253532	0.124673	0.672408	-1.48719	0.0775265	0.27188	0.27188	0.72337	0.918647	-1.08856	0.979555	1.00614	1.00614	0.00281701	0.374403	-2.67092	0.466162	1.1937	1.1937	0.0919949	1.00241	1.00241	0.511875	1.17215	1.17215	0.0449106	0.831801	1.20221	4.33601	3.91471	0.802521	1
cg14020379	CAMSAP1	0.0256728	0.9415903	1.0113	1.0113	0.531229	0.907344	-1.10212	0.275098	0.840231	-1.19015	0.289583	1.18355	1.18355	0.00161112	0.499022	-2.00031	0.377666	1.0239	1.0239	0.0270447	1.49376	1.49376	0.0956708	0.755339	-1.32391	0.7550114	1.04916	1.04916	4.317121	1.60697	0.330874	1
cg14395897	CAMSAP1	0.0150436	0.1015378	1.31274	1.31274	0.0149448	1.35691	1.35691	0.0134903	1.932681	-1.05277	0.0215141	0.754648	-1.31845	0.0001.7E-05	0.208287	-4.80144	0.0205266	1.75932	1.75932	0.0202547	1.95382	1.95382	1.16528	1.16528	0.0694915	0.482658	-2.34215	3.86539	10.7559	2.78717	17.5193	12.7405	20.81842	1
cg13932375	CAMSAP1	0.0367667	?	?	?	0.97199	0.984027	-1.01623	0.866026	0.925482	-1.08051	?	?	?	0.0911158	0.42596	-2.34764	0.0567067	2.68891	2.68891	0.024123	0.291333	-3.4325	0.537599	0.751077	-1.33142	0.0112485	0.233097	-4.29006	0.93583	10.1962	2.96071	1
cg07784653	CAMSAP1	1.44E-05	0.2640331	-1.15203	0.1550244	1.56227	0.156227	0.2018756	0.1.4E-05	0.2.7E-05	0.270316	0.884591	1.03042	1.03042	0.0.7E-05	0.675649	-1.48006	0.0.7E-05	0.188519	1.54077	0.929402	1.07.6E-05	0.123523	1.3477	1.3477	0.127409	0.741256	-1.34906	0.556875	0.807698	-1.23896	1.554267	0.231497	0.04613	1
cg13563732	CAMSAP1	0.047101	0.418578	1.1844	1.1844	0.00332643	1.26681	1.26681	0.163071	1.3564	1.3564	0.422502	0.845566	-1.18264	0.576513	0.890901	-1.12246	0.389668	1.1978	1.1978	0.0612096	1.54017	1.54017	0.164276	1.35506	1.35506	0.142768	0.724319	-1.38061	3.465561	2.30096	0.590168	1
cg26229018	CAMSAP1	0.0160454	0.0002.7E-05	0.183691	-5.44311	0.0.7E-05	0.0.7E-05	0.1.4E-05	0.1.4E-05	0.1.4E-05	0.1.4E-05	0.1.4E-05	0.1.4E-05	0.1.4E-05	0.1.4E-05

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg19820248	CAMTA1	0.0210381	0.024616
cg21285926	CAMTA1	0.0212427	0.461454
cg26152704	CAMTA1	0.0257153	0.0610379
cg22392325	CAMTA1	0.0262249	0.852017
cg00783553	CAMTA1	0.0265877	0.026211
cg07605269	CAMTA1	0.0268365	0.303637
cg17816038	CAMTA1	0.0276319	0.368132
cg25132772	CAMTA1	0.0282683	0.0987894
cg09334731	CAMTA1	0.0291417	0.026638
cg03849780	CAMTA1	0.0308719	0.555802
cg13873655	CAMTA1	0.031266	0.694721
cg06830167	CAMTA1	0.0313911	0.0026228
cg10607745	CAMTA1	0.0321648	0.000968518
cg08033730	CAMTA1	0.0329509	0.0185579
cg20999755	CAMTA1	0.0349967	0.026038
cg10434624	CAMTA1	0.0351153	0.0281978
cg15484597	CAMTA1	0.0364168	0.0791862
cg25625600	CAMTA1	0.0375053	0.0694191
cg17079374	CAMTA1	0.0383413	0.0922532
cg12710648	CAMTA1	0.0391102	0.0804759
cg25202269	CAMTA1	0.0401265	0.595611
cg03580787	CAMTA1	0.0401443	0.0440289
cg04078418	CAMTA1	0.0405648	0.0863436
cg25763306	CAMTA1	0.0414411	0.739409
cg19864048	CAMTA1	0.0443316	0.981414
cg09276486	CAMTA1	0.0472623	0.862313
cg26677075	CAMTA1	0.0486811	0.628437
cg23287222	CAMTA1;CAMTA1	0.00872659	0.817198
cg06760068	CAMTA1;CAMTA1	0.0167194	0.860124
cg25349574	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.00102543	0.901405
cg09332309	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.00571919	0.0830458
cg05085101	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.00644613	0.00556158
cg19427746	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.0166328	0.895713
cg02990439	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.018458	0.0350564
cg16534505	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.0455392	0.128497
cg03443944	CAMTA2;CAMTA2;CAMTA2;CAMTA2;SPAG7	0.0162863	0.214336
cg06162746	CAND1	2.01E-06	0.0765541
cg11902557	CAND1	0.0102162	0.139985
cg11825675	CAND1	0.0235598	0.609636
cg17524854	CAND1	0.0262589	0.894599
cg02063925	CAND1;CAND1	0.00724133	0.462628
cg03181573	CAND2;CAND2	4.15E-05	2.71E-06
cg18678851	CAND2;CAND2	0.000242748	0.7578
cg04548463	CAND2;CAND2	0.000582217	0.00332229
cg11200930	CAND2;CAND2	0.00226638	0.0812589
cg01375976	CAND2;CAND2	0.0029169	0.0629018
cg12194939	CAND2;CAND2	0.0212028	0.201269
cg00351152	CAND2;CAND2	0.0231157	0.938101
cg22581219	CAND2;CAND2	0.0288761	0.563642
cg15730967	CAND2;CAND2	0.0371115	0.508718
cg04999441	CANT1;CANT1;CANT1	0.000235037	0.000308974
cg03162916	CANT1;CANT1;CANT1	0.000351191	0.000910245
cg23225637	CANT1;CANT1;CANT1	0.000427154	0.123302
cg23911097	CANT1;CANT1;CANT1	0.00155196	0.0828084
cg26055488	CANT1;CANT1;CANT1	0.00255604	0.114389
cg18186771	CANT1;CANT1;CANT1	0.00459748	0.00306461
cg03025013	CANT1;CANT1;CANT1	0.00952255	0.434613
cg01107741	CANT1;CANT1;CANT1	0.0143636	0.686641
cg12056772	CANT1;CANT1;CANT1	0.0286384	0.584472
cg06191068	CANT1;CANT1;CANT1	0.0346666	0.558515
cg10999136	CANT1;CANT1;CANT1	0.0455835	0.390821
cg21260850	CANT1;CANT1;CANT1;CANT1;CANT1;CANT1	0.000619745	0.526849
cg04652522	CANX;CANX	4.12E-05	6.13E-05
cg07831432	CANX;CANX	0.00340696	0.111708
cg05190557	CANX;CANX	0.00623174	0.00913354
cg10666364	CANX;CANX	0.0121209	0.085109
cg21883291	CANX;CANX	0.0213756	0.189664
cg14593053	CANX;CANX	0.0409262	0.0249243
cg20968010	CAP1;CAP1	0.000293307	0.434401
cg23639565	CAP1;CAP1	0.00585257	0.00149658
cg21410633	CAP1;CAP1	0.00933842	0.00602951
cg15672675	CAP1;CAP1	0.00980198	0.000410954
cg17013432	CAP1;CAP1	0.0127567	0.0337396
cg16219264	CAP1;CAP1	0.0127733	0.139154
cg26690232	CAP1;CAP1	0.0161035	0.073259
cg15568225	CAP1;CAP1	0.0293431	0.179264
cg06573088	CAP2	0.00396199	0.00155765
cg23036213	CAP2	0.0269398	0.0150674
cg21183536	CAP2	0.0347492	0.587043
cg05374569	CAP2	0.0396506	0.481859
cg06682978	CAP2	0.0431503	0.11092
cg25161092	CAPG	7.46E-05	0.0383016
cg10664272	CAPG	0.00191659	0.808351
cg26476820	CAPG	0.00790027	0.976381
cg19627006	CAPG;CAPG	0.00227373	0.0320877
cg12742785	CAPN1	9.49E-05	0.0152574
cg16697977	CAPN1	0.000745208	0.0183702
cg14596631	CAPN1	0.000999798	0.998069
cg19051815	CAPN1	0.00116929	0.254053
cg04962005	CAPN1	0.00175348	0.000341893
cg07710883	CAPN1	0.00344643	0.00780706
cg13762244	CAPN1	0.00419714	0.00293659
cg20138404	CAPN1	0.00556965	0.00354805
cg05033401	CAPN1	0.0064599	0.591156
cg24856234	CAPN1	0.0173874	0.951647
cg07139985	CAPN1	0.0204126	0.395867
cg03433669	CAPN1	0.0357949	0.207392
cg01570480	CAPN1	0.0362669	0.0219015
cg25363789	CAPN1	0.0466533	0.0430036
cg22057899	CAPN1	0.0477921	0.507952
cg11838475	CAPN10	0.00467957	0.816515
cg25599161	CAPN10	0.0219259	0.00189891
cg19456914	CAPN10;CAPN10;CAPN10;CAPN10	4.52E-05	0.304582
cg01422452	CAPN10;CAPN10;CAPN10;CAPN10	0.000133766	0.125762
cg04303908	CAPN10;CAPN10;CAPN10;CAPN10	0.00187614	0.0151506
cg05058234	CAPN10;CAPN10;CAPN10;CAPN10	0.00978632	0.601275
cg24767315	CAPN10;CAPN10;CAPN10;CAPN10	0.0256541	0.791091
cg25704749	CAPN10;CAPN10;CAPN10;CAPN10;CAPN10;CAPN10;CAPN10;CAPN10	0.0441552	0.945206
cg19172468	CAPN11	0.000124673	0.434452
cg15611112	CAPN11	0.00521931	0.0106406
cg22798503	CAPN11	0.00712651	0.364669
cg06432342	CAPN11	0.0411268	0.715356
cg26330321	CAPN12	0.000526094	0.0198166
cg13997759	CAPN12	0.00255035	0.00362297
cg15698196	CAPN12	0.0120426	0.0165033
cg26623753	CAPN12	0.0150461	0.0179496
cg14553549	CAPN13	0.000401352	5.84E-05
cg23550429	CAPN13	0.0140038	0.0056552
cg20423781	CAPN13	0.0254737	0.0678648
cg26471058	CAPN13;CAPN13	0.0453256	0.402057
cg15941014	CAPN14	0.00895896	0.327371
cg09599529	CAPN14	0.0099187	0.0489685
cg01627252	CAPN14	0.0149558	0.669772
cg15033552	CAPN2	0.000324236	0.000104707
cg00792251	CAPN2	0.00122863	0.00444171
cg20266715	CAPN2	0.003618	0.0017008
cg20686176	CAPN2	0.00556097	0.306972
cg19314866	CAPN2	0.0440434	0.179248
cg07395969	CAPN2;CAPN2	0.000215149	0.367388
cg14972271	CAPN2;CAPN2	0.000355825	0.00232572
cg01566170	CAPN2;CAPN2	0.00126456	0.0535064
cg18224445	CAPN2;CAPN2	0.00533066	0.461026
cg12129117	CAPN2;CAPN2	0.00747698	0.00816293
cg19318393	CAPN2;CAPN2	0.0085467	0.0281372
cg13573980	CAPN2;CAPN2	0.0104169	0.626923
cg13984169	CAPN2;CAPN2	0.0192753	0.00798047
cg08439122	CAPN2;CAPN2	0.0217747	0.118495
cg02923485	CAPN2;CAPN2	0.0240194	0.0832071
cg21617516	CAPN2;CAPN2	0.0272708	0.158466

Probeset ID	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19820248	0.563828	-1.77359	0.0293004	1.73266	1.73266	0.171287	0.732107	-1.36592	0.183137	0.739055	-1.35308	0.574014	1.1293	1.1293
cg21285926	1.22691	1.22691	0.491824	0.826595	-1.20978	0.518986	1.19522	1.19522	0.112734	1.60147	1.60147	0.000715697	0.245356	-4.07572
cg26152704	0.448482	-2.22974	0.0164256	0.328317	-3.04584	0.116121	0.522766	-1.9129	0.0924302	2.02067	2.02067	0.00561084	0.251283	-3.97957
cg22392325	0.963151	-1.03826	0.592418	1.11477	1.11477	0.0088615	0.511822	-1.95381	0.786232	1.05618	1.05618	0.0159857	0.552657	-1.80944
cg00783553	22.5372	22.5372	0.0176049	30.3132	30.3132	0.0932326	8.85633	8.85633	0.113422	7.65058	7.65058	0.413863	0.372801	-2.68239
cg07605269	0.55254	-1.80982	0.00388189	0.114706	-8.71794	0.0469045	0.281796	-3.54867	0.79627	0.865838	-1.15495	0.0418435	0.270887	-3.69158
cg17816038	0.796037	-1.25622	0.462056	0.831315	-1.20291	0.00722646	0.425133	-2.35221	0.296337	0.765521	-1.3063	0.120325	0.659821	-1.51556
cg25132772	0.68901	-1.45136	0.185763	0.749206	-1.33475	0.0020896	0.410181	-2.43795	0.96172	1.00993	1.00993	0.00755998	0.493028	-2.02828
cg09334731	0.248897	-4.01773	0.0244445	0.241899	-4.13397	0.0237314	0.239529	-4.17485	0.975312	0.983752	-1.01652	0.0143697	0.202404	-4.9406
cg03849780	1.18593	1.18593	0.0516124	0.530449	-1.88519	0.0336624	0.491622	-2.03409	0.940173	0.978747	-1.02171	0.00836524	0.381251	-2.62294
cg13873655	0.921737	-1.08491	0.00533635	0.468439	-2.13475	0.00237961	0.416777	-2.39936	0.54259	0.880425	-1.13582	0.46222	0.856728	-1.16723
cg06830167	0.182153	-5.4899	0.69541	0.851422	-1.17451	0.0464996	0.393734	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10607745	0.247893	-4.03399	0.478258	1.22721	1.22721	0.362989	0.766809	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08033730	0.629195	-1.58933	0.0176089	1.59795	1.59795	0.946695	1.01091	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20999755	0.451148	-2.21657	0.79	0.922718	-1.08376	0.0891114	0.568366	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10434624	0.578876	-1.72749	0.448369	0.849604	-1.17702	0.611027	0.897448	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15484597	0.308665	-3.23975	0.00425441	0.0995205	-10.0482	0.0780022	0.306917	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25625600	0.496831	-2.01276	0.248286	0.6599	-1.51538	0.198766	0.626444	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17079374	0.257679	-3.8808	0.00318307	0.0524681	-19.0592	0.00871645	0.086666	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12710648	0.218762	-4.57117	0.0016886	0.0296733	-33.7003	0.0174834	0.10358	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25202269	1.19373	1.19373	0.318873	1.40575	1.40575	0.197623	0.637484	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03580787	0.333482	-2.99866	0.21259	0.536319	-1.86456	0.0779418	0.394719	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19820248	0.0433096	1.64473	1.64473	0.0285685	0.575198	-1.73853	0.0726617	0.651345	-1.53529	0.234056	1.30612	1.30612	4.62416	3.35646	0.645202	1
cg21285926	0.173841	1.48388	1.48388	0.686075	1.11721	1.11721	0.280828	0.736563	-1.35766	0.4323	1.24433	1.24433	4.6089	5.43095	1.04743	1
cg26152704	0.951649	0.977231	-1.0233	0.0793325	0.477201	-2.09555	0.399766	1.38738	1.38738	0.11974	0.526663	-1.89875	4.31463	9.85885	2.0311	1
cg22392325	0.342684	1.21719	1.21719	0.00700998	0.496093	-2.01575	0.0966903	0.693065	-1.44287	0.428733	1.17636	1.17636	4.28515	2.74333	0.569061	1
cg00783553	0.351495	3.1038	3.1038	0.039635	16.6191	16.6191	0.00497732	80.7601	80.7601	0.0196363	27.9337	27.9337	4.26461	94.2414	19.6431	1
cg07605269	0.0431738	0.273835	-3.65183	0.0145426	0.187124	-5.34404	0.00931246	0.159334	-6.27612	0.405785	0.622774	-1.60572	4.25071	20.8713	4.36452	1
cg17816038	0.334404	0.782187	-1.27847	0.00158725	0.326709	-3.06083	0.659932	0.896495	-1.11546	0.0168461	0.48695	-2.0536	4.20734	4.05743	0.857218	1
cg25132772	0.111722	0.700137	-1.42829	0.0334892	0.599753	-1.66735	0.696907	0.922606	-1.08389	0.0923058	0.682975	-1.46418	4.17373	2.79962	0.596242	1
cg09334731	0.413123	0.642152	-1.55726	0.0130164	0.19571	-5.1096	0.0305958	0.260571	-3.83772	0.027745	0.252277	-3.96389	4.12911	18.3262	3.94516	1
cg03849780	0.390457	0.777363	-1.2864	0.0187101	2.26038	2.26038	0.524246	1.20286	1.20286	0.51849	0.829162	-1.20604	4.04539	5.24793	1.15312	1
cg13873655	0.613866	1.11085	1.11085	0.868989	0.966467	-1.0347	0.385232	0.831991	-1.20194	0.237561	1.2913	1.2913	4.02714	2.7229	0.601011	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13195218	CAPN2;CAPN2	0.0354392	0.434622	1.08987	1.08987	0.71832	0.961653	-1.03988	0.704776	1.04195	1.04195	0.0142447	0.721545	-1.38592	0.237758	1.14283	1.14283
cg00779797	CAPN2;CAPN2	0.0365433	0.118889	0.48524	-2.06083	0.665056	0.830199	-1.20453	0.464787	1.37414	1.37414	0.0144857	0.276101	-3.62187	0.00816766	0.235474	-4.24676
cg06756211	CAPN2;CAPN2	0.0408938	0.0651864	11.9247	11.9247	0.0884351	9.49223	9.49223	0.051672	14.1752	14.1752	0.193205	5.19937	5.19937	0.351611	3.15096	3.15096
cg22697825	CAPN2;CAPN2	0.0431947	0.0637714	0.481383	-2.07735	0.272026	0.669565	-1.49351	0.298789	0.685351	-1.45911	0.228187	0.641634	-1.55852	0.0198844	0.372995	-2.681
cg21167643	CAPN2;CAPN2	0.0464395	0.0813622	4.40816	4.40816	0.0666831	4.84915	4.84915	0.029924	7.1093	7.1093	0.163217	3.13541	3.13541	0.701755	0.744192	-1.34374
cg24047802	CAPN2;CAPN2	0.0468365	0.061717	4.11954	4.11954	0.031018	5.49311	5.49311	0.0540857	4.35326	4.35326	0.242699	2.27632	2.27632	0.616904	1.404	1.404
cg26221105	CAPN2;CAPN2	0.0496087	0.0324765	0.252859	-3.95477	0.0104665	0.170351	-5.87022	0.0148468	0.192827	-5.18598	0.0597745	0.311401	-3.21129	0.0774002	0.340192	-2.93952
cg11427177	CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3	0.00406919	0.051366	0.58242	-1.71697	0.737811	0.921393	-1.08531	0.363281	0.79638	-1.25568	0.0262207	0.525932	-1.90139	8.27E-05	0.177705	-5.62731
cg15021759	CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3	0.0495626	0.157152	0.788529	-1.26818	0.0232261	1.5312	1.5312	0.720988	0.945241	-1.05793	0.847639	1.03067	1.03067	0.0563264	0.712224	-1.40405
cg20309061	CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3	0.000203228	1.96E-05	0.187192	-5.34211	0.534599	0.885386	-1.12945	0.0375575	0.626867	-1.59524	0.0273512	0.603326	-1.65748	0.0113697	0.541552	-1.84655
cg18425651	CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3	0.0216837	0.126183	1.21817	1.21817	0.052726	1.30036	1.30036	0.120828	1.2222	1.2222	0.804985	0.970926	-1.02994	0.44317	0.910963	-1.09774
cg21670405	CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3	0.0325491	0.429764	0.884932	-1.13003	0.354743	0.865547	-1.15534	0.0516121	0.714625	-1.39934	0.621603	1.07838	1.07838	0.0968399	0.758488	-1.31841
cg25583367	CAPN3;GANC;CAPN3;CAPN3	0.000434219	0.198984	0.705774	-1.41688	0.571938	0.863609	-1.15793	0.193088	1.42421	1.42421	6.41E-05	0.151573	-6.59748	2.72E-05	0.119394	-8.37566
cg19164997	CAPN5	0.000241698	0.716369	0.943024	-1.06042	0.966366	0.993243	-1.0068	0.00212802	0.499535	-2.00186	0.77609	0.955188	-1.04691	0.000129386	0.343232	-2.91349
cg24994611	CAPN5	0.000356087	0.461702	0.837175	-1.19449	0.226111	1.35185	1.35185	0.0388429	0.567043	-1.76353	0.617423	0.887413	-1.12687	0.335639	1.26553	1.26553
cg13916398	CAPN5	0.00038104	0.00365209	0.489918	-2.04116	0.00489708	0.508276	-1.96743	0.0353638	1.56	1.56	0.593508	1.10272	1.10272	0.00329093	0.483467	-2.06839
cg10548968	CAPN5	0.000456638	0.0022679	0.645511	-1.54916	0.73414	0.965664	-1.03556	8.75E-05	0.48633	-2.05622	0.000959615	0.604046	-1.6555	0.37368	0.91065	-1.09812
cg07012062	CAPN5	0.00476988	0.00771959	0.437449	-2.28598	0.592171	0.87754	-1.13955	0.0010182	0.308199	-3.24466	0.651684	0.89603	-1.11603	0.000466587	0.264673	-3.77824
cg03449125	CAPN5	0.00531788	0.00319904	0.18483	-5.41038	0.00575494	0.219097	-4.56419	0.0267995	0.332703	-3.00568	0.0130619	0.274814	-3.63883	0.0100588	0.255967	-3.90675
cg09925428	CAPN5	0.0085998	0.553369	1.24772	1.24772	0.522838	1.27003	1.27003	0.296354	1.49133	1.49133	0.867435	0.9402	-1.0636	0.000116708	0.0827767	-12.0807
cg15225779	CAPN5	0.0227162	0.930121	1.02429	1.02429	0.739166	0.912618	-1.09575	0.179628	0.677046	-1.477	0.70146	0.899962	-1.11116	0.0146423	0.43934	-2.27614
cg25948980	CAPN5	0.0422775	0.86325	1.04696	1.04696	0.317446	1.31666	1.31666	0.0145188	2.22902	2.22902	0.151471	0.664228	-1.50551	0.127988	0.645298	-1.54967
cg24414039	CAPN5;CAPN5	0.0191087	0.654755	0.88922	-1.12458	0.0891831	1.63061	1.63061	0.254025	1.3644	1.3644	0.898239	1.03394	1.03394	0.546539	0.852848	-1.17254
cg20871509	CAPN5;OMP	0.00238027	0.619324	0.890512	-1.12295	?	?	?	0.279293	1.29749	1.29749	0.951791	0.986099	-1.0141	0.9528	1.0138	1.0138
cg13885609	CAPN5;OMP	0.0441314	0.0775629	0.616255	-1.6227	0.889423	0.966256	-1.03492	0.0664494	0.601761	-1.66179	0.804631	0.940677	-1.06306	0.00299177	0.36613	-2.73127
cg01307615	CAPN6	0.00537706	0.210823	1.46944	1.46944	0.032918	0.482723	-2.07158	0.0656612	0.547152	-1.82765	0.0421543	0.504895	-1.98061	0.000257371	0.172682	-5.79099
cg25972680	CAPN6	0.0141175	0.183989	1.52139	1.52139	0.0662119	0.541463	-1.84685	0.121569	0.606702	-1.64825	0.720654	0.898611	-1.11283	0.000390307	0.185781	-5.38269
cg13145750	CAPN6	0.0246029	0.0118578	0.243435	-4.10787	0.0126014	0.247775	-4.03591	0.194989	0.539808	-1.85251	0.0185327	0.276831	-3.61231	0.021031	0.286968	-3.48471
cg00785877	CAPN6	0.045752	0.39136	1.3576	1.3576	0.398933	1.35071	1.35071	0.041084	0.440204	-2.27167	0.018338	0.369206	-2.70851	0.0140362	0.347932	-2.87412
cg02313130	CAPN8	0.00610832	0.914246	1.03607	1.03607	0.0388603	0.45528	-2.19645	0.00186272	0.234004	-4.27343	0.680428	0.872617	-1.14598	0.00692285	0.316686	-3.15771
cg09992376	CAPN8	0.00855957	0.553925	0.863872	-1.15758	0.0823638	1.60047	1.60047	0.255758	0.748297	-1.33637	0.396245	1.23655	1.23655	0.00835339	0.438805	-2.27892
cg21446172	CAPN8	0.0121213	0.612314	0.835779	-1.19649	0.000740864	0.165559	-6.04014	0.0140671	0.345044	-2.89818	0.356159	0.716661	-1.39536	0.11859	0.551715	-1.81253
cg09060908	CAPN8	0.0165914	0.0232198	0.476217	-2.09988	0.202555	0.697299	-1.4341	0.0225942	0.473884	-2.11022	0.193431	0.691475	-1.44618	0.0293623	0.496604	-2.01368
cg23251790	CAPN8	0.0204056	0.366178	0.771375	-1.29639	0.540524	0.840938	-1.18915	0.0392351	0.513232	-1.94844	0.0231557	0.46808	-2.13639	0.00563835	0.362123	-2.76149
cg01394349	CAPN8	0.02161	0.335554	0.589504	-1.69634	0.101949	0.385703	-2.59267	0.0071266	0.157291	-6.35763	0.196638	2.06788	2.06788	0.00351976	0.121721	-8.21551
cg15119640	CAPN8	0.0288106	0.123529	0.498417	-2.00635	0.00535269	0.216292	-4.62338	0.00509061	0.213229	-4.68979	0.80546	1.10849	1.10849	0.0192078	0.306519	-3.26244
cg20412955	CAPN9;CAPN9	2.91E-06	0.555452	0.961089	-1.04049	0.00695169	1.26163	1.26163	0.98291	0.998576	-1.00143	0.204145	0.914678	-1.09328	4.63E-08	0.281094	-3.55752
cg12410939	CAPN9;CAPN9	0.000110379	0.000136681	0.155193	-6.44358	0.000608433	0.22503	-4.44385	0.000418813	0.206129	-4.85134	0.000428323	0.207238	-4.82537	0.00109567	0.256776	-3.89444
cg26548095	CAPN9;CAPN9	0.00182564	9.84E-05	0.154349	-6.47881	0.666334	0.889416	-1.12433	0.00982922	0.414119	-2.41477	0.188855	1.45654	1.45654	0.122169	0.635991	-1.57235
cg05712010	CAPN9;CAPN9	0.00351017	0.0593236	0.525673	-1.90232	0.506223	1.22598	1.22598	0.619634	1.16317	1.16317	0.658729	0.874356	-1.1437	5.10E-05	0.101031	-9.89799
cg24435244	CAPN9;CAPN9	0.0204838	0.074168	1.45344	1.45344	0.441323	0.862817	-1.15899	0.722476	0.935181	-1.06931	0.0106744	1.82792	1.82792	0.00460035	0.492236	-2.03155
cg11545949	CAPNS1;CAPNS1	0.0121538	0.145111	0.466632	-2.14302	0.177801	0.498364	-2.00657	0.327625	0.613108	-1.63103	0.000306466	0.0466631	-21.4302	0.493274	1.39934	1.39934
cg20717845	CAPNS1;CAPNS1	0.0137946	0.876706	0.980719	-1.01966	0.0101981	1.50112	1.50112	0.96843	1.00498	1.00498	0.0973736	0.796032	-1.25623	0.263372	0.863974	-1.15744
cg10204053	CAPNS1;CAPNS1	0.0180617	0.0999394	0.767582	-1.30279	0.440082	0.890893	-1.12247	0.352748	1.15062	1.15062	0.113106	0.776458	-1.2879	0.634181	0.932078	-1.07287
cg22869224	CAPNS1;CAPNS1	0.0383683	0.508122	1.09519	1.09519	0.338747	1.14288	1.14288	0.0456334	0.733157	-1.36396	0.345949	1.14049	1.14049	0.00983909	0.642814	-1.55566
cg20731533	CAPNS1;CAPNS1;CAPNS1;CAPNS1	0.0252963	0.981488	0.995731	-1.00429	0.594624	0.905712	-1.1041	0.117698	1.36791	1.36791	0.0743302	0.693059	-1.44288	0.0108878	1.80298	1.80298
cg16614638	CAPRIN1;CAPRIN1	0.00222225	0.31749	0.930872	-1.07426	0.0568803	1.16113	1.16113	0.251902	1.08651	1.08651	0.45682	1.05394	1.05394	0.530572	1.04502	1.04502
cg08882250	CAPRIN1;CAPRIN1	0.0106631	0.0104181	0.275244	-3.63313	0.0281976	0.354682	-2.81943	0.341536	0.675703	-1.47994	0.0588107	0.425859	-2.3482	0.00201629	0.175092	-5.71128
cg03445474	CAPRIN1;CAPRIN1	0.0120693	0.378242	0.838762	-1.19223	0.0258759	0.597813	-1.67277	0.00113879	0.394268	-2.53635	0.0780099	0.683276	-1.46354	0.844389	1.03896	1.03896
cg03936072	CAPRIN1;CAPRIN1	0.0168949	0.380158	0.804378	-1.2432	0.639024	1.12102	1.12102	0.421376	0.819865	-1.21971	0.662055	0.899116	-1.11221	0.264781	0.754995	-1.32451
cg02021895	CAPRIN1;CAPRIN1	0.0394953	0.0518458	0.745483	-1.34141	0.165984	1.21666	1.21666	0.00678625	1.59318	1.59318	0.586142	0.929619	-1.07571	0.0631181	0.75768	-1.31982
cg16218377	CAPRIN1;CAPRIN1;CAPRIN1;CAPRIN1	0.00123306	0.16792	1.43224	1.43224	0.624988	1.12797	1.12797	0.933309	1.02067	1.02067	0.0354713	0.549646	-1.81935	5.45E-05	0.159192	-6.28172
cg23733795	CAPRIN2;CAPRIN2;CAPRIN2	0.000127433	0.413886	0.91043	-1.09838	0.0140608	0.711354	-1.40577	0.0514298	1.28291	1.28291	0.0255107	0.742165	-1.34741	9.19E-06	0.340493	-2.93692
cg00400102	CAPRIN2;CAPRIN2;CAPRIN2;CAPRIN2;CAPRIN2;CAPRIN2	0.0262275	0.249298	1.2019	1.2019	0.00331889	1.84175	1.84175	0.00510923	1.7596	1.7596	0.125491	0.776274	-1.2882	0.8547	0.972391	-1.02839
cg05478348	CAPRIN2;CAPRIN2;CAPRIN2;CAPRIN2;CAPRIN2;CAPRIN2	0.0335845	0.108038	0.735963	-1.35876	0.0494971	1.47976	1.47976	0.0732114	1.41809	1.41809	0.327003	0.837848	-1.19353	0.0673218	0.698756	-1.43111
cg17152740	CAPS2	8.64E-05	0.119318	1.55637	1.55637	0.841444	0.948934	-1.05381	0.00181892	0.313521	-3.18958	0.693658	1.10916	1.10916	0.42425	1.23808	1.23808
cg25749982	CAPS2	0.000350181	0.0234098	0.669727	-1.49315	0.00053692	0.450584	-2.21934	0.0253136	0.674611	-1.48234	0.0395766	0.703035	-1.4224	0.534083	0.910995	-1.0977
cg11254602	CAPS2	0.000536583	0.00831018	0.618198	-1.6176	2.66E-05	3.26544	3.26544	0.00245418	1.82335	1.82335	0.197608	0.823536	-1.21428	0.0323171	0.69956	-1.42947
cg23652770	CAPS2	0.00120724	0.185775	0.86302	-1.15872	0.000596001	1.7445	1.7445	0.0454108	0.785871	-1.27247	0.0190296	0.742241	-1.34727	0.00200588	0.632656	-1.58064
cg04395822	CAPS2	0.00127796	0.095942	1.19728	1.19728	3.14E-05	0.449646	-2.22397	0.261499	0.891091	-1.12222	0.522031	0.938099	-1.06599	0.0215206	0.761933	-1.31245
cg10472288	CAPS2	0.0016501	6.22E-05	0.145208	-6.88669	0.216739	0.711884	-1.40472	0.396204	0.796787	-1.25504	0.00289986	0.342855	-2.91668	0.00218784	0.325159	-3.07542
cg05130406	CAPS2	0.00236083	0.0647272	1.52226	1.52226	0.288792	1.24986	1.24986	0.393524	1.19366	1.19366	0.110424	1.42239	1.42239	0.429951	1.17725	1.17725
cg20325092	CAPS2	0.00292404	0.652061	0.918163	-1.08913	0.678687	0.924632	-1.08151	0.976653	1.00552	1.00552	0.873795	0.970541	-1.03035	0.100678	0.713033	-1.40246
cg26524387	CAPS2	0.00904811	0.126522	0.805581	-1.24134	0.0988447	0.789231	-1.26706	0.0461858	0.741723	-1.34821	0.00587114	0.624007	-1.60255	0.217637	0.843971	-1.18488
cg15659537	CAPS2	0.0107759	0.0885847	0.487572	-2.05098	0.00845529	0.276482	-3.61687	0.00134343	0.168388	-5.93866	0.16494	0.567554	-1.76195	0.00310407	0.212892	-4.69722
cg20003635	CAPS2	0.0145541	0.0675555	0.435996	-2.2936	0.627551	0.820227	-1.21917	0.168749	0.551906	-1.8119	0.119225	0.503914	-1.98446	0.00103398	0.139458	-7.17062
cg00359110	CAPS2	0.0213551	0.00226379	3.37971	3.37971	0.142609	1.56714	1.56714	0.563968	1.1809	1.1809	0.0516543	1.8802	1.8802	0.221714	0.693408	-1.44215
cg13545089	CAPS;CAPS	6.12E-07	0.233195	1.14073	1.14073	0.020913	1.34009	1.34009	0.000778309	0.585374	-1.70831	0.612198	0.947576	-1.05532	5.53E-09	0.0720671	-13.876
cg16992787	CAPS;CAPS	0.00167216	0.439952	0.855869	-1.1684	0.0212583	0.578601	-1.72831	0.000928	0.376401	-2.65674	0.121978	0.71803	-1.3927	5.39E-05	0.22583	-4.42811
cg07535740	CAPS;CAPS	0.0190103	0.549211	1.14583	1.14583	0.0251443	0.549781	-1.8189	0.242723	0.759868	-1.31602	0.0232345	1.83928	1.83928	0.0136905	0.504178	-1.98343
cg07741805	CAPSL;CAPSL	7.79E-05	0.000172575	0.164975	-6.06152	0.000379925	0.201224	-4.96959	0.794423	1.07655	1.07655	0.0241102	0.467808	-2.13763	1.86E-05	0.0851593	-11.7427
cg14469019	CAPSL;CAPSL	0.000239041	0.56023	1.07293	1.07293	0.462016	0.914408	-1.0936	0.0854543	1.25508	1.25508	0.0803231	0.793078	-1.26091	1.26E-05	2.99865	2.99865
cg13894535	CAPSL;CAPSL	0.000445706	0.000143108	0.112114	-8.91951	0.211516	0.64443	-1.55176	0.000349834	0.146814	-6.81132	0.00128631	0.208806	-4.78914	0.00154617	0.218727	-4.57192
cg09142144	CAPSL;CAPSL	0.00534327	0.00187884	0.201335	-4.96685	0.890408	0.951111	-1.0514	0.00332013	0.233695	-4.27908	0.317971	1.45543	1.45543	0.251816	1.54538	1.54538
cg18511008	CAPSL;CAPSL	0.0094356	0.00905084	0.187072	-5.34553	0.00522125	0.155359	-6.43671	0.0145007	0.218308	-4.58069	0.0918915	0.391565	-2.55385	0.102293	0.405166	-2.46812
cg15674129	CAPSL;CAPSL	0.0148982	0.212974	0.767799	-1.30242	0.169621	0.744734	-1.34276	0.411057	1.18452	1.18452	0.0115761	0.529416	-1.88887	0.695332	1.08252	1.08252
cg10994379	CAPSL;CAPSL	0.0209369	0.00314433	0.311222	-3.21314	0.42198	0.788845	-1.26768	0.61736	0.864464	-1.15679	0.254443	0.708865	-1.41071	0.010377	0.393209	-2.54318
cg02273827	CAPSL;CAPSL;CAPSL	0.000762007	0.0200871	0.433216	-2.30832	0.717992	0.897473	-1.11424	0.800578	0.927285	-1.07842	0.422856	1.27657	1.27657	3.14E-05	0.0888948	-11.2493
cg24202119	CAPSL;CAPSL;CAPSL	0.0268687	0.450798	0.726964	-1.37558	0.338474	1.50605	1.50605	0.907355	0.952833	-1.0495	0.260709	0.614565	-1.62717	0.00550853	0.219966	-4.54616
cg21828233	CAPZA1	0.0460683	0.0326955	0.314638	-3.17825	0.220465	0.550981	-1.81495	0.156515	0.495959	-2.0163	0.412596	0.678686	-1.47344	0.0196835	0.271548	-3.68259
cg02661426	CAPZA1;ST7L;ST7L;ST7L;ST7L	0.00422739	0.0899874	1.26608	1.26608	0.00475521	0.62295	-1.60527	0.102551	0.798093	-1.25299	0.179968	0.835457	-1.19695	0.714256	0.954636	-1.04752
cg03503114	CAPZA1;ST7L;ST7L;ST7L;ST7L;ST7L;ST7L;ST7L;ST7L	0.00589606	0.00129424	0.598398	-1.67113	0.15193	0.84523	-1.18311	0.041353	1.29403	1.29403	0.863842	1.01898	1.01898	0.4278	0.915132	-1.09274
cg27548142	CAPZA2	7.24E-05	0.493879	0.901596	-1.10914	1.10E-05	0.247758	-4.03619	2.48E-05	0.286509	-3.4903	0.011232	1.60579	1.60579	0.000481761	0.442019	-2.26234
cg13155059	CAPZA2	0.00127249	0.0057196	0.606827	-1.64792	0.230875	1.18919	1.18919	0.000121943	2.52128	2.52128	0.157346	1.23179	1.23179	0.628804	1.06946	1.06946
cg25683101	CAPZA2	0.00388969	0.0036597	0.606627	-1.64846	0.0430355	1.34462	1.34462	0.680376	1.0541	1.0541	0.607966	1.06802	1.06802	0.0221688	0.705541	-1.41735
cg12669355	CAPZA2	0.00854749	0.0290572	0.370798	-2.69689	0.560047	0.796726	-1.25514	0.0114509	0.295197	-3.38757	0.139302	0.541422	-1.84699	0.0169998	0.325528	-3.07193
cg16273909	CAPZA2	0.0159925	0.01362	0.20473	-4.88449	0.329955	0.593072	-1.68614	0.0403364	0.292058	-3.42398	0.10638	0.399995	-2.50003	0.0125584	0.199246	-5.01892
cg06541783	CAPZA2	0.0336218	0.636153	1.09964	1.09964	0.00447722	0.469807	-2.12853	0.0105019	0.526337	-1.89992	0.944162	0.986136	-1.01406	0.400592	1.18707	1.18707
cg25573386	CAPZA3;PLCZ1	0.0281912	0.392951	0.744915	-1.34244	0.170425	1.63439	1.63439	0.0301541	0.42403	-2.35832	0.124195	0.571092	-1.75103	0.00522003	0.289352	-3.456
cg00968167	CAPZB	0.000255544	0.017272	0.542117	-1.84462	0.00030166	0.289241	-3.45733	0.447688	0.849283	-1.17746	0.0099926	1.98706	1.98706	0.812535	1.05143	1.05143
cg24439190	CAPZB	0.00103203	0.000619311	0.302119	-3.30995	0.659251	0.910378	-1.09844	0.16932	1.36691	1.36691	0.293428	1.26072	1.26072	5.10E-05	0.167669	-5.96414
cg25839439	CAPZB	0.00130397	0.576443	0.898327	-1.11318	0.00271078	2.19681	2.19681	0.0333944	1.60372	1.60372	0.299957	1.22641	1.22641	0.612322	0.907469	-1.10197
cg12763668	CAPZB	0.00151169	0.559627	1.11337	1.11337	0.717906	1.06827	1.06827	0.0298333	0.627921	-1.59256	0.0879193	0.709748	-1.40895	6.88E-05	0.265926	-3.76044
cg10981111	CAPZB	0.0020224	0.000911328	0.43415	-2.30335	0.279749	0.827733	-1.20812	0.00304906	1.97953	1.97953	0.0424441	0.674907	-1.48168	0.0520932	0.689507	-1.45031
cg14614792	CAPZB	0.00398772	0.198215	1.8426	1.8426	0.0622657	2.56841	2.56841	0.00411946	5.63718	5.63718	0.275924	0.600861	-1.66428	0.128393	0.47775	-2.09315
cg27331277	CAPZB	0.00492585	0.52823	1.09961	1.09961	0.22578	0.827766	-1.20807	0.000684396	0.462641	-2.1615	0.322731	1.16391	1.16391	0.869103	1.02481	1.02481
cg01071440	CAPZB	0.00838744	0.568808	1.13629	1.13629	0.159743	0.716559	-1.39556	0.0293755	1.76697	1.76697	0.549631	1.14374	1.14374	0.0250441	0.553541	-1.80655
cg21410100	CAPZB	0.0100397	0.0434684	0.479995	-2.08335	0.783401	0.916583	-1.09101	0.107835	1.74132	1.74132	0.108896	1.73791	1.73791	0.00232348	0.260695	-3.83589
cg24671886	CAPZB	0.0138377	0.00986298	0.192802	-5.18666	0.074537	0.366854	-2.72588	0.140894	0.449595	-2.22422	0.0629785	0.34792	-2.87422	0.0359508	0.291824	-3.42673
cg11335264	CAPZB	0.0138832	0.14262	1.5982	1.5982	0.00786642	2.75819	2.75819	0.389742	1.29983	1.29983	0.828332	1.06675	1.06675	0.137317	1.60987	1.60987
cg04124888	CAPZB	0.0156683	0.0122032	0.547718	-1.82576	0.0469588	0.64509	-1.55017	0.837555	1.04037	1.04037	0.0560778	0.658941	-1.51759	0.00159145	0.417469	-2.39539
cg15136975	CAPZB	0.0215458	0.732701	1.10491	1.10491	0.00914976	2.6203	2.6203	0.0443704	1.9581	1.9581	0.11691	1.64158	1.64158	0.0938556	1.70933	1.70933
cg19713429	CAPZB	0.0222703	0.0269049	0.357469	-2.79745	0.321152	1.49529	1.49529	0.630718	1.20939	1.20939	0.189481	1.72554	1.72554	0.00562087	0.240081	-4.16527
cg23711554	CAPZB	0.0250051	0.0263669	0.445574	-2.2443	0.0825279	0.554161	-1.80453	0.0979048	0.572723	-1.74605	0.842566	0.940784	-1.06294	0.00109387	0.227977	-4.3864
cg09976716	CAPZB	0.0426155	0.238614	1.37924	1.37924	0.00819696	2.41386	2.41386	0.64174	0.885092	-1.12983	0.444576	1.22511	1.22511	0.022765	0.491614	-2.03412
cg15168995	CARD10	0.000117709	0.751032	0.945592	-1.05754	2.87E-05	0.235913	-4.23886	0.000641895	0.398204	-2.51128	0.0488941	0.673503	-1.48477	0.000113854	0.304038	-3.28906
cg13797282	CARD10	0.0012746	0.5042	0.893207	-1.11956	0.00112258	0.449664	-2.22388	0.127703	0.760003	-1.31578	0.0139473	0.602884	-1.65869	0.0140455	0.603337	-1.65745
cg25459170	CARD10	0.00140277	0.223949	1.18946	1.18946	0.00325159	1.72456	1.72456	0.0900808	0.775931	-1.28877	0.198943	0.831657	-1.20242	0.000308211	0.451386	-2.2154
cg04277677	CARD10	0.00326528	0.014758	0.35054	-2.85275	0.00025622	0.12206	-8.19266	0.118848	0.553547	-1.80653	0.0202276	0.375962	-2.65984	0.00500525	0.273222	-3.66003
cg00265788	CARD10	0.00406916	0.686093	0.934371	-1.07024	0.000565326	0.409574	-2.44156	0.0169747	0.614841	-1.62644	0.0072868	0.560913	-1.78281	0.00168108	0.472252	-2.11752
cg14561229	CARD10	0.0115689	?	?	?	0.831382	0.886553	-1.12796	0.164457	0.432734	-2.31089	0.0332636	4.07646	4.07646	0.860206	0.905248	-1.10467
cg22506059	CARD10	0.032721	0.295369	1.97681	1.97681	0.0019597	15.6261	15.6261	0.00331856	12.3195	12.3195	0.405923	1.70569	1.70569	0.77395	0.834563	-1.19823
cg08404546	CARD10	0.0422646	0.481016	1.28106	1.28106	0.00182299	4.62776	4.62776	0.0899689	1.90839	1.90839	0.178896	1.63851	1.63851	0.583978	0.82595	-1.21073
cg05066722	CARD11	0.000248467	0.645824	0.92333	-1.08304	0.0904156	0.72497	-1.37937	0.187871	0.786183	-1.27197	0.0232194	0.626431	-1.59635	7.71E-06	0.18406	-5.43302
cg03534655	CARD11	0.000511106	0.0172011	0.785712	-1.27273	0.0379409	1.22131	1.22131	0.479807	1.06149	1.06149	0.00236154	0.703028	-1.42242	3.64E-05	0.516513	-1.93606
cg21516162	CARD11	0.000670003	0.00448086	2.31367	2.31367	0.0669176	1.57558	1.57558	0.00698601	0.461975	-2.16462	0.00942412	2.07183	2.07183	0.000142368	0.234097	-4.27173
cg02617727	CARD11	0.000870626	0.00659805	0.455268	-2.19651	0.0876274	1.52292	1.52292	0.0111396	0.491714	-2.0337	0.0621381	0.625939	-1.5976	0.00196712	0.376846	-2.6536
cg00489477	CARD11	0.00102659	0.9378	0.99175	-1.00832	0.0335157	1.30164	1.30164	0.0404551	1.26798	1.26798	0.00207683	0.631219	-1.58424	0.0404684	0.777884	-1.28554
cg22364890	CARD11	0.00282547	0.147743	1.45151	1.45151	0.2659	0.757195	-1.32066	0.00492103	0.409099	-2.4444	0.0656478	1.64153	1.64153	0.000209478	0.225857	-4.42759
cg25106791	CARD11	0.00413903	0.0402582	0.598147	-1.67183	0.833432	0.955355	-1.04673	0.0111208	0.501419	-1.99434	0.973212	1.00731	1.00731	0.00248434	0.401757	-2.48907
cg20037968	CARD11	0.00414764	0.274839	0.780146	-1.28181	0.8385	1.0456	1.0456	0.0525448	0.617744	-1.61879	0.446904	0.844165	-1.1846	0.000162155	0.244931	-4.08279
cg24345260	CARD11	0.00727204	0.320835	1.29758	1.29758	0.042369	1.81076	1.81076	0.177602	1.43889	1.43889	0.824587	1.058	1.058	0.000183214	0.200656	-4.98364
cg07898582	CARD11	0.00816893	0.0564316	1.98371	1.98371	0.694021	0.882155	-1.13359	0.00906131	0.349301	-2.86286	0.083563	1.8356	1.8356	0.00235357	0.260326	-3.84133
cg02943336	CARD11	0.00931288	0.690738	0.931708	-1.0733	0.0456217	0.666704	-1.49992	0.00622421	0.532161	-1.87913	0.316824	1.20087	1.20087	0.51597	1.12356	1.12356
cg20346826	CARD11	0.00965649	0.218778	1.31856	1.31856	0.0189612	0.544743	-1.83573	0.0061175	0.465348	-2.14893	0.301839	1.25697	1.25697	0.0438704	0.60943	-1.64088
cg19925597	CARD11	0.0112688	0.01301	0.24158	-4.13941	0.0336062	0.318489	-3.13983	0.176633	0.515744	-1.93895	0.0102579	0.225025	-4.44395	0.00165918	0.125603	-7.96156
cg09544115	CARD11	0.0126669	0.561435	1.0949	1.0949	0.106581	1.31268	1.31268	0.0416933	0.695918	-1.43695	0.130018	0.776842	-1.28726	0.0173892	0.639446	-1.56385
cg06589961	CARD11	0.0142723	0.678935	0.930426	-1.07478	0.0396087	0.662124	-1.51029	0.00421357	0.514821	-1.94242	0.0174989	0.605894	-1.65045	0.026091	0.632922	-1.57997
cg16586807	CARD11	0.0150479	0.200333	0.797984	-1.25316	0.91564	0.982479	-1.01783	0.708056	0.939174	-1.06477	0.0100451	0.581558	-1.71952	0.524967	0.898106	-1.11345
cg13008538	CARD11	0.0169221	0.0469438	2.38234	2.38234	0.0143914	3.16294	3.16294	0.0891115	2.04554	2.04554	0.478755	1.31635	1.31635	0.0630949	0.450243	-2.22102
cg02751532	CARD11	0.0180001	0.939772	1.01931	1.01931	0.830833	1.05565	1.05565	0.0776702	0.608729	-1.64277	0.000566706	0.258734	-3.86498	0.317907	0.770033	-1.29864
cg18321354	CARD11	0.018712	0.483083	0.801099	-1.24828	0.0295752	2.2189	2.2189	0.0475899	2.0237	2.0237	0.556414	0.831034	-1.20332	0.00553181	0.32164	-3.10907
cg13106306	CARD11	0.0192812	0.641867	0.889708	-1.12396	0.00117531	3.2803	3.2803	0.42045	1.22797	1.22797	0.107318	1.55045	1.55045	0.349292	0.786315	-1.27175
cg00920098	CARD11	0.0216299	0.705638	0.852949	-1.1724	0.248615	1.65781	1.65781	0.161886	0.534705	-1.87019	0.0497785	0.391416	-2.55482	0.000817389	0.120686	-8.286

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13195218	0.00325958	0.648551	-1.5419	0.063352	0.798199	-1.25282	0.896586	0.986061	-1.01414	0.340625	0.899417	-1.11183	3.8497	0.710485	0.16405	1
cg00779797	0.022631	0.3116	-3.20925	0.0492424	0.383318	-2.6088	0.988587	1.00613	1.00613	0.056111	0.396829	-2.51997	3.80704	11.0043	2.56935	1
cg06756211	0.0770828	10.5221	10.5221	0.00363447	111.174	111.174	0.0110433	45.436	45.436	0.0687631	11.4591	11.4591	3.65323	82.9368	20.1798	1
cg22697825	0.57367	0.819178	-1.22074	0.0665621	0.485906	-2.05801	0.00174277	0.208867	-4.78773	0.126106	0.559549	-1.78715	3.57983	6.97828	1.73274	1
cg21167643	0.0847229	4.32318	4.32318	0.00932692	12.5814	12.5814	0.0168835	9.3758	9.3758	0.0631067	4.9786	4.9786	3.48411	32.535	8.30054	1
cg24047802	0.0815327	3.66532	3.66532	0.00628657	10.9665	10.9665	0.0174835	7.00134	7.00134	0.0617533	4.11853	4.11853	3.47297	24.8978	6.37247	1
cg26221105	0.10766	0.381253	-2.62293	0.0368207	0.263952	-3.78857	0.36402	0.59909	-1.6692	0.0680326	0.325482	-3.07236	3.39826	16.236	4.24687	1
cg11427177	0.0941622	0.638628	-1.56586	0.119548	0.662586	-1.50924	0.101129	1.54878	1.54878	0.417354	0.817122	-1.22381	7.81199	7.34677	0.835954	1
cg15021759	0.0567689	0.712768	-1.40298	0.0494231	1.42207	1.42207	0.913484	1.01721	1.01721	0.215366	1.22726	1.22726	3.39946	1.32768	0.347161	1
cg20309061	0.000252675	0.311083	-3.21457	0.00195104	0.428318	-2.33471	0.0103142	1.86933	1.86933	0.00104825	0.391145	-2.55659	18.2916	10.8535	0.527433	1
cg18425651	0.350519	0.891716	-1.12143	0.0125371	0.69047	-1.44829	0.476454	1.09019	1.09019	0.00590398	0.650776	-1.53663	4.57661	1.0311	0.200264	1
cg21670405	0.0402934	1.43235	1.43235	0.0193194	1.53588	1.53588	0.376635	1.14752	1.14752	0.0368659	0.692326	-1.44441	3.96961	1.44619	0.323836	1
cg25583367	0.503364	1.19048	1.19048	0.541384	0.853229	-1.17202	0.0382732	0.539857	-1.85234	0.386973	0.796385	-1.25567	14.8597	15.5127	0.927953	1
cg19164997	0.0187375	0.632549	-1.58091	7.98E-06	0.207785	-4.81266	0.597128	0.917817	-1.08954	0.999035	0.999806	-1.00019	17.4498	7.14403	0.363916	1
cg24994611	0.040546	1.75241	1.75241	4.64E-06	0.082794	-12.0782	0.610105	0.885167	-1.12973	0.476633	0.842274	-1.18726	15.6947	13.9836	0.791981	1
cg13916398	0.0236951	0.612559	-1.63249	2.31E-05	0.215237	-4.64605	0.137855	1.3364	1.3364	0.0140363	0.576718	-1.73395	15.405	8.03603	0.463691	1
cg10548968	0.516165	1.0698	1.0698	0.00178976	1.57696	1.57696	0.293595	0.894347	-1.11813	0.00515395	0.684816	-1.46025	14.6543	2.43809	0.147888	1
cg07012062	0.0150853	0.486025	-2.05751	0.049014	0.581043	-1.72104	0.790228	0.937622	-1.06653	0.0736885	0.617752	-1.61877	7.44477	6.88115	0.821594	1
cg03449125	0.0277057	0.335621	-2.97955	0.000905859	0.124644	-8.02283	0.0121877	0.269711	-3.70767	0.022336	0.317118	-3.1534	7.20155	20.0725	2.47755	1
cg09925428	0.677579	0.856989	-1.16688	0.675197	0.855941	-1.1683	0.866834	0.939934	-1.0639	0.460843	1.31933	1.31933	6.20109	13.3808	1.91805	1
cg15225779	0.391327	1.27168	1.27168	0.000970927	0.26096	-3.832	0.233406	1.4076	1.4076	0.923586	0.974088	-1.0266	4.50408	5.34161	1.05418	1
cg25948980	0.296927	1.33359	1.33359	0.0352955	0.520697	-1.9205	0.0766993	0.592082	-1.68896	0.190071	0.691121	-1.44693	3.6085	4.04993	0.997628	1
cg24414039	0.238568	0.724694	-1.37989	0.000769679	0.264872	-3.77541	0.646685	1.12794	1.12794	0.0952585	1.61308	1.61308	4.77783	5.14922	0.957983	1
cg20871509	0.0299908	0.553718	-1.80597	6.20E-05	0.180926	-5.52714	0.0767498	1.57736	1.57736	0.316238	0.786701	-1.27113	9.37068	7.07195	0.754689	1
cg13885609	0.970255	1.00924	1.00924	0.0179248	0.491719	-2.03368	0.631463	1.12665	1.12665	0.165107	0.693939	-1.44105	3.55131	3.42464	0.857184	1
cg01307615	0.0149822	0.417643	-2.39439	0.189902	1.49976	1.49976	0.117552	0.608828	-1.6425	0.352714	0.756417	-1.32202	7.17717	9.68677	1.1997	1
cg25972680	0.143149	0.625952	-1.59757	0.507087	1.22187	1.22187	0.856921	0.947685	-1.0552	0.529502	1.20883	1.20883	5.28534	7.42017	1.24792	1
cg13145750	0.926012	1.04266	1.04266	0.0050999	0.189258	-5.2838	0.321931	0.631143	-1.58443	0.170674	0.518824	-1.92744	4.38154	14.0378	2.84786	1
cg00785877	0.162407	1.6807	1.6807	0.80525	0.917598	-1.0898	0.655456	1.16922	1.16922	0.201048	0.624955	-1.60011	3.50369	6.72457	1.70603	1
cg02313130	0.60517	1.18718	1.18718	0.000857644	0.192581	-5.19262	0.0158982	0.378491	-2.64207	0.313127	0.709462	-1.40952	6.90092	11.8303	1.52383	1
cg09992376	0.606785	1.13528	1.13528	0.875718	0.96247	-1.03899	0.000355492	0.246282	-4.06039	0.543057	0.860312	-1.16237	6.21029	5.87509	0.84091	1
cg21446172	0.0631161	0.4801	-2.0829	0.0186813	0.367656	-2.71994	0.00873546	0.309527	-3.23074	0.84312	1.07203	1.07203	5.55533	10.8414	1.73469	1
cg09060908	0.508102	0.836254	-1.19581	0.000640019	0.223916	-4.46596	0.027452	0.490698	-2.03791	0.820953	0.94152	-1.06211	5.61183	6.14532	0.851718	1
cg23251790	0.105445	1.63979	1.63979	0.0414167	1.9302	1.9302	0.142563	0.64359	-1.55378	0.829904	1.062	1.062	4.67255	5.78525	1.10057	1
cg01394349	0.961724	0.974784	-1.02587	0.0197748	0.223614	-4.47198	0.0640914	0.330432	-3.02634	0.485922	0.686052	-1.45762	4.58195	20.5524	3.98713	1
cg15119640	0.271323	0.62002	-1.61285	0.141333	0.516731	-1.93524	0.0515638	0.396553	-2.52173	0.982761	1.00906	1.00906	4.14583	11.4399	2.45277	1
cg20412955	0.0152639	1.21927	1.21927	0.000251066	1.4946	1.4946	0.0388431	0.852843	-1.17255	0.051259	0.862677	-1.15918	55.7737	3.91216	0.0623498	1
cg12410939	0.000811446	0.240265	-4.16206	1.81E-05	0.0845475	-11.8277	0.00353229	0.327387	-3.05449	0.000205942	0.172849	-5.78541	21.5629	27.2236	1.12224	1
cg26548095	0.0160515	0.451081	-2.2169	0.00188819	0.304254	-3.28673	0.205146	0.696884	-1.43496	0.00847098	0.403339	-2.4793	9.90106	11.4439	1.0274	1
cg05712010	0.271326	1.4133	1.4133	0.771123	1.09211	1.09211	0.706567	0.892039	-1.12103	0.13108	0.611128	-1.63632	8.16671	11.8024	1.28461	1
cg24435244	0.538098	1.12429	1.12429	0.046899	1.53342	1.53342	0.821036	0.958314	-1.0435	0.359067	0.837594	-1.1939	4.66647	2.61013	0.497189	1
cg11545949	0.571986	0.759137	-1.31729	0.95566	0.973567	-1.02715	0.385277	1.53799	1.53799	0.137025	2.18281	2.18281	6.27362	22.5775	2.79906	1
cg20717845	0.0246416	0.714939	-1.39872	0.02893	0.724002	-1.38121	0.00779824	1.53469	1.53469	0.750795	0.960833	-1.04076	5.32568	1.32634	0.221374	1
cg10204053	0.00446096	0.573206	-1.74457	0.00127793	0.501975	-1.99213	0.0591008	0.731465	-1.36712	0.16555	0.804927	-1.24235	4.86952	1.66037	0.303086	1
cg22869224	0.529444	1.09012	1.09012	0.146488	1.23503	1.23503	0.19057	0.828843	-1.2065	0.0286433	0.704929	-1.41858	3.73991	1.0865	0.258236	1
cg20731533	0.648944	0.918965	-1.08818	0.0141	0.571973	-1.74833	0.180624	0.769414	-1.29969	0.0403149	0.646119	-1.5477	4.3394	2.3366	0.478632	1
cg16614638	0.919252	0.992995	-1.00705	0.000148411	0.636326	-1.57152	0.572375	1.04034	1.04034	0.00161607	1.368	1.368	9.34971	0.711637	0.0676562	1
cg08882250	0.0112026	0.280491	-3.56518	0.00260376	0.188568	-5.30314	0.769311	0.889028	-1.12482	0.0674108	0.44057	-2.26979	5.79018	14.6707	2.25219	1
cg03445474	0.57202	0.894888	-1.11746	0.0473458	0.643212	-1.5547	0.0290629	1.64929	1.64929	0.414679	1.17605	1.17605	5.56308	3.33271	0.532512	1
cg03936072	0.711912	0.914212	-1.09384	0.810827	0.943665	-1.0597	0.839258	0.952074	-1.05034	0.000184062	0.216917	-4.61006	4.9798	4.61158	0.823163	1
cg02021895	0.322588	0.873155	-1.14527	0.310405	1.14951	1.14951	0.193829	0.83318	-1.20022	0.639668	0.939323	-1.0646	3.70039	1.03283	0.248101	1
cg16218377	0.124737	0.666139	-1.50119	0.0395156	1.78973	1.78973	0.00561666	0.4112	-2.43191	0.139346	1.47532	1.47532	11.0854	10.4904	0.841176	1
cg23733795	0.794242	0.971063	-1.0298	0.000304105	1.93355	1.93355	0.125695	0.830137	-1.20462	0.00236801	0.621098	-1.61005	20.7475	4.14725	0.177681	1
cg00400102	0.143279	1.27155	1.27155	0.796378	1.04028	1.04028	0.999411	0.999887	-1.00011	0.173973	1.24721	1.24721	4.28501	1.58309	0.328398	1
cg05478348	0.0537239	0.681826	-1.46665	0.0199464	0.61193	-1.63417	0.132465	0.75288	-1.32823	0.907352	1.02056	1.02056	3.92519	1.90038	0.430356	1
cg17152740	0.234704	0.72183	-1.38537	1.63E-06	0.0426014	-23.4734	0.873192	1.04269	1.04269	0.00718579	2.47964	2.47964	23.0221	24.971	0.964133	1
cg25749982	0.986213	0.997446	-1.00256	6.56E-06	0.226473	-4.41555	0.597857	1.08198	1.08198	0.895779	0.980786	-1.01959	15.767	5.47193	0.308488	1
cg11254602	0.795867	1.03765	1.03765	0.45832	0.897936	-1.11366	0.176394	1.22739	1.22739	0.813246	1.03431	1.03431	14.013	4.51032	0.286103	1
cg23652770	0.525589	0.934692	-1.06987	0.00434164	1.49214	1.49214	0.0817961	1.22447	1.22447	0.074903	1.23157	1.23157	11.1526	1.94745	0.155216	1
cg04395822	0.0350175	0.785143	-1.27365	0.699562	0.962534	-1.03892	0.26201	1.12207	1.12207	0.0860584	1.20537	1.20537	10.9726	1.68518	0.136516	1
cg10472288	0.148717	0.667007	-1.49923	0.253882	1.36551	1.36551	0.937129	0.979585	-1.02084	0.0426029	0.543146	-1.84113	10.1952	11.0384	0.962406	1
cg05130406	0.77545	1.05964	1.05964	7.54E-05	0.233431	-4.28391	0.0167883	1.80594	1.80594	0.589282	1.11672	1.11672	9.18538	5.96768	0.577505	1
cg20325092	0.2824	0.81049	-1.23382	0.390095	1.18017	1.18017	4.92E-05	4.19745	4.19745	0.154353	0.750665	-1.33215	8.62353	4.83259	0.49813	1
cg26524387	0.986024	0.997712	-1.00229	0.00174542	1.79267	1.79267	0.557757	0.925392	-1.08062	0.0551206	0.752454	-1.32899	6.10204	1.6533	0.240837	1
cg15659537	0.0220177	0.349852	-2.85835	0.0292063	0.374376	-2.67111	0.311435	0.670042	-1.49244	0.0306532	0.378722	-2.64046	5.77064	13.362	2.05823	1
cg20003635	0.00389628	0.206948	-4.83213	0.198866	0.576778	-1.73377	0.940162	1.0309	1.0309	0.0132672	0.288246	-3.46926	5.23259	13.6154	2.31292	1
cg00359110	0.390327	1.28521	1.28521	0.0674682	0.557636	-1.79328	0.0303175	2.06647	2.06647	0.259103	1.39882	1.39882	4.60059	5.92104	1.14402	1
cg13545089	0.637424	0.951225	-1.05128	0.0106523	0.713036	-1.40245	0.0230324	1.33154	1.33154	0.160278	0.85384	-1.17118	83.0994	14.6024	0.156197	1
cg16992787	0.425449	0.851438	-1.17448	0.328288	1.22066	1.22066	0.191611	0.760956	-1.31414	0.0229767	0.584225	-1.71167	10.1562	6.28099	0.549726	1
cg07535740	0.274844	0.77476	-1.29072	0.294957	0.783506	-1.27631	0.0169428	1.92365	1.92365	0.65808	1.10522	1.10522	4.78618	3.82469	0.710321	1
cg07741805	0.000554372	0.220095	-4.5435	2.28E-05	0.0912055	-10.9643	0.0763065	0.572918	-1.74545	0.00055828	0.220455	-4.53607	23.6628	29.8991	1.12316	1
cg14469019	0.909704	1.01365	1.01365	0.000477731	0.519343	-1.92551	0.019497	0.713615	-1.40132	0.145811	0.829763	-1.20516	17.5024	3.95867	0.201048	1
cg13894535	0.00440455	0.2811	-3.55746	0.0011089	0.20102	-4.97464	0.372166	0.736488	-1.35779	0.000292681	0.139397	-7.17377	14.7528	26.0374	1.56881	1
cg09142144	0.216704	1.60419	1.60419	0.0868887	1.98864	1.98864	0.333377	0.695736	-1.43733	0.00485206	0.257163	-3.88858	7.19105	15.0556	1.86103	1
cg18511008	0.149409	0.457918	-2.1838	0.00175869	0.105178	-9.50771	0.00447121	0.147248	-6.79128	0.0312438	0.278854	-3.58611	6.02122	24.347	3.59425	1
cg15674129	0.00522154	0.475986	-2.1009	0.00838464	1.97083	1.97083	0.748857	0.937342	-1.06685	0.145707	0.730023	-1.36982	5.19237	3.33737	0.571329	1
cg10994379	0.122856	0.616692	-1.62156	0.00510598	0.343016	-2.91532	0.306783	1.3579	1.3579	0.763991	0.916613	-1.09097	4.63179	6.13362	1.17711	1
cg02273827	0.73297	1.10754	1.10754	0.188502	1.51525	1.51525	0.0049447	3.03499	3.03499	0.0110902	0.386775	-2.58548	12.7047	17.9005	1.25241	1
cg24202119	0.509573	1.32002	1.32002	0.97954	0.989414	-1.0107	0.00476335	4.73694	4.73694	0.213006	0.580249	-1.7234	4.24892	11.5906	2.42479	1
cg21828233	0.135834	0.475351	-2.10371	0.0271127	0.298068	-3.35493	0.257834	0.579066	-1.72692	0.00359538	0.161353	-6.19758	3.49464	11.8491	3.01392	1
cg02661426	0.707886	1.04867	1.04867	0.000402919	0.491498	-2.0346	0.280156	1.15227	1.15227	0.0393138	1.35124	1.35124	7.72251	1.94934	0.224376	1
cg03503114	0.00669492	0.680238	-1.47007	0.00462471	0.661812	-1.511	0.148576	0.843889	-1.18499	0.222159	1.15091	1.15091	6.97668	1.32599	0.168942	1
cg27548142	0.31582	1.16723	1.16723	0.425265	0.885681	-1.12907	0.792182	1.04016	1.04016	0.130533	1.27566	1.27566	24.1337	8.49691	0.312957	1
cg13155059	0.882593	1.02058	1.02058	0.0460241	0.729626	-1.37057	0.0360754	0.714559	-1.39946	0.00779992	1.60141	1.60141	10.9861	3.30696	0.267567	1
cg25683101	0.137912	1.2253	1.2253	0.000951742	0.534532	-1.87079	0.0326617	0.727654	-1.37428	0.200172	1.18781	1.18781	7.91891	2.02873	0.227722	1
cg12669355	0.00690084	0.259617	-3.85183	0.00352695	0.217517	-4.59735	0.111018	1.95329	1.95329	0.0115694	0.295958	-3.37886	6.21307	14.6325	2.09344	1
cg16273909	0.0233196	0.244486	-4.09021	0.00144041	0.0912823	-10.955	0.0289445	0.26231	-3.81228	0.0427045	0.297487	-3.36149	5.07178	21.6923	3.80183	1
cg06541783	0.282876	1.24906	1.24906	0.331756	0.819077	-1.22089	0.477015	0.865794	-1.15501	0.0404695	0.623979	-1.60262	3.92362	2.46845	0.559223	1
cg25573386	0.0710397	0.507316	-1.97116	0.016474	0.373032	-2.68074	0.637903	1.17295	1.17295	0.0881018	0.530825	-1.88386	4.17775	7.4924	1.59414	1
cg00968167	0.0243751	0.567593	-1.76183	2.03E-05	0.162215	-6.16465	0.530532	0.874479	-1.14354	0.00100321	0.356654	-2.80384	17.1869	12.131	0.627405	1
cg24439190	0.0696862	0.646346	-1.54716	0.293698	0.793309	-1.26054	0.0830874	1.51001	1.51001	0.194748	0.746417	-1.33973	14.1886	9.83026	0.538867	1
cg25839439	0.016611	1.74328	1.74328	0.000112141	0.2753	-3.6324	0.152615	1.33787	1.33787	0.245323	0.79383	-1.25972	10.9095	6.23738	0.50821	1
cg12763668	0.867278	0.970011	-1.03092	0.00463609	1.985	1.985	0.33078	1.20043	1.20043	0.0558566	0.67412	-1.48341	10.4562	5.48777	0.466519	1
cg10981111	0.596033	0.913914	-1.09419	0.00720879	0.557939	-1.79231	0.928932	0.985103	-1.01512	0.00147252	0.461969	-2.16465	9.61066	4.3091	0.398548	1
cg14614792	0.379378	0.666771	-1.49977	0.688177	1.1988	1.1988	0.000208815	16.2584	16.2584	0.52858	0.75055	-1.33236	7.85977	25.1458	2.84383	1
cg27331277	0.18097	1.23499	1.23499	0.00207291	1.90474	1.90474	0.0959292	1.31222	1.31222	0.177083	0.808	-1.23762	7.37213	2.57822	0.310867	1
cg01071440	0.0682176	1.57305	1.57305	0.0263864	0.557574	-1.79348	0.00168003	2.70847	2.70847	0.423606	1.19879	1.19879	6.25028	4.87237	0.692927	1
cg21410100	0.12437	0.590995	-1.69206	0.13903	0.604507	-1.65424	0.646467	0.864171	-1.15718	0.00297962	0.27581	-3.62569	5.90312	9.34165	1.40666	1
cg24671886	0.192905	0.49881	-2.00477	0.000832699	0.0789461	-12.6669	0.294373	1.73144	1.73144	0.0686994	0.357557	-2.79676	5.32023	21.4676	3.58674	1
cg11335264	0.441097	1.2633	1.2633	0.00113734	4.15423	4.15423	0.00289941	3.38092	3.38092	0.129077	1.62902	1.62902	5.3145	7.4511	1.24625	1
cg04124888	0.0328378	0.618019	-1.61807	0.943623	1.01373	1.01373	0.169104	1.32633	1.32633	0.460239	0.865081	-1.15596	5.10641	3.00534	0.523148	1
cg15136975	0.0237928	2.1926	2.1926	0.498338	1.22144	1.22144	0.00115688	4.01094	4.01094	0.383855	1.29672	1.29672	4.58662	6.15114	1.19209	1
cg19713429	0.292903	0.651632	-1.53461	0.0128619	0.297475	-3.36163	0.0360862	0.384118	-2.60336	0.241521	0.618045	-1.618	4.53489	11.0651	2.16888	1
cg23711554	0.569743	0.838329	-1.19285	0.539729	1.20994	1.20994	0.263446	1.43026	1.43026	0.543506	0.827986	-1.20775	4.35692	6.50201	1.32652	1
cg09976716	0.783478	0.930757	-1.07439	0.297772	1.3247	1.3247	0.188543	1.43754	1.43754	0.0960889	0.621218	-1.60974	3.59784	3.86696	0.955377	1
cg15168995	0.000473566	0.381028	-2.62448	0.00273219	0.483349	-2.0689	3.45E-05	0.24466	-4.0873	0.0353816	0.650126	-1.53816	21.1944	10.3688	0.434864	1
cg13797282	0.351782	0.852421	-1.17313	0.189848	1.26034	1.26034	5.81E-05	0.288893	-3.46149	0.00798982	0.567513	-1.76207	10.9809	4.82884	0.390888	1
cg25459170	0.01778	1.47899	1.47899	0.0168373	1.48596	1.48596	0.105509	1.27145	1.27145	0.0337075	1.40046	1.40046	10.6835	3.12041	0.259626	1
cg04277677	0.0145351	0.349348	-2.86247	0.0124927	0.337667	-2.9615	0.00153929	0.203554	-4.91271	0.0844976	0.513421	-1.94772	8.34507	16.1309	1.71821	1
cg00265788	0.769113	0.952014	-1.05041	0.990513	1.00199	1.00199	0.106593	1.34228	1.34228	0.152148	0.773923	-1.29212	7.81201	3.45337	0.392942	1
cg14561229	0.000921881	16.3669	16.3669	?	?	?	0.943779	1.04063	1.04063	0.119258	0.384911	-2.598	5.89022	23.1387	4.48952	1
cg22506059	0.45001	1.62158	1.62158	0.347686	1.83533	1.83533	0.324764	1.89384	1.89384	0.333546	1.87084	1.87084	3.96211	24.7483	5.55222	1
cg08404546	0.0233173	2.55316	2.55316	0.774397	0.905402	-1.10448	0.235428	1.53725	1.53725	0.95141	1.0213	1.0213	3.60891	6.83462	1.68339	1
cg05066722	0.032348	0.649243	-1.54026	4.51E-05	0.264275	-3.78393	0.283256	0.825155	-1.21189	0.194235	0.789192	-1.26712	17.319	8.15068	0.41833	1
cg03534655	0.0072823	1.33315	1.33315	0.99232	0.999201	-1.0008	0.0457082	0.826701	-1.20963	0.0726252	0.846711	-1.18104	14.2037	1.55259	0.0971636	1
cg21516162	0.279649	1.28245	1.28245	0.643665	0.902031	-1.10861	0.0283816	1.77307	1.77307	0.0147198	1.94358	1.94358	13.1715	10.2203	0.689721	1
cg02617727	0.00290068	0.401192	-2.49257	0.000160256	0.23725	-4.21497	0.00207764	0.380228	-2.63	0.00254751	0.392971	-2.54472	12.2368	9.64568	0.700667	1
cg00489477	0.00210093	0.631784	-1.58282	0.000531417	1.77276	1.77276	0.353014	1.10676	1.10676	0.0529548	1.26295	1.26295	11.6793	2.08398	0.158608	1
cg22364890	0.509833	0.851802	-1.17398	0.023975	0.524072	-1.90813	0.93049	0.979287	-1.02115	0.115566	1.50745	1.50745	8.71159	7.9415	0.810313	1
cg25106791	0.475427	1.17046	1.17046	0.0231736	0.555042	-1.80167	0.000326164	0.283764	-3.52406	0.0244601	0.559142	-1.78845	7.77196	5.78955	0.662158	1
cg20037968	0.0546777	1.61008	1.61008	0.0240881	1.80016	1.80016	0.405328	0.830232	-1.20448	0.716972	1.0828	1.0828	7.76709	5.87426	0.672268	1
cg24345260	0.800078	0.937586	-1.06657	0.502742	0.84136	-1.18855	0.414275	1.23608	1.23608	0.829053	0.946565	-1.05645	6.53684	6.67753	0.908019	1
cg07898582	0.456452	1.27191	1.27191	0.0379477	0.466204	-2.14498	0.101979	1.76411	1.76411	0.278918	1.42905	1.42905	6.30254	10.0387	1.41582	1
cg02943336	0.0733997	1.42349	1.42349	0.00133689	2.28138	2.28138	0.530908	0.893797	-1.11882	0.593816	0.909176	-1.0999	6.04637	2.99613	0.440468	1
cg20346826	0.0135462	1.92187	1.92187	0.292423	1.26306	1.26306	0.0243431	0.5634	-1.77494	0.533046	0.873725	-1.14452	5.97698	4.32726	0.643544	1
cg19925597	0.590957	0.778715	-1.28417	0.00255018	0.145197	-6.88718	0.0899882	0.42254	-2.36664	0.0971471	0.432026	-2.31468	5.68806	19.144	2.99169	1
cg09544115	0.0135946	0.624104	-1.6023	0.0073537	1.70476	1.70476	0.962336	1.00732	1.00732	0.349435	1.16035	1.16035	5.47633	2.06777	0.335629	1
cg06589961	0.00789455	0.554115	-1.80468	0.460679	1.13897	1.13897	0.278256	1.21572	1.21572	0.570656	1.10439	1.10439	5.26641	2.50365	0.422578	1
cg16586807	0.520149	1.11489	1.11489	0.26648	0.824362	-1.21306	0.00113805	0.450042	-2.22201	0.0370625	1.49764	1.49764	5.17524	2.28105	0.391788	1
cg13008538	0.653265	1.1884	1.1884	0.00167081	5.56137	5.56137	0.0943728	2.01758	2.01758	0.135297	1.84873	1.84873	4.97712	11.4849	2.05115	1
cg02751532	0.374729	1.25938	1.25938	0.0769352	1.64524	1.64524	0.288573	0.756634	-1.32164	0.77618	0.93039	-1.07482	4.87512	4.94728	0.902048	1
cg18321354	0.231375	1.47783	1.47783	0.0740433	1.85782	1.85782	0.087404	0.555932	-1.79878	0.219855	0.669393	-1.49389	4.81183	7.37695	1.36274	1
cg13106306	0.437936	1.21825	1.21825	0.678532	0.901235	-1.10959	0.22349	0.726798	-1.3759	0.0296132	0.527847	-1.89449	4.76332	4.69627	0.876377	1
cg00920098	0.182112	1.81049	1.81049	0.182418	0.552595	-1.80964	0.26711	0.615946	-1.62352	0.831316	0.914469	-1.09353	4.5805	12.7452	2.47333	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06779606	CARD11	0.0233085	0.791774	0.945725	-1.05739	0.165208	0.731836	-1.36643	0.00867127	0.49381	-2.02507	0.00438101	0.44819	-2.23119	0.737454	0.931502	-1.07353
cg17768768	CARD11	0.0248786	0.30997	0.420999	-2.3753	0.888155	0.890586	-1.12286	0.0202056	0.0996187	-10.0383	0.173015	0.303005	-3.30028	0.00433712	0.0433186	-23.0848
cg06830441	CARD11	0.0269218	0.347025	1.19611	1.19611	0.182869	0.76998	-1.29874	0.00517949	0.505349	-1.97883	0.958398	0.990399	-1.00969	0.00304007	0.471928	-2.11897
cg10009968	CARD11	0.0350375	0.0449934	4.12284	4.12284	0.179054	2.40822	2.40822	0.731689	1.23606	1.23606	0.212815	2.24322	2.24322	0.273096	0.495438	-2.01841
cg15658543	CARD11	0.0353214	0.526999	0.807847	-1.23786	0.0189803	0.38844	-2.5744	0.0146974	0.367948	-2.71777	0.400326	0.750805	-1.3319	0.0151734	0.370454	-2.69939
cg27064927	CARD11	0.0389413	0.164669	1.55521	1.55521	0.570479	1.18626	1.18626	0.708341	0.894094	-1.11845	0.68553	1.12893	1.12893	0.0404683	0.494136	-2.02373
cg20308351	CARD11	0.0457354	0.0679119	0.43977	-2.27392	0.0181456	0.315799	-3.16657	0.178063	0.562737	-1.77703	0.718431	0.864616	-1.15658	0.00583867	0.234546	-4.26356
cg00119896	CARD11	0.0489876	0.0362513	2.85677	2.85677	0.0189619	3.40358	3.40358	0.110642	2.11579	2.11579	0.35349	1.50918	1.50918	0.956354	0.976681	-1.02388
cg08699655	CARD14	0.000202293	0.590057	0.932289	-1.07263	0.00124599	1.83674	1.83674	0.000112282	0.416865	-2.39886	0.358412	0.885379	-1.12946	0.00285475	0.589078	-1.69757
cg04453648	CARD14	0.00396147	0.530225	0.848149	-1.17904	0.0311433	1.92552	1.92552	0.0126381	0.447961	-2.23234	0.00324119	0.35343	-2.82941	0.00114798	0.289971	-3.44862
cg19274270	CARD14	0.011272	0.0185394	0.603065	-1.6582	0.0523444	0.676496	-1.4782	0.0211292	0.61196	-1.63409	0.626839	0.916881	-1.09065	0.1664	0.770009	-1.29869
cg05022061	CARD14	0.0175796	0.0754016	0.446994	-2.23716	0.068399	0.436077	-2.29317	0.0101115	0.267147	-3.74325	0.809712	0.906531	-1.10311	0.00240078	0.178989	-5.58693
cg02149658	CARD14	0.0250457	0.00530904	0.336007	-2.97613	0.0923549	0.57699	-1.73313	0.898526	1.0386	1.0386	0.275629	0.714134	-1.4003	0.00130999	0.249366	-4.01017
cg26257145	CARD14	0.0383326	0.128356	0.615578	-1.62449	0.775141	0.918932	-1.08822	0.0835084	0.568093	-1.76028	0.577474	1.18072	1.18072	0.00368029	0.313815	-3.18659
cg27198843	CARD14;CARD14	7.53E-05	0.00106584	1.3156	1.3156	0.234717	1.07319	1.07319	0.964852	0.997504	-1.0025	0.0308124	0.866037	-1.15469	0.000868758	0.753243	-1.32759
cg25756586	CARD14;CARD14	0.000134792	0.231092	0.812833	-1.23026	0.133155	1.30639	1.30639	0.000548391	0.412491	-2.4243	0.338449	0.84978	-1.17678	0.00734464	0.565498	-1.76835
cg05820859	CARD14;CARD14	0.000592018	0.334444	1.3227	1.3227	0.0754704	0.573507	-1.74366	0.00888478	0.3924	-2.54842	0.535976	0.838547	-1.19254	0.000202954	0.173694	-5.75725
cg14890343	CARD14;CARD14	0.000699855	0.00553817	0.4878	-2.05002	0.00150752	0.406399	-2.46063	0.000180089	0.286902	-3.48551	0.0742862	0.675929	-1.47945	0.0107969	0.532256	-1.8788
cg24206431	CARD14;CARD14	0.00166065	0.00062867	0.211975	-4.71753	0.007727	0.364242	-2.74543	0.0193079	0.43381	-2.30516	0.258958	0.706376	-1.41568	0.000204122	0.159241	-6.27978
cg20571913	CARD14;CARD14	0.00229258	0.000859478	0.259487	-3.85375	0.152098	0.661315	-1.51214	0.0310308	0.505412	-1.97859	0.203091	0.696186	-1.4364	0.000189899	0.183466	-5.4506
cg06957348	CARD14;CARD14	0.00338511	0.00388527	0.28719	-3.48202	0.0467694	0.481697	-2.07599	0.00615648	0.317712	-3.14751	0.0343782	0.453017	-2.20742	0.00210547	0.24967	-4.00529
cg15910686	CARD14;CARD14	0.00551085	0.00577323	0.219974	-4.546	0.147423	0.521636	-1.91705	0.0280259	0.337382	-2.964	0.747219	0.873377	-1.14498	0.0003432	0.0895406	-11.1681
cg03130276	CARD14;CARD14	0.00623613	0.00331964	0.236315	-4.23165	0.586621	0.820302	-1.21906	0.0699877	0.481452	-2.07705	0.0753706	0.489549	-2.0427	0.000274613	0.116499	-8.58376
cg14645721	CARD14;CARD14	0.00677505	0.809989	1.05191	1.05191	0.0944851	1.47131	1.47131	0.00682664	0.478934	-2.08797	0.565843	1.12968	1.12968	0.000256273	0.282317	-3.54212
cg26693451	CARD14;CARD14	0.0134229	0.878733	1.03132	1.03132	0.305054	0.806942	-1.23925	0.0022844	0.422549	-2.36659	0.218653	1.29862	1.29862	0.00135688	0.390844	-2.55857
cg11850508	CARD14;CARD14	0.0319087	0.032764	0.171774	-5.8216	0.0871577	0.263927	-3.78892	0.0450468	0.197513	-5.06296	0.480361	0.602943	-1.65853	0.0291569	0.16318	-6.1282
cg21127362	CARD14;CARD14	0.0359711	0.0125764	0.529638	-1.88808	0.119142	0.707253	-1.41392	0.00284722	0.431228	-2.31896	0.115571	0.704452	-1.41954	0.195821	0.755669	-1.32333
cg00135416	CARD14;CARD14	0.0422885	0.00866223	0.330438	-3.02628	0.0475072	0.472314	-2.11724	0.239949	0.665535	-1.50255	0.627047	0.850417	-1.17589	0.00577256	0.302127	-3.30987
cg11555666	CARD14;CARD14	0.0450278	0.0569077	0.119689	-8.35496	0.107793	0.177469	-5.63479	0.122035	0.191818	-5.21328	0.316307	0.360343	-2.77513	0.0273717	0.0764188	-13.0858
cg13775050	CARD16;CASP1;CASP1;CASP1;CASP1;CASP1;CARD16	0.0489285	0.0323667	0.315117	-3.17343	0.0205256	0.276256	-3.61983	0.0714761	0.395432	-2.52888	0.0257539	0.29504	-3.38937	0.274932	1.68804	1.68804
cg04535665	CARD17;CASP1;CASP1;CASP1;CASP1;CASP1	0.00012706	0.0253424	0.65113	-1.53579	0.00026359	0.379998	-2.63159	0.00764557	0.574989	-1.73916	0.0422111	0.685435	-1.45893	6.67E-06	0.198766	-5.03104
cg02556071	CARD18	3.60E-05	0.000148802	0.248913	-4.01747	0.000424748	0.303977	-3.28972	0.000615051	0.324599	-3.08072	0.270021	0.782674	-1.27767	0.000752575	0.336093	-2.97536
cg20120939	CARD18	0.00041064	0.294212	0.898105	-1.11346	0.00107241	0.620461	-1.61171	0.00540591	0.696505	-1.43574	0.0873452	0.829905	-1.20496	0.000226777	0.545804	-1.83216
cg20338030	CARD18	0.00133402	0.0230872	0.493083	-2.02806	0.00245083	0.33392	-2.99473	0.00248378	0.334757	-2.98724	0.392613	0.796183	-1.25599	0.055368	0.568244	-1.75981
cg21643095	CARD18	0.00558244	0.0152981	0.407394	-2.45462	0.078496	0.554669	-1.80288	0.0286466	0.459072	-2.17831	0.0191413	0.425287	-2.35135	0.00257119	0.283487	-3.5275
cg22374268	CARD18	0.00694235	0.533943	0.904986	-1.10499	0.237492	0.821911	-1.21668	0.000615911	0.433598	-2.30628	0.243213	0.824044	-1.21353	0.00223305	0.507324	-1.97113
cg09527301	CARD6	0.000419688	5.48E-05	0.32965	-3.03352	0.00133673	0.502157	-1.99141	0.0911121	0.759637	-1.31642	0.00113307	0.492864	-2.02896	6.71E-05	0.340029	-2.94092
cg16250754	CARD6	0.00154618	0.000302817	0.0708946	-14.1055	0.0725727	0.405429	-2.46652	0.00122331	0.118623	-8.43008	0.0304124	0.317725	-3.14738	0.00156979	0.129155	-7.74261
cg01784614	CARD6	0.0033939	0.489099	0.833002	-1.20048	0.00440141	0.372096	-2.68748	0.0285106	0.510664	-1.95823	0.916935	0.973238	-1.0275	0.00260232	0.338023	-2.95838
cg05981038	CARD6	0.0243554	0.0184344	0.152597	-6.55322	0.220761	0.428914	-2.33147	0.0421988	0.214601	-4.65981	0.0981198	0.303298	-3.29708	0.00205488	0.0575271	-17.3831
cg26818786	CARD6	0.0362982	0.0590843	0.26469	-3.778	0.0488792	0.245947	-4.06592	0.00118047	0.051449	-19.4367	0.0673111	0.278422	-3.59168	0.116067	0.344683	-2.90121
cg05305046	CARD6	0.049509	0.424261	0.71052	-1.40742	0.0115266	0.266263	-3.75569	0.0312556	0.347022	-2.88166	0.102313	0.472955	-2.11437	0.0491384	0.390416	-2.56137
cg26683005	CARD8	0.0029534	0.0195166	0.545325	-1.83377	0.00467757	2.24283	2.24283	0.111608	1.45097	1.45097	0.606345	0.894351	-1.11813	0.00593543	0.461654	-2.16613
cg11613157	CARD8	0.0164002	0.778999	1.11773	1.11773	0.189627	0.577143	-1.73267	0.0597149	0.431449	-2.31777	0.0987799	0.488649	-2.04646	0.0017579	0.171449	-5.83264
cg13784866	CARD9;CARD9	0.000403342	0.00711455	0.650555	-1.53715	0.00164844	0.57286	-1.74563	0.000278426	0.479335	-2.08622	0.161857	0.831345	-1.20287	2.26E-05	0.349883	-2.8581
cg13652841	CARD9;CARD9	0.00495942	0.0135817	0.456283	-2.19162	0.0119969	0.447003	-2.23712	0.00149564	0.308432	-3.2422	0.339176	0.776375	-1.28804	0.0011557	0.293278	-3.40974
cg13988014	CARD9;CARD9	0.00733688	0.600825	0.841517	-1.18833	0.0767494	0.525517	-1.90289	0.00709912	0.320834	-3.11688	0.650533	0.861516	-1.16075	0.00691369	0.318987	-3.13492
cg12605157	CARD9;CARD9	0.0156175	0.00617639	0.301402	-3.31783	0.0352505	0.4389	-2.27842	0.0140167	0.361057	-2.76964	0.0709227	0.507856	-1.96906	0.0286352	0.420206	-2.37979
cg03065197	CARD9;CARD9	0.0346047	0.0533663	0.630381	-1.58634	0.0278312	0.578914	-1.72737	0.00969298	0.502542	-1.98988	0.0259083	0.573484	-1.74373	0.471854	0.857381	-1.16634
cg05416955	CARD9;CARD9	0.0374816	0.362948	0.775491	-1.2895	0.56972	1.16909	1.16909	0.0534348	0.550704	-1.81586	0.482456	0.823562	-1.21424	0.00610712	0.377858	-2.6465
cg14035368	CARD9;CARD9;DNLZ	0.00891038	0.0131839	8.72332	8.72332	0.00326117	16.8966	16.8966	0.0686638	4.2055	4.2055	0.108844	3.43014	3.43014	0.102292	3.52645	3.52645
cg00853853	CARD9;CARD9;DNLZ	0.0165452	0.0091244	3.62749	3.62749	0.00104679	6.59994	6.59994	0.376756	1.42313	1.42313	0.0784742	2.13909	2.13909	0.387977	1.41089	1.41089
cg18033770	CARD9;CARD9;DNLZ	0.0317865	0.0297956	3.57593	3.57593	0.00421575	6.74937	6.74937	0.027482	3.6671	3.6671	0.0755537	2.67992	2.67992	0.049096	3.06306	3.06306
cg09500196	CARHSP1	0.0145776	0.143831	0.656863	-1.52239	0.20415	1.43137	1.43137	0.611222	1.14705	1.14705	0.13847	1.53241	1.53241	0.00246307	0.324025	-3.08618
cg26661402	CARHSP1;CARHSP1	0.000498408	0.784081	1.0506	1.0506	0.127896	1.34419	1.34419	0.111977	0.732695	-1.36482	0.745165	0.943077	-1.06036	0.125017	0.741994	-1.34772
cg02706273	CARHSP1;CARHSP1	0.00191622	0.000856388	0.195458	-5.11618	0.0167517	0.386072	-2.59019	0.0310248	0.438111	-2.28253	0.00472577	0.294226	-3.39875	0.000404396	0.15994	-6.25233
cg04007936	CARHSP1;CARHSP1	0.00313128	0.472809	0.899525	-1.1117	0.000162161	2.54348	2.54348	0.00747011	1.64784	1.64784	0.0169857	1.52519	1.52519	0.124219	0.785531	-1.27302
cg02349264	CARHSP1;CARHSP1	0.0219457	0.0238068	1.81976	1.81976	0.51093	1.1595	1.1595	0.0119835	2.00511	2.00511	0.00383637	2.3749	2.3749	0.73104	0.926276	-1.07959
cg00840257	CARHSP1;CARHSP1	0.0288113	0.415667	1.12969	1.12969	0.477551	1.11166	1.11166	0.632987	0.931911	-1.07306	0.0530931	1.38009	1.38009	0.0751827	0.747951	-1.33699
cg03917077	CARHSP1;CARHSP1;CARHSP1	0.00031853	1.67E-05	0.390357	-2.56176	0.01082	0.711562	-1.40536	0.657268	0.953635	-1.04862	0.220147	0.871917	-1.1469	0.145585	0.846939	-1.18072
cg07708806	CARHSP1;CARHSP1;CARHSP1	0.0290109	0.0130647	0.482134	-2.07411	0.0219922	0.52152	-1.91747	0.259041	1.32183	1.32183	0.158452	0.699617	-1.42935	0.761366	0.930371	-1.07484
cg06258529	CARKD	0.000746458	0.0888027	0.765785	-1.30585	0.221405	0.832994	-1.20049	0.00800881	1.62108	1.62108	0.817634	0.967697	-1.03338	0.00229191	0.545503	-1.83317
cg27075939	CARKD	0.00289685	0.585755	0.954634	-1.04752	0.115346	1.1573	1.1573	0.0060059	1.37147	1.37147	0.293179	1.09678	1.09678	0.0105645	0.754911	-1.32466
cg03869874	CARKD	0.00307746	0.598812	0.943965	-1.05936	0.269357	0.882547	-1.13308	0.173522	0.854457	-1.17033	0.00957948	1.42804	1.42804	0.00961884	1.42762	1.42762
cg20212336	CARKD	0.00322517	0.72353	1.11843	1.11843	0.665163	0.871778	-1.14708	0.144764	1.63816	1.63816	0.0333345	2.18965	2.18965	0.00679334	0.331099	-3.02024
cg26408888	CARKD	0.00368533	0.00594288	0.235911	-4.23889	0.00109326	0.144576	-6.91679	0.0126768	0.288255	-3.46915	0.0060719	0.237286	-4.21432	0.0176418	0.313793	-3.18681
cg03530744	CARKD	0.00631384	0.013903	0.438857	-2.27865	0.00693623	0.387965	-2.57755	0.613029	0.870909	-1.14823	0.951222	1.01672	1.01672	0.0108679	0.42034	-2.37903
cg16682206	CARKD	0.00723287	0.0827206	1.47489	1.47489	0.0867412	0.682108	-1.46604	0.620183	1.10631	1.10631	0.0488349	1.57607	1.57607	0.0867435	0.682111	-1.46604
cg12658929	CARKD	0.0128757	0.224085	0.557619	-1.79334	0.366473	1.52853	1.52853	0.208101	0.545004	-1.83485	0.384782	0.665299	-1.50308	0.212482	0.548513	-1.82311
cg21664614	CARKD	0.0154993	0.733714	1.11145	1.11145	0.400228	1.30536	1.30536	0.139787	1.63507	1.63507	0.494054	1.23975	1.23975	0.337451	0.736367	-1.35802
cg00023464	CARKD	0.019434	0.826872	0.941834	-1.06176	0.00113738	0.26996	-3.70425	0.0369603	0.515393	-1.94027	0.33894	1.30952	1.30952	0.21264	0.69829	-1.43207
cg23795623	CARKD	0.0208659	0.737106	0.97118	-1.02968	0.0348658	1.23794	1.23794	0.0483806	1.21626	1.21626	0.114364	1.16075	1.16075	0.0051323	1.37834	1.37834
cg16216153	CARKD	0.021155	0.292112	1.24409	1.24409	0.00221175	2.356	2.356	0.739866	1.06885	1.06885	0.041386	1.60008	1.60008	0.0495201	1.56485	1.56485
cg02922734	CARKD	0.0333133	0.688112	0.780291	-1.28157	0.0258604	5.08637	5.08637	0.477388	1.55916	1.55916	0.34955	0.553201	-1.80766	0.32758	0.537234	-1.86139
cg02041435	CARKD	0.0342585	0.293915	1.21997	1.21997	0.0556954	1.48582	1.48582	0.826262	0.960647	-1.04097	0.306342	1.2134	1.2134	0.138558	1.33806	1.33806
cg24234827	CARKD	0.0368583	0.144502	0.774264	-1.29155	0.163095	0.784274	-1.27507	0.337135	1.1753	1.1753	0.408962	0.871232	-1.1478	0.0110149	0.594188	-1.68297
cg18961064	CARKD	0.0448976	0.915433	1.05476	1.05476	0.69461	1.219	1.219	0.245542	0.543584	-1.83964	0.492087	1.41932	1.41932	0.00278836	0.126345	-7.91486
cg25709335	CARKD	0.0464328	0.22918	0.492473	-2.03057	0.129282	2.50944	2.50944	0.619506	1.32443	1.32443	0.603445	0.745152	-1.34201	0.154219	0.424795	-2.35407
cg07595035	CARKD	0.0477182	0.0999344	0.506883	-1.97284	0.587657	1.22918	1.22918	0.246552	0.633357	-1.57889	0.111438	1.92223	1.92223	0.0387178	0.405643	-2.46522
cg07007778	CARKD;CARKD	0.00471666	0.170761	1.13431	1.13431	0.00458342	1.38553	1.38553	0.109719	1.16259	1.16259	0.955911	1.00479	1.00479	0.204782	1.12255	1.12255
cg16525470	CARM1	0.0104629	0.561032	1.10219	1.10219	0.748597	0.948165	-1.05467	0.024363	1.55913	1.55913	0.119864	1.32223	1.32223	0.274326	0.82838	-1.20717
cg22378614	CARM1	0.0190795	0.546415	1.16318	1.16318	0.139699	0.674638	-1.48228	0.269724	1.32927	1.32927	0.436439	1.21727	1.21727	0.0155117	0.479402	-2.08593
cg12317676	CARM1	0.0360251	0.121479	1.24345	1.24345	0.167535	1.21037	1.21037	0.149955	1.22178	1.22178	0.439275	0.902692	-1.1078	0.136514	1.23144	1.23144
cg02321885	CARM1	0.0423428	0.054795	0.627998	-1.59236	0.0137812	0.521916	-1.91602	0.189755	0.743308	-1.34534	0.148701	0.718342	-1.39209	0.0252452	0.566497	-1.76524
cg14667848	CARS2	5.32E-05	2.55E-06	0.440057	-2.27243	0.187068	1.10625	1.10625	0.00163005	0.721869	-1.38529	0.737815	1.02456	1.02456	0.182886	1.10744	1.10744
cg04532438	CARS2	0.000157311	0.0420007	1.52647	1.52647	0.443084	0.868358	-1.1516	0.261647	1.23526	1.23526	0.00698758	1.87706	1.87706	8.36E-06	0.173255	-5.77185
cg08289839	CARS2	0.000187743	5.14E-05	0.316091	-3.16365	9.50E-05	0.347734	-2.87576	0.00616449	0.581081	-1.72093	0.587986	1.08666	1.08666	0.000286297	0.406636	-2.4592
cg02866700	CARS2	0.000213717	0.00413013	1.41681	1.41681	0.00100258	0.642455	-1.55653	0.0458863	1.23035	1.23035	0.00011197	1.84992	1.84992	0.0776518	1.19442	1.19442
cg20826899	CARS2	0.00142239	0.449357	0.839683	-1.19093	0.238285	1.3231	1.3231	0.120782	0.682924	-1.46429	0.848646	0.957618	-1.04426	2.95E-05	0.156357	-6.39563
cg08458055	CARS2	0.0029066	0.0745895	0.726131	-1.37716	0.0725136	1.38108	1.38108	0.6051	1.08768	1.08768	0.932203	0.986384	-1.0138	0.0014949	0.478224	-2.09107
cg18116097	CARS2	0.0061947	0.0597746	0.777269	-1.28656	0.478576	1.08921	1.08921	0.00288201	0.61498	-1.62607	0.365737	1.11654	1.11654	0.164657	0.83874	-1.19226
cg06214606	CARS2	0.0068157	0.000272828	0.284884	-3.51021	0.455276	1.17363	1.17363	0.331738	1.23469	1.23469	0.833134	0.956557	-1.04542	0.0620523	0.642567	-1.55626
cg24120728	CARS2	0.00892514	0.0543584	0.844975	-1.18347	0.0135859	1.27611	1.27611	0.242268	0.912483	-1.09591	0.0146348	0.786991	-1.27066	0.320237	0.926351	-1.0795
cg17394623	CARS2	0.0163668	0.994576	1.00127	1.00127	0.00199137	0.441273	-2.26617	0.0717704	0.686104	-1.45751	0.362365	0.839082	-1.19178	0.00995045	0.543318	-1.84054
cg11323433	CARS2	0.0177396	0.930526	0.981129	-1.01923	0.0747135	0.648089	-1.543	0.455248	0.84691	-1.18076	0.0386288	1.68763	1.68763	0.00141435	0.364434	-2.74398
cg00767116	CARS2	0.0194404	0.162192	0.756241	-1.32233	0.119037	0.728518	-1.37265	0.00161407	0.428954	-2.33125	0.39912	1.1754	1.1754	0.0119678	0.555988	-1.7986
cg25616771	CARS2	0.0200402	0.85637	1.02422	1.02422	0.16316	0.821508	-1.21727	0.167783	0.823496	-1.21434	0.556752	0.924492	-1.08168	0.497679	1.09521	1.09521
cg08400494	CARS2	0.0203168	0.611575	0.872321	-1.14637	0.301525	0.751629	-1.33044	0.823268	0.94208	-1.06148	0.0718153	0.585028	-1.70932	0.0399959	0.530926	-1.8835
cg02159763	CARS2	0.020979	0.00808566	0.428597	-2.33319	0.328582	0.777336	-1.28645	0.563973	1.15685	1.15685	0.629343	0.885607	-1.12917	0.00895168	0.435839	-2.29443
cg14677983	CARS2	0.023854	0.149959	0.792793	-1.26136	0.550522	1.09512	1.09512	0.905999	0.982385	-1.01793	0.158984	0.79734	-1.25417	0.697239	1.06058	1.06058
cg15747390	CARS2	0.0242199	0.140812	1.80853	1.80853	0.00100883	6.20299	6.20299	0.259973	1.55193	1.55193	0.132112	1.83651	1.83651	0.332517	1.45341	1.45341
cg02949523	CARS2	0.0258852	0.0998564	0.640515	-1.56124	0.0062105	0.414207	-2.41425	0.0139792	0.472427	-2.11673	0.229097	0.73213	-1.36588	0.158109	1.45178	1.45178
cg14835113	CARS2	0.0276317	0.0232567	1.37131	1.37131	0.32369	1.126	1.126	0.315062	0.886082	-1.12856	0.0116166	1.4438	1.4438	0.650637	1.05451	1.05451
cg22251048	CARS2	0.0341804	0.674446	0.914886	-1.09303	0.783053	1.05984	1.05984	0.116387	0.698198	-1.43226	0.0160813	0.537805	-1.85941	0.285049	0.791513	-1.2634
cg12104133	CARS2	0.0345285	0.733314	0.940862	-1.06286	0.000697705	0.397804	-2.5138	0.843453	0.965372	-1.03587	0.420547	1.15798	1.15798	0.612468	0.912972	-1.09532
cg20124610	CARS2	0.0395473	0.0333148	0.522477	-1.91396	0.0243014	2.01506	2.01506	0.33029	1.29976	1.29976	0.79167	0.933243	-1.07153	0.297531	0.754387	-1.32558
cg22488462	CARS2	0.0444696	0.0409186	2.42952	2.42952	0.17552	1.71936	1.71936	0.250183	0.636302	-1.57158	0.0731234	2.12107	2.12107	0.142618	1.80919	1.80919
cg14268436	CARS;CARS;CARS;CARS	0.00289765	0.0588151	1.08994	1.08994	0.19432	0.9461	-1.05697	0.00127501	0.827283	-1.20878	0.279054	0.955603	-1.04646	0.0448633	0.91128	-1.09736
cg08895021	CARS;CARS;CARS;CARS	0.00388568	0.00227797	1.36459	1.36459	0.0305582	0.831009	-1.20336	0.079549	1.15229	1.15229	0.00111325	1.41888	1.41888	0.103856	1.13831	1.13831
cg20324356	CARS;CARS;CARS;CARS	0.006602	0.00613609	0.526945	-1.89773	0.708418	0.934907	-1.06962	0.510687	1.12697	1.12697	0.428177	0.865088	-1.15595	0.0174645	0.595494	-1.67928
cg21190595	CARS;CARS;CARS;CARS	0.0170528	0.0785922	0.491236	-2.03568	0.000365221	0.125215	-7.98628	0.0521367	0.447629	-2.23399	0.971458	1.0131	1.0131	0.615041	0.831521	-1.20262
cg17055371	CARS;CARS;CARS;CARS	0.0211705	0.0086737	0.680335	-1.46987	0.685266	0.954172	-1.04803	0.584052	1.06572	1.06572	0.398787	1.10457	1.10457	0.0111084	1.44275	1.44275
cg08351336	CARTPT	9.74E-06	0.00146571	1.5287	1.5287	0.0429249	1.2402	1.2402	0.0173665	1.30691	1.30691	0.1339	1.1611	1.1611	3.54E-06	2.73428	2.73428
cg20798152	CARTPT	0.000110854	0.000447763	2.66914	2.66914	4.08E-05	4.00552	4.00552	0.0251737	1.60334	1.60334	0.677094	1.07708	1.07708	0.000945116	2.39694	2.39694
cg01187920	CARTPT	0.000165503	0.813784	1.05703	1.05703	3.31E-05	6.64777	6.64777	0.0763054	1.58973	1.58973	8.33E-05	5.28527	5.28527	0.503718	0.852565	-1.17293
cg23085154	CARTPT	0.000827824	0.0315202	0.521452	-1.91772	0.00228488	3.00788	3.00788	0.0820388	0.60807	-1.64455	0.025487	0.503871	-1.98463	0.0680544	0.590025	-1.69484
cg02762440	CARTPT	0.000883702	0.0423185	1.48909	1.48909	0.0761431	0.71464	-1.39931	0.0862233	1.38089	1.38089	0.779488	1.04895	1.04895	0.35941	1.17402	1.17402
cg26146287	CARTPT	0.00113168	0.00334667	2.49891	2.49891	0.000370492	0.27063	-3.69509	0.0302182	0.557372	-1.79413	0.271025	0.768851	-1.30064	0.0912733	1.53206	1.53206
cg14999396	CARTPT	0.00289048	0.000686066	0.103541	-9.65801	0.0394523	0.352788	-2.83456	0.0518825	0.380035	-2.63134	0.11223	0.469385	-2.13045	0.0693749	0.411281	-2.43143
cg22517388	CARTPT	0.0105914	0.0170128	2.42725	2.42725	0.0120667	2.59572	2.59572	0.847507	0.94302	-1.06042	0.681204	1.13415	1.13415	0.00414596	3.2259	3.2259
cg22212873	CARTPT	0.0133297	0.0170648	0.0964243	-10.3708	0.00391288	0.0439971	-22.7288	0.0582055	0.178737	-5.59481	0.550759	0.615375	-1.62503	0.0181573	0.09953	-10.0472
cg23300372	CARTPT	0.0182584	0.238296	1.32606	1.32606	0.861613	0.960919	-1.04067	0.115529	1.47831	1.47831	0.0576202	1.63318	1.63318	0.0156689	0.50823	-1.96761
cg18250028	CARTPT	0.018953	0.11244	2.35602	2.35602	0.689458	0.819397	-1.22041	0.716869	0.834766	-1.19794	0.00365005	0.142298	-7.02751	?	?	?
cg26371061	CARTPT	0.0240048	0.0330099	1.68971	1.68971	0.00431512	2.23182	2.23182	0.957881	0.98895	-1.01117	0.914085	1.02297	1.02297	0.159106	1.37249	1.37249
cg02372702	CASC1;CASC1;CASC1	0.00231267	0.00194127	0.199458	-5.01359	0.0375039	0.411659	-2.4292	0.00168087	0.191796	-5.21387	0.0290066	0.38812	-2.57652	0.000711481	0.150184	-6.65848
cg15732422	CASC1;CASC1;CASC1	0.0156347	0.0938247	1.39257	1.39257	0.00113688	0.423025	-2.36393	0.0315532	0.635624	-1.57326	0.0515981	0.671532	-1.48913	0.45557	0.872328	-1.14636
cg18479656	CASC1;CASC1;CASC1;LYRM5;CASC1;CASC1	0.0055772	0.414289	1.12788	1.12788	0.827368	0.968997	-1.03199	0.787909	1.03965	1.03965	0.382053	0.878734	-1.138	0.00840516	0.615447	-1.62483
cg01100203	CASC1;CASC1;LYRM5;CASC1	0.0181978	0.126089	0.687982	-1.45353	0.199312	1.35858	1.35858	0.0529195	1.64392	1.64392	0.371078	0.812585	-1.23064	0.000773917	0.3167	-3.15756
cg06710176	CASC1;LYRM5;CASC1;CASC1	0.0346045	0.740584	0.947497	-1.05541	0.481307	0.890309	-1.12321	0.00525794	1.81737	1.81737	0.39448	0.867995	-1.15208	0.48102	1.12329	1.12329
cg17374433	CASC2;CASC2	0.00185368	0.0102932	0.254425	-3.93044	0.0010967	0.130271	-7.67632	0.0621582	0.4111	-2.4325	0.0110848	3.85104	3.85104	0.00964474	0.249888	-4.00179
cg14153677	CASC2;CASC2	0.00684065	0.987797	0.991959	-1.00811	0.00531817	0.143862	-6.95111	0.00745125	0.162147	-6.16724	0.0783968	0.356222	-2.80724	0.361538	0.60947	-1.64077
cg12433926	CASC2;CASC2;CASC2	0.000787228	9.16E-05	0.26823	-3.72815	0.102792	1.39955	1.39955	0.291913	0.813882	-1.22868	0.000841958	0.388426	-2.57449	0.0505367	0.657265	-1.52146
cg15647631	CASC2;CASC2;RAB11FIP2;CASC2	0.0081431	0.233352	0.857578	-1.16607	0.00247059	0.596005	-1.67784	0.0436114	1.33011	1.33011	0.593688	1.06845	1.06845	0.0126736	1.46372	1.46372
cg24258592	CASC2;RAB11FIP2;CASC2;CASC2	7.63E-05	0.00178865	0.61253	-1.63257	0.00277315	1.57619	1.57619	0.291512	0.886296	-1.12829	0.462357	1.08601	1.08601	0.671009	1.04825	1.04825
cg17797815	CASC2;RAB11FIP2;CASC2;CASC2	0.000345269	0.000224368	0.207965	-4.8085	0.0321612	1.90004	1.90004	0.0155694	0.468241	-2.13565	0.753431	1.08394	1.08394	0.00303415	2.82639	2.82639
cg27228559	CASC2;RAB11FIP2;CASC2;CASC2	0.0110506	0.0231224	0.725799	-1.37779	0.373669	1.11378	1.11378	0.466601	1.09136	1.09136	0.601396	1.06417	1.06417	0.178517	0.84479	-1.18373
cg27339291	CASC2;RAB11FIP2;CASC2;CASC2	0.0166173	0.0477042	1.90001	1.90001	0.31122	0.743044	-1.34582	0.981369	1.00664	1.00664	0.845364	0.946151	-1.05691	0.00131469	0.265693	-3.76375
cg20193453	CASC2;RAB11FIP2;CASC2;RAB11FIP2;CASC2	0.0158869	0.00276626	0.381438	-2.62166	0.863507	0.960619	-1.04099	0.542857	0.866044	-1.15468	0.493261	1.17641	1.17641	0.0114143	0.47746	-2.09442

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06779606	0.0921111	0.676357	-1.47851	0.0273835	1.73398	1.73398	0.568133	0.885435	-1.12939	0.905742	0.975327	-1.0253	4.46429	3.1449	0.626184	1
cg17768768	0.069864	0.188397	-5.30794	0.018733	0.095768	-10.4419	0.00476858	0.0457072	-21.8784	0.175535	0.30539	-3.2745	4.36461	46.8724	9.54596	1
cg06830441	0.123054	0.73421	-1.36201	0.275441	1.23346	1.23346	0.622596	0.912341	-1.09608	0.545364	0.892988	-1.11984	4.24598	2.29984	0.481467	1
cg10009968	0.0978105	3.05984	3.05984	0.0273042	4.9932	4.9932	0.0238399	5.26169	5.26169	0.00453161	10.2646	10.2646	3.86563	23.2114	5.33738	1
cg15658543	0.0842523	0.529467	-1.88869	0.11088	1.78293	1.78293	0.406197	1.32696	1.32696	0.984492	0.99355	-1.00649	3.85435	6.76549	1.56025	1
cg27064927	0.416135	1.28092	1.28092	0.00320764	0.3017	-3.31455	0.051882	0.517378	-1.93282	0.687216	0.886409	-1.12815	3.71964	5.22784	1.24931	1
cg20308351	0.990509	1.00479	1.00479	0.0976817	0.481879	-2.07521	0.0137592	0.294171	-3.39939	0.390718	0.702339	-1.42381	3.50417	8.95824	2.2724	1
cg00119896	0.478757	1.36403	1.36403	0.00501228	4.95652	4.95652	0.0361993	2.85787	2.85787	0.116074	2.08819	2.08819	3.41454	10.0511	2.61654	1
cg08699655	0.026845	1.40218	1.40218	7.24E-05	0.394082	-2.53754	0.506588	0.9168	-1.09075	0.281661	1.15515	1.15515	18.3145	4.81999	0.233937	1
cg04453648	0.186388	1.43742	1.43742	0.114566	0.641115	-1.55978	0.201725	0.705257	-1.41792	0.0113445	0.439931	-2.27308	7.87543	8.36873	0.944567	1
cg19274270	0.102357	0.728608	-1.37248	0.00136751	0.439189	-2.27693	0.0037172	0.499497	-2.00202	0.010533	0.565516	-1.7683	5.68753	2.82578	0.441633	1
cg05022061	0.0224745	0.328888	-3.04055	0.00888796	0.258122	-3.87413	0.260878	0.62065	-1.61122	0.0279403	0.347674	-2.87626	4.91398	12.8776	2.32944	1
cg02149658	0.412771	0.779902	-1.28221	0.0491863	0.513481	-1.94749	0.412303	0.779699	-1.28255	0.28938	0.721463	-1.38607	4.35446	6.07791	1.2407	1
cg26257145	0.0392787	0.494598	-2.02184	0.023762	0.450841	-2.21808	0.634284	0.868087	-1.15196	0.0362359	0.487331	-2.05199	3.74118	5.16297	1.2267	1
cg27198843	0.316693	0.942986	-1.06046	6.55E-06	1.76668	1.76668	0.00108632	0.760743	-1.31451	0.471262	0.959291	-1.04244	23.8777	1.21628	0.0452782	1
cg25756586	0.122824	0.758964	-1.31759	6.25E-05	0.296206	-3.37603	8.15E-06	0.200348	-4.99132	0.00442177	0.534359	-1.8714	20.4368	8.80838	0.383117	1
cg05820859	0.210328	0.690135	-1.44899	0.0299834	2.04892	2.04892	6.45E-05	0.127065	-7.87	0.0135332	0.423736	-2.35996	13.6347	17.0454	1.11124	1
cg14890343	0.596622	1.11092	1.11092	7.36E-05	0.241877	-4.13433	0.0532528	0.648912	-1.54104	0.0157557	0.558389	-1.79087	13.0117	7.99247	0.546003	1
cg24206431	0.0985149	0.585823	-1.707	0.0398661	0.495998	-2.01614	0.00267801	0.293726	-3.40453	0.00185921	0.271616	-3.68166	10.1765	14.0398	1.22634	1
cg20571913	0.0474558	0.542717	-1.84258	0.00694648	0.390082	-2.56357	0.0115487	0.426848	-2.34275	0.00267326	0.326559	-3.06223	9.26477	10.66	1.02275	1
cg06957348	0.0308384	0.443278	-2.25592	0.00303476	0.271647	-3.68125	0.000619066	0.184437	-5.42191	0.0144608	0.380242	-2.6299	8.25579	13.4608	1.44931	1
cg15910686	0.0864078	0.452472	-2.21008	0.463643	0.731769	-1.36655	0.0174187	0.297612	-3.36008	0.00290592	0.180256	-5.54767	7.12325	19.7733	2.46746	1
cg03130276	0.067533	0.477604	-2.09379	0.063963	0.471813	-2.11948	0.0261345	0.385914	-2.59125	0.0112176	0.317792	-3.14671	6.85686	14.1359	1.83251	1
cg14645721	0.522937	1.1457	1.1457	0.729715	0.929727	-1.07558	0.630219	0.903115	-1.10728	0.655891	1.0988	1.0988	6.68276	4.67119	0.621325	1
cg26693451	0.481587	1.15542	1.15542	0.17407	0.74674	-1.33915	0.878188	1.03146	1.03146	0.231408	0.776068	-1.28855	5.37358	3.47137	0.574228	1
cg11850508	0.0852998	0.261424	-3.8252	0.00427897	0.067535	-14.8071	0.0153781	0.122749	-8.14671	0.0372711	0.181775	-5.50131	3.99796	31.493	7.00201	1
cg21127362	0.0372085	0.609375	-1.64103	0.564643	1.12664	1.12664	0.110656	0.70048	-1.42759	0.385362	0.833387	-1.19992	3.82895	2.54339	0.590446	1
cg00135416	0.254922	0.6748	-1.48192	0.0161697	0.377711	-2.64752	0.583223	0.832466	-1.20125	0.16789	0.614864	-1.62638	3.60815	6.25745	1.54156	1
cg11555666	0.0653729	0.130303	-7.67444	0.00573186	0.028204	-35.456	0.0191105	0.0611626	-16.3499	0.0442746	0.10265	-9.74185	3.52471	54.1859	13.665	1
cg13775050	0.852312	0.917684	-1.0897	0.706545	0.840013	-1.19046	0.176387	1.9396	1.9396	0.155507	0.496328	-2.0148	3.41611	11.4944	2.9909	1
cg04535665	0.55723	0.908637	-1.10055	0.0865827	1.35733	1.35733	0.382988	1.15533	1.15533	0.000228166	0.372161	-2.68701	20.7638	8.56619	0.366714	1
cg02556071	1.00E-05	0.132351	-7.55564	7.52E-06	0.122256	-8.17956	0.201114	1.33382	1.33382	0.0011521	0.360933	-2.7706	29.026	20.9244	0.640788	1
cg20120939	4.82E-05	0.469759	-2.12875	0.0487177	0.800617	-1.24904	0.0376944	1.26885	1.26885	0.00832695	0.716684	-1.39532	15.0905	2.33203	0.137365	1
cg20338030	0.14762	0.667422	-1.4983	3.50E-05	0.124804	-8.01254	0.665434	0.892948	-1.11989	0.0180695	0.473618	-2.11141	10.8386	11.6269	0.953538	1
cg21643095	0.0314331	0.467166	-2.14057	0.00259946	0.284159	-3.51916	0.0381295	2.06433	2.06433	0.10563	0.586784	-1.70421	7.09506	10.2196	1.28034	1
cg22374268	0.0610222	0.71562	-1.39739	0.00623894	0.568396	-1.75934	0.639604	1.07761	1.07761	0.0279424	0.662583	-1.50925	6.63219	2.63825	0.353595	1
cg09527301	0.875875	0.977173	-1.02336	0.255495	0.839149	-1.19168	0.495703	0.902858	-1.10759	0.531126	0.910539	-1.09825	15	5.1845	0.307229	1
cg16250754	0.00460379	0.182783	-5.47098	0.00131676	0.121663	-8.2194	0.138747	0.487638	-2.0507	0.00370862	0.170862	-5.85269	10.3884	33.4133	2.85902	1
cg01784614	0.00896896	0.421407	-2.373	0.000245521	0.206946	-4.83217	0.961846	1.01252	1.01252	0.0424728	0.544711	-1.83584	8.24939	8.83328	0.951804	1
cg05981038	0.308485	0.500015	-1.99994	0.0140699	0.136254	-7.33924	0.098438	0.303706	-3.29266	0.021488	0.162635	-6.14875	4.39694	30.1112	6.0873	1
cg26818786	0.117409	0.34626	-2.888	0.0868391	0.307474	-3.25231	0.176931	0.408578	-2.44752	0.41938	0.597777	-1.67286	3.81638	23.5074	5.47522	1
cg05305046	0.0222073	0.317259	-3.152	0.129983	0.504103	-1.98372	0.283801	1.59413	1.59413	0.855114	0.926308	-1.07955	3.40086	9.44658	2.46907	1
cg26683005	0.0536778	1.60103	1.60103	0.00606208	2.15951	2.15951	0.015846	1.88665	1.88665	0.140083	0.711053	-1.40636	8.59801	6.28352	0.64961	1
cg11613157	0.617486	0.819388	-1.22042	0.00153435	0.164705	-6.07144	0.626943	0.823843	-1.21382	0.114496	0.50706	-1.97215	5.02945	12.4674	2.20345	1
cg13784866	0.195737	0.844344	-1.18435	0.528858	1.08209	1.08209	0.048457	0.756697	-1.32153	0.181671	1.19163	1.19163	15.1654	3.67281	0.215275	1
cg13652841	0.0387673	0.540714	-1.84941	0.00683957	0.406551	-2.45971	0.00774204	0.415261	-2.40812	0.0184055	0.479596	-2.08509	7.35687	7.69173	0.929348	1
cg13988014	0.073237	0.520517	-1.92117	0.000354654	0.15341	-6.51847	0.0323495	0.440875	-2.26822	0.0316801	0.439	-2.2779	6.51872	11.0292	1.50393	1
cg12605157	0.0315055	0.428706	-2.3326	0.00207036	0.233074	-4.29049	0.0422579	0.455833	-2.19379	0.429236	0.762629	-1.31125	5.11192	9.1297	1.58752	1
cg03065197	0.068121	0.650823	-1.53652	0.259457	0.780868	-1.28063	0.00514291	0.459791	-2.1749	0.120442	0.70177	-1.42497	3.88305	2.71874	0.622361	1
cg05416955	0.0034218	0.339088	-2.94909	0.0960395	0.608331	-1.64384	0.742068	0.914106	-1.09397	0.523672	0.838837	-1.19213	3.77202	4.4175	1.041	1
cg14035368	0.0144498	8.36878	8.36878	0.00165444	23.8935	23.8935	0.00498194	13.7355	13.7355	0.0328387	5.80999	5.80999	6.13181	48.2474	6.99411	1
cg00853853	0.0715969	2.18728	2.18728	0.302965	0.660271	-1.51453	0.0729838	2.17712	2.17712	0.0423165	2.48387	2.48387	5.0147	12.0202	2.13066	1
cg18033770	0.0770494	2.66362	2.66362	0.106385	2.40763	2.40763	0.0134881	4.59064	4.59064	0.0683039	2.76527	2.76527	4.00346	15.7449	3.49585	1
cg09500196	0.287385	0.744069	-1.34396	0.7491	0.91771	-1.08967	0.018462	2.14869	2.14869	0.0338603	0.515315	-1.94056	5.22981	5.93219	1.00827	1
cg26661402	1.25E-05	0.191391	-5.2249	0.000363678	0.35814	-2.79221	0.629336	0.91631	-1.09133	0.234061	0.799172	-1.25129	14.3032	7.31573	0.454645	1
cg02706273	0.0380943	0.456753	-2.18937	0.0100991	0.347153	-2.88057	0.062206	1.98241	1.98241	0.235959	0.667092	-1.49904	9.76276	16.4288	1.49582	1
cg04007936	?	?	?	0.795838	0.963098	-1.03832	0.336261	1.15463	1.15463	0.613477	1.07666	1.07666	8.63769	2.55713	0.296043	1
cg02349264	0.0285053	1.77475	1.77475	0.289441	1.2764	1.2764	0.818655	0.950307	-1.05229	0.0146608	1.9482	1.9482	4.5578	3.55574	0.693462	1
cg00840257	0.949237	1.00938	1.00938	0.114175	0.777338	-1.28644	0.00532557	0.583806	-1.7129	0.0484363	1.39167	1.39167	4.14579	1.41073	0.302471	1
cg03917077	0.00146878	1.62932	1.62932	0.00650544	0.68661	-1.45643	0.193277	0.863846	-1.15761	0.00307847	0.65002	-1.53841	16.1823	2.89681	0.159121	1
cg07708806	0.257636	0.755851	-1.32301	0.0264883	0.536158	-1.86512	0.173891	0.709788	-1.40887	0.00538078	0.419649	-2.38294	4.13568	3.6775	0.790412	1
cg06258529	0.00304243	0.561474	-1.78103	0.00779575	0.615311	-1.6252	0.000265192	2.34322	2.34322	0.904605	1.01719	1.01719	12.7785	4.0903	0.284526	1
cg27075939	0.0612027	0.834386	-1.19849	0.000928668	0.640679	-1.56084	0.3596	0.923408	-1.08295	0.00723208	1.35564	1.35564	10.1968	1.12187	0.0855719	1
cg03869874	0.318814	1.11841	1.11841	0.00194395	0.6212	-1.60979	0.0133985	0.717013	-1.39467	0.0121396	1.40434	1.40434	8.49358	1.5871	0.166096	1
cg20212336	0.62409	0.85586	-1.16842	0.187049	0.643589	-1.55379	0.000131364	0.123519	-8.09594	0.477039	0.796252	-1.25588	8.37588	13.1734	1.39803	1
cg26408888	0.0140913	0.296236	-3.37568	0.00097102	0.139323	-7.17757	0.721674	0.866229	-1.15443	0.0194976	0.321882	-3.10672	8.04839	20.5467	2.26924	1
cg03530744	0.00410007	0.352151	-2.83969	0.0176779	0.457478	-2.1859	0.527645	0.840774	-1.18938	0.000903592	0.260342	-3.84111	6.83063	7.9459	1.03402	1
cg16682206	0.00175204	0.405801	-2.46426	0.00855879	0.507479	-1.97053	0.0831931	1.47382	1.47382	0.392642	0.837704	-1.19374	6.54789	4.2408	0.575697	1
cg12658929	0.627209	0.799458	-1.25085	0.000244015	0.0624632	-16.0094	0.217252	1.81065	1.81065	0.158125	0.50154	-1.99386	5.44721	18.0433	2.94435	1
cg21664614	0.288729	0.711189	-1.4061	0.000318755	0.164715	-6.0711	0.610187	0.852901	-1.17247	0.497064	0.807855	-1.23785	5.12482	7.77294	1.3482	1
cg00023464	0.0178941	0.455065	-2.19749	0.790808	0.929849	-1.07544	0.0606844	0.560707	-1.78346	0.0590217	0.558064	-1.79191	4.75061	5.63136	1.05369	1
cg23795623	0.228343	0.896062	-1.11599	0.285107	0.908127	-1.10117	0.00989207	1.32697	1.32697	0.829123	0.981414	-1.01894	4.63715	0.553325	0.106066	1
cg16216153	0.0781005	1.47866	1.47866	0.00272195	2.2866	2.2866	0.497609	1.1475	1.1475	0.841675	1.04077	1.04077	4.61542	2.91843	0.562063	1
cg02922734	0.33549	0.543021	-1.84155	0.00212803	0.0703634	-14.2119	0.424679	1.65078	1.65078	0.288617	0.508003	-1.96849	3.93666	23.5665	5.32127	1
cg02041435	0.749426	0.943155	-1.06027	0.0146696	0.577689	-1.73103	0.0102186	0.553562	-1.80648	0.45028	0.868929	-1.15084	3.89718	2.05878	0.469578	1
cg24234827	0.557554	0.907725	-1.10166	0.0364084	1.48734	1.48734	0.511865	0.897098	-1.11471	0.0142321	0.610443	-1.63815	3.79516	1.60139	0.375072	1
cg18961064	0.798626	0.879584	-1.1369	0.134897	2.24547	2.24547	0.767736	0.861881	-1.16025	0.0277207	0.27091	-3.69126	3.52853	14.0761	3.54597	1
cg25709335	0.304993	0.550867	-1.81532	0.00211356	0.0883881	-11.3137	0.386607	1.64572	1.64572	0.257973	0.515514	-1.93981	3.4843	17.3877	4.43581	1
cg07595035	0.0923564	0.497481	-2.01013	0.0438687	0.417683	-2.39416	0.0482306	2.34163	2.34163	0.99375	1.00296	1.00296	3.44863	7.75916	1.99993	1
cg07007778	0.0280589	1.25128	1.25128	0.00104715	0.657662	-1.52054	0.0387893	0.81324	-1.22965	0.368635	1.08305	1.08305	7.47023	0.883153	0.105087	1
cg16525470	0.267119	0.825826	-1.21091	0.00212474	0.489303	-2.04372	0.0179011	0.621062	-1.61014	0.056158	1.43051	1.43051	5.82554	2.52804	0.38574	1
cg22378614	0.389567	1.24403	1.24403	0.00104094	0.300491	-3.32789	0.878427	0.962802	-1.03864	0.279517	0.756977	-1.32104	4.7803	4.64328	0.863409	1
cg12317676	0.00470181	0.614133	-1.62831	0.711985	0.953014	-1.0493	0.268214	0.860992	-1.16145	0.101918	1.26156	1.26156	3.82686	1.02084	0.237116	1
cg02321885	0.00492884	0.451374	-2.21546	0.0895247	0.67044	-1.49156	0.574472	0.885888	-1.12881	0.0555718	0.629172	-1.58939	3.60643	2.60551	0.642187	1
cg14667848	0.000257277	1.5441	1.5441	0.041242	1.18533	1.18533	0.126601	1.12673	1.12673	0.286984	1.08311	1.08311	26.1823	2.16197	0.073399	1
cg04532438	0.000879717	0.406536	-2.45981	0.0135538	0.576112	-1.73577	0.0668177	1.44903	1.44903	0.0689415	0.69255	-1.44394	19.6037	10.115	0.458645	1
cg08289839	0.00165378	0.504497	-1.98217	0.0005839	0.445833	-2.24299	0.387599	1.14403	1.14403	0.0199488	0.652584	-1.53237	18.6887	6.83373	0.325032	1
cg02866700	0.0641248	1.2074	1.2074	0.000439387	1.65373	1.65373	0.0272788	0.789275	-1.26699	0.0132908	0.757364	-1.32037	18.0434	2.34514	0.115531	1
cg20826899	0.061413	1.61228	1.61228	0.0982284	0.662936	-1.50844	0.698699	1.09217	1.09217	0.0149555	0.507532	-1.97032	10.6409	8.65818	0.723261	1
cg08458055	0.00128444	0.469456	-2.13013	0.134964	0.771331	-1.29646	0.00520304	1.81145	1.81145	0.181604	0.795748	-1.25668	8.63883	3.55178	0.365459	1
cg18116097	0.0101288	0.680597	-1.4693	0.00274659	1.6327	1.6327	0.566329	1.07118	1.07118	0.278647	0.874921	-1.14296	6.87102	1.53123	0.198091	1
cg06214606	0.0458963	1.61886	1.61886	0.0713472	1.52804	1.52804	0.78988	1.05783	1.05783	0.909266	0.976285	-1.02429	6.67033	4.68204	0.623929	1
cg24120728	0.386733	0.936228	-1.06812	0.00973246	1.30137	1.30137	0.244197	1.09545	1.09545	0.00493355	0.736613	-1.35756	8.33541	0.68124	0.0544857	1
cg17394623	0.471944	0.871869	-1.14696	0.0232129	1.66279	1.66279	0.926944	0.982961	-1.01733	0.32642	0.827067	-1.20909	5.03286	2.79926	0.494397	1
cg11323433	0.357236	1.22981	1.22981	0.0506004	1.62693	1.62693	0.800107	0.946075	-1.057	0.808548	0.948346	-1.05447	4.89906	3.70359	0.671981	1
cg00767116	0.0225107	0.599521	-1.668	0.747434	0.941303	-1.06236	0.035049	0.631426	-1.58372	0.881835	0.972537	-1.02824	4.75008	2.63687	0.493441	1
cg25616771	0.985064	1.00248	1.00248	0.00112701	1.8836	1.8836	0.0223829	0.696665	-1.43541	0.727853	0.954903	-1.04723	4.70136	1.29918	0.245636	1
cg08400494	0.000522132	0.236308	-4.23177	0.806883	1.06751	1.06751	0.506917	1.19673	1.19673	0.0921397	0.609884	-1.63966	4.67949	5.27261	1.00155	1
cg02159763	0.0971885	0.634638	-1.5757	0.00177393	0.328983	-3.03967	0.3986	0.805835	-1.24095	0.477682	0.834996	-1.19761	4.62861	4.57401	0.878403	1
cg14677983	0.659341	0.935439	-1.06902	0.000591976	2.22134	2.22134	0.536573	1.09872	1.09872	0.632133	0.930009	-1.07526	4.42875	1.58748	0.318621	1
cg15747390	0.500207	1.29169	1.29169	0.898008	1.04913	1.04913	0.00667638	3.72954	3.72954	0.0483415	2.32522	2.32522	4.40546	9.76107	1.96949	1
cg02949523	0.203619	0.717852	-1.39305	0.0633626	1.67499	1.67499	0.648374	0.892772	-1.12011	0.586749	1.14521	1.14521	4.30472	4.16093	0.859197	1
cg14835113	0.185496	0.849205	-1.17757	0.00413648	1.5646	1.5646	0.870163	1.01923	1.01923	0.994206	0.999155	-1.00085	4.20735	0.903166	0.190813	1
cg22251048	0.00241059	0.410686	-2.43495	0.938169	1.01647	1.01647	0.0180835	0.546323	-1.83042	0.202562	0.753316	-1.32746	3.90039	2.73874	0.624152	1
cg12104133	0.626168	0.916217	-1.09144	0.335262	0.837684	-1.19377	0.653713	0.922666	-1.08382	0.164349	1.30273	1.30273	3.88615	1.95539	0.447262	1
cg20124610	0.653113	1.12532	1.12532	0.0992626	1.60255	1.60255	0.022152	0.488778	-2.04592	0.213188	0.710256	-1.40794	3.6986	3.98983	0.95888	1
cg22488462	0.679603	1.16911	1.16911	0.00240776	4.90566	4.90566	0.171189	1.73003	1.73003	0.662629	1.17958	1.17958	3.5412	7.93813	1.99258	1
cg14268436	0.977527	0.998864	-1.00114	0.00160862	1.20025	1.20025	0.0120674	0.881347	-1.13463	0.0728204	0.922421	-1.0841	8.64674	0.222982	0.0229227	1
cg08895021	0.0109368	1.26194	1.26194	0.00745053	1.28533	1.28533	0.903334	1.00889	1.00889	0.800444	1.01862	1.01862	7.92137	0.665686	0.0746993	1
cg20324356	0.0355587	0.645078	-1.5502	0.000295628	0.347858	-2.87474	0.0820791	0.708116	-1.4122	0.0355053	0.64497	-1.55046	6.73673	3.42485	0.451897	1
cg21190595	0.0935231	0.511122	-1.95648	0.998655	0.999387	-1.00061	0.29481	0.673455	-1.48488	0.506514	1.27792	1.27792	4.96434	10.4092	1.86382	1
cg17055371	0.794524	0.970397	-1.03051	0.00844036	0.678928	-1.47291	0.42676	1.09793	1.09793	0.445724	1.09362	1.09362	4.61427	0.968701	0.18661	1
cg08351336	0.439561	0.92975	-1.07556	2.95E-07	4.01643	4.01643	0.000601545	1.63065	1.63065	0.471448	1.07003	1.07003	40.8427	5.52261	0.120192	1
cg20798152	0.601572	0.91082	-1.09791	0.00180505	0.455267	-2.19651	7.57E-05	3.57133	3.57133	0.0237023	1.61413	1.61413	21.5381	10.7241	0.44259	1
cg01187920	0.131871	0.682287	-1.46566	0.288057	0.771611	-1.29599	9.28E-05	5.15314	5.15314	0.780617	1.06783	1.06783	19.3369	16.9227	0.77791	1
cg23085154	0.000485986	0.243691	-4.10356	0.0252961	0.503258	-1.98705	0.00018386	0.195533	-5.11421	0.312665	0.763651	-1.3095	12.412	13.1042	0.938461	1
cg02762440	0.00309925	0.502076	-1.99173	0.0476185	0.679983	-1.47062	0.133107	1.31768	1.31768	5.32E-05	3.61174	3.61174	12.1854	5.59409	0.408071	1
cg26146287	0.0152671	0.504944	-1.98042	0.00377041	2.45153	2.45153	0.0953153	0.656811	-1.52251	0.690587	1.09612	1.09612	11.3601	9.46646	0.74072	1
cg14999396	0.205433	0.557518	-1.79366	0.000107411	0.0504094	-19.8376	0.131417	0.490528	-2.03862	0.0172481	0.281152	-3.5568	8.65309	26.2147	2.69291	1
cg22517388	0.0609671	1.90326	1.90326	0.123879	0.601809	-1.66166	0.00472646	3.13839	3.13839	0.0572025	1.92637	1.92637	5.80276	8.53455	1.30735	1
cg22212873	0.0432459	0.154088	-6.48981	0.00129372	0.0230383	-43.406	0.218207	0.352825	-2.83426	0.084884	0.215976	-4.63014	5.38587	55.1861	9.10798	1
cg23300372	0.374952	1.23128	1.23128	0.307823	0.7857	-1.27275	0.00209314	2.68875	2.68875	0.27029	1.29986	1.29986	4.8518	4.01121	0.734886	1
cg18250028	0.0177391	0.239346	-4.17806	0.717698	1.19727	1.19727	0.049867	3.03189	3.03189	0.311328	1.68108	1.68108	4.87885	16.8906	3.46201	1
cg26371061	0.775836	0.941702	-1.06191	0.0332736	0.592437	-1.68794	0.0199597	1.80567	1.80567	0.452472	1.17473	1.17473	4.41909	3.0982	0.623195	1
cg02372702	0.0428277	0.424337	-2.35662	0.00049856	0.134935	-7.41095	0.733046	0.88171	-1.13416	0.135499	0.553427	-1.80692	9.2411	19.79	1.90358	1
cg15732422	0.174624	0.771429	-1.2963	0.119873	1.35428	1.35428	0.594419	0.907931	-1.10141	0.607974	0.911201	-1.09745	5.11006	2.61429	0.454753	1
cg18479656	0.00424986	0.575945	-1.73628	0.00026144	0.420821	-2.3763	0.558902	0.918301	-1.08897	0.0786472	0.754541	-1.32531	7.0971	2.33726	0.292734	1
cg01100203	0.362138	0.809241	-1.23573	0.553234	0.87325	-1.14515	0.773908	0.936989	-1.06725	0.363148	1.23515	1.23515	4.85723	3.92793	0.718824	1
cg06710176	0.881556	0.97609	-1.0245	0.00513662	0.548828	-1.82206	0.873865	1.02612	1.02612	0.525356	1.11012	1.11012	3.88306	1.62035	0.370921	1
cg17374433	0.205851	1.75933	1.75933	0.948179	1.0279	1.0279	0.00394421	5.1636	5.1636	0.56832	1.27648	1.27648	9.85735	27.9774	2.52287	1
cg14153677	0.815933	0.884173	-1.131	0.000381071	0.0500145	-19.9942	0.216842	0.503573	-1.98581	0.0123615	0.193153	-5.17724	6.66275	29.4112	3.9238	1
cg12433926	0.0531775	0.661191	-1.51242	0.678853	0.924588	-1.08156	0.236374	1.26322	1.26322	0.000555105	0.364569	-2.74296	12.589	7.07127	0.499292	1
cg15647631	0.265343	1.15342	1.15342	0.202352	0.847466	-1.17999	0.658368	0.946754	-1.05624	0.00983854	1.4936	1.4936	6.30883	1.51065	0.212845	1
cg24258592	0.000308978	0.524288	-1.90735	0.0679961	0.798188	-1.25284	8.12E-06	2.93075	2.93075	0.0111396	1.42035	1.42035	23.7987	4.58405	0.171216	1
cg17797815	0.00262468	0.34458	-2.90209	0.000334355	0.227612	-4.39345	0.400816	1.24604	1.24604	0.00811421	0.420217	-2.37972	15.8283	16.4018	0.921093	1
cg27228559	0.337999	0.889984	-1.12362	0.213516	1.16716	1.16716	0.540223	0.929444	-1.07591	0.000482208	1.90797	1.90797	5.72405	1.26233	0.196028	1
cg27339291	0.197812	1.47089	1.47089	0.033053	0.493358	-2.02693	0.608156	0.863644	-1.15788	0.147343	1.55388	1.55388	5.00744	6.37299	1.13129	1
cg20193453	0.208153	0.73355	-1.36323	0.0318826	1.79895	1.79895	0.430532	1.20668	1.20668	0.12466	1.47427	1.47427	5.08297	4.38911	0.76755	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07944724	CASC3	6.69E-05	?	?	?	3.54E-05	0.052958	-18.8829	?	?	?	?	?	?	?	?	?	?	?	?	4.29E-05	0.0636231	-15.7176	?	?	?	0.000163235	0.171524	-5.83008	862.322	23.7038	0.0274884	1
cg15597662	CASC3	0.00388332	0.0449176	0.575748	-1.73687	0.0717965	0.617454	-1.61955	0.134283	0.678875	-1.47302	0.162904	1.42944	1.42944	0.00620645	0.424905	-2.35347	0.00232994	0.360703	-2.77236	0.00114297	0.317521	-3.1494	0.00193623	0.349207	-2.86363	0.1119	0.660173	-1.51475	7.92282	7.21968	0.810001	1
cg02749804	CASC3	0.00460434	0.0364068	2.36236	2.36236	0.394222	1.36131	1.36131	0.0256083	2.55306	2.55306	0.118425	1.82057	1.82057	0.273399	1.49612	1.49612	0.402637	0.738794	-1.35356	0.00602615	3.55445	3.55445	0.000261056	8.34813	8.34813	0.00379714	3.97495	3.97495	7.52517	14.8894	1.75877	1
cg27426500	CASC3	0.0106806	0.723151	0.914541	-1.09344	0.538229	1.16943	1.16943	0.568864	0.865352	-1.1556	0.943237	0.982275	-1.01805	0.00165485	0.32278	-3.09809	0.00914175	0.435374	-2.29687	0.00229546	0.342875	-2.91652	0.516089	1.17983	1.17983	0.0764857	0.609621	-1.64036	5.78714	5.78147	0.888017	1
cg05221369	CASC3	0.0161337	0.162307	1.5518	1.5518	0.457669	1.24748	1.24748	0.812725	0.933123	-1.07167	0.6202	1.157	1.157	0.00325989	0.292144	-3.42297	0.517177	1.21152	1.21152	0.0017177	0.250659	-3.98949	0.30031	0.730038	-1.36979	0.900849	0.964308	-1.03701	5.66898	7.47209	1.02516	1
cg23101091	CASC3	0.01635	0.0656583	1.38005	1.38005	0.895303	1.02074	1.02074	0.10418	1.31918	1.31918	0.000444091	2.3738	2.3738	0.0220996	1.5341	1.5341	0.0931685	1.33376	1.33376	0.985467	1.00284	1.00284	0.0573676	1.39824	1.39824	0.584073	1.09003	1.09003	5.03459	1.93885	0.342316	1
cg25653011	CASC3	0.0185788	0.16797	0.843386	-1.1857	0.177851	0.84707	-1.18054	0.573405	0.93618	-1.06817	0.00912557	0.681185	-1.46803	0.620505	1.05956	1.05956	0.116491	0.82061	-1.21861	0.00347822	0.631484	-1.58357	0.0811188	1.25127	1.25127	0.139735	1.20226	1.20226	4.82344	1.02644	0.189158	1
cg19418818	CASC3	0.0188456	0.308089	0.851676	-1.17416	0.1292	1.28338	1.28338	0.103371	1.3114	1.3114	0.0999053	1.31571	1.31571	0.42683	1.13142	1.13142	0.203326	1.22673	1.22673	0.00250483	0.527826	-1.89456	0.0509181	0.712898	-1.40272	0.268792	1.19157	1.19157	4.80028	1.7607	0.326037	1
cg11104619	CASC4;CASC4	4.58E-05	0.000652587	0.414977	-2.40977	0.00169306	0.503886	-1.98458	0.929298	0.991403	-1.00867	0.000173307	0.290602	-3.44114	5.08E-05	0.185143	-5.40124	3.26E-05	0.151636	-6.59474	?	?	?	0.000116549	3.92316	3.92316	5.29E-05	5.31004	5.31004	232.757	26.9917	0.0579827	1
cg01254234	CASC4;CASC4	0.000127949	7.24E-06	0.391215	-2.55614	0.409171	1.08331	1.08331	0.002166	1.5038	1.5038	0.35262	1.09491	1.09491	0.00210212	0.663606	-1.50692	0.017191	0.759411	-1.31681	0.218951	0.884654	-1.13039	0.205599	1.13494	1.13494	0.00714637	1.38998	1.38998	20.725	2.94949	0.126503	1
cg21877473	CASC4;CASC4	0.00319183	0.147374	0.689766	-1.44977	0.000177457	0.219178	-4.56251	0.0216703	0.517594	-1.93202	0.24025	0.745473	-1.34143	0.00171677	0.343335	-2.91261	0.842116	0.953474	-1.0488	0.0259936	0.531921	-1.87998	0.135821	1.46813	1.46813	0.827696	0.949259	-1.05345	8.40185	7.59405	0.803426	1
cg23858530	CASC4;CASC4	0.0148074	0.279354	0.729517	-1.37077	0.0303453	0.482859	-2.071	0.0213193	2.2128	2.2128	0.759512	1.0894	1.0894	0.000920922	4.3727	4.3727	0.713479	1.10835	1.10835	0.679721	1.12279	1.12279	0.831753	0.942408	-1.06111	0.277387	1.37271	1.37271	5.84706	7.04382	0.93697	1
cg27418564	CASC4;CASC4	0.0382585	0.0106744	0.573273	-1.74437	0.431364	1.14937	1.14937	0.00574577	1.87304	1.87304	0.163405	0.772705	-1.29415	0.994138	1.00127	1.00127	0.184962	0.783711	-1.27598	0.527309	0.894915	-1.11742	0.763697	0.949077	-1.05366	0.809693	1.04271	1.04271	3.74384	1.78182	0.423054	1
cg12491688	CASC4;CASC4	0.0479814	0.982947	1.01267	1.01267	0.516762	1.47588	1.47588	0.614772	0.740898	-1.34971	0.1891	2.30972	2.30972	0.0464507	4.11142	4.11142	0.405183	0.602923	-1.65859	0.109638	2.88876	2.88876	0.00482421	0.0855574	-11.6881	0.474864	1.53846	1.53846	4.17508	21.8632	3.49106	1
cg00091781	CASC5;CASC5	0.000552673	0.00406685	1.58399	1.58399	0.0488571	0.764706	-1.30769	0.964145	1.00538	1.00538	0.0629776	0.779227	-1.28332	0.540801	1.07663	1.07663	0.854614	0.978363	-1.02212	1.85E-05	0.353237	-2.83096	0.33248	1.12663	1.12663	0.0418427	1.32279	1.32279	13.8984	3.13069	0.200228	1
cg16228087	CASC5;CASC5	0.000667892	0.143944	0.805944	-1.24078	0.161824	0.814415	-1.22787	0.0445462	1.373	1.373	0.932794	1.01166	1.01166	0.00101245	0.511635	-1.95452	0.130599	0.799035	-1.25151	7.93E-05	0.375259	-2.66483	0.0195954	1.47339	1.47339	0.0146838	1.51103	1.51103	13.1831	3.94292	0.265856	1
cg27659014	CASC5;CASC5	0.00971654	0.00967766	0.378704	-2.64059	0.256005	0.703487	-1.42149	0.132406	0.617773	-1.61872	0.160821	1.5594	1.5594	0.000826417	0.224514	-4.45406	?	?	?	0.0494076	0.514194	-1.94479	0.317312	1.35882	1.35882	0.411156	0.779365	-1.2831	6.08491	7.53684	1.23861	1
cg26431595	CASC5;CASC5	0.0125236	0.0458647	0.697421	-1.43385	0.00283176	1.91039	1.91039	0.341258	0.856918	-1.16697	0.14809	1.27673	1.27673	0.0424927	1.4446	1.4446	0.0700969	0.726984	-1.37555	0.0302829	0.669629	-1.49337	0.685844	1.06613	1.06613	0.739677	0.948848	-1.05391	5.49666	2.15832	0.349032	1
ch.15.403279R	CASC5;CASC5	0.0269357	0.00129068	0.178975	-5.58736	0.602427	0.824634	-1.21266	0.649956	1.18249	1.18249	0.0248972	0.37555	-2.66276	0.0158769	0.338332	-2.95568	0.133811	0.552539	-1.80983	0.288494	0.667468	-1.4982	0.112547	0.530579	-1.88473	0.582147	0.815555	-1.22616	4.24521	9.04972	1.89489	1
cg02899949	CASC5;CASC5	0.0481603	0.153497	0.676443	-1.47832	0.215065	1.39626	1.39626	0.00486741	2.59824	2.59824	0.0882518	0.618087	-1.6179	0.172169	0.689554	-1.45021	0.28714	1.32671	1.32671	0.302182	1.31443	1.31443	0.468101	1.20784	1.20784	0.542653	1.17073	1.17073	3.43664	3.561	0.921057	1
cg07478454	CASD1	0.0056209	0.0262241	0.35384	-2.82614	0.644282	1.20103	1.20103	0.270673	0.63645	-1.57121	0.00350286	0.210037	-4.76107	0.0344731	0.378466	-2.64224	0.177977	0.568962	-1.75759	0.000377053	0.106564	-9.38399	0.167642	1.78505	1.78505	0.0781882	0.462567	-2.16185	7.0801	17.406	2.18528	1
cg21974766	CASD1	0.00998603	0.907299	0.983515	-1.01676	0.101518	1.29153	1.29153	0.00529915	1.68945	1.68945	0.105199	1.28738	1.28738	0.273716	0.849991	-1.17648	0.0211866	1.48498	1.48498	0.00708203	0.608631	-1.64303	0.0622596	0.741198	-1.34917	0.758579	0.956964	-1.04497	5.91326	1.9069	0.286648	1
cg16194437	CASD1	0.0128118	0.0581199	0.321386	-3.11152	0.0173978	0.215499	-4.64039	0.085878	0.365661	-2.73478	0.0466674	0.298988	-3.34462	0.00423684	0.131448	-7.60757	0.0159027	0.209062	-4.78326	0.00155396	0.0896986	-11.1484	0.296438	0.563379	-1.775	0.0224278	0.234644	-4.26178	5.45606	24.2759	3.95497	1
cg25717578	CASK;CASK;CASK	0.02713	0.0401376	0.335566	-2.98004	0.0330533	0.317408	-3.15052	0.274532	0.592453	-1.6879	0.338002	0.634589	-1.57582	0.00550112	0.186293	-5.36788	0.174234	0.514013	-1.94548	0.0046874	0.177162	-5.64456	0.344992	1.56494	1.56494	0.117855	0.457527	-2.18566	4.23452	14.2181	2.98459	1
cg14455991	CASK;CASK;GPR82;CASK	0.00127454	0.000646325	0.109368	-9.14345	0.00443777	0.20082	-4.97958	0.00529853	0.211388	-4.73064	0.00633701	0.222479	-4.4948	0.00219119	0.1626	-6.15005	0.0884298	0.451643	-2.21414	0.000270507	0.0800273	-12.4957	0.837656	1.09063	1.09063	0.00386898	0.19292	-5.18351	10.981	31.098	2.51731	1
cg01964795	CASKIN1	4.16E-05	0.00130625	0.50431	-1.98291	0.52785	1.09806	1.09806	0.00788453	1.64628	1.64628	0.370985	1.1438	1.1438	2.59E-06	0.190223	-5.25699	0.363708	1.14629	1.14629	3.05E-05	0.303676	-3.29299	0.659019	1.06711	1.06711	0.698577	0.944675	-1.05856	27.9525	9.47026	0.301154	1
cg06984080	CASKIN1	0.000196482	0.412282	1.2177	1.2177	0.888386	0.967544	-1.03354	0.251835	0.754826	-1.32481	0.522946	1.1643	1.1643	0.549973	0.867523	-1.15271	0.0517171	0.594391	-1.68239	1.67E-06	0.0594076	-16.8329	0.73787	1.08212	1.08212	0.204142	0.729885	-1.37008	18.4598	16.1398	0.777173	1
cg07587117	CASKIN1	0.000885809	0.00141161	0.491877	-2.03303	0.745478	0.951226	-1.05128	0.00832119	0.595828	-1.67834	0.728616	0.94793	-1.05493	6.42E-05	0.323653	-3.08972	0.273559	1.19116	1.19116	0.0449219	1.42382	1.42382	0.0448248	1.42411	1.42411	0.628378	0.927858	-1.07775	12.1773	4.54554	0.331805	1
cg14309262	CASKIN1	0.00203711	0.0385614	0.770901	-1.29718	0.00106059	1.69141	1.69141	0.038371	1.29762	1.29762	0.427838	0.915858	-1.09187	0.710792	1.04127	1.04127	0.336639	1.11356	1.11356	0.000820292	0.578422	-1.72884	0.162286	1.17585	1.17585	0.0114342	1.41007	1.41007	9.59037	1.79062	0.165965	1
cg10813070	CASKIN1	0.00377442	0.010586	2.18097	2.18097	0.00211335	2.85266	2.85266	0.0382651	1.7903	1.7903	0.125378	1.49526	1.49526	0.0264	0.528065	-1.89371	0.0139775	2.08801	2.08801	0.00128679	3.12041	3.12041	0.925608	1.02291	1.02291	0.0436297	1.75525	1.75525	7.99087	7.44472	0.828136	1
cg10191283	CASKIN1	0.00506946	0.0379866	1.66599	1.66599	0.0404663	1.65216	1.65216	0.6061	0.895513	-1.11668	0.00564428	2.16115	2.16115	0.0940447	1.47788	1.47788	0.379124	0.825771	-1.21099	0.000266759	3.55985	3.55985	0.0165565	1.86089	1.86089	0.0876099	1.49191	1.49191	7.30774	5.20994	0.633719	1
cg07094340	CASKIN1	0.00788142	0.411698	0.789385	-1.26681	0.788047	1.07888	1.07888	0.00564433	0.359369	-2.78265	0.0816794	0.580625	-1.72228	0.00215469	0.297073	-3.36617	0.00301747	0.318038	-3.14428	0.00877603	0.390458	-2.56109	0.348431	1.31257	1.31257	0.735509	0.908891	-1.10024	6.37402	8.01415	1.11761	1
cg26766798	CASKIN1	0.0155616	0.0264692	0.594227	-1.68286	0.194497	1.31195	1.31195	0.123329	1.39127	1.39127	0.153077	0.738833	-1.35349	0.12299	0.718517	-1.39176	0.009131	0.519372	-1.9254	0.34442	1.21247	1.21247	0.0215659	1.72625	1.72625	0.127535	1.38538	1.38538	5.11801	3.17218	0.55094	1
cg00182994	CASKIN1	0.0215269	0.0204474	2.13993	2.13993	0.0513541	0.546512	-1.82978	0.219709	0.703645	-1.42117	0.907644	0.968887	-1.03211	0.0130621	2.31302	2.31302	0.536802	0.84338	-1.18571	0.0324806	0.50573	-1.97734	0.441723	0.807637	-1.23818	0.0587555	0.559104	-1.78858	4.58799	5.38973	1.04422	1
cg02812662	CASKIN1	0.0222162	0.953115	0.992062	-1.008	0.0744379	1.30919	1.30919	0.36955	0.882572	-1.13305	0.223915	0.840977	-1.18909	0.616358	0.933819	-1.07087	0.200102	1.20138	1.20138	0.000758773	0.500635	-1.99746	0.971404	1.00487	1.00487	0.196537	0.831024	-1.20334	4.53868	1.32077	0.258669	1
cg03524868	CASKIN1	0.0365636	0.0277715	0.69399	-1.44094	0.0581912	1.35076	1.35076	0.666404	0.940907	-1.0628	0.154154	0.807149	-1.23893	0.690141	1.05789	1.05789	0.00810814	1.60978	1.60978	0.112381	1.27475	1.27475	0.464579	0.900743	-1.1102	0.722322	0.951123	-1.05139	3.80627	1.18905	0.277682	1
cg06713550	CASKIN1	0.0411621	0.0199079	0.394922	-2.53215	0.80394	0.921059	-1.08571	0.12513	0.577653	-1.73114	0.041171	0.45896	-2.17884	0.00972925	0.339227	-2.94788	0.135797	0.587761	-1.70137	0.00987815	0.340343	-2.93822	0.686336	1.14364	1.14364	0.753484	0.901087	-1.10977	3.64442	6.3084	1.53865	1
cg07109743	CASKIN1	0.0488992	0.769847	0.886519	-1.12801	0.185004	1.78098	1.78098	0.111564	0.490879	-2.03716	0.835905	1.08889	1.08889	0.00313052	0.190398	-5.25215	0.347679	1.48735	1.48735	0.14438	1.90364	1.90364	0.487226	1.33616	1.33616	0.41713	1.4056	1.4056	3.41688	9.12229	2.37313	1
cg00769818	CASKIN1;TRAF7	0.00939827	0.164845	1.30617	1.30617	0.000385855	0.360294	-2.77551	0.0851102	0.709524	-1.4094	0.122625	1.35196	1.35196	0.7505	1.05919	1.05919	0.700127	1.07225	1.07225	0.15941	1.31133	1.31133	0.350518	1.18912	1.18912	0.168134	0.767388	-1.30312	6.02883	3.10252	0.457435	1
cg21038819	CASKIN2	0.0477266	0.0160244	3.13937	3.13937	0.00993422	3.53857	3.53857	0.00920647	3.60763	3.60763	0.266045	1.5679	1.5679	0.865451	1.06802	1.06802	0.0830267	2.10601	2.10601	0.87731	1.06179	1.06179	0.0788028	2.13288	2.13288	0.609327	1.22142	1.22142	3.4484	8.22468	2.12006	1
cg26263664	CASKIN2;CASKIN2	0.000104451	0.000553442	0.32145	-3.1109	0.00594492	0.466924	-2.14168	0.0160263	0.535723	-1.86664	0.0023278	0.406497	-2.46004	1.68E-05	0.153867	-6.4991	0.000159196	0.254969	-3.92205	1.67E-05	0.153599	-6.51045	0.0772871	0.659792	-1.51563	0.00584856	0.465835	-2.14668	21.8841	15.5361	0.631048	1
cg25051248	CASKIN2;CASKIN2	0.00247792	0.00959454	2.31772	2.31772	0.342684	0.778339	-1.28479	0.113265	1.55549	1.55549	0.186287	1.43214	1.43214	0.0952423	0.625076	-1.59981	0.118778	1.54348	1.54348	0.00237554	2.96274	2.96274	0.00017845	5.09054	5.09054	0.0281559	1.94358	1.94358	9.05565	9.42399	0.925044	1
cg07861373	CASKIN2;CASKIN2	0.00275506	0.560965	0.8938	-1.11882	0.015556	0.56744	-1.7623	0.0438288	0.64245	-1.55654	0.89396	0.974853	-1.0258	0.000213447	0.306938	-3.25799	0.225848	0.784357	-1.27493	0.0156959	0.56806	-1.76038	0.00747382	1.93038	1.93038	0.576614	1.11374	1.11374	8.77688	5.06986	0.513456	1
cg17430268	CASKIN2;CASKIN2	0.00978573	0.0123476	0.475303	-2.10392	0.166689	0.703249	-1.42197	0.0486174	0.584029	-1.71224	0.00587026	0.422781	-2.36529	0.00335789	0.385678	-2.59284	0.00132176	0.327792	-3.05071	0.0358858	0.558304	-1.79114	0.189002	0.717306	-1.3941	0.0544248	0.593881	-1.68384	5.95167	5.37358	0.802549	1
cg26565893	CASKIN2;CASKIN2	0.0136125	0.412494	0.792818	-1.26132	0.0448146	0.528281	-1.89293	0.0225829	0.469241	-2.1311	0.0964619	0.603092	-1.65812	0.00207611	0.300851	-3.3239	0.00648656	0.375141	-2.66566	0.0145178	0.434169	-2.30325	0.299599	1.34698	1.34698	0.12119	0.627753	-1.59298	5.34895	6.50387	1.08081	1
cg26103628	CASKIN2;CASKIN2	0.0165822	0.598174	0.92095	-1.08584	0.00158254	0.49544	-2.01841	0.0882525	0.747328	-1.3381	0.552533	1.09751	1.09751	0.122063	0.771448	-1.29626	0.085703	0.745203	-1.34192	0.0289227	1.49005	1.49005	0.226876	1.21708	1.21708	0.54495	1.09951	1.09951	5.01097	1.90275	0.337526	1
cg21613693	CASKIN2;CASKIN2	0.0189499	0.0709073	0.762702	-1.31113	0.0762245	1.30321	1.30321	0.161482	0.818134	-1.22229	0.00720165	0.627725	-1.59305	0.075261	0.766518	-1.3046	0.0692253	1.31377	1.31377	0.10294	0.78702	-1.27062	0.0863751	1.28959	1.28959	0.252406	0.851721	-1.17409	4.79134	1.3676	0.253717	1
cg10008947	CASKIN2;CASKIN2	0.0464943	0.261666	1.35023	1.35023	0.448462	1.21916	1.21916	0.0234468	0.499338	-2.00265	0.777269	1.07547	1.07547	0.732995	1.09182	1.09182	0.0541916	1.75162	1.75162	0.00959258	0.431166	-2.31929	0.275449	1.33784	1.33784	0.650706	0.889646	-1.12404	3.48257	3.62977	0.926459	1
cg25506900	CASKIN2;TSEN54	0.0142471	0.655599	1.06357	1.06357	0.0225224	1.45524	1.45524	0.0238776	1.44792	1.44792	0.97298	1.00466	1.00466	0.144803	1.2399	1.2399	0.285707	0.858783	-1.16444	0.00209787	0.552026	-1.81151	0.364925	1.13635	1.13635	0.105108	1.27525	1.27525	5.26947	1.57333	0.265399	1
cg23932769	CASKIN2;TSEN54	0.0163875	0.0298426	0.721741	-1.38554	0.0174498	0.691307	-1.44654	0.167482	0.828859	-1.20648	0.00817233	1.54003	1.54003	0.0423639	0.742105	-1.34752	0.0630887	0.765899	-1.30566	0.175798	1.20158	1.20158	0.604054	0.935437	-1.06902	0.274829	0.86507	-1.15598	5.03074	1.29673	0.229121	1
cg24220383	CASKIN2;TSEN54	0.032776	0.290789	0.878023	-1.13892	0.41734	1.10335	1.10335	0.0134842	1.43752	1.43752	0.196525	0.850412	-1.1759	0.86404	1.02054	1.02054	0.928682	0.989434	-1.01068	0.00319957	0.620316	-1.61208	0.892281	1.01621	1.01621	0.359842	1.11819	1.11819	3.95973	0.882982	0.198214	1
cg24599065	CASP10	0.0010454	0.219533	1.30028	1.30028	0.117944	0.708022	-1.41239	0.196593	0.757541	-1.32006	0.0605667	0.650287	-1.53778	4.63E-05	0.209222	-4.7796	0.00988871	0.515351	-1.94042	0.0136187	0.537547	-1.8603	0.00154782	0.396197	-2.524	0.00285434	0.433902	-2.30467	11.6192	7.61166	0.582304	1
cg01073821	CASP10;CASP10;CASP10	0.000852559	0.0260186	0.58321	-1.71465	0.0332641	0.601767	-1.66177	0.017953	0.556023	-1.79849	0.00547168	0.474429	-2.1078	8.37E-05	0.235839	-4.24018	0.00131571	0.385129	-2.59653	0.0204055	0.565299	-1.76898	0.000247244	0.290758	-3.43929	0.00394629	0.4532	-2.20653	12.3094	8.1214	0.586462	1
cg11551448	CASP10;CASP10;CASP10	0.00236989	0.0018297	0.228636	-4.37376	0.0922678	0.539267	-1.85437	0.0113719	0.347865	-2.87468	0.0194305	0.389976	-2.56426	0.00742694	0.316913	-3.15544	0.0276506	0.419904	-2.3815	0.00023217	0.130582	-7.65801	0.868795	1.05664	1.05664	0.00241523	0.244617	-4.08802	9.17506	16.1388	1.56355	1
cg26075931	CASP10;CASP10;CASP10	0.00965009	0.794913	1.05375	1.05375	0.324803	0.815179	-1.22672	0.000744039	0.35738	-2.79814	0.0397639	0.620162	-1.61248	0.0593346	0.651931	-1.53391	0.361719	1.20734	1.20734	0.0375739	1.62394	1.62394	0.14808	1.36592	1.36592	0.614077	1.10759	1.10759	5.97824	3.82417	0.568606	1
cg12105450	CASP10;CASP10;CASP10	0.0149978	0.0106149	0.129869	-7.70005	0.0143577	0.146998	-6.80281	0.0782453	0.28858	-3.46525	0.00719966	0.110409	-9.05727	0.0187486	0.163761	-6.10646	0.0591174	0.258274	-3.87186	0.00244605	0.0686874	-14.5587	0.104062	0.323368	-3.09245	0.0555421	0.251992	-3.96838	5.18095	33.1127	5.6811	1
cg16745604	CASP10;CASP10;CASP10	0.0225641	0.625662	0.856022	-1.16819	0.350468	1.3551	1.3551	0.0297059	0.445241	-2.24598	0.00230227	0.260036	-3.84562	0.0116757	0.369175	-2.70874	0.159455	0.621637	-1.60866	0.573641	1.19696	1.19696	0.945348	1.02191	1.02191	0.0556215	0.503683	-1.98537	4.51451	7.14876	1.40756	1
cg04781494	CASP10;CASP10;CASP10	0.0443277	0.328781	0.531664	-1.88089	0.0135829	0.147481	-6.78053	0.106688	0.33154	-3.01623	0.0599236	0.264375	-3.7825	0.01185	0.139567	-7.16502	0.0378646	0.221107	-4.5227	0.0322039	0.207568	-4.8177	0.0568952	0.259088	-3.85969	0.0350123	0.214456	-4.66295	3.54543	22.0588	5.53044	1
cg04152675	CASP10;CASP10;CASP10	0.049266	0.563413	0.902829	-1.10763	0.0429738	0.665256	-1.50318	0.00722315	0.545173	-1.83428	0.0154419	0.594502	-1.68208	0.0411906	0.662198	-1.51012	0.0689538	0.700359	-1.42784	0.0892715	0.720431	-1.38806	0.579622	0.906725	-1.10287	0.0648476	0.695689	-1.43742	3.40722	1.65255	0.431123	1
cg07754492	CASP10;CASP10;CASP10;CASP10;CASP10;CASP10	0.00561597	0.00247463	0.132935	-7.52245	0.939131	1.03731	1.03731	0.0302852	0.294803	-3.39209	0.200789	0.52308	-1.91175	0.00181146	0.119186	-8.39027	0.0250426	0.27846	-3.59118	0.000879246	0.0914688	-10.9327	0.0347338	0.307133	-3.25592	0.113219	0.437501	-2.28571	7.08201	25.7977	3.23797	1
cg09157813	CASP12	0.00649667	0.0406737	0.337434	-2.96355	0.0132709	0.243971	-4.09885	0.00822704	0.211416	-4.73002	0.00691822	0.200523	-4.98697	0.00375152	0.165515	-6.04174	0.0445683	0.34636	-2.88717	0.00166272	0.126426	-7.90974	0.950723	1.02882	1.02882	0.0119068	0.236249	-4.23283	6.77045	22.6597	2.97498	1
cg06923343	CASP12	0.0291889	0.111828	0.36862	-2.71282	0.36743	0.586486	-1.70507	0.0224649	0.20685	-4.83441	0.707298	0.804607	-1.24284	0.00443926	0.112152	-8.91646	0.830453	1.13155	1.13155	0.00405729	0.108206	-9.24163	0.94643	0.962012	-1.03949	0.103105	0.357851	-2.79446	4.12674	21.7103	4.67634	1
cg26893600	CASP12	0.0294234	0.049821	0.692989	-1.44302	0.805116	1.04135	1.04135	0.180791	1.2623	1.2623	0.979051	0.995705	-1.00431	0.0227919	0.639748	-1.56312	0.10504	1.3369	1.3369	0.177389	1.2649	1.2649	0.215483	0.807587	-1.23826	0.00872142	0.578219	-1.72945	4.11506	1.75123	0.378281	1
cg01999333	CASP14	1.57E-07	1.98E-05	0.364513	-2.74339	3.04E-08	0.0954897	-10.4723	2.29E-05	0.371728	-2.69014	0.36079	1.11593	1.11593	2.57E-08	0.0906904	-11.0265	0.00214894	1.65403	1.65403	1.46E-06	0.239735	-4.17127	5.96E-05	0.42022	-2.37971	0.000349088	0.511058	-1.95673	117.424	25.3535	0.191923	1
cg03752087	CASP14	4.25E-06	0.597743	0.88092	-1.13518	0.483853	0.844157	-1.18461	0.123977	0.672557	-1.48686	0.000949804	0.309424	-3.23181	7.15E-07	0.0409311	-24.4313	0.000732191	0.29459	-3.39454	2.22E-07	0.0243007	-41.1512	0.000304302	0.24725	-4.04449	0.999038	0.999713	-1.00029	50.6172	45.4518	0.798178	1
cg23207876	CASP14	0.000988598	0.0420081	0.317324	-3.15135	0.690716	1.21642	1.21642	0.000964899	0.0900671	-11.1028	0.158078	0.477471	-2.09437	0.000893866	0.0874576	-11.4341	0.387068	1.54389	1.54389	6.42E-05	0.0273373	-36.5801	0.597863	0.770475	-1.2979	0.0220653	0.260585	-3.83751	11.8048	44.8629	3.37811	1
cg02021789	CASP14	0.00237899	0.009936	0.186537	-5.36086	0.000841256	0.0750503	-13.3244	0.0309078	0.270702	-3.6941	0.250523	0.538405	-1.85734	0.000785794	0.0729819	-13.702	0.122546	0.421965	-2.36987	0.000459802	0.0582147	-17.1778	0.0130893	0.204545	-4.88891	0.0168329	0.222247	-4.4995	9.16474	38.5936	3.74319	1
cg15930041	CASP14	0.00353523	0.0442593	0.345133	-2.89743	0.000438955	0.0775532	-12.8944	0.00693676	0.200214	-4.99466	0.202868	0.538546	-1.85685	0.00985744	0.222789	-4.48854	0.00590302	0.190475	-5.25004	0.00125503	0.114315	-8.74778	0.0100098	0.22382	-4.46788	0.109708	0.448088	-2.23171	8.14934	27.355	2.98375	1
cg16402635	CASP1;CARD16;CASP1;CASP1;CASP1;CASP1;CARD16	0.0455707	0.293158	0.851235	-1.17476	0.651127	0.934975	-1.06955	0.349841	0.867502	-1.15274	0.0208627	1.50788	1.50788	0.0535151	1.38249	1.38249	0.035506	1.43553	1.43553	0.0321982	1.4485	1.4485	0.461177	1.11718	1.11718	0.0497377	1.3918	1.3918	3.50892	1.21234	0.307112	1
cg26071033	CASP1;CASP1;CASP1;CARD16;CASP1;CARD16;CASP1	0.0164234	0.0201076	0.443554	-2.25452	0.0187383	0.437853	-2.28387	0.00553467	0.347524	-2.8775	0.146296	0.636278	-1.57164	0.00506	0.341436	-2.92881	0.464682	0.80594	-1.24079	0.969663	1.01109	1.01109	0.122119	1.62544	1.62544	0.19052	0.669044	-1.49467	5.02708	6.69233	1.18334	1
cg19405868	CASP1;CASP1;CASP1;CARD16;CASP1;CASP1;CARD16	0.0122954	0.718555	1.09796	1.09796	0.0469918	0.555926	-1.7988	0.197372	0.703355	-1.42176	0.431372	1.23045	1.23045	0.57362	1.15816	1.15816	0.731302	0.914832	-1.0931	0.000219117	0.203735	-4.90833	0.979318	1.00672	1.00672	0.696178	0.903629	-1.10665	5.52965	5.84011	0.938796	1
cg16577567	CASP1;CASP1;CASP1;CASP1;CARD17;CASP1	0.00520597	0.458923	0.820883	-1.2182	0.000592217	0.249473	-4.00846	0.000376269	0.22586	-4.42752	0.881592	0.961741	-1.03978	0.568951	1.16262	1.16262	0.939663	0.980382	-1.02001	0.769995	0.926136	-1.07975	0.592364	1.15195	1.15195	0.837128	1.05535	1.05535	7.2486	7.86399	0.964352	1
cg21002651	CASP1;CASP1;CASP1;CASP1;CASP1	0.00287462	0.00959751	0.525212	-1.90399	0.077222	0.679895	-1.47082	0.00551751	0.488537	-2.04693	0.0625697	0.662608	-1.50919	0.582299	1.11527	1.11527	0.0297071	1.6529	1.6529	0.0550815	0.652379	-1.53285	0.00136176	2.49171	2.49171	0.0958337	0.698219	-1.43222	8.66721	5.2941	0.542951	1
cg13802966	CASP1;CASP1;CASP1;CASP1;CASP1	0.0447836	0.0241874	0.458759	-2.1798	0.0333597	0.486292	-2.05638	0.0331064	0.485623	-2.05921	0.2266	0.692053	-1.44498	0.0128662	0.408395	-2.44861	0.400491	0.779176	-1.28341	0.974698	1.00924	1.00924	0.14017	1.58431	1.58431	0.236498	0.697937	-1.43279	3.53189	4.70217	1.18342	1
cg17008031	CASP1;CASP1;CASP1;CASP1;CASP1;CARD17	0.000996192	0.00134866	0.297489	-3.36147	0.00580289	0.390285	-2.56223	0.000369811	0.226718	-4.41077	0.0051656	0.382347	-2.61542	0.0022974	0.329707	-3.03299	0.00189788	0.317941	-3.14524	0.00630346	0.395991	-2.52531	0.186475	1.44003	1.44003	0.00428421	0.369788	-2.70425	11.7793	12.6481	0.954456	1
cg16837206	CASP1;CASP1;CASP1;CASP1;CASP1;CARD17	0.00162652	0.00170699	0.140091	-7.13824	0.000651528	0.100907	-9.91012	?	?	?	0.37301	0.669454	-1.49375	0.00468943	0.192204	-5.20279	0.168142	0.524934	-1.905	0.000381055	0.0829384	-12.0571	0.878115	1.06966	1.06966	0.0143557	0.265959	-3.75998	10.4747	28.3921	2.71056	1
cg26453230	CASP1;CASP1;CASP1;CASP1;CASP1;CARD17	0.0377626	0.0103716	0.557632	-1.7933	0.0313426	0.633248	-1.57916	0.0402134	0.651272	-1.53546	0.0901921	0.713318	-1.4019	0.242291	0.801399	-1.24782	0.327501	1.20065	1.20065	0.200898	1.27684	1.27684	0.398227	1.16939	1.16939	0.467644	1.14305	1.14305	3.76175	1.94997	0.460773	1
cg25992874	CASP2;CASP2	0.00242597	0.00013612	0.257726	-3.88009	0.863546	0.965293	-1.03595	0.295099	0.800137	-1.24979	0.0916608	0.682922	-1.4643	0.000985647	0.365786	-2.73384	0.450346	1.1711	1.1711	0.560149	0.886051	-1.1286	0.304567	1.24401	1.24401	0.0106606	0.517227	-1.93339	9.11225	6.08575	0.593657	1
cg26596719	CASP2;CASP2	0.00940205	0.00768163	0.376517	-2.65592	0.568621	0.848496	-1.17856	0.0529493	0.534116	-1.87225	0.198201	0.678583	-1.47366	0.0123002	0.41108	-2.43262	0.800104	1.07503	1.07503	0.00245601	0.300812	-3.32434	0.00215744	0.292862	-3.41458	0.0268978	0.473624	-2.11138	6.02806	7.76186	1.14455	1
cg06334134	CASP2;CASP2	0.0168653	0.00416472	0.305855	-3.26952	0.00140251	0.239977	-4.16706	0.0233086	0.433329	-2.30772	0.88389	1.04611	1.04611	0.289724	0.712492	-1.40353	0.992421	1.00293	1.00293	0.227787	0.676687	-1.47779	0.0756838	0.543394	-1.84029	0.70461	1.12467	1.12467	4.98272	7.50972	1.33969	1
cg07234880	CASP3;CCDC111;CASP3;CASP3;CASP3	0.000662795	1.50E-05	0.0182523	-54.7878	0.305111	0.622736	-1.60582	0.45005	0.709446	-1.40955	?	?	?	0.286479	0.610386	-1.63831	0.914297	0.953121	-1.04918	?	?	?	0.0122144	0.248448	-4.02498	0.260265	1.68829	1.68829	13.9332	34.1404	2.80033	1
cg16669455	CASP4	0.000650129	0.0254099	0.410846	-2.434	0.000176661	0.118976	-8.40505	0.000543256	0.165303	-6.04949	0.00138914	0.211923	-4.71869	0.0166636	0.375783	-2.66111	0.00370915	0.269074	-3.71645	0.000217884	0.126878	-7.8816	0.0483538	0.469857	-2.12831	0.00190099	0.229207	-4.36287	13.2829	23.585	1.5783	1
cg13128596	CASP4	0.000866416	0.444274	1.13208	1.13208	0.172796	1.25959	1.25959	7.14E-05	0.316157	-3.16298	0.0988375	0.749856	-1.33359	0.0892455	0.742232	-1.34729	0.0784144	1.36477	1.36477	0.00160442	2.05416	2.05416	0.0297338	0.66567	-1.50225	0.28471	1.19336	1.19336	12.2536	4.91067	0.356225	1
cg08469834	CASP4	0.00152469	0.00773571	0.183902	-5.43769	0.00110527	0.0925401	-10.8061	0.0041001	0.148648	-6.72729	0.00360926	0.142261	-7.02931	0.00191753	0.113659	-8.79828	0.00309042	0.134779	-7.41957	0.000395069	0.0612267	-16.3328	0.144867	0.46069	-2.17066	0.00507061	0.159788	-6.2583	10.4304	40.4728	3.44912	1
cg16315582	CASP4	0.00209007	0.0165157	0.308085	-3.24586	0.00048398	0.11084	-9.02201	0.00350326	0.20348	-4.91449	0.00484304	0.222673	-4.49089	0.0016612	0.163848	-6.10321	0.017047	0.310591	-3.21967	0.00271234	0.189191	-5.28567	0.836727	1.08649	1.08649	0.00940834	0.266223	-3.75625	9.51882	24.3633	2.2751	1
cg06003022	CASP4;CASP4	0.00902713	0.144862	0.546741	-1.82902	0.878866	0.942887	-1.06057	0.699689	1.16121	1.16121	0.870298	1.06504	1.06504	0.00249064	0.197769	-5.0564	0.0194865	0.3366	-2.97088	0.000691951	0.135777	-7.36502	0.697664	1.16245	1.16245	0.0921361	0.489252	-2.04394	6.10654	14.3802	2.09323	1
cg05618647	CASP4;CASP4	0.0099238	0.00559657	0.088707	-11.2731	0.00257193	0.0618386	-16.1711	0.0258522	0.171736	-5.8229	0.0864775	0.283376	-3.52887	0.00605325	0.0918926	-10.8823	0.0376336	0.200733	-4.98175	0.00922365	0.110721	-9.03168	0.236854	0.438129	-2.28243	0.0096635	0.112995	-8.84997	5.92509	41.607	6.24193	1
cg15665081	CASP4;CASP4	0.0254972	0.245814	0.569468	-1.75603	0.124094	0.461868	-2.16512	0.0511396	0.356905	-2.80187	0.659491	1.22837	1.22837	0.000778429	0.0945899	-10.572	0.0496338	0.353846	-2.82609	0.75584	1.15568	1.15568	0.805516	0.891874	-1.12123	0.12342	0.461122	-2.16862	4.32746	14.7475	3.02923	1
cg08199529	CASP5;CASP5;CASP5;CASP5;CASP5;CASP5	0.000190171	0.00455567	0.599881	-1.667	0.000992841	0.516015	-1.93793	0.0058473	0.613835	-1.6291	0.764388	1.04149	1.04149	0.0253211	0.697946	-1.43278	0.0794138	0.768476	-1.30128	3.00E-06	0.221975	-4.50502	0.807049	1.03365	1.03365	0.151457	0.812309	-1.23106	18.6238	5.39558	0.257524	1
cg10825847	CASP5;CASP5;CASP5;CASP5;CASP5;CASP5	0.0117959	0.0864678	0.622527	-1.60636	0.0564028	0.582371	-1.71712	0.00131972	0.310539	-3.2202	0.0059719	0.406769	-2.4584	0.0101302	0.444051	-2.25199	0.0177737	0.486113	-2.05713	0.421824	0.814353	-1.22797	0.539777	1.16808	1.16808	0.14483	0.67576	-1.47982	5.60458	5.55989	0.881801	1
cg24445752	CASP5;CASP5;CASP5;CASP5;CASP5;CASP5	0.0414881	0.0488931	0.62174	-1.60839	0.454901	0.851429	-1.1745	0.0402792	0.606127	-1.64982	0.448804	0.849502	-1.17716	0.00438186	0.447504	-2.23462	0.933599	1.01776	1.01776	0.747921	1.07051	1.07051	0.851979	0.961297	-1.04026	0.0100715	0.503466	-1.98623	3.6338	2.56982	0.628622	1
cg05855157	CASP6;CASP6	0.00322749	0.0677624	0.634649	-1.57567	0.0163506	0.520871	-1.91986	0.00522841	0.441008	-2.26753	0.311061	1.26226	1.26226	0.185149	1.36652	1.36652	0.271613	1.28958	1.28958	0.000914019	3.00852	3.00852	0.102537	1.48735	1.48735	0.0335645	1.73624	1.73624	8.37409	6.54927	0.695189	1
cg10457397	CASP6;CASP6	0.0208647	0.215154	0.776253	-1.28824	0.198642	1.30173	1.30173	0.0947046	1.42837	1.42837	0.187659	0.762576	-1.31134	0.506253	0.87729	-1.13987	0.280881	0.804466	-1.24306	0.000719797	0.36823	-2.71569	0.206643	0.772165	-1.29506	0.698674	0.927268	-1.07844	4.63725	2.7676	0.530507	1
cg03797115	CASP6;CASP6	0.0441703	0.547504	0.744613	-1.34298	0.0214035	3.81652	3.81652	0.0687715	2.68268	2.68268	0.57586	1.31499	1.31499	0.391384	0.653477	-1.53028	0.140025	0.463376	-2.15808	0.013921	0.229503	-4.35725	0.199428	1.92866	1.92866	0.677776	0.816743	-1.22437	3.55014	13.1969	3.30426	1
cg25388715	CASP7;CASP7;CASP7;CASP7	0.000856691	0.188801	0.822076	-1.21643	0.142005	0.800791	-1.24877	0.0132784	0.649345	-1.54001	0.109771	0.782447	-1.27804	0.000544411	0.469427	-2.13026	0.02448	1.45811	1.45811	0.001738	0.533419	-1.8747	0.0350648	0.707832	-1.41276	0.000101893	0.379644	-2.63405	12.2927	3.85533	0.278781	1
cg24846397	CASP7;CASP7;CASP7;CASP7	0.00373179	0.638073	0.925811	-1.08013	0.00033291	0.389833	-2.5652	0.00760768	0.572128	-1.74786	0.0757441	1.37932	1.37932	0.406417	0.870942	-1.14818	0.543961	0.904902	-1.10509	0.253787	0.823747	-1.21396	0.497975	1.11844	1.11844	0.00181461	0.486082	-2.05726	8.01818	3.36134	0.372636	1
cg25763292	CASP7;CASP7;CASP7;CASP7	0.00387945	0.533661	0.847773	-1.17956	0.188869	0.694428	-1.44003	0.00410527	0.364723	-2.74181	0.238788	0.723824	-1.38155	6.89E-05	0.148733	-6.72345	0.823707	1.06019	1.06019	0.614516	1.14229	1.14229	0.455784	0.819557	-1.22017	0.31024	0.759527	-1.31661	7.92519	8.61386	0.966129	1
cg03352655	CASP7;CASP7;CASP7;CASP7	0.00442195	0.018126	0.754556	-1.32528	0.737291	0.9675	-1.03359	0.998116	1.00023	1.00023	0.00236036	0.659496	-1.51631	0.00195608	1.53682	1.53682	0.0281591	1.2897	1.2897	0.206607	0.877457	-1.13966	0.553143	1.06065	1.06065	0.0677052	0.81803	-1.22245	7.61803	1.16205	0.135591	1
cg05982835	CASP7;CASP7;CASP7;CASP7	0.00503827	0.275799	0.825709	-1.21108	0.261653	0.820584	-1.21864	0.71002	1.06513	1.06513	0.994725	0.998884	-1.00112	0.0169011	0.611234	-1.63603	0.0113646	0.585481	-1.708	0.00920204	0.572021	-1.74819	0.000156405	0.33514	-2.98383	0.564744	0.906347	-1.10333	7.32153	3.30904	0.401742	1
cg22906389	CASP7;CASP7;CASP7;CASP7	0.00903989	0.556968	1.06399	1.06399	0.212868	0.871985	-1.14681	0.310554	1.11578	1.11578	0.312976	1.11513	1.11513	0.772403	1.03074	1.03074	0.725208	1.03754	1.03754	0.000139862	0.503231	-1.98716	0.830269	0.977836	-1.02267	0.695365	0.959742	-1.04195	6.1038	1.0539	0.153478	1
cg20489345	CASP7;CASP7;CASP7;CASP7	0.0197872	0.787509	0.826035	-1.2106	0.0158568	0.104758	-9.5458	?	?	?	0.15169	3.04453	3.04453	0.0378718	6.0428	6.0428	?	?	?	0.010279	0.0822491	-12.1582	?	?	?	0.835532	0.863285	-1.15837	6.42131	32.2571	5.02345	1
cg16132139	CASP7;CASP7;CASP7;CASP7	0.0437737	0.306639	0.711281	-1.40591	0.180161	1.58116	1.58116	0.691031	1.13723	1.13723	0.828193	0.93243	-1.07247	0.00185815	0.241317	-4.14392	0.876154	0.951036	-1.05148	0.0898737	0.547821	-1.82541	0.712847	1.12636	1.12636	0.228205	1.50249	1.50249	3.56211	5.84572	1.45874	1
cg24410214	CASP8;CASP8;CASP8;CASP8	1.49E-06	0.000185606	1.83202	1.83202	0.000555599	1.67166	1.67166	6.50E-06	0.38164	-2.62027	0.919753	1.00971	1.00971	3.50E-06	0.351378	-2.84594	0.0787106	1.20596	1.20596	4.04E-07	3.99897	3.99897	0.214526	0.882209	-1.13352	0.0438971	1.24872	1.24872	66.2748	9.65544	0.1295	1
cg26799474	CASP8;CASP8;CASP8;CASP8	5.20E-05	0.150186	0.804827	-1.2425	0.00150693	0.525368	-1.90343	5.15E-06	0.232633	-4.29862	0.0233709	0.682924	-1.46429	1.26E-05	0.274406	-3.64423	0.0341965	0.706195	-1.41604	0.0120279	1.55413	1.55413	0.538607	1.0916	1.0916	0.00390971	0.578826	-1.72763	26.3409	8.26688	0.27897	1
cg20608990	CASP8;CASP8;CASP8;CASP8	0.000226286	0.00537274	0.33128	-3.0186	0.000210295	0.154427	-6.47556	0.00183985	0.263614	-3.79343	0.234892	0.687122	-1.45534	1.24E-05	0.0623435	-16.0402	0.0243961	0.445573	-2.2443	0.0234668	0.442309	-2.26086	0.000329808	0.174198	-5.7406	0.00174401	0.260487	-3.83897	17.7654	25.5579	1.27879	1
cg25095814	CASP8;CASP8;CASP8;CASP8	0.0136969	0.1536	0.396635	-2.52121	0.00809223	0.128401	-7.78809	0.0247414	0.198274	-5.04354	0.00924161	0.135382	-7.3865	0.00221536	0.0746339	-13.3987	0.218951	0.457243	-2.18702	0.0600819	0.277	-3.6101	0.0477725	0.254126	-3.93505	0.00746472	0.12431	-8.04443	5.33811	30.9719	5.15736	1
cg13109397	CASP8;CASP8;CASP8;CASP8	0.0189955	0.592916	0.927195	-1.07852	0.000639087	2.08419	2.08419	0.0583086	1.34947	1.34947	0.506973	1.0989	1.0989	0.171535	1.22618	1.22618	0.526856	1.09397	1.09397	0.113845	0.785868	-1.27248	0.206204	1.20536	1.20536	0.109792	1.27659	1.27659	4.78745	1.48779	0.276238	1
cg19448993	CASP8;CASP8;CASP8;CASP8	0.0352995	0.0743446	0.520829	-1.92001	0.190637	1.57566	1.57566	0.498403	0.798127	-1.25293	0.164544	1.62666	1.62666	0.00955941	0.340735	-2.93483	0.826566	0.930536	-1.07465	0.0247356	2.40404	2.40404	0.774748	0.910161	-1.09871	0.104627	0.558811	-1.78951	3.85522	6.57225	1.51535	1
cg09464206	CASP8;CASP8;CASP8;CASP8;CASP8	0.000544863	0.000612828	0.215412	-4.64227	0.000554143	0.210298	-4.75516	0.0680881	0.551887	-1.81197	0.00303108	0.306676	-3.26077	0.000118712	0.140987	-7.09285	0.00935912	0.383364	-2.60849	0.0237382	0.455964	-2.19316	0.000496506	0.204801	-4.88278	0.0010269	0.242792	-4.11875	13.9535	18.7052	1.19159	1
cg23882545	CASP8;CASP8;CASP8;CASP8;CASP8	0.000695133	0.00174602	0.170508	-5.86484	0.0737241	0.453727	-2.20397	0.00229793	0.184677	-5.41486	0.00164558	0.167556	-5.96817	0.00155906	0.164896	-6.06443	0.018916	0.324056	-3.08589	0.000753981	0.131945	-7.5789	0.000191733	0.0828734	-12.0666	0.000567284	0.120407	-8.30514	13.0364	32.4445	2.21223	1
cg27410837	CASP8;CASP8;CASP8;CASP8;CASP8	0.000696566	0.00749411	0.369755	-2.7045	0.0175449	0.433693	-2.30578	0.113242	0.60763	-1.64574	0.00199688	0.283309	-3.52971	4.41E-05	0.106694	-9.37261	0.0616828	0.544267	-1.83733	0.00506846	0.34267	-2.91826	0.00025955	0.176084	-5.6791	0.00567619	0.350374	-2.85409	13.0289	17.2391	1.17613	1
cg20418725	CASP8;CASP8;CASP8;CASP8;CASP8	0.000712361	0.0174632	0.350673	-2.85166	0.122736	0.5457	-1.83251	0.00166341	0.19607	-5.10021	0.0011514	0.177257	-5.64152	0.000269421	0.114831	-8.70848	0.00640164	0.276708	-3.61391	0.00176002	0.199072	-5.02331	0.000128519	0.0897055	-11.1476	0.00813567	0.29318	-3.41088	12.9473	26.8984	1.8467	1
cg25748441	CASP8;CASP8;CASP8;CASP8;CASP8	0.00221508	0.00304174	0.0876	-11.4155	0.00313507	0.0887308	-11.27	0.00519048	0.109432	-9.13808	0.0121256	0.153308	-6.52283	0.00216502	0.0756651	-13.2161	0.0207415	0.188276	-5.31134	0.00167789	0.0676111	-14.7905	0.00104169	0.0544042	-18.3809	0.00617778	0.117446	-8.51453	9.35857	53.3092	5.06338	1
cg14962032	CASP8;CASP8;CASP8;CASP8;CASP8	0.00222513	0.00273313	0.123134	-8.12125	0.923124	0.9523	-1.05009	0.00665342	0.168104	-5.9487	0.00290946	0.125944	-7.94004	0.000604259	0.0687116	-14.5536	0.0718822	0.361514	-2.76614	0.00376654	0.138084	-7.24196	0.00277625	0.123833	-8.0754	0.00544365	0.156976	-6.3704	9.34617	37.9541	3.60971	1
cg23061725	CASP8;CASP8;CASP8;CASP8;CASP8;CASP8	1.10E-05	0.00620744	1.39108	1.39108	3.47E-05	0.476846	-2.09711	4.80E-06	0.380055	-2.6312	0.00250906	0.678192	-1.47451	0.00070553	0.620273	-1.61219	0.0903108	0.841414	-1.18848	0.000118675	1.86447	1.86447	0.00195032	1.49971	1.49971	0.000847939	0.628755	-1.59044	39.6038	5.36802	0.120483	1
cg04286206	CASP8;CASP8;CASP8;CASP8;CASP8;CASP8	5.19E-05	0.00919984	0.459834	-2.1747	0.0197495	0.516112	-1.93756	8.11E-05	0.188198	-5.31355	1.63E-05	0.124196	-8.05182	3.90E-05	0.157158	-6.36302	8.48E-05	0.19021	-5.25735	0.0864504	0.64085	-1.56043	7.11E-05	0.182376	-5.48318	0.000279198	0.247455	-4.04114	26.3583	23.0423	0.777061	1
cg12604794	CASP8;CASP8;CASP8;CASP8;CASP8;CASP8	0.00152812	0.00228878	0.288692	-3.4639	0.066825	0.549526	-1.81975	0.00209199	0.283241	-3.53056	0.00344329	0.314261	-3.18207	0.00106389	0.244225	-4.09458	0.0350348	0.488887	-2.04546	0.00185953	0.276194	-3.62064	0.000874246	0.233539	-4.28194	0.00186554	0.276386	-3.61813	10.4237	14.0152	1.19516	1
cg00978584	CASP8;CASP8;CASP8;CASP8;CASP8;CASP8	0.0226753	0.102592	0.330209	-3.02839	0.684675	1.28823	1.28823	0.00898183	0.127319	-7.8543	0.0175114	0.16634	-6.01179	0.0792642	0.298621	-3.34873	0.187916	0.420796	-2.37645	0.0275838	0.198665	-5.03359	0.00393831	0.0901525	-11.0923	0.037776	0.224358	-4.45716	4.50688	27.4676	5.41741	1
cg23817555	CASP8;CASP8;CASP8;CASP8;CASP8;CASP8	0.0313211	0.341675	0.855383	-1.16907	0.00879659	0.587489	-1.70216	0.122416	0.76576	-1.30589	0.560986	1.09826	1.09826	0.876703	0.97555	-1.02506	0.893552	1.02157	1.02157	0.00407755	1.84889	1.84889	0.752595	0.950833	-1.05171	0.501751	1.11482	1.11482	4.02461	1.62019	0.357841	1
cg26842802	CASP8;CASP8;CASP8;CASP8;CASP8;CASP8	0.0475922	0.371675	0.776129	-1.28844	0.281322	0.733899	-1.36259	0.0272676	0.485857	-2.05822	0.0427748	0.52501	-1.90472	0.86139	0.952858	-1.04947	0.654901	1.13236	1.13236	0.010982	2.41508	2.41508	0.680145	1.12136	1.12136	0.138276	0.64343	-1.55417	3.45208	4.174	1.07478	1
cg14728024	CASP8AP2;CASP8AP2;CASP8AP2	0.000178772	0.00251392	0.578689	-1.72805	0.000608899	0.502312	-1.99079	0.0919415	0.785183	-1.27359	0.0568944	0.755112	-1.32431	7.14E-06	0.274438	-3.6438	0.0398805	0.733701	-1.36295	0.000250714	0.455075	-2.19744	0.216044	0.843908	-1.18496	0.000398207	0.479646	-2.08487	18.938	5.09645	0.239211	1
cg03687994	CASP8AP2;CASP8AP2;CASP8AP2	0.00345318	0.0095361	0.270983	-3.69027	0.00162375	0.165935	-6.02645	0.118233	0.509389	-1.96314	0.0424234	0.394776	-2.53308	0.0847557	0.468542	-2.13428	0.16641	0.556098	-1.79824	0.00284586	0.195248	-5.1217	0.00595589	4.17892	4.17892	0.0428715	0.395802	-2.52651	8.20681	20.5567	2.22652	1
cg15331097	CASP8AP2;CASP8AP2;CASP8AP2	0.0166685	0.69868	0.934882	-1.06965	0.00868462	0.560477	-1.7842	0.854311	1.03233	1.03233	0.497445	1.12665	1.12665	0.0459239	1.48592	1.48592	0.113712	1.34703	1.34703	0.0989679	0.731159	-1.36769	0.00430639	0.516462	-1.93625	0.362433	1.17591	1.17591	5.00229	2.37396	0.421844	1
cg21167072	CASP8AP2;CASP8AP2;CASP8AP2	0.0182045	0.000301576	0.163194	-6.12767	0.5686	0.837144	-1.19454	0.882468	0.955389	-1.04669	0.0271753	0.446381	-2.24024	0.644917	0.866623	-1.1539	0.546556	0.828424	-1.20711	0.751922	0.906803	-1.10278	0.113086	0.587436	-1.70231	0.989084	1.00423	1.00423	4.85663	7.32007	1.33976	1
cg13799429	CASP8AP2;CASP8AP2;CASP8AP2	0.0214336	0.69376	0.921707	-1.08494	0.0973788	0.687457	-1.45464	0.00975615	0.510018	-1.96071	0.583923	1.12068	1.12068	0.0299984	0.591016	-1.692	0.0387187	0.610688	-1.6375	0.0196115	1.78765	1.78765	0.297666	1.24909	1.24909	0.160081	0.734029	-1.36234	4.59482	3.0885	0.597485	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11404049	CASP9;CASP9	0.000949084	0.256896	1.6788	1.6788	0.755502	1.14655	1.14655	0.423188	1.43069	1.43069	0.183959	1.85357	1.85357	0.249912	0.590702	-1.6929	1.15E-05	0.0169926	-58.8491	0.357196	0.660615	-1.51374	0.900754	1.05614	1.05614	0.521261	1.32929	1.32929	11.942	36.2554	2.69862	1
cg02612026	CASP9;CASP9	0.00223521	0.769455	0.897655	-1.11401	0.423185	1.35057	1.35057	0.114042	1.88055	1.88055	0.37994	1.3922	1.3922	0.279405	1.51154	1.51154	0.707218	1.14868	1.14868	3.15E-05	0.0507504	-19.7043	0.858665	0.936614	-1.06768	0.912578	0.960457	-1.04117	9.3338	19.9514	1.90004	1
cg19267254	CASP9;CASP9	0.0119474	0.314451	0.670054	-1.49242	0.267218	0.640895	-1.56032	0.40947	0.722753	-1.3836	0.748076	0.883351	-1.13205	0.384701	0.709607	-1.40923	0.276472	1.54604	1.54604	0.000608871	7.63766	7.63766	0.0120755	3.33543	3.33543	0.187563	1.71184	1.71184	5.58145	13.096	2.08564	1
cg24483825	CASP9;CASP9	0.014124	?	?	?	0.00387633	7.33363	7.33363	0.00276866	8.28051	8.28051	0.361573	0.618553	-1.61668	0.733751	0.839564	-1.19109	0.116919	0.417936	-2.39271	0.270618	0.555715	-1.79948	0.818199	1.12517	1.12517	0.991314	1.00559	1.00559	5.38573	19.8917	3.69341	1
cg19602374	CASP9;CASP9	0.0296204	0.14681	0.795074	-1.25774	0.0991976	1.30496	1.30496	0.00267741	1.84284	1.84284	0.200938	0.819619	-1.22008	0.150849	0.797137	-1.25449	0.513211	1.10258	1.10258	0.0713772	1.34522	1.34522	0.860431	0.974415	-1.02626	0.604925	0.926024	-1.07989	4.10534	1.41011	0.305318	1
cg24458329	CASP9;CASP9	0.0474313	0.683649	1.06499	1.06499	0.00493836	0.564298	-1.77211	0.0356047	0.686662	-1.45632	0.627563	0.927618	-1.07803	0.650277	1.07266	1.07266	0.117223	0.769888	-1.29889	0.0692056	1.36675	1.36675	0.28098	0.8418	-1.18793	0.957556	0.991854	-1.00821	3.45649	1.29294	0.332498	1
cg07813643	CASQ1	0.00448337	0.00059462	0.317391	-3.15069	0.00275791	0.409019	-2.44488	0.00282855	0.410619	-2.43535	0.399634	0.829733	-1.20521	0.0203962	0.546058	-1.83131	0.712193	0.922921	-1.08352	0.00559635	0.45497	-2.19795	0.333813	0.805906	-1.24084	0.0251047	0.561729	-1.78022	7.58624	5.63018	0.659695	1
cg20411813	CASQ1	0.00826513	0.0299822	0.683851	-1.46231	0.000224004	0.400912	-2.49431	0.303065	1.17208	1.17208	0.734539	0.950603	-1.05196	0.0874586	0.75517	-1.32421	0.115589	0.775225	-1.28995	0.268848	0.84248	-1.18697	0.0147832	0.639894	-1.56276	0.442069	0.889883	-1.12374	6.27932	2.2032	0.31188	1
cg00356916	CASQ2	7.25E-05	0.063991	0.643691	-1.55354	0.0108325	0.508043	-1.96834	0.150798	1.3852	1.3852	0.000252472	0.278932	-3.58511	1.61E-06	0.0776198	-12.8833	0.0227395	0.561605	-1.78061	0.00216266	0.402101	-2.48694	0.52239	0.871799	-1.14705	0.00102586	0.357078	-2.80051	24.1226	17.1088	0.630439	1
cg15064681	CASQ2	0.00516848	0.311326	0.846109	-1.18188	0.228055	0.817221	-1.22366	0.091385	0.74335	-1.34526	0.98641	0.997286	-1.00272	7.01E-05	0.314162	-3.18307	0.676718	1.06918	1.06918	0.0502933	0.700478	-1.4276	0.808918	1.03941	1.03941	0.0863595	0.739151	-1.3529	7.26465	2.92833	0.358305	1
cg14423702	CASQ2	0.040927	0.843197	1.05915	1.05915	0.0226886	0.453175	-2.20665	0.00608532	0.353755	-2.82681	0.0624291	0.544177	-1.83764	0.993922	0.997792	-1.00221	0.526437	1.2047	1.2047	0.0730034	1.7864	1.7864	0.828059	1.06515	1.06515	0.383816	0.771744	-1.29577	3.65214	4.8695	1.18518	1
cg24105634	CASR	3.43E-06	1.25E-05	0.155457	-6.43263	0.2154	1.30192	1.30192	0.169727	0.74383	-1.34439	0.911825	0.977836	-1.02267	0.00233864	0.423326	-2.36225	0.920031	0.979886	-1.02053	1.17E-07	0.0324039	-30.8605	0.000168223	0.27372	-3.65337	8.35E-06	0.140109	-7.13729	53.4935	34.6858	0.576367	1
cg12350196	CASR	1.80E-05	0.000380809	0.44289	-2.25789	9.70E-05	0.369795	-2.7042	0.000194215	0.406566	-2.45963	0.000517348	0.459611	-2.17575	0.000180672	0.402704	-2.48322	0.000271354	0.424534	-2.35553	7.78E-07	0.148766	-6.72196	0.000101075	0.371962	-2.68844	0.000291602	0.42842	-2.33416	34.8369	11.3657	0.290005	1
cg06782676	CASR	8.23E-05	0.305829	1.3174	1.3174	0.981653	1.006	1.006	0.00487263	0.378948	-2.63888	0.680224	1.11377	1.11377	0.000345728	0.22382	-4.46788	0.709679	0.90735	-1.10211	2.35E-06	0.0504179	-19.8342	0.0118004	0.441509	-2.26496	0.000353	0.224867	-4.44706	23.3247	24.9707	0.951618	1
cg13960678	CASR	9.25E-05	0.227717	0.737704	-1.35556	0.925326	1.02278	1.02278	0.0227856	0.519588	-1.9246	0.404201	1.2276	1.2276	3.83E-06	0.0751232	-13.3115	0.0655201	0.608588	-1.64315	3.80E-05	0.149672	-6.68126	0.0353307	0.554983	-1.80186	0.000543226	0.274844	-3.63843	22.6036	20.6634	0.812593	1
cg09447811	CASR	0.000326293	0.000394735	0.291129	-3.43491	0.488127	0.85727	-1.16649	0.000408194	0.292951	-3.41354	0.00297831	0.410241	-2.43759	9.70E-05	0.21972	-4.55125	9.42E-05	0.218338	-4.58005	0.63437	0.900545	-1.11044	0.127085	0.697134	-1.43445	0.00567586	0.452328	-2.21079	16.0758	12.1717	0.673016	1
cg09729182	CASR	0.00157396	0.00305372	0.187245	-5.3406	0.000653024	0.115613	-8.64954	0.000425393	0.0998445	-10.0156	0.00467194	0.211617	-4.72553	0.00645469	0.231667	-4.31655	0.066856	0.428133	-2.33573	0.0164843	0.29825	-3.35289	0.00652451	0.232358	-4.30371	0.0015446	0.152537	-6.55578	10.3352	27.9078	2.40023	1
cg23199797	CASR	0.00305825	0.755459	0.909609	-1.09937	0.77545	1.0906	1.0906	0.0881658	0.565195	-1.7693	0.976298	0.991031	-1.00905	0.000185479	0.147435	-6.78266	0.222962	1.47451	1.47451	0.96591	0.987123	-1.01304	0.106468	0.585942	-1.70665	0.000651633	0.204946	-4.87933	8.5094	12.393	1.29457	1
cg10791023	CASR	0.0037258	0.0745752	0.548898	-1.82183	0.689002	1.12917	1.12917	0.0245913	0.445543	-2.24445	0.424137	0.78153	-1.27954	0.00374192	0.30663	-3.26126	0.0466392	0.502587	-1.98971	0.00471331	0.321766	-3.10785	0.00115619	0.236551	-4.22742	0.000746327	0.213236	-4.68964	8.02205	11.5859	1.28379	1
cg16248933	CASR	0.00864164	0.129639	0.55436	-1.80388	0.364569	0.714838	-1.39892	0.236357	0.6395	-1.56372	0.391604	1.37199	1.37199	0.000363983	0.127641	-7.83445	0.571822	1.22857	1.22857	0.735575	1.1299	1.1299	0.0399446	0.425044	-2.3527	0.00589502	0.273037	-3.66251	6.19158	12.7307	1.82767	1
cg01945223	CASR	0.0212281	0.00169297	0.0549915	-18.1846	0.661508	1.32964	1.32964	0.0184635	0.157528	-6.34807	0.952078	0.961881	-1.03963	0.0159363	0.148277	-6.74414	0.0459322	0.22777	-4.3904	0.700691	0.778983	-1.28373	0.0439078	0.223684	-4.47059	0.203809	0.420077	-2.38052	4.60998	30.5323	5.88718	1
cg25729826	CASR	0.0355851	0.0161837	0.443922	-2.25265	0.0739155	1.73308	1.73308	0.0418979	1.91043	1.91043	0.590264	1.16191	1.16191	0.77471	0.923834	-1.08245	0.0408228	0.521113	-1.91897	0.0619393	0.559732	-1.78657	0.303372	0.745052	-1.34219	0.350442	0.766961	-1.30385	3.84397	4.63979	1.07291	1
cg07732593	CASR	0.0481213	0.0608653	0.361235	-2.76828	0.0145402	0.234427	-4.26572	0.0542758	0.34905	-2.86492	0.66143	0.808666	-1.2366	0.00709247	0.187034	-5.34663	0.3781	0.646742	-1.54621	0.642155	0.798101	-1.25297	0.330522	0.616391	-1.62235	0.0157226	0.240142	-4.1642	3.43769	12.6441	3.26942	1
cg18685835	CASS4;CASS4;CASS4;CASS4	0.000213742	0.000141518	0.292376	-3.42026	0.0355708	0.632397	-1.58129	1.48E-05	0.185477	-5.39151	0.000119795	0.283779	-3.52386	0.214301	0.782806	-1.27746	0.0564164	0.667264	-1.49866	0.758656	0.943914	-1.05942	0.0879313	0.70277	-1.42294	0.428139	1.16359	1.16359	18.0429	10.0241	0.493842	1
cg16210447	CASS4;CASS4;CASS4;CASS4	0.0189631	0.532235	0.843899	-1.18498	0.89464	1.03619	1.03619	0.842794	1.05471	1.05471	0.00410579	0.355984	-2.80911	0.00585672	0.379947	-2.63195	0.300831	0.750055	-1.33323	0.0642099	0.572406	-1.74701	0.54112	1.18054	1.18054	0.00582478	0.37957	-2.63456	4.7902	5.46007	1.01319	1
cg14303122	CASS4;CASS4;CASS4;CASS4	0.0246356	0.0557426	0.480983	-2.07907	0.24955	0.666071	-1.50134	0.0304487	0.423636	-2.36051	0.000920278	0.18789	-5.32227	0.0374689	0.442533	-2.25972	0.737551	1.12026	1.12026	0.994897	0.997843	-1.00216	0.905992	0.960892	-1.0407	0.211145	0.640915	-1.56027	4.37952	7.90886	1.60522	1
cg22026376	CAST;CAST;CAST;CAST;CAST	0.00353957	0.847335	0.974432	-1.02624	0.00018188	0.427084	-2.34146	0.444039	0.900451	-1.11056	0.0912932	0.77887	-1.28391	0.143353	0.80951	-1.23532	0.977852	0.996276	-1.00374	0.000528726	0.484122	-2.0656	0.98445	0.997385	-1.00262	0.0488712	0.739148	-1.35291	8.14635	2.32989	0.254226	1
cg24849812	CAST;CAST;CAST;CAST;CAST	0.00576875	0.559583	1.03351	1.03351	0.121137	1.09845	1.09845	0.000411157	1.36804	1.36804	0.0503688	0.882835	-1.13271	0.0697495	1.11998	1.11998	0.0535139	1.13034	1.13034	0.013519	1.18624	1.18624	0.0508681	1.13233	1.13233	0.0152091	1.18124	1.18124	7.02376	0.347229	0.0439434	1
cg13924988	CAST;CAST;CAST;CAST;CAST	0.010149	0.00593573	0.187095	-5.34486	0.358187	1.55292	1.55292	0.142284	0.4796	-2.08507	0.664843	1.22513	1.22513	0.0105259	0.22327	-4.47888	0.159006	2.01619	2.01619	0.634792	0.800196	-1.24969	0.41406	0.677772	-1.47542	0.0038501	6.13651	6.13651	5.88271	20.217	3.05483	1
cg01741836	CAST;CAST;CAST;CAST;CAST	0.026469	0.734944	0.878927	-1.13775	0.13872	0.545915	-1.83179	0.0263255	0.367684	-2.71973	0.0738408	0.469197	-2.1313	0.678971	1.17123	1.17123	0.330477	1.46429	1.46429	0.313392	1.48586	1.48586	0.00146538	0.174731	-5.72307	0.545133	0.792493	-1.26184	4.27129	9.75707	2.03052	1
cg21635917	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.000684538	0.990215	1.00186	1.00186	0.320712	1.168	1.168	0.000990495	0.47678	-2.09741	0.0738744	1.35195	1.35195	0.0378073	0.69449	-1.43991	0.969542	0.994238	-1.0058	2.21E-05	0.275502	-3.62974	0.691848	0.941484	-1.06215	0.417128	1.13373	1.13373	13.0926	4.75047	0.322521	1
cg07507685	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.00202574	0.00551989	0.537732	-1.85966	0.263844	0.820275	-1.2191	0.0246587	1.57632	1.57632	0.275437	1.21287	1.21287	0.000281244	0.364224	-2.74556	0.00727885	0.554997	-1.80181	0.924413	1.01627	1.01627	0.0926311	1.36995	1.36995	0.177254	1.27625	1.27625	9.60603	4.40176	0.407314	1
cg27067214	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.00638956	0.687352	1.0496	1.0496	0.180499	1.1855	1.1855	0.040861	1.32637	1.32637	0.0809364	0.793289	-1.26057	0.239904	1.15864	1.15864	0.0110667	0.683003	-1.46412	0.0017711	0.587009	-1.70355	0.205561	1.17328	1.17328	0.0257414	1.3729	1.3729	6.80544	1.54329	0.201576	1
cg19779670	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.0489405	0.728915	1.09917	1.09917	0.00553372	2.69343	2.69343	0.106642	1.61413	1.61413	0.125721	0.637417	-1.56883	0.3461	0.768199	-1.30175	0.125385	1.56956	1.56956	0.100014	0.612738	-1.63202	0.437299	1.2403	1.2403	0.793667	1.07384	1.07384	3.41579	3.99599	1.03987	1
cg24982541	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	1.32E-06	0.164829	1.19492	1.19492	0.0394783	0.751083	-1.33141	0.0325953	0.740398	-1.35062	0.0543012	1.30011	1.30011	2.36E-05	0.362639	-2.75757	1.02E-07	0.125926	-7.94119	5.03E-07	0.184875	-5.40907	0.00359903	1.60594	1.60594	0.0239455	0.723432	-1.3823	68.3322	15.6301	0.203322	1
cg11214001	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.000472506	0.00165283	0.427738	-2.33788	0.110449	0.720339	-1.38824	0.0338407	1.5956	1.5956	0.646985	1.09085	1.09085	6.35E-05	0.249603	-4.00636	0.00465134	0.491719	-2.03368	0.00271391	0.457952	-2.18363	0.0156307	1.74882	1.74882	0.0894127	0.702452	-1.42358	14.5163	8.17637	0.50067	1
cg24742349	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	8.63E-05	0.790816	1.02928	1.02928	0.340809	0.898928	-1.11244	4.81E-06	3.11073	3.11073	0.0674778	1.24905	1.24905	0.00622765	1.47265	1.47265	0.00349934	0.650512	-1.53725	0.00040054	0.542667	-1.84275	0.333425	1.11438	1.11438	0.265849	0.881744	-1.13412	23.0322	4.2979	0.16587	1
cg17330273	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;ERAP1;CAST	0.010989	0.141029	1.67772	1.67772	0.374689	0.742445	-1.3469	0.230228	0.662714	-1.50895	0.0244334	2.40211	2.40211	0.289939	0.698382	-1.43188	0.0352727	2.2286	2.2286	0.0120802	2.78102	2.78102	0.00163482	4.36896	4.36896	0.0902568	1.84075	1.84075	5.73437	9.70186	1.50389	1
cg24705254	CAST;CAST;CAST;CAST;CAST;CAST;ERAP1;CAST;CAST;CAST;CAST;CAST	0.0432632	0.234228	1.38992	1.38992	0.0901513	0.610718	-1.63742	0.0754556	0.593012	-1.68631	0.0650433	1.72803	1.72803	0.588367	1.1552	1.1552	0.011243	2.31302	2.31302	0.904772	1.03211	1.03211	0.468239	0.822946	-1.21515	0.108426	0.629785	-1.58784	3.57772	3.95028	0.981453	1
cg19403943	CASZ1	0.00150229	0.251068	0.805123	-1.24205	0.0439815	1.51951	1.51951	0.699185	1.07271	1.07271	0.0810303	0.704926	-1.41859	2.75E-05	0.224537	-4.45361	0.307686	0.826248	-1.21029	0.534844	1.12031	1.12031	0.302194	1.21312	1.21312	0.0872905	0.710892	-1.40668	10.475	5.42016	0.459945	1
cg22608619	CASZ1	0.00229619	0.684884	1.12201	1.12201	0.0102026	2.49418	2.49418	0.0617049	1.81084	1.81084	0.000454102	0.210343	-4.75415	0.00603989	0.363496	-2.75106	0.151566	1.54272	1.54272	0.0465507	1.90253	1.90253	0.107684	1.64108	1.64108	0.255559	0.715401	-1.39782	9.26049	11.6772	1.12087	1
cg02096887	CASZ1	0.00359905	0.141433	1.48595	1.48595	0.226219	0.727407	-1.37475	0.492492	0.839801	-1.19076	0.838479	1.05245	1.05245	0.306943	1.30331	1.30331	0.886324	0.964808	-1.03648	0.000201873	4.76698	4.76698	0.00127411	3.24475	3.24475	0.0353343	1.84749	1.84749	8.10578	8.05331	0.883136	1
cg02720091	CASZ1	0.0252628	0.791284	0.912382	-1.09603	0.152295	0.588534	-1.69914	0.379958	1.36529	1.36529	0.221083	1.56004	1.56004	0.348901	1.39569	1.39569	0.967795	1.01406	1.01406	0.00128074	5.06993	5.06993	0.124035	1.77861	1.77861	0.0156744	2.78449	2.78449	4.3414	8.21814	1.68264	1
cg01824138	CASZ1	0.0434282	0.0910799	3.13021	3.13021	0.111981	2.88958	2.88958	0.715155	1.25196	1.25196	0.274599	2.00762	2.00762	0.873927	1.10225	1.10225	0.054954	3.79756	3.79756	0.002021	14.4381	14.4381	0.0466075	4.04335	4.04335	0.0458779	4.06771	4.06771	3.57265	21.2693	5.29189	1
cg20318235	CASZ1;CASZ1	6.74E-05	0.00538562	0.55859	-1.79022	0.000500183	2.37568	2.37568	0.0466686	0.696261	-1.43624	0.33965	0.855206	-1.16931	2.52E-06	0.163735	-6.10745	0.0103335	1.67109	1.67109	0.27039	1.20008	1.20008	0.142101	0.778149	-1.2851	0.563054	0.91126	-1.09738	24.5926	9.83852	0.35561	1
cg02634861	CASZ1;CASZ1	8.47E-05	0.342187	1.26095	1.26095	0.188542	1.39107	1.39107	0.389052	1.23261	1.23261	0.970495	0.991275	-1.0088	1.11E-06	0.0496971	-20.1219	0.340277	0.792278	-1.26218	0.00121039	0.325401	-3.07313	0.471931	1.18929	1.18929	0.725027	0.919734	-1.08727	23.1464	20.5774	0.790231	1
cg05654925	CASZ1;CASZ1	0.000212461	0.00261494	0.575329	-1.73814	0.0201579	1.45019	1.45019	0.333442	1.14148	1.14148	0.404616	1.11975	1.11975	0.000408397	0.474868	-2.10585	0.0108759	0.654363	-1.5282	0.00136935	0.540078	-1.85158	0.00242874	1.75043	1.75043	0.000150268	0.421759	-2.37102	18.0724	5.03526	0.247659	1
cg10891879	CASZ1;CASZ1	0.000230925	0.000203981	0.359123	-2.78456	0.0434597	0.682518	-1.46516	0.000275926	0.375508	-2.66306	0.000143486	0.340328	-2.93834	0.00610836	0.555052	-1.80163	0.00354159	0.521924	-1.91599	0.0084895	0.575437	-1.73781	0.000100527	0.321649	-3.10898	0.000248707	0.36985	-2.7038	17.6677	7.57104	0.380912	1
cg24661860	CASZ1;CASZ1	0.000233658	0.000666741	0.196288	-5.09455	0.0165248	0.40033	-2.49794	0.00269603	0.273593	-3.65507	0.0712312	0.532638	-1.87745	1.47E-05	0.0599404	-16.6832	0.951654	0.981224	-1.01914	7.27E-05	0.104676	-9.55332	0.0459295	0.489098	-2.04458	0.00731012	0.339179	-2.94829	17.6112	27.2581	1.3758	1
cg11233000	CASZ1;CASZ1	0.000645368	0.00137393	0.347048	-2.88144	0.00111428	0.334605	-2.9886	0.00123313	0.340598	-2.93601	0.000910641	0.322824	-3.09766	0.011757	0.488008	-2.04915	0.0101093	0.477211	-2.09551	6.37E-05	0.186924	-5.34976	0.608157	0.888791	-1.12512	0.246387	0.758543	-1.31832	13.3102	10.9561	0.731676	1
cg13114836	CASZ1;CASZ1	0.000995092	0.0621805	1.25609	1.25609	0.230866	0.872418	-1.14624	0.00966062	0.700744	-1.42705	0.336799	1.11354	1.11354	7.12E-05	0.455482	-2.19547	0.498359	1.0775	1.0775	0.00221994	1.59273	1.59273	0.938561	1.00841	1.00841	0.172113	0.853993	-1.17097	11.783	2.20065	0.166014	1
cg07589381	CASZ1;CASZ1	0.00104682	0.426674	0.823916	-1.21372	0.00660042	0.431005	-2.32016	0.427982	0.824386	-1.21302	0.0190876	1.96793	1.96793	0.0100701	0.460706	-2.17058	0.406207	1.2248	1.2248	0.37041	1.24545	1.24545	0.000160646	4.65682	4.65682	0.00375348	2.54376	2.54376	11.6147	10.4755	0.801701	1
cg19253831	CASZ1;CASZ1	0.00108703	0.00433656	0.246522	-4.05644	4.77E-05	0.060004	-16.6656	0.0110758	0.310329	-3.22239	0.704119	0.869231	-1.15044	0.00202265	0.202036	-4.94962	0.343715	0.698883	-1.43085	0.0112824	0.311699	-3.20823	0.00176857	0.194829	-5.13271	0.271021	0.656439	-1.52337	11.491	24.5541	1.89939	1
cg08537783	CASZ1;CASZ1	0.00184653	0.0760411	0.679689	-1.47126	0.000803368	0.371809	-2.68955	0.0586009	0.658458	-1.5187	0.172631	1.32827	1.32827	0.00352457	0.46126	-2.16798	0.0605368	0.661065	-1.51271	0.000214155	0.298497	-3.35012	0.0164234	0.563543	-1.77449	0.697896	1.07927	1.07927	9.86842	5.97854	0.538512	1
cg13840194	CASZ1;CASZ1	0.00186838	0.00177397	0.129301	-7.7339	0.00578716	5.26802	5.26802	0.00269124	6.72733	6.72733	0.0393754	0.334386	-2.99055	0.0860942	2.3909	2.3909	0.0287934	0.30572	-3.27097	?	?	?	0.751659	1.1571	1.1571	0.165552	1.97337	1.97337	10.0606	29.9194	2.97392	1
cg02903756	CASZ1;CASZ1	0.00205063	0.117714	0.709782	-1.40888	0.00774035	0.501483	-1.99409	0.157267	0.736998	-1.35686	0.513442	0.874838	-1.14307	2.66E-05	0.187252	-5.34041	0.882091	1.0304	1.0304	0.983973	1.00406	1.00406	0.897305	0.974283	-1.0264	0.0966473	0.692121	-1.44483	9.57189	6.17159	0.573121	1
cg26537894	CASZ1;CASZ1	0.0023276	0.0631378	1.37102	1.37102	0.0620361	1.37328	1.37328	0.166629	1.24937	1.24937	0.216494	0.821728	-1.21695	0.0293827	0.678844	-1.47309	0.000272748	0.406352	-2.46092	0.0727048	0.739129	-1.35294	0.0112652	1.61492	1.61492	0.145751	0.789939	-1.26592	9.22367	3.32966	0.320881	1
cg10816626	CASZ1;CASZ1	0.00348548	0.124315	0.771653	-1.29592	0.167027	1.25793	1.25793	0.361878	0.864168	-1.15718	0.0979888	0.753715	-1.32676	0.000130764	0.355427	-2.81351	0.543615	0.908684	-1.10049	0.332383	1.16855	1.16855	0.0784262	1.35596	1.35596	0.0460579	1.42774	1.42774	8.18398	3.14491	0.341579	1
cg00925802	CASZ1;CASZ1	0.0037104	0.015696	0.454882	-2.19837	0.00321623	0.343161	-2.91409	0.0311784	0.510344	-1.95946	0.0324439	0.513723	-1.94657	0.000182793	0.185836	-5.38108	0.517813	1.19055	1.19055	0.6746	0.893754	-1.11888	0.456214	1.22368	1.22368	0.384784	0.788961	-1.26749	8.03203	9.00149	0.996177	1
cg09179249	CASZ1;CASZ1	0.00385195	0.332163	0.723541	-1.38209	0.359734	1.35605	1.35605	0.0170958	0.390549	-2.5605	0.21108	0.652996	-1.5314	0.000158608	0.12382	-8.07623	0.4806	0.793021	-1.261	0.00214302	0.247919	-4.03358	0.540625	1.22184	1.22184	0.958212	0.983195	-1.01709	7.94217	13.1596	1.47282	1
cg23957159	CASZ1;CASZ1	0.00390662	0.0369304	0.408951	-2.44528	0.000228626	0.104445	-9.57442	0.102959	0.517759	-1.9314	0.58756	0.817041	-1.22393	0.0102946	0.303305	-3.29701	0.0667088	0.468327	-2.13526	0.00229119	0.207406	-4.82146	0.00399712	0.23991	-4.16822	0.371593	0.712833	-1.40285	7.90856	17.0535	1.91674	1
cg10582871	CASZ1;CASZ1	0.00433692	0.806126	1.02735	1.02735	0.295058	0.887667	-1.12655	?	?	?	0.0721894	0.802363	-1.24632	0.0156001	0.72226	-1.38454	0.721539	0.961491	-1.04005	0.000391347	1.85913	1.85913	0.192392	1.16346	1.16346	0.049162	0.781603	-1.27942	7.82918	1.32715	0.169514	1
cg09415955	CASZ1;CASZ1	0.00460637	0.148136	0.661005	-1.51285	0.000134369	0.17114	-5.84316	0.0272362	0.497898	-2.00844	0.892911	0.964694	-1.0366	0.0229826	0.483943	-2.06636	0.0581073	0.564653	-1.771	0.00703437	0.394625	-2.53405	0.0152983	0.451757	-2.21358	0.486183	0.827928	-1.20783	7.52416	8.48634	1.00256	1
cg07974958	CASZ1;CASZ1	0.00507948	0.01575	0.694208	-1.44049	0.1738	0.836538	-1.1954	0.4977	1.08863	1.08863	0.507561	0.920423	-1.08646	0.000106151	0.429994	-2.32561	0.502761	1.08751	1.08751	0.207637	1.17808	1.17808	0.412774	0.90187	-1.10881	0.520131	0.922734	-1.08374	7.30333	1.75979	0.214184	1
cg23901904	CASZ1;CASZ1	0.00533513	0.542407	0.905895	-1.10388	0.000105934	2.99513	2.99513	0.891053	1.02221	1.02221	0.178586	0.795289	-1.2574	0.654918	1.07476	1.07476	0.139146	0.774819	-1.29062	0.41162	0.874106	-1.14403	0.204828	0.807006	-1.23915	0.473603	1.12391	1.12391	7.19441	2.92695	0.361632	1
cg10053369	CASZ1;CASZ1	0.0067258	0.484375	0.846993	-1.18065	0.00275148	0.380802	-2.62604	0.0267867	0.541668	-1.84615	0.45215	1.19602	1.19602	0.00138928	0.338636	-2.95303	0.987963	0.996481	-1.00353	0.02505	1.86436	1.86436	0.808188	1.05848	1.05848	0.459198	1.19258	1.19258	6.69795	5.79294	0.768785	1
cg02486355	CASZ1;CASZ1	0.00789857	0.251161	1.15748	1.15748	0.0856238	1.2608	1.2608	0.0789731	1.26861	1.26861	0.0866406	1.25967	1.25967	0.336872	0.886232	-1.12837	0.940346	0.990912	-1.00917	0.000675569	1.88511	1.88511	0.0488375	0.760023	-1.31575	0.0443896	0.754546	-1.3253	6.36966	1.50093	0.209455	1
cg08885197	CASZ1;CASZ1	0.00798593	0.0179211	1.50219	1.50219	0.23868	1.19072	1.19072	0.00260927	0.55446	-1.80356	0.352794	1.14481	1.14481	0.413927	0.888574	-1.1254	0.293576	0.857182	-1.16661	0.00969889	0.629497	-1.58857	0.0214672	1.47812	1.47812	0.659027	0.939121	-1.06483	6.34766	2.01137	0.281661	1
cg04149978	CASZ1;CASZ1	0.00919321	0.0259645	0.499463	-2.00215	0.0247499	0.495537	-2.01801	0.00841092	0.413122	-2.42059	0.152032	1.49636	1.49636	0.387767	0.792545	-1.26176	0.0596919	1.74741	1.74741	0.35909	1.28104	1.28104	0.0127631	2.25379	2.25379	0.133087	1.53053	1.53053	6.07128	6.6333	0.971174	1
cg24293689	CASZ1;CASZ1	0.0102771	0.258421	0.745179	-1.34196	0.163605	0.690161	-1.44894	0.66884	1.1133	1.1133	0.38561	0.801026	-1.2484	0.00244632	0.349385	-2.86218	0.340429	1.27769	1.27769	0.00211148	2.93943	2.93943	0.569404	1.15422	1.15422	0.160128	1.45402	1.45402	5.85913	5.77348	0.875896	1
cg07177917	CASZ1;CASZ1	0.0126686	0.594134	0.913924	-1.09418	0.26781	0.824336	-1.2131	0.886748	1.02414	1.02414	0.0662761	1.41162	1.41162	0.0218846	0.631086	-1.58457	0.142269	1.30213	1.30213	0.0153816	0.607906	-1.64499	0.13041	1.31439	1.31439	0.00445347	1.8869	1.8869	5.47608	2.42904	0.394286	1
cg27563027	CASZ1;CASZ1	0.0131543	0.122715	0.612928	-1.63151	0.786147	1.08285	1.08285	0.046289	1.95072	1.95072	0.39595	0.775347	-1.28975	0.00303026	0.304475	-3.28434	0.927246	1.02709	1.02709	0.0907757	0.579628	-1.72524	0.00224319	0.285843	-3.49842	0.67844	0.885123	-1.12979	5.40926	7.33928	1.20605	1
cg13840252	CASZ1;CASZ1	0.0141225	0.172159	0.708221	-1.41199	0.00799603	0.446217	-2.24106	0.00752972	0.442017	-2.26235	0.868716	0.961489	-1.04005	0.00218187	0.360412	-2.7746	0.0752936	0.624916	-1.60021	0.238483	1.34058	1.34058	0.512156	1.17096	1.17096	0.383857	0.808985	-1.23612	5.28473	4.71699	0.793396	1
cg03962214	CASZ1;CASZ1	0.0144311	0.154021	0.705763	-1.41691	0.0759392	0.636988	-1.56989	0.00193919	0.367395	-2.72186	0.527071	0.863866	-1.15759	0.00181364	0.363279	-2.75271	0.0128994	0.494143	-2.0237	0.901403	0.972095	-1.02871	0.674851	0.908153	-1.10114	0.0807985	0.642652	-1.55605	5.24725	4.3334	0.734083	1
cg24929966	CASZ1;CASZ1	0.0145118	0.706636	0.928968	-1.07646	0.00715677	1.96744	1.96744	0.486008	1.14791	1.14791	0.0887849	1.44168	1.44168	0.922395	1.01917	1.01917	0.781112	0.947165	-1.05578	0.0014919	0.409637	-2.44118	0.74359	0.938041	-1.06605	0.140754	0.734366	-1.36172	5.23761	3.14996	0.534589	1
cg13085232	CASZ1;CASZ1	0.0148279	0.0131861	0.285074	-3.50786	0.00335776	0.195983	-5.10249	0.0136974	0.287936	-3.47299	0.924712	1.03936	1.03936	0.0690952	0.435745	-2.29492	0.0436693	0.387842	-2.57837	0.00404917	0.206729	-4.83725	0.0697618	0.436811	-2.28932	0.0812152	0.454078	-2.20226	5.2005	13.7383	2.34821	1
cg23937582	CASZ1;CASZ1	0.0163476	0.0253425	0.410825	-2.43413	0.33114	0.714946	-1.39871	0.0967835	0.543332	-1.8405	0.842658	1.06877	1.06877	0.000568623	0.167568	-5.96772	0.455037	0.775203	-1.28998	0.00889222	0.328228	-3.04667	0.469646	0.781793	-1.27911	0.189914	0.628386	-1.59138	5.03483	8.92965	1.57651	1
cg16346321	CASZ1;CASZ1	0.0165599	0.0882987	1.81175	1.81175	0.206727	1.52319	1.52319	0.0270653	0.437349	-2.2865	0.191527	1.54798	1.54798	0.00284246	0.273012	-3.66284	0.309593	1.39413	1.39413	0.387659	0.755933	-1.32287	0.0497866	2.02815	2.02815	0.563488	1.20268	1.20268	5.01322	7.92853	1.4058	1
cg01934856	CASZ1;CASZ1	0.0167885	0.45272	0.831265	-1.20299	0.514517	0.852412	-1.17314	0.00804598	0.440344	-2.27095	0.725842	1.08877	1.08877	0.00308374	0.37586	-2.66057	0.0958277	0.642805	-1.55568	0.00263659	0.365864	-2.73325	0.762298	1.07604	1.07604	0.4619	0.834487	-1.19834	4.99032	4.61286	0.821653	1
cg15490335	CASZ1;CASZ1	0.0190671	0.0272726	0.674211	-1.48322	0.0424788	0.702892	-1.42269	0.248042	0.833411	-1.19989	0.0794476	0.745439	-1.34149	0.00487228	0.569377	-1.75631	0.132868	0.782946	-1.27723	0.0674747	1.36228	1.36228	0.688446	0.940989	-1.06271	0.0920296	1.32296	1.32296	4.78136	1.7244	0.320578	1
cg17244801	CASZ1;CASZ1	0.0203815	0.00226341	1.75136	1.75136	0.0183166	1.4558	1.4558	0.0487882	1.34337	1.34337	0.690277	0.948816	-1.05395	0.429883	1.11149	1.11149	0.208415	0.840328	-1.19001	0.717393	0.953439	-1.04883	0.754265	0.959647	-1.04205	0.100006	0.789451	-1.2667	4.67443	1.27387	0.242238	1
cg17158913	CASZ1;CASZ1	0.0224399	0.593107	0.787921	-1.26916	0.281637	0.609883	-1.63966	0.258464	0.593884	-1.68383	0.0939307	2.2568	2.2568	0.803443	0.895646	-1.11651	0.157567	1.95006	1.95006	0.287098	1.62985	1.62985	0.00166671	7.29638	7.29638	0.0163942	3.6561	3.6561	4.52308	13.9906	2.74948	1
cg00003513	CASZ1;CASZ1	0.0225387	0.149887	0.815581	-1.22612	0.391735	0.890586	-1.12286	0.0106955	0.654639	-1.52756	0.636256	0.939027	-1.06493	0.207272	0.83894	-1.19198	0.144615	1.22988	1.22988	0.00608139	1.6048	1.6048	0.529946	1.08765	1.08765	0.100602	1.26808	1.26808	4.51625	1.2473	0.245493	1
cg16926809	CASZ1;CASZ1	0.0227765	0.0896617	0.539694	-1.8529	0.00809421	0.326995	-3.05815	0.132257	0.585389	-1.70827	0.475376	0.787213	-1.2703	0.00310627	0.263563	-3.79416	0.0959719	1.82696	1.82696	0.722343	1.1248	1.1248	0.559974	1.21445	1.21445	0.817924	1.07898	1.07898	4.49997	7.74392	1.52967	1
cg19706390	CASZ1;CASZ1	0.0228024	0.595384	0.850437	-1.17587	0.00190759	0.264722	-3.77755	0.0368122	0.480431	-2.08147	0.626526	1.15978	1.15978	0.32991	0.737931	-1.35514	0.0188695	0.423295	-2.36242	0.0112809	0.383162	-2.60986	0.126873	0.607093	-1.6472	0.99744	1.00097	1.00097	4.49821	6.50883	1.28621	1
cg23723903	CASZ1;CASZ1	0.0236542	0.420682	1.15436	1.15436	0.00432347	0.513974	-1.94562	0.0456896	0.670474	-1.49148	0.146854	1.31217	1.31217	0.426428	1.15224	1.15224	0.834594	0.964172	-1.03716	0.671484	1.07728	1.07728	0.127206	0.749899	-1.33351	0.0227075	1.60945	1.60945	4.44165	2.14188	0.428645	1
cg09579869	CASZ1;CASZ1	0.0247491	0.00313697	0.267753	-3.73478	0.102394	0.558099	-1.7918	0.052048	0.486191	-2.0568	0.0215864	0.406447	-2.46035	0.00710195	0.32148	-3.11062	0.215082	0.653248	-1.53081	0.61474	1.18009	1.18009	0.056885	0.495027	-2.02009	0.260099	0.681612	-1.46711	4.37254	7.37298	1.49885	1
cg07917614	CASZ1;CASZ1	0.0253513	0.950821	0.99037	-1.00972	0.122569	0.769127	-1.30017	0.309672	0.847951	-1.17931	0.631243	0.926937	-1.07882	0.789244	0.958841	-1.04293	0.0716266	1.37106	1.37106	0.000958588	2.16356	2.16356	0.611612	0.922806	-1.08365	0.473893	0.892019	-1.12105	4.33612	1.69028	0.3465	1
cg01421021	CASZ1;CASZ1	0.0274369	0.138841	0.719473	-1.38991	0.0734922	1.51039	1.51039	0.0204038	0.561287	-1.78162	0.370464	0.826918	-1.20931	0.0206691	0.562234	-1.77862	0.26611	0.787057	-1.27056	0.447165	1.17363	1.17363	0.0213933	1.77065	1.77065	0.680144	1.08944	1.08944	4.21783	2.85261	0.601175	1
cg19590227	CASZ1;CASZ1	0.027884	0.024558	0.40542	-2.46658	0.268137	1.47529	1.47529	0.746146	0.89628	-1.11572	0.94266	0.976041	-1.02455	0.0776044	0.516199	-1.93724	0.427698	1.31389	1.31389	0.132541	0.578579	-1.72837	0.00367231	3.75878	3.75878	0.401995	1.3353	1.3353	4.19391	7.54886	1.59996	1
cg18878351	CASZ1;CASZ1	0.0289985	0.628842	1.15176	1.15176	0.210386	1.46648	1.46648	0.392654	0.775671	-1.28921	0.182855	1.50687	1.50687	0.00201514	0.282568	-3.53898	0.0621209	1.83903	1.83903	0.404981	0.781011	-1.28039	0.226571	1.44529	1.44529	0.303267	1.36249	1.36249	4.13631	5.51256	1.18464	1
cg02342906	CASZ1;CASZ1	0.0299023	0.0269812	0.406101	-2.46244	0.0986486	1.86468	1.86468	0.136365	0.575698	-1.73702	0.351074	0.718765	-1.39128	0.152645	0.590326	-1.69398	0.297692	0.689733	-1.44984	0.00366129	0.258691	-3.86562	0.702892	0.876467	-1.14094	0.0195834	0.378889	-2.63929	4.09157	7.67153	1.66663	1
cg25463742	CASZ1;CASZ1	0.0307216	0.124297	0.435079	-2.29843	0.0276687	0.272033	-3.67603	0.0323751	0.285708	-3.50008	0.848778	1.10016	1.10016	0.0789575	0.377015	-2.65242	0.668593	1.24029	1.24029	0.013661	0.217564	-4.59636	0.0769218	2.67416	2.67416	0.260332	1.79878	1.79878	4.05244	16.0494	3.52038	1
cg20288000	CASZ1;CASZ1	0.031494	0.0464534	0.278206	-3.59446	0.00844225	0.151579	-6.59724	0.09507	0.357397	-2.79801	0.264525	0.52082	-1.92005	0.00832038	0.150765	-6.63284	0.11106	0.377648	-2.64797	0.0488315	0.283086	-3.53249	0.0108725	0.166336	-6.01191	0.0436848	0.272315	-3.67222	4.0167	20.0179	4.42992	1
cg12760995	CASZ1;CASZ1	0.0328382	0.0584765	0.34365	-2.90994	0.329096	0.604559	-1.6541	0.0703867	0.36404	-2.74695	0.110331	0.419184	-2.38559	0.00143437	0.0999448	-10.0055	0.14048	0.452819	-2.20839	0.643155	1.26252	1.26252	0.0240066	0.260488	-3.83895	0.379198	0.637149	-1.56949	3.95703	15.6452	3.51446	1
cg01049849	CASZ1;CASZ1	0.0333305	0.0208842	0.477646	-2.0936	0.772311	0.925787	-1.08016	0.0106705	0.426081	-2.34697	0.169097	0.677474	-1.47607	0.00531388	0.376718	-2.65451	0.437024	0.809993	-1.23458	0.0183832	0.467513	-2.13898	0.917849	1.0278	1.0278	0.907884	0.969704	-1.03124	3.93593	4.40346	0.994477	1
cg09354487	CASZ1;CASZ1	0.0333402	0.028774	0.46842	-2.13483	0.00806063	0.368593	-2.71302	0.0317086	0.476846	-2.09711	0.406918	0.779197	-1.28337	0.958535	1.01541	1.01541	0.0170534	0.425155	-2.35208	0.0448669	0.508105	-1.9681	0.278559	1.39282	1.39282	0.233389	0.692509	-1.44402	3.93552	5.39047	1.21751	1
cg25618916	CASZ1;CASZ1	0.0347038	0.0347773	0.479269	-2.08651	0.373695	1.31383	1.31383	0.0403846	0.492774	-2.02933	0.201531	0.668221	-1.49651	0.00268333	0.289307	-3.45654	0.648066	0.871654	-1.14724	0.0586291	0.528083	-1.89364	0.0486749	0.510153	-1.96019	0.262011	0.704977	-1.41849	3.87904	5.48868	1.25774	1
cg16436377	CASZ1;CASZ1	0.0349422	0.0857608	1.21524	1.21524	0.188153	1.15391	1.15391	0.644123	1.04891	1.04891	0.311028	1.1136	1.1136	0.890762	0.985993	-1.01421	0.101787	1.20186	1.20186	0.000937042	1.66	1.66	0.585844	0.945085	-1.05811	0.0806182	1.22008	1.22008	3.86944	0.645819	0.148357	1
cg11066780	CASZ1;CASZ1	0.0372733	0.700231	0.891266	-1.122	0.121838	0.607138	-1.64707	0.645546	1.14776	1.14776	0.180138	0.654729	-1.52735	0.00089061	0.227428	-4.397	0.163895	0.642735	-1.55585	0.741905	0.906344	-1.10333	0.398871	1.29304	1.29304	0.875483	1.04777	1.04777	3.77971	5.30004	1.24643	1
cg04896832	CASZ1;CASZ1	0.037568	0.0624768	0.190091	-5.26063	0.0108024	0.0792284	-12.6217	0.00974753	0.075134	-13.3095	0.0990928	0.23889	-4.18602	0.0218882	0.113273	-8.8282	0.0783731	0.212598	-4.70372	0.349205	0.466216	-2.14493	0.0142217	0.0911875	-10.9664	0.301967	0.428787	-2.33216	3.76885	37.428	8.82744	1
cg04305764	CASZ1;CASZ1	0.0393685	0.0320696	0.572049	-1.7481	0.215937	1.33596	1.33596	0.656633	1.10464	1.10464	0.727529	1.0809	1.0809	0.0119794	0.497957	-2.0082	0.520383	0.865096	-1.15594	0.201228	0.740664	-1.35014	0.0183888	1.88935	1.88935	0.972352	1.00774	1.00774	3.70477	2.90267	0.69644	1
cg05767489	CASZ1;CASZ1	0.0410645	0.351043	1.15787	1.15787	0.093322	0.754345	-1.32565	0.4752	0.895033	-1.11728	0.985751	0.997276	-1.00273	0.0321902	0.681711	-1.4669	0.62668	0.927873	-1.07773	0.00423591	1.79444	1.79444	0.724036	1.05563	1.05563	0.208694	0.816769	-1.22434	3.64762	1.3474	0.328348	1
cg15031409	CASZ1;CASZ1	0.041245	0.0871993	0.681261	-1.46787	0.0022253	0.418643	-2.38867	0.261909	0.788396	-1.2684	0.603986	0.899115	-1.1122	0.0473493	0.630582	-1.58584	0.218738	0.768824	-1.30069	0.0534701	0.64033	-1.56169	0.030835	0.597304	-1.67419	0.776398	1.05958	1.05958	3.64171	2.38226	0.581475	1
cg04830124	CASZ1;CASZ1	0.0439518	0.00431036	0.477981	-2.09213	0.244539	1.2655	1.2655	0.0162036	0.566184	-1.76621	0.43233	0.856419	-1.16765	0.057819	0.660438	-1.51415	0.331263	0.823746	-1.21397	0.855507	0.965357	-1.03589	0.485541	1.14691	1.14691	0.963845	1.00881	1.00881	3.55672	2.1074	0.526678	1
cg17177074	CASZ1;CASZ1	0.0448819	0.02944	0.287047	-3.48375	0.0160981	0.238518	-4.19255	0.0914663	0.404745	-2.47069	0.21662	0.53113	-1.88278	0.0211196	0.259361	-3.85563	0.0937418	0.407801	-2.45218	0.040087	0.315203	-3.17256	0.0131482	0.223933	-4.46561	0.0627708	0.360966	-2.77034	3.52899	13.2381	3.33443	1
cg23670372	CASZ1;CASZ1	0.0455958	0.12679	1.50329	1.50329	0.303152	0.768538	-1.30117	0.342059	1.27333	1.27333	0.0109363	0.454595	-2.19976	0.0291587	0.530203	-1.88607	0.575074	0.869528	-1.15005	0.0858711	1.59763	1.59763	0.271155	1.32681	1.32681	0.94926	0.984414	-1.01583	3.50819	3.38517	0.857718	1
cg15597109	CASZ1;CASZ1	0.0469273	0.0342854	1.70753	1.70753	0.10519	1.46751	1.46751	0.146579	0.713484	-1.40157	0.385064	0.82453	-1.21281	0.0314397	0.578831	-1.72762	0.674626	0.912582	-1.09579	0.825915	1.04888	1.04888	0.0219689	1.81376	1.81376	0.906914	1.02567	1.02567	3.47044	2.58004	0.660831	1
cg22508928	CASZ1;CASZ1	0.0491497	0.452501	0.607081	-1.64723	0.0043045	0.0829628	-12.0536	0.104371	0.31421	-3.18259	0.614162	1.39305	1.39305	0.0462957	0.225673	-4.43119	0.946513	0.957193	-1.04472	0.021446	0.164974	-6.06155	0.23899	0.447459	-2.23484	0.0639705	0.257262	-3.88709	3.41027	22.9679	5.98659	1
cg17098995	CAT	0.034181	0.0665494	1.45538	1.45538	0.0822505	0.703878	-1.4207	0.051114	0.666852	-1.49958	0.87096	1.0301	1.0301	0.0156051	1.7174	1.7174	0.733034	0.93946	-1.06444	0.477545	1.14079	1.14079	0.239578	1.25186	1.25186	0.0373782	0.64362	-1.55371	3.90036	2.05524	0.468387	1
cg04672785	CATSPER1	0.00015289	0.6515	1.15331	1.15331	0.0206643	0.417213	-2.39686	0.00200058	0.254528	-3.92884	0.000127995	0.123737	-8.08169	0.00231196	0.263086	-3.80104	0.0680492	0.526758	-1.89841	4.44E-06	0.0363541	-27.5072	0.508336	0.810189	-1.23428	0.0245842	0.431767	-2.31606	19.755	30.787	1.38528	1
cg05517964	CATSPER1	0.000206352	0.00015665	0.265075	-3.77251	0.0203282	1.77536	1.77536	0.171771	0.741902	-1.34789	0.0190674	1.79018	1.79018	0.000341342	0.306111	-3.26679	0.00394096	0.45116	-2.21651	0.000302602	0.299595	-3.33783	0.00104019	0.369191	-2.70863	0.0150394	0.541562	-1.84651	18.216	12.1499	0.59288	1
cg20495962	CATSPER1	0.00154453	7.21E-05	0.287215	-3.48171	0.888684	0.976119	-1.02446	0.0311994	0.646389	-1.54706	0.32995	0.84071	-1.18947	0.0502295	0.68028	-1.46998	0.00168184	0.46072	-2.17052	0.278635	0.823315	-1.2146	0.0140791	0.592696	-1.68721	0.00111417	0.436564	-2.29062	10.3916	4.90219	0.419328	1
cg13735757	CATSPER1	0.00233863	0.00702555	0.358621	-2.78846	0.112693	0.601654	-1.66209	0.000118751	0.137889	-7.25223	0.994548	0.997991	-1.00201	0.813852	0.932949	-1.07187	0.00165895	0.265999	-3.75941	?	?	?	0.390623	0.77195	-1.29542	0.885893	1.04316	1.04316	9.41958	11.4815	1.21889	1
cg03570766	CATSPER1	0.00442707	0.064491	0.684836	-1.4602	0.00621311	0.521907	-1.91605	0.460669	0.872051	-1.14672	0.548741	0.895297	-1.11695	0.00207821	0.453828	-2.20348	0.00496478	0.507645	-1.96988	0.00806432	1.85626	1.85626	0.215569	0.788529	-1.26818	0.0193541	0.597201	-1.67448	7.61536	4.0073	0.467744	1
cg19646729	CATSPER1	0.00675185	0.308846	0.866095	-1.15461	0.000876701	0.506092	-1.97592	0.00665704	0.618399	-1.61708	0.0614762	0.750095	-1.33316	0.0408634	0.724567	-1.38014	0.000936679	0.509701	-1.96193	0.0226724	0.68908	-1.45121	0.181266	0.823885	-1.21376	0.309871	0.866377	-1.15423	6.6899	1.97402	0.262289	1
cg14456103	CATSPER1	0.00678857	0.00123256	0.504825	-1.98089	0.902056	1.01797	1.01797	0.269261	1.1811	1.1811	0.124221	0.785977	-1.2723	0.0458768	0.718145	-1.39248	0.00203523	0.532987	-1.87622	0.0818841	1.3217	1.3217	0.514325	1.1004	1.1004	0.142433	0.796035	-1.25623	6.67862	2.21387	0.294655	1
cg27258593	CATSPER1	0.0299188	0.674518	1.0845	1.0845	0.690065	1.08002	1.08002	0.00487031	0.488289	-2.04797	0.0629146	1.49456	1.49456	0.278741	1.24147	1.24147	0.046148	1.55086	1.55086	0.177189	0.759224	-1.31713	0.626832	1.09867	1.09867	0.0825653	0.691241	-1.44667	4.09077	2.38965	0.519251	1
cg10966187	CATSPER1	0.0325833	0.0819747	0.662516	-1.5094	0.3408	1.23332	1.23332	0.204015	0.750983	-1.33159	0.836464	0.956806	-1.04514	0.00850124	0.487966	-2.04932	0.234666	0.766351	-1.30489	0.15309	1.38659	1.38659	0.00556395	0.459316	-2.17715	0.960214	0.9894	-1.01071	3.96811	2.86808	0.642471	1
cg22073798	CATSPER1	0.0405513	0.328376	1.49414	1.49414	0.0318254	2.72216	2.72216	0.726958	1.14974	1.14974	0.0700489	0.446556	-2.23936	0.0231668	0.339411	-2.94628	0.130929	0.522476	-1.91396	0.0342103	2.67381	2.67381	0.667496	1.1877	1.1877	0.97351	1.0133	1.0133	3.6646	9.19519	2.23039	1
cg22170222	CATSPER2;CATSPER2;CATSPER2	0.0191846	0.0709681	0.683334	-1.46341	0.887076	0.973537	-1.02718	0.304104	0.817998	-1.2225	0.156946	1.33074	1.33074	0.0133758	0.56086	-1.78298	0.306536	0.818881	-1.22118	0.987066	1.00306	1.00306	0.070784	0.683125	-1.46386	0.00111074	0.403771	-2.47665	4.77143	2.69234	0.501567	1
cg22846334	CATSPER2;CATSPER2;CATSPER2	0.0209167	0.274931	0.857145	-1.16666	0.323742	1.14833	1.14833	0.159313	0.815375	-1.22643	0.10318	1.27367	1.27367	0.0524732	0.741381	-1.34883	0.701073	0.949003	-1.05374	0.00143085	1.86973	1.86973	0.758395	1.04276	1.04276	0.186977	1.20902	1.20902	4.63331	1.35138	0.259258	1
cg23685580	CATSPER2;CATSPER2;CATSPER2;CATSPER2;CATSPER2;CATSPER2	0.0100921	0.0773824	0.780727	-1.28086	0.111826	0.80387	-1.24398	0.977541	0.996457	-1.00356	0.180046	1.19662	1.19662	0.897218	0.983838	-1.01643	0.202599	1.18483	1.18483	0.000288023	2.1085	2.1085	0.627449	0.940202	-1.0636	0.797514	1.03295	1.03295	5.89331	1.48367	0.223782	1
cg22360277	CATSPER2P1;PDIA3	0.00890829	0.00103558	0.298711	-3.34771	0.00812655	0.43059	-2.32239	0.0675262	1.66419	1.66419	0.0616588	0.592498	-1.68777	0.196746	1.40408	1.40408	0.407743	1.23439	1.23439	0.666178	1.11397	1.11397	0.303398	1.30353	1.30353	0.783715	1.07081	1.07081	6.13227	6.00554	0.87052	1
cg12737574	CATSPER2P1;PDIA3	0.0422537	0.32273	0.899443	-1.1118	0.135542	1.18165	1.18165	0.0017943	1.58551	1.58551	0.342844	1.10671	1.10671	0.105705	0.832465	-1.20125	0.984196	0.997947	-1.00206	0.499557	0.931358	-1.0737	0.738662	0.965857	-1.03535	0.694321	1.04183	1.04183	3.60925	0.615358	0.151551	1
cg07335603	CATSPER3	0.000126154	0.0163287	1.48557	1.48557	0.955569	0.992517	-1.00754	0.00120519	0.527687	-1.89506	0.0139855	0.664214	-1.50554	2.39E-06	0.213145	-4.69163	0.353403	0.87922	-1.13737	0.344749	1.14019	1.14019	0.988228	1.00199	1.00199	0.710728	0.95102	-1.0515	20.8038	5.98777	0.255841	1
cg10811232	CATSPER3	0.0466559	0.0363896	0.704199	-1.42005	0.656076	0.937422	-1.06676	0.698312	0.945393	-1.05776	0.051723	0.726729	-1.37603	0.00278827	0.551958	-1.81173	0.996521	1.00063	1.00063	0.514391	1.10002	1.10002	0.661839	0.938519	-1.06551	0.0458815	0.718974	-1.39087	3.47802	1.14496	0.292622	1
cg02171825	CATSPER4	5.14E-06	0.562098	0.955379	-1.04671	4.03E-06	0.434474	-2.30163	1.23E-06	0.377744	-2.64729	0.293476	0.918636	-1.08857	1.46E-05	0.495859	-2.0167	0.180479	1.11712	1.11712	2.78E-06	0.416778	-2.39936	0.00172296	0.705894	-1.41664	0.00320207	0.730985	-1.36802	48.1851	4.62825	0.0853792	1
cg04573872	CATSPER4	0.00305762	0.091421	0.456339	-2.19135	0.921451	0.959228	-1.04251	0.00498339	0.208313	-4.80047	0.00909804	0.246918	-4.04993	0.0017601	0.152456	-6.55927	0.200317	0.564992	-1.76994	0.000178996	0.0686834	-14.5596	0.0202828	0.306941	-3.25796	0.0647775	0.416696	-2.39983	8.50992	24.0075	2.50766	1
cg01768342	CATSPER4	0.00380931	0.00195163	3.50314	3.50314	0.00181748	3.55656	3.55656	0.0981957	1.68063	1.68063	0.0623982	1.82276	1.82276	0.293094	1.31849	1.31849	0.581001	0.852849	-1.17254	0.446776	0.899449	-1.11179	0.000960281	4.2961	4.2961	0.446676	1.24858	1.24858	7.96881	10.3389	1.15328	1
cg11852794	CATSPERB	0.000891252	0.000936686	0.13212	-7.56888	0.000309023	0.190166	-5.25856	0.00264618	0.177973	-5.61884	0.306141	0.647684	-1.54396	0.00132484	0.147441	-6.78239	0.0144821	0.290822	-3.43853	0.000165185	0.0719352	-13.9014	0.00670992	0.23662	-4.22619	0.0010924	0.138768	-7.20627	12.1562	32.3551	2.36588	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)
cg17323393	CATSPERB	0.00285039	0.0633828	0.723533	-1.38211	0.0661865	0.726561	-1.37635	0.00137547	0.487029	-2.05326	0.102357	0.757982	-1.31929
cg23251746	CATSPERB	0.0125545	0.715967	1.0941	1.0941	0.0795043	0.619395	-1.61448	0.0179845	2.02882	2.02882	0.00326515	2.6829	2.6829
cg17200737	CATSPERB	0.0174149	0.0700918	0.547	-1.82815	0.407935	0.777106	-1.28683	0.294386	0.72325	-1.38265	0.259007	0.704097	-1.42026
cg22834409	CATSPERB	0.035103	0.148649	0.726265	-1.37691	0.0275538	0.583889	-1.71265	0.146868	0.725095	-1.37913	0.885989	1.03006	1.03006
cg19000611	CATSPERB;CATSPERB	0.00445234	0.846205	0.9504	-1.05219	0.00113464	0.285242	-3.50579	0.00597468	0.390049	-2.56378	0.870109	1.04381	1.04381
cg11993171	CATSPERG	5.70E-06	1.28E-07	0.157646	-6.34334	0.0642786	1.25781	1.25781	0.819667	1.02551	1.02551	0.00715155	1.46698	1.46698
cg23924603	CATSPERG	0.00294118	0.0226365	0.58679	-1.70419	0.0680414	1.49056	1.49056	0.037436	1.60267	1.60267	0.0690845	0.672133	-1.4878
cg12536921	CATSPERG	0.00678748	0.702573	0.958812	-1.04296	0.997127	1.00039	1.00039	0.0672866	1.25207	1.25207	0.0336683	1.31256	1.31256
cg09094448	CATSPERG	0.00857873	?	?	?	0.00382263	0.302188	-3.3092	0.034862	2.12686	2.12686	0.0316497	0.461567	-2.16653
cg17891263	CATSPERG	0.0264338	0.126576	0.714594	-1.3994	0.437866	0.851367	-1.17458	0.244463	0.780682	-1.28093	0.486164	1.15475	1.15475
cg09999441	CATSPERG;CATSPERG	0.0120182	0.683571	1.05969	1.05969	0.809036	1.03484	1.03484	0.222616	0.83418	-1.19878	0.223363	0.834448	-1.1984
cg23973417	CAV1	0.000390298	5.36E-05	0.295384	-3.38543	0.0104921	0.593831	-1.68398	0.0565674	1.41801	1.41801	0.00856777	0.581214	-1.72054
cg00308439	CAV1	0.000744099	0.407655	0.91972	-1.08729	0.000499287	0.583878	-1.71269	0.00356949	0.677037	-1.47702	0.0378224	1.26866	1.26866
cg07838272	CAV1	0.00867742	0.337461	1.21067	1.21067	0.0324874	0.616366	-1.62241	0.283154	1.24059	1.24059	0.122652	0.723693	-1.3818
cg04677163	CAV1	0.00873117	0.429882	0.840354	-1.18998	0.99074	1.00251	1.00251	0.173968	1.36644	1.36644	0.35322	0.813679	-1.22899
cg18721249	CAV1	0.0153461	0.00964275	7.41461	7.41461	0.148588	2.57936	2.57936	0.0302068	4.75203	4.75203	0.873865	1.10204	1.10204
cg01971483	CAV1	0.0161263	0.00325971	11.9736	11.9736	0.714602	1.25523	1.25523	0.1799	2.41458	2.41458	0.540358	1.46763	1.46763
cg08526637	CAV1	0.0178341	0.0374897	2.06295	2.06295	0.59024	1.17713	1.17713	0.149262	1.59027	1.59027	0.774969	0.91761	-1.08979
cg06225476	CAV1	0.0228573	0.049051	0.359089	-2.78483	0.0178041	0.26896	-3.71803	0.00559029	0.190411	-5.25179	0.997045	0.998314	-1.00169
cg11691589	CAV1	0.0260888	0.74716	1.065	1.065	0.364308	1.19901	1.19901	0.00144915	2.44963	2.44963	0.271643	0.800279	-1.24956
cg24987440	CAV1	0.0272165	0.527692	1.15965	1.15965	0.0320034	0.558999	-1.78891	0.00491289	0.422032	-2.36949	0.927735	0.97922	-1.02122
cg26839117	CAV1	0.0282736	0.529653	0.635152	-1.57443	0.422221	0.557445	-1.7939	0.798273	1.20029	1.20029	0.509383	1.6114	1.6114
cg18329349	CAV1;CAV1	0.00398505	0.00976526	0.730241	-1.36941	0.671017	1.04196	1.04196	0.333245	1.10079	1.10079	0.0586701	1.22811	1.22811
cg20811266	CAV1;CAV1	0.0132111	0.577583	0.911982	-1.09651	0.0075978	1.75455	1.75455	0.448877	1.13472	1.13472	0.138782	0.770312	-1.29818
cg07925282	CAV1;CAV1	0.0225713	0.692643	1.06512	1.06512	0.188822	1.24742	1.24742	0.61676	0.923002	-1.08342	0.805714	0.961622	-1.03991
cg12739419	CAV2;CAV2	2.45E-05	0.000108567	0.182821	-5.46982	1.32E-05	0.102656	-9.74127	8.05E-05	0.169805	-5.88911	0.00626775	0.411757	-2.42862
cg04696780	CAV2;CAV2	0.000613911	0.222635	1.23174	1.23174	0.00013064	2.9452	2.9452	0.0049541	0.545997	-1.83151	0.571151	1.09755	1.09755
cg00917413	CAV2;CAV2	0.000679484	0.717987	1.07641	1.07641	0.868088	1.03433	1.03433	0.000610148	0.342289	-2.92151	0.983258	1.00427	1.00427
cg16553024	CAV2;CAV2	0.00112923	0.0502197	0.659412	-1.5165	0.619016	0.910733	-1.09802	0.0145771	0.57053	-1.75276	0.679201	0.925361	-1.08066
cg16847315	CAV2;CAV2	0.00858775	0.171633	1.34599	1.34599	0.0015388	2.53543	2.53543	0.0378039	0.611521	-1.63527	0.674491	1.09007	1.09007
cg14426015	CAV2;CAV2	0.0148881	0.722283	1.08086	1.08086	0.036648	1.69727	1.69727	0.0504218	0.615183	-1.62553	0.689054	0.916094	-1.09159
cg19453818	CAV2;CAV2	0.0276793	0.250663	1.65297	1.65297	0.00290121	5.55128	5.55128	0.551014	0.776801	-1.28733	0.186159	1.79832	1.79832
cg17979458	CAV2;CAV2	0.0366102	0.0958214	0.577859	-1.73053	0.0277218	0.458339	-2.18179	0.490855	0.810743	-1.23344	0.746033	0.907167	-1.10233
cg07963033	CAV2;CAV2	0.0383104	0.915475	1.02706	1.02706	0.0413068	1.80742	1.80742	0.292111	0.759663	-1.31637	0.320234	0.772371	-1.29471
cg11825652	CAV2;CAV2	0.041675	0.0944549	2.02559	2.02559	0.0110608	3.3992	3.3992	0.354633	0.693748	-1.44145	0.349396	1.44756	1.44756
cg02799643	CAV2;CAV2	0.0488526	0.725238	0.88733	-1.12698	0.00866257	3.10678	3.10678	0.405341	1.3343	1.3343	0.537349	1.23563	1.23563
cg01962918	CAV2;CAV2;CAV2;CAV2	0.0121952	0.0296046	0.73021	-1.36947	0.00630394	0.646115	-1.54771	0.00824227	0.660437	-1.51415	0.137422	1.21703	1.21703
cg10778337	CAV3;CAV3	0.00748299	0.00523771	0.56668	-1.76466	0.240418	1.2087	1.2087	0.00466615	0.559823	-1.78628	0.462657	0.891102	-1.12221
cg04826279	CBARA1	0.0172129	0.222952	1.25616	1.25616	0.491599	0.883023	-1.13247	0.0159152	1.69179	1.69179	0.502973	1.12869	1.12869
cg26504886	CBARA1	0.0309424	0.335278	1.36897	1.36897	0.0281859	0.440791	-2.26865	0.0150731	0.389014	-2.5706	0.76823	1.0979	1.0979
cg11655691	CBARA1;CBARA1	0.0122739	0.00613935	0.343967	-2.90725	0.211131	1.48177	1.48177	0.307521	1.37065	1.37065	0.680394	1.1316	1.1316
cg07835814	CBFA2T2	0.000208281	0.00714449	0.777519	-1.28614	0.00543104	1.30344	1.30344	1.67E-05	1.89778	1.89778	0.0119162	1.25524	1.25524
cg14893128	CBFA2T2	0.00810185	0.00708586	0.417146	-2.39724	0.347716	0.791279	-1.26378	0.00968669	0.440652	-2.26936	0.423057	1.21882	1.21882
cg05021312	CBFA2T2	0.0223877	0.210415	0.61307	-1.63114	0.0549489	2.24091	2.24091	0.619667	1.20381	1.20381	0.368981	1.40786	1.40786
cg25191716	CBFA2T2	0.0233729	0.144618	0.720185	-1.38853	0.40695	1.19448	1.19448	0.0876706	1.48426	1.48426	0.111654	0.695619	-1.43757
cg06223279	CBFA2T2	0.0416252	0.489215	1.10445	1.10445	0.0145537	0.653391	-1.53048	0.131473	0.794329	-1.25892	0.760046	0.957606	-1.04427
cg07613588	CBFA2T2;CBFA2T2;CBFA2T2	0.0202808	0.0257268	1.5654	1.5654	0.0878586	0.727094	-1.37534	0.0469669	0.680655	-1.46917	0.0790807	0.719029	-1.39076
cg06349632	CBFA2T2;CBFA2T2;CBFA2T2	0.0346828	0.487819	1.26924	1.26924	0.040604	0.449449	-2.22495	0.338754	0.716384	-1.3959	0.242101	1.51304	1.51304
cg10179227	CBFA2T3	1.04E-05	1.62E-05	0.230056	-4.34677	0.000320593	0.381694	-2.6199	0.000240658	0.36603	-2.73202	0.115327	1.32733	1.32733
cg07833472	CBFA2T3	4.04E-05	0.000308099	0.433693	-2.30578	0.0117186	0.638192	-1.56693	0.0019304	0.534799	-1.86986	0.844809	0.972437	-1.02834
cg03227104	CBFA2T3	8.30E-05	0.0015518	0.288572	-3.46534	0.00362923	0.341305	-2.92993	0.00128527	0.277564	-3.60277	0.384261	0.783757	-1.27591
cg06436854	CBFA2T3	0.000336085	0.00123708	0.162378	-6.15847	0.0023371	0.197399	-5.06589	4.83E-05	0.0459817	-21.7478	0.00192245	0.186176	-5.37127
cg04699663	CBFA2T3	0.000390415	3.00E-05	0.301764	-3.31385	0.00404908	0.567638	-1.76169	0.193271	0.817111	-1.22382	0.0914166	0.761306	-1.31353
cg02760426	CBFA2T3	0.000705199	0.622932	0.901573	-1.10917	0.467586	1.16711	1.16711	0.000847104	0.350354	-2.85425	0.0909999	1.47585	1.47585
cg08843248	CBFA2T3	0.00087045	0.0114758	0.518257	-1.92954	0.44584	0.85086	-1.17528	0.00242062	0.415711	-2.40552	0.127791	0.710212	-1.40803
cg00446472	CBFA2T3	0.000970605	0.00862098	0.319444	-3.13044	0.00104555	0.191487	-5.22229	0.00102748	0.190605	-5.24645	0.0719024	0.504333	-1.98282
cg07057235	CBFA2T3	0.00130539	0.228218	0.688526	-1.45238	0.103059	1.69253	1.69253	0.390101	0.77115	-1.29676	0.871866	0.953485	-1.04878
cg05444556	CBFA2T3	0.00148335	0.437646	1.2064	1.2064	0.496606	0.849091	-1.17773	0.000202714	0.228352	-4.3792	0.0840901	1.57298	1.57298
cg02355868	CBFA2T3	0.00177044	0.440611	0.820687	-1.21849	0.44566	0.822545	-1.21574	0.00118145	0.302587	-3.30483	0.324859	0.774555	-1.29106
cg09437994	CBFA2T3	0.00178325	0.824908	1.04438	1.04438	0.808393	1.04877	1.04877	0.664795	0.918109	-1.0892	0.0170016	0.565318	-1.76892
cg07599366	CBFA2T3	0.00197071	0.00078055	0.197105	-5.07344	0.0208542	0.411166	-2.43211	0.016393	0.391597	-2.55365	0.367801	0.744049	-1.344
cg03186440	CBFA2T3	0.00242904	9.36E-05	0.162898	-6.1388	0.0434939	0.546228	-1.83074	0.00272109	0.340203	-2.93942	0.648799	0.887424	-1.12686
cg06204040	CBFA2T3	0.00404724	0.193098	0.649338	-1.54003	0.346769	1.35493	1.35493	6.95E-05	0.10247	-9.75899	0.152529	0.618521	-1.61676
cg06982885	CBFA2T3	0.00517062	0.278893	0.644974	-1.55045	0.220028	0.605122	-1.65256	0.0792863	0.468208	-2.1358	0.324764	0.672936	-1.48602
cg26642540	CBFA2T3	0.00526222	0.0968229	0.639745	-1.56312	0.032867	0.542453	-1.84348	0.185783	1.41033	1.41033	0.495384	0.843957	-1.18489
cg01014371	CBFA2T3	0.00645108	0.0651057	0.745596	-1.34121	0.235489	1.19273	1.19273	0.011646	0.639572	-1.56355	0.969322	1.00547	1.00547
cg04540712	CBFA2T3	0.00781081	0.477569	0.851335	-1.17463	0.331856	1.25	1.25	0.0316844	0.570417	-1.7531	0.483956	1.17181	1.17181
cg09910674	CBFA2T3	0.00793868	0.0139113	0.202395	-4.94084	0.0290651	0.258575	-3.86734	0.197138	0.488276	-2.04802	0.809559	0.880786	-1.13535
cg07196216	CBFA2T3	0.0083623	0.334503	1.27809	1.27809	0.00577335	2.4391	2.4391	0.21633	1.37813	1.37813	0.688744	0.905507	-1.10435
cg04416981	CBFA2T3	0.00927217	0.0294228	0.436475	-2.29108	0.0412114	0.467102	-2.14086	0.00344801	0.276998	-3.61013	0.0732156	0.524275	-1.9074
cg13745346	CBFA2T3	0.0112089	0.157917	0.64315	-1.55485	0.55899	0.841347	-1.18857	0.171301	0.65324	-1.53083	0.441917	0.795149	-1.25763
cg01404893	CBFA2T3	0.0121209	0.155203	0.585703	-1.70735	0.14148	0.573474	-1.74376	0.000893732	0.173883	-5.75101	0.0165206	0.357027	-2.80091
cg06832898	CBFA2T3	0.013598	0.78625	1.12878	1.12878	0.0344984	0.333253	-3.00072	0.0205485	0.288371	-3.46775	0.213924	0.558114	-1.79175
cg06950683	CBFA2T3	0.0172242	0.0369234	0.319027	-3.13453	0.010729	0.220564	-4.53382	0.0339099	0.311156	-3.21382	0.181082	0.512011	-1.95308
cg07630078	CBFA2T3	0.0185029	0.216674	0.626272	-1.59675	0.722	1.13724	1.13724	0.034282	0.411059	-2.43274	0.643353	1.18276	1.18276
cg16701003	CBFA2T3	0.0193661	0.0252042	0.399004	-2.50624	0.707105	0.877837	-1.13916	0.398121	0.741834	-1.34801	0.888273	0.952637	-1.04972
cg01026300	CBFA2T3	0.0209926	0.917013	1.03067	1.03067	0.398349	0.778313	-1.28483	0.829912	0.939553	-1.06434	0.597134	1.16718	1.16718
cg08047086	CBFA2T3	0.0225592	0.0167917	0.247222	-4.04494	0.905326	0.944615	-1.05863	0.0550999	0.352948	-2.83328	0.0445844	0.331409	-3.01742
cg22023435	CBFA2T3	0.0254151	0.631022	1.15803	1.15803	0.00124017	0.23906	-4.18305	0.441085	0.788064	-1.26893	0.494987	0.810515	-1.23378
cg02431972	CBFA2T3	0.0291774	0.591306	0.675415	-1.48057	0.864154	0.883401	-1.13199	0.676246	0.737824	-1.35534	0.161991	0.339244	-2.94773
cg04887172	CBFA2T3	0.0318244	0.0985495	0.564494	-1.7715	0.151113	1.62517	1.62517	0.02271	0.422798	-2.3652	0.00492637	0.308593	-3.24051
cg06763375	CBFA2T3	0.0374577	0.061466	0.44386	-2.25296	0.0197122	0.337609	-2.96201	0.0282627	0.368409	-2.71437	0.362739	0.697223	-1.43426
cg05057515	CBFA2T3	0.0396884	0.00324767	0.308902	-3.23727	0.4088	0.780943	-1.2805	0.0211192	0.444165	-2.25142	0.607335	0.859246	-1.16381
cg05099708	CBFA2T3	0.0398578	0.0100447	0.218422	-4.57829	0.967412	0.981054	-1.01931	0.0628116	0.375268	-2.66476	0.106476	0.438104	-2.28256
cg03797660	CBFA2T3	0.0458219	0.0264968	0.326053	-3.06699	0.0102312	0.251773	-3.97184	0.0128681	0.268232	-3.72812	0.0487886	0.383377	-2.6084
cg27292079	CBFA2T3	0.0488971	0.475293	0.777253	-1.28658	0.215739	0.6362	-1.57183	0.0389619	0.436233	-2.29235	0.814648	0.921719	-1.08493
cg02926769	CBFA2T3;CBFA2T3	4.17E-07	1.54E-06	0.169778	-5.89004	4.00E-05	0.31794	-3.14525	0.00109749	0.49515	-2.01959	0.00696748	0.600691	-1.66475
cg06821871	CBFA2T3;CBFA2T3	4.01E-06	0.00284345	0.704615	-1.41921	0.609761	0.957077	-1.04485	0.078502	0.846577	-1.18123	0.024825	0.796398	-1.25565
cg05240948	CBFA2T3;CBFA2T3	5.40E-06	0.0108393	1.15413	1.15413	2.10E-05	1.46856	1.46856	0.63153	0.978586	-1.02188	0.00917274	1.15978	1.15978
cg02434866	CBFA2T3;CBFA2T3	1.49E-05	0.301574	1.13446	1.13446	0.141878	0.830155	-1.20459	0.139368	0.829029	-1.20623	0.298182	0.880639	-1.13554
cg03942201	CBFA2T3;CBFA2T3	3.78E-05	0.0762117	0.74682	-1.33901	0.000258634	2.43424	2.43424	0.000117586	0.368686	-2.71233	0.564505	1.09002	1.09002
cg26591221	CBFA2T3;CBFA2T3	9.26E-05	0.721627	1.07688	1.07688	0.00344824	0.439418	-2.27574	0.0102577	0.511766	-1.95402	0.219788	0.765562	-1.30623
cg09030685	CBFA2T3;CBFA2T3	0.000239912	0.827398	1.07902	1.07902	0.00770223	3.29524	3.29524	0.973	0.988282	-1.01186	0.373224	1.37487	1.37487
cg05370094	CBFA2T3;CBFA2T3	0.000628894	0.692938	0.951231	-1.05127	0.0121833	0.674658	-1.48223	2.61E-05	0.350385	-2.85401	0.0227849	0.709414	-1.40961
cg05531174	CBFA2T3;CBFA2T3	0.000652434	0.941389	1.01745	1.01745	0.18012	0.715401	-1.39782	0.0670268	0.616926	-1.62094	0.503963	0.852523	-1.17299
cg02770947	CBFA2T3;CBFA2T3	0.000727465	0.578297	1.14375	1.14375	0.917448	1.02511	1.02511	0.0555249	0.595089	-1.68042	0.879448	0.964348	-1.03697
cg02393091	CBFA2T3;CBFA2T3	0.00100499	0.364578	0.861287	-1.16105	0.235937	1.22026	1.22026	0.009875	0.592995	-1.68636	0.000134793	0.34654	-2.88567
cg04513311	CBFA2T3;CBFA2T3	0.00130139	0.586399	0.912724	-1.09562	0.00454488	1.87453	1.87453	0.00227603	0.491894	-2.03296	0.312257	1.18978	1.18978
cg10284662	CBFA2T3;CBFA2T3	0.00135921	0.107566	1.18582	1.18582	0.000603117	1.6709	1.6709	0.000308545	1.76534	1.76534	0.0764861	1.21075	1.21075
cg08372350	CBFA2T3;CBFA2T3	0.00192483	0.0099035	0.332667	-3.00601	0.0672098	1.99937	1.99937	0.934695	0.972699	-1.02807	0.790991	0.91419	-1.09386
cg26876001	CBFA2T3;CBFA2T3	0.00204246	0.0412371	0.664953	-1.50387	0.00293732	2.02965	2.02965	0.247242	1.23324	1.23324	0.467402	0.879732	-1.13671
cg00493358	CBFA2T3;CBFA2T3	0.00213576	0.0901079	1.9198	1.9198	0.747995	0.893548	-1.11913	0.782772	0.908008	-1.10131	0.908541	0.960668	-1.04094
cg02216032	CBFA2T3;CBFA2T3	0.00217941	0.834978	0.926012	-1.0799	0.00817625	3.48031	3.48031	0.0529254	2.24922	2.24922	0.62675	1.19792	1.19792
cg09333956	CBFA2T3;CBFA2T3	0.00299593	0.171254	0.733487	-1.36335	0.46097	0.852401	-1.17316	0.420324	1.19146	1.19146	0.969803	0.991978	-1.00809
cg27078927	CBFA2T3;CBFA2T3	0.00409859	0.601733	0.893434	-1.11928	0.0345872	0.590204	-1.69433	0.674458	0.913565	-1.09461	0.368575	0.82068	-1.2185
cg24208604	CBFA2T3;CBFA2T3	0.00474256	0.21163	1.4327	1.4327	0.0151921	2.25881	2.25881	0.581794	1.16416	1.16416	0.848779	1.05354	1.05354
cg09928027	CBFA2T3;CBFA2T3	0.00481898	0.985628	0.991754	-1.00831	0.00222506	7.16743	7.16743	0.913471	0.951262	-1.05124	0.978845	0.987885	-1.01226
cg09096824	CBFA2T3;CBFA2T3	0.00539636	0.736124	0.926464	-1.07937	0.497472	1.1683	1.1683	0.0420425	0.589169	-1.69731	0.0316417	1.76646	1.76646
cg00335908	CBFA2T3;CBFA2T3	0.00633963	0.0156006	0.21754	-4.59686	0.974679	1.01646	1.01646	0.764457	1.16718	1.16718	0.133346	0.434749	-2.30018
cg03373771	CBFA2T3;CBFA2T3	0.00643639	0.991002	1.00611	1.00611	0.0597087	3.15023	3.15023	0.235505	1.95697	1.95697	0.456019	0.663659	-1.5068
cg08688816	CBFA2T3;CBFA2T3	0.00701557	0.72433	1.12051	1.12051	0.0722782	1.90514	1.90514	0.808281	0.924858	-1.08125	0.316476	0.716929	-1.39484
cg00957684	CBFA2T3;CBFA2T3	0.00815931	0.673585	0.873829	-1.14439	0.481172	1.25601	1.25601	0.419828	0.769214	-1.30003	0.748288	0.902584	-1.10793
cg22235727	CBFA2T3;CBFA2T3	0.00850638	0.0370909	0.582775	-1.71593	0.176438	0.725736	-1.37791	0.00311981	0.405883	-2.46377	0.0350128	0.578129	-1.72972
cg05844895	CBFA2T3;CBFA2T3	0.00903672	0.00288635	0.272555	-3.66899	0.0790088	1.85658	1.85658	0.317012	0.720243	-1.38842	0.533299	1.22162	1.22162
cg27418099	CBFA2T3;CBFA2T3	0.00953453	0.232234	0.815704	-1.22593	0.000578644	0.420787	-2.3765	0.0639019	0.71275	-1.40302	0.0139591	0.610372	-1.63834
cg00035197	CBFA2T3;CBFA2T3	0.0107277	0.0472469	0.452094	-2.21193	0.00468803	3.72238	3.72238	0.207808	1.59112	1.59112	0.0404699	2.28757	2.28757
cg01123787	CBFA2T3;CBFA2T3	0.0114953	0.953008	0.980206	-1.02019	0.0554693	2.08833	2.08833	0.158608	0.599761	-1.66733	0.590098	0.831525	-1.20261
cg08992761	CBFA2T3;CBFA2T3	0.0117964	0.419874	0.819417	-1.22038	0.00704032	2.32071	2.32071	0.806922	1.06096	1.06096	0.336163	1.27081	1.27081
cg27489939	CBFA2T3;CBFA2T3	0.0121986	0.365573	0.850377	-1.17595	0.0302728	0.641417	-1.55905	0.508037	1.1242	1.1242	0.064114	0.695774	-1.43725
cg08846558	CBFA2T3;CBFA2T3	0.0138052	0.698942	0.871647	-1.14725	0.563517	1.22927	1.22927	0.417979	1.33985	1.33985	0.451919	0.762697	-1.31114
cg02087101	CBFA2T3;CBFA2T3	0.0143805	?	?	?	0.00344227	1.97592	1.97592	0.584826	0.909761	-1.09919	0.687276	0.932982	-1.07183
cg01977582	CBFA2T3;CBFA2T3	0.0166162	0.0762516	0.467197	-2.14043	0.00390445	4.47655	4.47655	0.02443	2.81366	2.81366	0.879747	0.943265	-1.06015
cg06460328	CBFA2T3;CBFA2T3	0.0171533	0.028978	0.318748	-3.13727	0.662561	0.822827	-1.21532	0.348062	0.651115	-1.53583	0.0527952	0.376201	-2.65815
cg05151621	CBFA2T3;CBFA2T3	0.0173784	0.648028	0.9103	-1.09854	0.073634	0.66512	-1.50349	0.444871	1.17264	1.17264	0.59144	0.895124	-1.11716
cg10155891	CBFA2T3;CBFA2T3	0.0178233	0.229777	0.775188	-1.29001	0.0171635	1.79845	1.79845	0.336698	1.22162	1.22162	0.00734359	0.497408	-2.01042
cg00762678	CBFA2T3;CBFA2T3	0.0192942	0.0138068	0.316044	-3.16412	0.119183	0.527265	-1.89658	0.0500925	0.429335	-2.32918	0.0428903	0.413955	-2.41572
cg04072301	CBFA2T3;CBFA2T3	0.0209613	0.751438	0.898017	-1.11356	0.403641	1.33547	1.33547	0.248729	0.664892	-1.504	0.550798	0.815208	-1.22668
cg05267735	CBFA2T3;CBFA2T3	0.0219735	0.176699	0.77638	-1.28803	0.00106337	2.34613	2.34613	0.286373	1.21547	1.21547	0.505847	1.12635	1.12635
cg05489661	CBFA2T3;CBFA2T3	0.0221252	0.0121121	0.440829	-2.26845	0.652865	0.888188	-1.12589	0.191343	0.696082	-1.43661	0.368947	0.785324	-1.27336
cg03970086	CBFA2T3;CBFA2T3	0.0228823	0.300654	0.757162	-1.32072	0.222146	1.39486	1.39486	0.793801	0.934315	-1.0703	0.183146	0.693261	-1.44246
cg03221025	CBFA2T3;CBFA2T3	0.0229132	0.0103826	0.204107	-4.89939	0.227615	0.53603	-1.86557	0.525076	0.728272	-1.37311	0.747917	0.853202	-1.17206
cg07424342	CBFA2T3;CBFA2T3	0.0255763	0.0655854	0.7327	-1.36482	0.975433	1.00465	1.00465	0.217233	1.21579	1.21579	0.964852	1.00665	1.00665
cg05579598	CBFA2T3;CBFA2T3	0.0262239	0.0320823	0.336896	-2.96827	0.0702919	2.40291	2.40291	0.490025	0.737995	-1.35502	0.0108915	0.250311	-3.99504
cg02461502	CBFA2T3;CBFA2T3	0.0265473	0.242022	0.776827	-1.28729	0.000913295	0.35975	-2.7797	0.0433902	0.619339	-1.61462	0.882622	1.03094	1.03094
cg02192204	CBFA2T3;CBFA2T3	0.0268603	0.0335657	4.4975	4.4975	0.0219473	5.28355	5.28355	0.521815	1.48167	1.48167	0.0185214	5.63803	5.63803
cg08698997	CBFA2T3;CBFA2T3	0.0279032	0.154123	0.357947	-2.79371	0.0604125	4.16194	4.16194	0.116896	0.317559	-3.14902	0.0162545	0.138192	-7.23632
cg03034934	CBFA2T3;CBFA2T3	0.032919	0.0713766	0.469817	-2.12849	0.230382	1.60324	1.60324	0.301366	0.669185	-1.49435	0.00383022	0.231683	-4.31624
cg03021297	CBFA2T3;CBFA2T3	0.0343756	0.0124525	0.486312	-2.05629	0.0348586	0.565474	-1.76843	0.614844	1.12481	1.12481	0.486416	1.17815	1.17815
cg02003041	CBFA2T3;CBFA2T3	0.037727	0.0408454	0.582278	-1.71739	0.128766	0.686543	-1.45657	0.43467	0.833092	-1.20035	0.764607	0.933517	-1.07122
cg00492521	CBFA2T3;CBFA2T3	0.0384235	0.844345	1.08815	1.08815	0.0610202	2.47782	2.47782	0.900374	0.947597	-1.0553	0.27757	0.615521	-1.62464
cg26824780	CBFA2T3;CBFA2T3	0.0416371	0.507187	1.31606	1.31606	0.184827	1.7754	1.7754	0.0209834	3.10641	3.10641	0.911646	0.955706	-1.04635
cg04606653	CBFA2T3;CBFA2T3	0.0454162	0.087589	1.54837	1.54837	0.982795	0.995013	-1.00501	0.129839	1.46138	1.46138	0.581562	0.87893	-1.13775

Probeset ID	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)
cg17323393	0.000162799	0.368872	-2.71097	0.152151	0.788376	-1.26843	0.137821	1.28107	1.28107	0.0103926	0.6064	-1.64908
cg23251746	0.0383425	0.553974	-1.80514	0.0320658	1.85526	1.85526	0.163668	0.69363	-1.44169	0.484426	1.19109	1.19109
cg17200737	0.0194637	0.431067	-2.31983	0.493943	0.813056	-1.22993	0.000420646	0.189132	-5.28731	0.793014	1.0815	1.0815
cg22834409	0.00262792	0.423242	-2.36272	0.358332	1.21534	1.21534	0.320126	1.23628	1.23628	0.0706167	0.658924	-1.51763
cg19000611	0.764821	1.08177	1.08177	0.108443	1.58208	1.58208	0.0144065	0.453786	-2.20368	0.0038964	0.361267	-2.76804
cg11993171	0.0956743	0.817154	-1.22376	0.0385833	1.30259	1.30259	0.00035483	1.88279	1.88279	0.00563363	0.669728	-1.49314
cg23924603	0.318931	1.22286	1.22286	0.767588	0.943758	-1.05959	0.000305161	0.317979	-3.14486	0.0478203	1.55576	1.55576
cg12536921	0.000542851	0.554652	-1.80293	0.107923	1.21204	1.21204	0.041113	0.772322	-1.2948	0.166995	1.17529	1.17529
cg09094448	0.241373	0.68637	-1.45694	0.639435	1.15581	1.15581	?	?	?	0.140658	1.62636	1.62636
cg17891263	0.0133804	0.536375	-1.86437	0.426148	1.17967	1.17967	0.00156769	0.397041	-2.51863	0.726117	1.07413	1.07413
cg09999441	0.0518614	1.36748	1.36748	0.307723	0.861256	-1.1611	0.000352833	0.443968	-2.25241	0.612454	1.07494	1.07494
cg23973417	0.000487619	0.412975	-2.42145	0.0292546	0.65994	-1.51529	0.00211965	0.497088	-2.01172	0.151889	1.28197	1.28197
cg00308439	0.00104861	0.619323	-1.61467	0.0674643	1.22438	1.22438	0.0802755	0.825543	-1.21132	0.00231534	1.52268	1.52268
cg07838272	0.00677947	0.507443	-1.97067	0.208608	0.773935	-1.2921	0.000551284	0.354538	-2.82057	0.595345	0.90156	-1.10919
cg04677163	0.00635687	0.46453	-2.15271	0.800579	1.05615	1.05615	0.00402611	0.434314	-2.30248	0.0031498	2.38947	2.38947
cg18721249	0.182078	0.420561	-2.37778	0.631268	0.743988	-1.34411	0.865842	1.10894	1.10894	0.00110401	18.94	18.94
cg01971483	0.205422	0.437429	-2.28608	0.708893	1.26127	1.26127	0.743784	0.816283	-1.22506	0.00105594	20.0463	20.0463
cg08526637	0.810283	0.930396	-1.07481	0.438874	1.26725	1.26725	0.958681	0.984578	-1.01566	0.000324226	5.71928	5.71928
cg06225476	0.00925532	0.221917	-4.50619	0.368886	0.656614	-1.52296	0.00947134	0.223452	-4.47523	0.19389	0.534438	-1.87112
cg11691589	0.65789	0.916891	-1.09064	0.603961	1.10725	1.10725	0.0997833	0.703867	-1.42072	0.0258832	1.6736	1.6736
cg24987440	0.0366371	1.75438	1.75438	0.6845	0.909767	-1.09918	0.35778	1.24473	1.24473	0.0763161	1.57852	1.57852
cg26839117	0.616251	0.69754	-1.43361	0.0572202	4.63442	4.63442	0.299113	0.464344	-2.15358	0.000821658	36.3506	36.3506
cg18329349	0.0206325	1.30761	1.30761	0.0496072	0.806134	-1.24049	0.000392917	1.72178	1.72178	0.177194	1.14796	1.14796
cg20811266	0.0279301	0.653525	-1.53016	0.00255133	0.503859	-1.98468	0.340554	0.851422	-1.17451	0.643251	0.926462	-1.07937
cg07925282	0.83306	0.967037	-1.03409	0.062721	1.39454	1.39454	0.00281277	0.520175	-1.92243	0.00960477	1.68309	1.68309
cg12739419	0.0015684	0.322486	-3.10091	0.000827049	0.285203	-3.50627	1.74E-06	0.0508501	-19.6656	0.000354744	0.239574	-4.17407
cg04696780	0.00574465	0.555005	-1.80179	0.358829	1.16585	1.16585	0.0124956	1.65763	1.65763	0.00113894	2.17768	2.17768
cg00917413	0.00922333	0.511175	-1.95628	0.141677	1.37827	1.37827	9.22E-05	0.242354	-4.12619	0.0064907	2.05105	2.05105
cg16553024	0.00393454	0.484964	-2.06201	0.989923	0.997647	-1.00236	5.91E-05	0.249928	-4.00115	0.0115109	1.8032	1.8032
cg16847315	0.0253854	0.581264	-1.72039	0.521583	1.14183	1.14183	0.615966	1.10877	1.10877	0.00931007	1.96121	1.96121
cg14426015	0.0021908	0.39221	-2.54965	0.890335	0.97039	-1.03051	0.830886	0.954471	-1.0477	0.0277353	1.76277	1.76277
cg19453818	0.556527	0.779578	-1.28275	0.192949	1.78048	1.78048	0.038519	2.72822	2.72822	0.00729136	4.25819	4.25819
cg17979458	0.0926309	1.74162	1.74162	0.739146	1.10538	1.10538	0.00462368	3.09483	3.09483	0.450216	1.25944	1.25944
cg07963033	0.0185113	0.487579	-2.05095	0.328336	0.775907	-1.28881	0.0217282	0.500153	-1.99939	0.0533177	1.73679	1.73679
cg11825652	0.692618	0.858508	-1.16481	0.511019	1.29172	1.29172	0.0128775	3.27321	3.27321	0.0182122	3.00632	3.00632
cg02799643	0.00910334	0.325455	-3.07262	0.518523	1.24823	1.24823	0.260667	0.672051	-1.48798	0.355866	1.37949	1.37949
cg01962918	0.0347236	0.739179	-1.35285	0.0106448	0.674174	-1.4833	0.342674	1.12752	1.12752	0.152238	0.82838	-1.20718
cg10778337	0.136829	0.781027	-1.28037	0.0035639	0.543934	-1.83846	0.346725	1.16117	1.16117	0.894569	0.97976	-1.02066
cg04826279	0.00165936	0.448675	-2.22878	0.473824	1.13852	1.13852	0.866571	1.0304	1.0304	0.0391098	1.52991	1.52991
cg26504886	0.561574	0.830672	-1.20384	0.308097	1.39577	1.39577	0.00720346	2.99302	2.99302	0.553429	0.827386	-1.20863
cg11655691	0.00252616	0.28609	-3.49541	0.185178	1.52105	1.52105	0.973126	0.989995	-1.01011	0.0582806	1.89404	1.89404
cg07835814	0.0161957	1.23746	1.23746	0.217579	1.09852	1.09852	0.00125918	0.711007	-1.40646	0.4694	1.05476	1.05476
cg14893128	0.00341289	0.364742	-2.74166	0.0432129	1.77381	1.77381	0.664479	1.11104	1.11104	0.0422407	1.78023	1.78023
cg05021312	0.109607	0.523786	-1.90918	0.104619	0.518089	-1.93017	0.00522103	0.255076	-3.92041	0.00885127	0.29074	-3.4395
cg25191716	0.0209871	0.558928	-1.78914	0.241985	1.29246	1.29246	0.0557827	0.635095	-1.57457	0.014488	0.532022	-1.87962
cg06223279	0.306295	0.860899	-1.16158	0.566268	1.08544	1.08544	0.00942246	1.59264	1.59264	0.137695	0.797676	-1.25364
cg07613588	0.90578	1.02023	1.02023	0.127657	1.32137	1.32137	0.00541383	1.85759	1.85759	0.75261	0.94791	-1.05495
cg06349632	0.0276392	0.414449	-2.41284	0.903016	1.0421	1.0421	0.959725	1.01723	1.01723	0.63073	0.848888	-1.17801
cg10179227	8.31E-06	0.200336	-4.99161	0.000172647	0.348142	-2.87239	6.70E-06	0.191171	-5.23093	0.000776639	0.431205	-2.31908
cg07833472	1.61E-05	0.281305	-3.55486	0.000736699	0.481267	-2.07785	2.62E-05	0.305235	-3.27617	0.000652532	0.474596	-2.10706
cg03227104	3.16E-05	0.109235	-9.1546	0.000862254	0.255049	-3.92082	6.64E-05	0.135711	-7.36859	0.00123918	0.275459	-3.6303
cg06436854	0.000561909	0.124883	-8.00752	0.066106	0.468267	-2.13554	4.82E-05	0.0459394	-21.7678	0.00676307	0.266195	-3.75664
cg04699663	0.000104587	0.365676	-2.73466	0.00213345	0.530953	-1.88341	0.00648904	0.59505	-1.68053	0.00132101	0.503872	-1.98463
cg02760426	3.28E-05	0.185112	-5.40213	0.0371855	0.603059	-1.65821	0.0682465	1.53242	1.53242	0.801688	0.948745	-1.05402
cg08843248	0.153825	0.72809	-1.37346	0.00200937	0.404175	-2.47418	3.03E-05	0.183567	-5.4476	0.203409	0.756528	-1.32183
cg00446472	0.000524131	0.158557	-6.30688	0.0095553	0.326884	-3.05919	0.000253336	0.128147	-7.80353	0.00304022	0.250718	-3.98855
cg07057235	0.420862	1.27463	1.27463	0.0405559	2.00952	2.00952	4.43E-05	0.101962	-9.80755	0.0318922	0.476147	-2.10019
cg05444556	0.37224	0.804838	-1.24249	0.567868	0.87212	-1.14663	0.000182497	0.223194	-4.4804	0.0388398	0.567288	-1.76277
cg02355868	0.264992	0.746836	-1.33898	0.33688	0.779735	-1.28249	2.74E-05	0.125245	-7.98434	0.442405	0.821348	-1.21751
cg09437994	0.729284	1.07046	1.07046	0.654814	0.915585	-1.0922	2.16E-05	0.187473	-5.33409	0.733796	0.93529	-1.06919
cg07599366	0.238571	0.674019	-1.48364	0.416303	0.766818	-1.30409	0.000124203	0.117876	-8.48351	0.0294147	0.440531	-2.26999
cg03186440	0.0383926	0.53531	-1.86808	0.404589	1.24873	1.24873	0.705175	1.10407	1.10407	0.0447662	0.548782	-1.82222
cg06204040	0.532173	0.820062	-1.21942	0.109414	0.578558	-1.72844	0.0374438	0.469051	-2.13196	0.529862	0.819121	-1.22082
cg06982885	0.521387	0.776339	-1.2881	0.221099	0.605899	-1.65044	6.25E-05	0.0565465	-17.6846	0.684892	1.17224	1.17224
cg26642540	0.110701	0.653161	-1.53102	0.32544	0.779709	-1.28253	0.000138439	0.199058	-5.02365	0.294085	0.765904	-1.30565
cg01014371	0.416749	0.88901	-1.12485	0.384025	1.13488	1.13488	0.000257986	0.426334	-2.34558	0.063724	0.744187	-1.34375
cg04540712	0.696164	1.09141	1.09141	0.00550121	0.443323	-2.25569	0.000395245	0.284312	-3.51726	0.76693	1.06849	1.06849
cg09910674	0.00234981	0.10733	-9.31707	0.471834	1.46931	1.46931	0.00268375	0.112863	-8.86031	0.0120086	0.192559	-5.1932
cg07196216	0.0023612	0.351487	-2.84505	0.552697	1.15959	1.15959	0.0478463	0.572515	-1.74668	0.957646	0.986993	-1.01318
cg04416981	0.0408433	0.466261	-2.14472	0.249327	0.677626	-1.47574	0.00041039	0.163088	-6.13164	0.0902036	0.546879	-1.82856
cg13745346	0.00825457	0.37248	-2.68471	0.43591	0.792649	-1.26159	0.000196054	0.160307	-6.23804	0.189842	0.666342	-1.50073
cg01404893	0.393172	0.735195	-1.36018	0.646336	0.850028	-1.17643	0.00175017	0.208301	-4.80075	0.0839797	0.510451	-1.95905
cg06832898	0.0327054	0.328352	-3.04551	0.434607	0.700971	-1.42659	0.00042353	0.0830311	-12.0437	0.156903	0.509298	-1.96349
cg06950683	0.34008	0.629066	-1.58966	0.112398	0.442724	-2.25874	0.000692299	0.0870713	-11.4848	0.0440291	0.335909	-2.97699
cg07630078	0.153569	0.576924	-1.73333	0.320026	0.690802	-1.44759	0.000418002	0.133434	-7.49434	0.81719	1.08693	1.08693
cg16701003	0.00176901	0.215025	-4.65061	0.713614	0.880526	-1.13568	0.00569834	0.286065	-3.4957	0.0406575	0.442272	-2.26105
cg01026300	0.992097	0.997133	-1.00287	0.849792	1.05649	1.05649	0.0502034	1.90995	1.90995	0.000685985	0.222487	-4.49464
cg08047086	0.00303449	0.142969	-6.99452	0.118862	0.444577	-2.24933	0.006298	0.181956	-5.49584	0.0792132	0.393304	-2.54257
cg22023435	0.0283938	0.456401	-2.19106	0.135114	1.62963	1.62963	0.159964	0.634324	-1.57648	0.361796	1.3287	1.3287
cg02431972	0.0222488	0.137541	-7.27056	0.0443482	0.187855	-5.32324	0.00231096	0.0458662	-21.8025	0.0112552	0.100378	-9.96232
cg04887172	0.627849	0.857106	-1.16672	0.505871	0.808095	-1.23748	0.277676	1.4281	1.4281	0.642754	0.862908	-1.15887
cg06763375	0.0340671	0.38534	-2.59511	0.088399	0.484428	-2.06429	0.00560981	0.246116	-4.06313	0.0373964	0.394058	-2.5377
cg05057515	0.0594318	0.536486	-1.86398	0.33242	0.746293	-1.33996	0.0881194	0.5765	-1.73461	0.175612	1.52424	1.52424
cg05099708	0.171739	0.50602	-1.97621	0.468457	0.707956	-1.41252	0.00260533	0.14189	-7.04769	0.476064	0.712274	-1.40395
cg03797660	0.11095	0.477174	-2.09567	0.718513	0.857088	-1.16674	0.100881	0.465087	-2.15013	0.573589	0.784844	-1.27414
cg27292079	0.0639668	0.485454	-2.05993	0.284309	0.679724	-1.47119	0.00136259	0.199192	-5.02028	0.280149	0.677272	-1.47651
cg02926769	0.0147428	0.645185	-1.54994	0.0347034	0.698042	-1.43258	4.56E-09	0.0238484	-41.9316	0.0915711	0.76242	-1.31161
cg06821871	4.78E-08	0.198158	-5.04648	0.00540804	0.731966	-1.36618	0.000731961	0.645678	-1.54876	0.0137987	0.771518	-1.29615
cg05240948	0.0249466	1.12697	1.12697	4.39E-06	1.60649	1.60649	0.348986	0.957726	-1.04414	0.0328171	1.11835	1.11835
cg02434866	2.74E-05	0.377228	-2.65091	0.000181843	0.474146	-2.10905	2.79E-07	0.167532	-5.96901	0.155489	0.835986	-1.19619
cg03942201	1.99E-05	0.278399	-3.59197	0.105237	0.769563	-1.29944	0.000109318	2.74088	2.74088	0.0175536	1.53366	1.53366
cg26591221	0.0390412	0.609839	-1.63978	0.284076	0.794216	-1.2591	8.07E-07	0.0648725	-15.4148	0.524421	0.874979	-1.14288
cg09030685	0.0498044	0.458744	-2.17986	0.191312	0.617651	-1.61904	3.52E-06	0.0224771	-44.4897	0.701329	1.14363	1.14363
cg05370094	0.540866	0.924975	-1.08111	0.257105	1.16068	1.16068	0.000805559	0.528868	-1.89083	0.157647	1.20967	1.20967
cg05531174	0.467435	0.840325	-1.19002	0.05132	0.593298	-1.68549	0.161025	1.42224	1.42224	1.55E-05	0.122136	-8.18761
cg02770947	0.00670785	0.431273	-2.31872	0.908481	1.02789	1.02789	1.00E-05	0.103673	-9.64574	0.317756	1.2802	1.2802
cg02393091	0.770789	1.04794	1.04794	0.0588694	0.710365	-1.40773	0.000113216	0.337348	-2.9643	0.401142	0.871328	-1.14767
cg04513311	0.0333465	0.661401	-1.51194	0.948097	0.989236	-1.01088	0.000215233	0.358143	-2.79218	0.0263833	1.54916	1.54916
cg10284662	0.203083	1.13927	1.13927	0.0350322	1.26916	1.26916	0.318417	1.10525	1.10525	0.000125164	1.91276	1.91276
cg08372350	0.502851	1.25819	1.25819	0.143815	0.588331	-1.69972	4.77E-05	0.075242	-13.2905	0.263117	1.48299	1.48299
cg26876001	0.000926361	0.424399	-2.35627	0.00095283	0.426027	-2.34727	0.224534	1.24742	1.24742	0.19436	0.788271	-1.2686
cg00493358	0.576198	0.821048	-1.21796	0.493575	0.784455	-1.27477	2.33E-05	0.0522357	-19.144	0.489612	0.782651	-1.27771
cg02216032	0.154572	0.570365	-1.75326	0.0347365	0.403735	-2.47688	0.000101681	0.0791119	-12.6403	0.575602	1.23173	1.23173
cg09333956	0.193397	0.746152	-1.34021	0.0456865	0.614178	-1.62819	4.19E-05	0.190226	-5.25689	0.0433149	0.609867	-1.6397
cg27078927	0.101997	0.681806	-1.46669	0.00280724	0.414353	-2.4134	0.000146077	0.24695	-4.04941	0.178368	1.35796	1.35796
cg24208604	0.0035382	0.339485	-2.94564	0.413138	1.25686	1.25686	0.000488588	0.224703	-4.45031	0.92041	1.02769	1.02769
cg09928027	0.0276617	0.302157	-3.30954	0.716935	0.845882	-1.1822	0.000505088	0.0821699	-12.1699	0.175347	1.93964	1.93964
cg09096824	0.266519	1.29879	1.29879	0.00430961	0.422366	-2.36762	0.000966325	0.329733	-3.03276	?	?	?
cg00335908	0.0199918	0.235901	-4.23907	0.5174	0.71345	-1.40164	0.000121703	0.0316892	-31.5565	0.513551	0.711174	-1.40613
cg03373771	0.0280056	0.246155	-4.06249	0.284611	0.548678	-1.82256	0.000178306	0.0324241	-30.8413	0.988813	0.992457	-1.0076
cg08688816	0.880309	0.952736	-1.04961	0.0286561	0.436271	-2.29215	0.000164748	0.126964	-7.87625	0.59195	1.18989	1.18989
cg00957684	0.00104757	0.213533	-4.68312	0.000989829	0.210554	-4.74937	0.352237	1.35628	1.35628	0.191972	1.55222	1.55222
cg22235727	0.029692	0.565027	-1.76983	0.608114	0.891037	-1.12229	0.000363496	0.279519	-3.57757	0.0882366	0.657302	-1.52137
cg05844895	0.0291046	0.442248	-2.26118	0.00298887	0.274707	-3.64024	0.0135718	0.37946	-2.63532	0.936997	0.975231	-1.0254
cg27418099	0.804623	1.04112	1.04112	0.909631	0.981708	-1.01863	0.11377	1.32282	1.32282	0.233267	0.816107	-1.22533
cg00035197	0.524192	1.2532	1.2532	0.745429	0.89233	-1.12066	0.0031365	0.243609	-4.10494	0.407726	1.34465	1.34465
cg01123787	0.00224774	0.234337	-4.26736	0.0182495	0.378305	-2.64337	0.0030582	0.252562	-3.95942	0.964214	1.01534	1.01534
cg08992761	0.51807	0.853553	-1.17157	0.048584	0.580171	-1.72363	0.00447016	0.400028	-2.49983	0.00880983	0.446648	-2.2389
cg27489939	0.000978574	0.425358	-2.35096	0.0288665	0.638104	-1.56714	0.195369	0.787602	-1.26968	0.0472178	1.48567	1.48567
cg08846558	0.445818	0.759797	-1.31614	0.491802	0.781296	-1.27992	0.000166727	0.103688	-9.64429	0.971639	0.987512	-1.01265
cg02087101	0.00506515	0.529811	-1.88747	0.775747	0.952221	-1.05018	0.0491308	1.46961	1.46961	0.457636	1.13843	1.13843
cg01977582	0.048736	0.419605	-2.38319	0.593408	0.812276	-1.23111	0.0347847	0.387013	-2.58389	0.594427	0.81275	-1.23039
cg06460328	0.021039	0.291535	-3.43012	0.284597	0.610392	-1.63829	0.000453713	0.0859367	-11.6365	0.094471	0.442032	-2.26228
cg05151621	0.0247265	0.578842	-1.72759	0.344334	0.819408	-1.22039	0.697187	1.08324	1.08324	0.00428127	2.18439	2.18439
cg10155891	0.0624482	0.654576	-1.52771	0.15035	0.7323	-1.36556	0.0683234	1.51052	1.51052	0.816113	0.954015	-1.0482
cg00762678	0.0150279	0.322607	-3.09975	0.30722	0.670273	-1.49193	0.000977561	0.156282	-6.39869	0.126411	0.534823	-1.86978
cg04072301	0.012007	0.346232	-2.88824	0.0335438	0.431467	-2.31767	0.00122026	0.201501	-4.96275	0.299597	0.694961	-1.43893
cg05267735	0.879973	0.97372	-1.02699	0.213632	1.25961	1.25961	0.0352889	1.54047	1.54047	0.526384	1.11979	1.11979
cg05489661	0.00310954	0.346727	-2.88411	0.00427713	0.367555	-2.72068	0.0458094	0.54905	-1.82133	0.0529315	0.562104	-1.77903
cg03970086	0.0197533	0.481819	-2.07547	0.482819	0.831107	-1.20321	0.0014491	0.303128	-3.29894	0.032332	0.52204	-1.91556
cg03221025	0.00805491	0.18803	-5.3183	0.014385	0.226412	-4.41672	0.111711	0.426197	-2.34633	0.006885	0.178617	-5.59857
cg07424342	0.0532909	0.718607	-1.39158	0.00901536	1.64823	1.64823	0.00810751	0.600359	-1.66567	0.875547	0.976687	-1.02387
cg05579598	0.0806648	0.431953	-2.31507	0.102579	0.461171	-2.16839	0.00712108	0.221751	-4.50957	0.383337	0.678857	-1.47306
cg02461502	0.0565776	0.64075	-1.56067	0.0466338	0.625084	-1.59979	0.0600375	0.645643	-1.54884	0.850854	0.961924	-1.03958
cg02192204	0.0410105	4.1706	4.1706	0.0377592	4.30231	4.30231	0.645135	1.32422	1.32422	0.0141397	6.25725	6.25725
cg08698997	0.0279939	0.174087	-5.74425	0.151823	0.355598	-2.81216	0.00803121	0.101563	-9.84612	0.823649	0.860444	-1.16219
cg03034934	0.480838	0.764287	-1.30841	0.0188085	0.343796	-2.9087	0.0227819	0.359757	-2.77965	0.844799	1.07629	1.07629
cg03021297	0.229783	0.746689	-1.33925	0.0110028	0.477361	-2.09485	0.0114626	0.48031	-2.08199	0.709719	0.916972	-1.09055
cg02003041	0.0316378	0.561453	-1.78109	0.229613	0.749171	-1.33481	0.0302432	1.79261	1.79261	0.0344104	1.75986	1.75986
cg00492521	0.0284494	0.329112	-3.03848	0.804569	0.898932	-1.11243	0.00319503	0.177286	-5.6406	0.334918	0.652221	-1.53322
cg26824780	0.78623	1.11735	1.11735	0.293517	1.56009	1.56009	0.00319328	0.19337	-5.17144	0.628399	1.22025	1.22025
cg04606653	0.0808047	0.63832	-1.56661	0.0201902	0.522308	-1.91458	0.115013	0.672112	-1.48785	0.203808	0.732744	-1.36473

Probeset ID	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17323393	0.249059	0.829653	-1.20532	8.68897	3.30648	0.338256	1
cg23251746	0.870783	1.04088	1.04088	5.49225	5.26841	0.852662	1
cg17200737	0.0510805	0.51586	-1.93851	4.92952	6.92953	1.24953	1
cg22834409	0.487722	0.864535	-1.15669	3.86302	2.6081	0.60013	1
cg19000611	0.0133404	0.447956	-2.23236	7.60224	8.2633	0.966184	1
cg11993171	0.00610744	0.673768	-1.48419	46.9126	9.04417	0.171367	1
cg23924603	0.0963546	1.42848	1.42848	8.60859	5.20152	0.537089	1
cg12536921	0.417374	0.913146	-1.09511	6.67895	1.27134	0.1692	1
cg09094448	0.0151098	0.400044	-2.49973	6.49118	7.52987	1.32573	1
cg17891263	0.470652	1.16094	1.16094	4.27328	2.79827	0.582071	1
cg09999441	0.324532	1.1548	1.1548	5.57076	1.76564	0.281732	1
cg23973417	0.229577	1.22629	1.22629	15.3034	6.34582	0.368593	1
cg00308439	0.786219	0.973497	-1.02722	12.7899	1.97745	0.137432	1
cg07838272	0.4314	1.16795	1.16795	6.18349	3.66024	0.526166	1
cg04677163	0.596851	0.891168	-1.12212	6.17141	4.55406	0.655936	1
cg18721249	0.814593	0.866179	-1.1545	5.14173	30.457	5.26533	1
cg01971483	0.906321	1.07558	1.07558	5.05774	30.6858	5.39298	1
cg08526637	0.829524	0.937364	-1.06682	4.89033	6.96976	1.26686	1
cg06225476	0.0452928	0.351079	-2.84836	4.49449	14.789	2.92487	1
cg11691589	0.782121	0.947456	-1.05546	4.29295	2.57716	0.53362	1
cg24987440	0.361333	0.804755	-1.24261	4.22979	3.58984	0.754403	1
cg26839117	0.435587	1.76302	1.76302	4.17346	33.5865	7.15347	1
cg18329349	0.298999	1.10912	1.10912	7.86136	1.15245	0.130309	1
cg20811266	0.211458	1.24059	1.24059	5.40163	2.29437	0.377559	1
cg07925282	0.689162	1.06593	1.06593	4.51401	1.80285	0.355013	1
cg12739419	0.00627831	0.411873	-2.42793	32.1181	31.5738	0.873825	1
cg04696780	0.0645164	1.40177	1.40177	13.4973	5.65399	0.372354	1
cg00917413	0.0429731	0.623201	-1.60462	13.1198	8.56559	0.580333	1
cg16553024	0.0186844	0.587607	-1.70182	11.3671	6.26408	0.489841	1
cg16847315	0.119198	1.41235	1.41235	6.20384	4.09598	0.586874	1
cg14426015	0.107999	1.46534	1.46534	5.19354	3.90468	0.668297	1
cg19453818	0.101257	2.11981	2.11981	4.2048	11.6744	2.46794	1
cg17979458	0.889511	1.04255	1.04255	3.80451	5.41603	1.2654	1
cg07963033	0.612049	0.879313	-1.13725	3.74198	3.74801	0.890322	1
cg11825652	0.0923165	2.03682	2.03682	3.62775	8.47105	2.07561	1
cg02799643	0.924912	0.968571	-1.03245	3.41812	6.21237	1.61554	1
cg01962918	0.822043	1.02804	1.02804	5.54438	1.32353	0.212191	1
cg10778337	0.00531933	0.5676	-1.7618	6.47861	2.44015	0.334797	1
cg04826279	0.433438	1.15298	1.15298	4.94882	2.4858	0.446491	1
cg26504886	0.572849	0.835198	-1.19732	4.04211	6.39549	1.40641	1
cg11655691	0.167915	1.55063	1.55063	5.5328	7.80673	1.25421	1
cg07835814	0.85753	0.987067	-1.0131	18.1701	1.51005	0.0738722	1
cg14893128	0.218033	0.729947	-1.36996	7.22729	6.51106	0.700699	1
cg05021312	0.602445	0.822974	-1.21511	4.52671	9.8536	1.93491	1
cg25191716	0.0288408	0.582786	-1.71589	4.46004	3.09992	0.617816	1
cg06223279	0.245325	0.842114	-1.18749	3.62936	1.14943	0.281515	1
cg07613588	0.946138	0.988635	-1.0115	4.68231	2.12251	0.402936	1
cg06349632	0.00234787	0.237865	-4.20406	3.87989	7.0305	1.6107	1
cg10179227	1.01E-05	0.208652	-4.79267	40.1255	17.386	0.385146	1
cg07833472	9.20E-06	0.254761	-3.92525	28.164	9.07293	0.286352	1
cg03227104	1.50E-05	0.0861633	-11.6059	23.2713	27.4931	1.05015	1
cg06436854	0.00946169	0.290841	-3.43831	20.0885	40.6951	1.57561	1
cg04699663	0.120174	0.780886	-1.2806	15.3022	5.21657	0.303026	1
cg02760426	0.054413	0.633622	-1.57823	12.984	8.9884	0.615349	1
cg08843248	0.00131241	0.378327	-2.64321	12.2375	8.37146	0.608072	1
cg00446472	0.0060348	0.294607	-3.39435	11.8664	21.8153	1.63414	1
cg07057235	0.00778242	0.364827	-2.74103	10.9061	15.0404	1.22584	1
cg05444556	0.0528244	0.593557	-1.68476	10.5133	9.35251	0.790745	1
cg02355868	0.210477	0.717791	-1.39316	9.98962	9.98971	0.888897	1
cg09437994	0.0583101	0.657498	-1.52092	9.96877	6.06404	0.540714	1
cg07599366	0.00209689	0.250803	-3.98719	9.68342	15.6641	1.43788	1
cg03186440	0.014008	0.453716	-2.20402	9.10886	9.78772	0.955135	1
cg06204040	0.211854	1.51032	1.51032	7.82474	12.1809	1.38374	1
cg06982885	0.0283936	0.365029	-2.73951	7.26373	17.4555	2.13609	1
cg26642540	0.00881405	0.441633	-2.26433	7.2248	6.87214	0.8455	1
cg01014371	0.0478506	0.725646	-1.37808	6.78525	2.15935	0.282881	1
cg04540712	0.143314	0.704301	-1.41985	6.39207	5.0293	0.69938	1
cg09910674	0.0117455	0.191114	-5.23249	6.35952	27.8423	3.89159	1
cg07196216	0.0153391	0.480172	-2.08259	6.25621	6.02135	0.85552	1
cg04416981	0.0719491	0.522433	-1.91412	6.0548	10.018	1.47071	1
cg13745346	0.191022	0.667146	-1.49892	5.69785	7.7124	1.20317	1
cg01404893	0.143756	0.575556	-1.73745	5.55539	10.8822	1.74121	1
cg06832898	0.0666564	0.399943	-2.50036	5.35082	16.8314	2.79606	1
cg06950683	0.154355	0.48735	-2.05191	4.94774	17.4159	3.12886	1
cg07630078	0.144381	0.568676	-1.75847	4.8301	9.91332	1.82436	1
cg16701003	0.0329118	0.422646	-2.36604	4.75625	8.97516	1.67735	1
cg01026300	0.0831399	0.573484	-1.74373	4.62758	6.15685	1.18264	1
cg08047086	0.0771685	0.390237	-2.56255	4.51484	16.3976	3.22839	1
cg22023435	0.547989	0.831674	-1.20239	4.33233	6.30703	1.29405	1
cg02431972	0.0794323	0.244248	-4.0942	4.12732	34.263	7.37912	1
cg04887172	0.0288338	0.443253	-2.25605	4.00175	6.31489	1.4027	1
cg06763375	0.06072	0.442562	-2.25957	3.7729	8.88176	2.09253	1
cg05057515	0.245689	0.70093	-1.42668	3.69376	5.01084	1.20584	1
cg05099708	0.069086	0.385829	-2.59182	3.68797	12.8044	3.08617	1
cg03797660	0.032004	0.342862	-2.91663	3.50168	10.0668	2.55542	1
cg27292079	0.157011	0.591344	-1.69106	3.41694	6.52009	1.69615	1
cg02926769	0.00823837	0.610528	-1.63793	91.6471	30.9442	0.300129	1
cg06821871	1.02E-05	0.446599	-2.23914	51.3837	5.91068	0.102249	1
cg05240948	1.22E-06	0.570799	-1.75193	47.5861	1.51259	0.0282546	1
cg02434866	0.0979434	0.807364	-1.2386	36.5465	8.04119	0.195579	1
cg03942201	0.541785	0.912659	-1.0957	28.6687	9.94233	0.308268	1
cg26591221	0.34382	0.817179	-1.22372	22.5987	15.342	0.603457	1
cg09030685	0.743604	0.891983	-1.1211	17.485	33.5894	1.70759	1
cg05370094	0.0135464	0.680491	-1.46953	13.4067	3.36994	0.223433	1
cg05531174	0.000567548	0.284697	-3.5125	13.2698	11.6339	0.779309	1
cg02770947	0.869434	0.961414	-1.04013	12.8713	11.6631	0.80545	1
cg02393091	0.0204884	0.639214	-1.56442	11.7499	4.78058	0.361654	1
cg04513311	0.923469	0.984154	-1.0161	10.9157	4.77729	0.389024	1
cg10284662	0.0742305	1.21294	1.21294	10.7806	1.60803	0.132586	1
cg08372350	0.143527	0.588074	-1.70047	9.75003	17.6171	1.60611	1
cg26876001	0.700904	0.935309	-1.06917	9.58304	4.55746	0.422734	1
cg00493358	0.210185	0.630605	-1.58578	9.4589	18.2644	1.71637	1
cg02216032	0.651774	0.845856	-1.18223	9.40312	20.2215	1.91157	1
cg09333956	0.0411512	0.605751	-1.65084	8.5616	6.13854	0.63732	1
cg27078927	0.0901806	0.670584	-1.49124	7.79503	5.65322	0.644652	1
cg24208604	0.464664	0.815998	-1.22549	7.45779	8.81883	1.05111	1
cg09928027	0.72046	0.84774	-1.17961	7.42158	24.8384	2.97492	1
cg09096824	0.974415	0.992784	-1.00727	7.32195	5.2567	0.717937	1
cg00335908	0.312519	0.584244	-1.71161	6.82201	28.5938	3.72569	1
cg03373771	0.727933	0.828118	-1.20756	6.79005	31.3619	4.1056	1
cg08688816	0.938898	0.975666	-1.02494	6.61054	10.8103	1.45361	1
cg00957684	0.35049	0.736449	-1.35787	6.30488	10.1193	1.42666	1
cg22235727	0.167204	0.720037	-1.38882	6.22254	4.90381	0.700509	1
cg05844895	0.128496	0.593782	-1.68412	6.10448	9.73096	1.41695	1
cg27418099	0.135245	1.29926	1.29926	6.00125	2.51276	0.372184	1
cg00035197	0.654439	1.17063	1.17063	5.77897	11.1918	1.72146	1
cg01123787	0.493774	0.789974	-1.26586	5.6516	10.3013	1.6202	1
cg08992761	0.698039	0.910087	-1.0988	5.60451	5.18365	0.82214	1
cg27489939	0.354521	0.846994	-1.18065	5.54388	2.6688	0.427907	1
cg08846558	0.606606	0.832271	-1.20153	5.32433	10.536	1.75896	1
cg02087101	0.440603	0.873882	-1.14432	5.35366	2.21462	0.413666	1
cg01977582	0.517845	0.776512	-1.28781	5.00754	11.8049	2.09549	1
cg06460328	0.190279	0.540084	-1.85156	4.95458	15.4774	2.77676	1
cg05151621	0.00913597	0.508093	-1.96814	4.93299	3.26657	0.588613	1
cg10155891	0.0969798	1.44505	1.44505	4.89132	3.16376	0.574943	1
cg00762678	0.141058	0.549275	-1.82058	4.76224	10.8048	2.01675	1
cg04072301	0.0394059	0.446355	-2.24037	4.62994	8.40237	1.61315	1
cg05267735	0.127197	0.747726	-1.33739	4.55582	2.24135	0.43731	1
cg05489661	0.118926	0.641962	-1.55773	4.54508	4.93698	0.965534	1
cg03970086	0.0542595	0.567481	-1.76217	4.4928	4.78697	0.94709	1
cg03221025	0.0208856	0.254437	-3.93025	4.49071	17.24	3.41249	1
cg07424342	0.833699	1.03215	1.03215	4.32279	1.55091	0.318911	1
cg05579598	0.122517	0.484271	-2.06496	4.28521	12.7421	2.64312	1
cg02461502	0.438953	0.84976	-1.1768	4.26688	2.87424	0.59877	1
cg02192204	0.00611476	8.73117	8.73117	4.24939	24.6816	5.1629	1
cg08698997	0.107533	0.306421	-3.26348	4.19289	30.1139	6.38413	1
cg03034934	0.252737	0.638813	-1.5654	3.95354	8.81148	1.98112	1
cg03021297	0.259265	0.76122	-1.31368	3.89238	3.31286	0.756546	1
cg02003041	0.868402	0.962723	-1.03872	3.76304	3.12791	0.738862	1
cg00492521	0.130594	0.495772	-2.01706	3.73794	10.9344	2.60022	1
cg26824780	0.814275	0.90842	-1.10081	3.62897	9.57481	2.34527	1
cg04606653	0.0260561	0.542103	-1.84467	3.51339	2.99111	0.756752	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02633398	CBFA2T3;CBFA2T3	0.0473529	0.0693184	0.285063	-3.508	0.122784	0.356025	-2.80879	0.026964	0.198309	-5.04265	0.490905	0.649095	-1.54061	0.072652	0.290266	-3.44511	0.0328649	0.214039	-4.67204	0.00455983	0.0969731	-10.3121	0.101098	0.329901	-3.03121	0.0476699	0.246895	-4.0503	3.45865	20.8972	5.37067	1
cg05540133	CBFA2T3;CBFA2T3	0.0487538	0.682126	0.888601	-1.12537	0.0836029	1.73189	1.73189	0.592106	0.856315	-1.16779	0.771275	0.919797	-1.0872	0.142059	0.635904	-1.57256	0.0955837	0.591502	-1.69061	0.00387138	0.327611	-3.0524	0.10368	0.600271	-1.66592	0.0876827	0.582373	-1.71711	3.42074	4.45647	1.15803	1
cg05245319	CBFB;CBFB	0.00141576	0.256389	1.41636	1.41636	0.000316137	0.180049	-5.55403	0.00650786	0.353787	-2.82656	?	?	?	0.553707	0.838601	-1.19246	?	?	?	0.000355985	0.185575	-5.38867	0.615736	0.861836	-1.16031	0.303381	0.731083	-1.36783	11.2173	11.9294	1.2154	1
cg10233691	CBFB;CBFB	0.00191219	0.413889	1.25921	1.25921	0.228983	1.41673	1.41673	0.045012	0.530073	-1.88653	0.0231712	0.472815	-2.11499	0.00392878	0.342731	-2.91774	0.000130326	0.159877	-6.25482	?	?	?	0.122213	0.629893	-1.58757	0.204366	1.44713	1.44713	9.99277	10.7113	1.07191	1
cg08242636	CBFB;CBFB	0.00486437	0.0385486	0.511675	-1.95436	0.845766	0.947006	-1.05596	0.15674	0.654763	-1.52727	0.264486	0.722405	-1.38427	7.44E-05	0.13372	-7.47831	0.137506	0.639424	-1.56391	0.845995	1.05587	1.05587	0.859435	1.05081	1.05081	0.0226092	0.466134	-2.14531	7.40042	9.1619	1.10047	1
cg07866476	CBFB;CBFB	0.0111062	0.464934	1.13839	1.13839	0.00928632	1.77757	1.77757	0.00256121	2.07302	2.07302	0.538642	1.11461	1.11461	0.597646	0.91135	-1.09727	0.330843	1.19109	1.19109	0.00775569	0.55104	-1.81475	0.180559	0.78051	-1.28121	0.743645	0.944411	-1.05886	5.71479	2.74926	0.427625	1
cg06766367	CBFB;CBFB	0.0137712	0.00754932	1.96863	1.96863	0.274342	1.25124	1.25124	0.457609	1.16074	1.16074	0.0011697	2.55731	2.55731	0.456579	0.861215	-1.16115	0.256001	1.26321	1.26321	0.542872	1.12904	1.12904	0.399956	0.843842	-1.18506	0.0554736	0.651993	-1.53376	5.32865	3.27714	0.546669	1
cg22414151	CBL	0.00311946	0.0293136	0.478077	-2.09171	0.457436	0.804506	-1.243	0.289351	0.72895	-1.37184	0.993332	0.997601	-1.0024	0.00157155	0.271079	-3.68895	0.0269941	0.471045	-2.12294	0.00017388	0.16011	-6.2457	0.298228	1.36338	1.36338	0.0166522	0.431536	-2.31731	8.45941	11.0712	1.16332	1
cg04964702	CBL	0.00487761	0.07614	0.60553	-1.65145	0.0100523	2.28383	2.28383	0.0451714	1.79355	1.79355	0.675137	0.898391	-1.1131	0.00696298	0.411701	-2.42895	0.00755121	2.39584	2.39584	0.00961793	0.434659	-2.30065	0.265576	1.34302	1.34302	0.525605	1.17763	1.17763	7.39429	7.56765	0.909729	1
cg23965590	CBL	0.0265695	0.0785928	0.499502	-2.00199	0.201366	1.61514	1.61514	0.851251	0.935474	-1.06898	0.549833	0.80655	-1.23985	0.00266852	0.228602	-4.37441	0.0923304	0.517751	-1.93143	0.164166	0.59011	-1.6946	0.0745276	2.02573	2.02573	0.0734511	0.492058	-2.03228	4.26563	8.52916	1.77734	1
cg09376352	CBL	0.0362464	0.385789	0.688928	-1.45153	0.00298938	5.51099	5.51099	0.150603	1.90726	1.90726	0.0939602	2.16366	2.16366	0.0489132	2.56617	2.56617	0.097357	2.14347	2.14347	0.149039	0.522826	-1.91268	0.803672	1.11003	1.11003	0.945029	1.02932	1.02932	3.81836	10.6216	2.47263	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27062573	CBX7	0.00643121	0.527572	1.08782	1.08782	0.298784	0.867932	-1.15216	0.142523	0.812758	-1.23038	0.117616	1.25047	1.25047	0.924694	0.987643	-1.01251
cg22268271	CBX7	0.0102737	0.00678008	1.90742	1.90742	0.000661612	2.61078	2.61078	0.0422244	1.53825	1.53825	0.00649558	1.91752	1.91752	0.672963	1.08126	1.08126
cg25790850	CBX7	0.0184309	0.865238	1.03252	1.03252	0.000289378	3.04639	3.04639	0.0356924	1.58495	1.58495	0.0705555	1.46338	1.46338	0.50501	1.13592	1.13592
cg12193277	CBX7	0.0321807	0.978375	0.986755	-1.01342	0.0109893	4.80448	4.80448	0.232345	1.85172	1.85172	0.0175173	4.14654	4.14654	0.201839	0.515326	-1.94052
cg07431064	CBX7	0.0358503	0.96232	0.990448	-1.00964	0.122465	0.711745	-1.405	0.0709332	0.663718	-1.50666	0.60181	1.11289	1.11289	0.138879	0.723507	-1.38216
cg22254299	CBX8	6.03E-06	0.130303	0.764007	-1.30889	1.10E-05	4.67103	4.67103	0.216564	1.23888	1.23888	2.03E-07	13.4727	13.4727	0.0185866	0.624938	-1.60016
cg11079426	CBX8	0.00023695	0.198487	0.716137	-1.39638	0.000557423	0.268313	-3.72699	0.000399931	0.250593	-3.99053	0.98355	0.994947	-1.00508	0.000320252	0.239088	-4.18255
cg14122652	CBX8	0.0047894	0.159682	0.7337	-1.36296	0.0567041	0.641135	-1.55973	0.00805389	0.496812	-2.01283	0.69599	0.922261	-1.08429	0.000201977	0.276671	-3.6144
cg27478020	CBX8	0.00850075	0.295327	0.671801	-1.48854	0.0179098	0.348319	-2.87093	0.169192	0.584576	-1.71064	0.240004	0.637023	-1.5698	0.0108034	0.309252	-3.23361
cg18595542	CBX8	0.0187262	0.0164274	0.418952	-2.38691	0.416762	0.781733	-1.27921	0.261748	0.706641	-1.41515	0.325528	0.739924	-1.35149	0.0473364	0.510052	-1.96058
cg08382542	CBX8	0.0379091	0.31623	2.55796	2.55796	0.0103611	18.6683	18.6683	0.120853	4.59403	4.59403	0.00147673	63.9623	63.9623	0.716525	1.39171	1.39171
cg14458509	CBY1;CBY1	0.00435642	0.000973675	0.385012	-2.59732	0.323313	0.820018	-1.21949	0.105647	1.41033	1.41033	0.795747	1.05175	1.05175	0.250758	1.26292	1.26292
cg10148694	CBY1;CBY1	0.0122173	0.995106	0.998166	-1.00184	0.00184915	0.266315	-3.75495	0.0156868	0.412088	-2.42667	0.490496	0.810866	-1.23325	0.00513482	0.330718	-3.02372
cg13888505	CBY1;LOC646851;CBY1	0.0433711	0.131452	0.67253	-1.48692	0.119713	1.50876	1.50876	0.0251337	1.91341	1.91341	0.242589	1.34706	1.34706	0.0108167	2.18109	2.18109
cg22201734	CBY1;LOC646851;CBY1	0.0491463	0.00727862	11.7915	11.7915	0.851633	1.12866	1.12866	0.786738	1.19169	1.19169	0.292727	2.04369	2.04369	0.0500947	4.55339	4.55339
cg12335056	CBY3	0.0031294	0.00389989	0.231495	-4.31974	0.0751595	0.474195	-2.10884	0.0191195	0.343751	-2.90908	0.00494074	0.246151	-4.06255	0.000203711	0.0958662	-10.4312
cg16261572	CBY3	0.00879925	0.936029	1.0094	1.0094	0.209956	1.16646	1.16646	0.425684	0.909556	-1.09944	0.498482	1.08337	1.08337	0.923356	1.01128	1.01128
cg08757289	CBY3	0.0117545	0.767627	0.921906	-1.08471	0.00949085	0.405829	-2.46409	0.143732	1.53891	1.53891	0.451433	0.810146	-1.23434	?	?	?
cg21123434	CBY3;CBY3	0.00112384	0.234413	0.729487	-1.37083	0.622976	1.1336	1.1336	0.860951	1.04537	1.04537	0.390401	0.800349	-1.24945	0.000249933	0.216738	-4.61386
cg25409794	CC2D1A	0.0119283	0.175021	0.750244	-1.3329	0.82826	0.957642	-1.04423	0.110674	1.4138	1.4138	0.417835	0.847945	-1.17932	0.761181	0.941078	-1.06261
cg26498537	CC2D1A	0.0142652	0.385075	0.737391	-1.35613	0.014036	0.354347	-2.82209	0.0141323	0.354879	-2.81786	0.00682718	0.301564	-3.31604	0.00115016	0.195058	-5.12667
cg06858855	CC2D1A;C19orf57;CC2D1A	0.0201034	0.00399401	1.44546	1.44546	0.0221104	0.770058	-1.2986	0.99299	0.999164	-1.00084	0.030763	1.27326	1.27326	0.547511	1.05967	1.05967
cg24141115	CC2D1B	2.79E-05	0.926163	0.991585	-1.00849	0.40201	1.08134	1.08134	0.027803	0.788933	-1.26754	2.82E-07	3.97421	3.97421	0.662304	1.04088	1.04088
cg05799411	CC2D1B	3.49E-05	0.00242547	0.465532	-2.14808	0.842157	1.03677	1.03677	0.0135348	0.574971	-1.73922	0.202299	1.27607	1.27607	3.02E-06	0.133508	-7.4902
cg04458094	CC2D1B	5.15E-05	0.937513	1.00494	1.00494	0.0020611	1.31354	1.31354	0.493111	0.957207	-1.04471	4.73E-07	2.43419	2.43419	0.0995214	1.12013	1.12013
cg03947026	CC2D1B	0.0077107	0.0530913	0.553194	-1.80769	0.769293	0.92383	-1.08245	0.361047	1.28779	1.28779	0.0883932	0.602643	-1.65936	0.00217456	0.313908	-3.18565
cg01978669	CC2D1B	0.0094835	0.0503868	0.725927	-1.37755	0.241427	0.838529	-1.19256	0.808132	0.965663	-1.03556	0.202103	0.824128	-1.2134	0.101624	0.773069	-1.29354
cg16001451	CC2D1B	0.0193649	0.64571	0.829331	-1.20579	0.80076	0.902825	-1.10763	0.905379	0.953064	-1.04925	0.000237702	11.7153	11.7153	0.564835	0.790362	-1.26524
cg08897924	CC2D1B	0.0300589	0.0807183	1.78353	1.78353	0.0167097	0.417836	-2.39328	0.11963	0.603842	-1.65606	0.857682	1.05508	1.05508	0.557235	1.19402	1.19402
cg10541053	CC2D1B	0.0339256	0.434481	1.24293	1.24293	0.707594	0.902346	-1.10822	0.0857868	0.595825	-1.67834	0.388827	0.785965	-1.27232	0.00505307	0.36384	-2.74846
cg25185405	CC2D1B;CC2D1B	0.000218556	0.272234	0.881723	-1.13414	0.00669638	1.47315	1.47315	0.437242	1.09121	1.09121	0.330569	0.895311	-1.11693	0.705975	0.959113	-1.04263
cg10494397	CC2D2A	0.0028	0.00241802	0.610873	-1.637	0.000782931	1.80871	1.80871	0.0136643	1.4274	1.4274	0.458358	1.0921	1.0921	0.0199104	0.72045	-1.38802
cg20816447	CC2D2A;CC2D2A;CC2D2A	0.00089794	0.0999807	0.635964	-1.57242	8.79E-05	5.84148	5.84148	0.0054794	2.50209	2.50209	0.239396	0.733908	-1.36257	0.876537	0.961712	-1.03981
cg24225360	CC2D2A;CC2D2A;CC2D2A	0.00322944	0.0105494	0.540174	-1.85125	0.367553	0.837629	-1.19385	0.145346	1.34894	1.34894	0.749516	1.06324	1.06324	0.178483	0.760608	-1.31474
cg18797590	CC2D2A;CC2D2A;CC2D2A	0.00808973	0.117873	0.668188	-1.49659	0.137273	1.46232	1.46232	0.279443	1.30601	1.30601	0.00591258	2.35128	2.35128	0.0596867	0.603771	-1.65626
cg08616269	CCAR1	0.000188509	0.0138412	0.623081	-1.60493	0.00163613	0.495807	-2.01691	0.30514	1.17958	1.17958	0.000963385	0.465576	-2.14788	0.186888	1.24308	1.24308
cg00588577	CCAR1	0.00310108	0.726817	0.927677	-1.07796	0.361287	0.818026	-1.22245	0.0769953	0.656464	-1.52331	0.169937	1.36735	1.36735	0.533015	1.1447	1.1447
cg15947099	CCAR1	0.00393814	0.0809832	1.34467	1.34467	0.0123707	1.61064	1.61064	0.864004	0.974102	-1.02659	0.618159	0.925968	-1.07995	0.0185187	1.54828	1.54828
cg03153178	CCAR1	0.00402066	0.504608	0.891242	-1.12203	0.088396	0.726377	-1.3767	0.0105821	1.72764	1.72764	0.1869	0.788284	-1.26858	0.0121398	0.587659	-1.70167
cg14623805	CCAR1	0.00682449	0.0426207	0.779049	-1.28362	0.0218924	0.745136	-1.34204	0.473763	0.925027	-1.08105	0.43928	1.08804	1.08804	0.010114	1.41493	1.41493
cg12580870	CCAR1	0.0363997	?	?	?	?	?	?	0.747548	1.16252	1.16252	0.968849	0.981956	-1.01838	0.403762	0.671404	-1.48942
cg10026583	CCAR1	0.0367981	0.438499	1.1699	1.1699	0.00696527	2.00009	2.00009	0.0853144	1.45897	1.45897	0.152574	1.35561	1.35561	0.0592054	1.5265	1.5265
cg12823012	CCAR1	0.0394155	0.812878	1.13032	1.13032	0.0202377	4.24782	4.24782	0.0433712	3.32092	3.32092	0.00431612	0.139305	-7.17851	0.450929	1.48707	1.48707
cg07519218	CCAR1;SNORD98	0.00465819	0.0269945	0.603608	-1.65671	0.00849706	0.523337	-1.91081	0.000414767	0.339645	-2.94425	0.251479	0.793773	-1.25981	0.498271	1.14172	1.14172
cg27037551	CCBE1	3.67E-05	0.00753412	2.21177	2.21177	0.000203136	4.21264	4.21264	0.000258811	4.00567	4.00567	0.307282	1.27631	1.27631	0.000138261	4.57577	4.57577
cg15215560	CCBE1	8.32E-05	0.550593	0.906211	-1.1035	0.0656121	1.40068	1.40068	0.00843677	1.73076	1.73076	0.148974	1.28711	1.28711	0.555969	1.102	1.102
cg26965275	CCBE1	0.000432882	0.51375	1.16304	1.16304	4.30E-05	0.16996	-5.88372	0.0678407	1.59442	1.59442	0.352247	1.244	1.244	0.414652	1.20947	1.20947
cg17298666	CCBE1	0.00244615	0.494587	1.15633	1.15633	0.0254766	1.74373	1.74373	0.0927306	1.47316	1.47316	0.354321	1.22087	1.22087	0.416173	1.1901	1.1901
cg26685743	CCBE1	0.00465771	0.34441	0.749119	-1.3349	0.214181	0.678487	-1.47387	0.00180333	0.268079	-3.73024	0.183707	0.658147	-1.51942	0.00234353	0.283762	-3.52408
cg01281285	CCBE1	0.00582416	0.541854	1.15235	1.15235	0.410541	1.21319	1.21319	0.537111	1.15433	1.15433	0.199942	1.36471	1.36471	0.831884	1.05003	1.05003
cg16443424	CCBE1	0.0106694	0.73662	0.891406	-1.12182	0.934541	1.02837	1.02837	0.045986	0.458939	-2.17894	?	?	?	0.68766	1.14755	1.14755
cg07126263	CCBE1	0.0151794	0.999924	0.999942	-1.00006	0.328331	1.85154	1.85154	0.299054	1.9293	1.9293	0.569075	1.42102	1.42102	0.371934	0.571375	-1.75017
cg17112707	CCBE1	0.0153781	0.0164699	0.141188	-7.08274	0.0478674	0.220658	-4.5319	0.00880564	0.107723	-9.28309	0.0303958	0.182712	-5.4731	0.0190472	0.15017	-6.65914
cg23903160	CCBE1	0.0318758	0.0198093	0.318017	-3.14449	0.116902	0.499757	-2.00097	0.102793	0.483429	-2.06855	0.129578	0.513321	-1.9481	0.00801714	0.250708	-3.9887
cg26068292	CCBE1	0.0389197	0.187843	1.51241	1.51241	0.00737838	0.35937	-2.78265	0.0141779	0.407762	-2.45241	0.694432	0.889555	-1.12416	0.651778	0.874008	-1.14415
cg13643894	CCBE1	0.0393407	0.371028	0.847128	-1.18046	0.15097	1.32046	1.32046	0.758076	1.05739	1.05739	0.900957	1.02274	1.02274	0.657003	0.922452	-1.08407
cg01511828	CCBE1	0.0441841	0.121518	3.2751	3.2751	0.0746198	4.06954	4.06954	0.523246	1.57966	1.57966	0.161183	0.347306	-2.8793	0.151509	0.337553	-2.9625
cg02774186	CCBE1;CCBE1	0.0313959	0.0137353	0.643876	-1.55309	0.927495	0.986934	-1.01324	0.753371	0.955475	-1.0466	0.625513	0.931392	-1.07366	0.50071	0.905955	-1.10381
cg14112570	CCBL1;CCBL1;CCBL1;LRRC8A;CCBL1;LRRC8A;CCBL1;LRRC8A;CCBL1	0.0496287	0.186469	1.5211	1.5211	0.171593	1.54632	1.54632	0.423216	1.27759	1.27759	0.437216	0.788717	-1.26788	0.128703	0.611562	-1.63516
cg27044148	CCBL2;CCBL2	0.037524	0.368833	0.667974	-1.49706	0.73029	0.859599	-1.16333	0.482083	0.731725	-1.36663	0.165753	0.524032	-1.90828	0.000812893	0.109987	-9.092
cg11309454	CCBL2;CCBL2;RBMXL1;RBMXL1	0.00100302	0.224113	0.77885	-1.28394	0.00911405	0.522899	-1.91241	0.0812641	0.685063	-1.45972	0.187906	0.761018	-1.31403	0.330016	1.21741	1.21741
cg14669130	CCBL2;CCBL2;RBMXL1;RBMXL1	0.00279422	0.00766703	0.637289	-1.56915	0.10055	0.789393	-1.2668	0.0754732	1.29713	1.29713	0.0430874	1.35796	1.35796	0.00125672	1.85743	1.85743
cg23627354	CCBL2;CCBL2;RBMXL1;RBMXL1	0.0240831	0.00707132	0.187312	-5.33869	0.00583609	0.176052	-5.68014	0.307402	0.601436	-1.66269	0.525644	1.36271	1.36271	0.115469	0.438915	-2.27834
cg03119028	CCBL2;CCBL2;RBMXL1;RBMXL1	0.0255404	0.160469	0.598477	-1.67091	0.008297	3.17561	3.17561	0.0193035	2.63506	2.63506	0.148306	1.7005	1.7005	0.133959	0.574989	-1.73916
cg08867629	CCBL2;RBMXL1;RBMXL1;CCBL2	0.00166679	0.602026	0.920618	-1.08623	0.000132425	0.352731	-2.83502	0.00100229	0.464021	-2.15508	0.212113	1.22951	1.22951	0.19788	1.23855	1.23855
cg13264770	CCBP2	0.000106386	0.375678	1.19785	1.19785	0.0136596	0.545718	-1.83245	0.135646	0.726637	-1.3762	0.918776	0.97995	-1.02046	0.000205499	0.290875	-3.4379
cg26158023	CCBP2	0.00704756	0.0131436	0.463793	-2.15613	0.00722904	0.420612	-2.37749	0.003335	0.368526	-2.71351	0.112615	0.649507	-1.53963	0.0166831	0.48182	-2.07546
cg08078851	CCBP2	0.00861904	0.119357	1.35246	1.35246	0.0129612	0.576416	-1.73486	0.033513	0.641659	-1.55846	0.0512372	0.672627	-1.48671	0.000941556	0.414247	-2.41402
cg19846529	CCBP2	0.0137149	0.149577	0.810764	-1.2334	0.0246835	1.43789	1.43789	0.603633	0.931355	-1.0737	0.763568	0.959869	-1.04181	0.265644	1.17057	1.17057
cg09405227	CCBP2	0.0172108	0.322539	1.25063	1.25063	0.183719	0.734417	-1.36162	0.305358	1.26149	1.26149	0.0694848	1.55955	1.55955	0.996615	1.00093	1.00093
cg13702846	CCBP2	0.0191728	0.0440317	0.488886	-2.04547	0.0133922	0.38781	-2.57858	0.00145799	0.241291	-4.14437	0.0172864	0.40788	-2.4517	0.0400303	0.480019	-2.08325
cg03628061	CCBP2	0.023003	0.246389	0.814649	-1.22752	0.452778	0.878668	-1.13809	0.0349549	0.65995	-1.51527	0.446918	0.877134	-1.14008	0.00103425	0.439604	-2.27478
cg02377083	CCBP2;CCBP2	0.0111144	0.842293	0.966727	-1.03442	0.823731	0.962812	-1.03862	0.00072121	0.417296	-2.39638	0.0587076	1.43724	1.43724	0.0881716	0.726426	-1.3766
cg04802657	CCDC101	0.000412387	0.225499	0.87414	-1.14398	0.0232748	0.750833	-1.33185	0.0381555	0.775738	-1.2891	0.000115988	0.489692	-2.0421	0.199944	0.866676	-1.15383
cg08604596	CCDC101	0.000450716	0.000130759	0.237694	-4.20709	0.000411933	0.29725	-3.36417	0.0021442	0.393459	-2.54156	0.0358256	0.589567	-1.69616	0.000134371	0.239035	-4.18349
cg27457698	CCDC101	0.00187721	0.549095	1.26322	1.26322	0.437294	0.73681	-1.3572	0.21713	1.64959	1.64959	0.821875	1.09081	1.09081	3.34E-05	0.0449855	-22.2294
cg00240767	CCDC101	0.00415425	0.0374443	0.40789	-2.45164	0.286789	0.663132	-1.50799	0.00129073	0.175242	-5.70641	0.943705	1.02657	1.02657	0.000352354	0.118586	-8.43273
cg05461818	CCDC101	0.00471475	0.837861	1.03648	1.03648	0.496282	0.886224	-1.12838	0.408183	1.15942	1.15942	0.660066	1.08046	1.08046	0.0260325	1.58704	1.58704
cg26871973	CCDC101	0.00587826	0.0137892	0.680139	-1.47029	0.00662052	1.56255	1.56255	0.0232672	1.40973	1.40973	0.996145	1.00061	1.00061	0.0287572	0.721382	-1.38623
cg16417911	CCDC101	0.0137108	0.303809	0.774531	-1.2911	0.302787	1.29185	1.29185	0.0150065	2.04886	2.04886	0.82432	0.94806	-1.05479	0.106256	0.654961	-1.52681
cg05302211	CCDC101	0.0146665	0.0315494	0.360666	-2.77265	0.215512	0.590218	-1.69429	0.0653753	0.433176	-2.30853	0.00681995	4.12735	4.12735	0.0250441	0.340204	-2.93941
cg08186584	CCDC101	0.014916	0.67502	1.1092	1.1092	0.00821991	0.435644	-2.29545	0.000467755	0.25877	-3.86443	0.337709	0.784345	-1.27495	0.0860448	0.627383	-1.59392
cg03825855	CCDC101	0.0178265	0.0432504	0.453113	-2.20696	0.00182891	0.221436	-4.51598	0.260607	0.670671	-1.49104	0.178388	1.62712	1.62712	0.0113299	0.339739	-2.94343
cg07298257	CCDC101	0.0316008	0.02421	0.406568	-2.45961	0.047194	2.13963	2.13963	0.363862	1.36691	1.36691	0.142132	1.69652	1.69652	0.375457	1.35618	1.35618
cg07162060	CCDC101	0.0440715	0.661813	0.939644	-1.06423	0.232949	0.837862	-1.19351	0.0416101	0.717301	-1.39411	0.228968	1.1955	1.1955	0.280992	1.17174	1.17174
cg09277532	CCDC102A	4.77E-06	7.05E-05	0.398229	-2.51112	3.25E-05	0.358597	-2.78865	0.000111636	0.422064	-2.36931	0.000171184	0.444404	-2.2502	2.14E-06	0.228214	-4.38185
cg00348900	CCDC102A	1.06E-05	0.888633	1.02465	1.02465	0.000343283	2.72237	2.72237	0.000909863	2.36762	2.36762	2.54E-05	4.26958	4.26958	1.96E-07	15.7212	15.7212
cg02102533	CCDC102A	0.000284495	0.404692	0.703971	-1.42051	0.000551985	9.09578	9.09578	0.0218437	3.10462	3.10462	0.00974906	3.84112	3.84112	5.96E-05	21.2578	21.2578
cg03057173	CCDC102A	0.0015017	0.268237	1.30245	1.30245	0.745576	0.92811	-1.07746	0.126394	0.684615	-1.46067	0.768133	1.07009	1.07009	0.000114633	0.212088	-4.71503
cg05004142	CCDC102A	0.00153966	0.192488	0.486643	-2.05489	0.00190559	9.93681	9.93681	0.0432259	3.36756	3.36756	0.0174542	4.53054	4.53054	0.000365668	19.7065	19.7065
cg03755052	CCDC102A	0.00284583	0.0381027	0.290975	-3.43672	0.000545715	15.7819	15.7819	0.0229339	4.04475	4.04475	0.174782	2.0985	2.0985	0.0303959	3.69434	3.69434
cg08096786	CCDC102A	0.00418326	?	?	?	0.00205325	0.289239	-3.45735	0.0044899	0.338898	-2.95074	?	?	?	0.000639754	0.223757	-4.46914
cg04276536	CCDC102A	0.00876763	0.00312178	0.427005	-2.34189	0.536686	1.14079	1.14079	0.325887	0.807699	-1.23809	0.00510739	0.458854	-2.17934	0.0115375	0.514209	-1.94473
cg08851837	CCDC102A	0.0139023	0.307334	0.79679	-1.25504	0.0710192	0.648202	-1.54273	0.0586576	0.631828	-1.58271	0.0229175	0.55709	-1.79504	0.00470881	0.446045	-2.24193
cg23127291	CCDC102A	0.0193753	0.184703	0.532069	-1.87946	0.00241895	6.64934	6.64934	0.104215	2.21816	2.21816	0.039184	2.91642	2.91642	0.610717	1.25893	1.25893
cg07241532	CCDC102A	0.0201925	0.87033	1.06424	1.06424	0.743274	0.882271	-1.13344	0.0955475	0.497655	-2.00942	0.526654	1.27697	1.27697	0.00379587	0.225799	-4.42871
cg10053355	CCDC102A	0.0314721	0.0840306	1.59126	1.59126	0.116784	1.51294	1.51294	0.85326	1.04602	1.04602	0.141665	0.681147	-1.46811	0.0444146	0.57066	-1.75236
cg07020416	CCDC102A	0.0411302	0.608886	0.817748	-1.22287	0.0793581	2.13678	2.13678	0.530067	1.28145	1.28145	0.487852	0.759735	-1.31625	0.563994	0.796606	-1.25533
cg19283806	CCDC102B	0.00235903	0.00243442	0.115103	-8.68786	0.0513018	0.320773	-3.11747	0.326651	0.595193	-1.68013	0.0272243	0.262084	-3.81557	0.00241631	0.114786	-8.71187
cg19248673	CCDC102B	0.0318185	0.0147359	0.490852	-2.03727	0.0785885	0.629289	-1.5891	0.590772	0.879243	-1.13734	0.508901	0.853112	-1.17218	0.556577	0.86851	-1.1514
cg23801782	CCDC102B;CCDC102B	0.00058342	0.239176	0.726189	-1.37705	0.117527	1.55464	1.55464	0.000964743	0.279282	-3.5806	0.0156866	0.46361	-2.15699	0.0429522	0.546284	-1.83055
cg25611570	CCDC102B;CCDC102B	0.000625606	0.000255194	0.271065	-3.68915	0.257684	1.29171	1.29171	0.0156382	0.526125	-1.90069	0.93393	0.982193	-1.01813	0.0585896	0.62939	-1.58884
cg15081561	CCDC102B;CCDC102B	0.000781818	0.087182	0.642936	-1.55536	0.000542124	0.284315	-3.51723	0.132601	0.684177	-1.46161	0.0358201	0.564852	-1.77038	1.66E-05	0.126136	-7.92794
cg22227582	CCDC102B;CCDC102B	0.00207283	0.00734395	0.398338	-2.51043	0.110049	0.628799	-1.59033	0.450707	0.814888	-1.22716	0.785129	1.07551	1.07551	0.0195777	0.471717	-2.11992
cg03686067	CCDC102B;CCDC102B	0.0294571	0.786652	0.946666	-1.05634	0.00612826	0.485491	-2.05977	0.795364	1.05391	1.05391	0.00783766	0.501875	-1.99253	0.157909	0.737103	-1.35666
cg22224628	CCDC102B;TMX3	0.00362728	0.023966	0.64599	-1.54801	8.65E-05	0.318871	-3.13607	0.00613439	0.559804	-1.78634	0.949393	0.989755	-1.01035	0.0454681	0.689228	-1.4509
cg06923616	CCDC102B;TMX3	0.00497849	0.00287399	0.137965	-7.24822	0.0050932	0.167247	-5.9792	0.0505654	0.340857	-2.93378	0.109261	0.430171	-2.32466	0.00369681	0.150312	-6.65285
cg18556345	CCDC102B;TMX3	0.00832621	0.953362	0.988573	-1.01156	0.141637	1.36417	1.36417	0.178697	1.32412	1.32412	0.288704	0.805392	-1.24163	0.595373	1.11107	1.11107
cg14309500	CCDC102B;TMX3	0.0230366	0.787036	1.05327	1.05327	0.121407	0.724788	-1.37971	0.857094	1.03515	1.03515	0.534511	1.12814	1.12814	0.167285	0.754145	-1.326
cg15552529	CCDC102B;TMX3	0.0366559	0.99269	1.00045	1.00045	0.116041	0.919114	-1.088	0.134571	1.08293	1.08293	0.940642	1.00368	1.00368	0.819828	0.988798	-1.01133
cg06635623	CCDC102B;TMX3;CCDC102B	0.00221916	0.211602	1.08889	1.08889	0.00997195	1.2344	1.2344	0.00140739	1.34883	1.34883	0.758565	1.02015	1.02015	0.001564	1.34192	1.34192
cg15275100	CCDC102B;TMX3;CCDC102B	0.00289112	0.186577	0.8531	-1.1722	0.431914	1.09529	1.09529	0.211503	1.16109	1.16109	0.000175655	0.485752	-2.05866	0.00377391	1.55819	1.55819
cg14559369	CCDC103;EFTUD2;EFTUD2;EFTUD2;EFTUD2	0.0263179	0.322153	1.19045	1.19045	0.821664	1.03923	1.03923	0.746931	1.05674	1.05674	0.00429038	0.521475	-1.91764	0.013036	0.591522	-1.69055
cg08264638	CCDC104	0.0106911	0.557171	1.06461	1.06461	0.700157	1.04165	1.04165	0.673031	1.04577	1.04577	0.0128762	0.722064	-1.38492	0.525396	1.07021	1.07021
cg19631576	CCDC105	4.34E-06	0.0017757	1.68664	1.68664	0.00819333	1.48796	1.48796	0.00516987	0.64812	-1.54292	0.00975159	1.46809	1.46809	9.37E-06	0.325136	-3.07564
cg11261667	CCDC105	5.85E-06	0.30334	1.17688	1.17688	0.0027848	1.87729	1.87729	0.0538711	0.715796	-1.39705	0.108338	1.30682	1.30682	2.95E-06	0.182036	-5.49342
cg02241330	CCDC105	1.38E-05	0.839475	1.03207	1.03207	0.0417992	0.694062	-1.44079	0.160092	1.26314	1.26314	0.0293535	1.491	1.491	0.593709	0.919607	-1.08742
cg18721420	CCDC105	1.75E-05	0.49446	1.15227	1.15227	0.457156	1.16729	1.16729	0.486803	1.15527	1.15527	0.976115	0.993903	-1.00613	0.203359	0.760116	-1.31559
cg11858450	CCDC105	3.68E-05	0.001944	0.376513	-2.65595	0.378031	0.817451	-1.22332	0.830284	0.953292	-1.049	0.0291418	0.563868	-1.77347	2.41E-06	0.0779126	-12.8349
cg15778873	CCDC105	0.000172504	0.0412107	0.621979	-1.60777	0.887106	1.02905	1.02905	0.233956	0.77757	-1.28606	0.0537675	1.55511	1.55511	4.83E-06	0.121653	-8.22008
cg04768697	CCDC105	0.000186925	0.166766	1.66288	1.66288	0.0881584	1.91387	1.91387	0.202628	0.628745	-1.59047	0.22705	1.54884	1.54884	0.662976	0.85961	-1.16332
cg09285808	CCDC105	0.000298795	0.970031	0.995329	-1.00469	0.00199379	0.580478	-1.72272	0.00108911	0.548458	-1.82329	0.00583321	0.637716	-1.5681	1.31E-05	0.32019	-3.12314
cg12162996	CCDC105	0.00116246	0.0269736	1.61961	1.61961	0.000183524	0.312245	-3.20262	0.00111287	0.413027	-2.42115	0.732517	0.938796	-1.06519	0.0206374	0.598598	-1.67057
cg18883976	CCDC105	0.00212736	0.451044	1.09323	1.09323	0.00466935	0.646237	-1.54742	0.110805	0.817371	-1.22343	0.300338	0.882875	-1.13266	5.63E-05	0.419519	-2.38368
cg26842596	CCDC105	0.00310487	0.0195168	2.45941	2.45941	0.0270679	2.30328	2.30328	0.0235691	2.36791	2.36791	0.139125	1.66114	1.66114	0.00934358	0.349601	-2.8604
cg05923226	CCDC105	0.00506058	0.00367072	4.00584	4.00584	0.435808	1.32431	1.32431	0.844243	1.07197	1.07197	0.00688348	3.44222	3.44222	0.520627	0.794493	-1.25866
cg14884776	CCDC105	0.00753492	0.553226	1.09966	1.09966	0.4722	1.12279	1.12279	0.546836	1.10139	1.10139	0.0241288	1.53099	1.53099	0.979627	1.00405	1.00405
cg01100521	CCDC105	0.00929155	0.110465	0.744158	-1.3438	0.107765	1.34739	1.34739	0.958583	0.991216	-1.00886	0.0025758	2.03385	2.03385	0.0102817	0.577277	-1.73227
cg25690897	CCDC105	0.00994752	0.56373	1.16664	1.16664	0.0394172	0.533011	-1.87613	0.0205703	2.08891	2.08891	0.893925	1.03586	1.03586	0.141829	0.658959	-1.51754
cg06522681	CCDC105;CCDC105	0.0067781	0.864906	0.915343	-1.09249	0.724425	0.832038	-1.20187	0.0828779	0.36877	-2.71172	0.724078	1.20216	1.20216	0.273942	0.55356	-1.80649
cg03928546	CCDC105;CCDC105	0.0359335	0.464288	0.767272	-1.30332	0.6397	1.18257	1.18257	0.354778	0.712776	-1.40297	0.881713	1.05439	1.05439	0.205375	0.621759	-1.60834
cg26776722	CCDC106	0.0139126	0.469895	0.893119	-1.11967	0.00914816	1.66361	1.66361	0.197578	0.811064	-1.23295	0.706575	1.05987	1.05987	0.0610304	0.722814	-1.38348
cg08496742	CCDC106;CCDC106	0.000289018	0.00950189	0.681941	-1.4664	6.91E-06	0.313274	-3.1921	0.466263	0.917241	-1.09023	0.941687	0.991512	-1.00856	0.0568557	0.777932	-1.28546
cg14202186	CCDC106;U2AF2;U2AF2	0.000244785	0.0015565	2.53447	2.53447	3.96E-05	4.98923	4.98923	0.0476764	1.58892	1.58892	0.00132577	2.59799	2.59799	0.00671482	0.487334	-2.05198
cg08217733	CCDC106;U2AF2;U2AF2	0.0350521	0.0434893	3.95588	3.95588	0.0294497	4.56738	4.56738	0.0634268	3.44302	3.44302	0.0669836	3.37445	3.37445	0.0272687	4.69939	4.69939
cg11326613	CCDC107	0.00253033	0.0013757	0.628546	-1.59097	0.17669	1.15452	1.15452	0.000768217	1.66477	1.66477	0.287342	0.89536	-1.11687	0.137145	0.851978	-1.17374
cg13560136	CCDC107	0.0106742	0.453985	1.18539	1.18539	0.815401	1.05353	1.05353	0.223301	1.33016	1.33016	0.000353955	0.278251	-3.59387	0.590212	0.885838	-1.12887
cg21200067	CCDC107	0.0349396	0.0213217	0.195406	-5.11754	0.0837131	0.323217	-3.0939	0.0276148	0.215058	-4.64991	0.384191	0.590678	-1.69297	0.00561111	0.116999	-8.54707
cg04335207	CCDC108	0.00314577	0.481927	0.875502	-1.1422	0.0072188	0.52469	-1.90589	0.0090481	0.539474	-1.85366	0.171202	0.762601	-1.3113	0.729963	0.937576	-1.06658
cg20925763	CCDC108	0.0185789	0.0233285	0.645493	-1.5492	0.266074	0.829308	-1.20583	0.00458202	0.54357	-1.83969	0.220924	1.23101	1.23101	0.309493	1.18514	1.18514

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27062573	0.4625	1.10337	1.10337	0.000254329	0.452635	-2.20928	0.036341	1.37717	1.37717	0.172773	1.21025	1.21025	6.79175	1.86065	0.243518	1
cg22268271	0.887229	0.974225	-1.02646	0.692974	1.07576	1.07576	0.16837	1.31015	1.31015	0.0667062	1.45988	1.45988	5.85974	3.14316	0.476799	1
cg25790850	0.435126	1.16186	1.16186	0.261785	1.24666	1.24666	0.251897	1.25296	1.25296	0.523244	1.12963	1.12963	4.83645	2.71892	0.499708	1
cg12193277	0.488619	1.4135	1.4135	0.0748236	0.376779	-2.65408	0.0271022	3.62183	3.62183	0.926804	0.955807	-1.04624	3.98584	15.2751	3.40654	1
cg07431064	0.275995	1.25888	1.25888	0.0261859	1.70899	1.70899	0.985717	1.00364	1.00364	0.00668035	0.489251	-2.04394	3.83363	2.506	0.581055	1
cg22254299	0.0214276	1.57664	1.57664	0.00176214	0.479988	-2.08338	0.210212	1.24298	1.24298	0.727993	1.0592	1.0592	46.2486	19.877	0.382032	1
cg11079426	2.59E-05	0.129127	-7.74434	0.00353195	0.378433	-2.64247	0.521482	1.1731	1.1731	0.00403334	0.387133	-2.58309	17.5443	16.7738	0.849853	1
cg14122652	0.0133228	0.531571	-1.88122	0.022504	0.569367	-1.75634	0.569364	0.888241	-1.12582	0.00583185	0.475208	-2.10434	7.43551	5.0016	0.597924	1
cg27478020	0.000530203	0.13837	-7.22699	0.00328386	0.230295	-4.34225	0.1683	0.583834	-1.71281	0.0254349	0.377737	-2.64735	6.22384	13.2434	1.89142	1
cg18595542	0.581881	0.847887	-1.1794	0.000811281	0.223439	-4.47549	0.0137339	0.404954	-2.46942	0.0517511	0.5185	-1.92864	4.81059	6.70726	1.23935	1
cg08382542	0.173017	3.7221	3.7221	0.0882646	5.50067	5.50067	0.440083	2.0415	2.0415	0.259435	2.90481	2.90481	3.75643	48.8788	11.5663	1
cg14458509	0.000488286	0.345457	-2.89472	0.151902	0.741865	-1.34796	0.454843	0.862369	-1.1596	0.0607738	0.662875	-1.50858	7.65257	4.58561	0.532644	1
cg10148694	0.151592	0.631349	-1.58391	0.0037134	0.309323	-3.23287	0.272691	0.710535	-1.40739	0.0935447	0.575743	-1.73688	5.54112	7.86341	1.26142	1
cg13888505	0.078684	1.60923	1.60923	0.166562	0.698146	-1.43237	0.250248	1.34004	1.34004	0.536633	1.16467	1.16467	3.5744	3.35984	0.835533	1
cg22201734	0.0330922	5.51473	5.51473	0.127933	0.334772	-2.98711	0.248956	0.453277	-2.20616	0.64347	0.739388	-1.35247	4.13068	26.0138	4.19847	1
cg12335056	0.00706939	0.269613	-3.70903	0.0229899	0.359141	-2.78442	0.788492	1.10655	1.10655	0.050741	0.432498	-2.31215	8.4514	18.9789	1.99614	1
cg16261572	0.449052	0.914021	-1.09407	0.0516259	0.772475	-1.29454	0.00970765	0.682998	-1.46413	0.000313331	0.506146	-1.97572	6.15625	1.32419	0.191197	1
cg08757289	0.274738	0.732095	-1.36594	0.000730627	0.244392	-4.09179	0.311412	1.33294	1.33294	0.578664	0.857323	-1.16642	5.72105	6.06504	1.06013	1
cg21123434	0.00188988	0.328103	-3.04783	0.000120173	0.182498	-5.4795	0.531723	1.17386	1.17386	0.0421356	0.552956	-1.80846	11.3826	11.5439	0.901488	1
cg25409794	0.130494	0.722279	-1.38451	0.000299717	0.309817	-3.22771	0.238166	0.781807	-1.27909	0.0335624	0.609799	-1.63988	5.58435	3.5102	0.558736	1
cg26498537	0.404184	0.746772	-1.3391	0.830828	1.07593	1.07593	0.1215	0.563102	-1.77588	0.130537	0.572013	-1.74821	5.26727	9.7625	1.64749	1
cg06858855	0.301813	0.903156	-1.10723	0.0492534	0.807582	-1.23826	0.677818	0.961	-1.04058	0.737727	1.03252	1.03252	4.69633	0.674377	0.127641	1
cg24141115	0.494005	1.06537	1.06537	0.17658	0.877241	-1.13994	0.143779	0.866581	-1.15396	0.0521231	1.22314	1.22314	31.0561	4.08844	0.117019	1
cg05799411	0.000120849	0.29632	-3.37473	1.53E-05	0.197738	-5.0572	0.44267	1.15229	1.15229	0.00439371	0.502209	-1.9912	29.2778	15.2064	0.461674	1
cg04458094	0.629621	0.969927	-1.031	0.527572	1.04104	1.04104	0.637391	1.03028	1.03028	0.039866	1.161	1.161	26.4078	1.65133	0.0555839	1
cg03947026	0.404497	1.25831	1.25831	0.000784894	0.254695	-3.92626	0.0355043	0.517169	-1.9336	0.114372	0.629641	-1.58821	6.41801	7.37607	1.02158	1
cg01978669	0.00191478	0.532007	-1.87968	0.0014938	0.518082	-1.9302	0.208367	1.20984	1.20984	0.207942	1.21008	1.21008	6.01152	1.96377	0.290371	1
cg16001451	0.558801	1.26998	1.26998	0.750828	1.13745	1.13745	0.718377	1.15766	1.15766	0.730245	1.15019	1.15019	4.75635	12.3108	2.30071	1
cg08897924	0.385295	0.766527	-1.30459	0.00876071	0.368838	-2.71122	0.0634054	1.86558	1.86558	0.480578	0.807196	-1.23886	4.08398	5.77177	1.25624	1
cg10541053	0.0775554	0.585654	-1.70749	0.59808	1.15613	1.15613	0.0834436	1.68631	1.68631	0.0277405	0.491885	-2.033	3.91093	4.60648	1.04698	1
cg25185405	0.000140493	0.484837	-2.06255	2.57E-05	0.398948	-2.50659	0.00164197	0.608623	-1.64305	0.154987	1.18251	1.18251	17.9341	3.44594	0.170796	1
cg10494397	0.313189	1.12943	1.12943	0.0613784	1.27879	1.27879	0.454381	0.914925	-1.09299	0.818298	1.02721	1.02721	8.73497	1.88326	0.191645	1
cg20816447	0.0130233	0.461332	-2.16764	0.00693564	0.415903	-2.40441	0.263008	0.746	-1.34048	0.206385	1.39748	1.39748	12.1306	12.1143	0.887694	1
cg24225360	0.0567225	0.661764	-1.51111	0.000569475	0.360013	-2.77767	0.000948993	0.389393	-2.5681	0.0077695	0.519794	-1.92384	8.37258	4.85894	0.515858	1
cg18797590	0.00952302	0.458516	-2.18095	0.0086203	0.45145	-2.21508	0.240131	1.33913	1.33913	0.272529	0.762491	-1.31149	6.32191	5.64449	0.793641	1
cg08616269	3.50E-05	0.288327	-3.46828	4.92E-05	0.305442	-3.27394	0.978776	1.00415	1.00415	0.861163	0.973141	-1.0276	18.6681	7.15186	0.340538	1
cg00588577	0.545415	0.877237	-1.13994	4.17E-05	0.188154	-5.3148	0.764616	0.937749	-1.06638	0.518981	1.1502	1.1502	8.47429	6.14855	0.644937	1
cg15947099	0.633972	1.07618	1.07618	0.000479725	0.432303	-2.31319	0.019889	0.650361	-1.53761	0.908449	1.01776	1.01776	7.88946	2.92722	0.329804	1
cg03153178	0.413101	0.867371	-1.15291	0.000751512	0.419256	-2.38518	0.00238505	0.486744	-2.05447	0.891658	0.977092	-1.02344	7.84031	3.59067	0.407089	1
cg14623805	0.0242337	0.750246	-1.3329	0.884777	1.01563	1.01563	0.0389094	1.29141	1.29141	0.00557899	1.47605	1.47605	6.66766	1.20825	0.161076	1
cg12580870	0.00435568	0.169275	-5.90754	0.0603782	0.372484	-2.68468	0.736987	1.1702	1.1702	0.0609666	2.67715	2.67715	3.95057	10.581	3.06097	1
cg10026583	0.284447	1.24707	1.24707	0.00218491	2.34765	2.34765	0.201319	1.3073	1.3073	0.156954	1.35066	1.35066	3.79743	2.37149	0.555112	1
cg12823012	0.746485	1.18242	1.18242	0.771761	1.16213	1.16213	0.662371	1.25479	1.25479	0.731054	1.19512	1.19512	3.70314	15.6517	3.75699	1
cg07519218	0.117863	1.3873	1.3873	0.0652761	1.49022	1.49022	0.64902	0.915459	-1.09235	0.0499669	0.649898	-1.5387	7.49862	4.41335	0.52316	1
cg27037551	0.89984	1.02949	1.02949	0.10171	0.661269	-1.51224	1.33E-06	17.4069	17.4069	0.168649	1.40299	1.40299	28.8856	24.3795	0.750223	1
cg15215560	0.535699	1.10769	1.10769	0.0177404	0.62487	-1.60033	1.01E-06	8.11481	8.11481	0.493026	0.892673	-1.12023	23.2516	9.79393	0.374414	1
cg26965275	0.43177	1.20082	1.20082	0.000604473	0.299364	-3.34042	0.00957443	2.11327	2.11327	0.0232054	1.85694	1.85694	14.8723	12.2531	0.732345	1
cg17298666	0.847354	1.04118	1.04118	0.276456	1.26753	1.26753	2.82E-05	5.612	5.612	0.0168911	1.84109	1.84109	9.09008	6.31405	0.61743	1
cg26685743	0.557532	0.838675	-1.19236	0.00221141	0.280241	-3.56835	0.414045	0.780629	-1.28102	0.000885494	0.228202	-4.38209	7.49886	10.4479	1.23846	1
cg01281285	0.655642	0.902062	-1.10857	0.00397383	2.43353	2.43353	0.000122365	4.66299	4.66299	0.0984523	1.51612	1.51612	7.00311	5.84909	0.742412	1
cg16443424	0.314307	1.42528	1.42528	0.87796	0.949016	-1.05372	0.000396838	6.82386	6.82386	0.076225	1.95776	1.95776	5.90402	9.63923	1.63266	1
cg07126263	0.00717695	0.120126	-8.32462	0.637245	1.33644	1.33644	0.00093453	20.4029	20.4029	0.989071	0.991672	-1.0084	5.16036	30.4674	5.24812	1
cg17112707	0.0306898	0.183447	-5.45117	0.00425462	0.0776553	-12.8774	0.0106483	0.11705	-8.54334	0.0451797	0.215432	-4.64184	5.13818	36.3145	6.28229	1
cg23903160	0.0863454	0.462301	-2.16309	0.00267919	0.184492	-5.42029	0.163217	0.545514	-1.83313	0.168598	0.550254	-1.81734	3.99944	10.5034	2.33443	1
cg26068292	0.55731	0.838677	-1.19235	0.0383206	0.490903	-2.03706	0.103252	0.589626	-1.69599	0.0515419	0.518437	-1.92888	3.7204	5.17739	1.237	1
cg13643894	0.583746	0.904891	-1.10511	0.00355871	0.489992	-2.04085	0.0235191	1.63004	1.63004	0.249144	1.24304	1.24304	3.70573	1.9146	0.459253	1
cg01511828	0.40193	0.545389	-1.83355	0.0306334	6.01869	6.01869	0.338455	2.00838	2.00838	0.0118829	9.19909	9.19909	3.54973	28.0785	7.03114	1
cg02774186	0.105249	0.77432	-1.29146	0.0141432	0.645626	-1.54888	0.0199237	1.50083	1.50083	0.199157	1.21658	1.21658	4.02118	1.32982	0.29396	1
cg14112570	0.0460348	0.504226	-1.98324	0.00672047	0.34902	-2.86516	0.382565	1.30758	1.30758	0.513186	0.819878	-1.21969	3.39774	4.82651	1.26267	1
cg27044148	0.130589	0.48981	-2.04161	0.867173	0.929434	-1.07592	0.682264	1.19715	1.19715	0.0540785	0.384497	-2.6008	3.77047	11.4128	2.69057	1
cg11309454	0.015733	0.56032	-1.78469	3.30E-05	0.206445	-4.84391	0.161085	1.34037	1.34037	0.00239504	0.436888	-2.28892	11.7565	7.13171	0.539218	1
cg14669130	0.00258378	1.73164	1.73164	0.0193466	1.45039	1.45039	0.350415	1.13469	1.13469	0.503433	0.914601	-1.09337	8.74031	2.39246	0.243313	1
cg23627354	0.0432256	0.326597	-3.06187	0.0143326	0.233884	-4.27562	0.107448	0.429368	-2.329	0.0366748	0.310933	-3.21613	4.41411	16.1882	3.25989	1
cg03119028	0.335925	0.71196	-1.40457	0.0494441	0.4641	-2.15471	0.768446	1.10637	1.10637	0.501438	1.26316	1.26316	4.32491	8.03026	1.65044	1
cg08867629	0.33271	0.854634	-1.17009	0.0261447	1.51409	1.51409	0.836767	1.03296	1.03296	0.165197	0.792384	-1.26201	10.1656	3.97856	0.347888	1
cg13264770	0.0914993	1.44626	1.44626	4.05E-05	0.211012	-4.73907	0.171992	0.749247	-1.33467	1.11E-05	0.156269	-6.39923	21.7767	13.5979	0.555043	1
cg26158023	0.117332	0.653755	-1.52963	0.00246759	0.3493	-2.86287	0.00555867	0.402468	-2.48467	0.00860084	0.432882	-2.3101	6.60116	6.52697	0.878898	1
cg08078851	0.0540647	0.676647	-1.47788	0.0105681	0.562966	-1.77631	0.19206	0.781388	-1.27977	0.0651766	0.690839	-1.44751	6.19671	3.13199	0.44927	1
cg19846529	0.0214243	1.45538	1.45538	0.00165865	1.84239	1.84239	0.0712515	0.760669	-1.31463	0.543427	1.08709	1.08709	5.33581	1.55782	0.259516	1
cg09405227	0.987942	0.996698	-1.00331	0.00130688	0.359047	-2.78515	0.0226202	1.81745	1.81745	0.778955	1.06352	1.06352	4.94903	3.75456	0.674352	1
cg13702846	0.125183	0.598529	-1.67076	0.0718721	0.537175	-1.86159	0.191341	0.651925	-1.53392	0.026677	0.443891	-2.2528	4.77242	7.22905	1.34645	1
cg03628061	0.818162	0.961804	-1.03971	0.16494	1.28469	1.28469	0.956455	1.00928	1.00928	0.0281031	0.644934	-1.55055	4.48465	2.03127	0.402612	1
cg02377083	0.142763	0.765225	-1.30681	0.38611	1.16291	1.16291	0.143192	0.765477	-1.30638	0.0135054	0.594893	-1.68098	5.71343	2.61106	0.406225	1
cg04802657	0.0044708	0.669883	-1.4928	0.000551782	0.567373	-1.76251	0.0010842	1.66483	1.66483	0.137579	1.18411	1.18411	15.0729	2.66594	0.157218	1
cg08604596	0.0241609	0.558995	-1.78892	0.000491842	0.307001	-3.25732	0.0161061	0.528822	-1.891	0.00715928	0.471758	-2.11973	14.7073	10.9028	0.658954	1
cg27457698	0.0378701	2.52955	2.52955	0.08805	0.48404	-2.06594	0.88129	1.05929	1.05929	0.580832	0.806565	-1.23983	9.8213	23.1103	2.09162	1
cg00240767	0.023628	0.366568	-2.72801	0.0115954	0.30974	-3.22851	0.999677	0.99985	-1.00015	0.0184567	0.345951	-2.89058	7.76335	16.9578	1.94163	1
cg05461818	0.00023499	0.344317	-2.9043	0.560141	1.10851	1.10851	0.0504997	1.47657	1.47657	0.0316764	1.55337	1.55337	7.47115	3.61758	0.430406	1
cg26871973	0.911287	1.01421	1.01421	0.00854143	0.65384	-1.52943	0.0341475	1.36754	1.36754	0.799987	0.968364	-1.03267	6.98318	1.77324	0.225716	1
cg16417911	0.00574933	0.419633	-2.38304	0.0144384	0.485192	-2.06104	0.137806	1.46722	1.46722	0.194917	1.38946	1.38946	5.33634	4.86401	0.810212	1
cg05302211	0.953316	1.02396	1.02396	0.0129765	0.287351	-3.48007	0.285205	1.56669	1.56669	0.937953	0.969002	-1.03199	5.21933	13.5229	2.30305	1
cg08186584	0.887061	0.965677	-1.03554	0.149311	0.683849	-1.46231	0.126326	0.665992	-1.50152	0.946944	0.983777	-1.01649	5.19033	4.96537	0.850362	1
cg03825855	0.164751	0.603743	-1.65633	0.124083	0.567231	-1.76295	0.132904	0.575792	-1.73674	0.022145	0.39301	-2.54446	4.89103	8.97913	1.63186	1
cg07298257	0.208048	0.641083	-1.55986	0.0310045	0.428204	-2.33534	0.0509939	2.10545	2.10545	0.36742	0.733364	-1.36358	4.01185	7.12824	1.57937	1
cg07162060	0.00867386	0.623018	-1.60509	0.015426	0.656782	-1.52258	0.916107	0.985207	-1.01501	0.695155	1.05728	1.05728	3.55311	1.12576	0.281633	1
cg09277532	0.000129699	0.429886	-2.3262	5.89E-07	0.174167	-5.74162	1.13E-05	0.305979	-3.2682	0.00141589	0.556242	-1.79778	49.1186	12.5426	0.226982	1
cg00348900	0.0760963	1.40912	1.40912	0.00049228	2.58135	2.58135	0.048601	1.47909	1.47909	0.00122168	2.27541	2.27541	39.9633	19.11	0.425057	1
cg02102533	0.132045	1.95273	1.95273	7.10E-05	19.732	19.732	0.0721165	0.437618	-2.2851	0.027887	2.91474	2.91474	16.6907	44.8059	2.38622	1
cg03057173	0.000869547	0.318296	-3.14173	0.0129483	2.02753	2.02753	0.224583	0.746538	-1.33952	0.447366	0.837402	-1.19417	10.4762	8.71184	0.739188	1
cg05004142	0.288522	1.77766	1.77766	0.000344575	20.2403	20.2403	0.443593	0.665086	-1.50356	0.154274	2.21719	2.21719	10.4011	44.9083	3.83791	1
cg03755052	0.164399	2.14228	2.14228	0.00872559	5.56264	5.56264	0.0177654	0.227574	-4.39417	0.0651941	2.89548	2.89548	8.69309	36.3117	3.71296	1
cg08096786	0.0336251	0.492222	-2.0316	0.247833	0.708158	-1.41211	0.67385	0.886117	-1.12852	0.250599	0.709711	-1.40902	8.12798	8.16826	1.14852	1
cg04276536	0.0394626	0.605611	-1.65123	0.0933165	0.677977	-1.47498	0.00461489	0.452201	-2.21141	0.0106928	0.508892	-1.96505	6.16327	4.32688	0.624038	1
cg08851837	0.899651	1.02749	1.02749	0.673448	1.0954	1.0954	0.000969016	0.347967	-2.87384	0.352501	0.814106	-1.22834	5.3121	3.88772	0.650544	1
cg23127291	0.0791203	2.39729	2.39729	0.0449044	2.80777	2.80777	0.14205	0.492642	-2.02987	0.0783776	2.40364	2.40364	4.75548	15.151	2.832	1
cg07241532	0.359525	0.698343	-1.43196	0.00278707	0.207817	-4.81193	0.0245514	0.360334	-2.77521	0.0736448	0.467653	-2.13834	4.68927	10.7874	2.04484	1
cg10053355	0.360758	1.25645	1.25645	0.0185826	0.499847	-2.00061	0.0318522	1.84266	1.84266	0.351831	1.26215	1.26215	4.0177	3.75696	0.831202	1
cg07020416	0.314945	0.666889	-1.4995	0.0661185	0.447673	-2.23377	0.00185089	0.178531	-5.60127	0.904857	1.04772	1.04772	3.64546	8.77608	2.13991	1
cg19283806	0.244534	0.535915	-1.86597	0.000120257	0.031941	-31.3078	0.956199	0.97225	-1.02854	0.00829318	0.177408	-5.63672	9.18744	38.2007	3.69593	1
cg19248673	0.00304317	0.381935	-2.61825	0.325872	0.786239	-1.27188	0.323816	1.27327	1.27327	0.0171279	0.502147	-1.99145	4.00202	3.56254	0.791277	1
cg23801782	0.204126	1.41602	1.41602	2.42E-05	0.112695	-8.87353	0.412486	0.804541	-1.24295	0.00541111	0.386665	-2.58622	13.6904	14.6076	0.948441	1
cg25611570	0.00223285	0.39538	-2.52921	9.24E-05	0.220376	-4.5377	0.704523	0.920754	-1.08607	0.00115827	0.355511	-2.81286	13.4264	9.98571	0.661101	1
cg15081561	0.481083	0.845781	-1.18234	0.424777	1.21002	1.21002	0.423836	0.826099	-1.21051	0.0902473	0.646206	-1.54749	12.6134	10.927	0.770043	1
cg22227582	0.00168261	0.30241	-3.30677	0.000562715	0.240702	-4.15451	0.0586611	1.76635	1.76635	0.00192067	0.3104	-3.22165	9.54186	10.7222	0.998843	1
cg03686067	0.400632	0.840455	-1.18983	0.162854	1.35116	1.35116	0.182795	1.33057	1.33057	0.0979708	0.692992	-1.44302	4.11339	2.659	0.574601	1
cg22224628	0.754615	0.950403	-1.05218	0.0914326	0.739663	-1.35197	0.277745	0.832664	-1.20096	0.522124	1.11099	1.11099	8.08682	3.37115	0.370551	1
cg06923616	0.0557137	0.350918	-2.84967	0.00097493	0.0934906	-10.6963	0.00731377	0.188138	-5.31524	0.0172551	0.246275	-4.0605	7.34826	27.1566	3.28502	1
cg18556345	0.551097	0.888241	-1.12582	0.000224736	0.299355	-3.34051	0.0351551	0.617418	-1.61965	0.873417	1.03183	1.03183	6.26475	3.83125	0.543605	1
cg14309500	0.61613	1.10174	1.10174	0.000696039	0.370968	-2.69565	0.299339	1.22897	1.22897	0.23766	1.26758	1.26758	4.4824	2.6082	0.517224	1
cg15552529	0.0952924	0.913473	-1.09472	0.0299177	0.88149	-1.13444	0.00545295	1.19783	1.19783	0.718322	1.01805	1.01805	3.80278	0.14686	0.034328	1
cg06635623	0.0399522	0.857564	-1.16609	0.051202	0.866158	-1.15452	0.165144	0.908632	-1.10056	0.00894969	1.24007	1.24007	9.35352	0.620415	0.0589597	1
cg15275100	0.180195	0.850872	-1.17526	0.321546	0.890289	-1.12323	0.619303	1.05848	1.05848	0.131877	1.20267	1.20267	8.65252	1.76451	0.181271	1
cg14559369	0.049347	0.682239	-1.46576	0.0194479	0.617823	-1.61859	0.136007	0.760452	-1.31501	0.278574	0.82527	-1.21172	4.27985	1.96951	0.40905	1
cg08264638	0.885208	0.984883	-1.01535	0.000256196	0.530024	-1.88671	0.381867	0.909764	-1.09919	0.374637	0.908382	-1.10086	5.7853	1.01879	0.156533	1
cg19631576	0.471943	1.08975	1.08975	2.15E-07	0.158569	-6.30641	0.00465915	0.64273	-1.55586	0.0437352	0.761613	-1.313	50.3356	11.0007	0.194264	1
cg11261667	3.70E-05	0.297582	-3.36041	1.67E-05	3.86204	3.86204	5.46E-05	3.15292	3.15292	0.0195723	1.53871	1.53871	46.6139	17.2284	0.32853	1
cg02241330	0.611087	1.08309	1.08309	0.0902518	0.747831	-1.3372	1.26E-07	13.6289	13.6289	0.15696	1.26568	1.26568	37.2858	14.3059	0.34105	1
cg18721420	0.0259827	0.582834	-1.71575	0.0111802	0.522298	-1.91462	1.92E-07	25.7585	25.7585	0.94514	1.01416	1.01416	35.0535	23.1675	0.587482	1
cg11858450	0.000564192	0.303899	-3.29057	0.00134448	2.82404	2.82404	0.000902616	3.02464	3.02464	0.117759	0.684844	-1.46019	28.8738	22.7108	0.69916	1
cg15778873	0.00787621	1.98848	1.98848	0.0513057	0.639278	-1.56426	0.294666	1.245	1.245	0.0028332	0.436571	-2.29058	19.1217	12.3113	0.572304	1
cg04768697	0.201432	0.627885	-1.59265	0.195538	0.623599	-1.60359	2.02E-06	57.0198	57.0198	0.841906	1.07132	1.07132	18.7108	35.267	1.67542	1
cg09285808	0.0176176	0.697777	-1.43312	0.193108	0.842291	-1.18724	0.809287	0.970318	-1.03059	0.000309792	0.482215	-2.07376	16.4683	4.05036	0.218622	1
cg12162996	0.97832	1.00502	1.00502	0.268853	1.23615	1.23615	0.0468018	0.657695	-1.52046	0.0026265	0.464542	-2.15266	11.2735	6.05097	0.477104	1
cg18883976	0.60251	1.06289	1.06289	0.103778	1.22934	1.22934	0.390536	0.902921	-1.10752	0.6673	1.05148	1.05148	9.4698	2.02057	0.189662	1
cg26842596	0.144573	1.64806	1.64806	0.000740086	0.195225	-5.1223	0.448328	1.27934	1.27934	0.661677	0.869028	-1.15071	8.47121	13.6359	1.43083	1
cg05923226	0.976239	0.989533	-1.01058	0.717576	0.879562	-1.13693	0.000247365	8.48313	8.48313	0.124713	1.79899	1.79899	7.31165	14.4543	1.75724	1
cg14884776	0.816119	0.963779	-1.03758	0.708017	1.0614	1.0614	9.34E-05	3.01503	3.01503	0.332989	1.17136	1.17136	6.46459	2.56835	0.353151	1
cg01100521	0.783818	0.954354	-1.04783	0.952668	1.01014	1.01014	0.00835289	1.77284	1.77284	0.314427	0.837998	-1.19332	6.05078	2.76594	0.406331	1
cg25690897	0.00912715	0.417035	-2.39788	0.00747507	0.402763	-2.48285	0.025611	2.01423	2.01423	0.953252	1.0156	1.0156	5.92057	6.53867	0.981688	1
cg06522681	0.685945	0.809633	-1.23513	0.0437668	0.299992	-3.33342	0.000183255	26.7139	26.7139	0.823051	0.890166	-1.12339	6.68183	28.557	3.79896	1
cg03928546	0.536036	0.80021	-1.24967	0.108561	0.536565	-1.86371	0.00132754	5.26112	5.26112	0.512103	0.789399	-1.26679	3.83041	7.67432	1.78091	1
cg26776722	0.00473151	0.561619	-1.78057	0.0840568	1.34165	1.34165	0.24628	0.82992	-1.20494	0.0473426	0.705494	-1.41745	5.3108	1.98835	0.332797	1
cg08496742	0.046177	1.30495	1.30495	0.0268249	0.736695	-1.35741	0.0595878	1.2811	1.2811	0.0934099	1.23986	1.23986	16.6188	3.57308	0.191113	1
cg14202186	0.0010176	2.70833	2.70833	0.901668	1.0256	1.0256	0.00188346	2.4621	2.4621	0.00477769	2.15095	2.15095	17.3895	11.515	0.588606	1
cg08217733	0.455446	1.56876	1.56876	0.00469178	9.26331	9.26331	0.0290183	4.59239	4.59239	0.0449069	3.90948	3.90948	3.86505	21.4771	4.93932	1
cg11326613	0.207499	0.875481	-1.14223	0.0178111	0.749596	-1.33405	0.145639	0.855291	-1.16919	0.0781461	1.2163	1.2163	9.00004	1.42683	0.140921	1
cg13560136	0.398419	1.21261	1.21261	0.03376	0.57535	-1.73807	0.1476	0.70721	-1.41401	0.276773	1.28689	1.28689	5.78825	4.55757	0.699895	1
cg21200067	0.413432	0.610567	-1.63782	0.0136361	0.165222	-6.05244	0.0532604	0.273713	-3.65347	0.892291	1.08322	1.08322	3.86955	21.3377	4.90155	1
cg04335207	0.00148555	0.426318	-2.34567	0.00316756	2.11689	2.11689	0.199157	1.28707	1.28707	0.0355988	0.634425	-1.57623	8.43829	4.62463	0.487159	1
cg20925763	0.542259	0.905172	-1.10476	0.0151802	1.61884	1.61884	0.220515	1.23125	1.23125	0.558485	0.90886	-1.10028	4.82343	1.99269	0.367224	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27139836	CCDC108	0.0272016	0.222005	0.454412	-2.20065	0.0553144	0.263167	-3.79987	0.134322	0.370769	-2.6971	0.0591654	0.270018	-3.70346	0.040623	0.23392	-4.27497
cg26322308	CCDC108	0.0456958	0.00657826	0.498475	-2.00612	0.116869	1.39943	1.39943	0.534074	1.13228	1.13228	0.0684961	1.49529	1.49529	0.0755934	1.47726	1.47726
cg13480357	CCDC108;CCDC108	9.73E-06	0.910654	0.979115	-1.02133	0.11685	0.725908	-1.37759	8.48E-06	6.18886	6.18886	1.83E-06	9.32161	9.32161	0.000388964	0.345231	-2.89661
cg00336164	CCDC108;CCDC108	2.03E-05	0.174366	0.794189	-1.25915	0.00021057	0.372208	-2.68667	4.02E-05	3.49288	3.49288	8.04E-06	4.7451	4.7451	0.37621	0.86517	-1.15584
cg12747469	CCDC108;CCDC108	0.000152774	0.0443704	0.509563	-1.96247	0.000355433	0.187497	-5.33342	0.0349442	0.487948	-2.0494	0.326783	0.744106	-1.34389	0.00125197	0.252599	-3.95885
cg06457713	CCDC108;CCDC108	0.000538632	0.946047	0.989216	-1.0109	0.397638	1.14884	1.14884	2.60E-05	3.79807	3.79807	0.6089	1.08619	1.08619	0.129082	1.30052	1.30052
cg05231542	CCDC108;CCDC108	0.000916645	0.0145573	0.274155	-3.64758	0.000742291	0.110536	-9.04681	0.0291703	0.331127	-3.01999	0.0475129	0.377298	-2.65042	0.000233318	0.0724519	-13.8023
cg24521848	CCDC108;CCDC108	0.00158207	0.0748946	1.89474	1.89474	0.0149224	2.62325	2.62325	0.0126679	2.71367	2.71367	0.0731946	1.90351	1.90351	0.535438	0.816941	-1.22408
cg23129170	CCDC108;CCDC108	0.00209274	5.28E-05	0.399945	-2.50034	0.841926	0.976057	-1.02453	0.627346	0.942353	-1.06117	0.848338	1.02351	1.02351	0.0311482	1.35932	1.35932
cg25306859	CCDC108;CCDC108	0.0125395	0.126876	0.452784	-2.20856	0.00816918	0.197029	-5.07539	0.0575784	0.356826	-2.80249	0.645334	0.800596	-1.24907	0.00641259	0.182361	-5.48363
cg04998209	CCDC108;CCDC108	0.045945	0.681543	0.942544	-1.06096	0.479617	0.902073	-1.10856	0.0796778	1.32172	1.32172	0.931264	1.01245	1.01245	0.0688807	1.33906	1.33906
cg17277952	CCDC109A	0.00190034	0.0260479	1.58419	1.58419	0.00350382	0.501625	-1.99352	0.0127479	0.583288	-1.71442	0.0825846	1.39781	1.39781	0.041175	0.663423	-1.50733
cg18708233	CCDC109A	0.00447201	0.0138326	0.236291	-4.23207	0.0412728	0.327443	-3.05396	0.716213	0.841024	-1.18903	0.0409405	3.06125	3.06125	0.00267315	0.139581	-7.1643
cg23879147	CCDC109A	0.00698113	0.0662351	0.775339	-1.28976	0.000583631	1.9283	1.9283	0.00479652	1.58768	1.58768	0.632164	1.06137	1.06137	0.261242	1.15569	1.15569
cg13673798	CCDC109A	0.00726673	0.170588	1.2739	1.2739	0.00595636	1.81579	1.81579	0.00340573	1.93541	1.93541	0.211261	1.24419	1.24419	0.00806601	1.75582	1.75582
cg14886145	CCDC109A	0.00921052	0.0575704	0.798561	-1.25225	0.963218	0.995181	-1.00484	0.0498034	1.26412	1.26412	0.0654067	0.805227	-1.24189	0.20077	0.868019	-1.15205
cg03717584	CCDC109A	0.0116484	0.0200195	0.331632	-3.01539	0.200398	0.587507	-1.70211	0.199814	0.587056	-1.70341	0.0351154	0.380879	-2.6255	0.0256186	0.3525	-2.83688
cg14813501	CCDC109A	0.0167874	0.204822	0.662607	-1.50919	0.049	0.500856	-1.99658	0.321349	0.729653	-1.37052	0.461732	0.794142	-1.25922	0.000241221	0.154335	-6.4794
cg03373080	CCDC109A	0.0189928	0.909794	0.982838	-1.01746	0.000384357	2.37614	2.37614	0.272083	1.19078	1.19078	0.750172	1.05	1.05	0.529858	0.907371	-1.10208
cg27268640	CCDC109A	0.043686	0.440485	0.804226	-1.24343	0.86842	1.04699	1.04699	0.65174	0.881757	-1.1341	0.720762	1.10452	1.10452	0.00246024	0.311452	-3.21077
cg27592794	CCDC109A	0.0462554	0.0714158	0.37004	-2.70241	0.790551	0.876835	-1.14047	0.281076	1.73878	1.73878	0.621011	0.781856	-1.27901	0.0842893	0.389459	-2.56767
ch.10.1562909F	CCDC109A	0.047784	0.00144132	0.0793925	-12.5957	0.445577	0.652017	-1.5337	0.94825	0.964929	-1.03635	0.729481	0.826181	-1.21039	0.158199	0.436147	-2.2928
cg03591709	CCDC109B	0.000816393	0.162321	0.787029	-1.2706	0.988184	1.00238	1.00238	0.10237	1.33237	1.33237	0.0527066	0.702193	-1.42411	0.442395	1.13398	1.13398
cg12309813	CCDC109B	0.00287677	0.0107344	0.250831	-3.98676	0.000586627	0.101093	-9.89187	0.00307717	0.174136	-5.74264	0.320479	0.642225	-1.55709	0.00300676	0.172908	-5.78341
cg02105485	CCDC109B	0.00816812	0.046035	2.10603	2.10603	0.771965	0.909681	-1.09929	0.0623065	0.504818	-1.98091	0.00877602	0.337125	-2.96626	0.829528	1.07277	1.07277
cg01024705	CCDC109B;CCDC109B	0.00691723	0.111312	0.750871	-1.33179	0.147148	0.773384	-1.29302	0.824147	1.03745	1.03745	0.0191504	0.626081	-1.59724	0.000162264	0.34531	-2.89595
cg06565620	CCDC11	0.000175051	0.397401	0.735717	-1.35922	0.0644588	0.479162	-2.08698	0.224229	0.63623	-1.57176	0.72892	0.884066	-1.13114	0.387042	0.730492	-1.36894
cg18234979	CCDC11	0.00258433	0.952669	0.978252	-1.02223	3.92E-05	0.0541431	-18.4696	0.495122	0.773675	-1.29253	0.909789	1.04288	1.04288	0.0642252	0.462867	-2.16045
cg20851317	CCDC11	0.00525847	0.00347296	0.290386	-3.44369	0.25934	1.44314	1.44314	0.0125166	0.379698	-2.63367	0.415678	1.29607	1.29607	0.00686288	0.335782	-2.97812
cg20177086	CCDC11	0.0132592	0.654903	0.934148	-1.07049	0.00430631	0.56103	-1.78244	0.11315	0.770232	-1.29831	0.101395	0.762172	-1.31204	0.00250052	0.529422	-1.88885
cg08633810	CCDC11	0.0256751	0.108991	0.701751	-1.42501	0.0340667	0.605795	-1.65072	0.89812	0.974378	-1.0263	0.136991	0.722825	-1.38346	0.0684539	0.661448	-1.51183
cg23708717	CCDC11	0.0292402	0.0101028	0.183045	-5.46313	0.171809	0.467181	-2.1405	0.316724	0.581854	-1.71865	0.094924	2.6121	2.6121	0.568512	0.739675	-1.35195
cg26444623	CCDC11	0.0308001	0.0711892	0.398488	-2.50949	0.0179222	0.268914	-3.71865	0.406989	1.47293	1.47293	?	?	?	?	?	?
cg02545106	CCDC110;CCDC110	5.14E-05	0.0056074	0.784434	-1.2748	0.0802389	1.13833	1.13833	0.712364	1.02503	1.02503	0.0171095	0.823632	-1.21413	1.12E-06	0.429535	-2.3281
cg08967837	CCDC110;CCDC110	0.000382788	0.236184	1.16574	1.16574	0.348702	0.887637	-1.12659	0.118411	1.23298	1.23298	6.77E-05	0.406156	-2.46211	0.00202715	0.584074	-1.71211
cg14763906	CCDC110;CCDC110	0.000509883	0.185854	1.2524	1.2524	0.393481	0.869145	-1.15056	0.0361028	1.47856	1.47856	0.00519554	1.80723	1.80723	0.552031	1.10135	1.10135
cg18456755	CCDC110;CCDC110	0.00234022	0.0128965	0.378719	-2.64048	0.00873058	0.349645	-2.86005	0.0129532	0.379055	-2.63814	0.00474118	0.307362	-3.25349	7.71E-05	0.105169	-9.50853
cg22153696	CCDC110;CCDC110	0.00460405	0.0833916	0.604333	-1.65472	0.0475159	1.81422	1.81422	0.448102	0.816147	-1.22527	0.766932	1.08124	1.08124	0.00035489	0.22156	-4.51345
cg26539468	CCDC111	0.0023291	0.0612486	0.6588	-1.51791	0.0443681	1.57927	1.57927	0.00540157	0.484493	-2.06401	0.0153799	0.555133	-1.80137	0.000273766	0.307375	-3.25336
cg19709928	CCDC111	0.0140333	0.593152	1.05821	1.05821	0.0133621	0.725056	-1.3792	0.102485	0.829053	-1.2062	0.311998	0.896072	-1.11598	0.0953274	1.21199	1.21199
cg02046725	CCDC111;CASP3;CASP3	0.00209713	0.419712	0.891984	-1.1211	0.0385033	0.71721	-1.39429	0.0718885	1.32125	1.32125	0.0360558	1.40221	1.40221	0.000315821	0.445235	-2.246
cg16346810	CCDC111;CASP3;CASP3;CCDC111	0.0489214	0.153451	0.543694	-1.83927	0.480748	1.33076	1.33076	0.0524657	2.40887	2.40887	0.387999	0.702758	-1.42296	0.302961	0.653507	-1.5302
cg13330050	CCDC112;CCDC112	0.000134831	0.000836997	0.254654	-3.9269	0.0109563	2.38426	2.38426	0.0669485	0.571839	-1.74874	0.0438391	1.87854	1.87854	1.06E-05	0.0773678	-12.9253
cg16113530	CCDC112;CCDC112	0.000157663	0.699621	1.02797	1.02797	0.0635119	1.16005	1.16005	0.0637913	1.15983	1.15983	0.00566096	0.772351	-1.29475	0.0780124	0.869931	-1.14952
cg15658426	CCDC112;CCDC112	0.000857242	0.117553	0.550798	-1.81555	6.46E-05	0.0760869	-13.1429	0.146128	1.72874	1.72874	0.161311	1.69019	1.69019	0.0337493	0.419001	-2.38663
cg12882476	CCDC112;CCDC112	0.0112329	0.0146805	0.708938	-1.41056	0.00779318	0.676254	-1.47873	0.331062	0.891508	-1.12169	0.784295	1.03192	1.03192	0.173676	0.847257	-1.18028
cg25267732	CCDC112;CCDC112	0.0290737	0.374844	1.21439	1.21439	0.0136263	1.9171	1.9171	0.0713464	1.53648	1.53648	0.319466	1.24533	1.24533	0.593629	0.891495	-1.12171
cg08244052	CCDC112;CCDC112	0.030111	0.0334941	0.82514	-1.21192	0.0732061	0.856769	-1.16718	0.129939	1.13493	1.13493	0.996347	1.00035	1.00035	0.189481	1.11354	1.11354
cg00595022	CCDC112;CCDC112	0.0409857	0.760135	1.11527	1.11527	0.380061	1.37976	1.37976	0.282688	0.670405	-1.49164	0.273929	1.50367	1.50367	0.00609612	0.264104	-3.78639
cg01224313	CCDC113;CCDC113	5.79E-05	0.157966	0.779805	-1.28237	0.44474	1.13696	1.13696	1.59E-05	0.230466	-4.33903	0.830871	0.965374	-1.03587	0.000117398	0.329165	-3.03799
cg08239869	CCDC113;CCDC113	0.000681801	0.00062574	0.260844	-3.83371	0.0991585	0.630121	-1.587	0.393945	1.24994	1.24994	0.0045962	0.381449	-2.62158	0.0015274	0.31173	-3.20791
cg08638917	CCDC113;CCDC113	0.000863965	0.220803	0.798988	-1.25158	0.125586	1.33509	1.33509	0.000446103	0.380652	-2.62707	3.66E-05	0.250215	-3.99656	0.16817	0.774105	-1.29181
cg04000927	CCDC113;CCDC113	0.00101924	0.0309976	0.724702	-1.37988	0.0418131	1.34758	1.34758	0.000517531	0.502256	-1.99102	0.0931079	0.790657	-1.26477	0.0665404	1.29902	1.29902
cg17170504	CCDC113;CCDC113	0.00156682	0.0935522	0.688786	-1.45183	0.0296853	0.596089	-1.6776	0.00170537	0.404297	-2.47343	0.332542	0.817037	-1.22393	4.13E-05	0.206073	-4.85265
cg02010772	CCDC113;CCDC113	0.0462106	0.130072	1.27118	1.27118	0.225238	1.20551	1.20551	0.0463069	1.39789	1.39789	0.00586871	1.69745	1.69745	0.568304	0.918861	-1.0883
cg15272690	CCDC113;CCDC113	0.0484314	0.675375	0.936014	-1.06836	0.217156	0.815577	-1.22613	0.355224	1.16104	1.16104	0.862463	0.973144	-1.0276	0.372098	0.865999	-1.15474
cg03051979	CCDC113;CCDC113;CCDC113;CCDC113	0.00339083	0.210296	0.908196	-1.10108	0.111159	1.13495	1.13495	0.289712	1.08346	1.08346	0.175802	1.11071	1.11071	0.148864	0.893215	-1.11955
cg02744588	CCDC114	6.75E-05	0.277115	1.16624	1.16624	0.000166738	2.39243	2.39243	0.0003361	2.19602	2.19602	0.00377556	1.70188	1.70188	0.471571	0.90517	-1.10477
cg23184087	CCDC114	0.000184015	0.0583583	1.28048	1.28048	0.00101063	0.569045	-1.75733	0.00151917	0.589915	-1.69516	0.00139093	0.5854	-1.70823	1.39E-05	0.350681	-2.8516
cg03113824	CCDC114	0.0138055	0.10278	0.747742	-1.33736	0.0249396	1.54428	1.54428	0.00366658	0.527393	-1.89612	0.0940713	0.740975	-1.34957	0.7005	0.938998	-1.06496
cg07791834	CCDC114	0.0160599	0.00108056	0.315058	-3.17402	0.0207211	0.513492	-1.94745	0.0174162	0.500147	-1.99941	0.636327	1.12074	1.12074	0.0362989	0.558486	-1.79055
cg13568258	CCDC114	0.0344346	0.282608	0.556411	-1.79723	0.396471	1.57765	1.57765	0.0394133	3.49444	3.49444	0.106377	2.52402	2.52402	0.258947	0.538791	-1.85601
cg07925085	CCDC114	0.0467624	0.874745	0.829598	-1.2054	0.0274558	21.9483	21.9483	0.0328075	19.2405	19.2405	0.0865416	9.41282	9.41282	0.576991	0.513085	-1.94899
cg25533551	CCDC114;CCDC114	0.000897978	0.0040128	0.603312	-1.65752	0.256603	0.856609	-1.16739	0.0122634	0.66513	-1.50346	0.311564	1.14665	1.14665	1.80E-05	0.318338	-3.14131
cg22262140	CCDC116	0.000122214	0.00101359	0.539085	-1.85499	1.40E-05	0.317217	-3.15241	0.00574714	0.632072	-1.5821	0.00463306	0.620423	-1.6118	0.000158443	0.441064	-2.26724
cg24144883	CCDC116	0.000339401	0.00163721	0.476766	-2.09746	0.000172181	0.350614	-2.85214	0.0211953	0.634429	-1.57622	0.0111473	0.593044	-1.68622	0.000559644	0.415267	-2.40809
cg06319288	CCDC116	0.00124289	0.327987	0.831147	-1.20316	0.00212641	0.453458	-2.20528	0.896057	0.976342	-1.02423	0.0511145	0.665713	-1.50215	0.00010892	0.286863	-3.48598
cg07252792	CCDC116	0.00180118	0.32369	0.846852	-1.18084	0.000164114	0.350623	-2.85207	0.634745	0.924921	-1.08117	0.810201	0.961521	-1.04002	0.000328031	0.388143	-2.57637
cg21675424	CCDC116	0.0019315	0.0213601	0.671356	-1.48952	0.0092382	0.621269	-1.60961	0.166806	1.23658	1.23658	0.26821	0.846924	-1.18074	0.000306714	0.429795	-2.32669
cg22704037	CCDC116	0.0157009	0.829857	0.97623	-1.02435	0.0114539	1.42432	1.42432	0.637291	0.948292	-1.05453	0.474352	1.08474	1.08474	0.729743	1.03953	1.03953
cg18604842	CCDC116	0.0196712	0.0130952	0.287005	-3.48426	0.113303	0.497082	-2.01174	0.0520473	0.407997	-2.451	0.575809	0.795094	-1.25771	0.00187771	0.167245	-5.97924
cg12478092	CCDC116	0.0204868	0.56083	0.832434	-1.2013	0.044478	2.05377	2.05377	0.655688	0.8694	-1.15022	0.0671881	0.527427	-1.896	0.928647	0.972455	-1.02832
cg25784136	CCDC116;CCDC116	0.0457716	0.728244	1.08999	1.08999	0.0501083	0.57592	-1.73635	0.96465	0.989112	-1.01101	0.0446224	0.565768	-1.76751	0.00570812	0.408455	-2.44825
cg22286066	CCDC117	6.71E-05	0.00455993	0.874539	-1.14346	7.07E-06	1.42257	1.42257	0.0662252	1.07586	1.07586	0.685063	0.985635	-1.01457	0.00124186	1.1823	1.1823
cg11501374	CCDC117	0.00696117	0.248468	0.681572	-1.4672	0.012213	0.370773	-2.69707	0.275864	0.697541	-1.43361	0.310561	1.39572	1.39572	0.856373	0.944055	-1.05926
cg01500100	CCDC117	0.0195238	0.0203564	0.561354	-1.78141	0.0277132	0.584281	-1.71151	0.0598843	1.55021	1.55021	0.481046	1.1594	1.1594	0.307885	0.804167	-1.24352
cg12298140	CCDC117	0.0252828	0.671003	0.92094	-1.08585	0.0377661	0.628497	-1.5911	0.188384	0.764408	-1.3082	0.210104	0.775238	-1.28993	0.751405	1.06318	1.06318
cg01407797	CCDC117	0.0381464	0.0513861	0.622434	-1.6066	?	?	?	0.074904	1.52807	1.52807	0.0899582	0.67066	-1.49107	0.10551	0.685225	-1.45937
cg21156790	CCDC117	0.0386326	0.117587	1.21539	1.21539	0.139219	0.833058	-1.2004	0.11382	1.21829	1.21829	0.417439	1.09977	1.09977	0.0144646	1.4132	1.4132
cg16618282	CCDC12	0.000244899	0.49669	1.24978	1.24978	0.553243	1.21384	1.21384	0.656298	1.15571	1.15571	0.517236	0.80885	-1.23632	0.000602462	0.180973	-5.52569
cg01462904	CCDC12	0.00217682	0.27849	0.910415	-1.0984	0.00401678	0.724745	-1.3798	0.206019	0.894845	-1.11751	0.000341281	1.61684	1.61684	0.00373443	1.38563	1.38563
cg16468949	CCDC12	0.0309319	0.935028	0.960601	-1.04101	?	?	?	0.96372	1.02268	1.02268	0.797336	0.88085	-1.13527	0.804079	0.884671	-1.13036
cg11829528	CCDC12	0.0411207	0.0892263	0.675661	-1.48003	0.569561	1.12777	1.12777	0.175794	0.739969	-1.35141	0.483711	1.16055	1.16055	0.0290502	0.583768	-1.71301
cg19261292	CCDC120;CCDC120;CCDC120;CCDC120	4.19E-06	0.996144	0.999358	-1.00064	1.19E-06	0.188624	-5.30156	1.35E-05	0.298529	-3.34976	0.227055	0.845	-1.18343	2.40E-07	0.128442	-7.78562
cg19227561	CCDC120;CCDC120;CCDC120;CCDC120	0.00969361	0.664464	0.853314	-1.1719	0.0185619	0.354316	-2.82234	0.509214	0.783977	-1.27555	0.607803	0.828489	-1.20702	0.00579952	0.268864	-3.71936
cg15745973	CCDC121;CCDC121;GPN1;GPN1;CCDC121;GPN1;GPN1;GPN1	0.0252743	0.0578514	0.497574	-2.00975	0.627257	0.852759	-1.17266	0.260918	0.68274	-1.46469	0.530124	0.81301	-1.23	0.00164949	0.230784	-4.33306
cg15744128	CCDC121;GPN1;GPN1;CCDC121;GPN1;GPN1;GPN1;CCDC121	0.00757418	0.0775661	0.503483	-1.98616	0.00650716	0.290265	-3.44513	0.979609	1.00898	1.00898	0.054329	0.465918	-2.1463	0.012487	0.337186	-2.96572
cg02332769	CCDC122	2.18E-05	0.827817	1.03693	1.03693	0.0647287	0.707963	-1.4125	3.61E-07	0.087097	-11.4814	0.862761	1.02922	1.02922	0.000127489	0.329706	-3.03301
cg27311397	CCDC122;C13orf31	0.028991	0.249562	1.36952	1.36952	0.0274642	0.505856	-1.97685	0.00518019	0.381221	-2.62315	0.231358	1.38827	1.38827	0.113239	1.56895	1.56895
cg24311251	CCDC122;C13orf31;C13orf31	1.43E-06	0.0541024	0.80126	-1.24803	8.50E-08	5.98263	5.98263	0.000248537	1.84585	1.84585	0.128053	1.18146	1.18146	0.0551996	0.802273	-1.24646
cg18992706	CCDC122;C13orf31;C13orf31	1.59E-06	0.616338	1.0736	1.0736	5.52E-06	4.23416	4.23416	0.00203312	1.84327	1.84327	0.0281762	1.4396	1.4396	0.038565	0.714003	-1.40055
cg00056767	CCDC122;C13orf31;C13orf31	9.32E-06	0.370944	0.807441	-1.23848	0.000219884	4.19359	4.19359	0.000912999	3.17132	3.17132	0.0159446	1.98788	1.98788	0.16235	0.706602	-1.41522
cg22917346	CCDC122;C13orf31;C13orf31	9.76E-06	0.693345	0.898246	-1.11328	5.07E-05	7.81606	7.81606	0.000848139	3.88878	3.88878	0.00846923	2.48463	2.48463	0.0594247	0.562057	-1.77918
cg22655975	CCDC122;C13orf31;C13orf31	2.14E-05	0.576117	0.856448	-1.16761	2.97E-05	9.42759	9.42759	0.00154658	3.4873	3.4873	0.943752	1.01955	1.01955	0.591357	0.861836	-1.16031
cg01509141	CCDC122;C13orf31;C13orf31	4.57E-05	0.118618	1.3139	1.3139	0.000140441	2.88414	2.88414	0.00679625	1.7598	1.7598	0.00792693	1.731	1.731	0.937915	0.987525	-1.01263
cg09006749	CCDC122;C13orf31;C13orf31	4.92E-05	0.285811	0.740081	-1.3512	0.00163591	3.40364	3.40364	0.00111587	3.68274	3.68274	0.0861458	1.6734	1.6734	0.299046	0.746579	-1.33944
cg19356854	CCDC122;C13orf31;C13orf31	0.020306	0.854237	1.22308	1.22308	0.0209161	20.9681	20.9681	0.083208	8.16642	8.16642	0.130858	5.96692	5.96692	0.883669	0.851874	-1.17388
cg01563558	CCDC123	0.00129328	0.564608	0.873379	-1.14498	0.146816	0.696259	-1.43625	0.124445	0.679256	-1.4722	0.865069	0.96123	-1.04033	0.000664395	0.297727	-3.35878
cg17744368	CCDC123	0.00584197	0.767366	0.972012	-1.02879	0.0832422	1.20142	1.20142	0.208396	1.13532	1.13532	0.538007	1.06148	1.06148	0.00658695	1.40161	1.40161
cg26567712	CCDC124	0	?	?	?	?	?	?	0	0.284642	-3.51319	?	?	?	?	?	?
cg13851870	CCDC124	0.0107714	0.834892	0.972848	-1.02791	0.00112756	1.88168	1.88168	0.0919836	1.27718	1.27718	0.18726	0.83165	-1.20243	0.242922	0.851152	-1.17488
cg02925948	CCDC124;CCDC124	0.00330364	0.00365619	0.303476	-3.29515	0.0112157	0.381387	-2.62201	0.16942	0.641423	-1.55903	0.000275153	0.164117	-6.09321	0.00111247	0.232881	-4.29404
cg07930940	CCDC124;CCDC124	0.00527678	0.00586548	0.382748	-2.61269	0.0911729	0.609278	-1.64129	0.00921308	0.414629	-2.4118	0.827494	1.05984	1.05984	0.00382191	0.353963	-2.82516
cg23095556	CCDC124;CCDC124	0.0066119	0.0164475	0.402054	-2.48723	0.0401681	0.478553	-2.08963	0.0945148	0.564807	-1.77052	0.646774	0.866394	-1.15421	0.00842706	0.351419	-2.84561
cg14060113	CCDC124;CCDC124	0.0238155	0.00645329	5.09353	5.09353	0.00953542	0.221116	-4.52251	0.364196	0.651434	-1.53507	0.0739789	0.400402	-2.49749	0.0392618	0.334104	-2.99308
cg17926869	CCDC124;CCDC124	0.0309672	0.0509459	0.34976	-2.8591	0.0755027	0.392641	-2.54686	0.137799	0.469988	-2.12771	0.228219	0.550159	-1.81766	0.00233982	0.134381	-7.44151
cg15231872	CCDC124;CCDC124	0.0411697	0.47829	0.789151	-1.26718	0.195558	0.637856	-1.56775	0.241605	0.668564	-1.49574	0.235629	1.50421	1.50421	0.0120053	0.357269	-2.79902
cg16609833	CCDC125	3.88E-05	1.67E-05	0.353476	-2.82905	0.0619953	0.781173	-1.28013	0.0340483	0.747724	-1.33739	0.013374	1.4334	1.4334	9.60E-06	0.32616	-3.06598
cg07315800	CCDC125;CCDC125	0.0398943	0.238528	0.586026	-1.70641	0.0232156	3.23671	3.23671	0.906346	0.950329	-1.05227	0.378638	0.67638	-1.47846	0.0641045	0.406299	-2.46124
cg14202048	CCDC126	0.000154337	0.00342293	2.74364	2.74364	0.000948445	3.49228	3.49228	0.180249	0.696885	-1.43496	0.00168932	3.12284	3.12284	0.000190992	0.202845	-4.92986
cg03744954	CCDC126	0.00166192	3.15E-05	0.394865	-2.53251	0.100669	0.813871	-1.2287	0.832594	0.976047	-1.02454	0.00300611	0.627509	-1.5936	0.0330525	0.751663	-1.33038
cg26667586	CCDC126	0.00791479	0.0750191	2.24322	2.24322	0.335609	1.4987	1.4987	0.930517	0.965087	-1.03618	0.0416811	2.60337	2.60337	0.0240923	0.334146	-2.9927
cg24597320	CCDC126	0.0156534	0.55051	0.89302	-1.1198	0.68136	0.925576	-1.08041	0.0278989	1.62693	1.62693	0.218101	0.78452	-1.27466	0.852573	1.03546	1.03546
cg25635316	CCDC126;CCDC126	0.00905487	0.87128	0.990199	-1.0099	0.0160121	0.836031	-1.19613	0.0467667	0.870858	-1.14829	0.219119	1.08166	1.08166	0.189681	1.08804	1.08804
cg00006884	CCDC126;CCDC126	0.0483911	0.615684	1.0687	1.0687	0.0921789	1.27549	1.27549	0.962477	0.993843	-1.00619	0.0932151	0.784737	-1.27431	0.184773	1.20279	1.20279
cg25580634	CCDC127	0.00105091	0.53485	1.07101	1.07101	0.000789455	1.7396	1.7396	0.236738	1.14489	1.14489	0.173164	0.853678	-1.1714	0.019623	0.735116	-1.36033
cg19858280	CCDC127	0.00547598	0.98296	1.0048	1.0048	0.00634508	2.21786	2.21786	0.448938	1.18884	1.18884	0.000619692	0.307013	-3.25719	0.735442	0.926793	-1.07899
cg04623103	CCDC127	0.00779116	0.960879	0.992443	-1.00761	0.000452151	0.42529	-2.35134	0.0104897	0.607683	-1.64559	0.102399	1.31838	1.31838	0.149963	0.787671	-1.26957
cg03824114	CCDC127	0.0203446	0.767225	0.959892	-1.04178	0.0348842	0.712435	-1.40364	0.150228	0.808416	-1.23699	0.398163	0.887547	-1.1267	0.00251409	0.560649	-1.78365
cg11322124	CCDC127	0.0402349	0.41275	0.874925	-1.14295	0.079343	0.732883	-1.36447	0.0952711	0.746429	-1.33971	0.595628	0.918088	-1.08922	0.00456564	0.547366	-1.82693
cg17482712	CCDC127;SDHA	0.00121314	0.0348226	0.663971	-1.50609	0.393135	0.864476	-1.15677	0.0480863	0.686515	-1.45663	0.239526	1.22758	1.22758	3.94E-05	0.269954	-3.70433
cg24681654	CCDC129	1.45E-05	0.608361	0.883891	-1.13136	0.0725283	0.619711	-1.61365	9.04E-05	0.187897	-5.32206	0.000663453	0.288024	-3.47193	2.46E-06	0.0653886	-15.2932
cg00397871	CCDC129	0.0216807	0.862642	1.0242	1.0242	0.0556474	0.741205	-1.34915	0.10192	0.780954	-1.28049	0.687919	1.05735	1.05735	0.240478	1.18496	1.18496
cg02943305	CCDC129	0.0234909	0.00920136	0.340593	-2.93606	0.00212675	0.24505	-4.08081	0.0168743	0.386922	-2.5845	0.117582	0.574857	-1.73956	0.0141598	0.373059	-2.68054
cg25650811	CCDC129;CCDC129	0.00346306	0.00997115	0.571446	-1.74995	0.0333558	0.652059	-1.5336	0.0086569	0.56241	-1.77806	0.669363	0.928792	-1.07667	0.00152962	0.456407	-2.19103
cg08325307	CCDC129;CCDC129	0.0298179	0.0369232	0.435957	-2.29381	0.543773	0.810165	-1.23432	0.0835482	0.518842	-1.92737	0.308604	0.696975	-1.43477	0.00644506	0.297095	-3.36592
cg09677287	CCDC13	0.000319835	0.548362	1.05756	1.05756	0.0402992	0.803886	-1.24396	0.000122221	0.539068	-1.85505	0.44607	0.93093	-1.07419	0.000496391	0.605161	-1.65245
cg09008417	CCDC13	0.00173922	0.00299243	0.574643	-1.74021	0.489153	1.10032	1.10032	0.00199893	1.81048	1.81048	0.0297316	1.41637	1.41637	0.0011338	0.521223	-1.91857
cg19879491	CCDC13	0.00364299	0.0260961	0.708527	-1.41138	0.00802786	0.641907	-1.55786	0.853271	0.976125	-1.02446	0.927858	0.98825	-1.01189	0.990678	0.998476	-1.00153
cg27390245	CCDC13	0.00629273	0.196544	0.858097	-1.16537	0.0232078	0.737767	-1.35544	0.108935	1.21644	1.21644	0.0104604	0.696841	-1.43505	0.101024	0.817685	-1.22296
cg25635144	CCDC13	0.00727976	0.554619	1.21618	1.21618	0.0143516	2.6871	2.6871	0.0732424	1.92353	1.92353	0.0212196	2.47709	2.47709	0.110692	0.566001	-1.76678
cg01825831	CCDC13	0.0170985	0.0041295	0.591438	-1.69079	0.0669604	1.32368	1.32368	0.564504	1.08279	1.08279	0.0226314	0.688864	-1.45166	0.826813	0.970522	-1.03037
cg25485126	CCDC130	0.0027275	0.970619	1.01113	1.01113	0.204558	1.49519	1.49519	0.000131473	0.136172	-7.34368	0.849384	0.944477	-1.05879	0.537652	0.82901	-1.20626
cg05360665	CCDC130	0.0145651	0.0473008	1.68602	1.68602	0.0487793	1.67862	1.67862	0.0402017	0.579483	-1.72568	0.0282979	1.81479	1.81479	0.00803795	0.457681	-2.18493
cg09934399	CCDC130	0.0192872	0.263159	1.38578	1.38578	0.0531802	0.540963	-1.84856	0.281436	0.731186	-1.36764	0.0780603	1.72906	1.72906	0.00658949	0.372797	-2.68242
cg08654288	CCDC130	0.0208807	0.230332	0.805652	-1.24123	0.831259	1.03732	1.03732	0.161597	0.773612	-1.29264	0.00252327	0.486688	-2.05471	0.157942	0.771631	-1.29596
cg04617374	CCDC130	0.0218516	0.775807	1.08133	1.08133	0.00667347	0.381428	-2.62173	0.76401	0.920853	-1.08595	0.465609	1.2255	1.2255	0.0301566	0.497477	-2.01014

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27139836	0.534003	0.679047	-1.47265	0.000823241	0.0451956	-22.1261	0.974406	0.980478	-1.01991	0.0814327	0.305166	-3.2769	4.23061	25.3037	5.31653	1
cg26322308	0.192285	1.31293	1.31293	0.539172	0.884575	-1.13049	0.891319	0.973391	-1.02734	0.359868	0.830515	-1.20407	3.50531	2.16053	0.547875	1
cg13480357	0.544307	0.891022	-1.12231	0.0286974	0.615571	-1.62451	0.00017945	3.29609	3.29609	0.0355202	0.631159	-1.58439	40.8636	22.8806	0.497713	1
cg00336164	0.456893	0.88618	-1.12844	0.000706415	0.439029	-2.27775	0.000370229	2.48142	2.48142	0.174131	0.794076	-1.25933	33.7598	13.5996	0.358075	1
cg12747469	0.655577	1.14005	1.14005	4.11E-06	0.044289	-22.579	0.0336746	0.484676	-2.06323	0.000646455	0.216987	-4.60858	19.7591	26.6751	1.20001	1
cg06457713	0.682052	1.06822	1.06822	0.000531974	0.421451	-2.37276	0.031242	1.4992	1.4992	0.304207	0.843259	-1.18587	13.9982	5.69066	0.361358	1
cg05231542	0.000479988	0.0948099	-10.5474	0.000373431	0.08653	-11.5567	0.0553632	0.393023	-2.54438	0.00777524	0.230007	-4.34769	12.0601	35.3182	2.60313	1
cg24521848	?	?	?	0.000531903	0.175956	-5.68324	0.00272599	3.79307	3.79307	0.0575666	1.99744	1.99744	10.5591	15.4287	1.46117	1
cg23129170	0.799837	0.969634	-1.03132	0.0648321	0.7775	-1.28617	0.0506961	1.31026	1.31026	0.431791	1.10227	1.10227	9.51528	2.21984	0.207371	1
cg25306859	0.356812	0.634578	-1.57585	0.000833244	0.0894891	-11.1745	0.0402077	0.320611	-3.11905	0.0612421	0.363452	-2.75139	5.49439	20.0394	3.24199	1
cg04998209	0.238846	1.19352	1.19352	0.0744763	0.752027	-1.32974	0.0845233	1.31473	1.31473	0.00715233	1.64558	1.64558	3.49816	1.13943	0.289532	1
cg17277952	0.0369713	1.52501	1.52501	0.000723989	2.44899	2.44899	0.567293	0.904185	-1.10597	0.503585	0.888484	-1.12551	9.7864	4.70312	0.42718	1
cg18708233	0.0286577	0.293996	-3.4014	0.000955775	0.0969091	-10.319	0.633993	1.25542	1.25542	0.0638275	0.37232	-2.68586	7.59208	27.0424	3.16615	1
cg23879147	0.613765	1.06487	1.06487	0.425308	1.10578	1.10578	0.0350098	1.35444	1.35444	0.18001	0.838742	-1.19226	6.62069	1.5994	0.214734	1
cg13673798	0.430625	1.14276	1.14276	0.00870886	0.574336	-1.74114	0.818073	0.962499	-1.03896	0.143218	1.2982	1.2982	6.53834	2.84975	0.387425	1
cg14886145	0.216259	0.872577	-1.14603	0.179417	0.861247	-1.16111	0.0178435	1.35206	1.35206	0.00217726	1.56901	1.56901	6.06765	1.05438	0.154463	1
cg03717584	0.035011	0.380602	-2.62742	0.000863937	0.13993	-7.14642	0.630583	1.20991	1.20991	0.00835465	0.265724	-3.7633	5.62747	13.7825	2.17702	1
cg14813501	0.204366	0.662302	-1.50988	0.753445	1.10179	1.10179	0.81787	0.931498	-1.07354	0.27213	0.703524	-1.42142	4.99043	7.47988	1.33231	1
cg03373080	0.259572	1.19678	1.19678	0.151708	0.790899	-1.26438	0.760901	0.954454	-1.04772	0.656516	0.93392	-1.07076	4.78767	1.76888	0.328413	1
cg27268640	0.149001	0.651406	-1.53514	0.0155467	0.43962	-2.27469	0.966631	1.01165	1.01165	0.0575488	0.551648	-1.81275	3.56478	4.33084	1.07991	1
cg27592794	0.915674	0.949047	-1.05369	0.00389028	0.146678	-6.81767	0.301063	1.69738	1.69738	0.0449221	0.320961	-3.11564	3.48932	13.4735	3.43231	1
ch.10.1562909F	0.166311	0.444059	-2.25195	0.0196048	0.212027	-4.71637	0.64453	0.774504	-1.29115	0.82388	0.884616	-1.13043	3.44684	16.5147	4.2589	1
cg03591709	0.353645	0.857955	-1.16556	9.78E-06	0.217263	-4.60272	0.782854	1.04535	1.04535	0.593691	0.917186	-1.09029	12.4607	5.08591	0.362805	1
cg12309813	0.0796791	0.43213	-2.31412	0.000745536	0.109931	-9.09662	0.0361769	0.349631	-2.86016	0.0288898	0.329108	-3.03852	8.66529	25.538	2.6197	1
cg02105485	?	?	?	0.528966	1.23094	1.23094	0.000779314	0.190941	-5.23721	0.507495	0.803294	-1.24487	6.4317	9.60861	1.49395	1
cg01024705	0.192239	0.796122	-1.25609	0.233589	1.22911	1.22911	0.927589	0.985097	-1.01513	0.0791552	0.724718	-1.37985	6.63969	2.86943	0.384145	1
cg06565620	2.10E-06	0.0160616	-62.2602	0.0178362	0.360594	-2.7732	0.000477752	0.14344	-6.97155	0.0285944	0.400609	-2.4962	19.0461	37.8402	1.76602	1
cg18234979	0.19432	0.601312	-1.66303	0.355415	1.42212	1.42212	0.0148077	0.329316	-3.0366	0.823668	1.08619	1.08619	8.94422	19.4384	1.93182	1
cg20851317	0.651072	0.867682	-1.1525	0.00209138	0.259325	-3.85617	0.0146578	0.391903	-2.55165	0.0218699	0.424198	-2.35739	7.22638	11.1217	1.36803	1
cg20177086	0.0415179	0.700536	-1.42748	0.0614639	1.37577	1.37577	0.156147	0.794755	-1.25825	0.0751406	0.740775	-1.34994	5.39522	1.95911	0.322773	1
cg08633810	0.0539466	0.641893	-1.55789	0.00117502	0.381055	-2.62429	0.032132	0.60134	-1.66295	0.0621785	0.653475	-1.53028	4.31698	2.80728	0.578034	1
cg23708717	0.139523	2.29771	2.29771	0.0120441	5.14638	5.14638	0.906058	0.940102	-1.06371	0.211842	1.98995	1.98995	4.12418	17.8796	3.85361	1
cg26444623	0.0495995	0.359638	-2.78058	0.280379	0.599135	-1.66907	0.0067209	0.200971	-4.97585	0.0965119	0.434722	-2.30032	4.20122	10.7862	2.93416	1
cg02545106	0.000498204	0.695104	-1.43863	0.00358432	0.768471	-1.30128	0.0094634	0.802896	-1.24549	0.000759629	0.711267	-1.40594	26.4271	1.86555	0.0627486	1
cg08967837	0.010811	0.673334	-1.48515	0.000300028	0.483569	-2.06796	0.0116366	0.677318	-1.47641	0.0365864	1.35	1.35	15.3855	3.71932	0.214881	1
cg14763906	7.36E-05	0.314618	-3.17845	0.000308688	0.390798	-2.55887	0.207956	0.808141	-1.23741	0.269105	0.831386	-1.20281	14.2131	5.79477	0.362405	1
cg18456755	0.0235322	0.427109	-2.34132	0.0842682	0.548425	-1.8234	0.683668	0.87911	-1.13751	0.0218833	0.421014	-2.37522	9.20905	14.4273	1.39257	1
cg22153696	0.00431283	0.366848	-2.72592	0.021364	0.48346	-2.06842	0.473462	1.21118	1.21118	0.268392	0.738647	-1.35383	7.52531	8.23037	0.972169	1
cg26539468	0.134267	0.726484	-1.37649	0.0145193	0.551101	-1.81455	0.455119	1.16246	1.16246	0.00733969	0.504655	-1.98155	9.22193	5.71915	0.551261	1
cg19709928	0.11709	0.836435	-1.19555	0.022703	1.3313	1.3313	0.00548607	0.681741	-1.46683	0.375466	1.10014	1.10014	5.29575	0.923247	0.154967	1
cg02046725	0.00859399	1.59151	1.59151	0.0256289	0.692397	-1.44426	0.131357	1.25337	1.25337	0.318443	1.15369	1.15369	9.50946	2.89516	0.270622	1
cg16346810	0.0622409	0.43308	-2.30904	0.030017	2.76656	2.76656	0.237597	1.63762	1.63762	0.0600915	2.32924	2.32924	3.4163	8.59997	2.23763	1
cg13330050	0.00294988	0.329263	-3.03709	0.000490475	0.22625	-4.41988	0.024264	0.481478	-2.07694	0.177157	0.676803	-1.47754	20.4352	23.9712	1.0427	1
cg16113530	0.207354	0.909726	-1.09923	2.26E-06	0.439552	-2.27504	0.532849	0.956047	-1.04597	0.29401	0.925473	-1.08053	19.5919	1.57111	0.0712816	1
cg15658426	0.662376	0.857146	-1.16666	0.00560905	0.279192	-3.58176	0.00482418	3.71307	3.71307	0.0435597	0.442988	-2.2574	12.2904	23.961	1.73294	1
cg12882476	0.769151	1.03427	1.03427	0.00417519	0.64433	-1.552	0.235949	1.15283	1.15283	0.0037773	0.639221	-1.5644	5.69391	1.18247	0.184598	1
cg25267732	0.00828632	0.486818	-2.05416	0.251494	1.29109	1.29109	0.361735	1.22132	1.22132	0.0441526	1.6374	1.6374	4.13252	2.97654	0.640242	1
cg08244052	0.253976	0.91195	-1.09655	0.00585593	0.756455	-1.32196	0.257857	0.912693	-1.09566	0.149674	1.12695	1.12695	4.08147	0.386984	0.0842799	1
cg00595022	0.36784	0.718375	-1.39203	0.00769452	0.280802	-3.56123	0.583598	0.820841	-1.21826	0.0910734	0.51024	-1.95986	3.98367	7.8328	1.52929	1
cg01224313	0.0779915	0.724224	-1.38079	5.19E-06	0.181762	-5.50171	0.909643	1.01888	1.01888	0.0034419	0.519663	-1.92432	25.6099	11.0097	0.382135	1
cg08239869	0.032013	0.526313	-1.90001	4.46E-05	0.138767	-7.20634	0.0305923	0.522519	-1.91381	0.00472054	0.383238	-2.60934	13.1073	13.5505	0.918944	1
cg08638917	0.58876	0.909227	-1.09984	0.556062	0.901398	-1.10939	0.784084	1.04905	1.04905	0.00711389	0.545447	-1.83336	12.2634	5.90342	0.427899	1
cg04000927	0.425214	1.10909	1.10909	0.0112453	1.49751	1.49751	0.000406879	0.489518	-2.04282	0.636845	1.06233	1.06233	11.7031	2.99665	0.227606	1
cg17170504	0.925757	1.01902	1.01902	0.00965715	0.515809	-1.9387	0.599991	1.1129	1.1129	0.302123	0.805658	-1.24122	10.3488	6.69747	0.575266	1
cg02010772	0.918466	1.01514	1.01514	0.493865	0.903072	-1.10733	0.0115387	1.58973	1.58973	0.357626	1.14892	1.14892	3.49059	1.19039	0.303136	1
cg15272690	0.75711	0.952461	-1.04991	0.00611264	0.570176	-1.75385	0.0686687	1.37704	1.37704	0.0417826	1.44543	1.44543	3.42934	1.33876	0.347008	1
cg03051979	0.438533	1.05933	1.05933	9.20E-05	0.600851	-1.66431	0.174012	0.899883	-1.11126	0.169989	1.1125	1.1125	8.25163	0.695342	0.0749042	1
cg02744588	0.0290077	1.41931	1.41931	3.91E-06	4.3149	4.3149	6.13E-05	2.73494	2.73494	0.101605	1.27615	1.27615	24.5892	7.2085	0.260584	1
cg23184087	0.00072959	0.552349	-1.81045	0.0031336	0.62698	-1.59495	0.855409	0.979138	-1.02131	0.631357	0.945657	-1.05747	18.7905	3.97553	0.188064	1
cg03113824	0.955525	1.00912	1.00912	0.00832555	1.7319	1.7319	0.904694	1.0197	1.0197	0.810362	0.961607	-1.03993	5.3243	2.23639	0.373363	1
cg07791834	0.0568203	0.59696	-1.67515	0.660579	0.899646	-1.11155	0.607521	1.132	1.132	0.183754	0.713545	-1.40145	5.0647	4.59441	0.806351	1
cg13568258	0.520233	0.710181	-1.40809	0.00924599	5.66657	5.66657	0.0117448	5.22128	5.22128	0.254048	1.86898	1.86898	3.88997	16.9859	3.88142	1
cg07925085	0.310534	3.46465	3.46465	0.00554077	74.9075	74.9075	0.134119	6.77424	6.77424	0.0600026	12.338	12.338	3.47504	77.1842	19.7431	1
cg25533551	0.0828045	0.777956	-1.28542	0.803056	0.967865	-1.0332	0.345241	1.13549	1.13549	0.0751531	0.771816	-1.29565	12.1304	3.28238	0.240525	1
cg22262140	0.00153313	0.561127	-1.78213	8.49E-05	0.408565	-2.44759	0.00133554	0.553771	-1.8058	0.00064599	0.51516	-1.94114	20.9818	5.33672	0.226088	1
cg24144883	0.0036383	0.524084	-1.90809	7.18E-05	0.304875	-3.28004	0.000784978	0.434394	-2.30206	0.000915647	0.443177	-2.25644	15.903	6.79315	0.3797	1
cg06319288	0.00135124	0.426295	-2.3458	0.0022453	0.456759	-2.18934	0.0456144	0.657149	-1.52172	0.00253492	0.464152	-2.15447	11.0603	5.87739	0.472352	1
cg07252792	0.00441861	0.538151	-1.85821	0.829287	1.03584	1.03584	0.0126291	0.603099	-1.6581	0.0996964	0.745093	-1.34211	9.93989	4.18694	0.374423	1
cg21675424	0.00278745	0.552188	-1.81098	0.00170616	0.524477	-1.90666	0.107743	0.776577	-1.2877	0.00442019	0.578499	-1.72861	9.74022	3.20165	0.292182	1
cg22704037	0.402865	0.908734	-1.10043	0.00489982	1.51712	1.51712	0.145063	1.19118	1.19118	0.00732365	0.67942	-1.47184	5.1029	1.01003	0.175941	1
cg18604842	0.0301489	0.355501	-2.81293	0.0383995	0.377906	-2.64616	0.0186008	0.314316	-3.18151	0.0356013	0.37076	-2.69716	4.73111	12.3285	2.3163	1
cg12478092	0.267446	0.697485	-1.43372	0.00244159	0.268426	-3.72542	0.0256602	2.2855	2.2855	0.695503	0.884557	-1.13051	4.66623	7.18734	1.36914	1
cg25784136	0.602872	1.13845	1.13845	0.163658	1.44368	1.44368	0.248965	1.34672	1.34672	0.695228	1.10215	1.10215	3.50313	3.38559	0.859065	1
cg22286066	0.000124137	0.78865	-1.26799	0.596472	0.981216	-1.01914	0.0934262	0.936618	-1.06767	0.680105	1.01482	1.01482	24.6278	0.491188	0.0177284	1
cg11501374	0.54682	0.823858	-1.2138	0.000126173	0.119897	-8.34048	0.18601	0.640468	-1.56136	0.208096	0.655903	-1.52462	6.6266	10.5973	1.42152	1
cg01500100	0.00636951	0.480362	-2.08176	0.0160852	0.544299	-1.83723	0.987822	1.00316	1.00316	0.760514	0.938822	-1.06516	4.7432	3.20324	0.600296	1
cg12298140	0.0690997	0.675667	-1.48002	0.000679271	0.367501	-2.72108	0.696966	0.927341	-1.07835	0.560661	1.12009	1.12009	4.34021	2.55403	0.523074	1
cg01407797	0.606239	0.894814	-1.11755	0.0118617	0.510975	-1.95704	0.0662353	0.643784	-1.55332	0.0825764	0.663006	-1.50828	3.80746	2.44903	0.643217	1
cg21156790	0.952756	0.993223	-1.00682	0.245641	0.869911	-1.14954	0.0669	0.789981	-1.26585	0.0590838	0.783005	-1.27713	3.73051	0.77824	0.185435	1
cg16618282	0.413108	0.763118	-1.31041	3.68E-06	0.0302188	-33.092	0.19099	0.639317	-1.56417	0.747787	0.90101	-1.10987	17.3874	28.7463	1.46959	1
cg01462904	0.345259	0.922227	-1.08433	0.437852	0.936212	-1.06813	0.113789	1.15408	1.15408	0.391161	0.929435	-1.07592	9.40638	1.03346	0.0976604	1
cg16468949	0.621334	1.27823	1.27823	0.000537684	0.0703337	-14.2179	0.803143	1.13104	1.13104	0.602194	0.771612	-1.29599	4.11013	14.0638	3.42175	1
cg11829528	0.84846	1.04083	1.04083	0.0832122	1.49364	1.49364	0.0215592	0.561361	-1.78139	0.0274841	0.579552	-1.72547	3.64577	2.52705	0.616128	1
cg19261292	0.639375	0.93925	-1.06468	0.775873	0.962803	-1.03863	0.0108801	0.654038	-1.52896	0.011529	0.657312	-1.52135	50.7971	14.1883	0.248277	1
cg19227561	0.462301	0.761874	-1.31255	0.000295017	0.117312	-8.5243	0.681746	0.860819	-1.16168	0.0649081	0.470742	-2.12431	5.96967	12.4908	1.85989	1
cg15745973	0.612104	1.18109	1.18109	0.0357408	0.451403	-2.21531	0.0367038	0.45384	-2.20342	0.0161294	0.38358	-2.60702	4.34072	7.28348	1.49151	1
cg15744128	0.162655	0.593721	-1.68429	0.00149038	0.201443	-4.96417	0.00373335	0.254158	-3.93456	0.00638967	0.289026	-3.4599	6.45407	12.506	1.7224	1
cg02332769	0.0958188	1.35597	1.35597	0.0996602	0.740527	-1.35039	0.895818	0.978427	-1.02205	0.000787259	0.429644	-2.32751	33.1161	14.5347	0.390134	1
cg27311397	0.659483	0.890589	-1.12285	0.411371	1.24546	1.24546	0.946788	1.01759	1.01759	0.0500285	0.557685	-1.79313	4.13668	4.47376	0.961319	1
cg24311251	0.0931949	0.829298	-1.20584	3.48E-07	4.45091	4.45091	0.0806938	1.21693	1.21693	0.0500413	1.25418	1.25418	66.9021	10.8847	0.144619	1
cg18992706	0.0582039	0.74013	-1.35111	3.16E-08	16.6877	16.6877	0.000126935	2.55371	2.55371	0.479461	1.10634	1.10634	65.1836	20.4009	0.2782	1
cg00056767	0.599051	0.883808	-1.13147	1.29E-07	49.2812	49.2812	0.661801	0.902602	-1.10791	0.732681	0.923284	-1.08309	41.3159	35.4661	0.763034	1
cg22917346	0.0450704	1.86386	1.86386	1.49E-07	85.3533	85.3533	0.0779755	1.69947	1.69947	0.481026	1.21403	1.21403	40.8305	47.4126	1.03218	1
cg22655975	0.032233	0.502537	-1.9899	5.74E-07	44.1942	44.1942	0.180436	1.4773	1.4773	0.734033	1.09808	1.09808	33.2863	39.6818	1.05968	1
cg01509141	0.0759614	1.37472	1.37472	5.94E-07	9.16735	9.16735	0.00374153	1.87919	1.87919	0.142384	1.28934	1.28934	27.2625	11.2129	0.365594	1
cg09006749	0.906493	0.968597	-1.03242	7.23E-07	38.045	38.045	0.41776	0.798642	-1.25213	0.77484	1.08099	1.08099	26.7349	31.2178	1.03794	1
cg19356854	0.476086	2.21099	2.21099	0.000560687	349.954	349.954	0.433164	2.40078	2.40078	0.499915	0.472447	-2.11664	4.68034	88.8741	16.879	1
cg01563558	0.000185904	0.230555	-4.33736	0.000393341	0.269047	-3.71682	0.741966	0.926058	-1.07985	0.00482028	0.419178	-2.38562	10.9353	9.3619	0.760994	1
cg17744368	0.00120297	1.57445	1.57445	0.00104058	1.5914	1.5914	0.116915	1.17703	1.17703	0.186609	0.874615	-1.14336	6.99653	1.01468	0.128913	1
cg26567712	?	?	?	0	4.3882	4.3882	?	?	?	0	1.24703	1.24703	?	7.85824	0	1
cg13851870	0.561956	1.0804	1.0804	0.00501326	1.63179	1.63179	0.643397	0.940365	-1.06342	0.047668	1.34809	1.34809	5.77141	1.58999	0.244884	1
cg02925948	0.0201356	0.427261	-2.34049	0.213436	0.672029	-1.48803	0.382858	0.762251	-1.3119	0.0239289	0.441588	-2.26456	8.31605	12.1212	1.29561	1
cg07930940	0.0939289	0.612325	-1.63312	0.000713142	0.25346	-3.9454	0.00585367	0.382609	-2.61363	0.0582009	0.56547	-1.76844	7.21869	8.10825	0.998427	1
cg23095556	0.0444748	0.488058	-2.04894	0.000319723	0.163542	-6.11465	0.0064198	0.332196	-3.01027	0.0707844	0.533905	-1.87299	6.73359	10.3035	1.36014	1
cg14060113	0.828519	1.10484	1.10484	0.858654	1.08538	1.08538	0.712536	0.843584	-1.18542	0.188458	0.527042	-1.89738	4.43122	14.8259	2.97403	1
cg17926869	0.0733266	0.389269	-2.56892	0.00675569	0.190331	-5.254	0.811311	0.893152	-1.11963	0.120443	0.451215	-2.21624	4.04095	14.2866	3.14263	1
cg15231872	0.490827	0.794626	-1.25845	0.0047408	0.291667	-3.42856	0.189946	1.57777	1.57777	0.578752	0.831748	-1.20229	3.64417	6.22749	1.51902	1
cg16609833	0.00186325	0.595252	-1.67996	0.000467853	0.52395	-1.90858	0.00331951	1.59982	1.59982	0.598786	0.939513	-1.06438	28.4628	6.22552	0.194422	1
cg07315800	0.796675	0.894253	-1.11825	0.0205822	0.298977	-3.34474	0.881359	0.937398	-1.06678	0.0125926	0.261054	-3.83062	3.68673	10.9411	2.63796	1
cg14202048	0.00125362	3.30619	3.30619	0.272125	0.748184	-1.33657	0.000468979	4.03637	4.03637	0.00562481	2.51533	2.51533	19.7049	20.1004	0.906731	1
cg03744954	0.0168251	0.715982	-1.39668	0.186099	0.851665	-1.17417	0.0761488	0.797702	-1.2536	0.849857	1.02194	1.02194	10.1742	2.11391	0.184686	1
cg26667586	0.00500078	4.54312	4.54312	0.0530975	0.408383	-2.44868	0.00456879	4.65912	4.65912	0.114437	2.013	2.013	6.36555	16.7401	2.33759	1
cg24597320	0.0745841	0.689299	-1.45075	0.000803748	0.387697	-2.57933	0.064587	0.677815	-1.47533	0.869074	1.03139	1.03139	5.10803	2.83877	0.493998	1
cg25635316	0.0561325	0.876875	-1.14041	0.00210501	0.768981	-1.30042	0.0174232	0.838765	-1.19223	0.107522	1.11259	1.11259	6.10059	0.356451	0.0519367	1
cg00006884	0.0220863	0.697462	-1.43377	0.0220731	0.697427	-1.43384	0.302907	1.15037	1.15037	0.344064	1.13649	1.13649	3.43043	0.936223	0.242593	1
cg25580634	0.000113569	0.47728	-2.09521	0.0795992	1.23659	1.23659	0.377355	1.10392	1.10392	0.763800	1.03344	1.03344	11.6019	2.18899	0.167712	1
cg19858280	0.0116058	0.492962	-2.02855	0.426955	1.19941	1.19941	0.128065	1.44598	1.44598	0.800703	1.05834	1.05834	7.13714	5.68027	0.707445	1
cg04623103	0.3355	0.857629	-1.16601	0.0634674	1.38088	1.38088	0.464724	0.891308	-1.12195	0.998663	1.00026	1.00026	6.39712	2.4229	0.336666	1
cg03824114	0.580892	1.07993	1.07993	0.0134934	1.52457	1.52457	0.182246	0.822648	-1.21559	0.882397	0.979794	-1.02062	4.67731	1.40873	0.267719	1
cg11322124	0.0100957	0.595756	-1.67854	0.0134323	0.613599	-1.62973	0.42338	0.877683	-1.13936	0.204	0.807427	-1.2385	3.6752	1.48192	0.358419	1
cg17482712	0.610218	1.08936	1.08936	0.00684688	1.79152	1.79152	0.656569	1.07735	1.07735	0.952569	1.00995	1.00995	11.1371	4.88865	0.390179	1
cg24681654	8.16E-05	0.183371	-5.45341	3.07E-06	0.0706874	-14.1468	0.237739	0.744271	-1.3436	0.000104981	0.194642	-5.13762	36.818	33.2535	0.802832	1
cg00397871	0.0253364	1.44358	1.44358	0.00199778	1.82675	1.82675	0.697799	0.947541	-1.05536	0.905666	0.983762	-1.01651	4.57682	1.38237	0.268478	1
cg02943305	0.323192	0.717218	-1.39428	0.238391	0.668818	-1.49518	0.11305	0.570195	-1.75379	0.256297	0.679795	-1.47103	4.45229	7.48147	1.49366	1
cg25650811	0.021135	0.620782	-1.61087	0.00027666	0.359305	-2.78315	0.781628	1.04895	1.04895	0.132067	0.756151	-1.32249	8.1998	3.84044	0.416318	1
cg08325307	0.823029	0.926132	-1.07976	0.960884	1.01694	1.01694	0.02777	2.43774	2.43774	0.0376067	0.437664	-2.28486	4.09568	7.6128	1.65221	1
cg09677287	0.0336653	0.79564	-1.25685	0.000153201	0.549848	-1.81868	0.0316121	1.2614	1.2614	0.000852801	0.630165	-1.58689	16.1642	2.17376	0.119538	1
cg09008417	0.403961	1.12321	1.12321	0.0701761	0.759248	-1.31709	0.864433	1.02352	1.02352	0.0234886	0.69199	-1.44511	10.0413	2.94406	0.260619	1
cg19879491	0.277633	1.15877	1.15877	0.00100206	1.89181	1.89181	0.0031134	1.69516	1.69516	0.210086	0.84165	-1.18814	8.07634	2.17899	0.239821	1
cg27390245	0.000370855	0.528079	-1.89366	0.64821	0.94982	-1.05283	0.178556	1.17372	1.17372	0.515472	0.928758	-1.07671	6.83772	1.36027	0.176833	1
cg25635144	0.0122566	2.77794	2.77794	0.744568	1.113	1.113	0.00335129	0.270583	-3.69572	0.292955	0.699584	-1.42942	6.53467	11.0983	1.50966	1
cg01825831	0.0160765	0.668793	-1.49523	0.707879	0.949898	-1.05274	0.145762	1.23772	1.23772	0.336038	1.14506	1.14506	4.95988	1.46478	0.262511	1
cg25485126	0.212256	0.673826	-1.48406	0.0100217	0.376532	-2.65581	0.0163151	2.41657	2.41657	0.0433431	0.497467	-2.01018	8.803	12.5871	1.27099	1
cg05360665	0.601478	0.885778	-1.12895	0.223188	1.34258	1.34258	0.998428	0.999547	-1.00045	0.0784147	0.63764	-1.56828	5.23129	4.38928	0.745817	1
cg09934399	0.106105	1.63822	1.63822	0.0380325	1.95941	1.95941	0.0826783	0.584193	-1.71176	0.74022	0.911137	-1.09753	4.76283	5.90062	1.10123	1
cg08654288	0.00180974	0.466847	-2.14203	0.680722	1.07364	1.07364	0.381225	0.857077	-1.16676	0.0932433	0.728278	-1.3731	4.63604	2.1652	0.415144	1
cg04617374	0.449228	0.809632	-1.23513	0.0437985	0.530146	-1.88627	0.490332	1.21153	1.21153	0.00310282	0.330203	-3.02844	4.56452	5.42168	1.05581	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg24153071	CCDC130	0.0376026	0.189992
cg15755406	CCDC130	0.0399001	0.0511136
cg11350464	CCDC132;CCDC132	0.00081704	0.0658427
cg20592378	CCDC132;CCDC132	0.00709666	0.0620656
cg06078253	CCDC132;CCDC132	0.00742014	0.0169733
cg10500609	CCDC132;CCDC132	0.00982209	0.460783
cg07906359	CCDC132;CCDC132	0.0195485	0.0748053
cg05278442	CCDC132;CCDC132	0.0196601	0.450049
cg27402949	CCDC132;CCDC132;CCDC132;CCDC132	0.0169747	0.0638971
cg19744158	CCDC134	0.00118055	0.0127931
cg17033378	CCDC134	0.00140308	0.0145467
cg11818790	CCDC134	0.0198457	0.0775541
cg26916117	CCDC134	0.020826	0.488278
cg27523491	CCDC134	0.0210917	0.957296
cg03131358	CCDC134	0.0313097	0.0859422
cg18046698	CCDC134;CCDC134	0.0110728	0.410302
cg07540386	CCDC135	9.81E-05	0.0642102
cg02779521	CCDC135	0.00231801	0.00216055
cg04698650	CCDC135	0.00379377	0.000476002
cg09418336	CCDC135	0.00563513	0.000853091
cg01871875	CCDC135	0.0137991	0.141864
cg05231930	CCDC135	0.0252918	0.00212081
cg11374884	CCDC136	0.000234227	0.0186906
cg07611843	CCDC136	0.00364521	0.247653
cg15292101	CCDC136	0.00567414	0.711543
cg04437965	CCDC137;C17orf90	3.67E-06	0.803713
cg06449742	CCDC137;C17orf90	0.0181504	0.193471
cg01788996	CCDC138	0.00385438	0.0708783
cg00607919	CCDC138	0.00618806	0.809289
cg22031999	CCDC138	0.00794316	0.881413
cg15605888	CCDC138	0.00997123	0.701413
cg21671277	CCDC138	0.0171863	0.906422
cg02149884	CCDC14	0.00129376	0.00291127
cg08224051	CCDC14	0.0328143	0.535774
cg07119829	CCDC140	0.00100493	0.862064
cg02224980	CCDC140	0.00103391	0.533239
cg22764436	CCDC140	0.00170976	0.904131
cg20923619	CCDC140	0.00188475	0.541212
cg19102771	CCDC140	0.0035724	0.100606
cg08506931	CCDC140	0.0042316	0.992157
cg19476053	CCDC140	0.00428374	0.562119
cg16325502	CCDC140	0.00559108	0.687557
cg10757065	CCDC140	0.0063086	0.781533
cg00790098	CCDC140	0.00694525	0.538865
cg12597169	CCDC140	0.00698327	0.617561
cg12973118	CCDC140	0.00702127	0.853426
cg14064356	CCDC140	0.00832987	0.476241
cg14688579	CCDC140	0.00868119	0.872136
cg00699392	CCDC140	0.00911755	0.685894
cg13485564	CCDC140	0.00931411	0.293173
cg10269365	CCDC140	0.00984603	0.994254
cg09486778	CCDC140	0.0143432	0.395009
cg03539789	CCDC140	0.0179656	0.0756124
cg14559259	CCDC140	0.0216527	0.755578
cg08697503	CCDC140	0.0222095	0.960873
cg02938320	CCDC140	0.0241911	0.875676
cg02710571	CCDC140	0.0253223	0.37999
cg26153162	CCDC141	0.000281218	0.0635397
cg12501949	CCDC141	0.00250852	0.0065912
cg16702469	CCDC141	0.00862155	0.0127744
cg17765952	CCDC141	0.00930493	0.007819
cg25205801	CCDC141	0.0379688	0.00668839
cg16650561	CCDC142	0.0484199	0.504562
cg23319085	CCDC142;MRPL53	0.000557988	0.618355
cg11387519	CCDC142;MRPL53	0.0237858	0.0267638
cg02370858	CCDC142;MRPL53	0.0285734	0.0651439
cg20415811	CCDC142;MRPL53	0.0295179	0.0248523
cg08528327	CCDC142;MRPL53	0.0403115	0.00961044
cg03427841	CCDC144A	0.00234716	0.170032
cg23373279	CCDC144A	0.00508916	0.372616
cg20189467	CCDC144A	0.00522633	0.00247533
cg17002216	CCDC144A	0.00657727	0.00363047
cg06340020	CCDC144A	0.0106713	0.671506
cg14701008	CCDC144A	0.0139673	0.0119094
cg04963560	CCDC144A	0.0480905	0.00598725
cg16030145	CCDC144B	0.00875588	0.869238
cg03836611	CCDC144B	0.0124172	0.675002
cg02642031	CCDC144B	0.0147096	0.296644
cg20034226	CCDC144B	0.0192979	0.234931
cg20995835	CCDC144B	0.0480761	0.0657501
cg23224458	CCDC144C	3.29E-05	0.000623036
cg09430308	CCDC144C	0.0014885	0.180527
cg18979559	CCDC144C	0.0039926	0.191635
cg25259129	CCDC144C	0.00958345	0.104874
cg13158894	CCDC144C	0.0180327	0.0276505
cg16363970	CCDC144C	0.023332	0.0215366
cg09746391	CCDC144C	0.0325332	0.0312417
cg15837838	CCDC144C	0.0477018	0.942556
cg13001543	CCDC144NL	9.42E-06	2.00E-05
cg21462999	CCDC144NL	3.57E-05	0.2843
cg03498881	CCDC144NL	0.000226279	0.593624
cg22382004	CCDC144NL	0.000477921	0.0147587
cg14560110	CCDC144NL	0.00191514	0.0249621
cg11633473	CCDC144NL	0.00391567	0.0192116
cg22516161	CCDC144NL	0.00807432	0.0351425
cg06633402	CCDC144NL	0.00821844	0.0675708
cg21980100	CCDC144NL	0.0152522	0.16375
cg22282896	CCDC144NL	0.0189283	0.0197726
cg08288433	CCDC144NL	0.0241679	0.0901314
cg02508897	CCDC144NL	0.0264257	0.108579
cg18251984	CCDC144NL	0.0392836	0.168997
cg06809326	CCDC144NL	0.049597	0.379844
cg11586216	CCDC146	2.34E-05	0.000889616
cg23318703	CCDC146	0.00695631	0.00494012
cg19818218	CCDC146	0.00704121	0.391253
cg18741321	CCDC146	0.0124468	0.090684
cg13234544	CCDC146	0.0277136	0.226885
cg01310473	CCDC146;FGL2	0.0128826	0.000609818
cg17130518	CCDC146;FGL2	0.0147549	0.925636
cg23708624	CCDC146;FGL2	0.0224946	0.027312
cg12552626	CCDC146;FGL2	0.0475405	0.335889
cg01842314	CCDC147	0.000375412	0.00136067
cg18192222	CCDC147	0.00730265	0.258536
cg08259276	CCDC147	0.00879683	0.679267
cg25841943	CCDC147;CCDC147	0.000967265	0.543376
cg03198066	CCDC148;CCDC148	0.042742	0.0946509
cg00993543	CCDC148;CCDC148;PKP4;PKP4	0.0151429	0.243888
cg19840387	CCDC148;CCDC148;PKP4;PKP4	0.0212684	0.583197
cg13896783	CCDC148;CCDC148;PKP4;PKP4	0.0258083	0.0394927
cg07658771	CCDC149	0.00517637	0.991138
cg11945292	CCDC149	0.00935512	0.0130079
cg07594341	CCDC149	0.0231603	0.808822
cg17250993	CCDC149	0.0259174	0.762256
cg10202557	CCDC149	0.0303583	0.328572
cg07321032	CCDC149	0.0366802	0.380148
cg24278948	CCDC149	0.0386818	0.139119
cg06102690	CCDC149	0.046411	0.288313
cg09490880	CCDC149;CCDC149	0.00117915	0.00360205
cg14002301	CCDC149;CCDC149	0.00142996	9.25E-05
cg17164747	CCDC149;CCDC149	0.00293608	0.264865
cg22421579	CCDC149;CCDC149	0.00552973	0.00185992
cg21108841	CCDC149;CCDC149	0.012953	0.00110376
cg11207652	CCDC149;CCDC149	0.0147466	0.0551117
cg24371114	CCDC149;CCDC149	0.0159074	0.805909
cg11583475	CCDC149;CCDC149	0.0401992	0.0396341
cg10744200	CCDC149;CCDC149	0.044018	0.0610415
cg07131413	CCDC15	3.24E-05	0.753662
cg15298875	CCDC15	0.0247405	0.0222157
cg01265662	CCDC150	2.86E-06	0.0248219
cg03512392	CCDC150	1.08E-05	0.36511
cg16164923	CCDC150	0.000259197	0.345018

Probeset ID	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24153071	0.811451	-1.23236	0.282366	1.18311	1.18311	0.937556	1.01186	1.01186	0.00559565	0.57834	-1.72909	0.816192	0.96556	-1.03567
cg15755406	1.4472	1.4472	0.0212992	1.5849	1.5849	0.439223	1.14028	1.14028	0.19276	1.25781	1.25781	0.0649239	1.41184	1.41184
cg11350464	0.808769	-1.23645	0.192669	1.15232	1.15232	0.0114149	1.38482	1.38482	0.059663	1.24427	1.24427	0.157664	0.856107	-1.16808
cg20592378	0.641378	-1.55914	0.267633	1.27652	1.27652	0.00429686	2.2419	2.2419	0.520138	0.871247	-1.14778	0.582703	0.889305	-1.12447
cg06078253	0.267321	-3.74082	?	?	?	0.777193	1.13719	1.13719	0.128157	0.474597	-2.10705	0.0207493	0.28319	-3.5312
cg10500609	1.08586	1.08586	0.535133	1.07133	1.07133	0.83887	1.02259	1.02259	0.00108537	1.69734	1.69734	0.015189	1.38703	1.38703
cg07906359	0.571295	-1.75041	0.0968238	1.67233	1.67233	0.00762897	2.63202	2.63202	0.00943817	0.395279	-2.52986	0.12016	0.621506	-1.609
cg05278442	0.935837	-1.06856	0.179992	1.13053	1.13053	0.00187843	1.46203	1.46203	0.285332	1.10033	1.10033	0.644514	1.04084	1.04084

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24153071	0.947169	0.990075	-1.01002	0.470953	1.11671	1.11671	0.00870082	1.65407	1.65407	0.485987	1.11244	1.11244	3.76759	1.35185	0.318942	1
cg15755406	0.694059	0.936335	-1.06799	0.157536	0.777646	-1.28593	0.947842	0.989173	-1.01095	0.00624953	1.80932	1.80932	3.68653	1.61657	0.389784	1
cg11350464	0.0365101	0.778863	-1.28392	7.54E-05	0.477744	-2.09317	0.0038344	0.669793	-1.493	0.100527	1.20321	1.20321	12.458	2.08633	0.148862	1
cg20592378	0.0115807	0.51305	-1.94913	0.00525149	0.459204	-2.17768	0.444024	1.17937	1.17937	0.0467532	1.61825	1.61825	6.58688	4.66285	0.629245	1
cg06078253	0.0363988	0.332137	-3.01081	0.000887982	0.104726	-9.54872	0.474169	1.39075	1.39075	0.00724537	0.208046	-4.80662	6.62998	19.1666	2.89089	1
cg10500609	0.0793974	1.23815	1.23815	0.0991102	0.820088	-1.21938	0.657102	0.952168	-1.05023	0.00485695	1.50635	1.50635	5.94463	1.1331	0.16943	1
cg07906359	0.11564	0.617238	-1.62012	0.286726	0.731911	-1.36629	0.761036	0.917546	-1.08986	0.652584	1.13638	1.13638	4.74116	5.9764	1.12047	1
cg05278442	0.0226641	1.26501	1.26501	0.222583	0.895447	-1.11676	0.433241	0.93342	-1.07133	0.0651195	0.836588	-1.19533	4.73202	0.556335	0.104505	1

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cg03154774	CCDC150	0.00264706	0.000125358	0.281381	-3.55389	0.0393739	1.572	1.572	0.619422	1.09969	1.09969	0.366676	1.19245	1.19245	0.00854022	0.528946	-1.89055
cg13317079	CCDC150	0.00688178	0.395802	0.931122	-1.07397	0.0993734	0.862229	-1.15978	0.561492	0.952964	-1.04936	0.00091264	0.665739	-1.50209	0.257153	0.90751	-1.10192
cg18200827	CCDC150	0.0100568	0.608698	0.958968	-1.04279	0.00138101	0.686352	-1.45698	0.00975637	1.30369	1.30369	0.091907	0.860224	-1.16249	0.993168	1.00069	1.00069
cg15654594	CCDC150	0.0159389	0.00594435	0.493206	-2.02755	0.00533062	0.486108	-2.05716	0.0303798	0.606494	-1.64882	0.0774009	0.679945	-1.47071	0.00230893	0.433183	-2.3085
cg23426304	CCDC150	0.0181543	0.0628192	0.536696	-1.86325	0.00365357	0.310754	-3.21798	0.00960386	0.377297	-2.65043	0.403796	0.775705	-1.28915	0.00258467	0.288919	-3.46118
cg05980785	CCDC150	0.0334697	0.701901	0.867467	-1.15278	0.201472	0.607321	-1.64658	0.384086	0.718965	-1.39089	0.261761	0.648793	-1.54132	0.0180972	0.346014	-2.89005
cg10750464	CCDC151	0.0101677	0.0292282	4.03765	4.03765	0.0158887	4.97528	4.97528	0.0743469	2.94513	2.94513	0.379391	0.612694	-1.63214	0.0027685	0.106237	-9.41292
cg26616731	CCDC151	0.0261907	0.393037	0.78986	-1.26605	0.68352	0.895381	-1.11684	0.00325228	0.338945	-2.95033	0.937764	0.979166	-1.02128	0.00282412	0.329925	-3.031
cg22201588	CCDC151	0.0393268	0.00696471	11.3679	11.3679	0.127017	3.15566	3.15566	0.0586067	4.42654	4.42654	0.56565	1.49835	1.49835	0.642464	0.72213	-1.38479
cg00706019	CCDC151;PRKCSH;PRKCSH	0.000441656	0.00501187	1.49116	1.49116	0.0152363	1.37809	1.37809	0.0598858	1.25666	1.25666	0.0136691	1.38844	1.38844	0.963519	0.99509	-1.00493
cg27646205	CCDC151;PRKCSH;PRKCSH	0.00248059	0.00443068	0.177833	-5.62326	0.153783	2.00257	2.00257	0.00901082	0.220922	-4.52649	0.2265	1.78154	1.78154	0.0110844	0.234937	-4.25645
cg23688479	CCDC152	0.00134345	0.0321646	2.98182	2.98182	0.00463086	5.15601	5.15601	0.0089182	4.25723	4.25723	0.331675	0.646579	-1.5466	0.00703636	4.55827	4.55827
cg16510128	CCDC152	0.0129961	0.935898	0.961016	-1.04057	0.972749	1.01703	1.01703	0.0549144	0.340914	-2.93329	0.863196	0.918276	-1.089	0.00656575	0.174601	-5.72734
cg02741305	CCDC152	0.0142164	0.00700843	2.31547	2.31547	0.00545557	0.414704	-2.41136	0.0118305	0.46916	-2.13147	0.900689	0.970385	-1.03052	0.129085	1.48427	1.48427
cg24581408	CCDC152	0.0170512	0.0208656	0.681311	-1.46776	0.197521	0.828624	-1.20682	0.0605412	0.746731	-1.33917	0.0519498	0.736997	-1.35686	0.106666	1.2752	1.2752
cg08952407	CCDC152	0.0198825	0.0199053	3.78064	3.78064	0.272644	1.71652	1.71652	0.060084	2.72823	2.72823	0.474419	0.708757	-1.41092	0.0910768	2.41269	2.41269
cg18472410	CCDC152	0.0253893	0.0601936	2.67643	2.67643	0.297358	1.65161	1.65161	0.769845	1.14597	1.14597	0.28656	0.598121	-1.6719	0.151454	2.04175	2.04175
cg12585923	CCDC152	0.0321368	0.0172356	3.82881	3.82881	0.133506	2.11453	2.11453	0.133404	2.11502	2.11502	0.897683	1.06133	1.06133	0.0273884	3.34506	3.34506
cg21929564	CCDC152	0.0361744	0.0306803	15.1035	15.1035	0.0162299	23.1933	23.1933	0.0571365	9.98929	9.98929	0.779491	1.35007	1.35007	0.0353479	13.7433	13.7433
cg18050233	CCDC152;SEPP1;SEPP1;SEPP1	0.0289605	0.0261173	0.16602	-6.02336	0.0568328	0.230753	-4.33364	0.0467029	0.212388	-4.70836	0.783479	0.82912	-1.2061	0.00842687	0.10138	-9.86392
cg10353705	CCDC153	0.000811034	0.0289092	0.448436	-2.22997	0.0126253	0.380818	-2.62593	0.000914204	0.213709	-4.67926	0.00113324	0.225126	-4.44195	0.000538309	0.187111	-5.34443
cg24085502	CCDC153	0.0177369	0.993976	0.996905	-1.0031	0.130879	0.511799	-1.95389	0.0101689	0.264225	-3.78465	0.637021	1.21553	1.21553	0.0202201	0.316653	-3.15804
cg05683451	CCDC153	0.023643	0.25788	0.410905	-2.43365	0.0398457	0.166978	-5.98881	0.0206173	0.122415	-8.16891	0.449469	0.55958	-1.78705	0.00744511	0.0745507	-13.4137
cg08401703	CCDC154	0.000189849	0.782394	1.08132	1.08132	0.610202	0.864873	-1.15624	0.0166235	0.437881	-2.28372	0.161564	0.655668	-1.52516	0.000379655	0.201295	-4.96783
cg20100620	CCDC154	0.000446957	0.424261	1.27257	1.27257	0.0020602	0.27746	-3.60412	0.615439	1.16137	1.16137	0.195491	1.49838	1.49838	0.0397446	0.495457	-2.01834
cg08827429	CCDC154	0.00210098	0.109435	0.548762	-1.82228	0.0126211	0.344296	-2.90448	0.0103947	0.32972	-3.03287	0.561111	0.817049	-1.22392	0.00018445	0.113909	-8.77891
cg04837170	CCDC154	0.00372715	0.0341352	0.504512	-1.98211	0.0249053	2.09316	2.09316	0.568047	0.852406	-1.17315	0.102006	1.64099	1.64099	0.269986	0.727698	-1.3742
cg09260653	CCDC154	0.00412844	0.0102466	0.433595	-2.3063	0.00948374	0.427971	-2.33661	0.0256988	0.504515	-1.9821	0.297148	0.756467	-1.32193	0.0257487	0.504674	-1.98148
cg08108655	CCDC154	0.006842	0.622923	0.901659	-1.10907	0.881369	0.96929	-1.03168	0.153211	0.726538	-1.37639	0.378847	1.20753	1.20753	0.000118754	0.245019	-4.08132
cg08026039	CCDC154	0.00732519	0.0807656	0.550527	-1.81644	0.0179349	0.412073	-2.42675	0.325846	0.731486	-1.36708	0.685562	0.882091	-1.13367	0.00745745	0.345784	-2.89198
cg06309980	CCDC154	0.00828185	0.607316	0.857488	-1.1662	0.318485	0.736527	-1.35772	0.000650998	0.212136	-4.71396	0.951114	1.01835	1.01835	0.0882937	0.572457	-1.74685
cg04585389	CCDC154	0.0166719	0.0433014	0.668668	-1.49551	0.0870922	0.720989	-1.38698	0.00181621	0.464112	-2.15465	0.367278	0.851833	-1.17394	0.0896241	0.723238	-1.38267
cg09765014	CCDC154	0.020436	0.0173314	0.118014	-8.47357	0.0319519	0.156715	-6.38101	0.0280003	0.147473	-6.78089	0.746458	0.787256	-1.27023	0.0130727	0.103319	-9.67874
cg00400259	CCDC154	0.0262316	0.0251527	0.164468	-6.0802	0.900309	0.918561	-1.08866	0.191774	0.39194	-2.55141	0.251802	0.444207	-2.2512	0.00899766	0.10527	-9.49942
cg10018216	CCDC154	0.029768	0.024177	0.380173	-2.63038	0.1664	0.588056	-1.70052	0.0123634	0.326084	-3.0667	0.0467197	0.440714	-2.26904	0.016454	0.34831	-2.87101
cg24764861	CCDC154;CLCN7;CLCN7	0.0408742	0.422093	0.860973	-1.16148	0.162586	0.761759	-1.31275	0.968677	0.992858	-1.00719	0.0086152	1.84318	1.84318	0.451596	0.86936	-1.15027
cg14009451	CCDC155	5.12E-05	0.148913	0.739971	-1.3514	0.0139271	0.553787	-1.80575	0.00393353	0.470109	-2.12717	7.39E-05	0.246284	-4.06035	0.000106385	0.264283	-3.78382
cg05211342	CCDC155	0.000640539	0.0354723	0.485499	-2.05974	0.00209107	0.278641	-3.58884	0.00377556	0.315544	-3.16913	0.0143282	0.410182	-2.43794	0.000574772	0.207456	-4.8203
cg03100209	CCDC155	0.00176868	0.0484964	0.405395	-2.46673	0.0467665	0.401749	-2.48912	0.000247623	0.0885872	-11.2883	0.0345926	0.372693	-2.68317	0.0119856	0.284911	-3.50987
cg22133161	CCDC155	0.00429845	0.0258355	2.6978	2.6978	0.0220974	2.79898	2.79898	0.222546	0.618329	-1.61726	0.147547	1.791	1.791	0.00663722	3.74825	3.74825
cg22307029	CCDC155	0.0151343	0.0392731	1.90045	1.90045	0.73498	1.09578	1.09578	0.677364	0.89347	-1.11923	0.453054	1.22849	1.22849	0.103995	1.61374	1.61374
cg22590775	CCDC155	0.0213997	0.0418544	2.57339	2.57339	0.958683	1.0211	1.0211	0.33371	1.49453	1.49453	0.338327	1.48848	1.48848	0.0194847	3.12055	3.12055
cg24324837	CCDC155;CCDC155	0.0257039	0.191834	2.15578	2.15578	0.387879	0.611385	-1.63563	0.0540527	0.296503	-3.37264	0.734569	1.20828	1.20828	0.29499	1.82908	1.82908
cg13016664	CCDC157;SF3A1;SF3A1;CCDC157	0.000595686	0.143927	0.696399	-1.43596	0.00391302	0.408607	-2.44734	0.345537	0.799399	-1.25094	0.0829602	0.642468	-1.5565	0.000213668	0.240481	-4.15834
cg03773282	CCDC158	0.00152655	0.0109326	0.429717	-2.32711	0.0147061	2.21237	2.21237	0.0344726	1.91964	1.91964	0.0151844	0.454457	-2.20043	0.0108175	0.428936	-2.33135
cg03046216	CCDC158	0.00410223	0.00867424	0.714666	-1.39926	0.405757	0.918133	-1.08917	0.145406	0.85471	-1.16999	0.702999	0.962263	-1.03922	0.662761	1.04505	1.04505
cg13557729	CCDC158	0.00542238	0.125876	1.35065	1.35065	0.0466749	0.661393	-1.51196	0.00319665	0.481657	-2.07617	0.68118	1.07786	1.07786	0.280896	1.22558	1.22558
cg15078412	CCDC158	0.0174087	0.00900158	6.29111	6.29111	0.0158515	5.13659	5.13659	0.0794435	2.93919	2.93919	0.0667942	3.1207	3.1207	0.0957463	2.75461	2.75461
cg10582440	CCDC159;LPPR2;LPPR2	0.00104075	0.342294	0.834936	-1.1977	0.10974	0.725083	-1.37915	0.127736	0.738135	-1.35477	0.869863	1.03069	1.03069	8.95E-06	0.169567	-5.89739
cg08405073	CCDC159;TMEM205;TMEM205;TMEM205;TMEM205;TMEM205;TMEM205	0.0492868	0.719782	1.05554	1.05554	0.0175605	0.648169	-1.54281	0.4163	1.13276	1.13276	0.777865	1.04335	1.04335	0.0522842	1.39265	1.39265
cg00762681	CCDC160	0.0179691	0.0607256	0.435879	-2.29422	0.105251	0.498996	-2.00403	0.203523	0.590303	-1.69405	0.78403	1.11393	1.11393	0.00951106	0.275232	-3.6333
cg12228355	CCDC160	0.0478885	0.598014	0.840681	-1.18951	0.916028	0.966185	-1.035	0.0113867	0.355877	-2.80996	0.0372191	0.454388	-2.20076	0.00489342	0.296305	-3.3749
cg01352294	CCDC162	0.000196903	0.000155656	0.229966	-4.34848	0.0932817	0.657691	-1.52047	0.0215324	0.534403	-1.87125	0.000739318	0.312481	-3.2002	5.68E-05	0.18331	-5.45523
cg00509249	CCDC162	0.000352429	0.0896759	0.689361	-1.45062	0.000291933	0.309115	-3.23504	3.02E-05	0.19748	-5.06379	0.000114416	0.260295	-3.8418	0.0108696	0.529506	-1.88855
cg04700938	CCDC163P;CCDC163P;MMACHC	0.0157763	0.142857	0.267054	-3.74457	0.131558	3.91489	3.91489	0.00992459	15.3437	15.3437	0.0512836	6.42787	6.42787	0.220009	0.339187	-2.94822
cg03123370	CCDC163P;CCDC163P;MMACHC	0.0282208	0.661969	0.705816	-1.4168	0.0807407	4.63575	4.63575	0.0146372	10.8105	10.8105	0.154325	3.34527	3.34527	0.420694	0.521271	-1.91839
cg13848568	CCDC163P;CCDC163P;MMACHC	0.0354883	0.496771	0.555256	-1.80097	0.477901	1.85011	1.85011	0.0070498	19.4863	19.4863	0.0715549	5.56068	5.56068	0.238798	0.349248	-2.86329
cg16521245	CCDC163P;CCDC163P;MMACHC	0.0402659	0.40907	0.322217	-3.1035	0.42974	2.9482	2.9482	0.0120015	66.9063	66.9063	0.0642349	16.268	16.268	0.088033	0.0800449	-12.493
cg11803389	CCDC163P;MMACHC	0.0170543	0.416547	0.688471	-1.45249	0.00197687	7.13481	7.13481	0.00788017	4.62968	4.62968	0.249215	1.71846	1.71846	0.142645	2.03077	2.03077
cg00081251	CCDC163P;MMACHC	0.0433747	0.284601	0.42994	-2.32591	0.403148	1.91497	1.91497	0.009059	12.4148	12.4148	0.0442465	5.78335	5.78335	0.527242	0.614798	-1.62655
cg02987388	CCDC17	0.00464091	0.00798195	4.98119	4.98119	0.0243246	3.55176	3.55176	0.0377722	3.11953	3.11953	0.0227878	3.62121	3.62121	0.0046004	5.93584	5.93584
cg14220678	CCDC17	0.0159185	0.00876138	4.91661	4.91661	0.00799648	5.06003	5.06003	0.112883	2.27759	2.27759	0.19553	1.92127	1.92127	0.0478035	2.94298	2.94298
cg11750580	CCDC17	0.0177299	0.0210679	0.401711	-2.48935	0.00511096	3.3741	3.3741	0.0151405	2.66704	2.66704	0.916555	0.966136	-1.03505	0.860753	1.05941	1.05941
cg16907488	CCDC17	0.0179306	0.154794	0.626091	-1.59721	0.602516	0.850809	-1.17535	0.0255343	0.442203	-2.2614	0.166719	0.635491	-1.57359	0.00525789	0.322483	-3.10094
cg00069059	CCDC17	0.0214924	0.128975	0.629816	-1.58776	0.290741	1.36202	1.36202	0.00638902	0.367867	-2.71837	0.381552	1.28777	1.28777	0.0335437	0.496702	-2.01328
cg03335125	CCDC17	0.0381722	0.368084	1.71713	1.71713	0.0011011	16.6724	16.6724	0.35015	1.75488	1.75488	0.766005	0.839848	-1.19069	0.316197	1.83309	1.83309
cg15705203	CCDC17;CCDC17	0.00435335	0.0791907	0.65343	-1.53039	0.673755	0.911691	-1.09686	0.0749572	0.648551	-1.5419	0.193636	0.740583	-1.35029	0.057823	0.626067	-1.59727
cg09893068	CCDC17;CCDC17	0.0283249	0.653007	0.930023	-1.07523	0.00199668	2.01251	2.01251	0.615047	1.08466	1.08466	0.283999	1.1953	1.1953	0.133308	1.29635	1.29635
cg12689888	CCDC18	0.0193656	0.107926	0.370655	-2.69793	0.281805	0.531074	-1.88298	0.352971	0.582301	-1.71732	0.0487439	0.279838	-3.5735	0.000889618	0.0598144	-16.7184
cg18760729	CCDC18;TMED5;TMED5;TMED5	0.00330696	0.232215	1.92206	1.92206	0.474776	1.46092	1.46092	0.493223	1.43749	1.43749	0.923009	0.950837	-1.05171	0.189467	2.06446	2.06446
cg00950718	CCDC19	0.00173214	0.000713673	0.120813	-8.27724	0.0094546	0.259544	-3.85292	0.00113002	0.140144	-7.13553	0.0020011	0.16714	-5.98302	0.0414354	0.381173	-2.62348
cg02849695	CCDC19	0.0108831	0.00182725	46.1731	46.1731	0.0611454	5.78691	5.78691	0.00964808	16.0932	16.0932	?	?	?	?	?	?
cg09451092	CCDC19	0.0230111	0.103615	0.613528	-1.62992	0.263724	0.726316	-1.37681	0.0146633	0.438363	-2.28121	0.381945	0.781833	-1.27905	0.0251889	0.481582	-2.07649
cg21410994	CCDC21	0.000174701	3.34E-06	0.0398057	-25.1221	0.745584	0.908781	-1.10038	0.0754608	0.559101	-1.78859	0.219215	1.46171	1.46171	0.928673	0.974039	-1.02665
cg12744634	CCDC21	0.000247747	0.00341419	2.02548	2.02548	0.00401747	1.98509	1.98509	0.00131257	2.29251	2.29251	0.00207052	2.15839	2.15839	0.175254	1.29139	1.29139
cg11529190	CCDC21	0.00339926	0.302209	1.2559	1.2559	0.353748	0.815947	-1.22557	0.885145	1.03129	1.03129	0.494341	0.862473	-1.15946	0.000530627	0.316576	-3.1588
cg13151135	CCDC21	0.00359083	0.398963	1.14464	1.14464	0.00934527	1.6748	1.6748	0.163487	0.792432	-1.26194	0.019487	1.55543	1.55543	0.285444	0.840668	-1.18953
cg27557317	CCDC21	0.00994617	0.0899967	0.861037	-1.16139	0.00440363	1.35579	1.35579	0.222955	1.10797	1.10797	0.911323	1.00896	1.00896	0.286718	1.09262	1.09262
cg25199536	CCDC21	0.0293731	0.0226466	0.37433	-2.67144	0.115695	0.540259	-1.85096	0.0767432	0.492242	-2.03152	0.00403746	0.248957	-4.01676	0.16551	0.58709	-1.70332
cg26370285	CCDC22;CACNA1F	0.00370622	0.0125642	0.709191	-1.41006	0.146828	0.841661	-1.18813	0.191765	0.858143	-1.16531	0.0275194	0.749329	-1.33453	0.000173656	0.493805	-2.02509
cg10210150	CCDC22;CACNA1F	0.0145005	0.443789	1.21242	1.21242	0.655851	1.11701	1.11701	0.521512	0.851894	-1.17385	0.0284462	1.89267	1.89267	0.0189416	0.496048	-2.01593
cg18473117	CCDC22;CACNA1F	0.0237521	0.205616	0.395344	-2.52944	0.25946	2.26502	2.26502	0.299152	2.11247	2.11247	0.0953625	3.573	3.573	0.10499	0.291936	-3.4254
cg05104476	CCDC22;CCDC22	0.0305115	0.0723373	0.203511	-4.91375	0.0504511	0.170342	-5.87054	0.553118	0.621071	-1.61012	0.432981	1.88746	1.88746	0.119365	0.261393	-3.82566
cg06982917	CCDC23;CCDC23;ERMAP	0.00443196	0.570024	0.896038	-1.11602	0.361207	0.835701	-1.1966	0.615279	1.10175	1.10175	0.0687476	0.677365	-1.47631	5.23E-05	0.235505	-4.2462
cg19300937	CCDC23;ERMAP	2.96E-05	0.00253606	0.510523	-1.95877	0.101399	0.749914	-1.33349	0.00169563	0.486975	-2.05349	0.088571	0.739737	-1.35183	3.93E-06	0.17851	-5.60191
cg04413085	CCDC23;ERMAP	0.000313128	0.175892	0.753215	-1.32764	0.166867	0.748098	-1.33672	0.227312	1.2835	1.2835	0.353583	0.828648	-1.20678	4.07E-05	0.213995	-4.67301
cg00410895	CCDC23;ERMAP	0.00048614	0.15754	0.686666	-1.45631	0.25996	0.74657	-1.33946	0.2659	0.749501	-1.33422	0.964561	0.98901	-1.01111	0.00949016	0.441578	-2.2646
cg13060851	CCDC23;ERMAP	0.0334487	0.121146	0.658819	-1.51787	0.515927	1.17769	1.17769	0.499785	1.18541	1.18541	0.897234	0.968424	-1.03261	0.00419686	0.385887	-2.59143
cg18161654	CCDC24	0.000809857	0.556567	1.02678	1.02678	0.00661125	0.85496	-1.16965	9.38E-05	1.36275	1.36275	0.475527	1.03277	1.03277	0.15145	0.93397	-1.0707
cg04921669	CCDC24	0.00336656	0.00441497	1.57434	1.57434	0.079253	1.262	1.262	0.00712762	0.660283	-1.5145	0.00777066	1.50415	1.50415	0.0393773	1.3293	1.3293
cg17830040	CCDC24	0.00604729	0.656106	0.911828	-1.0967	0.3435	1.2226	1.2226	0.0230198	1.75054	1.75054	0.65988	0.912828	-1.0955	0.172883	1.34815	1.34815
cg20302139	CCDC24	0.0135897	0.00534836	0.393005	-2.5445	0.266455	1.34279	1.34279	0.058238	1.72436	1.72436	0.635764	0.885631	-1.12914	0.0686297	0.595205	-1.68009
cg04323187	CCDC24	0.0209958	0.209858	1.16952	1.16952	0.00455338	1.56478	1.56478	0.00530559	1.54553	1.54553	0.486195	1.08746	1.08746	0.884839	1.01732	1.01732
cg12844298	CCDC25	0.00267976	0.287799	0.86299	-1.15876	0.110873	0.793006	-1.26102	0.457262	0.903864	-1.10636	0.0014117	0.539524	-1.85349	7.44E-05	0.382571	-2.61389
cg16735490	CCDC25	0.0198411	0.207309	0.839336	-1.19142	0.0060616	0.623717	-1.60329	0.217128	1.18653	1.18653	0.723494	0.954291	-1.0479	0.131482	0.806979	-1.23919
cg09039475	CCDC25	0.0330579	0.0599121	0.667725	-1.49762	0.164062	0.753884	-1.32646	0.329477	1.21104	1.21104	0.229302	1.27127	1.27127	0.0506209	0.654558	-1.52775
cg26534677	CCDC25	0.0354569	0.0714	0.281328	-3.55457	0.00478246	0.0945297	-10.5787	0.064646	0.270571	-3.69589	0.387768	0.5726	-1.74642	0.0390417	0.222116	-4.50215
cg17482963	CCDC25	0.0355865	0.011611	0.201058	-4.97368	0.751806	0.851021	-1.17506	0.269264	0.557119	-1.79495	0.0639725	0.346957	-2.8822	0.00318842	0.129064	-7.7481
cg22269486	CCDC25;CCDC25	0.0104537	?	?	?	0.00395369	0.159774	-6.25885	0.322881	1.48982	1.48982	0.676242	0.851211	-1.1748	0.0250559	0.316795	-3.15662
cg22942897	CCDC27	0.000734794	0.000683972	0.196329	-5.0935	0.000331356	0.162294	-6.16165	0.00584657	0.322264	-3.10304	0.855212	0.94429	-1.059	0.00105107	0.218445	-4.57781
cg17217195	CCDC27	0.0039592	0.0636095	1.55128	1.55128	0.166131	0.732788	-1.36465	0.224348	0.764349	-1.3083	0.433012	1.18348	1.18348	0.00166069	0.387754	-2.57896
cg07997596	CCDC27	0.00470804	0.306695	0.731676	-1.36673	0.00419173	0.322258	-3.1031	0.00528814	0.337776	-2.96054	0.000561008	0.206134	-4.85121	0.00371612	0.314398	-3.18068
cg03937687	CCDC27	0.00509841	0.638946	1.07119	1.07119	0.978566	0.996098	-1.00392	0.000247898	0.414602	-2.41195	0.250129	1.19113	1.19113	0.987653	0.997751	-1.00225
cg26785743	CCDC27	0.0104514	0.0998697	2.0911	2.0911	0.922306	1.04072	1.04072	0.451541	0.730663	-1.36862	0.559667	1.27293	1.27293	0.452565	0.731201	-1.36761
cg24658280	CCDC27	0.0104601	0.0169518	0.593194	-1.68579	0.744798	1.06032	1.06032	0.0197833	1.65644	1.65644	0.48041	1.13727	1.13727	0.65994	0.923669	-1.08264
cg00788699	CCDC27	0.0147013	0.0147368	0.335032	-2.98479	0.00142517	0.186162	-5.37167	0.0168359	0.345568	-2.89379	0.273786	0.660404	-1.51422	0.037784	0.415746	-2.40531
cg10634712	CCDC27	0.0270609	0.943437	0.971624	-1.0292	0.00386988	0.206265	-4.84813	0.00360367	0.202148	-4.94688	0.707089	1.16549	1.16549	0.645407	0.828638	-1.2068
cg08670691	CCDC27	0.0281468	0.0120165	0.402427	-2.48492	0.172087	1.52551	1.52551	0.347019	1.32492	1.32492	0.492148	1.22471	1.22471	0.0169687	0.429147	-2.33021
cg22675593	CCDC27	0.0415202	0.90517	1.05621	1.05621	0.752319	1.15634	1.15634	0.165558	0.507346	-1.97104	0.158512	1.99692	1.99692	0.0192578	0.272789	-3.66583
cg24853517	CCDC28A	9.02E-06	5.06E-05	0.239515	-4.1751	0.661943	0.920568	-1.08629	5.00E-06	0.141302	-7.07702	0.454541	1.15408	1.15408	8.40E-07	0.084374	-11.852
cg10367214	CCDC28A	0.00405783	0.000650873	0.293102	-3.41178	0.414811	1.21614	1.21614	0.721411	1.08768	1.08768	0.243928	0.751118	-1.33135	0.756871	0.929692	-1.07562
cg26032450	CCDC28A	0.0089764	0.600312	0.891132	-1.12217	0.00142024	2.73631	2.73631	0.0105092	2.01774	2.01774	0.807083	0.948059	-1.05479	0.0623946	1.57979	1.57979
cg09493401	CCDC28A	0.0123079	0.770915	0.907465	-1.10197	0.368912	1.35921	1.35921	0.915303	0.965238	-1.03601	0.793031	0.916265	-1.09139	0.685219	1.14514	1.14514
cg11017746	CCDC28A	0.0375914	0.349919	0.810964	-1.2331	0.578225	0.884877	-1.1301	0.737341	0.929322	-1.07605	0.0331049	1.72037	1.72037	0.146257	0.712031	-1.40443
cg27199523	CCDC28A;CCDC28A	0.0147262	0.0120582	0.620283	-1.61217	0.00563518	1.74068	1.74068	0.0409048	1.43331	1.43331	0.231479	0.825751	-1.21102	0.846245	0.970818	-1.03006
cg01235983	CCDC28B	0.0133293	0.111251	0.652966	-1.53147	0.115783	1.52195	1.52195	0.153321	0.686839	-1.45595	0.604085	1.13714	1.13714	0.00805327	0.434326	-2.30242
cg01024473	CCDC28B	0.0180835	0.00857737	0.43113	-2.31948	0.0102227	2.25349	2.25349	0.131368	1.5049	1.5049	0.263707	0.746497	-1.33959	0.0474655	0.566112	-1.76644
cg12462377	CCDC28B	0.026215	0.00960915	0.48048	-2.08125	0.199942	0.738787	-1.35357	0.17949	0.727032	-1.37546	0.0194265	0.531633	-1.881	0.001688	0.366643	-2.72745
cg22348752	CCDC28B	0.0429551	0.885675	0.950304	-1.0523	0.058795	2.13028	2.13028	0.0400335	2.31829	2.31829	0.149631	1.72868	1.72868	0.00625624	0.282989	-3.53371
cg17105151	CCDC28B;CCDC28B	0.0259025	0.783748	1.02579	1.02579	0.063859	0.824652	-1.21263	0.00924569	0.73657	-1.35764	0.180164	0.876576	-1.1408	0.03473	0.796265	-1.25586
cg05065602	CCDC3	0.00494363	0.0369327	1.45933	1.45933	0.00154028	0.491332	-2.03528	0.0449233	0.698381	-1.43188	0.0588754	0.71692	-1.39486	0.815391	0.964177	-1.03715
cg03098012	CCDC3	0.0155124	0.0101029	0.615132	-1.62567	0.0236897	1.49833	1.49833	0.0719179	1.35093	1.35093	0.173559	0.805102	-1.24208	0.0878658	0.754246	-1.32583
cg07418777	CCDC3	0.0315352	0.440219	0.87021	-1.14915	0.962526	0.991736	-1.00833	0.917697	1.01842	1.01842	0.294496	1.21171	1.21171	0.0382824	0.654396	-1.52813
cg20647888	CCDC3	0.0476049	0.809419	1.07631	1.07631	0.339102	1.3497	1.3497	0.00346857	3.34524	3.34524	0.702983	1.12366	1.12366	0.0488438	1.9831	1.9831
cg24501381	CCDC30	0.00348443	0.355277	0.738897	-1.35337	0.00944507	0.351071	-2.84843	0.0223327	0.41845	-2.38977	0.0329818	0.452248	-2.21118	0.000783526	0.198678	-5.03326
cg01324543	CCDC30	0.00969259	0.0105908	0.148148	-6.75001	0.00695924	0.125693	-7.95592	0.0376638	0.238792	-4.18774	0.025655	0.207114	-4.82825	0.00298473	0.0889483	-11.2425
cg06369322	CCDC33	0.00701262	0.0235303	0.545785	-1.83222	0.0555718	0.615292	-1.62525	0.00119499	0.345416	-2.89506	0.60486	1.12395	1.12395	0.00549864	0.441718	-2.26389
cg02390801	CCDC33	0.00774933	0.0165164	0.507824	-1.96919	0.917603	0.976342	-1.02423	0.0860306	0.644744	-1.551	0.0659405	0.620437	-1.61177	0.991238	0.997463	-1.00254
cg14860680	CCDC33	0.0121205	0.223003	0.713435	-1.40167	0.0159218	0.459097	-2.17819	0.00247722	0.329768	-3.03243	0.0885807	0.609319	-1.64118	0.338763	0.771029	-1.29697
cg04198210	CCDC33	0.0181836	0.0166767	0.474618	-2.10696	0.993191	1.00218	1.00218	0.282114	0.752004	-1.32978	0.215924	0.717429	-1.39387	0.5598	0.860395	-1.16226
cg02346043	CCDC33	0.0201006	0.917336	0.982649	-1.01766	0.0194272	0.621012	-1.61027	0.00697632	0.555233	-1.80105	0.597447	1.09401	1.09401	0.988567	0.997587	-1.00242
cg24785741	CCDC33	0.0244912	0.0239037	0.413824	-2.41649	0.156371	0.608728	-1.64277	0.0283286	0.428496	-2.33374	0.31213	0.710123	-1.40821	0.00485361	0.294416	-3.39656
cg09438837	CCDC33	0.0311793	0.990309	1.00108	1.00108	0.0403768	0.809765	-1.23493	0.324225	0.913266	-1.09497	0.159125	1.14351	1.14351	0.42733	0.930323	-1.0749
cg03238691	CCDC33	0.0427953	0.017283	0.461575	-2.1665	0.292889	0.747588	-1.33764	0.981641	0.993884	-1.00615	0.109203	0.627721	-1.59306	0.0441265	0.539802	-1.85253
cg02079584	CCDC33;CCDC33	0.00112552	0.00832801	0.551458	-1.81338	0.00032301	0.358232	-2.79149	0.0160689	0.594521	-1.68203	0.00914263	0.557469	-1.79382	0.172302	0.773835	-1.29227
cg08932277	CCDC33;CCDC33	0.0398897	0.721918	0.84821	-1.17895	0.27031	0.58933	-1.69684	0.0017397	0.127835	-7.82259	0.836433	0.909157	-1.09992	0.00814174	0.210047	-4.76084
cg01504424	CCDC34;CCDC34	9.68E-05	0.736534	0.978867	-1.02159	5.30E-05	1.61192	1.61192	0.0429774	0.863015	-1.15873	0.0218542	0.840263	-1.1901	0.0538404	0.870687	-1.14852
cg14599023	CCDC34;CCDC34	0.000684261	0.00395858	0.781994	-1.27878	5.58E-05	1.60872	1.60872	0.938749	1.00489	1.00489	0.87253	1.01024	1.01024	0.792743	0.98343	-1.01685
cg09605191	CCDC34;CCDC34	0.000992691	0.865784	0.977693	-1.02282	0.000449723	0.478105	-2.09159	0.000363228	0.466661	-2.14288	0.388835	1.12499	1.12499	0.00401105	1.67465	1.67465
cg05228377	CCDC34;CCDC34	0.00406671	0.006548	0.467318	-2.13987	0.00309359	0.418165	-2.3914	0.110179	0.687311	-1.45495	0.666127	0.910745	-1.098	0.0140076	0.520243	-1.92218

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03154774	0.373886	1.18914	1.18914	0.35811	1.19644	1.19644	0.700466	0.929265	-1.07612	0.0906469	1.42447	1.42447	8.88117	5.06644	0.507084	1
cg13317079	0.428794	0.93586	-1.06854	0.0589495	0.839435	-1.19128	0.000307778	0.6183	-1.61734	0.566853	0.953605	-1.04865	6.65033	0.70933	0.0948097	1
cg18200827	0.038987	1.21398	1.21398	0.633864	1.0397	1.0397	0.639737	1.03899	1.03899	0.11571	1.14883	1.14883	5.89993	0.615253	0.0926946	1
cg15654594	0.113192	0.712675	-1.40316	0.398499	0.843789	-1.18513	0.417044	0.849617	-1.177	0.0353561	0.617866	-1.61847	5.07745	3.10478	0.543542	1
cg23426304	0.0417359	0.497661	-2.0094	0.447101	0.794239	-1.25907	0.723385	0.899737	-1.11144	0.0880587	0.571423	-1.75002	4.86115	6.80488	1.24431	1
cg05980785	0.0154964	0.33361	-2.99751	0.0911698	0.502658	-1.98942	0.0352081	2.47656	2.47656	0.0277431	0.382193	-2.61648	3.93003	8.50714	1.92413	1
cg10750464	0.447255	0.656514	-1.5232	0.0407949	0.277244	-3.60693	0.378212	1.63422	1.63422	0.417901	1.56786	1.56786	5.87925	27.4806	4.15482	1
cg26616731	0.302085	1.33408	1.33408	0.113632	0.628692	-1.5906	0.346459	0.769977	-1.29874	0.133632	0.646497	-1.5468	4.28711	4.93555	1.02334	1
cg22201588	0.864614	0.887959	-1.12618	0.159811	0.351384	-2.84589	0.109153	3.3751	3.3751	0.0151674	7.98202	7.98202	3.70621	28.4601	6.8258	1
cg00706019	0.702855	0.959595	-1.04211	2.07E-05	0.39661	-2.52137	0.167497	0.853573	-1.17155	0.877824	1.01669	1.01669	14.7901	2.71248	0.163021	1
cg27646205	0.0494655	0.3608	-2.77162	0.000662152	0.0933868	-10.7081	0.00241756	0.146453	-6.82811	0.0591823	0.379549	-2.63471	9.05278	29.6498	2.9113	1
cg23688479	0.32986	1.5493	1.5493	0.000330477	12.4756	12.4756	0.00924126	0.237297	-4.21414	0.00673543	4.61659	4.61659	10.8167	32.4747	2.66869	1
cg16510128	0.177951	0.492804	-2.0292	0.00150931	0.104372	-9.58111	0.00326414	0.137724	-7.2609	0.352136	0.622916	-1.60535	5.43069	21.0194	3.44043	1
cg02741305	0.985317	1.00444	1.00444	0.902933	0.971048	-1.02982	0.37737	0.804033	-1.24373	0.163459	0.698979	-1.43066	5.27322	4.84266	0.816311	1
cg24581408	0.225198	0.838794	-1.19219	0.0347395	1.4045	1.4045	0.00760002	0.622665	-1.606	0.150877	0.808599	-1.23671	4.96448	1.49747	0.268121	1
cg08952407	0.322479	1.62195	1.62195	0.00504087	5.78444	5.78444	0.0506842	0.348658	-2.86814	0.0269349	3.45524	3.45524	4.71399	16.7183	3.15248	1
cg18472410	0.346418	1.56879	1.56879	0.00865647	4.73184	4.73184	0.00979278	0.219428	-4.55729	0.0926237	2.3619	2.3619	4.33386	14.8045	3.03645	1
cg12585923	0.10281	2.28377	2.28377	0.00746526	4.92256	4.92256	0.120716	0.459019	-2.17856	0.102487	2.28587	2.28587	3.98779	13.5208	3.01383	1
cg21929564	0.194069	4.34607	4.34607	0.00828727	36.9549	36.9549	0.528321	0.505008	-1.98017	0.0472062	11.3396	11.3396	3.82112	69.2063	16.0991	1
cg18050233	0.103312	0.297558	-3.36069	0.00544123	0.0830827	-12.0362	0.925513	1.06568	1.06568	0.0406055	0.200197	-4.99508	4.13822	30.3331	6.51553	1
cg10353705	0.0361727	0.468376	-2.13504	0.000192615	0.14161	-7.06167	0.000599348	0.192328	-5.19944	0.132525	0.603287	-1.65759	12.4839	19.1652	1.36462	1
cg24085502	0.0307482	0.352769	-2.83472	0.0890406	0.462966	-2.15998	0.00149652	0.152633	-6.55167	0.112868	0.492318	-2.03121	4.89931	13.0838	2.37381	1
cg05683451	0.368359	2.00576	2.00576	0.00298726	0.0465044	-21.5033	0.150869	0.313578	-3.189	0.151616	0.314336	-3.1813	4.44237	39.9257	7.98886	1
cg08401703	0.000183926	0.167842	-5.95799	7.55E-06	0.0620363	-16.1196	0.749563	1.09465	1.09465	0.0172737	0.440909	-2.26804	18.6323	23.5274	1.12242	1
cg20100620	0.44489	0.794507	-1.25864	1.98E-05	0.0778079	-12.8522	0.00254938	0.290411	-3.4434	0.00205867	0.277416	-3.6047	14.7414	20.3685	1.22819	1
cg08827429	0.0034873	0.255921	-3.90745	0.000580455	0.160477	-6.23143	0.679839	0.867031	-1.15336	0.048438	0.460585	-2.17115	9.50437	17.7953	1.66429	1
cg04837170	0.288502	0.737175	-1.35653	0.000149194	0.16478	-6.0687	0.0585521	0.553563	-1.80648	0.643296	0.878927	-1.13775	8.02118	9.72879	1.07812	1
cg09260653	0.00490192	0.381878	-2.61864	0.000176561	0.193624	-5.16464	0.0257208	0.504585	-1.98183	0.200492	0.705284	-1.41787	7.77798	8.21324	0.938631	1
cg08108655	0.550016	0.881332	-1.13465	0.612736	1.1125	1.1125	0.865975	0.965333	-1.03591	0.018538	0.550786	-1.81559	6.66234	4.60335	0.614179	1
cg08026039	0.0227501	0.431606	-2.31693	0.000215457	0.149034	-6.70988	0.233894	0.680693	-1.46909	0.681424	0.880535	-1.13567	6.52198	9.81279	1.3374	1
cg06309980	0.756085	0.911724	-1.09682	0.000700497	0.215899	-4.6318	0.0837537	0.566865	-1.76409	0.218247	0.681049	-1.46832	6.27532	8.74333	1.23848	1
cg04585389	0.670423	0.928558	-1.07694	0.00165737	0.458686	-2.18014	0.279017	0.82293	-1.21517	0.0498348	0.678848	-1.47308	5.00195	2.3751	0.422075	1
cg09765014	0.396888	0.527464	-1.89586	0.00198214	0.0398967	-25.0647	0.138698	0.308734	-3.23903	0.0376673	0.169014	-5.91668	4.67018	40.2149	7.65422	1
cg00400259	0.0340025	0.186865	-5.35145	0.0019261	0.051019	-19.6006	0.723307	0.785883	-1.27245	0.126198	0.325805	-3.06932	4.28477	31.1769	6.46774	1
cg10018216	0.0461886	0.43959	-2.27485	0.00571716	0.271501	-3.68323	0.075052	0.490031	-2.04069	0.0871149	0.506755	-1.97334	4.09811	8.40281	1.82259	1
cg24764861	0.0351789	0.638991	-1.56497	0.0430079	0.653729	-1.52969	0.509701	0.885077	-1.12985	0.0693632	0.690154	-1.44895	3.65388	1.92825	0.469089	1
cg14009451	2.18E-05	0.190196	-5.25774	0.0003813	0.331638	-3.01533	7.77E-06	0.148386	-6.73917	0.232537	0.783836	-1.27578	26.4515	15.8554	0.532812	1
cg05211342	0.00137382	0.254097	-3.9355	3.38E-05	0.0933748	-10.7095	0.0241486	0.452264	-2.2111	0.0311332	0.473989	-2.10975	13.3382	18.3998	1.2262	1
cg03100209	0.73333	0.871982	-1.14681	0.000433706	0.107665	-9.28804	0.000843275	0.133865	-7.47023	0.0658795	0.437517	-2.28562	9.99251	25.3937	2.25891	1
cg22133161	0.0380034	0.405704	-2.46485	0.000958059	6.32836	6.32836	0.00989728	3.39464	3.39464	0.328944	1.45918	1.45918	7.68367	17.1159	1.98006	1
cg22307029	0.15562	1.50535	1.50535	0.000684678	4.04048	4.04048	0.0400945	1.89388	1.89388	0.111546	0.627131	-1.59456	5.16544	5.92925	1.02033	1
cg22590775	0.0293265	2.81365	2.81365	0.043192	2.55321	2.55321	0.00595114	4.2604	4.2604	0.0546896	0.415493	-2.40678	4.59731	11.825	2.28637	1
cg24324837	0.110512	2.62969	2.62969	0.00982381	6.13817	6.13817	0.102134	2.70368	2.70368	0.0195962	0.208474	-4.79677	4.31529	21.1246	4.35138	1
cg13016664	1.81E-05	0.133101	-7.51307	0.46608	0.842868	-1.18643	0.958865	0.988183	-1.01196	0.309238	0.784647	-1.27446	13.6112	11.45	0.747748	1
cg03773282	0.0414443	1.86237	1.86237	0.00143254	3.38444	3.38444	0.0853533	1.65357	1.65357	0.0202648	2.09628	2.09628	10.4268	11.5473	0.984419	1
cg03046216	0.0278895	1.29813	1.29813	0.000252076	1.8331	1.8331	0.253562	0.887155	-1.1272	0.734961	0.966455	-1.03471	7.79294	1.24456	0.141959	1
cg13557729	0.838835	1.03765	1.03765	0.000891998	2.46719	2.46719	0.350056	0.839811	-1.19074	0.101489	0.722223	-1.38461	7.15871	3.7347	0.463733	1
cg15078412	0.0349609	3.89952	3.89952	0.0283405	4.19281	4.19281	0.00195573	11.3008	11.3008	0.0265615	4.28806	4.28806	4.93011	23.9456	4.31734	1
cg10582440	0.046337	0.656519	-1.52319	0.402252	0.853803	-1.17123	0.0608185	0.677288	-1.47648	0.492254	0.879329	-1.13723	11.6339	6.26372	0.478579	1
cg08405073	0.0715889	1.3524	1.3524	0.0175962	1.54251	1.54251	0.485122	0.899029	-1.11231	0.372704	1.14719	1.14719	3.40667	1.21475	0.316959	1
cg00762681	0.2993	0.655417	-1.52575	0.00271833	0.19671	-5.08363	0.083604	2.12139	2.12139	0.0400254	0.393734	-2.53978	4.87794	11.9165	2.1715	1
cg12228355	0.660414	1.15512	1.15512	0.507613	1.24513	1.24513	0.703532	0.882756	-1.13282	0.961631	1.01581	1.01581	3.44399	5.80257	1.49763	1
cg01352294	0.000244623	0.252635	-3.95829	7.58E-05	0.196093	-5.09961	0.100488	0.664728	-1.50437	0.00494571	0.429647	-2.32749	18.4491	15.0521	0.725221	1
cg00509249	0.0107417	0.528696	-1.89144	0.230223	0.778588	-1.28438	0.017037	0.560804	-1.78315	0.00377933	0.459813	-2.1748	15.7393	9.85421	0.556524	1
cg04700938	0.376414	0.467197	-2.14042	0.00852488	16.6821	16.6821	0.0169685	11.4846	11.4846	0.549825	0.602127	-1.66078	5.09478	56.7157	9.89522	1
cg03123370	0.511784	0.59039	-1.6938	0.00741473	15.3577	15.3577	0.0165107	10.1717	10.1717	0.44867	0.542553	-1.84314	4.1762	41.4833	8.82955	1
cg13848568	0.526148	0.578286	-1.72925	0.0541369	6.44746	6.44746	0.0114747	14.8311	14.8311	0.898316	1.11518	1.11518	3.84777	44.3065	10.2354	1
cg16521245	0.677963	0.57114	-1.75089	0.0686517	15.3892	15.3892	0.0186865	45.7559	45.7559	0.666098	1.7902	1.7902	3.67416	104.698	25.3297	1
cg11803389	0.262015	1.69181	1.69181	0.194552	1.85324	1.85324	0.00682559	4.83296	4.83296	0.729936	0.855736	-1.16858	4.96419	15.8901	2.84528	1
cg00081251	0.6961	0.742233	-1.34729	0.0364497	6.3374	6.3374	0.0221696	8.02539	8.02539	0.933439	1.06549	1.06549	3.57429	32.6469	8.11893	1
cg02987388	0.335234	1.5988	1.5988	0.000323716	15.5753	15.5753	0.00686577	5.22245	5.22245	0.021939	3.66231	3.66231	7.5071	26.5116	3.13914	1
cg14220678	0.463695	1.42728	1.42728	0.00643844	5.42081	5.42081	0.00320145	6.81707	6.81707	0.0439434	3.0173	3.0173	5.07961	18.3044	3.20311	1
cg11750580	0.609965	0.84441	-1.18426	0.950135	1.02077	1.02077	0.0241281	2.42048	2.42048	0.114311	1.75876	1.75876	4.89996	8.38541	1.52118	1
cg16907488	0.0251459	0.440898	-2.2681	0.00123837	0.234158	-4.27061	0.461599	0.794165	-1.25918	0.0700307	0.536404	-1.86427	4.88146	7.31025	1.33116	1
cg00069059	0.0226763	0.463566	-2.15719	0.0321449	0.493001	-2.0284	0.823731	0.939066	-1.06489	0.0159341	0.435274	-2.29741	4.59051	5.77363	1.11798	1
cg03335125	0.390374	1.67315	1.67315	0.0219456	4.99028	4.99028	0.11202	2.75109	2.75109	0.902367	0.930746	-1.07441	3.74693	20.2949	4.81458	1
cg15705203	0.00263672	0.403031	-2.4812	0.000408424	0.29348	-3.40738	0.995355	1.00127	1.00127	0.00112888	0.351217	-2.84725	7.65421	5.77927	0.671151	1
cg09893068	0.0227529	0.64602	-1.54794	0.474533	1.12363	1.12363	0.320076	0.848169	-1.17901	0.710498	0.941991	-1.06158	4.17079	1.69692	0.361652	1
cg12689888	0.00484569	0.12077	-8.28018	0.660276	0.7786	-1.28436	0.862241	0.906405	-1.10326	0.0889298	0.345918	-2.89086	4.75629	24.1153	4.50684	1
cg18760729	5.72E-05	0.0203588	-49.1189	0.161003	2.18321	2.18321	0.284774	0.560203	-1.78507	0.648019	0.786861	-1.27087	8.31356	35.811	3.82893	1
cg00950718	0.045725	0.390859	-2.55847	0.000539901	0.110049	-9.08687	0.0308234	0.353446	-2.82929	0.00356581	0.198045	-5.04937	10.0531	26.7807	2.36793	1
cg02849695	0.669362	1.42061	1.42061	0.0239978	9.59536	9.59536	0.226598	2.84197	2.84197	0.00556499	22.3928	22.3928	6.78608	54.5644	8.04063	1
cg09451092	0.741127	1.09526	1.09526	0.0840568	1.68988	1.68988	0.233984	0.710027	-1.4084	0.00327398	0.33283	-3.00454	4.48411	5.35003	1.06054	1
cg21410994	0.025422	0.458206	-2.18242	0.870659	0.953253	-1.04904	0.244831	1.42965	1.42965	0.00355863	3.19119	3.19119	19.0564	26.0512	1.21517	1
cg12744634	0.330959	0.836985	-1.19476	0.000220861	0.335668	-2.97913	0.000247326	2.92583	2.92583	0.153413	1.3115	1.3115	17.3327	8.63871	0.443028	1
cg11529190	0.727075	0.928022	-1.07756	0.0408456	0.604558	-1.6541	0.000817126	2.93162	2.93162	0.538256	1.14208	1.14208	8.24551	5.93513	0.639823	1
cg13151135	0.185433	0.80278	-1.24567	0.00268081	0.522443	-1.91409	0.00221848	1.95541	1.95541	0.154732	1.26905	1.26905	8.11133	3.14395	0.344533	1
cg27557317	0.1307	1.13959	1.13959	0.00863987	0.764861	-1.30743	0.49869	1.05653	1.05653	0.00642181	1.32823	1.32823	5.92083	0.601121	0.0902458	1
cg25199536	0.028253	0.393501	-2.54129	0.00726323	0.287395	-3.47953	0.302921	0.680971	-1.46849	0.0543897	0.455683	-2.19451	4.11756	8.45474	1.82519	1
cg26370285	0.903773	0.9867	-1.01348	0.0308219	0.755226	-1.32411	0.0318372	1.32115	1.32115	0.870667	0.982123	-1.0182	8.03475	1.55955	0.172534	1
cg10210150	0.0420056	0.560964	-1.78264	0.155626	1.45474	1.45474	0.0396076	1.79878	1.79878	0.0072631	2.34983	2.34983	5.23896	5.05015	0.856855	1
cg18473117	0.0634159	0.234407	-4.26609	0.454193	0.588695	-1.69867	0.00780934	10.7322	10.7322	0.0234122	6.56715	6.56715	4.43531	33.9289	6.79977	1
cg05104476	0.00231448	0.0340923	-29.3321	0.39644	1.9925	1.9925	0.327825	2.22969	2.22969	0.335978	2.19815	2.19815	4.06235	40.5491	8.87261	1
cg06982917	0.704906	1.07547	1.07547	0.485533	1.14513	1.14513	0.433783	0.858359	-1.16501	0.363318	0.836396	-1.19561	7.61281	4.40883	0.514785	1
cg19300937	0.000626891	0.430093	-2.32508	2.05E-06	0.153038	-6.53431	0.863537	0.972774	-1.02799	0.00216549	0.501245	-1.99503	30.5777	12.4691	0.362474	1
cg04413085	0.495343	1.14607	1.14607	5.30E-05	0.22621	-4.42067	0.058739	1.52263	1.52263	0.0910904	1.44268	1.44268	16.2583	9.98568	0.545946	1
cg00410895	0.0110263	0.452457	-2.21015	0.000193686	0.210076	-4.76017	1.37E-05	0.104354	-9.58278	0.0430527	0.56045	-1.78428	14.4024	14.111	0.870908	1
cg13060851	0.00709651	0.4216	-2.37192	0.907861	1.02917	1.02917	0.402001	1.23735	1.23735	0.438951	1.21654	1.21654	3.93092	3.83836	0.867959	1
cg18161654	0.0707914	1.09388	1.09388	0.00522354	0.848938	-1.17794	0.0716654	0.914491	-1.0935	0.0128342	1.14723	1.14723	12.489	0.390713	0.0278086	1
cg04921669	0.389749	1.111	1.111	0.00482443	0.639825	-1.56293	0.352833	0.892096	-1.12096	0.570328	0.933789	-1.07091	8.26935	1.86812	0.200808	1
cg17830040	0.814489	0.952745	-1.0496	0.00572791	0.474254	-2.10858	0.000669393	0.342327	-2.92118	0.166347	1.35519	1.35519	6.92236	4.65026	0.597132	1
cg20302139	0.961204	0.987694	-1.01246	0.0919107	1.60374	1.60374	0.0493714	1.76998	1.76998	0.0130441	2.19027	2.19027	5.35188	5.49283	0.912298	1
cg04323187	0.0655004	0.782742	-1.27756	0.668584	0.950251	-1.05235	0.380345	0.898861	-1.11252	0.0876845	1.25027	1.25027	4.62734	1.02897	0.197661	1
cg12844298	0.1839	0.82843	-1.2071	0.199319	1.1985	1.1985	0.811866	0.968665	-1.03235	0.423654	0.896633	-1.11528	8.84904	2.49846	0.250971	1
cg16735490	0.27183	1.1626	1.1626	0.0055587	0.618928	-1.6157	0.317032	0.872637	-1.14595	0.0730337	1.30127	1.30127	4.71733	1.29608	0.24422	1
cg09039475	0.120565	0.725894	-1.37761	0.00385387	0.476686	-2.09782	0.72308	1.07004	1.07004	0.331185	1.21017	1.21017	3.94757	2.26328	0.509632	1
cg26534677	0.0421941	0.22897	-4.36739	0.0102732	0.130377	-7.67009	0.0353629	0.213669	-4.68013	0.262175	0.478833	-2.08841	3.84901	24.1841	5.58506	1
cg17482963	0.285107	0.568636	-1.75859	0.0160786	0.223617	-4.47192	0.316553	0.590687	-1.69294	0.0737798	0.362994	-2.75487	3.84392	15.7383	3.63942	1
cg22269486	0.00280399	0.137354	-7.28044	0.648968	1.19234	1.19234	?	?	?	?	?	?	10.4607	14.8038	1.17933	1
cg22942897	0.00385839	0.294712	-3.39314	0.000269668	0.153351	-6.52098	0.0101681	0.361617	-2.76536	0.00708691	0.335588	-2.97985	12.8351	20.0192	1.38642	1
cg17217195	0.388083	1.20472	1.20472	0.00072494	0.338798	-2.95161	0.0826951	1.49872	1.49872	0.0659902	0.647739	-1.54383	7.87679	5.52998	0.624054	1
cg07997596	0.0359766	0.486647	-2.05488	0.00958684	0.379743	-2.63336	0.0355004	0.485457	-2.05992	0.0416495	0.499902	-2.00039	7.47439	10.3174	1.227	1
cg03937687	0.16377	0.805523	-1.24143	0.00328101	0.558166	-1.79158	0.0177249	0.65725	-1.52149	0.213853	0.826566	-1.20983	7.29504	2.44701	0.298165	1
cg26785743	0.91908	0.959279	-1.04245	0.000201601	0.0779711	-12.8253	0.23532	1.66337	1.66337	0.557456	0.784494	-1.27471	5.82761	15.4475	2.35622	1
cg24658280	0.254815	0.807986	-1.23765	0.0112591	1.76713	1.76713	0.00513127	1.94053	1.94053	0.0340612	1.55829	1.55829	5.82605	2.96728	0.452722	1
cg00788699	0.0858489	0.500776	-1.9969	0.00914965	0.299383	-3.34021	0.0289574	0.391376	-2.55509	0.057453	0.457104	-2.18769	5.21524	10.9632	1.86858	1
cg10634712	0.616894	0.814961	-1.22705	0.0438735	0.390759	-2.55912	0.627924	0.820263	-1.21912	0.298402	1.54849	1.54849	4.23831	11.0477	2.317	1
cg08670691	0.373483	0.766865	-1.30401	0.0751135	0.562233	-1.77862	0.407099	1.27941	1.27941	0.0201466	0.442932	-2.25768	4.18007	5.58886	1.18846	1
cg22675593	0.436188	0.69456	-1.43976	0.0125814	0.240798	-4.15286	0.0570848	2.68516	2.68516	0.399332	1.4857	1.4857	3.63275	12.1122	2.9637	1
cg24853517	0.807347	0.955082	-1.04703	0.200723	0.775517	-1.28946	0.00343522	2.11202	2.11202	0.00166616	0.429124	-2.33033	41.6699	23.3543	0.498186	1
cg10367214	0.893285	1.03201	1.03201	0.0018204	0.35334	-2.83014	0.00123271	0.329847	-3.0317	0.181415	0.716736	-1.39521	7.81858	6.824	0.775816	1
cg26032450	0.849871	1.04218	1.04218	0.00988361	0.491298	-2.03543	0.342234	1.23781	1.23781	0.126416	1.43402	1.43402	6.11747	4.60532	0.669168	1
cg09493401	0.586685	0.833136	-1.20028	0.000147679	0.11416	-8.75962	0.29221	0.695283	-1.43826	0.92068	0.967418	-1.03368	5.52783	9.68307	1.55706	1
cg11017746	0.0023048	0.395556	-2.52808	0.138088	0.706299	-1.41583	0.681247	1.09411	1.09411	0.925531	1.02057	1.02057	3.768	2.83004	0.667619	1
cg27199523	0.987447	1.0024	1.0024	0.0137111	0.628165	-1.59194	0.675997	1.06622	1.06622	0.801746	1.03913	1.03913	5.21233	1.92119	0.327631	1
cg01235983	0.175981	0.702232	-1.42403	0.000840596	0.291128	-3.43491	0.724079	1.09098	1.09098	0.637652	0.889982	-1.12362	5.38592	5.14881	0.849757	1
cg01024473	0.271278	0.750214	-1.33295	0.179752	1.4298	1.4298	0.213968	0.720117	-1.38866	0.164532	0.689261	-1.45083	4.86755	4.85435	0.886479	1
cg12462377	0.142531	0.70297	-1.42254	0.0657004	0.630157	-1.58691	0.183135	0.729196	-1.37137	0.996323	0.99897	-1.00103	4.28572	3.39322	0.703778	1
cg22348752	0.694407	1.15016	1.15016	0.138497	1.75957	1.75957	0.368081	1.38759	1.38759	0.550972	1.23832	1.23832	3.58725	7.13232	1.76733	1
cg17105151	0.0625992	0.823707	-1.21402	0.193389	0.880398	-1.13585	0.0632917	1.21326	1.21326	0.118225	1.16998	1.16998	4.30372	0.583885	0.120595	1
cg05065602	0.352173	0.861278	-1.16107	0.00201685	1.97283	1.97283	0.524759	0.904355	-1.10576	0.865099	1.02688	1.02688	7.36403	2.83751	0.342507	1
cg03098012	0.850714	0.972185	-1.02861	0.00646356	0.588517	-1.69919	0.320095	0.857424	-1.16628	0.776364	1.04356	1.04356	5.12339	1.81895	0.315581	1
cg07418777	0.0560287	1.4656	1.4656	0.522463	1.12129	1.12129	0.00229045	0.470953	-2.12336	0.399397	0.858673	-1.16459	4.01483	1.98345	0.439139	1
cg20647888	0.713668	0.893898	-1.1187	0.087451	0.563144	-1.77574	0.28874	0.715209	-1.39819	0.319443	1.36771	1.36771	3.45173	5.06378	1.30402	1
cg24501381	0.000362398	0.162154	-6.16699	0.00826481	0.341398	-2.92913	0.377867	0.749821	-1.33365	0.022161	0.417804	-2.39347	8.18472	13.1261	1.42554	1
cg01324543	0.0247383	0.204326	-4.89414	0.00316381	0.0911547	-10.9704	0.223389	0.467718	-2.13804	0.0205766	0.19073	-5.24301	5.96987	33.3601	4.96718	1
cg06369322	0.452709	1.18679	1.18679	0.0043786	0.426586	-2.34419	0.152432	0.709542	-1.40936	0.573852	1.13565	1.13565	6.6114	5.24747	0.705511	1
cg02390801	0.0123941	2.05486	2.05486	0.0031795	2.53996	2.53996	0.404425	0.820877	-1.21821	0.0327415	0.561011	-1.7825	6.40795	5.43276	0.753615	1
cg14860680	0.193463	0.695677	-1.43745	0.00397604	0.360177	-2.77642	0.00221865	0.322904	-3.09689	0.229444	0.71709	-1.39452	5.55545	6.11861	0.978997	1
cg04198210	0.144221	0.670317	-1.49183	0.000808578	0.275654	-3.62774	0.0267773	0.512189	-1.9524	0.0174109	0.477946	-2.09229	4.85851	5.00328	0.915376	1
cg02346043	0.914782	1.01821	1.01821	0.00404633	1.91709	1.91709	0.400968	0.865074	-1.15597	0.890444	1.02351	1.02351	4.69655	2.11428	0.400158	1
cg24785741	0.230671	0.662545	-1.50933	0.0450028	0.470889	-2.12364	0.00449005	0.289312	-3.45647	0.0304063	0.434744	-2.30021	4.38847	7.44951	1.50891	1
cg09438837	0.00932685	1.34163	1.34163	0.573804	0.950615	-1.05195	0.0121807	1.32102	1.32102	0.299818	1.10049	1.10049	4.03113	0.507032	0.111804	1
cg03238691	0.0326615	0.513535	-1.94729	0.0583128	1.76898	1.76898	0.100922	0.619427	-1.6144	0.53288	1.1834	1.1834	3.59222	4.04368	1.0006	1
cg02079584	0.106396	0.732577	-1.36505	0.00834506	0.551589	-1.81294	7.87E-05	0.283611	-3.52595	0.00420922	0.508402	-1.96695	11.3777	5.61326	0.438537	1
cg08932277	0.920834	1.04686	1.04686	0.266938	0.586949	-1.70372	0.133924	0.474896	-2.10572	0.43709	0.694056	-1.44081	3.68688	12.3923	2.98772	1
cg01504424	0.0177268	0.833256	-1.20011	1.01E-05	0.549394	-1.82019	0.709899	0.976641	-1.02392	0.0878652	1.12655	1.12655	22.3312	1.41513	0.0563289	1
cg14599023	0.0100027	0.813547	-1.22918	0.0102583	1.2279	1.2279	0.80128	0.984125	-1.01613	0.0128176	1.2167	1.2167	13.0941	0.834996	0.0566835	1
cg09605191	0.0144215	0.668891	-1.49501	0.0778115	1.2987	1.2987	0.46361	1.1046	1.1046	0.874636	0.979164	-1.02128	11.791	3.32124	0.250378	1
cg05228377	0.668759	1.09713	1.09713	0.000201056	0.260873	-3.83329	0.134083	0.706117	-1.4162	0.0853974	0.663943	-1.50615	7.81343	5.74015	0.653024	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg17144760	CCDC34;CCDC34	0.00441925	0.338829	1.0892	0.1868	1.244943	0.602414	-1.10814	0.0214524	0.791938	-1.26272	0.137823	1.13102	1.13102	0.422353	1.07149	1.07149	0.188414	1.02759	1.162759	0.00152766	0.577985	-1.73815	0.700673	0.967917	-1.03315	0.0577254	0.834303	-1.19861	7.61945	0.8600993	0.100339	1
cg01705458	CCDC34;CCDC34	0.0145766	0.0470393	0.760166	-1.3155	0.707164	1.04658	1.04658	0.972056	0.995783	-1.00423	0.620914	0.941629	-1.06199	0.0360239	1.34208	1.34208	0.584347	0.935525	-1.06892	0.000549463	0.523393	-1.91061	0.983534	1.00935	1.00935	0.446806	1.098806	1.02899	1.205559	0.2049404	1
cg07601672	CCDC34;CCDC34	0.0270403	0.2145096	1.49918	1.49918	1.1648	0.631733	-1.58295	0.592269	1.1824	1.1824	0.8598098	1.04051	1.04051	0.00151334	0.2426551	-4.12114	0.211998	0.665335	-1.503	0.0234349	0.43209	-2.31433	0.095662	0.567076	-1.76343	0.2000383	0.65737	-1.52121	4.23945	0.44947	1.35227	1
cg22990125	CCDC34;CCDC34	7.76E-05	0.222463	1.82495	-1.21219	0.0372407	1.43752	1.43752	0.494315	0.900205	-1.10979	6.93E-07	0.132309	-7.55807	0.0778161	0.745172	-1.34197	0.427445	0.885498	-1.12931	0.0404741	0.701065	-1.4264	0.085586	0.751864	-1.33003	0.0720008	0.739768	-1.35177	23.687	0.450603	0.3171122	1
cg02938205	CCDC36;CCDC36	0.00585993	0.017939	5.46998	2.563683	2.02234	2.022334	0.111719	2.7826	2.7826	0.717274	0.80667	-1.23966	0.0128729	4.3688	4.3688		0.801182	0.864158	-1.1572	0.0048292	25.3759	25.3759	2.374315	2.08731	2.08731	0.00111559	17.0585	6.989981	38.6408	4.91386	1
cg03152189	CCDC36;CCDC36	0.0101944	0.1128995	3.06278	3.06278	0.758983	0.810604	-1.23365	0.2683843	2.19601	2.19601	0.228355	2.36944	2.36944	0.566841	1.48436	1.48436	0.1126066	1.24825	1.24825	0.000353312	50.1799	50.1799	0.0906005	3.56853	3.56853	0.00289547	16.3487	5.8743	43.3119	6.553387	1
cg16083429	CCDC36;CCDC36	0.0182534	0.417811	1.41115	1.41115	0.5575508	2.44333	2.44333	0.0727128	2.29979	2.29979	0.0711496	0.432378	-2.31279	0.154524	0.530521	-1.88494	0.041081	2.66566	2.66566	0.00540485	4.58635	4.58635	0.0131465	2.81788	2.81788	0.0732368	2.29551	2.29551	4.85225	13.2966	2.43582	1
cg08418018	CCDC36;CCDC36	0.0193934	0.0923016	2.37923	2.37923	0.604572	0.983056	-1.01214	0.3964661	1.43674	1.43674	0.479294	0.746606	-1.33939	0.0184225	0.650214	-1.53782	0.729566	0.866773	-1.15371	0.0317222	0.14887	6.714887	0.011711	0.007778	-1.10159	0.0059362	4.31639	4.31639	4.7009	12.3149	2.32417	1
cg00544592	CCDC36;CCDC36	0.024019	0.0096484	9.04248	9.04248	0.782825	1.20411	1.20411	0.46823	1.64236	1.64236	0.648382	1.64236	1.64236	0.166199	0.01035553	22.8158	22.8158	0.621	1.3969	1.3969	0.0233809	4.57819	4.57819	0.148419	31.6211	6.3618	1
cg11320271	CCDC36;CCDC36	0.0255991	0.0262227	0.172118	-5.80996	0.00503337	0.0841083	-11.8894	0.0629062	0.247534	-4.03985	0.119622	0.324054	-3.08591	0.00792037	0.103066	-9.7025	0.121045	0.32569	-3.07041	0.012865	0.127318	-7.85434	0.0458654	0.21715	-4.60511	0.0665077	0.253324	-3.94752	4.32145	30.4744	6.26836	1
cg24402640	CCDC37	0.00228486	0.0010977	3.315647	3.315647	0.2134135	0.0829209	-2.61075	0.1106532	0.655544	-1.52545	0.0487649	1.39125	1.39125	0.0976005	0.4470007	-2.23658	0.0014447	7.331794	7.331794	0.00358124	0.212627	-4.70308	0.111782	0.660312	-1.51434	0.107839	0.656758	-1.52261	9.279393	8.433133	0.808319	1
cg13577915	CCDC37	0.00778054	0.00551491	0.247412	-4.04185	0.893114	0.94983	-1.05282	0.0183648	0.33436	-2.99079	0.00741783	0.266998	-3.74535	0.0170284	0.328274	-3.04624	0.007058879	0.263642	-3.79302	0.00422619	0.230745	-4.3338	0.894603	1.05206	1.05206	0.0102153	0.289428	-3.45509	6.39987	14.8586	2.06374	1
cg22190698	CCDC37	0.0281874	0.715568	1.38553	1.38553	0.6505516	1.29279	1.29279	0.122156	0.467765	-2.13783	0.996212	0.997797	-1.00221	0.0015512	0.129687	-7.72988	0.051573	0.366248	-2.73039	0.0182641	0.27241	-3.66649	0.493882	1.43148	1.43148	0.3865133	0.668607	-1.49565	4.17795	13.6092	2.885946	1
cg01127320	CCDC37	0.0292352	0.0154864	0.315806	-3.16645	0.2025552	0.5932244	-1.68565	0.1413024	0.86643	-1.15416	0.211449	0.599935	-1.66685	0.0934689	0.588688	-2.04629	0.009653	0.282779	-3.53632	0.00283543	0.202873	-4.92919	0.0294811	0.369723	-2.70473	0.274331	0.643099	-1.55497	4.12462	9.83953	2.1206	1
cg07776931	CCDC37	0.0415852	0.0241175	0.334096	-2.99315	0.262093	0.620787	-1.61073	0.649452	0.828926	-1.20507	0.322443	0.659253	-1.51687	0.0251769	0.331797	-2.96041	0.023349	0.313114	-3.19405	0.00185818	0.155281	6.44	0.155281	0.455277	-2.19647	0.313605	9.555113	2.33937	1
cg19268498	CCDC37	1.90E-05	0.562774	0.80938	-1.23511	0.0466107	1.58587	1.58587	0.0424851	1.27765	1.27765	0.839256	1.19021	1.04186	0.0579227	1.27756	1.27756	0.680323	1.08061	1.08061	0.296248	0.805939	-1.24079	4.79E-07	0.28886	28.6806	0.4712244	1.860124	1.1559	18.5866	2.33399	0.4732511	1
cg20831741	CCDC39	5.52E-05	9.66E-05	0.208374	-4.79906	0.16114	1.3156	1.3156	0.331464	1.19879	1.19879	?	?	?	0.00016813	0.2414476	0.1412	0.0863347	0.703475	-1.42151	?	?	1.47E-05	8.81543	8.81543	0.0411283	1.56018	1.56018	53.4309	20.0664	0.321907	1
cg16131339	CCDC39	0.00031737	0.796241	1.02703	1.03703	0.338277	1.14379	1.14379	0.0942907	1.29496	1.29496	0.674516	1.06115	1.06115	0.00490124	0.592204	-1.68861	0.132404	0.840812	-1.15086	0.101163	0.777055	-1.28691	6.92E-06	4.05404	4.05404	0.229829	0.836685	-1.19519	16.003	5.00483	0.277994	1
cg18444176	CCDC40;CCDC40	0.00374635	0.544936	1.08053	-1.12312	0.0466107	1.58587	1.58587	0.0424851	2.80291	2.80291	0.0615294	1.49541	1.49541	0.105496	0.713278	-1.40198	0.248024	0.793957	-1.25951	0.0157987	0.568382	-1.75938	0.414949	0.852061	-1.17363	2.21E-05	5.09035	5.09035	0.525028	1.130605	1.14375	0.874734	0.513871	1
cg01003001	CCDC39	0.00167125	0.00200023	2.58054	2.58054	0.00255528	0.402777	-2.48276	0.0259626	0.563034	-1.77609	0.00585314	2.19024	2.19024	0.708194	0.921541	-1.08514	0.0433104	1.65716	1.65716	0.0789092	0.654419	-1.52807	0.00713636	2.12786	2.12786	0.6109994	0.89451	-1.11793	10.1578	7.59777	0.664868	1
cg02583334	CCDC40;CCDC40	0.0142911	0.407367	0.80953	-1.19009	0.3133603	1.14202	1.14202	0.0539594	1.55439	1.55439	0.823514	1.09556	1.09556	0.0210078	0.751869	-1.3305	0.878736	1.03194	1.03194	0.851055	1.039282	1.03194	0.451015	0.859724	-1.1714	0.0892289	3.2005	3.2005	0.257035	1.275817	1.294513	0.985611	0.597002	1
cg00395262	CCDC40;CCDC40	0.00179112	0.638795	0.918078	-1.08923	0.408873	1.16499	1.16499	0.00356993	2.04145	2.04145	0.532628	0.802022	-1.12105	0.423672	0.862662	-1.1592	0.662296	1.08269	1.08269	0.722564	0.937584	-1.06657	0.00313509	2.32858	2.32858	0.453119	0.870948	-1.14817	4.95865	2.56691	0.460145	1
cg05390921	CCDC40;CCDC40	9.17E-05	0.000194442	0.173199	-5.82584	5.31E-05	0.930326	-1.23283	0.2738967	1.28372	1.19372	0.0125086	1.62109	1.62109	0.0687258	0.9346055	-1.06987	0.0001572	0.429048	0.429048	0.0001572	0.258304	-3.8714	0.672013	1.06846	1.06846	0.0147397	0.624707	-1.60142	2.7491	1.5402	0.884376	1
cg08906153	CCDC40	0.00249628	0.300111	1.1973	1.1973	0.690947	0.935183	-1.06931	0.0017911	0.474659	-2.10678	0.280131	0.82839	-1.20716	6.20E-05	0.2898889	3.44959	0.1199116	0.753575	-1.32701	1.77E-05	0.2294433	-4.35857	0.827965	1.03717	1.03717	0.00641245	0.551737	-1.81246	17.297	7.70373	0.395894	1
cg25948831	CCDC40;CCDC40	0.00109792	0.00124954	0.353072	-2.83228	0.11301	0.683234	-1.46363	2.71E-05	0.16052	-6.22975	0.00346266	0.416258	-2.40235	0.00054748	0.305544	-3.27284	0.539342	0.871764	-1.1471	0.000232677	0.276906	-3.61133	0.477581	0.852602	-1.17288	0.132929	0.699058	1.4305	15.221	11.7571	0.686554	1
cg26124560	CCDC40;CCDC40	0.000406805	0.4883631	1.14977	1.14977	0.8.45.01	1.52148	1.52148	0.0.1.9726	1.0.2.2.1.56	1.0.2.2.1.56	0.0.5.9.3.6.3	1.0.3.4.6.4.2	1.0.3.4.6.4.2	0.0.7.8.5.1.4.5	1.0.3.4.6.4.2	1.0.3.4.6.4.2	0.5.6.3.5.7.5	0.8.2.2.4.9.5	0.8.2.2.4.9.5	0.0.1.7.3.2.2.4	0.5.2.0.3.5.2	1.9.7.2.2.6	0.3.6.7.6.8.4	0.8.4.9.7.1.1	0.8.4.9.7.1.1	1.1.2.1.7.7.0	0.1.4.7.4.7.1	2.1.9.7.6.4.1.2.6	1.1.9.2.7.3.0.1	0.5.3.6.2.1.7	1
cg05159799	CCDC40;CCDC40	0.00121187	0.00058323	0.281397	-3.55369	0.4016571	0.816957	-1.22406	0.0190176	0.51236	-1.95175	0.0741845	0.625861	-1.5978	5.97E-05	0.174002	-5.7441	0.00369697	0.396931	-2.51933	0.0101046	0.465618	-2.14768	0.698566	0.912419	-1.09599	0.0170517	0.504072	-1.98384	11.1404	9.78808	0.780585	1
cg08109808	CCDC40;CCDC40	0.00154604	0.795595	1.04415	1.04415	0.840687	0.96555	-1.04339	0.553947	1.12104	-1.23177	0.0119133	0.880395	-1.13615	0.0896394	1.07802	1.07802	0.502932	0.868912	-1.15086	0.101163	0.777055	-1.28691	6.92E-06	4.05404	4.05404	0.229829	0.836685	-1.19519	16.003	5.00483	0.277994	1
cg06485101	CCDC40;CCDC40	0.00159945	0.0185745	0.512576	-1.95093	0.1375843	1.45416	1.45416	0.0569964	0.603928	-1.65583	0.0017378	0.351416	-2.84653	0.0014602	0.284652	-3.51274	0.000340783	0.271407	0.733704	-1.36841	0.0031794	0.400731	-2.49544	0.697023	0.912456	-1.09594	0.00615956	0.413142	2.30871	10.2874	8.93106	0.771862	1
cg21569216	CCDC40;CCDC40	0.00178156	0.138587	0.772037	-1.29527	0.000830399	0.441934	-2.26278	0.0572793	0.705404	-1.41763	0.884539	1.02386	1.02386	4.00E-05	0.278901	-3.57397	0.249187	0.822473	-1.21584	0.0887055	0.737341	-1.35622	0.189737	0.798206	-1.25281	0.0646118	0.71403	-1.4005	9.97151	4.15841	0.370692	1
cg00094217	CCDC40;CCDC40	0.00251872	0.0094027	0.31995	-3.12505	0.1.5.4.9	1.1.5.4.9	1.1.5.4.9	0.0.8.9.3.2.2	1.0.3.8.0.2	1.0.3.8.0.2	0.0.3.5.9.1.4	0.0.7.0.5.3	1.0.7.0.5.3	0.0.1.8.1.8.6.9	1.0.7.0.5.3	1.0.7.0.5.3	0.0.3.8.5.4.3	0.0.8.0.9.6.4	0.0.8.0.9.6.4	0.0.1.1.5.4.5.4	0.0.2.4.9.4.6	2.6.9.4.6.6	0.0.0.6.5.0.3.5	2.6.1.1.9.2	2.6.1.1.9.2	0.0.1.9.1.9.4.1.3	0.1.6.1.6.8	0.0.1.2.2.3	0.1.5.2.7	1.0.4.8.3	1
cg18144064	CCDC40;CCDC40	0.0.0.1.8.5.4.1.8.2	0.0.0.3.8.4.8.5.3.4	0.0.3.6.4.0.3	0.7.5.6.8.7.5	1.3.2.1.2.2	0.1.5.8.5.9.8	0.6.3.7.2.5.1	0.5.5.6.9.2.4	0.8.5.8.5.6	0.8.0.9.6.6	1.2.3.5.9.9	0.0.0.3.0.0.7.3.3	0.0.0.3.0.0.7.3.3	0.1.7.6.2.9.3	1.6.7.2.2.8	0.0.9.8.5.4	1.2.0.0.0.2.4.6.5.6	0.0.0.3.6.4.5.0.3	0.0.0.3.6.4.5.0.3	0.0.2.7.0.8.8.1.3.7	0.0.0.4.9.1.4.4.4	0.0.7.0.2.4.3.1.2.6	0.0.9.1.2.4.5.6.6.4	0.0.9.1.2.4.5.6.6.4	0.0.1.9.5.6.1.1.4.9.3	0.0.1.1.4.4.2.3.3.0.1	0.0.1.2.3.8.4.1.7.3.8	0.0.2.7.4.2.1.3.3.4.4	0.0.1.2.3.8.4.1.7.3.8	1
cg18141476	CCDC40;CCDC40	0.00695233	0.8908222	0.971107	-1.02975	0.000955656	0.349708	-2.85953	0.0953879	0.676304	-1.47862	0.0170127	1.86116	1.86116	0.126257	1.42353	1.42353	0.0775501	1.52018	1.52018	0.0398212	1.66082	1.66082	0.406323	0.834144	-1.19883	0.253326	0.775164	1.29005	6.62922	4.78473	0.641567	1
cg05449573	CCDC40;CCDC40	0.00719975	0.0739115	0.479965	-2.08348	0.0409418	0.419186	-2.38558	0.0025659	0.214069	-4.67151	0.0097037	0.299458	-3.33936	0.0025025	0.212873	-4.69763	0.0127646	0.319761	-3.12733	0.0228468	0.201648	-4.81584	0.625497	0.834204	-1.19875	0.211707	0.615786	-1.62394	6.55728	14.105	1.91204	1
cg10194602	CCDC40;CCDC40	0.0011468	0.0090976	0.3.1.4.6.9	1.0.4.9.2.7	0.1.8.4.7.2.3	0.2.9.3.7.9	-2.6.4.2.2.4	0.0.0.5.0.8.8.3.8	0.3.4.1.4.1.2	0.2.8.7.5.3.9	0.1.3.3.7.2.3	0.2.8.8.6.9.1	0.2.8.8.6.9.1	0.0.0.1.4.1.3.5.4	0.2.8.8.6.9.1	0.2.8.8.6.9.1	0.0.4.9.7.2.7	0.0.1.4.1.3.5.4	0.0.1.4.1.3.5.4	0.0.0.0.2.2.9.3.1	0.0.0.1.8.9.0.4	0.0.7.8.6.3.1.8	0.0.0.5.1.4.5.3.2	0.0.0.5.1.4.5.3.2	0.0.0.1.1.6.9.2.4.6	0.0.0.1.1.2.1.2.1.9	0.0.0.3.9.0.4.2.2.8	0.0.0.3.7.0.8.8.5	0.0.0.3.7.0.8.8.5	0.0.0.6.5.2.6.0.3	1.0.0.3.7.0.8.8.5	1
cg04366607	CCDC40;CCDC40	0.0117884	0.46523	1.40724	1.40724	0.725999	0.850667	-1.17555	0.20005	0.536736	-1.86311	0.8525343	1.0893	1.0893	0.00070022	0.0929301	-10.7608	0.6940213	0.913374	1.09444	0.6332861	0.2.7.6.8.2.6.4	2.2196	0.0258815	3.3847	3.3847	0.959203	0.97676	-1.02379	5.60573	18.7597	2.97468	1
cg00429681	CCDC40;CCDC40	0.0.1.5.0.2.2.1	0.0.0.1.5.9.5.5	0.1.8.4.5.0	1.0.4.4.0.3	0.8.4.8.3.5	0.1.7.9.2.5	0.4.1.4.3.9	0.1.5.1.8.4.4	0.1.2.3.4.8	0.1.2.1.7.7	0.8.1.6.0.9.9	0.1.2.8.5.9	0.1.2.8.5.9	0.0.0.4.5.1.5.2.7.7	0.1.2.8.5.9	0.1.2.8.5.9	0.0.7.6.2.8.6.4	0.5.6.3.0.2.1.7.2.1	0.5.6.3.0.2.1.7.2.1	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.7.6.1.6.2	0.1.3.6.2.1.1.7.0.8	0.1.3.6.2.1.1.7.0.8	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	1
cg01546182	CCDC40;CCDC40	0.0.0.2.5.0.5.6.0.4	0.0.0.1.8.5.6.6.8.4	0.1.8.4.5.0	1.0.4.4.0.3	0.8.4.8.3.5	0.1.7.9.2.5	0.4.1.4.3.9	0.1.5.1.8.4.4	0.1.2.3.4.8	0.1.2.1.7.7	0.8.1.6.0.9.9	0.1.2.8.5.9	0.1.2.8.5.9	0.0.0.4.5.1.5.2.7.7	0.1.2.8.5.9	0.1.2.8.5.9	0.0.7.6.2.8.6.4	0.5.6.3.0.2.1.7.2.1	0.5.6.3.0.2.1.7.2.1	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.7.6.1.6.2	0.1.3.6.2.1.1.7.0.8	0.1.3.6.2.1.1.7.0.8	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	1
cg19293921	CCDC40;CCDC40	0.0.0.1.5.0.2.2.1	0.0.0.1.5.9.5.5	0.1.8.4.5.0	1.0.4.4.0.3	0.8.4.8.3.5	0.1.7.9.2.5	0.4.1.4.3.9	0.1.5.1.8.4.4	0.1.2.3.4.8	0.1.2.1.7.7	0.8.1.6.0.9.9	0.1.2.8.5.9	0.1.2.8.5.9	0.0.0.4.5.1.5.2.7.7	0.1.2.8.5.9	0.1.2.8.5.9	0.0.7.6.2.8.6.4	0.5.6.3.0.2.1.7.2.1	0.5.6.3.0.2.1.7.2.1	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.7.6.1.6.2	0.1.3.6.2.1.1.7.0.8	0.1.3.6.2.1.1.7.0.8	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	0.0.0.4.5.7.2.2.6.4	1
cg11157794	CCDC43;CCDC43	0.0021297	0.732405	1.15654	1.15654	0.016898	0.29088	-3.43784	0.602831	0.800561	-1.24912	0.0011338	0.066576	-17.6753	0.552841	0.775373	1.2897	0.0507247	0.389340	-2.56839	0.4999961	1.33661	1.33661	0.0257831	3.07051	3.07051	0.0264064	3.0511	3.0511	9.46675	26.92	2.52768	1
cg23162554	CCDC43;CCDC43	0.00378056	0.0003704	0.482844	-2.07015	0.0.1.8.5.2.3	0.1.8.5.2.3	0.0.3.1.7.8.8.5	0.4.9.1.3	0.4.9.1.3	0.4.6.0.7.5	0.1.5.5.2.6	1.1.5.5.2.6	1.1.5.5.2.6	0.0.1.9.3.5.2.6	1.1.5.5.2.6	1.1.5.5.2.6	0.0.2.5.4.6.6.5	0.1.5.1.5.2.6	0.1.5.1.5.2.6	0.0.1.9.2.6.9.9	0.0.4.7.8.5.1.2	0.0.1.2.6.5.1.2.6	0.1.5.1.5.2.6	0.1.5.1.5.2.6	0.0.1.9.2.6.9.9	0.0.4.7.8.5.1.2	0.0.1.2.6.5.1.2.6	0.1.5.1.5.2.6	0.1.5.1.5.2.6	0.0.1.9.2.6.9.9	0.0.4.7.8.5.1.2	0.0.1.2.6.5.1.2.6	0.1.5.1.5.2.6	1
cg04648695	CCDC42;CCDC42;CCDC42	0.00232044	0.0376898	0.650589	-1.44804	0.0256684	0.665628	-1.50234	0.356	0.337146	-2.96608	0.0616305	0.73736	-1.38167	0.0434504	0.700026	-1.42852	0.406625	0.877767	-1.13925	0.122587	0.29297	0.0579555	0.574032	-1.74206	0.0160402	0.635944	1.57247	0.25312	0.45637	0.332032	1
cg27127017	CCDC42B	7.15E-05	0.0265787	0.4889	-2.04541	8.18E-05	6.91124	6.91124	8.55E-06	13.9607	13.9607	0.0157692	2.23753	2.23753	0.00401525	2.86444	2.86444	0.276928	1.36051	1.36051	0.556347	1.17584	1.17584	3.68E-05	8.68862	8.68862	0.0866642	1.67396	1.67396	24.2137	28.4234	1.04343	1
cg20166714	CCDC42B	0.00066073	0.0439384	0.539254	-1.85403	0.0.1.5.6.8.1.6	0.2.4.1.5.1	0.2.4.1.5.1	0.0.1.6.5.9.7	0.1.6.5.9.7	0.1.6.5.9.7	0.0.6.4.6.0.5	0.5.0.0.7.3	0.5.0.0.7.3	0.0.0.1.1.0.3.4.3	0.5.0.0.7.3	0.5.0.0.7.3	0.0.5.8.5.1.2.6	0.1.1.3.5.6.2	0.1.1.3.5.6.2	0.0.0.0.1.1.4.5.3	0.0.0.0.1.1.4.5.3	0.0.0.1.2.6.5.1.2.6	0.1.1.3.5.6.2	0.1.1.3.5.6.2	0.0.0.0.1.1.4.5.3	0.0.0.1.2.6.5.1.2.6	0.1.1.3.5.6.2	0.1.1.3.5.6.2	0.0.0.0.1.1.4.5.3	0.0.0.1.2.6.5.1.2.6	0.1.1.3.5.6.2	0.1.1.3.5.6.2	0.0.0.0.1.1.4.5.3	1
cg03669590	CCDC42B	0.0116337	0.832943	1.08018	1.08018	0.0050908	0.84693	-1.18469	0.0033104	0.4.3091	0.4.3091	0.2219593	1.59794	1.59794	0.942452	1.02671	1.02671	0.146874	1.76559	-1.76559	0.0013773	0.544257	0.4.4.4.8.9.0.1	0.2.3.1.7.6.6	0.2.3.1.7.6.6	0.0.1.3.7.7.6.6	0.0.5.7.1.5.5.9	1.0.5.7.9.1	1.0.5.7.9.1	0.6.2.7.6.5	1.1.8.8.8	1.8.7.7.0.1	1
cg03918048	CCDC42B	0.0.2.4.4.1.8	0.0.5.4.6.6.4.2	0.8.9.7.5.6	-1.1.2.5.3.3	0.0.0.9.9.4.9	1.5.8.2.5	1.5.8.2.5	0.0.1.2.6.7.6.7	0.8.3.6.8.3	0.8.3.6.8.3	0.0.6.1.6.3.2.4	1.4.9.0.7.4	1.4.9.0.7.4	0.0.0.1.6.8.3.2.6.8	1.4.9.0.7.4	1.4.9.0.7.4	0.0.9.7.4.8.6	0.8.9.5.5.6	0.8.9.5.5.6	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.9.7.4.8.6	0.8.9.5.5.6	0.8.9.5.5.6	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	0.0.0.1.2.6.7.6.7	1
cg19477192	CCDC42B	0.0203451	0.0634022	0.463449	-2.15773	0.1391615	0.55632	-1.79753	0.0213006	0.360738	-2.7721	0.398881	0.727464	-1.37464	0.00368297	0.235453	-4.24713	0.0661953	0.468053	-2.13651	0.00246533	0.212012	-4.71671	0.108613	0.524795	-1.90551	0.0348586	0.404138	-2.4744	4.67727	10.0542	1.91074	1
cg19897003	CCDC42B	0.0217325	0.734619	1.24328	1.24328	0.0038049	0.64555	0.12167	0.0.0.8.3.5.0.4.9	0.6.4.5.5.5	0.6.4.5.5.5	0.2.0.2.9.4.1	0.2.3.6.3.5.6	0.2.3.6.3.5.6	0.8.1.9.6.3.1.4	0.1.4.5.6.6	1.1.4.5.6.6	0.3.0.5.3.8.1	0.9.7.2.3.5	0.9.7.2.3.5	0.0.4.2.0.0.4.4.1.3	0.1.6.3.3.3	0.6.5.1.5.7.3	3.7.6.2.5	3.7.6.5.0.2	0.8.3.3.8.4.6	1.1.9.7.6.5.0.2	0.8.3.3.8.4.6	0.8.3.3.8.4.6	1.1.4.9.5.2.1	0.1.4.2.1.4.3.7.0.1.6	0.8.3.3.8.4.6	0.8.3.3.8.4.6	1.1.4.9.5.2.1	1
cg12979921	CCDC42B	0.0161065	0.4863446	0.8.5.8.4.6.5	1.0.3.0.7.2.2	0.1.9.6.5.1.2	0.2.9.6.5.1.2	0.2.9.6.5.1.2	0.0.1.9.6.5.1.2	0.1.6.0.6.3	0.1.6.0.6.3	0.0.7.5.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12380609	CCDC53	0.00485913	0.684666	0.942892	-1.06057	0.43223	0.890974	-1.12237	0.258486	0.843826	-1.18508	0.0001618	0.395551	-2.52812	0.12973	1.26586	1.26586
cg11144990	CCDC53	0.0103797	0.0461083	0.621018	-1.61026	0.00347535	2.28594	2.28594	0.152535	1.37634	1.37634	0.0408292	0.611318	-1.63581	0.0578179	0.639481	-1.56377
cg16884940	CCDC53	0.0144763	0.0393559	0.615139	-1.62565	0.0115485	1.90378	1.90378	0.00739804	2.02062	2.02062	0.163264	0.738357	-1.35436	0.528451	0.877933	-1.13904
cg23341126	CCDC53	0.028201	0.430448	0.907242	-1.10224	0.495844	1.08725	1.08725	0.00280706	1.64549	1.64549	0.00726073	0.657757	-1.52032	0.289753	0.875538	-1.14215
cg24216114	CCDC53;CCDC53	0.00670924	0.304987	1.29071	1.29071	0.0109272	2.15419	2.15419	0.0372925	1.7873	1.7873	0.105875	0.654213	-1.52855	0.00411638	0.396728	-2.52062
cg15507901	CCDC54	1.38E-05	0.000670879	0.225314	-4.43826	0.0050115	0.345262	-2.89635	0.000108923	0.141914	-7.04652	0.314937	0.742583	-1.34665	6.78E-07	0.0208459	-47.9711
cg19466967	CCDC54	0.00273546	0.584899	0.93746	-1.06671	0.00066244	0.543137	-1.84115	0.149515	0.834496	-1.19833	0.086452	1.24824	1.24824	0.203126	1.17034	1.17034
cg07119172	CCDC55	5.91E-06	0.00516063	0.719625	-1.38961	0.33245	0.914774	-1.09317	0.261505	0.900935	-1.10996	0.683952	1.03714	1.03714	1.16E-05	0.436781	-2.28948
cg16066221	CCDC55	0.000533379	0.0628055	0.803229	-1.24497	0.998763	1.00016	1.00016	0.279377	0.888951	-1.12492	0.00702168	1.44026	1.44026	0.0289601	0.763756	-1.30932
cg26898932	CCDC55	0.000587337	0.164978	1.36447	1.36447	0.290115	0.794257	-1.25904	0.00476557	0.45556	-2.1951	0.00791748	0.489424	-2.04322	0.183041	0.743479	-1.34503
cg14517309	CCDC55	0.00423229	0.00736856	0.588598	-1.69895	0.160286	0.794354	-1.25888	0.114311	0.768268	-1.30163	0.00220616	0.517617	-1.93193	0.00596741	0.575976	-1.73618
cg17723549	CCDC55;MIR423	0.000359432	0.251417	0.917482	-1.08994	0.00946611	0.789526	-1.26658	0.0830219	0.871146	-1.14791	0.086978	1.14551	1.14551	0.000382516	0.665268	-1.50315
cg13770529	CCDC55;MIR423	0.0124036	0.263566	1.10568	1.10568	0.00301773	0.704354	-1.41974	0.8735	1.01383	1.01383	0.13607	1.1485	1.1485	0.53094	1.05624	1.05624
cg22882093	CCDC57	0.000141722	0.345952	0.857782	-1.1658	0.816273	0.963884	-1.03747	2.06E-05	0.256977	-3.8914	0.862454	1.02779	1.02779	1.38E-05	0.238132	-4.19935
cg25532751	CCDC57	0.000169877	0.0660625	0.684232	-1.46149	0.144403	1.33447	1.33447	1.14E-05	0.180123	-5.55175	0.650339	1.08761	1.08761	0.000329416	0.343948	-2.90742
cg12486944	CCDC57	0.000181534	0.593351	0.913593	-1.09458	0.5112	0.89429	-1.11821	0.0627541	1.42059	1.42059	0.112367	0.748402	-1.33618	2.45E-06	0.147176	-6.7946
cg06073302	CCDC57	0.000186986	0.334381	0.872	-1.14679	0.00142946	1.88608	1.88608	0.135838	1.24747	1.24747	0.0629619	0.749928	-1.33346	2.45E-05	0.314994	-3.17466
cg20197093	CCDC57	0.000276811	0.000487542	0.38625	-2.589	0.00390517	1.96627	1.96627	0.0101736	1.75781	1.75781	0.144812	0.761426	-1.31333	3.56E-05	0.249526	-4.00761
cg24973483	CCDC57	0.000601143	0.014895	0.451727	-2.21372	0.0646397	0.576517	-1.73455	0.0014665	0.295595	-3.38301	0.00145828	0.295263	-3.38682	3.50E-05	0.119843	-8.34422
cg21698718	CCDC57	0.000818739	0.909375	1.02191	1.02191	0.00266616	0.45346	-2.20526	0.00346553	0.469789	-2.12862	0.00183473	0.430596	-2.32236	8.29E-05	0.259441	-3.85444
cg01465684	CCDC57	0.0010466	0.155915	0.712891	-1.40274	0.15209	1.4078	1.4078	0.589911	0.88577	-1.12896	0.392268	0.822518	-1.21578	3.42E-05	0.167338	-5.97593
cg12223090	CCDC57	0.00170614	0.742833	0.94107	-1.06262	0.0144482	0.57347	-1.74377	0.0012049	0.41694	-2.39842	0.160236	1.31886	1.31886	0.000234856	0.32466	-3.08015
cg22476252	CCDC57	0.0018932	0.00272591	0.289565	-3.45346	0.019977	0.431273	-2.31872	0.00401194	0.314148	-3.18321	0.493155	0.811849	-1.23176	0.000232867	0.160623	-6.22576
cg10505658	CCDC57	0.00218761	0.00975965	0.447595	-2.23416	0.882121	1.03717	1.03717	0.00289671	0.365227	-2.73802	0.000868528	0.292556	-3.41815	0.000463096	0.257946	-3.87679
cg24963024	CCDC57	0.00279331	0.0235879	1.41758	1.41758	0.276293	0.864007	-1.1574	0.010255	0.65858	-1.51842	0.869147	1.02151	1.02151	0.000166411	0.436987	-2.2884
cg02262688	CCDC57	0.00318004	0.0163914	0.427931	-2.33682	0.424192	1.26637	1.26637	0.0106613	0.394992	-2.5317	0.75628	0.913859	-1.09426	0.000102983	0.136922	-7.30343
cg13240704	CCDC57	0.00335126	0.0299867	2.34143	2.34143	0.251122	0.670611	-1.49118	0.00425184	0.279454	-3.5784	0.0640794	2.00055	2.00055	0.0281793	0.421596	-2.37194
cg25639749	CCDC57	0.00446834	0.352761	1.18468	1.18468	0.0112559	0.569643	-1.75549	0.273089	1.22404	1.22404	0.571292	1.10672	1.10672	0.00268779	0.479404	-2.08592
cg02962602	CCDC57	0.00657307	0.97558	0.993662	-1.00638	0.397074	0.835164	-1.19737	0.55077	0.882159	-1.13358	0.019192	1.8014	1.8014	0.0715289	1.51895	1.51895
cg06132853	CCDC57	0.00806089	0.00109018	0.220486	-4.53544	0.975793	1.00956	1.00956	0.252955	0.687562	-1.45441	0.91586	0.967389	-1.03371	0.000532458	0.184196	-5.42899
cg04098763	CCDC57	0.00909199	0.127732	3.01518	3.01518	0.112666	0.314333	-3.18133	0.0349871	0.192706	-5.18925	0.982751	1.01459	1.01459	0.00695256	0.0962943	-10.3848
cg22167267	CCDC57	0.0115259	0.822935	1.05806	1.05806	0.603389	0.876354	-1.14109	0.00199013	3.00238	3.00238	0.226303	1.37702	1.37702	0.0964629	0.631554	-1.5834
cg06715330	CCDC57	0.0143475	0.0248907	1.61672	1.61672	0.0072333	1.86573	1.86573	0.134751	0.74814	-1.33665	0.303596	1.21136	1.21136	0.243154	0.802699	-1.2458
cg21880101	CCDC57	0.0146273	0.36697	0.812423	-1.23089	0.0628279	0.625519	-1.59867	0.120779	0.685819	-1.45811	0.693313	0.91499	-1.09291	0.000255218	0.259186	-3.85824
cg22142205	CCDC57	0.017182	0.562359	0.898359	-1.11314	0.0762339	0.697001	-1.43472	0.318626	0.828109	-1.20757	0.0897675	0.710176	-1.4081	0.00519095	0.509128	-1.96414
cg15754222	CCDC57	0.017655	0.395242	1.32881	1.32881	0.224141	0.659058	-1.51732	0.0110609	0.353312	-2.83036	0.953378	0.981091	-1.01927	0.301459	0.705006	-1.41843
cg03789597	CCDC57	0.0187132	0.84174	1.04125	1.04125	0.994799	0.998683	-1.00132	0.685112	0.920883	-1.08591	0.278506	1.25586	1.25586	0.000302127	0.304902	-3.27974
cg22110888	CCDC57	0.0195355	0.969783	0.992573	-1.00748	0.00871291	1.93065	1.93065	0.00284666	2.24425	2.24425	0.793349	0.949641	-1.05303	0.208178	0.770154	-1.29844
cg17286790	CCDC57	0.0206948	0.448319	1.2101	1.2101	0.00984193	0.446999	-2.23714	0.0572126	0.588042	-1.70056	0.809152	1.06154	1.06154	0.0212439	1.9807	1.9807
cg23985595	CCDC57	0.0208016	0.0238714	0.483137	-2.06981	0.395095	1.26494	1.26494	0.295447	0.746195	-1.34013	0.632035	0.877931	-1.13904	0.000740758	0.250948	-3.98489
cg21295367	CCDC57	0.0211573	0.83239	1.06282	1.06282	0.0489909	0.524077	-1.90812	0.0466842	0.519585	-1.92461	0.374981	1.2992	1.2992	0.806092	1.07326	1.07326
cg01777586	CCDC57	0.0230225	0.0528336	0.462833	-2.16061	0.0262006	2.51741	2.51741	0.334906	0.706028	-1.41637	0.156339	0.588144	-1.70026	0.0870054	0.516049	-1.9378
cg21565972	CCDC57	0.0273623	0.0550464	0.437343	-2.28653	0.160287	0.565352	-1.76881	0.12724	0.534176	-1.87204	0.995665	1.00207	1.00207	0.000523636	0.128046	-7.8097
cg16920238	CCDC57	0.0286433	0.177952	3.48501	3.48501	0.292179	0.385513	-2.59395	0.0900788	0.196064	-5.10039	0.521934	0.567746	-1.76135	0.0124158	0.0662767	-15.0883
cg09163921	CCDC57	0.0351897	0.0247875	0.487201	-2.05254	0.0773229	0.589525	-1.69628	0.0225924	0.479622	-2.08498	0.586804	0.862719	-1.15913	0.00222399	0.315681	-3.16775
cg02967812	CCDC57	0.0448501	0.146443	0.633534	-1.57845	0.19116	0.666802	-1.4997	0.347196	0.753193	-1.32768	0.870409	0.953317	-1.04897	0.000978312	0.23793	-4.20292
cg00755572	CCDC57	0.0484452	0.818333	1.03676	1.03676	0.0101867	0.60149	-1.66254	0.22754	1.21987	1.21987	0.54067	1.10205	1.10205	0.00587851	0.568043	-1.76043
cg26093898	CCDC57	0.0494285	0.638679	1.19752	1.19752	0.820218	1.09064	1.09064	0.10066	0.503906	-1.9845	0.978998	1.01008	1.01008	0.159693	0.564021	-1.77298
cg08987606	CCDC59;C12orf26;CCDC59	0.00115368	0.175928	1.09903	1.09903	0.000469715	0.697197	-1.43431	0.00575233	0.7886	-1.26807	0.758151	0.979938	-1.02047	0.124458	0.896596	-1.11533
cg06623150	CCDC59;CCDC59	0.00210457	0.00836876	1.58777	1.58777	0.953002	0.991944	-1.00812	0.000184939	0.42034	-2.37903	0.0734919	1.31501	1.31501	0.400104	1.12547	1.12547
cg02327654	CCDC59;CCDC59	0.00308106	0.0241919	0.435081	-2.29843	0.543029	0.826421	-1.21004	0.0145921	0.393991	-2.53813	0.251584	0.690103	-1.44906	0.000748351	0.205149	-4.87451
cg05234169	CCDC59;CCDC59;C12orf26	0.00701082	0.592809	1.0652	1.0652	0.00649153	1.51283	1.51283	0.101045	1.23383	1.23383	0.402335	0.904578	-1.10549	0.0967399	1.2378	1.2378
cg17054054	CCDC59;CCDC59;C12orf26	0.0222657	0.345649	1.30035	1.30035	0.967928	0.989187	-1.01093	0.624699	1.14262	1.14262	0.540122	1.1826	1.1826	0.531584	1.18691	1.18691
cg03652173	CCDC59;CCDC59;C12orf26	0.0390709	0.173003	0.522189	-1.91502	0.250894	1.71181	1.71181	0.691545	1.19565	1.19565	0.538643	1.32173	1.32173	0.0125159	0.248592	-4.02265
cg05338745	CCDC59;CCDC59;C12orf26;CCDC59	0.0371564	0.235677	0.691225	-1.44671	0.0872226	0.567915	-1.76083	0.181165	1.52609	1.52609	0.390801	0.770758	-1.29742	0.055619	0.520703	-1.92048
cg15232971	CCDC6	7.49E-05	0.000240212	0.442466	-2.26006	0.000889916	1.94989	1.94989	0.0110328	1.53374	1.53374	4.86E-05	2.78683	2.78683	0.00141151	0.537931	-1.85897
cg26628410	CCDC6	0.000335042	0.000280393	0.143625	-6.96259	0.00134205	0.21822	-4.58254	0.00115768	0.210317	-4.75474	0.00359028	0.275765	-3.62628	0.000111272	0.108586	-9.2093
cg08096168	CCDC6	0.00403184	0.0158353	0.693052	-1.44289	0.00671077	1.54673	1.54673	0.00515779	1.5812	1.5812	0.0661656	0.774399	-1.29132	0.0545547	1.31069	1.31069
ch.10.1271486	CCDC6	0.00875341	0.0155537	0.234701	-4.26074	0.040869	0.315678	-3.16778	0.0371698	0.306713	-3.26038	0.000231334	0.0505038	-19.8005	0.773031	0.868256	-1.15173
cg27573389	CCDC6	0.0113406	0.361694	1.28867	1.28867	0.215363	0.702764	-1.42295	0.916471	1.02878	1.02878	0.0526139	1.81483	1.81483	0.103815	1.61787	1.61787
cg04036272	CCDC6	0.0176535	0.0468227	0.65646	-1.52332	0.95082	0.988658	-1.01147	0.444745	1.15498	1.15498	0.663522	0.922234	-1.08432	0.00109002	0.410129	-2.43825
cg15320596	CCDC6	0.0210815	0.186718	0.652062	-1.5336	0.274999	0.706814	-1.4148	0.0564957	0.517017	-1.93417	0.253077	1.44008	1.44008	0.0010063	0.225071	-4.44304
cg05187826	CCDC6	0.0244268	0.203908	0.724436	-1.38038	0.0236075	1.91515	1.91515	0.544634	0.86294	-1.15883	0.459903	1.19828	1.19828	0.00113383	0.316227	-3.16229
cg10779126	CCDC6	0.0282185	0.0130874	0.288404	-3.46736	0.0829591	0.460438	-2.17185	0.084969	0.463236	-2.15873	0.0507484	0.406882	-2.45771	0.0097089	0.266692	-3.74965
cg05901196	CCDC6	0.0292552	0.00880976	0.25158	-3.97488	0.283307	0.630499	-1.58604	0.7614	1.13429	1.13429	0.959557	0.979237	-1.0212	0.123556	0.501483	-1.99409
cg17307051	CCDC6	0.0365015	0.00537533	0.413086	-2.42081	0.136592	0.679204	-1.47231	0.0225116	0.517287	-1.93316	0.535226	0.859453	-1.16353	0.00562484	0.416163	-2.40291
cg04845613	CCDC60	1.53E-05	0.00451167	0.728351	-1.37296	0.0053008	0.735104	-1.36035	0.000988899	0.663704	-1.5067	0.0787818	0.849187	-1.1776	0.00146039	0.680527	-1.46945
cg19213167	CCDC60	2.44E-05	0.000179018	0.326463	-3.06313	6.51E-06	0.170075	-5.87975	6.31E-06	0.1688	-5.92416	0.769733	0.949537	-1.05315	0.00792539	0.548439	-1.82336
cg25021709	CCDC60	0.000996337	0.894038	0.95082	-1.05172	0.730215	0.87722	-1.13997	0.0168537	0.331728	-3.01452	0.291201	0.660686	-1.51358	0.122064	0.530374	-1.88546
cg21844669	CCDC60	0.00224522	0.00119697	0.106222	-9.41427	0.0161102	0.248872	-4.01814	0.0750189	0.392011	-2.55095	0.00830516	0.203179	-4.92177	0.00678968	0.190732	-5.24297
cg12404465	CCDC60	0.00407133	0.651818	0.900671	-1.11028	0.988667	1.00328	1.00328	0.00566694	0.433481	-2.30691	0.296917	0.779531	-1.28282	0.000219381	0.242045	-4.13147
cg05039893	CCDC60	0.00902004	0.0378037	0.340656	-2.93552	0.000981439	0.111802	-8.94435	0.00455183	0.18462	-5.41652	0.117277	0.467377	-2.1396	0.356569	0.654474	-1.52795
cg12504696	CCDC60	0.0119366	0.176547	1.81339	1.81339	0.156296	0.533514	-1.87436	0.416402	0.708857	-1.41072	0.250471	1.6446	1.6446	0.555724	0.781223	-1.28004
cg01827818	CCDC60	0.0158966	0.0340672	0.320807	-3.11714	0.0165716	0.260492	-3.83889	0.0317631	0.314436	-3.1803	0.0472305	0.352193	-2.83936	0.028315	0.304236	-3.28693
cg20488281	CCDC60	0.0220391	0.815062	0.913548	-1.09463	0.267181	0.640129	-1.56218	0.0272474	0.364823	-2.74106	0.0387633	0.397114	-2.51817	0.0300347	0.373495	-2.67741
cg13299942	CCDC60	0.0233607	0.099587	0.637698	-1.56814	0.0598948	0.589111	-1.69747	0.0194507	0.494538	-2.02209	0.793282	0.936637	-1.06765	0.00242681	0.349148	-2.86412
cg16244006	CCDC60	0.0240037	0.0150301	0.175042	-5.71293	0.00209174	0.0801088	-12.483	0.0464116	0.26444	-3.78157	0.996489	0.997438	-1.00257	0.00701721	0.131007	-7.6332
cg26521278	CCDC60	0.0302172	0.00783165	0.262928	-3.80332	0.00982038	0.278709	-3.58797	0.879559	0.942376	-1.06115	0.857123	1.07309	1.07309	0.796402	0.90375	-1.1065
cg26365998	CCDC60	0.04392	0.454923	0.740951	-1.34962	0.0478433	0.410148	-2.43815	0.0874819	0.475618	-2.10253	0.0569357	0.427982	-2.33655	0.033306	0.375337	-2.66427
cg12980411	CCDC61	0.000539075	0.422952	0.871666	-1.14723	0.395878	1.15709	1.15709	0.014509	0.603284	-1.65759	0.246571	0.816003	-1.22549	9.50E-06	0.201475	-4.9634
cg08141639	CCDC61	0.0058686	0.0487457	0.599567	-1.66787	0.0119906	0.49051	-2.03869	0.684853	1.09717	1.09717	0.00135198	0.347224	-2.87999	0.000531341	0.293488	-3.4073
cg24459409	CCDC61	0.00602251	0.0329276	0.585923	-1.70671	0.0024116	2.47339	2.47339	0.0166745	1.87063	1.87063	0.072928	0.651403	-1.53515	0.220464	0.758781	-1.3179
cg26666111	CCDC61	0.00971179	0.0471361	0.614648	-1.62695	0.0324177	1.71014	1.71014	0.0834847	1.50751	1.50751	0.145656	0.715541	-1.39754	0.053172	0.624579	-1.60108
cg21903660	CCDC61	0.0262397	0.0264095	0.483819	-2.06689	0.0495535	1.85515	1.85515	0.913446	0.970458	-1.03044	0.00960176	0.404835	-2.47014	0.0150998	0.438879	-2.27853
cg05202574	CCDC61	0.0274881	0.274419	0.534893	-1.86953	0.00489504	0.128512	-7.78136	0.307573	0.559278	-1.78802	0.924466	0.949163	-1.05356	0.0190605	0.209856	-4.76516
cg01031177	CCDC61	0.0452358	0.423232	0.813552	-1.22918	0.087168	1.61039	1.61039	0.637529	1.12718	1.12718	0.0619348	0.588434	-1.69943	0.00583157	0.402228	-2.48615
cg00433887	CCDC61;MIR769	4.05E-05	0.09752	0.817541	-1.22318	0.652216	0.950975	-1.05155	0.491814	1.08043	1.08043	9.10E-05	0.46071	-2.17056	6.49E-07	0.221815	-4.50827
cg02624019	CCDC61;MIR769	0.00391085	0.0683284	0.772189	-1.29502	0.728644	0.956842	-1.0451	0.22838	0.852022	-1.17368	0.105666	0.799401	-1.25094	0.894453	1.01696	1.01696
cg08426951	CCDC61;MIR769	0.0298826	0.637316	0.894214	-1.1183	0.0155178	0.497117	-2.0116	0.296578	1.29022	1.29022	0.317555	0.784072	-1.27539	0.713798	0.916925	-1.0906
cg08775774	CCDC62;CCDC62;CCDC62	1.06E-06	0.290227	0.929949	-1.07533	0.000151008	1.53781	1.53781	2.24E-07	2.80462	2.80462	0.000126165	0.642969	-1.55529	0.00913748	0.803254	-1.24494
cg17833037	CCDC62;CCDC62;CCDC62	0.00248041	0.666822	0.871547	-1.14738	0.00106456	4.64411	4.64411	0.0515633	2.02063	2.02063	0.331385	1.37454	1.37454	0.00240055	0.261173	-3.82889
cg01428378	CCDC62;CCDC62;CCDC62	0.00510765	0.893387	1.07693	1.07693	0.000889722	15.6663	15.6663	0.0324802	3.98956	3.98956	0.654679	1.28255	1.28255	0.0105317	0.16881	-5.92383
cg06604690	CCDC62;CCDC62;CCDC62	0.00747636	0.247405	0.794112	-1.25927	0.951889	0.988564	-1.01157	0.00507445	2.0262	2.0262	0.0405852	0.637152	-1.56948	0.408031	0.851021	-1.17506
cg00013441	CCDC62;CCDC62;CCDC62	0.00980902	0.337015	1.11224	1.11224	0.161195	1.17446	1.17446	0.0186107	1.35879	1.35879	0.526511	1.0714	1.0714	0.019031	0.737071	-1.35672
cg12819417	CCDC62;CCDC62;CCDC62	0.0106008	0.516559	1.24331	1.24331	0.341157	0.722672	-1.38375	0.349175	1.37593	1.37593	0.389552	0.74679	-1.33906	0.145696	0.596152	-1.67742
cg00609630	CCDC62;CCDC62;CCDC62	0.0187776	0.113537	0.36367	-2.74975	0.0159329	5.66256	5.66256	0.572134	1.3984	1.3984	0.451129	1.56989	1.56989	0.0290558	0.220624	-4.53259
cg05771701	CCDC62;CCDC62;CCDC62	0.0215166	?	?	?	0.836566	1.12381	1.12381	0.609778	0.747041	-1.33861	0.0138552	0.155339	-6.43752	?	?	?
cg10194844	CCDC62;CCDC62;CCDC62	0.0422061	0.848803	0.960408	-1.04122	0.962649	0.990137	-1.00996	0.143515	1.39472	1.39472	0.22592	0.76403	-1.30885	0.063006	0.642324	-1.55685
cg05745851	CCDC62;CCDC62;CCDC62;CCDC62;CCDC62	0.0127844	0.0820471	1.57076	1.57076	0.230649	1.34275	1.34275	0.0810435	1.5736	1.5736	0.208785	1.36416	1.36416	0.613855	0.887589	-1.12665
cg17348388	CCDC63	3.63E-05	5.57E-05	0.235637	-4.24382	0.0349851	0.622581	-1.60622	0.0124329	0.548817	-1.8221	0.0160328	1.76567	1.76567	3.77E-06	0.124593	-8.02612
cg08321600	CCDC63	0.0159477	0.0154915	0.409701	-2.4408	0.0166426	2.40752	2.40752	0.788353	1.08421	1.08421	0.0365609	2.07518	2.07518	0.0373314	0.483769	-2.0671
cg16202755	CCDC63	0.0169423	0.0101123	0.367781	-2.71901	0.994399	1.00217	1.00217	0.810362	1.07692	1.07692	0.381371	0.758232	-1.31886	0.0078791	0.349646	-2.86004
cg13752005	CCDC64	8.90E-05	0.768789	1.06695	1.06695	0.151279	1.40225	1.40225	0.345166	0.807542	-1.23833	0.0848977	0.657778	-1.52027	0.595506	1.12502	1.12502
cg10421247	CCDC64	0.00175358	0.0105185	1.9073	1.9073	0.196011	1.31554	1.31554	0.00498337	2.10753	2.10753	0.0773325	1.48271	1.48271	0.0913651	0.688726	-1.45196
cg03800721	CCDC64	0.0157498	0.0013883	0.621127	-1.60998	0.594803	1.05672	1.05672	0.589751	1.05753	1.05753	0.723797	0.964195	-1.03713	0.0026682	0.652583	-1.53237
ch.12.2480290	CCDC64	0.0160724	0.00627515	0.186288	-5.36803	0.0351657	0.314108	-3.18362	0.00307181	0.147657	-6.77245	0.00738865	0.19614	-5.0984	0.0151313	0.244494	-4.09008
cg04918921	CCDC64	0.0244779	0.669151	1.06617	1.06617	0.0626192	1.36656	1.36656	0.258094	1.19231	1.19231	0.00394434	0.561015	-1.78248	0.112248	1.294	1.294
cg10895952	CCDC64	0.026621	0.981996	1.0076	1.0076	0.0889492	1.87594	1.87594	0.474389	1.27629	1.27629	0.157045	1.66113	1.66113	0.0271977	0.416195	-2.40272
cg20608813	CCDC64	0.0356553	0.0166524	0.173792	-5.754	0.937352	0.954038	-1.04818	0.140504	0.387113	-2.58322	0.795378	0.855938	-1.16831	0.0250175	0.202704	-4.93331
cg00175980	CCDC64	0.0390097	0.70909	1.12532	1.12532	0.338224	0.732708	-1.3648	0.146064	0.611646	-1.63493	0.0440568	2.07274	2.07274	0.70341	1.12807	1.12807
cg09064482	CCDC64B	5.64E-06	2.87E-05	0.370124	-2.70179	3.11E-05	0.374247	-2.67203	8.44E-06	0.309447	-3.23157	0.0216946	0.716557	-1.39556	2.50E-05	0.363229	-2.75308
cg07063883	CCDC64B	7.66E-06	3.74E-05	0.380788	-2.62613	0.100074	0.802864	-1.24554	0.000139695	0.448624	-2.22904	0.00764696	0.658485	-1.51864	7.67E-05	0.417635	-2.39444
cg27219841	CCDC64B	1.42E-05	0.0455991	1.64613	1.64613	0.0316103	0.578118	-1.72975	0.000189249	0.25445	-3.93004	0.0316064	1.72978	1.72978	8.56E-05	0.215647	-4.63721
cg14134732	CCDC64B	5.63E-05	4.66E-05	0.250813	-3.98703	2.02E-05	0.211904	-4.71912	0.000252224	0.337581	-2.96225	0.0233416	0.614043	-1.62855	0.00035549	0.356362	-2.80614
cg21322452	CCDC64B	0.000160403	0.00102236	0.322706	-3.0988	0.642981	1.11453	1.11453	5.51E-05	0.174858	-5.71894	0.000129951	0.213526	-4.68328	0.000153982	0.221653	-4.51156
cg27130176	CCDC64B	0.00105371	0.582749	0.867956	-1.15213	0.639761	1.12785	1.12785	0.0377352	0.540589	-1.84983	0.0937191	1.60073	1.60073	0.000565023	0.255676	-3.9112
cg07868599	CCDC64B	0.00161509	0.12922	0.486597	-2.05509	0.000257152	0.0710887	-14.0669	0.000227814	0.0677783	-14.754	0.113728	0.46948	-2.13002	0.00601756	0.206606	-4.84013
cg27519622	CCDC64B	0.00309693	0.00146989	0.248533	-4.02361	0.00324138	0.295954	-3.3789	0.00235535	0.276184	-3.62077	0.284869	0.714017	-1.40053	0.00828421	0.359285	-2.7833
cg27090594	CCDC64B	0.00656105	0.254567	1.47822	1.47822	0.00142575	4.55356	4.55356	0.000648101	5.57706	5.57706	0.356251	1.36581	1.36581	0.356889	0.732488	-1.36521
cg07581922	CCDC64B	0.0272526	0.180026	0.741673	-1.3483	0.46321	1.16967	1.16967	0.233976	1.29938	1.29938	0.00174703	2.55118	2.55118	0.0811668	0.666433	-1.50053
cg05650846	CCDC64B	0.0349393	0.0246222	7.24775	7.24775	0.0196915	8.0434	8.0434	0.0564877	4.94307	4.94307	0.117638	3.51705	3.51705	0.0522551	5.12323	5.12323
cg04612503	CCDC64B;CCDC64B	0.021862	0.0150017	0.318046	-3.1442	0.0320112	0.381939	-2.61822	0.036251	0.393444	-2.54166	0.918176	0.961397	-1.04015	0.0192487	0.337966	-2.95888
cg22827806	CCDC65	0.000135522	0.0020208	0.303535	-3.29451	4.43E-05	8.31744	8.31744	0.0204898	2.14775	2.14775	0.394031	1.27001	1.27001	0.00596962	2.67534	2.67534
cg26404669	CCDC65	0.00102351	0.0278256	2.05348	2.05348	0.00054655	4.42135	4.42135	0.000365836	4.85496	4.85496	0.000224931	5.46595	5.46595	0.113538	1.61054	1.61054
cg07876898	CCDC65	0.00181434	0.000244754	17.0298	17.0298	0.901906	0.943959	-1.05937	0.0734808	2.54311	2.54311	0.00025584	16.7177	16.7177	0.148345	2.06509	2.06509
cg08958015	CCDC65;CCDC65	0.0155545	0.192703	1.676	1.676	0.0360013	2.49338	2.49338	0.019733	2.87124	2.87124	0.00039122	8.30511	8.30511	0.614253	0.826658	-1.20969
cg02620769	CCDC65;CCDC65	0.0223879	0.391257	0.762726	-1.31109	0.0208904	2.35645	2.35645	0.00969887	2.74273	2.74273	0.138702	1.63471	1.63471	0.758303	1.09985	1.09985
cg12457740	CCDC66;CCDC66;CCDC66	0.000133799	2.94E-05	0.410645	-2.43519	0.0171694	0.729384	-1.37102	0.932167	1.00929	1.00929	0.00892467	0.696647	-1.43545	0.109091	1.20908	1.20908
cg13792233	CCDC66;CCDC66;CCDC66	0.00106678	0.37101	0.697276	-1.43415	1.36E-05	0.0175827	-56.874	0.343421	1.46714	1.46714	0.679963	1.17622	1.17622	0.14066	0.534391	-1.87129
cg05401945	CCDC66;CCDC66;CCDC66	0.0220788	0.678966	0.877946	-1.13902	0.00169362	0.245906	-4.0666	0.00568269	0.321546	-3.10997	0.540489	0.823818	-1.21386	0.0989123	0.567863	-1.76099
cg18152523	CCDC67	8.31E-05	0.0009684	0.625017	-1.59996	1.02E-05	0.404722	-2.47083	0.505308	0.937364	-1.06682	0.000116324	0.524003	-1.90839	5.71E-05	0.489283	-2.04381
cg26293681	CCDC67	0.00061976	0.771204	0.927357	-1.07833	0.00603619	0.395454	-2.52874	0.0344244	0.528309	-1.89283	0.796432	0.935324	-1.06915	9.94E-06	0.0859328	-11.637
cg18786535	CCDC67	0.00216641	0.89018	1.05069	1.05069	0.154066	1.72662	1.72662	0.0653723	2.09675	2.09675	0.456432	1.31191	1.31191	0.795869	0.91138	-1.09724
cg09919809	CCDC67	0.0100428	0.0798916	2.09673	2.09673	0.32641	0.679761	-1.4711	0.00989817	0.288932	-3.46103	0.686246	1.16733	1.16733	0.0345888	2.55681	2.55681
cg07883772	CCDC67	0.0310133	0.298717	1.54986	1.54986	0.723727	0.870317	-1.14901	0.314109	1.7023	1.7023	0.16652	1.83225	1.83225	[illegible]	[illegible]	[illegible]
cg14352267	CCDC67	0.0286699	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26630735	CCDC67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03613525	CCDC68;CCDC68	0.000305985	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12955441	CCDC68;CCDC68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16583884	CCDC68;CCDC68	0.0135188	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03778029	CCDC68;CCDC68	0.015999	0.0345508	9.29211	9.29211	0.0206125	12.451	12.451	0.131729	4.35594	4.35594	0.621954	1.56755	1.56755	0.0175913	13.634	13.634

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12380609	0.310663	0.859777	-1.16309	0.00730159	0.607593	-1.64584	0.0848399	0.759973	-1.31584	0.216217	1.20615	1.20615	7.40285	2.43204	0.292025	1
cg11144990	0.0711418	0.656917	-1.52226	0.280661	1.26334	1.26334	0.342006	1.22641	1.22641	0.0549177	1.57423	1.57423	5.84048	4.01941	0.611732	1
cg16884940	0.671239	0.91665	-1.09093	0.0262471	0.584264	-1.71156	0.126221	0.713737	-1.40108	0.733396	1.07218	1.07218	5.24184	3.44959	0.584966	1
cg23341126	0.802508	0.970141	-1.03078	0.890183	1.01685	1.01685	0.511915	0.922688	-1.08379	0.702658	0.954665	-1.04749	4.17724	0.968039	0.205992	1
cg24216114	0.00387152	0.392692	-2.54652	0.266056	0.756985	-1.32103	0.756479	1.07759	1.07759	0.889983	1.03381	1.03381	6.70308	6.12702	0.812498	1
cg15507901	0.101764	0.598669	-1.67037	3.45E-06	0.0437803	-22.8413	0.333177	0.751335	-1.33097	0.0019312	0.28457	-3.51407	37.2904	48.4468	1.15482	1
cg19466967	0.042386	1.31481	1.31481	0.000700696	1.8314	1.8314	0.846297	1.02298	1.02298	0.784847	0.968468	-1.03256	8.79542	1.90945	0.192975	1
cg07119172	1.93E-06	0.349713	-2.85949	3.92E-07	0.274607	-3.64157	0.983523	1.00184	1.00184	0.010766	0.751669	-1.33037	46.4803	5.84315	0.111744	1
cg16066221	0.00019984	0.520161	-1.92248	4.86E-05	0.449519	-2.2246	0.678403	0.957295	-1.04461	0.0677525	0.807207	-1.23884	14.0364	2.43553	0.154236	1
cg26898932	0.00775423	0.488008	-2.04915	6.27E-05	0.212958	-4.69576	0.737762	0.931927	-1.07305	0.000129407	0.247739	-4.0365	13.6649	9.52633	0.619678	1
cg14517309	0.0441407	0.701239	-1.42605	0.0719057	1.36118	1.36118	0.158411	1.26037	1.26037	0.0435322	1.42794	1.42794	7.71981	2.87994	0.331607	1
cg17723549	0.000158019	1.59111	1.59111	0.000795863	1.43924	1.43924	0.805412	1.0179	1.0179	0.647469	1.03364	1.03364	15.6544	1.28075	0.0727237	1
cg13770529	0.00366547	1.4031	1.4031	0.0552838	0.829206	-1.20597	0.509652	0.943973	-1.05935	0.505878	0.943473	-1.05991	5.51392	0.648899	0.104608	1
cg22882093	0.87821	0.976055	-1.02453	0.264628	1.20173	1.20173	0.254071	0.82842	-1.20712	0.000869396	0.454014	-2.20258	20.1629	7.97703	0.35167	1
cg25532751	0.000125613	0.292522	-3.41855	0.35426	1.19171	1.19171	0.540717	0.892286	-1.12072	0.147976	0.751544	-1.33059	19.2011	10.2992	0.476785	1
cg12486944	0.00136464	0.45878	-2.17969	0.0460775	0.681644	-1.46704	0.0741358	0.716294	-1.39607	0.571282	0.908529	-1.10068	18.8596	8.39677	0.395755	1
cg06073302	0.00154558	0.534502	-1.8709	0.000884704	0.50388	-1.9846	0.183869	1.21404	1.21404	0.010343	0.641222	-1.55952	18.7092	5.60798	0.26644	1
cg20197093	0.00722161	0.546961	-1.82829	0.114352	0.741629	-1.34838	0.319455	0.836051	-1.1961	0.0441089	0.668613	-1.49563	16.816	8.06756	0.426449	1
cg24973483	0.0248454	0.492276	-2.03138	0.000309269	0.211504	-4.72804	0.0106563	0.426561	-2.34433	0.132421	0.649949	-1.53858	13.5767	15.1411	0.991317	1
cg21698718	0.000542081	0.359233	-2.78371	0.0059976	0.504748	-1.98119	0.145485	0.742619	-1.34659	0.401912	0.849315	-1.17742	12.4507	7.1471	0.510252	1
cg01465684	0.00177493	0.370799	-2.69688	0.0677044	1.57815	1.57815	0.536231	1.14985	1.14985	0.0923272	0.661661	-1.51135	11.6154	9.14229	0.699629	1
cg12223090	0.398768	0.852681	-1.17277	0.000694692	0.384936	-2.59783	0.177464	0.767664	-1.30265	0.325303	0.829139	-1.20607	10.0972	5.44222	0.479094	1
cg22476252	0.00208819	0.273337	-3.65849	0.00177636	0.26377	-3.79118	0.192232	0.661402	-1.51194	0.0149305	0.408015	-2.45089	9.79712	13.9181	1.26278	1
cg10505658	0.033899	0.543794	-1.83893	0.0331895	0.542035	-1.8449	0.222841	1.37037	1.37037	0.0283542	0.529091	-1.89004	9.39279	9.00066	0.851779	1
cg24963024	0.208848	1.1865	1.1865	0.0191314	0.693503	-1.44196	0.198572	0.839143	-1.19169	0.08682	0.78339	-1.2765	8.74115	2.30666	0.234565	1
cg02262688	0.08012	0.570203	-1.75376	0.0591561	0.539851	-1.85236	0.844929	1.05829	1.05829	0.0115388	0.400905	-2.49435	8.41111	11.1519	1.17854	1
cg13240704	0.142197	1.69178	1.69178	0.00051572	0.164353	-6.08446	0.951745	0.980035	-1.02037	0.347459	0.724432	-1.38039	8.2806	14.5629	1.56327	1
cg25639749	0.190049	1.27888	1.27888	0.00161896	2.22748	2.22748	0.131818	1.33415	1.33415	0.110064	0.734413	-1.36163	7.59397	3.77795	0.442216	1
cg02962602	0.614064	1.1114	1.1114	0.0187125	0.553279	-1.80741	0.0692024	0.655538	-1.52546	0.000712506	2.91752	2.91752	6.74593	4.60995	0.607439	1
cg06132853	0.0538799	0.50326	-1.98704	0.796678	1.08437	1.08437	0.961921	1.01509	1.01509	0.310607	0.71954	-1.38978	6.32903	9.86605	1.38565	1
cg04098763	0.672973	0.752383	-1.32911	0.00194466	0.0530052	-18.8661	0.0869591	3.54952	3.54952	0.143248	2.86979	2.86979	6.09267	43.34	6.32307	1
cg22167267	0.500861	1.18774	1.18774	0.405767	1.23885	1.23885	0.00165934	3.10572	3.10572	0.0524293	1.74264	1.74264	5.64676	5.67087	0.892686	1
cg06715330	0.100554	1.38224	1.38224	0.0119989	1.75755	1.75755	0.00942056	1.80806	1.80806	0.744612	0.942877	-1.06058	5.2573	2.69625	0.455875	1
cg21880101	0.692395	1.09322	1.09322	0.868638	0.963578	-1.0378	0.387308	1.21972	1.21972	0.851895	0.958972	-1.04278	5.22393	4.1567	0.707291	1
cg22142205	0.0309198	0.628964	-1.58992	0.0141074	1.74083	1.74083	0.137542	1.33997	1.33997	0.846081	0.965062	-1.0362	4.9518	2.62605	0.471397	1
cg15754222	0.0850957	0.537081	-1.86192	0.00262874	3.89468	3.89468	0.141945	1.67454	1.67454	0.657823	1.15667	1.15667	4.90693	8.28472	1.50077	1
cg03789597	0.300917	0.805162	-1.24199	0.413115	1.18432	1.18432	0.320358	0.812534	-1.23072	0.729226	0.932154	-1.07278	4.81172	3.11508	0.575463	1
cg22110888	0.646883	0.913219	-1.09503	0.0770534	1.47245	1.47245	0.0290067	1.65959	1.65959	0.109518	1.40975	1.40975	4.74224	2.90935	0.54533	1
cg17286790	0.599646	0.877464	-1.13965	0.00996108	2.2328	2.2328	0.367759	1.2565	1.2565	0.659931	0.896479	-1.11548	4.6502	4.48591	0.857485	1
cg23985595	0.232451	0.713274	-1.40199	0.0198691	0.468295	-2.13541	0.576919	0.858916	-1.16426	0.50124	0.831772	-1.20225	4.64204	5.35323	1.02507	1
cg21295367	0.884194	1.04279	1.04279	0.00177614	3.59346	3.59346	0.0754902	1.76615	1.76615	0.26044	1.40131	1.40131	4.61525	6.03985	1.16326	1
cg01777586	0.115621	0.54952	-1.81977	0.00265126	0.233283	-4.28663	0.690836	0.869413	-1.1502	0.109067	0.542438	-1.84353	4.48335	8.70043	1.72499	1
cg21565972	0.119336	0.52592	-1.90143	0.35215	0.694878	-1.4391	0.678672	0.853523	-1.17161	0.894157	0.950652	-1.05191	4.22186	9.6647	2.03485	1
cg16920238	0.336202	0.421111	-2.37467	0.0115751	0.0637071	-15.6968	0.129831	4.16693	4.16693	0.103857	4.71662	4.71662	4.15437	50.0493	10.7088	1
cg09163921	0.0615861	0.567452	-1.76226	0.0987417	0.614376	-1.62767	0.792487	0.931509	-1.07353	0.660175	0.887755	-1.12644	3.85957	4.42626	1.0194	1
cg02967812	0.259282	0.708496	-1.41144	0.0859964	0.573761	-1.74289	0.598938	1.16813	1.16813	0.656695	0.877225	-1.13996	3.52993	4.79351	1.20708	1
cg00755572	0.836149	0.96803	-1.03303	0.275752	1.19469	1.19469	0.577589	0.915516	-1.09228	0.946934	0.989611	-1.0105	3.42898	1.33679	0.346534	1
cg26093898	0.0053141	0.246602	-4.05512	0.0193767	0.3404	-2.93772	0.561201	0.79937	-1.25098	0.0291461	0.375368	-2.66406	3.40296	7.82933	2.0451	1
cg08987606	0.00649	1.26133	1.26133	0.000854207	1.38922	1.38922	0.680366	0.973184	-1.02755	0.723842	0.97699	-1.02355	11.2979	0.770431	0.0606153	1
cg06623150	0.0710144	0.758224	-1.31887	0.0181782	1.48223	1.48223	0.903401	0.983476	-1.0168	0.0692866	0.756628	-1.32165	9.49963	2.8333	0.265115	1
cg02327654	0.036876	0.47204	-2.11846	0.000240614	0.152334	-6.56451	0.458642	1.26324	1.26324	0.0374698	0.473495	-2.11196	8.49062	12.8949	1.34997	1
cg05234169	0.697099	1.04683	1.04683	0.000575536	0.536089	-1.86536	0.355076	1.11775	1.11775	0.340247	0.891364	-1.12188	6.61193	1.43372	0.192746	1
cg17054054	0.366377	1.28523	1.28523	0.000742729	0.250365	-3.99417	0.12665	1.56327	1.56327	0.116717	1.58546	1.58546	4.53521	5.25201	1.02938	1
cg03652173	0.127729	0.478119	-2.09153	0.0129225	0.250898	-3.98568	0.0370614	0.337962	-2.95891	0.0839965	0.424558	-2.35539	3.7151	11.813	2.82643	1
cg05338745	0.549261	0.83603	-1.19613	0.530374	0.82871	-1.2067	?	?	?	0.00203091	0.257042	-3.89042	4.20134	5.03958	1.04958	1
cg15232971	0.00440514	1.66527	1.66527	0.00356994	0.58886	-1.6982	0.192607	1.20322	1.20322	0.584664	0.928627	-1.07686	23.9165	6.81716	0.253369	1
cg26628410	0.471013	0.786992	-1.27066	0.00341314	0.272589	-3.66853	0.166235	1.6197	1.6197	0.000598635	0.177278	-5.64085	15.9595	26.9731	1.5023	1
cg08096168	0.114049	0.807947	-1.2377	0.00751136	0.652581	-1.53238	0.855423	1.02288	1.02288	0.321015	1.13564	1.13564	7.83375	1.90932	0.216649	1
ch.10.1271486	0.136413	0.456638	-2.18992	0.0566687	0.348585	-2.86874	0.328904	0.611246	-1.636	0.715999	1.19541	1.19541	6.16644	23.3067	3.35965	1
cg27573389	0.0186996	2.16162	2.16162	0.00126035	3.57289	3.57289	0.0262748	2.03994	2.03994	0.00697493	2.5702	2.5702	5.67641	6.57742	1.02998	1
cg04036272	0.0983612	0.715156	-1.3983	0.276944	0.811293	-1.2326	0.0293338	1.60755	1.60755	0.569922	0.89925	-1.11204	4.90707	2.65816	0.481511	1
cg15320596	0.199357	1.51329	1.51329	0.705961	1.12277	1.12277	0.262698	1.42871	1.42871	0.732224	1.11064	1.11064	4.62091	6.83122	1.31407	1
cg05187826	0.882866	1.03608	1.03608	0.396406	0.81157	-1.23218	0.580788	1.1435	1.1435	0.653608	0.897093	-1.11471	4.39248	4.02079	0.813671	1
cg10779126	0.0987087	0.48121	-2.0781	0.0238012	0.33626	-2.97389	0.661233	1.195	1.195	0.0115181	0.278951	-3.58486	4.17633	10.7955	2.29771	1
cg05901196	0.317136	0.65189	-1.534	0.00237291	0.173171	-5.77464	0.0187689	0.307828	-3.24857	0.922856	0.960716	-1.04089	4.12343	11.1804	2.41016	1
cg17307051	0.0557935	0.592924	-1.68656	0.198056	0.720268	-1.38837	0.126888	0.671499	-1.48921	0.104785	0.652064	-1.53359	3.80863	3.50945	0.819064	1
cg04845613	0.00119132	0.671761	-1.48862	1.39E-06	2.80372	2.80372	0.315774	1.09075	1.09075	0.000184245	0.589084	-1.69755	36.3374	4.03601	0.0987291	1
cg19213167	0.0249215	0.624496	-1.60129	0.0121047	0.5759	-1.73641	0.000156183	0.319227	-3.13257	1.76E-05	0.212362	-4.70894	32.1543	15.848	0.43811	1
cg25021709	0.810948	1.09492	1.09492	3.47E-05	0.048349	-20.683	0.000313789	0.109631	-9.12148	0.0320738	0.386642	-2.58637	11.7788	26.7147	2.01604	1
cg21844669	0.0408921	0.328027	-3.04853	0.000131947	0.043604	-22.9337	0.0453612	0.338162	-2.95716	0.00816867	0.202131	-4.94728	9.32161	32.9357	3.14068	1
cg12404465	0.0537478	0.603858	-1.65602	0.0110415	0.479918	-2.08369	0.00255222	0.381393	-2.62197	0.148392	0.699751	-1.42908	7.81075	6.56153	0.746724	1
cg05039893	0.424075	0.694203	-1.4405	0.00568677	0.197583	-5.06116	0.00652547	0.205939	-4.85582	0.258004	0.589969	-1.69501	6.10806	19.3353	2.81381	1
cg12504696	0.055026	0.406036	-2.46284	0.00949312	0.256297	-3.90173	0.000661481	0.115282	-8.67435	0.549799	0.778262	-1.28492	5.58308	15.1764	2.41625	1
cg01827818	0.025684	0.295817	-3.38046	0.00212948	0.137518	-7.27177	0.00975952	0.222657	-4.49121	0.0568804	0.371386	-2.69261	5.08194	17.004	2.97419	1
cg20488281	0.0149135	0.314944	-3.17517	0.00612632	0.251493	-3.97626	0.122951	1.90584	1.90584	0.101666	0.500823	-1.99672	4.55117	10.7343	2.09652	1
cg13299942	0.297249	0.763875	-1.30912	0.964334	0.988916	-1.01121	0.0864615	0.623723	-1.60327	0.00543485	0.401827	-2.48863	4.46085	4.38928	0.874628	1
cg16244006	0.143778	0.400196	-2.49877	0.192289	0.447231	-2.23598	0.420394	0.618803	-1.61602	0.651133	0.766886	-1.30397	4.41916	23.7937	4.78597	1
cg26521278	0.96311	1.01827	1.01827	0.0174779	0.322299	-3.10271	0.0141289	0.305618	-3.27205	0.13966	0.536799	-1.8629	4.07637	9.89115	2.15685	1
cg26365998	0.0209491	0.334753	-2.98728	0.0046623	0.22715	-4.40237	0.98102	1.00942	1.00942	0.158317	0.55206	-1.8114	3.55768	8.74368	2.18461	1
cg12980411	0.00163401	0.469009	-2.13215	0.736237	0.944846	-1.05837	0.602134	0.915516	-1.09228	0.352597	1.17412	1.17412	13.995	6.24181	0.396447	1
cg08141639	0.0194315	0.526149	-1.9006	0.192001	0.730607	-1.36873	0.565992	0.876463	-1.14095	0.494867	0.854254	-1.17061	6.98672	5.71544	0.727149	1
cg24459409	0.733313	0.929337	-1.07604	0.00821648	0.484557	-2.06374	0.248028	0.771999	-1.29534	0.212086	1.32532	1.32532	6.93114	5.04037	0.646406	1
cg26666111	0.178713	0.736324	-1.3581	0.144836	1.39864	1.39864	0.133307	1.41475	1.41475	0.00282219	2.41402	2.41402	5.9661	4.33731	0.646216	1
cg21903660	0.268849	0.727886	-1.37384	0.684032	0.893287	-1.11946	0.837318	0.944874	-1.05834	0.164716	1.50502	1.50502	4.28431	5.16136	1.07085	1
cg05202574	0.114389	0.38876	-2.57228	0.00243034	0.0980631	-10.1975	0.44549	0.651873	-1.53404	0.116243	0.390955	-2.55784	4.21506	20.2082	4.26159	1
cg01031177	0.575006	0.866832	-1.15363	0.310613	0.767467	-1.30299	0.122727	1.52484	1.52484	0.299853	1.31133	1.31133	3.51863	3.5465	0.895929	1
cg00433887	0.00238277	0.625487	-1.59875	0.897035	0.985757	-1.01445	0.918313	0.988698	-1.01143	0.0627512	0.79294	-1.26113	28.1451	5.47239	0.172831	1
cg02624019	0.0224004	1.41419	1.41419	0.000144667	2.29113	2.29113	0.284899	1.15108	1.15108	0.191051	1.19168	1.19168	7.90599	2.00912	0.22589	1
cg08426951	0.973327	0.992159	-1.0079	0.00180274	2.84368	2.84368	0.95662	1.01289	1.01289	0.785504	1.06634	1.06634	4.09252	3.5931	0.780415	1
cg08775774	1.98E-05	1.77208	1.77208	4.31E-05	0.598142	-1.67184	3.37E-05	0.587539	-1.70202	0.0169375	0.824714	-1.21254	72.2968	5.01255	0.0616292	1
cg17833037	0.00945867	2.84025	2.84025	0.00434428	3.35265	3.35265	0.469481	0.791682	-1.26313	0.579795	0.837336	-1.19426	9.05297	14.4472	1.41853	1
cg01428378	0.0332313	3.95827	3.95827	0.00686958	6.92207	6.92207	0.570529	0.728412	-1.37285	0.57989	0.734135	-1.36215	7.291	35.2817	4.3014	1
cg06604690	0.00102177	2.53	2.53	0.148346	0.744126	-1.34386	0.230153	1.27123	1.27123	0.440503	0.860753	-1.16177	6.48041	3.72939	0.511544	1
cg00013441	0.00414956	1.51129	1.51129	0.0104458	0.707201	-1.41402	0.987574	1.00168	1.00168	0.215455	1.1504	1.1504	5.94716	1.08779	0.162586	1
cg12819417	0.0205665	2.51874	2.51874	0.00053988	0.168337	-5.94048	0.0770459	0.52152	-1.91747	0.795933	1.08961	1.08961	5.80111	10.074	1.54361	1
cg00609630	0.247357	0.491405	-2.03498	0.00375679	0.100472	-9.95298	0.774727	1.1836	1.1836	0.117709	0.368608	-2.71291	4.80614	26.2657	4.8578	1
cg05771701	0.0366504	0.234377	-4.26663	0.00165569	0.053467	-18.7031	0.590386	0.734934	-1.36067	0.588091	0.7335	-1.36333	6.06443	22.6968	3.20795	1
cg10194844	0.00463791	2.21914	2.21914	0.156228	0.725393	-1.37856	0.190902	0.745927	-1.34061	0.453889	1.17525	1.17525	3.61076	2.5619	0.630681	1
cg05745851	0.0360707	1.77071	1.77071	0.0116447	2.09385	2.09385	0.00298465	2.59799	2.59799	0.00159286	2.89186	2.89186	5.45987	4.7499	0.773302	1
cg17348388	0.00102576	0.391175	-2.5564	0.000105964	0.267121	-3.74363	0.000163996	0.289497	-3.45427	0.00833578	0.521888	-1.91612	28.9635	17.0643	0.523702	1
cg08321600	0.53766	0.829004	-1.20627	0.0145479	2.47046	2.47046	0.416844	1.28317	1.28317	0.760313	1.0963	1.0963	5.07651	7.25956	1.27114	1
cg16202755	0.0351024	0.469193	-2.13132	0.00265534	0.277641	-3.60177	0.0687802	0.533727	-1.87362	0.0316892	0.460065	-2.17361	4.97514	7.48746	1.33776	1
cg13752005	0.0197299	0.538428	-1.85726	8.05E-07	0.0547066	-18.2793	0.0949685	0.668039	-1.49692	0.654154	0.905615	-1.10422	22.8408	17.4855	0.680478	1
cg10421247	0.00682471	0.49514	-2.01963	0.000690469	0.353816	-2.82632	0.483818	0.866996	-1.15341	0.0985508	1.43814	1.43814	10.0174	6.38264	0.566362	1
cg03800721	0.0329564	0.773907	-1.29214	0.697753	0.96069	-1.04092	0.406377	0.916415	-1.09121	0.991304	0.998881	-1.00112	5.09762	0.852547	0.148661	1
ch.12.2480290	0.0843173	0.406078	-2.46258	0.04117	0.32898	-3.0397	0.113855	0.444051	-2.25199	0.38434	0.656422	-1.52341	5.06338	17.8609	3.13553	1
cg04918921	0.183019	1.23441	1.23441	0.0768888	0.745852	-1.34075	0.0924682	0.758817	-1.31784	0.654894	0.935142	-1.06936	4.38929	1.5444	0.312762	1
cg10895952	0.824568	0.928254	-1.07729	0.00273277	0.249802	-4.00317	0.166884	1.63916	1.63916	0.773392	0.907725	-1.10166	4.26273	7.59181	1.58309	1
cg20608813	0.145669	0.392556	-2.54741	0.00233071	0.0785228	-12.7351	0.793184	0.854472	-1.17031	0.0779777	0.309662	-3.22933	3.84123	21.7957	5.0437	1
cg00175980	0.205296	0.656399	-1.52346	0.00273264	0.271685	-3.68074	0.754758	0.905999	-1.10375	0.290027	1.41333	1.41333	3.71724	5.8429	1.39719	1
cg09064482	5.91E-06	0.292235	-3.42191	4.68E-06	0.281173	-3.55653	6.44E-06	0.296339	-3.37452	8.25E-05	0.424144	-2.35769	47.0459	10.8971	0.205891	1
cg07063883	0.000438333	0.508189	-1.96777	2.04E-07	0.146296	-6.83546	0.0186416	0.70644	-1.41555	3.32E-05	0.374791	-2.66815	43.4739	10.2239	0.209043	1
cg27219841	0.00354901	0.423495	-2.3613	5.29E-07	0.0480975	-20.7911	0.00131983	0.362041	-2.76212	0.000831125	0.334851	-2.9864	37.0357	27.7321	0.665593	1
cg14134732	0.0949608	0.718768	-1.39127	1.07E-05	0.184471	-5.4209	0.000969439	0.413255	-2.41981	0.0119355	0.568604	-1.75869	25.8037	13.2353	0.45593	1
cg21322452	0.00416492	0.409822	-2.44009	0.000215932	0.238314	-4.19615	0.00910894	0.463181	-2.15898	0.00173275	0.354197	-2.82329	19.501	16.6651	0.759624	1
cg27130176	0.418423	0.809741	-1.23496	6.95E-05	0.156495	-6.38998	0.00358866	0.365458	-2.7363	0.261618	0.741713	-1.34823	11.5931	11.9616	0.917141	1
cg07868599	0.0569464	0.388076	-2.57682	0.00247182	0.157378	-6.35414	0.523331	0.752615	-1.3287	0.781093	1.13021	1.13021	10.2586	31.3669	2.71789	1
cg27519622	0.00790887	0.35596	-2.8093	0.00148075	0.248951	-4.01686	0.557179	0.835244	-1.19726	0.00835521	0.359899	-2.77855	8.47766	12.3458	1.29447	1
cg27090594	0.555875	0.822246	-1.21618	0.180548	0.62679	-1.59543	0.811109	0.924353	-1.08184	0.0981064	1.81502	1.81502	6.74976	11.5385	1.51953	1
cg07581922	0.310957	0.802491	-1.24612	0.826657	0.95501	-1.04711	0.0698776	1.53027	1.53027	0.792667	1.05685	1.05685	4.22782	2.9499	0.620208	1
cg05650846	0.0385026	5.89536	5.89536	0.012332	10.0346	10.0346	0.014264	9.36283	9.36283	0.0485523	5.29921	5.29921	3.86956	33.5642	7.71014	1
cg04612503	0.0524237	0.429549	-2.32803	0.00391088	0.225837	-4.42797	0.0174289	0.32991	-3.03113	0.0998337	0.501124	-1.99551	4.56378	10.6089	2.0663	1
cg22827806	0.00236929	0.313311	-3.19172	0.000104628	6.5353	6.5353	0.998695	0.999552	-1.00045	0.193821	1.45703	1.45703	20.4071	24.2264	1.05525	1
cg26404669	0.567284	0.852117	-1.17355	0.0715556	1.74524	1.74524	0.66579	1.1278	1.1278	0.00234379	3.23932	3.23932	11.6892	14.1808	1.07836	1
cg07876898	0.993739	0.996337	-1.00368	0.00180443	7.97095	7.97095	0.909544	1.0546	1.0546	0.303376	1.64644	1.64644	9.91893	34.3664	3.07976	1
cg08958015	0.404183	1.37675	1.37675	0.43696	1.34586	1.34586	0.889275	1.05356	1.05356	0.169569	1.72994	1.72994	5.11878	11.3746	1.97523	1
cg02620769	0.879727	1.0478	1.0478	0.587062	1.18422	1.18422	0.170648	1.56815	1.56815	0.00155125	4.06811	4.06811	4.52669	6.81632	1.33849	1
cg12457740	0.000460016	0.549262	-1.82062	2.63E-05	0.405175	-2.46807	0.876341	0.983222	-1.01706	0.194249	1.16093	1.16093	20.4774	3.82915	0.166217	1
cg13792233	0.465385	1.33807	1.33807	0.195189	0.582577	-1.71651	0.939781	0.970894	-1.02998	0.402474	0.71451	-1.39956	14.0414	33.2741	1.8431	1
cg05401945	0.0777529	0.541655	-1.84619	0.0160325	0.397742	-2.51419	0.314122	0.722095	-1.38486	0.0917346	0.5595	-1.78731	4.54836	7.04688	1.37718	1
cg18152523	0.0115116	0.739008	-1.35317	0.0897651	0.836126	-1.19599	0.000177598	0.54447	-1.83665	0.00128887	0.638353	-1.56653	23.2602	3.37341	0.128915	1
cg26293681	0.186905	1.43596	1.43596	0.47624	1.20605	1.20605	0.914078	0.972471	-1.02831	0.441537	1.22504	1.22504	13.4616	14.2623	0.941756	1
cg18786535	0.000380085	0.131113	-7.62701	0.000323656	0.124765	-8.01505	0.45182	1.31571	1.31571	0.877662	1.05669	1.05669	9.41958	19.1138	1.80369	1
cg09919809	0.0628187	2.21998	2.21998	0.0257946	0.364744	-2.74165	0.00681586	3.80183	3.80183	0.724958	0.874081	-1.14406	5.90255	13.5689	2.04339	1
cg07883772	0.114563	0.497503	-2.01004	0.139843	0.534918	[illegible]	[illegible]	3.85933	3.85933	0.953351	0.976433	-1.02414	4.93881	10.5851	2.22064	1
cg14352267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26630735	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03613525	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12955441	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16583884	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03778029	0.367522	2.30986	2.30986	0.00144963	64.1859	64.1859	0.00997595	18.968	18.968	0.0255233	11.0258	11.0258	5.0711	65.696	11.5155	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(134T vs. N)	Fold-Change(134T vs. N)	p-value(137T vs. N)	Fold-Change(137T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg07058998	CCDC68;CDC68	0.033925	0.0641574	0.458872	-2.21792	0.00924022	0.325185	-1.54378	0.0241311	0.3570983	-2.80839	0.176881	0.5777129	-1.71275	0.00797023	0.285667	-3.50058	0.0824117	0.47867	-2.08912	0.0153157	0.319877	-3.1262	0.0409076	0.405258	-2.46756	0.210779	0.603539	-1.65689	3.91095	9.08123	2.66445	1
cg12113740	CCDC68;CDC68	0.0362357	0.0210151	0.3207	-3.11818	0.0278819	0.344896	-2.89943	0.0200032	0.316633	-3.15824	0.131149	0.512891	-1.94973	0.0070140	0.239632	-4.17307	0.0371359	0.370192	-2.69475	0.0298111	0.350854	-2.85019	0.103656	0.482367	-2.07311	0.260376	0.618215	-1.61756	3.81877	10.1498	2.36256	1
cg12974637	CCDC68;CDC68;CCDC68	0.0148132	0.0301001	14.1923	14.1923	0.0250759	15.9832	15.9832	0.0903038	6.96706	6.96706	0.109269	6.14782	6.14782	0.017723	20.0702	20.0702	0.0551201	9.5972	9.5972	0.00197803	94.1785	94.1785	0.00678596	38.4204	38.4204	0.0143314	23.1071	23.1071	5.2022	89.112	15.2264	1
cg14522097	CCDC69	0.00185956	0.0557776	0.657579	-1.52073	0.0621298	0.666101	-1.50113	0.00121365	0.400041	-2.49975	0.25675	0.79536	-1.25729	0.00017888	0.239007	-3.41289	0.0168775	0.560021	-1.7535	0.00184386	0.425212	-2.35226	0.00150229	0.412754	-2.42269	0.0473187	0.644718	-1.55307	9.8483	5.83567	0.526717	1
cg08317263	CCDC69	0.00186587	0.0740684	0.594999	-1.68068	0.00092374	0.275446	-3.63048	0.00278077	0.34109	-2.93178	0.00573148	0.388815	-2.57192	0.447665	1.2088	1.2088	0.304544	0.757806	-1.3196	0.00059725	0.246705	-4.04353	0.00594972	0.380962	0.329196	0.769012	-1.30037	9.83861	10.6001	0.957684	1
cg07609613	CCDC69	0.0105306	0.0102566	0.626754	-1.59552	0.380806	1.1386	1.1386	0.35077	1.14875	1.14875	0.142723	0.796538	-1.25543	0.757877	1.04566	1.04566	0.000401446	0.454646	-2.19951	0.425785	1.1246	1.1246	0.15517	0.802797	-1.24564	0.532972	1.09547	1.09547	5.8135	1.91964	0.293514	1
cg14001165	CCDC69	0.0128287	0.207262	0.536347	-1.86446	0.00241134	0.13811	-7.24063	0.00862829	0.208308	-4.80058	0.21148	0.539765	-1.85266	0.0211918	0.273096	-3.66172	0.0241879	0.283951	-3.52174	0.00325473	0.152666	-6.55026	0.767846	0.87052	-1.14874	0.0405668	0.330288	-3.02766	5.45371	18.9529	3.08909	1
cg07144796	CCDC69	0.0242075	0.356614	0.656255	-1.16788	0.0272724	0.50416	-1.92562	0.0033728	0.541334	-1.84732	0.79134	0.959156	-1.04241	0.706496	1.06105	1.06105	0.953161	1.00924	1.00924	0.0615628	1.43271	1.43271	0.0176787	0.606563	-1.57143	0.94913	1.01004	1.01004	4.40624	1.71225	0.34542	1
cg18223117	CCDC69;CDC69	0.0263289	0.22562	0.801569	-1.2481	0.12284	0.712284	1.12284	0.1163321	1.14907	1.14907	0.444541	0.938506	-1.06552	0.0133229	0.66727	1.06727	0.0104801	1.29995	1.29995	0.252952	1.00123	1.00123	0.934936	1.00667	1.00667	0.00300844	1.3927	1.3927	4.27923	0.449366	0.0933431	1
cg11631011	CCDC70	1.18E-05	1.12E-05	0.118061	-8.47022	0.000151437	0.226095	-4.42292	0.000173693	0.232816	-4.29525	5.71E-05	0.181193	-5.51899	0.000516469	0.289704	-3.4518	0.300919	0.782617	-1.27776	1.09E-06	0.0547384	-18.2687	0.00469864	0.423512	-2.36121	2.40E-05	0.145738	-6.86162	38.8732	32.1951	0.736185	1
cg08127694	CCDC70	0.00693749	0.0033604	0.34078	-2.93444	0.0170808	0.27988	-3.57328	0.00704	0.392779	-2.54707	0.0877059	0.62222	-1.60652	0.0127979	0.34932	-2.86269	0.742485	1.09671	1.09671	0.538166	1.17272	1.17272	0.00315094	0.713805	-1.40148	0.0170438	0.623304	1.60435	6.61964	7.60539	2.01191	1
cg12318152	CCDC70	0.0251208	0.617616	1.10685	1.10685	0.0157329	0.550472	-1.81662	0.00433511	0.463482	-2.15758	0.977229	0.99426	-1.00577	0.801425	0.954504	-1.05214	0.142833	1.37392	1.37392	0.115952	1.41145	1.41145	0.112553	0.705793	-1.41685	0.0798884	0.67573	-1.47988	4.34993	2.80278	0.572735	1
cg12071073	CCDC70;CDC70	2.12E-06	1.00E-06	0.137505	-5.32407	0.0499244	0.742436	-1.34692	3.00E-05	0.345379	1.60537	1.32E-05	0.295525	-3.38381	0.0206239	0.695779	-1.43724	0.858314	0.976601	-1.02356	1.12E-07	0.108926	-9.18059	0.00142243	0.718402	0.73867	-1.35378	1.27E-06	0.199514	-5.06038	69.7006	18.7058	0.238554	1
cg20315407	CCDC71	0.00028584	0.151094	0.668683	-1.49548	0.000226494	0.201149	-4.97143	0.146059	0.664851	-1.5041	0.00526464	0.381947	-2.61816	7.14E-05	0.150535	-6.64297	0.00123202	0.290548	-3.44177	6.24E-05	0.145215	-6.88634	0.258685	0.73472	-1.36106	0.00163634	0.307305	-3.25411	16.6692	18.0639	0.963266	1
cg16171534	CCDC71	0.000529956	0.806083	0.944143	-1.05916	0.938005	0.981986	-1.01834	0.808803	0.949221	-1.05332	0.0312748	0.593077	-1.78607	0.000225335	0.238393	-4.19476	0.0114134	2.09575	2.09575	0.020145	1.51411	1.51411	0.164883	1.41374	1.41374	0.110815	1.50082	1.50082	14.06145	12.1624	0.768841	1
cg18595062	CCDC71	0.00013119	0.0076535	0.34992	-2.90765	0.229471	0.675251	-2.48093	0.548828	0.827302	-1.20802	0.438422	0.777459	-1.28624	0.0219226	0.424821	-2.35394	0.0688637	1.91262	1.91262	0.12346	2.02348	2.02348	0.0176585	0.810578	1.03704	0.629744	1.60724	1.60724	10.8026	16.7222	1.36486	1
cg25832303	CCDC71	0.00304877	0.00201001	0.385198	-2.59607	0.3961698	1.20947	1.20947	0.00918991	0.48485	-2.06625	0.199725	1.34517	1.34517	0.000477691	0.301189	-3.32017	0.106687	0.68009	-1.47039	0.0308481	0.574113	-1.74182	0.00697645	0.46588	-2.14648	0.0542584	0.619968	-1.61299	8.51725	6.4622	0.674416	1
cg19066391	CCDC71	0.00808441	0.86183	1.06435	1.06435	0.1907553	1.64211	-1.64211	0.7185802	0.839423	-1.13831	0.107372	0.613952	-1.63875	0.000795932	0.163926	-6.13264	0.0443285	2.28633	2.28633	0.00910018	3.25766	3.25766	0.424349	1.33922	1.33922	0.1819757	1.66058	1.66058	6.32322	12.8348	1.80426	1
cg01159380	CCDC71	0.0239074	0.678676	-1.36607	-1.36607	0.0144054	0.747989	-1.33692	0.637301	0.848811	-1.17812	0.0247855	0.515325	2.15753	0.00575108	0.286649	-3.48798	0.0924437	0.527725	-1.89403	0.00790186	0.309115	-3.23481	0.73857	1.12256	1.12256	0.218866	0.649435	-1.54	4.42531	8.34986	1.67719	1
cg09524508	CCDC71	0.0274304	0.0304494	0.299212	-3.34211	0.0336778	0.908265	-1.34397	0.323451	1.62221	1.62221	0.804799	0.88917	-1.12464	0.0103924	0.216348	-4.62219	0.038574	0.320867	-3.11655	0.00749416	0.195362	-5.11871	0.620214	0.789012	-1.26741	0.072043	0.385763	-2.59227	4.21818	15.0342	3.16814	1
cg16853660	CCDC71	4.34E-05	0.40619	0.940661	-1.06294	0.709888	1.17298	-1.03022	2.73E-06	0.446194	-2.24418	0.0123865	0.713148	-1.40223	0.0607949	1.16341	1.16341	0.024599	0.825557	-1.2113	8.52E-05	0.169364	-5.90734	0.0173861	0.509595	-1.09939	0.118851	1.12888	1.12888	4.27357	2.44434	0.0721893	1
cg14465237	CCDC73	0.00011884	0.011404	0.626708	-1.59564	0.0450934	1.40392	1.40392	0.0895	0.27691	-3.61128	0.0087727	0.610759	-1.63731	5.20E-05	0.327368	-3.05467	0.101875	0.767802	-1.30242	0.00886217	0.479797	-2.09215	0.00021133	0.401403	-2.49126	0.0186537	0.656548	-1.52358	12.2198	7.29006	0.306533	1
cg07737164	CCDC73	0.00062814	0.0254448	0.587219	-1.70263	0.0144946	0.734636	-1.36128	0.0018433	0.384839	-2.60015	0.0014025	0.593091	-1.68543	0.0027058	0.369405	-2.70715	0.153991	1.08214	1.08214	0.0226376	1.33099	1.33099	0.0044307	0.740441	-1.35038	0.0221234	0.743613	2.01242	5.07079	4.75199	0.312513	1
cg11851822	CCDC73	0.00084245	0.172202	-1.767119	-1.30358	0.234818	0.796767	-1.25507	0.405304	1.16806	1.16806	0.0145413	0.577422	-1.73183	1.21E-05	0.185406	-5.39357	0.109667	0.727318	-1.37492	0.188152	1.28973	1.28973	0.157035	0.75872	-1.31801	0.0238754	0.611503	-1.63531	12.3509	8.51126	0.468612	1
cg03734104	CCDC73	0.0109868	0.07788531	0.253185	-3.94968	0.250545	0.605566	-1.65135	0.0064167	0.239547	-4.17455	0.0150672	0.300007	-3.33026	0.0222682	0.178746	-5.59454	0.0848484	0.261065	-3.83046	0.0609034	0.426827	-2.34287	0.0237696	0.337037	-2.96703	0.0519346	0.410136	-2.43821	5.37447	14.752	2.28657	1
cg10111831	CCDC73	0.0124781	0.194354	0.44908	-2.22672	0.529177	0.649399	-1.54033	0.1238959	0.708357	-1.41153	0.0183603	0.838507	-1.19193	0.0222852	0.481447	-2.07813	0.103404	0.353931	-2.82541	0.00762156	0.165041	-6.05964	0.0155829	0.577354	-1.73197	0.0500191	0.825861	1.213751	-0.47834	0.50818	0.22445	4.78826	1
cg19604706	CCDC73	0.03067	0.5009991	0.754164	-1.32597	0.0181807	0.2694	3.2694	0.371102	0.685434	-1.45893	0.674189	0.83974	-1.19084	0.0223283	0.322719	-3.09867	0.260781	0.616072	-1.62319	0.0236871	0.32771	-3.05148	0.0127903	0.278743	-3.58753	0.483957	0.745398	-1.34156	4.05486	10.9582	2.40221	1
cg11162942	CCDC73	0.04011153	0.00479576	0.256604	-3.92169	0.0194488	1.07057	1.07057	0.1203574	0.445893	-2.24224	0.0146882	0.785352	-1.27326	0.0013443	0.191017	-5.23404	0.0739106	0.565369	-1.76911	0.0014961	0.370143	-2.70134	0.0010768	0.262736	0.175377	-5.70172	-0.18863	1.67023	0.323483	0.0287152	1
cg14653576	CCDC73	0.0436048	0.771237	0.879925	-1.13646	0.3770558	1.48584	1.4884	0.166659	0.523622	-1.90978	0.536988	0.760112	-1.3156	0.185526	0.540117	-1.85145	0.66095	0.823946	-1.21367	0.00121502	0.125198	-7.98733	0.0634072	0.400359	-2.49153	0.155236	0.513076	-1.94903	3.56725	10.8763	2.71017	1
cg04095635	CCDC74A	0.00083046	0.00033648	0.4869	-2.05381	0.0455973	0.751687	-1.33034	0.00296438	0.601791	-1.66171	0.879882	1.01901	1.01901	0.00183679	1.73498	1.73498	0.0033031	0.607055	-1.64596	0.901303	0.98467	-1.01557	0.237165	1.16674	1.16674	0.00603772	0.639789	-1.56301	12.4009	3.04524	0.218281	1
cg22352717	CCDC74A	0.0108401	0.1760273	0.5133	-1.94831	0.0889191	1.12836	1.12836	0.1806	0.5753	-1.73853	0.0475399	0.847599	-1.17981	0.112111	0.30751	-3.25113	0.5857123	0.919457	-1.08997	0.00350852	0.405092	-2.47714	0.382384	1.19107	1.19107	0.213123	1.22781	1.22781	3.89936	2.27372	0.344934	1
cg06770605	CCDC74A	0.0249874	0.0405893	0.609085	-1.44721	0.0258561	0.661267	-1.51225	0.161826	0.791239	-1.26184	0.0827409	0.876281	-1.14119	0.0599396	0.717639	-1.39346	0.805699	1.03928	1.03928	0.0454269	1.80641	1.80641	0.385982	0.84095	-1.18913	0.564148	0.912891	-1.09542	4.358	1.68668	0.344028	1
cg16248400	CCDC74B	0.00127183	0.0035907	0.3911	-2.55665	0.0116041	0.327702	-3.05186	0.0015355	0.353809	-2.82855	0.0007053	0.536305	-1.86384	0.0027053	0.370232	-2.70114	0.550804	0.884184	-1.12999	0.0150323	0.364446	0.506366	1.48184	1.48184	0.0015771	0.604962	0.815771	1.864847	0.188477	0.0425153	0.0417093	1
cg09255493	CCDC74B	0.0029004	0.79174	1.03642	1.03642	0.010026	0.644435	-1.55175	0.000607672	0.489571	-2.0426	0.0380992	0.722565	-1.38396	0.914981	1.01454	1.01454	0.0372113	1.3867	1.3867	0.00298007	1.73463	1.73463	0.875415	0.970015	-1.02144	0.730419	0.95432	-1.04787	8.6443	0.501457	0.257235	1
cg07653370	CCDC74B	0.0206244	0.932161	1.0087	1.0087	0.755616	0.968131	-1.03292	0.30047	0.894669	-1.11773	0.0580625	1.24685	1.24685	0.566724	0.941658	-1.06191	0.0567293	1.25071	1.25071	0.250702	0.785097	-1.27351	0.00023133	0.401403	-2.49126	0.0186537	0.616482	-1.63242	4.6556	0.793455	0.151493	1
cg25685234	CCDC74B	0.0144279	0.0959164	0.729318	-1.37114	0.0224428	0.725656	-1.37856	0.0770806	0.678703	-1.47381	0.0118342	0.61009	-1.63939	0.0159896	0.384026	-2.60425	0.0129742	0.563839	-1.77387	0.00404367	0.490741	-2.01041	0.00893363	0.507056	-1.97234	0.0221344	0.743613	2.01242	5.07079	4.75199	0.312513	1
cg16538768	CCDC74B	0.0298935	0.00375164	0.18771	-5.32737	0.0852892	0.443368	-2.25546	0.259808	0.64098	-1.65295	0.932975	0.964676	-1.03662	0.0111215	0.256446	-3.89946	0.206187	0.565476	-1.76842	0.0109972	0.255647	-3.91165	0.0964567	0.45827	-2.18212	0.0459085	0.375972	-2.65977	0.092	11.8463	2.57332	1
cg13528015	CCDC75;HEATR5B	0.0706-05	0.2520515	0.704929	-1.41981	0.0181459	0.700401	-1.43811	0.0155912	0.3683	2.7168	0.0155912	0.3683	2.7168	0.0155912	0.3683	2.7168	0.0848444	0.261065	-3.83046	0.0609034	0.426827	-2.34287	0.0237696	0.337037	-2.96703	0.0519346	0.410136	-2.43821	0.0088933	0.239252	-4.17969	0.64276	0.171	1
cg19331106	CCDC75;HEATR5B	0.00892283	0.312139	1.12565	1.12565	0.373086	0.90167	-1.10905	0.01765	1.38645	1.38645	0.00373245	0.559435	-1.78752	0.207665	1.16229	1.16229	0.576594	1.06594	1.06594	0.182941	0.852171	-1.17347	0.0500951	0.786571	-1.27134	0.204141	1.16372	1.16372	5.1297	1.24384	0.180391	1
cg02576345	CCDC75;HEATR5B	0.0196747	0.819986	0.974265	-1.02641	0.697484	0.956302	-1.04569	0.496398	0.924047	-1.0822	0.687477	1.04734	1.04734	0.692235	1.04656	1.04656	0.9335582	1.00958	1.00958	0.00047175	0.533485	-1.87447	0.376288	1.10944	1.10944	0.0610758	1.27307	1.27307	4.73083	0.980285	0.184189	1
cg03146660	CCDC75;HEATR5B	0.0182864	0.0182464	0.3139	-3.18552	0.0155	0.3235	-3.09115	0.0048311	0.355182	2.8683	0.0048311	0.355182	2.8683	0.0048311	0.355182	2.8683	0.0726195	0.863914	-1.15721	0.0756306	0.370143	-2.70134	0.0010768	0.262736	0.175377	-5.70172	-0.18863	1.67023	0.323483	0.0287152	1
cg14653576	CCDC75	0.0436048	0.771237	0.879925	-1.13646	0.3770558	1.48584	1.4884	0.166659	0.523622	-1.90978	0.536988	0.760112	-1.3156	0.185526	0.540117	-1.85145	0.66095	0.823946	-1.21367	0.00121502	0.125198	-7.98733	0.0634072	0.400359	-2.49153	0.155236	0.513076	-1.94903	3.56725	10.8763	2.71017	1
cg04095635	CCDC74A	0.00083046	0.00033648	0.4869	-2.05381	0.0455973	0.751687	-1.33034	0.00296438	0.601791	-1.66171	0.879882	1.01901	1.01901	0.00183679	1.73498	1.73498	0.0033031	0.607055	-1.64596	0.901303	0.98467	-1.01557	0.237165	1.16674	1.16674	0.00603772	0.639789	-1.56301	12.4009	3.04524	0.218281	1
cg22352717	CCDC74A	0.0108401	0.1760273	0.5133	-1.94831	0.0889191	1.12836	1.12836	0.1806	0.5753	-1.73853	0.0475399	0.847599	-1.17981	0.112111	0.30751	-3.25113	0.5857123	0.919457	-1.08997	0.00350852	0.405092	-2.47714	0.382384	1.19107	1.19107	0.213123	1.22781	1.22781	3.89936	2.27372	0.344934	1
cg06770605	CCDC74A	0.0249874	0.0405893	0.609085	-1.44721	0.0258561	0.661267	-1.51225	0.161826	0.791239	-1.26184	0.0827409	0.876281	-1.14119	0.0599396	0.717639	-1.39346	0.805699	1.03928	1.03928	0.0454269	1.80641	1.80641	0.385982	0.84095	-1.18913	0.564148	0.912891	-1.09542	4.358	1.68668	0.344028	1
cg16248400	CCDC74B	0.00127183	0.0035907	0.3911	-2.55665	0.0116041	0.327702	-3.05186	0.0015355	0.353809	-2.82855	0.0007053	0.536305	-1.86384	0.0027053	0.370232	-2.70114	0.550804	0.884184	-1.12999	0.0150323	0.364446	0.506366	1.48184	1.48184	0.0015771	0.604962	0.815771	1.864847	0.188477	0.0425153	0.0417093	1
cg09255493	CCDC74B	0.0029004	0.79174	1.03642	1.03642	0.010026	0.644435	-1.55175	0.000607672	0.489571	-2.0426	0.0380992	0.722565	-1.38396	0.914981	1.01454	1.01454	0.0372113	1.3867	1.3867	0.00298007	1.73463	1.73463	0.875415	0.970015	-1.02144	0.730419	0.95432	-1.04787	8.6443	0.501457	0.257235	1
cg07653370	CCDC74B	0.0206244	0.932161	1.0087	1.0087	0.755616	0.968131	-1.03292	0.30047	0.894669	-1.11773	0.0580625	1.24685	1.24685	0.566724	0.941658	-1.06191	0.0567293	1.25071	1.25071	0.250702	0.785097	-1.27351	0.00023133	0.401403	-2.49126	0.0186537	0.616482	-1.63242	4.6556	0.793455	0.151493	1
cg25685234	CCDC74B	0.0144279	0.0959164	0.729318	-1.37114	0.0224428	0.725656	-1.37856	0.0770806	0.678703	-1.47381	0.0118342	0.61009	-1.63939	0.0159896	0.384026	-2.60425	0.0129742	0.563839	-1.77387	0.00404367	0.490741	-2.01041	0.00893363	0.507056	-1.97234	0.0221344	0.743613	2.01242	5.07079	4.75199	0.312513	1
cg16538768	CCDC74B	0.0298935	0.00375164	0.18771	-5.32737	0.0852892	0.443368	-2.25546	0.259808	0.64098	-1.65295	0.932975	0.964676	-1.03662	0.0111215	0.256446	-3.89946	0.206187	0.565476	-1.76842	0.0109972	0.255647	-3.91165	0.0964567	0.45827	-2.18212	0.0459085	0.375972	-2.65977	0.092	11.8463	2.57332	1
cg13528015	CCDC75;HEATR5B	0.0706-05	0.2520515	0.704929	-1.41981	0.0181459	0.700401	-1.43811	0.0155912	0.3683	2.7168	0.0155912	0.3683	2.7168	0.0155912	0.3683	2.7168	0.0848444	0.261065	-3.83046	0.0609034	0.426827	-2.34287	0.0237696	0.337037	-2.96703	0.0519346	0.410136	-2.43821	0.0088933	0.239252	-4.17969	0.64276	0.171	1
cg19331106	CCDC75;HEATR5B	0.00892283	0.312139	1.12565	1.12565	0.373086	0.90167	-1.10905	0.01765	1.38645	1.38645	0.00373245	0.559435	-1.78752	0.207665	1.16229	1.16229	0.576594	1.06594	1.06594	0.182941	0.852171	-1.17347	0.0500951	0.786571	-1.27134	0.204141	1.16372	1.16372	5.1297	1.24384	0.180391	1
cg02576345	CCDC75;HEATR5B	0.0196747	0.819986	0.974265	-1.02641	0.697484	0.956302	-1.04569	0.496398	0.924047	-1.0822	0.687477	1.04734	1.04734	0.692235	1.04656	1.04656	0.9335582	1.00958	1.00958	0.00047175	0.533485	-1.87447	0.376288	1.10944	1.10944	0.0610758	1.27307	1.27307	4.73083	0.980285	0.184189	1
cg03146660	CCDC75;HEATR5B	0.0182864	0.0182464	0.3139	-3.18552	0.0155	0.3235	-3.09115	0.0048311	0.355182	2.8683	0.0048311	0.355182	2.8683	0.0048311	0.355182	2.8683	0.0726195	0.863914	-1.15721	0.0756306	0.370143	-2.70134	0.0010768	0.262736	0.175377	-5.70172	-0.18863	1.67023	0.323483	0.0287152	1
cg01655535	CCDC76;SASS6	0.00382023	0.589408	0.892582	-1.12045	0.0034329	0.9235	1.9235	0.0646378	0.54167	-1.54167	0.0151747	0.536818	-1.86283	0.302155	0.800165	-1.24974	0.493527	0.865003	-1.15607	0.250207	0.778131	-1.2848	0.684768	0.9184	-1.08885	0.264797	1.27429	1.27429	0.796195	5.84849	0.612356	1
cg07568865	CCDC76;SASS6	0.0058358	0.306884	0.8039	-1.24409	0.0386633	0.837	-1.19479	0.2139	0.7227	-1.38351	0.0188003	0.732098	-1.36597	0.0215466	0.4161	-2.40312	0.179903	0.8203	-1.21899	0.0435431	0.347168	-2.88045	0.75644	1.06007	1.06007	0.0225544	0.701768	1.42477	0.0	0.0	0.0	0.0	1
cg21507854	CCDC77	0.00063165	0.369275	1.17278	1.17278	0.00055463	0.396054	-2.52491	0.0119395	0.581468	-1.71979	0.1201185	1.33825	1.33825	0.0877645	1.38502	1.38502	0.0507105	0.680587	-1.46932	3.79E-05	0.254957	-3.92223	0.728019	0.941441	-1.0622	0.1175	0.745386	-1.34159	13.3696	6.32577	0.420573	1
cg16200200	CCDC77	0.00344185	0.121986	0.97515	-1.02569	0.0144488	1.07057	1.07057	0.1203574	0.445893	-2.24224	0.0146882	0.785352	-1.27326	0.0013443	0.191017	-5.23404	0.0739106	0.565369	-1.76911	0.0014961	0.370143	-2.70134	0.0010768	0.262736	0.175377	-5.70172	-0.18863	1.67023	0.323483	0.0287152	1
cg16538194	CCDC77;CCDC77;CDC77	0.00025429	0.0030123	0.844855	-1.22725	0.00010178	0.705865	1.4557	0.0206286	1.15149	1.15149	0.936945	1.00401	1.00401	0.00444173	1.21179	1.21179	0.0140677	1.26362	1.26362	0.0127624	1.35908	1.35908	0.251059	1.16947	1.00484	0.991201	1.00484	1.00484	0.98291	0.7291	0.097825	0.0360426	1
cg07567612	CCDC77;CCDC77;CDC77	0.00298119	0.0296759	0.766915	-1.30393	0.0104058	1.39724	1.39724	0.71967	0.963323	-1.03807	0.663571	0.955636	-1.04642	0.588656	0.944964	-1.05824	0.000144496	0.507278	-1.9713	0.126906	1.1867	1.1867	0.237541	1.13688	1.13688	0.141319	0.848738	-1.17822	8.57415	1.45977	0.151336	1
cg04951819	CCDC77;CCDC77;CDC77	0.00334268	0.1158761	0.760273	-1.31531	0.0889191	1.12836	1.12836	0.1806	0.5753	-1.73853	0.0475399	0.847599	-1.17981	0.112111	0.30751	-3.25113	0.5857123	0.919457	-1.08997	0.00350852	0.405092	-2.47714	0.382384	1.19107	1.19107	0.213123	1.22781	1.22781	3.89936	2.27372	0.344934	1
cg10102418	CCDC77;CCDC77;CDC77	0.00483696	0.00706263	0.28243	1.28243	0.439552	1.05794	-1.05794	0.266113	0.920543	-1.08631	0.907258	0.801431	-1.24799	0.0115769	0.422616	-4.22116	0.190645	0.90573	-1.10408	0.0444546	0.76257	-1.31135	0.708852	0.973556	-1.02716	0.2208	0.912134	1.09633	7.41317	0.599355	0.0718667	1
cg06696317	CCDC77;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg22953865	CCDC85C	0.0133587	0.00881034
cg18397314	CCDC85C	0.0158648	0.115896
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cg02957340	CCDC85C	0.0171058	0.0394584
cg08219991	CCDC85C	0.0318039	0.0851176
cg05406635	CCDC85C	0.0324048	0.0238226
cg06945697	CCDC85C	0.033648	0.0830899
cg11773456	CCDC85C	0.0350621	0.0117239
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cg18885766	CCDC85C	0.0409761	0.311327
cg23537867	CCDC85C	0.0426414	0.138279
cg24673101	CCDC85C	0.0459955	0.0562715
cg26143820	CCDC85C	0.0477303	0.818268
cg27621997	CCDC86	0.000959352	0.0013818
cg19750116	CCDC86	0.00180902	0.00356544
cg23904249	CCDC86	0.0027104	0.0066583
cg10844818	CCDC86	0.0108539	0.0125116
cg10583992	CCDC86	0.014651	0.266027
cg25849332	CCDC86	0.0155814	0.0618632
cg05699373	CCDC86	0.0164338	0.0127112
cg24411301	CCDC86	0.0299455	0.0545148
cg13537283	CCDC86;CCDC86	0.00154294	0.00436224
cg16313230	CCDC87	0.0195962	0.720075
cg26736400	CCDC87;CCDC87;CCS	0.011929	0.333583
cg10141457	CCDC87;CCDC87;CCS	0.0226943	0.0723382
cg06456738	CCDC87;CCS	0.00021475	0.0428667
cg24968786	CCDC87;CCS	0.00319327	0.605824
cg11644586	CCDC87;CCS	0.0081679	0.131161
ch.2.1294774R	CCDC88A;CCDC88A	0.0158328	0.0566987
cg03128421	CCDC88A;CCDC88A	0.0237034	0.89198
cg23276602	CCDC88A;CCDC88A	0.0391088	0.0872769
cg18085627	CCDC88B	0.00147627	0.334384
cg08904394	CCDC88B	0.00669412	0.000604579
cg00022866	CCDC88B	0.020897	0.0380212
cg16550438	CCDC88B	0.0245542	0.859376
cg06202053	CCDC88B	0.0383654	0.795566
cg01577604	CCDC88B	0.0392904	0.640214
cg23615483	CCDC88C	3.22E-06	0.367176
cg07015014	CCDC88C	1.17E-05	3.30E-05
cg07455318	CCDC88C	2.48E-05	0.000554082
cg01055824	CCDC88C	3.29E-05	0.000926093
cg14415844	CCDC88C	3.67E-05	0.000875603
cg11070881	CCDC88C	0.000619393	0.0710905
cg00867694	CCDC88C	0.000716095	0.0014226
cg20303561	CCDC88C	0.00232918	0.00037161
cg15944026	CCDC88C	0.00275303	0.526783
cg18729681	CCDC88C	0.00466061	0.0113965
cg23701703	CCDC88C	0.00554209	0.0657595
cg02149083	CCDC88C	0.00666518	0.694326
cg25050246	CCDC88C	0.00724504	0.230169
cg18607961	CCDC88C	0.00839179	0.121802
cg01021847	CCDC88C	0.00961937	0.0631856
cg24754633	CCDC88C	0.00976959	0.0549525
cg20272146	CCDC88C	0.0100976	0.0597412
cg09262217	CCDC88C	0.0101957	0.0318387
cg04134173	CCDC88C	0.0108887	0.447321
cg19465605	CCDC88C	0.0118426	0.0559977
cg03946034	CCDC88C	0.0125811	0.695496
cg18560571	CCDC88C	0.0131444	0.394193
cg16438210	CCDC88C	0.0155162	0.285839
cg23119433	CCDC88C	0.0157148	0.0106617
cg10946510	CCDC88C	0.0164015	0.234372
cg05040501	CCDC88C	0.0171363	0.00334758
cg05189253	CCDC88C	0.0236438	0.355901
cg21140981	CCDC88C	0.0244956	0.277566
cg26259944	CCDC88C	0.0258439	0.929832
cg23304605	CCDC88C	0.0323665	0.195223
cg26435617	CCDC88C	0.0379707	0.0131545
cg05238553	CCDC88C	0.0432079	0.0292618
cg10755375	CCDC88C;CCDC88C	0.0295146	0.673422
cg04465731	CCDC89	0.0353701	0.27107
cg26232899	CCDC8;CCDC8	0.000342076	0.00109262
cg25987744	CCDC8;CCDC8	0.00955218	0.0341328
cg06747432	CCDC8;CCDC8	0.0166897	0.0330676
cg15984661	CCDC8;CCDC8	0.0180407	0.0503045
cg02776177	CCDC9	0.000136752	0.876742
cg25279240	CCDC9	0.000345194	0.603516
cg05001520	CCDC9	0.00375969	0.543829
cg18306226	CCDC9	0.0125231	0.278332
cg26256837	CCDC9	0.0398112	0.0464629
cg04558386	CCDC90A	2.84E-05	2.69E-05
cg01945841	CCDC90A	0.0105522	0.0157031
cg00214855	CCDC90A	0.0116064	0.0111238
cg19333374	CCDC90B	5.56E-05	5.79E-07
cg19321615	CCDC90B	0.0102772	0.208382
cg11933951	CCDC90B	0.0124496	0.0745018
cg07748159	CCDC90B	0.019957	0.00661602
cg03000419	CCDC90B	0.0309031	0.0341653
cg20332930	CCDC90B;CCDC90B	0.000440208	0.0090513
cg01923103	CCDC90B;CCDC90B	0.0174727	0.19357
cg17489451	CCDC91	6.35E-05	0.651107
cg23900605	CCDC91	0.000724922	0.0737731
cg11336643	CCDC92	7.36E-06	0.000758594
cg18641423	CCDC92	0.000987033	0.000560207
cg02647265	CCDC92	0.0041006	0.178858
cg09006898	CCDC92	0.00636982	0.0116635
cg15889976	CCDC92	0.00832946	0.0298261
cg02658319	CCDC92	0.0124853	0.0412532
cg13487667	CCDC92	0.0183548	0.00997796
cg15258936	CCDC92	0.0344181	0.118214
cg00767953	CCDC92	0.0366717	0.366263
cg02910553	CCDC92;ZNF664	0.00414757	0.110324
cg26493932	CCDC92;ZNF664	0.0167457	0.199121
ch.2.2460911F	CCDC93	0.00680742	0.00714164
cg13355233	CCDC93	0.00973643	0.680422
cg17749356	CCDC93	0.0110986	0.609272
cg16326819	CCDC93	0.0118888	0.791403
cg26111019	CCDC93	0.0210879	?
cg20017769	CCDC93;CCDC93	0.00672437	0.0583453
cg01996091	CCDC94	0.00797776	0.00180537
cg11858276	CCDC94	0.026878	0.0427369
cg17850984	CCDC94	0.0302787	0.772089
cg00745745	CCDC94;CCDC94	0.0123087	0.0251354
cg01365452	CCDC96	0.00759732	0.531912
cg09424308	CCDC96;TADA2B	0.00050482	0.0813357
cg19296509	CCDC96;TADA2B	0.00118747	0.222576
cg11640063	CCDC96;TADA2B	0.00335161	0.291591
cg03782453	CCDC96;TADA2B	0.0186812	0.00295257
cg10713951	CCDC96;TADA2B	0.0452715	0.0237923
cg27530093	CCDC97	0.00160262	0.00222803
cg08398371	CCDC97	0.00403488	0.201145
cg26383537	CCDC97	0.00744008	0.00630889
cg03313447	CCDC97	0.0207025	0.0574246
cg24369048	CCDC97	0.021107	0.631332
cg01294023	CCDC97;CCDC97	0.00574387	0.00371467
cg26706759	CCDC99	0.00131908	0.69322
cg16190470	CCDC99	0.00301191	0.459309
cg25920839	CCDC99	0.00421793	0.000160111
cg23325948	CCDC99	0.0172581	0.143705
cg22898334	CCDC99	0.0390311	0.886964
cg13043177	CCDC99;CCDC99	0.00101808	0.03541
cg11437374	CCDC99;CCDC99	0.0391596	0.0212726
cg13942884	CCDC9;CCDC9	0.00360365	0.0794399
cg23837253	CCDC9;CCDC9	0.0484132	0.0467872
cg01140214	CCHCR1;CCHCR1;CCHCR1	0.000383267	0.000916803
cg16519772	CCHCR1;CCHCR1;CCHCR1	0.000626623	0.18744
cg03130962	CCHCR1;CCHCR1;CCHCR1	0.00396348	0.823054
cg05522349	CCHCR1;CCHCR1;CCHCR1	0.00585107	0.179204
cg01086672	CCHCR1;CCHCR1;CCHCR1	0.00598901	0.030178
cg03780997	CCHCR1;CCHCR1;CCHCR1	0.00935927	0.0225827
cg01287833	CCHCR1;CCHCR1;CCHCR1	0.0106644	0.74283
cg02247838	CCHCR1;CCHCR1;CCHCR1	0.0144857	0.0157751

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22681114	CCHCR1;CCHCR1;CCHCR1	0.0278017	0.837902	1.02027	0.122107	1.00262567	0.693988	-1.44095	0.0050841	0.694448	-1.43999	0.128973	0.18179	0.178679	1.15657	1.15657	0.51708	1.09316	0.1006	0.466387	1.07838	1.082244	0.89247	-1.12049	0.767103	0.970215	-1.0107	4.19806	0.6891612	0.145022	1
cg27191651	CCHCR1;CCHCR1;CCHCR1	0.0342368	0.527863	0.896151	-1.11588	0.00274669	0.492388	-2.03092	0.746207	1.05725	1.05725	0.778963	1.04942	1.04942	0.397948	0.862111	-1.15994	0.33934	1.18392	1.18392	0.8811315	1.39306	1.39306	0.796421	1.04532	1.04532	0.0213638	0.622424	-1.60662	3.89807	1.81438	0.413739	1
cg07613268	CCHCR1;CCHCR1;CCHCR1	0.0374988	0.91087	0.956441	-1.04554	0.5794446	0.8004	-1.24937	0.319699	0.664332	-1.50527	0.632467	1.21123	1.21123	0.00365896	0.209479	-4.77374	0.00862259	0.263919	-3.78904	0.343126	0.678118	-1.47467	0.695255	0.855064	-1.1695	0.0175587	0.316843	-3.15614	3.77139	9.44832	2.2269	1
cg04888211	CCHCR1;CCHCR1;CCHCR1	0.044825	0.0406735	0.251053	-3.98365	0.4654645	0.127144	-1.54214	0.0306995	0.226587	-4.41332	0.103539	0.353002	-2.83284	0.0416626	0.253227	-3.94902	0.307598	1.48165	1.48165	0.00404646	0.104592	-9.56092	0.613	0.742057	-1.34758	0.1331045	0.385366	-2.59493	3.53367	19.1278	4.81565	1
cg03003216	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.000115631	1.29E-05	0.0474482	-21.0756	?	?	0.25174	1.16952	1	1.16952	?	?	?	0.00940285	1.73035	1.73035	0.0109328	0.591575	-1.6904	0.0031177	3.87438	3.87438	0.0802316	0.761363	-1.31343	0.0223946	1.52704	1.52704	0.108726	24.6119	0.0949779	1
cg11805472	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.000188764	7.20E-06	0.0552181	-18.11	0.391895	0.773793	-1.29234	0.283884	1.38471	1.38471	0.16024	0.644928	-1.55056	0.215915	0.683347	-1.46339	0.0735294	0.558047	-1.79196	0.000446374	0.197986	-5.05085	0.000138087	0.145678	-6.86444	0.0205127	0.44126	-2.26162	18.6613	25.2621	1.20331	1
cg15724113	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.000691604	0.719026	1.03735	1.03735	0.106536	1.19586	1.19586	0.581641	1.05811	1.05811	0.0190083	1.33403	1.33403	0.431662	0.921773	-1.08487	0.48039	1.07552	1.07552	1.17E-05	0.389834	-2.56519	0.246055	0.884149	-1.13103	0.334001	0.903812	-1.10643	13.055	2.12997	0.145025	1
cg20431480	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.00320601	0.782709	1.10352	1.10352	0.122865	0.551219	-1.81416	0.0451982	2.26757	2.26757	0.0026935	0.228203	-4.38206	?	?	?	0.000711837	0.159307	-6.2772	0.120908	0.54921	-1.8208	0.028633	2.50919	2.50919	0.897324	0.955042	-1.04707	8.57694	15.3294	1.78728	1
cg14689527	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.00911166	0.00569195	0.0730319	-13.6927	0.156977	2.73959	2.73959	0.358634	1.85786	1.85786	0.0255363	0.158834	-6.29589	0.00166706	0.0345947	-28.9061	0.78907	1.19046	1.19046	?	?	?	?	0.980001	0.983847	-1.01642	8.56631	42.4143	4.24396	1
cg24075966	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.0152654	0.00380426	0.3563	-2.80662	0.0181356	2.12541	2.13541	0.337269	1.29897	1.29897	0.229674	0.508255	-1.96752	0.532769	0.763762	-1.30931	0.540238	0.848792	-1.17814	0.0323232	0.515476	-1.93995	0.0448156	0.543932	-1.83847	0.53643	0.84745	-1.18001	5.10272	5.70293	0.984187	1
cg24859800	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.0156965	0.352041	1.19077	1.19077	0.242429	1.24986	1.24986	0.06695623	1.44781	1.44781	0.0703743	1.4459	1.4459	0.215126	1.26856	1.26856	0.794124	0.95344	-1.04883	0.000816562	0.398567	-2.50899	0.5069601	0.884477	-1.13061	0.461672	0.872306	-1.14639	5.10337	2.68641	0.467911	1
cg13902446	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.0205656	0.0125866	0.240776	-4.15323	0.584366	1.28852	1.28852	0.154343	2.0131	2.0131	0.0599896	0.377671	-2.64781	?	?	?	0.17779	1.92931	1.92931	0.00732386	0.48705	4.88705	0.600941	0.784915	-1.27402	0.259657	1.71532	1.71532	4.74436	14.0651	2.96459	1
cg18795955	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.0281777	0.0380497	0.777882	-1.28554	0.836552	1.01541	1.01541	0.573126	1.06127	1.06127	0.0253214	0.757504	-1.32013	0.481035	1.07768	1.07768	0.648892	0.953248	-1.04904	0.00117115	0.607983	-1.64478	0.41153	0.916028	-1.09167	0.548342	0.938528	-1.0655	4.17846	0.722025	0.153597	1
cg20599535	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1 ;CCHCR1	0.0305346	0.00190909	0.490361	-2.03931	0.607069	0.919359	-1.08771	0.626497	0.923584	-1.08274	0.856585	0.971104	-1.02976	0.932149	0.986292	-1.0139	0.229719	0.815242	-1.22663	0.777819	0.955184	-1.04692	0.27101	1.20412	1.20412	0.016462	1.6081	1.6081	4.06125	1.68984	0.369857	1
cg26738916	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.001911	0.284725	1.30287	1.30287	0.171364	1.41444	1.41444	0.827401	0.949339	-1.05336	0.820326	0.947276	-1.05566	0.0819044	0.631923	-1.58247	2.84E-05	0.141032	-7.09057	0.4412	0.829473	-1.20558	0.204204	1.37578	1.37578	0.303244	0.775776	-1.28903	9.70751	8.77202	0.79805	1
cg12044213	CCHCR1;TCF19;CCHCR1;TCF19;CCHCR1	0.0418619	0.0300227	0.188364	-5.30886	0.0146856	0.140204	-7.13245	0.059873	0.249049	-4.00947	0.20021	0.412697	-2.42308	0.00900885	0.113968	-8.77439	0.345651	0.5298	-1.88751	0.0232199	0.169543	-5.8982	0.167636	0.382144	-2.61682	0.0295002	0.187018	-5.34706	3.62174	24.5387	6.02256	1
cg20870362	CCIN	0.000590255	0.310946	1.15786	1.15786	0.30593	1.15976	1.15976	0.722784	0.951419	-1.05106	0.0001072	0.384686	-2.59952	0.120471	0.790191	-1.26552	0.00245022	0.428758	-2.33232	0.00402457	0.582608	-1.71642	0.041592	1.09033	1.09033	0.00092131	0.500503	-1.99799	13.646	4.22491	0.275206	1
cg03724463	CCKR	0.004009473	0.260891	1.24908	1.24908	0.4161217	1.56132	1.56132	0.814674	1.04554	1.04554	0.974607	0.993981	-1.00606	0.714075	0.932584	-1.07229	2.01E-05	5.13476	5.13476	0.955096	0.989376	-1.01074	0.000120191	3.57851	3.57851	0.00274816	2.18977	2.18977	15.1024	8.60489	0.506462	1
cg07871202	CCKR	0.003574228	0.1921576	1.32098	1.32098	0.2403506	1.430182	1.430182	-1.2247	0.1212581	1.174154	-1.2704	0.1760651	0.1884	0.00435889	0.418401	-2.43397	0.0364376	0.566711	-1.76457	0.144347	0.7529429	-1.32803	2.97E-05	6.753184	6.753184	0.418357	1.206051	13.7511	11.8791	0.767879	1
cg25516803	CCK	0.00102121	0.199302	1.36105	1.36105	0.000887861	0.32245	-3.10126	0.0304222	1.78292	1.78292	0.257104	0.764271	-1.30844	0.000623112	0.302128	-3.30985	0.0338832	0.569506	-1.75591	0.00250349	0.299293	-3.42123	0.306117	0.785966	-1.27232	0.139094	1.43601	1.43601	9.57061	0.727317	1
cg03778780	CCK	0.002157706	0.00758247	0.4999	1.99996	0.0001	0.445576	0.0001	0.597358	1.58508	1.58508	0.107902	0.168015	0.0001	0.000145	0.308645	-3.24157	0.0189179	0.4912	0.4912	0.0001	0.159611	-6.26263	0.000145	0.938311	-1.07433	0.64389	0.787116	-1.27048	2.07259	1.10759	0.534204	1
cg06631317	CCK	0.00220942	0.022932	3.06614	3.06614	0.000561985	0.04283	0.04283	0.0858191	2.18523	2.18523	0.00243461	0.58205	5.68205	0.417032	0.710694	1.40708	0.0665288	2.3331	2.3331	0.0018303	6.19078	6.19078	0.000836307	7.92991	7.92991	0.445168	1.37777	1.37777	9.36557	25.1476	2.38676	1
cg25493589	CCK	0.00435402	0.237111	0.683528	-1.463	0.864466	0.948872	-1.05388	0.00681565	2.69535	2.69535	0.20647	1.50581	1.50581	0.245343	1.45249	1.45249	0.00276196	0.53545	3.55492	0.00254124	0.276191	-3.62068	0.0123152	2.60517	2.60517	0.316657	1.37439	1.37439	7.65385	11.4991	1.3285	1
cg05785565	CCK	0.04568634	0.345864	1.27139	1.27139	0.0418	0.218407	1.21867	0.0178762	1.03257	1.03257	0.0160933	0.888153	1.03257	0.158743	1.03257	1.03257	0.4195217	0.87713	1.14008	0.0010001	0.894172	-1.01608	0.416405	1.21273	1.21273	0.0856536	1.35217	1.35217	5.54313	3.01331	0.305091	1
cg13427828	CCK	0.00778986	0.675623	1.1925	1.1925	0.0223126	0.31805	-3.14416	0.00235038	0.169158	-5.90465	0.130555	0.505072	-1.97992	0.0615404	0.414354	2.4134	0.0674048	0.424289	-2.35688	0.000464337	0.099904	-10.0096	0.07606221	0.437878	-2.28374	0.713318	0.856954	-1.16692	6.39746	17.7318	2.46372	1
cg05477843	CCK	0.0750009	0.3789164	1.63919	1.63919	0.875441	1.16613	1.16613	0.0003588	1.13007	1.13007	0.0006682	1.13029	1.13029	0.0002617	1.262907	1.262907	0.620833	1.10576	1.10576	0.0434582	1.95955	1.95955	0.0002357	1.74232	1.74232	0.0001437	1.98958	1.98958	0.564851	1.19555	0.179567	0.915736	1.32607	1
cg19612450	CCK	0.00824722	0.43028	0.706881	-1.41467	0.593607	0.276102	1.26122	0.574029	1.27728	1.27728	0.81356	1.10716	1.10716	0.102184	1.88804	1.88804	0.201645	0.767479	-1.30297	0.0001	0.761957	-1.31241	0.00774729	1.95671	1.95671	0.376163	1.19513	1.19513	4.39207	2.67963	0.542317	1
cg21327694	CCK	0.0400861	0.230084	1.34018	1.34018	0.163304	0.663904	1.37881	0.338138	0.852626	1.38393	0.0001	0.389333	1.38393	0.000125	0.368025	2.71818	0.2333338	1.34882	1.34882	0.0001	0.308204	-1.00614	0.00488377	2.23725	2.23725	0.113299	1.50027	1.50027	4.97382	3.90369	0.78004	1
cg12434856	CCKAR	0.00407105	0.266281	1.16558	1.16558	0.0018222	1.79698	1.79698	0.00071192	1.97771	1.97771	0.0520728	0.746534	-1.33952	0.137081	0.800907	-1.23595	0.6035354	1.07176	1.07176	0.0259133	1.41877	1.41877	0.232158	0.847257	-1.18028	0.339134	1.1392	1.1392	7.81091	2.16457	0.24633	1
cg15778433	CCKAR	0.0122924	0.10579	1.93184	1.93184	0.0003555396	1.62638	1.62638	0.00070784	1.54912	1.54912	0.0617254	0.836537	-1.19541	0.00208231	0.692445	-1.44416	0.774728	0.962472	1.08869	0.0022542	0.42669	-2.34404	0.0107703	1.28095	1.28095	0.0128942	1.29937	1.29937	4.68258	1.60015	0.220152	1
cg24074177	CCKAR	0.0452827	0.0588792	1.39266	-2.65699	0.0145	0.251703	-3.07294	0.027164	0.301903	-3.31233	0.733066	0.770427	-1.29798	0.0102503	0.278612	-3.58922	0.13917	0.482378	-2.07306	0.0104373	0.228376	-4.37874	0.0644045	0.389554	-2.56704	0.44512	0.70011	-1.42835	5.51726	4.88159	1.05327	1
cg06908899	CCKBR	0.000106784	0.697293	0.907989	-1.10133	0.0886122	1.59017	1.59017	0.0156262	0.480983	-2.07907	0.141094	0.67648	-1.47824	0.47817	1.1949	1.1949	0.00286956	0.3632	-2.7533	5.96E-06	0.0813514	-12.2924	3.15E-05	0.134916	-7.412	0.281849	0.758687	-1.31807	21.755	21.0089	0.858405	1
cg08101193	CCKBR	0.000118688	0.0977993	0.724884	-1.37957	0.2703016	1.4697	1.4697	0.0014555	0.661361	-1.51263	0.0172307	0.685955	-1.4575	0.2299	0.797701	-1.25364	1.85E-05	0.10907	-9.1708	0.0001	0.106908	-9.35	4.48E-05	0.0456575	0.446219	-2.24105	0.731661	-1.36703	-4.07291	0.00235812	0.467115	-2.14148	21.5474	10.7821	0.453204	1
cg04467334	CCKBR	0.00786975	0.27558	0.701063	-1.42641	0.164136	1.59177	1.59177	0.00117805	0.248309	-4.02725	0.182617	0.642194	-1.55716	0.732017	1.11835	1.11835	0.974902	1.0099	1.0099	0.00197797	0.254492	-3.92939	0.00488983	0.311021	-3.21521	0.18174	0.641554	-1.55872	6.37698	9.90229	1.38028	1
cg20109956	CCKBR	0.0190214	0.467395	0.79451	-1.25864	0.2634417	1.49353	1.49353	0.00219564	3.75614	3.75614	0.505382	1.23096	1.23096	0.897633	1.04086	1.04086	0.0018244	0.297309	-3.3634	0.0400759	0.102139	1.02139	0.516763	1.22689	1.22689	0.364809	1.31939	1.31939	4.78524	7.31963	1.36227	1
cg21957616	CCKBR	0.0218842	0.807688	0.961364	-1.04019	0.312214	1.18401	1.18401	0.0113203	1.66933	1.66933	0.558875	1.160214	1.16022	0.150022	1.597714	1.08085	1.08085	0.137013	1.29538	1.29538	0.00516791	0.55071	-1.81584	0.1162448	1.31758	1.31758	0.0286668	1.51748	1.51748	4.55506	1.88335	0.367523	1
cg27443416	CCKBR	0.0239191	0.0714222	0.606735	-1.64817	0.1746613	2.05047	2.05047	0.028681	1.05526	1.05526	0.790532	0.936066	-1.0683	0.091118	0.630124	-1.58699	0.0091463	0.439721	-2.27417	0.10088	0.640229	-1.56194	0.135194	0.67055	-1.49131	0.0270697	0.522311	-1.91457	4.42457	4.3161	0.867098	1
cg26700447	CCKBR	0.0498	0.1819321	0.576601	-1.73419	0.0373118	0.67849	0.67849	-1.47429	0.151599	0.550535	1.81642	0.0609329	0.467175	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	1
cg13346411	CCKBR	0.0496074	0.0132965	0.511579	-1.95473	0.4469383	0.844208	-1.18454	0.501181	1.16087	1.16087	0.5614	0.879583	-1.1369	0.778631	0.940281	-1.06351	0.00579315	0.45394	-2.20294	0.8319777	1.04575	1.04575	0.117878	0.690025	-1.44922	0.1630777	1.38445	1.38445	3.3983	2.56953	0.672109	1
cg06463646	CCKBR;CCKBR	0.000240866	0.0108853	0.762368	-1.31171	0.0003555396	1.62638	1.62638	0.00070784	1.54912	1.54912	0.0617254	0.836537	-1.19541	0.00208231	0.692445	-1.44416	0.0012479	0.47644	-2.09881	0.0001	0.416816	-2.39877	0.0107703	1.28095	1.28095	0.0128942	1.29937	1.29937	4.68258	1.60015	0.220152	1
cg26686277	CCKBR;CCKBR	0.00358003	0.00743299	0.64448	1.54448	0.254557	0.842277	-1.18726	0.737665	1.0497	1.0497	0.0886061	0.762593	-1.31132	0.0460809	0.719073	1.39068	0.112973	0.28262	-3.53917	0.0064333	0.233279	0.75125	0.0731201	1.33102	1.33102	0.0815879	1.32114	1.32114	5.81866	2.67673	0.293067	1
cg20556988	CCI	4.26E-05	0.525756	0.875928	-1.14165	0.2378026	0.77508	-1.29019	1.80E-05	0.164474	-6.07999	0.682361	0.918715	-1.08848	0.066221	0.654077	-1.52887	0.386706	0.832918	-1.2006	0.000328752	0.302625	-3.30441	2.54E-06	0.096026	-10.4138	0.00013454	0.255972	-3.90668	27.7676	18.6694	0.597639	1
cg22186223	CCI	0.000167976	0.4073267	0.799403	-1.25098	0.1771212	0.76258	-1.3115	0.0002695524	0.23132	-4.32259	0.0452228	0.457145	-2.18756	0.0003507	0.411462	-2.43013	0.0012479	0.24826	-4.02855	0.0001	0.176904	-5.65355	0.446219	-2.24105	0.731661	-1.36703	-4.07291	0.00235812	0.467115	-2.14148	21.5474	10.7821	0.453204	1
cg26101277	CCI	0.00029499	0.0194679	0.461311	-2.16774	0.00043082	0.21748	-4.59812	0.000643109	0.238185	-4.19842	0.0470292	0.536513	-1.86389	0.000133559	0.163066	-6.13249	0.0382727	0.518029	-1.93039	4.06E-05	0.117015	-8.54585	0.000590195	0.233657	-4.27978	0.0207374	0.466383	-2.14416	16.5261	19.6398	1.05636	1
cg00036721	CCI	0.00736985	0.0015008	0.438393	-2.28041	0.1615142	0.45424	-2.20158	0.0001	0.0001	-9.99533	0.0001	0.0001	-1.22548	0.012149777	0.500169	-1.99953	0.000773907	0.2800315	0.26326	-3.79945	0.534127	-1.87151	0.000289911	0.150076	-6.66139	0.0542891	0.57991	-1.72462	9.02455	6.04933	0.880811	1
cg17118262	CCI	0.0263316	0.115454	1.32119	-3.11342	0.95689	1.03653	1.03653	0.0154081	0.139026	-7.19289	0.029129	0.18152	-5.50905	0.03000558	0.183764	5.44175	0.0604088	2.24528	-4.07697	0.0139422	0.133244	-7.50503	0.00662285	0.0964123	-10.3721	0.0413522	0.209804	-4.76635	4.27908	29.8492	6.20055	1
cg01387036	CCI	0.0469625	0.152344	0.453989	-2.2027	0.157925	0.459497	-2.17629	0.0427855	0.300882	-3.32357	0.323733	0.591585	-1.69037	0.0692888	0.351084	-2.84832	0.160941	0.462428	-2.1625	0.00500782	0.147676	-6.77147	0.00692918	0.16336	-6.12144	0.223567	0.517558	-1.93215	1.46946	14.5774	3.73478	1
cg24870391	CCI	0.000122299	0.0299473	0.341707	-1.56749	0.0475651	1.19174	1.19174	0.00298685	0.745174	-1.3501	0.0288715	0.48385	-2.06976	0.000688879	0.348415	-2.8725	0.0374466	0.55744	-1.79428	1.59E-05	0.109539	-9.4944	0.00149089	0.275128	-3.63467	0.29321	0.26358	1.11751	1				
cg05999628	CCI11	0.000277748	0.0168065	0.375721	-2.66155	0.40153	1.33386	1.33386	0.00205098	0.232835	-4.29488	0.0111652	0.344018	-2.90682	0.000273158	0.135224	-7.39514	0.444198	0.769735	-1.29915	9.20E-05	0.09605229	-10.4109	6.56E-05	0.0856157	-11.6801	0.00198757	0.231045	-4.32816	16.8005	29.9522	1.58472	1
cg16764236	CCI11	0.00278014	0.0394409	0.524204	-1.90727	0.434059	0.664334	-1.51187	0.00140769	0.693468	-10.7013	0.0103428	0.202901	-4.92953	0.000764572	0.169334	-5.90463	0.0034983	0.2853	-7.9029	0.000268946	0.102969	-9.71582	0.00148776	0.0647277	-15.4455	0.00117903	0.196167	-5.0977	8.25338	37.1818	3.77573	1
cg03297192	CCI11	0.0201556	0.94436	0.956453	-1.04553	0.917143	0.935774	-1.06863	0.0276959	0.190087	-5.26075	0.606752	0.718067	-1.39263	0.0835309	0.297479	3.36158	0.0324893	2.02564	-4.9367	0.000669442	0.0361437	-27.6674	0.2769	0.486077	-2.05729	0.0468888	0.234291	-4.2682	4.69219	10.2393	5.72853	1
cg01155489	CCI11	0.0243724	0.117444	0.27502	-3.63609	0.00661878	0.0688336	-14.5278	0.0523713	0.187318	-5.33851	0.220945	0.376492	-2.6561	0.0183086	0.113754	-8.7909	0.2624244	0.411856	-2.42804	0.00593302	0.0650971	-15.3617	0.00838587	0.0775636	-12.8926	0.0764331	0.223952	-4.46525	4.39588	40.125	8.11366	1
cg08498440	CCI11	0.0291813	0.4078586	0.777203	-1.28673	0.1737212	0.752268	-1.32931	0.0002395524	0.23132	-4.32259	0.0452228	0.457145	-2.18756	0.0003507	0.411462	-2.43013	0.0012479	0.24826	-4.02855	0.0001	0.176904	-5.65355	0.446219	-2.24105	0.731661	-1.36703	-4.07291	0.00235812	0.467115	-2.14148	21.5474	10.7821	0.453204	1
cg27224069	CCI11;CCL11	6.23E-05	0.189993	0.607705	-1.65919	0.955779	0.976976	-1.02043	6.64E-05	0.0605505	-16.5152	0.0701227	0.28122	-3.55594	0.000137307	0.0984765	-10.1547	0.0188369	0.354213	-2.82316	0.0201911	0.359933	-2.7783	3.88E-06	0.0197705	-50.5804	0.00033163	0.0892732	-11.2016	25.1098	52.9137	1.67315	1
cg05281206	CCI13	1.38E-06	3.69E-06	0.240833	-4.15299	0.0039074	0.478121	-2.09152	1.71E-06	0.0001	-583.9	0.0001	0.0001	-2.62458	0.000111621	0.403316	-2.47966	0.0001	0.18549	-5.39122	1.10E-06	0.0001	-908.9	0.0001	0.0703999	-14.2045	0.0001	0.0038577	-18.5675	3.57E-05	0.1263107	-4.41552	47.5846	30.6357	0.644078	1
cg10042846	CCI13	4.58E-05	0.0149472	0.651088	-1.53589	0.460754	1.11369	1.11369	2.61E-06	0.196815	-5.0809	0.00124165	0.508286	-1.9674	0.853154	0.97378	1.02693	0.352323	0.871755	-1.14711	0.0186267	0.664301	-1.50534	1.03E-05	0.25829	-3.87161	0.00114205	0.503632	-1.98558	27.2422	8.87184	0.289481	1
cg02706575	CCI13	0.000163496	0.492679	1.16023	1.16023	0.275657	0.573612	-1.74334	2.58E-05	0.168921	-5.91992	0.0359185	0.594175	-1.68301	0.0992604	1.47027	1.47027	0.692249	0.918644	-1.08856	0.00757459	0.480606	-2.0807	1.86E-05	0.155777	-6.41945	0.00386201	0.435921	-2.294	19.4007	13.9799	0.640523	1
cg01566155	CCI13	0.000566949	0.0498183	0.68961	-1.45003	0.0372094	1.28504	1.2804	0.0004153	0.778096	-1.13778	0.22696	1.29431	1.29431	0.765113	0.92065	-1.08606	0.0045246	1.87323	1.87323	0.0013797	0.463197	-2.15895	5.06E-05	0.283561	-3.5258	0.3706442	1.19194	1.19194	13.3011	5.79797	0.387467	1
cg24615251	CCI13;CCL13	0.000103903	0.136298	0.82229	-1.21612	0.603592	0.938141	-1.06594	1.83E-05	0.344695	-2.90112	0.0290483	0.730786	-1.36839	0.0779118	0.78757	-1.26973	0.262737	0.86733	-1.15296	0.0180169	1.41945	1.41945	2.94E-05	0.368493	-2.71376	0.000141704	0.449241	-2.22598	21.6161	5.08705	0.209188	1
cg10421391	CCI13;CCL13	0.000575532	0.792168	1.09255	-1.15078	0.43168	0.896707	-1.11519	0.0002837353	0.164275	-6.09772	0.0599781	0.374257	-2.67115	0.0143738	0.600384	-1.66541	0.2754591	0.643738	1.55347	0.0001	0.0001	-1.0E+04	0.0001	0.0001	-1.0E+04	0.0001	0.0001	-1.0E+04	0.0001	0.0001	-1.0E+04	0.0001	0.0001	1
cg26548883	CCL14;CCL15;CCL15;CCL14;CCL15	0.00152754	0.720224	0.898534	-1.11292	0.290013	0.721304	-1.38638	0.00138233	0.251676	-3.97334	0.0325452	0.47506	-2.105	0.681948	1.13041	1.13041	0.55614	0.837698	-1.19375	0.0035772	0.315701	-3.16755	5.27E-05	0.105677	-9.46276	0.89842	1.03873	1.03873	10.4248	14.6118	1.2459	1
cg24766030	CCL14;CCL14;CCL14;CCL14;CCL

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg23863670	CCL28	0.0111621	0.178252	1.49845	1.49845	0.194996	0.678693	-1.47342	0.00391316	0.333526
cg14076417	CCL28	0.013963	0.00209066	0.12719	-7.86224	0.325944	1.62097	1.62097	0.119743	0.447566
cg26639985	CCL28	0.0205214	0.0371196	0.534741	-1.87006	0.0722056	0.595118	-1.68034	0.0392756	0.539619
cg22724765	CCL28	0.0232576	0.0580089	0.348307	-2.87103	0.161738	2.08639	2.08639	0.264452	1.77267
cg26237003	CCL28	0.0269136	0.00470833	0.252945	-3.95344	0.0200451	0.358094	-2.79256	0.114027	0.533005
cg03077492	CCL28	0.0480021	0.0191942	0.315059	-3.17401	0.216138	0.588249	-1.69996	0.00585296	0.229779
cg03326188	CCL28;CCL28	0.000148308	0.0188197	0.608834	-1.64248	0.00253537	0.481618	-2.07633	6.27E-05	0.276546
cg02828397	CCL3	1.54E-05	0.000193949	0.459463	-2.17645	0.362509	0.89043	-1.12305	5.46E-06	0.279503
cg18407309	CCL3	0.0113806	0.877007	0.946016	-1.05706	0.828023	1.08108	1.08108	0.00407772	0.251254
cg22518733	CCL3	0.0137951	0.96989	1.00999	1.00999	0.458336	1.22001	1.22001	0.0139778	0.449624
cg17191872	CCL4	5.34E-05	0.49127	0.880083	-1.13626	0.00318975	2.08701	2.08701	1.27E-06	0.102792
cg08095345	CCL4	0.000536433	0.997483	1.00054	1.00054	0.670245	0.929008	-1.07642	0.000239922	0.351655
cg24737067	CCL4	0.00187201	0.95203	1.0117	1.0117	0.22319	1.28066	1.28066	0.0155515	0.563557
cg08984900	CCL4	0.016845	0.308561	1.50655	1.50655	0.417561	0.724589	-1.38009	0.0240711	0.351235
cg20804072	CCL4L1;CCL4L2	2.29E-05	0.153871	1.28765	1.28765	0.728454	0.943916	-1.05942	0.00258411	0.500762
cg07778180	CCL4L1;CCL4L2	5.15E-05	0.00028432	0.318561	-3.13911	0.351007	1.20349	1.20349	0.000285657	0.318815
cg00447324	CCL5	0.000169331	0.000251471	0.30123	-3.31972	0.000563633	0.345617	-2.89338	0.0332848	0.609877
cg14796318	CCL5	0.00046639	0.00420445	0.444891	-2.24774	0.931426	1.01835	1.01835	0.000207877	0.269368
cg12455187	CCL5	0.00381231	0.169634	1.38928	1.38928	0.799261	1.05894	1.05894	0.0277407	0.557269
cg08656816	CCL5	0.00758738	0.948471	0.975178	-1.02545	0.046063	0.41106	-2.43273	0.000879126	0.143771
cg04791421	CCL5	0.0144608	0.468651	0.9183	-1.08897	0.120185	0.822946	-1.21515	0.0395542	0.759427
cg02483931	CCL5	0.0370446	0.0156642	0.113932	-8.7772	0.0256193	0.143111	-6.98756	0.0349685	0.165021
cg10315334	CCL5;CCL5	0.000779005	0.143804	0.759549	-1.31657	0.00178492	2.17841	2.17841	0.0683492	0.699516
cg02867514	CCL5;CCL5	0.0246785	0.0332766	0.43318	-2.30851	0.448928	1.29622	1.29622	0.887271	0.953427
cg01520122	CCL7	4.91E-05	0.00122352	0.213103	-4.69257	0.0028894	0.262144	-3.81469	4.22E-05	0.0783547
cg08124722	CCL7	5.42E-05	0.936199	1.01437	1.01437	0.00057038	0.386292	-2.58872	5.42E-06	0.159711
cg02936263	CCL7	0.00169859	0.0776628	0.374993	-2.66672	0.00207678	0.114394	-8.74173	0.00996785	0.196384
cg27000831	CCL8	2.81E-06	0.0581647	1.44874	1.44874	0.00047279	0.386465	-2.58755	3.35E-06	0.149701
cg17256679	CCL8	0.000597688	0.976526	0.989616	-1.01049	0.00345814	0.244547	-4.08919	0.000938291	0.173572
cg00038857	CCL8	0.00154704	0.530708	0.758323	-1.3187	0.0654647	0.406296	-2.46126	0.00074212	0.107398
cg04656009	CCL8	0.00682446	0.784001	0.934607	-1.06997	0.0950941	1.57054	1.57054	0.0012956	0.315516
cg06083483	CCL8	0.015904	0.0205249	0.31408	-3.18391	0.489135	1.33852	1.33852	0.00592494	0.22457
cg10626261	CCM2;CCM2;CCM2;CCM2	0.00676156	0.187421	1.76701	1.76701	0.992299	1.00394	1.00394	0.249761	0.612559
cg23220823	CCM2;CCM2;CCM2;CCM2	0.0146446	0.359355	1.30321	1.30321	0.0134668	2.36245	2.36245	0.682116	1.12269
cg22037919	CCM2;CCM2;CCM2;CCM2	0.0204579	0.683214	0.949286	-1.05342	0.0679146	1.29611	1.29611	0.67078	0.947206
cg02275292	CCM2;CCM2;CCM2;CCM2	0.0250509	0.659561	0.958295	-1.04352	0.124201	1.17348	1.17348	0.408012	0.921893
cg22000980	CCM2;CCM2;CCM2;CCM2	0.0286878	0.197507	0.437726	-2.28453	0.83488	1.13376	1.13376	?	?
cg18205668	CCM2;CCM2;CCM2;CCM2;CCM2	0.00258256	0.00461929	0.463472	-2.15763	0.615254	0.901766	-1.10894	0.0812617	0.674113
cg17349352	CCM2;CCM2;CCM2;CCM2;CCM2	0.00523532	0.484884	0.868246	-1.15175	0.65559	0.91452	-1.09347	0.133265	0.724421
cg26433975	CCM2;CCM2;CCM2;CCM2;CCM2	0.0279164	0.305811	0.806018	-1.24067	0.929346	1.0182	1.0182	0.208271	0.763518
cg00282249	CCNA1;CCNA1;CCNA1;CCNA1	0.00049065	0.689148	0.930132	-1.07512	0.462849	0.874054	-1.14409	0.650367	1.08566
cg05120331	CCNA1;CCNA1;CCNA1;CCNA1	0.00395011	0.0137356	0.494595	-2.02185	0.00947507	0.467828	-2.13754	0.000121858	0.212204
cg24233119	CCNA1;CCNA1;CCNA1;CCNA1	0.00417736	0.0028456	0.418326	-2.39048	0.0281979	0.577043	-1.73297	0.25131	0.775462
cg08676975	CCNA1;CCNA1;CCNA1;CCNA1	0.00485112	0.0970769	0.869453	-1.15015	0.000229961	1.59986	1.59986	0.611827	1.0401
cg07345354	CCNA1;CCNA1;CCNA1;CCNA1	0.00592241	0.957356	1.01133	1.01133	0.00194171	0.396983	-2.519	0.0506927	0.625502
cg21587066	CCNA1;CCNA1;CCNA1;CCNA1	0.0128926	0.223187	0.709872	-1.40871	0.0258382	0.492394	-2.03089	0.632949	0.879133
cg00370179	CCNA1;CCNA1;CCNA1;CCNA1	0.023825	0.00508175	0.526806	-1.89823	0.0891415	0.722941	-1.38324	0.389391	0.858434
cg05137358	CCNA1;CCNA1;CCNA1;CCNA1;CCNA1;CCNA1	0.000690245	0.465898	0.942666	-1.06082	0.0864579	0.860113	-1.16264	0.0034385	0.728927
cg02478448	CCNA1;CCNA1;CCNA1;CCNA1;CCNA1;CCNA1	0.00774386	0.403744	0.870176	-1.14919	0.195966	0.800464	-1.24928	0.49391	0.893089
cg26984343	CCNA1;CCNA1;CCNA1;CCNA1;CCNA1;CCNA1	0.0387239	0.105348	0.844877	-1.1836	0.0123631	0.743268	-1.34541	0.571641	0.947003
cg16422907	CCNA1;CCNA1;CCNA1;CCNA1;CCNA1;CCNA1	0.0469099	0.0661141	0.393906	-2.53868	0.791161	1.12743	1.12743	0.898258	0.943827
cg20391652	CCNA2	0.015944	0.31899	0.600289	-1.66587	0.325427	1.65368	1.65368	?	?
cg20844771	CCNA2	0.0300576	0.00792213	0.27413	-3.64791	0.240922	0.627157	-1.5945	0.0847668	0.484588
cg06762614	CCNA2	0.0301387	0.0827829	0.648875	-1.54113	0.441636	0.838077	-1.19321	0.886138	1.03278
cg06952910	CCNA2	0.0374728	0.237159	1.32781	1.32781	0.472826	0.846061	-1.18195	0.648185	1.1109
cg20573242	CCNA2	0.0473585	0.852097	1.02849	1.02849	0.167239	1.24809	1.24809	0.0117231	1.60636
cg13849825	CCNB1	7.24E-06	0.944995	0.991453	-1.00862	0.290753	1.14613	1.14613	4.71E-05	0.385031
cg00290373	CCNB1	0.000223996	0.00382613	2.02976	2.02976	0.497093	0.882341	-1.13335	0.0179478	0.593241
cg13647309	CCNB1	0.015117	0.102601	1.4408	1.4408	0.0373974	0.610258	-1.63865	0.155238	0.732733
cg06979550	CCNB1	0.0299698	0.63253	1.06666	1.06666	0.523749	1.09041	1.09041	0.414759	1.11815
cg17668562	CCNB1	0.0406546	0.268619	0.586276	-1.70568	0.36068	0.646951	-1.54571	0.0211256	0.276651
cg23935746	CCNB1;CCNB1	0.00137228	0.00957933	0.763732	-1.30936	0.366795	1.07916	1.07916	0.00515417	1.35463
cg13984103	CCNB1IP1;CCNB1IP1;CCNB1IP1;CCNB1IP1	0.000970421	0.000568962	0.127538	-7.84079	0.00236738	0.194822	-5.13289	0.0110304	0.292269
cg19010223	CCNB1IP1;CCNB1IP1;CCNB1IP1;CCNB1IP1	0.00280784	0.0131821	0.481202	-2.07813	0.0104477	0.464268	-2.15393	0.000297788	0.246263
cg02012712	CCNB1IP1;CCNB1IP1;CCNB1IP1;CCNB1IP1	0.00515466	0.00787416	0.602608	-1.65945	0.387077	0.876595	-1.14078	0.00082995	0.473469
cg12796085	CCNB1IP1;CCNB1IP1;CCNB1IP1;CCNB1IP1	0.0226781	0.286082	0.834226	-1.19872	0.129109	0.764677	-1.30774	0.000447039	0.404094
cg03950590	CCNB2	2.54E-05	0.201949	0.799139	-1.25135	2.21E-07	13.4595	13.4595	0.385071	1.15974
cg08366813	CCNB2	0.0292085	0.334226	1.13319	1.13319	0.86114	0.978258	-1.02223	0.189669	1.19055
cg17111597	CCNB2	0.0473048	0.00198525	0.305977	-3.26822	0.16383	1.49608	1.49608	0.582468	1.16247
cg19284023	CCNB3;CCNB3	7.76E-05	0.00325433	0.533208	-1.87544	0.0343783	0.686136	-1.45744	9.52E-05	0.319179
cg11898425	CCNB3;CCNB3	0.00354712	0.35749	0.661147	-1.51252	0.133976	0.493277	-2.02726	0.127974	0.486974
cg15904420	CCNB3;CCNB3	0.00455076	0.00195122	0.662897	-1.50853	0.126993	1.16756	1.16756	0.817271	0.978511
cg11113650	CCNB3;CCNB3	0.0171477	0.702699	0.867268	-1.15305	0.866269	0.93933	-1.06459	0.112445	0.526384
cg04738169	CCNB3;CCNB3	0.0476319	0.593472	1.28637	1.28637	0.122929	0.453948	-2.20289	0.59723	0.779415
cg04520084	CCNC;CCNC	0.00138539	0.0995173	1.35824	1.35824	0.163163	0.776903	-1.28716	3.68E-05	0.260183
cg01960280	CCNC;CCNC	0.00494281	0.0344626	0.455295	-2.19638	0.00317892	0.27656	-3.61585	0.0253171	0.428156
cg12762303	CCNC;CCNC	0.0246471	0.328945	0.734118	-1.36218	0.93798	0.976411	-1.02416	0.00465606	0.315224
cg03736562	CCNC;CCNC	0.0286423	0.799026	0.944529	-1.05873	0.146696	1.41683	1.41683	0.451451	1.18721
cg08797242	CCNC;CCNC	0.0351453	0.0405938	0.454595	-2.19976	0.0919705	1.85614	1.85614	0.265572	1.47229
cg13271751	CCND1	1.09E-05	8.84E-08	0.0597104	-16.7475	0.636603	0.926472	-1.07936	0.0119998	0.604785
cg05164185	CCND1	0.000394609	0.000979392	0.35085	-2.85022	0.0144401	1.81449	1.81449	0.01276	1.84691
cg14513281	CCND1	0.000461635	0.029746	0.665562	-1.50249	0.000161893	0.358871	-2.78652	0.749033	0.9502
cg03735308	CCND1	0.000745847	0.266329	0.727452	-1.37466	1.58E-05	0.0863348	-11.5828	0.0380716	0.516547
cg21742931	CCND1	0.000789044	7.89E-05	0.476035	-2.10069	0.0460882	0.788429	-1.26835	0.00147346	0.620456
cg01406280	CCND1	0.00135926	0.0742175	0.817473	-1.22328	0.915326	0.989283	-1.01083	0.00977403	1.39233
cg14872731	CCND1	0.00266464	0.999501	1.0001	1.0001	0.401327	0.866534	-1.15402	0.133752	0.763605
cg15330584	CCND1	0.00465396	0.401972	0.904174	-1.10598	0.824666	1.0264	1.0264	0.672682	0.951322
cg00347938	CCND1	0.00591575	0.940694	1.02195	1.02195	0.0204898	2.2588	2.2588	0.000166447	0.153873
cg15954335	CCND1	0.00608131	0.42362	1.05451	1.05451	0.573054	1.03768	1.03768	0.00334977	1.29601
cg09801353	CCND1	0.00690288	0.00164332	0.142336	-7.02564	0.0368261	2.85438	2.85438	0.0418241	0.362532
cg07149785	CCND1	0.00847876	0.0210836	0.544222	-1.83749	0.00517357	0.445044	-2.24697	0.882222	0.968009
cg11398323	CCND1	0.011738	0.153988	0.463811	-2.15605	0.807511	0.884373	-1.13074	0.000550959	0.067186
cg09551996	CCND1	0.016301	0.0115826	0.746109	-1.34029	0.0235429	0.778067	-1.28524	0.023744	0.778454
cg02255700	CCND1	0.0243728	0.457808	1.0967	1.0967	0.293833	1.14218	1.14218	0.343139	1.12663
cg02723533	CCND1	0.0285764	0.514031	0.652309	-1.53302	0.596061	0.707956	-1.41252	0.00385561	0.0809623
cg12129983	CCND1	0.0296269	0.109333	0.479866	-2.08391	0.00497673	0.209393	-4.7757	0.00372214	0.192464
cg11190277	CCND1	0.034507	0.375154	0.823219	-1.21474	0.0998152	0.680149	-1.47027	0.00122558	0.363965
cg19964454	CCND1	0.0347729	0.657629	0.889936	-1.12368	0.0187628	0.474979	-2.10536	0.545312	0.852126
cg24203315	CCND1	0.0359059	0.796743	0.95219	-1.05021	0.654944	1.08913	1.08913	0.00335294	2.13314
cg27021553	CCND1	0.0361684	0.264024	0.721148	-1.38668	0.0696808	0.565728	-1.76763	0.00119796	0.263741
cg13720316	CCND1	0.045776	0.0507462	0.759202	-1.31717	0.0613481	0.770359	-1.2981	0.800357	1.03186
cg08170622	CCND1;CCND1	0.031981	0.349207	1.17037	1.17037	0.686274	0.935862	-1.06853	0.00282261	1.95712
cg27317813	CCND2	1.22E-05	0.0259338	1.58176	1.58176	3.14E-06	6.81112	6.81112	0.119025	0.745698
cg05667158	CCND2	4.62E-05	0.0345335	0.712283	-1.40394	0.699841	1.05477	1.05477	9.38E-06	3.72963
cg09799980	CCND2	5.10E-05	0.00334338	1.7789	1.7789	1.29E-05	3.75047	3.75047	0.563811	0.919279
cg21462428	CCND2	0.000835121	0.00540587	0.554835	-1.80234	0.000230166	2.67526	2.67526	0.00151225	2.08593
cg10091994	CCND2	0.000903216	0.00753179	0.286265	-3.49326	0.959505	0.981701	-1.01864	0.00555607	3.76244
cg13404421	CCND2	0.00106365	0.000723978	0.263803	-3.7907	0.208947	0.709462	-1.40952	0.72622	0.91292
cg21057429	CCND2	0.00224093	0.0519117	0.741824	-1.34803	0.418383	1.11813	1.11813	0.0152492	1.49531
cg00888007	CCND2	0.00225372	0.00712685	0.574885	-1.73948	0.189819	1.24756	1.24756	0.322103	1.17694
cg05153364	CCND2	0.0028437	0.0773042	0.470221	-2.12666	0.172971	1.74571	1.74571	0.00258643	4.97473
cg25425078	CCND2	0.00402015	0.322726	0.742057	-1.34761	0.364379	0.761682	-1.31288	0.000174055	6.42979
cg24626079	CCND2	0.00434012	0.96825	1.01142	1.01142	0.950476	0.982443	-1.01787	0.988779	0.995998
cg12105382	CCND2	0.00569932	0.425726	0.854399	-1.17041	0.00168531	0.41962	-2.38311	0.866596	0.967997
cg01093885	CCND2	0.00694155	0.633965	0.903363	-1.10697	0.449653	0.849408	-1.17729	0.000871018	0.347086
cg22794990	CCND2	0.0100115	0.0339772	1.58437	1.58437	0.00848493	1.86767	1.86767	0.175402	1.30723
cg03801902	CCND2	0.0100275	?	?	?	0.00652497	0.137374	-7.27939	0.748331	0.840845
cg13801381	CCND2	0.0171174	0.0552148	0.766669	-1.30434	0.0170002	1.4273	1.4273	0.00456418	1.58683
cg13391820	CCND2	0.0172246	0.142377	0.613793	-1.62921	0.823389	1.07164	1.07164	0.58291	0.842274
cg22500428	CCND2	0.0183177	0.0779766	0.508013	-1.96845	0.0206673	0.381514	-2.62113	0.00135408	4.99804
cg13575161	CCND2	0.0187624	0.0368392	0.703623	-1.42122	0.882008	1.02176	1.02176	0.209014	0.825332
cg14834893	CCND2	0.021195	0.0363797	3.09104	3.09104	0.00344511	6.31417	6.31417	0.283079	1.67766
cg26551299	CCND2	0.0216535	0.952382	1.01277	1.01277	0.191411	1.34168	1.34168	0.461561	1.17267
cg19582614	CCND2	0.0286539	0.326957	1.2314	1.2314	0.536484	0.879198	-1.1374	0.00397817	2.21753
cg23235334	CCND2	0.0439379	0.271822	2.28437	2.28437	0.478927	0.594623	-1.68174	0.048308	5.10155
cg15993083	CCND2	0.0496969	0.00248287	0.550346	-1.81704	0.254014	1.18431	1.18431	0.71901	1.05265
cg14914982	CCND2;CCND2	0.0328925	0.454077	0.882392	-1.13328	0.88912	0.977373	-1.02315	0.980173	0.995931
cg15348972	CCND2;CCND2	0.0468911	0.342239	0.652298	-1.53304	0.683547	0.836156	-1.19595	0.405038	0.689373
cg13464745	CCND3;CCND3	0.00719196	0.0452255	1.27696	1.27696	0.00206984	0.630305	-1.58653	0.00785421	1.43762
cg16323359	CCND3;CCND3	0.0206854	0.0688198	0.779364	-1.2831	0.0286808	1.37152	1.37152	0.317446	0.881177
cg02524834	CCND3;CCND3	0.0299495	0.0248168	0.592832	-1.68682	0.776639	0.945854	-1.05725	0.21047	0.772395
cg24684349	CCND3;CCND3	0.0387569	0.0531143	0.184971	-5.40626	0.0340042	0.149514	-6.68836	0.0837188	0.229958
cg07112531	CCND3;CCND3	0.0455868	0.734265	0.89732	-1.11443	0.891887	1.04419	1.04419	0.0349745	0.4578
cg03549948	CCND3;CCND3;CCND3;CCND3	0.000272298	0.75387	1.02654	1.02654	0.175428	1.12748	1.12748	0.63537	1.04058

Probeset ID	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)
cg23863670	-2.99827	0.96104	1.01391	1.01391	0.0807354	0.578323	-1.72914	0.164758	0.657665	-1.52053	0.00379239
cg14076417	-2.23431	0.660615	0.810246	-1.23419	0.100351	0.424308	-2.35678	0.0127261	0.228932	-4.36812	0.00236137
cg26639985	-1.85316	0.0112996	0.440159	-2.27191	0.0549769	0.569573	-1.7557	0.00114101	0.290136	-3.44666	0.226018
cg22724765	1.77267	0.0310732	0.287746	-3.47529	0.0278324	0.278165	-3.59499	0.0443289	0.320818	-3.11703	0.0203817
cg26237003	-1.87616	0.0151334	0.335433	-2.98122	0.0606299	0.461074	-2.16885	0.0191147	0.354176	-2.82346	0.0320921
cg03077492	-4.35201	0.257086	0.617451	-1.61956	0.0154715	0.297938	-3.3564	0.159033	0.541409	-1.84703	0.0768756
cg03326188	-3.61604	4.57E-05	0.260925	-3.83252	0.000163432	0.325886	-3.06855	0.000595673	0.396876	-2.51968	0.60684
cg02828397	-3.57778	0.00189654	0.579405	-1.72591	0.00148442	0.56645	-1.76538	0.0161183	0.694139	-1.44063	0.000407718
cg18407309	-3.98003	0.249153	0.649464	-1.53973	0.716268	1.13973	1.13973	0.236371	1.55985	1.55985	0.253329
cg22518733	-2.22408	0.096595	0.61855	-1.61669	0.785996	0.93084	-1.0743	0.403449	1.2525	1.2525	0.0918397
cg17191872	-9.72841	0.0594954	0.677969	-1.47499	0.229933	0.794409	-1.2588	0.00043431	0.361891	-2.76326	0.762981
cg08095345	-2.8437	0.171826	0.778754	-1.2841	0.557314	0.902999	-1.10742	0.780882	0.95319	-1.04911	0.0645543
cg24737067	-1.77444	0.505759	0.877652	-1.1394	0.635358	1.09672	1.09672	0.295228	1.23344	1.23344	0.00716905
cg08984900	-2.84709	0.0271613	0.361731	-2.76449	0.0790072	0.468412	-2.13487	0.0330269	0.379319	-2.6363	0.738846
cg20804072	-1.99696	0.16203	0.78095	-1.28049	0.800956	0.959029	-1.04272	0.00228299	2.02674	2.02674	0.0026174
cg07778180	-3.13661	0.000139313	0.280876	-3.56029	0.00226163	0.438461	-2.2807	0.0826095	0.69007	-1.44913	5.75E-06
cg00447324	-1.63967	0.00165433	0.408645	-2.44711	6.70E-05	0.234175	-4.27031	0.000427331	0.330109	-3.0293	4.60E-05
cg14796318	-3.71239	0.00360232	0.434904	-2.29936	0.000434624	0.308791	-3.23844	0.598269	1.11888	1.11888	0.000308766
cg12455187	-1.79447	0.514787	1.16004	1.16004	0.00052069	0.296401	-3.3738	0.950913	0.98626	-1.01393	0.0012422
cg08656816	-6.95548	0.00168267	0.174448	-5.73238	0.235155	1.62238	1.62238	0.996761	0.998423	-1.00158	0.0212548
cg04791421	-1.31678	0.554266	0.933186	-1.0716	0.0210205	0.725504	-1.37835	0.307774	1.1298	1.1298	0.0057976
cg02483931	-6.05985	0.0742022	0.232533	-4.30047	0.0202471	0.128389	-7.78886	0.0599546	0.210962	-4.74019	0.0167947
cg10315334	-1.42956	0.0926372	0.72321	-1.38273	0.271461	1.22199	1.22199	0.000312262	0.359257	-2.78352	0.00194655
cg02867514	-1.04885	0.0140193	0.360602	-2.77314	0.963224	0.984616	-1.01562	0.926459	0.969436	-1.03153	0.20899
cg01520122	-12.7625	0.0019072	0.237617	-4.20846	0.000645571	0.180738	-5.53288	0.367416	0.7389	-1.35336	0.000308259
cg08124722	-6.26132	0.847409	0.966241	-1.03494	0.855208	1.0331	1.0331	0.459429	0.874347	-1.14371	0.231333
cg02936263	-5.09206	0.166255	0.47791	-2.09244	0.0475429	0.321886	-3.10669	0.0594191	0.344974	-2.89877	0.000618972
cg27000831	-6.67997	0.48851	1.12956	1.12956	0.157444	0.76972	-1.29917	0.0393257	1.51101	1.51101	0.000105661
cg17256679	-5.76129	0.672713	0.860073	-1.16269	0.0180724	0.36105	-2.7697	0.128958	0.558742	-1.78974	0.00111733
cg00038857	-9.31113	0.238149	0.58377	-1.713	0.284219	0.615936	-1.62355	0.359016	1.50809	1.50809	0.313487
cg04656009	-3.16942	0.010209	0.450616	-2.21918	0.59277	0.875574	-1.14211	0.606703	0.880023	-1.13633	0.216766
cg06083483	-4.45295	0.0190593	0.308034	-3.24639	0.0776441	0.443178	-2.25643	0.536536	0.771285	-1.29654	0.0188017
cg10626261	-1.6325	0.0849406	2.17323	2.17323	0.0499219	0.402078	-2.48708	0.406049	1.41391	1.41391	0.612169
cg23220823	1.12269	0.14638	1.54978	1.54978	0.00690159	0.374305	-2.67162	0.176879	0.668065	-1.49686	0.00658259
cg22037919	-1.05574	0.0103774	1.50601	1.50601	0.0286647	1.38739	1.38739	0.0841077	0.784722	-1.27434	0.0547153
cg02275292	-1.08472	0.606582	1.05118	1.05118	0.000753431	0.611997	-1.634	0.295719	0.901048	-1.10982	0.34
cg22000980	?	0.00945674	0.128138	-7.8041	0.0247109	0.191414	-5.22427	0.115516	2.83561	2.83561	0.0675914
cg18205668	-1.48343	0.00118825	0.379164	-2.63738	0.733698	1.07216	1.07216	0.00150808	0.393427	-2.54177	0.251533
cg17349352	-1.38041	0.00305097	0.445859	-2.24286	0.810095	1.04909	1.04909	0.0750514	1.48379	1.48379	0.00123897
cg26433975	-1.30973	0.00698462	0.491837	-2.03319	0.460162	0.858183	-1.16525	0.0758438	1.49459	1.49459	0.0301167
cg00282249	1.08566	0.985617	0.996758	-1.00325	0.061839	0.684671	-1.46056	0.10128	0.723824	-1.38155	7.64E-06
cg05120331	-4.71245	0.0977227	0.657152	-1.52172	0.192582	0.727112	-1.3753	0.0599527	0.612371	-1.633	0.00443588
cg24233119	-1.28955	0.706925	1.08344	1.08344	0.00602529	0.467064	-2.14104	0.0677444	0.64781	-1.54366	0.000286538
cg08676975	1.0401	0.571593	0.957035	-1.04489	0.590308	1.04264	1.04264	0.0175193	0.800833	-1.2487	0.93448
cg07345354	-1.59872	0.232945	1.30157	1.30157	0.0202358	0.554305	-1.80406	0.609787	1.11457	1.11457	0.000509268
cg21587066	-1.13748	0.0110911	0.42628	-2.34587	0.101114	0.618366	-1.61717	0.299077	0.749649	-1.33396	0.000335822
cg00370179	-1.16491	0.167743	1.28975	1.28975	0.224231	0.80176	-1.24726	0.00845955	0.558889	-1.78926	0.0214171
cg05137358	-1.37188	0.00519657	1.34108	1.34108	0.0682702	1.17637	1.17637	0.00101025	1.47426	1.47426	0.000825872
cg02478448	-1.11971	0.0956037	0.742334	-1.3471	0.19429	0.799717	-1.25044	0.0127901	0.604514	-1.65422	0.00116132
cg26984343	-1.05596	0.380136	0.917809	-1.08955	0.249933	1.12136	1.12136	0.0231629	1.29515	1.29515	0.417491
cg16422907	-1.05952	0.0433779	2.85759	2.85759	0.480246	0.723033	-1.38306	0.00326601	6.12408	6.12408	0.881703
cg20391652	?	0.373906	0.636881	-1.57015	0.00765061	6.35586	6.35586	?	?	?	0.0287412
cg20844771	-2.06361	0.0111552	0.298524	-3.34982	0.147776	0.554231	-1.8043	0.0719015	0.466005	-2.1459	0.00945899
cg06762614	1.03278	0.00297506	0.399458	-2.50339	0.295013	0.783091	-1.27699	0.160212	0.713342	-1.40185	0.00565734
cg06952910	1.1109	0.634736	0.896223	-1.11579	0.854472	1.04293	1.04293	0.110139	0.671236	-1.48979	0.0110708
cg20573242	1.60636	0.454651	0.891689	-1.12147	0.0288504	0.678458	-1.47393	0.0410622	0.701285	-1.42595	0.830955
cg13849825	-2.59719	0.000216476	0.464037	-2.155	3.99E-06	0.263679	-3.79249	0.0108208	0.671537	-1.48912	3.90E-07
cg00290373	-1.68565	0.00213678	0.45692	-2.18857	0.185842	1.29006	1.29006	0.00908769	0.547803	-1.82547	1.99E-05
cg13647309	-1.36475	0.696451	0.92297	-1.08346	0.00538148	2.11544	2.11544	0.623645	1.10641	1.10641	0.00747996
cg06979550	1.11815	0.0467883	0.737183	-1.35652	0.512455	0.914856	-1.09307	0.00391717	0.594457	-1.68221	0.380547
cg17668562	-3.61466	0.649614	0.808999	-1.2361	0.00816802	0.208303	-4.80069	0.00716043	0.200038	-4.99904	0.0495247
cg23935746	1.35463	0.0149807	0.7821	-1.27861	0.230218	0.901736	-1.10897	0.629824	1.04071	1.04071	0.200516
cg13984103	-3.42151	0.0519542	0.42608	-2.34698	0.000167657	0.0844407	-11.8426	0.00540374	0.243474	-4.10722	0.000519768
cg19010223	-4.0607	0.572145	1.14553	1.14553	0.87574	0.963438	-1.03795	0.660988	0.900288	-1.11076	0.0119763
cg02012712	-2.11207	0.251118	0.83683	-1.19499	0.010181	0.617917	-1.61834	0.00496462	0.575473	-1.7377	0.00117119
cg12796085	-2.47467	0.153078	0.778548	-1.28444	0.24032	0.817804	-1.22279	0.422879	1.14331	1.14331	0.114261
cg03950590	1.15974	0.77066	1.04985	1.04985	0.0498593	0.689189	-1.45098	0.117487	1.32702	1.32702	0.709515
cg08366813	1.19055	0.873075	1.02028	1.02028	0.00907933	0.659516	-1.51626	0.318657	1.13814	1.13814	0.00341004
cg17111597	1.16247	0.72149	0.907512	-1.10191	0.191799	1.45448	1.45448	0.221281	0.705674	-1.41708	0.536308
cg19284023	-3.13303	0.00451519	0.553897	-1.80539	2.82E-06	0.142932	-6.99635	0.166294	1.24864	1.24864	0.0714779
cg11898425	-2.0535	0.00628231	0.210846	-4.74281	0.00116129	0.124195	-8.05186	0.753287	1.14783	1.14783	0.000942772
cg15904420	-1.02196	0.330253	1.09888	1.09888	0.000382013	0.587234	-1.7029	0.601524	1.0507	1.0507	0.208398
cg11113650	-1.89975	0.0204107	0.354255	-2.82283	0.00283728	0.217382	-4.60019	0.945767	1.02558	1.02558	0.00321189
cg04738169	-1.28301	0.420933	0.680468	-1.46958	0.00528695	0.166153	-6.01854	0.173275	0.505214	-1.97936	0.00649264
cg04520084	-3.84345	0.00588535	0.542684	-1.84269	0.982072	1.00382	1.00382	0.400312	1.15721	1.15721	0.937281
cg01960280	-2.3356	0.219289	0.66224	-1.51003	0.00949399	0.350519	-2.85292	0.136704	0.59962	-1.66772	0.000565908
cg12762303	-3.17235	0.334501	0.736879	-1.35708	0.00442251	0.311822	-3.20696	0.657825	0.872195	-1.14653	0.804153
cg03736562	1.18721	0.162136	1.39635	1.39635	0.0707993	0.63663	-1.57077	0.00686151	0.456991	-2.18823	0.0232455
cg08797242	1.47229	0.882026	0.951695	-1.05076	0.647561	1.16586	1.16586	0.311545	0.705345	-1.41775	0.00409797
cg13271751	-1.65348	0.0349802	0.674155	-1.48334	0.000575844	0.425292	-2.35133	0.965906	0.993164	-1.00688	0.0282564
cg05164185	1.84691	5.67E-05	0.172553	-5.79532	?	?	?	0.693283	1.07517	1.07517	0.0285362
cg14513281	-1.05241	0.99047	1.0019	1.0019	0.00570316	0.561606	-1.78061	0.0051661	0.555638	-1.79973	0.0138122
cg03735308	-1.93593	0.00115947	0.269552	-3.70986	0.0810258	0.587721	-1.70149	0.00254112	0.316391	-3.16064	0.0223818
cg21742931	-1.61172	0.0178192	0.741131	-1.34929	0.579046	1.06002	1.06002	0.732052	0.964886	-1.03639	0.00715099
cg01406280	1.39233	0.517247	0.935648	-1.06878	0.0105063	1.3857	1.3857	0.00206448	1.55205	1.55205	0.0194865
cg14872731	-1.30958	0.675856	0.932276	-1.07264	0.0654038	0.70829	-1.41185	0.242572	0.815504	-1.22624	3.08E-05
cg15330584	-1.05117	0.715602	1.04391	1.04391	0.910936	1.01323	1.01323	0.824344	1.02645	1.02645	4.48E-05
cg00347938	-6.49888	0.282511	0.721873	-1.38529	0.960486	0.985645	-1.01456	0.675558	1.1307	1.1307	0.189202
cg15954335	1.29601	0.00342373	1.29471	1.29471	0.360424	0.94076	-1.06297	0.254671	1.08031	1.08031	0.00477607
cg09801353	-2.75837	0.29511	1.59937	1.59937	?	?	?	0.216534	1.75495	1.75495	?
cg07149785	-1.03305	0.603869	0.891546	-1.12165	0.034973	0.583387	-1.71413	0.558836	0.878401	-1.13843	0.00255467
cg11398323	-14.8841	0.0326389	3.52044	3.52044	0.427514	1.50351	1.50351	0.2304	1.88399	1.88399	0.36915
cg09551996	-1.2846	0.130227	0.859292	-1.16375	0.239249	0.891945	-1.12115	0.017972	0.765857	-1.30573	0.00209114
cg02255700	1.12663	0.292578	0.875197	-1.1426	0.385297	1.11479	1.11479	0.810529	1.02976	1.02976	0.000559163
cg02723533	-12.3514	0.539455	1.49345	1.49345	0.17322	0.392346	-2.54877	0.138013	0.356624	-2.80407	0.00386105
cg12129983	-5.19576	0.680875	1.18995	1.18995	0.983841	1.00855	1.00855	0.171704	0.542315	-1.84395	0.0359305
cg11190277	-2.74752	0.580515	0.887546	-1.1267	0.586385	1.12458	1.12458	0.115889	1.44084	1.44084	0.151232
cg19964454	-1.17354	0.0361468	1.89081	1.89081	0.0507842	0.558901	-1.78923	0.406522	0.800927	-1.24855	0.861534
cg24203315	2.13314	0.117755	0.724386	-1.38048	0.139574	0.739516	-1.35223	0.544742	1.12339	1.12339	0.160458
cg27021553	-3.7916	0.831328	0.941866	-1.06172	0.953783	1.01641	1.01641	0.94394	0.980447	-1.01994	0.247922
cg13720316	1.03186	0.0123972	0.680285	-1.46997	0.217246	1.1743	1.1743	0.324895	1.13408	1.13408	0.418789
cg08170622	1.95712	0.0354513	0.670494	-1.49144	0.137304	1.29856	1.29856	0.119915	0.759253	-1.31708	0.95805
cg27317813	-1.34103	0.055077	1.45823	1.45823	0.0906482	1.38169	1.38169	0.933266	0.98558	-1.01463	4.11E-05
cg05667158	3.72963	0.000917138	0.505687	-1.97751	6.34E-05	0.363074	-2.75426	0.000564062	0.4792	-2.08681	0.00839198
cg09799980	-1.08781	0.00617002	1.67402	1.67402	0.000383033	2.26537	2.26537	0.0124835	1.56566	1.56566	0.00347149
cg21462428	2.08593	0.156867	1.27584	1.27584	0.0233831	0.646734	-1.54623	0.795639	1.04264	1.04264	0.408091
cg10091994	3.76244	0.0256265	0.38121	-2.62323	6.39E-05	0.0689394	-14.5055	?	?	?	0.247104
cg13404421	-1.09539	0.000280441	0.214494	-4.66213	0.000117641	0.174228	-5.73962	0.0453408	0.551576	-1.81299	0.526968
cg21057429	1.49531	0.919204	0.986393	-1.01379	0.447158	1.11028	1.11028	0.0123898	1.52248	1.52248	0.00341617
cg00888007	1.17694	0.285186	1.19341	1.19341	0.0115592	0.604721	-1.65366	0.180493	0.797312	-1.25421	0.000727867
cg05153364	4.97473	0.973618	0.987375	-1.01279	0.0626142	0.447078	-2.23675	0.0014414	0.1704	-5.86856	0.00438748
cg25425078	6.42979	0.870693	1.04873	1.04873	0.216599	1.46191	1.46191	0.00529346	0.341792	-2.92576	0.225264
cg24626079	-1.00402	0.0635736	0.551661	-1.81271	0.532673	0.835089	-1.19748	0.511853	0.827187	-1.20892	4.49E-05
cg12105382	-1.03306	0.0419568	1.57376	1.57376	0.159488	0.747637	-1.33755	0.0103636	0.535442	-1.86762	0.0183832
cg01093885	-2.88113	0.701057	1.08516	1.08516	0.0212377	1.79814	1.79814	0.627829	1.10905	1.10905	0.00582325
cg22794990	1.30723	0.0696994	1.45813	1.45813	0.0259663	0.611762	-1.63462	0.169944	0.762025	-1.31229	0.599866
cg03801902	-1.18928	?	?	?	0.00799543	0.14889	-6.71639	0.602667	1.32719	1.32719	?
cg13801381	1.58683	0.106477	1.24046	1.24046	0.336403	0.885884	-1.12882	0.242502	0.861114	-1.16129	0.344744
cg13391820	-1.18726	0.597871	1.1791	1.1791	0.0024062	0.270213	-3.70079	0.403761	0.767639	-1.30269	0.0274608
cg22500428	4.99804	0.598798	0.832278	-1.20152	0.237602	0.651932	-1.5339	0.659194	1.16588	1.16588	0.279141
cg13575161	-1.21163	0.884411	1.02131	1.02131	0.0200781	1.50172	1.50172	0.251425	0.840549	-1.1897	0.0218231
cg14834893	1.67766	0.242578	1.76355	1.76355	0.0232443	3.51974	3.51974	0.28855	1.66714	1.66714	0.457157
cg26551299	1.17267	0.0201	0.551067	-1.81466	0.500031	0.864607	-1.15659	0.398858	0.832314	-1.20147	0.000756263
cg19582614	2.21753	0.227328	0.770527	-1.29781	0.0123321	0.526809	-1.89822	0.567131	1.12635	1.12635	0.113885
cg23235334	5.10155	0.587779	1.48475	1.48475	0.444054	1.75682	1.75682	0.139823	3.1497	3.1497	0.00287491
cg15993083	1.05265	0.163111	0.809438	-1.23543	0.0694203	0.749429	-1.33435	0.679364	0.942681	-1.0608	0.149524
cg14914982	-1.00409	0.735831	0.945957	-1.05713	0.570772	0.910283	-1.09856	0.116115	0.755647	-1.32337	0.00572203
cg15348972	-1.45059	0.0043635	0.189636	-5.27326	0.00689683	0.217174	-4.60461	0.303631	1.59232	1.59232	0.797579
cg13464745	1.43762	0.503149	1.07499	1.07499	0.311617	1.11784	1.11784	0.703125	1.04159	1.04159	0.00482114
cg16323359	-1.13485	0.072642	0.782585	-1.27782	0.00667038	0.649957	-1.53856	0.27764	0.870926	-1.1482	0.314644
cg02524834	-1.29467	0.0769682	0.680521	-1.46946	0.233988	0.783342	-1.27658	0.0824696	0.686296	-1.4571	0.00670119
cg24684349	-4.34862	0.171503	0.326957	-3.05851	0.0043106	0.053357	-18.7417	0.112309	0.265102	-3.77213	0.0149569
cg07112531	-2.18436	0.132764	1.67493	1.67493	0.618133	1.17328	1.17328	0.100405	1.77233	1.77233	0.0123528
cg03549948	1.04058	0.957523	1.00445	1.00445	0.779761	0.976926	-1.02362	0.78087	1.02349	1.02349	3.05E-06

Probeset ID	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23863670	0.331475	-3.01682	0.0505915	0.532645	-1.87742	0.00430215	0.339772	-2.94315	5.70555	7.22431	1.1255	1
cg14076417	0.132665	-7.53777	0.370312	0.645237	-1.54982	0.307777	0.604851	-1.6533	5.30449	19.0542	3.19297	1
cg26639985	0.719762	-1.38935	0.158143	0.676872	-1.47738	0.0452623	0.552061	-1.81139	4.66355	4.94141	0.94185	1
cg22724765	0.252614	-3.9586	0.018071	0.24332	-4.10982	0.153141	0.470974	-2.12326	4.46766	17.1416	3.4105	1
cg26237003	0.39895	-2.50658	0.919098	1.03788	1.03788	0.393194	0.726061	-1.37729	4.24644	9.0089	1.88579	1
cg03077492	0.448435	-2.22998	0.172725	0.553481	-1.80675	0.0450423	0.391593	-2.55367	3.44091	9.05571	2.33935	1
cg03326188	1.09473	1.09473	0.251681	0.811554	-1.2322	0.000487067	0.385526	-2.59386	19.9177	9.5905	0.428005	1
cg02828397	0.49838	-2.0065	6.48E-07	0.18534	-5.39548	0.390442	0.896625	-1.11529	36.257	8.82881	0.21645	1
cg18407309	1.5334	1.5334	0.000700103	0.156903	-6.37335	0.421418	0.745059	-1.34218	5.66996	11.5301	1.80759	1
cg22518733	1.63027	1.63027	0.000808554	0.26427	-3.78401	0.90392	1.03231	1.03231	5.32561	5.84912	0.976267	1
cg17191872	1.05682	1.05682	0.00211615	0.454056	-2.20237	0.458153	0.871065	-1.14802	26.1681	13.8367	0.470012	1
cg08095345	1.42897	1.42897	1.95E-05	0.225516	-4.43428	0.702214	1.06827	1.06827	14.0141	6.56	0.416088	1
cg24737067	1.95619	1.95619	7.75E-05	0.250807	-3.98713	0.383695	0.841437	-1.18844	9.82923	5.81547	0.525912	1
cg08984900	0.878002	-1.13895	0.000968554	0.148113	-6.75162	0.962264	0.98177	-1.01857	4.98472	11.9381	2.12883	1
cg20804072	1.99392	1.99392	5.08E-07	0.0979518	-10.2091	0.213167	0.804848	-1.24247	32.6905	14.1985	0.386071	1
cg07778180	0.139469	-7.17006	3.75E-05	0.216988	-4.60856	0.0978398	0.70437	-1.41971	26.4099	15.575	0.524215	1
cg00447324	0.216523	-4.61845	0.00491131	0.476768	-2.09746	0.00137018	0.397305	-2.51696	19.2178	12.0235	0.556125	1
cg14796318	0.290214	-3.44573	0.145231	1.39161	1.39161	0.00410088	0.443272	-2.25595	14.5688	10.2987	0.628358	1
cg12455187	0.346283	-2.88782	0.0119218	0.494003	-2.02428	0.135668	0.696697	-1.43535	7.96692	6.37295	0.711046	1
cg08656816	0.340672	-2.93538	0.404506	0.717694	-1.39335	0.111983	0.510141	-1.96024	6.45055	15.4512	2.12918	1
cg04791421	1.51859	1.51859	0.0126541	0.698874	-1.43087	0.121656	0.823685	-1.21406	5.24369	1.10975	0.18812	1
cg02483931	0.117703	-8.49598	0.0679605	0.223377	-4.47674	0.0392923	0.174032	-5.74607	3.7882	32.254	7.5683	1
cg10315334	2.15415	2.15415	0.0134871	0.585334	-1.70843	0.0582474	0.687434	-1.45469	12.6262	6.13223	0.431712	1
cg02867514	0.640639	-1.56094	0.00122667	0.203952	-4.9031	0.215982	0.645439	-1.54933	4.37688	7.83694	1.59158	1
cg01520122	0.147454	-6.78179	3.62E-06	0.0288018	-34.72	0.000103862	0.106118	-9.4235	26.7566	45.2622	1.50367	1
cg08124722	1.25083	1.25083	1.71E-05	0.207646	-4.81588	?	?	?	26.7322	11.9595	0.447382	1
cg02936263	0.0717024	-13.9465	0.00011378	0.0337566	-29.6238	0.00978764	0.195217	-5.12252	10.1102	40.0578	3.52188	1
cg27000831	0.305619	-3.27204	1.29E-07	0.0552599	-18.0963	0.000206922	0.341086	-2.93181	56.2829	26.7186	0.421974	1
cg17256679	0.182142	-5.49022	4.40E-05	0.064046	-15.6138	0.00105132	0.179123	-5.58276	13.5985	27.1072	1.77191	1
cg00038857	0.635007	-1.57479	4.31E-05	0.0339141	-29.4863	0.0286552	0.32481	-3.07872	10.3868	31.2164	2.67146	1
cg04656009	1.37698	1.37698	0.0038649	0.383676	-2.60636	0.0341518	0.544204	-1.83755	6.66767	6.3974	0.852859	1
cg06083483	0.306935	-3.25802	0.00340784	0.191765	-5.21471	0.18302	0.556396	-1.79728	5.08115	13.856	2.42394	1
cg10626261	0.811947	-1.23161	0.00489904	0.218874	-4.56884	0.000580981	0.114414	-8.74016	6.68691	17.5834	2.33736	1
cg23220823	0.37099	-2.69549	0.872146	0.955751	-1.0463	0.556202	1.18206	1.18206	5.2219	6.53065	1.11167	1
cg22037919	0.758498	-1.31839	0.321294	0.878114	-1.1388	0.0425206	1.34484	1.34484	4.66848	1.1897	0.226522	1
cg02275292	1.09911	1.09911	0.246164	1.12361	1.12361	0.971275	0.996546	-1.00347	4.35415	0.636787	0.129998	1
cg22000980	3.50228	3.50228	0.780298	0.845179	-1.18318	0.145936	2.58324	2.58324	4.6483	23.1631	4.36024	1
cg18205668	1.2769	1.2769	0.081327	1.48328	1.48328	0.003781	0.450558	-2.21947	8.94602	5.89893	0.586126	1
cg17349352	2.55916	2.55916	0.0827176	1.46593	1.46593	0.044818	0.632286	-1.58156	7.23615	4.54074	0.557785	1
cg26433975	1.67984	1.67984	0.717213	1.07678	1.07678	0.0280888	0.590044	-1.69479	4.1922	2.74639	0.582329	1
cg00282249	0.17021	-5.87511	0.00865011	1.82748	1.82748	0.786931	0.95237	-1.05001	14.3655	7.3821	0.456778	1
cg05120331	0.415891	-2.40448	0.0290207	0.551737	-1.81246	0.0992414	0.65863	-1.5183	7.88224	6.66596	0.751727	1
cg24233119	0.284699	-3.51249	0.0527174	0.626729	-1.59559	0.0113902	0.510665	-1.95823	7.75035	5.52565	0.633738	1
cg08676975	1.00634	1.00634	0.0986729	0.87014	-1.14924	0.100237	0.870804	-1.14836	7.40657	0.692219	0.0830757	1
cg07345354	0.3185	-3.13972	0.779986	0.942695	-1.06079	0.373301	0.824812	-1.2124	6.96709	4.90014	0.625179	1
cg21587066	0.212627	-4.70307	0.0704472	0.581974	-1.71829	0.170853	0.676768	-1.47761	5.44488	6.1814	1.00913	1
cg00370179	0.619803	-1.61341	0.246971	0.810991	-1.23306	0.438318	1.14661	1.14661	4.43061	2.10151	0.421615	1
cg05137358	0.669811	-1.49296	0.688934	0.96849	-1.03254	0.00636001	1.32658	1.32658	13.0622	1.30975	0.0891289	1
cg02478448	2.17368	2.17368	0.0193441	1.58463	1.58463	0.65269	1.07652	1.07652	6.40937	2.68898	0.372923	1
cg26984343	0.924101	-1.08213	0.0540172	1.23165	1.23165	0.622178	0.953785	-1.04845	3.72729	0.535743	0.127765	1
cg16422907	1.06961	1.06961	0.496884	0.73217	-1.3658	0.547731	1.31644	1.31644	3.47092	11.2278	2.8754	1
cg20391652	3.83514	3.83514	0.00445438	7.98738	7.98738	0.0332703	3.64009	3.64009	6.85808	19.2917	2.41113	1
cg20844771	0.286568	-3.48957	0.0147533	0.31968	-3.12813	0.0900546	0.491631	-2.03405	4.08405	9.34209	2.0333	1
cg06762614	0.441575	-2.26462	0.291648	1.27934	1.27934	0.989284	0.996981	-1.00303	4.08014	3.27548	0.713586	1
cg06952910	0.48221	-2.07379	0.00622263	0.441982	-2.26254	0.0336103	0.566541	-1.7651	3.77235	3.13141	0.737862	1
cg20573242	0.968333	-1.0327	0.694241	1.06127	1.06127	0.28609	1.18147	1.18147	3.45849	1.24107	0.318976	1
cg13849825	0.16431	-6.08604	0.0155584	0.691365	-1.44641	0.779209	1.03558	1.03558	44.1056	10.8106	0.217874	1
cg00290373	0.208271	-4.80143	0.0328668	0.635622	-1.57326	0.0118851	1.76842	1.76842	17.8146	9.30069	0.464073	1
cg13647309	2.02192	2.02192	0.375154	1.20455	1.20455	0.1391	0.722159	-1.38474	5.16741	3.42131	0.588529	1
cg06979550	0.886488	-1.12805	0.0150952	0.670312	-1.49184	0.159783	1.22289	1.22289	4.08829	1.16186	0.252614	1
cg17668562	0.353968	-2.82511	0.662858	0.816036	-1.22544	0.0427703	0.339343	-2.94687	3.66116	12.4533	3.02353	1
cg23935746	0.894846	-1.11751	0.0100877	1.30573	1.30573	0.000287631	1.62625	1.62625	10.751	1.14966	0.0950529	1
cg13984103	0.123915	-8.07002	0.393872	0.713947	-1.40066	0.00924586	0.279565	-3.57699	11.8671	27.9762	2.09552	1
cg19010223	0.474165	-2.10897	0.0247351	1.88961	1.88961	0.0214964	0.518208	-1.92973	8.72775	7.83135	0.797594	1
cg02012712	0.492763	-2.02937	0.202186	0.818694	-1.22146	0.128185	0.783243	-1.27674	7.2706	2.54136	0.310701	1
cg12796085	0.754983	-1.32453	0.723211	1.05991	1.05991	0.537236	0.902837	-1.10762	4.50668	1.9105	0.376824	1
cg03950590	0.939629	-1.06425	0.833422	1.03567	1.03567	0.319295	1.18682	1.18682	31.8062	13.9506	0.389878	1
cg08366813	0.606754	-1.64811	0.238978	0.856561	-1.16746	0.646317	1.05973	1.05973	4.12576	1.02998	0.221907	1
cg17111597	1.18505	1.18505	0.790748	1.07477	1.07477	0.437649	1.23945	1.23945	3.45997	4.0284	1.03492	1
cg19284023	0.737084	-1.3567	0.0407705	1.43315	1.43315	0.00262644	0.51973	-1.92407	31.2701	10.7573	0.267565	1
cg11898425	0.11571	-8.64229	0.000909568	0.114295	-8.74932	0.158105	0.516942	-1.93445	8.14115	24.6519	2.69161	1
cg15904420	1.13256	1.13256	0.331902	1.09851	1.09851	0.598438	1.05115	1.05115	7.55197	1.05363	0.124015	1
cg11113650	0.224597	-4.45243	0.519072	1.27472	1.27472	0.0428523	0.420816	-2.37633	4.95512	10.8221	1.94135	1
cg04738169	0.178535	-5.60113	0.863233	1.08381	1.08381	0.0943132	0.418474	-2.38964	3.75009	12.6642	2.62659	1
cg04520084	0.986742	-1.01344	0.122643	1.32804	1.32804	0.59062	1.09648	1.09648	10.7218	4.88435	0.404937	1
cg01960280	0.18191	-5.49722	0.00169093	0.239017	-4.18381	0.0805804	0.538885	-1.85569	7.3644	11.8705	1.43278	1
cg12762303	1.0792	1.0792	0.322035	1.36865	1.36865	0.0139876	0.394151	-2.5371	4.37881	6.52616	1.3248	1
cg03736562	0.545117	-1.83447	0.79655	1.05949	1.05949	0.114281	1.4685	1.4685	4.15441	3.29205	0.704376	1
cg08797242	0.276899	-3.61143	0.904845	1.04068	1.04068	0.108581	1.79241	1.79241	3.86133	6.7982	1.56496	1
cg13271751	0.659903	-1.51538	0.00282881	0.516938	-1.93447	0.0382621	0.680218	-1.47012	39.6381	16.1667	0.362541	1
cg05164185	1.65195	1.65195	0.040835	0.634674	-1.57561	0.00386948	0.450432	-2.22009	26.4319	11.804	0.334935	1
cg14513281	0.616123	-1.62305	2.05E-05	0.254241	-3.93327	0.132416	0.772275	-1.29488	14.6102	5.86094	0.356582	1
cg03735308	0.471511	-2.12084	0.0215712	0.46851	-2.13442	0.350756	0.768073	-1.30196	12.7815	15.2805	1.06268	1
cg21742931	1.4351	1.4351	0.0242095	0.756192	-1.32242	0.174426	1.16212	1.16212	12.5808	2.15522	0.152276	1
cg01406280	0.75121	-1.33118	0.000626519	0.586987	-1.70361	0.159459	0.858722	-1.16452	10.7805	1.7523	0.144483	1
cg14872731	0.25737	-3.88545	0.2223	1.23849	1.23849	0.816919	0.962065	-1.03943	8.86383	3.90422	0.391525	1
cg15330584	0.403558	-2.47796	0.323252	0.887083	-1.12729	0.458508	0.915169	-1.09269	7.5007	1.63832	0.194154	1
cg00347938	0.666373	-1.50066	0.202835	1.48046	1.48046	0.646055	0.873759	-1.14448	6.96951	9.40109	1.19901	1
cg15954335	1.27545	1.27545	0.00155394	1.34377	1.34377	0.785528	0.98244	-1.01787	6.91037	0.461695	0.0593884	1
cg09801353	?	?	?	?	?	0.193402	1.81347	1.81347	7.18271	14.1867	2.6335	1
cg07149785	0.399406	-2.50372	0.00141166	0.362907	-2.75553	0.810786	1.05401	1.05401	6.22894	4.74524	0.677161	1
cg11398323	0.628572	-1.59091	0.0738688	0.366807	-2.72623	0.679227	0.811133	-1.23284	5.61352	22.5292	3.56745	1
cg09551996	0.669162	-1.49441	0.0285554	0.786849	-1.27089	0.734641	1.03207	1.03207	5.03963	0.687129	0.121196	1
cg02255700	0.520276	-1.92206	0.632113	0.942813	-1.06066	0.446972	0.90971	-1.09925	4.39585	1.03767	0.209829	1
cg02723533	0.0810136	-12.3436	0.232666	2.24341	2.24341	0.737236	0.804612	-1.24284	4.1578	27.4461	5.86765	1
cg12129983	0.358328	-2.79074	0.840254	1.08858	1.08858	0.710189	0.854722	-1.16997	4.10502	11.4989	2.48993	1
cg11190277	0.71987	-1.38914	0.258665	0.777342	-1.28644	0.795097	0.945897	-1.0572	3.88702	2.81187	0.643022	1
cg19964454	1.0467	1.0467	0.253393	0.732099	-1.36594	0.0185284	2.10975	2.10975	3.87625	4.19576	0.962157	1
cg24203315	0.752323	-1.32922	0.213149	0.779701	-1.28254	0.101632	1.40516	1.40516	3.83148	2.18614	0.507176	1
cg27021553	0.712359	-1.40379	0.112219	1.62513	1.62513	0.729532	0.907141	-1.10237	3.82135	4.77169	1.10995	1
cg13720316	0.902803	-1.10766	0.0293444	0.727852	-1.37391	0.106346	0.803919	-1.24391	3.503	0.849847	0.215649	1
cg08170622	0.99145	-1.00862	0.437076	0.878608	-1.13816	0.545419	0.904932	-1.10506	3.99473	1.68601	0.375163	1
cg27317813	0.257685	-3.88071	6.89E-06	5.63159	5.63159	0.00156035	2.20005	2.20005	38.5079	18.3448	0.423458	1
cg05667158	0.629108	-1.58955	0.582478	1.07942	1.07942	0.257061	0.849757	-1.17681	27.1875	8.15692	0.266689	1
cg09799980	0.564291	-1.77214	1.36E-05	3.71587	3.71587	0.0166333	1.52468	1.52468	26.483	8.7258	0.292878	1
cg21462428	1.14584	1.14584	0.00807211	0.579336	-1.72611	0.343039	0.854567	-1.17018	12.3814	5.07578	0.364403	1
cg10091994	1.55302	1.55302	0.554251	0.804448	-1.24309	0.589832	1.21891	1.21891	12.399	23.0946	1.86262	1
cg13404421	1.18072	1.18072	0.114345	0.640766	-1.56063	0.774987	0.928415	-1.0771	11.5622	12.2989	0.945526	1
cg21057429	0.5844	-1.71116	0.00050261	0.479711	-2.08459	0.137632	0.805827	-1.24096	9.32683	2.69313	0.256667	1
cg00888007	0.441182	-2.26664	0.000547957	0.425235	-2.35164	0.113724	0.760254	-1.31535	9.31129	3.74125	0.357153	1
cg05153364	0.231862	-4.31292	0.0276765	0.367823	-2.7187	0.573778	1.24404	1.24404	8.69501	20.3279	2.07812	1
cg25425078	1.45059	1.45059	0.903613	0.965236	-1.03602	0.250836	1.41968	1.41968	7.84061	10.5924	1.20086	1
cg24626079	0.110515	-9.04854	0.689549	1.12132	1.12132	0.717581	0.901602	-1.10914	7.66127	9.86756	1.14487	1
cg12105382	0.574969	-1.73922	0.113476	0.716629	-1.39542	0.0167945	1.75865	1.75865	7.04999	4.17901	0.526905	1
cg01093885	0.465298	-2.14916	0.07919	1.51119	1.51119	0.484508	1.16243	1.16243	6.63243	4.71513	0.631929	1
cg22794990	0.906272	-1.10342	0.0039116	2.05868	2.05868	0.133955	1.35054	1.35054	5.90844	3.23467	0.486637	1
cg03801902	?	?	?	?	?	0.00724414	0.143208	-6.98285	7.45305	18.5974	3.49339	1
cg13801381	0.887835	-1.12634	0.799927	1.03153	1.03153	0.0424216	1.3307	1.3307	4.95806	1.17351	0.210389	1
cg13391820	0.446096	-2.24167	0.083845	0.55315	-1.80783	0.0148008	2.52982	2.52982	4.9477	7.50665	1.34862	1
cg22500428	1.47564	1.47564	0.704989	0.876756	-1.14057	0.650565	1.1708	1.1708	4.8465	9.17836	1.68339	1
cg13575161	0.671	-1.49031	0.00336992	0.560964	-1.78264	0.846033	1.02858	1.02858	4.80745	1.60004	0.295843	1
cg14834893	0.703794	-1.42087	0.00612806	5.25538	5.25538	0.0290122	3.30009	3.30009	4.61244	15.721	3.02968	1
cg26551299	0.337828	-2.96008	0.688771	0.918001	-1.08932	0.781159	1.06097	1.06097	4.57879	3.2747	0.635723	1
cg19582614	0.702033	-1.42443	0.996156	0.99901	-1.00099	0.445808	1.17334	1.17334	4.15382	2.78314	0.595572	1
cg23235334	0.0517626	-19.319	0.910592	0.922082	-1.0845	0.87675	1.1186	1.1186	3.55714	29.382	7.34221	1
cg15993083	0.802953	-1.2454	0.767842	0.958831	-1.04294	0.38841	1.13376	1.13376	3.39597	1.08477	0.283938	1
cg14914982	0.551879	-1.81199	0.529734	1.1101	1.1101	0.00578406	1.80983	1.80983	3.95468	1.68606	0.378973	1
cg15348972	1.11876	1.11876	0.746935	1.15184	1.15184	0.992085	0.995678	-1.00434	3.47145	10.4811	2.68376	1
cg13464745	1.48877	1.48877	0.916123	1.01127	1.01127	0.385671	0.909699	-1.09926	6.5595	1.17648	0.159427	1
cg16323359	1.13574	1.13574	0.0453912	1.32437	1.32437	0.706369	1.04742	1.04742	4.65092	1.10369	0.210938	1
cg02524834	1.99026	1.99026	0.274323	1.24934	1.24934	0.563656	1.12103	1.12103	4.08928	2.48071	0.539234	1
cg24684349	0.100491	-9.9511	0.0320067	0.145244	-6.88495	0.131831	0.28677	-3.48712	3.72612	34.8011	8.30201	1
cg07112531	0.371392	-2.69257	0.149197	0.611509	-1.6353	0.0755692	0.533126	-1.87573	3.50845	5.61833	1.42344	1
cg03549948	0.396737	-2.52056	0.313988	1.09059	1.09059	0.0871707	1.17033	1.17033	16.8917	1.85521	0.0976268	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08227385	CCND1;CCND3;CCND1;CCND3	0.00215948	0.01547524	-2.64229	-1.52386	2.02108257	0.0747555	-1.48202	0.000261259	0.42684	-2.3428	0.4818973	0.8940091	-1.11845	0.1102161	1.27998	-1.27998	0.02030834	0.546705	-1.82914	0.1047161	1.28593	-1.28593	0.8494764	0.9725581	-1.02839	0.0131916	0.646773	5.546414	9.42841	3.00336	0.28315	1
cg16203210	CCND1;CCND3;CCND1;CCND3	0.0169046	0.0346192	0.4687624	-2.13368	0.542201	1.21964	1.21964	0.193125	0.654641	-1.52756	0.2213691	0.673382	-1.48504	0.000523683	0.189552	-5.2756	0.32508	0.731538	-1.36698	0.0347437	0.468996	-2.13221	0.1402211	0.613745	-1.62934	0.0387366	0.478863	-2.08828	4.97884	7.46239	1.33229	1
cg00850756	CCND1;CCND3;CCND1;CCND3	0.0208055	0.1735544	0.7716598	-1.29584	0.6833	1.07618	1.07618	0.13219	0.747659	-1.33751	0.55911	1.11152	1.11152	0.00501666	0.514564	-1.94339	0.00739119	0.539172	-1.8547	0.313836	1.20495	1.20495	0.459306	1.14437	1.14437	0.0643795	1.45052	1.45052	4.64175	2.35497	0.450973	1
cg01445347	CCND1;CCND3;CCND1;CCND3	0.0347177	0.15594	0.6142148	-1.62809	0.611235	0.3606614	-2.77286	-2.77286	0.059255	-1.43667	0.50256	-1.43667	0.50256	-1.43667	0.50256	-3.11518	0.0301044	0.440807	-2.2665	0.0408569	0.468645	-2.13381	0.435312	0.27447	-1.29119	0.0114122	0.361816	2.764307	6.33274	1.45137	1
cg26491833	CCND1;TAF8;CCND3 CCND1;CCND1;CCND1;CCND1;CCND3	0.0157259	0.0509379	3.24902	3.24902	0.00455166	7.40872	7.40872	0.0878005	2.72174	2.72174	0.0658192	2.986	2.986	0.187667	2.09584	2.09584	0.040607	3.50066	3.50066	0.0017316	10.6776	10.6776	0.0114	5.57711	5.57711	0.0578492	3.11576	3.11576	5.10019	22.6855	3.95375	1
cg05194114	1 CCND1;CCND1;CCND1;CCND1;CCND3	0.0285518	0.8890034	0.964225	-1.0371	0.00463571	2.67205	2.67205	0.0211431	2.06148	2.06148	0.0883614	1.63337	1.63337	0.488998	0.832419	-1.20132	0.712044	1.10158	1.10158	0.0150697	2.18044	2.18044	0.0212353	2.06001	2.06001	0.557966	1.16721	1.16721	4.15906	4.48546	0.958648	1
cg03626025	1 CCND1;CCND1;CCND1;CCND1;CCND3	0.0311801	0.00885649	0.647678	-1.54398	0.73196	1.04584	1.04584	0.244925	1.71784	1.17184	0.649519	0.942099	-1.06146	0.314806	0.873267	-1.14512	0.639154	1.0635	1.0635	0.093972	0.598137	-1.67186	0.913914	1.0142	1.0142	0.152106	1.22542	1.22142	4.03109	0.08512	0.239277	1
cg26552325	1 CCND1;CCND1;CCND1;CCND1;CCND3	0.0437153	0.205326	1.43287	1.43287	0.000781626	3.92572	3.92572	0.348474	1.2967	1.2967	0.127412	1.55848	1.55848	0.205009	1.43327	1.43327	0.764469	1.08424	1.08424	0.650224	0.884371	-1.13075	0.294593	1.33991	1.33991	0.327214	1.31291	1.31291	3.56389	4.0897	1.02003	1
cg22184983	1.6.09E-05 1;CCND1;TMEM62;CCND1;CCND3	0.6.09E-05	0.0582947	0.919319	-1.08776	0.365326	1.03725	1.03725	2.97E-06	1.54984	1.54984	0.00649597	0.870161	-1.14921	0.341708	1.03927	1.03927	0.814991	0.990827	-1.00926	0.000160547	0.776112	-1.28847	0.139159	0.939339	-1.06458	0.047617	1.09315	1.09315	25.2719	0.61864	0.0217595	1
cg00650309	1	0.0300772	0.865539	1.07571	1.07571	0.00882735	0.237958	-4.20241	0.00395066	0.188353	-5.30917	0.2734444	1.6336	1.6336	0.460447	1.0871	1.0871	0.459902	1.38266	1.38266	0.0381596	0.359372	-2.78263	0.692133	1.18694	1.18694	0.595875	0.794145	-1.25922	4.03831	11.9916	2.61057	1
cg16740744	CCND1;CCND3	0.0059386	0.0192283	2.30737	2.20972	0.0184494	2.21785	2.21785	0.0103344	2.49587	2.49587	0.0514158	1.85521	1.85521	0.0404024	2.078249	1.26863	0.0111122	2.42811	2.42811	0.0083005	4.05969	4.05969	0.0047264	2.55482	2.55482	0.0464886	2.05609	2.05609	6.56221	8.56247	1.0932	1
cg15828085	CCNE1;CCNE1	0.00498969	0.9672356	1.01807	1.01807	0.971118	0.984327	-1.01592	6.94E-05	0.0419747	-23.8239	0.245589	0.588674	-1.69873	0.988792	0.99388	-1.00615	0.682378	0.835668	-1.19665	0.072564	2.39679	2.39679	0.572033	0.779473	-1.28292	0.850842	1.08191	1.08191	7.34322	22.1402	2.68004	1
cg27475126	CCNE1;CCNE1	0.0333091	0.0153015	3.45686	-2.29102	0.0785556	1.0594	1.0594	0.0146654	2.72176	2.72176	0.56045	0.82187	-1.21674	0.0221321	0.400833	-2.49487	0.190958	1.39604	1.39604	0.318069	0.709288	-1.40986	0.0123391	0.413557	-2.3065	0.573377	0.82687	-1.20938	3.93684	6.92407	1.56337	1
cg11804457	CCNE1;CCNE1	0.0161161	0.0604996	-2.56292	-2.56292	0.00943797	4.3183	4.3183	0.00832393	4.97485	4.97485	?	?	?	0.446648	3.41185	3.41185	0.156017	1.96368	1.96368	0.0137	?	?	0.833749	0.910778	-1.09796	0.541935	0.759952	-1.31587	3.96209	9.64912	2.78327	1
cg12187567	CCNE2	0.00280083	0.2069151	1.16241	1.16241	0.696168	0.956595	-1.04537	0.397272	1.10298	1.10298	0.153098	1.18887	1.18887	0.0969457	0.813821	-1.22877	0.00605946	0.666777	-1.49975	0.0145348	1.40551	1.40551	0.00351218	1.56464	1.56464	0.00075382	1.78204	1.78204	8.7342	1.76873	0.180005	1
cg08937448	CCNE2	0.0102164	0.0042326	2.34043	2.34043	0.0195962	1.73321	1.73321	0.1627	1.38283	1.38283	0.0417858	0.5992315	-1.66885	0.0139586	1.449609	1.24469	0.528722	1.260972	-1.14946	0.109803	0.498124	-2.00673	0.0138095	1.32876	1.32876	0.0822294	0.659913	-1.52227	5.87025	4.42869	0.676004	1
cg01459673	CCNE2;CCNE2	0.0134401	0.4786095	0.820196	-1.21922	0.527247	1.19279	1.19279	0.774906	1.08211	0.108512	0.615053	-1.62588	0.296427	1.3471	1.3471	0.0499757	0.539784	-1.85259	0.000459958	0.219224	-4.56154	0.205742	1.44395	1.44395	0.489798	1.21298	1.21298	5.37134	6.44361	1.06634	1
cg10505740	CCNE2;CCNE2	0.0031875	0.0006594	0.4814576	-2.07611	0.238826	0.5213171	1.08424	0.0135254	1.37404	0.6611563	0.973503	0.2722	0.0215356	0.6547251	-1.5273	0.6547251	0.1232144	1.29103	1.29103	0.0917592	0.5094632	-1.96357	0.0478457	0.796682	-1.25521	0.0298112	0.666282	-1.50087	4.40534	3.19174	0.33312	1
cg00743840	CCNF	0.00336749	0.00147278	0.209753	-4.76752	0.479843	0.783159	-1.27688	0.97587	1.01035	1.01035	0.378616	0.735365	-1.35987	0.000747333	0.175334	5.70339	0.0123717	0.346571	-2.88541	0.000736981	0.174668	-5.72513	0.245597	0.661489	-1.51174	0.0218178	0.391941	-2.5514	8.26867	15.1647	1.63022	1
cg03825328	CCNF	0.00623707	0.00188176	0.181941	-5.49629	0.14247	0.543566	-1.8397	0.358192	0.659962	-1.441	0.1818	0.57809	-1.72983	0.503642	0.769188	-1.30007	0.0607694	0.441595	-2.26452	0.0043534	0.436731	-2.29033	0.0242874	0.70987	-1.40987	0.0154852	0.51295	-1.95054	8.65854	16.2354	2.01478	1
cg00629102	CCNF	0.0139214	0.5095514	1.15818	1.15818	0.314748	0.820404	-1.09134	0.174885	0.597234	-1.6557	0.0418434	0.56309	-1.77552	0.0206004	0.708125	-1.41208	0.0032645	0.477653	-2.09407	0.0017316	0.68407	-1.46121	0.144472	1.14472	1.14472	0.0053498	0.407294	-2.01088	5.3097	3.04928	0.510476	1
cg00591660	CCNF	0.0280743	0.00328926	0.218333	-4.58022	0.0622059	0.450366	-2.22041	0.0197344	0.340035	-2.91515	0.900658	1.0486	1.0486	0.0182523	0.336651	-2.97043	0.287396	0.657233	-1.52153	0.0611826	0.448605	-2.22913	0.780086	0.899105	-1.11222	0.0247752	0.362226	-2.76071	4.18387	9.56691	2.03255	1
cg02132364	CCNF	0.028373	0.8889936	1.03207	1.03207	0.00315758	2.8532	2.8532	0.762212	1.07095	1.07095	0.527027	1.3852319	-1.15578	0.188845	1.360913	1.36911	0.0260414	0.550668	-1.81597	0.0232581	2.25884	2.25884	0.0084746	1.28215	1.28215	0.4847744	1.17396	1.17396	4.16828	3.56836	0.718304	1
cg08970050	CNG1;CCNG1	0.00025658	0.04277042	0.7103443	-1.40777	0.1925997	1.5144	1.5144	0.0279873	1.46339	1.46339	0.0623346	0.73514	-1.36028	0.425021	0.887386	1.12691	0.07575534	1.33626	1.33626	2.23E-05	0.287188	-3.48203	0.00244184	0.410321	-2.43718	0.0647113	1.06604	1.06604	17.1679	5.84802	0.302788	1
cg17381847	CCNG1;CCNG1	0.00776838	0.72375	1.05599	1.05599	1.006818	0.763177	-1.31031	0.171009	0.7995091	-1.25077	0.629065	1.07758	1.07758	0.520611	0.904876	-1.10512	0.08302101	1.34262	1.34262	0.688433	0.940001	-1.06383	0.000149068	0.367036	-2.71915	0.981185	0.996387	-1.00363	6.40301	2.38955	0.331726	1
cg12879386	CCNG1;CCNG1	0.018411	0.9936	1.00642	1.00642	0.876012	0.760122	-1.31579	-1.31579	0.2037	0.2037	0.042178	1.2732	1.2732	0.16427	1.38283	1.38283	0.0417858	0.5992315	-1.66885	0.0139586	1.449609	1.24469	-1.24469	0.109803	0.498124	-2.00673	0.0138095	1.32876	1.32876	5.87025	4.42869	0.676004	1
cg18020381	CCNG1;CCNG1	0.0472006	0.922253	0.947774	-1.0551	0.235713	0.505195	-1.97943	0.898503	0.932281	-1.07264	0.305143	1.79227	1.79227	0.0694193	0.327581	-3.05268	0.00137981	0.081264	-12.7939	0.344049	0.585342	-1.7084	0.325927	0.572739	-1.746	0.163029	0.441239	-2.26435	16.5588	4.25052	1
cg21398469	CCNG2	1.04E-05	0.0696504	0.7944176	-1.25866	0.2138426	0.0137171	1.76156	0.0452984	0.0375421	2.66362	0.0012305	0.0375421	2.66362	0.0012305	0.452984	2.20754	6.43E-06	0.0001745	5726.41	0.0001745	5726.41	2.87122	0.348357	2.87122	0.348357	0.0006343	1577.07	0.0006343	1577.07	0.6563443	16.5588	4.25052	1
cg19231699	CCNG2	0.00582962	0.00170526	0.234539	-4.26369	0.146767	0.604048	-1.6555	0.14352	1.66327	1.66327	0.728765	0.893435	-1.11928	0.149444	0.606343	-1.64923	0.000621081	0.18186	-5.49874	0.659403	1.15438	1.15438	0.188756	0.637173	-1.56943	0.0127763	0.367422	-2.72167	7.00109	11.6176	1.47502	1
cg11579630	CCNG2	0.0190672	0.516752	0.828867	-1.20647	0.757044	0.915209	-1.09265	0.221289	0.453707	-2.20407	0.0555448	0.538214	-1.858	0.0203525	0.450759	-2.21848	0.00861208	0.384218	-2.60269	0.900108	1.103651	1.10651	0.153323	0.646252	-1.54738	0.00137564	0.279319	-3.58013	0.478135	0.173391	1.14768	1
cg22960958	CCNH	0.00099908	0.0053143	0.4884376	-2.04731	0.2558356	0.1301	1.62469	-1.1602	0.5809983	0.838422	-1.19562	0.0131146	1.43245	0.49249	1.203946	0.830625	0.0079288	0.674821	-1.48184	0.0025183	0.464799	-2.15268	0.280307	1.76068	1.76068	0.114889	1.19818	1.19818	11.7696	5.54422	0.192151	1
cg09269307	CCNH	0.00144394	0.00537152	1.35046	1.35046	0.0127341	0.775929	-1.28878	0.181798	1.12318	1.12318	0.479227	1.06073	1.06073	0.0011295	1.48102	1.48102	0.0099675	1.30569	1.30569	0.232881	1.10796	1.10796	0.00154932	0.688633	-1.45215	0.0654326	1.1869	1.18469	10.595	1.12718	0.0945667	1
cg19460391	CCNH	0.00680376	0.899371	1.01966	1.01966	0.297063	1.43099	1.43099	0.252069	1.48823	1.48823	0.00841699	1.05126	1.05126	0.4372929	0.768872	-1.30061	0.7850514	0.902617	-1.10789	0.0215861	1.658883	-1.58639	0.0004662	1.129071	-1.74766	0.403878	1.129071	-1.37802	0.85357	1.68749	1.03961	1
cg16551040	CCNH;CCNH	0.00507568	0.552086	1.29013	1.29013	0.00155179	0.129684	-7.71103	0.00893107	0.43185	-4.31385	0.0448115	0.369739	-2.70461	?	?	?	0.0975138	0.458504	-2.18101	?	?	?	0.0297375	0.328379	-3.04526	0.0328351	0.338967	-2.95014	0.840432	19.0492	2.15481	1
cg16452392	CCNH;CCNH	0.0495053	0.102564	0.784881	-1.27408	0.2581358	0.852152	-1.1735	0.0432425	1.37066	1.37066	0.0335962	0.714212	-1.40014	0.0940579	0.779092	-1.28355	0.121678	0.796514	-1.25547	0.35193	2.870189	-1.13871	0.118845	1.25803	1.25803	0.3188853	1.14992	1.14992	3.40095	0.990357	0.258844	1
cg05952680	CCNI	0.00495958	0.0225555	0.36124	0.36124	0.0376794	0.115917	-1.11917	0.115917	0.115859	0.115859	0.140314	2.59248	2.59248	0.0754819	0.33598	0.33598	0.0167904	0.729553	-1.37055	0.0242084	0.544909	0.0202516	0.351017	0.427314	0.427314	0.0914709	0.961094	-1.04048	0.414461	0.384193	1.593292	1
cg24159251	CNI	0.0120758	0.124782	0.72661	-1.37625	0.00588601	0.99893	0.99893	0.213321	1.28642	1.28642	0.318417	0.820221	-1.21918	0.854051	1.03602	1.03602	0.172977	1.3214	1.3214	0.0015828	0.541452	-2.39096	0.283449	0.807095	-1.23901	0.941363	1.01424	1.56212	3.25367	0.519973	1
cg09474133	CNO	0.02150515	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.00179295	0.077596	-12.8907	0.0001745	5726.41	-1.77953	0.838469	0.895092	-1.11732	?	0.42424	1.56325	?	?	?	1
cg26633751	CNI	0.0276859	0.0893275	2.08901	2.08901	0.303809	1.52015	1.52015	0.0891733	2.0899	2.0899	0.104662	2.00858	2.00858	0.874625	1.06406	1.06406	0.121884	1.93157	1.93357	0.814179	0.91157	-1.09701	0.000565063	0.17606	0.17606	0.504862	1.30486	1.30486	4.20444	10.2971	2.17698	1
cg08952840	CNI	0.00495958	0.0225555	0.36124	0.36124	0.0376794	0.115917	-1.11917	0.115917	0.115859	0.115859	0.140314	2.59248	2.59248	0.0754819	0.33598	0.33598	0.0167904	0.729553	-1.37055	0.0242084	0.544909	0.0202516	0.351017	0.427314	0.427314	0.0914709	0.961094	-1.04048	0.414461	0.384193	1.593292	1
cg01688376	CNN2	0.0070133	0.0070133	2.86433	2.86433	0.169933	1.05604	0.027216	1.58821	0.58821	1.76036	0.254112	1.76036	0.254112	0.588234	0.551878	0.551878	0.0398091	0.0818	0.0818	0.108278	0.57033	0.57033	0.0443083	4.37177	4.37177	0.0308059	2.67843	2.67843	0.455	3.99897	1.12439	1
cg07152591	CNN2	0.013208	0.0117946	17.0705	17.0705	0.0533507	7.24401	7.24401	0.155475	3.94055	3.94055	0.285007	2.72354	2.72354	0.00928761	19.6445	19.6445	0.0108861	17.8902	17.8902	0.0518241	7.36281	7.36281	0.00280553	41.0586	41.0586	0.00519952	25.7396	25.7396	5.40205	69.6426	11.4595	1
cg00883408	CNN2	0.0060363	0.0030139	2.8776	2.8776	0.0227307	2.54312	2.54312	0.0770185	2.52828	2.52828	0.0211633	2.13801	2.13801	0.0206511	2.77767	2.77767	0.0202091	3.39621	3.39621	0.0114128	5.45479	5.45479	0.0067642	4.27374	4.27374	0.0105988	3.85479	3.85479	6.66726	14.169	2.79374	1
cg20075683	CNN2	0.0255186	0.0768223	2.50977	2.50977	0.0181209	1.8266	1.8266	0.0590064	2.71026	2.71026	?	?	?	0.0337916	3.18681	3.18681	0.0675539	2.51042	2.51042	0.00767932	4.96307	4.96307	0.00671686	5.17449	5.17449	0.1822275	1.93858	1.93858	4.40138	13.5491	3.07837	1
cg16397284	CNN2	0.0458714	0.0495647	11.8015	11.8015	0.0532506	13.6865	13.6865	0.0791855	11.033	11.033	0.177064	5.5245	5.5245	0.077357	10.3716	10.3716	0.0795049	10.3504	10.3504	0.00642886	68.203	68.203	0.0187112	29.8009	29.8009	0.0280998	21.4624	21.4624	5.50027	78.6717	19.3786	1
cg11290854	CNN2;CNN2	0.0240657	0.0379904	14.3015	8.8305	0.1778352	9.12432	9.12432	0.0236145	15.8541	15.8541	0.0284511	4.82541	4.82541	0.0952821	13.9625	13.9625	0.0364902	12.9398	12.9398	0.0560216	22.4976	22.4976	0.0038753	26.2482	26.2482	0.0104575	18.3069	18.3069	6.04535	78.3369	4.36595	1.04171	1
cg10317807	CNN1;CCNN1;CCNN1	0.0130541	0.294492	1.15065	1.15065	0.089713	1.27308	1.27308	0.410105	0.8969821	-1.11485	0.0227008	0.703265	-1.42194	0.258143	0.858741	-1.1645	0.508011	0.916978	-1.09054	0.111775	1.24564	1.24564	0.00164947	1.78855	1.78855	0.0863299	0.783056	-1.27705	5.42278	1.43063	0.234506	1
cg06209432	CNN1;CCNN1;CCNN1	0.0190027	0.0134227	-2.1511	-2.1511	0.0350803	1.60169	1.60169	0.0372529	1.61226	1.61226	0.0523513	0.8907225	-1.12264	0.723381	0.89175	-1.12146	0.0179735	0.900983	-1.11009	0.0242485	0.651973	1.61947	0.981157	0.909859	-1.00352	0.0363042	0.791944	-1.26272	4.36505	2.92307	0.669907	1
cg22864416	CNN1;CCNN1;CCNN1	0.0252286	0.835178	0.951454	-1.05102	0.168123	0.704101	-1.42025	0.293854	1.29702	1.29702	0.777269	1.07009	1.07009	0.0478042	1.71687	1.71687	0.0080174	0.444205	-2.25121	0.0170399	0.499179	-2.00329	0.546043	1.15711	1.15711	0.0663106	1.63548	1.63548	4.34345	3.92447	0.803143	1
cg18040225	CNN1;CCNN1;CCNN1	0.0274554	0.449768	0.774682	-1.29085	0.2970063	1.43099	1.43099	0.252069	1.48823	1.48823	0.00841699	1.05126	1.05126	0.4372929	0.768872	-1.30061	0.6613784	1.18376	1.18376	0.0030954	0.527287	-1.89622	0.0269343	0.47981	0.47981	0.0069318	1.15306	1.15306	6.42791	2.93402	0.54498	1
cg17983430	CNN1;CCNN1;CCNN1	0.0284741	0.0279059	0.285545	-3.50208	0.155331	0.2338868	-4.18642	0.0751875	0.384495	-2.60081	0.262745	0.569324	-1.75647	0.0619804	0.362807	0.756529	0.0736382	0.382092	-2.61717	0.00230984	0.128236	-7.78011	0.41636	0.316426	0.0139698	0.378131	0.4306	15.3453	3.2765	1
cg00465198	CNN1;CCNN1;CCNN1	0.0103019	0.794042	1.01701	1.01701	0.0313807	0.704207	-1.42004	0.243027	0.843926	-1.18494	0.76342	1.04282	1.04282	0.0700472	0.754776	-1.3249	0.598503	0.928853	-1.0766	0.00361791	1.72807	1.72807	0.440789	1.11538	1.11538	0.164422	1.22881	1.22881	4.03795	1.23384	0.271611	1
cg26280044	CNN1;CCNN1;CCNN1;CCNN1;CCNN1;CCNN1	0.0161673	0.00778	0.737375	0.737375	0.0740407	0.0352201	1.84541	0.0355655	0.50727	0.50727	0.0075594	1.3184	1.3184	0.0215611	0.777767	0.777767	0.0102039	1.01	1.01	0.967244	1.03359	1.03359	0.9672443	1.03359	1.03359	0.9672443	1.03359	1.03359	0.9672443	1.03359	0.0	1
cg05739190	CNN2;CCNN1;CCNN1;CCNN1;CCNN1;CCNN1	0.0136245	0.972181	0.990546	-1.00954	0.0129437	2.25693	2.25693	0.582906	1.15759	1.15759	0.131444	1.5368	1.5368	0.388933	1.26236	1.26236	0.0011156	0.281691	-3.54999	0.549447	0.852298	-1.1733	?	?	?	0.600983	1.4994	1.4994	1.1494	5.4003	5.34259	0.980237	1
cg17178888	CNN2	0.0019473	0.0003139	4.2175278	4.2175278	0.0309402	2.55587	2.55587	1.79988	0.707375	2.09134	0.48134	?	?	?	0.203662	4.90837	0.0023216	0.168666	-2.71248	0.0113555	0.406016	-2.01606	0.0155946	0.703396	-1.42167	0.0118867	1.4918	1.4918	0.432014	2.31352	7.52926	3.25196	1
cg19742780	CNN1	0.00844276	0.851793	1.02557	1.02557	0.00930426	1.56116	1.56116	0.48677	1.10009	1.10009	0.652544	1.0631	1.0631	0.939777	1.01025	1.01025	0.357282	1.13634	1.13634	0.000469228	0.476061	-2.10057	0.0676588	0.758538	-1.31833	0.451736	1.10905	1.10905	6.23732	7.80048	0.256589	1
cg26307561	CNN1	0.0094118	0.470584	1.08914	1.08914	0.0644933	0.785372	-1.27328	0.763177	0.965479	-1.03576	0.152238	0.836606	-1.19531	0.210623	0.857747	-1.16585	0.114122	0.818780	-1.22132	0.0195736	1.3884	1.3884	0.000897564	0.56088	-1.78291	0.0883893	1.24445	1.24445	6.02607	1.20148	0.190503	1
cg12376916	CNN1	0.0116813	0.040255	2.452261	-2.2111	0.3068859	0.701718	-1.42507	0.329373	0.609725	-1.64052	0.856089	1.06267	1.06267	0.0032474	0.246114	-4.06315	0.0489493	0.47034	-2.12659	0.000832939	0.18558	-5.38851	0.51495	0.80164	-1.24744	0.0327256	0.643165	-2.30859	5.59149	9.92934	1.57848	1
cg06001786	CNN1	0.0172446	0.0048193	0.152346	-6.56401	0.0707423	0.36205	-2.76205	0.308805	0.58863	-1.69886	0.203003	0.508575	-1.96628	0.00744975	0.176604	-5.66238	0.0511554	0.32713	-3.05689	0.00205325	0.112461	-8.89199	0.187722	0.495388	-2.01862	0.0365065	0.29439	-3.39686	4.94578	19.8287	3.56375	1
cg03849657	CNN1	0.0047752	0.261069	0.871176	0.871176	0.04468	0.67695	0.67695	0.124641	1.54156	1.54156	0.1958523	1.78321	1.78321	0.0761043	1.23665	1.23665	0.2027614	1.77251	1.77251	0.0073232	2.133989	-4.67314	0.141627	0.510331	-1.95951	0.153715	0.523978	-1.90979	4.34394	12.5427	2.50072	1
cg07511407	CNN1;CCNN1	0.0251447	0.10327	0.666727	-1.49986	0.144997	0.170434	-1.42769	0.375681	0.813167	-1.22976	0.353446	0.797758	-1.25351	0.00882545	0.317955	3.1451	0.171196	0.717899	-1.39295	0.0634358	0.622014	-1.60768	0.406878	2.21289	1.21289	0.0304438	0.560669	-1.78358	4.34835	1.56375	0.7285	1
cg01965671	CNN1	0.0159363	0.751185	0.947523	-1.05538	0.0110522	0.58272	-1.71609	0.246393	0.814313	-1.22803	0.821029	1.03914	1.03914	0.074638	0.714261	-1.40005	0.68399	0.933006	-1.0718	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19754387	CCNYL1;CCNYL1	0.0449519	0.0228331	0.665543	-1.50253	0.967457	0.99392	-1.00612	0.0156391	1.55735	1.55735	0.935458	1.01218	1.01218	0.133674	0.785213	-1.27354	0.583089	0.920481	-1.08639	0.131591	0.78403	-1.27546	0.068863	0.737605	-1.35574	0.194784	1.22754	1.22754	3.52694	1.24809	0.314554	1
cg17842399	CCPG1;CCPG1	0.0171284	0.156384	0.513421	-1.94772	0.352138	1.52351	1.52351	0.848846	1.08752	1.08752	0.964646	1.01968	1.01968	0.0646937	0.401571	-2.49022	0.0562915	0.386585	-2.58676	0.000639875	0.099781	-10.0219	0.846133	0.918121	-1.08918	0.177861	1.8768	1.8768	4.95699	15.1787	2.72185	1
cg06584237	CCPG1;CCPG1	0.032199	0.477115	0.76621	-1.30512	0.0228546	0.366702	-2.72701	0.476998	1.30522	1.30522	0.671959	0.854781	-1.16989	0.111207	1.89496	1.89496	0.230781	0.629328	-1.589	0.00257008	0.214383	-4.66454	0.594016	0.820211	-1.2192	0.0648496	0.465875	-2.1465	3.98502	8.56511	1.91051	1
cg21304187	CCPG1;CCPG1;CCPG1;CCPG1	0.0142801	0.0452322	1.33212	1.33212	0.654988	0.945404	-1.05775	0.127939	1.22807	1.22807	0.0166148	0.694111	-1.44069	0.339854	1.13065	1.13065	0.0192257	0.702184	-1.42413	0.00779308	0.652827	-1.5318	0.184268	0.838778	-1.19221	0.191016	1.18866	1.18866	5.26546	1.29947	0.219371	1
cg12392104	CCPG1;MIR628;CCPG1	0.00566529	0.697843	0.860787	-1.16173	0.355207	0.693889	-1.44115	0.00358538	0.219672	-4.55224	0.668114	0.847276	-1.18025	0.0001687	0.0854819	-11.6984	0.794105	0.904386	-1.10572	0.605899	0.818748	-1.22138	0.481653	1.31629	1.31629	0.0223481	0.349305	-2.86282	7.06299	16.5158	2.07854	1
cg06026269	CCR1	2.59E-05	2.07E-05	0.255088	-3.92022	0.0963744	0.748018	-1.33687	3.49E-06	0.176471	-5.66666	0.198785	0.805776	-1.24104	0.362025	0.861571	-1.16067	1.54E-05	0.241018	-4.14907	0.764377	1.04897	1.04897	0.000356617	0.401977	-2.48771	0.000242181	0.380825	-2.62588	31.6432	12.6744	0.356036	1
cg09088625	CCR1	0.0040316	0.250521	0.78601	-1.27225	0.0545201	1.54872	1.54872	0.000124185	0.261413	-3.82536	0.535999	0.8819	-1.13391	0.114974	0.709137	-1.41017	0.250503	1.27226	1.27226	0.0926073	1.44938	1.44938	0.413799	1.18239	1.18239	0.269491	0.794057	-1.25936	7.83389	4.98942	0.566135	1
cg11589536	CCR1	0.0111322	0.440389	0.845583	-1.18262	0.347477	1.22901	1.22901	0.00061839	0.325208	-3.07496	0.105719	0.686112	-1.45749	0.378008	1.21266	1.21266	0.0651832	1.55476	1.55476	0.254428	0.775945	-1.28875	0.062254	1.56427	1.56427	0.344724	0.812643	-1.23055	5.71049	4.1098	0.639728	1
cg10499974	CCR1	0.0153228	0.672889	0.854486	-1.17029	0.340308	0.694944	-1.43896	0.000597945	0.140635	-7.1106	0.0260721	0.376113	-2.65877	0.00588266	0.263223	-3.79906	0.776089	0.899784	-1.11138	0.968779	1.0146	1.0146	0.441715	0.747886	-1.3371	0.112373	0.527236	-1.89669	5.14432	11.1735	1.93067	1
cg01297500	CCR1	0.0181563	0.596986	1.05302	1.05302	0.363435	1.09465	1.09465	0.0666955	0.819499	-1.22026	0.127426	0.852491	-1.17303	0.00148751	0.641692	-1.55838	0.792573	1.02585	1.02585	0.157351	1.15766	1.15766	0.0639202	0.817403	-1.22339	0.0314039	0.783176	-1.27685	4.86097	0.721687	0.131969	1
cg06864083	CCR10	0.00854458	0.0256262	2.52818	2.52818	0.00259194	4.30702	4.30702	0.013717	2.90399	2.90399	0.138704	1.74642	1.74642	0.683459	1.1542	1.1542	0.0107978	3.06539	3.06539	0.00132881	5.11802	5.11802	0.0136435	2.90749	2.90749	0.140253	1.74205	1.74205	6.21374	12.043	1.72278	1
cg01305736	CCR10	0.0251568	0.381305	0.538019	-1.85867	0.161089	2.81018	2.81018	0.0269773	6.09833	6.09833	0.0212799	6.75905	6.75905	0.54342	0.654049	-1.52894	0.957505	0.963885	-1.03747	0.00153371	23.2709	23.2709	0.926167	1.06607	1.06607	0.885184	1.10488	1.10488	4.34776	32.812	6.70834	1
cg03062002	CCR10	0.046129	0.218299	0.212175	-4.71309	0.23397	4.45423	4.45423	0.0547031	13.5869	13.5869	0.0483375	14.8958	14.8958	0.113043	0.126827	-7.88473	0.43382	2.60174	2.60174	0.00598395	73.8058	73.8058	0.58566	1.93295	1.93295	0.88303	1.19275	1.19275	3.49291	79.2966	20.1797	1
cg09509673	CCR10;CNTNAP1	0.00403956	0.0899268	1.9726	1.9726	0.0137166	3.02716	3.02716	0.915083	0.961976	-1.03953	0.00981599	3.27529	3.27529	0.487231	1.29245	1.29245	0.0410382	2.35587	2.35587	0.000881436	6.1218	6.1218	0.000931241	6.02634	6.02634	0.0036006	4.18922	4.18922	7.82923	16.3794	1.85963	1
cg11653233	CCR10;CNTNAP1	0.00982468	0.0225842	2.45227	2.45227	0.00894681	2.98097	2.98097	0.00146232	4.52408	4.52408	0.0198518	2.51866	2.51866	0.269052	0.685153	-1.45953	0.0944307	1.82926	1.82926	0.204625	0.644237	-1.55222	0.0682303	1.95564	1.95564	0.444355	1.29193	1.29193	5.94413	10.1583	1.51908	1
cg03107659	CCR10;CNTNAP1	0.0164663	0.0793705	1.26581	1.26581	0.930272	1.01065	1.01065	0.05302	1.30489	1.30489	0.574375	0.933623	-1.0711	0.0784205	1.26696	1.26696	0.0178572	1.41691	1.41691	0.00539562	0.641894	-1.55789	0.643562	0.945162	-1.05802	0.0777847	0.788803	-1.26774	5.02271	1.16538	0.206242	1
cg21759685	CCR2;CCR2	0.00241675	0.771677	1.05904	1.05904	0.926365	1.01839	1.01839	0.0400434	0.62635	-1.59655	0.204654	0.768066	-1.30197	0.000777848	0.366993	-2.72485	0.756397	1.06327	1.06327	0.000119479	0.265435	-3.76739	0.0128214	0.543676	-1.83933	0.242415	0.785683	-1.27278	9.12245	5.61598	0.547219	1
cg06280059	CCR2;CCR2	0.00317541	0.00729586	0.308747	-3.2389	0.903268	0.959543	-1.04216	0.0338389	0.431025	-2.32005	0.000249659	0.12838	-7.78938	0.00979653	0.329819	-3.03196	0.0103389	0.333784	-2.99595	0.00413378	0.270863	-3.69191	0.00563545	0.291096	-3.4353	0.0627594	0.491051	-2.03645	8.41477	15.3758	1.62422	1
cg07743747	CCR2;CCR2	0.0102425	0.403993	0.665115	-1.5035	0.00557697	0.17579	-5.6886	0.0145178	0.237408	-4.21216	0.0260284	0.283227	-3.53074	0.0193637	0.25913	-3.85907	0.451156	0.693068	-1.44286	0.00348	0.150522	-6.64354	0.00247019	0.133994	-7.46304	0.0503568	0.34464	-2.90158	5.86546	21.1856	3.21059	1
cg03928384	CCR2;CCR2	0.0213191	0.252493	0.550905	-1.81519	0.0650642	0.355873	-2.80999	0.0142895	0.221582	-4.513	0.00263167	0.125354	-7.97742	0.00597489	0.166542	-6.0045	0.0245372	0.262885	-3.80395	0.0563734	0.340396	-2.93776	0.124402	0.436125	-2.29292	0.134023	0.446636	-2.23896	4.60324	18.1376	3.50238	1
cg04110105	CCR2;CCR2;CCR2;CCR2	0.0110197	0.00973343	0.197093	-5.07376	0.326113	0.604366	-1.65463	0.0214165	0.253364	-3.94689	0.0617776	0.351741	-2.843	0.00299776	0.132421	-7.55166	0.0768559	0.376339	-2.65718	0.00250401	0.124228	-8.04969	0.0114161	0.207523	-4.81874	0.0259448	0.268997	-3.71751	5.72921	22.3849	3.47303	1
cg22573118	CCR3;CCR3;CCR3;CCR3	0.000161676	0.000836885	0.22922	-4.36262	0.15627	0.64115	-1.5597	3.03E-05	0.0915602	-10.9218	9.38E-05	0.129894	-7.69859	0.00145992	0.260001	-3.84614	0.000258682	0.17171	-5.82376	0.00371979	0.317114	-3.15344	0.000216442	0.16384	-6.10352	0.0840793	0.571105	-1.75099	19.4595	26.4726	1.20924	1
cg16427315	CCR3;CCR3;CCR3;CCR3	0.000332158	0.874293	0.95501	-1.04711	0.00362846	0.318414	-3.14057	0.00164121	0.269591	-3.70932	0.839149	0.94262	-1.06087	2.36E-05	0.0859672	-11.6323	0.00240484	0.292483	-3.419	0.720849	0.900936	-1.10996	0.000138436	0.147335	-6.78724	0.0298907	0.47574	-2.10199	15.9974	21.418	1.19008	1
cg11126313	CCR3;CCR3;CCR3;CCR3	0.000378565	0.217995	0.730077	-1.36972	0.0207915	0.508844	-1.96524	9.75E-05	0.186122	-5.37282	0.169248	0.700795	-1.42695	0.00102439	0.306753	-3.25995	0.0246978	0.522405	-1.91422	0.924198	0.97716	-1.02337	2.16E-05	0.125753	-7.95207	0.00969974	0.451856	-2.21309	15.4326	14.4063	0.829775	1
cg03050629	CCR3;CCR3;CCR3;CCR3	0.000381746	0.135975	0.743642	-1.34473	0.0768754	0.695795	-1.4372	1.25E-05	0.18331	-5.45523	0.0523907	0.665845	-1.50185	0.351669	0.838029	-1.19328	0.698416	1.07442	1.07442	0.127299	1.35527	1.35527	0.000164668	0.306003	-3.26795	0.0923919	0.710732	-1.407	15.3971	8.28785	0.478465	1
cg04116297	CCR3;CCR3;CCR3;CCR3	0.000711551	0.247726	1.15447	1.15447	0.013909	0.696862	-1.435	1.36E-05	0.339302	-2.94722	0.477431	0.917725	-1.08965	0.548354	0.930353	-1.07486	0.852532	1.02236	1.02236	0.200715	1.17426	1.17426	0.00410667	0.632798	-1.58028	0.564359	0.933085	-1.07171	12.9514	2.8979	0.198891	1
cg04111761	CCR3;CCR3;CCR3;CCR3	0.0013571	0.0375133	0.321323	-3.11213	0.000443113	0.0736317	-13.5811	0.0025323	0.139261	-7.18075	0.353376	0.638154	-1.56702	0.000650016	0.0854686	-11.7002	0.0168222	0.253558	-3.94387	0.000536934	0.0793993	-12.5946	0.0048385	0.172411	-5.80009	0.00797347	0.201935	-4.9521	10.7854	37.796	3.11499	1
cg24693555	CCR3;CCR3;CCR3;CCR3	0.0163203	0.556897	1.09568	1.09568	0.347387	0.861733	-1.16045	0.00318597	0.538259	-1.85784	0.639072	1.07536	1.07536	0.0826346	1.34398	1.34398	0.189051	1.23862	1.23862	0.0105881	1.6396	1.6396	0.252958	1.20158	1.20158	0.0453771	1.42336	1.42336	5.03764	1.88727	0.333008	1
cg25676156	CCR3;CCR3;CCR3;CCR3	0.0338285	0.0861974	0.519385	-1.92535	0.473912	0.777492	-1.28619	0.00285198	0.241989	-4.13243	0.907348	0.960566	-1.04105	0.144797	0.582054	-1.71805	0.51933	0.797931	-1.25324	0.468518	0.775018	-1.29029	0.00850118	0.313283	-3.192	0.0171989	0.366715	-2.72691	3.91497	7.40424	1.68112	1
cg14312439	CCR3;CCR3;CCR3;CCR3;CCR3;CCR3;CCR3;CCR3	0.0239398	0.702329	0.867771	-1.15238	0.0176362	0.344271	-2.90469	0.00918864	0.294745	-3.39276	0.21342	0.616362	-1.62242	0.908058	1.04359	1.04359	0.220488	1.60927	1.60927	0.0201348	2.81603	2.81603	0.090978	0.502738	-1.98911	0.15719	0.571923	-1.74849	4.42324	9.55674	1.92051	1
cg16752389	CCR4	0.00484903	0.603335	0.863628	-1.15791	0.0460493	0.527611	-1.89534	0.000667685	0.233091	-4.29018	0.811986	0.935527	-1.06892	0.00099071	0.25446	-3.9299	0.11139	0.615706	-1.62415	0.946705	1.01887	1.01887	0.0364057	0.506498	-1.97434	0.00339342	0.328256	-3.0464	7.40754	9.17678	1.10119	1
cg21366834	CCR4	0.00506267	0.0859002	0.610399	-1.63827	0.219447	0.714712	-1.39917	0.0538378	0.565874	-1.76718	0.930003	1.02311	1.02311	8.51E-05	0.15938	-6.2743	0.166707	0.681486	-1.46738	0.299547	1.32265	1.32265	0.948451	0.983324	-1.01696	0.0511677	0.561244	-1.78176	7.31073	7.83279	0.952365	1
cg07402639	CCR4	0.00778366	0.0677619	0.578236	-1.7294	0.00480806	0.367284	-2.72269	0.00152134	0.294584	-3.39461	0.015988	2.20255	2.20255	0.107363	0.624698	-1.60077	0.98002	1.00673	1.00673	0.240994	1.38903	1.38903	0.997922	0.999303	-1.0007	0.490463	0.829013	-1.20625	6.39906	7.26363	1.00899	1
cg23817981	CCR4	0.0469057	0.0227911	0.28012	-3.56989	0.0332087	0.312695	-3.198	0.108316	0.441278	-2.26615	0.0135668	0.240158	-4.16393	0.0412161	0.332947	-3.00348	0.292697	0.60063	-1.66492	0.00946584	0.215351	-4.64359	0.180437	0.514687	-1.94293	0.139747	0.476133	-2.10025	3.47104	11.9885	3.0701	1
cg00803692	CCR5;CCR5	0.00031496	0.390424	0.890721	-1.12269	0.0204427	0.692571	-1.44389	1.21E-05	0.296545	-3.37217	0.00830809	0.641685	-1.5584	0.00259041	0.577546	-1.73146	0.728572	0.955222	-1.04688	0.0628422	1.31683	1.31683	0.000439255	0.481797	-2.07556	0.185513	0.831425	-1.20275	16.2323	4.44546	0.243435	1
cg15239694	CCR5;CCR5	0.00234781	0.00576521	0.493804	-2.02509	0.383391	0.84002	-1.19045	0.0429772	0.634926	-1.57499	0.865037	1.03374	1.03374	0.000115211	0.267409	-3.73959	0.822632	1.04476	1.04476	0.104507	1.41353	1.41353	0.748109	1.06486	1.06486	0.00494572	0.483872	-2.06666	9.20031	5.54271	0.53551	1
cg07616471	CCR5;CCR5	0.00365334	0.0340851	0.413736	-2.417	0.143237	0.570441	-1.75303	0.00337213	0.241024	-4.14897	0.0113633	0.322769	-3.0982	0.000140493	0.0958134	-10.437	0.185877	0.60622	-1.64957	0.668546	0.857536	-1.16613	0.00615074	0.279313	-3.58021	0.0755073	0.493592	-2.02597	8.06947	16.2735	1.7926	1
cg03533561	CCR6	0.0152416	0.568241	0.859223	-1.16384	0.0775154	0.59679	-1.67563	0.00244983	0.329963	-3.03064	0.664791	0.891646	-1.12152	0.0240453	0.492634	-2.02991	0.72084	0.909927	-1.09899	0.00555575	0.383534	-2.60733	0.558297	0.85579	-1.16851	0.00419614	0.364635	-2.74247	5.15338	5.6482	0.974239	1
cg05540913	CCR6	0.0426329	0.844527	0.969262	-1.03171	0.00339393	1.88387	1.88387	0.532162	1.10585	1.10585	0.169857	1.26174	1.26174	0.0885858	1.34814	1.34814	0.336001	0.854063	-1.17087	0.0193802	1.56764	1.56764	0.193313	1.24469	1.24469	0.514377	0.900198	-1.11087	3.5973	1.44057	0.355964	1
cg01300631	CCR6;CCR6	8.44E-07	0.000111859	0.538507	-1.85698	6.40E-05	1.95415	1.95415	2.31E-06	0.349953	-2.85753	0.000578094	0.615529	-1.62462	1.48E-07	0.223611	-4.47205	0.0064706	0.724232	-1.38077	6.35E-07	0.288764	-3.46303	0.913287	0.990122	-1.00998	0.0160462	0.764451	-1.30813	76.5631	10.0719	0.116934	1
cg19668990	CCR6;CCR6	1.75E-05	0.0117256	0.497822	-2.00875	0.369778	0.815428	-1.22635	9.29E-06	0.119873	-8.34213	0.0525769	0.613722	-1.6294	0.00113034	0.345975	-2.89038	0.313183	0.793667	-1.25997	6.78E-07	0.0500859	-19.9657	0.622117	0.89579	-1.11633	5.53E-05	0.18972	-5.27094	35.0752	27.2612	0.690865	1
cg25641439	CCR6;CCR6	0.00162611	0.209927	1.19199	1.19199	5.27E-05	0.366429	-2.72904	0.00414923	0.600032	-1.66658	0.400445	0.891901	-1.1212	0.847291	0.9747	-1.02596	0.0030203	0.582555	-1.71658	0.996648	1.00056	1.00056	0.0533999	0.747031	-1.33863	0.331082	0.875207	-1.14259	10.2385	2.86476	0.248715	1
cg02548542	CCR6;CCR6	0.00384793	0.204897	0.763061	-1.31051	0.63235	1.10235	1.10235	0.0112139	0.526035	-1.90101	0.222463	0.771674	-1.29588	0.0310632	0.599486	-1.6681	0.937219	0.984201	-1.01605	9.14E-05	0.243406	-4.10836	0.167403	0.742663	-1.34651	0.00962597	0.51556	-1.93964	7.94467	5.14243	0.57536	1
cg05094429	CCR6;CCR6	0.00981555	0.757896	0.922363	-1.08417	0.563143	0.858309	-1.16508	0.00522092	0.381657	-2.62015	0.189253	0.69524	-1.43835	0.000531989	0.244225	-4.09458	0.133422	0.654988	-1.52675	0.0461025	0.550253	-1.81735	0.157908	1.48385	1.48385	0.745623	1.08881	1.08881	5.94589	6.43373	0.961819	1
cg15222091	CCR6;CCR6	0.011364	0.148251	0.766488	-1.30465	0.450292	1.141	1.141	0.103331	0.736745	-1.35732	0.156076	0.770892	-1.2972	0.862129	1.03026	1.03026	0.000406166	0.381511	-2.62116	0.0219728	0.624239	-1.60195	0.353961	0.849137	-1.17767	0.01347	0.591801	-1.68976	5.67262	2.64177	0.41396	1
cg01646461	CCR6;CCR6	0.0159351	0.166917	0.765398	-1.30651	0.0837231	1.41521	1.41521	0.215823	0.789507	-1.26661	0.0669836	0.688978	-1.45143	0.228959	1.25743	1.25743	0.606679	1.0988	1.0988	0.000835617	2.48968	2.48968	0.900618	0.977587	-1.02293	0.332175	1.19903	1.19903	5.07785	2.64744	0.46344	1
cg14192130	CCR6;CCR6	0.0320084	0.0222403	0.357118	-2.80019	0.0237844	0.362828	-2.75612	0.0110204	0.301734	-3.31418	0.250808	0.637075	-1.56967	0.00981871	0.293324	-3.4092	0.179723	0.585431	-1.70814	0.0344862	0.395916	-2.52579	0.057604	0.446294	-2.24068	0.0265068	0.372215	-2.68662	3.9935	8.92968	1.9876	1
cg13615963	CCR6;CCR6;CCR6	0.0338394	0.0171206	0.242099	-4.13054	0.135402	0.455865	-2.19363	0.00447441	0.157188	-6.36182	0.0679327	0.368626	-2.71278	0.013571	0.225171	-4.44107	0.0796812	0.386981	-2.58411	0.0815646	0.389751	-2.56574	0.0623656	0.359173	-2.78417	0.0533021	0.342466	-2.92	3.91452	14.7712	3.35417	1
cg26960939	CCR7	0.00106775	0.989507	0.997336	-1.00267	0.183013	1.33194	1.33194	0.000185128	0.277747	-3.6004	0.701163	0.924758	-1.08136	0.00138581	0.390468	-2.56103	0.996022	0.998989	-1.00101	0.608397	1.11053	1.11053	0.0002126	0.28497	-3.50914	0.608289	0.900442	-1.11057	11.5496	7.52801	0.579377	1
cg13504059	CCR7	0.00431587	0.0614366	0.454044	-2.20243	0.0412622	0.413868	-2.41623	0.00244071	0.205898	-4.85677	0.00228597	0.202276	-4.94373	0.011953	0.308758	-3.23878	0.0741255	0.474383	-2.108	0.000491963	0.12935	-7.73099	0.0229468	0.360779	-2.77178	0.0149881	0.326061	-3.06691	7.67427	17.0661	1.97672	1
cg07388018	CCR7	0.0106802	0.0156789	0.233628	-4.28031	0.0306165	0.287382	-3.47969	0.00276765	0.131845	-7.58465	0.0682404	0.367036	-2.72453	0.0324073	0.292428	-3.41965	0.0481297	0.329947	-3.03079	0.0012373	0.0984733	-10.155	0.0265501	0.275085	-3.63524	0.0769885	0.380847	-2.62572	5.78722	22.0881	3.39262	1
cg16047279	CCR7	0.0192247	0.446398	0.751347	-1.33094	0.786782	0.904956	-1.10503	0.00139462	0.181633	-5.5056	0.20449	0.610663	-1.63756	0.0380863	0.412482	-2.42435	0.526918	0.789665	-1.26636	0.759801	0.893187	-1.11959	0.00210429	0.20328	-4.91933	0.268988	0.654385	-1.52815	4.76806	10.2462	1.91014	1
cg07248223	CCR7	0.0223482	0.138155	0.628249	-1.59172	0.126985	0.618423	-1.61702	0.00355163	0.316512	-3.15944	0.00888159	0.379258	-2.63673	0.757467	0.913758	-1.09438	0.386474	0.772221	-1.29497	0.914547	1.03175	1.03175	0.00368096	0.318825	-3.13652	0.145389	0.634306	-1.57653	4.52945	6.08153	1.19348	1
cg17067993	CCR7;CCR7	0.000138067	0.157307	0.779077	-1.28357	0.0367629	0.669991	-1.49256	3.35E-06	0.163545	-6.11452	0.418576	0.872456	-1.14619	0.141202	0.770122	-1.2985	0.952126	1.00996	1.00996	0.269575	1.20899	1.20899	0.000335369	0.384901	-2.59807	0.000505899	0.407727	-2.45262	20.3052	8.76324	0.383623	1
cg13312458	CCR8	9.84E-06	0.742901	0.925837	-1.0801	0.442362	1.20127	1.20127	1.10E-05	0.111781	-8.94609	0.502438	0.852701	-1.17274	8.57E-06	0.103694	-9.64375	0.000707901	0.298801	-3.34671	8.09E-07	0.0453961	-22.0283	0.0002089	0.233998	-4.27354	0.141093	0.690348	-1.44854	40.7368	35.3604	0.771574	1
cg11492964	CCR8	0.00119623	0.0188409	0.573986	-1.7422	0.761156	0.942248	-1.06129	0.000747987	0.368548	-2.71335	0.0464988	0.640883	-1.56035	5.36E-05	0.229877	-4.35016	0.592554	0.899963	-1.11116	0.0016019	0.413437	-2.41875	0.0983133	0.702034	-1.42443	0.780631	0.946981	-1.05599	11.1818	6.74256	0.535993	1
cg06598794	CCR8	0.00689493	0.0301941	0.418283	-2.39073	0.0541116	2.1118	2.1118	0.0120663	0.342869	-2.91657	0.00879999	0.319566	-3.12924	0.0552941	0.475709	-2.10212	0.179804	0.614359	-1.62771	0.00178204	0.218525	-4.57613	0.00947374	0.324903	-3.07784	0.108753	0.549802	-1.81884	6.64637	12.3098	1.64632	1
cg06494037	CCR8	0.0337215	0.758724	0.94005	-1.06377	0.207472	0.765881	-1.30569	0.143202	0.729281	-1.37121	0.810841	1.04929	1.04929	0.352506	1.21165	1.21165	0.00514967	0.476471	-2.09876	0.0155096	1.81437	1.81437	0.129077	0.719568	-1.38972	0.646188	1.09719	1.09719	3.91944	2.49948	0.566856	1
cg12924224	CCR8	0.0368249	0.535865	0.703383	-1.4217	0.496894	1.47275	1.47275	0.0188821	0.202698	-4.93345	0.0173789	0.196798	-5.08135	0.00502592	0.124577	-8.02718	0.101581	0.36568	-2.73463	0.46273	0.657347	-1.52127	0.127204	0.396234	-2.52376	0.0451718	0.275324	-3.63209	3.79642	18.9397	4.43453	1
cg09033997	CCR9;CCR9	0.000589767	0.000945358	0.21712	-4.60575	0.0646507	0.52575	-1.90205	0.000537453	0.188603	-5.30216	0.000545432	0.189315	-5.28219	0.00603058	0.329106	-3.03854	0.00117241	0.228649	-4.37352	0.0524135	0.504932	-1.98047	8.72E-05	0.113058	-8.84504	0.0126381	0.382731	-2.6128	13.6492	20.746	1.35106	1
cg00786084	CCR9;CCR9	0.00135715	0.151294	0.614902	-1.62628	0.646102	1.15745	1.15745	0.00465769	0.304187	-3.28745	0.921092	0.96915	-1.03183	2.79E-05	0.0736684	-13.5743	0.012817	0.376214	-2.65806	0.884215	0.954962	-1.04716	0.281853	0.70209	-1.42432	0.0103063	0.359772	-2.77954	10.7853	17.0843	1.40803	1
cg03830490	CCR9;CCR9	0.00784927	0.0380929	0.403545	-2.47804	0.0153329	0.325156	-3.07545	0.00552702	0.25247	-3.96087	0.295229	1.50645	1.50645	0.0161866	0.329428	-3.03557	0.0337227	0.392157	-2.55	0.00173282	0.185143	-5.40123	0.0361794	0.398691	-2.50821	0.0160192	0.328605	-3.04317	6.38221	14.403	2.006	1
cg27198997	CCR9;CCR9	0.0169977	0.0162049	0.237458	-4.21127	0.0150293	0.231941	-4.31144	0.0066017	0.17832	-5.60791	0.34078	0.618821	-1.61598	0.0100087	0.203993	-4.90213	0.0771614	0.382622	-2.61354	0.0143697	0.228706	-4.37242	0.0118217	0.215076	-4.64952	0.032461	0.294056	-3.40071	4.96971	18.8124	3.36482	1
cg17642041	CCR9;CCR9	0.0185605	0.896252	1.0232	1.0232	0.746688	0.944625	-1.05862	0.00415516	0.509014	-1.96458	0.301641	0.82853	-1.20696	0.00673238	0.539241	-1.85446	0.0273287	0.631945	-1.58242	0.050728	1.47888	1.47888	0.935494	0.985873	-1.01433	0.106936	0.733925	-1.36254	4.82504	2.36098	0.434949	1
cg06519172	CCR9;CCR9	0.0208756	0.243467	0.793937	-1.25955	0.401293	0.850077	-1.17636	0.0050776	0.49641	-2.01446	0.0932329	0.705306	-1.41783	0.366552	0.839128	-1.19171	0.181663	0.764851	-1.30744	0.0148355	1.76245	1.76245	0.0148043	0.567246	-1.7629	0.141697	0.741741	-1.34818	4.63642	2.62508	0.503277	1
cg10475172	CCR9;CCR9	0.047435	0.340304	0.781364	-1.27981	0.73824	1.08785	1.08785	0.104093	0.640108	-1.56224	0.170352	1.4428	1.4428	0.0191192	0.490691	-2.03794	0.0483301	0.567559	-1.76193	0.385103	1.25051	1.25051	0.0169256	0.481256	-2.0779	0.12217	0.656666	-1.52284	3.45639	3.45017	0.887291	1
cg04431788	CCRL1;CCRL1;ACAD11	0.0331387	0.014968	0.313829	-3.18645	0.197723	0.590119	-1.69457	0.103821	0.502061	-1.99179	0.443696	0.738951	-1.35327	0.00343983	0.214537	-4.66121	0.151545	0.55142	-1.8135	0.0178575	0.327803	-3.05061	0.375617	1.42227	1.42227	0.170561	0.568159	-1.76007	3.94411	9.37431	2.1127	1
cg14749678	CCRL2;CCRL2	0.00566751	0.960224	0.990151	-1.00995	0.000375496	3.09125	3.09125	0.661463	1.09139	1.09139	0.748737	1.06586	1.06586	0.0785594	0.678564	-1.4737	0.780545	0.946077	-1.057	0.11143	0.70885	-1.41073	0.00457944	0.47276	-2.11524	0.867158	1.03378	1.03378	7.06214	4.4056	0.554519	1
cg05670596	CCRL2;CCRL2	0.0128437	0.886793	1.04161	1.04161	0.937025	0.97764	-1.02287	0.00698265	0.368409	-2.71437	0.00188085	0.28327	-3.5302	0.00187383	0.283047	-3.53298	0.100554	0.597617	-1.67331	0.200591	0.67917	-1.47239	0.544589	0.83904	-1.19184	0.468315	0.809634	-1.23513	5.45164	7.07152	1.15301	1
cg23350385	CCRL2;CCRL2	0.0398148	0.185571	0.641054	-1.55993	0.462613	0.789112	-1.26725	0.00104593	0.215093	-4.64916	0.0309881	0.448337	-2.23047	0.322668	0.723542	-1.38209	0.369617	0.746872	-1.33892	0.119602	0.585699	-1.70736	0.117653	0.58376	-1.71303	0.0877272	0.550458	-1.81667	3.68944	5.86287	1.41253	1
cg18599081	CCRL2;CCRL2	0.0485342	0.794021	0.915685	-1.09208	0.160759	0.603915	-1.65586	0.00169246	0.220911	-4.5267	0.0475414	0.4663	-2.14454	0.740084	1.11859	1.11859	0.581443	1.20615	1.20615	0.550824	1.22528	1.22528	0.837716	1.07148	1.07148	0.306977	0.700463	-1.42763	3.42659	6.14979	1.59531	1
cg04702527	CCRN4L	0.00422453	0.0345773	0.611639	-1.63495	0.4307	1.17405	1.17405	0.695046	1.08177	1.08177	0.116497	1.40531	1.40531	0.00419461	0.465275	-2.14927	0.279199	1.25163	1.25163	0.000330894	0.314684	-3.17779	0.727331	0.932548	-1.07233	0.0375748	0.617984	-1.61816	7.72409	4.86872	0.560293	1
cg17302176	CCRN4L	0.0214635	0.756923	0.961536	-1.04	0.0143176	1.46452	1.46452	0.00796	1.26538	1.26538	0.482879	1.09428	1.09428	0.788585	1.03454	1.03454	0.245312	0.857682	-1.16593	0.00320003	0.60146	-1.66262	0.073015	0.776772	-1.28738	0.741728	1.04267	1.04267	4.59263	1.16086	0.22468	1
cg15599147	CCS;CCDC87	0.00432016	0.0373367	3.41689	3.41689	0.469627	1.45362	1.45362	0.347462	1.63542	1.63542	0.00857138	0.181759	-5.50179	0.48486	1.43466	1.43466	0.000579132	0.0667569	-14.9797	0.0144134	4.63412	4.63412	0.36572	1.60408	1.60408	0.312395	1.70124	1.70124	7.67196	31.4157	3.63988	1
cg25055520	CCT2	1.66E-05	0.379432	0.833008	-1.20047	0.000382169	0.316882	-3.15575	0.000279146	0.299831	-3.33521	0.00069121	0.350122	-2.85615	0.000248158	0.293548	-3.4066	0.000224529	0.28825	-3.46921	4.43E-07	0.0553608	-18.0633	0.849482	1.03925	1.03925	0.000260918	0.296219	-3.37589	35.5714	23.1327	0.578058	1
cg20224311	CCT2	0.019383	0.435532	1.30538	1.30538	0.341724	0.72024	-1.38843	0.243752	1.50464	1.50464	0.626399	0.848456	-1.17861	0.000664309	0.174526	-5.72979	0.322087	0.709884	-1.40868	0.0196476	0.388997	-2.57072	0.258852	0.673934	-1.48382	0.70878	1.13392	1.13392	4.75484	8.45042	1.57976	1
cg00040646	CCT2	0.0442407	0.405467	0.850751	-1.17543	0.263717	1.24764	1.24764	0.0303096	1.62187	1.62187	0.925131	1.01801	1.01801	0.211446	0.778795	-1.28403	0.0379602	0.63321	-1.57925	0.0286741	0.61253	-1.63257	0.254818	1.25331	1.25331	0.120398	1.37701	1.37701	3.54803	2.02659	0.507722	1
cg05532239	CCT3;C1orf182;CCT3;CCT3	2.74E-05	0.00128331	0.396761	-2.52041	0.370229	0.834256	-1.19867	0.00116883	0.391212	-2.55616	0.554582	0.888951	-1.12492	8.73E-07	0.0761204	-13.1371	2.57E-05	0.193425	-5.16996	0.0020454	0.424912	-2.35343	0.0969445	1.43162	1.43162	0.0244086	0.589683	-1.69583	31.1986	19.1642	0.546013	1
cg26334428	CCT3;C1orf182;CCT3;CCT3	0.00263097	0.0139137	0.441951	-2.26269	0.00392033	2.88258	2.88258	0.107226	0.629382	-1.58886	0.00128556	3.66075	3.66075	0.986043	0.995466	-1.00455	0.77841	0.929309	-1.07607	0.00166175	0.289353	-3.45599	0.545885	0.852937	-1.17242	0.364191	0.784078	-1.27538	10.5217	11.0089	0.813798	1
cg18993334	CCT3;C1orf182;CCT3;CCT3	0.0057335	0.0199193	0.653472	-1.53029	0.0109649	0.616725	-1.62147	0.225719	1.21244	1.21244	0.173032	0.80289	-1.2455	0.00593195	0.579913	-1.7244	0.107608	0.766534	-1.30457	0.00318162	0.543381	-1.84033	0.0190827	0.650792	-1.53659	0.00155628	0.502249	-1.99104	7.03703	2.55508	0.322748	1
cg01076200	CCT3;C1orf182;CCT3;CCT3	0.0347297	0.26653	1.67799	1.67799	0.0270545	0.29264	-3.41717	0.401767	0.683038	-1.46405	0.931381	0.96277	-1.03867	0.319639	1.5816	1.5816	0.0386073	0.327896	-3.04975	?	?	?	0.0820033	2.41494	2.41494	0.0163508	4.03776	4.03776	4.86993	12.6702	1.95129	1
cg04856841	CCT3;CCT3;C1orf182;CCT3	0.0300324	0.657931	0.938714	-1.06529	0.244473	0.841298	-1.18864	0.730587	1.05028	1.05028	0.65463	1.06599	1.06599	0.0916918	0.768315	-1.30155	0.0178498	0.664536	-1.50481	0.0348117	0.705287	-1.41786	0.539733	1.09211	1.09211	0.00757623	1.62826	1.62826	4.08527	1.30331	0.28358	1
cg00458927	CCT4	1.00E-05	0.219766	0.868513	-1.15139	0.0177635	0.729857	-1.37013	0.590181	0.94233	-1.0612	0.446278	0.918683	-1.08851	0.000403878	0.54094	-1.84863	0.0184249	0.731709	-1.36666	0.000286727	0.523702	-1.90948	0.43886	1.09009	1.09009	1.05E-07	0.152961	-6.53761	40.5481	7.66477	0.168026	1
cg03017863	CCT4	0.000482013	0.209472	0.662746	-1.50887	0.474949	1.25351	1.25351	0.958473	0.983937	-1.01632	2.31E-05	0.0718894	-13.9103	0.762633	0.910101	-1.09878	0.405727	1.30282	1.30282	0.136566	1.64671	1.64671	0.0814131	0.54844	-1.82335	0.000156041	0.133563	-7.48712	14.4364	22.112	1.3615	1
cg15345388	CCT4	0.00123374	0.087219	0.686475	-1.45672	0.660625	1.092	1.092	0.975769	1.00607	1.00607	0.242813	0.783886	-1.2757	0.00317431	0.448063	-2.23183	0.00946933	0.519457	-1.92509	0.00056444	0.344854	-2.89978	0.555034	1.12629	1.12629	8.83E-05	0.246758	-4.05256	11.0837	6.96634	0.558687	1
cg07150506	CCT4	0.0093191	0.92117	0.972232	-1.02856	0.256217	0.713786	-1.40098	0.481717	0.815915	-1.22562	0.123796	0.622377	-1.60674	0.805806	1.07259	1.07259	0.000776503	0.235302	-4.24987	0.0064846	0.3654	-2.73673	0.0384452	1.97844	1.97844	0.296849	1.36031	1.36031	6.04508	7.74919	1.13947	1
cg12289617	CCT5	1.39E-05	0.000201399	0.231518	-4.31931	4.38E-05	0.162367	-6.15887	4.65E-05	0.164785	-6.0685	0.000429711	0.270649	-3.69482	9.99E-06	0.10813	-9.24816	0.314792	0.783624	-1.27612	1.96E-06	0.0632458	-15.8113	0.0003367	0.257718	-3.88022	0.000120704	0.206851	-4.8344	37.2398	32.4513	0.77459	1
cg01614738	CCT5	0.00203657	0.00693598	0.123204	-8.11664	0.00503693	0.10825	-9.23791	0.00458741	0.104176	-9.5991	0.0403095	0.241774	-4.1361	0.00449805	0.103336	-9.6772	0.0116798	0.151277	-6.61041	0.00015353	0.0204653	-48.8632	0.00803183	0.130617	-7.656	0.00693446	0.123193	-8.11735	9.59111	54.5647	5.05697	1
cg17446264	CCT5	0.0065673	0.758984	0.958247	-1.04357	0.671497	0.942594	-1.0609	0.926583	1.01285	1.01285	0.724184	1.05033	1.05033	0.00322261	0.572906	-1.74549	0.028819	0.699588	-1.42941	0.000505058	0.470765	-2.1242	0.0732116	1.31901	1.31901	0.145901	0.805443	-1.24155	6.74777	2.05261	0.270393	1
cg09062663	CCT5	0.0463833	0.0875822	0.685368	-1.45907	0.0629841	0.657677	-1.5205	0.885404	1.02931	1.02931	0.00857678	0.510829	-1.9576	0.110619	0.705893	-1.41665	0.525041	0.878941	-1.13773	0.0363682	1.62808	1.62808	0.517707	1.14042	1.14042	0.796489	0.949541	-1.05314	3.4857	2.21579	0.565049	1
cg16989248	CCT6A;PSPH;CCT6A	0.000475244	0.058275	0.59479	-1.68127	0.0331365	0.546225	-1.83075	0.334368	0.785273	-1.27344	0.70448	0.911636	-1.09693	0.000765978	0.29014	-3.44661	0.669557	1.10985	1.10985	0.000975438	0.303912	-3.29042	0.0169094	0.492912	-2.02876	1.42E-05	0.111304	-8.98444	14.4931	13.5301	0.829827	1
cg21136491	CCT6A;PSPH;CCT6A	0.00712252	0.864743	0.98016	-1.02024	0.244317	1.15393	1.15393	0.00883658	1.47964	1.47964	0.327856	0.888059	-1.12605	0.518688	1.07994	1.07994	0.0572427	1.28768	1.28768	0.000878202	0.556374	-1.79735	0.035451	0.749888	-1.33353	0.483912	1.08722	1.08722	6.5794	1.43972	0.194508	1
cg06674873	CCT6A;SNORA15;CCT6A	0.0172424	0.00442624	0.46909	-2.13179	0.00216515	0.424078	-2.35805	0.0249155	0.587476	-1.7022	0.101506	0.69955	-1.42949	0.0115524	0.532893	-1.87655	0.245877	0.785156	-1.27363	0.0968219	0.695407	-1.43801	0.44577	0.856501	-1.16754	0.039868	0.62284	-1.60555	4.94599	3.1113	0.559159	1
cg19098690	CCT6A;SUMF2;SUMF2;SUMF2;CCT6A;SUMF2;SUMF2	0.0346022	0.673843	0.929036	-1.07639	0.0780193	0.711414	-1.40565	0.0300043	0.641542	-1.55875	0.0147656	0.593504	-1.68491	0.2471	1.23422	1.23422	0.25568	1.22916	1.22916	0.723441	1.06373	1.06373	0.419215	1.15433	1.15433	0.0299965	1.55879	1.55879	3.88315	1.85957	0.425672	1
cg10233953	CCT6A;SUMF2;SUMF2;SUMF2;CCT6A;SUMF2;SUMF2	0.0414122	0.177841	1.44664	1.44664	0.177736	1.44678	1.44678	0.42243	1.23529	1.23529	0.0543803	1.75579	1.75579	0.245102	0.730864	-1.36824	0.0043966	2.66618	2.66618	0.0626207	0.582572	-1.71653	0.527384	1.17955	1.17955	0.9	0.968101	-1.03295	3.63626	3.82968	0.936171	1
cg25029315	CCT6B;CCT6B;ZNF830	0.0138822	0.0186076	0.632948	-1.57991	0.119607	1.31092	1.31092	0.571584	1.09598	1.09598	0.100841	0.749698	-1.33387	0.0223054	0.644671	-1.55118	0.0824312	0.734623	-1.36124	0.0113572	0.601652	-1.66209	0.287776	1.19355	1.19355	0.03644	1.4767	1.4767	5.31462	2.16314	0.361793	1
cg00367659	CCT6B;ZNF830	0.0394507	0.0910515	0.803731	-1.2442	0.0488586	1.30218	1.30218	0.00388524	1.57842	1.57842	0.767707	0.965829	-1.03538	0.509815	0.924519	-1.08164	0.807557	0.971761	-1.02906	0.248479	0.867963	-1.15212	0.254315	0.869601	-1.14995	0.284719	1.13933	1.13933	3.70192	0.807829	0.193972	1
cg24911837	CCT6P1	1.90E-05	0.0743869	0.686017	-1.45769	0.736319	1.06616	1.06616	0.0247304	0.602393	-1.66005	0.0010581	0.399338	-2.50414	0.0088812	0.531929	-1.87995	0.680397	1.08168	1.08168	2.35E-07	0.0530116	-18.8638	0.104401	0.71426	-1.40005	0.000131842	0.284387	-3.51634	34.3278	19.5376	0.505909	1
cg16890606	CCT6P1	0.000347298	0.0498251	0.543651	-1.83942	0.206927	0.695878	-1.43703	0.00230489	0.313432	-3.19049	0.0104833	0.415805	-2.40497	5.69E-06	0.0617124	-16.2042	0.289794	0.741336	-1.34892	0.0667885	1.75039	1.75039	0.168482	0.67049	-1.49145	0.0555322	0.553717	-1.80598	15.8029	18.5728	1.04469	1
cg03931927	CCT6P1	0.000788992	0.8273	1.03608	1.03608	0.947539	1.01073	1.01073	0.836687	0.967067	-1.03405	0.339778	0.852467	-1.17307	0.0390527	0.67874	-1.47332	0.38907	0.866575	-1.15397	6.87E-06	0.198372	-5.04103	0.697367	0.938566	-1.06545	0.0839075	0.733222	-1.36384	12.581	5.24476	0.370558	1
cg20303360	CCT6P1	0.0123384	0.664789	1.09224	1.09224	0.0130966	0.53645	-1.86411	0.0145541	0.543856	-1.83872	0.205833	1.31008	1.31008	0.0874814	0.682639	-1.4649	0.00398388	0.456845	-2.18893	0.0227019	0.575806	-1.7367	0.232739	1.2882	1.2882	0.0650757	0.657579	-1.52073	5.52337	3.58291	0.576606	1
cg10408731	CCT6P1	0.0154873	0.758946	0.942321	-1.06121	0.0982769	0.704688	-1.41907	0.0285	1.64694	1.64694	0.876225	0.970363	-1.03054	0.545381	0.888585	-1.12539	0.00492182	0.487209	-2.05251	0.288979	1.23671	1.23671	0.822841	1.04423	1.04423	0.00337778	0.463286	-2.1585	5.12614	3.02466	0.524485	1
cg20786221	CCT6P1	0.0194625	0.164398	0.792721	-1.26148	0.0048181	1.79605	1.79605	0.504776	1.11179	1.11179	0.250412	1.2069	1.2069	0.0399276	1.45039	1.45039	0.0108518	0.606001	-1.65016	0.386327	0.870186	-1.14918	0.249073	0.828091	-1.2076	0.837342	1.03271	1.03271	4.74825	1.84366	0.34514	1
cg07809470	CCT6P1	0.0271259	0.0857055	0.80469	-1.24272	0.574925	1.06697	1.06697	0.73606	1.03946	1.03946	0.136508	1.20144	1.20144	0.00394192	1.55847	1.55847	0.0386892	0.760386	-1.31512	0.172897	0.847097	-1.1805	0.277543	1.13791	1.13791	0.246142	0.870434	-1.14885	4.23475	0.877852	0.184264	1
cg26478621	CCT7;CCT7;CCT7;C2orf7;CCT7;CCT7;CCT7	0.00961908	0.00400768	0.395111	-2.53093	0.32347	1.27748	1.27748	0.706105	0.913042	-1.09524	0.00377781	0.391234	-2.55602	0.0226514	0.519281	-1.92574	0.899587	0.97014	-1.03078	0.0023167	0.359928	-2.77833	0.525174	0.856741	-1.16721	0.807808	1.06027	1.06027	5.98438	5.4657	0.811846	1
cg12972213	CCT7;CCT7;CCT7;CCT7;C2orf7;CCT7;CCT7	0.00996812	0.100421	1.14959	1.14959	0.776848	1.02226	1.02226	0.0977306	1.15112	1.15112	0.435433	0.940222	-1.06358	0.482639	1.05683	1.05683	0.882197	0.98858	-1.01155	0.00350721	0.735843	-1.35899	0.0226576	0.809474	-1.23537	0.00467573	1.33816	1.33816	5.91666	0.56228	0.0844741	1
cg13890435	CCT7;CCT7;CCT7;CCT7;C2orf7;CCT7;CCT7	0.0161876	?	?	?	0.56241	0.873241	-1.14516	0.0741629	0.63096	-1.58489	0.882142	0.96625	-1.03493	0.00154549	0.348604	-2.86858	0.862037	1.04108	1.04108	0.00766396	0.452403	-2.21042	0.0137853	0.494327	-2.02295	0.205728	0.734223	-1.36198	5.14621	3.88042	0.754034	1
cg22160784	CCT7;CCT7;CCT7;CCT7;C2orf7;CCT7;CCT7	0.0441162	0.778815	1.21373	1.21373	0.923073	1.0687	1.0687	0.910165	1.08074	1.08074	0.0207413	0.147278	-6.78986	0.0558915	0.225381	-4.43693	0.171845	0.367676	-2.71979	0.0928006	3.56888	3.56888	0.752144	1.24353	1.24353	0.0152515	7.76573	7.76573	3.55177	26.6205	6.66223	1
cg03317826	CCT7;CCT7;CCT7;CCT7;CCT7;C2orf7;CCT7	0.00800566	0.0598019	0.754331	-1.32568	0.824266	0.970909	-1.02996	0.0532832	0.747185	-1.33836	0.941191	0.990254	-1.00984	0.115752	0.796967	-1.25476	0.157954	0.818411	-1.22188	0.000691778	0.502885	-1.98853	0.00281325	0.579078	-1.72688	0.10871	1.26141	1.26141	6.34274	1.77002	0.248056	1
cg15777261	CCT7;CCT7;CCT7;CCT7;CCT7;CCT7	0.00618919	0.00708236	0.118311	-8.45231	0.0283484	0.204426	-4.89175	0.85504	0.893888	-1.11871	0.0410186	0.235421	-4.24771	0.00923268	0.131745	-7.59043	0.0576396	0.267994	-3.73143	0.00143199	0.0591179	-16.9153	0.00193964	0.0679082	-14.7258	0.0111232	0.141944	-7.04503	6.87291	40.9547	5.29677	1
cg07135469	CCT7;CCT7;CCT7;CCT7;CCT7;CCT7	0.0479121	0.0555064	0.391627	-2.55345	0.0511969	0.383228	-2.60941	0.226457	0.577759	-1.73083	0.400452	0.689503	-1.45032	0.0212083	0.302195	-3.30912	0.0634422	0.405935	-2.46345	0.0286384	0.327833	-3.05033	0.206708	1.77759	1.77759	0.0296404	0.33089	-3.02215	3.44335	10.1759	2.62687	1
cg05481445	CCT8	0.000109142	0.972457	1.00167	1.00167	0.467372	0.964912	-1.03636	3.01E-05	1.48319	1.48319	0.153274	0.928802	-1.07666	0.0697735	1.1029	1.1029	0.00120441	0.795283	-1.25741	0.0252561	0.879414	-1.13712	0.000248993	1.33912	1.33912	0.000338884	1.3217	1.3217	21.6281	0.799089	0.0328416	1
cg12012356	CCT8	0.0103963	0.0239034	0.647436	-1.54455	0.408969	1.14594	1.14594	0.860412	1.0288	1.0288	0.495899	1.11799	1.11799	0.35627	0.858079	-1.16539	0.907578	1.01891	1.01891	0.000377721	0.399929	-2.50044	0.0154593	0.619253	-1.61485	0.997965	1.00041	1.00041	5.83749	2.4057	0.366322	1
cg23817292	CCT8	0.0290296	0.764452	1.15007	1.15007	0.00145409	8.50003	8.50003	0.0076619	4.9274	4.9274	0.46716	1.41096	1.41096	0.570377	0.76578	-1.30586	0.69326	0.831552	-1.20257	0.708325	0.83957	-1.19109	0.167609	1.98257	1.98257	0.834369	1.10233	1.10233	4.13474	14.1781	3.04802	1
cg20466045	CCT8;CCT8	0.00132038	0.0161315	1.33597	1.33597	0.00161623	0.640982	-1.56011	0.00717625	0.710678	-1.40711	0.409068	1.08663	1.08663	0.0104157	1.37354	1.37354	0.185765	1.14804	1.14804	0.00045279	1.72272	1.72272	0.83249	1.02106	1.02106	0.475648	1.07398	1.07398	10.8705	1.66691	0.136304	1
cg23041071	CCT8;CCT8	0.020618	0.238052	0.819189	-1.22072	0.785195	1.04507	1.04507	0.141976	0.775085	-1.29018	0.0191716	0.632957	-1.57989	0.0245901	1.5404	1.5404	0.047421	1.44194	1.44194	0.00893215	0.584642	-1.71045	0.573455	0.91229	-1.09614	0.281803	0.834853	-1.19782	4.65609	1.92038	0.366617	1
cg12888097	CCT8L2	0.0160354	0.0038802	0.306497	-3.26267	0.180556	1.54083	1.54083	0.0143931	0.399629	-2.50232	0.705224	1.12249	1.12249	0.0262114	0.448499	-2.22966	0.832735	0.93772	-1.06642	0.00653284	0.341488	-2.92836	0.80271	1.07909	1.07909	0.655147	0.872248	-1.14646	5.06726	7.41928	1.30147	1
cg21541341	CD101	0.000961397	0.0169429	0.737929	-1.35514	0.385402	1.0973	1.0973	0.0562728	1.25302	1.25302	0.0112079	1.3932	1.3932	0.00116927	0.608217	-1.64415	0.000645874	0.579176	-1.72659	0.00527248	1.4679	1.4679	0.484091	1.07702	1.07702	0.098167	0.827552	-1.20838	11.8985	2.05179	0.15328	1
cg12059848	CD101	0.00119723	0.00269909	0.37794	-2.64592	0.00187794	0.355283	-2.81466	0.00151877	0.342355	-2.92095	0.0069146	2.27178	2.27178	0.0511358	0.59371	-1.68432	0.0929279	0.647969	-1.54328	0.0401012	0.57304	-1.74508	0.00948515	2.163	2.163	0.246518	0.752422	-1.32904	11.1791	9.75535	0.775678	1
cg08920071	CD101	0.00133353	0.00639263	0.409568	-2.4416	0.0950696	1.58635	1.58635	0.38147	0.797862	-1.25335	0.0071841	0.41769	-2.39412	4.39E-05	0.142351	-7.02487	0.798694	1.0664	1.0664	0.694932	0.905605	-1.10423	0.0344517	0.537672	-1.85987	0.0198374	0.492851	-2.02901	10.8397	10.8651	0.89097	1
cg08058560	CD101	0.00193995	0.18389	0.7553	-1.32398	0.0179235	0.564011	-1.77302	0.0180731	0.564603	-1.77116	0.00298124	0.44437	-2.25038	0.840301	1.04098	1.04098	0.0343932	1.63432	1.63432	0.00062407	2.85055	2.85055	0.513015	1.14118	1.14118	0.0342272	0.61151	-1.6353	9.72787	6.10558	0.5579	1
cg01606773	CD109;CD109;CD109	0.000261052	0.000141611	0.101914	-9.81222	0.836365	0.930586	-1.07459	0.00266507	0.235731	-4.24212	0.00366063	0.254873	-3.92353	0.0015079	0.20386	-4.90533	0.0915872	0.52404	-1.90825	1.94E-05	0.0490505	-20.3872	0.0131724	0.343309	-2.91282	0.000762719	0.169649	-5.89454	17.0872	32.7443	1.70338	1
cg00439709	CD109;CD109;CD109	0.00036857	0.0227576	0.602192	-1.6606	0.036035	0.635264	-1.57415	0.0455982	0.652791	-1.53188	0.283	1.23066	1.23066	8.60E-06	0.165257	-6.05119	0.98197	1.00421	1.00421	0.0420465	0.646703	-1.54631	0.00900949	1.85485	1.85485	0.0558856	0.668316	-1.4963	15.5467	8.52376	0.48735	1
cg23004174	CD109;CD109;CD109	0.00122844	0.000857011	0.215817	-4.63357	0.00566943	0.329125	-3.03836	0.0158198	0.404446	-2.47252	0.160244	0.631664	-1.58312	5.65E-05	0.101232	-9.87826	0.754649	0.908466	-1.10076	0.00450175	0.313645	-3.18832	0.743195	0.904231	-1.10591	0.0227437	0.433948	-2.30442	11.0973	16.4802	1.32005	1
cg25850808	CD109;CD109;CD109	0.00718959	0.0022485	0.175343	-5.70312	0.838314	0.920193	-1.08673	0.0757934	0.447318	-2.23555	0.291648	0.640559	-1.56114	0.000603528	0.116118	-8.61196	0.397663	0.702901	-1.42268	0.00284598	0.187865	-5.32298	0.151041	0.534519	-1.87084	0.0855514	0.46133	-2.16764	6.56018	17.2171	2.33287	1
cg23442323	CD109;CD109;CD109	0.0177744	0.000912735	0.180055	-5.55387	0.851315	0.937169	-1.06704	0.130296	0.568303	-1.75962	0.604385	0.834641	-1.19812	0.393663	0.739217	-1.35278	0.269006	0.671589	-1.48901	0.00397032	0.261977	-3.81713	0.171245	0.60424	-1.65497	0.0244916	0.395846	-2.52624	4.89584	9.27327	1.68366	1
cg06987936	CD109;CD109;CD109	0.020164	0.190584	0.84704	-1.18058	0.0937151	1.24704	1.24704	0.939694	1.0091	1.0091	0.297479	0.878653	-1.13811	0.848257	0.977318	-1.02321	0.376632	0.89703	-1.11479	0.000610921	0.531354	-1.88198	0.0561337	0.771751	-1.29575	0.195755	0.848851	-1.17806	4.69152	1.06592	0.201957	1
cg03006477	CD109;CD109;CD109	0.0301093	0.0352959	0.403586	-2.47779	0.420492	0.742052	-1.34761	0.061035	0.459672	-2.17546	0.069257	0.473599	-2.11149	0.020438	0.353489	-2.82894	0.179063	0.594193	-1.68295	0.00404152	0.231328	-4.32286	0.170231	1.70389	1.70389	0.0531873	0.444952	-2.24743	4.49398	9.09601	1.57425	1
cg17024944	CD109;CD109;CD109	0.0424228	0.0374295	0.170727	-5.8573	0.102139	0.269955	-3.70432	0.145707	0.318735	-3.1374	0.253959	0.418115	-2.39169	0.00602347	0.0723256	-13.8264	0.0692776	0.225908	-4.42658	0.0180461	0.122141	-8.18726	0.02509	0.14221	-7.03188	0.0438741	0.183521	-5.44897	3.60391	30.5821	7.54294	1
cg12307716	CD109;CD109;CD109;CD109;CD109;CD109	0.0111212	0.497118	0.881743	-1.13412	0.000198825	3.12934	3.12934	0.168158	1.3075	1.3075	0.336738	1.19819	1.19819	0.229333	1.25895	1.25895	0.504445	1.13163	1.13163	0.20785	0.784714	-1.27435	0.44348	0.867073	-1.15331	0.645443	1.08826	1.08826	5.7123	3.01503	0.469167	1
cg02343503	CD14;CD14	0.0142254	0.344646	1.64021	1.64021	0.00944474	5.32403	5.32403	0.0409206	3.3183	3.3183	0.38454	1.57338	1.57338	0.0602163	0.340451	-2.93728	0.0263443	3.81529	3.81529	0.0166094	4.42386	4.42386	0.00818724	5.58463	5.58463	0.0318249	3.59297	3.59297	5.27211	21.5776	3.63803	1
cg09824255	CD14;CD14	0.0280591	0.16715	0.690946	-1.44729	0.888777	1.03575	1.03575	0.199102	0.711326	-1.40583	0.241364	1.36053	1.36053	0.244316	0.736552	-1.35768	0.133669	0.666246	-1.50095	0.985694	0.995509	-1.00451	0.810048	1.06232	1.06232	0.000683401	0.271858	-3.67839	4.18467	4.17679	0.887214	1
cg14958663	CD14;CD14	0.0340854	0.507434	1.4676	1.4676	0.0529494	3.50692	3.50692	0.0385299	3.92503	3.92503	0.0593961	0.957732	-1.04413	0.054976	0.288971	-3.46056	0.279921	1.89795	1.89795	0.0357637	4.03018	4.03018	0.0174216	5.21432	5.21432	0.0320494	4.19031	4.19031	3.90431	20.1236	4.58152	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg12143439	CD14;CD14;CD14	0.00049461	0.0025528
cg20943084	CD14;CD14;CD14	0.0155282	0.556793
cg02398191	CD151;CD151;CD151;CD151	0.000740903	0.645767
cg08498830	CD151;CD151;CD151;CD151	0.00464207	0.533096
cg24508095	CD151;CD151;CD151;CD151	0.0270906	0.87473
cg12401731	CD160	5.08E-07	0.037138
cg26603524	CD160	8.76E-07	0.0524041
cg06095777	CD160	0.00145251	0.0122416
cg20975414	CD160	0.00345364	0.162326
cg10798745	CD160	0.0124692	0.0395758
cg08614201	CD160	0.0174686	0.0266541
cg15892497	CD160	0.0330189	0.292098
cg18286995	CD160	0.0390866	0.965773
cg13377056	CD160	0.0481585	0.0191774
cg07264679	CD163;CD163	8.72E-07	1.16E-05
cg03621974	CD163;CD163	0.000870484	0.00144036
cg11300147	CD163L1	8.19E-05	0.000131711
cg13986618	CD163L1	0.000191061	9.32E-05
cg11416552	CD163L1	0.000894941	0.00156946
cg16803613	CD163L1	0.00230198	0.0325978
cg10915263	CD163L1	0.00605776	0.00336572
cg10930513	CD163L1	0.0237837	0.0342923
cg05099288	CD164;CD164;CD164;CD164;CD164	0.000640776	0.0005662
cg09416154	CD164;CD164;CD164;CD164;CD164	0.0161669	0.00599631
cg16400794	CD164L2	3.18E-06	0.876144
cg02447488	CD164L2	0.000187454	0.511784
cg02152399	CD164L2	0.00134605	0.905139
cg06323521	CD164L2	0.00277939	0.761751
cg02006421	CD164L2	0.0164752	0.256295
cg20165381	CD164L2	0.0257644	0.00764986
cg10785977	CD164L2	0.046352	0.124671
cg15166089	CD164L2	0.0488383	0.0677029
cg24932660	CD164L2	0.0494975	0.654109
cg10961604	CD164L2;CD164L2	3.23E-05	0.00120586
cg11955474	CD164L2;CD164L2	0.00638522	0.956162
cg05436231	CD164L2;CD164L2	0.00746555	0.32998
cg17863551	CD177	0.000395195	1.38E-05
cg15742245	CD177	0.000405571	2.30E-05
cg22537604	CD177	0.00141543	0.185363
cg05275595	CD177	0.00182697	0.00606643
cg12032655	CD177	0.00316635	0.000820309
cg13736794	CD177	0.00357642	0.0383086
cg11906444	CD177	0.00903864	0.00151915
cg14137162	CD180	0.00188738	0.000127787
cg09989938	CD19	2.62E-05	7.89E-05
cg07322144	CD19	0.00012741	0.78853
cg24900963	CD19	0.000281961	0.000474802
cg05718426	CD19	0.000906637	0.0111722
cg03660502	CD19	0.00512997	0.177557
cg06323049	CD19	0.0074882	0.278367
cg05433111	CD19	0.0207528	0.844776
cg07597976	CD19	0.0311864	0.908207
cg01477015	CD19	0.0328687	0.496206
cg01758575	CD19;CD19	0.00155634	0.399845
cg19355763	CD1A	4.88E-06	2.90E-07
cg27303699	CD1A	0.0176642	0.00322751
cg03528325	CD1A	0.0335521	0.00608933
cg02478603	CD1B	2.58E-05	6.20E-06
cg15952487	CD1B	0.000195059	9.25E-05
cg04574507	CD1B	0.000550428	7.21E-05
cg07548313	CD1C	1.15E-07	2.88E-07
cg22610434	CD1C	2.10E-06	1.79E-06
cg18972751	CD1C	8.74E-05	4.69E-05
cg09149672	CD1C	0.00230473	0.00131527
cg16993682	CD1C	0.0120184	0.00482028
cg00173005	CD1C	0.0198801	0.0138229
cg27534912	CD1C	0.0376623	0.0254663
cg24432768	CD1D	0.000467847	0.0435511
cg10324825	CD1D	0.00129011	0.00218793
cg05338433	CD1D	0.00258649	0.80497
cg11719576	CD1D	0.00348429	0.0311041
cg24698727	CD1D	0.00740269	0.0340692
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cg25683325	CD1D	0.0197012	0.348547
cg12124922	CD1D	0.0210317	0.0205001
cg18234111	CD1D	0.0439793	0.106732
cg09664215	CD1E;CD1E;CD1E;CD1E;CD1E;CD1E	6.59E-08	1.02E-08
cg10976626	CD1E;CD1E;CD1E;CD1E;CD1E;CD1E	4.17E-05	1.26E-05
cg09478478	CD1E;CD1E;CD1E;CD1E;CD1E;CD1E	0.000268888	2.68E-05
cg12200412	CD1E;CD1E;CD1E;CD1E;CD1E;CD1E	0.00132755	0.000285381
cg26014409	CD1E;CD1E;CD1E;CD1E;CD1E;CD1E	0.0167698	0.0038088
cg03701795	CD1E;CD1E;CD1E;CD1E;CD1E;CD1E	0.0349527	0.0105805
cg10489672	CD2	0.00167634	0.314588
cg03016153	CD2	0.00699308	0.0218915
cg00027570	CD2	0.00795271	0.563229
cg16719404	CD2	0.0338461	0.132777
cg10777851	CD200;CD200	0.0112296	0.358319
cg13910460	CD200;CD200	0.026681	0.639547
cg07251099	CD200;CD200	0.031205	0.120748
cg18166915	CD200R1;CD200R1;CD200R1;CD200R1	0.00167809	0.132311
cg17638468	CD200R1;CD200R1;CD200R1;CD200R1	0.00423873	0.0420176
cg02155111	CD200R1;CD200R1;CD200R1;CD200R1	0.0119407	0.0838979
cg17069590	CD200R1;CD200R1;CD200R1;CD200R1	0.0182203	0.318688
cg03399655	CD200R1L	0.00304548	0.000989157
cg18069403	CD200R1L	0.0140746	0.0699774
cg03895348	CD207	6.90E-07	1.04E-06
cg08989942	CD207	2.21E-05	0.000404123
cg03976366	CD207	0.00209581	0.559877
cg24377729	CD209;CD209;CD209;CD209;CD209;CD209;CD209;CD209	0.000134219	0.029
cg07608333	CD209;CD209;CD209;CD209;CD209;CD209;CD209;CD209	0.000272909	0.00565507
cg04412303	CD209;CD209;CD209;CD209;CD209;CD209;CD209;CD209	0.0190167	0.0231299
cg02794892	CD209;CD209;CD209;CD209;CD209;CD209;CD209;CD209	0.037762	0.101493
cg01618851	CD209;CD209;CD209;CD209;CD209;CD209;CD209;CD209	0.0455053	0.130788
cg22514682	CD22	6.37E-07	0.0266732
cg25360761	CD22	0.00162316	0.931478
cg12126686	CD22	0.00217609	0.0026104
cg24750752	CD22	0.00250778	0.166405
cg15001615	CD22	0.00620873	0.0732833
cg15743985	CD22	0.0296852	0.190509
cg12929678	CD226	0.00392828	0.0469713
cg25427967	CD226	0.00421889	0.225376
cg12032103	CD226	0.010969	0.0791915
cg20768743	CD226	0.0257756	0.179256
cg26848442	CD226	0.0325851	0.0944753
cg13164537	CD226;CD226	0.0457745	0.0582323
cg09179987	CD247;CD247	0.00168049	0.0131179
cg00583147	CD247;CD247	0.00297109	0.479791
cg09032544	CD247;CD247	0.00614269	0.6419
cg12480903	CD247;CD247	0.00875048	0.0388944
cg14278300	CD247;CD247	0.0164535	0.0311823
cg19762811	CD247;CD247	0.0251892	0.159493
cg00417094	CD247;CD247	0.026028	0.0114975
cg00628228	CD247;CD247	0.0263985	0.955526
cg18858739	CD247;CD247	0.0272005	0.0289718
cg24929556	CD247;CD247	0.0357386	0.0294162
cg17111087	CD247;CD247	0.0396615	0.181965
cg12782654	CD248	0.000761072	0.11407
cg22213242	CD248	0.0025479	0.0278932
cg05496363	CD248	0.00436892	0.0388924
cg06419846	CD248	0.00721521	0.407846
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cg16182743	CD248	0.0272908	0.970805
cg14027234	CD248	0.0450784	0.0566424

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17351376	CD248;CD248	0.014341	0.251369	0.804461	-1.24307	0.0562432	0.675341	-1.48073	0.042823	0.654899	-1.52695	0.579552	1.10695	1.10695	0.959843	1.00918	1.00918
cg19724470	CD274	0.00578706	0.00386551	0.299227	-3.34195	0.0960152	0.567395	-1.76244	0.0137543	0.388978	-2.57084	0.625255	1.16486	1.16486	0.000543927	0.188954	-5.29229
cg15837913	CD274	0.0393942	0.174043	0.546574	-1.82958	0.0131711	0.276937	-3.61093	0.0707536	0.430208	-2.32446	0.910981	0.954356	-1.04783	0.0281448	0.338561	-2.95368
cg10586317	CD276;CD276	0.00108164	0.000322174	0.246148	-4.0626	0.101204	0.648954	-1.54094	0.00220684	0.355708	-2.8113	0.00071967	0.28941	-3.4553	0.0572999	0.595667	-1.67879
cg06478102	CD276;CD276	0.00616479	0.00361687	0.170195	-5.87562	0.278998	0.602842	-1.65881	0.0690272	0.400585	-2.49635	0.0431614	2.84634	2.84634	0.0405635	0.345289	-2.89613
cg00133909	CD276;CD276	0.0166714	0.0179982	0.656051	-1.52427	0.536775	1.09607	1.09607	0.00912672	1.62537	1.62537	0.616065	0.928536	-1.07696	0.0065046	0.595304	-1.67981
cg19698416	CD276;CD276	0.0378211	0.737637	0.825275	-1.21172	0.329037	1.77787	1.77787	0.569337	0.720003	-1.38888	0.977749	1.01606	1.01606	0.0331317	0.241039	-4.1487
cg18849517	CD27;LOC678655	0.00624836	0.576912	0.778745	-1.28412	0.351741	0.653637	-1.5299	0.177283	0.529287	-1.88933	0.00318689	0.167491	-5.97048	0.000336372	0.0769126	-13.0018
cg02099418	CD28	0.00324977	0.839587	0.9302	-1.07504	0.917937	0.963876	-1.03748	0.0293712	0.400094	-2.49941	0.000630969	0.153308	-6.52283	0.000283011	0.1203	-8.31258
cg21911000	CD28	0.00751549	0.0598052	0.437078	-2.28792	0.0305444	0.371416	-2.6924	0.00727041	0.259438	-3.85449	0.00383636	0.218993	-4.56636	0.0188383	0.329967	-3.0306
cg13790288	CD28	0.0123351	0.871334	1.05717	1.05717	0.408999	1.33598	1.33598	0.479765	0.781593	-1.27944	0.0876977	0.52384	-1.90898	0.000368608	0.141422	-7.07103
cg22309950	CD28;CD28	0.00093405	0.213404	0.690403	-1.44843	0.000379536	0.20083	-4.97933	0.00042441	0.206304	-4.84721	0.0764971	0.57283	-1.74572	0.00496696	0.349374	-2.86226
cg23378840	CD2AP	2.58E-05	0.524308	1.02365	1.02365	0.0858373	0.933535	-1.0712	0.000341235	1.23244	1.23244	0.725673	1.01284	1.01284	0.360541	0.966519	-1.03464
cg15629447	CD2AP	0.00321982	0.477547	0.894358	-1.11812	0.000326109	0.407392	-2.45464	0.0153271	0.631173	-1.58435	0.188928	0.806392	-1.24009	0.00094219	0.466433	-2.14393
cg12968598	CD2AP	0.00593342	0.307998	0.781534	-1.27954	0.0117857	2.08499	2.08499	0.967168	0.990431	-1.00966	0.0701879	1.60457	1.60457	0.0134304	0.489153	-2.04435
cg23250715	CD2AP	0.00846846	0.727527	0.893323	-1.11942	0.496814	0.800516	-1.24919	0.0467225	0.479796	-2.08422	0.118498	1.7273	1.7273	0.034355	0.451117	-2.21672
cg04192019	CD2AP	0.0148746	0.423078	1.22559	1.22559	0.0311708	0.533283	-1.87518	0.157755	0.686937	-1.45574	0.127403	1.50654	1.50654	0.514302	0.848392	-1.1787
cg19989043	CD2AP	0.0230296	0.743687	1.16716	1.16716	0.454902	0.69866	-1.43131	0.728309	1.17856	1.17856	0.917705	0.952475	-1.0499	0.00141454	0.113424	-8.81644
cg08556822	CD2AP	0.026087	0.622077	0.897089	-1.11472	0.0945401	1.49436	1.49436	0.386057	1.21438	1.21438	0.485777	0.856572	-1.16744	0.40784	0.831053	-1.20329
cg26099466	CD2AP	0.0346829	0.267424	0.865728	-1.1551	0.114124	1.23923	1.23923	0.0271393	1.38598	1.38598	0.195534	1.18631	1.18631	0.581728	1.0719	1.0719
cg25121124	CD2AP;CD2AP	0.0316529	0.234918	0.802075	-1.24677	0.436308	0.868759	-1.15107	0.223397	1.25436	1.25436	0.473732	1.13778	1.13778	0.0804912	1.4098	1.4098
cg05116896	CD2BP2;CD2BP2	0.000229334	0.0184088	0.836118	-1.196	0.643566	1.02959	1.02959	0.188023	1.09123	1.09123	0.0216512	0.841501	-1.18835	0.0108674	0.818609	-1.22158
cg01433677	CD2BP2;CD2BP2	0.000739365	0.00031503	0.528015	-1.89389	0.000321057	1.89047	1.89047	0.591891	0.942521	-1.06098	0.00293536	1.56345	1.56345	0.0271223	0.751158	-1.33128
cg05099952	CD2BP2;CD2BP2	0.00804457	0.349056	0.705562	-1.41731	0.00239316	4.62263	4.62263	0.0265783	2.58816	2.58816	0.0693378	2.08562	2.08562	0.0774283	0.49157	-2.0343
cg01800816	CD2BP2;CD2BP2	0.0214929	0.19301	1.53032	1.53032	0.954062	0.982365	-1.01795	0.17826	1.55544	1.55544	0.0177898	0.410666	-2.43507	0.0193305	0.417397	-2.3958
cg12118246	CD300A	0.00292745	0.473678	0.800411	-1.24936	0.0055409	3.04499	3.04499	0.255508	1.43714	1.43714	0.0692549	1.8607	1.8607	0.0679079	1.86767	1.86767
cg10953317	CD300A	0.00673914	0.132285	0.680946	-1.46855	0.0144243	2.04077	2.04077	0.00548634	0.421545	-2.37223	0.717469	1.08977	1.08977	0.0100647	0.463768	-2.15625
cg24320673	CD300A	0.0492502	0.385065	0.77912	-1.2835	0.319661	0.749595	-1.33405	0.0166034	0.440474	-2.27028	0.117214	0.620687	-1.61112	0.0134657	0.424239	-2.35716
cg17677397	CD300C	6.86E-05	0.952641	1.0076	1.0076	0.263175	0.860973	-1.16148	0.00139321	0.533658	-1.87386	0.200254	1.19003	1.19003	0.407451	1.11452	1.11452
cg05892213	CD300C	0.000441413	0.682287	1.10946	1.10946	0.999479	1.00016	1.00016	0.000355722	0.23532	-4.24954	0.488688	1.19425	1.19425	0.131462	1.50824	1.50824
cg14170437	CD300C	0.000913294	0.00299901	0.386571	-2.58684	0.0265657	0.54126	-1.84754	0.00399692	0.405195	-2.46795	0.378313	0.809715	-1.235	0.000791232	0.306028	-3.26768
cg00366412	CD300C	0.00974542	0.509625	0.873513	-1.1448	0.346308	0.821954	-1.21661	0.000468164	0.328956	-3.03992	0.882993	1.03022	1.03022	0.26427	0.790379	-1.26522
cg14173969	CD300C;CD300C	0.00485045	0.00736301	0.398865	-2.50712	0.172762	1.47127	1.47127	0.0253997	0.493096	-2.028	0.00548262	0.378388	-2.64279	0.00347288	0.347979	-2.87374
cg03069736	CD300C;CD300C	0.0142935	0.820176	1.06481	1.06481	0.244404	1.39915	1.39915	0.00564173	0.3672	-2.72331	0.202651	0.690074	-1.44912	0.0419384	0.523855	-1.90892
cg09648424	CD300E	6.41E-07	0.156699	0.807968	-1.23767	0.138067	0.798696	-1.25204	0.00490041	0.591664	-1.69015	0.132088	0.795501	-1.25707	7.49E-09	0.0339601	-29.4463
cg03533256	CD300E	0.000825165	0.505719	0.72211	-1.38483	0.000331016	0.0611715	-16.3475	0.000372876	0.0642769	-15.5577	0.0226518	0.268292	-3.72728	0.00216193	0.125455	-7.971
cg13018120	CD300E	0.00645331	0.00398278	0.0600779	-16.6451	0.00733434	0.0811976	-12.3156	0.0217498	0.135215	-7.39562	0.0181958	0.124579	-8.02702	0.011058	0.0987781	-10.1237
cg06865845	CD300E	0.0066614	0.70422	1.16975	1.16975	0.000671486	0.117815	-8.4879	0.00121868	0.142872	-6.99929	0.0414734	0.380407	-2.62876	0.877355	1.06554	1.06554
cg04995095	CD300E	0.00717027	0.0091763	0.0849686	-11.7691	0.748323	1.27111	1.27111	0.0447879	0.17969	-5.56515	0.0633376	0.210957	-4.7403	0.00713874	0.0750797	-13.3192
cg00873351	CD300LB	8.89E-06	0.291963	0.848572	-1.17845	0.000149266	0.375905	-2.66025	0.00180571	0.513554	-1.94721	3.39E-05	0.299357	-3.3405	0.977277	1.00429	1.00429
cg10523494	CD300LB	0.000720953	0.000973227	0.29432	-3.39766	0.000442464	0.25095	-3.98485	0.0003372	0.236844	-4.22218	0.784177	1.07082	1.07082	0.00178669	0.330236	-3.02813
cg06650256	CD300LB	0.00203742	0.817301	1.08996	1.08996	0.00544508	0.256363	-3.90072	0.00192935	0.195204	-5.12284	0.00103734	0.163937	-6.09991	0.0126576	0.315469	-3.16988
cg20556216	CD300LB	0.00270495	0.00017635	0.363875	-2.7482	0.00798102	0.582432	-1.71694	0.00203028	0.500722	-1.99711	0.0788358	0.733268	-1.36376	0.0073327	0.577251	-1.73235
cg06013494	CD300LB	0.00584755	0.00071923	0.0508083	-19.6818	0.119905	0.376539	-2.65577	0.149049	0.40829	-2.44924	0.717173	0.810103	-1.23441	0.000751956	0.0518693	-19.2792
cg07834069	CD300LB	0.0110035	0.0492435	0.372699	-2.68313	0.687963	0.837334	-1.19427	0.010825	0.24479	-4.08514	0.017791	0.281655	-3.55044	0.000686222	0.102286	-9.7765
cg13698613	CD300LB	0.0383933	0.0422523	0.469655	-2.12922	0.813581	0.926532	-1.07929	0.0210013	0.407838	-2.45196	0.54503	1.2188	1.2188	0.0255227	0.424314	-2.35674
cg14075731	CD300LB;CD300LB	0.0112906	0.399902	0.777946	-1.28544	0.0711832	0.555845	-1.79906	0.00251714	0.294504	-3.39554	0.338391	0.750092	-1.33317	0.886085	0.959091	-1.04265
cg20871097	CD300LD;C17orf77	0.00019732	0.00180932	0.202635	-4.93499	0.143248	0.567751	-1.76134	0.00018297	0.102667	-9.74023	0.0105128	0.313935	-3.18537	3.40E-05	0.0556763	-17.961
cg26886976	CD300LD;C17orf77	0.00161973	0.011484	0.246223	-4.06135	0.430168	0.699837	-1.4289	0.0811905	0.424497	-2.35573	0.0131146	0.255762	-3.90989	0.00010204	0.0473671	-21.1117
cg07030794	CD300LD;C17orf77	0.0347668	0.0093326	0.172147	-5.80899	0.00164402	0.0902672	-11.0782	0.0671645	0.334637	-2.98831	0.130494	0.418371	-2.39022	0.139776	0.428354	-2.33452
cg05852395	CD300LD;C17orf77	0.0475	0.0468247	0.128741	-7.76755	0.00435861	0.0323604	-30.9019	0.0421776	0.121429	-8.23524	0.113338	0.211809	-4.72124	0.0411852	0.119822	-8.3457
cg08808817	CD300LF;RAB37	3.87E-06	0.694619	1.05596	1.05596	0.0120499	0.649147	-1.54048	6.59E-06	0.250698	-3.98886	0.288603	1.1642	1.1642	0.131934	1.25158	1.25158
cg17056607	CD300LF;RAB37;CD300LF	1.68E-05	0.565922	1.09272	1.09272	0.0223374	0.658147	-1.51942	6.79E-05	0.328274	-3.04623	0.0471043	0.706671	-1.41509	0.375114	0.870141	-1.14924
cg15374234	CD300LF;RAB37;CD300LF	0.0373147	0.739226	0.890339	-1.12317	0.0451895	0.449801	-2.22321	0.00553577	0.281544	-3.55184	0.375271	0.72877	-1.37218	0.297782	0.687095	-1.4554
cg26506007	CD300LG	0.0210858	0.460543	0.740622	-1.35022	0.196863	1.72512	1.72512	0.0316915	0.365476	-2.73616	0.459822	0.740252	-1.35089	0.00223418	0.180662	-5.53521
cg17862368	CD300LG;CD300LG;CD300LG	0.0453275	0.223606	0.744508	-1.34317	0.686272	0.910559	-1.09823	0.00185629	0.360875	-2.77105	0.395425	0.818057	-1.22241	0.049344	0.595941	-1.67802
cg27583853	CD300LG;CD300LG;CD300LG;CD300LG	7.51E-05	0.00826288	0.57044	-1.75303	0.0167679	1.62445	1.62445	0.00150622	0.46766	-2.1383	0.679603	1.07146	1.07146	0.240449	0.815246	-1.22662
cg00237876	CD300LG;CD300LG;CD300LG;CD300LG	0.000143047	0.000128039	0.189252	-5.28395	0.259126	1.34208	1.34208	0.00245343	0.348865	-2.86644	0.0076613	0.424616	-2.35507	0.0013001	0.310181	-3.22392
cg09647108	CD300LG;CD300LG;CD300LG;CD300LG	0.00051797	0.533361	0.869004	-1.15074	0.0102971	0.486968	-2.05352	6.86E-05	0.197869	-5.05385	0.907439	0.974446	-1.02622	0.2506	0.76553	-1.30628
cg17313519	CD300LG;CD300LG;CD300LG;CD300LG	0.000616163	0.0232752	0.515444	-1.94008	0.000217292	4.51535	4.51535	0.00405684	0.389478	-2.56754	0.0904388	1.57765	1.57765	0.896442	0.968677	-1.03234
cg14422451	CD300LG;CD300LG;CD300LG;CD300LG	0.00109777	0.00115908	0.379759	-2.63325	0.000460435	0.326706	-3.06085	0.0138338	0.539433	-1.8538	0.83903	1.04213	1.04213	0.00263722	0.429798	-2.32667
cg24862483	CD300LG;CD300LG;CD300LG;CD300LG	0.00162366	0.0273066	0.70622	-1.41599	0.173484	1.21274	1.21274	0.00602009	0.620043	-1.61279	0.0798613	0.771932	-1.29545	0.00426378	0.600915	-1.66413
cg24129626	CD300LG;CD300LG;CD300LG;CD300LG	0.0061803	0.0149258	0.493162	-2.02773	0.0709027	0.620927	-1.61049	0.00216359	0.361809	-2.76389	0.0306475	0.548966	-1.82161	0.0476621	0.585755	-1.7072
cg07945335	CD300LG;CD300LG;CD300LG;CD300LG	0.0125862	0.0581115	0.477088	-2.09605	0.889265	1.04932	1.04932	0.00822974	0.310991	-3.21552	0.075291	0.504431	-1.98243	0.0218917	0.386598	-2.58667
cg13269964	CD300LG;CD300LG;CD300LG;CD300LG; CD300LG;CD300LG;CD300LG;CD300LG	0.00945631	0.580744	0.854405	-1.17041	0.0547025	1.8491	1.8491	0.0069977	0.37389	-2.67459	0.0831286	1.71797	1.71797	0.879437	0.958089	-1.04374
cg25720755	CD300LG;CD300LG;CD300LG;CD300LG; CD300LG;CD300LG;CD300LG;CD300LG	0.048946	0.0952249	0.611116	-1.63635	0.0129919	0.43689	-2.2889	0.104004	0.620319	-1.61207	0.0966244	0.612626	-1.63232	0.0968452	0.612863	-1.63169
cg20351640	CD302	0.00136168	0.413779	0.792033	-1.26257	0.423751	0.796129	-1.25608	0.302513	1.34725	1.34725	0.199458	1.45982	1.45982	0.0173943	0.445699	-2.24367
cg15352315	CD302	0.00197772	0.000980718	0.117338	-8.52237	0.00763317	0.223258	-4.47913	0.0168068	0.279297	-3.58042	0.716746	1.17267	1.17267	0.000382229	0.0838066	-11.9322
cg09643312	CD302	0.00274507	0.00097168	0.125616	-7.96075	0.0208618	0.308756	-3.2388	0.0898725	0.453787	-2.20368	0.869145	0.93269	-1.07217	0.000968528	0.125481	-7.9693
cg03432176	CD302	0.00740528	0.00251102	0.155185	-6.44392	0.0281091	0.316233	-3.16222	0.0290735	0.319207	-3.13276	0.820901	0.904242	-1.1059	0.00234367	0.151794	-6.58785
cg20730198	CD302	0.0190955	0.0482781	0.419607	-2.38318	0.292802	0.657069	-1.52191	0.568636	0.801146	-1.24821	0.215941	1.65057	1.65057	0.239793	0.622725	-1.60585
cg20127207	CD302	0.0362404	0.366841	1.57966	1.57966	0.690552	0.8209	-1.21818	0.40574	0.657368	-1.52122	0.414056	1.50952	1.50952	0.535234	1.36299	1.36299
cg04735129	CD302	0.0425575	0.10648	0.474187	-2.10887	0.407665	0.698701	-1.43123	0.356231	1.49435	1.49435	0.125802	0.495971	-2.01625	0.00923838	0.246935	-4.04965
cg02632643	CD320;CD320	0.000240599	0.0254169	1.48214	1.48214	0.106745	1.29804	1.29804	0.281071	1.18051	1.18051	0.13688	1.26788	1.26788	6.31E-06	0.224377	-4.45286
cg11390645	CD320;CD320	0.008092	?	?	?	0.010514	0.42537	-2.3509	0.0162238	1.98406	1.98406	0.00454093	0.270743	-3.69354	0.00552064	0.306016	-3.2678
cg02800733	CD320;CD320	0.011242	0.797081	0.94725	-1.05569	0.591632	1.12064	1.12064	0.374073	1.21154	1.21154	0.688463	0.918727	-1.08846	0.579366	1.12497	1.12497
cg08886844	CD320;CD320	0.0120168	0.47619	0.915188	-1.09267	0.514156	0.922256	-1.0843	0.689236	1.0504	1.0504	0.0129507	0.685682	-1.4584	0.00439171	0.62794	-1.59251
cg11543665	CD320;CD320	0.0353095	0.00122228	0.103797	-9.63417	0.280724	1.7106	1.7106	0.745088	1.16906	1.16906	0.0801845	0.394794	-2.53296	0.693312	0.827141	-1.20898
cg10129493	CD33;CD33	0.00018952	8.39E-06	0.23255	-4.30016	0.214875	0.821855	-1.21676	0.000362195	0.423523	-2.36115	0.295776	0.849661	-1.17694	0.0178173	1.54165	1.54165
cg11122968	CD33;CD33	0.00112719	0.00153958	0.203358	-4.91743	0.0144847	0.348844	-2.86662	0.00160921	0.205725	-4.86085	0.0253818	0.394966	-2.53186	0.0100661	0.321301	-3.11235
cg27642618	CD33;CD33	0.00992812	0.0261984	0.328246	-3.0465	0.00275793	0.174769	-5.72185	0.0425344	0.37291	-2.68161	0.26589	0.612835	-1.63176	0.0112763	0.261696	-3.82123
cg06861672	CD33;CD33	0.0131608	0.00756438	0.422998	-2.36408	0.00248285	0.348886	-2.86627	0.00644519	0.411829	-2.42819	0.810138	0.94151	-1.06212	0.0190976	0.491499	-2.03459
cg24809544	CD33;CD33	0.0237116	0.00839047	0.126939	-7.87779	0.00231563	0.0736465	-13.5784	0.0862346	0.312903	-3.19588	0.0762998	0.298551	-3.34952	0.0203465	0.180118	-5.55191
cg04197452	CD34;CD34	3.86E-06	0.000178364	0.422126	-2.36896	1.03E-05	0.277326	-3.60587	0.000150235	0.413041	-2.42107	6.54E-06	0.255819	-3.90902	0.000546782	0.482142	-2.07408
cg20293352	CD34;CD34	0.000778828	0.08661	0.677771	-1.47543	0.641283	0.908083	-1.10122	0.423877	0.845491	-1.18274	0.00120772	0.377533	-2.64877	1.72E-05	0.163472	-6.11724
cg27566858	CD34;CD34	0.00531595	0.434512	0.912814	-1.09551	0.108866	1.22146	1.22146	0.000211144	2.03125	2.03125	0.978343	0.996899	-1.00311	0.38134	1.10818	1.10818
cg03990033	CD34;CD34	0.0127048	0.217633	0.628748	-1.59046	0.138113	0.564833	-1.77043	0.30837	1.45821	1.45821	0.00757522	0.2926	-3.41764	0.482083	1.29127	1.29127
cg26266618	CD34;CD34	0.0250014	0.0326032	0.555149	-1.80132	0.149376	1.43878	1.43878	0.168587	0.708058	-1.41231	0.104545	0.658674	-1.5182	0.00126184	0.33034	-3.02719
cg16291276	CD34;CD34	0.0314546	0.513559	0.77587	-1.28888	0.296128	0.660375	-1.51429	0.130514	1.86915	1.86915	0.0251599	0.360608	-2.77309	0.107483	0.510239	-1.95986
cg09788693	CD34;CD34	0.0318222	0.00852598	0.216689	-4.61491	0.118672	0.462243	-2.16337	0.00601151	0.194878	-5.13142	0.0235282	0.29161	-3.42924	0.0297993	0.311949	-3.20565
cg19096849	CD36	0.000101432	0.328461	1.21096	1.21096	0.0536264	0.659745	-1.51574	0.000242432	0.316045	-3.1641	0.382316	0.843641	-1.18534	1.11E-05	0.169666	-5.89394
cg06601993	CD36	0.000938113	0.00934034	0.318916	-3.13562	0.210369	0.632838	-1.58018	0.00342231	0.251926	-3.96943	0.00495761	0.275361	-3.6316	3.46E-05	0.062298	-16.0519
cg21055948	CD36	0.00383737	0.811015	1.03415	1.03415	0.0240801	0.685811	-1.45813	0.0588961	0.741513	-1.34859	0.50082	0.908656	-1.10053	0.00275916	0.560518	-1.78406
cg26138637	CD36	0.00783622	0.00945511	0.596989	-1.67507	0.75111	1.05118	1.05118	0.255043	0.829948	-1.20489	0.0100364	0.600654	-1.66485	0.00103013	0.466364	-2.14425
cg18433146	CD36;CD36	0.00459273	0.88672	1.06028	1.06028	0.0676006	0.431355	-2.31828	0.0432664	0.384933	-2.59786	0.0038046	0.201348	-4.96653	0.00098768	0.133929	-7.46664
cg27625491	CD36;CD36;CD36	0.0442973	0.0477301	0.149324	-6.69683	0.0026285	0.030262	-33.0448	0.0200336	0.0946826	-10.5616	0.294178	0.400947	-2.4941	0.0396648	0.135579	-7.37579
cg05917188	CD36;CD36;CD36;CD36;CD36;CD36	0.0031076	0.285718	0.730452	-1.36901	0.00293303	0.314273	-3.18195	0.0834194	0.581087	-1.72091	0.0405354	0.511671	-1.95438	0.00109686	0.255674	-3.91123
cg24367568	CD37;CD37	0.000341238	9.75E-05	0.191862	-5.21207	0.00119235	0.322297	-3.10273	0.000608487	0.28388	-3.52262	0.00324883	0.384153	-2.60313	6.86E-05	0.176373	-5.66981
cg10768321	CD37;CD37	0.000456769	2.49E-05	6.88468	6.88468	0.00067759	3.30805	3.30805	0.0782156	1.56921	1.56921	0.000949201	3.10989	3.10989	0.907878	1.02702	1.02702
cg07418126	CD37;CD37	0.00272891	0.135032	0.511353	-1.9556	0.350336	0.670201	-1.49209	0.00197609	0.162081	-6.16975	0.429814	1.39863	1.39863	0.00134929	0.143967	-6.94603
cg10037005	CD37;CD37	0.0055035	0.33435	1.49949	1.49949	0.314647	0.655024	-1.52666	0.00299897	0.19088	-5.2389	0.753176	0.879542	-1.13696	0.122969	0.506642	-1.97378
cg19753641	CD37;CD37	0.00865291	0.075338	0.386397	-2.58801	0.760699	1.15801	1.15801	0.0110276	0.216269	-4.62388	0.732435	1.17917	1.17917	0.00576873	0.176001	-5.68179
cg07575373	CD37;CD37	0.0285251	0.0911674	2.22171	2.22171	0.00194449	6.55691	6.55691	0.0644349	2.43837	2.43837	0.284632	1.61102	1.61102	0.406157	0.694464	-1.43996
cg07542476	CD37;CD37	0.0314015	0.886307	0.966841	-1.0343	0.0550414	1.6699	1.6699	0.00235314	2.71917	2.71917	0.111164	1.50537	1.50537	0.870495	0.962272	-1.03921
cg17393635	CD37;CD37	0.0488904	0.490011	1.10729	1.10729	0.0637228	1.35386	1.35386	0.0503233	1.38303	1.38303	0.142478	1.25753	1.25753	0.170638	0.808904	-1.23624
cg20286261	CD38	6.67E-05	0.074167	1.29333	1.29333	0.355669	0.884424	-1.13068	0.000115333	0.417246	-2.39667	0.555291	1.08018	1.08018	2.52E-06	0.229504	-4.35722
cg12580743	CD38	0.000718746	0.00029183	0.22074	-4.53023	0.62474	1.13442	1.13442	0.798516	1.06763	1.06763	0.45957	0.824774	-1.21245	?	?	?
cg26043257	CD38	0.00309743	0.517009	0.903449	-1.10687	0.000167288	2.69249	2.69249	0.165516	1.25684	1.25684	0.0626936	0.723458	-1.38225	0.617744	0.925186	-1.08086
cg15786280	CD38	0.0066772	0.175705	0.5898	-1.69549	0.0177809	2.87697	2.87697	0.0148748	0.33339	-2.99949	0.283961	0.664867	-1.50406	0.00579274	0.265682	-3.7639
cg04332373	CD38	0.0189434	0.248199	0.760718	-1.31455	0.442804	1.19397	1.19397	0.0267852	0.551886	-1.81197	0.234321	0.753932	-1.32638	0.005424	0.436473	-2.29109
cg05430705	CD38	0.0216524	0.709097	1.06191	1.06191	0.0112243	0.600942	-1.66405	0.00402635	0.53831	-1.85767	0.11696	0.761098	-1.31389	0.00912498	0.588065	-1.70049
cg27473538	CD38	0.0258508	0.681308	0.970945	-1.02992	0.00305336	1.33606	1.33606	0.488232	0.950963	-1.05157	0.0337186	1.19372	1.19372	0.899509	0.991019	-1.00906
cg08574140	CD38	0.0312066	0.354558	0.802176	-1.24661	0.412696	0.823797	-1.21389	0.00436133	0.414202	-2.41428	0.658688	1.10836	1.10836	0.949093	0.985332	-1.01489
cg15994026	CD38	0.0419324	0.958851	1.01751	1.01751	0.106995	1.80763	1.80763	0.113931	1.78355	1.78355	0.0217969	0.39603	-2.52506	0.0437925	0.458554	-2.18077
cg13440003	CD38	0.0434806	0.00368078	2.07168	2.07168	0.807345	1.04637	1.04637	0.0474996	1.52281	1.52281	0.0901394	1.4141	1.4141	0.214359	1.27445	1.27445
cg02183671	CD38;CD38	0.0170243	0.0661549	0.350016	-2.85701	0.125053	0.429262	-2.32958	0.261842	0.551041	-1.81475	0.190821	0.493845	-2.02493	0.0161026	0.223139	-4.48152
cg07728874	CD3D;CD3D	0.0015174	0.647988	0.892779	-1.1201	0.772312	0.930918	-1.07421	0.000332971	0.239645	-4.17285	0.00584009	0.410451	-2.43635	0.971674	0.991278	-1.0088
cg03074244	CD3D;CD3D;CD3D;CD3D	0.00109678	0.00306703	0.568445	-1.75919	0.399558	1.12767	1.12767	0.00152596	0.529553	-1.88839	0.580191	0.925117	-1.08094	0.107488	0.782905	-1.27729
cg24841244	CD3D;CD3D;CD3D;CD3D	0.00246482	0.999446	1.00024	1.00024	0.59059	1.2086	1.2086	0.016098	0.357937	-2.79379	0.669797	0.861016	-1.16142	0.0168696	0.361679	-2.76488
cg27354586	CD3E	0.000108077	0.426887	0.834548	-1.19825	0.97912	0.994182	-1.00585	4.66E-05	0.180332	-5.54533	0.664147	0.907195	-1.1023	0.00144364	0.358222	-2.79156
cg18085869	CD3E	0.000539237	7.14E-05	0.212733	-4.70073	0.0546994	0.627519	-1.59358	0.00245649	0.406239	-2.4616	0.0130064	0.517396	-1.93276	0.000706271	0.33164	-3.01532
cg06164961	CD3E	0.00555918	0.0452584	0.322085	-3.10477	0.991412	0.994705	-1.00532	0.00818549	0.18844	-5.30672	0.692005	1.217	1.217	0.000709834	0.0785518	-12.7304
cg23369555	CD3E	0.01303	0.200749	0.496624	-2.0136	0.650088	1.26686	1.26686	0.00382236	0.132694	-7.53725	0.0479789	0.310084	-3.22493	0.00975278	0.183982	-5.43532
cg24612198	CD3E	0.0467794	0.44016	0.774821	-1.29062	0.768705	0.90886	-1.10028	0.00221779	0.24926	-4.01188	0.353286	0.7338	-1.36277	0.435464	0.772705	-1.29415
cg08956138	CD3E;CD3E	1.06E-05	0.052478	0.691674	-1.44577	0.00331591	1.9515	1.9515	5.81E-05	0.287742	-3.47534	0.00534552	0.541503	-1.84671	3.27E-06	0.158968	-6.29058
cg23964739	CD3EAP;CD3EAP;PPP1R13L	0.000515035	0.557069	0.949105	-1.05362	0.00343568	1.41845	1.41845	0.932368	1.00749	1.00749	0.112688	1.16402	1.16402	0.326902	1.0931	1.0931
cg22090640	CD3EAP;CD3EAP;PPP1R13L;PPP1R13L	0.0125443	0.580047	0.926076	-1.07983	0.0478728	1.36457	1.36457	0.983713	1.00281	1.00281	0.859385	0.975927	-1.02467	0.00263636	0.564437	-1.77168
cg03658716	CD3EAP;CD3EAP;PPP1R13L;PPP1R13L	0.0337521	?	?	?	0.0847084	0.357848	-2.79448	0.143483	0.432544	-2.31191	?	?	?	0.971342	1.01883	1.01883

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17351376	0.179979	1.29504	1.29504	0.0880976	1.40736	1.40736	0.000901872	0.40582	-2.46415	0.257613	0.80695	-1.23923	5.25809	2.74522	0.464085	1
cg19724470	0.834255	0.937107	-1.06711	0.00645458	0.333532	-2.99822	0.769339	0.912872	-1.09544	0.620752	1.16722	1.16722	7.01691	10.6808	1.35302	1
cg15837913	0.0829666	0.448463	-2.22984	0.00429377	0.20283	-4.93024	0.40306	0.699453	-1.42969	0.0506116	0.394352	-2.53581	3.70387	10.2365	2.45665	1
cg10586317	0.0477359	0.579612	-1.72529	0.000364864	0.252611	-3.95865	0.877653	0.963566	-1.03781	0.00201691	0.350122	-2.85614	11.5072	10.5779	0.8171	1
cg06478102	0.641148	0.809722	-1.23499	0.00119222	0.118138	-8.46465	0.0738651	2.44938	2.44938	0.504293	0.737359	-1.35619	6.88131	22.034	2.84622	1
cg00133909	0.75797	1.04637	1.04637	0.363729	1.14671	1.14671	0.060555	1.36389	1.36389	0.601211	1.08041	1.08041	5.002	1.70394	0.302801	1
cg19698416	0.326402	0.560593	-1.78382	0.604088	0.741705	-1.34824	0.00121849	0.0669481	-14.9369	0.0972492	0.353611	-2.82797	3.75962	19.4278	4.59333	1
cg18849517	0.00771927	0.219035	-4.56549	0.0253908	0.307602	-3.25096	0.320199	0.633979	-1.57734	0.0192681	0.284775	-3.51154	6.85271	21.3655	2.7714	1
cg02099418	0.336769	0.702183	-1.42413	0.533587	1.25243	1.25243	0.535794	1.25088	1.25088	0.0215961	0.373472	-2.67758	8.35693	16.868	1.79417	1
cg21911000	0.168144	0.564189	-1.77245	0.000619	0.128329	-7.79249	0.684604	0.852877	-1.1725	0.0315841	0.374451	-2.67057	6.46982	15.5608	2.1379	1
cg13790288	0.0354952	0.431845	-2.31565	0.0960301	0.534194	-1.87198	0.322472	0.704285	-1.41988	0.0233203	0.394646	-2.53392	5.52386	10.2936	1.65643	1
cg22309950	0.00471747	0.345908	-2.89094	0.00129234	0.265607	-3.76496	0.763291	1.08916	1.08916	0.000593025	0.223208	-4.48012	11.9961	15.19	1.12555	1
cg23378840	2.52E-06	0.662034	-1.5105	0.000193082	0.796622	-1.2553	0.0002493	1.24483	1.24483	0.666212	1.01585	1.01585	31.685	0.658658	0.018478	1
cg15629447	0.0271753	0.667487	-1.49816	0.274132	1.19236	1.19236	0.552412	1.09738	1.09738	0.0303266	0.674601	-1.48236	8.38002	3.17247	0.336511	1
cg12968598	0.396116	1.22508	1.22508	0.000684218	0.297668	-3.35945	0.568144	1.14427	1.14427	0.264325	0.762016	-1.31231	6.9631	6.018	0.76824	1
cg23250715	0.099089	1.79163	1.79163	0.00089846	0.201316	-4.96731	0.580104	1.19748	1.19748	0.0122561	0.365595	-2.73527	6.23133	10.2647	1.46424	1
cg04192019	0.0100605	0.445956	-2.24237	0.0207984	1.99728	1.99728	0.510142	1.18068	1.18068	0.0121585	0.459805	-2.17484	5.1951	5.08531	0.870103	1
cg19989043	0.326546	1.61155	1.61155	0.148998	2.07321	2.07321	0.685515	1.21143	1.21143	0.0122813	0.230087	-4.34617	4.48287	15.7585	3.12468	1
cg08556822	0.00576375	0.453459	-2.20527	0.289652	0.786441	-1.27155	0.00335574	0.417976	-2.39248	0.743303	1.07447	1.07447	4.29306	3.24861	0.672633	1
cg26099466	0.045851	1.33063	1.33063	0.214491	1.17715	1.17715	0.0284436	0.724159	-1.38091	0.0871502	0.789991	-1.26584	3.87988	0.957082	0.219269	1
cg25121124	0.0252724	0.624221	-1.602	0.00795334	1.82725	1.82725	0.0535677	1.47458	1.47458	0.765708	0.948435	-1.05437	4.00949	1.99295	0.44183	1
cg05116896	0.248235	0.927238	-1.07847	5.19E-06	0.523207	-1.91129	0.0112554	1.21984	1.21984	0.66499	1.02764	1.02764	17.7009	1.09811	0.055144	1
cg01433677	0.0644121	1.25517	1.25517	0.874446	0.982851	-1.01745	0.334314	0.8968	-1.11508	0.514769	0.93029	-1.07493	12.8128	2.42815	0.168453	1
cg05099952	0.475891	1.29989	1.29989	0.113182	0.535962	-1.8658	0.00429236	3.98197	3.98197	0.641252	0.843859	-1.18503	6.33307	13.1281	1.84262	1
cg01800816	?	?	?	0.104368	1.73035	1.73035	0.0893258	1.78356	1.78356	0.0462969	2.02398	2.02398	4.67282	6.27525	1.34293	1
cg12118246	0.00342868	3.36899	3.36899	0.000123782	7.72853	7.72853	0.0137905	2.53449	2.53449	0.0826541	1.79896	1.79896	8.62055	12.743	1.31397	1
cg10953317	0.0406356	1.74931	1.74931	0.0127869	2.07849	2.07849	0.846796	0.955271	-1.04682	0.974974	0.992606	-1.00745	6.69382	5.93323	0.787888	1
cg24320673	0.222768	0.698322	-1.432	0.41401	0.791331	-1.26369	0.00409957	0.339814	-2.94278	0.152119	0.650528	-1.53721	3.40763	4.23935	1.10584	1
cg17677397	0.665744	1.05704	1.05704	0.00186588	1.81519	1.81519	1.61E-06	0.163719	-6.10803	0.901788	0.984381	-1.01587	32.4495	8.17965	0.196057	1
cg05892213	0.0234197	1.98056	1.98056	0.0187173	2.05252	2.05252	4.53E-05	0.142702	-7.0076	0.168126	1.44873	1.44873	14.7923	14.921	0.89662	1
cg14170437	0.00219042	0.366725	-2.72684	0.000452022	0.274971	-3.63675	0.000193109	0.230963	-4.3297	0.0141379	0.493072	-2.0281	12.0726	10.4258	0.767639	1
cg00366412	0.596978	0.897737	-1.11391	0.00535082	2.09937	2.09937	0.524678	0.877806	-1.1392	0.949157	0.987191	-1.01298	5.95952	3.85768	0.57539	1
cg14173969	0.377729	1.27234	1.27234	0.0160449	0.456439	-2.19087	0.00301682	0.338907	-2.95066	0.398539	0.794521	-1.25862	7.40688	8.30751	0.996973	1
cg03069736	0.0743604	1.73037	1.73037	0.00696137	2.61924	2.61924	0.47824	1.21999	1.21999	0.257108	0.721663	-1.38569	5.26384	6.34135	1.07085	1
cg09648424	0.00190527	0.538442	-1.85721	1.56E-06	0.18152	-5.50904	0.691662	0.945433	-1.05772	0.321497	0.865738	-1.15508	82.1366	25.7757	0.278946	1
cg03533256	0.0406911	0.320046	-3.12455	0.000139038	0.0418503	-23.8947	0.0572447	0.354485	-2.821	0.00769618	0.191844	-5.21257	12.4233	45.7374	3.27252	1
cg13018120	0.0388762	0.176023	-5.68108	0.00121743	0.0320951	-31.1574	0.0188092	0.126496	-7.9054	0.0109591	0.0983604	-10.1667	6.78453	56.7016	7.42887	1
cg06865845	0.544195	0.776982	-1.28703	0.914218	0.956672	-1.04529	0.067743	0.431201	-2.31911	0.0185984	0.309455	-3.23148	6.71801	17.9797	2.37897	1
cg04995095	0.00705767	0.0746549	-13.395	0.00150757	0.0331351	-30.1795	0.00532821	0.0648362	-15.4235	0.0565321	0.200135	-4.99662	6.56569	57.7469	7.81801	1
cg00873351	0.101623	0.764041	-1.30883	9.30E-06	0.237438	-4.21163	5.12E-07	0.121923	-8.20192	0.0738969	1.34872	1.34872	41.8231	14.9378	0.317481	1
cg10523494	0.0350507	0.54223	-1.84424	0.000367173	0.241219	-4.14561	0.00825645	0.43089	-2.32078	0.0489172	0.570958	-1.75144	12.9038	12.6947	0.874485	1
cg06650256	0.0366856	0.405105	-2.46849	0.000733758	0.148075	-6.75333	0.00310687	0.221836	-4.50783	0.965622	1.01617	1.01617	9.58995	21.0465	1.95079	1
cg20556216	0.723139	1.05817	1.05817	0.0496454	0.700474	-1.4276	0.0173025	0.630738	-1.58544	0.912888	0.982755	-1.01755	8.82462	3.53173	0.355745	1
cg06013494	0.897965	1.0771	1.0771	0.0987465	0.350641	-2.85192	0.906606	0.934314	-1.0703	0.00674665	0.130913	-7.63868	6.99447	37.1247	4.71798	1
cg07834069	0.241567	0.583316	-1.71434	0.721757	1.17027	1.17027	0.022412	0.300323	-3.32974	0.0349149	0.339275	-2.94746	5.73193	17.5535	2.72214	1
cg13698613	0.0354815	0.453468	-2.20523	0.0793866	0.533107	-1.8758	0.00872633	0.339804	-2.94288	0.751979	0.902655	-1.10784	3.73902	6.17914	1.46899	1
cg14075731	0.748533	1.09825	1.09825	0.0011943	0.250631	-3.98993	0.00769966	0.368703	-2.71221	0.106128	0.597963	-1.67234	5.68451	7.64412	1.19531	1
cg20871097	0.786104	0.906754	-1.10284	0.000106342	0.085294	-11.7241	0.00262724	0.223434	-4.47559	0.000525571	0.14308	-6.9891	18.4385	37.8157	1.82303	1
cg26886976	0.00147774	0.130931	-7.63764	0.63055	0.806717	-1.23959	0.0377737	0.343758	-2.90902	0.000980886	0.113912	-8.77867	10.2501	31.8899	2.76549	1
cg07030794	0.266768	0.539361	-1.85405	0.107126	0.391224	-2.55608	0.450999	0.663791	-1.5065	0.127439	0.414996	-2.40966	3.87649	17.4797	4.00812	1
cg05852395	0.10336	0.200954	-4.97626	0.0657004	0.155612	-6.42624	0.806133	1.24793	1.24793	0.144788	0.243966	-4.09894	3.4546	44.3928	11.4225	1
cg08808817	0.0912578	0.773613	-1.29264	2.89E-06	0.213691	-4.67964	3.76E-07	0.133639	-7.48287	0.0255483	1.44219	1.44219	51.8396	15.6368	0.268122	1
cg17056607	0.0306954	1.47387	1.47387	4.93E-07	0.116255	-8.60176	5.18E-05	0.314416	-3.1805	0.166232	0.798053	-1.25305	35.4743	13.1186	0.328715	1
cg15374234	0.465462	1.29468	1.29468	0.418641	0.750254	-1.33288	0.00385305	0.258212	-3.87278	0.174456	0.605165	-1.65244	3.77817	7.23376	1.70188	1
cg26506007	0.132696	0.522892	-1.91244	0.0192454	0.322487	-3.1009	0.0152472	0.303955	-3.28996	0.25251	0.620217	-1.61234	4.62059	11.6885	2.24859	1
cg17862368	0.506992	0.856128	-1.16805	0.213234	0.739004	-1.35317	0.0137524	0.495194	-2.01941	0.241876	0.753788	-1.32663	3.51596	2.96475	0.749535	1
cg27583853	0.740422	0.946241	-1.05681	5.30E-06	0.179861	-5.55986	2.93E-05	0.256193	-3.90331	0.81785	0.962383	-1.03909	23.8994	10.4559	0.388887	1
cg00237876	0.200223	0.713085	-1.40236	0.00797771	0.427471	-2.33934	5.41E-06	0.07638	-13.0924	0.0640516	0.594457	-1.68221	20.1124	19.8943	0.87925	1
cg09647108	0.416311	1.20309	1.20309	0.00091355	0.331794	-3.01392	8.48E-05	0.207542	-4.8183	0.311394	0.792082	-1.2625	14.1512	11.1017	0.69734	1
cg17313519	0.309574	0.773383	-1.29302	0.00625273	0.418616	-2.38882	0.000543913	0.268867	-3.71932	0.810729	1.06039	1.06039	13.4835	12.7544	0.840824	1
cg14422451	0.040475	0.618707	-1.61627	0.00017213	0.273921	-3.65068	0.00731235	0.49573	-2.01723	0.0463753	0.629409	-1.58879	11.4589	7.47134	0.579568	1
cg24862483	0.775331	0.962605	-1.03885	0.000181425	0.430194	-2.32453	0.000719601	0.503852	-1.98471	0.450843	0.902737	-1.10774	10.2429	2.87766	0.249726	1
cg24129626	0.16714	0.706248	-1.41593	0.00162137	0.344082	-2.90628	0.0011097	0.321468	-3.11073	0.218252	0.736504	-1.35777	6.87597	6.0735	0.785151	1
cg07945335	0.470233	0.775815	-1.28897	0.00115062	0.191883	-5.2115	0.00914958	0.31858	-3.13893	0.936055	0.972654	-1.02811	5.48775	10.3777	1.68096	1
cg13269964	0.626079	1.14856	1.14856	0.0078657	0.382179	-2.61658	0.0047155	0.346774	-2.88372	0.381099	1.2884	1.2884	6.01702	7.58203	1.12009	1
cg25720755	0.595777	0.866037	-1.15469	0.00922698	0.411555	-2.42981	0.0125059	0.434016	-2.30406	0.245496	0.721573	-1.38586	3.41565	3.90402	1.01598	1
cg20351640	0.00150715	0.279163	-3.58214	0.00222545	0.30252	-3.30556	9.43E-05	0.14344	-6.97156	0.101945	0.60679	-1.64802	10.775	13.2897	1.09634	1
cg15352315	0.00522145	0.199695	-5.00764	0.00151947	0.135857	-7.36068	0.0482528	0.372793	-2.68245	0.0401637	0.354676	-2.81948	9.67342	29.2788	2.69042	1
cg09643312	0.00738389	0.23249	-4.30125	0.000469229	0.0979344	-10.2109	0.156089	0.526615	-1.89892	0.141015	0.512167	-1.95249	8.78631	24.855	2.51452	1
cg03432176	0.011505	0.24581	-4.06818	0.00227259	0.150298	-6.65344	0.0865294	0.4315	-2.3175	0.103883	0.454117	-2.20208	6.49983	20.2858	2.7742	1
cg20730198	0.000466936	0.120379	-8.3071	0.6066	0.818834	-1.22125	0.284646	0.652021	-1.53369	0.0673155	0.454326	-2.20106	4.77895	11.2075	2.08461	1
cg20127207	0.266371	1.7703	1.7703	0.0011155	10.6762	10.6762	0.0464574	3.07963	3.07963	0.0812872	2.59372	2.59372	3.81859	14.7103	3.42426	1
cg04735129	0.235235	0.590599	-1.6932	0.00416907	0.196851	-5.07998	0.0968889	0.46237	-2.16277	0.248571	0.600155	-1.66624	3.59967	10.2159	2.52269	1
cg02632643	0.165377	0.803189	-1.24504	0.0046119	0.572119	-1.74789	0.115126	1.28885	1.28885	0.309294	0.855687	-1.16865	17.4714	6.07098	0.308871	1
cg11390645	0.00375399	0.237432	-4.21174	?	?	?	?	?	?	0.0145864	0.485061	-2.0616	122.912	8.98547	0.0243684	1
cg02800733	0.980668	1.00511	1.00511	0.000512349	0.319556	-3.12934	0.437622	1.1812	1.1812	0.00448881	0.450774	-2.21841	5.69243	3.98785	0.622714	1
cg08886844	0.324536	0.882971	-1.13254	0.0257808	0.723327	-1.3825	0.0534848	1.30775	1.30775	0.0263891	1.38003	1.38003	5.57096	1.32046	0.21069	1
cg11543665	0.317937	1.6393	1.6393	0.430794	0.680436	-1.46965	0.715611	1.19148	1.19148	0.391588	1.52239	1.52239	3.85482	13.9965	3.22746	1
cg10129493	0.00740561	1.67939	1.67939	0.336711	0.861705	-1.16049	0.932174	0.98729	-1.01287	0.279238	0.84447	-1.18417	18.6411	6.66652	0.317889	1
cg11122968	0.0058886	0.283731	-3.52447	0.000153256	0.103423	-9.66904	0.000501899	0.14924	-6.70063	0.112756	0.546901	-1.82848	11.3729	22.0116	1.72039	1
cg27642618	0.00932951	0.248386	-4.026	0.00251889	0.170038	-5.88104	0.0124901	0.26911	-3.71596	0.257309	0.606947	-1.64759	5.92427	16.7378	2.51138	1
cg06861672	0.140772	0.672519	-1.48695	0.0106213	0.447299	-2.23564	0.103014	0.639785	-1.56303	0.644507	0.890168	-1.12338	5.40837	5.371	0.882746	1
cg24809544	0.298862	0.516843	-1.93482	?	?	?	0.657336	0.760596	-1.31476	0.237126	0.468047	-2.13654	4.51613	23.8875	5.28938	1
cg04197452	0.000232017	0.436108	-2.29301	6.50E-06	0.255535	-3.91336	5.85E-05	2.74865	2.74865	0.028749	1.41961	1.41961	51.8966	15.1664	0.259771	1
cg20293352	0.00806942	0.497951	-2.00823	0.251015	0.781565	-1.27948	0.363815	1.21139	1.21139	0.771155	1.06176	1.06176	12.627	8.44455	0.594461	1
cg27566858	0.333332	0.892114	-1.12093	0.0725958	0.795197	-1.25755	0.46322	0.918126	-1.08918	0.0298685	0.746501	-1.33958	7.20235	1.49291	0.18425	1
cg03990033	0.013968	0.337512	-2.96286	0.0331756	0.4103	-2.43724	0.10051	1.90347	1.90347	0.025226	2.59119	2.59119	5.471	11.0911	1.802	1
cg26266618	0.651292	0.898463	-1.11301	0.898688	0.97047	-1.03043	0.0544619	0.598413	-1.67109	0.693213	0.910915	-1.0978	4.35715	3.82148	0.779609	1
cg16291276	0.0265197	0.365194	-2.73827	0.0308633	0.378699	-2.64062	0.294151	1.51706	1.51706	0.0724317	2.15504	2.15504	4.0185	9.33734	2.06541	1
cg09788693	0.325728	0.629839	-1.58771	0.111598	0.454083	-2.20224	0.817418	0.900004	-1.11111	0.0307842	0.314847	-3.17615	4.00185	13.1549	2.92197	1
cg19096849	0.000490463	0.354772	-2.81871	3.83E-05	0.223501	-4.47426	0.664518	0.920529	-1.08633	0.762062	0.944002	-1.05932	22.0565	12.5804	0.506998	1
cg06601993	0.352503	0.71774	-1.39326	0.107125	0.543519	-1.83986	0.512839	1.25869	1.25869	0.001588	0.207755	-4.81335	11.9814	22.802	1.69166	1
cg21055948	0.654096	1.06527	1.06527	0.000112585	0.38629	-2.58873	0.310428	0.863182	-1.1585	0.711534	0.949263	-1.05345	7.95124	2.47472	0.276655	1
cg26138637	0.058954	0.715678	-1.39728	0.656233	1.0728	1.0728	0.180938	1.24957	1.24957	0.0165723	0.631888	-1.58256	6.38555	2.48812	0.346355	1
cg18433146	0.00129384	0.14588	-6.85494	0.0060795	0.229709	-4.35333	0.534867	0.772531	-1.29445	0.0288501	0.347045	-2.88147	7.53094	20.1124	2.3739	1
cg27625491	0.235919	0.352291	-2.83856	0.0791384	0.194496	-5.14149	0.250738	0.36492	-2.74033	0.59245	0.635167	-1.57439	3.54634	39.6287	9.93292	1
cg05917188	0.0629752	0.552917	-1.80859	0.000351762	0.196561	-5.08747	0.523526	1.20099	1.20099	0.0113173	0.407192	-2.45584	8.46899	10.7638	1.12975	1
cg24367568	0.017107	0.500179	-1.99928	0.414707	0.819765	-1.21986	0.0184434	0.505906	-1.97665	0.00104309	0.314463	-3.18002	15.8794	14.2896	0.799894	1
cg10768321	0.626115	0.893091	-1.11971	0.574423	0.877518	-1.13958	0.552388	0.87073	-1.14846	0.00511429	2.344	2.344	14.6531	12.3067	0.746551	1
cg07418126	0.738532	0.869831	-1.14965	0.000286738	0.0850332	-11.7601	0.0084443	0.246589	-4.05532	0.176051	0.549444	-1.82002	8.80165	24.1572	2.43966	1
cg10037005	0.625117	1.22185	1.22185	0.000164902	0.0733143	-13.6399	0.3579	0.68066	-1.46916	0.234457	0.602236	-1.66048	7.12616	18.6851	2.3307	1
cg19753641	0.491417	0.714894	-1.39881	0.000657607	0.0815451	-12.2632	0.0142793	0.234297	-4.2681	0.304485	0.600073	-1.66646	6.18903	22.6067	3.24685	1
cg07575373	0.37097	0.674253	-1.48312	0.206747	1.7706	1.7706	0.621539	0.807751	-1.23801	0.0286159	3.02809	3.02809	4.16043	12.1296	2.59152	1
cg07542476	0.748108	0.926866	-1.0789	0.26241	1.3171	1.3171	0.243827	1.33299	1.33299	0.00770541	2.24116	2.24116	4.02092	3.53811	0.782154	1
cg17393635	0.986785	1.00241	1.00241	0.00869179	1.62589	1.62589	0.109848	0.776212	-1.28831	0.561471	1.08908	1.08908	3.41712	1.14332	0.29741	1
cg20286261	0.00487979	0.617341	-1.61985	0.0168119	1.4581	1.4581	0.21305	0.844071	-1.18473	0.0151475	0.679952	-1.47069	24.6626	6.52709	0.235249	1
cg12580743	6.23E-05	0.151414	-6.60443	0.030357	1.91786	1.91786	0.294426	0.75714	-1.32076	0.896112	0.96713	-1.03399	13.2255	12.1866	0.921443	1
cg26043257	0.0466097	0.703157	-1.42216	0.0180971	0.641677	-1.55842	0.140908	0.782888	-1.27732	0.407297	0.87721	-1.13998	8.47725	3.20706	0.336279	1
cg15786280	0.0795274	0.489853	-2.04143	0.00423289	0.245601	-4.07164	0.0654295	2.13461	2.13461	0.197062	0.60649	-1.64883	6.71306	14.2958	1.89293	1
cg04332373	0.046301	0.596196	-1.6773	0.0478495	0.598961	-1.66956	0.0786245	1.55667	1.55667	0.0169374	0.516899	-1.93461	4.79189	3.89552	0.722613	1
cg05430705	0.0318399	0.668147	-1.49668	0.789237	1.04388	1.04388	0.451453	0.884283	-1.13086	0.0587018	0.710138	-1.40818	4.57887	1.86335	0.36173	1
cg27473538	0.33193	1.07409	1.07409	0.0447069	1.17887	1.17887	0.335225	1.07354	1.07354	0.00799852	1.27469	1.27469	4.30672	0.347769	0.071778	1
cg08574140	0.675021	1.10251	1.10251	0.00253714	0.37922	-2.63699	0.139027	0.691748	-1.44561	0.169874	0.71293	-1.40266	4.02987	3.41864	0.754068	1
cg15994026	0.0282948	2.38974	2.38974	0.508525	0.797992	-1.25315	0.451493	0.772519	-1.29447	0.381067	1.35294	1.35294	3.61949	6.48901	1.5936	1
cg13440003	0.0790556	1.43584	1.43584	0.10371	0.718852	-1.39111	0.253011	1.24793	1.24793	0.384203	1.18001	1.18001	3.57105	1.94656	0.484528	1
cg02183671	0.041386	0.301734	-3.31418	0.000622852	0.068498	-14.599	0.650571	1.26145	1.26145	0.0645477	0.347297	-2.87938	4.96711	20.4085	3.6522	1
cg07728874	0.864921	1.0429	1.0429	0.00210101	0.34389	-2.90791	0.000229502	0.220965	-4.52561	0.88769	0.965735	-1.03548	10.4448	10.0704	0.857025	1
cg03074244	0.517786	1.09566	1.09566	0.182813	0.821231	-1.21768	3.45E-05	0.327507	-3.05337	0.418698	0.891255	-1.12201	11.4618	3.52357	0.27326	1
cg24841244	0.407041	1.3443	1.3443	4.67E-05	0.0686026	-14.5767	0.147799	0.581757	-1.71893	0.0923524	0.524018	-1.90833	9.06978	17.4811	1.71324	1
cg27354586	0.0031142	0.405967	-2.46325	5.56E-06	0.101623	-9.8403	0.00591146	0.448063	-2.23183	0.00127787	0.350911	-2.84972	21.685	17.0707	0.699745	1
cg18085869	0.000178681	0.257373	-3.88542	0.177844	0.736265	-1.35821	0.00115384	0.360201	-2.77623	0.0943413	0.674871	-1.48176	13.9938	10.1331	0.643654	1
cg06164961	0.0184228	0.244057	-4.0974	0.00629068	0.172821	-5.78634	0.00410812	0.149744	-6.67808	0.130909	0.44731	-2.23559	7.10416	27.3733	3.42501	1
cg23369555	0.00560953	0.152063	-6.57624	0.00638763	0.159119	-6.2846	0.0478908	0.309901	-3.22684	0.110866	0.406689	-2.45888	5.42606	23.0541	3.77668	1
cg24612198	0.144222	0.601477	-1.66257	0.99087	1.00372	1.00372	0.007322	0.326112	-3.06643	0.352689	0.733502	-1.36332	3.47457	5.77937	1.47852	1
cg08956138	0.677536	1.07241	1.07241	1.90E-06	0.13869	-7.21035	0.000886659	0.434895	-2.29941	0.000879289	0.434417	-2.30194	39.9194	17.6707	0.393476	1
cg23964739	0.748174	1.02874	1.02874	1.23E-05	0.444386	-2.2503	0.105815	0.856084	-1.16811	0.593174	1.04857	1.04857	14.1735	1.73665	0.108914	1
cg22090640	0.0662923	0.75349	-1.32716	0.00268512	0.565455	-1.76849	0.32169	1.15106	1.15106	0.447445	0.899069	-1.11226	5.49371	1.64292	0.265827	1
cg03658716	0.00512677	0.117775	-8.49077	0.290231	1.78192	1.78192	?	?	?	?	?	?	5.25009	11.8631	2.71152	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02768785	CD3EAP;ERCC1;ERCC1	0.0358354	0.020259	0.238957	-4.18486	0.0818605	0.373066	-2.68049	0.286649	0.567895	-1.76089	0.0362687	0.287948	-3.47285	0.00560698	0.155711	-6.42214	0.0466841	0.311998	-3.20515	0.0116322	0.199325	-5.01692	0.685511	0.812051	-1.23145	0.1094	0.40958	-2.44152	3.83421	15.8804	3.68156	1
cg03554552	CD3EAP;PPP1R13L;PPP1R13L	2.40E-05	0.908502	0.984536	-1.01571	0.00497491	1.65533	1.65533	5.48E-05	2.76862	2.76862	7.50E-05	2.64985	2.64985	1.94E-06	4.93896	4.93896	0.204015	1.19927	1.19927	0.172208	0.821215	-1.21771	0.816703	1.03197	1.03197	4.08E-05	2.88898	2.88898	32.2808	9.39433	0.258684	1
cg23953174	CD3EAP;PPP1R13L;PPP1R13L	0.000105635	0.120882	1.41524	1.41524	0.00401622	2.22131	2.22131	0.0460837	0.623792	-1.6031	8.26E-06	7.45291	7.45291	0.112296	0.699786	-1.42901	0.108162	0.696357	-1.43604	0.00380975	0.446788	-2.2382	0.000526997	3.05003	3.05003	0.0156783	1.84332	1.84332	21.8181	14.7314	0.600168	1
cg12386575	CD3G	0.0120162	0.0281199	0.291149	-3.43467	0.193345	0.51947	-1.92504	0.123239	0.451812	-2.21331	0.619772	0.788204	-1.26871	0.00053467	0.0769811	-12.9902	0.205503	1.88803	1.88803	0.0354659	0.31191	-3.20605	0.613623	0.784854	-1.27412	0.0206621	0.265532	-3.76602	5.57105	19.9767	3.18738	1
cg17206001	CD3G	0.0173285	?	?	?	0.197434	0.36515	-2.7386	0.147419	0.316819	-3.15637	0.730119	1.29183	1.29183	0.023631	0.135594	-7.37495	0.546669	0.636967	-1.56994	0.00118984	0.0297901	-33.5682	0.00769867	0.0795015	-12.5784	0.388331	0.520096	-1.92272	5.0295	38.7124	7.69707	1
cg13750061	CD3G;CD3D;CD3D	0.00136709	0.88526	0.954068	-1.04814	0.665157	0.867794	-1.15235	0.000102753	0.106613	-9.37973	0.00650633	0.316123	-3.16332	0.00618931	0.312689	-3.19807	0.000475741	0.167545	-5.96856	0.00526481	0.301743	-3.31408	0.0431932	0.468875	-2.13276	0.103795	0.560316	-1.78471	10.7627	18.0757	1.49286	1
cg05160234	CD3G;CD3D;CD3D	0.00956271	0.0127062	0.177738	-5.62626	0.0308909	0.243215	-4.11159	0.00873948	0.155145	-6.44559	0.0087631	0.155299	-6.4392	0.00156905	0.0793658	-12.5999	0.0102963	0.164722	-6.07085	0.0481306	0.283665	-3.52529	0.0155523	0.19107	-5.23368	0.162329	0.435109	-2.29828	5.99561	29.5472	4.38057	1
cg07545925	CD3G;CD3D;CD3D	0.0313227	0.450922	0.682393	-1.46543	0.0975678	0.404785	-2.47045	0.191149	0.502293	-1.99087	0.618844	1.2834	1.2834	0.41212	0.658889	-1.51771	0.0395237	0.305868	-3.26939	0.00251194	0.123944	-8.06818	0.00671147	0.173936	-5.74925	0.157903	0.471821	-2.11945	4.02453	15.7762	3.48445	1
cg22908581	CD4	0.0261148	0.460281	1.26902	1.26902	0.729246	0.895728	-1.11641	0.384711	0.753938	-1.32637	0.0872593	0.549711	-1.81914	0.000447589	0.172932	-5.78263	0.467978	0.791336	-1.26369	0.691933	1.13452	1.13452	0.626862	0.856192	-1.16796	0.831266	1.06996	1.06996	4.29146	6.82628	1.41392	1
cg16875554	CD4	0.0453824	0.141789	1.37853	1.37853	0.36125	0.826362	-1.21012	0.0645158	0.655725	-1.52503	0.822768	1.04664	1.04664	0.00348156	0.446753	-2.23838	0.0643003	0.655447	-1.52568	0.141481	0.725205	-1.37892	0.403271	0.840456	-1.18983	0.564712	1.12558	1.12558	3.51437	2.29857	0.581378	1
cg25239996	CD40;CD40	0.000294213	0.960607	0.989868	-1.01024	0.372836	1.2076	1.2076	0.249036	1.28199	1.28199	0.0427937	0.618321	-1.61728	1.75E-05	0.163298	-6.12377	0.0318429	1.67978	1.67978	0.0169131	0.548441	-1.82345	0.00311595	0.434481	-2.3016	0.00407933	2.21384	2.21384	16.538	11.1343	0.59845	1
cg07222575	CD40;CD40	0.000307962	0.0837568	0.649294	-1.54013	0.27605	1.29135	1.29135	0.0589531	0.617989	-1.61815	0.87691	1.0356	1.0356	0.00117242	0.341344	-2.92959	0.0703914	0.633572	-1.57835	8.84E-06	0.113566	-8.80545	0.00106011	0.335409	-2.98143	0.325023	1.25777	1.25777	16.3326	13.1727	0.716913	1
cg01149415	CD40;CD40	0.00114994	0.62855	0.911808	-1.09672	0.677937	0.923953	-1.08231	0.0208078	0.590398	-1.69377	0.4757	0.871653	-1.14724	0.18774	0.76767	-1.30264	0.136988	1.35444	1.35444	1.34E-05	0.177814	-5.62385	0.212992	0.780048	-1.28197	0.942023	0.986319	-1.01387	11.3084	6.42429	0.504977	1
cg16686951	CD40;CD40	0.00699891	0.0113421	0.343602	-2.91034	0.0532729	0.477168	-2.0957	0.00253534	0.243666	-4.10398	0.196273	1.58478	1.58478	0.00472489	0.282306	-3.54226	0.502416	1.25781	1.25781	0.0110303	0.341514	-2.92814	0.014138	0.360454	-2.77428	0.187462	0.624534	-1.60119	6.61544	11.897	1.59856	1
cg11841529	CD40;CD40	0.0118712	0.1462	1.71071	1.71071	0.655852	0.85694	-1.16694	0.306215	1.43999	1.43999	0.0833796	0.517009	-1.9342	0.000681536	0.167533	-5.96899	0.190588	1.61134	1.61134	0.359753	1.38279	1.38279	0.294962	0.68808	-1.45332	0.0637264	2.04916	2.04916	5.59304	10.4946	1.66788	1
cg06218285	CD40;CD40	0.0259281	0.0750739	0.31018	-3.22393	0.00425926	0.104487	-9.57055	0.00737879	0.130177	-7.68183	0.156664	0.40874	-2.44654	0.0393791	0.244753	-4.08575	0.098397	0.342872	-2.91654	0.00796353	0.134126	-7.45569	0.127849	0.378259	-2.64369	0.111982	0.359847	-2.77896	4.30223	23.7632	4.90974	1
cg19839655	CD40;CD40	0.0265939	0.0967027	2.65314	2.65314	0.935292	1.04441	1.04441	0.366804	1.64231	1.64231	0.925232	0.951013	-1.05151	0.0867153	0.363342	-2.75223	0.0332951	0.264156	-3.78564	0.00783775	6.20881	6.20881	0.586374	1.34176	1.34176	0.0193127	4.54507	4.54507	4.26425	19.3376	4.03095	1
cg09053081	CD40;CD40	0.0410366	0.422316	1.75366	1.75366	0.223657	2.40161	2.40161	0.560402	1.49702	1.49702	0.693591	0.762339	-1.31175	0.120875	0.315773	-3.16683	0.132164	0.328384	-3.04521	0.00196501	20.0534	20.0534	0.984856	1.01309	1.01309	0.238908	2.3286	2.3286	3.64853	27.1381	6.61163	1
cg22232207	CD40;CD40	0.0454185	0.935534	0.954697	-1.04745	0.151108	2.415	2.415	0.120239	2.62723	2.62723	0.233603	2.04561	2.04561	0.00940247	0.151537	-6.59907	0.709775	1.23893	1.23893	0.792832	0.859978	-1.16282	0.423417	0.625892	-1.59772	0.0152681	5.51358	5.51358	3.51332	18.2759	4.6239	1
cg17929951	CD40;CD40	0.0456163	0.327124	1.60546	1.60546	0.189105	1.91754	1.91754	0.708239	1.19234	1.19234	0.501542	1.37605	1.37605	0.0189783	0.264666	-3.77835	0.515551	1.36144	1.36144	0.0167084	3.92408	3.92408	0.410198	0.674271	-1.48308	0.0227263	3.58248	3.58248	3.5076	12.1659	3.08305	1
cg01943874	CD40;CD40;CD40;CD40	0.00182545	0.159449	0.631187	-1.58432	0.522716	0.820154	-1.21928	0.376306	0.757392	-1.32032	0.323566	1.36622	1.36622	3.64E-05	0.0877381	-11.3976	0.199538	0.660455	-1.51411	0.00800606	0.353427	-2.82944	0.628058	0.861213	-1.16115	0.0800561	1.8119	1.8119	9.90137	14.6889	1.31869	1
cg24462702	CD40LG	8.62E-06	0.155451	0.732366	-1.36544	8.12E-06	0.13563	-7.37299	3.31E-05	0.191921	-5.21048	4.43E-06	0.114689	-8.71922	2.36E-06	0.0950741	-10.5181	0.365074	0.826378	-1.2101	0.0397973	1.62749	1.62749	0.583763	0.892812	-1.12006	0.856432	0.963571	-1.03781	42.1585	28.0359	0.591122	1
cg11944101	CD40LG	8.03E-05	0.600489	1.12258	1.12258	0.000176913	0.248836	-4.0187	0.00076674	0.327891	-3.0498	5.91E-05	0.196598	-5.08652	7.94E-06	0.117653	-8.49955	0.902246	1.02725	1.02725	0.19501	1.34978	1.34978	0.971953	1.00772	1.00772	0.0317819	0.576532	-1.73451	23.4787	17.8051	0.674088	1
cg07919695	CD40LG	0.000418656	0.000648607	2.54342	2.54342	0.13692	0.751305	-1.33102	0.000163592	0.317445	-3.15015	0.181541	0.776377	-1.28803	0.000482244	0.376409	-2.65668	0.0503308	0.671554	-1.48908	0.0109792	1.76748	1.76748	0.333342	0.836867	-1.19493	0.247593	0.805943	-1.24078	15.0102	7.57198	0.448404	1
cg21302055	CD40LG	0.00137492	0.35474	0.779512	-1.28285	0.0653647	0.582049	-1.71807	0.00510168	0.379737	-2.6334	0.0212237	0.484474	-2.06409	2.72E-05	0.114666	-8.72095	0.646523	1.12841	1.12841	0.276131	1.34499	1.34499	0.789273	1.0726	1.0726	0.394276	0.795892	-1.25645	10.7451	11.6491	0.963672	1
cg23907260	CD40LG	0.00409905	0.54513	1.27892	1.27892	0.0331472	0.367678	-2.71977	0.0158457	0.305075	-3.27788	0.0113686	0.279997	-3.57146	0.000522286	0.113867	-8.7822	0.231343	1.65592	1.65592	0.00320066	0.198564	-5.03616	0.52398	0.77149	-1.29619	0.0195027	0.321677	-3.10871	7.79477	19.9239	2.27206	1
cg00292305	CD40LG	0.004485	0.0120977	2.00412	2.00412	0.710192	0.9204	-1.08648	0.0604136	0.624652	-1.60089	0.0766341	1.54904	1.54904	0.000467129	0.294485	-3.39576	0.10566	1.4811	1.4811	0.162984	0.718259	-1.39225	0.132671	0.697295	-1.43411	0.101656	0.671519	-1.48916	7.5854	5.93254	0.6952	1
cg09226411	CD40LG	0.00804759	0.28756	1.58861	1.58861	0.509914	0.755634	-1.32339	0.114302	0.486743	-2.05447	0.00482055	0.208552	-4.79497	0.000531636	0.104255	-9.59188	0.3346	0.658933	-1.5176	0.0140706	0.28066	-3.56303	0.455213	0.727	-1.37552	0.0211599	0.312901	-3.1959	6.33232	17.6221	2.47368	1
cg14082886	CD44;CD44;CD44;CD44;CD44	9.93E-05	0.00117789	0.325691	-3.0704	0.00116128	0.324854	-3.0783	0.000216361	0.233451	-4.28355	3.35E-05	0.150173	-6.65901	0.0046015	0.411097	-2.43252	0.0770552	0.629162	-1.58941	0.000373093	0.261432	-3.82508	0.229677	0.742993	-1.34591	1.28E-05	0.115218	-8.67917	22.1841	19.5183	0.782074	1
cg08688659	CD44;CD44;CD44;CD44;CD44	0.000224353	0.00382595	0.5513	-1.81389	0.0397692	0.695548	-1.43772	0.000201761	0.385836	-2.59177	0.000775074	0.459817	-2.17478	2.43E-05	0.277006	-3.61003	0.32457	0.856102	-1.16809	0.901104	0.981193	-1.01917	0.0441041	0.702408	-1.42367	0.000115442	0.356108	-2.80814	17.8069	6.57783	0.328353	1
cg09077672	CD44;CD44;CD44;CD44;CD44	0.000527139	0.0177949	0.530329	-1.88562	0.166331	0.722617	-1.38386	6.27E-05	0.19735	-5.06715	0.396838	1.21044	1.21044	9.18E-05	0.214869	-4.65401	0.0106174	0.49298	-2.02848	0.886527	1.03193	1.03193	0.0883282	0.661044	-1.51276	0.00164333	0.37075	-2.69724	14.0823	10.8071	0.682152	1
cg19430728	CD44;CD44;CD44;CD44;CD44	0.000720708	0.00124895	0.320028	-3.12472	0.00813953	0.441049	-2.26732	0.0012783	0.321402	-3.11137	0.0980862	0.645004	-1.55038	0.00082375	0.295922	-3.37927	0.461556	0.834321	-1.19858	3.81E-05	0.148102	-6.75209	0.273801	0.759419	-1.3168	0.0378311	0.558785	-1.7896	12.905	11.9361	0.822148	1
cg15695194	CD44;CD44;CD44;CD44;CD44	0.00390653	0.0986059	1.30325	1.30325	0.0181085	1.52155	1.52155	0.098241	1.3037	1.3037	0.435683	1.12333	1.12333	0.0107371	0.625751	-1.59808	0.0415318	1.41015	1.41015	0.00594241	1.69227	1.69227	0.0918314	1.31182	1.31182	0.00330797	0.557064	-1.79513	7.90862	2.67854	0.301054	1
cg16175294	CD44;CD44;CD44;CD44;CD44	0.00398632	0.210603	0.798994	-1.25157	0.000208258	0.347893	-2.87445	0.00353114	0.510278	-1.95972	0.25493	1.22409	1.22409	0.997723	1.00049	1.00049	0.0931645	1.36914	1.36914	0.344397	1.18019	1.18019	0.419007	1.15081	1.15081	0.545286	0.901107	-1.10975	7.8606	3.60255	0.407382	1
cg01766065	CD44;CD44;CD44;CD44;CD44	0.00747287	0.219467	0.648321	-1.54245	0.00536262	3.42347	3.42347	0.961207	1.01646	1.01646	0.58291	1.20457	1.20457	0.796651	0.916986	-1.09053	0.935488	1.02754	1.02754	0.000441589	0.155333	-6.43777	0.107254	1.80403	1.80403	0.938762	0.974543	-1.02612	6.48136	11.5618	1.58564	1
cg15427520	CD44;CD44;CD44;CD44;CD44	0.0134262	0.00813319	0.172199	-5.80723	0.029742	0.264932	-3.77456	0.0110042	0.190852	-5.23967	0.0641389	0.33954	-2.94516	0.00162718	0.0959161	-10.4258	0.147501	0.446217	-2.24106	0.0175808	0.223114	-4.48201	0.0787577	0.36288	-2.75573	0.0193388	0.230225	-4.34358	5.37316	22.9425	3.79541	1
cg18652941	CD44;CD44;CD44;CD44;CD44	0.0243431	0.10434	0.792832	-1.2613	0.121811	1.24519	1.24519	0.0427129	1.35665	1.35665	0.107764	0.794953	-1.25794	0.797879	1.03412	1.03412	0.758965	0.960559	-1.04106	0.161739	0.822537	-1.21575	0.664922	0.944615	-1.05863	0.00289753	1.70808	1.70808	4.39771	1.19067	0.240665	1
cg25096745	CD44;CD44;CD44;CD44;CD44	0.0278187	0.998224	1.00066	1.00066	0.0313819	0.47081	-2.124	0.229834	0.686653	-1.45634	0.108702	0.593317	-1.68544	0.0146593	2.45123	2.45123	0.831685	0.938468	-1.06557	0.0355351	2.07549	2.07549	0.156391	0.636119	-1.57203	0.0623288	0.534711	-1.87017	4.19737	5.91825	1.25332	1
cg16344511	CD44;CD44;CD44;CD44;CD44	0.0342075	0.0671075	0.390418	-2.56135	0.10467	0.443603	-2.25427	0.0175611	0.265958	-3.75999	0.0117691	0.236458	-4.22908	0.0190383	0.272275	-3.67275	0.132766	0.475497	-2.10306	0.0886291	0.422798	-2.3652	0.0204241	0.277876	-3.59872	0.0153251	0.25559	-3.91252	3.89927	12.972	2.95714	1
cg15239179	CD44;CD44;CD44;CD44;CD44	0.0345734	0.129444	0.342412	-2.92046	0.00420703	0.0814583	-12.2762	0.0347346	0.199838	-5.00405	0.056917	0.244262	-4.09397	0.0357911	0.202291	-4.94337	0.0210942	0.162912	-6.13828	0.0355977	0.201846	-4.95428	0.0552578	0.241343	-4.14349	0.0897037	0.294103	-3.40017	3.88432	26.328	6.0249	1
cg04125208	CD44;CD44;CD44;CD44;CD44	0.0454683	0.342597	0.758025	-1.31922	0.00254751	3.27472	3.27472	0.602997	0.861854	-1.16029	0.105404	0.605779	-1.65077	0.315366	0.745167	-1.34198	0.413005	1.26761	1.26761	0.671134	0.886026	-1.12863	0.105829	1.64958	1.64958	0.914504	1.0309	1.0309	3.51188	4.46508	1.13015	1
cg01663768	CD44;CD44;CD44;CD44;CD44;CD44;CD44;CD44;CD44;CD44	0.00190768	0.372388	0.94348	-1.05991	0.00156828	1.33454	1.33454	0.0485664	0.866632	-1.15389	0.820064	1.01458	1.01458	0.00927716	1.23334	1.23334	0.248091	1.07973	1.07973	0.00088112	0.72853	-1.37263	0.51619	0.959042	-1.04271	0.00921169	1.23371	1.23371	9.77545	0.624866	0.0568196	1
cg00861824	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46	0.000464145	0.0640796	0.777143	-1.28676	1.98E-05	0.350721	-2.85127	0.000818307	0.542724	-1.84256	0.0226343	0.718422	-1.39194	0.719438	1.04467	1.04467	0.00992317	1.48388	1.48388	0.329454	0.885197	-1.12969	0.700921	1.04787	1.04787	0.0662084	0.779061	-1.2836	14.5883	3.39195	0.206677	1
cg23729020	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46	0.0123078	0.0230755	0.562392	-1.77812	0.0072274	0.479878	-2.08386	0.305041	0.798532	-1.2523	0.143408	0.716731	-1.39522	0.519976	0.87097	-1.14815	0.0481498	0.619779	-1.61348	0.00712894	0.47895	-2.0879	0.00356501	0.433288	-2.30793	0.00363529	0.434543	-2.30127	5.52783	3.92813	0.631653	1
cg10779981	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46	0.0134971	0.0862001	0.606827	-1.64792	0.240467	1.3824	1.3824	0.191966	1.43898	1.43898	0.073829	0.591529	-1.69053	0.0489123	0.552934	-1.80853	0.272155	0.739946	-1.35145	0.00170576	0.30716	-3.25563	0.0145493	0.452468	-2.2101	0.0321652	0.516241	-1.93708	5.3639	5.898	0.977399	1
cg21789849	CD47;CD47;CD47	0.00893594	0.201907	0.879641	-1.13683	0.00243306	0.669249	-1.49421	0.103579	0.844158	-1.18461	0.00155911	0.648736	-1.54146	0.268412	0.896097	-1.11595	0.836716	1.01983	1.01983	0.0344802	1.26452	1.26452	0.152939	0.864442	-1.15682	0.0685195	0.8236	-1.21418	6.12624	0.878806	0.127511	1
cg00492070	CD47;CD47;CD47	0.0169581	0.0466427	2.92124	2.92124	0.00155114	8.51072	8.51072	0.00829724	4.89378	4.89378	0.20208	1.88473	1.88473	0.0317273	3.26994	3.26994	0.0785336	2.50798	2.50798	0.0306628	3.30286	3.30286	0.0172955	3.91305	3.91305	0.0532004	2.81109	2.81109	4.97359	17.4409	3.11707	1
cg25881170	CD47;CD47;CD47	0.0180328	0.00646325	5.32754	5.32754	0.155386	2.05087	2.05087	0.22603	1.82323	1.82323	0.0794636	2.50855	2.50855	0.0148302	4.12121	4.12121	0.136609	2.13323	2.13323	0.00756029	5.0706	5.0706	0.00371485	6.37128	6.37128	0.0233718	3.59637	3.59637	4.87215	17.2232	3.14224	1
cg02487233	CD47;CD47;CD47	0.0184783	0.0469244	3.65975	3.65975	0.00336044	9.73632	9.73632	0.0269764	4.455	4.455	0.105412	2.74308	2.74308	0.0296178	4.30903	4.30903	0.0376875	3.95538	3.95538	0.00847024	6.80202	6.80202	0.0122595	5.92758	5.92758	0.0418564	3.81096	3.81096	4.83227	24.9014	4.58058	1
cg06806080	CD47;CD47;CD47	0.0325798	0.0715187	1.72879	1.72879	0.00544903	2.70338	2.70338	0.00552314	2.69665	2.69665	0.0637049	1.76301	1.76301	0.0240086	2.07993	2.07993	0.158281	1.50723	1.50723	0.0915212	1.65771	1.65771	0.0752696	1.71385	1.71385	0.0936271	1.65127	1.65127	3.96826	4.65021	1.04164	1
cg19408145	CD48	2.82E-06	0.00605911	0.680363	-1.4698	0.00116645	1.66897	1.66897	2.71E-06	0.297746	-3.35856	0.000556145	0.562403	-1.77808	1.60E-06	0.272995	-3.66307	0.00598682	0.679772	-1.47108	0.122052	1.1973	1.1973	1.14E-06	0.257435	-3.88448	8.93E-05	0.470712	-2.12444	56.235	10.2824	0.16253	1
cg22706334	CD48	2.62E-05	0.153241	1.22962	1.22962	0.0302283	1.41113	1.41113	0.0142471	0.664576	-1.50472	0.0636244	1.32558	1.32558	0.00625806	1.61852	1.61852	0.317648	0.869697	-1.14983	0.000964201	1.94304	1.94304	7.12E-07	0.162855	-6.14043	0.936272	1.01087	1.01087	31.557	9.12995	0.25717	1
cg05200628	CD48	0.000380706	0.276336	0.745998	-1.34049	0.967218	0.989421	-1.01069	0.000346979	0.225558	-4.43346	0.171056	0.685792	-1.45817	0.000132611	0.17994	-5.5574	0.00119907	0.292826	-3.415	0.0145431	0.458884	-2.1792	4.69E-05	0.137162	-7.29065	0.0229558	0.49459	-2.02187	15.4087	16.3437	0.94283	1
cg13311440	CD48	0.000474547	0.0371209	0.598589	-1.6706	0.0514076	0.624821	-1.60046	0.000709733	0.33497	-2.98535	0.0070404	0.477723	-2.09326	0.00763648	0.483232	-2.0694	0.0188059	0.546862	-1.82862	0.117976	1.43328	1.43328	2.07E-05	0.16168	-6.18504	0.00359019	0.433348	-2.30761	14.499	10.3255	0.633021	1
cg25215890	CD48	0.00075177	0.00429793	2.46207	2.46207	0.270634	1.3108	1.3108	0.70879	0.91528	-1.09256	0.0220695	0.523214	-1.91126	0.00674637	0.436599	-2.29043	0.0127876	2.07454	2.07454	7.13E-05	5.5193	5.5193	0.136983	1.45934	1.45934	0.0433921	1.73005	1.73005	12.7531	11.2456	0.783817	1
cg24342146	CD48	0.00165451	0.203423	0.714098	-1.40037	0.0514226	1.74413	1.74413	0.0762087	0.609662	-1.64025	0.000552257	0.260536	-3.83824	0.271056	0.750197	-1.33298	0.0700459	0.601669	-1.66204	0.941835	0.981863	-1.01847	9.22E-05	0.173581	-5.76098	0.135556	0.667979	-1.49705	10.1874	10.1512	0.885737	1
cg24154340	CD48	0.00429605	0.525892	0.889575	-1.12413	0.18708	1.28991	1.28991	0.00321028	0.480836	-2.07971	0.00838358	0.541648	-1.84622	0.00253669	0.466377	-2.14419	0.000984061	0.409902	-2.43961	0.0242761	0.613317	-1.63048	0.845661	0.965142	-1.03612	0.163509	0.762825	-1.31092	7.68497	4.03401	0.466597	1
cg20868817	CD48	0.0244353	0.384767	0.699391	-1.42981	0.388479	1.42564	1.42564	0.00493568	0.224481	-4.45472	0.498663	0.759125	-1.31731	0.0972546	0.481813	-2.07549	0.505202	0.762402	-1.31164	0.314467	0.658778	-1.51796	0.00140718	0.156406	-6.39362	0.154353	0.542407	-1.84363	4.39195	11.198	2.26636	1
cg13512987	CD4;CD4	0.0192842	0.925594	0.983976	-1.01629	0.618537	0.91685	-1.09069	0.010696	0.574162	-1.74167	0.151126	0.766402	-1.3048	0.00166114	0.459256	-2.17743	0.885918	1.02514	1.02514	0.209366	1.25712	1.25712	0.224536	1.24687	1.24687	0.0631031	0.696615	-1.43551	4.76307	2.25616	0.421047	1
cg22202088	CD5	6.00E-05	1.01E-05	0.306925	-3.25813	0.621609	1.06403	1.06403	0.0211818	0.707721	-1.41299	0.757098	1.03946	1.03946	0.383655	0.894542	-1.11789	3.88E-05	0.374056	-2.67339	0.00805626	1.5272	1.5272	0.00668696	0.644746	-1.551	8.25E-05	0.412783	-2.42258	25.3659	6.25242	0.219101	1
cg26255314	CD5	0.00377174	0.187249	0.723795	-1.38161	0.185524	0.722768	-1.38357	0.00106823	0.326889	-3.05915	0.00441868	0.415343	-2.40765	0.00328166	0.395912	-2.52581	0.623442	0.891864	-1.12125	0.00170639	0.35489	-2.81777	0.113799	0.67174	-1.48867	0.00212728	0.368466	-2.71396	7.99258	6.77003	0.752924	1
cg08572767	CD52;UBXN11	0.0493662	0.036729	1.98984	1.98984	0.0105122	0.40137	-2.49147	0.304603	0.73975	-1.35181	0.135333	0.633554	-1.5784	0.0722922	0.566255	-1.76599	0.572507	1.1755	1.1755	0.903759	1.03489	1.03489	0.241594	1.41558	1.41558	0.275591	0.724994	-1.37932	3.40459	4.33487	1.13177	1
cg16896205	CD53	0.000688047	0.000278492	0.187006	-5.34743	0.053502	0.538842	-1.85583	0.00669171	0.370902	-2.69613	0.00476796	0.347666	-2.87632	0.000542729	0.2196	-4.55374	0.000607354	0.225398	-4.4366	0.000264363	0.184591	-5.41739	0.00401354	0.336221	-2.97423	0.0107597	0.405147	-2.46824	13.0739	16.4609	1.11917	1
cg06351337	CD53	0.0381147	0.00990407	0.079783	-12.534	0.184168	0.335162	-2.98363	0.0402833	0.159062	-6.28684	0.0706716	0.208591	-4.79406	0.01185	0.0873398	-11.4495	0.65482	1.41791	1.41791	0.0908553	0.235649	-4.2436	0.0597818	0.192395	-5.19763	0.0265526	0.130016	-7.69135	3.749	35.7513	8.47663	1
cg17240760	CD53;CD53	0.000144772	4.01E-05	0.0698909	-14.308	0.0317246	0.425815	-2.34844	0.000278153	0.133104	-7.51291	0.0714708	0.505344	-1.97885	6.29E-05	0.0822258	-12.1616	0.61157	0.840592	-1.18964	0.000104392	0.0977233	-10.233	0.00167768	0.218022	-4.58669	0.00109945	0.195573	-5.11319	20.0476	36.5037	1.61854	1
cg10516886	CD53;CD53	0.000279593	8.64E-06	0.0701028	-14.2648	0.792877	0.93022	-1.07501	0.000773183	0.246871	-4.05069	0.00652343	0.378474	-2.64219	0.00308725	0.328522	-3.04394	0.140876	0.647032	-1.54552	0.290003	1.35238	1.35238	0.032746	0.503243	-1.98711	0.0019456	0.299793	-3.33563	16.7701	20.0679	1.06369	1
cg07314983	CD53;CD53	0.000547658	3.30E-05	0.0509862	-19.6131	0.031508	0.393985	-2.53817	0.00621765	0.267864	-3.73323	0.00486914	0.251956	-3.96894	0.0020909	0.2021	-4.94805	0.0117493	0.31276	-3.19734	0.00204358	0.200854	-4.97873	0.000563067	0.138849	-7.20207	0.00260531	0.214339	-4.66551	13.9336	30.0965	1.91999	1
cg10105218	CD53;CD53	0.00344725	0.000387298	0.13447	-7.43659	0.412082	0.742825	-1.34621	0.00120694	0.186266	-5.36868	0.0269118	0.394944	-2.53201	0.438454	1.32333	1.32333	0.612491	0.834378	-1.1985	0.57535	0.818212	-1.22218	0.0252285	0.389319	-2.56859	0.00318054	0.239764	-4.17078	8.21102	16.3417	1.76908	1
cg06180389	CD53;CD53	0.00970688	0.00688475	0.363724	-2.74934	0.0957466	1.69711	1.69711	0.107294	0.601614	-1.6622	0.0463527	0.517012	-1.93419	0.0115203	0.401119	-2.49302	0.004456	0.334	-2.99401	0.00504947	0.342375	-2.92078	0.198608	0.675225	-1.48099	0.407764	0.782876	-1.27734	5.96706	7.89707	1.17639	1
cg03043417	CD53;CD53;CD53	0.0209586	0.0113966	0.166537	-6.00467	0.449396	0.64644	-1.54693	0.0526319	0.287369	-3.47984	0.0304219	0.236949	-4.22032	0.00716634	0.140149	-7.13527	0.122559	0.387891	-2.57805	0.00313052	0.101624	-9.84024	0.166168	0.433578	-2.30639	0.029052	0.233122	-4.28961	4.63015	23.491	4.50976	1
cg00797651	CD55;CD55	0.0221318	0.761268	1.18185	1.18185	0.00253288	9.95331	9.95331	0.114023	2.56687	2.56687	0.371519	0.604649	-1.65385	0.0185083	0.208834	-4.7885	0.884108	0.92314	-1.08326	0.0673505	0.324978	-3.07713	0.462984	0.663891	-1.50627	0.625463	0.763581	-1.30962	4.54462	21.6398	4.23257	1
cg23633330	CD55;CD55	0.0354234	0.0245931	0.210023	-4.76138	0.0318143	0.230691	-4.33481	0.0272926	0.218167	-4.58364	0.0489524	0.269687	-3.708	0.00826435	0.139642	-7.16115	0.0303346	0.22673	-4.41054	0.0529644	0.277487	-3.60378	0.220284	0.471782	-2.11962	0.0308725	0.228184	-4.38242	3.85032	20.7198	4.78339	1
cg10180415	CD58;CD58	0.0491925	0.0116587	0.136203	-7.34198	0.130173	0.355655	-2.81171	0.0261921	0.188603	-5.30213	0.773906	1.1998	1.1998	0.0187205	0.16499	-6.06099	0.698781	0.781988	-1.27879	0.198299	0.423244	-2.3627	0.372772	1.78367	1.78367	0.0554893	0.253452	-3.94552	3.40915	21.5946	5.6305	1
cg13799671	CD58;CD58;CD58	0.000188347	0.0306929	0.561042	-1.7824	0.745647	0.928575	-1.07692	0.295137	1.28042	1.28042	0.303937	0.784735	-1.27432	3.55E-06	0.0838789	-11.922	0.0254993	0.546426	-1.83007	0.000257336	0.254159	-3.93454	0.41201	0.826156	-1.21042	0.784698	1.06433	1.06433	18.6725	15.3293	0.72974	1
cg17215278	CD58;CD58;CD58	0.00112373	0.0355372	0.560546	-1.78397	0.710573	1.09217	1.09217	0.00103894	0.317044	-3.15413	0.86275	1.04178	1.04178	0.0207357	0.517559	-1.93215	0.174624	1.4071	1.4071	0.00408031	2.48851	2.48851	0.000208585	0.230433	-4.33966	0.764074	0.931278	-1.07379	11.3829	10.0861	0.787625	1
cg11379605	CD58;CD58;CD58	0.00134968	0.026101	0.729817	-1.37021	0.019599	0.714285	-1.4	0.00329493	0.62022	-1.61233	0.249652	0.866282	-1.15436	4.44E-05	0.397305	-2.51696	0.0342388	0.744724	-1.34278	0.708728	1.04579	1.04579	0.528672	0.926672	-1.07913	0.00183122	0.589659	-1.69589	10.8024	2.43538	0.200398	1
cg09584521	CD58;CD58;CD58	0.00157387	0.000861775	0.177992	-5.61822	0.195636	0.623654	-1.60345	0.00221421	0.227783	-4.39015	0.00614863	0.291365	-3.43212	0.000629855	0.1632	-6.12746	0.0945242	0.530441	-1.88522	0.00538087	0.282441	-3.54057	0.0013511	0.200709	-4.98234	0.0021646	0.226491	-4.41519	10.3354	19.4828	1.6756	1
cg11574055	CD58;CD58;CD58	0.00159247	0.000489929	5.70175	5.70175	0.00114057	4.59472	4.59472	0.0187235	2.47959	2.47959	0.0309582	2.24207	2.24207	0.00294112	3.67559	3.67559	0.116877	1.7211	1.7211	0.00100329	4.74256	4.74256	0.00131998	4.4339	4.4339	0.00824508	2.93574	2.93574	10.3004	16.573	1.43018	1
cg21039631	CD58;CD58;CD58	0.00202682	0.00100773	0.282937	-3.53436	0.00950128	0.427413	-2.33966	0.191814	0.699449	-1.4297	0.00989572	0.430366	-2.32361	0.00189089	0.320068	-3.12433	0.620415	0.878836	-1.13787	0.000568767	0.251339	-3.9787	0.00137803	0.301088	-3.32129	0.0191771	0.480394	-2.08163	9.60454	10.1807	0.942212	1
cg11258102	CD58;CD58;CD58	0.00381322	0.0263943	0.67293	-1.48604	0.0145666	0.635909	-1.57255	0.00594743	0.582079	-1.71798	0.743041	0.951712	-1.05074	0.510918	1.10553	1.10553	0.674554	0.938438	-1.0656	0.00111974	2.05841	2.05841	0.0353219	1.44593	1.44593	0.128594	0.781052	-1.28032	7.96635	2.85586	0.318658	1
cg21167563	CD58;CD58;CD58	0.00907286	0.241744	0.792446	-1.26192	0.874512	1.03046	1.03046	0.207304	1.28719	1.28719	0.33459	0.827843	-1.20796	0.00524099	0.49701	-2.01203	0.0172909	0.576661	-1.73412	0.450339	1.15723	1.15723	0.00232938	0.446141	-2.24144	0.00587571	0.504374	-1.98265	6.09675	3.48043	0.507437	1
cg08231577	CD58;CD58;CD58	0.00973206	0.0100936	3.72819	3.72819	0.0014315	6.48363	6.48363	0.00845882	3.90757	3.90757	0.119695	1.98264	1.98264	0.00499886	4.50833	4.50833	0.242272	1.64234	1.64234	0.0120801	3.55595	3.55595	0.0288304	2.84323	2.84323	0.0776762	2.2143	2.2143	5.96213	15.5181	2.31358	1
cg10241701	CD58;CD58;CD58	0.0120506	0.636604	0.889373	-1.12439	0.155419	1.45425	1.45425	0.300014	1.30289	1.30289	0.481161	1.19291	1.19291	0.955108	0.986228	-1.01396	0.143279	0.678761	-1.47327	0.000281141	0.23158	-4.31817	0.764104	1.07696	1.07696	0.337234	1.276	1.276	5.56589	5.34967	0.854358	1
cg24695972	CD58;CD58;CD58	0.0130754	0.255728	1.1303	1.1303	0.265445	1.12728	1.12728	0.128636	1.18476	1.18476	0.0500761	1.25941	1.25941	0.829655	0.978003	-1.02249	0.0616447	0.804679	-1.24273	0.00407501	0.671658	-1.48885	0.0512448	1.25755	1.25755	0.0195066	1.33837	1.33837	5.41989	0.914847	0.150039	1
cg14042132	CD58;CD58;CD58	0.015124	0.00794659	0.227129	-4.40279	0.00544928	0.20345	-4.91522	0.125909	0.486146	-2.05699	0.0411051	0.358285	-2.79108	0.0279226	0.322596	-3.09986	0.591605	0.789875	-1.26602	0.0053748	0.202624	-4.93526	0.0239842	0.309482	-3.2312	0.0134703	0.263849	-3.79004	5.16661	15.5218	2.67045	1
cg02974976	CD58;CD58;CD58	0.0154043	0.0168559	2.96604	2.96604	0.00321737	4.47783	4.47783	0.0707869	2.12293	2.12293	0.0279116	2.63447	2.63447	0.00835299	3.51381	3.51381	0.625145	1.20154	1.20154	0.0184807	2.9021	2.9021	0.0215096	2.80013	2.80013	0.0212028	2.8096	2.8096	5.13528	11.3079	1.95734	1
cg08478283	CD58;CD58;CD58	0.0180116	0.996792	0.999511	-1.00049	0.0678222	1.28271	1.28271	0.0663073	1.28491	1.28491	0.252913	1.15644	1.15644	0.143527	1.21084	1.21084	0.214869	1.17224	1.17224	0.000303173	2.04353	2.04353	0.753367	1.03911	1.03911	0.968971	1.00475	1.00475	4.87407	1.14359	0.208557	1
cg26313955	CD58;CD58;CD58	0.0213814	0.00951946	0.299472	-3.33921	0.349383	0.702124	-1.42425	0.0424904	0.424171	-2.35754	0.0378596	0.41315	-2.42043	0.0147407	0.332259	-3.0097	0.708866	1.14762	1.14762	0.0101964	0.30445	-3.28462	0.00838184	0.290415	-3.44335	0.0923772	0.506618	-1.97387	4.59866	9.81574	1.89732	1
cg07560662	CD58;CD58;CD58	0.0343942	0.411165	0.909894	-1.09903	0.0851204	1.2385	1.2385	0.898268	0.985731	-1.01448	0.29058	1.13115	1.13115	0.890112	1.01565	1.01565	0.183868	1.17165	1.17165	0.00299094	0.63283	-1.5802	0.121447	0.828065	-1.20763	0.130248	1.20158	1.20158	3.89162	0.778156	0.17774	1
cg05344747	CD59;CD59;CD59;CD59	0.000591407	0.808027	0.966064	-1.03513	9.27E-05	0.3718	-2.68962	0.898936	0.98214	-1.01818	0.00481713	0.588337	-1.69971	0.0985941	1.29291	1.29291	0.233165	0.837528	-1.19399	0.000598412	2.11948	2.11948	0.464246	1.11143	1.11143	0.00909976	0.624993	-1.60002	13.6386	4.3451	0.283189	1
cg05004480	CD59;CD59;CD59;CD59	0.0438825	0.00492318	0.427888	-2.33706	0.824493	1.05192	1.05192	0.0118303	2.04665	2.04665	0.865844	0.962202	-1.03928	0.84683	1.04505	1.04505	0.160156	0.710379	-1.4077	0.897356	1.02985	1.02985	0.572602	0.878163	-1.13874	0.404083	1.21477	1.21477	3.55882	2.9269	0.731054	1
cg13241807	CD59;CD59;CD59;CD59;CD59;CD59;CD59;CD59	7.26E-06	0.725775	1.06212	1.06212	0.323781	0.839958	-1.19054	0.00235512	2.06719	2.06719	0.000471092	0.390516	-2.56071	5.39E-06	0.171668	-5.82521	7.26E-07	0.101015	-9.89951	0.00680966	1.82212	1.82212	0.393631	1.1613	1.1613	0.0273756	1.5631	1.5631	44.0816	20.4475	0.412316	1
cg06801676	CD59;CD59;CD59;CD59;CD59;CD59;CD59;CD59	0.0208005	0.425888	0.789796	-1.26615	0.0343604	2.04693	2.04693	0.211777	0.68265	-1.46488	0.77789	1.08554	1.08554	0.203757	0.677525	-1.47596	0.43529	1.25989	1.25989	0.00100099	0.24222	-4.12847	0.592963	1.16953	1.16953	0.187425	0.66665	-1.50004	4.64213	6.19297	1.18585	1
cg23903301	CD59;CD59;CD59;CD59;CD59;CD59;CD59;CD59	0.0296501	0.098875	0.520473	-1.92133	0.0260701	2.59337	2.59337	0.13349	1.79338	1.79338	0.0425043	0.430417	-2.32333	0.439122	1.32946	1.32946	0.988485	1.00522	1.00522	0.175763	1.68125	1.68125	0.961636	1.01751	1.01751	0.0108283	0.315074	-3.17386	4.10388	8.46505	1.83351	1
cg24674703	CD5;CD5	0.0263603	0.626122	0.888923	-1.12496	0.872234	1.03935	1.03935	0.00593909	0.421975	-2.36981	0.107367	0.656096	-1.52417	0.446052	1.20475	1.20475	0.0213671	0.515182	-1.94106	0.0247057	1.89902	1.89902	0.658773	0.898904	-1.11247	0.0840926	0.632327	-1.58146	4.27744	3.89607	0.809637	1
cg00299736	CD5;CD5	0.0316364	0.584305	0.817069	-1.22389	0.00550498	0.263319	-3.79768	0.00425956	0.246951	-4.04938	0.0357427	0.409196	-2.44382	0.966285	1.01558	1.01558	0.799466	1.09755	1.09755	0.313232	0.682893	-1.46436	0.574076	0.812478	-1.2308	0.0341967	0.405098	-2.46854	4.01023	8.49265	1.88244	1
cg00995854	CD5L	1.60E-05	5.29E-06	0.108166	-9.24506	0.152144	1.39167	1.39167	4.05E-05	0.184868	-5.40925	0.000183105	0.255974	-3.90665	3.38E-05	0.177173	-5.6442	0.000247516	0.27152	-3.68297	0.000431052	0.30124	-3.31961	0.00115527	0.357491	-2.79728	1.17E-05	0.135249	-7.3938	35.8936	26.3875	0.653474	1
cg03761113	CD5L	7.40E-05	5.05E-06	0.0508664	-19.6593	0.0845774	1.72805	1.72805	0.000376444	0.19595	-5.10335	0.000941122	0.243009	-4.11507	0.0412151	0.509015	-1.96458	0.00470418	0.340589	-2.93609	0.0909783	0.586332	-1.70552	5.78E-05	0.11788	-8.48321	0.00163872	0.274424	-3.644	23.9964	31.2467	1.15746	1
cg11139878	CD5L	0.000360243	4.96E-05	0.101214	-9.88005	0.0499593	1.95849	1.95849	0.00687631	0.349172	-2.86391	0.00643151	0.344503	-2.90273	0.0187896	0.424872	-2.35365	0.00562567	0.335283	-2.98255	0.287269	0.717331	-1.39406	0.00021964	0.156966	-6.37082	0.000913379	0.225266	-4.43919	15.6447	22.3999	1.2727	1
cg01637734	CD5L	0.000649801	4.54E-05	0.0604735	-16.5362	0.815669	1.08867	1.08867	0.010126	0.307203	-3.25518	0.00131396	0.182456	-5.48077	0.549026	1.24682	1.24682	0.119487	0.540824	-1.84903	0.502353	1.28106	1.28106	0.00177507	0.198074	-5.04862	0.00186263	0.200655	-4.98367	13.2848	27.8506	1.86349	1
cg19904031	CD5L	0.00381557	0.00245025	0.234413	-4.26598	0.520374	1.2514	1.2514	0.00854665	0.315112	-3.17348	0.0163254	0.363999	-2.74726	0.287612	1.4623	1.4623	0.194951	0.623839	-1.60298	0.295599	1.45254	1.45254	0.333098	0.709181	-1.41008	0.000443107	0.148256	-6.74511	7.96487	14.9443	1.6678	1
cg23992209	CD5L	0.00747819	0.000783223	0.0458984	-21.7872	0.132462	0.373454	-2.67771	0.0925069	0.325225	-3.0748	0.332754	0.545426	-1.83343	0.00484183	0.103626	-9.6501	0.128481	0.369045	-2.7097	0.00755402	0.124292	-8.0456	0.00494678	0.104552	-9.56464	0.0140713	0.158979	-6.29014	6.47992	37.775	5.18182	1
cg26427109	CD6	5.23E-05	0.795264	0.946599	-1.05641	0.000809792	2.9045	2.9045	6.00E-06	0.117385	-8.51901	0.0222024	0.5607	-1.78349	0.0511441	1.59797	1.59797	0.739805	1.07287	1.07287	0.00281502	0.419582	-2.38333	0.0683703	1.53825	1.53825	8.49E-05	0.225215	-4.44019	26.3108	18.5599	0.627033	1
cg13014558	CD6	9.53E-05	7.20E-05	0.154791	-6.46034	0.288183	0.752348	-1.32917	7.19E-05	0.154713	-6.46359	0.0173233	0.473328	-2.1127	0.000135085	0.181634	-5.50557	0.00771673	0.413429	-2.4188	1.27E-05	0.0934752	-10.698	0.0813263	0.607363	-1.64646	0.00127166	0.297267	-3.36397	22.4302	23.6577	0.937533	1
cg21939215	CD6	0.000336604	0.0194748	0.50752	-1.97036	0.0964385	1.5501	1.5501	2.37E-05	0.131886	-7.58228	0.000870875	0.301357	-3.31832	0.000420678	0.261232	-3.82801	0.800271	1.06277	1.06277	0.311121	0.77751	-1.28616	0.718253	0.916669	-1.09091	0.00286511	0.373349	-2.67846	15.9392	14.5584	0.811886	1
cg05181784	CD6	0.0132801	0.930242	1.03142	1.03142	0.724387	0.882411	-1.13326	0.181903	0.606111	-1.64986	0.0352363	2.37885	2.37885	0.0340551	0.417229	-2.39676	0.114731	0.545465	-1.8333	0.0548619	0.463282	-2.15851	0.00554824	3.62404	3.62404	0.0377267	2.3434	2.3434	5.39244	10.6638	1.75782	1
cg08792703	CD6	0.0260322	0.313135	1.30265	1.30265	0.42604	0.813843	-1.22873	0.00747935	0.417834	-2.3933	0.116496	0.649051	-1.54071	0.0297413	0.522923	-1.91233	0.0277187	1.93378	1.93378	0.792156	0.935261	-1.06922	0.541159	1.16973	1.16973	0.0511666	0.569612	-1.75558	4.29621	4.37011	0.904177	1
cg05956244	CD6	0.0332969	0.30152	1.30562	1.30562	0.701686	0.90857	-1.10063	0.107656	0.645715	-1.54867	0.0207669	2.00066	2.00066	0.0313143	0.532959	-1.87632	0.171053	0.695513	-1.43779	0.0982597	0.636496	-1.5711	0.0409344	0.555564	-1.79997	0.0585903	0.58726	-1.70282	3.93736	3.87036	0.873763	1
cg08354187	CD6	0.0469313	0.323542	1.19351	1.19351	0.027694	1.57076	1.57076	0.344264	0.844494	-1.18414	0.0475396	1.48172	1.48172	0.630429	0.919335	-1.08774	0.332284	1.18949	1.18949	0.00352399	1.9866	1.9866	0.526343	1.11782	1.11782	0.121333	1.33831	1.33831	3.47033	1.65435	0.423745	1
cg03599547	CD63;CD63	0.000324821	0.0155504	0.680496	-1.46952	6.88E-06	0.274414	-3.64413	0.000446125	0.487378	-2.0518	0.168121	0.826501	-1.20992	0.00138576	0.548054	-1.82464	0.220724	0.846184	-1.18178	0.808187	0.96894	-1.03206	0.10918	0.797231	-1.25434	0.499417	0.914896	-1.09302	16.0957	4.2903	0.236932	1
cg11848173	CD63;CD63	0.000485147	0.0498116	0.6019	-1.66141	0.101874	0.666118	-1.50124	0.0133661	0.498947	-2.00422	0.594183	1.12977	1.12977	0.000985301	0.329132	-3.03829	0.00929123	0.472921	-2.11452	1.20E-05	0.122631	-8.15456	0.797082	1.06021	1.06021	0.00624502	0.445452	-2.24491	14.4105	11.75	0.724776	1
cg21008399	CD63;CD63	0.00305984	0.0117887	0.53909	-1.85498	0.00681325	0.502239	-1.99108	0.0151598	0.556496	-1.79696	0.677378	1.08567	1.08567	0.0016768	0.413723	-2.41708	0.0393473	0.626059	-1.59729	0.000287658	0.312683	-3.19813	0.786958	1.05466	1.05466	0.090813	0.693509	-1.44194	8.50809	5.20031	0.543306	1
cg22249612	CD63;CD63	0.00634612	0.0480678	0.384541	-2.6005	0.742105	1.14989	1.14989	0.376452	0.681203	-1.46799	0.223106	1.71851	1.71851	0.00455369	0.202252	-4.94432	0.0185598	0.298968	-3.34483	0.000425044	0.094369	-10.5967	0.137724	0.508606	-1.96616	0.041336	0.3696	-2.70563	6.81984	19.3231	2.51855	1
cg01228893	CD63;CD63	0.0176051	0.255016	1.24904	1.24904	0.0237847	0.603578	-1.65679	0.00200211	0.442137	-2.26174	0.498214	0.87927	-1.13731	0.415359	1.16857	1.16857	0.0960459	1.40778	1.40778	0.127849	0.734885	-1.36076	0.0372754	0.636123	-1.57202	0.904843	1.02263	1.02263	4.91159	2.72369	0.492927	1
cg17169123	CD63;CD63	0.026846	0.116657	0.788224	-1.26867	0.142716	1.24599	1.24599	0.183319	1.21785	1.21785	0.08331	0.765195	-1.30686	0.148657	0.805537	-1.24141	0.00398533	0.582548	-1.7166	0.267345	0.85103	-1.17505	0.322013	0.866913	-1.15352	0.0815474	1.3093	1.3093	4.25018	1.31176	0.274344	1
cg21601059	CD63;CD63	0.0355913	0.812894	1.03802	1.03802	0.445541	1.1302	1.1302	0.696925	1.06354	1.06354	0.705515	1.06157	1.06157	0.154718	1.27089	1.27089	0.138623	1.2852	1.2852	0.001911	0.500654	-1.99739	0.261609	1.20231	1.20231	0.0925319	1.33825	1.33825	3.84373	1.50795	0.348725	1
cg15095917	CD68;CD68	0.000209842	0.00429983	0.627131	-1.59456	0.00201351	0.587136	-1.70318	0.14415	0.825521	-1.21136	0.370757	1.11887	1.11887	4.59E-05	0.390212	-2.56271	0.0107996	0.676173	-1.47891	0.701589	1.04817	1.04817	0.00895091	1.50126	1.50126	8.45E-05	0.421544	-2.37223	18.1333	4.28897	0.210244	1
cg21808406	CD68;CD68	0.0020124	0.142057	1.32289	1.32289	0.00804681	1.82546	1.82546	0.104402	1.36982	1.36982	0.107981	1.36465	1.36465	0.0295874	0.635038	-1.57471	0.553273	0.89914	-1.11217	0.0317339	0.639977	-1.56256	0.000176773	3.08633	3.08633	0.140117	0.754735	-1.32497	9.62456	4.7902	0.442406	1
cg24219033	CD68;CD68	0.0107716	0.910274	1.05083	1.05083	0.425962	1.42983	1.42983	0.144733	0.502103	-1.99162	0.0792936	2.35564	2.35564	0.00140707	0.130835	-7.64322	0.473187	1.37834	1.37834	0.00904975	4.30237	4.30237	0.0714729	2.42378	2.42378	0.592727	0.788618	-1.26804	5.77138	17.6826	2.72342	1
cg18900669	CD68;CD68	0.0173573	0.962711	0.98706	-1.01311	0.0064214	2.6849	2.6849	0.277587	1.36965	1.36965	0.025283	2.09797	2.09797	0.626184	0.872186	-1.14654	0.276209	1.37099	1.37099	0.703805	0.899056	-1.11228	0.00119165	3.75626	3.75626	0.658422	0.883429	-1.13195	4.93499	6.06564	1.09254	1
cg05270696	CD68;CD68	0.0247144	0.210371	0.659149	-1.51711	0.00399338	3.39356	3.39356	0.218423	1.505	1.505	0.915922	0.967202	-1.03391	0.378481	0.751761	-1.33021	0.275275	1.43107	1.43107	0.596872	0.844884	-1.18359	0.0348143	2.17458	2.17458	0.0256169	0.432862	-2.3102	4.37467	6.90916	1.40387	1
cg05209483	CD68;CD68;CD68;CD68	0.0469504	0.289368	0.715565	-1.3975	0.110863	1.69662	1.69662	0.124927	1.65779	1.65779	0.788345	0.921376	-1.08533	0.0522759	0.510802	-1.9577	0.579726	0.84347	-1.18558	0.207759	0.667486	-1.49816	0.0271636	2.21614	2.21614	0.0385123	0.482137	-2.0741	3.4698	5.08944	1.30381	1
cg07354583	CD69;CD69;CD69	0.00341237	0.195176	0.719918	-1.38905	0.000507216	0.271723	-3.68022	0.0267339	0.532835	-1.87676	0.0410875	0.568192	-1.75997	0.252497	1.33199	1.33199	0.175385	1.41286	1.41286	0.00830756	2.2461	2.2461	0.208106	1.37481	1.37481	0.0578759	0.597939	-1.67241	8.23602	7.50332	0.809811	1
cg09902130	CD6;CD6	0.000257082	0.00682307	0.667115	-1.49899	0.000152382	2.1176	2.1176	0.00239138	0.613342	-1.63041	0.00024077	0.495704	-2.01733	0.0125638	1.43121	1.43121	0.0750363	0.795341	-1.25732	0.930907	1.01007	1.01007	0.627206	0.94504	-1.05816	0.00555347	0.656524	-1.52317	17.1588	3.6254	0.187809	1
cg07380416	CD6;CD6	0.00319103	0.0284037	0.53865	-1.85649	0.329271	0.786002	-1.27226	0.000705789	0.290949	-3.43703	0.00356825	0.389014	-2.5706	0.955179	1.01353	1.01353	0.000792011	0.297445	-3.36197	0.666109	1.1094	1.1094	0.462808	1.19571	1.19571	0.0164237	0.495944	-2.01636	8.40248	7.61153	0.805215	1
cg09153080	CD6;CD6	0.00395724	0.125522	0.730436	-1.36905	0.898517	1.02447	1.02447	0.000224795	0.312604	-3.19894	0.00649135	0.511555	-1.95482	0.734839	0.937624	-1.06653	0.80423	0.954037	-1.04818	0.0229846	1.67407	1.67407	0.92202	1.01872	1.01872	0.0267728	0.608279	-1.64398	7.87797	4.47842	0.50531	1
cg25890092	CD7	0.000112804	0.987229	0.997111	-1.0029	0.015493	1.71064	1.71064	0.752312	0.944368	-1.05891	0.0463333	0.661907	-1.51079	0.00189638	0.451246	-2.21608	0.00167053	0.44365	-2.25403	0.00234432	0.464053	-2.15493	3.45E-06	0.138758	-7.2068	0.363688	1.18385	1.18385	21.4377	11.0976	0.460149	1
cg09944616	CD7	0.000118977	0.484111	0.865117	-1.15591	0.00351458	0.446384	-2.24022	0.0041052	0.456334	-2.19138	0.23007	0.77369	-1.29251	1.97E-05	0.171512	-5.83051	8.72E-05	0.238378	-4.19503	0.000209773	0.282689	-3.53746	7.42E-05	0.230633	-4.3359	0.00386747	0.4525	-2.20994	21.1336	13.8971	0.584519	1
cg25877299	CD7	0.000172861	0.885827	1.02887	1.02887	0.322051	1.22466	1.22466	0.0937658	0.694128	-1.44066	0.807749	0.952851	-1.04948	0.0119023	0.536941	-1.8624	0.00539599	0.484022	-2.06602	0.000249818	0.302049	-3.31072	4.31E-06	0.122271	-8.17856	0.620198	1.10403	1.10403	19.111	11.8793	0.552532	1
cg20186396	CD7	0.00019512	0.23197	1.11165	1.11165	0.21275	1.11718	1.11718	0.000445687	0.626347	-1.59656	0.778601	0.976482	-1.02408	1.72E-05	0.475151	-2.10459	0.054067	1.20276	1.20276	0.00116164	1.49597	1.49597	0.434806	1.0696	1.0696	0.121706	0.867918	-1.15218	18.4946	2.0883	0.100368	1
cg25662857	CD7	0.000565764	0.588086	0.8999	-1.11123	0.705531	1.07597	1.07597	0.00455173	0.482454	-2.07274	0.813312	1.04669	1.04669	0.000719764	0.370596	-2.69836	0.00828508	0.521477	-1.91763	0.000568652	0.35715	-2.79994	4.26E-05	0.222979	-4.48472	0.0274406	0.60464	-1.65388	13.8081	8.13552	0.52372	1
cg18400182	CD7	0.00103583	0.457302	0.882745	-1.13283	0.00551936	0.548283	-1.82387	0.0953545	0.739409	-1.35243	0.113403	1.32822	1.32822	0.000362717	0.389914	-2.56467	0.336662	1.1773	1.1773	0.0155309	0.613226	-1.63072	0.000262082	0.361842	-2.76363	0.00355121	0.521521	-1.91747	11.6496	5.00883	0.382184	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11294761	CD7	0.00162022	0.0461453	0.649111	-1.54057	0.00788544	0.524848	-1.90531	0.338548	0.829787	-1.20513	0.0320454	1.60808	1.60808	0.715597	0.933132	-1.07166
cg02806739	CD7	0.00783525	0.122498	2.12503	2.12503	0.631708	1.24299	1.24299	0.11954	0.467288	-2.14001	0.655543	1.22412	1.22412	0.75726	0.869671	-1.14986
cg21702934	CD7	0.0199278	0.0367887	0.265584	-3.76528	0.0319502	0.252642	-3.95817	0.00931996	0.160498	-6.23059	0.114264	0.394937	-2.53205	0.0100023	0.164905	-6.0641
cg06692929	CD7	0.0204246	0.0903256	2.20154	2.20154	0.0229161	3.16051	3.16051	0.312009	1.55616	1.55616	0.158472	1.89157	1.89157	0.0301588	2.93875	2.93875
cg00891191	CD7	0.0269122	0.192473	1.1327	1.1327	0.253172	0.897809	-1.11382	0.979956	1.00227	1.00227	0.803894	0.977778	-1.02273	0.0204947	0.777102	-1.28683
cg00055617	CD7	0.0490092	0.019565	5.28325	5.28325	0.00744593	7.63999	7.63999	0.0766152	3.19638	3.19638	0.154261	2.45905	2.45905	0.133928	2.59526	2.59526
cg03677492	CD7	0.0492844	0.0555256	2.78293	2.78293	0.0222505	3.64157	3.64157	0.390411	1.51452	1.51452	0.216601	1.84644	1.84644	0.286841	1.68481	1.68481
cg11904429	CD70	1.95E-05	6.84E-06	0.0983448	-10.1683	0.0291192	1.81813	1.81813	0.000327646	0.25941	-3.85491	0.5047	0.854381	-1.17044	0.0148796	0.49839	-2.00646
cg14870229	CD70	0.000164298	0.000690075	2.07753	2.07753	0.666919	0.940718	-1.06302	0.0193405	1.49067	1.49067	0.0902704	1.30145	1.30145	0.718574	0.950206	-1.0524
cg22633597	CD70	0.000205325	0.00323649	0.222971	-4.48489	0.000167174	10.9663	10.9663	0.909278	0.958302	-1.04351	0.00186745	5.20099	5.20099	0.00430589	0.240193	-4.16332
cg26737640	CD70	0.00131745	0.315955	1.41377	1.41377	0.00912087	3.02296	3.02296	0.000370318	6.70647	6.70647	0.563636	1.21527	1.21527	0.586767	1.20116	1.20116
cg23263923	CD70	0.00437788	0.136177	0.812585	-1.23064	0.736873	0.957351	-1.04455	0.195179	1.19374	1.19374	0.0234038	0.704657	-1.41913	0.11695	0.802419	-1.24623
cg24778383	CD70	0.0124806	0.0566401	1.44816	1.44816	0.0677381	1.42076	1.42076	0.0843374	1.38777	1.38777	0.719835	0.940058	-1.06376	0.347413	0.847011	-1.18062
cg14016344	CD72	0.0266017	0.0355205	4.81835	4.81835	0.016237	6.61009	6.61009	0.175292	2.52449	2.52449	0.130682	2.85367	2.85367	0.187206	2.45494	2.45494
cg03487430	CD72	0.0480228	0.739957	1.0758	1.0758	0.784545	0.941656	-1.06196	0.00410282	0.429708	-2.32716	0.937498	1.01735	1.01735	0.0692669	0.640296	-1.56178
cg16591228	CD74;CD74;CD74	0.000160699	0.000333776	0.434404	-2.302	0.0297633	0.691805	-1.44549	0.129854	1.2658	1.2658	0.00492745	0.584767	-1.71008	2.60E-05	0.301261	-3.31938
cg19966212	CD74;CD74;CD74	0.00189373	0.0651259	0.440447	-2.27042	0.0308509	0.366449	-2.72889	0.000412353	0.108608	-9.20746	0.0736782	0.454063	-2.20234	0.00145926	0.162013	-6.17236
cg22183016	CD74;CD74;CD74	0.00349048	0.0493903	0.40914	-2.44415	0.00272121	0.192139	-5.20457	0.34815	0.680507	-1.46949	0.1881	0.573615	-1.74333	0.0612991	0.431614	-2.31688
cg25988603	CD74;CD74;CD74	0.00836654	0.0177348	0.585492	-1.70797	0.120726	0.731679	-1.36672	0.0506447	0.661365	-1.51202	0.694077	0.929242	-1.07615	0.000752958	0.387241	-2.58237
cg11619961	CD74;CD74;CD74	0.011323	0.0273545	0.277804	-3.59966	0.12675	0.444667	-2.24887	0.00277419	0.132093	-7.57043	0.105702	0.420158	-2.38005	0.00555084	0.167344	-5.9757
cg18664712	CD74;CD74;CD74	0.0141701	0.0108953	0.354996	-2.81694	0.481904	0.793263	-1.26062	0.0837553	0.537894	-1.8591	0.052962	0.49036	-2.03932	0.0103927	0.351478	-2.84513
cg09467825	CD74;CD74;CD74	0.0166172	0.0282153	0.707889	-1.41265	0.0570332	0.750437	-1.33256	0.0699384	0.763243	-1.3102	0.118586	1.25344	1.25344	0.684106	1.05605	1.05605
cg09970481	CD79A;CD79A	0.00109608	?	?	?	0.00143565	0.0791903	-12.6278	0.0723771	0.331804	-3.01383	0.000854738	0.0635261	-15.7416	0.000470808	0.0486372	-20.5604
cg19825589	CD79A;CD79A	0.0218141	0.00778133	0.0691468	-14.462	0.159261	0.308505	-3.24144	0.0909993	0.233287	-4.28657	0.12507	0.27308	-3.66193	0.019091	0.108853	-9.18674
cg06448249	CD79A;CD79A	0.0359629	0.081395	0.389443	-2.56777	0.337838	0.617321	-1.6199	0.0483885	0.332513	-3.0074	0.849958	1.09686	1.09686	0.00968356	0.202311	-4.94289
cg23251296	CD79B;CD79B;CD79B	0.000388143	0.000847895	0.492964	-2.02855	0.000192965	0.412668	-2.42325	0.000177481	0.408208	-2.44973	0.00127078	0.51531	-1.94058	0.000256309	0.427872	-2.33715
cg25729716	CD79B;CD79B;CD79B	0.00112925	0.215556	0.874049	-1.1441	0.774701	0.970796	-1.03008	0.000177432	0.518811	-1.92748	0.249936	0.883226	-1.13221	0.0273258	1.30953	1.30953
cg07973967	CD79B;CD79B;CD79B	0.0438192	0.226256	0.688142	-1.45319	0.00911188	0.377357	-2.65001	0.00515582	0.337386	-2.96397	0.0759405	0.559353	-1.78778	0.0197535	0.436874	-2.28899
cg04602992	CD79B;CD79B;CD79B;CD79B;CD79B;CD79B	0.0358196	0.122683	0.663397	-1.50739	0.134661	0.673184	-1.48548	0.0106932	0.455108	-2.19728	0.0468258	0.572136	-1.74784	0.826825	0.947661	-1.05523
cg08355301	CD79B;CD79B;CD79B;CD79B;CD79B;CD79B	0.0424336	0.458029	0.645766	-1.54855	0.0185306	0.182755	-5.47182	0.00516463	0.107565	-9.29674	0.0639432	0.294085	-3.40038	0.080625	0.320956	-3.11569
cg19914554	CD7;CD7	0.00179671	0.0445826	0.542796	-1.84231	0.660489	0.889492	-1.12424	0.0257791	0.495859	-2.0167	0.0890076	0.608395	-1.64367	0.00284717	0.336842	-2.96875
cg13913728	CD80	0.0168597	0.0053584	2.7107	2.7107	0.233169	0.711839	-1.40481	0.255114	0.723929	-1.38135	0.215839	0.701749	-1.42501	0.0343676	0.511158	-1.95634
cg13458803	CD80	0.020367	0.0477941	0.567672	-1.76158	0.0548931	0.580018	-1.72408	0.00147704	0.317345	-3.15114	0.816216	0.943416	-1.05998	0.145495	0.676344	-1.47854
cg03713609	CD81	0.000106715	0.883637	0.973227	-1.02751	0.00310826	2.116	2.116	0.275658	1.23385	1.23385	0.00850171	0.53667	-1.86334	3.76E-05	0.230627	-4.33601
cg18072687	CD81	0.000310012	0.00503969	0.518864	-1.92729	0.57758	0.905273	-1.10464	0.835747	1.03741	1.03741	0.226384	1.25193	1.25193	1.28E-05	0.197407	-5.06569
cg01803049	CD81	0.000710019	0.0228231	0.560232	-1.78498	0.143214	0.715613	-1.3974	0.128775	1.41788	1.41788	0.0872908	0.669289	-1.49412	0.0060315	0.466253	-2.14476
cg19712490	CD81	0.00160143	0.0470038	0.755061	-1.3244	0.120068	1.23171	1.23171	0.631396	0.942012	-1.06156	0.118655	1.23286	1.23286	0.00521122	0.634082	-1.57708
cg14763104	CD81	0.00209992	0.0878325	0.71674	-1.39521	0.087659	0.716583	-1.39551	0.701849	0.934263	-1.07036	0.000540367	2.58853	2.58853	0.000587378	0.391038	-2.5573
cg19604470	CD81	0.00316333	0.812692	1.02294	1.02294	0.0735563	1.21004	1.21004	0.156839	1.15571	1.15571	0.0887083	0.835728	-1.19656	0.679841	1.04045	1.04045
cg09202263	CD81	0.00624377	0.0703076	0.790924	-1.26434	0.967631	1.00472	1.00472	0.000913729	1.77655	1.77655	0.0474533	1.30068	1.30068	0.349952	0.894453	-1.118
cg04355222	CD81	0.00638851	0.131868	1.32745	1.32745	0.000240136	2.88244	2.88244	0.733559	1.06131	1.06131	0.0199998	1.6306	1.6306	0.100459	0.730954	-1.36808
cg04151290	CD81	0.00691558	0.00482533	0.421722	-2.37123	0.771595	1.06953	1.06953	0.281549	1.29491	1.29491	0.441068	0.834087	-1.19892	0.12771	0.683648	-1.46274
cg04610897	CD81	0.00800098	0.994904	0.997955	-1.00205	0.820054	0.929573	-1.07576	0.0558506	0.499393	-2.00243	0.741359	1.112	1.112	0.00092106	0.204586	-4.88793
cg11705746	CD81	0.0110862	0.0234919	0.352338	-2.83818	0.0860023	2.07795	2.07795	0.127239	1.88855	1.88855	0.137129	0.539408	-1.85388	0.552935	1.26037	1.26037
cg18169610	CD81	0.0227312	0.655113	1.08668	1.08668	0.00374239	2.06225	2.06225	0.255098	1.2457	1.2457	0.112754	1.37604	1.37604	0.0690311	0.686468	-1.45673
cg24436578	CD81	0.0229739	0.277774	0.757136	-1.32077	0.565076	1.15415	1.15415	0.1708	1.43263	1.43263	0.810452	0.942492	-1.06102	0.00586323	0.41107	-2.43268
cg26393255	CD81	0.0234963	0.00110085	0.485728	-2.05877	0.60848	0.925392	-1.08062	0.931596	0.987199	-1.01297	0.869085	1.02506	1.02506	0.0956268	1.31616	1.31616
cg15936385	CD81	0.0265662	0.743596	0.934838	-1.0697	0.88657	0.971124	-1.02974	0.0218912	0.568571	-1.7588	0.40549	1.19092	1.19092	0.273568	0.791432	-1.26353
cg11356794	CD81	0.0303536	0.134737	0.775327	-1.28978	0.0564391	0.711175	-1.40612	0.595581	0.91894	-1.08821	0.00692862	0.576119	-1.73575	0.118025	0.765027	-1.30714
cg02525637	CD81	0.0344276	0.452167	0.858802	-1.16441	0.122885	1.39402	1.39402	0.0583069	0.653636	-1.5299	0.0580987	1.53058	1.53058	0.0458894	0.634599	-1.5758
cg01517776	CD81	0.042457	0.302469	0.522098	-1.91535	0.00467395	0.10146	-9.85612	0.711093	0.797437	-1.25402	0.534963	0.682298	-1.46563	0.0194625	0.179334	-5.5762
cg26438284	CD81	0.0433815	0.80122	0.914994	-1.0929	0.0912235	0.519412	-1.92525	0.0821723	0.507561	-1.97021	0.0844849	1.95818	1.95818	0.00780135	0.300367	-3.32926
cg07804260	CD81	0.0454457	0.0704739	2.38209	2.38209	0.619901	1.23945	1.23945	0.0219167	3.25606	3.25606	0.10659	2.1308	2.1308	0.503502	1.33841	1.33841
cg01199327	CD82;CD82	0.000342251	0.794284	1.04565	1.04565	0.855769	1.03157	1.03157	0.00139638	0.453445	-2.20534	0.15354	1.29827	1.29827	0.00030509	0.367114	-2.72395
cg17015506	CD82;CD82	0.000988719	0.00842056	0.613703	-1.62945	6.86E-05	2.87536	2.87536	0.181905	0.814165	-1.22825	0.0316965	0.693906	-1.44112	0.142764	0.795677	-1.25679
cg17605814	CD82;CD82	0.0121412	0.0237032	0.611476	-1.63539	0.327546	0.831852	-1.20214	0.103282	0.722822	-1.38347	0.493241	0.880955	-1.13513	0.00044115	0.363898	-2.74802
cg22697239	CD82;CD82	0.0125918	0.939693	1.02614	1.02614	0.419977	1.32452	1.32452	0.120548	0.563077	-1.77596	0.170753	1.64467	1.64467	0.0234662	0.397236	-2.51739
cg05157370	CD82;CD82	0.0174899	0.050504	0.474974	-2.10538	0.78881	1.09382	1.09382	0.877133	1.05304	1.05304	0.182375	0.6233	-1.60436	0.00546072	0.295009	-3.38973
cg07156876	CD82;CD82	0.0218668	0.828264	0.965191	-1.03606	0.0577325	0.704734	-1.41897	0.00360677	0.525931	-1.90139	0.0760189	0.724706	-1.37987	0.546732	1.10458	1.10458
cg22266693	CD82;CD82	0.0436752	0.10304	1.64308	1.64308	0.410333	1.26418	1.26418	0.43339	0.800444	-1.24931	0.781763	1.08039	1.08039	0.245161	0.712852	-1.40282
cg05282559	CD82;CD82	0.0453684	0.210334	1.91309	1.91309	0.157148	2.10338	2.10338	0.0833605	0.389857	-2.56504	0.788923	0.876459	-1.14096	0.128113	0.445581	-2.24426
cg01288598	CD83;CD83	0.00180918	0.0864657	0.80073	-1.24886	0.0246238	1.36897	1.36897	0.855269	1.02166	1.02166	0.13927	0.829673	-1.20529	0.0165356	0.709221	-1.41
cg11874760	CD83;CD83	0.0114239	0.0142201	0.292692	-3.41656	0.00616646	0.234266	-4.26865	0.0110874	0.274213	-3.64681	0.445276	0.728985	-1.37177	0.00245663	0.180609	-5.53683
cg12047860	CD83;CD83	0.0284847	0.800693	1.06337	1.06337	0.00678155	0.426433	-2.34504	0.00659049	0.424456	-2.35596	0.522302	0.854263	-1.1706	0.00797442	0.437745	-2.28444
cg26525121	CD83;CD83	0.030974	0.0212702	0.402554	-2.48414	0.226153	0.658548	-1.51849	0.273306	0.687489	-1.45457	0.697864	1.1368	1.1368	0.0100752	0.343939	-2.90749
cg16776350	CD84	0.000372947	0.000167029	0.205883	-4.85712	0.0653903	0.600521	-1.66522	0.000212071	0.217337	-4.60116	0.772895	1.07395	1.07395	0.00263409	0.358311	-2.79087
cg12034938	CD84	0.00411878	0.159424	0.595818	-1.67837	0.324965	0.704655	-1.41913	0.000851376	0.177946	-5.61969	0.000392498	0.142942	-6.99585	0.0554258	0.473456	-2.11213
cg19718360	CD84	0.00661149	0.00982589	0.204192	-4.89735	0.0442743	0.324731	-3.07947	0.00378203	0.149279	-6.69886	0.227086	0.539398	-1.85392	0.00989559	0.204652	-4.88635
cg24691964	CD84	0.0145776	0.134888	0.628526	-1.59102	0.16902	0.655617	-1.52528	0.0192565	0.44232	-2.26081	0.0464771	0.5184	-1.92901	0.00586045	0.353755	-2.82682
cg19312356	CD84	0.0151428	0.0111259	0.32394	-3.08699	0.367967	0.720713	-1.38751	0.00491318	0.267183	-3.74275	0.641526	0.846998	-1.18064	0.0959116	0.523276	-1.91104
cg13978689	CD84	0.0463687	0.0933795	0.328981	-3.03969	0.170149	0.414735	-2.41118	0.00626602	0.116993	-8.54755	0.192596	0.435724	-2.29503	0.0137184	0.159481	-6.27034
cg11874272	CD86	0.0181656	0.0301821	0.25937	-3.8555	0.183889	0.474091	-2.1093	0.0424792	0.290289	-3.44484	0.0117719	0.189074	-5.28894	0.00289166	0.114342	-8.74569
cg01878435	CD86	0.0323913	0.0177254	0.285021	-3.50851	0.0616983	0.40013	-2.49919	0.00718969	0.220864	-4.52766	0.0736727	0.419841	-2.38185	0.00924484	0.237432	-4.21174
cg04387658	CD86	0.0338316	0.859185	0.952005	-1.05041	0.0741233	0.576249	-1.73536	0.00149778	0.281482	-3.55262	0.333467	0.758582	-1.31825	0.584783	0.858279	-1.16512
cg16331599	CD86;CD86	9.09E-05	9.35E-06	0.090764	-11.0176	0.000944928	0.290406	-3.44345	0.00126917	0.307502	-3.25202	2.26E-05	0.119005	-8.40298	0.00259762	0.351187	-2.84748
cg13617155	CD86;CD86	0.000108237	0.000198564	0.240204	-4.16312	0.525239	1.15824	1.15824	0.00355091	0.405916	-2.46356	3.70E-05	0.163605	-6.11228	5.00E-05	0.176146	-5.6771
cg09644952	CD86;CD86	0.00026268	4.11E-05	0.296561	-3.37198	0.719686	0.945513	-1.05763	0.000952664	0.465075	-2.15019	0.00213631	0.51134	-1.95565	0.0141112	0.624394	-1.60155
cg09838701	CD86;CD86	0.00309428	0.00123828	0.102189	-9.78577	0.164863	0.488787	-2.04588	0.031243	0.294914	-3.39081	0.745876	0.854617	-1.17011	0.000350484	0.0622937	-16.053
cg12323361	CD86;CD86	0.0339259	0.0294855	0.324644	-3.0803	0.0146464	0.267417	-3.73948	0.012985	0.258496	-3.86854	0.0245696	0.308777	-3.23858	0.25142	0.591055	-1.69189
cg17386466	CD8A	0.000373919	0.0850332	0.824423	-1.21297	9.81E-05	0.495816	-2.01688	3.59E-05	0.445914	-2.24259	0.040068	0.786194	-1.27195	0.00842183	0.710947	-1.40658
cg00670742	CD8A	0.00104387	0.177762	0.774215	-1.29163	0.194415	1.278	1.278	0.0156664	1.69782	1.69782	0.00567008	0.522843	-1.91262	0.0101379	0.56017	-1.78517
cg03196485	CD8A	0.00297733	0.771626	0.911687	-1.09687	0.843706	1.06472	1.06472	0.000197528	0.137075	-7.29528	0.625749	0.855428	-1.169	0.000550931	0.181924	-5.49681
cg07868273	CD8A	0.0067327	0.931283	0.982381	-1.01794	0.29602	0.799841	-1.25025	0.592929	1.11764	1.11764	0.0212518	0.56511	-1.76957	0.70963	0.925804	-1.08014
cg19410791	CD8A	0.0223632	0.0499485	5.24446	5.24446	0.00278519	21.2416	21.2416	0.0407223	5.76138	5.76138	0.17955	2.87676	2.87676	0.0335294	6.30153	6.30153
cg21116934	CD8A	0.0322029	0.120682	0.645262	-1.54976	0.564752	1.16359	1.16359	0.30482	1.31864	1.31864	0.652353	1.12529	1.12529	0.101904	0.627484	-1.59367
cg13681325	CD8A	0.0384263	0.385069	0.773479	-1.29286	0.978643	0.992309	-1.00775	0.0442592	0.513499	-1.94743	0.760443	1.09221	1.09221	0.328774	0.747721	-1.3374
cg06804210	CD8A	0.039822	0.087123	3.65254	3.65254	0.0270996	6.01437	6.01437	0.087047	3.65391	3.65391	0.146357	2.91304	2.91304	0.281041	2.15615	2.15615
cg12606911	CD8A	0.048859	0.0984316	8.94733	8.94733	0.0095339	52.989	52.989	0.1056	8.47956	8.47956	0.12236	7.57195	7.57195	0.0503746	14.8339	14.8339
cg13847640	CD8A	0.0497323	0.0191948	0.308987	-3.23638	0.0670996	0.427127	-2.34122	0.0926968	0.464453	-2.15307	0.7591	0.880293	-1.13598	0.0026339	0.178081	-5.61541
cg00916536	CD8A;CD8A;CD8A;CD8A	1.98E-05	0.057217	0.681177	-1.46805	2.71E-05	4.38387	4.38387	0.00406335	1.9905	1.9905	0.984649	0.996572	-1.00344	0.158202	0.763966	-1.30896
cg26057751	CD8A;CD8A;CD8A;CD8A	0.000143931	0.331345	1.25392	1.25392	0.0451649	1.68009	1.68009	0.0345652	1.74435	1.74435	1.00E-05	8.50386	8.50386	0.0348661	0.573977	-1.74223
cg08506127	CD8A;CD8A;CD8A;CD8A	0.000468387	0.0296744	0.663392	-1.5074	0.137145	0.773588	-1.29268	6.56E-05	0.308958	-3.23668	0.0787577	1.36754	1.36754	0.00108839	0.461683	-2.16599
cg12344862	CD8A;CD8A;CD8A;CD8A	0.000494114	0.184149	0.842662	-1.18672	0.15564	0.83143	-1.20275	0.00031648	0.492169	-2.03182	0.0235144	0.719835	-1.38921	2.11E-05	0.35295	-2.83326
cg07152196	CD8A;CD8A;CD8A;CD8A	0.000656879	0.501846	0.884218	-1.13094	0.00545939	1.93439	1.93439	0.00725111	0.535068	-1.86892	3.41E-05	4.25757	4.25757	0.215438	0.790271	-1.26539
cg09046939	CD8A;CD8A;CD8A;CD8A	0.00202832	0.00274817	0.55953	-1.78721	0.0818963	1.31113	1.31113	0.374669	0.879821	-1.1366	0.0479692	0.727839	-1.37393	0.0396703	0.715872	-1.3969
cg18830527	CD8A;CD8A;CD8A;CD8A	0.0032635	0.189394	0.768379	-1.30144	0.0189302	0.583535	-1.71369	0.000250314	0.318244	-3.14224	0.799193	1.0495	1.0495	0.00449854	0.487858	-2.04978
cg12653796	CD8A;CD8A;CD8A;CD8A	0.0156346	0.19174	0.777214	-1.28665	0.243458	0.800452	-1.24929	0.884597	0.973861	-1.02684	0.899541	0.97723	-1.0233	0.812906	1.04419	1.04419
cg18174654	CD8A;CD8A;CD8A;CD8A	0.0167832	0.0120484	0.236628	-4.22604	0.0168326	0.261174	-3.82886	0.0416182	0.339167	-2.9484	0.122611	0.462977	-2.15994	0.0139767	0.247276	-4.04407
cg09318840	CD8A;CD8A;CD8A;CD8A	0.0193955	0.117191	0.705785	-1.41686	0.878891	0.969262	-1.03171	0.00127305	0.381996	-2.61783	0.776286	0.943336	-1.06007	0.0673313	0.657207	-1.52159
cg13803976	CD8A;CD8A;CD8A;CD8A	0.0278947	0.842687	1.04396	1.04396	0.932222	1.01859	1.01859	0.318559	0.799944	-1.25009	0.000407626	3.37403	3.37403	0.791024	1.05919	1.05919
cg22999502	CD8B;CD8B;CD8B	0.00224101	0.151323	0.792509	-1.26182	0.458129	0.892017	-1.12106	0.000939364	0.474054	-2.10946	0.000257594	0.402584	-2.48396	0.0163366	0.641448	-1.55897
cg08777095	CD8B;CD8B;CD8B	0.0119549	0.604015	0.915818	-1.09192	0.250817	0.817365	-1.22344	0.000455299	0.395245	-2.53008	0.436719	1.14265	1.14265	0.306322	0.836937	-1.19483
cg18224038	CD8B;CD8B;CD8B	0.0395274	0.636377	1.16887	1.16887	0.558223	0.823657	-1.2141	0.0212829	0.403747	-2.4768	0.471018	1.27157	1.27157	0.00243945	0.251079	-3.98281
cg26135863	CD8B;CD8B;CD8B;CD8B;CD8B	0.00126919	0.371556	1.14196	1.14196	0.00501855	1.71104	1.71104	0.422933	1.12573	1.12573	0.0579543	1.36359	1.36359	0.0763762	1.3301	1.3301
cg26850754	CD8B;CD8B;CD8B;CD8B;CD8B	0.0146238	0.388726	1.08947	1.08947	0.0424517	0.797188	-1.25441	0.70141	1.03808	1.03808	0.788628	1.02641	1.02641	0.172831	1.1511	1.1511
cg27445883	CD8B;CD8B;CD8B;CD8B;CD8B	0.0463042	0.0957977	1.72819	1.72819	0.224592	1.46443	1.46443	0.486817	0.809544	-1.23526	0.289425	1.38935	1.38935	0.0320403	2.11937	2.11937
cg22222281	CD9	0.00217715	0.0356358	3.23672	3.23672	0.000172694	21.409	21.409	0.0142668	4.26995	4.26995	0.121188	2.2414	2.2414	0.362517	1.56755	1.56755
cg08519905	CD9	0.00329556	0.0954258	1.94801	1.94801	0.00046451	7.42072	7.42072	0.0511386	2.24452	2.24452	0.307249	1.46923	1.46923	0.356253	1.41256	1.41256
cg11620873	CD9	0.00696753	0.0226092	0.792679	-1.26154	0.0100166	1.31875	1.31875	0.0235825	1.2587	1.2587	0.0964885	0.856154	-1.16801	0.0288322	0.80303	-1.24528
cg07778290	CD9	0.0107385	0.306371	0.570461	-1.75297	0.445131	0.661948	-1.51069	0.521805	0.708835	-1.41076	0.0816536	2.78101	2.78101	0.455574	0.668437	-1.49603
cg08284733	CD9	0.0339268	0.450836	1.29549	1.29549	0.261507	1.48374	1.48374	0.511298	1.25168	1.25168	0.0563278	2.07136	2.07136	0.117294	1.77405	1.77405
cg00459232	CD9	0.0365563	0.254713	0.586455	-1.70516	0.0702519	2.47958	2.47958	0.966658	1.01893	1.01893	0.834501	1.09843	1.09843	0.0305358	0.319631	-3.12861
cg05212138	CD93	0.000339857	0.000144282	0.237186	-4.2161	3.16E-05	0.168244	-5.94375	0.0302316	0.571227	-1.75062	0.271953	0.777776	-1.28572	0.73823	1.0765	1.0765
cg10578007	CD93	0.000663675	0.000817045	0.135379	-7.38667	0.000146822	0.0751305	-13.3102	0.00153018	0.164027	-6.09656	0.00202832	0.178185	-5.61213	0.00284074	0.196223	-5.09624
cg20438277	CD93	0.00297906	0.00517067	0.125361	-7.97699	0.00154988	0.0772989	-12.9368	0.000477943	0.045789	-21.8393	0.00850446	0.151209	-6.61337	0.00396405	0.113117	-8.84041
cg07286123	CD93	0.00357662	0.00923385	0.152043	-6.57709	0.000494243	0.0446401	-22.4014	0.00098542	0.0613074	-16.3112	0.0162072	0.187053	-5.34607	0.0149866	0.181798	-5.50061
cg21023001	CD93	0.00383171	0.0061075	0.172466	-5.79823	0.000740723	0.0807804	-12.3792	0.00107704	0.0933695	-10.7101	0.0250024	0.269925	-3.70473	0.0107809	0.207422	-4.82109
cg10018632	CD93	0.00733075	0.00420325	0.207393	-4.82177	0.00658744	0.235107	-4.25338	0.00562422	0.225058	-4.4433	0.0282652	0.345503	-2.89433	0.00543701	0.222949	-4.48534
cg19010566	CD93	0.0110364	0.136899	0.611141	-1.63628	0.108177	0.583547	-1.71366	0.42817	0.779893	-1.28223	0.113538	0.589078	-1.69757	0.000207585	0.14831	-6.74265
cg18267489	CD93	0.0150497	0.0189645	0.105877	-9.44495	0.00592356	0.0581301	-17.2028	0.00665135	0.0618208	-16.1758	0.0195674	0.107547	-9.29824	0.0140849	0.0911458	-10.9714
cg22481632	CD93;CD93	0.000117822	0.000373845	0.190079	-5.26097	6.21E-05	0.11605	-8.61698	0.00210812	0.283197	-3.53111	0.00136049	0.257519	-3.88321	6.96E-05	0.120074	-8.32821
cg19138960	CD93;CD93	0.000392238	0.000164319	0.229979	-4.34822	0.000862317	0.318443	-3.14028	0.00269383	0.387306	-2.58194	0.000665888	0.303729	-3.29241	0.000769897	0.311949	-3.20566
cg14627404	CD96;CD96	0.000953407	0.0415778	0.555166	-1.80126	0.0688554	0.60051	-1.66525	0.000289609	0.227475	-4.39608	0.00792502	0.426202	-2.3463	0.000395624	0.243395	-4.10855
cg19501902	CD96;CD96	0.00263525	0.135199	0.753023	-1.32798	0.579984	0.906228	-1.10348	0.00420289	0.508984	-1.9647	0.574728	1.10502	1.10502	0.078461	0.708711	-1.41101
cg05655806	CD96;CD96	0.00743611	0.00403279	0.287061	-3.48358	0.0010108	0.206773	-4.83623	0.13758	0.596482	-1.6765	0.302785	0.708281	-1.41187	0.0443808	0.474205	-2.10879
cg24214168	CD96;CD96	0.013507	0.64271	1.11153	1.11153	0.00174036	0.364031	-2.74702	0.072093	0.634863	-1.57514	0.387908	1.22175	1.22175	0.014645	1.97433	1.97433
cg20983854	CD96;ZBED2;CD96	0.000161905	0.00381753	0.696673	-1.43539	0.000290366	0.578338	-1.72909	1.18E-05	0.423674	-2.36031	0.194737	0.880645	-1.13553	0.0136072	0.75362	-1.32693
cg26337954	CD96;ZBED2;CD96	0.00162702	0.0313017	0.600689	-1.66475	0.20824	0.765158	-1.30692	0.00225225	0.422056	-2.36935	0.0171149	0.556379	-1.79734	4.90E-05	0.214471	-4.66263
cg21458958	CD97;CD97;CD97	0.000476582	0.72718	0.961773	-1.03975	0.0381164	0.765306	-1.30667	0.00625385	0.672669	-1.48662	0.932797	1.00943	1.00943	1.47E-05	0.36731	-2.7225
cg18327855	CD97;CD97;CD97	0.00899147	0.112347	1.30207	1.30207	0.0140866	1.5884	1.5884	0.779032	1.04389	1.04389	0.0293545	1.47974	1.47974	0.238707	1.20734	1.20734
cg16893618	CD97;CD97;CD97	0.0187505	0.013001	0.153613	-6.50988	0.00735049	0.12245	-8.16658	0.0158369	0.165886	-6.02823	0.143357	0.384485	-2.60088	0.0218985	0.187944	-5.32072
cg02160627	CD97;CD97;CD97	0.028202	0.00562634	4.06642	4.06642	0.00724007	3.8092	3.8092	0.0207877	2.92747	2.92747	0.0792312	2.1214	2.1214	0.197511	1.69177	1.69177
cg08239297	CD97;CD97;CD97	0.0470574	0.015332	4.3524	4.3524	0.14012	2.19106	2.19106	0.0980877	2.45141	2.45141	0.716998	1.19708	1.19708	0.0539752	2.94763	2.94763
cg17499479	CD99L2;CD99L2;CD99L2	4.91E-06	0.0546057	0.6347	-1.57555	0.00453819	0.454599	-2.19974	0.112962	0.697886	-1.4329	0.703709	1.08293	1.08293	3.85E-08	0.0170699	-58.5828
cg13143954	CD99L2;CD99L2;CD99L2	0.000451032	0.115302	0.709245	-1.40995	0.0104658	0.523818	-1.90906	0.0471919	0.634015	-1.57725	0.0037634	0.456264	-2.19172	7.03E-06	0.136078	-7.34872
cg01212429	CD99L2;CD99L2;CD99L2	0.0116417	0.00193428	0.246614	-4.05493	0.0578783	0.504468	-1.98229	0.0621244	0.511603	-1.95464	0.0465011	2.07016	2.07016	0.835463	0.935784	-1.06862
cg20619374	CDA	0.00144153	0.000163229	0.275891	-3.62462	0.00396534	0.460372	-2.17216	0.0698295	0.666353	-1.50071	0.000517356	0.33808	-2.95788	0.133456	0.723176	-1.38279
cg00784581	CDA;CDA	0.0077736	0.0111823	0.262428	-3.81057	0.254744	1.6493	1.6493	0.0754464	0.434856	-2.29961	0.0154013	0.286199	-3.49408	0.00290204	0.178635	-5.59801
cg18587973	CDADC1	0.0163117	0.144123	1.2111	1.2111	0.0121093	1.4649	1.4649	0.551992	0.929186	-1.07621	0.790933	1.03296	1.03296	0.00231265	0.594786	-1.68128
cg18112431	CDADC1	0.0190817	0.900294	1.01089	1.01089	0.742534	1.0289	1.0289	0.0358946	1.23489	1.23489	0.995661	0.99953	-1.00047	0.0250941	1.25898	1.25898

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11294761	0.169889	1.31852	1.31852	0.00103022	0.398609	-2.50872	0.000187018	0.30344	-3.29554	0.633774	0.91322	-1.09503	10.2492	5.80673	0.503604	1
cg02806739	0.615119	0.795858	-1.25651	0.0581963	0.381278	-2.62276	0.000185818	0.0582705	-17.1614	0.378402	1.50238	1.50238	6.38579	20.5174	2.85597	1
cg21702934	0.0439343	0.28272	-3.53706	0.00900492	0.158388	-6.31363	0.00506783	0.126197	-7.92415	0.0261083	0.235073	-4.25399	5.24827	23.1838	3.43577	1
cg06692929	0.332031	1.52675	1.52675	0.0146023	3.56656	3.56656	0.0129107	0.271162	-3.68783	0.070677	2.34913	2.34913	4.67107	13.226	2.51686	1
cg00891191	0.246229	1.11576	1.11576	0.0222109	1.28095	1.28095	0.0457625	0.813141	-1.2298	0.0206552	0.777448	-1.28626	4.24651	0.548722	0.11486	1
cg00055617	0.406319	1.65072	1.65072	0.67587	1.28157	1.28157	0.386012	0.59196	-1.6893	0.0241077	4.88865	4.88865	3.41398	18.8217	4.90056	1
cg03677492	0.933205	1.04033	1.04033	0.0689378	2.61178	2.61178	0.044953	0.337777	-2.96053	0.0270369	3.43746	3.43746	3.40673	12.0034	3.13195	1
cg11904429	0.000386081	0.268077	-3.73027	1.89E-06	0.0639552	-15.6359	0.000367688	0.265484	-3.7667	0.0203238	0.521887	-1.91612	34.0961	29.1865	0.760894	1
cg14870229	0.64557	1.06755	1.06755	0.2316	0.837705	-1.19374	2.69E-06	4.92155	4.92155	0.743754	0.954759	-1.04738	19.3751	6.11294	0.280449	1
cg22633597	0.0808899	0.485179	-2.0611	0.587	1.22745	1.22745	0.00710425	3.66732	3.66732	0.000212393	10.1004	10.1004	18.2407	40.3346	1.96555	1
cg26737640	0.322902	1.40635	1.40635	0.87591	1.05357	1.05357	0.706396	1.13472	1.13472	4.49E-05	13.1897	13.1897	10.8774	19.2145	1.57018	1
cg23263923	0.133817	1.23243	1.23243	0.000257394	0.459511	-2.17623	0.17894	1.20267	1.20267	0.0140311	0.675699	-1.47995	7.64119	2.02164	0.235174	1
cg24778383	0.0667105	0.702699	-1.42309	0.00336043	0.50422	-1.98326	0.048458	1.47244	1.47244	0.0878027	1.38177	1.38177	5.50282	2.56696	0.41465	1
cg14016344	0.607062	1.39552	1.39552	0.00638214	9.78022	9.78022	0.00319671	13.2757	13.2757	0.0633558	3.82454	3.82454	4.26382	27.8733	5.81081	1
cg03487430	0.210667	0.748772	-1.33552	0.0717771	1.55419	1.55419	0.0722318	0.643976	-1.55285	0.421707	0.835237	-1.19726	3.44035	2.62178	0.677393	1
cg16591228	7.25E-05	0.35332	-2.8303	0.000858003	0.48617	-2.0569	0.0045657	0.580382	-1.723	0.00696444	0.604783	-1.65349	19.4913	6.40594	0.292139	1
cg19966212	0.427343	0.7255	-1.37836	0.000210302	0.0859325	-11.637	0.387793	0.704338	-1.41977	0.00894636	0.268041	-3.73078	9.79633	24.3257	2.20724	1
cg22183016	0.0113121	0.282523	-3.53954	9.75E-05	0.0632891	-15.8005	0.15366	0.54404	-1.8381	0.0196889	0.325411	-3.07303	8.18047	20.5739	2.23556	1
cg25988603	0.050027	0.66043	-1.51416	0.00274834	0.464338	-2.1536	0.767717	1.05653	1.05653	0.0191019	0.590631	-1.6931	6.25521	3.41426	0.48518	1
cg11619961	0.0816112	0.387916	-2.57787	0.00374027	0.146485	-6.82665	0.0388927	0.309378	-3.23229	?	?	?	5.7912	19.627	3.38911	1
cg18664712	0.00554202	0.306999	-3.25734	0.00431449	0.290433	-3.44313	0.824949	1.07442	1.07442	0.0204648	0.404573	-2.47174	5.27888	8.7774	1.47799	1
cg09467825	0.699885	1.053	1.053	0.0454229	1.35791	1.35791	0.241049	0.849054	-1.17778	0.00360425	0.591312	-1.69116	5.00745	1.40979	0.250257	1
cg09970481	0.00565243	0.135609	-7.37416	0.000556278	0.0524915	-19.0507	0.0101347	0.167865	-5.95716	0.0408269	0.272797	-3.66573	11.7346	50.0125	4.26198	1
cg19825589	0.14661	0.2958	-3.38067	0.00143987	0.0272839	-36.6517	0.0383595	0.153195	-6.52762	0.111747	0.258181	-3.87326	4.56721	44.2104	8.60441	1
cg06448249	0.036485	0.30522	-3.27632	0.0531414	0.342092	-2.92319	0.00526217	0.165886	-6.02824	0.783138	0.873985	-1.14418	3.82927	14.4543	3.35527	1
cg23251296	0.0623491	0.743903	-1.34426	0.00952703	0.629342	-1.58896	0.0128391	0.646777	-1.54613	0.000708357	0.483085	-2.07003	15.3268	4.82715	0.279954	1
cg25729716	0.438069	0.921557	-1.08512	0.000315989	1.82701	1.82701	0.83929	0.979247	-1.02119	0.19506	0.868014	-1.15205	11.367	1.92021	0.150159	1
cg07973967	0.296219	0.727162	-1.37521	0.236632	0.694369	-1.44016	0.474501	0.807391	-1.23856	0.0711464	0.552697	-1.80931	3.56073	4.87971	1.21815	1
cg04602992	0.198301	1.39595	1.39595	0.120967	1.51072	1.51072	0.875259	0.962188	-1.0393	0.0193942	0.499786	-2.00086	3.83482	3.65624	0.847494	1
cg08355301	0.069382	0.303281	-3.29727	0.0147367	0.166813	-5.99474	0.156664	0.413354	-2.41923	0.0403188	0.246965	-4.04916	3.92886	20.2877	4.01625	1
cg19914554	0.194521	0.695167	-1.4385	0.0597323	0.569562	-1.75574	2.87E-05	0.11339	-8.81915	0.0914883	0.611185	-1.63617	9.94706	11.0581	0.988177	1
cg13913728	0.0724317	0.57981	-1.7247	0.00504431	0.364806	-2.74118	0.945001	0.981416	-1.01894	0.577289	0.858047	-1.16544	4.98327	5.83506	1.04083	1
cg13458803	0.0592973	1.70352	1.70352	0.539717	1.16805	1.16805	0.500472	1.18661	1.18661	0.656131	0.893933	-1.11865	4.67556	4.63538	0.88125	1
cg03713609	8.55E-05	0.270487	-3.69703	0.00234361	2.1967	2.1967	0.533972	1.12381	1.12381	0.00486738	0.500707	-1.99718	21.7588	11.833	0.483402	1
cg18072687	0.41349	1.15938	1.15938	0.00247821	0.47517	-2.10451	0.00572148	1.89813	1.89813	0.844823	1.03527	1.03527	16.3029	8.0789	0.440488	1
cg01803049	1.54E-05	0.149153	-6.70455	0.157353	0.724972	-1.37936	0.505351	0.866098	-1.1546	0.0026501	0.412935	-2.42169	12.9592	9.28514	0.636879	1
cg19712490	0.446767	0.908614	-1.10058	4.10E-05	0.38034	-2.62923	0.495812	0.918085	-1.08922	0.837123	0.974882	-1.02577	10.2838	2.4875	0.21501	1
cg14763104	0.314977	1.20163	1.20163	0.0228275	0.617834	-1.61856	0.381818	1.17182	1.17182	0.682108	0.929786	-1.07552	9.50577	4.70466	0.439935	1
cg19604470	0.689395	0.962333	-1.03914	7.48E-05	0.502935	-1.98833	0.114247	1.17843	1.17843	0.806344	0.976801	-1.02375	8.42432	1.21857	0.128577	1
cg09202263	0.557216	0.93349	-1.07125	0.00404614	1.56445	1.56445	0.0719167	1.26228	1.26228	0.0332604	1.33442	1.33442	6.85427	1.45911	0.189223	1
cg04355222	0.0221997	1.61202	1.61202	0.182891	1.27911	1.27911	0.522581	1.11948	1.11948	0.459558	0.877085	-1.14014	6.80579	3.26967	0.427045	1
cg04151290	0.379452	0.812036	-1.23147	0.000785362	0.309644	-3.22952	0.639823	1.11498	1.11498	0.0186617	1.93171	1.93171	6.64018	5.60807	0.750725	1
cg04610897	0.854402	0.942822	-1.06065	0.00058982	0.182432	-5.48148	0.885283	0.954783	-1.04736	0.30091	0.709237	-1.40997	6.3439	10.3221	1.4463	1
cg11705746	0.10096	0.500328	-1.99869	0.00070689	0.136746	-7.3128	0.578682	0.805534	-1.24141	0.961852	1.01861	1.01861	5.71811	13.459	2.09223	1
cg18169610	0.477175	1.14299	1.14299	0.938641	1.01434	1.01434	0.00383896	2.0555	2.0555	0.989228	1.0025	1.0025	4.50306	2.43832	0.481316	1
cg24436578	0.00512458	0.401919	-2.48806	0.254933	1.34044	1.34044	0.96597	0.989539	-1.01057	0.110354	1.53558	1.53558	4.48661	4.31753	0.855391	1
cg26393255	0.263484	1.19117	1.19117	0.0652102	0.732965	-1.36432	0.553838	1.09404	1.09404	0.25304	1.19621	1.19621	4.45194	1.58803	0.317072	1
cg15936385	0.848954	1.03992	1.03992	0.0673022	1.52337	1.52337	0.00701688	2.04551	2.04551	0.0208088	1.77038	1.77038	4.26581	2.84739	0.593325	1
cg11356794	0.00224978	0.509229	-1.96375	0.359339	0.861803	-1.16036	0.445381	0.884473	-1.13062	0.0281394	0.664207	-1.50555	4.06985	1.60518	0.350586	1
cg02525637	0.899907	1.02532	1.02532	0.0449982	0.633065	-1.57962	0.0314166	1.65136	1.65136	0.602954	0.900964	-1.10992	3.89025	2.43334	0.555997	1
cg01517776	0.0363812	0.227631	-4.39307	0.301469	0.521345	-1.91812	0.0708408	0.292868	-3.4145	0.0155294	0.164344	-6.08481	3.60283	21.1219	5.21119	1
cg26438284	0.761553	0.898371	-1.11313	0.278352	0.672375	-1.48727	0.0597147	2.11326	2.11326	0.89607	1.0471	1.0471	3.57408	7.01945	1.74577	1
cg07804260	0.0623653	2.46121	2.46121	0.00902507	4.15839	4.15839	0.0205874	3.31169	3.31169	0.0233209	3.20189	3.20189	3.51253	10.2545	2.59503	1
cg01199327	0.717605	1.06401	1.06401	7.10E-05	3.44644	3.44644	0.0180914	1.63298	1.63298	0.158519	1.29367	1.29367	15.8665	7.33269	0.410799	1
cg17015506	0.976885	0.995805	-1.00421	0.00710091	0.60372	-1.6564	0.211337	1.21054	1.21054	0.145713	0.797205	-1.25438	11.8044	3.93594	0.296381	1
cg17605814	0.647403	0.919538	-1.0875	0.808728	1.04517	1.04517	0.340117	1.19612	1.19612	0.0143171	0.57688	-1.73346	5.55238	2.91784	0.467121	1
cg22697239	0.406354	1.33609	1.33609	0.00438112	3.66181	3.66181	0.0102372	3.01646	3.01646	0.0247631	2.48855	2.48855	5.48695	10.1107	1.63793	1
cg05157370	0.00112214	0.201436	-4.96437	0.522029	1.24203	1.24203	0.0978231	0.545163	-1.83431	0.478675	0.786172	-1.27199	4.92242	8.69839	1.57075	1
cg07156876	0.242686	0.819229	-1.22066	0.0309841	1.51139	1.51139	0.0879591	1.35947	1.35947	0.79364	0.958148	-1.04368	4.56344	1.9222	0.374416	1
cg22266693	0.945846	0.981264	-1.01909	0.00618343	2.70257	2.70257	0.0298789	2.03703	2.03703	0.0271489	2.07129	2.07129	3.56511	4.37742	1.09142	1
cg05282559	0.739124	0.848535	-1.1785	0.0480374	0.329351	-3.03627	?	?	?	0.0170498	4.17613	4.17613	3.56813	12.132	3.40011	1
cg01288598	0.797583	1.03062	1.03062	8.25E-05	0.43508	-2.29843	0.00378963	0.632345	-1.58141	0.548757	0.931278	-1.07379	9.92712	2.16496	0.193853	1
cg11874760	0.844987	1.08277	1.08277	0.00552377	0.227298	-4.39951	0.175409	0.556899	-1.79566	0.218897	0.591382	-1.69095	5.663	14.8015	2.3233	1
cg12047860	0.0610818	0.598873	-1.6698	0.822981	1.05594	1.05594	0.881013	0.96427	-1.03705	0.31058	0.775027	-1.29028	4.16252	3.88986	0.830663	1
cg26525121	0.15058	0.602663	-1.6593	0.00587815	0.305809	-3.27002	0.127563	0.581852	-1.71865	0.0144997	0.3716	-2.69107	4.04064	6.91307	1.52079	1
cg16776350	0.920945	0.975822	-1.02478	0.000525905	0.26393	-3.78888	0.333056	0.781774	-1.27914	0.000157907	0.203238	-4.92034	15.4963	14.9198	0.855822	1
cg12034938	0.0154737	0.359532	-2.78139	0.576084	0.823218	-1.21474	0.00347646	0.255164	-3.91905	0.149803	0.587566	-1.70194	7.78348	14.6206	1.6697	1
cg19718360	0.629613	0.789345	-1.26687	0.00100643	0.0929114	-10.7629	0.00872647	0.1966	-5.08646	0.0129724	0.222915	-4.48601	6.73373	25.2712	3.33593	1
cg24691964	0.00784536	2.67233	2.67233	0.171418	0.657368	-1.52122	0.754216	0.913486	-1.09471	0.128748	0.623134	-1.60479	5.2298	6.87523	1.16856	1
cg19312356	0.0160319	0.352051	-2.8405	0.297882	1.46548	1.46548	0.00410758	0.255776	-3.90967	0.0798864	0.502441	-1.99028	5.16448	10.2596	1.76583	1
cg13978689	0.465549	0.639298	-1.56421	0.120453	0.362529	-2.7584	0.0702983	0.295581	-3.38317	0.0139198	0.160383	-6.23508	3.48611	20.0367	5.10895	1
cg11874272	0.00563741	0.146107	-6.8443	0.0947449	0.378246	-2.64378	0.234491	0.51697	-1.93435	0.0210706	0.230192	-4.34421	4.86013	21.5747	3.94588	1
cg01878435	0.0347263	0.342526	-2.91948	0.108393	0.466598	-2.14317	0.91608	1.04695	1.04695	0.153031	0.513738	-1.94652	3.97653	11.931	2.66699	1
cg04387658	0.272391	1.3722	1.3722	0.0977773	0.604641	-1.65387	0.4085	0.791245	-1.26383	0.0274732	0.485646	-2.05911	3.91484	4.75631	1.07995	1
cg16331599	0.683758	1.10816	1.10816	0.00507773	0.394982	-2.53176	0.000667304	0.270911	-3.69124	0.0178203	0.485605	-2.05929	22.714	22.6244	0.885382	1
cg13617155	0.00360288	0.406859	-2.45785	7.79E-05	0.195624	-5.11184	0.00526912	0.431936	-2.31516	0.00374557	0.409385	-2.44269	21.6764	17.8758	0.733035	1
cg09644952	0.124947	1.29463	1.29463	8.34E-05	0.332547	-3.00709	0.859565	1.02792	1.02792	0.0125706	0.617217	-1.62018	17.0583	6.53022	0.340283	1
cg09838701	0.919	0.952044	-1.05037	0.0104519	0.210711	-4.74584	0.0253792	0.276964	-3.61058	0.00243533	0.130243	-7.67794	8.47982	31.3469	3.28591	1
cg12323361	0.0178254	0.282523	-3.53953	0.176866	0.532611	-1.87754	0.195093	0.548035	-1.8247	0.0160334	0.274288	-3.6458	3.91091	11.9289	2.71125	1
cg17386466	0.0273331	0.76742	-1.30307	0.0109151	0.723289	-1.38257	0.385919	1.0943	1.0943	0.0717461	1.2261	1.2261	15.4852	2.52104	0.144714	1
cg00670742	0.00171854	2.22439	2.22439	0.00251719	0.472537	-2.11624	0.0332054	1.56023	1.56023	0.0173616	1.67808	1.67808	11.624	5.87796	0.449488	1
cg03196485	0.867089	1.05465	1.05465	0.959222	0.983888	-1.01638	0.0731613	0.530014	-1.88674	0.0137204	0.379795	-2.633	8.57744	13.7109	1.42087	1
cg07868273	0.627572	1.10602	1.10602	0.000107762	0.244806	-4.08486	0.193154	0.752888	-1.32822	0.862232	1.03645	1.03645	6.69581	4.50515	0.598072	1
cg19410791	0.52389	1.6141	1.6141	0.01603	8.89068	8.89068	0.00997058	11.1566	11.1566	0.0436215	5.58179	5.58179	4.5284	39.4045	7.73479	1
cg21116934	0.0383177	1.86787	1.86787	0.395764	0.79742	-1.25404	0.00270253	2.94099	2.94099	0.7536	1.08542	1.08542	3.98485	4.27594	0.953822	1
cg13681325	0.00245673	0.296676	-3.37068	0.513885	0.826178	-1.21039	0.0232769	0.457421	-2.18617	0.0281732	0.473487	-2.11199	3.73784	4.92498	1.1712	1
cg06804210	0.460134	1.6748	1.6748	0.00858782	9.9606	9.9606	0.0100456	9.28242	9.28242	0.0147971	7.8186	7.8186	3.68714	27.4607	6.62017	1
cg12606911	0.922764	0.889356	-1.12441	0.0267685	23.8755	23.8755	0.0329498	20.4088	20.4088	0.0285208	22.7574	22.7574	3.41795	79.1439	20.5826	1
cg13847640	0.885346	0.941946	-1.06163	0.0890219	0.459584	-2.17588	0.432761	0.7176	-1.39353	0.246186	0.604889	-1.6532	3.39505	9.23877	2.41889	1
cg00916536	0.448253	0.871165	-1.14789	0.427602	0.865416	-1.15551	6.38E-07	11.3698	11.3698	0.00473202	1.95355	1.95355	33.9814	17.1409	0.448374	1
cg26057751	0.389897	0.819623	-1.22007	0.000141369	0.227067	-4.40398	0.452054	0.841167	-1.18882	0.394348	0.821224	-1.21769	20.0791	16.2083	0.717531	1
cg08506127	9.67E-05	0.328972	-3.03977	0.145642	0.778415	-1.28466	0.0144079	0.616582	-1.62184	0.0420208	0.686833	-1.45596	14.5516	5.92447	0.361899	1
cg12344862	0.00318405	0.612974	-1.63139	0.573141	1.07163	1.07163	0.00216778	0.592784	-1.68696	0.0467404	0.758301	-1.31874	14.3375	3.35283	0.207866	1
cg07152196	0.61548	1.09573	1.09573	0.016779	0.590427	-1.69369	0.455793	0.87186	-1.14697	0.666686	1.08137	1.08137	13.2446	6.8363	0.458807	1
cg09046939	0.36967	1.13821	1.13821	0.86136	0.975737	-1.02487	0.000243172	2.34551	2.34551	0.110637	1.27669	1.27669	9.60247	3.00274	0.27796	1
cg18830527	0.000717124	0.376836	-2.65368	0.276817	0.807051	-1.23908	0.227508	0.786551	-1.27137	0.188927	0.76814	-1.30185	8.34643	4.7481	0.505669	1
cg12653796	0.136853	0.746577	-1.33945	0.217557	0.789324	-1.26691	0.000426093	2.76609	2.76609	0.895193	0.97625	-1.02433	5.11007	2.69181	0.468235	1
cg18174654	0.738213	1.16696	1.16696	0.177085	1.93555	1.93555	0.00690121	0.199945	-5.00139	0.114163	0.453384	-2.20564	4.99085	16.748	2.98288	1
cg09318840	0.00410183	0.454552	-2.19997	0.489346	1.15465	1.15465	0.148364	0.728014	-1.3736	0.367935	0.827491	-1.20847	4.7538	3.15635	0.590189	1
cg13803976	0.764642	1.06717	1.06717	0.60887	0.894271	-1.11823	0.773171	0.939342	-1.06457	0.729521	1.07805	1.07805	4.19334	3.11371	0.660033	1
cg22999502	0.00448375	0.563759	-1.77381	0.710235	0.945117	-1.05807	0.00151651	0.501147	-1.99542	0.142358	0.787783	-1.26939	9.32673	3.37917	0.322054	1
cg08777095	0.721226	0.941558	-1.06207	0.0125936	1.68446	1.68446	0.777737	0.953551	-1.04871	0.48484	0.887537	-1.12671	5.58031	2.49654	0.397675	1
cg18224038	0.401751	0.754887	-1.3247	0.535925	1.22799	1.22799	0.0547782	0.489807	-2.04162	0.32366	0.716061	-1.39653	3.69928	6.28965	1.51132	1
cg26135863	0.0142843	1.54834	1.54834	2.53E-05	3.35312	3.35312	0.0072175	1.65147	1.65147	0.00728156	1.65006	1.65006	10.9943	3.64533	0.294726	1
cg26850754	0.0534154	1.23717	1.23717	0.000646013	1.66147	1.66147	0.615752	1.05031	1.05031	0.0446651	1.25057	1.25057	5.22434	0.778565	0.132468	1
cg27445883	0.0573473	1.90202	1.90202	0.00226895	3.5859	3.5859	0.257966	1.42333	1.42333	0.231346	1.45562	1.45562	3.48794	4.94006	1.25896	1
cg22222281	0.0101628	4.74429	4.74429	0.000683385	12.0846	12.0846	0.002801	7.23	7.23	0.0394013	3.14105	3.14105	9.40597	34.365	3.24758	1
cg08519905	0.0139333	3.02123	3.02123	0.000523018	7.15824	7.15824	0.00356796	4.20821	4.20821	0.0145852	2.98917	2.98917	8.32213	17.4643	1.86536	1
cg11620873	0.780332	0.976487	-1.02408	0.0926016	1.17059	1.17059	0.00678221	1.34797	1.34797	0.831582	0.982038	-1.01829	6.62471	0.759909	0.101963	1
cg07778290	0.0979051	2.61794	2.61794	0.00156672	11.1127	11.1127	0.00233375	9.51255	9.51255	0.205345	2.03037	2.03037	5.77709	25.705	3.95508	1
cg08284733	0.0590477	2.05101	2.05101	0.00214097	4.27671	4.27671	0.0306012	2.35381	2.35381	0.0141498	2.77374	2.77374	3.91088	7.03305	1.59852	1
cg00459232	0.0830936	2.36559	2.36559	0.010712	4.21761	4.21761	0.116164	2.15154	2.15154	0.120493	2.12916	2.12916	3.80655	12.1401	2.8349	1
cg05212138	0.391065	0.824374	-1.21304	0.0417442	1.67502	1.67502	0.00165984	0.371955	-2.6885	0.00960274	0.486485	-2.05556	15.8971	12.1603	0.679944	1
cg10578007	0.0214178	0.334351	-2.99087	0.000657039	0.126311	-7.91698	0.0244846	0.345695	-2.89273	0.00117167	0.151365	-6.60654	13.2065	32.858	2.21157	1
cg20438277	0.053256	0.290787	-3.43895	0.00552147	0.128545	-7.77936	0.0425444	0.26885	-3.71954	0.0235145	0.218335	-4.58012	8.57596	42.974	4.45421	1
cg07286123	0.0806474	0.331403	-3.01748	0.00629062	0.13149	-7.60514	0.0158275	0.185448	-5.39234	0.0341412	0.244333	-4.09278	8.12097	41.7934	4.57454	1
cg21023001	0.0653618	0.362104	-2.76164	0.00911991	0.196581	-5.08697	0.0101262	0.203306	-4.91869	0.0208316	0.255127	-3.91961	7.95477	30.3822	3.395	1
cg10018632	0.0576626	0.414462	-2.41277	0.00344808	0.195982	-5.10251	0.264877	0.620765	-1.61092	0.0113371	0.272274	-3.67277	6.52043	17.3874	2.37031	1
cg19010566	0.245667	1.45232	1.45232	0.625593	0.859739	-1.16314	0.0874608	0.560003	-1.7857	0.115373	0.590925	-1.69226	5.72642	8.56594	1.32965	1
cg18267489	0.0593613	0.185944	-5.37796	0.0162224	0.0978917	-10.2154	0.0344666	0.142374	-7.02375	0.0244248	0.120102	-8.32623	5.17503	51.2019	8.7947	1
cg22481632	0.00191688	0.277496	-3.60366	5.83E-05	0.113847	-8.78369	0.00556972	0.345609	-2.89345	0.000236856	0.169122	-5.9129	21.1889	28.5707	1.19856	1
cg19138960	0.00475878	0.424243	-2.35714	0.000513842	0.289312	-3.45648	0.00145862	0.349399	-2.86206	0.000702985	0.306787	-3.25959	15.2825	12.665	0.736644	1
cg14627404	0.00147168	0.316739	-3.15717	0.0038747	0.37743	-2.64949	0.18862	1.41747	1.41747	0.00329435	0.366848	-2.72592	11.9267	11.8494	0.883132	1
cg19501902	0.487375	0.883123	-1.13234	0.020242	1.6375	1.6375	0.000234518	2.92831	2.92831	0.540866	0.896689	-1.11521	8.89289	4.37014	0.436817	1
cg05655806	0.321932	0.71847	-1.39185	0.00398212	0.286249	-3.49346	0.00456176	0.295061	-3.38912	0.707547	0.885348	-1.1295	6.49138	10.734	1.46985	1
cg24214168	0.0435268	1.69102	1.69102	0.554254	1.14499	1.14499	0.277886	1.29095	1.29095	0.843853	1.04564	1.04564	5.3626	4.35045	0.721117	1
cg20983854	0.0563075	1.22173	1.22173	0.000187752	0.557701	-1.79307	0.0262477	0.783262	-1.27671	0.00531664	0.711537	-1.40541	19.452	2.64521	0.120877	1
cg26337954	0.805993	1.0509	1.0509	0.00553513	0.47928	-2.08646	0.849692	0.962447	-1.03902	0.584128	0.894474	-1.11798	10.2368	6.59911	0.573018	1
cg21458958	0.158355	0.845513	-1.18271	0.000242294	0.508897	-1.96503	0.536278	1.07218	1.07218	0.276407	0.881627	-1.13427	14.4818	2.84031	0.174337	1
cg18327855	0.500367	0.90082	-1.1101	0.00149127	2.0125	2.0125	0.00414256	1.79847	1.79847	0.00667047	1.71163	1.71163	6.11421	2.25773	0.328231	1
cg16893618	0.0133506	0.155215	-6.44267	0.00681069	0.118723	-8.42299	0.0627859	0.28012	-3.5699	0.282092	0.50691	-1.97274	4.80849	28.136	5.20118	1
cg02160627	0.0503951	2.36501	2.36501	0.0672949	2.20649	2.20649	0.0279903	2.72379	2.72379	0.0543726	2.32234	2.32234	4.17719	9.85564	2.09724	1
cg08239297	0.0220538	3.88377	3.88377	0.171497	2.05319	2.05319	0.0118146	4.72809	4.72809	0.0241408	3.77616	3.77616	3.46682	13.4078	3.43775	1
cg17499479	0.000415926	0.311157	-3.21381	0.32541	0.809192	-1.2358	0.36937	0.825128	-1.21193	0.974319	1.00673	1.00673	48.7631	33.5737	0.612004	1
cg13143954	0.461289	1.16241	1.16241	0.941892	0.985479	-1.01474	0.66359	0.915928	-1.09179	0.00935243	0.516149	-1.93742	14.7044	9.37672	0.566827	1
cg01212429	0.112048	0.575692	-1.73704	0.539738	0.820274	-1.21911	0.0540175	2.0096	2.0096	0.133527	1.67606	1.67606	5.62851	9.07806	1.43366	1
cg20619374	0.27799	0.797814	-1.25342	0.0014619	0.398484	-2.50951	0.0146534	0.547871	-1.82525	0.842875	1.04054	1.04054	10.6001	6.73051	0.564396	1
cg00784581	0.11878	0.490444	-2.03897	0.00105312	0.130159	-7.68292	0.0955034	0.462753	-2.16098	0.445285	0.720798	-1.38735	6.40166	17.9498	2.49239	1
cg18587973	0.25579	0.865193	-1.15581	0.364842	0.892565	-1.12037	0.173535	1.19333	1.19333	0.099573	1.24648	1.24648	5.03852	1.18893	0.209749	1
cg18112431	0.182821	0.884986	-1.12996	0.00223932	0.690787	-1.44762	0.858012	1.0156	1.0156	0.110782	1.16205	1.16205	4.78012	0.565587	0.105174	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17226947	CDADC1	0.0367687	0.551209	1.14101	1.14101	0.582469	1.12917	1.12917	0.0528857	0.617926	-1.61832	0.000974325	0.341811	-2.9256	0.165126	0.723289	-1.38257	0.203543	0.745549	-1.34129	0.374028	0.819022	-1.22097	0.291831	0.78718	-1.27036	0.790494	0.943408	-1.05999	3.79853	2.87982	0.673902	1
cg02894209	CDAN1	0.000306757	0.363832	0.892924	-1.11992	3.44E-05	2.64524	2.64524	0.0105884	1.47722	1.47722	0.709615	0.95562	-1.04644	0.766996	1.03672	1.03672	0.268972	0.869602	-1.14995	0.000100265	0.432925	-2.30987	0.985865	1.00215	1.00215	0.652398	1.05657	1.05657	16.3501	3.81392	0.207347	1
cg02122467	CDAN1	0.00299113	0.0636512	0.662578	-1.50926	0.236681	1.27731	1.27731	0.000335551	0.319274	-3.13211	0.295199	0.807103	-1.239	0.0781236	0.679498	-1.47167	0.0504055	0.643884	-1.55308	0.00172175	0.413542	-2.41813	0.00130478	0.39687	-2.51972	0.189563	0.760088	-1.31564	8.56568	5.28689	0.548638	1
cg03678138	CDAN1	0.00751176	0.0933083	0.691877	-1.44534	0.000669717	2.82508	2.82508	0.752036	1.06529	1.06529	0.939999	1.01513	1.01513	0.0607251	0.655803	-1.52485	0.0570711	1.53663	1.53663	0.0167383	0.558385	-1.79088	0.377312	1.19813	1.19813	0.473963	1.1564	1.1564	6.47083	4.0805	0.560532	1
cg22569836	CDAN1	0.0158624	0.0504086	0.675443	-1.48051	0.0175526	0.601382	-1.66284	0.442056	0.871165	-1.14789	0.251805	0.810055	-1.23448	0.0437227	0.665024	-1.50371	0.441747	1.148	1.148	0.00154993	0.448954	-2.2274	0.88457	0.974763	-1.02589	0.0792108	1.40901	1.40901	5.08557	2.49372	0.435868	1
cg26287816	CDAN1	0.0211416	0.0132396	0.328119	-3.04767	0.168852	1.70249	1.70249	0.591235	1.21747	1.21747	0.514224	1.27135	1.27135	0.00257229	0.219356	-4.55879	0.508348	1.27576	1.27576	0.0371639	0.415563	-2.40637	0.824188	1.08411	1.08411	0.164803	0.583993	-1.71235	4.61642	9.63173	1.85458	1
cg13338022	CDAN1	0.0368124	0.301403	0.884963	-1.12999	0.0691653	1.26122	1.26122	0.513942	1.07848	1.07848	0.0223315	0.731625	-1.36682	0.33995	0.893818	-1.1188	0.0301487	0.747502	-1.33779	0.363382	1.11251	1.11251	0.730149	0.96125	-1.04031	0.02352	1.36174	1.36174	3.79689	0.783397	0.183401	1
cg18520121	CDC10L	0.00328822	0.537957	1.2068	1.2068	0.0284241	0.458583	-2.18063	0.427632	0.783399	-1.27649	0.215816	1.48089	1.48089	0.000101923	0.125629	-7.95995	0.126701	1.64532	1.64532	0.158471	1.57521	1.57521	0.170166	1.55324	1.55324	0.468209	0.800541	-1.24916	8.32767	11.9826	1.27901	1
cg02002400	CDC10L	0.0395013	0.367868	0.82717	-1.20894	0.053398	0.637549	-1.56851	0.00374907	2.23169	2.23169	0.611066	0.900136	-1.11094	0.260643	1.27211	1.27211	0.604574	0.898379	-1.11312	0.0552142	1.56184	1.56184	0.41358	0.842429	-1.18704	0.607047	1.11229	1.11229	3.70018	2.46612	0.592433	1
cg10657465	CDC123	0.00382554	0.195186	0.767727	-1.30255	0.0137575	0.555685	-1.79958	0.00464695	0.483704	-2.06738	0.0586501	0.662283	-1.50993	0.00157846	0.4167	-2.39981	0.343575	0.828427	-1.20711	0.0347697	1.60758	1.60758	0.342267	0.827978	-1.20776	0.00123242	0.401919	-2.48807	7.95862	4.69109	0.523942	1
cg19576422	CDC123	0.0329424	0.213383	0.545032	-1.83476	0.007291	0.201333	-4.96691	0.00685686	0.197551	-5.06199	0.789208	0.883284	-1.13214	0.0100166	0.221832	-4.50792	0.282543	0.596179	-1.67735	0.790384	0.883914	-1.13133	0.34842	1.56382	1.56382	0.453744	0.702235	-1.42402	3.95253	13.4298	3.02024	1
cg03965620	CDC123;CDC123;NUDT5	0.0228427	0.0530267	0.831814	-1.20219	0.4131	1.0726	1.0726	0.0127056	1.29613	1.29613	0.336481	0.920347	-1.08655	0.978843	1.00222	1.00222	0.33725	0.920476	-1.08639	0.159227	0.881611	-1.13429	0.668505	1.03674	1.03674	0.00393964	1.38385	1.38385	4.49547	0.499474	0.0987608	1
cg24589691	CDC123;NUDT5	0.00042749	9.36E-05	0.603055	-1.65822	0.133501	1.12468	1.12468	0.00284043	1.34756	1.34756	0.722074	0.974405	-1.02627	0.182269	0.902332	-1.10824	0.00508524	0.764264	-1.30845	0.0116511	0.795415	-1.2572	0.0834908	1.14922	1.14922	0.00283423	1.34772	1.34772	14.9239	1.24579	0.0742006	1
cg04225510	CDC123;NUDT5	0.00170695	0.0315106	0.601144	-1.6635	0.0182599	0.560963	-1.78265	0.810264	0.952626	-1.04973	0.000248366	0.295112	-3.38855	0.209617	0.765811	-1.30581	0.183692	0.75231	-1.32924	0.00207494	2.39841	2.39841	0.965375	0.991279	-1.0088	0.0321802	1.6591	1.6591	10.0958	6.51031	0.5732	1
cg14009947	CDC123;NUDT5	0.00576427	0.0536694	0.587774	-1.70133	0.951362	1.0149	1.0149	0.0342103	1.8208	1.8208	0.101584	1.54453	1.54453	0.640872	0.892309	-1.12069	0.688391	0.906853	-1.10271	0.000181519	0.215254	-4.64567	0.530487	0.857177	-1.16662	0.778594	1.07075	1.07075	7.02544	6.54504	0.828106	1
cg07792427	CDC14A	0.00100357	0.00443407	0.348381	-2.87042	0.00560202	0.364175	-2.74593	0.00276695	0.317826	-3.14638	0.0770494	0.579276	-1.72629	0.000388794	0.207853	-4.8111	0.000631535	0.232557	-4.30003	0.00044827	0.214936	-4.65254	0.726662	0.907136	-1.10237	0.0033221	0.329472	-3.03516	11.7546	14.3578	1.08574	1
cg16646597	CDC14A	0.00210387	0.394964	0.879431	-1.1371	0.547464	0.914139	-1.09392	0.00315203	0.551542	-1.8131	0.0437282	0.710435	-1.40759	0.000168557	0.389055	-2.57033	0.895615	1.01955	1.01955	0.175219	1.23689	1.23689	0.926934	0.986565	-1.01362	0.00102748	0.487991	-2.04922	9.50056	3.27228	0.30616	1
cg20384613	CDC14A;CDC14A;CDC14A	0.00283273	0.000502759	0.246265	-4.06067	0.0305585	0.519633	-1.92444	0.000927227	0.279734	-3.57482	0.125833	0.652668	-1.53217	0.0545694	0.570203	-1.75376	0.0221876	0.493463	-2.0265	0.0351476	1.88169	1.88169	0.773156	1.07729	1.07729	0.063899	0.584796	-1.71	8.70497	9.14856	0.934186	1
cg20481640	CDC14A;CDC14A;CDC14A	0.00681341	0.880855	0.955605	-1.04646	0.251523	1.43721	1.43721	0.708408	0.892483	-1.12047	0.614912	0.857632	-1.166	0.000426537	0.184734	-5.41318	0.111637	0.591793	-1.68978	0.0043195	0.315037	-3.17424	0.0607963	1.89636	1.89636	0.270127	0.706338	-1.41575	6.67103	9.68521	1.29052	1
cg05794954	CDC14A;CDC14A;CDC14A	0.00885328	0.000304876	0.059139	-16.9093	0.864874	0.921183	-1.08556	0.312626	0.60445	-1.6544	?	?	?	0.0572074	0.354515	-2.82075	0.198611	1.92478	1.92478	0.226351	0.5421	-1.84468	0.3012	1.67586	1.67586	0.41154	1.49889	1.49889	6.26895	20.5042	3.27075	1
cg08139499	CDC14A;CDC14A;CDC14A	0.0174156	0.514318	0.91073	-1.09802	0.0109843	0.636856	-1.57021	0.00118467	0.510492	-1.95889	0.920812	1.01416	1.01416	0.0576149	0.738163	-1.35471	0.288791	0.85581	-1.16848	0.512158	0.910279	-1.09856	0.340244	1.1491	1.1491	0.144799	1.24788	1.24788	4.92945	1.56098	0.281478	1
cg20687610	CDC14A;CDC14A;CDC14A	0.0174911	0.133314	1.86347	1.86347	0.927898	0.96581	-1.0354	0.104668	0.505762	-1.97722	0.0229633	2.84507	2.84507	0.00839484	0.274122	-3.64801	0.133352	1.86334	1.86334	0.700353	1.16025	1.16025	0.00901492	3.58282	3.58282	0.416958	1.37556	1.37556	4.92231	11.5177	2.07991	1
cg07813265	CDC14A;CDC14A;CDC14A	0.0206957	0.0436975	0.267048	-3.74465	0.00121221	0.0673647	-14.8446	0.0165544	0.188839	-5.29551	0.441127	0.639362	-1.56406	0.033364	0.242715	-4.12006	0.0618657	0.301991	-3.31136	0.0218221	0.208621	-4.79339	0.0756735	0.324365	-3.08294	0.324095	0.559962	-1.78584	4.65013	23.8795	4.56465	1
cg19083659	CDC14A;CDC14A;CDC14A	0.0305162	0.342362	0.887861	-1.1263	0.120366	1.22732	1.22732	0.627324	0.942252	-1.06129	0.00424287	1.59254	1.59254	0.767297	0.964565	-1.03674	0.16176	0.833892	-1.1992	0.00894025	1.49828	1.49828	0.755376	0.962715	-1.03873	0.745977	0.961252	-1.04031	4.06212	0.950967	0.208094	1
cg00934037	CDC14A;CDC14A;CDC14A	0.0321183	0.0328224	0.465147	-2.14986	0.634074	1.15836	1.15836	0.176257	1.5539	1.5539	0.0988526	0.574207	-1.74153	0.00557566	0.327571	-3.05278	0.257941	0.696355	-1.43605	0.79471	0.923172	-1.08322	0.797703	1.08193	1.08193	0.0123974	0.385109	-2.59666	3.98861	5.93688	1.32308	1
cg14884203	CDC14A;CDC14A;CDC14A;CDC14A;CDC14A;CDC14A	0.0193934	0.00447759	0.665155	-1.50341	0.56198	0.938874	-1.06511	0.207435	1.15374	1.15374	0.212235	1.15183	1.15183	0.206256	0.866392	-1.15421	0.224635	0.871786	-1.14707	0.00261585	0.638689	-1.56571	0.587808	1.06064	1.06064	0.730043	1.03797	1.03797	4.75398	0.871307	0.162915	1
cg02024846	CDC14B;CDC14B	0.000836972	0.0133978	2.0952	2.0952	0.000914259	0.302099	-3.31017	0.496067	1.18165	1.18165	0.340354	1.26783	1.26783	7.63E-05	0.176933	-5.65185	0.0272593	0.532072	-1.87945	0.00978466	0.454365	-2.20087	0.122178	0.667258	-1.49867	0.653525	0.896624	-1.1153	12.3736	11.4301	0.821105	1
cg09417568	CDC14B;CDC14B;CDC14B	0.0132903	0.365876	0.719872	-1.38914	0.011234	3.07653	3.07653	0.0438412	2.26966	2.26966	0.0328439	2.41857	2.41857	0.678341	0.862818	-1.15899	0.53839	1.24657	1.24657	0.0101797	3.14712	3.14712	0.00154511	5.00809	5.00809	0.327829	1.42954	1.42954	5.39108	10.6874	1.76216	1
cg04527202	CDC14C	1.37E-05	0.00067251	0.524148	-1.90786	0.00493207	0.629706	-1.58804	0.000232461	0.468357	-2.13512	0.33934	0.884875	-1.1301	5.87E-06	0.282413	-3.54091	5.05E-05	0.389147	-2.56972	2.33E-05	0.349958	-2.85749	0.00165065	1.74964	1.74964	2.46E-05	0.352659	-2.8356	37.3883	9.13372	0.21715	1
cg05563813	CDC14C	9.18E-05	0.0148475	0.605949	-1.65031	0.00853476	0.570619	-1.75248	1.85E-05	0.232446	-4.30208	0.539142	0.901281	-1.10953	0.000782646	0.42779	-2.33759	0.000256189	0.365523	-2.73581	0.000117912	0.324079	-3.08566	0.964757	0.992641	-1.00741	3.44E-05	0.261958	-3.81741	22.6517	10.0253	0.393411	1
cg16207528	CDC14C	0.000785281	0.00161509	1.46989	1.46989	0.0645851	1.1935	1.1935	0.821422	1.01945	1.01945	0.0444245	0.821436	-1.21738	0.00496113	1.37296	1.37296	0.267366	1.10347	1.10347	3.99E-05	1.95248	1.95248	0.380087	1.07974	1.07974	0.11008	0.862088	-1.15997	12.5977	1.44861	0.102213	1
cg26162020	CDC14C	0.00369427	0.00686594	1.42077	1.42077	0.0417863	1.26544	1.26544	0.710224	1.03815	1.03815	0.299538	1.1139	1.1139	0.00840935	1.40171	1.40171	0.0748434	1.22026	1.22026	9.72E-05	2.00402	2.00402	0.0243177	1.30905	1.30905	0.70171	1.03937	1.03937	8.04254	1.28213	0.141705	1
cg01925950	CDC16;CDC16	0.000932791	0.0509586	0.621868	-1.60806	0.188631	0.742597	-1.34663	0.000303475	0.285252	-3.50567	0.000798291	0.338946	-2.95032	0.0442447	0.610321	-1.63848	0.195924	1.33938	1.33938	0.031491	1.71423	1.71423	0.0102822	1.99567	1.99567	0.0133303	0.519409	-1.92527	12.0007	8.67663	0.642677	1
cg01672008	CDC16;CDC16	0.00467337	0.130651	1.26406	1.26406	0.00247113	0.546534	-1.82971	0.00356358	0.567312	-1.7627	0.830891	1.03118	1.03118	0.0234373	1.475	1.475	0.0300347	1.44247	1.44247	0.0339898	1.42659	1.42659	0.520824	0.910803	-1.09793	0.448611	0.89507	-1.11723	7.49121	2.44497	0.290114	1
cg05981896	CDC16;CDC16	0.00707324	0.0579832	0.642296	-1.55691	0.809691	1.0511	1.0511	0.641554	1.10169	1.10169	0.356863	0.822214	-1.21623	0.00117303	0.373863	-2.67477	0.00956515	0.507719	-1.96959	0.0090102	0.503625	-1.98561	0.233074	1.29472	1.29472	0.00626161	0.479088	-2.0873	6.59368	4.4564	0.600763	1
cg27142147	CDC16;CDC16	0.0114788	0.0576164	0.639206	-1.56444	0.854923	1.03889	1.03889	0.590792	0.893023	-1.11979	0.125329	0.707655	-1.41312	0.00138717	0.380562	-2.62769	0.0107218	0.512516	-1.95116	0.0207394	0.559677	-1.78675	0.124491	1.41438	1.41438	0.0273845	0.580424	-1.72288	5.65423	3.89084	0.611671	1
cg13096779	CDC16;CDC16	0.0120001	0.617992	1.11043	1.11043	0.0177528	0.548466	-1.82327	0.00377585	0.442962	-2.25753	0.715048	1.07939	1.07939	0.0186496	1.81143	1.81143	0.0375938	1.65297	1.65297	0.0667985	1.53443	1.53443	0.772926	0.941502	-1.06213	0.564601	1.12899	1.12899	5.57347	3.83168	0.611098	1
cg19900050	CDC16;CDC16	0.0337797	0.880656	0.953961	-1.04826	0.927276	1.02905	1.02905	0.0234069	2.33875	2.33875	0.101737	1.7542	1.7542	0.522406	0.815967	-1.22554	0.812732	1.07729	1.07729	0.0156479	0.394709	-2.53351	0.0142516	0.387375	-2.58148	0.358317	1.34492	1.34492	3.91701	6.10556	1.38554	1
cg04718414	CDC16;CDC16	0.0431813	0.750813	0.881662	-1.13422	0.0807432	0.465052	-2.1503	0.0421628	2.52287	2.52287	0.732469	1.14528	1.14528	0.018615	0.323765	-3.08866	0.908657	0.955643	-1.04642	0.0303023	0.365432	-2.73649	0.695939	1.16796	1.16796	0.0916581	2.08376	2.08376	3.58024	8.86111	2.2	1
cg16109297	CDC20	0.00256927	0.17621	1.234	1.234	0.00110744	0.495152	-2.01958	0.491333	0.902842	-1.10761	0.0545898	1.37553	1.37553	0.0147189	1.55116	1.55116	0.0845714	1.32174	1.32174	0.0011569	2.00966	2.00966	0.0212903	1.49889	1.49889	0.608604	0.927261	-1.07844	8.95964	3.03393	0.300998	1
cg08263040	CDC20	0.00907659	0.107946	0.812412	-1.2309	0.888896	1.01669	1.01669	0.972024	0.995855	-1.00416	0.36844	0.896357	-1.11563	0.835861	1.02488	1.02488	0.0184113	1.40314	1.40314	0.000299843	0.49827	-2.00694	0.16494	0.839073	-1.19179	0.951936	1.00717	1.00717	6.09595	1.35441	0.197495	1
cg16147196	CDC20	0.0121496	0.025627	0.727637	-1.37431	0.0111005	0.682596	-1.465	0.050223	0.765137	-1.30696	0.378031	0.89721	-1.11457	0.00165449	0.582778	-1.71592	0.0561685	1.29611	1.29611	0.880855	1.01815	1.01815	0.31313	0.882396	-1.13328	0.0561615	0.771532	-1.29612	5.55113	1.26435	0.202458	1
cg06373377	CDC20	0.0408342	0.0256071	0.0906424	-11.0324	0.0251103	0.0896398	-11.1558	0.220987	0.311973	-3.20541	0.203592	0.296738	-3.36997	0.0256554	0.0907394	-11.0206	0.0858331	0.179293	-5.57747	0.00654547	0.0408394	-24.4861	0.0239244	0.0872092	-11.4667	0.0988089	0.194253	-5.14792	3.6552	47.4501	11.5391	1
cg26607641	CDC20;CDC20	0.000188201	0.00295108	0.437337	-2.28657	0.000462494	0.327446	-3.05394	0.531647	1.13699	1.13699	0.213981	0.767112	-1.30359	0.0765116	1.49071	1.49071	0.000109806	0.251635	-3.97401	2.06E-05	0.175067	-5.71211	0.615394	1.10809	1.10809	0.101268	0.695175	-1.43849	18.6764	12.1446	0.578012	1
cg19844283	CDC20B;CDC20B;CDC20B	1.79E-07	2.35E-07	0.147104	-6.79793	1.34E-05	0.323843	-3.08791	1.36E-06	0.217238	-4.60325	0.000146406	0.445708	-2.24362	3.68E-07	0.163815	-6.10446	4.80E-06	0.274286	-3.64583	1.77E-08	0.0695386	-14.3805	5.19E-07	0.177206	-5.64315	0.000182576	0.457214	-2.18716	113.582	27.5182	0.215357	1
cg16506432	CDC20B;CDC20B;CDC20B	1.54E-05	4.48E-05	0.198165	-5.04631	0.0114976	0.515651	-1.9393	2.43E-05	0.171902	-5.81728	0.780988	0.943279	-1.06013	1.67E-05	0.156577	-6.38662	0.00617551	0.473192	-2.11331	9.07E-07	0.0654488	-15.2791	0.00536473	0.463854	-2.15585	0.00408613	0.446057	-2.24187	36.2535	25.2019	0.617917	1
cg11303605	CDC20B;CDC20B;CDC20B	0.000456153	0.0109941	0.38609	-2.59007	9.97E-05	0.127519	-7.84198	0.000122102	0.135261	-7.39309	0.000239319	0.162998	-6.13505	0.00314138	0.299897	-3.33448	0.0172988	0.421118	-2.37463	0.57906	0.846067	-1.18194	0.999071	0.999653	-1.00035	0.0196347	0.431327	-2.31843	14.6586	20.6572	1.25264	1
cg08212230	CDC20B;CDC20B;CDC20B;GPX8	0.0143838	0.0882193	2.30183	2.30183	0.269032	1.66553	1.66553	0.209549	0.556488	-1.79698	0.00204217	0.14566	-6.86532	0.465721	0.71965	-1.38956	0.154763	0.509198	-1.96387	0.00546051	0.19797	-5.05126	0.200036	0.54885	-1.82199	0.362401	1.51418	1.51418	5.25292	16.3394	2.76493	1
cg13650580	CDC20B;MIR449A;CDC20B;CDC20B	0.000883383	0.0017944	0.0770354	-12.9811	0.000435171	0.0403921	-24.7573	0.00622422	0.127712	-7.83013	0.0349334	0.242107	-4.1304	0.00197352	0.0802168	-12.4662	0.041448	0.257428	-3.88458	0.00011605	0.0202714	-49.3306	0.00254951	0.0893047	-11.1976	0.0065049	0.129913	-7.69745	12.1867	64.2746	4.68815	1
cg21604660	CDC20B;MIR449C;CDC20B;CDC20B	0.0120092	0.91502	0.989051	-1.01107	0.921763	0.989919	-1.01018	0.833671	0.978544	-1.02193	0.119169	0.839933	-1.19057	0.943251	0.992684	-1.00737	0.960947	0.994962	-1.00506	0.00229051	0.644194	-1.55233	0.00836227	1.4156	1.4156	0.011662	1.38422	1.38422	5.57212	0.938889	0.149776	1
cg05005023	CDC20B;MIR449C;CDC20B;CDC20B	0.0285371	0.299505	0.87822	-1.13867	0.147383	1.20654	1.20654	0.035631	1.3436	1.3436	0.524726	0.925105	-1.08096	0.0050665	1.56444	1.56444	0.989171	0.998362	-1.00164	0.0967649	1.2463	1.2463	0.0178203	1.41605	1.41605	0.0370686	1.33962	1.33962	4.15982	0.960939	0.205338	1
cg21973248	CDC23	0.000273544	0.47826	0.865152	-1.15587	0.0824313	0.679416	-1.47185	0.0428331	0.626022	-1.59739	0.0713248	1.49883	1.49883	0.0561975	1.54417	1.54417	7.70E-06	0.13905	-7.19164	0.0468224	1.57974	1.57974	0.0454826	1.58547	1.58547	0.0720868	1.49684	1.49684	16.8706	10.7862	0.568312	1
cg26715884	CDC23	0.014951	0.531214	1.14304	1.14304	0.00879085	2.02045	2.02045	0.365617	1.21645	1.21645	0.739761	1.07279	1.07279	0.412011	0.837942	-1.1934	0.00991122	0.503213	-1.98723	0.0300029	0.583867	-1.71272	0.0455918	0.616805	-1.62126	0.0722387	1.52636	1.52636	5.1863	3.64955	0.625502	1
cg26927150	CDC23	0.021465	0.691548	1.19128	1.19128	0.0525881	0.380146	-2.63057	0.0416414	0.356718	-2.80334	0.142456	0.500585	-1.99766	0.00060046	0.0979521	-10.2091	0.113908	0.470085	-2.12728	0.0528826	0.380725	-2.62657	0.261782	0.598342	-1.67128	0.303424	0.62636	-1.59653	4.59251	14.0108	2.71181	1
cg12346083	CDC23	0.0320001	0.648287	1.1408	1.1408	0.00930468	2.57635	2.57635	0.0166429	2.31332	2.31332	0.238919	1.42445	1.42445	0.0212482	2.21288	2.21288	0.0555328	1.86341	1.86341	0.0823446	0.575799	-1.73672	0.917728	0.970797	-1.03008	0.646178	1.14178	1.14178	3.99387	5.2043	1.15829	1
cg18049386	CDC25A;CDC25A	0.000249833	0.0856188	0.793405	-1.26039	0.125901	0.817333	-1.22349	3.48E-06	0.264696	-3.77793	0.548503	0.928719	-1.07675	0.0142006	0.691782	-1.44554	0.555475	0.929941	-1.07534	0.0145812	1.44256	1.44256	0.587087	1.06907	1.06907	0.815494	0.971931	-1.02888	17.2931	4.06322	0.208855	1
cg22682751	CDC25A;CDC25A	0.00073111	0.000208693	0.243207	-4.11173	0.00113569	0.335922	-2.97688	0.272285	0.770767	-1.29741	0.022166	0.535321	-1.86804	5.09E-05	0.177401	-5.63696	0.364956	0.808876	-1.23628	0.180689	0.723347	-1.38246	0.00341869	0.403995	-2.47528	0.0926649	0.655992	-1.52441	12.8533	10.5687	0.730897	1
cg03398966	CDC25A;CDC25A	0.00315342	0.00919719	0.56926	-1.75667	0.0221825	0.626773	-1.59547	0.0341938	0.656371	-1.52353	0.954424	1.00979	1.00979	0.000161772	0.33381	-2.99571	0.00230137	0.483938	-2.06638	0.0180385	0.612971	-1.6314	0.986704	1.00284	1.00284	0.0994999	0.735201	-1.36017	8.43219	3.87652	0.408648	1
cg00874581	CDC25A;CDC25A	0.00560079	0.159941	0.821825	-1.2168	0.0029388	0.586365	-1.70542	0.000868652	0.520474	-1.92133	0.38924	0.891087	-1.12223	0.00373733	0.599474	-1.66813	0.0071945	0.635465	-1.57365	0.0679181	0.765507	-1.30632	0.0725365	0.76962	-1.29934	0.409591	1.11652	1.11652	7.0879	1.9173	0.240448	1
cg00841001	CDC25A;CDC25A	0.0155005	0.00108308	0.299652	-3.3372	0.571509	0.866893	-1.15355	0.295792	0.762748	-1.31105	0.302788	0.765937	-1.30559	0.0014125	0.315244	-3.17215	0.669722	1.11314	1.11314	0.806935	0.940669	-1.06307	0.535281	0.854842	-1.16981	0.955235	0.986075	-1.01412	5.12469	5.06496	0.878529	1
ch.3.1012680R	CDC25A;CDC25A	0.0224139	0.000424894	0.0244739	-40.8599	0.133029	0.340481	-2.93702	0.117633	0.323135	-3.09468	0.0429922	0.212652	-4.70251	0.0603669	0.244642	-4.08761	0.270826	0.466678	-2.14281	0.207975	0.413733	-2.41702	0.146902	0.355274	-2.81473	0.191432	0.398759	-2.50778	4.52489	31.6682	6.22104	1
cg02449978	CDC25A;CDC25A	0.0281852	0.0155007	1.42698	1.42698	0.23421	1.16106	1.16106	0.132003	1.21492	1.21492	0.219468	1.16723	1.16723	0.0094191	1.4831	1.4831	0.331158	0.886859	-1.12758	0.0205799	0.716042	-1.39657	0.753738	1.03841	1.03841	0.378055	1.11439	1.11439	4.17806	0.948882	0.201876	1
cg05519377	CDC25A;CDC25A;CDC25A;CDC25A	0.0231378	0.478201	0.8947	-1.11769	0.237755	1.21028	1.21028	0.0615622	1.38398	1.38398	0.873572	0.975726	-1.02488	0.220987	1.21963	1.21963	0.551252	0.911165	-1.0975	0.000794174	0.457473	-2.18592	0.898386	1.01991	1.01991	0.806038	0.962749	-1.03869	4.47563	1.68797	0.335241	1
cg07141452	CDC25B;CDC25B;CDC25B	0.000155968	3.54E-06	0.252839	-3.95508	0.00582878	0.63384	-1.57768	0.0526654	1.32073	1.32073	0.0133263	1.47286	1.47286	0.123178	1.23479	1.23479	0.453763	1.10117	1.10117	0.605428	1.06803	1.06803	0.37111	1.12297	1.12297	0.222501	0.850527	-1.17574	19.6491	4.96315	0.224524	1
cg25961221	CDC25B;CDC25B;CDC25B	0.0325234	0.229624	0.818767	-1.22135	0.0482487	1.43054	1.43054	0.0303918	1.49729	1.49729	0.553346	1.09979	1.09979	0.017897	0.633508	-1.57851	0.355979	0.860184	-1.16254	0.0434753	0.6919	-1.44529	0.243529	1.21357	1.21357	0.386304	0.868597	-1.15128	3.97073	1.5824	0.354237	1
cg25115524	CDC25C;CDC25C	0.00433143	0.41592	0.806847	-1.23939	0.697567	0.904115	-1.10605	0.15546	1.48044	1.48044	0.860732	0.955685	-1.04637	0.468293	0.826568	-1.20982	0.000170591	0.192152	-5.20423	0.121577	0.648418	-1.54221	0.808218	0.939161	-1.06478	0.00147907	0.3061	-3.26691	7.66592	8.08899	0.937946	1
cg01117549	CDC25C;CDC25C	0.00942834	0.0123517	0.27742	-3.60465	0.0169429	0.301536	-3.31636	0.0470284	0.392324	-2.54891	0.276868	1.59286	1.59286	0.0041566	0.205711	-4.8612	0.0581301	0.414166	-2.41449	0.00241372	0.175636	-5.69359	0.526061	1.30272	1.30272	0.237582	0.600929	-1.66409	6.0227	16.1617	2.3853	1
cg25769935	CDC25C;CDC25C	0.0180442	0.212497	0.949285	-1.05342	0.0159823	0.889663	-1.12402	0.296301	1.04386	1.04386	0.267345	1.04686	1.04686	0.17955	0.945064	-1.05813	0.742393	1.01316	1.01316	0.00143406	0.833011	-1.20046	0.0738544	0.924067	-1.08217	0.332556	1.04041	1.04041	4.8711	0.121195	0.022116	1
cg18831045	CDC25C;CDC25C	0.0195491	0.00548577	0.391395	-2.55497	0.267871	0.743425	-1.34513	0.362767	0.786398	-1.27162	0.314034	0.765307	-1.30666	0.205957	1.40879	1.40879	0.239367	1.37234	1.37234	0.00229113	0.334478	-2.98974	0.549804	0.856033	-1.16818	0.0572979	0.575551	-1.73747	4.74111	4.95526	0.929038	1
cg12519992	CDC25C;CDC25C	0.0252393	0.452093	0.734111	-1.36219	?	?	?	0.00641697	0.143749	-6.95658	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.535273	1.28611	1.28611	9.92427	7.12382	0.95709	1
cg05956803	CDC25C;CDC25C	0.038213	0.0197863	0.493342	-2.02699	0.0103626	0.44455	-2.24947	0.0235198	0.507023	-1.9723	0.689405	0.904054	-1.10613	0.159806	0.685834	-1.45808	0.0207719	0.49716	-2.01143	0.934868	0.979688	-1.02073	0.0396486	0.550277	-1.81727	0.0420948	0.555441	-1.80037	3.74547	3.73935	0.887437	1
cg14784788	CDC25C;CDC25C;CDC25C;CDC25C	0.0254989	0.0824692	1.32655	1.32655	0.387322	1.13903	1.13903	0.980641	0.996442	-1.00357	0.943307	1.0105	1.0105	0.86982	0.976191	-1.02439	0.357059	0.870091	-1.14931	0.000606035	0.459977	-2.17402	0.415977	0.885023	-1.12991	0.739009	0.952065	-1.05035	4.32736	1.47926	0.303856	1
cg20637570	CDC27;CDC27	0.000286617	0.0335817	0.656355	-1.52356	0.00569252	1.84983	1.84983	0.0071306	1.80298	1.80298	0.420172	0.869627	-1.14992	9.71E-06	0.198974	-5.02577	0.0833152	1.38425	1.38425	0.335502	0.844974	-1.18347	0.533882	1.11278	1.11278	0.685993	0.933384	-1.07137	16.6568	7.58919	0.404997	1
cg08274661	CDC27;CDC27	0.0028429	0.060897	2.22319	2.22319	0.000181136	0.0911063	-10.9762	0.450205	0.747536	-1.33773	0.965077	0.983578	-1.0167	0.366302	1.4205	1.4205	0.399738	1.38543	1.38543	0.441333	1.34572	1.34572	0.0100214	3.41913	3.41913	0.0148079	3.10797	3.10797	8.69574	19.6973	2.01348	1
cg11612592	CDC27;CDC27	0.00370772	0.470867	1.35714	1.35714	0.609048	0.806745	-1.23955	0.00981771	0.256932	-3.89207	0.000147556	0.066074	-15.1345	0.0370501	0.36494	-2.74018	0.700005	0.851132	-1.17491	?	?	?	?	?	?	0.295202	0.636392	-1.57136	8.43254	18.0036	2.44002	1
cg12229912	CDC27;CDC27	0.0227022	0.67009	1.07057	1.07057	0.0394193	1.46102	1.46102	0.544233	1.10259	1.10259	0.0902823	1.34585	1.34585	0.507023	1.11306	1.11306	0.662082	0.932418	-1.07248	0.000998328	0.459468	-2.17643	0.830054	1.03479	1.03479	0.845343	1.03156	1.03156	4.50503	1.80644	0.356428	1
cg10910775	CDC27;CDC27	0.0334342	0.0110432	0.59452	-1.68203	0.00892918	0.581207	-1.72056	0.0422495	0.682713	-1.46474	0.127713	0.764397	-1.30822	0.116156	0.756884	-1.32121	0.0217953	0.638183	-1.56695	0.0527505	0.698239	-1.43217	0.0182268	0.626524	-1.59611	0.0806255	0.72899	-1.37176	3.93153	1.65711	0.374661	1
cg14957378	CDC34	0.00550425	0.00468054	0.445497	-2.24468	0.372854	1.21743	1.21743	0.538654	1.14325	1.14325	0.0846562	0.663565	-1.50701	0.0032911	0.422657	-2.36599	0.000542584	0.314644	-3.17819	0.638007	1.10729	1.10729	0.975702	1.00657	1.00657	0.413778	0.835541	-1.19683	7.12587	5.21955	0.651093	1
cg02483188	CDC34	0.0227205	0.0540064	1.52935	1.52935	0.00159475	2.41068	2.41068	0.0090933	1.90369	1.90369	0.011575	1.84638	1.84638	0.385179	1.18879	1.18879	0.585047	1.11305	1.11305	0.189352	1.31004	1.31004	0.500419	1.14208	1.14208	0.991877	0.998025	-1.00198	4.50378	2.69126	0.53116	1
cg27431859	CDC34	0.0298109	0.0194652	0.685456	-1.45888	0.387181	0.888234	-1.12583	0.385274	1.12639	1.12639	0.109929	0.792163	-1.26237	0.0502917	1.34767	1.34767	0.0210663	1.44917	1.44917	0.125863	0.801348	-1.2479	0.165693	1.21857	1.21857	0.332458	0.874863	-1.14304	4.09602	1.15985	0.251702	1
cg13467327	CDC34	0.0299353	0.0637937	0.646275	-1.54733	0.00391938	2.25544	2.25544	0.0279858	1.72272	1.72272	0.0508553	1.59367	1.59367	0.322425	1.23879	1.23879	0.520316	0.872389	-1.14628	0.19151	1.33602	1.33602	0.253327	1.28394	1.28394	0.816811	0.95255	-1.04981	4.08996	2.84303	0.617887	1
cg12825431	CDC34	0.0341603	0.213908	0.858044	-1.16544	0.1088	0.81496	-1.22705	0.022786	0.727011	-1.3755	0.320207	0.886774	-1.12768	0.0296568	0.741194	-1.34917	0.0120135	0.693137	-1.44272	0.0237381	0.729203	-1.37136	0.864831	1.02013	1.02013	0.128181	1.21215	1.21215	3.90121	0.845658	0.192683	1
cg15633375	CDC34	0.0346818	0.0311313	1.95169	1.95169	0.532907	0.846239	-1.1817	0.865437	1.04585	1.04585	0.552683	1.17207	1.17207	0.421432	1.24246	1.24246	0.327428	0.765497	-1.30634	0.0663133	1.72362	1.72362	0.0050451	2.66526	2.66526	0.011927	2.29195	2.29195	3.87993	4.2938	0.983706	1
cg02020319	CDC34	0.0406979	0.00189532	0.553985	-1.8051	0.595298	0.930595	-1.07458	0.3764	1.12952	1.12952	0.70917	1.05155	1.05155	0.34	0.876389	-1.14105	0.368787	0.883508	-1.13185	0.0747919	0.766225	-1.3051	0.116045	1.25757	1.25757	0.67641	1.05793	1.05793	3.65972	1.04348	0.253446	1
cg02190636	CDC34	0.0409917	0.00491537	0.439384	-2.27592	0.0711407	0.640901	-1.5603	0.506262	1.16048	1.16048	0.260148	0.771651	-1.29592	0.0309296	0.571671	-1.74926	0.0517435	0.613499	-1.63	0.737217	0.928372	-1.07715	0.161214	1.39129	1.39129	0.60038	0.889891	-1.12373	3.65001	2.81569	0.685706	1
cg15203429	CDC37	0.000103902	0.122913	0.759715	-1.31628	0.00450445	0.536593	-1.86361	0.000399681	0.396055	-2.5249	0.0145853	0.609815	-1.63984	2.98E-06	0.160199	-6.24225	0.000217448	0.362731	-2.75687	0.227773	1.23142	1.23142	0.296304	0.8369	-1.19489	0.51638	0.897462	-1.11425	21.9149	9.383	0.380583	1
cg13650843	CDC37	0.00114648	6.84E-05	0.140902	-7.09715	0.0408687	0.529828	-1.8874	0.759698	1.08607	1.08607	0.00038865	0.218184	-4.58329	0.251095	1.38087	1.38087	0.510742	1.19665	1.19665	0.534234	0.844164	-1.1846	0.164391	0.670821	-1.49071	0.0125263	0.433493	-2.30684	11.3181	12.9825	1.01961	1
cg21459710	CDC37	0.00479379	0.0242956	1.43814	1.43814	0.19231	0.829639	-1.20534	0.201322	0.833081	-1.20036	0.00549723	1.63884	1.63884	0.00256978	1.76078	1.76078	0.421475	1.11755	1.11755	0.0110736	0.649766	-1.53902	0.0668	0.75721	-1.32064	0.386089	1.12778	1.12778	7.43344	2.15626	0.257845	1
cg20175418	CDC37	0.0108629	0.305124	0.723777	-1.38164	0.0058841	0.333817	-2.99565	0.63076	0.862923	-1.15885	0.300919	0.72159	-1.38583	0.118289	0.596752	-1.67574	0.159148	0.632503	-1.58102	0.0148002	0.401361	-2.49152	0.00244302	3.60995	3.60995	0.295866	0.718938	-1.39094	5.75572	8.44775	1.30463	1
cg26734579	CDC37	0.0129202	0.40434	0.797386	-1.2541	0.00439121	0.36447	-2.74371	0.949862	1.01683	1.01683	0.264897	1.36115	1.36115	0.440054	0.811439	-1.23238	0.000869584	0.265626	-3.76469	0.772599	1.07992	1.07992	0.799714	0.934763	-1.06979	0.0269798	0.499079	-2.00369	5.44108	6.06773	0.991262	1
cg21302812	CDC37	0.0289941	0.0843403	0.627165	-1.59448	0.0843418	0.627166	-1.59447	0.399	0.809793	-1.23488	0.141057	0.679232	-1.47225	0.010669	0.456431	-2.19091	0.0724152	0.61273	-1.63204	0.0175383	0.493477	-2.02644	0.0857335	1.59048	1.59048	0.0222988	0.512129	-1.95263	4.13653	3.91125	0.84048	1
cg13801656	CDC37L1	0.0390116	0.403557	0.763928	-1.30902	0.197704	0.651194	-1.53564	0.328649	0.727871	-1.37387	0.90691	1.03754	1.03754	0.00220687	0.258808	-3.86386	0.15488	0.619013	-1.61548	0.231311	0.673311	-1.4852	0.0385773	2.12737	2.12737	0.989868	0.996007	-1.00401	3.71718	5.84304	1.39725	1
cg16137285	CDC40	0.00459462	0.0615459	1.60758	1.60758	0.00176365	0.36632	-2.72986	0.300864	0.785332	-1.27335	0.0514232	0.606593	-1.64855	0.0635912	0.624911	-1.60023	0.0297053	1.7804	1.7804	0.00391213	2.39992	2.39992	0.899467	0.971911	-1.0289	0.270811	0.772253	-1.29491	7.53	6.05996	0.715356	1
cg07135664	CDC42;CDC42	0.000237645	4.60E-06	0.365929	-2.73277	0.215604	1.13269	1.13269	0.00108645	0.630673	-1.58561	0.604139	1.05127	1.05127	0.200334	0.878692	-1.13806	0.415017	0.923438	-1.08291	0.0049049	0.700212	-1.42814	0.344362	1.09759	1.09759	0.138438	0.858566	-1.16473	17.5303	2.53747	0.128665	1
cg24033557	CDC42;CDC42;CDC42	0.000428666	0.000578946	0.109467	-9.13515	0.00884355	0.250348	-3.99444	0.00213057	0.166369	-6.01072	0.102291	0.475676	-2.10227	8.24E-05	0.0524498	-19.0658	0.00410959	0.201971	-4.95121	0.00724611	0.237003	-4.21936	0.000127787	0.0627383	-15.9392	0.00133015	0.143814	-6.95345	14.9126	40.7842	2.43101	1
cg06912792	CDC42;CDC42;CDC42	0.00179292	0.478348	0.819294	-1.22056	0.723342	1.10328	1.10328	0.814828	1.06702	1.06702	0.00465592	2.83108	2.83108	0.570168	1.17196	1.17196	0.0318509	2.00485	2.00485	0.779312	0.925261	-1.08078	3.05E-05	9.51529	9.51529	0.186823	1.47245	1.47245	9.95315	12.0533	1.07645	1
cg02060627	CDC42;CDC42;CDC42	0.00262393	0.541639	0.900577	-1.1104	0.242717	0.812847	-1.23024	0.00245471	0.489615	-2.04242	0.0514647	0.68675	-1.45613	0.00980136	0.574971	-1.73922	0.0113759	0.584501	-1.71086	7.09E-05	0.292847	-3.41475	0.323573	0.841301	-1.18863	0.222981	0.8049	-1.24239	8.9042	4.05121	0.404424	1
cg11572548	CDC42;CDC42;CDC42	0.00278239	0.292508	1.23324	1.23324	0.733461	0.936492	-1.06781	0.104401	0.711228	-1.40602	0.195956	0.769118	-1.30019	0.293381	0.811205	-1.23273	0.234674	1.27014	1.27014	0.00352865	0.467981	-2.13684	0.000231783	3.2314	3.2314	0.0531006	0.655813	-1.52483	8.75129	5.10747	0.518778	1
cg08608952	CDC42;CDC42;CDC42	0.00290087	0.0439582	1.95659	1.95659	0.00233555	3.42818	3.42818	0.00343443	3.16565	3.16565	0.0566569	1.86921	1.86921	0.0633236	1.8321	1.8321	0.00419409	3.04044	3.04044	0.606261	1.1627	1.1627	0.000175435	6.32973	6.32973	0.372225	1.30423	1.30423	8.64389	11.5081	1.18342	1
cg23019935	CDC42;CDC42;CDC42	0.0042892	0.0179965	0.51193	-1.95339	0.0271486	0.543766	-1.83903	0.0558892	0.603767	-1.65627	0.707078	0.915813	-1.09193	0.692599	0.911591	-1.09698	0.157206	1.42248	1.42248	0.0129111	0.487231	-2.05242	0.000626023	3.40496	3.40496	0.43036	0.829019	-1.20625	7.68868	6.60847	0.764006	1
cg18768612	CDC42;CDC42;CDC42	0.00807294	0.00836616	0.122114	-8.18909	0.00613262	0.107317	-9.31816	0.0697222	0.281981	-3.54634	0.521344	0.666529	-1.50031	0.005833	0.105079	-9.51666	0.064948	0.274312	-3.64548	0.00302289	0.0791224	-12.6386	0.00306197	0.0795732	-12.567	0.0271434	0.195486	-5.11546	6.32605	39.026	5.48363	1
cg13962372	CDC42;CDC42;CDC42	0.0198666	0.157314	1.83708	1.83708	0.00297426	5.15125	5.15125	0.0312975	2.76213	2.76213	0.214013	1.69241	1.69241	0.245599	1.6297	1.6297	0.0204513	3.0751	3.0751	0.052973	2.4216	2.4216	0.00250831	5.40977	5.40977	0.116495	1.9856	1.9856	4.71527	12.0781	2.27688	1
cg27183311	CDC42BPA;CDC42BPA	0.00280734	0.859291	0.937556	-1.0666	0.0961912	0.514884	-1.94218	0.155204	0.575386	-1.73796	0.607738	1.20699	1.20699	7.74E-05	0.0742411	-13.4696	0.080326	0.494148	-2.02368	0.787014	0.90628	-1.10341	0.0125991	3.08718	3.08718	0.689435	1.15716	1.15716	8.72821	18.2522	1.85882	1
cg25030644	CDC42BPA;CDC42BPA	0.0039353	0.00654475	0.833003	-1.20048	0.0625079	1.11453	1.11453	0.672448	1.02224	1.02224	0.240925	0.938475	-1.06556	0.139075	1.08584	1.08584	0.101576	0.911454	-1.09715	0.000455809	0.751546	-1.33059	0.0285997	1.14292	1.14292	0.402493	0.956651	-1.04531	7.89117	0.334368	0.0376644	1
cg06057666	CDC42BPA;CDC42BPA	0.00898262	0.268204	1.21766	1.21766	0.0200119	0.619204	-1.61498	0.00623598	0.544027	-1.83815	0.732722	0.943144	-1.06028	0.00329171	0.5047	-1.98138	0.0548065	1.45053	1.45053	0.289096	1.20672	1.20672	0.0848366	1.38462	1.38462	0.881461	0.974842	-1.02581	6.11612	2.82452	0.410503	1
cg04875436	CDC42BPA;CDC42BPA	0.0224783	0.198416	0.689702	-1.4499	0.514652	0.834765	-1.19794	0.583239	1.16352	1.16352	0.0548237	0.551413	-1.81352	0.0380306	0.518218	-1.92969	0.0534997	0.54913	-1.82106	0.000999777	0.263005	-3.80221	0.349628	1.30103	1.30103	0.929459	0.97609	-1.0245	4.52042	5.34856	1.05173	1
cg26975587	CDC42BPB	0.00014039	0.92623	0.985792	-1.01441	0.01457	0.628179	-1.5919	0.0177721	0.640595	-1.56105	0.836604	1.03243	1.03243	1.41E-06	0.149889	-6.67158	0.629619	0.927662	-1.07798	0.169476	1.25377	1.25377	0.383435	0.871008	-1.14809	0.878258	1.02397	1.02397	20.2142	7.6442	0.336142	1
cg10087771	CDC42BPB	0.000186476	0.506672	1.1434	1.1434	0.000155437	0.275736	-3.62666	0.0127958	0.540617	-1.84974	0.112211	1.41055	1.41055	2.43E-05	0.187884	-5.32243	0.00393319	2.16344	2.16344	0.151478	1.35755	1.35755	0.488491	1.15024	1.15024	0.0251611	0.588819	-1.69832	18.723	11.7309	0.556935	1
cg22897701	CDC42BPB	0.000721954	0.0743902	1.2794	1.2794	0.00235186	0.590932	-1.69224	0.000352576	0.490902	-2.03706	0.00714625	0.650151	-1.53811	0.000757997	0.531138	-1.88275	0.384833	0.895447	-1.11676	0.524313	0.92314	-1.08326	0.0132354	0.683473	-1.46311	0.00736832	1.53423	1.53423	12.8988	3.13826	0.216266	1
cg14474150	CDC42BPB	0.00178657	0.00449311	3.23383	3.23383	0.875101	1.04995	1.04995	0.00522531	3.13197	3.13197	0.000540717	5.29562	5.29562	0.241424	1.4622	1.4622	0.000334507	6.00632	6.00632	0.142482	1.62984	1.62984	0.00403164	3.30971	3.30971	0.00495164	3.16777	3.16777	9.9634	15.1496	1.35158	1
cg18733798	CDC42BPB	0.00250121	0.0152064	0.544586	-1.83626	0.000355524	0.310778	-3.21773	0.0168271	0.551802	-1.81224	0.146591	1.37383	1.37383	0.0037986	0.451224	-2.21619	0.111408	0.702265	-1.42396	0.00874853	0.506226	-1.9754	0.167432	1.34979	1.34979	0.530653	1.13822	1.13822	9.03075	5.9426	0.584925	1
cg10036612	CDC42BPB	0.00287278	0.0164382	0.61781	-1.61862	0.00240538	2.00271	2.00271	0.0347564	1.49818	1.49818	0.639508	0.925436	-1.08057	0.0578499	0.703101	-1.42227	0.172363	0.787742	-1.26945	0.00332689	1.92809	1.92809	0.0896214	0.735369	-1.35986	0.0253422	0.646191	-1.54753	8.66885	3.70441	0.379844	1
cg01989521	CDC42BPB	0.00298393	0.0255679	1.5718	1.5718	0.451003	0.877288	-1.13988	0.145434	1.30538	1.30538	0.000813708	2.36462	2.36462	0.898562	1.02198	1.02198	0.698848	1.06852	1.06852	0.00179837	0.469076	-2.13185	0.00535812	1.86862	1.86862	0.30143	1.20023	1.20023	8.57181	3.94517	0.40911	1
cg16561957	CDC42BPB	0.00676748	0.469332	1.17007	1.17007	0.00164376	0.382254	-2.61606	0.0124396	0.514978	-1.94183	0.303557	0.796637	-1.25528	0.0754964	0.655624	-1.52526	0.0410895	0.604794	-1.65346	0.00483902	2.21955	2.21955	0.289305	0.79083	-1.26449	0.467622	0.854117	-1.1708	6.68508	4.81956	0.640838	1
cg05895018	CDC42BPB	0.00704362	0.0432992	0.67719	-1.47669	0.0137086	1.66718	1.66718	0.382267	0.860477	-1.16215	0.83938	0.966539	-1.03462	0.87175	0.97327	-1.02746	0.105595	0.743428	-1.34512	0.00101084	2.26598	2.26598	0.861419	1.02974	1.02974	0.0208939	0.627405	-1.59387	6.60232	2.94073	0.395919	1
cg12116939	CDC42BPB	0.0084184	?	?	?	0.00387612	1.83364	1.83364	0.0027218	1.90627	1.90627	0.645095	1.07496	1.07496	0.00308262	1.88014	1.88014	0.848984	0.970726	-1.03016	0.0114738	1.63713	1.63713	0.185569	1.24457	1.24457	0.200854	1.23438	1.23438	6.37034	2.1786	0.341991	1
cg21164005	CDC42BPB	0.0101237	0.284386	0.678966	-1.47283	0.00366327	0.254594	-3.92782	0.0508251	0.460871	-2.16981	0.646572	1.17438	1.17438	0.0158374	0.35736	-2.7983	0.0281023	2.46703	2.46703	0.18746	1.62644	1.62644	0.672812	1.15938	1.15938	0.0137563	0.346315	-2.88755	5.88741	11.303	1.70654	1
cg16283158	CDC42BPB	0.0108606	0.120852	0.758412	-1.31854	0.000575612	2.40096	2.40096	0.171261	1.27056	1.27056	0.086346	0.732378	-1.36542	0.317085	0.843654	-1.18532	0.687531	0.935695	-1.06872	0.314305	1.18656	1.18656	0.22368	0.810463	-1.23386	0.0870961	1.3642	1.3642	5.75612	2.46349	0.380424	1
cg09985481	CDC42BPB	0.0144647	0.0210235	0.609554	-1.64054	0.0456513	1.5048	1.5048	0.104878	1.3717	1.3717	0.927279	0.983852	-1.01641	0.170206	0.770664	-1.29758	0.385051	0.853152	-1.17212	0.00169773	2.22449	2.22449	0.522851	0.890933	-1.12242	0.46474	0.875737	-1.14189	5.24323	2.64095	0.447724	1
cg16209303	CDC42BPB	0.0147774	0.0974811	0.585778	-1.70713	0.856634	0.948203	-1.05463	0.020476	0.439862	-2.27344	0.432095	1.26593	1.26593	0.00106553	0.241096	-4.14773	0.0993123	0.587803	-1.70125	0.0665108	1.8316	1.8316	0.860905	1.05294	1.05294	0.147288	0.632954	-1.57989	5.20636	7.13246	1.21773	1
cg02938407	CDC42BPB	0.0172891	0.347117	0.864582	-1.15663	0.00926552	1.64264	1.64264	0.00142727	2.00047	2.00047	0.733443	0.949921	-1.05272	0.258275	1.19398	1.19398	0.50565	1.10684	1.10684	0.0114539	1.60886	1.60886	0.664462	1.06779	1.06779	0.802996	0.963127	-1.03828	4.94151	1.76797	0.318026	1
cg14533120	CDC42BPB	0.0183401	0.559004	1.14201	1.14201	0.0233984	0.544078	-1.83797	0.0535603	0.610987	-1.6367	0.0108534	0.487308	-2.05209	0.087117	0.654074	-1.52888	0.00295467	0.399692	-2.50192	0.342542	1.24578	1.24578	0.0351637	0.576124	-1.73574	0.578634	0.881548	-1.13437	4.84451	3.87484	0.710971	1
cg19589358	CDC42BPB	0.019456	?	?	?	0.165537	1.78926	1.78926	0.721073	0.869605	-1.14995	0.129689	1.90653	1.90653	0.00438222	0.211473	-4.72873	0.0251874	0.344431	-2.90334	0.0782717	2.16953	2.16953	0.542567	1.27191	1.27191	0.0966003	0.486327	-2.05623	5.38209	11.2517	1.82925	1
cg15988734	CDC42BPB	0.0195451	0.873911	0.974084	-1.02661	0.784497	1.04636	1.04636	0.0255603	0.644913	-1.5506	0.0302382	0.656221	-1.52388	0.00102331	0.447127	-2.2365	0.0905813	0.734699	-1.3611	0.263049	0.824546	-1.21279	0.0160634	0.614365	-1.6277	0.601836	0.916641	-1.09094	4.74145	2.05283	0.384848	1
cg02907662	CDC42BPB	0.0230502	0.929942	1.01923	1.01923	0.0049222	2.24111	2.24111	0.00155501	2.67878	2.67878	0.365155	1.22331	1.22331	0.697257	1.08837	1.08837	0.378158	1.21637	1.21637	0.0186161	1.85512	1.85512	0.347272	1.23323	1.23323	0.931157	0.981457	-1.01889	4.48148	3.33045	0.660584	1
cg01333131	CDC42BPB	0.0262505	0.115231	1.25813	1.25813	0.479387	0.90809	-1.10121	0.0224974	1.44264	1.44264	0.121721	1.25226	1.25226	0.662572	0.942825	-1.06064	0.00429002	1.66892	1.66892	0.137595	1.23913	1.23913	0.00696929	1.59684	1.59684	0.983428	0.997219	-1.00279	4.28369	1.21978	0.25311	1
cg07167192	CDC42BPB	0.0270539	0.000855972	0.104381	-9.5803	0.427813	1.4409	1.4409	0.272155	1.67485	1.67485	0.207504	1.82156	1.82156	0.320529	1.589	1.589	0.487321	1.37493	1.37493	0.216962	1.79702	1.79702	0.989949	1.0057	1.0057	0.524322	1.33793	1.33793	4.2387	13.6661	2.8659	1
cg24726553	CDC42BPB	0.0271706	0.435271	1.21741	1.21741	0.00301918	0.36615	-2.73112	0.680544	0.902747	-1.10773	0.709962	0.91181	-1.09672	0.283809	0.759433	-1.31677	0.350576	0.78864	-1.26801	0.0900319	1.58686	1.58686	0.0136134	0.470316	-2.12623	0.208877	1.38733	1.38733	4.2323	4.09388	0.859818	1
cg27028800	CDC42BPB	0.0286246	0.328673	1.35593	1.35593	0.430653	0.784318	-1.27499	0.627307	1.15925	1.15925	0.755634	0.910021	-1.09888	0.0053317	0.329995	-3.03035	0.00316408	0.295871	-3.37985	0.406393	1.29243	1.29243	0.749931	1.1014	1.1014	0.153182	0.630039	-1.5872	4.15532	6.00304	1.28414	1
cg25059541	CDC42BPB	0.0293138	0.061944	0.639402	-1.56396	0.0252693	1.76117	1.76117	0.0219153	1.79503	1.79503	0.733817	0.929953	-1.07532	0.105623	0.686524	-1.45661	0.598227	1.11979	1.11979	0.0322583	1.70489	1.70489	0.0522276	1.59964	1.59964	0.891866	1.02936	1.02936	4.12051	2.95414	0.637278	1
cg02995680	CDC42BPB	0.0325598	0.226364	1.33038	1.33038	0.0221603	0.539915	-1.85214	0.156039	0.711031	-1.40641	0.012866	0.499517	-2.00193	0.11733	0.682312	-1.46561	0.0144083	0.50775	-1.96947	0.49288	1.16942	1.16942	0.124309	0.687988	-1.45351	0.429796	1.19855	1.19855	3.96914	3.17464	0.71096	1
cg14543730	CDC42BPB	0.0468916	0.0740214	0.276143	-3.62132	0.385649	1.77682	1.77682	0.102916	0.315639	-3.16817	0.0740994	0.27626	-3.61978	0.0122959	0.133295	-7.50218	0.707872	1.27544	1.27544	0.0170241	0.152521	-6.55648	0.635898	1.36103	1.36103	0.0718181	0.272798	-3.66571	3.47143	22.9665	5.88077	1
cg21057323	CDC42BPB	0.0471103	0.252905	0.732743	-1.36473	0.386825	0.793744	-1.25985	0.0427757	0.544852	-1.83536	0.00487486	0.378404	-2.64268	0.497951	1.19622	1.19622	0.596606	0.870145	-1.14923	0.0413677	1.84532	1.84532	0.95179	1.01587	1.01587	0.797835	1.06912	1.06912	3.46535	3.72151	0.954596	1
cg04899282	CDC42BPB;CDC42BPB	0.0123387	0.0591747	0.82913	-1.20608	0.292119	1.10091	1.10091	0.213946	0.891285	-1.12197	0.0267951	0.793946	-1.25953	0.0769958	0.841176	-1.18881	0.107326	0.856766	-1.16718	0.00226372	0.686783	-1.45606	0.43684	1.07226	1.07226	0.0264671	1.26039	1.26039	5.52334	0.676711	0.108905	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27585287	CDC42EP1	0.0113648	0.0117174	4.11115	4.11115	0.00244114	6.64111	6.64111	0.0140121	3.90384	3.90384	0.0184164	3.61004	3.61004	0.803154	1.11865	1.11865
cg01710158	CDC42EP2	0.0112967	0.00811532	0.437778	-2.28426	0.0156546	2.05877	2.05877	0.819923	1.05714	1.05714	0.124687	1.49947	1.49947	0.0134266	0.474221	-2.10872
cg11770667	CDC42EP2	0.0119353	0.298972	1.19673	1.19673	0.00945112	1.73102	1.73102	0.118353	0.753627	-1.32692	0.0934851	1.36038	1.36038	0.00361716	0.518401	-1.92901
cg09354949	CDC42EP2	0.0140422	0.754998	1.07126	1.07126	0.0985335	1.48938	1.48938	0.0909671	0.664037	-1.50594	0.259355	0.772027	-1.29529	0.000488465	0.300753	-3.32499
cg23175918	CDC42EP2	0.015969	0.229408	0.852643	-1.17282	0.00890227	0.656583	-1.52304	0.0304691	0.725096	-1.37913	0.110881	1.24552	1.24552	0.203598	1.18485	1.18485
cg09258981	CDC42EP2	0.0287003	0.0469896	1.54457	1.54457	0.674504	0.922409	-1.08412	0.848808	1.03717	1.03717	0.74154	1.06533	1.06533	0.00619668	0.505362	-1.97878
cg09344943	CDC42EP2;CDC42EP2	0.000216972	0.930948	1.01095	1.01095	0.00482713	1.59972	1.59972	0.767178	1.03802	1.03802	0.970401	1.00467	1.00467	0.00949009	0.661668	-1.51133
cg23094057	CDC42EP3	2.84E-05	0.384838	0.913057	-1.09522	0.0298675	1.29808	1.29808	0.00251252	1.53483	1.53483	0.0448435	1.265	1.265	0.0126741	1.37205	1.37205
cg08080195	CDC42EP3	0.000487339	0.159442	0.671969	-1.48816	0.00237337	3.06635	3.06635	0.55795	0.854989	-1.16961	0.135831	0.653774	-1.52958	0.000121049	0.169399	-5.90321
cg09973148	CDC42EP3	0.00890594	0.00170641	0.29031	-3.4446	0.851235	1.0532	1.0532	0.43394	0.802159	-1.24663	0.00248871	0.3133	-3.19183	0.381685	0.780577	-1.2811
cg19275008	CDC42EP3	0.0206922	0.0145349	0.38262	-2.61356	0.00339807	0.280607	-3.5637	0.0572411	0.503346	-1.98671	0.00481904	0.303158	-3.29861	0.118544	0.5823	-1.71733
cg05655116	CDC42EP3	0.0207365	0.440535	0.928887	-1.07656	0.690052	1.03831	1.03831	0.0517005	1.23081	1.23081	0.826844	0.979663	-1.02076	0.454112	1.07413	1.07413
cg04123995	CDC42EP4	8.00E-05	0.733903	1.04964	1.04964	0.0105784	1.57867	1.57867	0.236718	0.838588	-1.19248	0.0849245	1.31064	1.31064	0.968825	0.994466	-1.00556
cg11966886	CDC42EP4	0.00421478	0.00681866	1.80133	1.80133	0.0021009	2.06765	2.06765	0.0637598	1.41895	1.41895	0.00967682	1.73267	1.73267	0.0561467	0.695454	-1.43791
cg17379666	CDC42EP4	0.00542895	0.00668673	0.455666	-2.19459	0.400636	1.21192	1.21192	0.569501	1.13704	1.13704	0.412962	1.20562	1.20562	0.000738902	0.318198	-3.1427
cg20113012	CDC42EP4	0.00864718	0.00811011	0.345168	-2.89714	0.759	1.10138	1.10138	0.0178405	0.405084	-2.46863	0.291371	0.709235	-1.40997	0.000697969	0.197354	-5.06704
cg19496059	CDC42EP4	0.020437	0.122689	1.47348	1.47348	0.156881	1.42034	1.42034	0.00808291	2.19487	2.19487	0.238447	1.33131	1.33131	0.0157393	0.503648	-1.98551
cg24543937	CDC42EP4	0.0213966	0.183411	0.767124	-1.30357	0.716676	1.07085	1.07085	0.0258031	1.64407	1.64407	0.285539	1.23162	1.23162	0.119731	0.728281	-1.3731
cg15703377	CDC42EP4	0.0245492	0.0786361	1.79453	1.79453	0.0927224	1.73988	1.73988	0.00743597	2.80673	2.80673	0.250658	1.43239	1.43239	0.141586	0.623017	-1.60509
cg02123767	CDC42EP4	0.0340247	0.159147	0.63909	-1.56472	0.00134974	0.250274	-3.99562	0.0653219	0.540326	-1.85074	0.820886	1.0698	1.0698	0.146321	0.628792	-1.59035
cg23890832	CDC42EP4	0.0456345	0.568256	1.07795	1.07795	0.491706	0.91312	-1.09515	0.906263	0.984786	-1.01545	0.666471	1.05805	1.05805	0.0142061	0.674566	-1.48243
cg26221796	CDC42EP5	0.000635304	0.00286743	0.369681	-2.70504	0.00708488	0.429948	-2.32586	0.0820006	0.626581	-1.59596	0.0108071	0.459937	-2.17421	8.52E-05	0.180413	-5.54284
cg27583922	CDC42EP5	0.00215658	0.0709626	0.583463	-1.7139	0.739889	0.914861	-1.09306	0.000675696	0.249552	-4.00718	0.147735	0.660481	-1.51405	0.00143094	0.291837	-3.42657
cg27318157	CDC42EP5	0.00297996	0.0113136	2.07156	2.07156	0.000517047	3.46864	3.46864	0.00201029	2.72044	2.72044	0.0128212	2.03345	2.03345	0.199997	0.732813	-1.36461
cg21931078	CDC42EP5	0.0070016	0.00511567	0.232587	-4.29947	0.0224282	0.340132	-2.94004	0.00510961	0.232513	-4.30084	0.118273	0.512376	-1.95169	0.00194136	0.177525	-5.63301
cg13331542	CDC42EP5	0.01535	0.168392	1.55206	1.55206	0.925172	0.972258	-1.02853	0.0458968	0.50394	-1.98436	0.725738	0.899893	-1.11124	0.00122036	0.24237	-4.12593
cg11456145	CDC42EP5	0.0178802	0.0183634	4.54897	4.54897	0.0242977	4.14286	4.14286	0.0590984	3.09048	3.09048	0.0809993	2.78514	2.78514	0.0273012	0.250897	-3.98569
cg24468070	CDC42EP5	0.0221297	0.501566	1.5006	1.5006	0.00712086	0.126381	-7.91257	0.136722	0.385224	-2.59589	0.0447024	3.94061	3.94061	0.276535	1.96104	1.96104
cg25268754	CDC42EP5	0.0271217	0.564288	1.11384	1.11384	0.0365289	1.56758	1.56758	0.980468	1.00454	1.00454	0.0136896	1.75766	1.75766	0.0120219	0.560194	-1.78509
cg00041641	CDC42SE1;CDC42SE1	0.00736851	0.238884	1.16621	1.16621	0.062935	1.29795	1.29795	0.0482836	1.32486	1.32486	0.274889	1.15212	1.15212	0.000378601	0.492651	-2.02983
cg00653615	CDC42SE1;CDC42SE1	0.0311303	0.0298345	0.35578	-2.81073	0.214679	1.69568	1.69568	0.521936	1.30004	1.30004	0.0651761	0.433008	-2.30943	0.0112805	0.27718	-3.60776
cg08265551	CDC42SE1;CDC42SE1;CDC42SE1;MLLT11;CDC42SE1	0.039159	0.491621	1.07166	1.07166	0.84669	1.01936	1.01936	0.205383	1.14154	1.14154	0.15619	1.16218	1.16218	0.506508	1.06906	1.06906
cg18660898	CDC42SE1;CDC42SE1;MLLT11	0.0217525	0.00978099	0.335305	-2.98236	0.267332	1.47188	1.47188	0.0501064	0.473689	-2.11109	0.0790904	0.520913	-1.91971	0.231659	0.65728	-1.52142
cg24600498	CDC42SE1;CDC42SE1;MLLT11	0.0386092	0.510288	1.19675	1.19675	0.35065	1.2948	1.2948	0.675096	0.892813	-1.12006	0.791246	0.931139	-1.07395	0.946294	0.982045	-1.01828
cg10401367	CDC42SE1;CDC42SE1;MLLT11	0.0445239	0.953997	1.01252	1.01252	0.0718988	1.54236	1.54236	0.996933	1.00083	1.00083	0.414434	0.835335	-1.19712	0.388785	1.20984	1.20984
cg02308795	CDC42SE2;CDC42SE2	0.00090447	0.00424122	0.332078	-3.01134	0.504665	0.839459	-1.19124	0.843685	1.0521	1.0521	0.37672	1.26545	1.26545	0.0162542	0.44226	-2.26111
cg11290181	CDC42SE2;CDC42SE2	0.0199324	0.144435	0.846356	-1.18154	0.0113346	0.713641	-1.40127	0.0245275	0.751979	-1.32982	0.061477	1.25128	1.25128	0.111642	0.831633	-1.20245
cg21153026	CDC42SE2;CDC42SE2	0.0278914	0.690219	0.945508	-1.05763	0.181254	0.819948	-1.21959	0.86255	0.976054	-1.02453	0.0175694	0.667552	-1.49801	0.861756	1.02468	1.02468
cg23872935	CDC42SE2;CDC42SE2	0.0308439	0.242252	0.910288	-1.09855	0.00946611	1.28727	1.28727	0.00709154	1.30628	1.30628	0.330142	0.925725	-1.08023	0.809352	0.981608	-1.01874
cg02154268	CDC42SE2;CDC42SE2	0.0359633	0.0770964	0.811654	-1.23205	0.975376	1.00328	1.00328	0.0276608	0.758505	-1.31838	0.0217315	0.746407	-1.33975	0.00339641	0.655214	-1.52622
cg24527183	CDC42SE2;CDC42SE2	0.0420689	0.0424274	0.609078	-1.64183	0.466482	0.854521	-1.17025	0.0636333	0.642499	-1.55642	0.160159	1.37486	1.37486	0.118015	1.43346	1.43346
cg02523014	CDC42SE2;CDC42SE2	0.047901	0.044071	0.51979	-1.92386	0.0187423	0.446795	-2.23816	0.623668	0.869469	-1.15013	0.652933	0.879826	-1.13659	0.00530178	0.353685	-2.82738
cg06534586	CDC42SE2;CDC42SE2	0.0489587	0.0191635	0.27515	-3.63439	0.743054	0.860911	-1.16156	0.671839	1.21409	1.21409	0.191133	1.87791	1.87791	0.00497747	0.18404	-5.4336
cg17533455	CDC42SE2;CDC42SE2;CDC42SE2;CDC42SE2	0.00566188	0.164989	1.16139	1.16139	0.00564233	0.692864	-1.44328	0.122707	1.18405	1.18405	0.0106997	1.38272	1.38272	0.0331802	0.777623	-1.28597
cg02333649	CDC45L	0.000191656	0.00369619	0.606002	-1.65016	8.58E-05	2.4606	2.4606	0.941847	1.00936	1.00936	0.611629	1.06756	1.06756	2.13E-05	0.335203	-2.98327
cg15188688	CDC45L	0.00667897	0.0114855	0.315049	-3.17411	0.0339177	0.404737	-2.47074	0.0735112	0.482462	-2.0727	0.848889	1.07216	1.07216	0.10469	0.523208	-1.91129
cg18138826	CDC5L	5.84E-05	0.000185458	0.413434	-2.41876	0.00235603	0.552314	-1.81056	0.0316141	0.70287	-1.42274	0.334153	1.14954	1.14954	2.19E-06	0.197387	-5.0662
cg20172957	CDC5L	0.000400555	?	?	?	0.00338354	5.61458	5.61458	0.00226113	6.5023	6.5023	?	?	?	0.697015	1.16244	1.16244
cg03845383	CDC5L	0.00363711	0.615665	1.08546	1.08546	0.0179872	1.59313	1.59313	0.0406363	1.46663	1.46663	0.0113616	0.598444	-1.671	0.00146758	0.47521	-2.10433
cg05585911	CDC5L	0.00636969	0.113902	0.683792	-1.46243	0.0898022	0.661474	-1.51178	0.00477726	0.437001	-2.28833	0.422121	0.834251	-1.19868	0.02439	0.552773	-1.80906
cg01411222	CDC5L	0.00979297	0.0421778	0.510067	-1.96053	0.0164449	0.430358	-2.32364	0.0141289	0.418516	-2.38939	0.157333	0.647312	-1.54485	0.00165049	0.273763	-3.65279
cg05318503	CDC5L	0.0198045	0.687726	1.09998	1.09998	0.595638	0.881339	-1.13464	0.382572	0.809628	-1.23513	0.918053	1.02457	1.02457	0.0087681	0.455072	-2.19746
cg12942320	CDC5L	0.0209009	0.0289444	0.446502	-2.23963	0.285425	0.70653	-1.41537	0.996532	0.99864	-1.00136	0.593918	1.18353	1.18353	0.00105907	0.219599	-4.55376
cg13184442	CDC5L	0.0217577	0.507043	1.09224	1.09224	0.0234882	1.42578	1.42578	0.311731	1.14704	1.14704	0.131544	0.807834	-1.23788	0.144835	1.22786	1.22786
cg15295775	CDC5L	0.0269164	0.009209	0.348507	-2.86939	0.701993	1.13041	1.13041	0.664634	0.870167	-1.14921	0.680019	1.14137	1.14137	0.001976	0.24816	-4.02966
cg22877480	CDC5L	0.0417568	0.000876361	0.34132	-2.9298	0.528514	0.87148	-1.14747	0.800559	1.05605	1.05605	0.464496	0.85182	-1.17396	0.151029	0.717844	-1.39306
cg19291926	CDC6	6.15E-06	2.16E-05	4.1659	4.1659	0.00546644	0.543135	-1.84116	0.883585	0.975821	-1.02478	2.89E-07	12.4381	12.4381	2.78E-05	3.97011	3.97011
cg23188547	CDC6	6.07E-05	0.247356	1.19045	1.19045	0.335708	0.866686	-1.15382	0.0229882	0.675721	-1.4799	7.68E-07	6.7985	6.7985	0.361995	0.873673	-1.14459
cg17231373	CDC6	0.00163162	0.0126078	0.381708	-2.6198	0.00309085	0.284463	-3.5154	0.00363216	0.294665	-3.39368	0.490662	0.804621	-1.24282	0.000354141	0.168426	-5.93733
cg07447902	CDC6	0.00655499	0.580542	0.935598	-1.06883	0.579581	0.935437	-1.06902	0.273921	1.14544	1.14544	0.685822	0.952653	-1.0497	0.952181	0.992873	-1.00718
cg19909658	CDC6	0.0212762	0.110058	1.95535	1.95535	0.00416545	4.38619	4.38619	0.184245	1.71991	1.71991	0.00566884	4.04426	4.04426	0.614566	1.21591	1.21591
cg25042948	CDC6	0.0456131	0.15821	1.92318	1.92318	0.00468804	5.41574	5.41574	0.0118996	4.03808	4.03808	0.492293	0.740869	-1.34977	0.827072	0.91038	-1.09844
cg05752207	CDC73	2.26E-06	0.000202568	0.543054	-1.84144	0.000571428	1.68635	1.68635	8.88E-05	1.98891	1.98891	0.000719698	0.60399	-1.65566	4.43E-07	0.246908	-4.05009
cg16682663	CDC73	0.00381039	0.52211	1.04389	1.04389	0.679804	1.02786	1.02786	0.691336	0.973926	-1.02677	0.928569	1.00595	1.00595	0.00317302	1.3058	1.3058
cg14790772	CDC73	0.0061931	0.689544	0.943247	-1.06017	0.311534	1.16456	1.16456	0.72422	1.0529	1.0529	0.884752	0.979117	-1.02133	0.561543	0.918134	-1.08917
cg12617598	CDC73	0.007013	0.627769	1.10988	1.10988	0.0474057	0.616352	-1.62245	0.0025347	0.408993	-2.44503	0.662544	0.910564	-1.09822	0.0180896	0.541969	-1.84513
cg02483627	CDC73	0.013853	0.194981	0.506949	-1.97258	0.00141171	0.101232	-9.87828	0.649777	0.797285	-1.25426	0.92849	1.04549	1.04549	0.0450444	0.319898	-3.12599
cg07594474	CDC7;CDC7;CDC7	0.00537997	0.960418	1.0095	1.0095	0.472862	1.14928	1.14928	0.08456	1.43845	1.43845	0.209924	0.777395	-1.28635	0.605322	1.10445	1.10445
cg06712627	CDC7;CDC7;CDC7	0.00962762	0.0786826	1.63447	1.63447	0.0495495	1.7572	1.7572	0.967475	1.01031	1.01031	0.000947525	0.289413	-3.45527	0.737041	1.08848	1.08848
cg07604512	CDC7;CDC7;CDC7	0.0110953	0.0261401	0.66346	-1.50725	0.00153037	0.492089	-2.03215	0.47851	0.894024	-1.11854	0.233362	0.823437	-1.21442	0.206425	0.812863	-1.23022
cg04603796	CDC7;CDC7;CDC7	0.0113854	0.0034597	2.82474	2.82474	0.829992	0.945302	-1.05786	0.387417	0.793137	-1.26082	0.0682831	1.70578	1.70578	0.942684	0.981366	-1.01899
cg13599025	CDC7;CDC7;CDC7	0.0133745	0.229096	1.46549	1.46549	0.0239184	0.442201	-2.26141	0.00913457	2.72581	2.72581	0.119033	0.599098	-1.66918	0.124348	0.604178	-1.65514
cg00668525	CDC7;CDC7;CDC7	0.0158194	0.0818659	0.278497	-3.5907	0.0786793	3.65204	3.65204	0.075287	3.72133	3.72133	0.00111893	0.0354647	-28.197	?	?	?
cg11831711	CDC7;CDC7;CDC7	0.0343611	0.147949	0.78378	-1.27587	0.855764	0.971845	-1.02897	0.474051	1.12107	1.12107	0.842433	0.969244	-1.03173	0.686181	1.06583	1.06583
cg03260624	CDC7;CDC7;CDC7	0.0416714	0.0318777	0.362555	-2.7582	0.0121383	0.283307	-3.52974	0.0167216	0.307783	-3.24904	0.0775421	0.453154	-2.20675	0.0332986	0.366553	-2.72812
cg23845507	CDC7;CDC7;CDC7;CDC7	0.000214404	0.847499	0.987143	-1.01302	0.0467985	0.85814	-1.16531	0.00593773	0.785187	-1.27358	0.000396927	0.684531	-1.46085	0.00067885	0.705331	-1.41777
cg18127191	CDC7;CDC7;CDC7;CDC7	0.0303614	0.0454705	0.693545	-1.44187	0.703609	0.940847	-1.06287	0.0058702	1.77744	1.77744	0.0286149	0.662372	-1.50972	0.214208	0.811717	-1.23196
cg13983893	CDC7;CDC7;CDC7;CDC7	0.049591	0.0778521	0.774159	-1.29172	0.492991	1.09522	1.09522	0.919602	1.01328	1.01328	0.00263558	0.580575	-1.72243	0.568879	0.927541	-1.07812
cg11080379	CDCA2	0.0316027	0.412846	1.18181	1.18181	0.0240769	0.584608	-1.71055	0.000856795	0.368203	-2.7159	0.518739	0.877636	-1.13942	0.86668	1.03409	1.03409
cg05005217	CDCA2	0.0483597	0.0556361	0.480228	-2.08234	0.0131494	0.35349	-2.82894	0.0210979	0.391381	-2.55505	0.359289	1.37546	1.37546	0.955474	0.981293	-1.01906
cg15942562	CDCA3	0.00479104	0.00702967	0.314283	-3.18185	0.164565	0.611076	-1.63646	0.00572265	0.300186	-3.33127	0.162477	0.609384	-1.641	0.00110068	0.202253	-4.9443
cg07446572	CDCA3	0.00571246	0.00309072	0.148896	-6.7161	0.0713593	0.387791	-2.57871	0.0230208	0.278367	-3.59238	0.0274203	0.293107	-3.41172	0.00213383	0.131378	-7.61164
cg25700897	CDCA3	0.0145575	0.00981757	0.179221	-5.57971	0.0239975	0.242178	-4.12919	0.0175825	0.218379	-4.57919	0.0648615	0.335558	-2.98011	0.000768705	0.0683763	-14.625
cg20916237	CDCA4;CDCA4	6.84E-05	0.516124	1.03865	1.03865	0.496863	1.04053	1.04053	0.0308829	1.15719	1.15719	0.0857251	1.1156	1.1156	0.310302	0.941322	-1.06234
cg10840007	CDCA4;CDCA4	0.0002188	0.192797	0.826077	-1.21054	0.0108264	1.55838	1.55838	0.519339	1.09478	1.09478	0.155503	0.810032	-1.23452	0.621849	1.07135	1.07135
cg00875191	CDCA4;CDCA4	0.0034258	0.611707	0.90103	-1.10984	0.0795283	0.672873	-1.48616	0.263264	0.788657	-1.26798	0.511387	1.14521	1.14521	0.734467	0.93304	-1.07177
cg16082606	CDCA4;CDCA4	0.0172418	0.570098	1.15212	1.15212	0.00147065	3.10383	3.10383	0.0461132	1.7574	1.7574	0.341142	1.27381	1.27381	0.622301	0.884706	-1.13032
cg19994779	CDCA4;CDCA4	0.0257512	0.0293428	0.488923	-2.04531	0.846378	1.05556	1.05556	0.0201522	0.457798	-2.18437	0.0782705	0.579633	-1.72523	0.0283309	0.485943	-2.05785
cg09955152	CDCA5	0.00227649	0.471301	0.696547	-1.43565	0.117671	2.31299	2.31299	0.00162286	0.107629	-9.29113	0.847589	0.909414	-1.09961	0.00404362	0.148793	-6.72076
cg23355015	CDCA5	0.00930598	0.180784	0.769804	-1.29903	0.0770671	1.43609	1.43609	0.0129822	1.764	1.764	0.451867	1.15155	1.15155	0.210237	0.784209	-1.27517
cg20252016	CDCA5;ZFPL1;CDCA5	0.000197279	0.000509397	0.587094	-1.7033	0.0804505	1.2095	1.2095	0.488151	1.07153	1.07153	0.0190932	0.757095	-1.32084	0.0396845	0.791895	-1.26279
cg17636471	CDCA5;ZFPL1;CDCA5	0.0162545	0.292855	0.848221	-1.17894	0.0309742	0.682441	-1.46533	0.587466	0.920691	-1.08614	0.329527	0.859162	-1.16392	0.00174466	0.510047	-1.96061
cg04175895	CDCA5;ZFPL1;ZFPL1	0.00397641	0.71492	0.893652	-1.119	0.418341	1.2885	1.2885	0.337976	1.35359	1.35359	6.24E-05	0.104222	-9.59493	0.149433	0.622649	-1.60604
cg17368815	CDCA5;ZFPL1;ZFPL1	0.00895022	0.548769	0.961034	-1.04055	0.796721	1.01705	1.01705	0.0725535	1.14025	1.14025	0.566976	1.03864	1.03864	0.216762	1.08887	1.08887
cg05506986	CDCA7;CDCA7	0.000234493	0.000746777	0.657026	-1.52201	0.374922	0.92797	-1.07762	0.0416442	0.824656	-1.21263	0.309907	1.09008	1.09008	0.152883	0.881911	-1.1339
cg13854747	CDCA7;CDCA7	0.000396578	0.00843548	0.539516	-1.85351	0.454466	0.869558	-1.15001	3.10E-05	0.22503	-4.44385	0.216648	0.787816	-1.26933	7.27E-05	0.265948	-3.76013
cg21622202	CDCA7;CDCA7	0.00206055	0.068689	0.510898	-1.95734	0.0029697	0.260855	-3.83354	0.0159362	0.378025	-2.64533	0.0673812	0.508886	-1.96508	0.000812242	0.189306	-5.28246
cg14906304	CDCA7;CDCA7	0.0088439	0.466623	1.19215	1.19215	0.11839	0.668829	-1.49515	0.000136189	0.208828	-4.78862	0.629937	1.12208	1.12208	0.172577	0.708632	-1.41117
cg17336638	CDCA7;CDCA7	0.00991203	0.138354	0.615357	-1.62507	0.222002	0.676645	-1.47788	0.00028309	0.164431	-6.08156	0.136456	0.613694	-1.62948	0.00308917	0.291625	-3.42907
cg22766120	CDCA7;CDCA7	0.0112622	0.0648036	1.63569	1.63569	0.955939	0.986976	-1.0132	0.000817227	0.302097	-3.31019	0.212944	1.36509	1.36509	0.0384915	0.566176	-1.76624
cg24776469	CDCA7;CDCA7	0.0229056	0.62444	1.11271	1.11271	0.0473355	0.611944	-1.63414	0.138829	1.41178	1.41178	0.0468268	0.611056	-1.63651	0.0232502	0.555948	-1.79873
cg05756320	CDCA7;CDCA7	0.031976	0.0530455	0.560815	-1.78312	0.529541	0.84572	-1.18243	0.00176921	0.309913	-3.22671	0.815012	0.940202	-1.0636	0.00450787	0.369369	-2.70732
cg24937696	CDCA7;CDCA7	0.0489833	0.44453	1.1124	1.1124	0.115319	1.2636	1.2636	0.783193	0.963008	-1.03841	0.618608	1.07099	1.07099	0.875821	1.0216	1.0216
cg11033271	CDCA7L;CDCA7L;CDCA7L	0.000488463	0.0758406	0.590875	-1.6924	8.96E-06	0.0771259	-12.9658	0.235087	1.3929	1.3929	0.968023	0.989382	-1.01073	0.0209919	0.477387	-2.09474
cg22107210	CDCA7L;CDCA7L;CDCA7L	0.0121059	0.204207	0.554695	-1.80279	0.755896	0.871831	-1.14701	0.900173	1.05675	1.05675	0.635409	0.810524	-1.23377	0.000794456	0.107648	-9.28953
cg11112419	CDCA7L;CDCA7L;CDCA7L	0.0124738	0.000781049	0.300698	-3.32559	0.451067	0.833936	-1.19913	0.0425972	1.73691	1.73691	0.213445	0.733568	-1.3632	0.0489163	0.587548	-1.70199
cg15052277	CDCA7L;CDCA7L;CDCA7L	0.0145246	0.491164	0.943744	-1.05961	0.050604	1.20255	1.20255	0.0133224	0.775777	-1.28903	0.764468	1.02519	1.02519	0.00100004	0.667257	-1.49867
cg17829673	CDCA7L;CDCA7L;CDCA7L	0.0149237	0.703229	1.02951	1.02951	0.742806	0.975288	-1.02534	0.327564	0.926075	-1.07983	0.0813021	0.863427	-1.15818	0.360565	0.931064	-1.07404
cg12655269	CDCA7L;CDCA7L;CDCA7L	0.0151475	0.100545	1.37037	1.37037	0.905388	1.02104	1.02104	0.119663	0.74398	-1.34412	0.0514897	0.678223	-1.47444	0.00252041	0.479675	-2.08475
cg27032004	CDCA7L;DNAH11;CDCA7L;CDCA7L	0.043368	0.0053108	0.630151	-1.58692	0.235239	0.855229	-1.16928	0.109611	1.24517	1.24517	0.0501962	0.755284	-1.32401	0.175487	0.834349	-1.19854
cg16341373	CDCA8	0.00189541	0.00116651	0.543468	-1.84003	0.0198578	1.43288	1.43288	0.225151	1.17699	1.17699	0.000444084	0.492053	-2.0323	0.505094	1.09036	1.09036
cg21010197	CDCA8	0.0350714	0.0521642	0.753203	-1.32766	0.709253	0.953076	-1.04923	0.282948	1.15391	1.15391	0.893303	0.982928	-1.01737	0.00220733	0.57665	-1.73416
cg03714163	CDCA8;C1orf109	0.0104983	0.00373008	0.670524	-1.49137	0.725155	0.96462	-1.03668	0.0900038	0.826389	-1.21008	0.972556	1.00352	1.00352	0.771037	0.970661	-1.03023
cg22449745	CDCA8;C1orf109	0.0216514	0.0287712	0.304861	-3.28019	0.00806976	0.209522	-4.77277	0.180008	0.518994	-1.92681	0.404206	0.674928	-1.48164	0.0136688	0.245418	-4.07468
cg14374347	CDCA8;CDCA8	0.00871936	0.00069409	0.358462	-2.7897	0.437142	0.854603	-1.17013	0.287987	0.803591	-1.24441	0.136636	1.37417	1.37417	0.987839	1.00303	1.00303
cg02037573	CDCP1	2.55E-05	0.00209434	0.669678	-1.49325	0.00553446	0.71342	-1.4017	2.46E-05	0.459679	-2.17543	0.0912227	0.841718	-1.18805	0.000148287	0.546572	-1.82958
cg12321355	CDCP1	0.00195865	0.0942268	0.703356	-1.42176	0.825908	0.958742	-1.04303	0.0155714	0.567024	-1.76359	0.295996	0.812805	-1.23031	0.00024544	0.313857	-3.18616
cg02500509	CDCP1;CDCP1	7.91E-05	0.588761	1.09263	1.09263	6.21E-05	0.301754	-3.31396	0.00228584	0.500472	-1.99812	0.0146416	0.613959	-1.62877	0.00027434	0.38012	-2.63075
cg09000199	CDCP1;CDCP1	0.000205624	0.73232	1.07243	1.07243	0.0118126	1.89712	1.89712	0.17267	1.34393	1.34393	0.0677538	0.659178	-1.51704	6.10E-06	0.127031	-7.87209
cg02938303	CDCP1;CDCP1	0.000211963	0.766204	1.05855	1.05855	0.000189027	3.3247	3.3247	0.545912	1.1237	1.1237	0.208276	1.28809	1.28809	0.201516	0.773067	-1.29355
cg13722619	CDCP1;CDCP1	0.000526245	0.00160292	6.00324	6.00324	0.062651	2.29232	2.29232	0.0395694	2.56664	2.56664	0.0746116	2.19561	2.19561	0.220955	0.600781	-1.6645
cg15779716	CDCP1;CDCP1	0.00200338	0.0337959	2.03973	2.03973	0.0148862	2.36645	2.36645	0.0945894	1.69628	1.69628	0.367218	1.30526	1.30526	0.237834	1.42707	1.42707
cg09220326	CDCP1;CDCP1	0.00538502	0.0107869	0.12392	-8.06973	0.0144839	0.140278	-7.12872	0.00759915	0.106657	-9.37587	0.0186742	0.155891	-6.41474	0.00375469	0.0780335	-12.815
cg13344886	CDCP1;CDCP1	0.00776456	0.03752	0.33482	-2.98668	0.0149276	0.254049	-3.93625	0.00360586	0.159833	-6.25655	0.98815	1.0066	1.0066	0.00470263	0.175083	-5.71157
cg19455306	CDCP1;CDCP1	0.0105917	0.892853	0.964708	-1.03658	0.793097	0.932316	-1.0726	0.00389274	0.354752	-2.81887	0.984491	1.0052	1.0052	0.00063292	0.246632	-4.05462
cg15107641	CDCP1;CDCP1	0.0135125	0.00644343	3.00171	3.00171	0.189069	1.53979	1.53979	0.0867479	1.79842	1.79842	0.0406459	2.08197	2.08197	0.193696	0.652689	-1.53212
cg24840062	CDCP1;CDCP1	0.0144364	0.0126922	0.107852	-9.272	0.0848212	0.254042	-3.93635	0.0154726	0.118171	-8.46228	0.0234088	0.142688	-7.00829	0.0144697	0.114585	-8.72716
cg01060188	CDCP2	2.33E-06	0.000633015	0.835893	-1.19633	0.216294	1.04542	1.04542	1.19E-05	1.37197	1.37197	0.564732	1.02007	1.02007	4.29E-05	1.30392	1.30392
cg26185508	CDCP2	0.0420833	0.0436286	0.214882	-4.65372	0.0377855	0.202525	-4.93767	0.053432	0.233579	-4.28121	0.249718	0.4505	-2.21975	0.0185475	0.150687	-6.63625
cg25664938	CDGAP	2.24E-05	0.00381796	0.661643	-1.51139	0.0162895	1.36487	1.36487	0.579696	0.942483	-1.06103	0.0571511	0.79622	-1.25593	8.39E-07	0.248598	-4.02256
cg08135852	CDGAP	5.71E-05	4.52E-05	0.132538	-7.54501	0.00777099	0.408537	-2.44776	0.682396	0.897851	-1.11377	0.616998	0.876297	-1.14117	1.32E-06	0.0389313	-25.6863
cg05960932	CDGAP	0.000392108	9.39E-05	0.147965	-6.75838	0.000174917	0.174267	-5.73831	0.00377381	0.342136	-2.92281	0.87124	0.956465	-1.04552	0.00318545	0.331156	-3.01973
cg25640619	CDGAP	0.0035193	?	?	?	0.00668461	4.06016	4.06016	0.324863	0.709318	-1.4098	?	?	?	0.00236421	0.167635	-5.96534
cg21869219	CDGAP	0.00901439	0.124361	1.51439	1.51439	0.000799673	3.53471	3.53471	0.0190009	2.03052	2.03052	0.196507	1.40581	1.40581	0.0514817	1.73836	1.73836
cg21079805	CDGAP	0.00983564	0.00983561	0.281912	-3.54721	0.0305786	0.373085	-2.68036	0.288774	0.65226	-1.53313	0.680582	0.851611	-1.17424	0.00279998	0.202232	-4.94482
cg07074543	CDGAP	0.0115476	0.613312	1.08521	1.08521	0.264309	0.829685	-1.20528	0.0473465	1.43922	1.43922	0.914582	1.01737	1.01737	0.180007	0.795732	-1.2567
cg07794554	CDGAP	0.0353438	0.579067	0.928466	-1.07705	0.178096	0.827349	-1.20868	0.679748	1.05652	1.05652	0.183305	0.82944	-1.20563	0.244951	1.1748	1.1748
cg12580583	CDGAP	0.0359281	0.265515	0.881298	-1.13469	0.175301	0.854735	-1.16995	0.601077	0.944169	-1.05913	0.0862409	0.813496	-1.22926	0.00214016	0.625212	-1.59946
cg12764921	CDGAP;CDGAP	0.0384561	0.189434	0.900748	-1.11019	0.0647408	1.16883	1.16883	0.436333	1.06154	1.06154	0.288117	0.920414	-1.08647	0.117136	1.13655	1.13655
cg09220040	CDH1	2.84E-08	0.010204	0.781159	-1.28015	7.71E-10	0.0871117	-11.4795	0.0245408	1.22659	1.22659	0.00887503	0.775735	-1.2891	0.000179903	0.61661	-1.62177

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27585287	0.201989	1.83088	1.83088	0.17389	1.91448	1.91448	0.00265768	6.46148	6.46148	0.0356157	2.99813	2.99813	5.67249	18.1053	2.83714	1
cg01710158	0.0152496	2.06719	2.06719	0.496221	0.845032	-1.18339	0.308947	1.29257	1.29257	0.532974	0.857356	-1.16638	5.68352	5.34662	0.836198	1
cg11770667	0.710799	0.939758	-1.0641	0.0723679	1.39725	1.39725	0.0719584	1.39808	1.39808	0.313565	0.840395	-1.18992	5.58327	2.46103	0.391811	1
cg09354949	0.866574	0.9637	-1.03767	0.386303	1.21565	1.21565	0.353742	1.23343	1.23343	0.291602	1.27204	1.27204	5.29464	4.05436	0.680664	1
cg23175918	0.00634267	1.56702	1.56702	0.989374	1.00168	1.00168	0.176696	0.833995	-1.19905	0.582275	0.932188	-1.07275	5.07426	1.28401	0.224927	1
cg09258981	0.898323	1.02475	1.02475	0.00579569	0.501023	-1.99592	0.407591	1.17583	1.17583	0.382225	0.842524	-1.18691	4.15145	2.40395	0.514723	1
cg09344943	4.34E-06	0.263973	-3.78826	0.15115	0.824225	-1.21326	0.0446917	0.748539	-1.33594	0.387135	1.11784	1.11784	17.9695	4.49443	0.222324	1
cg23094057	0.000451487	0.568621	-1.75864	1.07E-06	0.272453	-3.67036	0.180333	1.15631	1.15631	0.250853	1.1303	1.1303	30.89	5.09857	0.146716	1
cg08080195	0.022355	2.06209	2.06209	0.00341454	2.86331	2.86331	0.011758	2.29804	2.29804	0.0188807	0.471461	-2.12107	14.3925	15.936	0.984213	1
cg09973148	0.105677	1.62905	1.62905	0.0305044	2.0177	2.0177	0.747656	0.914729	-1.09322	0.84042	0.945856	-1.05724	6.13278	7.40443	1.0732	1
cg19275008	0.530894	1.22456	1.22456	0.0691521	0.522596	-1.91352	0.726803	0.894098	-1.11845	0.377807	0.749169	-1.33481	4.65039	7.50118	1.4338	1
cg05655116	0.00120903	0.641146	-1.55971	0.0460971	0.807067	-1.23905	0.18622	1.14046	1.14046	0.737586	0.968955	-1.03204	4.64701	0.647348	0.123826	1
cg04123995	0.139005	1.25373	1.25373	1.05E-06	0.163313	-6.12322	0.902989	1.01747	1.01747	0.262233	0.847053	-1.18056	23.4996	7.50412	0.283848	1
cg11966886	0.0190449	1.61054	1.61054	0.00231055	2.04378	2.04378	0.0425884	1.47995	1.47995	0.885497	1.02449	1.02449	7.72949	3.45125	0.396893	1
cg17379666	0.0786564	0.646397	-1.54704	0.00210409	0.380489	-2.6282	0.16	0.715056	-1.39849	0.0883325	0.656978	-1.52212	7.15605	5.65686	0.702666	1
cg20113012	0.6077	0.850027	-1.17643	0.0828932	0.547397	-1.82683	0.00547418	0.317809	-3.14655	0.0365768	0.466587	-2.14322	6.19032	9.65423	1.38628	1
cg19496059	0.551104	1.15001	1.15001	0.113159	1.49117	1.49117	0.0379252	1.74679	1.74679	0.0186914	1.93585	1.93585	4.6701	3.97268	0.756144	1
cg24543937	0.0692624	0.682671	-1.46483	0.0325784	0.625122	-1.59969	0.0184191	1.71099	1.71099	0.0985323	1.40533	1.40533	4.59754	2.56869	0.49663	1
cg15703377	0.0619072	1.87644	1.87644	0.00886417	2.71081	2.71081	0.0280788	2.17408	2.17408	0.833827	0.939044	-1.06491	4.38487	6.22389	1.26169	1
cg02123767	0.285587	0.718931	-1.39095	0.0163233	0.417432	-2.3956	0.724498	0.900064	-1.11103	0.933703	0.975549	-1.02506	3.90682	5.47762	1.24628	1
cg23890832	0.206626	0.840845	-1.18928	0.0101538	0.655768	-1.52493	0.0506969	1.3361	1.3361	0.525911	1.08724	1.08724	3.50708	0.940757	0.23844	1
cg26221796	0.0103985	0.457146	-2.18748	0.000603411	0.277159	-3.60804	0.000163866	0.21028	-4.75555	0.0342955	0.549341	-1.82036	13.3688	12.4602	0.828475	1
cg27583922	0.0330795	0.514018	-1.94546	0.00181804	0.306113	-3.26677	0.000478291	0.231313	-4.32314	0.0266454	0.495804	-2.01693	9.43211	10.655	1.00413	1
cg27318157	0.107345	1.49714	1.49714	0.820854	0.949253	-1.05346	0.113708	0.673568	-1.48463	0.621808	0.892106	-1.12094	8.5752	7.16042	0.742235	1
cg21931078	0.0410736	0.394783	-2.53304	0.0102007	0.278821	-3.58653	0.00330313	0.206401	-4.84494	0.0484457	0.411068	-2.43269	6.61465	16.2868	2.18865	1
cg13331542	0.735596	1.10684	1.10684	0.0482227	1.9662	1.9662	0.0389767	0.488848	-2.04562	0.401018	0.773029	-1.29361	5.1413	7.30341	1.2627	1
cg11456145	0.748425	1.18573	1.18573	0.00626975	6.58947	6.58947	0.119743	2.44419	2.44419	0.204776	2.03072	2.03072	4.88609	21.6904	3.94597	1
cg24468070	0.880345	0.914267	-1.09377	0.408431	0.604641	-1.65387	0.563026	0.706142	-1.41614	0.00751316	7.74632	7.74632	4.54476	25.4859	4.98467	1
cg25268754	0.0872531	1.41804	1.41804	0.725815	1.0673	1.0673	0.167712	1.3126	1.3126	0.0413292	1.54548	1.54548	4.23498	2.29521	0.481746	1
cg00041641	0.845704	1.02458	1.02458	0.182694	1.19276	1.19276	0.0904255	1.26183	1.26183	0.564786	0.930017	-1.07525	6.50996	1.60204	0.218748	1
cg00653615	0.158869	0.544005	-1.83822	0.0129949	0.287619	-3.47682	0.694916	1.17275	1.17275	0.0826129	0.459698	-2.17534	4.03339	10.4408	2.30096	1
cg08265551	0.59269	1.05496	1.05496	0.260837	1.12321	1.12321	0.000602244	1.68918	1.68918	0.101011	1.19476	1.19476	3.71203	0.577141	0.138203	1
cg18660898	0.603776	1.19141	1.19141	0.00205828	0.234056	-4.27249	0.0879478	0.532629	-1.87748	0.304657	0.70076	-1.42702	4.57164	8.10173	1.57526	1
cg24600498	0.717498	0.906904	-1.10265	0.0693675	0.579049	-1.72697	0.000994524	0.2684	-3.72578	0.515991	1.19378	1.19378	3.73134	4.27451	1.01828	1
cg10401367	0.0852682	1.5073	1.5073	0.00309035	0.417601	-2.39463	0.259898	0.776111	-1.28848	0.790069	1.05923	1.05923	3.53958	2.60746	0.654806	1
cg02308795	2.05E-05	0.0520497	-19.2124	0.998206	0.999422	-1.00058	0.660848	1.12051	1.12051	0.184874	0.691138	-1.44689	19.3678	19.315	0.664849	1
cg11290181	0.0440569	0.781778	-1.27914	0.0112091	0.713092	-1.40234	0.108979	0.830279	-1.20441	0.498078	1.07593	1.07593	4.70997	0.84459	0.159395	1
cg21153026	0.962717	1.00656	1.00656	0.182502	1.21882	1.21882	0.0023993	1.80691	1.80691	0.212699	1.2015	1.2015	4.19352	1.29928	0.275405	1
cg23872935	0.975981	0.99769	-1.00231	0.768381	1.02294	1.02294	0.0486416	0.841165	-1.18883	0.412358	1.06649	1.06649	4.0467	0.378026	0.0830362	1
cg02154268	0.0771863	0.811717	-1.23196	0.649135	0.952535	-1.04983	0.413629	0.915093	-1.09279	0.0302924	0.763092	-1.31046	3.82925	0.683565	0.158677	1
cg24527183	0.0227931	0.560962	-1.78265	0.196981	1.3356	1.3356	0.185132	1.34735	1.34735	0.379236	1.21092	1.21092	3.61513	2.577	0.633633	1
cg02523014	0.30466	1.35076	1.35076	0.42507	1.2591	1.2591	0.856232	1.05263	1.05263	0.265976	0.720476	-1.38797	3.44365	4.36308	1.12622	1
cg06534586	0.592819	1.27858	1.27858	0.667458	1.21748	1.21748	0.383915	1.50152	1.50152	0.203501	0.54276	-1.84243	3.41531	11.212	2.91811	1
cg17533455	0.25215	0.886181	-1.12844	0.417156	0.919654	-1.08737	0.0353432	1.28087	1.28087	0.00742195	1.41672	1.41672	7.0643	1.14158	0.143643	1
cg02333649	0.658601	0.944811	-1.05841	0.853604	0.976693	-1.02386	0.282546	0.867132	-1.15323	0.0386915	0.736618	-1.35756	18.5846	4.79769	0.22947	1
cg15188688	0.446423	0.753155	-1.32775	0.000222455	0.105885	-9.4442	0.00765547	0.285884	-3.49793	0.143724	0.56337	-1.77503	6.71251	14.1848	1.87839	1
cg18138826	0.0245153	0.6874	-1.45476	0.00109713	0.509891	-1.9612	8.41E-05	0.371725	-2.69016	0.0189823	0.672068	-1.48795	25.5452	7.91942	0.27557	1
cg20172957	0.498852	0.767145	-1.30354	0.12825	0.5222	-1.91497	4.17E-05	0.0202039	-49.4954	0.297082	1.52287	1.52287	26.9099	46.557	1.48295	1
cg03845383	0.0179198	1.59374	1.59374	0.212051	1.23734	1.23734	0.50283	0.895684	-1.11647	0.0282902	1.52122	1.52122	8.08025	3.35891	0.369506	1
cg05585911	0.00787021	0.470698	-2.12451	0.0669927	0.635232	-1.57423	0.00312105	2.44312	2.44312	0.285457	0.782564	-1.27785	6.81202	5.26936	0.687591	1
cg01411222	0.122795	1.61751	1.61751	0.277618	1.38366	1.38366	0.326171	1.33852	1.33852	0.145054	0.637565	-1.56847	5.95027	7.79546	1.16453	1
cg05318503	0.208698	1.3669	1.3669	0.0032372	2.57836	2.57836	0.0448458	1.72123	1.72123	0.417851	0.822631	-1.21561	4.72029	4.15797	0.782998	1
cg12942320	0.734788	0.899007	-1.11234	0.0511332	0.498843	-2.00464	0.0250643	0.434082	-2.30371	0.55163	1.20753	1.20753	4.63451	7.19601	1.38018	1
cg13184442	0.825488	0.971468	-1.02937	0.00156863	0.551328	-1.8138	0.904838	0.984445	-1.0158	0.733526	1.04581	1.04581	4.57127	1.24403	0.241903	1
cg15295775	0.10619	0.569757	-1.75513	0.883559	0.954349	-1.04783	0.848225	1.06299	1.06299	0.0367272	0.461294	-2.16782	4.24628	6.83646	1.4311	1
cg22877480	0.141283	0.711197	-1.40608	0.783212	1.06122	1.06122	0.15925	0.723198	-1.38275	0.139281	0.709788	-1.40887	3.62512	2.66456	0.653357	1
cg19291926	0.448534	0.878954	-1.13772	0.0974428	0.737997	-1.35502	0.00732856	1.78158	1.78158	0.6366	1.08275	1.08275	46.0133	20.3369	0.39287	1
cg23188547	0.407193	0.884968	-1.12998	0.176821	0.813081	-1.22989	0.0770505	1.32758	1.32758	0.0318931	1.43682	1.43682	25.2929	8.32165	0.292454	1
cg17231373	0.00138534	0.237065	-4.21826	0.00138813	0.237177	-4.21627	0.693972	1.13064	1.13064	0.0342415	0.464388	-2.15337	10.2285	15.6178	1.35724	1
cg07447902	0.252747	0.867207	-1.15313	0.00191764	0.592166	-1.68872	0.0611929	1.28609	1.28609	0.000963122	1.79727	1.79727	6.7517	1.52108	0.200256	1
cg19909658	0.871976	0.939797	-1.06406	0.893471	0.949724	-1.05294	0.00523165	4.12996	4.12996	0.121948	1.90682	1.90682	4.60642	10.8142	2.08678	1
cg25042948	0.149374	1.95521	1.95521	0.917456	0.956494	-1.04549	0.706197	0.84993	-1.17657	0.416634	0.699514	-1.42956	3.81643	10.8927	2.2199	1
cg05752207	3.22E-05	0.452737	-2.20879	0.00414297	0.686211	-1.45728	0.00155607	1.56141	1.56141	0.000103697	0.510392	-1.95928	59.4982	9.04394	0.135114	1
cg16682663	0.0805574	1.13691	1.13691	0.000445101	0.692879	-1.44325	0.33051	1.06873	1.06873	0.0123288	1.22913	1.22913	7.96812	0.553109	0.0617024	1
cg14790772	0.899446	0.981774	-1.01856	0.000105217	0.369033	-2.70978	0.803822	1.03688	1.03688	0.058632	1.36454	1.36454	6.87157	2.30413	0.298056	1
cg12617598	0.399599	0.831948	-1.202	0.00269039	2.42283	2.42283	0.973734	1.00705	1.00705	0.0568966	0.631437	-1.58369	6.61129	4.76668	0.640881	1
cg02483627	0.043509	0.316502	-3.15954	0.00674016	0.175369	-5.70227	0.898791	1.06509	1.06509	0.00809962	0.186316	-5.36724	5.3183	20.6862	3.45745	1
cg07594474	0.00600158	0.504446	-1.98237	0.000463925	0.35011	-2.85625	0.0321182	1.61345	1.61345	0.866457	1.03259	1.03259	7.17597	4.12749	0.511273	1
cg06712627	0.0218336	1.99844	1.99844	0.100297	0.635735	-1.57298	0.773972	0.930119	-1.07513	0.239185	1.36358	1.36358	5.98269	5.9974	0.891074	1
cg07604512	0.125347	1.29423	1.29423	0.00934936	1.66942	1.66942	0.929173	1.01392	1.01392	0.689875	0.939545	-1.06435	5.71661	2.18854	0.340301	1
cg04603796	0.0102416	2.33195	2.33195	0.311175	1.31536	1.31536	0.00144425	3.3352	3.3352	0.124845	1.54441	1.54441	5.66918	6.14477	0.963458	1
cg13599025	0.00437516	0.315819	-3.16637	0.495156	1.23337	1.23337	0.987729	0.995354	-1.00467	0.290438	1.39408	1.39408	5.37994	7.81339	1.29095	1
cg00668525	0.779207	1.20136	1.20136	0.52595	0.65695	-1.52219	0.301424	0.495402	-2.01856	0.508957	0.645252	-1.54978	5.80665	34.0684	5.13375	1
cg11831711	0.111484	0.761782	-1.31271	0.152293	0.786094	-1.27211	0.00274184	1.91338	1.91338	0.0660711	1.38213	1.38213	3.89297	1.51896	0.346827	1
cg03260624	0.113301	0.498968	-2.00413	0.0168567	0.308419	-3.24234	0.715651	0.862784	-1.15904	0.111827	0.497297	-2.01087	3.62787	9.35129	2.29122	1
cg23845507	1.97E-05	0.559173	-1.78836	0.147776	0.900885	-1.11002	0.00870866	1.25193	1.25193	0.371559	1.06361	1.06361	18.0277	1.28988	0.0635998	1
cg18127191	0.0539323	0.705369	-1.4177	0.888624	1.0226	1.0226	0.256811	0.827955	-1.20779	0.901379	1.01997	1.01997	4.06948	1.64004	0.358231	1
cg13983893	0.428325	0.899755	-1.11141	0.806242	0.968407	-1.03262	0.539454	1.08454	1.08454	0.0780257	1.29149	1.29149	3.39872	0.91858	0.240242	1
cg11080379	0.801546	0.950992	-1.05153	0.216804	0.771597	-1.29601	0.943363	0.985924	-1.01428	0.728119	0.932738	-1.07211	4.01176	2.52937	0.560434	1
cg05005217	0.413435	0.753679	-1.32682	0.0390446	0.445802	-2.24315	0.0331714	0.430766	-2.32144	0.958944	0.98274	-1.01756	3.43127	6.21626	1.61036	1
cg15942562	0.119128	0.570189	-1.75381	0.000450699	0.159248	-6.27953	0.0793206	0.523627	-1.90976	0.0553519	0.486069	-2.05732	7.43474	12.9907	1.55315	1
cg07446572	0.0170056	0.254389	-3.93099	0.00131417	0.110865	-9.01997	0.00959529	0.213854	-4.67608	0.0340096	0.312238	-3.20269	7.045	24.6873	3.11487	1
cg25700897	0.0471413	0.302286	-3.30813	0.143234	0.4367	-2.2899	0.245733	0.52761	-1.89534	0.0961232	0.38199	-2.61787	5.23218	22.9851	3.90491	1
cg20916237	0.01032	1.20459	1.20459	1.34E-06	0.490513	-2.03868	0.00411442	0.801173	-1.24817	0.36971	0.948322	-1.05449	24.4968	1.28718	0.0467064	1
cg10840007	0.193341	1.21023	1.21023	3.34E-06	0.218454	-4.57762	0.416393	0.891241	-1.12203	0.228499	1.19149	1.19149	17.9286	5.45638	0.270523	1
cg00875191	0.452936	0.855857	-1.16842	0.000586022	2.94965	2.94965	0.000456257	3.07708	3.07708	0.581035	1.12016	1.12016	8.22636	5.39952	0.583438	1
cg16082606	0.0557975	1.70682	1.70682	0.241244	0.738848	-1.35346	0.00649501	2.39364	2.39364	0.279143	1.31997	1.31997	4.94605	4.76833	0.85695	1
cg19994779	0.629457	0.873244	-1.14516	0.0278777	0.484579	-2.06365	0.0530435	1.84575	1.84575	0.0461868	0.528958	-1.89051	4.31252	5.30861	1.0942	1
cg09955152	0.0315588	0.288177	-3.47009	0.000257751	0.0513869	-19.4602	0.994807	0.996794	-1.00322	0.0112689	0.208765	-4.79007	9.28391	35.8084	3.42848	1
cg23355015	0.00128592	0.421515	-2.3724	0.109736	1.37851	1.37851	0.261318	0.806003	-1.24069	0.195412	1.28673	1.28673	6.04779	3.24657	0.477173	1
cg20252016	0.00104885	0.621465	-1.6091	1.09E-05	0.398657	-2.50842	0.0557324	1.23694	1.23694	0.619666	0.952105	-1.0503	18.4395	2.81021	0.135468	1
cg17636471	0.00161237	0.505551	-1.97804	0.731052	1.05343	1.05343	0.0928277	0.756573	-1.32175	0.356894	0.866808	-1.15366	5.04442	1.81801	0.320356	1
cg04175895	0.641844	0.866256	-1.15439	0.169584	0.638602	-1.56592	0.63183	0.862457	-1.15948	0.022164	0.431443	-2.3178	7.8665	11.7049	1.32261	1
cg17368815	0.529766	0.959157	-1.04258	0.00206339	0.752562	-1.32879	0.0501113	1.15757	1.15757	0.00266777	1.31271	1.31271	6.12314	0.416159	0.0604132	1
cg05506986	0.173045	0.887794	-1.12639	2.96E-06	0.400468	-2.49708	0.331032	0.920969	-1.08581	0.386606	0.929738	-1.07557	17.5941	1.8776	0.09486	1
cg13854747	0.210976	0.785231	-1.27351	0.00347312	0.483029	-2.07027	0.347048	0.837255	-1.19438	0.0014099	0.428272	-2.33496	15.2363	8.12072	0.473766	1
cg21622202	0.0444087	0.467236	-2.14024	9.95E-05	0.102683	-9.73875	0.4938	0.795304	-1.25738	0.11301	0.566369	-1.76563	9.55842	16.4446	1.52928	1
cg14906304	0.544528	0.864576	-1.15664	0.548301	0.865783	-1.15502	0.301543	0.775725	-1.28912	0.050078	0.588572	-1.69903	6.14638	5.47965	0.792466	1
cg17336638	0.0959547	0.573255	-1.74443	0.785818	0.920448	-1.08643	0.634406	0.864339	-1.15695	0.171585	0.642149	-1.55727	5.92734	8.69433	1.30384	1
cg22766120	0.127285	1.47884	1.47884	0.0994455	1.5349	1.5349	0.804578	1.06058	1.06058	0.833391	0.95125	-1.05125	5.68913	5.07228	0.79251	1
cg24776469	0.586903	0.888039	-1.12608	0.0142586	0.519845	-1.92365	0.00565218	0.455686	-2.1945	0.676471	0.913174	-1.09508	4.49122	3.33219	0.659498	1
cg05756320	0.383028	0.790296	-1.26535	0.557661	0.855556	-1.16883	0.447458	0.815709	-1.22593	0.345547	0.774464	-1.29122	3.99495	4.37941	0.974432	1
cg24937696	0.499477	1.09821	1.09821	0.00152085	0.535848	-1.8662	0.657825	0.940903	-1.06281	0.356431	0.878429	-1.1384	3.41466	1.00995	0.262905	1
cg11033271	0.0647997	1.73719	1.73719	0.00671054	0.392111	-2.5503	0.303916	0.753116	-1.32782	0.151968	0.664518	-1.50485	14.3833	16.1532	0.998264	1
cg22107210	0.0663543	0.404256	-2.47368	0.00163524	0.137488	-7.27334	0.611024	0.798032	-1.25308	0.700244	1.18548	1.18548	5.55763	17.0282	2.7235	1
cg11112419	0.17693	0.712176	-1.40415	0.0192705	0.511975	-1.95322	0.993906	0.998196	-1.00181	0.823362	1.0543	1.0543	5.5038	4.87526	0.787377	1
cg15052277	0.55203	1.05108	1.05108	0.354263	0.924121	-1.08211	0.643577	1.03933	1.03933	0.121322	0.870157	-1.14922	5.23609	0.568548	0.0965179	1
cg17829673	0.0474137	0.841683	-1.1881	0.000227473	0.627759	-1.59297	0.6794	0.968913	-1.03208	0.280167	0.918228	-1.08905	5.18944	0.474619	0.0812965	1
cg12655269	0.0602805	0.689956	-1.44937	0.02789	1.57634	1.57634	0.409869	0.86276	-1.15907	0.151379	0.763946	-1.30899	5.16395	2.50898	0.431879	1
cg27032004	0.331809	0.881734	-1.13413	0.112348	1.24272	1.24272	0.819608	1.02913	1.02913	0.91205	0.986206	-1.01399	3.5745	0.894622	0.22247	1
cg16341373	0.518166	1.08741	1.08741	0.0357419	0.731553	-1.36695	0.771202	0.963387	-1.038	0.0345637	1.37061	1.37061	9.7938	2.5381	0.230358	1
cg21010197	0.182331	0.833919	-1.19916	0.637601	0.940933	-1.06278	0.0151125	0.681757	-1.4668	0.989509	1.00169	1.00169	3.86428	1.0077	0.231799	1
cg03714163	0.00123886	0.617701	-1.61891	0.0168158	0.742521	-1.34676	0.00659989	0.697738	-1.4332	0.522828	0.936049	-1.06832	5.81923	0.959756	0.146603	1
cg22449745	0.0896523	0.422372	-2.36758	0.00609566	0.192213	-5.20257	0.00679273	0.198754	-5.03135	0.142618	0.483891	-2.06658	4.57894	15.3867	2.98695	1
cg14374347	0.0172565	0.562702	-1.77714	0.101308	0.700731	-1.42708	0.12334	0.718304	-1.39217	0.0332883	1.63747	1.63747	6.17406	3.84196	0.553133	1
cg02037573	0.855374	0.983242	-1.01704	0.00047058	1.66367	1.66367	0.700147	0.964789	-1.0365	3.99E-06	0.370515	-2.69894	31.7869	4.3196	0.120793	1
cg12321355	0.17917	0.761149	-1.3138	0.353604	0.833145	-1.20027	0.142775	0.739871	-1.35159	9.91E-05	0.26668	-3.74981	9.70074	5.62041	0.515004	1
cg02500509	0.000277952	0.380834	-2.62581	0.815059	1.03876	1.03876	0.953093	0.990498	-1.00959	7.49E-06	0.20197	-4.95123	23.5671	9.83205	0.370839	1
cg09000199	0.0227442	1.74243	1.74243	0.0164449	1.81681	1.81681	0.170334	1.34638	1.34638	0.205536	0.76184	-1.31261	18.2335	11.9798	0.584017	1
cg02938303	0.000285459	3.09751	3.09751	0.675383	0.922774	-1.08369	1.27E-05	5.76412	5.76412	0.0167684	1.74552	1.74552	18.0839	10.4299	0.512666	1
cg13722619	0.00402824	0.216575	-4.61734	0.000254217	10.8781	10.8781	0.000226301	11.3368	11.3368	0.920723	0.961347	-1.04021	14.089	34.9895	2.20752	1
cg15779716	0.0674655	0.554742	-1.80264	0.000134672	6.69833	6.69833	0.468328	0.808792	-1.23641	0.0122394	0.407552	-2.45367	9.63716	12.6249	1.16446	1
cg09220326	0.0131689	0.134798	-7.41849	0.00245632	0.0641397	-15.591	0.00492969	0.088203	-11.3375	0.00734885	0.10512	-9.51291	7.17391	48.2948	5.98401	1
cg13344886	0.00189339	0.126805	-7.8861	0.351526	0.652822	-1.53181	0.00951825	0.220677	-4.53152	0.00836465	0.211737	-4.72285	7.33373	22.2973	2.36473	1
cg19455306	0.0115056	0.430528	-2.32273	0.21024	0.70327	-1.42193	0.108615	0.627136	-1.59455	0.0680543	0.579956	-1.72427	5.8027	6.53257	1.00069	1
cg15107641	0.00600687	0.328303	-3.04597	0.642844	1.1559	1.1559	0.917062	1.03284	1.03284	0.129108	0.601231	-1.66326	5.36189	8.17354	1.355	1
cg24840062	0.0163803	0.121301	-8.24392	0.133799	0.312672	-3.19824	0.00290591	0.052736	-18.9624	0.0136985	0.111727	-8.9504	5.24661	42.9531	7.27718	1
cg01060188	8.64E-06	1.39112	1.39112	1.87E-07	1.72413	1.72413	0.527133	0.978362	-1.02212	0.179956	0.952544	-1.04982	59.0478	1.09007	0.0164095	1
cg26185508	0.117881	0.324458	-3.08206	0.0541096	0.234794	-4.25906	0.00496895	0.0849972	-11.7651	0.0761512	0.270345	-3.69898	3.61467	25.1549	6.18587	1
cg25664938	0.903016	0.987175	-1.01299	0.000600384	1.75162	1.75162	0.507883	0.931339	-1.07372	0.000196467	0.515363	-1.94038	32.8647	5.83623	0.157852	1
cg08135852	0.4434	0.814926	-1.22711	0.992025	0.997386	-1.00262	0.211501	0.708413	-1.41161	0.00123536	0.290273	-3.44503	25.7021	27.9199	0.96559	1
cg05960932	0.000397011	0.212816	-4.69889	0.739684	1.09582	1.09582	0.988633	1.00392	1.00392	0.00305349	0.328448	-3.04462	15.2839	18.2267	1.06004	1
cg25640619	0.00760704	0.257221	-3.88771	0.484308	0.788547	-1.26815	?	?	?	0.010983	3.45277	3.45277	16.9043	17.9179	0.883303	1
cg21869219	0.0841672	1.61053	1.61053	0.00183178	3.01672	3.01672	0.0106935	2.22609	2.22609	0.218163	1.38138	1.38138	6.10927	6.0192	0.875783	1
cg21079805	0.0320668	0.377401	-2.6497	0.00550633	0.242697	-4.12037	0.131014	1.88271	1.88271	0.0296842	0.370412	-2.6997	5.94201	14.1701	2.11976	1
cg07074543	0.361393	1.16248	1.16248	0.000472986	0.414306	-2.41367	0.101023	1.33402	1.33402	0.521888	0.901075	-1.10979	5.64331	2.30159	0.362528	1
cg07794554	0.162128	1.2186	1.2186	0.00142732	0.542786	-1.84235	0.773543	0.962507	-1.03895	0.165668	0.822154	-1.21632	3.85346	1.07069	0.246979	1
cg12580583	0.0178461	0.730826	-1.36832	0.0310112	0.759006	-1.31751	0.168412	0.852285	-1.17332	0.653775	1.05039	1.05039	3.83061	0.719479	0.166954	1
cg12764921	0.175916	0.897435	-1.11429	0.208801	1.10477	1.10477	0.183396	1.11198	1.11198	0.00436227	1.33159	1.33159	3.73678	0.334669	0.0796096	1
cg09220040	0.000642779	1.49093	1.49093	3.29E-08	0.218919	-4.56791	0.112459	0.876549	-1.14084	0.00210188	1.39077	1.39077	180.761	16.6453	0.0818529	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04398983	CDH1	1.18E-05	0.0259146	1.56782	1.56782	2.53E-05	4.14526	4.14526	0.00275873	2.01831	2.01831	0.31642	0.838506	-1.1926	0.0194501	1.61672	1.61672
cg06875305	CDH1	0.000158065	0.126794	0.599653	-1.66763	0.0147795	0.394998	-2.53166	0.0100465	0.365636	-2.73496	0.184869	0.646973	-1.54566	1.40E-05	0.0605166	-16.5244
cg01857829	CDH1	0.000271098	0.889733	1.00752	1.00752	0.0631439	1.11944	1.11944	8.30E-05	1.46599	1.46599	0.0429283	1.13402	1.13402	0.876404	1.00844	1.00844
cg20716119	CDH1	0.000281537	0.216761	1.17668	1.17668	0.0398459	0.742725	-1.34639	3.16E-06	3.98934	3.98934	0.640685	1.06061	1.06061	0.814339	0.970982	-1.02988
cg17655614	CDH1	0.00651741	0.0211403	4.23494	4.23494	0.00611117	6.44378	6.44378	0.0277774	3.87328	3.87328	0.160901	2.18078	2.18078	0.0163319	4.61136	4.61136
cg24765079	CDH1	0.010713	0.126527	2.54603	2.54603	0.00194022	11.9301	11.9301	0.00448825	8.51716	8.51716	0.0541522	3.44078	3.44078	0.498483	0.678061	-1.47479
cg13920367	CDH1	0.0190525	0.479716	1.32083	1.32083	0.00100614	6.62289	6.62289	0.274103	1.55386	1.55386	0.867777	1.06666	1.06666	0.776716	0.895728	-1.11641
cg09406989	CDH1	0.0239441	0.712708	0.863842	-1.15762	0.027776	2.79917	2.79917	0.00874781	3.75002	3.75002	0.0788882	2.16455	2.16455	0.458296	0.741649	-1.34835
cg05785947	CDH1	0.0350092	0.461957	1.80623	1.80623	0.00807508	14.5645	14.5645	0.134026	3.58166	3.58166	0.746531	1.29181	1.29181	0.829681	1.1854	1.1854
cg16739895	CDH1	0.045524	0.364525	1.36487	1.36487	0.0794241	1.91551	1.91551	0.95549	0.981539	-1.01881	0.337499	1.3911	1.3911	0.258619	0.674705	-1.48213
cg12913512	CDH10	9.97E-05	0.00435014	0.450436	-2.22007	0.000131066	0.24917	-4.01332	0.383113	1.20588	1.20588	0.41317	0.839355	-1.19139	6.46E-05	0.21507	-4.64964
cg17418692	CDH10	0.000126784	0.000662262	0.292623	-3.41736	7.33E-05	0.182697	-5.47355	0.281049	0.767914	-1.30223	0.0293613	0.546152	-1.83099	0.000177143	0.223584	-4.47259
cg05003554	CDH10	0.00964124	0.028057	0.283122	-3.53205	0.00307752	0.139372	-7.17504	0.206351	0.522967	-1.91217	0.972971	0.983657	-1.01661	0.00417671	0.154634	-6.46689
cg02617312	CDH10	0.0169431	0.976445	1.00151	1.00151	0.0864815	1.10183	1.10183	0.217328	0.935697	-1.06872	0.311684	1.05506	1.05506	0.00115991	1.27676	1.27676
cg12559474	CDH10	0.01828	0.618053	0.845327	-1.18297	0.0316585	0.430803	-2.32125	0.0810711	0.523853	-1.90893	0.200847	1.57084	1.57084	0.01125	0.345942	-2.89066
cg05683049	CDH10	0.0189042	0.465251	0.86563	-1.15523	0.0025231	2.25751	2.25751	0.00395807	2.12228	2.12228	0.0344861	1.61413	1.61413	0.941709	0.985901	-1.0143
cg26161643	CDH10	0.0451193	0.27253	1.17184	1.17184	0.0765106	0.760644	-1.31468	0.210511	0.832595	-1.20106	0.449723	1.11288	1.11288	0.47301	1.10666	1.10666
cg00068408	CDH10;CDH10	1.76E-05	0.024887	0.531175	-1.88262	0.00109307	3.13162	3.13162	9.49E-06	9.60916	9.60916	0.732443	0.921895	-1.08472	4.66E-06	0.0830525	-12.0406
cg09108073	CDH11	0.00152029	0.44572	0.880749	-1.1354	0.817285	1.03853	1.03853	0.260059	1.21156	1.21156	0.00226036	2.0098	2.0098	0.00176831	0.483143	-2.06978
cg01162378	CDH11	0.00728903	0.675672	1.09839	1.09839	0.0548002	0.615197	-1.62549	0.0451836	0.598975	-1.66952	0.366939	0.813244	-1.22964	0.813655	1.05408	1.05408
cg26624576	CDH11	0.0158324	0.419628	0.862829	-1.15898	0.99155	1.0019	1.0019	0.00526129	1.93172	1.93172	0.87085	0.971308	-1.02954	0.00421422	0.503772	-1.98503
cg06125461	CDH11	0.0158925	0.046895	0.561129	-1.78212	0.00154852	0.314686	-3.17777	0.0406488	0.548617	-1.82276	0.396932	0.802259	-1.24648	0.0678553	0.594827	-1.68116
cg10015051	CDH11	0.0171603	0.197003	0.506021	-1.9762	0.00527622	0.159318	-6.27676	0.0217622	0.252729	-3.9568	0.73419	1.18556	1.18556	0.244609	0.544495	-1.83656
cg02966475	CDH11	0.0199331	0.130992	1.58378	1.58378	0.241277	0.70759	-1.41325	0.47402	0.814386	-1.22792	0.00206208	3.40002	3.40002	0.666161	1.1302	1.1302
cg07951949	CDH11	0.0206684	0.452688	0.866271	-1.15437	0.436034	1.16081	1.16081	0.201273	0.776272	-1.28821	0.0640909	0.676745	-1.47766	0.494965	1.13887	1.13887
cg00094303	CDH11	0.0246167	0.496477	1.17429	1.17429	0.467008	1.18794	1.18794	0.697914	0.913239	-1.095	0.110437	1.49895	1.49895	0.00147484	0.343794	-2.90872
cg15175266	CDH12	0.000458661	0.0329589	0.615054	-1.62587	0.997745	1.00055	1.00055	0.000502525	0.346384	-2.88697	0.806595	1.04896	1.04896	0.00710789	0.507806	-1.96926
cg08851784	CDH12	0.00106153	0.174966	0.842203	-1.18736	0.0245549	0.727009	-1.3755	0.017864	1.40876	1.40876	0.873311	1.01918	1.01918	0.134504	0.825228	-1.21179
cg04480386	CDH12	0.00187351	0.355022	0.761909	-1.31249	0.220333	1.44527	1.44527	0.969794	0.989236	-1.01088	0.628472	0.869919	-1.14953	0.303811	0.737577	-1.35579
cg17681524	CDH12	0.00352372	0.463515	1.31758	1.31758	0.00433316	0.244314	-4.0931	0.459804	0.757165	-1.32072	0.653474	0.846173	-1.18179	0.00169446	0.190585	-5.24699
cg17533522	CDH12	0.0165576	0.0305244	0.579354	-1.72606	0.00143436	0.371643	-2.69076	0.237902	1.30405	1.30405	0.592005	0.890325	-1.12319	0.082154	0.661301	-1.51217
cg08537751	CDH12	0.0175025	0.29398	0.573537	-1.74357	0.000369858	0.0544292	-18.3725	0.111587	0.412688	-2.42314	0.718881	1.20275	1.20275	0.0242363	0.253602	-3.94318
cg27106290	CDH12	0.0226966	0.0175325	0.252141	-3.96603	0.509514	0.726952	-1.37561	0.660766	0.810197	-1.23427	0.619527	1.26942	1.26942	0.0589105	0.361788	-2.76405
cg10303842	CDH12;CDH12	1.43E-05	0.0137839	0.602231	-1.66049	0.201386	0.798721	-1.252	0.0303689	0.654453	-1.52799	0.00916489	1.73539	1.73539	0.00333637	0.514045	-1.94535
cg26227411	CDH12;CDH12	3.07E-05	0.196148	0.837674	-1.19378	0.569421	0.928199	-1.07736	0.22034	1.18174	1.18174	0.52414	1.08725	1.08725	0.111657	1.25172	1.25172
cg18394953	CDH12;CDH12	0.0112504	0.492477	0.757863	-1.3195	0.149804	0.541115	-1.84804	0.572838	0.797226	-1.25435	0.780983	1.11723	1.11723	0.0144725	0.301677	-3.31481
cg27445072	CDH13	0.00017917	0.00130688	0.629864	-1.58764	0.00820791	0.716036	-1.39658	0.00192686	0.648193	-1.54275	0.00350688	0.676301	-1.47863	0.107133	0.840537	-1.18971
cg05847519	CDH13	0.00184692	0.0522175	0.667525	-1.49807	0.000188212	0.315665	-3.16792	0.000796395	0.395655	-2.52746	0.0114714	0.560494	-1.78414	0.0137987	0.572853	-1.74565
cg02738205	CDH13	0.00201394	0.639952	0.934407	-1.0702	0.0055551	1.6898	1.6898	0.101764	1.29428	1.29428	0.0461933	0.719686	-1.3895	0.463296	1.1135	1.1135
cg02282041	CDH13	0.0028697	0.521834	0.838229	-1.19299	0.00144434	3.49563	3.49563	0.00132809	3.55651	3.55651	0.1007	0.613423	-1.6302	0.774205	1.08132	1.08132
cg26709234	CDH13	0.00468699	0.500924	0.795352	-1.2573	0.000703695	0.177093	-5.64675	0.0737088	0.512616	-1.95078	0.379983	1.35236	1.35236	0.00138971	0.211606	-4.72576
cg19854301	CDH13	0.00612172	0.742211	1.03356	1.03356	0.932625	0.991579	-1.00849	0.58542	0.946399	-1.05664	0.48946	0.932186	-1.07275	0.0218282	0.759375	-1.31687
cg00591353	CDH13	0.00641495	0.0102409	0.594523	-1.68202	0.983842	1.00326	1.00326	0.0127079	0.608041	-1.64462	0.0408751	0.684417	-1.4611	0.000668247	0.43324	-2.30819
cg02289020	CDH13	0.00647289	0.000579589	0.239989	-4.16687	0.188103	0.68799	-1.45351	0.726639	0.910181	-1.09868	0.0307157	0.506335	-1.97498	0.00500108	0.369356	-2.70742
cg07132650	CDH13	0.00736028	0.614376	0.93371	-1.071	0.00301463	1.73155	1.73155	0.718304	1.05012	1.05012	0.266745	0.855372	-1.16908	0.859506	1.02421	1.02421
cg09765297	CDH13	0.0087944	0.148454	0.631502	-1.58353	0.264844	0.708483	-1.41147	0.00417878	0.320407	-3.12103	0.0825285	0.565361	-1.76878	0.0257253	0.45586	-2.19366
cg08518101	CDH13	0.0108559	0.195092	0.554043	-1.80491	0.00460824	0.196978	-5.07671	0.585235	0.788624	-1.26803	0.00163979	0.143279	-6.97939	0.0160267	0.280765	-3.5617
cg01090433	CDH13	0.0138273	0.00148602	0.258769	-3.86445	0.0416875	0.500284	-1.99886	0.555431	0.838685	-1.19234	0.148375	0.632996	-1.57979	0.00529515	0.338182	-2.95699
cg16512311	CDH13	0.0164729	0.00643143	0.161159	-6.20505	0.101245	0.39684	-2.51991	0.154578	0.456237	-2.19184	0.626078	1.28775	1.28775	0.00525418	0.150212	-6.65725
ch.16.1914550F	CDH13	0.0202781	0.743295	0.929041	-1.07638	0.0262733	0.554144	-1.80458	0.00163647	0.364123	-2.74633	0.0420471	0.591743	-1.68992	0.36701	1.23067	1.23067
cg04029645	CDH13	0.0202823	0.209481	0.678931	-1.4729	0.09711	1.70412	1.70412	0.850073	1.05696	1.05696	0.145685	1.57983	1.57983	0.0103165	0.388245	-2.57569
cg10148614	CDH13	0.0211153	0.0750273	0.805496	-1.24147	0.171292	1.17223	1.17223	0.0173352	0.728941	-1.37185	0.309122	1.12169	1.12169	0.0716429	1.24538	1.24538
cg01880569	CDH13	0.0363759	0.0249714	0.427017	-2.34183	0.0234239	0.42158	-2.37203	?	?	?	0.418313	0.768115	-1.30189	0.159216	0.618844	-1.61592
cg02069674	CDH13	0.037506	0.0591129	0.365929	-2.73277	0.0497508	0.3479	-2.87439	0.666125	0.814826	-1.22726	0.600459	0.779348	-1.28312	0.00803742	0.201509	-4.96255
cg07179329	CDH13	0.0401248	0.751075	0.900474	-1.11053	0.553241	1.21844	1.21844	0.00915303	0.336092	-2.97538	0.698756	0.879764	-1.13667	0.025034	0.415527	-2.40658
cg03632782	CDH13	0.0421657	0.025057	0.228103	-4.38399	0.00544535	0.131663	-7.59516	0.0121255	0.1766	-5.66251	0.323603	0.568194	-1.75996	0.0339144	0.253324	-3.94752
cg26639808	CDH15	2.19E-05	0.436437	1.15996	1.15996	7.85E-05	0.263204	-3.79934	0.000540298	0.365825	-2.73355	0.000322243	0.337056	-2.96687	6.78E-05	0.255972	-3.90668
cg05901543	CDH15	0.000156827	0.00138019	0.448545	-2.22943	0.519133	0.893188	-1.11959	0.017392	0.606213	-1.64959	0.606092	0.914018	-1.09407	0.00105818	0.433037	-2.30927
cg07222502	CDH15	0.000390402	0.00762991	0.297006	-3.36694	0.000193688	0.108591	-9.20885	0.00194407	0.211981	-4.71741	0.126653	0.557245	-1.79454	0.00221344	0.219218	-4.56167
cg05448332	CDH15	0.000660398	0.000159095	0.245247	-4.07753	0.00152947	0.370431	-2.69956	0.0333713	0.581969	-1.7183	0.587544	0.887599	-1.12663	0.221354	1.32297	1.32297
cg06471402	CDH15	0.00119156	0.851587	0.959991	-1.04168	0.00136456	0.363079	-2.75422	0.00843499	0.480303	-2.08202	0.00171292	2.65366	2.65366	0.634832	0.900952	-1.10994
cg08618878	CDH15	0.00230057	0.0263242	0.486628	-2.05496	0.4923	1.21005	1.21005	0.0950114	0.605584	-1.6513	0.00532626	0.366495	-2.72855	0.171084	0.671371	-1.48949
cg05203814	CDH15	0.00556594	0.364433	1.20014	1.20014	0.0239524	1.69439	1.69439	0.00847499	1.93072	1.93072	0.0245847	0.592076	-1.68897	0.542495	0.886313	-1.12827
cg01729116	CDH15	0.00714663	0.0963246	0.217218	-4.60367	0.00102744	0.017108	-58.4523	0.00227571	0.0281838	-35.4814	0.0549165	0.161986	-6.17339	0.00572181	0.0483381	-20.6876
cg07144297	CDH15	0.00900427	0.869133	0.936312	-1.06802	0.514897	1.30153	1.30153	0.483662	0.752709	-1.32853	0.727906	1.14957	1.14957	0.523279	1.29455	1.29455
cg00511475	CDH15	0.0106768	0.600519	0.851951	-1.17378	0.0447762	2.01083	2.01083	0.00152573	3.9898	3.9898	0.00242145	3.59908	3.59908	0.0977238	0.576399	-1.73491
cg01751047	CDH15	0.0134916	0.0064334	2.36061	2.36061	0.175891	0.705546	-1.41734	0.079504	1.60275	1.60275	0.0289898	1.86613	1.86613	0.934037	1.02026	1.02026
cg08839312	CDH15	0.0272318	0.316289	1.95628	1.95628	0.154742	2.69609	2.69609	0.0153289	0.137783	-7.2578	0.00864176	0.106053	-9.42925	0.0604825	0.249064	-4.01503
cg11386746	CDH15	0.0336572	0.199265	0.804079	-1.24366	0.0174322	1.59256	1.59256	0.476443	0.890117	-1.12345	0.176074	1.26019	1.26019	0.728475	0.94551	-1.05763
cg26529771	CDH15	0.0369963	0.104728	0.626663	-1.59575	0.00187078	0.312637	-3.1986	0.418721	0.804301	-1.24332	0.545696	1.17489	1.17489	0.634789	0.88151	-1.13442
cg04645818	CDH15	0.0379473	0.257164	0.618975	-1.61557	0.0218182	3.05406	3.05406	0.0019711	5.89332	5.89332	0.535385	0.775225	-1.28995	0.214625	1.69878	1.69878
cg16401173	CDH15	0.0461246	0.896263	1.03125	1.03125	0.598682	1.13348	1.13348	0.00240619	0.368835	-2.71124	0.204573	1.37138	1.37138	0.623511	0.889833	-1.12381
cg01324802	CDH16	0.0002433	0.595971	0.898464	-1.11301	0.147921	0.733009	-1.36424	0.0016062	0.404408	-2.47275	0.812133	1.04879	1.04879	0.000155756	0.273721	-3.65335
cg07925867	CDH16	0.00036755	0.819574	0.974152	-1.02653	0.00628508	1.50384	1.50384	4.35E-05	0.41091	-2.43362	0.541589	1.0734	1.0734	0.00947292	0.686031	-1.45766
cg04689058	CDH16	0.000607527	0.0350533	1.69979	1.69979	0.344334	1.2342	1.2342	0.000630536	0.321452	-3.11088	0.182613	1.35736	1.35736	0.253102	0.772709	-1.29415
cg16798537	CDH16	0.041577	0.032312	0.468528	-2.13435	0.0604979	0.527159	-1.89696	0.0479581	0.504648	-1.98158	0.207284	1.49519	1.49519	0.379424	0.761286	-1.31357
cg14221831	CDH16;CDH16	4.90E-05	0.079334	0.713395	-1.40175	0.316758	0.835724	-1.19657	0.000669987	0.4056	-2.46549	0.201016	0.791237	-1.26384	6.24E-05	0.278317	-3.59302
cg16775167	CDH17	0.0014985	0.247	0.748335	-1.3363	0.000992896	0.309889	-3.22696	0.000326921	0.248954	-4.01681	0.00834765	0.446078	-2.24176	0.00506886	0.41173	-2.42877
cg16679068	CDH17	0.00667486	0.0158293	0.512472	-1.95133	0.00457378	0.425743	-2.34883	0.000285049	0.261784	-3.81994	0.383882	0.817147	-1.22377	0.175954	0.722216	-1.38463
cg16696923	CDH17	0.0126648	0.194554	0.645712	-1.54868	0.50402	1.24126	1.24126	0.00214071	0.252941	-3.95349	0.0103041	0.356878	-2.80207	0.00852197	0.342997	-2.91548
cg05808793	CDH17;CDH17	0.00138523	0.00120033	0.406021	-2.46293	0.768169	0.945398	-1.05776	0.00120676	0.406337	-2.46101	0.000261673	0.319806	-3.12689	0.00039999	0.343034	-2.91517
cg01803859	CDH17;CDH17	0.00243106	0.152932	1.22198	1.22198	0.00110311	0.53261	-1.87755	0.213243	0.842259	-1.18728	0.0897881	1.27753	1.27753	0.250539	1.17029	1.17029
cg07681799	CDH17;CDH17	0.00373539	0.726691	1.096	1.096	0.244667	1.37426	1.37426	0.171371	0.683586	-1.46287	0.00575572	0.388546	-2.5737	9.54E-05	0.162869	-6.13989
cg17768665	CDH17;CDH17	0.0161133	0.0902445	0.63974	-1.56314	0.00101126	0.311301	-3.21233	0.00489793	0.40978	-2.44034	0.359901	1.2526	1.2526	0.294526	0.770956	-1.29709
cg08186548	CDH17;CDH17	0.0252369	0.434475	0.880344	-1.13592	0.566301	1.09707	1.09707	0.469477	1.1248	1.1248	0.952641	0.990553	-1.00954	0.55699	1.09958	1.09958
cg20987610	CDH17;CDH17	0.0474481	0.0535476	0.15195	-6.58113	0.0745926	0.18142	-5.51207	0.0188	0.0866179	-11.545	0.0968961	0.208879	-4.78745	0.0768208	0.184309	-5.42568
cg14353573	CDH17;CDH17;CDH17	0.0243688	0.510659	1.24325	1.24325	0.940923	1.02448	1.02448	0.257032	0.679767	-1.47109	0.00396789	0.282507	-3.53973	0.0146679	0.375156	-2.66556
cg18710278	CDH18;CDH18	1.64E-05	3.65E-06	0.405662	-2.46511	0.317468	1.0898	1.0898	0.202055	1.11861	1.11861	5.07E-06	0.421473	-2.37263	0.167215	0.884684	-1.13035
cg03504701	CDH18;CDH18	0.000158705	0.0524182	0.751727	-1.33027	0.00530721	0.621668	-1.60857	0.00414804	0.608223	-1.64413	0.988759	1.00182	1.00182	3.27E-06	0.240847	-4.152
cg27043873	CDH18;CDH18	0.00169908	0.682658	1.06348	1.06348	0.0118017	0.624478	-1.60134	0.353292	0.866747	-1.15374	0.535208	0.910259	-1.09859	0.000671636	0.458877	-2.17924
cg06700166	CDH18;CDH18	0.00224213	0.0346194	0.396926	-2.51936	0.945396	1.02602	1.02602	0.000433133	0.124021	-8.06317	0.0902829	0.496507	-2.01407	0.0038108	0.231425	-4.32105
cg06450373	CDH18;CDH18	0.0110813	0.0478249	0.273664	-3.65411	0.000742782	0.0532381	-18.7835	0.0389295	0.254346	-3.93166	0.00733625	0.138145	-7.23876	0.0416651	0.260568	-3.83777
cg04844516	CDH18;CDH18	0.0126892	0.880233	0.957565	-1.04432	0.00152589	0.269205	-3.71464	0.37501	0.769622	-1.29934	0.0390882	0.503204	-1.98726	0.324145	1.34023	1.34023
cg00566208	CDH18;CDH18	0.0150422	0.0869668	0.791458	-1.26349	0.00901776	0.663135	-1.50799	0.00217344	1.70275	1.70275	0.736412	1.04269	1.04269	0.46939	0.912951	-1.09535
cg03857617	CDH18;CDH18	0.0262513	0.351897	1.49447	1.49447	0.571026	0.786543	-1.27139	0.0473908	0.38624	-2.58907	0.0112262	3.78983	3.78983	0.343019	0.66386	-1.50634
cg22137572	CDH18;CDH18	0.0292265	0.630244	1.32089	1.32089	0.337608	0.567106	-1.76334	0.00943585	0.151405	-6.60481	0.38132	0.597376	-1.67399	0.0951181	0.349156	-2.86405
cg04607251	CDH18;CDH18	0.0409808	0.675032	0.825675	-1.21113	0.0021269	7.10876	7.10876	0.0451269	2.84139	2.84139	0.475361	1.39062	1.39062	0.121533	0.466463	-2.14379
cg06781712	CDH18;CDH18;CDH18;CDH18	8.81E-07	0.0287409	0.733187	-1.36391	0.0255916	1.37588	1.37588	5.55E-05	2.46484	2.46484	6.01E-08	0.108684	-9.20102	9.83E-06	0.318717	-3.13758
cg11255163	CDH1;CDH1	0.0103704	0.117376	0.798082	-1.253	0.000343357	2.14749	2.14749	0.593054	1.07416	1.07416	0.237839	1.17818	1.17818	0.789546	0.965148	-1.03611
cg23989635	CDH1;CDH1	0.0223989	0.0101128	0.670125	-1.49226	0.00957595	1.49884	1.49884	0.745321	1.04103	1.04103	0.944967	1.00855	1.00855	0.683282	1.05191	1.05191
cg07775293	CDH2	0.0303506	0.0723981	0.754665	-1.32509	0.0392209	1.39791	1.39791	0.499609	1.101	1.101	0.0318102	0.702382	-1.42373	0.0571101	1.35284	1.35284
cg24776465	CDH2	0.0485156	0.00199605	0.551034	-1.81477	0.998205	1.00031	1.00031	0.97919	0.996444	-1.00357	0.138752	0.804413	-1.24314	0.278322	0.857313	-1.16643
cg13161901	CDH20	0.00104904	0.507851	1.0927	1.0927	0.427338	0.898573	-1.11288	0.288484	0.864664	-1.15652	0.103965	1.26441	1.26441	0.0100916	0.651562	-1.53477
cg06823108	CDH20	0.00839678	0.00852028	0.257383	-3.88526	0.506709	0.761599	-1.31303	0.0290086	0.353287	-2.83056	0.0323487	0.363135	-2.75379	0.00141767	0.154581	-6.4691
cg02050426	CDH20	0.00908597	0.410006	0.879672	-1.13679	0.135626	0.782918	-1.27727	0.00414592	0.557207	-1.79467	0.271185	1.19042	1.19042	0.0118601	0.620029	-1.61283
cg00095259	CDH20	0.0303533	0.889288	1.05584	1.05584	0.0071823	3.8721	3.8721	0.170662	1.76677	1.76677	0.217536	1.65875	1.65875	0.0183599	0.3275	-3.05343
cg25423077	CDH20	0.0323776	0.498046	0.786524	-1.27142	0.118218	1.80786	1.80786	0.877443	1.05535	1.05535	0.976532	0.989784	-1.01032	0.294338	1.46183	1.46183
cg10329468	CDH22	1.03E-05	8.41E-05	0.322552	-3.10027	0.00440385	1.83715	1.83715	0.26932	0.8319	-1.20207	0.170034	1.2634	1.2634	1.29E-06	0.136773	-7.3114
cg18376773	CDH22	7.48E-05	0.317835	1.15334	1.15334	0.0107468	1.55716	1.55716	3.35E-05	0.329173	-3.03792	0.000586086	0.479918	-2.08369	0.0354342	1.40267	1.40267
cg08999070	CDH22	0.00012836	0.11785	0.847795	-1.17953	4.38E-05	2.12455	2.12455	0.215619	0.880984	-1.13509	0.0847084	1.20368	1.20368	2.82E-05	0.448907	-2.22763
cg16284742	CDH22	0.000142505	0.659942	0.924653	-1.08149	0.00186085	2.18403	2.18403	0.760725	0.947396	-1.05552	0.923079	1.01723	1.01723	0.855399	0.968241	-1.0328
cg00671489	CDH22	0.00102901	0.0137183	0.466832	-2.1421	0.000406401	4.07388	4.07388	0.372104	1.25743	1.25743	0.282798	1.32178	1.32178	0.0319666	0.533537	-1.87428
cg07869907	CDH22	0.00133002	0.0298585	0.499842	-2.00063	0.146895	1.52564	1.52564	0.0850314	1.6765	1.6765	0.17771	0.677972	-1.47499	4.51E-05	0.123124	-8.12186
cg07612821	CDH22	0.00326836	0.196041	1.42966	1.42966	0.000779954	3.77604	3.77604	0.0119165	2.27151	2.27151	0.952816	1.01559	1.01559	0.0335711	1.91374	1.91374
cg08736034	CDH22	0.00366295	0.0596801	1.40205	1.40205	0.00748087	1.72901	1.72901	0.0297784	1.50182	1.50182	0.220668	1.22722	1.22722	0.007574	1.72675	1.72675
cg16565696	CDH22	0.00582965	0.0100135	0.340487	-2.93697	0.320169	0.711492	-1.4055	0.00558126	0.299353	-3.34053	0.018974	0.390116	-2.56334	?	?	?
cg07296387	CDH22	0.00864186	0.006706	0.325311	-3.07399	0.804322	1.08251	1.08251	0.248773	0.680438	-1.46964	0.0937388	0.555091	-1.80151	0.000847211	0.201472	-4.96346
cg17412248	CDH22	0.00881438	0.00590351	9.4072	9.4072	0.0032806	12.1029	12.1029	0.0521985	3.95218	3.95218	0.17278	2.46675	2.46675	0.0501097	4.01505	4.01505
cg25123102	CDH22	0.0111645	0.0337948	7.19909	7.19909	0.0405115	6.58073	6.58073	0.141852	3.51791	3.51791	0.472793	1.78885	1.78885	0.0380831	6.78522	6.78522
cg12589798	CDH22	0.017295	0.0288357	0.497116	-2.0116	0.883992	1.04038	1.04038	0.0504221	1.83062	1.83062	0.329446	1.31379	1.31379	0.00404445	0.351046	-2.84863
cg15184495	CDH22	0.0187236	0.437572	1.20336	1.20336	0.00223787	2.71992	2.71992	0.16915	1.40837	1.40837	0.859414	1.04232	1.04232	0.800225	1.06107	1.06107
cg17771031	CDH22	0.0220623	0.0821222	0.29558	-3.38318	0.193972	0.419108	-2.38602	0.311566	0.515578	-1.93957	0.0767804	0.287817	-3.47443	0.0328089	0.205967	-4.85515
cg04640913	CDH22	0.0265287	0.580262	1.14568	1.14568	0.0144387	2.08337	2.08337	0.306105	0.772602	-1.29433	0.289518	0.765158	-1.30692	0.334822	1.27401	1.27401
cg07676002	CDH22;CDH22	0.00631285	0.0116832	4.35932	4.35932	0.0126536	4.25556	4.25556	0.12221	2.18732	2.18732	0.118345	2.20837	2.20837	0.00302985	6.67535	6.67535
cg24101578	CDH22;CDH22	0.00883737	0.104782	2.39372	2.39372	0.10383	2.40053	2.40053	0.855302	1.09404	1.09404	0.720693	1.19335	1.19335	0.0157311	4.29417	4.29417
cg23284338	CDH23	2.99E-09	0.0116831	0.781804	-1.27909	0.054	0.842935	-1.18633	2.47E-07	0.300391	-3.32899	1.20E-08	0.170745	-5.85669	8.08E-11	0.0361731	-27.6448
cg24980638	CDH23	2.48E-05	9.42E-06	0.246067	-4.06393	0.0161847	0.649504	-1.53964	5.31E-06	0.220073	-4.54395	0.524187	0.909657	-1.09932	5.16E-06	0.218816	-4.57005
cg22877524	CDH23	0.000235341	0.930149	0.98617	-1.01402	0.421337	0.877675	-1.13937	4.37E-05	0.291833	-3.42662	0.173543	0.794534	-1.2586	0.148733	0.78192	-1.2789
ch.10.1529706F	CDH23	0.000260944	0.000757347	0.311475	-3.21053	0.00170101	0.359185	-2.78408	2.68E-05	0.150346	-6.65134	0.0017919	0.362367	-2.75963	0.0112881	0.484341	-2.06466
cg05864024	CDH23	0.000551119	0.001121	0.283754	-3.52417	0.894139	1.03557	1.03557	0.0409888	0.538359	-1.8575	0.36739	1.27521	1.27521	0.0602749	0.5733	-1.74429
cg10505163	CDH23	0.000877084	0.371502	0.656225	-1.52387	0.0520165	0.362467	-2.75887	0.000208915	0.0579476	-17.257	0.028517	0.305289	-3.27559	0.000120761	0.0457832	-21.8421
cg03028769	CDH23	0.000959351	0.000583634	0.494155	-2.02366	0.118349	0.798678	-1.25207	0.000713239	0.504945	-1.98041	0.000895005	0.517189	-1.93353	0.000279462	0.454763	-2.19895
cg17019070	CDH23	0.00139587	0.675684	0.854888	-1.16974	0.816342	1.09056	1.09056	0.000297793	0.111486	-8.96975	0.378132	0.713936	-1.40069	0.00043329	0.125734	-7.95332
cg00613914	CDH23	0.00557634	0.504481	0.824817	-1.21239	0.48021	0.815411	-1.22638	0.000225474	0.174734	-5.723	0.372708	0.770878	-1.29722	0.00290329	0.312258	-3.20248
cg26134646	CDH23	0.00914533	0.654997	1.40815	1.40815	0.833601	0.852054	-1.17363	0.00778639	0.0742499	-13.468	0.646857	0.703945	-1.42057	0.00143704	0.0299855	-33.3494
cg17485681	CDH23	0.0131275	0.0165226	5.1637	5.1637	0.0325201	4.06667	4.06667	0.0932725	2.81496	2.81496	0.101226	2.73475	2.73475	0.0314006	4.11677	4.11677
cg19906973	CDH23	0.0368301	0.666637	0.93602	-1.06835	0.412568	1.13634	1.13634	0.653357	1.0714	1.0714	0.813268	0.964543	-1.03676	0.838409	0.969327	-1.03164
cg07658681	CDH23	0.0383986	0.187462	0.406894	-2.45764	0.173303	0.393524	-2.54114	0.181985	0.401779	-2.48893	0.38262	0.561966	-1.77947	0.00502684	0.0917554	-10.8985
cg02851751	CDH23	0.038401	0.321726	1.17198	1.17198	0.660695	0.933818	-1.07087	0.00778526	0.588799	-1.69837	0.857003	1.02835	1.02835	0.00667802	0.579547	-1.72549
cg09229668	CDH23	0.0422927	0.201566	1.36306	1.36306	0.852906	0.958268	-1.04355	0.697999	1.09368	1.09368	0.18817	1.3775	1.3775	0.0858786	1.5464	1.5464
cg24772501	CDH23	0.0443792	0.0187227	0.803458	-1.24462	0.799021	1.01979	1.01979	0.750367	1.02482	1.02482	0.59234	0.959336	-1.04239	0.0284728	1.21967	1.21967
cg04083751	CDH23;C10orf54	0.00160483	0.287672	0.861766	-1.16041	0.135801	0.805225	-1.24189	0.497575	0.91137	-1.09725	0.135141	0.804885	-1.24241	0.000121537	0.404773	-2.47052

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04398983	1.08E-05	4.9316	4.9316	8.75E-06	5.16311	5.16311	9.17E-06	5.11046	5.11046	1.15E-05	4.86392	4.86392	38.8495	17.7932	0.407115	1
cg06875305	0.00116723	0.228553	-4.37535	0.000294148	0.160987	-6.2117	6.41E-05	0.102728	-9.73448	0.000651443	0.198176	-5.04603	19.5784	29.7326	1.3499	1
cg01857829	0.00953266	1.19394	1.19394	5.27E-05	0.665165	-1.50339	0.121031	0.913236	-1.09501	0.697605	1.0213	1.0213	16.912	0.780598	0.0410279	1
cg20716119	0.21444	1.17775	1.17775	0.545464	1.0796	1.0796	0.0180595	1.43263	1.43263	0.136628	1.2223	1.2223	16.7384	4.15399	0.220596	1
cg17655614	0.00822783	5.81169	5.81169	0.000870381	13.4721	13.4721	0.00586137	6.53888	6.53888	0.0178682	4.47613	4.47613	6.76376	29.0363	3.81593	1
cg24765079	0.0908913	2.86638	2.86638	0.0193821	4.94561	4.94561	0.00715852	7.12371	7.12371	0.0452582	3.66448	3.66448	5.78151	29.2717	4.50043	1
cg13920367	0.86902	0.938082	-1.066	0.919736	0.961716	-1.03981	0.00604589	4.00982	4.00982	0.0312967	2.66031	2.66031	4.7826	11.3613	2.11161	1
cg09406989	0.43645	1.36915	1.36915	0.0522923	2.39532	2.39532	0.00335678	4.85155	4.85155	0.100109	2.04012	2.04012	4.42297	10.9712	2.2049	1
cg05785947	0.339768	2.1745	2.1745	0.939278	0.941623	-1.062	0.00360836	22.4364	22.4364	0.0137388	11.0816	11.0816	3.86676	38.1745	8.77552	1
cg16739895	0.290148	1.44268	1.44268	0.00446971	0.282034	-3.54567	0.312676	1.41714	1.41714	0.0912461	1.86069	1.86069	3.51027	6.19585	1.56895	1
cg12913512	0.000207011	0.272428	-3.67069	0.000794696	0.346218	-2.88835	0.00347816	2.29354	2.29354	0.000903262	0.353644	-2.82771	22.158	15.3762	0.616829	1
cg17418692	0.000247371	0.240177	-4.1636	0.000730506	0.29813	-3.35424	0.00248831	2.69335	2.69335	0.021146	0.520274	-1.92206	20.776	18.2797	0.782089	1
cg05003554	0.0349236	0.302565	-3.30507	0.322576	0.608388	-1.64369	0.022587	3.77361	3.77361	0.144997	0.467091	-2.14091	5.97999	22.4016	3.32986	1
cg02617312	0.0157003	1.16373	1.16373	0.399731	1.04513	1.04513	0.290216	0.945342	-1.05782	0.0444913	1.12543	1.12543	4.97505	0.206609	0.0369147	1
cg12559474	0.37343	0.736811	-1.3572	0.468028	1.27995	1.27995	0.00501405	3.45927	3.45927	0.881143	1.05129	1.05129	4.84987	8.58277	1.57306	1
cg05683049	0.794141	1.05209	1.05209	0.204587	0.771113	-1.29683	0.450102	1.16117	1.16117	0.612098	1.10439	1.10439	4.79525	2.86322	0.530751	1
cg26161643	0.467432	0.902426	-1.10812	0.0016874	0.536254	-1.86479	0.475929	0.904247	-1.10589	0.944388	0.99036	-1.00973	3.52203	1.07545	0.271422	1
cg00068408	0.00115587	0.3226	-3.09981	0.0281736	0.541045	-1.84828	0.0118342	0.474854	-2.10591	0.213118	0.732924	-1.3644	34.9958	31.126	0.790598	1
cg09108073	0.0014725	2.11653	2.11653	0.00677293	1.77414	1.77414	0.00736782	1.75794	1.75794	0.0433687	1.46162	1.46162	10.4391	4.41199	0.37568	1
cg01162378	0.103024	1.48854	1.48854	0.00363846	2.40481	2.40481	0.00180502	2.69076	2.69076	0.107376	1.47988	1.47988	6.53208	5.14649	0.700337	1
cg26624576	0.498691	0.884366	-1.13075	0.326291	1.19881	1.19881	0.0166196	1.68759	1.68759	0.925324	1.01692	1.01692	5.08877	2.58004	0.450672	1
cg06125461	0.818635	1.06007	1.06007	0.526989	1.17681	1.17681	0.0534995	1.74547	1.74547	0.0845354	0.615934	-1.62355	5.08237	5.19289	0.908219	1
cg10015051	0.45444	1.46307	1.46307	0.0136937	0.218158	-4.58383	0.0308981	3.54563	3.54563	0.596244	1.30609	1.30609	4.9539	19.5691	3.51133	1
cg02966475	0.0973279	0.598671	-1.67037	0.105774	0.60761	-1.64579	0.0564738	0.543936	-1.83845	0.325475	1.33148	1.33148	4.70992	5.93125	1.11939	1
cg07951949	0.132135	1.35655	1.35655	0.00291072	2.15493	2.15493	0.0105072	1.82982	1.82982	0.948309	1.01224	1.01224	4.65223	2.59451	0.495726	1
cg00094303	0.991427	0.997503	-1.0025	0.0772806	0.633164	-1.57937	0.0750975	1.58596	1.58596	0.548304	1.15182	1.15182	4.38069	3.7565	0.762234	1
cg15175266	0.10006	0.703871	-1.42072	1.93E-05	0.184354	-5.42436	0.0949387	1.42991	1.42991	0.00839439	0.518841	-1.92737	14.6363	8.80331	0.534639	1
cg08851784	0.0100535	0.679272	-1.47217	6.66E-05	0.418907	-2.38716	0.0260641	1.36939	1.36939	0.213464	1.16877	1.16877	11.5688	2.59652	0.199504	1
cg04480386	0.165808	0.655474	-1.52561	0.847067	1.05673	1.05673	2.46E-05	11.0009	11.0009	0.411181	1.27147	1.27147	9.82694	12.7129	1.14994	1
cg17681524	0.667435	1.17324	1.17324	0.000413846	0.126035	-7.93428	0.597284	1.21782	1.21782	0.0139549	0.325515	-3.07205	8.1573	17.6503	1.92333	1
cg17533522	0.0141985	0.522231	-1.91486	0.0223696	0.555624	-1.79978	0.337045	0.80853	-1.23681	0.994858	1.00138	1.00138	5.01345	3.66119	0.649132	1
cg08537751	0.25757	0.54694	-1.82835	0.15442	0.459077	-2.17828	0.0797571	0.370443	-2.69947	0.506342	0.708671	-1.41109	4.92123	20.3303	3.67212	1
cg27106290	0.0635996	0.370094	-2.70202	0.00474288	0.167358	-5.97522	0.0346466	3.23455	3.23455	0.177393	0.504982	-1.98027	4.50542	16.2087	3.19788	1
cg10303842	0.11351	0.75062	-1.33223	0.000109857	0.321682	-3.10866	6.64E-07	9.55654	9.55654	0.0455676	0.682562	-1.46507	36.9755	16.2486	0.390617	1
cg26227411	0.222454	1.18075	1.18075	0.784577	1.03615	1.03615	2.27E-07	7.51211	7.51211	0.351138	1.13242	1.13242	30.2627	8.04881	0.236413	1
cg18394953	0.712726	0.86322	-1.15845	0.388047	0.703378	-1.42171	0.000481408	8.82892	8.82892	0.637864	0.828149	-1.20751	5.69106	14.2579	2.22694	1
cg27445072	0.0358353	0.785687	-1.27277	0.000885792	1.63558	1.63558	0.130561	1.175	1.175	3.04E-05	0.447031	-2.23698	18.9266	2.92423	0.137336	1
cg05847519	0.132827	0.743161	-1.3456	0.0601714	1.47411	1.47411	0.0661703	0.685756	-1.45825	0.0453609	0.656931	-1.52223	9.86782	5.2362	0.471674	1
cg02738205	0.759887	1.04513	1.04513	0.000864757	0.486722	-2.05456	0.504018	1.10257	1.10257	0.000672849	0.472861	-2.11479	9.6224	3.16033	0.291942	1
cg02282041	0.0870036	1.67147	1.67147	0.0703199	1.73305	1.73305	0.0394519	1.91079	1.91079	0.00810292	0.397904	-2.51317	8.67161	10.1468	1.0401	1
cg26709234	0.415697	0.756666	-1.32159	0.00175531	0.224384	-4.45664	0.0890959	0.533413	-1.87472	0.167634	0.610816	-1.63715	7.48458	13.317	1.58156	1
cg19854301	0.0068221	1.41982	1.41982	0.000485848	1.72796	1.72796	0.643323	0.954433	-1.04774	0.166376	0.862783	-1.15904	6.89624	1.09255	0.140824	1
cg00591353	0.108581	0.754879	-1.32472	0.802216	0.96048	-1.04115	0.425046	0.877326	-1.13983	0.00169537	0.486532	-2.05536	6.79708	2.77861	0.363373	1
cg02289020	0.0142112	0.444383	-2.25031	0.0307046	0.506305	-1.9751	0.369968	0.78124	-1.28002	0.00332864	0.342451	-2.92013	6.77816	7.71837	1.01219	1
cg07132650	0.0724687	1.31074	1.31074	0.0846004	1.29373	1.29373	0.00263655	0.570116	-1.75403	0.0323254	0.712937	-1.40265	6.51223	1.87998	0.256608	1
cg09765297	0.587413	0.850043	-1.17641	0.000567586	0.205249	-4.87212	0.61313	0.859674	-1.16323	0.00524765	0.3356	-2.97974	6.15732	8.57648	1.23813	1
cg08518101	0.00484133	0.199869	-5.00327	0.736784	0.864713	-1.15645	0.0744897	0.424765	-2.35424	0.027392	0.324825	-3.07858	5.75691	16.9285	2.61382	1
cg01090433	0.0204939	0.438876	-2.27855	0.0627619	0.53923	-1.8545	0.840262	0.942209	-1.06134	0.0115016	0.393591	-2.54071	5.32154	7.33304	1.22488	1
cg16512311	0.0614636	0.337881	-2.95962	0.002911	0.121586	-8.22466	0.193448	0.492276	-2.03138	0.0444758	0.304664	-3.2823	5.02203	21.0972	3.73416	1
ch.16.1914550F	0.641105	0.900191	-1.11087	0.00748393	0.462483	-2.16224	0.318231	0.793696	-1.25993	0.456191	0.84369	-1.18527	4.68252	3.72014	0.706199	1
cg04029645	0.826291	0.937682	-1.06646	0.29205	0.726124	-1.37717	0.002991	3.29401	3.29401	0.957965	1.01555	1.01555	4.6822	6.3553	1.20652	1
cg10148614	0.781702	0.970149	-1.03077	0.170887	1.17243	1.17243	0.133619	0.838191	-1.19305	0.0077313	0.688476	-1.45248	4.61838	0.870594	0.167561	1
cg01880569	0.0589953	0.506525	-1.97424	0.0066977	0.32566	-3.07069	0.0199021	0.407994	-2.45102	0.136308	0.599293	-1.66863	3.87477	5.55057	1.43249	1
cg02069674	0.249511	0.5668	-1.76429	0.00526687	0.176289	-5.67251	0.0279322	0.293666	-3.40523	0.0840747	0.405884	-2.46376	3.77113	13.2916	3.13294	1
cg07179329	0.844552	1.0668	1.0668	0.267634	1.46285	1.46285	0.185864	1.58733	1.58733	0.0188337	0.39169	-2.55304	3.67891	6.32235	1.52759	1
cg03632782	0.541453	0.709817	-1.40881	0.0653865	0.317631	-3.14831	0.319551	0.565321	-1.76892	0.0969739	0.364174	-2.74594	3.61205	17.5886	4.32838	1
cg26639808	5.68E-05	0.247319	-4.04336	1.97E-06	0.111072	-9.00318	0.163527	0.757353	-1.32039	0.000290226	0.331339	-3.01806	33.077	18.3003	0.49179	1
cg05901543	3.48E-05	0.250783	-3.98751	1.25E-05	0.203846	-4.90566	0.0300508	0.643367	-1.55432	0.00210954	0.473672	-2.11117	19.62	9.28281	0.420559	1
cg07222502	0.0370889	0.424564	-2.35536	6.19E-05	0.0732692	-13.6483	0.000201423	0.109977	-9.09281	0.00545688	0.274283	-3.64587	15.3023	30.3561	1.76334	1
cg05448332	0.00228548	0.395109	-2.53095	0.000616857	0.31736	-3.15099	0.0365381	0.589165	-1.69732	0.000580794	0.313973	-3.18499	13.2248	9.9286	0.667338	1
cg06471402	0.912729	0.976383	-1.02419	0.0589991	0.628233	-1.59177	0.00074838	3.05002	3.05002	0.283537	1.27494	1.27494	11.1943	8.42604	0.669073	1
cg08618878	0.22858	0.707888	-1.41265	5.05E-05	0.125237	-7.98488	0.576296	1.16689	1.16689	0.0396389	0.521798	-1.91645	9.25532	10.956	1.05223	1
cg05203814	0.199081	0.766724	-1.30425	0.023014	1.70274	1.70274	0.00128278	2.50664	2.50664	0.102489	1.41876	1.41876	7.10151	4.31007	0.539487	1
cg01729116	0.0454175	0.146775	-6.81317	0.0134567	0.0774116	-12.918	0.0279991	0.114098	-8.76437	0.0236014	0.104324	-9.58553	6.57247	72.7843	9.84366	1
cg07144297	0.392803	0.705138	-1.41816	0.000235893	0.0878509	-11.3829	0.0602026	0.429154	-2.33016	0.0118213	0.285226	-3.50599	6.11146	15.4157	2.24215	1
cg00511475	0.253454	1.43572	1.43572	0.229804	1.46535	1.46535	0.661206	0.874826	-1.14309	0.353424	1.33581	1.33581	5.7878	8.42937	1.29458	1
cg01751047	0.443431	0.827475	-1.2085	0.00440519	0.397998	-2.51257	0.974744	1.0077	1.0077	0.271419	1.3198	1.3198	5.36461	4.99044	0.82689	1
cg08839312	?	?	?	0.0321849	0.190561	-5.24766	0.848952	0.884361	-1.13076	0.99839	1.0013	1.0013	4.74221	27.1391	5.00752	1
cg11386746	0.268725	0.83094	-1.20346	0.00457731	0.545019	-1.8348	0.18596	0.798151	-1.2529	0.331399	0.851192	-1.17482	3.92214	1.60562	0.363888	1
cg26529771	0.398689	0.796333	-1.25576	0.0222137	0.485549	-2.05952	0.259054	0.733191	-1.3639	0.0298865	0.509943	-1.961	3.79	4.16981	0.977968	1
cg04645818	0.918178	0.959176	-1.04256	0.939734	0.969795	-1.03115	0.209459	1.71014	1.71014	0.398787	1.41965	1.41965	3.75504	9.78512	2.31632	1
cg16401173	0.105657	0.659023	-1.5174	0.0968734	1.53714	1.53714	0.446427	0.832695	-1.20092	0.730939	0.921791	-1.08484	3.49304	3.07901	0.783529	1
cg01324802	0.090894	0.688899	-1.45159	0.04077	0.623397	-1.60411	6.33E-06	0.133081	-7.51424	0.233415	0.778813	-1.284	17.4184	11.0447	0.563626	1
cg07925867	0.00241623	0.616153	-1.62297	0.007949	0.677009	-1.47708	0.000573324	0.542752	-1.84246	0.167202	0.844698	-1.18386	15.5585	3.23748	0.184964	1
cg04689058	0.00805855	0.480374	-2.08171	0.00237124	0.400279	-2.49826	7.90E-05	0.214036	-4.67212	0.142208	0.711175	-1.40612	13.5367	10.0049	0.656973	1
cg16798537	0.594651	0.850058	-1.17639	0.0119284	0.387107	-2.58326	0.0189036	0.423179	-2.36307	0.849539	1.05913	1.05913	3.63092	5.26146	1.28806	1
cg14221831	1.98E-05	0.223447	-4.47534	0.00960876	0.566418	-1.76548	2.99E-06	0.145119	-6.89088	0.0236378	0.625932	-1.59762	26.7705	12.747	0.423251	1
cg16775167	0.013349	0.479964	-2.08349	0.043504	1.74364	1.74364	0.898987	1.03088	1.03088	0.0138362	0.48262	-2.07202	10.4826	9.52238	0.807465	1
cg16679068	0.0402332	0.585072	-1.70919	0.0241453	0.544387	-1.83693	0.775081	0.937262	-1.06694	0.0348887	0.573459	-1.7438	6.71379	5.43896	0.720104	1
cg16696923	0.0513196	0.493	-2.0284	0.00730732	0.332042	-3.01167	0.837611	0.936682	-1.0676	0.226829	0.667348	-1.49847	5.47663	8.81203	1.43024	1
cg05808793	0.0453839	0.646626	-1.54649	0.0603666	0.66876	-1.49531	0.405067	0.850594	-1.17565	0.0754306	0.686623	-1.4564	10.7221	6.12745	0.507979	1
cg01803859	0.0231371	1.4271	1.4271	0.000394755	2.09415	2.09415	0.631075	0.938598	-1.06542	0.926662	1.01213	1.01213	9.10664	2.47391	0.241476	1
cg07681799	0.235117	0.722488	-1.38411	0.792357	1.07135	1.07135	0.120098	0.64374	-1.55342	0.0660777	0.583581	-1.71356	8.01586	8.66254	0.960601	1
cg17768665	0.801604	1.06209	1.06209	0.893232	0.968381	-1.03265	0.634108	0.891614	-1.12156	0.421809	1.21693	1.21693	5.0591	4.58682	0.805909	1
cg08186548	0.00069095	0.437042	-2.28811	0.034684	0.674686	-1.48217	0.321364	0.848972	-1.1779	0.7052	1.06262	1.06262	4.34296	1.75666	0.359542	1
cg20987610	0.136318	0.251742	-3.97233	0.00440593	0.0381268	-26.2283	0.0433903	0.135817	-7.36285	0.205212	0.317062	-3.15395	3.45603	40.425	10.3973	1
cg14353573	0.0471491	0.476533	-2.09849	0.0162136	0.383073	-2.61047	0.0227067	0.410675	-2.43502	0.313442	0.711625	-1.40523	4.39611	7.41351	1.49901	1
cg18710278	0.0132468	0.774557	-1.29106	0.331343	0.91998	-1.08698	0.00142924	1.46787	1.46787	0.00126334	1.47935	1.47935	35.6978	3.91504	0.0974861	1
cg03504701	0.988501	1.00187	1.00187	0.0124278	1.49558	1.49558	0.866935	1.02193	1.02193	0.500412	1.09253	1.09253	19.5571	5.18495	0.235661	1
cg27043873	0.215014	0.822481	-1.21583	6.98E-05	0.337137	-2.96615	0.751442	1.04873	1.04873	0.0243262	0.669053	-1.49465	10.1094	3.58975	0.315637	1
cg06700166	0.57208	0.807233	-1.2388	0.00035727	0.116613	-8.5754	0.452042	1.33292	1.33292	0.0147374	0.324392	-3.08269	9.32536	20.7779	1.98054	1
cg06450373	0.0345905	0.243859	-4.10073	0.0235235	0.212411	-4.70785	0.769845	0.845336	-1.18296	0.0313898	0.235554	-4.24532	5.71892	29.708	4.6175	1
cg04844516	0.691995	1.12132	1.12132	0.0463331	1.92781	1.92781	0.0486492	1.91109	1.91109	0.122334	1.61857	1.61857	5.47319	7.1694	1.16437	1
cg00566208	0.806827	0.970142	-1.03078	0.0455252	0.752953	-1.3281	0.582022	0.933527	-1.07121	0.410927	1.10964	1.10964	5.17589	1.255	0.21553	1
cg03857617	0.826734	1.0963	1.0963	0.822916	1.09856	1.09856	0.00524035	4.68525	4.68525	0.0804102	2.25535	2.25535	4.28365	11.9323	2.47604	1
cg22137572	0.0038421	0.106937	-9.35126	0.0269738	0.222493	-4.49453	0.279768	1.90543	1.90543	0.252254	0.503483	-1.98616	4.12486	21.5072	4.6347	1
cg04607251	0.432293	1.43918	1.43918	0.649306	1.23118	1.23118	0.08475	2.37751	2.37751	0.589665	1.28063	1.28063	3.65037	11.9316	2.90542	1
cg06781712	0.000243399	0.481987	-2.07474	0.000218303	2.09935	2.09935	0.0361799	1.34056	1.34056	0.0206623	1.39834	1.39834	75.7494	17.3658	0.20378	1
cg11255163	0.64073	1.06431	1.06431	0.616255	0.935188	-1.0693	0.105221	1.26459	1.26459	0.0160575	1.47811	1.47811	5.84217	1.62715	0.247571	1
cg23989635	0.456545	0.9107	-1.09806	0.491346	0.917386	-1.09005	0.00693783	1.53875	1.53875	0.637657	1.06027	1.06027	4.52593	1.09086	0.214244	1
cg07775293	0.226996	1.19492	1.19492	0.1854	1.21795	1.21795	0.0964309	0.773936	-1.2921	0.11631	0.786937	-1.27075	4.06999	1.27063	0.277506	1
cg24776465	0.852409	1.02576	1.02576	0.0873985	1.29397	1.29397	0.196588	0.829888	-1.20498	0.958032	1.00721	1.00721	3.42709	1.01234	0.262572	1
cg13161901	0.00655306	1.59369	1.59369	9.47E-05	2.50378	2.50378	0.00167155	1.8097	1.8097	0.299604	1.15242	1.15242	11.6077	3.20148	0.245161	1
cg06823108	0.0132327	0.288999	-3.46021	0.00295055	0.192032	-5.20746	0.960848	1.02004	1.02004	0.0475952	0.400149	-2.49907	6.24808	16.1719	2.30071	1
cg02050426	0.935827	0.987822	-1.01233	0.0568725	1.38809	1.38809	0.00742893	1.68987	1.68987	0.38857	1.14392	1.14392	6.09396	2.23469	0.32596	1
cg00095259	0.800495	1.10382	1.10382	0.192071	1.71372	1.71372	0.0245335	2.84325	2.84325	0.468513	0.749974	-1.33338	4.06986	9.80883	2.14232	1
cg25423077	0.502182	0.788395	-1.2684	0.000886827	5.68941	5.68941	0.0630067	2.07527	2.07527	0.86927	0.944119	-1.05919	3.97713	7.67616	1.71562	1
cg10329468	0.0173433	1.58977	1.58977	1.06E-05	0.222023	-4.50404	0.0865352	1.35378	1.35378	0.00362831	0.532741	-1.87708	40.3017	16.3373	0.360334	1
cg18376773	0.00121417	1.924	1.924	0.00464489	0.594394	-1.68239	0.0016271	1.86606	1.86606	0.00312341	0.572123	-1.74788	23.9252	7.23392	0.26876	1
cg08999070	0.108167	0.843316	-1.18579	0.00146918	0.63991	-1.56272	0.202633	0.87741	-1.13972	0.22185	0.882638	-1.13297	20.7072	3.10031	0.133086	1
cg16284742	0.889716	1.02485	1.02485	2.14E-06	0.127649	-7.83399	0.862416	0.969778	-1.03116	0.378458	1.17336	1.17336	20.133	9.98071	0.440657	1
cg00671489	0.419775	1.22883	1.22883	0.0030338	2.76047	2.76047	0.00412706	2.61568	2.61568	0.00155173	3.11893	3.11893	11.6715	11.5507	0.87969	1
cg07869907	0.722091	1.10175	1.10175	0.10609	1.6143	1.6143	0.0461027	1.85916	1.85916	0.289022	0.741831	-1.34802	10.8479	12.6489	1.03647	1
cg07612821	0.0360859	1.89137	1.89137	0.00182985	0.314245	-3.18223	0.847338	1.05168	1.05168	0.925958	0.975992	-1.0246	8.34273	9.031	0.962222	1
cg08736034	0.0077423	1.72276	1.72276	0.001563	0.485421	-2.06007	0.459874	1.12711	1.12711	0.689702	0.938175	-1.0659	8.06312	3.22916	0.355987	1
cg16565696	0.555212	1.21865	1.21865	0.00169889	0.226397	-4.41703	0.934834	0.973266	-1.02747	0.00367525	0.272171	-3.67416	7.14914	11.0515	1.54585	1
cg07296387	0.0401931	0.469019	-2.13211	0.00439672	0.29686	-3.36859	0.697022	0.882535	-1.1331	0.016832	0.393961	-2.53832	6.19153	10.0018	1.43591	1
cg17412248	0.0791839	3.36296	3.36296	0.130086	0.361485	-2.76637	0.00223149	14.3675	14.3675	0.603475	1.38555	1.38555	6.1529	37.7384	5.45194	1
cg25123102	0.035171	7.05799	7.05799	0.00146324	38.831	38.831	0.00171975	35.2689	35.2689	0.0259685	8.20704	8.20704	5.70515	57.3128	8.92961	1
cg12589798	0.147954	0.656464	-1.52331	0.0142212	0.440387	-2.27073	0.47359	0.820661	-1.21853	0.0763353	0.585853	-1.70691	4.94095	5.75405	1.03517	1
cg15184495	0.20541	1.36657	1.36657	0.00423406	2.44746	2.44746	0.00554426	2.34417	2.34417	0.739378	1.08117	1.08117	4.81081	4.16373	0.769329	1
cg17771031	0.0718257	0.280332	-3.56719	0.000551633	0.0335834	-29.7766	0.0797405	0.292156	-3.42283	0.0940483	0.311934	-3.20581	4.54953	28.8517	5.63707	1
cg04640913	0.0145784	2.08024	2.08024	0.0190191	1.99624	1.99624	0.0104343	2.19256	2.19256	0.510579	1.17643	1.17643	4.26792	4.00698	0.834542	1
cg07676002	0.00909435	4.70501	4.70501	0.00622518	5.29248	5.29248	0.00166546	8.17852	8.17852	0.00880485	4.75198	4.75198	6.83096	23.6199	3.07358	1
cg24101578	0.0203721	3.96087	3.96087	0.000564171	13.8936	13.8936	0.00504873	6.2067	6.2067	0.0230501	3.81197	3.81197	6.14782	23.6027	3.41261	1
cg23284338	0.00359469	0.734925	-1.36068	1.50E-08	0.179159	-5.58165	0.00704006	0.761745	-1.31278	6.38E-08	0.23926	-4.17955	318.705	30.8024	0.0859097	1
cg24980638	0.756057	0.955313	-1.04678	0.0113784	0.628281	-1.59165	0.00381024	0.564158	-1.77255	0.00166586	0.516968	-1.93436	32.0325	10.9182	0.302975	1
cg22877524	0.00267208	0.51707	-1.93397	4.19E-05	0.289714	-3.45168	0.14178	1.28521	1.28521	0.000486422	0.419594	-2.38326	17.5768	7.02353	0.355191	1
ch.10.1529706F	0.00513661	0.429801	-2.32666	6.09E-05	0.184323	-5.42526	0.0163443	0.511391	-1.95545	0.0796257	0.641178	-1.55963	17.0892	14.1262	0.734771	1
cg05864024	0.0226353	0.488413	-2.04745	2.34E-05	0.108796	-9.19153	0.0188465	2.11056	2.11056	0.0681203	0.584876	-1.70976	13.9093	15.1859	0.970473	1
cg10505163	0.412686	0.680792	-1.46888	0.000421715	0.0769035	-13.0033	0.663684	1.22245	1.22245	0.454621	0.704928	-1.41858	12.2113	40.7616	2.96712	1
cg03028769	0.185726	0.830245	-1.20446	0.269718	1.1646	1.1646	0.00871596	0.642028	-1.55756	0.30412	0.868398	-1.15155	11.9057	3.31448	0.247462	1
cg17019070	0.737068	1.13379	1.13379	0.00034508	0.116945	-8.55102	0.036125	0.403286	-2.47963	0.260392	0.645689	-1.54873	10.6986	23.5279	1.95481	1
cg00613914	0.418449	0.790492	-1.26503	0.00382402	0.329948	-3.03078	0.715008	0.900975	-1.10991	0.216682	0.69098	-1.44722	7.09744	9.08891	1.1383	1
cg26134646	0.482766	0.581073	-1.72096	0.000986198	0.0240673	-41.5501	0.834934	0.853167	-1.1721	0.363353	0.491171	-2.03595	6.08136	55.7853	8.15391	1
cg17485681	0.0253654	4.43659	4.43659	0.0010054	15.4366	15.4366	0.00628474	7.3559	7.3559	0.132637	2.48336	2.48336	5.41286	26.9395	4.42395	1
cg19906973	0.291481	0.846202	-1.18175	0.00338786	1.83647	1.83647	0.683391	0.939357	-1.06456	0.0102751	0.610505	-1.63799	3.79622	1.39946	0.327686	1
cg07658681	0.105323	0.320135	-3.12369	0.00264163	0.0686946	-14.5572	0.0843723	0.29262	-3.4174	0.190684	0.409872	-2.43979	3.73883	24.5331	5.83264	1
cg02851751	0.67335	1.06793	1.06793	0.0978798	1.3251	1.3251	0.419484	0.879969	-1.1364	0.784752	1.04335	1.04335	3.73874	1.42291	0.338297	1
cg09229668	0.0498436	1.67157	1.67157	0.00280876	2.57408	2.57408	0.0118207	2.05842	2.05842	0.22746	1.33775	1.33775	3.60802	3.01409	0.742565	1
cg24772501	0.821529	0.982796	-1.01751	0.010044	1.28347	1.28347	0.681706	0.968823	-1.03218	0.21824	1.10459	1.10459	3.54389	0.331108	0.0830495	1
cg04083751	0.0165691	1.48353	1.48353	0.000570738	0.487243	-2.05236	0.66278	1.06092	1.06092	0.632982	0.937221	-1.06698	10.2775	2.95624	0.255682	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13954090	CDH23;C10orf54	0.00214712	0.00460661	0.574014	-1.74212	0.410484	0.883465	-1.13191	0.00998921	0.619485	-1.61424	0.707395	0.946002	-1.05708	0.0160114	0.64787	-1.54352	0.0175412	1.53038	1.53038	0.0149431	0.643677	-1.55357	0.0495914	0.719081	-1.39066	0.00178243	1.92454	1.92454	9.44424	3.24157	0.305096	1
cg19227382	CDH23;C10orf54	0.00262814	0.533738	0.853802	-1.17123	0.799489	1.06591	1.06591	0.0369395	0.544625	-1.83613	0.564174	0.86399	-1.15742	4.03E-05	0.139963	-7.14476	0.349319	0.785364	-1.27329	0.0560623	1.7206	1.7206	0.859687	0.956598	-1.04537	0.428643	0.816575	-1.22463	8.89998	8.86433	0.885328	1
cg12568633	CDH23;C10orf54	0.0121112	0.728411	0.952484	-1.04989	0.314686	1.15627	1.15627	0.772577	0.960339	-1.0413	0.300085	1.1618	1.1618	0.108672	0.783207	-1.2768	0.0111502	1.55936	1.55936	0.000756256	0.490078	-2.04049	0.286506	0.856784	-1.16715	0.847584	0.973486	-1.02724	5.55683	1.71642	0.274565	1
cg17411913	CDH23;C10orf54	0.0203172	0.132669	0.789469	-1.26667	0.0450137	0.71523	-1.39815	0.00748849	0.605566	-1.65135	0.0864843	1.31773	1.31773	0.0619704	0.736225	-1.35828	0.036591	1.42463	1.42463	0.832919	1.03126	1.03126	0.20188	1.21694	1.21694	0.476951	1.11111	1.11111	4.67946	1.57328	0.298853	1
cg09810750	CDH23;C10orf54	0.0242215	0.070915	1.5193	1.5193	0.235945	1.29361	1.29361	0.907023	1.02451	1.02451	0.187958	1.33537	1.33537	0.797462	1.05475	1.05475	0.00045245	3.14528	3.14528	0.416787	0.841964	-1.1877	0.894658	0.972913	-1.02784	0.698768	1.08394	1.08394	4.40535	2.99777	0.604874	1
cg09895190	CDH23;C10orf54	0.0268137	0.811426	1.03293	1.03293	0.767359	1.04103	1.04103	0.911854	0.985101	-1.01512	0.312731	1.15206	1.15206	0.00371572	1.70115	1.70115	0.11888	1.25791	1.25791	0.00211813	1.79615	1.79615	0.604182	0.931563	-1.07346	0.736811	0.955306	-1.04678	4.25198	1.23742	0.258687	1
cg14916175	CDH23;C10orf54	0.0370325	0.973756	0.990119	-1.00998	0.0904968	1.75601	1.75601	0.308134	0.727289	-1.37497	0.896295	1.04015	1.04015	0.141622	0.620594	-1.61136	0.53304	0.826471	-1.20996	0.00217597	0.273013	-3.66283	0.202392	1.50121	1.50121	0.111183	0.592258	-1.68845	3.78865	5.46769	1.28282	1
cg08840836	CDH23;C10orf54	0.0405394	0.293465	0.761359	-1.31344	0.504027	0.843967	-1.18488	0.885301	1.03677	1.03677	0.640875	1.12473	1.12473	0.0681696	1.66694	1.66694	0.00885831	2.30146	2.30146	0.344184	0.783658	-1.27607	0.109416	1.54758	1.54758	0.0101911	2.2492	2.2492	3.66499	3.63342	0.881232	1
cg14522427	CDH23;C10orf54	0.0466384	0.490722	0.830666	-1.20385	0.52412	1.1866	1.1866	0.232605	0.717665	-1.39341	0.0462798	0.546024	-1.83142	0.151563	0.665492	-1.50265	0.0184756	2.13261	2.13261	0.035582	0.522887	-1.91246	0.563818	0.856713	-1.16725	0.129915	1.54277	1.54277	3.47852	3.86985	0.988889	1
cg09501025	CDH23;CDH23	0.000358224	0.0121755	0.476495	-2.09866	0.881477	1.03603	1.03603	0.0528904	0.593315	-1.68544	0.0356625	0.559828	-1.78626	1.64E-05	0.121834	-8.20791	0.00715924	0.438705	-2.27944	0.0135388	0.48429	-2.06488	7.31E-05	0.180549	-5.53867	0.225102	0.739116	-1.35297	15.6689	13.9705	0.792536	1
cg04005943	CDH23;CDH23	0.000807735	0.000152566	0.0886161	-11.2846	0.0703446	0.470111	-2.12716	0.014284	0.323858	-3.08777	0.00313035	0.22148	-4.51509	0.000410273	0.123236	-8.11449	0.0237883	0.365404	-2.7367	0.141149	0.554036	-1.80494	0.00910721	0.29044	-3.44305	0.000192261	0.0960107	-10.4155	12.4982	27.5601	1.96011	1
cg09728120	CDH23;CDH23	0.00170782	0.0015619	0.469536	-2.12976	0.0169198	0.615972	-1.62345	0.543277	1.10775	1.10775	0.064402	0.707814	-1.4128	0.000139725	0.33487	-2.98623	0.819115	0.962619	-1.03883	0.11094	1.33488	1.33488	0.013946	0.603449	-1.65714	0.0112452	0.58967	-1.69586	10.0944	4.42239	0.389427	1
cg27017382	CDH23;CDH23	0.00511637	0.0731633	0.668292	-1.49635	0.0918619	0.687777	-1.45396	0.000399261	0.321001	-3.11526	0.697718	0.924299	-1.0819	0.190593	0.756135	-1.32251	0.130037	0.719049	-1.39073	0.993795	0.998433	-1.00157	0.711588	1.07778	1.07778	0.000520581	0.335766	-2.97826	7.2872	4.69469	0.572657	1
cg07835953	CDH23;CDH23	0.00624413	0.0126027	0.631953	-1.5824	0.484577	0.900248	-1.11081	0.00142745	0.505344	-1.97885	0.116172	0.776779	-1.28737	0.00144707	0.506115	-1.97584	0.241002	1.19913	1.19913	0.367621	1.14674	1.14674	0.0214165	0.664347	-1.50524	0.858494	0.973942	-1.02675	6.85414	2.37609	0.308147	1
cg14150687	CDH23;CDH23	0.00843858	0.00605463	0.358857	-2.78663	0.130944	0.627359	-1.59398	0.00902012	0.387114	-2.58322	0.240286	1.42117	1.42117	0.000760503	0.232546	-4.30022	0.815337	1.06917	1.06917	0.623253	1.15206	1.15206	0.155871	0.647882	-1.54349	0.0969546	0.594028	-1.68342	6.23829	8.07469	1.15056	1
cg09427295	CDH23;CDH23	0.00999894	0.0179748	0.586719	-1.70439	0.0561185	0.669494	-1.49367	0.0147281	0.573065	-1.745	0.137612	0.743376	-1.34521	0.0598042	0.67442	-1.48275	0.0171663	0.583546	-1.71366	0.00036549	0.34682	-2.88334	0.273547	0.809507	-1.23532	0.0515795	0.663021	-1.50825	5.91082	3.22013	0.484254	1
cg18645316	CDH23;CDH23	0.0112453	0.957544	1.0107	1.0107	0.0459581	0.626843	-1.5953	0.000808851	0.339078	-2.94917	0.946312	1.01355	1.01355	0.0634555	1.52931	1.52931	0.424375	0.849108	-1.17771	0.0169712	0.548468	-1.82326	0.130405	1.39149	1.39149	0.648756	0.912342	-1.09608	6.448	3.99268	0.48161	1
cg11322509	CDH23;CDH23	0.0138534	0.144041	1.22085	1.22085	0.439798	1.10536	1.10536	0.261881	1.16038	1.16038	0.897332	1.01655	1.01655	0.87203	0.979713	-1.02071	0.202075	1.18679	1.18679	0.000317497	0.476438	-2.09891	0.595585	0.934161	-1.07048	0.886781	0.98205	-1.01828	5.31825	1.36156	0.22757	1
cg04457572	CDH23;CDH23	0.0222299	0.0115182	0.432942	-2.30978	0.664708	0.890904	-1.12246	0.0487177	0.55082	-1.81548	0.0345593	0.520547	-1.92106	0.00151974	0.298328	-3.35202	0.935292	1.02174	1.02174	0.397556	0.794956	-1.25793	0.998932	0.999646	-1.00035	0.0348758	0.52133	-1.91817	4.53772	5.04318	0.987904	1
cg15077792	CDH23;CDH23	0.0250688	0.0387502	0.271218	-3.68707	0.0544694	0.304362	-3.28556	0.0103294	0.171787	-5.82117	0.0313186	0.252308	-3.96342	0.0361695	0.264954	-3.77424	0.141257	0.42209	-2.36916	0.0184253	0.210383	-4.75323	0.00587577	0.140097	-7.13792	0.0295418	0.247343	-4.04297	4.35307	20.4916	4.18435	1
cg00462411	CDH23;CDH23	0.0324233	0.753219	1.13004	1.13004	0.782901	0.898467	-1.11301	0.0764361	0.4658	-2.14685	0.119152	1.92622	1.92622	0.00104146	0.152322	-6.56506	0.54411	1.2687	1.2687	0.964572	1.01728	1.01728	0.654129	0.839618	-1.19102	0.300353	0.659678	-1.51589	3.97512	9.45943	2.11525	1
cg09796583	CDH23;CDH23	0.0373947	0.778869	0.956624	-1.04534	0.168807	1.25982	1.25982	0.0591271	1.39889	1.39889	0.00975493	1.67341	1.67341	0.614004	1.08341	1.08341	0.501761	1.11338	1.11338	0.112402	1.31293	1.31293	0.0273813	1.50852	1.50852	0.00402147	1.83816	1.83816	3.77522	1.48373	0.34935	1
cg05523505	CDH23;CDH23	0.049444	0.325748	0.76592	-1.30562	0.0578237	0.569106	-1.75714	0.11317	0.635653	-1.57319	0.642777	1.13061	1.13061	0.437188	1.23159	1.23159	0.122973	0.644556	-1.55146	0.00623144	2.5525	2.5525	0.370605	0.785342	-1.27333	0.386744	0.792009	-1.26261	3.40255	3.72232	0.972425	1
cg23946709	CDH24;CDH24	0.0117321	0.129221	0.83302	-1.20045	0.511627	1.077	1.077	0.00917371	1.44589	1.44589	0.176738	1.17355	1.17355	0.0839524	1.23753	1.23753	0.00778448	1.46345	1.46345	0.0100592	0.69628	-1.4362	0.0851429	1.23631	1.23631	0.229161	1.151	1.151	5.61444	1.10436	0.174844	1
cg10290767	CDH24;CDH24	0.011933	0.0742846	0.724978	-1.37935	0.167817	0.788422	-1.26836	0.190508	0.799173	-1.25129	0.556143	1.10105	1.10105	0.207359	0.806531	-1.23988	0.005937	0.558864	-1.78934	0.000353658	0.395385	-2.52918	0.751671	0.949959	-1.05268	0.422651	0.875951	-1.14162	5.58363	2.31256	0.368149	1
cg07430085	CDH24;CDH24	0.03157	0.972124	1.0057	1.0057	0.0107391	0.593827	-1.68399	0.798207	1.04253	1.04253	0.258981	0.82575	-1.21102	0.0621102	0.710732	-1.407	0.22187	1.23212	1.23212	0.00744746	1.75117	1.75117	0.92735	0.985283	-1.01494	0.280106	0.833155	-1.20026	4.01325	1.67996	0.372093	1
cg25820524	CDH24;CDH24	0.0317942	0.483427	0.876696	-1.14065	0.252762	1.24697	1.24697	0.571434	0.899721	-1.11146	0.27446	0.810502	-1.2338	0.00353568	0.481617	-2.07634	0.378526	1.18168	1.18168	0.0253534	1.63416	1.63416	0.0973043	1.39962	1.39962	0.779463	0.949454	-1.05324	4.00311	2.16444	0.480613	1
cg13331741	CDH26	0.0137686	0.784427	1.03691	1.03691	0.0434387	0.735661	-1.35932	0.138575	0.809966	-1.23462	0.739928	1.04502	1.04502	0.425564	1.11355	1.11355	0.262171	0.856805	-1.16713	0.000449864	2.07795	2.07795	0.88326	1.01961	1.01961	0.876542	1.02076	1.02076	5.32898	1.47468	0.245981	1
cg16518142	CDH26;CDH26	0.000697117	3.13E-05	0.351011	-2.84891	0.934253	1.0107	1.0107	0.00914682	0.652491	-1.53259	0.974505	1.00413	1.00413	0.00205236	0.571116	-1.75096	0.00851636	0.64855	-1.5419	0.0257876	0.710749	-1.40697	0.715607	1.04832	1.04832	0.00116961	0.540895	-1.84879	13.026	3.43142	0.234159	1
cg01166219	CDH26;CDH26	0.000779772	0.428303	0.850161	-1.17625	0.71284	1.07703	1.07703	0.174682	1.33616	1.33616	0.167531	0.744296	-1.34355	3.06E-05	0.19494	-5.12979	0.424424	0.848951	-1.17792	0.000244064	0.296052	-3.37779	0.096839	0.693597	-1.44176	0.0452953	0.630667	-1.58562	12.6227	8.05571	0.567282	1
cg24607535	CDH26;CDH26	0.0435323	0.063717	0.525713	-1.90218	0.596072	1.17942	1.17942	?	?	?	0.184867	0.648046	-1.5431	0.0105733	0.370831	-2.69664	0.03471	0.467932	-2.13706	0.0204235	0.422349	-2.36771	0.292021	0.71373	-1.40109	0.0418571	0.485043	-2.06167	3.62428	4.85524	1.33964	1
cg10677324	CDH29	0.00137639	0.00283076	0.222187	-4.50072	0.310575	1.46798	1.46798	0.058848	0.458066	-2.18309	0.000650757	0.147664	-6.77212	0.000308445	0.117319	-8.52377	0.127753	0.547442	-1.82668	0.000560585	0.141221	-7.08112	0.115604	0.534815	-1.86981	0.135035	0.554614	-1.80306	10.7418	22.7749	1.88463	1
cg00514486	CDH29	0.00382141	0.0223773	0.394079	-2.53756	0.00469871	0.278452	-3.59128	0.00122036	0.199813	-5.00468	0.0118259	0.343154	-2.91415	0.00211554	0.229817	-4.35128	0.0130769	0.350817	-2.85049	0.00469275	0.278369	-3.59235	0.00775787	0.312388	-3.20115	0.0114076	0.34044	-2.93737	7.96121	14.6005	1.63018	1
cg00040708	CDH29	0.00529378	0.00230082	0.29624	-3.37564	0.0171928	0.436454	-2.29119	0.00274595	0.307202	-3.25518	0.613908	0.864785	-1.15636	0.0126623	0.41272	-2.42295	0.0101935	0.396472	-2.52225	0.00221538	0.293925	-3.40222	0.00774883	0.376574	-2.65552	0.0960695	0.593383	-1.68525	7.21158	9.3143	1.14807	1
cg21448613	CDH29	0.0327326	0.0114099	0.594438	-1.68226	0.129884	1.30835	1.30835	0.112312	0.752768	-1.32843	0.751285	0.949107	-1.05362	0.606709	0.918238	-1.08904	0.919296	0.98349	-1.01679	0.00670638	1.78177	1.78177	0.223346	1.23389	1.23389	0.780874	0.955223	-1.04688	3.96161	1.69312	0.379894	1
cg09313439	CDH2;CDH2	0.0361339	0.514342	0.917313	-1.09014	0.104721	1.2604	1.2604	0.018629	1.45103	1.45103	0.127464	0.806451	-1.24	0.199159	0.837723	-1.19371	0.606614	0.934456	-1.07014	0.0404331	1.36196	1.36196	0.0194539	1.44584	1.44584	0.227345	1.17988	1.17988	3.82267	1.03133	0.239815	1
cg01738524	CDH3	3.88E-05	0.00201697	0.531607	-1.88109	0.0126122	1.56812	1.56812	9.95E-05	0.367258	-2.72288	0.00219474	0.536383	-1.86434	6.22E-06	0.231001	-4.32898	0.00270533	0.54825	-1.82398	5.46E-05	0.336122	-2.97511	0.836374	0.970448	-1.03045	0.00023227	0.412308	-2.42537	28.4571	9.48222	0.296188	1
cg07692529	CDH3	0.000206841	0.523851	1.16642	1.16642	0.00661183	0.431629	-2.31681	0.0119274	0.47345	-2.11215	0.53541	1.16133	1.16133	7.43E-06	0.095237	-10.5001	0.000208807	0.227964	-4.38665	0.271908	1.3133	1.3133	0.481406	1.18594	1.18594	0.105021	0.655649	-1.52521	18.2043	16.3731	0.799475	1
cg01142596	CDH3	0.00342897	0.0026703	0.558097	-1.7918	0.00145768	0.524324	-1.90722	0.149344	1.2425	1.2425	0.0382359	1.40114	1.40114	0.582084	0.92491	-1.08119	0.0107587	1.56836	1.56836	0.120452	1.26686	1.26686	0.181265	0.81929	-1.22057	0.422107	1.12205	1.12205	8.22409	2.56887	0.277652	1
cg19034028	CDH3	0.00510737	0.235908	1.2779	1.2779	0.000726723	2.75805	2.75805	0.0345233	1.62694	1.62694	0.778441	0.945836	-1.05727	0.0345169	1.62697	1.62697	0.0084126	1.94343	1.94343	0.000656183	2.8033	2.8033	0.0665697	1.50101	1.50101	0.135055	1.37445	1.37445	7.29112	4.50082	0.548713	1
cg09960794	CDH3	0.00667407	0.000717919	0.57798	-1.73016	0.0173835	0.734633	-1.36122	0.208209	0.868245	-1.15175	0.497413	0.929271	-1.07611	0.257546	1.13407	1.13407	0.939985	0.992015	-1.00805	0.0296679	1.31332	1.31332	0.0290534	0.76037	-1.31515	0.146206	1.18068	1.18068	6.71404	1.2056	0.159613	1
cg05726668	CDH3	0.0150267	0.165574	0.78679	-1.27099	0.0842554	1.36303	1.36303	0.13481	0.769962	-1.29877	0.633926	1.0809	1.0809	0.0163123	1.60991	1.60991	0.329204	0.849351	-1.17737	0.00157158	2.0882	2.0882	0.777111	1.04709	1.04709	0.220782	0.811618	-1.23211	5.17766	2.15601	0.370139	1
cg05376601	CDH3	0.0156977	0.0210338	0.731712	-1.36666	0.846008	1.02212	1.02212	0.130378	1.20185	1.20185	0.3658	0.90071	-1.11024	0.118606	0.826408	-1.21006	0.324546	0.891813	-1.12131	0.00166864	1.65867	1.65867	0.0849612	1.23909	1.23909	0.956799	1.00612	1.00612	5.10323	1.02372	0.178313	1
cg04985273	CDH3	0.0159123	0.305868	1.15091	1.15091	0.654247	0.941984	-1.06159	0.0301455	0.713167	-1.4022	0.435588	1.11122	1.11122	0.518147	1.09074	1.09074	0.31487	1.14773	1.14773	0.0030064	1.71495	1.71495	0.469329	0.907014	-1.10252	0.00790669	0.636586	-1.57088	5.08027	1.41421	0.247443	1
cg19227053	CDH4	6.14E-05	0.328203	0.870796	-1.14837	0.0018468	1.83316	1.83316	0.00446412	0.594601	-1.6818	0.874668	0.978594	-1.02187	1.01E-06	0.172113	-5.81012	0.631605	0.935923	-1.06846	0.26813	1.17131	1.17131	0.29765	0.862426	-1.15952	0.13615	0.802412	-1.24624	25.2169	7.5051	0.264553	1
cg02335185	CDH4	0.000178463	0.617952	0.922127	-1.08445	0.485525	1.12105	1.12105	0.600677	0.918371	-1.08888	0.507673	1.11445	1.11445	0.0156915	0.620346	-1.612	0.00235428	1.98219	1.98219	0.00288945	1.93578	1.93578	0.203406	1.24167	1.24167	7.31E-06	0.20307	-4.92442	18.9469	7.80078	0.365972	1
cg20818253	CDH4	0.000251765	0.493984	1.14297	1.14297	0.584907	0.899316	-1.11196	6.04E-05	0.240291	-4.16163	0.000184947	0.296692	-3.37049	0.000120075	0.274338	-3.64514	0.390501	1.18445	1.18445	0.0864806	1.43955	1.43955	0.348978	1.20382	1.20382	0.0546808	0.657499	-1.52091	17.2569	10.1162	0.521079	1
cg15656087	CDH4	0.000333112	0.000547736	0.192882	-5.18451	0.000234659	0.154212	-6.48458	0.0320002	0.462956	-2.16003	0.406157	0.77068	-1.29756	0.000102121	0.121369	-8.23936	7.24E-05	0.109218	-9.15602	0.00680564	0.341382	-2.92927	0.218407	0.672464	-1.48707	0.00743966	0.347652	-2.87644	15.9848	23.785	1.32264	1
cg01526189	CDH4	0.000387345	7.55E-06	0.201408	-4.96505	0.0199125	0.632934	-1.57994	0.712723	0.941582	-1.06204	0.857425	1.0297	1.0297	0.790748	0.957639	-1.04424	0.464721	1.12875	1.12875	0.00628556	1.78494	1.78494	0.134767	0.769171	-1.3001	0.0585939	0.706273	-1.41588	15.3355	6.43442	0.372958	1
cg06042550	CDH4	0.000408197	2.44E-05	0.211621	-4.72543	0.000240928	0.325263	-3.07443	0.774915	0.948379	-1.05443	0.0154268	0.577254	-1.73234	0.120518	0.732489	-1.36521	0.528696	1.12524	1.12524	0.0316474	0.62766	-1.59322	0.457742	0.869539	-1.15004	0.000441074	0.358458	-2.78973	15.1154	8.18138	0.481121	1
cg25110932	CDH4	0.000576591	0.20502	0.790708	-1.26469	0.41419	0.863656	-1.15787	5.26E-05	0.26536	-3.76846	0.805705	1.04423	1.04423	0.000304076	0.356771	-2.80292	0.160562	1.30112	1.30112	0.00478539	1.93011	1.93011	0.953134	1.01037	1.01037	0.809107	0.958389	-1.04342	13.7354	6.70836	0.434133	1
cg09713750	CDH4	0.00063115	0.000537805	0.205446	-4.86746	0.706302	0.894695	-1.1177	0.00973084	0.382449	-2.61473	0.00925336	0.378762	-2.64018	4.49E-05	0.103256	-9.6847	0.000551656	0.206718	-4.83751	0.0140416	0.4101	-2.43843	0.227746	0.689243	-1.45087	0.00452278	0.328884	-3.04058	13.3933	18.3265	1.2163	1
cg12243633	CDH4	0.00135549	0.00122746	0.541002	-1.84842	0.301497	1.14924	1.14924	0.827931	0.972112	-1.02869	0.160201	0.822868	-1.21526	5.63E-05	0.378192	-2.64416	0.354283	0.88353	-1.13182	0.0413421	1.35766	1.35766	0.0713909	0.769788	-1.29906	0.934386	0.989358	-1.01076	10.7891	2.88497	0.237687	1
cg18519834	CDH4	0.001602	0.0115496	0.629893	-1.58757	0.00374468	0.563957	-1.77318	0.227971	0.830949	-1.20344	0.0693682	0.742829	-1.3462	0.000114005	0.371151	-2.69432	0.733884	0.95129	-1.0512	0.12245	1.27755	1.27755	0.160358	0.802939	-1.24542	0.00105933	0.492389	-2.03091	10.2827	3.48755	0.301481	1
cg10965434	CDH4	0.00190026	0.856646	1.04043	1.04043	0.0137305	0.51286	-1.94985	0.310975	0.794741	-1.25827	0.0357211	0.585303	-1.70852	0.000290592	0.273899	-3.65099	0.255417	0.770889	-1.2972	0.00317804	2.41821	2.41821	0.0536618	1.61642	1.61642	0.0364802	0.586984	-1.70362	9.78653	7.44459	0.676176	1
cg03352168	CDH4	0.00334104	0.0426728	0.530409	-1.88534	0.00384838	0.346992	-2.88191	0.292746	0.743332	-1.34529	0.017889	0.457452	-2.18602	0.000199373	0.183139	-5.46032	0.487127	0.825426	-1.2115	0.00261027	0.322076	-3.10485	0.00720071	0.389611	-2.56666	0.0849966	0.595976	-1.67792	8.28816	9.69338	1.0396	1
cg22255095	CDH4	0.00406691	0.494169	0.878063	-1.13887	0.0011812	2.43765	2.43765	0.643807	0.916487	-1.09112	0.319392	1.21255	1.21255	0.0055285	0.505136	-1.97967	0.0246226	1.65083	1.65083	0.00429304	2.04485	2.04485	0.409657	0.85391	-1.17108	0.320556	0.825117	-1.21195	7.81331	4.34091	0.493849	1
cg04183602	CDH4	0.00426779	0.308044	0.90847	-1.10075	0.0018713	0.669421	-1.49383	0.0202468	0.775139	-1.29009	0.591422	0.951896	-1.05053	0.977972	0.997491	-1.00252	0.0186335	0.771443	-1.29627	0.00426868	1.416	1.416	0.255421	0.897607	-1.11407	0.00396422	0.702928	-1.42262	7.70033	1.00951	0.116533	1
cg08093619	CDH4	0.00433329	0.0697876	0.75761	-1.31994	0.935904	0.98905	-1.01107	0.000736019	0.495558	-2.01793	0.549604	0.920463	-1.08641	0.335881	1.1455	1.1455	0.0100309	1.56037	1.56037	0.0070106	1.61169	1.61169	0.0800425	0.766539	-1.30456	0.49462	0.909427	-1.09959	7.66492	2.27492	0.263819	1
cg06502570	CDH4	0.00481554	0.0781156	1.27234	1.27234	0.209235	0.849707	-1.17688	0.00206079	0.586202	-1.7059	0.156089	0.829681	-1.20528	0.146716	0.825585	-1.21126	0.145046	0.824833	-1.21237	0.00662761	1.54287	1.54287	0.151814	1.20796	1.20796	0.00622483	0.644796	-1.55088	7.4232	1.78014	0.213162	1
cg07201996	CDH4	0.00506874	0.124256	0.662858	-1.50862	0.0158747	2.07461	2.07461	0.418617	1.22651	1.22651	0.196541	0.713665	-1.40122	0.000420923	0.251383	-3.97799	0.255504	0.745827	-1.34079	0.0962414	1.57024	1.57024	0.254443	1.34175	1.34175	0.0378991	0.551738	-1.81245	7.30806	7.06392	0.859194	1
cg00111102	CDH4	0.00700761	0.00246493	0.232119	-4.30814	0.400953	0.742138	-1.34746	0.0376279	0.433201	-2.3084	0.614503	1.19263	1.19263	0.000434075	0.145184	-6.88779	0.459292	0.769997	-1.29871	0.0269078	0.402886	-2.48209	0.465147	0.77271	-1.29415	0.019975	0.377536	-2.64875	6.61288	12.6021	1.69394	1
cg18819889	CDH4	0.00717898	0.0221774	0.688498	-1.45244	0.04455	1.36885	1.36885	0.217365	1.19321	1.19321	0.906918	0.984205	-1.01605	0.0431426	1.37257	1.37257	0.0855535	0.772072	-1.29522	0.639339	1.06635	1.06635	0.29844	0.863554	-1.15801	0.000750539	0.498609	-2.00558	6.5632	1.92577	0.260817	1
cg03582787	CDH4	0.0072287	0.197395	0.69036	-1.44852	0.0161212	0.449046	-2.22694	0.926874	1.02528	1.02528	0.246288	0.719125	-1.39058	0.000472948	0.22465	-4.45137	0.349457	0.769575	-1.29942	0.0433381	1.88125	1.88125	0.859898	1.04922	1.04922	0.0112668	0.421781	-2.3709	6.54907	7.67019	1.04106	1
cg06140152	CDH4	0.00762367	0.585454	1.06326	1.06326	0.028019	1.33514	1.33514	0.50697	1.07786	1.07786	0.793225	0.971169	-1.02969	0.917997	0.988597	-1.01153	0.389605	1.10316	1.10316	0.000150685	2.06385	2.06385	0.243105	0.872821	-1.14571	0.338008	0.895841	-1.11627	6.4409	1.26509	0.174591	1
cg01730668	CDH4	0.00819037	0.20151	1.37417	1.37417	0.197053	1.37903	1.37903	0.892638	1.03233	1.03233	0.113236	1.50108	1.50108	0.000367217	0.260656	-3.83647	0.0767272	1.59028	1.59028	0.123821	0.675187	-1.48107	0.473203	0.842048	-1.18758	0.182352	0.716393	-1.39588	6.29734	5.53866	0.7818	1
cg19115393	CDH4	0.00919093	0.0550014	0.663316	-1.50758	0.00905676	0.534832	-1.86975	0.0030305	0.464637	-2.15222	0.117621	0.725694	-1.37799	0.263243	0.802486	-1.24613	0.221395	1.27443	1.27443	0.00697939	0.517708	-1.93159	0.0171615	0.578135	-1.7297	0.190344	1.29907	1.29907	6.07176	3.42279	0.501087	1
cg06707970	CDH4	0.0103275	0.00570177	0.207	-4.83092	0.0423584	0.362126	-2.76147	0.0426193	0.362726	-2.7569	0.0124134	0.258742	-3.86485	0.00791887	0.22774	-4.39097	0.0235966	0.309011	-3.23613	0.870403	0.931522	-1.07351	0.00388671	0.184669	-5.41511	0.00861556	0.233317	-4.28601	5.84994	17.4872	2.65716	1
cg20247326	CDH4	0.010449	0.00570401	0.399754	-2.50154	0.586126	0.870181	-1.14919	0.00657366	0.409531	-2.44182	0.828469	1.05642	1.05642	0.00144136	0.311929	-3.20586	0.200185	0.710153	-1.40815	0.00665406	0.410375	-2.4368	0.245508	0.73548	-1.35966	0.0663654	0.594041	-1.68339	5.82803	5.90504	0.900634	1
cg02685032	CDH4	0.012003	0.904239	1.03594	1.03594	0.0237272	0.452915	-2.20792	0.681915	1.12852	1.12852	0.850318	0.946082	-1.05699	0.00393137	0.320333	-3.12175	0.0283719	2.13653	2.13653	0.41824	1.27466	1.27466	0.872412	0.953942	-1.04828	0.00393365	0.320371	-3.12139	5.57304	7.59741	1.21177	1
cg22666223	CDH4	0.012095	0.330713	1.12071	1.12071	0.772096	0.967562	-1.03353	0.00267	0.624022	-1.60251	0.942795	0.991884	-1.00818	0.289711	0.882691	-1.1329	0.197616	1.16724	1.16724	0.00713988	1.48366	1.48366	0.0567588	0.782824	-1.27743	0.04723	0.772745	-1.29409	5.55926	1.13521	0.181512	1
cg05397033	CDH4	0.0130274	0.584387	0.867172	-1.15317	0.37382	0.790144	-1.26559	0.496234	1.19513	1.19513	0.237225	0.726522	-1.37642	0.000247036	0.209776	-4.767	0.510298	1.18804	1.18804	0.221229	1.39343	1.39343	0.374763	1.26497	1.26497	0.909803	1.02967	1.02967	5.42641	5.72113	0.937166	1
cg27633533	CDH4	0.0161012	0.756146	0.937806	-1.06632	0.0617122	1.54306	1.54306	0.00836292	0.499292	-2.00284	0.14861	1.37624	1.37624	0.00380833	0.447361	-2.23533	0.19666	0.754733	-1.32497	0.286635	0.796059	-1.25619	0.493963	0.866594	-1.15394	0.0290226	0.588325	-1.69974	5.06037	3.40538	0.59818	1
cg16928869	CDH4	0.0163561	0.0606486	0.638268	-1.56674	0.320144	0.804069	-1.24367	0.204291	0.752486	-1.32893	0.0593751	0.636483	-1.57113	0.0303357	0.582498	-1.71674	0.126961	1.41964	1.41964	0.0564761	1.58154	1.58154	0.97938	1.0055	1.0055	0.00251174	0.410284	-2.43734	5.03396	3.59268	0.63439	1
cg02815102	CDH4	0.0178195	0.0302605	0.411239	-2.43167	0.0175517	0.364905	-2.74044	0.0725048	0.497075	-2.01177	0.737539	1.12448	1.12448	0.000898231	0.176623	-5.66178	0.886588	0.951439	-1.05104	0.0613792	0.47941	-2.0859	0.430068	0.755061	-1.3244	0.0443189	0.44675	-2.23839	4.89167	9.42655	1.71294	1
cg18627496	CDH4	0.018634	0.0538986	0.739322	-1.35259	0.0233362	0.687965	-1.45356	0.691761	1.05654	1.05654	0.433856	0.895646	-1.11651	0.103716	0.78227	-1.27833	0.651613	1.06474	1.06474	0.00174444	1.85141	1.85141	0.516192	1.0951	1.0951	0.635661	0.936257	-1.06808	4.81861	1.45352	0.268131	1
cg25895913	CDH4	0.0198407	0.26335	0.596776	-1.67567	0.783101	0.885004	-1.12994	0.0811411	0.424843	-2.35381	0.444232	0.708008	-1.41241	0.00385805	0.178426	-5.60457	0.149267	0.504287	-1.983	0.928289	1.04065	1.04065	0.000945604	0.112757	-8.8686	0.141049	0.496174	-2.01542	4.71736	14.6429	2.75914	1
cg15873474	CDH4	0.0200269	0.279996	1.41959	1.41959	0.0179524	0.407719	-2.45267	0.165088	1.5872	1.5872	0.363238	0.747126	-1.33846	0.000936323	0.214285	-4.66669	0.677948	1.13915	1.13915	0.411135	0.769359	-1.29978	0.974368	1.01007	1.01007	0.30475	0.717793	-1.39316	4.70242	7.24881	1.37023	1
cg22871098	CDH4	0.020184	0.0183084	0.573867	-1.74256	0.24043	1.2692	1.2692	0.420541	0.852476	-1.17305	0.116704	0.718499	-1.39179	0.0895566	0.695555	-1.4377	0.332619	0.823779	-1.21392	0.00805381	1.93164	1.93164	0.610401	0.905142	-1.1048	0.0149995	0.55991	-1.786	4.68994	2.79431	0.529607	1
cg20151899	CDH4	0.0243147	0.00250156	0.285371	-3.50421	0.0103072	0.380933	-2.62514	0.159446	0.638321	-1.56661	0.024797	0.450319	-2.22065	0.0150327	0.409672	-2.44098	0.440363	0.790615	-1.26484	0.559091	0.838291	-1.1929	0.375516	0.762191	-1.31201	0.0348586	0.479856	-2.08396	4.39949	6.21174	1.25504	1
cg00997400	CDH4	0.0268413	0.39249	0.865435	-1.15549	0.266401	0.826098	-1.21051	0.612171	0.919114	-1.088	0.0719249	0.717897	-1.39296	0.00176528	0.479572	-2.08519	0.235692	1.22755	1.22755	0.564148	0.908298	-1.10096	0.020997	0.632497	-1.58103	0.025444	0.645229	-1.54984	4.25044	1.83219	0.383163	1
cg14028653	CDH4	0.0276755	0.201288	0.783889	-1.27569	0.0186191	0.597694	-1.6731	0.194291	0.780552	-1.28114	0.299244	1.21423	1.21423	0.0107032	0.560588	-1.78384	0.477605	0.877856	-1.13914	0.423324	1.15899	1.15899	0.519056	1.12517	1.12517	0.00547632	0.517355	-1.93291	4.205	2.1679	0.458268	1
cg10754505	CDH4	0.0277884	0.36105	1.30998	1.30998	0.00865845	2.61798	2.61798	0.0477381	0.521518	-1.91748	0.680042	0.887582	-1.12666	0.382363	0.772883	-1.29386	0.220432	1.44844	1.44844	0.0420176	1.96169	1.96169	0.0257452	2.14176	2.14176	0.0692998	1.79389	1.79389	4.19898	5.49968	1.16424	1
cg12950753	CDH4	0.0323176	0.785023	1.0777	1.0777	0.157941	1.51158	1.51158	0.452448	0.811007	-1.23304	0.590881	0.861991	-1.16011	0.000882533	0.255632	-3.91188	0.899642	1.03513	1.03513	0.246644	0.717812	-1.39312	0.339232	0.763705	-1.30941	0.0793807	0.586883	-1.70392	3.97978	4.72066	1.05436	1
cg05274680	CDH4	0.0369371	0.0106657	0.126581	-7.9001	0.512718	0.652168	-1.53335	0.482382	0.631474	-1.5836	0.238817	0.451891	-2.21292	0.00361793	0.0792172	-12.6235	0.0491042	0.235443	-4.24731	0.0851299	0.293572	-3.40632	0.05569	0.247594	-4.03887	0.0305408	0.19467	-5.13689	3.79221	24.898	5.83604	1
cg00872151	CDH4	0.0373392	0.377183	0.879406	-1.13713	0.694263	0.945516	-1.05762	0.895192	1.01887	1.01887	0.963976	0.993615	-1.00643	0.200527	0.825516	-1.21136	0.471997	0.90145	-1.10932	0.00204796	1.85185	1.85185	0.220245	0.832946	-1.20056	0.0465552	0.723792	-1.38161	3.77727	1.20315	0.283131	1
cg19054096	CDH4	0.0383163	0.0363391	0.664346	-1.50524	0.074134	1.39718	1.39718	0.478116	1.12886	1.12886	0.784598	0.954997	-1.04712	0.147978	0.770404	-1.29802	0.43354	1.14374	1.14374	0.204368	1.25245	1.25245	0.580608	0.910477	-1.09833	0.00521683	0.538253	-1.85786	3.74177	1.67384	0.397636	1
cg12637057	CDH4	0.0394514	0.503801	0.850817	-1.17534	0.00722829	2.28288	2.28288	0.231812	1.34803	1.34803	0.284188	0.767248	-1.30336	0.0192036	0.509327	-1.96338	0.218649	1.36086	1.36086	0.6537	0.898041	-1.11354	0.226382	1.35323	1.35323	0.253289	0.752669	-1.32861	3.7019	3.32496	0.79838	1
cg03031672	CDH4	0.0441865	0.00203748	0.238336	-4.19575	0.65943	0.863941	-1.15749	0.0930154	0.543678	-1.83932	0.3368	1.38621	1.38621	0.439423	0.771019	-1.29698	0.617999	1.18033	1.18033	0.16018	0.60968	-1.6402	0.587814	0.834883	-1.19777	0.0335296	0.440893	-2.26813	3.54966	6.11361	1.53094	1
cg09044174	CDH4	0.0464005	0.127061	0.704175	-1.4201	0.0119225	1.94824	1.94824	0.286632	0.790433	-1.26513	0.498675	0.864174	-1.15717	0.0514627	0.624231	-1.60197	0.553569	1.13584	1.13584	0.0731538	1.52919	1.52919	0.735537	1.07471	1.07471	0.113477	0.693465	-1.44203	3.48521	2.49347	0.63595	1
cg02625694	CDH4	0.0465846	0.178695	0.708993	-1.41045	0.924081	0.977317	-1.02321	0.226992	0.736886	-1.35706	0.554028	1.15498	1.15498	0.0117068	0.468519	-2.13438	0.366916	1.24997	1.24997	0.442832	1.20726	1.20726	0.75716	0.928058	-1.07752	0.0045435	0.402545	-2.48419	3.48003	3.1936	0.815727	1
cg05515244	CDH5	0.000404826	0.000128172	0.311544	-3.20982	0.175827	1.28665	1.28665	0.0180552	0.604759	-1.65355	0.00418273	0.510727	-1.95799	0.00130345	0.440493	-2.27019	0.0020866	0.468399	-2.13493	8.25E-05	0.288866	-3.46182	0.0266218	0.631229	-1.58421	0.00530053	0.525457	-1.90311	15.15	7.35708	0.431658	1
cg26673975	CDH5	0.000925811	0.785039	0.883406	-1.13198	0.0439421	0.350005	-2.8571	0.000285044	0.0680856	-14.6874	0.000485083	0.0837262	-11.9437	0.000493215	0.0842546	-11.8688	0.804787	1.11883	1.11883	0.00130224	0.119632	-8.35893	0.244835	0.57601	-1.73608	0.0048217	0.183494	-5.44978	12.0262	39.1602	2.89443	1
cg04891040	CDH5	0.00274544	0.545657	1.12556	1.12556	0.172438	1.32426	1.32426	0.277551	1.24408	1.24408	0.324093	0.821227	-1.21769	0.725087	0.933994	-1.07067	0.18394	1.31339	1.31339	0.0736053	1.47071	1.47071	8.27E-05	0.253801	-3.9401	0.0273565	0.60359	-1.65675	8.78596	5.20471	0.526568	1
cg09553452	CDH5	0.00284495	0.929871	0.981161	-1.0192	0.0177647	0.536439	-1.86415	0.317037	0.799724	-1.25043	0.380507	0.823358	-1.21454	7.09E-05	0.208978	-4.78519	0.135791	1.41529	1.41529	0.124967	1.43168	1.43168	0.655002	1.10205	1.10205	0.334685	1.23983	1.23983	8.69388	6.42825	0.657243	1
cg05328057	CDH5	0.0105883	0.00887961	3.88522	3.88522	0.0165445	3.2976	3.2976	0.303207	1.5444	1.5444	0.0064971	4.22791	4.22791	0.0248168	2.97067	2.97067	0.0235148	3.01192	3.01192	0.00362539	4.97494	4.97494	0.00819105	3.97038	3.97038	0.017965	3.22797	3.22797	5.8033	15.2668	2.33841	1
cg08398034	CDH5	0.0107736	0.146834	0.618539	-1.61671	0.00300976	0.285082	-3.50776	0.0343934	0.467053	-2.14108	0.0537302	0.508755	-1.96558	0.00083894	0.212225	-4.71197	0.0088944	0.358058	-2.79285	0.068028	0.532312	-1.8786	0.314106	0.725285	-1.37877	0.106279	0.58031	-1.72322	5.77103	8.7002	1.34006	1
cg05598477	CDH5	0.0136985	0.847503	1.06237	1.06237	0.951764	1.01919	1.01919	0.000662572	0.194312	-5.14636	0.904854	0.96312	-1.03829	0.00955671	0.356541	-2.80473	0.293137	0.709846	-1.40876	0.062693	1.93131	1.93131	0.936129	1.02551	1.02551	0.97243	0.989198	-1.01092	5.33791	8.34858	1.39024	1
cg16609297	CDH5	0.0164514	0.603202	1.13089	1.13089	0.0633859	0.612835	-1.63176	0.00145653	0.34012	-2.94014	0.393427	0.814612	-1.22758	0.0021371	0.363561	-2.75057	0.0701103	0.621927	-1.60791	0.13295	0.683703	-1.46262	0.144343	0.692253	-1.44456	0.440125	0.831387	-1.20281	5.02422	4.37751	0.774472	1
cg05713294	CDH5	0.0203453	0.0128505	0.478144	-2.09142	0.0370872	1.78266	1.78266	0.0461208	0.579401	-1.72592	0.219336	0.734556	-1.36137	0.0246964	0.527955	-1.8941	0.0600598	0.602547	-1.65962	0.453018	1.2003	1.2003	0.0241215	0.526094	-1.9008	0.132907	0.678947	-1.47287	4.67726	4.22511	0.802961	1
cg05086443	CDH5	0.0333184	0.633425	0.906204	-1.1035	0.0901906	0.681958	-1.46637	0.00580202	0.476756	-2.09751	0.37261	0.828916	-1.2064	0.00416553	0.455127	-2.19719	0.193177	0.754066	-1.32614	0.453604	1.1694	1.1694	0.0365154	0.607629	-1.64574	0.182295	0.748138	-1.33665	3.93644	2.61977	0.591571	1
cg08066417	CDH5	0.0490009	0.00485889	0.63456	-1.57589	0.011687	0.68129	-1.4678	0.0898442	0.796334	-1.25576	0.441324	0.908798	-1.10035	0.0486773	0.760136	-1.31555	0.104359	0.80554	-1.2414	0.0550892	0.767283	-1.3033	0.152555	0.82975	-1.20518	0.153404	0.830114	-1.20465	3.41419	0.802189	0.208851	1
cg17256192	CDH6	6.89E-05	0.0546959	0.766949	-1.30387	0.0299271	1.36478	1.36478	0.756714	0.962872	-1.03856	0.0164914	0.699984	-1.4286	1.34E-06	0.22178	-4.50898	0.624414	0.941691	-1.06192	0.00229277	1.68034	1.68034	0.14435	0.826199	-1.21036	0.0453269	0.756132	-1.32252	24.4517	5.74051	0.208684	1
cg05822100	CDH6	0.000137501	0.343859	0.872967	-1.14552	0.36288	1.13917	1.13917	0.000262456	2.30674	2.30674	0.301956	0.861569	-1.16067	0.682921	1.05889	1.05889	1.81E-05	0.295367	-3.38562	0.000162689	0.407984	-2.45107	0.37303	0.880366	-1.13589	0.21427	1.19983	1.19983	20.3277	6.24987	0.273295	1
cg10919204	CDH6	0.0060017	0.15036	0.618732	-1.61621	0.014614	0.392055	-2.55066	0.00320969	0.285786	-3.49912	0.630022	0.859726	-1.16316	0.00192867	0.254937	-3.92254	0.0778965	0.543305	-1.84059	0.00445465	0.306852	-3.2589	0.0581479	1.948	1.948	0.329476	0.730963	-1.36806	6.93855	10.6562	1.36516	1
cg21491163	CDH6	0.0105188	0.267834	0.690261	-1.44873	0.268808	1.44755	1.44755	0.267862	0.690277	-1.44869	0.901842	0.961149	-1.04042	0.000214891	0.137489	-7.27328	0.713003	1.12597	1.12597	0.280774	1.43339	1.43339	0.875501	1.05164	1.05164	0.0713053	0.523663	-1.90963	5.81559	9.49956	1.45197	1
cg09729598	CDH6	0.010714	0.0939502	0.529965	-1.88692	0.0217269	0.386794	-2.58536	0.0231789	0.392262	-2.54931	0.515353	0.796587	-1.25536	0.0754902	0.505499	-1.97824	0.325823	0.70485	-1.41874	0.00829486	0.312374	-3.20129	0.00402707	3.78862	3.78862	0.227382	0.646038	-1.5479	5.78133	10.8836	1.67336	1
cg05634637	CDH6	0.015035	0.0170662	0.219274	-4.56051	0.556169	0.732987	-1.36428	0.0523872	0.316254	-3.16202	0.0393054	0.288137	-3.47057	0.170901	0.46726	-2.14014	0.281735	0.557797	-1.79277	0.000457804	0.0561554	-17.8077	0.144584	0.441429	-2.26537	0.0277717	0.257358	-3.88564	5.1767	22.3256	3.83353	1
cg04132555	CDH6	0.0329055	0.287829	0.804865	-1.24244	0.00191032	2.37443	2.37443	0.941547	1.01453	1.01453	0.382705	1.19255	1.19255	0.60393	0.902173	-1.10843	0.291176	0.806165	-1.24044	0.0295184	0.604015	-1.65559	0.700849	0.926877	-1.07889	0.462977	1.15831	1.15831	3.95412	2.42333	0.544765	1
cg18864739	CDH6	0.0453132	0.337456	0.739424	-1.3524	0.0202331	0.425377	-2.35086	0.303823	0.722444	-1.38419	0.0779909	1.81821	1.81821	0.51542	1.22304	1.22304	0.0829773	1.79681	1.79681	0.0398191	2.06571	2.06571	0.494329	1.23598	1.23598	0.123363	0.600782	-1.6645	3.51638	5.19005	1.31197	1
cg14120010	CDH7;CDH7	7.10E-05	0.23439	0.710222	-1.40801	2.70E-05	9.72628	9.72628	0.141879	1.54268	1.54268	0.0274134	0.488589	-2.04671	0.0618629	0.561447	-1.78111	0.56951	1.17093	1.17093	0.399012	1.26747	1.26747	4.21E-06	18.5545	18.5545	0.0561516	1.81079	1.81079	24.2611	28.9547	1.06085	1
cg00468820	CDH7;CDH7	8.51E-05	0.312402	0.819103	-1.22085	0.000331203	3.02386	3.02386	0.226851	1.27416	1.27416	0.233937	1.26907	1.26907	0.864849	0.967993	-1.03307	0.783407	0.948743	-1.05403	0.756761	0.942397	-1.06112	1.15E-06	11.1212	11.1212	0.134093	1.3614	1.3614	23.114	13.3487	0.513346	1
cg19119032	CDH7;CDH7	0.00172385	0.39878	0.85529	-1.16919	0.625198	1.09317	1.09317	0.797816	1.04755	1.04755	0.546645	1.1167	1.1167	0.935659	0.985497	-1.01472	0.933061	0.984914	-1.01532	0.0987491	1.38758	1.38758	1.65E-05	4.97256	4.97256	0.208418	1.2712	1.2712	10.0671	5.22019	0.460924	1
cg00589371	CDH7;CDH7	0.00646894	0.00296148	0.68056	-1.46938	0.347059	0.9127	-1.09565	0.897702	0.987939	-1.01221	0.372155	1.09029	1.09029	0.265133	1.11579	1.11579	0.0116452	0.742691	-1.34646	0.00124459	0.640793	-1.56057	0.137028	0.859754	-1.16312	0.0925108	1.19085	1.19085	6.77944	0.955672	0.125303	1
cg03671700	CDH8	3.26E-05	0.00224376	1.85729	1.85729	0.00227107	1.85493	1.85493	0.817885	0.967174	-1.03394	0.103631	1.29376	1.29376	0.236951	0.835854	-1.19638	0.0680552	1.34406	1.34406	0.0130378	0.640361	-1.56162	7.81E-07	6.82138	6.82138	0.00024729	2.40072	2.40072	29.7937	9.88094	0.294796	1
cg02858606	CDH8	0.000419126	0.00440972	0.145278	-6.88334	0.991727	1.00528	1.00528	0.00477881	0.149407	-6.69314	0.609582	1.29876	1.29876	0.000471755	0.0615384	-16.25	0.345465	1.63749	1.63749	4.79E-05	0.0205447	-48.6743	0.0104151	5.14072	5.14072	0.728592	0.837941	-1.1934	15.0056	61.2233	3.6267	1
cg00950846	CDH8	0.00633665	0.0330233	1.24875	1.24875	0.120128	1.16211	1.16211	0.291394	1.10247	1.10247	0.954407	1.00511	1.00511	0.27875	1.10556	1.10556	0.0479747	1.22318	1.22318	0.000311867	0.593911	-1.68375	0.282013	0.905179	-1.10475	0.796372	1.02331	1.02331	6.823	0.858057	0.111786	1
cg05946623	CDH8	0.00640987	0.0455125	2.08542	2.08542	0.000556851	5.56341	5.56341	0.0268864	2.31644	2.31644	0.324225	1.38578	1.38578	0.0459199	2.08172	2.08172	0.0375346	2.167	2.167	0.0017057	4.20227	4.20227	0.00673165	3.08332	3.08332	0.0826528	1.85143	1.85143	6.79875	11.0581	1.44577	1
ch.16.1357280	CDH8	0.012045	0.000667693	0.358004	-2.79326	0.010523	0.529937	-1.88702	0.14814	0.736363	-1.35803	0.0299649	0.60427	-1.65489	0.0207755	0.577487	-1.73164	0.0176109	0.565691	-1.76775	0.665956	0.917887	-1.08946	0.1791	0.754616	-1.32518	0.997277	1.00067	1.00067	5.56673	3.43098	0.547855	1
cg07244927	CDH8	0.0121299	0.0356792	0.460112	-2.17338	0.0977217	1.78055	1.78055	0.156554	0.618039	-1.61802	0.827174	0.932926	-1.0719	0.562053	1.2046	1.2046	0.407713	1.30854	1.30854	0.0033158	0.28086	-3.56049	0.0177415	2.4981	2.4981	0.030745	0.446759	-2.23834	5.55405	8.86918	1.41945	1
cg11323198	CDH8	0.013244	0.589067	0.920179	-1.08675	0.108615	1.30597	1.30597	0.000353969	2.39914	2.39914	0.0394963	1.43801	1.43801	0.343714	1.16042	1.16042	0.246676	1.20295	1.20295	0.224607	0.82319	-1.21479	0.523647	1.10361	1.10361	0.0789471	1.34657	1.34657	5.39724	1.98879	0.327541	1
cg08263750	CDH8	0.0161994	0.743578	1.14402	1.14402	0.00693501	4.1876	4.1876	0.0233989	3.03498	3.03498	0.285665	1.57545	1.57545	0.00638968	0.233493	-4.28277	0.883496	1.06195	1.06195	0.325112	1.51666	1.51666	0.0213915	3.10604	3.10604	0.505767	1.31886	1.31886	5.05013	13.439	2.36543	1
cg01771247	CDH8	0.0247724	0.0121099	0.414003	-2.41544	0.00467927	0.346413	-2.88673	0.245904	0.710232	-1.40799	0.123796	0.625027	-1.59993	0.78598	0.926132	-1.07976	0.0439503	1.92082	1.92082	0.250108	1.40335	1.40335	0.478601	0.816193	-1.2252	0.205987	0.686507	-1.45665	4.37111	5.50334	1.11913	1
cg00009553	CDH8	0.0299094	0.00638507	0.378841	-2.63963	0.178779	0.676617	-1.47794	0.0422048	0.527267	-1.89657	0.0453837	0.533811	-1.87332	0.0134979	0.433315	-2.30779	0.303885	0.747349	-1.33806	0.202572	1.44473	1.44473	0.321071	1.32363	1.32363	0.476885	0.820529	-1.21873	4.09123	4.84647	1.05298	1
cg04882273	CDH8	0.0313577	0.360213	1.35011	1.35011	0.682057	0.876826	-1.14048	0.219929	1.50928	1.50928	0.54994	0.82445	-1.21293	0.172957	1.58851	1.58851	0.668829	1.1472	1.1472	0.0011334	0.216896	-4.6105	0.199459	1.5413	1.5413	0.498524	1.24516	1.24516	4.02293	6.48867	1.43371	1
cg07681938	CDH8	0.045749	0.176276	1.20892	1.20892	0.705651	0.951157	-1.05135	0.517785	0.917105	-1.09039	0.0117655	1.51473	1.51473	0.48304	1.09864	1.09864	0.0508986	1.34111	1.34111	0.0257009	0.704931	-1.41858	0.265133	0.857908	-1.16563	0.482058	0.910015	-1.09888	3.50378	0.966432	0.245178	1
cg09515947	CDH8;CDH8	0.00838553	0.486732	1.12198	1.12198	0.663982	0.931286	-1.07378	0.119515	1.3167	1.3167	0.00802529	1.73884	1.73884	0.463888	1.1291	1.1291	0.000721704	2.31139	2.31139	0.373118	0.861644	-1.16057	0.707968	1.0632	1.0632	0.00296706	1.94282	1.94282	6.25073	2.62599	0.37343	1
cg11109621	CDH9	0.00145733	0.0470473	0.683567	-1.46291	0.405683	0.86728	-1.15303	0.0183311	1.61466	1.61466	0.0368941	0.666502	-1.50037	0.000708806	2.37142	2.37142	0.391634	0.863375	-1.15825	0.0103597	1.71684	1.71684	0.0667354	1.41068	1.41068	0.00208268	0.484226	-2.06515	10.567	4.68867	0.394409	1
cg12119029	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.000229709	0.127287	0.76265	-1.31122	0.00286149	0.509532	-1.96259	0.0254168	0.646298	-1.54727	0.000275493	2.66083	2.66083	0.00147641	0.470561	-2.12512	0.0196643	0.629368	-1.5889	0.000121679	0.33203	-3.01178	0.000885068	0.441053	-2.2673	0.0441957	0.683973	-1.46205	17.693	7.56543	0.380083	1
cg09327694	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.000320584	0.750393	0.929496	-1.07585	0.818212	0.948626	-1.05416	0.0318756	0.562075	-1.77912	0.269797	0.768557	-1.30114	1.07E-05	0.116058	-8.61638	0.000890979	0.319803	-3.12692	0.0010499	0.329346	-3.03632	0.0618522	0.617714	-1.61887	0.000736535	0.308906	-3.23723	16.1538	13.4256	0.738767	1
cg01157467	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.000361813	0.0334371	1.54538	1.54538	0.0183852	1.65043	1.65043	0.246984	1.23618	1.23618	0.900435	0.978316	-1.02216	9.03E-06	0.185708	-5.38479	0.373251	0.852063	-1.17362	0.0273509	0.63303	-1.5797	0.223271	1.25123	1.25123	0.0588489	0.688156	-1.45316	15.626	7.59195	0.43187	1
cg27113347	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.00117365	0.756723	1.05983	1.05983	0.0136083	0.565063	-1.76971	0.0915633	0.70652	-1.41539	0.177435	1.30739	1.30739	0.00509916	0.500524	-1.99791	0.000478779	0.358844	-2.78672	0.0400005	0.64156	-1.5587	0.0256017	1.64197	1.64197	0.000404668	0.349453	-2.86161	11.2428	6.22609	0.492254	1
cg04747957	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.00841794	0.979857	0.996952	-1.00306	0.0221802	0.717785	-1.39317	0.142523	0.826449	-1.21	0.826475	0.9738	-1.02691	0.0675172	0.780596	-1.28107	0.00726204	1.52009	1.52009	0.0040589	1.59445	1.59445	0.503395	0.921164	-1.08558	0.032565	0.738964	-1.35325	6.24312	1.44585	0.205859	1
cg07896412	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.0123037	0.83837	0.945804	-1.0573	0.717696	1.10412	1.10412	0.861473	1.0488	1.0488	0.886503	0.961788	-1.03973	0.305988	0.748898	-1.33529	0.313111	0.752289	-1.32928	0.000165039	0.173467	-5.76478	0.500547	0.829829	-1.20507	0.0507285	0.54482	-1.83547	5.52844	6.51659	1.04777	1
cg09313938	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.026028	0.112889	0.791802	-1.26294	0.303909	1.15494	1.15494	0.578624	0.92691	-1.07885	0.184245	1.20991	1.20991	0.0697543	0.760056	-1.31569	0.769859	0.96109	-1.04049	0.00340648	1.71338	1.71338	0.0322939	1.40373	1.40373	0.428079	0.896323	-1.11567	4.29646	1.24537	0.257652	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	Df(Error)
cg04155793	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10;CDK10;CD	0.0283289	0.0881445	0.510169	-1.96013	0.0456529	0.44062	-2.26953	0.312307	0.688104	-1.45327	0.14234	0.568885	-1.75783	0.0110823	0.320072	-1.1243	0.880414	1.05532	1.055	0.292202	1.09903	1.09003	0.00547858	0.270822	-3.69246	0.0091357	0.305957	-3.26843	4.170858	8.44911	1.80079	1		
cg05714156	K10 CDK10;CDK10;CDK10;CDK10;CDK10;CDK10;CD	0.03615	0.234453	0.675532	-1.48032	0.0663837	0.52309	-1.91172	0.024759	0.431167	-2.31929	0.315844	0.721519	-1.38596	0.296169	1.40625	1.40625	0.857083	1.05838	1.05838	0.00559719	3.14231	3.14231	0.286074	0.705618	-1.4172	0.757935	0.907289	-1.10218	3.82206	5.99608	1.3945	1		
cg03501633	K10 CDK10;CDK10;CDK10;CDK10;CDK10;CDK10;CD	0.0480046	0.277231	0.737648	-1.35566	0.226198	1.40802	1.40802	0.935147	0.978324	-1.02216	0.34279	1.30106	1.30106	0.0244391	0.485805	-2.05844	0.0240019	0.484325	-2.06473	0.173578	0.677147	-1.47678	0.344393	1.29985	1.29985	0.046454	1.84806	3.44085	3.9513	1.02076	1		
cg26862691	K10;CDK10;CDK10;CDK10 CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.00237111	0.53867	0.925874	-1.08006	0.0519222	1.31472	1.31472	0.639529	0.943309	-1.0601	0.714891	0.955624	-1.04644	0.044	0.751004	-1.33155	0.501009	1.08817	1.08817	5.90E-05	0.39854	-2.50916	0.173511	0.83597	-1.19621	0.0659611	1.29075	1.29075	9.17367	2.22395	0.215491	1		
cg15727942	1A;CDK11B;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.00177622	0.0040848	0.247295	-4.04375	0.163008	1.72083	1.72083	0.0873637	0.504457	-1.98233	0.6640911	2.12635	2.12635	0.528685	0.79341	-1.26038	0.0144292	0.335164	-2.98361	0.000127195	0.0891593	-11.2159	0.275593	0.662841	-1.50866	0.00740224	0.286231	-3.49368	9.98019	20.7774	1.85055	1		
cg14164956	1A;CDK11B;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.0120352	0.0162747	0.213113	-4.69234	0.0865953	0.36937	-2.70731	0.365697	0.613237	-1.63069	0.562814	1.36047	1.36047	0.111001	0.40109	-2.4932	0.898051	0.934779	-1.06977	0.000572644	0.0604657	-16.5383	0.519515	1.40994	1.40994	0.0142904	0.203996	-4.90206	5.5682	24.4142	3.8974	1		
cg00853237	1B;CDK11A;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.00057712	0.00074134	0.49248	-2.03054	0.00161163	0.534934	-1.86939	0.000335365	0.449252	-2.22592	0.0223312	0.684707	-1.46048	0.000206873	0.423357	-2.36207	0.000178663	0.415551	-2.40645	0.0171617	0.669111	-1.49452	0.0988859	0.778549	-1.28444	0.0336604	0.709472	-1.4095	13.7315	4.16239	0.269445	1		
cg10628909	1B;CDK11A;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.00728941	0.00262769	0.391219	-2.55611	0.2745	0.773962	-1.29205	0.276383	0.774801	-1.29065	0.000239166	0.253955	-3.93771	0.000461333	0.288762	-3.46305	0.000947336	0.329338	-3.03639	0.00252597	0.388728	-2.57249	0.163143	1.39857	1.39857	0.00401321	0.418447	-2.38979	12.864	10.3469	0.714962	1		
cg18851198	1B;CDK11A;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.00111357	0.00120214	0.183569	-5.44755	0.0616194	0.47129	-2.12184	0.00198766	0.210044	-4.76092	0.0019449	0.208849	-4.78816	0.000469874	0.140282	-7.1285	0.00152434	0.195771	-5.108	0.000977645	0.17337	-5.768	0.958909	0.981757	-1.01858	0.0120818	0.326863	-3.05939	11.4124	23.0793	1.79761	1		
cg12048375	1B;CDK11A;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.0161041	0.761448	0.968466	-1.03256	0.146755	0.848832	-1.17809	0.647765	0.952746	-1.0496	0.000515188	0.565332	-1.76887	0.406626	1.09345	1.09345	0.848652	1.02031	1.02031	0.210514	0.870358	-1.14895	0.335009	1.1103	1.1103	0.0174061	0.737349	-1.35621	5.06006	0.887497	0.155904	1		
cg27047637	1B;CDK11A;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.0184641	0.27625	0.641405	-1.55908	0.00706059	0.255305	-3.91689	0.0374921	0.38808	-2.57679	0.728009	1.14672	1.14672	0.00360784	0.213316	-4.68788	0.00593889	0.243949	-4.09922	0.69743	1.16556	1.16556	0.10727	0.501906	-1.9924	0.377137	0.700918	-1.4267	4.83352	11.7707	2.16464	1		
cg03139693	1B;CDK11A;CDK11B;CDK11B CDK11A;CDK11B;CDK11B;CDK11B;CDK1	0.0191534	0.0756209	0.712251	-1.404	0.00111202	0.438572	-2.28013	0.865033	0.971233	-1.02962	0.0134699	0.591621	-1.69027	0.00825591	0.560127	-1.78531	0.0970045	0.731592	-1.36688	0.640087	0.922378	-1.08415	0.681827	0.931716	-1.07329	0.246699	0.812338	-1.23101	4.77406	2.22588	0.414439	1		
cg21906539	1A;CDK11B;CDK11A;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.0229098	0.0115426	0.484464	-2.06414	0.0482448	0.595792	-1.67844	0.106137	0.667069	-1.4991	0.23273	0.750443	-1.33255	0.0908014	0.659472	-1.51637	0.274199	0.770256	-1.29827	0.0013729	0.34468	-2.90124	0.58855	0.882234	-1.13349	0.0132925	0.494699	-2.02143	4.49034	3.74372	0.740992	1		
cg08864381	1B;CDK11B 1B;CDK11B;CDK11B;CDK11B;CDK1	0.00016765	0.305409	0.780776	-1.28078	0.786597	0.938683	-1.06532	0.274849	1.30333	1.30333	0.463543	0.840313	-1.19003	3.02E-06	0.0747972	-13.3695	0.716029	0.918339	-1.08892	0.750173	0.928216	-1.07734	0.0173258	1.96568	1.96568	0.00539213	2.34949	2.34949	19.2697	16.5944	0.765481	1		
cg26660744	1B;CDK11B 1B;CDK11B;CDK11B;CDK11B;CDK1	0.00430503	0.533724	0.868463	-1.15146	0.202623	0.740101	-1.35117	0.171676	0.722106	-1.38484	6.37E-05	0.192877	-5.18466	0.216865	0.747711	-1.33741	0.00703855	0.458621	-2.18045	0.80521	1.05684	1.05684	0.463186	0.846129	-1.18185	0.0935692	0.661894	-1.51082	7.68012	6.08971	0.704817	1		
cg24688574	1B;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.00726369	0.15713	0.77107	-1.2969	0.836422	0.9651	-1.03616	0.107229	0.739263	-1.3527	0.758751	0.948446	-1.05436	0.00129513	0.44694	-2.23744	0.000464148	0.388216	-2.57588	0.0182584	0.611232	-1.63604	0.0668039	0.702512	-1.42346	0.0912733	0.726465	-1.37653	6.53919	3.0576	0.415627	1		
cg09393105	1B;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.00910662	0.0243115	0.537026	-1.86211	0.058107	0.608946	-1.64218	0.040879	0.57891	-1.72738	0.168618	0.711958	-1.40458	0.00347678	0.399111	-2.50557	0.978495	1.00626	1.00626	0.000880066	0.315104	-3.17355	0.999934	1.00002	1.00002	0.0109386	0.477273	-2.09524	6.08956	5.17319	0.755126	1		
cg15126211	1B;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.0110119	0.313312	1.28851	1.28851	0.209625	0.72513	-1.37906	0.216406	0.728927	-1.37188	0.345771	1.26619	1.26619	0.0177029	0.21608	2.01608	0.00132987	3.10916	3.10916	0.0147706	0.482287	-2.07345	0.229278	1.35886	1.35886	0.416696	1.22355	1.22355	5.89147	5.51271	0.831743	1		
cg17450090	1B;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.0172084	0.00288041	0.550119	-1.81779	0.583221	0.922386	-1.08415	0.625223	0.93074	-1.07441	0.625832	0.930859	-1.07428	0.109758	0.77554	-1.28942	0.00424975	0.572425	-1.74695	0.00494807	0.581214	-1.72054	0.512816	1.10161	1.10161	0.287808	0.851373	-1.17457	4.94926	1.66632	0.299272	1		
cg18282011	1B;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.038324	0.770553	0.962751	-1.03869	0.0147468	1.47631	1.47631	0.0742308	1.29461	1.29461	0.0572588	0.756399	-1.32205	0.983096	0.997254	-1.00275	0.613	0.93594	-1.06844	0.0166484	0.684204	-1.46155	0.153628	0.820124	-1.21933	0.912544	0.985841	-1.01436	3.74149	0.998384	0.237192	1		
cg15830572	1B;LOC728661;CDK11B 1B;LOC728661;CDK11B;CDK11B;CDK1	8.65E-05	0.00402325	0.657759	-1.52031	0.207515	1.15499	1.15499	0.623806	1.05505	1.05505	0.0504158	1.27347	1.27347	4.44E-06	0.318058	-3.14408	0.00392985	0.656597	-1.523	7.92E-05	0.461508	-2.16681	0.479758	1.081	1.081	0.49426	0.92751	-1.07816	23.0157	4.28416	0.165458	1		
cg20462440	1B;LOC728661;CDK11B 1B;LOC728661;CDK11B;CDK11B;CDK1	0.00018493	0.786578	0.93765	-1.0665	0.00141565	0.334262	-2.99166	0.18733	0.717843	-1.39306	0.0327959	0.553097	-1.80829	9.09E-05	0.190238	-5.25658	5.76E-05	0.170393	-5.86878	2.18E-05	0.132095	-7.5703	0.35218	1.25498	1.25498	0.00243984	0.367682	-2.71974	20.7014	18.4497	0.792207	1		
cg20429981	1B;LOC728661;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.00062334	0.030691	1.51339	0.1116713	1.67267	1.67267	0.638123	0.92559	-1.08039	0.00391076	0.188501	1.88501	1.0E-05	3.26224	3.26224	0.166696	1.27209	1.27209	0.00754505	0.57058	-1.7526	0.000878393	2.25723	2.25723	0.044032	1.45892	1.45892	13.44	5.67094	0.375062	1		
cg12042834	1B;LOC728661;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.00135223	0.00791486	0.485334	-2.06044	0.836946	1.04471	1.04471	0.414835	0.837851	-1.19353	0.0172141	0.540074	-1.8516	4.23E-05	0.191487	-5.2223	0.0259854	0.57069	-1.75226	0.00988441	0.500627	-1.9975	0.177636	1.35538	1.35538	0.0191006	0.547689	-1.82585	10.7965	7.70349	0.634235	1		
cg10065215	1B;LOC728661;CDK11B 1B;LOC728661;CDK11B;CDK11B;CDK1	0.00647487	0.724254	0.869892	-1.14957	0.0350334	0.3804	-2.62881	0.351913	0.685926	-1.45788	0.0805074	0.466328	-2.14441	0.000671355	0.129073	-7.74753	0.00320672	0.205343	-4.8699	0.0172315	0.319206	-3.13277	0.490756	1.31712	1.31712	0.00691254	0.252653	-3.95799	6.77751	16.6228	2.18012	1		
cg06848468	1B;LOC728661;CDK11B 1B;LOC728661;CDK11B;CDK11B;CDK1	0.0185958	0.00377574	0.198172	-5.04611	0.0472787	0.390612	-2.56009	0.028297	0.315993	-3.16462	0.681199	0.842754	-1.18659	0.098362	0.47201	-2.11186	0.581532	1.25928	1.25928	0.00737002	0.23927	-4.17937	0.112498	0.488917	-2.04534	0.0121476	0.274022	-3.64934	4.82195	13.0988	2.41466	1		
cg21106418	1B;LOC728661;CDK11B 1B;LOC728661;CDK11B;CDK11B;CDK1	0.0252054	0.816109	0.931133	-1.07396	0.144268	0.618518	-1.61677	0.326518	0.733245	-1.3638	0.957254	1.01655	1.01655	0.0462969	0.496962	-2.01223	0.00526437	0.323988	-3.08653	0.0031133	0.289788	-3.45079	0.164359	0.634794	-1.57531	0.0163003	0.406709	-2.45876	4.34484	6.45613	1.32083	1		
cg12100965	1B;LOC728661;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.0261649	0.527838	1.36027	1.36027	0.510325	1.37881	1.37881	0.182355	1.97546	1.97546	0.483784	1.4082	1.4082	0.00127782	0.104402	-9.57836	0.0454791	0.331729	-3.01451	0.285872	0.586747	-1.70431	0.714831	1.19306	1.19306	0.1414477	0.467408	-2.13946	4.28859	15.7164	3.25751	1		
cg01188072	1B;LOC728661;CDK11B CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.0363509	0.37682	1.21055	1.21055	0.0273622	0.576964	-1.73321	0.0183408	0.547145	-1.82767	0.385188	0.828964	-1.20632	0.38929	1.20428	1.20428	0.170971	0.73554	-1.35955	0.0115099	1.94631	1.94631	0.916589	0.978169	-1.02232	0.749182	0.934649	-1.06992	3.81436	2.68174	0.624944	1		
cg11588584	1B;LOC728661;CDK11B	0.0431316	0.0179673	2.96505	2.96505	0.0465919	2.36663	2.36663	0.108431	1.93861	1.93861	0.188545	1.69324	1.69324	0.122313	1.47204	1.47204	0.0257414	2.72156	2.72156	0.6045611	1.21833	1.21833	0.0618436	3.85644	3.85644	0.0240055	2.76618	2.76618	3.58178	8.10627	2.01373	1
cg21037155	CDK12;CDK12	0.00339649	0.00383333	1.51884	1.51884	0.0893736	0.81804	-1.22243	0.450996	1.08584	1.08584	0.0664459	1.24696	1.24696	0.00809691	0.695173	-1.43849	7.15E-05	0.460213	-2.17291	0.000731491	1.73405	1.73405	0.0461191	1.27767	1.27767	0.182073	0.8591	-1.16401	15.8998	2.89534	0.161866	1
cg20936107	CDK12;CDK12	0.00379475	0.889292	0.953795	-1.04844	0.0211109	0.389875	-2.56493	0.17717	1.62773	1.62773	0.0331618	0.4292	-2.32992	0.00584977	0.294133	-3.39982	0.112333	0.555902	-1.79888	0.00036938	0.144251	-6.93236	0.272764	1.47359	1.47359	0.00809071	0.31604	-3.16415	7.97798	14.5765	1.62408	1
cg00061989	CDK12;CDK12	0.00382434	0.271229	0.975155	-1.02512	0.163773	0.809357	-1.23555	0.207153	1.07877	1.07877	0.0022315	1.87593	1.87593	0.0002729	2.76579	2.76579	0.0298248	4.58E-05	0.227592	0.8953128	-1.11691	0.707747	0.935902	-1.06903	0.0497591	1.03612	1.03612	0.753881	0.941741	-1.06186	0.938175	0.986407	3.90056	0.435608	1
cg12424509	CDK12;CDK12	0.0114248	0.653137	1.36862	1.36862	0.105847	3.4592	3.4592	0.310879	2.0759	2.0759	0.0731279	0.244425	-4.09124	0.00143705	0.0335582	-29.799	0.271273	0.449961	-2.22242	0.0186684	0.130372	-7.67035	7	7	7	7	7	7	6.66961	38.6239	5.79103	1
cg09102835	CDK12;CDK12	0.00239917	0.00394458	0.599693	-1.66756	0.862824	0.96466	-1.11324	0.144264	2.77784	2.77784	0.933214	1.05611	1.05611	0.490738	1.57768	1.57768	0.780128	1.09996	1.09996	0.0609557	0.240486	-4.15825	0.786538	1.19341	1.19341	0.2974	2.02114	2.02114	4.24993	29.7098	5.97312	1
ch.17.10097181R	CDK12;CDK12	0.0334765	0.042222	0.577169	-1.73259	0.0279109	0.84076	1.84076	0.198368	0.726679	-1.37612	0.113791	0.667571	-1.49797	0.596684	1.11364	1.11364	0.985604	0.995771	-1.00425	0.00700124	0.440823	-2.26848	0.226606	1.34741	1.34741	0.695502	0.912927	-1.09538	3.92975	3.43345	0.776628	1
cg06862675	CDK12;CDK12	0.0489391	0.224601	0.725823	-1.37775	0.0955297	1.5841	1.5841	0.0199551	2.02506	2.02506	0.0243623	0.509651	-1.96213	0.21382	0.719771	-1.38933	0.344862	0.783164	-1.27687	0.727918	1.0917	1.0917	0.18831	0.704553	-1.41934	0.269439	1.33497	1.33497	3.41583	3.41409	0.888438	1
cg11640146	CDK12;CDK12	0.00580354	0.854171	0.958682	-1.04321	0.0691553	0.627282	-1.59418	0.00255312	0.431588	-2.31676	0.0366486	0.573033	-1.74519	0.00964551	0.437262	-2.2871	0.00142405	0.146098	2.88186	0.121705	1.46928	1.46928	0.370215	1.23495	1.23495	0.0113977	0.407009	-2.05155	7.01077	5.84018	0.740497	1
cg09470376	CDK13;CDK13	0.0147258	0.00162536	0.714714	-1.39916	0.588958	1.04141	1.04141	0.0122802	1.26108	1.26108	0.401509	1.06595	1.06595	0.11943	1.13392	1.13392	0.427582	1.0621	1.0621	0.4116271	0.940075	-1.06374	0.0819121	0.866425	-1.15437	0.428479	0.941649	-1.06197	5.21237	0.456685	0.077805	1
cg02651322	CDK13;CDK13	0.0348969	0.939375	0.977497	-1.02302	0.680064	0.883314	-1.3521	0.439648	1.26596	1.26596	0.178485	0.24061	-4.15672	0.00464087	0.136103	-7.34603	0.00197792	0.270643	-3.69491	0.0247324	0.11352	1.11352	0.597673	1.17276	1.17276	0.0604522	1.88418	1.88418	3.97254	3.90056	0.435608	1
cg05467568	CDK14	0.0012419	0.194514	1.34463	1.34463	0.00186277	0.385767	-2.59224	0.235225	0.76458	-1.30791	0.487335	1.16446	1.16446	0.0001509	0.245717	-4.06972	0.997215	1.00075	1.00075	0.0104503	0.498821	-2.00473	0.209213	1.33055	1.33055	0.00134796	0.366142	-2.73118	11.0628	8.15689	0.6554	1
cg09314495	CDK14	0.00347061	0.00349182	0.364142	-2.74618	0.578377	1.15386	1.15386	0.0118221	0.44875	-2.22841	0.19919	0.707649	-1.41313	0.00164441	0.316978	-3.15479	0.464227	1.20912	1.20912	0.0293419	0.519818	-1.92375	0.00696737	2.43471	2.43471	0.0734897	0.601283	-1.66311	8.19446	8.43347	0.914815	1
cg00104196	CDK14	0.00360178	0.00152587	0.319384	-3.6303	0.00523021	0.546421	-1.83009	0.0062215	0.515774	-1.93795	0.122361	0.809094	-1.23523	0.263188	1.21085	1.21085	0.174339	0.788048	-1.26751	0.00190588	0.205693	4.86049	0.146442	0.774353	-1.2914	0.0988193	1.3457	1.3457	8.10394	3.45434	0.378893	1
cg03742932	CDK14	0.0114837	0.970283	1.00504	1.00504	0.00806635	0.632475	-1.58109	0.00227568	0.562022	-1.77929	0.771257	0.961408	-1.04014	0.540003	0.919655	-1.08736	0.0726912	0.763134	-1.31039	0.00847347	1.57417	1.57417	0.649993	0.94019	-1.06361	0.207685	0.835806	-1.19645	5.65345	1.6319	0.256583	1
cg04837455	CDK14	0.0197344	0.00804021	0.190448	-5.25736	0.00771398	0.155589	-6.4272	0.0207398	0.228146	-4.54243	0.0201093	0.571384	-1.75009	0.0132863	0.210963	-4.74122	0.0764809	0.342623	-2.91866	0.0238584	0.237184	4.2045	0.238009	0.812326	-1.23081	0.0133453	0.742596	0.82116	-1.21778	4.82445	11.1013	2.47626	1
cg04611407	CDK14	0.0229211	0.0798642	0.680418	-1.46968	0.0578876	0.653917	-1.52925	0.0052932	0.482763	-2.07141	0.25478	0.790122	-1.26553	0.00653217	0.496535	-2.01396	0.1253	0.719864	-1.38915	0.884772	0.97168	-1.02915	0.0619736	0.559433	-1.51645	0.00521719	0.481823	-2.07545	4.40017	2.79119	0.552554	1
cg06745145	CDK14	0.0168593	0.012964	0.22449	-4.45419	0.0298879	0.290315	-3.44653	0.0302227	0.334868	-2.98763	0.0387196	0.315987	-3.16891	0.00728843	0.187033	-5.34665	0.04344	0.322368	-3.10204	0.256505	0.566409	-1.77491	0.888201	0.651553	-1.53484	0.0445542	0.324667	-3.08008	3.79513	14.1057	3.30382	1
cg19637217	CDK14	0.0424433	0.136468	0.65239	-1.53281	0.00257443	0.328706	-3.04223	0.0264623	0.490468	-2.03887	0.555565	0.853233	-1.17201	0.338972	0.76021	-1.30004	0.28536	0.704223	-1.41968	0.0361075	0.522635	-1.91338	0.0285766	0.502731	-1.98914	0.782851	0.929088	-1.07632	3.60326	0.4047	0.997788	1
cg03052172	CDK15	0.0003656	0.390271	0.820009	-1.2195	0.198594	0.15831	-6.31583	0.000132311	0.22438	-4.45673	0.356275	0.807445	-1.23847	0.000150209	0.230547	-4.33751	0.908813	1.02613	1.02613	7.65E-05	0.198697	-5.03279	0.0128333	0.498611	-2.00557	0.699377	0.916248	-1.09141	15.5812	12.5387	0.715316	1
cg17851604	CDK15	0.00389576	0.595599	1.12597	1.12597	0.0002301	1.873447	1.873447	0.0004801	1.88229	1.88229	0.0199768	0.227337	-4.40119	0.00023015	0.143793	-6.95503	0.139353	1.2715	1.2715	0.126665	0.925245	-1.08079	0.220027	0.751639	-1.33043	0.0653444	0.568157	-1.75917	7.75519	6.14434	0.690019	1
cg10064491	CDK15	0.00600117	0.00117082	0.142942	-6.99586	0.00415434	0.208304	-4.80067	0.0392094	0.377464	-2.64926	0.871591	0.936082	-1.06828	0.000568166	0.113045	-8.84602	0.136332	0.519261	-1.92581	0.453849	0.732314	-1.36553	0.310887	0.651735	-1.53437	0.468439	0.739921	-1.3515	6.93874	18.3224	2.34719	1
cg07736602	CDK15	0.00748563	0.86036	0.926126	-1.07977	0.0926232	0.995978	-1.00404	0.0259288	0.315884	-3.16572	0.0408873	0.364326	-2.74404	0.000905648	0.115013	-8.6965	0.067638	0.409718	-2.44039	0.0393562	0.128614	-7.77625	0.0784408	0.626704	-1.5955	0.0760373	0.888413	-1.1256	5.18021	1.07997	0.10161	1
cg24158045	CDK15	0.0250676	0.162165	0.477624	-2.09353	0.170176	0.485192	-2.06104	0.0458168	0.521958	-1.91659	0.0152387	0.228706	-4.37243	0.159618	0.475224	-2.10427	0.199195	0.51091	-1.95729	0.000764653	0.0801545	-12.4759	0.287282	0.578695	-1.72803	0.0733949	0.372212	-2.68664	4.35314	16.8967	3.45022	1
cg14695751	CDK15	0.0431969	0.0619553	0.397089	-4.09077	0.0201869	0.118654	-8.42788	0.0659092	0.200853	-4.98041	0.40157	0.298913	-3.34545	0.0242215	0.179429	-5.57243	0.0085884	0.363789	-2.74885	0.106375	1.69741	1.69741	0.953544	1.01764	1.01764	0.545695	0.832357	-1.20141	5.74972	8.19938	1.2676	1
cg04136126	CDK16;CDK16;CDK16	0.0141688	0.962792	1.00913	1.00913	0.0188355	1.1455	1.1455	0.0100104	1.2437	1.2437	0.161446	1.10877	-1.08877	0.00780704	0.15399	-6.49465	0.0686378	0.453763	-2.20379	0.0423879	0.134187	1.1725	1.1725	0.347964	1.02679	0.626709	0.55955	0.760373	0.888413	1.1256	5.18021	1.07997	0.10161	1
cg02504550	CDK16;CDK16;CDK16	0.0240511	0.253117	1.34362	1.34362	0.0615668	1.68388	1.68388	0.640625	1.12338	1.12338	0.0253215	1.72251	1.72251	0.0023241	1.37144	1.37144	0.145261	1.20245	1.20245	0.499388	0.0033769	-2.96391	0.0599471	1.6908	1.6908	0.077445	0.615257	1.62534	0.44615	4.28305	0.8621	1
cg00896792	CDK17	0.0945644	0.729541	1.37362	1.37362	0.0386825	1.36833	1.36833	0.0412835	1.31306	1.31306	0.0009512001	2.09282	2.09282	0.0001514	3.1066	3.1066	0.0452625	2.10494	2.10494	0.0013772	2.19333	2.19333	0.0017417	2.17285	2.17285	0.0042848	2.12064	2.12064	4.63961	2.1267	0.4757

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)
cg00599273	CDK4	0.0171604	0.0738452	1.50266	1.50266	0.0675447	1.51984	1.51984	0.597677	1.115	1.115	0.000858897	2.78173	2.78173	0.814877	1.0491	1.0491	0.514452
cg22870189	CDK4	0.0193052	0.429056	0.741484	-1.34865	0.489765	1.29686	1.29686	0.00333515	4.39387	4.39387	0.343281	0.696473	-1.43581	0.138039	0.5534	-1.80701	0.0140791
cg16716518	CDK4;CDK4	0.040569	0.0117823	0.606907	-1.6477	0.923737	1.01532	1.01532	0.638984	1.0779	1.0779	0.226145	0.817281	-1.22357	0.771835	0.954889	-1.04724	0.190727
cg03249863	CDK4;MARCH9	0.0259047	0.0646614	0.337805	-2.96029	0.0918243	0.378837	-2.63966	0.0365072	0.280541	-3.56454	0.899369	1.0684	1.0684	0.00987509	0.181763	-5.50167	0.0318613
cg07184237	CDK5;CDK5	3.89E-05	0.439667	1.12193	1.12193	0.0366223	1.42548	1.42548	0.0279409	1.46102	1.46102	4.69E-06	4.6239	4.6239	7.41E-06	4.22444	4.22444	0.0390467
cg09679690	CDK5;CDK5	0.00273188	0.37848	1.15938	1.15938	0.000761948	2.30446	2.30446	0.143434	1.29346	1.29346	0.0329905	1.50397	1.50397	0.984766	0.99688	-1.00313	0.997222
cg26102146	CDK5;CDK5	0.00373128	0.0617302	0.782885	-1.27733	0.233686	0.864812	-1.15632	0.0786848	0.796783	-1.25505	0.201089	1.17007	1.17007	8.30E-05	0.438542	-2.28028	0.484093
cg02203833	CDK5;CDK5	0.0360065	0.0928177	0.615061	-1.62585	0.0381903	1.88025	1.88025	0.0211738	2.0717	2.0717	0.0477485	1.81292	1.81292	0.0539224	1.7773	1.7773	0.412934
cg04531694	CDK5;CDK5;SLC4A2	1.59E-06	0.0127035	0.74302	-1.34586	0.914636	0.989769	-1.01034	0.0233721	1.29673	1.29673	0.27928	1.11392	1.11392	0.516441	1.06513	1.06513	0.402367
cg17919020	CDK5;CDK5;SLC4A2	0.00149241	0.0025325	0.642523	-1.55636	0.0678184	1.24099	1.24099	0.107008	0.830509	-1.20408	0.489313	1.07695	1.07695	0.0794924	1.22808	1.22808	0.874811
cg02328113	CDK5;CDK5;SLC4A2	0.0022436	0.0612388	1.22585	1.22585	0.000150529	1.96571	1.96571	0.10273	1.18716	1.18716	0.0367023	1.26556	1.26556	0.00660863	1.41706	1.41706	0.0223544

Probeset ID	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00599273	1.14467	1.14467	0.124427	0.711764	-1.40496	0.151075	0.730178	-1.36953	0.107013	1.43277	1.43277	4.9539	3.27745	0.58808	1
cg22870189	0.325331	-3.07379	0.0354024	0.403503	-2.4783	0.153026	0.567244	-1.76291	0.764373	0.894603	-1.11781	4.76132	10.3514	1.9325	1
cg16716518	0.802549	-1.24603	0.00385415	0.538913	-1.85559	0.0231842	0.64992	-1.53865	0.852631	0.970909	-1.02996	3.66401	1.46259	0.354824	1
cg03249863	0.268375	-3.72613	0.00225469	0.106928	-9.3521	0.133181	0.428612	-2.33311	0.204671	0.496627	-2.01358	4.30359	18.6408	3.85018	1
cg07184237	1.41721	1.41721	0.0023666	0.538528	-1.85691	0.147622	0.797087	-1.25457	0.325777	1.15964	1.15964	28.4418	9.59894	0.299995	1
cg09679690	0.99943	-1.00057	0.000435629	0.402518	-2.48436	0.350805	0.854557	-1.1702	0.437801	1.1383	1.1383	8.79883	3.73287	0.377108	1
cg26102146	1.08624	1.08624	0.104362	1.2294	1.2294	0.557353	0.933295	-1.07147	0.403793	0.905399	-1.10449	8.01851	1.71853	0.190507	1
cg02203833	1.24607	1.24607	0.84003	1.05455	1.05455	0.104858	0.627623	-1.59331	0.437052	0.811908	-1.23167	3.82758	4.18734	0.972435	1
cg04531694	0.921089	-1.08567	1.31E-08	0.116861	-8.55718	0.21136	0.881358	-1.13461	0.334067	1.10027	1.10027	65.1207	9.48775	0.129506	1
cg17919020	1.01678	1.01678	7.19E-05	0.466115	-2.14539	0.0830799	0.816659	-1.2245	0.141405	0.846269	-1.18166	10.4949	1.85176	0.156839	1
cg02328113	1.30599	1.30599	0.487979	0.935263	-1.06922	0.00227543	1.53331	1.53331	0.00144074	1.59035	1.59035	11.0789	1.54239	0.108281	1

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cg10476451	CDKL5;CDKL5	0.00106018	0.174078	1.4405	1.4405	0.398407	1.24389	1.24389	0.000576322	0.260625	-3.83693	0.00257108	0.348145	-2.87237	0.000311497	0.22851	-4.37617
cg08498653	CDKL5;CDKL5	0.00339095	0.0687151	2.01123	2.01123	0.0225599	0.391897	-2.55169	0.0103776	0.330529	-3.02546	0.00855992	0.31653	-3.15926	0.000550036	0.158793	-6.29752
cg15804018	CDKL5;CDKL5	0.0227875	0.0808091	1.85946	1.85946	0.0347109	0.454441	-2.2005	0.129279	0.591495	-1.69063	0.587096	0.838903	-1.19203	0.463667	0.787448	-1.26992
cg03714916	CDKN1A;CDKN1A	0.000101989	0.000359827	0.31323	-3.19254	0.00131709	0.387488	-2.58073	0.00137612	0.390112	-2.56337	0.000156605	0.269183	-3.71494	0.00169865	0.402816	-2.48252
cg13662121	CDKN1A;CDKN1A	0.000415087	0.0153891	0.468057	-2.13649	0.21917	0.719011	-1.3908	0.00423568	0.376306	-2.65741	0.308038	0.763878	-1.30911	0.000900751	0.281321	-3.55466
cg03575501	CDKN1A;CDKN1A	0.000454591	0.331098	0.762229	-1.31194	0.574318	0.857563	-1.16609	0.76772	1.08349	1.08349	0.280128	0.73788	-1.35523	2.47E-05	0.103264	-9.68391
cg15474579	CDKN1A;CDKN1A	0.00192086	0.0200753	0.450675	-2.21889	0.0368274	0.502054	-1.99182	0.00583888	0.358598	-2.78864	0.0621459	0.550635	-1.81609	0.0462702	0.522699	-1.91315
cg18900812	CDKN1A;CDKN1A	0.00406457	0.934464	0.963655	-1.03772	0.0104357	0.234221	-4.26947	0.00151253	0.127825	-7.82318	0.227185	0.565114	-1.76956	0.0369511	0.335973	-2.97643
cg18014042	CDKN1A;CDKN1A	0.00409598	0.029647	0.251748	-3.97223	0.00493446	0.134505	-7.43464	0.0390871	0.276219	-3.62032	0.385785	0.619388	-1.6145	0.00057545	0.0566581	-17.6497
cg08179530	CDKN1A;CDKN1A	0.00878892	0.496594	0.737202	-1.35648	0.305381	0.624874	-1.60032	0.27151	1.66123	1.66123	?	?	?	0.13572	0.488305	-2.0479
cg18955141	CDKN1A;CDKN1A	0.00946453	0.108433	0.651575	-1.53474	0.369741	0.798252	-1.25274	0.0140284	0.476181	-2.10004	0.0207281	0.506004	-1.97627	0.00129875	0.317904	-3.14561
cg11920449	CDKN1A;CDKN1A	0.0110659	0.278819	0.749178	-1.3348	0.0413322	1.82855	1.82855	0.0953832	0.625084	-1.59978	0.189835	0.700382	-1.42779	0.56863	0.862634	-1.15924
cg21091547	CDKN1A;CDKN1A	0.0160142	0.0852905	0.47665	-2.09798	0.00792225	0.265446	-3.76724	0.0210413	0.339268	-2.94753	0.220402	0.605421	-1.65174	0.0128499	0.300186	-3.33127
cg04214946	CDKN1A;CDKN1A	0.0241887	0.103488	0.611455	-1.63544	0.973966	0.991026	-1.00906	0.0172416	0.448649	-2.22891	0.142308	0.646791	-1.54609	0.00254176	0.314421	-3.18045
cg23305046	CDKN1A;CDKN1A	0.0475976	0.674048	0.885316	-1.12954	0.167436	0.654604	-1.52764	0.0131176	0.412382	-2.42493	?	?	?	0.595092	1.16703	1.16703
cg03354771	CDKN1A;CDKN1A;CDKN1A	0.00520396	0.915144	0.989901	-1.0102	0.00645722	1.40113	1.40113	0.586505	0.949041	-1.0537	0.644927	0.956771	-1.04518	0.969246	1.00368	1.00368
cg27495579	CDKN1A;CDKN1A;CDKN1A	0.00627218	0.787898	1.06622	1.06622	0.0150445	0.491393	-2.03503	0.576841	0.874561	-1.14343	0.001819	0.348609	-2.86854	0.000858285	0.304134	-3.28802
cg03562264	CDKN1A;CDKN1A;CDKN1A;CDKN1A	0.00925322	0.867862	0.969812	-1.03113	0.349413	0.837509	-1.19402	0.708273	1.07164	1.07164	0.37042	0.844239	-1.1845	0.0292505	0.623225	-1.60456
cg10800280	CDKN1A;CDKN1A;CDKN1A;CDKN1A	0.0281469	0.914972	0.989837	-1.01027	0.321813	1.10284	1.10284	0.370857	1.09186	1.09186	0.480153	1.07106	1.07106	0.00346969	0.684241	-1.46147
cg19252671	CDKN1B	0.000340354	0.00173908	0.73648	-1.35781	0.627268	1.03409	1.03409	0.249453	1.08594	1.08594	3.53E-05	0.578619	-1.72825	0.510521	0.95531	-1.04678
cg06197769	CDKN1B	0.0003802	4.86E-05	0.176133	-5.67753	0.158477	1.40869	1.40869	0.000468198	0.286484	-3.49059	0.126871	0.687074	-1.45545	0.00331328	0.402855	-2.48228
cg12751042	CDKN1B	0.0240186	0.00772682	0.294586	-3.39459	0.786433	0.907556	-1.10186	0.0290382	0.398898	-2.50691	0.00261239	0.225617	-4.43228	0.929891	0.969059	-1.03193
cg04875709	CDKN1B;CDKN1B	0.00223217	0.703275	0.91939	-1.08768	0.728094	1.07966	1.07966	0.408895	0.830694	-1.20381	0.255643	0.77058	-1.29772	0.000142632	0.236864	-4.22183
cg14598198	CDKN1C;CDKN1C;CDKN1C	1.23E-05	2.61E-07	0.138985	-7.19502	0.013175	0.672538	-1.48691	0.880256	0.980731	-1.01965	0.00812054	0.6457	-1.54871	0.729885	1.04575	1.04575
cg13216372	CDKN1C;CDKN1C;CDKN1C	0.00063271	0.451512	0.90681	-1.10277	0.473065	1.09753	1.09753	0.0388458	1.35664	1.35664	0.710112	1.04877	1.04877	0.0184135	1.44004	1.44004
cg08206623	CDKN1C;CDKN1C;CDKN1C	0.000696628	0.299339	0.895539	-1.11665	0.773059	0.970778	-1.0301	0.406788	1.09095	1.09095	0.926759	1.00948	1.00948	0.090066	0.825616	-1.21122
cg03143849	CDKN1C;CDKN1C;CDKN1C	0.0046219	0.00488671	0.186984	-5.34805	0.000567916	0.0907242	-11.0224	0.119835	0.468341	-2.1352	0.0882015	0.429277	-2.3295	0.00167523	0.132698	-7.5359
cg23146358	CDKN1C;CDKN1C;CDKN1C	0.00942042	0.783284	0.954361	-1.04782	0.0104378	0.579096	-1.72683	0.21716	0.802519	-1.24608	0.446282	0.876748	-1.14058	0.493432	0.888837	-1.12507
cg22022957	CDKN1C;CDKN1C;CDKN1C	0.0163837	0.0574788	0.558198	-1.79148	0.284417	1.35224	1.35224	0.00452792	0.358264	-2.79124	0.147417	1.52478	1.52478	0.0349387	0.513258	-1.94834
cg17265994	CDKN1C;CDKN1C;CDKN1C	0.0248948	0.0329707	0.357943	-2.79374	0.00192333	0.16383	-6.1039	0.0140818	0.286931	-3.48516	0.202382	0.574381	-1.741	0.196698	0.569889	-1.75473
cg23419490	CDKN1C;CDKN1C;CDKN1C	0.0274785	0.115275	0.519251	-1.92585	0.00474795	0.238048	-4.20083	0.697093	1.1615	1.1615	0.429779	1.36136	1.36136	0.00232744	0.196445	-5.09048
cg11944284	CDKN1C;CDKN1C;CDKN1C	0.032068	0.146492	0.535179	-1.86853	0.00518229	0.227601	-4.39365	0.920686	1.04076	1.04076	0.664579	0.839468	-1.19123	0.00172449	0.166357	-6.01117
cg01730944	CDKN1C;CDKN1C;CDKN1C	0.0394049	0.534046	0.86273	-1.15911	0.00571201	0.427549	-2.33891	0.740817	1.08093	1.08093	0.0461559	0.585284	-1.70857	0.177631	0.714705	-1.39918
cg05383783	CDKN1C;CDKN1C;CDKN1C	0.0401145	0.131029	0.63131	-1.58401	0.275653	1.37702	1.37702	0.659719	1.13314	1.13314	0.0563796	1.83947	1.83947	0.0132217	0.420471	-2.37829
cg00374747	CDKN1C;CDKN1C;CDKN1C	0.0430256	0.0470268	0.472847	-2.11485	0.507901	1.24773	1.24773	0.646482	1.16435	1.16435	0.257848	0.677703	-1.47557	0.00671357	0.314009	-3.18462
cg26932552	CDKN1C;CDKN1C;CDKN1C	0.0431378	0.450736	1.05063	1.05063	0.00973006	0.810447	-1.23389	0.0371636	0.855991	-1.16824	0.0294189	0.848016	-1.17922	0.818119	1.01491	1.01491
cg23548479	CDKN1C;CDKN1C;CDKN1C	0.044664	0.469699	0.88886	-1.12504	0.274051	0.833342	-1.19999	0.43116	1.13735	1.13735	0.891646	1.02207	1.02207	0.640726	1.07819	1.07819
cg10929140	CDKN1C;CDKN1C;CDKN1C	0.0463759	0.0860701	0.669409	-1.49386	0.0806208	1.50686	1.50686	0.0481654	0.6201	-1.61264	0.1472	1.38979	1.38979	0.294615	1.25862	1.25862
cg20492951	CDKN1C;CDKN1C;CDKN1C	0.0483688	0.0694641	0.815383	-1.22642	0.403758	1.08967	1.08967	0.0112504	1.37597	1.37597	0.323083	0.902503	-1.10803	0.292865	1.11592	1.11592
cg13601799	CDKN2A;CDKN2A;CDKN2A	6.36E-05	0.505415	1.20293	1.20293	0.784615	0.927834	-1.07778	1.93E-06	25.1195	25.1195	0.568843	1.17051	1.17051	0.535296	0.842278	-1.18726
cg12840719	CDKN2A;CDKN2A;CDKN2A	9.35E-05	0.495627	1.19528	1.19528	0.00547707	2.56439	2.56439	7.35E-06	12.7724	12.7724	0.807693	1.06489	1.06489	0.253751	0.735441	-1.35973
cg04026675	CDKN2A;CDKN2A;CDKN2A	0.00248682	0.264533	1.33496	1.33496	0.0515841	1.73401	1.73401	3.18E-05	7.48044	7.48044	0.38552	1.24734	1.24734	0.612799	0.880927	-1.13517
cg18827396	CDKN2AIP	0.00707533	0.466702	0.7907	-1.2647	0.0902717	0.553283	-1.80739	0.0237982	0.425125	-2.35225	0.394737	0.75853	-1.31834	0.00303652	0.275901	-3.62449
cg05317630	CDKN2AIP	0.00926949	0.182141	0.670216	-1.49206	0.00411478	0.337049	-2.96693	0.20291	0.683974	-1.46204	0.0491914	0.53023	-1.88597	0.000816746	0.240326	-4.16101
cg09109880	CDKN2AIP	0.0350335	0.0326613	1.8811	1.8811	0.149619	1.47771	1.47771	0.0372493	1.84259	1.84259	0.0229321	1.98934	1.98934	0.144113	0.672582	-1.48681
cg04556418	CDKN2AIP	0.037239	0.0149092	0.173007	-5.7801	0.417623	0.615474	-1.62476	0.355514	0.572976	-1.74527	0.317659	0.545937	-1.83171	0.00619209	0.123475	-8.0988
cg16802152	CDKN2AIP;CDKN2AIP	0.000815084	0.0242156	0.523708	-1.90946	0.867168	0.960503	-1.04112	0.0505541	1.70985	1.70985	0.000139459	0.205168	-4.87405	0.00736186	0.435402	-2.29673
cg27563716	CDKN2AIP;CDKN2AIP	0.0106737	0.611788	1.06613	1.06613	0.0670496	1.29282	1.29282	0.71073	1.04771	1.04771	0.461524	1.09833	1.09833	0.141383	1.21881	1.21881
cg23195012	CDKN2AIP;CDKN2AIP	0.0107171	0.148401	0.628112	-1.59207	0.000624711	4.84661	4.84661	0.445731	1.26261	1.26261	0.0731947	0.54915	-1.821	0.0936563	0.575182	-1.73858
cg14779106	CDKN2AIPNL	0.00405212	0.931082	0.991537	-1.00854	0.000712337	0.602607	-1.65946	0.00404703	0.68436	-1.46122	0.765264	0.971008	-1.02986	0.797675	0.975075	-1.02556
cg19096540	CDKN2AIPNL	0.00817294	0.300199	1.44687	1.44687	0.0209409	0.384438	-2.6012	0.0918839	0.528085	-1.89363	0.107367	1.83068	1.83068	0.00992506	0.326051	-3.06701
cg18794878	CDKN2AIPNL	0.0344755	0.0124644	0.479446	-2.08574	0.0185669	0.509213	-1.96381	0.0147341	0.49179	-2.03339	0.481078	1.18451	1.18451	0.0662087	0.614349	-1.62774
cg02400248	CDKN2B;CDKN2B;CDKN2BAS	0.000336636	0.228869	0.879154	-1.13746	0.519797	1.06881	1.06881	0.409811	1.08978	1.08978	0.611462	1.05364	1.05364	0.155099	1.16787	1.16787
cg19133618	CDKN2B;CDKN2B;CDKN2BAS;CDKN2B;CDKN2B	7.76E-05	0.052986	1.37912	1.37912	0.260919	1.18696	1.18696	0.0246898	1.47843	1.47843	0.700261	0.945025	-1.05817	0.114011	1.28572	1.28572
cg13926295	CDKN2B;CDKN2BAS;CDKN2B	0.00279068	?	?	?	0.346551	0.80393	-1.24389	0.108843	0.656287	-1.52372	?	?	?	?	?	?
cg14069088	CDKN2BAS	1.06E-05	0.469552	1.24415	1.24415	4.29E-05	0.0994531	-10.055	9.33E-05	0.126277	-7.91913	0.000844059	0.225307	-4.43838	7.00E-05	0.11591	-8.6274
cg10848754	CDKN2BAS;CDKN2A	0.000302215	0.27025	0.73215	-1.36584	0.581242	0.85959	-1.16335	0.233102	0.712084	-1.40433	0.497979	0.82957	-1.20544	0.129928	0.641283	-1.55937
cg00718440	CDKN2BAS;CDKN2A	0.00303663	0.00951554	0.83765	-1.19382	0.187274	1.0783	1.0783	0.332528	1.0554	1.0554	0.0486603	0.88563	-1.12914	0.0780367	1.11138	1.11138
cg14430974	CDKN2BAS;CDKN2A	0.00516698	0.192842	2.11681	2.11681	0.772988	1.17044	1.17044	0.55649	0.723517	-1.38214	0.535873	0.710976	-1.40652	0.167269	0.448854	-2.22789
cg16911228	CDKN2C	0.000363345	0.678172	0.879786	-1.13664	0.00538052	3.07955	3.07955	0.11572	1.69011	1.69011	0.895215	1.04127	1.04127	0.000212632	0.149678	-6.68099
cg07013994	CDKN2C	0.000558282	0.318994	0.651762	-1.5343	4.06E-05	0.0385552	-25.9368	0.085583	2.20306	2.20306	0.0550382	2.47003	2.47003	0.0368987	2.73866	2.73866
cg00908631	CDKN2C	0.0241084	0.0321718	0.401845	-2.48852	0.362656	0.711806	-1.40488	0.0252776	0.380424	-2.62865	0.310228	0.682829	-1.46449	0.00673864	0.279037	-3.58376
cg07370959	CDKN2C;CDKN2C	0.00269507	0.450588	0.873437	-1.1449	0.555977	1.11053	1.11053	0.158404	0.766885	-1.30398	0.637842	0.919925	-1.08704	0.0273394	0.631542	-1.58343
cg10982358	CDKN2C;CDKN2C	0.00755103	0.187372	0.587883	-1.70102	0.270114	1.54738	1.54738	0.307145	1.49469	1.49469	0.845184	0.928371	-1.07716	0.809825	0.912417	-1.09599
cg25592206	CDKN2C;CDKN2C	0.0197823	0.00447813	0.0830956	-12.0343	0.0192069	0.155755	-6.42034	0.354258	0.534962	-1.86929	0.217954	0.427137	-2.34117	0.0134973	0.134375	-7.44186
cg07099107	CDKN2C;CDKN2C;CDKN2C	0.000167986	0.691838	0.923302	-1.08307	2.38E-06	0.10045	-9.9552	0.362	1.20645	1.20645	0.901236	1.02518	1.02518	0.229906	1.28702	1.28702
cg16135470	CDKN2C;CDKN2C;CDKN2C	0.0374865	0.771078	1.04892	1.04892	0.15243	1.28518	1.28518	0.335082	1.1767	1.1767	0.023157	0.641204	-1.55957	0.0819275	1.37098	1.37098
cg19640439	CDKN2C;CDKN2C;CDKN2C	0.0377172	0.814205	1.05313	1.05313	0.155213	0.715708	-1.39722	0.558971	0.878137	-1.13877	0.0522887	1.62481	1.62481	0.0414202	1.67734	1.67734
cg03007623	CDKN2D;CDKN2D	0.00140414	0.763781	0.882695	-1.13289	0.449191	0.72668	-1.37612	0.252606	1.64005	1.64005	0.229524	1.68537	1.68537	0.535438	0.771189	-1.2967
cg12754417	CDKN2D;CDKN2D	0.0058501	0.0025738	1.46947	1.46947	0.000782645	1.59648	1.59648	0.382141	1.08605	1.08605	0.814153	1.02192	1.02192	0.043421	1.23851	1.23851
cg01610602	CDKN2D;CDKN2D	0.025852	?	?	?	0.83549	0.942251	-1.06129	0.36447	1.30548	1.30548	0.346321	1.31972	1.31972	0.369082	1.30197	1.30197
cg04833646	CDKN2D;CDKN2D	0.0264444	0.229401	0.774657	-1.29089	0.264502	1.26548	1.26548	0.057444	1.54503	1.54503	0.152384	0.733182	-1.36392	0.137744	0.723547	-1.38208
cg08312369	CDKN2D;CDKN2D	0.0405217	0.00240452	1.53141	1.53141	0.0767217	1.21949	1.21949	0.156006	1.1653	1.1653	0.0364293	1.27776	1.27776	0.221517	1.13828	1.13828
cg25685983	CDKN2D;KRI1;CDKN2D	0.00187613	0.00637932	0.567759	-1.76131	0.508549	0.898572	-1.11288	0.0242501	0.651599	-1.53469	0.0474579	0.696572	-1.4356	0.000610367	0.430848	-2.32101
cg17491564	CDKN2D;KRI1;CDKN2D	0.0068	0.103904	0.643117	-1.55493	0.624948	1.1301	1.1301	0.961272	1.01213	1.01213	0.101493	1.56067	1.56067	0.000358247	0.241303	-4.14417
cg14144732	CDKN3;CDKN3	0.00017966	0.00985331	1.71678	1.71678	0.365136	0.857118	-1.1667	0.0599416	1.42143	1.42143	0.0135991	1.65841	1.65841	0.00532573	0.544248	-1.8374
cg04290510	CDKN3;CDKN3	0.0326726	0.0119245	0.558425	-1.79075	0.00665605	0.520046	-1.92291	0.0631332	0.678339	-1.47419	0.96854	0.992704	-1.00735	0.025653	0.611284	-1.6359
cg01209943	CDKN3;CDKN3	0.0417543	0.820037	0.959203	-1.04253	0.0545761	0.671249	-1.48976	0.380177	0.848274	-1.17886	0.0080972	0.538038	-1.8586	0.658046	0.921802	-1.08483
cg02252340	CDKN3;CDKN3;CDKN3;CDKN3	0.0227429	0.60726	1.09538	1.09538	0.15939	0.767802	-1.30242	0.137869	1.32411	1.32411	0.11737	1.34831	1.34831	0.0643197	1.44084	1.44084
cg27275193	CDNF	0.00382525	0.00129242	0.208987	-4.785	0.389876	0.74513	-1.34205	0.353642	0.727131	-1.37527	0.32217	0.710721	-1.40702	0.000224178	0.128714	-7.76914
cg05335277	CDNF	0.0205038	0.0199068	0.412219	-2.42589	0.0106001	0.362927	-2.75537	0.0694267	0.527055	-1.89734	0.504693	0.807776	-1.23797	0.00172542	0.24415	-4.09585
cg25115135	CDNF	0.0306532	0.0236431	0.351821	-2.84235	0.0430251	0.406487	-2.46011	0.00997174	0.284196	-3.51869	0.764813	1.12299	1.12299	0.0144067	0.311584	-3.20941
cg12832988	CDNF;HSPA14	0.000550239	0.0217586	1.41191	1.41191	0.522254	0.921986	-1.08462	0.393163	0.896235	-1.11578	0.330549	1.134	1.134	0.0631593	1.2992	1.2992
cg18520851	CDO1	3.05E-05	0.796933	1.04225	1.04225	0.0768405	0.729213	-1.37134	0.0590848	0.710307	-1.40784	0.000419531	2.45333	2.45333	9.58E-05	0.328167	-3.04723
cg06682875	CDO1	0.000562214	0.0913515	0.575957	-1.73624	0.00127693	0.248083	-4.03091	0.00666254	0.351804	-2.8425	0.00133896	3.98797	3.98797	0.969525	0.988728	-1.0114
cg07600499	CDO1	0.0305164	0.886526	0.951278	-1.05122	0.576094	0.820702	-1.21847	0.156283	0.588298	-1.69982	0.181518	1.64241	1.64241	0.0190671	0.370601	-2.69832
cg16265906	CDO1;CDO1	0.0264482	0.655353	0.956808	-1.04514	0.0562524	1.23673	1.23673	0.0258654	1.29694	1.29694	0.079415	1.2109	1.2109	0.00152327	1.5661	1.5661
cg12442803	CDON	0.000625814	0.0724682	0.473948	-2.10994	0.0164947	0.335754	-2.97837	0.767753	0.895545	-1.11664	0.181689	0.589693	-1.6958	2.56E-05	0.0446164	-22.4133
cg20959106	CDON	0.000758429	0.00737317	0.44618	-2.24125	0.369579	0.806244	-1.24032	0.301063	1.28459	1.28459	0.00812815	0.452972	-2.20764	0.000142817	0.21599	-4.62985
cg03965198	CDON	0.0157552	0.543697	0.879243	-1.13734	0.448732	0.850743	-1.17544	0.865363	0.965091	-1.03617	0.939896	0.984334	-1.01591	0.733192	0.930862	-1.07427
cg09452848	CDON	0.0190124	0.0227038	0.20461	-4.88736	0.0567422	0.285208	-3.50621	0.17563	0.432669	-2.31123	0.286282	0.525083	-1.90446	0.0296723	0.225584	-4.43293
cg07038822	CDON	0.0263415	0.00257634	0.277079	-3.60908	0.657533	1.14687	1.14687	0.343454	1.34953	1.34953	0.786108	0.919849	-1.08714	0.26877	0.702034	-1.42443
cg02457752	CDR1	0.000337346	0.121083	0.692655	-1.44372	0.970553	0.991968	-1.0081	0.00020415	0.256681	-3.89588	0.887231	0.969478	-1.03148	1.14E-05	0.130756	-7.64784
cg24922864	CDR1	0.00302106	0.52392	0.875064	-1.14277	0.701714	0.92356	-1.08277	0.0303029	0.59085	-1.69248	0.664356	0.913739	-1.0944	9.89E-05	0.239729	-4.17138
cg09891468	CDR1	0.0123196	0.521163	1.26451	1.26451	0.118093	0.542049	-1.84485	0.0705035	0.48215	-2.07404	0.240087	0.641524	-1.55879	0.000396324	0.13061	-7.65637
cg08214957	CDR1	0.0177377	0.533309	1.23783	1.23783	0.425772	0.759556	-1.31656	0.0330759	0.430564	-2.32254	0.866802	1.05841	1.05841	0.000571906	0.164714	-6.07113
cg06297541	CDR2	0.00152431	0.00348366	0.549012	-1.82145	8.95E-06	0.23327	-4.28687	0.00445872	0.563432	-1.77484	0.306416	1.17369	1.17369	0.00487667	0.568694	-1.75841
cg04496250	CDR2	0.000997412	0.831785	0.980829	-1.01955	0.0039311	0.81001	-1.23455	0.0056388	0.71849	-1.39181	0.0299769	0.792665	-1.26157	0.00370881	1.4273	1.4273
cg06470626	CDR2	0.0016072	0.00865206	0.327069	-3.05746	0.0133517	0.359391	-2.78249	0.000439299	0.156587	-6.38622	0.0165879	0.376447	-2.65641	0.0111775	0.345873	-2.89124
cg11897034	CDR2	0.00757174	0.433715	0.919447	-1.08761	0.00343481	0.658467	-1.51868	0.689142	0.958607	-1.04318	0.644724	1.05002	1.05002	0.193182	0.865224	-1.15577
cg00069261	CDR2	0.0108168	0.100958	0.644077	-1.55261	0.0126504	2.13641	2.13641	0.0463959	1.74851	1.74851	0.482003	0.839443	-1.19127	0.00423699	0.391569	-2.55383
cg10111816	CDR2	0.0143348	0.0113816	0.105224	-9.50355	0.0295988	0.149799	-6.67563	[illegible]	[illegible]	[illegible]	[illegible]	0.280707	-3.56244	0.0545536	0.0744184	-13.4375
cg00222291	CDR2;CDR2	0.0034222	0.621661	0.952286	-1.0501	0.632271	0.953724	-1.04852	0.578247	1.05677	1.05677	0.1671	1.15722	1.15722	0.0068501	1.43118	1.43118
cg05776388	CDR2L	0.0029862	0.872159	0.955908	-1.04613	0.00016556	6.03271	6.03271	0.853154	1.05325	1.05325	0.00036854	4.93713	4.93713	0.680159	1.12308	1.12308
cg27610941	CDR2L	0.0076705	0.470527	0.940072	-1.06375	0.000500149	1.57967	1.57967	0.0114258	1.30536	1.30536	0.46859	1.06405	1.06405	0.158837	1.13517	1.13517
cg14030083	CDR2L	0.0102447	0.250895	1.19061	1.19061	0.0245138	0.677315	-1.47642	0.774129	0.891463	-1.12175	0.438595	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25219679	CDR2L	0.0254341	0.812417	0.937062	-1.06717	0.464852	1.22556	1.22556	0.356711	1.2959	1.2959	0.00308631	0.330414	-3.0265	0.326004	0.757827	-1.31956
cg11130621	CDR2L	0.0363582	0.00436586	0.472602	-2.11595	0.0932187	1.43833	1.43833	0.220112	1.2889	1.2889	0.110404	1.40839	1.40839	0.161068	1.34363	1.34363
cg11563321	CDRT1	0.0147579	0.00783717	0.496581	-2.01377	0.00171274	0.399182	-2.50512	0.366861	0.826826	-1.20944	0.399336	0.837786	-1.19362	0.00846831	0.501823	-1.99273
cg00902417	CDRT1	0.0247512	0.22776	1.56753	1.56753	0.128795	0.558345	-1.79101	0.142246	0.571157	-1.75083	0.883258	1.05355	1.05355	0.00283521	0.232445	-4.30209
cg19563686	CDRT15	0.00300673	0.340601	0.812635	-1.23056	0.179623	1.35135	1.35135	0.93179	1.01825	1.01825	0.730694	1.07572	1.07572	0.000252802	0.279605	-3.57648
cg04748321	CDRT15	0.00319323	0.0607831	0.745658	-1.3411	0.0658481	1.33186	1.33186	0.0320173	1.41738	1.41738	0.241064	0.843327	-1.18578	0.0191044	1.48263	1.48263
cg16019477	CDRT15	0.0129905	0.169302	0.824156	-1.21336	0.00107268	0.528263	-1.893	0.31972	1.14546	1.14546	0.717665	0.953173	-1.04913	0.588579	1.07479	1.07479
cg14819838	CDRT15	0.0217459	0.157931	0.621241	-1.60968	0.00513384	0.311742	-3.20778	[illegible]	[illegible]	[illegible]	[illegible]	0.649337	-1.54003	0.00532829	0.314235	-3.18233
cg09080788	CDRT15P	7.50E-08	0.0870781	1.36048	1.36048	0.395309	0.869209	-1.15047	0.0117935	1.68692	1.68692	0.98113	0.996213	-1.0038	8.36E-10	0.00112431	-889.433
cg12360231	CDRT15P	0.00228284	0.162929	0.837527	-1.19399	0.0393392	1.32817	1.32817	0.0171651	0.586998	-1.70358	0.0804533	0.793882	-1.25963	0.0800194	0.793563	-1.26014
cg18370923	CDRT15P	0.00795019	0.00609997	0.517616	-1.93194	0.773954	1.0544	1.0544	0.327507	1.20434	1.20434	0.685875	0.92793	-1.07767	0.0609901	1.47468	1.47468
cg26988585	CDRT15P	0.0113542	0.0322981	0.770941	-1.29712	0.00505086	1.46929	1.46929	0.47865	1.07761	1.07761	0.310533	0.896826	-1.11504	0.0635688	0.805359	-1.24168
cg09154850	CDRT4	0.00694712	0.0128678	0.431731	-2.31625	0.0551948	1.80603	1.80603	0.880472	1.04117	1.04117	0.649042	1.1327	1.1327	0.0789558	0.588313	-1.69977
cg20561661	CDRT4	0.0084126	0.067738	0.769374	-1.29976	0.647748	1.06071	1.06071	0.0659617	0.767744	-1.30252	0.391251	0.893557	-1.11912	0.0124707	1.4893	1.4893
cg19533679	CDRT4	0.0106948	0.0114682	0.338491	-2.95429	0.000747669	0.307471	-3.25234	0.0491123	0.447995	-2.23217	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03470772	CDS1	7.21E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21096050	CDS1	0.00249168	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18659109	CDS1	0.010803	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04331802	CDS1	0.015847	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06252290	CDS1	0.0160003	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17084361	CDS1	0.0273719	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05181186	CDS1;CDS1	0.0339852	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01511104	CDS2;CDS2;PCNA	0.0134606	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01199328	CDS2;CDS2;PCNA	0.0350391	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11820558	CDS2;PCNA	0.00494443	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25984124	CDS2;PCNA	0.00926542	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06321045	CDSN;PSORS1C1	0.000635125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23900141	CDSN;PSORS1C1	0.00185605	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24331963	CDSN;PSORS1C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16711591	CDSN;PSORS1C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00817437	CDSN;PSORS1C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08567000	CDSN;PSORS1C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	CDSN;PSORS1C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08424423	CDSN;PSORS1C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19222156	CDSN;PSORS1C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10476451	0.049845	1.75885	1.75885	0.183047	1.42849	1.42849	0.336246	1.28439	1.28439	0.119966	0.653244	-1.53082	11.573	11.6785	0.896994	1
cg08498653	0.0975474	1.86544	1.86544	0.202052	1.58719	1.58719	0.76256	1.10951	1.10951	0.876477	1.0548	1.0548	8.25154	15.3713	1.65586	1
cg15804018	0.00513608	3.26793	3.26793	0.0639538	1.94845	1.94845	0.0843216	1.84366	1.84366	0.760504	0.906699	-1.1029	4.49922	7.31331	1.44485	1
cg03714916	0.0239309	0.578978	-1.72718	1.95E-05	0.172549	-5.79547	2.99E-05	0.190594	-5.24676	0.00238389	0.42363	-2.36055	22.0242	14.3504	0.579177	1
cg13662121	0.090538	1.60975	1.60975	4.06E-05	0.135432	-7.38379	0.000205953	0.204518	-4.88954	0.0361079	0.536764	-1.86302	15.0458	15.529	0.917441	1
cg03575501	4.10E-05	0.120272	-8.31446	0.136306	0.647539	-1.54431	0.281982	0.738811	-1.35353	0.543228	0.846532	-1.18129	14.6725	17.0345	1.03198	1
cg15474579	0.76253	1.08992	1.08992	0.000375953	0.198799	-5.03022	0.000167856	0.16202	-6.17209	0.0281711	0.478778	-2.08865	9.75589	12.4746	1.1366	1
cg18900812	0.000166053	0.0556864	-17.9577	0.125219	0.473758	-2.11078	0.0578614	0.380861	-2.62563	0.132216	0.481247	-2.07794	7.81466	25.0812	2.8529	1
cg18014042	0.0197698	0.219492	-4.55597	0.00111274	0.0751805	-13.3013	0.0200204	0.220436	-4.53647	0.0104371	0.176028	-5.68091	7.79654	35.8418	4.08635	1
cg08179530	0.000260259	0.0562047	-17.7921	0.860731	0.925521	-1.08047	0.158464	1.95663	1.95663	0.262448	0.595584	-1.67902	7.15572	19.1511	2.3418	1
cg18955141	0.0701074	0.609368	-1.64104	0.0157552	0.484912	-2.06223	0.00167029	0.33298	-3.00318	0.314022	0.775142	-1.29009	6.01536	5.70083	0.842411	1
cg11920449	0.0317827	1.90684	1.90684	0.0136475	0.457306	-2.18672	0.00281618	0.348084	-2.87287	0.390995	1.25284	1.25284	5.7215	5.95992	0.925929	1
cg21091547	0.394927	0.712221	-1.40406	0.00144268	0.166343	-6.01167	0.0209114	0.338752	-2.95201	0.21457	0.601156	-1.66346	5.0695	12.1803	2.13571	1
cg04214946	0.253984	0.71959	-1.38968	0.105103	1.63103	1.63103	0.0429629	0.525474	-1.90304	0.137026	0.642448	-1.55655	4.40742	5.32699	1.07435	1
cg23305046	0.189862	0.670433	-1.49157	0.00470828	0.339099	-2.94899	0.489702	1.22392	1.22392	0.607997	0.86159	-1.16064	3.5036	4.08967	1.16728	1
cg03354771	0.22301	1.12969	1.12969	0.000174913	0.545323	-1.83377	0.678426	1.04051	1.04051	0.772812	0.972809	-1.02795	7.24946	1.04134	0.127683	1
cg27495579	0.197606	0.723389	-1.38238	0.795661	0.940161	-1.06365	0.365043	0.801484	-1.24769	0.054049	1.68189	1.68189	6.84464	6.12819	0.795846	1
cg03562264	0.810196	0.956673	-1.04529	0.00086207	2.51165	2.51165	0.0595686	0.676092	-1.47909	0.01913	1.68536	1.68536	6.05874	3.25183	0.477083	1
cg10800280	0.358218	0.913601	-1.09457	0.244244	0.890018	-1.12357	0.0309272	1.27422	1.27422	0.051219	1.23656	1.23656	4.18007	0.605574	0.128775	1
cg19252671	0.0108081	0.803082	-1.2452	0.00147328	1.36939	1.36939	0.3188	0.931857	-1.07313	0.0285632	1.19358	1.19358	15.8908	1.18085	0.0660538	1
cg06197769	0.601119	1.12739	1.12739	0.000203709	0.242817	-4.11832	0.132448	0.691395	-1.44635	0.887827	0.968428	-1.0326	15.4143	12.6136	0.727384	1
cg12751042	0.140129	0.567266	-1.76284	0.112398	0.53939	-1.85395	0.499279	1.27757	1.27757	0.495351	1.28054	1.28054	4.41821	8.92671	1.79594	1
cg04875709	0.000988983	0.34131	-2.92989	0.07614	0.648313	-1.54246	0.916565	1.02328	1.02328	0.0270924	1.77645	1.77645	9.33753	7.13236	0.678967	1
cg14598198	0.00273521	0.586365	-1.70542	0.000262014	2.16949	2.16949	0.230518	1.17628	1.17628	0.483837	1.09619	1.09619	38.4501	10.1452	0.234536	1
cg13216372	0.00306384	1.67717	1.67717	1.92E-05	3.02438	3.02438	0.0188915	0.695864	-1.43706	0.934134	0.989515	-1.0106	13.3841	3.44713	0.228937	1
cg08206623	0.532132	1.06706	1.06706	7.40E-06	2.75278	2.75278	0.695628	1.04115	1.04115	0.717383	1.03799	1.03799	13.0286	2.17092	0.148114	1
cg03143849	0.232692	0.569766	-1.75511	0.0272498	0.308981	-3.23644	0.0049162	0.18733	-5.33818	0.018354	0.276285	-3.61945	7.51647	24.0521	2.84438	1
cg23146358	0.232364	0.8088	-1.2364	0.000191473	0.344843	-2.89987	0.329704	1.18581	1.18581	0.742802	0.945736	-1.05738	6.02431	2.73901	0.404141	1
cg22022957	0.00741085	0.392146	-2.55007	0.62468	0.87476	-1.14317	0.0333502	0.509237	-1.96372	0.585573	0.86121	-1.16116	5.03113	5.86804	1.03675	1
cg17265994	0.934704	0.966807	-1.03433	0.0972355	0.472473	-2.11652	0.0405137	0.377352	-2.65005	0.0240997	0.330177	-3.02868	4.36363	11.7287	2.38918	1
cg23419490	0.576274	0.805663	-1.24121	0.557779	0.797014	-1.25468	0.111945	0.515563	-1.93963	0.822315	0.917513	-1.0899	4.21558	9.7806	2.06232	1
cg11944284	0.676594	0.845137	-1.18324	0.319749	0.662054	-1.51045	0.113503	0.501195	-1.99523	0.765725	0.887046	-1.12734	3.99085	10.1689	2.26495	1
cg01730944	0.0430359	0.579351	-1.72607	0.119974	0.673355	-1.4851	0.0955446	1.53618	1.53618	0.548879	1.15281	1.15281	3.70351	3.22411	0.773828	1
cg05383783	0.398064	0.783417	-1.27646	0.161586	0.65594	-1.52453	0.0142924	0.426444	-2.34497	0.623728	0.869807	-1.14968	3.67926	4.63731	1.12035	1
cg00374747	0.249132	0.672402	-1.4872	0.0215548	0.402749	-2.48294	0.0207711	0.399661	-2.50212	0.774396	0.909653	-1.09932	3.58506	6.16436	1.52841	1
cg26932552	0.991541	1.00068	1.00068	0.0796849	0.882492	-1.13315	0.11294	1.11727	1.11727	0.69574	0.975056	-1.02558	3.58158	0.234316	0.0581532	1
cg23548479	0.00261662	0.512965	-1.94945	0.0159479	0.623314	-1.60433	0.579895	0.914333	-1.09369	0.097736	0.747506	-1.33778	3.53543	1.43666	0.36121	1
cg10929140	0.0418417	0.608737	-1.64275	0.300357	1.25496	1.25496	0.873423	0.966825	-1.03431	0.0642761	0.644077	-1.55261	3.48591	2.4722	0.630398	1
cg20492951	0.22053	0.878573	-1.13821	0.204001	1.14424	1.14424	0.148123	1.16874	1.16874	0.049597	1.25251	1.25251	3.43102	0.548931	0.142214	1
cg13601799	0.211166	0.697558	-1.43357	0.00500582	0.362269	-2.76038	0.000117029	6.3269	6.3269	0.523903	1.19314	1.19314	24.9788	29.5713	1.05232	1
cg12840719	0.942014	0.981419	-1.01893	0.631536	0.882873	-1.13267	1.15E-05	11.0055	11.0055	0.518696	1.18374	1.18374	22.5447	23.7343	0.935791	1
cg04026675	0.143605	1.47756	1.47756	0.937397	1.01971	1.01971	0.0124259	2.16603	2.16603	0.332325	1.28204	1.28204	9.0461	8.84201	0.868835	1
cg18827396	0.178726	0.635748	-1.57295	0.000527431	0.180466	-5.54121	0.174548	0.632611	-1.58075	0.00294278	0.273961	-3.65015	6.59307	10.4971	1.41524	1
cg05317630	0.578912	0.853496	-1.17165	0.058699	0.546932	-1.82838	0.0793645	0.576765	-1.73381	0.00290297	0.314526	-3.17939	6.05535	7.65799	1.12415	1
cg09109880	0.244529	1.36033	1.36033	0.977068	0.992761	-1.00729	0.939124	1.01949	1.01949	0.036697	0.541441	-1.84692	3.86579	3.91173	0.899451	1
cg04556418	0.0440947	0.257848	-3.87825	0.00716722	0.130766	-7.64727	0.537156	0.693395	-1.44218	0.063355	0.294208	-3.39896	3.78097	20.5605	4.83367	1
cg16802152	0.00671991	0.429069	-2.33063	0.0152912	2.04804	2.04804	0.0541631	1.69231	1.69231	0.069185	1.63142	1.63142	12.4664	11.442	0.815851	1
cg27563716	0.519635	1.0851	1.0851	0.000327572	0.483742	-2.06722	0.295082	0.872967	-1.14552	0.316273	1.13841	1.13841	5.78834	1.43506	0.220376	1
cg23195012	0.172196	0.646671	-1.54638	0.784627	1.08565	1.08565	0.0796628	1.79233	1.79233	0.743605	1.10347	1.10347	5.7808	8.23922	1.26691	1
cg14779106	0.481582	1.07281	1.07281	0.00677635	1.41171	1.41171	0.0137495	0.741348	-1.34889	0.559877	0.943719	-1.05964	7.8219	1.19595	0.135909	1
cg19096540	0.218324	1.56132	1.56132	0.00127887	0.198689	-5.033	0.429618	0.757734	-1.31972	0.0523594	0.468043	-2.13655	6.30156	11.8159	1.66673	1
cg18794878	0.020563	0.517049	-1.93405	0.300697	0.776038	-1.2886	0.531207	0.860736	-1.1618	0.0566302	0.600395	-1.66557	3.8883	3.44259	0.786997	1
cg02400248	0.105318	1.1978	1.1978	0.153332	0.855607	-1.16876	3.73E-06	3.01222	3.01222	0.0185411	1.33806	1.33806	15.9387	2.62594	0.146446	1
cg19133618	0.327886	1.15908	1.15908	0.0688866	0.742603	-1.34661	6.99E-07	7.15482	7.15482	0.659971	1.06686	1.06686	23.6884	8.01644	0.300811	1
cg13926295	?	?	?	0.00786418	2.745	2.745	0.000437351	8.88472	8.88472	0.0821983	1.60419	1.60419	30.4697	11.0788	0.290882	1
cg14069088	7.93E-06	0.0548113	-18.2444	3.03E-06	0.0369148	-27.0894	0.168323	1.54631	1.54631	8.15E-05	0.121317	-8.24289	39.9798	55.8173	1.24101	1
cg10848754	0.344487	0.767625	-1.30272	0.643152	0.88099	-1.13509	3.56E-06	19.193	19.193	0.589675	1.15936	1.15936	16.417	19.1782	1.03839	1
cg00718440	0.782383	0.985177	-1.01505	0.30474	1.059	1.059	0.0152999	0.851639	-1.17421	0.000370422	1.35978	1.35978	8.52736	0.39286	0.0409516	1
cg14430974	0.983663	1.0112	1.0112	0.893144	1.07587	1.07587	7.06E-05	51.657	51.657	0.409727	1.58209	1.58209	7.2653	34.0684	4.16817	1
cg16911228	2.82E-05	0.0797764	-12.535	0.406261	0.770457	-1.29793	0.075442	0.544736	-1.83575	0.296321	0.71723	-1.39425	15.6079	23.2865	1.3262	1
cg07013994	0.793888	0.896882	-1.11497	0.000560014	0.108171	-9.24463	0.268557	1.61443	1.61443	0.39224	1.43954	1.43954	13.8594	37.9226	2.43222	1
cg00908631	0.218902	1.5997	1.5997	0.262443	0.654068	-1.52889	0.0065368	0.27698	-3.61037	0.53117	1.2592	1.2592	4.4125	9.22588	1.85853	1
cg07370959	0.00017664	0.326533	-3.06247	0.980725	0.995756	-1.00426	0.0170197	1.66895	1.66895	0.012857	1.72253	1.72253	8.83416	4.33554	0.43624	1
cg10982358	0.54908	0.794155	-1.2592	0.000199799	0.0930979	-10.7414	0.0555585	2.2815	2.2815	0.295098	1.51104	1.51104	6.46027	14.7882	2.03475	1
cg25592206	0.578743	1.44503	1.44503	0.444848	1.66735	1.66735	0.00831327	0.109236	-9.15447	0.113043	0.322368	-3.10205	4.72208	32.2203	6.06518	1
cg07099107	0.00273286	0.436688	-2.28997	0.0163365	0.555413	-1.80046	0.512382	0.875386	-1.14235	0.350886	1.21206	1.21206	19.2593	12.2382	0.564841	1
cg16135470	0.45677	0.883331	-1.13208	0.0141179	0.609074	-1.64184	0.288623	1.1976	1.1976	0.0975994	1.34653	1.34653	3.77184	1.60059	0.377203	1
cg19640439	0.447131	1.18576	1.18576	0.00407548	0.428366	-2.33445	0.894368	1.02964	1.02964	0.828507	0.953415	-1.04886	3.7634	2.88231	0.680781	1
cg03007623	0.325442	0.65681	-1.52251	1.81E-05	37.4738	37.4738	0.151889	0.529652	-1.88803	0.800119	1.11075	1.11075	10.6805	28.9923	2.4129	1
cg12754417	0.121857	0.856897	-1.167	0.27815	1.10944	1.10944	0.0527019	0.816416	-1.22487	0.191885	1.13568	1.13568	6.99353	0.939454	0.119406	1
cg01610602	0.139341	1.57631	1.57631	0.00111047	0.252973	-3.95299	0.325705	1.3368	1.3368	0.597505	0.858629	-1.16465	4.38131	5.04713	1.15197	1
cg04833646	0.965983	0.991403	-1.00867	0.00171827	2.47405	2.47405	0.980918	1.00485	1.00485	0.515908	0.875147	-1.14267	4.27268	2.77361	0.577023	1
cg08312369	0.872553	0.983949	-1.01631	0.774361	1.0294	1.0294	0.157274	1.16468	1.16468	0.020005	1.32704	1.32704	3.66559	0.589807	0.143026	1
cg25685983	0.790922	0.958514	-1.04328	0.000102792	0.334152	-2.99265	0.742303	1.05403	1.05403	0.0657275	0.719418	-1.39001	9.82295	3.95616	0.357997	1
cg17491564	0.995701	0.998663	-1.00134	0.0040785	0.384067	-2.60371	0.474523	1.19788	1.19788	0.782954	0.933745	-1.07096	6.67512	6.51536	0.867614	1
cg14144732	0.000283591	0.374334	-2.67141	5.88E-05	3.42961	3.42961	0.00169483	2.10234	2.10234	0.330271	1.18111	1.18111	18.9127	8.22312	0.386484	1
cg04290510	0.061916	0.676816	-1.47751	0.0433683	0.649585	-1.53944	0.109932	0.723582	-1.38201	0.0350131	0.633734	-1.57795	3.96422	2.16471	0.485389	1
cg01209943	0.472202	1.14301	1.14301	0.00409059	0.494484	-2.02231	0.0997782	0.71913	-1.39057	0.257471	0.805721	-1.24112	3.6252	1.91844	0.470397	1
cg02252340	0.0175121	0.601654	-1.66209	0.0100576	1.76965	1.76965	0.0720938	1.42296	1.42296	0.110179	1.35787	1.35787	4.50226	2.20153	0.434652	1
cg27275193	0.0246461	0.409245	-2.44352	0.972518	1.01157	1.01157	0.22452	0.653118	-1.53112	0.00399321	0.274734	-3.63989	7.95881	14.0527	1.56949	1
cg05335277	0.656509	0.868359	-1.1516	0.192515	0.647297	-1.54489	0.164195	0.626212	-1.5969	0.0119339	0.371836	-2.68936	4.66492	7.34672	1.3999	1
cg25115135	0.206128	0.597137	-1.67466	0.0105245	0.288089	-3.47116	0.916764	0.960388	-1.04125	0.110267	0.510214	-1.95996	4.05565	9.6015	2.10439	1
cg12832988	0.0184591	1.43041	1.43041	0.000182978	0.452835	-2.20831	0.000131631	0.435639	-2.29548	0.136958	0.818204	-1.22219	13.9154	3.45702	0.220827	1
cg18520851	0.00759406	1.73501	1.73501	1.69E-05	0.242299	-4.12713	7.53E-05	3.16769	3.16769	0.127648	0.767698	-1.3026	30.3144	12.366	0.362598	1
cg06682875	0.000584359	4.84222	4.84222	0.222674	0.683687	-1.46266	0.00350801	3.23807	3.23807	0.432021	1.26865	1.26865	13.8323	19.2898	1.2396	1
cg07600499	0.274992	1.48781	1.48781	0.0779768	0.504029	-1.98401	0.011085	3.04713	3.04713	0.0901851	0.520356	-1.92176	4.06211	7.87277	1.72275	1
cg16265906	0.140376	1.16869	1.16869	0.950306	1.00614	1.00614	0.300982	0.900028	-1.11108	0.377975	1.09298	1.09298	4.27246	0.653603	0.135983	1
cg12442803	0.265749	0.649189	-1.54038	0.00026239	0.107002	-9.34561	0.00109194	0.166153	-6.01856	0.181832	0.589807	-1.69547	13.4251	29.5085	1.95378	1
cg20959106	0.874591	0.963757	-1.03761	0.000296579	0.252369	-3.96245	0.00152656	0.344229	-2.90504	0.00333297	0.393032	-2.54432	12.7215	11.0061	0.769024	1
cg03965198	0.000197993	0.270008	-3.7036	0.502898	1.15299	1.15299	0.395014	0.833265	-1.2001	0.451118	1.17441	1.17441	5.09704	3.53925	0.61722	1
cg09452848	0.0214996	0.200565	-4.98592	0.00224474	0.0830128	-12.0463	0.00649377	0.127699	-7.83094	0.053252	0.27874	-3.58757	4.786	25.6526	4.76438	1
cg07038822	0.0825478	0.55399	-1.80509	0.108103	0.583651	-1.71335	0.11795	0.593664	-1.68446	0.00667507	0.339271	-2.94749	4.27851	6.39267	1.32812	1
cg02457752	0.928379	0.980552	-1.01983	0.0336268	1.71967	1.71967	0.971749	0.992294	-1.00777	0.305839	0.793247	-1.26064	15.9295	12.0402	0.671861	1
cg24922864	0.0113547	1.92499	1.92499	0.269606	1.26814	1.26814	0.826138	1.04651	1.04651	0.534493	1.13882	1.13882	8.54039	5.77523	0.601089	1
cg09891468	0.383035	1.38103	1.38103	0.1447	1.76006	1.76006	0.706782	1.14612	1.14612	0.579297	1.22398	1.22398	5.52612	11.3988	1.83353	1
cg08214957	0.104239	1.82322	1.82322	0.726176	1.12626	1.12626	0.648576	0.856279	-1.16784	0.849963	1.06613	1.06613	4.89924	8.87282	1.60983	1
cg06297541	0.0136253	0.630284	-1.58659	6.03E-05	0.325886	-3.06856	0.00516931	0.503097	-1.98769	0.0400036	0.698373	-1.4319	19.7711	7.16319	0.322051	1
cg04496250	0.0576646	1.2162	1.2162	0.000144953	1.80895	1.80895	0.147121	0.867983	-1.1521	0.958409	0.995265	-1.00476	11.7752	1.54444	0.116588	1
cg06470626	0.755388	0.900912	-1.10999	0.000436027	0.156258	-6.39969	0.39103	1.33924	1.33924	0.00252446	0.246573	-4.0556	10.2731	18.1391	1.5695	1
cg11897034	0.115833	0.835527	-1.19685	0.0425616	0.782321	-1.27825	0.000120369	1.64646	1.64646	0.415544	1.09143	1.09143	6.45472	1.12989	0.155599	1
cg00069261	0.712978	1.09471	1.09471	0.0169902	0.490234	-2.03984	0.99078	0.997174	-1.00283	[illegible]	[illegible]	[illegible]	5.7636	5.4752	0.84441	1
cg10111816	0.0060684	0.226263	-4.41964	0.00302504	0.0556544	-17.968	0.0117266	0.106682	-9.37365	0.00677193	0.233499	-4.28268	5.25883	42.0759	7.11199	1
cg00222291	0.0023956	0.644911	-1.5506	0.0174054	0.628294	-1.59161	0.00559986	0.688487	-1.45246	0.228043	1.3333	1.3333	9.65508	1.44251	0.116203	1
cg05776388	0.141654	1.5566	1.5566	0.175603	1.49673	1.49673	0.0413173	1.93289	1.93289	0.447141	1.24229	1.24229	8.56987	10.6421	1.10383	1
cg27610941	0.855747	0.984797	-1.01544	0.128046	0.870663	-1.14855	0.527725	0.947564	-1.05534	0.0139114	1.29148	1.29148	6.42855	0.721535	0.0997682	1
cg14030083	0.17941	1.23046	1.23046	0.0167733	0.545167	-1.83697	[illegible]	[illegible]	[illegible]	[illegible]	0.939721	-1.06415	5.86506	1.96442	0.297721	1
cg25219679	0.039123	0.520574	-1.92096	0.313214	0.751842	-1.33007	0.129883	0.639301	-1.56421	0.00596926	0.374238	-2.6721	4.3312	5.12901	1.05262	1
cg11130621	0.23736	1.27592	1.27592	0.528177	1.13405	1.13405	0.461283	1.15909	1.15909	0.148033	1.36786	1.36786	3.81408	2.34054	0.545474	1
cg11563321	0.153175	0.73068	-1.36859	0.0173776	0.552029	-1.8115	0.894124	0.973055	-1.02769	0.0249348	0.57855	-1.72876	5.20863	3.4713	0.592402	1
cg00902417	0.498989	0.783751	-1.27592	0.0127513	0.333326	-3.00007	0.0496612	0.782661	-1.27769	0.0147451	0.344554	-2.9023	4.37241	8.72856	1.77447	1
cg19563686	0.757075	0.936554	-1.06774	0.000866854	2.87469	2.87469	0.758462	1.06733	1.06733	0.518249	0.870779	-1.1484	8.55246	6.04524	0.628304	1
cg04748321	0.958202	0.992749	-1.0073	0.000990936	1.99329	1.99329	0.00325082	0.572798	-1.74582	0.785539	1.0386	1.0386	8.40075	2.565	0.271404	1
cg16019477	0.204677	0.837975	-1.19335	0.0160376	1.47595	1.47595	0.224582	0.844943	-1.18351	0.129971	1.24612	1.24612	5.43144	1.50062	0.245585	1
cg14819838	0.181598	0.713958	-1.40064	0.0058301	0.436343	-2.2918	0.126118	0.665793	-1.50197	0.319905	0.727074	-1.37538	4.57211	7.19929	1.39965	1
cg09080788	0.046017	1.4547	1.4547	0.0125589	1.67496	1.67496	0.715727	0.942977	-1.06047	0.802586	0.960599	-1.04102	236.036	94.1851	0.310355	1
cg12360231	0.0218586	1.38752	1.38752	0.00770324	1.83342	1.83342	0.770279	0.965744	-1.03547	0.22576	0.859474	-1.1635	9.27633	2.08199	0.199503	1
cg18370923	0.620637	0.912306	-1.09612	0.0032663	2.09097	2.09097	0.0054442	0.510347	-1.95945	0.654704	0.920527	-1.08633	6.35663	3.40675	0.476389	1
cg26988585	0.238843	1.13658	1.13658	0.00464014	1.47816	1.47816	0.207754	0.871229	-1.1478	0.909045	0.98821	-1.01193	5.67421	0.967849	0.151618	1
cg09154850	0.1342	0.644533	-1.55151	0.00446289	0.356518	-2.80491	0.781141	0.927055	-1.07869	0.000497594	0.261782	-3.81998	6.63077	7.76667	1.04116	1
cg20561661	0.15714	1.21391	1.21391	0.107768	1.25214	1.25214	0.0580458	0.759963	-1.31585	0.000180099	0.566207	-1.76614	6.24437	1.62339	0.231091	1
cg19533679	0.227331	0.647883	-1.54349	0.201482	0.630045	-1.58719	0.0539839	0.42277	-2.1152	0.00181042	0.192643	-5.19095	5.78466	10.7455	1.65119	1
cg03470772	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21096050	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18659109	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04331802	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06252290	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17084361	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05181186	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01511104	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01199328	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11820558	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25984124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06321045	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23900141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24331963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16711591	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00817437	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08567000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08424423	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19222156	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00004562	CDSN;PSORS1C1	0.0423705	0.118453	0.538672	-1.85642	0.171905	0.588147	-1.70026	0.0107229	0.310243	-3.22328	0.0533283	0.448805	-2.22814	0.0104617	0.30843	-3.24222	0.102209	0.520586	-1.92091	0.14128	0.56135	-1.78142	0.00844611	0.293038	-3.41253	0.183714	0.597634	-1.67326	3.60556	7.60721	1.87543	1
cg26986596	CDT1	0.000241893	0.38968	0.844336	-1.18436	0.986966	0.996869	-1.00314	0.261697	0.798782	-1.25191	0.136828	1.3602	1.3602	0.530647	0.885217	-1.12967	0.0176357	0.574544	-1.74051	4.17E-06	0.129396	-7.72824	0.163551	1.33031	1.33031	0.00146597	0.414092	-2.41492	17.4459	10.1807	0.518717	1
cg00506625	CDT1	0.000681281	0.970218	1.00513	1.00513	0.0226021	1.45436	1.45436	0.0800212	0.766075	-1.30535	0.503763	1.09755	1.09755	0.000953372	0.508915	-1.96497	2.27E-05	0.312181	-3.20327	0.876698	0.978924	-1.02153	0.922949	1.01336	1.01336	0.816078	0.968541	-1.03248	13.1101	3.9081	0.264976	1
cg26841114	CDT1	0.005493	0.232209	0.685651	-1.45847	0.00413347	0.314025	-3.18446	0.150727	1.59026	1.59026	0.0498716	0.509816	-1.96149	0.248535	0.695359	-1.43811	0.000848212	0.220748	-4.53004	0.00166898	0.258141	-3.87385	0.765172	0.913723	-1.09442	0.628378	0.863373	-1.15825	7.13034	10.2458	1.27727	1
cg26787539	CDT1	0.019527	0.088471	0.557475	-1.7938	0.0916967	0.561388	-1.7813	0.346768	0.739906	-1.35152	0.0385603	2.10661	2.10661	0.00622702	0.32999	-3.03039	0.0920784	1.77985	1.77985	0.796859	1.08351	1.08351	0.0532271	1.97948	1.97948	0.196933	0.654334	-1.52827	4.74293	7.2613	1.36087	1
cg07565236	CDT1	0.0204662	0.443936	0.847244	-1.1803	0.546502	1.13838	1.13838	0.384741	0.827561	-1.20837	0.4638	1.1716	1.1716	0.585805	1.12397	1.12397	0.278764	1.27021	1.27021	0.000409439	0.303599	-3.29382	0.416021	1.1931	1.1931	0.589387	0.890717	-1.12269	4.66784	3.33474	0.635029	1
cg24073051	CDV3;CDV3;CDV3	0.0014569	0.299399	0.828583	-1.20688	0.000469819	0.382501	-2.61437	0.000373189	2.70512	2.70512	0.636749	0.920194	-1.08673	0.0623675	0.69297	-1.44306	0.161939	1.29836	1.29836	0.0284113	0.636181	-1.57188	0.397756	0.859517	-1.16344	0.10718	1.35996	1.35996	10.5679	5.11635	0.430349	1
cg26867821	CDV3;CDV3;CDV3	0.00657	0.69439	1.07022	1.07022	0.0379391	1.51224	1.51224	0.00386719	1.95195	1.95195	0.0711292	0.707188	-1.41405	0.00267089	0.489823	-2.04155	0.356146	0.849492	-1.17717	0.0165807	0.604761	-1.65354	0.992332	0.99835	-1.00165	0.566067	0.905113	-1.10483	6.7469	3.15622	0.415824	1
cg15556905	CDV3;CDV3;CDV3	0.00948792	0.000188456	0.111037	-9.00604	0.962107	0.983557	-1.01672	0.174505	1.65538	1.65538	0.84	0.931888	-1.07309	0.476541	0.776779	-1.28737	0.713001	0.879042	-1.1376	0.0820756	1.95868	1.95868	0.704374	1.14228	1.14228	0.730845	1.12807	1.12807	6.01063	11.5925	1.71437	1
cg20182189	CDV3;CDV3;CDV3	0.0247266	0.819245	1.08421	1.08421	0.0843768	1.96285	1.96285	0.0183816	2.74711	2.74711	0.0958234	1.90822	1.90822	0.0767777	2.00422	2.00422	0.673113	1.16171	1.16171	0.00558858	0.27653	-3.61625	0.929303	1.03184	1.03184	0.204399	0.623075	-1.60494	4.37392	8.64402	1.75668	1
cg24820828	CDV3;CDV3;CDV3	0.0356049	0.198155	0.556001	-1.79856	0.139142	0.503071	-1.98779	0.0555483	0.392023	-2.55087	0.0565711	0.393946	-2.53842	0.00899991	0.238497	-4.19293	0.0317534	0.337405	-2.96379	0.00616645	0.21398	-4.67334	0.769255	1.13537	1.13537	0.0684214	0.414582	-2.41207	3.8432	11.338	2.62235	1
cg05647519	CDV3;CDV3;CDV3	0.0478683	0.317148	1.19048	1.19048	0.0643102	1.41975	1.41975	0.521946	1.11565	1.11565	0.577713	0.90953	-1.09947	0.273308	1.21194	1.21194	0.877045	1.02645	1.02645	0.00335388	0.510196	-1.96003	0.118016	0.751122	-1.33134	0.799117	0.957913	-1.04394	3.44454	1.55093	0.400229	1
cg13537857	CDV3;CDV3;CDV3	0.0485209	0.122193	0.733401	-1.36351	0.490496	1.13842	1.13842	0.077623	1.43769	1.43769	0.00388393	2.05395	2.05395	0.312915	1.21313	1.21313	0.659031	0.921094	-1.08567	0.892424	0.975266	-1.02536	0.184986	0.77089	-1.2972	0.33071	0.830462	-1.20415	3.42695	1.85948	0.482317	1
cg26435092	CDV3;CDV3;CDV3;CDV3;CDV3	0.0211972	0.445644	1.69195	1.69195	0.0261194	7.28392	7.28392	0.00690964	16.5642	16.5642	?	?	?	?	?	?	?	?	?	0.43198	0.581066	-1.72098	0.0748833	0.240317	-4.16116	0.102322	0.281064	-3.5579	7.5478	32.6309	3.60269	1
cg24216701	CDX1	0.000374329	0.0417162	1.30509	1.30509	0.000877675	0.567888	-1.76091	2.97E-05	0.395415	-2.52899	0.591497	0.940401	-1.06338	0.0636731	0.789404	-1.26678	0.0261963	1.34874	1.34874	0.00288885	0.628335	-1.59151	0.260118	1.14252	1.14252	0.0532675	0.779536	-1.28281	15.4805	3.15431	0.18112	1
cg04637429	CDX1	0.0270151	0.0860071	0.718632	-1.39153	0.996763	0.999294	-1.00071	0.0027516	0.486979	-2.05348	0.18395	0.782327	-1.27824	0.133709	0.754504	-1.32537	0.197594	1.26769	1.26769	0.176968	1.28395	1.28395	0.101626	0.731894	-1.36632	0.0353746	0.652659	-1.53219	4.24083	2.03721	0.427003	1
cg18650827	CDX1	0.0397832	0.463103	0.754752	-1.32494	0.104662	0.512661	-1.95061	0.371625	0.707808	-1.41281	0.0179651	0.338511	-2.95411	0.0140707	0.319205	-3.13278	0.480067	0.763041	-1.31055	0.00228411	0.200505	-4.9874	0.65151	0.842578	-1.18683	0.326454	0.682726	-1.46472	3.69052	8.29526	1.99798	1
cg18424208	CDX1	0.0435807	0.0684403	4.17038	4.17038	0.869506	0.891278	-1.12198	0.856725	0.881162	-1.13486	0.260243	2.27517	2.27517	0.0137886	8.42354	8.42354	0.0780363	3.93808	3.93808	0.0046688	13.9182	13.9182	0.0834709	3.82365	3.82365	0.0699445	4.13101	4.13101	3.56799	27.6921	6.89891	1
cg17512474	CDX1	0.0475948	0.116004	3.03626	3.03626	0.531214	0.662084	-1.51038	0.655361	0.74672	-1.33919	0.481225	1.59274	1.59274	0.0299334	5.26234	5.26234	0.223717	2.29576	2.29576	0.00304303	14.0061	14.0061	0.0618617	3.92405	3.92405	0.149484	2.73129	2.73129	3.452	23.109	5.95054	1
cg23266594	CDX1	0.0496963	?	?	?	0.191765	3.01764	3.01764	0.777375	0.797274	-1.25427	0.314882	2.29475	2.29475	0.0311241	7.55295	7.55295	0.108131	4.05921	4.05921	0.00580983	17.9464	17.9464	0.0343461	7.19128	7.19128	0.073369	4.93188	4.93188	3.44617	30.9906	8.99277	1
cg11117637	CDX1;CDX1	0.00799152	0.0188643	4.77278	4.77278	0.311822	0.56274	-1.77702	0.150047	0.428322	-2.33469	0.304203	1.79446	1.79446	0.00890491	6.22629	6.22629	0.0915979	2.77524	2.77524	0.000881539	15.4752	15.4752	0.0657652	3.10976	3.10976	0.0323201	3.96375	3.96375	6.34627	30.3478	4.25066	1
cg05917508	CDX2	2.40E-05	0.377774	0.905803	-1.10399	0.133958	0.838038	-1.19326	0.641577	0.950042	-1.05259	0.17297	0.853394	-1.17179	0.709045	1.04183	1.04183	0.998958	0.999857	-1.00014	0.781896	0.970116	-1.0308	2.13E-07	5.5602	5.5602	0.115434	1.20574	1.20574	32.291	6.11197	0.168247	1
cg16201038	CDX2	6.12E-05	2.44E-05	6.41397	6.41397	0.62034	1.11676	1.11676	0.0456808	1.65977	1.65977	0.0208556	0.540649	-1.84963	0.47461	0.85146	-1.17445	0.186397	1.36312	1.36312	0.32156	0.797342	-1.25417	2.77E-06	12.0242	12.0242	0.383918	1.21828	1.21828	25.2303	19.5423	0.688493	1
cg26533717	CDX2	0.000214212	0.512454	1.16051	1.16051	0.00610784	2.22994	2.22994	0.000111999	4.57934	4.57934	0.195045	1.35951	1.35951	0.567235	1.13836	1.13836	0.490893	1.16976	1.16976	0.136601	0.698123	-1.43241	6.86E-06	9.34235	9.34235	0.952088	0.986626	-1.01356	18.0321	14.3401	0.706893	1
cg06303875	CDX2	0.00052614	0.22103	1.49152	1.49152	0.0837171	0.551661	-1.81271	0.860858	0.946938	-1.05604	3.91E-05	11.5482	11.5482	0.627123	1.16431	1.16431	0.405867	0.767771	-1.30247	0.387772	0.759501	-1.31665	0.000100131	8.53489	8.53489	0.615416	1.17047	1.17047	14.0898	21.5504	1.35956	1
cg01424107	CDX2	0.000562404	0.28028	1.18744	1.18744	0.0045906	1.7817	1.7817	0.239726	0.828244	-1.20737	0.614479	1.08085	1.08085	0.694052	0.941278	-1.06239	0.28144	0.842522	-1.18691	0.567381	0.915313	-1.09252	9.07E-06	4.35125	4.35125	0.0585097	1.38706	1.38706	13.831	5.13285	0.329877	1
cg26677584	CDX2	0.000657886	0.0929372	1.42376	1.42376	0.000759789	2.65214	2.65214	0.99086	0.997813	-1.00219	0.173717	1.31868	1.31868	0.0168781	0.572845	-1.74567	0.758411	1.06074	1.06074	0.00218572	0.439824	-2.27364	0.000118793	3.6216	3.6216	0.68032	0.923867	-1.08241	13.2389	7.65967	0.514286	1
cg07984133	CDX2	0.00100141	3.06E-05	9.08492	9.08492	0.00525459	2.71072	2.71072	0.115223	1.59039	1.59039	0.015159	2.24408	2.24408	0.0377439	1.92102	1.92102	0.156678	1.50747	1.50747	0.0260014	2.04593	2.04593	0.000570502	4.24401	4.24401	0.0139887	2.27559	2.27559	11.7618	13.6731	1.03333	1
cg19695777	CDX2	0.00134372	0.0017766	0.232606	-4.29911	0.0173022	2.58632	2.58632	0.00035033	6.57548	6.57548	0.302204	0.704466	-1.41952	0.95988	1.01662	1.01662	0.764226	1.10362	1.10362	0.143002	0.596933	-1.67523	0.00421215	3.51172	3.51172	0.0302258	2.3052	2.3052	10.8161	18.4025	1.51235	1
cg12440549	CDX2	0.0018304	0.623353	0.891096	-1.12221	0.0777768	1.57868	1.57868	0.00952053	0.465312	-2.1491	0.596133	1.13269	1.13269	0.0459894	0.587	-1.70358	0.00496796	0.4205	-2.37812	0.0681388	0.621376	-1.60933	0.000228404	4.16356	4.16356	0.825806	0.949951	-1.05269	9.89359	8.50237	0.763895	1
cg07213036	CDX2	0.00242753	0.126655	0.795109	-1.25769	0.0714568	0.75628	-1.32226	0.783148	0.96244	-1.03903	0.914749	0.98525	-1.01497	0.399218	0.887131	-1.12723	0.396445	0.886475	-1.12806	0.604101	1.07529	1.07529	4.69E-05	2.90209	2.90209	0.131939	1.25312	1.25312	9.11053	2.77853	0.271093	1
cg02055963	CDX2	0.00293299	0.367893	1.25263	1.25263	0.798406	1.06431	1.06431	0.718899	0.91574	-1.09201	0.00110864	3.22348	3.22348	0.328746	0.782327	-1.27824	0.776667	0.933084	-1.07171	0.205269	0.722196	-1.38467	0.000163759	4.78521	4.78521	0.310926	0.774672	-1.29087	8.61572	8.09277	0.834937	1
cg20185609	CDX2	0.00346119	0.555705	0.838937	-1.19198	0.192235	0.665823	-1.5019	0.107869	1.67697	1.67697	0.0211882	0.441968	-2.26261	0.0487091	0.515097	-1.94138	0.002306	0.285108	-3.50745	0.016608	0.422321	-2.36787	0.00148977	3.85707	3.85707	0.946734	1.01988	1.01988	8.20112	11.2785	1.22243	1
cg14746884	CDX2	0.00451974	0.946604	0.980169	-1.02023	0.00137764	0.249652	-4.00557	0.00436838	0.320262	-3.12245	0.10631	0.590107	-1.69461	0.980965	0.99289	-1.00716	0.987896	1.00455	1.00455	0.000846179	0.22301	-4.48411	0.00946827	0.374076	-2.67326	0.0198269	0.431182	-2.31921	7.56766	10.7198	1.25914	1
cg00806704	CDX2	0.00697887	0.0297638	0.317117	-3.15341	0.000901949	0.107493	-9.30296	0.00711033	0.209858	-4.76512	0.171462	0.520093	-1.92273	0.030445	0.319135	-3.13347	0.72976	0.855805	-1.16849	0.0119547	0.244581	-4.08863	0.071352	2.47023	2.47023	0.127435	0.477054	-2.0962	6.62136	21.1438	2.83847	1
cg07311313	CDX2	0.00808846	?	?	?	0.568437	1.52296	1.52296	0.490271	0.599681	-1.66755	0.00261382	20.9393	20.9393	?	?	?	0.197494	2.70221	2.70221	0.19168	2.74179	2.74179	0.0014152	29.1099	29.1099	?	?	?	6.82641	38.3795	7.49628	1
cg02550231	CDX2	0.0294616	0.308991	0.610787	-1.63723	0.0264372	0.291607	-3.42927	0.310209	1.63506	1.63506	0.68074	1.21376	1.21376	0.0604273	0.371034	-2.69517	0.0344028	3.17515	3.17515	?	?	?	0.059099	2.71267	2.71267	0.0679262	2.60486	2.60486	4.1826	12.9103	3.08666	1
cg00130039	CDX2;CDX2	0.000267247	0.132036	1.22971	1.22971	0.335788	1.13457	1.13457	0.00812654	1.53884	1.53884	0.445908	1.10389	1.10389	0.411361	1.11277	1.11277	0.0418408	1.34768	1.34768	0.512252	0.918929	-1.08822	2.44E-06	4.28177	4.28177	0.0359	1.3641	1.3641	16.9782	4.35105	0.227798	1
cg10860521	CDX4	0.00035092	0.701539	0.885217	-1.12967	0.000893337	0.206994	-4.83106	0.0161368	0.393767	-2.53957	0.0017029	0.242005	-4.13215	0.000137423	0.123976	-8.06605	0.00182898	0.246095	-4.06347	0.000134322	0.123127	-8.12173	0.0534284	2.00297	2.00297	0.0169715	0.397791	-2.51388	15.7579	25.0191	1.41131	1
cg17268992	CDX4	0.000987416	0.645074	0.887565	-1.12668	0.00380862	2.7278	2.7278	0.0924072	0.62109	-1.61007	0.326172	0.770519	-1.29783	0.0414863	0.546308	-1.83047	0.618906	1.13763	1.13763	6.78E-05	6.52012	6.52012	0.00276566	2.89073	2.89073	0.441925	1.2234	1.2234	11.8089	12.3681	0.930983	1
cg12017815	CDX4	0.00114397	0.166367	1.76938	1.76938	0.218039	1.65041	1.65041	0.408468	0.721144	-1.38669	0.178056	1.73909	1.73909	0.531356	1.27784	1.27784	0.0156793	3.14339	3.14339	3.56E-05	21.8441	21.8441	0.000649608	7.55398	7.55398	0.0133815	3.26924	3.26924	11.3252	26.8184	2.10492	1
cg01135626	CDX4	0.00115589	0.661347	0.886248	-1.12835	0.907671	1.03229	1.03229	0.0117376	0.422146	-2.36885	0.00228115	0.31074	-3.21812	0.000636771	0.237629	-4.20824	0.0609413	1.78358	1.78358	0.00244823	3.17337	3.17337	0.0161411	2.23972	2.23972	0.777967	0.92548	-1.08052	11.2918	13.4217	1.05656	1
cg25988710	CDX4	0.0112692	0.067781	3.84757	3.84757	0.0330993	5.15965	5.15965	0.352866	1.87686	1.87686	0.32209	1.96142	1.96142	0.107109	3.18489	3.18489	0.18016	2.5533	2.5533	0.000624427	31.9834	31.9834	0.00338561	13.7941	13.7941	0.0147626	7.21428	7.21428	5.688	39.0742	6.10629	1
cg11290635	CDX4	0.0129586	0.00377821	0.111496	-8.96895	0.00841042	0.151152	-6.61587	0.0414816	0.267183	-3.74276	0.811104	1.14386	1.14386	0.00247839	0.0942859	-10.606	0.0544515	0.293763	-3.4041	0.0284037	0.234042	-4.27273	0.508186	0.686034	-1.45765	0.0633336	0.309667	-3.22927	5.4358	27.131	4.4366	1
cg21306843	CDX4	0.0176196	0.00358717	0.162363	-6.15904	0.0027159	0.148286	-6.74372	0.0299793	0.308249	-3.24413	0.345686	0.639136	-1.56461	0.0257003	0.294861	-3.39142	0.0345956	0.3212	-3.11332	0.0219639	0.281747	-3.54928	0.310474	0.61649	-1.62209	0.118625	0.458024	-2.18329	4.91024	16.5219	2.99092	1
cg27565450	CDX4	0.0406378	0.146902	3.16214	3.16214	0.373327	1.96569	1.96569	0.535559	1.59037	1.59037	0.794264	1.2132	1.2132	0.632246	1.42841	1.42841	0.0906487	3.96923	3.96923	0.00206447	24.7499	24.7499	0.014155	9.38174	9.38174	0.038711	5.8732	5.8732	3.66172	31.7154	7.69898	1
cg14913512	CDYL	0.000116924	0.000336969	2.03247	2.03247	0.776099	0.965614	-1.03561	0.000383799	0.498819	-2.00474	0.959189	1.0063	1.0063	0.000570849	1.92451	1.92451	0.494424	0.918378	-1.08888	6.23E-05	0.404385	-2.47289	0.0120295	1.46866	1.46866	0.112506	1.23617	1.23617	21.2324	5.06386	0.211997	1
cg08354681	CDYL	0.00106186	0.000275124	5.44032	5.44032	0.000782958	4.23838	4.23838	0.0117475	2.44717	2.44717	0.00104841	3.97041	3.97041	0.00061763	4.47533	4.47533	0.0195459	2.2308	2.2308	0.992814	0.997443	-1.00256	0.00720736	2.68077	2.68077	0.0289247	2.07993	2.07993	11.5677	14.8117	1.13816	1
cg01474544	CDYL	0.0010925	0.000805524	5.47066	5.47066	0.000698488	5.68466	5.68466	0.00559742	3.39608	3.39608	0.00693908	3.23512	3.23512	0.00021182	8.0113	8.0113	0.00999433	2.98356	2.98356	0.123071	1.75322	1.75322	0.00126969	4.85636	4.85636	0.241644	1.50969	1.50969	11.4746	20.5267	1.59012	1
cg08999962	CDYL	0.00118817	0.0280821	1.25475	1.25475	0.0570131	0.828287	-1.20731	0.0141909	0.767441	-1.30303	0.610446	1.04597	1.04597	0.00753844	0.74024	-1.35091	0.00708748	0.737587	-1.35577	0.00139067	1.49975	1.49975	0.17271	1.13536	1.13536	0.00172612	0.676293	-1.47865	11.2034	1.35792	0.107739	1
cg01472299	CDYL	0.00621977	0.0287004	3.25105	3.25105	0.0488404	2.79499	2.79499	0.0141836	3.98512	3.98512	0.0174042	3.75427	3.75427	0.0832476	2.40157	2.40157	0.0211952	3.5463	3.5463	0.00536028	5.34155	5.34155	0.000440122	12.6342	12.6342	0.0098297	4.44154	4.44154	6.86244	22.6877	2.93873	1
cg07981590	CDYL	0.0106513	0.452334	1.0969	1.0969	0.736331	0.959999	-1.04167	0.640571	1.05845	1.05845	0.358743	1.12075	1.12075	0.0123723	1.45667	1.45667	0.357718	0.892033	-1.12104	0.000649122	1.88092	1.88092	0.0342501	0.742014	-1.34768	0.562963	0.931793	-1.0732	5.79225	1.33858	0.20542	1
cg23893792	CDYL	0.0209126	0.0179916	1.46274	1.46274	0.245573	0.851555	-1.17432	0.104165	0.790525	-1.26498	0.0396538	1.36995	1.36995	0.0386759	1.37277	1.37277	0.0223436	1.43648	1.43648	0.0289956	1.40576	1.40576	0.318982	0.872608	-1.14599	0.845262	0.974478	-1.02619	4.63362	1.28471	0.246452	1
cg27385049	CDYL	0.0255756	0.315054	0.726802	-1.37589	0.00283031	0.282848	-3.53547	0.0313767	0.460467	-2.17171	0.447237	0.788252	-1.26863	0.0147641	0.397886	-2.51328	0.461666	0.794395	-1.25882	0.00544427	0.325242	-3.07463	0.851171	0.94394	-1.05939	0.549295	0.830183	-1.20455	4.32283	6.45938	1.32822	1
cg08287248	CDYL	0.027926	0.0103082	0.657263	-1.52146	0.235183	0.850833	-1.17532	0.00981685	0.654548	-1.52777	0.136662	0.812062	-1.23143	0.0186945	0.690709	-1.44779	0.467593	0.908496	-1.10072	0.39206	1.12058	1.12058	0.601786	1.07075	1.07075	0.016548	0.683797	-1.46242	4.19169	1.11908	0.237312	1
cg27163936	CDYL	0.0379528	0.0727325	2.04786	2.04786	0.159716	1.71245	1.71245	0.485698	1.28871	1.28871	0.0755946	2.03027	2.03027	0.00415825	0.252753	-3.95644	0.0827111	1.98979	1.98979	0.663282	1.16982	1.16982	0.747772	0.890901	-1.12246	0.774936	0.902451	-1.10809	3.75484	7.62347	1.80471	1
cg09600520	CDYL	0.0397305	0.0121765	0.149371	-6.69474	0.0703773	0.292048	-3.42409	0.0438599	0.244217	-4.09471	0.214606	0.451552	-2.21459	0.0116203	0.146647	-6.81911	0.018775	0.176788	-5.65648	0.0318591	0.216381	-4.62148	0.0468475	0.250375	-3.994	0.158659	0.399737	-2.50165	3.69232	21.6576	5.21385	1
cg01442398	CDYL2	0.00181212	0.0012432	0.458005	-2.18338	0.105029	1.34066	1.34066	0.000455028	2.49465	2.49465	0.262437	0.824166	-1.21335	0.00699388	1.78122	1.78122	0.259874	0.823234	-1.21472	0.399577	0.866995	-1.15341	0.0413697	1.47607	1.47607	0.748577	1.05466	1.05466	9.92246	4.30452	0.385614	1
cg10415354	CDYL2	0.00306118	0.113148	1.5255	1.5255	0.461071	1.20179	1.20179	0.407127	0.81244	-1.23086	0.081903	1.60353	1.60353	0.0125068	0.467175	-2.14053	0.000549609	0.268624	-3.72268	0.00919513	0.444827	-2.24806	0.0419635	1.77558	1.77558	0.0394439	0.557912	-1.7924	8.50698	8.0839	0.844682	1
cg08799656	CDYL2	0.0129275	0.304352	1.42932	1.42932	0.00183169	4.42187	4.42187	0.018731	2.60288	2.60288	0.0705476	1.97119	1.97119	0.845554	1.06768	1.06768	0.377893	0.738003	-1.35501	0.011643	2.88301	2.88301	0.00512113	3.46204	3.46204	0.306821	1.42654	1.42654	5.44007	9.71496	1.58739	1
cg08187843	CDYL2	0.0183278	0.146918	0.828714	-1.20669	0.535693	1.07863	1.07863	0.888647	1.01705	1.01705	0.599279	1.06608	1.06608	0.211376	1.17224	1.17224	0.368862	0.89459	-1.11783	0.000350566	2.00058	2.00058	0.528538	1.08011	1.08011	0.381613	1.11438	1.11438	4.8456	1.11788	0.205066	1
cg00888336	CDYL2	0.0308971	0.196267	1.9121	1.9121	0.00651992	5.34919	5.34919	0.627172	0.792796	-1.26136	0.336641	1.5999	1.5999	0.647998	0.804086	-1.24365	0.0366819	0.316152	-3.16304	0.0793882	2.51871	2.51871	0.0389386	3.10782	3.10782	0.261296	0.573656	-1.7432	4.04422	14.4134	3.16796	1
cg25938891	CDYL;CDYL	0.0113054	0.478101	1.18199	1.18199	0.0244985	0.537293	-1.86118	0.122245	0.678216	-1.47446	0.00325776	0.39454	-2.5346	0.00550667	0.429154	-2.33017	0.235394	0.749536	-1.33416	0.0936515	1.5333	1.5333	0.735892	1.08165	1.08165	0.0199503	0.521422	-1.91783	5.6821	4.83666	0.756631	1
cg24816460	CDYL;CDYL	0.0140273	0.0186844	17.7126	17.7126	0.0076388	31.7585	31.7585	0.0202747	16.8132	16.8132	0.10326	6.03151	6.03151	0.0284312	13.5718	13.5718	0.0510977	9.395	9.395	0.00691601	33.9498	33.9498	0.00515812	41.4425	41.4425	0.0142813	21.051	21.051	5.29649	85.2949	14.3147	1
cg10902012	CDYL;CDYL	0.0369144	0.808286	0.966632	-1.03452	0.00691744	0.613853	-1.62906	0.185789	0.822124	-1.21636	0.0305255	0.701259	-1.42601	0.0418869	0.720807	-1.38733	0.170271	0.815544	-1.22618	0.0715701	1.32432	1.32432	0.144711	0.803566	-1.24445	0.104515	0.780573	-1.28111	3.79306	1.17087	0.274389	1
cg07257649	CDYL;CDYL	0.0412944	0.744933	0.966139	-1.03505	0.785384	0.971607	-1.02922	0.95807	1.00556	1.00556	0.512235	1.07266	1.07266	0.755529	1.03351	1.03351	0.655188	1.04857	1.04857	0.00193928	0.629562	-1.58841	0.0234333	1.33071	1.33071	0.640827	1.05083	1.05083	3.6401	0.641995	0.156771	1
cg16508426	CDYL;CDYL;CDYL	0.00135591	0.0031467	0.524131	-1.90792	0.0036322	0.532658	-1.87738	0.0143951	0.617041	-1.62064	0.631137	0.925494	-1.0805	0.00116334	0.466115	-2.14539	0.000246881	0.379501	-2.63504	0.00119707	0.467755	-2.13787	0.860967	0.972331	-1.02846	0.00988793	0.593506	-1.6849	10.7881	4.37709	0.360651	1
cg21915863	CDYL;CDYL;CDYL	0.00880695	0.228457	1.37242	1.37242	0.164757	1.44947	1.44947	0.117425	0.653178	-1.53098	0.00928601	2.28567	2.28567	0.0345609	0.539421	-1.85384	0.712139	1.09727	1.09727	0.00579705	2.47239	2.47239	0.00362092	2.68094	2.68094	0.358353	1.26688	1.26688	6.15454	6.11429	0.883076	1
cg23813326	CDYL;CDYL;CDYL	0.00995843	0.108347	0.714934	-1.39873	0.00268355	0.451624	-2.21423	0.0836298	0.692944	-1.44312	0.474893	0.870049	-1.14936	0.000643413	0.366671	-2.72724	0.0362087	0.62714	-1.59454	0.0553772	0.659665	-1.51592	0.812976	1.04645	1.04645	0.0354596	0.625579	-1.59852	5.9185	3.44007	0.516659	1
cg04050020	CDYL;CDYL;CDYL	0.0212728	0.024873	0.308172	-3.24494	0.319602	1.55776	1.55776	0.096005	0.451404	-2.21531	0.107596	0.466127	-2.14534	0.260537	0.60262	-1.65942	0.308439	1.57525	1.57525	0.0111593	4.11421	4.11421	0.0186092	3.53105	3.53105	0.315645	1.56388	1.56388	5.12309	14.6047	2.21726	1
cg13644646	CDYL;CDYL;CDYL	0.036014	0.913348	0.987037	-1.01313	0.733116	0.959803	-1.04188	0.0637404	0.778933	-1.28381	0.186757	0.84556	-1.18265	0.188374	0.846141	-1.18184	0.831927	1.0258	1.0258	0.00266685	1.64529	1.64529	0.611385	1.06335	1.06335	0.0902726	0.799501	-1.25078	3.82729	0.870957	0.20228	1
cg16149936	CDYL;CDYL;CDYL	0.0379613	0.937536	0.979284	-1.02115	0.18707	0.68833	-1.45279	0.603415	1.15025	1.15025	0.253127	1.37545	1.37545	0.0036227	0.349393	-2.86211	0.338936	1.30117	1.30117	0.0198414	2.11943	2.11943	0.709985	1.10492	1.10492	0.503669	1.19872	1.19872	3.75454	4.24178	1.00424	1
cg16215259	CDYL;CDYL;CDYL;CDYL	0.000510498	0.00172068	1.35712	1.35712	0.0123146	0.808336	-1.23711	0.00531147	1.28501	1.28501	0.0281873	1.19354	1.19354	0.362215	1.06602	1.06602	0.000381977	1.47282	1.47282	8.67E-05	1.61722	1.61722	0.471449	1.05128	1.05128	0.535537	0.958073	-1.04376	14.2084	1.04863	0.0656031	1
cg06327998	CDYL;CDYL;CDYL;CDYL	0.000888249	0.00128638	0.578625	-1.72823	0.00809158	0.673395	-1.48501	9.17E-05	0.442787	-2.25842	0.197907	1.17196	1.17196	0.0671258	0.78721	-1.27031	0.124482	0.823708	-1.21402	0.0216528	1.37919	1.37919	0.254181	0.870374	-1.14893	0.00515647	0.650072	-1.53829	12.1678	2.61998	0.191396	1
cg16454940	CDYL;CDYL;CDYL;CDYL	0.00135609	0.596074	0.913394	-1.09482	4.36E-05	3.71783	3.71783	0.44304	1.14161	1.14161	0.710267	0.938764	-1.06523	0.527656	0.897302	-1.11445	0.0379033	0.665232	-1.50323	0.00308713	1.9853	1.9853	0.312084	1.19373	1.19373	0.0473365	1.4685	1.4685	10.7877	4.89935	0.403697	1
cg12972703	CDYL;CDYL;CDYL;CDYL	0.0037671	0.333178	0.739451	-1.35236	0.47958	0.80467	-1.24275	0.09996	0.5798	-1.72473	0.570354	0.840775	-1.18938	0.000188087	0.148816	-6.71969	0.000883605	0.221609	-4.51245	0.0552183	0.5183	-1.92939	0.875034	0.953525	-1.04874	0.00896022	0.365992	-2.7323	7.99553	11.5785	1.28722	1
cg12787036	CDYL;CDYL;CDYL;CDYL	0.0161194	0.301911	0.790816	-1.26452	0.368269	0.81645	-1.22481	0.563287	0.879657	-1.13681	0.0661937	1.57175	1.57175	0.00170072	0.373995	-2.67383	0.770038	1.06644	1.06644	0.0108801	2.01694	2.01694	0.684003	1.09395	1.09395	0.220607	0.753831	-1.32656	5.05847	3.85769	0.677886	1
cg11935248	CDYL;CDYL;CDYL;CDYL	0.0197835	?	?	?	0.993444	1.0039	1.0039	0.285237	0.59068	-1.69296	0.0135278	0.234627	-4.26209	0.6004	0.778251	-1.28493	0.19311	1.92182	1.92182	0.00392985	0.15872	-6.30041	0.383184	1.52832	1.52832	0.0147964	0.241112	-4.14745	4.80789	15.2284	3.16738	1
ch.6.137329F	CDYL;CDYL;CDYL;CDYL	0.0295862	0.00510366	0.303217	-3.29797	0.00284346	0.265885	-3.76102	0.0300208	0.439097	-2.2774	0.146445	0.604927	-1.65309	0.515084	0.80828	-1.23719	0.28118	0.696854	-1.43502	0.0647821	0.512313	-1.95193	0.0729162	0.524633	-1.90609	0.130334	0.590454	-1.69361	4.10702	6.76356	1.46385	1
cg27180974	CDYL;CDYL;CDYL;CDYL	0.0324739	0.110928	0.563419	-1.77488	0.396704	0.750732	-1.33203	0.383967	0.744601	-1.343	0.838981	0.934996	-1.06952	0.000489233	0.164533	-6.07782	0.941366	0.975992	-1.0246	0.833203	1.07215	1.07215	0.83981	1.06915	1.06915	0.308287	0.70584	-1.41675	3.9729	6.86694	1.5364	1
cg24148841	CDYL;CDYL;CDYL;CDYL	0.0329257	0.0248284	0.625725	-1.59815	0.504017	1.12638	1.12638	0.112792	0.738623	-1.35387	0.0109711	0.571084	-1.75106	0.0100804	0.565584	-1.76808	0.232394	1.24584	1.24584	0.836351	0.964347	-1.03697	0.529002	1.11845	1.11845	0.155699	0.765969	-1.30554	3.95325	1.92883	0.433696	1
cg11414048	CDYL;CDYL;CDYL;CDYL	0.0421338	0.0224312	0.673053	-1.48577	0.598326	0.925928	-1.08	0.38048	1.13909	1.13909	0.218291	0.829062	-1.20618	0.490558	1.10669	1.10669	0.226602	0.832112	-1.20176	0.00561675	1.69265	1.69265	0.664365	0.938757	-1.06524	0.210807	1.21031	1.21031	3.61306	1.1992	0.295028	1
cg08485918	CEACAM16	1.05E-05	0.0462342	0.720013	-1.38886	0.0101522	1.5942	1.5942	0.803708	1.03647	1.03647	2.54E-06	0.194711	-5.1358	0.00240009	0.544224	-1.83748	0.0922307	1.30549	1.30549	9.57E-07	0.155846	-6.41659	0.0794339	1.32319	1.32319	0.0747995	0.751675	-1.33036	40.0973	13.1393	0.291276	1
cg27198553	CEACAM16	0.000304076	0.988659	1.00301	1.00301	0.000301711	0.288576	-3.46529	0.014675	0.529719	-1.88779	0.819573	0.952827	-1.04951	1.23E-05	0.142235	-7.03062	0.00571438	0.464653	-2.15215	0.578396	1.12607	1.12607	0.100866	1.46236	1.46236	0.773798	1.06285	1.06285	16.3895	11.6117	0.629766	1
cg26347064	CEACAM16	0.00145616	0.794262	1.11758	1.11758	0.0455991	0.377166	-2.65135	0.241087	0.593326	-1.68542	0.831502	0.913349	-1.09487	0.0141214	0.275711	-3.62698	0.395822	0.690808	-1.44758	2.74E-05	0.0296797	-33.693	0.481574	0.73765	-1.35566	0.00220368	0.161138	-6.20586	10.5694	30.289	2.54731	1
cg19421371	CEACAM16	0.00170202	0.61687	1.22954	1.22954	0.00320802	0.192451	-5.19613	0.0552931	0.41064	-2.43522	0.103877	0.482622	-2.07201	2.90E-05	0.0346647	-28.8478	0.0328386	0.359623	-2.78069	0.149646	0.531078	-1.88296	0.374699	0.688481	-1.45247	0.0587972	0.417113	-2.39743	10.1043	26.8577	2.36271	1
cg26762224	CEACAM16	0.00442847	0.0108752	0.341913	-2.92472	0.274835	0.68295	-1.46424	0.00964399	0.333038	-3.00266	0.00540723	0.292623	-3.41737	0.00208822	0.233738	-4.27829	0.001375	0.210585	-4.74868	0.002112	0.234388	-4.26643	0.0289899	0.421478	-2.37261	0.118811	0.566516	-1.76518	7.61464	13.5857	1.58591	1
cg15582544	CEACAM16	0.0104947	0.0515881	0.510886	-1.95738	0.0758578	0.549425	-1.82009	0.205201	0.666869	-1.49955	0.99081	1.0035	1.0035	0.192491	0.658282	-1.51911	0.871537	0.952129	-1.05028	0.000170398	0.144082	-6.9405	0.997917	1.00079	1.00079	0.628888	1.15907	1.15907	5.81988	8.46913	1.29352	1
cg23942508	CEACAM16	0.0128909	0.00531743	0.333689	-2.9968	0.468839	1.24638	1.24638	0.0718549	0.548517	-1.8231	0.0391063	0.489908	-2.0412	0.00696186	0.352286	-2.8386	0.0897839	0.571846	-1.74872	0.00642525	0.346679	-2.88451	0.195427	1.50562	1.50562	0.906565	0.96552	-1.03571	5.44511	7.70153	1.25724	1
cg04973505	CEACAM16;CEACAM16	3.57E-05	0.022014	0.533001	-1.87617	0.0127641	0.492271	-2.0314	0.000160141	0.228234	-4.38147	0.00083586	0.31613	-3.16326	3.75E-05	0.0841219	-11.8875	6.09E-05	0.18347	-5.45047	1.45E-05	0.126622	-7.8975	0.865035	1.03974	1.03974	0.0697921	0.628448	-1.59122	29.1019	24.1867	0.738757	1
cg15010050	CEACAM16;CEACAM16	0.0137337	0.0336977	0.245111	-4.07978	0.00492535	0.121047	-8.26126	0.0261181	0.223967	-4.46495	0.659608	1.28566	1.28566	0.000966164	0.0617199	-16.2022	0.100884	0.361111	-2.76923	0.466221	0.656823	-1.52248	0.979203	1.01489	1.01489	0.185704	0.451365	-2.2155	5.33342	27.1448	4.52406	1
cg04144911	CEACAM18	2.86E-05	0.0134995	0.527109	-1.89714	0.0505929	0.627178	-1.59444	0.000132244	0.249459	-4.00867	0.0552028	0.634332	-1.57646	1.32E-05	0.14763	-6.77368	0.13752	0.715384	-1.39785	8.66E-07	0.0644766	-15.5095	0.0791288	0.664831	-1.50414	0.00188784	0.397554	-2.51538	30.8447	21.4236	0.617389	1
cg03749198	CEACAM18	0.000440594	0.000423794	0.290825	-3.43849	8.71E-05	0.210797	-4.74389	0.00104307	0.341791	-2.92576	0.312908	1.25972	1.25972	0.00142103	0.36017	-2.77647	0.00585428	0.450242	-2.22103	0.305248	1.26469	1.26469	0.330246	1.24886	1.24886	0.0483988	0.607224	-1.64684	14.7999	11.4685	0.688803	1
cg10675515	CEACAM18	0.00557553	0.00684217	0.415327	-2.40774	0.00179784	0.328244	-3.04652	0.110591	0.646523	-1.54674	0.0494723	0.569881	-1.75475	0.00108146	0.298057	-3.35506	0.0226308	0.504247	-1.98316	0.00335861	0.367524	-2.72091	0.0293127	0.525183	-1.9041	0.470027	0.83163	-1.20246	7.09776	7.07389	0.8859	1
cg26727538	CEACAM18	0.0111263	0.00740434	0.131805	-7.58696	0.245961	0.490324	-2.03947	0.0488839	0.266872	-3.74711	0.577569	1.3916	1.3916	0.0433855	0.255508	-3.91377	0.0198747	0.191816	-5.21332	0.000547042	0.0426781	-23.4312	0.61207	0.740545	-1.35036	0.233026	0.479758	-2.08438	5.71146	31.2052	4.85654	1
cg03110722	CEACAM18	0.0331154	0.0215236	0.231034	-4.32838	0.0060529	0.149199	-6.70244	0.14701	0.43785	-2.28389	0.209955	0.496019	-2.01605	0.0260149	0.246105	-4.0633	0.0484531	0.302269	-3.30831	0.00841069	0.167611	-5.96621	0.061399	0.32681	-3.05989	0.439836	0.658315	-1.51903	3.9451	17.5955	3.96453	1
cg23147597	CEACAM19;CEACAM19	0.0142801	0.672037	1.08797	1.08797	0.163851	0.745153	-1.34201	0.94997	0.987653	-1.0125	0.000610345	0.351531	-2.8447	0.547148	0.886363	-1.12821	0.73657	0.935336	-1.06913	0.0426183	1.58753	1.58753	0.140717	1.36854	1.36854	0.226971	1.28551	1.28551	5.26546	3.26927	0.551901	1
cg26829672	CEACAM19;CEACAM19	0.0360125	0.873924	0.973045	-1.0277	0.00143216	0.452308	-2.21088	0.036285	0.657787	-1.52025	0.323167	0.838957	-1.19196	0.540362	1.11256	1.11256	0.197647	0.791105	-1.26405	0.324188	1.19149	1.19149	0.177861	0.781628	-1.27938	0.179336	0.782362	-1.27818	3.82735	1.79484	0.416845	1
cg20657383	CEACAM1;CEACAM1	0.000223022	2.22E-05	0.243577	-4.10548	0.807949	0.960402	-1.04123	0.892222	0.97776	-1.02275	0.179473	0.789341	-1.26688	0.00826994	0.571065	-1.75111	5.79E-05	0.290333	-3.44432	0.0147555	1.64517	1.64517	0.161399	0.780263	-1.28162	0.221334	1.23774	1.23774	17.8358	7.77529	0.387501	1
cg08174715	CEACAM1;CEACAM1	0.00547333	0.534243	0.874329	-1.14373	0.000160684	0.252769	-3.95618	0.101876	0.682478	-1.46525	0.0261399	0.569491	-1.75596	0.0110596	0.506691	-1.97359	0.596709	0.89232	-1.12067	0.041488	0.605577	-1.65132	0.0111066	0.506988	-1.97243	0.0348657	0.591766	-1.68986	7.1382	5.14594	0.640802	1
cg14904363	CEACAM1;CEACAM1;CEACAM1;CEACAM1	0.00243735	0.000199072	0.121147	-8.25444	0.89935	0.958153	-1.04367	0.248482	0.665284	-1.50312	0.0475556	0.465068	-2.15022	0.00135961	0.207857	-4.811	0.0802921	0.519207	-1.92601	0.00203842	0.230157	-4.34486	0.509657	1.25352	1.25352	0.0183659	0.380367	-2.62904	9.09971	16.4476	1.60666	1
cg12497816	CEACAM20;CEACAM20;CEACAM20;CEACAM20	0.00117495	0.0407841	1.73033	1.73033	0.094176	0.652302	-1.53303	0.0028947	0.386409	-2.58793	0.225577	0.74417	-1.34378	0.00329027	0.394628	-2.53403	0.721652	1.0866	1.0866	5.89E-05	0.177887	-5.62154	0.754562	1.07553	1.07553	0.0828528	0.640236	-1.56192	11.2392	9.59579	0.758912	1
cg17384457	CEACAM20;CEACAM20;CEACAM20;CEACAM20	0.00152762	0.852998	0.92042	-1.08646	0.000245594	0.0666464	-15.0046	0.00407599	0.178446	-5.60395	0.00510489	0.191221	-5.22954	0.00898764	0.226465	-4.4157	0.1888	0.53664	-1.86345	0.000374367	0.078603	-12.7222	0.514951	1.34338	1.34338	0.0422932	0.351454	-2.84532	10.4247	32.9979	2.81366	1
cg06581818	CEACAM20;CEACAM20;CEACAM20;CEACAM20	0.00621939	0.000971463	0.13852	-7.21917	0.00202614	0.173281	-5.77099	0.00547767	0.229732	-4.35291	0.0144078	0.296853	-3.36867	0.202207	0.581455	-1.71982	0.275407	0.633225	-1.57922	0.0586602	0.423125	-2.36337	0.407003	1.40716	1.40716	0.0466561	0.399577	-2.50264	6.86257	17.6249	2.2829	1
cg10375597	CEACAM20;CEACAM20;CEACAM20;CEACAM20	0.00661314	0.00377175	0.194731	-5.1353	0.000903816	0.125143	-7.99083	0.0523532	0.39711	-2.51819	0.529027	1.30595	1.30595	0.200851	0.568095	-1.76027	0.52603	1.30855	1.30855	0.00397412	0.197716	-5.05776	0.0244988	0.325775	-3.06961	0.420313	0.708496	-1.41144	6.7332	18.6817	2.46628	1
cg13566596	CEACAM20;CEACAM20;CEACAM20;CEACAM20	0.00750317	0.00494646	0.249345	-4.01051	0.00128565	0.17358	-5.76102	0.0290224	0.382763	-2.61258	0.589239	1.22559	1.22559	0.0113171	0.306189	-3.26596	0.16357	0.574167	-1.74165	0.0041286	0.238045	-4.20088	0.0353636	0.400774	-2.49517	0.509891	0.779225	-1.28333	6.47315	14.2763	1.96042	1
cg02904918	CEACAM20;CEACAM20;CEACAM20;CEACAM20	0.02631	0.0165109	0.164064	-6.0952	0.0373016	0.225012	-4.44421	0.39408	0.583505	-1.71378	0.127947	0.362185	-2.76102	0.00798591	0.122679	-8.15134	0.814996	0.865329	-1.15563	0.00232858	0.072537	-13.7861	0.116844	0.34946	-2.86156	0.358603	0.558472	-1.7906	4.2803	25.8164	5.36129	1
cg20248549	CEACAM20;CEACAM20;CEACAM20;CEACAM20	0.0298412	0.0166989	0.230167	-4.34468	0.00220518	0.115629	-8.64832	0.169722	0.479335	-2.08622	0.561261	1.34358	1.34358	0.0343418	0.289072	-3.45934	0.105457	0.410956	-2.43335	0.0405234	0.304428	-3.28485	0.157751	0.467942	-2.13702	0.49424	0.705392	-1.41765	4.09454	16.3918	3.55851	1
cg23241878	CEACAM21;CEACAM21	8.47E-06	0.0246147	0.61079	-1.63723	7.51E-05	0.266161	-3.75712	6.95E-06	0.159856	-6.25563	0.126748	0.737688	-1.35559	0.135539	0.743558	-1.34489	0.00454194	2.00634	2.00634	6.07E-07	0.0800603	-12.4906	0.000257547	0.330209	-3.02839	0.000422273	0.357377	-2.79817	42.3536	22.7567	0.477602	1
cg06670612	CEACAM21;CEACAM21	0.00110274	0.00840335	0.354646	-2.81972	0.000400311	0.176528	-5.66482	0.000462951	0.183335	-5.45449	0.00905213	0.360032	-2.77753	0.00877975	0.357812	-2.79476	0.0185252	0.415019	-2.40953	0.00117332	0.230713	-4.33439	0.00101146	0.222698	-4.49038	0.00371741	0.299132	-3.34301	11.4442	17.1876	1.33499	1
cg00921682	CEACAM21;CEACAM21	0.00433036	0.022673	0.356085	-2.80832	0.00113786	0.163417	-6.1193	0.016183	0.328445	-3.04465	0.0597721	0.447556	-2.23436	0.00556922	0.252044	-3.96756	0.00996664	0.291796	-3.42705	0.000811993	0.147878	-6.76235	0.00960663	0.289152	-3.45839	0.2574	0.639326	-1.56415	7.66649	17.3929	2.01661	1
cg25528786	CEACAM21;CEACAM21	0.00757163	0.0122869	0.197619	-5.06023	0.00480621	0.142923	-6.99676	0.0161449	0.216465	-4.61969	0.303676	0.574694	-1.74006	0.00132598	0.0882429	-11.3324	0.248038	0.533717	-1.87365	0.00156377	0.0941406	-10.6224	0.193537	0.48903	-2.04486	0.178551	0.475625	-2.1025	6.45475	27.6368	3.80589	1
cg10389454	CEACAM21;CEACAM21	0.0141465	0.163441	0.540901	-1.84877	0.00404704	0.202939	-4.92759	0.0287906	0.344608	-2.90184	0.0255481	0.334123	-2.99291	0.0122916	0.275731	-3.62672	0.310679	0.648304	-1.54249	0.00266407	0.179686	-5.56526	0.021904	0.321037	-3.11491	0.926325	0.962508	-1.03895	5.28177	14.2798	2.40321	1
cg08478046	CEACAM21;CEACAM21	0.0449669	0.687489	0.819464	-1.22031	0.033676	0.294814	-3.39197	0.203216	0.516168	-1.93736	0.685324	0.818258	-1.22211	0.107605	0.421225	-2.37403	0.144096	0.461793	-2.16547	0.00246157	0.12574	-7.95291	0.0207219	0.253799	-3.94013	0.969398	0.981289	-1.01907	3.5265	13.5397	3.41283	1
cg17407331	CEACAM21;CEACAM21;CEACAM21;CEACAM21	3.81E-05	0.18027	0.782333	-1.27823	0.0068807	0.546817	-1.82877	0.000166349	0.330719	-3.02372	9.97E-05	0.30392	-3.29033	3.83E-05	0.256062	-3.9053	0.00074349	0.413388	-2.41904	2.42E-06	0.138741	-7.2077	0.000684406	0.408663	-2.447	0.0014809	0.453356	-2.20577	28.6044	13.483	0.418989	1
cg23181133	CEACAM3	5.23E-06	0.0059784	0.426245	-2.34607	3.52E-06	0.0753573	-13.2701	2.84E-05	0.141901	-7.04717	0.000114321	0.200559	-4.98607	0.0208581	0.516895	-1.93463	3.64E-05	0.151517	-6.59991	6.40E-07	0.0395154	-25.3066	5.87E-06	0.0892491	-11.2046	0.0224702	0.522682	-1.91321	47.9823	42.7961	0.792812	1
cg13322449	CEACAM3	0.000223686	0.0154505	0.504024	-1.98403	0.0765806	0.634954	-1.57492	0.0096102	0.469594	-2.1295	0.013732	0.495324	-2.01888	0.0567607	0.608228	-1.64412	0.20481	0.734548	-1.36138	5.85E-06	0.0954763	-10.4738	6.52E-05	0.184407	-5.42278	0.174234	0.716571	-1.39554	17.8213	15.0068	0.748504	1
cg15094920	CEACAM3	0.0102112	0.212663	0.462889	-2.16034	0.185431	0.438657	-2.27969	0.232011	0.479229	-2.08669	0.0107695	0.152574	-6.55421	0.0550781	0.279055	-3.58353	0.000205862	0.0260281	-38.42	0.0937026	0.339013	-2.94974	0.0477811	0.264971	-3.774	0.29341	0.527513	-1.89569	5.87121	32.0215	4.84799	1
cg17826043	CEACAM3	0.0277706	0.740976	0.850038	-1.17642	0.331129	0.611938	-1.63415	0.117074	0.434386	-2.3021	0.0201837	0.253558	-3.94387	0.00300831	0.136363	-7.33337	0.601047	1.29486	1.29486	0.0878847	0.397502	-2.51571	0.00966016	0.201107	-4.97249	0.709255	1.20135	1.20135	4.19993	15.9566	3.37712	1
cg11310087	CEACAM3	0.0447403	0.200562	1.66799	1.66799	0.856337	0.933721	-1.07098	0.00878563	0.282857	-3.53535	0.859071	1.06957	1.06957	0.441804	0.743194	-1.34554	0.934705	0.969468	-1.03149	0.173639	1.72948	1.72948	0.00640405	0.261241	-3.82789	0.742959	0.882912	-1.13262	3.53317	8.01341	2.01604	1
cg19187564	CEACAM4	0.00214268	0.00718683	0.432648	-2.31135	0.000514121	0.270089	-3.70248	0.00474841	0.404373	-2.47296	0.0016364	0.336516	-2.97163	0.276076	0.760668	-1.31463	0.968519	0.990516	-1.00957	0.00330934	0.380622	-2.62728	0.00328819	0.380207	-2.63015	0.704757	1.09627	1.09627	9.44995	8.72521	0.820717	1
cg21049958	CEACAM4	0.00414657	0.00806036	0.187433	-5.33523	0.0128159	0.217614	-4.5953	0.035255	0.298269	-3.35268	0.0415891	0.313776	-3.18698	0.00320844	0.137458	-7.27497	0.145094	0.462102	-2.16403	0.000345765	0.0584034	-17.1223	0.00292231	0.133044	-7.5163	0.158077	0.474964	-2.10542	7.76769	29.942	3.42638	1
cg05891548	CEACAM4	0.00860561	?	?	?	0.00266819	0.263473	-3.79545	0.00401377	0.290766	-3.4392	0.039376	0.475884	-2.10135	0.0208839	0.418186	-2.39128	0.382888	0.760714	-1.31455	0.00557959	0.313943	-3.18529	0.12546	0.599818	-1.66717	0.202757	1.51111	1.51111	7.20836	9.20927	1.11788	1
cg23017398	CEACAM4	0.0299658	0.51822	0.770518	-1.29783	0.272055	1.57621	1.57621	0.181561	0.568683	-1.75845	0.338066	1.48149	1.48149	0.174476	0.562767	-1.77693	0.118435	1.96331	1.96331	0.00155991	0.163739	-6.10729	0.289428	1.54905	1.54905	0.854793	1.07563	1.07563	4.08849	10.2568	2.22996	1
cg21529807	CEACAM4	0.0454366	0.0396342	0.400059	-2.49963	0.335805	0.682396	-1.46542	0.109201	0.510413	-1.9592	0.0811349	0.474951	-2.10548	0.10253	0.502633	-1.98952	0.0318351	0.379592	-2.63441	0.00390139	0.224009	-4.46412	0.0206183	0.341798	-2.92571	0.248058	0.628165	-1.59194	3.5128	8.24813	2.08713	1
cg27518582	CEACAM4;CEACAM4	0.0495983	0.042458	0.39241	-2.54835	0.0103805	0.274655	-3.64093	0.208203	0.587894	-1.70099	0.0242254	0.341099	-2.9317	0.0288376	0.356336	-2.80634	0.758239	1.13156	1.13156	0.864378	1.07084	1.07084	0.0509847	0.410676	-2.43501	0.126758	0.516204	-1.93722	3.39853	8.62694	2.25638	1
cg26257634	CEACAM5	3.35E-06	2.17E-05	0.185882	-5.37975	0.00815346	0.513067	-1.94906	9.65E-06	0.152977	-6.53695	4.74E-06	0.126892	-7.88073	8.22E-06	0.146865	-6.80895	0.000165398	0.282225	-3.54327	3.46E-07	0.0547416	-18.2677	3.94E-05	0.212262	-4.71116	0.0441896	0.634073	-1.5771	53.7864	33.0848	0.546768	1
cg24814257	CEACAM5	0.00110363	0.000369046	0.208308	-4.80059	0.00264279	0.318309	-3.1416	0.0131414	0.429077	-2.33058	0.0116148	0.419767	-2.38228	0.00151048	0.284327	-3.51707	0.00311815	0.32879	-3.04146	0.000483031	0.22179	-4.50877	0.00429062	0.349593	-2.86047	0.943553	1.01967	1.01967	11.4415	13.7191	1.06584	1
cg24790544	CEACAM5	0.00143937	0.832191	1.05017	1.05017	0.00260328	0.38199	-2.61787	0.000472609	0.281668	-3.55027	0.121574	0.67893	-1.4729	0.655487	1.10916	1.10916	0.268853	1.30433	1.30433	0.000808471	0.311623	-3.209	0.00752883	0.452278	-2.21103	0.00192077	0.363012	-2.75473	10.6047	8.94041	0.749387	1
cg14666310	CEACAM5	0.00145175	0.0538915	0.578613	-1.72827	0.337491	1.28043	1.28043	0.0330872	0.536379	-1.86435	8.16E-05	0.169372	-5.90417	0.00255202	0.351221	-2.84721	0.00136797	0.313068	-3.19419	0.256192	0.743566	-1.34487	0.249724	0.740281	-1.35084	0.371155	1.25806	1.25806	10.5786	10.471	0.879846	1
cg02768390	CEACAM5	0.00156021	0.00152297	0.339594	-2.94469	0.0304199	0.547734	-1.8257	0.00180772	0.350012	-2.85704	0.00125577	0.32806	-3.04822	0.0656758	0.613399	-1.63026	0.00221326	0.362521	-2.75846	0.00321903	0.386275	-2.58883	0.000417657	0.266062	-3.75852	0.295198	0.773478	-1.29286	10.3614	9.18721	0.788154	1
cg15316334	CEACAM5	0.00575132	0.023844	0.512399	-1.9516	0.543891	1.16454	1.16454	0.140118	0.674628	-1.4823	0.0178569	0.489723	-2.04197	0.0040606	0.384207	-2.60276	0.274642	1.32557	1.32557	0.000547844	0.264143	-3.78583	0.486425	1.19167	1.19167	0.852223	1.04733	1.04733	7.03031	6.84599	0.865584	1
cg23351290	CEACAM5	0.0063481	0.00352631	0.218343	-4.57995	0.000966207	0.151101	-6.61807	0.00927886	0.280892	-3.56008	0.076749	0.468999	-2.1322	0.006487	0.256386	-3.90037	0.12577	0.528743	-1.89128	0.00975258	0.284438	-3.5157	0.0108727	0.2923	-3.42114	0.0630756	0.447448	-2.2349	6.81918	15.9792	2.08291	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg20600737	CEACAM5;CEACAM5	0.0013276	0.0243359	0.531662	-1.8809	0.238838	0.947973	-1.33695	0.00238019	0.368965	2.710328	0.00627363	0.432477	-2.31226	0.00144718	0.338411	-2.95499	0.0109044	0.471296	-2.12181	6.94E-05	0.180723	-5.53332	0.00925815	0.420492	-2.37816	0.0521108	0.594806	-1.68122	10.8671	9.53609	0.780077	1
cg21126943	CEACAM6	7.51E-05	0.0379348	0.657491	-1.52093	0.0015204	0.451676	-2.21398	0.00311215	0.494296	-2.02308	8.14E-05	0.289933	-3.44907	4.64E-05	0.261957	-3.81742	0.0003609	0.360982	-2.70943	2.39E-05	0.230379	-4.34067	0.00117229	0.308692	-3.23948	0.817648	1.04106	1.04106	23.901	11.4922	0.427401	1
cg02400565	CEACAM6	0.00025497	0.3755512	0.787321	-1.27013	0.0652324	1.723118	1.723118	0.0279604	0.505241	-1.97925	0.0998676	0.622462	-1.60652	4.74E-05	0.133288	-7.50253	0.234758	0.720769	-1.38741	3.47E-05	0.121922	-8.20194	0.000519771	0.240999	-4.1494	0.4619117	0.8212373	-1.21762	17.1973	18.8264	0.973094	1
cg25455488	CEACAM6	0.00141376	0.0006863617	0.114592	-8.72659	0.624349	1.229212	1.229212	0.0253174	0.328959	-3.03989	0.0382747	0.353417	-2.72912	0.00234809	0.170316	-5.87144	0.68452	1.18626	1.18626	0.000181823	0.0706861	-14.1171	0.00431381	0.190884	-5.00289	0.851647	0.924702	-1.08343	10.6595	29.5174	2.46142	1
cg02768040	CEACAM6	0.00287656	0.154885	0.430623	-2.32222	0.00205591	0.0356609	-28.0419	0.00902285	0.159287	-6.27799	0.0194638	0.20948	-4.77373	0.0155366	0.193518	-5.16747	0.0236485	0.224207	-4.46017	0.0105301	0.168446	-5.93662	0.000725541	0.0581586	-17.1944	0.0350165	0.256838	4.64588	42.032	4.31156	1
cg22676000	CEACAM6	0.00154907	0.0429724	0.404403	-2.47278	0.8000895	1.103666	1.10366	0.313762	0.668492	-1.49367	0.0327264	0.37863	-2.6411	0.428551	0.730404	-1.36911	0.809624	0.910451	-1.09836	0.000596979	0.127522	-7.84478	0.0135185	0.304709	-3.28128	0.760962	1.12501	1.12502	12.5157	12.2659	1.22709	1
cg03370335	CEACAM6	0.0373963	0.09261	0.457838	-2.18418	0.00421257	0.198346	-5.04169	0.0382307	0.362815	-2.75622	0.151845	0.523039	-1.9119	0.0180641	0.3624	-2.75938	0.0403141	0.367902	-2.71811	0.0187661	0.3005568	-3.32703	0.0461096	0.38109	-2.62405	0.49242	0.745049	-1.34219	3.77516	10.6543	2.50863	1
cg26814958	CEACAM6	0.0441958	0.0044768	0.246645	-4.05443	0.6499707	0.91234	-1.0757	0.00676661	0.275526	-3.65592	0.0511503	0.6073651	-1.64646	0.0890581	0.501126	-1.99551	0.405092	1.3697	1.3697	0.0001461	0.0729562	-1.72136	0.4645021	0.755794	-1.32311	0.33827	0.688902	-1.45158	5.94938	7.66695	1.92007	1
cg07297178	CEACAM7	1.86E-07	4.38E-06	0.20621	-4.84942	6.73E-05	0.336719	-2.96083	3.78E-07	0.213777	-8.78909	0.60698	0.08046	1.08046	3.58E-05	0.197596	5.06082	9.52E-07	0.145346	-6.88013	4.76E-08	0.0001478	-10.4814	0.0115139	0.624147	-1.60219	93.432	32.1612	0.313157	1
cg10645640	CEACAM7	0.00437468	0.0300501	0.334919	-2.9858	0.00300913	0.174861	-5.71883	0.0168105	0.286315	-3.49265	0.620994	0.807628	-1.23819	0.0056731	0.211071	-4.73775	0.598687	0.796395	-1.25566	0.000630534	0.10518	-9.5075	0.0026807	0.168797	-5.92427	0.65183	0.82307	-1.21496	7.64289	22.2436	2.58699	1
cg19623751	CEACAM7	0.00254353	0.0027447	0.176317	-5.67211	0.2488955	0.546706	-2.18797	0.0189862	0.225733	-4.42686	0.152779	0.474385	-2.10772	0.0031659	0.132262	-7.56322	0.142886	0.454801	-2.19876	0.0004772	0.0001493	-19.9385	0.007796	0.454416	-2.20723	0.536313	0.730948	-1.36809	7.29846	28.6769	3.93053	1.52642
cg14779825	CEACAM8	0.00030584	2.13E-05	0.0931576	-10.7345	0.196828	0.46002	-2.46002	0.0102194	0.407364	-2.45428	0.0402162	0.0107194	0.407364	-2.45428	0.0402162	0.0107194	0.219708	0.699121	-1.43037	0.0003103338	0.14882	-6.71953	0.809245	0.935125	-1.06938	0.00882441	0.396647	-2.52113	16.3635	19.9349	1.08289	1
cg21650411	CEACAM8	0.00326578	0.0002826578	-19.3734	3.85E-05	0.0425224	-23.517	0.00136232	0.155025	-6.42606	0.0890138	0.460896	-2.16969	0.0220857	0.533366	-2.99077	0.0001815	0.169589	-5.8966	0.0029481	0.185178	-5.12312	0.0281311	0.638054	-1.56726	0.00386691	0.122655	-8.14709	0.167019	40.7719	2.25497	1
cg06475327	CEACAM8	0.00587292	0.010402	0.626234	-1.59654	0.965183	0.993691	-1.00635	3.36E-05	0.311711	-3.2081	0.0112401	1.58492	1.58492	0.426902	0.8380026	-1.12483	0.269387	0.846386	-1.18149	0.002806018	1.81673	1.81673	0.09631112	0.767376	-1.30314	0.9713	0.994797	-1.00523	13.6652	4.55044	0.295996	1
cg27389562	CEACAM8	0.00105316	0.0001073017	0.244413	-4.09144	0.0005061	0.301017	-3.32207	0.0218447	0.544484	-1.8366	0.0852062	0.656576	-1.52305	0.0193164	0.35537	-2.81337	0.000918435	0.134808	-2.98679	0.0005478	0.48425	-2.06015	0.0126479	0.512891	-1.94973	0.0223096	0.546082	1.51948	8.96287	0.687117	1
cg19399653	CEACAM8	0.00941864	0.0079983	0.255902	-3.90684	0.0103076	0.30902	-3.23604	0.0113856	0.288031	-3.56749	0.4766077	1.33665	1.33665	0.2079065	0.5584232	-1.79057	0.79252	1.11105	1.11105	0.000999806	0.140897	-7.09273	0.7767763	0.892284	-1.12072	0.0442606	0.395978	-2.52539	0.64295	15.8932	2.26202	1
cg08551633	CEACAM8;CEACAM8	0.00951519	0.00371893	0.265417	-3.76766	0.00350754	0.261766	-3.8202	0.0152588	0.364794	-2.74128	0.187259	0.623069	-1.60496	0.162537	0.60371	-1.65642	0.008162445	0.317926	-3.14538	0.00593385	0.2958242	-3.38039	0.0116779	0.344159	-2.90563	0.0427217	0.454032	-2.20249	6.00513	10.8663	1.61289	1
cg01457571	CEBPA;CEBPA	0.0118956	0.0899331	0.491603	-2.03653	0.134556	1.84625	1.84625	0.0245568	0.276812	2.76812	0.20472	1.662302	1.662302	0.285353	0.655922	-1.52457	0.285174	2.06125	2.06125	0.7539002	0.8785353	-1.13846	0.0006027398	0.737515	1.37515	0.838799	1.08049	1.08049	5.58831	12.7852	2.03328	1
cg22250546	CEBPA;CEBPA	0.0348028	0.0137764	0.499348	-2.00021	0.5382209	1.373899	-1.1433	0.122038	0.682771	-1.46442	0.2630369	1.30254	1.30254	0.9650869	0.4086021	-2.44702	0.667887	1.10327	1.10327	0.037029	0.5761557	-1.73564	0.457659	0.841805	-1.18798	0.189209	0.7285657	-1.37256	3.87504	3.18162	0.729827	1
cg15709087	CEBPA;LOC80054	0.029639	0.484561	0.74101	-1.34951	0.18752	0.538716	-1.85626	0.0478419	0.33338	-2.99958	?	?	?	?	?	?	0.863451	1.07403	1.07403	0.0245207	0.93548	0.93548	?	?	?	0.012011	5.4774	5.4774	3.35278	13.1922	1.05202	1
cg06950567	CEBPB	0.00016842	0.0070634	0.767064	-1.30397	0.0069523	0.128	1.11328	0.0408503	0.124815	1.12415	0.000769075	1.30184	1.30184	0.349893	1.0511	1.0511	0.0337834	1.13697	1.13697	0.0007203	0.8284833	-1.21236	0.342434	1.05196	1.05196	0.000912344	1.29276	1.29276	13.4684	0.572104	0.0377578	1
cg02930951	CEBPB	0.0135984	0.0854332	0.676546	-1.4781	0.463642	0.857871	-1.16568	0.720473	0.928817	-1.07664	0.12493	0.710804	-1.40686	0.410147	0.8410251	-1.18899	0.949631	1.01464	1.01464	0.420439	1.18431	1.00020881	0.277361	-3.60541	0.265296	0.787745	-1.26945	13.3537	3.57926	0.594599	1
cg23495692	CEBPD	2.50E-05	0.0687649	0.719353	1.08554	0.704756	0.80814	-1.23756	0.0274341	0.263561	-3.79341	0.0244293	0.344964	1.22767	0.0006242	0.703	-1.42248	0.989141	1.0008	1.0008	0.0004728	0.5997099	-1.66747	2.26E-07	33.6465	33.6465	0.843072	1.04455	1.04455	11.9561	0.2709	1.40852	1
cg06734962	CEBPD	0.00018246	0.85753	0.04033	1.04032	0.952551	0.986996	-1.01317	0.20405	1.34291	1.34291	0.632087	0.899329	-1.11194	0.473331	1.174	1.174	0.68344	1.09437	1.09437	0.0584949	0.624527	-1.60121	1.82E-06	13.6394	13.6394	0.281612	0.781818	-1.27907	18.8335	14.4315	0.681127	1
cg21135018	CEBPD	0.00021692	0.183844	0.727571	-1.37444	0.374447	0.814122	-1.22832	0.772481	0.936697	-1.06758	0.923176	0.978477	-1.022	0.800098	1.05891	1.05891	0.317362	0.792217	-1.26228	0.842588	0.956141	-1.04587	2.12E-06	13.8479	13.8479	0.716588	0.921052	-1.08572	17.9711	14.4828	0.716348	1
cg27194240	CEBPD	0.00033658	0.5917631	0.793554	-1.26084	0.0103076	0.369977	-2.70355	0.0016566	0.170604	-5.86063	0.73972	0.780972	0.8894805	0.2250592	0.7855	-1.27324	0.0016578	0.151332	0.0914936	6.03E-07	0.1499	-6.6708	-1.30711	1.5E-05	0.0009986	0.140897	-7.09273	0.776763	0.892284	-1.12072	0.0442606	0.395978	-2.52539	0.64295	15.8932	2.26202	1
cg16241714	CEBPD	0.00136022	0.299974	1.55523	1.55523	0.6068	1.23792	1.23792	0.242237	0.604587	-1.65402	0.365049	1.46618	1.46618	0.888258	0.943836	-1.05951	?	?	?	4.17E-05	0.0404144	-24.7437	0.00515863	0.21904	-4.56538	0.0375873	0.3709301	-2.69614	11.0301	26.2493	2.37979	1
cg20281397	CEBPD	0.00105193	0.0155162	0.481313	-2.08663	0.1345566	1.84625	1.84625	0.0245568	0.276812	2.76812	0.20472	1.662302	1.662302	0.285353	0.655922	-1.52457	0.790404	0.963611	-1.03776	0.0005888478	0.5514466	-1.81258	0.2105861	0.474903	-2.10602	0.1594624	0.7533016	0.957041	-1.04489	4.84044	3.82603	0.627599	1
cg02240876	CEBPE	9.05E-05	0.370039	-2.80534	-1.23987	0.00742966	0.302367	-3.30724	0.00387674	0.403104	-2.48075	0.457137	1.19347	1.19347	0.0001901	0.2008324	4.97928	0.768801	1.01727	1.07127	2.46E-06	0.0693585	-14.4178	0.00326939	0.257668	-3.88096	0.0028244	0.382653	2.61333	25.6003	22.119	0.768012	1
cg16229875	CEBPE	9.06E-05	0.0027735	0.636055	-1.57219	1.37E-05	0.369159	-2.70886	2.34E-05	0.395933	-2.52568	0.0134495	0.714903	-1.39879	0.301368	0.8891199	-1.12461	0.865914	0.797491	-1.25393	0.00808566	1.4506	1.4506	0.223401	0.869103	-1.15061	0.000642252	0.562976	-1.77627	22.734	4.33054	0.169122	1
cg22094296	CEBPE	0.00037596	0.3756081	0.787321	-1.27013	0.5632052	1.723118	1.723118	-1.09394	7.95E-06	0.232652	-4.4013	0.6401531	1.322441	0.0001475	0.09071	11.0071	1.93483	1.11159	1.11159	0.0007403	0.1803521	5.54111	0.1943483	0.1803521	0.8090805	-1.24223	0.0422808	0.698118	0.0001475	0.09071	11.0071	1.93483	1.11159	1.11159	0.0007403	0.1803521	1
cg00554993	CEBPE	0.00071445	0.00039058	0.219477	-4.55628	0.495344	1.2041	1.2041	0.00414607	0.222982	-4.48468	0.00398626	0.22051	-4.53495	0.00160267	0.296929	-3.36781	0.273805	0.958255	-1.04356	0.46106	0.2169	1.22301	0.0313427	0.507882	-1.96896	0.00451443	0.362295	-2.76019	13.9266	14.7455	1.01318	1
cg24184839	CEBPE	0.00105108	0.40896	0.667377	-1.49863	0.0003574	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	1
cg15691199	CEBPE	0.0152515	0.2663133	0.663518	-1.50712	0.0925571	0.519143	-1.92625	0.000552313	0.149709	-6.67963	0.0654445	0.480789	-2.07992	0.749303	1.11993	1.11993	0.937687	1.02808	1.02808	0.0847157	1.96454	1.96454	0.718279	0.870584	-1.1369	0.0893788	0.515121	1.94129	5.15227	10.2352	1.76581	1
cg01070172	CEBPE	0.0194806	0.0088948	0.375555	-2.66273	0.0571819	0.11987	-8.34238	0.053823	0.115507	-8.65747	0.768615	0.747634	-1.33755	0.00537556	0.026955	-37.0989	0.0393416	0.0953383	-10.489	0.00234587	0.0191083	-52.3332	0.395341	0.423916	-2.35896	0.0893062	0.157694	-6.3414	0.74676	73.0716	13.6835	1
cg15890578	CEBPE	0.00033958	0.537793	0.77	-1.29834	0.0729914	0.245743	-4.0553	0.00842293	0.344964	-2.89885	0.4652953	0.790534	-1.26497	0.1809052	0.6207227	-1.61081	0.240744	1.14974	1.14974	0.0003984	0.5079384	-1.96979	0.0007594	0.23097	-4.32971	0.2397	0.7158571	-1.39698	3.9466	6.25373	1.40852	1
cg01242348	CEBPE	0.0463043	0.0244349	0.224467	-4.45499	0.0529534	0.293594	-3.40607	0.0720705	0.326698	-3.06093	0.952339	1.03387	1.03387	0.0189339	0.205232	-4.87254	0.0611545	0.308601	-3.24043	0.00842072	0.153352	-6.52096	0.0912376	0.354703	-2.81926	0.176762	0.449284	-2.22576	3.48794	17.1518	4.37109	1
cg15377871	CEBPE;CEBPE	0.0188035	0.4953488	0.01878	0.0003564	0.0001	0.36504	-2.75176	0.104854	0.645377	-1.54948	0.082618	0.97028	-1.03053	0.0216302	0.502942	-1.9883	0.0499057	0.675153	1.36105	0.368574	0.796756	-1.25509	0.003441859	0.197143	-5.06565	0.037185	0.550728	-1.81578	0.107759	4.88558	0.855277	1
cg20116676	CEBPG	0.00021938	?	?	0.634449	0.872862	1.14556	1.16091	1.52138	1.52138	?	?	?	?	0.0474063	21.0943	?	0.011918	1.397666	2.51467	0.158468	1.54019	1.54019	?	?	?	0.415359	1.26727	1.26727	24.8756	20.6744	0.96963	1
cg24853871	CEBPG	0.00186659	0.0550323	0.621828	-1.60816	0.55927	1.10706	1.10706	0.0235074	0.9423	1.9423	?	?	?	?	?	?	0.055033	0.621828	-1.60816	0.55927	1.10706	1.10706	0.0235074	0.9423	1.9423	?	?	?	0.000508982	12.4338	12.4338	0.00264021	4.23226	4.23226	0.000666933	9.98626	9.98626	87.323	21.0421	0.120484	1
cg09722062	CEBPG	0.00714787	0.6228374	0.794129	-1.25911	0.0945304	0.37509	-2.66705	0.0210134	0.304652	-3.28284	0.0134309	0.773788	-1.29209	0.0131863	0.6549803	-1.52675	0.366606	0.695707	-1.43739	0.0004625	0.1004457	-9.95453	0.562868	0.795466	-1.25712	0.00845293	0.26839	-3.72592	6.57211	15.9274	2.152	1
cg05914712	CEBPG	0.0103983	0.910825	1.02858	1.02858	0.025637	0.26289	-3.80439	0.0242908	0.268681	1.66861	0.764278	0.927153	-1.07857	0.598254	1.14308	1.14308	0.317125	1.29705	1.29705	0.0045216	0.381265	-2.58944	0.33198	0.28624	1.28624	0.0136369	2.15419	0.837913	5.84774	0.890505	1
cg10122690	CEBPZ	7.37E-05	0.0001899	0.0355	-28.1693	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0002709	0.634807	-1.57603	0.0056924	0.45015	-2.22148	0.00722149	0.466253	-2.14476	0.313804	0.795103	1.2577	4.25224	1.56238	0.681968	1
cg25257610	CEBPZ;C2orf56;C2orf56	0.00044597	0.3984555	0.853548	-1.17158	0.000153506	0.304649	-3.28247	0.00137529	0.427343	-2.34004	0.511329	0.885132	-1.12978	0.0570166	0.674043	-1.48358	0.285791	0.81623	-1.22514	0.0275436	0.215239	-4.646	0.00217832	0.454924	-2.19817	0.0248092	0.613008	-1.6313	14.7575	7.84191	0.472342	1
cg07573791	CEBPZ;C2orf56;C2orf56	0.0024295	0.184581	0.862257	-1.15975	0.0795419	0.614561	-1.62754	0.0202574	0.314204	-3.18212	0.0145308	0.728297	-1.37284	0.0010386	0.514444	-1.94444	0.905929	1.01253	1.01253	0.0001886	0.5344	-1.87188	0.0001759	0.178125	0.814671	-1.22749	0.70364	0.852373	1.17309	5.16133	1	
cg25932386	CEBPZ;C2orf56;C2orf56	0.0268089	0.0102156	0.493007	-2.03596	0.216149	0.750928	-1.33168	0.464543	1.14102	0.0754496	0.0466037	0.545574	0.0185679	0.533532	-1.8743	0.0672949	0.636807	-1.57033	0.0056924	0.45015	-2.2148	0.00722149	0.466253	-2.14476	0.313804	0.795103	1.2577	4.25224	1.56238	0.681968	1
cg09631300	CEBPZ;C2orf56;C2orf56	0.0363258	0.0689391	0.712003	-1.40449	0.76959	1.05024	1.05024	0.0015422	0.467588	-2.13863	0.732678	1.05889	1.05889	0.498546	0.891671	-1.12149	0.323865	1.18535	1.18535	0.77592	1.04878	1.04878	0.361199	0.85501	-1.16958	0.130796	1.31297	1.31297	3.81532	1.68289	0.392078	1
cg25805189	CEBPZ;C2orf56;C2orf56;C2orf56;C2orf5	0.0422042	0.831852	1.02348	1.02348	0.00981698	1.42793	1.42793	0.23609	1.1451	1.1451	0.137193	0.839702	-1.1909	0.521519	1.07355	1.07355	0.966332	1.00462	1.00462	0.019002	0.733521	-1.36329	0.236994	0.873537	-1.14477	0.125174	1.98571	3.61082	0.681061	0.167659	1
cg16863796	6	0.0429864	0.429768	0.786679	-1.27117	0.147126	1.58905	1.58905	0.996073	1.00147	1.00147	0.180586	1.5269	1.5269	0.10635	1.69038	1.69038	0.623035	1.15892	1.15892	0.441649	0.791711	-1.26309	0.642198	0.869975	-1.14946	0.00233012	0.282104	-3.5448	3.58627	5.033138	1.24757	1
cg19192878	CECR1	0.00194523	0.00097474	0.712193	-1.40411	0.626223	0.966614	-1.03454	0.673667	0.971124	-1.02974	0.774264	0.980303	-1.02009	0.0284533	1.1598	1.1598	0.402532	0.942455	-1.06128	0.0001758	0.1591159	1.51149	0.559309	0.863048	-1.15868	0.183516	0.906993	-1.10254	9.70217	0.736765	0.0673755	1
cg18003795	CECR1	0.0288213	0.00588737	0.425246	-2.35054	0.0159592	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	1
cg12608607	CECR1;CECR1	0.0012897	0.859604	0.980778	-1.0196	0.445092	1.08909	1.08909	0.0190734	0.136486	1.36486	0.564935	1.06586	1.06586	0.000100125	0.469355	-2.13059	0.836024	0.977535	-1.02298	0.00107206	1.69848	1.69848	0.246791	1.14198	1.14198	0.111449	2.20933	1.20933	10.9439	2.08306	0.16919	1
cg00137884	CECR1;CECR1;CECR1	0.0023288	0.0031864	0.78533	-1.27335	0.413826	1.05164	1.05164	0.0057059	0.24294	1.24294	0.0295611	1.16618	1.16618	0.0660073	1.13174	1.13174	0.136507	1.10104	1.10104	0.0135374	0.20113	-4.97103	0.0034703	0.188997	-5.29291	0.0188897	0.807727	-1.23881	0.477226	0.957562	-1.04432	0.648429	0.482022	0.0506892	1
cg06726231	CECR1;CECR1	0.00435501	0.00581402	0.175743	-5.69014	0.0270778	0.28376	-3.5241	0.00567838	0.174398	-5.73402	0.0224026	0.267969	-3.73178	0.00578823	0.175489	-5.69837	0.0294935	0.410154	-2.43811	0.00054707	0.0754066	-13.2614	0.0063564	0.242889	-4.11753	0.0102646	0.210719	-4.74566	7.65332	28.0484	3.26186	1
cg24291485	CECR1;CECR1	0.00674761	0.0311078	0.757652	-1.31987	0.38415	0.906758	-1.10283	0.202944	0.862924	-1.15885	0.513284	1.07543	1.07543	0.00338776	0.6459558	-1.54809	0.66546	0.953403	-1.04887	0.00229059	1.59624	1.59624	0.355078	0.900908	-1.10999	0.0107827	0.703743	-1.42097	6.6912	1.27505	0.169383	1
cg00496868	CECR1;CECR1	0.00207078	0.0034464	0.195455	-5.11665	0.0003287	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	0.0001	-4.98	0.0001	1
cg28304059	CECR1;CECR1	0.0156528	0.393965	2.15683	2.15683	0.0030689	35.4683	35.4683	0.0355068	8.62559	8.62559	0.404747	2.11794	2.11794	0.01110583	16.5302	16.5302	0.147496	3.92792	3.92792	0.0325283	34.2061	34.2061	0.0321899	9.10212	9.10212	0.0230583	0.939	10.939	5.10809	62.6912	10.9003	1
cg17331923	CECR1;CECR1	0.0164641	0.3540606	2.12339	2.12339	0.0089352	1.1005	1.1005	0.0156499	0.59868	1.67032	0.168812	1.63212	1.63212	0.0267841	6.9837	6.9837	0.262844	3.80871	3.80871	0.0113438	0.2826	-3.53844	0.0267841	6.9837	6.9837	0.0113438	0.2826	-3.53844	0.0267841	6.9837	6.9837	0.0113438	0.2826	-3.53844	0.0267841	6.9837	6.9837	0.0113438	0.2826	1
cg21144941	CECR1;CECR1	0.0275585	0.572816	1.61823	1.61827	0.00582326	21.127	21.127	0.0742665	5.36667	5.36667	0.45579	1.89966	1.89966	0.0145484	12.7121	12.7121	0.135329	1.89557	1.89557	0.0061884	20.4079	20.4079	0.0433439	7.12094	7.12094	0.0292278	8.76062	8.76062	4.21127	47.597	10.0465	1
cg01972843	CECR1;CECR1	0.0303305	0.6481991	2.13005	2.13005	0.0114958	41.5773	41.5773	0.0305704	3.14342	3.14342	0.222627	1.78185	1.78185	0.149734	2.00591	2.00591	0.029254	3.18261	3.18261	0.0102976	42.2099	42.2099	0.0113638	4.17178	4.17178	0.0291599	3.1855	3.1855	4.07095	13.0984	2.86003	1
cg22910402	CECR1;CECR1	0.0159573	0.1966203	0.455153	-2.19677	0.0052412	21.6631	21.6631	0.0384463	13.6478	13.6478	0.537454	1.63754	1.63754	0.0115504	14.2426	14.2426	0.136913	4.72785	4.72785	0.0133753	14.4171	14.4171	0.0445664	6.08234	6.08234	0.0406612	7.80833	7.80833	3.35638	46.183	10.4451	1
cg13248581	CECR1;CECR1	0.0410158	0.276839	2.46402	2.46402	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14036828	CELSR2	0.0203468	0.772285	1.05407	1.05407	0.223476	0.792861	-1.26126	0.230409	1.2565	1.2565	0.0479506	1.5073	1.5073	0.0021415	0.457225	-2.18711
cg17530411	CELSR2	0.048817	0.165108	2.02552	2.02552	0.00364224	6.52079	6.52079	0.0187768	3.88552	3.88552	0.931501	1.04183	1.04183	0.677297	0.819145	-1.22079
cg06518177	CELSR3	3.14E-05	0.837764	1.03394	1.03394	0.000752719	0.435235	-2.29761	0.223636	0.812117	-1.23135	3.33E-06	0.167536	-5.96886	1.87E-05	0.242072	-4.131
cg02240013	CELSR3	7.16E-05	0.122956	0.733067	-1.36413	0.000298573	0.335039	-2.98472	0.000615871	0.375415	-2.66372	0.219924	0.786886	-1.27083	8.56E-06	0.165504	-6.04214
cg01607569	CELSR3	0.000477555	0.696481	0.929462	-1.07589	0.083049	1.43062	1.43062	0.117152	1.37383	1.37383	0.213159	1.27716	1.27716	6.56E-06	0.153828	-6.50079
cg09447924	CELSR3	0.00050931	0.126948	0.76656	-1.30453	0.115243	0.758978	-1.31756	0.327809	1.17665	1.17665	0.667268	0.93272	-1.07213	0.0102295	0.593715	-1.68431
cg24608717	CELSR3	0.000884742	0.444884	1.307	1.307	0.000104776	0.0947394	-10.5553	0.00964451	0.324283	-3.08372	0.781306	1.1004	1.1004	0.000817554	0.176535	-5.6646
cg02222844	CELSR3	0.00102888	0.083037	1.81202	1.81202	0.000128047	7.87083	7.87083	0.202225	1.51747	1.51747	0.930188	0.973225	-1.02751	0.0128312	2.60448	2.60448
cg04680193	CELSR3	0.0015453	0.0838706	1.43594	1.43594	0.0683708	0.679799	-1.47102	0.00221729	0.44447	-2.24987	0.892907	0.974845	-1.0258	0.00386273	0.478914	-2.08806
cg02773588	CELSR3	0.00169165	0.00917837	2.50345	2.50345	0.00489497	2.81342	2.81342	0.900164	0.965784	-1.03543	0.749014	0.91481	-1.09312	0.108072	1.62633	1.62633
cg11929643	CELSR3	0.00227322	0.0855882	0.554497	-1.80344	0.258372	1.44193	1.44193	0.905366	1.0376	1.0376	0.0482616	2.01461	2.01461	0.16465	1.58418	1.58418
cg08640901	CELSR3	0.00231514	0.346189	1.20971	1.20971	0.326484	1.21994	1.21994	0.17925	1.3231	1.3231	0.276694	1.24861	1.24861	0.0729942	1.48059	1.48059
cg05876340	CELSR3	0.00289703	0.119515	0.686897	-1.45582	0.115893	0.68391	-1.46218	0.11491	0.683087	-1.46394	0.00104951	0.340285	-2.93872	0.00230973	0.388087	-2.57674
cg08063452	CELSR3	0.00357686	0.282109	0.844747	-1.18379	0.775682	0.957793	-1.04407	0.484749	0.898372	-1.11312	0.790129	1.04109	1.04109	0.000147884	0.37352	-2.67723
cg04484520	CELSR3	0.00670878	0.68886	0.942509	-1.061	0.0509373	1.38694	1.38694	0.000777012	0.473279	-2.11292	0.778123	0.959297	-1.04243	0.0143527	0.641443	-1.55899
cg04399450	CELSR3	0.00691513	0.958833	0.986041	-1.01416	0.00214304	0.309063	-3.23558	0.722934	0.907608	-1.1018	0.00149948	0.287599	-3.47706	0.733396	0.911098	-1.09758
cg09397359	CELSR3	0.00783795	0.00982296	0.344125	-2.90593	0.00284953	3.82739	3.82739	0.0036956	3.60484	3.60484	0.826311	0.93069	-1.07447	0.663985	0.866875	-1.15357
cg15142694	CELSR3	0.0162816	0.385762	1.47629	1.47629	0.000576348	10.3165	10.3165	0.593652	1.26609	1.26609	0.467923	1.38204	1.38204	0.0616398	2.51481	2.51481
cg10324902	CELSR3	0.0204629	0.0280064	0.726504	-1.37646	0.721864	0.956958	-1.04498	0.710685	1.04693	1.04693	0.0733679	1.27859	1.27859	0.134529	0.819869	-1.21971
cg20031584	CELSR3	0.0223159	0.304591	0.850953	-1.17515	0.184643	1.23813	1.23813	0.233893	1.20858	1.20858	0.450366	1.12385	1.12385	0.388295	1.14365	1.14365
cg11294835	CELSR3	0.0235703	0.436518	1.11559	1.11559	0.230602	0.840879	-1.18923	0.00246206	1.78662	1.78662	0.25141	1.17954	1.17954	0.440244	0.897212	-1.11456
cg18855250	CELSR3	0.0241347	0.768235	0.926779	-1.07901	0.0429688	0.549172	-1.82092	0.0015451	0.309825	-3.22763	0.938777	1.01996	1.01996	0.153146	0.674597	-1.48237
cg21175642	CELSR3	0.0321212	0.60987	0.933164	-1.07162	0.944247	1.00945	1.00945	0.153547	1.22801	1.22801	0.115909	1.25822	1.25822	0.955705	0.992561	-1.00749
cg10573386	CELSR3	0.03374	0.573709	1.21464	1.21464	0.900137	1.04388	1.04388	0.298946	1.44521	1.44521	0.124796	0.56643	-1.76544	0.396598	1.34573	1.34573
cg19523099	CELSR3	0.0349831	0.257367	0.841234	-1.18873	0.725622	1.05289	1.05289	0.550588	0.915462	-1.09234	0.355661	0.870258	-1.14908	0.00733005	0.603141	-1.65799
cg26468478	CELSR3	0.0411199	0.0295202	23.8938	23.8938	0.0570879	14.3788	14.3788	0.137917	7.23	7.23	0.081003	10.9766	10.9766	0.0202948	31.9744	31.9744
cg04035377	CELSR3	0.0422879	0.476079	1.26842	1.26842	0.00555843	3.3043	3.3043	0.0940246	1.82966	1.82966	0.931855	0.972327	-1.02846	0.0911803	1.8413	1.8413
cg02858118	CELSR3	0.0455097	0.0457606	13.9406	13.9406	0.0557583	12.1052	12.1052	0.107282	7.55737	7.55737	0.0947821	8.26903	8.26903	0.0234022	22.557	22.557
cg08890837	CEMP1	0.0215823	0.906592	1.06219	1.06219	0.00532135	6.60223	6.60223	0.0820664	2.69175	2.69175	0.00600352	6.33093	6.33093	0.60835	0.76671	-1.30427
cg09553358	CEND1	0.000369403	0.0255316	0.749935	-1.33345	0.000171484	1.99862	1.99862	0.00159571	1.63426	1.63426	0.916327	1.01146	1.01146	0.76039	1.03373	1.03373
cg10141019	CEND1	0.00137151	0.102538	0.684621	-1.46066	0.868512	0.965471	-1.03576	0.687609	0.917844	-1.08951	0.0316104	0.585972	-1.70657	0.000344609	0.294738	-3.39284
cg08244238	CEND1	0.0229969	0.0327558	0.714689	-1.39921	0.811583	0.968396	-1.03263	0.0818224	1.29604	1.29604	0.00964043	1.55355	1.55355	0.00654933	1.60796	1.60796
cg17739936	CEND1	0.0257131	0.35323	1.12706	1.12706	0.0189462	0.700598	-1.42735	0.00207061	1.72127	1.72127	0.153169	1.21112	1.21112	0.216439	0.849699	-1.17689
cg09946142	CEND1	0.0388622	0.177234	0.483779	-2.06706	0.00675567	5.91708	5.91708	0.0139238	4.65602	4.65602	0.983022	0.989284	-1.01083	0.0506343	0.323778	-3.08853
cg10315993	CENPA;CENPA	0.000164474	0.00995541	1.4094	1.4094	0.000498563	1.77578	1.77578	0.000367111	1.82491	1.82491	0.00155294	0.618994	-1.61552	0.00444596	1.49197	1.49197
cg22284448	CENPA;CENPA	0.000377617	0.000389834	0.188172	-5.31428	0.897013	0.962467	-1.039	0.0827704	1.76393	1.76393	0.768987	0.916674	-1.0909	0.000413774	0.191013	-5.23525
cg24127278	CENPA;CENPA	0.000643795	0.00199792	0.271325	-3.68562	0.00137711	0.24974	-4.00416	0.00685238	0.351012	-2.8489	0.075773	0.553832	-1.8056	0.00880738	0.368916	-2.71065
cg27025088	CENPA;CENPA	0.0023454	0.00175091	0.658004	-1.51975	0.219573	1.12878	1.12878	0.00236422	0.671722	-1.48871	0.00599584	1.40074	1.40074	0.238397	0.890585	-1.12286
cg13874838	CENPA;CENPA	0.00335099	0.0136172	1.26645	1.26645	0.0541126	0.844356	-1.18433	0.825867	1.0172	1.0172	0.00976318	1.28777	1.28777	0.000616969	1.50376	1.50376
cg14934766	CENPA;CENPA	0.00352267	0.54066	1.07115	1.07115	0.0386607	0.766621	-1.30443	0.0373475	0.764795	-1.30754	0.855834	1.02039	1.02039	0.102658	0.820226	-1.21918
cg04749129	CENPA;CENPA	0.0389559	0.239013	0.857558	-1.1661	0.0901884	1.26201	1.26201	0.0258027	1.39078	1.39078	0.311392	1.13941	1.13941	0.0341004	1.36092	1.36092
cg22595230	CENPB	0.0129202	0.0395549	3.72451	3.72451	0.0351421	0.257799	-3.87899	0.0155298	5.15211	5.15211	0.0282011	4.18449	4.18449	0.236437	1.98422	1.98422
cg02836830	CENPB	0.0197751	0.872177	1.01836	1.01836	0.0719113	0.79693	-1.25481	0.0104603	0.694809	-1.43925	0.170013	0.847789	-1.17954	0.0583329	0.785288	-1.27342
cg23948071	CENPB	0.0233128	0.0401647	0.361803	-2.76394	0.225031	1.727	1.727	0.243136	1.68824	1.68824	0.00735548	0.227361	-4.39829	0.562146	0.777794	-1.28569
cg04562295	CENPBD1;AFG3L1;CENPBD1;AFG3L1;AFG3L1	7.00E-05	0.0646763	1.62395	1.62395	0.366033	0.804935	-1.24234	0.000583501	0.288712	-3.46366	0.36137	1.24512	1.24512	0.14054	1.44836	1.44836
cg09010812	CENPBD1;AFG3L1;CENPBD1;AFG3L1;AFG3L1	7.97E-05	5.93E-06	0.140904	-7.09705	0.351475	0.831264	-1.20299	0.000335457	0.328023	-3.04857	0.231625	0.785212	-1.27354	0.00020685	0.301964	-3.31165
cg13622267	CENPC1	0.00326064	0.230741	0.879766	-1.13667	0.00240093	1.53869	1.53869	0.00309336	1.51056	1.51056	0.3528	1.10232	1.10232	0.103365	1.19903	1.19903
cg23734074	CENPC1	0.00736269	0.00643226	0.573789	-1.7428	0.0465733	1.42935	1.42935	0.343529	1.16525	1.16525	0.0156919	1.59067	1.59067	0.119415	0.767317	-1.30324
cg17447147	CENPC1	0.0160628	0.354121	1.52045	1.52045	0.00836116	4.39739	4.39739	0.0673595	2.46188	2.46188	0.00317863	0.170194	-5.87566	0.382492	0.674601	-1.48236
cg26130622	CENPC1	0.0255481	0.418757	0.87411	-1.14402	0.0598939	0.707714	-1.413	0.494603	1.11957	1.11957	0.00674297	0.564384	-1.77184	0.242906	0.819546	-1.22019
cg13938963	CENPC1	0.0352887	0.859349	1.01048	1.01048	0.0077303	1.22281	1.22281	0.090062	0.895982	-1.11609	0.0202245	1.17896	1.17896	0.334928	1.0602	1.0602
cg11682216	CENPC1;CENPC1	0.00533915	0.247582	0.677654	-1.47568	0.967839	0.987106	-1.01306	0.877158	0.951429	-1.05105	0.000387387	0.161734	-6.18301	0.000549901	0.17779	-5.62462
cg24651824	CENPE	0.000491001	0.000214749	0.412355	-2.4251	0.012742	0.641648	-1.55849	0.0774224	0.754707	-1.32502	0.00676053	0.604511	-1.65423	0.000129171	0.385286	-2.59547
cg21163042	CENPE	0.00200977	0.000643453	0.576102	-1.7358	0.0542975	0.794564	-1.25855	0.19985	0.867089	-1.15328	0.114301	0.834541	-1.19826	0.00343724	1.51962	1.51962
cg06884314	CENPE	0.00351362	0.00642608	0.352879	-2.83384	0.00449938	0.328647	-3.04278	0.0836718	0.569758	-1.75513	0.336736	0.747483	-1.33782	0.00609491	0.34921	-2.86361
cg27598017	CENPE	0.0136175	0.797399	0.951994	-1.05043	0.000889701	0.38599	-2.59074	0.554231	1.12121	1.12121	0.0829434	0.692704	-1.44362	0.358858	0.834915	-1.19773
cg27443373	CENPE	0.0220452	0.0165542	0.148667	-6.72644	0.0056126	0.093712	-10.671	0.0940674	0.301601	-3.31564	0.329591	0.519377	-1.92538	0.0254836	0.177523	-5.63308
cg18094824	CENPE	0.0355632	0.0086674	0.284211	-3.51852	0.954011	0.978549	-1.02192	0.019223	2.90072	2.90072	0.0197522	2.88204	2.88204	0.133997	1.83608	1.83608
cg14413368	CENPE	0.0480737	0.193044	1.21115	1.21115	0.0655869	0.750225	-1.33293	0.699573	0.947501	-1.05541	0.0343576	1.40954	1.40954	0.743223	0.955313	-1.04678
cg07450641	CENPF	0.00016463	0.0109735	0.744299	-1.34355	0.0642055	1.21219	1.21219	0.00023294	0.568401	-1.75932	0.654609	1.04254	1.04254	0.937703	1.00726	1.00726
cg00060715	CENPF	0.00128529	0.0189894	0.807883	-1.2378	0.0814495	0.864965	-1.15612	0.176364	0.897657	-1.11401	0.0887251	1.15147	1.15147	0.457903	1.05842	1.05842
cg26809965	CENPF	0.00162699	0.00294947	1.58507	1.58507	0.308735	0.887917	-1.12623	0.480941	0.92234	-1.0842	0.00187298	1.64494	1.64494	0.0239082	1.35541	1.35541
cg00987890	CENPF	0.00170763	0.000139903	0.305881	-3.26924	0.220743	1.26097	1.26097	0.175751	1.29603	1.29603	0.243465	0.802662	-1.24585	0.0086075	0.546902	-1.82848
cg10379951	CENPF	0.00227913	?	?	?	0.922297	0.979149	-1.0213	0.0389249	1.67586	1.67586	0.0243334	0.560088	-1.78544	0.000192347	0.257619	-3.8817
cg23625236	CENPF	0.0025908	0.109913	0.896715	-1.11518	0.00413325	0.78617	-1.27199	0.000309944	0.693404	-1.44216	0.915749	1.00664	1.00664	0.0490122	0.868832	-1.15097
cg22041712	CENPF	0.00482446	0.0353763	3.49641	3.49641	0.000650741	14.4542	14.4542	0.00145125	10.4913	10.4913	0.109753	2.43695	2.43695	0.131892	0.435674	-2.29529
cg22426789	CENPF	0.00524241	0.0536566	1.65515	1.65515	0.063173	1.61698	1.61698	0.199345	1.36593	1.36593	0.0334569	1.77074	1.77074	0.00678106	0.44625	-2.2409
cg15009294	CENPF	0.00620548	0.11917	1.26904	1.26904	0.655892	1.06523	1.06523	0.00413507	0.581733	-1.719	0.13736	0.798163	-1.25288	0.00302612	0.564085	-1.77278
cg24711708	CENPF	0.00718687	0.283425	0.870495	-1.14877	0.00337477	0.608864	-1.6424	0.00512174	0.631133	-1.58445	0.270047	0.866817	-1.15365	0.2126	0.849272	-1.17748
cg15722631	CENPF	0.0161213	0.526412	1.20504	1.20504	0.0165296	0.427052	-2.34164	0.00673625	0.360298	-2.77548	0.456713	0.802324	-1.24638	0.00313159	0.309201	-3.23415
cg10716356	CENPF	0.0218584	0.0027131	0.10416	-9.60064	0.959711	1.02797	1.02797	0.141575	0.421793	-2.37083	0.0611375	0.315875	-3.16581	0.00371464	0.117578	-8.50498
cg00173170	CENPF	0.0355343	0.445209	0.842953	-1.18631	0.503816	1.16059	1.16059	0.850163	0.959333	-1.04239	0.0579386	0.624649	-1.6009	0.520962	0.866904	-1.15353
cg09933323	CENPF	0.0415048	0.175445	0.451197	-2.21633	0.0127946	0.181214	-5.51834	0.177157	0.452795	-2.2085	0.503225	0.687115	-1.45536	0.00866463	0.157506	-6.34897
cg21993406	CENPH	0.000135354	0.967714	0.99398	-1.00606	0.446105	1.12285	1.12285	9.09E-06	4.1902	4.1902	0.00340833	1.81082	1.81082	0.405406	0.880733	-1.13542
cg14518948	CENPH	0.000406707	0.00525014	0.55938	-1.78769	0.00287409	0.523584	-1.90991	0.000879242	2.19676	2.19676	0.27384	0.83553	-1.19685	0.0011267	0.469324	-2.13072
cg07613952	CENPH	0.0173874	0.218637	0.710693	-1.40708	0.756683	0.92124	-1.08549	0.738526	0.915372	-1.09245	0.693422	1.11024	1.11024	0.000263061	0.205383	-4.86895
cg21293846	CENPI	0.00818239	0.00748642	0.230286	-4.34243	0.109355	0.474921	-2.10561	0.0720831	0.424742	-2.35437	0.169799	0.535951	-1.86584	0.00331739	0.18166	-5.50479
cg12724827	CENPI	0.0123378	0.261131	0.762889	-1.31081	0.0059449	0.435736	-2.29497	0.00950845	0.468295	-2.13541	0.377235	0.811198	-1.23275	0.00396796	0.408774	-2.44634
cg21988739	CENPI	0.017294	0.000460922	0.00395959	-252.552	0.569427	0.561614	-1.78058	0.97492	0.968948	-1.03205	0.184493	4.10593	4.10593	0.510288	1.9545	1.9545
cg21784182	CENPI;CENPI	0.00641407	0.0398706	0.422533	-2.36668	0.000591211	0.145994	-6.8496	0.00841367	0.295099	-3.38869	0.0307298	0.398408	-2.50999	0.0161073	0.343746	-2.90912
cg13237068	CENPJ	0.000236451	0.000312512	0.234873	-4.25763	0.0335598	0.540444	-1.85033	1.94E-05	0.116568	-8.57869	0.000711102	0.278607	-3.58928	0.00583094	0.408699	-2.44679
cg14486372	CENPJ	0.000271336	0.2634	0.859391	-1.16361	0.237839	0.851542	-1.17434	7.26E-06	0.276254	-3.61985	0.910817	1.01467	1.01467	0.00132376	0.544984	-1.83492
cg22942528	CENPJ	0.020812	0.653235	0.904201	-1.10595	0.00358364	2.40707	2.40707	0.423355	1.19972	1.19972	0.296699	0.786024	-1.27223	0.66349	0.907115	-1.1024
cg24770161	CENPJ	0.0225993	0.404749	0.945065	-1.05813	0.888432	0.99074	-1.00935	0.900061	1.00836	1.00836	0.745679	1.0218	1.0218	0.237459	0.921249	-1.08548
cg12360330	CENPJ	0.0305892	0.893326	0.985509	-1.0147	0.922506	0.98947	-1.01064	0.213668	0.867221	-1.15311	0.791111	1.0293	1.0293	0.165249	1.17473	1.17473
cg16925970	CENPJ	0.0314519	0.614539	0.921718	-1.08493	0.221678	1.229	1.229	0.116523	0.760504	-1.31492	0.0186175	1.58082	1.58082	0.416018	1.14276	1.14276
cg13255538	CENPJ;CENPJ	0.00350503	0.366879	1.6931	1.6931	0.0974299	2.80989	2.80989	0.269951	1.9204	1.9204	0.964226	1.0258	1.0258	0.55337	0.711348	-1.40578
cg00984787	CENPK	0.00347868	0.0142105	0.324769	-3.07911	0.0204895	0.354126	-2.82385	0.0942833	0.504641	-1.98161	0.491535	0.771234	-1.29662	0.000960092	0.160649	-6.22476
cg22719655	CENPK	0.00945219	0.0812789	0.440576	-2.26976	0.0396471	0.364554	-2.74308	0.0231779	0.316234	-3.16221	0.168295	0.536493	-1.86396	0.000871189	0.120236	-8.31699
cg18192574	CENPK;PPWD1	8.44E-05	0.013106	0.815271	-1.22659	0.00604562	1.26874	1.26874	0.000297133	1.47836	1.47836	0.276417	1.07804	1.07804	0.074176	0.876275	-1.14119
cg11044823	CENPK;PPWD1	0.00715806	0.0595226	0.82023	-1.21917	0.159432	1.14899	1.14899	0.0187427	1.30805	1.30805	0.00131147	1.57633	1.57633	0.271432	1.11107	1.11107
cg18503711	CENPK;PPWD1	0.0328394	0.0890682	0.658359	-1.51893	0.104802	1.48461	1.48461	0.00595825	2.2289	2.2289	0.0488808	0.605711	-1.65095	0.411222	0.82919	-1.206
cg13034654	CENPK;PPWD1;PPWD1	0.00158879	?	?	?	0.745186	1.11628	1.11628	?	?	?	?	?	?	0.000223427	12.7078	12.7078
cg21396487	CENPL;CENPL;CENPL;CENPL;DARS2;CENPL	0.0203719	0.546129	1.44169	1.44169	0.189254	2.29986	2.29986	0.788864	0.851514	-1.17438	0.000487566	0.0378835	-26.3967	0.706074	1.25471	1.25471
cg24405650	CENPL;CENPL;CENPL;CENPL;DARS2;CENPL	0.0262838	0.890938	0.966542	-1.03462	0.359133	0.791454	-1.2635	0.524464	0.852151	-1.1735	0.47411	1.19791	1.19791	0.00156256	0.323864	-3.08772
cg23886974	CENPL;CENPL;CENPL;CENPL;DARS2;CENPL	0.0360925	0.516614	0.809118	-1.23591	0.028685	2.29621	2.29621	0.872436	0.949559	-1.05312	0.429363	0.771171	-1.29673	0.00520415	0.304929	-3.27945
cg04217776	CENPL;DARS2;CENPL;CENPL;DARS2	0.00389727	0.0694967	0.571145	-1.75087	0.226472	1.41955	1.41955	0.212941	1.436	1.436	0.200284	0.688514	-1.4524	0.00394258	0.343052	-2.91501
cg26269644	CENPL;DARS2;DARS2;CENPL;CENPL	0.0484663	0.071421	0.707696	-1.41304	0.556295	1.10759	1.10759	0.0069288	0.548772	-1.82225	0.0475553	0.677625	-1.47574	0.708168	0.937469	-1.0667
cg09465855	CENPM;CENPM	9.80E-05	6.50E-06	0.121621	-8.22229	0.162841	0.731607	-1.36685	0.00462494	2.20434	2.20434	0.759093	0.937511	-1.06665	0.271182	0.786387	-1.27164
cg02552097	CENPM;CENPM	0.00196983	0.00099459	0.246852	-4.05101	0.256371	0.71255	-1.40341	0.357326	0.762769	-1.31101	0.269198	1.38981	1.38981	0.000562473	0.216622	-4.61635
cg19334818	CENPM;CENPM	0.00257419	0.00139435	0.616266	-1.62268	0.0233125	1.32758	1.32758	0.000499538	1.76687	1.76687	0.0330478	0.770638	-1.29763	0.165103	0.856603	-1.1674
cg09869042	CENPM;CENPM	0.0104098	0.287412	0.843551	-1.18546	0.0287031	1.48803	1.48803	0.0878813	1.33661	1.33661	0.570395	1.09235	1.09235	0.281065	1.18835	1.18835
cg17298884	CENPM;CENPM	0.0290964	0.0306371	0.750894	-1.33175	0.903581	1.01376	1.01376	0.806441	0.972687	-1.02808	0.165699	1.18148	1.18148	0.8929	1.01531	1.01531
cg20299105	CENPM;CENPM	0.0396235	0.0158566	0.57057	-1.75263	0.503686	0.879088	-1.13754	0.44177	1.16062	1.16062	0.822271	1.04365	1.04365	0.0024643	0.449504	-2.22468
cg24414363	CENPM;CENPM;CENPM	0.0157181	0.0476757	0.544246	-1.83741	0.0139118	0.442092	-2.26197	0.00302306	0.335587	-2.97986	0.489266	0.828035	-1.20768	0.113353	0.629486	-1.5886
cg21151899	CENPM;CENPM;CENPM	0.0334172	0.0847367	0.643638	-1.55367	0.836061	0.953239	-1.04905	0.945906	0.98444	-1.01581	0.32832	0.792007	-1.26262	0.00194439	0.363132	-2.75382
cg26789859	CENPN	0.00391453	0.00321035	0.188556	-5.30346	0.115327	0.491571	-2.03429	0.0132152	0.279692	-3.57536	0.585326	0.795692	-1.25677	0.000697361	0.117025	-8.54517
cg09011947	CENPN;CENPN;CENPN	0.0232169	0.119377	0.532271	-1.87874	0.00351631	0.228352	-4.3792	0.0928498	0.501601	-1.99362	0.441221	0.745996	-1.34049	0.00871427	0.287322	-3.48042
cg07896678	CENPN;CENPN;CENPN	0.0265093	0.0662033	0.51306	-1.94909	0.0279933	0.431375	-2.31817	0.100538	0.558432	-1.79073	0.32783	0.720997	-1.38697	0.00381911	0.28275	-3.5367
cg17858663	CENPN;CENPN;CENPN;C16orf61	0.0167153	0.00300077	0.621417	-1.60922	0.430897	1.09854	1.09854	0.192845	0.851202	-1.17481	0.405727	1.10455	1.10455	0.706716	0.956774	-1.04518
cg08167214	CENPN;CENPN;CENPN;C16orf61	0.0205753	0.0333538	1.15407	1.15407	0.244607	1.07266	1.07266	0.00828808	0.823242	-1.21471	0.821379	0.987054	-1.01312	0.5611	0.966703	-1.03444
cg15806457	CENPN;CENPN;CENPN;C16orf61	0.0492156	0.953828	1.01482	1.01482	0.0279753	0.516908	-1.93458	0.491966	1.19409	1.19409	0.00779272	0.419692	-2.3827	0.150506	0.675934	-1.47943
cg05473287	CENPN;CENPN;CENPN;CENPN;CENPN;CENPN;C16orf61	0.00121186	0.603496	0.942256	-1.06128	4.58E-05	2.39758	2.39758	0.412575	1.09976	1.09976	0.144174	0.836867	-1.19493	0.800408	1.02917	1.02917
cg06763588	CENPN;CENPN;CENPN;CENPN;CENPN;CENPN;C16orf61	0.00348795	0.0198213	0.787436	-1.26995	0.76244	1.02609	1.02609	0.518999	0.945975	-1.05711	0.000253361	0.599121	-1.66911	0.670649	0.964313	-1.03701
cg24679246	CENPO	0.0105104	0.896915	0.983105	-1.01719	0.994019	0.999015	-1.00099	0.396197	0.892066	-1.12099	0.570516	1.07828	1.07828	0.000488342	0.487578	-2.05095
cg25690922	CENPO	0.0116551	0.988284	0.998133	-1.00187	0.00473555	0.620363	-1.61196	0.00858426	0.652717	-1.53206	0.789171	0.96647	-1.03469	0.00702159	0.641745	-1.55825
cg21494337	CENPO;C2orf79	0.0013614	0.00164417	0.404795	-2.47038	0.000281842	3.29051	3.29051	0.221685	1.29399	1.29399	0.0772924	0.674297	-1.48303	0.0247603	0.584893	-1.70971
cg04818882	CENPO;C2orf79	0.0061274	0.675001	0.855333	-1.16914	0.549985	1.25123	1.25123	0.53242	1.26406	1.26406	0.534195	1.26274	1.26274	7.96E-05	0.071262	-14.0327
cg26478992	CENPP;ASPN	2.92E-05	0.122375	0.805351	-1.24169	0.00488154	0.617286	-1.61999	8.57E-05	0.401678	-2.48956	0.0984041	0.791079	-1.2641	8.04E-06	0.282954	-3.53414
cg14639562	CENPP;ASPN	0.0261417	0.40332	0.803074	-1.24522	0.00560001	0.393445	-2.54165	0.352213	1.27826	1.27826	0.264064	0.741905	-1.34788	0.00466717	0.381111	-2.6239
cg14318680	CENPP;ASPN	0.048959	0.0688081	0.463645	-2.15682	0.00933972	0.288145	-3.47048	0.30217	0.668031	-1.49694	0.792709	0.905379	-1.10451	0.0582016	0.445772	-2.2433
cg14293834	CENPP;ECM2	0.000748025	0.0444202	0.677967	-1.475	0.448814	0.878143	-1.13877	0.0251105	0.638573	-1.56599	0.20699	0.799276	-1.25113	4.50E-05	0.272545	-3.66912
cg24105685	CENPP;ECM2	0.00422294	0.752814	0.930209	-1.07503	0.00753991	0.455078	-2.19742	0.190123	0.727784	-1.37403	0.520597	1.16081	1.16081	0.00487092	0.425412	-2.35066
cg13407278	CENPP;ECM2	0.0125736	0.0104659	0.330357	-3.02702	0.00456214	0.272993	-3.6631	0.00522401	0.281825	-3.5483	0.0806783	0.513846	-1.94611	0.0141916	0.353473	-2.82907
cg13720022	CENPP;ECM2	0.0346734	0.0029152	0.133322	-7.50064	0.0253747	0.270045	-3.70309	0.242383	0.547319	-1.82709	0.577157	0.757699	-1.31978	0.0282524	0.279142	-3.5824
cg14024321	CENPP;ECM2	0.0491925	0.0802801	0.368177	-2.71609	0.0225493	0.244943	-4.08258	0.0204208	0.237185	-4.21612	0.543374	0.728499	-1.37269	0.00852634	0.177531	-5.63283
cg25927642	CENPP;NOL8;CENPP;NOL8	0.00384047	0.0980436	1.33242	1.33242	0.641956	0.928624	-1.07686	0.0763748	1.36585	1.36585	0.0154235	1.6001	1.6001	0.00566632	1.77534	1.77534
cg14597923	CENPP;NOL8;NOL8	0.000572729	0.540186	1.06854	1.06854	0.204997	1.15368	1.15368	0.135767	1.18751	1.18751	0.179065	1.16484	1.16484	0.0167104	1.36654	1.36654
cg21191592	CENPP;OMD	0.000107624	0.0856509	1.46139	1.46139	0.00730891	0.50121	-1.99517	0.000263072	0.30192	-3.31214	0.695553	0.924466	-1.08171	0.000107764	0.25576	-3.90992
cg27555063	CENPQ	0.042779	0.00535405	0.375839	-2.66071	0.0347306	0.518557	-1.92843	0.0401071	0.531091	-1.88292	0.38713	0.789383	-1.26681	0.0117701	0.431979	-2.31493
cg14479014	CENPQ	0.0479557	0.0760069	0.57153	-1.74969	0.0117718	0.410084	-2.43853	0.00326168	0.320973	-3.11553	0.385957	0.777385	-1.28636	0.848379	1.05573	1.05573
cg08367673	CENPQ;MUT	0.00178417	0.691136	0.925763	-1.08019	0.00387751	0.471738	-2.11982	0.282098	1.24098	1.24098	0.0084195	0.522056	-1.9155	0.151198	0.742979	-1.34593
cg10568944	CENPQ;MUT	0.00345733	0.00221371	0.638431	-1.56634	0.00493133	1.47655	1.47655	0.213001	1.14711	1.14711	0.0203115	0.746205	-1.34011	0.0415523	1.27879	1.27879
cg14381986	CENPQ;MUT	0.00800936	0.358641	0.889309	-1.12447	0.0180126	1.42923	1.42923	0.941864	0.990977	-1.00911	0.0365154	0.739307	-1.35262	0.378185	1.11893	1.11893
cg26928766	CENPT	0.0024377	0.00610354	0.260058	-3.84529	0.00188014	0.190417	-5.25162	0.00214308	0.197418	-5.0654	0.00219315	0.198671	-5.03345	0.012057	0.307899	-3.24782

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14036828	0.0774923	0.700384	-1.42779	0.413843	0.859335	-1.16369	0.0648607	1.45683	1.45683	0.639079	0.91785	-1.0895	4.67714	2.43951	0.463628	1
cg17530411	0.0964091	2.38724	2.38724	0.0788522	2.53518	2.53518	0.0743438	2.58002	2.58002	0.433521	1.46369	1.46369	3.41906	12.3045	3.19892	1
cg06518177	3.29E-05	0.26914	-3.71554	0.00646729	0.561974	-1.77944	0.359953	1.16556	1.16556	0.0018043	0.485579	-2.0594	30.1039	12.6323	0.372998	1
cg02240013	0.296472	0.8178	-1.22279	2.73E-05	0.214963	-4.65197	0.742063	1.06329	1.06329	0.000209487	0.315909	-3.16547	24.2053	13.2352	0.486036	1
cg01607569	0.0857678	0.701635	-1.42524	0.579018	1.11024	1.11024	0.746079	0.941172	-1.0625	0.542755	0.891396	-1.12184	14.4737	7.98201	0.490209	1
cg09447924	3.87E-05	0.280926	-3.55966	0.000248793	0.377659	-2.64789	0.112352	1.32099	1.32099	0.0028667	0.516518	-1.93604	14.2176	5.83991	0.365114	1
cg24608717	0.000838744	0.177771	-5.62521	0.00319919	0.250698	-3.98887	0.0412817	0.445189	-2.24624	0.0828843	0.516771	-1.93509	12.1814	22.7999	1.66373	1
cg02222844	0.00526032	3.12628	3.12628	0.000196993	6.94651	6.94651	0.00222111	3.77149	3.77149	0.796057	1.08353	1.08353	11.6719	17.7346	1.35061	1
cg04680193	0.695308	1.07729	1.07729	9.22E-05	0.267028	-3.74493	0.443545	1.15923	1.15923	0.245486	0.794723	-1.2583	10.3902	5.88716	0.503653	1
cg02773588	0.00203976	3.34025	3.34025	0.000594504	4.35183	4.35183	0.000267678	5.25494	5.25494	0.195037	1.46257	1.46257	10.1222	12.3348	1.0832	1
cg11929643	0.00367497	0.295609	-3.38284	0.000147584	0.131965	-7.57778	0.33323	1.36308	1.36308	0.345125	1.35223	1.35223	9.28782	14.1663	1.35578	1
cg08640901	0.000269682	3.23018	3.23018	0.000151849	3.58025	3.58025	0.00567172	2.0384	2.0384	0.304933	1.23181	1.23181	9.2382	5.63481	0.542175	1
cg05876340	0.00103768	0.339619	-2.94447	0.00102221	0.338739	-2.95213	0.759861	1.07054	1.07054	0.0395952	0.589119	-1.69745	8.64728	6.76941	0.695855	1
cg08063452	0.0130869	0.628403	-1.59134	0.0236072	1.50379	1.50379	0.863668	0.974392	-1.02628	0.0181271	0.648461	-1.54211	8.12081	2.93044	0.320761	1
cg04484520	0.581549	0.921378	-1.08533	0.323397	0.860672	-1.16188	0.698367	0.944324	-1.05896	0.00217598	0.531174	-1.88262	6.70322	2.29744	0.304654	1
cg04399450	0.00165174	0.293325	-3.40919	0.347974	1.30102	1.30102	0.23873	0.714603	-1.39938	0.206686	0.695811	-1.43717	6.64032	7.7992	1.04402	1
cg09397359	0.135038	1.69312	1.69312	0.090906	1.83804	1.83804	0.158146	1.63747	1.63747	0.377397	0.743764	-1.34451	6.3851	10.8027	1.50387	1
cg15142694	0.108439	2.1536	2.1536	0.00741657	4.53125	4.53125	0.0600477	2.5328	2.5328	0.856817	0.923927	-1.08234	5.04163	15.3247	2.70189	1
cg10324902	0.116089	0.81041	-1.23394	0.00499758	0.633007	-1.57976	0.563148	0.930576	-1.0746	0.0289704	1.37288	1.37288	4.66809	1.12016	0.213298	1
cg20031584	0.0464618	1.41371	1.41371	0.0015564	0.501353	-1.9946	0.154951	0.793683	-1.25995	0.584532	0.919596	-1.08743	4.5317	1.65401	0.324433	1
cg11294835	0.690776	1.05665	1.05665	0.0108536	0.643518	-1.55396	0.252198	0.84804	-1.17919	0.902939	0.983329	-1.01695	4.44711	1.33749	0.267339	1
cg18855250	0.0181356	0.477909	-2.09245	0.15913	1.47288	1.47288	0.291661	0.754615	-1.32518	0.190396	0.699898	-1.42878	4.41084	4.62558	0.932164	1
cg21175642	0.017831	1.47275	1.47275	0.00317016	0.581683	-1.71915	0.708676	0.950801	-1.05175	0.580512	1.07792	1.07792	3.98848	1.14135	0.254365	1
cg10573386	0.312795	1.42923	1.42923	0.00235053	0.23411	-4.27149	0.323835	1.41701	1.41701	0.0441506	0.45341	-2.20551	3.91867	7.26182	1.64723	1
cg19523099	0.807166	0.964865	-1.03641	0.0104644	1.60213	1.60213	0.360536	0.871548	-1.14738	0.042484	0.710563	-1.40733	3.86781	1.31044	0.301161	1
cg26468478	0.0398859	18.9445	18.9445	0.00926925	59.662	59.662	0.0223197	29.686	29.686	0.0758811	11.5459	11.5459	3.6458	88.5417	21.5875	1
cg04035377	0.0804148	1.88951	1.88951	0.0148343	2.67377	2.67377	0.0187194	2.54695	2.54695	0.879231	1.05116	1.05116	3.60817	6.15256	1.51571	1
cg02858118	0.0305779	18.6038	18.6038	0.00921922	44.8331	44.8331	0.0323111	17.8821	17.8821	0.0680033	10.5021	10.5021	3.51068	73.6009	18.6354	1
cg08890837	0.859445	1.09538	1.09538	0.0269491	0.260143	-3.84405	0.984703	1.0099	1.0099	0.716827	1.20589	1.20589	4.58396	19.1786	3.71897	1
cg09553358	0.147025	0.844712	-1.18384	0.000921184	0.584595	-1.71058	0.0321294	0.76171	-1.31284	0.00261528	1.5714	1.5714	15.537	2.8937	0.165551	1
cg10141019	0.00265481	0.414099	-2.41488	0.00177381	2.57007	2.57007	0.491066	1.15991	1.15991	0.0606279	1.56616	1.56616	10.7528	7.65995	0.633218	1
cg08244238	0.537353	1.08762	1.08762	0.694479	0.948301	-1.05452	0.138097	1.2395	1.2395	0.120689	1.25398	1.25398	4.48507	1.28448	0.25457	1
cg17739936	0.613953	0.938293	-1.06576	0.555471	0.928047	-1.07753	0.537341	1.08135	1.08135	0.503929	1.08863	1.08863	4.31475	1.07149	0.220739	1
cg09946142	0.450168	1.47638	1.47638	0.855802	1.09648	1.09648	0.798348	1.1384	1.1384	0.668132	1.24405	1.24405	3.72242	15.1137	3.60905	1
cg10315993	0.0398998	0.778488	-1.28454	0.000420199	0.554669	-1.80288	0.11013	0.832291	-1.2015	0.369389	1.10206	1.10206	19.3695	3.40945	0.156464	1
cg22284448	0.000868522	0.22852	-4.37599	0.000354408	0.183685	-5.44412	0.000462356	0.196373	-5.09236	0.016131	0.419103	-2.38605	15.4433	21.345	1.22858	1
cg24127278	0.00120916	0.242451	-4.12454	5.97E-05	0.108669	-9.20226	0.00154988	0.256477	-3.89898	0.00187525	0.267572	-3.73731	13.3193	18.8553	1.25834	1
cg27025088	0.00242572	0.672892	-1.48612	0.189607	0.877763	-1.13926	0.0547915	0.81514	-1.22678	0.0839305	0.835723	-1.19657	9.20308	1.2834	0.123958	1
cg13874838	0.0714352	1.1686	1.1686	0.392432	0.934441	-1.07016	0.00250168	1.38408	1.38408	0.0770697	1.16433	1.16433	8.2808	0.785554	0.0843239	1
cg14934766	0.49677	1.07958	1.07958	5.52E-05	0.43484	-2.2997	0.504968	0.927674	-1.07796	0.345146	0.897715	-1.11394	8.15803	1.5912	0.173376	1
cg04749129	0.970648	0.995425	-1.0046	0.790939	0.967433	-1.03366	0.0745805	1.28086	1.28086	0.00561576	1.57312	1.57312	3.71913	0.914709	0.21862	1
cg22595230	0.0192354	0.20924	-4.7792	0.353134	0.589945	-1.69507	0.819555	0.881432	-1.13452	0.0494513	3.44986	3.44986	5.44107	26.2915	4.29514	1
cg02836830	0.133073	0.832693	-1.20092	0.00376654	0.642905	-1.55544	0.0781306	1.24749	1.24749	0.060207	0.787034	-1.27059	4.72267	0.954766	0.179704	1
cg23948071	?	?	?	0.0202294	0.301007	-3.32219	0.431635	1.41077	1.41077	0.151987	1.93099	1.93099	4.54292	11.7578	2.58817	1
cg04562295	0.235952	1.33668	1.33668	5.66E-06	0.0915582	-10.922	0.045746	1.70767	1.70767	8.31E-05	0.191023	-5.23497	24.3492	21.0535	0.768575	1
cg09010812	0.0422429	0.63703	-1.56978	5.82E-05	0.237969	-4.20222	0.900743	0.976239	-1.02434	0.000717692	0.370711	-2.69752	23.5241	13.8389	0.522921	1
cg13622267	0.0735021	0.816022	-1.22546	0.00860314	0.710761	-1.40694	0.0223793	0.756677	-1.32157	0.268388	1.12464	1.12464	8.34862	1.37269	0.146153	1
cg23734074	0.0583506	0.71514	-1.39833	0.0031913	0.532032	-1.87959	0.850152	0.970791	-1.03009	0.53644	0.906542	-1.10309	6.51157	2.53344	0.345839	1
cg17447147	0.11752	0.473701	-2.11104	0.537247	1.31598	1.31598	0.435252	1.4189	1.4189	0.251854	1.69235	1.69235	5.06439	15.4941	2.71948	1
cg26130622	0.00856823	0.579192	-1.72654	0.386636	1.15549	1.15549	0.817573	0.963072	-1.03834	0.0600968	1.41252	1.41252	4.32445	1.81635	0.373351	1
cg13938963	0.184161	1.08635	1.08635	0.0783381	0.891391	-1.12184	0.601939	0.969534	-1.03142	0.391078	1.05302	1.05302	3.85564	0.211059	0.0486581	1
cg11682216	0.518665	0.810091	-1.23443	0.166516	0.621995	-1.60773	0.656754	0.865915	-1.15485	0.401795	1.31813	1.31813	7.19275	11.8029	1.45862	1
cg24651824	0.00437999	0.57951	-1.7256	0.000100049	0.371836	-2.68936	0.525768	0.911946	-1.09656	0.00992805	0.626924	-1.59509	14.3627	4.6755	0.289361	1
cg21163042	0.623973	1.05341	1.05341	0.00826441	0.700728	-1.42709	0.00171452	0.624174	-1.60212	0.663029	0.954882	-1.04725	9.62822	1.69084	0.1561	1
cg06884314	0.0384247	0.494194	-2.0235	0.000394476	0.190411	-5.2518	0.00141972	0.257486	-3.8837	0.214734	0.681282	-1.46782	8.16431	11.165	1.21558	1
cg27598017	0.00500864	0.491572	-2.03429	0.285235	1.23647	1.23647	0.0647311	0.672508	-1.48697	0.890724	0.974054	-1.02664	5.3483	3.0978	0.514855	1
cg27443373	0.113719	0.326101	-3.06654	0.00634877	0.098923	-10.1089	0.0110613	0.12558	-7.96302	0.0878379	0.293262	-3.40992	4.55073	30.5569	5.96863	1
cg18094824	0.989231	1.00509	1.00509	0.931619	0.968247	-1.03279	0.702739	0.865744	-1.15508	0.717528	1.14637	1.14637	3.84483	8.6084	1.99018	1
cg14413368	0.0806483	1.30924	1.30924	0.854405	1.02588	1.02588	0.987302	1.00222	1.00222	0.00669911	1.63086	1.63086	3.43898	1.05342	0.272283	1
cg07450641	0.504293	1.0647	1.0647	6.45E-05	1.97259	1.97259	0.000264525	0.574408	-1.74092	0.0181472	0.766861	-1.30402	19.3646	2.62562	0.120523	1
cg00060715	0.152036	1.12217	1.12217	8.88E-05	1.69419	1.69419	0.00913444	1.28241	1.28241	0.0111315	1.27003	1.27003	10.9547	0.978914	0.0794314	1
cg26809965	0.657869	0.95095	-1.05158	0.000114553	2.14632	2.14632	0.572715	1.06643	1.06643	0.572814	0.937724	-1.06641	10.2369	2.06447	0.179262	1
cg00987890	0.000866258	0.406413	-2.46055	0.948612	1.01168	1.01168	0.765684	0.947591	-1.05531	0.028466	0.627691	-1.59314	10.0947	5.18678	0.456723	1
cg10379951	?	?	?	0.776832	0.940468	-1.0633	0.965427	0.990682	-1.00941	0.0298161	1.73705	1.73705	9.75717	5.60675	0.656718	1
cg23625236	0.0118801	0.821636	-1.21708	0.0254579	0.846933	-1.18073	0.301393	1.06928	1.06928	0.0294136	1.17407	1.17407	8.93763	0.554042	0.0551021	1
cg22041712	0.769008	1.16236	1.16236	0.107634	2.45238	2.45238	0.0080595	5.66312	5.66312	0.134353	2.28141	2.28141	7.41901	30.6704	3.67469	1
cg22426789	0.0489981	0.596389	-1.67676	0.153306	0.703544	-1.42138	0.70671	0.916745	-1.09082	0.00205692	0.368458	-2.71402	7.23315	6.05788	0.744459	1
cg15009294	0.10399	1.2846	1.2846	0.748709	1.04632	1.04632	0.0350323	0.707483	-1.41346	0.00562602	0.599264	-1.66871	6.86733	2.15893	0.279447	1
cg24711708	0.126485	0.814057	-1.22842	0.0159305	0.69257	-1.4439	0.00933856	1.50727	1.50727	0.0308709	0.729446	-1.3709	6.56095	1.60933	0.218034	1
cg15722631	0.359345	0.760449	-1.31501	0.0570015	1.86971	1.86971	0.452543	0.800623	-1.24903	0.906424	0.966408	-1.03476	5.05826	6.76374	1.18859	1
cg10716356	0.0304051	0.249179	-4.01318	0.0721214	0.334131	-2.99284	0.325375	0.574299	-1.74125	0.055186	0.305084	-3.27778	4.56404	21.5594	4.19889	1
cg00173170	0.103763	0.676691	-1.47778	0.00307386	2.43436	2.43436	0.106504	1.47244	1.47244	0.440978	1.18827	1.18827	3.84597	2.93546	0.678451	1
cg09933323	0.0718672	0.329576	-3.0342	0.00994097	0.165545	-6.04065	0.732823	0.827561	-1.20837	0.0437227	0.277877	-3.59872	3.63326	17.5565	4.29527	1
cg21993406	0.106241	1.30108	1.30108	0.000138192	0.374211	-2.67229	0.194986	0.81504	-1.22693	0.684758	0.940922	-1.06279	20.4139	7.19659	0.313364	1
cg14518948	0.452418	1.1284	1.1284	0.000156258	0.360111	-2.77692	0.00731619	0.579436	-1.72582	0.367725	0.864153	-1.1572	15.1307	5.96731	0.350565	1
cg07613952	0.527569	0.844558	-1.18405	0.690348	1.11148	1.11148	0.0946794	0.615807	-1.62389	0.135956	0.654358	-1.52821	4.93214	5.44213	0.980801	1
cg21293846	0.0524054	0.390294	-2.56217	0.000629422	0.106312	-9.4063	0.0218445	0.309236	-3.23378	0.0260483	0.324168	-3.08482	6.29927	18.1494	2.56106	1
cg12724827	0.0286415	1.81524	1.81524	0.911713	1.02595	1.02595	0.754931	1.07499	1.07499	0.610909	0.888258	-1.1258	5.52346	4.66544	0.750807	1
cg21988739	0.0224514	0.0643222	-15.5467	0.610966	0.597631	-1.67327	0.641928	0.62506	-1.59985	0.785382	0.760411	-1.31508	4.94104	78.7947	14.1751	1
cg21784182	0.0378124	0.417515	-2.39512	0.00460587	0.254764	-3.92521	0.635155	1.18926	1.18926	0.0884724	0.505839	-1.97691	6.79737	14.1568	1.85127	1
cg13237068	0.35342	0.789272	-1.26699	0.00122828	0.30985	-3.22737	0.129808	0.666583	-1.50019	0.000216163	0.216542	-4.61803	17.5543	17.078	0.86477	1
cg14486372	0.0107397	0.659261	-1.51685	0.0290634	1.39704	1.39704	0.226368	0.847812	-1.17951	0.00310598	0.591098	-1.69177	16.908	4.52339	0.237804	1
cg22942528	0.17851	1.37478	1.37478	0.00331159	2.43695	2.43695	0.0413923	1.68847	1.68847	0.197088	1.3548	1.3548	4.64125	3.64489	0.698067	1
cg24770161	0.607907	0.966283	-1.03489	0.130389	0.897383	-1.11435	0.0023063	0.75409	-1.3261	0.0071019	1.25924	1.25924	4.51209	0.313914	0.0618416	1
cg12360330	0.590123	1.06095	1.06095	0.00080795	1.73304	1.73304	0.056323	1.26507	1.26507	0.887303	1.01555	1.01555	4.05867	0.760879	0.16664	1
cg16925970	0.175181	0.79338	-1.26043	0.400439	1.14817	1.14817	0.00525233	0.553817	-1.80565	0.356693	0.858836	-1.16437	4.01862	1.64014	0.362787	1
cg13255538	0.928463	1.05233	1.05233	5.24E-05	0.013654	-73.2386	0.918653	0.943621	-1.05975	0.470601	0.659065	-1.5173	8.1703	41.7543	4.54267	1
cg00984787	0.00704384	0.273861	-3.65149	0.000312225	0.11377	-8.78963	0.467651	0.759743	-1.31623	0.0147801	0.327823	-3.05043	8.18876	17.9282	1.9461	1
cg22719655	0.0844823	0.445123	-2.24657	0.00236899	0.165641	-6.03716	0.927535	1.03934	1.03934	0.0182438	0.296599	-3.37156	6.01786	17.1452	2.5325	1
cg18192574	0.0011706	1.37197	1.37197	4.97E-05	0.603198	-1.65783	0.0051054	0.782214	-1.27842	0.00140049	0.735521	-1.35958	23.1673	1.61669	0.0620295	1
cg11044823	0.784053	1.02544	1.02544	0.0085536	0.72686	-1.37578	0.0545593	1.22554	1.22554	0.700266	0.965228	-1.03602	7.5409	0.977248	0.100795	1
cg18503711	0.881618	0.967329	-1.03377	0.496297	0.857291	-1.16647	0.0660552	1.58351	1.58351	0.750915	0.931472	-1.07357	3.95698	3.11401	0.699525	1
cg13034654	0.000715035	7.78483	7.78483	0.0400278	2.32584	2.32584	0.00558561	3.90627	3.90627	0.0694109	2.0408	2.0408	16.9461	19.3415	1.14136	1
cg21396487	0.270287	1.9886	1.9886	0.624945	0.744488	-1.34321	0.24862	0.485662	-2.05904	0.416474	1.64435	1.64435	4.67518	26.5566	5.04919	1
cg24405650	0.238667	1.35814	1.35814	0.0161623	2.07486	2.07486	0.925768	0.977149	-1.02338	0.978665	0.993389	-1.00666	4.28179	4.17244	0.866187	1
cg23886974	0.21158	0.654496	-1.52789	0.501371	0.80268	-1.24583	0.118653	0.579494	-1.72564	0.0236997	0.419039	-2.38641	3.82427	6.28366	1.46053	1
cg04217776	0.000138796	0.162618	-6.14936	0.406081	0.790984	-1.26425	0.800509	1.07235	1.07235	0.612877	0.868703	-1.15114	7.91427	9.53908	1.07138	1
cg26269644	0.0330818	0.651874	-1.53404	0.451592	0.8766	-1.14077	0.0581484	0.692316	-1.44443	0.0355308	0.656871	-1.52237	3.42841	1.60123	0.415153	1
cg09465855	0.000122985	0.245261	-4.07729	0.00030446	0.292009	-3.42455	0.268844	0.785387	-1.27326	0.753477	0.936046	-1.06832	22.2624	15.5157	0.619509	1
cg02552097	0.699367	0.894934	-1.1174	0.00221439	0.29328	-3.40971	0.380431	1.29352	1.29352	0.00199958	0.287096	-3.48315	9.68468	12.5515	1.15202	1
cg19334818	0.892132	0.985917	-1.01428	0.256746	0.883614	-1.13172	0.713581	0.962197	-1.03929	0.888652	0.985463	-1.01475	8.95458	1.54963	0.153826	1
cg09869042	0.00383935	0.548704	-1.82248	0.0115186	0.614614	-1.62704	0.754771	0.952883	-1.04945	0.0220101	0.655009	-1.5267	5.83506	2.19251	0.333998	1
cg17298884	0.547074	0.93357	-1.07116	0.00107437	0.579894	-1.72445	0.80244	1.02868	1.02868	0.158163	0.843497	-1.18554	4.13138	0.832639	0.179147	1
cg20299105	0.659399	0.919219	-1.08788	0.16461	0.7546	-1.3252	0.794715	1.05076	1.05076	0.0653188	0.675091	-1.48128	3.69598	2.11103	0.507706	1
cg24414363	0.808618	1.06736	1.06736	0.870603	1.04477	1.04477	0.0224499	2.0846	2.0846	0.119708	0.635384	-1.57385	5.10104	5.8301	1.01593	1
cg21151899	0.0841796	0.643024	-1.55515	0.0135061	0.493303	-2.02715	0.394374	1.22338	1.22338	0.246445	0.75569	-1.32329	3.93225	3.32655	0.75197	1
cg26789859	0.00295569	0.184036	-5.43373	0.00257089	0.176587	-5.66293	0.464249	0.734191	-1.36204	0.0149066	0.288802	-3.46258	7.90375	21.5385	2.42231	1
cg09011947	0.0337339	0.39644	-2.52245	0.0569922	0.447696	-2.23366	0.172447	1.71918	1.71918	0.180743	0.588436	-1.69942	4.47036	9.85736	1.96004	1
cg07896678	0.00668227	0.319959	-3.1254	0.292269	0.701959	-1.42459	0.0947504	0.551713	-1.81254	0.0138732	0.373574	-2.67684	4.26901	7.0918	1.47665	1
cg17858663	0.00650569	0.661386	-1.51198	0.233655	0.864187	-1.15716	0.319991	1.12764	1.12764	0.0543819	1.29069	1.29069	4.99762	1.08162	0.19238	1
cg08167214	0.534081	0.964363	-1.03695	0.3604	0.94726	-1.05568	0.00609899	1.22911	1.22911	0.146356	1.094	1.094	4.65939	0.245031	0.0467454	1
cg15806457	0.180466	1.43541	1.43541	0.0333829	0.531604	-1.8811	0.539829	0.854066	-1.17087	0.30372	0.762822	-1.31092	3.40854	3.48694	0.909334	1
cg05473287	0.570196	0.936943	-1.0673	0.0121161	0.701168	-1.42619	0.00790966	0.679319	-1.47206	0.61567	0.944165	-1.05914	11.1405	2.27346	0.181398	1
cg06763588	0.00173239	0.68414	-1.46169	0.836551	1.0177	1.0177	0.169686	1.13232	1.13232	0.192297	1.12439	1.12439	8.18224	0.935229	0.1016	1
cg24679246	0.220509	1.18451	1.18451	0.00794904	1.56416	1.56416	0.928048	0.988198	-1.01194	0.631947	0.938532	-1.06549	5.81709	1.59204	0.243274	1
cg25690922	0.683909	0.949242	-1.05347	0.247241	1.16645	1.16645	0.0515867	1.32573	1.32573	0.0677989	0.770786	-1.29738	5.62642	1.44313	0.227993	1
cg21494337	0.0261474	1.69803	1.69803	0.0567637	0.648782	-1.54135	0.170301	1.34048	1.34048	0.819536	1.04692	1.04692	10.7756	6.87104	0.566796	1
cg04818882	0.71505	0.872956	-1.14553	0.0880989	0.497866	-2.00857	0.835183	1.08026	1.08026	0.897238	0.953247	-1.04905	6.89427	14.9934	1.93313	1
cg26478992	0.011667	0.665281	-1.50312	5.23E-05	0.376214	-2.65806	0.000283352	0.464448	-2.15309	4.37E-06	0.254297	-3.93242	30.6847	8.12496	0.235367	1
cg14639562	0.0258327	0.507314	-1.97117	0.714845	1.09867	1.09867	0.383281	1.25768	1.25768	0.675858	0.897776	-1.11386	4.28992	4.468	0.925788	1
cg14318680	0.227698	1.61271	1.61271	0.0673378	0.461296	-2.1678	0.201248	1.66428	1.66428	0.106415	0.514066	-1.94527	3.4153	7.70491	2.00533	1
cg14293834	0.195658	0.794218	-1.2591	0.00942081	1.74036	1.74036	0.0373689	0.665818	-1.50191	0.000624103	0.41235	-2.42512	12.771	5.73293	0.399024	1
cg24105685	0.448747	1.19336	1.19336	0.00195655	2.7254	2.7254	0.0167864	1.95089	1.95089	0.148291	1.4263	1.4263	7.72498	6.41532	0.738191	1
cg13407278	0.0661225	0.492381	-2.03095	0.639007	1.17632	1.17632	0.268013	1.4867	1.4867	0.264187	0.670312	-1.49184	5.48954	10.2708	1.66309	1
cg13720022	0.0182574	0.243803	-4.10168	0.179091	0.495052	-2.01999	0.385267	0.645002	-1.55038	0.0418792	0.314976	-3.17485	3.88027	14.9136	3.41641	1
cg14024321	0.0531893	0.322644	-3.0994	0.0371243	0.287587	-3.47721	0.410345	0.648198	-1.54274	0.0953611	0.389239	-2.56912	3.40915	14.3184	3.73333	1
cg25927642	0.0149878	1.60474	1.60474	0.000820777	0.450547	-2.21952	0.229873	1.22046	1.22046	0.476737	1.12122	1.12122	7.94931	3.14863	0.352078	1
cg14597923	0.818768	0.975764	-1.02484	1.07E-05	0.366306	-2.72996	0.523557	1.07155	1.07155	0.427891	1.09038	1.09038	13.7611	2.49053	0.160874	1
cg21191592	0.348474	0.824678	-1.21259	2.12E-05	0.180839	-5.52978	0.0290555	1.67162	1.67162	0.000763742	0.361215	-2.76844	21.7094	13.7123	0.56145	1
cg27555063	0.899107	1.03442	1.03442	0.304401	0.752943	-1.32812	0.0934242	0.61123	-1.63604	0.100604	0.618887	-1.6158	3.59273	4.05003	1.00203	1
cg14479014	0.862114	1.05049	1.05049	0.578925	1.17214	1.17214	0.420026	0.791815	-1.26292	0.94153	0.979431	-1.021	3.44217	4.37638	1.13014	1
cg08367673	0.000269013	0.315215	-3.17243	0.21409	0.77673	-1.28745	0.00492843	2.0532	2.0532	0.0500006	0.649396	-1.53989	9.96729	5.88957	0.525235	1
cg10568944	0.455268	1.08284	1.08284	0.735149	1.03617	1.03617	0.0161221	1.36083	1.36083	0.0160209	1.3614	1.3614	8.20386	1.42282	0.154163	1
cg14381986	0.00138661	0.562107	-1.77902	0.00633856	0.642945	-1.55534	0.109138	0.804831	-1.2425	0.190251	0.841642	-1.18815	6.34182	1.55138	0.217446	1
cg26928766	0.875888	1.06057	1.06057	0.0046748	0.242916	-4.11664	0.00663949	0.265647	-3.76439	0.00288018	0.213883	-4.67546	9.09933	20.4041	1.99322	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02057239	CENPT	0.00930454	0.374672	1.34885	1.34885	0.0198358	0.397051	-2.51857	0.00288187	3.84207	3.84207	0.0187409	2.54846	2.54846	0.242041	1.49501	1.49501
cg04030584	CENPT	0.00948961	0.116728	0.610192	-1.63883	0.121976	0.61517	-1.62557	0.00426948	0.330193	-3.02853	0.518203	0.827077	-1.20908	0.175994	0.659014	-1.51742
cg06646556	CENPT	0.00965316	0.195819	0.693879	-1.44117	0.0103788	0.422169	-2.36872	0.0669037	0.577673	-1.73108	0.152378	1.50615	1.50615	0.000464461	0.229694	-4.35363
cg08133816	CENPT	0.021608	0.0293597	1.35832	1.35832	0.0176117	0.708477	-1.41148	0.980772	0.997128	-1.00288	0.00819615	1.49735	1.49735	0.444381	0.911149	-1.09751
cg08224646	CENPT;THAP11	0.0311513	0.2782	1.65668	1.65668	0.315728	0.628508	-1.59107	0.0595134	0.385897	-2.59137	0.467038	0.717967	-1.39282	?	?	?
cg12845249	CENPT;THAP11;THAP11	0.0366907	0.630136	0.958169	-1.04366	0.730917	1.03087	1.03087	0.657142	1.04013	1.04013	0.801502	1.02243	1.02243	0.0586633	1.20695	1.20695
cg09628887	CENPV	0.000152997	0.00833721	1.40159	1.40159	0.00541278	0.693122	-1.44275	2.06E-05	2.36557	2.36557	0.0122425	1.36683	1.36683	0.159662	0.86031	-1.16237
cg27295781	CENPV	0.0379395	0.701469	0.91251	-1.09588	0.0489456	0.586003	-1.70648	0.237306	0.745063	-1.34217	0.724907	0.919444	-1.08761	0.53809	0.862269	-1.15973
cg21492378	CEP110	0.00168921	0.0117909	0.541777	-1.84578	0.0469545	0.642001	-1.55763	0.00130365	0.401556	-2.49031	0.00375904	0.466622	-2.14306	0.00013868	0.277136	-3.60833
cg14506722	CEP110	0.00266172	0.872954	0.973471	-1.02725	0.00949203	0.575714	-1.73697	0.00145832	0.46191	-2.16492	0.046427	0.681635	-1.46706	0.000104859	0.316114	-3.16342
cg13817287	CEP110	0.00406642	0.0305636	0.409889	-2.43969	0.000379531	0.136346	-7.33427	0.0503263	0.457024	-2.18807	0.00886235	0.310621	-3.21936	0.799513	1.09343	1.09343
cg14596702	CEP110	0.026976	0.662592	0.907797	-1.10157	0.0108163	2.0244	2.0244	0.0362994	0.584922	-1.70963	0.410111	0.830611	-1.20393	0.0655311	0.634191	-1.57681
cg23448101	CEP120;CEP120	3.13E-06	0.825347	0.982183	-1.01814	0.0103032	1.30077	1.30077	0.396538	0.931814	-1.07318	0.679249	1.0344	1.0344	0.143775	0.88006	-1.13629
cg16568904	CEP120;CEP120	3.49E-05	0.00281724	0.693084	-1.44283	0.00017744	0.567728	-1.76141	0.00185468	0.674614	-1.48233	0.00403131	1.41081	1.41081	2.73E-06	0.366408	-2.7292
cg02014281	CEP120;CEP120	9.21E-05	0.0440061	0.911571	-1.09701	0.000518033	0.805225	-1.24189	0.030408	1.10715	1.10715	0.000151926	0.771066	-1.29691	0.0193894	0.893068	-1.11974
cg13377885	CEP120;CEP120	0.000902824	0.00101786	0.171519	-5.83026	0.0014386	0.188785	-5.29702	0.0925878	0.51185	-1.9537	0.32502	1.44448	1.44448	0.000117914	0.0872527	-11.461
cg08346273	CEP120;CEP120	0.00109438	0.583047	0.795167	-1.2576	0.00363856	0.196613	-5.08612	0.0843695	0.454145	-2.20194	0.180442	0.555423	-1.80043	0.329601	1.51584	1.51584
cg13605172	CEP120;CEP120	0.00341996	0.679092	1.06863	1.06863	0.92189	1.01577	1.01577	0.00844132	1.71027	1.71027	0.31498	0.847226	-1.18032	0.00114847	0.466488	-2.14368
cg27033705	CEP120;CEP120	0.00750678	0.673279	1.06204	1.06204	0.149426	1.24533	1.24533	0.0787547	1.31931	1.31931	0.000575944	0.469444	-2.13018	0.992957	1.00125	1.00125
cg24934804	CEP120;CEP120	0.00771619	0.380598	0.904506	-1.10558	0.24105	0.872003	-1.14679	0.039247	0.766278	-1.30501	0.275319	0.881039	-1.13502	0.789106	1.03037	1.03037
cg22036008	CEP120;CEP120	0.0112681	0.043185	0.741995	-1.34772	0.0186836	1.4415	1.4415	0.00103961	1.86448	1.86448	0.604454	0.935156	-1.06934	0.152281	0.821415	-1.21741
cg02506227	CEP120;CEP120;CEP120;CEP120	0.00291121	0.670473	0.940115	-1.0637	0.761443	1.04491	1.04491	0.00585684	1.68277	1.68277	0.185103	0.816468	-1.22479	0.00126158	0.507067	-1.97213
cg24504843	CEP135	0.000671211	0.875316	0.977324	-1.0232	0.000885979	0.48306	-2.07014	0.00266892	0.545152	-1.83435	0.182572	1.22952	1.22952	0.99671	1.0006	1.0006
cg25636933	CEP135	0.00876181	0.00393969	0.15715	-6.36336	0.0623649	0.367565	-2.72061	0.00333552	0.148663	-6.72662	0.167914	0.496	-2.01613	0.0517973	0.34788	-2.87455
cg06583605	CEP135	0.0120847	0.774074	1.09474	1.09474	0.058599	0.510729	-1.95799	0.0247217	0.43131	-2.31852	0.838432	0.93781	-1.06631	0.326984	0.727424	-1.37471
cg11617585	CEP135	0.0206045	0.886048	0.985147	-1.01508	0.0128613	1.38038	1.38038	0.0335943	1.29569	1.29569	0.196817	1.15304	1.15304	0.0161599	1.35946	1.35946
cg11823502	CEP135	0.0230168	0.595102	0.744416	-1.34334	0.136517	0.413675	-2.41735	0.146209	0.423876	-2.35918	0.110379	0.383898	-2.60486	0.262688	0.525928	-1.9014
cg19592431	CEP152	0.000103745	0.87917	0.965143	-1.03612	0.174839	0.714224	-1.40012	0.000259385	0.246223	-4.06136	0.717782	0.918835	-1.08833	0.13164	0.684161	-1.46165
cg27630352	CEP152	0.000288924	0.024357	0.49925	-2.00301	0.000676209	0.260438	-3.83969	0.00243936	0.335558	-2.98011	0.740697	1.08978	1.08978	0.00153943	0.307406	-3.25303
cg02428178	CEP152	0.00103883	0.000267263	0.287741	-3.47535	0.0708129	1.52243	1.52243	0.169118	0.737107	-1.35666	0.0109017	1.94532	1.94532	0.0250163	0.573964	-1.74227
cg20915029	CEP152	0.0016364	0.265392	0.831603	-1.2025	0.000525677	0.423835	-2.35941	0.636119	0.927075	-1.07866	0.06627	0.72088	-1.38719	7.00E-05	0.315583	-3.16874
cg17834717	CEP152	0.0320378	0.320175	1.2078	1.2078	0.0262713	1.62329	1.62329	0.885867	1.02675	1.02675	0.167776	0.763211	-1.31025	0.769683	1.05544	1.05544
cg18760324	CEP152;CEP152	0.0180544	0.138605	0.755485	-1.32365	0.0227126	1.61547	1.61547	0.330233	1.19327	1.19327	0.985663	0.996845	-1.00317	0.274751	0.818851	-1.22122
cg11639001	CEP164	0.000314426	9.43E-06	0.19827	-5.04364	0.00198225	0.477255	-2.09532	0.746565	1.05644	1.05644	0.00163258	0.465792	-2.14688	0.00241272	0.488953	-2.04519
cg20231021	CEP164	0.00945223	0.604503	1.10768	1.10768	0.00555374	0.49015	-2.04019	0.364971	0.833443	-1.19984	0.503941	1.14195	1.14195	0.795679	0.95048	-1.0521
cg12191285	CEP164	0.0356818	0.812002	0.92135	-1.08536	0.0236955	0.395176	-2.53052	0.00746954	0.306009	-3.26788	0.0653227	2.03662	2.03662	0.146389	0.585092	-1.70913
cg21655201	CEP164	0.0380008	0.413999	0.870781	-1.14839	0.724112	1.06048	1.06048	0.0138395	0.604107	-1.65534	0.380999	1.16054	1.16054	0.00388676	0.525066	-1.90452
cg14727452	CEP164	0.0443099	0.0856293	0.485524	-2.05963	0.586566	0.811539	-1.23223	0.243239	0.628532	-1.59101	0.404567	0.723013	-1.3831	0.00135294	0.170366	-5.86973
cg02065003	CEP164	0.0467944	0.748	1.07232	1.07232	0.932275	1.01858	1.01858	0.917493	0.977803	-1.0227	0.863313	0.963361	-1.03803	0.0450925	0.607703	-1.64554
cg13116071	CEP170;CEP170;CEP170	0.000998684	0.0112733	0.47853	-2.08973	0.517553	1.16456	1.16456	0.0652187	0.61839	-1.6171	0.634345	1.11768	1.11768	2.64E-05	0.145102	-6.89172
cg17510645	CEP170;CEP170;CEP170	0.00510091	0.00338386	0.231143	-4.32633	0.0399281	2.39378	2.39378	0.308388	0.678741	-1.47332	0.076172	2.06525	2.06525	0.00183506	0.196576	-5.08708
cg26337566	CEP170;CEP170;CEP170	0.0147475	0.910591	0.982902	-1.0174	0.102602	1.31551	1.31551	0.92306	1.01494	1.01494	0.292304	0.84557	-1.18263	0.0013438	0.489053	-2.04477
cg16167050	CEP170;CEP170;CEP170	0.0275941	0.692557	0.8718	-1.14705	0.607069	0.836037	-1.19612	0.0501111	0.462485	-2.16223	0.705867	1.13985	1.13985	0.0349327	0.428037	-2.33625
cg18184219	CEP170;CEP170;CEP170	0.0445991	0.406694	0.658505	-1.51859	0.00250707	7.89605	7.89605	0.229913	1.85896	1.85896	0.239986	1.8323	1.8323	0.137269	0.454844	-2.19855
cg08122338	CEP170;CEP170;CEP170;SDCCAG8	0.00610823	0.00755673	0.730473	-1.36898	0.228857	0.891004	-1.12233	0.0629331	0.825972	-1.21069	0.0713244	1.2021	1.2021	0.302251	0.906951	-1.10259
cg10483909	CEP170;CEP170;CEP170;SDCCAG8;CEP170;CEP170;CEP170	0.0232513	0.386599	0.940744	-1.06299	0.875144	0.989236	-1.01088	0.351957	1.06815	1.06815	0.0241652	0.831089	-1.20324	0.918776	0.993004	-1.00705
cg21397993	CEP170;SDCCAG8;CEP170;CEP170	0.00549441	0.0148545	0.866608	-1.15392	0.00559471	0.840439	-1.18985	0.00830061	0.851097	-1.17495	0.0150991	0.867041	-1.15335	0.00339478	0.826718	-1.2096
cg24338483	CEP170;SDCCAG8;CEP170;CEP170;SDCCAG8	0.00237998	0.418395	0.904932	-1.10506	0.0861246	1.25746	1.25746	0.000135355	2.22178	2.22178	0.0124714	0.686895	-1.45583	0.0267574	1.37306	1.37306
cg13627726	CEP170L	0.049998	0.323494	0.486508	-2.05547	0.177788	0.363548	-2.75067	0.0633288	0.228672	-4.37308	0.142731	0.328533	-3.04383	0.00688742	0.0844301	-11.8441
cg07651364	CEP192	0.00255849	0.13879	1.35797	1.35797	0.257859	0.797135	-1.25449	0.00448739	0.48309	-2.07001	0.000678229	2.71147	2.71147	0.254068	0.795563	-1.25697
cg02838932	CEP192	0.0028364	0.600071	1.03594	1.03594	0.0813947	1.13762	1.13762	0.00739388	1.25904	1.25904	0.0124298	0.812493	-1.23078	0.000187107	1.52323	1.52323
cg03016638	CEP192	0.00722405	0.934607	0.984896	-1.01534	0.12134	1.36548	1.36548	0.767199	1.0566	1.0566	0.12296	1.36333	1.36333	0.252114	1.24841	1.24841
cg21663539	CEP192	0.0209659	0.622736	0.925995	-1.07992	0.00738485	0.585542	-1.70782	0.494035	1.11369	1.11369	0.105831	0.760409	-1.31508	0.0340206	1.46763	1.46763
ch.18.310800R	CEP192	0.0224186	0.00199854	0.0767518	-13.029	0.351071	0.568512	-1.75898	0.13222	0.384437	-2.60121	0.00629432	0.123193	-8.11735	0.0181453	0.184861	-5.40946
cg12256941	CEP192	0.0260364	0.0960882	0.781885	-1.27896	0.77586	0.962296	-1.03918	0.0367607	0.721338	-1.38631	0.40013	0.89051	-1.12295	0.0297622	0.708669	-1.4111
cg22930587	CEP250	0.00177204	0.000358499	0.507852	-1.96908	0.796334	1.03108	1.03108	0.000807238	1.81869	1.81869	0.593381	1.06585	1.06585	0.198377	0.851428	-1.1745
cg01612936	CEP250	0.00813044	0.766582	0.909028	-1.10008	0.000615872	5.41626	5.41626	0.0080993	2.96352	2.96352	0.455564	1.27571	1.27571	0.318762	0.718819	-1.39117
cg12108956	CEP250	0.0129052	0.0111496	0.286984	-3.48452	0.0413988	2.51689	2.51689	0.0227222	2.91543	2.91543	0.101954	0.495378	-2.01866	0.442649	1.35956	1.35956
cg24531267	CEP250	0.017091	0.0641608	1.31918	1.31918	0.839287	1.02741	1.02741	0.0917751	0.780972	-1.28045	0.304025	1.1523	1.1523	0.140555	0.809681	-1.23505
cg04070427	CEP250	0.0320674	0.796427	1.0416	1.0416	0.679875	1.0676	1.0676	0.0394981	0.686985	-1.45564	0.298575	1.18514	1.18514	0.259682	0.8308	-1.20366
cg26295618	CEP350	0.00125471	0.00968194	0.52215	-1.91516	0.248609	0.787089	-1.2705	0.0234159	0.584161	-1.71186	0.371603	1.19975	1.19975	3.51E-05	0.204587	-4.88791
cg09126043	CEP350	0.00145913	0.00185501	0.610859	-1.63704	0.978994	1.00294	1.00294	0.0569443	1.2717	1.2717	0.0640585	0.792794	-1.26136	0.00357718	0.643867	-1.55312
cg02100604	CEP350	0.00445339	0.257976	0.540518	-1.85008	0.363022	0.614308	-1.62785	0.0102351	0.185047	-5.40403	0.0237868	0.245056	-4.0807	0.000841593	0.0729953	-13.6995
cg18766475	CEP350	0.00717571	0.00738298	0.387538	-2.58039	0.21629	1.42947	1.42947	0.544791	1.1833	1.1833	0.0115799	2.3794	2.3794	0.00170056	0.292066	-3.42389
cg23808061	CEP350	0.0085499	0.593865	0.932246	-1.07268	0.150697	1.22234	1.22234	0.00199473	1.76629	1.76629	0.00546374	0.621057	-1.61016	0.140237	1.22978	1.22978
cg11812143	CEP350	0.0362142	0.0491252	1.36447	1.36447	0.615502	0.932333	-1.07258	0.288163	0.858495	-1.16483	0.0604006	1.34045	1.34045	0.0199287	1.47513	1.47513
cg25827255	CEP55;CEP55	0.00148515	7.85E-05	0.249086	-4.01467	0.00684346	0.505774	-1.97717	0.109957	0.71243	-1.40365	0.143912	0.736713	-1.35738	0.0114555	0.540257	-1.85097
cg25314624	CEP55;CEP55	0.0022185	0.000518204	0.128663	-7.77225	0.0310156	0.383334	-2.60869	0.00474292	0.241627	-4.13861	0.633465	0.833663	-1.19952	0.00123644	0.167242	-5.97935
cg14001558	CEP55;CEP55	0.0121343	0.564731	0.815648	-1.22602	0.288151	1.47111	1.47111	0.416224	1.33758	1.33758	0.159568	1.69237	1.69237	0.112185	0.545838	-1.83205
cg24371383	CEP55;CEP55	0.0189382	0.423038	0.814799	-1.2273	0.213483	0.720452	-1.38802	0.000451736	3.99076	3.99076	0.669412	1.11349	1.11349	0.201846	1.40118	1.40118
cg04026927	CEP55;CEP55	0.0247057	0.618085	1.20801	1.20801	0.00245169	0.205067	-4.87646	0.401017	0.723845	-1.38151	0.734165	0.879722	-1.13672	0.190898	0.594116	-1.68317
cg09145139	CEP55;CEP55;CEP55;CEP55	0.0214443	0.331125	1.10617	1.10617	0.116689	0.842387	-1.1871	0.355449	1.10037	1.10037	0.196267	1.1474	1.1474	0.0585254	1.23994	1.23994
cg00359423	CEP57	0.00128306	0.00760197	0.179861	-5.55986	0.000615124	0.0716669	-13.9535	0.0927375	0.396724	-2.52064	0.696504	0.822094	-1.21641	0.0142597	0.220767	-4.52966
cg06506128	CEP57	0.0135399	0.961694	1.0079	1.0079	0.00736069	0.567945	-1.76073	0.0024943	0.502475	-1.99015	0.210815	1.24104	1.24104	0.0265813	0.650183	-1.53803
cg21769600	CEP57;FAM76B	0.00331857	0.455525	0.845108	-1.18328	0.309419	0.792226	-1.26227	0.0184517	1.88306	1.88306	0.417564	0.83241	-1.20133	0.0146155	0.513877	-1.94599
cg25478527	CEP57;FAM76B	0.0193199	0.479613	0.73881	-1.35353	0.226627	0.574154	-1.74169	0.482202	1.35095	1.35095	0.69323	1.17927	1.17927	0.00462987	0.108345	-9.22976
cg00671093	CEP57;FAM76B	0.0354078	0.992663	0.999511	-1.00049	0.731012	0.981798	-1.01854	0.507414	1.03645	1.03645	0.634628	1.02581	1.02581	0.765619	0.984212	-1.01604
cg02510779	CEP63;ANAPC13;CEP63;ANAPC13;CEP63;CEP63;ANAPC13;CEP63	0.0200501	0.650394	1.05648	1.05648	0.0118005	1.46038	1.46038	0.2333	1.16242	1.16242	0.474941	0.916218	-1.09144	0.517506	0.92402	-1.08223
cg16240572	CEP63;CEP63;ANAPC13;CEP63;ANAPC13;CEP63;ANAPC13;CEP63;ANAPC13;CEP63	0.0108751	0.56914	1.11253	1.11253	0.0701604	0.687171	-1.45524	0.28637	0.814503	-1.22774	0.00589645	0.512909	-1.94966	0.00328407	0.475968	-2.10098
cg08130643	CEP63;CEP63;ANAPC13;CEP63;ANAPC13;CEP63;ANAPC13;CEP63;ANAPC13;CEP63	0.0132003	0.572156	0.90915	-1.09993	0.751012	0.948269	-1.05455	0.951506	1.0102	1.0102	0.0797984	0.722972	-1.38318	0.00423551	0.527911	-1.89426
cg17665164	CEP63;CEP63;ANAPC13;CEP63;CEP63;ANAPC13;CEP63;ANAPC13	0.00539711	0.534082	0.875901	-1.14168	0.529697	0.874622	-1.14335	0.1302	1.41047	1.41047	0.00194637	0.397689	-2.51453	0.218577	0.761638	-1.31296
cg07207858	CEP63;CEP63;ANAPC13;CEP63;CEP63;ANAPC13;CEP63;ANAPC13	0.0369765	0.045236	0.821896	-1.2167	0.240765	1.11055	1.11055	0.038993	1.22632	1.22632	0.013625	1.29767	1.29767	0.125503	0.867995	-1.15208
cg20751057	CEP63;CEP63;CEP63;CEP63	0.0106181	0.14399	0.615552	-1.62456	0.0415892	0.483713	-2.06734	0.0285138	0.449807	-2.22317	0.0323925	0.461014	-2.16913	0.0137579	0.390056	-2.56374
cg09923593	CEP68	0.00133252	0.232288	0.789999	-1.26582	0.427296	0.858543	-1.16476	0.06062	1.48895	1.48895	0.0201568	1.69444	1.69444	0.000534158	0.362683	-2.75723
cg23816572	CEP68	0.00349184	0.0363582	1.48894	1.48894	0.332978	1.1775	1.1775	0.459683	1.13107	1.13107	0.648093	0.927574	-1.07808	0.554317	1.10281	1.10281
cg05010058	CEP68	0.0039131	0.0642822	0.706579	-1.41527	0.00263919	2.00415	2.00415	0.000214218	2.8086	2.8086	0.1247	1.32008	1.32008	0.151618	1.29261	1.29261
cg03381035	CEP68	0.00550565	0.00371718	0.667682	-1.49772	0.968022	0.995877	-1.00414	0.0258692	0.761351	-1.31345	0.459932	0.925385	-1.08063	0.00057498	0.577381	-1.73196
cg00018198	CEP68	0.01281	0.985653	1.00461	1.00461	0.0829064	1.63416	1.63416	0.00795726	2.38748	2.38748	0.109398	1.56277	1.56277	0.0729802	0.599588	-1.66781
cg10146163	CEP68	0.0283024	0.0343508	0.336163	-2.97475	0.0452427	0.362568	-2.7581	0.5784	0.780412	-1.28137	0.75839	0.872612	-1.14599	0.0426593	0.356768	-2.80294
cg11557307	CEP68;CEP68	0.00652112	0.136779	0.865846	-1.15494	0.950096	0.994391	-1.00564	0.472301	1.06791	1.06791	0.00768173	0.735013	-1.36052	0.104013	0.852365	-1.17321
cg00492055	CEP70	0.00520915	0.72267	0.89662	-1.1153	0.875194	1.04931	1.04931	0.000435895	0.18222	-5.48788	0.358373	0.748841	-1.3354	0.397421	0.766938	-1.30389
cg18177304	CEP70	0.00803025	0.032692	0.567173	-1.76313	0.918727	1.02343	1.02343	0.14615	1.42476	1.42476	0.0669086	0.62746	-1.59373	0.154147	0.707402	-1.41362
cg00223863	CEP70	0.00811682	0.0455917	0.601128	-1.66354	0.00320745	0.409384	-2.4427	0.00113691	0.345505	-2.89432	0.342395	0.804784	-1.24257	0.139928	0.702853	-1.42277
cg02604799	CEP70	0.00886396	0.0118091	0.301646	-3.31514	0.438694	0.74001	-1.35133	0.0319437	0.383592	-2.60694	0.0651207	0.454117	-2.20208	0.00204236	0.190702	-5.24377
cg15872672	CEP70	0.0138401	0.205179	0.892816	-1.12005	0.0184261	1.27444	1.27444	0.112219	1.15798	1.15798	0.0628557	0.837351	-1.19424	0.475031	1.06355	1.06355
cg19116545	CEP70	0.0394812	0.125998	1.46528	1.46528	0.499544	0.853706	-1.17136	0.206229	1.36026	1.36026	0.0182294	0.516136	-1.93747	0.0134838	2.02548	2.02548
cg15095727	CEP70	0.0412081	0.0153124	0.277522	-3.60332	0.015064	0.276276	-3.61957	0.0943622	0.453028	-2.20737	0.154359	0.518676	-1.92798	0.0411965	0.362707	-2.75705
cg14787946	CEP70;CEP70	0.00302172	0.0196201	0.663006	-1.50828	0.00631878	1.67924	1.67924	0.0133773	1.56293	1.56293	0.309233	0.857797	-1.16578	0.130875	0.788384	-1.26842
cg14216142	CEP70;CEP70	0.011439	0.0230504	1.85166	1.85166	0.0387409	1.7204	1.7204	0.012004	2.03458	2.03458	0.898901	0.971599	-1.02923	0.680552	0.910428	-1.09838
cg23417379	CEP72	0.000153571	2.66E-05	0.159141	-6.28372	0.213499	1.3364	1.3364	0.0239939	0.550973	-1.81497	0.337568	0.803438	-1.24465	3.20E-05	0.166609	-6.00206
cg25619703	CEP72	0.000212687	0.158889	0.865648	-1.1552	0.222852	1.13058	1.13058	0.587384	1.0539	1.0539	0.0882113	0.835057	-1.19752	0.0908203	0.836523	-1.19542
cg17949568	CEP72	0.000263798	0.595604	0.913683	-1.09447	7.63E-05	0.298671	-3.34817	0.0081513	0.565123	-1.76953	0.160133	0.776537	-1.28777	5.35E-05	0.280758	-3.56179
cg04221910	CEP72	0.00041989	0.024075	0.399841	-2.501	0.00587016	0.292733	-3.41608	0.0253712	0.404349	-2.47311	0.000575663	0.162787	-6.143	0.000170916	0.113421	-8.81674
cg16640753	CEP72	0.000711289	0.0208001	0.407334	-2.45499	0.507792	1.24218	1.24218	0.0291289	0.436096	-2.29307	0.594815	0.840914	-1.18918	3.98E-05	0.0792421	-12.6196
cg07378058	CEP72	0.000715231	0.161395	0.881453	-1.13449	0.0534767	0.83106	-1.20328	0.00472501	0.728569	-1.37255	0.00912292	1.32242	1.32242	0.0186966	1.27183	1.27183
cg07718713	CEP72	0.00118909	0.00158214	0.351813	-2.84242	9.63E-05	0.202318	-4.94272	0.00712766	0.449132	-2.22652	0.655797	0.901838	-1.10885	0.0530003	0.602649	-1.65934
cg08915936	CEP72	0.00212192	0.193496	0.822697	-1.21551	0.760309	0.957526	-1.04436	0.00364223	0.57239	-1.74706	0.696108	0.945845	-1.05726	0.769357	1.04259	1.04259
cg18872441	CEP72	0.00366395	0.926189	0.9846	-1.01564	0.00199341	0.481408	-2.07724	0.700945	0.937413	-1.06677	0.00118051	0.450735	-2.2186	0.853779	0.969573	-1.03138
cg07414060	CEP72	0.00639421	0.0474376	0.742254	-1.34725	0.000514201	0.490387	-2.03921	0.0111126	0.658082	-1.51957	0.169527	0.825024	-1.21209	0.00942943	0.648881	-1.54111
cg20773479	CEP72	0.00799374	0.973979	0.992097	-1.00797	0.000119654	0.194693	-5.13628	0.177747	0.705797	-1.41684	0.0803945	0.623867	-1.60291	0.970644	1.00899	1.00899
cg07777115	CEP72	0.0104335	0.637128	0.901211	-1.10962	0.000742202	0.325879	-3.06863	0.00691549	0.465224	-2.1495	0.245087	0.766313	-1.30495	0.00430644	0.433614	-2.3062
cg07001201	CEP72	0.0118362	0.824528	0.927119	-1.07861	0.055079	0.47656	-2.09837	0.230938	0.651666	-1.53453	0.0313437	0.422914	-2.36455	0.11544	0.55812	-1.79173
cg17617714	CEP72	0.0119175	0.0589704	0.531249	-1.88236	0.411259	0.77942	-1.28301	0.136364	0.621268	-1.60961	0.810296	1.07393	1.07393	0.000247974	0.166243	-6.01528
cg17257862	CEP72	0.0134055	0.000251749	0.23491	-4.25695	0.736306	0.922092	-1.08449	0.851638	1.04596	1.04596	0.103094	0.651867	-1.53406	0.308201	1.28803	1.28803
cg10475468	CEP72	0.0141541	0.767334	1.0349	1.0349	0.00251964	0.615672	-1.62424	0.612872	0.942707	-1.06078	0.211518	1.1644	1.1644	0.882969	1.01718	1.01718
cg08917022	CEP72	0.0177679	0.578967	0.900959	-1.10993	0.00576512	0.510083	-1.96046	0.00202114	0.444741	-2.2485	0.633902	0.914596	-1.09338	0.728072	1.0671	1.0671
cg18439591	CEP72	0.0208111	0.0138615	0.223077	-4.48275	0.424233	0.668548	-1.49578	0.063757	0.357649	-2.79604	0.0133381	0.220372	-4.53779	0.00793146	0.186431	-5.36392
cg19723187	CEP72	0.0212195	0.0198145	0.224292	-4.45848	0.863906	0.912875	-1.09544	0.220025	0.503983	-1.98419	0.382042	0.621044	-1.61019	0.00397713	0.127779	-7.82603
cg16593027	CEP72	0.0233236	0.84462	0.940692	-1.06305	0.0145003	0.391225	-2.55607	0.00939032	0.358381	-2.79033	0.0117652	0.375159	-2.66554	0.460589	1.26374	1.26374
cg11866789	CEP72	0.0253829	0.053318	0.633453	-1.57865	0.0797506	0.667361	-1.49844	0.00973602	0.506592	-1.97398	0.59656	0.894837	-1.11752	0.0119206	0.520656	-1.92066
cg26513519	CEP72	0.0295035	0.103862	0.631409	-1.58376	0.0141489	0.457132	-2.18755	0.109438	0.636838	-1.57026	0.219606	0.716233	-1.39619	0.0045984	0.377108	-2.65176
cg08330572	CEP72	0.0339829	0.644588	1.16686	1.16686	0.0208942	0.397127	-2.51809	0.0289191	0.424978	-2.35306	0.605613	0.8411	-1.18892	0.875937	0.949419	-1.05328
cg09180464	CEP72	0.0346985	0.692356	0.926568	-1.07925	0.0233999	1.68107	1.68107	0.290478	1.23417	1.23417	0.0196292	0.582354	-1.71717	0.395347	1.18169	1.18169
cg03662254	CEP72	0.0348761	0.0348435	1.77566	1.77566	0.00594761	0.431842	-2.31566	0.059556	0.608707	-1.64283	0.954961	1.01327	1.01327	0.138248	0.68895	-1.45148
cg14559234	CEP72	0.0362172	0.463574	1.30556	1.30556	0.00662056	0.283738	-3.52438	0.00322879	0.237888	-4.20366	0.689765	1.15419	1.15419	0.755314	0.894292	-1.1182
cg20974424	CEP72	0.039781	0.448401	0.901171	-1.10967	0.029773	1.41125	1.41125	0.254345	0.851876	-1.17388	0.0621153	0.753604	-1.32696	0.978804	1.00358	1.00358
cg18532239	CEP72	0.0428889	0.854981	0.97833	-1.02215	0.691287	0.953328	-1.04896	0.210999	0.854009	-1.17095	0.191684	0.847459	-1.18	0.00932164	0.673721	-1.48429
cg03602880	CEP72	0.0489533	0.208587	1.56294	1.56294	0.0200226	0.388494	-2.57404	0.0298373	2.36578	2.36578	0.813529	1.08285	1.08285	0.0514045	0.473721	-2.11094
cg06740311	CEP76	0.000116637	0.85609	0.974445	-1.02623	0.000927727	0.494028	-2.02418	0.0346549	0.703833	-1.42079	0.00220214	0.542233	-1.84423	3.28E-06	0.208364	-4.79929
cg24458288	CEP76;PSMG2	0.00464051	0.00965874	0.749876	-1.33355	0.175751	1.1349	1.1349	0.230548	0.895336	-1.1169	0.326202	0.914756	-1.09319	0.997659	0.999742	-1.00026
cg03615207	CEP76;PSMG2;CEP76	0.0267699	0.261487	0.86303	-1.15871	0.320762	0.878928	-1.13775	0.471429	0.911965	-1.09653	0.335525	0.88256	-1.13307	0.00631306	0.639274	-1.56428
cg21238276	CEP78;CEP78	9.04E-07	8.62E-06	0.228523	-4.37592	0.00152051	0.498202	-2.00722	0.000185534	0.38161	-2.62048	0.000175126	0.378517	-2.64189	4.77E-08	0.0550672	-18.1596
cg01886634	CEP78;CEP78	0.00237656	0.00393524	0.303511	-3.29478	0.0300451	0.456442	-2.19086	0.049912	0.502949	-1.98827	0.00754815	0.347687	-2.87615	0.000446382	0.182218	-5.48794

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02057239	0.485247	0.792233	-1.26226	0.0304616	0.433768	-2.30538	0.336575	1.38458	1.38458	0.0481836	2.09924	2.09924	6.04809	10.3314	1.51841	1
cg04030584	0.587637	0.853261	-1.17197	0.000207876	0.16538	-6.04667	0.200927	0.67604	-1.4792	0.23044	0.694436	-1.44002	6.01029	7.99667	1.18266	1
cg06646556	0.112595	0.630375	-1.58636	0.0397036	0.529743	-1.88771	0.817666	0.94017	-1.06364	0.102338	0.620268	-1.61221	5.97764	6.75688	1.00476	1
cg08133816	0.204994	0.852492	-1.17303	0.778032	1.0343	1.0343	0.0388085	0.751632	-1.33044	0.576458	1.06966	1.06966	4.58209	1.0335	0.200491	1
cg08224646	0.900534	0.945558	-1.05758	0.069667	0.403211	-2.48009	0.972263	1.01569	1.01569	0.00137846	0.125289	-7.98152	4.09968	11.5678	2.82164	1
cg12845249	0.785263	1.02434	1.02434	0.00154896	0.669737	-1.49312	0.951982	1.00532	1.00532	0.114196	1.16338	1.16338	3.80147	0.466974	0.109191	1
cg09628887	0.496872	0.933258	-1.07151	0.000996904	0.612924	-1.63152	0.0374104	0.785176	-1.2736	0.00926052	1.39192	1.39192	19.7513	3.1365	0.141155	1
cg27295781	0.997447	0.99924	-1.00076	0.00110473	0.318827	-3.1365	0.264816	1.31818	1.31818	0.567297	1.14734	1.14734	3.75532	3.3606	0.795458	1
cg21492378	0.985135	0.996376	-1.00364	0.154471	0.743027	-1.34585	0.312087	0.81564	-1.22603	0.00154257	0.411627	-2.42938	10.1264	6.09071	0.534638	1
cg14506722	0.66686	0.929822	-1.07547	0.622196	0.919939	-1.08703	0.583477	1.0975	1.0975	0.0855248	0.726625	-1.37623	8.86671	3.96421	0.397413	1
cg13817287	0.0408529	0.436716	-2.28982	0.0194366	2.69563	2.69563	0.613844	1.19551	1.19551	0.318154	0.696193	-1.43638	7.81359	15.2433	1.73411	1
cg14596702	0.385521	0.822003	-1.21654	0.0144673	1.9424	1.9424	0.386654	1.21594	1.21594	0.565187	1.13667	1.13667	4.24299	3.26211	0.683398	1
cg23448101	0.357195	1.08007	1.08007	2.76E-08	0.190799	-5.24113	0.00366453	0.726433	-1.37659	0.874149	0.987189	-1.01298	54.7764	5.74023	0.0931501	1
cg16568904	0.790539	0.976561	-1.024	0.000495264	0.615202	-1.62548	0.0131669	1.31504	1.31504	0.757651	0.9728	-1.02796	29.2613	3.67887	0.111755	1
cg02014281	5.78E-06	0.664876	-1.50404	0.178197	0.944378	-1.0589	0.0572908	0.917565	-1.08984	0.0278122	1.10962	1.10962	22.6335	0.573687	0.0225305	1
cg13377885	0.814617	0.918521	-1.08871	0.00176671	0.199575	-5.01065	0.834308	0.927007	-1.07874	0.262109	1.52671	1.52671	12.112	25.1162	1.84326	1
cg08346273	0.0298734	0.347666	-2.87632	2.27E-05	0.0299665	-33.3706	0.510847	1.3175	1.3175	0.0184357	0.306671	-3.26083	11.469	31.0484	2.40637	1
cg13605172	0.11103	0.758045	-1.31918	0.00261458	0.514252	-1.94457	0.104303	1.32754	1.32754	0.0591988	1.40479	1.40479	8.23056	3.31863	0.358407	1
cg27033705	0.00783111	0.616045	-1.62326	0.472544	0.901488	-1.10928	0.106065	1.28472	1.28472	0.951532	0.991409	-1.00867	6.47217	2.06515	0.283627	1
cg24934804	0.222788	1.15369	1.15369	0.000308142	1.92261	1.92261	0.0965908	0.815807	-1.22578	0.666451	1.04958	1.04958	6.41657	1.26562	0.175327	1
cg22036008	0.906591	1.01517	1.01517	0.629801	1.06429	1.06429	0.734042	0.957193	-1.04472	0.0486841	1.33491	1.33491	5.68816	1.48273	0.231706	1
cg02506227	0.245896	0.839378	-1.19136	0.00951997	0.622597	-1.60618	0.0362164	1.42103	1.42103	0.010889	1.58599	1.58599	8.63477	2.84671	0.293049	1
cg24504843	0.0513242	1.38281	1.38281	9.22E-05	2.77277	2.77277	0.461755	1.11565	1.11565	0.194124	0.818181	-1.22222	13.1649	4.44896	0.300393	1
cg25636933	0.22118	0.541415	-1.84701	0.00099629	0.0970412	-10.3049	0.0155512	0.24277	-4.11913	0.055304	0.354698	-2.8193	6.16457	22.2241	3.20456	1
cg06583605	0.0737726	0.534284	-1.87167	0.000886132	4.78983	4.78983	0.701979	0.88611	-1.12853	0.383291	1.32468	1.32468	5.56079	8.71079	1.39241	1
cg11617585	0.0937675	1.21206	1.21206	0.666676	0.955786	-1.04626	0.0168364	1.35576	1.35576	0.0040015	1.49728	1.49728	4.65714	0.803281	0.153319	1
cg11823502	0.000323264	0.0407544	-24.5372	0.5367	0.708756	-1.41092	0.954776	0.969275	-1.0317	0.850066	0.901106	-1.10975	4.48373	21.5016	4.26264	1
cg19592431	0.000488285	0.279598	-3.57656	5.98E-05	0.177163	-5.64452	5.89E-06	0.0931348	-10.7371	0.117577	0.672733	-1.48647	21.9238	18.8862	0.765729	1
cg27630352	0.653698	0.889667	-1.12402	1.35E-05	0.0945844	-10.5726	0.851292	1.04979	1.04979	0.001385	0.301133	-3.3208	16.6203	17.642	0.943533	1
cg02428178	0.00116369	0.370489	-2.69913	0.00254044	0.418059	-2.39201	0.848128	0.960867	-1.04073	0.144413	0.721488	-1.38602	11.64	7.99201	0.610309	1
cg20915029	0.198405	1.24103	1.24103	0.0237145	0.651179	-1.53568	0.576092	0.914166	-1.09389	0.145352	0.780028	-1.282	10.2198	4.08562	0.355355	1
cg17834717	0.109714	0.725794	-1.3778	0.161418	1.31636	1.31636	0.208595	1.27589	1.27589	0.00307766	2.10587	2.10587	3.99219	2.13594	0.475583	1
cg18760324	0.962192	1.00837	1.00837	0.0016735	0.453679	-2.2042	0.438821	1.14898	1.14898	0.0734951	1.42041	1.42041	4.87018	2.38576	0.43544	1
cg11639001	0.0233855	0.632147	-1.58191	0.00339087	0.509432	-1.96297	0.0238052	0.633345	-1.57892	0.93925	1.01299	1.01299	16.2399	7.37318	0.40357	1
cg20231021	0.635227	0.91071	-1.09804	0.000687557	2.75798	2.75798	0.123857	1.38565	1.38565	0.303784	0.811835	-1.23178	6.01785	3.65096	0.539279	1
cg12191285	0.541198	0.80844	-1.23695	0.0183186	0.373714	-2.67584	0.716091	0.881994	-1.1338	0.35111	0.718975	-1.39087	3.84019	7.1886	1.66394	1
cg21655201	0.564852	0.908081	-1.10122	0.383353	1.15964	1.15964	0.189281	1.25911	1.25911	0.24008	0.815616	-1.22607	3.75311	1.63188	0.386495	1
cg14727452	0.186978	0.587474	-1.7022	0.024012	0.359219	-2.78382	0.398619	0.719897	-1.38909	0.091855	0.493728	-2.02541	3.54596	8.12207	2.03601	1
cg02065003	0.124192	1.43424	1.43424	0.0017936	0.381984	-2.61791	0.866488	0.964206	-1.03712	0.76527	0.937196	-1.06701	3.47415	2.58205	0.660637	1
cg13116071	0.258204	1.31514	1.31514	0.137169	1.45028	1.45028	0.0841464	1.55846	1.55846	0.127232	0.681833	-1.46663	11.7709	10.0514	0.759036	1
cg17510645	0.0604179	0.459182	-2.17779	0.773916	0.899547	-1.11167	0.51899	1.27163	1.27163	0.0115265	0.313046	-3.19442	7.29394	15.6069	1.90196	1
cg26337566	0.156186	1.26226	1.26226	0.271029	0.838672	-1.19236	0.268063	1.19377	1.19377	0.0104831	0.609827	-1.63981	5.20984	1.94493	0.331838	1
cg16167050	0.283582	0.680715	-1.46904	0.309869	0.695737	-1.43733	0.00213525	4.43489	4.43489	0.988845	0.995185	-1.00484	4.20936	7.94574	1.6779	1
cg18184219	0.347434	0.621152	-1.60991	0.883392	1.07491	1.07491	0.149976	2.1375	2.1375	0.463499	0.692618	-1.4438	3.53735	13.5724	3.41057	1
cg08122338	0.0282312	0.789179	-1.26714	0.000797934	0.629525	-1.5885	0.444469	1.07384	1.07384	0.101958	1.17773	1.17773	6.90095	0.912798	0.117575	1
cg10483909	0.00841545	0.793242	-1.26065	0.00184031	0.737524	-1.35589	0.637829	1.03317	1.03317	0.661709	0.970151	-1.03077	4.46808	0.335214	0.0666882	1
cg21397993	0.363446	0.956355	-1.04564	0.000704265	0.781348	-1.27984	0.0892291	0.91435	-1.09367	0.0236548	0.878903	-1.13778	7.12978	0.257781	0.0321382	1
cg24338483	0.924058	1.01159	1.01159	0.0926027	0.799644	-1.25056	0.289551	1.14203	1.14203	0.17891	0.841554	-1.18828	9.16362	2.11818	0.205468	1
cg13627726	0.837753	0.865135	-1.15589	0.0673646	0.23497	-4.25585	0.00526447	0.0742886	-13.461	0.273636	0.447119	-2.23654	3.38818	26.7894	7.02819	1
cg07651364	0.00850771	1.90575	1.90575	?	?	?	0.510504	1.13675	1.13675	0.0281618	1.6451	1.6451	9.17284	4.76193	0.519134	1
cg02838932	0.368857	0.940255	-1.06354	0.401786	0.944332	-1.05895	0.572008	1.03885	1.03885	0.0593728	1.15265	1.15265	8.70163	0.613988	0.0627201	1
cg03016638	0.015142	0.574963	-1.73924	0.000325847	0.34051	-2.93677	0.657185	1.08637	1.08637	0.556891	1.11649	1.11649	6.55038	3.56831	0.484221	1
cg21663539	0.1436	0.783757	-1.27591	0.00573173	0.570317	-1.75341	0.224841	0.820641	-1.21856	0.157735	0.791196	-1.26391	4.6296	1.7627	0.338441	1
ch.18.310800R	0.175717	0.428614	-2.3331	0.0182127	0.185118	-5.40197	0.173871	0.426864	-2.34267	0.183586	0.435977	-2.2937	4.52456	24.8107	4.87427	1
cg12256941	0.00132949	0.533468	-1.87452	0.0141712	0.665317	-1.50304	0.160633	0.817279	-1.22357	0.596322	0.930555	-1.07463	4.29597	1.23333	0.255191	1
cg22930587	0.839919	1.02422	1.02422	0.329397	0.887716	-1.12649	0.0924053	0.8032	-1.24502	0.00460127	0.640012	-1.56247	9.98702	2.21457	0.197107	1
cg01612936	0.46531	1.26881	1.26881	0.119673	1.71769	1.71769	0.00336818	3.58886	3.58886	0.266748	1.44879	1.44879	6.31193	10.2623	1.4452	1
cg12108956	0.00992858	0.278603	-3.58934	0.146124	0.542148	-1.84451	0.29721	1.52817	1.52817	0.466837	1.33715	1.33715	5.44315	13.2736	2.16764	1
cg24531267	0.147875	0.813228	-1.22967	0.00090997	0.516577	-1.93582	0.313206	1.14902	1.14902	0.804905	0.96758	-1.03351	4.96061	1.39328	0.24966	1
cg04070427	0.220306	1.22528	1.22528	0.00147316	2.0617	2.0617	0.540871	1.10251	1.10251	0.959294	0.991986	-1.00808	3.99087	1.57091	0.349889	1
cg26295618	0.112523	0.709662	-1.40912	0.924145	1.01909	1.01909	0.663642	0.9168	-1.09075	0.00154048	0.404777	-2.47049	11.0304	6.88457	0.554795	1
cg09126043	0.341648	0.896443	-1.11552	0.00337043	0.640874	-1.56037	0.0117463	1.42074	1.42074	0.0072727	1.47148	1.47148	10.5632	2.08256	0.175247	1
cg02100604	0.00537464	0.148015	-6.75605	0.00112521	0.0821629	-12.1709	0.660969	1.25863	1.25863	0.0219584	0.238713	-4.18912	7.60169	32.7056	3.82437	1
cg18766475	0.528885	0.839302	-1.19147	0.712942	1.1068	1.1068	0.278191	1.36294	1.36294	0.0481023	0.537759	-1.85957	6.56414	7.83921	1.06155	1
cg23808061	0.0568211	0.755037	-1.32444	0.101166	0.791376	-1.26362	0.513751	0.9173	-1.09016	0.259101	1.16587	1.16587	6.21251	1.6718	0.239201	1
cg11812143	0.297491	1.16118	1.16118	0.00423113	1.69864	1.69864	0.129422	1.25444	1.25444	0.229511	1.1906	1.1906	3.81959	1.15809	0.26951	1
cg25827255	0.0035504	0.46349	-2.15754	0.000745148	0.369292	-2.70789	0.0227661	0.588338	-1.6997	0.547066	0.888171	-1.12591	10.5096	6.30415	0.533195	1
cg25314624	0.0669678	0.459497	-2.17629	0.00138995	0.172976	-5.78114	0.040944	0.409267	-2.44339	0.00221686	0.197205	-5.07087	9.35434	21.2459	2.01887	1
cg14001558	0.965234	0.984858	-1.01537	0.000274577	0.124192	-8.05205	0.690938	1.15015	1.15015	0.786107	1.0999	1.0999	5.5534	10.7774	1.72505	1
cg24371383	0.730025	0.916947	-1.09058	0.56727	1.15573	1.15573	0.129549	1.50668	1.50668	0.459123	0.828067	-1.20763	4.79233	4.75467	0.881904	1
cg04026927	0.758638	1.12285	1.12285	0.18907	1.68723	1.68723	0.0124222	3.22121	3.22121	0.298776	0.667041	-1.49916	4.3752	9.79452	1.98991	1
cg09145139	0.211122	1.14176	1.14176	0.0219986	0.75848	-1.31843	0.0233387	0.761325	-1.3135	0.0230859	1.3144	1.3144	4.59403	0.736688	0.14254	1
cg00359423	0.00531205	0.159473	-6.27066	0.000459002	0.0634909	-15.7503	0.000999716	0.0869742	-11.4977	0.0010721	0.0893677	-11.1897	10.9601	43.3578	3.5164	1
cg06506128	0.0127755	0.60252	-1.65969	0.627221	1.08346	1.08346	0.834074	0.966227	-1.03495	0.137478	0.76952	-1.29951	5.35833	2.27654	0.377654	1
cg21769600	0.0662716	1.57793	1.57793	0.000152832	0.237473	-4.21101	0.372096	0.816355	-1.22496	0.328563	0.799888	-1.25017	8.30487	6.44851	0.690198	1
cg25478527	0.0132989	0.192661	-5.19047	0.00490695	0.112239	-8.90958	0.0110791	0.175992	-5.68208	0.470544	1.36268	1.36268	10.2674	24.2168	1.04827	1
cg00671093	0.92917	0.995279	-1.00474	0.00563022	1.21342	1.21342	0.608862	1.02785	1.02785	0.00188934	1.26421	1.26421	3.85094	0.172827	0.0398926	1
cg02510779	0.019277	0.711136	-1.4062	0.0502807	0.764336	-1.30833	0.232662	1.16268	1.16268	0.0148339	1.43472	1.43472	4.70056	1.07971	0.204176	1
cg16240572	0.305244	1.21743	1.21743	0.00494397	0.501663	-1.99337	0.588154	0.903642	-1.10663	0.199375	1.28568	1.28568	5.75364	3.1296	0.483497	1
cg08130643	0.123169	0.756793	-1.32136	0.470087	0.884603	-1.13045	0.000427492	0.39439	-2.53556	0.791221	0.956695	-1.04526	5.40308	2.38249	0.391956	1
cg17665164	0.000877057	0.350019	-2.85699	0.461566	1.17083	1.17083	0.00510181	0.458999	-2.17865	0.0746812	0.658514	-1.51857	7.16898	5.0268	0.623279	1
cg07207858	0.709039	1.03252	1.03252	0.122458	0.866833	-1.15363	0.827639	0.981554	-1.01879	0.2232	1.11547	1.11547	3.79074	0.437671	0.102629	1
cg20751057	0.00230715	0.268124	-3.72962	0.00219904	0.265252	-3.77001	0.735577	1.11047	1.11047	0.0380576	0.475536	-2.10289	5.79806	8.77481	1.34525	1
cg09923593	0.0310501	0.621055	-1.61016	0.00971125	0.540324	-1.85074	0.00119543	2.44367	2.44367	0.834486	0.961392	-1.04016	10.8421	6.08049	0.498511	1
cg23816572	0.525281	0.90004	-1.11106	8.66E-05	0.315891	-3.16565	0.918896	1.0168	1.0168	0.0664822	1.40033	1.40033	8.17951	3.4677	0.376844	1
cg05010058	0.218573	0.805578	-1.24134	0.602987	1.09162	1.09162	0.958571	1.00872	1.00872	0.451504	1.13673	1.13673	7.90462	3.49425	0.392935	1
cg03381035	0.682673	0.958519	-1.04328	0.00176001	0.631707	-1.58301	0.131417	0.845478	-1.18276	0.0310959	0.770433	-1.29797	7.12531	1.1988	0.149551	1
cg00018198	0.0115409	0.44576	-2.24336	0.597811	0.872696	-1.14587	0.0121424	2.22457	2.22457	0.715993	0.910779	-1.09796	5.45631	5.65332	0.920984	1
cg10146163	0.0112014	0.245682	-4.0703	0.00437067	0.186126	-5.37271	0.392522	1.47237	1.47237	0.107218	0.459989	-2.17396	4.17196	12.8884	2.74604	1
cg11557307	0.7264	0.968922	-1.03208	0.215762	0.889511	-1.12421	0.0755344	1.19458	1.19458	0.000620529	1.60529	1.60529	6.76256	0.865015	0.1137	1
cg00492055	0.017166	2.43358	2.43358	0.00203071	0.263825	-3.7904	0.706444	0.890591	-1.12285	0.372447	0.755474	-1.32367	7.24725	10.7639	1.32022	1
cg18177304	0.662068	1.10494	1.10494	0.000240729	0.2519	-3.96983	0.332925	0.797211	-1.25437	0.419245	1.20596	1.20596	6.33662	5.16726	0.724853	1
cg00223863	0.727006	0.925136	-1.08092	0.0387463	1.70129	1.70129	0.3435	1.24192	1.24192	0.755188	0.932913	-1.07191	6.31526	4.93014	0.69393	1
cg02604799	0.00094858	0.152847	-6.54251	0.419158	0.730034	-1.3698	0.701874	0.863628	-1.15791	0.0184916	0.336531	-2.97149	6.14197	14.1349	2.04566	1
cg15872672	0.208169	1.11913	1.11913	0.00675888	0.742458	-1.34688	0.76741	0.975158	-1.02548	0.0157544	1.28526	1.28526	5.31993	0.606123	0.101275	1
cg19116545	0.0402966	1.72754	1.72754	0.580194	1.1376	1.1376	0.715791	1.08804	1.08804	0.366899	0.807427	-1.2385	3.70087	3.12134	0.749694	1
cg15095727	0.044441	0.370136	-2.70171	0.0102995	0.248571	-4.023	0.0440247	0.369206	-2.70852	0.274276	0.612737	-1.63202	3.64291	10.6967	2.61006	1
cg14787946	0.906729	1.01723	1.01723	0.000384137	0.437783	-2.28424	0.915344	1.01562	1.01562	0.486188	0.902002	-1.10865	8.53984	2.87362	0.299108	1
cg14216142	0.0504214	0.60323	-1.65774	0.0696811	0.63137	-1.58386	0.614103	0.891143	-1.12215	0.00992086	0.477893	-2.09252	5.66059	4.60651	0.723366	1
cg23417379	0.0692245	0.637629	-1.56831	0.280938	1.28157	1.28157	0.496616	0.858305	-1.16509	0.000194803	0.249694	-4.00489	19.7314	15.3138	0.689877	1
cg25619703	0.293443	0.900846	-1.11007	3.20E-06	2.87792	2.87792	0.937976	0.992571	-1.00748	0.0623371	0.817892	-1.22265	18.0671	2.62694	0.129243	1
cg17949568	0.164421	0.778801	-1.28403	0.0203523	0.624215	-1.60201	0.0221968	1.58731	1.58731	0.00042587	0.390523	-2.56067	17.0385	7.66428	0.39984	1
cg04221910	0.000362039	0.142544	-7.01536	0.000288993	0.133336	-7.49983	0.371	1.36749	1.36749	0.00149691	0.210227	-4.75677	14.998	27.5736	1.63421	1
cg16640753	0.00625724	0.316664	-3.15792	0.000289295	0.148307	-6.74279	0.637547	1.16552	1.16552	0.0161518	0.386783	-2.58543	12.9527	21.3712	1.46661	1
cg07378058	0.0181744	1.27376	1.27376	0.000129672	1.75239	1.75239	0.0221847	0.793467	-1.26029	0.695909	1.0337	1.0337	12.9327	1.45805	0.100215	1
cg07718713	0.0178611	0.515274	-1.94071	0.90235	1.02867	1.02867	0.21525	1.35043	1.35043	0.00167532	0.35529	-2.8146	11.201	9.40955	0.746726	1
cg08915936	0.0120626	1.55896	1.55896	0.000192166	2.43718	2.43718	0.228223	0.835778	-1.19649	0.0864348	0.764403	-1.30821	9.47688	3.01985	0.283248	1
cg18872441	0.000945685	0.437933	-2.28345	0.0739631	1.39592	1.39592	0.234747	0.811721	-1.23195	0.0836267	0.725644	-1.37809	8.06246	3.58199	0.394916	1
cg07414060	0.614957	1.06894	1.06894	0.265338	1.16482	1.16482	0.0125142	0.664765	-1.50429	0.381445	0.888706	-1.12523	6.80391	1.8616	0.243207	1
cg20773479	0.0183856	0.498612	-2.00557	0.3133	0.775912	-1.28881	0.613374	0.883425	-1.13196	0.272653	0.757477	-1.32017	6.34571	5.94811	0.833195	1
cg07777115	0.0511346	0.614942	-1.62617	0.0654112	0.635892	-1.57259	0.87329	1.03556	1.03556	0.340798	0.806627	-1.23973	5.83081	4.42541	0.674639	1
cg07001201	0.00149955	0.210266	-4.75588	0.00129648	0.202525	-4.93767	0.598553	1.19847	1.19847	0.320225	0.704688	-1.41907	5.59839	10.296	1.63476	1
cg17617714	0.129853	0.615503	-1.62469	0.957939	0.984479	-1.01577	0.828857	1.06632	1.06632	0.0260481	0.456866	-2.18883	5.58598	7.7829	1.23848	1
cg17257862	0.51844	0.854612	-1.17012	0.289662	1.3018	1.3018	0.837797	0.951998	-1.05042	0.538183	1.16134	1.16134	5.37588	4.90352	0.810786	1
cg10475468	0.0366407	0.755193	-1.32416	0.00235853	0.612289	-1.63322	0.37786	1.1103	1.1103	0.326094	0.889369	-1.12439	5.28085	1.11833	0.188242	1
cg08917022	0.289974	0.815173	-1.22673	0.0350951	1.57902	1.57902	0.310626	0.822668	-1.21556	0.302571	0.819785	-1.21983	4.89644	2.68488	0.487407	1
cg18439591	0.00554187	0.165604	-6.03849	0.302319	0.590261	-1.69416	0.0634985	0.357203	-2.79953	0.0169222	0.237559	-4.20948	4.64132	17.8929	3.42679	1
cg19723187	0.0146343	0.202456	-4.93934	0.00459746	0.134757	-7.42078	0.830784	0.892518	-1.12043	0.0528213	0.310528	-3.22033	4.61062	20.6162	3.97463	1
cg16593027	0.580925	0.840522	-1.18974	0.064776	1.90844	1.90844	0.0748596	0.538919	-1.85557	0.355668	0.743757	-1.34453	4.46329	6.86295	1.36679	1
cg11866789	0.00440492	0.45354	-2.20488	0.0144259	0.534124	-1.87222	0.283444	0.793117	-1.26085	0.211843	0.760677	-1.31462	4.33424	2.96952	0.609005	1
cg26513519	0.00430093	0.372645	-2.68352	0.983228	0.99458	-1.00545	0.598547	0.871654	-1.14724	0.192106	0.699785	-1.42901	4.1111	4.35242	0.941065	1
cg08330572	0.00313127	0.261303	-3.82697	0.278436	0.687692	-1.45414	0.508789	1.24942	1.24942	0.0442838	0.464131	-2.15457	3.90855	6.83244	1.55384	1
cg09180464	0.0368004	0.628028	-1.59229	0.0366802	1.59291	1.59291	0.61535	0.90741	-1.10204	0.746374	0.93966	-1.06421	3.87925	2.2598	0.517809	1
cg03662254	0.16692	0.708927	-1.41058	0.35075	0.799144	-1.25134	0.418408	0.824455	-1.21292	0.0391787	0.572843	-1.74568	3.8721	3.34223	0.767251	1
cg14559234	0.772238	0.901476	-1.10929	0.306566	1.45981	1.45981	0.372396	0.72088	-1.38719	0.308179	0.685946	-1.45784	3.81948	7.72614	1.79807	1
cg20974424	0.423313	0.895698	-1.11645	0.00440039	1.66884	1.66884	0.781232	0.963196	-1.03821	0.907254	1.01582	1.01582	3.69059	1.06041	0.255402	1
cg18532239	0.646521	0.946207	-1.05685	0.0130102	1.44629	1.44629	0.849376	0.97749	-1.02303	0.0475347	0.762311	-1.3118	3.58931	0.815136	0.201868	1
cg03602880	0.15654	0.600178	-1.66617	0.0868245	0.528824	-1.89099	0.561054	0.820372	-1.21896	0.933822	0.972411	-1.02837	3.41545	6.13863	1.59761	1
cg06740311	0.00300223	0.55972	-1.78661	0.00117367	0.507062	-1.97215	0.074931	1.32689	1.32689	0.0324224	0.699681	-1.42922	21.2465	6.84297	0.286289	1
cg24458288	0.000611812	0.628806	-1.59031	0.718277	1.03236	1.03236	0.00513299	1.38393	1.38393	0.314153	1.09581	1.09581	7.5073	0.918581	0.108763	1
cg03615207	0.00536333	0.630478	-1.5861	0.087867	0.789017	-1.2674	0.0127133	0.677383	-1.47627	0.0120799	0.674577	-1.48241	4.25441	1.06628	0.222781	1
cg21238276	4.87E-05	0.311796	-3.20722	8.15E-07	0.133509	-7.49016	3.94E-06	0.194343	-5.14554	1.05E-05	0.237602	-4.20871	75.2398	27.7514	0.327857	1
cg01886634	0.00975067	0.366191	-2.73082	0.000326409	0.167823	-5.95867	0.186698	0.650385	-1.53755	0.027979	0.45024	-2.22104	9.1675	13.7148	1.3298	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13910484	CEP78;CEP78;CEP78;CEP78	9.76E-07	0.754111	0.960488	-1.04114	0.65134	1.0601	1.0601	0.481915	0.912374	-1.09604	0.117177	1.24403	1.24403	6.90E-09	0.0443647	-22.5404	0.0771676	0.777155	-1.28675	0.00279189	0.589345	-1.6968	0.0468832	0.746852	-1.33895	0.290703	0.868767	-1.15106	73.7824	19.2357	0.231741	1
cg20293582	CEP97	0.000119395	0.24463	0.758041	-1.31919	2.90E-05	0.154553	-6.47028	1.71E-05	0.13428	-7.44712	0.165759	0.714327	-1.39992	0.000339547	0.268759	-3.72081	0.000881215	0.321534	-3.11009	0.00712709	0.45338	-2.20565	0.786471	1.06375	1.06375	0.000933806	0.324889	-3.07798	21.1137	17.3215	0.729239	1
cg20934836	CEP97	0.00190094	0.0300057	0.784126	-1.2753	0.0279527	0.780825	-1.2807	0.0110661	1.35465	1.35465	0.099116	1.18796	1.18796	0.456469	0.930297	-1.07493	0.000185032	0.547918	-1.82509	0.218479	0.88399	-1.13123	0.980679	0.997696	-1.00231	0.0221761	1.29854	1.29854	9.78551	1.40657	0.127769	1
cg24172986	CEP97	0.00245689	7.86E-05	0.202958	-4.92713	0.143998	1.41985	1.41985	0.9501	1.01407	1.01407	0.139613	1.4262	1.4262	0.576648	1.13424	1.13424	0.506715	0.860325	-1.16235	0.0201966	1.86933	1.86933	0.608298	1.12237	1.12237	0.0645577	1.58993	1.58993	9.07838	7.17111	0.702143	1
cg23048036	CEP97	0.0202443	0.0328591	0.346711	-2.88425	0.520156	0.758315	-1.31871	0.144214	0.513894	-1.94592	0.515221	1.32317	1.32317	0.0146803	0.279473	-3.57816	0.23688	0.591008	-1.69202	0.0025221	0.168668	-5.9288	0.00731145	0.230443	-4.33947	0.944763	1.02984	1.02984	4.68518	13.364	2.53547	1
cg20967818	CEP97	0.0277906	0.519134	0.889983	-1.12362	0.0806617	0.707863	-1.4127	0.00566764	0.523472	-1.91032	0.493274	1.13211	1.13211	0.810681	0.958105	-1.04373	0.0934477	1.38964	1.38964	0.251262	1.23834	1.23834	0.0155896	1.69703	1.69703	0.500435	1.12972	1.12972	4.19886	2.11505	0.44775	1
cg09136695	CEPT1;CEPT1	4.93E-05	0.715138	1.04367	1.04367	5.43E-05	0.415951	-2.40413	0.0689586	0.788747	-1.26783	0.000890794	1.7866	1.7866	0.00797717	0.672648	-1.48666	0.44086	0.912426	-1.09598	0.253587	1.14915	1.14915	0.00726051	0.667766	-1.49753	3.62E-06	0.28198	-3.54635	26.7247	5.75467	0.191406	1
cg26811411	CEPT1;CEPT1	0.00991482	0.499953	0.882226	-1.1335	0.179132	0.770158	-1.29843	0.662418	0.922755	-1.08371	0.120646	1.36076	1.36076	0.0138481	0.573166	-1.7447	0.422697	0.860823	-1.16168	0.632007	1.09231	1.09231	0.0456945	1.52082	1.52082	0.000676311	0.386352	-2.58831	5.92681	3.14355	0.471462	1
cg21942815	CEPT1;CEPT1	0.0387992	0.355207	0.742727	-1.34639	0.641124	0.863459	-1.15813	0.310629	1.3883	1.3883	0.523178	0.816805	-1.22428	0.00157661	0.241877	-4.13434	0.0144141	0.389418	-2.56794	0.873532	1.05108	1.05108	0.329998	0.730251	-1.36939	0.913516	0.966596	-1.03456	3.72463	5.76916	1.37682	1
cg06173682	CEPT1;CEPT1;DRAM2	0.000461266	0.0914939	0.618637	-1.61646	0.147913	1.49355	1.49355	0.0402183	1.8451	1.8451	8.19E-06	0.0807115	-12.3898	0.240607	0.727975	-1.37367	0.571478	1.15926	1.15926	0.633765	1.13206	1.13206	0.325723	1.29983	1.29983	0.102883	1.58586	1.58586	14.6134	15.4565	0.94017	1
cg16249375	CEPT1;DRAM2;CEPT1	0.0471728	0.57376	0.904506	-1.10558	0.108743	1.36192	1.36192	0.219864	1.25584	1.25584	0.498895	0.88584	-1.12887	0.0563909	1.46445	1.46445	0.0400976	1.52025	1.52025	0.0262266	0.627747	-1.593	0.390641	0.856138	-1.16804	0.117871	0.740926	-1.34966	3.46362	1.71046	0.438964	1
cg01446692	CER1	0.0243031	0.00598727	0.238084	-4.2002	0.0556884	0.420563	-2.37777	0.00182949	0.170516	-5.86454	0.0876023	0.470812	-2.12399	0.143586	0.533755	-1.87352	0.199961	0.582221	-1.71756	0.0341146	0.372392	-2.68534	0.273386	0.634214	-1.57675	0.0449208	0.398732	-2.50795	4.40022	11.1221	2.24678	1
cg14248734	CERCAM	0.000504854	0.919274	0.988269	-1.01187	0.000312756	1.97457	1.97457	5.89E-05	2.37653	2.37653	0.819146	1.02702	1.02702	0.00418049	0.639718	-1.56319	0.742534	0.962354	-1.03912	0.0459335	0.766201	-1.30514	0.81544	1.02759	1.02759	0.34407	0.892745	-1.12014	14.2523	3.05874	0.190768	1
cg06619282	CERCAM	0.000775935	0.0141506	0.395545	-2.52816	5.31E-05	10.0908	10.0908	0.432864	1.27787	1.27787	0.163745	1.57661	1.57661	0.115611	0.59215	-1.68876	0.00841432	2.80391	2.80391	0.21819	1.48706	1.48706	0.00684673	0.342	-2.92398	0.146985	1.61092	1.61092	12.6402	18.7882	1.32123	1
cg19324791	CERCAM	0.0126933	0.0143778	3.14212	3.14212	0.00425576	0.229485	-4.35758	0.231937	0.629157	-1.58943	0.101585	0.513251	-1.94836	0.0409181	0.412481	-2.42435	0.222386	1.60658	1.60658	?	?	?	0.0614984	0.454996	-2.19782	0.300384	1.48572	1.48572	6.28615	11.6628	1.6234	1
cg03533979	CERK	0.00200696	0.0210011	0.564024	-1.77297	0.0261339	0.580242	-1.72342	0.387353	0.832979	-1.20051	0.0507028	0.631792	-1.5828	0.000471761	0.322077	-3.10485	0.00032746	0.302041	-3.31081	0.241418	1.28777	1.28777	0.948422	1.01343	1.01343	0.0035688	0.442991	-2.25738	9.63215	6.48944	0.598869	1
cg21191224	CERK	0.00216759	0.061519	0.715239	-1.39813	0.134135	1.29309	1.29309	0.0222002	1.54684	1.54684	0.620196	0.923589	-1.08273	0.296353	0.841737	-1.18802	0.000691232	0.438642	-2.27977	0.526559	0.902941	-1.10749	0.386195	1.15182	1.15182	0.000342375	0.399537	-2.5029	9.41808	3.7764	0.356421	1
cg24425686	CERK	0.0127259	0.228644	1.13861	1.13861	0.129273	1.18342	1.18342	0.0276774	1.30663	1.30663	0.746696	1.03386	1.03386	0.215781	0.874722	-1.14322	0.00977702	0.714873	-1.39885	0.00273644	1.52942	1.52942	0.226126	0.877581	-1.1395	0.402057	1.09211	1.09211	5.46805	0.914173	0.148608	1
cg06766034	CERK	0.0173707	0.934102	0.968666	-1.03235	0.518381	1.28667	1.28667	0.36805	0.700518	-1.42751	0.487814	0.762349	-1.31173	0.000572158	0.128341	-7.79174	0.382649	1.41151	1.41151	0.18285	0.580331	-1.72316	0.323469	1.4808	1.4808	0.0214701	0.345243	-2.89651	4.93372	11.5802	2.08637	1
cg05349952	CERK	0.017709	0.0269493	0.594811	-1.68121	0.0012749	0.393841	-2.53909	0.238757	1.2772	1.2772	0.348456	1.21096	1.21096	0.0628241	0.660285	-1.5145	0.226332	1.28649	1.28649	0.278911	0.79992	-1.25013	0.830569	1.04341	1.04341	0.137023	0.727879	-1.37385	4.9019	3.05284	0.553588	1
cg25029689	CERKL;CERKL;CERKL;CERKL;CERKL;CERKL;CERKL	0.000445029	0.0580685	0.752343	-1.32918	0.00226291	0.566926	-1.7639	3.64E-05	0.347716	-2.87591	0.0368894	0.724697	-1.37989	0.023249	0.697448	-1.4338	0.129106	1.2434	1.2434	0.000127443	0.412528	-2.42408	0.804202	1.03355	1.03355	0.487041	0.910459	-1.09835	14.759	4.12488	0.248428	1
cg13025359	CERKL;CERKL;CERKL;CERKL;CERKL;CERKL;CERKL	0.0227371	0.156665	0.482652	-2.07189	0.00625693	0.180307	-5.54609	0.0146281	0.23562	-4.24412	0.663702	0.81029	-1.23413	0.0142233	0.233591	-4.28098	0.118161	0.4423	-2.26091	0.00523151	0.170112	-5.87848	0.562251	0.754476	-1.32542	0.0307392	0.295179	-3.38778	4.50265	16.4877	3.25491	1
cg03993839	CES1;CES1;CES1	0.000101794	0.454964	0.858	-1.1655	0.000644266	0.348641	-2.86828	0.000779555	0.359577	-2.78105	0.0459419	0.631056	-1.58465	0.0185917	0.563126	-1.7758	0.962529	0.99059	-1.0095	5.75E-06	0.128139	-7.80401	0.0212063	0.572632	-1.74632	3.08E-05	0.194507	-5.14121	22.0355	14.1334	0.570127	1
cg06549901	CES1;CES1;CES1	0.00785942	0.846252	1.08193	1.08193	0.119048	0.503445	-1.98631	0.00730919	0.245843	-4.06764	0.01682	0.306248	-3.26533	0.00117669	0.144996	-6.89673	0.0477439	0.3992	-2.50501	0.819303	0.911357	-1.09727	0.0536267	0.411056	-2.43276	0.00217595	0.174713	-5.72368	6.37962	16.6265	2.31662	1
cg04521981	CES1;CES1;CES1	0.00961444	0.339798	1.29607	1.29607	0.617897	1.14175	1.14175	0.0185883	0.471313	-2.12173	0.414645	1.24584	1.24584	0.248735	0.727737	-1.37412	0.321253	1.31014	1.31014	0.00134144	0.292746	-3.41593	0.595587	1.15166	1.15166	0.00381461	0.357597	-2.79645	5.98531	6.58679	0.978217	1
cg08077617	CES1;CES1;CES1	0.0134473	0.0364837	0.275686	-3.62731	0.00857327	0.169086	-5.91417	0.0210947	0.229874	-4.3502	0.201712	0.489393	-2.04335	0.0369417	0.276823	-3.61242	0.041301	0.287187	-3.48206	0.00255891	0.108883	-9.18418	0.00763163	0.162329	-6.16033	0.0142582	0.201454	-4.96391	5.37039	23.897	3.95535	1
cg09425611	CES1;CES1;CES1	0.0164494	0.0326611	0.444971	-2.24734	0.0435609	0.471551	-2.12066	0.0169957	0.389533	-2.56718	0.086257	0.541208	-1.84772	0.00845558	0.33651	-2.97168	0.0158025	0.383725	-2.60603	0.0147893	0.378498	-2.64202	0.00404599	0.286378	-3.49189	0.0348188	0.450752	-2.21852	5.02442	8.34981	1.4772	1
cg03744383	CES1;CES1;CES1;CES1;CES1;CES1	0.00708611	0.0257617	3.89443	3.89443	0.0195177	4.25994	4.25994	0.211161	1.9667	1.9667	0.164071	2.14326	2.14326	0.0192643	4.27806	4.27806	0.00792253	5.7449	5.7449	0.000672393	14.4469	14.4469	0.00236884	8.81463	8.81463	0.423181	1.52196	1.52196	6.58994	27.5111	3.71086	1
cg23196985	CES1;CES1;CES1;CES1;CES1;CES1	0.0453381	0.380345	1.58441	1.58441	0.00655009	6.08815	6.08815	0.853934	1.09884	1.09884	0.355194	1.62647	1.62647	0.147018	2.21645	2.21645	0.0332562	3.57045	3.57045	0.0232876	4.0016	4.0016	0.0202878	4.18344	4.18344	0.533547	0.724342	-1.38056	3.51565	14.5634	3.68217	1
cg04112106	CES2;CES2	0.00547495	0.306927	1.34709	1.34709	0.33275	1.32507	1.32507	0.336319	1.32216	1.32216	0.43544	1.25126	1.25126	0.000140608	0.157039	-6.36783	0.912415	0.969481	-1.03148	0.0237567	2.13886	2.13886	0.934958	0.97727	-1.02326	0.768146	1.08684	1.08684	7.13755	8.97028	1.11713	1
cg10436546	CES2;CES2	0.0183563	0.0868036	0.58413	-1.71195	0.241807	0.705922	-1.41659	0.259346	1.39722	1.39722	0.13803	1.57453	1.57453	0.0535599	0.536233	-1.86486	0.0289249	0.480888	-2.07949	0.0100282	0.39696	-2.51915	0.00452146	0.341131	-2.93143	0.262241	0.717281	-1.39415	4.84307	6.19769	1.13751	1
cg27329196	CES3	0.0150651	0.108054	0.692478	-1.44409	0.208906	1.31998	1.31998	0.0299173	0.585442	-1.70811	0.720695	0.927518	-1.07815	0.00495103	0.458435	-2.18134	0.41149	0.838616	-1.19244	0.00522914	2.16437	2.16437	0.688073	1.08826	1.08826	0.373158	0.825628	-1.2112	5.17328	3.59899	0.618389	1
cg08794265	CES4	0.00433294	0.00383129	0.188327	-5.30993	0.0167394	0.286293	-3.49292	0.00489424	0.202455	-4.93937	0.0974032	0.458839	-2.17941	0.00846396	0.236979	-4.21978	0.00834627	0.236044	-4.23651	0.0014187	0.138367	-7.22717	0.00289206	0.173023	-5.77957	0.0119517	0.260986	-3.83163	7.66511	22.2697	2.58252	1
cg06460672	CES4	0.00453987	0.115028	0.659857	-1.51548	0.494031	0.844941	-1.18351	0.000189098	0.21714	-4.60532	0.796116	0.939117	-1.06483	0.505404	0.848787	-1.17815	0.851721	1.04644	1.04644	0.00160908	0.333756	-2.9962	0.263564	1.32676	1.32676	0.0613695	0.599688	-1.66753	7.55747	7.0445	0.828555	1
cg04322176	CES4	0.00555604	0.0327099	3.41513	3.41513	0.00372975	6.85635	6.85635	0.593067	0.767107	-1.3036	0.29669	1.702	1.702	0.567751	1.32824	1.32824	0.0116793	4.70613	4.70613	0.000473928	14.851	14.851	0.013068	4.54131	4.54131	0.530166	0.731567	-1.36693	7.1054	27.1864	3.40103	1
cg27396498	CES4	0.0074698	0.038108	2.22259	2.22259	0.0288852	2.35383	2.35383	0.977441	0.990649	-1.00944	0.0420698	2.17766	2.17766	0.741615	1.11621	1.11621	0.000976266	5.10242	5.10242	0.000889798	5.22729	5.22729	0.0677827	1.97343	1.97343	0.066315	1.98239	1.98239	6.48219	11.3336	1.55415	1
cg26719862	CES7;CES7	4.98E-05	0.000646615	0.757854	-1.31952	0.88699	1.00756	1.00756	5.61E-07	0.480114	-2.08284	0.834389	0.988969	-1.01115	0.0275658	0.87105	-1.14804	0.98998	1.00067	1.00067	0.297422	1.0589	1.0589	0.767024	0.984382	-1.01587	0.981303	0.998759	-1.00124	26.654	1.18501	0.0395193	1
cg07105499	CES7;CES7	0.000119751	5.05E-05	0.270153	-3.70161	0.000768137	0.415804	-2.40498	0.000163718	0.330424	-3.02642	0.00486396	0.525653	-1.9024	0.00132481	0.447359	-2.23534	0.144961	1.3095	1.3095	0.0012712	0.444943	-2.24748	0.167945	0.776362	-1.28806	3.92E-05	0.257707	-3.88038	21.0968	9.91429	0.417726	1
cg00693157	CES7;CES7	0.00273508	0.307941	0.772848	-1.29391	0.105993	0.649805	-1.53892	0.00324958	0.375334	-2.66429	9.10E-05	0.181297	-5.51582	0.509259	1.17759	1.17759	0.504945	1.17961	1.17961	0.417156	1.22441	1.22441	0.525305	0.854568	-1.17018	0.0166984	0.489981	-2.0409	8.79578	8.30477	0.839268	1
cg04397593	CES7;CES7	0.00447825	0.269053	0.699976	-1.42862	0.121127	0.594013	-1.68347	0.000101277	0.118279	-8.45459	0.132847	0.604997	-1.6529	0.00388755	0.299733	-3.33631	0.0378275	0.474099	-2.10926	0.544658	1.20925	1.20925	0.233564	0.679068	-1.47261	0.616179	0.855027	-1.16955	7.58887	11.5425	1.35198	1
cg07039362	CES7;CES7	0.0147402	0.168016	0.76841	-1.30139	0.0200342	1.65393	1.65393	0.00730159	0.537801	-1.85942	0.619968	0.91427	-1.09377	0.330885	1.19708	1.19708	0.140189	1.32915	1.32915	0.00545159	1.92604	1.92604	0.672526	0.926606	-1.07921	0.430951	0.865779	-1.15503	5.21069	2.65296	0.452567	1
cg08728448	CES7;CES7;CES7;CES7	0.00497492	0.0049306	0.380496	-2.62815	0.412496	0.804609	-1.24284	0.0537586	0.566523	-1.76515	0.238482	0.725899	-1.3776	0.00337647	0.355458	-2.81327	0.00122889	0.29332	-3.40924	0.0161928	0.466186	-2.14507	0.00182085	0.316705	-3.15751	0.0131508	0.450342	-2.22054	7.34987	7.83649	0.947741	1
cg06815910	CES8	0.000390439	0.482369	1.13752	1.13752	3.07E-05	0.230127	-4.34544	0.00405315	0.498365	-2.00656	0.00186916	0.451026	-2.21717	0.00386491	0.495404	-2.01855	0.249644	0.804828	-1.2425	0.000629718	0.387404	-2.58128	0.727984	0.938931	-1.06504	0.000752632	0.397601	-2.51509	15.3019	7.89277	0.458492	1
cg02015909	CES8	0.0140063	0.0187869	10.4195	10.4195	0.0341192	7.65593	7.65593	0.0489797	6.363	6.363	0.12276	3.96139	3.96139	0.0194096	10.2439	10.2439	0.0165948	11.1178	11.1178	0.00241644	32.3921	32.3921	0.0069269	17.7577	17.7577	0.0206787	9.91191	9.91191	5.2991	56.8767	9.54068	1
cg09515766	CES8	0.0219106	0.00326751	0.245098	-4.07999	0.109739	0.542572	-1.84307	0.0130285	0.339484	-2.94565	0.325077	0.700222	-1.42812	0.0679463	0.488242	-2.04816	0.00539157	0.276747	-3.61341	0.0328482	0.416703	-2.39979	0.0605122	0.476051	-2.10061	0.0687699	0.489529	-2.04278	4.56031	8.88215	1.7313	1
cg07112260	CES8	0.0357209	0.018743	9.99062	9.99062	0.0120167	12.5715	12.5715	0.124845	3.82862	3.82862	0.1175	3.95022	3.95022	0.0541244	5.8489	5.8489	0.0563564	5.73145	5.73145	0.153719	3.43545	3.43545	0.0086376	14.9617	14.9617	0.018732	9.99362	9.99362	3.83866	39.6955	9.19197	1
cg04984521	CES8	0.0377901	0.99826	1.00082	1.00082	0.00987363	0.295293	-3.38647	0.00969298	0.293962	-3.4018	0.527243	0.786905	-1.2708	0.913221	0.960038	-1.04163	0.547205	1.25595	1.25595	0.0290541	2.61829	2.61829	0.329486	0.686261	-1.45717	0.361561	0.704073	-1.42031	3.76074	8.33634	1.97037	1
cg04848107	CES8	0.0469433	0.596442	1.1643	1.1643	0.0396161	1.96869	1.96869	0.864298	1.0499	1.0499	0.0392086	0.507024	-1.97229	0.207407	0.684936	-1.45999	0.517137	0.829488	-1.20556	0.00577125	0.357137	-2.80005	0.645155	1.1411	1.1411	0.376079	0.772155	-1.29508	3.46999	4.45296	1.14069	1
cg04781274	CES8	0.0499882	0.156404	0.257742	-3.87984	0.352807	0.425273	-2.35143	0.506643	0.547417	-1.82676	0.390957	0.455628	-2.19478	0.434485	0.490102	-2.04039	0.000867477	0.0114537	-87.308	0.743545	0.745584	-1.34123	0.419044	2.09258	2.09258	0.757486	0.758064	-1.31915	3.38843	42.9186	11.2589	1
cg24935976	CETN1	0.000338062	0.252058	0.859917	-1.1629	0.00188634	1.7431	1.7431	0.812042	0.970399	-1.0305	0.0795219	0.782321	-1.27825	0.57145	0.930405	-1.0748	0.151271	0.823686	-1.21405	0.00408995	1.62575	1.62575	0.622389	1.06461	1.06461	1.51E-05	0.322513	-3.10065	15.9203	4.01157	0.223982	1
cg11815008	CETN1	0.012802	0.162476	0.634136	-1.57695	0.917814	1.03203	1.03203	0.0656032	0.531982	-1.87976	0.396397	0.766996	-1.30379	0.0871287	0.561578	-1.7807	0.0692962	0.537554	-1.86028	0.000777368	0.211575	-4.72645	0.0451217	0.495508	-2.01813	0.00271914	0.282365	-3.54152	5.45741	8.06424	1.31348	1
cg06490951	CETN1	0.0186479	0.789607	0.962378	-1.03909	0.00872082	1.61482	1.61482	0.102914	0.774257	-1.29156	0.158406	1.24137	1.24137	0.588697	1.08143	1.08143	0.492884	0.90496	-1.10502	0.00175326	1.89548	1.89548	0.556672	0.918284	-1.08899	0.406863	0.88544	-1.12938	4.8174	1.56889	0.289487	1
cg26738010	CETN1	0.0330281	0.0136765	0.351608	-2.84408	0.0108643	0.334132	-2.99283	0.291994	0.687454	-1.45464	0.507768	0.794282	-1.259	0.00736146	0.306076	-3.26717	0.285837	0.6839	-1.4622	0.00906398	0.320846	-3.11676	0.159621	0.597437	-1.67382	0.149922	0.589143	-1.69738	3.94885	7.34786	1.65401	1
cg20731110	CETN1	0.0425913	0.230457	0.748567	-1.33589	0.0128481	2.03643	2.03643	0.0253989	0.542482	-1.84338	0.625335	0.8929	-1.11995	0.185113	1.38195	1.38195	0.30855	0.784587	-1.27456	0.0529598	1.65909	1.65909	0.88961	0.968538	-1.03248	0.329879	0.793378	-1.26043	3.5986	3.01993	0.745952	1
cg04646860	CETN2	0.000368959	0.00311412	0.348704	-2.86776	0.095253	0.62028	-1.61217	0.0231457	0.492895	-2.02883	0.0127964	0.446789	-2.2382	0.001505	0.30374	-3.29229	0.122083	0.646225	-1.54745	6.73E-06	0.0739192	-13.5283	0.266114	0.739405	-1.35244	0.00214613	0.325249	-3.07457	15.5422	16.7101	0.955688	1
cg22621982	CETN3	0.00228471	0.338488	0.765011	-1.30717	0.0367171	1.93262	1.93262	0.306843	1.3327	1.3327	0.00023952	0.191894	-5.21122	0.590698	0.862947	-1.15882	0.0110858	0.421176	-2.3743	0.271331	1.36465	1.36465	0.0278055	2.02576	2.02576	0.0247511	2.06625	2.06625	9.27411	10.8261	1.03764	1
cg20713816	CETN3	0.00467972	0.924766	0.9858	-1.0144	0.00740428	1.6861	1.6861	0.711813	1.05779	1.05779	0.565282	0.915746	-1.09201	0.0175663	0.645628	-1.54888	0.00346327	0.548301	-1.82382	0.00106909	0.480945	-2.07924	0.446633	1.12463	1.12463	0.855905	0.972852	-1.02791	7.48812	2.71909	0.322773	1
cg14993293	CETN3;CETN3	0.0327271	0.736718	1.08864	1.08864	0.00771394	2.36683	2.36683	0.801341	1.06551	1.06551	0.106446	0.641653	-1.55848	0.12808	1.51295	1.51295	0.00701962	2.4045	2.4045	0.153531	0.680704	-1.46907	0.958272	1.01326	1.01326	0.762247	1.07936	1.07936	3.96185	3.97514	0.89187	1
cg03186069	CETP	0.00115737	0.34802	1.14366	1.14366	0.00150174	1.88817	1.88817	0.0727238	1.32068	1.32068	0.332207	1.1491	1.1491	0.000855492	0.498639	-2.00546	0.0571629	1.34846	1.34846	0.00219966	1.81558	1.81558	0.00428336	1.70034	1.70034	0.0727801	0.757236	-1.32059	11.2877	3.45059	0.27173	1
cg04125710	CETP	0.00158918	0.0304081	0.709977	-1.4085	0.550856	1.08463	1.08463	2.34E-05	0.320561	-3.11953	0.919537	1.0137	1.0137	0.00828893	0.634831	-1.57522	0.177291	0.824454	-1.21292	0.0380841	0.723504	-1.38216	0.191521	0.830151	-1.2046	0.290583	0.862734	-1.15911	10.3066	2.95822	0.255131	1
cg04232615	CETP	0.00677029	0.00429574	6.77115	6.77115	0.018822	4.15915	4.15915	0.153562	2.14965	2.14965	0.0530625	3.00703	3.00703	0.694819	0.820796	-1.21833	0.00224141	8.52705	8.52705	0.00666838	5.82994	5.82994	0.00201904	8.85882	8.85882	0.152334	2.15527	2.15527	6.68422	26.5563	3.53154	1
cg04784327	CETP	0.0230186	0.0228023	3.47243	3.47243	0.0351407	3.06877	3.06877	0.358706	1.5391	1.5391	0.151731	2.01712	2.01712	0.570161	1.29976	1.29976	0.00599794	5.15898	5.15898	0.00319043	6.29399	6.29399	0.0156549	3.87171	3.87171	0.228992	1.78029	1.78029	4.4836	14.8227	2.93865	1
cg02254551	CETP	0.0389545	0.15775	2.02567	2.02567	0.127717	2.15899	2.15899	0.64285	1.24388	1.24388	0.594663	1.28528	1.28528	0.997434	0.998498	-1.0015	0.0316922	3.24464	3.24464	0.00254244	7.07987	7.07987	0.0098449	4.5934	4.5934	0.355762	1.55881	1.55881	3.71917	12.8646	3.07465	1
cg12564453	CETP;CETP	0.0178609	0.0321765	0.384777	-2.5989	0.244757	1.58911	1.58911	0.218024	0.610647	-1.63761	0.064449	0.453511	-2.20502	0.00783171	0.272769	-3.66611	0.0272962	0.370021	-2.70255	0.00485311	0.241296	-4.14429	0.42137	0.731498	-1.36706	0.0158403	0.32466	-3.08014	4.88785	11.2167	2.03984	1
cg25734035	CFB	2.83E-07	0.461701	1.11031	1.11031	1.95E-08	0.0511839	-19.5374	1.32E-05	0.279311	-3.58024	7.40E-06	0.251916	-3.96958	2.11E-07	0.111459	-8.97194	0.0466452	0.727502	-1.37457	4.46E-06	0.228887	-4.36897	0.0463712	1.37527	1.37527	2.14E-05	0.302886	-3.30158	101.087	31.2206	0.274533	1
cg01143314	CFB	1.73E-05	0.322913	0.830032	-1.20477	0.726033	0.93783	-1.06629	0.91175	1.02043	1.02043	0.745875	0.942395	-1.06113	3.32E-07	0.0669047	-14.9466	0.0360177	0.640839	-1.56045	1.11E-05	0.181741	-5.50235	0.908871	0.979325	-1.02111	0.379145	0.848217	-1.17894	35.1829	18.5493	0.468644	1
cg23346801	CFB	0.000202095	0.000678562	0.215172	-4.64744	0.859316	0.948877	-1.05388	0.00157443	0.261132	-3.82948	0.908386	1.03464	1.03464	5.74E-05	0.109936	-9.09618	0.143237	0.627946	-1.59249	0.000338456	0.181151	-5.52025	0.000157391	0.147726	-6.76931	0.000313873	0.177674	-5.6283	18.3193	25.3836	1.23166	1
cg17335741	CFB	0.00286132	0.00195917	0.29017	-3.44626	0.204338	0.68482	-1.46024	0.0423189	0.516328	-1.93675	0.0151736	0.430373	-2.32357	0.00105717	0.254394	-3.93091	0.0150457	0.429715	-2.32712	0.000236913	0.178807	-5.59263	0.0793921	0.576722	-1.73394	0.192026	0.676827	-1.47748	8.67912	10.9816	1.1247	1
cg12124018	CFB	0.003081	0.733935	0.894495	-1.11795	0.00635812	0.313234	-3.1925	0.132586	0.588386	-1.69957	0.00320485	0.268521	-3.72411	0.00010001	0.104846	-9.53777	0.0671062	0.511368	-1.95554	0.0365419	0.451988	-2.21245	0.727014	1.12136	1.12136	0.378209	0.744179	-1.34376	8.49067	14.3622	1.50358	1
cg21606287	CFB	0.00318153	0.561338	1.14528	1.14528	0.348851	0.800318	-1.2495	0.508553	0.856506	-1.16753	0.544935	1.15201	1.15201	7.63E-05	0.190848	-5.23977	0.110364	1.49459	1.49459	0.499596	0.85361	-1.17149	0.465508	1.18713	1.18713	0.0089569	0.464042	-2.15498	8.40994	7.10482	0.750944	1
cg26944130	CFB	0.00320823	0.0793764	0.811421	-1.23241	0.745298	1.0356	1.0356	0.234149	1.1432	1.1432	0.135855	1.18823	1.18823	0.101313	0.824878	-1.2123	0.000991976	1.69045	1.69045	0.000407549	1.82704	1.82704	0.238951	0.876042	-1.1415	0.764223	1.03281	1.03281	8.38903	1.52988	0.162104	1
cg04945153	CFB	0.00653629	0.000889247	0.114216	-8.75537	0.00129324	0.129611	-7.71541	0.0225104	0.303906	-3.29049	0.0084324	0.230809	-4.33259	0.0835669	0.434004	-2.30413	0.105234	0.462333	-2.16294	0.213664	0.565136	-1.76949	0.0077037	0.224873	-4.44695	0.239401	0.58453	-1.71078	6.75769	20.3297	2.67411	1
cg21092021	CFB	0.00658333	0.0291343	0.432355	-2.31292	0.209345	1.53962	1.53962	0.206786	0.647761	-1.54378	0.151015	1.65181	1.65181	0.000614947	0.179062	-5.58465	0.0678925	1.94821	1.94821	0.03971	2.17189	2.17189	0.312522	1.40594	1.40594	0.779739	1.09574	1.09574	6.74266	11.3582	1.49736	1
cg01291920	CFB	0.00933096	0.0367034	0.351558	-2.84448	0.000678849	0.106782	-9.36491	0.0273141	0.324732	-3.07947	0.162072	0.525725	-1.90214	0.00258702	0.16555	-6.04047	0.0308817	0.335639	-2.97939	0.111945	0.474487	-2.10754	0.576739	0.784376	-1.2749	0.0224128	0.307829	-3.24855	6.04264	17.7536	2.6116	1
cg03971227	CFB	0.0258272	0.0109763	0.148663	-6.72663	0.319589	0.54103	-1.84833	0.0296175	0.216665	-4.61542	0.133917	0.380826	-2.62587	0.00618973	0.118585	-8.43274	0.140834	0.388274	-2.5755	0.0067782	0.122979	-8.13149	0.0642939	0.288937	-3.46096	0.0282442	0.21286	-4.69793	4.30809	24.3372	5.0215	1
cg08956226	CFB;CFB	2.10E-05	1.23E-05	0.16074	-6.22122	0.0181368	0.566034	-1.76668	0.633129	1.10008	1.10008	6.74E-05	0.235171	-4.25222	9.46E-05	0.251653	-3.97372	0.000144589	0.273014	-3.66282	1.99E-06	0.0973252	-10.2748	0.0572117	0.652651	-1.53221	0.0345561	0.613334	-1.63043	33.4378	20.8337	0.55383	1
cg22670819	CFB;CFB	0.0120656	0.00130883	0.16752	-5.96944	0.0652422	0.453703	-2.20409	0.0144341	0.316255	-3.162	0.0168404	0.32837	-3.04535	0.00546332	0.247737	-4.03655	0.0504355	0.426818	-2.34292	0.0221068	0.350689	-2.85153	0.127638	0.533121	-1.87575	0.039906	0.403762	-2.47671	5.56364	12.8479	2.05268	1
cg08091707	CFD	1.88E-05	0.000110813	0.182478	-5.4801	1.80E-05	0.111921	-8.9349	0.00132832	0.311109	-3.21431	0.00748574	0.422645	-2.36605	0.000119097	0.185695	-5.38516	0.00117062	0.303684	-3.29289	2.02E-06	0.0533063	-18.7595	1.45E-05	0.104735	-9.54794	0.000945263	0.291338	-3.43244	34.4292	34.1197	0.880899	1
cg02534744	CFD	2.31E-05	8.14E-05	0.286979	-3.48457	0.00973895	1.77599	1.77599	0.0153336	1.6868	1.6868	0.225058	1.25088	1.25088	0.0185236	1.65154	1.65154	0.00914923	1.78881	1.78881	1.94E-05	0.21809	-4.58527	1.24E-05	5.04146	5.04146	0.301926	1.20669	1.20669	32.6098	15.939	0.434471	1
cg14273126	CFD	0.000155114	0.000113224	0.174761	-5.72211	0.000389869	0.233443	-4.28369	0.00928113	0.427708	-2.33804	0.0555408	0.572198	-1.74765	7.67E-05	0.158244	-6.31935	0.192982	0.701546	-1.42542	3.63E-05	0.129146	-7.74316	0.000458852	0.241877	-4.13434	0.00277964	0.346064	-2.88964	19.6782	20.6315	0.931947	1
cg15065854	CFD	0.000188219	0.0677685	1.59746	1.59746	0.000280083	0.256608	-3.89699	0.164518	0.712109	-1.40428	0.0808824	0.642018	-1.55759	0.000213447	0.242713	-4.12009	0.00282258	0.389968	-2.56431	1.37E-05	0.124875	-8.00802	0.00896266	0.467215	-2.14034	0.0221036	0.533517	-1.87435	18.6759	15.5027	0.73786	1
cg20974196	CFD	0.000700066	0.00152332	0.130525	-7.6614	0.000116111	0.0491147	-20.3605	0.0439193	0.355934	-2.80951	0.0593666	0.38693	-2.58445	0.00188009	0.139964	-7.14471	0.0386917	0.343648	-2.90995	0.000178391	0.0588746	-16.9852	0.00186806	0.139669	-7.15981	0.0047207	0.187368	-5.3371	13.0106	41.0093	2.80177	1
cg02813298	CFD	0.000740024	0.00261765	0.361134	-2.76905	0.0235304	1.93694	1.93694	0.00145929	3.07545	3.07545	0.81137	0.943239	-1.06018	0.00199013	0.34401	-2.90689	0.00738586	0.430133	-2.32486	0.0534962	0.585075	-1.70918	0.00579102	2.41938	2.41938	0.0598681	0.595159	-1.68022	12.8096	12.119	0.840969	1
cg12505153	CFD	0.00111616	0.00214425	0.145566	-6.86974	0.000338049	0.0756078	-13.2262	0.0797915	0.419375	-2.3845	0.0646785	0.395527	-2.52827	0.00184637	0.138599	-7.21504	0.051152	0.37057	-2.69854	0.000189049	0.0599679	-16.6756	0.00177932	0.136915	-7.30379	0.015486	0.265149	-3.77146	11.4048	36.088	2.81269	1
cg13539395	CFD	0.00161168	0.00541114	0.157227	-6.36025	0.00431027	0.145332	-6.88081	0.0167235	0.228529	-4.37581	0.183378	0.489985	-2.04088	0.00327506	0.131928	-7.5799	0.0645287	0.350139	-2.85601	0.000107991	0.0317621	-31.4841	0.00191756	0.108586	-9.2093	0.00632262	0.165805	-6.03118	10.2648	41.5206	3.5955	1
cg19279342	CFD	0.00224957	0.0439532	0.425665	-2.34927	0.000854507	6.34844	6.34844	0.340501	0.696007	-1.43677	0.0524561	2.25599	2.25599	0.240162	0.635262	-1.57415	0.27778	1.51648	1.51648	0.00986969	0.3003	-3.33	0.0020038	4.99716	4.99716	0.124969	0.541879	-1.84543	9.31632	20.0826	1.91612	1
cg22092521	CFD	0.00517476	0.0139587	0.323389	-3.09225	0.051943	0.439466	-2.27549	0.0185811	0.346079	-2.88952	0.620261	0.83052	-1.20406	0.00909802	0.291659	-3.42866	0.00809415	0.283424	-3.52828	0.0006487	0.143029	-6.99157	0.00315467	0.223134	-4.48162	0.0158556	0.333342	-2.99992	7.26195	15.8989	1.94608	1
cg16601385	CFD	0.00522674	0.227075	0.521736	-1.91668	0.00940419	0.184693	-5.41439	0.0225766	0.24634	-4.05943	0.280981	0.562771	-1.77692	0.0148522	0.214959	-4.65205	0.182311	0.483758	-2.06715	0.000257672	0.0456838	-21.8896	0.0048368	0.146999	-6.80277	0.0138215	0.209935	-4.76338	7.23978	30.1785	3.70527	1
cg02447462	CFD	0.012089	0.0183398	0.0835535	-11.9684	0.015624	0.0764824	-13.0749	0.042579	0.132008	-7.57529	0.166821	0.278515	-3.59047	0.00827314	0.0534818	-18.698	0.0328613	0.114791	-8.71149	0.00133024	0.0174718	-57.235	0.017111	0.0804225	-12.4343	0.0337734	0.116502	-8.58357	5.56015	66.2331	10.5885	1
cg08164326	CFD	0.0398732	0.0170186	0.390977	-2.55769	0.0849976	0.540805	-1.8491	0.498964	0.801297	-1.24798	0.0040382	0.287558	-3.47756	0.103883	0.563301	-1.77525	0.110703	0.570672	-1.75232	0.0190656	0.400178	-2.49889	0.310719	0.712822	-1.40287	0.040943	0.467001	-2.14132	3.68745	6.08352	1.46648	1
cg08828286	CFD;CFD	0.00756251	0.336662	0.661175	-1.51246	0.0116042	0.267705	-3.73545	0.038331	0.366987	-2.72489	0.0977439	0.468243	-2.13564	0.00433948	0.203513	-4.9137	0.429032	0.713775	-1.401	0.000551889	0.106481	-9.39131	0.00893291	0.249285	-4.01147	0.0261523	0.332195	-3.01028	6.45719	17.839	2.4557	1
cg08627569	CFDP1	0.00177484	0.960987	0.987506	-1.01265	0.000228504	0.207256	-4.82496	0.011714	0.445089	-2.24674	0.715802	1.09854	1.09854	0.000538035	0.25062	-3.9901	0.0828051	0.610336	-1.63844	0.259821	1.35273	1.35273	0.770226	1.07819	1.07819	0.00574463	0.394339	-2.53589	9.98245	10.4452	0.930091	1
cg09270247	CFDP1	0.00408125	0.776299	0.902098	-1.10853	0.0171215	0.349604	-2.86038	0.0137604	0.332387	-3.00854	0.629608	0.838824	-1.19215	0.602773	0.827048	-1.20912	0.479057	0.770857	-1.29726	0.0397359	0.423179	-2.36307	0.0515258	0.448611	-2.2291	0.000365403	7.88584	7.88584	7.80502	16.1692	1.84145	1
cg26853064	CFDP1	0.00589622	0.0447399	0.458795	-2.17962	0.0211059	0.39147	-2.55448	0.144272	0.588375	-1.6996	0.851543	0.93861	-1.06541	0.00139627	0.208951	-4.78581	0.27177	0.679183	-1.47236	0.000580714	0.165412	-6.04552	0.317129	0.704897	-1.41865	0.00466391	0.280203	-3.56884	6.97662	12.6353	1.60986	1
cg03011941	CFDP1	0.0144473	0.0543051	0.462409	-2.16259	0.00340933	0.245214	-4.07807	0.00800261	0.301078	-3.3214	0.553465	0.80919	-1.2358	0.0740485	0.495025	-2.0201	0.189006	0.611713	-1.63475	0.117391	0.548433	-1.82338	0.0236225	0.385003	-2.59738	0.0497394	2.20465	2.20465	5.24531	10.3634	1.75622	1
cg00770784	CFDP1	0.0349682	0.346061	0.571336	-1.75028	0.717184	0.81071	-1.23349	0.293172	0.533092	-1.87585	0.589338	0.730245	-1.3694	0.200298	0.458216	-2.18238	0.223055	0.4778	-2.09293	0.0170457	0.186761	-5.35444	0.00399276	0.107297	-9.31994	0.0410848	3.89499	3.89499	3.8684	20.3883	4.68485	1
cg10425698	CFDP1	0.036572	0.958987	1.02451	1.02451	0.241666	0.56148	-1.78101	0.3204	0.616599	-1.6218	0.356931	0.640042	-1.5624	0.416602	0.676381	-1.47846	0.16024	0.493336	-2.02702	0.0244425	0.282901	-3.53481	0.0368895	0.319309	-3.13177	0.00682034	5.21053	5.21053	3.80596	13.3698	3.12255	1
cg08001742	CFDP1	0.0399082	0.570773	0.893118	-1.11967	0.540337	0.884879	-1.1301	0.438745	0.85571	-1.16862	0.156624	1.34843	1.34843	0.0794116	1.46839	1.46839	0.819822	1.04604	1.04604	0.0160418	0.559052	-1.78874	0.126733	0.721871	-1.38529	0.0141715	1.81694	1.81694	3.68625	2.27269	0.548027	1
cg05922384	CFH	0.0110787	0.0978466	0.327501	-3.05343	0.207015	0.44134	-2.26583	0.0117098	0.144296	-6.9302	0.992895	0.994542	-1.00549	0.000985985	0.0492857	-20.2898	0.00713056	0.118117	-8.46621	0.024983	0.194081	-5.15249	0.578306	1.41219	1.41219	0.0455053	0.244205	-4.09492	5.71937	34.2223	5.31873	1
cg18436810	CFH;CFH	0.00168476	0.00300122	1.8609	1.8609	0.00433515	1.78929	1.78929	0.000407278	2.35659	2.35659	0.291436	1.18182	1.18182	0.0223999	0.658681	-1.51818	0.889813	1.02138	1.02138	0.24548	1.20368	1.20368	0.00115018	2.07328	2.07328	0.103356	1.31241	1.31241	10.1341	3.73793	0.327862	1
cg23557926	CFH;CFH	0.00229894	0.0852856	0.428836	-2.3319	0.00354306	0.172189	-5.80758	0.00697405	0.21156	-4.72679	0.00456013	0.186138	-5.37234	0.000402973	0.0817622	-12.2306	0.0471102	0.363794	-2.74881	0.00105022	0.115596	-8.65082	0.705395	0.844482	-1.18416	0.00440615	0.184191	-5.42915	9.25724	29.0399	2.78844	1
cg07209298	CFHR1	0.000415424	0.401268	1.1915	1.1915	0.400712	1.19175	1.19175	0.00201932	0.411387	-2.4308	0.00652069	0.486299	-2.05635	7.02E-05	0.227701	-4.39173	0.000695766	0.348138	-2.87242	0.000632358	0.342685	-2.91814	0.131072	1.39442	1.39442	0.0454821	0.626371	-1.5965	15.0424	9.90875	0.585531	1
cg09753006	CFHR2	0.0240285	0.0177209	0.269223	-3.7144	0.82086	0.90195	-1.10871	0.019251	0.275731	-3.62672	0.00991644	0.227131	-4.40274	0.0298622	0.312601	-3.19896	0.377567	0.662353	-1.50977	0.00923847	0.22239	-4.49661	0.64932	0.811971	-1.23157	0.0142043	0.252479	-3.96073	4.41758	14.4844	2.9145	1
cg04614339	CFHR3;CFHR3	0.00518463	0.0920927	0.742715	-1.34641	0.852741	0.970632	-1.03026	0.00256748	0.51135	-1.95561	0.843482	0.968787	-1.03222	0.000617425	0.429345	-2.32913	0.761899	0.952422	-1.04995	0.358642	1.16348	1.16348	0.018652	1.57999	1.57999	0.126794	0.767263	-1.30333	7.25772	2.95784	0.362261	1
cg11348583	CFHR3;CFHR3	0.00543177	0.24457	0.683333	-1.46342	0.702837	0.887014	-1.12738	0.614509	0.853123	-1.17216	0.000309605	0.160265	-6.23968	0.0201096	0.416007	-2.40381	0.0591716	1.94721	1.94721	0.00874951	0.351811	-2.84244	0.874295	0.951683	-1.05077	0.0276324	0.442827	-2.25822	7.15491	11.0873	1.37743	1
cg10627839	CFHR4	0.028713	0.499248	0.589177	-1.69728	0.876554	1.12738	1.12738	0.0333526	6.80734	6.80734	0.035757	6.58353	6.58353	0.546691	1.60072	1.60072	0.446729	0.549816	-1.81879	0.0151157	0.100003	-9.99972	0.14416	3.35394	3.35394	0.0173048	9.35639	9.35639	4.1508	39.1084	8.37501	1
cg26049187	CFHR5	0.000750784	0.00290223	0.362216	-2.76078	0.488499	0.839811	-1.19074	0.000136708	0.19457	-5.13953	0.000305778	0.233446	-4.28365	0.471081	0.833701	-1.19947	0.390601	1.24388	1.24388	0.327976	1.28466	1.28466	0.389943	1.24427	1.24427	0.00161224	0.325703	-3.07029	12.7578	12.4352	0.866409	1
cg25840094	CFHR5	0.0411302	0.0119777	0.0894625	-11.1779	0.0916937	0.239334	-4.17827	0.0628903	0.199626	-5.00936	0.566134	0.639802	-1.56298	0.00539708	0.0595898	-16.7814	0.12707	0.280654	-3.56311	0.0760416	0.218671	-4.57308	0.966664	0.968332	-1.0327	0.0258988	0.130485	-7.66373	3.64546	34.2335	8.3473	1
cg07348723	CFI	0.00167967	0.672751	0.910482	-1.09832	0.0500262	0.6106	-1.63773	0.000933536	0.33605	-2.97575	0.000268188	0.267129	-3.74351	0.000554878	0.306408	-3.26362	0.0574408	0.62228	-1.60699	0.00213882	0.385912	-2.59126	0.289285	0.784418	-1.27483	0.124839	0.692972	-1.44306	10.143	7.82806	0.686017	1
cg06834035	CFI	0.00769737	0.212783	1.30988	1.30988	0.222617	1.30167	1.30167	0.00579883	0.47548	-2.10314	0.0507271	0.63259	-1.5808	0.00060083	0.336612	-2.97078	0.343288	1.22242	1.22242	0.333912	0.814634	-1.22754	0.299516	0.801571	-1.24755	0.0782033	0.668637	-1.49558	6.42149	4.30371	0.595737	1
cg11042866	CFL1	0.000238493	0.664014	0.884575	-1.13049	0.613896	1.15346	1.15346	0.23653	1.41631	1.41631	0.615024	0.86736	-1.15292	2.24E-06	0.0389501	-25.6739	0.470035	0.813636	-1.22905	0.0507996	0.535558	-1.86721	0.51585	0.831201	-1.20308	0.297776	1.35377	1.35377	17.5133	21.8428	1.10863	1
cg08425745	CFL1	0.000755128	5.06E-05	0.359296	-2.78322	0.115653	1.25917	1.25917	0.00536253	0.610099	-1.63908	0.234292	0.845346	-1.18295	0.461715	1.10624	1.10624	0.260874	0.853837	-1.17118	0.00024207	0.441269	-2.26619	0.237511	0.846411	-1.18146	0.982268	1.003	1.003	12.7371	3.66307	0.255635	1
cg05072552	CFL1	0.00665072	0.507274	0.855617	-1.16875	0.000824416	3.2148	3.2148	0.00379474	2.47214	2.47214	0.220376	1.34805	1.34805	0.0342812	0.564155	-1.77256	0.234903	1.33453	1.33453	0.77867	0.936778	-1.06749	0.21124	1.35702	1.35702	0.152353	0.70092	-1.4267	6.72136	5.71914	0.756347	1
cg06443583	CFL1	0.043308	0.861269	0.952913	-1.04941	0.0711616	1.76015	1.76015	0.0581974	1.82512	1.82512	0.0164062	0.433864	-2.30487	0.76242	0.919776	-1.08722	?	?	?	0.0226499	0.461055	-2.16894	0.824351	1.06322	1.06322	0.743611	1.09476	1.09476	3.95113	4.13878	0.916555	1
cg02715140	CFL1;CFL1	0.0093109	0.04298	0.590608	-1.69317	0.205857	1.35221	1.35221	0.388958	0.819034	-1.22095	0.000421437	0.282658	-3.53785	0.227039	0.750691	-1.33211	0.542919	0.870015	-1.14941	0.562628	0.876035	-1.14151	0.0225009	1.85514	1.85514	0.848036	0.957551	-1.04433	6.04677	4.89602	0.719726	1
cg13828873	CFL2;CFL2;CFL2;CFL2;CFL2	0.00120032	0.171868	0.756604	-1.3217	0.000201667	3.30676	3.30676	0.000311378	3.06974	3.06974	0.0156422	1.76529	1.76529	0.724042	1.07035	1.07035	0.114183	0.719255	-1.39033	0.080868	1.44952	1.44952	0.0400433	1.5763	1.5763	0.0109945	1.84384	1.84384	11.1709	6.50694	0.517768	1
cg22857553	CFL2;CFL2;CFL2;CFL2;CFL2	0.0113851	0.260775	0.643776	-1.55334	0.19102	0.594601	-1.6818	0.312824	1.47995	1.47995	0.0337788	0.394252	-2.53645	0.0647425	0.458889	-2.17918	0.955488	0.979259	-1.02118	0.29988	1.49691	1.49691	0.000976179	0.158535	-6.30777	0.00542922	0.253157	-3.95012	5.66923	12.6593	1.98488	1
cg14151166	CFLAR	0.00397507	0.678176	1.09707	1.09707	0.0219105	0.54307	-1.84138	0.0678834	0.635059	-1.57466	0.284657	1.27986	1.27986	0.000321847	0.274698	-3.64037	0.00489802	0.436985	-2.28841	0.0655841	1.58218	1.58218	0.677503	0.911326	-1.0973	0.469826	1.17734	1.17734	7.8673	6.1421	0.693966	1
cg10947827	CFLAR;CFLAR	0.000403653	0.000150849	0.078956	-12.6653	0.0365152	2.58179	2.58179	0.0621976	0.440718	-2.26903	0.535004	0.78255	-1.27787	0.000317566	0.102718	-9.73538	0.104043	0.499759	-2.00097	0.000871302	0.142398	-7.02258	0.000689687	0.132396	-7.5531	0.00160394	0.170975	-5.8488	15.1621	36.5752	2.14424	1
cg03974286	CFLAR;CFLAR	0.000519724	5.99E-05	0.181012	-5.5245	0.176386	1.39255	1.39255	0.16223	0.709079	-1.41028	0.0934587	0.653729	-1.52969	0.00053233	0.288691	-3.46391	0.506951	0.856317	-1.16779	0.00304164	0.392418	-2.5483	0.00057068	0.292533	-3.41841	0.00296772	0.390843	-2.55857	14.1379	11.8852	0.747254	1
cg01779076	CFLAR;CFLAR	0.000882877	0.000251464	0.447372	-2.23527	0.062497	1.32224	1.32224	0.0460653	0.737436	-1.35605	0.2721	0.858719	-1.16453	0.000169212	0.426371	-2.34538	0.192087	0.831958	-1.20198	0.00877124	0.640977	-1.56012	0.00194626	0.557723	-1.793	0.0124	0.660535	-1.51392	12.1887	3.42693	0.249918	1
cg23457862	CFLAR;CFLAR;CFLAR	0.00421355	0.0193684	0.28878	-3.46285	0.00091113	8.83183	8.83183	0.00423774	5.37417	5.37417	0.068234	2.45197	2.45197	0.282456	0.612255	-1.63331	0.0294728	3.08398	3.08398	0.291975	0.618605	-1.61654	0.373953	0.669722	-1.49316	0.624795	0.80532	-1.24174	7.73017	23.6233	2.71643	1
cg12944530	CFLAR;CFLAR;CFLAR	0.00771482	0.00580165	0.131673	-7.59454	0.00266882	10.2803	10.2803	0.226348	2.03953	2.03953	0.319651	1.78066	1.78066	0.43406	0.639009	-1.56492	0.0747402	3.04555	3.04555	0.202001	0.469618	-2.12939	0.042366	0.269361	-3.71249	0.0687329	0.318861	-3.13616	6.41693	31.9908	4.43145	1
cg16198734	CFLAR;CFLAR;CFLAR	0.00974677	0.120622	0.858847	-1.16435	0.050613	0.817631	-1.22305	0.00341688	0.697966	-1.43274	0.777853	1.0259	1.0259	0.00278326	0.688867	-1.45166	0.0214205	0.778923	-1.28382	0.0624762	1.20867	1.20867	0.520671	1.06062	1.06062	0.897616	0.988431	-1.0117	5.95926	0.771132	0.115023	1
cg25567938	CFLAR;CFLAR;CFLAR	0.0150097	0.9122	0.977407	-1.02312	0.0389254	1.64097	1.64097	0.993	1.00182	1.00182	0.213762	0.762442	-1.31157	0.145564	1.38232	1.38232	0.116187	1.42436	1.42436	0.00120922	2.66961	2.66961	0.00537446	2.13704	2.13704	0.278492	1.26297	1.26297	5.17959	3.52131	0.604305	1
cg12163952	CFLAR;CFLAR;CFLAR	0.0438788	0.0323254	0.529333	-1.88917	0.964748	1.01128	1.01128	0.96382	0.988553	-1.01158	0.060496	0.584343	-1.71132	0.173942	0.692704	-1.44362	0.310236	1.3054	1.3054	0.00988431	0.437181	-2.28738	0.0108166	0.443749	-2.25352	0.536367	0.85306	-1.17225	3.55893	3.63144	0.907001	1
cg00681103	CFLAR;CFLAR;CFLAR;CFLAR	2.66E-05	0.059732	0.742975	-1.34594	4.62E-05	0.200809	-4.97986	0.000234665	0.317749	-3.14714	0.000290394	0.334111	-2.99302	3.59E-05	0.184481	-5.42062	?	?	?	1.36E-05	7.8428	7.8428	?	?	?	0.943125	1.00923	1.00923	124.27	23.2891	0.133862	1
cg11662177	CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13749508	CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02952729	CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01798375	CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13811328	CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26672162	CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09768234	CFP;CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21648502	CFP;CFP;CFP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09341015	CFTR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22467052	CFTR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05917537	CFTR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10844347	CFTR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12124767	CFTR	0.0108384	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11606570	CFTR	0.0164539	0.12841	0.735191	-1.36019	0.0924118	1.41437	1.41437	0.00414885	0.487076	-2.05307	0.228747	0.789429	-1.26674	0.531892	1.12584	1.12584	0.252153	1.25097	1.25097	0.00682173	1.92717	1.92717	0.255861	1.2486	1.2486	0.600541	0.905835	-1.10395	5.02397	2.78801	0.493281	1
cg22533025	CFTR	0.0308215	0.0131391	0.494263	-2.02322	0.00689649	0.448672	-2.2288	0.0441564	1.69868	1.69868	0.406661	1.21473	1.21473	0.547117	1.14984	1.14984	0.493584	1.17271	1.17271	0.836807	0.953836	-1.0484	0.267829	0.767589	-1.30278	0.166952	0.713453	-1.40163	4.04775	3.36632	0.739248	1
cg25509184	CFTR	0.0365496	0.0619336	4.80358	4.80358	0.00576327	14.8975	14.8975	0.0242787	7.42415	7.42415	0.190752	2.81321	2.81321	0.0308997	6.63312	6.63312	0.0342484	6.323	6.323	0.051233	5.24538	5.24538	0.0219086	7.79095	7.79095	0.113915	3.611	3.611	3.8068	33.6047	7.84669	1
cg08326209	CGA	0.00168681	0.052126	0.685064	-1.45972	0.00867145	0.563937	-1.77325	0.00607737	0.541542	-1.84658	0.37664	0.85613	-1.16805	0.000504291	0.394174	-2.53695	0.00541792	0.534389	-1.8713	0.000182918	0.338561	-2.95368	0.0578863	0.692743	-1.44354	0.00417614	0.518317	-1.92932	10.1306	4.70323	0.412676	1
cg07981495	CGA;CGA	0.00335346	0.0462507	1.32382	1.32382	0.184488	0.841202	-1.18877	0.0575715	0.768114	-1.30189	0.311859	0.879389	-1.13715	0.000177697	0.458221	-2.18235	0.0623984	1.29391	1.29391	0.248294	1.15982	1.15982	0.532817	0.925328	-1.0807	0.0206142	0.709969	-1.40851	8.27898	1.97886	0.212464	1
cg02981071	CGB	7.54E-05	0.0140911	0.689163	-1.45104	0.00617571	0.644827	-1.5508	0.00129621	0.562291	-1.77844	0.0412055	0.748754	-1.33555	0.00209565	0.587588	-1.70187	0.000301304	0.485763	-2.05862	1.23E-06	0.214978	-4.65164	0.00543335	0.638008	-1.56738	0.606641	0.938188	-1.06588	23.8705	5.70603	0.212481	1
cg00353916	CGB	0.0223682	0.0861139	0.534522	-1.87083	0.0588036	0.494119	-2.02381	0.0240244	0.411011	-2.43302	0.0782907	0.524098	-1.90804	0.0127537	0.359843	-2.77899	0.0151313	0.373125	-2.68007	0.00356766	0.271443	-3.68402	0.0412024	0.459347	-2.177	0.0285724	0.426024	-2.34729	4.52806	7.82414	1.53593	1
cg16033673	CGB1	0.0011946	0.0205631	0.613935	-1.62884	0.246697	0.8091	-1.23594	0.000744437	0.4085	-2.44798	0.926331	0.983958	-1.0163	0.00816312	0.553201	-1.80766	0.538643	0.89685	-1.11501	8.23E-05	0.2892	-3.45781	0.00282454	0.48713	-2.05284	0.327544	1.19332	1.19332	11.1862	5.41784	0.430518	1
cg19220091	CGB1	0.0130122	0.929203	1.01365	1.01365	0.00854609	0.599258	-1.66873	0.00838682	0.598125	-1.67189	0.152565	0.791486	-1.26345	0.00277967	0.532898	-1.87653	0.723499	0.947231	-1.05571	0.00540351	0.571868	-1.74866	0.561962	1.09361	1.09361	0.397462	0.87614	-1.14137	5.42848	2.0025	0.327901	1
cg24346124	CGB1;SNAR-G1;CGB1	6.01E-05	0.00095058	0.375168	-2.66547	0.0661064	0.66345	-1.50727	0.723169	1.07335	1.07335	0.907886	1.0233	1.0233	0.00051608	0.340141	-2.93996	0.174424	1.33313	1.33313	0.268206	1.25801	1.25801	1.13E-06	0.080783	-12.3788	0.119732	0.714632	-1.39932	25.3592	15.9097	0.557666	1
cg02355049	CGB1;SNAR-G1;CGB1	0.00200668	0.00918993	0.587682	-1.7016	0.161368	0.786326	-1.27174	0.909743	0.981939	-1.01839	0.990394	0.998067	-1.00194	0.244948	0.822445	-1.21589	0.0267516	1.5247	1.5247	0.131672	1.29893	1.29893	6.54E-05	0.30798	-3.24697	0.916092	1.01708	1.01708	9.63254	3.94062	0.36364	1
cg05331290	CGB2	1.63E-07	0.100373	1.19915	1.19915	0.000207921	0.534509	-1.87088	2.81E-06	0.322243	-3.10325	0.107217	1.19412	1.19412	0.00653998	1.42828	1.42828	0.0012232	0.620455	-1.61172	2.48E-09	0.0616083	-16.2316	0.00134267	0.624918	-1.60021	3.41E-05	0.445024	-2.24707	116.228	18.7395	0.143316	1
cg15981554	CGB2;CGB2;SNAR-G2	0.00407493	0.212644	0.71861	-1.39158	0.0217401	0.499849	-2.0006	0.867485	0.958834	-1.04293	0.0489195	1.7613	1.7613	0.156758	0.682992	-1.46414	0.00100786	3.41604	3.41604	0.00527775	2.52393	2.52393	0.108047	1.55486	1.55486	0.0842927	0.618319	-1.61729	7.80867	7.83696	0.89211	1
cg11177404	CGB2;SNAR-G2	0.0103668	0.26383	1.32567	1.32567	0.379422	1.24389	1.24389	0.142875	1.46397	1.46397	0.0054828	2.42033	2.42033	0.0654395	0.60623	-1.64954	0.0576475	1.68132	1.68132	0.0025829	0.363874	-2.7482	0.974678	0.992347	-1.00771	0.303222	1.29449	1.29449	5.84283	5.42113	0.824734	1
cg11380281	CGB2;SNAR-G2	0.0148979	0.025549	1.59159	1.59159	0.00806231	1.81199	1.81199	0.786686	0.9536	-1.04866	0.129566	1.33222	1.33222	0.00387861	0.505967	-1.97641	0.385885	0.855816	-1.16848	0.39278	0.857836	-1.16572	0.253897	0.811646	-1.23206	0.756522	0.946982	-1.05599	5.19241	2.52298	0.431909	1
cg20698253	CGB5	8.67E-06	0.00325311	0.512938	-1.94955	0.00191912	0.481517	-2.07677	3.93E-06	0.167577	-5.9674	0.000832674	0.433059	-2.30915	0.0601224	0.702719	-1.42304	7.92E-06	0.196422	-5.09108	4.71E-07	0.0947042	-10.5592	0.0600841	0.702672	-1.42314	0.0312464	0.656728	-1.5227	42.1028	18.4571	0.389674	1
cg04403474	CGB5	0.000509002	0.000750556	0.23816	-4.19886	0.00799304	0.385212	-2.59597	0.00369582	0.332554	-3.00703	0.00388409	0.3358	-2.97796	0.000430803	0.209515	-4.77292	0.0794081	0.579021	-1.72705	5.04E-05	0.118456	-8.44197	0.000790303	0.240931	-4.15057	0.0338098	0.498847	-2.00462	14.2199	17.7356	1.10865	1
cg11246630	CGB7	0.0291102	0.284599	1.2307	1.2307	0.608491	1.10129	1.10129	0.00280341	0.463433	-2.15781	0.947373	1.0124	1.0124	0.263034	1.24349	1.24349	0.0156546	0.575024	-1.73906	0.283581	1.23129	1.23129	0.723049	1.06871	1.06871	0.230686	1.26469	1.26469	4.13068	2.28173	0.491009	1
cg16529563	CGB7	0.0323162	0.00879319	0.479368	-2.08608	0.0632309	1.58473	1.58473	0.0772302	0.648599	-1.54178	0.591397	1.12685	1.12685	0.999303	0.999808	-1.00019	0.0618343	0.629093	-1.58959	0.745885	0.930847	-1.07429	0.809666	1.05462	1.05462	0.0316153	1.74259	1.74259	3.97984	3.06126	0.683726	1
cg25409448	CGB7;CGB7	0.0351772	0.0262734	0.650434	-1.53743	0.656447	0.929546	-1.07579	0.189111	0.796904	-1.25486	0.26988	0.82904	-1.20621	0.00301275	0.514957	-1.94191	0.341508	0.852192	-1.17344	0.0515354	0.696514	-1.43572	0.0185486	0.627569	-1.59345	0.0235999	0.643327	-1.55442	3.86007	1.628	0.374894	1
cg27040708	CGB8	0.00247503	0.000996242	0.138969	-7.19584	0.826869	0.915378	-1.09244	0.0128452	0.287314	-3.48051	0.00610343	0.235785	-4.24115	0.000785743	0.128858	-7.7605	0.00278622	0.189367	-5.28074	0.00163651	0.161908	-6.17633	0.0995556	0.482561	-2.07228	0.0898013	0.470082	-2.12729	9.05876	23.376	2.29377	1
cg12515942	CGB8	0.00968048	0.508139	1.10244	1.10244	0.00749088	0.606479	-1.64886	0.0031167	0.555814	-1.79916	0.169175	0.80833	-1.23712	0.00768643	0.607988	-1.64477	0.0226479	0.672712	-1.48652	0.00457571	0.577846	-1.73056	0.0340025	0.698024	-1.43262	0.495285	0.904303	-1.10582	5.97225	1.99613	0.297097	1
cg16242238	CGB8	0.010567	0.00488293	0.493037	-2.02824	0.0925402	0.704062	-1.42033	0.00399697	0.480317	-2.08196	0.0183542	0.581331	-1.72019	0.00232214	0.446529	-2.23949	0.0240501	0.600428	-1.66548	0.0350612	0.627847	-1.59274	0.0227802	0.59656	-1.67628	0.223682	0.784807	-1.2742	5.80707	3.30441	0.505807	1
cg19446264	CGB8	0.0120288	0.00536142	0.151325	-6.60829	0.507762	0.707505	-1.41342	0.0755853	0.361124	-2.76913	0.141835	0.443381	-2.25539	0.00462098	0.14362	-6.96282	0.0513443	0.319041	-3.1344	0.0011153	0.0843726	-11.8522	0.0448712	0.305587	-3.27239	0.0773707	0.363846	-2.74841	5.56917	23.388	3.73294	1
cg07500242	CGB8;CGB8	7.64E-06	0.784543	1.05033	1.05033	0.000953382	0.413848	-2.41634	0.000935004	0.412719	-2.42296	0.00603829	0.52587	-1.90161	1.39E-05	0.196882	-5.07918	0.0162704	0.590655	-1.69304	4.44E-07	0.0774366	-12.9138	3.02E-06	0.136341	-7.33453	0.00229886	0.46603	-2.14578	43.501	22.1224	0.452043	1
cg02371777	CGB8;CGB8	0.00573938	0.0166646	0.574618	-1.74029	0.0200132	0.587407	-1.7024	0.00187962	0.433656	-2.30597	0.018765	0.582888	-1.7156	0.00541065	0.499625	-2.0015	0.00101159	0.396749	-2.52048	0.017229	0.576931	-1.73331	0.0380125	0.633868	-1.57762	0.41274	0.853228	-1.17202	7.03481	4.00281	0.505779	1
cg21629842	CGB;CGB	0.00807508	0.0119013	0.218274	-4.58139	0.143843	0.467003	-2.14132	0.00641697	0.179209	-5.58009	0.0789774	0.38839	-2.57473	0.00464769	0.161165	-6.20482	0.0502622	0.338875	-2.95094	0.0148946	0.234095	-4.27178	0.000976209	0.0927121	-10.7861	0.0258264	0.277154	-3.60811	6.32552	23.552	3.30963	1
cg09706512	CGGBP1;CGGBP1	0.000133306	0.15985	0.84335	-1.18575	0.680773	1.04805	1.04805	0.707205	0.958098	-1.04373	0.00048727	0.537899	-1.85908	0.0700383	0.794709	-1.25832	0.119145	0.825422	-1.2115	2.67E-05	0.389985	-2.5642	0.0438462	0.768895	-1.30057	7.86E-06	0.32929	-3.03683	20.4978	4.17778	0.18117	1
cg10315347	CGGBP1;CGGBP1	0.00173782	0.00251572	0.160064	-6.2475	0.399418	1.43073	1.43073	0.0834257	2.23776	2.23776	0.000233411	0.0638849	-15.6531	0.205807	0.573073	-1.74498	0.00175852	0.141547	-7.0648	0.0384567	2.76075	2.76075	0.415588	0.707928	-1.41257	0.162298	0.536053	-1.86549	12.0271	31.9179	2.06409	1
cg05938316	CGGBP1;CGGBP1	0.00339203	0.109304	1.21326	1.21326	0.66379	0.952731	-1.04961	0.0879892	1.23178	1.23178	0.000969301	0.580618	-1.7223	0.168303	1.1765	1.1765	0.272412	1.13482	1.13482	0.00271724	0.632293	-1.58155	0.0367094	1.30827	1.30827	0.0416028	1.29705	1.29705	8.25075	1.60171	0.172559	1
cg25795197	CGGBP1;CGGBP1	0.0386445	0.198032	1.14919	1.14919	0.214086	1.14305	1.14305	0.247134	1.13166	1.13166	0.843466	1.02041	1.02041	0.301557	1.11561	1.11561	0.045327	0.790829	-1.2645	0.00328381	0.664006	-1.50601	0.466151	0.927001	-1.07875	0.536487	1.06607	1.06607	3.73009	0.61717	0.147073	1
cg15600987	CGN	0.00661487	?	?	?	0.295546	1.78537	1.78537	0.286319	1.807	1.807	0.0150496	0.202567	-4.93664	0.0371945	0.274581	-3.64191	0.000495968	0.0543173	-18.4104	0.282613	1.81592	1.81592	0.3447	1.68214	1.68214	0.468675	0.67438	-1.48284	6.87337	27.6286	4.01966	1
cg04404270	CGN	0.00693244	0.00513843	0.449962	-2.22241	0.079451	0.656623	-1.52294	0.0438434	0.606192	-1.64964	0.0437605	0.606038	-1.65006	0.000273837	0.275805	-3.62575	0.29388	0.790375	-1.26522	0.440578	1.18523	1.18523	0.74855	0.932869	-1.07196	0.763526	1.06737	1.06737	6.63514	4.90606	0.657249	1
cg07596668	CGN	0.0138109	0.759733	0.901916	-1.10875	0.0080852	0.319345	-3.13141	0.0023155	0.238789	-4.18779	0.00944731	0.33055	-3.02526	0.00352794	0.264146	-3.78579	0.133158	0.579706	-1.72501	0.381545	0.739309	-1.35262	0.339989	0.718239	-1.3923	0.0954099	0.539816	-1.85248	5.32361	9.54931	1.59446	1
cg25198049	CGN	0.0217907	0.228969	0.592183	-1.68867	0.180475	0.554215	-1.80435	0.00609232	0.226278	-4.41934	0.0358035	0.362882	-2.75572	0.00482444	0.211883	-4.71959	0.0925244	0.463804	-2.15608	0.0108161	0.264888	-3.77518	0.437004	1.38966	1.38966	0.11602	0.492181	-2.03177	4.56889	12.4627	2.42464	1
cg03011500	CGN	0.0227561	0.687797	1.07518	1.07518	0.018771	1.66691	1.66691	0.0169175	1.68677	1.68677	0.00952775	1.80267	1.80267	0.956085	1.00993	1.00993	0.334482	1.19556	1.19556	0.0372364	0.647957	-1.54331	0.203569	0.785986	-1.27229	0.628345	0.916192	-1.09147	4.50136	2.29567	0.45333	1
cg21157873	CGN	0.0327571	0.402752	0.884353	-1.13077	0.0115269	1.57381	1.57381	0.355794	1.14606	1.14606	0.0125975	1.5609	1.5609	0.862125	0.97536	-1.02526	0.0554881	1.36548	1.36548	0.018164	1.50934	1.50934	0.980382	0.996477	-1.00354	0.247138	0.840564	-1.18968	3.96055	1.29212	0.289998	1
cg10538486	CGNL1	6.40E-05	0.0138585	0.488303	-2.04791	9.48E-06	0.105287	-9.49784	0.00268106	0.375963	-2.65984	6.58E-05	0.177964	-5.61913	0.000625179	0.289374	-3.45574	0.0180196	0.507974	-1.9686	1.59E-05	0.122523	-8.16172	0.00517681	0.418936	-2.387	0.000481954	0.275092	-3.63515	24.9369	21.9453	0.782253	1
cg18600419	CGNL1	0.00767436	0.581143	0.902949	-1.10748	0.0384731	0.644492	-1.55161	0.000701705	0.388054	-2.57696	0.8352	1.0389	1.0389	0.0270901	0.619176	-1.61505	0.391473	1.17451	1.17451	0.00940869	1.8278	1.8278	0.437382	0.864903	-1.1562	0.54516	0.893881	-1.11872	6.42753	3.41671	0.47251	1
cg23059709	CGNL1	0.0080605	0.880804	1.05131	1.05131	0.950564	1.02089	1.02089	0.0622023	0.496557	-2.01387	0.978447	0.991032	-1.00905	0.00252853	0.247122	-4.04659	0.00422834	0.278858	-3.58605	0.0010619	0.199135	-5.02173	0.107242	0.556403	-1.79726	0.0696708	0.508384	-1.96702	6.32912	11.1459	1.56538	1
cg04483936	CGNL1	0.0146826	0.0592584	2.27693	2.27693	0.0504009	2.36714	2.36714	0.898756	1.05041	1.05041	0.501199	1.30184	1.30184	0.0178927	3.04034	3.04034	0.0722148	2.17116	2.17116	0.00076306	7.17393	7.17393	0.0186568	3.00935	3.00935	0.0264554	2.76418	2.76418	5.21743	12.3366	2.10177	1
cg16767221	CGNL1	0.0237621	0.0396596	0.626168	-1.59701	0.0322882	1.63774	1.63774	0.150918	0.738671	-1.35378	0.934094	1.01641	1.01641	0.0955148	0.697424	-1.43385	0.0321133	0.610189	-1.63884	0.0127585	1.83835	1.83835	0.878895	0.970441	-1.03046	0.525575	1.13494	1.13494	4.43466	2.71973	0.545145	1
cg01089516	CGNL1	0.0248792	0.0774357	1.8319	1.8319	0.0491871	1.99858	1.99858	0.306023	1.38659	1.38659	0.0594407	1.92739	1.92739	0.0141775	2.54295	2.54295	0.0314654	2.17735	2.17735	0.00216679	3.77085	3.77085	0.0280755	2.22568	2.22568	0.0510223	1.98461	1.98461	4.36458	6.57462	1.33898	1
cg21057613	CGNL1	0.0339556	0.0107483	0.207041	-4.82996	0.479357	1.2497	1.2497	0.0278787	3.03013	3.03013	?	?	?	0.92365	0.971607	-1.02922	0.0347352	2.76866	2.76866	?	?	?	0.799235	0.926032	-1.07988	0.108762	1.86956	1.86956	11.7622	10.4935	0.382344	1
cg02458689	CGREF1;CGREF1;CGREF1	0.00949744	0.00236105	0.300188	-3.33124	0.185966	1.48862	1.48862	0.35631	1.30888	1.30888	0.688125	1.12129	1.12129	0.000904637	0.244503	-4.08993	0.908227	1.03326	1.03326	0.18136	0.668606	-1.49565	0.636668	1.14453	1.14453	0.182682	0.669518	-1.49361	6.00871	7.65983	1.13314	1
cg05062694	CGREF1;CGREF1;CGREF1	0.0127687	0.0382111	0.320305	-3.12203	0.552874	0.75236	-1.32915	0.913034	0.94954	-1.05314	0.435806	0.686038	-1.45765	0.00057638	0.080076	-12.4881	0.0240431	0.279266	-3.58082	0.00455608	0.166836	-5.99392	0.178869	0.508221	-1.96765	0.198556	0.525208	-1.90401	5.46206	19.4324	3.1624	1
cg21368063	CGREF1;CGREF1;CGREF1	0.0128642	0.99918	1.00023	1.00023	0.105173	1.48633	1.48633	0.246913	1.3113	1.3113	0.35426	0.807885	-1.2378	0.0531124	0.611454	-1.63545	0.011437	2.0308	2.0308	0.118953	1.46055	1.46055	0.0109539	2.04357	2.04357	0.0135245	0.50449	-1.9822	5.44879	4.32405	0.705405	1
cg17682441	CGREF1;CGREF1;CGREF1	0.0474792	0.151697	0.543325	-1.84052	0.395786	0.707932	-1.41257	0.921475	0.961595	-1.03994	0.541739	0.782443	-1.27805	0.0182809	0.320578	-3.11937	0.310051	0.658884	-1.51772	0.00291707	0.197025	-5.07551	0.0215289	0.334016	-2.99387	0.15445	0.545853	-1.83199	3.45517	8.63265	2.22086	1
cg15001567	CGREF1;CGREF1;CGREF1;CGREF1	0.0104787	0.143532	0.636588	-1.57087	0.100025	0.595809	-1.67839	0.019187	0.442994	-2.25737	0.693298	0.892352	-1.12063	0.000446851	0.203624	-4.91101	0.00600023	0.356363	-2.80613	0.54869	0.839987	-1.19049	0.801213	1.07518	1.07518	0.0482303	0.522753	-1.91295	5.82273	7.61387	1.16232	1
cg10660909	CGREF1;CGREF1;CGREF1;CGREF1;CGREF1	0.000630456	0.873067	1.04128	1.04128	0.999144	0.999729	-1.00027	0.1523	1.47396	1.47396	0.455197	1.21221	1.21221	0.0168854	0.478339	-2.09057	0.325002	0.773258	-1.29323	8.60E-06	0.0864594	-11.5661	0.797226	1.06731	1.06731	0.0416105	0.551926	-1.81184	13.3974	13.5825	0.901165	1
cg18045575	CGREF1;CGREF1;CGREF1;CGREF1;CGREF1	0.0275366	0.0405458	0.590466	-1.69358	0.335785	1.24743	1.24743	0.054157	1.62711	1.62711	0.615866	1.11927	1.11927	0.110605	0.678916	-1.47294	0.771097	1.06714	1.06714	0.0886763	1.51939	1.51939	0.115653	1.46366	1.46366	0.00506209	2.28311	2.28311	4.21245	3.31014	0.698489	1
cg13833436	CGREF1;CGREF1;KHK;KHK	1.11E-05	0.000698209	0.519164	-1.92617	0.293808	1.14803	1.14803	2.26E-05	0.340776	-2.93448	0.00789445	1.54032	1.54032	5.33E-07	0.170753	-5.85641	0.000271283	0.469177	-2.13139	0.300322	1.14575	1.14575	0.926711	1.01173	1.01173	0.00611951	0.635372	-1.57388	39.498	10.0533	0.226247	1
cg02250044	CGRRF1	0.00128178	0.169651	0.690305	-1.44864	0.0435046	1.80063	1.80063	0.0294416	1.91499	1.91499	7.11E-05	0.159615	-6.26506	0.768369	0.92791	-1.07769	0.00482419	2.5787	2.5787	0.120581	1.53195	1.53195	0.9373	1.02013	1.02013	0.864416	0.957626	-1.04425	10.9633	11.1446	0.903594	1
cg14098132	CGRRF1	0.0157594	0.328004	1.14517	1.14517	0.0585485	1.33229	1.33229	0.427422	0.896927	-1.11492	0.679413	1.05738	1.05738	0.77868	1.03855	1.03855	0.447651	0.901317	-1.10949	0.000728932	0.501793	-1.99285	0.649645	0.94045	-1.06332	0.0471605	1.35654	1.35654	5.0966	1.45485	0.253737	1
cg01802073	CGRRF1	0.0343362	0.209562	0.873351	-1.14501	0.201519	0.871004	-1.1481	0.0143446	1.36222	1.36222	0.455169	0.925067	-1.081	0.449977	0.924203	-1.08201	0.00542886	1.45444	1.45444	0.926967	1.00943	1.00943	0.106221	1.19799	1.19799	0.387778	1.09488	1.09488	3.89399	0.646618	0.147605	1
cg04436975	CGRRF1;CGRRF1	0.00577115	0.266382	0.819935	-1.21961	0.257358	1.22464	1.22464	0.397716	1.16004	1.16004	0.0390431	1.50608	1.50608	0.000702289	2.42466	2.42466	0.0244398	1.5835	1.5835	0.00770015	0.555981	-1.79862	0.0892261	1.3789	1.3789	0.856554	0.969456	-1.03151	7.02286	3.26898	0.413757	1
cg10155681	CH25H	0.000395941	0.951957	1.00809	1.00809	0.0427929	1.36581	1.36581	1.30E-05	3.40037	3.40037	0.644394	0.939751	-1.06411	0.023345	1.43664	1.43664	0.839144	1.02755	1.02755	0.406771	0.892737	-1.12015	0.000181703	2.33162	2.33162	0.0757386	1.30249	1.30249	15.243	4.3153	0.251645	1
cg02022481	CH25H	0.000820827	0.0293972	0.436905	-2.28883	0.0842755	1.85234	1.85234	0.00149059	4.38618	4.38618	0.000884762	4.99321	4.99321	0.176183	0.628669	-1.59066	0.147787	1.65072	1.65072	0.00014419	8.27683	8.27683	0.00604144	3.18207	3.18207	0.31734	1.39602	1.39602	12.4417	20.528	1.4666	1
cg23967742	CH25H	0.000880304	0.169053	0.673384	-1.48504	0.966755	1.01131	1.01131	1.64E-05	10.9441	10.9441	0.0363435	1.92841	1.92841	0.921608	0.973785	-1.02692	0.745931	1.09171	1.09171	0.00517494	2.70794	2.70794	0.0199966	2.13334	2.13334	0.0912484	1.65201	1.65201	12.1987	14.0722	1.02541	1
cg23410627	CH25H	0.00124429	0.612289	0.882911	-1.13262	0.49124	0.843364	-1.18573	6.43E-05	5.98821	5.98821	0.485326	1.18859	1.18859	0.491224	1.18574	1.18574	0.037775	1.79865	1.79865	0.000319709	4.13476	4.13476	0.0162846	2.04587	2.04587	0.079713	1.60618	1.60618	11.0567	10.3967	0.835831	1
cg27018185	CH25H	0.00139874	0.452014	1.14992	1.14992	0.769649	1.05499	1.05499	0.0174215	1.69516	1.69516	0.323197	0.830243	-1.20447	0.192679	0.777735	-1.28578	7.42E-05	0.26914	-3.71553	0.153467	0.756801	-1.32135	0.00678625	1.89576	1.89576	0.107003	1.37823	1.37823	10.6923	5.6289	0.467951	1
cg00239870	CH25H	0.00205869	0.0488657	1.19132	1.19132	0.228924	0.906405	-1.10326	0.029379	1.22103	1.22103	0.583519	1.04403	1.04403	0.000751956	0.671784	-1.48857	0.0260875	1.22812	1.22812	0.116705	1.14186	1.14186	0.0100324	1.28782	1.28782	0.00190263	1.40828	1.40828	9.56094	0.917233	0.085276	1
cg20341758	CH25H;CH25H	0.00118892	0.217852	1.51702	1.51702	0.289938	0.702498	-1.42349	0.023046	2.39602	2.39602	0.0649284	1.94713	1.94713	0.00471793	0.299098	-3.34339	0.0766988	1.88318	1.88318	0.000238156	7.07451	7.07451	0.000680085	5.30822	5.30822	0.846221	0.939485	-1.06441	11.2014	18.3359	1.45505	1
cg11662264	CH25H;CH25H	0.00547638	0.514777	0.941631	-1.06199	0.336726	1.09437	1.09437	0.24557	1.11692	1.11692	0.133582	1.15872	1.15872	0.167486	1.14335	1.14335	0.00434361	1.41481	1.41481	0.0901553	1.18535	1.18535	0.000699257	1.6011	1.6011	0.000837359	1.58023	1.58023	7.13698	0.936979	0.116698	1
cg07702830	CHAC1;CHAC1	5.50E-05	0.0099788	1.33286	1.33286	0.0238082	0.788027	-1.26899	0.00896173	1.34117	1.34117	0.00222073	0.684893	-1.46008	0.450269	1.0703	1.0703	0.0425905	1.22897	1.22897	0.000539226	0.621708	-1.60847	3.64E-06	2.60664	2.60664	0.441981	0.933108	-1.07169	25.9645	3.20703	0.109792	1
cg09825845	CHAC1;CHAC1	0.000271512	0.788869	0.97827	-1.02221	3.22E-05	1.93861	1.93861	0.299909	1.09192	1.09192	0.0630047	0.842655	-1.18673	0.0628568	1.18687	1.18687	0.0183604	1.26394	1.26394	0.000832985	0.662502	-1.50943	0.0181306	1.26477	1.26477	0.00111624	1.4814	1.4814	16.905	1.79399	0.0943305	1
cg20569955	CHAC1;CHAC1	0.00458672	0.00525036	0.738092	-1.35484	0.0759564	1.17694	1.17694	0.000687189	1.53363	1.53363	0.373252	0.927369	-1.07832	0.670842	0.965349	-1.0359	0.188254	0.891355	-1.12189	0.413651	0.933381	-1.07137	0.879779	0.987592	-1.01256	0.0121149	1.29434	1.29434	7.53394	0.812004	0.095804	1
cg26219294	CHAC1;CHAC1	0.0310294	0.0343146	0.547262	-1.82728	0.909112	1.02828	1.02828	0.543731	0.860663	-1.1619	0.505974	0.848086	-1.17913	0.044397	0.569084	-1.75721	0.9584	1.01282	1.01282	0.295952	0.767507	-1.30292	0.0110993	2.17594	2.17594	0.0243093	1.92597	1.92597	4.03807	3.81249	0.839234	1
cg05180443	CHAD;ACSF2	6.80E-07	0.330451	1.11693	1.11693	0.000750942	1.75589	1.75589	0.0696855	0.799801	-1.25031	0.00940594	1.43696	1.43696	0.95154	1.00671	1.00671	0.014842	1.391	1.391	0.00121416	0.593601	-1.68463	0.114857	1.20781	1.20781	6.64E-09	14.6848	14.6848	80.8954	15.5357	0.170708	1
cg19961043	CHAD;ACSF2	0.000104849	0.665557	0.921572	-1.0851	0.00267635	2.18068	2.18068	0.629197	0.912674	-1.09568	0.787255	1.05211	1.05211	0.0430405	0.645819	-1.54842	0.234872	0.791491	-1.26344	0.0679936	0.681219	-1.46796	0.898327	1.0243	1.0243	1.74E-06	9.44645	9.44645	21.8618	12.2123	0.496544	1
cg06818777	CHAD;ACSF2	0.000466194	0.862448	0.96849	-1.03254	0.0486584	1.51554	1.51554	0.498226	1.13536	1.13536	0.97111	0.993336	-1.00671	0.817802	0.958291	-1.04352	0.0131229	1.76458	1.76458	0.367747	0.842976	-1.18627	0.214558	1.27282	1.27282	5.02E-06	6.81654	6.81654	14.5705	7.8661	0.47988	1
cg10421979	CHAD;ACSF2	0.00101987	0.313352	1.8266	1.8266	0.000382522	26.4726	26.4726	0.540717	0.699223	-1.43016	0.360631	1.72108	1.72108	0.147839	0.407783	-2.45229	0.0257815	4.61633	4.61633	0.341283	0.567489	-1.76215	0.726297	0.816244	-1.22512	5.90E-05	73.3491	73.3491	11.7011	61.8553	4.69894	1
cg15880760	CHAD;ACSF2	0.0029066	0.170006	1.57743	1.57743	0.00471891	3.22455	3.22455	0.868621	1.05298	1.05298	0.702935	1.12693	1.12693	0.817887	0.930595	-1.07458	0.175788	1.56664	1.56664	0.33951	0.735644	-1.35935	0.594936	0.845897	-1.18218	5.94E-05	10.138	10.138	8.63884	13.3069	1.3692	1
cg19046826	CHAD;ACSF2	0.00323596	0.242369	1.74132	1.74132	0.000911138	9.46881	9.46881	0.552844	1.31281	1.31281	0.756851	1.15118	1.15118	0.608221	0.791062	-1.26412	0.142334	2.04411	2.04411	0.0914814	0.430658	-2.32203	0.9964	0.997957	-1.00205	0.000187505	17.4128	17.4128	8.36755	27.2323	2.8929	1
cg22627841	CHAD;ACSF2	0.0338116	0.06238	5.78732	5.78732	0.00535519	21.5408	21.5408	0.783704	1.25898	1.25898	0.95925	0.958136	-1.04369	0.682981	1.41013	1.41013	0.228608	2.8794	2.8794	0.994771	0.994531	-1.0055	0.7351	1.32875	1.32875	0.00222259	36.1153	36.1153	3.91567	43.4442	9.86218	1
cg13764778	CHAD;ACSF2	0.0464663	0.739255	1.07251	1.07251	0.763866	1.06518	1.06518	0.12622	0.707003	-1.41442	0.211762	1.31743	1.31743	0.573547	0.887644	-1.12658	0.962642	1.00986	1.00986	0.0107248	0.510685	-1.95815	0.969533	0.992028	-1.00804	0.00860409	2.01824	2.01824	3.48336	2.423	0.618305	1
cg26364091	CHADL	1.83E-05	0.000234236	0.465111	-2.15002	2.32E-06	4.23955	4.23955	0.135403	1.22377	1.22377	0.266851	0.864891	-1.15622	0.23657	0.855893	-1.16837	0.00597221	1.56983	1.56983	9.12E-05	2.40439	2.40439	0.0295957	1.37902	1.37902	0.000551869	0.510226	-1.95991	34.6649	8.64375	0.221646	1
cg22304285	CHADL	0.0124344	0.0613422	0.758911	-1.31768	0.0290186	0.714059	-1.40044	0.037435	0.729045	-1.37166	0.928085	0.988256	-1.01188	0.451583	0.904503	-1.10558	0.0271034	1.40829	1.40829	0.00805328	1.55927	1.55927	0.0234188	0.701615	-1.42528	0.806965	0.968471	-1.03256	5.50947	1.49435	0.241096	1
cg00552318	CHADL	0.0195599	0.0675355	2.88744	2.88744	0.0227521	4.10132	4.10132	0.106883	2.48757	2.48757	0.211836	1.97566	1.97566	0.0840909	2.68985	2.68985	0.0229827	4.08787	4.08787	0.00162146	10.3686	10.3686	0.0083172	5.73337	5.73337	0.0435454	3.32525	3.32525	4.74022	20.1217	3.77323	1
cg19682666	CHAF1A	0.00106007	0.756959	1.0824	1.0824	0.000367112	0.233314	-4.28607	0.00479481	0.384896	-2.59811	0.983878	0.994859	-1.00517	0.00158518	0.314556	-3.17908	0.00846327	0.424244	-2.35713	0.000175583	0.197277	-5.06902	0.299567	0.760165	-1.3155	0.00966087	0.433757	-2.30544	11.5733	11.925	0.915902	1
cg03741332	CHAF1A	0.00308228	0.83489	0.974435	-1.02624	0.00122432	0.556057	-1.79838	0.0279006	1.3804	1.3804	0.0348104	0.736942	-1.35696	0.0996553	1.25095	1.25095	0.264349	0.865581	-1.15529	0.0327121	0.73341	-1.36349	0.0209713	1.41145	1.41145	0.00476144	0.628099	-1.59211	8.48962	2.07007	0.216742	1
cg06727521	CHAF1A	0.00468348	0.878881	1.02865	1.02865	0.0848295	1.42343	1.42343	0.698269	1.07484	1.07484	0.576947	0.900859	-1.11005	6.32E-05	0.255616	-3.91211	0.818761	1.04344	1.04344	0.835508	0.962213	-1.03927	0.360731	0.840239	-1.19014	0.542189	0.891988	-1.12109	7.48629	4.06935	0.483176	1
cg05297461	CHAF1A	0.0480927	0.98809	0.998006	-1.002	0.113512	1.25899	1.25899	0.009737	1.54847	1.54847	0.490449	0.910575	-1.09821	0.741527	1.04526	1.04526	0.0962358	0.78327	-1.2767	0.155523	0.816076	-1.22538	0.0465187	0.737192	-1.3565	0.31819	1.14795	1.14795	3.43846	0.974026	0.251799	1
cg24371972	CHAF1B	0.00284341	0.0300173	0.57112	-1.75094	0.118774	0.689629	-1.45005	0.065649	0.635484	-1.5736	0.93139	0.98128	-1.01908	0.000281245	0.27169	-3.68067	0.58745	1.12774	1.12774	0.765126	1.06796	1.06796	0.118743	1.45011	1.45011	0.00072929	0.323959	-3.08681	8.69528	6.63265	0.678033	1
cg02336542	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	2.25E-05	0.841392	1.057	1.057	1.91E-07	81.5922	81.5922	0.993217	1.00235	1.00235	0.718703	1.10526	1.10526	0.22394	1.42403	1.42403	0.557333	1.17845	1.17845	0.0159705	0.442084	-2.26202	0.241413	1.40394	1.40394	0.944665	1.01939	1.01939	32.8518	39.8301	1.0777	1
cg27591375	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.000149753	0.644789	1.13814	1.13814	1.34E-06	31.4017	31.4017	0.368733	0.77312	-1.29346	0.956302	1.01539	1.01539	0.726832	0.90687	-1.10269	0.526805	0.836323	-1.19571	0.176624	0.670076	-1.49237	0.931843	1.02413	1.02413	0.531595	1.19318	1.19318	19.8657	24.4434	1.09371	1
cg12799846	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.000275814	0.010376	0.615232	-1.6254	0.634561	0.93048	-1.07471	0.000440721	0.433785	-2.30529	0.171319	0.803187	-1.24504	0.0280527	0.676753	-1.47764	0.0227589	0.663528	-1.5071	2.74E-05	0.288051	-3.4716	4.11E-05	0.308351	-3.24306	0.535953	0.909995	-1.09891	16.8326	6.03658	0.318777	1
cg02949574	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.000727166	0.616225	0.893766	-1.11886	0.944861	0.984745	-1.01549	8.30E-05	0.207033	-4.83015	0.610605	0.892137	-1.1209	0.624904	0.896271	-1.11573	0.0774913	0.646523	-1.54674	3.71E-05	0.171631	-5.82645	0.871041	1.03677	1.03677	0.477082	0.851571	-1.1743	12.8728	10.0704	0.695383	1
cg19758837	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.00169	0.246033	0.736998	-1.35686	0.000742086	0.275713	-3.62696	0.00552046	0.399543	-2.50286	0.558104	0.861583	-1.16065	0.0100981	0.441998	-2.26245	0.00981493	0.439937	-2.27305	0.000107047	0.179229	-5.57945	0.664698	1.11594	1.11594	0.143334	0.673282	-1.48526	10.125	10.1463	0.890756	1
cg22819369	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.00279409	0.00715609	0.40199	-2.48763	0.378189	0.788783	-1.26778	0.759754	1.08382	1.08382	0.0496814	0.555684	-1.79958	0.000247255	0.2043	-4.89477	0.943324	0.981516	-1.01883	0.000429598	0.231736	-4.31525	0.94992	0.983653	-1.01662	0.403721	0.79914	-1.25134	8.74043	9.53242	0.969433	1
cg06737561	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.00516528	0.405115	0.708233	-1.41197	0.000122684	15.0953	15.0953	0.530561	0.773135	-1.29343	0.953883	0.976849	-1.0237	0.243467	0.610009	-1.63932	0.272802	0.629858	-1.58766	0.218255	0.591849	-1.68962	0.0398496	2.61769	2.61769	0.74859	1.13909	1.13909	7.26603	18.8762	2.30922	1
cg18199666	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0104404	0.37811	1.42303	1.42303	0.000237909	10.7457	10.7457	0.690753	1.16883	1.16883	0.511733	1.29644	1.29644	0.452571	0.741907	-1.34788	0.475811	0.753617	-1.32693	0.0580969	0.433627	-2.30613	0.772487	1.11974	1.11974	0.159919	1.79641	1.79641	5.82957	14.0515	2.14256	1
cg02657375	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0159473	0.0649004	0.452729	-2.20883	0.0782591	2.11243	2.11243	0.188558	1.7033	1.7033	0.285889	0.654623	-1.5276	0.00506155	0.242479	-4.12407	0.580007	1.23822	1.23822	0.00372904	0.223714	-4.46999	0.28128	0.651754	-1.53432	0.81539	1.09353	1.09353	5.07655	11.7498	2.05735	1
cg19535607	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0226839	0.0300091	4.27599	4.27599	0.00260806	10.7359	10.7359	0.0840761	2.96839	2.96839	0.186805	2.21785	2.21785	0.512207	0.68497	-1.45992	0.604284	0.742594	-1.34663	0.659946	0.777215	-1.28665	0.115123	2.65161	2.65161	0.00918994	6.57127	6.57127	4.50629	23.1253	4.5616	1
cg25609507	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0233019	0.345476	0.430806	-2.32123	0.00368339	30.0321	30.0321	0.142048	0.254597	-3.92777	0.00948876	0.0579381	-17.2598	0.343066	0.428884	-2.33163	?	?	?	0.867457	1.15577	1.15577	0.744624	1.32748	1.32748	0.644476	1.49589	1.49589	4.54366	48.0485	10.5748	1
cg25155846	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0252155	0.737778	1.24932	1.24932	0.000542243	35.2444	35.2444	0.774724	1.20937	1.20937	0.824098	0.86288	-1.15891	0.803804	0.847981	-1.17927	0.269803	0.467081	-2.14096	0.496615	0.633016	-1.57974	0.0936747	3.39149	3.39149	0.328903	1.94944	1.94944	4.34424	30.1951	6.17832	1
cg17994569	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0287773	0.323939	0.311277	-3.21257	0.00498227	84.3892	84.3892	0.722719	0.666046	-1.5014	?	?	?	?	?	?	0.0300841	0.0505921	-19.7659	?	?	?	0.421578	2.55734	2.55734	0.642305	0.586369	-1.70541	4.84463	65.0745	15.671	1
cg11811216	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.000967554	0.941056	1.0377	1.0377	2.38E-05	67.8397	67.8397	0.897038	0.937274	-1.06692	0.401567	0.650778	-1.53662	0.00222289	0.117166	-8.53488	0.961224	0.975967	-1.02462	0.357834	1.60503	1.60503	0.66806	1.24092	1.24092	0.728628	0.840063	-1.19039	11.877	47.0949	3.52463	1
cg00586644	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.003902	0.601189	0.805347	-1.2417	0.000609978	8.73743	8.73743	0.661487	0.834552	-1.19825	0.620683	0.814832	-1.22725	0.457477	1.36423	1.36423	0.865164	0.932615	-1.07225	0.000611272	8.73123	8.73123	0.00950163	3.85236	3.85236	0.0453866	2.56544	2.56544	7.91138	21.1124	2.3721	1
cg20405893	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0477027	0.616885	1.2108	1.2108	0.00210973	5.15307	5.15307	0.689099	0.858542	-1.16477	0.69225	1.16285	1.16285	0.722535	0.873532	-1.14478	0.969514	1.0146	1.0146	0.377553	0.709367	-1.40971	0.0198236	2.9061	2.9061	0.27656	1.53605	1.53605	3.44905	7.85676	2.02484	1
cg07637213	CHAT;SLC18A3;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;SLC18A3	0.00469309	0.85969	0.936386	-1.06794	0.00228093	4.87877	4.87877	0.123275	1.85927	1.85927	0.599935	0.821522	-1.21725	0.133325	0.54797	-1.82492	0.723556	0.876405	-1.14102	0.545112	0.796526	-1.25545	0.00113292	5.92495	5.92495	0.00279302	4.62178	4.62178	7.48162	16.3511	1.94267	1
cg23392730	CHCHD1	0.0018979	0.0303654	0.427292	-2.34032	3.02E-05	0.0655205	-15.2624	0.446647	1.29581	1.29581	0.933944	1.02808	1.02808	0.308425	1.42216	1.42216	0.319275	0.70904	-1.41036	0.0272757	0.417825	-2.39334	0.628382	1.17696	1.17696	0.563828	0.822891	-1.21523	9.79006	17.3044	1.57115	1
cg04704631	CHCHD1	0.0296602	0.605751	1.04568	1.04568	0.494012	1.06139	1.06139	0.518226	0.945362	-1.0578	0.658619	1.03888	1.03888	0.00518257	1.37238	1.37238	0.00352402	1.40409	1.40409	0.393746	1.07782	1.07782	0.228951	0.897356	-1.11438	0.0703161	1.18951	1.18951	4.10339	0.478211	0.103592	1
cg07665058	CHCHD1	0.0340316	0.170816	0.599125	-1.6691	0.69176	0.869378	-1.15025	0.183294	1.64206	1.64206	0.0625206	0.47887	-2.08825	0.123993	0.557028	-1.79524	0.294407	0.682499	-1.4652	0.00293422	4.20033	4.20033	0.570664	0.817665	-1.22299	0.676035	1.15907	1.15907	3.90653	7.634	1.73704	1
cg27048208	CHCHD1	0.0440989	0.176789	0.474253	-2.10858	0.0594727	0.331106	-3.02018	0.202549	0.497065	-2.01181	0.0828492	0.368647	-2.71263	0.0102792	0.186291	-5.36795	0.137976	0.436087	-2.29312	0.00387699	0.132506	-7.54684	0.727469	0.833781	-1.19936	0.0514672	0.31601	-3.16445	3.55229	15.1887	3.80065	1
cg03290040	CHCHD10	0.0219124	0.959202	1.01078	1.01078	0.0111597	1.94834	1.94834	0.647401	0.907951	-1.10138	0.399338	1.19833	1.19833	0.607292	1.11483	1.11483	0.104524	0.689301	-1.45074	0.00226697	0.408367	-2.44878	0.195715	1.33233	1.33233	0.757732	1.06703	1.06703	4.56018	3.17575	0.61903	1
cg00771653	CHCHD10	0.0295807	0.36799	0.895473	-1.11673	0.0306303	0.738425	-1.35423	0.374698	0.896924	-1.11492	0.437848	1.09909	1.09909	0.197591	0.849925	-1.17657	0.00134132	0.573263	-1.7444	0.0388648	0.751613	-1.33047	0.139778	0.827205	-1.20889	0.0648698	0.780724	-1.28086	4.10729	0.927273	0.200678	1
cg05597008	CHCHD10;CHCHD10	0.0164514	?	?	?	0.0007556	0.0137473	-72.7417	0.121328	0.24419	-4.09517	0.474347	1.84168	1.84168	0.0280617	0.113307	-8.8256	0.597631	1.56371	1.56371	0.505555	1.76298	1.76298	0.500577	1.7751	1.7751	0.461548	0.533054	-1.87598	5.11833	50.7614	9.91757	1
cg23327483	CHCHD10;CHCHD10	0.0296849	0.379979	0.867489	-1.15275	0.0106747	0.602532	-1.65966	0.0223619	0.649204	-1.54035	0.0991336	0.751748	-1.33023	0.0615349	0.717176	-1.39436	0.163443	0.790757	-1.26461	0.0722511	1.37253	1.37253	0.223895	1.22346	1.22346	0.411492	1.14174	1.14174	4.10218	1.61867	0.350746	1
cg14936778	CHCHD2	0.00139133	0.161985	1.45697	1.45697	0.0156111	2.11119	2.11119	0.4748	0.832608	-1.20105	0.251668	1.35235	1.35235	4.67E-05	0.144257	-6.93209	0.348242	1.2756	1.2756	0.0259689	1.94678	1.94678	0.665595	0.896192	-1.11583	0.253622	0.740451	-1.35053	10.7086	10.7746	0.894364	1
cg21424664	CHCHD2	0.00702373	0.00302723	0.343602	-2.91034	0.703977	1.10556	1.10556	0.414223	1.24536	1.24536	0.251149	0.729641	-1.37054	0.114775	1.56968	1.56968	0.0014064	0.296496	-3.37273	0.0906033	0.612533	-1.63257	0.134184	1.529	1.529	0.123581	1.55036	1.55036	6.60814	7.23306	0.972949	1
cg14187409	CHCHD2	0.0216091	0.477788	0.840538	-1.18971	0.0182875	2.09079	2.09079	0.0787952	0.615393	-1.62498	0.222218	1.36687	1.36687	0.136182	0.673801	-1.48412	0.413106	0.817262	-1.2236	?	?	?	?	?	?	0.00631904	2.56576	2.56576	6.05363	4.06538	0.575624	1
cg25408620	CHCHD2	0.0220819	0.0201753	0.266047	-3.75873	0.188734	0.517852	-1.93105	0.195731	0.523819	-1.90906	0.192077	0.520718	-1.92042	0.00520529	0.175086	-5.71147	0.037712	0.320129	-3.12374	0.00266297	0.140365	-7.12426	0.0454797	0.338226	-2.9566	0.0391348	0.323631	-3.08994	4.54813	16.0868	3.14402	1
cg26399411	CHCHD2	0.0249339	0.00217334	0.447235	-2.23596	0.022156	0.598653	-1.67042	0.304834	1.21991	1.21991	0.776522	0.948156	-1.05468	0.0151851	0.572414	-1.74699	0.109397	0.721427	-1.38614	0.974947	0.994143	-1.00589	0.982059	1.00422	1.00422	0.657864	1.08695	1.08695	4.36125	2.41703	0.492627	1
cg14577835	CHCHD2	0.0365183	0.695874	1.15869	1.15869	0.431267	0.739941	-1.35146	0.917796	1.03947	1.03947	0.996093	0.998166	-1.00184	0.860298	0.936083	-1.06828	0.251824	1.56653	1.56653	0.418053	0.733243	-1.3638	0.443858	1.34004	1.34004	0.000716291	0.144983	-6.89734	3.80799	8.47874	1.97917	1
cg19717492	CHCHD2	0.0479412	0.106286	0.815449	-1.22632	0.411036	0.907345	-1.10212	0.00508198	1.53477	1.53477	0.235607	0.866086	-1.15462	0.28642	1.13661	1.13661	0.901316	0.985754	-1.01445	0.0366063	0.75508	-1.32436	0.662554	0.950478	-1.0521	0.775282	0.967436	-1.03366	3.44256	0.729463	0.188351	1
cg10488050	CHCHD3	0.00302886	0.00200181	0.288305	-3.46855	0.000274608	0.182835	-5.46941	0.00106841	0.251518	-3.96954	0.0117977	0.407997	-2.45154	0.00477669	0.231068	-4.32779	0.00365351	0.325953	-3.06793	3.19E-05	0.0993634	-10.0641	0.013505	0.418173	-2.39135	0.000763134	0.233595	-4.28097	16.4701	21.1289	1.1447	1
cg14583365	CHCHD3	0.00586989	0.05203	0.680182	-1.47019	0.0121774	0.479939	-2.08359	0.0196396	0.496366	-2.2729	0.00442558	0.515568	-1.93962	0.00110999	0.455414	-2.1958	0.330796	0.807689	-1.23811	0.0132961	0.382451	-2.6147	0.0401095	0.712621	-1.40325	0.00713847	0.597123	-1.67468	6.98625	3.36376	0.427985	1
cg08734988	CHCHD3	0.00817706	0.118598	0.776624	-1.28762	0.00402016	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00032852	CHCHD3	0.0169624	0.0416154	0.493044	-2.02822	0.0440879	0.498394	-2.00645	0.597002	1.17423	1.17423	0.19048	1.1388	1.1388	0.0522628	1.94365	1.94365	0.016609	0.414534	-2.41235	0.0151726	0.407395	-2.45462	0.488302	1.23608	1.23608	0.181	1.66667	1.66667	4.97716	7.13797	1.27582	1
cg16035024	CHCHD3	0.0194052	0.135222	0.725456	-1.37844	0.0206114	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19632026	CHCHD3	0.0231421	0.104284	0.733519	-1.36329	0.0286955	1.56884	1.56884	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07486100	CHCHD3	0.0286664	0.00819	0.111747	-8.94878	0.295743	0.495361	-2.01873	0.325174	0.51777	-1.93136	0.112323	0.326266	-3.06499	0.0111555	0.12734	-7.85299	0.547143	0.243703	-4.10336	0.00359396	0.0777367	-12.8639	0.363069	0.752753	-1.32846	0.0568933	0.247563	-4.03937	4.15318	27.61	5.90925	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25824265	CHCHD3;CHCHD3	0.00721945	0.106409	0.698832	-1.43096	0.452204	1.16647	1.16647	0.000392286	0.293813	-3.40353	0.00530406	0.462762	-2.16094	0.451219	0.856984	-1.16688	0.179461	0.749354	-1.33448	0.0129282	0.527028	-1.89743	0.0253179	0.578125	-1.72973	0.639874	1.0992	1.0992	7.51893	4.68578	0.48471	1
cg15084803	CHCHD4;CHCHD4	0.00212052	0.00141987	0.0727084	-13.7536	0.00436579	0.115131	-8.68573	0.00207654	0.0853521	-11.7162	0.0168884	0.191157	-5.2313	0.0207052	0.205694	-4.86158	0.0126764	0.172224	-5.80638	0.000315958	0.036406	-27.468	0.0277858	0.228443	-4.37746	0.00466675	0.118167	-8.46259	9.4787	48.3849	4.53741	1
cg08675544	CHCHD4;CHCHD4	0.0183772	0.0755786	0.611433	-1.6355	0.0386132	0.551123	-1.81448	0.131729	0.667206	-1.49879	0.586876	0.872448	-1.1462	0.223266	0.727414	-1.37473	0.897512	0.968459	-1.03257	0.00189284	2.9892	2.9892	0.116318	1.52872	1.52872	0.546429	1.16393	1.16393	4.84121	4.74267	0.870795	1
cg13906045	CHCHD4;CHCHD4;TMEM43	0.0217569	0.335634	1.21069	1.21069	0.0713213	1.47385	1.47385	0.0111009	1.84628	1.84628	0.0128971	1.81211	1.81211	0.533635	1.12908	1.12908	0.0536538	1.52496	1.52496	0.0135872	0.555417	-1.80045	0.266495	1.24975	1.24975	0.994994	1.00121	1.00121	4.57132	2.68479	0.522054	1
cg25521086	CHCHD5	4.16E-06	0.776294	1.01429	1.01429	1.24E-07	2.31055	2.31055	0.00226991	1.23702	1.23702	0.0420997	1.12373	1.12373	0.928768	0.995556	-1.00446	0.179855	0.931502	-1.07353	0.000567235	0.766428	-1.30475	0.0165583	0.86432	-1.15698	2.64E-05	1.51299	1.51299	50.8848	1.99978	0.0349334	1
cg14176132	CHCHD5	0.000456228	0.0106651	0.72035	-1.38821	0.307178	1.11407	1.11407	0.0220439	1.3239	1.3239	0.342708	1.10504	1.10504	0.166087	1.16288	1.16288	0.935332	1.00833	1.00833	1.20E-05	0.388661	-2.57294	0.479087	0.929115	-1.07629	0.0579037	1.24491	1.24491	14.6579	2.42382	0.146986	1
cg24651706	CHCHD5	0.00714919	0.0873103	0.798252	-1.25274	0.381622	1.11306	1.11306	0.421244	1.10304	1.10304	0.0634945	0.779525	-1.28283	0.283706	0.875513	-1.14219	0.310125	1.13356	1.13356	0.000185814	0.470783	-2.12412	0.69717	1.04779	1.04779	0.303142	1.13578	1.13578	6.57173	1.48299	0.200588	1
cg07682663	CHCHD5	0.0101748	0.315992	1.19328	1.19328	0.748721	0.946694	-1.05631	0.0112493	1.71818	1.71818	0.022586	0.627858	-1.59272	0.986895	0.997204	-1.0028	0.267427	1.21765	1.21765	0.00205798	0.47712	-2.09591	0.228632	0.80625	-1.24031	0.0645058	1.42473	1.42473	5.87794	2.70463	0.409006	1
cg23499749	CHCHD5	0.0210974	0.0883152	0.455611	-2.19486	0.239655	0.597675	-1.67315	0.0530396	0.398919	-2.50678	0.493363	1.33748	1.33748	0.242797	0.599916	-1.6669	0.0598856	0.411697	-2.42897	0.00142458	0.145281	-6.88321	0.296348	1.57246	1.57246	0.0217283	0.316103	-3.16352	4.61972	12.7855	2.46008	1
cg00499289	CHCHD5	0.0399785	0.756183	0.957805	-1.04405	0.00446949	0.591669	-1.69013	0.0539784	1.35363	1.35363	0.623027	1.07099	1.07099	0.142463	1.24387	1.24387	0.338893	0.872452	-1.1462	0.394386	1.12834	1.12834	0.206158	0.831453	-1.20271	0.109565	0.785467	-1.27313	3.68387	1.11784	0.269726	1
cg00364339	CHCHD6	6.40E-05	0.000434605	0.163257	-6.1253	0.0715548	0.519095	-1.92643	0.000189701	0.128691	-7.77056	0.130071	0.586946	-1.70373	0.00760297	0.326767	-3.06028	0.000121355	0.11222	-8.91108	3.63E-06	0.0291113	-34.3509	0.236495	1.49807	1.49807	0.000642874	0.181454	-5.51105	24.9367	41.9344	1.49479	1
cg00906088	CHCHD6	0.000506222	?	?	?	0.0193121	2.757	2.757	0.906617	0.958811	-1.04296	0.0735922	0.48923	-2.04403	1.41E-05	0.0390331	-25.6193	0.712495	0.875761	-1.14186	0.240499	1.5534	1.5534	0.0108583	0.317776	-3.14687	0.632337	0.841333	-1.18859	14.5888	26.3841	1.80852	1
cg16218340	CHCHD6	0.00549524	0.00925886	0.163294	-6.12392	0.00282966	0.104758	-9.54582	0.0417149	0.275775	-3.62614	0.579017	0.735261	-1.36006	0.00539528	0.134004	-7.46245	0.00749077	0.151229	-6.61249	0.00348029	0.113513	-8.80954	0.00270574	0.102936	-9.71475	0.0365245	0.263555	-3.79428	7.12945	33.9986	4.2389	1
cg18670236	CHCHD6	0.00622615	0.00163361	0.209197	-4.78018	0.921481	0.966392	-1.03478	0.00542733	0.281213	-3.55603	0.00440398	0.267622	-3.73662	0.977125	1.00999	1.00999	0.410461	1.3389	1.3389	0.00930027	0.318507	-3.13964	0.875265	1.05598	1.05598	0.0143092	0.350888	-2.84991	6.86026	13.0629	1.69256	1
cg10459100	CHCHD6	0.00717371	0.33215	0.829934	-1.20492	0.0384392	1.5634	1.5634	0.0019044	0.440658	-2.26933	0.0750362	0.691163	-1.44684	0.0877294	0.703874	-1.42071	0.235861	1.26042	1.26042	0.96962	1.00712	1.00712	0.579134	0.900876	-1.11003	0.00150926	0.426686	-2.34364	6.56471	3.60926	0.488708	1
cg27308130	CHCHD6	0.0131635	0.981135	1.00217	1.00217	0.359914	1.08999	1.08999	0.907988	0.989472	-1.01064	0.00309431	0.690337	-1.44857	0.0389335	1.24462	1.24462	0.00647676	1.38268	1.38268	0.414564	1.07934	1.07934	0.728549	1.03241	1.03241	0.0241643	1.27902	1.27902	5.40801	0.717785	0.117979	1
cg08941759	CHCHD6	0.014241	0.0859486	1.88889	1.88889	0.0132229	0.350305	-2.85466	0.684907	1.14422	1.14422	0.541213	1.22688	1.22688	0.148868	0.59666	-1.67599	0.0609839	0.491642	-2.034	0.0018647	4.67875	4.67875	0.41594	0.759366	-1.31689	0.681042	0.872412	-1.14625	5.92944	10.0097	1.313	1
cg18026197	CHCHD6	0.0149348	0.860739	0.962289	-1.03919	0.0211488	1.83464	1.83464	0.0248782	1.79406	1.79406	0.0813411	1.52647	1.52647	0.424065	0.836336	-1.19569	0.0857091	0.659821	-1.51556	0.0456967	0.605612	-1.65122	0.0256537	0.559747	-1.78652	0.0598972	1.59157	1.59157	5.18816	3.93775	0.674657	1
cg17684850	CHCHD6	0.021338	0.104765	0.787005	-1.27064	0.070978	0.761455	-1.31328	0.00738816	0.627313	-1.5941	0.919131	0.986374	-1.01381	0.304448	1.15452	1.15452	0.42378	1.11669	1.11669	0.0113711	1.53429	1.53429	0.0485591	0.73756	-1.35582	0.864224	1.02339	1.02339	4.60185	1.33025	0.256949	1
cg23542533	CHCHD6	0.0274112	0.032599	0.432798	-2.31055	0.000956713	0.192473	-5.19553	0.0785532	0.519808	-1.92379	0.70583	0.880748	-1.1354	0.0305699	0.427028	-2.34177	0.0541357	0.480985	-2.07907	0.38483	0.742031	-1.34765	0.164677	0.608714	-1.64281	0.566543	0.823653	-1.2141	4.21921	7.49315	1.57863	1
cg05550328	CHCHD6	0.0320562	0.786269	0.952997	-1.04932	0.00578265	0.527037	-1.8974	0.0235286	0.619318	-1.61468	0.0579359	0.68407	-1.46184	0.630281	0.91768	-1.0897	0.897999	1.02298	1.02298	0.0263804	1.59428	1.59428	0.679914	1.07625	1.07625	0.498752	0.885468	-1.12935	3.99137	1.98341	0.44171	1
cg05955332	CHCHD6	0.0343558	0.104797	1.6737	1.6737	0.00321633	3.21601	3.21601	0.271388	1.39467	1.39467	0.0619206	1.84183	1.84183	0.941811	1.02144	1.02144	0.378918	1.29987	1.29987	0.231086	1.44047	1.44047	0.00406939	3.06595	3.06595	0.100575	1.68638	1.68638	3.89319	5.20454	1.1883	1
cg22572820	CHCHD6	0.0404164	0.0870274	3.53698	3.53698	0.309044	2.02132	2.02132	0.786415	0.833966	-1.19909	0.418726	1.73733	1.73733	0.00377119	0.0733001	-13.6426	0.0431261	0.211085	-4.73743	0.230906	0.431662	-2.31662	0.395487	1.78913	1.78913	0.984354	0.986977	-1.01319	3.66911	25.9679	6.29105	1
cg17408686	CHCHD6	0.041497	0.4863	0.828929	-1.20638	0.0532557	1.79035	1.79035	0.0432281	1.85293	1.85293	0.203967	1.42702	1.42702	0.128944	0.647154	-1.54523	0.663748	0.89046	-1.12302	0.0881781	0.60712	-1.64712	0.0209428	0.478609	-2.08939	0.332894	1.30333	1.30333	3.63351	4.04813	0.99032	1
cg10523996	CHCHD6;CHCHD6	0.0081325	0.0423576	2.04308	2.04308	0.895504	1.04097	1.04097	0.395779	1.30441	1.30441	0.0851922	1.78881	1.78881	0.0421654	2.04484	2.04484	0.171501	1.56026	1.56026	0.0042472	0.310572	-3.21987	0.00497454	0.321047	-3.11481	0.173521	0.642429	-1.55659	6.31142	9.33388	1.31457	1
cg00866309	CHCHD7;CHCHD7;CHCHD7;CHCHD7;CHCHD7;CHCHD7	0.0010659	0.0105369	0.701244	-1.42604	0.0573691	0.788933	-1.26753	0.000546781	0.553069	-1.80809	0.00163635	0.608073	-1.64454	0.00252422	0.629738	-1.58796	0.0948421	1.2244	1.2244	0.00485378	1.50968	1.50968	0.975396	1.00341	1.00341	0.257924	0.877926	-1.13905	11.5553	2.22585	0.171223	1
cg02389064	CHCHD7;PLAG1;PLAG1;CHCHD7;PLAG1;CHCHD7;CHCHD7;CHCHD7;CHCHD7	0.00172196	0.517742	1.0509	1.0509	0.000339265	1.5482	1.5482	0.0104869	1.27615	1.27615	0.00843025	0.775165	-1.29005	0.704181	0.971536	-1.0293	0.865759	0.987273	-1.01289	0.0272732	0.820567	-1.21867	0.743824	0.975481	-1.02513	0.00293516	1.36244	1.36244	10.0703	0.914011	0.0806782	1
cg12618987	CHCHD8;PAAF1	0.000198397	0.00126071	0.182943	-5.46619	0.7156	1.14114	1.14114	0.853843	1.0688	1.0688	0.00755785	0.28939	-3.45554	6.16E-06	0.0259948	-38.4692	?	?	?	0.00127645	0.183569	-5.44756	0.869022	0.94219	-1.06136	0.683651	0.862581	-1.15931	18.8735	34.5926	1.83287	1
cg20149998	CHCHD8;PAAF1	0.0138724	0.924469	0.984364	-1.01588	0.00393258	1.90568	1.90568	0.000573982	2.42518	2.42518	0.897713	1.0216	1.0216	0.726339	1.06014	1.06014	0.137938	1.30407	1.30407	0.545518	0.903322	-1.10702	0.539119	1.10887	1.10887	0.129734	1.31264	1.31264	5.31585	2.32548	0.388854	1
ch.5.1829349R	CHD1	0.00160728	2.48E-05	0.0139236	-71.8203	?	?	?	0.195049	0.497133	-2.01153	0.194089	0.4963	-2.01491	0.00831022	0.179009	-5.58632	0.19584	0.497819	-2.00876	0.0390442	0.295809	-3.38056	0.536685	0.726861	-1.37578	0.236183	0.531018	-1.88318	10.5109	38.4758	3.66058	1
cg21082921	CHD1	0.00384295	0.0106636	0.639311	-1.56419	0.425443	1.1201	1.1201	0.221479	1.19612	1.19612	0.00461105	0.591335	-1.69109	0.0691329	0.753223	-1.32763	0.00400954	0.58344	-1.71397	0.320231	1.15388	1.15388	0.460783	1.11031	1.11031	0.0044118	1.69826	1.69826	7.94777	2.44442	0.273388	1
cg21392281	CHD1L	2.35E-05	0.0136027	0.716193	-1.39627	1.61E-06	0.267003	-3.74527	0.00610053	0.676102	-1.47907	5.25E-06	0.323037	-3.09562	0.000377663	0.537287	-1.8612	0.0368648	0.767141	-1.30354	0.0903538	1.22636	1.22636	0.283983	0.885411	-1.12942	0.000944649	0.583257	-1.71451	32.4726	6.14855	0.168307	1
cg26010182	CHD1L	0.00383342	0.0289984	0.329578	-3.03419	0.0376561	0.353548	-2.82847	0.0595605	0.399747	-2.50158	0.481788	0.734689	-1.36112	0.000316641	0.0808135	-12.3742	0.135045	0.499215	-2.00314	0.000490255	0.0949067	-10.5367	0.243625	0.590921	-1.69227	0.0107538	0.251087	-3.98268	7.9537	23.4233	2.61774	1
cg25205988	CHD1L	0.00725178	0.00360047	0.128775	-7.76549	0.0111683	0.195518	-5.11462	0.489494	1.4166	1.4166	0.666133	0.80653	-1.23988	0.651268	0.798193	-1.25283	?	?	?	?	?	?	0.365591	0.630061	-1.58715	0.000885372	0.0715714	-13.9721	7.82432	23.1066	2.95318	1
cg22381352	CHD1L	0.00802901	0.945277	1.03097	1.03097	0.113681	0.465475	-2.14834	0.594729	0.787759	-1.26942	0.0789837	2.3788	2.3788	0.00467377	0.188077	-5.31697	0.00228338	0.150282	-6.65414	0.0045517	0.186565	-5.36007	0.568644	1.29173	1.29173	0.0612181	0.391739	-2.55272	6.33693	19.8115	2.77899	1
cg11120551	CHD1L	0.0081828	0.00200551	0.132915	-7.52362	0.0908391	0.422247	-2.36828	0.0759488	0.400893	-2.49443	0.390335	0.66539	-1.50288	0.0278672	0.300348	-3.32947	0.995305	1.00273	1.00273	0.00112602	0.108733	-9.19681	0.00426627	0.170396	-5.86868	0.0717179	0.39431	-2.53607	6.29917	21.37	3.01556	1
cg07572770	CHD1L	0.011577	0.0034382	0.0767935	-13.0219	0.0419933	0.220115	-4.54307	0.0844593	0.291502	-3.43051	0.424609	0.590565	-1.69329	0.0106266	0.125562	-7.96421	0.350694	0.537725	-1.85969	0.0025999	0.0675617	-14.8013	0.00657558	0.102325	-9.77279	0.0250756	0.178835	-5.59175	5.63868	37.2556	5.87302	1
cg27261837	CHD1L	0.014255	0.895588	0.984643	-1.0156	0.0106021	1.4606	1.4606	0.0017522	1.69163	1.69163	0.73834	1.04031	1.04031	0.0122771	1.44431	1.44431	0.563269	1.07131	1.07131	0.137051	0.827968	-1.20778	0.194396	1.17565	1.17565	0.30829	0.883117	-1.13235	5.26851	1.15931	0.195595	1
cg17339450	CHD1L	0.0212956	0.465102	0.908881	-1.10025	0.477978	1.09715	1.09715	0.00230336	1.72875	1.72875	0.176463	1.20283	1.20283	0.233236	1.17425	1.17425	0.027844	0.716009	-1.39663	0.0627465	0.76406	-1.3088	0.373098	1.12469	1.12469	0.469066	0.909678	-1.09929	4.60498	1.20457	0.232516	1
cg21917976	CHD1L	0.0294094	0.00618938	0.135604	-7.37442	0.335261	0.573427	-1.7439	0.796457	0.865314	-1.15565	0.53627	0.704332	-1.41979	0.094306	0.357226	-2.79935	0.667215	1.27391	1.27391	0.00316241	0.104671	-9.55378	0.0256174	0.226729	-4.41054	0.0928452	0.355267	-2.81478	4.11575	20.4174	4.4096	1
cg00759508	CHD2;CHD2	0.003931	0.201389	1.51692	1.51692	0.00104455	4.47522	4.47522	0.00761263	2.88589	2.88589	0.00186963	3.90611	3.90611	0.100981	1.74146	1.74146	0.00830666	2.83487	2.83487	0.327421	1.36645	1.36645	0.000874008	4.6723	4.6723	0.0659212	1.89119	1.89119	7.89376	11.9241	1.34273	1
cg17934775	CHD2;CHD2	0.0070793	0.00616325	0.328279	-3.04619	0.0602412	1.9362	1.9362	0.0393433	2.10271	2.10271	0.926341	0.971583	-1.02925	0.285688	0.707729	-1.41297	0.225658	1.4869	1.4869	0.027002	0.442026	-2.26231	0.0277486	2.25031	2.25031	0.00897684	0.354888	-2.81779	6.59192	10.1475	1.36834	1
cg01663682	CHD2;CHD2	0.0105817	0.48216	0.917964	-1.08937	0.00750689	0.662114	-1.51031	0.300795	1.13709	1.13709	0.180324	0.843264	-1.18587	0.908258	0.986282	-1.01391	0.289335	1.14087	1.14087	0.000506879	0.521506	-1.91752	0.0720947	0.786199	-1.27194	0.128688	0.821392	-1.21745	5.80447	1.31992	0.202131	1
cg08899105	CHD2;CHD2	0.0117815	0.0487651	0.398428	-2.50986	0.0063838	4.26832	4.26832	0.0662802	2.32158	2.32158	0.0969098	2.10653	2.10653	0.997418	1.00132	1.00132	0.0471076	2.53199	2.53199	0.510985	0.761394	-1.31338	0.0021967	5.78732	5.78732	0.874215	0.937276	-1.06692	5.6068	14.8459	2.35363	1
cg25875908	CHD2;CHD2	0.0166674	0.302754	1.55107	1.55107	0.00593103	4.39181	4.39181	0.0347318	2.75143	2.75143	0.0161846	3.35205	3.35205	0.414481	1.40916	1.40916	0.114312	2.0264	2.0264	0.682818	1.18404	1.18404	0.000953274	7.57235	7.57235	0.165117	1.83827	1.83827	5.0024	13.395	2.38019	1
cg14538319	CHD2;CHD2	0.0183988	0.576884	0.881432	-1.13452	0.273641	1.29056	1.29056	0.0184373	1.89671	1.89671	0.0242463	1.82474	1.82474	0.012444	0.498375	-2.00652	0.470039	1.17887	1.17887	0.470915	0.848553	-1.17848	0.0082866	2.12935	2.12935	0.517957	1.15807	1.15807	4.8393	3.8425	0.705796	1
ch.15.1632650f	CHD2;CHD2	0.0202671	0.0105424	0.45608	-2.1926	0.0107066	0.457201	-2.18722	0.00218727	0.350496	-2.8531	0.129036	0.670177	-1.49214	0.299858	0.769404	-1.29971	0.874343	0.962122	-1.03937	0.634941	0.889855	-1.12378	0.231735	1.35803	1.35803	0.993487	0.998011	-1.00199	4.68339	4.41563	0.838068	1
cg06572974	CHD2;CHD2	0.0367214	0.729696	1.1705	1.1705	0.0115076	4.19794	4.19794	0.108259	2.21499	2.21499	0.0394442	2.94842	2.94842	0.494901	1.36966	1.36966	0.370234	1.51835	1.51835	0.531534	1.33328	1.33328	0.00186476	7.41342	7.41342	0.0989456	2.27291	2.27291	3.80031	12.3986	2.90001	1
cg11018357	CHD3	0.00164154	0.24087	1.12872	1.12872	0.020563	0.759479	-1.31669	0.0152415	0.745368	-1.34162	0.158922	0.862015	-1.16007	0.00214606	0.653694	-1.52977	0.755506	0.969666	-1.03128	?	?	?	0.0349164	1.27433	1.27433	0.000757503	1.65449	1.65449	10.4467	1.43028	0.136912	1
cg01691987	CHD3	0.0274368	0.00391728	0.500348	-1.99861	0.570514	0.902808	-1.10766	0.0582193	1.46485	1.46485	0.00668374	0.533928	-1.87291	0.952279	1.01073	1.01073	0.781071	0.951526	-1.05094	0.670018	0.926402	-1.07944	0.795707	1.04736	1.04736	0.348374	1.18789	1.18789	4.21783	2.1247	0.447771	1
cg19255828	CHD3	0.045887	0.0869189	0.545015	-1.83481	0.908368	0.963711	-1.03766	0.268509	0.690738	-1.44773	0.289514	0.70261	-1.42326	0.25416	0.682307	-1.46562	0.257381	0.684224	-1.46151	0.000749477	0.193626	-5.16461	0.339542	0.729043	-1.37166	0.673658	0.872857	-1.14566	3.49982	5.71297	1.45099	1
cg14897563	CHD3;CHD3;CHD3	0.00503155	0.325638	1.31796	1.31796	0.0111811	2.37476	2.37476	0.771543	1.08242	1.08242	0.00598656	2.6571	2.6571	0.00901913	0.405326	-2.46715	0.626917	0.875249	-1.14253	0.253644	0.723039	-1.38305	0.00120204	3.63452	3.63452	0.562722	1.17256	1.17256	7.32452	8.58399	1.04174	1
cg16519762	CHD3;CHD3;CHD3	0.00752239	0.00948844	0.41097	-2.43327	0.711044	1.10592	1.10592	0.05028	0.546726	-1.82907	0.655823	1.12905	1.12905	0.0725981	0.581588	-1.71943	0.956426	0.985325	-1.01489	0.031464	0.505267	-1.97915	0.000352889	0.211604	-4.72581	0.0246262	0.484742	-2.06295	6.46796	7.49939	1.03064	1
cg00674395	CHD3;CHD3;CHD3	0.0161416	0.453751	1.43628	1.43628	0.887407	0.935	-1.06952	0.406887	1.49557	1.49557	0.59249	1.29216	1.29216	0.000455335	0.0727939	-13.7374	0.0499953	0.346328	-2.88744	0.0509226	0.348208	-2.87185	0.922105	1.04749	1.04749	0.489645	0.716809	-1.39507	5.05615	18.0229	3.16849	1
cg00582663	CHD3;CHD3;CHD3	0.0242289	0.04518	0.50839	-1.96699	0.136422	0.623529	-1.60377	0.154271	0.638303	-1.56665	0.59007	0.852049	-1.17364	0.000912906	0.232365	-4.30358	0.890864	0.960391	-1.04124	0.0145068	0.412061	-2.42682	0.338538	0.747944	-1.337	0.0489796	0.51595	-1.93817	4.40489	6.04603	1.22006	1
cg07430820	CHD3;CHD3;CHD3;CHD3;CHD3	0.0385632	0.0614186	0.571588	-1.74951	0.842922	0.948702	-1.05407	0.484545	0.828162	-1.20749	0.350698	1.2904	1.2904	0.0412382	0.535255	-1.86827	0.0583409	0.566759	-1.76442	0.0131947	0.442404	-2.26038	0.00558266	0.380572	-2.62762	0.561349	0.855655	-1.16869	3.73297	4.16536	0.991848	1
cg07264818	CHD3;CHD3;CHD3;SCARNA21	0.00866468	0.559955	0.818734	-1.2214	0.0432463	0.454332	-2.20104	0.663222	0.861854	-1.16029	0.00488051	0.281964	-3.54655	0.000692481	0.172601	-5.79371	0.0353814	0.435498	-2.29622	0.0681271	1.99992	1.99992	0.478072	0.782922	-1.27727	0.216034	0.642905	-1.55544	6.18636	11.2796	1.62072	1
cg05147525	CHD4	7.98E-07	0.00049314	0.704112	-1.42023	3.56E-05	1.67016	1.67016	0.000555139	1.41129	1.41129	0.000782557	1.38625	1.38625	0.0319388	1.17542	1.17542	2.87E-06	2.05393	2.05393	1.67E-07	2.83127	2.83127	1.07E-06	2.26866	2.26866	0.000609031	0.712043	-1.40441	77.6842	5.08654	0.058202	1
cg03152000	CHD4	0.00234808	0.27925	0.849618	-1.177	0.015715	1.53554	1.53554	0.403226	0.883451	-1.13192	0.000193673	0.403005	-2.48136	0.00174225	0.523765	-1.90925	0.170144	1.23572	1.23572	0.292499	0.853667	-1.17142	0.863981	0.975466	-1.02515	0.0717111	0.747287	-1.33817	9.19999	3.058	0.29546	1
cg18694586	CHD4	0.00268886	0.00824193	0.567655	-1.76163	0.316809	1.18936	1.18936	0.0436295	0.677931	-1.47508	0.402208	1.15449	1.15449	0.00761392	0.562685	-1.77719	0.00016664	0.341473	-2.92849	0.0547751	0.69417	-1.44057	0.247624	1.22452	1.22452	0.0406137	0.672895	-1.48612	8.84018	3.9314	0.395306	1
cg20308811	CHD4	0.0032503	0.0209349	3.4434	3.4434	0.257042	1.69284	1.69284	0.00861589	4.44029	4.44029	0.440026	1.41968	1.41968	0.0685029	2.47817	2.47817	0.0665349	2.49828	2.49828	0.619903	1.2492	1.2492	0.00110604	0.117701	-8.49608	0.00731852	0.214639	-4.65899	8.35653	26.2093	2.7879	1
cg11565429	CHD4	0.0207079	0.0134189	0.540528	-1.85004	0.0355819	1.63491	1.63491	0.356274	0.826413	-1.21005	0.692323	1.0832	1.0832	0.887353	0.971921	-1.02889	0.729888	1.07213	1.07213	0.697278	0.924456	-1.08172	0.0066196	2.03053	2.03053	0.032672	0.605158	-1.65246	4.64919	2.97309	0.568431	1
cg22210060	CHD4	0.0454599	0.128546	0.794858	-1.25809	0.337943	1.14805	1.14805	0.209835	1.20287	1.20287	0.149082	1.2414	1.2414	0.893189	1.01895	1.01895	0.375842	1.13544	1.13544	0.00334286	0.57227	-1.74743	0.663579	0.940665	-1.06308	0.189824	1.2142	1.2142	3.51212	1.08653	0.274991	1
cg15125762	CHD5	5.64E-06	0.12568	0.744301	-1.34354	0.403879	0.858809	-1.1644	0.763733	1.05519	1.05519	0.288921	1.21674	1.21674	0.000300967	0.350816	-2.8505	0.0869363	1.40056	1.40056	5.39E-08	0.0356675	-28.0367	0.145099	0.75666	-1.3216	0.0465552	0.666184	-1.50109	47.0498	23.6631	0.447056	1
cg18283627	CHD5	1.36E-05	0.142476	0.847986	-1.17927	3.20E-06	0.315324	-3.17134	0.00422414	0.669901	-1.49276	0.0298041	1.3066	1.3066	2.13E-06	0.295904	-3.37947	5.57E-05	0.45661	-2.19005	0.125458	1.18939	1.18939	0.00792802	0.700395	-1.42777	0.00236958	0.641886	-1.55791	37.4507	6.48836	0.154001	1
cg00587890	CHD5	3.77E-05	8.24E-05	0.239823	-4.16974	0.426427	1.17757	1.17757	0.754402	1.0652	1.0652	0.356923	1.21011	1.21011	3.16E-06	0.108066	-9.25364	0.00563384	0.481262	-2.07787	1.83E-05	0.172251	-5.80549	0.0947111	0.690964	-1.44725	0.58285	1.11812	1.11812	28.691	18.4092	0.570345	1
cg05371688	CHD5	5.45E-05	0.687381	0.935323	-1.06915	0.463931	0.884078	-1.13112	0.904043	0.980263	-1.02013	0.653623	1.07751	1.07751	0.00132449	0.462151	-2.1638	0.456266	1.13361	1.13361	5.92E-07	0.102977	-9.71091	0.476681	0.887273	-1.12705	0.00444135	0.533983	-1.87272	26.0232	11.2594	0.384595	1
cg20817257	CHD5	0.000137617	0.00168133	0.408072	-2.45055	0.264052	1.26159	1.26159	0.189072	1.3201	1.3201	0.0155591	1.80792	1.80792	0.000193936	0.285963	-3.49695	0.0104605	0.52557	-1.9027	1.05E-05	0.152573	-6.55423	0.755944	0.939666	-1.06421	0.0161553	0.555776	-1.79929	20.323	12.8234	0.560871	1
cg09271882	CHD5	0.000142462	0.0258981	0.552649	-1.80947	0.000859552	0.325537	-3.07184	0.00636732	0.451024	-2.21718	0.000955157	0.33165	-3.01522	1.10E-05	0.122536	-8.16088	0.355902	0.808211	-1.2373	0.00131715	2.85218	2.85218	0.887264	0.968694	-1.03232	0.0206346	0.535224	-1.86838	20.1347	16.0334	0.70783	1
cg20745153	CHD5	0.000143401	3.06E-06	0.180603	-5.537	0.374003	0.868718	-1.15112	0.736689	0.949285	-1.05342	0.314203	1.17412	1.17412	0.121678	0.772004	-1.29533	0.173883	1.24997	1.24997	0.000163849	0.371077	-2.69486	0.062319	0.72354	-1.38209	0.801717	0.961936	-1.03957	20.0991	7.57146	0.334851	1
cg27552584	CHD5	0.000150574	0.00127902	0.334951	-2.98551	0.405035	0.820034	-1.21946	0.00584564	0.431542	-2.31727	0.274693	0.76745	-1.30302	4.79E-05	0.168198	-5.94539	0.0155618	0.501116	-1.99555	6.24E-06	0.0951785	-10.5066	0.830838	1.05108	1.05108	0.0456546	0.586449	-1.70518	19.8365	17.0396	0.763558	1
cg12135344	CHD5	0.000418818	0.00431698	5.82995	5.82995	0.00659738	5.10294	5.10294	0.0383184	3.03175	3.03175	0.158491	2.0068	2.0068	0.00151682	8.25262	8.25262	0.00813597	4.78443	4.78443	1.42E-05	65.257	65.257	0.000450557	12.8853	12.8853	0.00952414	4.5607	4.5607	15.0086	50.7528	3.00584	1
cg09667775	CHD5	0.0016171	0.619918	0.853113	-1.17218	0.0107094	2.7709	2.7709	0.536006	0.819443	-1.22034	0.961938	0.984951	-1.01528	0.000333499	0.158922	-6.29241	0.760953	1.10181	1.10181	0.00275935	0.269246	-3.71408	0.00362139	3.4942	3.4942	0.274873	1.43473	1.43473	10.2549	16.3979	1.42136	1
cg02173128	CHD5	0.00198657	0.0436842	1.22495	1.22495	0.168336	0.879458	-1.13706	0.00233701	0.689509	-1.45031	0.279521	1.10337	1.10337	0.968337	0.996533	-1.00348	0.000750819	1.56416	1.56416	0.00375715	1.40815	1.40815	0.146192	0.872415	-1.14624	0.0354551	1.23894	1.23894	9.66085	1.17143	0.107783	1
cg08899938	CHD5	0.00241607	0.000198236	0.103503	-9.66155	0.772856	0.900328	-1.11071	0.760377	0.894959	-1.11737	0.0152413	0.339213	-2.948	0.00164719	0.195015	-5.12781	0.023402	0.374347	-2.67132	0.0108304	0.313171	-3.19314	0.0118362	0.319784	-3.12711	0.00422869	0.249229	-4.01237	9.1232	19.0178	1.85293	1
cg00347918	CHD5	0.00257047	0.910597	0.976498	-1.02407	0.448884	1.17751	1.17751	0.821163	0.953192	-1.04911	?	?	?	0.000608307	0.326755	-3.06039	0.000237539	0.275541	-3.62923	0.51878	0.870667	-1.14854	0.31749	0.803496	-1.24456	0.0137589	0.524748	-1.90568	9.16016	5.78108	0.631112	1
cg21919596	CHD5	0.00264061	0.63432	1.08927	1.08927	0.0174133	1.67636	1.67636	0.344278	1.18987	1.18987	0.0231604	1.6233	1.6233	0.0847386	0.711625	-1.40524	0.854286	1.03335	1.03335	0.00342665	0.491874	-2.03304	0.000329597	2.81455	2.81455	0.241754	1.24439	1.24439	8.88757	4.48227	0.448294	1
cg20993163	CHD5	0.00449613	0.0477038	0.440026	-2.27259	0.0921311	0.5106	-1.95848	0.187359	1.65968	1.65968	0.10217	1.91274	1.91274	0.000271218	0.114818	-8.7094	0.244208	1.55537	1.55537	0.0437357	0.431507	-2.31746	0.758644	1.11822	1.11822	0.0230252	0.373203	-2.67951	7.5797	15.7797	1.85052	1
cg00913953	CHD5	0.00472717	0.209234	0.80554	-1.2414	0.00678681	1.77389	1.77389	0.0527276	1.43301	1.43301	0.0337755	0.666977	-1.4993	0.103287	1.33794	1.33794	0.970152	0.993905	-1.00613	0.000608109	0.421825	-2.37065	0.316485	0.844342	-1.18435	0.799879	0.959347	-1.04238	7.46517	3.15599	0.375788	1
cg03115470	CHD5	0.00474179	0.0332468	1.56879	1.56879	0.226407	0.794674	-1.25838	0.35441	1.18814	1.18814	0.012988	1.74678	1.74678	0.0360541	0.64328	-1.55453	0.0038762	2.02154	2.02154	0.00516642	0.512689	-1.9505	0.0569262	1.47674	1.47674	0.251895	1.24182	1.24182	7.45816	3.86721	0.460907	1
cg17724171	CHD5	0.00502012	0.00644666	0.573262	-1.7444	0.41511	0.877366	-1.13977	0.387459	1.14927	1.14927	0.00130632	0.479452	-2.08571	0.0114374	0.608315	-1.64389	0.123805	0.769676	-1.29925	0.000873657	0.456543	-2.19038	0.330921	0.854223	-1.17065	0.649104	1.0746	1.0746	7.3296	2.86357	0.347277	1
cg05591769	CHD5	0.00635029	0.000938172	0.350707	-2.85139	0.258873	1.28409	1.28409	0.186743	1.34593	1.34593	0.109881	1.44764	1.44764	0.693518	0.919361	-1.08771	0.198108	0.749211	-1.33474	0.00167011	0.38509	-2.59679	0.528633	1.14512	1.14512	0.222189	0.7616	-1.31302	6.81846	4.86598	0.634353	1
cg17479763	CHD5	0.0065935	0.277162	0.799077	-1.25144	0.131354	0.723786	-1.38162	0.106297	0.704671	-1.4191	0.087153	1.45478	1.45478	0.424598	0.850587	-1.17566	0.221696	0.77499	-1.29034	0.000107654	0.257897	-3.87751	0.632106	0.908712	-1.10046	0.596246	0.899323	-1.11195	6.73943	4.2038	0.554455	1
cg13223276	CHD5	0.00669931	0.938924	0.987707	-1.01245	0.00569956	1.79535	1.79535	0.00209667	0.497314	-2.0108	0.208461	1.23866	1.23866	0.515873	0.899124	-1.11219	0.00672213	1.76347	1.76347	0.0345501	1.48859	1.48859	0.799712	0.959795	-1.04189	0.803312	0.960521	-1.0411	6.70617	2.767	0.366761	1
cg15672498	CHD5	0.00689434	0.00249877	0.379852	-2.6326	0.0129509	0.491261	-2.03558	0.583444	1.13611	1.13611	0.0775328	0.636267	-1.57167	0.0159383	0.506552	-1.97413	0.482537	0.848346	-1.17876	0.000602787	0.295499	-3.3841	0.378393	0.811997	-1.23153	0.871807	1.03791	1.03791	6.64655	5.5898	0.747562	1
cg04714195	CHD5	0.00725461	0.808496	1.04845	1.04845	0.949265	1.01248	1.01248	0.612486	0.905266	-1.10465	0.0356467	1.61036	1.61036	0.000304865	0.318815	-3.13662	0.0693782	1.4856	1.4856	0.586163	1.11306	1.11306	0.269786	0.799387	-1.25096	0.0972283	1.42566	1.42566	6.54175	3.93346	0.534476	1
cg15073708	CHD5	0.00840684	0.387208	0.775978	-1.2887	0.0463713	0.520496	-1.92124	0.447032	0.801096	-1.24829	0.0897469	1.70787	1.70787	0.00266381	0.304556	-3.28347	0.0306602	2.06808	2.06808	0.0032086	0.316303	-3.16152	0.505479	1.21331	1.21331	0.683544	0.889337	-1.12443	6.24572	8.10018	1.15281	1
cg12276513	CHD5	0.00980046	0.0078441	41.7277	41.7277	0.010642	33.5205	33.5205	0.0486376	11.7399	11.7399	0.0263733	17.8107	17.8107	0.00731025	43.9188	43.9188	0.0424821	12.8697	12.8697	0.0030734	84.11	84.11	0.00526208	55.9344	55.9344	0.0391434	13.6058	13.6058	5.94882	112.675	16.8363	1
cg26574904	CHD5	0.0101464	0.90178	0.979739	-1.02068	0.803462	1.04221	1.04221	0.00567191	1.8251	1.8251	0.00179533	2.08842	2.08842	0.0346058	0.664672	-1.5045	0.33367	1.17977	1.17977	0.0413327	1.4772	1.4772	0.0281398	1.53703	1.53703	0.185629	1.26199	1.26199	5.88319	2.56104	0.386947	1
cg17133774	CHD5	0.0121715	0.0109795	0.372955	-2.68129	0.229625	0.677341	-1.47636	0.0599461	0.518957	-1.92694	0.953976	0.98232	-1.018	0.00797497	0.349561	-2.86073	0.333669	0.734784	-1.36094	0.000569927	0.192199	-5.20294	0.90049	0.962076	-1.03942	0.0809059	0.549818	-1.81878	5.54788	8.39268	1.34469	1
cg26796642	CHD5	0.0135532	0.0544968	1.68736	1.68736	0.0369036	1.78825	1.78825	0.931596	0.979622	-1.0208	0.0374331	0.560395	-1.78446	0.0509012	0.586647	-1.7046	0.00269278	2.70331	2.70331	0.172778	1.41615	1.41615	0.829482	0.949593	-1.05308	0.331999	0.786622	-1.27126	5.35661	4.87889	0.809614	1
cg02835274	CHD5	0.0152377	0.482123	1.15271	1.15271	0.440825	0.855246	-1.16925	0.513654	0.876547	-1.14084	0.101379	0.699903	-1.42877	0.536458	0.882917	-1.13261	0.0109346	1.88771	1.88771	0.00110335	0.384114	-2.60339	0.867539	1.03376	1.03376	0.267162	1.25855	1.25855	5.15381	3.23003	0.557091	1
cg05793604	CHD5	0.0157114	0.0269674	2.64255	2.64255	0.644098	1.18837	1.18837	0.729944	1.13718	1.13718	0.0119715	3.19985	3.19985	0.0520434	2.27035	2.27035	0.00990304	3.34961	3.34961	0.488288	0.77013	-1.29848	0.00482715	4.00268	4.00268	0.010387	3.31115	3.31115	5.10176	11.1202	1.93749	1
cg07173934	CHD5	0.0186316	0.907809	0.97203	-1.02877	0.00161583	3.02499	3.02499	0.421204	1.22289	1.22289	0.222695	1.3686	1.3686	0.0867413	0.62922	-1.58927	0.0742121	1.62771	1.62771	0.0523945	0.582623	-1.71638	0.21039	1.38155	1.38155	0.122853	1.50587	1.50587	4.81882	4.57667	0.844221	1
cg01295264	CHD5	0.0191081	0.625743	0.897337	-1.11441	0.121002	0.690355	-1.44853	0.0411538	0.59499	-1.6807	0.389505	0.823379	-1.21451	0.073821	0.64458	-1.5514	0.789572	0.942758	-1.06072	0.000340771	0.280383	-3.56655	0.998822	0.999675	-1.00033	0.785348	0.94161	-1.06201	4.77788	3.67516	0.683735	1
cg24331282	CHD5	0.0205429	0.774871	1.06958	1.06958	0.534483	1.15901	1.15901	0.410568	1.21821	1.21821	0.171013	1.40763	1.40763	0.00108605	0.322682	-3.09902	0.078696	1.58098	1.58098	0.215167	1.35803	1.35803	0.0914603	1.54643	1.54643	0.532376	0.862135	-1.15991	4.66189	4.06231	0.774567	1
cg24886710	CHD5	0.0212745	0.534457	1.26097	1.26097	0.0166736	2.93654	2.93654	0.0160597	2.96253	2.96253	0.0306884	2.54891	2.54891	0.896697	1.04904	1.04904	0.00526297	3.88153	3.88153	0.133392	0.550617	-1.81614	0.13858	1.79978	1.79978	0.0540518	2.23882	2.23882	4.60654	9.9109	1.91243	1
cg05781512	CHD5	0.0233261	0.0201761	0.155196	-6.44348	0.430512	0.585642	-1.70753	0.943546	1.04822	1.04822	0.774292	0.825978	-1.21069	0.00421194	0.0782089	-12.7863	0.523313	1.53744	1.53744	0.00233873	0.0593116	-16.8601	0.392464	0.558475	-1.79059	0.305658	0.493963	-2.02444	4.46313	31.2545	6.22472	1
cg00252804	CHD5	0.0280021	0.0640986	1.74978	1.74978	0.112552	1.59124	1.59124	0.516776	1.19334	1.19334	0.0779113	1.69346	1.69346	0.0383403	0.524482	-1.90664	0.294705	0.746601	-1.3394	0.0188662	0.465422	-2.14859	0.0425461	1.87377	1.87377	0.596966	1.1543	1.1543	4.18767	4.79547	1.0179	1
cg26226608	CHD5	0.0280494	0.335283	0.852971	-1.17237	0.0705198	0.72361	-1.38196	0.0225762	0.645913	-1.5482	0.499783	0.89616	-1.11587	0.956841	0.991376	-1.0087	0.0280391	1.51488	1.51488	0.0350928	1.48132	1.48132	0.531996	0.903647	-1.10663	0.0266011	0.656647	-1.52289	4.18518	1.69794	0.360625	1
cg16519705	CHD5	0.0337234	0.454037	0.829021	-1.20624	0.83344	1.05314	1.05314	0.64969	0.893666	-1.11899	0.449473	1.20863	1.20863	0.200532	1.39435	1.39435	0.00208729	0.344779	-2.90041	0.713875	1.09477	1.09477	0.743802	1.08397	1.08397	0.0218678	1.96674	1.96674	3.91936	3.75231	0.851003	1
cg20773915	CHD5	0.0380814	0.0305783	0.183785	-5.44115	0.0548669	0.234183	-4.27017	0.208381	0.413028	-2.42114	0.330745	0.512175	-1.95246	0.0116495	0.12221	-8.18265	0.0299164	0.182119	-5.49093	0.00561616	0.08858	-11.2892	0.0605234	0.243899	-4.10007	0.0915574	0.289775	-3.45096	3.7502	26.4001	6.25746	1
cg24151926	CHD5	0.0390889	0.214062	0.687464	-1.45462	0.211406	1.45814	1.45814	0.0126686	2.42946	2.42946	0.451256	0.802619	-1.24592	0.153833	0.645719	-1.54866	0.253958	0.710872	-1.40672	0.00943883	0.38967	-2.56628	0.577555	1.1749	1.1749	0.700777	1.11696	1.11696	3.71448	4.82767	1.15528	1
cg10144597	CHD5	0.043172	0.116465	0.467404	-2.13948	0.837788	0.912651	-1.09571	0.705619	0.844331	-1.18437	0.969696	1.01708	1.01708	0.0128404	0.25214	-3.96606	0.14678	2.00245	2.00245	0.00334794	0.168611	-5.93082	0.590201	0.784729	-1.27433	0.550177	0.763724	-1.30937	3.58053	11.274	2.79884	1
cg15578645	CHD5	0.0452324	0.0259363	0.622896	-1.6054	0.365793	0.846733	-1.18101	0.0928818	1.39241	1.39241	0.245396	1.24302	1.24302	0.0502104	0.670508	-1.49141	0.760365	0.946699	-1.0563	0.0172468	0.59484	-1.68112	0.0917303	0.71717	-1.39437	0.703288	1.07092	1.07092	3.51873	1.78659	0.451323	1
cg05382282	CHD5	0.0499486	0.0238192	0.411258	-2.43157	0.0441039	2.14244	2.14244	0.44779	1.29028	1.29028	0.521185	1.23888	1.23888	0.0331636	0.440278	-2.27129	0.117713	1.75011	1.75011	0.225492	0.65749	-1.52094	0.465133	1.27747	1.27747	0.354004	1.36907	1.36907	3.38946	5.82547	1.52774	1
cg03507228	CHD6	0.00378794	0.179516	1.15587	1.15587	0.560047	1.0617	1.0617	0.327078	0.902315	-1.10826	0.151105	1.16919	1.16919	0.0082991	0.709738	-1.40897	0.137311	0.849933	-1.17656	0.000183529	0.526033	-1.90102	0.161917	1.16385	1.16385	0.333709	1.10661	1.10661	7.98229	1.30501	0.145323	1
cg07635106	CHD6	0.00383552	0.00764228	0.725527	-1.37831	0.794086	1.02379	1.02379	0.927209	0.991824	-1.00824	0.000377514	0.57562	-1.73726	0.00770869	1.37752	1.37752	0.0532425	0.817679	-1.22297	0.102622	0.849836	-1.1767	0.311609	1.09914	1.09914	0.475295	1.06757	1.06757	9.2989	1.16358	0.0973238	1
cg08678429	CHD6	0.00743564	0.00484703	0.223476	-4.47474	0.888876	1.05768	1.05768	0.203987	0.584077	-1.7121	0.74741	1.13838	1.13838	0.00174129	0.166842	-5.9937	0.420367	0.71878	-1.39125	0.00217281	0.178094	-5.61501	0.0200751	0.324627	-3.08046	0.0162374	0.307563	-3.25137	6.4915	16.5403	2.26488	1
cg06610464	CHD6	0.0115968	0.122845	0.487852	-2.0498	0.245967	1.68363	1.68363	0.226801	1.72429	1.72429	0.079843	2.30369	2.30369	0.00379097	0.186977	-5.34824	0.412335	0.697772	-1.43313	0.00750531	0.228228	-4.38159	0.0568036	2.52332	2.52332	0.182166	0.544473	-1.83664	5.63556	16.4523	2.59499	1
cg22903773	CHD6	0.0134597	0.129291	1.14947	1.14947	0.00555296	0.733708	-1.36294	0.678422	0.965185	-1.03607	0.346651	1.08585	1.08585	0.0835403	0.849769	-1.17679	0.776266	1.02451	1.02451	0.00100389	0.660324	-1.51441	0.623669	0.958841	-1.04293	0.921021	0.991607	-1.00846	5.36877	0.6142	0.101691	1
cg00514723	CHD6	0.0167083	0.0193144	0.26956	-3.70975	0.559893	0.760977	-1.3141	0.630779	0.799013	-1.25154	0.824756	1.10822	1.10822	0.000875165	0.0990219	-10.0988	0.738846	0.856396	-1.16768	0.0105882	0.225468	-4.43521	0.402748	0.672501	-1.48699	0.0253599	0.291854	-3.42637	4.99831	16.9944	3.02225	1
cg07577569	CHD6	0.0213208	0.0908423	0.635665	-1.57316	0.153263	1.45057	1.45057	0.016942	0.492429	-2.03075	0.0270217	0.528984	-1.89042	0.0371005	0.555045	-1.80166	0.0613522	0.598874	-1.6698	0.0209613	0.508848	-1.96522	0.0102019	0.45483	-2.19862	0.0624259	0.600447	-1.66543	4.60312	4.3128	0.832826	1
cg13629270	CHD6	0.022561	0.227306	1.22619	1.22619	0.0296815	1.50949	1.50949	0.181735	1.25616	1.25616	0.664071	0.932112	-1.07283	0.00266139	0.512465	-1.95135	0.701357	1.06395	1.06395	0.0339386	0.671442	-1.48933	0.897457	0.97947	-1.02096	0.496325	1.11753	1.11753	4.51471	1.85075	0.364389	1
cg08079693	CHD6;CHD6	0.000468864	0.756877	0.977233	-1.0233	0.153622	1.11997	1.11997	0.319207	1.07933	1.07933	0.500837	0.95059	-1.05198	0.838542	0.984984	-1.01525	0.0132946	1.25545	1.25545	0.00550678	0.762916	-1.31076	0.00138626	1.41024	1.41024	2.12E-05	1.88721	1.88721	14.5475	1.26714	0.0774259	1
cg22648811	CHD7	0.00010852	0.00163549	0.635217	-1.57427	0.0717427	0.816894	-1.22415	0.0459751	0.794475	-1.25869	0.00120943	0.620805	-1.61081	0.103089	0.835796	-1.19646	0.23398	0.882047	-1.13373	1.68E-06	0.298915	-3.34543	0.0191254	0.75183	-1.33009	0.074029	1.22174	1.22174	21.6612	3.47147	0.142455	1
cg12844324	CHD7	0.00176275	0.0841691	1.51094	1.51094	0.0087221	2.05829	2.05829	0.0120081	1.96762	1.96762	0.00413514	2.2947	2.2947	0.766801	1.06635	1.06635	0.00125409	2.76697	2.76697	0.000446177	3.30921	3.30921	0.000433597	3.32649	3.32649	0.105952	1.46439	1.46439	10.0022	7.39183	0.656904	1
cg02796478	CHD7	0.00277025	0.0671829	0.525859	-1.90165	0.0038425	3.38937	3.38937	0.00457451	3.26373	3.26373	0.079621	1.83954	1.83954	0.052609	0.5014	-1.99441	0.551237	0.827881	-1.2079	0.00786411	0.343555	-2.91074	0.0048821	3.21844	3.21844	0.772137	1.09524	1.09524	8.76261	13.6222	1.38185	1
cg20648501	CHD7	0.00666203	0.0383065	2.61392	2.61392	0.000766687	7.68841	7.68841	0.371641	1.44364	1.44364	0.553926	1.2708	1.2708	0.0177426	3.17101	3.17101	0.00522292	4.37074	4.37074	0.00367184	4.81697	4.81697	0.00772553	3.93414	3.93414	0.313006	1.51848	1.51848	6.71781	17.0458	2.25547	1
cg04463722	CHD7	0.0119059	0.0747597	1.38308	1.38308	0.423387	0.874938	-1.14294	0.554151	1.10271	1.10271	0.553719	1.10283	1.10283	0.831587	1.03541	1.03541	0.028237	0.654886	-1.52698	0.00123647	0.462271	-2.16324	0.0995721	1.34304	1.34304	0.0516336	1.43611	1.43611	5.58774	2.36268	0.375851	1
cg15591930	CHD7	0.020694	0.679622	0.933563	-1.07117	0.00286838	1.97199	1.97199	0.964335	0.992625	-1.00743	0.241558	1.22499	1.22499	0.0636889	1.41215	1.41215	0.100524	1.34692	1.34692	0.0343191	1.50489	1.50489	0.0245704	0.641921	-1.55783	0.292939	1.19796	1.19796	4.65026	2.0184	0.385813	1
cg26441877	CHD7	0.0210444	0.058467	2.33332	2.33332	0.00912332	3.71622	3.71622	0.295972	1.53648	1.53648	0.302856	1.52651	1.52651	0.01885	3.0878	3.0878	0.0138867	3.33564	3.33564	0.00296803	5.03304	5.03304	0.0282717	2.79104	2.79104	0.0790021	2.16617	2.16617	4.62369	11.5021	2.21123	1
cg07847949	CHD7	0.035961	0.186886	0.739315	-1.3526	0.343762	1.23436	1.23436	0.29599	0.791404	-1.26358	0.298892	0.792595	-1.26168	0.0352061	0.588856	-1.69821	0.461386	0.850543	-1.17572	0.033038	0.583845	-1.71278	0.00422659	0.437427	-2.28609	0.136861	1.41333	1.41333	3.82934	2.82659	0.656124	1
cg25622802	CHD7	0.0473153	0.00525272	0.394622	-2.53407	0.868851	0.959116	-1.04263	0.210423	0.716508	-1.39566	0.344612	0.782002	-1.27877	0.0449685	0.559219	-1.78821	0.0934996	0.627526	-1.59356	0.0117882	0.451814	-2.2133	0.483841	0.835495	-1.1969	0.03105	0.527602	-1.89537	3.45968	3.49623	0.898278	1
cg03275056	CHD7;CHD7	0.00159574	0.000174386	0.650401	-1.53751	0.633425	1.03298	1.03298	0.540405	1.04274	1.04274	0.141933	1.11252	1.11252	0.0778179	1.1415	1.1415	0.795678	0.982629	-1.01768	0.00056031	0.696765	-1.4352	0.120186	1.12057	1.12057	0.448361	1.05356	1.05356	10.2943	0.743517	0.0642007	1
cg22810163	CHD7;CHD7	0.0137586	0.0691969	1.48352	1.48352	0.0657203	0.669889	-1.49279	0.42761	0.854595	-1.17014	0.0332726	0.617105	-1.62047	0.00952175	0.528802	-1.89107	0.00692216	0.507611	-1.97001	0.0491894	1.54585	1.54585	0.607751	0.90444	-1.10566	0.139518	0.734563	-1.36135	5.33025	3.17724	0.529846	1
cg00657582	CHD8	0.000163524	0.753076	0.958961	-1.0428	0.0573991	0.751716	-1.33029	6.12E-06	3.83588	3.83588	0.904269	0.984151	-1.0161	0.735108	0.95591	-1.04612	0.558352	1.08177	1.08177	0.000214801	0.440238	-2.2715	0.729219	0.954906	-1.04722	0.181774	1.20709	1.20709	19.3998	5.41719	0.248212	1
cg10775991	CHD8	0.00304244	0.868481	1.01958	1.01958	0.373469	1.11282	1.11282	0.00495936	1.54537	1.54537	0.501107	1.08317	1.08317	0.0922926	0.805103	-1.24208	0.129518	0.825608	-1.21123	0.00181055	0.595136	-1.68029	0.000977368	1.77496	1.77496	0.551681	1.073	1.073	8.52252	1.84771	0.192714	1
cg19818298	CHD8	0.00349174	0.290542	1.37971	1.37971	0.00111117	0.244181	-4.09533	0.0695146	1.8144	1.8144	0.000593608	0.210954	-4.74036	0.39688	0.775246	-1.28991	0.958353	1.01544	1.01544	0.0911798	0.579288	-1.72626	0.906147	0.965981	-1.03522	0.0557729	1.88883	1.88883	8.17959	11.1554	1.21227	1
cg18541581	CHD8	0.0148084	0.961989	1.0069	1.0069	0.0518309	1.376	1.376	0.00325335	1.78392	1.78392	0.188084	1.22286	1.22286	0.931725	0.987716	-1.01244	0.0961739	1.30152	1.30152	0.879597	0.978372	-1.02211	0.00126748	1.97083	1.97083	0.033365	1.43142	1.43142	5.20276	1.71451	0.292923	1
cg08305969	CHD8;CHD8	0.00133541	0.0004965	0.54437	-1.83698	0.0126294	1.41334	1.41334	0.210381	1.15866	1.15866	0.484893	0.923864	-1.08241	0.00166678	0.605473	-1.6516	0.0153549	0.717516	-1.3937	0.095251	0.815042	-1.22693	0.0707497	0.798283	-1.25269	0.00131665	0.593604	-1.68462	10.8353	2.13628	0.175252	1
cg00842161	CHD8;CHD8;SNORD9	0.0472182	0.681579	1.06844	1.06844	0.153271	0.782418	-1.27809	0.131264	0.769953	-1.29878	0.103087	1.33124	1.33124	0.349612	0.856854	-1.16706	0.0144996	0.616765	-1.62136	0.160796	1.2717	1.2717	0.0522055	1.42521	1.42521	0.294402	0.839885	-1.19064	3.46236	1.41173	0.362432	1
cg12774429	CHD8;CHD8;SUPT16H	0.0301606	0.0264507	0.667768	-1.49753	0.416155	1.13603	1.13603	0.00495437	0.564943	-1.77009	0.0119596	0.618008	-1.61811	[illegible]	[illegible]	[illegible]	0.780156	0.957967	-1.04388	0.257654	0.834589	-1.19819	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08944236	CHD9	6.87E-05	1.55E-06	2.7419	2.7419	0.0294482	0.630852	-1.58516	1.10E-05	2.23377	2.23377	0.000111005	2.31052	2.31052	5.19E-06	3.43151	3.43151	0.0223315	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02851147	CHD9	0.00241484	0.722858	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06272230	CHD9	0.00609635	0.418958	0.936789	-1.06748	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07655761	CHD9	0.00661034	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06351457	CHD9	0.0118127	0.00289209	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00239074	CHD9	0.0134903	0.733575	0.952223	-1.05017	0.00383428	0.572065	-1.74805	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. 637T vs. N)	Fold-Change(563T vs. 637T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg00542139	CHD9	0.01656238	0.88891	1.02263	0.592275	1.00609	1.09069	-2.06274	0.40459385	1.50524	1.50524	1.532486	0.425885	0.133775	1.706143	1.06254	1.06254	0.6701	1.07104	1.07304	0.000603308	0.428655	-2.33288	0.0345138	0.7743031	1.00291	1.01026	5.11026	2.07567	0.363047	1
cg05094137	CHD9	0.01568851	0.0375968	0.585567	-1.7903	0.0126252	0.472997	-2.11418	0.105942	0.652894	-1.53164	0.187563	0.713768	-1.40102	0.00271937	0.3680577	-2.71697	0.0440677	0.572035	-1.74814	0.0027877	0.369637	-2.70535	0.0413025	0.5665103	-1.76522	0.0550183	0.5913388	-1.69094	5.1046	4.712554	0.8206118	1
cg16377939	CHD9	0.02147151	0.100027	0.759113	-1.31733	0.351289	0.863555	-1.15801	0.0123009	1.61089	1.61089	0.907432	1.01795	1.01795	0.137454	0.782986	-1.27716	0.354893	0.864555	-1.15667	0.0917492	0.752823	-1.32833	0.3941163	1.14279	1.14279	0.00322357	0.540834	-1.849	4.59204	1.70091	0.329247	1
cg09688652	CHD9	0.0318241	0.06082621	0.545385	-1.8038	0.00343444	0.329714	-3.03261	0.443758	0.804164	-1.24353	0.0620757	0.5564646	-1.79744	0.00375073	0.3354488	-2.98091	0.1236622	0.62781	-1.59284	0.086031	0.588893	-1.6981	0.131064	0.6494588	-1.57632	0.2275225	0.702151	-1.4242	4.00177	4.938822	1.0969	1
cg04495891	CHD9	0.04444138	0.0238041	0.265225	-3.77039	0.0237601	0.265176	-3.77108	0.0130291	0.219679	-4.55209	0.605389	1.29229	1.29229	0.110261	0.414122	-2.41474	0.535054	0.734139	-1.36214	0.307519	0.59471	-1.68149	0.1113393	2.34695	2.34695	0.2312127	0.539111	-1.85491	3.54286	13.5811	3.40745	1
cg07556569	CHD9	0.066-05	0.00021721	0.389416	-2.56795	0.159536	1.25836	1.25836	0.524274	0.956052	-1.10369	0.639421	0.9309988	-1.07141	1.37E-05	0.249186	-4.00984	0.0277498	0.671841	-1.48845	1.89E-05	0.264511	-3.78056	0.157234	1.26018	1.26018	0.05107564	0.711993	-1.40451	22.7343	8.41603	0.329059	1
cg07292417	CHD9	0.01773969	0.034524	0.173142	-5.7756	0.00265753	0.0521743	-19.1665	0.0434416	0.191661	-5.21754	0.197157	0.379132	-2.63761	0.0601348	0.221272	-4.51933	0.0563974	0.215083	-4.64936	0.00207065	0.0457265	-21.8691	0.288826	0.456913	-2.1886	0.0478518	0.2000225	-4.99939	4.89931	39.2644	7.1238	1
cg18692955	CHD9	0.0401555	0.4466089	0.790048	-1.26575	0.0228114	1.22868	1.22868	0.1601191	0.9603191	0.960317	0.943576	-1.04176	-1.34485	0.5651134	0.8382857	-1.19295	0.2255183	0.678143	-1.47462	0.00212181	0.2137745	-4.59254	0.116208	1.68844	1.68844	0.0546512	0.982932	-1.01757	4.01622	5.73144	1.1064	1
cg18859045	CHD9;CHD9;CHD9;CHD9	0.00435565	0.0679766	0.717743	-1.3936	0.00305248	0.57172	-1.74243	0.0647258	0.95523	0.89021	0.977841	-1.02666	0.5513752	0.5313156	0.8795264	-1.13705	0.156758	0.782135	-1.27855	0.00209697	0.49553	-2.01804	0.01253312	0.6041485	-1.65512	0.0239173	1.54834	1.54834	7.65298	1.1904	1.370563	1
cg05331498	CHD9;IL17RB	0.01794225	0.40636	1.12502	1.12502	0.0182876	0.6722	-1.48765	0.893016	1.01884	1.01884	0.938999	1.01067	1.01067	0.0083216	0.6264004	-1.59641	0.542813	0.918116	-1.08919	0.693915	1.05639	1.05639	0.0383742	0.716936	-1.39483	0.00793162	1.60345	1.60345	4.88038	1.48667	0.270775	1
cg05102092	CHD9;IL17RB	0.02049739	0.5590731	-1.7874	0.00889883	0.784788	1.26076	1.26076	0.0437288	0.958802	-1.67219	0.0200929	0.5459345	-1.84647	0.0326957	0.5803864	-1.72305	0.916344	1.09155	1.09155	0.0192655	0.5636562	-1.77411	0.1931557	0.5375579	-1.73136	0.2852281	1.27332	1.27332	4.62483	3.47187	0.66729	1
cg01035826	CHEK1;CHEK1	0.00201079	0.221343	0.727763	-1.37407	0.184556	0.41608	0.41608	0.035893	0.546942	-1.82835	0.0150568	0.477794	-2.09295	5.26E-05	0.154457	-6.47431	0.0632106	0.596609	-1.67614	0.0249405	0.5155592	-1.93952	0.241708	0.738705	-1.35372	0.0066219	0.41841	-2.39	9.62679	9.31674	0.86026	1
cg00547021	CHEK1;CHEK1;CHEK1	0.011044	0.504284	1.14239	1.16399	0.0003099	3.23566	3.23566	0.00672859	2.19781	2.19781	2.939562	0.927964	-1.67763	0.412009	0.828641	-2.36079	0.329393	1.25642	1.25642	0.857722	0.9405382	-1.05309	0.6182308	1.11918	1.11918	0.2754781	1.28948	1.28948	5.72516	4.55343	0.709666	1
cg15349474	CHEK1;CHEK1;CHEK1	0.0116191	0.102716	0.558527	-1.79042	0.00148343	0.46158	0.46158	0.0124762	0.806722	-1.23958	0.0348573	0.2306	0.2306	0.0348861	0.4615048	-2.23023	0.328024	0.719382	-1.39008	0.955099	0.7331991	-1.36389	0.4983862	0.7991139	-1.25135	0.0705347	0.51719	-1.93353	5.63205	9.49296	1.49824	1
cg00705667	CHEK1;CHEK1;CHEK1	0.02150151	0.00993074	0.241228	-4.14546	0.0153215	0.272606	-3.66832	0.0818005	0.430807	-2.32122	0.133966	0.493756	-2.02529	0.00494034	0.196806	-5.08115	0.0146706	0.269319	-3.71306	0.0123144	0.2564403	-3.90081	0.287867	0.617664	-1.619	0.0730733	0.417747	-2.39379	4.58958	15.8586	2.68406	1
cg13900031	CHEK2;CHEK2;CHEK2;HSCB	0.00552285	0.100299	0.788544	-1.26816	0.4450053	0.779006	-1.35317	0.0020092	0.6019564	-1.66551	0.0129604	0.440193	-2.26722	0.0893722	0.781325	-1.28017	0.828267	1.09268	1.09268	0.1208038	0.5260502	0.8964929	-1.11546	0.1134853	1.24452	1.24452	0.0294924	0.988379	-1.01176	0.5179778	1.09033	1.09033	0.0726328	1.30248	1.13048	1.496285	1
cg05112853	CHEK2;CHEK2;CHEK2;HSCB	0.01114406	0.00814272	0.244731	-4.08612	0.00435534	0.205351	-4.86972	0.210032	0.577549	-1.73146	0.47535	0.739595	-1.35209	0.0133955	0.280048	-3.57081	0.0744707	0.437866	-2.2838	0.00131567	0.1443303	-6.97822	0.1419943	0.5188324	-1.9274	0.020762	0.314478	-3.17987	5.7091	15.6153	2.43125	1
cg22503760	CHEK2;CHEK2;HSCB	0.0214908	0.264179	0.595855	-1.67826	0.0050186	0.19529	-2.98249	0.0459524	0.361452	-2.76662	0.00401767	0.379161	-2.58156	0.4091308	0.687008	-1.45559	0.0075907	0.203002	-4.9247	0.0113471	0.2564546	-3.93702	0.0205921	0.2891681	-3.45805	0.141754	0.495188	-2.01944	4.59502	14.4027	2.78615	1
cg04776735	CHEK2;CHEK2;CHEK2;HSCB	0.0380294	0.2894345	0.848328	-1.17829	0.4060605	0.879235	-1.13735	0.1011168	0.764154	-1.30802	0.1112421	0.772191	-1.29502	0.0040199	0.56095	-1.78269	0.144547	0.79101	-1.26421	0.0027415	0.1558872	-1.85573	0.434312	1.12675	1.12675	0.1404087	0.788622	-1.26803	4.68244	1.48361	0.315024	1
cg05718343	CHEK2;HSCB;CHEK2;CHEK2	0.039357	0.975284	0.990879	-1.00921	0.585622	0.849735	-1.17684	0.273664	0.711957	-1.40065	0.00475634	0.329955	-3.03071	0.0568418	0.528602	-1.89178	0.0432184	0.502657	-1.98943	?	?	?	0.0124841	0.398792	-2.50757	0.11649	0.603819	-1.65613	3.76362	4.63523	1.23159	1
cg24228330	CHERP	7.43E-05	0.150965	-5.87128	0.0132977	0.556439	-2.35265	-1.79719	0.0035641647	0.274956	-3.63695	0.807882	0.955335	-1.0461	1.82E-05	0.178862	-5.59089	0.322787	0.74196	-1.34756	0.222751	0.022296	1.71464	1.77477	0.3997011	1.42	1.42	0.1158211	0.714253	-1.40006	26.9701	14.7436	0.545663	1
cg22746351	CHERP	0.00014805	9.50E-05	0.243451	-4.1076	6.35E-05	0.224513	-4.46169	0.0007756	0.355615	-2.81203	0.0044558	0.325838	0.325847	-3.06893	0.357621	0.825075	-1.21201	0.385968	1.19798	1.19798	0.4932388	1.1519	1.1519	0.0010077	0.249415	-4.00938	0.412225	0.843325	-1.18578	19.927	13.0375	0.58157	1
cg02967955	CHERP	0.00016393	0.000800524	0.31825	-3.28423	0.0100623	1.83773	1.83773	0.120775	0.664325	-1.50505	0.0013805	0.2926	0.29172	-3.42926	0.0196832	0.2926	-3.41766	0.578437	1.72967	0.0764045	0.4091007	2.44501	0.0001313	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1
cg08286348	CHERP	0.00028184	0.336319	0.860431	-1.16221	0.00047199	0.434798	-2.29992	0.950997	0.990724	-1.00936	0.00498383	0.569163	-1.75697	0.470739	0.894708	0.117684	0.398017	0.87726	-1.13991	0.0013924	0.4954154	-2.01851	0.254407	1.19776	1.19776	8.93E-06	0.232281	4.30513	16.7279	6.09137	0.323684	1
cg26918011	CHERP	0.00032969	0.00134049	0.6337	-1.57803	0.0126722	0.738401	-1.35428	0.0177397	0.754118	-1.32605	0.0387652	0.79118	-1.26394	0.00014054	0.525564	1.90272	0.555043	0.500026	-1.9999	0.0013083	0.2278224	-4.38939	0.0549491	0.49905	-2.00381	0.00688904	0.327208	-4.05616	0.61351	1.5607	1.43573	1
cg17737471	CHERP	0.0061157	0.9119857	0.978018	-1.02248	0.555358	1.1274	1.1274	0.0938459	1.44826	1.44826	0.00132107	0.390951	-2.55786	0.5693556	1.12255	1.12255	0.590324	0.8965	-1.11545	0.000908196	0.3688313	-2.71127	0.2484664	0.7846446	-1.27446	0.0250567	0.585186	-1.70886	6.89834	4.41513	0.568914	1
cg34537481	CHERP	0.00026071	0.8038854	1.07948	-1.07948	0.5976846	1.12332	1.12332	0.1035268	1.48922	1.48922	1.69922	0.7117542	0.8977239	-1.1151	0.1815158	1.53013	1.53013	1.53013	0.0026772	0.287986	-3.47239	?	?	?	0.0124841	0.398792	-2.50757	0.11649	0.603819	-1.65613	3.76362	4.63523	1.23159	1
cg06917546	CHERP	0.01258555	0.409159	0.26829	1.26829	0.506201	1.20913	1.20913	0.107742	0.6007071	-1.63914	0.8119601	1.0694	1.0694	0.0003668	0.1203113	0.923336	0.381045	0.776495	-1.28784	0.0694842	1.77124	1.77124	0.707092	1.10368	1.10368	0.1724447	0.1644411	0.5650748	5.48774	4.88975	1.11596	1
cg23641091	CHERP	0.01228335	0.417874	1.27967	1.27967	0.0028775	3.39119	3.39119	0.0476348	1.96352	1.96352	0.0378688	2.04868	2.04868	0.00462576	0.3255038	-3.07212	0.436699	1.26662	1.26662	0.189218	1.5133	1.5133	0.365063	1.31947	1.31947	0.3639441	1.32037	1.32037	5.45304	7.66322	1.24917	1
cg22297202	CHERP	0.0145834	0.1787267	1.14584	1.14584	0.0756326	1.29167	1.29167	0.0236105	1.62635	1.62635	0.0136953	1.96452	1.96452	0.0001243	0.2964046	-3.63695	0.807882	1.16639	1.16639	0.0178862	0.1388673	2.13589	0.0001243	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1
cg09284336	CHERP	0.0233885	0.233843	0.844096	-1.1847	0.314867	0.868372	-1.15158	0.149473	0.810684	-1.23353	0.915871	1.01445	1.01445	0.00445049	0.491262	2.03558	0.347367	0.876871	-1.14042	0.0665472	1.32232	1.32232	0.973791	0.9955549	-1.00447	0.671487	0.943716	-1.05964	4.59502	1.30231	0.25961	1
cg25451122	CHERP;C19orf44	0.0013565	0.0001435	-13.1597	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	0.0001435	1
cg10396588	CHERP;C19orf44	0.038016	0.0324836	0.462041	-2.16431	0.598963	0.849009	-1.17784	0.323301	1.36981	1.36981	0.47047	0.797348	-1.25416	0.00207021	0.2624431	3.81053	0.102495	0.576297	-1.73522	0.306009	1.38668	1.38668	0.338039	0.737394	-1.35613	0.164499	0.632885	-1.58007	3.75256	1.65444	1.3394	1
cg18098743	CHERP;C19orf44	0.0182411	0.0134781	0.569807	-1.75498	0.2823154	1.22804	1.22804	0.761626	1.05754	1.05754	0.828185	1.040791	1.040791	0.00154756	0.1543547	6.761329	0.341842	0.835191	-1.19733	0.00766787	1.87789	1.87789	0.358105	0.840488	-1.18979	0.145644	0.750299	-1.3328	3.74466	2.0052	0.476009	1
cg00678398	CHERP;C19orf44	0.0473666	0.464827	1.064014	1.064014	0.2230529	1.12275	1.12275	0.120775	0.664325	-1.50505	0.0013805	0.2926	0.29172	-3.42926	0.0196832	0.2926	-3.41766	0.578437	1.72967	0.0764045	0.4091007	2.44501	0.0001313	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1
cg08228886	CHFR;CHFR;CHFR;CHFR;CHFR	6.20E-06	0.0278268	0.667083	-1.49906	1.64E-05	0.251287	-3.97951	1.45E-05	0.245368	-4.07551	4.70E-06	0.195297	-5.12042	1.71E-06	0.154831	-6.45867	4.18E-05	0.296713	-3.37026	0.010234	0.6040662	-1.65546	0.4393314	0.8844418	-1.13069	1.27E-05	0.239266	-4.17944	45.9058	17.6301	0.341378	1
cg10205498	CHFR;CHFR;CHFR;CHFR;CHFR	0.00026593	0.0003717	0.454879	-2.19859	0.4410274	0.47955	-1.17895	0.344525	0.827301	-1.20875	0.0020298	0.4644384	0.15978	3.15778	0.5506.05	0.21067	-4.74076	0.0063557	0.4997447	-2.00262	0.0022758	0.3347638	-2.98811	-1.30942	0.215651	0.7636854	-1.32376	0.4618655	0.7726257	-1.29424	57.7589	10.7497	0.538059	1
cg24532476	CHFR;CHFR;CHFR;CHFR;CHFR	0.00059666	0.0155048	0.24241	2.42341	0.1925	1.15868	1.50868	0.00042628	5.27582	5.27582	0.134869	0.6314334	-1.61699	0.0140563	2.4692	2.4692	0.0044565	0.326	3.06906	0.0013744	0.2494481	-4.00832	0.0064174	0.287802	2.87802	0.2401264	0.201792	2.13094	0.1525	19.1525	1.2513	1
cg07951978	CHFR;CHFR;CHFR;CHFR;CHFR	0.00073424	0.752947	0.918172	-1.08912	0.122903	1.5713	1.5713	0.0136878	2.28031	2.28031	0.788145	1.07554	1.07554	4.77E-05	0.126064	-7.93248	0.0021253	0.311174	-3.21163	0.598016	1.15472	1.15472	0.0368276	1.92637	1.92637	0.1513353	1.515137	1.515137	12.8355	14.8955	1.02906	1
cg19205498	CHFR;CHFR;CHFR;CHFR;CHFR	0.00111546	0.307335	0.749493	-1.33419	0.410274	0.47955	-1.17895	0.344525	0.827301	-1.20875	0.0020298	0.4644384	0.15978	3.15778	0.5506.05	0.21067	-4.74076	0.0063557	0.4997447	-2.00262	0.0022758	0.3347638	-2.98811	-4.20953	0.163973	0.7636854	-1.32831	0.4618313	0.7726257	-1.29424	57.7589	10.7497	0.538059	1
cg-12.2933188E	CHFR;CHFR;CHFR;CHFR;CHFR	0.00130902	0.01751192	0.4966577	-2.01346	0.0229836	0.373126	-2.68006	0.00483476	0.404657	-2.47123	0.04843	0.579371	-1.73601	0.00623747	0.4223344	-2.36774	0.0011936	0.316842	-3.15615	0.887755	0.966392	-1.03479	0.1190574	1.50603	1.50603	0.00421159	0.573871	0.85987	10.1126	0.824864	1	
cg00353781	CHFR;CHFR;CHFR;CHFR;CHFR	0.00034473	0.0003163	0.439802	-2.27403	0.0123618	0.213313	0.213313	0.0012792	0.3707	0.13783	-7.25555	0.1422	0.14222	0.020758	0.4633289	-2.15811	0.2261	0.0042508	0.347254	-2.87974	0.0153753	0.1048222	0.047442	0.2611	0.0042508	0.347254	-2.87974	0.0153721	0.719368	-1.39005	0.047447	1	
cg14853265	CHFR;CHFR;CHFR;CHFR;CHFR	0.00161858	0.118722	0.807547	-1.23832	0.00234304	1.70924	1.70924	0.421309	0.901507	-1.10925	0.011662	1.48864	1.48864	0.000672366	0.5186514	-1.92807	0.0045825	0.620118	-1.61026	0.431551	1.10663	1.10663	0.925009	1.98187	1.98187	-1.01195	0.0301976	0.724923	-1.37946	10.2522	2.58674	0.224276	1
cg26394625	CHFR;CHFR;CHFR;CHFR;CHFR	0.00202098	0.571136	0.787097	-1.27048	0.2978644	1.19169	1.19169	0.0138508	1.83724	1.83724	0.0007985	2.61724	2.61724	0.000164	0.1810293	5.52425	0.1088399	0.1473594	6.78629	0.0001243	0.0135225	7.39482	0.0001243	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1
cg14196195	CHFR;CHFR;CHFR;CHFR;CHFR	0.00280727	0.234661	0.77733	-1.29539	0.0005058	0.251287	-3.97951	0.0115251	0.466598	-2.14314	0.0065349	0.3373124	0.32924	-3.03766	0.4633289	-2.15811	0.2261	0.0042508	0.347254	-2.87974	0.0153753	0.1048222	0.047442	0.2611	0.0042508	0.347254	-2.87974	0.0153721	0.719368	-1.39005	0.047447	1
cg10223066	CHFR;CHFR;CHFR;CHFR;CHFR	0.00330229	0.340376	1.63604	1.63604	7	7	0.522581	0.722771	-1.38356	7	7	7	7	7	7	7	0.0001047	0.032237	-31.0202	0.825303	1.11712	1.11712	0.865868	1.08839	1.08839	0.858823	0.9146611	-1.0933	0.03587	23.9479	3.53376	1
cg02507604	CHFR;CHFR;CHFR;CHFR;CHFR	0.00336847	0.331745	1.25263	1.25263	0.000821892	0.959115	-2.78462	0.0023109	0.7202	-1.38896	0.0013652	0.7202	-1.38896	0.0013652	0.7202	-1.38896	0.0723124	0.71458	-1.39926	0.0017296	0.2445739	0.6153642	0.9001705	-1.11091	0.5449997	0.882297	-1.13254	4.26795	5.4405	0.581147	1
cg26609691	CHFR;CHFR;CHFR;CHFR;CHFR	0.00502618	0.137394	0.83036	-1.2043	0.16271	1.18904	1.18904	0.0127116	0.697836	-1.433	0.632044	0.945488	-1.05765	0.7719014	1.03435	1.03435	0.749657	1.0379	1.0379	0.00118159	1.73796	1.73796	0.0086656	0.677891	-1.47516	0.0178795	0.715751	1.39713	7.3269	1.56648	0.190043	1
cg21827294	CHFR;CHFR;CHFR;CHFR;CHFR	0.00654879	0.0015342	-1.51576	0.00118866	2.22714	2.22714	0.301209	0.834674	-1.15779	0.374285	1.56608	1.56608	0.027534	0.2964949	-1.61564	0.2231555	0.632791	1.58004	0.0001243	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1		
cg06138253	CHFR;CHFR;CHFR;CHFR;CHFR	0.00753546	0.879819	0.188004	-5.32035	0.357355	0.881604	-1.1343	0.745858	0.673295	-1.48523	0.0473974	1.3525	1.3525	0.526565	1.08917	1.08917	0.1540932	1.08453	-1.08453	0.0802844	0.2049	4.88359	1.02873	1.02873	0.464945	1.01414	0.848359	1.02713	1.02713	6.46455	1.81437	0.249483	1
cg04044684	CHFR;CHFR;CHFR;CHFR;CHFR	0.00755996	0.670856	1.05719	1.05719	0.00110992	0.241884	0.241884	0.131879	1.23562	1.23562	0.0962246	1.26824	1.26824	0.568404	1.07796	1.07796	0.0120863	1.50242	1.50242	0.165646	1.2121	1.2121	0.351598	1.13282	1.13282	0.152997	1.2203	1.2203	4.65787	1.73102	0.238265	1
cg27382164	CHFR;CHFR;CHFR;CHFR;CHFR	0.0114848	0.0247773	0.3268	-3.06057	0.1310258	1.60047	1.60047	0.147473	0.844566	-1.18386	0.0243165	1.47728	1.47728	0.0277942	0.84304	1.18464	0.2219385	0.576601	-1.7343	0.000430353	0.0772118	-12.9514	0.2713074	1.63319	1.63319	0.7868166	0.8909975	-1.12237	5.60253	16.2398	2.18528	1
cg22381955	CHFR;CHFR;CHFR;CHFR;CHFR	0.0119995	0.00848654	0.612618	-1.63234	0.0142377	0.643408	-1.55422	0.493233	0.803473	-1.10684	0.4905132	1.10593	1.10593	0.7776323	0.9939363	-1.00436	0.0031042	1.80406	1.80406	0.307092	1.3919	1.3919	0.2775669	1.17977	1.17977	0.653857	0.9623153	-1.06809	5.73757	1.87761	0.299447	1
cg15002700	CHFR;CHFR;CHFR;CHFR;CHFR	0.01144524	0.0123118	0.148383	-3.15758	0.867761	1.06372	1.06372	0.72125	0.87563	-1.14203	0.0678996	0.468574	-2.13414	0.425451	0.739549	1.35218	0.0042383	0.126213	-7.9231	0.0992393	1.77124	1.77124	0.0001243	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1
cg13669769	CHFR;CHFR;CHFR;CHFR;CHFR	0.01838661	0.489663	0.858259	-1.16515	0.821554	0.951988	-1.05043	0.825161	0.952954	-1.04937	0.00706832	0.468515	-2.1344	0.0169279	0.530213	-1.88604	0.0291208	0.571181	-1.75076	0.0132969	1.95055	1.95055	0.53171	0.872741	-1.14582	0.238337	1.30865	1.30865	4.80442	3.63664	0.667829	1
cg20065718	CHFR;CHFR;CHFR;CHFR;CHFR	0.04344513	0.0001243	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1	1.1268	1.1268	0.1274946	1.17932	1.17932	1.17932	0.0001243	0.1574	0.726142	-1.37734	0.030213	0.982806	-1.01749	3.43827	2.74729	0.551925	1		
cg23030397	CHFR;CHFR;CHFR;CHFR;CHFR	0.02446572	0.0910064	0.685057	-1.45973	0.0660541	0.655699	-1.52509	0.834745	0.958143	-1.04369	0.116526	0.705346	-1.41774	0.0186189	0.557731	-1.79298	0.287247	0.797585	-1.25379	0.001747	0.400198	-2.49253	0.845469	0.960847	-1.04075	0.00906731	0.507236	-1.97547	4.39059	2.9132	0.589786	1
cg05506452	CHFR;CHFR;CHFR;CHFR;CHFR	0.02512581	0.0317791	0.417117	-2.39703	0.0237601	0.265176	-3.77108	0.0130291	0.219679	-4.55209	0.605389	1.29229	1.29229	0.110261	0.414122	-2.41474	0.535054	0.734139	-1.36214	0.307519	0.59471	-1.68149	0.1113393	2.34695	2.34695	0.2312127	0.539111	-1.85491	3.54286	13.5811	3.40745	1
cg08237117	CHFR;CHFR;CHFR;CHFR;CHFR	0.0256034	0.22068	0.833382	-1.19993	0.2718671	0.832684	-1.20094	0.544264	0.916788	-1.09076	0.0165194	0.660625	-1.51372	0.419096	0.887703	0.12397	0.287762	1.691	1.691	0.00104546	0.503191	-1.98731	0.704153	1.05549	1.05549	0.105663	0.778641	1.28429	4.3212	3.37138	0.2821	1
cg21273703	CHFR;CHFR;CHFR;CHFR;CHFR	0.02758153	0.0026242	0.103783	-9.63546	0.530445	1.49807	1.49807	0.836574	0.876894	-1.14039	0.0085982	0.11867	-8.42676	0.737808	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg24307799	CHL1	0.0497971	0.0784549	1.5844	1.5844	0.817151	0.946933	-1.05604	0.736254	1.08284
cg22607365	CHM	0.00950178	0.0971917	2.28052	2.28052	0.0134105	4.00194	4.00194	0.0140954	3.94438
cg25488547	CHM;CHM	0.000402114	0.526946	0.883449	-1.13193	0.13377	0.731529	-1.367	0.382625	0.841069
cg02168925	CHM;CHM	0.00787199	0.235597	1.33933	1.33933	0.0158169	0.499129	-2.00349	0.386108	1.23225
cg25841909	CHM;CHM	0.0432257	0.0138249	0.207607	-4.81679	0.00251363	0.11437	-8.74354	0.144418	0.444808
cg06047934	CHMP1A;CHMP1A	9.70E-06	1.36E-06	0.260273	-3.84212	0.00108115	1.69213	1.69213	9.14E-06	0.351326
cg00355690	CHMP1A;CHMP1A	3.16E-05	0.147658	0.783777	-1.27587	0.840537	0.968899	-1.0321	0.0674551	0.725176
cg22314562	CHMP1A;CHMP1A	3.58E-05	0.655883	1.08685	1.08685	0.684988	0.927065	-1.07867	0.240686	0.796055
cg03597607	CHMP1A;CHMP1A	0.000648853	2.36E-05	0.126928	-7.87849	0.0250828	1.91862	1.91862	0.0611545	1.6752
cg27134767	CHMP1A;CHMP1A	0.00453246	0.0298125	0.348911	-2.86606	0.00396406	0.202782	-4.93141	0.078609	2.23559
cg10485881	CHMP1A;CHMP1A	0.0122656	0.516245	1.22146	1.22146	0.0924575	0.569614	-1.75558	0.0400976	0.486286
cg09399405	CHMP1A;CHMP1A	0.0250035	0.318321	0.869839	-1.14964	0.00108872	1.91878	1.91878	0.13631	1.24235
cg07798295	CHMP1A;CHMP1A	0.0282538	0.190726	0.768891	-1.30058	0.742173	1.06462	1.06462	0.19764	0.772361
cg04240660	CHMP1A;CHMP1A	0.042716	0.950567	0.982409	-1.01791	0.0487752	1.90449	1.90449	0.109802	1.64708
cg07596086	CHMP1A;CHMP1A;C16orf55	0.00403777	0.00439911	0.550403	-1.81685	0.129375	1.29345	1.29345	0.163221	1.26327
cg26681017	CHMP1A;CHMP1A;C16orf55	0.00650512	0.0312757	0.401161	-2.49277	0.00992379	0.308077	-3.24594	0.302909	0.679937
cg05441039	CHMP1A;CHMP1A;C16orf55	0.00973435	0.219416	0.616091	-1.62314	0.085075	0.489638	-2.04233	0.0219802	0.356808
cg15993402	CHMP1A;CHMP1A;C16orf55	0.0179598	0.253584	1.2061	1.2061	0.191622	1.24268	1.24268	0.210356	1.23054
cg25080206	CHMP1B;GNAL;CHMP1B;GNAL;GNAL	0.0065098	0.0478047	0.476671	-2.09788	0.000558779	0.173336	-5.76914	0.0127151	0.362839
cg15232427	CHMP1B;GNAL;CHMP1B;GNAL;GNAL	0.00789916	0.0102212	0.441724	-2.26386	0.81333	1.06151	1.06151	0.0534368	0.574879
cg19803976	CHMP1B;GNAL;GNAL;GNAL	0.00524518	0.0410769	0.755957	-1.32283	0.00188365	1.68708	1.68708	0.00103431	1.78039
cg11960001	CHMP2A;CHMP2A	3.14E-07	0.055274	0.803219	-1.24499	0.126817	0.846584	-1.18122	2.50E-09	16.167
cg16022317	CHMP2A;CHMP2A	9.89E-06	0.000476359	0.373394	-2.67814	0.535724	1.11922	1.11922	2.86E-07	15.075
cg17223189	CHMP2A;CHMP2A	2.33E-05	0.000379796	0.42444	-2.35605	0.0701058	0.736613	-1.35756	4.41E-07	8.64563
cg11983506	CHMP2A;CHMP2A	2.60E-05	0.308483	1.15033	1.15033	0.636837	1.06523	1.06523	2.32E-07	7.8635
cg03175049	CHMP2A;CHMP2A	0.000245132	0.000220481	0.341795	-2.92573	0.171652	1.28892	1.28892	0.027792	0.635354
cg26621911	CHMP2A;CHMP2A	0.000252847	0.251064	1.13697	1.13697	0.151285	0.848237	-1.17892	0.114386	1.20179
cg13952954	CHMP2A;CHMP2A	0.002069	0.655949	0.896585	-1.11534	0.73767	1.08528	1.08528	2.24E-05	7.9165
cg08305796	CHMP2A;CHMP2A	0.0324796	0.652885	1.22363	1.22363	0.264446	0.595408	-1.67952	0.000828494	9.43246
cg12553198	CHMP2A;CHMP2A;CHMP2A	2.52E-05	0.0623518	0.644937	-1.55054	0.151868	1.37845	1.37845	2.14E-07	26.5359
cg14042128	CHMP2A;CHMP2A;CHMP2A	0.00288854	0.0494936	0.793848	-1.25969	0.227167	1.1395	1.1395	6.92E-05	2.11442
cg18521841	CHMP2A;CHMP2A;UBE2M	0.00177815	0.000680117	0.431471	-2.31765	0.00308412	0.519074	-1.92651	0.033899	0.669696
cg19417549	CHMP2A;CHMP2A;UBE2M	0.00342828	0.0335797	0.681293	-1.4678	0.58562	0.918416	-1.08883	0.378924	1.14975
cg15123180	CHMP2A;CHMP2A;UBE2M	0.0120854	0.208678	0.765143	-1.30694	0.701617	0.925191	-1.08086	0.518999	1.14116
cg12229764	CHMP2A;UBE2M;CHMP2A	0.000161385	0.124024	0.808818	-1.23637	0.520227	0.920324	-1.08657	0.282263	1.15296
cg21618549	CHMP2A;UBE2M;CHMP2A	0.00187943	0.0659336	0.43379	-2.30526	0.0279731	0.349551	-2.86081	0.174692	0.557433
cg25345422	CHMP2A;UBE2M;CHMP2A	0.0025658	0.969562	1.00912	1.00912	0.0605553	0.604345	-1.65468	0.193716	0.720883
cg11774545	CHMP2A;UBE2M;CHMP2A	0.00269134	0.00423358	0.602805	-1.65891	0.00898357	0.64455	-1.55147	0.532203	0.919762
cg01531058	CHMP2A;UBE2M;CHMP2A	0.0074833	0.131864	0.651887	-1.53401	0.0216971	0.484295	-2.06486	0.221248	0.712992
cg11426899	CHMP2A;UBE2M;CHMP2A	0.0468918	0.11071	0.654307	-1.52833	0.460073	1.2015	1.2015	0.420479	1.22247
cg11326485	CHMP2B	0.012663	0.000497111	0.332208	-3.01016	0.0146705	1.83595	1.83595	0.731834	1.07204
cg08473324	CHMP2B	0.0167552	0.0859127	1.33569	1.33569	0.0748099	1.35345	1.35345	0.863104	1.02667
cg19007988	CHMP2B	0.0210986	0.0838869	0.325895	-3.06847	0.00187898	0.0754821	-13.2482	0.0239606	0.206222
cg11854579	CHMP2B;CHMP2B	0.0125978	0.609264	0.945188	-1.05799	0.57202	1.06443	1.06443	0.000334047	1.88297
cg18202861	CHMP4A	0.00629298	0.16101	0.826568	-1.20982	0.509071	0.918313	-1.08895	0.00131383	1.81287
cg09655116	CHMP4A	0.0161363	0.191415	0.75796	-1.31933	0.00939088	1.93449	1.93449	0.00180804	2.43252
cg03355213	CHMP4B	0.0017777	0.476634	0.747772	-1.33731	0.000871678	0.134563	-7.43147	0.0687961	0.441318
cg05196101	CHMP4B	0.00356701	0.372512	0.852837	-1.17256	0.439965	1.14676	1.14676	0.866737	1.02963
cg24604988	CHMP4B	0.0087613	0.00458819	0.409971	-2.43919	0.0010828	0.319817	-3.12679	0.964554	0.989554
cg26398063	CHMP4B	0.0134414	0.439979	0.738219	-1.35461	0.599489	1.22656	1.22656	0.541124	1.26924
cg07996548	CHMP4B	0.0140295	0.0011104	0.0625203	-15.9948	0.326467	0.557384	-1.7941	0.493265	1.49397
cg03864128	CHMP4B	0.0286339	0.176192	0.768368	-1.30146	0.00323611	0.479064	-2.0874	0.0645715	0.683582
cg02435593	CHMP4B	0.0397685	0.207392	1.19042	1.19042	0.00176607	0.557695	-1.79309	0.110026	0.795829
cg20639948	CHMP4C	0.00149188	0.106678	2.06678	2.06678	0.000863792	7.85548	7.85548	0.49536	1.33021
cg07583137	CHMP4C	0.0377631	0.105984	0.295931	-3.37917	0.0416301	0.197931	-5.05227	0.025092	0.159201
cg14638840	CHMP4C	0.0477555	0.0226916	4.69876	4.69876	0.0154784	5.39139	5.39139	0.0116272	5.98443
cg20903433	CHMP6	0.000125858	0.0021756	0.544868	-1.83531	0.0121096	0.643008	-1.55519	0.0088253	0.624554
cg25069742	CHMP6	0.000529911	0.039531	1.89201	1.89201	6.14E-05	0.138056	-7.24342	0.00665479	0.389441
cg13390332	CHMP6	0.00170729	0.144265	0.780418	-1.28136	0.00765262	0.581646	-1.71926	0.00964299	0.59582
cg07030701	CHMP6	0.00628584	0.910146	0.980837	-1.01954	0.299163	0.831581	-1.20253	0.409015	1.15572
cg01454963	CHMP6	0.0306373	0.706959	1.07061	1.07061	0.867147	1.03071	1.03071	0.0145519	1.72243
cg24810594	CHMP7	0.000784944	0.040248	0.690766	-1.44767	0.0109619	1.64602	1.64602	0.00612291	1.74797
cg17048073	CHMP7	0.00885044	0.257215	0.822878	-1.21525	0.00492698	0.541139	-1.84795	0.00045823	0.402657
cg22708902	CHMP7	0.0224198	0.405502	0.794165	-1.25918	0.267618	1.36714	1.36714	0.00434133	0.356241
ch.8.575115F	CHMP7	0.0331124	0.111242	0.437067	-2.28798	0.00231158	0.131234	-7.62	0.00303464	0.144027
cg16142218	CHMP7;CHMP7	0.000363093	0.69109	0.927251	-1.07846	0.430602	0.858877	-1.16431	0.138927	0.739922
cg09366397	CHN1;CHN1	0.000928293	0.598365	1.13632	1.13632	0.146336	0.687368	-1.45483	0.136173	1.47117
cg00235460	CHN1;CHN1	0.00779482	0.0113277	0.332507	-3.00746	0.0218921	0.384809	-2.5987	0.0304741	0.413532
cg09456216	CHN1;CHN1	0.0192396	0.639722	1.06069	1.06069	0.42842	1.10631	1.10631	0.122765	1.23242
cg21361856	CHN1;CHN1	0.0217375	0.024305	0.270381	-3.69849	0.0602148	0.356057	-2.80854	0.281038	0.579335
cg10508185	CHN1;CHN1	0.0249957	0.197179	0.796592	-1.25535	0.153433	1.29042	1.29042	0.00138097	0.461311
cg17762124	CHN1;CHN1	0.0261426	0.474671	0.792248	-1.26223	0.568335	1.20286	1.20286	0.357607	0.738569
cg16907154	CHN1;CHN1	0.0428524	0.357196	0.828192	-1.20745	0.843748	0.961476	-1.04007	0.525319	1.1367
cg23003258	CHN1;CHN1;CHN1	0.00109003	0.0608406	1.51003	1.51003	0.89878	1.02466	1.02466	0.0521982	0.649649
cg24804652	CHN2	0.00384025	0.0741746	0.743809	-1.34443	0.00731481	0.597852	-1.67265	0.699758	1.05934
cg11736112	CHN2	0.0283062	0.0407311	0.284776	-3.51153	0.0468906	0.298332	-3.35198	0.249083	0.527016
cg26283963	CHN2	0.0346484	0.474586	0.913989	-1.0941	0.241288	0.859241	-1.16382	0.0344002	0.736996
cg18200783	CHN2;CHN2	0.0259175	0.354029	0.844369	-1.18432	0.091568	1.3904	1.3904	0.102393	1.37314
cg23751035	CHN2;CHN2	0.0413601	0.598578	1.32612	1.32612	0.00923385	5.78718	5.78718	0.0991475	2.61296
cg21148025	CHODL	4.11E-05	0.00100808	0.424007	-2.35845	4.05E-05	0.252171	-3.96557	0.00011032	0.302265
cg12743978	CHODL	0.0049276	0.409335	0.86302	-1.15872	0.0911973	0.722679	-1.38374	0.000518276	2.57366
cg17040471	CHODL	0.00875609	0.255726	0.798448	-1.25243	0.0291557	1.62852	1.62852	0.0178256	1.72704
cg18349138	CHODL	0.0147035	0.096659	2.33234	2.33234	0.0186005	3.76189	3.76189	0.0401785	3.00695
cg06607089	CHODL	0.0493104	0.0748604	0.783746	-1.27592	0.958146	0.993575	-1.00647	0.611806	0.939078
cg01796225	CHORDC1;CHORDC1	0.00683198	0.00945554	0.131759	-7.58963	0.00245709	0.0745586	-13.4123	0.130641	0.365685
cg01186595	CHORDC1;CHORDC1	0.0126556	0.01832	0.107311	-9.31874	0.00398755	0.0489249	-20.4395	0.0456036	0.167446
cg01693326	CHORDC1;CHORDC1	0.0219791	0.965736	0.979642	-1.02078	0.0272764	0.286274	-3.49316	0.0964314	0.417293
cg26028595	CHORDC1;CHORDC1	0.0268384	0.00271564	0.536611	-1.86355	0.230489	1.20817	1.20817	0.298145	0.850335
cg02469297	CHP2	0.00083515	0.000274148	2.96945	2.96945	0.0634292	0.683083	-1.46395	0.0397539	0.647823
cg21745164	CHP2	0.00231462	0.335727	0.734417	-1.36162	0.616376	0.854642	-1.17008	0.00133305	0.234419
cg05497750	CHP2	0.0156275	0.57568	0.832996	-1.20049	0.0480184	0.481745	-2.07579	0.0138655	0.374364
cg16735986	CHP2	0.0214997	0.332179	1.53724	1.53724	0.334021	1.53457	1.53457	0.789369	1.12196
cg00196983	CHP2	0.0236601	0.0521545	3.23067	3.23067	0.474947	0.679953	-1.47069	0.961994	1.02562
cg08404028	CHP2;CHP2	0.000370633	0.19306	2.0581	2.0581	0.511622	1.41739	1.41739	0.165156	2.17232
cg26299148	CHP;EXD1	0.00243951	0.0311454	2.14933	2.14933	0.207338	1.49516	1.49516	0.00626122	0.340411
cg08173216	CHP;EXD1	0.00896177	?	?	?	0.00194352	7.81592	7.81592	0.00243043	7.2413
cg08618113	CHP;EXD1	0.0314692	0.00517167	0.690758	-1.44769	0.302532	1.11298	1.11298	0.563849	0.943202
cg12433473	CHPF	4.20E-06	0.016535	0.465079	-2.15017	0.000526324	4.10568	4.10568	0.000746805	3.81082
cg05359249	CHPF	4.74E-05	0.78906	0.866848	-1.1536	0.00187366	10.4879	10.4879	0.000986319	13.593
cg13448968	CHPF	0.000504296	0.496411	0.610572	-1.63781	0.00756948	11.6392	11.6392	0.00716743	11.945
cg04729655	CHPF	0.00547678	0.0500995	0.572665	-1.74622	0.00866475	0.43386	-2.30489	0.315008	0.771608
cg00028056	CHPF	0.0247106	0.0129025	0.442464	-2.26007	0.52155	0.842309	-1.18721	0.37135	1.27438
cg15251779	CHPF2	0.000456537	0.103874	0.536337	-1.8645	0.60028	0.835426	-1.19699	0.192398	1.61202
cg08439901	CHPF2	0.0173615	0.648984	1.09505	1.09505	0.0134177	0.545166	-1.8343	0.271881	0.797217
cg17446824	CHPF2	0.0364218	0.199848	1.27252	1.27252	0.0663551	0.693211	-1.44256	0.357638	0.845069
cg02636659	CHPF2	0.0411684	0.0293815	0.217387	-4.60008	0.370387	0.578627	-1.72823	0.427292	0.617503
cg10783797	CHPF2;CHPF2	0.00490273	0.0115215	0.392645	-2.54683	0.00244199	0.287199	-3.48191	0.0606776	0.534919
cg02572956	CHPF2;MIR671	0.0101178	0.0599876	0.686919	-1.45578	0.205126	1.26693	1.26693	0.374065	0.850885
cg24330386	CHPF;TMEM198	0.00938785	0.0152393	0.36515	-2.7386	0.0365891	0.439918	-2.27315	0.193694	0.62819
cg03176520	CHPF;TMEM198	0.0166616	0.100707	0.582933	-1.71546	0.00284866	0.291491	-3.43064	0.58092	1.18219
cg08240007	CHPF;TMEM198	0.0469839	0.862298	1.03657	1.03657	0.132123	1.39963	1.39963	0.0483695	1.59464
cg15068132	CHPT1	0.00504546	?	?	?	0.00621548	5.4299	5.4299	0.52706	1.35522
cg15340124	CHPT1	0.00970836	0.00382857	0.562681	-1.7772	0.0397259	1.42012	1.42012	0.947408	1.00978
cg21494973	CHPT1	0.0108262	0.937495	0.985707	-1.0145	0.312083	1.21161	1.21161	0.0216146	1.65916
cg00475036	CHPT1	0.0214691	0.0340226	2.63985	2.63985	0.0652916	2.24038	2.24038	0.0213315	2.97627
cg03788004	CHPT1	0.0442554	0.893863	1.01726	1.01726	0.955614	0.99289	-1.00716	0.169627	1.20628
cg07270064	CHRAC1;CHRAC1	2.35E-05	1.02E-06	0.183002	-5.46442	0.0202976	1.44855	1.44855	0.0385498	1.37355
cg22610305	CHRAC1;CHRAC1	0.00654058	0.0146709	0.621437	-1.60917	0.411048	0.875377	-1.14236	0.0586655	0.713065
cg08877624	CHRAC1;CHRAC1;CHRAC1	0.0359085	0.154613	1.14384	1.14384	0.388253	0.924962	-1.08113	0.860182	1.01567
cg05308645	CHRD	0.000397978	0.11053	0.738573	-1.35396	5.89E-05	0.273649	-3.65432	5.90E-05	0.273689
cg14847243	CHRD	0.00251992	0.030239	2.56706	2.56706	0.0378417	2.43772	2.43772	0.244285	1.56946
cg18418186	CHRD	0.0204499	0.0258763	6.40864	6.40864	0.0349829	5.61493	5.61493	0.137073	3.07911
cg19402939	CHRD	0.0269614	0.222871	2.26588	2.26588	0.0160127	6.5727	6.5727	0.755497	0.819155
cg19956113	CHRD	0.0470131	0.524538	1.23578	1.23578	0.720093	1.12538	1.12538	0.562584	0.825161
cg22957206	CHRD;THPO	0.00912952	0.650338	0.959892	-1.04178	0.0456173	0.814159	-1.22826	0.000348027	0.596933
cg08032525	CHRD;THPO	0.0104837	0.475169	0.835387	-1.19705	0.0861782	1.59932	1.59932	0.0424381	0.560572
cg13851721	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.000541966	0.371357	1.19268	1.19268	0.0886447	1.43413	1.43413	3.42E-05	0.214456
cg00619443	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.00264538	0.00132118	0.097964	-10.2078	0.604665	1.29655	1.29655	0.00147054	0.101992
cg25125652	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.0179049	0.00405757	0.255815	-3.90907	0.538437	0.802449	-1.24619	0.0329637	0.414264
cg23245147	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.0292496	0.0789333	0.247536	-4.03982	0.637584	0.712063	-1.40437	0.00487592	0.0692011
cg05921207	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.0425725	0.153568	0.525178	-1.90412	0.00227078	0.16536	-6.0474	0.248832	0.601662
cg19777864	CHRDL1;CHRDL1;CHRDL1;CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.0310052	0.342345	0.309083	-3.23538	0.00301316	0.0059952	-166.8	0.0860394	0.100077
cg16056964	CHRDL2	0.000329888	1.41E-05	0.503864	-1.98466	0.00099344	0.690404	-1.44843	0.301808	0.922171
cg19297095	CHRDL2	0.04105	0.578429	1.27476	1.27476	0.525212	0.756972	-1.32105	0.144547	1.9695
cg13530039	CHRM1	0.00636346	0.00588921	0.441683	-2.26407	0.00343433	0.406039	-2.46282	0.056536	0.612909
cg06289725	CHRM1	0.0180704	0.916953	0.967842	-1.03323	0.0541198	0.504077	-1.98383	0.0883763	0.554773
cg25074066	CHRM1	0.0266218	0.0509034	0.535586	-1.86711	0.742511	1.09698	1.09698	0.0492981	0.532603
cg03360907	CHRM1;CHRM1	0.00547449	0.0695068	0.652572	-1.5324	0.000285054	0.287703	-3.47581	0.1524	0.724498
cg00987015	CHRM1;CHRM1	0.0118681	0.0680556	0.656881	-1.52235	0.19102	0.752211	-1.32941	0.0473336	0.62709
cg04842426	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.000268041	0.000395669	0.319639	-3.12853	5.92E-05	0.222606	-4.49223	0.289898	1.24866

Probeset ID	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24307799	1.08284	0.320866	0.785469	-1.27312	0.223308	0.739896	-1.35154	0.987619	1.00366	1.00366	0.0795114	1.58128	1.58128	0.429684	0.827128	-1.209	0.00382751	0.39935	-2.50407	3.39337	2.97898	0.78034	1
cg22607365	3.94438	0.0712502	2.49055	2.49055	0.511799	0.73982	-1.35168	0.289121	1.646	1.646	0.695621	0.836882	-1.19491	0.961139	0.978175	-1.02231	0.00181803	0.134327	-7.44451	6.00783	19.5166	2.88758	1
cg25488547	-1.18896	0.324403	1.21742	1.21742	0.000249106	0.310784	-3.21767	7.09E-05	0.246421	-4.0581	0.00280328	2.21687	2.21687	0.0338274	1.61448	1.61448	0.222127	1.28152	1.28152	15.1781	8.98315	0.526088	1
cg02168925	1.23225	0.0596467	1.64806	1.64806	0.00351439	2.5356	2.5356	0.689747	1.09891	1.09891	0.00728913	0.443341	-2.2556	0.210269	1.36386	1.36386	0.0885946	0.643034	-1.55513	6.37641	5.5795	0.777797	1
cg25841909	-2.24816	0.986651	0.991392	-1.00868	0.422719	0.654987	-1.52675	0.0374957	0.287287	-3.48084	0.536797	0.723844	-1.38151	0.845488	1.10607	1.10607	0.741093	0.842545	-1.18688	3.57887	15.1338	3.75879	1
cg06047934	-2.84636	0.0224827	0.742334	-1.3471	0.249816	1.14007	1.14007	0.000498397	0.552254	-1.81076	4.67E-05	0.432833	-2.31036	0.304154	1.12299	1.12299	0.128979	0.836255	-1.19581	40.8913	7.69431	0.167258	1
cg00355690	-1.37898	0.319042	0.850864	-1.17528	2.62E-07	0.0910442	-10.9837	0.592815	1.08834	1.08834	0.00286693	0.525524	-1.90286	0.499019	1.11364	1.11364	0.0420974	0.692612	-1.44381	30.0444	11.7039	0.34627	1
cg22314562	-1.25619	0.749918	0.942347	-1.06118	1.02E-06	0.0924371	-10.8182	4.50E-05	0.238375	-4.19507	0.19751	1.28782	1.28782	0.838528	1.03861	1.03861	0.000428849	0.355255	-2.81488	29.0812	15.881	0.485416	1
cg03597607	1.6752	0.211978	1.37918	1.37918	0.736537	1.08607	1.08607	0.890617	1.03422	1.03422	0.546951	1.16073	1.16073	0.810464	0.942942	-1.06051	0.00241479	0.355878	-2.80995	13.2902	12.5854	0.841749	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17752799	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.000540688	0.000272965	0.481578	-2.07651	0.0145613	0.691655	-1.44581	0.387522	1.11462	1.11462	0.00166007	0.576194	-1.73553	0.000151614	0.450943	-2.21758
cg17405012	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.000627477	0.0964648	0.652343	-1.53293	0.248354	0.753929	-1.32638	0.460343	1.19237	1.19237	7.67E-06	0.100284	-9.97171	0.492741	1.17711	1.17711
cg09585906	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.00143497	0.147257	1.12844	1.12844	0.0147887	1.26244	1.26244	3.88E-05	0.542002	-1.84501	0.722791	0.972704	-1.02806	0.392441	0.934191	-1.07044
cg19630629	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.0058979	0.673756	0.947132	-1.05582	0.000264484	2.15684	2.15684	0.619957	0.937886	-1.06623	0.00424358	1.63386	1.63386	0.110145	1.25027	1.25027
cg24539937	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.00614427	0.575118	0.951212	-1.05129	0.0220185	1.27454	1.27454	0.482348	1.06509	1.06509	0.0519198	0.822559	-1.21572	0.511188	0.942844	-1.06062
cg23300659	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.00779446	0.0197071	0.657678	-1.5205	0.0101699	1.61962	1.61962	0.120959	1.28425	1.28425	0.168229	0.803756	-1.24416	0.185623	0.811553	-1.23221
cg09362722	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.00841196	0.736147	1.05876	1.05876	0.153795	0.772729	-1.29412	0.0865794	0.726424	-1.37661	0.0115301	1.70484	1.70484	0.0676438	1.41292	1.41292
cg25150440	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.00910097	0.233901	0.688358	-1.45273	0.552499	0.835412	-1.19701	0.030825	0.4682	-2.13584	0.181718	0.654276	-1.52841	0.00146672	0.252993	-3.95268
cg22863118	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.009307	0.791592	1.03053	1.03053	0.730606	0.961513	-1.04003	0.00467041	0.652401	-1.5328	0.139098	1.19815	1.19815	0.00527932	0.658631	-1.5183
cg13102079	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.00992136	0.070268	0.635075	-1.57462	0.618454	1.11925	1.11925	0.0918913	1.51641	1.51641	0.638082	0.899151	-1.11216	0.0545722	0.61306	-1.63116
cg06468862	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.010801	0.0165018	0.746817	-1.33902	0.0935662	0.832105	-1.20177	0.684869	0.960154	-1.0415	0.890289	0.98634	-1.01385	0.00467411	0.687431	-1.45469
cg04590119	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.0145092	0.491	0.800302	-1.24953	0.0403191	0.470343	-2.12611	0.189636	0.642479	-1.55647	0.175059	1.58293	1.58293	0.00241292	0.260366	-3.84074
cg05327864	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.0290764	0.418836	1.23125	1.23125	0.00137317	3.21919	3.21919	0.370128	1.26084	1.26084	0.40044	1.24203	1.24203	0.273413	1.33247	1.33247
cg10276834	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.0358354	0.0344173	0.225252	-4.43947	0.017132	0.172847	-5.78546	0.0231164	0.193801	-5.15994	0.0661877	0.287938	-3.47297	0.0181129	0.176579	-5.66318
cg22471517	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.00553896	0.00146634	0.58171	-1.71907	0.908468	0.986525	-1.01366	0.0124531	1.44315	1.44315	0.513629	0.924836	-1.08127	0.800392	0.970557	-1.03034
cg00973677	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.0319916	0.426021	1.12047	1.12047	0.170503	1.22661	1.22661	0.121022	0.790351	-1.26526	0.351311	0.874385	-1.14366	0.392336	1.13047	1.13047
cg16873130	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;MIR490;CHRM2	0.0267675	0.190222	0.753101	-1.32784	0.000873524	0.360448	-2.77432	0.0784485	0.670627	-1.49114	0.0507921	0.634547	-1.57593	0.134928	0.719347	-1.39015
cg15108640	CHRM3	0.00137	0.192992	0.779102	-1.28353	0.010192	0.555994	-1.79858	0.964528	1.00809	1.00809	0.0475845	0.663297	-1.50762	2.15E-05	0.212463	-4.7067
cg07318372	CHRM3	0.00350591	0.124166	0.675729	-1.47988	0.254355	0.75563	-1.3234	0.000655895	0.292502	-3.41878	0.180707	0.715616	-1.3974	0.000375347	0.262156	-3.81453
cg09365677	CHRM3	0.00485594	?	?	?	0.023505	3.16853	3.16853	?	?	?	0.2593	1.65141	1.65141	0.354541	0.666317	-1.50079
cg17805202	CHRM3	0.00572451	0.433093	0.842755	-1.18659	0.00939265	0.494468	-2.02238	0.0338676	0.588741	-1.69854	0.0136509	1.92016	1.92016	0.367178	0.820279	-1.2191
cg24682621	CHRM3	0.00954197	0.624176	1.07286	1.07286	0.530124	0.913406	-1.0948	0.089676	0.766096	-1.30532	0.123223	1.26846	1.26846	0.0742079	1.32754	1.32754
cg22703515	CHRM3	0.0138548	0.0115435	2.1582	2.1582	0.0156174	0.485808	-2.05842	0.0234185	0.517126	-1.93376	0.444104	0.826955	-1.20926	0.105855	1.53752	1.53752
ch.1.4765882F	CHRM3	0.0186462	0.202347	0.540288	-1.85087	0.00196689	0.135218	-7.39544	0.00096539	0.105667	-9.46365	0.438013	0.6964	-1.43596	0.684644	0.829645	-1.20533
cg25388738	CHRM3	0.019181	0.715231	0.924088	-1.08215	0.243893	1.30043	1.30043	0.234786	1.30777	1.30777	0.876454	0.967035	-1.03409	0.0874982	0.666017	-1.50146
cg18853490	CHRM3	0.019823	0.132782	0.464201	-2.15424	0.247577	0.564396	-1.77181	0.0060238	0.18308	-5.4621	0.268501	0.579656	-1.72516	0.0219002	0.272195	-3.67383
cg00858196	CHRM3	0.0408265	0.0529952	0.583212	-1.71464	0.0529177	0.583082	-1.71503	0.00611907	0.415907	-2.40439	0.4775	1.19375	1.19375	0.09628	0.639022	-1.56489
cg07162608	CHRM3	0.0446202	0.557538	0.839027	-1.19186	0.483642	1.23446	1.23446	0.0296992	0.468968	-2.13234	0.905368	0.965421	-1.03582	0.0158975	0.41736	-2.39601
cg03511766	CHRM3;CHRM3	0.00506898	0.994527	1.00107	1.00107	0.0187307	1.55756	1.55756	0.202748	0.811266	-1.23264	0.429515	0.88211	-1.13365	0.00331423	0.536812	-1.86285
cg03440850	CHRM4	0.00348576	0.196349	0.828966	-1.20632	0.00123456	0.522804	-1.91276	0.122156	0.794512	-1.25863	0.912462	0.985015	-1.01521	0.0723436	0.759318	-1.31697
cg15668767	CHRM4	0.00534528	0.11494	0.755525	-1.32358	0.0983435	1.34513	1.34513	0.188677	0.796306	-1.2558	0.996524	1.00071	1.00071	0.000158149	0.347608	-2.8768
cg01257383	CHRM4	0.0223836	0.0562335	0.467848	-2.13745	0.00774705	0.300715	-3.32541	0.015356	0.351591	-2.84421	0.0976384	0.528076	-1.89367	0.0139047	0.343825	-2.90846
cg12296860	CHRM4	0.0239822	0.02134	0.42991	-2.32607	0.0250375	0.443297	-2.25583	0.00891376	0.362259	-2.76045	0.817445	0.931874	-1.07311	0.0896443	0.564966	-1.77002
cg16109381	CHRM5	3.98E-05	0.0785125	1.42471	1.42471	0.0491866	0.665858	-1.50182	0.479478	1.13907	1.13907	3.00E-06	0.133188	-7.5082	9.73E-05	0.285137	-3.50709
cg11553153	CHRM5	0.00118222	0.000296451	0.175329	-5.70356	0.186797	0.661297	-1.51218	0.00109834	0.241108	-4.14751	0.0154186	0.415406	-2.40729	0.000697034	0.216841	-4.61167
cg27275698	CHRM5	0.00547177	0.260526	0.762123	-1.31212	0.0156319	0.503558	-1.98587	0.0299405	1.80614	1.80614	0.759948	0.931519	-1.07352	0.000871244	0.314722	-3.17741
cg26180006	CHRM5	0.0120279	0.0080262	0.462043	-2.1643	0.00240179	0.382386	-2.61516	0.175636	0.720833	-1.38728	0.321309	0.792222	-1.26227	0.0522544	0.605423	-1.65174
cg22927134	CHRM5	0.0410671	0.0294934	0.289348	-3.45605	0.0142763	0.231792	-4.31421	0.00735583	0.188017	-5.31866	0.917361	0.95103	-1.05149	0.36871	0.639772	-1.56306
cg22160511	CHRM5;AVEN	0.0234932	0.0531393	0.373587	-2.67676	0.153017	0.503715	-1.98525	0.0810346	0.420275	-2.37939	0.0321818	0.32488	-3.07806	0.0700394	0.403472	-2.47849
cg05596267	CHRM5;AVEN	0.0372277	0.994315	1.00082	1.00082	0.90437	0.986212	-1.01398	0.698904	0.956093	-1.04592	0.169735	0.844545	-1.18407	0.195132	0.853595	-1.17152
cg14891651	CHRNA10	0.000456729	0.893611	0.981535	-1.01881	0.000599938	0.47834	-2.09056	2.15E-05	0.303983	-3.28966	0.650386	0.938423	-1.06562	0.548852	1.08816	1.08816
cg19344795	CHRNA10	0.000773839	0.644561	0.900647	-1.11031	0.471871	0.848026	-1.17921	3.00E-05	0.158833	-6.2959	0.000521142	0.295619	-3.38273	0.860576	1.0404	1.0404
cg10783584	CHRNA10	0.00712573	0.504689	1.22088	1.22088	0.0149501	2.4161	2.4161	0.165087	1.54734	1.54734	0.00830461	0.369832	-2.70393	0.0338163	0.48164	-2.07624
cg26745143	CHRNA10	0.0118612	0.967751	1.00992	1.00992	0.00344546	0.379193	-2.63718	0.0939369	0.63788	-1.56769	0.168516	0.698936	-1.43075	0.0029685	0.369583	-2.70575
cg07484827	CHRNA10	0.020197	0.2944	0.718513	-1.39176	0.0758393	0.548474	-1.82324	0.287002	0.714575	-1.39943	0.565526	1.19313	1.19313	0.000463644	0.187459	-5.3345
cg12902436	CHRNA10	0.0396003	0.262891	0.8452	-1.18315	0.222588	0.831375	-1.20283	0.244904	0.839239	-1.19156	0.702005	0.946115	-1.05695	0.119211	0.783776	-1.27587
cg14079492	CHRNA10;CHRNA10	0.000780499	0.905048	0.989616	-1.01049	0.13836	1.14976	1.14976	0.0996812	1.17096	1.17096	0.805331	0.978633	-1.02183	0.679368	1.03702	1.03702
cg22925639	CHRNA1;CHRNA1	0.0338398	0.548285	1.11399	1.11399	0.0119824	0.572917	-1.74545	0.619035	0.914781	-1.09316	0.67136	1.07879	1.07879	0.018408	0.601587	-1.66227
cg00748431	CHRNA1;CHRNA1	0.0481149	0.779797	1.03662	1.03662	0.755376	0.960694	-1.04091	0.752698	1.04139	1.04139	0.219693	0.847394	-1.18009	0.00389513	0.607338	-1.64653
cg24519347	CHRNA2	0.000342917	0.0754553	0.685899	-1.45794	0.0315052	1.61689	1.61689	0.598291	0.903674	-1.10659	0.0858552	0.696537	-1.43567	7.94E-06	0.155194	-6.44353
cg17367545	CHRNA2	0.00268579	0.80622	1.09505	1.09505	0.498322	1.28913	1.28913	0.00422396	0.242889	-4.1171	0.587414	1.22434	1.22434	6.09E-05	0.0648937	-15.4098
cg16474701	CHRNA2	0.00449524	0.528848	0.774373	-1.29137	0.0229104	0.335953	-2.97661	0.00136271	0.155218	-6.44254	0.172766	0.55906	-1.78872	0.00540024	0.230454	-4.33927
cg04035728	CHRNA2	0.0134931	0.878191	0.924761	-1.08136	0.0255845	0.25853	-3.86802	0.0283503	0.267143	-3.74331	0.0703789	0.356473	-2.80526	0.0346469	0.284746	-3.5119
cg07054263	CHRNA2	0.0155682	0.550608	0.861648	-1.16057	0.829068	0.94808	-1.05476	0.000626131	0.273376	-3.65796	0.527267	0.853891	-1.17111	0.00425095	0.389272	-2.5689
cg05359237	CHRNA2	0.0380873	0.092581	0.332631	-3.00634	0.0144341	0.166476	-6.00687	0.00358862	0.0958143	-10.4369	0.225134	0.468773	-2.13323	0.0511745	0.266973	-3.74569
cg23138161	CHRNA2	0.0432374	0.390262	1.30422	1.30422	0.108123	0.589266	-1.69703	0.00429328	0.315916	-3.1654	0.456059	0.795304	-1.25738	0.00524633	0.329284	-3.03689
cg16570223	CHRNA3;CHRNA3	4.81E-05	0.0194378	0.621147	-1.60992	0.0176137	0.614642	-1.62696	0.000692283	0.417832	-2.3933	0.0329638	0.656823	-1.52248	0.204364	0.797927	-1.25325
cg22670733	CHRNA3;CHRNA3	7.29E-05	0.000164515	0.355095	-2.81615	0.000329437	0.392715	-2.54637	6.49E-05	0.306509	-3.26255	0.000431656	0.407641	-2.45314	0.180736	0.795286	-1.25741
cg08035213	CHRNA3;CHRNA3	0.000114455	0.477773	1.17848	1.17848	0.96606	0.990365	-1.00973	1.43E-05	0.128072	-7.80811	0.00440888	0.421126	-2.37458	0.000130604	0.220627	-4.53254
cg06323693	CHRNA3;CHRNA3	0.000419935	0.00525393	0.651587	-1.53472	0.240682	0.866803	-1.15366	1.28E-05	0.343915	-2.9077	0.128207	1.2109	1.2109	0.0571144	1.28464	1.28464
cg04671614	CHRNA3;CHRNA3	0.000667088	0.00130096	0.438342	-2.28132	0.54149	1.11499	1.11499	0.00616739	0.533078	-1.8759	0.185643	0.781027	-1.28036	0.0021351	0.467772	-2.13779
cg24506363	CHRNA3;CHRNA3	0.00068285	0.23297	0.836703	-1.19517	0.131073	0.79263	-1.26162	0.000397824	0.447717	-2.23356	0.960786	1.00703	1.00703	0.682005	0.942963	-1.06049
cg11826999	CHRNA3;CHRNA3	0.000977546	0.00550311	0.322521	-3.10057	0.000845282	0.210969	-4.74004	0.000322	0.164576	-6.07623	0.0010496	0.222368	-4.49705	0.215161	0.667271	-1.49864
cg25527599	CHRNA3;CHRNA3	0.00306195	0.445193	0.788259	-1.26862	0.0197682	2.36436	2.36436	0.0164779	0.408272	-2.44935	0.993035	0.997335	-1.00267	0.215466	1.48971	1.48971
cg09986456	CHRNA3;CHRNA3	0.00371406	0.0459301	0.754841	-1.32478	0.0426962	1.33219	1.33219	0.000696133	0.52941	-1.8889	0.255161	1.15725	1.15725	0.0646658	0.774825	-1.29061
cg16542125	CHRNA3;CHRNA3	0.0063641	0.0850486	0.700603	-1.42734	0.528797	1.12663	1.12663	0.00241787	0.454139	-2.20197	0.114431	0.725546	-1.37827	0.568231	0.897828	-1.1138
cg26699102	CHRNA3;CHRNA3	0.0067509	0.587165	0.824009	-1.21358	0.0090548	0.309965	-3.22617	0.0154465	0.35021	-2.85543	0.911734	1.03993	1.03993	0.0196231	2.70613	2.70613
cg22095041	CHRNA3;CHRNA3	0.0105954	0.0191987	0.303365	-3.29636	0.000939052	0.125198	-7.98732	0.00357401	0.189839	-5.26763	0.0283674	0.336394	-2.97271	0.0370126	0.360721	-2.77223
cg19993258	CHRNA3;CHRNA3	0.0154369	0.593772	0.763435	-1.30987	0.124988	0.434897	-2.2994	0.0103936	0.198305	-5.04275	0.322128	0.598808	-1.66998	0.736234	1.18472	1.18472
cg09413615	CHRNA3;CHRNA3	0.0160025	0.0050615	3.92921	3.92921	0.0413954	2.38342	2.38342	0.148855	1.77116	1.77116	0.243829	0.63748	-1.56868	0.630007	0.835928	-1.19628
cg23880581	CHRNA3;CHRNA3	0.028082	0.0096615	0.288149	-3.47042	0.34016	0.688305	-1.45284	0.468857	0.755766	-1.32316	0.128791	0.535944	-1.86587	0.151647	0.557836	-1.79264
cg07973591	CHRNA3;CHRNA3	0.0409904	0.134084	1.65304	1.65304	0.434484	0.7803	-1.28156	0.0117919	0.375919	-2.66015	0.992116	1.00308	1.00308	0.00881857	0.354393	-2.82173
cg16901840	CHRNA3;CHRNA3;CHRNA3;CHRNA3	0.000352462	0.331119	1.091	1.091	0.126363	1.15447	1.15447	0.000215328	1.71	1.71	0.165221	1.1372	1.1372	0.815461	0.979898	-1.02051
cg23250494	CHRNA3;CHRNA3;CHRNA3;CHRNA3	0.00796849	0.646682	1.05865	1.05865	0.278076	1.14946	1.14946	0.196091	1.18392	1.18392	0.0698287	0.778503	-1.28452	0.198576	0.845531	-1.18269
cg01684256	CHRNA4	0.00286247	0.0212543	0.411717	-2.42885	0.000586869	0.182225	-5.48772	0.025608	0.427468	-2.33935	0.0948605	0.555277	-1.8009	0.00769375	0.333679	-2.99689
cg26732943	CHRNA4	0.00488398	0.00888798	1.60322	1.60322	0.194709	0.823265	-1.21468	0.777518	1.04098	1.04098	0.0382723	1.40552	1.40552	0.0192271	1.49412	1.49412
cg01743841	CHRNA4	0.0300391	0.803492	0.956187	-1.04582	0.696769	1.07291	1.07291	0.0124765	1.74821	1.74821	0.0118514	0.56861	-1.75868	0.79243	1.04853	1.04853
cg25773267	CHRNA4	0.0310215	0.33467	0.749021	-1.33508	0.265525	0.713902	-1.40075	0.62121	0.865306	-1.15566	0.937357	1.02309	1.02309	0.195358	1.48852	1.48852
cg19696491	CHRNA5	0.00213908	0.00983231	0.22055	-4.53412	0.598608	1.27899	1.27899	0.0216345	0.278734	-3.58765	0.406271	0.674647	-1.48226	0.0252584	0.291592	-3.42945
cg22563815	CHRNA5	0.00465598	0.00665348	0.195678	-5.11043	0.597637	0.781348	-1.27984	0.00691358	0.198016	-5.05009	0.226189	0.555056	-1.80162	0.0138124	0.244226	-4.09456
cg17108064	CHRNA5	0.0168147	0.0199627	0.327712	-3.05146	0.0644424	0.438153	-2.28231	0.00871322	0.265083	-3.77241	0.0889495	0.474633	-2.10689	0.00831604	0.261864	-3.81878
cg26678012	CHRNA5	0.0316001	0.547504	0.769432	-1.29966	0.393998	0.68663	-1.45639	0.0540447	0.389994	-2.56414	0.0658092	0.411107	-2.43246	0.0343454	0.345445	-2.89481
cg07906724	CHRNA6	0.0024575	0.0367916	0.333677	-2.99691	0.111078	2.19343	2.19343	0.113832	0.459129	-2.17804	0.66716	0.822202	-1.21625	0.000726644	0.0977529	-10.2299
cg16417043	CHRNA6	0.00453031	0.016592	0.435964	-2.29377	0.266108	1.38929	1.38929	0.436164	0.798188	-1.25284	0.0390313	1.96961	1.96961	0.00034405	0.194979	-5.12877
cg06523556	CHRNA6	0.00845842	0.283727	0.407573	-2.45355	0.341906	0.454211	-2.20162	0.211866	0.346503	-2.88597	0.0248857	0.116303	-8.59823	0.00371204	0.0424573	-23.5531
cg27051318	CHRNA6	0.010622	0.984582	1.00917	1.00917	0.410274	1.48883	1.48883	0.0409791	0.327988	-3.04889	0.0799363	0.399182	-2.50512	0.00171702	0.12063	-8.28979
cg07212615	CHRNA6	0.0167945	0.0253437	0.621897	-1.60798	0.013803	0.580534	-1.72255	0.00614052	0.527907	-1.89427	0.217243	0.792979	-1.26107	0.030369	1.5758	1.5758
cg20539142	CHRNA6	0.0281453	0.103841	0.235184	-4.25199	0.117864	0.251082	-3.98276	0.0881628	0.216258	-4.62411	0.0536689	0.168111	-5.94846	0.0236217	0.11088	-9.01876
cg07157107	CHRNA6	0.0343417	0.0362916	0.173432	-5.76594	0.180209	0.359049	-2.78514	0.102349	0.276187	-3.62074	0.051079	0.20207	-4.94878	0.017462	0.124621	-8.02431
cg27395654	CHRNA6	0.0372503	0.0425754	0.0981656	-10.1869	0.0486074	0.106532	-9.38683	0.0761256	0.140594	-7.11267	0.212144	0.27077	-3.69317	0.0241802	0.069118	-14.468
cg08481732	CHRNA7	0.000747425	0.00777817	0.808315	-1.23714	0.00110678	1.349	1.349	0.0730137	1.1326	1.1326	0.00657244	0.802685	-1.24582	0.00999917	1.22448	1.22448
cg00111677	CHRNA7	0.00455479	0.0686298	0.809976	-1.2346	0.170314	0.859847	-1.163	0.0385478	1.28122	1.28122	0.145846	1.17522	1.17522	0.996468	1.00046	1.00046
cg09427354	CHRNA7	0.00542336	0.108452	0.825783	-1.21097	0.000786357	0.574144	-1.74172	0.414862	1.09539	1.09539	0.0483031	1.27977	1.27977	0.798067	1.02842	1.02842
cg04785227	CHRNA7	0.00658669	0.403763	1.18198	1.18198	0.0115891	0.53921	-1.85457	0.962741	0.9909	-1.00918	0.000946613	0.381142	-2.62369	0.095256	0.698585	-1.43146
cg12793879	CHRNA7	0.0126369	0.240628	1.38688	1.38688	0.191327	1.44528	1.44528	0.00446703	2.7442	2.7442	0.190637	0.691465	-1.44621	0.0487594	0.549261	-1.82063
cg05168573	CHRNA7	0.0303169	0.491085	1.13571	1.13571	0.0306995	0.630103	-1.58704	0.0147327	0.579161	-1.72663	0.483708	0.87853	-1.13827	0.797571	1.04788	1.04788
cg13980533	CHRNA7	0.0430709	0.803646	0.957939	-1.04391	0.0554528	1.45418	1.45418	0.688407	1.07201	1.07201	0.0837186	0.718809	-1.39119	0.257923	0.815762	-1.22585
cg12584785	CHRNA7	0.0459836	0.434547	1.22049	1.22049	0.0295369	1.8972	1.8972	0.209658	1.39155	1.39155	0.393099	0.803622	-1.24437	0.142365	0.674278	-1.48307
cg07801448	CHRNA9	4.00E-07	0.852271	0.979532	-1.0209	3.21E-06	0.294227	-3.39873	2.52E-05	0.395276	-2.52988	1.16E-05	0.356453	-2.80542	4.43E-08	0.119136	-8.39379
cg26531231	CHRNA9	0.0190426	0.0070408	0.0912181	-10.9627	0.109247	0.301079	-3.32139	0.0364082	0.187922	-5.32137	0.0411695	0.198055	-5.04911	0.221811	0.413698	-2.41722
cg08943292	CHRNA9	0.0313345	0.253613	0.829011	-1.20626	0.260857	0.831566	-1.20255	0.05198	0.706274	-1.41588	0.0906853	1.34067	1.34067	0.357666	0.861755	-1.16042
cg01651284	CHRNA9	0.0334936	0.158281	1.78063	1.78063	0.0269646	2.72381	2.72381	0.143509	1.82448	1.82448	0.0593301	2.25766	2.25766	0.596835	0.815296	-1.22655
cg17107156	CHRNB1	0.001197	0.0336261	1.90568	1.90568	4.94E-05	7.24595	7.24595	0.167645	1.46544	1.46544	0.161616	1.4746	1.4746	0.120536	0.645621	-1.5489
cg01229452	CHRNB1	0.00209029	0.564468	1.1545	1.1545	0.00523367	2.48051	2.48051	0.00835856	2.29587	2.29587	0.00136158	3.14741	3.14741	0.159939	0.690517	-1.44819
cg04234232	CHRNB1	0.00340367	0.743298	0.938814	-1.06517	0.00408053	2.09705	2.09705	0.00529279	2.02634	2.02634	0.302129	1.228	1.228	0.0121734	0.548653	-1.82265
cg19440264	CHRNB1	0.00603818	0.0352375	3.17888	3.17888	0.00283007	6.95071	6.95071	0.0737193	2.56029	2.56029	0.0499077	2.87065	2.87065	0.00840517	0.204454	-4.89107
cg07010552	CHRNB1	0.00630026	0.0331663	0.4666	-2.14316	0.562191	1.19648	1.19648	0.163446	1.57663	1.57663	0.0308146	0.460096	-2.17346	0.072807	0.54192	-1.84529
cg18884137	CHRNB1	0.00719846	0.00725628	0.449883	-2.2228	0.795057	0.941735	-1.06187	0.00135591	2.92374	2.92374	0.281742	1.29432	1.29432	0.130586	1.4572	1.4572
cg25581039	CHRNB1	0.0308003	0.830766	0.961593	-1.03994	0.523845	1.12548	1.12548	0.027335	0.620163	-1.61248	0.886343	0.974169	-1.02652	0.433068	1.15765	1.15765
cg21132352	CHRNB1	0.0474495	0.0381887	4.02032	4.02032	0.0599669	3.4179	3.4179	0.747081	1.2061	1.2061	0.26523	1.95898	1.95898	0.0548942	3.52836	3.52836
cg19312536	CHRNB2	0.00103764	0.000494421	0.508308	-1.96731	0.247769	1.16174	1.16174	0.159311	1.20515	1.20515	0.087616	0.791412	-1.26356	0.47905	1.09339	1.09339
cg13424529	CHRNB2	0.0122152	0.0244344	1.9242	1.9242	0.0306911	0.538115	-1.85834	0.00295623	0.369334	-2.70758	0.535344	1.1656	1.1656	0.173724	0.702368	-1.42376
cg11193281	CHRNB2	0.0140055	0.061284	0.522991	-1.91208	0.000599736	0.196419	-5.09115	0.0400909	0.482286	-2.07346	0.528369	0.821717	-1.21696	0.0407177	0.483718	-2.06732
cg17127816	CHRNB2	0.0345941	0.855617	1.03973	1.03973	0.0606159	0.636012	-1.5723	0.402676	0.832596	-1.20106	0.334228	0.808117	-1.23744	0.771703	1.06421	1.06421
cg18288119	CHRNB2	0.0406953	0.0250397	0.236905	-4.22109	0.0049597	0.134042	-7.46034	0.122619	0.405065	-2.46874	0.225375	0.502676	-1.98935	0.0385903	0.274096	-3.64836
cg14926097	CHRNB2	0.045707	0.755758	0.851373	-1.17457	0.0569109	0.329191	-3.03775	0.0149858	0.213887	-4.67537	0.58782	1.32604	1.32604	0.00856098	0.177349	-5.6386
cg06729844	CHRNB3	0.0079265	0.334892	1.37417	1.37417	0.768291	0.909896	-1.09903	0.0053702	0.309838	-3.2275	0.269799	0.692616	-1.4438	0.000929673	0.205986	-4.85469
cg20281882	CHRNB3	0.0146243	0.305581	0.821672	-1.21703	0.131227	0.739563	-1.35215	0.00522947	0.505561	-1.978	0.0812378	0.699165	-1.43028	0.161259	0.758053	-1.31917
cg23335916	CHRNB3	0.0209462	0.580899	0.827267	-1.2088	0.0095631	0.327619	-3.05232	0.00650189	0.300348	-3.32947	0.185283	1.61239	1.61239	0.145552	0.587755	-1.70139
cg02411937	CHRNB3	0.0253454	0.240486	0.578366	-1.72901	0.817524	0.902148	-1.10847	0.0452275	0.359296	-2.78322	0.105666	0.454965	-2.19797	0.000696606	0.0997768	-10.0224
cg06840801	CHRNB3	0.0440361	0.68378	0.78465	-1.27445	0.826702	1.13866	1.13866	0.0568992	0.279127	-3.58259	0.132282	0.382142	-2.61683	0.0109259	0.150799	-6.63132
cg20577630	CHRNB3;CHRNB3	0.00707139	0.473515	0.762098	-1.31217	0.0192556	0.348132	-2.87247	0.000910791	0.157514	-6.34865	0.0507402	0.436243	-2.2923	0.0114865	0.307769	-3.24919
cg08321268	CHRNB4	0.000117372	0.230063	0.365139	-2.73869	0.0182722	1.97868	1.97868	7.56E-05	0.186708	-5.35293	0.377594	0.805991	-1.24071	0.0730772	0.621117	-1.61

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17752799	0.0504353	0.760967	-1.31412	0.0155971	1.43805	1.43805	0.00572713	0.641601	-1.5586	0.197327	0.846228	-1.18171	13.9834	3.32409	0.211304	1
cg17405012	0.914162	0.975078	-1.02556	0.00775274	0.449137	-2.22649	0.219422	0.739127	-1.35295	0.664645	1.10749	1.10749	13.4152	11.6406	0.771308	1
cg09585906	0.229699	1.10288	1.10288	0.0558923	1.18328	1.18328	0.697675	0.970124	-1.0308	0.802385	0.980705	-1.01968	10.614	1.01488	0.084993	1
cg19630629	0.365062	1.1268	1.1268	0.154125	0.822259	-1.21616	0.38361	0.891721	-1.12143	0.594278	1.0714	1.0714	6.976	1.818	0.231651	1
cg24539937	0.00132217	1.51069	1.51069	0.00149698	1.49822	1.49822	0.401682	1.07876	1.07876	0.590726	0.953182	-1.04912	6.88841	0.851007	0.109815	1
cg23300659	0.477483	0.898121	-1.11344	0.000838284	0.473524	-2.11183	0.451164	0.892068	-1.12099	0.537846	0.911373	-1.09725	6.39627	2.24211	0.311586	1
cg09362722	0.0378806	1.50154	1.50154	0.0111097	1.71179	1.71179	0.0438974	0.676363	-1.4785	0.0304306	0.65082	-1.53652	6.24452	2.81947	0.401343	1
cg25150440	0.287021	1.39213	1.39213	0.0131401	0.398422	-2.5099	0.00154	0.255782	-3.90958	0.146539	0.627291	-1.59416	6.09076	8.63853	1.26071	1
cg22863118	0.141768	1.19648	1.19648	0.00931732	1.45432	1.45432	0.170836	1.18009	1.18009	0.73003	0.961428	-1.04012	6.04758	1.23496	0.181518	1
cg13102079	0.0833652	0.650474	-1.53734	0.0997345	0.66713	-1.49896	0.000819154	3.10044	3.10044	0.942481	1.01632	1.01632	5.92556	4.72452	0.708722	1
cg06468862	0.177968	0.867055	-1.15333	0.00390217	1.47287	1.47287	0.626495	0.952298	-1.05009	0.0489693	0.799287	-1.25111	5.76632	0.907053	0.139824	1
cg04590119	0.298395	0.709465	-1.40951	0.00804923	0.339244	-2.94773	0.296893	1.41113	1.41113	0.018633	0.403232	-2.47996	5.23792	8.41223	1.42758	1
cg05327864	0.185486	0.702173	-1.42415	0.0885163	0.622995	-1.60515	0.900353	1.03205	1.03205	0.0847404	1.61624	1.61624	4.13239	4.15057	0.8928	1
cg10276834	0.0595815	0.276781	-3.61296	0.010991	0.145493	-6.87317	0.178329	0.421483	-2.37258	0.0526057	0.264143	-3.78583	3.83421	22.1648	5.13849	1
cg22471517	0.018109	1.40294	1.40294	0.0626398	0.781039	-1.28034	0.0554749	1.2918	1.2918	0.0359247	1.33359	1.33359	7.11212	1.56733	0.195888	1
cg00973677	0.859819	1.02505	1.02505	0.00102292	0.505959	-1.97644	0.609399	0.930427	-1.07478	0.717559	1.05215	1.05215	3.99425	1.2388	0.275685	1
cg16873130	0.719106	1.07661	1.07661	0.37271	1.20569	1.20569	0.920101	1.02072	1.02072	0.655317	0.912256	-1.09618	4.25454	2.8151	0.588149	1
cg15108640	0.595833	1.10185	1.10185	0.172572	1.30086	1.30086	0.372748	0.847218	-1.18033	0.29726	0.822184	-1.21627	10.7562	5.59244	0.462158	1
cg07318372	0.677868	0.906341	-1.10334	0.0445239	1.72141	1.72141	0.0586623	0.604819	-1.65339	0.732258	0.922333	-1.08421	8.16968	7.17138	0.780271	1
cg09365677	0.0895806	2.2206	2.2206	0.000444679	0.0941711	-10.619	0.436597	0.712988	-1.40255	0.243659	1.682	1.682	7.76396	17.3768	2.55786	1
cg17805202	0.0898637	0.670429	-1.49158	0.00159574	2.63446	2.63446	0.647672	0.906285	-1.10341	0.151777	0.720073	-1.38875	7.04043	5.09978	0.643872	1
cg24682621	0.00556341	1.6798	1.6798	0.00298007	1.78657	1.78657	0.0350773	1.4186	1.4186	0.0681481	0.747597	-1.33762	5.99976	1.92723	0.285527	1
cg22703515	0.319314	1.28484	1.28484	0.0827281	1.59672	1.59672	0.102848	0.647516	-1.54436	0.114707	0.658516	-1.51857	5.31807	4.99535	0.834948	1
ch.1.4765882F	0.98242	1.01013	1.01013	0.600369	0.785236	-1.2735	0.438295	0.696561	-1.43562	0.508147	0.735613	-1.35941	4.81755	15.9618	2.94512	1
cg25388738	0.766678	1.06621	1.06621	0.00557151	2.1913	2.1913	0.00324477	0.421064	-2.37494	0.75465	1.06988	1.06988	4.77174	3.50839	0.65355	1
cg18853490	0.573873	0.764253	-1.30847	0.00172355	0.12051	-8.29807	0.390292	1.51668	1.51668	0.0707699	0.384683	-2.59954	4.71879	16.7318	3.15181	1
cg00858196	0.379518	0.801668	-1.2474	0.33457	1.27638	1.27638	0.690942	0.906656	-1.10295	0.0207574	0.505282	-1.97909	3.65546	3.48111	0.846492	1
cg07162608	0.00891544	0.373605	-2.67662	0.244271	1.43397	1.43397	0.25019	0.700782	-1.42698	0.11488	0.602117	-1.66081	3.53673	4.90423	1.23258	1
cg03511766	0.697402	1.06266	1.06266	0.00213185	1.95672	1.95672	0.96424	1.007	1.007	0.0103467	0.605081	-1.65267	7.30795	2.80021	0.340598	1
cg03440850	0.089467	1.29315	1.29315	0.000641292	2.05328	2.05328	0.330649	0.871253	-1.14777	0.565321	0.923299	-1.08307	8.18378	2.44343	0.265395	1
cg15668767	0.497925	1.11911	1.11911	0.843381	0.968167	-1.03288	0.385526	1.15661	1.15661	0.0180778	0.625254	-1.59935	7.19022	3.04592	0.376552	1
cg01257383	0.127876	0.56084	-1.78304	0.00771929	0.300463	-3.32819	0.49818	0.785375	-1.27328	0.0141642	0.345261	-2.89636	4.52699	8.84985	1.7377	1
cg12296860	0.831152	0.936919	-1.06733	0.00237555	0.27446	-3.64352	0.163807	0.635452	-1.57368	0.0982264	0.574972	-1.73921	4.42053	6.5193	1.31091	1
cg16109381	0.000138519	0.303335	-3.29669	0.000231831	0.330656	-3.02429	0.214731	1.26689	1.26689	0.022979	0.611013	-1.63663	28.2671	14.6875	0.461865	1
cg11553153	0.00400536	0.318897	-3.13581	0.00056047	0.205748	-4.86032	0.0267131	0.460304	-2.17248	0.058882	0.532318	-1.87858	11.2195	15.5192	1.22955	1
cg27275698	0.21934	1.3485	1.3485	0.0250188	0.53945	-1.85374	0.650484	1.11136	1.11136	0.0105219	0.47468	-2.10668	7.13882	6.05798	0.754308	1
cg26180006	0.068021	0.62841	-1.59132	0.00294817	0.39536	-2.52934	0.0348898	0.57185	-1.74871	0.0106035	0.481636	-2.07625	5.5693	4.55756	0.72741	1
cg22927134	0.074864	0.382971	-2.61116	0.0147502	0.23415	-4.27077	0.481755	0.707571	-1.41329	0.137704	0.461474	-2.16697	3.64753	13.5202	3.29482	1
cg22160511	0.0278901	0.312127	-3.20382	0.00103525	0.113328	-8.82395	0.822586	1.10587	1.10587	0.397397	0.678206	-1.47448	4.45214	14.1588	2.82687	1
cg05596267	0.415954	1.10081	1.10081	0.857158	1.02103	1.02103	0.00638101	1.50688	1.50688	0.00647372	1.5052	1.5052	3.78139	0.799208	0.187869	1
cg14891651	0.262952	1.17652	1.17652	0.119228	1.26556	1.26556	0.227499	0.838229	-1.19299	0.00190576	0.541955	-1.84517	14.6534	4.50276	0.273141	1
cg19344795	0.103472	1.49352	1.49352	0.119385	1.46328	1.46328	0.953195	1.01331	1.01331	0.162727	0.714852	-1.39889	12.6498	10.1657	0.71433	1
cg10783584	0.00303147	0.3019	-3.31235	0.144324	1.58775	1.58775	0.17617	1.52799	1.52799	0.699261	0.891865	-1.12125	6.57848	9.0549	1.2235	1
cg26745143	0.232586	1.35742	1.35742	0.247414	0.744366	-1.34343	0.0368183	1.80765	1.80765	0.953787	1.01425	1.01425	5.59456	5.28029	0.838957	1
cg07484827	0.649855	0.870295	-1.14904	0.0975263	0.575413	-1.73788	0.299306	1.38678	1.38678	0.276659	0.708968	-1.4105	4.68891	6.8618	1.30081	1
cg12902436	0.210315	0.826793	-1.20949	0.00202819	1.8721	1.8721	0.512622	0.908756	-1.10041	0.809242	1.03546	1.03546	3.69678	1.21547	0.292259	1
cg14079492	0.000225828	1.71	1.71	7.89E-05	1.8669	1.8669	0.0383356	0.81064	-1.23359	0.071071	0.838306	-1.19288	12.6194	1.52912	0.107709	1
cg22925639	0.660836	0.924543	-1.08162	0.0155377	0.590167	-1.69444	0.193358	1.27709	1.27709	0.0426051	0.660458	-1.5141	3.9145	1.9576	0.444525	1
cg00748431	0.0199087	0.697282	-1.43414	0.175609	1.20296	1.20296	0.510048	1.08952	1.08952	0.296657	0.870374	-1.14893	3.43786	0.896318	0.231751	1
cg24519347	0.00540191	0.49776	-2.009	0.0349816	1.59693	1.59693	0.72734	1.06896	1.06896	0.166008	0.754721	-1.32499	15.858	9.11529	0.510938	1
cg17367545	0.107572	0.522662	-1.91328	0.0772431	0.483962	-2.06628	0.71788	1.14344	1.14344	0.378636	0.716262	-1.39614	8.84317	19.1164	1.92152	1
cg16474701	?	?	?	0.00137572	0.155667	-6.42398	0.0103913	0.274352	-3.64495	0.0125736	0.288283	-3.46882	7.74409	17.5108	2.26119	1
cg04035728	0.0576807	0.33466	-2.98811	0.00164968	0.100516	-9.94864	0.00273653	0.121347	-8.24081	0.311839	0.586483	-1.70508	5.36442	22.0991	3.66183	1
cg07054263	0.704932	0.910453	-1.09835	0.380043	1.24863	1.24863	0.67051	1.1113	1.1113	0.386676	0.803468	-1.24461	5.11729	4.92825	0.856054	1
cg05359237	0.138161	0.386987	-2.58406	0.051985	0.268527	-3.72402	0.024573	0.203436	-4.91556	0.191913	0.439767	-2.27393	3.74999	21.0044	4.97885	1
cg23138161	0.529058	0.824982	-1.21215	0.504354	0.815128	-1.2268	0.661588	0.875562	-1.14212	0.88741	1.04367	1.04367	3.57851	5.15899	1.28147	1
cg16570223	0.00490326	0.533494	-1.87444	4.36E-07	0.0896754	-11.1513	0.00795671	0.563582	-1.77436	0.0268384	0.642763	-1.55578	26.896	12.0999	0.399892	1
cg22670733	0.000204032	0.366641	-2.72746	1.44E-05	0.233322	-4.28593	0.0022111	0.500943	-1.99624	0.000419961	0.406117	-2.46234	24.089	9.90998	0.365681	1
cg08035213	2.57E-05	0.149885	-6.67179	0.0771605	0.639467	-1.5638	0.0184106	0.521687	-1.91686	0.035879	0.573807	-1.74275	21.3543	17.509	0.728826	1
cg06323693	0.984753	1.00223	1.00223	0.0123841	1.43663	1.43663	0.302477	0.883111	-1.13236	0.195577	0.852751	-1.17267	14.9976	3.21665	0.190647	1
cg04671614	0.000795657	0.40977	-2.44039	4.39E-05	0.255484	-3.91413	0.188884	0.782609	-1.27778	0.0154649	0.592663	-1.6873	13.1876	6.47678	0.436557	1
cg24506363	0.0019007	1.87236	1.87236	0.236168	0.837816	-1.19358	7.16E-05	0.356462	-2.80534	0.709183	0.947995	-1.05486	13.1017	4.21675	0.286088	1
cg11826999	0.544522	1.20947	1.20947	0.545228	0.827093	-1.20905	0.00107643	0.223721	-4.46985	0.00269581	0.276481	-3.61688	11.8425	18.0332	1.35356	1
cg25527599	0.241019	1.45533	1.45533	0.000265969	0.160355	-6.23618	0.0144261	0.397806	-2.51379	0.0607287	0.523941	-1.90861	8.50634	12.5914	1.31576	1
cg09986456	0.139844	1.21567	1.21567	0.0529548	1.31047	1.31047	0.00910379	0.665411	-1.50283	0.149357	0.826909	-1.20932	8.02965	1.92195	0.212761	1
cg16542125	0.00498876	0.499375	-2.0025	0.600806	0.906058	-1.10368	0.000451822	0.35586	-2.81009	0.174136	0.763264	-1.31016	6.81387	3.76805	0.491552	1
cg26699102	0.446784	1.31496	1.31496	0.861708	0.94029	-1.0635	0.000755606	0.164726	-6.07067	0.324773	0.698337	-1.43197	6.69019	13.2107	1.75523	1
cg22095041	0.110727	0.481108	-2.07853	0.233166	0.590786	-1.69266	0.226091	0.585581	-1.70771	0.0124112	0.269776	-3.70677	5.80206	16.2879	2.49534	1
cg19993258	0.0587995	0.342962	-2.91577	0.000472113	0.063682	-15.703	0.120994	0.430397	-2.32344	0.0909489	0.39313	-2.54369	5.13168	20.4311	3.53898	1
cg09413615	0.469296	1.31236	1.31236	0.367577	0.710538	-1.40738	0.00179475	5.15577	5.15577	0.346805	1.43003	1.43003	5.07073	10.9481	1.91918	1
cg23880581	0.918393	0.961807	-1.03971	0.000806879	0.146488	-6.82649	0.48336	0.762872	-1.31084	0.586742	0.811765	-1.23188	4.18347	9.56595	2.03254	1
cg07973591	0.676305	0.87755	-1.13954	0.30231	0.717186	-1.39434	0.0375261	0.472006	-2.11862	0.434825	1.28131	1.28131	3.65005	5.59454	1.36243	1
cg16901840	0.110914	1.16283	1.16283	0.0133552	0.766289	-1.30499	1.46E-05	2.18758	2.18758	0.782332	1.02435	1.02435	15.7389	1.88059	0.106211	1
cg23250494	0.371897	1.11988	1.11988	0.00184986	0.579357	-1.72605	0.00257055	1.67574	1.67574	0.288143	0.872675	-1.1459	6.35203	1.5344	0.214721	1
cg01684256	0.0500155	0.48858	-2.04675	0.000364253	0.160284	-6.23894	0.302861	1.40783	1.40783	0.258674	0.685436	-1.45893	8.67809	14.117	1.446	1
cg26732943	0.473572	0.901822	-1.10887	0.000221042	2.39242	2.39242	0.0693925	1.33373	1.33373	0.355808	1.14414	1.14414	7.39134	2.35287	0.282958	1
cg01743841	0.0349103	0.642913	-1.55542	0.0296671	0.631298	-1.58404	0.773016	0.949359	-1.05334	0.878673	0.972924	-1.02783	4.08494	2.08908	0.454587	1
cg25773267	0.977356	1.00828	1.00828	0.00111871	4.03069	4.03069	0.137417	0.628334	-1.59151	0.288766	1.37693	1.37693	4.03843	5.39576	1.18765	1
cg19696491	0.265491	0.58419	-1.71177	3.55E-05	0.0248295	-40.2746	0.906629	0.947097	-1.05586	0.151905	0.491111	-2.0362	9.4546	32.132	3.02094	1
cg22563815	0.650638	0.809616	-1.23515	0.000144603	0.0482184	-20.739	0.153228	0.492393	-2.0309	0.0969462	0.43	-2.32558	7.49971	25.4884	3.02097	1
cg17108064	0.267365	0.631927	-1.58246	0.00141597	0.159628	-6.26456	0.149146	0.54092	-1.8487	0.165857	0.555997	-1.79857	4.98773	12.4643	2.22133	1
cg26678012	0.278301	0.615431	-1.62488	0.00118012	0.128884	-7.75894	0.434531	0.709393	-1.40966	0.0287224	0.329248	-3.03722	4.01188	11.7814	2.61033	1
cg07906724	0.00445136	0.179623	-5.5672	0.000683168	0.0955791	-10.4625	0.381215	1.50141	1.50141	0.0167515	0.266823	-3.74781	9.07771	29.4371	2.88248	1
cg16417043	0.019796	2.22201	2.22201	0.518007	0.830311	-1.20437	0.836536	0.943063	-1.06037	0.304814	0.73969	-1.35192	7.5623	9.64284	1.13344	1
cg06523556	0.0998862	0.233847	-4.2763	0.000355653	0.00984963	-101.527	0.247039	0.37702	-2.65238	0.0110956	0.0768144	-13.0184	6.23367	64.121	9.14333	1
cg27051318	0.0671193	0.379129	-2.63763	0.0016416	0.118739	-8.42183	0.421432	0.6783	-1.47427	0.029777	0.298569	-3.34931	5.79738	20.511	3.14487	1
cg07212615	0.815002	1.04277	1.04277	0.0379405	0.650516	-1.53724	0.0975613	0.722657	-1.38378	0.372964	0.849231	-1.17754	4.98973	2.52296	0.44945	1
cg20539142	0.0992487	0.229779	-4.352	0.00309313	0.0370846	-26.9654	0.009063	0.0672676	-14.866	0.0344513	0.134352	-7.44311	4.18015	43.8462	9.32367	1
cg07157107	0.0974396	0.270088	-3.70249	0.00527958	0.0708702	-14.1103	0.0139829	0.112526	-8.88686	0.0550572	0.208959	-4.78563	3.89376	31.9465	7.29292	1
cg27395654	0.111584	0.178576	-5.59987	0.00249084	0.015328	-65.2401	0.0419773	0.0973117	-10.2763	0.169187	0.233154	-4.28901	3.78056	59.1709	13.9123	1
cg08481732	0.0121494	0.823134	-1.21487	0.0807038	0.886373	-1.12819	0.0270307	1.17706	1.17706	0.00318363	1.28508	1.28508	12.7739	0.784456	0.0545876	1
cg00111677	0.00305853	1.52108	1.52108	0.000645849	1.71809	1.71809	0.0531732	1.25503	1.25503	0.336868	0.902682	-1.10781	7.54994	1.27846	0.150519	1
cg09427354	0.824103	1.02463	1.02463	0.13296	1.19389	1.19389	0.0103376	1.42356	1.42356	0.0208222	1.35543	1.35543	7.15832	1.35489	0.168245	1
cg04785227	0.342274	1.21104	1.21104	0.0933337	0.696833	-1.43506	0.00378366	0.465551	-2.14799	0.0139123	0.551785	-1.8123	6.74159	4.08884	0.539119	1
cg12793879	0.0453224	0.542664	-1.84276	0.688431	0.898246	-1.11328	0.0272021	2.00553	2.00553	0.056461	0.562741	-1.77702	5.48057	6.152	0.997787	1
cg05168573	0.325765	0.831422	-1.20276	0.157972	1.3161	1.3161	0.973659	1.00603	1.00603	0.00372564	0.490258	-2.03974	4.0716	2.13492	0.466084	1
cg13980533	0.415139	1.15451	1.15451	0.0272198	1.5696	1.5696	0.0120066	1.71683	1.71683	0.105764	1.35633	1.35633	3.58366	1.68873	0.418872	1
cg12584785	0.529626	0.852881	-1.1725	0.0206009	0.498129	-2.00751	0.0324194	1.86986	1.86986	0.871299	0.960291	-1.04135	3.49706	3.45894	0.879201	1
cg07801448	8.97E-07	0.235595	-4.24458	3.35E-07	0.193602	-5.16523	0.312516	0.890568	-1.12288	1.77E-05	0.37769	-2.64768	92.6209	18.0528	0.173253	1
cg26531231	0.355331	0.520204	-1.92232	0.00117042	0.0378238	-26.4384	0.0919653	0.279404	-3.57905	0.0293215	0.171277	-5.8385	4.78344	35.792	6.65111	1
cg08943292	0.0876496	1.34518	1.34518	0.00638374	1.74761	1.74761	0.116834	1.30732	1.30732	0.778005	0.956519	-1.04546	4.02399	1.57665	0.348277	1
cg01651284	0.397748	1.39267	1.39267	0.00286504	4.80378	4.80378	0.0122779	3.29721	3.29721	0.251068	1.58207	1.58207	3.92902	9.10567	2.06004	1
cg17107156	0.0589105	1.74072	1.74072	0.0200118	2.07379	2.07379	0.00367609	2.7743	2.7743	0.0018411	3.15616	3.15616	11.1798	11.9551	0.950538	1
cg01229452	0.185148	1.41422	1.41422	0.00104296	3.31024	3.31024	0.00744712	2.33958	2.33958	0.0015471	3.07354	3.07354	9.51854	9.16979	0.856321	1
cg04234232	0.0407123	0.635123	-1.5745	0.00665612	0.508379	-1.96704	0.135962	0.734404	-1.36165	0.079166	0.687655	-1.45422	8.24231	4.81864	0.519665	1
cg19440264	0.100628	2.33514	2.33514	0.0234192	3.58577	3.58577	0.0210168	3.70288	3.70288	0.0171471	3.93488	3.93488	6.92558	24.3922	3.1307	1
cg07010552	0.0379205	0.478662	-2.08916	0.000342939	0.171257	-5.83919	0.363871	1.33061	1.33061	0.067738	0.534509	-1.87088	6.83518	10.1439	1.31917	1
cg18884137	0.439731	1.19929	1.19929	0.0217531	1.8874	1.8874	0.0108259	2.09192	2.09192	0.892061	1.03181	1.03181	6.55765	5.52369	0.748736	1
cg25581039	0.0317893	1.5849	1.5849	0.0025386	2.15239	2.15239	0.551332	1.11661	1.11661	0.654372	0.920848	-1.08596	4.04874	2.14716	0.471403	1
cg21132352	0.0256601	4.64149	4.64149	0.00619633	7.90195	7.90195	0.0330965	4.23314	4.23314	0.09638	2.87852	2.87852	3.45599	18.3584	4.72184	1
cg19312536	0.0262732	0.721073	-1.38682	6.72E-05	0.404211	-2.47396	0.124351	0.813469	-1.2293	0.0362721	0.739306	-1.35262	11.6438	2.8387	0.216706	1
cg13424529	0.36594	1.25451	1.25451	0.492302	0.843465	-1.18559	0.0820405	0.624796	-1.60052	0.0134673	0.473879	-2.11024	5.54142	5.22969	0.838884	1
cg11193281	0.261525	0.697728	-1.43322	0.0173747	0.410499	-2.43606	0.0154242	0.401037	-2.49354	0.775874	0.915996	-1.09171	5.29921	7.93055	1.33027	1
cg17127816	0.493314	0.86172	-1.16047	0.00595868	2.15797	2.15797	0.271954	1.27715	1.27715	0.0154098	0.529417	-1.88887	3.88348	2.81458	0.64423	1
cg18288119	0.0788082	0.348403	-2.87024	0.0324674	0.258627	-3.86657	0.0252537	0.237589	-4.20894	0.0977026	0.374736	-2.66855	3.6598	16.9142	4.1081	1
cg14926097	0.363777	0.617983	-1.61817	0.0251712	0.253333	-3.94737	0.318021	0.587292	-1.70273	0.0464824	0.30853	-3.24117	3.50499	14.7619	3.74371	1
cg06729844	0.00569407	0.313794	-3.18681	0.99882	1.00047	1.00047	0.0157377	0.388323	-2.57518	0.917418	0.967394	-1.0337	6.3626	10.294	1.43813	1
cg20281882	0.510991	1.13138	1.13138	0.00259263	2.16586	2.16586	0.953043	0.989156	-1.01096	0.622159	0.912137	-1.09633	5.22429	2.8363	0.482584	1
cg23335916	0.0129194	0.35012	-2.85616	0.111743	0.554867	-1.80223	0.0470961	0.461757	-2.16564	0.0407715	0.447905	-2.23261	4.63109	8.48239	1.62811	1
cg02411937	0.508919	0.741891	-1.34791	0.0381883	0.342858	-2.91666	0.637145	1.23578	1.23578	0.226529	0.567924	-1.7608	4.33647	13.6346	2.79482	1
cg06840801	0.053079	0.272082	-3.67537	0.0064801	0.122954	-8.13311	0.124728	0.373711	-2.67586	0.0530877	0.272098	-3.67515	3.55418	19.7417	4.93734	1
cg20577630	0.036199	0.403435	-2.47871	0.00900911	0.290116	-3.4469	0.00559466	0.257722	-3.88015	0.00818758	0.283384	-3.52879	6.59422	14.5051	1.95526	1
cg08321268	0.254681	0.753268	-1.32755	5.35E-06	0.0858137	-11.6532	0.120874	0.669833	-1.49291	0.527572	1.16472	1.16472	21.2107	19.0657	0.798996	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-vs-NO)	p-value(1047-vs-NO)	Fold-Change(1-vs-1047)	p-value(105T-vs-NO)	Fold-Change(1-vs-105T)	p-value(057-vs-NO)	Fold-Change(1-vs-057)	p-value(111T-vs-NO)	Fold-Change(1-vs-111T)	p-value(117-vs-NO)	Fold-Change(1-vs-117)	p-value(112T-vs-NO)	Fold-Change(1-vs-112T)	p-value(121T-vs-NO)	Fold-Change(1-vs-121T)	p-value(121T-vs-NO)	Fold-Change(1-vs-121T)
cg00399269	CHRNB4	0.000268804	1.63743	0.037818	1.65157	0.52635	1.08141	0.714777	-1.39904	2.64E-05	3.232131	4.36792	0.00453911	0.514609	-1.94322	6.02E-05	3.271781	1.63743	
cg20622131	CHRNB4	0.00501211		0.558736	1.867583	-1.15263	3.596474	1.13696	1.13696	0.00112874	3.316255	-3.162	0.0104416	0.460953	-2.16942	0.48287	0.842558	1.18686	
cg21432248	CHRNB4	0.01073169		0.00877203	0.541802	-1.84569	0.00165323	0.437468	-2.28588	0.01200013	0.562516	-1.77773	0.651562	0.919924	-1.08705	0.614991	0.911094	-1.09758	
cg21205776	CHRNB4	0.01951445		0.2702887	0.61678	-1.62133	0.5579938	0.405586	-2.46496	0.00736737	0.435653	-4.27981	0.0394144	0.566719	-2.72689	0.126847	0.498992	-2.00406	
cg21719314	CHRNB4	0.0241497		0.02682173	0.15071	-3.13075	0.129824	4.96809	4.96809	0.236843	3.3673	3.3673	0.0953094	0.02211	6.0211	0.0166101	17.5582	17.5582	
cg21402071	CHRNB4	0.028763		0.00299245	3.3875	3.3875	0.0325478	3.30374	3.30374	0.8008371	1.12831	1.12831	0.175373	1.98913	1.98913	0.0863396	2.47216	2.47216	
cg23409989	CHRNB4	0.0303113		0.0249779	13.5696	13.5696	0.0655738	7.54115	7.54115	0.200917	3.74567	3.74567	0.0602614	7.93875	7.93875	0.0376385	10.5655	10.5655	
cg18022917	CHRND	0.000951042		0.154761	0.697321	-1.43406	0.8786451	1.03683	1.03683	0.000493433	0.265982	-3.75299	0.846534	0.955168	-1.04674	0.00126695	0.252997	-3.95361	
cg04433048	CHRNE	0.00845243		0.00378925	0.35318	-2.83255	0.127465	0.116509	-8.58521	0.0001282	-1.2455	0.754044	1.00016	0.10016	0.0635763	0.557711	-1.79304		
cg05019311	CHRNE	0.04413156		0.0216024	0.568281	-1.75969	0.1138991	1.86371	1.86371	0.408043	1.18929	1.18929	0.426091	0.846633	-1.18115	0.139233	0.721798	-1.38543	
cg08183620	CHRNE	0.04975723		0.00951735	0.3855	-2.59401	0.1288	0.212268	-4.71282	0.0182258	0.57179	-1.75058	0.855921	0.858133	-1.16532	0.0210365	0.48315	-2.06992	
cg24768135	CHRNC1/cf107	0.00416654		0.424259	0.80576	-1.24106	0.00301936	0.340992	-2.93262	0.962976	0.98779	-1.01236	0.145107	0.660935	-1.51301	0.00168849	0.279237	-3.58119	
cg12608565	CHRNC1/cf107	0.00279968		0.0262449	4.34098	4.34098	0.0168147	4.83478	4.83478	0.0735221	2.93921	2.93921	0.0680462	3.01803	3.01803	0.0144267	5.08444	5.08444	
cg09495303	CHRNC1/cf107	0.01226607		0.0140038	4.01392	4.01392	0.0162883	3.98016	3.98016	0.00939097	4.5239	4.5239	0.00736388	2.51255	2.51255	0.0182356	3.71593	3.71593	
cg14275842	CHRNC1/cf107	0.0272475		0.06212559	7.0398	7.0398	0.0156102	10.3991	10.3991	0.167204	3.92852	3.92852	0.343219	2.47779	2.47779	0.0444532	8.54021	8.54021	
cg05529816	CHRNC1/cf107	0.02754521		0.03088211	5.9841	17.9841	0.0048475	0.0938872	0.0938872	0.0005926	0.17976	13.7976	0.0821972	0.97917	0.97917	0.121773	0.76349	0.76349	0.0131204	23.3744	23.3744
cg09036188	CHRNC1/cf107	0.04200119		0.0539967	3.04451	3.04451	0.0936698	2.5558	2.5558	0.252372	1.83781	1.83781	0.479067	1.44233	1.44233	0.0454442	3.21508	3.21508	
cg20144095	CHRNC1/cf107;C1?orf107	0.0186367		0.0910055	5.73076	5.73076	0.0092258	28.7622	28.7622	0.184291	3.78266	3.78266	0.208991	2.86192	-3.49416	0.105382	5.11944	5.11944	
cg09283546	CHRNG	0.01069978		0.00606889	0.259398	-3.85358	0.0504071	0.431586	-2.31703	0.4949961	0.7702125	-1.29834	0.772697	1.1153	1.1153	0.0203238	0.348552	-2.86901	
cg14385566	CHRNG	0.0296678		0.844032	1.04612	1.04612	0.0426813	0.586186	-1.70594	0.00181152	0.362311	-2.76006	0.718014	1.08655	1.08655	0.889595	1.0323	1.0323	
cg05460599	CHST1	0.000291806		0.122378	1.17413	1.17413	0.0103482	1.75265	1.75265	0.0001204	0.625138	-1.60894	0.813332	1.02294	1.02294	0.00133823	0.59953	-1.66365	
cg01425746	CHST1	0.00134031		0.212821	1.26983	1.26983	0.0105603	1.7961	1.7961	0.0567415	1.48085	1.48085	0.0418189	1.74014	1.74014	0.0165042	1.55044	1.55044	
cg08382755	CHST1	0.0065517		0.00945425	1.45141	1.45141	0.0156461	2.50409	2.50409	0.0502944	1.93065	1.93065	0.0898204	1.73443	1.73443	0.0264884	1.82782	1.82782	
cg09426197	CHST1	0.0121202		0.437061	0.874878	-1.14302	0.10867	0.742211	-1.34733	0.0152034	0.595718	-1.67865	0.162767	0.776462	-1.28789	0.994207	0.99878	1.00122	
cg23257105	CHST1	0.022037		0.905411	0.970646	-1.03024	0.0426824	0.557217	-1.79463	0.996962	0.999046	-1.00095	0.60248	1.14077	1.14077	0.00298988	0.360358	-2.77502	
cg06352754	CHST1	5.21E-05		0.00154993	0.513354	1.84723	0.0154874	0.047035	-2.55266	0.0000529	0.553262	-2.20621	0.850467	0.78051	1.13611	1.71E-05	0.239044	4.18403	
cg19283506	CHST10	0.00114622		0.000193853	0.304966	-3.27906	0.0861249	0.698356	-1.43194	0.61373	0.908133	-1.10116	0.010945	0.546294	-1.83052	0.0532115	0.659781	1.51565	
cg05144465	CHST10	0.00218325		0.0910055	5.3806	5.3806	0.0092258	28.7622	28.7622	0.184291	3.78266	3.78266	0.208991	2.86192	-3.49416	0.105382	5.11944	5.11944	
cg21364056	CHST10	0.00327306		0.887429	0.02608	1.02608	0.0116956	1.7728	1.7728	0.00043747	0.364258	-2.7453	0.395249	1.17145	1.17145	0.0183878	0.850206	1.17619	
cg14372394	CHST10	0.0103132		0.521388	0.826739	-1.20957	0.0181554	2.50866	2.50866	0.0428876	1.97824	1.97824	0.00179357	0.272377	-3.67138	0.148858	1.57339	1.57339	
cg12002119	CHST10	0.01770116		0.0532606	0.744143	0.744143	0.0312247	1.34351	1.34351	1.25265	1.25265	0.504804	0.825138	-1.69849	-1.69849	0.0107159	0.822559	-1.21576	-1.09669	0.00275648	0.367253	-2.72245
cg02375251	CHST10	0.02795647		0.0245042	0.170044	-5.88085	0.0090629	0.111581	-8.96206	0.0117893	0.124976	-8.00156	0.416962	0.577709	-1.73068	0.0121555	0.126621	7.89758	
cg01247188	CHST10	0.02076763		0.00889442	0.145215	-6.88603	0.0073739	0.107759	-9.28157	0.0117893	0.119724	-8.35377	0.416606	0.604777	-1.65351	0.0119764	0.126606	7.90047	
cg21548032	CHST11	0.00980579		0.0282167	2.22421	2.22421	0.0298903	2.12063	2.12063	0.87795	0.988381	-1.01176	0.00334281	1.3763	1.3763	8.12E-05	1.81787	1.81787	
cg22827210	CHST11	0.000984263		9.41E-05	0.0541672	-18.4614	0.473686	0.736951	-1.35694	0.00506426	0.211762	-4.72228	0.00271647	0.176506	-5.66554	0.0146624	0.285081	-3.50777	
cg11452380	CHST11	0.00111541		0.677201	0.94954	1.05307	0.6145	0.0661	-15.1281	0.0183665	0.10824	-9.23825	0.0106502	0.11881	-8.41825	0.0140645	0.10737	9.31284	
cg07696842	CHST11	0.00113605		0.004225	0.149189	-6.70291	0.000121312	0.0356369	-28.0608	0.00608673	0.168831	-5.92308	0.115949	0.427984	-2.33654	0.00168339	0.107524	9.30026	
cg07207169	CHST11	0.00262928		0.0058367	0.4844	0.4844	-2.44592	0.4463132	0.696537	-1.43567	0.631749	0.802683	-1.007	0.995971	1.00407	0.00027115	0.0933445	-10.7079	
cg02376674	CHST11	0.00487385		0.181991	0.788999	-1.26743	0.672234	0.931283	-1.07379	0.00388413	0.431452	-2.31775	0.560417	0.906205	-1.1035	0.0695014	0.712016	1.40446	
cg06893569	CHST11	0.00527558		0.00119715	0.463808	-2.15606	0.6129669	1.08606	1.08606	0.449599	1.1328	1.1328	0.575631	1.09585	1.09585	0.00226973	0.501035	-1.99587	
cg11717777	CHST11	0.00658637		0.00258622	0.4844	0.4844	-2.44592	0.4463132	0.696537	-1.43567	0.631749	0.802683	-1.007	0.995971	1.00407	0.00027115	0.0933445	-10.7079	
cg02376674	CHST11	0.00487385		0.181991	0.788999	-1.26743	0.672234	0.931283	-1.07379	0.00388413	0.431452	-2.31775	0.560417	0.906205	-1.1035	0.0695014	0.712016	1.40446	
cg06893569	CHST11	0.00527558		0.00119715	0.463808	-2.15606	0.6129669	1.08606	1.08606	0.449599	1.1328	1.1328	0.575631	1.09585	1.09585	0.00226973	0.501035	-1.99587	
cg11717777	CHST11	0.00658637		0.00258622	0.4844	0.4844	-2.44592	0.4463132	0.696537	-1.43567	0.631749	0.802683	-1.007	0.995971	1.00407	0.00027115	0.0933445	-10.7079	
cg19047077	CHST11	0.00712828		0.0539094	0.704626	-1.41919	0.196332	1.24429	1.24429	0.442829	1.13335	1.13335	0.624056	0.924016	-1.08223	0.0126484	0.609026	1.64197	
cg03641497	CHST11	0.00713431		0.1154311	0.866145	-1.15457	0.412728	0.60478	-1.65328	0.0138538	0.680298	-1.46994	0.0376858	0.572634	-1.74611	0.0051484	0.9906	1.0094	
cg12970542	CHST11	0.00834707		0.1171309	0.705196	-1.41805	0.0334538	0.6005581	-1.66505	0.0285086	0.588406	-1.69951	0.152491	0.730184	-1.36952	0.0181723	0.610786	1.63723	
cg15404019	CHST11	0.01015901		0.0031159	0.329409	-3.03602	0.0486463	0.127227	-7.86663	0.0872339	0.364967	-2.74036	0.0429502	0.429468	-2.32857	0.0109468	0.274112	-3.64798	
cg21364056	CHST10	0.00327306		0.887429	0.02608	1.02608	0.0116956	1.7728	1.7728	0.00043747	0.364258	-2.7453	0.395249	1.17145	1.17145	0.0183878	0.850206	1.17619	
cg14372394	CHST10	0.0103132		0.521388	0.826739	-1.20957	0.0181554	2.50866	2.50866	0.0428876	1.97824	1.97824	0.00179357	0.272377	-3.67138	0.148858	1.57339	1.57339	
cg12002119	CHST10	0.01770116		0.0532606	0.744143	0.744143	0.0312247	1.34351	1.34351	1.25265	1.25265	0.504804	0.825138	-1.69849	-1.69849	0.0107159	0.822559	-1.21576	-1.09669	0.00275648	0.367253	-2.72245
cg02375251	CHST10	0.02795647		0.0245042	0.170044	-5.88085	0.0090629	0.111581	-8.96206	0.0117893	0.124976	-8.00156	0.416962	0.577709	-1.73068	0.0121555	0.126621	7.89758	
cg01247188	CHST10	0.02076763		0.00889442	0.145215	-6.88603	0.0073739	0.107759	-9.28157	0.0117893	0.119724	-8.35377	0.416606	0.604777	-1.65351	0.0119764	0.126606	7.90047	
cg21548032	CHST11	0.00980579		0.0282167	2.22421	2.22421	0.0298903	2.12063	2.12063	0.87795	0.988381	-1.01176	0.00334281	1.3763	1.3763	8.12E-05	1.81787	1.81787	
cg22827210	CHST11	0.000984263		9.41E-05	0.0541672	-18.4614	0.473686	0.736951	-1.35694	0.00506426	0.211762	-4.72228	0.00271647	0.176506	-5.66554	0.0146624	0.285081	-3.50777	
cg11452380	CHST11	0.00111541		0.677201	0.94954	1.05307	0.6145	0.0661	-15.1281	0.0183665	0.10824	-9.23825	0.0106502	0.11881	-8.41825	0.0140645	0.10737	9.31284	
cg07696842	CHST11	0.00113605		0.004225	0.149189	-6.70291	0.000121312	0.0356369	-28.0608	0.00608673	0.168831	-5.92308	0.115949	0.427984	-2.33654	0.00168339	0.107524	9.30026	
cg07207169	CHST11	0.00262928		0.0058367	0.4844	0.4844	-2.44592	0.4463132	0.696537	-1.43567	0.631749	0.802683	-1.007	0.995971	1.00407	0.00027115	0.0933445	-10.7079	
cg24330306	CHST13	0.0130608		0.390347	0.663316	-1.50758	0.312165	1.63	1.63	0.0229802	0.281265	-3.55537	0.954311	0.973633	-1.02708	0.0029276	0.148623	6.72845	
cg04572018	CHST13	0.01159132		0.00852754	5.85245	5.85245	0.00153425	11.0199	11.0199	0.0202894	4.36205	4.36205	0.133687	2.34304	2.34304	0.016413	4.682	4.682	
cg18664965	CHST13	0.00147642		0.228501	0.74242	0.74242	-1.34692	0.308153	0.308153	0.0169734	0.474383	2.10719	0.181989	0.43151	2.31673	0.0168232	0.473273	2.1126	
cg06064274	CHST13;CHST14	0.00338334		0.00674246	0.219635	-4.68088	0.666378	0.20996	0.455052	1.90702	1.39702	0.0178982	0.141875	-7.04845	0.295313	0.620709	1.61106		
cg08446023	CHST14	0.0245-05		0.00308321	0.3248	0.3248	-3.07693	0.09129	0.109525	0.0001552	0.5	-1.98787	0.214505	0.815483	-1.22615	3.99E-06	0.415607	2.40612	
cg10141261	CHST15	0.00102814		0.324201	0.787791	-1.26937	0.671238	1.10519	1.10519	0.298938	0.777078	-1.28687	0.0348695	0.562097	-1.77905	1.26E-05	0.116226	8.60395	
cg02408538	CHST15	0.002303		0.738248	1.06061	1.06064	0.324158	0.836332	-1.1957	0.00031672	2.7842	2.7842	0.170214	1.29227	1.29227	0.0154546	0.593532	-1.68483	
cg10637370	CHST15	0.00346425		0.367421	0.839587	-1.19107	0.4344	1.27468	1.27468	0.0229802	0.821493	1.21743	0.0744	0.250278	3.99512	0.0131102	0.61585	1.62405	
cg15378605	CHST15	0.00604686		0.00140956	0.491041	-2.03649	0.263102	0.835688	-1.19662	0.0309435	0.677204	-1.47666	0.0435715	0.699758	-1.42906	0.369232	0.867724	-1.15244	
cg20649442	CHST15	0.00255103		0.2515232	0.80954	-1.23509	0.0702266	0.41508	-2.40918	0.0187933	0.5	-1.99954	0.0504582	0.51643	1.93627	0.0078334	0.360273	2.77802	
cg08082692	CHST15	0.012026		0.171437	0.764315	-1.30836	0.0496137	0.66135	-1.51206	0.0767476	0.695331	-1.43816	0.0642682	0.681276	-1.46783	0.116383	0.729819	1.3702	
cg00955186	CHST15	0.01172168		0.00869045	0.553378	-1.80746	0.0410357	0.91657	-1.09166	0.864167	1.43158	1.43158	0.361538	1.39277	1.39277	0.864383	1.03265		
cg03728374	CHST15	0.01179274		0.0298485	0.47784	0.09275	0.401609	1.2815	1.2815	0.0109551	0.5148	2.51548	0.0383785	0.499955	2.00018	0.172147	0.657115	1.5218	
cg23286081	CHST15	0.02862555		0.0095329	0.585288	-1.70856	0.195055	1.5018	1.5018	0.35387	1.32713	1.32713	0.066923	0.543674	-1.83934	0.0911891	0.573399	1.74399	
cg16449488	CHST15	0.00175004		0.077104	0.07212	-13.8675	0.0072145	0.140771	-7.10478	0.0154235	0.148158	6.74966	0.0155798	0.134802	7.41856	0.0160502	0.149349	6.69549	
cg09595290	CHST15	0.0492354		0.138952	1.66428	1.66428	0.886224	1.04685	1.04685	0.048283	2.0585	2.0585	0.3125351	1.3967	1.3967	0.0208183	0.41075	-2.43457	
cg26306455	CHST15;CHST15	0.00284351		0.2515232	0.80954	-1.23509	0.0702266	0.41508	-2.40918	0.0187933	0.5	-1.99954	0.0504582	0.51643	1.93627	0.0078334	0.360273	2.77802	
cg21904783	CHST2	0.00114725		0.929428	0.0327	-1.03027	0.0852349	0.00909	0.2701	0.19956	0.47662	-2.09818	0.859525	0.982397	1.01765	0.0238903	0.384958	2.59782	
cg20703891	CHST3	0.00096808		0.0265359	0.521593	-1.9172	0.00013947	0.194855	-5.13202	0.0719028	0.608645	-1.64299	0.009965571	0.29692	-3.36791	0.00024696	0.223988	-4.46453	
cg08972125	CHST3	0.00168113		0.0028263	1.44168	1.44168	0.0122402	1.97312	1.97312	0.867163	1.0155	1.0155	0.940554	0.882313	-1.13377	0.0018643	0.48132	-2.07775	
cg05236346	CHST3	0.0110358		0.977007	1.005	1.005	0.363199	1.17562	1.17562	0.259614	1.22582	1.22582	0.666743	0.927736	-1.07789	0.00034369	0.382048	2.61747	
cg06216634	CHST3	0.0290001		0.00705664	0.614026	-1.6286	0.252396	1.17551	1.17551	0.72848	0.95423	-1.04797	0.824088	0.970524	-1.03037	0.012775	0.650284	-1.53779	
cg08448209	CHST3	0.00142102		0.1323142	1.14648	1.14648	0.0122402	1.97312	1.97312	0.867163	1.0155	1.0155	0.940554	0.882313	-1.13377	0.0018643	0.48132	-2.07775	
cg04568774	CHST4	1.50E-06		0.0282641	0.637871	-1.48396	1.30E-06	0.150646	-6.63806	0.00324279	0.412399	-2.42484	0.02E-06	0.22582	-4.4283	1.99E-07	0.089626	11.1581	
cg00887163	CHST4	0.00162614		0.0014214	0.44979	-2.22337	0.0001703	0.0772878	-12.9387	0.00703295	0.64735	-1.54496	0.0053784	0.257533	-3.88299	0.00015458	0.175304	5.70363	
cg04076817	CHST4;CHST5	0.0017594		0.59059	1.20959	1.20959	0.0274805	0.401075	-2.4933	0.157983	0.589267	-1.69702	0.684228	1.15403	1.15403	7.39E-05	0.08014313	-12.478	
cg00535113	CHST4;CHST5	0.00379203		0.00239677	0.211268	-4.73333	0.0189261	0.351887	-2.84182	0.00143624	0.183872	-5.43856	0.00441696	0.247524	-4.04001	0.00157506	0.188617	-5.30176	
cg07494259	CHST4;CHST5	0.00546373		0.436862	0.8107	-1.23354	0.0922103	0.722878	-1.38358	0.0706708	0.658318	-1.51914	0.46772	0.797997	-1.25324	0.0010568	0.491444	2.03511	
cg01153214	CHST4;CHST5	0.00961688		0.00177438	0.167182	-5.98151	0.0143092	0.297037	-3.36659	0.0139167	0.294915	-3.39081	0.070975	0.444534	-2.24955	0.0211132	0.328148	3.04741	
cg00365578	CHST4;CHST5	0.01488446		0.0158963	0.299857	-3.33514	0.0382742	0.134928	-7.41093	0.0413744	0.384228	-2.60233	0.0422303	0.440523	-2.26975	0.0238795	0.301744	3.31416	
cg16562730	CHST4;CHST4;CHST4	0.00652304		0.276851	1.47882	1.47882	0.0119988	2.66468	2.66468	0.0127453	2.94103	2.89175	0.0887163	1.04963	1.04963	0.143803	0.508228	1.97	
cg27454540	CHST5	0.00202444		0.954428	1.00506	1.00506	5.07E-05	1.95675	1.95675	0.000371895	1.65426	1.65426	0.668167	1.03885	1.03885	0.000482399	0.616384	-1.62237	
cg08884460	CHST5	0.00338723		0.0029881	0.4844	0.4844	-2.44592	0.4463132	0.696537	-1.43567	0.631749	0.802683	-1.007	0.995971	1.00407	0.00027115	0.0933445	-10.7079	
cg03517083	CHST5	0.00671727		0.855302	1.03001	1.03001	0.465588	0.88656	-1.12783	0.480428	0.890301	-1.12322	0.0742651	1.38017	1.38017	0.00222985	0.499663	2.00135	
cg27210078	CHST5	0.0400792		0.0401054	0.54875	1.8225	0.0148	0.0401	-24.9438	0.0042718	0.831378	1.20274	0.14058	0.979956	1.02062	0.0078464	0.782508	1.27794	
cg06178085	CHST5	0.0108689		0.161227	0.782848	-1.27739	0.00177853	0.482915	-2.07076	0.030328	1.51676	1.51676	0.183136	0.793653	-1.26	0.0418531	1.46781	1.46781	
cg00489249	CHST5	0.0110413		0.123534	0.702068	-1.42436	0.0008307	0.292329	2.92329	0.129976	0.706929	-1.41457	0.150473	0.721229	-1.38652	0.578846	0.887703	-1.12625	
cg07111093	CHST5	0.0241004		0.0210569	0.183354	-5.45243	0.0238873	0.116436	-8.59053	0.0025259	0.453266	-2.20621	0.850467	0.78051	1.13611	0.0013812	0.388408	2.57497	
cg25421069	CHST5	0.0224902		0.327198	1.17504	1.17504	0.0153643	1.60709	1.60709	0.0941383	0.745646	-1.34112	0.23848	1.22332	1.22332	0.312976	1.18109	1.18109	
cg06261086	CHST6	0.00707466		0.0009107	0.4844	0.4844	-2.44592	0.4463132	0.696537	-1.43567	0.631749	0.802683	-1.007	0.995971	1.00407	0.00027115	0.0933445	-10.7079	
cg07449094	CHST6	0.0130098		0.464649	0.863342	-1.15829	0.0443255	0.472477	-2.1165	0.921521	0.980731	-1.01965	0.329406	1.21987	1.21987	0.0498036	0.627695	1.59313	
cg07454380	CHST6	0.0154586		0.0349438	-1.06299	0.927632	0.0853267	-1.01493	0.985509	0.734021	-1.39167	0.0178573	0.0414736	0.92017	-1.08703	0.0263535	0.73078	1.28078	
cg07867517	CHST6	0.0273872		0.0315227	0.585409	-1.70817	0.0146561	0.44661	-2.23946	0.0880422	0.6703	-1.49136	0.707034	1.02965	-1.00816	0.0263535	0.73078	1.28078	
cg07885166	CHST6	0.0295003		0.100468	1.3825	1.3825	0.312079	0.828424	-1.20711	0.00771252	0.534803	-1.86983	0.0329614	1.56664	1.56664	0.56061	1.10899	1.10899	
cg10496609	CHST6	0.0313651		0.0001	0.166166	0.166166	0.0112203	0.875145	1.14286	0.0001	0.648528	1.54334	0.329957	1.34402	1.34402	0.119643	0.746988	1.33884	
cg27172150	CHST6;CHST6	0.0424229		0.756555	0.935344	-1.06913	0.0136541	0.519087	-1.92646	0.0968031	0.675833	-1.47965	0.819101	0.95193	-1.0505	0.00180681	0.385297	2.5954	
cg08639586	CHST6;CHST6	0.00302628		0.0003179	0.790546	-1.38104	0.0012915	0.626249	-1.59619	0.00344145	0.497128	-2.01156	0.479112	1.16069	1.16069	0.0014324	0.57939	-1.72585	
cg08579818	CHST6;CHST6	0.00186322		0.103949	0.674333	-1.48295	0.0315835	0.556739	-1.79577	0.0283317	0.594575	-1.67929	0.172646	0.823073	1.2302	0.0387552	0.613502	1.62985	
cg25999442	CHST6;CHST6	0.00434694		0.0243335	1.76705	1.76705	0.00856631	0.490955	-2.03685	0.101695	1.46239	1.46239	0.14032	1.40006	1.40006	0.407728	0.833555	1.19968	
cg03125498	CHST6;CHST6	0.00722208		0.0018354	0.4844	0.4844	-2.44592	0.4463132	0.696537	-1.43567	0.631749	0.802683	-1.007	0.995971	1.00407	0.00027115	0.0933445	-10.7079	
cg17171722	CHST6;CHST6	0.00757264		0.001262934	0.307735	-3.43332	0.474406	0.797119	-1.25441	0.00388218	0.297695	-3.35914	0.046293	0.614931	-1.6262	0.00039311	0.214435	-4.66342	
cg00747125	CHST6;CHST6	0.0310524		0.303625	0.703453	-1.42161	0.372367	1.35739	1.35739	0.828869	1.03736	1.03736	0.107092	1.59457	1.59457	0.0307771	0.703708	-1.42104	
cg06527639	CHST6;CHST6	0.0031317		0.0043845	0.573935	-1.74236	0.1734506	0.815501	-1.22128	0.0245645	0.622044	-1.44458	0.0724	0.990255	-1.00497	0.00403352	0.711961	-1.40457	
cg25343161	CHST6;CHST8	0.0328758		0.742039	0.924742	-1.08138	0.0185841	0.508651	-1.96599	0.263481	0.758721	-1.31801	0.250618	0.929558	-1.07535	0.0130126	0.660606	-1.51369	
cg00625494	CHST6;CHST8	0.00797189		0.834984	1.03257	1.03257	0.4844	0.723319	1.21384	0.3426	1.18036	1.18036	0.142718	0.876	1.14155	0.0130053	0.76354	1.30971	
cg05230054	CHST8;CHST8	2.16E-05	

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14792959	CHST8;CHST8;CHST8	0.0390978	0.138582	0.290493	-3.44243	0.0323002	0.143206	-6.98293	0.334589	0.462299	-2.1631	0.417501	0.526039	-1.901	0.0171166	0.105075	-9.51697	0.0284396	0.134651	-7.42663	0.0125761	0.090166	-11.0907	0.0153947	0.0997123	-10.0289	0.0306349	0.139587	-7.16397	3.71417	35.3594	8.46235	1
cg03770290	CHST8;CHST8;CHST8	0.0433624	0.0635667	0.398637	-2.50855	0.0292374	3.13103	3.13103	0.28439	0.616184	-1.62289	0.0846857	2.31298	2.31298	0.0879318	0.436974	-2.28846	0.100094	2.20588	2.20588	0.253216	0.594504	-1.68207	0.27226	1.64499	1.64499	0.10107	2.19981	2.19981	3.89494	11.3162	2.25972	1
cg15688551	CHST8;CHST8;CHST8	0.0489141	0.734789	0.865153	-1.15587	0.0116104	3.8346	3.8346	0.16858	0.535276	-1.8682	0.0677403	2.39106	2.39106	0.99125	1.00468	1.00468	0.0382097	2.78238	2.78238	0.0779758	0.434162	-2.30329	0.516878	1.32308	1.32308	0.268488	1.63392	1.63392	3.41649	9.81974	2.55486	1
cg13959523	CHST8;CHST8;CHST8;CHST8	2.49E-05	0.703959	0.934355	-1.07026	0.0497818	0.67166	-1.48885	0.122598	0.742628	-1.34657	1.10E-05	5.28814	5.28814	0.717686	0.937464	-1.06671	5.73E-06	6.15172	6.15172	0.0403125	0.656188	-1.52395	0.607126	0.911882	-1.09663	4.70E-05	3.91629	3.91629	31.9764	16.02	0.445329	1
cg19594305	CHST8;CHST8;CHST8;CHST8	0.00459497	0.00108972	1.82607	1.82607	0.0217235	0.708756	-1.41092	0.880119	0.98132	-1.01904	0.542554	0.925874	-1.08006	0.019823	0.703657	-1.42115	0.344063	0.885347	-1.1295	0.0770523	0.782207	-1.27843	0.0143217	1.45836	1.45836	0.0661093	1.29378	1.29378	7.52983	1.86169	0.219771	1
cg20439889	CHST8;CHST8;CHST8;CHST8	0.0135879	0.451718	0.829425	-1.20565	0.49462	1.18432	1.18432	0.58512	0.874181	-1.14393	0.00127895	3.1443	3.1443	0.880606	1.03734	1.03734	0.00249658	2.78645	2.78645	0.701006	1.09868	1.09868	0.650899	1.11753	1.11753	0.0243798	1.9239	1.9239	5.35212	5.04337	0.837611	1
cg26807767	CHST9	0.0138613	0.00408362	0.222491	-4.49456	0.316891	0.667985	-1.49704	0.0163308	0.318248	-3.1422	0.166411	0.562471	-1.77787	0.00490544	0.233712	-4.27877	0.0912088	0.484106	-2.06567	0.00777415	0.26373	-3.79176	0.979916	0.990232	-1.00986	0.00997894	0.281176	-3.55649	5.31725	12.8067	2.1409	1
cg01960885	CHST9	0.0228639	0.0109236	0.38352	-2.60743	0.88727	0.958341	-1.04347	0.127389	0.609848	-1.63975	0.277359	1.40341	1.40341	0.0394655	0.489395	-2.04334	0.115769	0.598781	-1.67006	0.219304	0.67873	-1.47334	0.0117191	2.57201	2.57201	0.0995972	0.581901	-1.7185	4.49404	6.40551	1.26696	1
cg13523654	CHST9	0.0274291	0.00393918	0.150395	-6.64918	0.0572232	0.349686	-2.85971	0.204625	0.520085	-1.92276	0.44007	0.680735	-1.469	0.0901214	0.401605	-2.49001	0.163266	0.483458	-2.06843	0.591027	0.767249	-1.30336	0.807407	0.887552	-1.12669	0.00186793	0.115881	-8.62953	4.21825	15.9373	3.35838	1
cg25027273	CHSY1	0.000122755	0.000998097	0.490899	-2.03708	0.00345884	0.561096	-1.78222	0.0125432	0.636342	-1.57148	0.00512135	1.7132	1.7132	0.0068175	0.600338	-1.66573	0.0849308	1.31959	1.31959	0.000372865	0.436629	-2.29028	0.31222	0.858833	-1.16437	1.29E-05	0.263431	-3.79606	20.957	7.03368	0.298333	1

File: ESM_23 (Online Resource 23)

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cg18075627	CIT	9.29E-05	0.324424	0.826962	-1.20925	0.256725	1.24734	1.24734	0.287491	0.813679	-1.22899	0.455189	0.867609	-1.15259	0.793063	1.05031	1.05031	0.0505048	0.659596	-1.51608	7.49E-07	0.0828334	-12.0724	0.947361	0.987749	-1.0124	0.0415646	0.644865	-1.55071	22.5831	12.4674	0.490728	1
cg20258154	CIT	0.00130842	0.655979	0.951769	-1.05068	0.00868695	1.44591	1.44591	0.00600607	1.48563	1.48563	0.101889	0.820853	-1.21824	0.249475	1.14191	1.14191	0.37038	1.10674	1.10674	8.41E-05	0.458503	-2.18101	0.107935	1.21336	1.21336	0.721378	0.961289	-1.04027	10.8989	2.09826	0.171129	1
ch.12.2473323	CIT	0.005584	0.0100876	0.214309	-4.66615	0.000605515	0.081405	-12.2843	0.00262092	0.138517	-7.21933	0.0188331	0.259231	-3.85756	0.00827348	0.201476	-4.96336	0.551607	0.75143	-1.3308	0.0119826	0.225988	-4.42501	0.0677613	0.378776	-2.64008	0.0896079	0.411511	-2.43007	7.09445	25.2941	3.16919	1
ch.12.2471797	CIT	0.00579336	0.0763049	0.793361	-1.26046	0.0640252	1.27675	1.27675	0.0182028	1.40007	1.40007	0.00172781	0.591725	-1.68998	0.0311756	0.743172	-1.34558	0.062756	1.27861	1.27861	0.0932205	0.805132	-1.24203	0.0614486	0.780895	-1.28058	0.787325	1.03225	1.03225	7.01456	1.53064	0.193964	1
cg15886307	CIT	0.00671516	0.375621	0.838963	-1.19195	0.436848	0.857986	-1.16552	0.0350875	0.622446	-1.60657	0.0119809	1.83186	1.83186	0.00452473	0.481657	-2.07617	0.0595068	0.663172	-1.50791	0.00107401	0.393436	-2.54171	0.680142	0.923068	-1.08334	0.648138	0.915099	-1.09278	6.70124	3.95762	0.52496	1
cg01273565	CIT	0.00938378	0.451348	1.1678	1.1678	0.0546576	1.55366	1.55366	0.000994928	0.372133	-2.68721	0.0066519	0.490727	-2.03779	0.895783	0.973856	-1.02685	0.679027	0.919329	-1.08775	0.227893	1.29156	1.29156	0.426156	0.848524	-1.17852	0.0464242	0.630584	-1.58583	6.03179	3.90342	0.575237	1
cg13074532	CIT	0.0123451	0.142871	0.596552	-1.6763	0.218164	0.653819	-1.52947	0.13128	0.585985	-1.70653	0.553148	0.821352	-1.2175	0.000658258	0.180516	-5.53969	0.708895	1.13091	1.13091	0.00203874	0.240167	-4.16377	0.332945	0.720629	-1.38768	0.0639375	0.505061	-1.97996	5.5224	9.41201	1.51496	1
cg05588798	CIT	0.016822	0.290192	0.70522	-1.418	0.0936717	0.55626	-1.79772	0.264073	0.690482	-1.44826	0.818336	0.929419	-1.07594	0.000516091	0.178384	-5.60589	0.0101944	0.356765	-2.80296	0.0548429	0.500164	-1.99934	0.960554	1.01586	1.01586	0.0997969	0.563368	-1.77504	4.987	7.99457	1.42496	1
cg18929590	CIT	0.0184975	0.360304	0.849699	-1.17689	0.235117	1.24049	1.24049	0.341108	1.18517	1.18517	0.350117	1.18124	1.18124	0.00101002	0.429616	-2.32766	0.746639	1.05774	1.05774	0.0217029	1.61164	1.61164	0.785051	1.04849	1.04849	0.325416	1.19226	1.19226	4.83057	2.29457	0.422231	1
cg24797665	CIT	0.032487	0.395638	0.669262	-1.49418	0.603623	1.27353	1.27353	0.0256555	0.294169	-3.39941	0.113753	0.451882	-2.21297	0.0413838	0.337572	-2.96233	0.0514157	0.359243	-2.78363	0.00225613	0.139015	-7.19349	0.551196	1.32093	1.32093	0.469658	0.712079	-1.40434	3.97233	13.4065	2.99998	1
cg22078988	CIT	0.0348309	0.439072	1.09068	1.09068	0.0736106	1.2453	1.2453	0.695786	0.957698	-1.04417	0.437078	1.09111	1.09111	0.0902666	1.22794	1.22794	0.598422	0.943218	-1.0602	0.00125728	1.6787	1.6787	0.556557	0.936685	-1.0676	0.0699536	1.24966	1.24966	3.87391	0.74228	0.17032	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4T)	p-value(3537 vs. N)	p-value(3537 vs. 4T)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg25856090	CLCN1	0.00859911	0.00348145	1.02271	-6.16254	1.010276	0.499137	-2.2772	0.00719601	0.203707	4.909	0.00379457	0.166812	-5.09977	0.00746818	1.02628	-8.73475	0.583115	0.775527	-1.28945	0.01912193	0.272406	-3.67099	0.504383	0.732928	-1.36439	0.00389125	0.191554	5.222047	6.20308	20.6649	2.96124	1
cg07228869	CLCN1	0.01748442	0.827042	1.04055	0.443119	0.867588	-1.15262	0.117815	0.73454	-1.3614	0.744225	1.06127	1.06127	0.000137784	0.355413	-2.81363		0.191909	0.778078	-1.28522	0.172486	1.30181	1.30181	0.761387	1.05688	1.05688	0.311993	0.826969	-1.20923	0.429926	2.5726	0.464509	1
cg21847267	CLCN1	0.0206408	0.0281433	2.20124	2.20124	1.183816	1.53588	1.53588	0.148168	1.60331	1.60331	0.00651099	2.93318	2.93318	0.0165709	2.43671	2.43671	0.00804107	2.81036	2.81036	0.4144453	0.7757791	-1.28901	0.0142036	2.51085	2.51085	0.2072233	1.498951	1.498951	4.654535	6.826871	1.3038	1
cg22662808	CLCN1	0.01292139	0.1692561	2.44632	-2.24053	0.630216	0.765526	-1.36029	0.0392845	0.268842	-3.71966	0.600561	0.751165	-1.33127	0.00093588	0.0658092	-15.1749	0.677754	1.25881	1.25881	0.1150952	0.1593043	-5.18019	0.976226	0.98372	-1.01655	0.0628285	0.315702	-3.167554	4.53884	21.8102	4.27131	1
cg01485413	CLCN1	0.0243475	0.0491674	0.59803	-1.66964	0.273663	0.771779	-1.29571	0.00594518	0.439917	-2.27316	0.0389084	1.72597	1.72597	0.4083319	0.824426	-1.21296	0.425453	1.20418	1.20418	0.0324994	0.564754	-1.77068	0.318362	0.790227	-1.26546	0.0351788	0.571151	4.393744	3.62949	0.733658	1
cg04039957	CLCN1	0.0262644	0.0423206	0.418933	-2.38702	0.00672408	0.270498	-3.69689	0.0383491	0.43097	-2.43127	0.114263	0.527757	-1.89513	0.89841	0.00733884	0.275443	-1.36473	0.0156566	0.0704006	0.471249	-2.12202	0.0621932	0.457091	-2.18383	0.428633	0.93607	1.94854	1
cg26756862	CLCN1	0.0269212	0.194488	0.565253	-1.76912	0.425411	1.40259	1.40259	0.0146362	0.286675	-3.48827	0.295385	0.636973	-1.56992	0.00128866	0.142314	-7.02669	0.0943142	0.465579	-2.14786	0.965712	1.01803	1.01803	0.297986	0.638631	-1.56585	0.0631911	0.419567	-2.38341	4.24601	11.6179	2.43216	1
cg16279464	CLCN1;CLCN2;POU2F1;CLCN2;CLCN2	0.00079193	0.140885	0.859778	-1.16309	0.000601065	1.65672	1.65672	0.156524	0.306706	1.68672	1.19822	0.241277	1.13413	1.12413	0.104424	1.1845	1.1845	0.812562	1.02207	1.02207	0.495542	-2.018	0.8541789	0.81384	-1.23177	0.532262	1.0622	1.0622	12.5703	1.81159	0.128104	1
cg17750336	CLCN3;CLCN3	0.00442755	0.301958	0.863001	-1.15879	0.000116688	2.54953	2.54953	0.000787693	2.012	2.012	0.1565101	0.811351	1.23251	0.31614	1.0111		0.00196191	0.54718	-1.82755	0.00255986	0.561943	-1.77954	0.852547	0.974601	-1.02597	0.161296	0.194994	1.04996	1.74799	4.4435	0.267239	1
cg14871650	CLCN3;CLCN3	0.00097803	0.000126126	0.502237	-1.99109	0.283227	1.1219	1.1219	0.459485	1.0808	1.0808	0.558077	0.940856	-1.06286	0.00883302	0.708998	-1.41044	0.013741	0.730311	-1.36928	0.00043106	0.562966	-1.77631	0.090804	1.21192	1.21192	0.461457	1.08042	1.08042	11.8409	1.99595	0.149835	1
cg17174845	CLCN3;CLCN3	0.00284558	0.035697	0.943764	-1.06001	0.797006	0.98348	-1.01677	-1.26487	0.202097	2.712221	-1.40406	0.3152284	0.8816551	-1.13447	0.004534984	0.515157	-4.8477	0.024118	0.721675	-1.38567	0.0049397	1.59383	1.59383	0.7353195	0.9728004	-1.02783	0.565674	1.042	0.00513612	0.638704	1.565674	8.693152	2.0264	0.207096	1
cg18399218	CLCN3;CLCN3	0.0141125	0.467571	0.753949	-1.32636	0.0104395	0.291736	-3.42776	0.0178914	0.332995	-3.00305	0.429237	1.36116	1.36116	0.0182205	0.399413	2.50367	0.824739	0.918746	-1.08844	0.754403	0.888802	-1.12511	0.0337898	4.58601	4.58601	0.826219	0.919416	-1.08765	5.285596	12.2223	2.05531	1
cg13795116	CLCN5;CLCN5	0.00259947	0.0594561	1.59552	1.59552	0.00338119	0.361121	-2.76016	0.0640234	0.633132	-1.57944	0.0922781	0.57159	-1.74951	0.0006426	0.0162892	0.318295	-1.14174	0.153649	1.3982	1.3982	0.354746	1.23253	1.23253	0.0021816	1.59288	0.7613908	0.9914447	-1.00901	0.980073	6.858089	0.679814	1
cg25556752	CLCN4	0.0452535	0.0045869	0.08115565	-12.3219	0.44508	1.67876	1.67876	0.442952	1.68711	-1.70326	0.354065	0.530187	-1.88613	0.0629111	0.448464	-4.02473	0.00323855	0.0690754	-14.4769	0.434507	0.588209	-1.70008	0.518109	0.6640598	-1.56656	0.2216557	0.425335	-2.35109	3.85704	27.0548	6.23502	1
cg25427918	CLCN5;CLCN5	0.446-05	7	7	7	0.9598833	1.14473	1.14473	0.10279	1.1403	1.14038	0.0222804	0.649645	-1.5393	0.000497635	0.525598	-1.90259	7	7	7	7	4.35782	4.35782	3.7	7	7	7	17.1065	5.7644	0.0260576	1
cg14398372	CLCN5;CLCN5	0.00190935	0.743959	0.17027	1.42747	0.00171287	0.478354	-2.66075	0.0159227	0.376138	-2.63719	0.0026374	0.402618	-2.48375	0.0155666	0.599024	-1.66903	0.774149	0.939044	-1.06491	0.713924	1.07743	1.07743	0.0155566	1.90604	1.90604	0.00108333	2.87065	2.87065	18.6036	14.0796	0.672732	1.85065	1
cg09826544	CLCN5;CLCN5	0.000638979	0.598231	1.1265	1.1265	0.000116706	0.220451	-4.53617	0.006053 97	0.447969	-2.2323	0.706141	0.918651	-1.08855	9.92E-05	0.212754	-4.70025	0.3078	1.26677	1.26677	0.117411	1.46366	1.46366	0.899747	0.972162	-1.02864	0.328443	1.25351	1.25351	13.3473	10.607	0.706397	1
cg03686874	CLCN5;CLCN5	0.00078687	0.0143153	0.340966	-2.93264	0.0132687	0.916096	-2.98422	0.0237651	0.383712	-2.61697	0.301012	0.682637	-1.46491	0.00349908	0.222888	-4.48455	0.714247	0.877202	-1.13999	0.0695326	0.485518	-2.06109	0.0654992	2.0816	2.0816	0.0725737	2.02221	2.02221	6.37725	12.8197	1.78686	1
cg11108456	CLCN5;CLCN5	0.04281618	0.4682538	1.33728	1.33728	0.02515091	0.314805	-1.57596	0.0959708	0.452468	-2.2101	0.0502116	0.379308	0.5170398	0.6336	0.0033429	0.176887	0.553433	1.13446	1.13446	0.644644	-1.53973	0.0442673	0.367039	-2.72451	0.633631	0.81198	-1.23156	0.430714	0.705488	-1.41746	5.59155	10.3024	2.64879	1
cg07069575	CLCN5;CLCN5	0.04947814	0.0937253	0.328466	-3.04446	0.115754	0.356054	-2.80856	0.445666	0.625263	-1.59933	0.164981	0.24656	-2.44656	0.1512122	0.394949	-2.53197	0.275189	0.50373	-1.98519	0.0909669	0.32476	-3.0792	0.0558815	3.69994	3.69994	0.0430844	4.07905	4.07905	3.40167	19.6559	5.13629	1
cg20062122	CLCN5;CLCN5;CLCN5	0.00461988	0.4372217	1.24439	1.24439	0.2729245	0.4098414	1.01656	-1.26436	0.2379539	0.778014	-1.28236	0.000776119	0.2861655	-1.19661	0.000620307	0.334969	-2.16277	0.0104641	0.410045	-2.4382	0.790564	0.9009318	1.10998	0.7430775	1.09499	1.09499	0.113351	1.626572	1.626572	1.60856	7.51747	0.90678	1.107149	1
cg05833518	CLCN5;CLCN5;CLCN5	0.0263189	0.0816944	0.38343	-2.60804	0.00467938	0.254135	-4.67605	0.126203	0.439538	-2.27512	0.757821	0.857558	-1.1661	0.0196499	0.306652	-3.26103	0.042532	0.313367	-3.19114	0.136711	0.450891	-2.21783	0.0467652	3.09009	3.09009	0.715136	1.99975	1.99975	4.729284	16.7323	3.47519	1
cg15906134	CLCN5;CLCN5;MIR660	0.00972414	0.568716	1.13917	1.13917	0.1332929	0.397338	-1.34953	0.0611197	0.283134	-3.53197	0.0059391	0.273174	0.3613747	0.0139397	0.0056242	0.0094473	0.700912	1.2116	1.2116	0.00208263	0.115922	-8.62646	0.951334	0.03082	1.03082	0.761197	1.16369	1.16369	4.500033	17.6287	3.48219	1
cg27463946	CLCN5;CLCN5;MIR5502	0.00769783	0.0612394	0.600279	-1.66589	0.00802041	0.295223	-3.38727	0.00100162	0.306761	-3.26587	0.569686	0.878868	-1.13781	0.0135606	0.477156	-2.09575	0.33263	0.785178	-1.2736	0.596246	1.13813	1.13813	0.728388	0.9191	-1.08802	0.326478	0.782596	-1.27788	6.42137	5.955	0.324331	1
cg10774723	CLCN5;MIR362;CLCN5;MIR500	0.01358152	0.680307	1.14637	1.14637	0.21477	0.624047	-1.60244	0.00539954	0.355353	-2.81332	0.0155903	0.16732	-2.72102	0.871391	0.941318	-1.06243	0.266661	1.4078	1.4078	0.632493	1.19001	1.19001	0.476017	0.769758	1.29901	1.29901	0.414764	0.853512	1.83533	1
cg08207582	CLCN5;MIR362;MIR500;CLCN5;MIR501	0.00146513	0.84043	0.959048	-1.0427	0.00189741	0.401382	-2.49139	0.0032083	0.434167	-2.30326	0.00192232	0.402182	-2.48643	0.000144011	0.257072	-3.88996	0.265448	0.786073	-1.27215	0.681626	1.08932	1.08932	0.625397	0.90298	-1.10744	0.00447534	0.45556	-2.1951	10.5508	7.18886	0.605653	1
cg19966091	CLCN6	0.00111302	0.0567237	0.65981	-1.51559	0.107711	0.71289	-1.40274	0.0095785	0.531298	-1.88218	0.585905	1.11188	1.11188	8.40E-05	0.255682	-3.911	0.00102068	0.391031	-2.55734	0.00117357	0.159629	0.53668	-1.86302	1.2014	1.2014	0.1154	1.0538	1.4144	6.71932	0.523282	1
cg00542299	CLCN6	0.00135012	0.0599233	1.70111	1.70111	0.00975901	0.441316	-2.26595	0.0104874	0.446535	-2.22946	0.2364	0.733057	-1.36415	6.76E-05	0.165105	-6.20714	0.00572445	0.403837	-2.47625	0.116015	0.652098	-1.53351	0.614762	1.13544	1.13544	0.0123012	0.458248	-2.18222	10.8014	10.7172	0.881963	1
cg06177599	CLCN6	0.01582311	0.0158233	0.402139	-2.48677	0.0156506	0.210556	-4.74909	0.0884284	0.475273	-2.10925	0.010128	0.864508	-1.15693	0.0031082	0.322184	-3.10405	0.0104641	0.281602	-3.55027	0.0035344	0.247945	-4.03507	0.2548899	1.1357	1.1357	0.0296844	1.14243	0.0475851	0.407452	-2.01025	6.11522	9.2816	2.33699	1
cg21147983	CLCN6	0.0147246	0.217738	0.700119	-1.42831	0.0080504	0.798862	-2.50713	0.0969626	0.603376	-1.63833	0.234576	0.713454	-1.40163	0.00375283	0.235805	-4.24079	0.0335821	0.103325	-1.99954	0.0335137	0.150149	-1.96021	0.883058	0.960889	-1.04069	0.128737	0.640888	1.560331	5.21252	6.06224	1.03379	1
cg00979000	CLCN6	0.0147538	0.0217655	0.37512	-2.66441	0.0077971	0.327738	-3.04953	0.0613197	0.384134	-2.60397	0.0013232	0.165042	-6.05907	0.1162177	0.367356	-2.72216	0.171082	0.425334	1.00551	0.9951	0.9951	1.00993	0.8900982	0.97942	1.02042	0.0010787	0.2088	0.1663	0.1663	0.1663	0.1663	0.1663	0.1663	1
cg03836961	CLCN6	0.03070159	0.0217655	0.193251	-5.17463	0.0564284	0.275488	-3.62992	0.202096	0.447578	-2.23425	0.148617	0.396651	-2.52111	0.0069509	0.124378	0.039399	0.00265609	0.219773	-4.55016	3.30E-05	0.0539693	-18.5291	0.175024	0.593152	-1.68591	0.000515948	0.140566	-7.11412	17.5114	36.3657	1.84594	1
cg25628740	CLCN6;CLCN6;CLCN6	0.0301309	0.680578	0.828718	0.828718	0.0237403	0.223523	1.59323	0.0178353	0.144449	1.43449	0.464105	0.714218	0.9983597	0.0003	1.0093		0.4835834	1.1444	1.1544	0.4654642	0.4249	-2.35295	0.0093	1.26827	1.26827	0.799058	1.04854	1.04854	1.08834	0.448078	1
cg01226881	CLCN6;CLCN6;MTHFR;CLCN6;CLCN6	0.00219558	0.751772	0.976711	-1.02384	0.830513	0.984208	-1.01605	0.00229701	1.37225	1.37225	0.0307261	1.20739	1.20739	0.004354112	1.32697	1.32697	0.0454884	0.843687	1.18527	0.00068189	0.680166	-1.47023	0.500771	1.05206	1.05206	0.578872	1.04251	1.04251	1.38928	0.819487	0.0776349	1
cg01134491	CLCN6;CLCN6;MTHFR;CLCN6;CLCN6	0.0204815	0.625551	0.924801	-1.08131	0.743955	1.05348	1.05348	0.408515	1.14382	1.14382	0.256926	0.828545	-1.20694	0.733967	0.947219	-1.05572	0.8113395	0.962713	-1.03873	0.000270071	0.386914	-2.58455	0.329811	0.852266	-1.17334	0.629833	0.925709	-1.08025	4.66665	1.86753	0.355721	1
cg25628740	CLCN6;CLCN6;CLCN6	0.536-05	0.3026761	0.829718	0.829718	0.0237403	0.223523	1.59323	0.0178353	0.144449	1.43449	0.464105	0.714218	0.9983597	0.0003	1.0093		0.4835834	1.1444	1.1544	0.4654642	0.4249	-2.35295	0.0093	1.26827	1.26827	0.799058	1.04854	1.04854	1.08834	0.448078	1
cg01226881	CLCN6;CLCN6;MTHFR;CLCN6;CLCN6	0.00219558	0.751772	0.976711	-1.02384	0.830513	0.984208	-1.01605	0.00229701	1.37225	1.37225	0.0307261	1.20739	1.20739	0.004354112	1.32697	1.32697	0.0454884	0.843687	1.18527	0.00068189	0.680166	-1.47023	0.500771	1.05206	1.05206	0.578872	1.04251	1.04251	1.38928	0.819487	0.0776349	1
cg01134491	CLCN6;CLCN6;MTHFR;CLCN6;CLCN6	0.0204815	0.625551	0.924801	-1.08131	0.743955	1.05348	1.05348	0.408515	1.14382	1.14382	0.256926	0.828545	-1.20694	0.733967	0.947219	-1.05572	0.8113395	0.962713	-1.03873	0.000270071	0.386914	-2.58455	0.329811	0.852266	-1.17334	0.629833	0.925709	-1.08025	4.66665	1.86753	0.355721	1
cg00581659	CLCN6;CLCN6	0.536-05	0.3026761	0.829718	0.829718	0.0237403	0.223523	1.59323	0.0178353	0.144449	1.43449	0.464105	0.714218	0.9983597	0.0003	1.0093		0.4835834	1.1444	1.1544	0.4654642	0.4249	-2.35295	0.0093	1.26827	1.26827	0.799058	1.04854	1.04854	1.08834	0.448078	1
cg27333952	CLCN7;CLCN7	7.31E-05	0.000349576	0.450422	-2.22014	3.45E-05	0.328974	-3.03975	0.000180622	0.415047	-2.40937	0.000219245	0.425377	-2.35086	0.000145394	0.153413	-6.51662	0.000548844	0.183687	-2.44703	0.500771	1.05206	1.05206	0.578872	1.04251	1.04251	1.38928	0.819487	0.0776349	1
cg00147943	CLCN6;MIR3652;CLCN6;MIR500	0.00266175	0.000244037	0.394	-2.53886	0.00291	0.202291	-4.94272	0.0027	0.280684	-3.56572	0.000128	0.138084	-7.24206	0.000125219	0.479252	-2.08659	0.000244606	0.22533	-4.43397	0.00694284	0.49921	-2.00316	0.818888	0.70725	-1.41403	0.500771	1.05206	1.05206	0.578872	1.04251	1.04251	1.38928	0.819487	0.0776349	1
cg09133206	CLCN7;CLCN7	0.00202573	2.53E-05	0.355626	-2.81194	0.105717	0.803679	-1.24428	0.405876	0.900176	-1.11089	0.232296	0.172496	1.17146	1.17146	0.612759	1.06516	1.06516	7.80E-05	0.41311	-2.42066	0.00265573	1.67211	1.67211	0.684643	1.05179	1.05179	0.039332	0.744643	-1.34292	18.2311	4.41627	0.215323	1
cg09229357	CLCN7;CLCN7	0.00212436	0.572367	1.09713	1.09713	0.411585	1.30262	1.30262	0.813388	1.04267	-1.24845	0.213198	0.448631	0.1859311	1.25023	1.25023	0.42791	1.03688	0.0001059	0.343366	-2.91351	0.304002	1.06397	1.06397	0.0881856	0.537095	-1.75295	0.849387	1.03144	1.031144	58.0729	7.55758	0.671968	1
cg01962183	CLCN7;CLCN7	0.00500524	0.038738	0.71375	-1.25363	0.0606235	0.159597	-3.01246	0.00877045	0.478138	-2.64453	0.0014991	0.149784	0.67629	0.002785665	0.176895	-5.65308	0.000445775	0.14883	-6.71667	0.0014097	0.238884	-2.98607	0.512213	0.823947	-1.21367	0.003529273	0.209428	3.4432	14.2437	3.19481	1
cg26647324	CLCN7;CLCN7	0.00056225	0.635302	0.908995	-1.10012	0.0269683	0.592671	-1.68728	0.100041	0.697751	-1.43318	0.000249779	0.299137	-3.34295	7.12E-05	0.235504	-4.24621	0.000232169	0.295248	-3.38699	0.00376913	0.458055	-2.18314	0.965978	1.00855	1.00855	0.147091	0.732909	-1.36443	13.832	8.73728	0.561484	1
cg00700436	CLCN7;CLCN7;CLCN7	0.00278453	0.709554	0.9477	-1.05553	0.845648	0.981979	-1.01846	0.636988	1.03268	-1.05258	0.399328	0.151186	-1.00747	0.000177177	0.483221	-4.02491	0.0394881	0.773579	-1.29269	0.0090327522	0.125123	0.497742	0.9228444	1.07702	0.4406582	0.980187	-1.00844	0.874105	0.707205	1.414107	1.07	0.9	1.07	1
cg01410772	CLCN7;CLCN7;CLCN7	0.00051621	0.235493	-4.25618	0.00424373	0.359498	-2.78165	0.0154392	0.451864	-2.21306	0.4852337	0.827316	-1.20873	0.002128375	0.192502	1.19474		0.002686772	0.32991	-3.03113	0.000768912	0.256262	-3.90225	0.651159	0.885439	-1.12938	0.101063	0.618787	-1.61607	11.2963	12.7836	1.00592	1
cg05413626	CLCN7;CLCN7;CLCN7	0.00149755	0.249757	-4.02254	-1.32858	0.0711084	0.454409	-2.20215	0.0236453	0.224693	-4.45052	0.007865131	0.245002	-4.08159	7.86E-05	0.0526041	-19.0099	0.003068364	0.187887	-5.32234	0.00168575	0.157059	-6.36703	0.214254	0.613874	-1.63166	0.007445165	0.241552	-4.14333	10.4843	26.3418	2.50457	1
cg09055670	CLCN7;CLCN7;CLCN7	0.00222153	0.029788	-2.42219	-1.93361	0.0461363	0.294118	-3.39999	0.0034818 2	0.291913	-3.43183	0.003555034	0.245901	-4.06541	2.29943	7.44E-05	0.0110187	0.000231	0.111804	-8.94934	-3.20714	0.0155586	-7.48583	0.52525	0.708382	-1.41167	0.0095419	0.172358	-5.80186	9.93561	42.479	4.03805	1
cg09067117	CLCN7;CLCN7;CLCN7	0.00524957	0.759097	0.895626	-1.11654	0.394359	0.731511	-1.36703	0.00193584	0.207648	-4.81583	0.195862	0.612513	-1.63262	0.000783322	0.162007	-6.17257	0.004241 99	0.253684	3.94191	0.008811 95	0.302648	-3.30417	0.615969	0.834242	-1.19869	0.0105235	0.315513	-3.16944	7.23013	14.7063	1.80803	1
cg20705654	CLCN7;CLCN7;CLCN7	0.00122736	0.0145437	0.34533	-2.89574	0.0077774	0.323745	-3.08852	0.0013	0.12013	-8.32141	0.0002418	0.072218	-13.8252	0.000980	0.0227	-4.40993	0.0107978	0.437295	2.28231	0.0011346	0.0729	-13.7426	0.0078283	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg02882493	CLCN7;CLCN7;CLCN7	0.00851648	0.0081648	0.532301	-1.87863	0.302079	2.22025	2.22025	0.00548828	0.506719	-1.97349	0.135987	0.741466	-1.34868	0.002447226	0.456174	-2.19215	0.907062	0.97849	-1.02198	0.0610293	1.48154	1.48154	0.487767	0.876998	-1.14025	0.0478532	0.656253	-1.5238	6.22021	3.41499	0.488014	1
cg06489145	CLCN7;CLCN7;CLCN7	0.00851648	0.136582	0.662399	-1.50308	0.118127	1.339	1.339	0.253263	1.78463	-1.35416	0.0320861	0.52835	-1.89269	0.004112126	0.240457	-4.44575	0.643709	0.889599	1.1241	0.0377827	0.5413	-1.84741	0.978191	1.1241	1.1241	0.377827	0.5413	-1.84741	0.978191	1.4189	0.0864562	0.618023	-1.61806	6.22016	6.36952	0.908946	1
cg02117713	CLCN7;CLCN7;CLCN7	0.0107692	0.193953	1.42883	1.42883	0.000570612	0.250238	-3.9962	0.21531	1.40306	1.40306	0.438601	1.22769	1.22769	1.08769	1.0726		0.656238	1.12336	1.12336	0.763583	0.924663	-1.08148	0.0068057	0.402344	-2.48544	0.649544	1.888	1.888	1.12613	5.7718	0.16314	0.949158	1
cg04814405	CLCN7;CLCN7;CLCN7	0.0109061	0.0944308	1.26516	1.26516	0.00204304	0.573452	-1.74382	0.0207915	0.700465	-1.42762	0.764126	0.962233	-1.03925	0.425845	0.9012	-1.10963	0.560677	0.927497	-1.07817	0.0119183	1.49401	1.49401	0.121114	0.806519	-1.2399	0.119601	0.805692	-1.24117	5.74838	1.49001	0.230404	1
cg00621407	CLCN7;CLCN7;CLCN7	0.00222114	0.131182	0.680615	-1.46965	0.155561	0.749605	-1.33405	0.0158	0.136052	-7.35	0.0003	0.0	0.0	0.0	0.0	0.0	0.847284	1.05551	1.05551	0.0305975	0.244481	0.97641	1.00969	1.00969	0.770151	0.933243	-1.07153	0.561428	0.848815	0.782881	1
cg27050936	CLCN7;CLCN7;CLCN7	0.0138297	0.412237	1.19568	1.19568	0.231493	1.30674	1.30674	0.0696811	0.648906	-1.54106	0.614371	0.897358	-1.11438	0.0167038	0.53644	-1.86414	0.000363229	0.326812	-3.05986	0.493742	1.15969	1.15969	0.551088	1.1372	1.1372	0.478788	0.857706	-1.1659	5.32124	3.82977	0.639745	1
cg05948101	CLCN7;CLCN7;CLCN7	0.0142403	0.0479785	0.52152	-1.91755	0.0552532	0.31452	-3.17896	0.0210258	0.734205	-1.36251	0.0210258	0.641005	0.1878233	0.0210258	0.1005	0.0210258	0.0746519	0.573837	1.74305	0.0229676	0.488089	0.72984	0.0746519	0.573837	1.74305	0.0229676	0.488089	0.72984	0.0746519	0.573837	1.74305	0.0229676	0.488089	0.72984	1
cg02160023	CLCN7;CLCN7;CLCN7	0.0141452	0.201782	0.753787	-1.32663	0.0113324	0.514332	-1.94427	0.202299	0.754058	-1.32616	0.36635	1.23105	1.23105	0.0537611	0.631768	1.58286	0.0181046	0.547769	-1.82559	0.00186097	0.39619	-2.52404	0.396975	1.19947	1.19947	0.029843	0.585091	-1.70914	5.28194	6.37635	0.619024	1
cg01493020	CLCN7;CLCN7;CLCN7	0.0160677	0.587031	1.18648	1.18648	0.282165	0.705774	-1.41688	0.00075623	0.203462	-4.91492	0.990198	0.996457	-1.00356	0.0708963	0.513032	1.87606	0.009311953	0.357588	-2.79652	0.0155235	0.50103	-1.99584	0.626456	1.16525	1.16525	0.204043	0.658405	0.511882	0.50387	7.79658	1.36858	1
cg09867143	CLCN7;CLCN7;CLCN7	0.0170516	0.0846037	0.508403	-1.97666	0.0720245	0.390132	-2.5602	0.0387359	0.439403	-2.27525	0.0235434	0.399956

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20366986	CLDN18	3.73E-06	2.47E-06	0.180099	-5.55249	8.39E-07	0.138886	-7.20015	0.000115592	0.362385	-2.7595	0.183175	1.23625	1.23625	0.000102424	0.356026	-2.80878
cg17298704	CLDN18	3.68E-05	6.16E-05	0.255064	-3.92058	0.599693	1.10287	1.10287	3.07E-05	0.221963	-4.50526	0.341451	0.83424	-1.1987	0.0349026	0.634748	-1.57543
cg10784090	CLDN18	0.000302103	4.39E-05	0.167126	-5.98351	0.00479621	0.421342	-2.37337	0.000902846	0.317664	-3.14798	0.00495097	0.42346	-2.3615	0.123182	0.680028	-1.47053
cg16240260	CLDN18	0.00218489	0.914153	1.02386	1.02386	0.00468763	0.439592	-2.27484	0.00120069	0.354329	-2.82223	0.00126048	0.357221	-2.79939	0.000699312	0.322891	-3.09702
cg27138949	CLDN18	0.0102399	0.197641	0.609713	-1.64012	0.221806	0.627164	-1.59448	0.0215236	0.366725	-2.72684	0.0058433	0.269506	-3.71049	0.00611085	0.272479	-3.67001
cg17574958	CLDN18	0.0443594	0.0292571	0.283548	-3.52674	0.459621	0.691104	-1.44696	0.124963	0.442643	-2.25916	0.0536985	0.341286	-2.93009	0.0617311	0.356107	-2.80814
cg24894531	CLDN18;CLDN18	0.000321637	0.912776	0.97425	-1.02643	0.10938	1.51528	1.51528	8.44E-05	0.185806	-5.38196	0.71589	1.09092	1.09092	0.1689	1.41762	1.41762
cg00405112	CLDN18;CLDN18	0.00160495	0.00194611	0.183731	-5.44275	0.264269	1.5681	1.5681	0.0220424	0.345887	-2.89112	0.830975	1.08615	1.08615	5.64E-05	0.0554406	-18.0373
cg06580220	CLDN18;CLDN18	0.0435419	0.504168	0.72047	-1.38798	0.234515	0.547309	-1.82712	0.290598	0.588321	-1.69975	0.478559	1.41689	1.41689	0.0240985	0.272236	-3.67328
cg27507254	CLDN19;CLDN19	0.00430159	0.00947191	2.83004	2.83004	0.00104528	4.64232	4.64232	0.815068	1.07695	1.07695	0.189892	1.55168	1.55168	0.0160023	2.54239	2.54239
cg18383603	CLDN19;CLDN19	0.00961989	0.00729588	0.415274	-2.40805	0.096591	0.629178	-1.58938	0.0137756	0.46146	-2.16704	0.41194	0.808089	-1.23749	0.000672205	0.266816	-3.74791
cg11075745	CLDN19;CLDN19	0.021208	0.561547	1.14748	1.14748	0.224028	1.34898	1.34898	0.215602	0.736799	-1.35722	0.280406	1.30076	1.30076	0.31725	0.784829	-1.27416
cg08545416	CLDN19;CLDN19	0.0241459	0.502094	0.878848	-1.13785	0.75119	1.06216	1.06216	0.00264166	0.454405	-2.20068	0.80612	0.954452	-1.04772	0.498672	0.877911	-1.13907
cg23917006	CLDN19;CLDN19	0.0266332	0.125772	0.711411	-1.40566	0.023512	0.573471	-1.74377	0.00127719	0.38079	-2.62612	0.667262	0.914943	-1.09296	0.0318695	0.59635	-1.67687
cg06654076	CLDN19;CLDN19	0.0339256	0.735217	0.933318	-1.07145	0.80598	0.951202	-1.0513	0.00366243	0.449835	-2.22304	0.286852	0.798645	-1.25212	0.111374	0.702889	-1.4227
cg25106358	CLDN20;TFB1M;CLDN20	0.0135719	0.73065	1.05825	1.05825	0.0380125	0.674302	-1.48301	0.0025979	0.504785	-1.98104	0.233948	0.815109	-1.22683	0.108801	1.33182	1.33182
cg05040725	CLDN22	0.00713518	0.0230379	0.340576	-2.9362	0.00078588	0.133791	-7.47437	0.0018849	0.174492	-5.73094	0.835729	0.921015	-1.08576	0.00596866	0.240666	-4.15513
cg02882785	CLDN22	0.00881522	0.102381	0.507856	-1.96906	0.0275043	0.372236	-2.68647	0.00864111	0.281096	-3.55751	0.00574656	0.253545	-3.94408	0.000646088	0.137532	-7.27105
cg20141229	CLDN22	0.0159791	0.206226	0.64	-1.5625	0.0301664	0.425993	-2.34746	0.00684912	0.309669	-3.22926	0.522191	0.804835	-1.24249	0.000664563	0.174779	-5.72153
cg13423172	CLDN22;WWC2;CLDN22	0.00783871	0.0530448	0.551084	-1.8146	0.41076	0.796131	-1.25607	0.0104138	0.41714	-2.39728	0.254874	0.724536	-1.38019	0.00015679	0.173174	-5.77454
cg00074818	CLDN23	0.00220837	0.0235129	1.95781	1.95781	0.0111413	2.2037	2.2037	0.31801	1.29215	1.29215	0.315958	1.29365	1.29365	0.00644846	2.41018	2.41018
cg06671706	CLDN23	0.00810383	0.0298493	3.50966	3.50966	0.0104875	4.866	4.866	0.0455491	3.08434	3.08434	0.201765	1.93894	1.93894	0.0251253	3.70053	3.70053
cg05888298	CLDN23	0.0321911	0.752811	1.02799	1.02799	0.00138431	0.666938	-1.49939	0.04801	0.820806	-1.21831	0.0734075	0.839962	-1.19053	0.464437	1.06721	1.06721
cg15441656	CLDN23;CLDN23	5.75E-06	0.158683	1.1672	1.1672	3.59E-06	0.327869	-3.05	5.22E-07	0.238224	-4.19772	0.992146	0.99899	-1.00101	0.000183002	0.522524	-1.91379
cg07504127	CLDN25	0.00104052	0.00556592	0.331525	-3.01636	0.085411	0.561872	-1.77977	0.00198542	0.266028	-3.759	0.406606	1.29354	1.29354	0.00024998	0.160117	-6.24544
cg03009690	CLDN25	0.00407698	0.00228499	0.291121	-3.435	0.0126802	0.408058	-2.45063	0.00253427	0.297487	-3.36149	0.0361037	0.494017	-2.02422	0.00217867	0.28822	-3.46957
cg25026627	CLDN25	0.0153715	0.555309	0.907964	-1.10137	0.15284	1.28118	1.28118	0.883989	0.976648	-1.02391	0.346115	1.17002	1.17002	0.000601061	0.424623	-2.35503
cg21017771	CLDN2;CLDN2	0.0107457	0.00713924	0.200002	-4.99995	0.0526488	0.360422	-2.77453	0.0397652	0.332466	-3.00782	0.087693	0.417629	-2.39447	0.00291554	0.150365	-6.65047
cg02590287	CLDN2;CLDN2	0.0479832	0.0127271	0.113967	-8.77446	0.00504345	0.0741326	-13.4893	0.239342	0.421283	-2.3737	0.21969	0.404361	-2.47304	0.0229931	0.148398	-6.73865
cg03448884	CLDN2;CLDN2;CLDN2	0.000777812	0.396212	1.18138	1.18138	0.0394011	0.633068	-1.57961	0.00109067	0.396737	-2.52056	0.00188739	0.429525	-2.32815	0.000302014	0.323963	-3.08677
cg12654845	CLDN2;CLDN2;CLDN2	0.00636038	0.0802828	0.467196	-2.14043	0.158871	0.553984	-1.80511	0.0599836	0.435061	-2.29853	0.431032	0.729628	-1.37056	0.00677477	0.252477	-3.96076
cg16397077	CLDN2;RIPPLY1	0.0253426	0.315035	0.648627	-1.54172	0.00436106	0.204561	-4.88852	0.115799	0.490527	-2.03863	0.0139679	0.282241	-3.54307	0.0365505	0.36334	-2.75225
cg21002399	CLDN2;RIPPLY1	0.0363012	0.558788	0.804473	-1.24305	0.0484777	0.436247	-2.29228	0.0459395	0.43092	-2.32062	0.0240973	0.371622	-2.69091	0.00708449	0.277914	-3.59824
cg06101212	CLDN3	0.00151274	0.0238314	0.607249	-1.64677	0.000115166	3.49345	3.49345	0.208247	0.782401	-1.27812	0.00368115	2.06709	2.06709	0.155382	1.32471	1.32471
cg12234855	CLDN3	0.00152105	0.822284	0.933214	-1.07157	0.0990731	1.74296	1.74296	0.0149065	0.398524	-2.50926	0.808582	0.92814	-1.07742	0.000981726	0.221854	-4.50747
cg17974780	CLDN3	0.0443428	0.756189	0.944974	-1.05823	0.437663	1.15474	1.15474	0.0937629	0.71541	-1.3978	0.400929	1.16911	1.16911	0.00246347	0.46524	-2.14943
cg24440468	CLDN3	0.0477259	0.76557	0.914017	-1.09407	0.0680485	1.84854	1.84854	0.237895	1.45023	1.45023	0.807715	1.07607	1.07607	0.765394	1.09415	1.09415
cg24419391	CLDN3;CLDN3	0.0042101	0.000682204	0.102055	-9.79861	0.550132	0.76653	-1.30458	0.0510405	0.376337	-2.6572	0.016331	3.63685	3.63685	0.490951	0.735157	-1.36025
cg18045859	CLDN3;CLDN3	0.0159568	0.462603	0.724465	-1.38033	0.0255679	0.318696	-3.13778	0.100222	0.460097	-2.17345	0.256567	1.66606	1.66606	0.247031	0.593473	-1.685
cg10393875	CLDN4	0.00464672	0.107821	1.48746	1.48746	0.0635013	0.623658	-1.60344	0.00540255	0.436645	-2.29019	0.463748	1.18383	1.18383	0.00138084	0.350083	-2.85647
cg22123387	CLDN4	0.01756	0.611361	0.925958	-1.07996	0.00520669	1.73931	1.73931	0.534602	0.909909	-1.09901	0.00263244	1.86819	1.86819	0.658908	1.06896	1.06896
cg15544036	CLDN4	0.0272442	0.107805	2.78167	2.78167	0.783934	0.85194	-1.17379	0.264785	1.96911	1.96911	0.0971416	2.89047	2.89047	0.036117	4.14061	4.14061
cg04779752	CLDN4;CLDN4	0.0244994	0.0342371	5.07638	5.07638	0.187678	2.50475	2.50475	0.865676	0.894639	-1.11777	0.120175	3.03012	3.03012	0.0882844	3.44466	3.44466
cg06340942	CLDN5;CLDN5	0.0355149	0.782669	0.924135	-1.08209	0.102023	1.66638	1.66638	0.784111	1.08151	1.08151	0.537701	1.19489	1.19489	0.197945	1.47441	1.47441
cg14553765	CLDN5;CLDN5	0.0381238	0.0371518	0.415549	-2.40645	0.00450453	0.253061	-3.95162	0.101741	0.52195	-1.91589	0.32437	1.44684	1.44684	0.2657	0.656424	-1.52341
cg00811132	CLDN5;CLDN5	0.0435901	0.0336729	33.4146	33.4146	0.0234539	46.0138	46.0138	0.112404	11.5268	11.5268	0.0776431	16.0237	16.0237	0.179395	7.51744	7.51744
cg17577122	CLDN5;CLDN5	0.048133	0.0480042	15.7632	15.7632	0.051729	14.8957	14.8957	0.136894	7.06297	7.06297	0.112804	8.21395	8.21395	0.109653	8.39617	8.39617
cg09446908	CLDN5;CLDN5;CLDN5	0.00265869	0.0122884	6.54731	6.54731	0.0542713	3.72896	3.72896	0.00483743	9.50638	9.50638	0.0128064	6.44306	6.44306	0.672395	0.773914	-1.29213
cg17411190	CLDN5;CLDN5;CLDN5	0.0292578	0.0199171	9.20187	9.20187	0.0150868	10.5787	10.5787	0.0719841	4.88576	4.88576	0.0802501	4.63066	4.63066	0.960474	1.03992	1.03992
cg04463638	CLDN5;CLDN5;CLDN5;CLDN5	0.0454079	0.278433	1.33669	1.33669	0.089279	0.61725	-1.62009	0.130111	0.656388	-1.52349	0.0450988	1.80763	1.80763	0.429901	0.81263	-1.23057
cg00279557	CLDN6	0.000351321	0.00119808	0.296557	-3.37204	0.00385268	0.368887	-2.71086	0.000287472	0.219669	-4.55231	0.0247386	0.504271	-1.98306	0.00154091	0.311408	-3.21122
cg26746482	CLDN6	0.00650067	0.243417	0.585904	-1.70677	0.0109073	0.246686	-4.05374	0.00729579	0.219711	-4.55144	0.772556	1.13534	1.13534	0.00748717	0.221374	-4.51724
cg20035459	CLDN6	0.0111206	0.417124	0.776642	-1.28759	0.11338	0.591459	-1.69073	0.04451	0.49494	-2.02045	0.87634	1.04861	1.04861	0.000418247	0.181704	-5.50346
cg06080729	CLDN6	0.0296661	0.0117552	6.48759	6.48759	0.981824	0.986556	-1.01363	0.151489	2.49215	2.49215	0.0427674	3.99749	3.99749	0.0175682	5.56704	5.56704
cg02105042	CLDN6;TNFRSF12A	0.0168397	0.0017597	0.0982823	-10.1748	0.200453	0.494629	-2.02172	0.0615581	0.334139	-2.99277	0.0956306	0.385636	-2.59312	0.00721665	0.164498	-6.07909
cg02445972	CLDN7	0.00446342	0.179072	1.5621	1.5621	0.998378	1.00064	1.00064	0.562883	0.832939	-1.20057	0.866289	1.05407	1.05407	0.915224	0.967272	-1.03384
cg11408784	CLDN7	0.0277771	0.00633859	4.02701	4.02701	0.810983	0.910365	-1.09846	0.553029	1.26519	1.26519	0.46788	0.748626	-1.33578	0.608649	0.816759	-1.22435
cg11941546	CLDN7	0.0351997	0.0231688	11.3278	11.3278	0.554996	1.70551	1.70551	0.196456	3.39126	3.39126	0.291601	0.375895	-2.66032	0.00971102	18.6342	18.6342
cg04052038	CLDN8	0.000797285	0.325693	0.747318	-1.33812	0.000118482	0.144678	-6.91191	0.0177507	0.437164	-2.28747	0.382769	0.773448	-1.29291	9.60E-05	0.136399	-7.33144
cg19026320	CLDN8	0.00910345	0.00225542	0.471595	-2.12046	0.0122274	0.577596	-1.73132	0.0341647	0.647512	-1.54437	0.00303584	0.489601	-2.04248	0.0272893	0.631739	-1.58293
cg06427867	CLDN8	0.0112112	0.00340683	0.539192	-1.85463	0.473248	1.11986	1.11986	0.053905	0.712048	-1.4044	0.332709	0.856352	-1.16774	0.106895	1.31411	1.31411
cg01519584	CLDN9	3.86E-06	2.31E-06	0.197958	-5.05158	1.20E-06	0.171176	-5.84194	1.39E-05	0.27913	-3.58257	0.797965	1.03674	1.03674	0.616424	0.931426	-1.07362
cg10492999	CLDN9	0.000462854	0.000487342	5.16583	5.16583	0.0209129	0.433915	-2.3046	0.0296413	0.463405	-2.15794	0.00541353	3.0032	3.0032	0.000225717	6.31382	6.31382
cg03038672	CLDN9	0.00239902	7.90E-05	0.105876	-9.44501	0.856553	0.944647	-1.0586	0.0600775	0.512996	-1.94933	0.0106561	0.364063	-2.74678	0.945513	0.97872	-1.02174
cg05509896	CLDN9	0.0283428	0.0542643	2.52261	2.52261	0.0563012	0.400277	-2.49827	0.0870642	0.449135	-2.2265	0.119975	2.04334	2.04334	0.0405897	2.72285	2.72285
cg08199758	CLDN9	0.0435454	0.809803	1.1109	1.1109	0.514895	1.33382	1.33382	0.165838	1.90522	1.90522	0.0151165	3.67709	3.67709	0.587951	1.26948	1.26948
cg27583220	CLDN9;CLDN9	0.0267539	0.313739	0.551787	-1.81229	0.00583135	0.12742	-7.84809	0.00687313	0.135706	-7.36885	0.836013	0.888441	-1.12557	0.414614	0.621323	-1.60947
cg04715503	CLDN9;CLDN9	0.0298429	0.183341	2.68982	2.68982	0.0212555	6.96375	6.96375	0.746894	0.796949	-1.25478	0.0356192	5.5524	5.5524	0.262981	2.26586	2.26586
cg22084428	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.001101	0.00590284	0.653879	-1.52933	0.579843	1.06818	1.06818	0.0618226	0.780311	-1.28154	0.0478812	0.765837	-1.30576	0.762793	0.964928	-1.03635
cg11299168	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.00876506	0.625751	1.10389	1.10389	0.136134	0.724026	-1.38117	0.33475	1.22145	1.22145	0.0651853	0.659481	-1.51634	0.945727	1.01378	1.01378
cg05379891	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.0176391	0.0132796	0.653303	-1.53068	0.0120255	1.54433	1.54433	0.60864	1.07428	1.07428	0.934956	1.01139	1.01139	0.150423	1.23845	1.23845
cg16656852	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.0218597	0.141353	0.85725	-1.16652	0.877697	1.01511	1.01511	0.231395	1.13003	1.13003	0.795778	0.975059	-1.02558	0.215932	1.13521	1.13521
cg00385142	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.0262996	0.0170954	0.340025	-2.94096	0.629751	0.83505	-1.19753	0.0433617	0.422204	-2.36852	0.123771	0.53869	-1.85636	0.115541	0.529991	-1.88682
cg06294271	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.042773	0.325635	1.17294	1.17294	0.0438656	0.694851	-1.43916	0.578879	0.915653	-1.09212	0.600219	1.08667	1.08667	0.136265	1.28699	1.28699
cg12108269	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.00221646	0.165468	1.16669	1.16669	0.071304	0.810632	-1.23361	0.111837	0.834883	-1.19777	0.26366	1.12912	1.12912	0.190753	0.865548	-1.15534
cg12011479	CLDND2	0.00203672	0.0424506	0.742902	-1.34607	0.000206228	0.453593	-2.20462	0.00624237	1.57353	1.57353	0.779816	0.964984	-1.03629	0.019419	0.69808	-1.4325
cg18390959	CLDND2	0.0081883	0.899381	1.0197	1.0197	0.631136	1.07745	1.07745	0.0499959	0.70847	-1.41149	0.916506	1.0163	1.0163	0.0122227	0.617934	-1.6183
cg14496375	CLDND2	0.00926486	0.11919	1.49118	1.49118	0.00273147	0.376264	-2.65771	0.0127551	0.481355	-2.07747	0.673727	0.904781	-1.10524	0.0805686	0.632583	-1.58082
cg05562817	CLDND2	0.043509	0.149112	0.866078	-1.15463	0.504578	0.939008	-1.06495	0.00833402	1.36802	1.36802	0.327042	1.0986	1.0986	0.583178	1.05285	1.05285
cg22065498	CLDND2;CLDND2	4.37E-05	0.619811	1.08576	1.08576	0.0809042	1.37497	1.37497	0.0417358	0.679647	-1.47135	0.0370695	0.671456	-1.4893	0.140425	0.77034	-1.29813
cg21994174	CLDND2;ETFB	0.000286967	0.000824205	0.327153	-3.05667	0.0434914	0.59758	-1.67342	0.922958	1.02168	1.02168	0.297156	0.786865	-1.27087	3.47E-05	0.169421	-5.90244
cg05220510	CLEC10A;CLEC10A	0.000524152	0.0234549	0.418621	-2.3888	0.00486519	0.300906	-3.3233	0.0981064	0.557846	-1.79261	0.0164652	0.389542	-2.56712	9.65E-05	0.107389	-9.31192
cg21215820	CLEC10A;CLEC10A	0.00820719	0.0152582	0.239896	-4.16847	0.000490853	0.0730813	-13.6834	0.00537509	0.172686	-5.79085	0.241082	1.80042	1.80042	0.32981	0.61763	-1.61909
cg16876461	CLEC10A;CLEC10A;CLEC10A;CLEC10A	0.000462669	0.00386098	0.475223	-2.10427	0.000684489	0.371084	-2.69481	0.00318096	0.463051	-2.15959	0.000303545	0.325632	-3.07095	0.000164454	0.292928	-3.41381
cg08678044	CLEC11A	0.000198785	0.161408	0.726346	-1.37675	0.270382	0.782431	-1.27807	0.0160504	0.532571	-1.87768	0.775706	0.940756	-1.06297	0.0226761	0.558078	-1.79186
cg16651537	CLEC11A	0.000353735	0.658296	0.877621	-1.13944	0.00612509	2.8551	2.8551	0.20216	0.673709	-1.48432	0.563913	1.1866	1.1866	0.0486252	0.516544	-1.93594
cg13152535	CLEC11A	0.0016649	0.630464	1.10596	1.10596	0.00237387	2.4121	2.4121	0.0212332	0.562439	-1.77797	0.00205402	2.46543	2.46543	0.71184	0.925805	-1.08014
cg24790297	CLEC11A	0.00540916	0.894247	1.05879	1.05879	0.00509886	4.90319	4.90319	0.571009	1.27883	1.27883	0.487618	1.3538	1.3538	0.870622	1.07253	1.07253
cg09511427	CLEC11A	0.00939237	0.243492	0.689107	-1.45115	0.612121	1.16885	1.16885	0.00789955	2.82813	2.82813	0.344876	1.34562	1.34562	0.0253432	0.444361	-2.25042
cg04725405	CLEC12A;CLEC12A	0.0126633	0.269648	0.706685	-1.41506	0.626367	1.15972	1.15972	0.29124	0.718379	-1.39202	0.299375	1.3838	1.3838	0.00067382	0.207965	-4.80851
cg05849676	CLEC12B	0.00653299	0.400037	0.824829	-1.21237	0.00247923	0.390514	-2.56073	0.00313916	0.405493	-2.46613	0.00494572	0.435153	-2.29804	0.0507845	0.608061	-1.64457
cg04314261	CLEC12B;CLEC12B	0.00145214	0.000523387	0.272318	-3.67218	0.00258493	0.366131	-2.73126	0.00200041	0.350112	-2.85623	0.0208473	0.512158	-1.95252	0.00026311	0.236274	-4.23238
cg26683917	CLEC12B;CLEC12B	0.0125546	0.50772	1.06865	1.06865	0.0233451	0.7651	-1.30702	0.0052479	0.695057	-1.43873	0.310492	0.901509	-1.10925	0.0871761	0.829767	-1.20516
cg22902799	CLEC14A	0.00055342	0.994248	1.00146	1.00146	0.00845944	1.97074	1.97074	0.405404	0.84217	-1.18741	0.0720682	0.666886	-1.49951	0.0132801	0.538397	-1.85736
cg18403361	CLEC14A	0.00206635	0.596275	1.17124	1.17124	0.0745636	1.79909	1.79909	0.282973	0.719059	-1.39071	0.0447303	0.505999	-1.97629	0.49726	0.815668	-1.22599
cg13643452	CLEC14A	0.00649239	0.309786	1.38254	1.38254	0.321699	1.37097	1.37097	0.123361	0.597857	-1.67264	0.211665	0.666633	-1.50008	0.275942	1.41806	1.41806
cg10285466	CLEC14A	0.00815118	0.59604	1.21686	1.21686	0.0289607	2.57184	2.57184	0.0584308	0.45636	-2.19125	0.0375978	0.412736	-2.42285	0.598881	0.823055	-1.21499
cg05172197	CLEC14A	0.00993375	0.0565723	0.543375	-1.84035	0.00970298	0.396677	-2.52094	0.0169902	0.439297	-2.27637	0.252539	1.4018	1.4018	0.596365	0.8598	-1.16306
cg08139247	CLEC14A;CLEC14A	0.00163524	0.0175283	2.93869	2.93869	0.0142319	3.08803	3.08803	0.149842	1.77836	1.77836	0.332411	1.45186	1.45186	0.0130979	3.15007	3.15007
cg16125874	CLEC14A;CLEC14A	0.00876651	0.903343	0.959392	-1.04233	0.241986	0.658441	-1.51874	0.293084	0.689232	-1.45089	0.256417	0.667495	-1.49814	0.782216	1.09917	1.09917
cg04681600	CLEC14A;CLEC14A	0.0335316	0.0292187	2.84156	2.84156	0.0425282	2.58405	2.58405	0.108301	2.0383	2.0383	0.895095	0.947787	-1.05509	0.0256793	2.93643	2.93643
cg10468236	CLEC16A	0.000275229	0.342212	0.804142	-1.24356	0.113098	0.681061	-1.4683	0.0851316	0.654418	-1.52808	0.00017437	0.241982	-4.13253	3.41E-05	0.167419	-5.97304
cg27581211	CLEC16A	0.000288699	0.288896	0.741393	-1.34881	0.459733	1.22702	1.22702	0.754138	0.918152	-1.08914	0.470605	1.22078	1.22078	9.14E-06	0.0736509	-13.5776
cg27552483	CLEC16A	0.000687311	0.0090361	0.649059	-1.54069	0.508594	1.09127	1.09127	0.00896075	0.648594	-1.5418	0.329098	0.877052	-1.14018	0.163364	0.823854	-1.21381
cg08619515	CLEC16A	0.000734914	0.000268914	0.283249	-3.53046	0.00184989	2.54139	2.54139	0.0941793	1.47452	1.47452	0.00305429	0.424766	-2.35424	0.158916	0.727785	-1.37403
cg06143663	CLEC16A	0.000823918	0.936468	0.985952	-1.01425	3.93E-05	0.247509	-4.04025	0.000828349	0.409267	-2.44339	0.466044	0.876657	-1.1407	0.665984	0.925826	-1.08012
cg05296508	CLEC16A	0.00151489	0.00939346	0.406217	-2.46174	0.00118951	0.27254	-3.66918	0.00128404	0.276935	-3.61096	0.000291002	0.198667	-5.03355	0.00388267	0.345127	-2.89749
cg15027563	CLEC16A	0.0019496	0.513521	0.891302	-1.12195	0.00380763	0.507767	-1.96941	0.995857	1.0009	1.0009	0.516887	1.1209	1.1209	0.000106954	0.305122	-3.27738
cg03455828	CLEC16A	0.00370562	0.775064	1.10548	1.10548	0.00069277	0.163315	-6.12314	0.0962542	0.527688	-1.89506	0.7673	1.10944	1.10944	0.00362641	0.25214	-3.96605
cg09538603	CLEC16A	0.00404303	0.662422	1.16851	1.16851	0.0163217	2.83181	2.83181	0.0932347	1.92432	1.92432	0.456232	1.30865	1.30865	0.0125889	0.332897	-3.00393
cg10083889	CLEC16A	0.0105584	0.0428485	0.690027	-1.44922	0.064401	0.695481	-1.43785	0.353986	0.859165	-1.16392	0.690926	1.06568	1.06568	0.913916	1.01736	1.01736
cg10364862	CLEC16A	0.0153849	0.0701728	0.567953	-1.76071	0.358956	1.30161	1.30161	0.874332	1.04522	1.04522	0.388861	0.781307	-1.27991	0.00654976	0.372673	-2.68332
cg05502525	CLEC16A	0.0154592	0.216443	0.839353	-1.19139	0.120253	0.796988	-1.25472	0.0133801	0.662015	-1.51054	0.0325554	1.40051	1.40051	0.0154058	0.670117	-1.49228
cg10390979	CLEC16A	0.0166651	0.0665519	0.534724	-1.87012	0.0450301	2.01348	2.01348	0.82953	1.06781	1.06781	0.230014	1.46698	1.46698	0.000757849	0.211527	-4.72752
cg06150195	CLEC16A	0.0179538	0.703911	0.811321	-1.23256	0.0172244	0.204094	-4.89971	0.0148353	0.193724	-5.16199	0.0236072	0.227614	-4.3934	0.00729416	0.150351	-6.65111
cg01233620	CLEC16A	0.0206248	0.394022	0.829046	-1.20621	0.0110119	0.504145	-1.98356	0.0153691	0.527934	-1.89418	0.364717	1.22141	1.22141	0.028201	0.573221	-1.74453
cg04031411	CLEC16A	0.0228771	0.0130211	0.272933	-3.6639	0.0809047	0.442318	-2.26082	0.49336	0.745887	-1.34069	0.828979	0.912859	-1.09546	0.00259192	0.172164	-5.80841
cg02698770	CLEC16A	0.0262211	0.0974737	0.742855	-1.34616	0.867462	1.02768	1.02768	0.454882	0.883005	-1.1325	0.0894231	0.736299	-1.35814	0.077182	0.725284	-1.37877
ch.16.406779R	CLEC16A	0.0288755	0.00704499	0.186654	-5.35752	0.0144172	0.233838	-4.27646	0.00730125	0.188807	-5.29641	0.0318493	0.297562	-3.36065	0.0290244	0.289364	-3.45585
cg09413946	CLEC16A	0.0302699	0.328564	1.19189	1.19189	0.124558	0.748661	-1.33572	0.993603	0.998605	-1.0014	0.472699	1.13558	1.13558	0.0888184	1.38643	1.38643
cg03846704	CLEC16A	0.0386129	0.586886	1.37054	1.37054	0.0709789	3.18655	3.18655	0.610755	1.34302	1.34302	0.931216	1.05085	1.05085	0.047894	0.272681	-3.66729
cg00579794	CLEC16A	0.040408	0.890963	1.0484	1.0484	0.383	0.734692	-1.36111	0.172367	0.606194	-1.64964	0.543961	1.23574	1.23574	0.00252834	0.235815	-4.24061
cg26765295	CLEC16A	0.0410301	0.00577491	0.33036	-3.027	0.711449	0.892452	-1.12051	0.126662	0.602928	-1.65857	0.867599	0.950188	-1.05242	0.00367545	0.300411	-3.32877
cg01144592	CLEC16A	0.0415625	0.78756	0.95229	-1.0501	0.0184656	0.596161	-1.6774	0.122671	0.738796	-1.35355	0.355174	0.841857	-1.18785	0.00183398	0.448845	-2.22794
cg08194933	CLEC16A	0.0415836	0.0368855	0.343596	-2.91039	0.0078774	0.222598	-4.49241	0.00346744	0.17401	-5.74681	0.199961	0.550624	-1.81612	0.143592	0.500288	-1.99885
cg07486170	CLEC16A	0.0486015	0.113188	0.606476	-1.64887	0.0278831	0.470572	-2.12507	0.0157697	0.423941	-2.35882	0.181378	1.50923	1.50923	0.0177907	0.433486	-2.30688
cg08125682	CLEC16A;CLEC16A	0.00159775	0.256237	1.14131	1.14131	0.826106	1.02484	1.02484	0.546131	1.0705	1.0705	0.0490668	1.28478	1.28478	0.0428009	0.771015	-1.29699
cg08099331	CLEC16A;DEXI	0.00230254	0.084317	0.649471	-1.53971	0.0520751	0.606863	-1.64782	0.00198728	0.372689	-2.6832	0.347672	1.24426	1.24426	0.000832058	0.32077	-3.11749
cg00586623	CLEC16A;DEXI	0.0324283	0.0416661	0.706364	-1.4157	0.0945236	0.763405	-1.30992	0.0015085	1.62198	1.62198	0.881477	0.978634	-1.02183	0.191783	0.817275	-1.22358
cg25770495	CLEC17A	0.000361408	0.00309662	0.300338	-3.32958	0.446808	0.794189	-1.25915	0.00238806	0.284207	-3.51856	0.000231541	0.162661	-6.14774	1.90E-05	0.075469	-13.2505
cg24838240	CLEC17A	0.00137709	0.000423772	0.0850661	-11.7556	0.00474305	0.191014	-5.23523	0.0255054	0.309897	-3.22688	0.00206739	0.147393	-6.78456	0.00222687	0.150959	-6.62431
cg17934790	CLEC17A	0.0228522	0.485638	0.636766	-1.57044	0.0781942	0.287493	-3.47835	0.0156113	0.151276	-6.61044	0.0615268	0.26139	-3.8257	0.0521034	0.244744	-4.0859
cg17701035	CLEC17A	0.0304969	0.260917	0.461856	-2.16518	0.0517896	0.23266	-4.29812	0.0133354	0.132683	-7.53678	0.0740037	0.269313	-3.71315	0.159452	0.371367	-2.69276
cg09472159	CLEC17A	0.0461011	0.0612785	0.433881	-2.30478	0.136304	0.52963	-1.88811	0.107464	0.498748	-2.00502	0.309256	0.65924	-1.5169	0.112801	0.504857	-1.98076

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20366986	9.99E-06	0.240755	-4.15359	0.641264	1.07301	1.07301	0.398621	0.878297	-1.13857	1.43E-05	0.257355	-3.88568	52.3487	18.6955	0.317452	1
cg17298704	1.77E-05	0.197399	-5.06588	1.63E-05	0.193709	-5.16238	0.000655923	0.380837	-2.62579	0.000483184	0.363527	-2.75083	28.8605	15.6244	0.481223	1
cg10784090	0.00132948	0.340387	-2.93783	0.000256758	0.249144	-4.01375	0.00444129	0.416237	-2.40247	0.000234712	0.244566	-4.08888	16.4187	13.865	0.750631	1
cg16240260	0.136307	0.704	-1.42046	0.534753	1.14737	1.14737	0.0252839	0.559001	-1.78891	0.00817663	0.47709	-2.09604	9.39621	7.11551	0.673133	1
cg27138949	0.00264497	0.220614	-4.5328	0.00577416	0.26872	-3.72134	0.0400139	0.42218	-2.36866	0.0194281	0.358207	-2.79168	5.86593	12.2636	1.85836	1
cg17574958	0.202219	0.516477	-1.93619	0.00506974	0.162321	-6.16063	0.365632	0.633733	-1.57795	0.0104409	0.205548	-4.86504	3.54448	13.5177	3.38999	1
cg24894531	0.591117	0.878873	-1.13782	1.87E-05	0.125729	-7.95359	0.359577	0.799102	-1.2514	0.0589948	0.601901	-1.6614	16.1393	14.4886	0.797976	1
cg00405112	0.285486	0.651237	-1.53554	0.47077	0.753028	-1.32797	0.596736	0.813476	-1.22929	0.00672963	0.257043	-3.8904	10.2773	24.329	2.10423	1
cg06580220	0.0123676	0.221728	-4.51002	0.0328976	0.299112	-3.34323	0.689247	1.21461	1.21461	0.011413	0.216225	-4.62482	3.56917	13.2249	3.29361	1
cg27507254	0.0313849	2.22299	2.22299	0.00096549	4.73411	4.73411	0.00328852	3.55126	3.55126	0.0304809	2.23585	2.23585	7.68197	12.1816	1.40955	1
cg18383603	0.425009	0.813079	-1.22989	0.0616405	0.585863	-1.70688	0.226577	1.38055	1.38055	0.0494956	0.565924	-1.76702	5.98422	6.11439	0.908223	1
cg11075745	0.803349	0.943204	-1.06022	0.000592868	3.46597	3.46597	0.12366	1.47815	1.47815	0.135063	1.45869	1.45869	4.61147	4.01125	0.773192	1
cg08545416	0.0150346	1.76226	1.76226	0.0467407	1.5398	1.5398	0.728172	0.935993	-1.06838	0.322037	0.823708	-1.21402	4.41013	2.51027	0.50596	1
cg23917006	0.798702	1.05393	1.05393	0.634275	1.10351	1.10351	0.636353	1.10284	1.10284	0.335065	0.815202	-1.22669	4.26205	2.85148	0.594702	1
cg06654076	0.956437	0.988956	-1.01117	0.0178367	1.79584	1.79584	0.582102	0.893156	-1.11963	0.0695899	0.661926	-1.51074	3.91093	2.56004	0.581854	1
cg25106358	0.352584	0.854944	-1.16967	0.0120444	1.67032	1.67032	0.752178	0.949424	-1.05327	0.156437	1.28192	1.28192	5.35419	2.27615	0.377881	1
cg05040725	0.200999	0.58558	-1.70771	0.0348928	0.377477	-2.64917	0.394417	0.707759	-1.41291	0.867924	0.936176	-1.06817	6.57576	16.353	2.21055	1
cg02882785	0.0278135	0.373224	-2.67936	0.0194913	0.342898	-2.91632	0.22074	0.613859	-1.62904	0.0510525	0.430713	-2.32173	6.15271	14.0013	2.02278	1
cg20141229	0.0265066	0.414617	-2.41186	0.137854	0.585766	-1.70717	0.216612	0.647135	-1.54527	0.400289	0.749614	-1.33402	5.0732	9.00239	1.57733	1
cg13423172	0.200351	0.693057	-1.44288	0.601472	0.866897	-1.15354	0.483697	0.824544	-1.21279	0.0239064	0.481682	-2.07606	6.38491	7.42935	1.03429	1
cg00074818	0.111482	1.53802	1.53802	5.44E-05	6.47153	6.47153	0.00419897	2.5915	2.5915	0.0590171	1.69801	1.69801	9.36687	9.14844	0.86816	1
cg06671706	0.0786266	2.61041	2.61041	0.00060465	13.4296	13.4296	0.00340162	7.06871	7.06871	0.0300007	3.50422	3.50422	6.31845	24.1463	3.39695	1
cg05888298	0.655659	1.03999	1.03999	0.124506	0.864761	-1.15639	0.978184	1.00239	1.00239	0.658494	1.03963	1.03963	3.98538	0.481761	0.107451	1
cg15441656	0.629831	0.951388	-1.0511	8.67E-05	0.485439	-2.05999	0.0103676	1.39279	1.39279	0.000964598	0.603932	-1.65581	46.8106	7.80673	0.148242	1
cg07504127	0.299058	0.721587	-1.38583	0.00011023	0.127037	-7.87169	0.56921	0.839952	-1.19054	0.0940209	0.572241	-1.74751	11.6347	16.9363	1.29394	1
cg03009690	0.0340628	0.488867	-2.04555	0.00390219	0.324938	-3.07751	0.00509842	0.34271	-2.91792	0.0122181	0.405239	-2.46768	7.80748	10.3506	1.17843	1
cg25026627	0.319893	1.18098	1.18098	0.0697384	0.720191	-1.38852	0.747408	0.949048	-1.05369	0.0510419	0.697924	-1.43282	5.13891	2.13169	0.368723	1
cg21017771	0.0240061	0.287323	-3.4804	0.00292484	0.150523	-6.6435	0.0354838	0.321733	-3.10817	0.0119252	0.233758	-4.27792	5.77584	19.6284	3.02077	1
cg02590287	0.371189	0.525089	-1.90444	0.0874041	0.266099	-3.75799	0.0743287	0.247828	-4.03505	0.103024	0.286144	-3.49474	3.44142	26.8267	6.92909	1
cg03448884	0.00363539	2.12733	2.12733	0.280376	1.2402	1.2402	0.956229	1.01059	1.01059	0.226341	1.27598	1.27598	12.6316	7.3632	0.518149	1
cg12654845	0.0122874	3.39763	3.39763	0.122275	1.92871	1.92871	0.00594362	4.09969	4.09969	0.117316	1.94878	1.94878	6.8151	16.6039	2.16563	1
cg16397077	0.0346809	0.358426	-2.78998	0.0625403	0.417541	-2.39497	0.00696393	0.233485	-4.28292	0.61473	0.809391	-1.2355	4.33664	11.9249	2.44426	1
cg21002399	0.165209	1.72415	1.72415	0.520288	1.27102	1.27102	0.856821	0.9357	-1.06872	0.097018	0.51157	-1.95477	3.81626	8.18473	1.9064	1
cg06101212	0.171506	0.76395	-1.30899	0.203044	1.28214	1.28214	0.979666	1.00472	1.00472	0.0109071	1.80588	1.80588	10.4541	5.66398	0.481596	1
cg12234855	0.51311	1.22604	1.22604	0.101934	1.73336	1.73336	0.00022259	6.60988	6.60988	0.152494	1.6014	1.6014	10.4376	15.6061	1.32904	1
cg17974780	0.888962	0.974934	-1.02571	0.109673	0.728395	-1.37288	0.134383	1.3409	1.3409	0.887551	1.02604	1.02604	3.54498	1.85406	0.464897	1
cg24440468	0.478228	1.24206	1.24206	0.0273953	0.456305	-2.19152	0.00435568	3.14338	3.14338	0.443349	1.26488	1.26488	3.44842	4.93709	1.27262	1
cg24419391	0.190995	0.543955	-1.83839	0.00114046	0.12197	-8.19877	0.456917	0.716646	-1.39539	0.581634	1.27728	1.27728	7.73209	23.6824	2.72255	1
cg18045859	0.933532	0.964682	-1.03661	0.00293877	0.171921	-5.81662	0.0156799	3.585	3.585	0.317005	1.56189	1.56189	5.07555	14.9367	2.6159	1
cg10393875	0.0765579	0.640325	-1.56171	0.895098	1.0303	1.0303	0.00396131	0.416096	-2.40329	0.00857713	0.468275	-2.1355	7.50424	6.08576	0.720867	1
cg22123387	0.476938	1.11467	1.11467	0.00627653	1.70662	1.70662	0.965853	0.993594	-1.00645	0.675288	1.06529	1.06529	4.91583	1.75452	0.317256	1
cg15544036	0.0607683	3.42943	3.42943	0.00314306	10.5228	10.5228	0.0116178	6.29115	6.29115	0.020952	5.05085	5.05085	4.22828	22.7608	4.78488	1
cg04779752	0.155248	2.71875	2.71875	0.00231597	16.4195	16.4195	0.00704843	9.87957	9.87957	0.028816	5.44832	5.44832	4.38796	30.0544	6.08825	1
cg06340942	0.390497	0.777976	-1.28539	0.000888583	4.13958	4.13958	0.382442	1.2912	1.2912	0.392105	0.778671	-1.28424	3.84673	4.95991	1.14612	1
cg14553765	0.748756	0.889918	-1.1237	0.164118	1.714	1.714	0.18387	1.66809	1.66809	0.398246	0.730586	-1.36876	3.74867	7.82053	1.85441	1
cg00811132	0.0327006	34.2887	34.2887	0.0209122	50.9636	50.9636	0.0127337	79.7069	79.7069	0.0344427	32.7558	32.7558	3.5677	113.051	28.1666	1
cg17577122	0.0648518	12.549	12.549	0.0177763	33.6533	33.6533	0.00820099	61.9688	61.9688	0.0268817	24.4875	24.4875	3.43737	81.0316	20.9544	1
cg09446908	0.249775	2.06426	2.06426	0.951916	1.03701	1.03701	0.000146042	51.3372	51.3372	0.00347807	10.9096	10.9096	8.86968	51.007	5.11175	1
cg17411190	0.0242442	8.34445	8.34445	0.0104573	12.7511	12.7511	0.0282538	7.73583	7.73583	0.0287684	7.66719	7.66719	4.1233	40.7385	8.7823	1
cg04463638	0.0482155	1.78842	1.78842	0.506802	0.840778	-1.18938	0.0166001	2.12404	2.12404	0.756453	1.0834	1.0834	3.51363	3.68976	0.933447	1
cg00279557	0.00279757	0.348195	-2.87195	0.00011042	0.175097	-5.71111	9.58E-05	0.168941	-5.91923	0.100323	0.63063	-1.58572	15.7529	16.3618	0.923244	1
cg26746482	0.157704	0.515994	-1.93801	0.00361463	0.17815	-5.61325	0.000847672	0.111138	-8.99783	0.133044	0.491723	-2.03366	6.76916	20.5665	2.70068	1
cg20035459	0.0145942	0.399778	-2.50139	0.014054	0.396843	-2.51989	0.236315	0.685053	-1.45974	0.801257	1.07992	1.07992	5.7124	8.40653	1.30811	1
cg06080729	0.271014	1.97568	1.97568	0.00430736	9.65948	9.65948	0.908496	0.933965	-1.0707	0.042576	4.00411	4.00411	4.1031	22.9422	4.97016	1
cg02105042	0.0954959	0.385458	-2.59432	0.0308008	0.26706	-3.74448	0.165755	0.463273	-2.15855	0.00587001	0.153058	-6.53348	4.98525	21.3942	3.81468	1
cg02445972	0.547709	1.20939	1.20939	0.753334	0.906184	-1.10353	8.00E-05	9.26303	9.26303	0.0074651	2.93429	2.93429	7.59651	11.7489	1.37477	1
cg11408784	0.117919	0.514022	-1.94544	0.815945	1.0957	1.0957	0.36924	1.43541	1.43541	0.0030752	4.89582	4.89582	4.19958	10.2183	2.16282	1
cg11941546	0.715568	0.72093	-1.3871	0.992557	0.991695	-1.00837	0.0869616	5.42011	5.42011	0.00735259	21.9565	21.9565	3.85917	48.8642	11.255	1
cg04052038	0.741587	1.09963	1.09963	0.361406	0.763932	-1.30902	0.246746	0.706356	-1.41572	0.000890996	0.239696	-4.17195	12.5441	16.3661	1.15972	1
cg19026320	0.00897671	0.557507	-1.7937	0.865184	0.970563	-1.03033	0.62014	1.09183	1.09183	0.338082	0.840597	-1.18963	6.09024	2.98223	0.435265	1
cg06427867	0.807277	0.962782	-1.03866	0.00341411	1.8542	1.8542	0.16391	0.794115	-1.25926	0.463162	0.890573	-1.12287	5.69747	2.17318	0.339048	1
cg01519584	7.60E-06	0.250667	-3.98936	1.27E-05	0.274851	-3.63833	0.986776	1.00233	1.00233	0.00124149	0.514892	-1.94215	51.8927	16.2602	0.278527	1
cg10492999	0.628161	0.863626	-1.15791	0.747371	0.907474	-1.10196	0.0600023	0.528656	-1.89159	0.00232443	3.58804	3.58804	14.5995	20.8678	1.27053	1
cg03038672	0.0120797	0.3735	-2.67738	0.09797	0.564806	-1.77052	0.00257541	0.268447	-3.72514	0.916644	0.96759	-1.0335	9.1422	14.3399	1.39426	1
cg05509896	0.378375	0.681905	-1.46648	0.232519	0.588388	-1.69956	0.236698	0.591434	-1.69081	0.0305635	2.93439	2.93439	4.16986	11.8515	2.52639	1
cg08199758	0.349403	0.65694	-1.52221	0.0342554	0.340477	-2.93706	0.0156635	3.64085	3.64085	0.173218	1.88161	1.88161	3.56906	10.7544	2.67842	1
cg27583220	0.0855639	0.338063	-2.95803	0.0154694	0.183558	-5.44787	0.0104697	0.158997	-6.28942	0.416905	0.622838	-1.60555	4.25531	21.949	4.58491	1
cg04715503	0.237097	0.419726	-2.38251	0.0307433	0.168887	-5.92112	0.966705	1.02969	1.02969	0.0167104	7.74876	7.74876	4.09446	31.8562	6.91584	1
cg22084428	2.51E-05	0.372602	-2.68383	0.330792	0.88838	-1.12564	0.0510362	1.29967	1.29967	0.805365	1.02955	1.02955	11.4493	2.52251	0.195839	1
cg11299168	0.000158072	0.272716	-3.66682	0.378387	0.833822	-1.1993	0.426244	1.17747	1.17747	0.594669	0.897636	-1.11404	6.16384	3.94746	0.569263	1
cg05379891	0.391902	1.12942	1.12942	0.0262644	1.44155	1.44155	0.0555101	0.740008	-1.35134	0.101368	0.779679	-1.28258	4.90842	1.49645	0.271	1
cg16656852	0.228649	0.884231	-1.13093	0.000639584	0.600209	-1.66609	0.269079	0.893967	-1.11861	0.156992	0.86295	-1.15882	4.56394	0.685473	0.133505	1
cg00385142	0.0811643	0.487963	-2.04933	0.00157831	0.185636	-5.38689	0.638995	1.19165	1.19165	0.0527273	0.441665	-2.26416	4.2809	9.33729	1.9388	1
cg06294271	0.12034	1.30319	1.30319	0.00322679	1.88057	1.88057	0.227064	1.22057	1.22057	0.917779	0.983902	-1.01636	3.59292	1.40566	0.34776	1
cg12108269	0.594133	1.05765	1.05765	4.28E-05	0.444665	-2.24888	0.635206	0.951411	-1.05107	0.183755	1.15833	1.15833	9.35685	1.6097	0.152919	1
cg12011479	0.911474	0.985955	-1.01425	0.0388866	1.35543	1.35543	0.436126	0.903892	-1.10633	0.108539	1.24937	1.24937	9.59091	2.45707	0.227722	1
cg18390959	0.00977693	0.604263	-1.65491	0.000359637	0.413727	-2.41705	0.987335	1.00245	1.00245	0.173798	0.800014	-1.24998	6.29784	2.37157	0.334728	1
cg14496375	0.57185	1.14452	1.14452	0.293497	1.29367	1.29367	0.744401	1.08037	1.08037	0.00302798	0.382842	-2.61205	6.05632	5.35537	0.78601	1
cg05562817	0.152929	1.15287	1.15287	0.76954	1.02768	1.02768	0.458149	0.932197	-1.07273	0.0081476	1.36992	1.36992	3.57017	0.488372	0.121593	1
cg22065498	0.973413	0.994532	-1.0055	6.41E-07	0.106512	-9.38857	0.138943	1.29959	1.29959	0.000496733	0.407925	-2.45143	27.5864	11.8264	0.381071	1
cg21994174	0.000261311	0.264152	-3.7857	0.0151553	1.93803	1.93803	0.422122	1.19943	1.19943	0.224352	1.32718	1.32718	16.6512	12.9698	0.692365	1
cg05220510	0.488364	1.25414	1.25414	8.99E-05	0.105004	-9.52341	0.00128099	0.220813	-4.52871	0.00409608	0.289658	-3.45235	14.1046	23.1167	1.45684	1
cg21215820	0.570967	0.760047	-1.31571	0.964122	1.02179	1.02179	0.0636841	0.368277	-2.71534	0.0933555	0.412979	-2.42143	6.29327	22.8835	3.23217	1
cg16876461	0.0763874	0.686078	-1.45756	0.0027554	0.454113	-2.20209	0.0370554	1.5884	1.5884	0.088625	0.698386	-1.43187	14.6011	8.44655	0.514209	1
cg08678044	0.451431	1.17825	1.17825	1.79E-06	0.0784525	-12.7466	0.0222673	0.556714	-1.79626	0.373641	0.82263	-1.21561	18.4015	13.3206	0.643454	1
cg16651537	0.66374	1.13689	1.13689	7.36E-06	0.0551599	-18.1291	0.00901638	0.377678	-2.64775	0.399897	0.776671	-1.28755	15.7233	21.4204	1.21096	1
cg13152535	0.00522324	2.15039	2.15039	0.00170379	0.394156	-2.53706	0.501188	1.15241	1.15241	0.767777	0.940328	-1.06346	10.1689	6.95331	0.607803	1
cg24790297	0.417114	1.42791	1.42791	0.000245935	0.0741429	-13.4875	0.160342	1.90458	1.90458	0.547531	0.769938	-1.29881	7.16408	20.9356	2.59761	1
cg09511427	0.991154	1.00339	1.00339	0.00288231	0.286357	-3.49215	0.0351354	2.11459	2.11459	0.213342	1.4916	1.4916	6.03003	8.89127	1.31066	1
cg04725405	0.0843993	0.56184	-1.77987	0.169637	1.55556	1.55556	0.646556	0.869844	-1.14963	0.010765	0.379959	-2.63186	5.47684	7.91184	1.28409	1
cg05849676	0.387176	0.820247	-1.21914	0.385366	1.22011	1.22011	0.118323	1.46092	1.46092	0.0195101	0.532017	-1.87964	6.75875	5.3493	0.703523	1
cg04314261	0.00939275	0.452801	-2.20848	0.0123016	0.472328	-2.11717	0.900512	1.03055	1.03055	0.0967391	0.644901	-1.55062	10.5778	9.69728	0.814895	1
cg26683917	0.363156	0.911793	-1.09674	0.0765842	1.21485	1.21485	0.555144	0.942734	-1.06074	0.00184816	0.646129	-1.54768	5.49224	0.84917	0.137434	1
cg22902799	0.521807	0.877206	-1.13998	0.0327745	1.65532	1.65532	9.00E-05	0.243257	-4.11088	0.000293678	0.304071	-3.28871	13.8931	8.95973	0.573247	1
cg18403361	0.0799097	0.562991	-1.77623	0.00170116	3.76222	3.76222	0.00037149	0.185653	-5.38638	0.0175792	0.425651	-2.34934	9.55059	13.2207	1.23047	1
cg13643452	0.29943	1.39297	1.39297	0.00630346	2.99362	2.99362	0.000495143	0.186278	-5.36832	0.79267	0.922022	-1.08457	6.77183	10.1872	1.3372	1
cg10285466	0.829724	0.924029	-1.08222	0.0201804	2.79506	2.79506	0.00237456	0.211281	-4.73303	0.028392	0.387062	-2.58356	6.30686	13.4441	1.89482	1
cg05172197	0.120916	0.621703	-1.60849	0.376251	0.77367	-1.29254	0.699713	1.11575	1.11575	0.000561572	0.220585	-4.5334	5.92319	7.49197	1.12431	1
cg08139247	0.10389	1.94073	1.94073	2.90E-05	21.3276	21.3276	0.21979	1.61789	1.61789	0.00420678	4.17594	4.17594	10.2219	22.5091	1.95737	1
cg16125874	0.418699	0.754299	-1.32573	0.00354532	3.85218	3.85218	0.00184906	0.221294	-4.51887	0.0106868	0.334552	-2.98907	6.16352	11.3663	1.63922	1
cg04681600	0.1934	1.74965	1.74965	0.00371986	4.9178	4.9178	0.323179	0.660482	-1.51405	0.604693	1.23648	1.23648	3.92742	10.2772	2.32603	1
cg10468236	0.000358461	0.279288	-3.58053	0.367429	1.22903	1.22903	0.0896915	1.51697	1.51697	0.00345365	0.412947	-2.42162	16.8423	13.2346	0.698481	1
cg27581211	0.679597	0.893258	-1.1195	0.000166364	0.174956	-5.71573	0.117429	1.58755	1.58755	0.838876	0.946168	-1.0569	16.6238	19.4496	1.03998	1
cg27552483	1.98E-05	0.324279	-3.08376	0.00929891	1.53692	1.53692	0.513862	0.917384	-1.09006	0.475386	0.909796	-1.09915	13.0778	3.5137	0.238824	1
cg08619515	0.885488	0.970047	-1.03088	0.00135905	0.374792	-2.66815	0.870063	0.966042	-1.03515	0.018657	0.547864	-1.82527	12.8346	9.0527	0.626967	1
cg06143663	0.0428476	0.661236	-1.51232	0.0135125	1.72035	1.72035	0.488478	0.882595	-1.13302	0.347976	1.18706	1.18706	12.4286	6.1989	0.443344	1
cg05296508	0.00311701	0.330887	-3.02218	0.761581	0.920125	-1.08681	0.983127	0.994232	-1.0058	0.268692	0.729683	-1.37046	10.4498	12.3856	1.05355	1
cg15027563	0.522246	1.11922	1.11922	0.148819	0.764217	-1.30853	0.220265	1.25086	1.25086	0.0128489	1.71012	1.71012	9.71383	4.64013	0.424607	1
cg03455828	0.0611972	0.477906	-2.09246	0.00155089	0.203354	-4.91754	0.122228	1.79723	1.79723	0.0687312	0.490147	-2.0402	8.03514	15.5895	1.72459	1
cg09538603	0.990733	0.995892	-1.00413	0.000249712	0.117381	-8.51929	0.376549	1.37945	1.37945	0.660087	0.854798	-1.16987	7.8272	15.5786	1.76917	1
cg10083889	0.248083	0.82514	-1.21192	0.00271643	1.93305	1.93305	0.00488425	0.552211	-1.8109	0.101799	0.751941	-1.32989	5.80858	2.33088	0.356695	1
cg10364862	0.103736	0.608229	-1.64412	0.00106885	0.258972	-3.86142	0.456086	1.23631	1.23631	0.682844	1.12165	1.12165	5.13743	6.3544	1.09945	1
cg05502525	0.0547282	1.34094	1.34094	0.030004	0.709146	-1.41015	0.105762	0.788283	-1.26858	0.480306	0.907918	-1.10142	5.12923	1.47261	0.255202	1
cg10390979	0.402279	1.298	1.298	0.681753	1.13367	1.13367	0.74989	1.10221	1.10221	0.773859	0.916072	-1.09162	5.00264	7.33565	1.30343	1
cg06150195	0.283786	0.543466	-1.84004	0.00381605	0.118109	-8.46677	0.93646	1.04463	1.04463	0.0432833	0.279995	-3.57149	4.87935	23.1734	4.22158	1
cg01233620	0.00265281	0.409502	-2.44199	0.71129	1.08311	1.08311	0.653069	0.907407	-1.10204	0.216986	0.75658	-1.32174	4.65557	3.40013	0.649187	1
cg04031411	0.559237	0.779665	-1.2826	0.0125634	0.270293	-3.69969	0.260791	1.63937	1.63937	0.104021	0.47278	-2.11515	4.49315	12.6405	2.50069	1
cg02698770	0.0387194	0.676171	-1.47892	0.0284592	1.52603	1.52603	0.024153	0.644376	-1.55189	0.013183	0.605119	-1.65257	4.28537	1.81352	0.376168	1
ch.16.406779R	0.0810031	0.393655	-2.54029	0.0757802	0.385831	-2.59181	0.202686	0.523052	-1.91186	0.13427	0.45927	-2.17737	4.14253	15.2343	3.26893	1
cg09413946	0.00190407	0.465029	-2.15041	0.158753	1.29981	1.29981	0.387479	1.16672	1.16672	0.379767	0.854838	-1.16981	4.07385	1.95509	0.42659	1
cg03846704	0.85838	1.10807	1.10807	0.00213679	0.0838704	-11.9232	0.574357	1.38546	1.38546	0.645796	0.766529	-1.30458	3.73121	19.5058	4.64687	1
cg00579794	0.0140143	0.351514	-2.84484	0.632481	1.18063	1.18063	0.370807	1.3726	1.3726	0.649608	0.854173	-1.17072	3.66939	6.90205	1.67199	1
cg26765295	0.0654524	0.530889	-1.88363	0.36112	0.750145	-1.33308	0.723784	0.897033	-1.11479	0.0878187	0.561598	-1.78063	3.64875	5.41932	1.32023	1
cg01144592	0.0987868	0.720653	-1.38763	0.194171	0.779887	-1.28224	0.565475	0.900188	-1.11088	0.045954	0.660998	-1.51286	3.63139	1.88396	0.461154	1
cg08194933	0.246174	0.585967	-1.70658	0.0724903	0.413457	-2.41863	0.76959	0.878585	-1.13819	0.292653	0.618082	-1.61791	3.6307	11.1681	2.73424	1
cg07486170	0.171452	0.655497	-1.52556	0.102266	0.595272	-1.67991	0.123116	0.615973	-1.62345	0.258121	0.71013	-1.40819	3.4248	4.56453	1.1847	1
cg08125682	0.474956	0.922163	-1.08441	7.86E-05	2.21764	2.21764	0.00109308	1.71131	1.71131	0.0709421	1.25235	1.25235	10.2906	2.02736	0.175121	1
cg08099331	0.679625	0.910413	-1.0984	0.000318393	0.267821	-3.73384	0.238252	0.75639	-1.32207	0.00850619	0.46812	-2.1362	9.253	7.48603	0.719144	1
cg00586623	0.694109	1.05893	1.05893	0.0167149	1.54735	1.54735	0.30228	1.16826	1.16826	0.858863	1.0261	1.0261	4.36725	1.41862	0.252648	1
cg25770495	0.00168969	0.263577	-3.79395	0.829188	0.937809	-1.06631	0.0260924	0.456311	-2.19149	0.0154538	0.41355	-2.41809	15.6308	21.8635	1.24333	1
cg24838240	0.00771847	0.22078	-4.52939	0.096252	0.44659	-2.23919	0.00023198	0.0674471	-14.8264	0.104893	0.457417	-2.18619	10.7403	33.1357	2.74238	1
cg17934790	0.0981176	0.314801	-3.17661	0.00699612	0.108394	-9.22558	0.00254674	0.069442	-14.4005	0.0555549	0.251034	-3.98352	4.49483	28.8902	5.71328	1
cg17701035	0.179943	0.391304	-2.55556	0.0104596	0.119628	-8.35926	0.00277988	0.0660591	-15.138	0.144797	0.356356	-2.80618	4.06304	27.9327	6.11097	1
cg09472159	0.141685	0.534891	-1.86954	0.00444081	0.222445	-4.4955	0.00836706	0.263394	-3.79659	0.0632994	0.437362	-2.28643	3.49371	8.67576	2.20734	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26877374	CLEC18A;CLEC18A	0.00167654	0.174511	0.736207	-1.35831	0.286967	1.2642	1.2642	0.105601	0.687391	-1.45478	0.337597	0.810899	-1.2332	0.000148553	0.250972	-3.98451
cg01042640	CLEC18B	0.0029575	0.0138191	0.557641	-1.79327	0.000184698	0.297457	-3.36183	0.0388014	0.631765	-1.58287	0.0342174	0.622351	-1.60681	0.00619717	0.504049	-1.98394
cg13600716	CLEC1A	0.0135438	0.474207	0.892171	-1.12086	0.00539205	0.563115	-1.77584	0.00380608	0.542365	-1.84378	0.0855582	0.742357	-1.34706	0.522137	1.10705	1.10705
cg01313732	CLEC1A	0.0226005	0.0927422	0.68035	-1.46983	0.179054	0.7429	-1.34608	0.179929	0.743398	-1.34517	0.479895	1.16129	1.16129	0.00399591	0.446847	-2.2379
cg07959477	CLEC1A	0.0480839	0.1065	0.592042	-1.68907	0.927807	0.973409	-1.02732	0.0137967	0.404451	-2.47249	0.00599779	0.343689	-2.90961	0.649048	1.14598	1.14598
cg02507181	CLEC1A;CLEC1A	0.0245364	0.947549	0.980745	-1.01963	0.350117	0.75259	-1.32874	0.311065	0.733638	-1.36307	0.0487674	0.514212	-1.94472	0.0237813	0.450487	-2.21982
cg24640735	CLEC2A	0.00212766	0.249725	0.648445	-1.54215	0.00804793	0.29449	-3.3957	0.0490702	0.44528	-2.24578	0.0759292	0.491027	-2.03655	0.000192056	0.104164	-9.60026
cg16072655	CLEC2A	0.00224616	0.0192449	0.713049	-1.40243	0.339862	0.889153	-1.12467	0.327374	0.88625	-1.12835	0.0344611	0.744851	-1.34255	2.70E-05	0.371656	-2.69066
cg19699815	CLEC2A	0.0246688	0.262729	1.15064	1.15064	0.00417924	0.63053	-1.58597	0.024926	0.725637	-1.3781	0.569825	0.933307	-1.07146	0.0354122	0.745017	-1.34225
cg24820250	CLEC2A;CLEC2A	0.00537365	0.0474018	1.63768	1.63768	0.00336838	0.420065	-2.38058	0.000445479	0.299658	-3.33713	0.901087	0.973321	-1.02741	0.125505	0.697263	-1.43418
cg08752459	CLEC2B	0.000545088	0.00027559	0.0603785	-16.5622	?	?	?	0.0105986	0.219809	-4.5494	0.00545676	0.178567	-5.60014	0.000359992	0.0673872	-14.8396
cg12591315	CLEC2B	0.0023416	0.00273423	0.173662	-5.7583	0.00108331	0.129785	-7.70505	0.0536263	0.39549	-2.52851	0.0105795	0.256406	-3.90006	0.00664897	0.225208	-4.44034
cg08321576	CLEC2B;CLEC2B	0.00131817	0.00465694	0.23363	-4.28028	0.00270794	0.201754	-4.95653	0.00649848	0.254945	-3.92242	0.00409309	0.225735	-4.42997	0.00259741	0.199441	-5.01403
cg17475456	CLEC2B;CLEC2B	0.032602	0.0710255	0.454566	-2.1999	0.00611034	0.246849	-4.05107	0.0156519	0.314015	-3.18456	0.150801	0.547751	-1.82565	0.0253058	0.35361	-2.82797
cg12810837	CLEC2D;CLEC2D	0.000205559	0.000647487	0.388773	-2.57219	0.596064	1.10142	1.10142	0.0902973	0.713869	-1.40082	0.000489042	0.372887	-2.68177	5.13E-05	0.254339	-3.93177
cg19646204	CLEC2D;CLEC2D	0.000421316	0.84089	0.960578	-1.04104	0.0665503	0.662548	-1.50932	0.120406	0.71386	-1.40083	0.0477411	1.57297	1.57297	0.000111577	0.256813	-3.89388
cg13553498	CLEC2D;CLEC2D	0.00164611	0.0165186	0.589017	-1.69774	0.000205828	0.325071	-3.07626	0.00136942	0.431959	-2.31503	0.0096453	0.553202	-1.80766	0.222631	0.793245	-1.26064
cg27138901	CLEC2D;CLEC2D	0.0347399	0.0535397	0.535339	-1.86798	0.00645431	0.364446	-2.74389	0.0135487	0.418634	-2.38872	0.134108	0.631026	-1.58472	0.750829	0.913209	-1.09504
cg04679031	CLEC2L	1.28E-05	0.0715081	0.899478	-1.11176	0.0455926	1.12825	1.12825	0.00411355	1.22458	1.22458	0.00333548	1.23405	1.23405	0.00299616	0.807116	-1.23898
cg23153471	CLEC2L	0.000373654	0.00280128	0.647761	-1.54378	0.0383741	1.28785	1.28785	0.00478035	0.673769	-1.48419	0.000147637	0.502581	-1.98973	0.0179421	0.738431	-1.35422
cg17068070	CLEC2L	0.000570776	0.255994	0.818414	-1.22188	0.161838	0.7769	-1.28717	0.00012201	0.321897	-3.10659	0.129142	0.757967	-1.31932	5.42E-05	0.280443	-3.56579
cg14717314	CLEC2L	0.00323498	0.232051	0.749002	-1.33511	0.0443602	0.587124	-1.70322	0.000411468	0.274376	-3.64464	0.0479194	0.593647	-1.6845	0.000387475	0.271158	-3.68788
cg24617914	CLEC2L	0.00720783	0.682051	0.960811	-1.04079	0.00706455	1.40199	1.40199	0.0248463	1.2959	1.2959	0.102414	0.840748	-1.18942	0.219668	0.882262	-1.13345
cg14426836	CLEC2L	0.0152035	0.309634	1.12419	1.12419	0.732144	0.962468	-1.039	0.00191361	0.613042	-1.63121	0.397993	0.908142	-1.10115	0.923085	1.01081	1.01081
cg27353957	CLEC3A	0.00208279	0.0468549	0.663323	-1.50756	6.72E-05	0.267921	-3.73244	0.482105	0.879071	-1.13756	0.936941	0.985827	-1.01438	0.144238	0.753531	-1.32708
cg00877212	CLEC3A	0.00832822	0.0320873	0.446656	-2.23886	0.00269212	0.264158	-3.78561	0.129902	0.591465	-1.69072	0.448718	0.780504	-1.28122	0.00599267	0.315705	-3.16751
cg26617091	CLEC3A	0.0431395	0.75151	1.20413	1.20413	0.132399	0.386934	-2.58442	0.179121	0.434087	-2.30368	0.49224	1.50358	1.50358	0.00674098	0.128213	-7.79952
cg02147617	CLEC3B	5.25E-06	0.187358	0.820814	-1.2183	0.000304927	0.436481	-2.29105	4.08E-06	0.220896	-4.52702	4.52E-06	0.225515	-4.4343	2.80E-05	0.311851	-3.20666
cg23551917	CLEC3B	0.00218953	0.0290558	0.627126	-1.59458	0.196308	0.780518	-1.2812	0.000836422	0.40186	-2.48843	0.000815587	0.400404	-2.49748	0.00166366	0.442263	-2.2611
cg03194226	CLEC3B	0.00278923	0.0555998	0.49056	-2.03849	0.0250843	2.39873	2.39873	0.279998	1.44591	1.44591	0.916572	0.966181	-1.035	0.00106365	0.204217	-4.89676
cg21057494	CLEC3B	0.00444631	0.00066894	0.219741	-4.5508	0.323502	1.34558	1.34558	0.0742552	0.56046	-1.78425	0.251793	1.41694	1.41694	0.00304888	0.30685	-3.25892
cg17658717	CLEC3B	0.00741645	0.00732694	0.428996	-2.33102	0.217743	1.37357	1.37357	0.119657	1.51188	1.51188	0.179873	0.705616	-1.4172	0.00279857	0.364792	-2.74129
cg03447908	CLEC3B	0.0180063	0.728012	0.906376	-1.10329	0.00215052	3.36462	3.36462	0.033845	0.497786	-2.0089	0.108441	0.61077	-1.63728	0.0662647	1.78607	1.78607
cg12401842	CLEC4A;CLEC4A;CLEC4A;CLEC4A	0.000695174	0.514514	0.87969	-1.13676	0.0011058	0.393587	-2.54073	0.00188335	0.425472	-2.35033	0.0303955	0.6105	-1.638	0.944639	1.01356	1.01356
cg09142829	CLEC4A;CLEC4A;CLEC4A;CLEC4A	0.00993342	0.00482941	0.217756	-4.59231	0.0290994	0.350389	-2.85397	0.0552128	0.412187	-2.42608	0.138525	0.521906	-1.91605	0.0242957	0.334612	-2.98854
cg02082571	CLEC4A;CLEC4A;CLEC4A;CLEC4A	0.0493095	0.117569	0.659958	-1.51525	0.172889	0.701431	-1.42566	0.0574373	0.591317	-1.69114	0.14386	0.681179	-1.46804	0.00508586	0.404396	-2.47282
cg22194129	CLEC4C;CLEC4C	0.00017238	7.80E-05	0.179983	-5.55609	0.815053	1.05782	1.05782	0.354859	0.795849	-1.25652	0.00972144	0.456275	-2.19166	4.17E-05	0.153763	-6.50349
cg01050005	CLEC4C;CLEC4C	0.00398119	0.0609601	1.37389	1.37389	0.191839	0.812364	-1.23098	0.00602499	0.582939	-1.71544	0.236173	0.829693	-1.20526	0.00711148	0.592764	-1.68701
cg03938369	CLEC4C;CLEC4C	0.0407984	0.123822	1.52709	1.52709	0.116434	0.648346	-1.54239	0.0540914	0.57388	-1.74252	0.0184775	0.483918	-2.06647	0.844564	0.951361	-1.05113
cg18460107	CLEC4C;CLEC4C	0.0418362	0.113144	0.413726	-2.41706	0.535452	1.37883	1.37883	0.0809279	0.371345	-2.69291	0.026749	0.260952	-3.83212	0.0242079	0.252725	-3.95687
cg14162076	CLEC4D	8.58E-05	0.000394939	0.270156	-3.70156	0.00117848	0.331641	-3.01531	0.000122365	0.211217	-4.73448	0.327054	0.790855	-1.26445	3.01E-05	0.150545	-6.64253
cg09546307	CLEC4D	0.000458914	0.0080477	0.678748	-1.4733	0.253708	0.872794	-1.14575	0.00202262	0.608359	-1.64376	0.00442196	0.648163	-1.54282	1.45E-05	0.357065	-2.80061
cg05582397	CLEC4D	0.00384574	0.00346445	0.174341	-5.73588	0.0930214	0.443359	-2.25551	0.00392126	0.181104	-5.52169	0.691413	0.838944	-1.19197	0.00214906	0.15002	-6.66578
cg03425731	CLEC4D	0.00679392	0.908347	1.02676	1.02676	0.15385	0.704616	-1.41921	0.0591982	0.613567	-1.62981	0.0667157	0.624121	-1.60225	0.000644934	0.301049	-3.32172
cg04106436	CLEC4D	0.0119573	0.21152	1.45938	1.45938	0.36027	1.31012	1.31012	0.0193504	0.443858	-2.25297	0.0288078	0.476914	-2.09681	0.0159577	0.42852	-2.33361
cg19720414	CLEC4D	0.01676	0.170624	0.73083	-1.36831	0.0669117	1.55489	1.55489	0.806833	0.948716	-1.05406	0.650802	0.906715	-1.10288	0.00151133	0.374504	-2.6702
cg19685205	CLEC4D	0.0226617	0.0184994	0.140019	-7.14189	0.0158873	0.130996	-7.63381	0.0187422	0.140817	-7.1014	0.0473972	0.209926	-4.76359	0.0252569	0.160266	-6.23961
cg01253753	CLEC4D;CLEC4D	0.00569369	0.0368605	0.435678	-2.29527	0.353994	0.721231	-1.38652	0.00790325	0.311137	-3.21402	0.00411724	0.267472	-3.73871	0.00430369	0.270293	-3.6997
cg14909213	CLEC4E	0.000226551	0.849158	0.949902	-1.05274	0.962357	0.987341	-1.01282	0.00156844	0.293422	-3.40807	0.307477	0.751894	-1.32998	0.00452906	0.360238	-2.77594
cg15047223	CLEC4E	0.000307483	0.000195215	0.0808565	-12.3676	0.143868	1.87815	1.87815	0.0884781	0.470312	-2.12625	0.00213481	0.176959	-5.65102	4.40E-05	0.0446411	-22.4009
cg13691259	CLEC4E	0.0278814	0.164267	0.93507	-1.06944	0.180102	0.937633	-1.06652	0.0156747	0.874592	-1.14339	0.128362	0.928343	-1.07719	0.00286007	0.830564	-1.204
cg12748639	CLEC4F	0.0082394	0.0187112	0.402882	-2.48212	0.0315558	0.447364	-2.23532	0.00494836	0.305018	-3.27849	0.0392209	0.467108	-2.14083	0.00585451	0.316337	-3.16119
cg07209841	CLEC4F	0.0142506	0.220043	0.610223	-1.63875	0.0128373	0.306164	-3.26622	0.00585007	0.251078	-3.98283	0.37594	1.4163	1.4163	0.00861521	0.277168	-3.60792
cg21148892	CLEC4F	0.03004	0.0387856	0.476003	-2.10083	0.407872	0.769021	-1.30036	0.0158588	0.399862	-2.50086	0.0183774	0.411662	-2.42918	0.162119	0.629348	-1.58895
cg15654136	CLEC4F;CLEC4F	0.0169794	0.0141599	0.4217	-2.37135	0.172767	0.661088	-1.51266	0.364586	0.766633	-1.30441	0.160176	0.651804	-1.5342	0.866201	1.04928	1.04928
cg23853484	CLEC4G	0.000103397	0.000182301	0.360997	-2.77011	9.40E-05	0.326017	-3.06732	0.00453788	0.544053	-1.83806	0.000646542	0.430636	-2.32215	1.37E-05	0.231558	-4.31857
cg13950603	CLEC4G	0.000265541	0.197434	0.737643	-1.35567	0.870179	1.03721	1.03721	0.799436	1.05851	1.05851	3.70E-06	11.2162	11.2162	0.0737071	0.640652	-1.56091
cg11056604	CLEC4G	0.000660041	0.00416739	0.323661	-3.08966	0.459098	0.801348	-1.2479	0.362551	0.759623	-1.31644	0.00879509	0.375254	-2.66486	0.000674061	0.217077	-4.60666
cg04816348	CLEC4G	0.00410901	0.192705	1.39748	1.39748	0.00216263	0.35166	-2.84366	0.176241	1.4177	1.4177	0.024401	0.521481	-1.91761	0.00482785	0.403516	-2.47822
cg21278129	CLEC4G	0.00975198	0.0151131	0.408434	-2.44837	0.0104362	0.380191	-2.63025	0.09736	0.579469	-1.72572	0.0918704	0.573154	-1.74473	0.00225904	0.277548	-3.60298
cg05626117	CLEC4G	0.0153643	0.0251278	0.238803	-4.18755	0.0515644	0.303799	-3.29165	0.011996	0.185457	-5.3921	0.168238	0.454083	-2.20224	0.00240373	0.102955	-9.71293
cg12768640	CLEC4G	0.0168586	0.180173	0.813655	-1.22902	0.529253	0.911786	-1.09675	0.0146551	1.5456	1.5456	0.19098	0.818222	-1.22216	0.0648013	0.740453	-1.35053
cg19283928	CLEC4G	0.0295746	0.049952	0.284617	-3.51349	0.0054768	0.128341	-7.79171	0.0116644	0.170045	-5.8808	0.508232	0.685741	-1.45828	0.0603924	0.304118	-3.2882
cg16626670	CLEC4G;CLEC4G	0.0010578	0.000311423	0.25087	-3.98612	0.00863962	0.453099	-2.20702	0.0189752	0.510858	-1.95749	0.0111563	0.471363	-2.12151	0.000163898	0.218754	-4.57135
cg19001261	CLEC4G;CLEC4G	0.00990289	0.0418954	0.520589	-1.9209	0.00660571	0.374675	-2.66898	0.102291	0.607882	-1.64506	0.264495	0.723415	-1.38233	0.00388578	0.338758	-2.95196
cg26004707	CLEC4GP1	0.00303076	0.00446214	0.263578	-3.79394	0.0158747	2.82516	2.82516	0.752267	0.894642	-1.11777	0.318656	1.43671	1.43671	0.00400024	0.256673	-3.896
cg09286599	CLEC4GP1	0.00450358	0.0517091	0.302548	-3.30526	0.00177931	0.0905472	-11.044	0.0658756	0.32816	-3.0473	0.0962573	0.373017	-2.68084	0.0401539	0.277948	-3.5978
cg24889914	CLEC4GP1	0.00670352	0.0401902	0.348901	-2.86614	0.0205129	3.45495	3.45495	0.20845	1.80216	1.80216	0.0551628	0.380747	-2.62641	0.00408896	0.180629	-5.53621
cg23190402	CLEC4GP1	0.0111546	0.264892	0.905208	-1.10472	0.0515372	0.826999	-1.20919	0.0093587	0.753931	-1.32638	0.710451	1.03248	1.03248	0.00964128	0.755191	-1.32417
cg13544883	CLEC4GP1	0.0143126	0.00894073	0.480637	-2.08057	0.114975	1.45878	1.45878	0.284043	0.782559	-1.27786	0.151014	1.40358	1.40358	0.0182178	0.531791	-1.88044
cg18994062	CLEC4GP1	0.0180079	0.0050903	0.637122	-1.56956	0.885674	1.01767	1.01767	0.647923	1.05758	1.05758	0.783602	0.967037	-1.03409	0.213324	1.173	1.173
cg16715857	CLEC4GP1	0.0242303	0.851554	0.915995	-1.09171	0.790895	1.13254	1.13254	0.0556501	0.362148	-2.7613	0.383308	0.657885	-1.52002	0.00111348	0.10545	-9.48317
cg21227085	CLEC4GP1	0.0403412	0.957679	0.988351	-1.01179	0.348455	1.23756	1.23756	0.352528	1.23521	1.23521	0.00119826	2.85207	2.85207	0.662933	1.10168	1.10168
cg01532771	CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M	0.000189535	0.0688581	0.589476	-1.69642	0.224219	1.39293	1.39293	5.61E-05	0.143216	-6.98247	0.00981987	0.428589	-2.33324	9.59E-06	0.0841649	-11.8814
cg00480077	CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M	0.000424891	0.865044	1.04819	1.04819	0.0268496	0.484068	-2.06582	0.146088	0.649377	-1.53994	0.00253863	0.313762	-3.18713	0.000576758	0.229053	-4.3658
cg07584894	CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M	0.00241212	0.460934	1.28769	1.28769	0.0433409	0.457131	-2.18756	0.0455294	0.461866	-2.16513	0.0984027	0.543053	-1.84144	0.000131864	0.107064	-9.34019
cg12147572	CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M	0.00752039	0.0249409	0.273513	-3.65613	0.542693	1.34901	1.34901	0.410893	0.66462	-1.50462	0.0102609	0.207656	-4.81567	0.00063744	0.0782285	-12.7831
cg18515510	CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M	0.0106911	0.014608	0.153298	-6.52325	0.00908258	0.126506	-7.90474	0.104873	0.331126	-3.02	0.220675	0.447992	-2.23218	0.0025789	0.0738672	-13.5378
cg11615959	CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M	0.0111924	0.0138511	0.0506959	-19.7255	0.00113285	0.00913131	-109.513	0.071349	0.138809	-7.20412	0.0898636	0.159912	-6.25344	0.027546	0.0776726	-12.8746
cg21372914	CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLEC4M;CLE	0.0075144	0.0605661	0.419566	-2.38341	0.0765499	0.445464	-2.24485	0.0965109	0.472843	-2.11487	0.0166361	0.301114	-3.321	0.0237677	0.330322	-3.02735
cg21308760	CLEC5A	0.000218729	5.91E-06	0.0487009	-20.5335	0.586067	1.17746	1.17746	0.00257561	0.28894	-3.46092	0.0721265	0.550821	-1.81547	0.0441507	0.503087	-1.98773
cg18463686	CLEC5A;CLEC5A	5.02E-08	1.45E-09	0.0319258	-31.3226	0.247647	0.868642	-1.15122	3.26E-06	0.277318	-3.60597	7.85E-05	0.43513	-2.29816	7.81E-07	0.213109	-4.69243
cg23892568	CLEC7A;CLEC7A;CLEC7A;CLEC7A;CLEC7A;CLEC7A	0.000154163	4.30E-05	0.288508	-3.46611	0.635285	1.07944	1.07944	0.000173134	0.360537	-2.77364	0.538372	0.905141	-1.1048	0.000464283	0.414386	-2.41321
cg26066361	CLEC7A;CLEC7A;CLEC7A;CLEC7A;CLEC7A;CLEC7A	0.000346786	0.00325216	0.228486	-4.37664	0.015136	0.333562	-2.99795	0.0109725	0.309073	-3.23548	0.022158	0.364583	-2.74286	0.000193799	0.0994994	-10.0503
cg11650987	CLEC7A;CLEC7A;CLEC7A;CLEC7A;CLEC7A;CLEC7A	0.017824	0.017208	0.36929	-2.7079	0.150111	0.58892	-1.69802	0.0171937	0.369223	-2.70839	0.106336	0.545951	-1.83167	0.00226499	0.230852	-4.33178
cg19223467	CLEC9A	0.000168656	0.0143965	0.8401	-1.19034	0.0226251	0.854138	-1.17077	0.0190658	0.848825	-1.1781	0.158971	1.09085	1.09085	0.00611804	0.813299	-1.22956
cg17469479	CLEC9A	0.000329815	0.206448	1.15961	1.15961	0.0173895	0.72483	-1.37963	0.000834721	0.571915	-1.74851	0.0600264	0.789973	-1.26587	0.0220045	1.35699	1.35699
cg02930518	CLEC9A	0.00611422	0.410751	1.15391	1.15391	0.0027442	0.494873	-2.02072	0.243539	0.812477	-1.2308	0.837692	1.03552	1.03552	0.0249552	1.57469	1.57469
cg26262442	CLEC9A	0.0463959	0.168649	1.43848	1.43848	0.557357	1.15847	1.15847	0.625316	1.12975	1.12975	0.741514	0.921226	-1.08551	0.175692	1.42892	1.42892
cg15411736	CLECL1	0.00346254	0.189093	0.778467	-1.28458	0.296698	0.823035	-1.21501	0.357702	0.843446	-1.18561	0.11274	0.732888	-1.36447	0.0120218	0.569005	-1.75745
cg20894963	CLECL1	0.020433	0.296547	0.689124	-1.45112	0.147175	0.585589	-1.70768	0.0441919	0.45146	-2.21504	0.767816	0.903166	-1.10722	0.0754189	0.506149	-1.9757
cg02651961	CLGN;CLGN	0.00376183	0.0283188	0.55292	-1.80858	0.00199982	2.71417	2.71417	0.00996133	2.10633	2.10633	0.166492	0.71344	-1.40166	0.00489746	0.425939	-2.34775
cg05373723	CLGN;CLGN	0.0180497	0.413354	0.840838	-1.18929	0.349605	1.22091	1.22091	0.0488336	1.59418	1.59418	0.876224	0.968205	-1.03284	0.436667	1.17879	1.17879
cg15207826	CLGN;CLGN	0.0193934	0.782802	0.950835	-1.05171	0.63448	0.91633	-1.09131	0.352727	1.1906	1.1906	0.00964714	1.81776	1.81776	0.288511	0.817894	-1.22265
cg25323711	CLGN;CLGN	0.0357713	0.113186	0.802098	-1.24673	0.0523869	1.32605	1.32605	0.00231007	1.72391	1.72391	0.155567	0.823343	-1.21456	0.350626	0.88436	-1.13076
cg10041232	CLIC1	0.000283863	0.000477914	0.306329	-3.26447	0.0324573	0.582573	-1.71652	0.0111753	0.503479	-1.98618	0.00366496	0.428312	-2.33475	0.000249453	0.271347	-3.68532
cg16587838	CLIC1	0.000467566	0.142853	1.28155	1.28155	0.000644757	2.28119	2.28119	0.0288198	1.5009	1.5009	0.673771	0.935479	-1.06897	0.00231346	1.95511	1.95511
cg03619586	CLIC1	0.000557029	0.000312273	0.216382	-4.62146	0.000116447	0.170661	-5.85957	0.00103555	0.280186	-3.56906	0.00418687	0.366201	-2.73074	0.00039708	0.228445	-4.37743
cg13026137	CLIC1	0.00136009	0.00998166	0.604343	-1.65469	0.0021957	0.514415	-1.94395	0.890296	1.02159	1.02159	0.0164308	0.635161	-1.5744	0.000181743	0.37526	-2.66482
cg16730737	CLIC1	0.00143916	0.00262054	0.386662	-2.58624	0.467322	0.844783	-1.18374	0.0099312	0.475814	-2.10166	9.38E-05	0.204297	-4.89484	0.126623	1.45768	1.45768
cg12457415	CLIC1	0.00184139	0.522883	0.86539	-1.15555	0.00331759	2.44204	2.44204	0.0116125	2.02265	2.02265	0.653006	0.903893	-1.10633	0.00125904	2.86131	2.86131
cg19474571	CLIC1	0.00392597	0.000373568	0.23568	-4.24305	0.327575	0.773632	-1.2926	0.494082	1.19287	1.19287	0.00216423	0.335132	-2.9839	0.0910411	1.60439	1.60439
cg01578324	CLIC1	0.00487221	0.944556	1.01488	1.01488	0.00694062	2.09979	2.09979	0.195553	1.33736	1.33736	0.785595	0.943738	-1.05962	0.00970815	2.00321	2.00321
cg04627871	CLIC1	0.00617196	0.155997	1.79617	1.79617	0.00332173	4.67719	4.67719	0.00255929	5.02402	5.02402	0.993311	0.996771	-1.00324	0.0115347	3.38404	3.38404
cg23425079	CLIC1	0.00822874	0.533154	0.857362	-1.16637	0.289242	1.30762	1.30762	0.0715017	1.63348	1.63348	0.224404	0.732599	-1.365	0.00454854	2.51301	2.51301
cg10914115	CLIC1	0.0108367	0.219057	1.19953	1.19953	0.0161765	1.51298	1.51298	0.33409	1.15052	1.15052	0.358564	1.14211	1.14211	0.0338325	1.41729	1.41729
cg23175055	CLIC1	0.0141577	0.663511	0.877404	-1.13973	0.0287357	2.16132	2.16132	0.106428	1.69336	1.69336	0.688613	1.12789	1.12789	0.0262143	2.19874	2.19874
cg12257344	CLIC1	0.0191258	0.67373	0.933176	-1.07161	0.62604	0.922925	-1.08351	0.122184	0.760641	-1.31468	0.297208	0.838194	-1.19304	0.00137499	0.468576	-2.13412
cg08985336	CLIC1	0.036988	0.682546	0.803468	-1.2446	0.054838	3.1861	3.1861	0.1239	2.42701	2.42701	0.563543	1.36441	1.36441	0.164058	2.20368	2.20368
cg13622821	CLIC1	0.0412817	0.0118858	0.292426	-3.41967	0.0389487	0.392202	-2.5497	0.00823447	0.26621	-3.75643	0.0462699	0.408985	-2.44508	0.391461	0.709054	-1.41033
cg12921375	CLIC1;CLIC1	0.0333996	0.0735981	4.01496	4.01496	0.10683	3.41075	3.41075	0.0484449	4.81277	4.81277	0.167259	2.78983	2.78983	0.0651469	4.23337	4.23337
cg05157492	CLIC1;DDAH2	0.00274528	0.30328	1.16359	1.16359	0.000424791	0.452445	-2.21021	0.00611124	0.601402	-1.66278	0.723042	1.05186	1.05186	0.427036	1.12214	1.12214
cg11093373	CLIC1;DDAH2	0.00740911	0.180469	0.676665	-1.47784	0.000126655	6.24771	6.24771	0.697381	1.11329	1.11329	0.801442	0.933136	-1.07165	0.417627	0.796536	-1.25544
cg18402034	CLIC1;DDAH2	0.0358947	0.576872	0.843191	-1.18597	0.825203	1.06922	1.06922	0.569836	0.840476	-1.1898	0.171457	0.643683	-1.55356	0.00114979	0.235561	-4.24519
cg03183094	CLIC2	0.0159943	0.463275	0.795603	-1.25691	0.30909	0.724412	-1.38043	0.70587	0.890365	-1.12313	0.661697	0.873844	-1.14437	0.000626032	0.199726	-5.00686
cg09889532	CLIC2	0.0486607	0.0109081	0.139043	-7.19199	0.0112939	0.140995	-7.09247	0.0778222	0.298204	-3.35341	0.138089	0.373126	-2.68006	0.018666	0.171999	-5.81399
cg03359503	CLIC2;CLIC2	0.00154885	7.47E-05	0.0910036	-10.9886	0.00703173	0.313138	-3.19348	0.0940491	0.541477	-1.8468	0.165013	0.610474	-1.63807	0.0552453	0.484751	-2.06291
cg21248478	CLIC2;CLIC2	0.0017513	0.000591983	0.139979	-7.14392	0.00208501	0.200782	-4.98053	0.0156352	0.333386	-2.99952	0.142645	0.557641	-1.79327	0.0167731	0.338965	-2.95015
cg08468443	CLIC2;CLIC2	0.0166428	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14233183	CLIC3	0.00374978	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04471485	CLIC3	0.00590101	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06204126	CLIC3	0.0229134	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14408173	CLIC3	0.0246416	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02189785	CLIC3;CLIC3	0.0191356	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17456471	CLIC4	0.00027947	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26877374	0.000201725	0.266542	-3.75176	0.191548	0.745896	-1.34067	0.387085	1.20681	1.20681	0.0533154	0.627852	-1.59273	10.1485	7.22598	0.632911	1
cg01042640	0.00180487	0.426631	-2.34395	0.00461989	0.485105	-2.06141	0.140945	0.737898	-1.3552	0.160738	0.750077	-1.3332	8.59447	5.01491	0.518671	1
cg13600716	0.725788	1.05675	1.05675	0.0454479	1.43286	1.43286	0.907753	0.981992	-1.01834	0.085656	1.34691	1.34691	5.35783	2.08541	0.345979	1
cg01313732	0.0163536	0.542749	-1.84247	0.70116	0.922854	-1.08359	0.0173375	0.546967	-1.82826	0.0090745	0.501389	-1.99446	4.512	3.09787	0.610298	1
cg07959477	0.306014	0.729646	-1.37053	0.018684	0.428393	-2.33431	0.838793	0.941218	-1.06245	0.342729	0.747734	-1.33737	3.4387	4.81691	1.24515	1
cg02507181	0.692295	0.889094	-1.12474	0.0074055	0.360736	-2.77211	0.0221519	2.2493	2.2493	0.189034	1.50866	1.50866	4.38566	6.06661	1.22958	1
cg24640735	0.00156645	0.194742	-5.13501	0.00131767	0.185802	-5.38207	0.554177	0.806167	-1.24044	0.00580133	0.272179	-3.67406	9.4694	19.4479	1.82556	1
cg16072655	0.0679404	0.783344	-1.27658	0.647413	1.05654	1.05654	0.205373	0.852506	-1.17301	0.178991	0.843236	-1.18591	9.32047	2.10572	0.200821	1
cg19699815	0.169987	1.19201	1.19201	0.175827	1.18883	1.18883	0.959227	0.993875	-1.00616	0.156285	0.833396	-1.19991	4.37748	1.0012	0.203302	1
cg24820250	0.316188	1.25278	1.25278	0.47946	1.16923	1.16923	0.714463	0.923196	-1.08319	0.0941344	0.670149	-1.49221	7.17856	5.37729	0.665846	1
cg08752459	0.00403522	0.16197	-6.17398	0.000594837	0.0821968	-12.1659	0.000738474	0.0892755	-11.2013	0.00446303	0.167372	-5.9747	14.2911	44.6959	3.12753	1
cg12591315	0.00657782	0.224522	-4.4539	0.00162073	0.147743	-6.76852	0.000935196	0.123643	-8.08781	0.0195491	0.302896	-3.30147	9.20745	26.1255	2.52216	1
cg08321576	0.000836961	0.143424	-6.97232	0.00114487	0.157647	-6.3433	0.000811115	0.142051	-7.03971	0.00596455	0.249329	-4.01077	10.8758	25.7137	2.10161	1
cg17475456	0.170944	0.565564	-1.76815	0.0085543	0.269446	-3.71131	0.0912391	0.483286	-2.06917	0.0939854	0.486822	-2.05414	3.9673	9.60215	2.1514	1
cg12810837	0.000216875	0.328194	-3.04698	0.000246949	0.335195	-2.98334	0.972724	1.00619	1.00619	0.00256616	0.469985	-2.12773	18.2351	9.41678	0.459031	1
cg19646204	0.656414	0.914305	-1.09373	5.17E-05	0.219724	-4.55115	0.0495119	1.56587	1.56587	0.0119105	0.533657	-1.87386	14.984	9.50141	0.563648	1
cg13553498	0.14069	0.75096	-1.33163	0.0120872	1.76034	1.76034	0.696456	0.931598	-1.07342	0.840394	1.03712	1.03712	10.2024	5.27787	0.459838	1
cg27138901	0.560415	0.84554	-1.18268	0.0193891	0.4468	-2.23814	0.0624001	0.550057	-1.81799	0.0236958	0.463196	-2.15891	3.87758	4.98768	1.14337	1
cg04679031	0.133217	0.918267	-1.08901	8.45E-07	0.500886	-1.99646	6.49E-05	1.47136	1.47136	0.0358622	0.879395	-1.13715	38.0714	1.67074	0.0390084	1
cg23153471	0.271241	0.886249	-1.12835	3.48E-05	0.430195	-2.32453	0.212614	0.870748	-1.14844	0.0336219	0.769784	-1.29907	15.4882	2.72658	0.156482	1
cg17068070	0.244701	0.81411	-1.22834	0.0125481	1.68997	1.68997	0.324785	0.842112	-1.18749	0.0184013	0.616717	-1.62149	13.7742	6.23041	0.402066	1
cg14717314	0.0585113	0.610871	-1.63701	0.2133	0.739185	-1.35284	0.134836	1.45024	1.45024	0.111545	0.67055	-1.49131	8.3683	7.04716	0.748556	1
cg24617914	0.331746	0.907385	-1.10207	0.0267419	0.775121	-1.29012	0.00263946	1.49761	1.49761	0.246599	1.12479	1.12479	6.55499	0.977908	0.132609	1
cg14426836	0.636681	1.0544	1.0544	0.092411	1.22901	1.22901	0.804424	1.02801	1.02801	0.00321606	0.639108	-1.56468	5.15765	1.01266	0.174526	1
cg27353957	0.0826891	1.4144	1.4144	0.0325401	1.57049	1.57049	0.295738	0.822335	-1.21605	0.132998	1.33966	1.33966	9.52853	4.9115	0.45818	1
cg00877212	0.489874	0.798392	-1.25252	0.374861	0.746493	-1.3396	0.000508308	0.174943	-5.71616	0.238611	0.672873	-1.48616	6.26428	10.2227	1.45058	1
cg26617091	0.19528	2.22773	2.22773	0.0250268	4.75429	4.75429	0.379365	0.590178	-1.6944	0.753471	1.20229	1.20229	3.58153	19.3952	4.81363	1
cg02147617	1.21E-05	0.270869	-3.69182	0.000428141	0.454862	-2.19847	7.30E-06	0.247233	-4.04476	5.20E-06	0.231719	-4.31558	47.9296	15.1576	0.281108	1
cg23551917	0.000852336	0.40295	-2.4817	0.0159965	0.585746	-1.70722	0.532965	0.891784	-1.12135	0.0269267	0.621736	-1.6084	9.39039	4.89195	0.463069	1
cg03194226	0.181389	1.59337	1.59337	0.122023	0.576774	-1.73378	0.0079129	0.326822	-3.05977	0.00146939	0.221458	-4.51552	8.74494	14.931	1.51768	1
cg21057494	0.293014	0.727938	-1.37374	0.0248884	0.459728	-2.1752	0.459942	0.803319	-1.24484	0.00323683	0.310649	-3.21906	7.60536	10.2064	1.19289	1
cg17658717	0.134407	0.673589	-1.48459	0.0174609	0.492482	-2.03053	0.170105	1.43002	1.43002	0.0832528	1.59906	1.59906	6.49676	6.1661	0.843648	1
cg03447908	0.994467	0.99805	-1.00195	0.73526	1.10027	1.10027	0.212534	0.690951	-1.44728	0.103783	0.60601	-1.65014	4.87456	6.12018	1.11603	1
cg12401842	0.604265	0.903575	-1.10672	0.000161535	3.48736	3.48736	0.0184852	1.74037	1.74037	0.338467	0.825843	-1.21088	13.0362	7.7649	0.52946	1
cg09142829	0.00871696	0.255932	-3.90729	0.00207194	0.170627	-5.86074	0.440123	1.37856	1.37856	0.0252806	0.338031	-2.9583	5.92326	15.5985	2.34083	1
cg02082571	0.120517	0.66251	-1.50941	0.734751	1.0867	1.0867	0.314668	1.28945	1.28945	0.0360456	0.550919	-1.81515	3.40608	3.22466	0.841545	1
cg22194129	0.00889465	0.449939	-2.22252	0.00157319	0.336476	-2.97198	5.20E-05	0.162717	-6.14566	0.674093	0.903505	-1.1068	19.1254	17.4343	0.81029	1
cg01050005	0.0147593	0.636801	-1.57035	0.03829	0.696915	-1.43489	0.000362813	0.423287	-2.36247	0.426953	0.885151	-1.12975	7.86365	2.81734	0.318465	1
cg03938369	0.461064	1.20999	1.20999	0.315736	1.30147	1.30147	0.0890128	0.620996	-1.61032	0.0212204	0.494794	-2.02104	3.65639	3.73651	0.908367	1
cg18460107	0.647145	0.789854	-1.26606	0.0405271	0.297945	-3.35633	0.00553404	0.154728	-6.46297	0.222924	0.519153	-1.92622	3.62257	15.0328	3.68867	1
cg14162076	0.00030819	0.257072	-3.88996	8.79E-05	0.195945	-5.10347	0.000103138	0.203238	-4.92035	0.00245614	0.376424	-2.65658	23.0635	19.6456	0.757158	1
cg09546307	0.000531054	0.540234	-1.85105	0.262709	0.875212	-1.14258	0.7631	0.966084	-1.03511	0.602127	0.941728	-1.06188	14.6341	3.01967	0.183418	1
cg05582397	0.0137039	0.261412	-3.82539	0.000531916	0.0931195	-10.7389	0.11133	0.466071	-2.1456	0.021171	0.295269	-3.38674	7.94603	24.3815	2.72746	1
cg03425731	0.000853835	0.316985	-3.15473	0.506774	1.16702	1.16702	0.176453	0.719266	-1.39031	0.0792436	0.639677	-1.56329	6.67698	5.56047	0.740251	1
cg04106436	0.0126727	2.43479	2.43479	0.0691613	0.557679	-1.79315	0.192049	1.48675	1.48675	0.289171	1.3716	1.3716	5.57995	7.28909	1.16115	1
cg19720414	0.146405	0.71532	-1.39798	0.644174	1.10512	1.10512	0.00619154	0.464332	-2.15363	0.311921	0.798671	-1.25208	4.99316	3.65217	0.650165	1
cg19685205	0.067621	0.244384	-4.09193	0.00610116	0.085135	-11.7461	0.0269133	0.164717	-6.07103	0.0361925	0.187058	-5.34593	4.50781	33.8128	6.66751	1
cg01253753	0.00964427	0.325428	-3.07287	0.000894332	0.181869	-5.49847	0.086203	0.522226	-1.91488	0.0137968	0.352364	-2.83798	7.05213	13.1168	1.65331	1
cg14909213	0.267246	0.731994	-1.36613	2.37E-05	0.102634	-9.74336	2.39E-05	0.102888	-9.71928	0.0404101	0.527813	-1.89461	17.7598	20.4947	1.02577	1
cg15047223	0.0172466	0.312075	-3.20436	0.997218	0.998602	-1.0014	0.000682017	0.124534	-8.02991	0.00211676	0.17652	-5.66509	16.3395	41.6926	2.26812	1
cg13691259	0.0219328	0.883058	-1.13243	0.305503	1.04917	1.04917	0.802991	1.01137	1.01137	0.138302	0.930357	-1.07486	4.19405	0.135932	0.0288095	1
cg12748639	?	?	?	0.00208772	0.25114	-3.98185	0.0217389	0.415247	-2.4082	0.0476702	0.485521	-2.05964	6.41399	9.19108	1.43297	1
cg07209841	0.0920068	0.49142	-2.03492	0.0086192	0.2772	-3.6075	0.0982908	0.499313	-2.00275	?	?	?	5.36981	11.0911	2.06545	1
cg21148892	0.264557	0.69715	-1.43441	0.00796156	0.348045	-2.87319	0.00848444	0.352612	-2.83598	0.0461766	0.492276	-2.03138	4.0849	6.22666	1.35494	1
cg15654136	0.309804	0.740977	-1.34957	0.00131875	0.263686	-3.79239	0.00304023	0.314042	-3.18429	0.252257	0.710965	-1.40654	4.9715	6.40627	1.14542	1
cg23853484	0.000791372	0.442058	-2.26215	0.000229611	0.373431	-2.67787	0.0482639	0.695341	-1.43814	0.602657	0.918922	-1.08823	21.9435	9.00728	0.364867	1
cg13950603	0.770376	0.936724	-1.06755	0.217114	0.748242	-1.33647	0.0229294	1.83629	1.83629	0.377425	0.81687	-1.22418	17.0079	13.4362	0.702219	1
cg11056604	0.0247073	0.455822	-2.19384	2.18E-05	0.0815093	-12.2685	0.00331827	0.308894	-3.23736	0.0277314	0.465613	-2.14771	13.2268	18.0801	1.21505	1
cg04816348	0.0410592	1.77227	1.77227	0.213152	0.727415	-1.37473	0.0150482	2.06551	2.06551	0.451859	0.83022	-1.2045	7.78906	7.26944	0.82959	1
cg21278129	0.00982688	0.375741	-2.66141	0.00163327	0.258375	-3.87034	0.183506	0.654916	-1.52691	0.288637	0.718642	-1.39151	5.95824	8.4891	1.26646	1
cg05626117	0.623891	1.30436	1.30436	0.700188	0.812185	-1.23125	0.173258	0.458824	-2.17948	0.00434898	0.128915	-7.75705	5.1397	23.5301	4.06943	1
cg12768640	0.00434211	0.575659	-1.73714	0.0124304	0.637152	-1.56948	0.169644	0.808993	-1.23611	0.745755	1.04827	1.04827	4.98338	1.65692	0.295546	1
cg19283928	0.0886173	0.347913	-2.87428	0.0110464	0.166704	-5.99867	0.0305415	0.239648	-4.17279	0.440598	0.642719	-1.55589	4.10759	20.5528	4.44766	1
cg16626670	0.0421994	0.575002	-1.73912	0.83759	1.04973	1.04973	0.000750293	0.298493	-3.35016	0.395333	0.813969	-1.22855	11.5804	10.2539	0.787073	1
cg19001261	0.249356	0.715218	-1.39818	0.00138318	0.27502	-3.6361	0.0114307	0.414304	-2.41368	0.781167	1.08061	1.08061	5.92909	7.27769	1.09107	1
cg26004707	0.995249	0.997909	-1.0021	0.000613993	0.156504	-6.3896	0.0416528	0.437938	-2.28343	0.898005	0.955914	-1.04612	8.53226	16.7033	1.74014	1
cg09286599	0.0391091	0.2755	-3.62977	0.000688587	0.0609294	-16.4124	0.00129789	0.0796768	-12.5507	0.0123394	0.185954	-5.37767	7.5759	34.979	4.10413	1
cg24889914	0.0487631	0.368015	-2.71728	0.00868811	4.41688	4.41688	0.560679	1.29863	1.29863	0.892669	1.06179	1.06179	6.70486	20.9488	2.77727	1
cg23190402	0.994954	1.00054	1.00054	0.00166179	0.680028	-1.47053	0.608603	1.04526	1.04526	0.00988737	0.756259	-1.3223	5.70678	0.663943	0.103416	1
cg13544883	0.222408	0.753899	-1.32644	0.00487663	0.439496	-2.27533	0.0304191	0.570926	-1.75154	0.326108	0.799821	-1.25028	5.26152	4.04456	0.683295	1
cg18994062	0.728676	0.958486	-1.04331	0.0150615	1.43873	1.43873	0.0118444	0.682101	-1.46606	0.0883193	0.795356	-1.2573	4.87441	1.14447	0.208703	1
cg16715857	0.315305	0.61489	-1.62631	0.152731	0.488057	-2.04894	0.00679809	0.19347	-5.16877	0.163595	0.498406	-2.0064	4.4048	15.3039	3.08834	1
cg21227085	0.331386	0.801485	-1.24768	0.96949	0.99159	-1.00848	0.0466113	1.65391	1.65391	0.523603	0.866991	-1.15341	3.67163	2.83522	0.686397	1
cg01532771	0.00756849	0.409923	-2.43948	0.00917256	0.423649	-2.36045	0.529932	0.847753	-1.17959	0.00797963	0.413671	-2.41738	18.6407	19.8919	0.94855	1
cg00480077	0.000520115	0.223709	-4.4701	0.645914	1.13656	1.13656	0.000114114	0.153544	-6.51279	0.000219526	0.181922	-5.49687	14.9491	18.126	1.07779	1
cg07584894	0.390835	1.34471	1.34471	0.596497	0.835279	-1.1972	0.0101292	0.335316	-2.98226	0.00144879	0.212203	-4.71247	9.12759	16.4034	1.59744	1
cg12147572	0.429956	0.676095	-1.47908	0.0877121	0.400222	-2.49861	0.0111864	0.213401	-4.68601	0.00609442	0.175604	-5.69463	6.4685	24.1818	3.32302	1
cg18515510	0.0367373	0.220186	-4.54161	0.00254384	0.0734157	-13.6211	0.0107002	0.135247	-7.39389	0.0986067	0.323187	-3.09419	5.78532	35.6355	5.47524	1
cg11615959	0.0424269	0.101122	-9.88908	0.0057579	0.028779	-34.7476	0.00988982	0.0409346	-24.4292	0.0860194	0.155667	-6.42396	5.70056	86.794	13.5338	1
cg21372914	0.398527	0.701318	-1.42589	0.000599838	0.113819	-8.78587	0.00206028	0.168358	-5.93972	0.0154582	0.295382	-3.38545	6.47012	17.2647	2.37189	1
cg21308760	0.00369034	0.311642	-3.20881	0.750637	0.909622	-1.09936	0.00561393	0.339519	-2.94535	0.000346349	0.180845	-5.52959	17.9302	25.0663	1.24266	1
cg18463686	7.66E-05	0.43387	-2.30484	5.46E-06	0.301921	-3.31213	0.000125606	0.459223	-2.17759	3.46E-08	0.0996279	-10.0373	156.601	33.6675	0.191101	1
cg23892568	0.0324537	1.49266	1.49266	0.00146228	2.08576	2.08576	0.991619	0.998321	-1.00168	0.714254	0.942865	-1.0606	19.7109	7.9901	0.360324	1
cg26066361	0.0883406	0.500697	-1.99721	1.34E-05	0.035002	-28.5698	0.374278	0.714977	-1.39865	0.00128093	0.177755	-5.62573	15.8093	33.8864	1.90529	1
cg11650987	0.104363	0.543735	-1.83913	0.00707578	0.302872	-3.30172	0.526344	1.24649	1.24649	0.276749	0.678247	-1.47439	4.89126	9.12417	1.65814	1
cg19223467	0.0413052	0.872886	-1.14563	1.04E-05	1.72435	1.72435	0.0285697	0.861385	-1.16092	0.0103558	0.829834	-1.20506	19.2386	1.01655	0.0469682	1
cg17469479	0.075504	1.24592	1.24592	0.00018165	2.02116	2.02116	0.739154	0.963547	-1.03783	0.000429243	0.538342	-1.85755	16.0285	3.13484	0.173848	1
cg02930518	0.673442	1.0748	1.0748	0.00390327	1.93713	1.93713	0.900249	0.978884	-1.02157	0.00950381	0.5717	-1.74917	6.89886	3.16465	0.407752	1
cg26262442	0.695613	0.907134	-1.10237	0.0161831	2.07342	2.07342	0.53265	1.1696	1.1696	0.00591032	0.409573	-2.44157	3.48535	3.39173	0.865013	1
cg15411736	0.000151999	0.310457	-3.22105	0.00131825	0.431171	-2.31926	0.444032	1.15081	1.15081	0.0430501	0.657673	-1.52051	8.20017	4.20803	0.456146	1
cg20894963	0.528275	1.24583	1.24583	0.000488936	0.152676	-6.54982	0.673061	1.1572	1.1572	0.319997	0.702216	-1.42406	4.67041	8.7539	1.66607	1
cg02651961	0.289784	1.28593	1.28593	0.0389862	0.578716	-1.72796	0.315732	1.26798	1.26798	0.469115	0.844865	-1.18362	7.9989	6.63677	0.737521	1
cg05373723	0.103268	0.691143	-1.44688	0.0112791	0.517927	-1.93077	0.00448432	2.19348	2.19348	0.122417	1.41483	1.41483	4.87061	3.31481	0.604955	1
cg15207826	0.0198027	0.598509	-1.67082	0.0844356	0.705941	-1.41655	0.0172032	1.69823	1.69823	0.106566	0.725073	-1.37917	4.75398	2.50603	0.468571	1
cg25323711	0.812204	1.03091	1.03091	0.854365	0.97677	-1.02378	0.774839	0.963977	-1.03737	0.881118	0.981039	-1.01933	3.8367	0.994328	0.230366	1
cg10041232	0.000454491	0.303556	-3.29429	0.000230082	0.267134	-3.74343	0.341078	1.23579	1.23579	0.000171289	0.252021	-3.96792	16.7008	12.3181	0.655624	1
cg16587838	0.000396701	2.4311	2.4311	3.19E-05	3.58189	3.58189	0.0194389	1.56057	1.56057	0.962105	1.00751	1.00751	14.5586	5.72125	0.349316	1
cg03619586	0.00581208	0.388335	-2.5751	0.00359885	0.356247	-2.80704	0.0348889	0.525299	-1.90368	0.00870933	0.416745	-2.39955	13.868	15.0588	0.965214	1
cg13026137	0.47349	1.11947	1.11947	0.00115144	0.477368	-2.09482	0.206361	1.22915	1.22915	0.0449802	0.700367	-1.42782	10.7786	4.09058	0.337341	1
cg16730737	0.55019	0.871214	-1.14782	0.006588	0.447251	-2.23588	0.188979	1.37353	1.37353	0.0460065	0.593615	-1.68459	10.6051	8.73619	0.732239	1
cg12457415	0.000741891	3.13818	3.13818	0.00118664	2.89041	2.89041	0.00852914	2.11577	2.11577	0.0932286	1.51025	1.51025	9.87641	7.79754	0.701788	1
cg19474571	0.210899	0.715497	-1.39763	0.0176512	0.480434	-2.08145	0.246656	1.36025	1.36025	0.216862	0.718926	-1.39096	7.89681	8.0666	0.908001	1
cg01578324	0.00425216	2.25347	2.25347	0.000248636	3.61175	3.61175	0.280361	1.26909	1.26909	0.364043	1.21907	1.21907	7.39678	5.28319	0.634894	1
cg04627871	0.00561901	4.06629	4.06629	0.00250164	5.05588	5.05588	0.0285162	2.71086	2.71086	0.0421723	2.46757	2.46757	6.87884	16.2213	2.09613	1
cg23425079	0.0180958	2.01359	2.01359	0.000564388	3.68042	3.68042	0.796655	1.06498	1.06498	0.312701	1.28996	1.28996	6.28806	5.92014	0.836878	1
cg10914115	0.000908297	2.01038	2.01038	0.00211952	1.83678	1.83678	0.139048	1.25121	1.25121	0.0261604	1.4497	1.4497	5.76019	1.80722	0.278884	1
cg23175055	0.0103811	2.62306	2.62306	0.000671388	4.73209	4.73209	0.23422	1.45145	1.45145	0.146024	1.59403	1.59403	5.2804	7.46483	1.25661	1
cg12257344	0.514713	1.11394	1.11394	0.229145	1.22888	1.22888	0.42547	1.14216	1.14216	0.00680115	0.563982	-1.77311	4.77639	2.01778	0.37551	1
cg08985336	0.0174735	4.66167	4.66167	0.00424761	7.66144	7.66144	0.0491229	3.3041	3.3041	0.0281725	3.97204	3.97204	3.79031	16.9975	3.98618	1
cg13622821	0.449008	0.739254	-1.35272	0.0129396	0.298773	-3.34702	0.770486	0.891764	-1.12137	0.369292	0.696931	-1.43486	3.64051	8.84133	2.15875	1
cg12921375	?	?	?	0.0044258	14.1113	14.1113	0.018936	7.24656	7.24656	0.0288259	6.02791	6.02791	3.99758	27.332	6.83713	1
cg05157492	0.579983	0.923644	-1.08267	0.00193557	1.86503	1.86503	0.441035	1.11811	1.11811	0.241633	0.840167	-1.19024	8.78611	2.80957	0.284244	1
cg11093373	0.269662	1.3712	1.3712	0.882811	0.960301	-1.04134	0.159532	1.51107	1.51107	0.443954	0.807072	-1.23905	6.49877	7.76307	1.06182	1
cg18402034	0.0628471	0.530834	-1.88383	0.258495	1.42867	1.42867	0.40689	1.29269	1.29269	0.47668	0.803357	-1.24478	3.83191	5.55658	1.28896	1
cg03183094	0.107644	0.584067	-1.71213	0.00290886	0.285584	-3.5016	0.243062	0.687886	-1.45373	0.105126	0.581393	-1.72001	5.0716	7.53437	1.32053	1
cg09889532	0.0282026	0.201905	-4.95283	0.194937	0.428931	-2.33138	0.186178	0.420908	-2.37582	0.410005	0.594399	-1.68237	3.42322	20.6671	5.36652	1
cg03359503	0.0835657	0.528254	-1.89303	0.000695477	0.17833	-5.60759	0.00247651	0.24614	-4.06273	0.0245027	0.409487	-2.44208	10.3833	18.2593	1.56314	1
cg21248478	0.0309764	0.39112	-2.55676	0.000216956	0.101598	-9.84268	0.00744287	0.278742	-3.58754	0.00552354	0.258811	-3.86382	10.0211	21.8023	1.93389	1
cg08468443	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14233183	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04471485	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06204126	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14408173	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02189785	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17456471	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03100221	CLIC4	0.0225389	0.444413	1.33444	0.133444	1.0667239	0.19385	1.2.1985	0.972395	1.01279	1.01279	0.379958	0.139555	0.39555	0.00403606	0.239514	0.47512	0.0225151	0.159937	-2.77826	0.130816	0.546756	-1.82897	0.30301	1.94828	0.491403	1.29515	4.51624	0.79502	1.92788	1
cg20682390	CLIC4	0.029554	0.0907832	0.76139	-1.39638	0.979622	0.995434	-1.00459	0.0196809	0.603576	-1.65679	0.75508	0.945469	-1.07568	0.00240847	0.468848	2.13289	0.608732	0.911635	-1.09693	0.388778	1.17149	1.17149	0.58393	0.905648	-1.10418	0.0141842	0.58144	-1.71987	4.10861	2.08947	0.452053	1
cg25005374	CLIC4	0.0448181	0.324268	0.677499	-1.47602	0.0284564	2.68848	2.68848	0.384108	0.710831	-1.4068	0.969397	1.01478	1.01478	0.0359527	0.39329	-2.54266	0.547802	0.792451	-1.26191	0.0204416	0.343544	-2.91084	0.232247	1.6147	1.6147	0.0562235	0.437372	-2.28638	3.53088	8.18015	2.05913	1
cg26838747	CLIC4	0.045788	0.0576222	0.63793	-1.56751	0.0340417	0.595735	-1.6785	0.0122993	0.505615	-1.92081	0.306448	1.24817	1.24817	0.0425964	0.613397	-1.63101	0.5749	0.88813	-1.12596	0.0659955	0.649324	-1.54006	0.254926	1.38287	1.38287	0.0388221	0.830981	1.2034	3.50266	2.43158	0.617076	1
cg19857379	CLIC4	0.0487667	0.440843	0.723885	-1.38144	0.0204143	0.317033	-3.15424	0.0236195	0.329234	-3.03735	0.429778	0.71797	-1.39282	0.892125	0.945748	-1.05736	0.627464	0.817879	-1.22268	0.0921538	0.214273	0.24173	0.0311115	2.82947	2.82947	0.514957	0.762288	-1.31184	3.4204	9.15467	2.3791	1
cg03536861	CLIC4 /CLIC4-AS1	2.89E-05	7.23E-05	2.09856	2.08856	0.04298	0.787473	-1.26888	0.299792	0.895623	-1.11654	0.000516371	-1.74333	1.74333	0.725316	0.964217	-1.03751	0.00122445	0.615561	-1.62454	5.77E-06	2.84874	2.84874	0.0197436	1.33487	1.33487	0.00014847	1.9521	1.9521	80.755	5.12621	0.148159	1
cg23751866	CLIC5	0.00086536?	0.119968	0.575843	-1.73658	0.00710229	0.320488	-3.12024	0.00484775	0.294558	-3.39492	0.0264736	0.422817	-2.36509	0.000260456	0.140158	-7.13482	0.0149767	0.375808	-2.66093	4.45E-05	0.079646	-12.5556	0.0493883	0.480091	-2.08294	0.00836664	0.332087	-3.01126	12.2578	20.7821	1.50705	1
cg00092821	CLIC5	0.0496152	0.745912	0.15665	1.02895	0.0184161	0.799598	-1.25002	0.0961277	0.73474	1.37474	1.13749	0.0591715	1.20656	1.20656	0.0999378	1.13241	1.33241	0.746145	1.85882	0.0422951	0.813711	-1.22894	0.0263934	1.26135	1.26135	0.115687	1.42328	0.109159	1
cg04453374	CLIC5	0.00466439	0.0525087	0.60649	-1.64931	0.00663727	0.232744	-4.29657	0.0497327	0.601871	-1.66149	0.92092	0.977229	-1.02278	0.0229538	0.539525	-1.83548	0.0323395	0.566432	-1.76544	0.0150506	0.479293	-2.0284	0.0626424	0.645551	-2.24441	0.347454	0.80298	-1.24536	7.50441	6.11467	0.724276	1
cg14339765	CLIC5	0.0378116	0.210189	1.45054	1.45054	0.0233938	0.466309	-2.1445	0.104748	0.606895	-1.64773	0.101281	0.60327	-1.65763	0.750521	1.09401	1.09401	0.170505	0.662908	-1.5085	0.00403852	0.337007	-2.9673	0.81937	0.937607	-1.06555	0.0640193	0.556394	-1.79729	3.75996	4.72432	1.11687	1
cg13787855	CLIC5	0.047418	0.135367	0.737204	-1.35657	-2.65008	0.104704	0.10583	0.14168	0.39475	0.888835	-1.69539	0.673996	0.729255	1.37955	1.37955	0.0466578	0.0407255	0.733537	-2.45607	0.0159944	0.444	-2.25605	0.0159944	0.427218	-2.34042	0.0341465	0.223754	-4.4692	3.45686	20.8726	6.16399	1
cg19302441	CLIC5/CLIC5	0.0448181	0.831287	-1.20295	3.23E-05	1.60423	0.500907	0.878089	-1.13884	0.0082708	1.34225	1.34225	0.40E-08	0.325607	3.07118	0.0660276	0.886436	-1.12811	0.00291788	0.78737	-1.27005	4.99E-05	0.6408	1.56035	0.655484	1.0266	1.0266	68.228	3.69217	0.0481023	1
cg14494607	CLIC5/CLIC5	1.74E-05	0.00371234	1.59227	1.50227	0.00886565	0.59624	-1.67718	3.55E-05	0.436728	2.39975	0.9198	0.989599	-1.01051	0.0495775	0.792481	-1.26186	0.0227924	0.762392	1.30994	1.67E-05	0.287035	-3.48588	0.0619827	0.803987	-1.2438	1.62E-05	0.997703	-2.51444	30.1515	6.00041	0.153735	1
cg18554639	CLIC5/CLIC5	3.88E-05	0.0539029	0.713715	-1.4012	0.0131391	0.677161	-1.47675	0.0116669	0.615225	-1.62542	0.296126	0.862232	-1.18171	9.78E-07	0.137242	-7.28638	0.0409561	0.695536	-1.42952	9.17E-06	0.228027	-4.38545	0.476206	0.89436	-1.11812	0.0315205	0.681972	-1.46634	28.4576	10.7053	0.334387	1
cg26340376	CLIC5/CLIC5	0.00017089?	0.259291	0.891957	-1.12113	0.120257	0.848963	-1.17791	0.00021795	0.549348	-1.82034	1.07E-05	0.401508	-2.49061	0.00055777	0.594419	-1.68232	0.278882	0.896387	-1.11559	0.00722099	0.140038	1.40038	0.331287	0.907205	-1.10229	0.871551	1.05185	0.791703	2.86584	0.132884	1
cg24275273	CLIC5/CLIC5	0.0119977	0.494914	1.15826	1.03235704	0.42717	-2.45597	0.478003	0.2.1985	0.972395	1.01279	1.01279	0.379958	0.139555	0.39555	0.00403606	0.239514	0.47512	0.0202672	0.402424	-2.39855	0.739541	1.07329	1.07329	0.147027	0.778196	1.93083	0.088616	0.663414	-1.50798	11.1724	7.95175	0.63265	1
cg17417193	CLIC5/CLIC5	0.0023661	0.00405824	0.694493	-1.4399	0.123073	1.171	1.171	0.219954	1.12962	1.12962	0.0224162	0.772223	-1.29496	0.007311 08	0.721216	-1.38655	0.764943	0.972063	-1.02874	0.000550827	0.60236	-1.66014	0.0303333	1.27198	1.27198	0.173286	1.14674	1.14674	9.45779	1.3375	0.125704	1
cg20638683	CLIC5/CLIC5	0.0025397	0.0262864	0.49212	-2.03203	0.0040301	2.12727	2.12727	0.67112	1.12174	1.12174	0.937258	0.979048	-1.0214	0.0479398	0.542533	-1.84324	0.965843	0.988545	-1.01159	0.000607022	0.381559	-2.6222	0.000731669	3.97809	3.97809	0.19833	0.68177	-1.46677	8.99022	10.3065	1.01903	1
cg21685808	CLIC5/CLIC5	0.0094234	0.0442091	0.545567	-1.83295	0.0145307	0.325	1.225	0.660491	-1.16967	-1.16947	0.805027	1.01398	1.01398	0.299451	1.02467	2.24825	0.264805	0.736818	-1.3586	0.00742698	0.402783	-2.48274	0.0100381	5.68407	5.68407	0.0567405	0.858607	-1.16468	8.52277	9.38819	0.979148	1
cg01330316	CLIC5/CLIC5	0.0111369	0.970978	0.991173	-1.00891	0.0912988	1.57337	1.57337	0.338919	0.786447	-1.27154	0.00364407	0.383456	-2.60786	0.000838884	0.293912	-3.40238	0.839478	0.951773	-1.05067	0.791457	1.06672	1.06672	0.979343	0.99371	-1.00633	0.0798994	0.622756	-1.60576	5.70971	5.37103	0.836164	1
cg19787654	CLIC5/CLIC5	0.0142505	0.0631747	0.550068	-1.81802	0.0248006	0.192565	-1.45299	0.0410288	0.599554	-1.66788	0.0238288	0.299964	-3.33374	0.479553	0.88041	-1.13609	0.0505015	0.329112	-3.03846	0.109707	0.559442	-1.78809	0.0514798	1.95082	1.94144	0.0817689	0.514067	-1.78305	3.26796	7.49157	1.36071	1
cg00424237	CLIC5/CLIC5	0.031029	0.444143	0.82067	-1.21852	0.432319	1.22509	1.225009	0.974963	1.00798	1.00798	0.438734	1.2215	1.2215	0.693209	0.904432	-1.10567	0.0131341	0.661882	-1.51084	0.0644225	0.559656	-1.68408	0.00186077	3.06049	3.06049	0.155109	0.680149	-1.47027	4.03808	4.1045	0.903509	1
cg12449162	CLIC5/CLIC5,CLIC5	0.0153682	0.552692	1.1175	1.43977	0.196575	0.961625	-1.04155	0.0111264	0.655262	1.30241	1.0078256	0.0991111	1.01562	0.0023442	0.458484	2.17272	0.0422321	0.49483	-2.02126	0.0706994	0.636097	-1.57209	0.0874595	1.89481	1.89481	0.0348038	1.12224	1.14299	4.4422	0.0256802	0.871	1
cg15295166	CLIC6	0.0001641	0.619605	1.0697	1.0697	0.0227231	0.69272	-1.44358	0.00037996	2.14734	2.14734	0.409609	1.12023	1.12023	0.000189294	0.42852	2.33361	0.0428231	0.730626	1.36869	0.0458826	1.36084	1.36084	0.0105916	1.54158	1.54158	0.205281	1.19712	1.19712	1.49737	1.87378	0.255182	1
cg24523685	CLIC6	0.0009046572	0.00208154	1.138537	-1.21831	0.00029522	0.0853701	-11.7274	0.00188533	0.134021	-7.46154	0.00297585	0.156167	-6.4034	0.00499773	0.183666	5.44667	0.00451608	0.177994	5.62089	0.00250144	0.398402	2.50995	0.00045112	2.21587	2.21587	0.0001245	4.74252	1.95191	39.3868	2.92951	1
cg08302532	CLIC6	0.0009302?	0.4646122	1.15826	1.03235704	0.42717	-2.45597	0.478003	0.2.1985	0.972395	1.01279	1.01279	0.379958	0.139555	0.39555	0.00403606	0.239514	0.47512	0.0054244	0.746708	1.33877	1.33877	0.0048716	1.34705	1.34705	0.0378899	0.0747472	0.63987	-1.56284	0.0106364	0.6496922	1
cg13730618	CLIC6	0.0423454	0.4458839	1.14397	1.14397	0.292994	1.328	1.328	0.512214	1.12193	1.12193	0.464359	0.87907	-1.13757	0.182897	0.783005	-1.27713	0.0322612	0.647924	1.54339	0.0593312	1.44548	1.44548	0.0792038	1.40114	1.40114	0.0297715	0.642329	-1.55684	3.60635	1.73096	0.421715	1
cg04125350	CLIC6	0.0423975	0.240807	1.13099	1.23299	0.0238366	0.387755	1.78755	0.0643431	1.62711	1.62711	0.0618358	0.566111	1.76681	0.0161964	0.511356	1.95564	0.474562	0.85634	1.16778	0.179021	0.97187	1.02917	0.96407	1.03761	1.03761	0.881888	1.5104	1.5104	0.662	2.69753	0.640529	1
cg16057826	CLIC6	0.0458515	0.040265	1.39898	0.39898	0.361015	0.70575	-1.95075	0.319238	2.08026	2.08026	0.357899	1.95975	1.95975	0.0135039	0.1028	2.1028	0.440071	0.571022	-1.75125	0.0424971	0.978	19.877	0.478315	1.07024	1.67024	0.0855228	1.86735	1.86735	3.50484	28.0776	7.12912	1
cg01085771	CLINT1	4.91E-05	0.100889	0.763318	-1.31007	0.00169229	0.509528	-1.9626	0.0001059	0.357409	-2.79791	0.0714172	0.758864	-1.35343	1.74E-06	0.165814	-6.03086	0.000174613	0.383912	-2.60471	0.000100484	0.354655	-2.81964	0.0193878	0.653806	-1.5295	0.040399	0.700565	-1.42742	26.7545	9.57411	0.318089	1
cg00196096	CLINT1	7.88E-05	2.59E-05	3.158114	3.158114	0.0009547	0.169352	-1.9932	0.0047145	0.501958	-1.99252	0.0047145	0.501958	-1.99252	0.0047145	0.501958	-1.99252	0.0280595	0.726313	-1.3768	0.0021582	0.425	-2.35294	0.0021582	1.20163	1.20163	0.00848704	0.509772	1.96166	23.592	6.74157	1.26071	1
cg01829672	CLINT1	0.000115999	0.00123865	0.473646	-2.11128	0.00221461	0.97139	-1.97139	0.0553484	0.4103	1.4103	0.0103133	0.598437	-1.67102	0.969146	0.993886	1.00614	0.007115 14	0.57676	-1.73382	0.0046563	0.643848	0.43428	-2.3899	8.19E-05	3.07625	3.07625	0.00313523	0.527662	-1.89515	0.277	8.44372	0.352741	1
cg16582194	CLINT1	0.0003528	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg17547295	CLINT1	0.00360541	0.159748	0.562351	-1.77825	0.000349993	0.04374	0.04374	0.00918509	3.55183	3.55183	0.282706	1.53375	1.53375	0.206226	1.5999 67	1.66676	0.849708	0.929891	-1.07539	0.398791	0.718199	-1.39237	0.00444859	4.28034	4.28034	0.235088	0.620737	-1.61099	8.10149	18.8385	2.06695	1
cg16141228	CLINT1	0.00779123	0.953826	0.949162	-1.00516	0.489412	1.06447	1.06447	0.76487	1.06711	1.06711	0.159239	1.14321	1.14321	0.730222	0.969673	-1.03128	0.142539	0.869153	-1.15055	0.031668	0.798379	-1.25254	0.00400681	0.708903	-1.41063	0.000616146	0.625581	-1.59851	6.39771	0.801936	0.11143	1
cg08988321	CLINT1	0.013183	0.00694064	0.7	1.42857	0.0138	0.284	3.52113	0.0146416	0.640401	1.28455	-1.33506	0.0619897	1.41713	0.0499111	0.615362	1.62482	0.0044122	0.49483	-2.02126	0.0706994	0.636097	-1.57209	0.0874595	1.89481	1.89481	0.0348038	1.12224	1.14299	4.4422	0.0256802	0.871	1
cg06026425	CLINT1	0.0170426	0.0731365	0.104806	-9.54142	0.0594066	0.24959	-4.00658	0.194793	0.408806	-2.44651	0.031681	0.193434	-5.16972	0.0154657	0.144055	6.94181	0.042831	0.730626	1.36869	0.0458826	1.36084	1.36084	0.0105916	1.54158	1.54158	0.205281	1.19712	1.19712	1.49737	1.87378	0.255182	1
cg18879398	CLIP1;CLIP1	0.0001	0.0042762	0.56826	-1.75862	0.568026	0.1518	-4.3163	2.05E-05	0.291169	-3.411	0.768817	0.958844	-1.04292	0.0172145	0.71448	-5.71313	0.0057023	0.758613	-1.3904	0.0004406	0.317	-3.15457	0.0004406	1.74208	1.74208	0.0179276	0.159829	-6.63003	0.173571	2.39638	2.38638	0.511	0.52925	1
cg27524422	CLIP1;CLIP1	0.00011569	0.547718	1.11404	1.11404	0.0231693	0.611911	0.226957	1.25254	1.25254	0.00025188	4	0.305654	-3.27167	0.0190846	0.604353	1.65466	0.00125694	0.43423	2.30722	0.00270558	0.346424	-2.88664	0.00179051	3.08453	3.08453	0.00986365	0.560522	-1.78444	21.2927	10.6261	0.443601	1
cg08914926	CLIP1;CLIP1	0.00980218	0.0242108	0.277196	-3.60755	0.015013	0.429366	-2.32901	0.2038	0.527066	-1.8973	0.00359799	0.152246	-6.56831	0.000439341	0.0705442	-14.1755	0.0042087	0.16038	-6.2352	0.00693396	0.188566	-5.30319	0.478382	1.40178	1.41078	0.0136325	0.232919	-4.29334	7.97329	28.7916	3.20978	1
cg00579599	CLIP1;CLIP1	0.0023663	0.0160664	0.706249	-1.41577	0.0156862	0.1518	-4.3163	2.05E-05	0.291169	-3.411	0.768817	0.958844	-1.04292	0.0172145	0.71448	-5.71313	0.0061764	0.12449	-8.03159	0.0027405	0.127	-7.87402	0.0027405	1.10468	1.10468	0.0024561	1.84695	0.541	0.28245	3.55225	1.15108	0.642129	1
cg00483526	CLIP1;CLIP1	0.0078979	0.038773	0.762213	-1.31197	0.324103	0.12249	0.12249	0.0002	0.641123	-1.55976	0.607821	0.792340	-1.26223	0.10002	0.81506	1.2269	0.218002	0.863263	-1.1584	0.078475	0.801075	-1.42382	0.0178005	0.73025	0.73025	0.0086365	0.560522	-1.78444	21.2927	10.6261	0.443601	1
cg00397516	CLIP1;CLIP1	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg24467291	CLIP1;CLIP1	0.0127888	0.39072	0.847208	-1.18035	0.64465	1.09151	1.09151	0.253246	1.25228	1.25228	0.0465797	1.53677	1.53677	0.864529	0.968318	-1.03272	0.961764	0.995154	-1.00487	0.240922	0.882858	-1.13268	0.792961	1.84695	1.84695	0.0024561	1.14396	1.14396	0.0035	1.44395	1
cg00483526	CLIP1;CLIP1	0.0078979	0.038773	0.762213	-1.31197	0.324103	0.12249	0.12249	0.0002	0.641123	-1.55976	0.607821	0.792340	-1.26223	0.10002	0.81506	1.2269	0.218002	0.863263	-1.1584	0.078475	0.801075	-1.42382	0.0178005	0.73025	0.73025	0.0086365	0.560522	-1.9002	6.36961	1.29883	0.181253	1
cg00397516	CLIP1;CLIP1	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg24467291	CLIP1;CLIP1	0.0127888	0.39072	0.847208	-1.18035	0.64465	1.09151	1.09151	0.253246	1.25228	1.25228	0.0465797	1.53677	1.53677	0.864529	0.968318	-1.03272	0.961764	0.995154	-1.00487	0.240922	0.882858	-1.13268	0.792961	1.84695	1.84695	0.0024561	1.14396	1.14396	0.0035	1.44395	1
cg01115444	CLIP1;CLIP1	0.0166599	0.306912	0.77344	1.29325	0.0133466	0.474151	-2.10904	0.68811	1.10007	1.10007	0.180317	1.40069	1.40069	0.0115966	0.681917	-1.46647	0.0088	0.0000565	1.43956	1.33356	1.33356	1.33356	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	1
cg19198474	CLIP1;CLIP1	0.0448181	0.007027	0.672586	-1.48724	0.04141	0.918459	-1.08878	0.176746	0.90185	-1.10883	0.736586	0.962278	-1.0392	0.118177	0.824302	-1.2135	0.2188331	0.723196	-1.38275	0.582259	0.938684	-1.06532	0.0206582	0.72803	-1.37357	0.0090994	1.45855	1.45855	1.03232	1.02771	0.12862	1
ch.12.25719609	CLIP1;CLIP1	0.0331977	0.0149687	0.130276	-7.67601	0.579276	0.779297	-1.28321	0.134058	0.487031	-2.05326	0.350325	0.651794	-1.53423	0.0526231	0.374928	-2.66718	0.419162	0.692438	-1.44417	0.0105247	0.238551	-4.19197	0.201683	0.548648	-1.82266	0.0664677	0.399967	-2.50021	3.94159	12.3757	2.7909	1
cg24956484	CLIP1;CLIP1	0.0442681	0.0499917	0.324386	-3.08161	0.209963	0.193154	-5.17813	0.0131003	0.199352	-5.01745	0.0131003	0.199352	-5.01745	0.0131003	0.199352	-5.01745	0.0724047	0.13826	-7.23316	0.0014862	0.154346	-6.47859	0.0014862	1.13576	1.13576	0.0157166	0.538359	-1.85763	0.0914514	0.980168	0.0214857	0.881668	0.0214857	0.881668	1
cg16434674	CLIP1;CLIP1	0.0426772	0.078968	2.01896	2.018896	0.6842766	1.1648	1.1648	0.00815529	0.282661	-3.53781	0.733075	0.880087	-1.13625	0.64639	0.841667	-1.18812	0.992661	1.00344	1.00344	0.130806	0.544	-1.83824	0.0144097	3.08135	3.08135	0.755162	1.12381	1.12381	1.59591	7.92965	1.96016	1
cg25650978	CLIP2;CLIP2	7.31E-06	5.52E-06	2.37206	2.372206	0.00058253	1.70308	1.70308	0.00014822	1.77314	1.77314	0.402945	0.990512	-1.07648	0.018555	1.27153	1.71986	2.626975	8.21E-06	2.82684	2.82684	0.0002520?	1.66162	2.4205	0.0002520?	1.66162	2.4205	0.0002520?	1.66162	2.4205	0.0002520?	1.66162	2.4205	1
cg15760123	CLIP2;CLIP2	1.04E-05	1.83E-06	2.121189	2.121189	0.1454648	1.82649	-1.21257	0.000312124	0.894099	-2.02389	0.0476583	1.32217	1.32217	0.0264 67	0.200719	-4.9821	0.00499933	0.625714	-1.59817	0.0235784	0.7165	-1.39567	0.000282202	0.440444	-2.07881	0.484816	0.916188	-1.09148	4.4327	1.66426	0.140151	1
cg01167080	CLIP2;CLIP2	0.0018094?	0.485946	1.26563	1.265 63	0.470148	0.781481	-1.27962	0.512653	1.24961	1.24961	0.41398	0.755596	-1.32346	0.769818	1.10348	1.10348	3.39E-05	0.067576	14.8088	7	7	7	0.147659	1.68423	1.68423	0.502173	1.25679	1.25679	10.0123	15.8738	1.58542	1
cg00991937	CLIP2;CLIP2	0.0066726	0.76087	1.19246	1.19246	0.0312	0.781481	-1.27962	0.512653	1.24961	1.24961	0.41398	0.755596	-1.32346	0.769818	1.10348	1.10348	0.736212	1.0156	1.01556	0.0070579	1.60695	1.60695	0.0070579	1.60695	1.60695	0.0070579	1.60695	1.60695	0.0070579	1.60695	1.60695	0.0070579	1.60695	1.60695	1
cg17791427	CLIP2;CLIP2	0.00970694	0.682917	1.19478	1.19478	0.847019	0.919714	-1.08729	0.334016	1.53995	1.53995	0.473691	1.37129	1.37129	0.358228	1.50589	1.50589	0.36406	1.49806	1.49806	0.000158788	0.0609307	-16.4121	0.399204	0.68799	-1.45351	0.516837	0.752171	-1.32949	5.96705	17.7443	2.64331	1
cg04130498	CLIP2;CLIP2	0.0448181	0.273193	0.502411	-1.9904	0.0221403	0.1508	1.1508	0.0451114	0.4055	1.4055	0.200125	1.26357	1.26357	0.347944	1.79196	1.79196	0.16232	0.24081	4.1528	0.0014861	0.240281	4.16091	0.0014861	0.507801	-1.96927	0.0119976	0.159829	-6.63003	0.173571	2.39638	2.38638	0.511	0.52925	1
cg09383187	CLIP2;CLIP2	0.013527	0.0277446	0.59407	-1.59407	0.0306228	0.23148	4.23148	0.0489157	2.27938	2.27938	0.0231894	2.70319	2.70319	0.293345	2.49092	2.49092	0.209559	0.62466	1.62346	0.106177	1.90883	1.90883	0.00865151	6.246	6.246	0.122625	1.84586	1.84586	5.36001	11.3962	1.88992	1
cg07814763	CLIP2;CLIP2	0.0204447	0.0454581	0.523849	-1.90895	0.745129	0.912175	-1.09628	0.00949129	0.396075	-2.52477	0.543251	0.840792	-1.18935	0.00534813	0.355604	-2.81212	0.558795	0.882286	-1.13342	0.045707	0.52435	-1.90712	0.04022272	1.95024	1.95024	0.125569	0.626765	-1.5955	4.6695	5.87369	1.11812	1
cg27833862	CLIP2;CLIP2	0.0102604	0.0172662	0.37654	-2.65519	0.0133466	0.474151	-2.10904	0.68811	1.10007	1.10007	0.180317	1.40069	1.40069	0.0115966	0.681917	-1.46647	0.0088	0.0000565	1.43956	1.33356	1.33356	1.33356	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	0.0000565	1
cg29330095	CLIP2;CLIP2	0.0235086	0.248513	0.517321	-1.93317	0.000695749	0.091786	-16.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09155645	CLN6	0.0105698	0.0101335	0.368047	-2.71705	0.0279028	0.44904	-2.22697	0.288553	0.712107	-1.40428	0.407641	1.29826	1.29826	0.00455559	0.312118	-3.20392	0.0300402	0.455468	-2.19555	0.0139446	0.392236	-2.54949	0.669039	1.1417	1.1417	0.00435519	0.309154	-3.23464	5.80657	8.73351	1.33695	1
cg22576950	CLN6	0.0155702	0.00119448	0.168232	-5.94416	0.637699	0.836911	-1.19487	0.0468369	0.425651	-2.34934	0.761116	1.12125	1.12125	0.00707585	0.270815	-3.69256	0.187419	0.591908	-1.68945	0.028543	0.379146	-2.63751	0.0615469	0.453638	-2.2044	0.0313353	0.387531	-2.58044	5.11707	11.4173	1.9833	1
cg22054756	CLN6	0.0157299	0.0463928	0.562748	-1.77699	0.601724	0.875732	-1.1419	0.234068	1.36936	1.36936	0.514703	0.846636	-1.18114	0.0954161	0.630261	-1.58664	0.298589	1.31193	1.31193	0.00139775	0.311462	-3.21066	0.0176283	0.483082	-2.07004	0.212075	1.39268	1.39268	5.09977	5.12864	0.893921	1
cg17095910	CLN6	0.0242261	0.589774	0.889773	-1.12388	0.118443	1.43862	1.43862	0.265179	0.779463	-1.28293	0.20696	0.751594	-1.33051	0.100883	0.680095	-1.47038	0.0540269	1.59877	1.59877	0.00748027	2.09345	2.09345	0.0159334	1.88384	1.88384	0.348371	1.23017	1.23017	4.40507	3.2118	0.648102	1
cg09099177	CLN6;CALML4;CALML4	0.00169791	0.581036	0.929492	-1.07586	0.000295481	0.461542	-2.16665	0.849098	0.975323	-1.0253	0.999187	0.999866	-1.00013	0.15674	0.819808	-1.2198	0.00314437	0.588892	-1.6981	0.337701	1.13843	1.13843	0.599275	1.07203	1.07203	0.000223881	0.446824	-2.23802	10.1114	2.75552	0.242237	1
cg19198358	CLN8	0.000125695	0.829439	0.976961	-1.02358	0.955543	0.993995	-1.00604	0.13903	0.841942	-1.18773	0.00873885	0.69703	-1.43466	2.33E-06	0.28845	-3.4668	0.000351674	0.537687	-1.85982	0.530238	1.07111	1.07111	0.508995	1.07507	1.07507	0.00692412	0.685506	-1.45878	20.8242	3.85005	0.164341	1
cg11948688	CLN8	0.000335587	0.00719931	0.577595	-1.73132	0.0676536	1.38253	1.38253	0.00813508	1.70925	1.70925	0.0437655	0.692988	-1.44303	0.720136	1.05858	1.05858	1.67E-05	0.246589	-4.05533	0.155846	1.27158	1.27158	0.277066	1.19587	1.19587	0.0257638	1.52044	1.52044	15.9524	6.32569	0.352476	1
cg08410878	CLN8	0.00315888	0.177661	0.866551	-1.154	0.372612	1.09584	1.09584	0.558168	1.061	1.061	0.650353	1.04668	1.04668	0.420221	1.08582	1.08582	0.0177395	0.749542	-1.33415	0.000173886	1.89113	1.89113	0.011815	0.730277	-1.36934	0.215812	1.13911	1.13911	8.42785	1.33441	0.140741	1
cg20915447	CLN8	0.00367233	0.0351894	1.54534	1.54534	0.58212	1.10362	1.10362	0.0279352	0.630785	-1.58533	0.0132305	1.72422	1.72422	0.87263	1.02887	1.02887	0.174089	1.29242	1.29242	0.000285511	0.349572	-2.86064	0.808065	1.04412	1.04412	0.211633	0.791801	-1.26294	8.05693	4.01614	0.443085	1
cg17927889	CLN8	0.00403409	0.44596	1.14068	1.14068	0.687636	0.933813	-1.07088	0.328513	1.18634	1.18634	0.496918	0.88971	-1.12396	0.00331516	1.96916	1.96916	0.843671	1.03402	1.03402	9.03E-05	3.27518	3.27518	0.101606	1.35481	1.35481	0.603382	1.09287	1.09287	7.83243	3.56086	0.404116	1
cg26975524	CLN8	0.0145279	0.180661	1.74393	1.74393	0.00254686	5.14529	5.14529	0.0817064	2.12723	2.12723	0.00220955	5.35624	5.35624	0.109436	0.505182	-1.97948	0.0758115	2.16655	2.16655	0.697145	1.16534	1.16534	0.123587	1.92044	1.92044	0.451361	1.35016	1.35016	5.23569	12.6928	2.15492	1
cg23284292	CLN8	0.0173332	0.577444	1.11162	1.11162	0.0340579	0.62808	-1.59215	0.00622434	0.511452	-1.95522	0.443031	0.863253	-1.15841	0.175743	1.31086	1.31086	0.0114636	0.551703	-1.81257	0.120414	1.37261	1.37261	0.959009	0.990383	-1.00971	0.0746713	1.45254	1.45254	4.9373	2.76417	0.497648	1
cg23833896	CLN8	0.0265133	0.0113088	0.265513	-3.76629	0.00102242	0.130623	-7.65565	0.1334	0.508243	-1.96756	0.345966	0.66648	-1.50042	0.134354	0.509217	-1.9638	0.326718	0.654896	-1.52696	0.035162	0.358506	-2.78935	0.0772094	0.439845	-2.27353	0.260797	0.612446	-1.6328	4.26879	11.8153	2.46031	1
cg02118755	CLN8	0.0391637	0.0481263	1.82425	1.82425	0.187513	0.689521	-1.45028	0.761078	1.08455	1.08455	0.809151	0.937631	-1.06652	0.00524521	0.37533	-2.66432	0.893029	0.964826	-1.03646	0.0626655	0.572628	-1.74633	0.0854057	1.6588	1.6588	0.973084	0.991061	-1.00902	3.71187	4.16418	0.997204	1
cg26184856	CLN8;CLN8	0.0129598	0.0124508	0.666024	-1.50145	0.0535949	1.33171	1.33171	0.505294	1.09236	1.09236	0.719087	0.953893	-1.04834	0.436785	0.901517	-1.10924	0.0362059	1.3748	1.3748	0.00407437	0.604192	-1.6551	0.0848118	1.28285	1.28285	0.283408	1.1568	1.1568	5.43564	1.47038	0.240451	1
cg17677988	CLNK	0.000736149	0.00027996	0.521322	-1.9182	0.0641302	0.796067	-1.25618	0.000845564	0.576883	-1.73345	0.926457	1.01017	1.01017	9.89E-05	0.468726	-2.13344	0.342781	1.1131	1.1131	0.273639	0.882594	-1.13302	0.0777001	0.80658	-1.2398	0.00294832	0.639201	-1.56445	12.8285	2.44183	0.169195	1
cg00026290	CLNK	0.0014051	0.0494126	0.621692	-1.60851	0.839152	0.957835	-1.04402	0.041731	0.608018	-1.64469	0.00578643	0.464711	-2.15187	4.26E-05	0.1922	-5.20291	0.640928	0.905231	-1.10469	0.130895	0.707696	-1.41304	0.177685	1.35477	1.35477	0.00307448	0.423582	-2.36082	10.6784	7.59848	0.632513	1
cg12232903	CLNK	0.00159346	0.777279	0.925011	-1.08107	0.0354526	0.510143	-1.96023	0.307915	0.748196	-1.33655	0.000166179	0.171495	-5.83106	0.00476372	0.356964	-2.80141	0.490507	1.21229	1.21229	0.0312404	2.00316	2.00316	0.143924	1.53963	1.53963	0.0031408	0.329634	-3.03366	10.2986	12.3229	1.06361	1
cg20143111	CLNK	0.00260904	0.000182715	0.170515	-5.86459	0.00562203	0.361934	-2.76293	0.003846	0.336505	-2.97172	0.00551975	0.360677	-2.77256	0.00620623	0.368748	-2.71188	0.0962076	0.600053	-1.66652	0.0500207	0.535349	-1.86794	0.733981	0.909036	-1.10007	0.00896507	0.394833	-2.53272	8.91916	11.0426	1.10051	1
cg05582979	CLNK	0.0308868	0.84987	0.919913	-1.08706	0.0273628	0.316669	-3.15787	0.701405	0.843906	-1.18497	0.0163566	0.27447	-3.64339	0.00226389	0.152303	-6.56588	0.237454	0.579728	-1.72495	0.211085	0.559651	-1.78683	0.553769	1.30195	1.30195	0.0470476	0.367422	-2.72167	4.0447	12.4314	2.73199	1
cg03254067	CLNK	0.0434804	0.017151	0.118538	-8.43614	0.0109117	0.0957667	-10.442	0.0647087	0.218008	-4.58699	0.0985439	0.264483	-3.78097	0.00844244	0.0846575	-11.8123	0.186396	0.357586	-2.79653	0.0498911	0.193619	-5.16477	0.206785	0.376252	-2.65779	0.086429	0.248941	-4.01701	3.57105	30.483	7.58767	1
cg15593809	CLNS1A	0.02057	0.133776	0.610984	-1.6367	0.0462871	2.00479	2.00479	0.00427337	3.20448	3.20448	0.0194465	2.36483	2.36483	0.345758	0.743911	-1.34425	0.0130981	2.55362	2.55362	0.37623	1.31871	1.31871	0.413187	1.2903	1.2903	0.983285	0.993638	-1.0064	4.65979	6.85015	1.30672	1
cg02939090	CLNS1A	0.0210949	0.0190404	1.93433	1.93433	0.270488	1.30563	1.30563	0.0479442	1.69142	1.69142	0.0976883	1.52556	1.52556	0.120484	1.47913	1.47913	0.00990803	2.13256	2.13256	0.131488	0.684916	-1.46003	0.0651122	0.61794	-1.61828	0.363966	0.805053	-1.24215	4.61991	3.95308	0.760588	1
cg02714476	CLNS1A	0.0226147	0.0187248	0.534713	-1.87016	0.644016	0.902808	-1.10766	0.0370075	0.587318	-1.70265	0.0908497	0.664108	-1.50578	0.00142452	0.36276	-2.75664	0.0221032	0.547165	-1.8276	0.920792	0.978382	-1.0221	0.976411	1.00652	1.00652	0.077203	0.649393	-1.5399	4.51102	3.44949	0.679715	1
cg11460003	CLNS1A	0.0238347	0.664559	0.878794	-1.13792	0.479471	1.23726	1.23726	0.0648296	1.848	1.848	0.9752	0.990836	-1.00925	0.000921874	0.230874	-4.33137	0.404593	0.776818	-1.2873	0.0946728	1.72284	1.72284	0.746563	1.10079	1.10079	0.810573	1.0737	1.0737	4.42999	6.15328	1.23467	1
cg26577973	CLNS1A	0.0425099	0.905974	0.975288	-1.02534	0.00257413	0.41271	-2.42301	0.128285	0.705995	-1.41644	0.66701	0.912413	-1.096	0.0124302	0.517479	-1.93244	0.76677	1.06501	1.06501	0.27283	1.27339	1.27339	0.681959	0.916444	-1.09117	0.654138	0.908921	-1.10021	3.60116	2.55764	0.631312	1
cg20783722	CLNS1A	0.0471556	0.0545346	0.429939	-2.32591	0.222014	0.608531	-1.6433	0.546388	0.789595	-1.26647	0.0205277	2.94493	2.94493	0.384056	0.707932	-1.41257	0.105719	0.504641	-1.98161	0.01697	0.324082	-3.08564	0.122612	0.523383	-1.91065	0.169179	0.567308	-1.76271	3.4641	8.21695	2.10847	1
cg12195102	CLNS1A;CLNS1A	0.000111981	0.942527	1.02401	1.02401	0.486074	1.26232	1.26232	1.45E-06	0.0178002	-56.1792	0.0052603	0.29784	-3.35751	0.0245725	0.414243	-2.41404	0.382602	0.744756	-1.34272	0.695908	1.13801	1.13801	0.149019	1.66416	1.66416	0.173119	1.6114	1.6114	21.4798	36.8511	1.52499	1
cg02901159	CLNS1A;CLNS1A	0.00418811	0.0342013	0.807232	-1.2388	0.0115211	1.31502	1.31502	0.0144003	1.29874	1.29874	0.197215	0.888574	-1.1254	0.00130394	0.66649	-1.5004	0.0170025	0.777083	-1.28686	0.13895	0.871075	-1.14801	0.344419	1.08806	1.08806	0.600136	0.955197	-1.0469	7.74434	0.921135	0.105727	1
cg25181236	CLOCK	0.000172382	0.00940319	0.314235	-3.18233	0.00222162	0.221613	-4.51236	0.00047655	0.145378	-6.87861	0.0316964	2.42418	2.42418	0.000445458	0.142512	-7.01696	0.0102608	0.320603	-3.11912	1.67E-05	0.0445708	-22.4362	0.311116	1.4455	1.4455	0.00987242	0.317776	-3.14687	19.1253	37.4455	1.74035	1
cg05826175	CLOCK	0.00019566	0.514822	0.886806	-1.12764	0.0449772	1.51963	1.51963	0.810235	1.04472	1.04472	0.311671	0.826657	-1.20969	1.15E-05	0.184057	-5.4331	0.19989	0.781687	-1.27929	0.000243362	0.331764	-3.01419	0.0134087	1.74531	1.74531	0.00434947	0.500074	-1.9997	18.4808	9.6822	0.465695	1
cg05960024	CLOCK	0.00043375	0.000359286	0.202186	-4.94593	0.263713	0.722271	-1.38452	0.807053	0.933951	-1.07072	0.57215	0.85265	-1.17281	3.19E-05	0.104191	-9.59779	0.00830073	0.389717	-2.56597	0.000178347	0.169815	-5.88875	0.607573	0.865324	-1.15564	0.598277	0.86202	-1.16007	14.8641	18.3586	1.09786	1
cg25530661	CLOCK	0.000437003	0.000206298	0.379306	-2.63639	0.00686168	1.72637	1.72637	0.765257	1.04781	1.04781	0.000625612	0.440265	-2.27136	0.00740968	0.583896	-1.71263	0.964573	1.00695	1.00695	0.0160917	0.631679	-1.58308	0.00214011	1.95943	1.95943	0.196145	0.808009	-1.23761	14.8335	5.71472	0.342452	1
cg11774413	CLOCK	0.00431266	0.863183	1.01974	1.01974	0.0644764	0.790223	-1.26547	0.0323281	1.32854	1.32854	0.230729	0.867175	-1.15317	0.0420429	0.766783	-1.30415	0.601937	0.942089	-1.06147	0.000124104	0.468393	-2.13496	0.0595906	0.785845	-1.27252	0.303934	0.886309	-1.12828	7.676	1.56205	0.180887	1
cg18470649	CLOCK	0.00568236	0.026792	0.438725	-2.27933	0.63218	0.859464	-1.16352	0.330072	1.37113	1.37113	0.836724	0.93725	-1.06695	0.00011437	0.119313	-8.38131	0.611704	1.17441	1.17441	0.312688	0.720394	-1.38813	0.351987	1.35093	1.35093	0.0855754	0.550586	-1.81625	7.05646	11.0217	1.38839	1
cg01181053	CLP1;CLP1	4.91E-05	0.08297	0.931681	-1.07333	3.57E-06	1.49315	1.49315	0.283187	1.04196	1.04196	0.00365162	1.15596	1.15596	0.00210112	1.1729	1.1729	0.129544	0.941413	-1.06223	0.0451775	0.918777	-1.0884	0.00184279	1.17707	1.17707	5.19E-05	1.32187	1.32187	26.7461	0.575613	0.0191301	1
cg02430102	CLP1;CLP1	0.000715428	0.0381616	0.765099	-1.30702	0.0169498	1.38335	1.38335	0.00777754	1.46347	1.46347	0.194802	0.858287	-1.16511	7.11E-05	0.446146	-2.24142	0.00611791	0.671211	-1.48984	0.88424	1.01637	1.01637	0.0314753	0.754942	-1.32461	0.0134486	0.711063	-1.40635	12.9317	2.54295	0.174796	1
cg10518628	CLP1;CLP1	0.0012118	0.40532	0.914342	-1.09368	0.00080289	1.70253	1.70253	0.0107565	1.40082	1.40082	0.03936	1.28494	1.28494	0.000906449	1.68543	1.68543	0.296376	0.892364	-1.12062	0.000215373	1.91483	1.91483	0.366142	1.10258	1.10258	0.0140714	1.3755	1.3755	11.1406	1.95192	0.15574	1
cg06051146	CLP1;CLP1	0.00130566	0.00126816	0.394057	-2.5377	0.00183397	2.4023	2.4023	0.0478522	0.638924	-1.56513	0.151294	1.35592	1.35592	0.000614398	0.351879	-2.84188	0.14059	0.730606	-1.36873	0.052397	1.54777	1.54777	0.935881	1.01606	1.01606	0.337783	0.822281	-1.21613	10.9055	6.77215	0.551987	1
cg03797957	CLP1;CLP1	0.00257191	0.00507378	0.210429	-4.75221	0.000458718	0.0981781	-10.1856	0.0795094	0.440931	-2.26793	0.794057	1.11635	1.11635	0.0155604	0.287026	-3.484	0.0064545	0.225345	-4.43765	0.00393974	0.195567	-5.11334	0.000985225	0.127376	-7.8508	0.087374	0.452029	-2.21225	8.95692	25.1096	2.49188	1
cg14746813	CLP1;CLP1	0.00517513	0.0209391	0.248324	-4.02699	0.00971149	0.193949	-5.15598	0.0078501	0.180797	-5.53107	0.866457	0.919078	-1.08805	0.0201905	0.245479	-4.07367	0.0028531	0.127647	-7.8341	0.000963618	0.0850638	-11.7559	0.0283777	0.273261	-3.6595	0.00838386	0.184782	-5.41177	7.26179	28.9114	3.53893	1
cg24884542	CLP1;CLP1	0.00593325	0.0823731	0.553961	-1.80518	0.679804	1.13587	1.13587	0.000913569	4.57962	4.57962	0.0108424	0.374516	-2.67011	0.516983	0.817359	-1.22345	0.00756088	0.348259	-2.87142	0.613062	0.8551	-1.16945	0.247877	1.44894	1.44894	0.430489	1.28019	1.28019	6.96316	10.3914	1.32653	1
cg00911318	CLP1;CLP1	0.017226	0.0109077	0.522912	-1.91237	0.46806	0.860881	-1.1616	0.0318285	0.600231	-1.66603	0.914701	0.978497	-1.02198	0.700678	0.924626	-1.08152	0.00123853	0.383717	-2.60609	0.209869	1.3075	1.3075	0.416679	1.18342	1.18342	0.139909	0.724521	-1.38022	4.94756	3.22551	0.579502	1
cg06551161	CLP1;CLP1	0.0467708	0.00604798	0.171401	-5.83427	0.570638	0.754335	-1.32567	0.446514	0.682716	-1.46474	0.93761	0.962224	-1.03926	0.0107866	0.20691	-4.83302	0.564704	0.750987	-1.33158	0.013915	0.224349	-4.45734	0.138506	0.456359	-2.19126	0.107031	0.420865	-2.37606	3.47481	13.3162	3.40641	1
cg06046434	CLP1;CLP1;CLP1;CLP1	0.00146187	0.321278	0.809383	-1.23551	0.530179	1.14024	1.14024	0.00212502	0.410183	-2.43794	0.355324	0.821822	-1.21681	0.975941	1.00624	1.00624	0.0231947	0.571147	-1.75086	3.92E-05	0.197031	-5.07534	0.563485	1.1281	1.1281	0.269735	1.26769	1.26769	10.5575	7.12191	0.599629	1
cg01693503	CLPB	0.000660769	0.46327	0.875345	-1.14241	0.369347	0.848395	-1.1787	0.0365118	1.5425	1.5425	0.562693	1.11	1.11	1.54E-05	0.202922	-4.92799	0.00929252	0.555152	-1.80131	0.0106268	0.563898	-1.77337	0.706712	0.934813	-1.06973	0.252552	1.23754	1.23754	13.2227	6.65965	0.44769	1
cg11967103	CLPB	0.00608672	0.12584	0.834052	-1.19897	0.0663949	0.798079	-1.25301	0.00981589	0.699342	-1.42991	0.613057	1.05746	1.05746	0.0137731	0.716356	-1.39595	0.56193	1.06635	1.06635	0.00141115	1.65921	1.65921	0.57543	0.939891	-1.06395	0.0309257	0.757609	-1.31994	6.90847	1.31318	0.168963	1
cg23225469	CLPB	0.00858677	0.00320006	0.162052	-6.17084	0.0433024	0.349551	-2.86081	0.0940734	0.434981	-2.29895	0.281852	0.603054	-1.65823	0.00234156	0.146495	-6.82618	0.0078163	0.213536	-4.68306	0.00180846	0.134496	-7.43517	0.342965	0.642873	-1.55552	0.126329	0.473359	-2.11256	6.20406	20.0935	2.87889	1
cg06872163	CLPB	0.0124801	0.0755646	0.268093	-3.73006	0.320104	0.504746	-1.98119	0.000287614	0.0194806	-51.3331	0.331373	0.513272	-1.94829	?	?	?	0.375027	0.545576	-1.83292	0.0350189	0.195017	-5.12775	0.0866074	0.283761	-3.52409	0.0808624	0.275757	-3.62638	5.61003	34.9769	6.23471	1
cg12536891	CLPB	0.0178779	0.115053	0.589083	-1.69755	0.733525	0.899845	-1.1113	0.280858	0.707397	-1.41363	0.414352	1.29394	1.29394	0.00590576	0.328804	-3.04133	0.453876	0.79008	-1.26569	0.40759	1.29903	1.29903	0.00299331	3.51635	3.51635	0.194746	0.654684	-1.52745	4.8863	7.38103	1.34272	1
cg05812599	CLPB	0.0187922	0.0185538	1.73458	1.73458	0.574364	0.896302	-1.1157	0.171543	0.755163	-1.32422	0.0514652	0.651985	-1.53378	0.246054	0.791328	-1.2637	0.252612	0.794107	-1.25928	0.00307877	0.457652	-2.18507	0.182985	1.31338	1.31338	0.273394	1.24595	1.24595	4.80488	2.83232	0.523971	1
cg23227726	CLPB	0.0237682	0.00884812	0.275679	-3.62741	0.0520698	0.425501	-2.35017	0.124444	0.525599	-1.90259	0.410663	0.722303	-1.38446	0.00428986	0.228326	-4.37969	0.0542466	0.429706	-2.32717	0.0110455	0.291572	-3.42968	0.0214061	0.343375	-2.91227	0.0721634	0.460244	-2.17276	4.43427	10.5001	2.10483	1
cg07062262	CLPB	0.0246549	0.638872	0.824077	-1.21348	0.0018115	6.14494	6.14494	0.15166	1.87541	1.87541	0.756241	0.88032	-1.13595	0.257016	0.616145	-1.62299	0.485877	0.748357	-1.33626	0.0638105	0.426169	-2.34649	0.703109	1.16971	1.16971	0.0579757	0.415892	-2.40447	4.37834	11.6205	2.3592	1
cg27601809	CLPB	0.0332473	0.0314897	0.284416	-3.51598	0.348215	0.61793	-1.61831	0.0391328	0.304255	-3.28672	0.194592	0.504631	-1.98164	0.00782917	0.182462	-5.48058	0.0822191	0.38302	-2.61083	0.00385165	0.143545	-6.96647	0.98922	0.993289	-1.00676	0.108089	0.417351	-2.39606	3.93947	15.5004	3.49746	1
cg04389366	CLPB	0.0417596	0.0213236	0.648945	-1.54096	0.046824	1.42712	1.42712	0.0153578	1.59194	1.59194	0.324793	1.17223	1.17223	0.555378	0.910995	-1.0977	0.356045	1.15993	1.15993	0.687303	0.938721	-1.06528	0.0948528	0.750607	-1.33225	0.694636	0.940204	-1.0636	3.62503	1.40218	0.343827	1
cg24313592	CLPB	0.0473379	0.0140788	0.190289	-5.25517	0.653925	0.781108	-1.28023	0.376829	0.608678	-1.64291	0.191056	0.468662	-2.13374	0.152688	0.432346	-2.31296	0.194718	2.11901	2.11901	0.0122552	0.181211	-5.51843	0.278688	1.85266	1.85266	0.0579173	0.309251	-3.23362	3.45906	16.4187	4.21917	1
cg02376650	CLPP	4.07E-06	0.921129	0.986246	-1.01395	0.210091	1.20287	1.20287	0.141418	0.801597	-1.24751	0.853446	0.974471	-1.0262	1.74E-06	0.187948	-5.32063	0.400698	0.886656	-1.12783	1.99E-07	0.10923	-9.15496	0.566968	1.0843	1.0843	3.26E-05	0.323332	-3.0928	51.1685	15.849	0.275327	1
cg12138483	CLPP	0.00213284	0.448791	1.4282	1.4282	0.41277	0.679329	-1.47204	0.00911521	0.216605	-4.6167	0.00428711	0.171365	-5.83551	0.000352729	0.0706143	-14.1614	0.0495852	0.355433	-2.81347	0.000665379	0.0902062	-11.0857	0.00496494	0.179528	-5.57017	0.0669762	0.387462	-2.5809	9.46267	31.953	3.00155	1
cg16848221	CLPP	0.00499365	0.00204402	0.138608	-7.21462	0.346907	0.643801	-1.55328	0.0424619	0.345653	-2.89308	0.0195778	0.277339	-3.60569	0.00133819	0.120073	-8.32827	0.0520064	0.366016	-2.73212	0.00135757	0.12067	-8.28705	0.258119	0.584793	-1.71001	0.00626345	0.197999	-5.05053	7.34144	24.0348	2.91009	1
cg14763172	CLPP	0.012932	0.0337674	0.727791	-1.37402	0.0013446	1.81682	1.81682	0.0371784	1.36351	1.36351	0.893538	1.01731	1.01731	0.17204	1.20481	1.20481	0.477423	1.09701	1.09701	0.0536657	1.32424	1.32424	0.953859	0.992611	-1.00744	0.103783	0.796122	-1.25609	5.43945	1.41525	0.231274	1
cg16689907	CLPP	0.0275096	0.577073	1.11651	1.11651	0.0216336	1.71512	1.71512	0.0984584	1.42546	1.42546	0.743344	0.937749	-1.06638	0.356763	0.830761	-1.20372	0.880904	0.971098	-1.02976	0.000940747	2.62527	2.62527	0.821099	1.0453	1.0453	0.786971	1.05442	1.05442	4.2139	2.55392	0.538729	1
cg05236391	CLPP	0.030549	0.669507	0.937008	-1.06723	0.165974	0.799427	-1.2509	0.00134211	2.02615	2.02615	0.0530709	0.716711	-1.39526	0.898782	1.01947	1.01947	0.463845	0.893165	-1.11961	0.802425	0.962722	-1.03872	0.821806	1.03477	1.03477	0.262592	1.19363	1.19363	4.06057	1.47676	0.323274	1
cg17756392	CLPP	0.0308846	0.244485	1.15628	1.15628	0.0158828	1.42229	1.42229	0.00819836	1.49695	1.49695	0.994977	0.999249	-1.00075	0.519801	0.925134	-1.08092	0.611257	0.940697	-1.06304	0.0178242	0.709271	-1.4099	0.959501	0.993962	-1.00607	0.466195	0.915359	-1.09247	4.0448	0.911201	0.200246	1
cg15921239	CLPS	0.00686886	0.111587	0.764599	-1.30788	0.633106	0.92822	-1.07733	0.000486535	0.428785	-2.33217	0.304679	0.848202	-1.17896	0.441776	0.885607	-1.12917	0.00612259	1.74031	1.74031	0.0741866	0.734798	-1.36092	0.239316	0.826253	-1.21028	0.0576903	0.717193	-1.39432	6.65422	2.52811	0.337711	1
cg21081097	CLPTM1	4.43E-14	?	?	?	5.02E-14	0.352338	-2.83818	1.92E-13	0.586902	-1.70386	5.43E-14	0.366708	-2.72696	6.87E-14	2.43899	2.43899	1.23E-12	1.23506	1.23506	1.35E-14	0.134077	-7.4584	2.17E-14	0.204678	-4.88572	5.71E-14	0.376007	-2.65952	2.26E+13	15.4038	1.71E-13	1
cg17897309	CLPTM1	0.00455145	0.18027	1.33969	1.33969	0.551761	1.13172	1.13172	0.00417321	2.20108	2.20108	0.0795153	0.67032	-1.49182	0.21228	0.76337	-1.30998	0.270714	0.790034	-1.26577	0.0696983	1.51726	1.51726	0.00852257	0.501609	-1.99359	0.00193016	2.46429	2.46429	7.55162	5.05167	0.594624	1
cg09409311	CLPTM1	0.00942582	0.114397	1.48561	1.48561	0.877055	1.03633	1.03633	0.181066	0.720849	-1.38725	0.00472606	0.42099	-2.37535	0.000575751	0.292834	-3.41491	0.221032	1.34521	1.34521	0.938294	0.982311	-1.01801	0.948019	0.985083	-1.01514	0.684336	0.910083	-1.0988	6.02321	5.06883	0.748043	1
cg23955723	CLPTM1	0.0134814	0.640541	1.06857	1.06857	0.884226	0.979661	-1.02076	0.293785	1.166	1.166	0.927688	1.01288	1.01288	0.0280375	1.44194	1.44194	0.0399048	0.715359	-1.3979	0.228172	0.836618	-1.19529	0.000774595	0.487954	-2.04937	0.524542	1.09521	1.09521	5.36595	1.69036	0.280015	1
cg22565251	CLPTM1	0.0291273	0.0119246	0.45535	-2.19611	0.0639449	0.593308	-1.68547	0.799177	0.938083	-1.066	0.0325055	0.533936	-1.87288	0.00355971	0.371507	-2.69174	0.0742351	0.607301	-1.64663	0.0617769	0.590125	-1.69456	0.697745	0.906787	-1.10279	0.0264333	0.51692	-1.93454	4.12983	4.1114	0.884922	1
cg09341352	CLPTM1	0.0327069	0.127041	0.878499	-1.13831	0.422349	1.06645	1.06645	0.43106	1.06512	1.06512	0.0126096	0.783901	-1.27567	0.126719	0.878387	-1.13845	0.360231	0.928825	-1.07663	0.912371	0.991396	-1.00868	0.353787	1.07776	1.07776	0.00714846	1.31346	1.31346	3.96272	0.386711	0.0867442	1
cg19417129	CLPTM1	0.0377534	0.00643038	0.278204	-3.59448	0.212924	0.622815	-1.60561	0.621787	0.835693	-1.19661	0.0538313	0.453737	-2.20392	0.0346328	0.411001	-2.43308	0.0535085	0.453125	-2.20689	0.00458992	0.256145	-3.90403	0.268223	0.659496	-1.51631	0.20094	0.614122	-1.62834	3.76208	7.76355	1.83434	1
cg21202862	CLPTM1L	3.86E-05	0.00143303	0.617817	-1.6186	4.95E-07	0.229816	-4.35131	0.45585	0.923734	-1.08256	0.00844559	0.703785	-1.42089	0.0466696	0.788256	-1.26862	0.0048056	0.676489	-1.47822	0.100704	1.20659	1.20659	0.0160663	0.735092	-1.36037	0.00155689	0.621853	-1.6081	28.5024	4.92524	0.153601	1
cg05905124	CLPTM1L	0.00016361	0.0622764	0.813285	-1.22958	0.00303452	1.49184	1.49184	0.000273448	0.555887	-1.79893	0.148027	0.858282	-1.16512	0.00360831	0.678409	-1.47404	2.96E-05	0.44679	-2.23819	0.000489746	0.583984	-1.71238	0.335236	0.906774	-1.10281	0.0014052	0.634146	-1.57692	19.3971	2.97935	0.136531	1
cg26720682	CLPTM1L	0.000282766	0.422299	1.06404	1.06404	0.0424398	1.19358	1.19358	0.0405084	0.835982	-1.1962	0.000134349	1.65025	1.65025	8.94E-05	0.588043	-1.70056	0.00127786	0.700688	-1.42717	0.181201	0.898084	-1.11348	0.357652	0.930872	-1.07426	0.941251	1.0056	1.0056	16.7185	1.51831	0.0807258	1
cg26224791	CLPTM1L	0.000284947	0.301294	1.19751	1.19751	0.0382855	0.667596	-1.49791	0.0442808	0.67783	-1.4753	0.610518	1.0903	1.0903	3.11E-06	0.155085	-6.44808	0.450971	0.878743	-1.13799	0.0492416	0.685394	-1.45902	0.408238	1.153	1.153	0.863637	1.02935	1.02935	16.6834	7.48437	0.398766	1
cg11419403	CLPTM1L	0.00112639	0.038357	0.555573	-1.79994	0.0539268	1.70903	1.70903	0.0155364	0.483413	-2.06862	0.0184291	0.496448	-2.01431	0.00325907	0.374373	-2.67113	4.03E-05	0.146557	-6.82327	0.0456568	0.570498	-1.75286	0.824004	0.946906	-1.05607	0.069192	0.607769	-1.64536	11.3752	10.8075	0.844528	1
cg09826697	CLPTM1L	0.00195995	0.0525472	0.769836	-1.29898	0.0162204	1.41755	1.41755	0.953621	0.993122	-1.00693	0.00225455	1.66082	1.66082	0.247182	1.15441	1.15441	0.000416068	0.514559	-1.94341	0.0301796	1.35324	1.35324	0.244863	1.1553	1.1553	0.211454	0.855368	-1.16909	9.69886	2.16326	0.19826	1
cg06665485	CLPTM1L	0.0020466	0.547933	1.15104	1.15104	0.657449	1.10877	1.10877	0.835881	1.04916	1.04916	0.708659	1.09072	1.09072	0.0182595	0.515397	-1.94025	0.599021	1.1306	1.1306	2.82E-05	0.148727	-6.72371	0.485736	0.848848	-1.17807	0.745162	1.07837	1.07837	9.57738	8.1186	0.753497	1
cg14500614	CLPTM1L	0.00225407	0.00260482	0.393981	-2.5382	0.141323	1.42371	1.42371	0.382803	1.22126	1.22126	0.799843	1.05838	1.05838	0.000111414	0.219238	-4.56126	0.858582	1.04064	1.04064	0.0444515	1.67443	1.67443	0.834831	0.954441	-1.04773	0.271485	0.774405	-1.29131	9.31088	7.35502	0.702168	1
cg19056664	CLPTM1L	0.00265935	0.00982626	0.388754	-2.57232	0.51117	1.21279	1.21279	0.0183786	0.436829	-2.28923	0.143664	0.634541	-1.57594	0.0002035	0.164806	-6.06773	0.00337049	0.315233	-3.17225	0.00191956	0.280379	-3.5666	0.587692	0.853442	-1.17173	0.0776774	0.566839	-1.76417	8.86903	11.7722	1.17986	1
cg00408776	CLPTM1L	0.00349226	0.0765633	0.486651	-2.05486	0.00356622	0.236115	-4.23523	0.0207031	0.361178	-2.76872	0.050525	0.442744	-2.25864	0.000217522	0.104895	-9.53332	0.0119157	0.317481	-3.1498	0.00225215	0.209467	-4.77401	0.708446	0.871679	-1.14721	0.0863707	0.50026	-1.99896	8.17922	17.3146	1.88169	1
cg08894401	CLPTM1L	0.00592019	0.0509199	0.64522	-1.54986	0.000998572	0.381748	-2.61953	0.0433943	0.632718	-1.58048	0.218077	0.774696	-1.29083	0.000571645	0.349599	-2.86042	0.0342695	0.614681	-1.62686	0.399928	1.18505	1.18505	0.940697	1.01477	1.01477	0.243395	0.786225	-1.2719	6.96789	4.28449	0.546569	1
cg25077823	CLPTM1L	0.00618777	0.472177	0.889689	-1.12399	0.0261396	0.655872	-1.52469	0.0152124	0.620954	-1.61043	0.985983	1.00281	1.00281	0.000521927	0.421251	-2.37388	0.884762	0.977087	-1.02345	0.0173213	1.58927	1.58927	0.282297	0.836459	-1.19552	0.0398683	0.684056	-1.46187	6.8734	2.78099	0.359646	1
cg25225632	CLPTM1L	0.0084514	0.693295	1.05624	1.05624	0.109308	0.785843	-1.27252	0.000706177	0.490434	-2.03901	0.0685297	1.32504	1.32504	0.530282	1.09171	1.09171	0.010388	1.5612	1.5612	0.630291	1.06923	1.06923	0.672017	1.06054	1.06054	0.157661	0.811773	-1.23187	6.2353	1.88134	0.268198	1
cg08929612	CLPTM1L	0.00911775	0.276454	1.51182	1.51182	0.207261	1.6251	1.6251	0.87928	0.94602	-1.05706	0.474313	1.3043	1.3043	0.000336345	0.121137	-8.25513	0.401447	1.36827	1.36827	0.273817	1.51554	1.51554	0.0193747	0.356175	-2.80761	0.736557	0.884017	-1.1312	6.0872	12.8518	1.87669	1
cg26947723	CLPTM1L	0.0141147	0.0460773	0.462863	-2.16047	0.00678863	0.306594	-3.26164	0.925497	1.03202	1.03202	0.00659081	0.304556	-3.28347	0.0695306	0.504523	-1.98207	0.0125592	0.351284	-2.8467	0.27803	0.68376	-1.4625	0.528371	1.2402	1.2402	0.0048023	0.28333	-3.52945	5.28568	9.50756	1.59888	1
cg26721993	CLPTM1L	0.0150366	0.602961	1.06564	1.06564	0.424971	1.10374	1.10374	0.999478	0.999921	-1.00008	0.0877208	1.2565	1.2565	0.0656517	1.28437	1.28437	0.0520423	1.30703	1.30703	0.00533378	0.64103	-1.55999	0.0599465	1.2932	1.2932	0.00610044	1.54292	1.54292	5.17653	1.20324	0.206614	1
cg25070340	CLPTM1L	0.0154086	0.0921607	0.406309	-2.46118	0.00375467	0.149461	-6.69069	0.204847	0.522067	-1.91546	0.0247691	0.272937	-3.66385	0.00366936	0.148302	-6.74302	0.0087386	0.197308	-5.06823	0.0162177	0.239652	-4.17271	0.550323	0.745575	-1.34125	0.0628596	0.36175	-2.76434	5.13481	19.1961	3.32304	1
cg26373071	CLPTM1L	0.0171018	0.00489755	0.200312	-4.99222	0.20966	1.76851	1.76851	0.134304	0.498457	-2.00619	0.022991	0.309538	-3.23062	0.440076	1.40429	1.40429	0.306717	1.57823	1.57823	0.00714702	0.2236	-4.47227	0.943716	1.03091	1.03091	0.0666223	0.411947	-2.42749	4.95957	14.6055	2.6177	1
cg20711912	CLPTM1L	0.0180777	0.500112	0.791382	-1.26361	0.438104	1.31044	1.31044	0.989781	1.00439	1.00439	0.369216	0.729612	-1.37059	0.00819555	0.314625	-3.17839	0.00164171	0.214149	-4.66964	0.298729	1.44511	1.44511	0.81905	0.92466	-1.08148	0.0165774	0.367755	-2.71921	4.86807	9.009	1.64501	1
cg00220335	CLPTM1L	0.0188388	0.00281426	0.182892	-5.4677	0.0911967	0.463954	-2.15538	0.974952	0.987123	-1.01305	0.326118	0.658018	-1.51972	0.00206878	0.166866	-5.99285	0.255303	0.61247	-1.63273	0.0447935	0.386422	-2.58785	0.300798	0.642371	-1.55673	0.0197229	0.312695	-3.19801	4.80086	12.9569	2.39899	1
cg16219124	CLPTM1L	0.0195087	0.00228703	0.132224	-7.56294	0.998126	1.00112	1.00112	0.381947	0.653494	-1.53024	0.612478	1.27423	1.27423	0.023447	0.276825	-3.61239	0.545734	0.748195	-1.33655	0.238671	1.79589	1.79589	0.0380086	0.319434	-3.13054	0.01065	0.217955	-4.58811	4.74444	16.9135	3.16882	1
cg09508356	CLPTM1L	0.0196183	0.0220629	0.149428	-6.6922	0.0340109	0.180255	-5.5477	0.151653	0.345205	-2.89683	0.0858669	0.268661	-3.72216	0.00710888	0.0900247	-11.1081	0.121109	0.312292	-3.20214	0.00288053	0.0585397	-17.0824	0.00846022	0.097512	-10.2552	0.198773	0.390528	-2.56064	4.73543	35.956	6.7493	1
cg15121276	CLPTM1L	0.0292938	0.126319	0.176215	-5.67488	0.0450907	0.0895107	-11.1719	0.0907167	0.14139	-7.07262	0.0378808	0.0798964	-12.5162	0.0066487	0.0248014	-40.3204	0.0149636	0.0432689	-23.1113	0.00731329	0.0265133	-37.7169	0.742772	0.70774	-1.41295	0.0695266	0.118731	-8.42242	4.1215	71.9187	15.5108	1
cg21815258	CLPTM1L	0.030178	0.990609	0.997898	-1.00211	0.0160314	0.590316	-1.69401	0.75824	1.05676	1.05676	0.744307	0.943158	-1.06027	0.164497	1.3037	1.3037	0.340808	0.839012	-1.19188	0.0019919	2.18273	2.18273	0.679824	1.07703	1.07703	0.697214	1.07242	1.07242	4.07825	2.06524	0.450136	1
cg26959827	CLPTM1L	0.0367411	0.410115	0.835267	-1.19722	0.379344	1.21254	1.21254	0.388057	0.827749	-1.2081	0.387512	1.20837	1.20837	0.0010284	0.353635	-2.82778	0.12817	0.703673	-1.42112	0.42423	1.19053	1.19053	0.584448	1.12526	1.12526	0.798089	0.946693	-1.05631	3.79957	2.74794	0.642866	1
cg14631690	CLPTM1L	0.0431819	0.444921	0.819438	-1.22035	0.767343	1.07882	1.07882	0.0758684	0.603386	-1.65731	0.619794	1.13643	1.13643	0.0481604	0.561307	-1.78156	0.0161526	0.471163	-2.12241	0.0755883	1.65829	1.65829	0.786099	1.07203	1.07203	0.0195123	0.485843	-2.05828	3.58022	3.70776	0.920553	1
cg15444753	CLPX	0.000202621	0.0192418	0.757307	-1.32047	0.00236661	1.51619	1.51619	0.00288031	1.49537	1.49537	0.540663	0.94101	-1.06269	0.897388	0.987414	-1.01275	0.000167769	0.53321	-1.87543	8.05E-05	0.497242	-2.01109	0.0123858	0.73667	-1.35746	0.293786	1.11282	1.11282	18.3064	2.79396	0.135664	1
cg08634079	CLPX	0.00611446	?	?	?	0.0552164	2.51794	2.51794	0.399219	1.4074	1.4074	0.483017	0.755073	-1.32438	?	?	?	0.0535997	2.54074	2.54074	0.00125869	0.0886492	-11.2804	0.0135989	0.250818	-3.98695	?	?	?	13.2869	19.5742	1.22766	1
cg09398966	CLPX	0.00723594	0.518702	0.932081	-1.07287	0.0106741	0.708178	-1.41207	0.705654	0.960027	-1.04164	0.00628598	0.682029	-1.46621	0.00727608	0.689239	-1.45087	0.689533	0.957748	-1.04412	0.316399	1.11779	1.11779	0.000611462	0.566945	-1.76384	0.241408	0.876487	-1.14092	6.54702	1.19843	0.162711	1
cg24721964	CLRN1;CLRN1	0.0121975	0.0587171	0.613021	-1.63126	0.783664	1.0651	1.0651	0.072936	0.632284	-1.58157	0.0130792	0.493888	-2.02475	0.0149387	0.503638	-1.98555	0.00690778	0.448741	-2.22846	0.171373	1.39619	1.39619	0.0814574	1.55674	1.55674	0.040574	0.581605	-1.71938	5.54404	4.61184	0.739426	1
cg08653369	CLRN1;CLRN1	0.0318527	0.0025016	0.434899	-2.29938	0.139972	0.729911	-1.37003	0.130031	0.723087	-1.38296	0.058755	0.654915	-1.52692	0.173733	0.750562	-1.33234	0.722986	1.07311	1.07311	0.68827	1.08324	1.08324	0.12876	0.722185	-1.38469	0.00960527	0.522052	-1.91552	4.00048	2.4904	0.553355	1
cg17808195	CLRN1;CLRN1;CLRN1OS	0.00345057	0.0169647	0.439999	-2.27273	0.00754285	0.376005	-2.65954	0.0152841	0.431414	-2.31796	0.97521	0.991549	-1.00852	0.000146047	0.141212	-7.08153	0.00454055	0.338876	-2.95093	0.0102467	0.399482	-2.50324	0.0334267	0.498675	-2.00531	0.0606067	0.554979	-1.80187	9.6289	11.1378	0.899658	1
cg17221738	CLRN1;CLRN1OS	0.000338902	0.000830648	0.190437	-5.25108	0.0155351	0.376024	-2.6594	0.00237473	0.247464	-4.041	0.00672234	0.314017	-3.18454	0.000138239	0.114042	-8.76872	0.000376849	0.15365	-6.50829	6.70E-05	0.0900895	-11.1001	0.00537155	0.298752	-3.34726	0.00236483	0.247217	-4.04502	15.9094	27.3681	1.5291	1
cg24365013	CLRN1;CLRN1OS	0.000343205	0.107075	0.822564	-1.21571	0.00397757	0.650545	-1.53717	0.00594905	0.670744	-1.49088	0.0387794	0.766668	-1.30435	4.52E-05	0.424457	-2.35595	0.788357	0.970566	-1.03033	0.000293346	1.92551	1.92551	0.570926	0.93839	-1.06565	0.809131	1.02723	1.02723	15.8544	3.09586	0.173572	1
cg21361134	CLRN1;CLRN1OS	0.00368145	0.00422835	0.213487	-4.68412	0.0248623	0.340718	-2.93498	0.0254076	0.342592	-2.91892	0.179064	0.562415	-1.77805	0.000345673	0.098123	-10.1913	0.00405889	0.211065	-4.73788	0.00644766	0.239696	-4.17195	0.00589658	0.233956	-4.27431	0.0314548	0.361538	-2.76596	8.05094	20.7299	2.28875	1
cg27322397	CLRN1;CLRN1OS	0.0107708	0.0194458	0.487132	-2.05283	0.00120522	0.299032	-3.34412	0.00721318	0.413634	-2.4176	0.016541	0.474562	-2.1072	0.0055317	0.395277	-2.52987	0.0798014	0.609621	-1.64036	0.167981	0.687923	-1.45365	0.159573	0.682064	-1.46614	0.0350178	0.535076	-1.86889	5.77151	5.92425	0.912413	1
cg11593729	CLRN1;CLRN1OS	0.0146086	0.15416	0.497561	-2.00981	0.111268	0.452118	-2.21181	0.0604568	0.379554	-2.63467	0.630579	0.801133	-1.24823	0.00102108	0.107696	-9.28542	0.00672921	0.200301	-4.99248	0.0136552	0.247625	-4.03837	0.0203886	0.278301	-3.59323	0.113372	0.454586	-2.1998	5.22614	17.3311	2.94776	1
cg08153098	CLRN1;CLRN1OS	0.0377438	0.0887712	0.473849	-2.11038	0.620759	1.21948	1.21948	0.0168531	0.313466	-3.19014	0.22136	1.66765	1.66765	0.0336908	0.372762	-2.68268	0.105853	2.01928	2.01928	0.0693928	0.445691	-2.24371	0.976408	0.988304	-1.01183	0.0528326	0.416619	-2.40028	3.76243	9.43145	2.22822	1
cg19981828	CLRN1;CLRN1OS	0.0408506	0.0319213	0.262054	-3.81601	0.402977	0.633874	-1.5776	0.267498	0.540469	-1.85024	0.691529	0.808607	-1.2367	0.00318596	0.117027	-8.54501	0.0140015	0.198622	-5.0347	0.0363049	0.273484	-3.65653	0.0948347	0.376104	-2.65884	0.231081	0.512132	-1.95262	3.65466	16.4242	3.9947	1
cg00160976	CLRN1OS	0.0341289	0.665829	0.88488	-1.1301	0.205692	1.45612	1.45612	0.480386	1.22374	1.22374	0.729165	0.906799	-1.10278	0.000741225	0.236461	-4.22903	0.457038	0.808001	-1.23762	0.999972	0.99999	-1.00001	0.658502	1.13338	1.13338	0.210027	0.689473	-1.45038	3.90251	4.89682	1.11537	1
cg24675891	CLRN2	8.39E-05	0.0596595	0.700575	-1.4274	0.000417916	2.55188	2.55188	0.00646815	0.552786	-1.80902	0.0167694	0.613393	-1.63028	0.296238	0.834151	-1.19882	0.740795	1.05716	1.05716	3.18E-06	0.157458	-6.35088	0.287058	0.831032	-1.20332	0.0423247	1.47927	1.47927	23.2025	10.3018	0.394661	1
cg01802294	CLRN2	0.00153449	0.00016322	0.447325	-2.23551	0.149131	0.824066	-1.21349	0.936079	0.990017	-1.01008	0.0121041	0.676196	-1.47886	0.000268175	0.473325	-2.11271	0.698593	0.952495	-1.04987	0.0986629	1.25421	1.25421	0.753225	1.04024	1.04024	0.79064	0.967266	-1.03384	10.4112	2.57982	0.22026	1
cg03553245	CLRN2	0.00438293	0.033908	0.685405	-1.45899	0.07785	0.741635	-1.34837	0.0737577	0.737829	-1.35533	0.214645	0.819335	-1.2205	0.518527	1.10499	1.10499	0.178384	0.804042	-1.24372	0.00396123	1.80591	1.80591	0.269812	1.19158	1.19158	0.00101385	2.10368	2.10368	7.63852	2.8148	0.327556	1
cg09099893	CLRN2	0.0117761	0.0644456	1.26806	1.26806	0.00243988	1.61961	1.61961	0.246159	0.870528	-1.14873	0.203588	0.857776	-1.16581	0.110972	0.819947	-1.21959	0.993397	0.999054	-1.00095	0.00376816	1.56356	1.56356	0.722557	0.960064	-1.0416	0.60629	0.942299	-1.06123	5.60764	1.16073	0.183992	1
cg16760587	CLRN2	0.0216738	0.0550305	0.466828	-2.14212	0.319628	1.43351	1.43351	0.262341	0.664153	-1.50568	0.0279209	0.402681	-2.48336	0.00527665	0.275855	-3.62509	0.0712761	0.49389	-2.02474	0.0469912	0.45107	-2.21695	0.657864	1.16891	1.16891	0.00722223	0.297029	-3.36667	4.57732	8.88892	1.72618	1
cg23817637	CLRN3	0.000625215	0.623583	1.09659	1.09659	0.000111433	0.281773	-3.54896	0.000291845	0.332617	-3.00646	0.876311	0.971383	-1.02946	0.0643325	0.678795	-1.4732	0.676115	1.08147	1.08147	0.00154343	2.33727	2.33727	0.139061	0.743194	-1.34554	0.250077	0.799274	-1.25114	13.4287	7.39014	0.489176	1
cg20424781	CLRN3	0.00481978	0.859329	0.963441	-1.03795	0.00060245	0.329303	-3.03672	0.00120985	0.369748	-2.70454	0.0468292	1.61249	1.61249	0.1102	0.693855	-1.44122	0.755755	1.0677	1.0677	0.565535	0.885187	-1.1297	0.670873	0.914167	-1.09389	0.0310724	0.587814	-1.70122	7.42121	5.18062	0.620519	1
cg23228835	CLRN3	0.00674933	0.010457	0.447725	-2.23351	0.00296116	0.361662	-2.76501	0.000549228	0.262354	-3.81164	0.212959	1.38684	1.38684	0.526792	1.17338	1.17338	0.89163	0.966585	-1.03457	0.231303	0.731219	-1.36758	0.774381	0.930851	-1.07429	0.875906	0.961786	-1.03973	6.69067	6.58704	0.875121	1
cg11352256	CLRN3	0.0152895	0.00211385	0.469855	-2.12831	0.0586737	0.688487	-1.45246	0.0299769	0.640032	-1.56242	0.561974	1.10791	1.10791	0.00914234	0.560658	-1.78362	0.434019	1.14972	1.14972	0.399434	1.16272	1.16272	0.274624	0.819829	-1.21977	0.0389565	0.65855	-1.51849	5.14803	2.49042	0.430011	1
cg25551262	CLSPN	4.16E-05	0.00267178	0.646127	-1.54768	0.455851	0.923226	-1.08316	0.000250395	0.52974	-1.88772	0.00600786	0.685506	-1.45878	0.000482555	0.56227	-1.7785	0.718982	0.962709	-1.03874	1.06E-06	0.261425	-3.82518	0.000128274	0.496378	-2.0146	0.00601704	0.68558	-1.45862	27.9489	4.89683	0.155739	1
cg00463507	CLSPN	0.000259421	0.327981	0.84114	-1.18886	0.00644966	1.83478	1.83478	0.0223603	1.5983	1.5983	0.407058	1.1564	1.1564	0.651831	1.08093	1.08093	0.193783	0.790118	-1.26563	6.99E-06	0.181891	-5.49778	0.0428065	1.49103	1.49103	0.179293	1.27686	1.27686	17.1165	7.9578	0.413263	1
cg10246273	CLSPN	0.00231896	0.0158091	0.774389	-1.29134	0.155618	0.876878	-1.14041	0.18532	1.12915	1.12915	0.484285	1.06339	1.06339	0.00599749	1.36418	1.36418	0.462386	1.06683	1.06683	0.000323906	0.604848	-1.65331	0.0278469	0.798691	-1.25205	0.0781162	1.18444	1.18444	9.23374	1.09362	0.105278	1
cg06100291	CLSPN	0.0068864	0.0985562	0.723073	-1.38299	0.0580561	1.46734	1.46734	0.0482247	1.49791	1.49791	0.0113993	0.567307	-1.76271	0.550707	0.897575	-1.11411	0.0125029	0.573409	-1.74396	0.00368867	0.495365	-2.01871	0.745018	0.943264	-1.06015	0.062888	1.45434	1.45434	6.64894	3.3737	0.451026	1
cg07807957	CLSPN	0.0265854	0.558295	0.836981	-1.19477	0.0393617	2.04732	2.04732	0.163255	1.56412	1.56412	0.00214747	0.273707	-3.65354	0.812596	0.931096	-1.074	0.110259	0.592613	-1.68744	0.41822	0.779843	-1.28231	0.454888	1.2571	1.2571	0.246419	1.4396	1.4396	4.26473	6.1034	1.27212	1
cg02106385	CLSPN	0.0342544	0.319296	0.700486	-1.42758	0.47752	1.28376	1.28376	0.506936	0.79225	-1.26223	0.499485	0.788912	-1.26757	0.0392763	0.43827	-2.2817	0.42453	0.754207	-1.3259	0.557742	1.22759	1.22759	0.583001	0.825494	-1.2114	0.000805586	0.173962	-5.74839	3.89734	7.38433	1.68418	1
cg26190281	CLSPN	0.0362574	0.239393	0.827764	-1.20807	0.0440966	1.42602	1.42602	0.0820064	1.34401	1.34401	0.0300266	0.675986	-1.47932	0.813298	1.03697	1.03697	0.100592	0.758846	-1.31779	0.357941	0.864983	-1.15609	0.0492366	1.41112	1.41112	0.1151	1.30065	1.30065	3.81794	1.42341	0.331396	1
cg21474509	CLSPN;CLSPN	1.57E-05	0.00194262	0.532987	-1.87622	0.859676	1.02573	1.02573	0.472866	1.11049	1.11049	0.109347	0.778331	-1.2848	0.000142496	0.390028	-2.56392	0.065028	0.742754	-1.34634	2.15E-05	0.29326	-3.40994	6.74E-07	0.143489	-6.9692	0.0161884	1.52538	1.52538	36.0512	11.7649	0.29008	1
cg25109252	CLSPN;CLSPN	0.0185709	0.402991	0.833962	-1.1991	0.118725	1.4323	1.4323	0.0193681	1.82193	1.82193	0.402862	0.833919	-1.19916	0.273462	0.785226	-1.27352	0.0638706	0.642814	-1.55566	0.00315825	0.42497	-2.35311	0.294551	1.2594	1.2594	0.236343	1.30114	1.30114	4.82413	3.43884	0.633637	1
cg20743218	CLSTN1;CLSTN1	0.000458549	4.96E-05	0.181355	-5.51404	0.506247	0.859717	-1.16317	0.0656824	0.629438	-1.58872	0.000161477	0.236055	-4.2363	0.189779	0.732517	-1.36516	0.654995	0.904115	-1.10605	0.000131208	0.225903	-4.42667	0.242398	0.760177	-1.31548	0.0352422	0.577159	-1.73262	14.6373	11.6446	0.707147	1
cg23616100	CLSTN1;CLSTN1	0.000555757	0.154549	0.576943	-1.73327	0.0215193	2.70907	2.70907	0.00209911	0.209766	-4.76723	0.149455	1.74694	1.74694	0.00399466	0.247458	-4.04108	0.537997	1.25241	1.25241	0.00135335	0.186438	-5.3637	0.0289156	0.394671	-2.53376	7.68E-05	0.0753211	-13.2765	13.8769	28.6322	1.83405	1
cg24691879	CLSTN1;CLSTN1	0.00133641	0.087439	0.699104	-1.4304	0.00982455	1.85741	1.85741	0.634832	1.09502	1.09502	0.0661195	0.676326	-1.47858	3.34E-05	0.217245	-4.6037	0.515686	0.882461	-1.1332	0.282376	0.809024	-1.23606	0.139579	0.739624	-1.35204	0.03991	0.637255	-1.56923	10.833	6.17522	0.506699	1
cg03986322	CLSTN1;CLSTN1	0.00144567	0.0191667	1.78598	1.78598	0.000202993	3.57825	3.57825	0.005708	2.09949	2.09949	0.311028	0.806961	-1.23922	0.0118284	1.90245	1.90245	0.0295876	0.592067	-1.689	0.0236434	0.575291	-1.73825	0.409519	1.18839	1.18839	0.555185	0.885045	-1.12989	10.5914	7.02375	0.589472	1
cg19858017	CLSTN1;CLSTN1	0.00145452	0.173092	0.720648	-1.38764	0.0011	2.96677	2.96677	0.06136	0.621053	-1.61017	0.0890713	1.52769	1.52769	0.00456324	0.425888	-2.34803	0.786783	1.06318	1.06318	0.00132498	0.348106	-2.87269	0.00985641	0.478518	-2.08978	0.024738	0.546535	-1.82971	10.5728	8.55121	0.718925	1
cg26985289	CLSTN1;CLSTN1	0.00150276	0.0103526	0.462838	-2.16058	0.000867287	3.29436	3.29436	0.186722	1.39636	1.39636	0.00277412	2.6755	2.6755	0.114701	0.664176	-1.50563	0.0698767	1.62176	1.62176	0.00393106	0.396296	-2.52337	0.100863	0.651396	-1.53516	0.73615	0.922496	-1.08402	10.474	9.43912	0.801059	1
cg19090068	CLSTN1;CLSTN1	0.00283788	0.062768	1.34857	1.34857	0.872032	1.02329	1.02329	0.338698	0.868616	-1.15126	?	?	?	0.000606851	0.4701	-2.12721	0.582785	0.923822	-1.08246	0.910929	0.984144	-1.01611	0.000803945	2.05941	2.05941	0.339412	0.868808	-1.151	8.89496	2.55445	0.287179	1
cg11710086	CLSTN1;CLSTN1	0.00322106	0.000474062	0.292774	-3.41561	0.00164159	2.74254	2.74254	0.0238372	0.5469	-1.82849	0.0485808	1.65561	1.65561	0.768768	1.0682	1.0682	0.459684	1.18348	1.18348	0.918958	1.02304	1.02304	0.880468	0.966887	-1.03425	0.57346	0.880473	-1.13575	8.37906	6.64566	0.705001	1
cg24551579	CLSTN1;CLSTN1	0.00327181	0.0747299	0.524617	-1.90615	0.103206	1.78466	1.78466	0.00115037	0.211696	-4.72375	0.488597	1.25688	1.25688	0.00357902	0.277424	-3.6046	0.196701	1.55826	1.55826	0.0011225	0.2104	-4.75285	0.15021	0.605798	-1.65071	0.168787	0.620962	-1.6104	8.34011	13.9491	1.4867	1
cg00996875	CLSTN1;CLSTN1	0.0034076	0.0154857	0.606608	-1.64851	0.00105467	0.442435	-2.26022	0.00398119	0.521198	-1.91866	0.0888148	0.729111	-1.37153	0.12953	1.31742	1.31742	0.00761147	0.561226	-1.78181	0.0541098	1.44476	1.44476	0.0310505	0.653077	-1.53121	0.0979797	0.736733	-1.35734	8.23947	3.69695	0.398834	1
cg06183831	CLSTN1;CLSTN1	0.00996758	0.0724824	0.74611	-1.34029	0.0282294	0.684808	-1.46026	0.102307	0.770059	-1.2986	0.121122	1.27842	1.27842	0.297821	0.854087	-1.17084	0.161362	0.803658	-1.24431	0.000390559	0.437753	-2.28439	0.609299	0.927439	-1.07824	0.300148	1.16989	1.16989	5.91676	2.00129	0.300659	1
cg13546817	CLSTN1;CLSTN1	0.0108208	0.768481	0.934248	-1.07038	0.127938	0.684406	-1.46112	0.868498	0.96254	-1.03892	0.155057	1.41994	1.41994	0.000753977	0.30813	-3.24539	0.0413678	1.71962	1.71962	0.0228021	0.533766	-1.87348	0.539106	0.866517	-1.15405	0.0988963	0.659091	-1.51724	5.76292	4.84556	0.747393	1
cg27553947	CLSTN1;CLSTN1	0.036315	0.992811	1.00402	1.00402	0.130884	2.06773	2.06773	0.273201	0.601785	-1.66172	0.227726	0.568982	-1.75753	0.129401	0.482051	-2.07447	0.694369	0.838724	-1.19229	0.00218336	0.147453	-6.78181	0.130953	2.06742	2.06742	0.166879	0.518756	-1.92769	3.81573	11.9862	2.79223	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg07768865	CLSTN1;CLSTN1	0.0439178	0.116535	1.68991	0.168591	1.279593	0.708739	-1.41096	0.913402	1.03388	0.1033888	1.08715	0.8875525	1.078336	1.78036	0.1185565	0.417143	2.39705	0.1228336	2.600235	-1.66601	0.1183747	0.416346	-2.40185	0.327483	1.56285	0.1362385	0.969438	0.088335	-1.01138	1.55775	5.28537	1.32053	1
cg04969937	CLSTN1;CLSTN1;CLSTN1	0.0118727	0.630012	0.949174	-1.05355	0.558675	0.938419	-1.06562	0.418019	1.09302	1.093002	0.974069	0.996513	-1.0035	0.0525102	1.48533	1.48533		0.7827779	1.03015	1.030015	0.000640939	0.569397	-1.75624	0.981891	0.997564	-1.00244	0.612634	1.05641	1.55821	1.02306	0.1626	1
cg00134776	CLSTN2	0.00208126	0.192226	0.839776	-1.19079	0.168646	1.20389	1.203889	0.994452	1.00088	1.000881	0.229437	0.852537	-1.17297	0.00457563	0.620263	-1.61222		0.0006333363	0.514705	-1.94286	0.00289409	1.67886	1.67886	0.0988939	1.25721	1.25721	0.04593414	1.33565	1.33565	0.530858	2.41573	0.225308	1
cg25857710	CLSTN2	0.00313445	0.342527	0.97114	-1.02973	0.673073	0.962967	-1.03846	0.0524077	0.821894	-1.21617	0.554646	0.982348	-1.05458	0.994765	1.00052	1.00052		0.0704847	1.119693	1.11975	7.57E-05	0.528174	-1.89332	0.545526	0.1059	1.0559	0.1059	0.0552853	1.21311	1.21311	0.447195	1.0578	0.1113309	1
cg04125341	CLSTN2	0.00315638	0.326939	0.721544	-1.38592	0.0375142	0.284131	-3.53182	0.0452754	0.476806	-2.09729	0.406253	0.760336	-1.31521	0.0032404	0.27392	-3.6507		0.0031876	0.0722899	-3.66436	0.000511495	0.173827	-5.75286	0.00487293	0.300119	-3.33201	0.00730896	0.327784	0.840924	13.8844	1.46405	1
cg14448423	CLSTN2	0.00811144	0.89599	1.04224	1.04224	1.110055	0.577483	-1.78165	0.0712792	0.528777	-1.89116	0.166158	0.628869	-2.59523	0.00062627	0.189493	-5.27727		0.0005837	0.554462	-1.80355	0.000817498	0.202785	-4.93134	0.0793118	0.540046	-1.85169	0.160229	0.622176	-1.60726	6.13658	10.008	1.40885	1
cg08853659	CLSTN2	0.00813266	0.0020608	0.440865	-2.26827	0.764591	1.05831	1.05831	0.417442	0.855248	-1.16925	0.306016	1.22139	1.22139	0.61691	0.909221	-1.09984		0.732369	0.93728	-1.06692	0.00409647	0.357548	-2.79683	0.290011	0.812839	-1.23026	0.238642	1.26224	1.26224	6.31138	3.55912	0.501263	1
cg26368431	CLSTN2	0.0146567	0.374028	0.851103	-1.17495	0.0229912	1.12456	1.124561	0.0959772	1.38453	1.38453	0.8725581	0.972584	-1.03572	0.62911	0.989779	-1.01082		0.0091285	1.79542	1.795442	0.000813679	2.439977	2.44997	0.261696	1.22973	1.22973	0.0265004	0.9833831	1.01643	5.22048	2.58105	0.4194675	1
cg05092583	CLSTN2	0.0174786	0.0114331	1.21112	1.12112	1.011008	0.662085	-1.51038	0.0632856	0.608828	-1.6425	0.25	0.751557	-1.33057	0.0719842	0.61195	-1.63195		0.0179131	1.95321	1.95328	0.0165226	2.01022	2.01022	0.579086	1.14239	1.14239	0.458042	1.19665	1.19665	6.92349	4.4013	0.794614	1
cg23463099	CLSTN2	0.0213817	0.168018	1.73496	1.73496	0.984165	0.992585	-1.00747	0.182633	0.588384	-1.69957	0.325758	0.683514	-1.46303	0.0560443	0.444149	-2.25149		0.393293	1.3881	1.3881	0.09056	0.49693	-2.01235	0.00161518	0.44783	0.447831	0.482065	1.30728	1.30728	4.59863	10.2425	1.97983	1
cg23183534	CLSTN2	0.0227772	0.0822708	0.687494	-1.45463	0.0178035	0.144838	-2.90128	0.0135404	0.368504	-2.71284	0.0184504	0.538949	-1.58849	0.156686	1.11114	1.111144	0.0849564	-2.90752		0.1224251	1.00452	1.004522	0.134535	1.19659	1.196591	0.0125167	1.25167	1.251667	0.0470088	1.0074	1.0074	4.56027	0.880922	0.173998	1
cg06288131	CLSTN2	0.0318403	0.0259358	-3.85568	0.0514171	0.349262	-2.86318	0.0665271	0.376826	-2.65374	0.36135	0.493919	-2.02462	0.2678324	0.378582	-2.64143			0.0731124	0.384642	-2.59982	0.00718474	0.192814	-5.18634	0.00563164	0.178422	-5.6047	0.106347	0.433241	-2.30818	3.981444	14.1873	3.16744	1
cg02760495	CLSTN2	0.0323317	0.0043869	0.275058	-3.70293	0.0947885	0.373756	-2.64861	0.0606939	0.731878	-1.36635	0.508281	0.700458	-1.42754	0.00153659	0.0891072	-11.2224		0.0169154	0.231379	-4.69102	0.0296197	0.342546	-2.91839	0.0588687	0.320569	-3.11153	0.379516	0.77661	3.96201	1			1
cg03709095	CLSTN2	0.0362311	0.0273048	1.6634	1.6634	0.146276	0.737959	-1.35509	0.9654531	1.00847	-1.00847	0.928826	0.982743	-1.01756	0.0985551	0.642328	-1.55706	0.14232	0.0401927	0.630078	-1.5871	0.0952354	1.42928	-1.42928	0.0248047	1.68301	1.683021	0.1200151	1.38907	1.38907	3.818944	2.29623	0.534465	1
cg21644130	CLSTN2	0.0387302	0.500928	1.4024	1.4024	0.5588363	2.87612	2.876612	0.311989	0.595833	-1.67832	0.621007	0.781352	-1.27893	0.170131	0.485333	-2.06044		0.159979	2.10274	2.10274	0.021087	0.264258	0.224835	-4.4477	0.111695	0.424176	2.35726	0.139312	0.744098	0.852504	1.12082	1.12082	0.1612	1
cg25695086	CLSTN2	0.0407054	0.61142	1.932756	-1.10772	0.0583033	0.574436	-1.75165	0.0712792	0.528777	-1.89116	0.166158	0.628869	-2.59523	0.00062627	0.189493	-5.27727		0.5005937	0.554462	-1.80355	0.000817498	0.202785	-4.93134	0.0793118	0.540046	-1.85169	0.160229	0.622176	-1.60726	6.13658	10.008	1.40885	1
cg01570213	TNR3	0.0391488	0.279504	0.838014	-1.1933	0.15273	0.786053	-1.27218	0.0426046	1.44331	1.443311	0.272008	0.835499	-1.19689	0.270209	0.834889	-1.19776		0.134393	1.28882	1.28882	0.0041369	0.54643	-1.83006	0.630335	1.0792	1.0792	0.992853	0.998593	-1.00141	3.71239	1.45266	0.347822	1
cg07669793	CLSTN3;R8P5	0.0160855	0.340569	1.17403	1.17403	0.133607	0.766424	-1.30476	0.303663	0.840194	-1.1902	0.43171	1.13965	1.13965	0.2504353	0.815948	-1.19625		0.564856	0.909273	-1.09978	0.0744344	0.547233	-1.84596	0.00185604	0.356407	-2.80578	0.114257	0.755197	-1.32416	8.875165	2.90891	0.376055	1
cg12805617	CLSTN3;R8P5	0.0106556	0.104099	0.768007	1.30005	0.0083337	0.574436	-1.75165	0.0712792	0.528777	-1.89116	0.166158	0.628869	-2.59523	0.00062627	0.189493	-5.27727		0.5620121	0.916952	-1.09057	0.00718095	0.598553	-1.6707	0.931135	1.0035	1.0035	0.315401	0.857687	-1.16593	5.7915	2.006	0.307884	1
cg13708727	CLSTN3;R8P5	0.0338396	0.376643	1.36271	1.36271	0.0482007	2.16016	2.160161	0.255118	1.49974	1.49974	0.0807004	0.516458	-1.93627	0.00625094	0.296553	-3.37208		0.750561	0.896914	-1.11493	0.591791	1.2028	1.2028	0.0327592	0.426526	-2.34452	0.96068	1.01696	1.01696	3.91451	7.21409	1.63814	1
cg22742344	CLSTN3;R8P5	0.0448657	0.960928	0.994086	-1.00595	0.0233195	0.829312	-1.20581	0.0736964	0.743952	-1.34417	0.904667	1.00062	1.000621	0.991584	1.00829	-1.00829		0.0988829	0.803367	-1.24476	0.00264458	0.615883	-1.62351	0.51257	0.802788	1.2468	0.0107758	1.23659	1.23659	5.52447	0.818316	0.206091	1
cg01170160	CLTA;CLTA	0.000470675	0.0966572	0.721317	-1.38635	0.0441223	1.19088	1.990888	0.832824	1.03859	1.038593	0.0643968	0.506009	-1.97625	0.00110478	0.295608	-3.38286		0.0186619	1.66652	1.666522	0.0912765	0.552516	-1.8099	0.910034	0.0799556	-1.02045	0.00111167	0.422923	2.3644	14.53197	7.38523	0.457139	1
cg05432136	CLTA;CLTA	0.00831858	0.1598013	1.3944	1.0123	0.4335567	0.853251	-1.17178	0.0426046	1.44331	1.443311	0.272008	0.835499	-1.19689	0.270209	0.834889	-1.19776		0.1226829	1.54512	1.545122	0.0125954	0.54643	-1.83006	0.630335	1.0792	1.0792	0.992853	0.998593	-1.00141	3.71239	1.45266	0.347822	1
cg12247001	CLTA;CLTA;CLTA	0.0123839	0.0969859	0.785534	-1.27302	0.0278727	1.4111	1.4111	0.290133	1.1566	1.1566	0.96518	1.00558	1.00558	0.234514	1.17955	1.17955		0.1266515	1.803345	-1.24479	0.00068497	0.502941	-1.9883	0.649806	0.9412246	-1.06244	0.422792	1.89718	1.1146	5.516777	1.53429	0.247212	1
cg06881242	CLTA;CLTA;CLTA	0.0125948	0.127205	1.25201	1.25203	0.454349	1.10944	1.109944	0.00390949	1.6977	1.6977	0.122157	0.795880	-1.25646	0.118144	0.793582	-1.26011		0.0865562	0.772617	-1.2943	0.171428	0.82003	-1.21947	0.814903	1.03247	1.03247	0.534224	0.917795	-1.08957	0.967561	1.16684	0.261415	1
cg04165030	CLTA;CLTB	0.0079568	0.0275457	1.49308	1.49308	0.0015621	1.1044	1.1044	0.2042	1.58767	1.58767	0.03726	0.13726	-2.08823	0.00178763	0.31077	-3.21627		0.0024943	0.775264	-1.28983	0.0735494	0.476662	-2.09741	0.0446466	0.300102	1.0742	1.0742	0.00242498	1.31956	1.31956	0.059839	0.429083	0.0625422	1
cg02151207	CTC	0.00013135	0.0172485	1.2687	1.2687	0.000549968	1.55201	1.55201	0.145132	1.13695	1.13695	0.0209832	0.796274	-1.25585	0.0184609	1.26422	1.26422		0.0074622	1.36022	1.36022	3.91E-05	0.524152	-1.90784	0.00513733	0.738445	-1.3542	0.0056117	1.34755	1.34755	20.579	2.19334	0.0947388	1
cg04285269	CTC	0.00402864	0.140873	1.40873	1.40873	0.413536	0.796899	-1.25482	0.0537422	1.14112	1.141117	0.13861	0.875442	-1.14264	0.0904788	1.13782	1.13782	0.564348	0.810898	-1.23302	0.0716844	0.467883	2.13798	-2.13798	0.0108416	1.14295	1.142953	0.0731227	1.10943	1.10943	4.56585	2.16882	0.293446	1
cg12494208	CTC	0.000481147	0.109103	0.71275	-1.40302	0.0007881	0.374535	-2.67705	0.0034751	0.327921	-3.04951	0.908531	1.02252	1.022522	0.0250058	0.508576	0.340081	-2.86467	0.0033444	0.463071	-2.1595	0.0145020	0.55783	1.00141	1.00141	0.886538	1.88538	0.0031368	0.440375	4.16436	2.59218	0.528779	1
cg14196011	CTC	0.00167936	0.0878005	1.37455	1.37455	0.00107976	0.442678	-2.25898	0.00888022	0.569939	-1.75457	0.00557993	1.84686	1.84686	0.697192	0.936112	-1.06825		0.0610687	0.700201	-1.42816	0.17666	1.27443	1.27443	0.00205469	2.08171	2.08171	0.4998805	0.890539	-1.12291	10.1436	4.57954	0.401309	1
cg18677148	CTC	0.00534452	0.459805	1.1494	1.1494	0.3297	1.49112	1.49112	0.0135962	1.43606	1.436061	0.0159192	0.830449	-1.34417	0.0104062	0.593105	-1.68544		0.15611	1.82525	1.825251	0.0007288	1.138062	-2.74312	0.0413073	2.53732	2.53732	0.0315807	1.838002	-2.77075	3.70105	2.21408	0.598	1
cg12037593	CLTC	0.00889107	0.0282105	0.404595	-2.47161	0.102111	1.86784	1.86784	0.0819981	1.96	1.96	0.34734	0.706523	-1.41538	0.0152083	0.353058	-2.8324		0.475281	1.28855	1.28855	0.00758306	0.30141	-3.3174	0.0091744	3.17522	3.17522	0.548191	0.808815	-1.23638	6.13603	11.8508	1.71675	1
ch.17.1528805CLTC	CLTC	0.0079913	0.0784977	1.50564	1.50564	0.0028301	0.38099	1.50564	0.0162752	1.58051	1.58051	0.38939	0.844841	-1.34593	0.0090702	0.307902	-3.24797		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1
ch.17.1528805CLTC	CLTC	0.0079913	0.0784977	1.50564	1.50564	0.0028301	0.38099	1.50564	0.0162752	1.58051	1.58051	0.38939	0.844841	-1.34593	0.0090702	0.307902	-3.24797		0.0386545	0.254127	-3.93504	0.00163592	0.0757503	-13.2013	0.983369	0.9981488	-1.01199	0.0354129	0.246329	-4.05961	4.859225	25.1809	4.60631	1
cg22624697	CLTC	0.0236903	0.03062	0.365467	-2.73623	0.746813	0.879529	-1.13697	0.0911942	0.478427	-2.09018	0.035831	0.379229	-2.63207	0.00413892	0.218587	-4.57484		0.0075714	0.256307	-3.90157	0.150743	0.54319	-1.84098	0.68911	1.17275	1.17275	0.0236212	0.342677	-2.9182	4.4391	1.10416	2.21087	1
ch.17.1528805CLTC	CLTC	0.00749916	0.00783977	0.2744	-3.64454	0.0852351	0.155488	-6.43115	0.0176855	0.287552	-3.47881	0.0124	0.2829	-3.53432	0.00406617	0.228329	-4.38021		0.0156223	0.179154	-5.58383	0.73719	1.76562	-1.07942	0.429994	0.301017	1.07942	0.0180808	1.54778	1.54778	0.26456	0.5922	0.119772	1
cg06234765	CLTC1;CLTC1	0.00239406	0.409787	0.777263	-1.28657	0.0101591	0.379445	-2.63543	0.054169	0.520361	-1.92174	0.749826	1.10035	1.10035	0.000261109	0.166202	-6.01677		0.0173556	0.420621	-2.37744	0.000348086	0.179198	-5.58043	0.732006	0.902048	-1.10822	0.0293266	0.464261	-2.15396	9.14776	12.9452	1.25788	1
cg00975683	CLTC1;CLTC1	0.0143053	0.1549014	1.29455	1.29455	0.0181631	0.72778	-1.37378	0.0514357	0.728012	-1.37378	0.0195325	0.691799	-1.44572	0.0393537	0.540455	-1.85005		0.2216582	1.58578	1.5857	0.0044866	0.707484	-1.4138	0.0202103	0.4556866	0.707484	-2.41954	0.905675	21.5758	1.51887	1
cg25970495	CLTC1;CLTC1	0.0120991	0.0146579	0.215137	-4.6482	0.0317306	0.702705	-0.73666	0.0352853	0.285488	-3.50277	0.087458	0.381099	-2.623099	0.0155792	0.219467	-4.5565		0.0653379	0.347288	-2.87945	0.0125755	0.204573	-4.88822	0.0049165	0.148795	-6.72065	0.0893284	0.383719	-2.60607	11.55584	23.0162	3.68055	1
cg07251788	CLTC1;CLTC1	0.0168912	0.0573107	0.1979	-5.05305	0.00370757	0.0521316	-19.1822	0.0619666	0.205274	-4.87155	0.0688245	0.215631	-4.63756	0.0989912	0.255979	-3.90657		0.4135777	0.532744	-1.87707	0.0190801	0.117957	-8.47763	0.0036725	0.0518717	-19.2783	0.0087012	0.0805535	-12.4141	4.979997	44.7655	7.99012	1
cg24913827	CTC1;CLTC1	0.0278939	0.2438061	1.45284	1.45284	0.0181631	0.72778	-1.37378	0.0514357	0.728012	-1.37378	0.0195325	0.691799	-1.44572	0.0393537	0.540455	-1.85005		0.0838984	1.61234	1.612334	0.0004756	0.620263	-1.61239	0.0042332	0.413139	-4.14232	0.0728764	0.647883	-1.54339	4.64142	2.09296	0.450934	1
cg14755831	CTC1;CLTC1	0.0184914	0.0308077	0.207183	-4.82665	0.0510902	0.251848	-3.97065	0.163093	0.396921	-2.51939	0.0271132	0.197162	-5.07196	0.0882948	0.311209	-3.21327		0.0830852	0.303931	-3.29022	0.0117844	0.145	-7.04472	0.0484808	0.124272	-8.04688	0.0241853	0.24623	-4.06124	7.37552	2.79913	0.54233	1
cg15044989	CTC1;CLTC1	0.0145122	0.1229121	1.31966	1.31966	0.0188537	0.688689	-1.45127	0.0618388	0.758712	-1.31802	0.0204731	0.681283	-1.46801	0.0412266	0.552213	-1.81022		0.8656979	1.07902	1.079021	0.0022944	0.655016	-1.52642	0.0092553	0.709093	-1.40907	0.0109253	0.832121	1.20172	1.20172	0.884332	0.2829408	0.0625422	1
cg13159325	CLU	0.00140318	0.221048	0.878551	-1.13824	0.157313	1.1645	1.1645	2.08E-05	2.37294	2.37294	0.367795	1.09759	1.09759	0.44328	1.08185	1.08185		0.0428511	1.26441	1.26441	0.076378	0.820018	-1.21949	0.3684621	1.09744	1.09744	0.273609	1.1215	1.1215	10.6826	1.71398	0.142619	1
cg05499834	CLU	0.0057424	0.1788372	-1.27898	0.0705155	0.196899	-1.82082	0.0151437	1.18614	1.186141	0.1761144	1.02062	1.021137	1.0206	0.1211137	1.18614	1.186141	0.2344668	0.978095	1.00356	1.003556	0.4478964	1.10569	-1.10569	0.0145685	1.14295	1.142953	0.0731227	1.10943	1.10943	4.56585	2.16882	0.293446	1
cg24257048	CLU	0.0105041	0.086702	1.27811	1.27811	0.894554	0.982949	-1.01735	0.8831338	1.011138	1.011138	0.2232	1.2232	1.2232	0.0156262	0.917493	1.0093		0.0306075	1.30019	1.300191	0.0357137	0.483742	-2.06722	0.954577	1.00741	1.00741	0.998956	0.9983	-1.00171	1.54978	0.9983	1.47178	0.236771	1
cg04929736	CLU	0.0254764	0.317137	0.800727	-1.12268	0.00474685	1.52142	1.52142	0.0734041	1.2503	1.2503	0.679949	0.954642	-1.04751	0.433546	0.914458	-1.09354		0.6839592	0.955182	-1.04692	0.747804	1.03676	1.03676	0.822528	1.02546	1.02546	0.00336124	1.56275	1.56275	4.32869	0.85844	0.176279	1
cg01775417	CLU	0.0053446	0.459805	1.1494	1.1494	0.3297	1.49112	1.49112	0.0135962	1.43606	1.436061	0.0159192	0.830449	-1.34417	0.0104062	0.593105	-1.68544		0.15611	1.82525	1.825251	0.0007288	1.138062	-2.74312	0.0413073	2.53732	2.53732	0.0315807	1.838002	-2.77075	3.70105	2.21408	0.598	1
cg12037593	CLU	0.00889107	0.0282105	0.404595	-2.47161	0.102111	1.86784	1.86784	0.0819981	1.96	1.96	0.34734	0.706523	-1.41538	0.0152083	0.353058	-2.8324		0.475281	1.28855	1.28855	0.00758306	0.30141	-3.3174	0.0091744	3.17522	3.17522	0.548191	0.808815	-1.23638	6.13603	11.8508	1.71675	1
ch.17.1528805CLTC	CLTC	0.0079913	0.0784977	1.50564	1.50564	0.0028301	0.38099	1.50564	0.0162752	1.58051	1.58051	0.38939	0.844841	-1.34593	0.0090702	0.307902	-3.24797		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1
cg12482375	CLTC	0.0181759	0.0122414	-1.67771	-5.9605	0.0757925	0.322888	-3.09705	0.0454003	0.269076	-3.71642	0.395768	1.64455	1.64455	0.234744	0.490453	2.03893		0.0386545	0.254127	-3.93504	0.00163592	0.0757503	-13.2013	0.983369	0.9981488	-1.01199	0.0354129	0.246329	-4.05961	4.859225	25.1809	4.60631	1
cg22624697	CLTC	0.0236903	0.03062	0.365467	-2.73623	0.746813	0.879529	-1.13697	0.0911942	0.478427	-2.09018	0.035831	0.379229	-2.63207	0.00413892	0.218587	-4.57484		0.0075714	0.256307	-3.90157	0.150743	0.54319	-1.84098	0.68911	1.17275	1.17275	0.0236212	0.342677	-2.9182	4.4391	1.10416	2.21087	1
ch.17.1528805CLTC	CLTC	0.0079913	0.0784977	1.50564	1.50564	0.0028301	0.38099	1.50564	0.0162752	1.58051	1.58051	0.38939	0.844841	-1.34593	0.0090702	0.307902	-3.24797		0.0156223	0.179154	-5.58383	0.73719	1.76562	-1.07942	0.429994	0.301017	1.07942	0.0180808	1.54778	1.54778	0.26456	0.5922	0.119772	1
cg06234765	CLTC1;CLTC1	0.00239406	0.409787	0.777263	-1.28657	0.0101591	0.379445	-2.63543	0.054169	0.520361	-1.92174	0.749826	1.10035	1.10035	0.000261109	0.166202	-6.01677		0.0173556	0.420621	-2.37744	0.000348086	0.179198	-5.58043	0.732006	0.902048	-1.10822	0.0293266	0.464261	-2.15396	9.14776	12.9452	1.25788	1
cg00975683	CLTC1;CLTC1	0.0143053	0.1549014	1.29455	1.29455	0.0181631	0.72778	-1.37378	0.0514357	0.728012	-1.37378	0.0195325	0.691799	-1.44572	0.0393537	0.540455	-1.85005		0.2216582	1.58578	1.5857	0.0044866	0.707484	-1.4138	0.0202103	0.4556866	0.707484	-2.41954	0.905675	21.5758	1.51887	1
cg25970495	CLTC1;CLTC1	0.0120991	0.0146579	0.215137	-4.6482	0.0317306	0.702705	-0.73666	0.0352853	0.285488	-3.50277	0.087458	0.381099	-2.623099	0.0155792	0.219467	-4.5565		0.0653379	0.347288	-2.87945	0.0125755	0.204573	-4.88822	0.0049165	0.148795	-6.72065	0.0893284	0.383719	-2.60607	11.55584	23.0162	3.68055	1
cg07251788	CLTC1;CLTC1	0.0168912	0.0573107	0.1979	-5.05305	0.00370757	0.0521316	-19.1822	0.0619666	0.205274	-4.87155	0.0688245	0.215631	-4.63756	0.0989912	0.255979	-3.90657		0.4135777	0.532744	-1.87707	0.0190801	0.117957	-8.47763	0.0036725	0.0518717	-19.2783	0.0087012	0.0805535	-12.4141	4.979997	44.7655	7.99012	1
cg24913827	CTC1;CLTC1	0.0278939	0.2438061	1.45284	1.45284	0.0181631	0.72778	-1.37378	0.0514357	0.728012	-1.37378	0.0195325	0.691799	-1.44572	0.0393537	0.540455	-1.85005		0.0838984	1.61234	1.612334	0.0004756	0.620263	-1.61239	0.0042332	0.413139	-4.14232	0.0728764	0.647883	-1.54339	4.64142	2.09296	0.450934	1
cg14755831	CTC1;CLTC1	0.0184914	0.0308077	0.207183	-4.82665	0.0510902	0.251848	-3.97065	0.163093	0.396921	-2.51939	0.0271132	0.197162	-5.07196	0.0882948	0.311209	-3.21327		0.0830852	0.303931	-3.29022	0.0117844	0.145	-7.04472	0.0484808	0.124272	-8.04688	0.0241853	0.24623	-4.06124	7.37552	2.79913	0.54233	1
cg15044989	CTC1;CLTC1	0.0145122	0.1229121	1.31966	1.31966	0.0188537	0.688689	-1.45127	0.0618388	0.758712	-1.31802	0.0204731	0.681283	-1.46801	0.0412266	0.552213	-1.81022		0.8656979	1.07902	1.079021	0.0022944	0.655016	-1.52642	0.0092553	0.709093	-1.40907	0.0109253	0.832121	1.20172	1.20172	0.884332	0.2829408	0.0625422	1
cg13159325	CLU	0.00140318	0.221048	0.878551	-1.13824	0.157313	1.1645	1.1645	2.08E-05	2.37294	2.37294	0.367795	1.09759	1.09759	0.44328	1.08185	1.08185		0.0428511	1.26441	1.26441	0.076378	0.820018	-1.21949	0.3684621	1.09744	1.09744	0.273609	1.1215	1.1215	10.6826	1.71398	0.142619	1
cg05499834	CLU	0.0057424	0.1788372	-1.27898	0.0705155	0.196899	-1.82082	0.0151437	1.18614	1.186141	0.1761144	1.02062	1.021137	1.0206	0.1211137	1.18614	1.186141	0.2344668	0.978095	1.00356	1.003556	0.4478964	1.10569	-1.10569	0.0145685	1.14295	1.142

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. 21T vs. N)	Fold-Change(5	F(Error
cg02573873	CMIP	0.0155961	0.0104314	2.89343	2.89343	2.121284	1.542	1.542	0.946198	1.02248	0.264648	1.46752	1.40752	0.00920175	0.336398	-2.97267
cg04714088	CMIP	0.0316447	0.247814	1.89355	1.89355	0.936572	0.958815	-1.04295	0.8967	1.07105	1.07105	0.327638	1.70566	1.70566	0.042529	0.291082	-3.43546
cg22724132	CMIP	0.0407322	0.203528	0.869256	-1.15041	0.112045	0.834728	-1.19799	0.722236	1.03797	1.03797	0.708026	1.04006	1.04006	0.293177	1.12058	1.12058
cg27431918	CMIP;CMIP	0.0009935	0.666751	0.669761	-1.49981	1.53E-05	0.496012	-2.01507	0.156111	0.887976	-1.12616	0.100774	0.867706	-1.15114	0.252449	0.910634	-1.09814
cg04656757	CMIP;CMIP	0.0002417	0.686057	0.965212	-1.03604	0.854146	0.984093	-1.01616	0.521836	1.0582	1.0582	0.952754	1.21145	1.21145	0.000288862	0.598864	-1.66983
cg09862425	CMIP;CMIP	0.0023702	0.845391	1.01786	1.01786	0.0166898	1.30332	1.30332	0.891251	1.01248	1.01248	0.00127692	0.653187	-1.53095	0.00293955	0.650233	-1.44879
cg00823110	CMIP;CMIP	0.0028074	0.0027545	0.372096	-2.68748	0.00127983	0.325012	-3.07681	0.000422174	0.262619	-3.8078	0.00382659	0.393318	-2.54247	0.00710263	0.435026	-2.29871
cg03944072	CMIP;CMIP	0.0029717	0.605957	0.925283	-1.08005	0.000656161	2.07053	2.07053	0.334088	0.865151	-1.15855	0.94491	0.989826	-1.01028	0.108037	1.29629	1.29629
cg03799671	CMIP;CMIP	0.0459402	0.402881	1.32405	0.0011047	2.569754	-3.89055	0.00891946	0.293318	-3.40927	0.554232	0.802585	-1.24675	0.00113381	0.173106	-5.8375
cg02575319	CMIP;CMIP	0.004038	0.000331929	0.206301	-4.84728	0.0756173	0.583424	-1.71402	0.049279	0.542554	-1.84313	0.782045	0.927217	-1.0785	0.00287164	0.327113	-3.05705
cg16353318	CMIP;CMIP	0.0041654	0.01734	2.406197	2.406197	0.0012293	0.574188	-1.74178	0.0154508	0.427234	-2.34064	0.131521	0.598356	0.00383549	0.337725	3.05134	3.05134
cg04759112	CMIP;CMIP	0.0053653	0.6088	0.908868	-1.10027	0.0023405	0.29535	-3.19535	0.962521	0.991339	-1.00874	0.846974	1.03641	1.03641	0.00179442	0.439407	-2.27579
cg05936153	CMIP;CMIP	0.0054378	0.358757	0.870584	-1.47257	0.0023438	0.298093	-3.35465	0.894727	0.992612	-1.00862	0.160079	1.53378	1.53378	0.019572	0.456914	-2.18866
cg03782858	CMIP;CMIP	0.0072903	0.0579818	0.709569	-1.40931	0.0682187	0.721389	-1.38621	0.000678502	0.435734	-2.29498	0.00335707	0.528226	-1.89313	0.001519	0.481748	-2.07577
cg09604106	CMIP;CMIP	0.0103373	0.272385	0.871522	-1.14742	0.0179072	1.41389	1.41389	0.414384	1.10466	1.10466	0.0152575	1.43135	1.43135	0.854335	0.978121	-1.02237
cg00842293	CMIP;CMIP	0.0153357	0.377759	-2.64719	0.8340924	1.08688	1.08688	1.08688	1.24386	1.24386	0.65938	0.838464	-1.19267	0.0650995	0.439253	-2.2659
cg02834118	CMIP;CMIP	0.0137006	0.0164454	0.563982	-1.77311	0.194233	0.764662	-1.30777	0.881631	0.971309	-1.02954	0.00108859	0.389944	-2.56447	0.00917157	0.523907	-1.90874
cg27241576	CMIP;CMIP	0.0143486	0.528887	0.899016	-1.1237	0.0217787	1.654319	1.654319	0.477616	1.14111	1.14111	0.0298937	1.595351	1.595351	0.0211139	0.602318	-1.66025
cg08618173	CMIP;CMIP	0.0154614	0.116978	0.61303	-1.63104	0.3652251	0.765417	-1.30648	0.457848	0.804741	-1.24264	0.647361	0.810604	0.00115381	0.251188	-3.98179	
cg03122201	CMIP;CMIP	0.0212602	0.119641	0.443412	-2.25524	0.000809665	11.3965	11.3965	0.07103791	2.64127	2.64127	0.669368	1.22983	1.22983	0.289147	0.588654	-1.69879
cg03131937	CMIP;CMIP	0.0232533	0.0332886	0.3756	-2.66238	0.0304491	0.36744	-2.72124	0.00885369	0.269842	-3.71138	0.0114517	0.493737	-2.02581	0.0174554	0.308005	-3.24677
cg00739667	CMIP;CMIP	0.023334	0.47588	1.26145	1.26145	0.121133	0.583638	-1.71339	0.0675888	0.92717	1.92717	0.0228642	2.39265	2.39265	0.854368	1.06063	1.06063
cg01494399	CMIP;CMIP	0.0245228	0.0852288	0.722978	-1.38315	0.416356	0.46179	-2.16552	0.0205503	0.59871	-1.67033	0.190408	0.850293	1.21958	0.0002755	0.21368	4.68222
cg07161552	CMIP;CMIP	0.0286074	0.0427026	0.378287	-2.6435	0.0128549	0.27604	-3.62267	0.236288	0.596258	-1.67713	0.595165	1.25039	1.25039	0.004292722	0.203642	4.91057
cg00896193	CMIP;CMIP	0.0298026	0.898103	1.0457	1.0457	0.0486918	0.455995	-2.19301	0.0232337	0.388219	-2.57587	0.0250248	2.53431	2.53431	0.760753	0.901765	-1.10894
cg09845205	CMIP;CMIP	0.0306456	0.2100321	0.788301	-1.26824	0.0138012	2.01181	2.01181	0.0207966	1.52924	1.52924	0.0683901	1.59779	1.59779	0.0151994	0.643337	-1.55464
cg06044014	CMIP;CMIP	0.0324249	0.1158231	0.836152	-1.19596	0.122259	1.191651	1.191651	0.7755551	1.03038	1.03038	0.106008	0.831247	-1.20301	0.864107	1.0181	1.0181
cg06479941	CMIP;CMIP	0.0339203	0.270542	0.73484	-1.36075	0.0161256	1.509721	1.509721	0.1755753	1.18531	1.18531	0.137008	1.544111	1.544111	0.0197341	0.532189	-1.91611
cg16648110	CMIP;CMIP	0.0474923	0.093906	1.31745	1.31745	0.286269	1.47178	1.47178	0.3494	1.15509	1.15509	0.534446	1.09875	1.09875	0.312718	1.16918	1.16918
cg04851702	CMIP;CMIP;CMIP	0.0267821	0.786011	0.919935	-1.08703	0.0041407	3.25071	3.25071	0.71796	1.11765	1.11765	0.0141266	0.395042	-2.53138	0.1535303	0.625844	-1.59784
cg15448445	CMIK;R1;CMIK;R1;CMIK;R1	0.0351357	0.0834767	0.738438	-1.35408	0.0225742	2.025496	-1.4467	0.0028277	0.4046914	-2.8192	0.0137491	0.497737	-2.00931	0.0474046	0.371329	-2.69509
cg08337166	CMIK;R1;CMIK;R1;CMIK;R1	8.60E-05	0.0919015	0.769993	-1.29871	0.0033438	0.518784	-1.92758	0.0040413218	0.452738	-2.20878	0.0655089	0.747378	-1.33801	0.0149844	0.656193	-1.52394
cg26329192	CMIK;R1;CMIK;R1;CMIK;R1	0.0023657	0.1249703	0.776294	-1.28811	0.0017044	0.743563	-1.34515	0.0013782	0.365581	-2.73501	0.0881557	0.68264	-1.46501	0.0011439	0.352868	-2.83407
cg13248299	CMIK;R1;CMIK;R1;CMIK;R1	0.0870895	0.023561	0.252115	-3.96644	0.0135956	0.211027	-4.73872	0.00357208	0.133829	-7.47222	0.2222295	0.520194	-1.92236	0.0145048	0.215541	-4.6395
cg08453449	CMIK;R1;CMIK;R1;CMIK;R1	0.0092079	0.332978	0.777793	-1.28569	0.579694	0.868691	-1.15116	0.828832	0.922778	-1.91286	0.031007	0.528786	-1.89112	0.0044946	0.248167	-4.02955
cg09881253	CMIK;R1;CMIK;R1;CMIK;R1	0.016782	0.661214	0.879408	-1.13702	0.0139734	1.24933	1.24933	0.0147127	0.382249	-2.61609	0.70902	0.886866	-1.12757	0.7141097	1.12507	1.12507
cg23803206	CMIK;R1;CMIPK1	3.03E-05	0.000110963	0.287881	-3.47365	0.000650627	0.383861	-2.60511	0.386477	1.17655	1.17655	0.00395232	0.20387	2.03387	8.74E-06	0.170637	-5.86038
cg06084379	CMIK;R1;CMIPK1	0.0015526	0.001515613	0.307881	-3.24805	0.0060971	1.060971	0.540955	0.0026525	0.670655	-1.07988	0.5916833	0.918721	-1.08711	1.54E-05	0.321144	-3.11387
cg26910270	CMIK;R1;CMIPK1	0.0010642	0.276006	1.24671	1.24671	0.0148432	0.554958	-1.80194	0.000190512	0.294143	-3.39971	0.0592891	1.51337	1.51337	0.140507	1.31509	1.31509
cg10493879	CMIPK1;CMIPK1	0.0012686	0.0579666	0.756907	-1.32117	0.224456	0.847197	-1.18036	0.0281468	0.71397	-1.40062	0.0467217	1.34436	1.34436	0.000356295	0.47482	-2.10606
cg18885999	CMIPK1;CMIPK1	0.0416121	0.1434573	0.816677	-1.22459	0.0966071	1.06071	0.540955	0.0026525	0.670655	-1.07988	0.5916833	0.918721	-1.08711	1.54E-05	0.321144	-3.11387
cg26150157	CMIPK1;CMIPK1	0.0475041	0.0317904	0.555596	-1.97786	0.179788	1.28248	1.28248	0.18596	1.04155	1.04155	0.116846	0.742662	-1.34651	0.122848	0.73002	-1.36982
cg13452400	CMIPK1;CMIPK1	0.0169716	0.0203174	0.668017	-1.49722	0.0138012	2.01181	2.01181	0.0207966	1.52924	1.52924	0.0683901	1.59779	1.59779	0.0151994	0.643337	-1.55464
cg16719845	CMPK2	0.0026749	0.0252041	1.29852	1.29852	0.4740858	1.07407	1.07407	0.391045	0.917367	-1.09008	0.704834	0.96334	-1.03805	0.810941	1.0238	1.0238
cg27218449	CMPK2	0.0077161	0.250329	0.871853	-1.14708	0.0092288	0.685734	-1.4629	0.0110209	0.859766	-1.16321	0.0222331	1.15767	1.15767	0.0203147	0.5203	1.9223
cg04815742	CMPK2	0.0278687	0.535086	0.882487	-1.13316	0.418219	1.17896	1.17896	0.0193473	0.75573	-1.75573	0.9496061	0.98575	1.01266	0.663626	0.955195	-1.09099
cg21044724	CMPK2 CMIT;CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.0325538	0.0318543	0.743977	-1.34413	0.393009	1.10836	1.10836	0.00727673	1.50232	1.50232	0.19286	0.850414	-1.1759	0.251464	1.15127	1.15127
cg05950191	M1;CMIT1;CMIT1;CKLF;CMIT1 M1;CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.0003402	0.099516	0.735225	-1.36013	0.0138553	0.595654	-1.67883	0.146047	1.30456	1.30456	0.192018	0.790349	-1.26526	0.572136	1.10214	1.10214
cg02053054	M1;CMIT1;CMIT1;CMIT1 CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.00136308	0.0323936	1.54658	1.54658	8.57E-05	3.41386	3.41386	0.000210608	2.94087	2.94087	0.00957535	1.77015	1.77015	0.000128184	3.18785	3.18785
cg09839874	M1;CMIT1;CMIT1;CMIT1 CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.00222523	0.287343	0.782911	-1.27728	0.0487071	0.607293	-1.64665	0.0144963	0.513105	-1.94892	0.000437545	0.292019	-3.42443	0.00125215	0.352036	-2.84062
cg26614624	M1;CMIT1;CMIT1;CMIT1 CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.0184352	0.0243261	0.231906	-4.31209	0.00686088	0.148639	-6.72772	0.0282952	0.244176	-4.09541	0.0454663	0.286763	-3.48721	0.00856678	0.163054	-6.20911
cg15691822	M1;CMIT1;CMIT1;CMIT1 CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.0187711	0.496752	0.905028	-1.10494	0.31559	0.860653	-1.16191	0.549336	1.09157	1.09157	0.0168494	1.52458	1.52458	0.302186	1.16716	1.16716
cg00939649	M1;CMIT1;CMIT1;CMIT1 CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.0250159	0.00247257	0.458379	-2.1816	0.874304	1.02978	1.02978	0.0745906	1.44511	1.44511	0.282093	0.812856	-1.23023	0.0386197	0.641438	-1.559
cg05054953	M1;CMIT1;CMIT1;CMIT1 CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.0286382	0.0163876	0.207486	-4.81961	0.0105954	0.178498	-5.6023	0.044659	0.290616	-3.44097	0.232291	0.510935	-1.9572	0.0096048	0.172472	-5.79806
cg09166154	M1;CMIT1;CMIT1;CMIT1 CMIT1;CMIT1;CMIT1;CMIT1;CMIT	0.047949	0.0541212	0.610276	-1.6386	0.0010604	0.335	-2.98508	0.75195	1.07427	1.07427	0.230423	0.752577	-1.32877	0.639195	0.898812	-1.11258
cg05993512	M1;CMIT1;CMIT1;CMIT1;CKLF CMIT1;CMIT1;CMIT2;CMIT1;CMIT	0.0391244	0.22299	1.18127	1.18127	0.176918	1.20531	1.20531	0.0651896	0.763888	-1.30909	0.0178347	1.45452	1.45452	0.0498333	1.33783	1.33783
cg08494005	M1;CMIT1;CMIT1;CMIT1;CMIT1	0.0320532	0.0315191	17.6119	17.6119	0.0101975	39.8297	39.8297	0.0413107	14.5426	14.5426	0.183722	4.97385	4.97385	0.938109	1.09235	1.09235
cg05546863	CMIT2	0.0052838	0.0297644	3.91822	3.91822	0.00807878	6.11824	6.11824	0.0211781	4.39134	4.39134	0.216003	2.04013	2.04013	0.0264914	0.35893	4.35893
cg07153665	CMIT2	0.0287557	0.0107852	4.53773	4.53773	0.0072859	6.51665	6.51665	0.0148261	4.54281	4.54281	0.0914227	2.87553	2.87553	0.0222084	0.42088	4.42088
cg00409664	CMIT2	0.0126346	0.0493494	3.53205	3.53205	0.0102838	6.16685	6.16685	0.0429771	3.70681	3.70681	0.148669	2.3902	2.3902	0.0292167	0.42325	4.42325
cg16626067	CMIT2	0.01411	0.0341865	13.8926	13.8926	0.053004	10.3938	10.3938	0.0624985	9.32018	9.32018	0.0960966	6.99902	6.99902	0.0161067	0.70706	6.70706
cg01683883	CMIT2	0.0147869	0.02388	0.289124	-3.45931	0.0113365	0.34346	0.34346	0.0154746	0.35446	0.35446	0.0288312	0.34644	0.34644	0.0078441	0.58142	1.71983
cg09854734	CMIT2	0.0155761	0.0243242	11.9249	11.9249	0.0711463	6.43307	6.43307	0.0730953	6.3337	6.3337	0.0824934	5.90664	5.90664	0.0123308	17.7718	17.7718
cg08032924	CMIT2	0.0158425	0.047799	0.29279	-3.41529	0.0278744	0.18348	0.18348	0.0350287	11.0671	11.0671	0.124845	5.04422	5.04422	0.0462887	0.47898	2.08777
cg05976575	CMIT2	0.0188647	0.0114627	0.347428	-2.87829	0.0036425	0.2686	-3.72301	0.252466	1.49107	1.49107	0.849082	0.790683	-1.26473	0.133218	0.581963	-1.71832
cg06666025	CMIT2	0.0242615	0.0109576	14.5546	14.5546	0.0145625	5.84487	5.84487	0.0231567	7.55546	7.55546	0.0762986	8.98037	8.98037	0.0195196	23.1004	23.1004
cg06033254	CMIT2;CMIT2	0.0024828	0.0273128	1.78329	1.78329	0.000154224	4.20554	4.20554	0.0138728	3.66099	3.66099	0.754306	1.07202	1.07202	0.00527453	0.25863	2.25863
cg01831391	CMIT2;CMIT2;CMIT2	0.034167	0.417572	1.30383	1.30383	0.0080628	2.96492	2.96492	0.0369983	2.17214	2.17214	0.377865	1.33612	1.33612	0.0613305	2.18004	2.18004
cg10404506	CMIT2;CMIT2;CMIT2;CMIT2	0.0013454	0.0324622	1.70258	1.70258	0.0008257	3.03749	3.03749	0.0104704	2.53504	2.53504	0.0113663	1.46097	1.46097	0.0144552	0.84318	-1.18579
cg26251289	CMIT3;CMIT3;CMIT3;CMIT3	0.0013831	0.0023175	0.289507	-3.45414	0.106452	0.598366	-1.67122	0.0398896	0.500573	-1.99771	0.00550927	0.345441	-2.89486	0.00027166	0.175742	5.69015
cg17346857	CMIT3;CMIT3;CMIT3;CMIT3	0.0133008	0.0148326	0.483309	-2.06907	0.297014	0.7693	-1.29988	0.383251	0.805018	-1.24221	0.0181857	0.498773	-2.00492	0.00484756	0.404051	-2.47493
cg03860859	M3 CMIT3;CMIT3;CMIT3;CMIT3;CMIT	0.0010643	0.865363	0.925196	-1.08005	0.649199	1.23345	1.23345	1.14E-05	71.2409	71.2409	0.670383	1.21672	1.21672	0.0693062	0.394153	-2.53709
cg06134872	M3 CMIT3;CMIT3;CMIT3;CMIT3;CMIT	0.0052489	0.31096	0.891975	-1.12111	0.737518	1.03736	1.03736	0.0326564	1.31339	1.31339	0.770441	1.03242	1.03242	0.00825252	0.69184	-1.44542
cg09233013	M3	0.027329	0.0201251	2.12594	2.12594	0.644172	1.13329	1.13329	0.283363	1.34968	1.34968	0.00412842	2.81449	2.81449	0.00230962	3.14368	3.14368
cg02213341	CMIT4;CMIT4	0.000807	0.00962	0.98216	-1.01816	0.259467	0.858564	-1.16474	0.115383	1.23199	1.23199	0.096419	1.26496	1.26496	0.56E-05	0.389856	-2.56505
cg10027487	CMIT4;CMIT4;CMIT4	0.0008443	0.0202053	1.57445	1.57445	0.0023483	3.14061	3.14061	0.0018999	2.67625	2.67625	0.136671	1.87142	1.87142	0.00162849	0.54044	-1.85045
cg06788767	CMIT4;CMIT4;CMIT4	0.0009794	0.0095345	0.580172	-1.72363	0.0033296	0.515244	-1.94083	0.0581402	0.70097	-1.42659	0.8883357	0.976964	-1.02358	0.2902047	0.833509	-1.19975
cg26.1e.1446	CMIT4;CMIT4;CMIT4	0.0072778	0.1279563	0.748125	-1.33668	0.0175954	0.49469	-2.02104	0.0021857	0.317228	-3.15235	0.0021857	0.317228	-3.15235	0.0021857	0.317228	-3.15235
cg14395546	CMIT4;CMIT4;CMIT4	0.0250341	0.331018	1.25939	1.25939	0.563635	0.13466	0.13466	0.0447757	1.69839	1.69839	0.687716	1.09736	1.09736	0.130871	1.45509	1.45509
cg10021295	CMIT4;CMIT4;CMIT4	0.0276832	0.0895385	1.74718	1.74718	0.0110025	2.58804	2.58804	0.78961	0.923374	-1.08299	0.222372	1.46561	1.46561	0.0131596	0.399557	-2.50027
cg11140307	CMIT4;CMIT4;CMIT4	0.0438373	0.0438373	0.0438373	0.0438373	0.0438373	1.41517	1.41517	0.0438373	0.0438373	0.0438373	0.0438373	1.2477	1.2477	0.0438373	0.0438373	0.0438373
cg10560038	CMIT5;IL25;CMTM5	0.0040621	0.0119512	0.656897	-1.52231	0.418241	1.11721	1.11721	0.455631	0.903199	-1.10718	0.639797	1.06519	1.06519	0.0179748	0.908237	1.10103
cg05497221	CMIT6;CMIT6	0.0077835	0.0076998	0.742553	-1.34677	0.2161	0.724181	-1.38087	0.0833704	0.520654	-1.9163	0.4605907	0.864622	-1.15657	0.0017242	0.282615	-3.53896
cg08729012	CMIT6	0.0022175	0.56519	0.888636	-1.12532	0.000523496	2.9978	2.9978	0.370443	1.20535	1.20535	0.00059076	0.340395	-2.93776	0.752281	0.937723	1.06641
cg27109514	CMIT6	0.0028571	7	7	7	0.201594	0.637169	-1.56944	0.991311	0.996367	0.996367	0.160165	0.913567	1.09485	0.0075432	1.88834	1.88834
cg26286151	CMIT6;CMIT6	0.0458278	0.0045156	0.291118	-3.43503	0.0263192	0.4213	-2.37334	0.176356	0.744864	0.886466	-1.2212	0.00775232	0.188886	-5.29421	0.0018446	0.541
cg02207544	CMIT6;CMIT6	0.0213257	0.305916	1.15973	1.15973	0.230038	1.19249	1.19249	0.0497499	1.36735	1.36735	0.0524201	1.36116	1.36116	0.0354252	1.40828	1.40828
cg21096345	CMIT6;CMIT6	0.0319854	0.0078824	0.5	0.5	0.0017576	0.234107	-4.27156	0.0030979	0.337743	-2.96145	0.0278476	0.736876	1.13124	1.13124	0.0480707	0.603223	-1.65776
cg15081653	CMIT7;CMIT7	0.0059283	0.0076656	0.559717	-1.92412	0.978992	1.00504	1.00504	0.0030789	0.326859	-3.05943	0.155653	0.834064	-1.19895	0.0213646	0.444963	2.24738
cg16865163	CMIT7;CMIT7	0.0076785	0.884931	0.978224	-1.02226	0.907593	0.982501	-1.01781	0.390435	0.87477	-1.14316	0.984117	1.00302	1.00302	0.00791225	1.67843	1.67843
cg21006545	CMIT7;CMIT7	0.0109874	0.0830338	0.592429	-1.68797	0.0087668	2.46497	2.46497	0.0010384	0.719338	-1.39011	0.101684	1.20427	1.20427	0.0038406	0.854671	-1.17004
cg08273666	CMIT7;CMIT7	0.0261617	0.021529	0.60463	-1.66538	0.412559	1.16747	1.16747	0.125964	1.35783	1.35783	0.186772	0.848825	-1.1781	0.1063135	0.743397	1.34518
cg24490795	CMIT7;CMIT7	0.0360945	0.896322	1.03828	1.03828	0.573817	1.30176	1.30176	0.0781752	0.833103	1.20033	0.149729	0.490277	1.38677	1.38677	0.00230453	0.511008	1.19246
cg08196359	CMTM8	0.0004295	4.54E-06	0.0440725	-22.6899	0.779996	1.08652	1.08652	0.0587824	0.531224	-1.88245	0.139695	0.624391	-1.60156	0.095928	0.581648	7.71925
cg18235112	CMTM8	0.0047058	0.0209542	0.23125	-4.32432	0.00122409	0.262426	-12.1002	0.0233086	0.23957	-4.17415	0.204556	0.493783	-2.02518	0.00170629	0.094369	-10.6037
cg22455949	CMTM8	0.0057403	0.2159567	1.84801	1.84801	0.0318402	2.01181	2.01181	0.0207966	1.52924	1.52924	0.0683901	1.59779	1.59779	0.0151994	0.643337	-1.55464
cg10273135	CMYA5	0.0336239	0.0140585	8.1654	8.1654	0.996005	0.996538	-1.00347	0.253084	0.437451	-2.28597	0.174565	2.71899	2.71899	0.00813221	10.4507	10.4507
cg14560584	CNIH6;4;GTSE1	0.0185659	0.4383447	1.09195	1.09195	0.3615289	0.72733	-1.37553	0.70922	0.831453	1.20283	0.0188465	0.716169	1.39604	0.0010871	0.407883	2.45113
cg17475172	CNBD1	0.0001942	0.8067	1.04191	1.04191	0.0496219	0.4552	1.4552	0.767271	0.651621	-1.05086	0.418776	1.14841	1.14841	2.33E-05	0.242646	4.12123
cg13656190	CNBD1	0.0004297	0.140399	1.24809	1.24809	0.0427425	0.413038	0.413038	0.011048	0.626781	-1.61171	0.449132	0.890919	-1.12244	0.00107273	0.559468	1.78189
cg08454110	CNBD1	0.0053471	0.0611171	0.817489	-1.22326	0.758414	1.0299	1.0299	0.16666623	0.756438	1.32198	0.102213	0.843001	1.18624	0.00124771	0.637427	1.56881
cg26153484	CNBP;CNBP;CNBP;CNBP;CNBP;CNBP	0.0004636	0.740799	0.96876	-1.03202	0.0344168	1.26393	1.26393	0.621493	1.04838	1.04838	0.00045249	0.591632	-1.69024	0.00042477	0.588413	-1.69949
cg00000734	CNBP;CNBP;CNBP;CNBP;CNBP;CNBP	0.0015261	0.5698939	1.08703	1.08703	0.1833	0.74833	-1.33635	0.7463321	0.94534	1.04534	0.942785	0.94534	1.04534	0.942785	0.94534	1.04534
cg14941031	CNBP;CNBP;CNBP;CNBP;CNBP;CNBP	0.0199955	0.0683251	0.353089	-2.83215	0.4680319	0.686164	-1.45738	0.4631761	0.683602	-1.46284	0.282836	1.76686	1.76686	0.0327435	0.279636	-3.57608
cg05870978	CNBP;CNBP;CNBP;CNBP;CNBP;CNBP	0.0206745	0.0021349	0.412554	-2.42391	0.3884907	0.814143	-1.19884	0.8369972	0.944818	1.04818	0.064739	1.53065	1.53065	0.0379911	1.47389	1.47389
cg06597216	CNBP;CNBP;CNBP;CNBP;CNBP;CNBP	0.0494012	0.217934	0.74253	-1.34675	0.0111465	0.27663	0.27663	0.6845486	0.910459	-1.09835	0.0164441	0.509993	-1.96081	0.0134564	0.514253	1.24513
cg18102469	CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CN	0.0298641	0.13018	1.33448	1.33448	0.268334	1.2257	1.2257	0.870863	1.02913	1.02913	0.8311168	1.03841	1.03841	0.606742	1.09598	1.09598
cg14462906	CNDP1	0.0363381	0.250485	0.705627	-1.41718	0.652486	1.14067	1.14067	0.00180524	0.275672	-3.6275	0.247864	0.719018	-1.39079

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06587443	CNGA1;CNGA1	0.00964385	0.0062726	0.287342	-3.48018	0.298679	1.45826	1.45826	0.0619748	0.479021	-2.08759	0.44313	0.760458	-1.315	0.00435477	0.263405	-3.79643
cg25111007	CNGA2	5.92E-05	0.221905	1.33522	1.33522	0.254784	1.30702	1.30702	0.000195165	0.243885	-4.10029	9.51E-06	0.116529	-8.58155	1.78E-05	0.138689	-7.21036
cg22040303	CNGA2	0.00573024	0.646607	1.23721	1.23721	0.337883	0.634105	-1.57703	0.111025	0.449093	-2.22671	0.0530766	0.362957	-2.75515	0.00143364	0.11936	-8.37802
cg05564412	CNGA3;CNGA3	7.40E-05	0.00903191	0.622863	-1.60549	0.92037	0.985837	-1.01437	0.811312	1.0347	1.0347	0.00623412	1.6629	1.6629	0.00610877	1.66615	1.66615
cg14087319	CNGA3;CNGA3	0.000168315	0.343786	1.17099	1.17099	0.00525078	0.551101	-1.81455	0.0244547	0.647983	-1.54325	0.675813	0.934194	-1.07044	4.83E-06	0.184327	-5.42515
cg16184827	CNGA3;CNGA3	0.000219943	0.00257038	0.440931	-2.26793	0.582867	0.902017	-1.10863	0.0220864	0.591845	-1.68963	0.00043441	0.327856	-3.05012	0.00405667	0.471604	-2.12042
cg14506141	CNGA3;CNGA3	0.000379885	0.064468	0.749128	-1.33489	0.00224015	0.551498	-1.81324	0.00266635	0.561214	-1.78185	0.000161055	0.408159	-2.45003	0.0031282	0.570154	-1.75391
cg19370054	CNGA3;CNGA3	0.0023332	0.00316935	0.533256	-1.87527	0.86189	0.973206	-1.02753	0.125961	0.772398	-1.29467	0.435806	0.883371	-1.13203	0.0159836	0.631237	-1.58419
cg24778248	CNGA3;CNGA3	0.00242497	0.424623	1.08671	1.08671	0.00373091	1.49094	1.49094	0.351454	1.10273	1.10273	0.0121152	0.726922	-1.37566	0.739233	0.966507	-1.03465
cg24725933	CNGA3;CNGA3	0.00616937	0.418062	1.09999	1.09999	0.166535	0.843774	-1.18515	0.000130627	0.465383	-2.14877	0.561377	1.06997	1.06997	0.169577	1.18353	1.18353
cg19430622	CNGA3;CNGA3	0.0109742	0.834652	0.950623	-1.05194	0.148941	0.687304	-1.45496	0.000335023	0.246248	-4.06095	0.375655	0.802303	-1.24641	0.417631	1.22222	1.22222
cg17590040	CNGA3;CNGA3	0.0158437	0.0227289	1.37737	1.37737	0.104473	1.23169	1.23169	0.577547	1.0683	1.0683	0.751677	1.03798	1.03798	0.0266947	1.36114	1.36114
cg05752578	CNGA3;CNGA3	0.0200868	0.376292	0.77976	-1.28245	0.019664	0.462032	-2.16435	0.109917	0.620374	-1.61193	0.00583101	0.371888	-2.68898	0.0098261	0.408935	-2.44538
cg20535646	CNGA3;CNGA3	0.0255093	0.0211199	0.587087	-1.70333	0.00492229	0.48895	-2.0452	0.0754979	0.683838	-1.46234	0.487638	0.873336	-1.14503	0.095936	0.703852	-1.42075
cg23643987	CNGA3;CNGA3	0.0341829	0.0148501	0.611514	-1.63529	0.147074	0.774625	-1.29095	0.404693	0.869419	-1.15019	0.0467911	1.45293	1.45293	0.0260087	0.648155	-1.54284
cg25541544	CNGA4	5.75E-06	0.00295175	0.555635	-1.79974	0.008804	0.618622	-1.6165	0.211405	0.827322	-1.20872	0.254544	0.842578	-1.18683	5.83E-07	0.137507	-7.27235
cg02218765	CNGA4	0.000413784	4.81E-05	0.369778	-2.70432	0.1715	0.827508	-1.20845	0.0112047	0.661438	-1.51186	0.038124	0.731546	-1.36697	0.159313	0.822329	-1.21606
cg05757894	CNGA4	0.00108301	0.00229842	0.502635	-1.98952	0.400646	0.870325	-1.149	0.245047	1.2169	1.2169	0.0576874	0.707166	-1.4141	0.363973	0.860183	-1.16254
cg05565708	CNGA4	0.00337541	0.00132167	0.120718	-8.28374	0.177618	1.91252	1.91252	0.00463416	0.18182	-5.49994	0.00849634	0.21865	-4.57353	0.0438502	0.350481	-2.85322
cg19678774	CNGA4	0.0339441	0.00239444	0.250512	-3.99183	0.0632596	0.504912	-1.98054	0.21294	0.651083	-1.5359	0.781524	0.913063	-1.09521	0.957718	0.982805	-1.0175
cg19270623	CNGA4	0.0345019	0.0164124	0.13957	-7.16484	0.333218	0.511608	-1.95462	0.573022	0.68223	-1.46578	0.354472	1.89576	1.89576	0.038531	0.200012	-4.99971
cg05882745	CNGA4	0.0412511	0.0292591	0.164383	-6.08335	0.0315537	0.16992	-5.88512	0.0821359	0.258216	-3.87273	0.103523	0.286033	-3.4961	0.0458708	0.200119	-4.99702
cg08099570	CNGB1	1.07E-05	0.126664	0.909662	-1.09931	0.0110701	1.20031	1.20031	2.08E-06	0.512144	-1.95258	0.585475	1.03207	1.03207	0.00132679	0.765255	-1.30675
cg03997653	CNGB1	0.00248652	0.0028096	1.70404	1.70404	0.574949	1.07612	1.07612	0.404984	1.11664	1.11664	0.0408996	0.736723	-1.35736	0.961926	1.0062	1.0062
cg07112337	CNGB1	0.0147701	0.0281444	6.48902	6.48902	0.0160053	8.38941	8.38941	0.189756	2.72326	2.72326	0.237438	2.44178	2.44178	0.0566434	4.74113	4.74113
cg04269043	CNGB1	0.0158613	0.0320676	3.66341	3.66341	0.0202973	4.24905	4.24905	0.180191	2.08726	2.08726	0.143636	2.25338	2.25338	0.0111408	5.1817	5.1817
cg26802194	CNGB1	0.0268226	0.0561367	0.53064	-1.88452	0.0153198	0.418118	-2.39167	0.0190769	0.435556	-2.29592	0.265223	0.711681	-1.40512	0.00753815	0.365244	-2.7379
cg27622625	CNGB1	0.0298493	0.0177916	0.437129	-2.28766	0.0547192	1.86975	1.86975	0.304895	0.737028	-1.3568	0.396133	1.28346	1.28346	0.0363148	0.497109	-2.01163
cg08687941	CNGB1	0.0323889	0.103963	1.71207	1.71207	0.00229321	3.63007	3.63007	0.0581139	1.91125	1.91125	0.56994	1.18966	1.18966	0.115392	1.67816	1.67816
cg08241465	CNGB1	0.0481218	0.0673648	0.274738	-3.63983	0.0248304	0.185708	-5.38479	0.00449247	0.09186	-10.8861	0.231237	0.453171	-2.20667	0.137515	0.364918	-2.74034
cg00973322	CNGB1;CNGB1	0.000103904	0.491933	0.921845	-1.08478	0.260171	0.872029	-1.14675	1.67E-06	0.246335	-4.05952	0.780821	0.968002	-1.03306	0.204651	0.85552	-1.16888
cg16480209	CNGB1;CNGB1	0.00162402	0.0834228	1.36996	1.36996	0.567621	0.909465	-1.09955	0.00111418	0.454359	-2.2009	0.338181	1.17608	1.17608	0.00137123	0.466362	-2.14426
cg10624445	CNGB1;CNGB1	0.00200718	0.319432	0.828624	-1.20682	0.00651788	0.524174	-1.90776	0.000734067	0.391632	-2.55341	0.503735	0.883404	-1.13199	0.396611	0.853336	-1.17187
cg07776629	CNGB1;CNGB1	0.0201896	0.0326774	0.561291	-1.78161	0.0059007	0.435043	-2.29862	0.101558	1.51314	1.51314	0.0491726	0.595223	-1.68004	0.074083	0.631335	-1.58395
cg20794957	CNGB3	0.000369279	0.569189	1.0873	1.0873	0.000270528	0.419451	-2.38407	9.93E-06	0.251398	-3.97775	0.0153528	0.648658	-1.54164	0.0751444	0.749548	-1.33414
cg09567596	CNGB3	0.000436979	0.174824	1.13226	1.13226	0.00105357	1.5175	1.5175	0.137234	0.871295	-1.14772	0.0277433	0.799375	-1.25098	0.000174842	0.578074	-1.72988
cg06690689	CNGB3	0.00582431	0.0108645	0.784138	-1.27529	0.0262859	1.22187	1.22187	0.00965749	0.779572	-1.28276	0.867316	1.01279	1.01279	0.672318	0.96817	-1.03288
cg14283802	CNGB3	0.0166548	0.000408132	0.308592	-3.24053	0.490093	1.15811	1.15811	0.79755	1.0553	1.0553	0.993946	0.998413	-1.00159	0.751259	1.06885	1.06885
cg23301462	CNGB3	0.0254024	0.123468	0.5107	-1.9581	0.558739	1.26889	1.26889	0.0311604	0.361114	-2.76921	0.152598	0.539546	-1.85341	0.207927	0.585822	-1.707
cg16273961	CNIH	0.000593579	4.34E-05	0.143438	-6.97167	0.0238962	0.509408	-1.96306	0.40009	1.24056	1.24056	0.00416675	2.61423	2.61423	0.0727605	1.6503	1.6503
cg07133412	CNIH	0.00206049	0.0181883	0.255889	-3.90794	0.0240462	3.56174	3.56174	0.942364	0.968575	-1.03244	0.113685	0.456612	-2.19004	0.000105389	0.0221139	-45.2204
cg14844466	CNIH	0.0243222	0.00976862	0.130726	-7.64962	0.976435	1.01856	1.01856	0.370067	0.563725	-1.77391	0.624432	0.735461	-1.35969	0.0105961	0.135116	-7.40106
cg02068981	CNIH	0.0296535	0.00530049	0.17678	-5.65676	0.740424	0.854899	-1.16973	0.159945	2.02994	2.02994	0.3982	0.665057	-1.50363	0.0525369	0.353654	-2.82762
cg09700630	CNIH2	2.17E-05	0.0068383	0.435843	-2.2944	?	?	?	0.000697255	3.40797	3.40797	0.00088971	0.307261	-3.25456	0.018785	0.509196	-1.96388
cg02283446	CNIH2	0.00211737	0.979886	0.996283	-1.00373	0.0111729	1.59955	1.59955	0.000309038	2.37466	2.37466	0.328346	0.861546	-1.1607	0.00355673	1.79224	1.79224
cg27138195	CNIH2	0.0117909	0.00941736	0.392237	-2.54948	0.27773	0.725454	-1.37845	0.0300765	0.484126	-2.06558	0.0116877	0.408244	-2.44952	0.862588	1.05049	1.05049
cg25789216	CNIH2	0.016927	0.547027	1.32602	1.32602	0.746709	1.16167	1.16167	0.441858	1.43839	1.43839	0.00180424	0.113709	-8.7944	0.675363	1.21512	1.21512
cg19026260	CNIH2	0.0221416	0.288197	0.653058	-1.53126	0.726195	1.14552	1.14552	0.196102	1.69596	1.69596	0.94388	0.973162	-1.02758	0.084202	0.477949	-2.09227
cg02518775	CNIH2	0.0375045	?	?	?	0.544848	0.899142	-1.11217	0.543666	1.11253	1.11253	0.528243	0.895071	-1.11723	0.100656	0.732012	-1.3661
cg20382233	CNIH2;CNIH2	0.00014226	0.0315595	2.15658	2.15658	0.125347	0.603101	-1.6581	0.0615911	1.89995	1.89995	0.117882	0.595939	-1.67802	0.0291519	0.456748	-2.18939
cg05785805	CNIH3	0.011679	0.798188	1.12918	1.12918	0.00253154	7.29641	7.29641	0.261722	1.74187	1.74187	0.0395684	0.323445	-3.09172	0.0225041	0.273649	-3.65432
cg01808320	CNIH3	0.0191872	0.0670361	0.642287	-1.55694	0.0775616	0.655012	-1.52669	0.00119685	0.35922	-2.78381	0.10961	0.686477	-1.45671	0.0129928	0.514394	-1.94403
cg13893543	CNIH3	0.0201902	0.129779	2.15481	2.15481	0.00695771	5.14408	5.14408	0.0555177	2.76747	2.76747	0.369816	1.54037	1.54037	0.076769	0.397215	-2.51753
cg11526665	CNIH3	0.0202154	0.00439666	0.136835	-7.30806	0.340992	0.598568	-1.67066	0.00682056	0.159906	-6.25366	0.0341551	0.274479	-3.64327	0.866595	0.915819	-1.09192
cg15708127	CNIH3	0.0220136	0.0288002	0.168407	-5.938	0.00172312	0.0455037	-21.9762	0.00504612	0.0771386	-12.9637	0.328192	0.497929	-2.00832	0.0787357	0.259505	-3.8535
cg05701431	CNIH3	0.031869	0.0844526	0.727845	-1.37392	0.203255	1.25049	1.25049	0.751071	1.0544	1.0544	0.530861	0.899729	-1.11145	0.00311211	0.510132	-1.96028
cg07800959	CNIH3	0.0362091	0.00269782	0.415625	-2.40602	0.82553	0.95432	-1.04787	0.973167	0.992902	-1.00715	0.341385	0.812506	-1.23076	0.0107391	0.507166	-1.97174
cg07230107	CNIH3;CNIH3	0.017578	0.36533	0.782328	-1.27824	0.00382249	2.79887	2.79887	0.0756437	1.68523	1.68523	0.959132	0.986567	-1.01362	0.0577125	0.567585	-1.76185
cg25723050	CNIH3;CNIH3	0.0407361	0.549249	0.750577	-1.33231	0.00971212	0.212491	-4.70609	0.746358	0.857564	-1.16609	0.66101	1.23236	1.23236	0.105326	0.432646	-2.31136
cg00716660	CNIH4	0.00281447	0.00636938	0.23414	-4.27095	0.322092	0.658206	-1.51928	0.00496945	0.218592	-4.57473	0.0744	0.443618	-2.25419	0.000791446	0.125776	-7.95061
cg19089070	CNIH4	0.00475646	0.000825766	0.161559	-6.18969	0.0145361	0.336393	-2.97272	0.104558	0.526185	-1.90047	0.297571	0.676504	-1.47819	0.00212784	0.209634	-4.77021
cg05930370	CNIH4	0.0144137	0.00104211	0.0360698	-27.724	0.602508	0.734337	-1.36177	?	?	?	?	?	?	?	?	?
cg16000154	CNIH4	0.0213482	0.0165189	0.751769	-1.3302	0.0530225	1.23887	1.23887	0.237963	1.12798	1.12798	0.211528	1.13682	1.13682	0.00779858	1.39484	1.39484
cg04074923	CNIH4	0.0330439	0.0113451	0.619173	-1.61506	0.319808	1.16819	1.16819	0.411632	1.13536	1.13536	0.0236723	0.664671	-1.5045	0.0174855	0.645714	-1.54867
cg00810607	CNIH4	0.0429807	0.222591	0.774028	-1.29194	0.609986	0.902297	-1.10828	0.0658603	1.51052	1.51052	0.00785653	0.505784	-1.97713	0.877476	0.969638	-1.03131
cg15544650	CNIH4;CNIH4	0.00968396	0.0159333	0.600722	-1.66466	0.484897	0.884668	-1.13037	0.289716	0.82718	-1.20893	0.337215	1.18629	1.18629	0.000353703	0.371325	-2.69306
cg13690126	CNKSR1;CNKSR1	0.000585155	0.0012259	0.19622	-5.09632	0.0049975	0.278221	-3.59426	0.0151602	0.357931	-2.79384	0.0715018	0.500024	-1.99991	3.22E-05	0.0617165	-16.2031
cg00300879	CNKSR1;CNKSR1	0.00122499	0.680233	1.12878	1.12878	0.656031	1.14	1.14	0.188532	1.50265	1.50265	0.00534497	2.92263	2.92263	0.365287	0.761931	-1.31246
cg19740054	CNKSR1;CNKSR1	0.00315078	0.00775549	3.0537	3.0537	0.0035817	3.62551	3.62551	0.0243053	2.40235	2.40235	0.0208368	2.47958	2.47958	0.00836427	3.00428	3.00428
cg25229964	CNKSR1;CNKSR1	0.0152449	0.14733	0.68395	-1.4621	0.773325	0.931877	-1.0731	0.0168927	0.490654	-2.03809	0.579507	1.14653	1.14653	0.0125056	0.468099	-2.1363
cg23602478	CNKSR1;CNKSR1	0.0243983	0.473406	1.21728	1.21728	0.058053	1.78185	1.78185	0.469904	0.820181	-1.21924	0.182353	1.46466	1.46466	0.609258	1.14913	1.14913
cg26412358	CNKSR1;CNKSR1	0.0247432	0.844376	1.04855	1.04855	0.400379	0.812485	-1.23079	0.63957	0.892454	-1.12051	0.258532	1.32895	1.32895	0.0406205	1.76879	1.76879
cg17330765	CNKSR1;CNKSR1	0.0259323	0.0345576	5.47063	5.47063	0.0127774	8.43844	8.43844	0.106646	3.36928	3.36928	0.128138	3.10836	3.10836	0.0389676	5.19593	5.19593
cg15622158	CNKSR1;CNKSR1;CNKSR1	0.00503424	0.0211102	3.09642	3.09642	0.0553855	2.42303	2.42303	0.0385369	2.65601	2.65601	0.27299	1.59197	1.59197	0.0290228	0.350349	-2.8543
cg00147160	CNKSR1;CNKSR1;CNKSR1	0.0132598	0.0129358	2.40582	2.40582	0.00307634	3.16776	3.16776	0.129547	1.59364	1.59364	0.261577	1.39533	1.39533	0.66399	1.13244	1.13244
cg23709290	CNKSR2;CNKSR2;CNKSR2;CNKSR2	0.0261082	0.0554872	0.433697	-2.30576	0.275824	0.646395	-1.54704	0.857496	0.933155	-1.07163	0.00554695	4.06583	4.06583	0.0200615	2.94419	2.94419
cg22724228	CNKSR3	1.09E-05	0.00105383	0.502364	-1.99059	0.00013786	0.392047	-2.55071	0.00284484	0.557878	-1.79251	0.177246	0.815665	-1.22599	2.35E-06	0.195489	-5.11538
cg13777287	CNKSR3	4.44E-05	0.000387033	0.250274	-3.99562	7.11E-06	0.0881669	-11.3421	0.000247574	0.227472	-4.39615	0.00154508	0.328138	-3.0475	0.000950388	0.299562	-3.33821
cg17600918	CNKSR3	0.00337289	0.369984	0.784972	-1.27393	0.707401	0.905599	-1.10424	0.00318172	0.346683	-2.88448	0.811684	0.939163	-1.06478	0.00023196	0.200568	-4.98584
cg01534766	CNKSR3	0.00348464	0.228453	0.702649	-1.42319	0.474649	0.816289	-1.22506	0.904546	0.967061	-1.03406	0.588168	1.1649	1.1649	0.268682	0.724966	-1.37937
cg07519049	CNKSR3	0.00452031	0.131902	0.765976	-1.30552	0.0181342	0.624746	-1.60065	0.878482	0.975229	-1.0254	0.00395982	0.529773	-1.8876	0.0202268	0.631867	-1.58261
cg23528791	CNKSR3	0.00952233	0.00831434	0.224543	-4.45349	0.000873049	0.109621	-9.1223	0.00510315	0.194247	-5.14808	0.100711	0.451095	-2.21683	0.015806	0.270028	-3.70332
cg27269110	CNKSR3	0.0137151	0.0648965	0.568904	-1.75776	0.176602	1.47824	1.47824	0.238394	1.39934	1.39934	0.146015	1.52905	1.52905	0.00148398	0.287296	-3.48073
cg20019720	CNKSR3	0.0148649	0.00761314	0.324559	-3.08111	0.0704089	1.94083	1.94083	0.0376267	0.453475	-2.20519	0.941403	0.976182	-1.0244	0.483919	0.791937	-1.26273
cg24265280	CNKSR3	0.0297601	0.0190994	0.801763	-1.24725	0.20043	1.11109	1.11109	0.596494	1.0425	1.0425	0.81984	1.01793	1.01793	0.145379	0.885338	-1.12951
cg09288789	CNKSR3	0.0372147	0.0133586	0.321814	-3.10738	0.0256597	2.6661	2.6661	0.393964	1.38133	1.38133	0.855346	1.06985	1.06985	0.199953	0.605962	-1.65027
cg07895329	CNKSR3	0.0428642	0.0070951	4.5388	4.5388	0.069185	0.413074	-2.42087	0.965171	0.981192	-1.01917	0.877542	1.06935	1.06935	0.841421	1.09102	1.09102
cg01796104	CNKSR3	0.0438991	0.533528	1.069	1.069	0.428144	0.917969	-1.08936	0.0445584	1.27641	1.27641	0.638354	1.05136	1.05136	0.131478	1.18801	1.18801
cg08877591	CNN1	2.58E-05	0.968918	0.991778	-1.00829	0.538775	0.876462	-1.14095	0.559924	1.13304	1.13304	0.926099	1.01985	1.01985	0.108655	1.44884	1.44884
cg13772174	CNN1	0.00631662	0.034829	0.28459	-3.51382	0.084355	0.37701	-2.65245	0.00767392	0.173673	-5.75795	0.906447	0.941703	-1.06191	0.00298994	0.124855	-8.00927
cg01045132	CNN1	0.00668153	0.210316	0.76484	-1.30746	0.0162236	0.550404	-1.81685	0.0394369	0.61641	-1.6223	0.028932	1.68714	1.68714	0.0289497	0.592766	-1.68701
cg23187744	CNN1	0.014288	0.31348	0.756965	-1.32106	0.0166832	0.458164	-2.18263	0.000423038	0.224995	-4.44454	0.0184794	0.466181	-2.14509	0.127241	0.643714	-1.55349
cg11764115	CNN1	0.0181544	0.00887284	0.342894	-2.91636	0.116407	0.577942	-1.73028	0.163568	0.620131	-1.61256	0.00124482	0.219595	-4.55384	0.0196445	0.4042	-2.47402
cg27390253	CNN1	0.0293558	0.0203095	0.199851	-5.00372	0.62914	0.755725	-1.32323	0.0242539	0.213129	-4.69199	0.0498927	0.276056	-3.62246	0.0151775	0.179662	-5.56602
cg12854483	CNN1;CNN1	0.0147018	0.0283831	0.401554	-2.49033	0.0685773	0.487285	-2.05219	0.00128292	0.191026	-5.23489	0.157595	0.586914	-1.70383	0.122605	0.554348	-1.80392
cg11015549	CNN2;CNN2	0.000648538	0.231644	0.772776	-1.29404	0.00184427	2.48072	2.48072	0.345044	1.22118	1.22118	0.0165287	0.547906	-1.82513	0.880572	1.03137	1.03137
cg02945192	CNN2;CNN2	0.000681121	0.760808	0.95644	-1.04554	0.238776	1.19718	1.19718	0.102671	1.29755	1.29755	0.170729	0.808332	-1.23712	0.355905	1.14857	1.14857
cg04376719	CNN2;CNN2	0.000961622	0.00242862	0.588631	-1.69886	0.00251974	1.69321	1.69321	0.00110968	0.546991	-1.82818	0.592854	0.934482	-1.07011	0.62957	0.940806	-1.06292
cg05220090	CNN2;CNN2	0.0120627	0.156747	1.62313	1.62313	0.759129	1.10335	1.10335	0.0121313	0.367931	-2.7179	0.350693	1.35957	1.35957	0.22408	0.664698	-1.50444
cg09467711	CNN2;CNN2	0.015389	0.309499	0.83797	-1.19336	0.313303	0.839211	-1.1916	0.131247	0.760428	-1.31505	0.101454	0.739774	-1.35176	0.0589957	0.698791	-1.43104
cg16509142	CNN2;CNN2	0.0347642	0.729621	0.923162	-1.08323	0.191085	1.37572	1.37572	0.50138	1.17028	1.17028	0.00468473	0.42054	-2.3779	0.25953	0.762592	-1.31132
cg10658703	CNN2;CNN2	0.0378589	0.096855	0.510796	-1.95773	0.978467	1.01	1.01	0.325841	0.688016	-1.45345	0.193809	0.602433	-1.65994	?	?	?
cg24663131	CNN3	4.36E-06	0.0583445	0.820235	-1.21916	0.824473	1.02079	1.02079	0.0037095	0.695457	-1.4379	0.0386222	0.800996	-1.24845	1.16E-07	0.207772	-4.81298
cg25311623	CNN3	2.20E-05	0.00125867	0.654841	-1.52709	0.000140887	1.80526	1.80526	0.493027	0.939325	-1.06459	0.000365274	1.67096	1.67096	0.0395212	1.23873	1.23873
cg12448539	CNN3	0.000146002	0.00598399	0.756846	-1.32127	0.000950635	1.46516	1.46516	0.000150818	1.65611	1.65611	0.278664	0.91636	-1.09127	0.101896	1.14894	1.14894
cg26619317	CNN3	0.000565595	0.604288	1.02748	1.02748	0.0348706	0.880298	-1.13598	0.518658	0.966644	-1.03451	0.640349	1.0247	1.0247	0.76949	1.01535	1.01535
cg26227186	CNN3	0.000679335	0.0120421	0.773943	-1.29208	0.415233	1.07052	1.07052	0.000244772	1.64215	1.64215	0.00101479	0.671043	-1.49022	0.00536422	0.740772	-1.34994
cg25026898	CNN3	0.00178452	0.0343389	0.716628	-1.39542	0.0225891	1.44566	1.44566	0.0337747	1.39737	1.39737	0.312668	1.15138	1.15138	0.669195	1.05973	1.05973
cg22333836	CNN3	0.00493714	0.00677365	0.589874	-1.69528	0.487057	0.89924	-1.11205	0.246826	1.19978	1.19978	0.0478043	0.711517	-1.40545	0.189699	0.811453	-1.23236
cg19164761	CNN3	0.00734989	0.244662	0.693515	-1.44193	0.0207872	2.30913	2.30913	0.296412	1.38481	1.38481	0.0111421	2.60332	2.60332	0.0602154	0.528675	-1.89152
cg12613632	CNN3	0.00795951	0.246423	1.51957	1.51957	0.00176084	4.65673	4.65673	0.00576637	3.4864	3.4864	0.620649	1.18795	1.18795	0.110394	0.548492	-1.82318
cg10992558	CNN3	0.0114038	0.947455	1.01392	1.01392	0.882946	0.969564	-1.03139	0.0297893	0.584804	-1.70997	0.254561	1.28348	1.28348	0.00214529	0.404774	-2.47052
cg24502126	CNN3	0.0115487	0.841622	0.950811	-1.05173	0.153391	1.47022	1.47022	0.0328148	1.87666	1.87666	0.000430262	0.245504	-4.07325	0.788241	0.934379	-1.07023
cg27231335	CNN3	0.0185632	0.409226	0.856252	-1.16788	0.0968012	1.39817	1.39817	0.00208346	2.21798	2.21798	0.16538	0.76181	-1.31266	0.485176	1.1393	1.1393
cg04267765	CNN3	0.0416431	0.150949	1.6408	1.6408	0.0179441	2.52263	2.52263	0.12782	1.69839	1.69839	0.0644768	1.95081	1.95081	0.307208	1.40506	1.40506
cg22045340	CNN3;CNN3	0.0268482	0.164141	0.758808	-1.31786	0.0867789	1.42145	1.42145	0.0573142	1.49149	1.49149	0.00380712	0.484055	-2.06588	0.481353	1.14232	1.14232
cg06312469	CNNM1	7.55E-05	0.000105774	0.276804	-3.61266	0.286322	0.812413	-1.2309	0.157337	0.752978	-1.32806	0.00412324	0.485872	-2.05815	5.33E-05	0.242948	-4.1161
cg10064248	CNNM1	0.00306516	0.233324	1.13632	1.13632	0.150342	0.854126	-1.17079	0.0105874	0.719792	-1.38929	0.913981	0.98901	-1.01111	0.321549	0.900563	-1.11042
cg13692476	CNNM1	0.00806084	0.000616921	0.575154	-1.73866	0.784121	1.02923	1.02923	0.645449	1.04981	1.04981	0.46125	0.924313	-1.08188	0.53367	1.06838	1.06838
cg27143070	CNNM1	0.0160077	0.314477	1.17182	1.17182	0.0425437	0.70049	-1.42757	0.0266879	0.67014	-1.49223	0.790316	1.04146	1.04146	0.00928152	0.604615	-1.65394
cg26459859	CNNM1	0.019719	0.114192	0.730201	-1.36949	0.132777	0.743188	-1.34555	0.925111	0.982943	-1.01735	0.0485238	1.51045	1.51045	0.00141989	0.429592	-2.32779
cg14431001	CNNM1	0.027119	0.045679	2.23868	2.23868	0.113715	0.545902	-1.83183	0.690596	0.868725	-1.15111	0.350088	1.40257	1.40257	0.847922	1.06986	1.06986
cg15019541	CNNM1	0.0282901	0.0509892	3.13282	3.13282	0.00997362	5.32051	5.32051	0.350192	1.63884	1.63884	0.397796	1.56012	1.56012	0.094912	2.56715	2.56715
cg02909866	CNNM1	0.037003	0.183043	0.74864	-1.33576	0.0312856	1.6782	1.6782	0.00338566	2.26251	2.26251	0.57438	1.1233	1.1233	0.217228	1.30476	1.30476
cg00851482	CNNM1;CNNM1	0.0187266	0.004054	0.318367	-3.14103	0.24264	0.695812	-1.43717	0.701138	1.12117	1.12117	0.982293	1.0066	1.0066	0.0165544	0.41969	-2.38271
cg01968793	CNNM1;CNNM1	0.0354415	0.046666	0.498552	-2.00581	0.102956	1.7248	1.7248	0.0149042	2.49666	2.49666	0.558975	0.834793	-1.1979	0.240997	0.687246	-1.45508
cg11669124	CNNM2;CNNM2	0.000190461	0.605205	0.897549	-1.11414	0.00354232	0.440726	-2.26898	0.0025363	0.419599	-2.38323	0.648201	0.909177	-1.0999	5.25E-06	0.117441	-8.51491
cg15657270	CNNM2;CNNM2	0.000521301	0.575456	1.12964	1.12964	0.0169767	0.534083	-1.87237	0.000111696	0.231436	-4.32085	0.663599	1.09887	1.09887	4.31E-05	0.187572	-5.3313
cg02576296	CNNM2;CNNM2	0.00071995	0.663855	0.926892	-1.07887	0.0388134	1.5149	1.5149	0.449431	1.14318	1.14318	0.0263931	0.633111	-1.5795	3.04E-05	0.242865	-4.11752
cg13267776	CNNM2;CNNM2	0.00124058	0.466033	0.877495	-1.13961	0.000553729	0.388968	-2.57091	0.104042	0.731174	-1.36766	0.963712	0.992017	-1.00805	0.07021	0.70008	-1.42841
cg14287027	CNNM2;CNNM2	0.00983708	0.376183	0.743463	-1.34506	0.0718772	0.518985	-1.92684	0.00802505	0.329973	-3.03055	0.0684035	1.94636	1.94636	0.0137581	0.37005	-2.70234
cg18457491	CNNM2;CNNM2	0.0112369	0.12918	2.02884	2.02884	0.0027788	5.92788	5.92788	0.00554312	4.81896	4.81896	0.281296	1.62122	1.62122	0.77041	0.881377	-1.13459
cg06043500	CNNM2;CNNM2	0.0127875	0.478004	1.20227	1.20227	0.524653	1.17896	1.17896	0.818972	1.06029	1.06029	0.00942401	0.431547	-2.31724	0.138365	0.665372	-1.50292
cg24739849	CNNM2;CNNM2	0.0163837	0.0166223	0.453938	-2.20295	0.213376	1.42454	1.42454	0.766466	0.922719	-1.08375	0.906862	1.03211	1.03211	0.00708549	0.39078	-2.55899
cg20349199	CNNM2;CNNM2	0.0179775	0.0112638	0.481332	-2.07757	0.456719	0.839814	-1.19074	0.218072	0.741999	-1.34771	0.642484	0.897919	-1.11369	0.0710307	0.62845	-1.59122
cg08650961	CNNM2;CNNM2	0.0186615	0.0102472	0.202239	-4.94465	0.0137524	0.222175	-4.50095	0.0228126	0.260404	-3.84019	0.121809	0.436785	-2.28946	0.019979	0.249868	-4.00211
cg05308233	CNNM2;CNNM2	0.0293989	0.266113	0.758389	-1.31858	0.142146	0.686168	-1.45737	0.231159	0.74099	-1.34955	0.660892	0.900002	-1.11111	0.000356595	0.254672	-3.92662
cg23843362	CNNM2;CNNM2;CNNM2	0.00934156	0.713364	1.12815	1.12815	0.456764	1.28108	1.28108	0.497861	1.25222	1.25222	0.982406	1.00723	1.00723	0.000142736	0.117278	-8.52672
cg02927836	CNNM2;CNNM2;CNNM2	0.0130494	0.384475	0.838907	-1.19203	0.665622	0.917915	-1.08943	0.677521	1.08587	1.08587	0.000328739	3.13544	3.13544	0.186518	0.758924	-1.31765
cg18449062	CNNM2;CNNM2;CNNM2	0.0217709	0.0532701	1.89174	1.89174	0.148272	1.56869	1.56869	0.00266208	3.34139	3.34139	0.028381	2.1196	2.1196	0.1997	1.48195	1.48195
cg09873215	CNNM2;CNNM2;CNNM2	0.0443766	0.0153996	0.361159	-2.76886	0.0118485	0.340904	-2.93338	0.0322469	0.423613	-2.36065	0.442835	0.764904	-1.30735	0.00785751	0.310917	-3.21629
cg15439196	CNNM2;CNNM2;CNNM2	0.0473479	0.0102632	0.365231	-2.73799	0.0052614	0.318011	-3.14454	0.230589	0.676004	-1.47928	0.169363	0.633944	-1.57743	0.361178	0.746592	-1.33942

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06587443	0.00492981	0.271377	-3.68492	0.00435672	0.263434	-3.79602	0.404982	0.742013	-1.34769	0.0583251	0.472733	-2.11536	5.97948	11.6143	1.72655	1
cg25111007	0.00617181	0.447381	-2.23523	0.0646311	1.59582	1.59582	0.625876	0.895259	-1.11699	0.0903436	0.656877	-1.52235	25.4622	20.4489	0.713872	1
cg22040303	0.293871	1.65207	1.65207	0.00155808	0.122855	-8.1397	0.00880635	0.214819	-4.65508	0.00997721	0.223079	-4.48272	7.03826	23.6991	2.99305	1
cg05564412	0.00644181	1.65769	1.65769	3.19E-06	0.207128	-4.82792	0.0852983	1.31175	1.31175	0.0141917	0.649464	-1.53973	23.9894	7.73116	0.286466	1
cg14087319	0.0960217	1.34429	1.34429	0.0031045	1.92481	1.92481	0.164438	0.786556	-1.27137	0.496387	1.11827	1.11827	19.2491	7.98665	0.368808	1
cg16184827	0.379059	0.845199	-1.18315	2.36E-05	0.171258	-5.83913	0.00165563	2.4273	2.4273	0.001592	0.409431	-2.44241	22.8578	12.2134	0.415581	1
cg14506141	0.213301	0.833395	-1.19991	1.92E-05	0.299092	-3.34346	0.757691	0.95788	-1.04397	0.131486	0.797382	-1.2541	15.4178	4.72193	0.272235	1
cg19370054	0.000805578	2.2005	2.2005	0.0630946	0.721753	-1.38552	0.00291056	0.528259	-1.89301	0.0682797	0.727309	-1.37493	9.21717	3.55144	0.342495	1
cg24778248	0.000682008	0.589042	-1.69767	0.00493224	0.684027	-1.46193	0.116692	1.18984	1.18984	0.802536	1.02588	1.02588	9.11335	1.501	0.146403	1
cg24725933	0.516979	1.0786	1.0786	0.543661	1.07335	1.07335	0.532917	0.929849	-1.07544	0.163007	1.18707	1.18707	6.87973	1.44504	0.186705	1
cg19430622	0.726309	0.918386	-1.08887	0.0483926	1.727	1.727	0.177396	1.41522	1.41522	0.627691	0.888343	-1.12569	5.73685	5.33253	0.826242	1
cg17590040	0.00546379	1.53586	1.53586	0.00249513	1.63782	1.63782	0.255773	0.869964	-1.14947	0.0817352	1.25422	1.25422	5.08757	1.11096	0.194105	1
cg05752578	0.0757986	0.581897	-1.71852	0.00642807	0.378635	-2.64107	0.730628	0.909652	-1.09932	0.0171697	0.451272	-2.21596	4.69764	5.58524	1.05684	1
cg20535646	0.00442972	0.482204	-2.07381	0.0202589	0.584132	-1.71194	0.108022	0.714057	-1.40045	0.1141	0.718838	-1.39113	4.32675	2.5278	0.519313	1
cg23643987	0.990289	1.002	1.002	0.0300237	0.657776	-1.52027	0.233934	1.22728	1.22728	0.91959	1.01671	1.01671	3.90028	1.6639	0.37921	1
cg25541544	0.332369	0.865905	-1.15486	0.454153	1.11603	1.11603	3.25E-07	0.117722	-8.4946	0.00596892	0.595996	-1.67786	46.8222	15.3723	0.291833	1
cg02218765	0.348271	1.13382	1.13382	0.00669152	1.58012	1.58012	0.0141028	0.674328	-1.48296	0.000228111	0.450888	-2.21784	15.0588	4.03422	0.238131	1
cg05757894	0.932263	0.986369	-1.01382	0.0220699	1.55767	1.55767	6.57E-05	0.306591	-3.26167	0.00523645	0.55178	-1.81232	11.5031	4.74826	0.366917	1
cg05565708	0.239531	1.74617	1.74617	0.251905	1.71894	1.71894	0.425681	1.44508	1.44508	0.00457775	0.181129	-5.52091	8.26287	26.8061	2.8837	1
cg19678774	0.49307	1.25574	1.25574	0.434502	1.29806	1.29806	0.0181517	0.391219	-2.55612	0.101243	0.555954	-1.79871	3.91016	6.62767	1.50666	1
cg19270623	0.476024	0.614705	-1.6268	0.00630306	0.0917358	-10.9009	0.015812	0.137361	-7.28007	0.078934	0.269846	-3.70582	3.88723	27.7555	6.34684	1
cg05882745	0.235002	0.416853	-2.39893	0.140856	0.328413	-3.04495	0.003027	0.0574599	-17.4034	0.0596313	0.224406	-4.4562	3.64151	28.5016	6.95721	1
cg08099570	0.266602	0.93582	-1.06858	0.000145792	1.45448	1.45448	3.26E-05	0.629539	-1.58846	0.000476335	1.36935	1.36935	39.87	2.07379	0.0462344	1
cg03997653	0.713395	0.953358	-1.04892	0.000139171	0.426492	-2.34471	0.39878	1.11835	1.11835	0.283252	1.15529	1.15529	9.04643	2.4019	0.236008	1
cg07112337	0.0119553	9.60312	9.60312	0.00694927	12.4173	12.4173	0.135523	0.31335	-3.19132	0.00963739	10.625	10.625	5.20721	42.9077	7.32449	1
cg04269043	0.0256572	3.9372	3.9372	0.00421374	7.25264	7.25264	0.305485	0.577746	-1.73087	0.0140389	4.797	4.797	5.08569	21.5324	3.76349	1
cg26802194	0.901608	1.0369	1.0369	0.319076	0.739606	-1.35207	0.00487284	0.335108	-2.98411	0.269144	0.713824	-1.40091	4.25148	5.77804	1.20806	1
cg27622625	0.0633049	0.548929	-1.82173	0.0113278	0.402248	-2.48603	0.289585	0.729288	-1.3712	0.323326	0.746049	-1.34039	4.09415	5.34805	1.16113	1
cg08687941	0.0721963	1.83475	1.83475	0.0192489	2.35473	2.35473	0.393199	0.767557	-1.30283	0.13862	1.61962	1.61962	3.97664	5.7615	1.28786	1
cg08241465	0.434146	0.604714	-1.65368	0.376865	0.564654	-1.771	0.0108489	0.133144	-7.51067	0.178092	0.4058	-2.46427	3.43767	21.6287	5.59258	1
cg00973322	0.97652	1.00344	1.00344	0.0012286	1.73523	1.73523	0.275308	1.14147	1.14147	0.241654	0.866852	-1.1536	21.9149	4.71784	0.191361	1
cg16480209	0.0214126	1.57472	1.57472	0.00192187	2.0573	2.0573	0.656267	1.07636	1.07636	0.286751	0.833841	-1.19927	10.2423	4.37715	0.379877	1
cg10624445	7.03E-05	0.265693	-3.76374	0.943162	1.01311	1.01311	0.10598	0.724265	-1.38071	0.610505	0.910414	-1.0984	9.63184	5.09243	0.469963	1
cg07776629	0.0798741	0.638232	-1.56683	0.130172	0.685435	-1.45893	0.947009	0.984759	-1.01548	0.0839376	1.55562	1.55562	4.6895	3.96511	0.751582	1
cg20794957	0.301273	0.855721	-1.16861	0.566243	1.08801	1.08801	0.496835	1.10557	1.10557	0.440493	0.891866	-1.12124	15.5385	5.20834	0.297947	1
cg09567596	0.135829	0.870799	-1.14837	0.000305431	1.65669	1.65669	0.610427	1.04522	1.04522	0.627593	1.04297	1.04297	14.8337	1.74038	0.10429	1
cg06690689	0.20096	1.10815	1.10815	0.0300511	1.21412	1.21412	0.00261677	0.728425	-1.37283	0.309814	0.923199	-1.08319	7.00305	0.641221	0.0813894	1
cg14283802	0.373249	0.825815	-1.21092	0.0864673	1.48665	1.48665	0.276631	1.26735	1.26735	0.411073	0.838624	-1.19243	5.00367	3.47413	0.61717	1
cg23301462	0.759063	0.88347	-1.1319	0.000850492	0.132778	-7.53139	0.46725	1.34704	1.34704	0.15267	0.539613	-1.85318	4.33308	11.1309	2.2834	1
cg16273961	0.00495141	0.394045	-2.53778	0.160843	1.45476	1.45476	0.223799	1.37691	1.37691	0.78749	1.06996	1.06996	13.6247	13.5146	0.881707	1
cg07133412	?	?	?	0.39158	1.47846	1.47846	0.782156	1.13032	1.13032	0.15817	1.97915	1.97915	14.6663	38.3405	1.96064	1
cg14844466	0.105253	0.332147	-3.01071	0.00632772	0.109284	-9.15047	0.0175192	0.165233	-6.05205	0.029713	0.20324	-4.92028	4.39902	27.0154	5.45886	1
cg02068981	0.827897	0.90243	-1.10812	0.00528292	0.176592	-5.66279	0.103385	0.431726	-2.31629	0.199487	0.527712	-1.89497	4.10371	14.4515	3.13027	1
cg09700630	0.361514	0.800628	-1.24902	8.18E-07	0.0438523	-22.8038	0.0762217	1.59626	1.59626	0.599187	0.881858	-1.13397	34.0133	26.9103	0.791171	1
cg02283446	0.93031	1.013	1.013	0.00393665	0.563823	-1.77361	0.990048	1.00184	1.00184	0.549656	1.09354	1.09354	9.48282	3.27691	0.307167	1
cg27138195	0.00157729	0.275162	-3.63423	0.154887	0.648636	-1.5417	0.120241	1.61484	1.61484	0.844827	0.945806	-1.0573	5.60535	7.17753	1.1382	1
cg25789216	?	?	?	0.0174509	0.251526	-3.97573	0.0137903	0.233249	-4.28726	0.999439	0.999675	-1.00032	5.66509	16.6778	2.57596	1
cg19026260	0.842638	1.07983	1.07983	0.000518842	0.123432	-8.10163	0.216322	0.604853	-1.6533	0.902326	1.04859	1.04859	4.54393	10.7464	2.10222	1
cg02518775	0.234197	0.805458	-1.24153	0.00140012	0.448052	-2.23188	0.0391144	0.660869	-1.51316	0.512095	0.891055	-1.12227	3.83141	1.62334	0.423692	1
cg20382233	5.41E-06	0.0433993	-23.0418	0.00421667	3.21554	3.21554	0.089191	1.77066	1.77066	0.0281786	2.2036	2.2036	20.1423	29.6425	1.30814	1
cg05785805	0.497581	0.721416	-1.38616	0.0747543	2.56302	2.56302	0.0229041	3.63516	3.63516	0.925887	1.04511	1.04511	5.62268	20.0226	3.16537	1
cg01808320	0.726704	1.07861	1.07861	0.800998	0.946988	-1.05598	0.019726	0.544805	-1.83552	0.0985516	0.676592	-1.47799	4.77122	3.51464	0.654785	1
cg13893543	0.162257	2.01358	2.01358	0.844914	0.912227	-1.09622	0.00295861	6.77859	6.77859	0.989373	1.00627	1.00627	4.68945	16.3422	3.09768	1
cg11526665	0.685723	0.808333	-1.23711	0.0111237	0.189246	-5.28414	0.593877	0.754651	-1.32512	0.012925	0.1991	-5.02261	4.68746	20.3088	3.85117	1
cg15708127	0.218176	0.408633	-2.44719	0.0305904	0.172846	-5.78549	0.0920272	0.277642	-3.60175	0.244063	0.430827	-2.32112	4.55297	34.422	6.7203	1
cg05701431	0.79361	1.04461	1.04461	0.843501	1.03345	1.03345	0.152104	0.774643	-1.29092	0.0104347	0.58469	-1.71031	3.99974	1.75488	0.389998	1
cg07800959	0.117563	0.697685	-1.43331	0.508475	1.15265	1.15265	0.610291	0.896858	-1.115	0.0392584	0.603406	-1.65726	3.81979	2.71345	0.631436	1
cg07230107	0.554404	1.17096	1.17096	0.0581342	0.568263	-1.75975	0.0187766	2.12009	2.12009	0.531722	0.846044	-1.18197	4.91413	5.4211	0.980591	1
cg25723050	0.936063	1.03872	1.03872	0.00271	0.140674	-7.10861	0.258965	0.572566	-1.74652	0.507934	1.3744	1.3744	3.65845	12.9893	3.15598	1
cg00716660	0.043808	0.387732	-2.5791	0.000237193	0.0829252	-12.0591	0.098106	0.47622	-2.09987	0.0162528	0.300682	-3.32577	8.72165	23.0933	2.35361	1
cg19089070	0.00618405	0.274652	-3.64097	0.00162488	0.19507	-5.12638	0.185644	0.601738	-1.66185	0.100035	0.520892	-1.91978	7.45115	15.4571	1.84396	1
cg05930370	0.559566	1.41487	1.41487	?	?	?	0.968458	0.977102	-1.02343	0.245275	0.484981	-2.06194	7.54464	21.6955	3.45074	1
cg16000154	0.0190621	1.31847	1.31847	0.0894877	1.2001	1.2001	0.676505	1.04173	1.04173	0.106009	1.18768	1.18768	4.6011	0.691676	0.133625	1
cg04074923	0.0499949	0.7132	-1.40213	0.070198	0.736325	-1.3581	0.897038	0.980613	-1.01977	0.735121	1.05269	1.05269	3.94817	1.42989	0.321925	1
cg00810607	0.0262132	1.6939	1.6939	0.167617	0.745322	-1.3417	0.551266	0.886497	-1.12803	0.613402	1.10718	1.10718	3.58645	2.2686	0.562265	1
cg15544650	0.272901	1.21777	1.21777	0.0504961	0.680559	-1.46938	0.49653	1.12659	1.12659	0.842943	0.96633	-1.03484	5.97157	2.81935	0.41967	1
cg13690126	0.00213915	0.226425	-4.41648	0.00100087	0.185916	-5.37876	0.0610763	0.483409	-2.06864	0.00173935	0.214865	-4.65409	13.6791	25.693	1.66957	1
cg00300879	0.0889872	1.73028	1.73028	8.23E-05	7.95499	7.95499	0.00024186	5.89898	5.89898	0.0644384	1.83532	1.83532	11.1062	15.0281	1.20278	1
cg19740054	0.467506	1.27298	1.27298	0.000357618	6.48949	6.48949	0.00261512	3.89901	3.89901	0.012181	2.77298	2.77298	8.4343	14.238	1.50054	1
cg25229964	0.00250636	0.358543	-2.78906	0.289026	0.764231	-1.3085	0.647239	0.893542	-1.11914	0.00384096	0.386001	-2.59067	5.153	4.87114	0.840268	1
cg23602478	0.587582	1.15911	1.15911	0.000984488	3.74643	3.74643	0.0129956	2.29584	2.29584	0.756902	0.919685	-1.08733	4.39426	5.05993	1.02354	1
cg26412358	0.10827	1.52602	1.52602	0.000932098	3.29362	3.29362	0.0684693	1.63563	1.63563	0.125645	1.49154	1.49154	4.3729	4.03032	0.819251	1
cg17330765	0.0691924	4.06273	4.06273	0.00447544	13.649	13.649	0.0105448	9.19418	9.19418	0.0435546	4.95403	4.95403	4.30199	32.3932	6.69316	1
cg15622158	0.939664	1.03133	1.03133	0.00817737	3.9721	3.9721	0.000522211	9.06339	9.06339	0.049306	2.49539	2.49539	7.32332	19.265	2.33835	1
cg00147160	0.0605119	1.82622	1.82622	0.0308641	2.05719	2.05719	0.00158979	3.6315	3.6315	0.0284616	2.08703	2.08703	5.39514	6.91831	1.13984	1
cg23709290	0.0640765	0.448893	-2.2277	0.310634	1.4975	1.4975	0.531657	1.27617	1.27617	0.729694	1.14284	1.14284	4.29184	10.0706	2.08574	1
cg22724228	8.33E-05	0.365608	-2.73517	2.96E-06	0.205113	-4.87536	0.00410131	1.72827	1.72827	0.00227612	0.545315	-1.8338	39.6919	12.6896	0.284181	1
cg13777287	3.33E-05	0.139439	-7.1716	3.57E-05	0.14211	-7.0368	0.000358206	0.246242	-4.06105	0.0220273	0.510645	-1.95831	27.4737	26.0563	0.84303	1
cg17600918	0.0554313	0.565006	-1.76989	0.00155827	0.302459	-3.30624	0.398054	1.25551	1.25551	0.156855	0.671535	-1.48913	8.26471	9.05195	0.973558	1
cg01534766	0.000238631	0.18295	-5.46596	0.000337704	0.199271	-5.01828	0.182573	0.67374	-1.48425	0.0675203	0.564471	-1.77157	8.18457	10.1036	1.0973	1
cg07519049	0.0245037	0.644502	-1.55158	0.000335787	0.387499	-2.58065	0.786003	1.04563	1.04563	0.22592	1.2318	1.2318	7.56737	3.22122	0.378376	1
cg23528791	0.0340674	0.334458	-2.98991	0.0194992	0.286457	-3.49092	0.12797	0.482556	-2.0723	0.105815	0.457381	-2.18636	6.0037	18.6426	2.76017	1
cg27269110	0.0400895	1.90687	1.90687	0.242493	1.39489	1.39489	0.438917	1.23962	1.23962	0.235075	0.712756	-1.403	5.33579	6.25623	1.04222	1
cg20019720	0.563719	0.825809	-1.21093	0.00398592	0.28105	-3.55808	0.0551121	2.04027	2.04027	0.914523	0.965405	-1.03583	5.19621	8.849	1.51375	1
cg24265280	0.00692155	0.761671	-1.3129	0.235354	0.90767	-1.10172	0.071238	0.854748	-1.16994	0.0877685	1.1581	1.1581	4.09849	0.393831	0.0854148	1
cg09288789	0.760243	0.892938	-1.1199	0.0180275	0.345432	-2.89492	0.282004	1.51229	1.51229	0.355388	0.703473	-1.42152	3.78188	8.19843	1.92695	1
cg07895329	0.948162	1.02868	1.02868	0.141365	1.98927	1.98927	0.0210211	3.34383	3.34383	0.177193	0.535958	-1.86582	3.59007	10.7518	2.66211	1
cg01796104	0.367668	0.906732	-1.10286	0.00544748	0.679189	-1.47234	0.164584	1.16986	1.16986	0.256112	0.882122	-1.13363	3.55831	0.630895	0.157601	1
cg08877591	0.807171	1.05318	1.05318	2.57E-07	0.0389594	-25.6678	0.00137701	0.374103	-2.67306	0.226594	0.76414	-1.30866	31.6844	22.5282	0.632019	1
cg13772174	0.190401	0.492404	-2.03085	0.00105237	0.084068	-11.8951	0.00309409	0.126412	-7.91061	0.033513	0.281124	-3.55715	6.82969	28.2346	3.67475	1
cg01045132	0.311234	0.808344	-1.2371	0.0063187	0.485684	-2.05895	0.017256	0.554811	-1.80242	0.0262717	1.70794	1.70794	6.71171	4.38415	0.580631	1
cg23187744	0.15142	0.663286	-1.50764	0.734827	0.913199	-1.09505	0.599058	0.867882	-1.15223	0.0491394	0.5489	-1.82183	5.2645	5.94788	1.00428	1
cg11764115	0.0927807	0.551899	-1.81193	0.779379	0.913702	-1.09445	0.160972	0.618051	-1.61799	0.0174881	0.394739	-2.53332	4.86114	7.95143	1.45397	1
cg27390253	0.174997	0.435951	-2.29384	0.00620981	0.128293	-7.79466	0.017148	0.187891	-5.32223	0.106723	0.362888	-2.75567	4.11842	21.6066	4.6634	1
cg12854483	0.355422	0.715179	-1.39825	0.01001	0.317714	-3.14748	0.00393673	0.254625	-3.92735	0.144994	0.575821	-1.73665	5.21519	10.2711	1.75064	1
cg11015549	0.339113	1.22439	1.22439	0.0345117	0.602567	-1.65957	2.96E-05	5.37112	5.37112	0.923846	0.980547	-1.01984	13.292	8.88687	0.5943	1
cg02945192	0.0180956	0.657874	-1.52005	0.00756911	1.65059	1.65059	2.08E-05	0.285658	-3.50069	0.981577	0.996638	-1.00337	13.111	4.41818	0.299541	1
cg04376719	0.0483894	1.32732	1.32732	0.00397979	0.615028	-1.62594	0.00456945	0.622439	-1.60658	0.149044	1.21443	1.21443	11.8977	2.9702	0.221906	1
cg05220090	0.0445818	2.09073	2.09073	0.301475	0.710104	-1.40824	0.00116847	0.217839	-4.59055	0.714221	0.889041	-1.12481	5.56408	9.01159	1.43965	1
cg09467711	0.242921	1.22801	1.22801	0.117465	1.33082	1.33082	0.000602089	0.410914	-2.4336	0.559616	0.905596	-1.10425	5.13697	2.29852	0.39773	1
cg16509142	0.785312	0.939021	-1.06494	0.00484741	0.422812	-2.36512	0.435201	0.83239	-1.20136	0.74551	1.07793	1.07793	3.8766	3.25995	0.747493	1
cg10658703	0.0269056	0.380578	-2.62758	0.0639119	0.464109	-2.15467	0.00206309	0.201976	-4.95108	0.911373	0.959789	-1.0419	3.81813	7.30333	1.9128	1
cg24663131	6.05E-06	0.390852	-2.55852	0.000911852	0.63171	-1.583	0.013354	1.3283	1.3283	0.000252687	0.571873	-1.74864	50.2931	6.83515	0.120806	1
cg25311623	4.03E-05	2.02373	2.02373	0.0011623	1.53549	1.53549	4.13E-06	2.60953	2.60953	0.143658	0.868257	-1.15173	33.03	4.22881	0.113804	1
cg12448539	6.16E-05	0.563813	-1.77364	0.0367403	1.20703	1.20703	0.22744	1.10324	1.10324	0.0126663	1.27162	1.27162	20.002	1.90486	0.0846519	1
cg26619317	0.650895	1.0239	1.0239	2.11E-05	0.641166	-1.55966	0.0244854	1.14907	1.14907	0.0024899	1.24349	1.24349	13.8092	0.587938	0.0378451	1
cg26227186	0.334019	0.921697	-1.08495	0.012047	1.29206	1.29206	0.187894	0.892083	-1.12097	0.0535556	0.835761	-1.19651	13.1206	1.39159	0.0942771	1
cg25026898	0.00875685	0.637174	-1.56943	0.000162052	0.419367	-2.38455	0.173492	1.21588	1.21588	0.395797	1.12455	1.12455	9.96671	2.87583	0.256483	1
cg22333836	0.684368	1.0634	1.0634	0.12497	0.778964	-1.28376	0.00490157	1.75196	1.75196	0.00239588	1.88956	1.88956	7.36698	2.63938	0.318464	1
cg19164761	0.369008	0.757716	-1.31976	0.029768	0.463426	-2.15784	0.00251876	3.5305	3.5305	0.543562	0.831198	-1.20308	6.51511	9.33069	1.27303	1
cg12613632	0.181795	1.63113	1.63113	0.00915555	3.13493	3.13493	0.00642758	3.39952	3.39952	0.965478	1.01505	1.01505	6.35428	11.9927	1.67764	1
cg10992558	0.081761	0.667202	-1.4988	0.0135152	0.526584	-1.89903	0.0401172	1.64475	1.64475	0.0800856	0.665391	-1.50288	5.66622	3.94971	0.619612	1
cg24502126	0.893243	0.966715	-1.03443	0.294149	0.760082	-1.31565	0.105532	0.640299	-1.56177	0.741561	1.08702	1.08702	5.64314	5.68086	0.894831	1
cg27231335	0.0272522	0.618523	-1.61675	0.261198	0.806178	-1.24042	0.519184	0.886785	-1.12767	0.124737	1.35742	1.35742	4.8248	2.58341	0.47595	1
cg04267765	0.0215698	2.42992	2.42992	0.756485	0.904768	-1.10526	0.0054651	3.24015	3.24015	0.709853	0.88671	-1.12776	3.62878	5.9488	1.45719	1
cg22045340	0.247736	0.798776	-1.25191	0.132861	0.739723	-1.35186	0.234116	1.26099	1.26099	0.30158	0.819558	-1.22017	4.25006	2.3267	0.486623	1
cg06312469	0.00031314	0.334083	-2.99327	1.67E-05	0.190243	-5.25644	7.04E-05	0.256443	-3.8995	0.00302435	0.46648	-2.14372	23.8606	13.3028	0.495575	1
cg10064248	0.879212	1.01567	1.01567	9.56E-05	2.03468	2.03468	0.672213	0.957409	-1.04449	0.335684	0.903455	-1.10686	8.50369	1.40864	0.147245	1
cg13692476	0.326473	0.899156	-1.11215	0.00186967	0.629437	-1.58872	0.0176965	0.738818	-1.35351	0.75706	0.967966	-1.03309	6.32904	1.10361	0.154997	1
cg27143070	0.858014	0.973073	-1.02767	0.00910491	1.65713	1.65713	0.143419	1.27082	1.27082	0.266055	0.838072	-1.19321	5.07018	1.86575	0.327099	1
cg26459859	0.0812489	0.702093	-1.42431	0.259527	1.24016	1.24016	0.433254	1.15758	1.15758	0.931515	1.01585	1.01585	4.72722	2.50707	0.47142	1
cg14431001	0.0225719	2.61328	2.61328	0.00191596	4.69016	4.69016	0.233341	1.55196	1.55196	0.382517	1.37026	1.37026	4.23512	8.29823	1.74167	1
cg15019541	0.0759424	2.75826	2.75826	0.00188979	9.60604	9.60604	0.0263241	3.87054	3.87054	0.125943	2.34111	2.34111	4.1726	17.4399	3.71522	1
cg02909866	0.924052	1.01973	1.01973	0.216774	1.30514	1.30514	0.031774	1.67488	1.67488	0.0857261	1.47574	1.47574	3.78975	2.52013	0.591099	1
cg00851482	0.118972	0.605375	-1.65187	0.0177227	0.425123	-2.35226	0.0215325	0.44094	-2.26788	0.00845812	0.368915	-2.71065	4.81055	6.70249	1.23848	1
cg01968793	0.106719	0.583816	-1.71287	0.0304245	0.459618	-2.17572	0.184723	0.650603	-1.53704	0.627623	0.861255	-1.1611	3.84961	5.69266	1.31445	1
cg11669124	0.372936	0.827296	-1.20876	0.204174	1.32016	1.32016	0.857219	0.963359	-1.03803	0.00034391	0.302904	-3.30137	18.6161	12.6671	0.604833	1
cg15657270	0.107653	1.45973	1.45973	0.628396	1.11079	1.11079	0.0735171	0.650595	-1.53705	0.185994	0.739268	-1.35269	14.126	10.3841	0.653428	1
cg02576296	0.00531829	0.528551	-1.89197	0.378441	1.16987	1.16987	0.0447794	1.49172	1.49172	0.0462194	0.672659	-1.48664	12.9088	6.16252	0.424344	1
cg13267776	4.38E-05	0.25526	-3.91757	0.73166	1.06252	1.06252	0.409967	0.862049	-1.16003	0.00556913	0.526514	-1.89928	11.0662	5.43925	0.436907	1
cg14287027	0.0108337	0.351863	-2.84201	0.0176625	0.389827	-2.56524	0.0761395	1.90436	1.90436	0.90188	1.04108	1.04108	5.94173	10.0262	1.49993	1
cg18457491	0.307101	1.57808	1.57808	0.376152	1.47978	1.47978	0.00117691	7.79883	7.79883	0.853301	0.923236	-1.08315	5.69327	16.788	2.6211	1
cg06043500	0.00245648	0.341026	-2.93233	0.675992	0.898227	-1.1133	0.0385439	1.84415	1.84415	0.0238883	0.502429	-1.99033	5.45944	5.63823	0.917999	1
cg24739849	0.00693345	0.389255	-2.56901	0.036243	0.518118	-1.93006	0.395237	0.790469	-1.26507	0.0122564	0.430612	-2.32228	5.03114	5.81074	1.02663	1
cg20349199	0.00394768	0.409416	-2.4425	0.0283563	1.81497	1.81497	0.686737	1.09788	1.09788	0.229691	1.3368	1.3368	4.87718	4.09757	0.746802	1
cg08650961	0.0334555	0.293115	-3.41163	0.010288	0.202498	-4.93833	0.269197	1.76527	1.76527	0.268879	0.566255	-1.76599	4.81621	18.6055	3.43386	1
cg05308233	0.313419	0.779701	-1.28254	0.327275	0.785558	-1.27298	0.372884	0.803857	-1.244	0.308869	0.777743	-1.28577	4.11628	3.71359	0.80193	1
cg23843362	0.622059	1.17632	1.17632	0.11552	0.571675	-1.74925	0.898116	0.958997	-1.04276	0.596932	1.19056	1.19056	6.04045	10.2189	1.50377	1
cg02927836	0.986448	1.00335	1.00335	0.166753	0.747962	-1.33697	0.16191	0.745126	-1.34206	0.712502	1.07563	1.07563	5.42343	3.33314	0.546294	1
cg18449062	0.272305	0.717666	-1.39341	0.211167	1.46591	1.46591	0.0358113	2.03221	2.03221	0.0114689	2.50511	2.50511	4.57031	6.10156	1.1867	1
cg09873215	0.506477	0.793843	-1.25969	0.110394	0.551066	-1.81466	0.375877	0.732515	-1.36516	0.0955181	0.534069	-1.87242	3.54397	6.58481	1.65158	1
cg15439196	0.0799493	0.546137	-1.83104	0.0290135	0.44876	-2.22836	0.11443	0.585934	-1.70668	0.0722183	0.535443	-1.86761	3.45879	5.30964	1.36455	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05941634	CNNM3;CNNM3	1.61E-06	0.00183092	0.762276	-1.31186	7.16E-07	2.27665	2.27665	0.341194	0.941638	-1.06198	0.00113718	1.34108	1.34108	2.50E-07	0.389701	-2.56607
cg26153687	CNNM3;CNNM3	0.0289929	0.946345	0.983608	-1.01667	0.234124	1.3584	1.3584	0.335859	0.783718	-1.27597	0.786656	1.06889	1.06889	0.915835	0.974373	-1.0263
cg15780398	CNNM4	0.000485631	0.00534482	0.397494	-2.51576	0.635244	0.886787	-1.12767	0.001071	0.296658	-3.37089	0.000153508	0.195622	-5.1119	0.00206148	0.335786	-2.97808
cg23689052	CNNM4	0.00308648	0.00197627	0.241574	-4.13952	0.0228267	0.412595	-2.42368	0.101937	0.558882	-1.78928	0.0115284	0.358127	-2.79231	0.00230051	0.25043	-3.99312
cg08313757	CNNM4	0.00561662	0.234365	0.578711	-1.72798	0.00379353	5.54766	5.54766	0.0235716	3.27505	3.27505	0.0391112	2.85079	2.85079	0.79908	0.894123	-1.11841
cg05045329	CNNM4	0.00700879	0.330775	1.20163	1.20163	0.00931091	1.82909	1.82909	0.00379546	2.04357	2.04357	0.915061	0.980661	-1.01972	0.251666	0.803162	-1.24508
cg01376245	CNNM4	0.010487	0.00852528	1.56065	1.56065	0.275525	0.860351	-1.16232	0.972666	1.00455	1.00455	0.976152	0.996044	-1.00397	0.00053047	0.488988	-2.04504
cg00711916	CNNM4	0.0133318	0.231589	0.658921	-1.51763	0.00196057	4.28526	4.28526	0.00674894	3.21429	3.21429	0.0224172	2.48289	2.48289	0.660931	0.863514	-1.15806
cg19577896	CNNM4	0.013498	0.996791	1.00062	1.00062	0.0368178	1.45698	1.45698	0.00643686	0.576981	-1.73316	0.501689	1.11162	1.11162	0.00713614	0.583189	-1.71471
cg12942038	CNNM4	0.0159099	0.737981	0.956488	-1.04549	0.199317	0.835525	-1.19685	0.616957	0.935365	-1.0691	0.638903	1.06463	1.06463	0.0887085	1.2825	1.2825
cg17149980	CNNM4	0.0193296	0.656378	1.05286	1.05286	0.00771784	0.674574	-1.48242	0.572001	0.936428	-1.06789	0.932793	1.00975	1.00975	0.0345116	0.753084	-1.32787
cg24506130	CNNM4	0.019446	?	?	?	0.383165	0.643575	-1.55382	0.196702	0.506484	-1.97439	0.434773	0.675688	-1.47997	0.00324206	0.109316	-9.14779
cg11158729	CNNM4	0.0292818	0.0448208	0.382091	-2.61718	0.992081	1.00415	1.00415	0.651546	0.827019	-1.20916	0.0395407	0.369862	-2.70371	0.0730308	0.433747	-2.30549
cg00099835	CNNM4	0.030504	0.0341776	0.300069	-3.33257	0.688457	0.821762	-1.2169	0.343022	0.621398	-1.60928	0.0590615	0.354092	-2.82413	0.0101533	0.206155	-4.85073
cg01628245	CNNM4	0.0362544	0.0394306	0.385137	-2.59648	0.53769	0.778868	-1.28391	0.960221	0.980224	-1.02017	0.109265	0.496909	-2.01244	0.0690897	0.442827	-2.25822
cg05601063	CNO	0.000259977	0.252918	0.811467	-1.23234	0.136636	0.755379	-1.32384	0.051493	1.47377	1.47377	0.454067	0.8751	-1.14273	6.89E-06	0.174867	-5.71864
cg04035922	CNO	0.00219051	0.744706	0.901488	-1.10928	0.753039	0.904671	-1.10537	0.331171	0.727427	-1.37471	0.511764	0.809603	-1.23517	0.0508154	0.493505	-2.02632
cg23515892	CNO	0.00475524	0.406014	0.883324	-1.13209	0.000311734	2.34757	2.34757	0.245994	1.19372	1.19372	0.481785	0.900914	-1.10998	0.796181	1.0385	1.0385
cg07980242	CNO	0.0220582	0.00124477	0.43193	-2.31519	0.2969	0.824925	-1.21223	0.0129171	0.577398	-1.73191	0.683121	0.929563	-1.07577	0.314275	0.830938	-1.20346
cg27560555	CNO	0.022282	0.161312	0.390222	-2.56265	0.00635669	0.107042	-9.34214	0.0477681	0.240783	-4.15312	0.773106	1.19944	1.19944	0.0275104	0.193988	-5.15496
cg02057157	CNO	0.0264468	0.00543497	0.309801	-3.22788	?	?	?	0.011794	0.365131	-2.73874	0.0540628	0.496346	-2.01473	?	?	?
cg27181650	CNO	0.0310685	0.465651	1.15099	1.15099	0.686859	0.92612	-1.07977	0.698005	1.07664	1.07664	0.491843	1.14136	1.14136	0.139937	1.35092	1.35092
cg20644952	CNO	0.0420912	0.362042	0.717165	-1.39438	0.0337027	0.414745	-2.41112	0.72055	0.880326	-1.13594	0.0908098	1.93691	1.93691	0.0145904	0.343919	-2.90766
cg09495017	CNOT1	0.00108552	0.371249	1.17805	1.17805	0.000115764	0.299331	-3.34078	0.000481437	0.376289	-2.65753	0.0104784	1.77716	1.77716	0.221205	1.258	1.258
cg05875154	CNOT1	0.00446565	0.0475559	0.465848	-2.14662	0.0346032	2.29449	2.29449	0.164235	1.6492	1.6492	0.0778109	0.516523	-1.93602	0.0464132	0.463482	-2.15758
cg03665229	CNOT1	0.0181132	0.292631	0.875246	-1.14254	0.0175042	0.70262	-1.42324	0.0172777	0.701911	-1.42468	0.173654	0.838054	-1.19324	0.178702	0.839988	-1.19049
cg07618626	CNOT10	5.71E-06	0.00289459	0.406282	-2.46135	0.157	1.39499	1.39499	0.20605	1.34093	1.34093	0.377283	0.819343	-1.22049	0.494934	1.16465	1.16465
cg06081371	CNOT10	0.000132403	0.000205457	0.68526	-1.4593	0.0741581	1.12854	1.12854	0.0022256	1.29741	1.29741	5.13E-05	0.630805	-1.58528	0.0562451	0.876878	-1.14041
cg01971555	CNOT10	0.000197522	0.000133238	0.238233	-4.19757	0.000943981	0.343666	-2.9098	0.0118272	0.506226	-1.9754	0.256618	0.773786	-1.29235	0.000165722	0.249087	-4.01466
cg08558996	CNOT10	0.00575042	0.0465989	0.644205	-1.5523	0.00234101	0.440579	-2.26974	0.00247768	0.444075	-2.25187	0.0648125	0.670197	-1.4921	0.0694234	1.47983	1.47983
cg04081091	CNOT10	0.0169443	0.00377345	0.708609	-1.41122	0.0450173	1.22471	1.22471	0.0100742	1.33132	1.33132	0.467643	0.936948	-1.0673	0.394167	1.07995	1.07995
cg27416337	CNOT10	0.0200875	0.108562	0.46637	-2.14422	0.0247679	0.312013	-3.205	0.0123457	0.257279	-3.88683	0.713445	0.85152	-1.17437	0.00432642	0.189757	-5.26989
cg26340532	CNOT10	0.0348516	0.00245788	0.35554	-2.81262	0.026363	1.90889	1.90889	0.99988	1.00004	1.00004	0.113242	1.52673	1.52673	0.876639	0.962583	-1.03887
cg16529639	CNOT10;CNOT10	0.000132389	0.932876	0.973476	-1.02725	0.904888	1.03888	1.03888	0.77914	1.09386	1.09386	0.645626	1.15923	1.15923	0.886164	1.04677	1.04677
cg05150224	CNOT1;CNOT1	7.43E-06	0.00584618	0.701868	-1.42477	1.39E-05	0.41088	-2.4338	0.289783	1.11382	1.11382	0.0209912	0.761535	-1.31314	7.18E-07	0.268214	-3.72837
cg04646096	CNOT1;CNOT1	0.000698874	0.00349636	0.717265	-1.39418	0.295217	0.912975	-1.09532	0.474454	1.06291	1.06291	1.82E-05	2.08246	2.08246	0.0614071	1.19334	1.19334
cg10389114	CNOT1;CNOT1	0.00461971	0.648232	0.897734	-1.11392	0.455839	1.19528	1.19528	0.477775	1.18473	1.18473	0.161164	1.42117	1.42117	0.00340934	0.392701	-2.54647
cg11614860	CNOT1;CNOT1	0.00740517	0.551137	1.1353	1.1353	0.826423	1.0473	1.0473	0.506906	1.15221	1.15221	0.324672	1.23864	1.23864	0.000379401	0.302798	-3.30253
ch.16.1297358	CNOT1;CNOT1	0.0135527	0.0658866	0.584957	-1.70953	0.00297506	2.88379	2.88379	0.0677981	1.70163	1.70163	0.287774	1.33214	1.33214	?	?	?
cg08516450	CNOT1;CNOT1	0.0169917	0.00606922	1.59297	1.59297	0.00274094	0.581369	-1.72008	0.157639	0.826996	-1.2092	0.782915	0.966206	-1.03498	0.143639	1.21859	1.21859
cg07284286	CNOT1;CNOT1	0.028213	0.51625	0.961544	-1.03999	0.769285	1.01768	1.01768	0.160392	0.914526	-1.09346	0.299354	0.937926	-1.06618	0.00581538	0.806376	-1.24012
cg03147337	CNOT1;CNOT1;CNOT1;CNOT1	0.000167416	6.45E-06	0.0573467	-17.4378	0.528369	0.833927	-1.19915	0.880824	0.958244	-1.04358	8.69E-05	0.135146	-7.39938	0.418626	1.26487	1.26487
cg10559633	CNOT1;SNORA46;CNOT1	0.00505874	0.947405	0.984147	-1.01611	0.301311	0.771503	-1.29617	0.344281	0.7898	-1.26614	0.488071	1.18606	1.18606	8.27E-05	0.179528	-5.57016
cg01549618	CNOT1;SNORA50;CNOT1	3.36E-05	4.83E-06	0.35989	-2.77863	0.000672554	0.60123	-1.66326	0.836593	0.980001	-1.02041	4.50E-05	0.469877	-2.12822	9.05E-06	0.390657	-2.55979
cg06482535	CNOT1;SNORA50;CNOT1	0.000418867	0.00581608	0.446627	-2.239	0.00283758	0.399688	-2.50195	0.0401177	0.589025	-1.69772	0.099653	1.49585	1.49585	0.00013587	0.229051	-4.36585
cg23949612	CNOT2	0.00025017	0.207003	1.3431	1.3431	0.00182142	2.67039	2.67039	0.00542548	2.25031	2.25031	0.976508	1.00655	1.00655	0.896732	1.0292	1.0292
cg07985397	CNOT2	0.00104603	0.0208055	1.39709	1.39709	0.00635169	1.53258	1.53258	0.000985272	1.80149	1.80149	0.00602949	1.53904	1.53904	0.00164453	0.581787	-1.71884
cg10464585	CNOT2	0.0017912	0.00134134	0.605723	-1.65092	0.00557425	1.47941	1.47941	0.00695289	1.45595	1.45595	0.00152512	0.612071	-1.6338	0.9958	0.999434	-1.00057
cg23834494	CNOT2	0.00289981	0.814736	0.931752	-1.07325	0.0019125	0.266171	-3.75698	0.00335687	0.300661	-3.32601	0.706572	1.12063	1.12063	0.000301209	0.170333	-5.87085
cg04586418	CNOT2	0.00489204	0.01212	0.374593	-2.66956	0.0163042	0.397655	-2.51474	0.66713	0.872967	-1.14552	0.177528	1.56824	1.56824	0.00156342	0.240027	-4.1662
cg12814535	CNOT2	0.00654025	0.0289521	0.48611	-2.05715	0.209533	0.690396	-1.44844	0.889153	0.961689	-1.03984	0.275382	0.727696	-1.3742	0.000337254	0.198129	-5.04723
cg12866999	CNOT2	0.0123719	0.41335	1.60832	1.60832	0.12216	2.59075	2.59075	0.0121059	0.169078	-5.91441	0.459691	0.651975	-1.5338	0.00340179	0.104119	-9.60435
cg02532884	CNOT2	0.0197211	0.273618	0.812987	-1.23003	0.235056	0.797579	-1.2538	0.43284	0.864624	-1.15657	0.846087	1.03595	1.03595	0.978817	0.995187	-1.00484
cg16322581	CNOT2	0.0320767	0.0472981	0.785356	-1.27331	0.0154891	1.37184	1.37184	0.00758089	1.44143	1.44143	0.941635	1.00783	1.00783	0.341921	1.10988	1.10988
cg13534271	CNOT2	0.0397854	0.0534066	0.635628	-1.57325	0.901548	1.02589	1.02589	0.308081	0.804219	-1.24344	0.196293	1.32602	1.32602	0.0047981	0.461636	-2.16621
cg07119855	CNOT2;CNOT2	0.00188348	9.05E-05	0.501562	-1.99377	0.996846	0.99961	-1.00039	0.924354	0.990681	-1.00941	0.376927	0.914492	-1.0935	0.332907	0.906222	-1.10348
cg15553911	CNOT3	0.00234937	0.00155329	0.664623	-1.50461	0.334121	1.09357	1.09357	0.00118969	1.53218	1.53218	0.020081	0.777357	-1.28641	0.00524693	0.718491	-1.39181
cg15955596	CNOT3	0.00527488	0.0224913	0.808497	-1.23686	0.427162	0.938893	-1.06508	0.380148	1.07253	1.07253	0.837266	1.01612	1.01612	0.0164535	1.25604	1.25604
cg18762986	CNOT3	0.00739286	0.0645602	0.649511	-1.53962	0.296199	0.798414	-1.25248	0.0222659	0.565852	-1.76725	0.00110851	0.368262	-2.71545	0.267604	0.786606	-1.27128
cg24032214	CNOT3	0.0260817	0.160285	1.6437	1.6437	0.49498	1.25804	1.25804	0.544152	0.81597	-1.22554	0.462091	1.28147	1.28147	0.0040827	0.278942	-3.58497
cg11441617	CNOT3	0.0432062	0.538503	0.724693	-1.37989	0.122243	2.37744	2.37744	0.0656511	2.91001	2.91001	0.0646462	2.92449	2.92449	0.218056	0.511739	-1.95412
cg20706482	CNOT3	0.0449107	0.619283	1.14153	1.14153	0.162346	0.663853	-1.50636	0.162342	0.66385	-1.50637	0.0500415	2.04941	2.04941	0.917069	0.972985	-1.02777
cg21700070	CNOT3;CNOT3	0.000159867	2.33E-06	0.0256273	-39.0209	0.0561747	0.502217	-1.99117	0.0319959	0.449269	-2.22584	0.0169992	0.395812	-2.52645	?	?	?
cg12334414	CNOT4	0.00739486	0.191505	0.777465	-1.28623	0.0240423	0.612675	-1.63219	0.201687	1.27816	1.27816	0.0664564	1.4545	1.4545	0.71571	0.935587	-1.06885
cg01473643	CNOT4;CNOT4	0.00545147	0.0995438	0.717737	-1.39327	0.038941	0.644588	-1.55138	0.0125312	0.5652	-1.76929	0.561119	0.897662	-1.11401	0.000155664	0.304303	-3.2862
cg22698218	CNOT4;CNOT4	0.00729008	0.116323	0.727506	-1.37456	0.0701409	0.685622	-1.45853	0.000896902	0.395826	-2.52636	0.110086	0.722774	-1.38356	0.0044422	0.492827	-2.02911
cg20701983	CNOT4;CNOT4	0.00812691	0.0723605	0.773365	-1.29305	0.069171	1.29772	1.29772	0.375012	0.889852	-1.12378	0.533818	1.08412	1.08412	0.573872	0.929761	-1.07555
cg20833128	CNOT4;CNOT4	0.0146831	0.242599	0.85648	-1.16757	0.0893409	0.788737	-1.26785	0.0238002	0.710511	-1.40744	0.046939	1.33392	1.33392	0.405554	0.897801	-1.11383
cg03777868	CNOT4;CNOT4	0.0155929	0.518385	0.941903	-1.06168	0.844866	0.982251	-1.01807	0.00882758	1.35631	1.35631	0.112119	1.17133	1.17133	0.00556919	1.39496	1.39496
cg04442520	CNOT4;CNOT4	0.0156336	0.456953	1.09493	1.09493	0.682857	0.952013	-1.05041	0.00460592	1.57054	1.57054	0.257987	1.15178	1.15178	0.0181701	1.40966	1.40966
cg17959943	CNOT4;CNOT4	0.0189359	0.249436	0.896105	-1.11594	0.496285	1.06498	1.06498	0.304135	0.907567	-1.10185	0.821424	0.979608	-1.02082	0.067424	0.829651	-1.20533
cg22319885	CNOT4;CNOT4	0.0327316	0.973872	0.982183	-1.01814	0.000757936	0.0606669	-16.4835	0.102233	0.374669	-2.66902	0.990504	0.993489	-1.00655	0.682963	0.798184	-1.25284
cg09882550	CNOT6	0.00166121	0.000150939	0.567062	-1.76348	0.0022019	0.68776	-1.45399	0.0109955	0.757122	-1.32079	0.62216	1.04427	1.04427	0.00311	0.702775	-1.42293
cg26096304	CNOT6	0.0042178	0.174654	0.760791	-1.31442	0.0214547	1.68743	1.68743	0.0843106	1.43564	1.43564	0.0479906	1.53427	1.53427	0.0728059	0.684561	-1.46079
cg09543474	CNOT6	0.00624063	0.947505	0.987216	-1.01295	0.665715	1.08865	1.08865	0.189418	0.762129	-1.31211	0.192132	0.76354	-1.30969	0.00027097	0.311386	-3.21145
cg24134182	CNOT6	0.0152397	0.0428119	0.366558	-2.72808	0.00203191	0.153688	-6.50668	0.0661301	0.411762	-2.42859	0.16295	1.89855	1.89855	0.0101801	0.247853	-4.03465
cg17930096	CNOT6	0.0177077	0.172801	1.1703	1.1703	0.794461	1.02871	1.02871	0.941947	1.00793	1.00793	0.917465	1.0113	1.0113	0.767295	0.968345	-1.03269
cg23225234	CNOT6	0.0188801	0.210408	0.87361	-1.14468	0.30087	0.896057	-1.116	0.625788	0.950928	-1.0516	0.0309395	0.771523	-1.29614	0.950959	1.00632	1.00632
cg10181784	CNOT6	0.0456484	0.878203	1.02406	1.02406	0.791834	1.04185	1.04185	0.42422	0.881169	-1.13486	0.577172	0.916399	-1.09123	0.654035	0.932465	-1.07243
cg14880894	CNOT6L	0.00333517	0.279117	0.833116	-1.20031	0.1297	0.766733	-1.30423	0.39348	1.15238	1.15238	0.0447103	1.45342	1.45342	0.0191557	0.631322	-1.58398
cg11671265	CNOT6L	0.00662343	0.00285284	0.16967	-5.8938	0.0161322	0.280308	-3.5675	0.0539254	0.388526	-2.57383	0.020118	0.297801	-3.35795	0.00162971	0.142245	-7.03011
cg13313295	CNOT6L	0.0318075	0.420209	0.889538	-1.12418	0.410211	1.12716	1.12716	0.836705	1.02977	1.02977	0.135057	0.795342	-1.25732	0.629549	0.933249	-1.07153
cg23334298	CNOT6L	0.0328678	0.20157	0.665486	-1.50266	0.020742	0.431371	-2.31819	0.117992	0.598947	-1.6696	0.160023	1.5735	1.5735	0.00501552	0.325934	-3.06811
cg06375876	CNOT6L	0.0356924	0.0119105	0.196517	-5.08862	0.0996094	0.392347	-2.54876	0.0382917	0.288069	-3.47138	0.0721644	0.353328	-2.83023	0.0131055	0.202904	-4.92845
cg18284672	CNOT7;CNOT7	5.31E-06	2.14E-07	0.339082	-2.94914	0.0170419	0.818198	-1.2222	3.52E-05	0.576332	-1.73511	1.83E-06	0.440812	-2.26854	0.00198581	0.739875	-1.35158
cg23214816	CNOT7;CNOT7	0.000973564	0.172591	0.591305	-1.69117	0.28953	1.48873	1.48873	0.643074	0.844583	-1.18402	0.0301311	0.397318	-2.51687	1.75E-05	0.0414877	-24.1035
cg11193896	CNOT7;CNOT7	0.0123484	0.0834889	0.629164	-1.58941	0.188623	0.713984	-1.40059	0.641176	1.12022	1.12022	0.497567	0.846568	-1.18124	0.0153029	0.486683	-2.05473
cg10539616	CNOT7;CNOT7	0.0183184	0.474854	0.743343	-1.34527	0.679094	0.843845	-1.18505	0.0215263	0.324059	-3.08586	0.242488	1.64745	1.64745	0.57788	0.794983	-1.25789
cg18632102	CNOT8	1.32E-07	0.946245	1.00641	1.00641	0.0197252	0.765697	-1.306	3.47E-05	0.468235	-2.13568	0.971347	0.996601	-1.00341	0.678643	1.04029	1.04029
cg16315238	CNOT8	0.000345342	0.405109	0.75671	-1.32151	6.51E-06	0.0373901	-26.745	0.060059	0.499466	-2.00214	?	?	?	0.467834	1.27349	1.27349
cg11528517	CNOT8	0.0024614	0.00804153	0.386747	-2.58567	0.0968958	0.600597	-1.66501	0.219645	0.696887	-1.43495	0.26153	0.720657	-1.38762	0.993665	1.00222	1.00222
cg10508639	CNOT8	0.00616243	0.281365	0.691359	-1.44643	0.0165075	0.380746	-2.62642	0.0433351	0.464819	-2.15138	0.296507	0.699888	-1.4288	0.00103419	0.201455	-4.9639
cg20776454	CNOT8	0.00721517	0.0707354	0.818086	-1.22237	0.00375217	0.677705	-1.47557	0.0824821	0.82593	-1.21076	0.251263	0.887642	-1.12658	0.103462	0.837719	-1.19372
cg11372683	CNOT8	0.00793475	0.00177938	0.39694	-2.51927	0.00828096	2.01621	2.01621	0.986957	0.996611	-1.0034	0.740895	1.07135	1.07135	0.0508201	0.629936	-1.58746
cg25631936	CNOT8	0.0183016	0.215952	0.553211	-1.80763	0.274689	1.67646	1.67646	0.289284	1.64882	1.64882	0.0166515	0.264715	-3.77765	0.00692088	0.204139	-4.89861
cg17235179	CNOT8	0.0202858	0.0289653	0.176902	-5.65283	0.00327596	0.0674577	-14.8241	0.274226	0.465147	-2.14986	0.0654154	0.248752	-4.02007	0.0108897	0.116419	-8.58967
cg01781805	CNOT8;CNOT8	0.0144891	0.488949	1.16446	1.16446	0.0795349	1.52427	1.52427	0.260796	1.2892	1.2892	0.657167	0.907786	-1.10158	0.0777944	1.52884	1.52884
cg04720477	CNP	1.00E-05	7.61E-05	0.593628	-1.68456	8.27E-05	1.67426	1.67426	0.00010544	1.64528	1.64528	5.91E-06	0.477342	-2.09494	0.188079	0.903571	-1.10672
cg23866755	CNP	0.00206926	0.763825	1.0234	1.0234	0.0657624	1.17171	1.17171	0.00149413	1.42108	1.42108	0.0126821	1.26841	1.26841	0.0203877	0.806923	-1.23928
cg01366580	CNP	0.0130855	0.161544	0.777742	-1.28577	0.0140653	1.66478	1.66478	0.00403454	1.91435	1.91435	0.0362658	1.50583	1.50583	0.521126	1.11555	1.11555
cg08539620	CNP	0.0134497	0.0660135	0.504256	-1.98312	0.041125	2.18645	2.18645	0.0377015	2.22602	2.22602	0.130794	1.71886	1.71886	0.87569	1.05335	1.05335
cg03958344	CNP	0.0137048	0.0138733	0.152261	-6.56765	0.179426	0.452997	-2.20752	0.00314518	14.8631	14.8631	0.725877	1.20714	1.20714	0.00578684	0.0963638	-10.3773
cg13997278	CNP	0.0483682	0.683515	1.09406	1.09406	0.853852	0.960366	-1.04127	0.00558781	0.450189	-2.22129	0.713876	0.922412	-1.08411	0.119271	0.690204	-1.44885
cg20331288	CNPY1	2.95E-07	4.70E-07	0.183044	-5.46317	2.00E-06	0.244982	-4.08194	1.92E-05	0.353315	-2.83033	7.30E-07	0.201071	-4.97338	2.45E-07	0.157699	-6.34118
cg09545293	CNPY1	7.65E-05	0.128833	0.768458	-1.30131	0.0742869	1.37593	1.37593	2.08E-05	3.96643	3.96643	0.821764	0.964441	-1.03687	0.284874	1.19513	1.19513
cg11621104	CNPY1	0.000170867	0.143815	0.787449	-1.26992	0.691976	1.06246	1.06246	0.0050491	1.758	1.758	0.0354531	0.688958	-1.45147	0.0434515	0.702343	-1.42381
cg01198033	CNPY1	0.000217444	0.709563	0.919016	-1.08812	0.103406	1.49492	1.49492	0.130288	1.4461	1.4461	0.728049	1.08199	1.08199	0.0577029	0.616041	-1.62327
cg15983026	CNPY1	0.00150851	0.0131699	0.406364	-2.46085	0.000501632	0.203046	-4.925	0.0311564	0.476645	-2.098	0.0804569	0.566626	-1.76483	0.00145891	0.260089	-3.84484
cg19734188	CNPY1	0.00193124	0.942945	0.985073	-1.01515	0.00275101	0.419737	-2.38244	0.107522	0.691379	-1.44638	0.757328	0.936951	-1.06729	0.00997228	0.504738	-1.98123
cg11537828	CNPY1	0.00600425	0.00967746	0.221691	-4.51078	0.00340256	0.160084	-6.24671	0.0220416	0.282608	-3.53847	0.44483	0.698762	-1.4311	0.00366521	0.163967	-6.09879
cg09090582	CNPY1	0.00764965	0.00666104	0.12796	-7.81496	0.0524188	0.275794	-3.6259	0.0489347	0.269001	-3.71746	0.855733	1.11213	1.11213	0.15273	0.40886	-2.44582
cg01026009	CNPY1	0.00913355	0.0685957	0.314733	-3.17729	0.000568134	0.0484281	-20.6492	0.0163053	0.189088	-5.28853	0.308117	0.549776	-1.81892	0.0452027	0.27171	-3.68039
cg09313734	CNPY1	0.0255496	0.00603613	0.313551	-3.18928	0.0164083	0.387383	-2.58143	0.178187	0.629664	-1.58815	0.00738633	0.327553	-3.05294	0.0122885	0.364842	-2.74092
cg11854259	CNPY1	0.0342719	0.899595	0.944997	-1.05821	0.0759582	2.42328	2.42328	0.0134897	3.93798	3.93798	0.776141	0.880054	-1.13629	0.704284	0.842904	-1.18638
cg05944137	CNPY1	0.047954	0.145375	0.292373	-3.42029	0.918834	0.922961	-1.08347	0.0144048	10.721	10.721	0.236987	2.64971	2.64971	0.0332803	0.141298	-7.07724
cg27530388	CNPY1;CNPY1	0.0378344	0.144067	0.685198	-1.45943	0.517511	1.17124	1.17124	0.00395925	2.54344	2.54344	0.0625168	0.603525	-1.65693	0.389328	0.808554	-1.23678
cg06617217	CNPY2	0.0451173	0.0907956	0.318583	-3.1389	0.00583309	0.109008	-9.17365	0.0128214	0.149915	-6.67043	0.807759	0.860997	-1.16144	0.171216	0.408836	-2.44597
cg22671580	CNPY3	1.14E-05	0.37331	1.18792	1.18792	2.58E-07	0.0558872	-17.8932	0.326764	0.826329	-1.21017	0.000760301	2.61547	2.61547	?	?	?
cg01453469	CNPY3	0.00218529	0.0839395	0.474693	-2.10662	0.479515	0.755742	-1.3232	0.329783	0.675817	-1.47969	0.000959321	6.79606	6.79606	0.0516372	0.421893	-2.37027
cg02589054	CNPY3	0.00343765	0.290632	0.881555	-1.13436	0.023582	1.3645	1.3645	0.97749	0.996762	-1.00325	0.00986331	1.45483	1.45483	0.0591128	0.78272	-1.2776
cg09791743	CNPY3	0.00895233	0.00172912	0.204155	-4.89823	0.325187	0.696881	-1.43497	0.0571672	0.465363	-2.14886	0.226214	0.636534	-1.57101	0.0466276	0.444891	-2.24774
cg12852800	CNPY3	0.0095569	0.124145	0.513559	-1.9472	0.720306	0.865977	-1.15477	0.281963	1.56439	1.56439	0.0145475	3.33547	3.33547	0.0804686	0.460253	-2.17272
cg14738766	CNPY3	0.0233476	0.102677	0.339702	-2.94376	0.144205	0.387306	-2.58194	0.241551	0.476537	-2.09847	0.0134817	6.35591	6.35591	?	?	?
cg07710211	CNPY3	0.0356132	0.01275	0.163746	-6.10702	0.220348	0.470737	-2.12433	0.0317226	0.2294	-4.3592	0.130851	0.385247	-2.59574	0.0315874	0.229043	-4.36599
cg20681975	CNPY3;CNPY3	0.000413467	0.0156497	1.25345	1.25345	0.00563153	1.3192	1.3192	0.501534	0.949325	-1.05338	0.0695002	1.16741	1.16741	0.0123423	1.2681	1.2681
cg26650651	CNPY4;MBLAC1	0.0190397	0.80398	0.929318	-1.07606	0.174905	1.53005	1.53005	0.749612	1.09898	1.09898	0.580783	1.1787	1.1787	0.000307367	0.177771	-5.6252
cg20622089	CNR1;CNR1;CNR1;CNR1	0.00202717	0.178274	0.546023	-1.83143	0.891597	0.943945	-1.05938	0.240723	0.594747	-1.68139	0.876276	1.06814	1.06814	0.526634	0.7623	-1.31182
cg02498983	CNR1;CNR1;CNR1;CNR1	0.0174152	0.23234	0.846579	-1.18122	0.549001	1.08397	1.08397	0.623161	0.936264	-1.06807	0.321182	1.14601	1.14601	0.627747	0.93709	-1.06713
cg19961480	CNR1;CNR1;CNR1;CNR1	0.0258827	0.0399568	11.4744	11.4744	0.0211267	17.2807	17.2807	0.0675236	8.20767	8.20767	0.129642	5.37987	5.37987	0.0345794	12.5851	12.5851
cg24276445	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1	0.00407508	0.116006	1.23087	1.23087	0.185546	0.843075	-1.18613	0.0016473	0.57817	-1.7296	0.272357	0.870292	-1.14904	0.495101	1.08789	1.08789
cg23276695	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1	0.00426573	0.236861	0.868098	-1.15194	0.0233183	0.733904	-1.36258	0.741829	0.962971	-1.03845	0.118895	1.21311	1.21311	0.0604822	1.27329	1.27329
cg02436141	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1	0.00490079	0.161147	0.707754	-1.41292	0.269661	1.30407	1.30407	0.0544848	1.65517	1.65517	0.906565	0.973245	-1.02749	0.000187211	0.233143	-4.28922
cg26556436	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1;CNR1;CNR1	0.0375827	0.66957	0.953313	-1.04897	0.0886344	1.23269	1.23269	0.0337642	1.31801	1.31801	0.075151	0.801952	-1.24696	0.0493646	0.778937	-1.2838
cg10227880	CNR2	2.61E-06	1.77E-06	0.10082	-9.91869	0.106214	1.40424	1.40424	4.55E-05	0.226823	-4.40873	4.12E-05	0.222183	-4.50078	2.04E-06	0.105087	-9.51594
cg03750587	CNR2	0.000416106	0.0131074	0.638211	-1.56688	0.826958	0.96855	-1.03247	0.0081169	0.609755	-1.64	0.00100514	0.49036	-2.03932	4.74E-05	0.326665	-3.06124
cg05524740	CNR2	0.000994343	0.00771419	0.340726	-2.93491	0.000424142	0.172727	-5.78947	0.0148232	0.389477	-2.56755	0.018825	0.408568	-2.44758	5.09E-05	0.0918771	-10.8841
cg10978503	CNR2	0.00199763	0.156189	0.66875	-1.49533	0.0424017	0.537969	-1.85884	0.000193098	0.18927	-5.28345	0.495624	1.20142	1.20142	0.00358076	0.351194	-2.84743
cg16410115	CNR2	0.0188927	0.024347	0.489941	-2.04106	0.389975	0.791194	-1.26391	0.035146	0.520751	-1.9203	0.00100047	0.272798	-3.66571	0.00737745	0.399337	-2.50415
cg26404511	CNR2	0.0216335	0.00197749	4.51755	4.51755	0.0873973	0.521476	-1.91763	0.132077	0.570761	-1.75205	0.554112	1.22934	1.22934	0.0664828	0.49162	-2.03409
cg24452347	CNR2	0.0302067	0.0514935	2.00973	2.00973	0.197283	1.53597	1.53597	0.120365	1.69975	1.69975	0.380946	1.32706	1.32706	0.500985	1.23995	1.23995
cg00660272	CNR2	0.0467209	0.324937	0.695118	-1.43861	0.48834	0.777348	-1.28642	0.0136666	0.335825	-2.97774	0.716255	0.877572	-1.13951	0.0154867	0.345586	-2.89364

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05941634	0.0441162	1.15235	1.15235	0.00138863	0.752676	-1.32859	0.0178897	0.838238	-1.19298	0.258092	1.07503	1.07503	64.9025	3.864	0.0529204	1
cg26153687	0.058185	0.591104	-1.69175	0.00109484	0.306454	-3.26313	0.14583	1.46738	1.46738	0.943252	1.01764	1.01764	4.13659	3.95116	0.849042	1
cg15780398	0.0145781	0.469333	-2.13068	0.279501	1.32669	1.32669	0.0107273	2.23941	2.23941	0.00161229	0.320796	-3.11725	14.4065	14.425	0.890025	1
cg23689052	0.138574	0.595596	-1.67899	0.000355306	0.155128	-6.4463	0.0163865	0.385403	-2.59468	0.00532464	0.303217	-3.29797	8.48619	14.1958	1.48694	1
cg08313757	0.00499205	5.10547	5.10547	0.0151075	3.70614	3.70614	0.00198187	6.80024	6.80024	0.601983	0.793833	-1.25971	7.08176	21.592	2.71019	1
cg05045329	0.932407	1.01565	1.01565	0.349669	0.838441	-1.19269	0.00167134	2.27674	2.27674	0.00846068	1.85029	1.85029	6.61253	3.50863	0.471647	1
cg01376245	0.224782	1.1842	1.1842	0.84554	1.0262	1.0262	0.543453	0.921689	-1.08496	0.284312	0.86288	-1.15891	5.82124	1.62094	0.247514	1
cg00711916	0.768587	0.906567	-1.10306	0.262942	0.678395	-1.47407	0.155252	1.65805	1.65805	0.546209	0.816247	-1.22512	5.38558	9.42798	1.55609	1
cg19577896	0.0309065	1.48184	1.48184	0.419159	0.879761	-1.13667	0.312157	1.17616	1.17616	0.181988	0.80264	-1.24589	5.36378	2.04595	0.339057	1
cg12942038	0.0268279	1.41555	1.41555	0.000541796	2.03932	2.03932	0.768335	0.961617	-1.03991	0.820653	0.97036	-1.03055	5.08052	1.41276	0.247177	1
cg17149980	0.270111	1.1412	1.1412	0.00163209	0.595083	-1.68044	0.0946246	0.80952	-1.2353	0.33064	0.890956	-1.12239	4.75929	0.997224	0.186251	1
cg24506130	?	?	?	0.00292761	0.104341	-9.58393	0.181238	0.492402	-2.03086	0.0289521	0.262363	-3.81152	6.32366	17.6942	2.39836	1
cg11158729	0.271075	0.619598	-1.61395	0.0032268	0.186606	-5.3589	0.010434	0.260002	-3.84612	0.0307188	0.346354	-2.88722	4.1221	11.394	2.45701	1
cg00099835	0.186806	0.505838	-1.97692	0.00254685	0.13013	-7.68461	0.0480768	0.332722	-3.00551	0.0598756	0.355562	-2.81245	4.0627	15.2635	3.33955	1
cg01628245	0.0105434	0.275658	-3.62769	0.00640834	0.241629	-4.13857	0.938712	0.969674	-1.03127	0.0193751	0.322286	-3.10283	3.81805	9.69813	2.25784	1
cg05601063	0.070538	0.702165	-1.42417	0.000161693	0.324095	-3.08552	0.147156	0.761734	-1.31279	0.370977	0.851534	-1.17435	17.1065	8.29229	0.430885	1
cg04035922	0.404858	0.762986	-1.31064	0.750102	0.90355	-1.10675	2.37E-05	0.0687536	-14.5447	0.191717	1.55065	1.55065	9.38916	14.9808	1.41826	1
cg23515892	0.154	0.800333	-1.24948	0.00482341	0.579434	-1.72582	0.637965	0.933168	-1.07162	0.0938768	1.30846	1.30846	7.45173	2.51367	0.299847	1
cg07980242	0.126726	0.745298	-1.34175	0.301537	1.20984	1.20984	0.347659	0.841908	-1.18778	0.204567	1.26902	1.26902	4.54981	2.28216	0.445862	1
cg27560555	0.178259	0.40666	-2.45906	0.00579093	0.102896	-9.71853	0.00882888	0.122799	-8.14342	0.103398	0.326106	-3.06649	4.53407	28.4176	5.57118	1
cg02057157	0.576498	1.19813	1.19813	0.324254	0.721709	-1.3856	0.726584	0.893629	-1.11903	0.03362	0.451558	-2.21455	4.43869	5.61151	1.44483	1
cg27181650	0.194167	0.770935	-1.29713	0.00206711	0.439722	-2.27416	0.583511	1.11056	1.11056	0.0374934	1.57959	1.57959	4.03625	2.29294	0.504967	1
cg20644952	0.307821	0.68758	-1.45438	0.0400969	0.430959	-2.32041	0.0165804	0.354028	-2.82464	0.507441	0.787712	-1.2695	3.61442	7.20792	1.77263	1
cg09495017	0.611857	0.912715	-1.09563	0.395205	1.16814	1.16814	0.316723	0.831321	-1.20291	0.419148	0.863004	-1.15874	11.4955	5.79979	0.448468	1
cg05875154	0.000851002	0.184559	-5.41833	0.00608567	0.299023	-3.34422	0.567413	1.21512	1.21512	0.0285957	0.418699	-2.38835	7.59536	13.6685	1.59964	1
cg03665229	0.0358079	1.3473	1.3473	0.0125502	1.46072	1.46072	0.45123	0.910572	-1.09821	0.884794	1.01785	1.01785	4.86486	1.14769	0.209701	1
cg07618626	0.14545	1.41029	1.41029	0.522133	0.867033	-1.15336	0.930601	1.01934	1.01934	5.24E-08	0.0161035	-62.0982	46.9002	35.9294	0.680962	1
cg06081371	0.380832	1.05615	1.05615	0.194389	0.919954	-1.08701	0.323692	1.0639	1.0639	0.000474665	1.39587	1.39587	20.5353	1.20116	0.0519935	1
cg01971555	0.000518397	0.309511	-3.2309	0.000183187	0.25415	-3.93469	0.80764	0.948538	-1.05425	0.000144493	0.24224	-4.12813	18.4334	13.6959	0.660439	1
cg08558996	0.111215	0.71547	-1.39768	0.0523155	1.53093	1.53093	0.634093	0.911622	-1.09695	0.28566	1.2386	1.2386	7.03065	4.14633	0.524223	1
cg04081091	0.727362	0.969627	-1.03132	0.0949388	0.850684	-1.17552	0.31465	1.09596	1.09596	0.330039	1.09262	1.09262	4.97494	0.611884	0.109327	1
cg27416337	0.940882	0.968196	-1.03285	0.266552	0.603835	-1.65608	0.064207	2.47506	2.47506	0.0491874	0.375904	-2.66025	4.69759	14.1285	2.67343	1
cg26340532	0.451002	1.20748	1.20748	0.320179	1.28681	1.28681	0.558082	1.15651	1.15651	0.814971	0.944076	-1.05924	3.87308	3.69672	0.848412	1
cg16529639	0.494474	1.24781	1.24781	1.09E-06	0.0173346	-57.6882	0.0973853	0.559632	-1.78689	0.952795	0.981286	-1.01907	20.5359	33.1195	1.43357	1
cg05150224	0.000132996	0.522086	-1.91539	0.00286578	0.668663	-1.49552	0.000549551	1.69293	1.69293	8.79E-05	0.501775	-1.99292	43.8157	6.67893	0.135496	1
cg04646096	0.416806	1.07208	1.07208	0.271563	1.10076	1.10076	0.209626	0.895023	-1.11729	0.641825	1.04007	1.04007	13.0168	1.45028	0.0990362	1
cg10389114	0.00626323	0.433175	-2.30854	0.0317827	0.553711	-1.806	0.00190472	2.80948	2.80948	0.997634	0.999304	-1.0007	7.51755	6.56782	0.776592	1
cg11614860	0.00226524	0.407053	-2.45668	0.93669	0.983423	-1.01686	0.793693	0.946344	-1.0567	0.240526	0.772161	-1.29507	6.49985	4.55801	0.623331	1
ch.16.1297358	0.0131945	0.450059	-2.22193	0.551426	0.855061	-1.16951	0.542016	1.17397	1.17397	0.3223	1.30431	1.30431	5.45983	5.18985	0.950551	1
cg08516450	0.201689	0.84437	-1.18432	0.445367	1.10195	1.10195	0.253051	0.861113	-1.16129	0.727873	0.957442	-1.04445	5.56347	1.33541	0.186692	1
cg07284286	0.860343	1.01055	1.01055	0.0014233	0.759582	-1.31651	0.727401	1.02107	1.02107	0.615325	0.970265	-1.03065	4.17662	0.234812	0.0499739	1
cg03147337	0.140399	0.637044	-1.56975	0.780718	0.923724	-1.08257	0.0010331	0.251083	-3.98275	0.965164	1.01249	1.01249	19.277	24.6776	1.13792	1
cg10559633	0.831863	0.949802	-1.05285	0.145239	1.46065	1.46065	0.286068	1.30783	1.30783	0.44785	1.20608	1.20608	7.31247	6.79549	0.826047	1
cg01549618	0.750554	0.969283	-1.03169	0.048321	0.801953	-1.24696	0.000410494	0.577639	-1.73119	0.00886484	0.721917	-1.3852	29.5618	4.47988	0.134705	1
cg06482535	0.0391369	0.587006	-1.70356	0.000109863	0.218831	-4.56973	0.228918	1.32547	1.32547	0.00192909	0.375537	-2.66286	15.0082	11.837	0.701069	1
cg23949612	0.000598975	0.309186	-3.2343	0.00523024	0.441937	-2.26276	0.174462	0.726008	-1.37739	5.31E-05	0.18776	-5.32594	17.2868	13.4521	0.691708	1
cg07985397	0.0374341	0.748101	-1.33672	0.0525121	0.767244	-1.30337	0.496109	0.920302	-1.0866	0.423885	0.906507	-1.10314	11.6172	2.6574	0.20333	1
cg10464585	0.856066	0.980658	-1.01972	0.0455889	0.781449	-1.27967	0.179125	1.16593	1.16593	0.241897	0.876546	-1.14084	9.95592	1.82471	0.162915	1
cg23834494	0.213551	0.674056	-1.48356	0.0238857	0.444079	-2.25185	0.779348	0.918894	-1.08827	0.00482477	0.324327	-3.08331	8.64483	12.4171	1.27676	1
cg04586418	0.0405517	2.10143	2.10143	0.00513776	0.313325	-3.19157	0.869719	1.05289	1.05289	0.0489584	0.493674	-2.02563	7.38763	11.535	1.3879	1
cg12814535	0.133897	0.635821	-1.57277	0.127966	0.630664	-1.58563	0.0190145	2.21524	2.21524	0.0440637	0.523049	-1.91187	6.75641	8.39678	1.1047	1
cg12866999	0.00370317	0.107695	-9.28544	0.946829	1.03862	1.03862	0.376906	1.674	1.674	0.904803	0.934276	-1.07035	5.51851	28.2191	4.54537	1
cg02532884	0.529139	1.12284	1.12284	0.00140777	0.431594	-2.31699	0.163741	1.31006	1.31006	0.0155246	1.71501	1.71501	4.72705	2.47252	0.464939	1
cg16322581	0.151197	1.17791	1.17791	0.178946	0.858987	-1.16416	0.599426	0.94514	-1.05804	0.787538	0.971651	-1.02918	3.99046	0.716295	0.159557	1
cg13534271	0.886824	0.971017	-1.02985	0.162628	1.36049	1.36049	0.0783319	1.49765	1.49765	0.409801	0.840223	-1.19016	3.69044	2.49295	0.60046	1
cg07119855	0.00108786	0.621719	-1.60844	0.016652	0.749596	-1.33405	0.0602091	1.23241	1.23241	0.646463	0.95549	-1.04658	9.81179	1.51034	0.136828	1
cg15553911	0.00151767	0.663585	-1.50697	6.46E-05	0.51728	-1.93319	0.0340867	1.24867	1.24867	0.425975	0.929605	-1.07573	17.5851	2.24562	0.113511	1
cg15955596	0.000255531	1.59745	1.59745	0.240077	0.908767	-1.10039	0.157908	1.1246	1.1246	0.609409	1.04089	1.04089	7.21948	0.691603	0.0851527	1
cg18762986	0.0112251	0.516692	-1.93539	0.316474	1.24017	1.24017	0.447096	1.17475	1.17475	0.00277282	0.424194	-2.35741	6.50324	4.44938	0.608159	1
cg24032214	0.00681285	0.313061	-3.19427	0.0845716	0.531535	-1.88134	0.566106	1.21185	1.21185	0.379793	0.741951	-1.3478	4.29336	7.46248	1.54502	1
cg11441617	0.159429	0.45958	-2.1759	0.164636	0.464599	-2.1524	0.0131498	4.90274	4.90274	0.494821	0.698772	-1.43108	3.57947	15.1565	3.7638	1
cg20706482	0.00725111	0.335563	-2.98007	0.704158	0.904298	-1.10583	0.621221	0.876673	-1.14068	0.0581046	1.84448	1.84448	5.03513	5.05761	0.558036	1
cg21700070	0.0730039	0.528988	-1.8904	0.253643	1.46175	1.46175	0.840211	1.0664	1.0664	0.743038	1.11044	1.11044	20.0114	28.569	1.42764	1
cg12334414	0.0334461	1.572	1.572	0.00114318	2.38829	2.38829	0.0237544	1.63444	1.63444	0.0571385	1.47959	1.47959	6.50269	3.41259	0.466486	1
cg01473643	0.0130809	0.56808	-1.76031	0.0935895	0.712631	-1.40325	0.441541	1.15509	1.15509	0.170796	0.764946	-1.30728	7.14697	3.82048	0.475164	1
cg22698218	0.0890634	0.704982	-1.41848	0.123823	1.36439	1.36439	0.213352	1.27671	1.27671	0.0350176	0.632599	-1.58078	6.53178	3.5951	0.489245	1
cg20701983	0.537454	0.923088	-1.08332	0.000197912	0.448656	-2.22888	0.846501	1.02515	1.02515	0.308529	1.14463	1.14463	6.31279	1.64242	0.231266	1
cg20833128	0.0157027	0.687209	-1.45516	0.223279	0.850346	-1.17599	0.0171333	0.692062	-1.44496	0.0255496	1.39952	1.39952	5.21737	1.32621	0.225948	1
cg03777868	0.0663518	0.828415	-1.20712	0.314968	1.09964	1.09964	0.295527	0.905594	-1.10425	0.015525	1.31172	1.31172	5.1146	0.676911	0.117643	1
cg04442520	0.418324	0.905738	-1.10407	0.0067563	0.656822	-1.52248	0.235463	0.861699	-1.1605	0.596536	1.06605	1.06605	5.11018	1.15989	0.201757	1
cg17959943	0.00106966	0.6437	-1.55352	0.0101718	0.744261	-1.34361	0.832324	1.01951	1.01951	0.256354	1.11402	1.11402	4.79253	0.630381	0.116919	1
cg22319885	0.0552199	0.303294	-3.29713	0.970117	1.02078	1.02078	0.772041	1.17287	1.17287	0.673635	1.26179	1.26179	3.96165	18.9065	4.24212	1
cg09882550	0.638678	0.959594	-1.04211	0.482744	1.06419	1.06419	0.00961354	0.751361	-1.33092	0.0128889	0.763938	-1.30901	10.1755	1.2257	0.107072	1
cg26096304	0.587604	0.901509	-1.10925	0.45974	0.86716	-1.15319	0.000327171	3.00205	3.00205	0.0795911	0.691814	-1.44548	7.72782	4.38861	0.504798	1
cg09543474	0.0214045	0.582623	-1.71637	0.0434103	1.57444	1.57444	0.63772	0.911481	-1.09712	0.0245143	0.592419	-1.68799	6.85533	4.14588	0.53757	1
cg24134182	0.0513345	0.384784	-2.59886	0.127191	0.491615	-2.03411	0.384991	1.46727	1.46727	0.268481	0.608881	-1.64236	5.15359	15.1243	2.60863	1
cg17930096	0.998122	0.999745	-1.00026	0.00259702	1.57197	1.57197	0.00287326	0.641147	-1.55971	0.375529	0.906119	-1.10361	4.90203	0.912229	0.165415	1
cg23225234	0.199459	0.870407	-1.14889	0.000879187	1.66629	1.66629	0.504094	0.932946	-1.07187	0.831153	1.0221	1.0221	4.79732	0.796411	0.147566	1
cg10181784	0.23315	0.823841	-1.21383	0.00210334	1.95516	1.95516	0.895392	1.0206	1.0206	0.0477275	0.704038	-1.42038	3.50667	1.33439	0.338247	1
cg14880894	0.423262	1.14192	1.14192	0.981375	1.00379	1.00379	0.000138502	2.91144	2.91144	0.0838658	1.36396	1.36396	8.29251	3.4577	0.370637	1
cg11671265	0.115667	0.477651	-2.09358	0.00474011	0.197761	-5.05661	0.325732	0.645058	-1.55025	0.00415535	0.190165	-5.2586	6.72995	19.8969	2.62798	1
cg13313295	0.00168646	0.528378	-1.89258	0.0546296	0.733545	-1.36324	0.0856758	1.30996	1.30996	0.361425	0.875162	-1.14265	4.00251	1.28066	0.284413	1
cg23334298	0.713946	1.11759	1.11759	0.0352184	0.476791	-2.09735	0.478125	1.2433	1.2433	0.359266	0.752283	-1.32929	3.95575	5.71278	1.28371	1
cg06375876	0.110158	0.405515	-2.466	0.0104257	0.187906	-5.32181	0.880483	1.08112	1.08112	0.0748715	0.357562	-2.79672	3.83978	16.3427	3.78325	1
cg18284672	0.00116068	0.719576	-1.38971	0.000194276	0.648864	-1.54115	0.0846937	0.876752	-1.14057	0.133208	0.894277	-1.11822	47.7803	3.60072	0.0669866	1
cg23214816	0.0259992	0.384272	-2.60232	0.079478	0.494314	-2.02301	?	?	?	0.043637	0.431887	-2.31542	12.1377	22.3869	1.84441	1
cg11193896	0.000385928	0.254184	-3.93417	0.243175	0.744248	-1.34364	0.202678	1.38444	1.38444	0.42262	0.820281	-1.21909	5.52192	5.11607	0.823557	1
cg10539616	0.0411694	0.382336	-2.6155	0.00078385	0.125859	-7.9454	0.951404	1.02519	1.02519	0.0631272	0.426099	-2.34687	4.84644	12.7856	2.34501	1
cg18632102	4.26E-06	2.73822	2.73822	2.23E-09	14.2238	14.2238	0.476417	1.07105	1.07105	0.000541949	1.66499	1.66499	122.642	17.4565	0.126522	1
cg16315238	0.0372868	0.453333	-2.20588	0.140263	0.594953	-1.68081	0.0453537	2.11975	2.11975	0.64463	1.16416	1.16416	16.2183	24.4553	1.50789	1
cg11528517	0.16919	0.663784	-1.50651	0.000102186	6.85406	6.85406	0.145679	0.645924	-1.54817	0.588221	0.858181	-1.16526	9.07349	11.2491	1.10202	1
cg10508639	0.025996	0.41849	-2.38954	0.00788414	3.0761	3.0761	0.910782	0.963722	-1.03764	0.0685401	0.51059	-1.95852	6.88213	11.8458	1.52999	1
cg20776454	0.0239687	0.765059	-1.30709	0.0119365	1.36606	1.36606	0.0524862	1.24513	1.24513	0.134111	1.17426	1.17426	6.5529	1.02607	0.139185	1
cg11372683	0.773039	1.0619	1.0619	0.0114222	0.518133	-1.93001	0.313867	0.805456	-1.24153	0.139515	1.39135	1.39135	6.36051	4.34593	0.607349	1
cg25631936	0.776867	0.878823	-1.13789	0.0152243	3.8771	3.8771	0.263876	0.588919	-1.69803	0.0901159	0.427773	-2.33769	4.84794	15.8687	2.90959	1
cg17235179	0.0383224	0.19893	-5.02691	0.0160858	0.13784	-7.25481	0.29323	0.480211	-2.08242	0.0121973	0.122319	-8.17538	4.68192	33.561	6.37174	1
cg01781805	0.172806	1.3692	1.3692	0.00172507	0.379666	-2.6339	0.0309366	1.73109	1.73109	0.0641898	1.56905	1.56905	5.24031	3.89335	0.66041	1
cg04720477	0.00179692	0.724069	-1.38108	0.153019	0.894715	-1.11767	8.03E-05	0.595942	-1.67801	0.0975666	0.876203	-1.14129	40.5459	3.39384	0.0744033	1
cg23866755	0.147821	1.12656	1.12656	0.00544424	0.755298	-1.32398	0.0182954	0.80269	-1.24581	0.0235811	1.23059	1.23059	9.54667	0.890588	0.0829225	1
cg01366580	0.165751	1.28214	1.28214	0.0165155	0.611135	-1.6363	0.625731	0.920676	-1.08616	0.881839	1.02532	1.02532	5.41853	2.42606	0.397985	1
cg08539620	0.00583596	3.31457	3.31457	0.00568944	3.33354	3.33354	0.015947	2.66368	2.66368	0.168594	1.62745	1.62745	5.37008	9.37337	1.55154	1
cg03958344	0.96517	0.976977	-1.02357	0.883172	1.08163	1.08163	0.114377	0.379331	-2.63622	0.556646	1.37641	1.37641	8.81687	36.4605	2.2974	1
cg13997278	0.0986294	0.672209	-1.48763	0.246804	0.766747	-1.30421	0.144801	1.40982	1.40982	0.0777879	1.53704	1.53704	3.43104	2.61365	0.677125	1
cg20331288	2.48E-05	0.366231	-2.73051	7.42E-08	0.11627	-8.60069	0.000291353	0.492731	-2.02951	1.49E-06	0.231837	-4.31337	100.028	22.7481	0.202149	1
cg09545293	0.15735	1.27461	1.27461	0.0350655	0.674338	-1.48294	4.19E-06	5.52213	5.52213	0.266786	1.20401	1.20401	23.7811	9.69793	0.362489	1
cg11621104	0.00137744	2.02591	2.02591	0.000375256	0.420927	-2.37571	3.35E-05	3.39967	3.39967	0.232229	1.21	1.21	19.171	7.02908	0.325913	1
cg01198033	0.40989	1.20954	1.20954	0.482757	0.851269	-1.17472	2.22E-06	13.6393	13.6393	0.146547	1.42158	1.42158	17.9589	14.4933	0.717358	1
cg15983026	0.0205243	0.44145	-2.26526	0.00260158	0.29459	-3.39454	0.011111	2.54136	2.54136	0.726512	0.902236	-1.10836	10.4625	14.2228	1.20836	1
cg19734188	0.833233	1.0453	1.0453	0.558245	1.13247	1.13247	0.000239248	0.278636	-3.58891	0.000574186	0.326293	-3.06473	9.74061	6.81086	0.621532	1
cg11537828	0.136781	0.478253	-2.09094	0.00134904	0.117346	-8.5218	0.0153835	0.254454	-3.92998	0.00976333	0.222281	-4.4988	6.93764	23.269	2.98135	1
cg09090582	0.0190553	0.190651	-5.24519	0.000642959	0.0469472	-21.3005	0.0114223	0.157446	-6.35138	0.0113234	0.156929	-6.37232	6.43404	34.7515	4.80106	1
cg01026009	0.227522	0.487528	-2.05116	0.00225796	0.0885941	-11.2874	0.0598187	0.299889	-3.33457	0.0461353	0.273671	-3.65402	6.08386	30.9878	4.52751	1
cg09313734	0.194553	0.641646	-1.55849	0.0782764	0.531265	-1.8823	0.258267	0.682893	-1.46436	0.0298328	0.437555	-2.28543	4.32436	7.16045	1.47186	1
cg11854259	0.186884	1.87205	1.87205	0.520193	0.746659	-1.3393	0.00208932	6.96435	6.96435	0.372111	1.50787	1.50787	3.89663	12.3965	2.82786	1
cg05944137	0.543327	0.616399	-1.62232	0.409807	1.94054	1.94054	0.0456933	6.061	6.061	0.398051	0.506339	-1.97496	3.44222	33.7237	8.70854	1
cg27530388	0.354725	0.795054	-1.25778	0.196146	0.719455	-1.38994	0.130213	1.4825	1.4825	0.772903	1.07219	1.07219	3.75914	3.45478	0.81692	1
cg06617217	0.142608	0.380013	-2.63149	0.0293808	0.206951	-4.83206	0.0457469	0.245098	-4.08	0.877849	0.909893	-1.09903	3.52209	21.026	5.30643	1
cg22671580	0.0565041	0.66576	-1.50204	0.114628	1.38169	1.38169	0.0826367	1.43647	1.43647	0.200113	1.29049	1.29049	40.2269	20.1059	0.499813	1
cg01453469	0.839625	1.08215	1.08215	0.087533	0.479579	-2.08516	0.000343467	9.44405	9.44405	0.415081	0.722844	-1.38342	9.39571	22.588	2.13695	1
cg02589054	0.00908671	1.46384	1.46384	0.00219614	0.610411	-1.63824	0.0142504	1.41555	1.41555	0.321379	0.888899	-1.12499	8.21787	1.71996	0.18604	1
cg09791743	0.105259	0.533031	-1.87606	0.0140325	0.34023	-2.93919	0.000858435	0.168717	-5.9271	0.0167501	0.35419	-2.82335	6.12268	12.2534	1.77895	1
cg12852800	0.0724116	2.23079	2.23079	0.187941	1.74794	1.74794	0.000814803	7.53917	7.53917	0.43995	0.729624	-1.37057	5.99677	15.2134	2.25505	1
cg14738766	0.901908	1.0774	1.0774	0.175057	0.418089	-2.39183	0.00844706	7.63974	7.63974	0.380895	0.580748	-1.72192	4.54057	23.3695	5.14683	1
cg07710211	0.311388	0.542057	-1.84482	0.00382236	0.102259	-9.77908	0.950083	0.964055	-1.03729	0.0518271	0.274214	-3.64679	3.84287	20.8085	4.81318	1
cg20681975	0.0429024	1.1944	1.1944	2.31E-05	0.52446	-1.90672	0.929529	0.993279	-1.00677	0.0795992	1.15989	1.15989	15.062	1.38645	0.0818216	1
cg26650651	0.947788	1.01949	1.01949	0.993775	0.997703	-1.0023	0.412801	0.781288	-1.27994	0.923687	0.972153	-1.02864	4.78368	6.58284	1.2232	1
cg20622089	0.108491	0.476779	-2.09741	1.90E-05	0.0252925	-39.5374	0.971252	1.01536	1.01536	0.658489	1.20706	1.20706	9.60405	27.2247	2.51974	1
cg02498983	0.0470371	0.739155	-1.3529	0.00106545	0.525615	-1.90253	0.00586844	0.619099	-1.61525	0.442317	0.901073	-1.10979	4.92949	1.38047	0.248927	1
cg19961480	0.045872	10.5064	10.5064	0.00461602	48.1237	48.1237	0.0104913	27.389	27.389	0.0327363	13.0342	13.0342	4.30487	72.0106	14.8691	1
cg24276445	0.0295492	1.36556	1.36556	0.000943818	1.82147	1.82147	0.164579	1.19758	1.19758	0.354715	1.12274	1.12274	7.80858	1.82857	0.208156	1
cg23276695	0.209243	1.16307	1.16307	0.000333015	1.93642	1.93642	0.0802115	0.8013	-1.24797	0.0840408	0.803975	-1.24382	7.70146	1.58894	0.183393	1
cg02436141	0.661107	1.10726	1.10726	0.0675587	1.60482	1.60482	0.134122	1.45226	1.45226	0.305964	1.27738	1.27738	7.3836	6.23817	0.750994	1
cg26556436	0.0217922	0.735907	-1.35887	0.675662	0.954215	-1.04798	0.11482	0.826137	-1.21045	0.565093	1.06692	1.06692	3.76831	0.740378	0.174644	1
cg10227880	1.01E-05	0.161582	-6.18881	1.50E-06	0.0958677	-10.431	9.27E-05	0.261239	-3.82791	0.000379487	0.335374	-2.98175	57.3449	33.6308	0.521303	1
cg03750587	0.0536836	0.726301	-1.37684	0.575891	0.920819	-1.08599	0.114838	0.778582	-1.28439	5.28E-05	0.332121	-3.01095	15.0356	5.07329	0.299928	1
cg05524740	0.0120922	0.373759	-2.67552	0.00695667	0.333434	-2.99909	0.0240381	0.428867	-2.33172	0.00812785	0.344453	-2.90316	11.7855	18.4678	1.39289	1
cg10978503	0.0035895	0.351353	-2.84614	0.00448824	0.366097	-2.73151	0.00232272	0.323643	-3.08982	0.109839	0.62984	-1.58771	9.64524	10.7462	0.990349	1
cg16410115	0.0785882	0.594865	-1.68105	0.177701	0.683291	-1.46351	0.402311	0.796213	-1.25594	0.102623	0.621979	-1.60777	4.79623	5.36965	0.995161	1
cg26404511	0.509862	0.794011	-1.25943	?	?	?	0.291938	0.685728	-1.4583	0.650804	1.17025	1.17025	4.6623	7.81335	1.67586	1
cg24452347	0.591956	1.18574	1.18574	0.48686	1.24912	1.24912	0.0179322	2.4737	2.4737	0.000833686	4.87222	4.87222	4.07687	6.40152	1.39574	1
cg00660272	0.0822924	0.502255	-1.99102	0.00425877	0.254513	-3.92907	0.657201	0.852319	-1.17327	0.22977	0.637098	-1.56962	3.4762	7.04713	1.802	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07080358	CNRIP1;CNRIP1	3.10E-05	2.23E-05	0.632391	-1.5813	0.0684833	1.11617	1.11617	0.000140695	1.4249	1.4249	0.958328	0.997188	-1.00282	0.0638669	1.11879	1.11879
cg05894910	CNRIP1;CNRIP1	0.00018388	0.000233807	0.160372	-6.23551	0.0855713	0.565542	-1.76822	0.0133154	2.50873	2.50873	0.00119043	0.240485	-4.15826	9.81E-06	0.0577829	-17.3062
cg10021043	CNRIP1;CNRIP1	0.000811128	0.549068	1.22212	1.22212	?	?	?	0.00358013	3.68916	3.68916	3.18E-05	0.0685642	-14.5849	0.603288	0.840744	-1.18942
cg21581504	CNRIP1;CNRIP1	0.00411086	0.00668604	2.76652	2.76652	0.0600226	1.84713	1.84713	0.00440706	3.00245	3.00245	0.000955192	4.15212	4.15212	0.998078	1.0007	1.0007
cg22400703	CNRIP1;CNRIP1	0.00457608	0.0259467	3.26847	3.26847	0.0486116	2.74324	2.74324	0.000779799	9.74639	9.74639	0.00355392	5.87002	5.87002	0.787313	1.1288	1.1288
cg06275642	CNRIP1;CNRIP1	0.0063168	0.023872	2.01773	2.01773	0.170922	1.46177	1.46177	0.065967	1.71111	1.71111	0.00631932	2.52429	2.52429	0.10888	1.57665	1.57665
cg25610029	CNRIP1;CNRIP1	0.0209215	0.102482	0.72205	-1.38495	0.607758	1.09895	1.09895	0.0302562	1.59088	1.59088	0.826354	1.04086	1.04086	0.00626556	0.522491	-1.91391
cg24171907	CNRIP1;CNRIP1;CNRIP1;CNRIP1	0.0441072	0.357288	1.40841	1.40841	0.160787	1.71925	1.71925	0.629374	1.19233	1.19233	0.846104	0.932123	-1.07282	0.173785	0.592473	-1.68784
cg10205958	CNST;CNST	0.000172514	0.0419176	0.722279	-1.38451	0.688694	0.945649	-1.05748	0.222046	1.19493	1.19493	0.705235	1.05415	1.05415	0.000236906	0.429495	-2.32832
cg10985909	CNST;CNST	0.0154334	0.763369	1.1104	1.1104	0.0061213	3.45842	3.45842	0.0853636	1.93411	1.93411	0.380856	1.36583	1.36583	0.652842	0.854663	-1.17005
cg20696225	CNST;CNST	0.0292194	0.101426	0.788744	-1.26784	0.317238	0.872136	-1.14661	0.33708	1.13993	1.13993	0.331652	0.875871	-1.14172	0.00972648	0.648727	-1.54148
cg00306607	CNST;CNST;CNST;TFB2M;CNST	0.00458713	0.0296309	0.762504	-1.31147	0.0720227	1.23695	1.23695	0.1322	1.18774	1.18774	0.0251899	0.754344	-1.32566	0.00799794	0.697719	-1.43324
cg05721645	CNST;CNST;TFB2M	0.00691476	0.233803	1.31123	1.31123	0.36996	1.22124	1.22124	0.634352	1.10961	1.10961	0.157358	1.38853	1.38853	0.000187835	0.254643	-3.92706
cg12910806	CNST;TFB2M;CNST	0.00137984	0.000826806	0.0351749	-28.4294	0.00143136	0.0466465	-21.4379	0.00593063	0.0914276	-10.9376	0.31838	0.503828	-1.98481	0.00230794	0.0589906	-16.9518
cg17815049	CNST;TFB2M;CNST	0.00865248	0.00287227	0.0437738	-22.8447	0.0099204	0.0833103	-12.0033	0.226698	0.379697	-2.63368	0.0903036	0.240733	-4.15399	0.00878185	0.0783821	-12.758
cg20615951	CNST;TFB2M;CNST	0.0429774	0.323707	0.908865	-1.10027	0.089083	1.1922	1.1922	0.95248	1.0056	1.0056	0.224379	0.887226	-1.12711	0.177624	0.874312	-1.14376
cg14343283	CNTD1	0.0415682	0.519155	0.767861	-1.30232	0.184785	0.566365	-1.76565	0.105576	0.489368	-2.04345	0.215156	0.590158	-1.69446	0.0014153	0.154547	-6.47052
cg04987362	CNTD1	0.0445507	0.038753	0.231847	-4.31319	0.06294	0.278683	-3.58831	0.155397	0.395157	-2.53064	0.209337	0.445692	-2.2437	0.0537612	0.262498	-3.80955
cg22325715	CNTD1;CCDC56	0.000512759	0.111881	1.17783	1.17783	0.000385189	1.70834	1.70834	0.00794779	1.3795	1.3795	0.0280222	1.27808	1.27808	0.000817593	0.620699	-1.61109
cg10506057	CNTD1;CCDC56	0.0283816	0.0099887	2.13578	2.13578	0.0754717	0.630251	-1.58667	0.095905	1.53203	1.53203	0.157615	1.42261	1.42261	0.318268	1.27206	1.27206
cg26460867	CNTD1;CCDC56	0.0402879	0.0303847	1.47915	1.47915	0.345955	0.861307	-1.16103	0.188749	1.23887	1.23887	0.541718	1.09968	1.09968	0.0103806	1.643	1.643
cg22239334	CNTD1;CCDC56	0.0437564	0.0331661	0.250845	-3.98653	0.078655	0.338023	-2.95837	0.0429181	0.274201	-3.64696	0.605756	0.748905	-1.33528	0.0116048	0.173373	-5.76792
cg24878059	CNTD2	8.33E-05	0.29466	1.19459	1.19459	0.000307816	2.60754	2.60754	0.00518867	1.82861	1.82861	0.0723829	1.38819	1.38819	1.37E-05	0.226058	-4.42364
cg27383956	CNTD2	0.000161604	0.571563	1.13135	1.13135	0.112204	1.45255	1.45255	0.355152	1.22792	1.22792	0.763151	1.06741	1.06741	7.77E-05	0.213518	-4.68344
cg00851394	CNTD2	0.000247746	0.165375	1.45189	1.45189	0.00307684	0.360197	-2.77626	0.00730317	0.418225	-2.39106	0.657743	1.11891	1.11891	4.09E-06	0.0677816	-14.7533
cg26456563	CNTD2	0.000488851	0.130734	0.687742	-1.45403	0.0126595	0.491198	-2.03584	0.248547	0.758293	-1.31875	0.00833879	0.461458	-2.16705	9.52E-06	0.111973	-8.93072
cg17069873	CNTD2	0.000492251	0.34837	0.807752	-1.238	0.096686	1.49671	1.49671	0.135685	1.42703	1.42703	0.434031	1.19307	1.19307	0.00038692	0.285981	-3.49674
cg23850904	CNTD2	0.00448278	0.150481	0.621516	-1.60897	0.0830258	1.80809	1.80809	0.0139158	2.55383	2.55383	0.579493	1.18854	1.18854	0.266963	0.699846	-1.42889
cg02666638	CNTD2	0.0130411	0.00692035	0.27127	-3.68637	0.154845	1.76532	1.76532	0.964832	0.983677	-1.01659	0.166364	1.73472	1.73472	0.0977754	0.507605	-1.97003
cg09089053	CNTD2	0.0146395	0.00917785	0.351675	-2.84353	0.0125406	0.374976	-2.66684	0.247539	0.682562	-1.46507	0.208465	1.52024	1.52024	0.00141139	0.23225	-4.30571
cg12564097	CNTD2	0.0208894	0.111079	2.79589	2.79589	0.0476336	3.82541	3.82541	0.0950343	2.96403	2.96403	0.307134	1.87047	1.87047	0.0312966	0.223938	-4.46552
cg24354624	CNTD2	0.030933	0.237132	1.92188	1.92188	0.261318	1.85504	1.85504	0.330322	1.6987	1.6987	0.121956	2.4212	2.4212	0.0684542	0.340976	-2.93275
cg12099279	CNTD2	0.0354765	0.710305	1.22187	1.22187	0.185563	2.1253	2.1253	0.0220974	4.36647	4.36647	0.012779	5.26565	5.26565	0.126766	0.411866	-2.42798
cg08871608	CNTD2	0.039583	0.330591	0.403555	-2.47798	0.0753387	0.167007	-5.98776	0.100594	5.08218	5.08218	0.412037	2.13428	2.13428	0.100562	0.19673	-5.08311
cg11800832	CNTD2	0.0496581	0.868135	0.865842	-1.15495	0.0567859	6.48252	6.48252	0.0309137	8.99654	8.99654	0.0193024	11.6258	11.6258	0.286748	0.383277	-2.60908
cg10722426	CNTD2	0.0496834	0.034934	3.64776	3.64776	0.470997	1.47122	1.47122	0.144217	2.28405	2.28405	0.127306	2.38261	2.38261	0.0389037	3.52141	3.52141
cg05921232	CNTF;ZFP91-CNTF	0.0278569	0.283857	0.660512	-1.51398	0.448202	0.749821	-1.33365	0.00691014	0.271893	-3.67792	0.705129	1.15213	1.15213	0.00648302	0.267602	-3.73689
cg26411814	CNTF;ZFP91-CNTF	0.0329196	0.531275	1.12949	1.12949	0.00323006	0.462353	-2.16285	0.00359843	0.469135	-2.13158	0.630061	0.911028	-1.09766	0.246909	0.792572	-1.26172
cg12188560	CNTFR;CNTFR	9.76E-05	0.00843472	0.69197	-1.44515	1.60E-05	2.64789	2.64789	0.0085739	1.44344	1.44344	0.00361615	1.53896	1.53896	0.000886943	0.579758	-1.72486
cg13947167	CNTFR;CNTFR	0.0202733	0.731032	0.810401	-1.23396	0.106922	0.342231	-2.922	0.020993	5.42865	5.42865	0.044896	4.06495	4.06495	0.0200833	0.181096	-5.52195
cg13462622	CNTFR;LOC415056;CNTFR	0.0110799	0.00314044	0.387233	-2.58243	0.00176528	0.351108	-2.84812	0.131264	0.681916	-1.46646	0.277278	0.76682	-1.30409	0.656711	0.900225	-1.11083
cg14418582	CNTLN	0.00366477	0.179648	0.582451	-1.71688	0.0494573	0.427319	-2.34017	0.00280946	0.209874	-4.76476	0.052125	0.432638	-2.3114	0.000568937	0.13208	-7.57117
cg14048783	CNTLN;CNTLN	0.000286031	0.00230576	0.243837	-4.1011	0.00102234	0.199185	-5.02047	0.0182526	0.386935	-2.58441	0.598844	0.838689	-1.19234	0.000647328	0.176596	-5.66263
cg20141118	CNTLN;CNTLN	0.0104284	0.577397	1.1293	1.1293	0.0230809	1.79848	1.79848	0.0808005	1.51934	1.51934	0.00102287	2.86259	2.86259	0.177274	0.733615	-1.36311
cg00596508	CNTN1;CNTN1	0.000607142	5.28E-05	0.0921436	-10.8526	0.460474	0.807498	-1.23839	?	?	?	0.00829582	2.70877	2.70877	0.782372	0.924405	-1.08178
cg02622052	CNTN1;CNTN1	0.000850633	0.752998	1.03939	1.03939	0.0275318	1.37575	1.37575	0.0384499	1.34113	1.34113	0.547785	0.928261	-1.07728	0.0681363	0.778802	-1.28402
cg14625113	CNTN1;CNTN1	0.0195444	0.579406	1.09912	1.09912	0.132741	1.31501	1.31501	0.0065899	1.81408	1.81408	0.757801	0.949122	-1.05361	0.571026	1.10148	1.10148
cg02033213	CNTN1;CNTN1	0.040976	0.0467599	1.65987	1.65987	0.00785357	2.13665	2.13665	0.945708	1.01527	1.01527	0.00828086	2.12005	2.12005	0.584843	1.13065	1.13065
cg08990926	CNTN1;CNTN1;CNTN1;CNTN1	0.00329469	0.131952	0.652598	-1.53234	0.0692249	0.586499	-1.70503	0.237031	1.38428	1.38428	0.124494	0.646245	-1.5474	0.144184	1.50954	1.50954
cg17860158	CNTN2	3.60E-05	0.243772	0.835091	-1.19747	0.0214798	1.50408	1.50408	3.90E-07	8.54047	8.54047	0.210086	1.21553	1.21553	0.546886	0.913851	-1.09427
cg06617202	CNTN2	0.0013656	0.341585	0.65337	-1.53053	0.265115	1.656	1.656	0.0308708	0.332553	-3.00704	0.523071	0.754951	-1.32459	0.000129798	0.0557249	-17.9453
cg01537455	CNTN2	0.00178032	0.235178	1.30835	1.30835	0.280267	1.27437	1.27437	0.000917054	0.342959	-2.9158	0.372214	1.21884	1.21884	0.269355	1.28207	1.28207
cg12269394	CNTN2	0.00205357	0.0223065	0.565677	-1.76779	0.320346	0.807651	-1.23816	9.43E-05	4.2532	4.2532	0.0232224	0.568664	-1.75851	0.330693	0.811546	-1.23222
cg02914063	CNTN2	0.00452536	0.193573	0.683749	-1.46252	0.0114513	2.39737	2.39737	0.0143012	0.433965	-2.30433	0.744521	0.913599	-1.09457	0.000372721	0.207376	-4.82215
cg01243924	CNTN2	0.00454866	0.126236	0.680487	-1.46954	0.386231	0.813277	-1.22959	0.0661092	0.618979	-1.61556	0.421508	0.826077	-1.21054	0.000173994	0.227024	-4.40483
cg11835080	CNTN2	0.0138212	0.556147	0.746485	-1.33961	0.0527221	2.94933	2.94933	0.0974977	0.409399	-2.44261	0.740043	1.17767	1.17767	0.000704137	0.0791526	-12.6338
cg03732545	CNTN2	0.0277801	0.946756	0.983448	-1.01683	0.70109	1.10118	1.10118	0.00179629	3.03415	3.03415	0.440149	1.21743	1.21743	0.391564	0.803025	-1.24529
cg25603742	CNTN2	0.0279627	0.142998	2.62027	2.62027	0.00763924	8.15412	8.15412	0.0617486	3.62352	3.62352	0.0309267	4.71374	4.71374	0.250882	2.08368	2.08368
cg24470887	CNTN2	0.033028	0.133937	0.720161	-1.38858	0.897761	0.97423	-1.02645	0.0727725	0.665958	-1.5016	0.0164502	0.551374	-1.81365	0.00234921	0.422243	-2.3683
cg10892778	CNTN2	0.0334869	0.0330105	0.499964	-2.00014	0.290664	0.737193	-1.3565	0.0429133	0.52317	-1.91142	0.515234	0.832381	-1.20137	0.00147687	0.279271	-3.58075
cg19384775	CNTN2	0.0454805	0.960463	0.993416	-1.00663	0.809441	0.968319	-1.03272	?	?	?	0.975073	0.995845	-1.00417	0.436099	0.899535	-1.11169
cg08125719	CNTN2;CNTN2	9.22E-05	0.700688	0.90582	-1.10397	0.0225524	0.496803	-2.01287	1.69E-06	21.5926	21.5926	0.0210761	2.03498	2.03498	0.819452	0.943131	-1.0603
cg03142956	CNTN2;CNTN2	0.0002401	0.260615	0.779689	-1.28256	0.0771022	0.659089	-1.51725	4.66E-06	9.26929	9.26929	0.668084	1.09581	1.09581	0.866156	1.03643	1.03643
cg13336112	CNTN3	0.0283939	0.373744	0.755099	-1.32433	0.661108	0.87309	-1.14536	0.000756769	0.207842	-4.81134	0.416604	0.774593	-1.291	0.301648	0.719477	-1.3899
cg00912625	CNTN4	0.00179493	0.295445	0.827348	-1.20868	0.00486101	1.91987	1.91987	0.687815	1.07311	1.07311	0.836573	0.964561	-1.03674	0.772686	1.0519	1.0519
cg10503138	CNTN4	0.00413982	0.0562411	0.540259	-1.85097	0.657824	1.13535	1.13535	0.141129	0.637167	-1.56945	0.0137326	2.38137	2.38137	0.0265956	0.473103	-2.1137
cg10967350	CNTN4	0.00775074	0.974198	0.99176	-1.00831	0.213229	1.39839	1.39839	0.24548	1.36445	1.36445	0.147563	1.48809	1.48809	0.974297	0.991792	-1.00828
cg09436171	CNTN4	0.0117243	0.0709732	2.32322	2.32322	0.00242206	5.8398	5.8398	0.99819	1.00095	1.00095	0.115152	2.04583	2.04583	0.00426431	0.202322	-4.9426
cg16139517	CNTN4	0.0153402	0.0887207	0.441881	-2.26305	0.0517948	0.381881	-2.61861	0.0314315	0.333632	-2.99731	0.0301186	0.329791	-3.03223	0.00709631	0.220249	-4.54031
cg14862722	CNTN4	0.020358	0.0324728	0.231322	-4.32297	0.00158146	0.070459	-14.1926	0.0300928	0.224988	-4.44469	0.389038	0.596774	-1.67568	0.0135232	0.167379	-5.97447
cg02944123	CNTN4	0.0248862	0.0456356	0.218681	-4.57287	0.0220894	0.161937	-6.17525	0.0343464	0.194501	-5.14137	0.340115	0.520943	-1.91959	0.0166937	0.143971	-6.94584
cg21928760	CNTN4	0.0258309	0.745486	1.09446	1.09446	0.0213841	0.464741	-2.15173	0.33875	0.760891	-1.31425	0.0179545	0.450718	-2.21868	0.00193359	0.296483	-3.37288
cg26226254	CNTN4	0.029297	0.519429	0.829074	-1.20617	0.117588	0.613953	-1.62879	0.0186983	0.441314	-2.26596	0.915091	0.969852	-1.03108	0.00602036	0.356997	-2.80114
cg23163386	CNTN4	0.0410198	0.880109	0.982189	-1.01813	0.026201	1.36894	1.36894	0.276122	0.873813	-1.14441	0.304339	1.13503	1.13503	0.455289	0.91343	-1.09477
cg19604896	CNTN4	0.0421358	0.00617523	0.277588	-3.60246	0.254625	0.652575	-1.53239	0.123397	0.549435	-1.82005	0.116496	0.542247	-1.84418	0.0245697	0.382552	-2.61403
cg12249987	CNTN4;CNTN4	0.000449233	0.000504752	0.376847	-2.6536	0.458683	0.873328	-1.14504	0.00470582	0.509545	-1.96253	0.375448	1.17737	1.17737	0.0110605	0.564398	-1.7718
cg07850323	CNTN4;CNTN4	0.0169728	0.579208	1.19456	1.19456	0.0596895	0.509441	-1.96294	0.473812	0.793574	-1.26012	0.539964	0.821253	-1.21765	0.000758345	0.197877	-5.05365
cg04737845	CNTN4;CNTN4;CNTN4	5.43E-05	4.22E-05	0.196379	-5.09218	0.0020462	0.403396	-2.47895	0.472544	0.858438	-1.16491	0.00192731	0.399712	-2.5018	1.28E-05	0.147188	-6.79404
cg08144588	CNTN4;CNTN4;CNTN4	0.00291272	0.342542	1.18914	1.18914	0.0926666	1.38788	1.38788	0.208434	1.26481	1.26481	0.0884351	1.39512	1.39512	0.00111637	0.427221	-2.34071
cg17664269	CNTN4;CNTN4;CNTN4	0.0121912	0.909413	0.963378	-1.03801	0.129542	0.584582	-1.71062	0.0285729	0.428797	-2.33211	0.641416	0.857491	-1.16619	0.00025165	0.138249	-7.23331
cg18109530	CNTN5;CNTN5	4.13E-06	1.08E-05	0.428816	-2.33201	0.349633	1.09081	1.09081	7.40E-05	0.521951	-1.91589	1.52E-05	0.445158	-2.24639	1.44E-05	0.44279	-2.25841
cg16035520	CNTN5;CNTN5	0.00205143	0.0249474	0.695621	-1.43756	5.70E-05	2.76274	2.76274	0.0371677	1.38971	1.38971	0.273339	0.856355	-1.16774	0.612389	0.932859	-1.07197
cg22878054	CNTN5;CNTN5	0.00846304	0.0792161	0.411229	-2.43173	0.00330478	0.161256	-6.20133	0.0181622	0.270358	-3.6988	0.0497101	0.360287	-2.77557	0.00271135	0.151254	-6.61139
cg18528124	CNTN5;CNTN5	0.0173578	0.0185175	0.492004	-2.0325	0.336464	0.781835	-1.27904	0.0115248	0.456256	-2.19175	0.416831	0.813779	-1.22883	0.00127173	0.311178	-3.2136
cg03823352	CNTN5;CNTN5	0.0455939	0.1846	0.582705	-1.71613	0.520034	1.28437	1.28437	0.229604	0.616431	-1.62224	0.98582	1.00684	1.00684	0.00242019	0.197702	-5.05811
cg04719537	CNTN5;CNTN5	0.0479668	0.634456	0.882946	-1.13257	0.359314	1.27758	1.27758	0.0712252	0.592312	-1.6883	0.756175	0.922237	-1.08432	0.215954	0.712871	-1.40278
cg11795832	CNTN6	0.000630931	0.0081813	0.546995	-1.82817	0.121531	1.34887	1.34887	0.000291765	0.348946	-2.86578	0.710615	0.935715	-1.0687	0.000724201	0.399851	-2.50093
cg21067428	CNTN6	0.0076471	0.00227459	0.155848	-6.41652	0.0354388	0.344218	-2.90513	0.334701	0.648389	-1.54228	0.559216	1.29329	1.29329	0.000562229	0.0974173	-10.2651
cg19751562	CNTN6	0.00891638	0.0100693	0.298067	-3.35495	0.0360523	0.403022	-2.48126	0.148735	0.561452	-1.7811	0.336965	0.691447	-1.44624	0.980869	0.991103	-1.00898
cg23140965	CNTN6	0.0183801	0.0235799	0.403817	-2.47637	0.00804295	0.320206	-3.12299	0.0100039	0.335982	-2.97635	0.534963	0.809979	-1.2346	0.964318	0.985108	-1.01512
cg16857113	CNTN6	0.0200835	0.0278456	0.257277	-3.88686	0.00372521	0.129232	-7.73799	0.0160371	0.214501	-4.66198	0.159091	0.455657	-2.19463	0.0470681	0.305156	-3.27701
cg16522250	CNTN6	0.0371882	0.218564	0.531343	-1.88202	0.0155976	0.234818	-4.25862	0.013676	0.225354	-4.43746	0.344554	0.621428	-1.6092	0.390989	0.650843	-1.53647
cg02499236	CNTN6	0.0397464	0.545772	0.908406	-1.10083	0.860983	1.02792	1.02792	0.0634526	0.720419	-1.38808	0.144134	0.781499	-1.27959	0.0118411	0.610341	-1.63843
cg12559685	CNTNAP1	0.00293722	0.00258389	6.24062	6.24062	0.00908837	4.27707	4.27707	0.000978959	8.58062	8.58062	0.0214157	3.35981	3.35981	0.0197035	3.4382	3.4382
cg02750954	CNTNAP1	0.00300246	0.171722	0.685627	-1.45852	0.00190002	3.13116	3.13116	0.237705	1.37831	1.37831	0.902869	0.968826	-1.03218	0.000600357	0.253291	-3.94802
cg20841748	CNTNAP1	0.00503542	0.00609189	6.51043	6.51043	0.00457641	7.20795	7.20795	0.0265223	3.95869	3.95869	0.0492001	3.23689	3.23689	0.00783756	5.96172	5.96172
cg21946667	CNTNAP1	0.0080738	0.00792757	3.07789	3.07789	0.0166545	2.62555	2.62555	0.0914201	1.84738	1.84738	0.072436	1.93842	1.93842	0.0417864	2.17013	2.17013
cg03960589	CNTNAP1	0.0101623	0.0496861	0.463284	-2.1585	0.676063	0.865535	-1.15535	0.67998	0.867156	-1.1532	0.664415	0.860709	-1.16183	0.0037678	0.260912	-3.83272
cg11629889	CNTNAP1	0.0109969	0.00824747	6.63778	6.63778	0.00396541	8.76149	8.76149	0.0211984	4.7215	4.7215	0.108848	2.66353	2.66353	0.0236905	4.54002	4.54002
cg27616541	CNTNAP1	0.0116265	0.00361775	9.93513	9.93513	0.143792	2.49859	2.49859	0.0853689	3.03083	3.03083	0.105483	2.80434	2.80434	0.0233242	4.85638	4.85638
cg10457885	CNTNAP1	0.0178782	0.182159	1.34501	1.34501	0.0108351	1.95387	1.95387	0.733925	0.931074	-1.07403	0.184852	1.34228	1.34228	0.0132876	0.526138	-1.90064
cg05053327	CNTNAP1	0.0230096	0.0167726	7.74559	7.74559	0.0232375	6.70287	6.70287	0.00866234	10.4526	10.4526	0.14593	2.9886	2.9886	0.0318792	5.83421	5.83421
cg16308533	CNTNAP1	0.0284393	0.0286935	6.63441	6.63441	0.0200806	7.81992	7.81992	0.0197895	7.87302	7.87302	0.18583	2.79722	2.79722	0.0501348	5.14318	5.14318
cg07871971	CNTNAP1	0.0288201	0.0418786	2.87862	2.87862	0.0190973	3.5926	3.5926	0.245899	1.72832	1.72832	0.0854075	2.35683	2.35683	0.453947	0.708986	-1.41046
cg26716902	CNTNAP1	0.0302577	0.45291	0.638047	-1.56728	0.00181111	0.0737937	-13.5513	0.150216	2.47526	2.47526	0.85719	0.899555	-1.11166	0.0607169	0.288645	-3.46446
cg16405211	CNTNAP2	2.05E-06	3.34E-08	0.0441345	-22.658	0.00731009	0.58112	-1.72081	0.018117	0.637369	-1.56895	0.286749	1.18959	1.18959	9.52E-06	0.223605	-4.47218
cg14248352	CNTNAP2	1.63E-05	8.25E-07	0.0552877	-18.0872	0.0137231	0.511907	-1.95348	0.000158375	0.241841	-4.13496	0.000482036	0.300254	-3.33051	0.282743	0.782494	-1.27797
cg07035001	CNTNAP2	2.52E-05	4.05E-07	0.0915658	-10.9211	0.0127872	1.66835	1.66835	0.00247025	0.498298	-2.00683	0.309816	0.840354	-1.18998	0.0120689	0.595706	-1.67868
cg18216587	CNTNAP2	5.72E-05	8.33E-07	0.0610444	-16.3815	0.580834	0.888241	-1.12582	0.00291327	0.419249	-2.38522	0.856577	0.962286	-1.03919	0.000271337	0.281254	-3.55551
cg10941174	CNTNAP2	7.33E-05	0.000167252	0.400949	-2.49408	0.365203	0.875746	-1.14188	0.00252793	0.550001	-1.81818	0.0062465	0.601564	-1.66233	3.58E-05	0.320878	-3.11645
cg26820118	CNTNAP2	0.000246575	0.0494321	0.625864	-1.59779	0.00155041	0.386278	-2.58881	0.904856	0.975318	-1.02531	0.500421	0.866796	-1.15367	0.00227353	0.409748	-2.44052
cg18625951	CNTNAP2	0.000493988	2.21E-05	0.0242202	-41.2879	0.464602	0.722375	-1.38432	0.00166639	0.140153	-7.13505	0.802489	0.896274	-1.11573	0.148522	0.50808	-1.96819
cg21322436	CNTNAP2	0.000713011	0.159676	1.06977	1.06977	0.615808	1.02297	1.02297	0.0233863	1.12928	1.12928	0.750999	0.985812	-1.01439	0.000429311	0.778705	-1.28418
cg21009420	CNTNAP2	0.00104875	8.25E-05	0.158137	-6.32362	0.332528	0.771071	-1.2969	0.0284023	0.510289	-1.95968	0.607225	1.14436	1.14436	0.000393932	0.230342	-4.34137
cg22635363	CNTNAP2	0.00300341	0.741312	1.08172	1.08172	0.214523	0.733557	-1.36322	0.000265944	0.241787	-4.13586	0.144627	0.689674	-1.44996	0.00639248	0.431115	-2.31957
cg06730364	CNTNAP2	0.00344348	0.0052722	0.649936	-1.53861	0.000529525	1.8817	1.8817	0.039937	1.32069	1.32069	0.0576622	0.777686	-1.28587	0.408282	1.10415	1.10415
cg27562595	CNTNAP2	0.00347637	0.000210998	0.281051	-3.55807	0.604217	0.898405	-1.11308	0.0141383	0.537736	-1.85965	0.0927954	0.684608	-1.46069	0.0114637	0.523046	-1.91188
cg16254309	CNTNAP2	0.00364914	0.000739289	2.52968	2.52968	0.0001546	3.23452	3.23452	0.909741	1.02075	1.02075	0.109328	1.37186	1.37186	0.432899	1.15596	1.15596
cg26107538	CNTNAP2	0.0050707	0.000359792	0.377633	-2.64807	0.315394	0.838082	-1.1932	0.0191866	0.617449	-1.61957	0.415817	0.868042	-1.15202	0.780019	0.953475	-1.0488
cg03892601	CNTNAP2	0.00832225	0.708161	0.920945	-1.08584	0.0604827	0.62901	-1.5898	0.26997	0.777576	-1.28605	0.00709442	2.14225	2.14225	0.403725	1.20578	1.20578
cg11207515	CNTNAP2	0.0085251	0.00072751	0.0484671	-20.6326	0.242467	0.486435	-2.05577	0.00626101	0.122625	-8.15493	0.141149	0.393631	-2.54045	0.00566592	0.117854	-8.48504
cg19260567	CNTNAP2	0.01062	0.001866	0.108306	-9.2331	0.31958	0.595687	-1.67873	0.00267346	0.123537	-8.09477	0.273582	0.563355	-1.77508	0.00584696	0.162451	-6.15569
ch.7.3089487R	CNTNAP2	0.0114863	0.00205894	0.0600877	-16.6423	0.00233986	0.0638208	-15.6689	0.0714004	0.271371	-3.68499	0.00495582	0.089807	-11.135	0.0348113	0.203209	-4.92104
cg23708361	CNTNAP2	0.0116426	0.00318528	2.18976	2.18976	0.0751561	1.47052	1.47052	0.0139603	1.80556	1.80556	0.92607	0.982101	-1.01823	0.72451	1.07129	1.07129
cg15208525	CNTNAP2	0.0118384	0.00205153	0.239266	-4.17945	0.00926545	0.33715	-2.96604	0.00263996	0.254091	-3.9356	0.0141736	0.369174	-2.70875	0.0450828	0.46904	-2.13201
cg18804920	CNTNAP2	0.0121663	0.00743158	0.164625	-6.07441	0.00159128	0.0933641	-10.7108	0.0136681	0.202731	-4.93264	0.372267	0.619195	-1.615	0.014343	0.206038	-4.85347
cg07657658	CNTNAP2	0.0204774	0.0171333	0.248645	-4.0218	0.365069	0.640311	-1.56174	0.633967	0.794712	-1.25832	0.252106	1.7737	1.7737	0.749755	1.16566	1.16566
cg15440158	CNTNAP2	0.0242593	0.0147991	0.273532	-3.65588	0.0290204	3.04189	3.04189	0.456313	1.38813	1.38813	0.405178	1.44508	1.44508	0.582255	0.7865	-1.27146
cg05082805	CNTNAP2	0.0266534	0.00279236	0.257521	-3.88317	0.275032	0.688073	-1.45333	0.510423	0.802692	-1.24581	0.947378	1.02197	1.02197	0.38792	1.3382	1.3382
cg10778837	CNTNAP2	0.0318948	0.244185	0.691816	-1.44547	0.538435	1.20726	1.20726	0.01997	0.427752	-2.3378	0.0021344	0.271238	-3.68679	0.922173	0.970882	-1.02999
cg03252313	CNTNAP2	0.0357579	0.0137493	0.102458	-9.76006	0.0205317	0.124009	-8.0639	0.0173224	0.114415	-8.74011	0.043299	0.175771	-5.68921	0.0458736	0.180551	-5.53861
cg06059332	CNTNAP2	0.0431287	0.0585203	0.681059	-1.4683	0.109933	1.36771	1.36771	0.445732	0.869626	-1.14992	0.136067	1.33464	1.33464	0.0121377	0.570158	-1.7539
cg21475065	CNTNAP2	0.0475949	0.0124755	0.109112	-9.16492	0.0142384	0.115927	-8.62614	0.0234754	0.145331	-6.88085	0.267304	0.43886	-2.27863	0.0474685	0.198724	-5.03211
cg11474182	CNTNAP3	2.92E-05	7.17E-06	0.190116	-5.25995	0.0578896	0.698332	-1.43198	5.27E-05	0.282214	-3.54341	0.0610549	1.42407	1.42407	0.000122077	0.325244	-3.07462
cg13706899	CNTNAP3	0.000116129	0.926819	1.01103	1.01103	3.42E-05	0.383964	-2.60441	0.0462312	0.761418	-1.31334	0.0045586	0.637047	-1.56974	0.222675	0.858174	-1.16526
cg11528835	CNTNAP3	0.00193697	0.359178	1.3637	1.3637	0.0147966	0.372796	-2.68243	0.170815	0.618875	-1.61583	0.636951	0.855199	-1.16932	0.939199	1.02542	1.02542
cg14490735	CNTNAP3	0.0488322	0.770141	1.10388	1.10388	0.0148788	2.74682	2.74682	0.382105	0.73906	-1.35307	0.91817	0.965927	-1.03527	0.0318644	0.428079	-2.33602
cg26577454	CNTNAP4;CNTNAP4	0.00243455	0.00146525	0.378429	-2.6425	0.0151773	1.84716	1.84716	?	?	?	0.0402926	1.62007	1.62007	0.0189731	0.558205	-1.79146
cg25383242	CNTNAP4;CNTNAP4	0.00441251	0.328474	0.899158	-1.11215	0.7442	1.03511	1.03511	0.00501533	0.676207	-1.47884	0.165191	1.16884	1.16884	0.683991	1.04407	1.04407
cg04556349	CNTNAP4;CNTNAP4	0.0112108	0.5643	0.768812	-1.30071	0.0255042	0.301961	-3.31169	0.00401373	0.174824	-5.72003	0.769949	0.876086	-1.14144	0.00336158	0.165327	-6.04862
cg01151029	CNTNAP4;CNTNAP4	0.0393443	0.929604	1.03397	1.03397	0.0192783	0.342978	-2.91564	0.0370175	0.400294	-2.49816	0.572548	1.24057	1.24057	0.844509	0.928455	-1.07706
cg24592194	CNTNAP5	0.00021245	0.000232446	0.291225	-3.43377	0.183853	0.752177	-1.32948	0.00533211	0.476413	-2.09902	0.37222	0.831062	-1.20328	9.18E-05	0.243918	-4.09973

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07080358	0.650252	0.975703	-1.0249	0.0449009	0.883345	-1.13206	0.0138007	1.17823	1.17823	6.81E-06	1.71238	1.71238	30.2071	1.38921	0.0408797	1
cg05894910	0.683501	1.13082	1.13082	0.304663	0.726999	-1.37552	0.038151	0.486385	-2.05598	0.92175	1.02991	1.02991	18.7942	26.777	1.26644	1
cg10021043	0.23319	0.661276	-1.51223	0.510587	1.24708	1.24708	0.558845	0.822351	-1.21603	0.111425	1.77478	1.77478	12.7822	19.699	1.54112	1
cg21581504	0.566478	0.845694	-1.18246	0.362213	1.31111	1.31111	0.912756	0.968798	-1.03221	0.0010469	4.06717	4.06717	7.78801	10.3186	1.17772	1
cg22400703	0.642754	0.811177	-1.23278	0.350581	0.650229	-1.53792	0.674812	1.20809	1.20809	0.0017869	7.32658	7.32658	7.53925	23.965	2.82551	1
cg06275642	0.843855	0.949947	-1.05269	0.0152349	2.17284	2.17284	0.125158	1.54065	1.54065	0.000214731	4.99772	4.99772	6.82964	7.33398	0.954531	1
cg25610029	0.00785208	0.53703	-1.86209	0.110782	0.728569	-1.37255	0.689777	0.929485	-1.07587	0.146842	0.752937	-1.32813	4.63295	2.43726	0.467619	1
cg24171907	0.505686	0.783262	-1.27671	0.00189848	0.203552	-4.91274	0.181398	1.67066	1.67066	0.989882	0.995423	-1.0046	3.55204	7.36105	1.84209	1
cg10205958	0.000144631	0.403234	-2.47995	2.33E-05	0.309321	-3.23289	0.615824	1.07273	1.07273	0.000741673	0.49124	-2.03567	19.1214	5.8315	0.271087	1
cg10985909	0.326644	0.703814	-1.42083	0.198525	0.624198	-1.60206	0.00124734	5.13246	5.13246	0.188849	1.62067	1.62067	5.13207	9.77798	1.69357	1
cg20696225	0.0248715	0.702349	-1.42379	0.021141	1.44318	1.44318	0.686175	0.947668	-1.05522	0.103096	0.789822	-1.26611	4.12522	1.14401	0.246508	1
cg00306607	0.00140119	0.612624	-1.63232	0.0048436	0.673235	-1.48537	0.200211	0.866502	-1.15407	0.879729	1.01616	1.01616	7.53374	1.33801	0.157868	1
cg05721645	0.130675	1.42521	1.42521	0.368846	0.818439	-1.22184	0.708999	0.921843	-1.08478	0.160391	1.38478	1.38478	6.64043	4.95593	0.663402	1
cg12910806	0.0222033	0.161653	-6.18608	0.000449027	0.0252481	-39.607	0.00862492	0.107928	-9.26541	0.00164365	0.0499766	-20.0094	10.7341	75.1183	6.22052	1
cg17815049	0.0462396	0.175126	-5.71018	0.00187015	0.0345327	-28.958	0.0203274	0.118362	-8.44868	0.0119915	0.0915229	-10.9262	6.18912	57.056	8.19445	1
cg20615951	0.0139363	0.752194	-1.32944	0.0878064	0.838075	-1.19321	0.599884	0.951586	-1.05088	0.0246791	1.28504	1.28504	3.58655	0.499283	0.123742	1
cg14343283	0.507275	0.761916	-1.31248	0.0940261	0.475119	-2.10474	0.0208025	0.324756	-3.07923	0.100155	0.482823	-2.07115	3.6312	9.39569	2.29999	1
cg04987362	0.0576182	0.26949	-3.71072	0.00413367	0.0955128	-10.4698	0.0175467	0.171158	-5.84256	0.171005	0.410554	-2.43573	3.53879	20.9048	5.25095	1
cg22325715	0.107185	1.18086	1.18086	0.000171886	1.82844	1.82844	0.949988	0.994088	-1.00595	0.885586	0.986481	-1.0137	14.1909	2.00866	0.125818	1
cg10506057	0.0127013	2.05951	2.05951	0.185827	1.38714	1.38714	0.620555	0.890105	-1.12346	0.0247267	1.86588	1.86588	4.16784	3.59215	0.766108	1
cg26460867	0.0561853	1.39469	1.39469	0.0387969	0.692081	-1.44492	0.479117	1.11703	1.11703	0.750632	1.05027	1.05027	3.67342	1.37668	0.333127	1
cg22239334	0.0251995	0.228034	-4.38532	0.0119625	0.175275	-5.70533	0.13076	0.404057	-2.4749	0.087402	0.35065	-2.85185	3.56264	17.4015	4.34173	1
cg24878059	0.372773	0.860974	-1.16148	0.713159	1.06227	1.06227	0.010107	1.70046	1.70046	0.000498213	0.410167	-2.43803	23.2474	9.85374	0.376769	1
cg27383956	0.0233833	1.79451	1.79451	0.000261327	3.65377	3.65377	0.00807924	2.07979	2.07979	0.000217524	0.264135	-3.78595	19.4618	14.3622	0.655972	1
cg00851394	0.109515	0.644232	-1.55224	0.603098	0.876175	-1.14132	0.258591	1.34587	1.34587	0.229531	0.727805	-1.374	17.3327	17.4322	0.89399	1
cg26456563	0.0809091	0.641488	-1.55887	0.395433	0.819024	-1.22097	0.0102835	0.476245	-2.09976	0.000520058	0.288971	-3.46055	14.3802	11.9839	0.740769	1
cg17069873	0.0102223	2.04624	2.04624	0.000518195	3.31163	3.31163	0.0101432	2.04854	2.04854	0.0015473	0.365404	-2.7367	14.3526	11.1161	0.688448	1
cg23850904	0.0242857	2.2901	2.2901	0.000267802	6.33263	6.33263	0.0108169	2.68534	2.68534	0.193752	1.52856	1.52856	7.58654	11.4423	1.34065	1
cg02666638	0.564236	1.24305	1.24305	0.0217559	2.79567	2.79567	0.0133627	3.13872	3.13872	0.0682144	0.46664	-2.14298	5.42455	11.9701	1.96146	1
cg09089053	0.4728	0.794006	-1.25944	0.065233	0.520058	-1.92286	0.0713149	0.529261	-1.88943	0.173961	0.633246	-1.57917	5.22249	8.25327	1.40474	1
cg12564097	0.320893	1.83576	1.83576	0.0086103	7.27464	7.27464	0.0243186	4.90313	4.90313	0.160007	0.410995	-2.43312	4.63537	25.7553	4.9389	1
cg24354624	0.116012	2.46221	2.46221	0.00567203	6.78133	6.78133	0.0134875	5.01896	5.01896	0.415412	0.644622	-1.5513	4.04255	17.8139	3.91698	1
cg12099279	0.121794	2.46156	2.46156	0.0220363	4.37056	4.37056	0.0281046	4.02661	4.02661	0.739441	1.19634	1.19634	3.84824	17.5799	4.06071	1
cg08871608	0.161195	3.86734	3.86734	0.0313569	0.10203	-9.80107	0.0435292	8.15017	8.15017	0.178134	3.6447	3.6447	3.69737	47.843	11.502	1
cg11800832	0.306158	2.50554	2.50554	0.0478468	0.140672	-7.10872	0.300256	2.53602	2.53602	0.356034	2.27734	2.27734	3.39698	40.4341	10.5804	1
cg10722426	0.0421136	3.43124	3.43124	0.00539471	6.87971	6.87971	0.0223012	4.22895	4.22895	0.214541	1.98969	1.98969	3.39632	14.9117	3.90272	1
cg05921232	0.167957	0.578456	-1.72874	0.108581	0.521009	-1.91935	0.0504769	2.29418	2.29418	0.262904	0.647397	-1.54465	4.19535	9.21991	1.95347	1
cg26411814	0.617785	1.10141	1.10141	0.97389	1.0063	1.0063	0.448561	0.862185	-1.15984	0.227995	0.7843	-1.27502	3.95352	2.30838	0.519006	1
cg12188560	0.0301004	1.32207	1.32207	0.00305638	0.641428	-1.55902	0.0117736	1.41109	1.41109	0.641516	1.05266	1.05266	22.2872	4.22929	0.168678	1
cg13947167	0.240184	2.11533	2.11533	0.0249299	5.08258	5.08258	0.113149	2.85878	2.85878	0.106618	2.92521	2.92521	4.68291	27.528	5.22525	1
cg13462622	0.00388531	0.401049	-2.49346	0.381061	1.23505	1.23505	0.683954	0.908311	-1.10094	0.125739	0.677516	-1.47598	5.71917	5.00115	0.777293	1
cg14418582	0.122904	0.530518	-1.88495	0.000413496	0.11938	-8.3766	0.937632	0.970757	-1.03012	0.155727	0.562118	-1.77899	8.06191	18.365	2.02488	1
cg14048783	0.0538926	0.484207	-2.06523	1.10E-05	0.044999	-22.2227	0.0281912	0.423655	-2.36041	0.000755092	0.184013	-5.43441	16.6661	28.9865	1.546	1
cg20141118	0.0842521	1.51077	1.51077	0.0646647	0.638714	-1.56565	0.0822434	1.51571	1.51571	0.0702176	1.54839	1.54839	5.83173	4.3101	0.656959	1
cg00596508	0.0021544	0.274507	-3.6429	?	?	?	0.804037	0.931864	-1.07312	0.125173	1.61092	1.61092	17.565	17.0561	0.971023	1
cg02622052	0.990409	0.99853	-1.00147	3.32E-05	0.373241	-2.67924	0.861169	1.02166	1.02166	0.00750692	1.52369	1.52369	12.3173	2.92203	0.210871	1
cg14625113	0.029099	0.6478	-1.54369	0.0186305	0.617849	-1.61852	0.0485965	0.683654	-1.46273	0.488141	1.12626	1.12626	4.7415	2.14017	0.401218	1
cg02033213	0.23332	1.32068	1.32068	0.566303	0.878943	-1.13773	0.524239	0.866195	-1.15448	0.0535578	1.62903	1.62903	3.65053	2.86435	0.697458	1
cg08990926	0.0959654	1.61592	1.61592	0.00034765	0.220906	-4.52681	0.487463	0.830962	-1.20342	0.00162012	0.305452	-3.27383	8.32279	9.0819	0.969964	1
cg17860158	0.00257486	1.85435	1.85435	0.206787	0.821396	-1.21744	0.491447	0.90189	-1.10878	0.116364	1.28678	1.28678	29.0322	10.0402	0.307405	1
cg06617202	0.199597	0.555115	-1.80143	0.00012396	0.0546673	-18.2925	0.958449	0.977626	-1.02289	0.107682	0.466517	-2.14354	10.7661	32.1634	2.65552	1
cg01537455	0.00787596	2.08849	2.08849	0.00224422	2.51979	2.51979	0.00155623	2.67113	2.67113	0.0235161	1.7939	1.7939	9.97353	7.37084	0.656925	1
cg12269394	0.661945	0.912533	-1.09585	0.822257	0.954269	-1.04792	0.0267281	0.579196	-1.72653	0.38295	1.20459	1.20459	9.56789	6.55876	0.609331	1
cg02914063	0.197003	0.685967	-1.4578	0.980808	0.993375	-1.00667	0.503041	1.20662	1.20662	0.0818436	1.70382	1.70382	7.56481	9.14985	1.07514	1
cg01243924	0.274508	0.767541	-1.30286	0.000709362	0.301115	-3.32099	0.196175	0.727583	-1.37441	0.0587294	0.608465	-1.64348	7.55302	6.47686	0.762239	1
cg11835080	0.894381	1.06741	1.06741	0.0144111	0.227358	-4.39834	0.728456	0.842668	-1.18671	0.661308	0.805313	-1.24175	5.32232	20.3338	3.39598	1
cg03732545	0.214749	1.38593	1.38593	0.0376826	0.547467	-1.82659	0.143946	0.675483	-1.48042	0.283895	1.32077	1.32077	4.19943	4.15362	0.879192	1
cg25603742	0.0280252	4.89462	4.89462	0.00536639	9.42701	9.42701	0.0278506	4.90634	4.90634	0.0441955	4.11469	4.11469	4.18975	24.8468	5.27144	1
cg24470887	0.449723	1.16933	1.16933	0.28338	1.25403	1.25403	0.420489	0.846071	-1.18193	0.515947	0.874786	-1.14314	3.94885	2.57972	0.580698	1
cg10892778	0.120111	0.625737	-1.59812	0.805198	1.07112	1.07112	0.583413	1.16648	1.16648	0.119801	0.625451	-1.59885	3.9293	4.81122	1.0884	1
cg19384775	0.0155198	1.48522	1.48522	0.0598137	0.753517	-1.32711	0.218911	0.841724	-1.18804	0.016716	1.47588	1.47588	3.56479	0.891159	0.249989	1
cg08125719	0.000490129	4.04956	4.04956	0.387865	1.2544	1.2544	0.310693	1.30817	1.30817	0.029318	1.92985	1.92985	22.6263	23.5028	0.923323	1
cg03142956	0.00462933	2.22344	2.22344	0.189634	0.74477	-1.3427	0.146517	0.718527	-1.39174	0.197624	0.749127	-1.33489	17.4813	12.4552	0.633321	1
cg13336112	0.653811	1.14899	1.14899	0.168737	1.57013	1.57013	0.197132	1.52118	1.52118	0.563673	0.835614	-1.19673	4.16721	6.24687	1.33249	1
cg00912625	0.344107	0.843463	-1.18559	0.192516	0.785884	-1.27245	3.95E-05	3.94916	3.94916	0.50833	1.12436	1.12436	9.94992	4.80872	0.429593	1
cg10503138	0.032928	2.03491	2.03491	0.0141295	0.422118	-2.36901	0.00805393	2.62917	2.62917	0.0141484	0.422221	-2.36843	7.77152	9.98231	1.14175	1
cg10967350	0.719301	0.911811	-1.09672	0.300291	0.759891	-1.31598	0.000109799	5.70848	5.70848	0.186006	1.43146	1.43146	6.40758	6.64097	0.921266	1
cg09436171	0.147237	1.91537	1.91537	0.46481	0.732813	-1.36461	0.169375	1.84366	1.84366	0.690536	0.84601	-1.18202	5.61565	15.5302	2.45825	1
cg16139517	0.0197089	0.29372	-3.4046	0.00193524	0.148382	-6.73936	0.030785	0.331756	-3.01427	0.0271118	0.320494	-3.12018	5.14238	15.4086	2.66346	1
cg14862722	0.154562	0.410211	-2.43777	0.0260041	0.213287	-4.68852	0.0840323	0.326951	-3.05856	0.0315591	0.228928	-4.36819	4.67627	25.3273	4.81433	1
cg02944123	0.15055	0.359853	-2.77891	0.0129553	0.129276	-7.73539	0.00353865	0.072626	-13.7692	0.0619465	0.248022	-4.03189	4.36415	30.4101	6.19392	1
cg21928760	0.23279	0.706995	-1.41444	0.0728677	0.574375	-1.74102	0.0336944	0.5029	-1.98847	0.0981647	0.604892	-1.65319	4.30788	5.2396	1.08114	1
cg26226254	0.0479412	0.522564	-1.91364	0.171989	1.51787	1.51787	0.0381313	0.501663	-1.99337	0.0390319	0.503757	-1.98508	4.12134	5.37732	1.15978	1
cg23163386	0.209701	0.854349	-1.17048	0.0189837	1.40242	1.40242	0.826257	0.974164	-1.02652	0.0197161	0.715092	-1.39842	3.64909	0.81936	0.19959	1
cg19604896	0.0379533	0.421694	-2.37139	0.284422	1.49036	1.49036	0.1089	0.533977	-1.87274	0.0579461	0.463403	-2.15795	3.613	7.36823	1.81277	1
cg12249987	0.0591571	1.46588	1.46588	0.0013866	2.29799	2.29799	0.044811	0.661387	-1.51197	0.000262437	0.340667	-2.93542	14.7207	7.51228	0.453619	1
cg07850323	0.0055437	0.314535	-3.1793	0.74335	1.10991	1.10991	0.931923	1.02749	1.02749	0.355883	0.739781	-1.35175	4.97215	7.93223	1.41807	1
cg04737845	0.00391151	0.444261	-2.25093	1.56E-05	0.154827	-6.45884	0.490033	1.15775	1.15775	0.000939958	0.35669	-2.80356	26.0426	18.0009	0.614408	1
cg08144588	0.000838877	2.43523	2.43523	0.0600115	0.686704	-1.45623	0.60633	1.09646	1.09646	0.0388817	1.52746	1.52746	8.63345	4.29089	0.441784	1
cg17664269	0.572182	0.829363	-1.20574	0.179841	0.626918	-1.5951	0.0249088	0.416887	-2.39873	0.0929211	0.54555	-1.83301	5.54496	9.43619	1.51267	1
cg18109530	4.47E-05	0.497758	-2.00901	1.57E-06	0.335082	-2.98435	0.00170041	1.49876	1.49876	0.0183957	0.772426	-1.29462	50.994	6.58222	0.114736	1
cg16035520	0.873541	0.978566	-1.0219	0.330647	0.872366	-1.14631	0.389475	0.886954	-1.12745	0.179277	1.21416	1.21416	9.5708	2.80479	0.260495	1
cg22878054	0.0129811	0.245154	-4.07906	0.0132689	0.246737	-4.05289	0.600806	0.786039	-1.2722	0.00413929	0.173235	-5.77251	6.23259	20.5262	2.92744	1
cg18528124	0.0785127	0.61551	-1.62467	0.912968	1.02752	1.02752	0.280344	0.756786	-1.32138	0.011869	0.45842	-2.18141	4.93495	4.82006	0.868194	1
cg03823352	0.614007	1.21554	1.21554	0.0303524	0.37646	-2.65632	0.342527	1.45546	1.45546	0.342727	0.68718	-1.45522	3.50825	8.18419	2.07364	1
cg04719537	0.0104399	0.432593	-2.31164	0.0132211	0.450129	-2.22158	0.152604	1.48913	1.48913	0.675934	1.11546	1.11546	3.44187	3.6823	0.950983	1
cg11795832	0.00157747	0.445271	-2.24583	0.00120335	0.429289	-2.32943	0.0400716	0.655088	-1.52651	0.000631286	0.392013	-2.55094	13.3946	6.74294	0.447472	1
cg21067428	0.530788	0.758427	-1.31852	0.173268	0.532041	-1.87955	0.187674	1.83684	1.83684	0.152672	0.513212	-1.94851	6.43471	19.3273	2.66987	1
cg19751562	0.076948	0.48044	-2.08142	0.706034	0.868288	-1.15169	0.00435904	0.241822	-4.13528	0.00046689	0.128658	-7.77255	6.1305	13.4876	1.95562	1
cg23140965	0.0210451	0.394235	-2.53656	0.00274772	0.250061	-3.99902	0.308999	0.702483	-1.42352	0.166255	0.609504	-1.64068	4.84095	8.62498	1.58371	1
cg16857113	0.0829508	0.36689	-2.72561	0.00291273	0.118052	-8.47082	0.141413	0.437827	-2.28401	0.136169	0.432293	-2.31325	4.69791	20.296	3.8402	1
cg16522250	0.698803	0.826964	-1.20924	0.00892684	0.196816	-5.08088	0.0671496	0.366932	-2.7253	0.0112665	0.21199	-4.7172	3.78286	14.3052	3.36141	1
cg02499236	0.0640611	0.721091	-1.38679	0.0430541	1.44163	1.44163	0.178609	0.798887	-1.25174	0.0393294	0.687557	-1.45443	3.69177	1.44351	0.347563	1
cg12559685	0.00844193	4.36909	4.36909	0.00127353	7.84988	7.84988	0.0151759	3.6977	3.6977	0.00357835	5.64022	5.64022	8.61203	26.2172	2.706	1
cg02750954	0.141328	0.663434	-1.50731	0.00983253	0.428912	-2.33148	0.193741	1.42862	1.42862	0.400725	0.800009	-1.24999	8.55607	9.1188	0.947351	1
cg20841748	0.11485	2.45246	2.45246	0.000634917	15.5757	15.5757	0.00350607	7.9398	7.9398	0.0519125	3.18095	3.18095	7.3228	31.7466	3.85361	1
cg21946667	0.049325	2.09757	2.09757	0.000907719	5.14695	5.14695	0.00618211	3.25125	3.25125	0.00614601	3.25548	3.25548	6.32584	10.9228	1.53484	1
cg03960589	0.0247997	0.399239	-2.50477	0.00361455	0.258326	-3.87108	0.017092	2.71546	2.71546	0.719929	0.883619	-1.13171	5.88024	10.9979	1.66251	1
cg11629889	0.292841	1.84291	1.84291	0.00232092	10.8382	10.8382	0.0182149	4.98217	4.98217	0.0213242	4.71164	4.71164	5.73305	28.4958	4.41817	1
cg27616541	0.062747	3.39012	3.39012	0.000853337	18.5685	18.5685	0.0199886	5.13975	5.13975	0.0334646	4.2573	4.2573	5.63089	30.3155	4.78559	1
cg10457885	0.00571119	0.468305	-2.13536	0.99118	0.997689	-1.00232	0.624445	1.1088	1.1088	0.813205	1.0508	1.0508	4.88627	3.39078	0.616836	1
cg05053327	0.0540015	4.63654	4.63654	0.0118869	9.04328	9.04328	0.021084	6.99703	6.99703	0.0203949	7.1007	7.1007	4.48421	34.9312	6.92428	1
cg16308533	0.468527	1.71739	1.71739	0.00697643	12.9224	12.9224	0.0125626	9.73896	9.73896	0.0379997	5.83514	5.83514	4.16486	35.4664	7.56945	1
cg07871971	0.207919	1.81964	1.81964	0.00237358	6.75692	6.75692	0.0264961	3.27379	3.27379	0.178083	1.90629	1.90629	4.14534	13.3452	2.86163	1
cg26716902	0.320191	0.546825	-1.82874	0.0612983	0.289652	-3.45242	0.0326837	0.230211	-4.34383	0.429499	0.622547	-1.60631	4.07443	22.2848	4.86171	1
cg16405211	0.00117911	0.473868	-2.11029	8.00E-05	0.326997	-3.05814	0.227361	1.22004	1.22004	0.00269055	0.521575	-1.91727	61.0339	23.8078	0.346734	1
cg14248352	0.00289152	0.406529	-2.45985	1.18E-05	0.130322	-7.67329	0.267514	1.28894	1.28894	0.000217764	0.25794	-3.87688	35.7186	27.3163	0.67979	1
cg07035001	0.000938505	0.441811	-2.26341	0.224726	1.23497	1.23497	0.649202	0.927011	-1.07874	0.0105331	0.587064	-1.70339	31.8911	13.8341	0.385591	1
cg18216587	0.0934082	0.675619	-1.48012	0.894351	0.972161	-1.02864	0.30094	1.25578	1.25578	0.0235564	0.562906	-1.7765	25.6949	18.3761	0.635702	1
cg10941174	0.00015506	0.396924	-2.51938	6.17E-06	0.236345	-4.2311	0.0417609	0.715569	-1.39749	0.218119	0.83132	-1.20291	24.0573	7.74836	0.286293	1
cg26820118	0.0519464	0.629906	-1.58754	3.17E-06	0.099376	-10.0628	0.235622	0.771224	-1.29664	0.204573	0.755939	-1.32286	17.3551	12.007	0.614973	1
cg18625951	0.0717255	0.415382	-2.40742	0.000109722	0.0510133	-19.6027	0.127396	0.486607	-2.05505	0.101589	0.456953	-2.18841	14.3386	43.3563	2.68778	1
cg21322436	0.219539	1.05966	1.05966	0.000781326	0.796082	-1.25615	0.000235425	0.760619	-1.31472	0.402117	0.962242	-1.03924	12.9439	0.413017	0.0283628	1
cg21009420	0.000727814	0.262869	-3.80417	0.661732	0.891816	-1.12131	0.322412	0.766572	-1.30451	0.339478	0.774116	-1.2918	11.6087	12.4346	0.952137	1
cg22635363	0.846229	1.04712	1.04712	0.151453	1.43972	1.43972	0.0010612	0.317374	-3.15085	0.228029	0.740798	-1.3499	8.55526	7.61844	0.791554	1
cg06730364	0.118289	0.819841	-1.21975	0.203878	0.85464	-1.17008	0.68191	1.04946	1.04946	0.0644197	1.27553	1.27553	8.21371	1.78488	0.193159	1
cg27562595	0.252249	0.782685	-1.27765	0.0654857	0.654712	-1.52739	0.790956	1.05594	1.05594	0.0010165	0.368447	-2.7141	8.19039	5.44481	0.590916	1
cg16254309	0.156367	1.31597	1.31597	0.757287	1.05774	1.05774	0.196534	1.28054	1.28054	0.0189759	1.67264	1.67264	8.07226	4.19255	0.461669	1
cg26107538	0.0759915	1.39933	1.39933	0.0222649	1.59389	1.59389	0.153008	1.29745	1.29745	0.375641	0.856659	-1.16733	7.3072	3.35075	0.407604	1
cg03892601	0.407415	0.830607	-1.20394	0.0185035	0.534929	-1.86941	0.00343285	2.3882	2.3882	0.0541308	1.61399	1.61399	6.26569	4.75985	0.675261	1
cg11207515	0.0232789	0.2024	-4.94071	0.152921	0.405846	-2.46399	0.504739	0.671147	-1.48999	0.00827601	0.136815	-7.30913	6.21822	34.18	4.886	1
cg19260567	0.0750565	0.368459	-2.714	0.110969	0.417034	-2.39788	0.278182	1.76462	1.76462	0.879048	0.926171	-1.07971	5.79773	23.2926	3.57115	1
ch.7.3089487R	0.708809	0.784268	-1.27507	0.0488085	0.232823	-4.29511	0.124486	0.340481	-2.93702	0.0963617	0.306476	-3.2629	5.65303	37.5663	5.90696	1
cg23708361	0.0346748	0.619266	-1.61481	0.0443998	0.638067	-1.56723	0.170522	0.75274	-1.32848	0.434374	1.16792	1.16792	5.62837	3.37591	0.533158	1
cg15208525	0.304506	0.704602	-1.41924	0.639523	0.856142	-1.16803	0.31655	0.711111	-1.40625	0.0378003	0.452436	-2.21026	5.59806	9.61153	1.52617	1
cg18804920	0.179897	0.474601	-2.10703	0.00616106	0.15417	-6.48633	0.648368	0.786431	-1.27157	0.167958	0.463506	-2.15747	5.54865	24.062	3.85472	1
cg07657658	0.293198	0.593143	-1.68593	0.471523	1.42024	1.42024	0.0014039	9.1688	9.1688	0.209385	1.88469	1.88469	4.66696	16.9598	3.23023	1
cg15440158	0.640175	0.815857	-1.2257	0.14709	1.95932	1.95932	0.00381167	5.4012	5.4012	0.39947	1.45189	1.45189	4.40297	13.0307	2.63069	1
cg05082805	0.836119	0.934083	-1.07057	0.00757584	3.09814	3.09814	0.489643	1.25991	1.25991	0.385807	0.746255	-1.34002	4.26092	7.3136	1.52572	1
cg10778837	0.218646	0.676213	-1.47882	0.0268205	0.452429	-2.21029	0.0742943	0.548056	-1.82463	0.996104	0.998525	-1.00148	3.99858	5.79086	1.28731	1
cg03252313	0.0633128	0.209709	-4.76851	0.122171	0.285637	-3.50095	0.168823	0.334006	-2.99396	0.0113425	0.0933704	-10.71	3.83723	33.9993	7.8759	1
cg06059332	0.0486701	0.667191	-1.49882	0.234664	0.799419	-1.25091	0.240613	1.24705	1.24705	0.696763	0.932041	-1.07291	3.58187	1.83216	0.454675	1
cg21475065	0.125469	0.306735	-3.26014	0.261357	0.433976	-2.30428	0.363204	1.9464	1.9464	0.153863	0.336876	-2.96845	3.452	27.7673	7.15008	1
cg11474182	0.00018902	0.348435	-2.86998	0.0115121	1.69773	1.69773	0.0140837	1.66117	1.66117	0.107853	0.745404	-1.34155	30.6875	13.6306	0.394823	1
cg13706899	0.257731	1.15138	1.15138	3.69E-05	2.57854	2.57854	0.00898275	1.48669	1.48669	0.183993	0.845171	-1.18319	21.2714	4.7992	0.200549	1
cg11528835	0.000479775	0.164847	-6.06624	0.000170102	0.122033	-8.19449	0.169818	1.61788	1.61788	0.914094	1.03614	1.03614	9.73222	16.6863	1.52404	1
cg14490735	0.71762	1.13033	1.13033	0.186953	0.62384	-1.60297	0.0473094	2.15016	2.15016	0.134972	0.580663	-1.72217	3.41866	6.1612	1.60198	1
cg26577454	0.0909696	0.686416	-1.45684	0.0126084	1.89544	1.89544	0.0212265	1.76437	1.76437	0.0763371	1.49049	1.49049	11.009	6.01199	0.477837	1
cg25383242	0.0138714	1.3777	1.3777	0.000340298	1.83716	1.83716	0.658431	0.954195	-1.048	0.648404	1.04957	1.04957	7.62297	1.34092	0.15636	1
cg04556349	0.0861222	0.425078	-2.35251	0.00529566	0.190498	-5.24941	0.283603	1.65295	1.65295	0.0557633	0.376161	-2.65844	5.69754	18.3647	2.86512	1
cg01151029	0.23507	1.60077	1.60077	0.0158523	3.05594	3.05594	0.24993	1.57545	1.57545	0.142288	1.81544	1.81544	3.7056	8.38758	2.01199	1
cg24592194	0.606008	0.900241	-1.11081	8.30E-05	0.239006	-4.184	0.742526	0.935581	-1.06885	9.18E-05	0.243888	-4.10024	18.0726	11.6782	0.574385	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg16198087	CNTNAP5	0.000466339	0.0177718
cg03321349	CNTNAP5	0.00309813	0.272976
cg17654747	CNTNAP5	0.00337085	0.119901
cg26308293	CNTNAP5	0.00496893	0.00082057
cg07771321	CNTNAP5	0.00766364	0.019367
cg04168670	CNTNAP5	0.00795218	0.493508
cg09832243	CNTNAP5	0.00962724	0.0616685
cg05049825	CNTNAP5	0.0125491	0.0292995
cg10266681	CNTNAP5	0.0160135	0.991155
cg19074170	CNTNAP5	0.0166928	0.0473377
cg18522822	CNTNAP5	0.0266362	0.513029
cg20825022	CNTNAP5	0.0339764	0.54961
cg13277493	CNTNAP5	0.0435065	0.341569
cg21445398	CNTNAP5	0.0475166	0.106111
cg02993937	CNTROB;CNTROB	0.00236682	0.00791272
cg15532138	CNTROB;CNTROB	0.00331402	0.0223054
cg25011395	CNTROB;TRAPPC1;CNTROB;TRAPPC1;TRAPPC1;TRAPPC1	7.25E-05	1.78E-05
cg17367194	COASY;COASY;COASY;COASY;COASY	0.000529158	0.8563
cg24535823	COASY;COASY;COASY;COASY;COASY	0.00117399	0.678331
cg11636557	COASY;COASY;COASY;COASY;COASY	0.00156759	0.364977
cg11070260	COASY;COASY;COASY;COASY;COASY	0.00334466	0.375553
cg11504634	COASY;COASY;COASY;COASY;COASY	0.00536795	0.00191501
cg15138339	COASY;COASY;COASY;COASY;COASY	0.00758862	0.00518519
cg00685795	COASY;COASY;COASY;COASY;COASY	0.0173545	0.0126785
cg25135457	COASY;COASY;COASY;COASY;COASY	0.0198051	0.0143578
cg25831111	COASY;COASY;COASY;COASY;COASY	0.0222367	0.000678416
cg19618279	COASY;COASY;COASY;COASY;COASY	0.0287264	0.0134876
cg01756799	COASY;COASY;COASY;COASY;COASY	0.0315195	0.0171081
cg05465955	COASY;COASY;COASY;COASY;COASY	0.0364967	0.0315513
cg00322667	COASY;COASY;COASY;COASY;COASY;COASY;COASY;COASY;COASY;COASY	0.0141685	0.547289
cg21355793	COBL	0.000161367	0.0935879
cg07908755	COBL	0.00145835	0.329155
cg14896948	COBL	0.00293827	0.00202262
cg14507482	COBL	0.00381866	0.0784501
cg05843966	COBL	0.00675809	0.255075
cg16518590	COBL	0.00729284	0.621945
cg05950498	COBL	0.00926418	0.0202436
cg08695228	COBL	0.00962604	0.0381152
cg18157522	COBL	0.0108851	0.60136
cg12252039	COBL	0.0112605	0.677361
cg18692205	COBL	0.0120348	0.620611
cg08144406	COBL	0.0127992	0.0213576
cg24626790	COBL	0.0144253	0.682298
cg14412967	COBL	0.0149617	0.30541
cg12510535	COBL	0.0194213	0.28553
cg14997413	COBL	0.0288257	0.0623959
cg10046101	COBL	0.0312335	0.0151951
cg04016086	COBL	0.0332951	0.453626
cg23448978	COBL	0.0336118	0.353657
cg22664425	COBL	0.0392801	0.576345
cg27325833	COBL	0.0405311	0.202759
cg12988534	COBL;COBL	0.0283442	0.920903
cg16402817	COBLL1	4.05E-05	0.634365
cg07300030	COBLL1	0.0107393	0.40376
cg21639287	COBLL1	0.0151926	0.00912244
cg03182029	COBLL1	0.0284631	0.288132
cg23130013	COBLL1	0.0430063	0.00497686
cg02537909	COBLL1	0.0476443	0.906125
cg13487682	COBRA1	0.000392711	0.143697
cg14397361	COBRA1	0.0066641	0.101953
cg00203463	COBRA1	0.0135283	0.943234
cg14395791	COBRA1	0.0251966	0.167202
cg02068676	COBRA1	0.0412578	0.0798111
cg10128164	COCH;COCH	0.000454886	5.75E-05
cg18084609	COCH;COCH	0.00148766	0.874977
cg12920180	COCH;COCH	0.00263029	0.000339554
cg02047809	COCH;COCH	0.00272609	0.0638477
cg16966992	COCH;COCH	0.00337481	0.20846
cg26069353	COCH;COCH	0.00803499	0.0238775
cg27041049	COCH;COCH	0.0122103	0.462472
cg26107597	COCH;COCH	0.0142254	0.163409
cg09928300	COCH;COCH	0.0227604	0.739186
cg21602179	COG1	0.000923913	0.0445475
cg03734401	COG1	0.00152547	0.103016
cg21799227	COG1	0.00405129	0.160793
cg23807559	COG1	0.00702753	0.222144
cg19174634	COG1	0.0123016	0.461573
cg25927778	COG1	0.0202356	0.850845
cg12432006	COG1	0.0205552	0.0887512
cg23044068	COG2;COG2	0.00430169	0.16866
cg17099442	COG2;COG2	0.0226898	0.0108612
cg06439547	COG2;COG2	0.0402626	0.135965
cg11837377	COG2;COG2;COG2;COG2	0.0137264	0.187833
cg08589212	COG3	0.00570566	0.00221875
cg18580551	COG3	0.00730882	0.884724
cg02070564	COG3	0.00877011	0.584539
cg00603717	COG3;COG3	0.00125322	0.660498
cg07628185	COG4	1.67E-05	4.62E-06
cg09725610	COG4	0.000512597	0.000103109
cg06309053	COG4	0.0345911	0.174656
cg07751125	COG4;SF3B3	0.0057851	0.289289
cg10497173	COG4;SF3B3	0.0209901	0.709745
cg00075011	COG4;SF3B3	0.0489578	0.152223
cg23024343	COG5;COG5;COG5	0.00157842	0.0137581
cg06593906	COG5;COG5;COG5	0.00240764	0.000979218
cg27476881	COG5;COG5;COG5	0.0236861	0.116763
cg20673841	COG5;COG5;COG5	0.0323724	0.0265609
cg26826927	COG5;COG5;COG5	0.0355885	0.0180129
cg14628708	COG5;COG5;COG5	0.0494892	0.0397147
cg14029891	COG5;COG5;COG5;DUS4L	0.000108989	0.163482
cg14896906	COG5;COG5;COG5;DUS4L	0.000459312	0.00537086
cg14157213	COG5;COG5;COG5;DUS4L	0.00105234	0.016236
cg15381326	COG5;COG5;COG5;DUS4L	0.00117485	0.0383175
cg06894708	COG5;COG5;COG5;DUS4L	0.0300633	0.999889
cg24648061	COG5;COG5;COG5;GPR22	0.00903855	0.0250533
cg19770955	COG5;DUS4L;COG5;COG5	0.0025673	0.00434332
cg21533262	COG5;GPR22;COG5;COG5;GPR22	0.021882	0.852896
cg24556660	COG5;HBP1;COG5	0.0433721	0.229127
cg26701198	COG6;COG6;COG6	0.0036181	0.0469098
cg06101725	COG6;COG6;COG6	0.012139	0.682965
cg10667201	COG6;COG6;COG6	0.0156178	0.793238
cg07192243	COG6;COG6;COG6	0.0168021	0.522694
cg03856411	COG7	0.0100339	0.27571
cg04937422	COG7	0.0127752	0.203265
cg05325390	COG7	0.0199409	0.000807436
cg10208294	COG7	0.0360593	0.139593
cg27196102	COG7	0.0368833	0.227996
cg05370569	COG7	0.0383249	0.0104112
cg09934309	COG7	0.0458896	0.414732
cg01375172	COG7;COG7	0.00089186	0.0158388
cg07905627	COG8	5.21E-07	4.56E-07
cg26574080	COG8	0.00332888	0.0490838
cg10152756	COG8;PDF	0.000154736	0.0011045
cg19118262	COG8;PDF	0.000913405	0.453892
cg09656027	COG8;PDF	0.0270444	0.0849535
cg01776246	COIL	8.31E-05	0.0243947
cg07844021	COIL	0.00697705	0.0684647
cg17608428	COIL	0.01765	0.027421
cg13358773	COIL	0.0190113	0.0184999
cg18223359	COIL	0.0195902	0.478354
cg21487894	COIL;COIL	0.000142885	0.640076
cg05408873	COL10A1;COL10A1;NT5DC1	0.0138773	0.28491
cg07472159	COL10A1;NT5DC1	0.00481584	0.944349
cg16968885	COL11A1;COL11A1;COL11A1;COL11A1	0.000699546	0.0804467
cg26436330	COL11A1;COL11A1;COL11A1;COL11A1	0.0231865	0.0517647
cg17092860	COL11A1;COL11A1;COL11A1;COL11A1	0.0444867	0.360403

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04611812	COL12A1;COL12A1	0.00495595	0.140284	0.721882	-1.38527	0.0285219	1.70038	1.70038	0.00178107	2.4933	2.4933	0.043891	1.60918	1.60918	0.0136376	0.534323	-1.87153
cg11100581	COL12A1;COL12A1	0.00648649	0.0715892	0.527051	-1.89735	0.0100497	2.81303	2.81303	0.0256881	0.430179	-2.32461	0.292869	0.70654	-1.41535	0.327371	0.724799	-1.37969
cg10364041	COL12A1;COL12A1	0.00793404	0.520052	1.07265	1.07265	0.0520485	1.26833	1.26833	0.00239711	1.57617	1.57617	0.971016	1.00392	1.00392	0.338845	0.899396	-1.11186
cg12488810	COL12A1;COL12A1	0.00822761	0.103479	0.624558	-1.60113	0.529774	0.845132	-1.18325	0.00181169	0.309636	-3.2296	0.670436	1.1198	1.1198	0.0472315	0.548728	-1.8224
cg26997327	COL12A1;COL12A1	0.00869762	0.118189	0.702433	-1.42362	0.00599362	2.11238	2.11238	0.0940586	1.46712	1.46712	0.017345	1.82816	1.82816	0.0184506	0.551484	-1.81329
cg20129242	COL12A1;COL12A1	0.00876371	0.0138728	1.36371	1.36371	0.00224625	0.64632	-1.54722	0.123328	0.843395	-1.18568	0.31487	1.11187	1.11187	0.0595309	1.24234	1.24234
cg18473652	COL12A1;COL12A1	0.0180171	0.275104	0.824233	-1.21325	0.00355102	1.95941	1.95941	0.12965	1.32145	1.32145	0.213165	1.25005	1.25005	0.0187715	1.62377	1.62377
cg24897255	COL12A1;COL12A1	0.0221909	0.0596118	0.823051	-1.21499	0.0414623	1.24035	1.24035	0.0172459	1.30443	1.30443	0.0382976	0.802589	-1.24597	0.211198	0.88633	-1.12825
cg03503642	COL12A1;COL12A1	0.0222969	0.0723453	0.362357	-2.75971	0.010228	0.194203	-5.14926	0.0068724	0.170047	-5.88072	0.608582	0.769923	-1.29883	0.0072499	0.173145	-5.7755
cg20476329	COL12A1;COL12A1	0.0229829	0.304979	0.774255	-1.29156	0.646687	0.894795	-1.11757	0.428811	1.21476	1.21476	0.148416	1.4526	1.4526	0.0233222	0.520564	-1.92099
cg16633701	COL12A1;COL12A1	0.0232893	0.301375	0.828461	-1.20706	0.495503	0.885476	-1.12934	0.0260836	0.628753	-1.59045	0.179502	0.77836	-1.28475	0.0781066	0.708917	-1.4106
cg14373210	COL12A1;COL12A1	0.0290631	0.0609204	0.350424	-2.85368	0.32948	0.60678	-1.64804	0.174656	0.48835	-2.04771	0.0274946	0.274086	-3.64849	0.00362174	0.141624	-7.06097
cg11353250	COL12A1;COL12A1	0.03234	0.104628	0.299363	-3.34043	0.233288	2.33912	2.33912	0.240266	2.30721	2.30721	0.829523	1.15791	1.15791	0.0628852	0.241014	-4.14914
cg13395133	COL12A1;COL12A1	0.0332905	0.546546	1.17008	1.17008	0.356622	0.783436	-1.27643	0.000935179	0.280462	-3.56554	0.499705	1.19288	1.19288	0.259971	1.35321	1.35321
cg12801474	COL12A1;COL12A1	0.0474407	0.850673	0.966446	-1.03472	0.147204	1.32536	1.32536	0.0638315	1.45831	1.45831	0.940874	1.01352	1.01352	0.796229	1.04798	1.04798
cg01009145	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	9.55E-05	0.0773827	1.16185	1.16185	0.801863	0.980971	-1.0194	0.436132	1.06259	1.06259	0.00410026	1.34213	1.34213	0.0959846	1.14992	1.14992
cg09355528	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.000129903	0.60815	0.912242	-1.0962	0.000366293	0.36285	-2.75596	0.000220448	0.335123	-2.98398	0.225919	0.797833	-1.25339	0.00328877	0.490987	-2.03672
cg14961117	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.000332504	0.000291994	0.474745	-2.10639	0.00290256	1.67607	1.67607	0.142664	0.819714	-1.21994	0.00499825	0.625821	-1.5979	4.92E-05	0.382063	-2.61737
cg03876766	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.00109024	0.566663	0.898661	-1.11277	7.80E-05	0.267425	-3.73936	0.00848604	0.538025	-1.85865	0.00134708	0.423515	-2.36119	0.0532011	0.666824	-1.49965
cg06035456	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.00237545	0.536619	0.852381	-1.17318	0.000561803	0.255344	-3.91629	0.391598	0.799272	-1.25114	0.121836	0.651765	-1.5343	0.000786832	0.273765	-3.65277
cg07081753	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.00272668	0.00428204	0.373966	-2.67404	0.294795	0.756016	-1.32272	0.00162522	0.312721	-3.19774	0.884478	1.03813	1.03813	0.000290405	0.21845	-4.57771
cg09716878	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0178333	0.784285	0.950282	-1.05232	0.160137	0.756614	-1.32168	0.0687429	0.684815	-1.46025	0.603825	0.907291	-1.10218	0.0103771	0.548851	-1.82199
cg06759405	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0228212	0.399062	0.921095	-1.08566	0.677738	0.960997	-1.04059	0.0125621	1.34383	1.34383	0.235622	0.888404	-1.12561	0.0751235	1.20765	1.20765
cg00971834	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0283252	0.157644	0.594117	-1.68317	0.153852	1.69239	1.69239	0.175409	1.64307	1.64307	0.0966825	0.533425	-1.87468	0.19697	0.624961	-1.6001
cg26728770	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0309531	0.0338852	0.642993	-1.55523	0.0356597	0.646647	-1.54644	0.00502682	0.515993	-1.93801	0.547826	0.897233	-1.11454	0.23559	0.801213	-1.24811
cg09082487	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0455729	0.0529315	0.453232	-2.20638	0.172507	0.59313	-1.68597	0.00252517	0.221248	-4.5198	0.0290019	0.396141	-2.52435	0.0584991	0.463477	-2.15761
cg00288736	COL14A1	1.21E-05	0.000281904	0.67857	-1.47369	0.000292184	0.679969	-1.47066	7.07E-06	0.522645	-1.91335	0.00143547	0.740005	-1.35134	6.11E-05	0.616746	-1.62141
cg26629556	COL14A1	0.0005311	0.401319	1.17604	1.17604	0.768021	0.945696	-1.05742	0.0001653	0.297655	-3.35959	0.669623	0.922177	-1.08439	1.67E-05	0.188259	-5.31184
cg15447971	COL14A1	0.00126116	0.274447	0.81871	-1.22143	0.000385431	0.369232	-2.70832	0.00014435	0.316125	-3.16331	0.922282	1.01731	1.01731	0.367172	1.17698	1.17698
cg23281803	COL14A1	0.0205515	0.0438034	4.24798	4.24798	0.0298564	4.93011	4.93011	0.0178057	6.03962	6.03962	0.11696	2.89525	2.89525	0.0673063	3.59606	3.59606
cg26179069	COL14A1	0.0210251	0.755054	0.919803	-1.08719	0.36732	0.780856	-1.28065	0.00989508	0.418728	-2.38819	0.198423	0.695556	-1.4377	0.154332	0.665459	-1.50272
cg10133738	COL14A1	0.0282724	0.355275	0.83542	-1.197	0.74488	1.06369	1.06369	0.700807	0.929594	-1.07574	0.00146222	0.419398	-2.38437	0.0268075	0.608939	-1.6422
cg16907566	COL14A1	0.0311175	0.0212197	8.2164	8.2164	0.0201405	8.42484	8.42484	0.160747	3.12409	3.12409	0.0797952	4.38496	4.38496	0.259372	2.44647	2.44647
cg23586322	COL14A1	0.0312303	0.0486322	20.309	20.309	0.0296279	30.6682	30.6682	0.0280426	32.1101	32.1101	0.144064	8.1507	8.1507	0.0692973	15.1314	15.1314
cg18315763	COL14A1	0.0343227	0.00513477	0.155885	-6.41498	0.405461	0.651835	-1.53413	0.123454	0.432146	-2.31403	0.419081	0.660254	-1.51457	0.00541581	0.158752	-6.29915
cg18495484	COL14A1	0.0446153	0.0963687	0.105828	-9.4493	0.0375883	0.0514252	-19.4457	0.0583661	0.0719797	-13.8928	0.181901	0.174969	-5.71528	0.00630802	0.0125737	-79.5312
cg19461644	COL15A1	1.80E-06	0.236943	0.942868	-1.06059	0.00298336	1.21339	1.21339	9.63E-05	1.39012	1.39012	0.0651063	1.10332	1.10332	0.00153446	1.24165	1.24165
cg14546062	COL15A1	9.39E-06	0.00110308	0.538997	-1.8553	0.212616	1.18373	1.18373	0.000300125	0.46973	-2.12888	0.725316	1.04637	1.04637	5.71E-06	0.269029	-3.71707
cg14259208	COL15A1	0.000248304	0.00105074	0.284734	-3.51205	0.226246	0.719454	-1.38994	0.000188576	0.195549	-5.11381	0.131091	0.655454	-1.52566	0.000133559	0.179848	-5.56025
cg00089695	COL15A1	0.00153556	0.100179	0.757223	-1.32061	0.133753	0.779038	-1.28363	0.000774161	0.455854	-2.19368	0.0032405	0.537966	-1.85885	0.0288194	0.671657	-1.48886
cg14424210	COL15A1	0.00672636	0.140906	1.73395	1.73395	0.613176	0.837636	-1.19384	0.0139089	0.34783	-2.87497	0.359768	1.38713	1.38713	0.170154	0.601852	-1.66154
cg13593548	COL15A1	0.0142386	0.360621	0.854162	-1.17074	0.570109	1.10105	1.10105	0.000743356	0.423638	-2.36051	0.654021	1.0786	1.0786	0.317707	0.840942	-1.18914
cg13865810	COL15A1	0.0162741	0.0123942	0.397756	-2.51411	0.443098	1.26062	1.26062	0.768501	0.916296	-1.09135	0.283359	0.718841	-1.39113	0.00391033	0.316544	-3.15912
cg20503329	COL15A1	0.0206278	0.611957	1.10888	1.10888	0.00107864	2.65177	2.65177	0.292157	0.801881	-1.24707	0.237064	1.28434	1.28434	0.215142	1.30159	1.30159
cg13494827	COL15A1	0.0281082	0.0577164	0.64084	-1.56045	0.167877	0.737289	-1.35632	0.0159669	0.542389	-1.8437	0.6927	0.920937	-1.08585	0.00128156	0.377741	-2.64732
cg13952031	COL15A1	0.0357685	0.793976	1.03979	1.03979	0.261093	0.839684	-1.19092	0.00954445	0.613004	-1.63131	0.321353	0.858351	-1.16502	0.0868581	0.754341	-1.32566
cg13963221	COL15A1	0.0374952	0.0543186	1.54601	1.54601	0.0701401	1.49774	1.49774	0.580279	0.894544	-1.11789	0.19242	1.31688	1.31688	0.263579	0.792528	-1.26179
cg06440665	COL16A1	0.0107826	0.330894	1.53655	1.53655	0.069887	2.38165	2.38165	0.0817812	0.437898	-2.28364	0.0755174	2.33287	2.33287	0.682588	0.838587	-1.19248
cg20784098	COL16A1	0.0409042	0.458839	1.12323	1.12323	0.95884	0.99208	-1.00798	0.0454897	0.7023	-1.42389	0.0295095	1.48422	1.48422	0.0136475	0.624985	-1.60004
cg08509991	COL17A1	0.000492353	0.878725	0.972301	-1.02849	0.876765	0.971856	-1.02896	0.22764	0.792166	-1.26236	0.646742	0.918614	-1.0886	8.44E-06	0.167916	-5.95534
cg13553455	COL17A1	0.000522181	0.000987465	0.223498	-4.47432	0.107825	0.584501	-1.71086	0.00361087	0.299511	-3.33877	0.00180579	0.257165	-3.88856	0.000166566	0.140512	-7.11684
cg04215238	COL17A1	0.00511506	0.00728399	0.326602	-3.06183	0.748237	0.901119	-1.10973	0.00636966	0.317269	-3.1519	0.0941587	0.551569	-1.81301	0.000702759	0.188214	-5.31309
cg26322711	COL17A1	0.00628333	0.00551227	0.25879	-3.86413	0.22442	1.60454	1.60454	0.0370384	0.407713	-2.45271	0.0263079	0.376711	-2.65455	0.0212394	0.3584	-2.79018
cg04616571	COL17A1	0.0123878	0.550079	0.930131	-1.07512	0.004232	1.58195	1.58195	0.00648679	1.52783	1.52783	0.372778	1.11583	1.11583	0.918206	0.987771	-1.01238
cg15715892	COL17A1	0.0273031	0.199336	0.599026	-1.66938	0.0771311	0.475834	-2.10157	0.00575542	0.254714	-3.92597	0.0628482	0.453427	-2.20543	0.275836	0.651565	-1.53477
cg19975645	COL17A1	0.0442007	0.0685026	0.734594	-1.3613	0.189492	0.810418	-1.23393	0.0219745	0.659936	-1.5153	0.8331	0.968588	-1.03243	0.39243	1.14169	1.14169
cg10911365	COL17A1	0.046719	0.00739615	0.331	-3.02115	0.0309274	0.444056	-2.25197	0.0452476	0.479044	-2.08749	0.145989	0.606489	-1.64883	0.195909	0.645206	-1.54989
cg25832305	COL18A1	1.37E-05	0.248484	0.810877	-1.23323	0.0112989	0.576177	-1.73558	3.45E-05	0.24857	-4.02301	0.000888099	0.420934	-2.37567	0.000927311	0.423427	-2.36168
cg06661612	COL18A1	4.30E-05	0.472818	0.924262	-1.08194	0.1476	0.845705	-1.18245	3.85E-05	0.426931	-2.3423	0.0885835	0.816578	-1.22462	0.00233654	0.632352	-1.5814
cg03876085	COL18A1	0.000439612	0.0011648	0.450499	-2.21976	0.04264	0.676843	-1.47745	0.0160738	0.610984	-1.63671	0.228684	1.23525	1.23525	0.000479254	0.399939	-2.50038
cg05349624	COL18A1	0.000499967	0.423305	0.822973	-1.21511	0.647486	0.896122	-1.11592	0.00334676	0.386277	-2.58881	0.321734	0.783584	-1.27619	0.00405344	0.398783	-2.50763
cg06240465	COL18A1	0.000846423	0.643105	0.909986	-1.09892	0.319995	1.23088	1.23088	0.000618386	0.344654	-2.90146	0.0885703	0.68401	-1.46197	0.00853167	0.507388	-1.97088
cg06484514	COL18A1	0.00111508	0.270488	0.61237	-1.633	0.295701	0.629079	-1.58963	0.000431847	0.0925712	-10.8025	0.00386931	0.189517	-5.27657	0.00966261	0.246672	-4.05396
cg02628840	COL18A1	0.00186468	0.083495	0.659124	-1.51716	0.347024	0.81002	-1.23454	0.0437558	0.603898	-1.65591	0.131568	0.701735	-1.42504	0.0157006	0.525033	-1.90464
cg14136086	COL18A1	0.00228183	0.00106731	0.253684	-3.94192	0.691228	1.11991	1.11991	0.0247748	0.468556	-2.13422	0.00836743	0.384543	-2.60049	0.0374717	0.504178	-1.98343
cg03863756	COL18A1	0.00240612	0.538878	0.885083	-1.12984	0.50535	0.875805	-1.14181	0.0236092	0.588425	-1.69945	0.180144	0.756334	-1.32217	0.180033	0.756273	-1.32227
cg16942644	COL18A1	0.0024871	0.0192976	0.214952	-4.65221	0.000314437	0.041901	-23.8658	0.013827	0.191524	-5.22127	0.115332	0.394549	-2.53454	0.0248251	0.234303	-4.26799
cg00937175	COL18A1	0.00257039	0.121125	0.744772	-1.34269	0.996966	0.999334	-1.00067	0.00150787	0.448623	-2.22904	0.811644	0.959008	-1.04274	0.00125502	0.437821	-2.28404
cg16713274	COL18A1	0.00454574	0.000417978	0.0642231	-15.5707	0.0500432	0.334063	-2.99345	0.25829	1.78385	1.78385	0.0166745	0.238333	-4.19582	0.0280999	0.280089	-3.5703
cg01212562	COL18A1	0.00568281	0.0531166	0.510123	-1.96031	0.00942394	0.364937	-2.7402	0.112871	0.58944	-1.69652	0.460729	0.794511	-1.25864	0.541913	0.827691	-1.20818
cg19313408	COL18A1	0.00838379	0.0944471	0.555275	-1.80091	0.3767	1.33682	1.33682	0.0959463	0.55704	-1.7952	0.333445	0.726687	-1.37611	0.1449	0.605909	-1.65041
cg20344388	COL18A1	0.0120065	0.307499	1.43215	1.43215	0.00270333	4.09209	4.09209	0.27563	1.47052	1.47052	0.111828	1.80175	1.80175	0.0195442	0.383088	-2.61037
cg07964219	COL18A1	0.0120342	0.0252079	0.289218	-3.4576	0.193768	0.526837	-1.89812	0.0251115	0.288894	-3.46148	0.0146406	0.246367	-4.05899	0.0178878	0.261474	-3.82446
cg01079651	COL18A1	0.0134468	0.0487556	0.509609	-1.96229	0.0748046	0.551912	-1.81188	0.00573258	0.337988	-2.95869	0.252593	0.699128	-1.43035	0.00651817	0.346855	-2.88305
cg02066681	COL18A1	0.019521	0.353119	0.805058	-1.24215	0.385212	0.817058	-1.2239	0.00334162	0.403972	-2.47542	0.237419	0.755101	-1.32433	0.0388173	0.581036	-1.72106
cg24483767	COL18A1	0.0199268	0.0656848	0.792511	-1.26181	0.0812621	0.804449	-1.24309	0.00544476	0.662531	-1.50936	0.0206261	0.730607	-1.36873	0.684843	0.955099	-1.04701
cg22038359	COL18A1	0.0199331	0.0114644	0.198876	-5.02825	0.759023	0.854619	-1.17011	0.838741	0.901192	-1.10964	0.359536	0.618171	-1.61768	0.40408	0.646678	-1.54637
cg26239725	COL18A1	0.0433044	0.919075	1.04223	1.04223	0.400636	0.7046	-1.41924	0.190506	0.56883	-1.758	0.908824	0.954447	-1.04773	0.0452219	0.392595	-2.54715
cg10415509	COL18A1;COL18A1;COL18A1	3.35E-05	0.54903	1.10907	1.10907	0.903196	1.02099	1.02099	0.0142826	0.596973	-1.67512	0.831895	1.03696	1.03696	0.168121	1.28503	1.28503
cg02999431	COL18A1;COL18A1;COL18A1	5.11E-05	0.159776	0.760457	-1.315	0.476502	1.14107	1.14107	0.000729132	0.39208	-2.5505	0.226464	0.793334	-1.2605	0.703451	1.07221	1.07221
cg25652516	COL18A1;COL18A1;COL18A1	9.10E-05	2.17E-06	0.0978436	-10.2204	0.708068	0.927477	-1.07819	0.331504	0.818295	-1.22205	0.0303862	1.66419	1.66419	0.608015	1.1091	1.1091
cg04622125	COL18A1;COL18A1;COL18A1	0.00023646	0.635846	1.09233	1.09233	0.0226053	1.65779	1.65779	0.00752494	0.528978	-1.89044	0.556567	0.895745	-1.11639	0.278383	1.23206	1.23206
cg16299891	COL18A1;COL18A1;COL18A1	0.000320707	0.00266448	0.394295	-2.53617	0.0334158	0.573046	-1.74506	0.00120612	0.345721	-2.8925	0.011917	0.495103	-2.01978	0.0265654	0.554946	-1.80198
cg03705621	COL18A1;COL18A1;COL18A1	0.000476136	0.916833	0.977044	-1.0235	0.66955	1.10015	1.10015	0.623307	1.11635	1.11635	0.546866	0.873233	-1.14517	0.0950852	0.665121	-1.50348
cg01487892	COL18A1;COL18A1;COL18A1	0.000494682	0.868669	1.03626	1.03626	0.773833	0.939868	-1.06398	0.0177453	0.537643	-1.85997	0.753628	0.934476	-1.07012	7.18E-05	0.210805	-4.74372
cg17802551	COL18A1;COL18A1;COL18A1	0.000675993	0.421247	1.11395	1.11395	0.915349	0.986132	-1.01406	0.0575176	0.754173	-1.32596	0.348765	1.13507	1.13507	0.441479	0.902047	-1.10859
cg12276203	COL18A1;COL18A1;COL18A1	0.000777791	0.0350807	0.494302	-2.02305	0.107284	0.603821	-1.65612	0.00264218	0.303013	-3.30019	0.040807	0.507822	-1.96919	0.269481	1.39098	1.39098
cg14778721	COL18A1;COL18A1;COL18A1	0.00120955	0.747707	1.08371	1.08371	2.82E-05	0.128569	-7.77795	0.31294	1.2969	1.2969	0.00695992	0.419094	-2.3861	0.0082373	0.430938	-2.32052
cg08976550	COL18A1;COL18A1;COL18A1	0.00156946	0.618299	1.12504	1.12504	0.266249	0.762075	-1.31221	0.0210469	0.521561	-1.91732	0.0766456	1.5871	1.5871	0.881425	1.03563	1.03563
cg04123357	COL18A1;COL18A1;COL18A1	0.00171716	0.00403299	0.238855	-4.18664	0.00297197	0.220625	-4.53257	0.0130351	0.319201	-3.13282	0.613306	1.20794	1.20794	0.0146749	0.328331	-3.0457
cg00128273	COL18A1;COL18A1;COL18A1	0.00241846	0.00259803	0.312894	-3.19597	0.00126876	0.269958	-3.70428	0.0149101	0.434431	-2.30186	0.0817419	0.584412	-1.71112	0.0123546	0.420059	-2.38062
cg10004976	COL18A1;COL18A1;COL18A1	0.00256048	0.0304225	0.514052	-1.94533	0.0251139	2.00734	2.00734	0.531361	1.18038	1.18038	0.0247736	0.497059	-2.01184	0.0596736	0.573572	-1.74346
cg25829961	COL18A1;COL18A1;COL18A1	0.0030115	0.0682554	1.263	1.263	0.00015745	0.477398	-2.09469	0.00368156	0.638269	-1.56674	0.100314	1.22863	1.22863	0.897811	1.0148	1.0148
cg04617640	COL18A1;COL18A1;COL18A1	0.00345339	0.346519	1.53992	1.53992	0.138333	2.03524	2.03524	0.220147	0.563177	-1.77564	0.750361	1.15276	1.15276	0.18027	1.88459	1.88459
cg00537979	COL18A1;COL18A1;COL18A1	0.00609864	0.586311	1.23775	1.23775	0.427979	1.36907	1.36907	0.0165645	0.321054	-3.11474	0.659103	1.18807	1.18807	0.794667	0.903714	-1.10654
cg04553623	COL18A1;COL18A1;COL18A1	0.00647798	0.421755	1.13293	1.13293	0.219581	0.821749	-1.21692	0.483688	0.897409	-1.11432	0.000331559	2.41351	2.41351	0.00720625	1.69456	1.69456
cg11113589	COL18A1;COL18A1;COL18A1	0.00650237	0.336875	0.744837	-1.34258	0.3615	0.756484	-1.3219	0.0347411	0.480807	-2.07984	0.580698	0.847055	-1.18056	0.686924	1.12811	1.12811
cg11997734	COL18A1;COL18A1;COL18A1	0.00695488	0.0861709	0.304147	-3.28788	0.00552198	0.101312	-9.8705	0.0887678	0.307725	-3.24965	0.0385708	0.222168	-4.5011	0.0239915	0.184439	-5.42183
cg17549853	COL18A1;COL18A1;COL18A1	0.0115488	0.0690871	0.636733	-1.57052	0.00985651	0.484892	-2.06232	0.0266215	0.558163	-1.79159	0.953987	0.987276	-1.01289	0.00114347	0.345999	-2.89018
cg25049844	COL18A1;COL18A1;COL18A1	0.0142817	0.146439	0.596681	-1.67594	0.00759986	0.320726	-3.11792	0.0164065	0.378481	-2.64214	0.209495	0.645221	-1.54986	0.00456053	0.28611	-3.49516
cg09057885	COL18A1;COL18A1;COL18A1	0.0232655	0.436086	0.904419	-1.10568	0.0158166	0.688117	-1.45324	0.0127625	0.676251	-1.47874	0.940186	0.990556	-1.00953	0.773284	0.964137	-1.0372
cg25390243	COL18A1;COL18A1;COL18A1	0.0232966	0.0371163	0.586025	-1.70641	0.283813	1.27873	1.27873	0.0358205	0.583171	-1.71476	0.62039	0.895614	-1.11655	0.0761634	0.64681	-1.54605
cg18502618	COL18A1;COL18A1;COL18A1	0.0304914	0.134389	1.44847	1.44847	0.49156	0.851842	-1.17393	0.00477326	0.423205	-2.36292	0.507167	0.856882	-1.16702	0.985107	1.00429	1.00429
cg22978940	COL18A1;COL18A1;COL18A1	0.0330985	0.339313	0.591414	-1.69086	0.242299	1.92059	1.92059	0.128345	0.416186	-2.40277	0.0831269	0.359459	-2.78196	0.89057	0.929216	-1.07618
cg13180920	COL18A1;COL18A1;COL18A1	0.0494092	0.221279	0.675065	-1.48134	0.231292	0.681308	-1.46777	0.208618	0.666901	-1.49947	0.830013	0.936405	-1.06791	0.00459502	0.315705	-3.16752
cg07421341	COL19A1	0.0112042	0.130378	0.523757	-1.90928	?	?	?	0.548314	0.78817	-1.26876	0.00262431	0.179262	-5.57843	?	?	?
cg15080430	COL19A1	0.0263498	0.0230045	0.194779	-5.13402	0.0517935	0.26408	-3.78672	0.0111074	0.147277	-6.78991	0.155699	0.400969	-2.49396	0.0348825	0.227805	-4.38972
cg09972836	COL19A1	0.0358721	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21912531	COL19A1	0.0359447	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06200048	COL19A1;COL19A1	0.0179616	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09809276	COL19A1;COL19A1	0.0228815	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18008451	COL1A1	8.77E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00439089	COL1A1	1.06E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14832352	COL1A1	2.55E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03799835	COL1A1	4.71E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10820084	COL1A1	0.000108598	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11993636	COL1A1	0.000154357	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23730606	COL1A1	0.000718329	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03053980	COL1A1	0.000890093	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14700325	COL1A1	0.00094842	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04611812	0.781555	0.944501	-1.05876	0.00847888	0.501444	-1.99424	0.343084	0.818214	-1.22217	0.898235	0.97406	-1.02663	7.35844	4.9172	0.593991	1
cg11100581	0.00696889	0.329172	-3.03793	0.000994793	0.210815	-4.74348	0.23234	0.671176	-1.48992	0.235888	0.673395	-1.48501	6.77374	10.8719	1.42667	1
cg10364041	0.709414	0.960541	-1.04108	0.00120205	0.600365	-1.66565	0.325322	0.896522	-1.11542	0.456234	1.08503	1.08503	6.36069	1.16527	0.162843	1
cg12488810	0.0167267	0.462069	-2.16418	0.0028345	0.337397	-2.96387	0.726877	1.09712	1.09712	0.00478019	0.371567	-2.6913	6.28834	6.95882	0.983666	1
cg26997327	0.0945097	0.682036	-1.4662	0.674991	0.91594	-1.09177	0.0806032	0.668	-1.497	0.0696576	1.52568	1.52568	6.17894	4.24234	0.610294	1
cg20129242	0.513427	1.06996	1.06996	0.0389028	0.783522	-1.27629	0.115805	0.839949	-1.19055	0.176461	1.15792	1.15792	6.16415	1.01637	0.146564	1
cg18473652	0.0964995	1.36432	1.36432	0.0614585	1.43143	1.43143	0.0479002	1.46966	1.46966	0.0751356	0.713648	-1.40125	4.87357	2.237	0.408006	1
cg24897255	0.139723	0.864527	-1.1567	0.0390307	0.803456	-1.24462	0.938307	0.992934	-1.00712	0.316527	1.0995	1.0995	4.54046	0.603428	0.118134	1
cg03503642	0.0460643	0.314367	-3.18099	0.00967334	0.190655	-5.24507	0.419318	0.658548	-1.51849	0.596133	0.762803	-1.31096	4.53303	18.3973	3.60756	1
cg20476329	0.0338221	0.550546	-1.81638	0.0460987	1.73408	1.73408	0.014105	2.07446	2.07446	0.166256	1.42696	1.42696	4.48601	4.12164	0.816692	1
cg16633701	0.00283904	0.485698	-2.05889	0.00438419	0.51239	-1.95164	0.724178	1.06425	1.06425	0.0439368	0.665705	-1.50217	4.46557	2.18443	0.43482	1
cg14373210	0.0622685	0.3528	-2.83447	0.0124304	0.213455	-4.68483	0.0258462	0.268869	-3.71929	0.0359283	0.29776	-3.3584	4.13305	16.1311	3.46929	1
cg11353250	0.126377	0.324843	-3.07841	0.00349692	14.7902	14.7902	0.320571	0.497649	-2.00945	0.699625	0.768266	-1.30163	3.97879	29.1354	6.50904	1
cg13395133	0.930715	1.02264	1.02264	0.766733	1.07959	1.07959	0.307365	0.761845	-1.3126	0.104532	0.633335	-1.57894	3.93763	4.1326	0.932902	1
cg12801474	0.638901	0.917971	-1.08936	0.00385447	0.494021	-2.0242	0.0828807	1.41591	1.41591	0.444746	1.15152	1.15152	3.45623	1.79522	0.461703	1
cg01009145	0.0425097	0.836538	-1.1954	1.84E-06	0.403853	-2.47615	0.15705	1.12259	1.12259	0.660542	1.03435	1.03435	22.4136	2.07261	0.0821965	1
cg09355528	0.000104055	0.295595	-3.383	1.40E-05	0.199963	-5.00092	0.270408	1.22607	1.22607	0.104377	0.729562	-1.37068	20.6408	10.3125	0.444104	1
cg14961117	0.0658248	0.770721	-1.29749	0.0213865	0.705495	-1.41745	0.157926	1.20983	1.20983	0.794182	0.967552	-1.03354	15.9929	4.03188	0.224093	1
cg03876766	0.532721	0.889965	-1.12364	0.0024061	0.458417	-2.18142	0.00119649	0.416508	-2.40092	0.854098	0.966609	-1.03454	11.4813	6.1889	0.479146	1
cg06035456	0.456373	1.21365	1.21365	0.0640258	1.70114	1.70114	0.0135011	2.18257	2.18257	0.218221	0.718494	-1.3918	9.16875	9.46154	0.917273	1
cg07081753	0.183818	1.43758	1.43758	0.858059	1.04716	1.04716	0.0178514	0.476549	-2.09842	0.0492886	0.561227	-1.78181	8.80378	9.23914	0.932846	1
cg09716878	0.265304	0.805937	-1.24079	0.00280673	2.14944	2.14944	0.117144	0.72882	-1.37208	0.162387	0.757896	-1.31944	4.8904	2.67525	0.486259	1
cg06759405	0.286333	0.899954	-1.11117	0.056817	0.814462	-1.2278	0.0155611	1.32636	1.32636	0.0579084	1.22642	1.22642	4.49693	0.645518	0.127597	1
cg00971834	0.00148491	0.206075	-4.85261	0.749313	0.895403	-1.11682	0.122204	0.561438	-1.78114	0.680681	0.867099	-1.15327	4.17077	7.84453	1.67185	1
cg26728770	0.0235462	0.617418	-1.61965	0.301187	1.21046	1.21046	0.0249097	0.621321	-1.60947	0.197368	0.784296	-1.27503	4.04161	2.03492	0.447549	1
cg09082487	0.0743726	0.489084	-2.04464	0.110836	0.53527	-1.86822	0.335244	0.699427	-1.42974	0.101011	0.524075	-1.90812	3.50885	7.19243	1.82204	1
cg00288736	8.70E-05	1.58382	1.58382	0.0182965	1.20573	1.20573	0.0784522	1.13621	1.13621	0.0193777	1.20286	1.20286	38.6394	2.61173	0.0600822	1
cg26629556	0.595376	0.903774	-1.10647	0.237693	0.791767	-1.263	0.572262	1.11374	1.11374	0.369805	0.840417	-1.18989	14.0531	7.9307	0.501634	1
cg15447971	0.537495	0.895992	-1.11608	0.0103014	1.76589	1.76589	0.492249	1.13053	1.13053	0.907484	0.979758	-1.02066	11.0413	5.39745	0.435593	1
cg23281803	0.0410026	4.35822	4.35822	0.00233105	14.2019	14.2019	0.0113857	7.2235	7.2235	0.0413124	4.34552	4.34552	4.66123	28.7649	5.48542	1
cg26179069	0.320942	1.31511	1.31511	0.00100121	0.271195	-3.68739	0.436837	1.23599	1.23599	0.974236	0.991411	-1.00866	4.62514	5.22646	1.00445	1
cg10133738	0.233625	1.26635	1.26635	0.160093	1.32819	1.32819	0.780323	1.05429	1.05429	0.394796	0.848053	-1.17917	4.17352	2.36366	0.503419	1
cg16907566	0.0250058	7.59604	7.59604	0.00352619	20.246	20.246	0.0329045	6.66696	6.66696	0.073074	4.57209	4.57209	4.03279	36.9356	8.13876	1
cg23586322	0.0394882	24.1434	24.1434	0.00687462	107.623	107.623	0.0111949	70.0746	70.0746	0.0392917	24.2437	24.2437	4.02878	114.041	25.1614	1
cg18315763	0.282182	0.570111	-1.75405	0.0399278	0.302987	-3.30047	0.0721252	0.364491	-2.74356	0.0234412	0.256336	-3.90113	3.89454	15.5942	3.55921	1
cg18495484	0.134633	0.137468	-7.27443	0.0384322	0.052306	-19.1182	0.0139159	0.0238088	-42.0013	0.0690823	0.0818927	-12.2111	3.53687	84.7749	21.3057	1
cg19461644	0.00460818	1.19604	1.19604	1.59E-07	0.461503	-2.16683	1.89E-05	1.51131	1.51131	5.54E-05	1.42772	1.42772	63.1234	2.25349	0.0317332	1
cg14546062	3.23E-07	0.147944	-6.75933	0.0198224	0.696672	-1.4354	0.00112717	0.540153	-1.85133	0.0213537	0.70089	-1.42676	41.2321	10.7811	0.232422	1
cg14259208	0.0212299	0.487867	-2.04974	5.50E-05	0.142886	-6.99856	0.678098	0.897484	-1.11423	0.000361437	0.227175	-4.4019	17.3221	18.4219	0.94533	1
cg00089695	0.000585605	0.440233	-2.27153	0.0880865	1.33722	1.33722	0.000823337	0.459318	-2.17714	0.364423	0.865979	-1.15476	10.4093	3.92978	0.335586	1
cg14424210	0.802146	0.916441	-1.09118	0.000249584	0.122401	-8.16989	0.187827	1.62428	1.62428	0.712139	1.13747	1.13747	6.69777	12.8126	1.70042	1
cg13593548	0.94253	0.98798	-1.01217	0.00678939	0.555223	-1.80108	0.0622047	0.703193	-1.42209	0.0375393	0.667145	-1.49893	5.27051	2.34834	0.396055	1
cg13865810	0.00597765	0.34498	-2.89872	0.0234612	0.448585	-2.22923	0.367223	0.76008	-1.31565	0.30609	1.36867	1.36867	5.0424	7.00498	1.23486	1
cg20503329	0.00549558	2.09056	2.09056	0.187889	1.32566	1.32566	0.197712	1.3166	1.3166	0.15162	1.36391	1.36391	4.65534	3.00904	0.574544	1
cg13494827	0.115534	0.70134	-1.42584	0.0366408	0.604409	-1.65451	0.0799616	0.668409	-1.49609	0.445925	0.851199	-1.17481	4.18211	2.84793	0.605317	1
cg13952031	0.130401	1.27575	1.27575	0.00463643	0.570361	-1.75328	0.9732	0.995004	-1.00502	0.823991	1.03377	1.03377	3.83681	1.35056	0.312889	1
cg13963221	0.0617796	1.52153	1.52153	0.00595948	2.04906	2.04906	0.524368	1.13737	1.13737	0.135088	0.725131	-1.37906	3.77153	2.37787	0.560426	1
cg06440665	0.53533	1.30836	1.30836	0.00479329	0.201342	-4.96666	0.0025037	0.165655	-6.03665	0.841039	1.08978	1.08978	5.76947	16.7488	2.5806	1
cg20784098	0.528294	1.10344	1.10344	0.040746	1.43898	1.43898	0.790303	0.95977	-1.04192	0.784167	1.04321	1.04321	3.65289	1.37326	0.334167	1
cg08509991	0.124011	1.35857	1.35857	0.00118505	0.416973	-2.39824	0.703006	1.07301	1.07301	0.359967	0.841018	-1.18904	14.3517	7.69257	0.476447	1
cg13553455	0.00585258	0.331515	-3.01646	8.43E-05	0.114879	-8.70479	0.00210331	0.266138	-3.75745	0.0188612	0.418745	-2.38809	14.1194	20.9433	1.31849	1
cg04215238	0.00670445	0.320811	-3.1171	0.00212478	0.247561	-4.03941	0.142415	0.600608	-1.66498	0.0694685	0.518648	-1.92809	7.28777	12.0654	1.47162	1
cg26322711	0.00123087	0.173602	-5.76029	0.00832919	0.286663	-3.48841	0.0382332	0.410706	-2.43483	0.020222	0.35431	-2.82239	6.84088	14.8737	1.93265	1
cg04616571	0.523475	1.08053	1.08053	0.00141843	1.73872	1.73872	0.0525334	1.30218	1.30218	0.176463	1.18783	1.18783	5.51621	1.25347	0.201986	1
cg15715892	0.074474	0.471914	-2.11903	0.0073943	0.271407	-3.6845	0.00637564	0.261438	-3.825	0.0671874	0.460604	-2.17106	4.22508	9.55583	2.01039	1
cg19975645	0.833807	0.968722	-1.03229	0.0197744	1.53063	1.53063	0.0455708	0.706982	-1.41446	0.218617	0.82226	-1.21616	3.54923	1.28583	0.322031	1
cg10911365	0.0295133	0.439919	-2.27314	0.0310322	0.444357	-2.25044	0.0349878	0.455129	-2.19718	0.547534	0.822832	-1.21531	3.47626	5.65155	1.44512	1
cg25832305	0.000322234	0.363807	-2.74871	2.76E-07	0.0715252	-13.9811	0.000518326	0.390257	-2.56241	0.000580474	0.396646	-2.52114	37.393	17.8843	0.425137	1
cg06661612	0.0817908	1.23125	1.23125	1.14E-06	0.256148	-3.90399	0.159513	0.850321	-1.17603	0.00228186	0.631183	-1.58433	27.6981	5.10364	0.163786	1
cg03876085	0.0276738	0.647037	-1.54551	1.82E-05	0.231576	-4.31823	0.218188	0.805241	-1.24186	0.0153726	0.608082	-1.64452	14.8091	6.5596	0.393728	1
cg05349624	0.00662036	0.431825	-2.31575	7.80E-06	0.0967976	-10.3308	0.167505	0.704334	-1.41978	0.01728	0.501136	-1.99546	14.2908	12.8456	0.799002	1
cg06240465	0.00327265	0.444721	-2.2486	6.70E-05	0.228427	-4.37777	0.0319355	0.601603	-1.66223	0.00243297	0.426122	-2.34675	12.3345	7.98286	0.575285	1
cg06484514	0.00161292	0.144761	-6.90792	0.000138532	0.0598993	-16.6947	0.00327161	0.180238	-5.54823	0.0242719	0.317316	-3.15143	11.408	33.0105	2.57212	1
cg02628840	0.00141157	0.365815	-2.73362	6.11E-05	0.199946	-5.00134	0.0269441	0.565484	-1.7684	0.00393249	0.429881	-2.32622	9.84048	7.37877	0.666527	1
cg14136086	0.313543	0.74403	-1.34403	0.017408	0.439865	-2.27342	0.000198299	0.169764	-5.89052	0.00457943	0.342748	-2.91759	9.27753	11.8229	1.13277	1
cg03863756	0.000171681	0.285743	-3.49965	0.000412236	0.332839	-3.00445	0.0422352	0.631857	-1.58264	0.00461384	0.477294	-2.09515	9.13467	5.56914	0.541953	1
cg16942644	0.0150623	0.197314	-5.06805	0.000357083	0.0444866	-22.4787	0.03486	0.262915	-3.80351	0.00701494	0.150498	-6.64459	9.0458	42.2786	4.15452	1
cg00937175	0.0141066	0.587928	-1.70089	0.000234022	0.343102	-2.91458	0.786117	0.953432	-1.04884	0.723996	0.939732	-1.06413	8.95848	4.36124	0.432736	1
cg16713274	0.0965109	0.408464	-2.4482	0.0331556	3.39391	3.39391	0.857864	1.09195	1.09195	0.350309	1.60274	1.60274	7.55445	28.8062	3.38944	1
cg01212562	0.504669	0.812723	-1.23043	0.00020398	0.148528	-6.73275	0.952522	1.01841	1.01841	0.00343402	0.295988	-3.37852	7.05629	10.485	1.32081	1
cg19313408	0.000806616	0.198336	-5.04196	0.000880586	0.202796	-4.93107	0.0848446	0.543438	-1.84014	0.220262	0.662029	-1.51051	6.25114	10.1387	1.44169	1
cg20344388	0.0140115	2.80543	2.80543	0.213638	0.640665	-1.56088	0.0823673	1.92373	1.92373	0.0803548	1.93389	1.93389	5.57252	10.2032	1.62753	1
cg07964219	0.194989	0.527867	-1.89442	0.000512048	0.0797844	-12.5338	0.091028	0.419942	-2.38128	0.0582089	0.368716	-2.71211	5.56835	19.1582	3.05827	1
cg01079651	0.264357	0.705786	-1.41686	0.00110152	0.236691	-4.22491	0.0327389	0.473187	-2.11333	0.422305	0.782316	-1.27826	5.37045	7.63008	1.26289	1
cg02066681	0.00672852	0.450447	-2.22002	0.228373	0.750564	-1.33233	0.00545741	0.436255	-2.29224	0.0217794	0.535296	-1.86812	4.74342	3.86956	0.725133	1
cg24483767	0.0762537	0.800855	-1.24867	0.00269989	0.627082	-1.59469	0.486506	1.08286	1.08286	0.827228	0.975691	-1.02492	4.71043	0.945652	0.178451	1
cg22038359	0.660821	0.798167	-1.25287	0.00232085	0.113957	-8.77523	0.00283234	0.122593	-8.15709	0.0995246	0.397818	-2.51371	4.70992	19.456	3.66991	1
cg26239725	0.499888	0.756762	-1.32142	0.00689761	0.240912	-4.1509	0.0166971	3.28408	3.28408	0.779148	0.89189	-1.12121	3.57645	9.38132	2.33163	1
cg10415509	0.000110265	0.312892	-3.19599	5.99E-07	0.0958734	-10.4304	0.003628	0.510672	-1.95821	0.209771	0.797975	-1.25317	29.5858	13.6587	0.410368	1
cg02999431	9.32E-05	0.280664	-3.56297	1.20E-06	0.10156	-9.8464	0.802464	1.04675	1.04675	0.00520383	0.51059	-1.95852	26.4652	13.9289	0.46783	1
cg25652516	0.122598	0.71544	-1.39774	0.000406426	0.324774	-3.07906	0.146365	0.731937	-1.36624	0.000920673	0.371236	-2.69371	22.7068	14.4065	0.563962	1
cg04622125	0.00051223	0.366285	-2.73012	7.40E-05	0.263564	-3.79415	6.82E-05	0.25956	-3.85267	0.770847	0.947361	-1.05556	17.5541	9.53059	0.4826	1
cg16299891	0.000228199	0.253631	-3.94273	1.43E-05	0.132175	-7.56572	0.866365	0.962974	-1.03845	0.00489324	0.433692	-2.30578	16.1521	12.837	0.706452	1
cg03705621	0.567444	0.879409	-1.13713	2.11E-05	0.148688	-6.72551	9.31E-05	0.212261	-4.71117	0.0298845	0.566596	-1.76493	14.8556	11.3408	0.695912	1
cg01487892	0.0440996	0.607833	-1.64519	2.49E-05	0.164789	-6.06837	0.593461	0.890496	-1.12297	0.491007	0.860219	-1.16249	14.333	10.5165	0.652205	1
cg17802551	2.85E-05	0.339531	-2.94524	0.000220695	0.445604	-2.24415	0.0500971	0.745722	-1.34098	0.047335	0.742281	-1.3472	13.1387	3.58973	0.24286	1
cg12276203	0.895329	0.96293	-1.0385	1.78E-05	0.0806674	-12.3966	0.769309	0.919066	-1.08806	0.00491425	0.343211	-2.91366	12.6317	16.4762	1.15942	1
cg14778721	0.021013	0.500822	-1.99672	0.0235909	0.509994	-1.96081	0.501899	0.843866	-1.18502	0.303268	0.766745	-1.30422	11.1465	10.953	0.873458	1
cg08976550	0.000905018	0.3121	-3.2041	0.000207348	0.232977	-4.29226	0.00207011	0.36157	-2.76571	0.196298	0.725798	-1.37779	10.3438	9.01302	0.774531	1
cg04123357	0.00414356	0.24052	-4.15767	0.000175292	0.0944492	-10.5877	0.10425	0.51767	-1.93173	0.00304955	0.222125	-4.50197	10.0784	21.9371	1.93479	1
cg00128273	0.0125106	0.421007	-2.37526	0.000175443	0.169958	-5.88379	0.0650988	0.561745	-1.78017	0.0317816	0.496178	-2.0154	9.12055	11.2004	1.09159	1
cg10004976	0.00133414	0.29522	-3.3873	0.000489685	0.239633	-4.17305	0.823349	1.06023	1.06023	0.0371248	0.531003	-1.88323	8.96869	9.71792	0.963145	1
cg25829961	0.903604	0.986239	-1.01395	0.250034	1.14738	1.14738	0.32477	0.890211	-1.12333	0.85447	1.02122	1.02122	8.54843	1.77086	0.184138	1
cg04617640	0.00960326	0.232195	-4.30673	0.000224074	0.0649084	-15.4063	0.00693775	0.211003	-4.73927	0.963166	0.979643	-1.02078	8.20666	25.7802	2.79234	1
cg00537979	0.0233397	0.349252	-2.86326	0.00040771	0.113033	-8.84701	0.00426861	0.226715	-4.41083	0.521619	0.777135	-1.28678	6.9043	16.475	2.12126	1
cg04553623	0.114521	1.29827	1.29827	0.267601	0.838934	-1.19199	0.363773	1.1525	1.1525	0.0353572	1.45156	1.45156	6.7765	2.48206	0.325577	1
cg11113589	0.777945	0.919327	-1.08775	0.00139223	0.252047	-3.96752	0.000445109	0.19227	-5.20101	0.0156194	0.413973	-2.41562	6.76861	9.48908	1.24616	1
cg11997734	0.00595941	0.104644	-9.55621	0.000455595	0.0312153	-32.0356	0.117757	0.344236	-2.90498	0.0132586	0.145601	-6.86807	6.62847	41.3733	5.54823	1
cg17549853	0.0845779	1.52708	1.52708	0.990232	1.00272	1.00272	0.502258	1.16313	1.16313	0.985157	1.00414	1.00414	5.64312	4.40173	0.693348	1
cg25049844	0.161338	0.609265	-1.64132	0.404408	0.753813	-1.32659	0.0014745	0.218694	-4.5726	0.0726789	0.515132	-1.94125	5.26527	9.15071	1.54483	1
cg09057885	0.641287	1.06112	1.06112	0.00752667	1.54474	1.54474	0.196674	0.841478	-1.18839	0.0935774	0.792016	-1.2626	4.46714	1.13105	0.22506	1
cg25390243	0.0644342	0.632091	-1.58205	0.0289444	1.76582	1.76582	0.0363782	1.71113	1.71113	0.575995	1.13287	1.13287	4.46508	3.4479	0.686393	1
cg18502618	0.632153	0.895207	-1.11706	0.535623	0.865902	-1.15487	0.393374	0.818174	-1.22223	0.00275291	0.387429	-2.58112	4.0633	3.3904	0.741686	1
cg22978940	0.540985	1.39104	1.39104	0.0317102	0.261067	-3.83044	0.00361974	0.122452	-8.16649	0.0274688	0.248874	-4.0181	3.94583	17.7743	4.00407	1
cg13180920	0.0629274	0.527598	-1.89538	0.00585445	0.332027	-3.0118	0.256184	0.696118	-1.43654	0.122209	0.599332	-1.66853	3.40347	5.03486	1.31496	1
cg07421341	?	?	?	0.0248268	2.92799	2.92799	0.978382	1.01066	1.01066	0.0627373	2.30355	2.30355	6.90435	10.9203	1.84526	1
cg15080430	0.330267	0.546393	-1.83018	0.0100007	0.141345	-7.07487	0.00492636	0.106363	-9.40176	0.209038	0.450833	-2.21811	4.27804	24.5238	5.09554	1
cg09972836	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21912531	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06200048	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09809276	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18008451	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00439089	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14832352	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03799835	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10820084	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11993636	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23730606	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03053980	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14700325	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)
cg02827061	COL1A1	0.00108534	0.0757526	0.653506	-1.53021	6.98E-05	0.209547	-4.77219	0.256708	0.775086	-1.29018	0.0589545	0.631909
cg18618815	COL1A1	0.00117124	0.0104712	0.407274	-2.45535	0.0134367	0.426011	-2.34736	8.55E-05	0.139842	-7.15094	0.25115	0.715871
cg27604897	COL1A1	0.00157911	0.223457	0.872623	-1.14597	0.174471	0.857383	-1.16634	0.0030957	0.649744	-1.53907	0.0259322	0.754546
cg18405262	COL1A1	0.00242264	0.115026	0.726565	-1.37634	0.177891	0.765775	-1.30587	0.00337177	0.475557	-2.1028	0.000339941	0.340981
cg05302100	COL1A1	0.00322356	0.0798706	0.571943	-1.74843	0.636175	0.87198	-1.14682	0.000202582	0.166694	-5.99902	0.00130673	0.260422
cg02186748	COL1A1	0.00547484	0.0893704	0.513826	-1.94618	0.0677081	0.483088	-2.07002	0.00241427	0.222662	-4.49112	0.0342829	0.415645
cg16781907	COL1A1	0.00824197	0.409011	1.3137	1.3137	0.0624208	0.507817	-1.96921	0.00458092	0.295346	-3.38585	0.0173518	0.392125
cg21847118	COL1A1	0.0133494	0.974719	1.00805	1.00805	0.652165	1.12167	1.12167	0.00106354	0.293967	-3.40174	0.0485112	0.565352
cg24540710	COL1A1	0.0142001	0.491176	1.19911	1.19911	0.000973326	0.279631	-3.57614	0.36949	0.787158	-1.27039	0.0369762	0.533096
cg14562086	COL1A1	0.0211631	0.171236	0.548205	-1.82414	0.160784	0.538951	-1.85546	0.0201635	0.314662	-3.17801	0.0172342	0.302008
cg09852920	COL1A1	0.0412619	0.893164	1.09313	1.09313	0.0297023	5.45127	5.45127	0.0622067	4.01979	4.01979	0.216728	2.36641
cg22809726	COL1A1	0.0456666	0.0382262	0.37523	-2.66503	0.504293	0.758403	-1.31856	0.0390464	0.377256	-2.65072	0.208873	0.582382
cg00060287	COL1A1	0.0460649	0.385458	0.859698	-1.1632	0.249187	0.814945	-1.22708	0.333531	1.18468	1.18468	0.679729	1.07308
cg14918650	COL1A2	0.00774999	0.172646	0.802231	-1.24652	0.400631	0.877551	-1.13954	0.0323341	0.683533	-1.46299	0.37378	0.870563
cg24406898	COL1A2	0.0225645	0.259852	1.41288	1.41288	0.100599	1.69706	1.69706	0.338882	0.748348	-1.33628	0.567939	0.843883
cg05008825	COL1A2	0.0421106	0.978682	0.996462	-1.00355	0.0687002	0.763167	-1.31033	0.0189029	0.685829	-1.45809	0.329507	0.875038
cg14340196	COL1A2	0.0430641	0.697252	1.07071	1.07071	0.138951	0.75705	-1.32092	0.110359	0.737817	-1.35535	0.482088	1.13298
cg25300386	COL1A2;COL1A2	0.0341834	0.0325595	3.84717	3.84717	0.32301	0.577079	-1.73286	0.34527	1.68795	1.68795	0.0376745	0.272964
cg01779444	COL20A1	0.000278724	0.0024603	0.586953	-1.70371	1.68E-05	0.326921	-3.05884	0.807178	1.03142	1.03142	0.000744203	0.523263
cg21688209	COL20A1	0.000603204	0.00577171	3.56399	3.56399	0.000346537	7.55497	7.55497	0.0106992	3.08692	3.08692	0.00921306	3.19473
cg14992000	COL20A1	0.00227033	0.00129598	10.7924	10.7924	0.0495635	3.11826	3.11826	0.908379	1.06018	1.06018	0.0170867	4.37392
cg21391133	COL20A1	0.00987809	0.00364504	0.463991	-2.15522	0.528495	0.882777	-1.13279	0.191389	1.31006	1.31006	0.992692	1.00179
cg02240876	COL20A1	0.0129571	0.0119834	0.459041	-2.17846	0.001215	0.308407	-3.24247	0.00442786	0.389307	-2.56867	0.0565955	0.585046
cg13079333	COL20A1	0.0166504	0.178474	1.25743	1.25743	0.041525	1.45736	1.45736	0.493569	0.89457	-1.11785	0.466053	0.887929
cg08083599	COL20A1	0.0247548	0.645424	0.872432	-1.14622	0.896203	0.962284	-1.03919	0.99736	1.00098	1.00098	0.14516	1.58538
cg09966455	COL20A1	0.0342742	0.217298	0.41831	-2.39057	0.263531	0.45722	-2.18713	0.120392	0.322676	-3.09909	0.65929	1.34704
cg15380358	COL20A1	0.0353527	0.0861283	0.659993	-1.51517	0.754526	0.933577	-1.07115	0.84541	1.0437	1.0437	0.386259	0.823142
cg12131279	COL20A1	0.0384298	0.0749698	0.809983	-1.23459	0.243846	0.878463	-1.13835	0.455189	1.08419	1.08419	0.00645716	0.686354
cg15278386	COL20A1	0.0408856	0.0352396	0.248055	-4.03137	0.01625	0.188105	-5.31617	0.122242	0.385929	-2.59115	0.0723197	0.319801
cg13327911	COL21A1	0.0106127	0.0109909	0.0804532	-12.4296	0.0499991	0.171127	-5.84362	0.0208338	0.111138	-8.99786	0.105835	0.247771
cg05126887	COL21A1	0.0201946	0.0124169	13.4694	13.4694	0.105335	4.38759	4.38759	0.0345631	7.84295	7.84295	0.330137	2.31597
cg12751817	COL21A1	0.0250319	0.56738	1.26886	1.26886	0.00254646	0.178231	-5.61069	0.0252223	0.334128	-2.99287	0.692541	1.17786
cg07143470	COL21A1	0.0259454	0.0361514	19.5006	19.5006	0.00945771	55.1045	55.1045	0.348588	3.24283	3.24283	0.218203	4.85019
cg22935609	COL21A1	0.031361	0.258026	0.608308	-1.6439	0.453827	1.37899	1.37899	0.0102747	0.256091	-3.90486	0.539606	1.29894
cg12569497	COL21A1	0.0359091	0.0597246	3.81479	3.81479	0.00622569	9.4613	9.4613	0.123078	2.86541	2.86541	0.246007	2.14805
cg09966920	COL21A1	0.0437668	0.0421598	0.291535	-3.43012	0.00757486	0.163875	-6.10221	0.0504938	0.309246	-3.23368	0.216582	0.504278
cg19304107	COL22A1	7.26E-05	0.0428505	0.523951	-1.90857	0.451333	1.23714	1.23714	5.05E-06	17.8183	17.8183	0.104122	1.63675
cg27025995	COL22A1	0.000997129	0.00587902	0.334906	-2.98592	0.000304837	0.168564	-5.93245	0.187889	1.52728	1.52728	0.0718909	0.543491
cg05795449	COL22A1	0.00189456	0.1328	0.851579	-1.17429	0.0181694	0.752675	-1.3286	0.000530656	0.585987	-1.70652	0.621776	1.05049
cg03396229	COL22A1	0.00510983	0.266438	0.612818	-1.63181	0.479524	0.73787	-1.35525	0.000431269	10.5386	10.5386	0.160099	0.530083
cg16682329	COL22A1	0.00739259	0.663273	0.820662	-1.21853	0.429206	0.694834	-1.43919	0.000934901	9.2826	9.2826	0.256551	0.5861
cg16407323	COL22A1	0.00804913	0.158719	0.496469	-2.01422	0.0449105	0.343055	-2.91499	0.00289373	6.71052	6.71052	0.979166	0.987935
cg18457731	COL22A1	0.0108189	0.0028943	0.240042	-4.16594	0.143735	0.578496	-1.72862	0.0762038	0.502884	-1.98853	0.0733211	0.498684
cg10549331	COL22A1	0.0147977	0.325738	0.752039	-1.32972	0.153939	1.53522	1.53522	0.00133148	0.269721	-3.70754	0.665188	0.884901
cg05492433	COL22A1	0.0200678	0.43929	1.34035	1.34035	0.789047	1.10471	1.10471	0.0755903	0.479732	-2.0845	0.734111	1.13497
cg11567953	COL22A1	0.0261789	0.395933	1.14423	1.14423	0.0758158	0.736197	-1.35833	0.00873569	0.595851	-1.67827	0.318743	1.17316
cg17099048	COL22A1	0.0307802	0.0138526	0.196223	-5.09625	0.163215	0.450712	-2.21871	0.131427	0.418097	-2.39179	0.0539884	0.30996
cg10626625	COL22A1	0.0486781	0.379131	0.922002	-1.0846	0.321592	0.911955	-1.09654	0.0607938	0.826766	-1.20953	0.513375	0.942088
cg12304113	COL22A1;COL22A1	0.00119294	0.00787093	0.351166	-2.84766	0.0735446	0.542083	-1.84474	0.0513974	1.97535	1.97535	0.029138	0.45425
cg19488785	COL23A1	5.81E-06	1.01E-05	0.299402	-3.33999	0.000530233	1.98839	1.98839	1.99E-05	0.332733	-3.00542	0.31619	0.87634
cg11507532	COL23A1	7.60E-06	7.90E-06	0.120049	-8.32995	0.295709	1.26478	1.26478	0.000143275	0.241763	-4.13627	0.456148	0.84839
cg21768539	COL23A1	8.25E-06	9.79E-06	0.177537	-5.63264	0.000698799	0.390678	-2.55965	2.00E-05	0.20824	-4.80216	1.77E-05	0.202837
cg02343715	COL23A1	2.46E-05	0.565347	1.06319	1.06319	0.225869	0.874521	-1.14348	0.00486334	0.674612	-1.48233	0.00610951	0.685712
cg22051146	COL23A1	0.000115881	0.00041743	0.372197	-2.68675	0.0375602	0.653044	-1.53129	0.00666643	0.537037	-1.86207	0.0218609	0.615154
cg09579677	COL23A1	0.000131152	0.000471822	0.394719	-2.53345	0.00138967	0.45652	-2.19048	0.000143451	0.329911	-3.03112	0.0934883	0.731844
cg03475756	COL23A1	0.00020619	0.00147912	0.268871	-3.71925	0.0010413	0.248985	-4.0163	0.00085102	0.237956	-4.20245	0.00239756	0.297733
cg10570993	COL23A1	0.000275047	0.00109424	0.270768	-3.6932	0.0789079	0.589039	-1.69768	0.000460753	0.224143	-4.46143	0.612463	0.870603
cg05499376	COL23A1	0.000300439	0.625117	0.879653	-1.13681	0.0855935	0.609695	-1.64016	0.000582305	0.250337	-3.99461	0.535064	1.17771
cg11577662	COL23A1	0.00117282	0.0245523	1.66755	1.66755	0.0172266	0.574602	-1.74033	0.00024951	0.315375	-3.17083	0.00164614	0.422996
cg06938356	COL23A1	0.0015477	0.234013	0.807614	-1.23821	0.755459	1.05496	1.05496	0.00674904	0.548004	-1.8248	0.0536279	0.687057
cg11770816	COL23A1	0.0015654	0.0110326	0.447817	-2.23305	0.00503152	2.54708	2.54708	0.259276	1.34522	1.34522	0.726987	1.09234
cg17590710	COL23A1	0.00180435	0.318805	0.811079	-1.23293	0.505659	1.14712	1.14712	0.000422489	0.321343	-3.11194	0.000543258	0.335372
cg01290665	COL23A1	0.00183109	0.00997788	0.604657	-1.65383	0.684191	1.06528	1.06528	0.00109212	0.474754	-2.10635	0.609687	1.08287
cg24810933	COL23A1	0.0020741	0.138281	1.32119	1.32119	0.00646543	0.539026	-1.8552	0.00206661	0.468973	-2.13232	0.0186616	1.64484
cg26667699	COL23A1	0.00274889	0.886221	1.03794	1.03794	0.0315331	1.92688	1.92688	0.703301	0.90526	-1.10465	7.00E-05	0.151353
cg00234625	COL23A1	0.00281282	0.168996	0.754245	-1.32583	0.00118571	2.49688	2.49688	0.045289	1.55579	1.55579	0.746561	1.0644
cg08438091	COL23A1	0.00307696	0.0341894	0.444481	-2.24982	0.00907205	0.336894	-2.96829	0.00158372	0.225819	-4.42832	0.853631	0.941204
cg18601334	COL23A1	0.00311962	0.0531322	0.447121	-2.23653	0.0876893	0.501319	-1.99474	0.135805	0.554968	-1.80191	0.946894	1.0247
cg18861753	COL23A1	0.00439653	0.123561	0.440398	-2.27068	0.000275598	0.0535017	-18.691	0.0682223	0.366455	-2.72885	0.387495	0.646956
cg06485308	COL23A1	0.00447561	0.704944	0.82454	-1.2128	0.194421	0.498482	-2.00609	0.0167991	0.227675	-4.39223	0.63296	1.27635
cg03727213	COL23A1	0.00467143	0.880565	1.02581	1.02581	0.0495264	0.684014	-1.46196	0.00100997	0.437466	-2.28589	0.746419	1.05652
cg13301423	COL23A1	0.00470725	0.191916	0.680912	-1.46862	0.338249	0.759842	-1.31606	0.00402536	0.34131	-2.92989	0.00574376	0.365221
cg03842822	COL23A1	0.00484107	0.0465203	0.534411	-1.87122	0.442234	1.24029	1.24029	0.00249947	0.315238	-3.1722	0.0175802	0.452023
cg01157650	COL23A1	0.0054583	0.0586056	0.497576	-2.00974	0.0139701	0.370892	-2.6962	0.000199131	0.129864	-7.70036	0.447894	0.776694
cg17444747	COL23A1	0.00577048	0.190704	0.580468	-1.72275	0.0306987	2.70868	2.70868	0.675385	0.847615	-1.17978	0.0185255	0.325935
cg05008898	COL23A1	0.00717848	0.558009	1.22096	1.22096	0.084072	0.525124	-1.90431	0.0249329	0.406867	-2.4578	0.0139805	2.78112
cg01002242	COL23A1	0.0079571	0.0417468	2.74253	2.74253	0.924138	1.04179	1.04179	0.211503	0.567908	-1.76085	0.100748	0.461763
cg04510049	COL23A1	0.00834015	0.0259004	0.256553	-3.89783	0.0014886	0.0947263	-10.5567	0.0038998	0.135493	-7.38046	0.669135	0.801613
cg21871330	COL23A1	0.00928181	0.286577	0.830278	-1.20442	0.995312	1.00099	1.00099	0.00404451	0.522648	-1.91333	0.372001	0.857228
cg07841353	COL23A1	0.00979669	0.0245893	0.296299	-3.37497	0.602008	0.787367	-1.27006	0.0484829	0.359096	-2.78477	0.564991	0.767743
cg24527008	COL23A1	0.00981799	0.0754116	0.630153	-1.58692	0.0068851	0.442099	-2.26194	0.0044504	0.412617	-2.42356	0.0170294	0.50726
cg23285825	COL23A1	0.0116765	0.0170599	7.31731	7.31731	0.00952622	9.46307	9.46307	0.20003	2.52555	2.52555	0.0915356	3.5665
cg01561304	COL23A1	0.0118766	0.196949	0.376396	-2.65678	0.135316	0.315662	-3.16794	0.0155823	0.119499	-8.36824	0.0506855	0.202927
cg07763376	COL23A1	0.012303	0.0347616	3.44601	3.44601	0.00409364	6.93526	6.93526	0.237379	1.86321	1.86321	0.25383	1.82045
cg03560256	COL23A1	0.0125786	0.379917	0.764929	-1.30731	0.0800492	1.78211	1.78211	0.108443	0.593948	-1.68365	0.957225	1.01609
cg25153741	COL23A1	0.0151187	0.167356	0.304902	-3.27974	0.415788	0.511094	-1.95659	0.0141161	0.086772	-11.5245	0.058419	0.178052
cg09001527	COL23A1	0.0159899	0.149345	0.44319	-2.25637	0.0377655	0.281354	-3.55424	0.0427342	0.292962	-3.41341	0.181356	0.473862
cg08354401	COL23A1	0.0174621	0.0718127	0.561978	-1.77943	0.0173689	2.29461	2.29461	0.390542	0.777041	-1.28693	0.281963	0.725722
cg10987720	COL23A1	0.0182517	0.470838	1.3536	1.3536	0.031105	0.351936	-2.84142	0.165343	0.542943	-1.84181	0.100762	2.09994
cg06768740	COL23A1	0.0182885	0.674887	1.04578	1.04578	0.0648826	0.80255	-1.24603	0.0296034	0.762058	-1.31224	0.876984	0.983699
cg25770135	COL23A1	0.018611	0.0806117	0.349096	-2.86454	0.216478	0.493435	-2.02661	0.0274495	0.242534	-4.12314	0.920059	0.946939
cg21120413	COL23A1	0.0195846	0.0765731	0.644632	-1.55127	0.0390884	1.7028	1.7028	0.0392622	1.70175	1.70175	0.0292947	0.564215
cg00986130	COL23A1	0.0211478	0.92269	1.03208	1.03208	0.581589	1.1985	1.1985	0.0216679	0.407842	-2.45193	0.403265	1.32083
cg17781721	COL23A1	0.0241062	0.0153912	0.248423	-4.0254	0.166809	0.501438	-1.99426	0.132407	0.467474	-2.13916	0.415493	0.677218
cg25376451	COL23A1	0.0262284	0.0551814	0.803212	-1.245	0.013257	1.36263	1.36263	0.733128	1.0351	1.0351	0.00439699	1.46718
cg07729453	COL23A1	0.0273624	0.0226402	0.326997	-3.05813	0.026297	0.339831	-2.94264	0.102038	0.480474	-2.08128	0.148948	1.88503
cg17731547	COL23A1	0.0289581	0.507126	1.13518	1.13518	0.154533	0.750439	-1.33255	0.204807	0.777198	-1.28667	0.0364906	1.58082
cg01970383	COL23A1	0.0289933	0.541523	0.784817	-1.27418	0.599041	0.812198	-1.23123	0.051903	0.420129	-2.38022	0.00151627	0.166817
cg23075480	COL23A1	0.0296434	0.172376	0.468588	-2.13407	0.353861	1.64516	1.64516	0.14337	0.440123	-2.27209	0.16125	2.18334
cg26993940	COL23A1	0.0305586	0.0186735	0.594465	-1.68218	0.198164	0.780267	-1.28161	0.00152975	0.435123	-2.2982	0.0486401	0.663063
cg22020813	COL23A1	0.0306866	0.0122492	0.448727	-2.22853	0.243602	0.731019	-1.36795	0.55293	0.857142	-1.16667	0.582305	1.15333
cg26996818	COL23A1	0.0307768	0.0409257	0.522694	-1.91316	0.0044087	2.84373	2.84373	0.426548	0.799926	-1.25012	0.969236	1.01066
cg10982964	COL23A1	0.0322499	0.00405167	0.471492	-2.12093	0.0129834	1.82321	1.82321	0.561553	1.12115	1.12115	0.423987	0.852927
cg22437316	COL23A1	0.0328811	0.0142677	0.38849	-2.57407	0.0618398	0.517931	-1.93076	0.0335714	0.459934	-2.17423	0.0208053	0.41876
cg08378286	COL23A1	0.0334978	0.0562046	0.224971	-4.44503	0.127902	0.321264	-3.1127	0.223293	0.413649	-2.41751	0.429645	0.573392
cg07145979	COL23A1	0.0336075	0.338117	0.786132	-1.27205	0.270867	0.756274	-1.32227	0.897728	0.96915	-1.03183	0.756372	0.926967
cg13339881	COL23A1	0.0365243	0.33103	1.30674	1.30674	0.00675769	2.55124	2.55124	0.855348	1.04988	1.04988	0.923434	1.02597
cg12194832	COL23A1	0.0373819	0.337016	0.709175	-1.41009	0.0667922	0.489936	-2.04108	0.00977991	0.321703	-3.10846	0.303053	0.690477
cg05206633	COL23A1	0.0375629	0.254594	1.25328	1.25328	0.0720267	1.4639	1.4639	0.0299637	0.615928	-1.62357	0.0683662	0.678906
cg23300245	COL23A1	0.038515	0.262352	0.739007	-1.35317	0.449324	0.819127	-1.22081	0.0814988	0.606713	-1.64823	0.0510644	0.562685
cg24830898	COL23A1	0.0474491	0.104847	0.553156	-1.80781	0.872968	0.947949	-1.05491	0.0871518	0.532054	-1.87951	0.0715956	0.510643
cg06730250	COL23A1	0.0493465	0.11462	0.674885	-1.48173	0.138227	0.693674	-1.4416	0.112933	0.673429	-1.48494	0.367047	1.23657
cg25552435	COL23A1;COL23A1	0.0402267	0.930467	1.01493	1.01493	0.748689	1.0561	1.0561	0.360618	0.852493	-1.17303	0.40694	1.15495
cg04927341	COL24A1	0.000625596	0.00467463	0.356497	-2.80507	0.0042104	0.349525	-2.86103	0.287324	0.738594	-1.35392	0.0533362	0.547712
cg18018694	COL24A1	0.00294949	0.00468656	0.0948246	-10.5458	0.0102295	0.131485	-7.60544	0.00413753	0.0898583	-11.1286	0.0499828	0.246385
cg00159159	COL24A1	0.00340882	0.00431367	0.306967	-3.25767	0.00208629	0.261702	-3.82114	0.293408	0.713681	-1.40119	0.227056	0.675364
cg08276739	COL24A1	0.00447502	0.0121599	0.575683	-1.73707	0.169704	1.29492	1.29492	0.629935	0.917794	-1.08957	0.0482134	0.671046
cg18917270	COL24A1	0.004721	0.181996	0.808563	-1.23676	0.060423	1.37386	1.37386	0.202069	0.817056	-1.22391	0.118849	0.775743
cg23717593	COL24A1	0.00817544	0.5767	1.16901	1.16901	0.388326	1.2774	1.2774	0.0070412	0.381112	-2.6239	0.0332813	0.502093
cg07247409	COL24A1	0.00868065	0.0109104	0.280325	-3.56729	0.204411	0.586827	-1.70408	0.0701003	0.446658	-2.23885	0.68791	0.851532
cg17223809	COL24A1	0.0138659	0.0180046	7.98941	7.98941	0.00486999	14.8655	14.8655	0.0411527	5.49375	5.49375	0.0611021	4.60016
cg21913319	COL24A1	0.0222177	0.468071	0.380515	-2.62801	0.134674	8.25424	8.25424	0.914455	0.868815	-1.15099	0.287237	4.24657
cg24395801	COL24A1	0.0243164	0.490011	0.382245	-2.61612	0.0808297	14.7622	14.7622	0.871559	0.801385	-1.24784	0.562762	2.22985
cg07589824	COL24A1	0.0246746	0.0104248	0.500214	-1.99914	0.172237	0.731917	-1.36628	0.0285889	0.574193	-1.74158	0.608533	0.894976
cg07143532	COL24A1	0.026132	0.139673	30.361	30.361	0.0799274	64.8904	64.8904	0.322264	8.98709	8.98709	0.189875	19.7228
cg24700222	COL24A1	0.031692	0.810734	0.768748	-1.30082	0.145718	5.54153	5.54153	0.373858	2.72004	2.72004	0.228481	3.99697
cg09264282	COL24A1	0.04507	0.497218	0.602139	-1.66075	0.108215	3.63185	3.63185	0.633676	1.42382	1.42382	0.642145	0.708625
cg05781609	COL24A1	0.0460998	0.433038	0.697084	-1.43455	0.135393	0.483892	-2.06657	0.0297935	0.315586	-3.16871	0.34162	1.55575
cg23531468	COL25A1;COL25A1	0.000182672	0.801476	0.956535	-1.04544	0.000387754	0.368566	-2.71322	0.000498455	0.382597	-2.61372	0.000116829	0.304089
cg25040353	COL25A1;COL25A1	0.00371976	0.00422566	0.257631	-3.88152	0.0186729	0.364423	-2.74407	0.0012461	0.18824	-5.31237	0.00152874	0.198845
cg26442903	COL25A1;COL25A1	0.00430094	0.148388	0.728929	-1.37188	0.661263	0.913998	-1.09409	0.511774	0.873091	-1.14536	0.00597478	0.480482
cg08760493	COL25A1;COL25A1	0.00469985	0.119059	0.727597	-1.37439	0.522468	0.885284	-1.12958	0.00373204	0.47893	-2.08799	0.000785688	0.385102
cg22266749	COL25A1;COL25A1	0.00586658	0.023796	1.96969	1.96969	0.11706	0.651954	-1.53385	0.0643256	0.59318	-1.68583	0.210022	0.717541
cg03500398	COL25A1;COL25A1	0.0083096	0.188299	0.798018	-1.2531	0.0498565	1.43625	1.43625	0.279108	0.833495	-1.19977	0.097866	0.745343
cg00112493	COL25A1;COL25A1	0.00964018	0.00142939	0.268924	-3.71852	0.0133818	0.417985	-2.39243	0.236832	0.702632	-1.42322	0.141211	0.637269
cg10237419	COL25A1;COL25A1	0.0132847	0.16886	1.28667	1.28667	0.207238	0.795586	-1.25693	0.649214	0.924284	-1.08192	0.36957	1.17168
cg14994944	COL25A1;COL25A1	0.0137851	0.98922	1.00313	1.00313	0.0851759	1.55235	1.55235	0.00119046	0.333579	-2.99779	0.730134	0.923106
cg21041751	COL25A1;COL25A1	0.0225402	0.986145	0.996295	-1.00372	0.141685	1.4019	1.4019	0.0123392	1.94667	1.94667	0.901084	1.02694
cg05791136	COL25A1;COL25A1	0.0281568	0.112099	0.784665	-1.27443	0.334159	1.14984	1.14984	0.191522	1.21388	1.21388	0.128809	1.2587
cg14779271	COL25A1;COL25A1	0.0462165	0.0147677	0.184966	-5.40639	0.190767	0.458744	-2.17986	0.0115627	0.169282	-5.90729	0.111904	0.377662
cg25088758	COL25A1;COL25A1;COL25A1;COL25A1	0.0093944	0.40659	0.85832	-1.16507	0.86917	0.970771	-1.03011	0.00826988	1.83616	1.83616	0.101809	1.38029

Probeset ID	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)
cg02827061	-1.58251	0.000840082	0.339226	-2.94789	0.639838	0.903545	-1.10675	0.0118858	1.96554	1.96554	0.36663	0.819048	-1.22093
cg18618815	-1.3969	0.00194949	0.294826	-3.39183	0.00521486	0.357876	-2.79426	0.00533197	0.359386	-2.78252	0.00226373	0.303933	-3.29019
cg27604897	-1.3253	0.975212	0.996696	-1.00332	0.339481	1.11057	1.11057	0.000103459	2.07831	2.07831	0.0770715	0.811067	-1.23294
cg18405262	-2.93271	0.480849	1.1429	1.1429	0.314478	1.21397	1.21397	0.00455891	2.02222	2.02222	0.0653271	0.680013	-1.47056
cg05302100	-3.83993	0.00290835	0.308399	-3.24256	0.645851	0.875449	-1.14227	0.387881	0.775366	-1.28971	0.0143215	0.419731	-2.38248
cg02186748	-2.4059	0.0308776	0.406121	-2.46232	0.101685	0.528892	-1.89075	0.00144592	0.194655	-5.1373	0.000594423	0.151868	-6.58468
cg16781907	-2.5502	0.00538127	0.30603	-3.26765	0.505494	1.24397	1.24397	0.00463709	0.296146	-3.37671	0.00891175	0.341228	-2.93059
cg21847118	-1.76881	0.0437512	0.556252	-1.79775	0.853756	1.0478	1.0478	0.0228077	1.99254	1.99254	0.122025	0.654358	-1.52822
cg24540710	-1.87584	0.153485	0.672428	-1.48715	0.517954	1.18554	1.18554	0.0772983	1.66527	1.66527	0.512545	1.18823	1.18823
cg14562086	-3.31117	0.216336	0.584596	-1.71058	0.0520912	0.401824	-2.48865	0.147327	0.526457	-1.89949	0.00074821	0.121148	-8.25435
cg09852920	2.36641	0.0553557	0.237096	-4.2177	0.108809	3.18681	3.18681	0.927339	0.941346	-1.06231	0.0570581	4.16543	4.16543
cg22809726	-1.71709	0.00495195	0.219004	-4.56613	0.0796515	0.452093	-2.21194	0.0122582	0.279912	-3.57256	0.791609	0.897563	-1.11413
cg00060287	1.07308	0.188896	1.2668	1.2668	0.210965	0.799369	-1.25099	0.00438631	0.523936	-1.90863	0.382904	1.16419	1.16419
cg14918650	-1.14868	0.00059098	0.446792	-2.23818	0.205287	0.816366	-1.22494	0.0025716	0.530138	-1.8863	0.142325	0.78705	-1.27057
cg24406898	-1.185	0.110936	1.66644	1.66644	0.122505	1.63579	1.63579	0.000764423	4.47818	4.47818	0.0450696	1.9664	1.9664
cg05008825	-1.14281	0.989584	1.00173	1.00173	0.325506	1.14416	1.14416	0.00658866	1.59678	1.59678	0.765278	0.961062	-1.04052
cg14340196	1.13298	0.14428	1.31532	1.31532	0.101155	1.36847	1.36847	0.00593486	1.87536	1.87536	0.515237	0.891096	-1.12221
cg25300386	-3.66349	0.247948	1.91651	1.91651	0.225176	0.503557	-1.98587	0.119833	2.48154	2.48154	0.660275	1.26898	1.26898
cg01779444	-1.91109	0.0108977	0.667423	-1.4983	0.322028	0.878606	-1.13817	0.00433896	1.61968	1.61968	0.457092	0.908642	-1.10054
cg21688209	3.19473	0.0163564	0.356579	-2.80443	0.829217	0.92691	-1.07885	0.00246221	4.39124	4.39124	0.000440943	7.02848	7.02848
cg14992000	4.37392	0.0189352	0.236319	-4.23156	0.0686361	2.81383	2.81383	0.00051128	15.7091	15.7091	0.944676	1.03585	1.03585
cg21391133	1.00179	0.00450294	0.477455	-2.09444	0.0478465	0.642922	-1.5554	0.0167346	1.76863	1.76863	0.355167	1.20407	1.20407
cg02240876	-1.70927	0.376592	0.798212	-1.2528	0.0389318	0.552235	-1.81082	0.0528298	0.578864	-1.72752	0.601107	0.877192	-1.14
cg13079333	-1.12622	0.267882	0.831158	-1.20314	0.00690167	1.7513	1.7513	0.427647	1.13857	1.13857	0.00177563	2.04025	2.04025
cg08083599	1.58538	0.00227828	0.284521	-3.51468	0.285522	0.72128	-1.38642	0.865735	0.951377	-1.05111	0.00922953	2.64689	2.64689
cg09966455	1.34704	0.00265037	0.0612985	-16.3136	0.0422572	0.207872	-4.81066	0.00839117	0.104257	-9.5917	0.308114	0.492477	-2.03055
cg15380358	-1.21486	0.00422414	0.431989	-2.31487	0.0919338	1.50163	1.50163	0.854094	1.04116	1.04116	0.0355386	1.70958	1.70958
cg12131279	-1.45697	0.0398376	0.776844	-1.28726	0.972336	1.00369	1.00369	0.0350571	1.29818	1.29818	0.530888	0.934767	-1.06979
cg15278386	-3.12695	0.558842	0.714593	-1.3994	0.0460766	0.272702	-3.667	0.0138687	0.177575	-5.63143	0.00944189	0.154114	-6.4887
cg13327911	-4.03598	0.00247665	0.03605	-27.7392	0.256449	0.392359	-2.54869	0.00171856	0.0291898	-34.2586	0.372325	0.485086	-2.06149
cg05126887	2.31597	0.350761	2.23137	2.23137	0.0498925	6.48166	6.48166	0.386963	2.09827	2.09827	0.00229944	35.1858	35.1858
cg12751817	1.17786	0.0127269	0.279384	-3.5793	0.66739	0.836876	-1.19492	0.751888	1.13956	1.13956	0.972597	1.01425	1.01425
cg07143470	4.85019	0.542666	2.11968	2.11968	0.0537463	14.4416	14.4416	0.00626265	76.9093	76.9093	0.00699157	70.2972	70.2972
cg22935609	1.29894	0.0311541	0.344658	-2.90142	0.0161852	0.289703	-3.45181	0.16415	0.535149	-1.86864	0.461041	1.37171	1.37171
cg12569497	2.14805	0.0387501	4.51866	4.51866	0.182716	2.43768	2.43768	0.00877417	8.19405	8.19405	0.0188209	6.00934	6.00934
cg09966920	-1.98303	0.0233834	0.240197	-4.16325	0.315392	0.578918	-1.72736	0.0129284	0.196977	-5.07673	0.605308	0.75996	-1.31586
cg19304107	1.63675	0.29578	0.740343	-1.35073	1.79E-05	11.3633	11.3633	0.128443	0.63402	-1.57724	0.465101	0.813709	-1.22894
cg27025995	-1.83996	0.00715738	0.348588	-2.86872	0.0030155	3.43493	3.43493	0.0153509	0.405373	-2.46687	0.00454539	0.317562	-3.14899
cg05795449	1.05049	0.87446	0.984459	-1.01579	0.00387616	1.47013	1.47013	0.105229	1.19167	1.19167	0.0382205	0.78825	-1.26863
cg03396229	-1.8865	0.290723	0.628954	-1.58994	0.00279493	5.71179	5.71179	0.48612	0.741342	-1.34891	0.239304	0.593839	-1.68396
cg16682329	-1.70619	0.583637	0.779028	-1.28365	0.00129029	8.29617	8.29617	0.252858	0.583448	-1.71395	0.674908	0.826706	-1.20962
cg16407323	-1.01221	0.199391	0.532469	-1.87804	0.00315117	6.52468	6.52468	0.144892	0.482996	-2.07041	0.190542	0.525027	-1.90466
cg18457731	-2.00528	0.000481512	0.148382	-6.73938	0.289238	0.681616	-1.4671	0.0518649	0.462633	-2.16154	0.056067	0.470498	-2.12541
cg10549331	-1.13007	0.0324242	0.494946	-2.02042	0.219756	0.696007	-1.43677	0.0144304	0.428817	-2.332	0.281935	0.730499	-1.36893
cg05492433	1.13497	0.000667821	0.144617	-6.91479	0.465833	1.31733	1.31733	0.579215	1.23123	1.23123	0.449303	1.33151	1.33151
cg11567953	1.17316	0.599566	0.921173	-1.08557	0.286946	1.18693	1.18693	0.00503847	1.77694	1.77694	0.954437	1.00889	1.00889
cg17099048	-3.22623	0.00166671	0.0899884	-11.1125	0.209727	0.492684	-2.0297	0.0707746	0.339209	-2.94803	0.0598196	0.320719	-3.11799
cg10626625	-1.06147	0.122155	0.860031	-1.16275	0.627451	1.045	1.045	0.00313023	1.4385	1.4385	0.943063	0.993592	-1.00645
cg12304113	-2.20143	0.00283757	0.283278	-3.5301	0.0138695	2.5426	2.5426	0.000275542	0.160735	-6.22143	0.00755375	0.348238	-2.8716
cg19488785	-1.14111	8.88E-07	0.189712	-5.27114	0.70378	0.952505	-1.04986	5.50E-05	0.384304	-2.60211	0.374466	1.12313	1.12313
cg11507532	-1.1787	6.19E-06	0.111896	-8.93689	2.08E-05	0.155606	-6.4265	2.12E-06	0.0802474	-12.4615	0.0106402	0.498699	-2.00522
cg21768539	-4.93008	7.52E-07	0.088592	-11.2877	7.85E-05	0.272991	-3.66312	0.0127639	0.569836	-1.75489	0.295044	0.820858	-1.21824
cg02343715	-1.45834	0.222035	0.873449	-1.14489	0.275734	0.88733	-1.12698	1.84E-07	0.185307	-5.39645	0.32822	0.89907	-1.11226
cg22051146	-1.62561	0.00276596	0.482396	-2.07298	0.285757	0.82218	-1.21628	1.40E-05	0.20184	-4.95442	0.000315322	2.80366	2.80366
cg09579677	-1.36641	4.27E-06	0.165699	-6.03503	0.978498	1.00457	1.00457	0.0128019	0.592594	-1.68749	0.183691	0.787657	-1.26959
cg03475756	-3.35872	0.000840695	0.237299	-4.2141	0.00392807	0.329089	-3.0387	1.14E-05	0.0694257	-14.4039	0.0187491	0.442324	-2.26078
cg10570993	-1.14863	0.139575	0.649687	-1.5392	0.0863393	0.598113	-1.67192	1.54E-05	0.0883302	-11.3212	0.000730252	0.248349	-4.02659
cg05499376	1.17771	0.00032755	0.220598	-4.53313	0.000268269	0.210761	-4.74472	3.08E-05	0.120126	-8.32457	0.351068	0.778867	-1.28392
cg11577662	-2.36409	0.0918937	0.701671	-1.42517	0.457984	1.15523	1.15523	0.000846804	0.383707	-2.60615	0.789668	1.05237	1.05237
cg06938356	-1.45548	0.0755744	0.712645	-1.40322	0.271892	1.21638	1.21638	2.78E-05	0.243388	-4.10866	0.692907	1.07034	1.07034
cg11770816	1.09234	0.0560567	0.579662	-1.72514	0.22408	0.724821	-1.37965	0.000529393	0.25666	-3.89621	0.00244774	2.89282	2.89282
cg17590710	-2.98176	0.0110705	0.523366	-1.91071	0.0887566	1.46454	1.46454	0.00244692	0.424539	-2.35549	0.598189	0.897555	-1.11414
cg01290665	1.08287	0.762497	0.954216	-1.04798	0.730196	0.947877	-1.05499	5.96E-05	0.317242	-3.15217	0.192421	0.807891	-1.23779
cg24810933	1.64484	0.000826666	0.415213	-2.40841	0.107966	1.35815	1.35815	0.999138	1.00019	1.00019	0.237309	0.805668	-1.24121
cg26667699	-6.60709	0.483061	0.830762	-1.20371	0.268742	1.34933	1.34933	0.815957	1.06252	1.06252	0.0858569	1.63844	1.63844
cg00234625	1.0644	0.00431721	0.479838	-2.08404	0.0192622	1.7244	1.7244	0.0082116	0.521619	-1.91711	0.146488	1.34981	1.34981
cg08438091	-1.06247	0.00547853	0.30168	-3.31477	0.0271886	0.424106	-2.3579	0.000728862	0.185388	-5.39409	0.202137	1.55562	1.55562
cg18601334	1.0247	0.0515063	0.443971	-2.2524	0.0783024	0.488466	-2.04723	7.58E-05	0.0721136	-13.867	0.0113766	0.313302	-3.19181
cg18861753	-1.5457	0.0441956	0.320935	-3.1159	0.00506043	0.161665	-6.18563	0.00230019	0.123121	-8.12208	0.0157726	0.233555	-4.28164
cg06485308	1.27635	0.053228	0.328305	-3.04595	0.693868	0.818218	-1.22217	7.80E-05	0.0266353	-37.5442	0.810048	1.12989	1.12989
cg03727213	1.05652	0.856779	0.969848	-1.03109	0.390478	1.16082	1.16082	0.00565205	1.85039	1.85039	0.537979	1.11146	1.11146
cg13301423	-2.73807	0.00026995	0.18975	-5.2701	0.0409129	0.518673	-1.928	0.00775011	0.386179	-2.58947	0.419555	0.794967	-1.25791
cg03842822	-2.21228	0.00097616	0.259735	-3.85008	0.653638	1.13217	1.13217	0.00237537	0.312072	-3.20439	0.642146	0.879308	-1.13726
cg01157650	-1.28751	0.042104	0.465285	-2.14922	0.00722269	0.322186	-3.1038	0.0081316	0.330571	-3.02507	0.126876	0.583071	-1.71506
cg17444747	-3.0681	0.252532	0.625519	-1.59867	0.220356	0.603007	-1.65836	0.000343644	0.104123	-9.604	0.0740327	2.18484	2.18484
cg05008898	2.78112	0.220241	0.647688	-1.54395	0.0191108	2.60058	2.60058	0.330676	0.71302	-1.40249	0.00262491	4.0699	4.0699
cg01002242	-2.16561	0.24018	0.589423	-1.69658	0.062074	2.4669	2.4669	0.00128008	7.52699	7.52699	0.00485419	4.97985	4.97985
cg04510049	-1.24749	0.0605669	0.336741	-2.96964	0.244348	0.534457	-1.87106	0.00139282	0.0923131	-10.8327	0.650752	0.791016	-1.2642
cg21871330	-1.16655	0.000374293	0.384348	-2.60181	0.430574	1.14479	1.14479	0.721031	1.06212	1.06212	0.999648	0.999926	-1.00007
cg07841353	-1.30252	0.00513347	0.186462	-5.36303	0.167295	0.512312	-1.95194	0.000313388	0.0703265	-14.2194	0.090885	0.429035	-2.33081
cg24527008	-1.97138	0.0973651	0.654154	-1.52869	0.184055	1.38924	1.38924	0.445567	1.19891	1.19891	0.921051	0.977138	-1.0234
cg23285825	3.5665	0.0244416	6.26404	6.26404	0.0245979	6.24691	6.24691	0.00145654	23.2598	23.2598	0.0103581	9.11542	9.11542
cg01561304	-4.92788	0.00159504	0.0389804	-25.6539	0.102444	0.278014	-3.59695	0.00133664	0.0354343	-28.2213	0.803009	0.836076	-1.19606
cg07763376	1.82045	0.416667	1.51789	1.51789	0.0104555	5.05503	5.05503	0.00103389	11.5127	11.5127	0.0250937	3.81738	3.81738
cg03560256	1.01609	0.0163023	0.41736	-2.39601	0.72183	0.899107	-1.11221	0.00324431	0.30289	-3.30153	0.0113697	2.56691	2.56691
cg25153741	-5.61633	0.00117913	0.0214881	-46.5375	0.130126	0.267308	-3.741	0.00340188	0.0402427	-24.8492	0.594351	0.648065	-1.54305
cg09001527	-2.11032	0.0251236	0.246094	-4.06349	0.0703043	0.344776	-2.90044	0.000411517	0.0522418	-19.1418	0.190014	0.48164	-2.07624
cg08354401	-1.37794	0.110358	0.607202	-1.6469	0.015764	0.428157	-2.33559	0.0110352	0.400886	-2.49447	0.079715	1.74647	1.74647
cg10987720	2.09994	0.0141185	0.286455	-3.49094	0.627869	0.817418	-1.22336	0.00157891	0.1537	-6.50617	0.845613	0.922691	-1.08379
cg06768740	-1.01657	0.632291	1.05248	1.05248	0.103883	1.20765	1.20765	0.00302064	1.53927	1.53927	0.497016	1.07591	1.07591
cg25770135	-1.05603	0.00777808	0.156285	-6.39856	0.023497	0.230026	-4.34733	0.00364736	0.118155	-8.46345	0.00670869	0.148144	-6.75018
cg21120413	-1.77237	0.153616	0.71139	-1.4057	0.0682074	0.634345	-1.57643	0.126725	1.44513	1.44513	0.0400797	0.589311	-1.6969
cg00986130	1.32083	0.158101	0.612054	-1.63384	0.243538	1.48732	1.48732	0.00267968	0.259172	-3.85844	0.876564	0.950688	-1.05187
cg17781721	-1.47663	0.0144339	0.243689	-4.1036	0.0183544	0.261806	-3.81962	0.00440582	0.168604	-5.93104	0.0153464	0.248206	-4.02891
cg25376451	1.46718	0.505534	1.07048	1.07048	0.953	1.00596	1.00596	0.0216885	1.32028	1.32028	0.933811	0.991662	-1.00841
cg07729453	1.88503	0.00417116	0.20754	-4.81834	0.708728	0.857532	-1.16614	0.0616166	0.422201	-2.36854	0.910717	1.04702	1.04702
cg17731547	1.58082	0.0025566	0.454627	-2.1996	0.111511	1.3862	1.3862	0.86038	0.967376	-1.03372	0.83777	1.03938	1.03938
cg01970383	-5.99459	0.543889	0.785956	-1.27234	0.34679	1.46205	1.46205	0.42151	0.724746	-1.37979	0.0648262	2.2547	2.2547
cg23075480	2.18334	0.914888	0.945732	-1.05738	0.39422	1.57688	1.57688	0.00140936	0.0895736	-11.164	0.96332	0.976285	-1.02429
cg26993940	-1.50815	0.0231873	0.60947	-1.64077	0.165567	0.763528	-1.30971	0.587576	0.904925	-1.10506	0.719581	0.936344	-1.06798
cg22020813	1.15333	0.0021393	0.330341	-3.02718	0.311045	1.30887	1.30887	0.950862	1.01595	1.01595	0.474272	1.20548	1.20548
cg26996818	1.01066	0.0552887	0.550244	-1.81738	0.17752	0.674326	-1.48296	0.0833866	0.590384	-1.69381	0.420442	0.797461	-1.25398
cg10982964	-1.17243	0.121004	0.720677	-1.38758	0.699089	1.07861	1.07861	0.433936	1.1683	1.1683	0.924443	1.01865	1.01865
cg22437316	-2.388	0.00721471	0.337986	-2.9587	0.0926804	0.560555	-1.78394	0.0230008	0.427122	-2.34125	0.135963	0.604928	-1.65309
cg08378286	-1.74401	0.0191607	0.141506	-7.06684	0.0577683	0.227632	-4.39305	0.00274443	0.0577594	-17.3132	0.0186204	0.139748	-7.15571
cg07145979	-1.07879	0.00403221	0.390133	-2.56323	0.119422	0.662471	-1.5095	0.00378766	0.386021	-2.59053	0.914362	0.974127	-1.02656
cg13339881	1.02597	0.0194847	0.470829	-2.12391	0.0419684	1.86863	1.86863	0.332441	0.765896	-1.30566	0.14076	1.52597	1.52597
cg12194832	-1.44827	0.00220035	0.225305	-4.43843	0.130371	0.56712	-1.76329	0.802424	0.91664	-1.09094	0.782982	1.1006	1.1006
cg05206633	-1.47296	0.596727	0.903624	-1.10666	0.332596	1.20888	1.20888	0.102669	1.4034	1.4034	0.263527	0.80155	-1.24758
cg23300245	-1.77719	0.177483	0.690112	-1.44904	0.00507183	0.383353	-2.60856	0.00996556	0.430752	-2.32152	0.136577	0.660302	-1.51446
cg24830898	-1.95832	0.00654507	0.307248	-3.2547	0.380172	0.740276	-1.35085	0.00441718	0.28102	-3.55846	0.355591	0.728	-1.37363
cg06730250	1.23657	0.023361	0.537466	-1.86058	0.930436	1.02021	1.02021	0.00986488	0.473648	-2.11127	0.247302	1.31943	1.31943
cg25552435	1.15495	0.802848	0.958411	-1.04339	0.889014	1.02399	1.02399	0.00149822	0.459702	-2.17532	0.0705558	1.40941	1.40941
cg04927341	-1.82578	4.93E-05	0.123568	-8.09271	0.516687	1.19761	1.19761	0.000660551	0.239181	-4.18093	0.773216	1.08247	1.08247
cg18018694	-4.05868	0.00114676	0.0500002	-19.9999	0.00757038	0.116136	-8.6106	0.00212551	0.0668037	-14.9692	0.00340343	0.0825082	-12.12
cg00159159	-1.48068	0.00690359	0.338833	-2.9513	0.381075	0.757255	-1.32056	0.0487085	2.00726	2.00726	0.160428	0.628709	-1.59056
cg08276739	-1.49021	0.00775682	0.546527	-1.82974	0.111234	1.35874	1.35874	0.968534	1.00699	1.00699	0.464134	1.14071	1.14071
cg18917270	-1.28909	0.00208911	0.522266	-1.91473	0.718172	1.05587	1.05587	0.156208	1.2555	1.2555	0.704645	1.05879	1.05879
cg23717593	-1.99166	0.00208181	0.301238	-3.31963	0.0840188	1.69792	1.69792	0.0149469	0.436637	-2.29023	0.42745	0.799028	-1.25152
cg07247409	-1.17435	0.00131392	0.1555	-6.43086	0.0862321	0.470276	-2.12641	0.00115332	0.149449	-6.69124	0.539383	1.28058	1.28058
cg17223809	4.60016	0.0233163	7.09983	7.09983	0.0303077	6.30477	6.30477	0.00431357	15.7889	15.7889	0.0123792	9.50135	9.50135
cg21913319	4.24657	0.540717	0.444652	-2.24895	0.286997	4.24987	4.24987	0.00990639	71.1043	71.1043	0.00275269	222.851	222.851
cg24395801	2.22985	?	?	?	0.407951	3.19667	3.19667	0.0151161	68.1504	68.1504	0.0033147	316.157	316.157
cg07589824	-1.11735	0.969145	1.00834	1.00834	0.917269	1.02257	1.02257	0.00432968	2.26845	2.26845	0.828925	0.954583	-1.04758
cg07143532	19.7228	0.893643	1.33277	1.33277	0.388733	6.66558	6.66558	0.00263924	7603.35	7603.35	0.00786415	1515.18	1515.18
cg24700222	3.99697	0.816054	0.774579	-1.29102	0.568612	1.88068	1.88068	0.0176564	23.6644	23.6644	0.00200136	119.276	119.276
cg09264282	-1.41118	0.692525	0.746388	-1.33979	0.548269	1.56378	1.56378	0.0538849	5.00663	5.00663	0.00454128	16.1576	16.1576
cg05781609	1.55575	0.0451875	0.354723	-2.8191	0.550967	0.761771	-1.31273	0.0854072	0.424158	-2.35761	0.0171331	3.70777	3.70777
cg23531468	-3.28851	5.15E-05	0.262783	-3.80542	0.796129	0.955361	-1.04673	0.0652786	1.44051	1.44051	0.00189374	0.460011	-2.17386
cg25040353	-5.02903	0.0091692	0.30985	-3.22736	0.318209	0.693985	-1.44095	0.00145309	0.196176	-5.09746	0.379616	0.726769	-1.37595
cg26442903	-2.08124	0.0230521	0.574468	-1.74074	0.039416	0.615095	-1.62576	0.0796029	0.672459	-1.48708	0.000199723	0.279792	-3.57409
cg08760493	-2.59672	0.224582	0.786787	-1.27099	0.987468	1.00296	1.00296	0.00769359	1.90365	1.90365	0.792813	1.05073	1.05073
cg22266749	-1.39365	0.00301762	0.36002	-2.77762	0.408007	1.23695	1.23695	0.00260895	2.851	2.851	0.343471	0.782539	-1.27789
cg03500398	-1.34166	0.0684495	0.71882	-1.39117	0.884983	0.976846	-1.0237	0.000674706	2.31961	2.31961	0.422237	1.14189	1.14189
cg00112493	-1.5692	0.117252	0.616009	-1.62335	0.042825	1.9422	1.9422	0.382562	0.774927	-1.29044	0.119632	1.61744	1.61744
cg10237419	1.17168	0.472971	0.882055	-1.13372	0.677698	0.930661	-1.07451	0.000283166	0.360637	-2.77287	0.758232	1.05452	1.05452
cg14994944	-1.0833	0.86095	1.04134	1.04134	0.392397	1.22441	1.22441	0.00392144	0.4078	-2.45218	0.736114	1.08129	1.08129
cg21041751	1.02694	0.885547	1.03127	1.03127	0.180828	0.738026	-1.35497	0.00141571	2.68485	2.68485	0.833754	0.956059	-1.04596
cg05791136	1.2587	0.0167912	0.664282	-1.50538	0.26332	0.849206	-1.17757	0.184427	1.21815	1.21815	0.0794115	1.3138	1.3138
cg14779271	-2.64787	0.0478943	0.280207	-3.56879	0.131165	0.399818	-2.50114	0.00899438	0.154377	-6.47765	0.433409	0.637853	-1.56776
cg25088758	1.38029	0.237716	0.800457	-1.24929	0.00646274	0.528769	-1.89118	0.00438554	0.504276	-1.98304	0.265237	1.23236	1.23236

Probeset ID	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02827061	0.0187316	0.541656	-1.84619	11.4961	8.43358	0.652094	1
cg18618815	0.00287946	0.31894	-3.13539	11.2494	13.8468	1.09413	1
cg27604897	0.785042	1.02955	1.02955	10.3255	1.85564	0.159746	1
cg18405262	0.299692	0.818452	-1.22182	9.11592	5.01636	0.489143	1
cg05302100	0.147675	0.639826	-1.56293	8.37713	10.9648	1.16346	1
cg02186748	0.123569	0.552687	-1.80934	7.1376	14.286	1.77913	1
cg16781907	0.28863	0.700522	-1.42751	6.28488	10.392	1.46976	1
cg21847118	0.438585	0.818799	-1.2213	5.38326	5.45901	0.901397	1
cg24540710	0.0423904	0.544983	-1.83492	5.27521	5.63347	0.949257	1
cg14562086	0.51905	0.763591	-1.3096	4.61482	12.4439	2.39689	1
cg09852920	0.0146698	7.32316	7.32316	3.64116	25.3257	6.18257	1
cg22809726	0.156446	0.538671	-1.85642	3.50615	9.24868	2.34475	1
cg00060287	0.0636405	1.42515	1.42515	3.49474	1.59777	0.406393	1
cg14918650	0.00322612	0.543286	-1.84065	6.40778	2.33931	0.32451	1
cg24406898	0.714156	1.11425	1.11425	4.51448	6.18278	1.21737	1
cg05008825	0.31326	0.870792	-1.14838	3.6138	1.00708	0.247712	1
cg14340196	0.153336	0.765532	-1.30628	3.58386	1.73331	0.429904	1
cg25300386	0.00877406	6.03558	6.03558	3.90026	17.9169	4.08335	1
cg01779444	0.778911	0.965022	-1.03625	16.7844	4.25418	0.225298	1
cg21688209	0.00218536	4.52656	4.52656	13.5637	26.5189	1.7379	1
cg14992000	0.0077472	5.67478	5.67478	9.29129	37.9146	3.62726	1
cg21391133	0.472653	0.867081	-1.1533	5.93384	3.58269	0.536686	1
cg02240876	0.0353578	0.54408	-1.83796	5.43601	5.31202	0.868615	1
cg13079333	0.568127	0.911696	-1.09686	5.00411	2.03498	0.361478	1
cg08083599	0.532005	0.829896	-1.20497	4.37219	6.00777	1.22141	1
cg09966455	0.0918406	0.287613	-3.4769	3.89653	27.8209	6.3466	1
cg15380358	0.273551	0.779047	-1.28362	3.85311	2.93023	0.675987	1
cg12131279	0.353841	0.903595	-1.10669	3.73772	0.66853	0.158987	1
cg15278386	0.123242	0.387072	-2.5835	3.65351	18.698	4.54918	1
cg13327911	0.0119052	0.0838129	-11.9313	5.79902	57.2962	8.78251	1
cg05126887	0.00464394	23.2566	23.2566	4.6891	51.8671	9.83218	1
cg12751817	0.0444131	0.386372	-2.58818	4.3553	11.7036	2.38864	1
cg07143470	0.0312762	21.7684	21.7684	4.30123	101.246	20.9234	1
cg22935609	0.0189525	0.302199	-3.30907	4.02278	11.3007	2.49705	1
cg12569497	0.06171	3.76622	3.76622	3.83135	24.0963	5.59043	1
cg09966920	0.0576723	0.322985	-3.09612	3.56232	15.6414	3.90293	1
cg19304107	0.244187	1.40195	1.40195	24.118	29.3724	1.08254	1
cg27025995	0.364431	0.753652	-1.32687	11.7761	17.176	1.29648	1
cg05795449	0.00957039	1.38404	1.38404	9.79508	1.52235	0.138151	1
cg03396229	0.479491	0.737852	-1.35528	7.29005	20.6501	2.5179	1
cg16682329	0.70565	0.842662	-1.18672	6.50331	20.9634	2.86533	1
cg16407323	0.252815	0.573971	-1.74225	6.33194	21.6663	3.04155	1
cg18457731	0.0542731	0.467198	-2.14042	5.76324	11.0808	1.70903	1
cg10549331	0.012901	0.420236	-2.37961	5.204	6.50043	1.11033	1
cg05492433	0.0641204	0.461803	-2.16543	4.69915	10.2638	1.94149	1
cg11567953	0.494767	0.898122	-1.11343	4.28779	1.63116	0.33815	1
cg17099048	0.0580591	0.317546	-3.14915	4.04969	18.3909	4.03672	1
cg10626625	0.807379	1.02223	1.02223	3.42276	0.439122	0.11404	1
cg12304113	0.508884	0.814096	-1.22836	11.1906	16.6961	1.3262	1
cg19488785	0.164666	0.827923	-1.20784	46.6826	11.9964	0.228426	1
cg11507532	0.000120082	0.233087	-4.29025	43.5663	32.3803	0.660659	1
cg21768539	0.000337211	0.34975	-2.85919	42.6385	22.315	0.465203	1
cg02343715	0.10409	0.829157	-1.20604	32.0824	5.6476	0.156475	1
cg22051146	0.687465	0.931068	-1.07404	21.2836	10.5136	0.43909	1
cg09579677	0.0175361	0.613128	-1.63098	20.5878	9.33796	0.403172	1
cg03475756	0.000532921	0.213496	-4.68393	18.2199	23.6683	1.1547	1
cg10570993	0.000538765	0.232208	-4.30649	16.8454	19.6319	1.03592	1
cg05499376	0.0127051	0.446463	-2.23983	16.4436	17.6585	0.954565	1
cg11577662	0.198802	0.771623	-1.29597	11.245	6.49248	0.513213	1
cg06938356	0.118087	0.747794	-1.33727	10.3855	4.82453	0.412928	1
cg11770816	0.566385	1.15725	1.15725	10.3515	10.4099	0.893903	1
cg17590710	0.312903	0.808856	-1.23631	9.93482	6.49867	0.581449	1
cg01290665	0.291998	0.84446	-1.18419	9.89251	3.74599	0.336595	1
cg24810933	0.0276462	0.634782	-1.57534	9.54016	4.60292	0.42887	1
cg26667699	0.167474	1.46626	1.46626	8.7827	9.41065	0.952443	1
cg00234625	0.656318	0.917411	-1.09002	8.72317	5.11739	0.521461	1
cg08438091	0.0123385	0.359769	-2.77956	8.49398	14.4823	1.51557	1
cg18601334	0.00382273	0.239662	-4.17254	8.45927	17.9782	1.88912	1
cg18861753	0.90821	1.05834	1.05834	7.63136	29.2141	3.40281	1
cg06485308	0.052106	0.32611	-3.06645	7.59023	30.9188	3.62088	1
cg03727213	0.00366835	0.513889	-1.94594	7.49216	3.40788	0.40432	1
cg13301423	0.0220173	0.465715	-2.14723	7.47477	9.16331	1.08969	1
cg03842822	0.086822	0.594649	-1.68167	7.41125	8.86622	1.06339	1
cg01157650	0.0660977	0.50989	-1.96121	7.14422	12.078	1.50275	1
cg17444747	0.217129	0.600646	-1.66487	7.02311	17.1402	2.16938	1
cg05008898	0.0994429	1.83777	1.83777	6.56335	11.8044	1.59869	1
cg01002242	0.289859	1.60353	1.60353	6.35489	18.5962	2.60113	1
cg04510049	0.480263	0.691353	-1.44644	6.26145	26.24	3.72508	1
cg21871330	0.054875	0.693541	-1.44188	6.0528	2.70799	0.397685	1
cg07841353	0.245014	0.575506	-1.7376	5.94955	19.4507	2.90603	1
cg24527008	0.00489739	0.418985	-2.38672	5.94542	5.12507	0.76624	1
cg23285825	0.0170847	7.31269	7.31269	5.62307	41.7106	6.59356	1
cg01561304	0.0575312	0.214693	-4.65782	5.59221	45.4424	7.22313	1
cg07763376	0.0659472	2.82119	2.82119	5.52853	22.1304	3.55817	1
cg03560256	0.630331	1.15519	1.15519	5.48882	7.69443	1.24608	1
cg25153741	0.0548717	0.172547	-5.79552	5.16721	53.2952	9.16811	1
cg09001527	0.0908505	0.375147	-2.66562	5.07205	22.2537	3.90001	1
cg08354401	0.944591	1.02013	1.02013	4.92505	6.41255	1.15736	1
cg10987720	0.389882	0.695129	-1.43858	4.8524	13.0915	2.39818	1
cg06768740	0.0426094	0.780611	-1.28105	4.84911	0.864542	0.158479	1
cg25770135	0.301958	0.559447	-1.78748	4.82062	22.5205	4.15263	1
cg21120413	0.434183	0.837052	-1.19467	4.7382	3.72833	0.699436	1
cg00986130	0.0343828	2.23188	2.23188	4.61596	7.73763	1.49003	1
cg17781721	0.0485819	0.348173	-2.87214	4.41264	15.3267	3.08744	1
cg25376451	0.713013	1.03794	1.03794	4.28496	0.689631	0.14306	1
cg07729453	0.111433	0.491576	-2.03427	4.22186	11.2168	2.36164	1
cg17731547	0.334228	0.828921	-1.20639	4.13835	2.32631	0.499675	1
cg01970383	0.481665	1.32366	1.32366	4.13657	10.0704	2.16398	1
cg23075480	0.0854666	0.370761	-2.69715	4.10421	17.7054	3.83464	1
cg26993940	0.146043	0.752235	-1.32937	4.06011	2.14026	0.468571	1
cg22020813	0.125322	0.65309	-1.53118	4.05408	4.23444	0.928434	1
cg26996818	0.521722	1.19549	1.19549	4.04985	4.84936	1.06437	1
cg10982964	0.21822	0.776996	-1.28701	3.98277	2.39405	0.534314	1
cg22437316	0.0610584	0.516651	-1.93554	3.95518	6.13065	1.37781	1
cg08378286	0.0579478	0.227935	-4.38721	3.92884	29.6137	6.7	1
cg07145979	0.031581	0.541035	-1.84831	3.92423	3.69072	0.835997	1
cg13339881	0.640532	1.13366	1.13366	3.80777	4.2911	1.00172	1
cg12194832	0.86435	1.06116	1.06116	3.77569	7.20766	1.69686	1
cg05206633	0.0242443	0.600621	-1.66494	3.76904	2.15006	0.507069	1
cg23300245	0.014236	0.457257	-2.18696	3.73468	3.96145	0.94286	1
cg24830898	0.222761	0.651807	-1.5342	3.456	6.10857	1.57114	1
cg06730250	0.424684	1.20542	1.20542	3.4051	2.83197	0.739274	1
cg25552435	0.191216	0.790583	-1.26489	3.67547	1.67852	0.40594	1
cg04927341	0.000977362	0.260531	-3.83832	13.4264	15.9957	1.05899	1
cg18018694	0.00553904	0.101843	-9.81904	8.60139	53.5042	5.52925	1
cg00159159	0.000675798	0.200177	-4.99557	8.23859	12.4983	1.34849	1
cg08276739	0.000836529	2.43066	2.43066	7.59053	3.75333	0.439534	1
cg18917270	0.000495264	0.441359	-2.26573	7.46814	2.66138	0.316769	1
cg23717593	0.0329701	0.501279	-1.9949	6.30096	7.65212	1.0795	1
cg07247409	0.77312	0.891321	-1.12193	6.18276	15.512	2.23014	1
cg17223809	0.0195464	7.69429	7.69429	5.31667	44.0278	7.36096	1
cg21913319	0.0110341	64.8603	64.8603	4.53858	123.11	24.1114	1
cg24395801	0.0111596	91.2169	91.2169	4.95109	127.737	22.5748	1
cg07589824	0.482117	0.85774	-1.16585	4.37712	3.19837	0.649513	1
cg07143532	0.00815705	1438.47	1438.47	4.29047	313.371	64.9233	1
cg24700222	0.0155551	25.8527	25.8527	4.00772	76.2729	16.9169	1
cg09264282	0.0145461	9.16332	9.16332	3.52347	30.227	7.62556	1
cg05781609	0.917949	1.04757	1.04757	3.49374	11.2562	2.86384	1
cg23531468	0.0134295	0.582793	-1.71587	18.8278	9.27666	0.437966	1
cg25040353	0.0560093	0.464657	-2.15213	8.02596	15.9374	1.7651	1
cg26442903	0.00231428	0.419781	-2.38219	7.68233	5.06116	0.585605	1
cg08760493	0.0317448	0.622981	-1.60519	7.47835	4.1852	0.49746	1
cg22266749	0.252721	1.3501	1.3501	6.98747	6.98677	0.888801	1
cg03500398	0.0463801	1.44672	1.44672	6.2687	2.60073	0.368778	1
cg00112493	0.176409	1.50568	1.50568	5.9802	7.67959	1.14148	1
cg10237419	0.251286	1.22886	1.22886	5.39182	2.52445	0.416178	1
cg14994944	0.974279	1.00748	1.00748	5.32688	4.50434	0.751633	1
cg21041751	0.274992	0.784414	-1.27484	4.51615	3.26936	0.64349	1
cg05791136	0.0160187	1.51173	1.51173	4.17955	1.30055	0.276595	1
cg14779271	0.0802231	0.335661	-2.9792	3.49043	17.4905	4.4542	1
cg25088758	0.349849	1.18907	1.18907	6.02962	3.09237	0.455878	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10074544	COL25A1;COL25A1;COL25A1;COL25A1	0.043502	0.0375704	1.29434	1.29434	0.162048	1.1731	1.1731	0.0056232	1.47506	1.47506	0.982964	0.997719	-1.00229	0.278115	0.886383	-1.12818
cg02441747	COL25A1;COL25A1;COL25A1;COL25A1	0.044831	0.91101	0.986597	-1.01359	0.657006	0.94749	-1.05542	0.344386	1.12473	1.12473	0.0372019	1.339	1.339	0.425504	1.1032	1.1032
cg14527645	COL27A1	0.0126525	0.99945	1.00009	1.00009	0.00326089	1.70836	1.70836	0.571293	1.07938	1.07938	0.0644181	0.757754	-1.31969	0.383683	0.887573	-1.12667
cg14579546	COL27A1	0.0164243	0.0257549	0.724115	-1.381	0.156566	0.831338	-1.20288	0.0640845	1.28871	1.28871	0.909602	0.986251	-1.01394	0.581739	1.07017	1.07017
cg13391488	COL27A1	0.0220999	0.115704	0.546101	-1.83116	0.0573437	2.13962	2.13962	0.273718	1.49626	1.49626	0.322526	1.43554	1.43554	0.855548	0.937564	-1.06659
cg13427810	COL27A1	0.0322433	0.106218	0.415821	-2.40488	0.0164502	0.232701	-4.29736	0.0441241	0.31654	-3.15916	0.103706	0.412702	-2.42306	0.101357	0.409741	-2.44057
cg14614881	COL27A1	0.0326235	0.0297818	0.513025	-1.94922	0.265756	1.35346	1.35346	0.0498572	0.557784	-1.79281	0.0113251	0.437083	-2.2879	0.0161551	0.463922	-2.15554
cg10275917	COL28A1	0.00180741	0.0105367	0.473279	-2.11292	0.0332141	1.78365	1.78365	0.0934602	0.65124	-1.53553	0.0242955	0.535738	-1.86658	0.000225118	0.240158	-4.16392
cg22751099	COL28A1	0.00484095	0.48885	0.908117	-1.10118	0.0311973	0.707105	-1.41422	0.678387	1.05882	1.05882	0.337719	0.873302	-1.14508	0.000511996	0.475392	-2.10353
cg08897010	COL28A1	0.0127334	0.697893	0.893892	-1.1187	0.512298	1.21059	1.21059	0.0390132	0.503059	-1.98784	0.096197	0.591363	-1.69101	0.00237458	0.295665	-3.3822
cg12022102	COL29A1;COL29A1	3.91E-07	0.375507	0.882448	-1.13321	6.86E-07	0.156411	-6.39343	4.92E-05	0.350388	-2.85398	3.83E-05	0.337659	-2.96157	2.28E-06	0.204685	-4.88557
cg23083277	COL29A1;COL29A1	0.00165839	0.663893	1.10742	1.10742	0.00526922	2.35968	2.35968	0.0436721	0.582053	-1.71806	0.475177	0.844118	-1.18467	0.00313692	0.389685	-2.56617
cg19847554	COL29A1;COL29A1	0.00174185	0.181944	0.734964	-1.36061	0.399804	0.829167	-1.20603	0.0270485	0.566145	-1.76633	0.011594	0.50362	-1.98562	0.00014158	0.240045	-4.16588
cg27301649	COL29A1;COL29A1	0.00186814	0.000915406	0.348191	-2.87198	0.00834289	0.48787	-2.04973	0.000427629	0.305109	-3.27752	0.0426284	0.608396	-1.64367	0.0174764	0.540166	-1.85128
cg08963132	COL29A1;COL29A1	0.00199899	0.0550158	0.523271	-1.91106	0.002131	3.61379	3.61379	0.897674	0.962425	-1.03904	0.0521198	0.518066	-1.93026	0.121707	1.64775	1.64775
cg20542822	COL29A1;COL29A1	0.00250873	0.149191	0.656916	-1.52226	0.00988708	0.412501	-2.42424	0.00656342	0.383218	-2.60948	0.00341752	0.339361	-2.94672	0.00578253	0.374446	-2.67061
cg06214857	COL29A1;COL29A1	0.00390402	0.416026	0.792057	-1.26254	0.0284362	0.484194	-2.06529	0.00420338	0.34125	-2.9304	0.0333586	0.497912	-2.00839	0.355897	1.30514	1.30514
cg11427377	COL29A1;COL29A1	0.00442691	0.0051948	0.598326	-1.67133	0.00499626	0.596116	-1.67752	0.0165506	0.665221	-1.50326	0.0313865	0.703603	-1.42126	0.0026027	0.559428	-1.78754
cg18090577	COL29A1;COL29A1	0.016993	0.602485	1.14717	1.14717	0.818602	0.941741	-1.06186	0.957051	1.01417	1.01417	0.064992	0.581919	-1.71845	0.0326918	0.520472	-1.92133
cg10592710	COL29A1;COL29A1	0.0215488	0.00860076	0.158871	-6.2944	0.0461314	0.285229	-3.50595	0.0684309	0.326305	-3.06462	0.048497	0.290133	-3.4467	0.0364719	0.26326	-3.79852
cg24315710	COL29A1;COL29A1	0.0268244	0.03228	0.203788	-4.90705	0.109305	0.330277	-3.02776	0.0522105	0.246341	-4.05941	0.0485516	0.23939	-4.17728	0.0291604	0.19575	-5.10855
cg15571423	COL29A1;COL29A1	0.040032	0.386879	1.49633	1.49633	0.351934	0.647095	-1.54537	0.0358306	0.32968	-3.03324	0.30767	0.618905	-1.61576	0.996648	1.00191	1.00191
cg16204009	COL29A1;COL29A1;COL29A1	9.53E-05	0.0495812	1.2926	1.2926	0.325569	1.12332	1.12332	0.693862	0.95569	-1.04636	0.812122	1.02765	1.02765	0.847865	1.02225	1.02225
cg11721803	COL2A1;COL2A1	4.38E-06	0.047255	0.750345	-1.33272	0.48518	1.09389	1.09389	5.20E-08	10.7809	10.7809	0.214325	0.847548	-1.17987	0.0291081	0.72226	-1.38454
cg07561017	COL2A1;COL2A1	9.13E-06	0.0242167	0.662108	-1.51033	0.512612	0.903113	-1.10728	8.95E-08	14.7407	14.7407	0.611997	0.924505	-1.08166	0.0885317	0.749497	-1.33423
cg12235144	COL2A1;COL2A1	1.31E-05	0.202256	1.29292	1.29292	0.128163	1.36865	1.36865	1.50E-07	22.8883	22.8883	0.788747	0.950047	-1.05258	0.070193	0.679607	-1.47144
cg01291404	COL2A1;COL2A1	3.80E-05	0.662274	1.12918	1.12918	0.971105	0.990037	-1.01006	5.95E-06	16.6022	16.6022	0.000143855	6.11466	6.11466	0.00259627	3.16951	3.16951
cg20255775	COL2A1;COL2A1	4.66E-05	0.203552	0.759075	-1.31739	0.154538	0.731249	-1.36752	4.04E-07	19.4572	19.4572	0.957682	0.98916	-1.01096	0.652621	0.911132	-1.09754
cg17054969	COL2A1;COL2A1	0.000244304	0.23637	1.50185	1.50185	0.839844	0.935825	-1.06858	3.15E-06	37.4702	37.4702	0.82634	1.07468	1.07468	0.404314	0.756008	-1.32274
cg17342302	COL2A1;COL2A1	0.000322681	0.307961	0.704074	-1.4203	0.0608029	0.49523	-2.01926	5.25E-06	31.0646	31.0646	0.725158	0.889263	-1.12453	0.676447	1.14975	1.14975
cg08715466	COL2A1;COL2A1	0.000640924	0.338071	0.849698	-1.17689	2.61E-05	0.253326	-3.94749	0.0237382	1.5608	1.5608	0.689463	1.06849	1.06849	0.939852	1.01252	1.01252
cg03495195	COL2A1;COL2A1	0.000952503	0.0549251	0.816501	-1.22474	0.000129936	0.538449	-1.85719	0.00349717	1.44627	1.44627	0.101437	1.18178	1.18178	0.0552584	0.816786	-1.22431
cg19426944	COL2A1;COL2A1	0.0011939	0.891869	0.951828	-1.05061	0.3636	1.40343	1.40343	7.88E-05	13.3434	13.3434	0.812701	1.08998	1.08998	0.0245754	0.378341	-2.64312
cg22861561	COL2A1;COL2A1	0.00164802	0.853823	1.12624	1.12624	0.0658017	3.78373	3.78373	0.00119476	21.3482	21.3482	0.00517405	10.7985	10.7985	0.885758	1.0971	1.0971
cg15791105	COL2A1;COL2A1	0.00216889	0.0942104	0.677934	-1.47507	0.936662	1.01693	1.01693	0.13985	0.714908	-1.39878	0.508483	1.15224	1.15224	0.000538661	0.320723	-3.11796
cg13565575	COL2A1;COL2A1	0.00234661	0.764532	0.911858	-1.09666	0.405341	0.76989	-1.29889	0.000106487	8.17259	8.17259	0.0885697	1.78082	1.78082	0.380064	1.31861	1.31861
cg07650504	COL2A1;COL2A1	0.00335567	0.0161551	0.536184	-1.86503	0.0361002	0.596764	-1.6757	0.000545796	3.11972	3.11972	0.0807611	1.50705	1.50705	0.135974	0.71157	-1.40534
cg19066141	COL2A1;COL2A1	0.00424277	0.0517843	1.2883	1.2883	0.0281968	1.34529	1.34529	0.147274	1.19482	1.19482	0.0141541	1.41411	1.41411	0.727544	1.04084	1.04084
cg13554901	COL2A1;COL2A1	0.0263894	0.649228	0.933353	-1.07141	0.834431	1.03203	1.03203	0.410666	1.1351	1.1351	0.0920504	1.32224	1.32224	0.579677	0.919188	-1.08792
cg12120327	COL2A1;COL2A1	0.0314536	0.226748	0.475683	-2.10224	0.691077	0.791483	-1.26345	0.000900084	18.3362	18.3362	0.249098	0.493981	-2.02437	0.353664	0.57196	-1.74837
cg20770175	COL3A1	0.00060035	0.00794293	0.424659	-2.35483	0.334591	0.778478	-1.28456	0.000172358	0.200759	-4.98111	0.000881733	0.285249	-3.50571	6.69E-05	0.159074	-6.2864
cg23502162	COL3A1	0.0210528	0.0140643	0.42326	-2.36262	0.154268	0.648875	-1.54113	0.0056544	0.357075	-2.80053	0.0263052	0.473635	-2.11133	0.00409719	0.335427	-2.98127
cg12923449	COL3A1	0.03073	0.944172	1.01967	1.01967	0.00483253	0.353601	-2.82805	0.00701273	0.379225	-2.63696	0.200608	0.686625	-1.4564	0.53231	0.838685	-1.19234
cg01942023	COL3A1	0.0486542	0.313182	0.778297	-1.28486	0.567052	0.870214	-1.14914	0.139212	0.682226	-1.46579	0.00115904	0.317726	-3.14736	0.754424	0.927375	-1.07831
cg23814223	COL4A1	0.000211764	0.0943941	0.816122	-1.22531	4.26E-06	0.30915	-3.23467	0.0545371	0.785817	-1.27256	0.0323464	0.758122	-1.31905	0.00319024	0.640853	-1.56042
cg20917241	COL4A1	0.000669634	0.0140179	0.272344	-3.67183	0.27475	0.614325	-1.6278	0.462916	0.72588	-1.37764	0.00166703	0.145424	-6.87642	0.0190647	0.296213	-3.37595
cg02673355	COL4A1	0.0013208	0.838494	0.966365	-1.03481	0.995623	1.00092	1.00092	0.94537	0.988577	-1.01155	0.217968	0.804724	-1.24266	0.528313	1.11305	1.11305
cg14311251	COL4A1	0.00137485	0.915301	1.01414	1.01414	0.000463268	0.483295	-2.06913	0.0143095	0.67119	-1.48989	0.0272733	1.41176	1.41176	0.538853	0.921148	-1.0856
cg18792803	COL4A1	0.00184838	0.0071315	0.435219	-2.2977	0.116614	0.664885	-1.50402	0.001601	0.338336	-2.95564	0.00057898	0.279615	-3.57634	0.599163	0.880764	-1.13538
cg02558625	COL4A1	0.00185424	0.488324	0.858774	-1.16445	0.388652	1.21054	1.21054	0.000275643	0.27584	-3.62529	0.0136835	0.517164	-1.93362	0.00414101	0.435466	-2.29639
cg12081643	COL4A1	0.00401009	0.00388543	0.207093	-4.82875	0.0556198	0.415489	-2.4068	0.0121116	0.281798	-3.54864	0.0170499	0.307955	-3.24723	0.000915	0.134415	-7.43967
cg04296187	COL4A1	0.00464672	0.134271	0.729019	-1.37171	0.000189968	0.291908	-3.42574	0.0104449	0.532069	-1.87945	0.690124	0.92456	-1.0816	0.149397	1.35333	1.35333
cg04887675	COL4A1	0.00959626	0.023968	0.375942	-2.65999	0.722132	0.878359	-1.13849	0.0336606	0.406086	-2.46253	0.350217	0.705201	-1.41803	0.277109	0.663261	-1.5077
cg21478902	COL4A1	0.0113856	0.00762789	0.196484	-5.08948	0.437176	1.45639	1.45639	0.716326	1.18899	1.18899	0.559243	0.755698	-1.32328	0.00574457	0.179557	-5.56925
cg10908116	COL4A1	0.0114613	0.0190564	0.131962	-7.57794	0.00810445	0.0889748	-11.2391	0.0556337	0.212736	-4.70065	0.60811	1.44642	1.44642	0.012247	0.107861	-9.27123
cg18120564	COL4A1	0.011754	0.947908	1.01331	1.01331	0.0086722	0.508215	-1.96767	0.499246	0.870432	-1.14885	0.519755	1.14113	1.14113	0.00340292	0.446905	-2.23761
cg02099572	COL4A1	0.0134835	0.0628665	0.112308	-8.90411	0.0125513	0.039018	-25.6292	0.0701136	0.120568	-8.29404	0.366503	2.63606	2.63606	0.020048	0.0533171	-18.7557
cg23008352	COL4A1	0.0167382	0.828926	1.0567	1.0567	0.00575488	2.51516	2.51516	0.0177315	0.479555	-2.08527	0.0208109	0.492104	-2.03209	0.929939	1.02266	1.02266
cg07724793	COL4A1	0.0185318	0.56568	1.09914	1.09914	0.0151267	1.62565	1.62565	0.968748	0.993642	-1.0064	0.0077227	0.572862	-1.74562	0.358427	0.857499	-1.16618
cg16436782	COL4A1	0.0212333	0.0717824	0.551405	-1.81355	0.0975548	0.583705	-1.71319	0.00319883	0.30367	-3.29305	0.00250574	0.288418	-3.4672	0.0947217	0.580505	-1.72264
cg19005390	COL4A1	0.0223286	0.0193326	0.196358	-5.09274	0.171373	0.432576	-2.31173	0.142391	0.403558	-2.47796	0.0227151	0.208195	-4.80318	0.011073	0.159895	-6.25409
cg03499905	COL4A1	0.0230927	0.414963	1.42921	1.42921	0.00116502	7.71715	7.71715	0.0229584	3.20879	3.20879	0.579216	1.27133	1.27133	0.0546781	0.392942	-2.5449
cg20818806	COL4A1	0.0291856	0.0265693	0.146756	-6.81401	0.0530624	0.200957	-4.97618	0.101471	0.270092	-3.70244	0.679883	1.35376	1.35376	0.016255	0.117018	-8.54568
cg02658690	COL4A1	0.0297693	0.0384389	0.114885	-8.70433	0.0286993	0.0974809	-10.2584	0.0475399	0.129415	-7.72706	0.912219	1.10461	1.10461	0.0243731	0.0888837	-11.2507
cg19794013	COL4A1	0.0299719	0.131046	0.633357	-1.57889	0.0332009	0.497877	-2.00853	0.266044	0.722778	-1.38355	0.189364	0.67742	-1.47619	0.00242115	0.306332	-3.26443
cg25424029	COL4A1	0.0377624	0.0168664	0.122929	-8.1348	0.00524238	0.0708222	-14.1199	0.202615	0.380166	-2.63043	0.385409	0.527398	-1.8961	0.0158719	0.119554	-8.36443
cg05656497	COL4A1	0.0393213	0.0760627	0.272696	-3.66709	0.0054481	0.090115	-11.0969	0.0212996	0.161741	-6.18273	0.593786	0.701621	-1.42527	0.0315421	0.190184	-5.25808
cg17880118	COL4A1	0.0401996	0.406924	0.748837	-1.3354	0.830863	0.929671	-1.07565	0.103378	0.54481	-1.8355	0.0579862	0.481609	-2.07637	0.00509905	0.283126	-3.532
cg05265414	COL4A1	0.0472015	0.976672	0.995696	-1.00432	0.0290292	1.46166	1.46166	0.485668	1.11015	1.11015	0.963978	1.00668	1.00668	0.321384	1.16313	1.16313
cg24438749	COL4A1	0.0473277	0.196062	0.819458	-1.22032	0.744105	1.04886	1.04886	0.674802	0.940393	-1.06339	0.0290326	0.687444	-1.45466	0.0305248	0.690585	-1.44805
cg25682171	COL4A1	0.0479989	0.0428676	0.176584	-5.66302	0.0353714	0.161563	-6.18953	0.0625499	0.210274	-4.75569	0.297468	2.23354	2.23354	0.0433965	0.177588	-5.63103
cg15262516	COL4A1;COL4A2	2.42E-05	4.34E-06	0.30797	-3.24706	0.000330238	0.525075	-1.90449	0.000308291	0.521592	-1.91721	0.00488815	0.660669	-1.51362	0.0014485	0.599646	-1.66765
cg24089600	COL4A1;COL4A2	0.00242933	0.149673	1.54229	1.54229	0.0171816	2.25794	2.25794	0.909216	0.968511	-1.03251	0.321601	1.33272	1.33272	0.920883	1.02826	1.02826
cg26875813	COL4A1;COL4A2	0.00389044	0.00753787	0.474253	-2.10858	0.00180485	0.381778	-2.61932	0.00237711	0.398827	-2.50735	0.0180482	0.53621	-1.86494	0.0232243	0.555059	-1.80161
cg25530246	COL4A1;COL4A2	0.0116274	0.0138599	0.434791	-2.29996	0.321469	0.755367	-1.32386	0.482803	1.21575	1.21575	0.00476092	0.35822	-2.79158	0.00159528	0.289186	-3.45798
cg27546237	COL4A1;COL4A2	0.0150018	0.366623	1.23971	1.23971	0.59126	1.13382	1.13382	0.474057	0.84478	-1.18374	0.138438	1.44708	1.44708	0.979874	1.00586	1.00586
cg15871127	COL4A1;COL4A2	0.0317394	0.87896	1.02061	1.02061	0.00330029	1.70895	1.70895	0.484979	1.09966	1.09966	0.82128	0.970162	-1.03076	0.943537	0.990562	-1.00953
cg22757824	COL4A1;COL4A2	0.0428967	0.887727	0.980746	-1.01963	0.137843	1.24597	1.24597	0.00747149	1.60642	1.60642	0.188504	0.825507	-1.21138	0.277517	0.856051	-1.16815
cg05063632	COL4A2	1.85E-05	7.01E-06	0.13036	-7.67104	0.0389344	1.63193	1.63193	0.795056	0.948064	-1.05478	0.0107987	0.51889	-1.92719	4.97E-06	0.118489	-8.43961
cg24384882	COL4A2	4.84E-05	0.0965915	0.804393	-1.24317	0.962465	1.00563	1.00563	8.13E-06	0.31246	-3.20041	0.297648	0.879125	-1.13749	0.00104567	1.78405	1.78405
cg07771477	COL4A2	0.000126846	0.623848	0.902219	-1.10838	0.000341416	0.300933	-3.323	2.20E-06	0.0895749	-11.1638	0.7228	1.07697	1.07697	0.492695	0.864982	-1.15609
cg14059959	COL4A2	0.00018422	0.281904	0.822951	-1.21514	2.95E-05	0.240203	-4.16314	0.791885	1.04716	1.04716	0.528618	0.894724	-1.11766	4.12E-05	0.256115	-3.90449
cg10076730	COL4A2	0.00028945	0.0256002	0.644833	-1.55079	0.000737651	2.33547	2.33547	0.00378034	1.90879	1.90879	0.0742916	0.71962	-1.38962	3.06E-05	0.259904	-3.84757
cg08949329	COL4A2	0.000342037	0.551996	0.887787	-1.1264	0.00154902	2.46051	2.46051	0.461484	1.15985	1.15985	0.409999	0.846482	-1.18136	1.43E-05	0.16753	-5.96908
cg14416316	COL4A2	0.000495556	0.169723	1.15636	1.15636	0.112755	0.842428	-1.18704	0.00426156	0.683966	-1.46206	0.00711641	1.41242	1.41242	0.00335059	1.4866	1.4866
cg16522557	COL4A2	0.000687075	0.764087	1.0758	1.0758	0.00245885	0.359709	-2.78003	0.000130842	0.199514	-5.01217	0.00168426	0.336314	-2.97342	0.000304198	0.240608	-4.15613
cg24995674	COL4A2	0.000995116	0.926364	0.989279	-1.01084	0.00128645	1.72826	1.72826	0.00378466	1.57701	1.57701	0.157907	0.838575	-1.1925	0.00835784	0.675066	-1.48134
cg08009184	COL4A2	0.0015498	0.144169	0.77492	-1.29046	0.00266825	1.96416	1.96416	0.00239988	1.98864	1.98864	0.113623	0.755942	-1.32285	0.011731	0.599474	-1.66813
cg11241684	COL4A2	0.00171248	0.000933199	2.01803	2.01803	0.0156073	0.656148	-1.52405	0.083121	0.761347	-1.31346	0.277464	0.851701	-1.17412	0.0418681	1.39559	1.39559
cg22232704	COL4A2	0.0018698	0.288411	1.37502	1.37502	0.0448801	1.94494	1.94494	0.0627759	0.546076	-1.83125	0.00622976	0.356886	-2.80202	0.420818	0.788483	-1.26826
cg20450058	COL4A2	0.00229655	0.247174	0.592809	-1.68688	0.00922228	4.17141	4.17141	0.303906	0.631202	-1.58428	0.981173	0.989855	-1.01025	0.00209173	0.153984	-6.4942
cg00994389	COL4A2	0.00234152	0.270768	0.880419	-1.13582	0.00307742	0.624425	-1.60147	0.0210742	1.37082	1.37082	0.104244	1.21993	1.21993	0.0386538	1.31072	1.31072
cg08702745	COL4A2	0.00277571	0.000323524	0.24549	-4.07348	0.0505346	1.71298	1.71298	0.00892096	0.447734	-2.23347	0.155381	1.44369	1.44369	0.365836	0.798993	-1.25158
cg05272587	COL4A2	0.00319081	0.0292412	0.67859	-1.47364	0.383383	0.873786	-1.14445	0.980824	0.996379	-1.00363	0.0913862	0.755321	-1.32394	0.0136276	0.630884	-1.58508
cg22051925	COL4A2	0.00363969	0.0108303	0.803667	-1.2443	0.564002	0.960949	-1.04064	0.861609	0.988153	-1.01199	0.720948	0.975801	-1.0248	0.0302029	1.19013	1.19013
cg04815713	COL4A2	0.00376507	0.362223	0.90291	-1.10753	0.0112005	1.41428	1.41428	0.00304821	0.64235	-1.55678	0.0221503	0.74146	-1.34869	0.0515736	0.785332	-1.27335
cg17453252	COL4A2	0.00423529	0.342461	0.813659	-1.22902	0.231639	0.767581	-1.30279	0.0106708	0.508265	-1.96748	0.754406	0.935976	-1.0684	0.00239104	0.409697	-2.44083
cg22382805	COL4A2	0.00426186	0.448632	1.27375	1.27375	0.00452204	3.27257	3.27257	0.0663175	0.524468	-1.90669	0.009098	0.353989	-2.82495	0.830429	0.935006	-1.06951
cg25065689	COL4A2	0.00437955	0.87829	1.03343	1.03343	0.0122725	0.51206	-1.9529	0.118252	0.694933	-1.43899	0.371328	1.21771	1.21771	9.00E-05	0.222405	-4.4963
cg20079886	COL4A2	0.00446019	0.376258	0.872126	-1.14662	0.395203	0.877035	-1.14021	0.0187307	0.650987	-1.53613	0.0155727	1.56355	1.56355	0.353318	0.865971	-1.15477
cg13153710	COL4A2	0.0046457	0.990497	1.00169	1.00169	0.492719	0.90605	-1.10369	0.599547	0.927718	-1.07791	0.0280766	1.44393	1.44393	0.0357864	1.41332	1.41332
cg24844377	COL4A2	0.00482928	0.254821	0.818533	-1.2217	0.638355	1.083	1.083	0.428733	0.872787	-1.14576	0.403822	1.15474	1.15474	0.000121066	0.322735	-3.09852
cg03238714	COL4A2	0.00524167	0.789125	0.956743	-1.04521	0.123331	0.759292	-1.31702	0.0449589	0.684137	-1.4617	0.235293	0.814486	-1.22777	0.0227603	1.5678	1.5678
cg04393471	COL4A2	0.00575708	0.0906076	0.690923	-1.44734	0.0868999	0.687338	-1.45489	0.929759	1.01764	1.01764	0.498384	1.14602	1.14602	0.55153	0.887395	-1.12689
cg03482866	COL4A2	0.00603359	0.940577	0.981358	-1.019	0.03569	1.85345	1.85345	0.177491	1.43585	1.43585	0.97938	0.993497	-1.00655	0.00335496	0.365167	-2.73848
ch.13.1783356F	COL4A2	0.00785942	0.000667905	0.268736	-3.72112	0.416056	0.810768	-1.2334	0.990756	0.997081	-1.00293	0.0616282	0.587859	-1.70109	0.00136085	0.309333	-3.23276
cg26743132	COL4A2	0.00819984	0.00897087	0.478382	-2.09038	0.0120034	0.498956	-2.00418	0.0313523	0.571046	-1.75117	0.0377185	0.585819	-1.70701	0.00092354	0.333564	-2.99792
cg13742462	COL4A2	0.010247	0.916045	0.99048	-1.00961	0.0394062	0.805597	-1.24132	0.296315	1.10322	1.10322	0.65765	1.04129	1.04129	0.758439	0.972405	-1.02838
cg05167916	COL4A2	0.0109372	0.308434	0.756869	-1.32123	0.644139	0.88434	-1.13079	0.000983728	0.274019	-3.64938	0.221901	0.712306	-1.40389	0.000750463	0.258954	-3.86169
cg09286253	COL4A2	0.0110541	0.810325	1.05662	1.05662	0.0140591	2.00253	2.00253	0.532107	1.15599	1.15599	0.00941859	0.470536	-2.12523	0.0192384	0.522752	-1.91295
cg00894344	COL4A2	0.011807	0.0176457	1.97107	1.97107	0.313946	0.782855	-1.27738	0.876659	0.964148	-1.03719	0.599733	0.882958	-1.13256	0.00674301	2.28348	2.28348
cg04819250	COL4A2	0.0125617	0.96469	1.0061	1.0061	0.00411069	1.69672	1.69672	0.0316209	1.41357	1.41357	0.215473	0.836049	-1.1961	0.604665	1.07437	1.07437
cg25285236	COL4A2	0.01442	0.470569	0.915781	-1.09196	0.00430429	1.58019	1.58019	0.691161	1.04902	1.04902	0.203016	0.851236	-1.17476	0.108922	0.810954	-1.23311
cg16872841	COL4A2	0.0148438	0.925526	0.958269	-1.04355	0.198074	1.8593	1.8593	0.00761672	0.209205	-4.78	0.00800645	0.212383	-4.70847	0.0250126	0.296489	-3.37281
cg25205321	COL4A2	0.0214516	0.0436721	0.456421	-2.19096	0.22573	0.650333	-1.53767	0.934085	0.972411	-1.02837	0.180831	0.618443	-1.61696	0.203372	0.63502	-1.57475
cg08556772	COL4A2	0.0223855	0.951322	1.01432	1.01432	0.000697213	3.33601	3.33601	0.105479	1.5098	1.5098	0.516625	1.16553	1.16553	0.672946	1.10395	1.10395
cg21229079	COL4A2	0.0234276	0.941165	0.978619	-1.02185	0.0799735	1.7662	1.7662	0.23071	1.44506	1.44506	0.922983	1.02872	1.02872	0.000834696	0.229399	-4.35922
cg03930369	COL4A2	0.0259551	0.264117	1.40965	1.40965	0.0016641	3.769	3.769	0.825469	1.06731	1.06731	0.136656	0.623156	-1.60473	0.684217	0.886377	-1.12819
cg08318510	COL4A2	0.0263893	0.774393	1.11865	1.11865	0.861958	1.07026	1.07026	0.0342404	0.381434	-2.62168	0.190012	0.581852	-1.71865	0.486736	1.31746	1.31746
cg02100381	COL4A2	0.0277062	0.0061215	0.238252	-4.19724	0.445512	0.732107	-1.36592	0.0862406	0.467661	-2.1383	0.368301	0.690375	-1.44849	0.0103962	0.274215	-3.64677
cg17090754	COL4A2	0.0293586	0.302924	0.761832	-1.31263	0.284925	1.3273	1.3273	0.00405865	0.373998	-2.67381	0.265523	0.743947	-1.34418	0.035725	0.536328	-1.86453
cg09238199	COL4A2	0.0339216	0.257138	1.18439	1.18439	0.577414	1.08387	1.08387	0.139865	1.2552	1.2552	0.163928	0.808524	-1.23682	0.88705	1.02054	1.02054
cg21158935	COL4A2	0.0344144	0.0873081	1.41416	1.41416	0.245395	1.24987	1.24987	0.691773	1.07589	1.07589	0.584607	1.10665	1.10665	0.0248702	0.612525	-1.63259
cg06243866	COL4A2	0.0405035	0.772333	0.912532	-1.09585	0.982085	0.99294	-1.00711	0.250095	0.684394	-1.46115	0.0926267	0.557721	-1.79301	0.000844865	0.205259	-4.8719
cg12573318	COL4A2	0.0428065	0.707749	1.14412	1.14412	0.0168167	0.352404	-2.83765	0.743673	1.12447	1.12447	0.394509	0.732133	-1.36587	0.756661	0.894827	-1.11753
cg04859719	COL4A2	0.0456812	0.643841	0.896213	-1.11581	0.0718482	1.60478	1.60478	0.742231	0.925259	-1.08078	0.0488968	0.58901	-1.69776	0.00424532	0.406274	-2.46139
cg12267933	COL4A3;COL4A3;COL4A3;COL4A3	0.0493066	0.471428	1.21481	1.21481	0.00602273	0.385523	-2.59388	0.080522	0.597567	-1.67345	0.0928681	0.611939	-1.63415	0.107257	0.626895	-1.59516
cg22994281	COL4A3;COL4A3;COL4A3;COL4A3;COL4A4	0.000320893	0.222343	1.15279	1.15279	0.000784523	0.569541	-1.7558	0.000261403	0.51403	-1.94541	0.683781	0.955615	-1.04645	0.0349374	0.761484	-1.31323
cg22752008	COL4A3;COL4A3;COL4A3;COL4A3;COL4A4	0.00491462	0.389507	0.900291	-1.11075	0.00229969	1.66111	1.66111	0.000645181	1.86553	1.86553	0.766811	1.03606	1.03606	0.963597	1.00545	1.00545
cg06002370	COL4A3;COL4A3;COL4A3;COL4A3;COL4A4	0.0282824	0.80828	1.05112	1.05112	0.0862183	1.47511	1.47511	0.0234422	1.74225	1.74225	0.297603	0.801371	-1.24786	0.720219	0.9289	-1.07654
cg22388982	COL4A3;COL4A3;COL4A3;COL4A4;COL4A3	0.00280372	0.909936	1.01575	1.01575	0.354904	1.14048	1.14048	0.362254	0.878672	-1.13808	0.0130895	1.52972	1.52972	0.00830179	1.59372	1.59372
cg19865525	COL4A3;COL4A3;COL4A4;COL4A3;COL4A3	0.00543937	0.578823	0.770761	-1.29742	0.00635115	5.20532	5.20532	0.713322	1.1869	1.1869	0.0134552	0.241506	-4.14069	0.259368	0.579044	-1.72698
cg11797365	COL4A3;COL4A3;COL4A4;COL4A3;COL4A3	0.0243472	0.268568	0.800709	-1.24889	0.725374	1.07039	1.07039	0.432013	0.856697	-1.16727	0.0651461	0.670739	-1.49089	0.0801677	0.687695	-1.45413

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10074544	0.597225	0.944571	-1.05868	0.0732248	0.807639	-1.23818	0.432261	1.08949	1.08949	0.216429	1.14924	1.14924	3.57039	0.646665	0.160995	1
cg02441747	0.134284	1.21517	1.21517	0.523409	0.924918	-1.08118	0.00408079	1.59231	1.59231	0.0827193	0.793011	-1.26102	3.5305	0.814486	0.205067	1
cg14527645	0.130966	1.24326	1.24326	0.00365944	1.69001	1.69001	0.0895858	0.77889	-1.28388	0.447224	1.10897	1.10897	5.47836	1.54673	0.250964	1
cg14579546	0.0837618	0.791936	-1.26273	0.650914	0.945988	-1.0571	0.0017151	0.579511	-1.72559	0.115093	1.23225	1.23225	5.02699	1.18297	0.209176	1
cg13391488	0.692442	0.868793	-1.15102	0.00428302	0.258781	-3.86427	0.0125141	0.333178	-3.0014	0.132254	0.562859	-1.77664	4.54687	9.01345	1.76208	1
cg13427810	0.0270739	0.272086	-3.67531	0.0146639	0.224358	-4.45716	0.00430937	0.149816	-6.67487	0.281448	0.573053	-1.74504	3.98306	15.6064	3.48284	1
cg14614881	0.0372327	0.531996	-1.87971	0.848185	0.951212	-1.05129	0.04722	0.552894	-1.80866	0.242224	0.726561	-1.37635	3.96636	4.27877	0.958902	1
cg10275917	0.664294	0.903476	-1.10684	0.00130712	0.336923	-2.96803	0.204946	0.732782	-1.36466	0.00702977	0.444833	-2.24804	9.92994	8.49833	0.760736	1
cg22751099	0.393923	0.887187	-1.12716	0.0245993	1.44333	1.44333	0.0914657	1.29015	1.29015	0.00711581	0.620917	-1.61052	7.41131	2.20549	0.26452	1
cg08897010	0.904585	0.966103	-1.03509	0.0264492	2.13134	2.13134	0.656717	1.13727	1.13727	0.00927318	0.386966	-2.5842	5.46699	7.16015	1.16418	1
cg12022102	1.23E-05	0.281344	-3.55437	2.15E-06	0.202269	-4.94392	1.28E-07	0.0999907	-10.0009	1.25E-07	0.0993375	-10.0667	93.1505	27.8907	0.266147	1
cg23083277	0.0139124	0.492104	-2.03209	0.00363835	0.399278	-2.50452	0.00223259	2.71632	2.71632	0.353727	0.80038	-1.24941	10.1805	8.78081	0.76668	1
cg19847554	0.536439	0.87279	-1.14575	0.155646	1.39124	1.39124	0.705888	0.920902	-1.08589	0.00036211	0.288605	-3.46494	10.0369	7.50911	0.665025	1
cg27301649	0.15643	0.724157	-1.38092	0.000772546	0.338368	-2.95536	0.0267534	0.571933	-1.74846	0.00237763	0.405784	-2.46436	9.83514	7.06031	0.638103	1
cg08963132	0.00131496	0.248636	-4.02194	0.00202504	0.273664	-3.65411	0.0936858	1.73109	1.73109	0.655502	0.874881	-1.14301	9.64332	13.5336	1.24748	1
cg20542822	0.979253	1.00709	1.00709	0.635245	1.13862	1.13862	0.362492	0.775484	-1.28952	0.000152335	0.171223	-5.84034	9.02278	10.5464	1.03899	1
cg06214857	0.0461296	0.526861	-1.89803	0.0278434	0.482408	-2.07293	0.787798	0.927132	-1.0786	0.000152574	0.161809	-6.18013	7.91015	9.85241	1.10715	1
cg11427377	0.797732	0.964871	-1.03641	0.0126677	0.649542	-1.53955	0.00656645	0.611656	-1.6349	0.00142995	0.526138	-1.90064	7.61545	2.33862	0.272967	1
cg18090577	0.572095	0.861419	-1.16088	0.101547	0.625999	-1.59745	0.115108	0.639128	-1.56463	0.000423549	0.23246	-4.30182	4.97016	5.37426	0.961159	1
cg10592710	0.0115363	0.176515	-5.66526	0.0254818	0.232817	-4.29521	0.0251258	0.231692	-4.31607	0.00728957	0.149601	-6.68446	4.5864	21.892	4.24288	1
cg24315710	0.00828633	0.117454	-8.51398	0.19102	0.415438	-2.4071	0.0045308	0.0907506	-11.0192	0.0274504	0.191114	-5.23249	4.25138	27.1047	5.66712	1
cg15571423	0.199651	1.85093	1.85093	0.684292	0.830481	-1.20412	0.364376	0.654739	-1.52733	0.0017413	0.131525	-7.60313	3.68205	12.0397	2.90652	1
cg16204009	0.385269	1.10736	1.10736	0.616688	0.943823	-1.05952	1.20E-06	4.21332	4.21332	0.00454115	0.648487	-1.54205	22.4247	4.66136	0.184771	1
cg11721803	0.0225748	0.707844	-1.41274	0.0134189	0.678842	-1.4731	0.155055	1.21231	1.21231	0.183452	1.1955	1.1955	50.2265	12.734	0.22536	1
cg07561017	0.489661	0.897901	-1.11371	0.247278	0.830569	-1.20399	0.495149	1.11215	1.11215	0.570179	0.915707	-1.09205	41.537	15.4925	0.331538	1
cg12235144	0.0748666	0.684842	-1.46019	0.00604005	0.504416	-1.98249	0.133978	1.36123	1.36123	0.102122	1.4069	1.4069	37.8579	21.8314	0.512592	1
cg01291404	0.000169726	5.85803	5.85803	7.72E-06	15.0849	15.0849	0.00169473	3.45457	3.45457	0.0139597	2.3148	2.3148	28.6223	34.6399	1.07577	1
cg20255775	0.893448	0.97285	-1.02791	0.921946	0.980071	-1.02033	0.854411	1.03845	1.03845	0.895635	1.02732	1.02732	27.1144	18.117	0.593926	1
cg17054969	0.596158	1.19161	1.19161	0.0093267	0.33927	-2.9475	0.409813	1.31824	1.31824	0.541893	0.816777	-1.22432	17.3989	29.6068	1.51258	1
cg17342302	0.823473	1.07712	1.07712	0.705435	0.881383	-1.13458	0.0113399	0.348504	-2.86941	0.544383	0.815462	-1.2263	16.125	28.2325	1.55632	1
cg08715466	0.320507	1.18446	1.18446	0.023896	0.641136	-1.55973	0.904075	0.980312	-1.02008	0.000906457	0.44107	-2.26721	13.336	5.74511	0.382932	1
cg03495195	0.895556	1.01231	1.01231	0.00107064	0.637542	-1.56852	0.194512	0.880011	-1.13635	0.18955	0.878602	-1.13817	11.9299	1.63889	0.122113	1
cg19426944	0.956652	0.980462	-1.01993	0.00151895	5.24666	5.24666	0.160508	0.580312	-1.72321	0.0476609	0.439503	-2.2753	11.188	23.3477	1.85498	1
cg22861561	0.0113252	7.72255	7.72255	0.000220172	52.9028	52.9028	0.000681	28.3952	28.3952	0.195704	2.41583	2.41583	10.1989	67.1168	5.84957	1
cg15791105	0.0026432	0.415241	-2.40824	0.0145977	0.529728	-1.88776	0.000748514	0.339384	-2.94651	0.00274705	0.417666	-2.39426	9.41643	6.65611	0.628321	1
cg13565575	0.0022572	3.71668	3.71668	0.140607	1.62722	1.62722	0.00281134	3.5407	3.5407	0.115621	1.69107	1.69107	9.20169	13.7497	1.32823	1
cg07650504	0.738333	1.07359	1.07359	0.0114566	0.511682	-1.95434	0.089696	0.672856	-1.4862	0.550862	1.13634	1.13634	8.27735	5.88048	0.631493	1
cg19066141	0.975066	1.00358	1.00358	0.00187761	0.603746	-1.65633	0.0118049	0.697761	-1.43316	0.0229129	1.36548	1.36548	7.71404	1.60045	0.18442	1
cg13554901	0.74825	0.952655	-1.0497	0.00111519	0.485183	-2.06108	0.228392	1.20975	1.20975	0.108399	1.30185	1.30185	4.27579	1.53632	0.319384	1
cg12120327	0.574025	0.717113	-1.39448	0.269922	0.5104	-1.95925	0.961222	1.02887	1.02887	0.734766	1.22028	1.22028	4.01855	21.8138	4.82514	1
cg20770175	0.00426393	0.382032	-2.61758	0.951985	0.984961	-1.01527	0.979246	0.993475	-1.00657	0.106981	0.642234	-1.55707	13.5817	13.6207	0.891442	1
cg23502162	0.14965	0.645252	-1.54978	0.521843	0.831834	-1.20216	0.885573	1.04168	1.04168	0.0300001	0.484805	-2.06268	4.62307	5.88953	1.13239	1
cg12923449	0.976149	0.99172	-1.00835	0.114837	1.61107	1.61107	0.648084	0.880024	-1.13633	0.0488612	0.534943	-1.86936	4.05204	4.96401	1.08895	1
cg01942023	0.210413	0.728256	-1.37314	0.26123	1.32514	1.32514	0.896694	1.0317	1.0317	0.939709	0.981989	-1.01834	3.42339	3.1301	0.812735	1
cg23814223	0.783845	0.970071	-1.03085	0.00564625	1.49386	1.49386	0.482863	0.924215	-1.082	0.76359	0.967215	-1.0339	18.0885	3.4985	0.17192	1
cg20917241	0.01055	0.25172	-3.97267	1.86E-05	0.0237697	-42.0704	0.513688	0.752782	-1.32841	0.00114713	0.128808	-7.76351	13.1735	38.3556	2.58806	1
cg02673355	0.334989	1.18138	1.18138	1.35E-05	0.217445	-4.59887	0.101399	0.740314	-1.35078	0.21415	0.803113	-1.24515	10.8695	4.83813	0.395652	1
cg14311251	0.000755049	1.96265	1.96265	0.015096	1.48317	1.48317	0.982906	0.997176	-1.00283	0.563747	1.08009	1.08009	10.7453	2.96541	0.245309	1
cg18792803	0.248284	1.33499	1.33499	0.00269316	0.370575	-2.69851	0.00176951	0.344421	-2.90342	0.00970893	0.456965	-2.18835	9.86555	8.954	0.806758	1
cg02558625	0.0062593	0.46282	-2.16067	0.00127214	0.361839	-2.76366	0.725147	0.926502	-1.07933	0.00470634	0.443847	-2.25303	9.85648	7.30073	0.658403	1
cg12081643	0.0241863	0.336769	-2.9694	0.000887795	0.133128	-7.51158	0.414346	0.713268	-1.402	0.0105824	0.271983	-3.6767	7.84653	20.3785	2.30856	1
cg04296187	0.488097	1.14783	1.14783	0.0762888	1.4711	1.4711	0.607033	1.10687	1.10687	0.829092	0.95857	-1.04322	7.50425	4.55308	0.539319	1
cg04887675	0.246039	0.643601	-1.55376	0.000340699	0.122953	-8.13318	0.361514	1.40594	1.40594	0.0117919	0.319057	-3.13424	5.98892	12.5148	1.85747	1
cg21478902	0.242662	1.786	1.786	0.00167473	0.118668	-8.4269	0.164897	0.49522	-2.0193	0.155162	0.485978	-2.05771	5.66915	20.2019	3.16753	1
cg10908116	0.9515	1.04436	1.04436	0.00305877	0.055318	-18.0773	0.00926847	0.0947669	-10.5522	0.0557392	0.212915	-4.69671	5.65702	45.6282	7.16956	1
cg18120564	0.230091	1.29013	1.29013	0.00663525	2.03972	2.03972	0.333812	0.817362	-1.22345	0.368656	0.829605	-1.20539	5.61105	3.63733	0.576216	1
cg02099572	0.935918	1.08764	1.08764	0.00236234	0.0119022	-84.0179	0.0104158	0.034388	-29.0799	0.0481708	0.0944829	-10.5839	5.36566	92.7621	15.3672	1
cg23008352	0.186894	1.42838	1.42838	0.261909	1.34735	1.34735	0.108815	1.56161	1.56161	0.14331	0.669765	-1.49306	4.99533	5.1385	0.914366	1
cg07724793	0.321504	1.18144	1.18144	0.0081406	1.73574	1.73574	0.384172	0.864798	-1.15634	0.219047	0.810239	-1.2342	4.82756	2.02625	0.373089	1
cg16436782	0.796592	1.07949	1.07949	0.674127	1.13342	1.13342	0.292283	0.723563	-1.38205	0.0815984	0.564636	-1.77105	4.6096	6.40228	1.23458	1
cg19005390	0.0226184	0.207874	-4.81061	0.00366796	0.104286	-9.589	0.244311	0.496132	-2.01559	0.019479	0.196898	-5.07877	4.53082	23.7614	4.66168	1
cg03499905	0.685093	1.19092	1.19092	0.281033	1.61639	1.61639	0.246237	1.68154	1.68154	0.84114	0.917586	-1.08982	4.47864	13.0286	2.58582	1
cg20818806	0.699465	1.32734	1.32734	0.00833657	0.085325	-11.7199	0.021557	0.133341	-7.49957	0.0571659	0.207861	-4.81091	4.1269	34.8314	7.50229	1
cg02658690	0.930771	1.08155	1.08155	0.00669488	0.0418637	-23.887	0.0198719	0.0791468	-12.6347	0.0597697	0.147129	-6.79676	4.09804	52.8291	11.4589	1
cg19794013	0.225685	0.70018	-1.42821	0.0113639	0.411591	-2.4296	0.285734	1.36422	1.36422	0.237181	0.706867	-1.41469	4.08819	5.08098	1.10475	1
cg25424029	0.302653	0.464076	-2.15482	0.0283621	0.155571	-6.42794	0.0807613	0.248484	-4.02441	0.0490665	0.19881	-5.02992	3.76175	30.7986	7.27761	1
cg05656497	0.206355	0.415883	-2.40452	0.0099217	0.117174	-8.53429	0.136934	0.348334	-2.87081	0.33808	0.522026	-1.91562	3.7064	25.4342	6.09976	1
cg17880118	0.088573	0.527024	-1.89745	0.0121205	0.344324	-2.90424	0.762982	1.10862	1.10862	0.0307316	0.420969	-2.37547	3.67639	6.76778	1.63633	1
cg05265414	0.0346949	1.43789	1.43789	0.00333441	1.80276	1.80276	0.281359	1.17957	1.17957	0.270372	0.844272	-1.18445	3.46283	1.19324	0.306297	1
cg24438749	0.0868786	1.31704	1.31704	0.126726	1.27199	1.27199	0.192654	1.2224	1.2224	0.0867236	0.759157	-1.31725	3.45934	1.16214	0.298616	1
cg25682171	0.41211	1.86621	1.86621	0.0337044	0.15799	-6.32951	0.0408101	0.172615	-5.79324	0.5363	0.627566	-1.59346	3.441	30.1654	7.7924	1
cg15262516	0.054723	0.784945	-1.27398	1.44E-06	0.256167	-3.90371	0.0030749	0.637417	-1.56883	0.0141773	0.714408	-1.39976	32.2076	6.299	0.173845	1
cg24089600	0.591951	1.16389	1.16389	0.00601249	0.365368	-2.73696	8.74E-05	7.19222	7.19222	0.510272	1.20603	1.20603	9.10854	11.3499	1.10762	1
cg26875813	0.0191362	0.540544	-1.84999	0.00400367	0.432076	-2.31441	0.133979	1.42001	1.42001	0.122099	0.69519	-1.43846	7.91845	5.904	0.662757	1
cg25530246	0.0896089	0.59895	-1.66959	?	?	?	0.0501779	0.542494	-1.84334	0.122751	0.632531	-1.58095	5.74137	6.06369	1.05614	1
cg27546237	0.138153	0.690833	-1.44753	0.0573482	0.607693	-1.64557	0.000738891	3.27873	3.27873	0.089727	1.54245	1.54245	5.18049	4.40387	0.755632	1
cg15871127	0.763533	1.04122	1.04122	0.127252	0.801875	-1.24708	0.00490631	1.64717	1.64717	0.760534	1.04178	1.04178	4.00558	1.13714	0.252346	1
cg22757824	0.697554	0.947671	-1.05522	0.523444	0.914851	-1.09307	0.0153784	1.50583	1.50583	0.174752	1.21976	1.21976	3.58906	1.07667	0.266655	1
cg05063632	0.000502648	0.32804	-3.04841	4.18E-05	0.202217	-4.94518	0.275945	0.792787	-1.26137	8.48E-05	0.235201	-4.25168	34.545	22.9669	0.590968	1
cg24384882	0.365525	1.11732	1.11732	2.25E-05	0.362971	-2.75504	0.00688206	1.51815	1.51815	0.0195604	0.714157	-1.40025	26.8584	6.05632	0.200436	1
cg07771477	0.132501	1.40206	1.40206	0.836193	1.04404	1.04404	0.853372	1.03927	1.03927	0.0318672	0.592384	-1.68809	20.7733	14.2588	0.610133	1
cg14059959	0.000224615	0.343138	-2.91428	0.247557	1.23449	1.23449	0.574477	1.1039	1.1039	0.0258714	0.630676	-1.5856	18.7848	9.03343	0.427458	1
cg10076730	0.0810841	0.72616	-1.37711	0.569046	1.0999	1.0999	0.0498386	0.690655	-1.4479	0.109037	0.748909	-1.33528	16.612	7.20163	0.38535	1
cg08949329	0.00955618	1.91396	1.91396	0.525683	1.13565	1.13565	0.0802871	0.68127	-1.46785	0.0993758	0.699564	-1.42946	15.8692	9.83407	0.550839	1
cg14416316	0.00104867	1.61874	1.61874	0.0052348	1.44173	1.44173	0.555134	1.06108	1.06108	0.000693728	0.598027	-1.67217	14.326	2.23833	0.138883	1
cg16522557	0.00248286	0.36032	-2.77531	0.330597	1.27595	1.27595	0.458646	0.832624	-1.20102	0.279505	0.761163	-1.31378	13.079	12.2053	0.829505	1
cg24995674	0.178088	1.18158	1.18158	0.000511983	1.88243	1.88243	0.0108154	0.688487	-1.45246	0.43202	1.09802	1.09802	11.7829	2.53729	0.191411	1
cg08009184	0.0713225	1.38731	1.38731	0.00140575	2.12053	2.12053	0.927017	0.98522	-1.015	0.0463988	0.690177	-1.4489	10.3814	4.34327	0.371883	1
cg11241684	0.747189	1.04704	1.04704	0.0003312	2.27858	2.27858	0.0702093	1.3333	1.3333	0.215448	1.20358	1.20358	10.0864	3.22664	0.284355	1
cg22232704	0.349749	0.757191	-1.32067	7.35E-05	0.124533	-8.02998	0.145101	1.5717	1.5717	0.770979	1.088	1.088	9.8326	13.0031	1.17551	1
cg20450058	0.268013	1.64638	1.64638	0.00121266	0.12911	-7.74535	0.00644767	0.216354	-4.62206	0.00611372	0.213038	-4.694	9.26007	27.3864	2.62886	1
cg00994389	0.000501897	0.523397	-1.91059	0.0386648	1.31069	1.31069	0.0694314	0.795996	-1.25629	0.299183	0.887426	-1.12685	10.927	2.0644	0.146943	1
cg08702745	0.855269	1.04509	1.04509	0.00562519	0.415681	-2.40569	0.306481	1.29139	1.29139	0.0328129	0.547131	-1.82771	8.75752	8.0911	0.821248	1
cg05272587	0.958463	1.00789	1.00789	0.0259625	1.49029	1.49029	0.980349	0.996289	-1.00372	0.000118074	0.361605	-2.76545	8.40265	3.03202	0.320747	1
cg22051925	0.0290386	1.19213	1.19213	0.000253135	1.50972	1.50972	0.213572	0.914432	-1.09358	0.401866	0.943085	-1.06035	8.07854	0.596837	0.0656706	1
cg04815713	0.775463	1.03168	1.03168	0.0106334	1.4195	1.4195	0.028467	0.754296	-1.32574	0.0188512	0.733271	-1.36375	7.99683	1.5063	0.167433	1
cg17453252	0.526394	0.873418	-1.14493	0.000794839	0.343579	-2.91054	0.043788	0.613485	-1.63003	0.000750376	0.340265	-2.93888	7.71816	5.43374	0.625796	1
cg22382805	0.424262	0.774359	-1.29139	0.000764551	0.202393	-4.94088	0.105802	1.73952	1.73952	0.844174	1.06361	1.06361	7.70357	11.9803	1.38237	1
cg25065689	0.427323	1.18994	1.18994	0.738417	1.07457	1.07457	0.192383	0.743735	-1.34456	0.459083	0.850645	-1.17558	7.64031	5.57162	0.648213	1
cg20079886	0.00723089	1.68582	1.68582	0.0165804	1.55416	1.55416	0.00289347	0.539487	-1.85361	0.297602	0.849843	-1.17669	7.59818	2.73224	0.319637	1
cg13153710	0.0725576	1.32806	1.32806	0.000330867	2.27215	2.27215	0.0558287	0.735786	-1.35909	0.0633343	0.744002	-1.34408	7.50475	2.3836	0.282322	1
cg24844377	0.386974	1.16108	1.16108	0.0564956	1.43858	1.43858	0.383679	0.860325	-1.16235	0.046182	0.680629	-1.46923	7.41676	3.33197	0.399332	1
cg03238714	0.0377708	1.48803	1.48803	0.000684644	2.35292	2.35292	0.0543691	0.697585	-1.43352	0.436456	0.877248	-1.13993	7.23346	3.11771	0.383121	1
cg04393471	0.281349	1.24861	1.24861	9.08E-05	0.249727	-4.00437	0.90353	1.02434	1.02434	0.859695	1.03571	1.03571	7.02814	4.37721	0.55361	1
cg03482866	0.559278	1.16073	1.16073	0.00238697	2.91141	2.91141	0.00663292	2.4337	2.4337	0.351437	0.785006	-1.27388	6.92721	6.99028	0.896982	1
ch.13.1783356F	0.973129	0.991536	-1.00854	0.0103433	0.442563	-2.25957	0.298299	0.761794	-1.31269	0.715486	0.911756	-1.09678	6.37962	6.43494	0.896597	1
cg26743132	0.614315	0.893385	-1.11934	0.100135	1.49138	1.49138	0.192027	0.736089	-1.35853	0.976811	0.993572	-1.00647	6.29504	4.90789	0.693017	1
cg13742462	0.158732	1.14644	1.14644	0.000385005	1.67182	1.67182	0.0289117	1.26323	1.26323	0.717778	0.96761	-1.03347	5.86462	0.764371	0.115854	1
cg05167916	0.0850384	0.604595	-1.654	0.885493	0.962638	-1.03881	0.697268	0.901855	-1.10883	0.848146	0.950605	-1.05196	5.7431	6.35133	0.983027	1
cg09286253	0.421118	0.828412	-1.20713	0.0101229	2.1024	2.1024	0.104804	1.50086	1.50086	0.390688	0.81754	-1.22318	5.72347	4.75568	0.738585	1
cg00894344	0.460061	1.1934	1.1934	0.0022757	2.72732	2.72732	0.0809264	0.634491	-1.57607	0.411618	0.820904	-1.21817	5.60288	4.90347	0.777929	1
cg04819250	0.0147134	1.51045	1.51045	0.00199982	1.82062	1.82062	0.92902	0.987837	-1.01231	0.907164	1.01615	1.01615	5.49123	1.64069	0.265586	1
cg25285236	0.00219796	1.67296	1.67296	0.0796575	1.26256	1.26256	0.941475	0.991238	-1.00884	0.474569	1.09107	1.09107	5.24858	1.19415	0.202239	1
cg16872841	0.172524	1.93855	1.93855	0.0270753	0.303277	-3.29732	0.195794	1.86586	1.86586	0.349544	0.644654	-1.55122	5.19866	17.1146	2.92633	1
cg25205321	0.896166	1.04515	1.04515	0.0172908	0.375056	-2.66627	0.938448	0.974218	-1.02646	0.000644839	0.170221	-5.87473	4.5935	8.32174	1.61034	1
cg08556772	0.0165691	1.97731	1.97731	0.0272717	1.8377	1.8377	0.619292	1.12375	1.12375	0.543329	1.15408	1.15408	4.52686	3.8901	0.763855	1
cg21229079	0.831083	1.06455	1.06455	0.758945	0.913818	-1.09431	0.151036	0.637272	-1.56919	0.175938	0.656171	-1.52399	4.45644	6.05112	1.20697	1
cg03930369	0.396418	1.29195	1.29195	0.0133882	2.46825	2.46825	0.478378	1.23688	1.23688	0.359822	0.757524	-1.32009	4.30067	5.9261	1.22484	1
cg08318510	0.0875547	0.479115	-2.08718	0.0107342	0.286268	-3.49323	0.0160877	3.15567	3.15567	0.179782	1.74342	1.74342	4.2758	10.3081	2.14294	1
cg02100381	0.166079	0.553126	-1.80791	0.00248876	0.185361	-5.39487	0.406605	0.71148	-1.40552	0.392313	0.703708	-1.42104	4.20336	10.7029	2.26336	1
cg17090754	0.107662	0.639189	-1.56448	0.471436	1.20532	1.20532	0.00875674	0.42689	-2.34253	0.289544	0.755601	-1.32345	4.11828	4.23858	0.914854	1
cg09238199	0.188624	0.819297	-1.22056	0.00851097	1.61686	1.61686	0.0887233	1.30823	1.30823	0.0250097	0.68279	-1.46458	3.91109	1.26826	0.288243	1
cg21158935	0.138568	1.34005	1.34005	0.00610591	0.518386	-1.92906	0.287718	1.22462	1.22462	0.530847	0.889994	-1.1236	3.89079	2.07657	0.474413	1
cg06243866	0.827722	0.933545	-1.07119	0.922081	0.969603	-1.03135	0.485025	0.799418	-1.25091	0.0574599	0.507655	-1.96984	3.66619	5.78042	1.4015	1
cg12573318	0.0063324	0.280593	-3.56388	0.195395	1.63164	1.63164	0.0880072	1.96032	1.96032	0.371356	0.72025	-1.38841	3.59187	7.2712	1.79942	1
cg04859719	0.220255	0.738339	-1.35439	0.159382	0.701923	-1.42466	0.342428	0.794359	-1.25888	0.0725488	0.624025	-1.6025	3.50573	3.07573	0.779861	1
cg12267933	0.123436	1.55775	1.55775	0.270464	1.35632	1.35632	0.765684	0.923682	-1.08262	0.524305	0.842489	-1.18696	3.40615	3.80613	0.99327	1
cg22994281	0.025982	0.746032	-1.34043	0.0045138	0.657314	-1.52134	0.00465881	1.51768	1.51768	0.00100739	1.71786	1.71786	16.1495	3.14375	0.173035	1
cg22752008	0.698998	0.954773	-1.04737	0.0312162	0.739992	-1.35137	0.0234873	1.38034	1.38034	0.927583	0.989231	-1.01089	7.37726	1.6577	0.199736	1
cg06002370	0.105614	0.695916	-1.43696	0.00372148	0.447741	-2.23343	0.3278	1.23016	1.23016	0.726762	0.930585	-1.07459	4.173	2.77935	0.592028	1
cg22388982	0.625587	0.934334	-1.07028	6.38E-05	2.7617	2.7617	0.414477	1.12212	1.12212	0.112109	1.26991	1.26991	8.73154	2.63818	0.268572	1
cg19865525	0.738153	0.855737	-1.16858	0.000402955	0.0733489	-13.6335	0.99667	0.998064	-1.00194	0.117735	0.454362	-2.20089	7.15185	24.4231	3.0355	1
cg11797365	0.28153	1.24094	1.24094	0.113404	0.717296	-1.39413	0.00192193	2.33271	2.33271	0.900273	0.976109	-1.02448	4.39745	2.59092	0.523722	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01297370	COL4A3;COL4A4;COL4A3;COL4A3;COL4A3	0.000433427	0.00182525	2.47641	2.47641	0.135093	1.39064	1.39064	0.000595865	0.337922	-2.95927	0.00677982	2.051	2.051	0.00216904	0.414412	-2.41306
cg04324308	COL4A3;COL4A4;COL4A3;COL4A4;COL4A3;COL4A3	0.000158142	0.979589	1.00365	1.00365	0.0464629	1.38376	1.38376	0.0246478	1.46387	1.46387	0.00218534	0.54223	-1.84424	0.364306	1.14199	1.14199
cg10563352	COL4A3;COL4A4;COL4A3;COL4A4;COL4A3;COL4A3	0.0193157	0.838857	1.11469	1.11469	0.77784	1.16287	1.16287	0.0011747	0.0521296	-19.183	0.109021	0.38226	-2.61602	0.770807	1.16864	1.16864
cg24141298	COL4A3BP;COL4A3BP;COL4A3BP	0.00606868	0.691194	0.951245	-1.05125	0.777368	1.03612	1.03612	0.880429	0.981333	-1.01902	0.289169	1.14767	1.14767	0.300728	1.14367	1.14367
cg07582697	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.000604499	0.158369	1.2168	1.2168	0.00384946	0.602396	-1.66004	0.181746	1.20257	1.20257	0.453942	0.9055	-1.10436	2.63E-05	0.338794	-2.95165
cg06933384	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.00658142	0.00919066	0.293234	-3.41025	0.101711	0.514504	-1.94362	0.032882	0.396271	-2.52353	0.0401783	0.415029	-2.40947	0.00086049	0.156274	-6.39902
cg12201498	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.011261	0.00519799	0.354389	-2.82176	0.764009	0.9188	-1.08838	0.734942	1.1003	1.1003	0.486411	0.819618	-1.22008	0.52009	0.832444	-1.20128
cg21212314	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.0283051	0.706028	1.0481	1.0481	0.115143	0.808677	-1.23659	0.246151	0.860403	-1.16225	0.0829523	0.788209	-1.2687	0.0219808	0.711322	-1.40583
cg02083373	COL4A3BP;COL4A3BP;POLK;COL4A3BP	0.00916958	0.329291	1.45868	1.45868	0.14331	0.554458	-1.80356	0.399668	1.38168	1.38168	0.0566879	0.44536	-2.24537	0.00065636	0.141172	-7.08354
cg04985097	COL4A3BP;POLK;COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.00735664	0.723002	1.09673	1.09673	0.00263579	3.40291	3.40291	?	?	?	0.0871811	1.66114	1.66114	0.854351	0.953494	-1.04877
cg25552033	COL4A4	0.0338949	0.644413	1.07279	1.07279	0.00694566	1.69562	1.69562	0.0586521	1.38115	1.38115	0.471924	1.11697	1.11697	0.876931	0.976843	-1.02371
cg09099637	COL4A5;COL4A5;COL4A5	3.53E-05	0.000520762	0.286301	-3.49283	0.000464362	0.280043	-3.57088	0.00036055	0.266469	-3.75278	0.0187775	0.517809	-1.93121	4.73E-06	0.0887553	-11.2669
cg19922860	COL4A5;COL4A5;COL4A5	0.00161879	0.0391005	0.594693	-1.68154	0.00227837	0.395029	-2.53146	0.0129296	0.5109	-1.95733	0.330138	0.803541	-1.24449	0.000232453	0.264658	-3.77847
cg16167304	COL4A5;COL4A5;COL4A5	0.0258065	0.670731	0.841076	-1.18895	0.00130902	0.150536	-6.64294	0.673418	1.18715	1.18715	0.505384	0.760705	-1.31457	0.0511875	0.407122	-2.45626
cg09792758	COL4A5;COL4A5;COL4A5;COL4A5;COL4A6;COL4A5;COL4A5	0.00629779	0.532161	0.753196	-1.32768	0.341281	0.644527	-1.55152	0.952107	1.02727	1.02727	0.00817803	4.55348	4.55348	0.000696986	0.0985852	-10.1435
cg11678767	COL4A5;COL4A5;COL4A5;COL4A6;COL4A6	0.00474644	0.0445436	0.427311	-2.34022	0.0268118	0.3803	-2.62951	0.0123369	3.15322	3.15322	0.000738197	6.61553	6.61553	0.259983	0.648507	-1.542
cg18995182	COL4A5;COL4A5;COL4A5;COL4A6;COL4A6	0.0174738	0.0514739	0.451744	-2.21364	0.00527813	0.267618	-3.73667	0.681567	0.862536	-1.15937	0.00575965	3.65823	3.65823	0.0621122	0.471046	-2.12294
cg11552293	COL4A5;COL4A6;COL4A5;COL4A5;COL4A6	0.000858041	0.219309	0.699976	-1.42862	0.198971	1.4547	1.4547	0.00759798	0.387524	-2.58048	0.161596	1.51098	1.51098	0.000128623	0.15911	-6.28494
cg00815013	COL4A5;COL4A6;COL4A6;COL4A5;COL4A5	0.015426	0.044865	0.244585	-4.08855	0.0959994	0.326895	-3.05908	0.565547	0.700976	-1.42658	0.193753	0.431271	-2.31873	0.0995024	0.331444	-3.0171
cg12542857	COL4A6;COL4A6	0.000547564	0.695778	1.13351	1.13351	0.013401	0.376571	-2.65554	0.018919	0.403939	-2.47562	0.00212109	0.252218	-3.96483	9.26E-06	0.0471247	-21.2203
cg24275475	COL4A6;COL4A6	0.00561844	0.0284022	0.15567	-6.42384	0.111851	0.28797	-3.47259	0.523989	0.628576	-1.5909	0.552944	0.649488	-1.53967	0.161962	0.341756	-2.92606
cg05064925	COL4A6;COL4A6;COL4A6	0.0248485	0.0269565	0.0670046	-14.9244	0.357881	0.376977	-2.65268	0.920356	1.1087	1.1087	0.693506	1.50485	1.50485	0.164224	0.216227	-4.62477
cg14350693	COL5A1	0.000296017	0.0291785	0.616918	-1.62096	0.000669482	0.375988	-2.65966	0.000255138	0.32234	-3.10231	0.0522522	0.660401	-1.51423	1.32E-05	0.179558	-5.56922
cg13602761	COL5A1	0.000813254	0.0088607	0.486038	-2.05745	0.014056	0.518617	-1.9282	0.00606082	0.460152	-2.17319	0.00176425	0.38108	-2.62412	0.158279	0.721341	-1.38631
cg13917918	COL5A1	0.000922259	0.0681524	0.640993	-1.56008	0.0900411	0.665764	-1.50203	0.00530767	0.449348	-2.22545	0.677676	0.913009	-1.09528	5.85E-05	0.197728	-5.05745
cg14194478	COL5A1	0.00147354	0.391115	0.873827	-1.14439	0.00224728	0.518649	-1.92809	0.0635143	0.725969	-1.37747	0.443869	0.887081	-1.12729	0.0501137	0.709746	-1.40896
cg13567205	COL5A1	0.00154574	0.405776	0.839668	-1.19095	0.504376	0.870062	-1.14934	0.00013476	0.257043	-3.8904	0.337006	1.22553	1.22553	0.0528075	0.636203	-1.57182
cg13910822	COL5A1	0.00231481	0.0558082	0.394338	-2.5359	0.00140058	0.13706	-7.29606	0.241732	0.590828	-1.69254	0.0168083	0.285653	-3.50075	0.0102562	0.249183	-4.01311
cg14207613	COL5A1	0.00585581	0.575118	0.870211	-1.14915	0.937273	0.980865	-1.01951	0.000591914	0.271904	-3.67776	0.0228949	0.512622	-1.95076	0.00237105	0.353301	-2.83044
cg13438095	COL5A1	0.00647043	0.269902	0.772266	-1.29489	0.889503	0.969214	-1.03176	0.0654023	0.627996	-1.59237	0.273493	0.773878	-1.29219	0.011556	0.491453	-2.03478
cg08029329	COL5A1	0.00767165	0.691345	1.06503	1.06503	0.0328718	0.674335	-1.48294	0.477614	0.892264	-1.12074	0.0547502	1.41054	1.41054	0.577051	0.914891	-1.09303
cg13516654	COL5A1	0.00971267	0.014259	0.375372	-2.66403	0.00414798	0.28772	-3.4756	0.0787499	0.531059	-1.88303	0.0632205	0.507999	-1.96851	0.00103658	0.207033	-4.83015
cg14021321	COL5A1	0.00998008	0.0304762	0.622695	-1.60592	0.00446014	0.493348	-2.02697	0.0757992	0.692031	-1.44502	0.0108434	0.551022	-1.81481	0.0349751	0.63273	-1.58045
cg14548802	COL5A1	0.0123645	0.00467709	0.1121	-8.92062	0.959958	1.02965	1.02965	0.389337	0.598465	-1.67094	0.473072	0.653971	-1.52912	0.0116523	0.159649	-6.26373
cg21208686	COL5A1	0.0132665	0.030544	0.382233	-2.6162	0.120375	0.528616	-1.89173	0.00538053	0.249898	-4.00164	0.0123634	0.307744	-3.24946	0.0254309	0.366014	-2.73214
cg14482968	COL5A1	0.0145201	0.0246828	0.221519	-4.51428	0.0366346	0.254541	-3.92864	0.0227549	0.215232	-4.64615	0.0424422	0.268004	-3.73129	0.00745987	0.143518	-6.96777
cg13649103	COL5A1	0.0157892	0.305072	0.776221	-1.28829	0.39885	1.22878	1.22878	0.0297666	0.543324	-1.84052	0.0373949	0.562062	-1.77916	0.569422	0.871848	-1.14699
cg14070775	COL5A1	0.0158614	0.289799	0.777228	-1.28662	0.15217	1.4217	1.4217	0.0177213	0.516061	-1.93775	0.141995	0.696191	-1.43639	0.0630776	0.619051	-1.61538
cg07300559	COL5A1	0.0187096	0.531161	0.807196	-1.23886	0.213575	1.55616	1.55616	0.0762929	0.513811	-1.94624	0.15503	0.598194	-1.6717	0.000481804	0.157423	-6.35231
cg14525703	COL5A1	0.0194306	0.25117	0.678569	-1.47369	0.303167	1.41192	1.41192	0.0694361	0.518481	-1.92871	0.55959	1.21024	1.21024	0.0015708	0.230206	-4.34393
cg24354213	COL5A1	0.0215804	0.0914316	0.641063	-1.55991	0.00239027	0.363321	-2.75238	0.0175385	0.500853	-1.99659	0.189576	0.717208	-1.3943	0.00365329	0.390474	-2.56099
cg14340852	COL5A1	0.0234865	0.06351	0.71707	-1.39456	0.710683	0.942337	-1.06119	0.00349928	0.531817	-1.88034	0.0882921	0.740977	-1.34957	0.261504	0.829735	-1.2052
cg14198873	COL5A1	0.0298824	0.0829134	0.766247	-1.30506	0.113049	0.787295	-1.27017	0.037013	0.714744	-1.3991	0.0487444	0.731899	-1.36631	0.800149	1.0358	1.0358
cg21229975	COL5A1	0.0309618	0.797881	1.08084	1.08084	0.339866	1.34713	1.34713	0.0149061	0.403728	-2.47691	0.316008	0.730493	-1.36894	0.00138301	0.245445	-4.07423
cg14582636	COL5A1	0.0315139	0.964371	0.989207	-1.01091	0.846998	0.954154	-1.04805	0.00870047	0.443852	-2.253	0.34231	0.788443	-1.26832	0.00191063	0.34371	-2.90943
cg13756251	COL5A1	0.0328283	0.019952	0.122801	-8.14323	0.494425	1.67876	1.67876	0.695669	0.745638	-1.34113	0.28911	0.439735	-2.2741	0.0150989	0.107588	-9.29469
cg13969662	COL5A1	0.0391955	0.699787	0.857775	-1.16581	0.0510635	2.41034	2.41034	0.0170562	0.316164	-3.16291	0.327989	0.670473	-1.49148	0.0166742	0.314365	-3.18101
cg13596370	COL5A1	0.0394267	0.752262	1.15712	1.15712	0.208841	1.84137	1.84137	0.0225887	0.284128	-3.51954	0.532713	0.747372	-1.33802	0.00445559	0.174086	-5.74428
cg14113739	COL5A1	0.0406383	0.0920777	0.47092	-2.1235	0.0321403	0.360863	-2.77114	0.00705132	0.243081	-4.11386	0.247489	0.611987	-1.63402	0.0224974	0.32957	-3.03425
cg13492737	COL5A1	0.0471685	0.0811808	0.565394	-1.76868	0.106097	0.594185	-1.68298	0.181729	0.658288	-1.51909	0.833765	0.939895	-1.06395	0.00618001	0.348795	-2.86702
cg13749670	COL5A1	0.0490354	0.568247	0.901956	-1.1087	0.3058	0.827201	-1.2089	0.162285	0.765724	-1.30595	0.87624	1.02828	1.02828	0.347172	1.18909	1.18909
cg26024843	COL5A1;COL5A1	0.00191237	0.617498	0.92967	-1.07565	0.638784	0.933813	-1.07088	0.243101	1.19353	1.19353	0.179481	1.22939	1.22939	0.847511	1.02828	1.02828
cg22321810	COL5A2	0.000163652	0.3517	1.19272	1.19272	0.00540743	0.510045	-1.96061	0.0267585	0.617198	-1.62023	?	?	?	4.85E-06	0.146584	-6.82202
cg07466651	COL5A2	0.000437578	0.162384	0.762092	-1.31218	0.00596676	0.519564	-1.92469	0.32496	1.20339	1.20339	0.00860391	0.543167	-1.84105	0.759597	1.0575	1.0575
cg10765212	COL5A2	0.00319604	0.150202	1.36147	1.36147	0.644356	0.911199	-1.09746	0.000906927	0.370525	-2.69888	0.541829	0.883782	-1.1315	0.00150484	0.400533	-2.49668
cg18445715	COL5A2	0.00673947	0.12181	0.683885	-1.46223	0.0603336	0.618831	-1.61595	0.00417282	0.419073	-2.38622	0.298791	0.783499	-1.27633	0.332231	1.25436	1.25436
cg08466256	COL5A2	0.0264411	0.349862	0.582102	-1.71791	0.0421566	0.268106	-3.72987	0.0122395	0.172921	-5.78299	0.118352	0.385426	-2.59453	0.0409624	0.265428	-3.7675
cg19698099	COL5A2	0.0284628	0.120698	0.715537	-1.39755	0.00283652	0.441591	-2.26454	0.117128	0.712819	-1.40288	0.0964773	0.695619	-1.43757	0.726951	0.932654	-1.07221
cg17177699	COL5A3	0.000636296	0.190229	0.86239	-1.15957	0.000320937	0.537231	-1.8614	0.45469	0.921946	-1.08466	0.906079	0.987483	-1.01268	0.160741	1.17338	1.17338
cg20478934	COL5A3	0.000828486	0.412922	1.33208	1.33208	0.00236511	0.23399	-4.27368	0.00658391	0.298591	-3.34907	0.994687	1.00228	1.00228	0.0409926	0.44581	-2.24311
cg25580825	COL5A3	0.0340756	0.192699	1.46596	1.46596	0.978054	1.00766	1.00766	0.433682	0.801195	-1.24814	0.433632	0.801175	-1.24817	0.0122446	0.420708	-2.37695
cg19835478	COL6A1	0.000221035	0.171513	0.71407	-1.40042	0.000148052	4.52248	4.52248	0.595754	0.883497	-1.13187	0.0539185	0.602765	-1.65902	3.20E-05	0.153751	-6.50402
cg04064254	COL6A1	0.00173182	0.686788	0.972973	-1.02778	0.231678	0.918703	-1.08849	0.0102033	0.803376	-1.24475	0.036622	0.848616	-1.17839	0.929312	0.994021	-1.00602
cg06139893	COL6A1	0.00510461	0.00239363	0.556525	-1.79686	0.288767	1.16476	1.16476	0.0398913	0.719667	-1.38953	0.107983	0.784362	-1.27492	0.00448327	0.591674	-1.69012
cg08919443	COL6A1	0.00662537	0.731474	0.96244	-1.03903	0.800123	1.0286	1.0286	0.0726186	0.800434	-1.24932	0.124599	1.20296	1.20296	0.00198326	0.615391	-1.62498
cg17667648	COL6A1	0.00811064	0.016114	0.424589	-2.35522	0.414584	0.784563	-1.2746	0.276721	0.719542	-1.38977	0.0719545	0.557446	-1.79389	0.000289428	0.179046	-5.58517
cg10809449	COL6A1	0.0187751	0.755477	0.946093	-1.05698	0.0227094	0.616453	-1.62218	0.0910458	0.718789	-1.39123	0.852013	1.03368	1.03368	0.149056	0.759971	-1.31584
cg21308336	COL6A1	0.0266677	0.797333	1.03788	1.03788	0.0029896	1.80121	1.80121	0.0671675	0.743451	-1.34508	0.0369394	1.41926	1.41926	0.544209	1.09275	1.09275
cg27063255	COL6A1	0.0329531	0.518589	0.874155	-1.14396	0.984733	0.996075	-1.00394	0.0106954	0.51717	-1.9336	0.844148	1.04128	1.04128	0.0536207	0.637353	-1.56899
cg07008701	COL6A2	8.61E-07	1.90E-05	0.22461	-4.45216	4.24E-05	3.80917	3.80917	0.34852	0.847204	-1.18035	0.18698	1.27163	1.27163	2.92E-08	0.0309851	-32.2735
cg00674428	COL6A2	1.13E-06	0.573501	1.07202	1.07202	0.00126477	0.562529	-1.77769	0.000675282	0.529627	-1.88812	0.582953	0.934443	-1.07016	2.23E-08	0.0774003	-12.9198
cg02740435	COL6A2	0.00014192	0.00121931	0.340572	-2.93623	0.000430815	0.281536	-3.55194	0.501946	0.856344	-1.16776	0.148148	1.42339	1.42339	5.66E-06	0.0974826	-10.2582
cg07544102	COL6A2	0.00290206	0.760256	1.04841	1.04841	0.118916	0.769931	-1.29882	0.044279	0.699825	-1.42893	0.680657	0.938071	-1.06602	0.000122996	0.355243	-2.81497
cg14075645	COL6A2	0.0254094	0.206715	0.894981	-1.11734	0.997198	1.00029	1.00029	0.0411667	1.21686	1.21686	0.2108	0.895963	-1.11612	0.955672	1.00464	1.00464
cg13902069	COL6A2	0.043149	0.975339	1.00251	1.00251	0.588128	0.956676	-1.04529	0.0151711	0.785347	-1.27332	0.230743	1.10721	1.10721	0.146884	1.13441	1.13441
cg10435849	COL6A2;COL6A2;COL6A2	8.91E-06	0.00118522	0.818482	-1.22177	1.52E-06	0.599031	-1.66936	0.19779	1.05902	1.05902	0.718039	0.984841	-1.01539	0.0157566	0.882811	-1.13275
cg24784350	COL6A2;COL6A2;COL6A2	0.0010491	0.137844	0.795874	-1.25648	0.0318499	0.698077	-1.43251	0.00575668	0.596252	-1.67714	0.0629242	1.34844	1.34844	0.000176275	2.48123	2.48123
cg00929658	COL6A2;COL6A2;COL6A2	0.0067929	0.359457	0.779676	-1.28258	0.00273267	0.33535	-2.98196	0.00158336	0.301813	-3.31331	0.627329	1.13795	1.13795	0.549716	1.17336	1.17336
cg12423553	COL6A2;COL6A2;COL6A2	0.0164783	0.49143	1.24361	1.24361	0.689319	1.13357	1.13357	0.0140385	0.388249	-2.57567	0.539461	0.823809	-1.21387	0.00457029	0.307874	-3.24808
cg03214640	COL6A2;COL6A2;COL6A2	0.0167126	0.168466	0.776015	-1.28863	0.975913	1.00523	1.00523	0.264069	0.81778	-1.22282	0.925322	0.98393	-1.01633	0.422845	1.15196	1.15196
cg12329404	COL6A2;COL6A2;COL6A2	0.0177572	0.113377	0.547787	-1.82553	0.0210876	0.379441	-2.63546	0.0856763	0.514991	-1.94178	0.527519	1.25061	1.25061	0.0102123	0.322601	-3.0998
cg10099638	COL6A2;COL6A2;COL6A2	0.0197921	0.320394	1.34944	1.34944	0.007267	0.363966	-2.74751	0.408738	0.781431	-1.2797	0.243108	1.42836	1.42836	0.597232	0.855864	-1.16841
cg21274607	COL6A2;COL6A2;COL6A2	0.0323594	0.773137	0.905424	-1.10445	0.630248	0.846437	-1.18142	0.2144	0.638082	-1.5672	0.22801	1.54487	1.54487	0.000763511	0.173297	-5.77043
cg10811880	COL6A2;COL6A2;COL6A2	0.038013	0.280803	0.723896	-1.38141	0.173519	1.51797	1.51797	?	?	?	0.07822	0.568967	-1.75757	0.0356734	0.494275	-2.02317
cg07780114	COL6A2;COL6A2;COL6A2	0.0471723	0.0519145	0.425335	-2.35109	0.247211	0.62647	-1.59625	0.0177751	0.328253	-3.04643	0.129263	0.530693	-1.88433	0.0105603	0.288434	-3.46699
cg02561425	COL6A3;COL6A3;COL6A3	0.000696397	0.231614	0.814348	-1.22798	0.00177602	0.482694	-2.07171	0.0551202	0.700518	-1.42752	0.010098	1.70112	1.70112	0.00196715	0.488686	-2.04631
cg13502931	COL6A3;COL6A3;COL6A3	0.00143119	0.0438564	1.5114	1.5114	0.00243036	0.471166	-2.1224	0.924593	0.983262	-1.01702	0.697819	0.932796	-1.07205	0.000638868	0.392653	-2.54678
cg22944062	COL6A3;COL6A3;COL6A3	0.00216316	0.00904838	0.419234	-2.3853	0.00282287	0.340346	-2.93819	0.000374477	0.225229	-4.43992	0.771896	0.926662	-1.07914	0.000268193	0.208696	-4.79166
cg12681727	COL6A3;COL6A3;COL6A3	0.00311336	0.0525168	1.80562	1.80562	0.0011644	3.5898	3.5898	0.242731	1.38774	1.38774	0.0208621	2.10713	2.10713	0.0681369	1.72894	1.72894
cg27168661	COL6A3;COL6A3;COL6A3	0.00331234	0.00117013	0.480538	-2.081	0.467896	0.892609	-1.12031	0.816446	1.03641	1.03641	0.0933063	1.32835	1.32835	0.585364	0.918755	-1.08843
cg10859789	COL6A3;COL6A3;COL6A3	0.00706577	0.0179724	0.707062	-1.4143	0.00657262	1.53046	1.53046	0.520413	1.08172	1.08172	0.632469	1.05981	1.05981	0.167013	0.837262	-1.19437
cg21082678	COL6A3;COL6A3;COL6A3	0.00800842	0.520813	1.19478	1.19478	0.00134866	0.279954	-3.57201	0.0905466	0.600552	-1.66513	0.0696237	0.574162	-1.74167	0.000982167	0.261882	-3.81851
cg21136443	COL6A3;COL6A3;COL6A3	0.0197439	0.906073	1.04943	1.04943	0.33318	1.50387	1.50387	0.228273	0.596361	-1.67684	0.729775	1.15228	1.15228	0.00198471	0.167718	-5.96239
cg05223158	COL6A3;COL6A3;COL6A3	0.0314597	0.381825	0.857919	-1.16561	0.0116823	1.71322	1.71322	0.710212	1.06585	1.06585	0.13125	0.757002	-1.321	0.00428006	0.520535	-1.9211
cg11391970	COL6A3;COL6A3;COL6A3	0.0342994	0.23734	0.74766	-1.33751	0.0208651	0.520379	-1.92168	0.00888199	0.457389	-2.18632	0.0939616	0.648813	-1.54128	0.19775	1.37687	1.37687
cg08957605	COL6A3;COL6A3;COL6A3	0.0485642	0.892023	1.02076	1.02076	0.605567	0.924228	-1.08198	0.474575	1.11627	1.11627	0.04126	0.700387	-1.42778	0.176734	1.2426	1.2426
cg14288066	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	7.55E-05	0.266424	1.26053	1.26053	0.208397	1.30368	1.30368	4.83E-05	0.216775	-4.61308	0.00512038	0.477349	-2.0949	5.66E-06	0.129255	-7.73662
cg03384959	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.000104808	0.00501355	0.585585	-1.7077	0.000428561	0.447799	-2.23314	0.000295384	0.427577	-2.33876	0.280584	0.850731	-1.17546	0.000309888	2.32465	2.32465
cg19272547	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0001412	0.0249321	1.27758	1.27758	0.0273979	0.78699	-1.27066	0.015604	0.761723	-1.31281	0.391138	0.922511	-1.084	0.0404645	0.804744	-1.24263
cg00146565	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.000217813	5.95E-06	0.202704	-4.93331	0.0446531	1.43625	1.43625	0.000362314	0.407443	-2.45433	0.952324	0.990654	-1.00943	0.580455	1.09163	1.09163
cg23417677	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.000556781	0.101942	0.717327	-1.39406	0.0108899	0.552542	-1.80982	0.17324	0.764196	-1.30856	0.762202	1.05794	1.05794	7.62E-06	0.161252	-6.20147
cg15747921	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.00117974	0.17611	1.22074	1.22074	0.380921	1.13273	1.13273	0.44752	0.89821	-1.11333	0.100562	1.28331	1.28331	2.10E-05	0.304343	-3.28577
cg15120555	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.00225973	0.000259184	1.6218	1.6218	0.425615	1.06765	1.06765	0.407937	0.934166	-1.07047	0.0441846	0.830277	-1.20442	0.31378	1.08743	1.08743
cg27049194	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.00285104	0.57117	1.14571	1.14571	0.495378	1.17885	1.17885	0.0669584	0.613804	-1.62919	0.0258871	0.533306	-1.8751	0.00205855	0.356363	-2.80613
cg08158160	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.00381856	0.891618	1.02177	1.02177	0.00678574	0.574539	-1.74053	0.000950947	0.4593	-2.17723	0.10885	1.31815	1.31815	0.650004	1.07483	1.07483
cg00779216	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.00398017	0.0212993	0.558376	-1.79091	0.00205573	0.400817	-2.4949	0.0132116	0.523753	-1.9093	0.00717085	0.481466	-2.07699	0.01975	0.552799	-1.80898
cg08170141	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.00496961	0.155982	0.646064	-1.54783	0.0940486	0.588678	-1.69872	0.0120853	0.406319	-2.46112	0.0141267	0.418242	-2.39096	0.000630863	0.220477	-4.53562
cg27451920	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0137297	0.418293	1.2665	1.2665	0.451358	0.803162	-1.24508	0.252045	0.710497	-1.40746	0.923028	0.972771	-1.02799	0.0020823	0.290057	-3.4476
cg14556851	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0139875	0.520224	1.13763	1.13763	0.126044	1.38748	1.38748	0.0800879	1.46839	1.46839	0.378318	1.19581	1.19581	0.164501	0.74571	-1.341
cg17725364	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0152377	0.989967	0.998469	-1.00153	0.349263	1.12461	1.12461	0.343579	1.12627	1.12627	0.473142	0.914916	-1.093	0.0493925	0.760848	-1.31432
cg05688616	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0227909	0.29507	0.801513	-1.24764	0.5588	0.88651	-1.12802	0.00122529	0.38151	-2.62116	0.055155	0.642113	-1.55736	0.0117511	0.526623	-1.89889
cg25431120	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0292298	0.396458	0.776511	-1.28781	0.360864	1.29404	1.29404	0.00719885	0.385987	-2.59076	0.181767	0.679095	-1.47255	0.00297115	0.326676	-3.06114

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01297370	0.00104932	2.69828	2.69828	0.0334499	0.601279	-1.66312	0.469988	1.16238	1.16238	0.190343	0.752834	-1.32831	14.8672	9.86779	0.589982	1
cg04324308	0.347532	0.871312	-1.14769	1.28E-05	0.271002	-3.69001	0.000285143	0.430018	-2.32548	0.0441743	1.38996	1.38996	19.5759	6.28869	0.285553	1
cg10563352	0.375543	1.63112	1.63112	0.229768	1.98066	1.98066	0.0351285	3.99608	3.99608	0.314189	1.75334	1.75334	6.14104	26.312	2.85641	1
cg24141298	0.0145265	1.45776	1.45776	9.93E-05	2.37442	2.37442	0.633822	1.06192	1.06192	0.496851	0.917265	-1.0902	6.91481	1.71624	0.22062	1
cg07582697	0.416677	1.11407	1.11407	0.0042168	0.607371	-1.64644	0.00834167	0.644875	-1.55069	0.0213246	0.697636	-1.43341	13.5556	3.63561	0.2384	1
cg06933384	0.226015	0.624026	-1.6025	0.00175511	0.191322	-5.22678	0.00914631	0.292889	-3.41427	0.0213944	0.358608	-2.78856	6.74327	14.6935	1.93687	1
cg12201498	0.0058478	0.36244	-2.75908	0.0111007	0.408359	-2.44883	0.0160185	0.436375	-2.29161	0.0447031	1.91212	1.91212	5.68933	7.12851	1.11374	1
cg21212314	0.109976	1.24107	1.24107	0.015533	0.692174	-1.44472	0.298113	0.874848	-1.14306	0.0382507	1.34675	1.34675	4.17182	1.01537	0.216344	1
cg02083373	0.187193	0.592025	-1.68912	0.0135785	0.318157	-3.1431	0.00858701	0.284515	-3.51475	0.942894	0.973494	-1.02723	6.07625	13.5316	1.97953	1
cg04985097	0.00880657	0.387439	-2.58105	?	?	?	?	?	?	0.0186869	2.21292	2.21292	9.54727	6.44281	0.674833	1
cg25552033	0.10902	1.30242	1.30242	0.00235376	1.89948	1.89948	0.822216	0.966548	-1.03461	0.800301	1.03906	1.03906	3.9122	1.4162	0.321774	1
cg09099637	0.000574621	0.291728	-3.42785	7.32E-06	0.101759	-9.8271	0.00050934	0.285085	-3.50773	0.000376271	0.268735	-3.72114	29.1872	24.699	0.752202	1
cg19922860	0.000492482	0.304895	-3.27982	0.117437	0.690656	-1.4479	0.2562	0.772625	-1.29429	0.0013438	0.362752	-2.7567	10.2518	7.69179	0.666921	1
cg16167304	0.858417	1.07494	1.07494	0.160365	1.83484	1.83484	0.69461	0.852411	-1.17314	0.0244373	0.337875	-2.95967	4.3093	11.1783	2.30577	1
cg09792758	?	?	?	0.196459	0.542393	-1.84368	0.0271571	0.309956	-3.22626	0.28936	1.63659	1.63659	6.97956	19.7139	2.82452	1
cg11678767	0.780065	1.10869	1.10869	0.0442542	0.426674	-2.34371	0.20319	1.64065	1.64065	0.726757	1.13804	1.13804	7.45594	16.042	1.91251	1
cg18995182	0.0607661	0.468751	-2.13333	0.506159	0.785229	-1.27351	0.60609	0.829907	-1.20495	0.7256	0.881347	-1.13463	4.92394	10.0186	1.80859	1
cg11552293	0.911823	0.969874	-1.03106	0.000127652	0.158792	-6.29755	0.0710607	0.573025	-1.74512	0.928367	0.975476	-1.02514	12.2872	14.8386	1.07346	1
cg00815013	0.0299134	0.209617	-4.77061	0.56886	0.703145	-1.42218	0.0218192	5.38421	5.38421	0.00758587	8.16933	8.16933	5.13288	30.4114	5.2665	1
cg12542857	0.951273	1.01968	1.01968	0.837388	1.06773	1.06773	0.695971	0.882289	-1.13342	0.528319	0.815677	-1.22598	13.9343	22.4442	1.43175	1
cg24275475	0.0299979	0.15954	-6.26804	0.913395	0.924761	-1.08136	0.00782077	11.6408	11.6408	0.00110476	31.7394	31.7394	7.08105	57.9747	7.2776	1
cg05064925	0.0371484	0.082365	-12.1411	0.722924	0.692587	-1.44386	0.0352357	12.5602	12.5602	0.00859517	31.7555	31.7555	4.36645	73.6244	14.9879	1
cg14350693	0.0454302	0.649707	-1.53915	0.00381769	0.480435	-2.08145	0.00101395	0.400009	-2.49994	0.0294671	0.617631	-1.61909	16.5104	9.23574	0.497235	1
cg13602761	0.0127174	0.511438	-1.95527	0.00153903	0.37277	-2.68262	2.96E-05	0.170005	-5.88218	0.0110181	0.501262	-1.99497	12.4743	9.26577	0.660259	1
cg13917918	0.154258	0.717442	-1.39384	0.000535296	0.309385	-3.23222	0.00130764	0.360977	-2.77026	0.00440953	0.437107	-2.28777	12.0393	9.0399	0.667437	1
cg14194478	0.539211	1.10012	1.10012	0.000128584	0.359947	-2.77818	0.0112622	0.614279	-1.62793	0.00042149	0.424127	-2.35778	10.5334	3.93039	0.331676	1
cg13567205	0.164181	0.737141	-1.35659	0.000828311	0.355462	-2.81324	0.00129894	0.381934	-2.61825	0.0110952	0.51982	-1.92374	10.3893	6.94571	0.594262	1
cg13910822	0.554567	0.7736	-1.29266	0.000136457	0.0587468	-17.0222	0.00349298	0.182356	-5.48379	0.017717	0.289789	-3.45079	9.23859	26.9857	2.59642	1
cg14207613	0.0854698	0.627087	-1.59468	0.00339516	0.376198	-2.65817	0.0429707	0.564538	-1.77136	0.704268	0.910638	-1.09813	6.99142	6.67233	0.848319	1
cg13438095	0.775711	1.06636	1.06636	0.000118943	0.219964	-4.54621	0.132593	0.694164	-1.44058	0.839185	1.04677	1.04677	6.77896	5.43247	0.712332	1
cg08029329	0.134881	1.28979	1.28979	0.00137856	0.480711	-2.08025	0.185001	0.800963	-1.2485	0.00331202	0.531781	-1.88047	6.42824	2.53766	0.350904	1
cg13516654	0.208724	0.650782	-1.53661	0.137762	0.595652	-1.67883	0.00750925	0.327788	-3.05076	0.0176708	0.3924	-2.54842	5.96593	9.92897	1.47936	1
cg14021321	0.540863	1.12223	1.12223	0.868414	0.969585	-1.03137	0.00107252	0.406544	-2.45976	0.247042	0.798143	-1.25291	5.91439	3.25034	0.488501	1
cg14548802	0.164953	0.422285	-2.36807	0.00199067	0.0788094	-12.6888	0.00631978	0.126253	-7.92063	0.0439126	0.259853	-3.84834	5.51959	29.607	4.76799	1
cg21208686	0.467592	0.756021	-1.32272	0.00705709	0.267768	-3.73458	0.00303552	0.215045	-4.65019	0.0559291	0.440692	-2.26916	5.39424	12.2327	2.01575	1
cg14482968	0.0991239	0.36106	-2.76962	0.00306634	0.101814	-9.82185	0.00476238	0.121011	-8.2637	0.197416	0.46405	-2.15494	5.23662	26.3331	4.4699	1
cg13649103	0.547586	1.15622	1.15622	0.000543302	0.277425	-3.60458	0.591454	0.87877	-1.13795	0.0692898	0.615869	-1.62372	5.0934	4.58928	0.80091	1
cg14070775	0.0990116	1.51416	1.51416	0.737135	0.925638	-1.08034	0.00148658	0.349529	-2.861	0.207689	0.737314	-1.35627	5.08569	4.23797	0.740723	1
cg07300559	0.827365	0.928908	-1.07653	0.512968	0.799292	-1.25111	0.245896	0.663803	-1.50647	0.0448769	0.459629	-2.17567	4.81203	8.68878	1.60501	1
cg14525703	0.0080094	0.333195	-3.00125	0.0483297	0.482051	-2.07447	0.202956	0.647463	-1.54449	0.261363	0.684657	-1.46058	4.75089	7.87091	1.47264	1
cg24354213	0.937562	1.01892	1.01892	0.496638	0.847809	-1.17951	0.870264	1.03987	1.03987	0.280336	0.764574	-1.30792	4.58409	4.15427	0.805543	1
cg14340852	0.488324	1.11876	1.11876	0.218905	1.22889	1.22889	0.0173631	0.630163	-1.58689	0.140349	1.28769	1.28769	4.45258	1.79179	0.357702	1
cg14198873	0.224877	1.19335	1.19335	0.0162678	1.50299	1.50299	0.0427308	0.723648	-1.38189	0.586913	0.926751	-1.07904	4.09254	1.24628	0.270689	1
cg21229975	0.531353	0.825253	-1.21175	0.0963063	0.575133	-1.73873	0.933484	1.02561	1.02561	0.78261	0.919629	-1.08739	4.0412	5.87301	1.29181	1
cg14582636	0.823836	0.947274	-1.05566	0.697828	0.909567	-1.09942	0.803744	0.941303	-1.06236	0.13812	1.47385	1.47385	4.0158	3.75382	0.830901	1
cg13756251	0.0786799	0.23268	-4.29776	0.00565341	0.066463	-15.046	0.0571287	0.200496	-4.98762	0.0476371	0.184297	-5.42601	3.95746	34.9397	7.84785	1
cg13969662	0.267216	1.58035	1.58035	0.539413	1.27891	1.27891	0.51872	1.29567	1.29567	0.0684124	0.445851	-2.2429	3.71076	9.21308	2.20693	1
cg13596370	0.590261	1.28467	1.28467	0.162793	1.98695	1.98695	0.461056	1.41314	1.41314	0.188774	0.52643	-1.89959	3.70275	12.4535	2.98961	1
cg14113739	0.344561	0.673424	-1.48495	0.0181015	0.311689	-3.20832	0.0278492	0.347984	-2.87369	0.0832486	0.458978	-2.17876	3.6617	9.56464	2.32185	1
cg13492737	0.701849	0.892748	-1.12014	0.959902	0.98528	-1.01494	0.00465635	0.329561	-3.03434	0.165964	0.646792	-1.54609	3.46374	4.77234	1.22471	1
cg13749670	0.188499	1.28311	1.28311	0.00237225	2.13452	2.13452	0.527227	0.891713	-1.12144	0.288768	0.821171	-1.21777	3.41328	1.7304	0.450632	1
cg26024843	0.19675	1.21857	1.21857	0.704378	0.946284	-1.05677	2.36E-05	3.3949	3.3949	0.0183335	1.51376	1.51376	9.76847	3.24569	0.295344	1
cg22321810	0.433633	1.15826	1.15826	0.221909	0.789725	-1.26626	0.654276	1.08642	1.08642	0.000607697	0.378479	-2.64215	19.8851	9.46592	0.476031	1
cg07466651	3.28E-05	0.2301	-4.34594	0.0332444	1.57353	1.57353	0.857703	0.967838	-1.03323	0.000338669	0.349249	-2.86329	14.8281	7.79159	0.467078	1
cg10765212	0.440242	0.854307	-1.17054	0.00434224	0.466498	-2.14363	0.0242204	1.71174	1.71174	0.775639	0.944437	-1.05883	8.39855	5.3237	0.563451	1
cg18445715	0.607959	1.12437	1.12437	0.00224104	2.6366	2.6366	0.0218126	1.86566	1.86566	0.447	1.19195	1.19195	6.69372	5.4413	0.722575	1
cg08466256	0.141757	0.411336	-2.4311	0.00198765	0.0858179	-11.6526	0.119029	0.386215	-2.58923	0.0205586	0.208292	-4.80095	4.27286	21.3974	4.45133	1
cg19698099	0.798715	1.05214	1.05214	0.182517	1.32494	1.32494	0.0858726	1.45864	1.45864	0.0911751	0.690715	-1.44777	4.16365	2.60834	0.55685	1
cg17177699	0.392713	0.91079	-1.09795	0.00191724	0.625716	-1.59817	0.00013416	2.02608	2.02608	0.547238	1.06716	1.06716	13.363	2.41038	0.160335	1
cg20478934	0.569348	1.21773	1.21773	5.94E-05	0.0785324	-12.7336	0.000524408	0.157009	-6.36908	0.496894	0.78956	-1.26653	12.4092	23.0607	1.65187	1
cg25580825	0.0418213	0.521584	-1.91724	0.0131921	0.426354	-2.34547	0.0116957	0.41726	-2.39659	0.253448	0.718273	-1.39223	3.90471	4.7604	1.08368	1
cg19835478	0.00566566	2.31567	2.31567	0.0623202	1.62484	1.62484	0.10338	1.50999	1.50999	0.556411	1.14754	1.14754	17.8792	15.155	0.753452	1
cg04064254	0.000375964	0.680934	-1.46857	0.0224799	1.20294	1.20294	0.00425979	1.29501	1.29501	0.0147639	0.81644	-1.22483	10.0537	0.727464	0.0643183	1
cg06139893	0.083947	1.30323	1.30323	0.0557607	0.740699	-1.35008	0.015136	1.51183	1.51183	0.873798	0.978226	-1.02226	7.29232	2.2152	0.270019	1
cg08919443	0.746075	0.964535	-1.03677	0.00852621	1.45217	1.45217	0.955163	0.993771	-1.00627	0.00353221	0.64434	-1.55197	6.72934	1.31636	0.17388	1
cg17667648	0.121428	0.613535	-1.6299	0.0361044	0.492087	-2.03216	0.277626	1.38884	1.38884	0.0220462	0.449839	-2.22302	6.31677	8.46769	1.19156	1
cg10809449	0.0964379	1.38232	1.38232	0.00183531	2.19247	2.19247	0.64441	1.08593	1.08593	0.898018	0.977512	-1.02301	4.80636	2.39522	0.442972	1
cg21308336	0.663158	0.938636	-1.06538	0.0231726	1.4803	1.4803	0.374046	1.14093	1.14093	0.545285	0.915345	-1.09248	4.26012	1.40877	0.293945	1
cg27063255	0.977956	0.994338	-1.00569	0.00638937	2.07368	2.07368	0.655389	0.911814	-1.09671	0.120743	0.707621	-1.41319	3.95207	2.64383	0.594643	1
cg07008701	0.14802	1.30553	1.30553	7.11E-05	0.288151	-3.4704	0.0686139	1.41934	1.41934	0.00229787	0.480911	-2.07939	76.1814	35.6125	0.415529	1
cg00674428	0.170767	0.836649	-1.19524	1.25E-06	0.217504	-4.59763	0.811341	1.02967	1.02967	0.000209559	0.468481	-2.13456	71.1132	16.8392	0.210483	1
cg02740435	0.00653953	0.447516	-2.23456	0.212537	0.741703	-1.34825	0.757885	0.932052	-1.0729	0.000554838	0.295396	-3.38529	20.1553	16.5325	0.729114	1
cg07544102	0.373652	0.868422	-1.15151	0.470044	1.12023	1.12023	0.12608	1.29134	1.29134	0.00212179	0.513139	-1.94879	8.64284	3.26654	0.335954	1
cg14075645	0.752724	0.974011	-1.02668	0.114828	1.15358	1.15358	0.0179902	1.2706	1.2706	0.00636071	0.743851	-1.34436	4.33266	0.476341	0.097726	1
cg13902069	0.046535	1.20281	1.20281	0.122387	1.14524	1.14524	0.145494	1.13497	1.13497	0.028705	1.23247	1.23247	3.58124	0.372163	0.0923735	1
cg10435849	4.66E-05	0.723458	-1.38225	3.35E-05	1.40341	1.40341	0.00128155	1.2187	1.2187	0.487391	1.03017	1.03017	41.7994	1.17485	0.0249839	1
cg24784350	0.722031	0.950241	-1.05236	0.00136197	0.514662	-1.94302	0.233517	0.836546	-1.19539	0.871416	0.97712	-1.02342	11.6076	3.75335	0.287425	1
cg00929658	0.0383815	1.88466	1.88466	0.0949108	1.62379	1.62379	0.084849	0.6045	-1.65426	0.471763	1.2133	1.2133	6.67729	7.37825	0.982201	1
cg12423553	0.0196412	0.415035	-2.40944	0.0725109	1.86855	1.86855	0.0944327	1.77455	1.77455	0.899893	0.961498	-1.04004	5.02149	7.74041	1.37018	1
cg03214640	0.00357556	0.505645	-1.97767	0.0310601	1.54864	1.54864	0.104464	1.3589	1.3589	0.0117033	0.580249	-1.7234	4.99788	2.36353	0.420361	1
cg12329404	0.448946	0.763715	-1.30939	0.00087187	0.174723	-5.72336	0.249609	0.656818	-1.52249	0.225036	0.640717	-1.56075	4.89743	9.46611	1.71811	1
cg10099638	0.598803	1.16762	1.16762	0.00539252	2.91315	2.91315	0.0526376	1.90231	1.90231	0.084122	1.74684	1.74684	4.72129	6.37069	1.19943	1
cg21274607	0.216697	1.56332	1.56332	0.90387	1.0424	1.0424	0.593516	0.830953	-1.20344	0.507003	0.793428	-1.26035	3.97794	7.44359	1.66331	1
cg10811880	0.0533154	0.531149	-1.88271	0.352157	0.758839	-1.3178	0.0208703	2.22866	2.22866	0.711701	1.11293	1.11293	3.8124	4.45867	1.16952	1
cg07780114	0.0470362	0.41538	-2.40743	0.734032	0.876502	-1.1409	0.483628	0.759453	-1.31674	0.0108068	0.290113	-3.44693	3.46363	8.19538	2.10322	1
cg02561425	0.0912947	1.35582	1.35582	0.000117315	0.331512	-3.01649	0.161574	1.27722	1.27722	0.0901861	0.736636	-1.35752	13.0298	5.529	0.377188	1
cg13502931	0.573361	0.903524	-1.10678	0.000783671	2.47316	2.47316	0.0804443	1.41303	1.41303	0.594775	0.908712	-1.10046	10.6221	5.34837	0.447569	1
cg22944062	0.108399	0.631976	-1.58234	0.901884	1.03285	1.03285	0.138039	0.658065	-1.51961	0.26861	0.7394	-1.35245	9.42371	10.2475	0.966592	1
cg12681727	0.00525339	2.68215	2.68215	0.000246082	5.0699	5.0699	0.00506126	2.70046	2.70046	0.0397346	1.89142	1.89142	8.46433	9.63097	1.0114	1
cg27168661	0.125282	1.29072	1.29072	0.00156156	0.496993	-2.0121	0.508343	0.90194	-1.10872	0.0016186	0.499048	-2.00381	8.30953	3.11347	0.333054	1
cg10859789	0.815861	0.972267	-1.02852	0.000794519	1.84222	1.84222	0.405317	1.10811	1.10811	0.0838897	1.25938	1.25938	6.59585	1.51854	0.204646	1
cg21082678	0.422489	1.2511	1.2511	0.465724	1.22505	1.22505	0.882904	1.04112	1.04112	0.184594	0.680605	-1.46928	6.34205	7.5094	1.0525	1
cg21136443	0.290911	1.56518	1.56518	0.00653231	0.235864	-4.23972	0.912945	0.956282	-1.04572	0.052341	0.405756	-2.46453	4.72519	12.5044	2.35228	1
cg05223158	0.906686	0.980164	-1.02024	0.165053	1.28791	1.28791	0.630815	1.08625	1.08625	0.757217	0.948399	-1.05441	4.01827	1.85776	0.41096	1
cg11391970	0.496801	1.17595	1.17595	0.0622119	1.63747	1.63747	0.505485	0.853235	-1.17201	0.269199	0.763143	-1.31037	3.8955	3.4046	0.776874	1
cg08957605	0.221028	1.21482	1.21482	0.0107381	1.62401	1.62401	0.0686994	1.36097	1.36097	0.043968	1.41928	1.41928	3.42579	1.24137	0.322098	1
cg14288066	0.396417	0.840595	-1.18963	0.0967732	0.694529	-1.43982	0.000350823	0.317044	-3.15414	0.00121663	0.388009	-2.57726	23.8667	15.1129	0.562861	1
cg03384959	0.727166	1.05178	1.05178	7.35E-05	0.353781	-2.82661	0.00827302	0.614653	-1.62693	0.000960503	0.492226	-2.03159	21.8641	7.194	0.292474	1
cg19272547	0.115476	1.17009	1.17009	4.63E-06	2.62336	2.62336	0.0084482	0.734407	-1.36164	0.69457	0.964423	-1.03689	20.1829	2.69353	0.118627	1
cg00146565	0.453442	1.12743	1.12743	0.534801	1.10376	1.10376	0.118623	0.766404	-1.30479	0.589374	1.08934	1.08934	17.9507	7.01176	0.347211	1
cg23417677	0.006211	0.515775	-1.93883	0.255804	0.802402	-1.24626	0.264577	1.24084	1.24084	0.528452	0.888234	-1.12583	13.8698	7.5652	0.484841	1
cg15747921	0.126848	0.795342	-1.25732	0.287519	1.16548	1.16548	0.254542	0.847912	-1.17937	0.0652499	0.75051	-1.33243	11.2262	3.41908	0.270722	1
cg15120555	0.303285	1.08957	1.08957	0.000329064	1.59466	1.59466	0.181308	1.12095	1.12095	0.487795	1.05835	1.05835	9.30403	0.953805	0.0911246	1
cg27049194	0.280104	0.765781	-1.30586	9.19E-05	0.190155	-5.25885	0.998935	1.00032	1.00032	0.267747	0.760034	-1.31573	8.68838	7.77335	0.795274	1
cg08158160	0.0280842	1.50646	1.50646	0.0655878	1.386	1.386	0.666383	0.93378	-1.07092	0.00896505	0.591538	-1.69051	7.96299	3.14691	0.351282	1
cg00779216	0.00353702	0.434962	-2.29905	0.0376973	1.66118	1.66118	0.109211	0.692292	-1.44448	0.0218633	0.560316	-1.78471	7.86426	5.52155	0.624094	1
cg08170141	0.00194506	0.283245	-3.53051	0.0871884	0.58067	-1.72215	0.0837901	0.576519	-1.73455	0.00216048	0.28958	-3.45327	7.35226	9.64609	1.16621	1
cg27451920	0.00745668	0.373735	-2.67569	0.332976	1.33013	1.33013	0.321191	0.746194	-1.34013	0.00452274	0.339351	-2.94681	5.33392	6.89313	1.14873	1
cg14556851	0.26144	1.26073	1.26073	0.000599875	0.350842	-2.85028	0.872982	1.03216	1.03216	0.319423	0.815821	-1.22576	5.30145	3.28635	0.55102	1
cg17725364	0.106371	0.806621	-1.23974	0.00406267	1.60018	1.60018	0.428947	0.906275	-1.10342	0.00499408	0.635836	-1.57273	5.15382	1.2124	0.209105	1
cg05688616	0.140194	0.723718	-1.38175	0.583187	1.11954	1.11954	0.396997	1.1933	1.1933	0.992547	0.998099	-1.0019	4.49899	2.9582	0.584466	1
cg25431120	0.219344	1.42543	1.42543	0.672547	1.12374	1.12374	0.374954	0.778878	-1.2839	0.348668	0.767379	-1.30314	4.12469	4.91966	1.06021	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13501202	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0328844	0.375157	1.42474	1.42474	0.81444	1.09574	1.09574	0.146644	0.545599	-1.83285	0.141716	1.84867	1.84867	0.00153833	0.169959	-5.88377
cg21386952	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0332591	0.169543	0.817108	-1.22383	0.0601976	1.3399	1.3399	0.094764	1.28847	1.28847	0.0401343	1.38729	1.38729	0.471299	0.903801	-1.10644
cg08582599	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0344127	0.630312	0.859197	-1.16388	0.713969	1.1221	1.1221	0.275705	0.701279	-1.42597	0.0306255	0.451655	-2.21408	0.000802465	0.205291	-4.87113
cg23411240	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0484476	0.732141	0.927032	-1.07871	0.0935407	1.50192	1.50192	0.0200686	0.538689	-1.85636	0.879417	0.967076	-1.03405	0.789703	1.06072	1.06072
cg00573606	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.00498143	0.000906904	0.388692	-2.57273	0.00749264	1.92601	1.92601	0.0195819	0.584441	-1.71104	0.91939	0.980909	-1.01946	0.00552154	0.499345	-2.00262
cg24005667	COL6A4P2	1.93E-06	0.369334	0.89635	-1.11564	0.013342	0.695024	-1.4388	2.99E-06	0.266826	-3.74776	0.00286417	0.614497	-1.62735	8.04E-08	0.12127	-8.24606
cg07577713	COL6A4P2	6.99E-05	0.46572	0.873753	-1.14449	0.751552	0.943894	-1.05944	0.0570963	0.676149	-1.47896	3.08E-05	0.227813	-4.38956	0.000112467	0.291215	-3.43389
cg14174379	COL6A4P2	0.0018536	0.0917341	0.802743	-1.24573	0.0195322	0.716058	-1.39654	0.401295	0.903334	-1.10701	0.0894869	0.801264	-1.24803	0.699056	1.04705	1.04705
cg21839588	COL6A4P2	0.0141666	0.0978512	0.445792	-2.2432	0.00668311	0.209029	-4.78403	0.00608745	0.203281	-4.91929	0.326903	0.637466	-1.56871	0.0215054	0.292723	-3.4162
cg19709670	COL6A4P2	0.0183211	0.161902	0.701602	-1.42531	0.406637	0.817559	-1.22315	0.136285	0.683256	-1.46358	0.524946	1.16517	1.16517	0.00120177	0.324424	-3.08239
cg17937340	COL6A6	7.61E-05	0.0931477	0.648589	-1.54181	0.0393226	0.571851	-1.74871	0.00485858	0.416733	-2.39962	0.0820595	0.63661	-1.57082	0.00548876	0.424926	-2.35335
cg15922045	COL6A6	0.000270754	0.413629	0.755276	-1.32402	0.197723	0.633034	-1.57969	0.0392098	0.448744	-2.22844	0.0655539	0.499539	-2.00185	6.45E-05	0.0849556	-11.7709
cg14720996	COL6A6	0.000352041	0.829324	0.942133	-1.06142	0.00561135	0.366405	-2.72922	0.00108333	0.263947	-3.78864	0.604759	1.15508	1.15508	0.610447	1.15242	1.15242
cg02092276	COL6A6	0.000886717	0.167078	0.670195	-1.4921	0.0180941	0.458419	-2.18141	0.000670057	0.243176	-4.11224	0.642686	0.880787	-1.13535	0.000166803	0.175186	-5.70822
cg13067649	COL6A6	0.00165906	0.125376	0.637	-1.56986	0.715729	0.905344	-1.10455	0.0369146	0.517402	-1.93273	0.0022117	0.311582	-3.20943	0.00145688	0.286477	-3.49068
cg07441263	COL6A6	0.00493039	0.147942	0.735595	-1.35944	0.0144493	0.550846	-1.81539	0.0430562	0.630945	-1.58492	0.0127132	0.541954	-1.84518	0.339255	1.21515	1.21515
cg21567371	COL7A1	7.94E-07	9.00E-09	0.05089	-19.6502	0.000768966	1.90807	1.90807	0.484903	0.913906	-1.0942	0.769619	0.963434	-1.03795	0.000867265	0.530483	-1.88508
cg00178511	COL7A1	0.000223965	?	?	?	0.0366465	2.91125	2.91125	0.253237	0.591471	-1.6907	0.00580061	4.90562	4.90562	9.80E-06	0.0152333	-65.6458
cg17913386	COL7A1	0.000737798	0.010983	0.379429	-2.63554	0.00699778	2.88402	2.88402	0.0274766	0.452974	-2.20763	0.000242397	6.31757	6.31757	0.00747526	0.351397	-2.84578
cg07157951	COL7A1	0.000923151	0.00190577	0.352075	-2.8403	0.881788	0.965296	-1.03595	0.00018119	0.222319	-4.49803	0.288811	0.769992	-1.29872	0.000200484	0.227278	-4.3999
cg00057231	COL7A1	0.00201824	0.0389429	1.81453	1.81453	0.00410372	2.61116	2.61116	0.690394	1.10495	1.10495	0.29552	1.3105	1.3105	0.219985	0.725073	-1.37917
cg08772752	COL7A1	0.00320495	0.109724	0.50047	-1.99812	0.000974776	7.01252	7.01252	0.250574	0.62088	-1.61062	0.000730561	7.6781	7.6781	0.0124322	0.290843	-3.43829
cg08977790	COL7A1	0.00349097	0.00104172	0.292061	-3.42394	0.169599	1.44912	1.44912	0.660083	1.11875	1.11875	0.902208	0.969314	-1.03166	0.923039	0.975799	-1.0248
cg11846236	COL7A1	0.00601421	0.0342625	0.360904	-2.77082	0.0102115	3.80478	3.80478	0.544352	0.776327	-1.28812	0.00199619	6.05295	6.05295	0.0606207	0.417758	-2.39373
cg03548224	COL7A1	0.0146853	0.0354434	0.293994	-3.40143	0.0165468	0.231422	-4.3211	0.0331513	0.287939	-3.47296	0.270921	1.77358	1.77358	0.0110324	0.203155	-4.92235
cg23328613	COL7A1	0.0191348	0.0201047	0.535819	-1.8663	0.80187	1.05754	1.05754	0.430643	1.19602	1.19602	0.840794	0.956231	-1.04577	0.24318	0.762045	-1.31226
cg12448161	COL7A1	0.0199307	0.208885	0.607886	-1.64505	0.273749	1.53414	1.53414	0.15539	0.564803	-1.77053	0.00557267	3.92796	3.92796	0.0194132	0.345768	-2.89211
cg00158683	COL7A1	0.0452995	0.17923	0.375625	-2.66223	0.10861	3.32375	3.32375	0.0356078	0.186622	-5.35843	0.0299455	5.77047	5.77047	0.0390629	0.194147	-5.15074
cg17183531	COL7A1	0.0463385	0.0150715	0.301919	-3.31214	0.021749	0.331444	-3.0171	0.0876352	0.469599	-2.12948	0.375848	0.694638	-1.4396	0.00542939	0.230673	-4.33514
cg10179004	COL7A1;UCN2	0.000930042	0.783608	1.08228	1.08228	0.430009	1.26033	1.26033	0.00211766	0.289114	-3.45884	0.00281118	0.306588	-3.26171	6.72E-05	0.122858	-8.13945
cg22065514	COL7A1;UCN2	0.0118943	0.243124	0.696809	-1.43511	0.155012	0.637554	-1.56849	0.00354303	0.310656	-3.21899	0.0197391	0.434845	-2.29967	0.000662075	0.213933	-4.67436
cg02441647	COL8A1;COL8A1;MIR548G;COL8A1;COL8A1	2.04E-05	0.14219	1.49205	1.49205	1.92E-05	9.04451	9.04451	0.289364	1.32169	1.32169	0.020688	2.02698	2.02698	0.0122039	0.452954	-2.20773
cg18056266	COL8A1;MIR548G;COL8A1	8.99E-06	0.0750698	0.842525	-1.18691	0.920888	0.99145	-1.00862	0.404698	0.92895	-1.07648	0.253531	0.902055	-1.10858	0.898043	1.01114	1.01114
cg21900069	COL8A1;MIR548G;COL8A1	0.000276143	0.27834	0.813414	-1.22939	0.268411	0.809622	-1.23514	0.000162167	0.307466	-3.2524	0.0233106	0.608575	-1.64318	0.000200493	0.318706	-3.13769
cg17918158	COL8A1;MIR548G;COL8A1	0.00039238	0.000177319	0.206937	-4.83238	0.339248	0.783337	-1.27659	0.0012842	0.312377	-3.20126	0.00805318	0.431057	-2.31988	0.00405019	0.384116	-2.60338
cg05283542	COL8A1;MIR548G;COL8A1	0.000400891	0.776671	0.921186	-1.08556	0.0816462	1.74552	1.74552	0.893526	1.03941	1.03941	0.0168209	2.32116	2.32116	0.00675064	0.362864	-2.75586
cg09545918	COL8A1;MIR548G;COL8A1	0.00549187	0.184588	0.537047	-1.86203	0.00205778	0.146914	-6.80669	0.0150023	0.266888	-3.74689	0.248771	0.587091	-1.70331	0.000437616	0.0858996	-11.6415
cg16759218	COL8A1;MIR548G;COL8A1	0.00776546	0.247248	1.33524	1.33524	0.0851851	1.57586	1.57586	0.610632	0.884518	-1.13056	0.0178356	0.502474	-1.99015	0.00400884	0.396922	-2.51939
cg20530613	COL8A1;MIR548G;COL8A1	0.0143398	0.0456395	0.57268	-1.74618	0.643838	1.11991	1.11991	0.173928	0.703386	-1.42169	0.00690713	0.427215	-2.34074	0.743625	0.923277	-1.0831
cg03277051	COL8A1;MIR548G;COL8A1	0.0152477	0.43203	0.895943	-1.11614	0.37873	1.13173	1.13173	0.128146	1.25279	1.25279	0.544879	0.919463	-1.08759	0.0137752	0.65888	-1.51773
cg14976283	COL8A1;MIR548G;COL8A1	0.026045	0.0250386	0.547442	-1.82668	0.110471	0.674966	-1.48156	0.0555767	0.612451	-1.63278	0.168613	0.717826	-1.3931	0.00316472	0.402014	-2.48747
cg14601416	COL8A2	0.00487511	0.0115993	0.607149	-1.64704	0.150396	1.27602	1.27602	0.334702	0.854435	-1.17036	0.716694	1.05932	1.05932	0.0015155	0.485622	-2.05921
cg17428913	COL8A2	0.00605442	0.454325	1.08086	1.08086	0.116774	1.18987	1.18987	0.101149	0.832654	-1.20098	0.286014	0.893116	-1.11968	0.0931515	0.828256	-1.20736
cg18931815	COL8A2	0.00835264	0.885725	0.957006	-1.04493	0.0111235	2.64502	2.64502	0.0296764	2.18629	2.18629	0.463729	0.796192	-1.25598	0.0306946	0.460349	-2.17226
cg15818357	COL8A2	0.00964986	0.908505	0.962131	-1.03936	0.0872932	1.88501	1.88501	0.92044	0.967009	-1.03412	0.294221	0.69397	-1.44098	0.00295516	0.254036	-3.93644
cg08264297	COL8A2	0.0117822	0.614265	0.920639	-1.0862	0.00492752	0.545516	-1.83313	0.861012	0.971888	-1.02892	0.762204	1.05062	1.05062	0.42138	0.874902	-1.14298
cg22380322	COL8A2	0.0305276	0.07239	0.592184	-1.68866	0.210424	0.708307	-1.41182	0.0015337	0.303787	-3.29178	0.0650877	0.58202	-1.71815	0.0106435	0.432036	-2.31462
cg14579051	COL9A1	0.0202306	0.012107	0.220603	-4.53302	0.0664759	0.369938	-2.70316	0.0063617	0.179771	-5.56262	0.0220903	0.26549	-3.76662	0.00545928	0.171023	-5.84717
cg11942059	COL9A1	0.0355901	0.0826796	0.63274	-1.58043	0.826827	1.05356	1.05356	0.0457411	0.579584	-1.72537	0.0726896	0.620729	-1.61101	0.109136	0.659641	-1.51598
cg25142479	COL9A1;COL9A1	0.000319317	0.000387489	2.67798	2.67798	0.113338	0.740889	-1.34973	0.388493	0.857418	-1.16629	0.132584	0.75392	-1.3264	2.26E-05	0.228153	-4.38302
cg25344064	COL9A1;COL9A1	0.00120999	0.0117554	0.492432	-2.03074	0.0248724	0.54824	-1.82402	0.482237	0.851486	-1.17442	0.59257	1.12929	1.12929	0.00113837	0.340517	-2.93671
cg05211057	COL9A1;COL9A1	0.00165469	0.0799966	0.468351	-2.13515	0.335176	1.47417	1.47417	0.0162821	0.317523	-3.14937	0.0109916	3.47603	3.47603	0.16099	0.557302	-1.79436
cg20682720	COL9A1;COL9A1	0.00586677	0.0326475	0.472221	-2.11765	0.273407	0.710293	-1.40787	0.0539432	0.518592	-1.9283	0.0293834	0.462998	-2.15984	0.000493801	0.194534	-5.14049
cg16862641	COL9A1;COL9A1	0.00774732	0.707572	0.885079	-1.12984	0.826247	0.931255	-1.07382	0.0537045	0.491797	-2.03336	0.0717819	1.91788	1.91788	0.146581	0.603634	-1.65663
cg21549422	COL9A1;COL9A1	0.00863902	0.199306	0.741089	-1.34937	0.470347	0.850218	-1.17617	0.617065	0.894598	-1.11782	0.89111	1.03073	1.03073	0.0142555	0.512802	-1.95007
cg18841159	COL9A1;COL9A1	0.0101618	0.627641	1.14703	1.14703	0.0281359	0.483027	-2.07028	0.00142553	0.273905	-3.65091	0.836451	1.05973	1.05973	0.917657	0.971394	-1.02945
cg00440217	COL9A1;COL9A1	0.0193059	0.0122346	0.150133	-6.66075	0.038567	0.233202	-4.28814	0.0153251	0.163927	-6.10028	0.0448809	0.246936	-4.04963	0.00383702	0.0937037	-10.6719
cg21413492	COL9A1;COL9A1	0.0267629	0.783106	0.912717	-1.09563	0.907841	1.03907	1.03907	0.526327	0.808563	-1.23676	0.259887	1.47548	1.47548	0.00334637	0.26673	-3.74911
cg22799499	COL9A2	4.69E-05	0.00989097	0.738244	-1.35457	0.00027327	0.573935	-1.74236	0.00636661	0.718461	-1.39186	0.084268	0.837077	-1.19463	2.80E-05	0.464005	-2.15515
cg14844588	COL9A2	8.66E-05	0.85362	1.02127	1.02127	4.18E-05	2.43215	2.43215	0.0188748	0.723203	-1.38274	0.0021996	1.63095	1.63095	0.00348162	0.636482	-1.57114
cg26011014	COL9A2	0.000469029	0.045621	1.68517	1.68517	0.00222528	2.65259	2.65259	0.143057	0.698813	-1.431	0.887367	0.968247	-1.03279	0.170997	0.71755	-1.39363
cg00068503	COL9A2	0.00109577	0.0257443	0.801771	-1.24724	0.0394166	1.2199	1.2199	0.189468	1.12293	1.12293	0.434742	1.06874	1.06874	0.0151319	1.28271	1.28271
cg11211040	COL9A2	0.00182743	0.409768	0.872692	-1.14588	0.00169201	0.484514	-2.06392	0.000447867	0.408863	-2.44581	0.908156	1.01882	1.01882	0.0129373	0.607529	-1.64601
cg12733396	COL9A2	0.00412136	0.530982	0.723076	-1.38298	0.00432252	7.02084	7.02084	0.465225	0.684057	-1.46187	0.0248256	3.91486	3.91486	0.194118	0.495652	-2.01754
cg26710722	COL9A2	0.00936634	0.269123	1.2982	1.2982	0.267636	1.29934	1.29934	0.284763	0.777274	-1.28655	0.00260053	2.57547	2.57547	0.624254	1.11846	1.11846
cg14163334	COL9A2	0.0113945	0.00650332	0.441856	-2.26318	0.494168	0.851857	-1.17391	0.00731877	0.44998	-2.22232	0.481679	1.17958	1.17958	0.001379	0.342532	-2.91943
cg23847109	COL9A2	0.0124156	0.627298	1.29821	1.29821	0.277395	1.82676	1.82676	0.139388	0.428067	-2.33609	0.0867612	2.74292	2.74292	0.735482	0.834543	-1.19826
cg26791464	COL9A2	0.0141716	0.0321596	3.0688	3.0688	0.00882608	4.43593	4.43593	0.0467048	2.76657	2.76657	0.0950778	2.2695	2.2695	0.0264709	3.24019	3.24019
cg07575466	COL9A2	0.0192789	0.055842	3.1034	3.1034	0.00164117	10.5574	10.5574	0.040109	3.45538	3.45538	0.841779	1.11013	1.11013	0.0229693	4.14507	4.14507
cg07063183	COL9A2	0.0271505	0.388669	0.910903	-1.09781	0.176929	1.1637	1.1637	0.0613816	0.800412	-1.24936	0.102858	0.828201	-1.20744	0.00791406	0.697837	-1.433
cg02576915	COL9A2	0.0363667	0.0504062	2.2786	2.2786	0.00862156	3.44512	3.44512	0.0147131	3.0309	3.0309	0.374291	1.40045	1.40045	0.290094	1.50003	1.50003
cg00808579	COL9A2	0.0459254	0.538075	0.862197	-1.15983	0.477705	1.1873	1.1873	0.831082	0.950465	-1.05212	0.33758	0.790474	-1.26506	0.351892	0.796248	-1.25589
cg06598544	COL9A3	0.000163719	0.013847	1.35553	1.35553	0.0694583	1.2252	1.2252	0.331234	0.904596	-1.10547	0.220355	0.879082	-1.13755	2.33E-05	0.429256	-2.32961
cg21686379	COL9A3	0.000205651	0.499079	0.87055	-1.1487	4.39E-06	8.48467	8.48467	0.0777272	0.672946	-1.486	0.119956	1.4061	1.4061	0.40486	0.84182	-1.1879
cg03775628	COL9A3	0.000940779	0.379441	1.20961	1.20961	0.000898655	2.85458	2.85458	0.00316064	0.426906	-2.34244	0.00954842	0.500194	-1.99923	0.000589298	0.326131	-3.06625
cg03835983	COL9A3	0.00151059	0.618423	1.07884	1.07884	5.36E-05	3.12314	3.12314	0.93154	1.01307	1.01307	0.146791	1.26535	1.26535	0.812088	0.964647	-1.03665
cg11698944	COL9A3	0.00183368	0.137289	0.660471	-1.51407	0.0249079	1.99728	1.99728	0.0282609	1.95676	1.95676	0.0216638	2.04322	2.04322	0.567626	1.16152	1.16152
cg13900920	COL9A3	0.00392392	0.945838	1.02124	1.02124	0.000214431	6.76592	6.76592	0.109393	1.71598	1.71598	0.726827	1.1146	1.1146	0.082101	0.551071	-1.81465
cg18014624	COL9A3	0.00430724	0.0514132	0.446697	-2.23865	0.000722684	6.48135	6.48135	0.00379675	4.13202	4.13202	0.140033	1.78057	1.78057	0.0371307	0.415058	-2.4093
cg27564579	COL9A3	0.0063803	0.723199	0.898546	-1.11291	0.0294301	0.462311	-2.16305	0.55551	0.835797	-1.19646	0.171088	1.55022	1.55022	0.0107204	0.381113	-2.62389
cg03798915	COL9A3	0.00683888	0.245828	0.772983	-1.29369	0.00359099	2.30841	2.30841	0.634086	0.903276	-1.10708	0.221531	0.7614	-1.31337	0.0546096	0.629681	-1.58811
cg07930469	COL9A3	0.00708892	0.0323823	0.286127	-3.49496	0.000469071	15.5841	15.5841	0.0147118	4.48092	4.48092	0.227193	1.88376	1.88376	0.149331	0.461947	-2.16475
cg11296498	COL9A3	0.00969984	0.102335	0.332532	-3.00723	0.0399637	4.3154	4.3154	0.69422	1.2755	1.2755	0.0857651	3.22031	3.22031	0.00916023	0.130256	-7.6772
cg16132351	COL9A3	0.0111922	0.217253	0.52638	-1.89977	0.00363787	6.99254	6.99254	0.00437386	6.56424	6.56424	0.156566	2.11512	2.11512	0.0781737	0.380075	-2.63106
cg07827435	COL9A3	0.0123769	0.0897234	0.452871	-2.20813	0.101612	2.13606	2.13606	0.21265	1.74344	1.74344	0.0400419	2.73162	2.73162	0.0204395	0.306353	-3.26421
cg02696351	COL9A3	0.0124306	0.79195	1.04747	1.04747	0.0401896	0.659775	-1.51567	0.0106018	1.75733	1.75733	0.237976	1.24213	1.24213	0.0240263	1.60349	1.60349
cg07845648	COL9A3	0.016182	0.0225492	0.35054	-2.85274	0.00183991	5.46073	5.46073	0.0280416	2.70691	2.70691	0.333901	1.46589	1.46589	0.166985	0.56815	-1.7601
cg19529074	COL9A3	0.0163233	0.609976	0.794463	-1.25871	0.00698473	0.210047	-4.76083	0.202777	0.548066	-1.8246	0.161083	0.511994	-1.95315	0.000486982	0.0867375	-11.529
cg16847645	COL9A3	0.0205235	0.044768	0.378316	-2.6433	0.0124528	3.71414	3.71414	0.0236016	3.12839	3.12839	0.641862	1.21852	1.21852	0.0216803	0.312527	-3.19972
cg15505615	COL9A3	0.0332542	0.352724	1.58788	1.58788	0.0019022	8.3913	8.3913	0.247168	1.79518	1.79518	0.653559	0.803759	-1.24415	0.402936	1.51268	1.51268
cg14880348	COL9A3	0.0373681	0.772319	1.15196	1.15196	0.00264992	7.5964	7.5964	0.0825923	2.55345	2.55345	0.5248	1.36923	1.36923	0.866255	0.921095	-1.08566
cg15457981	COL9A3	0.0376298	0.580051	0.770288	-1.29822	0.00300567	6.6858	6.6858	0.212962	1.84507	1.84507	0.424415	1.46368	1.46368	0.313981	0.614904	-1.62627
cg07305723	COL9A3	0.03897	0.706588	0.908953	-1.10017	0.936443	1.02034	1.02034	0.658295	0.893727	-1.11891	0.00771581	0.421467	-2.37267	0.0155741	0.472953	-2.11437
cg15266508	COL9A3	0.041098	0.0651258	0.301239	-3.31963	0.0337698	4.20529	4.20529	0.0831603	3.03877	3.03877	0.990109	0.992843	-1.00721	0.0137727	0.171314	-5.83723
cg20331689	COL9A3	0.0451377	0.053355	0.319326	-3.13159	0.0153607	4.69919	4.69919	0.157627	2.1944	2.1944	0.927786	0.953945	-1.04828	0.0323763	0.271704	-3.68047
cg18291290	COL9A3	0.0460452	0.0680417	0.397161	-2.51787	0.00735993	4.76275	4.76275	0.073344	2.4652	2.4652	0.19958	1.84485	1.84485	0.0922137	0.432793	-2.31057
cg10279872	COLEC10	0.0014022	0.0574891	0.487794	-2.05005	0.0293211	0.421677	-2.37148	0.00472982	0.275768	-3.62624	0.00443535	0.271347	-3.68532	0.000111307	0.0861289	-11.6105
cg07228028	COLEC10	0.00388612	0.409639	0.855102	-1.16945	0.00530148	0.505527	-1.97813	0.627015	0.913106	-1.09516	0.00685651	1.91549	1.91549	0.000707574	2.60627	2.60627
cg27041096	COLEC10	0.0138596	0.709365	0.867947	-1.15214	0.00342304	4.50137	4.50137	0.385926	0.714457	-1.39966	0.77163	1.11638	1.11638	0.0062457	0.259715	-3.85037
cg24048627	COLEC11;COLEC11	3.79E-07	2.52E-05	0.430639	-2.32213	4.81E-07	0.241051	-4.1485	4.38E-06	0.344341	-2.90409	0.0364451	0.782805	-1.27746	3.45E-08	0.136186	-7.3429
cg09256862	COLEC11;COLEC11	0.000112469	0.00144403	0.426891	-2.34252	0.0492106	0.660328	-1.5144	0.0339365	0.632727	-1.58046	0.0582552	0.673245	-1.48534	7.34E-06	0.160874	-6.21606
cg20362060	COLEC11;COLEC11	0.000345524	0.336335	0.848943	-1.17794	0.178058	1.26669	1.26669	0.00950418	0.581156	-1.72071	0.00139525	0.465366	-2.14885	0.00283213	0.507072	-1.97211
cg26101364	COLEC11;COLEC11	0.000567628	0.0139523	0.717812	-1.39312	0.00431009	1.51695	1.51695	0.00101886	0.587483	-1.70218	0.107939	0.82571	-1.21108	0.01649	0.726233	-1.37697
cg01745480	COLEC11;COLEC11	0.0020578	0.0103218	0.559856	-1.78617	0.475816	0.877957	-1.13901	0.00083785	0.405729	-2.4647	0.155181	0.761046	-1.31398	0.000295205	0.347076	-2.88121
cg08239899	COLEC11;COLEC11	0.00247786	0.0104426	0.671379	-1.48947	0.0586939	1.30201	1.30201	0.223312	1.17131	1.17131	0.01052	0.671778	-1.48859	0.658282	0.946477	-1.05655
cg08117126	COLEC11;COLEC11	0.00334002	0.141159	0.64389	-1.55306	0.000615679	0.230654	-4.3355	0.0146539	0.433457	-2.30704	0.0217843	0.464896	-2.15102	0.0024114	0.30862	-3.24023
cg21083023	COLEC11;COLEC11	0.00552242	0.0124775	0.335115	-2.98405	0.000872004	0.17268	-5.79106	0.000723901	0.163907	-6.10103	0.9698	0.986773	-1.0134	0.0499995	0.455621	-2.19481
cg09974661	COLEC11;COLEC11	0.00583533	0.937803	1.02549	1.02549	0.00217405	4.00406	4.00406	0.208249	1.53404	1.53404	0.36799	1.34749	1.34749	0.317519	0.716591	-1.3955
cg22277936	COLEC11;COLEC11	0.00613046	0.0977807	0.657805	-1.52021	0.630662	0.894311	-1.11818	0.560988	1.14516	1.14516	0.515245	0.85887	-1.16432	8.77E-05	0.197674	-5.05884
cg07921235	COLEC11;COLEC11	0.00809381	0.0297018	0.42435	-2.35655	0.135685	0.583539	-1.71368	0.0136726	0.360045	-2.77743	0.123787	0.572151	-1.74779	0.00347143	0.264785	-3.77665
cg08235183	COLEC11;COLEC11	0.0105949	0.0362351	0.331227	-3.01908	0.0263156	0.302544	-3.30531	0.00408898	0.174071	-5.74479	0.155947	0.502183	-1.99131	0.00420147	0.17556	-5.69605
cg21916898	COLEC11;COLEC11	0.011879	0.624908	0.888882	-1.12501	0.00483212	0.409189	-2.44386	0.000421875	0.262983	-3.80253	0.421312	1.21699	1.21699	0.665646	0.901286	-1.10953
cg09301086	COLEC11;COLEC11	0.0120304	0.573854	0.836736	-1.19512	0.466552	1.26164	1.26164	0.0795827	0.543161	-1.84107	0.652142	1.15297	1.15297	0.000265604	0.152829	-6.54324
cg09462453	COLEC11;COLEC11	0.0139821	0.0121111	0.386974	-2.58415	0.0106382	0.377221	-2.65097	0.0628087	0.529712	-1.88782	0.161215	0.634962	-1.5749	0.0064408	0.341118	-2.93154
cg05408590	COLEC11;COLEC11	0.0154441	0.0338565	0.461113	-2.16867	0.0698059	0.530695	-1.88432	0.00168026	0.24578	-4.06867	0.0328762	0.458483	-2.18111	0.168215	0.632003	-1.58227
cg15955046	COLEC11;COLEC11	0.0172182	0.0647919	0.736388	-1.35798	0.165376	1.24397	1.24397	0.00623391	0.59096	-1.69216	0.0776738	0.748775	-1.33551	0.531116	1.09812	1.09812
cg02093176	COLEC11;COLEC11	0.0212346	0.0412711	0.416662	-2.40002	0.776209	1.11181	1.11181	0.0197126	0.35085	-2.85022	0.0247228	0.369962	-2.70298	0.0161353	0.33465	-2.9882
cg08059366	COLEC11;COLEC11	0.0242032	0.198951	1.66368	1.66368	0.393079	1.38832	1.38832	0.0470695	0.426457	-2.3449	0.28126	0.657068	-1.52191	0.0171257	0.336325	-2.97332
cg19183742	COLEC11;COLEC11	0.0254177	0.963183	1.01558	1.01558	0.928545	1.03049	1.03049	0.121511	0.570004	-1.75437	0.050881	2.10595	2.10595	0.0387755	2.22837	2.22837
cg21542366	COLEC11;COLEC11	0.0259532	0.6543	0.947091	-1.05587	0.72106	0.957682	-1.04419	0.351691	0.890838	-1.12254	0.165943	1.19504	1.19504	0.0696187	1.27729	1.27729
cg27472937	COLEC11;COLEC11	0.0325051	0.1798	0.587205	-1.70298	0.494534	0.771649	-1.29593	0.0138054	0.320683	-3.11835	0.519748	0.783599	-1.27616	0.0262469	0.373365	-2.67835
cg10945539	COLEC11;COLEC11	0.0360015	0.0758976	0.585205	-1.7088	0.0123775	2.32689	2.32689	0.748697	1.09109	1.09109	0.387565	1.27152	1.27152	0.0392796	0.52368	-1.90956
cg21205320	COLEC11;COLEC11	0.0369923	0.033458	0.291594	-3.42943	0.0141515	0.222776	-4.48881	0.0370055	0.300809	-3.32437	0.122653	0.4362	-2.29253	0.0140807	0.222421	-4.49597
cg19867917	COLEC11;COLEC11	0.0428512	0.77739	1.17849	1.17849	0.0221081	4.90398	4.90398	0.164858	2.35972	2.35972	0.450899	1.56066	1.56066	0.46404	0.649322	-1.54007
cg02645778	COLEC11;COLEC11	0.0464206	0.932375	0.964994	-1.03628	0.0362304	0.359723	-2.77992	0.0729316	0.431787	-2.31596	0.283142	1.59712	1.59712	0.028303	0.337203	-2.96557
cg26615126	COLEC11;COLEC11	0.0493382	0.0866758	0.584968	-1.7095	0.0132673	2.38599	2.38599	0.157676	1.53433	1.53433	0.13753	1.57332	1.57332	0.0915707	0.590714	-1.69287
cg00835279	COLEC11;COLEC11;COLEC11;COLEC11	0.0405799	0.982528	1.01299	1.01299	0.0297845	4.51614	4.51614	0.151211	2.47625	2.47625	0.250045	2.03128	2.03128	0.161607	0.414279	-2.41383
cg25570929	COLEC12	0.000945253	0.00594818	0.503868	-1.98465	0.531716	0.886282	-1.12831	0.674011	0.922539	-1.08397	0.65212	0.917151	-1.09033	3.73E-05	0.220868	-4.52759
cg13569424	COLEC12	0.0267401	0.0142003	0.231106	-4.32702	0.311308	0.602172	-1.66066	0.46327	0.696627	-1.43549	0.670864	1.22996	1.22996	0.01109	0.213929	-4.67445
cg10127490	COLQ;COLQ	0.0069177	0.0563441	0.530316	-1.88567	0.916696	1.03119	1.03119	0.669854	0.881713	-1.13416	0.352431	0.755123	-1.32429	0.000523364	0.204535	-4.88913
cg15503597	COLQ;COLQ	0.0227328	0.660191	0.927336	-1.07836	0.00149298	0.458017	-2.18333	0.0062955	0.5451	-1.83453	0.196843	0.792421	-1.26195	0.984392	1.00334	1.00334
cg19915997	COLQ;COLQ;COLQ	1.27E-05	0.00072915	0.455555	-2.19512	0.431135	1.13089	1.13089	0.667631	1.06836	1.06836	6.14E-06	0.212369	-4.70878	1.54E-06	0.155703	-6.42247
cg16272554	COLQ;COLQ;COLQ	0.0105663	0.0383862	0.389239	-2.56912	0.136672	0.532291	-1.87867	0.0240036	0.346852	-2.88307	0.392078	0.708339	-1.41175	0.000596573	0.124446	-8.03563
cg21847403	COLQ;COLQ;COLQ	0.0328623	0.129992	0.648667	-1.54162	0.275643	1.35003	1.35003	0.206995	0.703154	-1.42216	0.0161754	0.459057	-2.17838	0.0361694	0.524806	-1.90546

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13501202	0.132384	1.88047	1.88047	0.811835	1.09718	1.09718	0.455354	0.744009	-1.34407	0.378673	0.703806	-1.42085	3.95504	9.47377	2.12922	1
cg21386952	0.0835895	0.767718	-1.30256	0.0194254	1.47705	1.47705	0.156573	0.81126	-1.23265	0.565085	0.922862	-1.08359	3.93897	1.18858	0.268222	1
cg08582599	0.312687	0.721222	-1.38654	0.130202	0.599591	-1.6678	0.490697	0.803262	-1.24492	0.185003	0.644091	-1.55258	3.89086	6.03474	1.37867	1
cg23411240	0.0315028	1.74408	1.74408	0.021569	1.83783	1.83783	0.306873	1.26273	1.26273	0.454188	0.845246	-1.18309	3.42891	2.64101	0.684637	1
cg00573606	0.738232	0.938132	-1.06595	0.0588871	0.666154	-1.50116	0.977859	1.0053	1.0053	0.458928	0.86624	-1.15441	7.34694	4.21882	0.510426	1
cg24005667	0.652557	0.947633	-1.05526	0.0435545	1.31711	1.31711	0.310811	0.882974	-1.13254	3.22E-06	0.270251	-3.70026	61.9525	13.8212	0.198305	1
cg07577713	5.64E-06	0.155554	-6.42864	0.223972	0.792751	-1.26143	0.587271	0.905168	-1.10477	0.000356378	0.35277	-2.83471	24.362	12.7519	0.465276	1
cg14174379	0.712205	1.04482	1.04482	0.000897282	1.8009	1.8009	0.024466	0.728183	-1.37328	0.0003573	0.507637	-1.96991	9.85747	2.18638	0.197155	1
cg21839588	0.0190336	0.282849	-3.53546	0.922879	1.04402	1.04402	0.011293	0.243757	-4.10244	0.00740111	0.215456	-4.64132	5.2793	16.5476	2.78616	1
cg19709670	0.289036	0.770168	-1.29842	0.258504	1.3228	1.3228	0.0219242	0.520801	-1.92012	0.0163063	0.498137	-2.00748	4.8462	4.32145	0.792639	1
cg17937340	0.352252	0.799008	-1.25155	2.06E-06	0.0645093	-15.5016	0.00140287	0.338096	-2.95774	3.05E-05	0.148051	-6.75441	23.8102	20.7196	0.773509	1
cg15922045	0.00580721	0.297202	-3.36471	2.62E-05	0.0611358	-16.357	0.0098854	0.334641	-2.98828	0.00019655	0.122188	-8.18413	16.9179	30.2186	1.58773	1
cg14720996	0.101478	0.609509	-1.64066	1.92E-05	0.0910146	-10.9873	0.16334	0.663125	-1.50801	0.000198294	0.177961	-5.61921	15.7441	19.0107	1.07332	1
cg02092276	0.219834	0.704313	-1.41982	0.00253878	3.12107	3.12107	0.124463	1.57135	1.57135	0.728389	0.909628	-1.09935	12.1737	14.2325	1.03921	1
cg13067649	0.215354	0.701475	-1.42557	0.00542913	0.369826	-2.70397	0.00398136	0.349032	-2.86507	0.00011687	0.159622	-6.26482	10.1793	11.9177	1.04069	1
cg07441263	0.143295	1.36501	1.36501	0.0132575	0.544856	-1.83535	0.334575	0.821291	-1.2176	0.000385258	0.326075	-3.06678	7.37006	4.56839	0.550985	1
cg21567371	0.189226	0.838272	-1.19293	0.0069462	1.55742	1.55742	0.283694	1.15175	1.15175	0.350673	0.885285	-1.12958	77.7764	19.8193	0.226511	1
cg00178511	0.00795985	0.223741	-4.46944	0.123436	2.08418	2.08418	0.165497	0.521542	-1.91739	0.818186	0.903629	-1.10665	18.2611	49.7913	2.72664	1
cg17913386	0.102852	0.581612	-1.71936	0.00386607	0.306698	-3.26054	0.0555289	0.51738	-1.93281	0.646179	0.869031	-1.15071	12.8205	18.726	1.29834	1
cg07157951	0.129842	0.678133	-1.47464	0.861715	1.04225	1.04225	0.31444	0.781192	-1.28009	0.000879841	0.306151	-3.26636	12.036	10.7407	0.793228	1
cg00057231	0.0055863	2.47725	2.47725	0.000291289	4.35967	4.35967	0.000692552	3.635	3.635	0.0458333	1.76933	1.76933	9.61642	9.46337	0.874742	1
cg08772752	0.754494	0.882905	-1.13262	0.994429	1.00278	1.00278	0.760507	1.12904	1.12904	0.859144	1.07307	1.07307	8.39159	20.9458	2.21871	1
cg08977790	0.0703958	1.66987	1.66987	0.00115954	0.298258	-3.3528	0.121531	1.53051	1.53051	0.0125522	0.455139	-2.19713	8.18013	8.32815	0.904974	1
cg11846236	0.176455	0.552698	-1.8093	0.025404	0.334122	-2.99292	0.0810675	0.450191	-2.22128	0.814864	1.10162	1.10162	6.93409	18.6972	2.39681	1
cg03548224	0.326435	0.602614	-1.65944	0.00237223	0.120196	-8.31976	0.543009	0.735069	-1.36042	0.0266851	0.26908	-3.71637	5.21712	20.649	3.51816	1
cg23328613	0.577036	0.882166	-1.13357	0.00139289	0.356773	-2.80291	0.011711	0.496178	-2.0154	0.0485776	0.605722	-1.65092	4.77563	3.74509	0.697075	1
cg12448161	0.0947453	0.501554	-1.99381	0.0216617	0.354877	-2.81788	0.555276	0.799157	-1.25132	0.947464	0.975543	-1.02507	4.71012	10.5333	1.98783	1
cg00158683	0.336255	0.50638	-1.9748	0.104148	0.29543	-3.3849	0.527642	0.644559	-1.55145	0.63452	1.38911	1.38911	3.51678	26.234	6.63081	1
cg17183531	0.598043	0.807915	-1.23775	0.128642	0.517678	-1.9317	0.673201	0.843606	-1.18539	0.0440036	0.395396	-2.52911	3.48697	8.87649	2.26277	1
cg10179004	0.0173399	0.435046	-2.29861	0.0263586	0.469329	-2.1307	0.0694716	1.7918	1.7918	0.0376812	0.500364	-1.99854	12.0107	15.6924	1.16136	1
cg22065514	0.0505058	0.517265	-1.93324	0.0821538	0.565751	-1.76756	0.40443	0.777001	-1.287	0.0373423	0.48935	-2.04353	5.58951	7.74379	1.23148	1
cg02441647	0.00129451	3.28294	3.28294	0.000809054	0.277626	-3.60197	1.92E-06	19.9237	19.9237	0.715427	0.911323	-1.09731	33.6855	34.3129	0.905445	1
cg18056266	0.376841	0.924603	-1.08155	0.113677	0.861756	-1.16042	8.24E-08	4.62678	4.62678	0.864086	0.985299	-1.01492	41.7021	4.9353	0.105197	1
cg21900069	0.000245245	0.32952	-3.03471	5.91E-05	0.256232	-3.90272	0.554753	1.11567	1.11567	0.0389514	0.645398	-1.54943	16.8271	8.94495	0.472516	1
cg17918158	0.000118483	0.188279	-5.31127	0.000252455	0.224077	-4.46276	0.858665	1.04518	1.04518	0.00310075	0.366711	-2.72694	15.281	14.8741	0.865218	1
cg05283542	0.259991	0.712358	-1.40379	0.00783667	0.373415	-2.67798	1.58E-05	13.1056	13.1056	0.86133	0.950781	-1.05177	15.1909	20.0476	1.17308	1
cg09545918	0.0224612	0.298838	-3.34629	0.017512	0.278769	-3.58719	0.814771	1.10924	1.10924	0.0250776	0.308118	-3.24551	7.13079	22.04	2.7474	1
cg16759218	0.213311	1.36777	1.36777	0.00326174	0.383478	-2.60771	0.219921	1.36104	1.36104	0.0792685	0.627775	-1.59293	6.40377	5.79188	0.803954	1
cg20530613	0.128382	0.670474	-1.49148	0.0549245	0.588924	-1.69801	0.00286882	0.36873	-2.71201	0.00335262	0.378752	-2.64025	5.25823	4.92706	0.832906	1
cg03277051	0.0547251	0.741874	-1.34794	0.761389	0.959127	-1.04262	0.00168907	1.84937	1.84937	0.505662	1.09696	1.09696	5.1527	1.53225	0.264327	1
cg14976283	0.0256025	0.549172	-1.82092	0.28183	1.28759	1.28759	0.969131	1.00878	1.00878	0.0490819	0.601862	-1.66151	4.29548	3.47478	0.719057	1
cg14601416	0.0443906	1.44065	1.44065	0.452047	1.12879	1.12879	0.00398173	1.84438	1.84438	0.312967	0.847871	-1.17943	7.39544	2.92847	0.351984	1
cg17428913	0.021735	1.32452	1.32452	0.00228592	1.54512	1.54512	0.748019	0.967652	-1.03343	0.00366393	0.669745	-1.49311	6.91984	1.14064	0.146522	1
cg18931815	0.201688	0.662313	-1.50986	0.21537	0.671313	-1.48962	0.00219998	3.7131	3.7131	0.0749556	1.83321	1.83321	6.25849	9.25709	1.31478	1
cg15818357	0.108396	0.55538	-1.80057	0.282417	0.687236	-1.4551	0.00264019	4.04416	4.04416	0.14419	1.69352	1.69352	5.97829	10.6765	1.58744	1
cg08264297	0.180944	1.26001	1.26001	0.00094281	2.23115	2.23115	0.204288	1.24355	1.24355	0.703634	1.06416	1.06416	5.60669	2.35082	0.372702	1
cg22380322	0.218067	0.712781	-1.40296	0.0920506	0.615925	-1.62357	0.397333	0.797335	-1.25418	0.056138	0.568198	-1.75995	4.06158	4.39287	0.961393	1
cg14579051	0.0471395	0.333662	-2.99705	0.156627	0.480901	-2.07943	0.0155571	0.238456	-4.19365	0.14841	0.472834	-2.11491	4.68626	17.3281	3.28679	1
cg11942059	0.0847614	1.57458	1.57458	0.0794552	1.58982	1.58982	0.204078	1.37602	1.37602	0.0451142	0.578403	-1.7289	3.84378	3.45266	0.798441	1
cg25142479	0.0105323	0.571117	-1.75096	0.18996	0.785355	-1.27331	0.216427	1.25407	1.25407	0.123618	1.3368	1.3368	16.1713	7.75891	0.426483	1
cg25344064	0.031432	0.566608	-1.76489	4.68E-05	0.177545	-5.63237	0.60638	1.12411	1.12411	0.0144975	0.507625	-1.96996	11.1454	8.94429	0.713344	1
cg05211057	0.799937	0.905595	-1.10425	0.567679	0.798072	-1.25302	0.841543	0.924813	-1.0813	7.26E-05	16.7764	16.7764	10.1871	24.6015	2.14665	1
cg20682720	0.00201746	0.270548	-3.69621	0.0103176	0.379116	-2.63772	0.319386	0.734311	-1.36182	0.00927374	0.371263	-2.69351	6.98739	9.96773	1.26803	1
cg16862641	0.912301	1.03634	1.03634	0.837591	1.06875	1.06875	0.503315	0.802489	-1.24612	0.000229547	7.25899	7.25899	6.40847	10.6519	1.47748	1
cg21549422	0.32395	1.25242	1.25242	0.0022913	2.5649	2.5649	0.43006	0.836975	-1.19478	0.00333295	2.41766	2.41766	6.19217	4.78733	0.687223	1
cg18841159	0.241949	1.41018	1.41018	0.0182418	0.447435	-2.23496	0.0164382	0.439202	-2.27686	0.107973	1.63593	1.63593	5.88033	7.33529	1.10883	1
cg00440217	0.0335489	0.22123	-4.52018	0.0508445	0.258835	-3.86346	0.0114665	0.146355	-6.83269	0.0974156	0.331204	-3.01929	4.76126	27.833	5.19619	1
cg21413492	0.899242	0.95894	-1.04282	0.0741329	1.93222	1.93222	0.0128293	2.78125	2.78125	0.326045	0.714898	-1.3988	4.2548	7.38183	1.54217	1
cg22799499	5.32E-06	0.382704	-2.61298	0.00222532	1.49023	1.49023	0.0532007	0.815036	-1.22694	0.00553603	0.712181	-1.40414	27.0767	3.7179	0.122053	1
cg14844588	7.06E-05	2.28429	2.28429	0.00342433	1.57322	1.57322	0.529964	1.07519	1.07519	0.00524014	0.657291	-1.5214	23.0108	4.73189	0.182789	1
cg26011014	3.24E-05	6.29619	6.29619	0.000281593	3.86413	3.86413	0.295501	1.28019	1.28019	0.900912	1.02877	1.02877	14.5461	11.9437	0.729866	1
cg00068503	0.00107626	1.49606	1.49606	0.000438067	0.629124	-1.58951	0.214578	0.896739	-1.11515	0.0244717	0.799647	-1.25055	11.4648	1.26353	0.0979638	1
cg11211040	0.636541	0.925993	-1.07992	0.00337248	1.90425	1.90425	0.616369	1.08502	1.08502	0.0312727	0.664865	-1.50406	9.89826	4.09049	0.367336	1
cg12733396	0.0189493	0.23416	-4.27058	0.00105983	11.862	11.862	0.0299212	3.688	3.688	0.20296	1.98708	1.98708	7.78201	32.1718	3.67477	1
cg26710722	0.000862676	3.10901	3.10901	0.00791132	2.16496	2.16496	0.347627	1.24519	1.24519	0.854049	1.04264	1.04264	6.03536	4.91521	0.723912	1
cg14163334	0.814185	0.94708	-1.05588	0.0167298	0.509428	-1.96299	0.189503	0.725456	-1.37844	0.0761922	0.634047	-1.57717	5.66772	4.78724	0.7508	1
cg23847109	0.00123459	12.4227	12.4227	0.00201659	10.2128	10.2128	0.60073	1.32534	1.32534	0.496259	1.44555	1.44555	5.51218	24.8385	4.00544	1
cg26791464	0.0169747	3.67251	3.67251	0.00102977	8.78555	8.78555	0.0617906	2.55978	2.55978	0.0750071	2.42532	2.42532	5.27869	16.6919	2.81079	1
cg07575466	0.0749863	2.81955	2.81955	0.0135667	4.93713	4.93713	0.0338886	3.65003	3.65003	0.942534	1.03841	1.03841	4.76352	20.616	3.84702	1
cg07063183	0.117911	0.835816	-1.19644	0.0174063	1.35776	1.35776	0.381707	0.909585	-1.0994	0.281168	0.888416	-1.1256	4.2334	0.748077	0.157074	1
cg02576915	0.144133	1.78509	1.78509	0.0126799	3.13975	3.13975	0.014032	3.0651	3.0651	0.542169	1.25592	1.25592	3.81376	8.23787	1.92003	1
cg00808579	0.000700848	0.292559	-3.41811	0.339839	0.791395	-1.26359	0.829051	0.949873	-1.05277	0.337273	0.790349	-1.26526	3.49872	3.13423	0.796285	1
cg06598544	0.00060618	0.589395	-1.69666	0.000339469	1.78145	1.78145	0.801083	1.02557	1.02557	0.932989	1.00845	1.00845	19.3936	3.07251	0.140826	1
cg21686379	0.00233833	2.35924	2.35924	0.755627	1.06511	1.06511	0.594413	1.11469	1.11469	0.00206665	2.40245	2.40245	18.2329	11.7868	0.574631	1
cg03775628	0.0258166	0.572008	-1.74823	0.29445	1.25797	1.25797	0.202489	0.752777	-1.32841	0.0135251	0.524609	-1.90618	11.9718	8.44578	0.627089	1
cg03835983	0.00071237	2.1794	2.1794	0.124257	1.28602	1.28602	0.528718	0.90805	-1.10126	0.0118563	1.60765	1.60765	10.4584	3.78321	0.321547	1
cg11698944	0.0834636	1.64308	1.64308	0.000156773	0.186998	-5.34766	0.203823	0.706385	-1.41566	0.0848715	0.610269	-1.63862	9.88845	10.5198	0.945645	1
cg13900920	0.304835	1.38918	1.38918	0.0067995	0.337943	-2.95908	0.30479	1.38923	1.38923	0.272912	0.702582	-1.42332	7.89805	11.9705	1.34722	1
cg18014624	0.259639	1.53311	1.53311	0.104499	0.524757	-1.90564	0.758079	1.11881	1.11881	0.591399	0.821264	-1.21764	7.67892	16.0584	1.85887	1
cg27564579	0.0505545	0.511566	-1.95478	0.0016697	3.86658	3.86658	0.0152373	0.408004	-2.45096	0.336779	0.742364	-1.34705	6.8085	9.75756	1.27391	1
cg03798915	0.523123	1.14716	1.14716	0.00227124	2.47384	2.47384	0.533052	1.14332	1.14332	0.0187059	0.546321	-1.83042	6.66329	4.74953	0.633592	1
cg07930469	0.246463	1.83199	1.83199	0.537463	0.732061	-1.36601	0.935303	0.960258	-1.04139	0.502389	0.711749	-1.40499	6.58912	26.0377	3.51255	1
cg11296498	0.362691	1.77921	1.77921	0.883427	0.913603	-1.09457	0.00346174	11.5232	11.5232	0.0427606	0.237804	-4.20514	5.96844	35.8529	5.33962	1
cg16132351	0.0541872	2.94523	2.94523	0.247866	0.55035	-1.81702	0.286469	0.578579	-1.72837	0.939573	0.963215	-1.03819	5.70059	22.0627	3.44023	1
cg07827435	0.486547	1.34903	1.34903	0.477871	1.35741	1.35741	0.00219272	6.16487	6.16487	0.174292	0.542275	-1.84408	5.51778	15.6713	2.52458	1
cg02696351	0.0985351	1.37409	1.37409	0.00334447	2.01469	2.01469	0.357773	0.847137	-1.18045	0.276999	0.8201	-1.21936	5.51002	2.6852	0.433183	1
cg07845648	0.196997	1.68778	1.68778	0.655063	0.841514	-1.18833	0.985623	0.993109	-1.00694	0.542922	0.789525	-1.26658	5.05194	11.7825	2.07314	1
cg19529074	0.134394	0.485817	-2.05839	0.971333	0.984057	-1.0162	0.861212	1.08141	1.08141	0.150467	0.501931	-1.99231	5.03733	15.9577	2.81591	1
cg16847645	0.445597	1.3883	1.3883	0.177026	0.545831	-1.83207	0.343055	0.662222	-1.51007	0.187841	0.554944	-1.80198	4.66339	13.1493	2.50639	1
cg15505615	0.496993	1.39579	1.39579	0.00540649	5.87352	5.87352	0.153137	2.09536	2.09536	0.870255	0.924	-1.08225	3.93917	14.5872	3.29165	1
cg14880348	0.223197	1.86651	1.86651	0.0516922	2.94396	2.94396	0.106248	2.36353	2.36353	0.0931835	0.406357	-2.46089	3.7762	14.2197	3.3472	1
cg15457981	0.0471275	2.88895	2.88895	0.194513	1.89819	1.89819	0.0271283	3.39222	3.39222	0.575311	0.76772	-1.30256	3.76659	13.0091	3.07005	1
cg07305723	0.0101469	0.441076	-2.26718	0.949015	1.01627	1.01627	0.595584	1.14479	1.14479	0.0603097	0.585787	-1.70711	3.71863	3.75282	0.89706	1
cg15266508	0.842868	1.12187	1.12187	0.278483	0.520523	-1.92114	0.297885	0.53513	-1.86871	0.111803	0.366639	-2.72748	3.64652	19.3885	4.72621	1
cg20331689	0.87812	0.923284	-1.08309	0.606701	0.763314	-1.31008	0.369085	0.618903	-1.61576	0.0650014	0.340375	-2.93794	3.52149	15.0883	3.80856	1
cg18291290	0.550164	1.31414	1.31414	0.600705	0.787706	-1.26951	0.645551	0.811171	-1.23279	0.466853	0.715648	-1.39733	3.4953	11.3032	2.87452	1
cg10279872	0.00205273	0.221733	-4.50993	0.00185103	0.215534	-4.63965	0.640431	1.1669	1.1669	0.00258928	0.236044	-4.2365	12.8786	21.4482	1.29532	1
cg07228028	0.0632143	1.47382	1.47382	0.0514163	1.50936	1.50936	0.437034	0.863139	-1.15856	0.532874	1.1244	1.1244	7.9211	4.32306	0.485125	1
cg27041096	0.186438	1.69865	1.69865	0.028376	2.66133	2.66133	0.0774992	2.10081	2.10081	0.954925	0.978845	-1.02161	5.31747	12.0512	2.01452	1
cg24048627	0.26071	0.888575	-1.1254	1.77E-07	0.198244	-5.04429	0.000133068	0.513189	-1.9486	0.00168803	0.636397	-1.57135	93.8638	15.077	0.142779	1
cg09256862	0.0955629	0.71285	-1.40282	9.04E-06	0.169166	-5.91137	0.0443703	0.652527	-1.5325	0.0864651	0.704613	-1.41922	21.4548	11.6129	0.481132	1
cg20362060	0.0316278	0.659507	-1.51628	1.02E-05	0.209642	-4.77004	0.823252	1.03765	1.03765	0.00643044	0.556822	-1.79591	15.8251	6.83967	0.384181	1
cg26101364	0.000343901	1.87598	1.87598	0.0378625	1.30069	1.30069	0.505641	0.92891	-1.07653	0.030874	1.31886	1.31886	13.7955	2.60463	0.167825	1
cg01745480	0.331272	1.19715	1.19715	0.00164251	0.445212	-2.24612	0.0267634	0.624343	-1.60168	0.037659	0.64868	-1.54159	9.56215	4.8799	0.453631	1
cg08239899	0.000555687	0.515794	-1.93876	0.0157454	1.44154	1.44154	0.97319	0.995855	-1.00416	0.0162212	0.695333	-1.43816	9.05571	2.19045	0.21501	1
cg08117126	0.00182778	0.291728	-3.42786	0.194149	1.46539	1.46539	0.9907	1.00325	1.00325	0.188782	0.678877	-1.47302	8.28892	10.1586	1.08939	1
cg21083023	0.0818099	0.507494	-1.97047	0.0718287	0.493191	-2.02761	0.0124278	0.334811	-2.98676	0.0566632	0.468244	-2.13564	7.11866	13.9463	1.74144	1
cg09974661	0.171311	1.59962	1.59962	0.00914945	2.90864	2.90864	0.000711067	5.27539	5.27539	0.00872765	2.93788	2.93788	6.99898	11.5309	1.46445	1
cg22277936	0.987233	1.0037	1.0037	0.186805	1.38079	1.38079	0.935531	0.981519	-1.01883	0.23236	0.74917	-1.33481	6.8932	5.80437	0.748482	1
cg07921235	0.987911	1.00509	1.00509	0.000417218	0.153398	-6.519	0.163091	0.607329	-1.64655	0.0550288	0.482514	-2.07248	6.32091	11.2327	1.57962	1
cg08235183	0.0473476	0.357173	-2.79976	0.00198259	0.137745	-7.25979	0.249628	0.579287	-1.72626	0.0163858	0.26415	-3.78573	5.80215	18.9204	2.89861	1
cg21916898	0.162765	0.700329	-1.4279	0.264722	0.757388	-1.32033	0.534039	1.16248	1.16248	0.47623	0.840998	-1.18906	5.59184	5.06109	0.80452	1
cg09301086	0.0995718	0.567674	-1.76158	0.326844	1.37372	1.37372	0.640879	1.15878	1.15878	0.240916	0.680385	-1.46976	5.56891	8.67839	1.38521	1
cg09462453	0.114023	0.593417	-1.68516	0.00328198	0.296375	-3.3741	0.0220001	0.434354	-2.30227	0.0141689	0.399024	-2.50611	5.30212	7.7371	1.29711	1
cg05408590	0.0754751	0.538834	-1.85586	0.0026783	0.273349	-3.65833	0.0280468	0.444493	-2.24975	0.178886	0.640048	-1.56238	5.1309	7.93434	1.37456	1
cg15955046	0.849449	1.02843	1.02843	0.0431332	1.40958	1.40958	0.89096	0.979966	-1.02044	0.00899982	0.612623	-1.63233	4.94832	1.70595	0.306447	1
cg02093176	0.28249	0.660135	-1.51484	0.0157762	0.332868	-3.0042	0.0709191	2.11774	2.11774	0.113215	0.526751	-1.89843	4.6095	10.096	1.9469	1
cg08059366	0.142412	0.553586	-1.8064	0.00271859	0.211697	-4.72373	0.958363	1.01977	1.01977	0.0697672	0.46743	-2.13936	4.40651	9.81484	1.97987	1
cg19183742	0.665792	1.15663	1.15663	0.00496668	3.47414	3.47414	0.00817435	3.10591	3.10591	0.178602	1.61367	1.61367	4.33217	7.69281	1.57843	1
cg21542366	0.00365771	1.60646	1.60646	0.0583433	1.29434	1.29434	0.05276	1.30413	1.30413	0.011693	1.46223	1.46223	4.30078	0.990769	0.204773	1
cg27472937	0.122759	1.86805	1.86805	0.0042658	0.239577	-4.17402	0.179841	0.587239	-1.70288	0.295948	0.666978	-1.4993	3.97153	8.78392	1.96597	1
cg10945539	0.136048	1.54602	1.54602	0.389627	1.27013	1.27013	0.0297614	2.00121	2.00121	0.313505	1.32677	1.32677	3.82778	4.4599	1.03568	1
cg21205320	0.0887958	0.39415	-2.5371	0.0324706	0.288907	-3.46132	0.0214144	0.253852	-3.93931	0.0443554	0.318084	-3.14383	3.79015	14.7666	3.46316	1
cg19867917	0.208402	2.15645	2.15645	0.11302	2.71675	2.71675	0.00298544	10.5939	10.5939	0.0337959	4.20437	4.20437	3.59048	19.0921	4.7266	1
cg02645778	0.0508566	0.392991	-2.54459	0.00966786	0.252916	-3.95389	0.300094	0.637086	-1.56965	0.0976701	0.466284	-2.14462	3.48465	9.7285	2.48161	1
cg26615126	0.567389	1.17798	1.17798	0.621236	1.15157	1.15157	0.0466475	1.90701	1.90701	0.226499	1.43309	1.43309	3.40532	4.33037	1.13035	1
cg00835279	0.114427	2.7518	2.7518	0.056668	3.56745	3.56745	0.00635391	8.1199	8.1199	0.0454253	3.86829	3.86829	3.66364	20.1675	4.89312	1
cg25570929	0.00714037	0.515766	-1.93886	0.0219556	1.6884	1.6884	0.102317	1.40595	1.40595	0.354334	0.833941	-1.19913	11.9557	6.87667	0.51127	1
cg13569424	0.261327	0.567106	-1.76334	0.00275396	0.135307	-7.39062	0.779054	0.872678	-1.1459	0.0309126	0.293162	-3.41109	4.25607	15.8041	3.30073	1
cg10127490	0.0210904	0.442992	-2.25738	0.00336931	0.310182	-3.22391	0.110753	1.66541	1.66541	0.219449	0.68451	-1.4609	6.63955	9.06018	1.21296	1
cg15503597	0.0644586	0.701739	-1.42503	0.513776	0.89323	-1.11953	0.478754	1.13064	1.13064	0.0682858	0.706049	-1.41633	4.50295	2.07351	0.409314	1
cg19915997	3.39E-05	0.292545	-3.41827	8.78E-05	0.34089	-2.9335	0.164675	0.796977	-1.25474	0.00152548	0.497311	-2.01082	38.1122	14.1448	0.329898	1
cg16272554	0.537094	0.782087	-1.27863	0.0298539	0.365991	-2.73231	0.786724	0.898835	-1.11255	0.00355728	0.211527	-4.72753	5.80718	14.225	2.17738	1
cg21847403	0.00427071	0.363609	-2.75021	0.133466	0.65158	-1.53473	0.611492	1.14518	1.14518	0.114253	0.634677	-1.5756	3.95599	4.38792	0.98594	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF(Error)
ch.2.142443[18	COMMD1	0.000814295	0.000212218	0.026044	1.6076	1.000299324	0.015102	-1.57455	0.00103682	0.687369	-1.45482	0.0144558	0.792499	-1.28183	0.00348232	0.73642	-1.35792	0.414885	0.937712	-1.06643	0.07766448	0.16338	0.169257	0.900803	-1.10337	0.973785	0.997467	1.02054	12.4698	1.17602	0.083831	1
cg18739808	COMMD1	0.00309198	0.045468	0.801312	-1.24795	1.002205686	0.657555	-1.52078	0.000234209	0.554840	-1.80229	0.499895	0.926762	-1.07903	0.0993137	1.19057	1.19057	0.062042	0.81639	-1.2249	0.270391	1.11718	1.11718	0.275008	0.89614	-1.1159	0.0222019	0.767432	-1.30305	8.4817	1.25238	0.13125	1
cg25340361	COMMD1	0.00455011	0.0923084	0.715603	-1.39742	0.9880313	0.99729	-1.00272	0.758304	0.94578	-1.05733	0.997617	0.999461	-1.00054	9.28E-05	2.283731	-3.52446	0.18394	0.775238	-1.28993	0.891604	1.02493	1.02493	0.0039879	0.497074	-2.01177	0.8044437	0.956181	-1.04583	7.55229	3.90178	0.459231	1
cg13579957	COMMD1	0.00499122	0.354709	1.14758	1.14758	0.09755623	1.30051	1.30051	0.01211044	1.57179	1.57179	0.0030444	1.78846	1.78846	0.153135	0.912774	-1.09556	0.550504	0.91817	-1.08913	0.00216971	0.536851	-1.86284	0.149708	0.799901	-1.25015	0.0458352	1.39223	1.39229	7.34253	2.43083	0.294277	1
cg14305711	COMMD1	0.0106721	0.23666	0.609096	-1.44719	0.237146	0.458546	-2.18081	0.6085844	1.16648	1.16648	0.952363	0.982348	-1.01797	0.6048011	0.855877	-1.16839	0.598331	0.853445	-1.17172	0.003473479	0.194636	-5.13781	0.0348975	0.306821	-3.25923	0.847112	0.940082	15.7883	8.14717	1.25106	1
cg16944159	COMMD1	0.00205725	0.0240947	0.697684	-1.43331	0.01788096	0.680095	-1.47038	0.539128	0.920159	-1.08677	0.0498704	0.741322	-1.34894	0.30727	0.868319	-1.15193	0.05488337	0.747247	-1.33825	0.02838227	1.40789	1.40789	0.11215	1.26047	1.26047	0.2798466	1.16223	1.16223	4.65191	1.31944	0.25212	1
cg13609558	COMMD1	0.027327	0.592462	0.910566	-1.09822	0.06305521	1.44202	1.44202	0.0123748	0.582788	-1.71589	0.51552	0.891961	-1.12112	0.249171	0.811517	-1.23226	0.260709	0.815947	-1.22557	0.006388232	0.540453	-1.8503	0.0186395	0.609864	-1.63971	0.784376	1.04871	1.04871	4.22378	2.01132	0.423281	1
cg06427799	COMMD10	1.32E-09	0.380367	-2.58873	0.2006455	1.25299	0.192299	2.01E-06	0.760562	-1.31482	7.87E-08	0.592596	-1.25824	5.61E-06	0.453264	-2.00622	0.00803539	1.11309	1.11309	1.06E-08	0.532995	-5.0194	4.15E-07	1.58022	1.58022	1.52E-08	0.497649	-2.00945	333.406	5.33148	0.014142	1
cg06834892	COMMD10	0.00022864	0.0234203	0.527549	-1.89556	0.00799167	0.484204	-2.22192	0.00540719	0.421182	-2.37427	0.0495957	0.490134	-2.04101	0.0400333	0.2086	-4.79421	0.485647	0.845925	-1.18214	2.89E-05	2.040748	2.040748	0.0003808	0.261749	-3.82045	0.717155	15.6493	0.785214	1
cg14071459	COMMD10	0.00140107	0.377769	0.885637	-1.12913	0.0540579	0.745696	-1.34103	0.988238	1.00198	1.00198	0.836247	0.972607	-1.02816	0.73668	1.04633	1.04633	0.749427	0.957909	-1.04394	1.92E-05	3.20651	3.20651	0.689641	0.947556	-1.05535	0.1580882	1.22448	1.22448	10.6872	3.04821	0.25353	1
cg00399510	COMMD10	0.0156034	0.31375	1.22331	1.22331	0.1190429	0.190454	-1.19445	0.6163322	0.906888	-1.10267	0.63495	0.909694	-1.09894	0.0419389	0.63567	-1.3705	0.341548	1.20877	1.20877	0.0003566	0.335638	3.0794	0.0882115	0.947072	-1.05912	0.386115	0.842077	-1.18754	9.51345	3.03107	0.526001	1
cg00149310	COMMD2	0.0092406	0.389426	1.20789	1.20907	0.689718	-1.45387	0.0676	0.645005	-1.55038	0.2774632	1.27366	1.2700156	0.2302372	1.43224	0.862985	1.03768	1.03768	0.523869	1.14836	1.14836	0.145	0.135956	-1.35532	0.491151	0.860918	-1.16155	56.9339	12.0527	0.645632	1
cg00719746	COMMD2	0.00037716	0.00800792	0.602212	-1.66383	0.000221101	1.8568	1.8568	0.15163	1.10156	1.10156	0.0097824	1.38948	1.38948	0.0573762	1.48189	1.48189	0.754394	1.02211	1.02211	0.003786614	1.98447	1.98447	0.037243	0.883945	-1.01632	0.0018505	1.88898	1.88898	15.9247	2.55842	0.142806	1
cg02822963	COMMD2	0.00115405	0.563529	1.12548	1.12548	9.37E-05	0.244171	-1.30955	0.573403	1.12206	1.12206	0.839143	0.959691	-1.042	0.734811	1.04249	1.07125	0.583993	1.11844	1.11844	0.0018961	0.347316	0.729957	-1.36994	0.326189	0.914481	-1.12778	0.000165532	0.254932	-3.92262	11.2969	7.33176	0.576895	1
cg16446221	COMMD2	0.00137779	0.0036005	0.671563	-1.48906	0.996261	1.00047	1.00047	0.234616	1.13411	1.13411	0.363794	1.09886	1.09886	0.00498088	1.45571	1.45571	0.053407	0.801204	1.24812	0.004121275	0.515411	-1.9402	0.0898729	1.20786	1.20786	0.717588	0.963974	-1.03737	0.73847	1.34562	1
cg18739346	COMMD2	0.0780223	0.79346	1.0603	1.03446	0.1749	0.17605	1.17605	0.0092413	1.88309	1.13239	0.01182155	0.592423	-1.68798	0.703614	0.95844	-1.04322	0.1077	1.10277	1.10277	0.0001	0.894608	0.984442	-1.01578	0.8468902	0.97742	-1.0231	0.56096	1.31984	1.19616	1.66233	4.65191	1.31944	0.25212	1
cg07373836	COMMD2	0.043836	0.0111146	0.56571	-1.76769	0.04149976	1.52301	1.52301	0.439579	0.868432	-1.1515	0.783443	0.951894	-1.05054	0.981387	1.00418	1.00418	0.104545	1.3737	1.3737	0.318169	1.20278	1.20278	0.107659	1.36914	1.36914	0.0545787	1.47733	1.47733	3.56022	1.80753	0.450841	1
cg23195651	COMMD3	0.00324684	0.140423	0.78158	-1.27922	0.00250444	0.99842	-1.00978	0.324752	0.810425	-1.23496	0.0955	0.999461	-1.00054	0.0010324	0.498437	-2.00627	0.0027888	0.533711	-1.87367	0.000454118	0.435095	-2.32121	0.0018154	0.492232	-2.03027	0.0015566	0.0014907	0.497694	-2.00927	16.0976	5.9162	0.326685	1
cg15192688	COMMD3	0.00315978	0.365027	0.709625	-1.40919	0.6592521	1.17768	1.17768	0.677284	1.16677	-1.16677	0.0675682	0.470139	-1.22703	0.000944254	0.162467	-5.15039	0.00023542	0.105324	0.4945	0.1953105	1.66126	1.66126	0.473187	0.764243	-1.30848	0.221892	1.60504	1.60504	14.0274	18.1275	1.39108	1
cg01364769	COMMD3	0.00556565	0.0251635	0.444431	-2.25007	0.804684	0.927318	-1.07838	0.946985	0.979951	-1.02046	0.780991	0.918619	-1.08859	0.0449306	0.496133	-2.01559	0.402224	0.77021	-1.29835	7.18E-05	0.110518	-9.04833	0.604278	0.8528	-1.17261	0.374947	0.757797	-1.31961	7.10163	10.4323	1.30578	1
cg10028071	COMMD3	0.00970153	0.104915	0.817367	-1.22349	0.0109054	0.700234	-1.42809	0.960091	1.00571	1.00571	0.0012088	1.77421	1.77421	0.0298209	1.33708	1.33708	0.0197353	0.731768	1.36703	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg19378631	COMMD3	0.0113373	0.0109923	0.681402	-1.10185	0.0156178	0.11569	-1.84378	0.738005	0.783291	-1.27667	0.251677	0.418408	-2.39001	0.0030269	0.0575591	-17.3735	0.043647	0.184969	-5.4063	0.00214783	0.0434565	-23.0115	0.0245229	0.142395	-7.02271	0.0257628	0.145636	-6.86642	5.67693	47.5952	7.45241	1
cg07135155	COMMD3	0.0344079	0.0318371	0.74881	-1.33506	0.2015497	0.6	-1.66667	0.74623	1.34015	-1.3887	0.6163691	0.7	-1.42857	0.30827	0.8	-1.25	0.063727	0.231243	0.87442	0.1116411	0.4573	-4.82759	0.0443016	0.27	-3.70371	0.0463016	0.19091	-5.23936	0.85355	39.3736	8.83559	1
cg01077178	COMMD3;BMI1	0.0109013	0.013092	-1.10848	-9.21767	0.304046	0.464059	-2.1549	0.0372492	0.174628	-5.72645	0.762474	0.803506	-1.24455	0.00245035	0.0477461	-20.9441	0.0984921	0.270436	-3.69773	0.000965073	0.0288237	-34.6937	0.784972	0.21822	1.21822	0.269965	0.436465	4.29113	5.74919	47.4294	7.33312	1
cg10763374	COMMD3;BMI1	0.0256663	0.0490343	0.154458	-6.47426	0.514695	0.718181	-1.39241	0.171285	0.481999	-2.07469	0.156196	0.467648	-2.13836	0.00822772	0.183848	-5.43927	0.360742	0.624529	-1.60121	0.003874243	0.0849	-11.7231	0.0214782	0.692479	-1.44409	0.0434626	0.312409	-3.20093	4.31375	17.1658	3.53411	1
cg12126861	COMMD3;COMMD3	0.0226876	0.794979	1.0045	1.00453	0.0063262	1.44576	-1.44576	0.0012125	0.0040597	0.00013	0.18973	0.18973	-5.27015	0.0001453	0.0001	-9.9998	0.329004	0.109308	0.1893	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg01146205	COMMD4	0.0028437	0.0885247	0.544715	-1.83582	0.00681671	0.321986	-3.10573	0.00629158	0.316442	-3.16014	0.641037	0.16394	1.16394	0.000414212	0.16343	6.11882	0.00750138	0.328694	-3.04234	0.00110932	0.211469	-4.72882	0.0527495	0.490739	-2.03774	0.0221888	0.408271	-2.44936	6.6955	14.3943	1.47145	1
cg13429625	COMMD4	0.0087938	0.0522844	0.91202	-1.09634	0.0866144	0.124997	-2.50978	0.7246-05	0.332732	-3.00552	0.704027	0.050986	1.05596	0.0015024	0.499437	-2.00627	0.019047	0.32892	-3.04022	0.235088	0.27334	-3.6591	0.1127	0.887357	-1.11755	0.0113947	1.84963	1.84963	6.16959	3.82404	0.530781	1
cg12204727	COMMD4	0.0243309	?	?	?	0.559873	0.764756	-1.30761	0.388689	1.49463	1.49463	?	?	?	0.823359	0.9032294	1.10706	0.002026097	0.138069	-7.24276	?	?	?	0.0892011	0.426294	-2.3458	0.209336	1.82567	1.82567	0.671397	10.2637	2.91335	1
cg17722469	COMMD5;COMMD5;COMMD3	1.49E-05	0.0296731	1.13401	1.13401	0.00253674	1.22857	1.22857	0.000507118	1.30594	1.30594	0.0532199	0.89771	-1.11395	0.00413839	1.20811	1.20811	0.782047	1.01372	1.01372	8.49E-07	0.5247321	-1.90574	0.000531885	0.7672262	-1.3034	0.0310747	0.883077	-1.1324	36.5897	1.39085	0.0319829	1
cg10175878	COMMD5;COMMD5	0.00254615	0.0609639	0.759312	-1.31695	0.0139314	0.154615	-1.24469	0.0648301	0.732403	-1.36525	0.0199332	0.816364	-1.22503	0.0013166	0.868319	-1.15162	0.035741	0.748851	-1.3355	0.0015425	0.2245429	-4.45359	-2.21946	0.480836	1.00022	0.000243	0.879998	-1.13637	8.68353	2.6248	0.20457	1
cg12732805	COMMD5;COMMD3;COMMD5;COMMD3	0.037984	0.4683013	0.836907	-1.19488	0.794689	0.104694	-1.06494	0.211658	0.727989	-1.37365	0.2178751	0.731434	-1.36718	0.393056	1.23503	1.23503	0.113745	0.660217	-1.51465	0.0451277	0.401238	-2.49229	0.103849	1.53589	1.53589	0.0682276	1.63665	1.63665	1.75372	3.46089	0.819546	1
cg17198776	D5	0.0155092	0.00879341	0.337312	-2.96461	0.315332	0.71307	-1.40239	0.326818	0.719122	-1.39059	0.00085813	0.1958	-5.10726	0.810989	0.92493	-1.08116	0.141158	0.59722	-1.67442	0.0135764	0.369799	-2.70417	0.88574	1.04795	1.04795	0.521582	1.23564	1.23564	5.12374	8.60933	1.49358	1
cg23088227	COMMD6;COMMD6	6.28E-06	0.339396	0.941658	-1.06196	6.44E-05	0.638647	-1.56581	6.76E-07	0.437697	-2.28469	0.599766	1.03285	1.03285	0.0982879	0.895212	-1.11705	4.81E-06	0.528269	-1.89298	0.0303256	1.16816	1.16816	0.0361155	0.861755	-1.16042	1.15E-05	0.566646	-1.76477	45.7564	2.70077	0.0524666	1
cg18187762	COMMD6;COMMD6	1.31E-05	0.713727	1.09186	1.09186	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00682015	COMMD6;COMMD6	0.00142895	0.0243044	0.809602	-1.23517	0.798509	0.02033	1.02033	0.239633	1.10172	1.10172	0.1865	0.1	0.895677	-1.11647	0.00348496	0.732058	-1.36601	0.908479	1.00909	1.00909	0.314	0.552308	-1.81058	0.0723631	1.17088	1.17088	0.486795	1.05716	1.05716	10.6269	1.0418	0.0871416	1
cg00504034	COMMD6;COMMD6	0.00520768	0.0052307	0.461984	-2.16457	0.0131883	0.64294	-1.55517	0.0048737	0.0002337	0.264878	-3.77533	0.4524493	1.85157	-1.11294	0.0015854	0.565304	-1.76876	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg14385231	COMMD6;COMMD6	0.00534469	0.00189182	0.421803	-2.37078	0.148357	0.737904	-1.35519	0.92048	0.980558	-1.01983	0.809295	0.953707	-1.04854	0.0046248	0.477724	2.09326	0.167681	0.749541	-1.33415	0.00454387	0.339045	-2.94946	0.341312	1.221195	1.21195	0.162014	0.746240	1.17946	4.37677	0.541059	1
cg10350274	COMMD6;COMMD6	0.00718864	0.682523	1.06479	1.06479	0.877354	0.9767	-1.02386	0.944923	0.989508	-1.0106	0.110032	1.30462	1.30462	0.00158072	0.5003	-1.9988	0.0226311	0.659239	-1.5169	0.0123718	0.682182	-1.46588	0.267838	0.838447	-1.19268	0.00141355	0.493923	-2.02461	6.56045	2.42141	0.328082	1
cg04923080	COMMD6;COMMD6	0.00743609	0.385379	1.09252	1.09252	-1.04502	0.676667	-1.4467	0.0318083	0.66294	-1.50843	0.202217	0.802527	-1.24606	0.779548	1.05602	1.05602	0.515964	1.03844	1.03844	0.5653894	0.5653894	1.5674	0.806456	1.13883	1.13883	0.517524	0.898356	-1.11314	0.7421	1.58129	0.375715	1
cg27134944	COMMD6;COMMD6	0.0184407	0.00552504	0.598303	-1.67233	0.939871	0.573764	-1.74288	0.919818	0.937959	-1.06614	0.22919	0.442162	-2.26161	0.00914687	0.121743	8.21405	0.051886	0.244669	-4.08715	0.0316842	0.0766911	-12.912	0.0822007	0.293809	-3.40357	0.0197219	0.166727	-5.99781	4.83559	30.9882	5.69633	1
cg06014422	COMMD6;COMMD6	0.365352	0.7384854	1.03426	1.03426	0.4016	0.12125	1.62004	0.0972	1.30594	1.14521	0.4221512	0.828204	1.08262	0.6111	0.9403767	1.03167	0.940844	0.741341	-1.34901	0.5950595	0.5950595	1.69794	0.589041	0.931749	-1.07328	0.6424295	0.7299059	-1.37009	0.351711	0.6093847	1.05	1
cg11575942	COMMD6;COMMD6	0.0305907	0.211758	0.765143	-1.30694	0.150026	0.730505	-1.36892	0.816203	0.953726	-1.04852	0.994452	0.998586	-1.00142	0.0641893	0.654924	1.5269	0.128572	0.715866	-1.39691	0.0710332	0.663388	-1.50741	0.00107547	0.374254	-2.67198	0.0248834	0.580832	-1.72167	4.0586	2.66182	0.582976	1
cg13459361	COMMD7;COMMD7	06	0.0369535	0.009134	-5.91749	?	?	?	0.734847	1.20023	0.2193435	0.195772	-5.10798	0.0808939	0.353737	2.82696	0.771208	0.850586	1.16947	?	?	?	0.326942	1.72178	1.72178	0.427067	1.54556	1.39284	13.9405	4.05821	1
cg11004309	COMMD7;COMMD7	0.00020776	0.566338	0.928313	-1.07722	0.000134375	0.427808	-2.337	0.0322652	0.72487	-1.37956	0.688303	1.05311	1.05311	0.767156	0.962613	-1.03884	0.0049323	0.613799	-1.6292	0.563198	1.07789	1.07789	6.58E-05	2.25897	2.55897	0.00189694	1.75908	1.75908	18.1824	4.74216	0.231832	1
cg20716952	COMMD7;COMMD7	0.0061252	0.229284	0.7439	-1.34453	0.0065755	0.506413	-1.97483	0.0015153	0.177357	-5.63913	0.0017707	0.348252	-2.87101	0.0012568	0.474584	-2.10702	0.221174	0.786649	-1.27129	0.0012506	0.47684	-2.09709	0.0154153	0.730281	-1.36947	0.0724881	0.447092	-2.23645	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg18884368	COMMD7;COMMD7	0.0020639	0.197105	1.39932	1.39932	2.90E-05	0.75233	0.7523	0.0265499	1.91138	1.91138	0.0257885	1.91999	1.91999	0.9993578	1.00199	1.00199	0.551112	1.16021	1.16021	0.111054	1.5338	1.5338	0.0353107	1.82937	1.82937	0.0170059	2.04841	2.04841	5.95498	1.18762	0.854714	1
cg02979903	COMMD7;COMMD7	0.029424	0.0228888	0.648709	-2.08252	0.306298	1.32989	1.32989	0.3443862	0.768942	-1.30049	0.104487	0.619896	-1.61373	0.0154346	0.448907	-2.22744	0.473309	0.84722	-1.21666	0.0488563	0.545444	-1.83337	0.0475506	1.21595	1.21595	0.0092064	1.70213	2.70115	4.11503	4.31245	1.02226	1
cg01177209	COMMD8	0.0045345	0.373378	0.67825	-1.49296	1.94806	1.94806	0.0003	0.0003	1.06033	0.94608	0.02928	0.0003	0.0003	0.0003	0.5919305	-1.68946	0.108873	0.472072	-2.11832	0.00132508	0.134721	-7.42277	0.009456036	0.249666	-4.10398	0.2419366	0.501102	1.69176	4.50585	13.1861	0.92429	1
cg21077885	COMMD8	0.0233297	0.284891	1.24403	1.24403	0.413521	0.848462	-1.7186	0.0055583	0.03209	0.03209	0.332094	1.21798	1.21798	0.0129236	0.5452301	-1.83419	0.698058	1.07965	1.07965	0.0720182	0.67387	-1.48402	0.302048	1.23493	1.23493	0.0820359	1.46047	1.46047	4.6629	2.73131	0.544004	1
cg20472085	COMMD9;COMMD3	0.0019109	0.96486	1.02404	1.02404	0.0016314	0.018853	0.018853	0.0001	0.1774	0.1774	0.0004	0.188578	1.1386	1.1386	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg24397995	COMMD9;COMMD9	0.0175403	0.980093	0.993582	-1.00646	0.00900785	2.35591	2.35591	0.00409179	2.7025	2.7025	0.355859	1.27773	1.27773	0.00834286	0.418969	-2.38681	0.797021	0.935649	-1.06878	0.454334	1.21736	1.21736	0.848691	0.951904	-1.05053	0.982288	0.994288	-1.00575	4.91768	5.18689	0.93755	1
cg20930085	COMMD9;COMMD9	0.0183351	0.0136005	0.627287	-1.64667	0.0318083	0.66294	-1.50843	0.202217	0.802527	-1.24606	0.779548	1.05602	1.05602	0.515964	1.03844	1.03844	0.565389	1.12229	1.12229	0.0218678	0.5674	1.5674	0.806456	1.13883	1.13883	0.517524	0.898356	-1.11314	0.7421	1.58129	0.375715	1
cg08177015	COMM	3.24E-06	0.00449284	0.481786	-2.07561	7.38E-07	0.0760065	-13.1568	7.74E-05	0.251634	-3.974	6.63E-05	0.244086	-4.09692	2.77E-06	0.114447	8.73769	0.002039342	0.452471	-2.31229	8.95E-07	0.080998	-12.346	1.53E-05	0.177959	-5.61929	0.000579586	0.358402	-2.79016	54.2668	31.9433	0.52323	1
cg20185461	COMP	1.11E-05	0.887908	1.02669	1.02669	0.000410291	0.350688	-2.85154	0.0113804	0.553417	-1.80696	0.0209996	0.595392	-1.67957	0.000171029	0.303314	3.29692	0.014696	0.570705	-1.75222	3.14E-05	0.21967	-4.55229	2.49E-06	8.41595	8.41595	0.00350136	2.09539	2.09539	19.4935	21.8153	0.491003	1
cg02624809	COMP	9.47E-05	0.834676	1.04297	1.04297	0.49391	0.69434	-1.50843	0.202217	0.802527	-1.24606	0.779548	1.05602	1.05602	0.515964	1.03844	1.03844	0.269918	1.08149	1.08149	0.307555	1.0401	1.0401	0.806491	1.13557	1.13557	0.510559	-1.23372	1.51E-06	1.85393	1.85393	0.00036222	2.1001	2.1001	6.95705	0.237106	1
cg02201071	COMP	9.53E-05	0.177736	0.837617	-1.19386	1.24E-06	0.49435	1.69435	0.12034	0.811841	-1.23177	0.408665	1.11021	1.11021	0.717467	1.19708	1.19708	0.006375746	1.55148	1.55148	0.554848	0.040781	1.33136	1.33136	0.127226	1.19414	1.19414	0.00329698	1.64098	1.64098	12.4256	5.43623	0.215477	1
cg00767475	COMP;COMP	0.00385258	0.003834598	0.4099	-2.43902	0.0065611	0.476684	-1.67963	0.0017304	0.132029	-7.57408	0.0012676	0.327691	-3.05107	0.0001174	0.231211	4.32506	0.000127	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	0.0001174	1
cg04273661	COMP	0.00063789	0.0109337	-1.84753	1.84753	0.40235	1.17906	1.17906	0.166187	1.3281	1.3281	0.0297715	0.611688	-1.63482	0.000218609	0.305919	3.26884	0.010449	0.538202	-1.85804	0.000132373	0.279694	-3.57534	0.299818	0.813423	-1.22937	0.71997	0.933153	1.07164	13.3536	7.81171	0.519989	1
cg11086760	COMP	0.00079933	0.804626	0.962555	-1.03847	0.0290058	0.675691	-1.47997	0.861324	0.97372	-1.02699	0.7558	0.953595	-1.04866	0.1459458	0.788403	-1.26839	0.698381	0.942415	-1.0611	0.0220084	1.47899	1.47899	0.365869	1.15164	1.15164	1.44E-05	0.95177	3.95377	12.5364	4.60593	0.326583	1
cg09980058	COMP	0.00143818	0.726681	1.08165	1.08165	0.0016314	0.018853	0.018853	0.0001	0.1774	0.1774	0.0004	0.188578	1.1386	1.1386	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg19907305	COMP	0.00401027	0.0192418	0.370521	-2.6989	0.209714	0.629075	-1.58963	0.416092	0.747208	-1.33832	0.163534	0.593725	-1.68428	0.000639112	0.159121	6.28454	0.791669	1.09726	1.09726	0.000236394	0.118124	-8.46571	0.979545	0.991052	-1.00903	0.104469	0.536747	-1.86308	7.84642	15.2758	1.73054

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg08627847	COPS7A;COPS7A;COPS7A;COPS7A	0.0421691	0.0226418	0.296821	-3.36903	0.577975	0.7787	-1.28419
cg04105166	COPS7A;COPS7A;COPS7A;COPS7A	0.0448828	0.382208	0.671163	-1.48995	0.0100471	0.235593	-4.24461
cg18844850	COPS7A;COPS7A;COPS7A;COPS7A;COPS7A	0.00526028	0.762591	0.9596	-1.0421	0.216501	1.19366	1.19366
cg14782991	COPS7A;COPS7A;COPS7A;COPS7A;COPS7A	0.0237688	0.0442228	3.32364	3.32364	0.75799	0.85163	-1.17422
cg00694371	COPS7A;COPS7A;COPS7A;COPS7A;COPS7A;COPS7A	0.00122625	0.507846	1.30207	1.30207	0.0141965	3.28291	3.28291
cg01987515	COPS7B	8.77E-06	0.195783	1.26017	1.26017	1.42E-06	11.2751	11.2751
cg17496336	COPS7B	0.00217507	0.0479494	0.781113	-1.28022	0.139593	0.840558	-1.18969
cg05422352	COPS7B	0.00604188	0.308404	0.66933	-1.49403	0.00203309	0.19077	-5.2419
cg19617395	COPS7B	0.0163954	0.68833	0.84677	-1.18096	0.279436	1.59015	1.59015
cg21620968	COPS7B	0.0319215	0.0505581	0.426564	-2.34431	0.462311	0.751181	-1.33124
cg05224573	COPS8;COPS8	0.0313913	0.0893009	0.752326	-1.32921	0.107764	1.3055	1.3055
cg08163523	COPS8;COPS8;COPS8;COPS8	0.00465152	0.708106	0.928036	-1.07754	0.662804	1.09103	1.09103
cg03948415	COPZ1	0.00186855	0.0617027	1.36098	1.36098	0.593558	1.08209	1.08209
cg17271146	COPZ1	0.00333427	0.042793	0.602132	-1.66076	0.109581	0.68419	-1.46158
cg23020582	COPZ1	0.00753351	0.0105338	0.561106	-1.78219	0.16387	0.765866	-1.30571
cg05147638	COPZ1	0.0327923	0.0338755	0.486684	-2.05472	0.0418321	1.97782	1.97782
cg17740401	COPZ2	0.000247551	0.296419	0.736221	-1.35829	0.00707838	0.373676	-2.67612
cg03272408	COPZ2	0.0017378	0.188126	0.741056	-1.34943	0.33231	0.806615	-1.23975
cg03569507	COPZ2	0.0042769	0.330221	0.7212	-1.38658	0.659921	0.865851	-1.15493
cg25551545	COPZ2	0.0128122	0.0210989	0.324585	-3.08085	0.935494	0.967695	-1.03338
cg25004507	COPZ2	0.0328589	0.114808	0.679015	-1.47272	0.309589	1.2679	1.2679
cg09111258	COPZ2;MIR152	0.0106148	0.612525	0.913529	-1.09466	0.00759956	1.83655	1.83655
cg26848371	COQ10A	6.88E-05	4.60E-05	0.249199	-4.01286	0.0148083	1.71797	1.71797
cg11829390	COQ10A	0.00179755	0.0222722	0.569106	-1.75714	0.0033531	0.439865	-2.27342
cg10806510	COQ10A	0.00542978	0.0611317	0.408458	-2.44823	0.0839346	0.444209	-2.25119
cg21147422	COQ10A;COQ10A	0.00106837	0.022824	0.353944	-2.8253	0.548385	1.26056	1.26056
cg06372929	COQ10A;COQ10A	0.00122396	0.015384	0.647805	-1.54368	0.000481687	2.22414	2.22414
cg17050045	COQ10A;COQ10A	0.00205627	0.742311	0.95206	-1.05035	0.399972	1.13733	1.13733
cg26804944	COQ10A;COQ10A	0.00419402	0.271384	0.954821	-1.04732	0.0920355	0.927853	-1.07776
cg16266536	COQ10A;COQ10A	0.00687875	0.0114159	0.626776	-1.59547	0.393144	0.878907	-1.13778
cg19842065	COQ10A;COQ10A	0.0407675	0.00812733	0.583639	-1.71339	0.0479176	1.43245	1.43245
cg00239654	COQ10A;COQ10A;COQ10A	0.00443652	0.0233107	1.52908	1.52908	0.0947013	0.749969	-1.33339
cg21234853	COQ10B	8.80E-05	3.58E-06	0.217013	-4.60802	0.481357	1.10579	1.10579
cg26108999	COQ10B	0.000137007	0.014782	0.483843	-2.06679	0.108401	1.52787	1.52787
cg04219725	COQ10B	0.00441466	0.0487799	1.83765	1.83765	0.118768	1.58067	1.58067
cg08357651	COQ10B	0.00924832	0.000739389	2.29103	2.29103	0.0230499	1.55215	1.55215
cg05059169	COQ10B	0.0288788	0.126347	0.380623	-2.62727	0.0660653	0.299896	-3.33449
cg26853401	COQ2	0.00227027	0.019576	0.674196	-1.48325	0.119432	1.26636	1.26636
cg19050973	COQ2	0.00452314	0.000927767	0.231649	-4.31688	0.208227	0.675418	-1.48056
cg11971248	COQ2	0.0152477	0.0174441	0.450412	-2.22019	0.00510296	2.77299	2.77299
cg11798066	COQ2	0.0254507	0.0138054	0.133172	-7.5091	0.0169593	0.145292	-6.88271
cg24119471	COQ3	3.33E-05	?	?	?	0.000559833	2.99902	2.99902
cg24831427	COQ3	0.000397388	0.0662866	0.524443	-1.90679	0.51925	0.814875	-1.22718
cg18751133	COQ3	0.000764366	0.238653	0.662485	-1.50947	0.171524	0.615285	-1.62526
cg03514381	COQ3	0.000941937	0.0666577	0.39332	-2.54246	0.0134363	0.24934	-4.01059
cg05237015	COQ3	0.00103366	0.0015975	0.38842	-2.57453	0.331556	0.811238	-1.23268
cg05567646	COQ3	0.0150934	0.0143373	0.305718	-3.27098	0.0612938	0.437072	-2.28795
cg16665103	COQ3	0.0317521	0.00234325	0.401794	-2.48883	0.296694	1.26149	1.26149
cg13501225	COQ4	0.00637854	0.0208956	0.459228	-2.17757	0.990279	1.00342	1.00342
cg14193314	COQ4	0.0102329	0.431591	0.88034	-1.13593	0.133359	0.773303	-1.29315
cg14458731	COQ4;TRUB2	0.00753702	0.00611724	0.140454	-7.11979	0.0375603	0.266156	-3.75719
cg27304573	COQ5	0.000890207	0.000540988	0.295902	-3.3795	2.04E-05	0.142455	-7.01977
cg01762738	COQ5	0.00177254	0.955553	1.00905	1.00905	0.473219	0.888713	-1.12522
cg19972591	COQ5	0.00413212	0.782678	0.979634	-1.02079	0.00145789	1.40791	1.40791
cg07474051	COQ5	0.00563256	0.443119	1.21874	1.21874	0.00561337	0.398589	-2.50885
cg21643265	COQ5	0.00667439	0.619562	0.952175	-1.05023	0.21533	0.880116	-1.13621
cg11075121	COQ5	0.0131743	0.160086	0.823837	-1.21383	0.913225	0.986025	-1.01417
cg23830810	COQ5	0.0468853	0.078743	0.376327	-2.65726	0.0391731	3.30242	3.30242
cg19835839	COQ5;COQ5	0.000817773	0.00176829	0.759943	-1.31589	0.161502	1.09655	1.09655
cg07033643	COQ6;COQ6	7.82E-05	0.290083	0.861396	-1.16091	0.125387	0.798208	-1.25281
cg15492104	COQ6;COQ6;FAM161B	0.00725874	0.427751	1.06271	1.06271	0.0073158	0.771219	-1.29665
cg10784821	COQ6;FAM161B	0.0018263	0.390535	1.1418	1.1418	0.282987	0.845243	-1.18309
cg16524108	COQ6;FAM161B;COQ6	6.36E-08	1.32E-08	0.212601	-4.70365	3.67E-08	0.256772	-3.89451
cg07807817	COQ6;FAM161B;COQ6	0.000570219	0.196148	0.737679	-1.3556	0.0178447	1.89831	1.89831
cg05050047	COQ7	0.00123731	0.799307	0.96818	-1.03287	2.28E-05	0.340824	-2.93407
cg03144643	COQ7	0.00530548	0.00125025	1.89471	1.89471	0.935941	1.01096	1.01096
cg03325633	COQ7	0.0111366	0.086903	0.650579	-1.53709	0.064478	1.60363	1.60363
cg16660394	COQ7	0.0130494	0.0144817	0.48535	-2.06037	0.0645231	0.607582	-1.64587
cg26588778	COQ7	0.0171682	0.234492	0.69597	-1.43684	0.00263555	0.298027	-3.3554
cg03772408	COQ7	0.0219757	0.615672	0.916505	-1.0911	0.00839488	0.559903	-1.78602
cg18305837	COQ7	0.0242561	0.969223	1.00366	1.00366	0.6252	0.954433	-1.04774
cg05305993	COQ7	0.0321592	0.00615141	8.53507	8.53507	0.0139482	6.18304	6.18304
cg08293930	COQ9	0.019015	0.690496	1.22455	1.22455	0.0569296	0.33607	-2.97557
cg06578063	COQ9	0.044028	0.363651	0.630591	-1.58581	0.722181	0.838346	-1.19283
cg01861389	COQ9;CIAPIN1	0.0183846	0.872649	0.977874	-1.02263	0.62133	1.07192	1.07192
cg13765646	CORIN	0.000924947	0.406946	1.07324	1.07324	0.0089396	0.757985	-1.31929
cg14026538	CORIN	0.00138039	0.00429171	0.424941	-2.35327	0.60562	1.12379	1.12379
cg24549609	CORIN	0.00262811	0.00153033	0.159655	-6.26352	0.193964	0.575302	-1.73822
cg07243941	CORIN	0.00284171	?	?	?	0.00239133	0.250877	-3.98601
cg12147198	CORIN	0.0190245	0.520503	0.819002	-1.221	0.654859	0.871161	-1.14789
cg04050782	CORIN	0.0205559	0.574955	1.25128	1.25128	0.382276	1.4255	1.4255
cg08163798	CORIN	0.0252595	0.0258	0.133634	-7.48313	0.00745861	0.072838	-13.7291
cg02553486	CORIN	0.0272665	0.0258263	0.409447	-2.44232	0.0776024	1.93834	1.93834
cg00876141	CORIN	0.0275881	0.497312	1.16288	1.16288	0.00333317	2.39882	2.39882
cg12718528	CORIN	0.0294373	0.368139	1.2103	1.2103	0.862784	1.03636	1.03636
cg10391212	CORIN	0.0435969	0.0187338	0.50377	-1.98503	0.989017	0.996693	-1.00332
cg03808462	CORIN	0.0488234	0.0988544	0.634599	-1.5758	0.0576305	1.71517	1.71517
cg10423428	CORO1A	0.00121451	0.646409	0.905662	-1.10416	0.960388	1.01071	1.01071
cg07532839	CORO1A	0.0052285	0.298712	0.77613	-1.28844	0.639346	0.894893	-1.11745
cg01207490	CORO1A	0.00967332	0.000968296	0.522477	-1.91396	0.0799086	1.29285	1.29285
cg07734253	CORO1A	0.0255419	0.857205	0.979117	-1.02133	0.0098057	1.46605	1.46605
cg06038367	CORO1A	0.0404489	0.348624	0.732641	-1.36493	0.0173568	2.54486	2.54486
cg05750788	CORO1B;CORO1B	0.000869585	0.0267799	0.666392	-1.50062	0.525272	1.1047	1.1047
cg15336893	CORO1B;CORO1B	0.0021673	0.45065	0.880108	-1.13622	0.00504814	1.85174	1.85174
cg19544441	CORO1B;CORO1B	0.0128759	0.000992495	0.16744	-5.97228	0.908016	1.04313	1.04313
cg09739036	CORO1B;CORO1B	0.0166838	0.444927	1.3061	1.3061	0.247433	1.5139	1.5139
cg20134541	CORO1B;CORO1B	0.023289	0.138403	1.3226	1.3226	0.772928	0.950556	-1.05202
cg12835342	CORO1B;CORO1B	0.0249598	0.0559573	0.799873	-1.2502	0.107461	0.834276	-1.19864
cg03766872	CORO1B;CORO1B	0.0311414	0.489768	0.671601	-1.48898	0.422933	0.628499	-1.59109
cg18825927	CORO1B;CORO1B	0.032113	0.0333548	0.285556	-3.50194	0.0928276	2.53967	2.53967
cg02220365	CORO1B;CORO1B	0.0329235	0.00154903	0.111704	-8.95222	0.367406	0.640269	-1.56184
cg04867406	CORO1B;CORO1B	0.0423454	0.562772	1.07841	1.07841	0.365915	0.887055	-1.12733
cg23010585	CORO1B;CORO1B	0.0474828	0.0151086	0.298503	-3.35005	0.042931	0.389309	-2.56866
cg25256924	CORO1B;CORO1B;PTPRCAP	0.0149969	0.690856	1.08891	1.08891	0.194695	0.746538	-1.33952
cg13204290	CORO1C	1.75E-05	0.00392892	2.77728	2.77728	6.43E-07	0.027821	-35.9441
cg21011570	CORO1C	4.95E-05	5.11E-07	0.00910464	-109.834	0.00535073	0.341561	-2.92773
cg19508191	CORO1C	0.000247193	?	?	?	0.4226	1.2697	1.2697
cg09679862	CORO1C	0.0017339	0.000507854	0.491007	-2.03663	0.443084	1.10784	1.10784
cg01273150	CORO1C	0.00493586	0.177112	1.2029	1.2029	0.211938	0.844238	-1.1845
cg23448432	CORO1C	0.00496968	0.807826	1.05497	1.05497	0.0104462	0.492692	-2.02966
cg03016991	CORO1C	0.0116152	0.000550556	0.100622	-9.93823	0.980328	1.01061	1.01061
cg26544458	CORO1C	0.0158372	0.934285	1.02111	1.02111	0.0402909	0.548797	-1.82217
cg04584872	CORO1C	0.0361764	0.853396	1.05787	1.05787	0.726053	0.898535	-1.11292
cg21618439	CORO2A	0.00429467	0.752416	1.04736	1.04736	0.600725	0.925692	-1.08027
cg13675814	CORO2A;CORO2A	0.00160562	0.000262364	0.198408	-5.04013	0.444369	1.23395	1.23395
cg10391950	CORO2B	0.000631382	0.0613661	0.827457	-1.20852	0.0106816	1.33424	1.33424
cg03180768	CORO2B	0.00087764	0.0965186	0.823978	-1.21363	0.00157071	0.617629	-1.61909
cg12043722	CORO2B	0.00174107	0.0587532	0.871782	-1.14708	0.785616	0.982628	-1.01768
cg21767554	CORO2B	0.00201307	0.617917	1.11882	1.11882	0.584896	1.13106	1.13106
cg17388678	CORO2B	0.00397994	0.972425	0.995878	-1.00414	0.000187481	2.12381	2.12381
cg08703718	CORO2B	0.00486629	0.0112812	0.617341	-1.61985	0.775146	0.957408	-1.04449
cg08154627	CORO2B	0.0104318	0.488971	1.20769	1.20769	0.00684279	2.56084	2.56084
cg18765659	CORO2B	0.0117016	0.799005	1.03811	1.03811	0.143529	1.25906	1.25906
cg03759236	CORO2B	0.028052	0.180131	0.629612	-1.58828	0.0044296	0.291025	-3.43613
cg19292827	CORO2B	0.0342872	0.238822	0.765432	-1.30645	0.0603397	1.58249	1.58249
cg06741043	CORO2B;CORO2B	0.0375627	0.265619	0.865802	-1.155	0.980081	0.996904	-1.00311
cg11404795	CORO6	0.000207384	0.00453592	0.784805	-1.2742	0.000265575	1.46779	1.46779
cg00516222	CORO6	0.00205599	0.278235	1.09234	1.09234	0.552506	0.954208	-1.04799
cg23179181	CORO6	0.00824503	0.362518	0.602171	-1.66066	0.0150133	5.05432	5.05432
cg20985587	CORO6	0.0116032	0.234059	1.42168	1.42168	0.0814534	1.72408	1.72408
cg27413732	CORO6	0.0201019	0.0489297	7.26111	7.26111	0.0969011	4.9861	4.9861
cg07324087	CORO6	0.0244228	0.222831	0.860441	-1.16219	0.00185174	1.67955	1.67955
cg13757826	CORO6	0.0293602	0.0236631	66.4175	66.4175	0.0358007	44.4352	44.4352
cg26623837	CORO6	0.0414226	0.0256421	5.2242	5.2242	0.117847	2.88384	2.88384
cg00658411	CORO7	0.00946357	0.0720508	0.609418	-1.64091	0.00966778	0.445922	-2.24255
cg04395006	CORO7	0.0128966	0.578722	0.926204	-1.07968	0.768944	0.960539	-1.04108
cg02351655	CORO7	0.023112	0.77619	0.907683	-1.10171	0.366585	1.37056	1.37056
cg00055052	CORO7	0.0286986	0.76239	1.06121	1.06121	0.489397	1.1475	1.1475
cg00585033	CORO7	0.0295633	0.0441368	0.687952	-1.45359	0.00778227	0.575394	-1.73794

Probeset ID	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08627847	0.162798	0.51525	-1.94081	0.112798	0.463839	-2.15592	0.00767851	0.217669	-4.59414
cg04105166	0.213123	1.79208	1.79208	0.800206	0.893299	-1.11945	0.00941173	0.231156	-4.32607
cg18844850	8.72E-05	2.60607	2.60607	0.389461	0.886881	-1.12755	0.587112	0.928085	-1.07749
cg14782991	0.851753	1.1021	1.1021	?	?	?	0.308733	1.72882	1.72882
cg00694371	0.0263249	2.81544	2.81544	0.0164701	0.316184	-3.16272	0.188803	0.578666	-1.72811
cg01987515	4.81E-06	7.5576	7.5576	0.000829204	0.405328	-2.46714	0.366855	0.855569	-1.16881
cg17496336	0.000107155	2.10976	2.10976	0.107976	0.825624	-1.2112	0.21192	0.866176	-1.1545
cg05422352	0.0457071	0.417955	-2.3926	0.426297	0.733923	-1.36254	0.00936759	0.285142	-3.50702
cg19617395	0.82245	0.911461	-1.09714	0.0160871	0.29671	-3.3703	0.000793918	0.123623	-8.08911
cg21620968	0.183538	0.583018	-1.71521	0.5516	0.794285	-1.25899	0.00629978	0.256524	-3.89827
cg05224573	0.0133432	1.59297	1.59297	0.238925	1.20604	1.20604	0.318687	1.16946	1.16946
cg08163523	0.917321	0.979592	-1.02083	0.847105	1.03908	1.03908	0.105823	1.4202	1.4202
cg03948415	0.000706711	2.12952	2.12952	0.333481	1.15731	1.15731	0.00385469	0.565366	-1.76877
cg17271146	0.19423	0.741714	-1.34823	0.331197	0.804029	-1.24374	0.0772016	0.652173	-1.53333
cg23020582	0.476013	0.877981	-1.13898	0.474717	1.13943	1.13943	0.000214697	0.329723	-3.03285
cg05147638	0.275853	0.719244	-1.39035	0.460104	1.24439	1.24439	0.0179898	0.433581	-2.30637
cg17740401	0.00010757	0.144896	-6.90149	0.00855373	0.387178	-2.58279	0.000226712	0.176596	-5.66265
cg03272408	0.017245	0.536106	-1.8653	0.0855175	1.50445	1.50445	0.09405	0.673282	-1.48526
cg03569507	0.000459074	0.166239	-6.01545	0.0307481	0.438056	-2.28281	0.0590572	0.499865	-2.00054
cg25551545	0.00382213	0.205544	-4.86513	0.510069	0.762558	-1.31138	0.0205971	0.322591	-3.0999
cg25004507	0.0244944	1.83109	1.83109	0.0767883	0.641287	-1.55936	0.367922	1.23216	1.23216
cg09111258	0.0928582	1.38739	1.38739	0.114616	1.35507	1.35507	0.187464	1.28066	1.28066
cg26848371	0.00203747	0.456195	-2.19204	0.239617	1.24886	1.24886	5.11E-06	0.153862	-6.49935
cg11829390	0.398065	1.19487	1.19487	0.830443	0.956835	-1.04511	9.99E-05	0.241666	-4.13794
cg10806510	0.164852	0.533284	-1.87517	0.227189	0.583951	-1.71247	0.000309746	0.0834539	-11.9827
cg21147422	0.862027	0.935828	-1.06857	0.00423555	0.2323	-4.30477	0.000250165	0.0999066	-10.0093
cg06372929	0.0593125	1.36451	1.36451	0.0385924	0.704853	-1.41874	0.00190837	0.526311	-1.90002
cg17050045	0.293729	1.17703	1.17703	0.00305497	1.88842	1.88842	0.566449	1.09022	1.09022
cg26804944	0.00721111	0.869347	-1.15029	0.100906	1.07524	1.07524	0.102557	0.930413	-1.07479
cg16266536	0.717077	1.05517	1.05517	0.0146231	0.641703	-1.55835	0.0824151	0.752855	-1.32828
cg19842065	0.0203101	1.55985	1.55985	0.428726	0.879512	-1.13699	0.277865	0.835832	-1.19641
cg00239654	0.176957	0.798655	-1.2521	0.559799	0.911762	-1.09678	0.893697	0.979274	-1.02117
cg21234853	0.00117795	1.95179	1.95179	0.114692	0.785807	-1.27258	0.0799449	0.761095	-1.3139
cg26108999	0.0822123	0.627497	-1.59363	0.289193	0.766224	-1.3051	3.52E-06	0.0715697	-13.9724
cg04219725	0.000202044	5.39651	5.39651	0.374062	0.781368	-1.27981	0.0129952	2.30117	2.30117
cg08357651	0.0567351	1.41743	1.41743	0.260997	0.827267	-1.2088	0.709061	0.941174	-1.0625
cg05059169	0.190508	0.44499	-2.24724	0.0460162	0.263008	-3.80216	0.00199594	0.0781733	-12.7921
cg26853401	0.0230297	1.46216	1.46216	0.00133398	0.521062	-1.91916	0.00932012	0.630688	-1.58557
cg19050973	0.133051	1.61499	1.61499	0.347787	0.751324	-1.33098	0.000530512	0.202748	-4.93222
cg11971248	0.808887	1.06906	1.06906	0.0484442	0.537193	-1.86153	0.0301505	0.495249	-2.01919
cg11798066	0.0741338	0.267579	-3.73721	0.161158	0.371062	-2.69497	0.00604238	0.0929495	-10.7585
cg24119471	0.000584049	2.97324	2.97324	?	?	?	6.44E-06	0.0893605	-11.1906
cg24831427	0.534008	0.8209	-1.21818	0.147878	0.614805	-1.62653	0.000195124	0.140366	-7.12421
cg18751133	0.79485	0.916734	-1.09083	0.0645848	0.500258	-1.99897	0.000223004	0.128715	-7.76912
cg03514381	0.108058	0.451296	-2.21584	0.0802418	0.414529	-2.41238	0.000242256	0.0636321	-15.7153
cg05237015	0.1923	0.749627	-1.334	0.0288373	0.583784	-1.71296	0.000896157	0.354068	-2.82432
cg05567646	0.557585	0.792312	-1.26213	0.0702989	0.45196	-2.21258	0.00221648	0.185839	-5.38101
cg16665103	0.232819	1.30814	1.30814	0.381534	0.824735	-1.21251	0.442652	1.18301	1.18301
cg13501225	0.759937	0.917775	-1.08959	0.0596149	1.8133	1.8133	0.00107523	0.258676	-3.86584
cg14193314	0.0290108	0.664547	-1.50479	0.939248	0.98797	-1.01218	0.000240654	0.381065	-2.62423
cg14458731	0.0753151	0.337441	-2.96348	0.0381449	0.267563	-3.73744	0.00185102	0.0885257	-11.2962
cg27304573	0.412963	0.827391	-1.20862	0.137733	0.696397	-1.43596	0.0088279	0.470149	-2.12699
cg01762738	0.14173	0.774514	-1.29113	4.39E-05	3.50069	3.50069	0.114249	1.32028	1.32028
cg19972591	0.476488	0.947553	-1.05535	0.725533	0.974112	-1.02658	0.314749	0.925557	-1.08043
cg07474051	0.00175906	0.323833	-3.08801	0.00426594	0.380107	-2.63084	0.355534	1.27179	1.27179
cg21643265	0.965405	0.995762	-1.00426	0.0136777	0.741867	-1.34795	0.0156242	0.748082	-1.33675
cg11075121	0.805464	0.968643	-1.03237	0.0124821	1.49378	1.49378	0.33765	1.13612	1.13612
cg23830810	0.972094	1.01766	1.01766	0.701204	1.21286	1.21286	0.00528905	0.158781	-6.29798
cg19835839	0.0254816	1.17782	1.17782	0.00234716	1.29918	1.29918	0.00048572	1.40091	1.40091
cg07033643	0.00062413	2.04421	2.04421	1.09E-05	0.279977	-3.57172	0.92458	1.01295	1.01295
cg15492104	0.350157	1.07492	1.07492	0.00241206	1.37365	1.37365	0.494462	0.949215	-1.0535
cg10784821	0.26508	1.19131	1.19131	0.102229	0.763727	-1.30937	3.06E-05	0.293069	-3.41217
cg16524108	7.27E-07	0.395717	-2.52706	5.34E-06	0.489871	-2.04135	2.45E-07	0.344051	-2.90654
cg07807817	0.000400729	3.5022	3.5022	0.515157	0.863382	-1.15824	0.00159577	0.364868	-2.74072
cg05050047	0.010395	0.663921	-1.5062	0.902606	0.984581	-1.01566	0.131264	0.813174	-1.22975
cg03144643	0.406569	1.12199	1.12199	0.359434	0.880077	-1.13626	0.595636	0.929962	-1.07531
cg03325633	0.0366296	1.737	1.737	0.838582	0.954681	-1.04747	0.155552	0.707847	-1.41273
cg16660394	0.109589	0.657992	-1.51978	0.00211801	0.35464	-2.81976	0.0808064	0.628396	-1.59135
cg26588778	0.715004	1.11255	1.11255	0.0688158	0.553055	-1.80814	0.0660574	0.548972	-1.82159
cg03772408	0.00324417	0.500798	-1.99681	0.0298993	0.643972	-1.55286	0.153075	0.768307	-1.30156
cg18305837	0.00235408	1.49482	1.49482	0.0252618	1.28662	1.28662	0.491752	0.93599	-1.06839
cg05305993	0.031555	4.53821	4.53821	0.118703	2.76221	2.76221	0.770731	1.19161	1.19161
cg08293930	0.0501088	0.322855	-3.09736	0.122206	0.428351	-2.33453	0.208436	1.95656	1.95656
cg06578063	0.362913	0.630119	-1.587	0.169069	2.06194	2.06194	0.0109831	0.206781	-4.83604
cg01861389	0.816151	0.968039	-1.03302	0.145077	0.803915	-1.24391	0.846253	0.973287	-1.02745
cg13765646	0.00904807	0.758485	-1.31842	0.216363	0.897272	-1.11449	0.328012	0.919317	-1.08776
cg14026538	0.751618	1.07374	1.07374	0.00248904	0.389913	-2.56467	3.60E-05	0.167882	-5.95656
cg24549609	0.00961902	0.267537	-3.73781	0.0028192	0.191082	-5.23335	0.000773145	0.129084	-7.74688
cg07243941	?	?	?	0.0363248	0.451532	-2.21468	0.00129643	0.216297	-4.62327
cg12147198	0.0526109	0.508919	-1.96495	0.0423599	0.488351	-2.04771	0.0166224	0.407972	-2.45115
cg04050782	0.205683	0.589651	-1.69592	0.250551	0.62186	-1.60808	0.195582	0.581838	-1.71869
cg08163798	0.0304591	0.14461	-6.91517	0.185	0.343411	-2.91196	0.00959888	0.0826599	-12.0978
cg02553486	0.130632	0.576494	-1.73462	0.280497	1.46009	1.46009	0.471469	0.781025	-1.28037
cg00876141	0.115529	0.687521	-1.4545	0.0317524	0.576218	-1.73545	0.167849	1.37973	1.37973
cg12718528	0.0118087	0.522469	-1.91399	0.565247	0.886891	-1.12753	0.0638246	0.650396	-1.53752
cg10391212	0.428864	1.21456	1.21456	0.63892	0.892487	-1.12046	0.236544	0.741929	-1.34784
cg03808462	0.0186065	0.488223	-2.04824	0.0393329	0.549288	-1.82054	0.0338206	0.536473	-1.86403
cg10423428	0.30124	0.794715	-1.25831	0.0427943	1.64903	1.64903	0.127457	1.42414	1.42414
cg07532839	0.749898	1.07815	1.07815	0.639229	0.894857	-1.1175	0.266658	0.761623	-1.31299
cg01207490	0.77469	0.962776	-1.03866	0.0618238	0.757301	-1.32048	0.280217	0.862113	-1.15994
cg07734253	0.0327751	1.33998	1.33998	0.947819	1.0077	1.0077	0.920889	1.01171	1.01171
cg06038367	0.752981	0.90322	-1.10715	0.0902442	1.82564	1.82564	0.0659834	0.514261	-1.94454
cg05750788	0.0166389	0.636146	-1.57197	0.922346	1.0152	1.0152	0.00856197	0.595212	-1.68007
cg15336893	0.0420723	1.47578	1.47578	0.106288	0.74597	-1.34054	0.00159644	2.12242	2.12242
cg19544441	0.268421	0.656327	-1.52363	0.228856	0.630449	-1.58617	0.0136459	0.328077	-3.04807
cg09739036	0.216464	0.640179	-1.56206	0.0940456	0.531889	-1.88009	0.79403	1.09387	1.09387
cg20134541	0.751141	1.05735	1.05735	0.63299	1.08798	1.08798	0.00531428	0.525305	-1.90366
cg12835342	0.00549614	0.686283	-1.45713	0.840339	1.02102	1.02102	0.615978	1.05354	1.05354
cg03766872	0.361353	0.587196	-1.70301	0.700449	0.80305	-1.24525	0.0124335	0.171177	-5.84191
cg18825927	0.130331	2.27846	2.27846	0.00293572	0.127573	-7.83862	0.357354	1.61138	1.61138
cg02220365	0.856021	1.0914	1.0914	0.211545	0.530574	-1.88475	0.16014	0.485463	-2.05989
cg04867406	0.0562915	1.32163	1.32163	0.214965	0.845009	-1.18342	0.130981	1.23416	1.23416
cg23010585	0.66946	1.18993	1.18993	0.314664	0.656364	-1.52355	0.164693	0.548672	-1.82258
cg25256924	0.0751358	0.65556	-1.52541	0.0273641	0.573381	-1.74404	0.00128294	0.367787	-2.71896
cg13204290	0.967625	0.989374	-1.01074	0.87398	0.959081	-1.04267	?	?	?
cg21011570	0.00379582	0.317244	-3.15215	0.162825	0.656156	-1.52403	0.0407084	0.508282	-1.96741
cg19508191	0.0334264	2.09636	2.09636	3.26E-05	0.0721015	-13.8693	0.000186719	7.40699	7.40699
cg09679862	0.00212965	0.568217	-1.75989	0.000761539	0.512714	-1.9504	0.020275	0.693152	-1.44268
cg01273150	0.000474312	2.02745	2.02745	0.0315371	0.722736	-1.38363	0.0662526	0.766986	-1.3038
cg23448432	0.0019734	0.382872	-2.61184	0.987107	1.00355	1.00355	0.18222	0.732798	-1.36463
cg03016991	0.733967	1.15722	1.15722	0.288692	0.62409	-1.60233	0.0785165	0.433226	-2.30827
cg26544458	0.0141353	0.464425	-2.1532	0.0236347	1.98251	1.98251	0.375208	0.794133	-1.25923
cg04584872	0.659502	0.873841	-1.14437	0.979967	0.992392	-1.00767	0.00158081	0.251639	-3.97395
cg21618439	0.132208	1.26816	1.26816	0.917676	0.984996	-1.01523	0.000453714	0.445751	-2.24341
cg13675814	0.814341	0.938548	-1.06548	0.763455	0.92185	-1.08478	0.00208004	0.310876	-3.21672
cg10391950	0.848854	1.01729	1.01729	0.921012	0.991127	-1.00895	0.561193	1.05421	1.05421
cg03180768	0.520201	1.07161	1.07161	0.428678	1.08951	1.08951	0.000144861	0.499413	-2.00235
cg12043722	0.60694	0.967197	-1.03392	0.604302	0.966956	-1.03417	0.395216	1.05756	1.05756
cg21767554	0.000603553	3.25726	3.25726	0.683575	0.912569	-1.09581	0.000248286	0.259145	-3.85884
cg17388678	0.620963	0.942175	-1.06137	0.538029	0.9282	-1.07735	0.0248748	0.726829	-1.37584
cg08703718	0.0506041	1.40291	1.40291	0.440512	1.12699	1.12699	0.0230284	0.661564	-1.51157
cg08154627	0.0900925	1.65117	1.65117	0.408468	1.25479	1.25479	0.822474	0.941456	-1.06218
cg18765659	0.200133	0.820076	-1.2194	0.0878984	1.31792	1.31792	0.0784099	0.750858	-1.33181
cg03759236	0.047838	0.479324	-2.08627	0.580933	1.19868	1.19868	0.0129924	0.367191	-2.72338
cg19292827	0.709791	0.922196	-1.08437	0.169076	0.72799	-1.37364	0.00159046	0.374561	-2.66979
cg06741043	0.0163761	0.694559	-1.43976	0.66319	1.05594	1.05594	0.0523782	1.31528	1.31528
cg11404795	0.0121061	0.818361	-1.22195	0.0219409	1.19263	1.19263	0.0130185	1.21829	1.21829
cg00516222	0.00302557	1.39548	1.39548	0.307597	0.920653	-1.08619	0.0175084	1.26156	1.26156
cg23179181	0.032451	3.88428	3.88428	0.0599054	3.15961	3.15961	0.665218	1.26611	1.26611
cg20985587	0.773819	0.921946	-1.08466	0.905095	0.966919	-1.03421	0.200968	0.683224	-1.46365
cg27413732	0.147379	3.93839	3.93839	0.115039	4.53082	4.53082	0.894727	1.12382	1.12382
cg07324087	0.797275	0.970247	-1.03067	0.847954	1.02278	1.02278	0.0241647	1.37085	1.37085
cg13757826	0.111292	14.7958	14.7958	0.0700696	23.2369	23.2369	0.476456	0.324796	-3.07886
cg26623837	0.198924	2.33167	2.33167	0.250264	2.11548	2.11548	0.851259	1.1242	1.1242
cg00658411	0.259283	0.748051	-1.33681	0.265945	1.33099	1.33099	0.000671952	0.277178	-3.60779
cg04395006	0.133652	0.801629	-1.24746	0.124208	0.7965	-1.25549	0.209034	1.1984	1.1984
cg02351655	0.0138946	0.355993	-2.80904	0.576497	1.21137	1.21137	0.823988	1.07864	1.07864
cg00055052	0.935745	1.01592	1.01592	0.434089	1.16928	1.16928	0.0132648	0.548085	-1.82454
cg00585033	0.257428	0.825999	-1.21065	0.562718	0.909688	-1.09928	0.057692	0.70671	-1.41501

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08627847	0.335144	0.642519	-1.55637	0.011196	0.243004	-4.11516	0.0765831	0.416166	-2.40289	0.0225453	0.296467	-3.37306	3.61194	11.3311	2.78855	1
cg04105166	0.10575	0.455567	-2.19506	0.0970709	0.444736	-2.24852	0.320599	1.57873	1.57873	0.419184	0.692627	-1.44378	3.52897	11.0648	2.78703	1
cg18844850	0.493561	1.09926	1.09926	0.24598	0.84776	-1.17958	0.244714	1.18015	1.18015	0.0739992	1.31133	1.31133	7.22561	2.12028	0.260835	1
cg14782991	0.0642905	2.94548	2.94548	0.00222569	0.107925	-9.26569	0.356752	0.61107	-1.63647	0.53575	1.38523	1.38523	4.51234	17.1538	3.80153	1
cg00694371	0.705814	0.861567	-1.16068	4.90E-05	0.0498596	-20.0563	0.968963	0.984829	-1.0154	0.456197	1.34739	1.34739	11.103	27.1464	2.17331	1
cg01987515	0.00506174	0.522047	-1.91554	3.83E-05	4.39049	4.39049	0.00262314	2.08846	2.08846	0.827132	0.964005	-1.03734	59.5155	25.9128	0.338641	1
cg17496336	0.236416	0.87324	-1.14516	0.0497162	1.27709	1.27709	0.39385	0.908988	-1.10012	0.0428409	0.775166	-1.29005	9.40859	1.77873	0.168048	1
cg05422352	0.138399	0.544703	-1.83586	0.00124177	0.165776	-6.03223	0.00438587	0.234845	-4.25813	?	?	?	7.07024	14.4349	2.04165	1
cg19617395	0.929592	1.03713	1.03713	0.540962	1.29084	1.29084	0.0311136	0.352179	-2.83946	0.171668	0.548686	-1.82254	5.02994	13.5544	2.39533	1
cg21620968	0.00385588	0.225636	-4.43192	0.0309312	0.37953	-2.63484	0.957545	1.02056	1.02056	0.0628997	0.449284	-2.22576	3.99739	9.25644	2.05833	1
cg05224573	0.019656	1.53432	1.53432	0.0352856	0.689085	-1.4512	0.624883	1.07772	1.07772	0.750737	1.0496	1.0496	4.02139	1.46945	0.324807	1
cg08163523	0.829012	1.04388	1.04388	6.43E-05	0.232544	-4.30027	0.56004	1.12414	1.12414	0.65935	1.09209	1.09209	7.50189	4.68498	0.555117	1
cg03948415	0.255678	1.1898	1.1898	0.000942684	0.485599	-2.05931	0.27809	0.847739	-1.17961	0.568937	1.08797	1.08797	9.83451	3.34087	0.301964	1
cg17271146	0.0184296	0.53686	-1.86268	6.39E-05	0.20198	-4.95099	0.148535	1.40092	1.40092	0.722332	0.925313	-1.08072	8.29318	6.21666	0.666321	1
cg23020582	0.353694	0.842539	-1.18689	0.432277	1.15477	1.15477	0.310746	1.20721	1.20721	0.831841	1.03892	1.03892	6.46497	3.30098	0.453861	1
cg05147638	0.282395	1.38369	1.38369	0.249476	0.704743	-1.41896	0.209429	1.46904	1.46904	0.0499901	0.522135	-1.91521	3.95902	5.29972	1.18991	1
cg17740401	0.101228	0.601928	-1.66133	2.48E-05	0.0933239	-10.7154	0.000689558	0.230967	-4.32961	0.0809414	0.578469	-1.7287	17.3364	21.9672	1.12632	1
cg03272408	0.0422093	0.604794	-1.65346	3.55E-05	0.180027	-5.55473	0.0163028	0.532002	-1.87969	0.110559	0.688228	-1.45301	10.0436	7.34461	0.650018	1
cg03569507	0.0667644	0.512428	-1.95149	0.000360161	0.155451	-6.4329	0.0223543	0.410497	-2.43607	0.486098	0.794356	-1.25888	7.69537	12.8967	1.48969	1
cg25551545	0.0901588	0.468768	-2.13325	0.00264937	0.18506	-5.40366	0.0107684	0.27259	-3.66852	0.0363222	0.372586	-2.68394	5.45601	14.2217	2.31699	1
cg25004507	0.0764696	1.56028	1.56028	0.0596353	0.618889	-1.6158	0.853729	1.04254	1.04254	0.0310738	1.77058	1.77058	3.95614	3.19282	0.717383	1
cg09111258	0.759117	1.05597	1.05597	0.173701	0.773908	-1.29214	0.000639843	2.52992	2.52992	0.0416872	1.51555	1.51555	5.79864	2.87973	0.441441	1
cg26848371	0.59202	0.906983	-1.10256	0.35616	1.18683	1.18683	0.149275	0.756478	-1.32192	0.00290399	0.477738	-2.0932	24.4594	12.6174	0.458534	1
cg11829390	0.00191359	0.404829	-2.47018	0.0547418	0.6387	-1.56568	0.925221	0.980868	-1.0195	0.0213031	0.565833	-1.76731	9.9457	6.66917	0.596052	1
cg10806510	0.0454933	0.377859	-2.64649	0.00102416	0.126773	-7.88814	0.624434	1.23289	1.23289	0.0571912	0.401343	-2.49163	7.15572	20.4035	2.53454	1
cg21147422	0.212341	0.606018	-1.65012	8.14E-05	0.0666011	-15.0148	0.429231	0.735153	-1.36026	0.0143009	0.316088	-3.16368	11.5477	26.5863	2.0465	1
cg06372929	0.110805	0.775974	-1.2887	0.00311575	0.554195	-1.80442	0.240061	0.835623	-1.19671	0.350262	0.869047	-1.15069	11.1089	3.74954	0.300023	1
cg17050045	0.211795	0.820926	-1.21814	0.00097021	0.45811	-2.18288	0.00040919	0.405411	-2.46663	0.278996	0.844924	-1.18354	11.3949	3.91266	0.267066	1
cg26804944	0.00290038	1.17974	1.17974	0.11093	0.932281	-1.07264	0.00526243	1.16018	1.16018	0.143928	1.06544	1.06544	7.74103	0.199863	0.0229499	1
cg16266536	0.000249118	0.409818	-2.44011	0.0247354	0.674016	-1.48364	0.779317	1.04232	1.04232	0.152171	0.797448	-1.254	6.65124	2.29358	0.306521	1
cg19842065	0.352458	1.16423	1.16423	0.494224	0.895548	-1.11663	0.807276	1.0396	1.0396	0.873759	0.975048	-1.02559	3.65741	1.46288	0.355534	1
cg00239654	0.903645	1.01915	1.01915	0.000105819	0.34219	-2.92235	0.487823	1.11675	1.11675	0.258924	0.831507	-1.20264	7.61044	2.95799	0.34549	1
cg21234853	0.767746	0.959242	-1.04249	0.0861511	1.30528	1.30528	0.00125391	0.515806	-1.93871	0.00433621	0.585279	-1.70859	22.9117	7.16398	0.277936	1
cg26108999	0.000252515	0.232176	-4.30708	0.7278	0.918907	-1.08825	0.905564	0.971684	-1.02914	0.00152293	0.331293	-3.01848	20.3473	18.8777	0.824686	1
cg04219725	0.675404	0.892373	-1.12061	0.795151	0.932066	-1.07289	0.810955	1.06694	1.06694	0.0402806	0.526958	-1.89768	7.62185	8.82539	1.02925	1
cg08357651	0.981138	0.996183	-1.00383	0.256164	0.825529	-1.21134	0.00802163	1.73239	1.73239	0.595361	1.09057	1.09057	6.05976	2.51121	0.368362	1
cg05059169	0.162468	0.41853	-2.38932	0.0134562	0.167428	-5.97273	0.323215	0.551027	-1.81479	0.0170863	0.183045	-5.46313	4.14236	22.3815	4.80273	1
cg26853401	0.00300343	0.56627	-1.76594	0.00427649	0.586178	-1.70597	0.934412	1.01157	1.01157	0.141701	0.801859	-1.2471	9.29136	2.87413	0.274963	1
cg19050973	?	?	?	0.063981	0.540238	-1.85104	0.310774	0.733312	-1.36368	0.140035	0.625257	-1.59934	7.72948	9.51904	1.23152	1
cg11971248	0.180024	0.675429	-1.48054	0.702141	0.899514	-1.11171	0.316696	1.33014	1.33014	0.127859	1.57411	1.57411	5.15269	6.19862	1.06932	1
cg11798066	0.0327495	0.191116	-5.23242	0.00886088	0.11004	-9.08764	0.220246	0.425777	-2.34865	0.0507505	0.228893	-4.36886	4.33021	30.0966	6.1781	1
cg24119471	0.000463031	0.320568	-3.11947	0.702775	0.935995	-1.06838	0.000316697	0.295266	-3.38677	0.294111	1.20915	1.20915	63.493	22.0967	0.298301	1
cg24831427	0.00150335	0.238528	-4.19238	0.000145994	0.128986	-7.75275	8.99E-05	0.111329	-8.98236	0.00187483	0.251134	-3.98194	15.2277	23.6784	1.38218	1
cg18751133	0.00101582	0.196688	-5.08419	0.000298286	0.140327	-7.1262	0.000586012	0.169865	-5.88703	0.00169637	0.224026	-4.46376	12.6937	22.3783	1.56706	1
cg03514381	0.000665913	0.0940551	-10.6321	0.000553902	0.0878463	-11.3835	0.000321328	0.071257	-14.0337	0.0122107	0.242462	-4.12435	11.9676	39.0297	2.89892	1
cg05237015	0.000721027	0.341505	-2.92821	0.00137138	0.379215	-2.63702	0.000188953	0.268556	-3.72362	0.0176225	0.547186	-1.82753	11.6565	8.05004	0.61387	1
cg05567646	0.00658775	0.250352	-3.99437	0.0500237	0.415944	-2.40417	0.00808962	0.26415	-3.78572	0.0847916	0.473225	-2.11316	5.17007	12.6161	2.16909	1
cg16665103	0.662038	1.09903	1.09903	0.047893	0.615326	-1.62515	0.126825	0.701492	-1.42553	0.272544	1.27787	1.27787	4.005	2.92383	0.648928	1
cg13501225	0.00421617	0.34207	-2.92338	0.0276766	0.482493	-2.07257	0.216742	1.43891	1.43891	0.493424	0.823065	-1.21497	6.80908	8.45244	1.10342	1
cg14193314	0.742665	0.949032	-1.0537	0.101568	1.32924	1.32924	0.631768	0.9262	-1.07968	0.246953	0.825125	-1.21194	5.86722	2.34263	0.35491	1
cg14458731	0.1128	0.387922	-2.57783	0.000824407	0.063042	-15.8624	0.111026	0.385786	-2.59211	0.0208651	0.217518	-4.59733	6.46403	30.8124	4.23711	1
cg27304573	0.0203506	0.53098	-1.88331	0.0261668	0.550327	-1.8171	0.153906	0.707816	-1.4128	0.136585	0.695548	-1.43772	12.1602	9.86948	0.721439	1
cg01762738	0.888198	0.977507	-1.02301	0.221123	0.812196	-1.23123	0.689947	1.067	1.067	0.0158655	0.620144	-1.61253	9.98619	4.13675	0.36822	1
cg19972591	0.737903	1.02531	1.02531	0.00387112	0.748606	-1.33582	0.0270185	1.21511	1.21511	0.00353527	1.34213	1.34213	7.77589	0.681964	0.0779577	1
cg07474051	0.54791	1.16629	1.16629	0.0114342	0.449026	-2.22704	0.628519	0.883968	-1.13126	0.0170232	0.479001	-2.08768	7.07559	7.17184	0.900981	1
cg21643265	0.0241072	1.30131	1.30131	0.00102849	1.61011	1.61011	0.900949	0.987882	-1.01227	0.673961	0.959413	-1.0423	6.71394	1.01951	0.134977	1
cg11075121	0.0484572	1.33788	1.33788	0.00153591	0.555156	-1.8013	0.212453	0.844038	-1.18478	0.358445	0.885216	-1.12967	5.40657	1.4274	0.234678	1
cg23830810	0.752936	1.17124	1.17124	0.0811935	0.379955	-2.63189	0.29962	0.583866	-1.71272	0.600635	0.767668	-1.30265	3.47161	13.7765	3.52741	1
cg19835839	0.0845313	1.12482	1.12482	0.00347065	0.78305	-1.27706	0.579082	1.03515	1.03515	0.098363	1.11823	1.11823	12.4548	0.749602	0.0534984	1
cg07033643	0.00932975	0.63885	-1.56531	0.891984	0.981707	-1.01863	0.0571826	1.33961	1.33961	4.77E-05	0.353155	-2.83162	23.6432	6.91413	0.259944	1
cg15492104	0.472662	1.05641	1.05641	0.0103509	0.784571	-1.27458	0.470569	1.05669	1.05669	0.0275896	1.21616	1.21616	6.54059	0.584576	0.079446	1
cg10784821	0.210782	0.81977	-1.21985	0.0590988	1.37879	1.37879	0.702141	0.943733	-1.05962	0.283739	0.845482	-1.18276	9.90003	3.56164	0.319787	1
cg16524108	6.51E-07	0.390514	-2.56072	1.08E-05	0.522191	-1.91501	3.77E-05	0.578237	-1.72939	8.46E-08	0.294516	-3.3954	147.507	11.1931	0.0674504	1
cg07807817	0.086458	0.656024	-1.52433	0.000184288	0.244993	-4.08175	0.248624	0.764573	-1.30792	0.879824	1.03425	1.03425	13.778	10.8116	0.697515	1
cg05050047	0.415601	0.89977	-1.1114	0.0330249	1.37221	1.37221	0.083037	0.783799	-1.27584	0.268998	0.864051	-1.15734	11.0745	2.82587	0.226817	1
cg03144643	0.000552431	0.483391	-2.06872	0.741246	0.95607	-1.04595	0.204739	1.19891	1.19891	0.782963	0.963257	-1.03814	7.20671	2.09782	0.258749	1
cg03325633	0.494065	1.17105	1.17105	0.000886486	0.322229	-3.10338	0.218772	1.34192	1.34192	0.50352	1.16691	1.16691	5.70977	4.67527	0.727839	1
cg16660394	0.00882977	0.44937	-2.22534	0.00402137	0.395637	-2.52757	0.958384	0.987557	-1.0126	0.0659388	0.609554	-1.64054	5.42343	4.94523	0.810514	1
cg26588778	0.0261896	0.464329	-2.15365	0.00620147	0.354188	-2.82336	0.009939	0.387893	-2.57803	0.118668	0.611015	-1.63662	4.95314	6.63569	1.19084	1
cg03772408	0.0260527	0.634488	-1.57607	0.236467	1.23823	1.23823	0.954714	1.00983	1.00983	0.459311	0.878282	-1.13859	4.55567	2.14094	0.417733	1
cg18305837	0.386518	1.08773	1.08773	0.00650793	1.39794	1.39794	0.240274	1.12353	1.12353	0.93509	0.992313	-1.00775	4.40318	0.625818	0.126337	1
cg05305993	0.045444	3.96074	3.96074	0.147287	0.393409	-2.54189	0.320129	1.85206	1.85206	0.611812	1.35937	1.35937	3.98679	22.7244	5.06661	1
cg08293930	0.0144941	0.217718	-4.59309	0.00300666	0.127564	-7.83922	0.306162	0.584943	-1.70957	0.0170222	0.229325	-4.36062	4.78578	19.4165	3.60634	1
cg06578063	0.0261841	0.271755	-3.67979	0.0158755	0.232472	-4.30159	0.279075	1.74338	1.74338	0.810139	0.887918	-1.12623	3.55442	13.7325	3.43422	1
cg01861389	0.0424675	0.721891	-1.38525	0.00230972	0.55222	-1.81087	0.0091536	1.58673	1.58673	0.495326	1.10139	1.10139	4.84056	1.49139	0.27387	1
cg13765646	0.0315298	0.810491	-1.23382	5.49E-05	1.86972	1.86972	0.733937	0.971974	-1.02883	0.0508957	0.830848	-1.20359	12.0294	1.32265	0.0977348	1
cg14026538	0.0799539	0.647054	-1.54546	0.124691	0.689048	-1.45128	0.0595672	0.620997	-1.61031	0.450423	0.84172	-1.18804	10.7329	8.53406	0.706783	1
cg24549609	0.00100395	0.140241	-7.1306	0.0233098	0.336042	-2.97581	0.282874	0.638344	-1.56655	0.0115391	0.2806	-3.56379	8.90001	22.8109	2.27824	1
cg07243941	0.0152371	0.377683	-2.64773	0.000865835	0.195267	-5.12119	0.0695452	0.515186	-1.94105	0.581732	0.833788	-1.19935	9.13686	12.0146	1.50282	1
cg12147198	0.252462	0.693196	-1.44259	0.0192264	0.41969	-2.38271	0.000845386	0.214743	-4.65673	0.771516	0.914608	-1.09336	4.78498	7.12151	1.32294	1
cg04050782	0.000624815	0.124736	-8.01694	0.0190438	0.3253	-3.07408	0.567174	0.795453	-1.25715	0.203113	0.587685	-1.70159	4.66089	11.5557	2.20382	1
cg08163798	0.0391977	0.162953	-6.13675	0.0166528	0.108306	-9.2331	0.147967	0.307255	-3.25462	0.0223004	0.124648	-8.02261	4.34161	39.7495	8.13821	1
cg02553486	0.136118	0.581658	-1.71922	0.00785252	0.316336	-3.1612	0.026837	0.412783	-2.42258	0.12426	0.570299	-1.75347	4.22707	7.62157	1.6027	1
cg00876141	0.639527	0.901855	-1.10883	0.210724	1.33482	1.33482	0.37446	0.819031	-1.22095	0.256756	0.77166	-1.29591	4.20968	3.19726	0.675113	1
cg12718528	0.183506	0.747239	-1.33826	0.00167769	0.395528	-2.52827	0.849289	1.04006	1.04006	0.693932	0.921582	-1.08509	4.11437	2.77811	0.600195	1
cg10391212	0.632124	1.1231	1.1231	0.00681976	0.430168	-2.32467	0.0329306	0.548585	-1.82287	0.0441246	0.573145	-1.74476	3.56749	3.27293	0.815496	1
cg03808462	0.103354	0.639098	-1.56471	0.409534	0.808997	-1.2361	0.975917	0.992443	-1.00761	0.898818	0.968537	-1.03249	3.41889	3.4196	0.889073	1
cg10423428	0.475104	1.1686	1.1686	2.10E-05	0.15882	-6.29644	0.184706	1.35227	1.35227	0.98268	0.995354	-1.00467	11.1335	8.11434	0.64784	1
cg07532839	0.00582866	0.427627	-2.33849	0.000172454	0.222862	-4.48709	0.458965	1.19413	1.19413	0.0887601	1.55539	1.55539	7.23903	6.34706	0.779363	1
cg01207490	0.942511	1.00958	1.00958	0.237281	0.849039	-1.1778	0.00563481	0.618629	-1.61648	0.153484	1.22386	1.22386	5.97366	1.65292	0.245956	1
cg07734253	0.885872	1.01697	1.01697	0.0059493	0.656102	-1.52415	0.110973	0.815895	-1.22565	0.942259	0.991548	-1.00852	4.32482	0.94044	0.193291	1
cg06038367	0.171801	0.625637	-1.59837	0.166724	0.621678	-1.60855	0.0864021	1.84178	1.84178	0.113398	0.57383	-1.74268	3.66802	6.03863	1.46337	1
cg05750788	0.151157	1.26865	1.26865	0.0132975	1.60723	1.60723	0.000220088	0.385811	-2.59194	0.000535858	0.434593	-2.301	12.241	4.63922	0.336881	1
cg15336893	0.00815935	1.75519	1.75519	0.000934609	2.27202	2.27202	0.132621	0.763664	-1.30948	0.451911	0.880433	-1.13581	9.41845	4.11827	0.388672	1
cg19544441	0.110177	0.529399	-1.88893	0.0299217	0.393311	-2.54252	0.00982869	0.303561	-3.29423	0.0141322	0.330782	-3.02314	5.44718	11.513	1.87873	1
cg09739036	0.512561	0.796325	-1.25577	0.000378981	0.142662	-7.00958	0.334633	0.710904	-1.40666	0.141035	0.581073	-1.72095	5.00076	9.31341	1.65547	1
cg20134541	0.484951	0.883044	-1.13245	0.932413	1.01498	1.01498	0.704577	0.935417	-1.06904	0.00183311	0.460328	-2.17237	4.46558	2.17259	0.432462	1
cg12835342	0.03411	1.29049	1.29049	0.527357	0.936087	-1.06828	0.619414	0.949671	-1.053	0.0145507	0.733153	-1.36397	4.35967	0.734436	0.149743	1
cg03766872	0.00180865	0.080684	-12.394	0.0481626	0.277656	-3.60157	0.22107	0.481964	-2.07485	0.0193655	0.200997	-4.97521	4.03288	20.5632	4.53235	1
cg18825927	0.648297	0.793375	-1.26044	0.758246	1.16836	1.16836	0.973047	1.01717	1.01717	0.405849	0.651411	-1.53513	3.98884	16.0481	3.57621	1
cg02220365	0.216559	0.534631	-1.87045	0.018556	0.252909	-3.95399	0.0659143	0.370241	-2.70094	0.0347505	0.305693	-3.27125	3.95335	14.5193	3.26459	1
cg04867406	0.176018	1.20395	1.20395	0.0053943	0.623393	-1.60412	0.21961	1.18121	1.18121	0.760233	0.961279	-1.04028	3.60635	0.950712	0.23433	1
cg23010585	0.24624	0.611993	-1.63401	0.183612	1.77051	1.77051	0.0941104	0.474581	-2.10712	0.0117565	0.279622	-3.57625	3.45507	8.97269	2.30841	1
cg25256924	0.0128205	0.517555	-1.93216	?	?	?	0.5175	1.15007	1.15007	0.822151	1.04914	1.04914	5.27943	3.37463	0.639203	1
cg13204290	0.00856335	0.413612	-2.41772	0.0390816	0.533338	-1.87498	0.176481	1.45971	1.45971	7.90E-05	0.15287	-6.54152	35.9763	35.092	0.97542	1
cg21011570	0.42187	0.794164	-1.25919	0.843609	0.946189	-1.05687	0.0141634	0.416198	-2.40271	0.483571	0.818866	-1.2212	35.748	43.4488	0.945326	1
cg19508191	0.203763	0.675023	-1.48143	0.010855	0.381291	-2.62267	0.882553	0.957951	-1.0439	0.512549	1.21337	1.21337	22.5516	26.2409	1.01815	1
cg09679862	0.980513	0.996807	-1.0032	0.0476428	1.3453	1.3453	0.87538	0.979657	-1.02077	0.0564658	0.75367	-1.32684	10.0502	2.72965	0.241424	1
cg01273150	0.0225603	1.42152	1.42152	0.873585	0.979705	-1.02072	0.142001	0.81604	-1.22543	0.228063	0.849659	-1.17694	7.36757	1.93489	0.233442	1
cg23448432	0.202496	1.34374	1.34374	0.00213397	2.57922	2.57922	0.0884955	1.51082	1.51082	0.517845	1.15484	1.15484	7.35223	5.61452	0.678799	1
cg03016991	0.225461	1.72445	1.72445	0.721513	0.857957	-1.16556	0.199703	1.78593	1.78593	0.035791	2.8452	2.8452	5.63267	16.3455	2.57947	1
cg26544458	0.274658	1.33358	1.33358	0.00620565	2.46878	2.46878	0.273921	1.33421	1.33421	0.308613	1.30589	1.30589	5.08826	5.16919	0.903027	1
cg04584872	0.452418	0.792294	-1.26216	0.0108987	0.378297	-2.64342	0.339683	1.34891	1.34891	0.322822	0.733004	-1.36425	3.82104	5.59803	1.30227	1
cg21618439	0.041507	0.709131	-1.41018	0.00693415	0.599971	-1.66675	0.0465744	0.716588	-1.3955	0.0245276	1.4795	1.4795	7.68572	2.60251	0.300992	1
cg13675814	0.00515051	0.369344	-2.7075	0.00123503	0.279876	-3.57301	0.053837	0.554213	-1.80436	0.00349489	0.343606	-2.91031	10.276	11.8297	1.02329	1
cg10391950	0.728975	0.969229	-1.03175	1.22E-05	0.436338	-2.2918	0.416296	0.928068	-1.07751	0.0960573	1.17848	1.17848	13.392	1.71248	0.113665	1
cg03180768	0.35478	1.10629	1.10629	0.644563	1.05053	1.05053	0.00110084	1.66621	1.66621	0.0862076	0.817793	-1.2228	12.2092	2.17704	0.1585	1
cg12043722	0.999807	1.00002	1.00002	3.63E-05	0.599712	-1.66747	0.590954	0.965729	-1.03549	0.0106559	1.2292	1.2292	10.0382	0.656774	0.058158	1
cg21767554	0.221966	1.33187	1.33187	0.0460055	0.60017	-1.66619	0.297614	0.785789	-1.27261	0.75446	1.07256	1.07256	9.62362	7.59722	0.70172	1
cg17388678	0.777496	1.03443	1.03443	0.283129	0.875234	-1.14255	0.424443	0.907122	-1.10239	0.00974277	0.676608	-1.47796	7.8644	1.77862	0.201032	1
cg08703718	0.00223228	1.91706	1.91706	0.0129319	0.625679	-1.59826	0.0301847	0.678829	-1.47313	0.92035	0.984914	-1.01532	7.39953	2.70683	0.325166	1
cg08154627	0.670475	1.12176	1.12176	0.000421286	4.48287	4.48287	0.0411825	1.88205	1.88205	0.0179175	2.16484	2.16484	5.83112	6.65574	1.01459	1
cg18765659	0.0224458	1.49301	1.49301	0.109495	1.29143	1.29143	0.000731361	2.12211	2.12211	0.709248	1.05643	1.05643	5.61917	1.91168	0.302406	1
cg03759236	0.0319019	0.441639	-2.26429	0.0552214	0.493413	-2.0267	0.1096	0.567246	-1.7629	0.56252	1.20962	1.20962	4.18505	7.0022	1.48724	1
cg19292827	0.441708	0.843681	-1.18528	0.243775	1.30246	1.30246	0.857826	0.96189	-1.03962	0.401911	0.830365	-1.20429	3.896	2.89707	0.660979	1
cg06741043	0.188161	1.18913	1.18913	0.40943	1.11048	1.11048	0.0929656	1.25809	1.25809	0.0133942	1.46295	1.46295	3.76905	0.921068	0.217224	1
cg11404795	0.314706	0.935546	-1.06889	0.000506876	1.41648	1.41648	0.00637453	0.796516	-1.25547	0.00222963	0.759977	-1.31583	18.1914	1.18316	0.0578129	1
cg00516222	0.0180727	1.25942	1.25942	0.000905517	0.661442	-1.51185	0.0114133	0.774446	-1.29124	0.0215505	1.2477	1.2477	11.3954	1.07121	0.0731142	1
cg23179181	0.0779328	2.89102	2.89102	0.000568774	18.0458	18.0458	0.00558928	7.18564	7.18564	0.0881525	2.77261	2.77261	6.28415	29.2321	4.13487	1
cg20985587	0.102286	1.65585	1.65585	0.000335949	5.10837	5.10837	0.0264641	2.10038	2.10038	0.365213	1.30006	1.30006	5.63456	7.09885	1.11989	1
cg27413732	0.0335307	8.9321	8.9321	0.00148135	56.9921	56.9921	0.012225	15.6809	15.6809	0.0163098	13.3217	13.3217	4.69645	57.8254	10.9445	1
cg07324087	0.047383	1.30497	1.30497	0.685671	0.953377	-1.0489	0.222124	0.860223	-1.16249	0.347505	1.1202	1.1202	4.39273	0.957902	0.193836	1
cg13757826	0.0455439	35.222	35.222	0.00646038	244.808	244.808	0.0201632	77.6793	77.6793	0.0515384	31.2625	31.2625	4.1182	157.359	33.965	1
cg26623837	0.0691203	3.55502	3.55502	0.00374905	11.479	11.479	0.0170279	6.13759	6.13759	0.0534261	3.92846	3.92846	3.63592	22.3976	5.47562	1
cg00658411	0.126043	0.664783	-1.50425	0.00446546	0.39245	-2.5481	0.324804	0.77818	-1.28505	0.287531	0.761568	-1.31308	6.01555	5.79631	0.856492	1
cg04395006	0.0547845	1.34679	1.34679	0.000485697	2.11164	2.11164	0.557338	1.08449	1.08449	0.629886	0.93579	-1.06862	5.44433	1.61077	0.262989	1
cg02351655	0.162517	0.602475	-1.65982	0.00194947	0.225632	-4.432	0.0778518	1.94626	1.94626	0.568677	0.822194	-1.21626	4.47735	8.18934	1.62583	1
cg00055052	0.0139309	0.551476	-1.81332	0.0395505	1.59432	1.59432	0.0358433	1.61355	1.61355	0.711921	1.07538	1.07538	4.15154	2.52411	0.54044	1
cg00585033	0.939074	0.987712	-1.01244	0.0134663	1.64023	1.64023	0.881999	0.976262	-1.02432	0.150408	0.779326	-1.28316	4.10815	1.70216	0.3683	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04256470	CORT;APITD1	6.31E-05	0.0295946	0.693173	-1.44264	0.000120671	2.61492	2.61492	0.0332385	1.42777	1.42777	5.38E-05	2.93789	2.93789	0.000200968	0.409527	-2.44184
cg20163085	CORT;APITD1	0.00654283	0.129665	0.422237	-2.36834	0.0263909	4.00117	4.00117	0.87945	1.08321	1.08321	0.0848169	2.72836	2.72836	0.00587096	0.149745	-6.67804
cg25407372	CORT;APITD1	0.0338376	0.261837	0.712168	-1.40416	0.0551718	1.87888	1.87888	0.433909	1.26067	1.26067	0.00556586	2.87625	2.87625	0.0839881	0.574245	-1.74142
cg07964754	COTL1	0.0022675	0.00240384	0.360409	-2.77462	0.112093	0.658665	-1.51822	0.0316734	0.544483	-1.83661	0.0130377	0.475506	-2.10302	0.0147596	0.484733	-2.06299
cg04294658	COTL1	0.00253475	0.00138489	0.654396	-1.52813	0.139891	1.15636	1.15636	0.30274	0.906972	-1.10257	0.0120917	1.33132	1.33132	0.0489608	0.81414	-1.22829
cg03738384	COTL1	0.00328201	0.00451442	0.473343	-2.11263	0.00488157	0.478385	-2.09037	0.00509425	0.481146	-2.07837	0.00759028	0.507336	-1.97108	0.00123413	0.393159	-2.5435
cg03892543	COTL1	0.0107933	0.112087	0.7216	-1.38581	0.00337874	0.47155	-2.12067	0.7976	0.952689	-1.04966	0.340146	1.2037	1.2037	0.1314	0.735541	-1.35954
cg00197006	COTL1	0.0114386	0.428552	1.21161	1.21161	0.000729982	0.295348	-3.38584	0.00543068	0.41943	-2.38419	0.271831	0.762109	-1.31215	0.0483732	0.585259	-1.70865
cg05344293	COTL1	0.0193538	0.0585238	0.627674	-1.59318	0.121859	0.693912	-1.44111	0.00702843	0.467956	-2.13695	0.0568843	0.625263	-1.59933	0.335177	0.805276	-1.24181
cg02851237	COTL1	0.0200921	0.573591	0.911253	-1.09739	0.065791	0.713619	-1.40131	0.0735455	1.38549	1.38549	0.0912976	0.73791	-1.35518	0.746715	1.05439	1.05439
cg09197397	COTL1	0.0445472	0.271124	1.45919	1.45919	0.24032	1.50002	1.50002	0.91697	1.03499	1.03499	0.434689	0.768822	-1.30069	0.0119567	0.355458	-2.81327
cg03100906	COTL1	0.0480804	0.560959	0.827811	-1.208	0.652166	1.15702	1.15702	0.0130584	0.371671	-2.69055	0.959982	1.01626	1.01626	0.0459871	2.08574	2.08574
cg03024660	COTL1	0.0483457	0.0187707	0.368774	-2.71169	0.875724	0.946647	-1.05636	0.259804	1.50955	1.50955	0.150049	0.582413	-1.71699	0.0147939	0.349702	-2.85958
cg07926482	COTL1;COTL1	0.0188473	0.437552	0.907543	-1.10188	0.420571	0.904109	-1.10606	0.887147	1.01755	1.01755	0.0436265	1.32867	1.32867	0.633056	0.942778	-1.0607
cg16007508	COX10	6.19E-05	0.00019071	0.417719	-2.39395	5.64E-06	0.241413	-4.14228	8.07E-06	0.258006	-3.87588	0.940508	0.989691	-1.01042	0.022023	0.682949	-1.46424
cg13706352	COX10	0.00037113	0.170685	1.11594	1.11594	0.00201404	1.38766	1.38766	0.000130158	1.64818	1.64818	0.99157	1.00079	1.00079	0.421261	1.06372	1.06372
cg26180732	COX10	0.000405582	0.22143	1.07396	1.07396	0.0259307	0.863483	-1.1581	0.000867182	1.31979	1.31979	0.0427248	0.878533	-1.13826	0.365083	1.05302	1.05302
cg22956598	COX10	0.00152847	0.231981	0.894696	-1.1177	0.126501	1.15804	1.15804	0.735773	0.970383	-1.03052	0.638233	0.958835	-1.04293	0.759899	1.02758	1.02758
cg15611993	COX10	0.00157401	0.743294	0.96567	-1.03555	1.83E-05	2.5312	2.5312	0.417944	1.09197	1.09197	0.0626336	1.24946	1.24946	0.64356	0.951674	-1.05078
cg24755537	COX10	0.00305626	0.00390179	0.288243	-3.4693	?	?	?	0.0639408	1.94769	1.94769	0.907962	1.03772	1.03772	0.000485159	0.17357	-5.76137
cg20170777	COX10	0.00773636	0.0090849	0.123328	-8.10849	0.00369431	0.0839884	-11.9064	0.0749159	0.28585	-3.49834	0.151722	0.379221	-2.63699	0.00659954	0.107882	-9.26939
cg08036492	COX10	0.00991402	0.216048	0.579253	-1.72636	0.0245416	0.325194	-3.07508	0.391779	0.692135	-1.4448	0.00425185	0.20098	-4.97561	0.000927727	0.125702	-7.95534
cg27005118	COX10	0.016139	0.0144251	0.172304	-5.80368	0.0550365	0.281186	-3.55636	0.110193	0.362288	-2.76024	0.043472	0.258164	-3.87351	0.00202949	0.0790343	-12.6527
cg08823020	COX10	0.0485147	0.472227	1.12369	1.12369	0.0673491	0.721129	-1.38671	0.00172746	0.490182	-2.04006	0.906989	0.981532	-1.01882	0.334323	0.853162	-1.17211
cg17789012	COX10;COX10	0.0106043	0.379114	0.860281	-1.16241	0.370233	1.16587	1.16587	0.00108444	2.2355	2.2355	0.117973	0.753418	-1.32728	0.0518947	0.691473	-1.44619
cg07707039	COX11;COX11;COX11;COX11;COX11	0.0102188	0.627178	0.9023	-1.10828	0.000314679	0.29332	-3.40925	0.0524468	0.629247	-1.5892	0.463327	1.16976	1.16976	0.0226704	0.563792	-1.7737
cg18051889	COX11;COX11;COX11;COX11;COX11;STXBP4	0.0121314	0.0292725	1.52983	1.52983	0.109509	1.33492	1.33492	0.0625287	1.41485	1.41485	0.133082	1.30771	1.30771	0.788347	1.04555	1.04555
cg16950616	COX11;COX11;COX11;COX11;STXBP4;COX11	0.00766859	0.452412	0.956831	-1.04512	0.000438472	1.3774	1.3774	0.107399	1.1066	1.1066	0.659592	0.974771	-1.02588	0.841041	0.988491	-1.01164
cg15819780	COX11;COX11;COX11;COX11;TOM1L1;COX11	0.0458463	0.644233	0.857903	-1.16563	0.00404394	0.280151	-3.5695	0.0504121	0.479514	-2.08544	0.405543	1.32376	1.32376	0.228119	0.659059	-1.51732
cg04387010	COX11;COX11;TOM1L1	0.039643	0.0120463	0.497934	-2.0083	0.0570984	0.619177	-1.61505	0.39882	0.82501	-1.21211	0.832003	0.953795	-1.04844	0.0541057	1.62712	1.62712
cg11217004	COX15;COX15;CUTC	0.0116252	0.201867	0.648377	-1.54231	0.335078	1.37659	1.37659	0.392449	1.32536	1.32536	0.308869	0.71276	-1.403	0.0815259	0.537544	-1.86031
cg19401408	COX15;COX15;CUTC	0.0195832	0.000518546	0.196821	-5.08076	0.855752	1.05615	1.05615	0.889168	0.959003	-1.04275	0.102136	0.584451	-1.71101	0.254464	1.42936	1.42936
cg20566587	COX15;COX15;CUTC;CUTC;COX15;COX15	0.00986944	0.1792	1.12425	1.12425	0.650755	1.03812	1.03812	0.068715	1.18203	1.18203	0.000583205	1.5472	1.5472	0.0218135	1.25349	1.25349
cg03618257	COX15;COX15;CUTC;CUTC;COX15;COX15	0.0364748	0.154598	0.327285	-3.05544	0.588838	0.670289	-1.49189	0.352896	0.496214	-2.01526	0.997031	0.997276	-1.00273	?	?	?
cg14754439	COX15;CUTC;COX15	0.0152226	0.123012	1.17638	1.17638	0.12345	0.850252	-1.17612	0.409979	0.921348	-1.08537	0.0658151	1.22224	1.22224	0.509247	1.06726	1.06726
cg12327691	COX15;CUTC;COX15	0.0254517	0.0154676	0.18436	-5.42417	0.00688787	0.136523	-7.32475	0.0742362	0.322303	-3.10267	0.303751	0.54537	-1.83362	0.0609802	0.300592	-3.32676
cg13099429	COX16	0.000132798	0.024954	2.006	2.006	0.0112991	0.437005	-2.2883	0.0238417	2.02103	2.02103	0.000176216	5.25678	5.25678	0.00308311	0.347538	-2.87738
cg13630250	COX16	0.00050112	0.289754	1.446	1.446	0.000444062	0.155555	-6.42858	0.0540933	0.480098	-2.08291	0.220748	1.54046	1.54046	0.000144034	0.111016	-9.0077
cg20262330	COX16	0.001551	0.0389619	1.70072	1.70072	0.486494	1.17013	1.17013	0.0187098	0.530907	-1.88357	0.401889	1.21001	1.21001	0.000718656	0.318596	-3.13877
cg22899163	COX16	0.00840767	0.103222	1.14047	1.14047	0.0227109	1.22278	1.22278	0.651101	1.03414	1.03414	0.870039	0.987997	-1.01215	0.326178	1.07762	1.07762
cg23562388	COX16	0.0105922	0.421205	2.23331	2.23331	0.00628044	32.5026	32.5026	0.00279493	56.2071	56.2071	?	?	?	?	?	?
cg23539464	COX16	0.0388686	0.304799	0.690616	-1.44798	0.0158753	0.357373	-2.79819	0.257951	0.662858	-1.50862	0.482492	0.779862	-1.28228	0.00393471	0.258878	-3.86282
cg05917416	COX16;COX16	0.00412279	0.564088	0.955665	-1.04639	0.0115509	0.782215	-1.27842	0.000515471	1.52417	1.52417	0.645049	0.96457	-1.03673	0.109974	0.873289	-1.1451
cg23666291	COX17	1.62E-05	1.76E-07	0.0548964	-18.2161	0.186772	1.28741	1.28741	0.0745811	1.4313	1.4313	0.674267	1.0793	1.0793	0.380435	1.17635	1.17635
cg03743984	COX17	3.58E-05	4.01E-05	3.84725	3.84725	0.515587	1.11984	1.11984	0.00933472	0.567732	-1.76139	0.00300857	2.0106	2.0106	0.415083	0.86673	-1.15376
cg18027227	COX17	0.000514264	0.175352	0.849603	-1.17702	0.127354	1.20497	1.20497	0.000140344	0.47548	-2.10314	0.00048306	1.85707	1.85707	0.00440686	0.650579	-1.53709
cg01322951	COX17	0.00236979	0.0362702	0.721441	-1.38612	0.368407	0.883465	-1.13191	0.00168872	0.547818	-1.82542	0.015312	0.67081	-1.49073	0.00549067	0.612844	-1.63174
cg26166688	COX17	0.00679604	0.311978	0.714285	-1.4	0.00470629	0.298711	-3.34772	0.00298044	0.269614	-3.709	0.0181193	0.397241	-2.51737	0.00692355	0.324889	-3.07798
cg11951446	COX17	0.040442	0.0063503	0.498182	-2.0073	0.777981	1.057	1.057	0.0412451	1.58692	1.58692	0.0502423	0.645478	-1.54924	0.264908	1.25594	1.25594
cg02714677	COX18	0.0209057	0.106059	0.814627	-1.22756	0.0140871	0.703289	-1.42189	0.00311342	0.625204	-1.59948	0.0819852	1.25087	1.25087	0.440203	1.09574	1.09574
cg08572214	COX18	0.0238135	0.059938	0.283997	-3.52116	0.0130846	0.161148	-6.20549	0.944105	0.959267	-1.04246	0.312921	1.85716	1.85716	0.0197004	0.188124	-5.31564
cg06769423	COX18	0.0459011	0.108909	0.706875	-1.41468	0.0483322	1.56463	1.56463	0.304085	1.23514	1.23514	0.105318	0.703903	-1.42065	0.143301	0.731929	-1.36625
cg02333960	COX19	1.23E-05	0.181425	0.855336	-1.16913	5.71E-05	0.439204	-2.27684	0.0125054	0.710188	-1.40808	0.00958443	0.696794	-1.43514	1.04E-05	0.353624	-2.82786
cg02028351	COX19	0.000288582	0.00245216	1.58737	1.58737	0.00842339	1.4462	1.4462	0.23753	0.873124	-1.14531	0.000348365	0.53228	-1.87871	0.00779646	1.45434	1.45434
cg22126965	COX19	0.00158086	0.028008	0.360624	-2.77297	0.427989	1.37433	1.37433	0.595018	0.809928	-1.23468	0.00932953	3.65353	3.65353	0.00224723	0.186253	-5.36903
cg24206161	COX19	0.00303044	0.524314	1.05082	1.05082	0.00498731	0.75165	-1.33041	0.763965	1.0234	1.0234	0.0103594	1.28153	1.28153	0.364713	0.930951	-1.07417
cg02039839	COX19	0.0050757	0.546683	1.18941	1.18941	0.459464	0.807197	-1.23885	0.215378	1.44894	1.44894	0.554811	0.843771	-1.18516	0.00156102	0.274512	-3.64282
cg10374962	COX19	0.0109344	0.021901	2.48548	2.48548	0.00655473	3.21934	3.21934	0.0164973	2.63759	2.63759	0.597265	1.19306	1.19306	0.0106532	0.345405	-2.89515
cg11375306	COX19	0.0197042	0.915038	0.984391	-1.01586	0.840234	1.0302	1.0302	0.0268572	1.47184	1.47184	0.0297003	0.685752	-1.45825	0.372404	1.14453	1.14453
cg09125316	COX19	0.0309912	0.0222956	7.88803	7.88803	0.395654	0.518928	-1.92705	0.721768	1.30949	1.30949	0.397011	1.92325	1.92325	0.048773	0.183215	-5.45808
cg06515404	COX19	0.0328079	0.58644	1.17793	1.17793	0.38301	1.30564	1.30564	0.371706	1.31446	1.31446	0.102038	0.586541	-1.70491	0.562345	1.1908	1.1908
cg25337795	COX19;COX19	0.00301384	?	?	?	0.703718	1.12742	1.12742	0.813023	1.07721	1.07721	0.0033684	0.285979	-3.49676	0.00200008	0.254293	-3.93247
cg27288091	COX4I1	0.000232866	0.753215	0.953753	-1.04849	0.477899	0.897338	-1.11441	0.00832419	0.602716	-1.65916	0.010933	1.61528	1.61528	0.774219	0.95774	-1.04412
cg21963318	COX4I1;COX4NB;COX4NB;COX4NB;COX4NB	0.0165823	0.0838035	0.795524	-1.25703	0.000927221	0.553648	-1.8062	0.0257425	0.728594	-1.37251	0.0393355	0.751999	-1.32979	0.170397	0.839835	-1.19071
cg06538141	COX4I2	0.000318704	0.0378454	0.767589	-1.30278	0.12534	0.833423	-1.19987	3.85E-06	0.30643	-3.26338	0.00816275	0.689448	-1.45044	0.00729507	0.683827	-1.46236
cg27413508	COX4I2	0.000674096	0.000306974	3.42176	3.42176	0.000793206	2.89766	2.89766	0.868542	0.965829	-1.03538	0.574196	1.12655	1.12655	0.026601	1.73602	1.73602
cg17116120	COX4I2	0.00614904	0.00556357	4.70165	4.70165	0.0113857	3.84335	3.84335	0.121813	2.03973	2.03973	0.34156	1.51668	1.51668	0.0095923	4.03013	4.03013
cg15625791	COX4I2	0.00868538	0.423749	0.884839	-1.13015	0.00124019	0.493196	-2.02759	0.526345	0.908334	-1.10092	0.391825	1.1404	1.1404	0.0101083	0.615098	-1.62576
cg21543589	COX4I2	0.0177221	0.0021264	5.92525	5.92525	0.00924248	3.90183	3.90183	0.163766	1.84483	1.84483	0.339768	1.49998	1.49998	0.00456161	4.74301	4.74301
cg09027725	COX4I2	0.0182306	0.00900454	0.496416	-2.01444	0.289804	1.26075	1.26075	0.0211168	0.557209	-1.79466	0.379684	1.20931	1.20931	0.0144143	0.529411	-1.88889
cg21497164	COX4I2	0.0183846	0.170784	0.743793	-1.34446	0.801007	0.950039	-1.05259	0.0158559	0.549012	-1.82146	0.900667	0.974977	-1.02567	0.0025424	0.427443	-2.33949
cg12033622	COX4I2	0.0303979	0.00479237	6.22722	6.22722	0.659329	1.24202	1.24202	0.661818	1.2399	1.2399	0.919743	1.05047	1.05047	0.161027	2.07796	2.07796
cg26070540	COX4I2	0.0326305	0.00956884	5.04103	5.04103	0.167491	2.06555	2.06555	0.749381	1.17119	1.17119	0.0551571	2.9209	2.9209	0.0187593	4.07178	4.07178
cg24193797	COX4I2	0.0427429	0.26254	0.900574	-1.1104	0.0350663	0.802417	-1.24624	0.18591	0.881853	-1.13398	0.838108	0.981827	-1.01851	0.0678812	0.832495	-1.20121
cg08918020	COX4I2;COX4I2	0.00570408	0.00276969	3.14152	3.14152	0.0125852	2.36483	2.36483	0.390349	1.27653	1.27653	0.239862	1.40688	1.40688	0.00312791	3.06712	3.06712
cg04399085	COX4NB;COX4I1;COX4NB	0.000883966	0.000562716	0.179234	-5.57929	0.0061662	0.317073	-3.15385	0.335664	0.726732	-1.37602	0.000431413	0.166909	-5.9913	0.00469923	0.298809	-3.34661
cg15819333	COX4NB;COX4I1;COX4NB	0.00317707	0.00348763	0.18285	-5.46895	0.00773758	0.230756	-4.33359	0.158579	0.524133	-1.90791	0.0135362	0.269823	-3.70613	0.0126606	0.26489	-3.77515
cg08058434	COX4NB;COX4I1;COX4NB	0.0231873	0.648903	0.873635	-1.14464	0.951772	0.982332	-1.01799	?	?	?	0.00592526	0.346173	-2.88873	0.221878	0.684964	-1.45993
cg03563694	COX4NB;COX4I1;COX4NB	0.0298751	0.036458	0.64919	-1.54038	0.0554986	0.680011	-1.47056	0.111841	1.36027	1.36027	0.00540863	0.52175	-1.91663	0.258099	0.810835	-1.2333
cg10181820	COX4NB;COX4NB	0.0113875	0.0921716	0.646922	-1.54578	0.133948	0.684027	-1.46193	0.359662	0.801494	-1.24767	0.00431093	0.407927	-2.45142	0.000423233	0.269253	-3.71398
cg04551053	COX4NB;COX4NB	0.0162283	0.828954	1.03644	1.03644	0.00947841	1.72248	1.72248	0.0250212	0.643351	-1.55436	0.971046	1.00602	1.00602	0.0272106	0.648969	-1.54091
cg08030134	COX4NB;COX4NB	0.0412444	0.825744	1.07239	1.07239	0.0882986	1.81497	1.81497	0.0674674	1.91434	1.91434	0.216914	1.50951	1.50951	0.288331	0.70513	-1.41818
cg06574679	COX4NB;COX4NB	0.0449406	0.957894	0.978485	-1.02199	0.755664	0.879336	-1.13722	0.456109	0.731484	-1.36708	0.120057	2.00312	2.00312	0.00302783	0.187514	-5.33293
cg09831311	COX4NB;COX4NB;COX4I1	0.0129215	0.013135	0.630975	-1.58485	0.0940889	1.31735	1.31735	0.15502	1.25592	1.25592	0.834982	0.969249	-1.03173	0.159851	0.798614	-1.25217
cg02308245	COX4NB;COX4NB;COX4I1;COX4NB;COX4NB	0.00791111	0.0647629	1.30883	1.30883	0.0370037	1.36924	1.36924	0.514376	1.08958	1.08958	0.825683	1.02903	1.02903	0.0875879	0.782964	-1.2772
cg11263507	COX5A	0.000169049	2.04E-05	0.024606	-40.6405	0.65916	1.2105	1.2105	0.543782	1.30273	1.30273	0.000402676	0.0887731	-11.2647	0.220171	0.574177	-1.74162
cg27140083	COX5A	0.000744532	0.000983152	2.16167	2.16167	0.0274248	1.50754	1.50754	0.116468	1.30784	1.30784	0.042702	0.692755	-1.44351	0.390329	1.14854	1.14854
cg00023695	COX5A	0.00313674	0.153665	1.46952	1.46952	0.626399	1.13159	1.13159	0.465424	0.829278	-1.20587	0.0378087	1.83487	1.83487	0.504771	0.843194	-1.18597
cg17397401	COX5A	0.0136044	0.0033318	0.486587	-2.05513	0.234273	0.7987	-1.25204	0.133667	1.33859	1.33859	0.00845953	0.545495	-1.8332	0.0276296	0.625335	-1.59914
cg25250073	COX5A	0.0187465	0.233074	0.805243	-1.24186	0.919319	1.01771	1.01771	0.769998	1.0521	1.0521	0.0373941	0.658057	-1.51963	?	?	?
cg12478809	COX5A	0.0291779	0.0139867	0.493746	-2.02533	0.0268997	1.83943	1.83943	0.964213	0.989621	-1.01049	0.248276	0.755292	-1.32399	0.00414161	0.409073	-2.44455
cg18817426	COX5A;COX5A	0.0158529	0.0103886	4.96104	4.96104	0.557012	1.34281	1.34281	0.125172	2.2789	2.2789	0.163091	2.09347	2.09347	0.0840265	0.387225	-2.58248
cg24441121	COX5B	0.000305496	0.00244406	2.11249	2.11249	0.176181	1.29054	1.29054	0.0061239	0.530218	-1.88602	0.281615	1.21953	1.21953	0.000690162	0.398992	-2.50632
cg21242684	COX5B	0.00625037	0.0663561	0.640265	-1.56185	0.0108636	1.99872	1.99872	0.000797485	2.99402	2.99402	0.977475	1.00613	1.00613	0.143459	0.711479	-1.40552
cg02833110	COX5B	0.00716002	0.103138	0.756322	-1.32219	0.11566	1.30722	1.30722	0.0655029	1.38243	1.38243	0.000365417	2.44603	2.44603	0.323697	1.17313	1.17313
cg15827486	COX5B	0.0487809	0.23933	0.764494	-1.30805	0.685172	1.09289	1.09289	0.147388	1.40327	1.40327	0.106264	0.680843	-1.46877	0.191332	0.739713	-1.35188
cg16022344	COX5B;COX5B	0.00744975	0.0142518	0.584369	-1.71125	0.258897	1.23285	1.23285	0.00990751	1.78431	1.78431	0.0421037	0.65957	-1.51614	0.381422	0.852537	-1.17297
cg20049294	COX6A1	0.00105634	0.763896	1.0279	1.0279	0.445687	1.0736	1.0736	0.00192321	1.49353	1.49353	0.89557	1.01207	1.01207	0.96221	1.00434	1.00434
cg18567941	COX6A1	0.0199562	0.00119209	0.245052	-4.08077	0.051311	0.518451	-1.92882	0.103582	0.590383	-1.69381	0.325584	0.740452	-1.35053	0.0198727	0.435056	-2.29856
cg24110063	COX6A2	0.00672804	0.0646783	0.512109	-1.95271	0.00558988	0.309282	-3.23329	0.897675	1.04237	1.04237	0.00920371	2.90471	2.90471	0.0126178	0.367822	-2.7187
cg06507634	COX6A2	0.0164164	0.0860273	0.322962	-3.09634	0.00837084	0.13437	-7.44213	0.0332181	0.226941	-4.40644	0.0380845	4.18862	4.18862	0.0227664	0.197122	-5.07299
cg09117448	COX6A2	0.0326895	0.931139	1.06993	1.06993	0.171844	0.320588	-3.11926	0.533674	0.610766	-1.63729	0.00392517	20.8158	20.8158	0.386122	0.499125	-2.00351
cg00278329	COX6A2	0.0387153	0.0697267	0.384504	-2.60075	0.0599954	0.367921	-2.71797	0.114593	0.445452	-2.24491	0.445837	0.693361	-1.44225	0.012215	0.229629	-4.35485
cg00444059	COX6A2;COX6A2	0.00212112	0.0263288	0.497454	-2.01024	0.00890885	0.413933	-2.41585	0.881537	1.04032	1.04032	0.00274245	2.99122	2.99122	0.00142422	0.294291	-3.398
cg19058414	COX6B1	6.03E-05	2.99E-05	0.319428	-3.1306	0.0841447	0.765759	-1.30589	0.125847	0.793474	-1.26028	0.00014049	0.399324	-2.50423	2.83E-06	0.208833	-4.78852
cg25475056	COX6B1	6.66E-05	0.000734971	0.420571	-2.37772	0.217806	0.803401	-1.24471	0.231112	1.23627	1.23627	0.00812255	1.77214	1.77214	0.837303	1.03533	1.03533
cg26933691	COX6B1	0.00208485	0.435623	1.07318	1.07318	0.0202828	0.77999	-1.28207	0.0422531	1.23088	1.23088	0.450961	0.934078	-1.07057	0.478472	0.938024	-1.06607
cg12680071	COX6B1	0.0112458	0.0389766	0.791782	-1.26297	0.0698441	0.820325	-1.21903	0.322686	0.905018	-1.10495	0.544034	1.06183	1.06183	0.0999827	1.19255	1.19255
cg22772355	COX6B2	1.41E-05	0.0016815	1.90579	1.90579	2.48E-07	0.109702	-9.11558	0.87216	1.0234	1.0234	0.779527	0.960498	-1.04113	0.0236326	0.678362	-1.47414
cg26562532	COX6B2	1.58E-05	1.94E-05	0.114063	-8.7671	1.29E-05	0.100773	-9.92327	0.00116678	0.303137	-3.29884	0.0179602	0.486755	-2.05442	4.98E-06	0.0738612	-13.5389
cg06600153	COX6B2	9.43E-05	0.0741404	1.40613	1.40613	1.78E-06	7.70138	7.70138	0.706681	0.937301	-1.06689	0.0314564	0.649102	-1.54059	0.415265	0.867081	-1.15329
cg17874421	COX6B2	0.000132045	8.06E-05	0.0536648	-18.6342	0.000170953	0.0723764	-13.8167	0.00175739	0.16005	-6.24806	0.193589	0.568118	-1.7602	5.94E-05	0.0472055	-21.184
cg02844589	COX6B2	0.00115458	0.318093	0.678378	-1.4741	0.00016713	0.0897967	-11.1363	0.00133242	0.173016	-5.77983	0.0896557	0.4948	-2.02102	0.000120577	0.0799362	-12.51
cg21310689	COX6B2	0.00335978	0.358907	1.58984	1.58984	0.0714358	0.366998	-2.72481	0.235084	1.84676	1.84676	0.000134031	0.0285738	-34.9971	0.315222	1.66666	1.66666
cg14015300	COX6B2	0.00409351	0.0108494	0.474256	-2.10857	0.00415511	0.40824	-2.44954	0.0096774	0.466082	-2.14555	0.304267	0.780275	-1.2816	0.00267399	0.379758	-2.63325
cg15030849	COX6B2;COX6B2	0.00568943	0.55118	1.31275	1.31275	0.00689956	4.84661	4.84661	0.429461	1.43907	1.43907	0.0187392	3.61663	3.61663	0.10247	0.446446	-2.23991
cg20261366	COX6C	4.58E-05	0.60823	0.954532	-1.04763	0.235845	0.894215	-1.1183	0.285051	0.904891	-1.10511	0.237651	0.894636	-1.11777	0.63879	1.04347	1.04347
cg14960007	COX6C	0.000607223	0.049689	0.646505	-1.54678	0.300166	1.23265	1.23265	0.155869	0.743948	-1.34418	0.32239	1.22035	1.22035	5.52E-05	0.23176	-4.31481
cg01977082	COX6C	0.00262086	0.0138209	0.447162	-2.23633	0.000543479	0.241258	-4.14494	0.00440496	0.365841	-2.73343	0.0512895	0.555978	-1.79863	0.00888418	0.41447	-2.41272
cg15163151	COX6C	0.00273787	0.00181539	0.180044	-5.55418	0.0867141	0.481104	-2.07855	0.0229826	0.349323	-2.86268	0.111697	0.511751	-1.95407	0.000510794	0.122623	-8.15505
cg21138012	COX6C	0.00303254	0.752887	0.898303	-1.11321	0.739339	0.892805	-1.12007	0.108862	0.552237	-1.81082	0.00644887	3.32972	3.32972	0.54267	1.23275	1.23275
cg05686643	COX6C	0.00508375	0.537137	0.931348	-1.07371	0.0161597	1.39781	1.39781	0.057437	1.27708	1.27708	0.000191991	0.489253	-2.04393	0.492696	1.08252	1.08252
cg24168378	COX6C	0.00714148	0.760482	0.942305	-1.06123	0.021749	1.70804	1.70804	0.00750378	1.95196	1.95196	0.0815843	1.45521	1.45521	0.578308	1.11531	1.11531
cg08579721	COX6C	0.00786699	0.0541298	0.535061	-1.86894	0.0294178	0.480043	-2.08315	0.190055	1.48748	1.48748	0.178108	0.664056	-1.5059	0.00720448	0.37071	-2.69752
cg05081629	COX6C	0.0116742	0.161414	0.839531	-1.19114	0.0827222	1.252	1.252	0.177504	1.18248	1.18248	0.0856559	1.24881	1.24881	0.322174	0.887263	-1.12706
cg24267801	COX6C	0.0288434	0.979022	0.996164	-1.00385	0.412729	1.13022	1.13022	0.00290422	1.81902	1.81902	0.799197	0.963424	-1.03796	0.0443395	0.713469	-1.4016
cg03080538	COX6C	0.0466713	0.98508	1.00592	1.00592	0.405966	1.30766	1.30766	0.274887	0.698775	-1.43108	0.215258	1.50916	1.50916	0.0100204	0.358555	-2.78898
cg15176213	COX7A1;COX7A1	0.0379266	0.104514	2.16295	2.16295	0.00737644	4.48667	4.48667	0.0183754	3.46899	3.46899	0.467661	1.37892	1.37892	0.0370577	2.8652	2.8652
cg00569982	COX7A2;COX7A2	0.00141105	0.668023	1.10286	1.10286	0.000306937	0.264477	-3.78105	0.0141142	0.502881	-1.98854	0.623972	0.893935	-1.11865	0.00292563	0.395492	-2.52849
cg15846718	COX7A2;COX7A2	0.00234332	0.600187	0.933844	-1.07084	0.51896	1.0883	1.0883	0.000131005	0.423483	-2.36137	0.00629058	0.630891	-1.58506	0.108269	0.797114	-1.25452
cg27557946	COX7A2;COX7A2	0.0236668	0.511273	0.908301	-1.10096	0.0972297	1.3005	1.3005	0.0561939	1.36641	1.36641	0.0668041	0.743295	-1.34536	0.0549009	0.730316	-1.36927
cg24775832	COX7A2;COX7A2	0.0463119	0.626416	0.914325	-1.0937	0.0408726	1.53872	1.53872	0.0967726	1.39495	1.39495	0.0221943	0.606169	-1.6497	0.20518	0.783437	-1.27643
cg14234898	COX7A2;COX7A2;COX7A2	0.0166628	0.010456	0.72474	-1.37981	0.38747	1.09251	1.09251	0.012517	1.36382	1.36382	0.045067	1.25822	1.25822	0.104569	1.19388	1.19388
cg23569524	COX7A2L	4.34E-05	0.0460422	0.529898	-1.88715	7.03E-07	0.0238442	-41.939	0.159436	0.658593	-1.51839	?	?	?	0.308678	0.74627	-1.34
cg17651633	COX7A2L	0.0110052	0.104045	2.89792	2.89792	0.268205	0.507609	-1.97002	0.0844754	0.317411	-3.15049	?	?	?	0.743055	1.21022	1.21022

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04256470	0.00085102	2.04882	2.04882	0.111858	1.28112	1.28112	0.00332875	1.77151	1.77151	0.00103313	2.00472	2.00472	25.0337	8.11699	0.288215	1
cg20163085	0.479078	1.46073	1.46073	0.295669	0.564906	-1.77021	0.00180546	10.3504	10.3504	0.0392886	3.51102	3.51102	6.75559	29.6735	3.90439	1
cg25407372	0.236025	1.43367	1.43367	0.772359	0.919293	-1.08779	0.24638	1.42145	1.42145	0.0267562	2.14114	2.14114	3.91459	5.21795	1.18484	1
cg07964754	0.119616	0.665268	-1.50315	0.000100979	0.189536	-5.27605	0.00193667	0.346971	-2.88208	0.126705	0.671199	-1.48987	9.29468	8.57416	0.819983	1
cg04294658	0.000581587	0.614735	-1.62672	0.323809	0.911007	-1.09769	0.0758352	0.834663	-1.19809	0.0338408	0.797223	-1.25435	8.99541	1.19186	0.117775	1
cg03738384	0.828372	1.04384	1.04384	0.0322986	0.609331	-1.64115	0.313048	1.22902	1.22902	0.299484	1.23677	1.23677	8.33236	5.15404	0.549828	1
cg03892543	0.217489	1.27722	1.27722	0.00811303	0.527693	-1.89504	0.0102862	0.543428	-1.84017	0.0948801	1.41362	1.41362	5.76765	3.24889	0.500708	1
cg00197006	0.245792	1.33415	1.33415	0.728571	0.920591	-1.08626	0.607866	0.884335	-1.13079	0.0803538	0.630852	-1.58516	5.66065	5.05686	0.794076	1
cg05344293	0.758765	0.93508	-1.06943	0.0226793	0.551854	-1.81207	0.357954	1.22875	1.22875	0.00223469	0.393394	-2.54198	4.75727	3.57767	0.668483	1
cg02851237	0.142234	0.772719	-1.29413	0.00808462	0.574449	-1.7408	0.00335831	0.520927	-1.91966	0.713899	1.06203	1.06203	4.69722	1.98707	0.376028	1
cg09197397	0.270614	0.685015	-1.45982	0.00749392	0.32132	-3.11216	0.220312	1.52966	1.52966	0.522471	0.807517	-1.23836	3.53889	6.09721	1.53148	1
cg03100906	0.216651	1.51873	1.51873	0.089133	1.82688	1.82688	0.0262208	2.33408	2.33408	0.888049	0.955734	-1.04632	3.43879	5.62708	1.45454	1
cg03024660	0.561694	1.22822	1.22822	0.0326287	0.416457	-2.40121	0.0918469	0.521948	-1.9159	0.589392	1.21033	1.21033	3.43165	6.67053	1.72785	1
cg07926482	0.604679	0.938026	-1.06607	0.00109951	0.554564	-1.80322	0.0345808	1.3524	1.3524	0.589798	1.06895	1.06895	4.80013	1.14094	0.21128	1
cg16007508	0.220032	0.83607	-1.19607	0.170335	0.816488	-1.22476	0.68462	0.944882	-1.05833	0.0109329	0.641808	-1.5581	25.1545	7.67967	0.271378	1
cg13706352	0.907427	0.991291	-1.00879	0.000175867	1.61345	1.61345	0.000351182	1.54018	1.54018	0.00039906	1.52754	1.52754	15.5171	1.38942	0.0795921	1
cg26180732	0.566842	0.968373	-1.03266	1.69E-05	1.63288	1.63288	0.14805	1.08996	1.08996	0.292031	0.941113	-1.06257	15.1422	0.739119	0.0433882	1
cg22956598	0.942277	1.00645	1.00645	2.53E-05	0.476048	-2.10063	0.739657	1.03004	1.03004	0.0326008	1.24856	1.24856	10.423	1.30064	0.11092	1
cg15611993	0.0491539	1.26962	1.26962	0.739795	1.03607	1.03607	0.0320567	1.30599	1.30599	0.792733	1.02839	1.02839	10.3352	1.84962	0.159079	1
cg24755537	0.0538728	0.496218	-2.01524	0.00899511	0.345275	-2.89624	0.512627	1.23689	1.23689	0.0459002	0.480668	-2.08044	8.70052	12.5549	1.44301	1
cg20170777	0.0749637	0.285922	-3.49746	0.00268526	0.0728464	-13.7275	0.00339793	0.0809401	-12.3548	0.0211885	0.173879	-5.75114	6.41132	40.4737	5.61143	1
cg08036492	0.0120791	0.269157	-3.71531	0.45375	0.726103	-1.37721	0.879695	1.06558	1.06558	0.0146252	0.283411	-3.52844	5.92696	16.5106	2.47615	1
cg27005118	0.190351	0.44539	-2.24523	0.00465802	0.111397	-8.97691	0.0408171	0.252337	-3.96296	0.0258228	0.213634	-4.6809	5.05642	27.2381	4.7883	1
cg08823020	0.596847	0.918388	-1.08886	0.842196	1.0323	1.0323	0.336318	0.853755	-1.1713	0.0469678	0.695822	-1.43715	3.42712	1.38064	0.358095	1
cg17789012	0.0917806	0.733725	-1.36291	0.0248888	1.56091	1.56091	0.35699	0.853844	-1.17117	0.978643	0.995545	-1.00447	5.80049	2.55559	0.391629	1
cg07707039	0.278289	1.26718	1.26718	0.894684	0.972564	-1.02821	0.432496	1.18324	1.18324	0.553359	0.881665	-1.13422	5.86982	4.10147	0.621101	1
cg18051889	0.822009	1.03801	1.03801	0.000772482	0.430572	-2.32249	0.4588	1.13302	1.13302	0.954688	1.00945	1.00945	5.55383	2.41077	0.385843	1
cg16950616	0.00728471	0.819132	-1.2208	0.678471	0.976256	-1.02432	0.181893	0.921564	-1.08511	0.864318	1.00991	1.00991	6.42905	0.338353	0.0467811	1
cg15819780	0.181866	0.626842	-1.5953	0.24471	0.66959	-1.49345	0.0704982	1.94693	1.94693	0.539764	0.814968	-1.22704	3.50099	6.02338	1.52932	1
cg04387010	0.0652076	1.58562	1.58562	0.150353	1.40962	1.40962	0.933681	1.01871	1.01871	0.246098	1.31013	1.31013	3.69531	2.90231	0.698136	1
cg11217004	0.000236918	0.141118	-7.08628	0.452146	1.27925	1.27925	0.770973	0.91042	-1.09839	0.793517	1.088	1.088	5.6311	9.21922	1.45529	1
cg19401408	0.111993	0.594778	-1.6813	0.0900088	0.570647	-1.7524	0.61172	0.857543	-1.16612	0.105738	0.588309	-1.69979	4.73831	6.76366	1.26884	1
cg20566587	0.108535	1.15452	1.15452	0.0345452	0.81684	-1.22423	0.23422	1.10777	1.10777	0.618546	0.959637	-1.04206	5.9355	0.633313	0.0948436	1
cg03618257	?	?	?	0.0604447	4.72122	4.72122	0.018709	8.07632	8.07632	0.0158904	8.71488	8.71488	3.94754	26.1316	7.56539	1
cg14754439	0.99076	0.998875	-1.00113	0.0114423	0.735171	-1.36023	0.00797909	0.718492	-1.3918	0.0267215	1.29074	1.29074	5.1555	0.77174	0.13306	1
cg12327691	0.0563593	0.292328	-3.42081	0.00597306	0.12929	-7.73453	0.0152671	0.183488	-5.44996	0.109708	0.370637	-2.69806	4.33015	22.2192	4.56112	1
cg13099429	0.0317497	0.518486	-1.92869	0.000819856	0.268291	-3.72729	0.000452747	4.23031	4.23031	0.0041975	2.71984	2.71984	20.5188	22.1237	0.958413	1
cg13630250	0.00201344	0.231655	-4.31675	0.000179941	0.119047	-8.40007	0.232414	0.65684	-1.52244	0.11755	0.565226	-1.7692	14.2817	25.4804	1.5859	1
cg20262330	0.00499769	0.438035	-2.28292	0.0690167	0.636287	-1.57162	0.0687109	0.635896	-1.57258	0.00218509	2.59852	2.59852	10.3791	8.11597	0.695068	1
cg22899163	0.00018708	1.59198	1.59198	0.0507096	1.17843	1.17843	0.501834	0.950973	-1.05155	0.0678068	1.16284	1.16284	6.24553	0.537964	0.0765652	1
cg23562388	?	?	?	?	?	?	0.345553	0.386767	-2.58553	0.826234	0.806546	-1.23986	6.50558	54.7326	13.4611	1
cg23539464	0.0849332	0.515001	-1.94175	0.00719604	0.298668	-3.3482	0.469488	0.773885	-1.29218	0.620976	0.840615	-1.1896	3.72219	7.15294	1.70818	1
cg05917416	0.0316788	0.822106	-1.21639	0.123381	0.878275	-1.13859	0.275248	1.09229	1.09229	0.0362343	1.2085	1.2085	7.78119	0.745344	0.0851448	1
cg23666291	0.400156	0.856007	-1.16821	0.00941155	0.551972	-1.81169	0.24406	1.2461	1.2461	0.122532	1.35268	1.35268	35.7937	18.4746	0.458792	1
cg03743984	0.104239	1.35655	1.35655	0.851805	0.968401	-1.03263	3.37E-06	0.152389	-6.56214	0.0188408	1.62985	1.62985	29.0799	13.5765	0.414995	1
cg18027227	0.236071	1.15075	1.15075	0.00325536	0.635238	-1.57421	0.918207	0.98845	-1.01168	0.501708	1.08016	1.08016	14.1794	2.87228	0.18006	1
cg01322951	0.578851	0.92756	-1.0781	0.00157472	0.544	-1.83824	0.00443272	1.66406	1.66406	0.420604	0.895521	-1.11667	9.17517	2.61376	0.25322	1
cg26166688	0.00541965	0.308107	-3.24562	0.00979848	0.349774	-2.85899	0.00484928	0.300687	-3.32572	0.1439	0.603449	-1.65714	6.67633	10.9423	1.45686	1
cg11951446	0.875092	1.03133	1.03133	0.864508	0.967059	-1.03406	0.356266	0.830195	-1.20454	0.0825156	0.685797	-1.45816	3.66825	2.23471	0.541514	1
cg02714677	0.53525	1.07565	1.07565	0.215717	1.16339	1.16339	0.542834	0.930954	-1.07417	0.188029	0.850416	-1.17589	4.63414	0.990167	0.189927	1
cg08572214	0.424669	0.616592	-1.62182	0.00217554	0.0780215	-12.817	0.880678	1.09318	1.09318	0.424177	0.616262	-1.62269	4.43135	24.6866	4.95191	1
cg06769423	0.424763	0.850666	-1.17555	0.0942328	0.694169	-1.44057	0.0239472	1.70661	1.70661	0.488389	1.14989	1.14989	3.49941	2.18192	0.55423	1
cg02333960	0.00105199	0.586344	-1.70548	3.66E-06	0.303035	-3.29995	0.000129577	2.08011	2.08011	0.00126268	0.595487	-1.6793	38.4384	7.3856	0.170792	1
cg02028351	0.301703	1.12448	1.12448	0.000111909	2.10564	2.10564	0.528685	1.07249	1.07249	0.0165006	0.725278	-1.37878	16.6257	3.16577	0.169257	1
cg22126965	0.0378189	0.388153	-2.57631	0.117594	1.94998	1.94998	0.000232753	0.0907799	-11.0157	0.454273	1.34919	1.34919	10.3222	25.2396	2.17349	1
cg24206161	0.0244351	0.81386	-1.22871	0.0014542	0.702362	-1.42377	0.00181603	0.711368	-1.40574	0.354802	0.929485	-1.07586	8.53253	0.797451	0.0830757	1
cg02039839	0.126845	0.625266	-1.59932	0.0288657	2.08089	2.08089	0.0007375	0.232705	-4.29729	0.354095	0.762524	-1.31143	7.30499	9.35614	1.13848	1
cg10374962	0.592919	1.19561	1.19561	0.0810319	0.527056	-1.89733	0.214455	1.54139	1.54139	0.159184	1.64563	1.64563	5.74358	9.97047	1.54305	1
cg11375306	0.697033	1.05937	1.05937	0.00212416	1.88999	1.88999	0.0594318	1.36842	1.36842	0.333795	0.863334	-1.1583	4.72843	1.62735	0.305924	1
cg09125316	0.149401	0.3117	-3.20821	0.00841179	12.6551	12.6551	0.232708	0.389183	-2.56948	0.220499	2.64157	2.64157	4.03984	36.3845	8.00572	1
cg06515404	0.00443401	0.322404	-3.10169	0.0129217	2.50923	2.50923	0.591999	1.17502	1.17502	0.529726	0.827133	-1.209	3.95834	5.57166	1.25118	1
cg25337795	0.0979417	0.565611	-1.768	0.00403831	0.297574	-3.36051	0.0417438	0.478675	-2.0891	0.000785811	0.203241	-4.92027	8.7369	12.1184	1.38703	1
cg27288091	0.000733618	0.462863	-2.16047	2.64E-05	0.287117	-3.4829	0.0483204	1.40316	1.40316	0.000502157	0.441828	-2.26332	17.6275	6.29204	0.317284	1
cg21963318	0.134728	1.21263	1.21263	0.757994	1.03764	1.03764	0.153206	0.832888	-1.20064	0.366504	0.895017	-1.1173	5.01095	1.13431	0.201214	1
cg06538141	0.950908	1.00679	1.00679	0.0147459	0.719179	-1.39047	0.0060595	0.674558	-1.48245	0.0716873	0.801805	-1.24719	16.1799	3.09163	0.169848	1
cg27413508	0.722375	1.07775	1.07775	0.000314082	0.293476	-3.40743	0.338941	0.813113	-1.22984	0.190873	1.33737	1.33737	13.1491	9.17458	0.62021	1
cg17116120	0.70262	1.17708	1.17708	0.000363317	11.3462	11.3462	0.260029	1.64764	1.64764	0.0103937	3.94136	3.94136	6.88676	19.7027	2.54307	1
cg15625791	0.42999	0.886352	-1.12822	0.00868657	1.65013	1.65013	0.72995	1.05326	1.05326	0.239784	1.20242	1.20242	6.18169	2.19564	0.315719	1
cg21543589	0.342099	1.49688	1.49688	0.0332124	2.78945	2.78945	0.369496	1.462	1.462	0.0331424	2.79096	2.79096	4.90068	13.1809	2.39075	1
cg09027725	0.355493	0.818365	-1.22195	0.0319875	1.6988	1.6988	0.351017	0.816746	-1.22437	0.400887	1.19882	1.19882	4.85429	3.41933	0.626127	1
cg21497164	0.148605	0.730218	-1.36945	0.00323938	0.442668	-2.25903	0.0254253	0.583293	-1.7144	0.566143	0.888965	-1.1249	4.84055	3.15731	0.579789	1
cg12033622	0.0704301	0.372371	-2.68549	0.0520592	0.339701	-2.94377	0.502889	1.39399	1.39399	0.0315182	3.42844	3.42844	4.06774	15.3765	3.36011	1
cg26070540	0.232313	1.8544	1.8544	0.00659035	5.69357	5.69357	0.69015	1.21843	1.21843	0.0167342	4.22003	4.22003	3.96605	15.2684	3.42201	1
cg24193797	0.747209	0.971425	-1.02942	0.00447238	1.40474	1.40474	0.799422	0.977433	-1.02309	0.833328	1.01907	1.01907	3.59386	0.457422	0.113137	1
cg08918020	0.366963	1.29315	1.29315	0.000614806	4.31878	4.31878	0.512414	1.20236	1.20236	0.0131339	2.34686	2.34686	7.04818	8.58875	1.08318	1
cg04399085	0.0999929	0.560182	-1.78513	8.82E-05	0.104494	-9.56996	0.02648	0.429193	-2.32996	0.0168917	0.391787	-2.55241	12.1844	19.948	1.45527	1
cg15819333	0.0228848	0.311308	-3.21225	0.000230447	0.0727052	-13.7542	0.0039423	0.189677	-5.27213	0.0278418	0.328157	-3.04732	8.41346	24.484	2.58676	1
cg08058434	0.0475862	0.512849	-1.94989	0.00908359	0.376427	-2.65656	0.120998	1.6414	1.6414	0.0540908	0.525015	-1.90471	4.55147	5.56564	1.22282	1
cg03563694	0.246689	0.806336	-1.24018	0.0190906	0.604059	-1.65547	0.83454	0.963514	-1.03787	0.555772	1.11169	1.11169	4.09289	2.0468	0.444521	1
cg10181820	0.117072	0.670324	-1.49182	0.719992	1.08825	1.08825	0.195455	0.724917	-1.37947	0.0467493	0.585705	-1.70735	5.66885	4.95619	0.777142	1
cg04551053	0.0212135	1.58129	1.58129	0.041735	1.47445	1.47445	0.443907	0.87887	-1.13782	0.747341	0.947937	-1.05492	5.04714	2.18731	0.385224	1
cg08030134	0.0563395	0.504139	-1.98358	0.0333433	2.19947	2.19947	0.013013	2.65554	2.65554	0.985545	0.994274	-1.00576	3.64173	5.794	1.41423	1
cg06574679	0.0329799	0.357982	-2.79344	0.0665793	0.428528	-2.33357	0.596011	0.802192	-1.24658	0.264389	0.619272	-1.6148	3.52727	9.48001	2.38901	1
cg09831311	0.0921404	0.757607	-1.31995	0.00976063	0.613038	-1.63122	0.036161	0.69433	-1.44024	0.0329153	1.45292	1.45292	5.4409	1.93197	0.31563	1
cg02308245	0.308002	0.87205	-1.14672	0.951532	1.00792	1.00792	0.000343063	2.11255	2.11255	0.0316375	1.38668	1.38668	6.36649	1.69743	0.236996	1
cg11263507	0.46703	0.72722	-1.3751	2.32E-05	0.0262427	-38.1059	0.278656	0.615823	-1.62384	0.703244	0.848127	-1.17907	19.2265	56.4027	2.60764	1
cg27140083	0.114798	1.30974	1.30974	0.148953	0.783858	-1.27574	0.000206956	2.65778	2.65778	0.000263025	2.56913	2.56913	12.7878	5.01377	0.348511	1
cg00023695	0.605724	0.877029	-1.14021	9.18E-05	0.172001	-5.81393	0.300875	1.31014	1.31014	0.0546679	1.73197	1.73197	8.44551	8.49387	0.893978	1
cg17397401	0.0997041	0.722349	-1.38437	0.440788	1.15225	1.15225	0.671621	0.926011	-1.0799	0.102796	1.37957	1.37957	5.35	2.75359	0.457503	1
cg25250073	?	?	?	0.00181855	0.464007	-2.15514	0.865344	0.971025	-1.02984	0.0593252	1.446	1.446	5.00787	1.85138	0.422507	1
cg12478809	0.692508	1.09683	1.09683	0.309366	0.782999	-1.27714	0.670404	0.905246	-1.10467	0.408414	0.821506	-1.21728	4.12729	3.5344	0.761199	1
cg18817426	0.645518	1.25843	1.25843	0.00880382	5.23515	5.23515	0.00726329	5.57652	5.57652	0.0146835	4.44033	4.44033	5.08659	19.8408	3.46721	1
cg24441121	0.0325241	0.64157	-1.55868	0.000701702	2.50038	2.50038	0.417244	0.863259	-1.1584	0.000386721	0.36637	-2.72948	16.3686	8.15533	0.442872	1
cg21242684	0.456919	1.17827	1.17827	0.022468	1.80758	1.80758	0.420094	1.19526	1.19526	0.0158673	1.89591	1.89591	6.85203	5.08804	0.660053	1
cg02833110	0.449752	1.12823	1.12823	0.905337	0.981536	-1.01881	0.0574482	0.714179	-1.40021	0.140854	0.780257	-1.28163	6.56863	2.55302	0.345483	1
cg15827486	0.181489	0.734085	-1.36224	0.0838795	0.659103	-1.51721	0.0329945	1.72186	1.72186	0.0487663	1.6331	1.6331	3.42002	2.57261	0.668639	1
cg16022344	0.889132	1.0251	1.0251	0.000973647	0.418094	-2.3918	0.752189	1.05791	1.05791	0.895336	0.976881	-1.02367	6.48765	3.24503	0.44461	1
cg20049294	0.350327	1.09179	1.09179	3.16E-05	0.476739	-2.09758	0.188956	0.88061	-1.13558	0.722487	0.967949	-1.03311	11.5849	1.53125	0.11749	1
cg18567941	0.00692383	0.355362	-2.81403	0.0844385	0.568333	-1.75953	0.254393	0.703057	-1.42236	0.084558	0.568482	-1.75907	4.70807	6.53485	1.23379	1
cg24110063	0.339729	0.728093	-1.37345	0.010907	0.356802	-2.80268	0.297542	1.41662	1.41662	0.110485	1.75226	1.75226	6.69725	11.0317	1.46418	1
cg06507634	0.0507683	0.26554	-3.76591	0.0180812	0.180749	-5.53254	0.145373	0.393945	-2.53842	0.856194	1.11414	1.11414	5.0278	28.2657	4.99723	1
cg09117448	0.0975881	0.241296	-4.14428	0.268429	0.405933	-2.46346	0.0413135	6.30173	6.30173	0.206469	2.83545	2.83545	3.96348	38.4008	8.61214	1
cg00278329	0.0617602	0.37106	-2.69498	0.00251934	0.138529	-7.21868	0.800203	0.88736	-1.12694	0.276571	0.586664	-1.70455	3.72759	13.1096	3.12616	1
cg00444059	0.0780289	0.595119	-1.68033	0.0209205	0.478759	-2.08873	0.0505396	1.80514	1.80514	0.167771	1.47651	1.47651	9.47792	10.5454	0.989001	1
cg19058414	0.129234	0.795361	-1.25729	0.790522	1.03788	1.03788	0.401144	1.12752	1.12752	0.230148	0.838752	-1.19225	25.3341	7.82692	0.274621	1
cg25475056	0.724312	1.06162	1.06162	0.631597	0.921669	-1.08499	2.54E-06	6.82363	6.82363	0.0005004	2.50727	2.50727	24.6754	11.1416	0.401356	1
cg26933691	0.706304	1.03418	1.03418	0.000957399	1.54784	1.54784	0.000415656	1.64412	1.64412	0.0085315	1.34717	1.34717	9.52577	1.18935	0.110983	1
cg12680071	0.00134468	1.57635	1.57635	0.0199104	1.31593	1.31593	0.408776	1.08604	1.08604	0.480582	1.07256	1.07256	5.6918	0.86039	0.134367	1
cg22772355	0.029264	1.44607	1.44607	0.358715	1.14515	1.14515	0.00699545	1.65025	1.65025	0.575816	1.08457	1.08457	37.0912	12.1161	0.290362	1
cg26562532	0.00200045	0.335461	-2.98097	6.51E-06	0.0809079	-12.3597	9.10E-05	0.173572	-5.76131	0.0119134	0.455745	-2.19421	36.0447	35.7909	0.882631	1
cg06600153	0.624207	1.08825	1.08825	0.00495038	0.528669	-1.89154	0.0211444	1.60772	1.60772	0.451655	0.876918	-1.14036	22.49	10.4491	0.412987	1
cg17874421	0.0104648	0.265914	-3.76062	5.13E-05	0.0443016	-22.5726	0.000603943	0.113736	-8.79233	0.015584	0.295508	-3.384	20.5502	54.9887	2.37851	1
cg02844589	0.0584472	0.447529	-2.23449	0.0286259	0.378717	-2.64049	0.550071	0.796609	-1.25532	0.0189599	0.343564	-2.91067	11.2954	25.2967	1.99072	1
cg21310689	0.56523	1.32973	1.32973	0.00604453	0.159973	-6.25107	0.373661	1.56628	1.56628	0.633957	1.26494	1.26494	9.71367	36.0682	2.888	1
cg14015300	0.710137	1.09096	1.09096	0.000382261	0.266467	-3.75281	0.210271	0.73501	-1.36053	0.143777	0.69331	-1.44236	7.79795	6.71616	0.765575	1
cg15030849	0.915338	0.953143	-1.04916	0.276672	0.60012	-1.66633	0.00031365	13.9643	13.9643	0.264596	1.69002	1.69002	7.05376	22.753	2.86725	1
cg20261366	0.0110424	1.33228	1.33228	2.02E-06	0.348214	-2.8718	2.81E-05	0.476252	-2.09973	0.00126228	0.65468	-1.52746	27.2533	3.4965	0.114041	1
cg14960007	0.00375029	0.46659	-2.14321	0.00029525	0.317138	-3.1532	0.0722391	1.47822	1.47822	0.260664	0.795685	-1.25678	13.5386	8.13775	0.534291	1
cg01977082	0.744775	1.09025	1.09025	0.000983675	0.273658	-3.6542	0.00472507	0.370536	-2.6988	0.0289824	0.506134	-1.97576	8.90727	9.87052	0.985015	1
cg15163151	0.0931666	0.489565	-2.04263	0.32972	0.677749	-1.47547	0.000278452	0.100297	-9.97038	0.591849	0.811151	-1.23282	8.79313	20.8266	2.10534	1
cg21138012	0.00785478	0.314036	-3.18434	0.000254463	0.129201	-7.73985	0.123166	1.76315	1.76315	0.507511	0.795878	-1.25647	8.53077	15.5786	1.62326	1
cg05686643	0.293042	1.13218	1.13218	0.669693	1.05005	1.05005	0.876725	1.01782	1.01782	0.463968	0.918666	-1.08853	7.30146	1.49787	0.182352	1
cg24168378	0.0188541	1.73826	1.73826	0.00293388	0.451988	-2.21245	0.645843	1.0941	1.0941	0.0970654	0.701912	-1.42468	6.57395	3.93294	0.531788	1
cg08579721	0.0921167	0.588331	-1.69972	0.000599762	0.219854	-4.54847	0.0115948	0.405375	-2.46685	0.239189	0.702814	-1.42285	6.37769	8.26842	1.15241	1
cg05081629	0.954388	0.993332	-1.00671	0.000835224	0.555413	-1.80046	0.445493	0.913052	-1.09523	0.0641516	1.27545	1.27545	5.62344	1.21833	0.192579	1
cg24267801	0.550245	0.915438	-1.09237	0.592197	1.08225	1.08225	0.235224	0.833724	-1.19944	0.0240352	1.48208	1.48208	4.14416	1.40243	0.300809	1
cg03080538	0.0113264	0.367688	-2.7197	0.101489	0.567954	-1.76071	0.64218	1.15909	1.15909	0.140689	0.606536	-1.64871	3.47759	5.4828	1.40143	1
cg15176213	0.269156	1.64927	1.64927	0.00865183	4.28545	4.28545	0.0574003	2.54585	2.54585	0.802215	1.11529	1.11529	3.75579	11.2437	2.66107	1
cg00569982	0.0475621	1.67236	1.67236	0.00182955	0.366118	-2.73136	0.930637	1.01995	1.01995	0.00328058	0.402831	-2.48243	10.6654	8.69836	0.724949	1
cg15846718	0.339904	0.880473	-1.13575	0.199376	1.19182	1.19182	0.0677248	1.30324	1.30324	0.0444179	1.34821	1.34821	9.20547	2.44199	0.235801	1
cg27557946	0.908076	1.01681	1.01681	0.0813038	1.32176	1.32176	0.539408	0.914207	-1.09384	0.00561575	1.69021	1.69021	4.44083	1.46578	0.293394	1
cg24775832	0.267827	0.809974	-1.23461	0.994965	0.998848	-1.00115	0.0504524	1.50241	1.50241	0.178245	1.29844	1.29844	3.48772	1.84151	0.469332	1
cg14234898	0.0487864	0.798695	-1.25204	0.505335	1.06985	1.06985	0.096974	1.19957	1.19957	0.146763	1.16831	1.16831	5.00287	0.790545	0.140461	1
cg23569524	0.0308001	0.494336	-2.02292	?	?	?	0.436211	1.24688	1.24688	0.579644	1.16814	1.16814	29.2618	27.8125	1.08625	1
cg17651633	0.000592881	0.0258666	-38.6599	?	?	?	0.815265	1.1453	1.1453	0.731148	0.818659	-1.22151	7.95428	31.3174	3.37472	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14064229	COX7A2L	0.0350107	0.225528	1.6071	1.6071	0.00425375	0.240276	-4.16188	0.242905	0.634131	-1.57696	0.929432	0.967523	-1.03357	0.759188	0.891715	-1.12143
cg05504732	COX7A2L	0.0354972	0.00589783	0.748605	-1.33582	0.0892549	1.16254	1.16254	0.294366	1.09135	1.09135	0.346048	1.08112	1.08112	0.0321151	0.817293	-1.22355
cg10642423	COX7A2L	0.040276	0.0577071	1.215	1.215	0.0636882	0.827638	-1.20826	0.229917	0.891981	-1.1211	0.884683	0.986917	-1.01326	0.493466	1.06514	1.06514
cg00563892	COX7A2L	0.0448418	0.575873	1.06068	1.06068	0.525249	0.935103	-1.0694	0.626305	1.05248	1.05248	0.668909	0.956151	-1.04586	0.542326	1.0664	1.0664
cg14576681	COX7A2L;COX7A2L	0.0041133	0.141821	0.742648	-1.34653	0.115847	1.37981	1.37981	0.0348761	1.58912	1.58912	0.958356	1.00988	1.00988	0.779564	1.05428	1.05428
cg21053474	COX7B2	3.37E-05	0.707676	0.945294	-1.05787	5.74E-06	0.217552	-4.59661	5.57E-05	0.326425	-3.06349	0.000206969	0.395402	-2.52907	0.0126522	1.5887	1.5887
cg10910685	COX7B2	0.000216476	0.000876871	0.470619	-2.12486	0.429998	0.885419	-1.12941	0.000414899	0.429052	-2.33072	0.190709	0.811141	-1.23283	3.95E-06	0.197719	-5.05769
cg07471018	COX7B2	0.000251193	0.0478232	0.544275	-1.83731	8.44E-05	0.149496	-6.68915	0.000376467	0.216937	-4.60963	0.000788371	0.255639	-3.91177	0.0123953	0.433082	-2.30903
cg21472835	COX7B2	0.0015574	0.108212	1.73953	1.73953	0.705629	0.887024	-1.12737	0.000864563	0.206036	-4.85351	0.00376941	0.29082	-3.43855	0.213954	1.51191	1.51191
cg26636590	COX7B2	0.00212468	0.361125	1.17109	1.17109	0.0131104	1.678	1.678	0.00107844	0.44389	-2.25281	0.0253798	0.639493	-1.56374	0.0139816	1.66637	1.66637
cg10651502	COX7B2	0.00314692	0.0927947	1.31302	1.31302	0.870642	1.02429	1.02429	0.000331671	0.426103	-2.34685	0.599828	1.08107	1.08107	0.0285465	0.683546	-1.46296
cg15452017	COX7B2	0.0069068	0.0590835	0.530293	-1.88575	0.260411	0.705142	-1.41815	0.00986036	0.378848	-2.63958	0.00490739	0.329783	-3.03229	0.0202938	0.434846	-2.29967
cg27299949	COX7B2	0.00935697	0.863734	0.966606	-1.03455	0.00207622	0.424386	-2.35635	0.252606	0.789564	-1.26652	0.118752	0.71547	-1.39768	0.0766248	0.677463	-1.4761
cg25463409	COX7B2	0.0155459	0.435745	0.709637	-1.40917	0.191889	0.551062	-1.81468	0.0162578	0.281486	-3.55257	0.082436	0.436132	-2.29288	0.0996366	0.459121	-2.17808
cg12403328	COX7B2	0.0359071	0.150866	0.746934	-1.33881	0.0886583	1.42754	1.42754	0.200524	0.773942	-1.29209	0.0142584	0.563899	-1.77337	0.669248	1.08485	1.08485
cg24831862	COX7B2;COX7B2	0.00681603	0.940359	0.978791	-1.02167	0.00413443	0.33233	-3.00906	0.00778003	0.375679	-2.66184	0.66937	1.13095	1.13095	0.57591	0.850523	-1.17575
cg15830530	COX7B;COX7B	0.0234115	0.018772	0.412756	-2.42274	0.00143522	0.238742	-4.18863	0.778494	0.916095	-1.09159	0.382836	1.32064	1.32064	0.0247217	0.435628	-2.29553
cg04195581	COX7C	0.000910418	0.177183	0.649833	-1.53886	0.48182	1.23967	1.23967	0.169668	1.5521	1.5521	0.122919	1.65248	1.65248	3.26E-05	0.0884001	-11.3122
cg25914270	COX7C	0.00236172	0.0186984	1.28315	1.28315	0.00793961	0.74247	-1.34686	0.00143735	0.668236	-1.49648	0.334636	1.09095	1.09095	0.0324142	0.803244	-1.24495
cg25468632	COX7C	0.00404283	0.0417703	0.634569	-1.57587	0.341919	1.20899	1.20899	0.000384889	2.99807	2.99807	0.713186	0.930949	-1.07417	0.00353272	0.464658	-2.15212
cg26603598	COX7C	0.0150609	0.0140259	3.76527	3.76527	0.108004	2.15226	2.15226	0.0113935	3.99249	3.99249	0.0242524	3.23497	3.23497	0.045788	0.367575	-2.72053
cg10297721	COX8A	0.000514653	0.00122341	0.590729	-1.69282	0.0697721	0.797989	-1.25315	7.90E-05	0.451987	-2.21245	0.690419	1.04556	1.04556	0.0727961	0.800342	-1.24947
cg10415235	COX8A	0.0171473	0.0643413	1.19458	1.19458	0.183615	0.886313	-1.12827	0.977117	0.997549	-1.00246	0.174037	1.13169	1.13169	0.00327735	1.40892	1.40892
cg01726287	COX8C;KIAA1409	0.0379326	0.050696	2.5215	2.5215	0.0969831	0.469213	-2.13123	0.413534	0.706636	-1.41516	0.114256	0.489871	-2.04135	0.0318559	0.351747	-2.84295
cg17439694	CP	0.00400461	?	?	?	0.00716781	0.470528	-2.12527	0.00637642	0.462116	-2.16396	0.676397	0.916194	-1.09147	?	?	?
cg19278448	CP	0.00515448	0.00140371	0.223081	-4.48267	0.223213	0.660303	-1.51446	0.438892	0.774107	-1.29181	0.188133	0.636171	-1.57191	0.000262495	0.14292	-6.99692
cg05776336	CP	0.00552319	0.0377753	0.468484	-2.13455	0.0956703	0.562123	-1.77897	0.0361189	0.464389	-2.15337	0.916467	1.03357	1.03357	0.000112034	0.118011	-8.47382
cg24876069	CP	0.00839531	0.344356	0.756649	-1.32162	0.184252	0.668155	-1.49666	0.397255	0.780231	-1.28167	0.12003	0.617021	-1.62069	0.000881662	0.239985	-4.16693
cg20047230	CP110	0.000398188	0.0324089	0.736392	-1.35797	0.000465479	1.95909	1.95909	0.127246	1.22323	1.22323	0.0852691	1.26167	1.26167	0.000116937	0.438471	-2.28065
cg00747859	CP110	0.00685191	0.347939	1.33617	1.33617	0.045411	0.502479	-1.99013	0.00514523	0.330177	-3.02868	0.0104129	0.380077	-2.63104	0.000387765	0.183218	-5.45797
cg05426601	CPA1	0.000660025	0.017426	1.66557	1.66557	0.0133538	1.71626	1.71626	0.0830986	1.40237	1.40237	0.0731291	0.70311	-1.42225	0.00517038	0.521704	-1.9168
cg14761227	CPA1	0.00340645	0.00493256	0.513967	-1.94565	0.0748689	0.701454	-1.42561	0.0590908	0.683218	-1.46366	0.396603	0.856282	-1.16784	0.000334095	0.355448	-2.81335
cg21115346	CPA1	0.0229542	0.835854	0.969081	-1.03191	0.00104281	0.479638	-2.08491	0.409784	0.880199	-1.13611	0.0740644	1.35167	1.35167	0.387495	1.14349	1.14349
cg02908438	CPA1	0.0337642	0.737667	0.928497	-1.07701	0.15034	1.40531	1.40531	0.0934828	1.50251	1.50251	0.0495995	0.609955	-1.63946	0.300675	1.26704	1.26704
cg20740249	CPA1	0.0415891	0.827453	0.970446	-1.03045	0.187825	0.825467	-1.21144	0.36615	1.13609	1.13609	0.109331	0.786681	-1.27116	0.924972	1.01303	1.01303
cg08244181	CPA1	0.04326	0.646647	0.94069	-1.06305	0.526273	0.918461	-1.08878	0.266004	1.16594	1.16594	0.0148405	1.48735	1.48735	0.269355	0.858672	-1.16459
cg16847637	CPA1;CPA1	0.00105676	0.0806325	1.5365	1.5365	2.60E-05	6.33467	6.33467	0.387865	1.21676	1.21676	0.949089	0.985945	-1.01426	0.650357	0.903796	-1.10644
cg06143732	CPA2	0.0207687	0.915374	0.980221	-1.02018	0.0345903	0.629333	-1.58898	0.152054	1.33427	1.33427	0.192131	1.29626	1.29626	0.0117228	0.553333	-1.80723
cg27568764	CPA3	0.00404567	0.345768	1.23477	1.23477	0.000526429	0.309386	-3.23221	0.00148114	0.369407	-2.70704	0.378371	1.21688	1.21688	0.174118	1.36889	1.36889
cg18516150	CPA3	0.0211013	0.143221	1.73863	1.73863	0.352281	0.714242	-1.40009	0.0162026	0.355586	-2.81226	0.75724	0.896721	-1.11517	0.0127404	0.336837	-2.9688
cg14992633	CPA4;CPA4	0.0254155	0.393387	0.90644	-1.10322	0.00387529	1.54819	1.54819	0.0259075	0.74295	-1.34599	0.893192	0.98502	-1.01521	0.975653	0.996577	-1.00343
cg01796223	CPA4;CPA4;CPA4;CPA4	0.0432842	0.093979	0.273262	-3.6595	0.0136425	0.116548	-8.58016	0.0367355	0.18095	-5.52638	0.103917	0.285744	-3.49963	0.312359	0.478902	-2.08811
cg05009018	CPA5;CPA5;CPA5	0.00716353	0.444069	0.904751	-1.10528	0.0130871	1.48413	1.48413	0.0436802	1.34647	1.34647	0.0410446	0.739008	-1.35317	0.376912	0.890193	-1.12335
cg22664614	CPA5;CPA5;CPA5	0.0148086	0.00372311	0.151035	-6.62099	0.00906597	0.201905	-4.95283	0.0257545	0.2787	-3.58808	0.372813	0.643133	-1.55489	0.00164619	0.113721	-8.79347
cg20917077	CPA5;CPA5;CPA5	0.0311196	0.0215037	0.31912	-3.13362	0.215196	0.582995	-1.71528	0.0228116	0.324065	-3.0858	0.140804	0.519334	-1.92554	0.0512705	0.399329	-2.5042
cg03219611	CPA5;CPA5;CPA5	0.0356519	0.474768	0.865637	-1.15522	0.106278	0.704587	-1.41927	0.0663221	0.664428	-1.50505	0.168376	0.747229	-1.33828	0.554645	1.12596	1.12596
cg17376631	CPA5;CPA5;CPA5	0.0491741	0.0498443	0.554196	-1.80442	0.803531	0.936346	-1.06798	0.181467	0.687782	-1.45395	0.411857	0.801402	-1.24781	0.122914	0.643393	-1.55426
cg21750887	CPA6;CPA6	0.000579066	0.00056472	0.220113	-4.54312	0.759811	0.916809	-1.09074	0.0229292	0.46266	-2.16141	0.0293211	0.483302	-2.0691	1.69E-05	0.0819921	-12.1963
cg10423607	CPA6;CPA6	0.00244081	0.000825234	0.0592729	-16.8711	0.118189	0.386133	-2.58978	0.0107597	0.165715	-6.03446	0.00250619	0.0948875	-10.5388	0.0358424	0.254172	-3.93435
cg21860285	CPA6;CPA6	0.00572218	0.012849	0.50729	-1.97126	0.731536	1.07859	1.07859	0.00407047	0.42868	-2.33274	0.197915	0.74161	-1.34842	0.00748945	0.469442	-2.13019
cg14782206	CPA6;CPA6	0.0127526	0.00578487	0.273261	-3.6595	0.327665	0.695899	-1.43699	0.829267	0.925438	-1.08057	0.211911	1.60293	1.60293	0.00444128	0.256146	-3.90402
cg16536560	CPA6;CPA6	0.0143171	0.529044	1.16688	1.16688	0.317409	0.778712	-1.28417	0.155987	0.692588	-1.44386	0.516565	0.852857	-1.17253	0.000702362	0.286429	-3.49127
cg04103837	CPA6;CPA6	0.0173325	0.0125986	0.478399	-2.0903	0.236075	1.34325	1.34325	0.00667233	0.433224	-2.30827	0.954023	1.0138	1.0138	0.155819	0.697048	-1.43462
cg15955772	CPA6;CPA6	0.0453808	0.673501	1.10238	1.10238	0.00723997	0.450697	-2.21878	0.525209	0.862366	-1.1596	0.350081	1.2476	1.2476	0.639509	1.11461	1.11461
cg09428251	CPA6;CPA6;CPA6;CPA6	0.00541704	0.00394246	0.221745	-4.50968	0.753735	1.13001	1.13001	0.036619	0.38938	-2.56819	0.0062325	0.250397	-3.99366	0.000716044	0.135278	-7.39217
cg25996388	CPAMD8	2.61E-05	0.000802126	0.337997	-2.95861	0.000310937	0.285353	-3.50443	0.000113207	0.233769	-4.27774	0.00158353	0.378231	-2.64389	0.0351317	0.590871	-1.69242
cg06418475	CPAMD8	0.00027481	0.00719346	1.67789	1.67789	0.0224144	0.664941	-1.50389	0.00375336	1.79253	1.79253	0.0274755	1.47551	1.47551	0.000658094	2.17822	2.17822
cg18569070	CPAMD8	0.000345138	0.0612439	0.562102	-1.77904	0.486572	0.824403	-1.213	0.0163644	0.448622	-2.22905	0.0277614	2.03503	2.03503	0.000874872	0.255822	-3.90897
cg08274011	CPAMD8	0.000504497	0.108173	0.550072	-1.81794	0.538675	0.808732	-1.2365	0.0264946	0.407764	-2.4524	0.0789838	0.514186	-1.94482	0.106967	0.548742	-1.82235
cg16903913	CPAMD8	0.000720291	0.794514	0.911059	-1.09762	0.370253	0.720106	-1.38868	0.146424	1.74423	1.74423	0.679468	1.15983	1.15983	7.15E-06	0.0290466	-34.4274
cg02806853	CPAMD8	0.00481515	0.836766	0.948909	-1.05384	0.892748	0.966291	-1.03489	0.00364057	0.367899	-2.71813	0.0976214	1.58726	1.58726	0.218465	1.38962	1.38962
cg19061270	CPAMD8	0.0073031	0.189203	1.56812	1.56812	0.0129515	2.712	2.712	0.00183834	0.23905	-4.18322	0.128369	0.587642	-1.70172	0.0464506	0.478197	-2.09119
cg15159987	CPAMD8	0.0353829	0.0409372	0.681916	-1.46646	0.788606	0.957328	-1.04457	0.129326	0.76648	-1.30466	0.303511	0.841187	-1.1888	0.00333698	0.522959	-1.9122
cg26652413	CPAMD8	0.0485933	0.165218	2.07635	2.07635	0.0308432	3.49537	3.49537	0.0523268	0.336479	-2.97195	0.112156	2.34841	2.34841	0.288448	0.580468	-1.72275
cg26361780	CPB1	0.0172388	0.0763349	0.570776	-1.752	0.00211273	0.292531	-3.41844	0.0089141	0.388177	-2.57614	0.668821	1.13018	1.13018	0.147046	1.55666	1.55666
cg18634760	CPB2;CPB2	0.00307709	0.0426194	0.577379	-1.73196	0.00280027	0.379382	-2.63586	0.00034753	0.258279	-3.87178	0.0185533	0.510807	-1.95769	0.448433	0.833787	-1.19935
cg15192986	CPB2;CPB2	0.0294123	0.0144329	0.611515	-1.63528	0.0872168	0.734877	-1.36077	0.00677531	0.564125	-1.77266	0.978571	1.00439	1.00439	0.593241	0.915805	-1.09194
cg26035171	CPD	0.00019562	0.977333	1.00808	1.00808	0.00111441	3.89564	3.89564	0.8614	1.05073	1.05073	9.87E-05	7.08476	7.08476	0.627417	0.870659	-1.14856
cg07383420	CPD	0.00852186	0.0110936	0.282722	-3.53705	0.0086585	0.265121	-3.77187	0.00292717	0.197614	-5.06036	0.00452904	0.223033	-4.48364	0.022025	0.33638	-2.97283
cg26094122	CPD	0.0114848	0.673014	1.18937	1.18937	0.128012	1.95863	1.95863	0.337945	0.667921	-1.49718	0.00347837	5.05406	5.05406	0.815924	0.909126	-1.09996
cg09760387	CPD	0.0265082	0.0047371	0.189061	-5.28929	0.424449	1.43645	1.43645	0.938937	1.0346	1.0346	0.895544	1.06006	1.06006	0.0287834	0.318251	-3.14217
cg07156669	CPD	0.0285581	0.343456	1.50985	1.50985	0.0410133	2.70613	2.70613	0.703015	0.850684	-1.17552	0.0188952	3.32131	3.32131	0.0456122	0.379974	-2.63176
cg17327401	CPE	0.00348892	0.148422	0.781333	-1.27986	0.311957	1.18007	1.18007	0.414978	0.876648	-1.14071	0.89202	1.02162	1.02162	0.000149815	0.324991	-3.07701
cg04728296	CPE	0.00506547	0.0645527	2.78767	2.78767	0.000592566	13.7229	13.7229	0.00131156	10.0695	10.0695	0.339983	1.62511	1.62511	0.140465	2.18797	2.18797
cg15353821	CPE	0.0140666	0.00741682	0.49282	-2.02914	0.0927815	0.684234	-1.46149	0.0164847	0.548197	-1.82416	0.137816	0.720472	-1.38798	0.00376319	0.448293	-2.23068
cg26812418	CPE	0.014984	0.0538821	2.31614	2.31614	0.14612	0.552447	-1.81013	0.292958	1.51093	1.51093	?	?	?	0.00579843	4.13926	4.13926
cg00258409	CPE	0.016509	0.961672	1.01395	1.01395	0.0208232	2.22989	2.22989	0.000698781	4.43928	4.43928	0.325418	1.34007	1.34007	0.579335	1.17518	1.17518
cg11722183	CPE	0.0297773	0.365402	0.756132	-1.32252	0.140972	1.60954	1.60954	0.243942	1.44259	1.44259	0.754775	0.910117	-1.09876	0.00100796	0.230647	-4.33563
cg17785786	CPE	0.0404108	0.0372112	5.0789	5.0789	0.0169945	7.06879	7.06879	0.0239981	6.10546	6.10546	0.314655	2.01105	2.01105	0.462504	1.65291	1.65291
cg25454928	CPE	0.0484783	0.139687	0.563306	-1.77523	0.613727	1.20178	1.20178	0.0619675	2.1361	2.1361	0.82279	0.922191	-1.08437	0.110459	0.533587	-1.87411
cg16534103	CPE;CPE	0.0124539	0.643935	0.94899	-1.05375	0.0614127	0.788946	-1.26751	0.210274	1.16011	1.16011	0.315324	1.12389	1.12389	0.323971	1.12141	1.12141
cg06549863	CPE;MIR1979	0.00330897	0.276017	0.860635	-1.16193	0.0949745	1.2751	1.2751	0.981871	1.00301	1.00301	0.000666101	0.501603	-1.99361	0.00184832	0.556837	-1.79586
cg24319381	CPEB1	0.00390728	0.0111804	1.43408	1.43408	0.245307	0.871276	-1.14774	0.844214	0.977939	-1.02256	0.0039182	1.55308	1.55308	0.822999	1.02573	1.02573
cg24689264	CPEB1	0.00439687	0.617614	1.17456	1.17456	0.807373	1.08122	1.08122	?	?	?	0.419508	1.3017	1.3017	0.0183209	0.400453	-2.49717
cg26565719	CPEB1	0.0112336	0.288182	0.656371	-1.52353	0.89543	0.951029	-1.05149	0.114134	0.518812	-1.92748	0.00991663	0.288271	-3.46896	0.00612407	0.255162	-3.91908
cg03340215	CPEB1	0.0239243	0.547976	1.47035	1.47035	0.205784	2.33111	2.33111	0.0799066	3.42874	3.42874	0.196626	2.37662	2.37662	0.064881	0.268586	-3.7232
cg04140663	CPEB1	0.0243731	0.507634	0.485575	-2.05942	0.0295999	15.6851	15.6851	0.0296266	15.6756	15.6756	0.40307	2.50847	2.50847	0.0650007	0.107855	-9.27174
cg11022060	CPEB1	0.0365824	0.252523	0.555211	-1.80112	0.901983	0.941147	-1.06253	0.744661	1.17455	1.17455	0.267396	0.566204	-1.76615	0.149954	0.467742	-2.13793
cg19349713	CPEB1	0.0406989	0.523858	1.19375	1.19375	0.728943	0.909033	-1.10007	0.23285	0.709654	-1.40914	0.399346	1.26686	1.26686	0.0116643	0.421402	-2.37303
cg25513800	CPEB1	0.0421546	0.281983	1.7238	1.7238	0.0167772	4.14348	4.14348	0.0216635	3.82942	3.82942	0.223284	1.8649	1.8649	0.702008	0.829253	-1.2059
cg07624612	CPEB1	0.042954	0.709573	1.12425	1.12425	0.0255913	0.435916	-2.29402	0.00504091	0.313122	-3.19364	0.847748	0.941601	-1.06202	0.246242	1.46174	1.46174
cg07386898	CPEB1	0.0458121	0.321959	1.84971	1.84971	0.285891	1.94685	1.94685	0.112723	2.82301	2.82301	0.251453	2.05485	2.05485	0.172377	0.417676	-2.3942
cg04184836	CPEB1;CPEB1	0.0172859	0.226238	1.24749	1.24749	0.00307369	2.02445	2.02445	0.00564918	1.88139	1.88139	0.151441	1.30668	1.30668	0.743529	1.0588	1.0588
cg04807004	CPEB1;CPEB1;CPEB1;CPEB1	0.00108498	0.400647	0.931587	-1.07344	0.00129296	1.47136	1.47136	0.000850287	1.51132	1.51132	0.00595453	1.34476	1.34476	0.00714425	1.33131	1.33131
cg08084502	CPEB1;CPEB1;CPEB1;CPEB1	0.00496486	0.0368623	1.18401	1.18401	0.018931	1.21897	1.21897	0.737746	0.976859	-1.02369	0.000691704	1.43445	1.43445	0.00505215	1.29473	1.29473
cg10140906	CPEB1;CPEB1;CPEB1;CPEB1	0.014778	0.0564731	1.40879	1.40879	0.317218	1.17833	1.17833	0.0960744	1.33651	1.33651	0.0707586	1.37777	1.37777	0.0925187	0.745404	-1.34155
cg09400152	CPEB1;CPEB1;CPEB1;CPEB1	0.0177384	0.0157444	0.330758	-3.02336	0.125122	1.86009	1.86009	0.32025	0.681148	-1.46811	0.628678	1.19983	1.19983	0.0181222	0.342011	-2.92388
cg01776825	CPEB1;CPEB1;CPEB1;CPEB1	0.0492969	0.0126227	0.403446	-2.47864	0.0116449	0.39734	-2.51674	0.153706	0.639489	-1.56375	0.0658178	0.546495	-1.82984	0.0365289	0.490996	-2.03667
cg03990998	CPEB2;CPEB2	3.52E-05	0.0771962	0.831221	-1.20305	0.519348	0.940394	-1.06338	0.24659	1.12075	1.12075	0.487184	0.935741	-1.06867	0.171357	0.871953	-1.14685
cg11341307	CPEB2;CPEB2	0.00195444	0.82587	1.03387	1.03387	0.387781	0.874746	-1.14319	0.634235	0.930104	-1.07515	0.411295	0.880727	-1.13543	0.00226885	0.524362	-1.90708
cg16556399	CPEB2;CPEB2	0.00223216	0.541149	1.16848	1.16848	0.0378785	1.83306	1.83306	0.000746849	3.62533	3.62533	0.000640388	3.74037	3.74037	0.97467	1.00802	1.00802
cg24513071	CPEB2;CPEB2	0.00683249	0.841759	1.01392	1.01392	0.00751296	1.2687	1.2687	0.0480267	0.855268	-1.16922	0.0640037	1.15488	1.15488	0.00614622	1.28054	1.28054
cg16092991	CPEB2;CPEB2	0.0419624	0.269616	0.887452	-1.12682	0.0077069	1.42701	1.42701	0.471012	1.07914	1.07914	0.300811	0.894622	-1.11779	0.17496	1.16164	1.16164
cg10967735	CPEB3	0.00350361	0.012188	1.33699	1.33699	0.014731	0.75647	-1.32193	0.923424	1.00898	1.00898	0.669908	0.960916	-1.04067	0.389837	0.921338	-1.08538
cg26426690	CPEB3	0.00523165	0.15666	1.80801	1.80801	0.0010152	6.72258	6.72258	0.008461	3.72165	3.72165	0.0504093	2.39104	2.39104	0.0204633	2.97953	2.97953
cg22591889	CPEB3	0.0199138	0.0156958	0.317902	-3.14562	0.325616	0.675164	-1.48112	0.124831	0.525709	-1.90219	0.133784	0.53482	-1.86979	0.00101855	0.151762	-6.58927
cg23580024	CPEB3	0.0360719	0.0719346	0.202361	-4.94165	0.0301004	7.60369	7.60369	0.2564	2.56556	2.56556	0.957359	0.958366	-1.04344	0.0180181	0.101742	-9.82876
cg16850511	CPEB3;MARCH5	0.00130691	0.00937248	0.629263	-1.58916	0.390418	1.13171	1.13171	0.153482	1.23971	1.23971	0.806037	1.03519	1.03519	9.17E-05	0.374432	-2.67071
cg18409845	CPEB3;MARCH5	0.00299737	0.00044019	0.222477	-4.49486	0.00231382	0.315919	-3.16537	?	?	?	0.221988	1.41552	1.41552	?	?	?
cg05125693	CPEB3;MARCH5	0.00814102	0.0416182	0.727353	-1.37485	0.0119579	1.52958	1.52958	0.0270461	1.42581	1.42581	0.0708147	1.31465	1.31465	0.0836638	1.29622	1.29622
cg18596683	CPEB3;MARCH5	0.0473778	0.124507	0.763391	-1.30994	0.0385835	1.47544	1.47544	0.173873	1.26472	1.26472	0.195299	1.24901	1.24901	0.011684	1.66779	1.66779
cg02351369	CPEB3;MARCH5	0.0483501	0.953774	0.989378	-1.01074	0.16025	0.758549	-1.31831	0.00939317	1.83419	1.83419	0.0851391	0.704241	-1.41997	0.22814	1.2624	1.2624
cg07233933	CPEB4	0.000135084	0.044755	0.611535	-1.63523	0.00157883	2.63416	2.63416	0.507396	1.15438	1.15438	0.926422	1.01991	1.01991	6.86E-05	0.211403	-4.73029
cg08804807	CPEB4	0.000848434	0.228801	1.09121	1.09121	0.443499	0.947436	-1.05548	0.387072	1.06319	1.06319	0.899585	0.991313	-1.00876	0.548399	1.04286	1.04286
cg05947699	CPEB4	0.0015089	0.00648718	0.372428	-2.68508	0.000824704	4.08057	4.08057	0.144619	1.54864	1.54864	0.399116	0.785872	-1.27247	0.371959	0.77424	-1.29159
cg25122699	CPEB4	0.00210029	0.00272579	0.116552	-8.57987	0.00204786	0.104682	-9.55273	0.0403231	0.292207	-3.42223	0.176072	2.11097	2.11097	0.00155993	0.094281	-10.6066
cg18693985	CPEB4	0.00913186	0.14633	0.607347	-1.64651	0.131778	1.68244	1.68244	0.0283742	2.2876	2.2876	0.211453	0.656394	-1.52347	0.887609	1.04626	1.04626
cg16290431	CPEB4	0.0251171	0.670361	1.20391	1.20391	0.981308	0.989897	-1.01021	0.870302	0.931626	-1.07339	0.253776	1.67623	1.67623	0.32144	1.5589	1.5589
cg14454798	CPEB4	0.0310559	0.0142657	0.0910026	-10.9887	0.0316135	0.135531	-7.3784	0.106538	0.247191	-4.04545	0.639513	1.4537	1.4537	0.0938394	0.231977	-4.31078
cg18001443	CPEB4	0.0430529	0.139787	2.09145	2.09145	0.00538775	5.48187	5.48187	0.0402369	3.00601	3.00601	0.0496515	2.82915	2.82915	0.131124	2.13181	2.13181
cg10439144	CPEB4	0.0463623	0.964829	1.01126	1.01126	0.784277	0.932678	-1.07218	0.840449	1.05253	1.05253	0.237975	1.36883	1.36883	0.551778	1.16522	1.16522
cg08847132	CPEB4;CPEB4	0.00109875	0.491158	1.1357	1.1357	0.00199372	2.21273	2.21273	0.00113784	2.38913	2.38913	0.147281	1.32708	1.32708	0.145714	0.752586	-1.32875
cg14747322	CPEB4;CPEB4	0.0159036	0.170026	1.32292	1.32292	0.620844	0.908939	-1.10018	0.942939	1.0138	1.0138	0.099221	1.41349	1.41349	0.0123802	1.81519	1.81519
cg07079724	CPLX1	1.51E-07	7.89E-07	0.286054	-3.49585	0.0167894	0.759083	-1.31738	0.0472104	0.806964	-1.23921	0.000619055	1.64483	1.64483	0.0305839	0.786641	-1.27123
cg24464265	CPLX1	0.000247168	0.00510938	0.27747	-3.60399	0.293232	1.45909	1.45909	0.153548	0.588906	-1.69806	0.468298	0.774376	-1.29136	5.88E-05	0.0759584	-13.1651
cg07434284	CPLX1	0.000687242	0.682901	0.879549	-1.13695	0.0626279	1.92457	1.92457	0.046336	0.49008	-2.04048	0.00248722	3.71976	3.71976	0.469889	1.25827	1.25827
cg18638914	CPLX1	0.000771203	0.0649348	0.474803	-2.10614	0.00247501	4.53604	4.53604	0.551267	1.2419	1.2419	0.00658295	3.55409	3.55409	0.500131	0.781946	-1.27886
cg06672737	CPLX1	0.000931238	0.127174	1.69228	1.69228	0.0460831	2.07288	2.07288	0.46192	1.26978	1.26978	0.143994	1.6497	1.6497	0.0039808	3.43724	3.43724
cg27651229	CPLX1	0.00170201	0.170755	0.5861	-1.70619	0.0573784	2.19753	2.19753	0.206137	1.6298	1.6298	0.0403626	2.3806	2.3806	0.184514	0.597181	-1.67454
cg17265358	CPLX1	0.00251323	0.00029628	0.516724	-1.93527	0.60808	0.943686	-1.05968	0.142784	1.19305	1.19305	0.013118	0.708417	-1.4116	0.0599196	0.788311	-1.26854
cg17855045	CPLX1	0.00256893	0.039277	0.518755	-1.92769	0.129764	0.637373	-1.56894	0.0125087	0.425291	-2.35133	0.480874	1.21796	1.21796	0.000589654	0.232049	-4.30943
cg02133849	CPLX1	0.00600861	0.508871	1.07783	1.07783	0.0322177	1.32382	1.32382	0.121143	1.20679	1.20679	0.0602117	0.788949	-1.26751	0.468029	1.08608	1.08608
cg18419534	CPLX1	0.00649162	0.0519838	0.59074	-1.69279	0.0940855	0.645161	-1.55	0.00245619	0.366764	-2.72655	0.172539	0.707759	-1.41291	0.0015262	0.337448	-2.96342
cg17397631	CPLX1	0.0142304	0.979359	0.983193	-1.01709	0.20015	2.42695	2.42695	0.703602	0.778466	-1.28458	0.00495064	11.4507	11.4507	0.297541	0.492869	-2.02894
cg06219310	CPLX1	0.0162416	0.747902	0.839084	-1.19178	0.0185133	4.73006	4.73006	0.04954	3.38417	3.38417	0.0413835	3.59623	3.59623	0.0339494	0.260048	-3.84545
cg04282298	CPLX1	0.0219188	0.200495	0.596543	-1.67633	0.496622	0.768203	-1.30174	0.515943	0.777517	-1.28615	0.945911	1.02626	1.02626	0.0264861	0.366025	-2.73205
cg13778078	CPLX1	0.0352688	0.0036314	0.177517	-5.63325	0.0847965	0.432904	-2.30998	0.127854	0.485246	-2.06081	0.062465	0.398113	-2.51185	0.115695	0.471839	-2.11937
cg05448404	CPLX1	0.0363536	0.0801085	4.76569	4.76569	0.343399	2.19226	2.19226	0.99787	0.997855	-1.00215	0.17108	3.22848	3.22848	0.0303901	7.74017	7.74017
cg00256675	CPLX1	0.0378612	0.145279	2.16895	2.16895	0.0453381	3.11603	3.11603	0.0111703	4.82749	4.82749	0.0353285	3.36463	3.36463	0.121051	0.435066	-2.2985
cg02151545	CPLX1	0.0423979	0.777079	1.10376	1.10376	0.241115	1.53229	1.53229	0.136932	1.74576	1.74576	0.980216	1.00866	1.00866	0.992213	0.996612	-1.0034
cg02689072	CPLX1	0.045369	0.471183	1.87308	1.87308	0.188399	3.2979	3.2979	0.0288415	9.08642	9.08642	0.441127	1.95925	1.95925	0.0260782	0.104273	-9.59018
cg00713278	CPLX1	0.0486268	0.00326193	0.312431	-3.2007	0.0133617	0.411126	-2.43235	0.0744424	0.561867	-1.77978	0.309421	0.737043	-1.35677	0.0749358	0.562539	-1.77765

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14064229	0.016281	0.334512	-2.98943	0.902626	0.955403	-1.04668	0.218824	1.61942	1.61942	0.153647	1.76724	1.76724	3.8667	8.50853	1.95597	1
cg05504732	0.332129	0.922733	-1.08374	0.69881	0.969234	-1.03174	0.443913	1.06474	1.06474	0.130117	1.14043	1.14043	3.84742	0.39362	0.09094	1
cg10642423	0.0370443	1.24574	1.24574	0.437958	0.93072	-1.07444	0.329386	0.912703	-1.09565	0.0116101	1.33151	1.33151	3.67382	0.479145	0.11593	1
cg00563892	0.187154	0.864397	-1.15688	0.00173175	0.627658	-1.59322	0.242718	1.1359	1.1359	0.15922	1.16977	1.16977	3.53018	0.607402	0.152942	1
cg14576681	0.56225	0.895504	-1.11669	0.000128064	0.285161	-3.50679	0.354201	1.19668	1.19668	0.15784	1.32904	1.32904	7.78661	4.37583	0.499527	1
cg21053474	0.0231694	0.666689	-1.49995	0.00526559	1.73241	1.73241	0.402595	0.879913	-1.13648	0.00029477	0.414521	-2.41242	29.5414	10.4361	0.314019	1
cg10910685	0.564701	0.915811	-1.09193	0.559628	0.914736	-1.09321	0.275938	0.842647	-1.18674	0.246659	0.832761	-1.20082	17.9807	6.49874	0.32127	1
cg07471018	0.000300593	0.205858	-4.85771	0.000138635	0.170271	-5.87298	0.316666	1.32088	1.32088	0.0400333	0.528354	-1.89267	17.2676	19.7655	1.01748	1
cg21472835	0.412999	0.767666	-1.30265	0.000215272	0.142083	-7.03813	0.235966	1.48044	1.48044	0.0657752	0.520874	-1.91985	10.3668	16.386	1.405	1
cg26636590	0.429481	1.14532	1.14532	0.0744424	0.715788	-1.39706	0.129006	1.31783	1.31783	0.00347633	0.513123	-1.94885	9.47328	4.24661	0.398464	1
cg10651502	0.946633	0.990192	-1.00991	0.00117887	0.49622	-2.01524	0.0373496	0.70062	-1.42731	0.0571777	0.728447	-1.37278	8.43737	2.89733	0.305238	1
cg15452017	0.00710331	0.355214	-2.81521	0.00085434	0.225149	-4.4415	0.535146	1.20553	1.20553	0.077692	0.557909	-1.79241	6.64281	9.31858	1.24694	1
cg27299949	0.390699	0.840384	-1.18993	0.00826127	1.94999	1.94999	0.200126	1.30682	1.30682	0.0149713	0.553512	-1.80664	6.03729	3.73803	0.550362	1
cg25463409	0.453234	0.719222	-1.39039	0.000396104	0.0877554	-11.3953	0.423701	1.42256	1.42256	0.440567	0.712293	-1.40392	5.11972	15.0873	2.61947	1
cg12403328	0.275121	0.806386	-1.2401	0.0107919	1.83485	1.83485	0.36346	0.837769	-1.19365	0.932479	1.01619	1.01619	3.83143	2.17971	0.505692	1
cg24831862	0.309068	1.352	1.352	0.00117589	3.91154	3.91154	0.80077	1.07513	1.07513	0.737278	0.90805	-1.10126	6.67023	8.67064	1.15547	1
cg15830530	0.162518	0.62916	-1.58942	0.0835467	0.551436	-1.81345	0.973523	1.01037	1.01037	0.926057	0.971565	-1.02927	4.4575	6.81806	1.35962	1
cg04195581	?	?	?	?	?	?	0.0899658	1.75355	1.75355	0.864177	1.0528	1.0528	12.7346	14.1671	1.27141	1
cg25914270	0.293596	0.909095	-1.1	0.00771849	1.34906	1.34906	0.0205671	1.2764	1.2764	0.254573	0.901164	-1.10968	9.18437	1.1132	0.107738	1
cg25468632	0.81868	0.956474	-1.04551	0.169114	0.752826	-1.32833	0.785865	0.948591	-1.0542	0.114171	1.3952	1.3952	7.82732	4.65624	0.528774	1
cg26603598	0.105568	2.1659	2.1659	0.821138	0.905762	-1.10404	0.0129611	3.84973	3.84973	0.537019	0.760918	-1.3142	5.17377	15.6553	2.68968	1
cg10297721	0.41823	1.09642	1.09642	0.00025522	0.511545	-1.95486	0.971013	1.00405	1.00405	0.0240158	1.34928	1.34928	14.1764	2.78022	0.174325	1
cg10415235	0.00582681	1.36191	1.36191	0.0794585	0.846591	-1.18121	0.9543	1.00491	1.00491	0.699183	1.03378	1.03378	4.95516	0.574329	0.103027	1
cg01726287	0.597384	1.24783	1.24783	0.743524	0.87251	-1.14612	0.103081	0.476775	-2.09743	0.00727361	0.237383	-4.2126	3.75558	10.2631	2.42913	1
cg17439694	0.0113443	1.98338	1.98338	0.010284	2.01245	2.01245	0.329264	1.23465	1.23465	0.0413727	0.605727	-1.65091	9.57422	5.01134	0.52342	1
cg19278448	0.187393	0.63563	-1.57324	0.633021	1.16883	1.16883	0.138717	0.596376	-1.67679	0.00892558	0.339984	-2.94132	7.27068	12.1112	1.48067	1
cg05776336	0.529253	0.818238	-1.22214	0.0598146	0.512526	-1.95112	0.399055	1.31222	1.31222	0.0825014	0.545912	-1.8318	7.11835	11.1674	1.3945	1
cg24876069	0.771262	1.08704	1.08704	0.015754	2.33291	2.33291	0.0337245	2.03391	2.03391	0.104135	0.601291	-1.66309	6.24843	8.11139	1.15391	1
cg20047230	0.0261891	0.72451	-1.38024	0.00272596	0.603162	-1.65793	0.455043	0.91123	-1.09742	0.0611519	1.29406	1.29406	15.2192	3.59775	0.210129	1
cg00747859	0.31425	0.731906	-1.3663	0.668298	0.878738	-1.138	0.110037	0.593119	-1.686	0.857225	1.05549	1.05549	6.65934	9.48533	1.2661	1
cg05426601	0.00128596	2.28647	2.28647	0.00121782	2.30329	2.30329	0.000330803	2.77727	2.77727	0.853411	0.967927	-1.03314	13.2269	6.50707	0.437295	1
cg14761227	0.414737	1.16069	1.16069	0.0131793	1.73204	1.73204	0.104181	0.727952	-1.37372	0.517184	1.12454	1.12454	8.2403	4.16931	0.449748	1
cg21115346	0.476076	1.11594	1.11594	0.15895	1.25596	1.25596	0.235066	0.828288	-1.20731	0.37678	1.14717	1.14717	4.48794	1.62877	0.322598	1
cg02908438	0.606975	0.891802	-1.12132	0.00439433	2.31484	2.31484	0.0497031	1.639	1.639	0.142397	1.41625	1.41625	3.91765	3.02207	0.685687	1
cg20740249	0.00425932	1.69149	1.69149	0.0764245	1.31111	1.31111	0.218411	0.83702	-1.19471	0.232469	0.841916	-1.18777	3.63053	1.08592	0.265874	1
cg08244181	0.151353	1.22587	1.22587	0.00422944	1.66075	1.66075	0.350157	1.13585	1.13585	0.159421	1.22039	1.22039	3.57782	0.994241	0.247014	1
cg16847637	0.0172363	0.525605	-1.90257	0.039307	0.589442	-1.69652	0.203816	1.34622	1.34622	0.218579	1.33223	1.33223	11.5836	9.01487	0.691774	1
cg06143732	0.143673	0.74432	-1.34351	0.105411	0.717145	-1.39442	0.0379011	1.57209	1.57209	0.0770451	1.44701	1.44701	4.64455	2.59828	0.497267	1
cg27568764	0.405555	1.20299	1.20299	0.0719396	1.54694	1.54694	0.498616	0.861407	-1.16089	0.159602	0.721522	-1.38596	7.82566	5.84593	0.664019	1
cg18516150	0.50326	1.26976	1.26976	0.757505	1.11504	1.11504	0.00605591	3.52651	3.52651	0.789938	1.09842	1.09842	4.61943	9.0434	1.74016	1
cg14992633	0.308959	0.888425	-1.12559	0.0380129	1.31029	1.31029	0.143591	0.838141	-1.19312	0.40345	1.10082	1.10082	4.3323	0.866169	0.177718	1
cg01796223	0.906327	1.08647	1.08647	0.00518068	0.0742802	-13.4625	0.350194	0.50791	-1.96885	0.0333322	0.173397	-5.76712	3.57707	28.1182	6.98727	1
cg05009018	0.593634	1.07153	1.07153	0.000468329	2.0248	2.0248	0.348176	1.13191	1.13191	0.679189	0.948048	-1.0548	6.56762	1.71179	0.23168	1
cg22664614	0.0573616	0.35447	-2.82112	0.299253	0.595098	-1.68039	0.121028	0.444363	-2.25041	0.0829046	0.395987	-2.52533	5.20273	19.1785	3.27665	1
cg20917077	0.703088	1.17162	1.17162	0.00838639	0.248365	-4.02633	0.103876	2.08654	2.08654	0.368565	0.682514	-1.46517	4.03389	10.9288	2.40821	1
cg03219611	0.164389	0.744904	-1.34246	0.0081937	1.95729	1.95729	0.283391	1.24763	1.24763	0.047049	0.636876	-1.57016	3.84136	2.39741	0.55476	1
cg17376631	0.0721214	0.58883	-1.69828	0.0128713	2.25894	2.25894	0.450397	0.816346	-1.22497	0.151083	1.50074	1.50074	3.40963	3.75943	0.980082	1
cg21750887	0.00786633	0.380655	-2.62705	0.853624	0.949032	-1.0537	0.315136	1.34206	1.34206	0.0826896	0.580224	-1.72347	13.719	17.4317	1.12944	1
cg10423607	0.0626376	0.30876	-3.23877	0.00018775	0.029162	-34.2912	0.169207	0.439745	-2.27404	0.0147135	0.185586	-5.38835	9.09592	45.328	4.42963	1
cg21860285	0.0330621	0.578427	-1.72883	0.000383701	0.287925	-3.47313	0.1221	0.692062	-1.44496	0.0589469	0.625937	-1.5976	7.04131	5.38109	0.679304	1
cg14782206	0.111607	0.536993	-1.86222	0.996611	0.998477	-1.00153	0.593713	0.824312	-1.21313	0.00207513	0.211066	-4.73785	5.46431	11.1422	1.81252	1
cg16536560	0.938435	1.01887	1.01887	0.0185781	1.9951	1.9951	0.216331	1.37007	1.37007	0.757789	0.927873	-1.07773	5.26098	4.87999	0.824517	1
cg04103837	0.044501	0.577875	-1.73048	0.621204	0.888355	-1.12568	0.0538721	1.68236	1.68236	0.0256994	0.53274	-1.87709	4.93736	4.41705	0.795216	1
cg15955772	0.892924	1.03146	1.03146	0.00882379	2.15297	2.15297	0.691929	0.912471	-1.09593	0.18512	1.38157	1.38157	3.51441	2.94434	0.744703	1
cg09428251	0.109454	0.507733	-1.96954	0.00514714	0.238116	-4.19964	0.720317	1.14985	1.14985	0.09579	0.491387	-2.03506	7.16088	17.1069	2.1235	1
cg25996388	0.413149	1.19645	1.19645	7.66E-07	0.0577351	-17.3205	0.000149394	0.247446	-4.04128	0.0379712	0.597028	-1.67496	31.5913	22.9941	0.646988	1
cg06418475	0.0227178	1.502	1.502	0.0474631	0.71303	-1.40247	0.000789871	2.13106	2.13106	5.16E-05	3.09615	3.09615	16.8494	5.93817	0.313269	1
cg18569070	0.0573439	0.555858	-1.79902	1.15E-05	0.0787989	-12.6905	0.00268339	0.321941	-3.10615	0.17297	0.672938	-1.48602	15.83	18.7047	1.05031	1
cg08274011	0.900299	0.958157	-1.04367	6.56E-06	0.032679	-30.6007	0.001535	0.211275	-4.73316	0.0185549	0.377732	-2.64738	14.2551	26.2567	1.63726	1
cg16903913	0.331328	0.699291	-1.43002	0.209994	0.624091	-1.60233	0.885355	1.05283	1.05283	0.678803	1.16021	1.16021	12.9071	26.0337	1.79289	1
cg02806853	0.0378728	1.84414	1.84414	0.00660698	2.45064	2.45064	0.00259935	0.346258	-2.88802	0.521973	1.17936	1.17936	7.42338	7.59695	0.909672	1
cg19061270	0.162358	0.617241	-1.62011	0.0693886	0.51838	-1.92909	0.0183893	0.396434	-2.52249	0.0530498	0.491127	-2.03613	6.52814	10.8171	1.47289	1
cg15159987	0.379557	0.863916	-1.15752	0.127131	1.30699	1.30699	0.0966481	0.743814	-1.34442	0.0322069	0.665599	-1.50241	3.85192	1.60648	0.37072	1
cg26652413	0.893474	1.06836	1.06836	0.092156	0.400526	-2.49672	0.385735	1.55098	1.55098	0.0511196	2.99329	2.99329	3.42501	13.2145	3.42955	1
cg26361780	0.156111	1.53956	1.53956	0.407433	1.27251	1.27251	0.551493	0.842534	-1.1869	0.593532	0.857953	-1.16557	4.94633	6.33575	1.13858	1
cg18634760	0.564835	1.14676	1.14676	0.0384501	1.75823	1.75823	0.526712	1.16291	1.16291	0.0388572	0.56963	-1.75552	8.49388	7.44833	0.779471	1
cg15192986	0.0198807	1.58182	1.58182	0.759554	1.05135	1.05135	0.974918	1.00514	1.00514	0.842518	0.968072	-1.03298	4.11561	1.73457	0.374633	1
cg26035171	0.000162213	6.18965	6.18965	0.775849	0.922343	-1.0842	0.993441	1.00233	1.00233	3.40E-05	9.70902	9.70902	18.4818	23.4718	1.12889	1
cg07383420	0.0400916	0.390223	-2.56264	0.21941	0.599107	-1.66915	0.634378	1.20931	1.20931	0.00917001	0.269119	-3.71583	6.21897	15.4994	2.21536	1
cg26094122	0.00197806	5.963	5.963	0.659076	1.19889	1.19889	0.941914	0.970667	-1.03022	0.00493173	4.57897	4.57897	5.65327	14.9452	2.3499	1
cg09760387	0.920371	0.956575	-1.0454	0.00807307	0.221706	-4.51048	0.613348	1.25387	1.25387	0.189094	1.85467	1.85467	4.26907	13.3287	2.77525	1
cg07156669	0.0602122	2.44694	2.44694	0.13101	0.502392	-1.99048	0.164865	0.534986	-1.86921	0.095818	2.16466	2.16466	4.15874	11.739	2.50909	1
cg17327401	0.201354	1.23896	1.23896	0.00256431	0.499125	-2.00351	0.0308993	0.664065	-1.50588	0.154422	0.784603	-1.27453	9.59395	3.68838	0.299016	1
cg04728296	0.020606	3.96241	3.96241	0.00298351	7.4747	7.4747	0.0191017	4.05729	4.05729	0.0860311	2.55143	2.55143	7.3095	28.2238	3.43222	1
cg15353821	0.136327	0.719439	-1.38997	0.150512	1.37185	1.37185	0.169414	1.35029	1.35029	0.198769	0.756839	-1.32129	5.29162	3.52757	0.592563	1
cg26812418	?	?	?	0.0622188	2.23556	2.23556	0.0645048	2.21581	2.21581	0.0329698	0.382235	-2.61619	6.04774	10.3201	1.70644	1
cg00258409	0.483538	0.814433	-1.22785	0.221634	0.690505	-1.44822	0.163333	0.651231	-1.53555	0.436084	1.25741	1.25741	5.01837	6.60506	1.16994	1
cg11722183	?	?	?	0.59849	0.85238	-1.17319	0.963055	1.01402	1.01402	0.957884	0.984251	-1.016	4.16667	5.29986	1.27197	1
cg17785786	0.137286	2.93116	2.93116	0.00512122	12.0006	12.0006	0.034643	5.23306	5.23306	0.0992036	3.36835	3.36835	3.66929	26.237	6.35593	1
cg25454928	0.124403	0.548375	-1.82357	0.0171996	0.350527	-2.85285	0.0155104	0.342287	-2.92152	0.740103	0.88673	-1.12774	3.42809	7.08026	1.83588	1
cg16534103	0.109976	0.822028	-1.2165	0.00434409	0.651345	-1.53528	0.00948361	1.44736	1.44736	0.0489061	1.28785	1.28785	5.50666	1.10362	0.178147	1
cg06549863	0.852202	1.02501	1.02501	0.0105642	1.53114	1.53114	0.223929	1.18439	1.18439	0.230641	0.846571	-1.18124	8.31205	2.30949	0.246976	1
cg24319381	0.00470401	1.53102	1.53102	0.287613	0.882329	-1.13336	0.00203533	0.610675	-1.63753	0.483581	1.08408	1.08408	7.90816	1.61034	0.181005	1
cg24689264	0.278268	0.697401	-1.4339	0.000119085	0.116299	-8.59855	0.857357	1.0592	1.0592	0.0723077	0.526695	-1.89863	7.79651	11.2158	1.43857	1
cg26565719	0.0134799	0.311018	-3.21525	0.00126377	0.165837	-6.03003	0.465863	1.32758	1.32758	0.674391	0.851002	-1.17508	5.6938	13.1471	2.05246	1
cg03340215	0.178	2.47829	2.47829	0.008772	8.30321	8.30321	0.00648665	9.42867	9.42867	0.0263216	5.31525	5.31525	4.42423	28.1736	5.66045	1
cg04140663	0.377954	0.37822	-2.64396	0.279485	3.3482	3.3482	0.00533216	51.6935	51.6935	0.0760667	8.34476	8.34476	4.39584	80.4227	16.2624	1
cg11022060	0.0497455	0.332244	-3.00984	0.0082933	0.189847	-5.26741	0.0139052	4.46377	4.46377	0.80113	1.1323	1.1323	3.80556	14.6075	3.41197	1
cg19349713	0.704013	0.900645	-1.11032	0.013643	0.433241	-2.30818	0.120259	1.58732	1.58732	0.0376736	0.51635	-1.93667	3.65969	4.35658	1.05816	1
cg25513800	0.0352354	3.30175	3.30175	0.0140869	4.37505	4.37505	0.0211172	3.85957	3.85957	0.139842	2.16776	2.16776	3.6124	13.5707	3.33929	1
cg07624612	0.779637	1.09178	1.09178	0.0271701	0.441063	-2.26725	0.902443	1.03914	1.03914	0.17842	0.639166	-1.56454	3.58728	5.56824	1.37975	1
cg07386898	0.267891	2.00115	2.00115	0.00611437	8.5922	8.5922	0.019896	5.41661	5.41661	0.0340873	4.42203	4.42203	3.50197	20.0398	5.08661	1
cg04184836	0.15598	0.767861	-1.30232	0.65631	1.08106	1.08106	0.0698613	0.702737	-1.42301	0.643346	0.92206	-1.08453	4.94181	2.37039	0.426365	1
cg04807004	0.00876442	0.759563	-1.31655	0.558684	1.04992	1.04992	0.016564	0.785764	-1.27265	0.164774	1.12984	1.12984	11.4971	1.23553	0.0955234	1
cg08084502	0.449054	0.947674	-1.05522	0.0640174	0.865008	-1.15606	0.646084	1.03274	1.03274	0.0238682	1.20662	1.20662	7.35441	0.565355	0.0683315	1
cg10140906	0.827492	1.03524	1.03524	0.0308861	0.668796	-1.49522	0.052517	1.41891	1.41891	0.00312747	1.89891	1.89891	5.20628	2.07703	0.35462	1
cg09400152	0.11829	1.88518	1.88518	0.00306321	0.219567	-4.55442	0.523429	0.785242	-1.27349	0.672471	0.853016	-1.17231	4.89917	10.8454	1.96776	1
cg01776825	0.18949	0.66576	-1.50204	0.016608	0.42475	-2.35432	0.546908	0.836573	-1.19535	0.722584	0.900919	-1.10998	3.40641	4.62247	1.20622	1
cg03990998	2.01E-05	0.444006	-2.25222	8.57E-07	0.291272	-3.43322	0.39583	1.08525	1.08525	0.993206	0.999199	-1.0008	29.2112	4.09536	0.12462	1
cg11341307	0.505333	0.902866	-1.10758	0.000119634	2.7645	2.7645	0.0798899	1.3415	1.3415	0.0450726	1.4157	1.4157	9.70682	3.51347	0.321741	1
cg16556399	0.0461969	1.77703	1.77703	0.013625	2.15581	2.15581	0.000427363	4.0698	4.0698	0.0631399	1.6923	1.6923	9.33754	9.36938	0.891921	1
cg24513071	0.0324601	1.18909	1.18909	0.00721394	0.786735	-1.27108	0.931287	1.00598	1.00598	0.278121	1.08114	1.08114	6.66523	0.505135	0.0673659	1
cg16092991	0.384877	1.09695	1.09695	0.021411	0.750428	-1.33257	0.285132	0.89109	-1.12222	0.29537	1.1193	1.1193	3.61853	0.618227	0.151867	1
cg10967735	0.205256	1.13231	1.13231	0.000234472	1.76319	1.76319	0.0204253	1.29664	1.29664	0.820146	0.97905	-1.0214	8.17128	1.11872	0.121696	1
cg26426690	0.00264357	5.08469	5.08469	0.371091	1.43192	1.43192	0.00163433	5.83368	5.83368	0.0264372	2.79774	2.79774	7.2377	17.5164	2.15126	1
cg22591889	0.366544	0.698371	-1.4319	0.0167748	0.323158	-3.09446	0.812615	0.912193	-1.09626	0.0228065	0.348396	-2.8703	4.71147	11.1758	2.10848	1
cg23580024	0.0410878	0.153423	-6.51793	0.115454	0.256394	-3.90025	0.275025	2.46754	2.46754	0.895234	1.11047	1.11047	3.82506	38.3195	8.9049	1
cg16850511	0.0554426	1.35693	1.35693	0.0288663	1.43663	1.43663	0.0783143	1.31651	1.31651	0.0492688	1.37098	1.37098	10.9025	3.41327	0.278287	1
cg18409845	0.540192	1.1828	1.1828	0.311551	0.753188	-1.32769	0.099134	1.6314	1.6314	0.492579	1.20765	1.20765	8.99192	8.11862	1.03186	1
cg05125693	0.00973103	1.55762	1.55762	0.0709657	0.760793	-1.31442	0.0470509	0.734902	-1.36072	0.294012	1.15894	1.15894	6.30934	1.83528	0.258563	1
cg18596683	0.862056	0.972163	-1.02863	0.196955	0.801367	-1.24787	0.102156	1.33695	1.33695	0.111369	1.32514	1.32514	3.45796	1.44318	0.370978	1
cg02351369	0.373933	0.845253	-1.18308	0.143294	1.33606	1.33606	0.698345	0.930775	-1.07437	0.048904	1.51322	1.51322	3.43153	1.84408	0.477682	1
cg07233933	0.00922013	0.493837	-2.02496	0.000523585	3.17093	3.17093	0.000885941	2.89584	2.89584	0.00882977	0.49085	-2.03728	20.4249	14.7395	0.641463	1
cg08804807	0.125829	0.891831	-1.12129	3.26E-05	0.57237	-1.74712	0.749191	1.02242	1.02242	0.0011511	1.3912	1.3912	12.3263	0.932467	0.0672433	1
cg05947699	0.850372	1.05413	1.05413	0.193295	0.680952	-1.46853	0.000218944	5.58398	5.58398	0.932696	1.02386	1.02386	10.4618	12.9101	1.09692	1
cg25122699	0.243366	0.53044	-1.88523	0.000880737	0.0750456	-13.3252	0.00366393	0.129914	-7.69743	0.070962	0.350698	-2.85145	9.50528	40.6138	3.79801	1
cg18693985	0.16223	1.61156	1.61156	0.723181	0.892494	-1.12046	0.000355018	6.25837	6.25837	0.420086	0.768409	-1.30139	6.08421	9.85471	1.43975	1
cg16290431	0.863287	1.07756	1.07756	0.303203	1.5876	1.5876	0.000344607	12.1419	12.1419	0.109582	2.12993	2.12993	4.35016	12.9426	2.64463	1
cg14454798	0.231965	0.370028	-2.7025	0.0051394	0.053344	-18.7462	0.0176914	0.101471	-9.85502	0.0736258	0.20564	-4.86287	4.03683	40.2099	8.85399	1
cg18001443	0.0991048	2.31553	2.31553	0.0782393	2.48073	2.48073	0.0164998	3.89777	3.89777	0.0350669	3.12781	3.12781	3.58421	12.2425	3.03614	1
cg10439144	0.615798	1.13713	1.13713	0.00229272	0.338686	-2.95259	0.102907	1.5733	1.5733	0.109313	1.5581	1.5581	3.48629	3.56189	0.908163	1
cg08847132	0.000431358	0.363023	-2.75465	0.0431468	0.654837	-1.5271	0.221499	1.26344	1.26344	0.102365	1.38442	1.38442	11.456	6.00786	0.466161	1
cg14747322	0.0939026	1.42291	1.42291	0.0359468	0.626735	-1.59557	0.00224879	2.26807	2.26807	0.124453	1.37509	1.37509	5.08119	2.95063	0.516175	1
cg07079724	0.00307866	0.682024	-1.46622	1.19E-07	4.93888	4.93888	1.94E-07	0.223118	-4.48193	2.73E-06	2.89792	2.89792	118.516	16.7457	0.125596	1
cg24464265	0.413922	0.748705	-1.33564	1.97E-05	0.049909	-20.0365	0.0569054	2.10989	2.10989	0.0397351	0.438706	-2.27943	17.3437	32.9815	1.69034	1
cg07434284	0.000198198	7.0546	7.0546	0.124749	1.68089	1.68089	0.955142	0.982576	-1.01773	8.21E-05	9.18589	9.18589	13.0782	20.2253	1.37467	1
cg18638914	0.128289	1.80546	1.80546	0.000190704	9.57863	9.57863	0.498771	0.781317	-1.27989	0.000209117	9.293	9.293	12.662	25.8993	1.81817	1
cg06672737	0.0177882	2.50671	2.50671	1.27E-05	18.714	18.714	0.00960514	2.84497	2.84497	0.285373	1.42457	1.42457	12.0063	19.3395	1.43179	1
cg27651229	0.054548	2.22298	2.22298	0.000319559	8.44728	8.44728	0.0954029	0.511187	-1.95623	0.000444401	7.61702	7.61702	10.1043	21.4692	1.88867	1
cg17265358	0.611591	0.944229	-1.05906	0.0236456	1.3536	1.3536	0.42415	0.912588	-1.09578	0.00226359	0.619575	-1.61401	9.01802	1.79351	0.176783	1
cg17855045	0.059646	0.557155	-1.79483	0.00017176	0.172593	-5.79399	0.319125	0.753269	-1.32755	0.0278112	0.488933	-2.04527	8.95998	10.7465	1.06612	1
cg02133849	0.0219272	1.35999	1.35999	0.000517599	0.545695	-1.83253	0.275348	0.880806	-1.13532	0.964819	1.00495	1.00495	6.93609	1.37399	0.176083	1
cg18419534	0.147494	0.69072	-1.44776	0.0188502	0.507985	-1.96856	0.0260749	1.87509	1.87509	0.177317	0.710797	-1.40687	6.77208	6.07959	0.797994	1
cg17397631	0.0651288	3.88323	3.88323	0.683961	1.30751	1.30751	0.48629	1.58956	1.58956	0.000764265	28.2251	28.2251	5.2715	35.8346	6.04249	1
cg06219310	0.982688	0.988265	-1.01187	0.00964815	0.168288	-5.9422	0.108385	2.59312	2.59312	0.51314	1.43451	1.43451	5.04576	23.6537	4.16696	1
cg04282298	0.0995221	1.9932	1.9932	0.00223778	0.194892	-5.13104	0.851381	0.93085	-1.07429	0.0466625	2.38761	2.38761	4.55972	10.5408	2.05486	1
cg13778078	0.647683	1.22397	1.22397	0.0105682	0.243484	-4.10704	0.575228	1.28234	1.28234	0.374481	0.670041	-1.49245	3.85643	11.7846	2.71629	1
cg05448404	0.02969	7.83128	7.83128	0.00372536	23.348	23.348	0.0217798	9.15562	9.15562	0.0500147	6.03305	6.03305	3.81426	39.0673	9.10439	1
cg00256675	0.30749	1.68702	1.68702	0.344739	0.617681	-1.61896	0.0377584	3.2964	3.2964	0.972619	1.01714	1.01714	3.75816	14.5873	3.45021	1
cg02151545	0.0751385	0.501985	-1.99209	0.00329835	0.248541	-4.02349	0.159458	1.68686	1.68686	0.317075	1.43289	1.43289	3.60469	6.90508	1.70274	1
cg02689072	0.973629	1.02871	1.02871	0.0164924	0.0813971	-12.2855	0.246913	2.81975	2.81975	0.849427	0.84982	-1.17672	3.51476	40.8083	10.3205	1
cg00713278	0.727636	0.903557	-1.10674	0.0838099	0.574076	-1.74193	0.589083	0.853693	-1.17138	0.125328	0.618041	-1.61801	3.42412	4.56267	1.18445	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10312572	CPLX2	0.00501445	0.453651	0.919968	-1.08699	0.119485	1.20276	1.20276	0.00078545	1.74153	1.74153	0.00150439	1.6484	1.6484	0.573494	1.06413	1.06413
cg22776578	CPLX2	0.00693469	0.156687	0.828442	-1.20709	0.495499	0.917609	-1.08979	0.000308691	2.06999	2.06999	0.0385804	0.742531	-1.34675	0.565073	0.930291	-1.07493
cg04620298	CPLX2	0.0139695	0.00972245	0.293792	-3.40377	0.00251692	0.207786	-4.81265	0.721237	0.874431	-1.1436	0.21453	0.613006	-1.63131	0.038853	0.408303	-2.44916
cg04446284	CPLX2	0.0141653	0.166704	0.691116	-1.44693	0.000743855	3.60734	3.60734	0.718045	1.09511	1.09511	0.841371	0.951027	-1.05149	0.346046	0.784147	-1.27527
cg14648916	CPLX2	0.0179783	0.275878	0.820028	-1.21947	0.0837673	0.715344	-1.39793	0.0457754	1.49308	1.49308	0.780777	0.952335	-1.05005	0.026378	0.630684	-1.58558
cg15622912	CPLX2	0.0436032	0.459555	0.750286	-1.33282	0.00182926	5.41625	5.41625	0.182931	1.7146	1.7146	0.478169	0.759484	-1.31668	0.88316	1.05771	1.05771
cg13564889	CPLX2;CPLX2	0.0055981	0.00204293	0.457575	-2.18544	0.000842951	0.405358	-2.46696	0.90529	0.978819	-1.02164	0.443858	0.869005	-1.15074	0.0145457	0.581955	-1.71835
cg14678099	CPLX2;CPLX2	0.00785226	0.980995	1.00713	1.00713	0.240575	0.693264	-1.44245	0.128032	1.63326	1.63326	0.0221529	0.441385	-2.2656	0.100055	0.584324	-1.71138
cg23495748	CPLX2;CPLX2	0.017719	0.106273	0.583927	-1.71254	0.317853	0.72986	-1.37013	0.444374	0.788351	-1.26847	0.946722	0.979824	-1.02059	0.00188838	0.260965	-3.83192
cg01450705	CPLX2;CPLX2	0.0224451	0.224534	1.61043	1.61043	0.159338	1.75634	1.75634	0.938789	1.02888	1.02888	0.00510041	0.237964	-4.20232	0.806101	0.912847	-1.09547
cg22988198	CPLX2;CPLX2	0.0234811	0.0382401	3.14684	3.14684	0.735769	0.850714	-1.17548	0.868606	1.08224	1.08224	0.233566	1.81514	1.81514	0.0515457	2.88024	2.88024
cg12578615	CPLX2;CPLX2	0.0275439	0.00806249	0.660158	-1.51479	0.0766768	0.785886	-1.27245	0.224138	0.855333	-1.16913	0.106288	0.805871	-1.24089	0.591531	0.935863	-1.06853
cg16460727	CPLX2;CPLX2	0.0352959	0.0174306	0.343662	-2.90983	0.542722	1.25529	1.25529	0.103162	1.9306	1.9306	0.171002	1.71241	1.71241	0.0403868	0.417407	-2.39575
cg06833732	CPLX2;CPLX2	0.0412199	0.234878	1.22238	1.22238	0.595181	1.09034	1.09034	0.000829424	2.25182	2.25182	0.87403	1.02592	1.02592	0.541248	1.10488	1.10488
cg26121591	CPLX2;CPLX2;CPLX2	0.00195833	0.674512	1.23997	1.23997	0.392389	0.63926	-1.56431	4.89E-05	0.0132046	-75.7313	0.813765	0.886836	-1.1276	?		?
cg16025094	CPLX2;CPLX2;CPLX2	0.00482802	0.031256	0.609936	-1.63952	0.167232	0.749736	-1.3338	0.439808	0.857158	-1.16665	0.465082	0.864638	-1.15655	0.000204551	0.295977	-3.37865
cg04235071	CPLX3	0.00160731	0.00616587	3.64368	3.64368	0.000444622	0.134512	-7.4343	0.0127508	0.326288	-3.06478	0.0552921	2.19527	2.19527	0.00102038	0.171574	-5.8284
cg06852350	CPLX3	0.00452417	0.024708	0.465418	-2.1486	0.000405957	0.200437	-4.98911	0.0118035	0.406866	-2.45781	0.571022	0.848961	-1.17791	0.00298158	0.311849	-3.20668
cg04636748	CPLX3;LMAN1L	0.00581231	0.287902	1.26645	1.26645	0.933406	1.01805	1.01805	0.231199	1.30848	1.30848	0.887891	1.03066	1.03066	0.0251452	0.56543	-1.76857
cg13238909	CPLX4	4.39E-05	0.00145521	0.277664	-3.60148	0.268921	0.725554	-1.37826	6.60E-05	0.13014	-7.68401	0.0206448	0.459951	-2.17414	0.00116506	0.264873	-3.77539
cg27535687	CPLX4	0.00017746	0.114148	0.634419	-1.57625	0.184644	1.45145	1.45145	0.000425547	0.228209	-4.38195	0.0340523	0.519429	-1.92519	0.0036621	0.353275	-2.83066
cg21013983	CPLX4	0.000535464	0.00109806	0.32991	-3.03113	0.00443082	0.416928	-2.3985	0.000105719	0.206543	-4.84161	0.203368	0.73395	-1.36249	0.327311	0.79219	-1.26232
cg16862624	CPLX4	0.000815421	0.424848	0.930408	-1.0748	0.991577	1.00093	1.00093	0.371817	1.08454	1.08454	3.54E-05	0.493291	-2.0272	0.270512	1.10688	1.10688
cg13749420	CPLX4	0.000988536	0.0142313	0.387913	-2.5779	0.092317	0.559788	-1.78639	0.00113289	0.223153	-4.48123	0.0968487	0.565101	-1.7696	0.0011187	0.222475	-4.49489
cg03110300	CPLX4	0.00196368	0.000539548	0.21952	-4.5554	0.176011	0.666726	-1.49987	0.00290811	0.315686	-3.16771	0.00201894	0.293108	-3.41171	0.00138728	0.27092	-3.69113
cg19361269	CPLX4	0.00238375	0.472492	0.830388	-1.20426	0.747292	0.921062	-1.0857	0.000119732	0.180753	-5.53242	0.0187436	0.484574	-2.06367	0.0573352	0.578765	-1.72782
cg05051976	CPM	0.00107991	0.0234009	0.739168	-1.35287	0.00531909	1.50654	1.50654	0.00141011	0.59701	-1.67501	0.238091	1.14786	1.14786	0.000934331	0.576268	-1.7353
cg02266731	CPM	0.00817752	0.232998	1.25239	1.25239	0.320241	0.831247	-1.20301	0.0935763	0.717576	-1.39358	0.0756128	0.700534	-1.42748	0.250977	1.24092	1.24092
cg05209514	CPM	0.0216175	0.0232977	0.213551	-4.68273	0.00117859	0.0665317	-15.0304	0.0668636	0.310398	-3.22167	0.253257	0.506884	-1.97284	0.0131615	0.173677	-5.75781
cg09105193	CPM;CPM;CPM	2.52E-05	0.783562	0.935563	-1.06887	0.0386551	1.78485	1.78485	0.867787	1.04113	1.04113	0.4791	0.840252	-1.19012	0.770931	0.931813	-1.07318
cg25778262	CPM;CPM;CPM	5.51E-05	0.975133	1.00555	1.00555	0.921613	0.98267	-1.01764	0.628946	0.917154	-1.09033	0.367964	1.1785	1.1785	0.704244	0.934507	-1.07008
cg27076669	CPM;CPM;CPM	0.00227222	0.836331	1.08688	1.08688	0.289843	1.5565	1.5565	0.865306	1.07076	1.07076	0.427266	1.38602	1.38602	0.485616	0.751748	-1.33023
cg18771034	CPM;CPM;CPM	0.00399746	0.0418369	1.45494	1.45494	0.0295161	0.66386	-1.50634	0.00144071	0.478881	-2.0882	0.103742	0.752471	-1.32896	0.173588	0.793396	-1.2604
cg26517140	CPM;CPM;CPM	0.0123475	0.631154	0.936302	-1.06803	0.106943	1.27056	1.27056	0.605492	0.931561	-1.07347	0.29664	0.863094	-1.15862	0.000287688	0.447007	-2.2371
cg21548096	CPM;CPM;CPM	0.0271143	0.342764	0.760632	-1.3147	0.113247	1.62008	1.62008	0.160178	1.52201	1.52201	0.674926	0.888631	-1.12533	0.00567684	0.362162	-2.76119
cg05391255	CPM;CPM;CPM	0.0443536	0.0177686	1.8676	1.8676	0.890615	0.970619	-1.03027	0.922288	1.02137	1.02137	0.0512414	1.61783	1.61783	0.0109605	1.99744	1.99744
cg08748969	CPM;CPM;CPM	0.0491267	0.313543	1.50207	1.50207	0.00316793	4.82362	4.82362	0.260499	1.58104	1.58104	0.266658	1.57101	1.57101	0.229745	0.611483	-1.63537
cg02250046	CPN1	1.04E-05	2.17E-05	2.91751	2.91751	0.0118801	1.48262	1.48262	0.88538	1.01825	1.01825	0.000353595	0.48694	-2.05364	2.66E-06	4.12828	4.12828
cg16631199	CPN1	0.000257586	0.00141992	0.327908	-3.04963	0.0573969	0.595082	-1.68044	0.0048187	0.405292	-2.46735	0.000277885	0.237764	-4.20585	7.71E-06	0.0933882	-10.708
cg03201262	CPN1	0.000716381	0.00754313	0.551956	-1.81174	0.935005	1.0142	1.0142	1.84E-05	0.22092	-4.52653	0.275628	0.821968	-1.21659	0.643219	0.92253	-1.08398
cg22534585	CPN1	0.00148924	0.140171	0.728053	-1.37353	0.00236136	0.42819	-2.33541	0.000290469	0.306746	-3.26003	0.692676	1.08268	1.08268	0.000611002	0.347935	-2.8741
cg19780571	CPN1	0.00314095	0.0266454	0.328367	-3.04538	0.0173856	0.292953	-3.41352	0.00953479	0.248606	-4.02242	0.130316	0.500232	-1.99907	0.00329811	0.183235	-5.45748
cg02460314	CPN1	0.00640809	0.250152	0.746135	-1.34024	0.203504	0.721027	-1.38691	0.000312435	0.240638	-4.15561	0.113615	0.657369	-1.52122	0.00556051	0.411645	-2.42928
cg24302646	CPN1	0.0087594	0.37399	0.893359	-1.11937	0.442849	1.10151	1.10151	0.338142	0.885136	-1.12977	0.014916	0.690771	-1.44766	0.0818854	0.788017	-1.26901
cg25833003	CPN1	0.0156348	0.101656	0.386446	-2.58768	0.26015	0.536236	-1.86485	0.020316	0.226675	-4.4116	0.310071	0.572758	-1.74594	0.00670244	0.154774	-6.46103
cg19754520	CPN1	0.0158448	0.00315809	5.42923	5.42923	0.09227	2.17538	2.17538	0.0353066	2.79581	2.79581	0.39152	0.691968	-1.44515	0.939137	0.968479	-1.03255
cg23197945	CPN1	0.0191907	0.0178804	0.200156	-4.99609	0.120808	2.56073	2.56073	0.0755103	0.33094	-3.02169	0.345501	0.581003	-1.72116	0.00471466	0.122637	-8.15417
cg23247504	CPN1	0.0209828	0.366177	1.28248	1.28248	0.00256398	3.06707	3.06707	0.808044	0.936854	-1.0674	0.737571	1.0943	1.0943	0.43493	1.23799	1.23799
cg19015686	CPN1	0.0489069	0.850471	1.06313	1.06313	0.0156092	0.382257	-2.61604	0.0379189	0.458087	-2.18299	0.305111	1.41123	1.41123	0.0289756	0.433845	-2.30497
cg06024295	CPN1;CPN1	0.00264515	0.000830782	0.212144	-4.71378	0.533409	1.21454	1.21454	0.0547376	0.511012	-1.9569	0.598382	1.17795	1.17795	0.000233069	0.152415	-6.56102
cg16409039	CPN1;CPN1	0.0128876	0.00868865	0.26151	-3.82395	0.620058	1.22194	1.22194	0.0581821	0.423735	-2.35996	0.155166	0.543291	-1.84064	0.0010528	0.143184	-6.98403
cg20375415	CPN2	0.00920754	0.6205	0.935853	-1.06854	0.849639	1.02553	1.02553	0.685835	0.947417	-1.0555	0.0678768	1.31211	1.31211	0.153839	1.22483	1.22483
cg20141824	CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;RBM12;CPNE1	0.000509838	0.0440092	0.517366	-1.93287	0.00135542	0.265861	-3.76136	0.071579	0.563882	-1.77342	0.337584	1.32513	1.32513	4.08E-05	0.107648	-9.28953
cg11826008	CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;CPNE1;RBM12	0.0490351	0.00673537	0.216624	-4.61629	0.719205	1.17021	1.17021	0.540271	0.763437	-1.30987	0.421618	0.699488	-1.42962	0.0457003	0.368842	-2.71119
cg23207816	CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;CPNE1;RBM12	0.0491814	0.343138	0.680414	-1.46969	0.104915	0.497252	-2.01105	0.65449	1.19435	1.19435	0.263617	1.58321	1.58321	0.0234069	0.343773	-2.9089
cg18015496	CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;RBM12;CPNE1;CPNE1	3.76E-05	0.00162339	0.527481	-1.8958	7.39E-06	0.24704	-4.04793	0.10629	0.778969	-1.28375	0.703115	1.05573	1.05573	0.0255639	1.45601	1.45601
cg22087367	CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;RBM12;CPNE1;CPNE1	0.00378629	0.0560677	1.22468	1.22468	0.410428	0.924187	-1.08203	0.108989	1.17787	1.17787	0.353993	1.09343	1.09343	0.0162192	0.759273	-1.31705
cg01094251	CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;RBM12;CPNE1;CPNE1	0.0429312	0.0555172	0.420109	-2.38034	0.925483	1.03809	1.03809	0.834187	0.91964	-1.08738	0.176755	1.77508	1.77508	0.0116117	0.283412	-3.52843
cg05674659	CPNE2	0.00535294	0.0354348	0.513858	-1.94606	0.0372419	1.92976	1.92976	0.162819	1.49936	1.49936	0.983534	0.994405	-1.00563	0.756954	1.08806	1.08806
cg00152942	CPNE2	0.00896405	0.0362244	0.425452	-2.35044	0.031348	0.412216	-2.42591	0.0218441	0.38074	-2.62646	0.18524	0.610782	-1.63725	0.00601282	0.283756	-3.52416
cg08696890	CPNE2	0.0136541	0.026951	1.42143	1.42143	0.105928	0.788951	-1.26751	0.0593268	0.751442	-1.33077	0.287611	0.862254	-1.15975	0.0540107	1.34124	1.34124
cg07262506	CPNE2	0.024021	0.00366582	0.277529	-3.60323	0.0306012	0.436563	-2.29062	0.861381	1.05868	1.05868	0.145945	1.6641	1.6641	0.0194124	0.397695	-2.51449
cg02290969	CPNE2	0.0290057	0.186268	0.636975	-1.56992	0.0169452	0.391627	-2.55345	0.0559888	0.498177	-2.00732	0.0958575	0.555039	-1.80167	0.00803613	0.335194	-2.98334
cg04391957	CPNE2	0.041535	0.317698	0.859333	-1.16369	0.916934	0.984804	-1.01543	0.00182471	0.521938	-1.91594	0.415813	0.885083	-1.12984	0.505287	0.905543	-1.10431
cg07999887	CPNE3	0.000881428	0.428129	1.41529	1.41529	0.390069	1.45957	1.45957	0.0923819	2.21502	2.21502	0.19037	1.81376	1.81376	0.9896	0.99442	-1.00561
cg22899037	CPNE3	0.00490248	0.101399	0.712541	-1.40343	0.322112	0.824253	-1.21322	0.0048972	0.494304	-2.02305	0.769244	0.945929	-1.05716	0.000239217	0.316885	-3.15572
cg21418118	CPNE3	0.042122	0.656134	1.05105	1.05105	0.0210159	1.36131	1.36131	0.0323967	1.32089	1.32089	0.22103	1.15366	1.15366	0.506363	1.07779	1.07779
cg22603934	CPNE3	0.0430986	?	?	?	0.7497	1.27489	1.27489	0.0335773	8.10828	8.10828	0.331227	0.460785	-2.17021	0.0861934	4.64457	4.64457
cg10473004	CPNE3;CPNE3	0.00553824	0.925049	0.983442	-1.01684	0.171304	0.77225	-1.29492	0.47546	1.13742	1.13742	0.566375	1.10832	1.10832	0.130649	0.748532	-1.33595
cg02340846	CPNE3;CPNE3	0.0112833	0.000853008	0.13194	-7.57922	0.254929	1.61677	1.61677	0.034916	0.370253	-2.70086	?	?	?	0.0495988	0.404378	-2.47293
cg16670940	CPNE4	0.000180406	0.0674783	0.662898	-1.50853	0.182006	1.3288	1.3288	0.000660386	0.35108	-2.84836	0.683255	0.920972	-1.08581	0.170861	0.746294	-1.33995
cg25929202	CPNE4	0.00031577	0.000560666	0.22835	-4.37924	0.742037	0.912848	-1.09547	0.000951093	0.256732	-3.89511	0.234975	1.41008	1.41008	0.799749	0.932233	-1.07269
cg19139832	CPNE4	0.00208445	0.501922	0.884519	-1.13056	0.780245	0.950885	-1.05165	0.0011325	0.422124	-2.36897	0.147817	0.756094	-1.32259	0.000236755	0.333952	-2.99444
cg10469112	CPNE4	0.00253484	0.563637	1.13241	1.13241	0.000592885	0.32312	-3.09483	0.00114328	0.361075	-2.76951	0.574125	1.12857	1.12857	0.241502	0.770173	-1.29841
cg16673198	CPNE4	0.0102787	0.00721387	0.118074	-8.46924	0.0349623	4.54517	4.54517	0.723793	0.803628	-1.24436	0.0874539	0.312718	-3.19776	0.00365991	0.0887953	-11.2619
cg12213930	CPNE4	0.0218924	0.0619228	0.365092	-2.73904	0.568312	0.75851	-1.31837	0.0919491	0.410975	-2.43324	0.215381	0.535245	-1.8683	0.0843123	0.400394	-2.49754
cg12855522	CPNE5	2.58E-07	0.0836807	1.51607	1.51607	2.40E-07	28.7668	28.7668	2.26E-06	12.321	12.321	1.54E-06	14.0161	14.0161	0.298688	1.26383	1.26383
cg07722358	CPNE5	2.66E-07	0.0453741	0.661213	-1.51237	1.70E-07	18.3898	18.3898	1.42E-05	5.10535	5.10535	1.99E-06	8.30791	8.30791	0.127099	0.742769	-1.34631
cg01258201	CPNE5	0.000693622	0.0510164	0.458909	-2.17908	0.00032551	7.6602	7.6602	0.0283727	2.47649	2.47649	0.0549446	2.14419	2.14419	0.0293578	0.406827	-2.45805
cg23024326	CPNE5	0.00245189	0.125969	0.617385	-1.61974	5.44E-05	0.111871	-8.93883	0.0370867	0.494071	-2.024	0.36906	1.30828	1.30828	0.0363687	0.492324	-2.03118
cg20495964	CPNE5	0.00363654	0.790524	1.03102	1.03102	0.00385378	1.56328	1.56328	0.029106	1.34321	1.34321	0.00931416	1.46005	1.46005	0.00200215	0.606273	-1.64942
cg21741998	CPNE5	0.00811227	0.00427063	0.263494	-3.79515	0.026616	0.399826	-2.50109	0.000264952	0.123689	-8.08479	0.221523	0.638711	-1.56565	0.310168	0.693243	-1.4425
cg00827895	CPNE5	0.00956477	0.0423075	0.570399	-1.75316	0.0080249	0.442469	-2.26004	0.00235951	0.36122	-2.76839	0.26235	1.32384	1.32384	0.002114	0.354365	-2.82195
cg15099673	CPNE5	0.0494202	0.448903	1.16666	1.16666	0.314728	1.2308	1.2308	0.673298	0.918782	-1.0884	0.0100911	1.91252	1.91252	0.159768	1.34994	1.34994
cg07732143	CPNE5;CPNE5	0.0186171	0.203454	0.867475	-1.15277	0.647726	1.04993	1.04993	0.157351	1.17368	1.17368	0.851826	1.02	1.02	0.225268	0.873818	-1.1444
cg20242499	CPNE6	0.000662121	0.000496538	0.252226	-3.9647	0.276503	1.33116	1.33116	0.149258	1.4782	1.4782	0.406537	1.23935	1.23935	4.28E-05	0.140105	-7.13752
cg08108315	CPNE6	0.0076978	0.551268	0.859266	-1.16378	0.121942	0.655862	-1.52471	0.0259615	0.514251	-1.94458	0.582332	0.869571	-1.14999	0.000384909	0.24041	-4.15956
cg18473335	CPNE6	0.0128542	0.0195668	0.316319	-3.16137	0.241482	1.64907	1.64907	0.0547464	0.41111	-2.43244	0.0413242	2.6121	2.6121	0.00515093	0.221522	-4.51422
cg02317072	CPNE7;CPNE7	5.66E-05	0.00586891	1.61362	1.61362	0.000110588	0.40549	-2.46615	0.00248265	0.572344	-1.7472	0.304079	1.1517	1.1517	0.0251957	0.702414	-1.42366
cg09369124	CPNE7;CPNE7	7.48E-05	0.785162	1.07624	1.07624	0.00171296	0.300069	-3.33256	0.0186601	0.464556	-2.1526	0.23566	0.715924	-1.3968	0.000143644	0.171758	-5.82213
cg06111441	CPNE7;CPNE7	0.000192062	0.11913	0.785221	-1.27353	0.322795	1.1572	1.1572	0.730899	0.951843	-1.05059	0.0965177	1.29804	1.29804	9.13E-06	0.253571	-3.94367
cg04080022	CPNE7;CPNE7	0.0002124	3.72E-05	0.191707	-5.2163	0.452616	1.17286	1.17286	0.552268	0.882236	-1.13348	0.135836	0.715388	-1.39784	1.61E-05	0.156909	-6.3731
cg00647720	CPNE7;CPNE7	0.00045357	0.229259	0.815299	-1.22654	0.0371504	0.675958	-1.47938	0.00183456	0.488532	-2.04695	0.628806	1.08203	1.08203	0.000127531	0.340022	-2.94098
cg00037400	CPNE7;CPNE7	0.000550275	0.0130592	3.03492	3.03492	0.0025543	4.52146	4.52146	0.000613033	6.70247	6.70247	0.00165698	5.06822	5.06822	0.0763802	2.03563	2.03563
cg05066973	CPNE7;CPNE7	0.00117151	0.0182855	0.624204	-1.60204	5.40E-05	0.289778	-3.45092	0.344729	0.852025	-1.17367	0.0568643	0.701436	-1.42565	0.000438233	0.400886	-2.49447
cg03294907	CPNE7;CPNE7	0.00412123	0.266592	0.889333	-1.12444	0.0368017	0.782109	-1.27859	0.115542	1.18928	1.18928	0.658074	0.955872	-1.04616	0.0222381	1.32006	1.32006
cg10225951	CPNE7;CPNE7	0.00419762	0.16739	0.645436	-1.54934	0.0547217	0.522957	-1.9122	0.0550843	0.523596	-1.90987	0.0809991	0.56238	-1.77816	0.579783	0.846718	-1.18103
cg10067109	CPNE7;CPNE7	0.00554489	0.0136833	0.6246	-1.60102	0.977088	0.995577	-1.00444	0.365234	0.866233	-1.15442	0.68824	0.93964	-1.06424	0.0682517	1.37044	1.37044
cg01710450	CPNE7;CPNE7	0.0176613	0.605395	0.854298	-1.17055	0.000574375	0.199806	-5.00486	0.456958	0.795415	-1.25721	0.0254885	0.448377	-2.23026	0.37647	0.760161	-1.31551
cg10100556	CPNE7;CPNE7	0.03584	0.574865	1.28729	1.28729	0.19585	1.8396	1.8396	0.181862	0.5318	-1.8804	0.727406	1.16876	1.16876	0.0432211	0.354764	-2.81878
cg11203985	CPNE7;CPNE7	0.0364142	0.0780018	3.28328	3.28328	0.0892467	3.11937	3.11937	0.167739	2.44148	2.44148	0.42821	1.63399	1.63399	0.201923	2.26595	2.26595
cg16616467	CPNE7;CPNE7	0.0459897	0.0353235	44.8301	44.8301	0.0642447	25.1837	25.1837	0.186992	8.75951	8.75951	0.0813298	20.0442	20.0442	0.0324969	48.5931	48.5931
cg09436290	CPNE7;CPNE7	0.0486074	0.567394	1.3026	1.3026	0.00620517	0.195559	-5.11354	0.241139	0.570546	-1.75271	0.118486	0.460665	-2.17077	0.0137982	0.248581	-4.02284
cg08162426	CPNE8	0.000573293	2.34E-05	0.133346	-7.49929	0.413887	1.22036	1.22036	0.622576	0.888446	-1.12556	0.628195	0.890168	-1.12338	0.435873	0.827351	-1.20868
cg19520337	CPNE8	0.000663051	3.20E-05	0.310299	-3.2227	0.584854	1.083	1.083	0.836251	0.970528	-1.03037	0.00799845	0.611839	-1.63442	0.154831	0.802453	-1.24618
cg02277965	CPNE8	0.0143807	0.144527	0.418003	-2.39233	0.417524	1.5858	1.5858	0.167343	2.26859	2.26859	0.14974	2.36197	2.36197	0.0150195	0.189437	-5.27879
cg18794854	CPNE8	0.0153452	0.00271224	2.06243	2.06243	0.476055	1.13503	1.13503	0.00173307	2.18344	2.18344	0.969276	0.993291	-1.00675	0.100257	0.729991	-1.36988
cg12204173	CPNE8	0.0244939	0.518527	1.29409	1.29409	0.00287275	0.198844	-5.02906	0.144871	0.539703	-1.85287	0.0411824	0.395417	-2.52898	0.125256	1.92242	1.92242
cg08144931	CPNE8	0.0294141	0.00287897	0.168591	-5.9315	0.655926	1.21501	1.21501	0.215745	0.567886	-1.76092	0.773284	0.882104	-1.13365	0.11225	0.471903	-2.11908
cg23495733	CPNE8	0.0447382	0.980863	1.0272	1.0272	0.391876	2.66832	2.66832	0.431508	2.45525	2.45525	0.119159	6.63361	6.63361	0.300874	0.301389	-3.31797
cg27185267	CPNE9	2.35E-05	0.335082	1.23018	1.23018	3.88E-06	0.10628	-9.40914	5.98E-05	0.213003	-4.69477	0.48895	1.15777	1.15777	5.20E-06	0.115742	-8.63988
cg27376027	CPNE9	0.000160658	0.00998423	0.510743	-1.95793	0.0474397	0.626033	-1.59736	0.193029	0.752386	-1.3291	0.0755984	1.50455	1.50455	4.94E-05	0.207206	-4.82612
cg07551879	CPNE9	0.000896443	0.250828	0.915592	-1.09219	0.153463	0.893749	-1.11888	0.228068	1.09744	1.09744	0.302878	0.924562	-1.08159	0.1335	0.887853	-1.12631
cg20708305	CPNE9	0.00378547	0.290934	0.814316	-1.22802	0.232276	1.26465	1.26465	0.288636	0.813457	-1.22932	0.0949182	1.41054	1.41054	0.0109711	0.549783	-1.8189
cg04462668	CPNE9	0.00695836	0.729802	0.91286	-1.09546	0.417148	1.24364	1.24364	0.000269057	0.207701	-4.81462	0.765164	0.924251	-1.08196	0.0618276	0.575202	-1.73852
cg16452224	CPNE9	0.010496	0.0740001	0.695597	-1.43761	0.00534888	1.95185	1.95185	0.292576	1.22024	1.22024	0.356693	1.18864	1.18864	0.249292	0.802917	-1.24546
cg16191009	CPNE9	0.0130402	0.616985	1.27425	1.27425	0.000486101	13.8493	13.8493	0.181599	1.97701	1.97701	0.0367989	3.20853	3.20853	0.378031	0.647438	-1.54455
cg15457795	CPNE9	0.0145319	0.0246835	1.9991	1.9991	0.00417571	2.70203	2.70203	0.292442	1.32691	1.32691	0.0834322	0.608823	-1.64251	0.520601	1.18369	1.18369
cg19782880	CPNE9	0.0286967	0.0165892	0.146375	-6.83175	0.0128207	0.13134	-7.61385	0.00421318	0.0807207	-12.3884	0.343337	0.526711	-1.89857	0.0738837	0.270267	-3.70004
cg07856707	CPNE9	0.0373511	0.0601692	0.3362	-2.97442	0.468141	1.46163	1.46163	0.0948234	0.3891	-2.57003	0.0126555	0.2032	-4.92126	0.474299	0.687883	-1.45373
cg06539006	CPO	0.020501	0.0218689	0.267403	-3.73967	0.103853	0.42626	-2.34599	0.151349	0.478481	-2.08995	0.29195	0.591989	-1.68922	0.0175551	0.250167	-3.99734
cg06194186	CPO	0.0478201	0.101452	0.691496	-1.44614	0.04173	0.617001	-1.62074	0.0150312	0.540717	-1.8494	0.0698787	0.659038	-1.51736	0.518538	1.14413	1.14413
cg10752508	CPOX	0.0240752	0.166024	0.634439	-1.5762	0.155879	0.626442	-1.59632	0.00440476	0.310036	-3.22543	0.042165	0.48621	-2.05672	0.00901826	0.35963	-2.78064
cg23229228	CPOX;CPOX	0.0263207	0.285496	0.85418	-1.17071	0.328956	1.15391	1.15391	0.532331	0.914053	-1.09403	0.735121	0.952898	-1.04943	0.905147	1.01708	1.01708
cg09774289	CPPED1;CPPED1	1.79E-06	0.814151	0.977047	-1.02349	0.00152273	1.56848	1.56848	0.413943	1.08584	1.08584	0.214479	1.13754	1.13754	3.07E-07	0.228531	-4.37578
cg00254802	CPPED1;CPPED1	3.82E-06	0.0182666	0.465621	-2.14767	0.000987756	0.270814	-3.69257	1.98E-05	10.0366	10.0366	0.0826642	1.67002	1.67002	0.00305006	0.338634	-2.95304
cg05005256	CPPED1;CPPED1	0.000296809	0.11609	0.635722	-1.57301	0.0609199	1.75119	1.75119	0.000367394	4.54165	4.54165	0.000545709	4.15757	4.15757	0.27313	0.738953	-1.35327
cg09803177	CPPED1;CPPED1	0.0016618	0.774018	0.915475	-1.09233	0.00164964	0.251103	-3.98243	0.770292	0.914097	-1.09398	0.877012	1.04866	1.04866	2.99E-05	0.0815582	-12.2612
cg16481969	CPPED1;CPPED1	0.00491809	0.0010772	0.189502	-5.277	0.262871	1.495	1.495	0.181478	0.613448	-1.63013	0.0221581	0.388741	-2.57241	0.00075826	0.172296	-5.80396
cg03477008	CPPED1;CPPED1	0.00596844	0.325049	0.749512	-1.3342	0.000515025	0.214858	-4.65424	0.17742	0.665844	-1.50185	0.357756	0.764653	-1.30778	0.00564123	0.356773	-2.8029
cg06716411	CPPED1;CPPED1	0.016161	0.250431	0.828231	-1.20739	0.120518	0.767777	-1.30246	0.0739061	0.731546	-1.36697	0.296984	1.18492	1.18492	0.00423637	0.548385	-1.82354
cg26753721	CPPED1;CPPED1	0.0170248	0.300156	1.2991	1.2991	0.003345	0.377885	-2.6463	0.003343	0.377847	-2.64658	0.772165	1.07332	1.07332	0.868089	0.960299	-1.04134
cg04898458	CPPED1;CPPED1	0.0362307	0.0965559	0.697853	-1.43297	0.00706293	0.503332	-1.98676	0.0295701	0.603421	-1.65722	0.0206223	0.577099	-1.73281	0.067634	0.667853	-1.49734
cg02394263	CPPED1;CPPED1	0.0496761	?	?	?	0.23803	1.96435	1.96435	0.266624	1.88186	1.88186	0.265429	1.88509	1.88509	0.158232	0.438653	-2.2797
cg11926456	CPS1;CPS1	0.000376892	0.213338	1.29544	1.29544	0.843828	0.96179	-1.03973	0.000118568	0.264393	-3.78225	0.0120874	0.538992	-1.85531	0.000339417	0.319692	-3.12801
cg21165909	CPS1;CPS1	0.00749163	0.0264936	0.531959	-1.87985	0.607518	0.883106	-1.13237	0.000912574	0.304333	-3.28587	0.326647	0.784278	-1.27506	0.0034429	0.385476	-2.5942

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10312572	0.400543	1.0986	1.0986	0.295135	0.888121	-1.12597	0.20079	0.862726	-1.15912	0.0095555	1.43138	1.43138	7.33213	1.38675	0.168118	1
cg22776578	0.936778	0.990192	-1.0099	0.0507291	0.758383	-1.31859	0.173222	0.835229	-1.19728	0.456166	1.09888	1.09888	6.63448	1.62188	0.217301	1
cg04620298	0.00866104	0.285561	-3.50188	0.00558785	0.255922	-3.90745	0.0420374	0.415857	-2.40467	0.416114	0.732515	-1.36516	5.30368	11.782	1.97464	1
cg04446284	0.882504	0.963621	-1.03775	0.0356962	0.541986	-1.84507	0.0743032	0.607558	-1.64593	0.394463	1.24427	1.24427	5.27946	5.25001	0.883929	1
cg14648916	0.164237	0.771204	-1.29667	0.0076123	0.548411	-1.82345	0.190713	1.27449	1.27449	0.0442907	1.49844	1.49844	4.87711	2.36691	0.431386	1
cg15622912	0.526049	0.782609	-1.27778	0.130054	1.86618	1.86618	0.164556	0.567926	-1.76079	0.931562	0.96776	-1.03331	3.5673	8.22402	2.04923	1
cg13564889	0.157377	1.31253	1.31253	0.111204	1.36627	1.36627	0.692231	1.07418	1.07418	0.878336	0.972824	-1.02794	7.08895	3.63203	0.455424	1
cg14678099	0.000740454	0.217023	-4.60781	0.00211671	0.275727	-3.62678	0.249605	0.698533	-1.43157	0.374463	0.761994	-1.31235	6.38145	8.98544	1.25161	1
cg23495748	0.00438749	0.313399	-3.19082	0.0809739	0.554247	-1.80425	0.999655	1.00013	1.00013	0.113246	1.69162	1.69162	4.90097	7.22045	1.30957	1
cg01450705	0.0453402	0.419115	-2.38598	0.227809	1.60443	1.60443	0.00946163	0.281833	-3.5482	0.126728	0.538049	-1.85857	5.02196	10.6984	1.65691	1
cg22988198	0.0319957	3.31806	3.31806	0.002528	7.39748	7.39748	0.00813678	5.03829	5.03829	0.0930846	2.41546	2.41546	4.45294	16.0696	3.2078	1
cg12578615	0.238807	0.859877	-1.16296	0.0162659	0.697973	-1.43272	0.00219814	0.59134	-1.69108	0.945757	0.991709	-1.00836	4.21206	0.998893	0.210801	1
cg16460727	0.635113	0.83828	-1.19292	0.0237249	0.369268	-2.70806	0.610709	1.20858	1.20858	0.0752438	0.481458	-2.07703	3.85536	8.31452	1.91699	1
cg06833732	0.623441	0.923293	-1.08308	0.242936	0.821137	-1.21782	0.783142	0.956481	-1.0455	0.926771	0.985284	-1.01494	3.64253	1.50047	0.36616	1
cg26121591	0.516273	0.71494	-1.39872	?	?	?	0.0228887	0.240462	-4.15866	0.367436	0.623144	-1.60477	12.1135	37.8115	3.12145	1
cg16025094	0.470212	0.866131	-1.15456	0.184537	1.31698	1.31698	0.0281498	1.66062	1.66062	0.224098	1.28383	1.28383	7.41735	4.49597	0.538793	1
cg04235071	0.587375	0.820126	-1.21932	0.979894	1.00916	1.00916	0.36018	0.711436	-1.40561	0.861665	1.06516	1.06516	10.2729	21.3116	1.84405	1
cg06852350	0.1879	0.670931	-1.49047	0.00370384	0.325764	-3.0697	0.593242	1.16672	1.16672	0.266264	0.718003	-1.39275	7.56541	9.80029	1.15147	1
cg04636748	0.256274	0.77593	-1.28878	0.000116927	0.235802	-4.24084	0.389514	0.827964	-1.20778	0.280508	0.786505	-1.27145	7.00751	5.08678	0.645248	1
cg13238909	8.04E-05	0.137612	-7.26679	4.38E-06	0.0523693	-19.0952	5.37E-05	0.122563	-8.15905	0.000471677	0.216404	-4.62099	27.5546	33.8805	1.09296	1
cg27535687	0.00208157	0.317481	-3.1498	1.19E-05	0.0861157	-11.6123	0.0001562	0.180167	-5.55039	0.00880554	0.413455	-2.41864	18.9758	21.071	0.987036	1
cg21013983	0.00121402	0.335833	-2.97767	7.73E-05	0.192268	-5.20107	0.0782844	0.63723	-1.56929	0.0193595	0.521271	-1.91839	14.0212	11.7855	0.747156	1
cg16862624	0.0901524	1.17974	1.17974	0.0341192	0.803451	-1.24463	0.210289	0.889725	-1.12394	0.00062415	0.627687	-1.59315	12.4649	1.54645	0.110279	1
cg13749420	0.000860036	0.208617	-4.79346	0.00294262	0.278355	-3.59254	0.000174424	0.136044	-7.35054	0.00266069	0.272163	-3.67427	11.8051	18.336	1.38065	1
cg03110300	0.0106956	0.404946	-2.46946	0.00153719	0.276886	-3.6116	0.125455	0.626718	-1.59561	0.00944324	0.395775	-2.52669	9.69351	12.1886	1.11769	1
cg19361269	0.00109636	0.293865	-3.40292	0.003703	0.368795	-2.71154	0.0370499	0.540184	-1.85122	0.440525	0.818677	-1.22148	9.15937	9.38456	0.910744	1
cg05051976	0.275607	0.881118	-1.13492	0.00666924	0.675171	-1.48111	0.0756084	1.24695	1.24695	0.00719321	0.678987	-1.47278	11.5125	2.27047	0.175305	1
cg02266731	0.00408252	2.00083	2.00083	0.00304477	2.07619	2.07619	0.0516714	1.48966	1.48966	0.145259	0.754678	-1.32507	6.30045	3.23155	0.455918	1
cg05209514	0.207559	0.469175	-2.1314	0.0532554	0.286373	-3.49195	0.0395567	0.257786	-3.87919	0.577323	0.725713	-1.37796	4.5814	23.5293	4.56518	1
cg09105193	0.222561	0.733393	-1.36353	0.000238172	0.229434	-4.35855	0.854737	0.956636	-1.04533	4.68E-07	30.8644	30.8644	31.8936	29.5585	0.823809	1
cg25778262	0.747549	0.944255	-1.05904	0.0865623	0.714454	-1.39967	0.586473	1.10247	1.10247	4.69E-07	12.3976	12.3976	25.9516	12.9656	0.444096	1
cg27076669	0.756025	0.882038	-1.13374	0.373748	0.692313	-1.44443	0.372876	1.44546	1.44546	2.30E-05	30.3034	30.3034	9.28902	23.8616	2.28337	1
cg18771034	0.898729	1.02056	1.02056	0.00761722	1.73064	1.73064	0.0190002	1.5745	1.5745	0.196573	0.803919	-1.24391	7.854	3.17836	0.359717	1
cg26517140	0.0468187	0.733697	-1.36296	0.479317	1.1028	1.1028	0.900893	0.983191	-1.0171	0.362555	0.880443	-1.13579	5.52205	1.61906	0.260621	1
cg21548096	0.00462205	0.348235	-2.87162	0.769619	1.08568	1.08568	0.972793	0.990499	-1.00959	0.982224	0.993783	-1.00626	4.23538	5.25619	1.10313	1
cg05391255	0.720827	1.08087	1.08087	0.0163139	1.88972	1.88972	0.261107	1.28917	1.28917	0.0324332	1.72065	1.72065	3.54466	2.63676	0.661218	1
cg08748969	0.22164	1.65104	1.65104	0.366779	1.43604	1.43604	0.0184584	3.05131	3.05131	0.116806	1.9446	1.9446	3.41088	8.22984	2.14473	1
cg02250046	0.16036	0.828543	-1.20694	0.0619096	1.30167	1.30167	6.48E-06	3.5263	3.5263	0.0325284	1.36863	1.36863	40.1627	10.0041	0.221412	1
cg16631199	0.0627117	0.603046	-1.65825	0.537707	1.16264	1.16264	0.141638	0.682738	-1.46469	0.0105614	0.459889	-2.17444	17.1496	15.84	0.821006	1
cg03201262	0.321279	1.1938	1.1938	0.00177557	0.463352	-2.15819	0.381385	1.16789	1.16789	0.0278782	0.638127	-1.56709	12.9268	6.11806	0.420696	1
cg22534585	0.160306	0.740843	-1.34981	0.0573972	0.650621	-1.53699	0.000618497	0.348628	-2.86839	0.304134	0.808294	-1.23717	10.5013	6.65127	0.562999	1
cg19780571	0.0385023	0.361929	-2.76297	0.000138303	0.0612606	-16.3237	0.0177422	0.294558	-3.39491	0.00999957	0.251908	-3.9697	8.44214	24.0285	2.53001	1
cg02460314	0.00357064	0.382165	-2.61667	0.0608003	0.597471	-1.67372	0.204246	0.721456	-1.38609	0.686323	1.104	1.104	6.79934	6.39476	0.835998	1
cg24302646	0.15414	0.828189	-1.20745	0.012359	0.680532	-1.46944	0.000710003	0.528708	-1.8914	0.00422271	0.622907	-1.60538	6.16511	1.49097	0.214968	1
cg25833003	0.0152868	0.205957	-4.85537	0.00137016	0.0850884	-11.7525	0.0353956	0.272605	-3.66831	0.0486083	0.302658	-3.30406	5.11005	22.7825	3.96299	1
cg19754520	0.137766	0.511535	-1.9549	0.449124	1.38196	1.38196	0.00674683	4.3627	4.3627	0.0462321	2.60607	2.60607	5.08745	14.1743	2.47656	1
cg23197945	0.0095612	0.159773	-6.25888	0.708908	0.810916	-1.23317	0.842139	0.894541	-1.11789	0.0281529	0.234824	-4.25851	4.77092	23.602	4.39739	1
cg23247504	0.824839	1.0612	1.0612	0.0212862	2.09967	2.09967	0.00947894	2.41308	2.41308	0.00891789	2.43911	2.43911	4.62832	5.26419	1.01101	1
cg19015686	0.191383	1.56623	1.56623	0.140559	1.67232	1.67232	0.625385	0.852483	-1.17304	0.763495	0.906755	-1.10283	3.41668	5.69324	1.48116	1
cg06024295	0.174932	0.641114	-1.55978	0.0151085	0.398541	-2.50915	0.0568913	0.514801	-1.9425	0.00921678	0.361126	-2.76912	8.88306	13.3572	1.3366	1
cg16409039	0.297883	0.648695	-1.54156	0.0083564	0.258828	-3.86357	0.0244939	0.34139	-2.9292	0.255377	0.62112	-1.60999	5.44557	13.8727	2.26446	1
cg20375415	0.689487	1.0548	1.0548	0.00021664	2.26977	2.26977	0.0689193	0.763093	-1.31046	0.528371	1.08855	1.08855	6.06828	1.6956	0.248374	1
cg20141824	0.0208147	0.452838	-2.20829	0.000357624	0.195702	-5.10981	0.677943	1.12627	1.12627	0.00226066	0.296195	-3.37615	14.2135	18.2527	1.1415	1
cg11826008	0.510056	0.747575	-1.33766	0.0105951	0.246723	-4.05313	0.821199	1.10357	1.10357	0.0401377	0.356121	-2.80804	3.41329	10.2467	2.66845	1
cg23207816	0.248729	1.6086	1.6086	0.0374443	2.591	2.591	0.881903	1.06036	1.06036	0.0353966	0.380664	-2.62699	3.40944	8.39395	2.18842	1
cg18015496	0.0877979	0.765795	-1.30583	3.33E-06	0.211376	-4.73092	0.973226	0.995258	-1.00476	0.00301231	0.562159	-1.77885	28.7069	9.11837	0.282344	1
cg22087367	0.918809	1.0096	1.0096	0.0168646	1.31399	1.31399	0.055176	1.22582	1.22582	0.000505237	0.601014	-1.66385	7.98334	1.10917	0.123499	1
cg01094251	0.173119	0.560281	-1.78482	0.0140002	0.297403	-3.36244	0.758133	1.13138	1.13138	0.046498	0.402027	-2.48739	3.58799	9.0757	2.24842	1
cg05674659	0.0371256	0.517926	-1.93078	0.000308114	0.203416	-4.91603	0.596679	0.864856	-1.15626	0.195419	1.45103	1.45103	7.18706	8.41323	1.04054	1
cg00152942	0.193165	0.616779	-1.62133	0.00171846	0.208017	-4.80729	0.00149404	0.200521	-4.987	0.503519	0.788018	-1.26901	6.12014	11.9366	1.73367	1
cg08696890	0.118905	1.25508	1.25508	0.0744054	1.30582	1.30582	0.00482057	1.65199	1.65199	0.0700977	1.31236	1.31236	5.3436	1.52495	0.25367	1
cg07262506	0.0498988	0.482095	-2.07428	0.532667	0.813684	-1.22898	0.322268	1.39597	1.39597	0.469505	0.786568	-1.27135	4.41806	7.44807	1.49851	1
cg02290969	0.426958	0.770219	-1.29833	0.00964921	0.348434	-2.86999	0.0081939	0.336584	-2.97103	0.547493	0.822072	-1.21644	4.13594	6.7865	1.45854	1
cg04391957	0.899231	1.01877	1.01877	0.00875923	0.612568	-1.63247	0.264577	0.843097	-1.1861	0.72953	1.05227	1.05227	3.63228	1.23936	0.303296	1
cg07999887	?	?	?	1.74E-05	0.0229021	-43.6641	0.859977	1.07876	1.07876	0.401226	1.44614	1.44614	12.4851	32.4004	2.59512	1
cg22899037	0.421116	1.16801	1.16801	0.036653	1.58217	1.58217	0.707678	0.931294	-1.07377	0.861473	0.967534	-1.03356	7.38283	4.17511	0.502681	1
cg21418118	0.259386	0.877454	-1.13966	0.0599256	0.78991	-1.26597	0.720379	1.04074	1.04074	0.0171336	1.38101	1.38101	3.61344	0.706494	0.173794	1
cg22603934	?	?	?	0.0107182	0.0576033	-17.3601	0.43087	0.539598	-1.85323	0.358447	0.482778	-2.07134	5.2554	34.0544	4.62849	1
cg10473004	0.111988	0.735583	-1.35947	0.000176429	0.32356	-3.09062	0.0643926	1.44585	1.44585	0.0271216	0.628666	-1.59067	7.1124	3.54662	0.443246	1
cg02340846	0.849541	0.926111	-1.07978	0.43986	0.727305	-1.37494	0.0637926	0.430762	-2.32147	0.0140393	0.29354	-3.40669	5.79782	13.3343	2.29988	1
cg16670940	0.692269	0.923274	-1.0831	0.352609	1.21161	1.21161	0.0399627	0.620981	-1.61036	2.88E-06	0.105892	-9.44358	18.8914	12.0492	0.566945	1
cg25929202	0.00583572	0.36917	-2.70878	0.000464854	0.218741	-4.57163	0.00407852	0.345024	-2.89835	3.86E-05	0.113326	-8.82413	16.2209	19.5788	1.0729	1
cg19139832	0.296682	0.822978	-1.2151	0.10851	0.729619	-1.37058	0.367644	1.18132	1.18132	0.000605366	0.385985	-2.59078	9.52632	4.89173	0.456442	1
cg10469112	0.641116	1.10516	1.10516	0.0317602	1.70944	1.70944	0.773343	1.06344	1.06344	0.00391321	0.437285	-2.28684	8.99531	6.46358	0.638711	1
cg16673198	0.193531	0.428409	-2.33422	0.0467941	0.245995	-4.06513	0.0176955	0.169063	-5.91496	0.0274746	0.200544	-4.98643	5.85882	35.2251	5.34429	1
cg12213930	0.0363794	0.311613	-3.20911	0.00107071	0.0986111	-10.1408	0.0475931	0.337573	-2.96232	0.0115971	0.220334	-4.53857	4.56161	16.5977	3.23428	1
cg12855522	2.89E-06	11.3682	11.3682	9.88E-08	43.0911	43.0911	0.00916532	0.487082	-2.05304	5.33E-07	20.7023	20.7023	103.53	77.474	0.665177	1
cg07722358	7.46E-07	11.0859	11.0859	1.32E-07	20.2264	20.2264	0.0460653	0.662332	-1.50982	4.01E-06	6.89278	6.89278	102.722	52.8434	0.457273	1
cg01258201	0.0317292	2.41664	2.41664	0.000276722	8.05191	8.05191	0.0343278	0.420974	-2.37545	0.0363896	2.34542	2.34542	13.0444	25.3731	1.72901	1
cg23024326	0.152549	0.639979	-1.56255	0.117364	0.609316	-1.64118	0.00591803	0.350409	-2.8538	0.678815	1.12895	1.12895	9.08382	12.2058	1.19439	1
cg20495964	0.953424	1.00672	1.00672	0.00419767	1.55268	1.55268	0.164577	1.18546	1.18546	0.564035	1.0692	1.0692	8.08063	1.68476	0.185327	1
cg21741998	0.268725	0.66906	-1.49464	0.051257	0.460984	-2.16927	0.78624	1.09948	1.09948	0.121248	0.556462	-1.79707	6.31638	12.1763	1.71354	1
cg00827895	0.0659962	0.609505	-1.64068	0.0767727	0.623462	-1.60395	0.361276	0.798297	-1.25267	0.0723581	0.617953	-1.61825	5.9952	5.47125	0.811206	1
cg15099673	0.205091	1.30612	1.30612	0.00501934	2.09898	2.09898	0.0323793	1.64938	1.64938	0.165895	1.34332	1.34332	3.40318	2.15047	0.561691	1
cg07732143	0.0105181	1.40627	1.40627	0.00277776	0.646073	-1.54781	0.42353	0.917071	-1.09043	0.128974	1.18976	1.18976	4.82009	0.856264	0.157906	1
cg20242499	0.123087	1.52527	1.52527	0.95403	0.985537	-1.01468	0.373579	0.793871	-1.25965	0.00966628	0.437141	-2.28759	13.2152	13.3675	0.899136	1
cg08108315	0.007447	0.420163	-2.38003	0.0051497	0.394731	-2.53337	0.32343	0.773675	-1.29253	0.034941	0.538818	-1.85592	6.42138	6.43809	0.891201	1
cg18473335	0.398649	1.4227	1.4227	0.0122661	0.280069	-3.57054	0.466821	0.739267	-1.35269	0.169458	0.55038	-1.81693	5.45018	14.3679	2.3433	1
cg02317072	3.43E-05	0.345151	-2.89728	1.38E-05	0.299808	-3.33547	0.754898	0.959296	-1.04243	0.00394318	0.597737	-1.67298	25.7632	7.18458	0.247885	1
cg09369124	0.000159735	0.176435	-5.66782	5.91E-06	0.0648891	-15.4109	0.0144265	2.2496	2.2496	0.957508	1.01443	1.01443	23.9276	27.3998	1.01788	1
cg06111441	0.699928	0.94614	-1.05693	0.000155828	2.52346	2.52346	0.568246	0.920856	-1.08595	0.625129	0.932026	-1.07293	18.5739	6.01188	0.287709	1
cg04080022	0.216165	1.31156	1.31156	0.00580414	0.470979	-2.12324	0.710728	1.08072	1.08072	0.0416322	0.612971	-1.6314	18.0738	12.4293	0.611289	1
cg00647720	0.000428376	0.405662	-2.46511	8.16E-05	0.31675	-3.15706	0.727966	1.05815	1.05815	0.105161	0.750833	-1.33185	14.6816	6.09146	0.368803	1
cg00037400	0.00236432	4.61319	4.61319	0.795458	0.910587	-1.09819	0.000548337	6.92738	6.92738	8.60E-05	12.7036	12.7036	13.9152	28.6497	1.83012	1
cg05066973	0.0104151	0.588153	-1.70024	0.510848	0.896066	-1.11599	0.262736	1.21183	1.21183	0.271572	0.828341	-1.20723	11.2486	4.82362	0.381172	1
cg03294907	0.0133662	1.36408	1.36408	0.000727715	1.683	1.683	0.0244484	0.762127	-1.31212	0.72626	0.965011	-1.03626	7.78208	1.2654	0.144537	1
cg10225951	0.410377	1.2846	1.2846	5.47E-05	0.106968	-9.34859	0.439207	0.790801	-1.26454	0.26331	0.706859	-1.41471	7.73903	10.8479	1.24597	1
cg10067109	0.330022	0.856282	-1.16784	0.000155988	0.368144	-2.71633	0.332814	1.16673	1.16673	0.298431	0.846738	-1.181	7.10979	2.68282	0.335415	1
cg01710450	0.894124	0.960566	-1.04105	0.00763608	0.354777	-2.81868	0.433594	0.785503	-1.27307	0.206988	0.668914	-1.49496	4.90634	7.09392	1.28522	1
cg10100556	0.0719898	0.408616	-2.44728	0.00336893	0.169117	-5.91308	0.73387	0.858929	-1.16424	0.0504116	0.370197	-2.70127	3.83403	12.0581	2.79557	1
cg11203985	0.301407	1.91554	1.91554	0.00148718	16.1484	16.1484	0.0212807	5.36818	5.36818	0.0377788	4.31692	4.31692	3.81195	22.2498	5.18831	1
cg16616467	0.0628425	25.7259	25.7259	0.0115398	134.486	134.486	0.0234962	66.5742	66.5742	0.0249483	62.7963	62.7963	3.49688	133.329	33.8915	1
cg09436290	0.229751	1.77946	1.77946	0.457867	0.707707	-1.41301	0.935266	1.03785	1.03785	0.123582	0.466361	-2.14426	3.42464	11.344	2.94442	1
cg08162426	0.883538	1.03556	1.03556	0.022063	1.92428	1.92428	0.00343831	0.387744	-2.57902	0.00156783	0.338559	-2.95369	13.7574	12.3851	0.800227	1
cg19520337	0.426661	0.889302	-1.12448	0.00148074	1.94022	1.94022	0.302305	0.856884	-1.16702	0.0285464	0.688346	-1.45276	13.21	4.37091	0.294114	1
cg02277965	0.144535	2.39228	2.39228	0.0180498	0.20219	-4.94585	0.0113627	5.83387	5.83387	0.13439	0.407237	-2.45557	5.25331	25.7699	4.3604	1
cg18794854	0.515499	1.12215	1.12215	0.662251	1.07985	1.07985	0.508113	0.889283	-1.1245	0.182098	1.28085	1.28085	5.14183	2.48757	0.430035	1
cg12204173	0.27814	1.55924	1.55924	0.22299	1.65594	1.65594	0.615246	0.819052	-1.22092	0.0696328	0.449666	-2.22387	4.3883	10.7828	2.18414	1
cg08144931	0.312336	0.635149	-1.57443	0.120962	2.07574	2.07574	0.0391405	0.354613	-2.81998	0.0248435	0.31351	-3.1897	4.11553	12.2939	2.6553	1
cg23495733	0.0713193	9.52164	9.52164	0.0520899	0.0843991	-11.8485	0.0057937	57.0575	57.0575	0.391336	0.374327	-2.67146	3.53323	70.0472	17.6224	1
cg27185267	0.85088	0.961538	-1.04	0.000855148	0.352082	-2.84025	0.00139117	0.380812	-2.62597	0.122433	0.705506	-1.41742	32.4713	22.335	0.611413	1
cg27376027	0.075804	0.664884	-1.50402	7.70E-06	0.131596	-7.59899	0.563612	1.12815	1.12815	0.798327	0.948493	-1.0543	19.4927	13.1686	0.600505	1
cg07551879	0.277004	1.08664	1.08664	1.20E-05	0.506795	-1.97318	0.734198	1.02536	1.02536	0.155105	1.11831	1.11831	12.1363	1.03823	0.0760424	1
cg20708305	0.730871	0.937334	-1.06686	0.000155035	0.296867	-3.36851	0.0724009	1.4561	1.4561	0.884694	0.973169	-1.02757	7.98386	4.44197	0.49455	1
cg04462668	0.82251	1.06086	1.06086	0.771682	1.07951	1.07951	0.821132	1.06136	1.06136	0.0032351	0.347779	-2.87539	6.62743	7.25773	0.973427	1
cg16452224	0.99065	1.00214	1.00214	0.00137844	0.429224	-2.32979	0.547259	1.11743	1.11743	0.252838	1.24324	1.24324	5.81965	3.06291	0.467826	1
cg16191009	0.599381	1.29016	1.29016	0.113686	0.43725	-2.28702	0.169457	2.02082	2.02082	0.0740355	2.60368	2.60368	5.42467	19.8482	3.25233	1
cg15457795	0.0362708	1.87845	1.87845	0.112187	0.638975	-1.56501	0.0119505	2.25287	2.25287	0.587464	1.15241	1.15241	5.23522	5.5604	0.944102	1
cg19782880	0.178143	0.390774	-2.55903	0.0448344	0.220399	-4.53722	0.022504	0.166154	-6.0185	0.0598428	0.247947	-4.03312	4.15163	28.3593	6.07189	1
cg07856707	0.375343	1.59649	1.59649	0.00424836	0.139817	-7.15222	0.948177	0.967132	-1.03399	0.184235	0.484711	-2.06309	3.77683	15.8132	3.72168	1
cg06539006	0.0173248	0.249162	-4.01345	0.00117518	0.101991	-9.80476	0.427294	0.678	-1.47493	0.0476237	0.337522	-2.96277	4.66514	16.9851	3.23631	1
cg06194186	0.171835	1.3488	1.3488	0.124421	1.40808	1.40808	0.716532	0.92773	-1.0779	0.203496	0.758723	-1.318	3.44585	2.30954	0.595766	1
cg10752508	0.388742	1.31273	1.31273	0.0425286	0.487009	-2.05335	0.353692	0.745311	-1.34172	0.016402	0.405121	-2.4684	4.41461	6.63485	1.33594	1
cg23229228	0.480999	1.10713	1.10713	0.00111739	0.505596	-1.97786	0.797242	1.03726	1.03726	0.0306492	1.43449	1.43449	4.2797	1.36833	0.284201	1
cg09774289	0.0818198	0.826828	-1.20944	1.28E-05	2.47119	2.47119	4.41E-06	0.352432	-2.83742	6.18E-05	0.482656	-2.07187	63.236	9.73832	0.136889	1
cg00254802	0.886134	0.96249	-1.03897	2.03E-06	22.7656	22.7656	1.28E-06	27.6746	27.6746	0.179254	0.683409	-1.46325	52.025	58.6617	1.00228	1
cg05005256	0.0964573	1.62272	1.62272	0.00167974	3.29134	3.29134	4.52E-05	7.74528	7.74528	0.199995	0.698298	-1.43205	16.4983	18.384	0.990482	1
cg09803177	0.202025	0.6615	-1.51172	0.357604	0.748097	-1.33672	0.148909	0.621968	-1.6078	0.0361867	0.47366	-2.11122	10.1744	15.1642	1.32482	1
cg16481969	0.127116	0.566444	-1.7654	0.739151	1.12201	1.12201	0.637143	0.849014	-1.17784	0.00948069	0.322272	-3.10297	7.37568	13.8629	1.6707	1
cg03477008	0.986767	0.995305	-1.00472	0.00179511	0.283573	-3.52643	0.0297834	0.484048	-2.06591	0.0229099	0.461988	-2.16456	6.95047	8.86136	1.13327	1
cg06716411	0.12926	1.29334	1.29334	0.0113102	1.64505	1.64505	0.387417	0.870208	-1.14915	0.150215	0.785035	-1.27383	5.05413	1.97118	0.346679	1
cg26753721	0.408297	0.813731	-1.22891	0.854507	0.95625	-1.04575	0.0108752	0.45874	-2.17988	0.784447	1.0691	1.0691	4.96706	4.67248	0.836173	1
cg04898458	0.218122	0.774575	-1.29103	0.157892	1.34679	1.34679	0.624584	0.907328	-1.10214	0.121098	0.717888	-1.39298	3.81896	2.35164	0.54736	1
cg02394263	?	?	?	0.0854251	2.8255	2.8255	0.0192987	4.69223	4.69223	0.07091	0.332115	-3.011	3.50935	12.9001	4.20105	1
cg11926456	0.316067	1.22721	1.22721	0.000449793	0.335231	-2.98302	0.0195148	1.74645	1.74645	0.0213083	0.578904	-1.7274	15.4515	9.54778	0.549263	1
cg21165909	0.00357085	0.387848	-2.57833	0.0943945	0.643267	-1.55456	0.400104	1.22959	1.22959	0.194049	0.719143	-1.39054	6.47627	5.90554	0.810554	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1054 057 vs. N)	Fold-Change(1054 vs. N)	Ratio(1111T vs. N)	p-value(1127 11T vs. N)	Fold-Change(1127 vs. N)	p-value(1127 12T vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18105667	CPS1;CPS1;LOC2903	4.04366E	0.225371	1.30956	0.13956	1.0628104	0.045995	-1.55764	0.252099	0.776157	-1.2884	0.61519	1.11321	1.11321	0.00354505	2.30973	2.30973	0.785433	0.943839	-1.0595	0.124222	0.907911	-1.42266	0.327041	1.239	1.239	0.693846	1.08766	1.08766	1.56536	2.53324	0.631569	1
cg07932328	CPS1	5.83E-05	0.985273	1.00157	1.00157	6.22E-06	0.423987	-2.35856	0.26032	0.905093	-1.10486	0.721127	1.03091	1.03091	0.362804	1.10424	1.10424	0.00188382	1.45387	1.45387	6.96E-05	1.85332	1.85332	0.035201	0.811687	-1.232	0.00690469	0.74306	-1.34579	25.5602	2.92003	0.101548	1
cg11637789	CPS1	0.000699707	0.683275	0.928757	-1.07671	0.71695	0.936508	-1.0678	0.0124041	0.570783	-1.75198	0.988459	1.00261	1.00261	1.25E-05	0.190478	-5.24996	0.148294	1.32231	1.32231	0.173775	0.7704491	-1.29787	0.541358	0.894584	-1.11784	0.00286531	0.47751	-2.0942	13.0123	6.68987	0.456994	1
cg06891533	CPS1	0.00576723	0.0443832	0.460672	-2.17074	0.0048293	0.285131	-3.5074	0.344035	0.720952	-1.38706	0.40973	1.3271	1.3271	0.000203162	0.123527	-8.09374	0.652979	1.16407	1.16407	0.38858	0.243329	-1.3453	0.956873	1.01832	1.018312	0.0440151	0.45994	-2.1742	7.02433	12.5354	1.58628	1
cg02390569	CPS1	0.00760117	0.700991	0.928064	-1.07751	0.666768	0.919596	-1.08743	0.00495559	0.486782	-2.05431	0.124293	1.37992	1.37992	3.00044758	0.342154	-2.91959	0.138113	0.734227	-1.36198	0.642371	1.09471	1.09471	0.265879	0.79905	-1.25149	0.023528	0.592503	-1.68776	0.44688	3.82281	0.527085	1
cg01030254	CPS1	0.00183828	0.00839952	0.581887	-1.71855	0.857496	0.97163	-1.0292	0.159137	1.27237	1.272237	0.672388	0.934478	-1.07046	0.00147342	0.476668	-2.10048	0.00558548	0.558454	-1.79066	0.271646	0.8326513	-1.20104	0.760523	0.952241	-1.05015	0.499677	0.896116	-1.11593	5.37886	2.18303	0.360759	1
cg18511989	CPS1	0.01345274	0.873018	1.02801	1.02801	0.836616	0.96497	-1.0363	0.984251	0.996597	-1.00341	0.958285	1.00907	1.00907	0.0115306	0.579493	-1.72565	0.02887614	0.640859	-1.56041	0.000542685	0.395516	-2.53062	0.866435	1.02945	1.02945	0.373262	1.17098	1.17098	5.36972	2.53602	0.419806	1
cg14239716	CPS1	0.01706844	0.808942	1.0284	1.0284	0.318109	0.27865	1.27865	0.823321	0.784839	-1.05504	0.219888	0.755434	-1.35974	0.00778549	0.459276	-2.17734	0.04003185	0.568825	-1.75901	0.001079565	0.232558	2.72358	0.995468	1.00105	1.00105	0.259914	0.753888	-1.32646	4.90282	4.46014	0.798855	1
cg13231695	CPS1	0.0299276	0.353592	1.19297	1.193781	0.699883	-1.42881	0.00680935	0.523017	-1.99198	0.441249	0.864872	-1.15624	0.176485	1.439668	1.30426	1.30426	0.969431	1.00711	1.00711	0.0881293	1.870381	1.870381	0.287387	0.959632	-1.04207	0.965461	1.00804	1.00804	0.400234	2.21395	0.481123	1
cg01563148	CPS1	0.0300544	0.161866	0.734841	-1.36084	0.0232231	1.75006	1.75006	0.962641	0.990385	-1.00971	0.880048	0.969331	-1.03164	0.02479117	0.576268	-1.7353	0.105439	0.694289	-1.44032	0.0205318	1.7783	1.7783	1.19223	1.32938	1.32938	0.240465	0.776081	-1.28853	4.0842	2.75218	0.598087	1
cg00315927	CPS1;MIR1234	0.00302654	0.392078	0.804619	-1.24305	0.0441369	1.28577	1.28577	0.0138425	0.763915	-1.30905	0.00778924	1.35669	1.35669	0.00107262	1.51941	1.51941	0.2053	1.12672	1.12672	0.0139592	0.877595	1.11948	0.0143705	0.793813	1.303922	5.24E-05	0.509149	1.96406	16.0725	2.02924	0.112227	1
cg03636657	CPS1;MIR1234	0.00870074	0.01934	-5.17222	0.00579235	0.173825	-5.7529	0.0546209	0.940883	-2.87288	0.0127158	0.223407	-4.47613	0.00479566	0.163348	-6.12189	0.007830002	0.191649	-5.21788	0.0184968	0.250866	-3.9862	0.0165472	0.242418	-4.1251	0.00926308	0.202207	-4.94542	6.17824	22.9266	3.29855	1
cg11863389	CPS1;MIR1234	0.01441339	0.210621	1.21737	1.25117	0.860956	1.01843	1.01843	0.104043	0.144125	1.30544	1.30544	0.001258815	2.225351	2.225351	0.109493	1.94984	0.749481	-1.34502	0.004688456	1.49392	1.49392	0.604983	0.915161	1.81103	0.0458885	0.00276	0.250906	1.22638	1.22638	5.38639	2.41558	0.460218	1
cg17822915	CPS1;MIR1234	0.02033003	0.252835	0.61221	-1.63340	0.0122207	0.277479	-3.60388	0.383508	0.692726	-1.44357	0.817114	0.90922	-1.09984	0.00204529	0.167723	-5.96222	0.209573	0.580826	-1.72169	0.007866559	0.24637	-4.05894	0.0620299	0.614808	-1.37075	0.0199239	0.315266	-3.17192	4.68078	12.5123	2.37612	1
cg02031849	CPS1;MIR939	0.00773886	0.315725	-1.16731	0.119117	0.653605	-1.53065	-1.46295	0.26159	0.768489	-1.30126	0.429146	0.833978	-1.19007	0.134792	0.695828	-1.43714	0.535587	1.15155	1.15155	0.0625894	1.602116	1.602116	0.838008	0.954999	-1.04712	0.0385319	0.583253	-1.71452	5.02627	4.04860	0.712263	1
cg05972303	CPS1;MIR939	0.02545314	0.0954445	0.485772	-2.05858	0.0844165	0.970597	-1.02496	0.0168437	0.336535	-1.97255	0.027146	0.354328	-1.82059	0.00606144	0.244228	-4.11572	0.0389158	0.605826	-1.65066	0.0194042	0.327942	-3.04932	0.946165	0.973715	-1.02699	0.00866843	0.26719	-3.74265	4.10706	2.19046	0.533966	1
cg22638461	CPS1;MIR939	0.0396561	0.797388	0.922647	-1.08384	0.846086	0.940996	-1.0627	0.0355689	0.465033	-2.15039	0.668369	1.14438	1.14438	0.00313225	2.282499	-3.53984	0.381385	1.32439	1.32439	0.0200741	0.4157	-2.40558	0.119779	0.589666	-1.69587	0.529908	0.817811	-1.22278	3.69486	5.73064	1.37864	1
cg02257671	CPS2	0.0395025	0.807317	0.960993	-1.04059	0.0175239	0.410283	-2.43734	0.0110613	0.374573	-2.66972	0.0959216	0.569204	-1.75684	0.291905	0.713908	-1.40074	0.157739	0.627854	-1.59273	0.7254161	1.1148	1.1148	0.172697	0.409095	-2.44442	0.0157687	0.401859	-2.48843	3.70014	5.56533	1.33697	1
cg13970204	CPS2;NODAP1	0.00367182	0.003998812	0.31796	-3.14615	0.00215002	0.903696	0.903696	0.00224805	0.38898	0.38898	0.522016	1.91917	1.20344	0.224907	0.521042	-1.91917	0.173478	1.51177	1.51177	0.208979	0.685214	1.4594	0.602075	1.16154	1.16154	0.624459	0.868666	-1.15119	0.507727	10.3918	1.14644	1
cg10324096	CPS2;NODAP1	0.0212874	0.528968	0.873997	-1.14417	0.0166838	1.85345	1.85345	0.0156947	1.86876	1.86876	0.229326	1.30519	1.30519	0.6132253	1.10717	1.10717	0.28577	1.26375	1.26375	0.882211	0.66594	-1.50164	0.00296352	2.36602	2.36602	0.800286	1.05498	1.05498	4.60559	3.25208	0.627659	1
cg18666330	CPS3	0.0275079	0.229016	1.87198	-1.14293	0.0943369	1.12545	1.12545	0.185257	1.19637	1.19637	0.185257	1.16717	1.16717	0.81958	1.02525	1.02525	0.00734543	1.93062	1.93062	1.70551	1.22429	1.22429	0.676297	1.04689	1.04689	0.77984	0.960879	-1.03106	6.57127	1.19566	0.167688	1
cg00696462	CPS3	0.01151302	0.120009	0.454048	-2.20241	0.0829128	0.407043	-2.45674	0.0345463	0.315429	-3.17028	0.591991	0.776268	-1.28822	0.0015752	0.119448	-8.37182	0.019495	0.266673	-3.74991	0.0027581	0.133553	-7.48768	0.909497	1.05467	1.05467	0.0251054	0.287316	-3.48049	5.64924	19.6061	3.08496	1
cg15901950	CPS3	0.00203685	0.921564	1.07751	1.077514	0.0909925	1.85009	1.85009	0.0156704	1.64353	1.64353	0.15436	0.607423	0.681013	-1.4684	0.1615759	1.380184	1.38238	0.629705	1.0973	1.09073	0.155648	-6.72188	0.701287	1.07133	1.07133	0.0146304	0.805143	-1.24202	7.15557	8.04675	1.06498	1
cg12046908	CPS3L	0.00597663	0.648587	0.825678	-1.21113	0.472323	1.35689	1.35689	0.779302	0.889332	-1.12444	0.377515	1.45941	1.45941	0.00674012	0.230719	4.33427	0.058745	0.410119	2.43831	0.000207076	0.0747612	-13.3759	0.812095	1.10453	1.10453	0.0496638	0.392644	-2.54684	6.94752	19.178	2.4537	1
cg08663263	CPS3L	0.00974136	0.242325	0.61684	-1.62116	0.00138242	0.160249	-6.2403	0.348602	0.683176	-1.46375	0.00732083	0.255325	-3.91658	0.079722	0.463374	-2.15809	0.002851	0.197663	-5.05911	0.931215	0.966488	-1.03467	0.636934	1.63164	1.63164	0.0959157	0.485776	-2.05856	5.96031	14.7161	2.19468	1
cg15736440	CPS3L	0.01404543	0.00683126	0.294104	-3.40116	0.0069167	0.50427	-1.98306	0.00102707	0.352591	-2.83614	0.701634	1.0851	1.0851	0.0002177	4.592	-2.17543	0.012736	0.548402	-1.82417	0.0048492	0.217	-4.60849	0.0222	0.844158	0.844158	0.0159085	0.402785	-2.02928	5.29315	5.27877	0.886473	1
cg14512203	CPS3L	0.01836031	0.0489679	0.285238	-3.50584	0.03702241	0.258889	-3.86266	0.224953	0.491047	-2.03646	0.567363	0.724269	-1.3807	0.019928	0.208498	4.7962	0.168934	1.19966	-5.08492	0.000858442	0.0612089	-16.3375	0.852207	0.900161	-1.10968	0.12527	0.396177	-2.52413	4.84271	23.8824	4.38366	1
cg04926200	CPS3L	0.02004561	0.00959063	0.469384	-2.13454	0.0154423	0.166572	-6.00045	0.0134755	0.347453	-2.87867	0.0499163	0.54684	1.82872	0.0047722	0.378926	-2.64007	0.063464	1.16374	1.63174	0.0466294	0.613	-1.63615	0.200947	1.1761	1.1761	0.40232	0.817533	-1.22419	4.64662	4.08509	0.777786	1
cg08939275	CPS3L	0.01236557	0.103299	2.03423	2.03423	0.206352	-1.70096	1.70096	0.334896	2.67344	2.67344	0.0113168	1.53955	1.53955	0.364354	1.44954	1.44954	0.610654	1.22708	1.22708	0.179374	1.76541	1.76541	0.0015768	0.10247	6.10247	0.0918869	2.09494	1.97366	1.30056	2.23596	1
cg10435967	CPS3L	0.01344692	0.65036	0.827969	-1.20777	0.0288053	0.344172	-2.90553	0.280286	0.628566	-1.59092	0.00741088	0.239999	-4.16668	0.143621	0.521996	-1.91572	0.131222	0.50959	-1.96236	0.464296	0.734815	-1.36089	0.201587	0.572404	-1.74702	0.00216755	0.168568	-5.93233	3.88856	10.5408	2.40951	1
cg16527939	CPS3L	0.0488219	0.865519	1.0234	1.0234	0.0975148	1.12967	1.12967	0.0854449	0.940953	-1.06311	0.4236	1.17496	1.17496	0.0113254	0.883982	-1.13097	0.150915	1.18293	1.18293	0.0087343	1.339082	-1.57184	0.553371	1.13183	1.13183	0.075324	0.676843	-1.47745	3.44225	2.11071	0.547912	1
cg17612270	CPS3L;GLTPD1	0.01440115	0.365152	0.935914	-1.06847	0.0665298	1.15772	1.15772	0.0100239	1.26033	1.26033	0.26505	1.08207	1.08207	0.0201331	1.39438	1.39438	0.289951	1.08132	1.08132	0.205437	0.909295	-1.09975	0.156234	0.897661	-1.11401	0.415561	1.06102	1.06102	2.5208	0.421332	0.071357	1
cg22397910	CPS3L;GLTPD1	0.00234449	0.276833	1.05492	1.054923	0.0190925	1.85009	1.85009	0.0156704	1.64353	1.64353	0.15436	0.607423	0.681013	-1.4684	0.1615759	1.380184	1.38238	0.629705	1.0973	1.09073	0.155648	-6.72188	0.701287	1.07133	1.07133	0.0146304	0.805143	-1.24202	7.15557	8.04675	1.06498	1
cg13366445	CPS4;CPS4;PTCD1	0.00971697	0.00925651	0.652407	-1.53279	0.470515	0.909435	-1.09958	0.983483	0.997327	-1.00268	0.000833698	0.521866	-1.9162	0.367665	0.88722	-1.12712	0.565051	0.927546	-1.07811	0.0102199	0.657893	-1.52	0.00537702	0.625539	-1.60632	0.0444148	0.741905	-1.34788	5.96509	1.57978	0.235412	1
cg03477775	CPS4;PTCD1;CPS4	0.00066272	0.00999738	0.544527	-1.83646	0.00370498	2.03098	2.03098	0.030478	0.728781	-1.37215	0.248619	0.860742	-1.16179	0.000229543	0.467268	-2.1401	0.034634	0.735723	-1.35921	0.782803	1.03496	1.03496	0.856698	0.977774	-1.02273	0.739313	0.96482	-1.03646	13.1921	3.23052	0.217674	1
cg07184541	CPS4;PTCD1;CPS4;PTCD1	0.00226478	0.773867	1.09754	1.097541	0.0809479	1.0374	1.0374	0.0156704	1.27175	1.27175	0.687399	1.08884	1.08884	0.0143353	1.54346	1.54346	0.748013	1.01862	1.01862	0.96134	1.02706	-1.05	0.455318	0.914934	1.25706	0.0459383	0.116787	1.07538	2.47227	0.125191	1
cg13827212	CPS4;PTCD1;CPS4;PTCD1	0.00690426	0.595235	1.09529	1.09529	0.386487	0.860115	-1.16263	0.0108932	0.581249	-1.72043	0.0372583	1.50743	1.50743	0.00203025	2.09304	2.09304	0.954825	1.00966	1.00966	0.0106269	0.579662	-1.72514	0.139986	1.30937	1.30937	0.166221	1.28479	1.28479	6.64357	3.03171	0.405633	1
cg26022168	CPS4L	0.01778635	0.0177526	0.537529	-1.86078	0.0130383	0.362881	-2.76181	0.0403708	0.648917	-2.15257	0.634431	1.10501	1.10501	0.00734549	0.475182	-2.1047	0.079259	0.657285	1.52151	0.0077628	0.474982	-2.08815	0.0204902	0.804093	1.24351	0.0473229	0.60319	-1.65785	6.60669	4.68317	0.652963	1
cg19393755	CPS4L	0.0188865	0.0991352	0.678863	-1.47305	0.0109097	0.50427	-1.98306	0.00102707	0.352591	-2.83614	0.701634	1.08597	1.08597	0.111288	0.689589	-1.45014	0.110564	0.688976	-1.45143	0.0933696	0.646551	-1.54667	0.269778	0.907054	-1.75273	0.118398	0.650431	-1.43796	4.79676	1.48744	0.646259	1
cg17641443	CPS4L	0.0312622	0.0579864	0.721474	-1.38605	0.0366102	0.69075	-1.4477	0.00133732	0.491507	-2.03456	0.0968142	0.757546	-1.32005	0.0876517	0.750366	-1.33268	0.886125	1.02207	1.02207	0.529024	1.10203	1.10203	0.24673	0.831506	-1.20264	0.2504475	0.832825	-1.20073	4.02731	1.48017	0.326695	1
cg00424746	CPS5	0.00096004	0.0196256	0.639753	-1.56351	0.0139153	0.164772	-6.06988	0.0134755	0.347453	-2.87867	0.0499163	0.217189	-4.60427	0.0017589	0.31567	-3.16567	0.039238	0.748239	-1.33607	0.0048042	0.359258	-2.78312	0.0204902	0.804093	1.24351	0.0473229	0.60319	-1.65785	6.60669	4.68317	0.652963	1
cg06701405	CPS5	0.00261713	0.0220852	0.565155	-1.76943	0.798643	0.667594	-1.49792	0.573742	0.88854	-1.12544	0.6049759	1.53854	1.53854	0.000681218	0.333408	-2.99933	0.035008	0.600059	-1.6665	0.00262475	0.42064	-2.37733	0.0306699	1.69532	1.69532	0.0262606	0.578078	-1.72987	8.91101	6.10028	0.608514	1
cg00446329	CPS5	0.00545449	0.699128	0.871603	-1.14743	0.0816324	0.221738	-4.50983	0.0024798	0.417788	-2.39393	0.0127398	0.760082	-1.31564	0.0004729	0.276104	-3.62319	0.357787	1.37066	1.37066	0.0144095	0.211948	-4.71814	0.554851	0.819911	-1.22024	0.0122751	0.577438	-1.73179	7.53355	2.77877	0.886473	1
cg26550872	CPS5	0.00645503	0.822216	1.04777	1.04777	0.0042108	0.45175	-2.21361	0.000502211	0.323653	-3.08973	0.166344	0.736398	-1.35796	0.8143085	1.04999	1.04999	0.09270065	0.68142	-1.46752	0.0933635	1.46617	1.46617	0.677589	0.916965	-1.09055	0.0177714	0.550145	-1.8177	5.78397	4.61865	0.605172	1
cg20160579	CPS5	0.00093211	0.0145153	-1.84791	0.271747	1.12893	1.12893	0.112892	0.514468	1.16348	1.16348	0.109413	0.82972	-1.20533	0.0001451	0.1027	9.73027	0.309227	0.893559	1.11912	0.0263206	0.76923	1.299	0.676169	1.30076	1.30076	0.238147	1.14198	1.14198	5.84173	1.10763	0.161015	1
cg25192651	CPS5	0.01513365	0.8037341	1.02289	1.02289	0.1551822	1.15182	1.15182	0.903935	0.101285	1.01285	0.26972	0.879146	1.13747	0.004547	0.724339	-1.38042	0.000989864	0.579287	-1.72925	0.527439	0.70439	-1.42047	0.99243	0.9257	-1.08026	0.0600982	0.788458	1.2683	1.54552	1.0275	0.176813	1
cg17587610	CPS7;CPS7;CPS7	0.00116691	0.29022	1.28148	1.28148	0.000178637	0.238296	-4.19646	0.00033383	0.270428	-3.69784	0.431805	0.834205	-1.19875	0.589221	1.13108	1.13108	0.955531	1.01268	1.01268	0.0730043	1.57117	1.57117	0.356475	1.23899	1.23899	0.795757	1.06036	1.06036	10.1616	8.21619	0.718717	1
cg03842113	CPS7;CPS7;CPS7;SDHAF2	3.99E-05	0.0139752	0.852698	-1.17295	0.264869	1.0629	1.0629	0.534886	0.777284	-1.28607	0.0193365	0.959866	-1.04178	0.0004701	0.239644	-4.17387	0.333074	1.05381	1.05381	0.325127	0.460564	-2.14701	0.0623077	1.895046	-1.11656	0.0452879	0.960653	-1.04096	28.2618	1.23345	0.038945	1
cg27256934	CPS7;CPS7;CPS7;SDHAF2	0.0469217	0.0266848	0.612153	-1.63358	0.576152	0.89983	-1.11132	0.0553378	0.666351	-1.50071	0.382314	0.907257	1.10242	0.0001451	0.1027	9.73027	0.980861	0.995527	1.00449	0.0199827	0.591692	-1.69007	0.230368	0.790436	-1.26512	0.574727	0.899468	-1.11177	0.0348115	1.58369	1.58369	0.470594	0.191986	0.491715	1
cg09709946	CPT1A;CPT1A	8.82E-05	0.131437	0.876179	-1.14126	0.0501945	0.814508	-1.19811	0.00743814	0.736513	-1.32223	0.886074	1.01168	1.01168	4.99E-06	0.430162	-2.32363	0.0491934	1.19953	1.19953	0.00937756	1.58582	1.58582	0.0422889	0.827342	-1.20869	0.0022598	0.707884	-1.41246	22.8054	2.8095	0.0924359	1
cg09886934	CPT1A;CPT1A	4.26E-06	0.332148	0.01007	0.6975116	0.960292	-1.04135	0.0402293	0.704251	-1.05591	0.2035643	0.8706557	-1.14856	0.164752	1.01117	1.01117	0.7119192	0.1778305	0.188221	-1.195	0.403702	0.928825	-1.07662	0.0644599	0.853742	-1.16629	0.975776	1.00315	1.00315	13.8434	2.39935	0.154695	1
cg03632892	CPT1A;CPT1A	0.00084736	0.12213	0.710097	-1.40826	0.2999224	0.08	-2.14545	0.559064	1.12831	1.12831	0.156663	0.733771	-1.36282	0.931481	0.982582	-1.01773	0.546409	0.882742	-1.13283	7.09E-06	0.113505	-7.60425	0.299268	0.802664	-1.24585	0.839099	1.04242	1.04242	12.3497	8.16619	0.587773	1
cg26989116	CPT1A;CPT1A	0.00247951	0.1838795	0.8109	-1.23328	0.0624791	0.38285	-2.61135	0.0364962	0.612656	-1.63286	0.0882117	0.877597	1.13994	0.0001562	0.563852	-1.77353	0.302783	0.917302	-1.09045	0.0001562	0.563852	-1.77353	0.123843	1.15133	1.15133	0.0424835	0.82164	-1.21757	0.50354	0.00036	0.000036	1
cg25610526	CPT1A;CPT1A	0.00270883	0.0183505	0.590974	-1.69212	0.674559	0.925318	-1.08071	0.00465106	0.500666	-1.99734	0.00970031	0.548057	-1.82463	0.000230519	0.325014	-3.07679	0.0269061	0.61774	-1.6188	0.0963244	1.39877	1.39877	0.915159	0.980605	-1.01978	0.0133512	0.569326	-1.75646	8.82088	4.71908	0.475547	1
cg10709396	CPT1A;CPT1A	0.00272102	0.0054057	0.400823	-2.49982	0.0024155	0.335842	-2.97759	0.118816	0.645745	-1.5486	0.330454	0.771501	-1.29618	0.123159	0.649576	-1.53947	0.003687	0.362804	-2.75631	0.0004289	0.23936	-4.17805	0.0996896	1.80957	1.80957	0.9656	0.988021	-1.0112	8.36242	8.77573	0.599451	1
cg18262591	CPT1A;CPT1A	0.00357588	0.00336354	0.593189	1.93189	0.919416	0.983434	-1.01684	0.000402228	0.394952	-2.53192	0.960161	1.01966	1.01966	0.443474	0.878997	-1.13766	0.556085	1.10327	1.10327	0.66095	0.930836	-1.0743	0.00792163	1.7544	1.7544	0.20714	1.24557	1.24557	8.11949	2.504	0.383603	1
cg14249520	CPT1A;CPT1A	0.00419004	0.539524	0.914286	-1.09375	0.00101707	2.01983	2.01983	0.285848	0.852222	-1.1734	0.846848	0.97249	-1.02829	0.1039	0.773732	-1.29244	0.955531	1.01268	1.01268	0.0730043	1.57117	1.57117	0.356475	1.23899	1.23899	0.795757	1.06036	1.06036	10.1616	8.21619	0.718717	1
cg02715470	CPT1A;CPT1A	0.00645629	0.4778324	0.885238	-1.12929	0.264869	1.0629	1.0629	0.534886	0.777284	-1.28607	0.0193365	0.959866	-1.04178	0.0004701	0.239644	-4.17387	0.333074	1.05381	1.05381	0.325127	0.460564	-2.14701	0.0623077	1.895046	-1.11656	0.0452879	0.960653	-1.04096	28.2618	1.23345	0.038945	1
cg13491471	CPT1A;CPT1A	0.0100026	0.891707	0.960268	-1.04138	0.328448	0.740661	-1.35015	0.0211853	0.438349	-2.28128	0.596563	1.17234	1.17234	0.0002098	0.157975	-6.3301	0.125464	0.610453	-1.63813	0.840792	0.941893	-1.06169	0.312804	1.36444	1.36444	0.480725	0.807886	-1.2378	5.91013	8.29179	1.24709	1
cg19964581	CPT1A;CPT1A	0.01313776	0.7939823	1.03282	1.032823	0.0222119	1.01684	1.01684	0.0156704	1.07232	-1.13995	0.8354994	1.07232	1.07232	0.0684355	1.289359	1.289359	0.1440355	1.10404	1.10404	0.0022398	2.16127	2.16127	0.0159441	1.082469	1.08247	0.1864576	1.09901	1.001	1.001	4.30594	2.98403	0.693241	1
cg23406642	CPT1A;CPT1A	0.01353134	0.325238	0.814751	-1.22737	0.0145582	0.545022	-1.83479	0.00395909	0.457681	-2.18492	0.0194789	0.565775	-1.76749	0.0102296	0.520527	1.92113	0.0312204	0.600597	-1.66501	0.107839	1.42458	1.42458	0.829374	1.04449	1.04449	0.256549	0.787541	-1.26978	5.35918	3.45243	0.572629	1
cg02146941	CPT1A;CPT1A	0.01193103	0.323531	0.760769	-1.31446	0.0117231	0.429826	-2.32652	0.04924	1.20621	1.20621	0.231056	1.40058	1.40058	0.00055905	2.239173	-4.18108

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	Ratio(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	Ratio(121T vs. N)	p-value(1347 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error		
1a13709016	CPXM2	0.00130287	0.00708434	0.593302	1.80733	0.326551	0.184739	-1.18802	0.00600886	0.540312	-1.84158	0.040751	0.079408	-1.47187	0.000851347	0.426301	-2.34576	0.172021	0.780923	-1.28054	0.220995	1.24463	1.24463	0.000105539	0.311981	-3.20532	0.288247	1.20627	1.20627	0.91922	5.00008	0.407299	1
gb	8996459	CPXM2	0.00210844	0.657254	1.09204	1.09204	0.662008	1.50126	1.50126	0.0412119	0.628531	-1.59101	0.552013	1.12596	1.12596	0.0011913	0.391897	-2.55169	0.144877	1.36169	1.36169	0.965946	0.991617	-1.00845	0.000189384	0.280098	-3.45904	0.402587	1.184	1.184	0.94953	5.84625	0.547333	1
gb	2934958	CPXM2	0.00269624	0.962505	1.01265	1.01265	0.0345043	1.93386	1.93386	0.0887421	0.605186	-1.65238	0.92008	1.0269	1.0269	0.503184	1.1993	1.1993	0.370244	1.27906	1.27906	0.750621	1.08903	1.08903	5.50E-05	0.134228	-7.45001	0.408091	1.254	1.254	0.83303	10.0097	1.00731	1
gb	3633305	CPXM2	0.00412178	0.0531853	0.622161	-1.60728	0.0722246	0.648291	-1.54253	0.681253	1.06444	-1.09332	0.0399722	0.708981	-1.67006	0.00604458	0.460861	-2.16985	0.823118	0.952786	-1.04955	0.0384526	1.67877	1.67877	0.00021702	0.229747	-3.79151	0.785327	0.942725	-1.06076	0.78177	5.75145	0.656072	1
gb	1726753	CPXM2	0.00620121	0.523096	0.885499	-1.12931	0.29625	1.22568	1.22568	?	?	?	0.0279532	0.613881	-1.62898	0.00349227	2.1056	2.1056	0.30489	1.22096	1.22096	0.010552	1.83031	1.83031	0.00734636	0.522436	-1.91411	0.420434	1.16726	1.16726	0.71023	3.48572	0.497021	1
gb	9968533	CPXM2	0.00662404	0.00251727	0.444128	-2.25099	0.547267	1.12498	1.12498	0.66372	1.08827	1.08827	0.156195	0.745789	-1.34086	0.04187865	0.635432	-1.57373	0.118818	0.720825	-1.3873	0.000294213	0.193678	-3.18214	0.0873111	0.6094193	-1.44052	0.425302	0.854343	-1.17049	0.72976	3.98092	0.526341	1
gb	1697737	CPXM2	0.00771806	0.0354917	5.26153	5.26153	0.0445388	4.78122	4.78122	0.0958529	3.45766	3.45766	0.0615519	4.17201	4.17201	0.0162073	7.3497	7.3497	0.0126934	8.17355	8.17355	0.000567751	37.3972	37.3972	0.00541487	11.9738	11.9738	0.0123938	8.10564	8.10564	0.41609	46.7401	6.47666	1
gb	5539012	CPXM2	0.01214666	0.209876	1.54525	1.54525	0.0355056	2.17374	2.17374	0.0929947	0.703702	-1.42106	0.570561	1.20807	1.20807	0.0475849	2.1089	2.1089	0.0779134	1.90605	1.90605	0.007246	3.94304	3.94304	-1.18618	0.000102662	0.291417	-4.96482	0.609594	0.849397	-1.13484	0.55157	9.55356	1.52675	1
gb	6557421	CPXM2	0.01229404	0.0862346	2.18321	2.18321	0.01094	3.72674	3.72674	0.0578567	2.41895	2.41895	0.170307	1.26121	1.26121	0.0178542	2.23352	2.23352	0.0128361	3.57132	3.57132	0.000603927	8.83512	8.83512	0.000359	2.84852	2.84852	0.20588	1.73269	1.73269	5.4383	14.6146	2.38876	1
gb	0307942	CPXM2	0.01397757	0.0494862	0.383433	-2.60802	0.00480943	0.201906	-4.9528	0.00647356	0.220059	-4.54423	0.0886276	0.447856	-2.23286	0.4726	0.731666	-1.36674	0.264586	0.608188	-1.64423	0.010667	0.253391	-3.94647	0.00226832	0.163004	-6.21103	0.11428	0.47968	-2.08472	5.30291	15.3605	2.57477	1
gb	4602157	CPXM2	0.01402115	0.0931736	0.39122	-2.55599	0.0146955	0.42548	-2.35007	0.0228355	0.536252	-1.86491	0.0996627	0.132174	-7.56407	0.0237417	5.1405	5.1405	0.0779134	4.54542	4.54542	0.00107945	17.5917	17.5917	0.00078348	8.23985	8.23985	0.0263596	4.77057	4.77057	0.29721	29.5281	3.95491	1
gb	0862701	CPXM2	0.01453136	0.0132823	3.19863	3.19863	0.00226403	0.142486	4.21846	0.0624343	2.21378	2.21378	0.117803	1.90342	1.90342	0.0156245	2.13426	2.13426	0.178241	1.78241	1.78241	0.0116247	3.30464	3.30464	0.0226403	5.04732	5.04732	0.0414212	2.43827	2.43827	0.0853066	2.05682	2.05682	0.145334	11.7027	2.02171	1
gb	1810495	CPXM2	0.01515178	0.154089	0.5195953	-1.92325	0.0118601	0.260197	-3.84234	0.306992	0.635594	-1.57342	0.0268277	0.321666	-3.10885	0.0130309	0.260949	-3.74603	0.180052	0.579829	-1.72469	0.00267519	0.156029	-6.40908	0.044206	0.373137	-2.69311	0.34687	0.945716	-1.05731	0.94673	14.9675	2.58996	1
gb	1216321	CPXM2	0.01548407	0.0235895	11.129	11.129	0.0155867	14.0609	14.0609	0.0141553	11.5101	11.5101	0.0078242	4.21692	4.21692	0.0133505	4.42392	4.42392	0.0184814	12.7664	12.7664	0.0549627	6.99971	6.99971	0.00499532	27.4264	27.4264	0.00653262	21.3225	21.3225	0.00674378	22.8914	22.8914	5.12643	64.5033	11.1844	1
gb	5906144	CPXM2	0.01904822	0.185822	1.86104	1.86104	0.0106041	1.44969	1.44969	0.334216	0.643404	-1.55423	0.159133	0.513616	-1.94698	0.0042105	0.172733	0.533923	-5.45485	0.401197	1.4627	1.4627	0.0342674	2.07247	2.07247	0.00042721	0.183323	-5.45485	0.0449888	2.00564	2.00564	0.0406726	3.03096	0.0	0.0	0.0	0.0	0.0	1
gb	2633393	CPXM2	0.01995752	0.0575184	0.59179	1.95179	0.0108009	0.616065	-1.62315	0.0176922	0.563228	-1.77502	0.0127966	0.532128	1.87909	0.0015242	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb	5801246	CPXM2	0.02444494	0.0781099	3.69818	3.69818	0.00299935	15.1712	15.1712	0.056319	4.23738	4.23738	0.198606	2.47821	2.47821	0.332253	1.95094	1.95094	0.02662	5.7866	5.7866	0.00564946	11.3182	11.3182	0.0207473	6.42513	6.42513	0.127659	3.00576	3.00576	0.39107	31.0452	6.2845	1
gb	2289561	CPXM2	0.02277705	0.362881	0.709805	-1.2525	0.0193781	1.02124	1.02124	0.922264	0.924584	-1.08173	0.782774	-1.27751	0.27821	0.762265	-1.31188	0.403902	0.814161	-1.22826	0.968906	1.00943	1.00943	0.0591478	1.67024	0.00427134	0.396821	-2.52003	0.149613	0.682767	-1.46463	0.41999	3.85041	0.815972	1
gb	1391127	CPXM2	0.02987398	0.833831	0.962079	-1.03942	0.276344	1.21656	1.21656	0.00302104	0.829432	-1.21286	0.164774	1.36186	-1.31557	0.111353	0.727072	-1.37555	0.596266	0.906296	-1.10339	0.014273	1.74388	1.74388	0.0057514	0.906216	-1.10339	0.014943	2.22541	2.22541	0.047626	1		
gb	0630088	CPXM2	0.04443401	0.1090013	3.19022	3.19022	0.0287364	5.54159	5.54159	0.0737072	3.75589	3.75589	0.139366	2.87458	2.87458	0.189605	2.51496	2.51496	0.0605768	4.07317	4.07317	0.00517831	11.5855	11.5855	0.0172105	6.86614	6.86614	0.0478118	4.49036	4.49036	3.54237	24.7178	6.20244	1
gb	4676407	CPXM2;CPXM2	0.01578222	0.0295372	17.7934	17.7934	0.0169351	12.3647	12.3647	0.0148	26.2407	26.2407	0.110297	7.05432	7.05432	0.0752987	9.23566	9.23566	0.0128566	13.0554	13.0554	0.0033845	16.2948	16.2948	0.00201516	131.137	131.137	0.00821559	44.5088	44.5088	0.0200952	23.2913	23.2913	5.09415	101.669	17.7405	1
gb	2703782	CPXM2;CPXM2	0.04524334	0.0482255	18.6346	18.6346	0.0523832	17.4352	17.4352	0.139666	7.84109	7.84109	0.0165088	9.80627	9.80627	0.0275445	6.78619	6.78619	0.0539588	17.1009	17.1009	0.00790084	82.6434	82.6434	0.0237317	33.046	33.046	0.0238831	32.872	32.872	5.81841	93.5497	23.6344	1
gb|1951974	CPZ;CPZ	4.46E-06	1.88E-06	3.97658	-24.3134	1.48E-05	0.0729424	2.05193	0.0488443	0.0354465	2.81924	0.0244441	0.0665425	3.57246	1.57E-05	0.0647221	-15.4507	0.0221225	2.448	2.448	1.74E-05	0.0214657	-46.5859	7.44E-05	0.0214657	-46.5859	7.44E-05	0.0214657	-46.5859	7.44E-05	0.0214657	-46.5859	7.44E-05	0.0214657	-46.5859	7.44E-05	0.0214657	-46.5859	7.44E-05	1
gb	5535027	CPZ;CPZ;CPZ	2.14E-06	1.42E-05	0.345113	-2.8976	0.00694003	0.662939	-1.50843	0.524601	0.926932	-1.07883	0.282237	0.876786	-1.14053	7.10E-06	0.310973	3.21572	0.192268	0.850093	-1.17634	1.28E-07	0.139411	-7.17304	1.55E-06	0.239642	-4.17289	0.000148272	0.464205	-2.15422	60.3915	13.2444	0.194942	1
gb	2510758	CPZ;CPZ;CPZ	3.15E-06	8.42E-05	0.230433	-4.33965	1.18E-05	0.354997	-2.81692	9.84E-06	0.345991	-2.89025	0.250521	1.14353	1.14353	0.164	6.09E-06	0.305762	3.27052	0.104055	0.0537587	1.22715	0.0022784	0.516253	-1.93703	2.09E-05	0.183491	-2.60582	0.54503	10.7994	0.175652	1
gb|5105427	CPZ;CPZ;CPZ	6.02E-05	0.000149098	0.0134	-74.6253	0.0001	0.0760558	-0.0715	0.0012882	0.0130558	-7.65888	0.0010344	0.0248441	0.18024	-5.54E-05	0.0076512	0.52848	0.0076512	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb	8116915	CPZ;CPZ;CPZ	8.61E-05	0.000196145	0.357639	-2.79612	0.0308109	0.659374	-1.51659	3.56E-05	0.269845	-3.70583	0.117103	0.756136	-1.32251	0.000135069	0.337753	2.96074	0.070637	1.05648	1.05648	0.00405799	2.5955	2.5955	0.0458488	2.1814	0.00875393	0.458488	-2.18861	0.0894567	0.735296	-1.36	23.0431	5.84106	0.37962	1
gb	2884093	CPZ;CPZ;CPZ	0.00012143	0.0976241	0.171495	-5.82975	0.0139114	0.13101	-7.63312	0.0222504	0.0144	1.01331	0.978246	0.98779	-1.01254	0.0144	1.00414	0.000250977	2.35765	2.85765	8.89E-06	0.0128351	4.4548	4.4548	0.0001	4.74016	-1.33956	0.0158758	0.09987	-1.0999	10.018	6.78388	0.0288818	1		
gb	2310062	CPZ;CPZ;CPZ	0.00023391	0.144542	-7.73591	-1.36316	0.899788	1.02522	1.02522	0.613541	1.10591	1.10591	0.396391	1.18729	1.18729	0.800065	1.05145	1.05145	0.0006593	3.65653	3.65653	2.80481	3.98E-06	0.120098	-8.32654	0.0308565	0.605385	-1.65061	0.0408933	0.527197	1.5944	0.71167	10.9023	0.550099	1
gb	2570690	CPZ;CPZ;CPZ	0.00023989	0.00770307	0.413178	-2.42026	0.00304475	0.350655	-2.8518	0.0501714	0.561899	-1.77968	0.703805	0.906099	-1.10363	0.000903818	0.275731	3.6032	0.0911108	0.618751	-1.61616	6.32E-06	0.0740837	-13.4983	0.000480014	0.234648	-4.2617	0.01572	0.465711	-2.14725	17.4854	18.453	0.938176	1
gb|2657659	CPZ;CPZ;CPZ	0.00024131	0.00350652	0.348402	-2.87011	0.0355056	2.37374	2.37374	0.0929947	0.704142	-1.42054	0.570561	1.20807	1.20807	0.0475849	2.1089	2.1089	0.0240812	3.26	3.26	0.00180707	5.4602	5.4602	-1.15533	0.0492931	0.794507	-3.02854	0.0180307	0.71402	-1.40042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb	2323818	CPZ;CPZ;CPZ	0.00074954	0.00120978	0.229881	-4.34819	0.00722213	0.34124	-2.93049	0.0158628	0.399996	-2.50002	0.446678	0.786193	-1.27195	0.00112338	0.225954	4.42569	0.137241	0.608696	-1.64286	5.97E-05	0.100064	-9.99356	0.000929734	0.21587	-4.63241	0.00459688	0.310399	-3.22166	12.7627	19.4423	1.3541	1
gb	2008664	CPZ;CPZ;CPZ	0.00145423	0.00188448	0.289308	-3.45644	0.0124459	0.252493	-3.96042	0.0104424	0.185162	-5.40032	0.0196532	0.0974495	10.2693	0.00244441	0.409543	4.09543	0.0906452	0.0396961	-2.48704	0.00142467	0.702182	1.42443	-2.0191	0.000670297	0.541924	-1.84522	0.0132179	0.846751	1.18084	0.846279	0.0104104	1		
gb	6425397	CPZ;CPZ;CPZ	0.00156548	0.126354	0.62752	-1.59537	0.0349196	0.500259	-1.99897	0.00282171	0.313776	-3.18699	0.00295774	0.316751	-3.15705	7.94E-05	0.13409	-7.45769	0.00178749	0.285789	-3.49908	0.0129173	0.449123	-2.38593	0.04814487	0.529206	-1.88962	0.0159385	0.435337	2.29707	10.3514	13.0162	1.11773	1
gb	3845040	CPZ;CPZ;CPZ	0.00188627	0.00243445	0.414276	-2.41385	0.00638	0.691929	-1.44523	0.11108	0.143696	-6.9396	0.722228	1.0774	1.0774	0.119278	0.702525	-1.42344	0.682894	0.917793	-1.08957	0.00844959	0.350565	-2.85253	0.00206104	0.403942	-2.47559	0.00067924	0.338048	-2.95816	8.80757	6.77531	0.614066	1
gb	4281209	CPZ;CPZ;CPZ	0.00228373	0.00228373	0.437	-2.28785	0.0124485	-2.24344	0.11512	0.4396	2.27509	-2.45436	0.0983	0.0944441	10.5893	0.00764721	0.131931	7.58021	0.0307646	0.165911	-6.02753	0.00134554	0.0357889	-27.9511	0.00656026	0.188607	-4.1595	0.00729373	0.13664	3.10705	0.0459065	-21.7536	0.667277	88.3011	11.6925	1		
gb	5384957	CPZ;CPZ;CPZ	0.00398857	0.048069	0.551598	-1.81291	0.586604	0.865397	-1.15554	0.000431751	0.23085	-4.33182	0.963557	0.988042	-1.0121	0.00119675	0.286509	3.49029	0.355184	1.28458	1.28458	0.814367	1.06389	1.06389	0.144514	0.661865	-1.51088	0.00473949	0.372431	-2.68506	7.85927	8.62947	0.976	1		
gb|0514495	CPZ;CPZ;CPZ	0.00411645	0.00270995	0.3	-3.33333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0107709	1.4106	1.4106	?	?	?	0.0108373	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb|2341675	CPZ;CPZ;CPZ	0.00531351	0.263583	0.827522	-1.20843	0.0112345	0.596005	-1.67831	0.0104147	0.592146	-1.68877	0.0309299	0.662589	-1.50923	0.001226	0.463852	2.15586	0.0032746	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb	2539248	CPZ;CPZ;CPZ	0.01245339	0.00613089	0.376728	-2.5146	0.121725	0.648859	-1.54117	0.601089	0.87283	-1.1457	0.579568	1.15521	1.15521	0.00163333	0.312432	3.20069	0.199789	1.418	1.418	0.0574145	1.74042	1.74042	0.219423	0.716789	-1.39511	0.248128	0.732498	-1.36519	5.50666	5.7977	0.935868	1		
gb	2389239	CPZ;CPZ;CPZ	0.01659772	0.0297714	0.3863	-2.58851	0.0133114	0.521375	-1.91768	0.0132533	0.509779	-1.96179	0.0397953	0.739253	-1.3523	0.00135069	0.345457	2.89572	0.0696147	0.626645	-1.5963	0.0109306	0.440183	-2.26815	0.00178703	0.322683	-3.09872	0.0110173	0.344507	-2.9027	0.0926551	0.964895	-1.03638	0.0270983	0.50312	-1.98872	5.03173	5.52388	0.886253	1
gb	1294820	CPZ;CPZ;CPZ	0.0193472	0.0107248	0.49387	-2.02434	0.0415421	0.547755	-1.82563	0.161261	0.680556	-1.46554	0.746901	1.08645	1.08645	0.0128657	0.516857	1.93477	0.0963147	0.626451	-1.5963	0.0109306	0.440183	-2.26815	0.00226043	0.196403	-5.08955	0.0110166	0.344508	-2.90539	0.295278	8.75704	0.304	0.927408	1		
gb|2284761	CPZ;CPZ;CPZ	0.0194796	0.388051	0.613839	-1.63178	0.0932	0.848179	-1.17923	0.0507175	0.641107	-1.55972	0.0242904	0.302652	-3.30495	0.0188866	0.615682	1.62459	0.0244684	1.88365	1.88365	0.53086	1.39473	1.39473	0.0147186	1.44534	1.44534	0.0477273	0.984466	-1.01574	4.94095	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb	0226482	CPZ;CPZ;CPZ	0.03711333	0.190658	1.66828	1.66828	0.00478331	1.98719	1.98719	0.755043	0.890842	-1.12253	0.120739	0.537143	-1.8617	0.795399	1.10073	1.10073	0.401811	0.728398	-1.37288	0.362203	0.707591	-1.41325	0.0224728	2.74468	2.74468	0.123881	1.85046	1.85046	3.78564	8.1779	1.92021	1		
gb|2389239	CPZ;CPZ;CPZ	0.03709714	0.0797425	1.27445	-1.28479	0.339114	1.51031	1.51031	0.0705424	1.20414	1.20414	0.0804414	0.662589	-1.50923	0.0012355	0.463852	2.15586	0.0032746	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb	1294820	CPZ;CPZ;CPZ	0.0193472	0.0107248	0.49387	-2.02434	0.0415421	0.547755	-1.82563	0.161261	0.680556	-1.46554	0.746901	1.08645	1.08645	0.0128657	0.516857	1.93477	0.0963147	0.626451	-1.5963	0.0109306	0.440183	-2.26815	0.00226043	0.196403	-5.08955	0.0110166	0.344508	-2.90539	0.295278	8.75704	0.304	0.927408	1		
gb|5284761	CPZ;CPZ;CPZ	0.0194796	0.388051	0.613839	-1.63178	0.0932	0.848179	-1.17923	0.0507175	0.641107	-1.55972	0.0242904	0.302652	-3.30495	0.0188866	0.615682	1.62459	0.0244684	1.88365	1.88365	0.53086	1.39473	1.39473	0.0147186	1.44534	1.44534	0.0477273	0.984466	-1.01574	4.94095	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
gb	2509730	CPZ;CPZ;CPZ;CPZ;CPZ;CPZ	0.0108481	0.020587	0.335704	-2.97881	0.143107	0.540168	-1.85128	0.0588986	2.30456	2.30456	0.321707	0.673063	-1.48574	0.0527133	0.422374	-2.36757	0.00133801	6.20023	6.20023	0.23488	0.614302	-1.62786	0.866976	0.936498	-1.06781	0.646154	0.834506	-1.19831	5.75825	13.9678	2.15618	1
gb	2509748	CPZ;CPZ;CPZ;CPZ;CPZ;CPZ	0.0109242	0.0134022	0.3896	-2.56655	0.0139	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0034715	1.5384	1.5384	?	?	?	0.0033057	0.558889	0.683039	-1.46394	0.0662753	0.264958	3.77418	4.36219	10.1797	1.85267	1		
gb	2688965	CR1;CR1	0.00545722	0.565182	-1.76934	0.217651	0.650465	-1.53736	5.00E-05	0.304821	-3.28062	0.00122676	2.0921	2.0921	4.74E-05	0.302167	3.30943	0.000169302	0.363848	-2.71483	0.00269218	0.393373	-2.54212	0.000491457	0.426467	-2.34485	0.00201533	0.506542	-1.97417	26.3196	10.1591	0.343104	1
gb	1941599	CR1;CR1	0.00611781	0.44839	1.14752	1.14752	0.615367	1.09442	1.09442	0.532956	0.880405	-1.11905	0.00721208	1.8542	1.8542	0.0441763	0.662464	-1.50948	0.0044258	0.508405	1.96694	0.0188303	1.66528	1.66528	0.00310216	1.57377	1.57377	0.0528585	1.67575	-1.47982	6.89761	3.45222	0.446563	1		
gb	0258422	CR1;CR1	0.01964288	0.29336	1.25114	1.25114	0.889224	0.97176	-1.02906	0.0752523	1.54754	1.54754	0.804105	1.24362	1.24362	0.732223	1.07315	1.07315	1.54574	1.54574	1.54574	0.0104043	1.34204	1.34204	0.0104043	4.09803	4.09803	0.973949	1.00573	1.00573	6.79251	4.54532	0.594814	1		
gb	1747317	CR1;CR1	0.016165	0.681192	1.1724	1.1724	0.134169	1.86252	1.86252	0.534583	0.758498	-1.274	0.0630314	0.447012	-2.23707	0.675	0.818347	-1.22198	0.0357474	2.56216	2.56216	0.21258	1.65781	1.65781	0.000813338	0.98648	0.98648	0.189216	1.70832	1.70832	0.05371	11.866	2.08709	1		
gb	6922028	CR1;CR1	0.0210984	0.169753	1.49292	1.49292	0.0174605	1.48645	1.48645	0.0984137	0.665154	-1.50354	0.337744	0.824848	-1.21582	0.378715	0.763031	-1.31091	0.0019871	2.44124	2.44124	0.484125	0.36652	-2.72907	0.000884642	0.05012	5.05032	0.159649	6.14514	6.4188	2.71259	13.8095	1.8055	1		
gb	1098630	CR1;CR1	0.0267878	0.377253	1.37987	1.37987	0.17294	1.67433	1.67433	0.0379069	2.3524	2.3524	0.199166	1.61952	1.61952	0.327433	1.43228	1.43228	0.0018488	1.207867	-4.81077	0.282791	0.672586	-1.4868	0.6210556	1.19374	1.19374	0.98894	1.00494	1.00494	4.25342	8.50816	1.77805	1		
gb	1658585	CR1;CR1;CR1	0.0351868	0.0496154	1.80429	1.80429	0.493881	1.51192	1.51192	0.0129484	2.71159	2.71159	0.0031728	2.271585	-3.68209	0.0044368	0.451343	-2.21561	?	?	?	0.5367	2.12423	2.12423	0.0196638	4.49322	4.49322	0.8708414	1.05404	1.05404	3.46065	12.2799	1.4723	1		
gb	6825955	CR1;CR1;CR1;CR1	0.00526346	0.482645	1.215	1.215	0.089969	0.600451	-1.66541	0.403444	1.26282	1.26282	0.271606	1.36663	1.36663	0.409094	1.25914	1.25914	0.00972925	2.44124	2.44124	0.912781	0.970539	-1.03036	0.000160684	0.588258	0.233083	0.710881	1.4067	1.4067	2.72488	8.52288	1.04867	1		
gb	6557387	CR1;CR1	8.57E-08	?	?	?	1.04E-07	0.188377	5.30852	?	?	?	3.70E-08	0.094442	-10.5885	?	?	?	3.41E-08	0.0885657	-11.291	4.16E-07	0.348963	-2.86563	?	?	?	7.1068.6	17.2692	0.000182245	1		
gb	6917617	CR1;CR1	0.396-06	0.2180797	-1.23335	0.0618408	0.498958	0.104418	0.116735	1.39353	1.39353	0.138007	1.36475	1.36475	0.0010027	0.2610019	?	-3.83114	3.54E-07	0.0571794	-17.488	0.0178096	1.59756	1.59756	1.63E-05	0.163452	6.53452	0.3288883	1.21678	1.21678	4.6721	28.5878	0.533728	1		
gb	0394512	CR1;CR1	6.41E-06	0.2008027	0.851745	-1.17406	0.00316668	1.73641	1.73641	0.00077303	0.54637	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg03460012	CRAMP1L	0.02219099	0.0617623	1.03656528	-2.80459	0.5131321	0.7328442	-1.36455	0.01488952	0.2303368	4.34088	0.7113389	1.99982	1.19982	0.03393022	0.149253	6.70004	0.00512608	0.163241	-6.12591	0.194202	0.418643	-2.38867	0.702737	1.16909	0.0911534	0.40169	2.48949	4.56215	17.3546	3.38269	1
cg04085039	CRAMP1L	0.0222843	0.812418	1.04745	0.0518573	0.649603	-1.5394	0.253188	0.7923941	-1.262	0.4079	0.847841	-1.17947	0.07943223	0.5149668	-1.94187	0.00128358	0.400423	2.49736	0.312313	1.22605	0.425065	0.445686	0.859348	-1.16367	0.215706	0.775639	-1.28926	4.53391	2.73011	0.535248	1
cg08634466	CRAMP1L	0.02240093	0.4495585	1.11046	1.11046	0.263268	0.853342	-1.17186	0.01854361	0.678229	-1.47443	0.962304	0.9915594	-1.00645	0.531063	1.09012	1.09012	0.0527378	1.3491	1.3491	0.00174464	1.834777	1.834777	0.930542	1.01193	1.011931	0.89528	0.982251	-1.01807	4.5252	1.32534	0.260337	1
cg01278868	CRAMP1L	0.0282065	0.0198405	0.195186	-5.12332	0.113052	0.367179	-2.72154	0.111672	0.365519	-2.73584	0.282561	0.522741	-1.91299	0.036096	0.26247	-4.12422	0.106513	0.359207	-2.7835	0.00233816	0.0884968	-11.7999	0.0179031	0.187954	-5.32075	0.0232094	0.233142	-4.28922	4.17695	22.3252	4.75098	1
cg25459778	CRAMP1L	0.0310787	0.394268	0.834286	-1.19863	0.093626	1.35273	1.46644	1.466644	0.180777	1.34321	1.34321	0.7091666	0.9251156	-1.0809	0.1031262	0.591725	-1.68997	0.560205	1.1301	1.1301	0.0693728	0.655859	-1.52472	0.0161837	1.84192	1.84192	0.0419837	2.62679	0.13578	0.275568	0.606945	1
cg07821986	CRAMP1L	0.0322991	0.2480847	1.21362	1.21362	0.6113355	1.108563	1.108563	0.07807233	1.68872	1.36872	1.36872	0.0275463	1.518866	1.518866	0.00746587	0.575642	-1.73719	0.3939327	1.15028	1.15028	0.144524	1.28568	1.28568	0.478375	1.1225	1.1225	0.0972883	0.746068	-1.33874	0.9806	1.62051	0.361869	1
cg07755343	CRAMP1L	0.0342028	0.3513933	1.1682	1.1682	0.03411553	1.49285	1.49285	0.147083	1.28687	1.28687	0.647978	1.07736	1.07736	0.00221082	0.4989448	-2.00422	0.767873	1.04915	1.04915	0.406195	0.8713251	-1.14768	0.587565	1.09283	1.09283	0.480735	0.8903313	-1.1232	1.88946	1.62271	0.3699	1
cg03462171	CRAMP1L	0.0358367	0.558167	1.10784	1.10784	0.5193574	1.071309	1.071309	0.06779997	1.720463	-1.29789	0.601602	0.9353209	-1.06914	0.8925351	0.98293	-1.01738	0.0017837	1.76219	1.76219	0.0178307	1.8303115	-1.24053	0.324629	1.0856	1.0856	0.2981668	0.8715179	-1.14754	3.75084	0.9640893	0.2286585	1
cg04902314	CRAMP1L	0.0430981	0.6248874	0.362731	-2.75687	0.254606	1.5712	1.5712	0.171183	0.8954143	-1.61714	0.0477206	0.4251163	-2.36316	0.0808958	0.2757151	-3.62646	0.0403807	0.406099	-2.46245	0.783981	0.9308882	-1.11002	0.791893	1.10567	1.10567	0.0773727	0.468967	-2.12334	3.58281	8.18742	2.03128	1
cg01922700	CRB1	0.000103391	0.0155175	1.62803	1.62803	0.00020455	0.359971	-2.778	0.00213647	0.4924911	-2.03049	0.0469165	1.45272	1.45272	7.73E-05	0.308743	-3.23894	0.966156	0.993058	-1.00699	6.84E-05	0.302498	-3.30581	0.970028	0.99385	-1.00619	0.000813357	0.43654	-2.29074	21.9144	9.35531	0.379468	1
cg00097038	CRB1	0.0344644	0.8531121	1.06251	1.06251	0.2743939	1.15205	1.15205	0.1851	0.8754496	1.26379	1.26379	0.1639393	0.5187701	1.12992	1.12992	0.0603734	0.5994004	-1.66813	0.0031548	0.204394	-4.89206	0.0179552	7.57E-05	0.0994855	0.984005	-1.01266	0.0029336	0.984006	33.7077	33.552	2.17571	1
cg01555961	CRB1	0.0440465	0.311877	0.711726	-1.40503	0.344345	0.37247	1.37247	0.0199043	2.49306	0.282664	1.53916	1.53916	0.571895	0.3552455	0.891559	-1.12163	0.0402135	1.26079	2.16079	0.540559	1.22309	0.203707	1.23726	0.0037172	3.56308	3.56308	0.1890441	1.57189	3.55386	5.94691	1.48743	1
cg14405448	CRB2	0.000150727	0.0299442	0.495729	-1.54409	0.176013	0.78709	-1.27099	0.00734952	0.469672	-2.12915	0.0015301	0.4613851	2.16555	0.0013351	0.453769	-2.20386	0.0013402	0.2139656	8.42E-06	0.1992365	-5.17502	0.0003059	0.72047	-1.38798	0.0009939131	0.416512	-2.40084	15.7581	9.88949	0.404017	1
cg14282406	CRB2	0.000309755	0.304964	1.17667	1.17667	0.2979998	1.17965	1.17965	0.2015	0.8551	1.20586	1.20586	0.1639393	0.5187701	1.12992	1.12992	0.0603734	0.5994004	-1.66813	0.0031548	0.204394	-4.89206	0.0179552	7.57E-05	0.0994855	0.984005	-1.01266	0.0029336	0.984006	33.7077	33.552	2.17571	1
cg13573210	CRB2	0.00191761	0.545019	0.874505	-1.1435	0.247199	0.76703	1.30327	0.0104323	0.493664	-2.02567	0.0637258	0.63363	-1.57821	6.40E-05	0.192478	-5.19541	0.918322	0.977795	-1.02271	0.145123	0.709976	-1.4085	0.619616	0.809241	-1.11577	0.000896015	0.336724	-2.9698	7.9087	0.74834	0.674663	1
cg13558375	CRB2	0.00875558	0.45302	1.28819	1.28819	0.87464	0.949542	-1.05369	0.79362	0.916804	-1.09075	0.633913	0.8854	-1.14566	-1.17226	0.136013	1.70564	0.013477	2.85097	2.85097	0.0062896	6.64655	6.64655	0.0168575	2.62715	2.62715	0.3929067	0.748343	-1.33629	6.16596	10.7167	1.54493	1
cg15922174	CRB2	0.01046669	0.3026435	1.32165	1.32165	0.000584242	4.00835	4.00835	0.139871	1.51417	1.51417	0.380544	0.7906535	-1.26481	0.10194	1.59609	1.59609	0.0619008	1.73169	1.73169	0.372003	1.27047	1.27047	0.00239863	3.01858	3.01858	0.827746	1.05856	1.05856	5.82482	6.2927	0.960289	1
cg12953340	CRB2	0.02028775	0.0741631	1.37984	1.37984	0.1630335	1.54211	1.54211	0.456325	0.8059791	-1.24534	0.126331	1.61369	1.61369	0.247266	1.41911	1.41911	0.0844977	1.73605	1.73605	0.000262747	4.240597	4.24599	0.0246636	2.16861	2.16861	0.099571	1.98758	1.68758	4.63628	6.14715	1.17856	1
cg15993561	CRB2	0.02253522	0.10401	0.8133559	1.22947	0.1292726	1.20985	1.20985	0.200926	0.8547137	1.19681	1.19681	0.7496642	0.9634575	-1.03791	0.523009	0.727517	-1.07814	0.431112	1.09789	1.09789	0.00149677	1.70233	1.70233	0.0706552	-1.14857	0.13257	1.82008	-1.20772	4.4483	0.951593	0.190154	1
cg14573411	CRB2	0.03262725	0.1953182	1.42156	1.42156	0.00277625	2.88457	2.88457	0.08686553	1.62518	1.62518	0.674811	0.8972991	-1.11446	0.01704664	2.11063	2.11063	0.0839095	1.63426	1.63426	0.86178	1.04577	1.04577	0.0193416	2.06764	2.06764	0.710524	1.10048	1.10048	3.96422	4.14088	0.928501	1
cg02528472	CRB3;CRB3	0.000101074	0.001373636	3.33388	3.33388	0.0002091	4.76784	4.76784	0.000147	3.46138	3.46138	0.139578	1.62126	1.62126	0.0012649	5.45833	-1.45833	0.0758294	0.490293	-2.0396	0.00381134	0.2012925	-4.96934	0.0014815	5.53993	5.53993	0.0175603	2.83595	2.83595	11.5771	27.9784	1.83173	1
cg11755228	CRB3;CRB3	0.00104851	3.08E-05	10.7751	10.7751	0.503008	1.21963	1.21963	0.665626	0.880728	-1.13542	0.314069	0.7377772	-1.35543	0.134881	0.624485	-1.60132	0.668704	0.881839	-1.13399	0.0394302	0.498598	-2.00652	0.0297712	2.11082	2.11082	0.0132373	2.45193	2.45193	11.6094	15.5884	1.2012	1
cg04798010	CRB3;CRB3	0.00549717	0.0249086	2.89814	2.89814	0.1706337	2.46566	2.46566	0.0503	2.16599	2.16599	0.0213139	3.28611	3.28611	0.0013441	3.02895	3.02895	0.0013402	0.2139656	8.42E-06	0.1992365	-5.17502	0.0003059	0.72047	-1.38798	0.0009939131	0.416512	-2.40084	15.7581	9.88949	0.404017	1
cg26644059	CRB3;CRB3	0.00817156	0.419568	1.42319	1.42319	0.423671	1.41859	1.41859	0.0306956	2.96312	2.96312	0.771636	0.8829121	-1.13262	0.000407617	11.06	11.06	0.2568	1.602646	-1.65935	0.193191	0.554758	-1.80259	0.0105159	1.96538	1.96538	0.137536	1.98331	1.98331	0.6019	18.2756	2.57779	1
cg27799295	CRB3;CRB3	0.01897613	0.289788	1.83219	1.83219	0.822809	1.13157	1.13157	0.481636	1.48315	1.48315	0.868441	0.9169	1.09081	0.1039021	0.69757	-1.43367	0.0242644	0.276762	-3.61321	0.543695	0.7712681	-1.40315	0.0499112	1.59718	0.5197	0.0432213	3.60812	3.60812	4.78008	2.03061	4.27567	1
cg13960126	CRB3;CRB3	0.00242762	0.0550826	2.49154	2.49154	0.0030057	3.47375	3.47375	0.0004	2.72582	2.72582	0.0012	4.14965	4.14965	0.0002756	3.60505	3.60505	0.155044	0.302026	-3.31126	0.0506365	0.4228348	0.0133915	-2.36434	0.0154255	-6.48273	0.139913	0.176334	-2.62572	4.6713	24.8582	5.33064	1
cg16797762	CRBN	0.0241767	0.00249129	0.266522	-3.75203	0.225387	1.46574	1.46574	0.261348	1.42103	1.42103	0.762075	1.09477	1.09477	0.2116474	0.673468	-1.48485	0.406361	0.775647	-1.28925	0.0179571	0.1413041	-2.42106	0.0840373	1.78399	1.78399	0.772342	0.9171138	-1.09035	4.884432	6.72732	1.07126	1
cg00294109	CRBN	0.041988	0.0143013	0.287407	-3.47979	0.5915127	0.709004	-1.41015	0.6516803	0.8570733	-1.16705	0.7048	0.9418	1.06151	-1.23554	0.4127787	2.42359	0.2216	0.588896	-1.69808	0.0079091	0.2400927	-4.15063	0.0388299	1.70509	1.70509	0.364884	-4.05048	0.0711075	4.954565	0.2954511	9.73282	2.3914	1
cg04070140	CRSP;CCP;CRSP;CRP	0.00700957	0.764081	-1.09556	-1.04542	0.0939639	0.614889	-1.62631	0.00219505	0.403	-2.48139	0.39956	1.00125	1.00125	0.00108299	0.490723	-2.03781	0.000358954	0.42964	-2.32753	0.0482163	0.612062	-1.63382	0.0202771	1.5113	1.5113	0.608699	0.926639	-1.07917	13.006	1.48514	0.306536	1
cg22879191	CRSP;CRSP;CRSP;CRP;CRSP;CRSP;CRP;CRSP;CRP;CRSP;CRP;CRSP;CRC	0.00096804	0.784207	0.976848	-1.0237	0.044002	0.820782	-1.21835	0.0075579	0.745834	-1.34078	0.00565738	0.73358	-1.36318	0.083016	0.848922	-1.17796	0.346989	0.920685	-1.08615	0.000619701	0.637937	-1.56755	0.000126829	0.565983	-1.76684	0.0156412	1.28773	1.28773	11.8727	1.36927	0.102515	1
cg24734340	P-CRCP	0.0127783	0.106657	3.0095	1.30095	0.4190513	1.41932	1.41932	0.000390577	2.09206	2.09206	0.801796	0.963132	-1.03828	2.26209	1.20899	1.20899	0.0628413	1.35445	1.35645	0.901652	1.01864	1.01864	0.697292	1.06012	1.06012	0.0200848	0.657388	-1.52405	5.42074	1.92903	0.314006	1
cg03667772	SCEL-DT	5.62E-06	0.0001	1.53168	1.53168	0.0001	1.23563	1.23563	0.1356	1.3594	1.3594	0.180447	1.2305	1.2305	0.0013	1.2305	1.2305	0.0001	1.2305	1.2305	0.0001	1.2305	1.2305	0.0001	1.2305	1.2305	0.0001	1.2305	1.2305	0.0001	1.2305	1.2305	0.0001	1
cg15700437	CTC1	9.08E-06	2.09E-06	13.1353	13.1353	3.92E-06	10.7113	10.7113	0.430453	0.837258	-1.19438	0.325683	0.799322	-1.25106	0.76639	0.936354	-1.06797	0.000723836	3.11097	3.11097	0.592271	0.887523	-1.12673	0.00153393	2.75339	2.75339	6.06E-06	0.37182	9.37182	41.5993	32.0966	0.685836	1
cg11750883	CTC1	1.43E-05	1.88E-06	0.110508	-9.69129	1.51E-05	0.194138	-5.15097	0.00734436	0.513184	-1.88036	0.0273607	0.6206639	-1.61124	0.00215357	0.455083	-2.1974	4.22E-05	0.240185	-4.15257	0.0892943	0.730079	-1.40829	5.86E-06	0.155549	-6.42885	0.000251771	0.331187	-3.01316	36.9615	19.5476	0.470102	1
cg07265317	CTC1	0.000512515	0.0185191	2.69814	2.69814	0.1670036	2.47556	2.47556	0.0144	2.34736	2.34736	0.0245427	2.66228	2.66228	0.0058097	2.76322	2.76322	0.0013402	0.2139656	8.42E-06	0.1992365	-5.17502	0.0003059	0.72047	-1.38798	0.0009939131	0.416512	-2.40084	15.7581	9.88949	0.404017	1
cg09873164	CTC1	0.000889175	5.98E-05	98.6472	98.6472	0.00031342	37.1653	37.1653	0.364108	1.78087	1.78087	0.234607	2.16177	2.16177	0.390316	0.580024	-1.72407	0.133674	2.72091	2.72091	0.836002	0.87962	-1.13686	0.00171683	15.9436	15.9436	0.0243126	5.26483	5.26483	12.1642	73.7661	5.39039	1
cg01864564	CTC1	0.000134376	0.00138143	4.44005	4.44005	0.0002731	5.02131	5.02131	0.0683457	0.535316	-1.86806	0.0380756	0.5116663	2.21404	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	0.0862806	0.4756684	2.11318	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	0.0862806	0.4756684	2.11318	1
cg22358102	CTC1	0.00147542	0.00119139	0.269941	-3.70451	0.0010137	0.260812	-3.83418	0.184725	0.678568	-1.47369	0.889101	1.03921	1.03921	0.69757	1.11365	1.11365	0.202262	0.689968	-1.44934	0.0363961	1.299324	1.299324	0.0767204	0.379327	-2.63625	0.00137542	0.172542	-5.79569	10.5295	12.6712	1.06968	1
cg03352287	CTC1	0.00165627	0.000441394	11.5209	11.5209	0.000118912	19.4001	19.4001	0.303063	0.625077	-1.5998	0.477766	1.37426	1.37426	0.658698	0.822178	-1.21628	0.131441	2.04884	2.04884	0.125762	0.482035	-2.07454	0.803902	0.806209	-1.11581	0.0849979	2.31379	2.31379	10.1842	31.2927	2.73125	1
cg28236035	CTC1	0.001375145	0.0148243	3.14826	3.14826	0.0009	3.72555	3.72555	0.0215	2.31359	2.31359	0.0155506	3.07525	3.07525	0.0012	3.44619	3.44619	0.0021	0.3239	3.08656	0.0198863	0.3132303	-3.00932	0.136751	0.533593	-1.87409	0.0039398	0.5555063	-1.79998	0.0009992	0.147362	-6.7867	8.84916	2.16154	1
cg12588301	CTC1	0.000975186	6.52E-05	0.375507	-2.72328	0.327292	0.555033	-1.80157	0.434413	0.55921	-1.78852	0.245506	0.4073	2.45556	0.0257189	0.756158	-1.32216	0.0004549	0.25783	-3.87993	0.0025195	0.2514745	0.0161016	0.2566	-3.89844	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	0.0862806	1
cg10495393	CRB1;CRB1	0.00389635	0.00149406	0.365487	-2.73608	0.303836	0.791283	-1.26377	0.0113171	0.497983	-2.0081	0.143738	0.708005	-1.41242	0.0145922	0.516238	-1.93709	0.00357201	0.419944	-2.38127	0.0375591	0.588382	-1.69958	0.00930338	2.0653	2.0653	0.183176	0.732058	-1.36601	7.91483	6.05717	0.680261	1
cg19956940	CRB1;CRB1	0.0162996	0.3739546	0.73639	-1.35787	0.372927	0.645865	-1.54831	0.751197	0.8939404	-1.1636	0.7704885	0.8910994	-1.12216	0.2704485	0.8010593	-1.24829	0.444247	0.68011	-1.47071	0.2704485	0.8010593	-1.24829	0.444247	0.68011	-1.47071	0.2704485	0.8010593	-1.24829	0.444247	0.68011	-1.47071	1
cg10723020	CRB1;CRB1	0.024666	0.00412131	0.294056	-3.40071	0.683032	0.987332	-1.01283	0.247996	0.680981	-1.46845	0.0609763	0.5107821	-1.95778	0.013348	0.377165	-2.65136	0.284695	0.702203	-1.42409	0.0881505	0.346144	-2.88897	0.0123502	0.450614	-2.21919	0.0341561	0.455492	-2.19543	4.37765	7.01677	1.42477	1
cg03532031	CRB1;CRB1	0.00146095	0.00423355	0.57913	1.92654	0.8670353	0.675182	-1.4809	0.0215292	0.599514	-1.66802	0.0171086	0.647764	1.54374	0.2268261	0.8281001	-1.23734	0.0170508	1.64825	1.64825	0.000929529	0.427701	-2.33808	0.0042589	0.5183311	-1.92926	0.1758191	0.948338	-1.05449	10.5594	4.45899	0.421671	1
cg04825027	CRB1;CRB1	0.0371662	0.1031663	0.549554	-1.81966	0.413444	0.820437	-1.21886	0.1574555	0.695057	-1.43873	0.502753	0.851294	1.17468	0.00212216	0.545809	-1.83268	0.280657	0.770664	-1.29758	0.00601	0.227313	0.027701	0.00021561	0.218882	-4.56802	0.0148344	0.692802	-1.44341	7.43117	6.59478	0.788843	1
cg04447221	CRB1;CRB1	0.01583112	0.527505	1.1535	1.1535	0.0962337	0.483398	-2.07728	0.00169237	0.367645	-2.72028	0.0016912	0.367645	1.43098	0.430498	0.79178	1.06079	1.06079	0.886779	1.03229	-1.03229	0.114717	0.146616	0.331918	0.79988	-1.25019	0.116916	0.683892	-1.46222	5.08049	4.01053	0.700528	1
cg08044069	CRB1;LCE2B;LCE3B;L1	0.00187021	0.0499424	0.764553	-1.30817	0.0729721	0.953444	-1.04848	0.674568	0.8163643	-1.22495	0.2753369	0.6459534	-1.54862	0.0100328	0.4549344	-2.19782	0.0007454227	0.150726	-6.63359	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	0.0862806	0.4756684	2.11318	0.0001705	0.32893	-3.04005	0.0465124	1
cg04604708	CRB2	0.000377035	0.00200409	0.369828	-2.70323	0.119642	0.679608	-1.47144	0.000792441	0.313622	-3.18855	0.00874055	0.4657772	-2.14697	1.02E-05	0.115021	8.69408	0.012108	0.488975	-2.04509	0.133702	0.68999	-1.4493	0.811193	1.05627	1.05627	0.00398775	0.412606	-2.42362	15.4498	12.8018	0.736539	1
cg21862631	CRB2	0.000386293	0.000888973	0.142153	-7.0347	0.0246029	0.353312	-2.8546	0.0198653	0.332303	-3.00932	0.136751	0.533593	-1.87409	0.000393094	0.109388	-9.14181	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	0.0862806	0.4756684	2.11318	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	1
cg02622280	CRB2	0.00186277	0.00553887	0.795263	-1.25744	0.0050284	1.26265	1.26265	0.619703	0.960407	-1.03194	0.0256122	1.18135	1.18135	0.836429	0.10308	0.10308	0.0054946	2.57853	2.57853	0.174595	1.095	1.095	0.0111774	1.22121	1.22121	0.00050197	5.46042	5.46042	43.5385	0.615777	0.0556068	1
cg15975598	CRB2	0.00200568	0.657306	0.947008	-1.05596	0.58063	0.934216	-1.07042	0.81127	0.97125	-1.0296	0.617627	1.0633	1.0633	3.62E-05	0.378858	-2.63951	0.137473	1.21539	1.21539	0.0173793	0.702439	-1.42361	0.160777	1.20043	1.20043	0.961564	0.994141	-1.00589	9.63393	2.26896	0.209349	1
cg03482687	CRB2	0.01943615	0.1343615	1.665207	1.665207	0.1766364	1.68351	1.68351	0.0739404	1.5636	1.5636	0.7704885	0.8910994	-1.12216	0.2704485	0.8010593	-1.24829	0.444247	0.68011	-1.47071	0.2704485	0.8010593	-1.24829	0.444247	0.68011	-1.47071	0.2704485	0.8010593	-1.24829	0.444247	0.68011	-1.47071	1
cg04096472	CRB2	0.0115031	0.143017	1.20439	1.20439	0.94419	0.10831	1.00831	0.333245	0.888769	-1.12515	0.0321835	0.743477	-1.34503	0.853502	0.977933	-1.02257	0.026953	0.612716	-1.63208	0.0657589	0.783532	-1.27627	0.00823257	1.4908	1.4908	0.306658	1.1319	1.13319	5.60336	1.24909	0.196501	1
cg23096401	CRB2	0.01224648	0.2882845	1.49234	1.49234	0.1745	1.56403	1.56403	0.0715104	1.57159	1.57159	0.8539662	0.9344	-1.15284	0.96679	0.993494	-1.00654	0.0003578	0.0003578	0.0003578	0.0003578	0.0003578	2.80634	2.80634	0.99458	0.0010	0.0010	0.0010212	0.0802094	0.95907	0.2662	0.3838844	1
cg09205945	CRB2	0.0193019	0.005656596	0.173555	-5.76187	0.217147	0.535563	-1.86719	0.910495	0.947358	-1.05557	0.764351	0.86539	-1.15555	0.00387756	0.154037	6.49194	0.171601	0.49664	-2.01353	0.781348	0.874759	-1.14317	0.0296991	1.42344	1.42344	0.109545	0.432142	2.31405	4.7616	17.4398	3.25565	1
cg04472009	CRB2	0.02042578	0.0449839	0.296981	-3.36722	0.1404146	0.201712	-4.95756	0.352328	0.603466	-1.6571	0.518571	0.707969	-1.41249	0.00331772	0.121213	-8.24993	0.139734	0.432128	-2.31306	0.0178778	0.218574	-4.57511	0.173992	2.14515	2.14515	0.211658	0.499401	-2.0024	4.40307	19.4191	3.92031	1
cg02216939	CRB2	0.02182423	0.00655533	0.279972	-3.57211	0.0953444	0.17482	-5.72106	0.145306	0.563588	-1.7745	0.0169116	0.475107	2.10505	0.0016	0.643934	-1.55362	0.0007454227	0.150726	-6.63359	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	0.0862806	0.4756684	2.11318	0.0001705	0.32893	-3.04005	0.0465124	1
cg19987509	CRB2	0.0367057	0.7176574	1.06361	1.06361	0.635542	0.922113	-1.08447	0.32295	0.840799	-1.18934	0.491483	1.12601	1.12601	0.100835	1.35693	1.35693	0.0119239	1.70393	1.70393	0.00704762	0.553456	-1.80683	0.31045	0.836733	-1.19512	0.3939323	1.15988	1.15988	1.80091	1.73652	0.406107	1
cg04726055	CRB2;CRB3L2	0.0186619	0.0208693	0.148153	-6.74907	0.0178197	0.139238	0.0633631	0.622743	-1.6058	0.111022	0.6754646	1.49455	0.0048257	0.6922	0.1445	-6.92243	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	0.0862806	0.4756684	2.11318	0.0001705	0.32893	-3.04005	0.0465124	2.2178	2.0178	1
cg04524040	CRB3;L3	1.17E-05	5.13E-06	0.215149	-4.64794	7.79E-06	0.233775	-4.27761	3.38E-05	0.369083	-2.70974	0.00261868	0.539185	-1.85465	0.00053775	0.449753	-2.22344	0.0001088	0.364038	-2.74607	2.87E-06	0.190331	-5.25401	0.00067512	0.462783	-2.16084	0.0151925	0.720049	-1.38978	33.5561	0.316561	0.309559	1
cg01009657	CRB3;L3	0.000237227	8.43E-05	0.116784	-8.56281	6.47E-05	0.107606	-9.29316	0.000965917	0.224859	-4.44723	0.473192	0.801251	-1.24805	0.000315152	0.168035	-5.88911	0.146552	0.790062	-1.26572	0.000244764	0.158671	-6.30233

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	Fold-Change(3 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02398725	F CREB2F;CREB2F;CREB2F;CREB2F;CREB2F;CREB2	0.00977835	0.243491	1.2845	0.2645	0.612574	1.53758	1.53758	0.101421	1.44476	0.0556467	0.640876	-1.56036	0.391826	1.19721	1.19721	0.000673916	1.41394	-2.90597	0.800119	1.05343	1.05343	0.133578	1.39372	1.39372	0.30261	1.24494	1.24494	5.95311	3.96859	0.59257	1
cg18846731	F;CREB2F	0.00174214	0.458215	1.10473	1.10473	0.211028	1.18978	1.18978	0.673363	1.0575	1.0575	0.0231703	0.699109	-1.43039	0.00898584	1.54971	1.54971	0.560319	1.08074	1.08074	0.000156113	0.4259	-2.34797	0.382292	1.12541	1.12541	0.0064083	1.59626	1.59626	10.0364	2.76373	0.244774	1
cg17936236	CREG1	0.00284831	0.0155702	0.499583	-2.27488	0.00386152	0.340077	-2.94051	0.0117684	0.458204	-2.39118	0.00937935	0.401426	-2.49112	0.000894494	2.052059	-3.96732	0.0581431	0.552485	-1.81	0.00175564	0.290734	-3.43957	0.292666	1.35323	1.35323	0.00653218	0.375627	-2.66222	8.69085	10.5675	1.08083	1
cg25135004	CREG1	0.00458213	0.171015	0.680344	-1.457	0.00826059	0.418056	-2.39202	0.3185925	0.766275	-1.30505	?	0	0.00878645	0.4223224	-2.36785	0.0795442	1.65284	1.65284	0.0107331	2.28835	2.28835	0.0301129	0.517602	-1.93199	0.00779806	0.413962	-2.41568	7.60896	7.22631	0.938609	1
cg23441162	CREG1	0.0217281	0.3535854	0.801026	-1.2484	0.952643	1.0139	1.0139	0.0185309	0.514898	-1.94213	0.144898	0.694938	-1.43898	0.01685571	0.507753	-1.96946	0.134116	0.686931	-1.45575	0.00912503	0.463063	-2.15953	0.00194855	0.361151	-2.76892	0.487576	0.848796	-1.17814	4.5734	3.91365	0.760659	1
cg04865265	CREG2	0.00250328	0.0005112	0.6410194	-24.1107	0.00000202	51.1934	51.1934	0.000347002	47.9182	47.9182	0.347919	0.628222	-1.59179	0.04855831	51.1934	-3.3056	0.119848	0.448153	-2.23138	0.07374616	0.364984	-2.73985	0.00277303	0.08566606	-11.674	0.0017579	0.0656577	-15.2305	96.1952	117.136	1.7979	1
cg16529546	CREG2	0.0036457	0.0134981	1.55654	1.55654	0.5144845	0.908781	-1.10037	0.00159045	0.533042	-1.92663	0.0390195	0.412297	1.41297	0.0615416	0.737315	1.35627	0.0220341	1.48792	1.48792	0.00976121	0.160459	0.316027	0.860715	-1.16182	0.198187	0.821371	-1.21748	8.07454	2.67756	0.29476	1
cg14486346	CREG2	0.0418623	0.0752513	0.41219	-2.42606	0.8435347	1.09244	1.09244	0.26148	0.592172	-1.6887	0.229802	0.569051	-1.75731	0.0330456	0.327834	-3.05032	0.119208	0.46926	-2.13101	0.00658623	0.20624	-4.84873	0.00565586	0.196991	-5.07638	0.2043399	0.549225	-1.82075	3.62173	11.4839	2.81851	1
cg26572548	CREG2	0.0426447	0.386251	1.15196	1.15196	0.3355573	0.853723	-1.17134	0.00238557	0.53787	-1.85918	0.0479124	0.74336	-1.34496	0.0244233	0.210406	-4.7405	0.4425	1.13283	1.13283	0.854364	0.370423	-1.03048	0.111112	1.31842	1.31842	0.875324	1.02534	1.02534	1.59603	1.44503	0.357102	1
cg18724787	CREB1;CRELD1;CRELD1	0.00866198	0.106837	1.59866	1.59866	0.00338775	0.345854	-2.89139	0.589491	1.15623	1.15623	0.290864	0.746695	-1.33923	0.000800947	0.259573	-3.85248	0.948701	1.01729	1.01729	0.232844	1.39569	1.39569	0.376119	1.27386	1.27386	0.322566	0.761623	-3.31299	6.18697	6.95878	0.999775	1
cg01274625	CREB1;CRELD1;CRELD1;CRELD1;CRELD1 CREB1;CRELD1;CRELD1;CRELD1;CRELD1;CREL	8.53E-05	0.552109	0.952322	-1.05007	0.00526589	1.34825	1.34825	0.803347	0.979941	-1.02047	0.0001563	1.69149	1.69149	0.0136043	0.780417	-1.28137	0.378381	0.929231	-1.07616	4.78E-06	0.427498	-2.33919	0.851366	1.01535	1.01535	0.306906	1.0897	1.0897	23.1034	2.41331	0.0928504	1
cg14214745	D1;CRELD1	0.0237263	0.7909954	1.05844	1.05844	0.983092	1.00508	1.00508	0.673203	1.09493	1.09493	0.0739176	0.653212	-1.5309	0.00443525	0.303064	-3.29963	0.973937	1.00701	1.00701	0.694514	1.08805	1.08805	0.829199	1.04727	1.04727	0.755628	1.06902	1.06902	4.03697	3.21193	0.643467	1
cg04075109	CRELD2;Ab12;CRELD2	0.01198554	0.0508843	0.5151831	-1.81438	0.00602451	0.224194	-4.46042	0.189686	0.689277	-1.4508	0.8815971	0.40273	-2.48373	0.0116878	0.633614	-1.57825	0.3237101	0.762622	-1.31127	0.0072378	0.395247	-2.53006	0.0283455	0.409328	-2.00269	0.688209	0.897578	-1.11441	5.5757	6.33632	1.01015	1
cg12932195	CRELD2;Ab12;CRELD2	0.0447676	0.715915	0.859199	-1.16387	0.0522212	0.399788	-2.50133	0.0138968	0.283116	-3.53212	0.916377	1.04457	1.04457	0.02774	0.339503	-2.94548	0.0301588	0.346947	-2.88228	0.0105812	0.263146	-3.80017	0.459946	0.7317	-1.36668	0.0847467	0.453135	-2.20685	3.53236	9.64497	2.42707	1
cg04176432	CRELD2;CRELD2	0.0150585	0.0147133	0.39881	-2.50746	0.00565402	0.521088	-1.91906	0.584019	1.17819	-1.17819	0.049145	0.507104	-1.97159	0.000767946	0.198531	-5.037	0.718721	0.89837	-1.11319	0.02376984	0.453167	-2.20669	0.599768	1.1081	1.1081	0.17001	0.347791	0.750104	-1.33315	5.81738	7.90925	1.05746	1
cg03363342	CRELD2;CRELD2	0.0287701	0.387689	1.26276	1.26276	0.6714416	0.893656	-1.119	0.115344	0.636749	-1.57048	0.324752	1.30729	1.30729	0.003226529	0.346842	-2.88316	0.0524032	0.559194	-1.78829	0.0139034	1.92046	1.92046	0.695019	1.1094	1.1094	0.61385	0.874529	-1.14347	4.14788	4.56123	0.977747	1
cg26441486	CRELD2;CRELD2	0.0316595	0.282088	0.773616	-1.29263	0.9919397	1.00231	1.00231	0.0212034	0.529308	-1.88926	0.875741	0.964704	-1.03659	0.001879575	0.363422	-2.75163	0.0095173	0.470375	-2.12596	0.526071	0.862842	-1.15896	0.668365	0.905778	-1.10402	0.190264	0.727218	-1.3751	4.00919	3.34819	0.742336	1
cg22777249	CRELD2;CRELD2	0.0373883	0.159364	0.56394	-1.77252	0.0721036	0.456154	-2.19244	0.0644	0.442902	-2.34148	0.0194826	0.352975	-2.83306	0.002423233	0.210409	-4.7405	0.2293444	0.44057	-2.26983	0.00223	0.607192	-1.64691	0.442824	0.403654	-2.47732	3.77546	0.813385	1.91432	1		
cg19215266	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.000199014	0.000255019	0.162716	-6.14567	0.00972233	0.373169	-2.67975	0.00588316	0.337469	-2.96324	0.132718	0.613281	-1.63057	0.001078556	0.233409	-4.28432	0.00377494	0.307902	-3.24779	1.44E-05	0.0658111	-15.195	0.00087313	0.222074	-4.50301	0.000246041	0.161155	-6.20522	18.3958	26.4654	1.27881	1
cg16003829	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.000900001	0.377785	0.930012	-1.07526	0.0444588	1.20328	1.20328	0.00215194	0.41265	1.41265	0.00736546	0.758125	-1.31904	0.00298851	0.721369	-1.38625	0.118535	0.872961	-1.14553	0.000257317	0.613705	-1.61995	0.0168781	0.791587	-1.26328	0.974799	1.00254	1.00254	5.12227	1.23425	0.0905001	1
cg07870757	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.00606464	0.736821	0.808671	-1.2366	0.366926	1.79243	1.79243	0.0331309	0.47842	4.79842	0.0733345	3.5157	3.5157	0.625832	0.733893	-1.3626	0.770497	1.20223	1.20223	0.000167582	56.4798	56.4798	0.00679163	9.10224	9.10224	0.116904	2.92256	2.92256	6.91624	43.422	5.58069	1
cg24305663	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0123199	0.615868	0.723471	-1.38222	0.0769439	1.52041	3.52041	0.0294344	5.16091	5.16091	0.158901	2.62088	2.62088	0.432348	0.598846	-1.66988	0.400704	1.734	1.734	0.00878121	25.8223	25.8223	0.00528216	10.5173	10.5173	0.148396	2.69654	2.69654	5.52607	35.8362	5.7644	1
cg06336792	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0210228	0.804438	0.833216	-1.20017	0.327501	2.10306	2.10306	0.0385095	5.8305	5.8305	0.185017	2.81188	2.81188	0.539387	0.633179	-1.57933	0.45672	1.74623	1.74623	0.000677723	45.6404	45.6404	0.0248552	7.12839	7.12839	0.151651	3.09497	3.09497	4.62532	39.6245	7.61499	1
cg03585969	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0217555	0.527023	0.557876	-1.79251	0.0300092	10.2202	10.2202	0.0103897	18.8909	18.8909	0.325692	2.51953	2.51953	0.571406	0.594036	-1.6834	0.781806	1.28765	1.28765	0.0369667	25.2964	25.2964	0.00538953	28.1059	28.1059	0.332312	2.4861	2.4861	47.5742	60.033	11.6731	1
cg09797645	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0237573	0.380444	0.343495	-2.91125	0.272345	3.88473	3.88473	0.052169	13.7821	13.7821	0.101031	8.44049	8.44049	0.194935	0.196247	-5.09562	0.338442	3.22848	3.22848	0.00272924	136.195	136.195	0.0180113	30.3623	30.3623	0.0541842	13.4022	13.4022	4.43497	99.0908	19.8605	1
cg07998461	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0265495	0.809944	0.819366	-1.22046	0.294948	2.45499	2.45499	0.0327488	7.89003	7.89003	0.14371	3.6656	3.6656	0.380987	0.475677	-2.10227	0.483357	1.8022	1.8022	0.00132334	47.5581	47.5581	0.0244893	9.16931	9.16931	0.131936	3.83633	3.83633	4.26675	46.2022	9.62526	1
cg14656043	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0150465	0.0731034	0.406631	-2.45923	0.182731	0.529118	-1.88994	0.0839857	0.422826	-2.36504	0.416276	0.687956	-1.45358	0.0168836	0.269227	-3.71433	0.518384	0.744708	-1.34281	0.00792654	0.215914	-4.63148	0.046404	0.29287	2.79287	0.260228	0.589382	-1.69669	3.86527	12.4071	2.85323	1
cg16657924	CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0372635	0.209186	0.791539	-1.26336	0.123797	1.34228	1.34228	0.754552	0.946117	-1.05695	0.690078	1.07335	1.07335	0.401634	0.859329	-1.1637	0.951452	1.01081	1.01081	0.00604154	0.530803	-1.88394	0.030915	1.56444	1.56444	0.0738799	1.42168	1.42168	3.78007	1.86728	0.439093	1
cg09937316	CREM;CREM;CREM;CREM;CREM;CREM;CREM CREM;CREM;CREM;CREM;CREM;CREM	0.039506	0.0122379	0.706845	-1.41474	0.651707	0.950742	-1.05181	0.74963	0.965034	-1.03623	0.963872	0.994978	-1.00505	0.0294138	0.751903	-1.32996	0.0108599	0.700788	-1.42696	0.215093	0.84697	-1.15611	0.752511	1.03579	1.03579	0.0807709	1.2402	1.2402	3.70002	0.724146	0.173968	1
cg13180232	;CREM;CREM CREM;CREM;CREM;CREM;CREM;CREM	0.00456801	0.00706671	0.395476	-2.5286	0.0177087	0.463647	-2.15681	0.0436125	0.538911	-1.8556	0.0185343	2.14026	2.14026	0.00294699	0.336916	-2.9681	0.497077	0.832162	-1.20169	0.00647466	0.380357	-2.56834	0.260352	1.36731	1.36731	0.0442123	0.54013	-1.85141	7.5433	8.48342	0.999671	1
cg26024341	CREM;CREM;CREM;CREM CREM;CREM;CREM;CREM;CREM;CREM	0.006137111	0.000460902	0.435943	-2.29388	0.385025	0.874471	-1.14355	0.0295593	1.47089	1.47089	0.668567	0.937194	-1.06701	0.211171	1.21946	1.21946	0.377442	1.14614	1.14614	0.578375	1.08823	1.08823	0.0456863	0.708176	-1.41208	0.0150519	0.637611	-1.56835	6.89089	2.47561	0.319341	1
cg09351894	;CREM;CREM;CREM;CREM CREM;CREM;CREM;CREM;CREM;CREM	0.00790304	0.144338	0.772419	-1.29463	0.941353	0.987957	-1.01219	0.00118889	2.1871	2.1871	0.665601	1.07423	1.07423	0.175913	0.74974	-1.33349	0.2158858	1.23922	1.23922	0.0101774	0.588465	-1.70513	0.147523	1.29163	1.29163	0.0783234	1.37996	1.37996	6.36853	2.73501	0.38174	1
cg14182120	;CREM;CREM;CREM;CREM CREM;CREM;CREM;CREM;CREM;CREM	0.0125734	0.638628	0.875943	-1.14163	0.00309143	0.321828	-3.10725	0.0312655	0.492813	-2.02917	0.556049	0.846419	-1.18145	0.0311314	0.492443	-2.03069	0.263647	0.721589	-1.38583	0.827679	1.06295	1.06295	0.904967	0.967108	-1.03401	0.000834669	0.244477	-4.09036	5.48956	6.81751	1.10391	1
cg23593958	CREM;CREM;CREM;CREM;CREM;CREM;CREM CREM;CREM;CREM;CREM;CREM;CREM	0.0237551	0.040797	0.748261	-1.33643	0.770031	1.03666	1.03666	0.0356465	0.735247	1.38732	0.328073	0.620873	1.02828	1.02828	0.807472	0.970461	-1.03044	0.123151	0.814554	-1.22767	0.0255614	0.721941	-1.38515	0.0089591	1.50422	1.50422	0.974762	0.996122	-1.00389	4.43511	1.05943	0.212332	1
cg23398095	;CREM;CREM;CREM M CREM;CREM;CREM;CREM;CREM;CREM	0.00135695	0.0186746	0.621866	-1.60806	0.000921038	0.438264	-2.28173	0.000353414	0.384336	-2.60189	0.439382	0.876856	-1.14044	0.048014	0.68617	-1.45737	0.419566	1.14732	1.14732	0.00395546	1.90763	1.90763	0.388794	0.863143	-1.15856	0.0208905	0.629257	-1.58918	10.7857	4.74318	0.390901	1
cg23145206	;CREM;CREM;CREM;CREM;CREM;CREM M CREM;CREM;CREM;CREM;CREM;CREM	0.00748268	0.0306831	1.44648	1.44648	0.00248622	0.542647	-1.84282	0.00100725	0.49182	-2.03326	0.11556	0.779782	-1.28241	0.904383	1.01763	1.01763	0.452311	0.894642	-1.11777	0.6135328	1.07686	1.07686	0.388525	1.13712	1.13712	0.445178	0.893004	-1.11982	6.4787	2.16928	0.297629	1
cg09327932	;CREM;CREM;CREM;CREM;CREM;CREM M;CREM;CREM	0.00593949	0.91347	1.0185	0.11165	0.0316369	0.587467	-1.70222	0.000685011	0.0145935	-2.39846	0.0645514	0.680646	-1.46919	0.163755	0.778281	-1.28488	0.639982	0.923616	-1.0827	0.351565	1.17552	1.17552	0.0881135	1.37361	1.37361	0.00486518	0.532747	-1.87709	6.9609	3.13668	0.400545	1
cg02651820	CREM;CREM;CREM;CREM;CREM;CREM;CR M;CREM;CREM;CREM;CREM;CREM;CREM;CR	0.0498954	0.617024	1.16141	1.16141	0.0557886	0.525632	-1.90247	0.0568282	0.527425	-1.896	0.04507	1.97876	1.97876	0.116917	0.603193	-1.65785	0.0346766	2.07682	2.07682	0.369309	0.7606	-1.31475	0.235446	0.6914	-1.44634	0.937123	1.02369	1.02369	3.39083	4.73039	1.24005	1
cg19405789	CREM;CREM;CREM;CREM;CREM;CREM;CR M;CREM;CREM;CREM;CREM;CREM;CREM;CR	0.0223154	0.822559	1.10267	1.10267	0.545469	0.766263	-1.30503	0.000675766	0.104197	-0.59722	0.100832	2.18574	2.18574	0.703948	0.846946	-1.18071	0.851153	1.08517	1.08517	?	?	?	0.410888	0.69358	-1.44179	0.192156	0.548427	-1.8234	4.61249	12.2939	2.66535	1
cg10013645	CREM;CREM;CREM;CREM;CREM;CREM M;CREM;CREM;CREM;CREM;CREM;CREM;CR	0.000156158	0.227373	1.18864	1.18864	0.230205	0.842267	-1.18727	4.93E-06	0.241463	-4.14143	0.000342402	0.455544	-2.19518	0.765618	0.960052	-1.04161	0.0954397	1.28375	1.28375	0.181687	1.21328	1.21328	0.00902759	0.635962	-1.57242	0.0136774	0.659794	-1.51562	19.6427	5.78493	0.261785	1
cg02972356	CREM;CREM;CREM;CREM;CREM;CREM M;CREM;CREM;CREM;CREM;CREM;CREM;CR	0.0223154	0.822559	1.10267	1.10267	0.545469	0.766263	-1.30503	0.000675766	0.104197	-0.59722	0.100832	2.18574	2.18574	0.703948	0.846946	-1.18071	0.851153	1.08517	1.08517	?	?	?	0.410888	0.69358	-1.44179	0.192156	0.548427	-1.8234	4.61249	12.2939	2.66535	1
cg02651820	CREM;CREM;CREM;CREM;CREM;CREM;CR M;CREM;CREM;CREM;CREM;CREM;CREM;CR	0.0498954	0.617024	1.16141	1.16141	0.0557886	0.525632	-1.90247	0.0568282	0.527425	-1.896	0.04507	1.97876	1.97876	0.116917	0.603193	-1.65785	0.0346766	2.07682	2.07682	0.369309	0.7606	-1.31475	0.235446	0.6914	-1.44634	0.937123	1.02369	1.02369	3.39083	4.73039	1.24005	1
cg09405799	CRH	4.45E-08	0.1.66E-08	0.197486	-5.06366	8.72E-06	0.185344	-5.39538	0.00105333	0.429239	-2.32971	1.71E-05	0.214488	-4.66227	4.90E-10	0.00270092	-3.70144	0.00131122	0.442028	-2.2623	2.10E-07	0.0642869	-15.5553	0.00390755	0.4926628	-2.02993	0.000289565	0.356152	-2.80621	161.431	77.8795	0.428829	1
cg16664570	CRH	0.00116336	0.0288153	0.350069	-2.85658	7.60E-05	0.0538738	-18.5619	0.00169039	0.160942	-6.21343	0.3085555	0.651096	-1.53587	0.005912504	0.230818	-4.33241	0.72405	0.865605	-1.15526	0.000638363	0.118252	-8.45654	0.024342	0.335328	-2.98215	0.0131425	0.285929	-3.49737	11.2771	29.5921	2.33378	1
cg23027580	CRH	0.00247743	0.311556	0.90067	-1.11028	0.888748	1.01408	1.01408	0.576518	1.058	1.058	0.197899	0.872851	-1.14567	0.725621	1.03584	1.03584	0.352458	1.10033	1.10033	5.29E-05	0.470335	-2.12614	0.0996238	0.834987	-1.19762	0.00430807	0.682903	-1.46434	9.03617	1.43218	0.140573	1
cg18640030	CRH	0.00470396	0.0413098	0.338748	-2.50785	0.00202446	0.182508	-5.4774	0.00305647	0.205002	-4.87801	0.744246	1.13562	1.13562	0.011473	0.288573	-3.46533	0.176166	0.57019	-1.7538	0.00118548	0.156086	-6.40674	0.461753	1.83801	1.83801	0.7815599	1.11468	1.11468	7.47636	18.0693	2.14832	1
cg23409074	CRH	0.00571451	0.00649484	0.265555	-3.76569	0.00348319	0.226282	-4.41926	0.0651879	0.460276	-2.17261	0.277282	0.654753	-1.52729	0.003400596	0.224865	-4.44711	0.197017	0.59978	-1.66728	0.000490424	0.12916	-7.74231	0.809363	0.913395	-1.09482	0.1619005	0.573137	-1.75028	7.04422	15.6724	1.97765	1
cg15971688	CRH	0.00651132	0.1223163	0.779082	-1.28346	0.466828	0.87629	-1.14117	0.2941279	1.142759	-1.21388	0.003889606	0.631692	-1.58295	0.001611692	0.200492	-4.98755	0.3986374	0.906019	-1.10309	0.139995	1.32739	1.32739	0.3879	1.17098	1.17098	0.0140772	1.71701	1.71701	6.76372	3.40452	0.503	1
cg19035496	CRH	0.0119072	0.0439918	0.539219	-1.85454	0.0012194	0.283683	-3.52506	0.361633	0.779097	-1.28354	0.623027	1.14098	1.14098	0.008888788	0.412188	-2.42608	0.320777	0.761034	1.314	0.00260299	0.329439	-3.03546	0.208028	0.702325	-1.42384	0.383913	1.78847	-1.26828	5.58755	6.27073	0.997571	1
cg00269606	CRH	0.0312161	0.01316	0.165223	-6.05242	0.00371662	0.100719	-9.92865	0.09058555	0.335529	-2.98036	0.405031	0.607158	-1.64702	0.01312222	0.165044	-6.059	0.04040065	0.249449	-4.00082	0.001598897	0.0705156	-14.1813	0.100944	0.349251	-2.86327	0.0823497	0.323985	-3.08656	5.39963	29.3318	4.82891	1
cg08253831	CRH	0.00193023	0.0433042	-2.23044	0.170072	0.624241	-1.60195	0.247279	0.676989	1.47713	0.527091	0.813309	-1.22954	0.0944287	0.346326	-2.88745	0.0905978	0.548124	-1.8244	0.00440133	0.293476	-3.40743	0.138909	0.598297	-1.67141	0.198377	0.64511	-1.55012	3.40481	5.60097	1.46394	1
cg17305181	CRH;CRH	0.0302143	0.0221138	0.308774	-3.23862	0.337533	0.654794	-1.5272	0.462458	0.725904	-1.37759	0.73301	0.863604	-1.15794	0.008611535	0.238168	-4.19871	0.120438	0.48609	-2.05723	0.00879942	0.239623	-4.17322	0.0773429	2.31856	2.31856	0.8488444	0.921534	-1.08515	4.07651	11.8415	2.58205	1
cg02189408	CRHBP	1.26E-07	1.32488E-07	0.00232053	1.32975	1.32975	0.000243976	0.666144	-1.50119	0.002696772	0.760958	-1.31413	2.25E-08	0.244603	-4.0584	0.00048885	2.1308	2.1308	0.505906	1.67038	1.67038	0.1014004	0.349251	-2.86327	0.0823497	0.323985	-3.08656	5.39963	29.3318	4.82891	1
cg25193647	CRHBP	0.00074541	0.818054	0.967708	-1.03337	0.00019218	0.647254	-2.44646	0.0389887	0.711481	-1.4055	0.197414	1.25597	1.2597	0.971	0.994835	-1.00519	0.000588806	2.1308	2.1308	0.505906	1.67038	1.67038	0.1014004	0.349251	-2.86327	0.0823497	0.323985	-3.08656	5.39963	29.3318	4.82891	1
cg21199406	CRHBP	0.00160785	0.643718	0.851086	-1.17497	0.218828	0.639074	-1.56476	0.402975	0.743563	-1.34488	0.0214481	2.60293	2.60293	0.443076	0.762814	-1.31094	0.120438	0.48609	-2.05723	0.00879942	0.239623	-4.17322	0.0773429	2.31856	2.31856	0.8488444	0.921534	-1.08515	4.07651	11.8415	2.58205	1
cg26495038	CRHBP	0.00317049	0.106446	0.69148	-1.44617	0.0333408	0.579319	-1.74362	0.0407518	0.734064	-1.36202	0.0407518	2.46458	2.46458	0.405611	0.80793	-1.23784	0.2896072	0.794511	-1.25864	0.00332196	0.433151	-2.30866	0.458579	0.853897	-1.1711	0.0126702	0.524504	-1.90656	8.41865	5.8839	0.616557	1
cg13777717	CRHBP	0.00448892	0.812404	0.928201	-1.07735	0.0016161	4.1227	4.1227	0.759689	1.10092	1.10092	0.0564409	0.508214	-1.96768	0.089426	0.556063	-1.79836	0.0055426	0.219134	-4.56148	0.00941779	0.35648	-2.8052	0.0562979	0.507963	-1.96865	0.024712	0.432558	-2.31183	5.88739	11.7954	1.3826	1
cg26269677	CRHBP	0.00650582	0.07273248	0.4886	-2.04677	0.00180215	0.476065	-2.09955	0.0307487	0.577448	-1.73184	0.0307487	3.44226	3.44226	0.255847	0.758045	-1.31907	0.1252755	0.758045	-1.31914	0.0157928	0.563142	-1.77599	0.0160776	0.677063	-1.47633	0.160076	0.778065	-1.28525	0.0237051	0.636685	1.57063	0.39429	0.193554	1
cg13157757	CRHBP	0.00978185	0.604014	0.885879	-1.12882	0.0320729	0.559026	-1.78882	0.00504777	0.423677	-2.36029	0.218107	0.740793	-1.3499	0.23655	0.750339	-1.33273	0.0123999	0.486342	-2.05617	0.0149179	0.499908	-2.00037	0.0080104	2.1967	2.1967	0.52061	0.860012	-1.16277	5.95243	5.05645	0.755091	1
cg12577105	CRH1;CRH1;CRH1;C

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg07882836	CRIP3	4.28E-05	0.843947	1.08759	1.06759	0.574368	1.20722	1.20722	0.705105	11.9119	11.9119	0.075151	0.518319	-1.92851	0.991837	0.540135	0.540135	0.00866512	1.03576	1.03576	2.89E-06	40.9013	40.9013	9.86E-05	9.92135	9.92135	0.0105277	2.91	2.91	27.734	48.3762	1.55048	1
cg00020419	CRIP3	0.00020231	0.641433	0.879586	-1.1369	0.369585	1.2867	1.2867	0.811847	0.936845	-1.06741	0.011392	0.420426	-2.37854	0.92987	1.02433	1.02433	0.03782561	1.93258	1.93258	7.22E-06	0.06565434	-15.0233	?	?	?	0.000766833	0.248074	-4.03106	18.7736	19.7795	1.05358	1
cg13097407	CRIP3	0.00170594	0.332048	0.71344	-1.40166	0.0226498	2.51123	2.51123	0.001250015	4.90645	4.90645	0.0659346	0.49851	-2.00598	0.0196303	0.386268	-2.58887	0.00615234	3.3399	3.3399	0.00478083	3.53852	3.53852	0.00462806	3.5652	3.5652	0.0432375	2.19151	2.19151	10.0959	18.204	1.60276	1
cg25630702	CRIP3	0.00191526	0.1696227	0.751268	-1.33105	0.078924	1.46429	1.46429	0.040506865	2.80939	2.80939	0.37828	0.8380031	-1.11927	0.0676374	0.670228	-1.49209	0.00616449	2.01045	2.01045	0.391272	1.18732	1.18732	0.000492377	2.90593	2.90593	0.21272	1.29245	1.29245	9.76418	5.90862	0.5379951	1
cg18735214	CRIP3	0.00901055	0.243484	0.758018	-1.31923	0.253382	0.686224	-1.45725	0.008957746	2.1269	2.1269	0.212698	0.74212	-1.34749	0.161318	0.71206	-1.40438	0.00571609	2.2765	2.2765	0.319188	1.26327	1.26327	0.00379146	2.42685	2.42685	0.552909	1.146	1.146	0.01	4.98725	0.725538	1
cg01209199	CRIP3	0.0449425	0.0247509	0.316673	-3.15783	0.655642	1.212597	1.212597	0.226563	0.579165	-1.72662	0.106365	0.4683861	-2.13511	0.0193572	0.296266	-3.37534	0.0787198	0.431744	-2.31619	0.0144808	0.2726633	-3.65453	0.0305557	0.335149	-2.98374	0.0961922	0.455744	-2.19422	3.40005	0.9729	2.60496	1
cg20683447	CRIP4	8.59E-06	0.482317	0.9142	-1.09385	0.754975	0.961435	-1.04011	0.381438	0.893354	-1.11938	0.381756	0.893425	-1.11925	5.80E-08	0.09746994	-10.2596	0.0305747	0.726728	-1.37603	0.875318	0.980467	-1.01992	0.482176	1.09389	1.09389	0.523714	0.922029	-1.08456	42.2048	10.5487	0.222169	1
cg19466640	CRIP4	0.000265727	0.674004	1.05848	1.05848	0.000339241	0.4253522	-2.46717	0.407373	0.893166	-1.12462	0.645441	0.93966	-1.06423	1.49E-05	0.299553	-3.34787	0.926172	1.01253	1.01253	0.00157488	0.543453	-1.84007	0.819124	1.07325	1.07325	0.153193	1.23811	1.23811	17.0047	4.86023	0.25406	1
cg23053516	CRIP4	0.000600805	0.808225	0.984432	-1.01581	0.0110711	1.22823	1.22823	0.623233	0.873384	-1.14497	0.0328591	0.851245	-1.17475	9.96E-05	0.625775	-1.59802	0.0946091	0.888208	-1.12586	0.083829	1.13331	1.13331	0.390723	0.94483	-1.05839	0.00227736	0.618235	-1.46792	13.5788	0.895387	0.0586134	1
cg07133459	CRIP4K	0.00374072	0.183786	0.837993	-1.19333	0.248285	1.16332	1.16332	0.001354667	1.79173	1.79173	0.159654	0.828331	-1.20725	0.0604982	0.766974	-1.30383	0.00774282	1.53529	1.53529	0.00349658	1.64311	1.64311	0.0766413	0.781272	-1.27996	0.970049	0.995305	-1.00472	8.01243	1.99359	0.221166	1
cg26105660	CRIP4K	0.0275563	0.903123	0.67949	-1.47173	0.0135154	0.997485	-1.00256	0.975435	0.763912	-1.30905	0.008214	0.574706	-1.74006	0.0298234	0.574706	-1.74006	0.00624044	2.01045	2.01045	0.391272	1.18732	1.18732	0.000492377	2.90593	2.90593	0.21272	1.29245	1.29245	9.76418	5.90862	0.5379951	1
cg06166639	CRIP4K;CRIP4K	0.000501999	0.216546	1.22278	1.22278	0.744658	0.95067	-1.05189	0.284332	1.18771	1.18771	1.02E-05	0.230804	-4.33268	0.00231061	0.536827	-1.8628	0.798018	0.961112	-1.04046	0.210464	1.22643	1.22643	0.238999	1.21014	1.21014	0.132652	0.778051	-1.28526	14.2747	5.40848	0.336787	1
cg13387232	CRIP4K;CRIP4K	0.000809367	0.0116579	0.794274	-1.38108	0.817641	1.02394	1.02394	0.842881	0.954228	-1.04783	0.210938	1.11958	1.11958	5.00E-05	0.458686	-2.18014	0.168094	0.804234	1.16255	0.00097166	0.606876	-1.65123	0.941942	0.993501	-1.00654	0.00130077	0.618976	-1.61557	12.1635	2.02069	0.547569	1
cg10696428	CRIPT	0.0548396	1.52523	1.52523	1.52523	0.495586	1.14354	1.14354	0.0316016	0.564657	-1.77099	0.340982	0.826781	-1.20951	0.384815	0.641369	-1.55854	0.2773342	1.24484	1.24484	0.0314659	1.6307	1.6307	0.1014992	1.41562	1.41562	0.0900003	1.02407	1.02407	3.39233	2.01892	0.529015	1
cg06554134	CRIP7;PIGF;PIGF;CRIPT	0.0390899	0.860086	1.0546	1.0546	0.0015425	0.328539	-3.04178	0.0013111	1.30315	1.30315	0.0265152	0.334785	-2.98099	0.29358	0.720147	-1.38861	0.279573	0.712671	-1.40317	0.477381	0.804373	-1.2432	0.107695	0.589203	-1.69721	0.0156401	0.225267	0.33446	5.34178	1.27832	1
cg23370360	CRIP2;CRIP1	0.000203215	0.0222353	0.580515	-1.72542	0.582614	0.816325	-1.225	0.0019382	0.509226	-1.96425	0.00157413	0.389977	-2.5638	0.00024918	0.109521	-9.13068	0.0742199	0.5125	0.5125	0.0156433	0.2726534	-3.66953	0.0028574	0.222665	-4.49106	0.00029006	0.115045	-8.69224	18.341	18.8799	1.8443	1
cg10632722	CRIP1;CRIP3	0.00537102	0.645181	0.849062	-1.17777	0.0790329	0.50249	-1.99009	0.004103715	0.25697	-3.8915	0.149014	0.579199	-1.72652	0.000668846	0.159284	-6.27808	0.0842229	0.509599	-1.96233	0.112416	0.543411	-1.84023	0.020808846	0.374612	-2.66943	0.000850755	0.170484	-5.86566	7.17964	14.1607	1.75319	1
cg16023104	CRIP1;CRIP3	0.0435124	0.305837	0.567961	-1.75717	0.0373096	0.045154	-2.21956	9.91368	0.857992	0.263095	-3.79	0.453944	0.151641	0.363538	-2.75074	0.0083266	0.109562	-9.12729	0.537287	0.662675	-1.50904	0.00323889	0.070926	-14.086	0.199277	0.409273	-2.44334	0.192695	0.401276	-2.47969	0.57007	24.5324	6.10816	1
cg25734198	CRIP2;CRIP2;CRIP1;CRIP2;CRIP2;CRIP2	0.0013628	0.0043599	0.207292	-4.82414	0.51672	1.30719	1.30719	0.0253222	0.338443	-2.9547	0.00642769	0.235904	-4.25901	0.0132782	0.256008	-3.90625	0.746581	1.14124	1.14124	0.875	0.851413	-1.19.410	0.0884774	0.464965	-2.1507	0.00296491	0.189279	-5.26873	10.7724	26.3268	2.33739	1
cg00176129	CRIP2;CRIP2;CRIP1;CRIP2;CRIP2;CRIP2	0.00685434	0.546617	0.787693	-1.26921	0.811127	0.910692	-1.09807	0.689109	0.84548	-1.17037	0.129011	1.89841	1.89841	0.0117278	0.292194	-3.42238	0.994617	0.997367	-1.00264	0.00178733	0.176047	-5.68031	0.00228819	5.29249	5.29249	0.705668	0.8622	-1.15982	6.6586	16.103	2.14966	1
cg26735042	CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;CRIP2	0.0100433	0.458394	0.634833	-1.57621	0.0886419	0.413194	-2.42037	0.623065	0.7	-1.42857	0.198272	2.2691	2.2691	0.0064515	0.182085	-5.49142	0.0742883	0.6911	0.6911	0.0164152	0.5454	-1.83397	0.0442743	0.412592	-2.42363	0.0150002	0.874574	0.900192	-1.09988	5.90246	33.9505	5.11283	1
cg14997592	CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;CRIP2	0.0114526	0.0123234	0.283475	-3.52765	0.654159	0.833266	-1.2001	0.184191	0.565634	-1.76793	0.0105955	0.67021	-1.49187	0.0015344	0.358264	-2.79133	0.339879	1.48867	1.48867	0.040531	0.384067	-2.60371	0.0382846	0.264101	2.64101	0.373295	0.690942	-1.4473	5.65841	14.6632	2.30346	1
cg20706515	CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;CRIP2	0.212896	0.186375	0.585151	-1.70823	0.108409	0.684219	-1.46202	0.0013002	0.222782	-4.48907	0.0002855	0.0882485	-11.2856	0.0004599	0.191562	-5.22367	0.1373129	0.5045	0.5045	0.0509396	0.19162	-5.21797	0.0509497	-10.7585	0.1544571	0.3239	-3.08778	0.79145	-1.25391	5.51594	0.2249	0.277878	1
cg25390787	CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;CRIP2	0.0206394	0.8908	0.919453	-1.0876	0.296365	0.515861	-1.93851	0.622579	0.73839	-1.3543	0.0344891	4.51513	4.51513	0.0288059	0.206782	-4.83602	0.808049	0.861746	-1.16044	0.0154304	0.162523	-6.15297	0.00652432	0.6781	0.6781	0.929001	0.946977	-1.05599	4.65445	27.5489	5.26119	1
cg08942800	CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;CRIP2	0.021678	0.29958	0.642433	-1.55658	0.0789753	0.44805	-2.23189	0.507291	0.758139	-1.31902	0.48795	1.33647	1.33647	0.0150145	0.218029	-4.58654	0.047384	0.393102	-2.54187	0.00945935	0.25832	-3.87116	0.0521488	0.247906	2.47906	0.0961112	0.100201	1.00201	4.57701	12.2808	2.38502	1
cg21730255	CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;CRIP2	0.0132435	0.0492233	0.340606	-2.93336	0.0112497	0.2182	-4.58294	0.107391	0.436062	-2.32201	0.585938	0.768209	-1.30173	0.0181598	0.252965	-3.95312	0.425409	0.676914	-1.47729	0.00437133	0.161222	-6.20263	0.507103	1.53078	1.53078	0.272976	0.578709	-1.72798	9.93963	14.3399	3.23547	1
cg04595372	CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;CRIP2;C	0.00707753	0.251748	0.704799	-1.41485	0.31453	1.35512	1.35512	0.992182	1.00287	1.00287	0.0535188	1.89783	1.89783	0.0145841	0.415219	-2.40837	0.119265	1.63881	1.63881	0.0115695	0.397515	-2.51563	0.00135956	3.78591	3.78591	0.566263	0.844169	-1.1846	6.59243	8.91354	1.20185	1
cg09375907	CRIP3	6.49E-05	5.92E-05	0.263281	-3.79823	0.234357	0.799422	-1.2509	0.00720668	0.536432	-1.86417	0.00351475	0.49123	-2.03571	0.00064635	0.390694	-2.55955	0.000106404	0.292774	-3.41561	5.33E-06	0.156938	-6.37195	0.000166213	0.316025	-3.16431	0.00371591	0.494675	-2.02153	24.8474	12.691	0.454006	1
cg16424315	CRIP3	0.00349001	0.00252397	0.359418	-2.78107	0.0192554	0.583746	-1.7142	0.0161	0.607991	-1.64511	0.0078991	0.327583	-3.05196	0.0020541	0.232826	-4.29501	0.0001753	0.14532	-6.88105	1.96E-06	0.0511532	-19.5607	0.000147	0.13512	-7.40161	0.0125359	0.419405	-2.38433	0.513867	0.837629	-1.19385	4.8838	10.1436	1.10215	1
cg27136847	CRIP3	0.0170134	0.00913821	0.374628	-2.66932	0.207645	0.674369	-1.48287	0.004979746	0.332354	-3.00884	0.0103226	0.383596	-2.60691	0.0092963	0.37588	-2.66042	0.129554	0.615318	-1.62518	0.0758844	0.520548	-1.92064	0.0090882	0.954044	1.04844	0.954044	0.96001	1.23778	1
cg13534491	CRIP3	0.0501653	0.00208397	0.371443	-2.69317	0.0485577	0.184579	-5.41811	0.0465455	0.831682	-1.20255	0.0178053	0.306758	-3.26111	0.0466201	0.654522	-1.52797	0.0236403	0.860788	1.16178	1.02071	1.02071	0.0127511	0.784051	1.27551	1.27551	0.0115804	0.773404	-1.36239	0.442559	0.800403	1.24102	0.393799	1
cg18729810	CRISPLD1	0.0457004	0.574334	1.12785	1.12785	0.0939545	0.439674	-2.27441	0.00626343	0.469932	-2.12797	0.406462	0.835234	-1.19727	0.118747	0.698367	1.43191	0.966981	1.00881	1.00881	0.203162	0.752169	-1.32949	0.894854	0.972356	-1.02843	0.808444	0.949863	-1.05278	3.50518	2.49515	0.632754	1
cg06108360	CRISPLD2	7.67E-06	2.51E-05	0.267053	-3.74458	0.0009701	0.410808	-2.43423	0.003036392	0.40601	-2.463	0.00485661	0.554781	-1.80251	1.22E-05	0.231029	-4.28946	2.84E-05	0.272977	-3.66332	3.95E-07	0.101669	-9.83584	0.00179648	0.367648	-2.71999	0.000440515	0.416536	-2.40061	43.4627	17.1334	0.350408	1
cg07207780	CRISPLD2	0.00102918	0.795116	0.96463	-1.03672	0.0112481	0.24064	-4.14064	0.001440496	0.332979	-3.00349	0.113785	0.466562	-2.14292	0.0016247	0.301791	-3.31299	0.184704	1.14284	1.14284	0.00756267	0.466556	-2.14318	0.0294188	0.151	-1.51	0.0116596	0.561	-1.78224	0.17039	0.422077	0.2402	0.808684	1
cg01704698	CRISPLD2	0.00025441	0.0130476	0.428959	-2.33122	0.446098	0.807793	-1.23794	0.00134885	0.278139	-3.59532	0.00166145	0.290379	-3.44378	4.41E-05	0.119049	8.3999	0.363645	0.773695	-1.2925	7.93E-05	0.140831	-7.10072	0.01155575	0.419824	-2.38195	0.000220248	0.184171	-5.42975	17.1888	20.5621	1.06334	1
cg00702015	CRISPLD2	0.00170553	0.00102519	0.334749	-2.98737	0.0314766	0.687477	-1.54346	0.001078377	0.285657	-3.45845	0.6647	1.16635	1.16635	0.0013055	0.304448	-3.28373	0.0108686	0.708676	1.41107	0.0004829	0.2764	-3.61782	0.0154497	0.163928	1.58498	0.0013583	0.764	-1.30881	0.583	1.11993	-1.11993	0.010989	0.245328	0.164081	1
cg06097361	CRISPLD2	0.00206669	0.00568148	0.210567	-4.74909	0.00773526	0.115019	-9.04819	0.0010976	0.29178	-3.42643	0.0004688	0.216248	-4.62483	0.0001744	0.129409	-7.73125	0.0001847	0.0838283	-11.9281	0.000465369	0.0904484	-10.6328	0.00952175	0.244044	-4.09762	0.0126012	0.263893	-3.78941	0.55012	27.8951	2.59637	1
cg06465011	CRISPLD2	0.00233235	0.0128609	0.443115	-2.25675	0.230533	0.717893	-1.39296	0.000769733	0.263148	-3.82632	0.0375955	0.52962	-1.88815	0.000149204	0.179631	-5.56697	0.00939418	0.419917	-2.38142	0.391661	1.26017	1.26017	0.400853	0.797255	-1.2543	0.262177	0.734869	-1.36079	9.21815	10.1363	0.97742	1
cg26709988	CRISPLD2	0.00170553	0.382662	0.749279	-1.33417	0.0314766	0.687477	-1.54345	0.001078295	0.285631	-3.48155	0.6647	1.16635	1.16635	0.0013055	0.304448	-3.28373	0.0108686	0.708676	1.41107	0.0004829	0.2764	-3.61782	0.0154497	0.163928	1.58498	0.0013583	0.764	-1.30881	0.583	1.11993	-1.11993	0.010989	0.245328	0.164081	1
cg08537215	CRISPLD2	0.00735074	0.060204	2.38286	2.38286	0.0034127	0.10418	1.01418	0.75986	1.13381	1.13381	0.243906	0.606882	-1.64777	0.0553798	2.43407	2.43407	0.141803	1.90992	1.90992	0.0151248	0.299427	-3.39643	0.0335947	0.54628	5.04628	0.0823347	1.29974	2.19974	6.51488	17.3138	2.3623	1
cg06632908	CRISPLD2	0.149204	0.0128609	0.443115	-2.25675	0.230533	0.717893	-1.39296	0.000769733	0.263148	-3.82632	0.0375955	0.52962	-1.88815	0.000149204	0.179631	-5.56697	0.00939418	0.419917	-2.38142	0.391661	1.26017	1.26017	0.400853	0.797255	-1.2543	0.262177	0.734869	-1.36079	9.21815	10.1363	0.97742	1
cg23606079	CRISPLD2	0.00963716	0.217971	0.722813	-1.38348	0.335948	0.779954	-1.28213	0.0426791	1.79403	1.79403	0.253958	1.34769	1.34769	0.00840958	0.431066	2.31383	0.892957	0.966839	-1.0343	0.000703306	0.274237	-3.64649	0.489851	0.838867	-1.19208	0.470018	1.20213	1.20213	5.9808	5.94291	0.883257	1
cg10044912	CRISPLD2	0.00296827	0.0149869	0.351393	-1.9794	0.0196276	0.314407	1.71185	1.74185	0.0242425	0.559243	-1.81811	0.577065	0.885488	-1.13016	0.0356634	0.422737	-2.36554	0.178425	0.561752	5.60752	0.134907	0.748092	1.2973	1.2973	0.963201	1.03409	1.47279	1.47279	5.97181	4.40724	0.656006	1
cg05263042	CRISPLD2;CRISPLD2	0.0464488	0.0334477	0.570683	-1.49103	0.705876	0.962782	-1.03861	0.2126	0.612664	1.63264	0.0175607	0.298515	3.3352	0.43625	1.08228	1.08228	0.523547	1.12019	1.12019	0.268341	1.11855	1.11855	0.122331	1.12331	1.12331	0.700134	0.962026	-1.03947	0.251092	0.886957	1.12785	0.957	0.940883	-1.15787	0.559387	0.940883
cg05334363	CRK;CRK	0.000935117	0.309184	0.796153	-1.25604	0.20934	0.7508	-1.33191	0.0314875	0.579025	-1.72704	0.392669	1.20886	1.20886	0.00940311	0.490092	-2.04043	0.303638	0.793915	-1.25958	3.78E-05	0.180243	-5.54806	0.00403955	2.30803	2.30803	0.117006	0.691536	-1.44606	11.9922	8.91123	0.660519	1
cg05484231	CRK;CRK	0.0138168	0.7950261	0.9759	-1.0192554	0.97083	0.426352	-2.34577	0.1852	0.71857	0.0512045	0.180769	-1.13016	0.0636284	0.0011572	0.683208	-1.46409	0.124995	0.847172	-1.1424	0.225029	0.890392	-1.10747	0.713402	1.02999	1.02999	0.0710764	0.851213	-1.17479	0.54287	0.540908	0.090286	1
cg04815891	CRK;CRK	0.0132344	0.0253808	0.524874	-1.90522	0.466455	0.815467	-1.19693	0.443687	0.82743	-1.20856	0.90581	1.02913	1.02913	0.229742	0.736622	-1.35755	0.120412	0.664574	-1.50472	0.00183554	0.314819	-2.92553	0.95112	1.01498	1.01498	0.0122894	0.469355	-2.13058	0.98346	3.71208	0.828332	1
cg01013151	CRKL	0.000388475	0.411075	-2.45265	0.0405577	0.184579	-5.41811	0.0465455	0.831682	-1.20255	0.0178053	0.306758	-3.26111	0.0466201	0.654522	-1.52797	0.0236403	0.853196	0.965429	-1.0357	0.00266659	0.470057	-2.1274	-1.01181	0.959093	0.986375	-1.1608	0.184569	0.725126	-1.37907	5.41183	4.47983	0.735809	1
cg21378888	CRKL	0.019507	0.121554	0.748456	-1.33605	0.00255642	0.684429	-1.46107	0.0314875	0.579025	-1.72704	0.392669	1.20886	1.20886	0.00940311	0.490092	-2.04043	0.303638	0.793915	-1.25958	3.78E-05	0.180243	-5.54806	0.00403955	2.30803	2.30803	0.117006	0.691536	-1.44606	11.9922	8.91123	0.660519	1
cg06942142	CRKL	0.0100965	0.0615126	0.443488	-2.25485	0.0215769	0.344656	-2.90144	0.891219	0.94855	-1.0524	0.0338103	0.395116	-2.5309	0.0051158	0.249064	-4.01509	0.023407	0.351555	-2.84451	0.012328	0.330758	-3.02336	0.774766	0.895164	-1.11711	0.0539576	0.429764	-2.32686	0.08257	0.923396	2.09779	1
cg00579481	CRKL;CRKL	0.00353503	0.121554	0.748456	-1.33605	0.00255642	0.684429	-1.46107	0.0314875	0.579025	-1.72704	0.392669	1.20886	1.20886	0.00940311	0.490092	-2.04043	0.303638	0.793915	-1.25958	3.78E-05	0.180243	-5.54806	0.00403955	2.30803	2.30803	0.117006	0.691536	-1.44606	11.9922	8.91123	0.660519	1
cg24867215	PI3	0.00011448	0.00051173	0.353022	-2.83268	0.292585	0.810943	-1.23313	0.000250621	0.313736	-3.18739	0.403385	1.17834	1.17834	0.424782	1.16933	1.16933	0.000766929	0.376079	-2.65901	7.06E-05	0.148582	-6.73027	0.340473	1.20748	1.20748	0.00474642	0.486879	-2.0539	21.3527	12.4562	0.518537	1
cg07469310	CRLF1	0.0170953	0.001187	-1.10965	-1.320381	0.175426	-1.32026	0.0042763	0.355514	-2.82183	0.894206	1.05666	1.05666	0.362522	1.2882	1.2882	1.2882	0.003431	2.34107	2.34107	0.29318	0.637163	-1.56933	0.464766	1.22828	1.22828	0.4692	0.885672	1.0308	1.0308	4.68857	1.0308	1
cg25302015	CRLF3	0.000726701	0.00436794	0.209367	-4.7763	0.000296617	0.088975	-11.2391	0.00059657	0.11347	-8.81292	0.494901	0.752288	-1.32929	0.00634959	0.36813	-2.71643	0.01728338	0.303926	-3.29027	0.000170098	0.0724915	-13.7947	0.000773793	0.123704	-8.08379	0.0129396	0.281668	3.55028	12.8751	14.3948	2.3746	1
cg25966489	CRLF3	0.00113108	0.980943	1.00807	1.00807	0.00584803	0.297149	-3.36531	0.0430562	0.457071	-2.18784	0.201364	1.57427	1.57427	0.000374969	0.147656	-6.77249	0.01802119	0.380472	-2.62832	0.000129655	0.106864	-9.35771	0.00655102	0.308479	-3.27999	0.0434868	0.458022	-2.1833	11.3618	20.3536	1.59236	1
cg02389270	CRLF3	0.00134233	0.436113	1.17358	1.17358	0.0192554	0.583746	-1.7142	0.0161	0.607991	-1.64511	0.0078991	0.327583	-3.05196	0.0020541	0.232826	-4.29501	0.0001753	0.14532	-6.88105	1.96E-06	0.0511532	-19.5607	0.000147	0.13512	-7.40161	0.0125359	0.419405	-2.38433	0.513867	0.837629	-1.19385	4.8838	10.1436	1.10215	1
cg12970724	CRLF3	0.00295934	0.00949415	0.728823	-1.37207	0.514898	0.165563	-1.06563	0.010535	0.733605	-1.36313	0.00464387	0.14683	0.14683	0.0265313	0.776367	-1.28805	0.005445448	0.412173	0.412173	0.367281	0.914707	-1.09325	0.113234	1.18048	1.18048	0.0382347	0.2601	1.2601	5.92088	1.26105	0.130449	1
cg10004194	CRLF3	0.00427132	0.027199	0.487147	-2.05113	0.0196276	0.314407	1.71185	1.74185	0.0242425	0.559243	-1.81811	0.577065	0.885488	-1.13016	0.0356634	0.422737	-2.36554	0.178425	0.561752	5.60752	0.134907	0.748092	1.2973	1.2973	0.963201	1.03409	1.47279	1.47279	5.97181	4.40724	0.656006	1
cg21104798	CRLF3	0.00455426	0.830827	1.08326	1.08326	0.0177901	0.93631	-2.93631	0.408855	0.729228	-1.37131	0.234561	1.59324	1.59324	0.978431	0.989945	-1.01016	0.04609	0.425557	-2.34986	0.000279479	0.108426	-9.22288	0.0126829	0.314095	-3.18375	0.9019	1.04717	1.04717	7.5502	16.7095	1.96722	1
cg10803024	CRLF3	0.00478266	0.0232667	0.55305	0.55305	0.0896292	0.354903	0.22509	0.811325	-1.23255	0.0528672	1.4291	1.4291	0.345479	1.21797	1.21797	1.21797	0.011786	0.600162	-1.66622	0.000928967	2.25158	2.25158	0.047569	0.692239	-1.44459	0.189072	1.25338	1.25338	9.1487	3.10422	0.370939	1
cg10617994	CRLF3	0.0282724	0.626822	1.08495	1.08495	0.0652114	0.295437	-3.38207	0.0427564	0.733373	-1.3802	0.00318595	0.70953	2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07091678	CRTAC1	0.0414893	0.012845	0.246424	-4.05805	0.08436	0.420824	-2.37629	0.501015	0.733725	-1.36291	0.429178	0.693591	-1.44177	0.0253734	0.29976	-3.336
cg14119581	CRTAC1	0.0438137	0.293405	1.51583	1.51583	0.0619748	2.23023	2.23023	0.0778664	2.11236	2.11236	0.442174	1.34861	1.34861	0.63294	1.20158	1.20158
cg23245905	CRTAC1	0.0461722	0.00600464	0.260024	-3.8458	0.201968	0.603235	-1.65773	0.847007	0.930098	-1.07516	0.595602	0.81795	-1.22257	0.0405025	0.411648	-2.42926
cg08649440	CRTAC1	0.0479357	0.437081	0.852505	-1.17301	0.00252876	0.430066	-2.32522	0.306914	0.808227	-1.23728	0.867731	1.03412	1.03412	0.978328	0.994547	-1.00548
cg20447538	CRTAC1;GOLGA7B	0.00098647	0.000607666	0.406293	-2.46128	0.237826	0.809949	-1.23464	0.00337948	0.506899	-1.97278	0.0492838	0.682139	-1.46598	0.0128776	0.59072	-1.69285
cg15927455	CRTAC1;GOLGA7B	0.00157695	0.00565111	0.42746	-2.3394	0.0097017	0.464977	-2.15064	0.0382241	0.569991	-1.75441	0.0278584	0.544283	-1.83728	0.000242911	0.241678	-4.13773
cg07537821	CRTAM	0.0228221	0.0108648	0.239505	-4.17528	0.0162877	0.269072	-3.71647	0.00420971	0.18036	-5.54448	0.168606	0.519153	-1.92621	0.0395291	0.345063	-2.89802
cg19404215	CRTAP	0.000173435	0.000137734	0.0672938	-14.8602	?	?	?	?	?	?	?	?	?	?	?	?
cg11858213	CRTAP	0.00116809	0.0454285	0.601422	-1.66273	0.0112456	2.02125	2.02125	0.00204518	0.381738	-2.6196	0.00120261	0.349542	-2.86089	0.027604	0.561469	-1.78104
cg07761842	CRTAP	0.0178029	0.866793	1.0316	1.0316	0.258449	0.803726	-1.24421	0.0861244	1.42105	1.42105	0.000687004	0.38265	-2.61335	0.0840602	0.701726	-1.42506
cg04422208	CRTAP	0.0201879	0.634596	0.878717	-1.13802	0.0697619	0.57831	-1.72918	0.00373766	0.347387	-2.87863	0.0358036	1.93401	1.93401	0.0114787	0.42571	-2.34902
cg25354716	CRTAP	0.0247181	0.0529895	0.481026	-2.07889	0.0114076	0.348607	-2.86856	0.00860621	0.327885	-3.04985	0.998298	0.99929	-1.00071	0.215962	0.648318	-1.54245
cg10891157	CRTAP	0.0262406	0.324174	0.867425	-1.15284	0.0363757	1.40468	1.40468	0.391202	1.13056	1.13056	0.693321	1.05692	1.05692	0.0361158	1.40555	1.40555
cg14292368	CRTC1;CRTC1	0.00105089	0.00161332	0.407265	-2.45541	0.323149	0.81648	-1.22477	0.0150471	0.552283	-1.81067	0.120623	0.715726	-1.39718	0.000267075	0.304589	-3.28311
cg12045676	CRTC1;CRTC1	0.00193048	0.160861	1.10562	1.10562	0.109627	1.12404	1.12404	0.286584	0.928496	-1.07701	0.15237	1.10825	1.10825	0.0445096	1.16729	1.16729
cg05365033	CRTC1;CRTC1	0.0085226	0.854188	0.935844	-1.06855	0.108173	1.8808	1.8808	0.0320563	0.404471	-2.47237	0.79295	1.09945	1.09945	0.000366314	0.127813	-7.82396
cg17759252	CRTC1;CRTC1	0.0141791	0.0466403	5.08526	5.08526	0.0496865	4.94464	4.94464	0.784151	0.822009	-1.21653	0.709149	1.30666	1.30666	0.000766892	0.0263155	-38.0005
cg02705909	CRTC1;CRTC1	0.0152929	0.0712234	0.627093	-1.59466	0.0150754	0.5007	-1.9972	0.0541881	0.602877	-1.65871	0.917284	0.976229	-1.02435	0.0118226	0.482897	-2.07083
cg20256498	CRTC1;CRTC1	0.0247128	0.158512	0.816455	-1.22481	0.462815	1.10577	1.10577	0.0349973	0.718559	-1.39167	0.140779	1.23755	1.23755	0.30095	1.1551	1.1551
cg18629615	CRTC1;CRTC1	0.027168	0.0890219	0.744543	-1.34311	0.118295	0.765887	-1.30568	0.0184828	1.56736	1.56736	0.547769	0.908764	-1.1004	0.109034	0.759672	-1.31636
cg11824179	CRTC1;CRTC1	0.0284187	0.962245	0.993145	-1.0069	0.124069	0.78506	-1.27379	0.216992	0.827994	-1.20774	0.0844965	0.757841	-1.31954	0.980805	0.99651	-1.0035
cg24694329	CRTC1;CRTC1	0.030391	0.0623432	0.424886	-2.35357	0.0934425	0.471068	-2.12284	0.100847	0.480395	-2.08162	0.26856	1.60021	1.60021	0.0884517	0.464485	-2.15292
cg24085885	CRTC1;CRTC1	0.031835	0.0653475	0.306861	-3.2588	0.164649	0.428865	-2.33174	0.148646	0.412861	-2.42212	0.177598	0.441224	-2.26642	0.0244317	0.216277	-4.6237
cg12034943	CRTC1;CRTC1	0.0389915	0.0508295	0.371475	-2.69197	0.0501163	2.7025	2.7025	0.959153	1.02306	1.02306	0.165311	1.93227	1.93227	0.0835663	0.42637	-2.34538
cg11669998	CRTC1;CRTC1	0.0393831	0.0565551	0.254938	-3.92252	0.0618173	0.264023	-3.78755	0.079651	0.291807	-3.42693	0.174548	0.40075	-2.49532	0.030783	0.200655	-4.98368
cg21290814	CRTC1;CRTC1	0.0404073	0.0365807	0.159724	-6.26079	0.0174473	0.112457	-8.89227	0.124863	0.285222	-3.50604	0.894024	0.904257	-1.10588	0.00907219	0.0817675	-12.2298
cg00575683	CRTC2	0.0204539	0.00574005	0.564777	-1.77061	0.520784	0.902395	-1.10816	0.0122129	1.63667	1.63667	0.576138	0.914739	-1.09321	0.0335105	0.675765	-1.4798
cg08865423	CRTC2	0.0205347	0.359152	1.0871	1.0871	0.612413	1.04629	1.04629	0.0283078	1.25776	1.25776	0.019478	0.778684	-1.28422	0.0190973	1.28564	1.28564
cg18821316	CRTC2	0.0271801	0.097913	0.819391	-1.22042	0.69919	1.04352	1.04352	0.938886	1.00845	1.00845	0.00433903	0.658228	-1.51923	0.0145963	0.718944	-1.39093
cg22441770	CRTC2	0.0369865	0.0308884	0.464839	-2.15128	0.0232271	2.27053	2.27053	0.369991	1.32083	1.32083	0.297532	1.38599	1.38599	0.190878	0.657962	-1.51984
cg17830812	CRTC3;CRTC3	0.0173571	0.33647	1.25644	1.25644	0.00281768	0.387598	-2.57999	0.0094188	0.468529	-2.13434	0.552833	0.870832	-1.14833	0.0322681	0.561266	-1.78169
cg07199524	CRTC3;CRTC3	0.0220993	0.69322	1.41476	1.41476	0.131329	4.16001	4.16001	0.0333167	8.81706	8.81706	0.164779	0.273382	-3.65789	0.00268238	0.0264802	-37.764
cg04417954	CRTC3;CRTC3	0.0406196	0.199498	0.76171	-1.31284	0.00245728	2.33007	2.33007	0.0433018	1.59477	1.59477	0.609216	0.901651	-1.10908	0.664073	1.09171	1.09171
cg11707084	CRX	0.00174899	0.115769	0.645662	-1.5488	0.0727982	1.6689	1.6689	0.000655564	0.262817	-3.80493	0.00616495	0.400819	-2.49489	0.00123681	0.298678	-3.34809
cg19762747	CRX	0.00578996	0.669596	0.9033	-1.10705	0.000231507	4.25429	4.25429	0.959887	1.01199	1.01199	0.0811573	1.58108	1.58108	0.353983	0.797762	-1.25351
cg25686793	CRX	0.0322556	0.0279625	2.06446	2.06446	0.0108799	2.44121	2.44121	0.126642	1.58603	1.58603	0.33778	1.31765	1.31765	0.042563	1.91904	1.91904
cg21621114	CRX	0.0444962	0.0105171	1.65944	1.65944	0.819619	0.964703	-1.03659	0.166247	0.792751	-1.26143	0.664184	0.933585	-1.07114	0.0904091	0.745615	-1.34117
cg20193872	CRY1	3.11E-07	1.24E-07	0.162143	-6.16739	0.000233989	0.516909	-1.93458	1.87E-06	0.277825	-3.59939	0.000203543	0.5099	-1.96117	3.22E-08	0.115317	-8.67176
cg18121829	CRY1	0.0221101	0.0234218	0.196978	-5.0767	0.0941045	0.331423	-3.01729	0.0451723	0.251871	-3.97029	0.385572	1.70525	1.70525	0.0105087	0.144881	-6.90223
cg00442220	CRY1	0.0331213	0.00973904	1.96401	1.96401	0.457533	0.855395	-1.16905	0.827421	1.04611	1.04611	0.374746	0.82854	-1.20694	0.0295433	0.589187	-1.69725
cg10126874	CRY1;CRY1	0.00417518	0.0204306	0.246504	-4.05673	?	?	?	0.573522	1.31936	1.31936	0.813962	0.891618	-1.12156	0.541592	0.739938	-1.35146
cg01618083	CRY2;CRY2	2.67E-05	4.09E-07	0.0415064	-24.0927	0.254348	1.30018	1.30018	0.953531	0.98723	-1.01294	0.221288	1.32785	1.32785	0.00216189	0.386912	-2.58456
cg07326765	CRY2;CRY2	0.0010825	0.345256	1.2138	1.2138	0.0651285	0.661824	-1.51098	0.513668	1.14113	1.14113	0.000385838	3.09198	3.09198	0.000355942	0.318988	-3.13491
cg15812322	CRY2;CRY2	0.00119758	0.106379	0.777214	-1.28665	0.249475	1.18773	1.18773	0.879492	1.02192	1.02192	8.86E-05	2.72792	2.72792	0.295429	0.856336	-1.16777
cg15616511	CRY2;CRY2	0.00379708	0.00492753	1.67869	1.67869	0.0294816	0.700084	-1.4284	0.5432	0.917971	-1.08936	0.871295	1.02281	1.02281	0.00246376	0.556756	-1.79612
cg24354272	CRY2;CRY2	0.0113822	0.0138785	0.381403	-2.6219	0.12778	0.593287	-1.68553	0.0107891	0.36223	-2.76067	0.883243	1.0477	1.0477	0.021834	0.417873	-2.39307
cg15675740	CRY2;CRY2	0.0187937	0.422982	1.32945	1.32945	0.00893802	3.18093	3.18093	0.00965397	3.12549	3.12549	0.00461729	3.71158	3.71158	0.310198	0.693939	-1.44105
cg22234194	CRY2;CRY2	0.0236552	0.278233	0.856448	-1.16761	0.085821	1.29813	1.29813	0.137315	1.24601	1.24601	0.188601	0.825763	-1.211	0.315441	1.15334	1.15334
cg24754334	CRY2;CRY2;CRY2	0.00776264	0.128347	1.32996	1.32996	0.43064	1.14975	1.14975	0.00416435	0.513659	-1.94682	0.71936	0.939325	-1.06459	0.0262274	0.63291	-1.58
cg12205591	CRYAA	0.00042497	0.0291272	0.622924	-1.60533	0.000199089	0.316581	-3.15875	0.0219182	0.602805	-1.65891	0.272892	0.810529	-1.23376	0.000310449	0.340582	-2.93615
cg05809947	CRYAA	0.000804236	6.94E-05	0.235645	-4.24367	0.00244215	0.432256	-2.31344	0.00756029	0.504874	-1.98069	0.750287	1.06557	1.06557	0.0413671	0.626291	-1.5967
cg03539747	CRYAA	0.00574215	0.0345014	0.565889	-1.76713	0.0599252	0.612539	-1.63255	0.00179064	0.358384	-2.7903	0.0165619	0.5087	-1.96579	0.00357287	0.401962	-2.4878
cg19378039	CRYAA	0.00618912	0.168748	0.842501	-1.18694	0.022689	0.727018	-1.37548	0.0964406	0.807903	-1.23777	0.650746	0.948128	-1.05471	0.000149807	0.467172	-2.14054
cg03253268	CRYAA	0.0169199	0.106802	1.68047	1.68047	0.196759	1.49532	1.49532	0.258742	1.41535	1.41535	0.864358	1.0517	1.0517	0.748654	0.90958	-1.09941
cg10196650	CRYAA	0.0259472	0.163563	1.40883	1.40883	0.00730542	0.450493	-2.21979	0.00174046	0.357271	-2.799	0.953287	1.0136	1.0136	0.123995	0.681125	-1.46816
cg21549497	CRYAA	0.0298861	0.776425	0.958833	-1.04293	0.0196099	0.659451	-1.51641	0.540644	1.09577	1.09577	0.231825	0.830972	-1.20341	0.770108	0.957656	-1.04422
cg04098685	CRYAA	0.039077	0.0974276	0.491808	-2.03331	0.0441716	0.405707	-2.46483	0.0368726	0.388322	-2.57518	0.202786	1.68985	1.68985	0.00729409	0.259213	-3.85783
cg05274953	CRYAA;CRYAA	0.0118366	0.389275	0.843058	-1.18616	0.500999	1.14129	1.14129	0.00813522	0.519171	-1.92615	0.634001	1.09725	1.09725	0.0213783	0.585624	-1.70758
cg11694519	CRYAB;HSPB2	1.50E-05	0.00426526	0.259902	-3.84761	1.06E-05	27.4835	27.4835	0.66632	1.16518	1.16518	0.0127834	2.97399	2.97399	0.00495201	0.269464	-3.71107
cg15204861	CRYAB;HSPB2	0.000383725	0.615817	0.912337	-1.09609	0.000112227	3.42457	3.42457	0.549005	1.11623	1.11623	0.335495	1.19734	1.19734	0.814766	0.958335	-1.04348
cg01158277	CRYAB;HSPB2	0.00104856	0.209745	0.624361	-1.60164	0.00127326	5.33721	5.33721	0.443835	1.32072	1.32072	0.110503	1.85837	1.85837	0.139083	0.567053	-1.7635
cg07476508	CRYAB;HSPB2	0.00166091	0.001799	0.226325	-4.41842	0.00587837	3.34072	3.34072	0.00545838	0.294354	-3.39727	0.986624	1.00563	1.00563	0.0153123	0.3693	-2.70783
cg08688043	CRYBA1	0.00125762	0.000126572	0.151069	-6.61949	0.479523	0.815776	-1.22583	0.830868	1.06246	1.06246	0.103101	1.65713	1.65713	0.000188557	0.167966	-5.95359
cg13138279	CRYBA1	0.012375	0.0416152	0.489357	-2.0435	0.0661456	0.534153	-1.87212	0.207539	0.66742	-1.49831	0.665623	0.876095	-1.14143	0.000267959	0.162109	-6.16871
cg17054386	CRYBA2;CRYBA2;CRYBA2	0.0355523	0.0170285	3.23589	3.23589	0.0237467	2.97272	2.97272	0.243038	1.63738	1.63738	0.227249	1.66806	1.66806	0.332176	1.49752	1.49752
cg12323503	CRYBA4	0.0296339	0.111012	0.794354	-1.25888	0.553817	1.08265	1.08265	0.92904	1.01188	1.01188	0.182234	0.828839	-1.20651	0.257005	0.854816	-1.16984
cg00618042	CRYBA4	0.043914	0.308872	1.20597	1.20597	0.163402	0.767571	-1.30281	0.0109812	0.566942	-1.76385	0.180034	0.776318	-1.28813	0.445669	0.870881	-1.14826
cg06727761	CRYBA4	0.0444534	0.221807	0.820143	-1.2193	0.00831095	1.68357	1.68357	0.786855	1.04274	1.04274	0.278465	0.840292	-1.19006	0.0632916	0.724338	-1.38057
cg01851928	CRYBB1	2.61E-05	0.266354	1.11099	1.11099	3.01E-05	2.09978	2.09978	9.20E-05	1.88639	1.88639	0.082158	1.19127	1.19127	0.014547	0.760691	-1.3146
cg17182184	CRYBB1	0.0125476	0.0207592	0.465087	-2.15013	0.00528562	0.363825	-2.74857	0.0354034	0.509864	-1.96131	0.039286	0.51902	-1.92671	0.00139145	0.279736	-3.5748
cg21531389	CRYBB1	0.0279289	0.0502259	0.419601	-2.38322	0.000631169	0.129566	-7.7181	0.0740512	0.460934	-2.16951	0.664302	0.843769	-1.18516	0.261128	0.633853	-1.57765
cg00152646	CRYBB1	0.0419548	0.314799	1.50657	1.50657	0.949204	0.975194	-1.02544	0.506404	1.30448	1.30448	0.218159	1.6665	1.6665	0.00118225	0.153286	-6.52376
cg05564117	CRYBB2	0.000383863	0.212411	0.741412	-1.34878	0.12276	0.683221	-1.46365	6.11E-05	0.185382	-5.39426	0.815524	0.948153	-1.05468	0.608733	0.88904	-1.12481
cg09680055	CRYBB2	0.00205756	0.0217653	0.369286	-2.70793	0.00733901	0.286465	-3.49083	0.00992709	0.307858	-3.24825	0.00951687	0.304799	-3.28085	0.000955141	0.168565	-5.93244
cg14962327	CRYBB2	0.00315934	0.00644287	0.272855	-3.66495	0.035699	0.408173	-2.44994	0.00633122	0.271684	-3.68074	0.0350421	0.406447	-2.46035	0.00242966	0.21283	-4.69859
cg12652953	CRYBB2	0.00360906	0.0183881	0.359203	-2.78394	0.0161147	0.348577	-2.86881	0.00544504	0.270146	-3.7017	0.0214598	0.37198	-2.68832	0.00285923	0.23016	-4.3448
cg23035923	CRYBB2	0.0112232	0.00617845	0.267883	-3.73297	0.0215469	0.361272	-2.76799	0.0315894	0.394676	-2.53372	0.0623104	0.461191	-2.1683	0.0100885	0.301976	-3.31152
cg25497487	CRYBB2	0.0180421	0.0281433	0.219236	-4.56128	0.026724	0.215121	-4.64855	0.0110413	0.154765	-6.4614	0.0734781	0.310954	-3.21591	0.00896048	0.142888	-6.9985
cg26239816	CRYBB2	0.0249526	0.0315395	0.180788	-5.53134	0.0113207	0.116339	-8.5956	0.0297297	0.176322	-5.67145	0.131506	0.33141	-3.01741	0.015837	0.134688	-7.42459
cg23803431	CRYBB2	0.0347824	0.0232698	0.219933	-4.54684	0.0133782	0.180717	-5.5335	0.0619594	0.309209	-3.23406	0.217654	0.48469	-2.06317	0.0361163	0.256405	-3.90008
cg19025573	CRYBB2	0.0376188	0.0415895	0.353671	-2.82749	0.00670046	0.211015	-4.739	0.0504206	0.372883	-2.68181	0.562299	0.771686	-1.29586	0.0341843	0.335096	-2.98422
cg24240804	CRYBB3	0.000450485	0.0046996	0.479838	-2.08404	0.0449012	0.637695	-1.56815	1.27E-05	0.166128	-6.01945	0.344569	1.20959	1.20959	0.00817112	0.516042	-1.93783
cg09502435	CRYBB3	0.00132828	0.000691974	0.0792608	-12.6166	0.179738	2.00881	2.00881	0.362208	0.632241	-1.58168	0.751834	0.856153	-1.16801	0.000224778	0.0495518	-20.1809
cg21559677	CRYBB3	0.00244717	0.906395	1.02004	1.02004	0.000879076	0.43118	-2.31922	0.000572442	0.406778	-2.45834	0.612554	0.917465	-1.08996	0.0359639	1.50913	1.50913
cg04038879	CRYBB3	0.0129507	0.732498	0.924215	-1.082	0.625418	1.11965	1.11965	0.013819	0.497114	-2.01161	0.00983696	0.472601	-2.11595	0.000524047	0.288897	-3.46144
cg25221625	CRYBB3	0.0271164	0.0450979	0.524759	-1.90564	0.504844	1.209	1.209	0.297219	0.738528	-1.35404	0.162728	0.6584	-1.51883	0.00122042	0.265209	-3.7706
cg07068768	CRYBB3;CRYBB3	0.0088126	0.141686	0.654709	-1.5274	0.132397	1.54538	1.54538	0.0489862	0.547426	-1.82673	0.0781414	0.591771	-1.68984	0.000196692	0.186789	-5.35362
cg17527766	CRYBG3	2.30E-06	8.69E-06	0.17111	-5.84421	0.0233367	0.609461	-1.64079	2.30E-05	0.212791	-4.69945	8.66E-05	0.2761	-3.62188	1.01E-06	0.0959629	-10.4207
cg07535903	CRYBG3	0.00127992	0.0159505	0.707932	-1.41257	0.190237	1.1763	1.1763	0.0331017	0.747054	-1.33859	0.247592	0.86806	-1.15199	0.000294601	0.501463	-1.99416
cg12799739	CRYBG3	0.00331976	0.00327627	0.303284	-3.29723	0.398665	1.29336	1.29336	0.00445547	0.323239	-3.09369	0.0791621	0.559765	-1.78646	0.000409666	0.188109	-5.31607
cg18279254	CRYBG3	0.00358821	0.0251226	0.542431	-1.84355	0.360206	0.805728	-1.24111	0.00125458	0.338968	-2.95013	0.122141	0.680634	-1.46922	0.0329722	0.564017	-1.773
cg18604215	CRYBG3	0.00378845	0.00513632	0.489255	-2.04393	0.00351202	0.465026	-2.15042	0.005239	0.490532	-2.0386	0.0933035	0.699755	-1.42907	0.00168518	0.419725	-2.38251
cg09348504	CRYGA	1.19E-05	0.267812	0.879304	-1.13726	0.000130963	0.47719	-2.0956	3.44E-07	0.19324	-5.1749	0.000377517	0.530924	-1.88351	0.472024	1.08493	1.08493
cg11729430	CRYGA	0.0186866	0.0998111	0.695535	-1.43774	0.494377	1.14803	1.14803	0.0692939	0.663343	-1.50752	0.0843741	0.680506	-1.46949	0.00946427	0.50762	-1.96998
cg20018812	CRYGB	0.000476335	0.00307744	0.335511	-2.98053	0.0353881	0.516698	-1.93537	0.00587012	0.378387	-2.6428	0.0423327	0.532447	-1.87812	0.0002454	0.195337	-5.11935
cg19855215	CRYGB	0.013594	0.0249346	0.392008	-2.55097	0.0590636	0.473291	-2.11286	0.023371	0.386454	-2.58763	0.0377213	0.429219	-2.32981	0.00303502	0.240412	-4.15952
cg13352515	CRYGB	0.0305666	0.425855	0.879741	-1.1367	0.367876	0.864379	-1.1569	0.0186729	0.638136	-1.56707	0.827719	0.96624	-1.03494	0.00137783	0.481366	-2.07742
cg17314180	CRYGB	0.0374106	0.0343586	0.235641	-4.24374	0.128642	0.382224	-2.61626	0.0909077	0.335998	-2.97621	0.0723121	0.308964	-3.23663	0.0199676	0.193079	-5.17924
cg05619712	CRYGC	0.00490805	0.0379526	0.476666	-2.09791	0.00138942	0.240084	-4.16522	0.00686357	0.340302	-2.93857	0.0744056	0.542226	-1.84425	0.0340837	0.466946	-2.14157
cg03549660	CRYGC	0.0155409	0.0969134	0.578348	-1.72906	0.0216204	0.436535	-2.29077	0.182822	0.65389	-1.52931	0.643256	0.869217	-1.15046	0.0131153	0.396728	-2.52062
cg21735670	CRYGC	0.0249421	0.0281219	0.423203	-2.36293	0.0568376	0.489313	-2.04368	0.0140362	0.365801	-2.73373	0.375802	1.35175	1.35175	0.00214048	0.239285	-4.17911
cg11463113	CRYGD	0.00108192	0.00157779	0.138794	-7.20492	0.00423562	0.188992	-5.29123	0.0116061	0.253327	-3.94747	0.0626889	0.401931	-2.48799	0.00298316	0.169849	-5.88759
cg12073779	CRYGD	0.00312381	0.00161061	0.289214	-3.45765	0.00764998	0.390445	-2.56118	0.0219213	0.470381	-2.12594	0.629915	0.875306	-1.14246	0.01524	0.44155	-2.26475
cg00018606	CRYGD	0.00788111	0.0151987	0.503373	-1.9866	0.00587015	0.436028	-2.29343	0.16076	0.708305	-1.41182	0.703578	1.09199	1.09199	0.0309481	0.558113	-1.79175
cg09453636	CRYGD	0.0167036	0.00397737	0.13394	-7.46602	0.0424844	0.297323	-3.36335	0.013013	0.20193	-4.95222	0.158266	0.456977	-2.18829	0.00592677	0.154327	-6.47975
cg09159795	CRYGN	8.84E-06	8.71E-05	0.549438	-1.82004	6.79E-07	0.316719	-3.15737	0.00139097	0.674217	-1.4832	0.000177848	0.582474	-1.71681	1.93E-05	0.47804	-2.09188
cg18560014	CRYGN	0.000717015	0.655767	0.939286	-1.06464	0.447553	0.897569	-1.11412	0.0015085	0.528232	-1.89311	0.147059	0.804741	-1.24264	1.13E-05	0.272103	-3.67508
cg16044810	CRYGN	0.0170293	0.0386569	2.10871	2.10871	0.254472	1.44873	1.44873	0.245672	1.45975	1.45975	0.150305	1.61665	1.61665	0.0295232	2.22196	2.22196
cg03665494	CRYGN	0.0215519	0.057151	0.768092	-1.30193	0.0383907	1.34198	1.34198	0.170686	1.19586	1.19586	0.386903	0.896965	-1.11487	0.405633	1.10995	1.10995
cg08403994	CRYGN	0.0335424	0.261848	0.775631	-1.28927	0.0705078	1.55108	1.55108	0.518523	0.867504	-1.15273	0.202804	1.33906	1.33906	0.00379024	0.428215	-2.33528
cg18810691	CRYGN	0.0404291	0.164182	0.68397	-1.46205	0.022459	0.49675	-2.01308	0.0118001	0.447235	-2.23596	0.301435	0.760355	-1.31517	0.0522033	0.568312	-1.7596
cg24929514	CRYGN	0.042046	0.0654744	0.573464	-1.74379	0.254988	1.37664	1.37664	0.0283633	0.498571	-2.00573	0.047356	1.8408	1.8408	0.502886	1.20065	1.20065
cg02512352	CRYGN;CRYGN	0.0156276	0.22984	0.700799	-1.42694	0.0159241	2.3003	2.3003	0.816678	1.06772	1.06772	0.900999	0.96549	-1.03574	0.851632	0.948535	-1.05426
cg09730423	CRYGS	0.0001244	0.953858	0.986152	-1.01404	0.265407	1.32272	1.32272	0.0101943	2.18299	2.18299	0.0415287	0.567567	-1.76191	3.29E-06	0.0707339	-14.1375
cg02402946	CRYL1	0.00138891	0.00401082	0.395595	-2.52784	0.796087	1.06408	1.06408	8.11E-05	0.181744	-5.50225	0.00182451	0.345572	-2.89376	0.00307577	0.378335	-2.64316
cg11970797	CRYL1	0.0018354	0.0002899	0.120288	-8.31337	0.184758	0.60412	-1.6553	0.0062168	0.278584	-3.58958	0.161987	0.585674	-1.70744	0.000503938	0.142501	-7.01748
cg07092805	CRYL1	0.00185919	0.00671087	0.536381	-1.86435	0.433577	0.867986	-1.15209	0.0477991	0.669681	-1.49325	0.905132	0.979097	-1.02135	0.000221346	0.33624	-2.97407
cg25334903	CRYL1	0.00310401	4.76E-05	0.207332	-4.82318	0.301728	0.802708	-1.24578	0.672174	0.916288	-1.09136	0.235711	0.774732	-1.29077	0.293219	0.799349	-1.25102
cg02430645	CRYL1	0.00511518	0.0483788	2.11773	2.11773	0.000891994	5.23463	5.23463	0.0471386	2.12912	2.12912	0.18825	1.59012	1.59012	0.295582	0.697099	-1.43452
cg23831927	CRYL1	0.00797255	0.168064	1.33136	1.33136	0.00436476	2.09976	2.09976	0.918578	1.02012	1.02012	0.937165	1.01548	1.01548	0.133684	1.37044	1.37044
cg15741083	CRYL1	0.00930661	0.943995	0.990113	-1.00999	0.399299	1.1298	1.1298	0.963635	0.993572	-1.00647	0.316863	0.863857	-1.1576	0.0252174	0.686314	-1.45706
cg07223180	CRYL1	0.0106697	0.0641548	2.38228	2.38228	0.0169158	3.37308	3.37308	0.0598188	2.42594	2.42594	0.696451	1.17775	1.17775	0.0308692	2.88015	2.88015
cg07974823	CRYL1	0.0110248	0.00140595	0.395529	-2.52826	0.0428056	0.626495	-1.59618	0.0134121	0.541121	-1.84801	0.422143	1.17875	1.17875	0.0145477	0.546812	-1.82878
cg09274418	CRYL1	0.0120515	0.0681629	1.38661	1.38661	0.00389158	1.86283	1.86283	0.245646	0.823387	-1.2145	0.0589045	1.40691	1.40691	0.0103206	1.67727	1.67727
cg19870370	CRYL1	0.0142921	0.0302046	2.92862	2.92862	0.00136706	7.09108	7.09108	0.0694671	2.35412	2.35412	0.158518	1.88801	1.88801	0.0345852	2.82621	2.82621
cg24572153	CRYL1	0.0150496	0.00450608	1.76872	1.76872	0.018057	0.648813	-1.54128	0.111338	0.770094	-1.29854	0.181469	0.807616	-1.23821	0.840434	1.03083	1.03083
cg25432738	CRYL1	0.0166065	0.0142275	3.71966	3.71966	0.054447	2.58031	2.58031	0.24627	0.59054	-1.69337	0.55186	1.29884	1.29884	0.0253994	3.17133	3.17133
cg19159759	CRYL1	0.0169224	0.0488559	2.35002	2.35002	0.00313308	4.63789	4.63789	0.0359214	2.52693	2.52693	0.236918	1.60108	1.60108	0.0271692	2.69981	2.69981
cg03244494	CRYL1	0.0174988	0.822282	1.08787	1.08787	0.0114397	3.27007	3.27007	0.936984	0.970831	-1.03005	0.0287173	2.62729	2.62729	0.00207918	5.06608	5.06608
cg16509445	CRYL1	0.0179018	0.0779567	0.835861	-1.19637	0.788181	0.975651	-1.02496	0.0828082	0.838756	-1.19224	0.0945919	0.845193	-1.18316	0.460762	1.07116	1.07116
cg16671238	CRYL1	0.0246769	0.0610873	0.667501	-1.49812	0.0243539	1.67178	1.67178	0.57271	0.896589	-1.11534	0.041368	0.637258	-1.56922	0.0918067	0.700836	-1.42687
cg11345143	CRYL1	0.0439596	0.444142	1.32813	1.32813	0.00436954	3.99403	3.99403	0.189216	1.65848	1.65848	0.81456	1.08922	1.08922	0.0793744	2.03066	2.03066
cg14616881	CRYL1	0.0439709	0.984072	1.00479	1.00479	0.686405	0.907382	-1.10207	0.214066	0.731069	-1.36786	0.450477	0.831834	-1.20216	0.00100816	0.310825	-3.21724
cg23485627	CRYL1	0.0473699	0.0966782	0.745638	-1.34113	0.68437	0.936337	-1.06799	0.0454241	0.691201	-1.44676	0.525747	0.90169	-1.10903	0.426892	1.13948	1.13948
cg00800759	CRYM	0.000355508	0.0619857	0.725798	-1.37779	0.00237467	0.524043	-1.90824	0.0157502	0.636835	-1.57027	0.00237513	0.524054	-1.9082	0.831358	1.03306	1.03306
cg16596604	CRYM	0.00631205	0.393371	0.710787	-1.40689	0.000164582	0.0814139	-12.2829	0.565409	1.25469	1.25469	0.0375218	2.56596	2.56596	0.774586	1.11864	1.11864
cg03038520	CRYM	0.00643717	0.00676187	0.379182	-2.63726	0.000499201	0.222172	-4.50102	0.0184572	0.454073	-2.20229	0.0680021	0.568599	-1.75871	0.0277647	0.487477	-2.05138
cg26612217	CRYM;CRYM	0.000512316	0.370047	1.13765	1.13765	0.000105018	0.382857	-2.61194	0.708776	1.05397	1.05397	0.54378	0.917511	-1.0899	0.0126349	0.647675	-1.54398
cg03114558	CRYM;CRYM	0.00218425	0.614733	0.7168	-1.39509	0.162569	2.65934	2.65934	0.0835714	3.51296	3.51296	7.21E-05	0.00872094	-114.667	0.565729	1.46361	1.46361
cg03974347	CRYM;CRYM	0.0220144	0.44971	1.1828	1.1828	0.00367555	2.35351	2.35351	0.701189	1.08766	1.08766	0.581441	1.12902	1.12902	0.814047	1.05269	1.05269
cg08345372	CRYM;CRYM	0.0383901	0.0467128	0.696635	-1.43547	0.103412	0.753717	-1.32676	0.665498	0.933282	-1.07149	0.252273	1.20905	1.20905	0.855801	0.971537	-1.0293
cg01259782	CRYM;NCRNA00169	0.00784693	0.328579	0.756464	-1.32194	0.587536	0.859348	-1.16367	0.00207961	0.301345	-3.31846	0.414436	1.25974	1.25974	0.0303059	0.494202	-2.02346

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07091678	0.236323	0.569763	-1.75512	0.018989	0.275947	-3.62389	0.0800867	2.41161	2.41161	0.213759	0.552407	-1.81026	3.63376	11.8274	2.8932	1
cg14119581	0.0405678	2.4659	2.4659	0.00209338	5.21813	5.21813	0.0250916	2.76472	2.76472	0.31736	1.48361	1.48361	3.5609	8.21456	2.05056	1
cg23245905	0.071977	0.470712	-2.12444	0.0143575	0.322284	-3.10285	0.0225219	0.358757	-2.7874	0.372968	0.709546	-1.40935	3.49168	7.78325	1.98141	1
cg08649440	0.786802	1.05609	1.05609	0.0255003	1.70629	1.70629	0.627626	0.906292	-1.1034	0.801556	1.052	1.052	3.44271	2.20926	0.570417	1
cg20447538	0.00348132	0.508703	-1.96578	0.000227522	0.351907	-2.84166	0.311819	1.19525	1.19525	0.0614008	1.43225	1.43225	11.8121	5.43598	0.409072	1
cg15927455	0.00829049	0.45387	-2.20327	0.0015678	0.345357	-2.89555	0.00049359	0.278937	-3.58504	0.0136928	0.489923	-2.04114	10.3296	8.96098	0.771116	1
cg07537821	0.347079	0.648773	-1.54137	0.0110087	0.240421	-4.15937	0.0339488	0.330768	-3.02326	0.122496	0.473366	-2.11253	4.49687	14.2229	2.81142	1
cg19404215	?	?	?	0.000333243	7.44223	7.44223	?	?	?	0.00173389	3.15935	3.15935	456.388	26.2355	0.057485	1
cg11858213	0.00469989	0.434959	-2.29907	0.0060014	0.451274	-2.21595	0.0245415	1.81036	1.81036	0.0391465	0.589226	-1.69714	11.258	8.75497	0.691258	1
cg07761842	0.376289	1.18323	1.18323	0.129457	0.738179	-1.35469	0.146554	0.74919	-1.33477	0.66394	0.922186	-1.08438	4.8932	2.66112	0.483413	1
cg04422208	0.825311	1.06151	1.06151	0.500446	0.831363	-1.20284	0.256955	1.37644	1.37644	0.271663	0.734173	-1.36208	4.68963	5.41625	1.02661	1
cg25354716	0.282238	0.689437	-1.45046	0.00408317	0.277318	-3.60597	0.480148	1.26981	1.26981	0.100406	0.549376	-1.82025	4.37444	7.67342	1.55924	1
cg10891157	0.469133	0.902239	-1.10835	0.00762204	0.619253	-1.61485	0.868482	0.977117	-1.02342	0.025091	1.45092	1.45092	4.28426	1.32391	0.274682	1
cg14292368	0.00400537	0.463781	-2.15619	0.000120687	0.263235	-3.79888	0.0933814	0.693045	-1.44291	0.00489505	0.476686	-2.09782	11.6019	7.2532	0.555709	1
cg12045676	0.0822321	1.13777	1.13777	6.08E-05	0.608744	-1.64273	0.563098	1.03997	1.03997	0.263187	1.08134	1.08134	9.74173	0.693451	0.0632743	1
cg05365033	0.280187	1.4987	1.4987	0.459821	1.31159	1.31159	0.100668	1.91189	1.91189	0.342018	0.702672	-1.42314	6.2188	12.7946	1.8288	1
cg17759252	0.986953	1.01174	1.01174	0.56501	0.660177	-1.51475	0.0920373	3.75815	3.75815	0.884057	0.901077	-1.10978	5.27778	42.5959	7.17405	1
cg02705909	0.149849	0.699392	-1.42981	0.00492867	0.422095	-2.36914	0.00203885	0.365317	-2.73735	0.224906	0.744384	-1.34339	5.14765	4.37247	0.755032	1
cg20256498	0.609867	1.07169	1.07169	0.00157506	1.84166	1.84166	0.451372	0.901919	-1.10875	0.566995	1.08096	1.08096	4.37477	1.25398	0.25479	1
cg18629615	0.0707004	0.727856	-1.3739	0.733987	0.947766	-1.05511	0.0120459	1.63637	1.63637	0.38632	0.869641	-1.1499	4.23244	1.65818	0.348248	1
cg11824179	0.141033	1.25865	1.25865	0.00558036	1.69707	1.69707	0.0384258	0.705723	-1.41699	0.117133	0.780885	-1.2806	4.16593	1.39307	0.297242	1
cg24694329	0.0690727	0.436092	-2.29309	0.00617266	0.232879	-4.29407	0.00759871	0.246457	-4.0575	0.125979	0.508917	-1.96496	4.06807	10.724	2.34324	1
cg24085885	0.0534455	0.285723	-3.49989	0.0059251	0.12803	-7.81069	0.0034716	0.103788	-9.63503	0.293844	0.536978	-1.86228	4.00127	20.6661	4.59102	1
cg12034943	0.973852	1.0147	1.0147	0.020989	0.29055	-3.44175	0.0316826	0.325927	-3.06817	0.813612	1.11085	1.11085	3.71788	11.6654	2.78901	1
cg11669998	0.0341735	0.209103	-4.78234	0.00969401	0.125929	-7.94097	0.00701585	0.110001	-9.09083	0.312421	0.516015	-1.93793	3.70426	23.52	5.64394	1
cg21290814	0.280975	0.429058	-2.33069	0.0158207	0.107289	-9.32065	0.343948	0.478958	-2.08787	0.0236014	0.12989	-7.69882	3.66941	33.1364	8.02706	1
cg00575683	0.403199	0.873736	-1.14451	0.0156917	0.626708	-1.59564	0.989442	0.997914	-1.00209	0.798422	0.960423	-1.04121	4.66879	1.84096	0.3505	1
cg08865423	0.644233	1.04205	1.04205	0.404959	1.0784	1.0784	0.388337	0.924675	-1.08146	0.00520799	1.38621	1.38621	4.66252	0.579377	0.110456	1
cg18821316	0.505974	0.928635	-1.07685	0.0324817	1.31604	1.31604	0.645035	1.05221	1.05221	0.852856	1.02058	1.02058	4.23178	0.806695	0.169447	1
cg22441770	0.0188431	0.423202	-2.36294	0.312094	0.72902	-1.3717	0.880669	1.04645	1.04645	0.104282	0.584649	-1.71043	3.79037	5.48397	1.28606	1
cg17830812	0.701748	1.09268	1.09268	0.0773407	1.57196	1.57196	0.768514	1.07035	1.07035	0.58889	1.13393	1.13393	4.93502	4.14723	0.746994	1
cg07199524	0.0938056	0.199394	-5.01519	?	?	?	0.932309	1.07718	1.07718	0.907285	0.903071	-1.10733	4.62807	49.8937	10.7807	1
cg04417954	0.165825	0.743227	-1.34548	0.834951	1.04278	1.04278	0.753697	1.06524	1.06524	0.207813	1.30563	1.30563	3.66232	2.3387	0.567631	1
cg11707084	0.248986	0.734657	-1.36118	0.00226111	0.335072	-2.98444	0.0673354	0.591789	-1.68979	0.00246255	0.340405	-2.93767	10.025	10.3972	0.921889	1
cg19762747	0.324221	1.2728	1.2728	0.0213329	0.519181	-1.92611	0.0460396	1.71892	1.71892	0.306132	1.28537	1.28537	7.01583	6.23763	0.790294	1
cg25686793	0.0651354	1.78253	1.78253	0.00285558	3.14529	3.14529	0.0642281	1.78688	1.78688	0.248859	1.39999	1.39999	3.98252	4.91491	1.097	1
cg21621114	0.0526932	1.41413	1.41413	0.478503	0.89283	-1.12003	0.0424858	1.44419	1.44419	0.423903	1.13711	1.13711	3.54041	1.38789	0.348458	1
cg20193872	2.25E-05	0.399115	-2.50555	1.26E-05	0.370083	-2.7021	9.87E-07	0.248568	-4.02304	5.04E-06	0.325066	-3.0763	98.7436	18.2921	0.164665	1
cg18121829	0.367396	0.573764	-1.74288	0.00681732	0.122078	-8.19146	0.305473	1.89014	1.89014	0.0422319	0.245632	-4.07112	4.54615	25.9193	5.06788	1
cg00442220	0.0225898	1.75723	1.75723	0.25961	0.784436	-1.2748	0.929956	1.01832	1.01832	0.14207	0.721902	-1.38523	3.94485	2.663	0.60005	1
cg10126874	0.0748409	0.37466	-2.66908	0.751894	0.856945	-1.16694	0.000107816	0.0257833	-38.7848	0.439118	1.46972	1.46972	9.21815	30.0706	2.85434	1
cg01618083	0.00542031	0.446135	-2.24147	?	?	?	0.0556131	0.619795	-1.61344	0.602088	0.890457	-1.12302	32.2156	22.0604	0.684773	1
cg07326765	0.921823	0.980624	-1.01976	0.516779	0.877199	-1.13999	0.279091	0.799072	-1.25145	0.00371724	2.18405	2.18405	11.5046	7.23902	0.559313	1
cg15812322	0.487994	1.10596	1.10596	0.142709	0.798355	-1.25258	0.00190491	0.533302	-1.87511	0.018141	1.50699	1.50699	11.1782	3.61722	0.28764	1
cg15616511	0.00212342	0.548472	-1.82325	0.0682411	0.752796	-1.32838	0.114896	1.26926	1.26926	0.328759	0.869194	-1.15049	7.97651	2.44361	0.272312	1
cg24354272	0.299481	0.711099	-1.40627	0.0512104	0.49462	-2.02175	0.000567226	0.183926	-5.43698	0.126895	0.592449	-1.68791	5.6697	9.02751	1.41532	1
cg15675740	0.0632518	2.06857	2.06857	0.169687	1.66357	1.66357	0.0169807	2.75361	2.75361	0.43147	1.32229	1.32229	4.80475	9.21279	1.70439	1
cg22234194	0.0834089	1.30132	1.30132	0.00574093	0.607972	-1.64481	0.0453465	0.72941	-1.37097	0.268448	1.17165	1.17165	4.44158	1.32875	0.265922	1
cg24754334	0.0228512	1.60389	1.60389	0.426611	1.15122	1.15122	0.193254	0.787545	-1.26977	0.00348498	0.502726	-1.98915	6.4045	3.0525	0.423661	1
cg12205591	0.057625	0.673532	-1.48471	0.00295546	2.11951	2.11951	0.0189704	1.687	1.687	0.00682733	0.524617	-1.90615	14.9483	8.02296	0.477078	1
cg05809947	0.79471	1.05323	1.05323	0.312126	0.812238	-1.23117	0.091091	0.690628	-1.44796	0.000185488	0.284912	-3.50986	12.5135	7.83963	0.556884	1
cg03539747	0.00282801	0.386927	-2.58447	0.0181456	0.515564	-1.93962	0.00908706	0.465121	-2.14998	0.00785458	0.45491	-2.19824	7.03376	5.94013	0.750681	1
cg19378039	0.541707	1.07487	1.07487	0.815171	0.973004	-1.02775	0.400864	0.904388	-1.10572	0.0084289	0.674897	-1.48171	6.87294	1.4868	0.192291	1
cg03253268	0.0234918	2.22049	2.22049	0.000630112	4.70652	4.70652	0.0121185	2.5142	2.5142	0.771025	1.08984	1.08984	4.97734	6.8511	1.22352	1
cg10196650	0.451455	0.837899	-1.19346	0.900296	0.971519	-1.02932	0.552026	0.870489	-1.14878	0.941699	0.98328	-1.017	4.30112	3.62004	0.748134	1
cg21549497	0.328279	1.16066	1.16066	0.0019419	1.91037	1.91037	0.768144	0.957289	-1.04462	0.399774	0.880494	-1.13573	4.09236	1.413	0.306913	1
cg04098685	0.283939	0.647687	-1.54396	0.0673971	0.449472	-2.22483	0.3512	1.45409	1.45409	0.185456	0.578176	-1.72958	3.71489	8.95754	2.14334	1
cg05274953	0.000849348	0.378973	-2.63871	0.19133	1.30694	1.30694	0.456031	0.863382	-1.15824	0.867349	1.03288	1.03288	5.59833	3.31974	0.527101	1
cg11694519	0.000422435	7.16002	7.16002	4.66E-06	40.4218	40.4218	0.00619843	0.284308	-3.51732	0.000712409	6.15032	6.15032	36.5123	71.8099	1.74821	1
cg15204861	0.00153067	2.28653	2.28653	6.63E-05	3.76692	3.76692	0.141654	0.750835	-1.33185	0.00159633	2.27352	2.27352	15.3752	8.00759	0.462944	1
cg01158277	0.0291578	2.49916	2.49916	9.11E-05	12.0822	12.0822	0.0328576	0.410904	-2.43366	0.0209375	2.69129	2.69129	11.6093	23.3446	1.78743	1
cg07476508	0.143482	1.69217	1.69217	0.00858864	3.06975	3.06975	0.101912	0.549317	-1.82044	0.0379511	2.2371	2.2371	10.176	18.0446	1.57622	1
cg08688043	0.212966	0.689665	-1.44998	0.148783	0.644905	-1.55062	0.749417	1.09502	1.09502	0.0201413	0.452041	-2.21219	11.0231	14.0089	1.12966	1
cg13138279	0.0180552	0.417361	-2.39601	0.102361	0.580508	-1.72263	0.729647	0.899831	-1.11132	0.629711	0.862604	-1.15928	5.51806	8.08908	1.30305	1
cg17054386	0.0241968	2.9586	2.9586	0.259707	0.622152	-1.60732	0.00896729	3.82481	3.82481	0.0806903	2.1856	2.1856	3.84526	9.92195	2.29361	1
cg12323503	0.979999	0.996681	-1.00333	0.0294958	1.40482	1.40482	0.010971	0.654923	-1.5269	0.0203752	1.44875	1.44875	4.10468	1.14305	0.247534	1
cg00618042	0.0438906	0.662419	-1.50962	0.0553818	0.67965	-1.47135	0.00766954	0.54368	-1.83932	0.745765	0.943788	-1.05956	3.55786	1.78199	0.445208	1
cg06727761	0.0207151	1.53734	1.53734	0.943773	1.01095	1.01095	0.93293	1.01308	1.01308	0.468009	0.892242	-1.12077	3.54168	1.33735	0.335648	1
cg01851928	0.0653509	1.20683	1.20683	1.10E-06	3.16662	3.16662	0.289246	1.10514	1.10514	0.488709	1.06601	1.06601	31.5767	4.13028	0.116268	1
cg17182184	0.173493	0.671501	-1.4892	0.213042	0.697242	-1.43422	0.00733445	0.386547	-2.58701	0.0726893	0.576585	-1.73435	5.49324	6.57905	1.06459	1
cg21531389	0.429963	0.730935	-1.36811	0.0704754	0.455431	-2.19572	0.105796	0.502913	-1.98841	0.783237	0.898269	-1.11325	4.19153	10.0477	2.13079	1
cg00152646	0.294529	0.651387	-1.53519	0.418943	1.38489	1.38489	0.993722	0.996903	-1.00311	0.860976	1.07156	1.07156	3.61877	8.90953	2.18847	1
cg05564117	0.0874915	0.650679	-1.53686	0.287527	0.777585	-1.28603	1.31E-05	0.124521	-8.03078	0.676394	0.908806	-1.10035	15.3737	12.6358	0.730587	1
cg09680055	0.0461545	0.437599	-2.2852	0.00197581	0.20573	-4.86075	0.000341638	0.124138	-8.05556	0.920825	1.03662	1.03662	9.56247	19.8162	1.84204	1
cg14962327	0.076865	0.486148	-2.05699	0.000856742	0.159503	-6.26948	0.0007635	0.154235	-6.48362	0.612006	0.829026	-1.20623	8.42749	17.9362	1.89182	1
cg12652953	0.0686841	0.482224	-2.07372	0.00190787	0.207256	-4.82495	0.000457907	0.138748	-7.20733	0.171775	0.594112	-1.68318	8.09903	16.433	1.80357	1
cg23035923	0.0949641	0.508246	-1.96755	0.0141093	0.327138	-3.05681	0.00127938	0.176897	-5.65299	0.400312	0.727929	-1.37376	5.6955	12.2716	1.91522	1
cg25497487	0.364836	0.579823	-1.72467	0.0121087	0.160277	-6.2392	0.00422272	0.106222	-9.41421	0.549482	0.701534	-1.42545	4.8713	26.4331	4.82338	1
cg26239816	0.0849056	0.274622	-3.64137	0.0131522	0.12424	-8.04891	0.00762277	0.0975671	-10.2494	0.618416	0.711329	-1.40582	4.36011	31.7733	6.47757	1
cg23803431	0.0518278	0.290634	-3.44076	0.0263499	0.229725	-4.35303	0.00709563	0.143341	-6.97636	0.454691	0.653602	-1.52998	3.87586	19.143	4.39024	1
cg19025573	0.280113	0.608531	-1.6433	0.0396251	0.348998	-2.86535	0.00878973	0.228513	-4.37613	0.648613	0.816306	-1.22503	3.76699	11.6767	2.75531	1
cg24240804	0.0177428	0.5692	-1.75685	0.000989167	0.384169	-2.60302	0.430235	0.854391	-1.17042	0.00770577	0.512142	-1.95259	14.7094	8.89936	0.53779	1
cg09502435	0.0122637	0.217137	-4.60539	0.00391579	0.149434	-6.69192	0.00188181	0.115613	-8.64953	0.675158	0.81356	-1.22917	10.852	41.1906	3.37394	1
cg21559677	0.234418	0.81039	-1.23397	0.0211124	1.59642	1.59642	0.322695	1.18804	1.18804	0.422211	1.1483	1.1483	9.08897	4.09551	0.400536	1
cg04038879	0.302437	0.782403	-1.27811	0.915288	1.02474	1.02474	0.169369	0.714418	-1.39974	0.270036	0.768113	-1.30189	5.43689	4.54342	0.742813	1
cg25221625	0.332784	0.755627	-1.32341	0.384635	0.778803	-1.28402	0.0105987	0.405971	-2.46323	0.239876	0.708116	-1.4122	4.23527	5.27617	1.10735	1
cg07068768	0.0904588	0.6065	-1.6488	0.652485	0.885583	-1.1292	0.606319	0.86993	-1.14952	0.519011	0.839257	-1.19153	6.15329	7.00241	1.01155	1
cg17527766	0.000315151	0.34415	-2.90571	2.04E-06	0.117843	-8.48589	1.06E-05	0.179197	-5.58046	1.01E-06	0.0958374	-10.4343	59.2578	31.3323	0.469996	1
cg07535903	0.0491514	1.30064	1.30064	0.00018859	0.478484	-2.08994	0.371939	0.898257	-1.11327	0.205045	0.855122	-1.16942	10.9678	2.37984	0.192874	1
cg12799739	0.619007	0.861368	-1.16094	0.00944963	0.375617	-2.66229	0.378447	0.764134	-1.30867	0.00476868	0.327759	-3.05102	8.30398	11.6555	1.24765	1
cg18279254	0.0185159	0.518994	-1.92681	0.000920281	0.320793	-3.11727	0.816732	0.948089	-1.05475	0.000728179	0.307383	-3.25327	8.11311	6.77555	0.742343	1
cg18604215	0.0393756	0.630676	-1.5856	0.794359	1.05182	1.05182	0.151271	0.74274	-1.34637	0.00091464	0.38346	-2.60783	7.98196	4.7286	0.526587	1
cg09348504	3.26E-05	0.406751	-2.45851	0.000356501	0.528022	-1.89386	0.82779	1.02457	1.02457	0.016134	0.720351	-1.38821	38.7552	7.62138	0.174804	1
cg11729430	0.869259	1.03324	1.03324	0.00135369	0.3744	-2.67094	0.955153	0.988901	-1.01122	0.0276366	0.588161	-1.70021	5.37376	3.28165	0.474973	1
cg20018812	0.0245073	0.485701	-2.05888	2.58E-05	0.105678	-9.46269	0.428634	0.804291	-1.24333	0.000940696	0.264517	-3.78048	14.4839	16.6642	1.0227	1
cg19855215	0.0328746	0.416517	-2.40087	0.00200228	0.216407	-4.62092	0.497167	0.785129	-1.27368	0.0475611	0.451467	-2.215	5.35134	10.4377	1.73376	1
cg13352515	0.59788	0.91955	-1.08749	0.378639	0.867337	-1.15295	0.359246	0.861969	-1.16014	0.0108865	0.604273	-1.65488	4.05974	1.59641	0.349539	1
cg17314180	0.0642595	0.295938	-3.37908	0.00345427	0.097761	-10.229	0.0553593	0.280304	-3.56755	0.0573852	0.283994	-3.5212	3.77464	20.5026	4.82815	1
cg05619712	0.00284162	0.282217	-3.54337	0.00108394	0.226442	-4.41614	0.573275	0.839255	-1.19153	0.0249588	0.439775	-2.27389	7.38027	11.0823	1.33476	1
cg03549660	0.135697	0.61679	-1.6213	0.000880373	0.223482	-4.47463	0.237432	1.45055	1.45055	0.149608	0.628586	-1.59087	5.12027	7.32367	1.2714	1
cg21735670	0.32845	0.715713	-1.39721	0.0573556	0.490228	-2.03987	0.787758	0.914406	-1.09361	0.516624	0.80408	-1.24366	4.36075	7.5943	1.54801	1
cg11463113	0.0460116	0.369693	-2.70495	0.000502032	0.0936837	-10.6742	0.000126325	0.054788	-18.2522	0.00649964	0.214541	-4.66111	11.5064	34.5096	2.66593	1
cg12073779	0.119747	0.62936	-1.58891	0.000304432	0.199949	-5.00127	0.00305865	0.32868	-3.04248	0.0357527	0.511573	-1.95476	8.4559	10.0772	1.05932	1
cg00018606	0.192099	0.727708	-1.37418	0.00474446	0.421734	-2.37116	0.000915875	0.319607	-3.12884	0.0334035	0.564263	-1.77222	6.37409	5.34983	0.746052	1
cg09453636	0.316774	0.584306	-1.71143	0.0145116	0.209404	-4.77546	0.0147216	0.210407	-4.7527	0.0563923	0.325748	-3.06986	4.99878	21.3408	3.79485	1
cg09159795	0.00293858	0.706408	-1.41561	3.10E-05	0.500739	-1.99705	0.012453	1.30292	1.30292	0.00856544	0.751737	-1.33025	41.8879	4.80328	0.101929	1
cg18560014	0.996073	0.999313	-1.00069	0.0189356	0.672503	-1.48698	0.0634894	0.747287	-1.33817	0.0189803	0.672643	-1.48667	12.9236	3.98911	0.274372	1
cg16044810	0.0204891	2.38648	2.38648	0.00564392	3.1005	3.1005	0.00205154	3.86976	3.86976	0.0153117	2.52805	2.52805	4.96662	7.63406	1.36629	1
cg03665494	0.113576	0.809702	-1.23502	0.00804966	1.51619	1.51619	0.0356783	0.741017	-1.3495	0.463799	1.09573	1.09573	4.58617	1.0918	0.211611	1
cg08403994	0.753254	0.933811	-1.07088	0.0303733	1.7379	1.7379	0.557095	1.13764	1.13764	0.8646	1.03776	1.03776	3.92696	2.93289	0.663875	1
cg18810691	0.183528	1.43488	1.43488	0.228937	1.38138	1.38138	0.469643	0.828417	-1.20712	0.0538575	0.571136	-1.7509	3.66868	3.80469	0.921843	1
cg24929514	0.431664	1.24091	1.24091	0.0177503	2.17141	2.17141	0.210211	1.42637	1.42637	0.730729	1.09737	1.09737	3.61586	4.14248	1.01835	1
cg02512352	0.000710661	4.28534	4.28534	0.386527	0.778418	-1.28466	0.460645	0.808994	-1.2361	0.256295	0.715782	-1.39707	5.11083	6.44579	1.12107	1
cg09730423	0.358165	0.796357	-1.25572	0.00087356	0.300274	-3.33029	0.125405	1.49136	1.49136	0.405255	1.22778	1.22778	20.8822	19.2066	0.817563	1
cg02402946	0.023545	0.522724	-1.91306	0.916771	1.02539	1.02539	0.589671	0.877572	-1.13951	0.0259223	0.530347	-1.88556	10.7139	9.76231	0.809936	1
cg11970797	0.765223	1.11327	1.11327	0.0013225	0.187571	-5.3313	0.999948	0.999977	-1.00002	0.0494682	0.447903	-2.23263	9.88576	20.0989	1.80722	1
cg07092805	0.0155525	0.59114	-1.69165	0.718081	0.937784	-1.06634	0.195399	1.27459	1.27459	0.000419134	0.371237	-2.6937	9.84886	4.89661	0.441933	1
cg25334903	0.303925	0.803565	-1.24445	0.00846388	0.501343	-1.99464	0.013807	0.535213	-1.86841	0.998722	0.999671	-1.00033	8.47191	5.66064	0.593925	1
cg02430645	0.0433672	2.16612	2.16612	0.00156772	4.53234	4.53234	0.00303271	3.86282	3.86282	0.151007	1.66853	1.66853	7.28772	12.7736	1.558	1
cg23831927	0.0179476	1.75115	1.75115	0.00027681	3.18833	3.18833	0.0629564	1.50311	1.50311	0.361743	1.20038	1.20038	6.35101	3.81753	0.534302	1
cg15741083	0.0181394	0.666444	-1.5005	0.000823769	0.490345	-2.03938	0.0675888	1.33591	1.33591	0.159207	1.23712	1.23712	6.04766	1.91597	0.281611	1
cg07223180	0.0137639	3.56377	3.56377	0.000600145	9.10805	9.10805	0.0109605	3.78938	3.78938	0.168082	1.84599	1.84599	5.78904	15.9661	2.45155	1
cg07974823	0.0172667	0.558933	-1.78912	0.617177	1.10636	1.10636	0.566715	0.890348	-1.12316	0.0368052	0.614811	-1.62652	5.72836	3.64936	0.566284	1
cg09274418	0.0265027	1.52339	1.52339	0.00316232	1.90669	1.90669	0.911007	1.01805	1.01805	0.529502	1.10732	1.10732	5.56576	2.25761	0.360555	1
cg19870370	0.110593	2.08142	2.08142	0.00266789	5.76183	5.76183	0.0302779	2.92676	2.92676	0.0974222	2.15299	2.15299	5.264	14.8206	2.50262	1
cg24572153	0.561181	1.09254	1.09254	0.0102511	1.62812	1.62812	0.529973	0.908615	-1.10058	0.476393	0.896668	-1.11524	5.17504	1.85957	0.319408	1
cg25432738	0.203962	1.79031	1.79031	0.000952275	8.49205	8.49205	0.766675	1.13799	1.13799	0.873914	1.07142	1.07142	5.00852	14.9681	2.65647	1
cg19159759	0.092342	2.02114	2.02114	0.00621691	3.87637	3.87637	0.00923156	3.50846	3.50846	0.0263737	2.71896	2.71896	4.9771	11.3728	2.03114	1
cg03244494	0.125956	0.537998	-1.85874	0.188322	1.68519	1.68519	0.0347123	2.51352	2.51352	0.226786	1.60818	1.60818	4.92158	10.9256	1.97327	1
cg16509445	0.0609609	1.21327	1.21327	0.00176291	1.50355	1.50355	0.54649	0.945669	-1.05745	0.306859	1.10168	1.10168	4.8841	0.648154	0.117962	1
cg16671238	0.00713162	0.514	-1.94552	0.569598	1.11635	1.11635	0.222332	1.27841	1.27841	0.382544	0.8424	-1.18709	4.37698	2.5425	0.516338	1
cg11345143	0.114593	1.86677	1.86677	0.00456652	3.95019	3.95019	0.124555	1.83103	1.83103	0.409802	1.35882	1.35882	3.55649	7.45261	1.86267	1
cg14616881	0.897947	1.0312	1.0312	0.435029	1.21012	1.21012	0.0922923	0.641669	-1.55844	0.700878	1.09683	1.09683	3.55614	3.22946	0.807231	1
cg23485627	0.884288	1.02372	1.02372	0.00388971	1.86957	1.86957	0.250164	0.82414	-1.21339	0.762127	0.952313	-1.05007	3.45818	1.41881	0.364689	1
cg00800759	0.000877569	0.467313	-2.13989	0.000194551	0.384419	-2.60133	2.60E-05	0.28073	-3.56214	0.242264	0.829749	-1.20518	15.7017	5.78317	0.327391	1
cg16596604	0.637222	0.830709	-1.20379	?	?	?	0.861472	0.934075	-1.07058	0.833399	0.921047	-1.08572	6.97464	14.9697	2.1463	1
cg03038520	0.0196902	0.459237	-2.17753	0.390762	1.27495	1.27495	0.0162403	0.443986	-2.25232	0.229507	0.705894	-1.41664	6.7898	8.20499	1.07416	1
cg26612217	0.0273536	1.44157	1.44157	0.000988256	0.503663	-1.98546	0.000224069	0.423037	-2.36386	0.3472	0.873184	-1.14523	14.1943	4.41249	0.276322	1
cg03114558	0.584135	0.695839	-1.43711	?	?	?	?	?	?	0.577903	1.44598	1.44598	9.88068	52.3868	6.05937	1
cg03974347	0.150855	0.714947	-1.39871	0.0042106	0.433732	-2.30557	0.643131	1.10704	1.10704	0.319077	1.2516	1.2516	4.55292	3.42533	0.668744	1
cg08345372	0.0123221	1.64004	1.64004	0.0137712	0.616709	-1.62151	0.568212	0.912504	-1.09589	0.990361	1.00192	1.00192	3.73913	1.49222	0.354739	1
cg01259782	0.585566	1.16462	1.16462	0.000440282	0.215141	-4.64811	0.285764	0.735761	-1.35914	0.413566	0.793458	-1.26031	6.38281	7.74421	1.07848	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(21T vs. N)	Fold-Change(1 vs.21T)	p-value(347T vs. N)	p-value(347T vs. 347)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(353T vs. 537)	Fold-Change(1 vs.537)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(563T vs. N)	Fold-Change(1 vs.563T)	F(Test)	SS(Test)	SS(Error)	F(Error
cg04420987	CRYM;NCRNA00169	0.0151943	0.0003024488	0.32212	-3.0444	0.626137	1.09932	1.09932	0.8744431	1.03097	1.03097	0.9875579	1.003031	1.005301	0.3944337	1.00137	1.002137	0.21946	1.2828	1.2828	0.1902378	0.766355	-1.30488	0.2032054	1.29666	1.29666	0.9183003	0.980407	-1.01998	5.15868	3.03902	0.5236521	1
cg22152192	CRYM;NCRNA00169	0.0192328	0.158195	0.537566	-1.86024	0.2620157	0.337239	-2.96526	0.950986	0.4160692	-2.40345	0.398281	1.42735	1.42735	0.0157244	0.29586	-1.37998	0.182628	0.55884	-1.78942	0.000979301	0.133046	-7.51617	0.19287	0.5672332	-1.762795	0.153569	-1.80646	4.76738	12.7811	2.38306	1
cg24580724	CRYZ;CRYZ;CRYZ;CRYZ CRYZ;CRYZ;TWX1;CRYZ;TYW3;CRYZ;TY	0.00717175	0.0241097	0.285112	-3.50739	0.2234836	0.282922	-3.53455	0.0237586	0.283889	-3.5225	0.804373	1.12276	1.12276	0.000471835	0.0770874	-12.9723	0.0177942	0.260714	-3.83561	0.00646864	0.191706	-5.21632	0.686408	0.827484	-1.20848	0.0612557	0.373835	-2.67498	6.56527	22.6339	3.06446	1
cg09142399	W3	0.0364831	0.0163961	0.219781	-4.54998	0.0148449	0.212695	-4.70157	0.1422	0.4426664	-2.25905	0.6772267	0.347498	-2.87771	0.00657513	0.162391	-6.15798	0.0367232	0.285158	-3.5024	0.144667	0.445213	-2.24612	0.04105905	0.295936	-3.37911	0.0777611	0.363318	2.95384	3.80933	16.095	3.7557	1
cg22186917	CRYZL1	0.000727504	0.152508	0.748017	-1.33687	0.000517255	0.938387	-2.79028	0.0427376	0.642815	-1.55566	0.0103531	0.542353	-1.84362	3.48E-05	0.2195968	-4.5544	0.0111296	0.547209	-1.82746	0.0514791	0.657043	-1.52197	0.267414	1.24468	1.24468	0.00340267	0.470378	-2.12595	12.8711	7.3162	0.505285	1
cg25574406	CRYZL1	0.00376687	0.83338	0.975824	-1.02478	0.457988	0.915058	-1.09283	0.746286	1.03848	1.03848	0.000222825	2.84281	2.84281	0.0837702	1.26861	1.26861	0.00096766	2.1468	2.1468	0.0198938	1.45082	1.45082	0.334165	1.12523	1.12523	0.0693979	1.28977	1.28977	15.5963	3.05182	0.10878	1
cg22316643	CRYZL1	0.0130708	0.158912	0.805712	-1.34214	0.775371	1.0419	1.0419	0.10244	1.773628	-1.23238	0.212189	0.828168	-1.20748	0.000394563	0.449851	-2.24744	0.0489859	0.724336	-1.38057	0.2312849	1.19661	1.19661	0.616148	0.930048	-1.07521	0.0352892	0.703465	-1.42154	5.42052	1.76219	0.289794	1
cg26734650	CS	0.000156424	0.00124867	0.122585	-8.15759	0.318768	1.58204	1.58204	0.897813	1.05887	1.05887	0.678731	1.07155	1.07155	2.95E-05	0.0261529	-38.2366	0.665054	0.823725	-1.214	2.33E-05	0.0231752	-43.1496	0.150958	1.5842	1.5842	0.179133	1.88761	1.88761	19.6337	61.6261	2.79004	1
cg24498746	CS	0.00705561	0.0732883	0.654848	-1.52707	0.182417	0.740853	-1.3498	0.00463	0.449986	-2.22229	0.00649833	0.472462	-2.11657	0.000395275	0.302383	-3.30706	0.046306	0.616396	-1.62233	0.0176431	0.542314	-1.84395	0.259124	0.77915	-1.28345	0.0381899	0.600951	-1.66403	6.59881	4.69574	0.633537	1
cg26916756	CS	0.00965156	0.3159403	1.13667	1.13667	1.13667	0.681967	-1.46691	7	?	?	?	?	?	?	?	?	0.0349948	1.15752	1.15752	0.1845824	1.29471	1.29471	0.0945805	0.730712	-1.35738	0.0554804	0.913011	1.31001	6.09804	1.32881	0.217908	1
cg06574813	CS	0.0116927	0.00804192	1.50128	1.50128	0.576907	1.09078	1.09078	0.0136863	1.44032	1.44032	0.3139234	1.08190025	0.559034	1.69E-05	1.1045	1.1045	0.736234	1.04129	1.04129	0.08190025	0.590374	-1.69384	0.770066	0.965534	-1.0357	0.264514	1.14932	1.14932	5.62056	1.27478	0.201606	1
cg24028228	CS	0.025369	0.018242	0.2853661	-3.50802	0.089987	0.441408	-2.26702	0.274861	0.608005	-1.64472	0.0413022	0.356696	-2.80151	0.337308	0.648397	-1.54227	0.0401818	0.35617	-2.80759	0.00717546	0.140833	-7.10063	0.02159392	0.298962	-3.34825	0.05519947	0.389364	-2.56992	4.33506	13.1939	2.70944	1
cg05739419	CSAD	0.0129598	0.0378815	1.35021	1.35021	0.0918262	0.675695	-1.47996	0.159992	0.829245	-1.20592	0.303827	1.14205	1.14205	0.115693	0.807937	-1.23772	0.142604	1.2172	1.2172	0.00419182	1.61348	1.61348	0.37482	0.892608	-1.12031	0.20749	0.847236	-1.18031	5.49008	3.35254	0.218987	1
cg19243130	CSAD	0.0247367	0.000802406	0.229158	-3.34272	0.740075	1.08265	1.08265	0.588758	0.877304	-1.13986	0.172689	0.707413	-1.4136	0.677358	0.905019	-1.10495	0.167043	0.612918	-1.63156	0.0226065	0.521436	-1.91778	0.961914	0.988675	-1.01145	0.0655512	0.61082	4.37353	3.94031	0.800883	1
cg05188593	CSAD;ZNF740	0.0214456	0.222221	0.490838	-1.3151	0.343041	-1.06006	0.634054	1.10765	1.10765	1.10765	1.10765	1.10765	1.10765	1.10765	1.10765	1.10765	0.58505	0.88644	-1.1348	0.000291555	0.260795	-3.76224	0.330303	0.795322	-1.25795	0.918741	1.02316	1.02316	1.24272	4.1805	0.700583	1
cg05101765	CSAG1;MAGEA12;CSAG1;MAGEA12;M AGEA12	0.00346664	0.853125	0.969071	-1.03192	0.000130137	0.324142	-3.08507	0.00054572	0.402246	-2.48604	0.171633	0.781372	-1.2798	0.000214093	0.35065	-2.85185	0.0735589	1.40241	1.40241	0.004508826	1.89979	1.89979	0.943271	1.01214	1.01214	0.638276	0.922866	-1.08358	15.8108	7.19632	0.40458	1
cg02504280	CSAG1;MAGEA12;MAGEA12;CSAG1;M AGEA12	0.000112215	0.195828	0.811364	-1.23249	0.2299656	0.676915	-1.47729	7.12E-05	0.330708	-3.02382	0.00738135	0.590052	-1.69477	3.80E-06	0.192406	-5.19733	0.00119036	0.48379	-2.06701	0.000677197	0.452048	-2.21216	0.262002	0.83633	-1.1957	0.00662664	0.583597	-1.71351	21.4678	7.93966	0.328747	1
cg11236244	AGEA12	0.00921596	0.830605	1.05477	1.05477	0.235182	1.36298	1.36298	0.0248993	0.514583	-1.94332	0.0398487	0.553568	-1.80646	0.000529232	0.260962	-3.83198	0.179677	1.42575	1.42575	0.5624221	0.86436	-1.15693	0.133511	1.49603	1.49603	0.4236609	0.815965	-1.22554	0.06651	5.95195	0.872103	1
cg18636739	CSDA;CSDA	0.000494989	0.0035021	0.1555	0.1555	0.0188012	0.70121	1.43611	0.0038953	1.96154	0.00512656	1.83132	0.0012652	2.33411	0.000795940	3.016782	3.15675	0.839429	0.950007	-1.24275	0.5623241	1.09375	1.09375	0.880564	0.973502	-1.02665	0.9806155	1.002325	-1.3077	13.3541	10.889	0.724864	1
cg06552050	CSDA;CSDA	0.00327598	0.0146943	0.750139	-1.33309	0.00101227	1.59491	1.59491	0.107253	1.18328	1.18328	0.0981573	1.84059	-1.18964	0.991301	1.00104	1.00104	0.447965	0.928645	-1.07684	0.0107706	0.735886	-1.35891	0.0117944	0.740048	-1.35126	0.0258271	0.776211	-1.28831	8.33694	1.20988	0.128999	1
cg13253637	CSDA;CSDA	0.00671451	0.461729	0.850794	-1.17537	0.4326	1.18852	1.18852	0.892096	0.971154	-1.0297	0.543506	1.14181	1.14181	0.0426161	0.407075	-2.45655	0.00245538	0.403078	-2.48091	0.2963315	1.26306	1.26306	0.0315198	0.759956	-2.65989	0.394208	0.828444	-1.20708	6.70145	4.93634	0.654763	1
cg08876622	CSDA;CSDA	0.0133786	0.5503093	1.09337	1.09337	0.111165	1.29218	1.29218	0.0882724	1.32025	1.32025	0.00371824	1.560528	-1.78403	0.064747	1.40053	1.40053	0.0112805	0.625756	-1.5987	0.994642	0.999009	-1.00099	0.418927	0.885153	-1.12975	0.116326	1.28669	1.28669	5.40599	1.86806	0.307159	1
cg17544691	CSDA;CSDA	0.0189434	0.0154874	0.471773	-2.11966	0.2230796	1.98841	1.98841	0.0540447	1.73877	1.73877	0.0146383	0.467489	-2.13909	0.420725	0.812138	-1.23132	0.507785	1.18527	1.18527	0.0942847	0.627936	-1.59252	0.674256	0.898581	-1.11287	0.183405	1.42913	1.42913	4.79189	4.85658	0.90089	1
cg18836329	CSDA;CSDA;CSDA;CSDA	0.00270988	0.978273	1.0062	1.0062	0.251639	1.34239	1.34239	0.0155284	1.16	1.16	0.695561	1.014021	-1.05937	0.488704	1.17311	1.17311	0.966826	1.00954	1.00954	0.4820139	1.07185	-1.67587	0.0504211	0.87434	1.06406	0.324666	1.2597	1.2597	3.75496	7.13478	0.727535	1
cg05406791	CSDA;CSDA;CSDA;CSDA	0.0128798	0.62302	1.1249	1.12409	0.185302	1.39322	1.39322	0.974273	0.992416	-1.00764	0.627405	0.890943	-1.12241	0.704061	0.922652	-1.08383	0.0003375	2.55594	2.55594	-3.91245	0.282989	1.30129	1.30129	0.135736	1.46492	0.464924	2.210418	1.36556	1.45912	4.8188	0.784629	1
cg02531193	CSDAP1	1.36E-05	1.31E-05	0.247998	-4.0323	2.50E-06	0.175902	-5.68498	0.00200125	0.514182	-1.94484	0.00634654	0.58167	-1.71919	1.85E-05	0.264408	-3.78204	0.000120781	0.359029	-2.78529	1.34E-05	0.249043	-4.01537	0.0458761	0.705398	-1.41764	0.00013939	0.366613	-2.72767	37.4853	13.8065	0.327394	1
cg04764012	CSDAP1	0.000196558	0.4754371	1.0062	1.0062	0.251639	1.34239	1.34239	0.0155284	1.16	1.16	0.695561	1.014021	-1.05937	0.488704	1.17311	1.17311	0.966826	1.00954	1.00954	0.4820139	1.07185	-1.67587	0.0504211	0.87434	1.06406	0.324666	1.2597	1.2597	3.75496	7.13478	0.727535	1
cg16446484	CSDAP1	0.000574021	0.0406627	0.391298	-2.5556	0.000159617	0.771943	-12.9543	0.0489284	0.227522	-4.39508	0.67038	0.813882	-1.22868	0.000146818	0.0751664	-13.3038	0.000228859	0.0880291	-11.3599	0.0120796	0.288719	-3.46358	0.0438417	0.398654	-2.50844	0.0025783	0.190421	-5.25152	13.7525	34.1243	2.21854	1
cg16778451	CSDAP1	0.00101199	0.0019228	0.2353	0.2353	0.0188012	0.62651	1.59664	0.0038953	1.96154	0.00512656	1.83132	0.0012652	2.33411	0.000795940	3.016782	3.15675	0.839429	0.950007	-1.24275	0.5624221	1.09375	1.09375	0.880564	0.973502	-1.02665	0.9806155	1.002325	-1.3077	13.3541	10.889	0.724864	1
cg16635314	CSDAP1	0.00215521	0.566544	1.23512	1.23512	0.0141413	3.01515	3.01515	0.0761882	2.05266	2.05266	0.00397315	0.243753	-4.10251	0.0746737	0.484952	-2.06206	0.447965	0.928645	-1.07684	0.0107706	0.735886	-1.35891	0.0117944	0.740048	-1.35126	0.0258271	0.776211	-1.28831	8.33694	1.20988	0.128999	1
cg16412609	CSDAP1	0.00412571	0.000839717	0.65535	0.65535	0.6695478	2.07017	2.07017	0.00382404	0.40694	-2.46059	0.173345	1.68098	1.68098	0.0319586	2.429631	2.42963	0.079205	2.01205	2.01205	0.0592277	2.14591	2.14591	0.0312337	5.44057	5.44057	0.00181468	4.90166	4.90166	7.77653	15.8355	1.80937	1
cg10220207	CSDAP1	0.00368319	0.0780833	1.19164	1.19164	0.4703	1.47084	1.47084	0.322868	1.04319	-1.03045	0.838939	1.464489	-1.24567	0.0221359	2.1468	2.1468	0.0022135	2.99277	2.99277	0.0013727	3.47035	3.47035	0.0008204	5.99155	5.99155	0.0001525	6.74248	6.74248	24.3743	3.22655	1.38097	1
cg11706835	CSDAP1	0.0113436	0.0937924	0.567683	-1.76155	0.977452	1.00872	1.00872	0.705209	1.12387	1.12387	0.817964	0.916613	-1.07341	0.238138	0.684095	-1.46179	0.168524	0.637098	-1.56962	0.0469223	0.497151	-2.01146	0.00222038	3.73189	3.73189	0.8208896	1.072116	1.072116	4.023557	6.016606	1.32907	1
cg26936764	CSDE1;CSDE1;CSDE1	0.00408302	1.329057	1.15833	1.15833	0.0188012	0.62651	1.59664	0.0038953	1.96154	0.00512656	1.83132	0.0012652	2.33411	0.000795940	3.016782	3.15675	0.839429	0.950007	-1.24275	0.5624221	1.09375	1.09375	0.880564	0.973502	-1.02665	0.9806155	1.002325	-1.3077	13.3541	10.889	0.724864	1
cg08657020	CSDE1;CSDE1;CSDE1	0.00156988	0.00461871	0.63108	-1.58458	0.0388316	0.566542	-1.50253	0.178149	1.19094	1.19094	0.000128965	0.443652	-2.25402	0.378921	0.73878	-1.35378	0.00324878	0.612497	-1.63266	0.207976	0.850314	-1.17604	0.193221	1.18313	1.18313	0.803342	0.969085	-1.03094	10.343	2.4436	0.210006	1
cg08166982	CSDE1;CSDE1;CSDE1	0.00329671	0.00144177	0.574013	-1.74212	0.104526	1.23763	1.23763	0.00207434	1.68361	1.68361	0.0167143	0.703992	-1.42047	0.524389	1.0806	1.0806	0.0838522	0.796445	-1.25642	0.459654	0.913513	-1.09468	0.104175	1.23794	1.23794	0.0824452	1.26003	1.26003	8.32126	1.90263	0.203241	1
cg22382197	CSDE1;CSDE1;CSDE1	0.00854635	0.0476012	0.6299	-1.58729	0.0388316	0.566542	-1.50253	0.178149	1.19094	1.19094	0.000128965	0.443652	-2.25402	0.378921	0.73878	-1.35378	0.0115631	0.199438	-5.01408	0.0054268	0.142314	-7.91068	0.161851	0.550249	-1.81736	0.0352356	0.285875	-3.49803	6.72472	2.85819	0.306486	1
cg22360146	CSDE1;CSDE1;CSDE1	0.0267378	0.128122	0.373243	-2.67922	0.0404089	0.090031	-10.1007	0.00955343	0.139951	-7.14535	0.851391	1.11893	1.03141	0.324141	0.22736	-4.39832	0.503618	0.665871	-1.50179	0.0125666	0.167822	-5.95878	0.97425	0.980847	-1.01953	0.745516	1.21546	1.21546	4.2562	24.1992	5.05389	1
cg24141198	CSDE1;CSDE1;MAS;CSDE1	0.00243598	0.00237906	0.4256	-2.35006	0.0388316	0.566542	-1.50253	0.178149	1.19094	1.19094	0.000128965	0.443652	-2.25402	0.378921	0.73878	-1.35378	0.0043219	0.353	-2.83304	0.0038041	0.127342	-7.88453	0.0203581	0.893366	-1.11948	0.0308583	0.505605	-1.97844	5.73379	2.63475	0.459852	1
cg20678377	CSE1L	4.64E-05	0.000376129	0.54811	-1.82445	0.000453728	1.79399	1.79399	0.763885	0.96864	-1.03238	0.025001	0.754228	-1.32586	0.405244	0.913872	-1.09424	0.000310525	0.538584	-1.85672	0.000429074	0.556646	-1.80295	4.95E-05	2.23886	2.23886	0.00150255	0.616415	-1.62228	27.1491	4.8099	0.157481	1
cg20348162	CSE1L	0.00160866	0.026928994	0.440201	-2.27225	0.000383608	3.48211	3.48211	0.0843315	1.45738	1.45738	0.607699	0.902907	-1.10787	0.0102915	0.609285	-1.64127	0.173517	1.3306	1.3306	0.1550844	1.16587	1.16587	0.0182055	1.02915	0.101534	0.702147	-1.4242	10.2742	6.51994	0.547731	1
cg03212862	CSE1L	0.00207693	9.54E-05	0.161532	-6.19071	0.7390838	1.08281	1.08281	0.328446	0.949216	-1.34605	0.758141	1.07626	1.07626	0.429207	0.923317	-1.12312	0.0022137	0.340313	-2.93848	0.374941	0.804467	-1.24356	0.0062504	0.592013	-1.68915	0.0343663	1.82486	1.82486	13.3582	9.96176	0.682151	1
cg27424675	CSE1L	0.00517946	0.808438	1.02412	1.02412	0.00103689	1.6108	1.6108	0.00501929	1.43946	1.43946	0.855526	1.01805	1.01805	0.0113066	1.3652	1.3652	0.0613746	1.22978	1.22978	0.847205	1.01911	1.01911	0.0273321	0.773967	-1.29204	0.153352	0.860678	-1.16187	7.25994	1.10728	0.135573	1
cg03577601	CSE1L	0.00654687	0.973281	0.99455	-1.00549	0.238874	1.15189	1.15189	0.557861	1.21722	1.21722	0.723202	0.960053	-1.04178	0.0888728	1.16313	1.16313	0.704975	1.04457	1.04457	0.29225	1.13345	1.13345	0.369629	0.876534	-1.14086	0.0515229	1.28927	1.28927	6.54258	1.40574	0.185	1
cg16850077	CSE1L	0.0452346	0.293251	0.880645	-1.13553	0.230411	1.15798	1.15798	0.233625	0.864526	-1.1567	0.0599426	0.780811	-1.28072	0.00284419	1.61427	1.61427	0.441588	1.09579	1.09579	0.528683	0.928292	-1.07725	0.956413	1.00639	1.00639	0.78295	0.968321	-1.03272	5.31867	0.757341	0.19132	1
cg07535969	CSF1;CSF1;CSF1	0.0212211	0.0322315	0.42325	-2.36207	0.0655137	0.960207	-1.04164	0.222613	0.647785	-1.54372	0.383602	0.736178	-1.35837	0.0134602	0.350317	-2.85456	0.0016857	0.293859	-3.40399	0.0223707	0.396258	-2.52361	0.174985	1.63973	1.63973	0.0172303	0.369794	-2.70421	4.617951	8.59563	1.65453	1
cg25309767	CSF1;CSF1;CSF1	0.00647431	0.493432	1.1592	1.1592	0.1940405	0.746851	-1.33896	0.179224	1.35399	1.35399	0.00177475	2.57362	2.57362	0.00144574	3.076115	2.65876	0.700167	1.08567	1.08567	0.8990446	1.02682	1.02682	0.958925	0.98912	1.011	0.8342227	0.591674	-1.69012	6.7777	4.84318	0.635178	1
cg07568430	CSF1;CSF1;CSF1;CSF1	0.0150639	0.0116063	0.221075	-4.52336	0.276497	0.58192	-1.71845	0.177745	0.504054	-1.98391	0.117118	0.442991	-2.25738	0.0133806	0.231047	-4.32813	0.0342148	0.306708	-3.26043	0.00785612	0.195636	-5.11153	0.0313381	0.298904	-3.34555	0.0749506	0.387269	-2.58218	8.86458	14.0038	3.22099	1
cg25730577	CSF1;CSF1;CSF1;CSF1	0.0478472	0.5806862	1.07041	1.07041	0.491316	0.948772	-1.05115	0.0858207	0.737334	-1.01164	0.632341	0.708015	-1.4124	0.49521	0.960564	-1.04106	0.0039153	2.0620976	2.0620976	-1.6337	0.3208596	-4.9772	0.0798842	1.34616	1.34616	0.0448476	0.948935	-1.05381	5.40434	2.63743	0.22396	1
cg00982400	CSF1R	5.77E-05	0.144773	0.722148	-1.38476	0.000138797	0.2545	-3.92927	0.927553	1.01908	1.01908	0.00229821	0.412459	-2.42448	1.08E-06	0.0711449	-14.0558	0.0256467	0.575862	-1.73653	0.00429727	0.452187	-2.21147	0.245756	1.287	1.287	0.230956	0.770148	-1.29845	25.6334	17.5374	0.608144	1
cg23505299	CSF1R	0.00014256	0.000593724	0.223737	-4.46954	0.000216731	0.182886	-5.46792	3.53E-05	0.110978	-9.01077	0.000464399	0.22278	-4.48873	0.0238626	0.474027	-2.10972	0.0054295	0.365152	-2.73859	4.09E-05	0.115981	-8.62207	0.773876	0.923753	-1.08254	0.000709034	0.243454	-4.11815	0.80774	25.063	1.6071	1
cg17056132	CSF1R	0.00209805	0.0936929	0.781976	-1.27881	0.000124245	0.409623	-2.44127	0.00372968	0.593003	-1.68633	0.0200375	0.687717	-1.45409	0.0103693	0.07096	14.0756	0.011443	0.655617	-1.52528	0.154738	1.22347	1.22347	0.00971222	0.646343	-1.54717	0.0911103	0.780144	-1.28181	9.50824	2.68031	0.250572	1
cg21922577	CSF1R	0.0129637	0.618926	0.862982	-1.15877	0.138939	0.626186	-1.59697	0.377081	0.76615	-1.30523	0.00459108	0.329929	-3.03096	0.00209191	0.280157	-3.56943	0.00892089	0.376144	-2.65856	0.0197119	0.437026	-2.2882	0.0114782	0.394776	-2.53308	0.111828	0.601153	-1.66347	5.43511	7.43511	1.21598	1
cg17809170	CSF1R	0.00211865	0.00815925	0.381467	-2.62099	0.0146436	0.14852	-6.73292	0.00207047	0.312293	-3.20214	0.70469	0.960203	-1.04178	0.0888728	0.16313	6.13101	0.569658	0.849128	-1.17768	0.0987401	0.38668	-2.58611	0.0854901	0.258564	-3.86791	0.0215287	0.159004	-6.28888	5.19135	1.14043	1
cg07260017	CSF1R	0.0361037	0.0261696	0.366619	-2.72763	0.180979	0.52443	-1.90683	0.069579	0.462107	-2.164	0.0765994	0.47277	-2.1152	0.338356	0.68703	-1.45554	0.526088	0.783222	-1.27678	0.0144767	0.173673	-5.75796	0.291203	0.659298	-1.51676	0.0418407	0.409764	-2.44043	3.82384	8.76092	2.03656	1
cg16402211	CSF1R	0.0169694	0.0175356	0.3956	-2.52797	0.0744801	0.16683	-5.99455	0.00207047	0.312293	-3.20214	0.70469	0.960203	-1.04178	0.0888728	0.16313	6.13101	0.569658	0.849128	-1.17768	0.0987401	0.38668	-2.58611	0.0854901	0.258564	-3.86791	0.0215287	0.159004	-6.28888	5.19135	1.14043	1
cg17566874	CSF2	0.00065743	0.00406663	0.526356	-1.89986	0.193312	0.795276	-1.25742	0.00801056	0.568115	-1.76022	0.00976105	1.72255	1.72255	0.000390651	0.390383	-2.56159	0.0259706	0.64416	-1.55241	0.972719	0.994326	-1.00571	0.00158196	1.22721	1.22721	0.00926833	0.577266	-1.7323	13.2454	5.80885	0.389829	1
cg14675871	CSF2	0.0124057	0.008163121	0.257462	-3.88407	0.0231155	0.368368	-2.97011	0.00106548	0.149301	-6.94911	0.101233	0.487108	-2.05293	0.0175303	0.313912	-3.18561	0.0248816	0.342986	-2.91557	0.0437892	0.395225	-2.5302	0.1468579	0.535805	-1.86635	0.0200508	0.324005	-3.08677	5.35225	2.53812	0.187244	1
cg20704330	CSF2	0.0141238	0.8810322	1.03966	1.03966	0.3125	0.74855	-1.48555	0.0858207	0.737334	-1.01164	0.632341	0.708015	-1.4124	0.49521	0.960564	-1.04106	0.0039153	2.0620976	2.0620976	-1.6337	0.3208596	-4.9772	0.0798842	1.34616	1.34616	0.0448476	0.948935	-1.05381	5.40434	2.63743	0.22396	1
cg26369418	CSF2	0.0193863	0.353117	0.668795	-1.49523	0.0233425	0.319502	-3.12987	0.00554861	0.215633	-4.63752	0.567831	0.784191	-1.2752	0.245057	0.599321	-1.66856	0.2959883	1.57818	1.57818	0.00294578	0.179235	-5.57928	0.21697	1.72797	1.72797	0.308459	0.641578	-1.55866	4.75457	13.3480	2.49564	1
cg08342925	CSF2	0.0107586	0.018059232	0.3178	-3.14695	0.0360258	0.368368	-2.72585	0.00801056	0.568115	-1.76022	0.00976105	1.72255	1.72255	0.000390651	0.390383	-2.56159	0.0259706	0.64416	-1.55241	0.972719	0.994326	-1.00571	0.00158196	1.22721	1.22721	0.00926833	0.577266	-1.7323	13.2454	5.80885	0.389829	1
cg13250290	CSF2	0.0478034	0.0436434	0.403269	-2.47973	0.0103989	0.282711	-3.53718	0.00427259	0.52388	-1.44667	0.569961	0.759864	-1.31625	0.0266151	0.429615	-2.32766	0.197183	0.586381	-1.70

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Ratio(105T vs. 047 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 127 vs. N)	p-value(1477 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg13639522	CSK;CSK	0.00440653	0.5718	1.20833	1.20833	1.002620947	0.116887	-7.30528	0.411852	0.7557363	-1.32037	0.2123166	0.647196	-1.56501	0.03739078	0.318822	-1.13655	0.522326	1.23957	1.23957	0.00656408	0.310569	-1.21989	0.163199	0.6092	-1.6415	0.00727431	0.317708	-1.14755	7.6261	13.2494	1.54434	1
cg11116510	CSK;CSK	0.00693627	0.783171	0.948114	-1.05473	0.0324784	0.61662	-1.62175	0.957154	1.01043	1.010043	0.533708	1.12947	1.129447	0.579463	1.11418	1.11418	0.113769	1.39423	1.39423	0.000141307	3.55526	3.55526	0.997021	1.00072	1.00072	0.8055766	1.04878	1.6434	3.91969	0.525199	1
cg05984096	CSK;CSK	0.0103211	0.395925	0.682682	-1.46481	0.575134	0.77985	-1.2823	0.709214	0.8483337	-1.17878	0.801875	0.895481	-1.11672	0.0159534	0.273715	-3.65343	0.438459	1.41482	1.41482	0.000206364	0.0652844	-15.3176	0.892883	0.942559	-1.06094	0.07101119	0.41247	-2.42442	5.85109	17.8658	2.71414	1
cg19726959	CSK;CSK	0.0113597	0.774821	0.927814	-1.07777	0.000795977	0.26639	-3.75258	0.000907671	0.420798	-2.37677	0.556378	0.856118	-1.16806	0.369675	0.786103	-1.27196	0.0095442	1.42472	-2.35824	0.468226	1.21253	1.21253	0.487162	0.831658	-1.20242	0.0185476	0.4745	-2.10768	5.67331	6.12611	0.959833	1
cg27211576	CSK;CSK	0.0232495	0.155627	0.647056	-1.48356	0.00513832	0.383063	-2.61054	0.0267668	0.505987	-1.97634	0.027599	0.508501	-1.96657	0.0166496	0.468119	-2.13621	0.008435	0.417564	-2.39485	0.88158	1.03946	1.03946	0.792866	1.07071	1.07071	0.2381675	0.725592	-1.37819	4.6827	4.76981	0.94889	1
cg24495257	CSK;CSK;CSK;CSK	0.0374393	0.167304	1.31507	1.31507	0.116918	0.728391	-1.37289	0.00301071	2.113444	2.113444	0.427411	1.86005	-1.16272	0.922533	0.982061	-1.01827	0.0265194	1.63121	1.63121	0.654083	0.919504	-1.08754	0.605179	0.907527	-1.1019	0.4244771	1.16389	1.16389	1.73758	2.06902	0.48737	1
cg22016513	CSMD1	5.14E-08	0.189635	0.827563	-1.20837	9.46E-09	0.041653	-24.0079	0.287237	0.860248	-1.16246	0.0044607	0.596485	-1.67649	0.0535554	0.741802	-1.34807	1.20E-07	0.100194	-9.98062	0.00982246	1.55993	1.55993	0.007937442	1.59	1.59	9.18E-09	0.0411554	-24.2981	155.677	45.7579	0.26127	1
cg19449211	CSMD1	4.38E-05	0.245144	1.10255	1.10255	0.00398622	1.65955	1.65955	0.00186226	0.659731	-1.43018	0.616638	1.04179	1.041794	5.40E-06	0.434147	-2.30337	0.0023161	1.41182	1.41182	0.0019598	1.4577	1.4577	0.576275	1.04676	1.04676	0.0019598	1.4577	1.4577	0.576275	1.04676	1.04676	27.5631	2.86733	0.0024691	1
cg24771012	CSMD1	8.18E-05	0.00710283	1.2699	1.2699	0.18387	1.1017	1.1017	0.0409064	0.85034	-1.176	0.0257853	0.833694	1.199448	0.00339236	0.672558	-1.48685	5.44E-05	0.596535	-1.67653	0.0425546	1.1739	1.1739	0.002273827	1.50615	1.50615	0.0016642	1.36211	1.36211	23.3579	1.76411	0.0664484	1
cg02616558	CSMD1	0.00016253	0.368111	0.923831	-1.08245	0.499671	1.06048	1.06048	0.0130334	0.767981	-1.30212	0.093245	0.853647	-1.17144	0.0777869	0.845375	-1.18291	0.0241734	1.25905	1.25905	3.45E-06	2.55068	2.55068	0.079436	1.18133	1.18133	0.172319	0.882945	-1.13257	19.4304	2.26016	0.103396	1
cg15908006	CSMD1	0.00024575	0.056641	1.68026	1.68026	0.140495	0.448245	-1.68026	0.0134452	0.595134	-1.68026	0.0233732	0.70563	-1.41724	0.0348252	0.654207	-1.52945	0.0830133	1.53802	1.53802	0.0942425	1.37152	1.37152	0.032861	1.53801	1.53801	5.18E-06	5.96327	5.96327	18.2588	8.60251	0.414794	1
cg16671965	CSMD1	0.00036784	0.0120639	0.733876	-1.36263	0.000337745	0.7026	1.70269	0.0197221	0.757015	-1.32098	0.113423	0.843435	-1.18563	0.0201238	0.627958	-1.59246	0.0031842	1.48887	1.48887	0.0628928	1.42165	1.42165	0.010924	1.37132	1.37132	0.0217555	0.761664	-1.31292	15.5675	2.40899	0.137551	1
cg08643111	CSMD1	0.00048937	0.386712	0.770084	-1.29816	0.000150605	0.131164	2.92954	0.172263	0.655194	-1.53185	0.0667138	0.82193	1.820199	0.000138011	0.141315	-7.07638	0.0020246	1.09053	1.09053	0.00076402	0.22285	-4.48732	0.0081254	0.572155	-1.74778	0.00409394	0.326337	-3.06431	14.9034	3.91693	1.22949	1
cg22726414	CSMD1	0.00623528	0.29535	0.877	-1.14025	0.0753747	1.27053	1.27053	0.00249193	0.601534	-1.66242	0.64382	0.802202	1.03082	1.03082	0.0113503	1.4672	1.4672	0.604644	1.56521	1.06521	0.00315575	0.619581	-1.61399	13.4389	3.1133	0.205923	1
cg11925907	CSMD1	0.00068129	0.391256	0.927712	-1.07792	0.00318817	0.496401	-1.01497	0.0469966	0.82349	-1.21434	0.405672	0.929908	-1.07538	0.271896	1.10263	1.10263	0.000237768	0.594542	-1.68197	0.00616186	1.56983	1.56983	0.225585	1.11484	1.11484	0.0125939	1.30345	1.311	1.515	0.10272	1
cg22633467	CSMD1	0.00023906	0.900796	1.03241	1.03241	0.0307113	0.224975	-1.44494	0.383014	0.795484	-1.2571	0.496593	0.818157	-1.19309	0.758846	1.08594	1.08594	0.0002044	1.20906	1.20906	4.78317	0.237253	0.728535	-1.37262	0.496126	1.10933	1.10933	0.00015043	0.189277	-2.58326	1.42871	0.592046	1
cg02563011	CSMD1	0.00107957	0.409106	0.886956	-1.12745	0.0543868	1.46469	1.46469	0.533733	0.895163	-1.11712	0.125274	0.748192	-1.33656	2.72E-05	0.235256	-4.25068	0.178357	0.778794	-1.28404	0.0640166	1.43897	1.43897	0.031361	1.55501	1.55501	0.6690867	0.927585	-1.07807	11.5135	5.57399	0.430336	1
cg06710438	CSMD1	0.00131181	0.0101395	1.77352	1.77352	0.0205788622	1.65955	1.65955	0.00186226	0.659731	-1.43018	0.616638	1.04179	1.041794	5.40E-06	0.434147	-2.30337	0.0023161	1.41182	1.41182	0.0019598	1.4577	1.4577	0.576275	1.04676	1.04676	0.0019598	1.4577	1.4577	0.576275	1.04676	1.04676	27.5631	2.86733	0.0024691	1
cg04477102	CSMD1	0.00147436	0.681086	1.1568	1.1568	0.000213482	0.194334	-1.54579	0.0117707	0.494576	-2.3011	0.0158681	0.704854	-1.41885	0.0038554	0.581459	-1.72015	0.0715046	0.586774	-1.70423	0.0600172	2.52493	2.52493	0.494671	0.832196	-1.20164	0.00094959	0.21727	-4.60272	13.5317	1.76336	0.387795	1
cg07154495	CSMD1	0.0014027	0.292062	1.17268	1.17268	0.00216572	0.534091	-1.87234	0.132739	0.789485	-1.26665	0.137676	0.792192	-1.26232	0.596841	0.925163	-1.08089	0.2565556	0.841506	-1.18835	0.000293701	2.36239	2.36239	0.0260417	0.680532	-1.46944	0.00340115	0.559811	-1.78632	10.4943	3.52915	0.298926	1
cg00552087	CSMD1	0.00270936	0.0121113	0.68035	-1.47015	0.0195641	0.783683	-1.2757	0.0600705	0.748499	-1.33593	0.0990295	0.748499	-1.33593	0.0153634	0.599251	-1.66853	0.0855192	0.797367	-1.25413	0.0434267	2.0684	2.0684	0.157396	1.08206	1.08206	0.473082	1.00083	1.00083	0.473082	1.00083	1.00083	19.8266	1.98806	0.199807	1
cg15239377	CSMD1	0.00423843	0.151865	0.744275	-1.34359	0.0144199	0.559835	-1.78624	0.876524	0.97053	-1.03036	0.591324	0.990353	-1.0099	0.00594653	0.277289	2.77289	0.190539	1.30561	1.30561	0.0206557	2.30407	2.30407	0.813714	1.04646	1.04646	0.944284	0.986644	-1.01354	7.71643	4.52301	0.521025	1
cg01076560	CSMD1	0.00454464	0.717237	0.939077	-1.06474	0.0881895	0.4363	-1.92045	0.0154985	0.730442	-1.36942	0.0332424	0.730442	-1.36942	0.0226619	0.572075	-1.74805	0.0680868	0.810736	1.23371	0.194456	1.84456	1.84456	0.0497696	1.1178	1.1178	0.0060116	0.889388	-1.12443	3.55005	0.872911	0.245813	1
cg08373605	CSMD1	0.004888	0.147126	0.655117	-1.52645	0.0532755	1.81647	1.81647	0.896438	1.03604	1.03604	0.940349	1.02055	1.02055	0.00897704	0.40522	2.46779	0.0982474	1.63722	1.63722	0.00308118	3.00803	3.00803	0.00155881	3.44222	3.44222	0.500309	0.830284	1.20441	7.38949	6.84914	1.04041	1
cg14751679	CSMD1	0.00678161	0.839212	0.945064	-1.05813	0.000308944	0.196231	-5.09605	0.0057002	0.364825	-2.74104	0.878104	0.958212	-1.04361	0.494645	1.21273	1.21273	0.666657	0.886457	-1.12809	0.0583589	1.81287	1.81287	0.0241868	1.13912	1.13912	0.638704	1.14056	1.14056	0.165824	1.81831	1.08894	1
cg02006324	CSMD1	0.00751034	0.0603493	0.715425	-1.39777	0.0321347	0.68217	-1.66207	0.114946	0.792295	-1.26183	0.0997	0.792295	-1.26183	0.0997	0.792295	-1.26183	0.23075	1.19731	1.19731	0.0324154	1.85277	1.85277	0.0324154	1.16529	1.16529	0.0777156	1.17876	1.17876	0.0777156	1.17876	1.17876	1.84802	0.64722	2.5617	0.351876	1
cg12042060	CSMD1	0.00825028	0.0473007	0.506812	-1.97312	0.0345231	0.477962	-2.09221	0.984629	0.994248	-1.00579	0.624078	1.15941	1.15941	0.0132437	0.398778	2.50766	0.0141243	0.403747	-2.4768	0.00542334	0.3342756	-2.99154	0.00894135	2.70695	2.70695	0.6134414	0.858514	-1.1648	6.28288	8.923	1.26241	1
cg08132734	CSMD1	0.00855692	0.0473745	0.958798	-1.04289	0.0104804	0.33553	-1.13751	0.89666	1.01446	1.01446	0.0200307	1.29756	1.297561	0.0025696	0.325361	3.07015	0.0029156	1.40425	1.40425	0.0273732	1.7083	1.7083	0.0273732	1.6019	1.6019	0.0273732	1.7083	1.7083	0.0273732	1.6019	1.6019	1.03	1.6259	0.8027664	0.021489	1
cg11532176	CSMD1	0.00904204	0.37701	0.922311	-1.08423	0.00238007	0.172112	1.72112	0.422675	0.929541	-1.0758	0.599969	0.953887	-1.04834	0.718943	0.968274	-1.03277	0.273252	1.10708	1.10708	0.0185088	1.29204	1.29204	0.434278	0.931298	-1.07377	0.601775	1.04809	1.04809	0.103324	1.76935	0.112048	1
cg22911315	CSMD1	0.00911037	0.0120197	0.634016	-1.57725	0.00603095	1.68513	1.68513	0.789412	0.961811	-1.03971	0.00559672	0.589084	-1.69755	0.0506606	0.723299	-1.38255	0.0831888	0.755032	-1.32445	0.588067	1.0828	1.0828	0.118572	1.27949	1.27949	0.462717	0.896964	-1.11487	6.08877	2.04045	0.297882	1
cg20930764	CSMD1	0.00943613	0.0147734	0.615641	-1.62429	0.0135641	1.74698	1.74698	0.54743	1.04402	1.04402	0.0811995	1.34989	1.349891	0.0030995	0.344923	2.89997	0.0028744	1.41358	1.41358	0.0136336	2.12156	2.12156	0.981009	0.983801	-1.01641	0.0317632	0.75889	0.59005	6.02112	0.46566	0.53078	1
cg09044665	CSMD1	0.00981733	0.636031	0.891898	-1.1212	0.00485653	0.266085	-3.7582	0.266762	0.757551	-1.32004	0.36704	0.800617	-1.24904	0.109685	1.51966	1.51966	0.262677	0.757193	-1.32045	0.0215918	1.93886	1.93886	0.708273	1.0944	1.0944	0.171321	0.705028	-1.41838	5.94555	3.42281	0.810737	1
cg00154592	CSMD1	0.0115897	0.65203	0.894502	-1.11803	0.0172421	0.34457	-2.90207	0.0154839	0.553229	-1.80757	0.0445536	0.553229	-1.80757	0.0444022	0.630478	-1.58613	0.0986585	1.3566	1.3566	0.0256455	1.88057	1.88057	0.0256455	1.36077	1.36077	0.0256455	1.88057	1.88057	0.0256455	1.36077	1.36077	1.0136	0.0027314	0.8809	0.0027314	0.8809	1
cg22864462	CSMD1	0.0123337	0.039649	0.451514	-2.21477	0.777931	1.0991	1.0991	0.0592354	0.490753	-2.03768	0.878949	0.950338	-1.05226	0.00138678	0.212433	4.70737	0.5141555	1.24746	1.24746	0.454481	1.28999	1.28999	0.0165707	2.65952	2.65952	0.115679	1.564657	1.77099	5.52406	5.72721	1.57255	1
cg07777433	CSMD1	0.0124276	0.00310081	0.428046	-2.3362	0.0981659	0.683599	-1.46285	0.012029	0.92469	-1.08245	0.3196	0.92469	-1.08245	0.3196	1.16144	1.16144	0.105701	0.690329	-1.44859	0.0230135	2.98453	2.98453	0.0230135	1.54605	1.54605	0.143707	1.39017	1.39017	0.8593388	1.02715	1.021455	1.02715	0.143707	1.39017	0.8593388	1.02715	0.021455	1.39017	1
cg09159022	CSMD1	0.0133581	0.474981	0.8	-1.25004	0.0811895	0.4363	-1.92302	0.0152302	0.729569	-1.37045	0.0329425	0.729569	-1.37045	0.0329425	0.570236	-1.75384	0.0680868	0.810736	1.23371	0.194456	1.84456	1.84456	0.0497696	1.1178	1.1178	0.0060116	0.889388	-1.12443	3.55005	0.872911	0.245813	1
cg15244965	CSMD1	0.0172778	0.513999	0.754526	-1.32534	0.93081	1.03765	1.03765	0.215171	0.573923	-1.74239	0.671215	0.833837	-1.19928	0.00087169	0.119318	8.381	0.0846111	0.444068	-2.25191	0.0101219	0.2151396	-3.97779	0.326979	1.53829	1.53829	0.0379097	0.359011	-2.78543	4.94259	14.1786	2.54992	1
cg00246768	CSMD1	0.0175001	0.0969353	0.744994	-1.34227	0.0155537	0.51103	-1.95693	0.0154302	0.728119	-1.37279	0.0329425	0.728119	-1.37279	0.0329425	0.569125	-1.75707	0.2481878	1.31785	1.31785	0.0329425	1.83787	1.83787	0.0329425	1.31787	1.31787	0.0329425	1.83787	1.83787	0.0329425	1.31787	1.31787	1.10284	0.43717	1.87348	0.0329425	1.83787	0.0329425	1.83787	1
cg20934731	CSMD1	0.0205616	0.0288991	2.36553	2.36553	0.0364548	1.3267	1.3267	0.314984	1.4156	1.4156	0.529172	0.808188	-1.23734	0.631825	0.850879	-1.17526	0.71182	1.32115	1.32115	0.00740403	3.17114	3.17114	0.0108038	2.9183	2.9183	0.441051	1.30057	1.30057	3.66044	8.25881	1.57521	1
cg20911707	CSMD1	0.0209666	0.0129492	0.298997	-3.34451	0.0180008	0.324678	-3.07997	0.098105	0.491559	-2.03434	0.448249	0.73897	-1.35323	0.04867	0.414235	-2.41409	0.01628	0.31666	-3.15797	0.162695	0.524024	-1.90831	0.404848	0.716342	-1.39598	0.00164222	0.171275	-5.83857	4.62954	11.2328	2.15674	1
cg22838621	CSMD1	0.0210326	0.9808282	1.01496	-1.01496	0.0108007	0.26516	-3.76505	0.0155066	0.736359	-1.35806	0.0332424	0.736359	-1.35806	0.0332424	0.576139	-1.73575	0.0565809	1.42639	1.42639	0.345706	1.85173	1.85173	0.0332424	1.14796	1.14796	0.0332424	1.85173	1.85173	0.0332424	1.14796	1.14796	1.122	0.00193209	2.05877	0.058777	0.42597	0.381187	1
cg11230174	CSMD1	0.0232934	0.0039729	0.58512	0.0065704	0.535189	-1.86505	0.642042	0.08644	1.08644	0.874097	0.972307	-1.02848	0.659436	0.919826	1.087116	-2.37334	0.631825	0.850879	-1.17526	0.00740403	3.17114	3.17114	0.0108038	2.9183	2.9183	0.441051	1.30057	1.30057	3.66044	8.25881	1.57521	1
cg20395083	CSMD1	0.0240309	0.969411	1.02722	1.02722	0.0187827	0.61287	-1.63209	0.393925	0.84883	-1.1808	0.164599	0.773042	-1.29377	0.0023184	0.455717	-2.19454	0.376159	1.26383	1.26383	0.0324154	1.88669	1.88669	0.0324154	1.16529	1.16529	0.0777156	1.17876	1.17876	0.0777156	1.17876	1.17876	1.84802	0.64722	2.5617	0.351876	1
cg09631495	CSMD1	0.0247077	0.460423	1.19369	1.19369	0.0698308	0.62025	-1.61225	0.574649	1.14292	1.14292	0.65054	0.888128	-1.11343	0.44078	1.20347	1.20347	0.2660097	1.3139	1.3139	0.0244106	1.88103	1.88103	0.00202091	0.358461	-2.7897	0.934828	2.01945	1.01945	4.37508	3.84592	0.781379	1
cg26760193	CSMD1	0.0248001	0.642125	0.894044	-1.11878	0.0241074	0.33553	-1.13751	0.89666	1.01446	1.01446	0.0200307	1.29756	1.297561	0.0025696	0.325361	3.07015	0.0029156	1.40425	1.40425	0.0273732	1.7083	1.7083	0.0273732	1.6019	1.6019	0.0273732	1.7083	1.7083	0.0273732	1.6019	1.6019	1.03	1.6259	0.8027664	0.021489	1
cg26285225	CSMD1	0.0249168	0.0147731	0.41898	-2.38689	0.0027689	0.46603	-2.14603	0.0155722	0.74059	-1.35074	0.0332424	0.74059	-1.35074	0.0332424	0.584463	-1.71124	0.0680868	0.810736	1.23371	0.194456	1.84456	1.84456	0.0497696	1.1178	1.1178	0.0060116	0.889388	-1.12443	3.55005	0.872911	0.245813	1
cg18317533	CSMD1	0.0187289	0.154232	0.648798	-1.54131	0.045088	1.91979	1.91979	0.391095	1.28308	1.28308	0.104964	0.604971	-1.65297	0.00630072	0.36448	-2.74363	0.126607	0.625787	-1.59799	0.683456	1.12332	1.12332	0.59814	1.16285	1.16285	0.107078	0.607141	-1.64706	3.72711	4.74976	1.13278	1
cg01290764	CSMD1	0.0190603	0.0147734	0.615641	-1.62429	0.0135641	1.74698	1.74698	0.54743	1.04402	1.04402	0.0811995	1.34989	1.349891	0.0030995	0.344923	2.89997	0.0028744	1.41358	1.41358	0.0136336	2.12156	2.12156	0.981009	0.983801	-1.01641	0.0317632	0.75889	0.59005	6.02112	0.46566	0.53078	1
cg24327361	CSMD1	0.0448692	0.0435273	0.481425	-2.07717	0.990384	1.0038	1.0038	0.0369358	0.466198	-2.14501	0.323977	0.725257	-1.37882	0.0225873	0.423176	2.36308	0.0964857	0.562862	-1.77663	0.0257237	2.30309	2.30309	0.572654	0.835662	-1.19666	0.861105	1.0567	1.0567	1.52937	5.54404	1.39629	1
cg23702644	CSMD1	0.0450563	0.0095682	0.245744	-4.07098	0.0406429	0.651835	-1.53432	0.204252	0.0154839	0.503872	-1.26086	0.341312	0.674947	-1.48182	0.107178	2.49391	0.0464462	0.607139	-1.64686	0.0407192	1.89585	1.89585	0.0426155	1.46007	1.46007	0.0426155	1.89585	1.89585	0.0426155	1.46007	1.46007	1.34042	0.74599	1.7883	0.0426155	1.89585	0.0426155	1.89585	1
cg22258042	CSMD1;CSMD1	0.0464703	0.16195	1.17871	1.17871	0.0843198	1.23402	1.23402	0.0931363	1.16161	1.16161	0.00172623	1.63612	1.636121	0.0164786	0.945655	-1.05747	0.3123573	0.891297	-1.12196	0.00505298	1.50419	1.50419	0.167732	1.37885	1.37885	0.00166906	1.64064	1.64064	6.77886	1.30185	0.170707	1
cg08894588	CSMD2	0.0016603	0.0045137	0.477968	-2.09219	0.0050195	0.485441	-2.05998	0.0696764	0.627087	-1.48591	0.203155	1.29981	1.29981	0.00031895	0.298374	3.3515	0.0133607	0.5498	-1.81884	0.0324745	0.61344	1.63015	0.962667	0.990905	-1.00918	0.00310038	0.385869	-2.59155	10.1771	6.14203	0.536458	1
cg15207609	CSMD2	0.0027182	0.791089	0.947447	-1.05578	0.0337447	0.53107	-1.88302	0.0154839	0.503872	-1.98498	0.0332424	0.734889	-1.36099	0.0332424	0.584463	-1.71124	0.0680868	0.810736	1.23371	0.194456	1.84456	1.84456	0.0497696	1.1178	1.1178	0.0060116	0.889388	-1.12443	3.55005	0.872911	0.245813	1
cg21102477	CSMD2	0.0026203	0.0049229	0.280627	-3.56345	0.00852192	2.12627	2.12627	0.0127877	1.99727	1.99727	0.0317555	0.572548	-1.74658	0.0619046	0.629586	-1.58835	0.0236384	0.548754	-1.82231	0.0298197	0.567385	-1.76247	0.688394	1.09107	1.09107	0.973741	0.992915	-1.00714	10.5202	7.61133	0.562719	1
cg09559221	CSMD2	0.0040826	0.27494	1.20573	1.20573	0.149534	1.29119	1.29119	0.0100037	1.70847	1.70847	0.377269	0.86138	-1.16093	0.949854	0.989655	-1.01041	0.1728137	0.860119	-1.16263	0.00265705	1.94759	1.94759	0.0108038	2.9183	2.9183	0.441051	1.30057	1.30057	3.66044	8.25881	1.57521	1
cg05695604	CSMD2	0.0054155	0.977641	0.991799	-1.00827	0.478231	0.809092	-1.23595	0.791219	0.925004	-1.08108	0.645468	0.872743	-1.14581	0.00247833	0.160037	6.91585	0.2159101	0.897704	-1.11398	0.0197412	1.47523	1.47523	0.331467	0.848868	-1.17804	5.60663	2.75308	0.376453	1
cg08580883	CSMD2	0.0074023	0.193055	0.798319	-1.25263	0.00388077	1.88888	1.88888	0.0857549	1.36415	1.36415	0.892416	1.02237	1.02237	0.00248963	0.502915	-1.98841	0.0700807	0.718088	-1.39259	0.51101	0.8967161	-1.11518	0.0397412	1.47523	1.47523	0.331467	0.848868	-1.17804	5.60663	2.75308	0.376453	1
cg11401957	CSMD2	0.0113301	0.0565172	0.699719	-1.42911	0.0104804	0.33553	-1.13751	0.89666	1.01446	1.01446	0.0200307	1.29756	1.297561	0.0025696	0.325361	3.07015	0.0029156	1.40425	1.40425	0.0273732	1.7083	1.7083	0.0273732	1.6019	1.6019	0.0273732	1.7083	1.7083	0.0273732	1.6019	1.6019	1.03	1.6259	0.8027664	0.021489	1
cg21204965	CSMD2	0.0126219	0.713247	0.9484	-1.10517	0.339067	0.765704	-1.30599	0.439167	0.807544	-1.23832	0.078785	0.589023	-1.69773	0.00190731	0.303835	3.29126	0.194851	1.44991	1.44991	0.925496	1.02566	1.02566	0.00361902	2.90617	2.90617	0.731036	0.910754	-1.09799	5.48552	6.37648	1.03326	1
cg08247051	CSMD2	0.0134747	0.0147734	0.615641	-1.62429	0.0135641	1.74698	1.74698	0.54743	1.04402	1.04402	0.0811995	1.34989	1.349891	0.0030995	0.344923	2.89997	0.0028744	1.41358	1.41358	0.0136336	2.12156	2.12156	0.981009	0.983801	-1.01641	0.0317632	0.75889	0.59005	6.02112	0.46566	0.53078	1
cg24018609	CSMD2	0.0231092	0.209225	0.898987	-1.11236	0.0113445	0.774883	-1.29052	0.104343	1.15355	1.15355	0.121356	1.14468	1.14468	0.228759	1.10696	1.10696	0.1604407	1.12823	1.12823	0.00719133	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00365880	CSNK1G1	0.0390898	0.263377	0.662474	-1.50949	0.432887	1.32664	1.32664	0.000996841	0.177907	-5.62091	0.715622	0.878784	-1.13794	0.80069	0.914537	-1.09345	0.959501	0.982226	-1.0181	0.164159	0.591994	-1.68921	0.0843571	0.509519	-1.96264	0.104355	0.534188	-1.872	3.71445	7.33725	1.75585	1
cg27439427	CSNK1G1	0.0392771	0.496255	0.908033	-1.10128	0.452356	1.11284	1.11284	0.00203069	1.83609	1.83609	0.503557	0.909558	-1.09944	0.240991	1.18698	1.18698	0.985166	0.997407	-1.0026	0.0768276	0.759723	-1.31627	0.943138	0.990088	-1.01001	0.0834552	1.30679	1.30679	3.70793	1.14526	0.27455	1
cg07288587	CSNK1G1;CSNK1G1	0.0178609	0.0344081	1.48047	1.48047	0.268046	1.20137	1.20137	0.0641792	0.718381	-1.39202	0.787328	1.04394	1.04394	0.426032	1.13798	1.13798	0.000645193	2.29899	2.29899	0.619747	0.923536	-1.0828	0.271022	1.19989	1.19989	0.589761	1.09042	1.09042	4.88786	1.95762	0.356006	1
cg01021485	CSNK1G1;CSNK1G1	0.0257048	0.0741623	0.826659	-1.20969	0.147727	1.16019	1.16019	0.118695	1.1759	1.1759	0.0634339	1.22101	1.22101	0.159887	1.1545	1.1545	0.253128	1.12096	1.12096	0.00902447	0.727924	-1.37377	0.588527	1.05364	1.05364	0.034646	1.26571	1.26571	4.31524	0.6255	0.128846	1
cg20464951	CSNK1G2	0.000198719	0.0814715	0.748131	-1.33666	0.499684	1.10845	1.10845	0.112468	0.771319	-1.29648	0.0624482	0.729717	-1.37039	1.99E-06	0.171117	-5.84397	0.00390162	0.557745	-1.79294	0.348215	0.864914	-1.15618	0.895313	1.01998	1.01998	0.950567	1.00936	1.00936	18.4032	6.58126	0.31788	1
cg27585074	CSNK1G2	0.00099842	0.801807	0.952398	-1.04998	0.000328505	3.0804	3.0804	0.00681638	0.50675	-1.97336	0.0688242	0.673751	-1.48423	0.0153202	0.56145	-1.7811	0.025102	0.596512	-1.67641	0.00158069	0.4149	-2.41022	0.424539	1.17134	1.17134	0.00872693	0.523113	-1.91163	11.7718	7.01076	0.529382	1
cg25367139	CSNK1G2	0.00188299	0.0777078	0.658525	-1.51855	0.341123	0.811388	-1.23246	0.744458	0.932685	-1.07217	0.020197	1.81636	1.81636	0.00230199	0.403481	-2.47843	0.0200813	1.81776	1.81776	0.00209752	0.397706	-2.51442	0.00304016	2.3754	2.3754	0.274453	0.784834	-1.27416	9.81253	7.05511	0.639102	1
cg24355006	CSNK1G2	0.0185569	0.470186	0.747593	-1.33763	0.218541	0.599045	-1.66932	0.52544	0.775095	-1.29017	0.512732	0.768851	-1.30064	0.00238639	0.187056	-5.34599	0.0451934	0.4026	-2.48386	0.00103503	0.146012	-6.84878	0.633356	0.82673	-1.20959	0.198737	0.584074	-1.71211	4.82536	11.9811	2.20706	1
cg12588082	CSNK1G2	0.0213428	0.0946529	1.61956	1.61956	0.0144028	2.20709	2.20709	0.0360975	1.89605	1.89605	0.0825663	1.65643	1.65643	0.0305633	1.94836	1.94836	0.588165	1.15431	1.15431	0.0100033	0.425902	-2.34796	0.963295	1.01215	1.01215	0.245494	1.37552	1.37552	4.60149	5.02065	0.969858	1
cg02293212	CSNK1G2	0.0384679	0.0380835	0.412578	-2.42378	0.522663	0.787744	-1.26945	0.0472192	0.43338	-2.30745	0.379387	1.39386	1.39386	0.0427792	0.423703	-2.36014	0.0538602	0.446618	-2.23905	0.00783135	0.28456	-3.51419	0.901872	1.04647	1.04647	0.030055	0.390769	-2.55906	3.73636	8.0246	1.90907	1
cg08143701	CSNK1G2	0.0394699	0.0685857	4.65494	4.65494	0.592191	0.66503	-1.50369	0.222283	2.63174	2.63174	0.199432	2.78094	2.78094	0.00906166	0.0819091	-12.2087	0.0589938	0.200159	-4.99604	0.0557333	0.194895	-5.13098	0.523859	1.62796	1.62796	0.964938	1.03372	1.03372	3.70126	33.3625	8.01228	1
cg12176815	CSNK1G2	0.0438315	0.489665	0.839448	-1.19126	0.24743	1.35199	1.35199	0.859817	1.04507	1.04507	0.561011	0.863647	-1.15788	0.435207	0.819924	-1.21963	0.102527	0.640475	-1.56134	0.00905801	2.28689	2.28689	0.00927039	2.27823	2.27823	0.960261	1.0125	1.0125	3.56036	3.50689	0.87554	1
cg26984183	CSNK1G2;C19orf34	0.039279	0.373343	0.880528	-1.13568	0.682417	1.05895	1.05895	0.390748	1.13025	1.13025	0.178901	1.21995	1.21995	0.987371	0.997799	-1.00221	0.0709095	1.32436	1.32436	0.00266679	0.560837	-1.78305	0.116011	0.788336	-1.26849	0.448294	0.897996	-1.11359	3.70786	1.1383	0.272885	1
cg05885484	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.000197505	0.00103746	0.356357	-2.80617	0.312347	1.24856	1.24856	0.00215706	0.400563	-2.49649	0.0308069	1.71383	1.71383	0.00149236	0.378024	-2.64533	0.0104341	0.504132	-1.98361	1.64E-05	0.152029	-6.57769	0.00181328	0.389867	-2.56498	0.0093099	0.496216	-2.01525	18.4338	13.1727	0.635196	1
cg11616701	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.000655482	0.115895	0.714425	-1.39973	0.400416	0.844188	-1.18457	0.450523	0.859596	-1.16334	0.00022555	0.299036	-3.34408	0.000316073	0.317176	-3.15282	0.000122108	0.267204	-3.74246	0.00401974	0.467424	-2.13938	0.17242	0.751428	-1.3308	0.00219059	0.429408	-2.32879	13.2525	8.12765	0.545149	1
cg15717637	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.00119173	0.183144	0.823827	-1.21385	0.522109	1.0931	1.0931	0.0027312	0.566891	-1.76401	0.00580482	1.64174	1.64174	0.0590465	0.746404	-1.33976	0.000834626	0.501621	-1.99354	0.000441167	0.467004	-2.14131	0.0659204	0.753452	-1.32723	0.431825	1.11636	1.11636	11.1939	3.33743	0.265021	1
cg27054084	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.00178039	0.00331573	0.37902	-2.63838	0.0670605	0.607788	-1.64531	0.235265	0.739511	-1.35224	0.737339	0.921591	-1.08508	0.000388495	0.253499	-3.94479	0.0640571	0.603597	-1.65673	0.00231122	0.356055	-2.80855	0.502612	0.847854	-1.17945	0.000217354	0.223958	-4.46512	9.97341	9.29539	0.828459	1
cg18123072	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.00580757	0.0158631	0.369123	-2.70912	0.179344	0.618082	-1.61791	0.00538853	0.290587	-3.44131	0.415975	0.755445	-1.32372	0.00217395	0.234341	-4.26728	0.0050729	0.286588	-3.48933	0.00264536	0.245818	-4.06804	0.360361	0.72818	-1.37329	0.00376582	0.267405	-3.73965	7.00927	12.6319	1.60193	1
cg24192786	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.0085899	0.48522	1.21848	1.21848	0.00189242	0.293239	-3.41019	0.193195	0.681367	-1.46764	0.817195	1.06664	1.06664	0.0355534	0.50572	-1.97738	0.0958265	1.66473	1.66473	0.0586645	1.81318	1.81318	0.0195426	2.19519	2.19519	0.0777898	0.579201	-1.72652	6.20335	7.62702	1.09289	1
cg05954276	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.0223708	0.539353	1.06402	1.06402	0.988401	1.00145	1.00145	0.415758	0.9203	-1.0866	0.277319	1.11942	1.11942	0.29506	0.897243	-1.11453	0.0494986	0.799476	-1.25082	0.00187669	0.643872	-1.5531	0.300811	0.898478	-1.11299	0.0271187	1.29849	1.29849	4.52788	0.714982	0.140362	1
cg02631957	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3; CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.00600438	0.489286	0.913003	-1.09529	0.00279781	1.70541	1.70541	0.0163627	1.46268	1.46268	0.182961	1.20094	1.20094	0.390533	1.12076	1.12076	0.356744	0.884421	-1.13068	0.00175446	0.561146	-1.78207	0.0620384	1.31291	1.31291	0.339497	1.13606	1.13606	6.9376	1.84486	0.236375	1
cg02895725	CSNK2A1;CSNK2A1;CSNK2A1	4.33E-05	0.133387	0.864562	-1.15666	0.0601609	1.20995	1.20995	0.000321927	0.59268	-1.68725	0.112794	1.16785	1.16785	0.767881	1.02696	1.02696	0.000297817	0.589068	-1.6976	0.00308318	0.694818	-1.43923	0.0363418	0.803541	-1.24449	1.34E-06	0.328874	-3.04068	27.6528	3.53875	0.113752	1
cg03346802	CSNK2A1;CSNK2A1;CSNK2A1	5.88E-05	0.000529694	0.303677	-3.29298	0.261736	0.772247	-1.29492	0.823445	1.05059	1.05059	1.08E-05	0.12578	-7.95039	1.11E-05	0.126895	-7.88055	0.0218542	0.544648	-1.83605	0.0132609	0.507729	-1.96955	0.0746928	1.5503	1.5503	0.0355182	1.71688	1.71688	25.5042	19.6993	0.686573	1
cg02284850	CSNK2A1;CSNK2A1;CSNK2A1	0.000790928	0.00190309	0.408972	-2.44515	0.131093	0.717956	-1.39284	0.000460788	0.326099	-3.06655	0.0967081	0.690295	-1.44866	0.0137433	0.538379	-1.85743	0.391251	1.19548	1.19548	0.000263365	0.295606	-3.38288	0.132112	0.718682	-1.39144	0.000192406	0.27906	-3.58346	12.5724	8.22655	0.581632	1
cg07789225	CSNK2A1;CSNK2A1;CSNK2A1	0.00288422	0.0465872	2.27897	2.27897	0.0648632	2.11574	2.11574	0.046693	0.439017	-2.27781	0.00891208	3.32931	3.32931	0.0418821	2.33409	2.33409	0.0141967	2.98484	2.98484	0.000722217	0.155795	-6.41869	0.6995	0.86919	-1.1505	0.320321	1.44942	1.44942	8.65865	17.9158	1.83922	1
cg23481873	CSNK2A1;CSNK2A1;CSNK2A1	0.0119627	0.139694	0.725801	-1.37779	0.00246699	0.427881	-2.3371	0.803203	0.950895	-1.05164	0.536164	0.88133	-1.13465	0.0259876	0.586912	-1.70383	0.275071	1.25732	1.25732	0.0173614	0.55756	-1.79353	0.0197857	1.76381	1.76381	0.531807	1.13622	1.13622	5.57913	3.59303	0.572455	1
cg26292976	CSNK2A1;CSNK2A1;CSNK2A1	0.0148652	0.0519728	1.5778	1.5778	0.0244789	0.575352	-1.73807	0.006409	2.07817	2.07817	0.489997	0.865344	-1.15561	0.92874	1.01862	1.01862	0.167291	0.73814	-1.35476	0.0627205	1.54024	1.54024	0.0112798	1.92437	1.92437	0.923947	1.01989	1.01989	5.19618	3.50084	0.598875	1
cg21789392	CSNK2A1;CSNK2A1;CSNK2A1	0.0210577	0.299793	1.21741	1.21741	0.000486614	2.72086	2.72086	0.135254	1.34282	1.34282	0.307373	1.21343	1.21343	0.143759	1.33319	1.33319	0.210184	0.785246	-1.27349	0.244634	1.24961	1.24961	0.652433	0.920348	-1.08655	0.809726	0.956798	-1.04515	4.62269	2.45401	0.471877	1
cg04967687	CSNK2A1;CSNK2A1;CSNK2A1	0.0262665	0.0949539	1.87681	1.87681	0.0168788	0.367843	-2.71855	0.00249129	0.236469	-4.22889	0.0525005	0.469333	-2.13068	0.520272	0.799635	-1.25057	0.0561421	0.476089	-2.10045	0.426601	0.756907	-1.32117	0.690895	0.871856	-1.14698	0.695866	0.873904	-1.14429	4.28278	7.98449	1.65718	1
cg07511836	CSNK2A1;CSNK2A1;CSNK2A1	0.0276947	0.628903	1.10893	1.10893	0.00621861	2.13256	2.13256	0.0030539	2.36663	2.36663	0.483083	0.859552	-1.1634	0.236927	0.768668	-1.30095	0.756823	1.06817	1.06817	0.479805	0.858544	-1.16476	0.45167	1.17682	1.17682	0.329697	0.80769	-1.2381	4.20398	3.00157	0.634653	1
cg03674076	CSNK2A1;CSNK2A1;CSNK2A1	0.0486289	0.533542	1.05999	1.05999	0.571125	1.0543	1.0543	0.29985	0.905508	-1.10435	0.321247	1.0993	1.0993	0.479911	0.935807	-1.0686	0.0904109	1.18812	1.18812	0.00741542	0.727129	-1.37527	0.262435	0.897674	-1.11399	0.0370014	1.25078	1.25078	3.42407	0.462849	0.120156	1
cg19292062	CSNK2A1;CSNK2A1;CSNK2A1;CSNK2A1; CSNK2A1;CSNK2A1	0.0499212	0.770656	1.05854	1.05854	0.367876	0.835259	-1.19723	0.510248	0.878105	-1.13882	0.756762	1.06233	1.06233	0.836052	0.960472	-1.04115	0.735237	0.936076	-1.06829	0.754633	0.940806	-1.06292	0.000958578	2.60492	2.60492	0.633924	0.910856	-1.09787	3.39016	2.03377	0.533248	1
cg22027500	CSNK2A1P;GALNTL4	2.53E-06	0.000247868	0.579862	-1.72455	0.0146075	0.762707	-1.31112	0.0379485	1.24205	1.24205	0.000766411	0.63188	-1.58258	6.86E-07	0.296535	-3.37229	0.675948	0.962841	-1.03859	3.20E-07	0.261486	-3.8243	2.40E-05	0.468284	-2.13546	2.48E-05	0.469888	-2.12817	57.8097	7.42905	0.11423	1
cg04807025	CSNK2A1P;GALNTL4	0.00478979	0.530802	1.0681	1.0681	0.0631989	0.805074	-1.24212	0.398919	1.09375	1.09375	0.0297894	1.30389	1.30389	0.887968	1.01473	1.01473	0.796411	1.02719	1.02719	0.000130304	1.99263	1.99263	0.966396	1.00438	1.00438	0.018456	1.34526	1.34526	7.43533	1.26797	0.151585	1
cg14763706	CSNK2A1P;GALNTL4	0.0197365	0.0813705	0.522208	-1.91495	0.561036	0.82064	-1.21856	0.024436	0.405884	-2.46376	0.00894604	0.326854	-3.05947	0.055472	0.481926	-2.07501	0.270884	0.680106	-1.47036	0.0274671	0.41601	-2.40379	0.00151877	0.215298	-4.64471	0.0479972	0.467578	-2.13868	4.7258	8.46496	1.5922	1
cg06297857	CSNK2A2	0.00279695	0.0161388	0.497092	-2.0117	0.037397	0.563495	-1.77464	0.855834	0.957733	-1.04413	0.0240256	0.527703	-1.895	0.0133397	0.482902	-2.07081	0.0609826	0.605645	-1.65113	0.00034219	3.93273	3.93273	0.504932	1.17429	1.17429	0.693038	0.91009	-1.09879	8.73778	7.80371	0.793866	1
cg27239168	CSNK2A2	0.00689513	0.0426366	1.54164	1.54164	0.0741518	1.44635	1.44635	0.0329667	0.629695	-1.58807	0.274464	0.80987	-1.23477	0.000967085	0.402114	-2.48686	0.957576	1.00991	1.00991	0.0161315	1.72623	1.72623	0.302612	0.820338	-1.21901	0.985681	1.00333	1.00333	6.64631	3.62037	0.484194	1
cg27339474	CSNK2A2	0.0103578	0.00936725	0.22743	-4.39696	0.224356	0.563461	-1.77475	0.220503	0.56049	-1.78415	0.245631	1.72596	1.72596	0.855542	0.921358	-1.08535	0.0125053	0.247468	-4.04092	0.00117434	0.117628	-8.50137	0.285563	0.607438	-1.64626	0.00763599	0.214063	-4.67152	5.84445	18.6984	2.84386	1
cg24307225	CSNK2A2	0.0144444	0.926184	1.01116	1.01116	0.0386868	1.33206	1.33206	0.939976	1.00906	1.00906	0.00368467	0.624967	-1.60009	0.0467127	1.31351	1.31351	0.121644	0.817959	-1.22256	0.378836	0.897521	-1.11418	0.0120475	1.45492	1.45492	0.542689	1.07658	1.07658	5.24565	1.19136	0.201879	1
cg06083734	CSNK2A2	0.0202591	0.156698	1.27341	1.27341	0.119805	0.763926	-1.30903	0.715428	1.06016	1.06016	0.512578	1.11178	1.11178	0.0828404	0.736058	-1.35859	0.0295971	0.664546	-1.50479	0.0012026	0.469139	-2.13156	0.159139	0.786558	-1.27136	0.807512	1.03971	1.03971	4.68402	1.88852	0.358385	1
cg15508020	CSNK2A2	0.0365445	0.0583618	0.74259	-1.34664	0.457094	1.11112	1.11112	0.247745	1.18309	1.18309	0.48879	0.90679	-1.10279	0.0848522	1.30361	1.30361	0.0607245	0.745143	-1.34202	0.0977704	0.776664	-1.28756	0.0982702	1.28698	1.28698	0.0235059	1.45709	1.45709	3.807	1.16721	0.27253	1
cg06640533	CSNK2A2	0.0368428	0.0841984	0.239941	-4.16769	0.0432269	0.175978	-5.68252	0.0318053	0.152589	-6.55355	0.218161	0.379926	-2.63209	0.0287816	0.145643	-6.86611	0.0325031	0.154139	-6.48763	0.00340099	0.0510673	-19.582	0.554467	0.639737	-1.56314	0.0582819	0.20215	-4.94682	3.79575	33.5564	7.85824	1
cg23817343	CSNK2B	3.62E-07	0.000220884	0.590156	-1.69447	2.96E-06	0.384688	-2.59951	3.85E-06	0.397455	-2.51601	0.688002	0.965996	-1.0352	4.62E-08	0.195009	-5.12796	1.52E-07	0.245516	-4.07306	1.34E-06	0.346402	-2.88682	0.359985	0.92251	-1.084	4.79E-05	0.518927	-1.92705	94.9676	11.0471	0.1034	1
cg12484153	CSNK2B	3.60E-06	8.11E-07	0.139886	-7.1487	0.744863	1.04984	1.04984	0.000158716	0.382136	-2.61687	0.0359241	1.43843	1.43843	0.0101415	0.616869	-1.62109	9.48E-07	0.145503	-6.8727	3.25E-06	0.193956	-5.15581	0.0925901	0.75903	-1.31747	0.00373963	0.558107	-1.79177	52.8239	18.5654	0.312407	1
cg07725191	CSNK2B	0.000503022	0.456177	1.13113	1.13113	0.0877014	1.35802	1.35802	0.50424	0.895809	-1.11631	0.563625	1.09942	1.09942	0.0401678	0.680484	-1.46954	6.98E-06	0.198816	-5.02979	0.460142	1.12986	1.12986	0.0330556	0.667219	-1.49876	0.403064	0.870292	-1.14904	14.2666	5.95591	0.371085	1
cg13511576	CSNK2B	0.000691043	0.000108119	0.2729	-3.66434	0.031857	0.619623	-1.61389	0.73795	0.938102	-1.06598	0.00592646	0.504135	-1.98359	0.0332035	0.622673	-1.60598	0.000697247	0.373734	-2.6757	0.000162953	0.294006	-3.40129	0.0605384	0.668508	-1.49587	0.00251312	0.449979	-2.22233	13.058	7.48877	0.509779	1
cg08432075	CSNK2B	0.00104257	0.0185119	0.515444	-1.94007	0.096919	1.52617	1.52617	0.00208058	0.365878	-2.73315	0.582435	1.13751	1.13751	0.000201947	0.235355	-4.2489	0.00913734	0.463809	-2.15606	0.0015682	0.34855	-2.86903	0.697752	0.913429	-1.09478	0.00232414	0.372779	-2.68256	11.6282	9.91444	0.757887	1
cg03724949	CSNK2B	0.00116639	0.00284378	0.306728	-3.26022	0.844488	1.05812	1.05812	0.087871	0.581637	-1.71928	0.417126	1.26942	1.26942	0.351597	1.31756	1.31756	0.0010543	0.248119	-4.03033	8.74E-05	0.132167	-7.56621	0.0689846	0.556869	-1.79575	0.00739281	0.37052	-2.69891	11.2627	14.7626	1.16511	1
cg14724318	CSNK2B	0.00404712	0.130941	0.846069	-1.18194	?	?	?	0.00529335	1.45752	1.45752	0.0656252	1.23584	1.23584	0.811224	0.975774	-1.02483	0.0143589	0.733932	-1.36252	0.00129491	1.61671	1.61671	0.0300779	1.29884	1.29884	0.842018	1.02066	1.02066	7.99546	1.1824	0.147884	1
cg12032533	CSNK2B	0.00487402	0.372941	1.15191	1.15191	0.034296	1.46492	1.46492	0.0419684	0.696013	-1.43676	0.0438497	1.43072	1.43072	0.0036004	0.543669	-1.83935	0.00267216	0.526223	-1.90033	0.313651	1.17483	1.17483	0.0549836	1.39997	1.39997	0.9543	1.0089	1.0089	7.39595	2.80022	0.336547	1
cg04465120	CSNK2B	0.00527525	0.0260048	0.592678	-1.68726	0.410853	0.846626	-1.18116	0.388387	0.83944	-1.19127	0.0279151	0.597908	-1.6725	0.819157	1.04638	1.04638	0.168678	1.33693	1.33693	0.000245707	3.31788	3.31788	0.854648	0.964345	-1.03697	0.351835	1.20888	1.20888	7.21933	4.48171	0.551816	1
cg23090283	CSNK2B	0.00636926	0.997995	0.999242	-1.00076	0.00570094	0.334698	-2.98777	0.0081854	0.360043	-2.77745	0.00319089	0.296549	-3.37212	0.022611	0.438595	-2.28001	0.00305277	0.293761	-3.40413	0.159559	0.63523	-1.57423	0.0263998	0.451663	-2.21404	0.00396979	0.310557	-3.22002	6.81216	9.83337	1.28311	1
cg20452657	CSNK2B	0.00691386	0.00111801	0.13114	-7.62544	0.0298151	0.33888	-2.9509	0.447366	0.720528	-1.38787	0.294987	1.58358	1.58358	0.00104461	0.128255	-7.79698	0.0222243	0.313465	-3.19015	0.14306	0.513676	-1.94675	0.834662	0.915336	-1.09249	0.0520596	0.392433	-2.54821	6.6407	18.8412	2.52198	1
cg09966112	CSNK2B	0.0102168	0.588182	0.889742	-1.12392	0.979999	0.994657	-1.00537	0.485375	1.16357	1.16357	0.921369	1.02132	1.02132	0.013527	0.520409	-1.92157	0.109236	0.688525	-1.45238	0.804311	0.948333	-1.05448	0.0286344	1.73625	1.73625	0.000610923	0.323631	-3.08994	5.87018	4.24537	0.642853	1
cg05614351	CSNK2B	0.0169606	0.405559	0.6967	-1.43534	0.0851639	0.445594	-2.24419	0.922912	0.959727	-1.04196	0.548862	1.29384	1.29384	0.000607978	0.106052	-9.42937	0.457725	1.37873	1.37873	0.0884033	0.450048	-2.22199	0.482073	1.35452	1.35452	0.0278396	0.33154	-3.01623	4.97334	14.2072	2.53926	1
cg08509427	CSNK2B	0.028327	0.0658726	0.265534	-3.766	0.00355384	0.0789932	-12.6593	0.36392	0.549086	-1.82121	0.247895	0.460158	-2.17317	0.0126722	0.136573	-7.3221	0.273936	0.481189	-2.07819	0.00480719	0.0903518	-11.0678	0.393465	0.570262	-1.75358	0.0760004	0.281191	-3.5563	4.17068	27.2705	5.81212	1
cg03536785	CSNK2B;BAT4;CSNK2B	0.0118864	0.928533	0.978796	-1.02166	0.416761	0.82014	-1.2193	0.549341	1.15574	1.15574	0.0398283	1.76427	1.76427	0.889676	1.03372	1.03372	0.392581	1.23276	1.23276	0.000308761	0.246836	-4.05128	0.230007	0.740159	-1.35106	0.897018	1.03142	1.03142	5.59072	5.05414	0.803575	1
cg01618834	CSNK2B;BAT4;CSNK2B	0.024027	0.622691	0.963666	-1.0377	0.00173163	1.39582	1.39582	0.0642794	1.16783	1.16783	0.341744	0.929502	-1.07584	0.889986	0.989725	-1.01038	0.135258	1.12767	1.12767	0.864069	1.01287	1.01287	0.0337756	0.831112	-1.20321	0.38478	1.06876	1.06876	4.41768	0.389654	0.0784028	1
cg21609684	CSPG4	0.000543009	0.746347	1.0377	1.0377	1.43E-05	2.80218	2.80218	0.41124	0.908633	-1.10055	0.799045	0.971329	-1.02952	0.0296418	0.746803	-1.33904	0.00264236	1.60709	1.60709	0.34736	0.895532	-1.11666	0.837374	1.02371	1.02371	0.168939	0.846088	-1.18191	13.9667	2.87634	0.18306	1
cg13230197	CSPG4	0.00361977	0.000387134	0.627622	-1.59332	0.00368962	0.724006	-1.3812	0.00508211	0.737287	-1.35632	0.509505	0.946425	-1.05661	0.249993	0.905804	-1.10399	0.421363	1.06993	1.06993	0.0307403	1.23223	1.23223	0.684098	0.966896	-1.03424	0.417114	0.934032	-1.07063	8.09184	0.867927	0.0953419	1
cg20310606	CSPG4	0.00395376	0.0436987	0.749232	-1.3347	0.00154095	0.567091	-1.76338	0.0100106	0.667078	-1.49907	0.0862212	0.789761	-1.26621	0.0318551	0.73111	-1.36778	0.0831342	1.26981	1.26981	0.00595906	1.56469	1.56469	0.539812	1.08035	1.08035	0.243552	0.85905	-1.16408	7.88005	1.93484	0.218255	1
cg05729827	CSPG4	0.00633394	0.468023	1.09617	1.09617	0.00103029	0.546217	-1.83077	0.798698	0.96872	-1.03229	0.052019	1.31638	1.31638	0.128586	1.22661	1.22661	0.063915	1.29559	1.29559	0.00356634	1.6339	1.6339	0.110932	1.24106	1.24106	0.950709	0.992342	-1.00772	6.82391	1.67131	0.217706	1
cg20910562	CSPG4	0.00672255	0.0170782	2.07525	2.07525	0.00866063	2.31709	2.31709	0.186744	1.4211	1.4211	0.027966	1.91944	1.91944	0.929264	0.977952	-1.02255	0.290082	1.31747	1.31747	0.0232354	1.97627	1.97627	0.000242991	4.58883	4.58883	0.059225	1.70715	1.70715	6.69895	6.68976	0.88767	1
cg08919359	CSPG4	0.00914543	0.000770062	0.423961	-2.35871	0.00511973	0.536211	-1.86494	0.0252264	0.638624	-1.56587	0.125828	0.756448	-1.32197	0.0124306	0.592018	-1.68914	0.172089	0.782757	-1.27754	0.00707262	0.556257	-1.79773	0.475667	0.884949	-1.13001	0.0662838	0.706733	-1.41496	6.08134	2.73489	0.399749	1
cg17883837	CSPG4	0.0104541	0.0703627	0.802756	-1.24571	0.057432	0.791814	-1.26292	0.0210261	0.7397	-1.3519	0.0633265	1.25462	1.25462	0.701293	1.04275	1.04275	0.0504426	0.784912	-1.27403	0.002292	1.58892	1.58892	0.87647	0.983245	-1.01704	0.34199	0.899109	-1.11221	5.82713	1.0889	0.166104	1
cg27420361	CSPG4	0.0133748	0.035472	0.74087	-1.34976	0.0302881	0.731987	-1.36614	0.574459	1.07197	1.07197	0.201764	0.847784	-1.17955	0.0355925	0.741062	-1.34942	0.464685	1.09544	1.09544	0.00215571	1.695	1.695	0.420795	0.904157	-1.106	0.162924	0.83322	-1.20016	5.37992	1.27867	0.211267	1
cg03238581	CSPG4	0.0141575	0.0314485	0.281126	-3.55712	0.000528602	0.0662213	-15.1009	0.0325999	0.284314	-3.51724	0.140181	0.450188	-2.22129	0.091231	0.392418	-2.5483	0.0261606	0.265321	-3.76902	0.057799	0.340038	-2.94085	0.0198688	0.243203	-4.11179	0.338537	0.608892	-1.64233	5.28043	21.1492	3.56018	1
cg14576802	CSPG4	0.0202218	0.00631514	0.401018	-2.49366	0.0284888	0.514701	-1.94288	0.0514703	0.565741	-1.76759	0.177571	0.692021	-1.44504	0.0577541	0.576237	-1.7354	0.0808938	0.608177	-1.64426	0.00121726	0.296306	-3.37489	0.144648	0.668618	-1.49562	0.163046	0.682126	-1.466	4.68696	4.89998	0.92929	1
cg02400942	CSPG4	0.0313651	0.0423627	0.269388	-3.71212	0.00114233	0.0683368	-14.6334	0.0240736	0.221042	-4.52403	0.173311	0.443609	-2.25424	0.162106	0.432834	-2.31035	0.102255	0.366701	-2.72701	0.0867697	0.346044	-2.88981	0.0797702	0.335967	-2.97648	0.337866	0.574495	-1.74066	4.02259	20.0502	4.43058	1
cg17872407	CSPG4	0.0398603	0.0528278	1.54265	1.54265	0.463387	0.863284	-1.15837	0.850273	1.03792	1.03792	0.199878	1.3057	1.3057	0.0669189	0.667278	-1.49863	0.0819884	1.46167	1.46167	0.00487041	2.08587	2.08587	0.184536	1.31945	1.31945	0.202626	1.30335	1.30335	3.68789	2.26595	0.546161	1
cg10415122	CSPG4	0.0496104	0.148439	1.38696	1.38696	0.892981	1.02881	1.02881	0.944568	1.01478	1.01478	0.0502982	0.624437	-1.60144	0.796633	0.946958	-1.05601	0.00767191	0.485227	-2.06089	0.107503	1.44876	1.44876	0.161745	1.3707	1.3707	0.229582	0.766402	-1.3048	3.39822	2.39699	0.626994	1
cg09628962	CSPG4;CSPG4	0.042449	0.127053	0.45159	-2.2144	0.00997735	4.79428	4.79428	0.954635	1.02778	1.02778	0.364017	0.638022	-1.56734	0.0145115	0.2344	-4.26621	0.0832759	2.51855	2.51855	0.946917	1.0326	1.0326	0.9172	1.05137	1.05137	0.477859	0.706357	-1.41571	3.60308	13.2434	3.26718	1
cg21936789	CSPG5	0.000719311	0.0601731	1.26959	1.26959	0.000465553	0.538089	-1.85843	0.017164	0.721086	-1.3868	0.935674	0.990953	-1.00913	0.137867	1.19709	1.19709	0.925878	0.989578	-1.01053	0.00018212	2.03946	2.03946	0.00654707	1.48841	1.48841	0.372215	0.901992	-1.10866	12.9121	2.59238	0.178464	1
cg04289624	CSPG5	0.0312279	0.194611	0.696875	-1.43498	0.0391047	1.87474	1.87474	0.00718479	2.49276	2.49276	0.0544613	1.77593	1.77593	0.243607	0.725332	-1.37868	0.0503939	1.7986	1.7986	0.34088	0.772336	-1.29477	0.712978	0.907329	-1.10214	0.177566	1.45813	1.45813	4.02889	4.42065	0.975322	1
cg00242358	CSPG5	0.0315224	0.951865	0.979013	-1.02144	0.554486	1.23375	1.23375	0.161346	0.591233	-1.69138	0.166169	0.595249	-1.67997	0.063945	0.481143	-2.07838	0.204112	1.60141	1.60141	0.0290253	2.4699	2.4699	0.0122813	2.9915	2.9915	0.0603143	2.1051	2.1051	4.01541	7.85077	1.73792	1
cg07032164	CSPG5	0.0361475	0.535967	1.40826	1.40826	0.22561	2.00394	2.00394	0.668361	0.790247	-1.26543	0.957961	0.971616	-1.02921	0.399874	0.62454	-1.60118	0.170438	2.21983	2.21983	0.493583	1.46196	1.46196	0.00113249	13.6858	13.6858	0.0342041	3.85651	3.85651	3.82215	18.0619	4.20053	1
cg26572856	CSPP1;CSPP1	0.00387956	0.804404	1.07279	1.07279	0.00337376	3.09259	3.09259	0.339999	1.3211	1.3211	0.601595	0.861424	-1.16087	0.207834	0.686557	-1.45654	0.000201229	0.170936	-5.85013	0.298524	0.737024	-1.35681	0.666377	1.13068	1.13068	0.260309	1.39442	1.39442	7.92513	10.0644	1.12883	1
cg24281422	CSPP1;CSPP1	0.00525983	0.00799181	1.57334	1.57334	0.0982125	1.27353	1.27353	0.0646562	0.758305	-1.31873	0.180241	1.2089	1.2089	0.618208	1.06928	1.06928	0.139995	1.23576	1.23576	0.000556959	0.489716	-2.042	0.721317	0.953373	-1.04891	0.135775	1.23902	1.23902	7.2258	2.03392	0.250204	1
cg27473073	CSPP1;CSPP1	0.00568241	0.813489	1.04738	1.04738	0.000497443	0.343982	-2.90712	0.0257661	0.595352	-1.67968	0.599185	0.901344	-1.10945	0.935901	0.98437	-1.01588	0.738002	0.936366	-1.06796	0.00300001	2.21911	2.21911	0.159873	0.745187	-1.34195	0.657041	0.916202	-1.09146	7.05644	4.28676	0.539996	1
cg22433775	CSPP1;CSPP1	0.0128575	0.0228001	0.5881	-1.70039	0.566836	0.89334	-1.11939	0.488356	1.147	1.147	0.396526	0.844379	-1.1843	0.392262	0.843023	-1.18621	0.563405	0.892428	-1.12054	0.000226953	0.302971	-3.30064	0.932639	0.983664	-1.01661	0.680324	1.08406	1.08406	5.44972	3.27623	0.534378	1
cg16169373	CSPP1;CSPP1	0.0262547	0.00757584	0.382538	-2.61412	0.11226	1.62211	1.62211	0.418924	1.25992	1.25992	0.00651822	0.371952	-2.68852	?	?	?	0.134084	0.636364	-1.57143	0.882509	0.959473	-1.04224	0.500889	1.21061	1.21061	0.379613	0.777132	-1.28678	4.35749	4.80087	1.10175	1
cg27247252	CSPP1;CSPP1;COPS5	0.0119717	0.174026	0.376301	-2.65744	0.700997	0.770476	-1.2979	0.0975833	0.292728	-3.41614	0.826871	0.862399	-1.15956	0.0352956	0.190752	-5.2424	0.0921901	3.49979	3.49979	0.0016355	0.0474172	-21.0894	0.00602022	0.0884472	-11.3062	0.0254891	0.166268	-6.01438	5.57776	40.3491	6.43015	1
cg21320567	CSPP1;CSPP1;COPS5	0.0477219	0.060754	0.195287	-5.12066	0.211426	2.76525	2.76525	0.123741	0.275825	-3.62548	0.741582	0.774404	-1.29132	0.0179624	0.108447	-9.22113	0.915721	0.921471	-1.08522	0.011279	0.0861163	-11.6122	0.0389384	0.157747	-6.33927	0.16122	0.31474	-3.17722	3.44853	32.6004	8.40303	1
cg03540589	CSRNP1	0.000905046	0.000790447	0.132287	-7.55935	0.0315275	0.365745	-2.73414	0.0826146	0.464527	-2.15273	0.987578	0.99381	-1.00623	0.00040428	0.10615	-9.42062	0.970639	0.985427	-1.01479	0.000140935	0.072782	-13.7397	0.194271	1.72931	1.72931	0.00952378	0.26986	-3.70562	12.1036	30.4948	2.23954	1
cg15317522	CSRNP1	0.00327006	0.15403	1.58538	1.58538	0.000921581	4.45856	4.45856	0.0163892	2.42518	2.42518	0.339124	0.74265	-1.34653	0.0179643	0.41967	-2.38282	0.0259907	2.22105	2.22105	0.131488	0.611594	-1.63507	0.424767	0.781803	-1.27909	0.0150819	0.405787	-2.46434	8.34143	12.0471	1.28378	1
cg24791666	CSRNP1	0.00773463	0.0128981	0.27112	-3.6884	0.0566199	2.49006	2.49006	0.0999763	2.14271	2.14271	0.821931	1.09999	1.09999	0.0548324	0.398227	-2.51113	0.211372	1.74488	1.74488	0.00480614	0.20558	-4.86429	0.0222344	3.18569	3.18569	0.0818369	0.442526	-2.25976	6.41177	18.1516	2.51643	1
cg14689515	CSRNP1	0.0178422	0.362215	0.581844	-1.71868	0.00803465	7.12597	7.12597	0.0180092	5.2686	5.2686	0.679506	1.27154	1.27154	0.509619	0.67922	-1.47228	0.137269	2.52322	2.52322	0.00913487	0.147365	-6.78588	0.119631	2.65511	2.65511	0.459112	0.64669	-1.54634	4.88958	25.8944	4.70742	1
cg00501876	CSRNP1	0.0181978	0.00637179	0.270766	-3.69322	0.361816	0.708275	-1.41188	0.498393	1.28777	1.28777	0.251077	0.643217	-1.55469	0.00439746	0.246771	-4.05235	0.971393	1.01328	1.01328	0.00287844	0.221249	-4.51979	0.352566	0.703275	-1.42192	0.132158	0.54994	-1.81838	4.85724	10.4165	1.90626	1
cg02254461	CSRNP1	0.0209104	0.186798	0.543117	-1.84122	0.0124054	3.88697	3.88697	0.0582068	2.54419	2.54419	0.612075	1.24992	1.24992	0.0354102	0.343522	-2.91103	0.673152	1.20331	1.20331	0.0166144	0.279166	-3.5821	0.0653339	0.405565	-2.4657	0.788427	1.12449	1.12449	4.63378	13.9652	2.67892	1
cg00330958	CSRNP1	0.0411873	0.288136	1.24126	1.24126	0.142861	1.36156	1.36156	0.0694505	0.671667	-1.48883	0.747587	1.06533	1.06533	0.153055	0.740908	-1.3497	0.0487163	1.55456	1.55456	0.0318122	0.610715	-1.63742	0.728616	1.07065	1.07065	0.0306938	0.608049	-1.6446	3.64359	2.2164	0.540712	1
cg00552387	CSRNP2	0.0024892	0.0192999	1.27254	1.27254	0.00417013	1.39478	1.39478	0.140523	1.14165	1.14165	0.578452	1.04754	1.04754	0.000226098	1.73693	1.73693	0.112371	0.865278	-1.1557	0.385035	0.928802	-1.07666	0.133458	1.14489	1.14489	0.00148922	1.49503	1.49503	10.7126	1.1337	0.0823108	1
cg02675652	CSRNP2	0.00638504	0.0197438	0.329834	-3.03183	0.0135916	3.32973	3.32973	0.205037	0.590504	-1.69347	0.262675	1.58418	1.58418	0.00158604	0.167597	-5.96668	0.0489329	0.412393	-2.42487	0.00791595	0.261395	-3.82563	0.184293	0.574186	-1.74159	0.58436	0.804429	-1.24312	6.80693	16.7312	2.18485	1
cg01577361	CSRNP2	0.0186001	0.882506	1.01864	1.01864	0.00891	1.51526	1.51526	0.0124992	1.47412	1.47412	0.29348	1.14578	1.14578	0.1968	0.843311	-1.1858	0.193138	0.841993	-1.18766	0.584704	0.933399	-1.07135	0.232131	1.1694	1.1694	0.00480882	1.59555	1.59555	4.82158	1.19094	0.219558	1
cg23314055	CSRNP2	0.0370616	0.87317	1.09538	1.09538	0.374509	1.68172	1.68172	0.800081	1.15571	1.15571	0.0673162	0.31062	-3.21937	0.0247335	0.21769	-4.59368	0.30891	1.8231	1.8231	0.00324646	0.101352	-9.86659	0.681395	1.26544	1.26544	0.16182	0.426602	-2.34411	3.78757	19.5083	4.57832	1
cg06134974	CSRNP2	0.041773	0.681161	1.04101	1.04101	0.0444007	1.25181	1.25181	0.887268	1.01389	1.01389	0.0850996	1.20345	1.20345	0.174887	0.869044	-1.15069	0.62251	1.04945	1.04945	0.913785	1.01059	1.01059	0.172492	0.868277	-1.15171	0.00311491	1.4819	1.4819	3.6246	0.543212	0.133216	1
cg12594348	CSRNP2	0.0493561	0.842496	0.965659	-1.03556	0.824951	1.03968	1.03968	0.596481	0.910413	-1.0984	0.199014	1.26919	1.26919	0.797339	1.04624	1.04624	0.15587	0.765915	-1.30563	0.00133508	0.440784	-2.26868	0.326291	0.836931	-1.19484	0.607329	1.09532	1.09532	3.40485	1.66371	0.434337	1
cg26033504	CSRP1;CSRP1	0.000801166	0.00630186	0.435476	-2.29634	0.0577952	0.605801	-1.65071	0.000172847	0.22531	-4.43833	0.000390226	0.266876	-3.74706	0.262108	1.31419	1.31419	0.0294739	1.82038	1.82038	0.0283415	0.546201	-1.83083	0.11577	1.491	1.491	0.0941473	0.650507	-1.53726	12.527	10.8313	0.768569	1
cg22942576	CSRP1;CSRP1	0.0013984	0.0128008	0.665121	-1.50349	0.363845	0.8842	-1.13097	0.000106763	0.405891	-2.46371	0.859301	0.976871	-1.02368	0.0063479	0.625885	-1.59774	0.189766	1.20102	1.20102	0.0269528	1.4127	1.4127	0.0504014	0.745191	-1.34194	0.00629411	0.625414	-1.59894	10.693	2.94565	0.244866	1
cg13561226	CSRP1;CSRP1	0.00189612	0.309502	1.11148	1.11148	0.97945	1.00259	1.00259	?	?	?	0.000154726	1.91817	1.91817	0.0945025	1.20287	1.20287	0.00902623	1.39595	1.39595	0.00260289	1.52074	1.52074	0.0740745	0.818693	-1.22146	0.44492	0.924722	-1.08141	10.0174	1.4243	0.142182	1
cg19099833	CSRP1;CSRP1;CSRP1;CSRP1	0.000210422	0.115574	1.5377	1.5377	0.000105809	5.59518	5.59518	0.0140598	2.14378	2.14378	0.00453541	2.58871	2.58871	0.027198	1.93002	1.93002	0.000253896	4.55565	4.55565	0.140852	0.67138	-1.48947	2.12E-05	8.62714	8.62714	0.722533	1.09382	1.09382	18.1197	18.1569	0.890712	1
cg01301323	CSRP2	0.000515215	0.773909	0.953191	-1.04911	0.0118414	1.68711	1.68711	0.301514	0.836799	-1.19503	0.563818	1.102	1.102	7.34E-06	0.193004	-5.18124	0.0757565	0.719652	-1.38956	0.841969	1.03378	1.03378	0.68556	0.934493	-1.0701	0.849213	0.968816	-1.03219	14.1721	6.21824	0.390014	1
cg10582318	CSRP2	0.000979784	2.08E-05	0.103508	-9.66111	0.50571	1.19523	1.19523	0.874074	1.04278	1.04278	0.422355	0.805377	-1.24165	0.897168	0.966429	-1.03474	0.00110917	0.281057	-3.558	0.0832781	0.602682	-1.65925	0.619509	1.14133	1.14133	0.800053	1.06932	1.06932	11.8348	13.0731	0.981891	1
cg09874177	CSRP2	0.0030204	0.506034	0.931689	-1.07332	0.0400169	0.779679	-1.28258	0.215593	0.872259	-1.14645	0.0420381	1.27847	1.27847	0.0415953	1.27935	1.27935	0.101362	1.20695	1.20695	0.000213081	0.522738	-1.913	0.023042	0.752	-1.32979	0.794201	0.972959	-1.02779	8.54095	1.48736	0.154796	1
cg00331237	CSRP2	0.00429505	0.0474597	0.56778	-1.76125	0.0606361	0.589765	-1.69559	0.555055	1.1607	1.1607	0.875461	0.961604	-1.03993	0.00961973	0.44124	-2.26634	0.276899	1.32618	1.32618	0.00908874	0.437159	-2.2875	0.00095546	3.41656	3.41656	0.20367	1.39783	1.39783	7.68551	7.5851	0.877275	1
cg24007917	CSRP2	0.0111725	0.931958	1.00851	1.00851	0.00257505	0.66063	-1.51371	0.498419	1.07056	1.07056	0.553313	0.942246	-1.06129	0.848068	1.01921	1.01921	0.00929338	0.720811	-1.38733	0.968249	0.996059	-1.00396	0.485149	1.0729	1.0729	0.00474105	1.45079	1.45079	5.70383	0.888996	0.138542	1
cg01473602	CSRP2	0.0300862	0.018311	0.225479	-4.435	0.0599118	0.331441	-3.01713	0.131092	0.428246	-2.33511	0.0964384	0.386923	-2.58449	0.00474333	0.142102	-7.03718	0.045572	0.303401	-3.29597	0.00735378	0.165754	-6.03302	0.227627	0.517436	-1.93261	0.0479529	0.308433	-3.2422	4.08267	17.4997	3.81007	1
cg14405753	CSRP2	0.0387384	0.631497	0.906702	-1.1029	0.838943	1.04211	1.04211	0.299549	1.24347	1.24347	0.679576	1.08783	1.08783	0.69111	0.922241	-1.08431	0.0105558	1.91937	1.91937	0.00318368	0.442031	-2.26228	0.895169	0.973634	-1.02708	0.928382	0.981945	-1.01839	3.72677	2.42462	0.578308	1
cg26994885	CSRP2	0.0484502	0.554239	0.843068	-1.18614	0.0276303	0.475633	-2.10246	0.146898	0.64132	-1.55928	0.0298386	0.4822	-2.07383	0.405141	0.784237	-1.27513	0.193535	0.675313	-1.4808	0.00625592	0.361806	-2.76391	0.260574	1.39771	1.39771	0.0689054	0.559406	-1.78761	3.42884	4.42174	1.14629	1
cg03251675	CSRP2BP;CSRP2BP	0.000348222	0.227274	0.751704	-1.33031	0.0376396	0.581012	-1.72113	0.88336	1.03361	1.03361	0.70638	1.08895	1.08895	7.28E-05	0.196841	-5.08023	1.67E-05	0.136327	-7.33529	0.0463066	0.598102	-1.67196	0.322926	1.25847	1.25847	0.0744961	0.639277	-1.56427	15.7913	12.6802	0.713766	1
cg11564623	CSRP2BP;CSRP2BP	0.0125238	0.13503	0.554672	-1.80287	0.425728	1.34654	1.34654	0.336768	0.696076	-1.43663	0.489498	1.29281	1.29281	0.688484	1.15885	1.15885	0.0017362	0.195154	-5.12416	0.00140496	0.184157	-5.43015	0.654953	0.848278	-1.17886	0.0888726	0.503344	-1.98671	5.49663	11.6495	1.88391	1
cg11183371	CSRP2BP;PET117;CSRP2BP	0.00938443	0.000761714	0.241818	-4.13534	0.113382	0.619132	-1.61516	0.402243	1.26942	1.26942	0.258632	0.720366	-1.38818	0.236036	0.707829	-1.41277	0.0344951	0.503494	-1.98612	0.0124963	0.421143	-2.37449	0.0431967	1.9103	1.9103	0.364949	0.771776	-1.29571	6.03166	7.39802	1.09025	1
cg19216731	CSRP3;CSRP3	0.00291428	0.00230667	0.375434	-2.66359	0.0267854	0.546843	-1.82868	0.000559179	0.291923	-3.42556	0.00487912	0.423828	-2.35945	0.00876632	0.463919	-2.15555	0.00110883	0.330986	-3.02127	0.0123215	0.488212	-2.04829	0.0393005	0.577757	-1.73083	0.0811812	0.640966	-1.56015	8.63207	7.23582	0.745109	1
cg14704941	CSRP3;CSRP3	0.0286459	0.0458793	0.525481	-1.90302	0.98191	0.993645	-1.0064	0.613333	0.86652	-1.15404	0.00120691	0.263692	-3.79231	0.0605588	0.551584	-1.81296	0.668063	0.885777	-1.12895	0.890556	1.03947	1.03947	0.806753	1.07134	1.07134	0.0220728	0.46216	-2.16375	4.15423	5.20131	1.11293	1
cg02872236	CSRP3;CSRP3	0.0322182	0.0649756	0.628914	-1.59004	0.23148	1.32429	1.32429	0.174419	1.3817	1.3817	0.918103	1.02328	1.02328	0.00839088	0.470675	-2.12461	0.0223989	0.542112	-1.84464	0.0476837	0.602428	-1.65995	0.930571	1.01969	1.01969	0.0999283	0.668007	-1.49699	3.98417	3.16033	0.705086	1
cg05609445	CSRP3;CSRP3	0.0411	0.643928	1.11705	1.11705	0.0214527	0.518346	-1.92921	0.150965	0.693489	-1.44198	0.898243	0.970032	-1.03089	0.145707	0.68971	-1.44988	0.986334	1.00408	1.00408	0.00524036	2.40077	2.40077	0.264966	1.31823	1.31823	0.63272	0.891809	-1.12132	3.64645	3.26626	0.79621	1
cg26854096	CST1	0.000474469	0.00237668	0.446944	-2.23742	0.10427	0.713501	-1.40154	0.00147467	0.41802	-2.39223	0.297582	0.814438	-1.22784	0.10794	0.716477	-1.39572	0.15742	0.750231	-1.33292	0.177082	1.31352	1.31352	1.07E-05	0.167518	-5.96951	0.018861	0.582353	-1.71717	14.4997	8.29722	0.508654	1
cg22981961	CST1	0.00132883	0.00119093	0.481538	-2.07668	0.105847	1.31219	1.31219	0.00180017	0.50515	-1.97961	0.230424	0.824053	-1.21351	0.999536	1.00009	1.00009	0.234379	0.825528	-1.21135	0.0152532	1.58136	1.58136	0.000292048	0.403255	-2.47982	0.479328	0.895288	-1.11696	10.8507	4.06563	0.333056	1
cg08430598	CST1	0.0128011	0.331941	0.784925	-1.27401	0.578948	1.14524	1.14524	0.0285292	0.535149	-1.86864	0.459684	1.19977	1.19977	0.114465	0.660109	-1.5149	0.995138	1.00148	1.00148	0.343428	1.26634	1.26634	0.000508971	0.268832	-3.71979	0.0329404	0.546893	-1.82851	5.45755	5.05934	0.824031	1
cg07942990	CST11;CST11	2.86E-08	0.00361791	0.767681	-1.30262	7.63E-09	0.200011	-4.99973	7.64E-09	0.20004	-4.999	0.763188	1.02049	1.02049	1.30E-06	0.434303	-2.30254	0.172251	1.10246	1.10246	4.49E-07	0.384097	-2.60351	7.00E-08	0.296832	-3.36891	9.36E-07	0.418931	-2.38703	180.501	12.8843	0.0634498	1
cg26055120	CST11;CST11	4.52E-07	6.68E-09	0.211798	-4.72148	0.000266373	0.683129	-1.46385	8.79E-06	0.541108	-1.84806	0.0217344	0.839136	-1.1917	0.181261	0.913606	-1.09456	0.18165	1.09446	1.09446	0.00354789	1.28606	1.28606	0.000496526	0.706814	-1.4148	9.23E-05	0.641211	-1.55955	89.7649	5.76196	0.0570573	1
cg06489008	CST11;CST11	6.50E-05	0.000177707	0.373265	-2.67906	0.0907416	1.33521	1.33521	0.0271961	0.666623	-1.5001	0.000103074	0.344404	-2.90357	0.000232482	0.387732	-2.5791	5.45E-05	0.311553	-3.20973	0.000135838	0.358948	-2.78592	5.70E-05	0.313827	-3.18647	0.050443	0.707599	-1.41323	24.8382	9.46693	0.338795	1
cg06197930	CST11;CST11	0.000323811	0.689485	0.935367	-1.0691	6.30E-05	0.25682	-3.89377	0.0473131	1.47009	1.47009	0.129208	0.758951	-1.31761	1.68E-05	0.189337	-5.28159	0.52469	0.898187	-1.11335	0.168501	0.781667	-1.27932	0.209429	0.801157	-1.24819	0.109803	0.745513	-1.34136	20.3183	8.70485	0.333218	1
cg12480562	CST11;CST11	0.000559196	0.0112065	0.646211	-1.54748	0.858918	0.975851	-1.02475	0.000119705	0.396906	-2.51949	0.256821	0.849928	-1.17657	0.000903264	0.505469	-1.97836	0.0742288	0.760858	-1.31431	4.02E-05	0.340403	-2.9377	0.430974	0.895445	-1.11676	0.0559648	0.742702	-1.34644	13.8531	4.14146	0.265739	1
cg13141791	CST11;CST11	0.0432478	0.0533454	0.543276	-1.84068	0.0143206	0.431932	-2.31518	0.233604	0.7067	-1.41503	0.898501	0.965147	-1.03611	0.401596	0.787691	-1.26953	0.535987	0.840112	-1.19032	0.317472	0.750319	-1.33277	0.0018913	0.294027	-3.40105	0.869781	1.04667	1.04667	3.57819	4.37928	1.0879	1
cg10938286	CST2	2.41E-05	0.00020375	0.318747	-3.13728	0.144358	0.749819	-1.33366	0.0201888	0.597866	-1.67261	0.324356	1.20549	1.20549	9.46E-07	0.092885	-10.766	0.0194705	0.595358	-1.67966	0.480993	0.876754	-1.14057	8.54E-06	0.168934	-5.91948	0.0139184	0.572434	-1.74693	32.271	17.2318	0.474642	1
cg26623575	CST2	0.000328735	0.000169568	0.237143	-4.21686	0.0573407	1.62214	1.62214	0.000550567	0.299073	-3.34367	0.213346	0.744646	-1.34292	0.0132908	0.501448	-1.99423	0.0582896	0.617886	-1.61842	0.911201	0.975211	-1.02542	3.58E-05	0.166388	-6.01005	0.0107673	0.486316	-2.05628	16.043	12.863	0.712698	1
cg21777364	CST2	0.000388865	0.000428918	0.31162	-3.20904	0.0651971	0.648503	-1.54201	0.00174771	0.3932	-2.54323	0.455937	0.853117	-1.17217	0.0257789	0.5747	-1.74004	0.358921	0.820901	-1.21817	0.013995	0.530004	-1.88678	9.10E-06	0.134123	-7.45584	0.019038	0.5522	-1.81094	15.3189	10.6189	0.616166	1
cg25128583	CST2	0.00452743	0.00261529	0.119786	-8.34821	0.305579	0.58267	-1.71624	0.141069	0.446659	-2.23884	0.0564792	0.333055	-3.00251	0.00281725	0.123074	-8.12519	0.011533	0.200169	-4.99579	0.00439994	0.14429	-6.93047	0.00101061	0.0834409	-11.9845	0.00891748	0.183774	-5.44148	7.56376	31.0541	3.64946	1
cg24076399	CST3	0.000642925	3.95E-05	0.230762	-4.33347	0.572058	0.898996	-1.11235	0.433704	1.16064	1.16064	0.0889433	0.704783	-1.41888	0.61127	0.908839	-1.10031	0.641087	0.916169	-1.0915	0.000222321	0.317761	-3.14702	0.0585199	1.48971	1.48971	0.199676	1.28747	1.28747	13.3243	7.33894	0.489593	1
cg14029169	CST3	0.00856027	0.475789	1.15963	1.15963	0.00693552	0.489896	-2.04125	0.213843	0.765427	-1.30646	0.635414	0.907059	-1.10246	0.000316062	0.303668	-3.29307	0.855519	1.03793	1.03793	0.238449	1.28683	1.28683	0.0788267	0.671244	-1.48977	0.840553	0.959693	-1.042	6.21013	4.10277	0.58725	1
cg26518898	CST3	0.0227093	0.0883696	0.62031	-1.6121	0.00279569	0.351177	-2.84757	0.0223517	0.498962	-2.00416	0.219693	0.720509	-1.38791	0.035349	0.536654	-1.8634	0.0421303	0.551734	-1.81247	0.507019	1.18646	1.18646	0.0119341	0.450757	-2.21849	0.123958	0.654985	-1.52675	4.50455	4.60227	0.908171	1
cg16589663	CST3	0.0469691	0.938728	1.01324	1.01324	0.00606904	1.84597	1.84597	0.568364	1.10367	1.10367	0.0941043	0.72987	-1.37011	0.161697	0.774414	-1.2913	0.0815307	0.718718	-1.39137	0.0844722	0.721452	-1.38609	0.537905	1.1126	1.1126	0.787252	1.04736	1.04736	3.46927	1.60809	0.412022	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14024653	CST3;CST3	0.00133139	0.0017555	1.88967	1.88967	0.2701	1.17811	1.17811	0.00275961	1.80296	1.80296	0.675653	0.941705	-1.0619	0.824555	1.0322	1.0322
cg25965576	CST4	0.00191025	0.00195649	0.2917	-3.42817	0.221119	1.43608	1.43608	0.00610526	0.365264	-2.73774	0.0811788	0.580416	-1.7229	0.206735	0.687496	-1.45455
cg07707641	CST4	0.00562271	0.00288552	0.215656	-4.63701	0.00302291	0.21834	-4.58002	0.0105493	0.299843	-3.33508	0.460342	1.32499	1.32499	0.0144872	0.323739	-3.08891
cg22238692	CST4	0.00644253	0.00260869	0.118929	-8.40839	0.141273	0.445812	-2.2431	0.0375515	0.291664	-3.4286	0.0824367	0.374432	-2.67071	0.00510412	0.151119	-6.61729
cg24875415	CST4	0.00867809	0.0144886	0.384284	-2.60224	0.277561	0.698726	-1.43118	0.0113478	0.365545	-2.73564	0.109996	0.575183	-1.73858	0.00207719	0.252552	-3.95958
cg20479054	CST4	0.015177	0.14633	0.706633	-1.41516	0.340259	0.803429	-1.24467	0.00169789	0.368474	-2.7139	0.0303947	0.567411	-1.76239	0.00945875	0.480783	-2.07994
cg13974790	CST4	0.0240524	0.0134269	0.391867	-2.55189	0.186477	0.651426	-1.53509	0.0771909	0.5481	-1.82449	0.082024	0.554507	-1.8034	0.0157333	0.404235	-2.47381
cg02882813	CST5	6.61E-05	0.000422188	0.35937	-2.78265	0.0119414	1.77648	1.77648	0.00317892	0.478042	-2.09187	0.100714	0.719396	-1.39006	0.106403	0.723989	-1.38124
cg04922320	CST5	0.000412306	0.0554055	0.670406	-1.49163	0.384206	1.17858	1.17858	0.000440312	0.359766	-2.77959	0.0118913	0.560913	-1.78281	6.31E-05	0.257549	-3.88276
cg22262704	CST5	0.00120681	0.0342788	0.527942	-1.89415	0.107721	0.635078	-1.57461	0.00339351	0.356942	-2.80158	0.139388	0.662703	-1.50897	0.00546896	0.388681	-2.5728
cg01454519	CST5	0.00412579	0.0280468	0.3707	-2.6976	0.0304063	0.377924	-2.64603	0.0148996	0.318159	-3.14308	0.342754	0.688108	-1.45326	0.00162055	0.17767	-5.62842
cg02349785	CST6	5.49E-05	0.841421	1.04003	1.04003	0.00398344	2.13513	2.13513	5.80E-05	0.232124	-4.30805	0.0582823	1.5209	1.5209	0.281879	1.245	1.245
cg05057976	CST6	0.000271243	0.0117378	0.398694	-2.50819	0.0040858	3.08218	3.08218	0.122373	0.613205	-1.63078	0.553363	1.19142	1.19142	0.0130514	0.40675	-2.45851
cg22524514	CST6	0.000406374	0.00507386	0.476636	-2.09804	0.0376452	1.61984	1.61984	0.0143288	0.546638	-1.82937	0.301442	1.23881	1.23881	0.00112488	0.383239	-2.60934
cg19088912	CST6	0.000617683	0.151191	0.473897	-2.11016	0.00397077	0.152513	-6.55683	0.00427261	0.156315	-6.39734	0.0550139	0.347729	-2.87581	0.00183522	0.116639	-8.57348
cg07539927	CST6	0.000887984	0.00387878	0.264912	-3.77484	0.00687983	0.302698	-3.30362	0.137019	0.578669	-1.7281	0.782537	1.0991	1.0991	0.0180583	0.374992	-2.66673
cg24238564	CST6	0.00126467	0.0773776	0.617722	-1.61885	0.000371346	4.04529	4.04529	0.365033	0.795835	-1.25654	0.752772	0.925398	-1.08062	0.660582	0.897253	-1.11451
cg15887846	CST6	0.00131266	0.174013	0.653067	-1.53124	0.639183	0.870122	-1.14926	0.00107316	0.240897	-4.15116	0.393541	0.772991	-1.29368	0.000882839	0.230308	-4.34201
cg04327181	CST6	0.00881494	0.924159	1.03272	1.03272	0.303484	1.43385	1.43385	0.455543	0.773385	-1.29302	0.919366	1.03483	1.03483	0.298426	0.694593	-1.43969
cg09482611	CST6	0.0105378	0.430113	1.52863	1.52863	0.00567221	6.76779	6.76779	0.509516	0.702883	-1.42271	0.683664	0.805841	-1.24094	0.0313897	0.26441	-3.782
cg02208848	CST6	0.0435942	0.305653	1.23283	1.23283	0.646121	0.912806	-1.09552	0.205861	1.30127	1.30127	0.693252	1.08137	1.08137	0.738264	0.935965	-1.06842
cg11804789	CST7	0.00087627	0.991172	1.00327	1.00327	0.000572778	0.207593	-4.81712	0.106823	0.595049	-1.68054	0.442239	1.25988	1.25988	2.95E-05	0.0895129	-11.1716
cg27526549	CST7	0.000926324	0.638546	0.8368	-1.19503	0.0240732	0.363046	-2.75447	0.0110609	0.301201	-3.32005	0.000809571	0.149167	-6.70388	6.28E-05	0.0623235	-16.0453
cg27641239	CST7	0.0043387	0.206325	0.527755	-1.89482	0.0438006	0.329207	-3.0376	0.00377304	0.153482	-6.51541	0.0161318	0.243786	-4.10195	0.000385278	0.0661406	-15.1193
cg26450106	CST7	0.00505299	0.00228164	0.0361586	-27.6559	0.0519892	0.178997	-5.5867	0.00453463	0.052726	-18.966	0.329262	0.456802	-2.18913	0.00509629	0.0561099	-17.8222
cg09971811	CST7;CST7	0.00176324	0.0928093	0.598053	-1.67209	0.442761	1.24302	1.24302	0.00177166	0.29012	-3.44685	0.410589	0.791437	-1.26353	0.000323262	0.198564	-5.03617
cg19394282	CST8	2.56E-05	1.93E-06	0.195341	-5.11925	0.042373	0.723444	-1.38228	0.000355016	0.451985	-2.21247	0.845016	0.973263	-1.02747	0.0476932	0.730839	-1.36829
cg11879776	CST8	0.000804725	0.00045162	0.159802	-6.25775	0.00347996	0.268473	-3.72476	0.000412384	0.155784	-6.41916	0.00897683	0.332222	-3.01004	0.414742	0.758456	-1.31847
cg02051975	CST8	0.000983839	?	?	?	0.475168	0.852517	-1.173	0.0100253	0.48957	-2.04261	?	?	?	0.482778	0.854931	-1.16968
cg23033024	CST8	0.00196132	9.00E-05	0.182389	-5.48278	0.0972309	0.642665	-1.55602	0.129039	0.671352	-1.48953	0.444633	1.2084	1.2084	0.0178858	0.497003	-2.01206
cg11350680	CST8	0.00376756	0.00144492	0.43892	-2.27832	0.212027	1.26506	1.26506	0.0458978	0.664149	-1.50569	0.603346	1.09829	1.09829	0.311897	0.829358	-1.20575
cg11835442	CST8	0.00620107	0.0641601	0.728634	-1.37243	0.00155556	0.500436	-1.99826	0.00234274	0.523932	-1.90864	0.156311	0.793901	-1.2596	0.0991447	0.759471	-1.31671
cg05348770	CST8	0.0180522	0.152293	0.55603	-1.79846	0.574432	1.24256	1.24256	0.00129569	0.16631	-6.01286	0.847695	1.07637	1.07637	0.032728	0.384294	-2.60217
cg09953122	CST8	0.0390748	0.00234438	0.477056	-2.09619	0.766491	0.94942	-1.05327	0.216954	0.797388	-1.25409	0.23755	0.806018	-1.24067	0.865644	1.02995	1.02995
cg16261823	CST8;CST8	0.000632809	0.00542299	0.534857	-1.86966	0.600415	0.913585	-1.09459	6.41E-05	0.284568	-3.5141	0.000843617	0.423838	-2.35939	0.328559	1.1882	1.1882
cg07473985	CST9	2.46E-05	0.00522627	0.613262	-1.63062	0.35978	0.882538	-1.1331	0.000170983	0.428364	-2.33446	0.000740206	0.506612	-1.9739	0.425532	0.897637	-1.11404
cg24168221	CST9	0.00245911	0.0607121	0.396047	-2.52495	0.00521444	0.198968	-5.02592	0.0440136	0.362863	-2.75586	0.377033	0.672288	-1.48746	0.00281629	0.164888	-6.06472
cg19477190	CST9	0.0150333	0.0105626	0.566981	-1.76373	0.00557375	0.526094	-1.9008	0.333549	0.838653	-1.19239	0.598533	0.910529	-1.09826	0.124088	0.745437	-1.34149
cg25271734	CST9	0.0340797	0.300775	1.2375	1.2375	0.197683	1.31077	1.31077	0.943048	1.0143	1.0143	0.0387249	1.60921	1.60921	0.0139715	0.546993	-1.82818
cg02445720	CST9	0.0388156	0.821358	0.955911	-1.04612	0.812082	1.04863	1.04863	0.000712024	2.79494	2.79494	0.239953	1.27802	1.27802	0.625854	0.90668	-1.10292
cg08648286	CST9L	1.29E-07	9.22E-09	0.0733364	-13.6358	0.128621	1.20121	1.20121	2.40E-07	0.17816	-5.61295	0.310861	0.889547	-1.12417	0.0237799	0.739932	-1.35147
cg27655855	CST9L	3.81E-05	5.17E-06	0.155279	-6.44003	0.488861	0.881197	-1.13482	1.43E-05	0.196946	-5.07752	0.230501	0.7975	-1.25392	0.261907	1.23421	1.23421
cg04982166	CST9L	0.00045406	0.000538864	0.185524	-5.39012	0.413449	1.2991	1.2991	0.0150042	0.392273	-2.54924	0.0195212	0.413368	-2.41915	0.000616814	0.19208	-5.20616
cg12184157	CST9L	0.00176476	0.000275134	0.0514306	-19.4437	0.00507553	0.157974	-6.33015	0.00368451	0.141508	-7.06672	0.723995	0.8381	-1.19318	0.00578261	0.165097	-6.05703
cg19331215	CST9L	0.00376576	0.00041239	0.0948222	-10.546	0.118478	0.490595	-2.03834	0.00809698	0.240564	-4.15689	0.0621841	0.413873	-2.4162	0.0584795	0.407285	-2.45528
cg12633918	CST9L	0.00582519	0.00244683	0.175269	-5.7055	0.0867447	0.457735	-2.18467	0.00459571	0.210497	-4.75065	0.172222	0.548694	-1.82251	0.00522169	0.218227	-4.58239
cg26645879	CST9L	0.00791885	0.00320187	0.0981712	-10.1863	0.00228655	0.0854396	-11.7042	0.0229662	0.208246	-4.80202	0.302125	0.539766	-1.85265	0.0518843	0.27916	-3.58217
cg02592239	CST9L	0.00938925	0.0041656	0.108531	-9.21396	0.538632	0.697657	-1.43337	0.0198135	0.196534	-5.08819	0.170154	0.429611	-2.32769	0.0181884	0.19047	-5.25017
cg01921212	CST9L	0.00942017	0.10516	0.665603	-1.5024	0.108664	0.668788	-1.49524	0.0687912	0.626093	-1.59721	0.169323	0.714178	-1.40021	0.00106442	0.328829	-3.04109
cg03669268	CST9L;CST9L	0.000640529	0.89817	0.973671	-1.02704	0.000178114	3.75619	3.75619	0.957721	1.01111	1.01111	0.95185	1.01266	1.01266	0.0175129	0.547397	-1.82683
cg16896618	CSTA	0.00106203	0.000788961	0.290085	-3.44727	0.533565	0.857424	-1.16628	0.00201733	0.345536	-2.89405	0.00113396	0.310916	-3.21631	0.120425	0.663036	-1.50821
cg18618429	CSTA	0.0012767	0.00844578	0.246486	-4.05702	0.00311052	0.185598	-5.38799	0.0322577	0.351974	-2.84112	0.000632538	0.11229	-8.90547	0.00245985	0.17309	-5.77736
cg26928972	CSTA	0.0132697	0.841327	0.931697	-1.07331	0.364581	0.719763	-1.38935	0.440636	0.757633	-1.3199	0.000440414	0.14097	-7.09369	0.346151	1.40836	1.40836
cg15893253	CSTB	0.0197948	0.0364021	1.28166	1.28166	0.772571	1.03001	1.03001	0.207961	1.14506	1.14506	0.816803	1.02396	1.02396	0.00436109	1.47487	1.47487
cg14756197	CSTB	0.0233682	0.384826	1.2395	1.2395	0.00675506	0.429065	-2.33065	0.228741	0.737573	-1.3558	0.378273	0.804256	-1.24339	0.00414621	0.396081	-2.52473
cg15249629	CSTB	0.0295144	0.431018	1.24926	1.24926	0.0134728	2.33276	2.33276	0.0530917	1.8378	1.8378	0.525348	0.836766	-1.19508	0.267263	0.726133	-1.37716
cg14095850	CSTB	0.0438547	0.348112	1.06266	1.06266	0.0499075	0.868763	-1.15106	0.175069	0.913261	-1.09498	0.792507	1.01672	1.01672	0.873483	1.01008	1.01008
cg05471521	CSTF1;AURKA;AURKA;CSTF1;CSTF1;AURKA;AURKA;AURKA;AURKA	0.0145492	0.0217534	0.35274	-2.83495	0.0417456	0.411492	-2.43018	0.0390602	0.40511	-2.46846	0.595611	1.22464	1.22464	0.0163875	0.329591	-3.03407
cg25912611	CSTF1;AURKA;AURKA;CSTF1;CSTF1;AURKA;AURKA;AURKA;AURKA	0.0190604	0.046114	0.34573	-2.89243	0.00327102	0.155189	-6.44377	0.103714	0.437386	-2.28631	0.65889	0.813451	-1.22933	0.053031	0.359958	-2.7781
cg15223275	CSTF1;CSTF1;CSTF1	0.000123761	0.000140959	0.320224	-3.12281	0.785517	1.04842	1.04842	0.260418	0.815894	-1.22565	0.00117253	0.437966	-2.28328	0.00178869	0.462821	-2.16066
cg18918007	CSTF1;CSTF1;CSTF1	0.00118783	0.589786	0.893999	-1.11857	0.000326317	0.302535	-3.30541	0.000286054	0.295444	-3.38473	0.512075	0.872071	-1.1467	0.242548	1.28631	1.28631
cg15747531	CSTF1;CSTF1;CSTF1	0.00141414	0.102123	0.750241	-1.3329	0.00157247	0.482251	-2.07361	0.000748338	0.439722	-2.27416	0.00430141	0.541599	-1.84638	0.00123542	0.46832	-2.13529
cg23597562	CSTF1;CSTF1;CSTF1	0.0307502	0.522654	1.10749	1.10749	0.0127123	0.613898	-1.62894	0.108409	0.758844	-1.31779	0.0560784	1.4063	1.4063	0.0340325	1.47678	1.47678
cg05002314	CSTF1;CSTF1;CSTF1	0.0357339	0.958123	1.03012	1.03012	0.706872	1.23799	1.23799	0.78132	1.1703	1.1703	0.822956	1.135	1.135	0.020448	0.20628	-4.84778
cg06712026	CSTF2T;PRKG1;PRKG1	0.0364189	0.157701	0.713638	-1.40127	0.465753	1.18031	1.18031	0.595941	1.12695	1.12695	0.24281	0.761114	-1.31386	0.051556	1.64034	1.64034
cg09534872	CSTF3	0.00337514	0.291257	0.770276	-1.29824	0.17819	0.711093	-1.40629	0.62747	0.889983	-1.12362	0.545459	0.864305	-1.157	4.08E-05	0.154785	-6.46056
cg14297518	CSTF3	0.0441872	0.884725	0.949312	-1.05339	0.00163687	0.198431	-5.03954	0.0194872	0.363305	-2.75251	0.518547	0.790826	-1.2645	0.641146	1.18331	1.18331
cg10706966	CSTF3;CSTF3;CSTF3	0.00156264	0.00519663	0.765676	-1.30604	0.000604129	0.681927	-1.46643	0.000273524	0.649462	-1.53974	0.0220103	0.819673	-1.22	0.0857378	0.871555	-1.14737
cg27308504	CSTF3;CSTF3;CSTF3	0.0112249	0.0928591	0.40211	-2.48688	0.470713	0.696601	-1.43554	0.108747	0.422358	-2.36766	0.00489581	6.27969	6.27969	0.0657955	0.361615	-2.76538
cg05567920	CSTF3;CSTF3;CSTF3;CSTF3;CSTF3;CSTF3	0.0162111	?	?	?	?	?	?	0.931425	0.955514	-1.04656	0.00162816	0.0448892	-22.2771	0.184037	0.460748	-2.17039
cg26790198	CSTL1	0.000413612	0.00290456	0.420066	-2.38058	0.5182	0.870391	-1.14891	5.61E-05	0.204586	-4.88791	0.349701	0.815466	-1.22629	0.000252238	0.278386	-3.59213
cg21000841	CSTL1	0.00041392	0.20868	1.20708	1.20708	0.0119444	0.640547	-1.56117	0.0118795	0.640226	-1.56195	0.658495	1.0652	1.0652	0.107101	0.778967	-1.28375
cg14938029	CSTL1	0.000942683	0.0498105	0.747126	-1.33846	0.0282548	0.713559	-1.40143	0.00668061	0.632249	-1.58166	0.000171815	0.435284	-2.29735	0.00091196	0.524116	-1.90797
cg07486862	CSTL1	0.00302234	0.294821	0.77297	-1.29371	0.08373	0.635308	-1.57404	0.000156155	0.215629	-4.6376	0.422805	0.823612	-1.21416	0.347673	0.795183	-1.25757
cg23928088	CSTL1;CSTL1	0.00778918	0.679596	0.931721	-1.07328	0.095368	0.731976	-1.36616	0.000178156	0.339137	-2.94866	0.262773	0.819696	-1.21997	0.533495	0.898173	-1.11337
cg16312552	CSTL1;CSTL1	0.0232463	0.0253922	0.263945	-3.78867	0.0435997	3.19976	3.19976	0.288249	0.575401	-1.73792	0.0229908	0.255819	-3.90902	0.106622	0.413459	-2.41862
cg15842722	CSTT	4.01E-06	3.61E-07	0.0784964	-12.7394	0.280743	0.823144	-1.21485	1.08E-05	0.195998	-5.1021	0.232125	0.804501	-1.24301	0.000759817	0.412365	-2.42504
cg22150051	CSTT	0.000146775	9.86E-06	0.0577954	-17.3024	0.0837381	0.563066	-1.77599	0.00044601	0.189641	-5.27313	0.031755	0.469805	-2.12854	0.0677034	0.541077	-1.84816
cg24045498	CSTT	0.00447399	0.00139636	0.310365	-3.22201	0.0413854	0.551842	-1.81211	0.000332769	0.231464	-4.32033	0.0190987	0.488306	-2.0479	0.0212325	0.496634	-2.01356
cg00327332	CSTT	0.0396137	0.0140543	0.125567	-7.9639	0.0190881	0.143498	-6.96873	0.246742	0.436526	-2.29082	0.112731	0.30681	-3.25934	0.0215622	0.151261	-6.61109
cg19432493	CT45A1	2.05E-05	0.323802	0.904609	-1.10545	0.0028973	0.668421	-1.49606	0.512382	0.936723	-1.06755	0.145615	0.857517	-1.16616	3.05E-07	0.229029	-4.36626
cg21647584	CT45A1	0.00159316	0.000226677	0.127007	-7.87361	0.422691	0.759061	-1.31742	0.00724745	0.311555	-3.20971	0.000301403	0.138309	-7.23018	0.0258483	0.410378	-2.43678
cg07998499	CT45A1	0.00757389	0.0813821	0.708749	-1.41094	0.891937	0.976068	-1.02452	0.0672873	0.693913	-1.4411	0.413908	0.861703	-1.16049	0.000253223	0.341391	-2.92919
cg03960747	CT45A1	0.00854987	0.00136876	0.280457	-3.56561	0.013126	0.430908	-2.32068	0.0193857	0.461268	-2.16794	0.0702047	0.574656	-1.74017	0.0329233	0.505186	-1.97947
cg05405674	CT45A6	0.00446889	0.00338644	0.560366	-1.78455	0.0306128	0.691265	-1.44662	0.0523349	0.725595	-1.37818	0.451838	0.894564	-1.11786	0.00134035	0.507889	-1.96894
cg24665612	CT45A6	0.00496181	0.694467	1.08	1.08	0.236925	0.785392	-1.27325	0.0326101	0.614144	-1.62828	0.152743	1.34792	1.34792	0.00013	0.273692	-3.65374
cg05579254	CT47A1;CT47A6	0.00354817	0.0734686	1.46769	1.46769	0.0286472	1.64269	1.64269	0.00332464	0.463697	-2.15658	0.0459034	0.644094	-1.55257	0.000838507	0.380594	-2.62747
cg03601619	CT47B1	0.00365765	0.953202	1.01932	1.01932	0.225806	0.66057	-1.51384	0.264212	0.684288	-1.46137	0.000549736	0.1739	-5.75044	0.000249103	0.139348	-7.17627
cg12772068	CT47B1	0.0112453	0.388753	1.36549	1.36549	0.870629	1.05917	1.05917	0.019033	0.367465	-2.72135	0.014581	0.346125	-2.88913	0.00165015	0.204212	-4.89687
cg03518772	CT47B1	0.0336079	0.63971	0.825466	-1.21144	0.255756	0.617135	-1.62039	0.0771477	0.449549	-2.22445	0.0662953	0.432586	-2.31168	0.00199353	0.169362	-5.90452
cg07946392	CT47B1	0.0364995	0.967961	1.01283	1.01283	0.113017	1.72921	1.72921	0.0272174	0.436112	-2.29299	0.782924	1.09165	1.09165	0.00482634	0.305104	-3.27757
cg18536669	CT47B1	0.048847	0.775077	0.88528	-1.12959	0.624256	0.810603	-1.23365	0.0621863	0.409424	-2.44245	0.0458535	0.377758	-2.6472	0.00316243	0.179927	-5.55781
cg12637920	CT62	0.0213703	0.953266	1.00561	1.00561	0.65872	0.958476	-1.04332	0.00193422	1.51978	1.51978	0.186165	1.14309	1.14309	0.0409274	1.25247	1.25247
cg18088653	CT62;CT62	0.0023957	7.55E-05	0.141209	-7.08171	0.0315612	0.529043	-1.8902	0.851678	1.04718	1.04718	0.14427	0.676701	-1.47776	0.101319	0.638869	-1.56527
cg00316759	CT62;CT62	0.00608046	0.0407154	2.44975	2.44975	0.00191944	5.28987	5.28987	0.0308761	2.61506	2.61506	0.467401	1.3237	1.3237	0.022485	2.8197	2.8197
cg20301593	CTAG2;CTAG2	6.56E-05	0.887347	0.978152	-1.02234	0.969273	0.994015	-1.00602	1.25E-05	0.238229	-4.19764	0.0106836	1.64892	1.64892	8.56E-06	0.221156	-4.5217
cg12600371	CTAG2;CTAG2	0.00040836	0.715867	1.05644	1.05644	0.208536	1.22035	1.22035	0.00316872	0.545806	-1.83215	8.89E-05	0.348524	-2.86925	0.000240315	0.401376	-2.49143
cg22675021	CTAG2;CTAG2	0.0105462	0.432445	1.20023	1.20023	0.646191	1.11105	1.11105	0.00336577	0.403049	-2.48109	0.384406	1.22529	1.22529	0.000711791	0.308973	-3.23653
cg05260949	CTAG2;CTAG2	0.0132566	0.636559	1.18579	1.18579	0.258043	0.655382	-1.52583	0.0147143	0.341313	-2.92986	0.179829	0.600532	-1.66519	0.000545692	0.146124	-6.84352
cg13726507	CTAG2;CTAG2	0.015046	0.703316	1.0992	1.0992	0.580644	0.871162	-1.14789	0.00513669	0.401058	-2.49341	0.443389	0.824343	-1.21309	0.000914126	0.293707	-3.40475
cg07123290	CTAGE1	1.35E-05	0.122503	0.774699	-1.29082	0.00558293	0.573963	-1.74227	2.49E-06	0.17559	-5.69509	0.574308	1.09043	1.09043	8.19E-06	0.226379	-4.41737
cg26397391	CTAGE1	6.01E-05	0.803193	1.04911	1.04911	0.131777	0.731736	-1.36661	0.000129133	0.278786	-3.58698	0.39566	1.18177	1.18177	2.68E-05	0.20338	-4.9169
cg24445674	CTAGE1	0.000110041	0.00512425	0.406648	-2.45913	0.017282	0.493792	-2.02514	0.00134155	0.321753	-3.10797	0.0103603	0.455786	-2.19401	4.58E-06	0.0772502	-12.945
cg20586124	CTAGE1	0.00453188	0.0488278	1.79067	1.79067	0.443049	1.22449	1.22449	0.00895923	0.422823	-2.36506	0.096571	1.60387	1.60387	0.271715	1.34485	1.34485
cg02958004	CTAGE1	0.0161512	0.00764094	2.29315	2.29315	0.00163606	2.9793	2.9793	0.639129	0.89199	-1.12109	0.709048	1.09495	1.09495	0.0726187	1.62376	1.62376
cg24261644	CTAGE1;CTAGE1	0.00101355	0.670746	1.04492	1.04492	0.0041033	0.673214	-1.48541	0.325326	0.900893	-1.11001	0.000233621	0.534105	-1.87229	0.00131661	0.618558	-1.61666
cg13935928	CTAGE1;CTAGE1	0.0340961	0.0981383	0.438197	-2.28208	0.459282	0.709859	-1.40873	0.0756043	0.406773	-2.45837	0.0484231	0.358601	-2.78861	0.0196848	0.277666	-3.60145
cg14308332	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.00144024	0.0145592	0.74369	-1.34465	0.0402967	0.792053	-1.26254	0.00392357	1.46516	1.46516	0.0148749	1.34283	1.34283	0.00649926	0.706043	-1.41634
cg04276288	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.0195995	0.0862695	0.801647	-1.24743	0.02902	0.740662	-1.35014	0.00150868	0.586674	-1.70452	0.0810987	0.798035	-1.25308	0.0145488	0.703914	-1.42063
cg01591470	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.0240507	0.573026	0.911144	-1.09752	0.053849	1.43001	1.43001	0.769061	0.953032	-1.04928	0.378701	1.15901	1.15901	0.0641016	0.711786	-1.40492
cg07944469	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.034115	0.109715	1.20861	1.20861	0.0955499	1.22013	1.22013	0.00856398	1.43969	1.43969	0.0920977	0.817523	-1.22321	0.42418	1.09274	1.09274
cg04645886	CTBP1;CTBP1	7.91E-05	0.049871	0.696621	-1.4355	0.299363	0.840427	-1.18987	0.468	1.12677	1.12677	0.418223	1.14305	1.14305	0.000384651	0.400207	-2.49871
cg26787204	CTBP1;CTBP1	0.000434587	0.747489	0.94579	-1.05732	0.108568	1.35257	1.35257	0.316973	0.836533	-1.19541	0.078097	1.4018	1.4018	0.167486	0.775799	-1.28899
cg03008339	CTBP1;CTBP1	0.000435425	0.054741	0.730461	-1.369	0.0781148	1.326	1.326	0.00334405	1.77827	1.77827	0.11474	0.78094	-1.28051	0.075414	0.751764	-1.33021
cg10752575	CTBP1;CTBP1	0.00277664	0.00587469	1.85418	1.85418	0.000136677	3.09608	3.09608	0.00153386	2.18326	2.18326	0.780707	1.04896	1.04896	0.0656462	1.42449	1.42449
cg18578119	CTBP1;CTBP1	0.00297793	0.953325	1.01646	1.01646	0.121419	0.625951	-1.59757	0.00338838	0.329063	-3.03893	0.653575	0.881583	-1.13432	0.00150858	0.27931	-3.58025
cg21641573	CTBP1;CTBP1	0.00575231	0.342972	1.24979	1.24979	0.810528	1.05635	1.05635	0.434723	0.833681	-1.1995	0.564438	1.14221	1.14221	0.00823903	0.462419	-2.16254
cg26894968	CTBP1;CTBP1	0.00681662	0.653677	0.930324	-1.07489	0.00235743	1.97088	1.97088	0.945549	1.01098	1.01098	0.138669	0.77498	-1.29036	0.0540594	0.704913	-1.41862
cg19062478	CTBP1;CTBP1	0.00716856	0.370198	1.26851	1.26851	0.00285876	0.346179	-2.88868	0.578569	0.864997	-1.15607	0.633084	1.13237	1.13237	0.491718	0.834853	-1.19782
cg17332708	CTBP1;CTBP1	0.011767	0.107784	0.598297	-1.67141	0.0236807	2.20461	2.20461	0.0933809	1.7163	1.7163	0.809071	1.07342	1.07342	0.00125769	0.251978	-3.9686
cg08209777	CTBP1;CTBP1	0.0128733	0.676351	0.947597	-1.0553	0.157196	1.21404	1.21404	0.00859279	0.650689	-1.53683	0.342079	1.13372	1.13372	0.576212	0.93016	-1.07508
cg20160197	CTBP1;CTBP1	0.0152192	0.857329	1.0497	1.0497	0.204633	0.697138	-1.43444	0.0804623	1.68641	1.68641	0.323042	0.759476	-1.3167	0.620317	0.874063	-1.14408
cg02650964	CTBP1;CTBP1	0.0168923	0.258037	1.34936	1.34936	0.931846	0.978518	-1.02195	0.875014	0.960825	-1.04077	0.166088	1.45489	1.45489	0.00079958	0.276589	-3.61547
cg17900047	CTBP1;CTBP1	0.0190054	0.424112	0.893164	-1.11961	0.000683029	2.05063	2.05063	0.418699	1.12116	1.12116	0.312979	1.1554	1.1554	0.0691436	1.32505	1.32505
cg13965224	CTBP1;CTBP1	0.0199457	0.622654	1.18791	1.18791	0.0378703	0.433505	-2.30678	0.0146076	0.352049	-2.84052	0.0228727	0.388587	-2.57343	0.0199897	0.377295	-2.65044
cg01942790	CTBP1;CTBP1	0.0201687	0.731606	1.1	1.1	0.0533043	1.8362	1.8362	0.433213	1.2478	1.2478	0.735355	1.09846	1.09846	0.00100858	0.259051	-3.86025
cg18436737	CTBP1;CTBP1	0.0224441	0.294627	0.830866	-1.20356	0.955989	0.990636	-1.00945	0.0192954	0.617287	-1.61999	0.680193	1.07321	1.07321	0.5215	0.895155	-1.11713
cg21241862	CTBP1;CTBP1	0.0227115	0.0411001	0.606894	-1.64773	0.164855	1.36885	1.36885	0.324351	1.2407	1.2407	0.576448	1.12702	1.12702	0.00101802	0.356138	-2.8079
cg04102427	CTBP1;CTBP1	0.0253977	0.75833	0.914842	-1.09308	0.00222406	3.44095	3.44095	0.02052	2.23662	2.23662	0.828856	0.939474	-1.06442	0.977525	0.991909	-1.00816
cg03685771	CTBP1;CTBP1	0.0267017	0.411135	1.25148	1.25148	0.00202437	0.312858	-3.19634	0.205265	0.699973	-1.42863	0.160724	0.670374	-1.4917	0.0156767	0.453568	-2.20474
cg01609081	CTBP1;CTBP1	0.0289393	0.552236	0.943	-1.06045	0.173741	1.15171	1.15171	0.539989	1.06242	1.06242	0.0137442	1.34622	1.34622	0.0136333	0.742441	-1.34691
cg24391931	CTBP1;CTBP1	0.031503	0.00764507	2.23102	2.23102	0.28399	1.29756	1.29756	0.0421911	0.578253	-1.72935	0.13026	0.682183	-1.46588	0.436785	0.830562	-1.204
cg02552079	CTBP1;CTBP1	0.0364139	0.234766	1.23821	1.23821	0.361973	0.851498	-1.1744	0.441779	1.14404	1.14404	0.00718233	0.551347	-1.81374	0.0259027	1.57416	1.57416
cg00814909	CTBP1;CTBP1	0.0370324	0.620575	0.861084	-1.16133	0.0316239	2.12816	2.12816	0.0296635	0.464299	-2.15378	0.531999	1.20892	1.20892	0.00753412	0.356789	-2.80278
cg09758273	CTBP1;CTBP1	0.0378792	0.54404	1.47683	1.47683	0.00534739	10.2723	10.2723	0.0163333	6.44975	6.44975	0.662793	1.32126	1.32126	0.146691	0.371942	-2.68859
cg24471922	CTBP1;CTBP1	0.0443501	0.291776	1.21792	1.21792	0.00200346	2.28702	2.28702	0.0477471	1.51336	1.51336	0.0989997	1.38931	1.38931	0.205186	0.785425	-1.2732
cg26479374	CTBP1;CTBP1;C4orf42	0.000638973	0.100642	2.88463	2.88463	2.81E-05	128.251	128.251	0.401274	1.65882	1.65882	0.0109729	6.55517	6.55517	0.00205545	0.0774524	-12.9112
cg16399632	CTBP1;CTBP1;C4orf42	0.00166246	0.757709	1.16231	1.16231	8.96E-05	30.1733	30.1733	0.636185	1.26063	1.26063	0.00300799	7.22362	7.22362	0.0968125	0.412307	-2.42537
cg23835219	CTBP1;CTBP1;C4orf42	0.0366075	0.208814	0.76305	-1.31053	0.43998	1.17439	1.17439	0.415498	1.18516	1.18516	0.0207401	1.76533	1.76533	0.032273	0.599438	-1.66823

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14024653	0.00102318	0.499119	-2.00353	0.0566387	0.734929	-1.36067	0.00221859	1.84388	1.84388	0.562443	1.08718	1.08718	10.8447	3.49946	0.286834	1
cg25965576	0.103967	0.606389	-1.64911	0.0227666	0.464425	-2.1532	7.79E-05	0.133724	-7.47808	0.0486398	0.53061	-1.88462	9.77162	12.2534	1.11465	1
cg07707641	0.0453973	0.423494	-2.36131	0.00579085	0.258373	-3.87037	0.0295225	0.383096	-2.61031	0.00722853	0.27317	-3.66073	7.0794	15.7152	1.9732	1
cg22238692	0.0119275	0.201449	-4.96404	0.00734403	0.171256	-5.83921	0.00145846	0.0956117	-10.459	0.0138675	0.21169	-4.7239	6.78805	28.0339	3.67101	1
cg24875415	0.0445431	0.480772	-2.07999	0.515065	0.810936	-1.23314	0.00121394	0.222306	-4.49831	0.0156176	0.390183	-2.5629	6.18334	9.87053	1.41894	1
cg20479054	0.0211385	0.539348	-1.85409	0.00481344	0.43474	-2.30023	0.231617	0.756237	-1.32234	0.111491	0.679744	-1.47114	5.16063	4.0533	0.698158	1
cg13974790	0.0441652	0.492839	-2.02906	0.0682996	0.535442	-1.86762	0.00163889	0.251563	-3.97514	0.193338	0.656234	-1.52385	4.41606	6.55018	1.31845	1
cg02882813	0.264645	0.808175	-1.23736	0.362188	1.18717	1.18717	1.42E-06	0.105442	-9.48388	0.030263	0.627105	-1.59463	24.7283	13.1425	0.472424	1
cg04922320	0.0483193	0.659996	-1.51516	0.316641	1.21004	1.21004	0.000145712	0.299974	-3.33362	0.0132803	0.568323	-1.75956	15.0737	8.09673	0.477461	1
cg22262704	0.376736	0.790881	-1.26441	0.032096	0.522373	-1.91434	2.42E-05	0.113593	-8.80337	0.00725023	0.408202	-2.44977	11.1538	11.8176	0.941794	1
cg01454519	0.0018716	0.185081	-5.40304	0.125928	0.530849	-1.88377	0.000750429	0.141507	-7.06678	0.00811794	0.273589	-3.65512	7.77948	18.0201	2.05899	1
cg02349785	0.495823	1.14512	1.14512	4.20E-06	0.124181	-8.05274	0.0966711	1.42954	1.42954	0.035998	1.61278	1.61278	25.9701	15.7926	0.540538	1
cg05057976	0.000207585	0.163006	-6.13476	5.32E-05	0.110409	-9.05724	0.0908102	0.580297	-1.72326	0.024166	2.19294	2.19294	16.9096	22.8519	1.20126	1
cg22524514	0.000290116	0.306602	-3.26155	0.00338666	0.450696	-2.21879	0.0271436	0.592667	-1.68729	0.00193888	2.40396	2.40396	15.1341	9.58964	0.563241	1
cg19088912	0.0202367	0.256818	-3.89381	1.63E-05	0.0134223	-74.5027	0.00186382	0.117287	-8.52611	0.0652384	0.366088	-2.73158	13.4742	50.303	3.31846	1
cg07539927	0.000536878	0.158934	-6.29194	4.92E-05	0.0739192	-13.5283	0.00928404	0.323913	-3.08725	0.0123768	0.345281	-2.89619	12.1688	22.4788	1.642	1
cg24238564	0.10889	0.65116	-1.53572	0.00338838	0.376247	-2.65783	0.598501	1.13925	1.13925	0.000652447	3.60454	3.60454	11.0055	10.493	0.847496	1
cg15887846	0.00149835	0.259664	-3.85113	0.000136335	0.143017	-6.99217	0.733929	0.904372	-1.10574	0.770816	0.917542	-1.08987	10.8888	14.9687	1.22194	1
cg04327181	0.382164	0.738568	-1.35397	0.305249	0.698404	-1.43184	0.0898115	0.531379	-1.88189	0.000205447	8.18958	8.18958	6.15278	11.1405	1.60946	1
cg09482611	0.0195093	0.225924	-4.42627	0.0069965	6.28321	6.28321	0.774863	1.16312	1.16312	0.0730204	2.86799	2.86799	5.81222	25.559	3.90885	1
cg02208848	0.311119	0.813187	-1.22973	0.00127386	2.5279	2.5279	0.50625	1.14235	1.14235	0.0743547	1.48045	1.48045	3.56757	2.20024	0.548207	1
cg11804789	0.861274	0.949734	-1.05293	0.115692	0.603998	-1.65564	0.755602	0.91205	-1.09643	0.00491684	0.333331	-3.00002	12.2145	16.8175	1.22386	1
cg27526549	0.889309	0.94891	-1.05384	0.0718124	0.469118	-2.13166	0.962107	0.982268	-1.01805	0.000575229	0.134434	-7.43859	12.0243	27.0068	1.99645	1
cg27641239	0.794482	0.882346	-1.13334	0.0547266	0.351775	-2.84273	0.263933	1.74778	1.74778	0.00496597	0.168082	-5.94948	7.66203	27.8978	3.23649	1
cg26450106	0.437264	0.539754	-1.8527	0.000620179	0.0165951	-60.2589	0.373921	0.49153	-2.03446	0.0154497	0.0990457	-10.0964	7.31501	70.1532	8.52472	1
cg09971811	0.00276206	0.317366	-3.15094	0.000692123	0.237075	-4.21807	0.902481	1.03466	1.03466	0.0612437	0.556401	-1.79727	10.0014	12.2397	1.08782	1
cg19394282	0.498897	1.09972	1.09972	0.223858	1.19357	1.19357	9.90E-06	0.268527	-3.72401	0.000195952	0.420125	-2.38025	31.7492	9.64204	0.269951	1
cg11879776	0.00695799	0.314145	-3.18325	0.00105588	0.200613	-4.98473	0.000423851	0.156989	-6.36986	0.00372628	0.272765	-3.66615	12.5113	21.792	1.54825	1
cg02051975	0.676933	0.912043	-1.09644	0.238753	0.762529	-1.31142	2.64E-05	0.160996	-6.21132	0.00761848	0.470513	-2.12534	12.4559	7.40787	0.679688	1
cg23033024	0.874976	1.03899	1.03899	0.91366	1.0267	1.0267	0.000763515	0.289756	-3.45118	0.0435071	0.568969	-1.75756	9.6969	9.0628	0.830762	1
cg11350680	0.905904	0.979073	-1.02137	0.372359	0.848911	-1.17798	0.00020108	0.327642	-3.05211	0.0480353	0.667514	-1.4981	7.99524	4.05049	0.450322	1
cg11835442	0.0129124	0.625167	-1.59957	0.656218	1.07057	1.07057	0.0015159	0.498963	-2.00416	0.260331	0.836366	-1.19565	6.86883	2.51988	0.326096	1
cg05348770	0.0353933	0.391534	-2.55406	0.21921	0.609832	-1.6398	0.441942	0.740736	-1.35001	0.00727431	0.26577	-3.76265	4.87038	11.3013	2.06259	1
cg09953122	0.89867	0.978041	-1.02245	0.0340055	1.53925	1.53925	0.132031	0.753283	-1.32752	0.794081	1.04664	1.04664	3.71497	1.78719	0.427624	1
cg16261823	0.034011	1.52677	1.52677	0.257281	1.22406	1.22406	0.00416659	0.518594	-1.92829	0.668055	0.928886	-1.07656	13.3835	6.19823	0.411666	1
cg07473985	0.349721	1.13626	1.13626	0.152332	1.22565	1.22565	4.61E-07	0.151791	-6.58799	0.00321718	0.586511	-1.705	32.0785	8.94773	0.24794	1
cg24168221	0.157441	0.515711	-1.93907	0.000481954	0.0908649	-11.0054	0.000440458	0.0879058	-11.3758	0.00729048	0.219628	-4.55315	9.07596	27.5812	2.70126	1
cg19477190	0.495393	1.12989	1.12989	0.027114	1.58645	1.58645	0.0350503	0.648408	-1.54224	0.0366083	0.651511	-1.53489	5.1769	2.55168	0.43813	1
cg25271734	0.347423	0.82508	-1.212	0.134384	1.37825	1.37825	0.0132924	1.83985	1.83985	0.270533	1.25608	1.25608	3.90454	2.4425	0.556048	1
cg02445720	0.747925	0.937736	-1.0664	0.136672	1.37667	1.37667	0.909711	1.02288	1.02288	0.860911	0.965639	-1.03558	3.72405	2.34445	0.559593	1
cg08648286	0.620078	0.945744	-1.05737	0.00813368	0.685113	-1.45961	1.89E-07	0.168856	-5.92222	6.99E-07	0.222569	-4.493	123.312	24.3345	0.175414	1
cg27655855	0.672726	0.926423	-1.07942	0.214759	0.790639	-1.2648	0.000152616	0.310927	-3.21619	7.46E-05	0.274167	-3.64741	28.606	14.6589	0.455502	1
cg04982166	0.540985	1.21372	1.21372	0.973835	0.989788	-1.01032	5.03E-05	0.0926111	-10.7978	0.00172602	0.246768	-4.05239	14.6772	22.7692	1.37896	1
cg12184157	0.456892	0.685623	-1.45853	0.177018	0.489288	-2.04378	0.000601463	0.0716296	-13.9607	0.00542139	0.161543	-6.19029	9.99894	39.297	3.49344	1
cg19331215	0.963427	0.980918	-1.01945	0.782214	0.890088	-1.12348	0.00232506	0.167487	-5.97062	0.00178366	0.154371	-6.47791	7.99639	22.3591	2.48547	1
cg12633918	0.935652	1.03392	1.03392	0.733217	0.868205	-1.1518	0.0014295	0.148795	-6.72065	0.0108298	0.266615	-3.75073	7.00273	18.9247	2.40221	1
cg26645879	0.792129	1.16457	1.16457	0.0440053	0.263169	-3.79984	0.00362675	0.103254	-9.68489	0.0105204	0.15617	-6.40329	6.36453	33.5377	4.68397	1
cg02592239	0.176836	0.435956	-2.29381	0.0141183	0.173482	-5.76429	0.00159435	0.0728178	-13.7329	0.00537471	0.120066	-8.32873	6.03067	31.9424	4.70814	1
cg01921212	0.64396	0.898527	-1.11293	0.409726	1.21389	1.21389	0.140738	0.694695	-1.43948	0.000915761	0.320072	-3.1243	6.02436	5.04322	0.744123	1
cg03669268	0.016789	1.83708	1.83708	0.000172467	0.264577	-3.77962	0.778388	0.942899	-1.06056	0.0804761	0.667618	-1.49786	13.3382	9.17444	0.611404	1
cg16896618	0.867799	1.04148	1.04148	0.000118417	0.193339	-5.17227	0.553969	1.15725	1.15725	0.0362117	0.552032	-1.81149	11.5672	10.9027	0.83782	1
cg18618429	0.00569431	0.220894	-4.52705	0.000135615	0.0638648	-15.6581	0.0246967	0.328326	-3.04575	0.0107033	0.262937	-3.80319	10.9757	30.1442	2.44128	1
cg26928972	0.84633	0.93381	-1.07088	0.109127	1.85269	1.85269	0.426819	1.33159	1.33159	0.0301982	0.406749	-2.45852	5.39381	10.6419	1.75376	1
cg15893253	0.109063	1.19517	1.19517	0.0359811	0.779659	-1.28261	0.0410309	1.27197	1.27197	0.128644	0.845729	-1.18241	4.72107	0.778358	0.14655	1
cg14756197	0.617053	0.885606	-1.12917	0.0112048	0.464942	-2.1508	0.374726	1.24551	1.24551	0.337443	0.787963	-1.26909	4.46035	4.10208	0.817489	1
cg15249629	0.822299	1.06427	1.06427	0.0228793	0.47054	-2.12522	0.371152	0.77548	-1.28952	0.0253148	2.08816	2.08816	4.11056	4.99157	1.0794	1
cg14095850	0.00806616	1.23798	1.23798	0.159337	1.09924	1.09924	0.131944	1.10771	1.10771	0.116345	0.898208	-1.11333	3.55966	0.223135	0.0557195	1
cg05471521	0.671167	0.850815	-1.17534	0.001944	0.19047	-5.25016	0.00743023	0.271336	-3.68547	0.149885	0.557646	-1.79325	5.23317	11.8627	2.01496	1
cg25912611	0.242611	0.566474	-1.76531	0.00353988	0.159242	-6.27974	0.00794942	0.205652	-4.86257	0.421354	0.682663	-1.46485	4.78193	16.3584	3.04078	1
cg15223275	0.000993583	0.428341	-2.33459	9.43E-06	0.190799	-5.24113	0.0836816	1.39351	1.39351	0.00591958	0.535784	-1.86642	20.9111	9.95078	0.422988	1
cg18918007	0.534893	0.878646	-1.13811	0.00365461	2.24622	2.24622	0.303615	1.24526	1.24526	0.293401	0.799017	-1.25154	11.2043	7.52021	0.596611	1
cg15747531	0.00719935	0.572832	-1.74571	0.0717091	1.38123	1.38123	0.254904	1.21037	1.21037	0.0565533	0.707011	-1.4144	10.6587	4.35505	0.363191	1
cg23597562	0.34848	0.858906	-1.16427	0.19417	1.24166	1.24166	0.071181	1.3738	1.3738	0.365025	1.15797	1.15797	4.05109	1.5931	0.349557	1
cg05002314	0.953009	0.967247	-1.03386	0.00290002	0.0989111	-10.1101	0.408791	1.61191	1.61191	0.0254513	0.222973	-4.48485	3.83816	19.4117	4.4956	1
cg06712026	0.0123122	0.498507	-2.00599	0.00779527	0.466316	-2.14447	0.4718	0.849201	-1.17758	0.547639	0.872938	-1.14556	3.81177	3.01099	0.70215	1
cg09534872	0.68318	0.906832	-1.10274	0.639284	1.11908	1.11908	0.77123	1.07196	1.07196	0.0190516	0.50844	-1.9668	8.26307	7.43363	0.799663	1
cg14297518	0.822036	0.922397	-1.08413	0.391628	1.36987	1.36987	0.920142	0.964681	-1.03661	0.412247	0.740371	-1.35067	3.54964	7.22799	1.81001	1
cg10706966	0.0203493	0.816743	-1.22438	0.00538378	0.767011	-1.30376	0.281004	1.08449	1.08449	0.469826	1.05467	1.05467	10.3568	0.859549	0.0737723	1
cg27308504	0.286757	1.72466	1.72466	0.231298	0.538677	-1.8564	0.00418874	6.62041	6.62041	0.433879	0.674726	-1.48208	5.69522	21.8972	3.41763	1
cg05567920	?	?	?	?	?	?	0.708595	1.22026	1.22026	0.0616471	0.2991	-3.34336	8.78022	19.8143	2.2567	1
cg26790198	0.00273642	0.416299	-2.40212	0.000166899	0.257042	-3.89041	0.0173858	0.541331	-1.8473	0.0374864	0.599562	-1.66788	15.0605	10.7114	0.6322	1
cg21000841	0.00210086	0.540982	-1.84849	8.12E-06	0.250406	-3.99351	0.901543	1.01773	1.01773	0.171455	0.813218	-1.22968	15.0574	4.80911	0.283897	1
cg14938029	0.459909	0.906618	-1.103	0.00400038	0.604116	-1.65531	0.000171052	0.435049	-2.29859	0.360072	0.884618	-1.13043	11.9649	3.21697	0.238993	1
cg07486862	0.00282155	0.377196	-2.65114	0.149095	1.44297	1.44297	0.0654909	0.612629	-1.63231	0.00424584	0.403718	-2.47698	8.53931	7.59764	0.790867	1
cg23928088	0.539479	0.899616	-1.11159	0.0337824	1.52516	1.52516	0.493617	0.888355	-1.12568	0.605888	1.09267	1.09267	6.39764	2.93818	0.408232	1
cg16312552	0.032079	0.284006	-3.52105	0.0385924	0.300871	-3.32368	0.0225073	0.254109	-3.93531	0.0857146	0.385924	-2.59119	4.46841	17.7846	3.53784	1
cg15842722	0.189053	0.785425	-1.2732	0.941843	1.01275	1.01275	1.20E-06	0.113139	-8.83872	6.36E-05	0.278835	-3.58635	51.3773	24.5197	0.42422	1
cg22150051	0.149781	0.629138	-1.58948	0.315597	1.36532	1.36532	4.05E-05	0.095252	-10.4985	0.00366887	0.307624	-3.25072	19.9736	28.4887	1.26784	1
cg24045498	0.153033	0.679292	-1.47212	0.012656	0.45693	-2.18852	0.0466996	0.562405	-1.77808	0.0159602	0.474432	-2.10778	7.59106	7.67777	0.899043	1
cg00327332	0.0724144	0.253613	-3.94301	0.0198449	0.145934	-6.8524	0.0172543	0.137342	-7.28109	0.109284	0.3027	-3.3036	3.69632	27.4175	6.59335	1
cg19432493	0.621569	0.952228	-1.05017	0.000733895	1.65662	1.65662	0.0134825	0.740148	-1.35108	0.0988177	0.836899	-1.19489	33.6532	5.1586	0.136255	1
cg21647584	0.00380512	0.268801	-3.72022	0.616556	1.18524	1.18524	0.437447	0.765951	-1.30557	0.020622	0.391217	-2.55613	10.2992	18.4829	1.5952	1
cg07998499	0.260046	1.23289	1.23289	0.17463	1.29344	1.29344	0.0311795	0.637225	-1.5693	0.625983	1.09148	1.09148	6.45415	3.2462	0.447079	1
cg03960747	0.244098	1.39591	1.39591	0.0683219	1.74826	1.74826	0.870039	0.956173	-1.04584	0.887686	1.03944	1.03944	6.21252	7.3708	1.05462	1
cg05405674	0.864096	0.975406	-1.02521	0.00411676	1.74957	1.74957	0.244114	0.837669	-1.19379	0.533196	0.912343	-1.09608	7.59368	2.54108	0.29745	1
cg24665612	0.768598	1.0592	1.0592	0.159035	1.34103	1.34103	0.0947733	0.699097	-1.43042	0.743295	0.937943	-1.06616	7.35579	4.42769	0.535052	1
cg05579254	0.923087	1.01874	1.01874	0.0382433	1.5868	1.5868	0.89758	0.975545	-1.02507	0.509816	0.879375	-1.13717	8.14043	4.76545	0.52036	1
cg03601619	0.341631	0.726565	-1.37634	0.132585	1.69732	1.69732	0.773498	0.910219	-1.09864	0.470361	0.787097	-1.27049	8.06662	13.5769	1.49609	1
cg12772068	0.661654	1.16801	1.16801	0.816047	1.08565	1.08565	0.601914	1.20396	1.20396	0.00721798	0.294419	-3.39652	5.69189	11.2121	1.75097	1
cg03518772	0.064302	0.429254	-2.32962	0.59075	1.24714	1.24714	0.151434	1.86887	1.86887	0.68979	0.849399	-1.1773	3.92421	10.2869	2.33012	1
cg07946392	0.975097	1.00996	1.00996	0.235301	1.48429	1.48429	0.463236	0.788938	-1.26753	0.0493746	0.490594	-2.03834	3.80871	6.08118	1.41925	1
cg18536669	0.240634	0.593031	-1.68625	0.0313602	0.341637	-2.92709	0.918667	1.0444	1.0444	0.0666495	0.417005	-2.39805	3.41827	9.7938	2.54679	1
cg12637920	0.3439	1.09749	1.09749	0.0540272	0.811668	-1.23203	0.83718	0.980558	-1.01983	0.0285663	1.27952	1.27952	4.59947	0.663151	0.12816	1
cg18088653	0.626417	0.886089	-1.12856	0.0310559	0.527644	-1.89522	0.0244764	1.97117	1.97117	0.39851	1.23815	1.23815	10.8464	10.1967	0.73119	1
cg00316759	0.038557	2.48141	2.48141	0.000546558	7.66587	7.66587	0.00599418	3.9042	3.9042	0.20013	1.67073	1.67073	6.91067	15.7408	2.02467	1
cg20301593	0.0249763	1.51545	1.51545	0.0900255	0.747369	-1.33803	0.0594484	0.717797	-1.39315	0.0354329	0.682719	-1.46473	24.7722	9.52897	0.341924	1
cg12600371	0.012633	1.59312	1.59312	0.0513596	1.39543	1.39543	0.185339	0.809804	-1.23487	0.0596916	0.726747	-1.37599	15.1137	5.40014	0.3176	1
cg22675021	0.486579	0.851249	-1.17474	0.248218	1.31653	1.31653	0.321174	0.791757	-1.26301	0.841567	1.04665	1.04665	5.81074	4.77631	0.730649	1
cg05260949	0.122009	1.82226	1.82226	0.438282	1.32717	1.32717	0.534205	0.798209	-1.2528	0.879026	0.946931	-1.05604	5.39556	10.9531	1.80447	1
cg13726507	0.335443	1.27829	1.27829	0.165195	1.44184	1.44184	0.471223	0.834298	-1.19861	0.724415	0.91622	-1.09144	5.17546	5.00824	0.86017	1
cg07123290	0.315081	1.17171	1.17171	0.0628559	1.3761	1.3761	1.85E-05	0.264295	-3.78365	0.000140241	0.366834	-2.72602	37.5325	13.8315	0.327574	1
cg26397391	0.0535652	1.52334	1.52334	0.00156048	2.3937	2.3937	0.136212	0.734731	-1.36104	2.89E-05	0.206721	-4.83744	25.3542	14.8017	0.51893	1
cg24445674	0.250377	0.746567	-1.33946	0.863615	0.959028	-1.04272	0.000119564	0.19459	-5.13901	0.000211947	0.221695	-4.51069	21.5806	20.2372	0.833555	1
cg20586124	0.909631	1.02984	1.02984	0.00976469	2.33075	2.33075	0.0105055	0.434382	-2.30212	0.00384208	0.364611	-2.74265	7.56151	8.03056	0.944028	1
cg02958004	0.147124	1.45721	1.45721	0.215129	0.729219	-1.37133	0.295473	1.30026	1.30026	0.183867	0.710918	-1.40663	5.05515	4.68927	0.824553	1
cg24261644	0.000272072	0.541618	-1.84632	0.545426	1.0649	1.0649	0.162387	0.85789	-1.16565	0.00711327	0.699567	-1.42946	11.7217	1.96048	0.148669	1
cg13935928	0.0901251	0.427643	-2.3384	0.00417881	0.174567	-5.72847	0.0135928	0.249411	-4.00945	0.0507968	0.36348	-2.75118	3.90386	12.7885	2.91187	1
cg14308332	0.183821	1.14884	1.14884	0.743219	1.03288	1.03288	0.000720962	0.602714	-1.65916	0.0740717	0.822106	-1.21639	10.6029	1.62612	0.136325	1
cg04276288	0.0460601	0.765924	-1.30561	0.706922	1.04505	1.04505	0.0459907	0.76584	-1.30576	0.0636797	0.784116	-1.27532	4.73698	1.02092	0.191574	1
cg01591470	0.0633608	0.710945	-1.40658	0.00327992	0.519588	-1.9246	0.371106	1.16191	1.16191	0.132084	1.30418	1.30418	4.41617	1.86737	0.375864	1
cg07944469	0.0960545	0.819878	-1.21969	0.023805	1.34061	1.34061	0.988593	0.998448	-1.00155	0.609572	1.05756	1.05756	3.90308	0.72986	0.166218	1
cg04645886	0.252868	0.824457	-1.21292	1.06E-06	0.127438	-7.84693	0.431846	1.13844	1.13844	0.450665	0.88318	-1.13227	23.5711	9.75257	0.367778	1
cg26787204	0.674963	0.929816	-1.07548	3.21E-05	0.247646	-4.03802	0.863009	0.970642	-1.03025	8.80E-05	0.297452	-3.36189	14.8562	7.00449	0.419098	1
cg03008339	0.672347	0.94052	-1.06324	1.70E-05	0.280127	-3.56981	0.0691973	0.745971	-1.34054	0.0713319	1.33688	1.33688	14.8483	4.88666	0.292539	1
cg10752575	0.354663	1.17713	1.17713	0.0499092	1.46665	1.46665	0.884452	0.975403	-1.02522	0.571237	0.906649	-1.10296	8.75664	4.0679	0.412934	1
cg18578119	0.299977	0.741065	-1.34941	0.00170139	0.286403	-3.49158	0.00544912	2.77322	2.77322	0.311378	0.74662	-1.33937	8.57693	10.5731	1.09577	1
cg21641573	0.0023153	0.378598	-2.64132	0.00098714	0.327096	-3.0572	0.117342	1.47435	1.47435	0.162183	0.711334	-1.40581	7.02994	5.79965	0.733328	1
cg26894968	0.000916258	0.452777	-2.20859	0.0927932	0.74396	-1.34416	0.603925	0.919712	-1.0873	0.880287	0.976187	-1.02439	6.67005	2.70167	0.36004	1
cg19062478	0.000486825	0.243415	-4.10822	0.0714942	0.594396	-1.68238	0.117834	1.55108	1.55108	0.597369	0.8713	-1.14771	6.56618	6.94716	0.940463	1
cg17332708	0.0625632	0.541488	-1.84676	0.148523	0.635349	-1.57394	0.352879	1.32287	1.32287	0.591014	0.853184	-1.17208	5.60904	7.61063	1.20609	1
cg08209777	0.00736911	1.557	1.557	0.00414764	1.63678	1.63678	0.341969	0.882023	-1.13376	0.803325	1.03251	1.03251	5.44754	1.41826	0.231422	1
cg20160197	0.0243685	0.485224	-2.06091	0.0473007	1.84359	1.84359	0.00213458	3.19941	3.19941	0.229091	0.711637	-1.40521	5.15589	5.93238	1.02276	1
cg02650964	0.252512	0.738271	-1.35452	0.0244943	1.97449	1.97449	0.855213	1.04746	1.04746	0.735684	0.917578	-1.08983	4.98005	5.0836	0.907372	1
cg17900047	0.0674812	1.32783	1.32783	0.0352843	1.40399	1.40399	0.350642	0.875501	-1.1422	0.549451	1.08744	1.08744	4.7866	1.45219	0.269676	1
cg13965224	0.402437	0.742687	-1.34646	0.00320452	0.247399	-4.04205	0.65298	1.17014	1.17014	0.752098	1.11629	1.11629	4.70891	8.98845	1.69673	1
cg01942790	0.737466	0.911077	-1.0976	0.0717997	1.74439	1.74439	0.402975	1.26733	1.26733	0.216469	1.43337	1.43337	4.69115	5.6931	1.07874	1
cg18436737	0.763927	0.949952	-1.05268	0.000626723	0.408038	-2.45075	0.0441692	0.674271	-1.48308	0.301772	0.833293	-1.20006	4.52279	2.08147	0.409082	1
cg21241862	0.459535	1.17301	1.17301	0.463981	0.853901	-1.1711	0.734502	1.0748	1.0748	0.223461	0.762592	-1.31132	4.5044	3.20323	0.632118	1
cg04102427	0.589387	0.854577	-1.17017	0.0563783	0.536284	-1.86468	0.181379	1.50561	1.50561	0.394409	0.777577	-1.28605	4.33336	5.70837	1.17094	1
cg03685771	0.732229	0.912402	-1.09601	0.421674	0.803249	-1.24494	0.0913221	1.64269	1.64269	0.79026	0.93132	-1.07375	4.25822	4.80475	1.00298	1
cg01609081	0.449643	1.07809	1.07809	0.0227541	1.3048	1.3048	0.201833	0.876749	-1.14058	0.42658	0.923827	-1.08245	4.1393	0.624439	0.134094	1
cg24391931	0.0151878	0.497614	-2.00959	0.917808	0.976132	-1.02445	0.671649	1.10493	1.10493	0.541223	0.865243	-1.15574	4.01629	3.48379	0.771036	1
cg02552079	0.059274	1.44097	1.44097	0.856202	1.03161	1.03161	0.62488	1.08822	1.08822	0.0910146	1.37628	1.37628	3.81196	1.77699	0.414365	1
cg00814909	0.523463	1.21385	1.21385	0.978339	0.991896	-1.00817	0.172736	1.54482	1.54482	0.28279	0.715698	-1.39724	3.78865	5.39016	1.26463	1
cg09758273	0.334495	0.531544	-1.88131	0.28082	0.490792	-2.03752	0.126562	2.85575	2.85575	0.746634	0.813978	-1.22853	3.75751	23.9903	5.67523	1
cg24471922	0.880531	1.02732	1.02732	0.972079	0.993747	-1.00629	0.867189	0.970447	-1.03045	0.875225	1.02856	1.02856	3.85987	1.92194	0.387278	1
cg26479374	0.0795583	0.317784	-3.14679	0.949861	0.963632	-1.03774	0.290772	1.90761	1.90761	0.998429	0.998841	-1.00116	13.3473	73.3634	4.88577	1
cg16399632	0.101736	0.418626	-2.38876	0.0284918	0.284653	-3.51305	0.5248	1.36787	1.36787	0.989651	1.00632	1.00632	10.1733	38.0666	3.32607	1
cg23835219	0.397725	0.837993	-1.19333	0.0144438	0.540487	-1.85018	0.176534	0.745829	-1.34079	0.390939	1.19653	1.19653	3.80461	2.51046	0.58653	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23000734	CTBP2	0.0473936	0.568319	1.25922	1.25922	0.0197835	3.07981	3.07981	0.43982	0.729856	-1.37013	0.565886	0.792968	-1.26108	0.016609	0.310609	-3.21948
cg22964496	CTBP2;CTBP2	0.000156658	0.668418	0.901892	-1.10878	0.160002	0.697839	-1.43299	0.00317104	0.380621	-2.62728	0.433627	0.825739	-1.21104	6.24E-05	0.170676	-5.85904
cg20256567	CTBP2;CTBP2	0.000419386	0.0535529	0.735815	-1.35904	0.00887095	1.59368	1.59368	0.985764	0.997507	-1.0025	0.0137461	1.53148	1.53148	3.16E-05	0.321485	-3.11056
cg00753287	CTBP2;CTBP2	0.00169643	0.0280918	0.447844	-2.23292	0.0120125	2.63871	2.63871	0.234152	1.47146	1.47146	0.209647	1.50605	1.50605	0.093648	0.564967	-1.77001
cg24440625	CTBP2;CTBP2	0.00230433	0.931436	0.985852	-1.01435	0.617774	0.920072	-1.08687	0.0520574	1.44188	1.44188	0.436403	1.14051	1.14051	0.000103018	0.320503	-3.1201
cg27485619	CTBP2;CTBP2	0.00273985	0.0123201	0.360191	-2.77631	0.192096	1.57205	1.57205	0.11867	0.574104	-1.74185	0.686105	1.14238	1.14238	0.00633924	0.312116	-3.20393
cg15409004	CTBP2;CTBP2	0.00474995	0.135516	0.698795	-1.43103	0.425988	1.19852	1.19852	0.317865	1.2586	1.2586	0.685538	1.09492	1.09492	0.836187	0.954924	-1.0472
cg15970457	CTBP2;CTBP2	0.00675081	0.0583202	0.554202	-1.8044	0.0854574	0.591858	-1.68959	0.181045	0.675863	-1.47959	0.0635381	1.77807	1.77807	0.0725719	0.575405	-1.73791
cg18856501	CTBP2;CTBP2	0.014676	0.78411	0.94694	-1.05603	0.0540952	0.647904	-1.54344	0.00404587	0.4647	-2.15193	0.698102	1.08045	1.08045	0.00635986	0.494051	-2.02408
cg00424785	CTBP2;CTBP2	0.0153175	0.0113393	0.382422	-2.61491	0.16868	1.56	1.56	0.0261891	0.449444	-2.22497	0.58211	1.18354	1.18354	0.0412228	0.489683	-2.04214
cg09872760	CTBP2;CTBP2	0.0168011	0.0992344	0.76566	-1.30606	0.0105615	0.621728	-1.60842	0.0520587	0.72142	-1.38616	0.105852	1.29821	1.29821	0.0210066	0.663509	-1.50714
cg25965774	CTBP2;CTBP2	0.0170964	0.232045	1.72072	1.72072	0.0380966	2.83194	2.83194	0.0191867	3.41103	3.41103	0.0323207	2.96028	2.96028	0.911698	0.953099	-1.04921
cg05882699	CTBP2;CTBP2	0.0247346	0.206175	2.16285	2.16285	0.00807308	7.11926	7.11926	0.0242742	4.72813	4.72813	0.412225	1.62421	1.62421	0.108012	2.75796	2.75796
cg04080353	CTBP2;CTBP2	0.0351748	0.160685	1.64423	1.64423	0.111897	1.77625	1.77625	0.152749	0.601566	-1.66233	0.17302	1.61799	1.61799	0.758615	0.902769	-1.1077
cg16174644	CTBP2;CTBP2	0.047507	0.257161	0.797978	-1.25317	0.940295	0.985807	-1.0144	0.0108378	1.84155	1.84155	0.423584	1.16879	1.16879	0.117057	0.722604	-1.38388
cg02399019	CTBP2;CTBP2	0.0478874	0.867051	0.942292	-1.06124	0.885454	1.05247	1.05247	0.0578344	0.467267	-2.14011	0.377378	1.37897	1.37897	0.00236481	0.222165	-4.50116
cg01213599	CTBP2;CTBP2;CTBP2	0.000626951	0.116876	1.31791	1.31791	0.0570749	0.705491	-1.41745	0.399184	1.15012	1.15012	?	?	?	0.0347013	0.671018	-1.49027
cg23311929	CTBP2;CTBP2;CTBP2	0.00211095	0.799262	1.06312	1.06312	0.000347734	0.251142	-3.98181	0.717214	0.916342	-1.0913	0.00124932	3.10306	3.10306	0.0566821	0.595627	-1.6789
cg07048415	CTBP2;CTBP2;CTBP2	0.00333049	0.0532854	0.647482	-1.54445	0.0273467	1.67674	1.67674	0.0955748	1.43687	1.43687	0.261146	1.26113	1.26113	0.00359723	0.458204	-2.18243
cg17014214	CTBP2;CTBP2;CTBP2	0.00462271	0.00132413	0.361441	-2.76671	0.0116961	0.503348	-1.9867	0.0545321	0.621701	-1.60849	0.375678	0.820274	-1.2191	0.00438349	0.436437	-2.29128
cg09349613	CTBP2;CTBP2;CTBP2	0.00483624	0.646469	0.870426	-1.14886	9.11E-05	8.17687	8.17687	0.295311	0.721723	-1.38557	0.801092	1.07881	1.07881	0.936176	1.02436	1.02436
cg12685995	CTBP2;CTBP2;CTBP2	0.0156724	0.0482349	1.45632	1.45632	0.924222	1.01597	1.01597	0.0998764	1.35022	1.35022	0.0796639	1.38253	1.38253	0.00166049	0.472681	-2.11559
cg26275480	CTBP2;CTBP2;CTBP2	0.0201801	0.0162712	0.402605	-2.48382	0.0182032	0.411596	-2.42957	0.0863361	0.556167	-1.79802	0.106557	0.579471	-1.72571	0.00339583	0.291381	-3.43193
cg02872914	CTBP2;CTBP2;CTBP2	0.0290447	0.0144265	0.312781	-3.19712	0.123921	1.90077	1.90077	0.40733	1.38642	1.38642	0.153955	0.55524	-1.80102	0.0177495	0.329133	-3.03828
cg09127448	CTBP2;CTBP2;CTBP2	0.0487094	0.100244	3.33828	3.33828	0.823826	1.16097	1.16097	0.981013	0.984196	-1.01606	0.145754	2.84481	2.84481	0.401268	0.562652	-1.7773
cg26882204	CTBS	0.000990219	0.0505012	0.432283	-2.3133	0.0340676	0.394267	-2.53635	0.00426693	0.23724	-4.21514	0.0711716	0.468418	-2.13485	0.000959316	0.157114	-6.36479
cg14791530	CTBS	0.00248293	0.00771184	0.247147	-4.04617	0.0325589	0.360043	-2.77745	0.0784859	0.450202	-2.22123	0.0524462	0.406352	-2.46092	0.00242039	0.178243	-5.61032
cg16692196	CTBS	0.0212773	0.215644	0.696097	-1.43658	0.0856678	0.589744	-1.69565	0.960487	1.01387	1.01387	0.324177	1.32716	1.32716	0.767037	0.920733	-1.08609
cg08324636	CTCF	0.000125367	0.0885137	0.894185	-1.11834	0.00674662	1.23249	1.23249	0.894698	1.00791	1.00791	0.622219	0.970874	-1.03	0.00162976	0.76441	-1.3082
cg10218542	CTCF	0.000343893	0.146738	1.46813	1.46813	0.0649925	1.66673	1.66673	6.26E-06	0.0830265	-12.0444	0.749208	0.92397	-1.08229	0.234822	0.735645	-1.35935
cg23858565	CTCF	0.0016244	0.000128004	0.402232	-2.48613	0.00794201	0.62792	-1.59256	0.578314	1.07979	1.07979	0.194609	0.828953	-1.20634	0.000862363	0.504631	-1.98165
cg06829695	CTCF	0.0294142	0.657319	0.883142	-1.13232	0.0296559	0.490396	-2.03917	0.0312138	0.494777	-2.02111	0.11926	0.624645	-1.60091	0.0706265	0.56988	-1.75475
cg08395748	CTCF	0.0342498	0.393161	1.17107	1.17107	0.0472382	0.663731	-1.50663	0.172482	0.769401	-1.29971	0.284107	0.818001	-1.22249	0.0373498	0.646474	-1.54685
cg00716961	CTCF	0.0475883	0.575629	1.13854	1.13854	0.558053	0.872935	-1.14556	0.56786	1.14162	1.14162	0.276572	0.771338	-1.29645	0.11883	0.678154	-1.47459
cg25721806	CTCFL	0.00121016	1.56E-05	0.273831	-3.65189	0.129594	0.788571	-1.26812	0.277461	0.848883	-1.17802	0.76876	0.958137	-1.04369	0.251827	0.840591	-1.18964
cg20835555	CTCFL	0.0144082	0.0535112	0.621066	-1.61013	0.0146758	0.520726	-1.9204	0.0005434	0.311109	-3.2143	0.250491	0.770417	-1.298	0.107977	0.683219	-1.46366
cg14264994	CTCFL	0.0168979	0.0216166	0.722743	-1.38362	0.0485367	1.30379	1.30379	0.69935	1.04674	1.04674	0.969803	1.00447	1.00447	0.600069	1.06426	1.06426
cg25397426	CTCFL	0.0406213	0.0183887	0.639682	-1.56328	0.8444	0.969775	-1.03117	0.0128449	0.617182	-1.62027	0.40178	0.874561	-1.14343	0.00681519	0.578387	-1.72895
cg25300757	CTDP1;CTDP1	1.80E-05	0.47458	0.907436	-1.10201	0.0177199	0.680295	-1.46995	0.0419264	1.36773	1.36773	0.313647	1.14935	1.14935	8.07E-07	0.171209	-5.84082
cg23441888	CTDP1;CTDP1	3.93E-05	2.52E-06	0.182233	-5.48747	0.0480307	0.713241	-1.40205	0.412192	0.882169	-1.13357	0.956753	1.00814	1.00814	2.30E-05	0.28189	-3.54748
cg07105409	CTDP1;CTDP1	0.00113444	0.582224	1.0658	1.0658	0.227867	1.15624	1.15624	0.00957697	1.45678	1.45678	0.49837	0.924196	-1.08202	0.0061475	0.663672	-1.50677
cg13226362	CTDP1;CTDP1	0.00125219	0.201837	0.843316	-1.1858	0.000635576	0.515058	-1.94153	0.00104957	0.541678	-1.84612	0.0673977	1.29582	1.29582	0.00360728	0.607614	-1.64578
cg13480046	CTDP1;CTDP1	0.0014704	0.18652	0.705779	-1.41687	0.284049	0.758109	-1.31907	0.103284	0.641846	-1.55801	0.458475	1.20665	1.20665	8.77E-05	0.173871	-5.75139
cg16944405	CTDP1;CTDP1	0.00168639	0.00480151	0.66359	-1.50695	0.011474	0.707104	-1.41422	0.000646669	0.563577	-1.77438	0.635833	0.949071	-1.05366	0.000195374	0.503305	-1.98687
cg05350020	CTDP1;CTDP1	0.0017139	0.122381	0.810855	-1.23327	0.0134917	0.681818	-1.46667	0.00827431	0.655166	-1.52633	0.950572	1.00779	1.00779	9.94E-05	0.421033	-2.37511
cg01589580	CTDP1;CTDP1	0.00209484	0.0027905	0.132667	-7.53767	0.00522256	0.164315	-6.08588	0.00874991	0.194606	-5.13858	0.044081	0.321829	-3.10724	0.00200111	0.117919	-8.48043
cg13090456	CTDP1;CTDP1	0.00259268	0.563145	0.932423	-1.07247	0.501357	0.921563	-1.08511	0.261106	0.86911	-1.1506	0.307861	1.13467	1.13467	0.0122479	0.688312	-1.45283
cg12233418	CTDP1;CTDP1	0.00261516	0.144297	0.787035	-1.27059	0.25979	0.835689	-1.19662	0.00193905	0.51192	-1.95343	0.114756	1.2994	1.2994	0.000221142	0.390836	-2.55862
cg21095808	CTDP1;CTDP1	0.00303911	0.870129	1.05427	1.05427	0.377356	1.33987	1.33987	0.00985736	0.348735	-2.8675	0.00367751	3.5547	3.5547	0.00343615	0.277033	-3.60968
cg13601309	CTDP1;CTDP1	0.00323176	0.00387429	0.213845	-4.67629	0.00225365	0.183581	-5.4472	0.00256647	0.190541	-5.24823	0.153695	0.545736	-1.83239	0.0216768	0.335224	-2.98308
cg25063864	CTDP1;CTDP1	0.00333552	0.645186	1.06652	1.06652	0.0021651	1.81824	1.81824	0.0340349	1.41008	1.41008	0.455773	0.899865	-1.11128	0.00537354	0.601012	-1.66386
cg01490290	CTDP1;CTDP1	0.00486495	0.0409289	0.682521	-1.46516	0.00137541	0.471713	-2.11993	0.0143179	0.613293	-1.63054	0.577783	1.0953	1.0953	0.00284507	0.514277	-1.94448
cg14838972	CTDP1;CTDP1	0.00609428	0.339503	1.10949	1.10949	0.540193	1.06763	1.06763	0.0158503	0.732083	-1.36597	0.0638657	0.802654	-1.24587	0.801545	0.97377	-1.02694
cg16288572	CTDP1;CTDP1	0.00709725	0.0237323	0.511113	-1.95652	0.291323	0.761676	-1.31289	0.0398762	0.553984	-1.80511	0.0510626	1.73749	1.73749	0.00134137	0.313908	-3.18564
cg12432983	CTDP1;CTDP1	0.00742598	0.0428005	1.66481	1.66481	0.237406	0.762934	-1.31073	0.960875	0.989333	-1.01078	0.553161	1.14013	1.14013	0.454422	1.18125	1.18125
cg27151480	CTDP1;CTDP1	0.00769968	0.0799438	0.765221	-1.30681	0.384536	0.884448	-1.13065	0.00290474	1.75715	1.75715	0.710873	0.950013	-1.05262	0.0752986	0.761289	-1.31356
cg19030090	CTDP1;CTDP1	0.00791328	0.0447384	0.727978	-1.37367	0.0989827	0.779396	-1.28304	0.700461	1.05471	1.05471	0.0823903	0.767114	-1.30359	0.00419645	0.589532	-1.69626
cg16776331	CTDP1;CTDP1	0.00860763	0.0658545	0.627917	-1.59257	0.018135	0.523641	-1.90971	0.487425	1.17242	1.17242	0.764798	1.06999	1.06999	0.00640445	0.449437	-2.225
cg13817822	CTDP1;CTDP1	0.00925437	0.724266	1.13661	1.13661	0.00378905	0.24364	-4.10442	0.0757888	0.489445	-2.04313	0.882285	0.947843	-1.05503	0.287552	1.49064	1.49064
cg20360947	CTDP1;CTDP1	0.0123254	0.681139	0.951263	-1.05123	0.874846	1.01924	1.01924	0.189946	0.845454	-1.1828	0.11537	1.22999	1.22999	0.0142923	1.44102	1.44102
cg15941665	CTDP1;CTDP1	0.0133206	0.00974327	0.528786	-1.89112	0.00223344	0.434078	-2.30373	0.0112143	0.538311	-1.85766	0.320823	0.818795	-1.22131	0.29298	0.808456	-1.23693
cg19143282	CTDP1;CTDP1	0.0187777	0.790779	0.902733	-1.10775	0.126254	1.8901	1.8901	0.380407	1.41377	1.41377	0.186608	1.71394	1.71394	0.00286459	0.206194	-4.8498
cg18591013	CTDP1;CTDP1	0.0252429	0.19559	0.853242	-1.172	0.00658726	1.50548	1.50548	0.0513452	1.29337	1.29337	0.151782	1.19489	1.19489	0.13601	0.830041	-1.20476
cg26632239	CTDP1;CTDP1	0.0291385	0.0136424	0.365555	-2.73557	0.259427	1.4741	1.4741	0.0226185	0.406416	-2.46053	0.703181	0.881376	-1.13459	0.0257639	0.417526	-2.39506
cg05817054	CTDP1;CTDP1	0.0315244	0.0280909	0.357744	-2.7953	0.0020912	0.179813	-5.56133	0.346289	0.680886	-1.46867	0.497966	1.31344	1.31344	0.0860035	0.471497	-2.1209
cg14934400	CTDP1;CTDP1	0.0326662	0.941951	1.01128	1.01128	0.0282842	1.49033	1.49033	0.325682	1.16925	1.16925	0.0341258	1.46367	1.46367	0.0170031	0.638645	-1.56582
cg01156768	CTDP1;CTDP1	0.0334193	0.002259	0.310699	-3.21855	0.568707	0.854218	-1.17066	0.553237	1.17829	1.17829	0.595395	1.15789	1.15789	0.617256	1.14776	1.14776
cg01098651	CTDP1;CTDP1	0.0395748	0.380712	0.913499	-1.09469	0.0135947	1.35965	1.35965	0.0178246	1.33619	1.33619	0.0430455	0.79116	-1.26397	0.227747	0.88038	-1.13587
cg10391823	CTDP1;CTDP1	0.0445271	0.12234	0.70809	-1.41225	0.0489899	1.58944	1.58944	0.130167	1.40074	1.40074	0.641164	0.907768	-1.1016	0.0777335	0.667536	-1.49805
cg18337575	CTDP1;CTDP1	0.0469195	0.459144	1.23458	1.23458	0.708315	1.11079	1.11079	0.802367	0.932288	-1.07263	0.143885	1.55114	1.55114	0.00216588	0.300192	-3.3312
cg14460847	CTDP1;CTDP1	0.0476439	0.782339	0.965807	-1.0354	0.105541	1.24874	1.24874	0.00381772	1.63234	1.63234	0.460635	0.909952	-1.09896	0.21743	0.84958	-1.17705
cg11879182	CTDP1;CTDP1;CTDP1;CTDP1	0.0147339	0.00441512	0.382422	-2.61491	0.3498	1.27565	1.27565	0.825194	1.05755	1.05755	0.124705	0.656745	-1.52266	0.00518772	0.393255	-2.54288
cg23301140	CTDP1;CTDP1;CTDP1;CTDP1	0.047041	0.958237	0.953582	-1.04868	0.0687953	6.35071	6.35071	0.0493055	7.66378	7.66378	0.00319841	0.0259153	-38.5873	0.936208	0.929923	-1.07536
cg18853435	CTDSP1	3.83E-06	0.0466538	0.402657	-2.4835	0.000111124	15.0967	15.0967	3.72E-05	23.7128	23.7128	3.13E-06	82.9753	82.9753	0.714352	0.863473	-1.15811
cg03995228	CTDSP1;CTDSP1	0.000440429	0.902804	1.01972	1.01972	0.485491	1.11995	1.11995	0.00351258	1.88275	1.88275	1.10E-05	4.46761	4.46761	0.461139	0.886994	-1.1274
cg17941846	CTDSP1;CTDSP1	0.00139739	0.0374748	0.37579	-2.66106	0.0016876	6.16794	6.16794	0.273374	1.58744	1.58744	0.000154444	13.8509	13.8509	0.394827	0.70236	-1.42377
cg13967646	CTDSP1;CTDSP1	0.00154514	0.612633	0.924968	-1.08112	0.000211765	2.57499	2.57499	0.000108362	2.83537	2.83537	0.0261101	1.49665	1.49665	0.100044	1.3169	1.3169
cg00330502	CTDSP1;CTDSP1	0.0142421	0.369312	1.14727	1.14727	0.182093	0.809746	-1.23496	0.174533	0.806375	-1.24012	0.00684842	0.593417	-1.68515	0.109595	0.771107	-1.29684
cg23889021	CTDSP1;CTDSP1;CTDSP1	0.000540552	0.785148	0.987156	-1.01301	7.16E-05	1.40816	1.40816	0.852905	0.991258	-1.00882	0.113913	0.921863	-1.08476	0.0798819	1.09629	1.09629
cg05342250	CTDSP2	0.000838377	0.025786	0.844711	-1.18384	0.0113155	0.816948	-1.22407	0.032999	0.85305	-1.17226	0.013741	0.823502	-1.21433	0.0123713	1.21957	1.21957
cg11762629	CTDSP2	0.000853212	9.07E-05	0.421203	-2.37415	0.719803	1.04551	1.04551	0.589161	1.06969	1.06969	0.0230738	0.714812	-1.39897	0.0496773	1.31871	1.31871
cg16444117	CTDSP2	0.00207582	0.000111796	0.126034	-7.93439	0.75547	0.909129	-1.09995	0.119427	1.67413	1.67413	0.650537	1.14921	1.14921	0.0130827	0.391165	-2.55646
cg21149967	CTDSP2	0.00209501	0.297086	1.14533	1.14533	0.909521	1.01437	1.01437	0.00302136	1.66567	1.66567	0.632469	0.941312	-1.06235	0.000554154	0.510324	-1.95954
cg01644731	CTDSP2	0.00371926	0.0320868	2.59599	2.59599	0.00487565	4.12833	4.12833	0.0156196	3.08415	3.08415	0.00156201	5.62385	5.62385	0.290847	1.51659	1.51659
cg26645635	CTDSP2	0.00697044	0.546704	0.733645	-1.36306	0.882949	0.927916	-1.07768	0.950311	1.03215	1.03215	0.500066	0.706367	-1.4157	0.0254073	0.259467	-3.85405
cg26639561	CTDSP2	0.0171662	0.978179	1.00326	1.00326	0.0080622	1.49828	1.49828	0.819703	0.973168	-1.02757	0.62675	1.06012	1.06012	0.873551	1.01916	1.01916
cg13667676	CTDSP2	0.0206892	0.19629	0.726363	-1.37672	0.0173188	1.97036	1.97036	0.153788	1.42947	1.42947	0.0965712	1.53245	1.53245	0.0292899	0.548367	-1.8236
cg04415672	CTDSP2	0.0223475	0.177767	2.23804	2.23804	0.00167192	12.5326	12.5326	0.00730667	6.99873	6.99873	0.0307943	4.16536	4.16536	0.120884	2.57581	2.57581
cg02732509	CTDSP2	0.0231848	0.0356375	0.380792	-2.6261	0.478203	0.752259	-1.32933	0.113955	0.507161	-1.97176	0.614936	0.818521	-1.22172	0.0347821	0.378526	-2.64183
cg03228931	CTDSP2	0.026627	0.188062	1.90009	1.90009	0.00176457	7.76763	7.76763	0.0112229	4.31475	4.31475	0.145066	2.05473	2.05473	0.0969803	2.31246	2.31246
cg00677455	CTDSP2	0.0414916	0.469127	0.8323	-1.20149	0.221623	1.37738	1.37738	0.776259	1.0736	1.0736	0.072276	0.606564	-1.64863	0.339241	1.27826	1.27826
cg02566627	CTDSP2	0.0416129	0.177248	0.60253	-1.65967	0.0158254	2.84133	2.84133	0.0664037	2.06946	2.06946	0.966446	1.01497	1.01497	0.263903	1.50895	1.50895
cg23105471	CTDSP2	0.0440284	0.0254367	0.281215	-3.556	0.0779146	0.392306	-2.54903	0.105022	0.429089	-2.33052	0.146536	0.475041	-2.10508	0.00776875	0.195398	-5.11777
cg16915316	CTDSP2	0.0469614	0.246009	0.581679	-1.71916	0.0498277	2.71589	2.71589	0.0510703	2.6974	2.6974	0.71484	0.848848	-1.17807	0.747807	0.865825	-1.15497
cg17169243	CTDSP2;MIR26A2	0.0128684	0.0188889	0.346166	-2.88879	0.088499	0.496044	-2.01595	0.0224558	0.36056	-2.77346	0.0760685	0.478814	-2.08849	0.962165	0.982458	-1.01786
cg09263904	CTDSP2;MIR26A2	0.0135258	0.688512	1.15333	1.15333	0.163935	0.591072	-1.69184	0.0697947	0.487824	-2.04992	0.381419	0.727751	-1.3741	0.00204985	0.214838	-4.65468
cg20973260	CTDSPL2	0.000582316	0.231521	0.769458	-1.29962	0.00210111	2.46813	2.46813	0.00193317	2.49979	2.49979	0.000307858	3.39877	3.39877	0.109124	0.694298	-1.4403
cg08279304	CTDSPL2	0.00613049	0.314207	1.18709	1.18709	0.099706	1.34621	1.34621	0.000553799	2.41862	2.41862	0.563477	0.908249	-1.10102	0.0259753	0.646948	-1.54572
cg27649764	CTDSPL2	0.0136024	0.221174	1.47375	1.47375	0.00947285	2.69494	2.69494	0.00148527	3.98327	3.98327	0.0179154	2.38115	2.38115	0.00725304	2.8421	2.8421
cg16734845	CTDSPL2	0.0270766	0.161833	0.661137	-1.51254	0.0542489	1.83143	1.83143	0.037803	1.94886	1.94886	0.547894	1.18346	1.18346	0.675609	1.12365	1.12365
cg20792744	CTDSPL2	0.0288843	0.033227	0.267225	-3.74217	0.101862	0.386974	-2.58415	0.556575	1.37063	1.37063	0.216452	0.501781	-1.9929	0.0298897	0.258033	-3.87547
cg02355558	CTDSPL;CTDSPL	0.0101282	0.0394254	0.357702	-2.79562	0.0024965	0.163206	-6.12721	0.00452277	0.195455	-5.11626	0.0946924	0.452711	-2.20891	0.00614832	0.213886	-4.67539
cg27312049	CTF1;CTF1	6.42E-05	0.853924	1.02526	1.02526	0.00296591	0.575855	-1.73655	0.00206879	0.555984	-1.79861	0.000744598	0.500169	-1.99933	4.15E-06	0.236278	-4.2323
cg08592890	CTF1;CTF1	0.00368624	0.464868	1.26613	1.26613	0.00226254	3.87811	3.87811	0.0584316	1.9706	1.9706	0.0284689	2.271	2.271	0.0293877	0.443117	-2.25674
cg04169260	CTF1;CTF1	0.00629971	0.426291	0.957456	-1.04443	0.896597	0.993065	-1.00698	0.211916	1.07291	1.07291	0.0112566	0.843724	-1.18522	0.00339669	1.23755	1.23755
cg06159340	CTF1;CTF1	0.0114445	0.0484459	2.70306	2.70306	0.303563	1.59994	1.59994	0.0662856	2.48048	2.48048	0.0518673	2.65302	2.65302	0.590261	0.786831	-1.27092
cg08486575	CTF1;CTF1	0.0145065	0.0518574	0.639475	-1.56378	0.970215	0.992483	-1.00757	0.0168223	1.80311	1.80311	0.0649149	1.52029	1.52029	0.514433	1.14294	1.14294
cg03495059	CTF1;CTF1	0.026446	0.0526989	0.708673	-1.41109	0.0266535	0.663182	-1.50788	0.258485	0.831647	-1.20243	0.363789	0.864222	-1.15711	0.00237216	0.515483	-1.93993
cg27355006	CTF1;CTF1	0.0392125	0.064873	0.512461	-1.95137	0.0753	0.528046	-1.89378	0.0291685	0.436562	-2.29063	0.26814	1.45054	1.45054	0.0122994	0.365917	-2.73286
cg18849840	CTGF	0	0	1.49797	1.49797	0	0.251318	-3.97903	0	0.758555	-1.3183	?	?	?	?	?	?
cg00516030	CTGF	0.000617595	0.000868969	0.159013	-6.2888	0.00096382	0.16385	-6.10315	0.000805504	0.155534	-6.42947	0.121098	0.538698	-1.85633	0.00259846	0.215338	-4.64386
cg17359975	CTGF	0.00537436	0.00115146	0.243255	-4.11091	0.080064	0.562878	-1.77658	0.0126852	0.39982	-2.50113	0.935394	0.976294	-1.02428	0.0531164	0.521885	-1.91613
cg00261832	CTGF	0.00563889	0.000495091	0.153513	-6.51409	0.300258	0.691489	-1.44616	0.470131	1.28727	1.28727	0.415822	0.751398	-1.33085	0.0245282	0.398267	-2.51088
cg14623917	CTGF	0.0197724	0.0628981	0.381065	-2.62422	0.156448	2.0116	2.0116	0.429415	1.45052	1.45052	0.0314403	3.20122	3.20122	0.0421506	0.339792	-2.94298
cg24684168	CTGF	0.0209273	0.095434	0.570623	-1.75247	0.0771837	1.82538	1.82538	0.73519	1.10957	1.10957	0.0134966	2.55117	2.55117	0.0592537	0.520884	-1.91982
cg06774797	CTGF	0.033897	0.689787	0.80916	-1.23585	0.623786	1.29812	1.29812	0.500743	0.69718	-1.43435	0.000695011	0.0651425	-15.351	0.891157	1.07494	1.07494
cg24311382	CTGF;CTGF	0.00407307	0.778704	1.06793	1.06793	0.00092151	0.315101	-3.17359	0.387432	0.813284	-1.22958	0.024081	1.87322	1.87322	0.00159911	0.347722	-2.87586
cg04068042	CTGF;CTGF	0.0368148	0.0516174	1.45264	1.45264	0.957148	1.0091	1.0091	0.916429	0.982464	-1.01785	0.199529	1.25666	1.25666	0.426216	0.87202	-1.14676
cg10497720	CTH;CTH	0.00270496	0.398465	1.63456	1.63456	0.443635	1.55839	1.55839	0.176915	0.440168	-2.27186	0.000480946	0.0352495	-28.3692	0.000406067	0.0320531	-31.1982
cg16581928	CTH;CTH	0.0249257	0.0462388	0.688481	-1.45247	0.00808866	1.74083	1.74083	0.102039	0.746382	-1.3398	0.0223542	0.639287	-1.56424	0.339996	0.851515	-1.17438
cg00968021	CTH;CTH	0.0254202	0.463797	0.848812	-1.17812	0.0179087	1.88231	1.88231	0.0409194	1.67981	1.67981	0.0200089	0.539526	-1.85348	0.0265307	0.560987	-1.78257
cg26890010	CTH;CTH	0.0300613	0.697006	1.13725	1.13725	0.733571	0.893779	-1.11885	0.952441	0.980587	-1.0198	0.41441	1.31551	1.31551	0.392545	1.33363	1.33363
cg02917772	CTH;CTH	0.0317118	0.749402	0.974819	-1.02583	0.173618	0.891181	-1.12211	0.984769	0.998482	-1.00152	0.0097227	1.29728	1.29728	0.0581041	1.18583	1.18583
cg07757887	CTHRC1	1.28E-05	8.54E-06	0.299339	-3.3407	0.252632	1.16046	1.16046	6.46E-05	0.400833	-2.4948	0.717173	1.04635	1.04635	2.50E-06	0.24185	-4.13479
cg07529715	CTHRC1	0.000130111	0.000277972	0.236664	-4.2254	0.0700945	0.612242	-1.63334	0.000373432	0.251861	-3.97045	0.23549	0.739907	-1.35152	0.000194058	0.21883	-4.56975
cg18919478	CTHRC1	0.0032608	0.0411833	0.376246	-2.65783	0.000249975	0.0814727	-12.2741	0.00107924	0.134913	-7.41221	0.0817309	0.449082	-2.22677	0.0283555	0.341644	-2.92703
cg19188612	CTHRC1	0.0032965	0.0177287	0.381808	-2.61912	0.000589125	0.169883	-5.8864	0.0106124	0.342008	-2.92391	0.0720091	0.511441	-1.95526	0.00516764	0.291487	-3.43069
cg05740575	CTHRC1	0.0134087	0.00389425	0.249413	-4.00941	0.0843212	0.505485	-1.9783	0.00751435	0.292542	-3.41832	0.283385	0.671527	-1.48914	0.00290858	0.231785	-4.31434
cg20392240	CTHRC1	0.0233193	?	?	?	0.649814	0.77598	-1.28869	?	?	?	0.00400648	0.0459902	-21.7438	?	?	?
cg24077172	CTLA4;CTLA4	0.00134067	0.196478	0.765163	-1.30691	0.000170395	0.285746	-3.49962	0.000845259	0.373988	-2.67388	0.99444	1.00137	1.00137	0.00343685	0.458924	-2.17901
cg08460026	CTLA4;CTLA4	0.00241041	0.0310374	0.318968	-3.13511	0.00034891	0.0746323	-13.399	0.0016618	0.13123	-7.62018	0.0274783	0.308199	-3.24466	0.00541835	0.191673	-5.21721
cg05074138	CTLA4;CTLA4	0.0116751	0.159433	0.753671	-1.32684	0.0269669	0.610987	-1.63669	0.161478	0.754851	-1.32476	0.166259	0.757566	-1.32002	0.2325	0.790181	-1.26553
cg22572158	CTLA4;CTLA4	0.0411437	0.389929	0.875101	-1.14273	0.044159	0.704582	-1.41928	0.339614	0.86153	-1.16073	0.119365	0.774188	-1.29168	0.595877	1.08443	1.08443
cg23382149	CTNNA1	0.00774591	0.235372	0.788109	-1.26886	0.00272096	0.452675	-2.20909	0.389518	0.844645	-1.18393	0.0292427	0.611502	-1.63532	0.630492	1.09724	1.09724
cg07894651	CTNNA1	0.0103163	0.332731	0.76788	-1.30229	0.00157185	0.301114	-3.321	0.0100313	0.423541	-2.36105	0.231957	0.717936	-1.39288	0.747344	0.918111	-1.08919
ch.5.2559743R	CTNNA1	0.0144753	0.0127732	0.206004	-4.85429	0.00527923	0.152861	-6.5419	0.00156314	0.0981552	-10.1879	0.033315	0.280724	-3.56221	0.0111202	0.196785	-5.08169
cg07874155	CTNNA1	0.0183854	0.537751	1.07416	1.07416	0.0692895	0.792157	-1.26238	0.738185	1.03921	1.03921	0.0758326	1.25426	1.25426	0.593177	0.940047	-1.06378
cg11778763	CTNNA1	0.0256059	0.0725519	0.558629	-1.7901	0.00873697	0.378753	-2.64024	0.0753872	0.562527	-1.77769	0.374688	1.30317	1.30317	0.041388	0.504761	-1.98114
cg18690705	CTNNA2;CTNNA2	9.89E-06	6.96E-07	0.22354	-4.47348	0.000488564	0.544592	-1.83624	0.000875957	0.57406	-1.74198	0.64278	0.949376	-1.05332	3.20E-05	0.406386	-2.46072
cg02227623	CTNNA2;CTNNA2	0.000789014	0.00555679	0.715365	-1.39789	0.0301237	1.26427	1.26427	0.00101266	1.5658	1.5658	0.00667244	0.723516	-1.38214	0.927865	0.991708	-1.00836
cg03105556	CTNNA2;CTNNA2	0.00109128	0.209388	0.610627	-1.63766	1.34E-05	29.911	29.911	0.160946	1.74764	1.74764	0.553317	0.799657	-1.25054	0.975557	0.988642	-1.01149
cg06010711	CTNNA2;CTNNA2	0.00160331	0.00841642	0.670204	-1.49208	0.00247136	0.606263	-1.64945	0.00185946	1.69063	1.69063	0.0425598	1.32005	1.32005	?	?	?

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23000734	0.15913	0.548001	-1.82481	0.850567	1.0783	1.0783	0.0327328	2.71456	2.71456	0.953939	0.977176	-1.02336	3.45753	8.74866	2.24918	1
cg22964496	0.012509	0.474948	-2.10549	4.45E-06	0.0795254	-12.5746	0.89042	0.967505	-1.03359	0.0556721	0.594738	-1.68141	19.6257	17.851	0.808508	1
cg20256567	0.109372	1.27668	1.27668	0.48747	1.10374	1.10374	0.0034489	1.7432	1.7432	0.0758233	0.758439	-1.3185	15.003	4.65223	0.275632	1
cg00753287	0.592364	1.1822	1.1822	0.000332353	0.166349	-6.01147	0.00251154	3.66847	3.66847	0.151566	0.621357	-1.60938	10.1139	15.3634	1.35026	1
cg24440625	0.122857	0.7582	-1.31891	0.0792592	1.38073	1.38073	0.0143937	1.64791	1.64791	0.174745	0.787404	-1.27	9.25089	4.01718	0.385999	1
cg27485619	0.533943	1.22923	1.22923	0.000514412	0.169301	-5.90664	0.0440719	2.13389	2.13389	0.00533618	0.300441	-3.32844	8.79125	14.9456	1.51116	1
cg15409004	0.520028	1.15635	1.15635	0.104311	0.673299	-1.48522	8.10E-05	4.87415	4.87415	0.732558	0.926433	-1.07941	7.45426	5.85878	0.698634	1
cg15970457	0.054453	0.547723	-1.82574	0.00502039	0.359153	-2.78433	0.00551563	2.73561	2.73561	0.0335861	0.504177	-1.98343	6.69022	8.06421	1.07144	1
cg18856501	0.882675	1.02975	1.02975	0.0152036	1.80746	1.80746	0.239746	0.783183	-1.27684	0.951786	0.988068	-1.01208	5.21821	3.25724	0.55485	1
cg00424785	0.73611	1.108	1.108	0.00498751	0.324082	-3.08564	0.499481	1.23102	1.23102	0.0252565	0.446358	-2.24036	5.14491	7.49043	1.29413	1
cg09872760	0.405396	1.13403	1.13403	0.108959	0.772377	-1.2947	0.0259205	1.478	1.478	0.821665	1.03392	1.03392	4.98907	1.72497	0.307334	1
cg25965774	0.722639	1.16687	1.16687	0.0292112	3.04231	3.04231	0.000788157	8.99879	8.99879	0.133474	2.01554	2.01554	4.96009	14.7299	2.63973	1
cg05882699	0.173029	2.31363	2.31363	0.00317927	10.286	10.286	0.00811842	7.10403	7.10403	0.466747	1.53487	1.53487	4.37343	23.1818	4.71165	1
cg04080353	0.0457683	0.467695	-2.13815	0.00527725	0.295078	-3.38893	0.48862	0.791784	-1.26297	0.382686	1.34593	1.34593	3.86016	6.73282	1.55038	1
cg16174644	0.949711	1.01211	1.01211	0.854527	1.03564	1.03564	0.146479	1.3464	1.3464	0.0163743	0.57124	-1.75058	3.45441	1.99234	0.512668	1
cg02399019	0.411827	0.742526	-1.34675	0.186182	1.64415	1.64415	0.341941	1.41536	1.41536	0.640923	0.8465	-1.18134	3.44402	6.86511	1.77186	1
cg01213599	0.000911491	2.23344	2.23344	0.172295	1.26543	1.26543	4.40E-05	3.50887	3.50887	0.0970251	1.34332	1.34332	13.7428	5.08027	0.369667	1
cg23311929	0.792236	1.06546	1.06546	0.0433333	0.572241	-1.74752	0.0262501	1.88368	1.88368	0.909722	1.02762	1.02762	9.49124	8.67257	0.812217	1
cg07048415	0.638141	0.910481	-1.09832	0.00428866	0.46942	-2.13029	0.00428973	2.13022	2.13022	0.200903	1.3066	1.3066	8.29599	5.14974	0.551778	1
cg17014214	0.0243279	0.557184	-1.79474	0.000767392	0.329468	-3.0352	0.655597	0.906813	-1.10276	0.668054	1.09856	1.09856	7.51607	5.65235	0.668476	1
cg09349613	0.180338	1.5334	1.5334	0.972642	1.01036	1.01036	0.984157	0.994051	-1.00598	0.0440104	0.498872	-2.00452	7.4135	10.6013	1.27111	1
cg12685995	0.313872	1.1894	1.1894	0.0625596	1.41766	1.41766	0.620563	1.08665	1.08665	0.0875268	1.36902	1.36902	5.10597	2.2425	0.390393	1
cg26275480	0.0928529	0.564093	-1.77276	0.00622655	0.331489	-3.01669	0.0288783	0.450316	-2.22066	0.0712162	0.53582	-1.8663	4.69025	7.12187	1.34973	1
cg02872914	0.0999844	0.499183	-2.00327	0.00845215	0.273585	-3.65517	0.502799	0.769403	-1.29971	0.620555	0.825005	-1.21211	4.13398	9.72834	2.09179	1
cg09127448	0.0516226	4.4056	4.4056	0.00652685	10.6537	10.6537	0.0114839	8.30407	8.30407	0.325159	1.97409	1.97409	3.42192	24.2848	6.30829	1
cg26882204	0.041682	0.413325	-2.4194	3.59E-05	0.049873	-20.0509	0.0015202	0.179421	-5.57349	0.0572167	0.445082	-2.24678	11.7994	26.4588	1.99323	1
cg14791530	0.0199213	0.317478	-3.14982	0.00036253	0.0968805	-10.322	0.00049728	0.108062	-9.25397	0.0212018	0.322618	-3.09964	9.05027	23.899	2.34728	1
cg16692196	0.738326	0.91101	-1.09768	0.00206767	0.299428	-3.33971	0.00288453	0.320096	-3.12406	0.250584	0.716246	-1.39617	4.60633	5.6375	1.08787	1
cg08324636	0.00783893	0.816201	-1.22519	0.000106264	0.665518	-1.50259	0.000224436	0.693926	-1.44108	0.000256563	1.43082	1.43082	20.8388	1.16914	0.0498704	1
cg10218542	?	?	?	0.95822	1.013	1.013	0.52255	1.17325	1.17325	0.261248	1.3349	1.3349	16.2371	13.8943	0.855716	1
cg23858565	0.22551	0.840277	-1.19008	0.133703	0.801603	-1.2475	0.297067	1.15928	1.15928	0.0966569	1.28318	1.28318	10.2416	3.03191	0.263146	1
cg06829695	0.100764	0.606335	-1.64925	0.263906	1.38284	1.38284	0.00258744	0.312795	-3.19698	0.912525	1.03106	1.03106	4.11552	5.04966	1.09065	1
cg08395748	0.133947	1.33884	1.33884	0.0229491	1.63423	1.63423	0.373428	1.17934	1.17934	0.0655922	0.688628	-1.45216	3.89753	2.01192	0.458846	1
cg00716961	0.252818	0.760325	-1.31523	0.00188971	2.7465	2.7465	0.634115	1.11627	1.11627	0.603398	1.12777	1.12777	3.45218	2.87749	0.740913	1
cg25721806	0.00290495	0.552287	-1.81065	0.781861	0.960536	-1.04109	0.032092	0.694755	-1.43936	0.140119	0.794336	-1.25891	11.1449	3.71398	0.296217	1
cg20835555	0.411041	0.833113	-1.20032	0.0841926	0.660355	-1.51434	0.0441372	0.605142	-1.6525	0.0154737	0.524569	-1.90633	5.24999	3.92283	0.664185	1
cg14264994	0.989729	1.00152	1.00152	0.00297221	1.61589	1.61589	0.372885	0.897908	-1.1137	0.0232133	0.72657	-1.37633	4.9795	1.09286	0.195086	1
cg25397426	0.36251	1.15741	1.15741	0.781068	1.04448	1.04448	0.745781	1.05212	1.05212	0.181549	0.801305	-1.24796	3.66226	1.41498	0.343437	1
cg25300757	0.00336003	0.586872	-1.70395	5.85E-06	0.256482	-3.89891	0.529679	0.91847	-1.08877	0.0128751	0.661986	-1.51061	34.8359	9.84375	0.251178	1
cg23441888	0.0471563	1.40444	1.40444	0.0221292	1.50717	1.50717	0.0217835	1.50941	1.50941	0.042973	0.705911	-1.41661	28.3752	10.048	0.314766	1
cg07105409	0.00808529	0.67773	-1.47551	0.000279104	0.505721	-1.97737	0.207008	1.16489	1.16489	0.00192809	0.604474	-1.65433	11.3522	2.36494	0.185177	1
cg13226362	0.028406	1.38694	1.38694	0.0182671	1.43653	1.43653	0.89082	1.01752	1.01752	0.726854	0.956625	-1.04534	11.0367	2.79475	0.225087	1
cg13480046	0.000183485	0.207346	-4.82285	0.558052	1.15882	1.15882	0.274932	0.753782	-1.32664	0.204349	0.716558	-1.39556	10.5399	10.3359	0.871692	1
cg16944405	0.26528	1.13567	1.13567	0.215602	1.15352	1.15352	0.269674	0.881651	-1.13424	0.332555	0.896248	-1.11576	10.1313	1.92682	0.169053	1
cg05350020	0.00172787	0.571303	-1.75039	0.1131	1.24105	1.24105	0.948648	0.991966	-1.0081	0.061525	0.768148	-1.30183	10.084	2.50487	0.220801	1
cg01589580	0.0182858	0.245693	-4.07013	0.000277976	0.0541975	-18.451	0.0053612	0.165756	-6.03298	0.00556806	0.167855	-5.95751	9.51249	36.1868	3.38145	1
cg13090456	0.74968	1.03906	1.03906	0.000191908	0.471473	-2.12101	0.534321	1.07824	1.07824	0.000625818	0.532819	-1.87681	8.93571	2.02764	0.201701	1
cg12233418	0.87445	1.02444	1.02444	0.132587	1.28122	1.28122	0.199528	1.22995	1.22995	0.034855	0.686928	-1.45576	8.91299	3.2914	0.32825	1
cg21095808	0.374567	0.744998	-1.34229	0.00744678	0.328528	-3.04388	0.0166645	2.57054	2.57054	0.276665	1.44117	1.44117	8.52529	14.0856	1.46864	1
cg13601309	0.0811771	0.464606	-2.15236	0.000831718	0.136041	-7.35074	0.621113	0.820741	-1.21841	0.00225191	0.18354	-5.44841	8.37078	20.8418	2.21317	1
cg25063864	0.691964	0.94619	-1.05687	0.00525961	1.66723	1.66723	0.0567597	1.3492	1.3492	0.0219558	0.682658	-1.46486	8.29225	2.53374	0.271604	1
cg01490290	0.172689	1.26484	1.26484	0.0344943	1.49061	1.49061	0.90234	1.02007	1.02007	0.469309	0.887646	-1.12658	7.40015	3.0717	0.368966	1
cg14838972	0.00590595	1.46244	1.46244	0.000763201	1.71291	1.71291	0.765544	1.03207	1.03207	0.605699	0.946525	-1.0565	6.90582	1.21821	0.156803	1
cg16288572	0.191997	0.709374	-1.40969	0.0740437	0.609592	-1.64044	0.034394	1.84687	1.84687	0.277023	1.32457	1.32457	6.58671	6.44822	0.8702	1
cg12432983	0.000280644	0.272952	-3.66365	0.0508392	1.62637	1.62637	0.441012	1.1874	1.1874	0.392511	0.825721	-1.21106	6.49415	4.91536	0.672792	1
cg27151480	0.0268888	0.696973	-1.43478	0.00317708	1.74185	1.74185	0.710118	1.05277	1.05277	0.632187	0.935741	-1.06867	6.42089	1.92891	0.267033	1
cg19030090	0.00248857	0.560341	-1.78463	0.598412	1.07598	1.07598	0.0147298	1.51229	1.51229	0.232495	0.841539	-1.1883	6.36593	1.91425	0.267291	1
cg16776331	0.00751496	0.460388	-2.17208	0.311565	0.789743	-1.26623	0.143907	0.701868	-1.42477	0.000838931	0.322124	-3.1044	6.19931	4.99133	0.715682	1
cg13817822	0.993358	1.00301	1.00301	0.00214906	4.74979	4.74979	0.593648	1.21495	1.21495	0.0257079	0.38373	-2.606	6.0585	12.5412	1.84001	1
cg20360947	0.0506619	1.30905	1.30905	0.00064902	1.88227	1.88227	0.28817	1.14265	1.14265	0.0487163	1.3129	1.3129	5.52527	1.27974	0.20588	1
cg15941665	0.789805	1.05345	1.05345	0.0637714	1.50104	1.50104	0.780895	1.05585	1.05585	0.106209	0.709027	-1.41038	5.38706	3.24105	0.534788	1
cg19143282	0.0510916	0.425287	-2.35135	0.0813659	2.10325	2.10325	0.108883	0.510223	-1.95993	0.0908019	0.488212	-2.04829	4.80613	11.2735	2.08503	1
cg18591013	0.395163	1.10625	1.10625	0.00868762	1.47373	1.47373	0.863721	0.980277	-1.02012	0.597462	0.940079	-1.06374	4.3426	0.924739	0.189285	1
cg26632239	0.241953	0.667672	-1.49774	0.00452383	0.287127	-3.48278	0.806474	0.922234	-1.08432	0.536502	0.813468	-1.2293	4.12926	7.11482	1.53158	1
cg05817054	0.0407902	0.392254	-2.54937	0.775087	1.12022	1.12022	0.689492	0.85286	-1.17253	0.0542893	0.420845	-2.37617	4.01532	9.98735	2.21094	1
cg14934400	0.271995	1.19265	1.19265	0.0131958	1.60543	1.60543	0.924926	1.01463	1.01463	0.278628	1.18954	1.18954	3.9645	1.49059	0.33421	1
cg01156768	0.223424	0.704763	-1.41892	0.253025	1.38618	1.38618	0.0505556	1.83948	1.83948	0.147729	1.52933	1.52933	3.93216	4.65947	1.0533	1
cg01098651	0.480934	0.930449	-1.07475	0.483129	0.930796	-1.07435	0.694749	1.04048	1.04048	0.21915	1.13886	1.13886	3.69765	0.592937	0.142538	1
cg10391823	0.711664	0.926318	-1.07954	0.779906	1.05945	1.05945	0.030138	0.591152	-1.69161	0.02331	0.571864	-1.74867	3.53949	2.38247	0.59832	1
cg18337575	0.166184	0.661807	-1.51102	0.303886	0.742519	-1.34677	0.486542	0.820649	-1.21855	0.0880384	0.590782	-1.69267	3.47066	4.29646	1.10039	1
cg14460847	0.851634	0.976753	-1.0238	0.0734606	1.28495	1.28495	0.617936	1.06521	1.06521	0.158272	0.827386	-1.20863	3.45066	0.862482	0.222175	1
cg11879182	0.206334	1.40099	1.40099	0.0274288	0.516891	-1.93464	0.1317	1.50925	1.50925	0.823919	0.945186	-1.05799	5.21143	5.28151	0.900841	1
cg23301140	0.75854	1.32294	1.32294	0.619178	0.634597	-1.5758	0.833953	1.20989	1.20989	0.428319	2.08328	2.08328	3.46728	45.2381	11.5975	1
cg18853435	2.61E-05	27.7593	27.7593	4.35E-07	303.673	303.673	0.146408	1.86361	1.86361	0.312067	0.658636	-1.51829	51.9707	131.246	2.24479	1
cg03995228	0.000892206	2.215	2.215	0.00800527	1.72145	1.72145	0.821979	1.03668	1.03668	0.468579	1.12509	1.12509	14.8015	5.98847	0.359632	1
cg17941846	0.340874	1.4887	1.4887	0.00120095	6.84496	6.84496	0.937963	1.03206	1.03206	0.15158	1.86429	1.86429	10.6953	27.8397	2.31377	1
cg13967646	0.710879	1.05853	1.05853	0.104223	1.31171	1.31171	0.79208	0.960446	-1.04118	0.984696	0.997074	-1.00293	10.3905	3.8401	0.328515	1
cg00330502	0.000484516	0.442549	-2.25964	0.465514	0.895233	-1.11703	0.895365	0.980584	-1.0198	0.267834	0.841985	-1.18767	5.27008	1.85326	0.312584	1
cg23889021	4.74E-05	1.43717	1.43717	0.79201	0.987576	-1.01258	0.906545	0.99446	-1.00557	0.172012	1.07119	1.07119	13.9843	0.495631	0.0315038	1
cg05342250	0.000145471	0.659111	-1.51719	0.00983203	0.812198	-1.23123	0.0102175	1.22926	1.22926	0.939332	1.00486	1.00486	12.3678	0.795913	0.0572032	1
cg11762629	0.90567	1.01476	1.01476	0.471473	0.913471	-1.09473	0.0775632	0.784742	-1.2743	0.000583682	1.92884	1.92884	12.3068	2.97563	0.214922	1
cg16444117	0.0148032	0.40074	-2.49538	?	?	?	0.100063	1.73239	1.73239	0.996484	0.998657	-1.00134	9.75554	12.7717	1.30918	1
cg21149967	0.770864	0.964007	-1.03734	0.0282245	0.722376	-1.38432	0.00255623	1.69081	1.69081	0.252644	0.860724	-1.16181	9.51227	2.37357	0.221802	1
cg01644731	0.116941	1.91	1.91	0.963403	0.982718	-1.01759	0.000236092	10.1267	10.1267	0.10156	1.97599	1.97599	8.02628	18.3502	2.03223	1
cg26645635	0.0210681	0.244406	-4.09156	0.00134224	0.0938264	-10.658	0.000513262	0.063687	-15.7018	0.76045	0.856167	-1.168	6.62385	27.0526	3.63033	1
cg26639561	0.791708	0.968959	-1.03204	0.000831253	0.549117	-1.82111	0.475939	0.917264	-1.0902	0.721543	1.04356	1.04356	4.95333	1.11349	0.199819	1
cg13667676	0.551495	0.868513	-1.15139	0.110037	1.50314	1.50314	0.0356287	1.77222	1.77222	0.0212792	1.91117	1.91117	4.65063	4.0325	0.770745	1
cg04415672	0.13543	2.47248	2.47248	0.511023	1.45498	1.45498	0.0152844	5.34029	5.34029	0.269435	1.90967	1.90967	4.5295	22.6991	4.45458	1
cg02732509	0.0856714	0.472371	-2.11698	0.00077418	0.134141	-7.45485	0.0458305	0.405037	-2.46891	0.0827465	0.468329	-2.13525	4.4725	11.0415	2.19445	1
cg03228931	0.0600546	2.65426	2.65426	0.331115	1.58639	1.58639	0.0127953	4.14963	4.14963	0.168334	1.96513	1.96513	4.2624	14.296	2.98131	1
cg00677455	0.741612	1.08596	1.08596	0.00151735	0.320357	-3.12151	0.985813	0.995578	-1.00444	0.607837	1.13769	1.13769	3.63368	3.57487	0.874501	1
cg02566627	0.600369	1.20531	1.20531	0.480635	0.776259	-1.28823	0.00430064	3.85282	3.85282	0.742268	1.12365	1.12365	3.62976	7.1745	1.75696	1
cg23105471	0.00780686	0.195701	-5.10985	0.0700642	0.38008	-2.63102	0.157817	0.4861	-2.05719	0.0904032	0.410154	-2.43811	3.55441	12.8432	3.21184	1
cg16915316	0.199359	1.8323	1.8323	0.0640767	0.394821	-2.53279	0.0171347	3.66018	3.66018	0.349268	0.650303	-1.53775	3.46949	10.9592	2.80777	1
cg17169243	0.0612766	0.455342	-2.19615	0.000474722	0.129071	-7.74765	0.690213	1.16121	1.16121	0.217034	0.615965	-1.62347	5.44822	12.0098	1.95942	1
cg09263904	0.0429929	0.4385	-2.2805	0.00322901	0.241149	-4.14682	0.115994	1.83079	1.83079	0.316934	0.693338	-1.4423	5.36017	10.6383	1.76418	1
cg20973260	0.000140763	3.94399	3.94399	0.722078	1.07743	1.07743	0.00679806	2.08007	2.08007	0.413256	1.19086	1.19086	13.6976	9.46099	0.613957	1
cg08279304	0.0105431	1.69928	1.69928	0.821879	1.03785	1.03785	0.0424944	1.46951	1.46951	0.0373392	1.48911	1.48911	6.89319	2.96424	0.382244	1
cg27649764	0.0436031	2.01299	2.01299	0.636636	1.1543	1.1543	0.0315586	2.13885	2.13885	0.0799565	1.79655	1.79655	5.35025	7.70535	1.28016	1
cg16734845	0.403286	1.26733	1.26733	0.0111379	0.414188	-2.41436	0.0532257	1.83744	1.83744	0.0910277	0.597107	-1.67474	4.23745	5.14966	1.08024	1
cg20792744	0.143931	0.435013	-2.29878	0.00128403	0.0830398	-12.0424	0.759362	0.84968	-1.17691	0.12297	0.412305	-2.42539	4.14208	18.4402	3.95726	1
cg02355558	0.0301398	0.332799	-3.00482	0.00470819	0.197795	-5.05573	0.0437301	0.367778	-2.71903	0.125431	0.488909	-2.04537	5.88657	17.3569	2.62093	1
cg27312049	1.58E-05	0.29918	-3.34247	0.00214543	0.557985	-1.79216	0.264974	0.854514	-1.17026	0.345188	0.876713	-1.14062	24.9167	7.22756	0.257839	1
cg08592890	0.836058	1.06794	1.06794	0.0011261	4.57622	4.57622	0.00542849	3.19203	3.19203	0.0240108	2.34918	2.34918	8.0478	12.8273	1.41679	1
cg04169260	0.00122819	1.2879	1.2879	0.105287	1.09935	1.09935	0.947807	1.00351	1.00351	0.385871	0.953538	-1.04873	6.83537	0.31008	0.0403236	1
cg06159340	0.0191448	3.49148	3.49148	0.00103966	8.51336	8.51336	0.00565708	4.95926	4.95926	0.0238393	3.28493	3.28493	5.65971	17.4353	2.73832	1
cg08486575	0.00797347	0.502924	-1.98837	0.0388382	0.616687	-1.62157	0.440086	1.17248	1.17248	0.0785324	1.48424	1.48424	5.23824	3.38821	0.574953	1
cg03495059	0.0229276	0.653456	-1.53033	0.766548	1.04765	1.04765	0.61626	1.08221	1.08221	0.031776	0.67467	-1.48221	4.27259	1.65429	0.344167	1
cg27355006	0.801398	0.921942	-1.08467	0.0386003	0.46184	-2.16525	0.0274383	0.431213	-2.31904	0.821936	1.07539	1.07539	3.71017	6.10986	1.46381	1
cg18849840	0	0.361713	-2.76462	0	1.5712	1.5712	0	2.26123	2.26123	?	?	?	?	8.16998	0	1
cg00516030	0.000354023	0.121075	-8.25934	0.0833092	0.493843	-2.02493	0.000147868	0.0906252	-11.0345	0.020396	0.357508	-2.79714	13.4748	28.9037	1.90668	1
cg17359975	0.00308777	0.301684	-3.31472	0.263347	0.708174	-1.41208	0.000898091	0.229721	-4.35311	0.0843545	0.568348	-1.75949	7.17827	9.95605	1.23286	1
cg00261832	0.284983	0.682719	-1.46473	0.573946	1.2156	1.2156	0.0013899	0.203447	-4.91527	0.0182169	0.373395	-2.67813	7.07314	13.2309	1.66273	1
cg14623917	0.0959413	0.430393	-2.32346	0.0200819	0.27439	-3.64445	0.0248116	0.291763	-3.42744	0.151517	0.492365	-2.03101	4.72289	15.9016	2.99282	1
cg24684168	0.0714937	0.539868	-1.8523	0.0195378	0.421331	-2.37343	0.110655	0.587204	-1.70298	0.297309	0.718261	-1.39225	4.63251	6.88206	1.32053	1
cg06774797	0.129706	0.421479	-2.3726	0.22503	1.95927	1.95927	0.602104	0.757572	-1.32001	0.805315	0.877798	-1.13921	3.91212	17.2597	3.92166	1
cg24311382	0.376545	1.23578	1.23578	0.0681309	0.620914	-1.61053	0.129625	1.46521	1.46521	0.418596	1.21267	1.21267	7.80974	6.73208	0.766231	1
cg04068042	0.0958468	0.734702	-1.3611	0.150236	1.29685	1.29685	0.00355158	1.94633	1.94633	0.0718089	1.40323	1.40323	3.7968	1.7083	0.399938	1
cg10497720	0.284949	0.531151	-1.8827	0.253033	1.97518	1.97518	0.604333	1.34509	1.34509	0.0682965	3.2437	3.2437	10.4272	51.8568	3.86807	1
cg16581928	0.162212	0.783551	-1.27624	0.0950324	1.34966	1.34966	0.838493	0.967192	-1.03392	0.454675	0.882958	-1.13256	4.36175	1.84564	0.376126	1
cg00968021	0.266969	0.775515	-1.28947	0.278895	1.2808	1.2808	0.39182	0.824599	-1.21271	0.500308	1.16229	1.16229	4.33202	3.31541	0.68029	1
cg26890010	0.89385	1.04486	1.04486	0.000595207	0.175124	-5.71025	0.559936	1.21379	1.21379	0.317988	1.40391	1.40391	4.08387	6.98763	1.52092	1
cg02917772	0.088434	1.16135	1.16135	0.143409	0.882386	-1.13329	0.146424	1.13208	1.13208	0.0168792	1.26108	1.26108	4.00682	0.401878	0.0891542	1
cg07757887	0.764928	1.03805	1.03805	9.82E-05	0.42245	-2.36715	0.343259	1.1293	1.1293	9.56E-05	0.421066	-2.37493	38.0875	9.35637	0.218359	1
cg07529715	0.00776054	0.436767	-2.28955	1.97E-05	0.123043	-8.12726	0.242897	1.34458	1.34458	0.000240539	0.229398	-4.35924	20.6319	19.1813	0.826392	1
cg18919478	0.0886432	0.458667	-2.18023	0.0160244	0.294231	-3.39869	0.00249357	0.174854	-5.71907	0.108912	0.484063	-2.06585	8.34849	22.7703	2.42442	1
cg19188612	0.0214139	0.397346	-2.5167	0.00345175	0.26557	-3.76549	0.00112021	0.201481	-4.96324	0.0320863	0.432427	-2.31253	8.32143	14.6925	1.56944	1
cg05740575	0.0420408	0.43301	-2.30942	0.0825018	0.503024	-1.98798	0.328875	1.43338	1.43338	0.098943	0.523968	-1.90851	5.37545	10.867	1.79698	1
cg20392240	0.573123	1.37331	1.37331	?	?	?	0.109865	0.346303	-2.88765	?	?	?	9.99305	18.5775	1.85904	1
cg24077172	0.0214584	0.581872	-1.71859	0.000560389	0.350436	-2.85358	0.511415	0.87763	-1.13943	0.351321	0.828617	-1.20683	10.8231	6.58431	0.540761	1
cg08460026	0.0510542	0.366783	-2.7264	0.000871572	0.104963	-9.52715	0.0830137	0.420492	-2.37817	0.00852644	0.219782	-4.54997	9.12949	29.4576	2.86813	1
cg05074138	0.13762	1.35085	1.35085	0.0943842	1.41319	1.41319	0.474692	0.872199	-1.14653	0.000613659	0.370725	-2.69742	5.6233	3.15066	0.498033	1
cg22572158	0.651538	0.933468	-1.07127	0.00268079	1.87476	1.87476	0.620427	0.927186	-1.07853	0.853578	1.02837	1.02837	3.64502	1.3239	0.32285	1
cg23382149	0.0216528	0.589827	-1.69541	0.0100306	1.86322	1.86322	0.124294	0.727127	-1.37528	0.0585562	1.50555	1.50555	6.40884	3.72108	0.516103	1
cg07894651	0.500046	1.19836	1.19836	0.00775299	2.46923	2.46923	0.224636	0.7138	-1.40095	0.363998	0.781466	-1.27965	5.85197	6.47572	0.983635	1
ch.5.2559743R	0.156961	0.461577	-2.16648	0.11472	0.416415	-2.40145	0.149221	0.453894	-2.20316	0.310951	0.585432	-1.70814	5.24197	21.655	3.67207	1
cg07874155	0.000711689	1.80596	1.80596	0.06419	1.26928	1.26928	0.243173	1.15029	1.15029	0.350237	1.11654	1.11654	4.84049	1.00771	0.185052	1
cg11778763	0.982379	0.993602	-1.00644	0.0125341	0.405537	-2.46587	0.0854851	1.73753	1.73753	0.697444	0.892668	-1.12024	4.32105	5.78011	1.18904	1
cg18690705	0.00053493	0.549174	-1.82092	0.00531287	0.664608	-1.50465	0.0582902	0.788206	-1.2687	2.58E-06	0.282943	-3.53428	40.688	7.9719	0.174158	1
cg02227623	0.113783	0.853671	-1.17141	0.0146677	0.758605	-1.31821	0.0115489	1.337	1.337	0.0022523	1.48165	1.48165	12.5809	1.68472	0.119031	1
cg03105556	0.704928	1.15239	1.15239	0.247049	1.57028	1.57028	0.361845	0.705078	-1.41828	0.294898	0.666977	-1.4993	11.4782	25.2686	1.95684	1
cg06010711	0.552122	0.930971	-1.07415	0.0140581	1.43406	1.43406	0.554004	0.931293	-1.07378	0.0228572	0.723384	-1.38239	10.5184	2.09381	0.199062	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	Ratio(3537 vs. N)	Fold-Change(5 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	Ratio(5637 vs. N)	Fold-Change(7 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10579530	CTNNA2;CTNNA2	0.00697986	0.124327	2.0349	2.01349	1.000620677	9.48565	9.482552	0.958793	-1.04298	0.288846	1.59889	1.59889	0.489637	1.34961	1.34961	0.02093079	2.99444	2.99444	0.00112434	7.7565	7.7565	0.02213896	1.25817	3.25817	0.03705579	2.83111	2.83111	6.62106	19.1367	2.56913	1
cg20494682	CTNNA2;CTNNA2	0.00937155	0.0621174	0.8132115	-1.22969	0.167677	0.86522	-1.15578	0.00547681	0.697966	-1.43273	0.194346	0.873571	-1.14473	0.000514706	0.586477	-1.7051	0.04297565	0.795102	-1.2577	0.02900756	0.776286	-1.28819	0.251228	0.8886848	-1.12526	0.00688697	0.708643	-1.41115	0.6343	0.926212	0.136437	1
cg10576499	CTNNA2;CTNNA2	0.01080334	0.0170592	0.684474	-1.46097	0.00382129	1.66261	1.66261	0.8964417	1.01712	1.01712	0.45791	1.10355	1.10355	0.0413844	1.35889	1.35889	0.300041	1.15027	1.15027	0.0979962	0.73082	-1.36833	0.142756	1.22796	1.22796	0.0509305	0.748364	-1.33625	5.76591	1.5518	0.23923	1
cg24509810	CTNNA2;CTNNA2	0.01170484	0.0995763	3.58358	3.583358	0.738522	1.26731	1.26731	0.5127168	0.625345	-1.59912	0.161668	2.87705	2.87705	0.274706	0.4477011	-2.23363	0.3278737	0.489606	-2.04246	0.0101011	0.30123	30.0323	30.0323	0.9923151	0.9930809	-1.00698	0.00979694	30.0658	3.06548	4.96476	39.3166	7.03922	1
cg01146063	CTNNA2;CTNNA2	0.0189819	0.381191	1.50889	1.50889	0.0272384	3.30965	3.30965	0.790951	0.885433	-1.12939	0.301498	1.63279	1.63279	0.772413	0.875623	-1.14204	0.434362	1.441	1.441	0.000492271	12.1777	12.1777	0.157346	1.99886	1.99886	0.0343303	3.0978	3.0978	4.7886	15.9091	2.95315	1
cg06607919	CTNNA2;CTNNA2	0.0221857	0.126979	3.16085	3.16085	0.501596	1.60887	1.60887	0.618682	0.704798	-1.41885	0.233252	2.39031	2.39031	0.26201	0.4424429	-2.26225	0.393616	0.54375	-1.83908	0.00131942	25.9986	25.9986	0.600465	0.6918084	-1.4455	0.0146746	8.12259	4.54082	34.9607	6.84373	1
cg22980483	CTNNA2;CTNNA2	0.024118	0.0208222	0.249045	-4.01533	0.270196	1.77483	1.77483	0.734693	1.18527	1.18527	0.0243148	0.261492	-3.82421	0.00562765	0.162672	-6.14735	0.642898	0.791903	-1.26278	0.0231672	0.257553	-3.8827	0.685391	1.22571	1.22571	0.0477933	0.322754	-3.09834	4.4119	17.4477	3.51527	1
cg26875089	CTNNA2;CTNNA2	0.0255802	0.7959807	1.297019	-1.51746	0.241299	0.6428994	1.56501	0.6331561	1.2019	1.2019	0.704023	1.15636	1.15636	0.000688773	0.138616	-7.2116	0.2846118	1.52664	1.52664	0.1272904	1.87084	1.87084	0.71909	1.14798	1.14798	0.951579	1.02338	1.02338	4.28657	9.816617	2.05968	1
ch.2.178665481	CTNNA2;CTNNA2	0.0263142	0.144412	2.545473	-4.07377	0.00688479	0.0394618	-25.3409	0.00160925	0.0142108	-70.3689	0.0263172	0.0908522	-11.0069	0.0616778	0.149579	-6.68495	0.344022	0.419986	-2.38103	0.6664546	0.680755	-1.46896	0.633358	0.652946	-1.53152	0.8329987	0.829342	1.20577	4.73082	57.578	9.4662	1
cg11074070	CTNNA2;CTNNA2	0.0430082	0.263559	0.854361	-1.17047	0.00815905	0.633014	-1.57974	0.0883863	0.775767	-1.28905	0.126077	0.799689	-1.25049	0.253375	0.851206	-1.1748	0.70057	1.05357	1.05357	0.0280689	1.4196	1.4196	0.443309	1.11133	1.11133	0.4688338	1.10466	1.10466	3.5856	1.03576	0.256772	1
cg19310458	CTNNA2;CTNNA2	0.043788	0.0468664	0.184459	-5.42045	-0.08053	0.00473291	0.0505993	-19.6253	0.0441825	0.155505	-6.43066	0.140889	0.284645	0.51315	0.0364003	0.541039	-6.4871	0.117259	0.259279	-3.85685	0.0132546	0.138656	-7.20173	0.037632	0.237577	-4.19709	-6.7751	0.135006	0.278508	-3.59056	3.56168	35.505	8.861	1
cg00775863	CTNNA2;CTNNA2	0.0440143	0.625775	0.763913	-1.30905	0.859036	1.10231	1.10231	0.761567	0.846413	-1.18146	0.4828	1.4782	1.4782	0.401293	0.624556	-1.60114	0.687186	1.24833	1.24833	0.0863065	2.82447	2.82447	0.661459	0.315239	-3.1722	0.00236031	10.2183	3.55484	16.9032	4.32665	1
cg26808413	CTNNA2;CTNNA2	0.0446883	0.170942	1.15894	1.15894	0.317551	1.10216	1.10216	0.3144224	0.51096	1.11096	0.693794	1.04084	1.04084	0.110353	1.19231	1.19231	0.1004534	1.09972	1.09972	0.0009032764	1.64839	1.64839	0.784565	1.02826	1.02826	0.0910484	1.20717	1.20717	3.53471	0.572747	0.144031	1
cg22008772	CTNNA2;CTNNA2	0.0480123	0.132595	1.84892	1.84892	0.6680419	2.16827	2.16827	0.8412906	1.45977	1.45977	0.215602	1.63738	1.63738	0.1233803	1.87995	1.87995	0.0987493	1.98494	1.98494	0.0027545152	3.67672	3.67672	0.0264997	2.70795	2.70795	0.00750318	3.68144	3.68144	3.44063	7.81569	2.01919	1
cg10063845	CTNNA2;CTNNA2	0.0483182	0.0438113	0.347432	-2.87826	0.0403911	0.339519	-2.94534	0.0426337	0.34676	-2.90057	0.599338	0.78516	-1.27363	0.0100649	0.227221	-4.40122	0.785057	0.882734	-1.13284	0.0110707	0.23373	-4.27844	0.538858	0.752854	-1.32828	0.0687455	0.394771	-2.53311	1.43238	11.3162	2.93057	1
cg00753386	CTNNA2;CTNNA2	0.0494798	0.0359646	0.784488	-2.67024	0.00327011	0.199111	-5.02234	0.0237676	0.314744	-2.96349	0.48907	0.753588	-1.32698	0.0411948	0.387444	-2.58102	0.192967	0.574843	-1.7396	0.150302	0.537552	-1.86029	0.79833	0.9020062	-1.10857	0.23318	0.604578	-1.65405	0.40162	0.873076	2.28147	1
cg04670857	CTNNA2;CTNNA2;CTNNA2;CTNNA2;CTNNA2	0.00335032	0.762427	1.03043	1.03043	0.0272471	1.29479	1.29479	9.13E-05	1.99601	1.99601	0.362012	0.911525	-1.09706	0.690427	0.961192	-1.04037	0.348799	0.90904	-1.10006	0.074896	0.821906	-1.21668	0.0589128	1.2348	1.2348	0.905219	0.988292	-1.01185	2.8213	1.28212	0.137619	1
cg19707040	CTNNA2;CTNNA2;CTNNA2;CTNNA2	0.0438802	0.719931	1.07054	1.07054	0.936497	0.985207	-1.0152	1.89596	1.02557	1.02557	0.890942	1.02646	1.02646	0.26234	0.8015021	-1.24766	0.00152728	0.421568	-2.3721	0.0172768	0.577487	-1.73164	0.117477	0.8223309	-1.21609	0.8728351	0.970128	-1.03079	3.55889	2.020037	0.504621	1
cg21621246	CTNNA2;CTNNA2;LRRTM1	0.046-07	0.0001335546	1.26656	1.26656	1.04E-07	0.5403173	-1.85057	0.00367558	1.1508	1.1508	2.95E-05	1.3402	1.3402	0.931301	1.00318	1.00318	0.325206	1.037	1.037	1.54E-06	0.647229	-1.54386	0.01000703	0.8903135	-1.12317	0.112542	0.9040881	-1.06374	35.2409	15.54409	0.0180101	1
cg27629977	CTNNA2;LRRTM1;CTNNA2	0.00113357	0.0675324	0.640854	-1.56042	0.733801	0.928529	-1.07697	0.394944	1.20837	1.20837	0.305348	1.25933	1.25933	0.587831	0.887917	-1.12623	0.474953	0.853991	-1.17097	1.30E-05	0.137004	-7.29905	0.615578	1.11626	1.11626	0.46579	1.17497	1.17497	11.3547	8.48676	0.664377	1
cg13572145	CTNNA2;LRRTM1;CTNNA2	0.00183927	0.0041283	0.481936	-2.07497	0.000533629	0.925491	-1.78163	0.0406047	0.638452	-1.56629	0.95708	1.01027	1.01027	0.012788	0.556036	-1.79945	0.017839	1.72737	1.72737	0.0070508	0.409046	2.5448	0.32199	0.8623519	-1.2143	0.993226	1.00161	1.00161	0.827971	5.63576	0.507056	1
cg12078605	CTNNA2;LRRTM1;CTNNA2	0.00464449	0.145467	0.726075	-1.37727	0.745203	1.06906	1.06906	0.188084	1.3306	1.3306	0.0396621	0.614367	-1.62769	0.65903	0.913076	-1.0952	0.852978	1.03872	1.03872	0.000937028	0.363844	-2.74843	0.000788203	0.3537797	-2.82648	0.842276	0.960023	-1.04164	6.78089	4.50369	0.590377	1
cg24632241	CTNNA2;LRRTM1;CTNNA2	0.00768179	0.0546496	0.554125	-1.80465	0.0834076	1.34836	1.34836	0.2870743	0.588389	0.421006	2.37527	0.753065	1.32782	0.108923	0.709374	1.40964	0.004569	3.40267	3.40267	0.396098	0.746711	-1.341	0.071285	0.172563	1.72563	0.121378	1.42551	1.42551	0.842558	4.54442	1.464627	1
cg17349385	CTNNA2;LRRTM1;CTNNA2	0.0150389	0.589293	0.765881	-1.30569	0.100849	2.40949	2.40949	0.221589	1.87525	1.87525	0.112183	2.33127	2.33127	0.379935	1.55391	1.55391	0.00349454	9.95249	9.95249	0.00316044	0.138941	-7.19729	0.827043	1.11303	1.11303	0.582213	1.31248	1.31248	5.17626	19.6335	3.37155	1
cg00549910	CTNNA2;LRRTM1;CTNNA2	0.0157131	0.8696902	0.914997	-1.0929	0.0200521	4.56351	4.56351	0.0247908	0.235552	-4.24535	0.912753	0.942422	-1.0611	0.0454291	0.138131	-7.23949	0.853798	0.90501	-1.10496	0.3662323	1.65249	1.65249	0.597741	1.3339	1.3339	0.013962	5.16951	5.16951	5.10558	23.6542	4.12146	1
cg00997079	CTNNA2;LRRTM1;CTNNA2	0.0191157	0.0105586	0.497955	-2.00923	0.0756257	1.06986	1.06986	0.0603745	0.660783	-1.51402	0.0886455	1.08833	1.08833	0.0232155	0.918863	-1.08802	0.125461	1.4228	1.4228	0.0118665	0.703473	0.5386564	-1.85645	0.6440106	0.9040036	-1.10635	0.6461779	1.10544	1.10544	4.77724	3.55853	0.662127	1
cg20072442	CTNNA2;LRRTM1;CTNNA2	0.0257644	0.180422	0.510708	-1.95807	0.0722382	2.58003	2.58003	0.090556	0.414376	-2.41327	0.6341	0.797298	-1.25424	0.229966	0.551545	-1.81309	0.019448	3.79858	3.79858	0.0121215	0.228239	-4.38137	0.0886974	2.42816	2.42816	0.632243	1.25582	1.25582	4.31175	15.241	3.14202	1
cg23665824	CTNNA2;LRRTM1;CTNNA2	0.0353521	0.451701	1.20061	1.20061	0.305104	0.776298	-1.28817	0.6564292	1.63367	1.63367	0.6910246	1.5009	1.5009	0.0708	0.6671355	-1.49904	0.00128413	3.06217	3.06217	0.0237731	0.7446	-1.343	0.0709344	1.29386	1.29386	0.953335	1.01405	1.01405	3.85314	3.46956	0.8004	1
cg09538287	CTNNA3	0.0215188	0.0108375	0.22303	-4.48371	0.134426	2.83088	-4.20028	0.033192	0.311145	-3.21394	0.320122	0.617706	-1.61889	0.052101	0.354838	-2.81819	0.152271	1.487195	-2.00527	0.00486049	0.173609	-5.76006	0.265561	1.72297	1.72297	0.0926772	0.419945	-2.38126	4.58858	15.9801	3.09564	1
cg13215003	CTNNA3;CTNNA3	0.0029652	0.067737	0.629356	-1.58893	0.0242947	0.544689	-1.83591	0.105379	0.670084	-1.49235	0.000634743	0.304955	-3.27918	4.77E-05	0.176692	-5.65956	0.00159662	0.358843	-2.78673	3.81E-05	0.167298	-5.97736	0.37807	0.8149311	-1.2271	0.00322832	0.402831	-2.48243	16.5027	13.3834	0.72087	1
cg10283887	CTNNA3;CTNNA3	0.0015067	0.0015067	0.343423	-2.91196	0.0159284	1.65996	1.65996	0.24946	0.602413	-1.66024	0.182225	0.785645	-1.27323	0.0013875	0.183504	-5.45051	0.052796	0.598005	-1.67223	0.0100931	0.213444	-4.68251	0.0100931	0.213444	-4.68251	0.0100931	0.213444	2.16564	10.7741	9.3093	0.76804	1
cg15773925	CTNNA3;CTNNA3	0.0019662	0.0031686	0.203257	-4.91989	0.0002692	0.128746	-7.76723	0.00797643	0.311449	-3.2108	0.0640152	0.489744	-2.04188	0.06161	0.485716	-2.05082	0.0574408	0.478497	-2.08988	0.0224843	0.445183	-4.04193	0.000809347	0.176724	-5.65854	0.0876137	0.523735	-1.90936	5.64724	17.9772	1.65641	1
cg07020596	CTNNA3;CTNNA3	0.0021785	0.0092606	0.554515	-1.80445	0.0334206	1.348166	1.34836	0.287054	0.588389	0.421006	2.37527	0.753065	1.32782	0.108923	0.709374	1.40964	0.004569	3.40267	3.40267	0.396098	0.746711	-1.341	0.071285	0.172563	1.72563	0.121378	1.42551	1.42551	0.842558	4.54442	1.464627	1
cg18918365	CTNNA3;CTNNA3	0.0033416	0.00806433	1.82481	1.82481	0.291686	1.214	1.214	0.577844	0.905156	-1.10478	0.0471419	0.668563	-1.49575	0.0701788	0.698523	1.43159	0.0142146	0.585027	-1.70932	0.000644828	2.52927	2.52927	0.0717916	1.428	1.428	0.22225	1.25528	1.25528	8.28814	4.12369	0.442259	1
cg04030146	CTNNA3;CTNNA3	0.00388233	0.771507	1.09	1.09	0.0331541	0.478523	-2.08976	0.0502008	0.516472	-1.93521	0.639714	0.869768	-1.14973	0.04E-05	0.111586	-8.96172	0.982091	1.00667	1.00667	0.0192794	0.4327	-2.31107	0.596806	0.853851	-1.17116	0.319481	0.737514	-1.35591	7.92343	10.9913	1.23306	1
cg13647960	CTNNA3;CTNNA3	0.0041978	0.126528	0.843432	-1.18592	0.0031545	0.2125	-4.70588	0.0064458	0.101	-9.90099	0.0018228	0.0966	-10.3509	0.0001	0.0422	-23.6967	0.76301	0.862136	1.15975	-1.1838974	0.0066057	0.151405	1.34997	1.39397	1.39397	0.1010017	0.6514145	1.55515	0.0945321	0.644932	0.550293	0.801882	1
cg15833746	CTNNA3;CTNNA3	0.00602836	0.0031306	0.110748	-9.0295	0.00362493	0.117142	-8.53668	0.0708746	0.332964	-3.00332	0.0311133	0.252048	-3.9675	0.00407964	0.122508	-8.16273	0.0361261	0.265154	-3.77139	0.0025556	0.102358	-9.76968	0.618472	0.760727	-1.31453	0.00653956	0.145951	-6.85163	6.92907	32.5608	4.17703	1
cg18630616	CTNNA3;CTNNA3	0.00848913	0.0325317	0.599185	-1.66903	0.113275	0.716747	-1.39519	0.7542467	0.937798	-1.06633	0.4501668	0.87059	-1.14894	0.0013	0.595655	-1.67882	0.381855	0.832291	1.2015	-1.002738319	0.2855	-3.50155	0.5310653	0.8945664	-1.1178	0.0459629	0.624548	-1.60116	0.92353	4.13207	0.8948564	1.94349	1
cg25265769	CTNNA3;CTNNA3	0.0091918	0.455619	0.931073	-1.07403	0.331627	0.910156	-1.09871	0.110179	0.849057	-1.17778	0.496879	0.937226	-1.06698	0.00232155	0.670465	1.4915	0.0112134	0.741821	1.34803	0.0212644	0.4206	-2.37794	0.731901	1.0327	1.0327	0.00545117	0.709218	1.41	0.0178398	0.843958	0.124353	1
cg19996226	CTNNA3;CTNNA3	0.0184123	0.0077232	0.138896	-7.19963	0.00908033	0.147719	-6.76959	0.0883194	0.337981	-2.95874	0.339864	0.566982	-1.76372	0.038458	0.250744	-3.98814	0.179879	0.439715	-2.2742	0.00353048	0.102126	-9.79184	0.325988	1.795	1.795	0.0797409	0.325728	-3.07005	4.8381	25.497	4.68448	1
cg12768447	CTNNA3;CTNNA3	0.0225382	0.4115212	1.08165	1.08165	0.0509384	0.9	-1.11111	0.7167409	0.895519	-1.11657	0.4248	0.859707	-1.16357	0.0018	0.578087	-1.73012	0.383855	1.67849	1.6749	0.0018319	0.1995	-5.01253	0.5310653	0.8945664	-1.1178	0.0459629	0.624548	-1.60116	0.92353	4.13207	0.8948564	1.94349	1
cg26044004	CTNNA3;CTNNA3	0.0369158	0.0151686	0.291561	-3.42981	0.0736233	0.418572	-2.38013	0.022879	0.324693	-3.07983	0.0733585	0.438259	-2.28176	0.0471839	0.391282	-2.5557	0.0696829	0.432493	-2.31218	0.0047102	0.211899	-4.71922	0.59462	0.800983	-1.24847	0.0897513	0.461722	-2.16581	3.79301	10.2548	2.40321	1
cg01249544	CTNNA3;CTNNA3	0.0471516	0.0147436	0.2884	-3.46744	0.0577202	0.137884	-7.2597	0.0222727	0.308879	-3.23837	0.0744	0.429488	-2.32866	0.0211	0.182827	-5.47015	0.0219492	0.4111	0.2888371	-3.46111	0.0244	-4.26882	0.0910494	0.3242	-3.08429	0.0408944	0.1526	0.1508753	1.6055	0.6621227	0.5293	1
cg07309124	CTNNA3;CTNNA3;LRRTM3;LRRTM3	0.0178554	0.348338	0.879166	-1.13745	0.0171122	1.47351	1.47351	0.731511	0.955098	-1.04701	0.0123507	0.660005	-1.51514	0.00643469	1.60433	1.60433	0.0891112	0.778734	-1.28414	0.778673	1.0383	1.0383	0.221409	1.18702	1.18702	0.477788	1.10106	1.10106	4.88837	1.37746	0.250473	1
cg17706620	CTNNA3;CTNNA3;CTNNA3	0.0255189	0.214646	0.83932	-1.19155	0.769028	1.04504	1.04504	0.5631382	0.913715	-1.09014	0.6452911	1.40144	1.40144	0.0787641	0.75058	-1.3325	0.0263755	1.47257	1.47257	0.00387776	1.77119	1.77119	0.2929201	1.19319	1.19319	0.2469114	1.19475	1.19475	4.32618	1.47986	0.604063	1
cg05485060	CTNNA3;CTNNA3	0.03932558	0.0816046	0.597529	-1.67356	0.00205356	1.81588	1.81588	0.446517	1.23	1.23	0.2681281	1.45063	1.45063	0.0796372	0.403479	-2.47844	0.312	1.32188	1.32188	0.0426469	0.536505	1.88429	0.0734244	2.88479	2.88479	0.0741249	0.588026	1.7006	8.25035	9.30154	1.00214	1
cg14487878	CTNNA1	0.00703956	0.26465	0.789018	-1.2674	0.234374	0.775631	-1.28927	0.538165	0.880696	-1.13547	0.965007	0.991098	-1.00898	0.00212961	0.41487	-2.41039	0.00415391	0.456988	-2.18824	0.34797	0.821225	-1.21769	0.000668228	0.3460339	-2.88985	0.0171321	0.553107	-1.80797	6.6035	4.34491	0.584863	1
cg13545638	CTNNA1	0.0079988	0.1387417	1.38743	1.38743	0.150387	0.776298	-1.28817	0.9539	0.958019	0.97615	-1.02481	0.533463	0.899523	-1.11117	0.587535	1.70211	0.0402154	0.598005	1.67223	0.0100931	0.213444	4.68251	0.0100931	0.213444	4.68251	0.0100931	0.213444	2.16564	10.7741	9.3093	0.76804	1
cg13832679	CTNNA1	0.0286903	0.443565	1.1462	1.1462	0.742922	1.05918	1.05918	0.9546281	0.683291	-1.46349	0.00121578	0.437287	-2.28683	0.216915	0.76996	-1.25477	0.0574408	0.478497	-2.08988	0.0224843	0.445183	-4.04193	0.000809347	0.176724	-5.65854	0.0876137	0.523735	-1.90936	5.64724	17.9772	1.65641	1
cg03637293	CTNNB1;CTNNB1	0.00216589	0.0280054	0.8245162	-1.14079	0.3389471	1.8588	1.8588	0.00299223	1.7868	1.7868	0.0370897	0.709043	-1.41053	0.422374	0.890085	-1.12346	0.0580059	0.710661	1.40274	0.0870757	0.764614	-1.30785	0.0955181	1.67886	1.67886	0.0262597	0.415174	1.44574	9.41897	3.00993	0.284054	1
cg01005582	CTNNB1;CTNNB1;CTNNB1	0.019345	0.121599	1.32498	1.32498	0.00177716	0.377364	-2.64996	0.0158056	0.585678	-1.70742	0.607406	1.1202	1.1202	0.545352	1.14346	1.14346	0.352142	0.98694	-1.01323	0.0154997	1.0168	-1.60858	0.0210686	0.5446051	-1.83639	0.1374554	0.70442	-1.41961	4.75801	3.61512	0.675375	1
cg14663065	CTNNB1;CTNNB1;CTNNB1	0.025869	0.655505	0.939672	-1.0642	0.481597	0.905631	-1.1042	0.00440252	1.69359	1.69359	0.064035	0.729087	-1.37158	0.725863	1.04999	1.04999	0.278699	0.85549	-1.16892	0.222411	0.684034	-1.46192	0.093738	1.29179	1.29179	0.608898	0.930986	-1.07413	0.45356	3.30951	0.270344	1
cg05985075	CTNNB1;CTNNB1;CTNNB1;CTNNB1;CTN	0.000796	0.498946	0.8107	-1.23361	0.3111001	1.158221	1.158221	0.0242028	1.321305	1.321305	0.1873	1.63873	1.63873	0.0179	1.78466	1.78466	0.0707897	1.78466	1.78466	0.0179	1.78466	1.78466	0.0179	1.78466	1.78466	0.0179	1.78466	1.78466	0.0179	1.78466	1.78466	0.0179	1.78466	0.671898	0.12831	0.5594007	1.84E+05	0.005321	0.0407504	1.18665	1
	CTNNB1;CTNNB1;CTNNB1;CTNNB1;CTN																																			
cg00052422	NB1;CTNNB1	0.0124311	0.185521	0.727626	-1.37433	0.201034	1.35778	1.35778	0.4732193	0.847704	-1.17966	0.0174608	1.92576	1.92576	0.6596	1.1056	1.1056	0.0400348	1.71169	1.71169	0.247845	1.31473	1.31473	0.00191629	0.369675	-2.70508	0.0959222	1.51309	1.51309	5.50994	4.47644	0.72216	1
cg12814199	CTNNB1;CTNNB1P1	0.00336915	0.0203374	0.492992	-2.02843	0.00653879	3.76093	3.76903	0.927901	1.02315	1.02315	0.15678	1.46667	1.46667	0.0915143	0.625092	-1.59977	0.295446	1.3157	1.3157	0.691733	0.904129	-1.10604	0.00163065	0.319387	-3.131	0.673345	1.13118	1.13118	8.26745	8.37354	0.900295	1
cg11544657	CTNNB1;CTNNB1P1	0.00465473	0.01923	0.613923	-1.62887	0.681802	1.0736	1.0736	0.194855	0.789608	-1.26645	0.0111952	0.578352	-1.72905	0.000229397	0.348487	-2.86955	0.948201	1.01126	1.01126	0.0101615	0.577576	-1.73137	0.205426	1.25876	1.25876	0.133424	0.75664	-1.32163	7.50032	3.52505	0.417766	1
cg08893875	CTNNB1;CTNNB1P1	0.00531665	0.021022	0.216774	-4.61408	0.0726106	1.26808	1.26808	0.111958	0.620014	0.620014	0.02608	0.787841	-1.26955	0.0210424	0.502609	-1.98956	0.147923	1.88877	1.88877	0.0127	0.529526	-1.88877	-1.05039	0.000256922	0.0556628	-17.9653	0.2232221	1.64943	10.3239	21.334	1.54985	1
cg10740965	CTNNB1;CTNNB1P1	0.00557694	0.661659	0.909976	-1.09893	0.00718257	2.10319	2.10319	0.00140153	2.66458	2.66458	0.997553	1.00066	1.00066	0.238711	0.767702	-1.30259	0.55669	1.13581	1.13581	0.0656528	0.488751	-2.04613	0.0402998	0.601995	-1.66114	0.446003	1.18107	1.18107	0.798721	5.15859	0.646087	1
cg15141379	CTNNB1;CTNNB1P1	0.0142743	0.545646	1.14079	-1.14079	0.3389471	1.35184	1.23984	0.00418444	2.76282	2.76282	0.337361	1.32609	1.32609	0.206128	0.247046	1.29611	0.0852314	2.48859	2.48859	0.470208	0.85434	-1.17049	0.0250772	0.562781	1.76435	0.404334	1.22063	1.22063	1.95623	3.68449	1.76425	1
cg16578540	CTNNB1;CTNNB1P1	0.0179944	0.139329	0.628583	-1.59088	0.388674	1.2941	1.2941	0.0110869	0.394766	-2.53315	0.713883	0.898

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26272893	CTPS	0.00502929	0.0487625	0.348014	-2.87345	0.0016419	10.155	10.155	0.000492901	18.4311	18.4311	0.13946	2.07325	2.07325	0.747522	0.865608	-1.15526
cg01002622	CTPS	0.00600847	0.00927735	7.16045	7.16045	0.00411541	9.92324	9.92324	0.0172284	5.6431	5.6431	0.0272526	4.74958	4.74958	0.508477	1.49182	1.49182
cg24141382	CTPS	0.0263358	0.014968	0.2159	-4.63177	0.0692932	0.352985	-2.83298	0.089524	0.383181	-2.60974	0.0644928	0.34499	-2.89863	0.00894622	0.181982	-5.49505
cg00328724	CTPS	0.04352	0.0477423	3.91382	3.91382	0.074551	3.31164	3.31164	0.184416	2.3364	2.3364	0.0878674	3.11258	3.11258	0.205754	0.447271	-2.23578
cg01319581	CTPS2;CTPS2	4.02E-05	5.21E-05	0.131663	-7.59514	0.000206414	0.189084	-5.28865	0.0019191	0.308144	-3.24523	0.000107687	0.160422	-6.23355	5.07E-05	0.130635	-7.65494
cg15514224	CTPS2;CTPS2	0.00040855	0.513282	0.901571	-1.10917	6.93E-05	0.321121	-3.11409	0.000256593	0.390352	-2.56179	0.340361	0.857642	-1.16599	0.000649794	0.441643	-2.26427
cg14814815	CTPS2;CTPS2	0.0165777	0.0166672	0.252791	-3.95584	0.00742029	0.197395	-5.066	0.0164043	0.25159	-3.97472	0.228088	0.551446	-1.81341	0.00145881	0.115013	-8.69467
ch.X.253162F	CTPS2;CTPS2;CTPS2	0.00845421	0.000442708	0.0397979	-25.1269	0.00597333	0.123813	-8.07673	0.752272	1.20209	1.20209	0.175432	0.432789	-2.31059	0.0792137	0.322172	-3.10393
cg09979033	CTPS2;CTPS2;CTPS2	0.0400881	0.553536	0.84261	-1.18679	0.616943	0.865805	-1.15499	0.00110444	0.253054	-3.95173	0.478044	0.813748	-1.22888	0.0793564	0.573218	-1.74454
cg25523185	CTPS2;CTPS2;CTPS2;CTPS2	0.00411923	0.0826858	0.7587	-1.31804	0.208648	0.826585	-1.2098	0.000101017	2.6917	2.6917	0.756661	0.95632	-1.04568	0.888526	1.02036	1.02036
cg20473379	CTPS2;CTPS2;CTPS2;CTPS2	0.00753026	0.00383953	0.442088	-2.26199	0.447699	1.17597	1.17597	0.360223	1.21779	1.21779	0.880218	0.968906	-1.03209	0.0410437	0.610262	-1.63864
cg01732428	CTPS2;CTPS2;CTPS2;CTPS2	0.0135211	0.0958398	0.735281	-1.36002	0.234912	0.811152	-1.23281	0.0888672	1.37093	1.37093	0.0200861	1.6024	1.6024	0.12473	1.32235	1.32235
cg09841635	CTPS2;CTPS2;CTPS2;CTPS2	0.0188837	0.0141843	0.638237	-1.56682	0.26329	1.18893	1.18893	0.271458	0.84376	-1.18517	0.802791	0.963548	-1.03783	0.0141001	1.5677	1.5677
cg06002208	CTPS2;CTPS2;S100G;CTPS2	3.81E-06	0.594038	1.04792	1.04792	7.95E-07	0.316107	-3.16349	0.00242762	0.692617	-1.4438	0.00259724	0.695552	-1.43771	3.74E-07	0.280941	-3.55946
cg14453321	CTPS2;CTPS2;S100G;CTPS2	0.00679496	0.325893	0.742185	-1.34737	0.0713181	0.553188	-1.8077	0.0113688	0.394004	-2.53804	0.0151385	0.415943	-2.40417	0.000407426	0.191859	-5.21216
cg24885603	CTPS2;S100G;CTPS2;CTPS2	7.54E-05	0.803099	1.04007	1.04007	0.571537	0.914012	-1.09408	4.68E-05	0.29889	-3.34571	6.22E-05	0.313268	-3.19216	1.31E-05	0.237455	-4.21132
cg06138173	CTPS2;S100G;CTPS2;CTPS2	0.0088717	0.00643763	0.41677	-2.3994	0.00601558	0.412103	-2.42658	0.00511379	0.40105	-2.49345	0.880177	1.03796	1.03796	0.00459011	0.393795	-2.53939
cg02261543	CTR9	0.00286246	0.997947	0.999332	-1.00067	0.000668306	3.87017	3.87017	0.00116402	3.45395	3.45395	0.879187	1.04033	1.04033	0.0107055	0.4344	-2.30203
cg23952952	CTR9	0.0037215	0.319907	0.900484	-1.11051	5.44E-05	2.15312	2.15312	0.0811584	1.21797	1.21797	0.374274	1.09747	1.09747	0.112431	1.19273	1.19273
cg03961189	CTR9	0.0132599	0.59247	0.811818	-1.2318	0.112995	0.504425	-1.98246	0.444259	0.739328	-1.35258	0.034554	0.366364	-2.72952	0.000346583	0.0686222	-14.5725
cg15309028	CTR9	0.0162518	0.002573	0.325186	-3.07517	0.022067	2.09148	2.09148	0.423548	1.24569	1.24569	0.300632	0.749555	-1.33412	0.997931	0.999303	-1.0007
cg23570433	CTR9;CTR9	0.00814896	0.533663	1.06573	1.06573	0.828523	0.978334	-1.02215	0.484994	0.930851	-1.07429	0.50405	0.933824	-1.07087	0.101821	0.834557	-1.19824
cg08657710	CTRB1	0.0426668	0.0481643	0.338651	-2.95289	0.489423	0.714141	-1.40028	0.223922	0.541939	-1.84523	0.973322	1.01616	1.01616	0.0879451	0.405381	-2.46682
cg02231601	CTRB2	0.000200339	0.00103834	0.39117	-2.55643	0.700202	1.07764	1.07764	0.00494619	0.487101	-2.05296	0.571016	1.117	1.117	1.84E-05	0.185031	-5.40449
cg06277697	CTRB2	0.0185112	0.00896678	0.301887	-3.3125	0.0228985	0.374967	-2.6669	0.39876	0.732476	-1.36523	0.0450861	0.436669	-2.29006	0.0201137	0.364083	-2.74663
cg00532824	CTRB2	0.0330762	0.158687	0.735822	-1.35902	0.0433315	0.623015	-1.6051	0.00454829	0.463222	-2.15879	0.839299	0.9595	-1.04221	0.535718	1.13621	1.13621
cg13551783	CTRC	0.000171694	0.00798988	0.500376	-1.9985	0.00545248	0.474957	-2.10545	0.000157656	0.268077	-3.73027	0.427059	1.17958	1.17958	1.87E-05	0.16969	-5.89309
cg23064554	CTRC	0.00807241	0.412676	1.15629	1.15629	0.054392	1.46005	1.46005	0.0843147	1.39251	1.39251	0.300338	1.20453	1.20453	0.00402886	0.511794	-1.95391
cg03096785	CTRC	0.00820881	0.175099	0.814937	-1.22709	0.827795	0.969558	-1.0314	0.00272955	0.555938	-1.79876	0.00798822	0.617267	-1.62004	0.987093	0.997707	-1.0023
cg06358218	CTRC	0.0189345	0.937265	1.01018	1.01018	0.516598	0.918838	-1.08833	0.320229	0.876165	-1.14134	0.533016	0.921943	-1.08467	0.120808	1.24179	1.24179
cg08107352	CTRC	0.0329706	0.301207	1.2015	1.2015	0.344074	1.18178	1.18178	0.899072	1.02198	1.02198	0.984209	1.0034	1.0034	0.00367321	0.510148	-1.96022
cg20858526	CTRC	0.037701	0.118577	0.579325	-1.72615	0.300874	0.707951	-1.41253	0.042072	0.470172	-2.12688	0.0675377	0.516901	-1.93461	0.019632	0.403214	-2.48007
cg07117311	CTRL	0.000110258	0.00135012	0.369994	-2.70275	0.00201211	2.53638	2.53638	0.0123932	0.514361	-1.94416	0.0487409	1.61726	1.61726	9.61E-05	0.227112	-4.40312
cg06625077	CTRL	0.000999231	0.0264037	0.726608	-1.37626	0.000831629	0.543167	-1.84105	0.000142035	0.451097	-2.21682	0.00262529	0.60334	-1.65744	0.00268443	0.604509	-1.65423
cg01281038	CTRL	0.023621	0.709218	0.92269	-1.08379	0.0139279	1.92034	1.92034	0.152635	0.719601	-1.38966	0.701471	1.08625	1.08625	0.014374	0.523008	-1.91202
cg04205655	CTRL;CTRL	0.0450871	0.0419689	0.197498	-5.06334	0.721081	0.780287	-1.28158	0.145262	0.338784	-2.95174	0.355601	1.93019	1.93019	0.75504	1.24184	1.24184
cg05136650	CTSA;CTSA;CTSA	0.000243967	0.000148635	0.187688	-5.32799	7.77E-05	0.156815	-6.37695	0.00917272	0.44708	-2.23674	0.00561037	0.410747	-2.43459	2.28E-05	0.106793	-9.36387
cg03206537	CTSA;CTSA;CTSA	0.00614719	0.961606	1.02435	1.02435	0.00567069	0.163095	-6.13139	0.0405594	0.306731	-3.26018	0.03006	0.279434	-3.57866	0.00174206	0.107451	-9.30654
cg06670911	CTSA;CTSA;CTSA;NEURL2;CTSA;CTSA;CTSA	0.00276796	0.199111	0.846523	-1.1813	0.180908	1.19059	1.19059	0.86756	0.979713	-1.02071	0.116846	1.23271	1.23271	0.307963	0.878457	-1.13836
cg13788090	CTSA;CTSA;CTSA;NEURL2;CTSA;CTSA;CTSA	0.0460102	0.184014	0.433937	-2.30448	0.796373	1.16554	1.16554	0.00123637	0.0609628	-16.4035	0.408647	0.606146	-1.64977	0.0839442	0.32211	-3.10453
cg13270406	CTSA;CTSA;NEURL2;CTSA	0.0129618	0.0364006	0.577158	-1.73263	0.0313789	1.76922	1.76922	0.164815	1.39776	1.39776	0.786106	0.940383	-1.0634	0.0597046	0.618675	-1.61636
cg11992317	CTSA;CTSA;NEURL2;CTSA	0.0292251	0.261151	1.17515	1.17515	0.263365	1.1742	1.1742	0.912262	0.984934	-1.0153	0.870528	1.02272	1.02272	0.0563834	0.742636	-1.34655
cg08260891	CTSA;NEURL2;CTSA;CTSA	0.030368	0.683672	1.14096	1.14096	0.00415199	3.44476	3.44476	0.0410503	2.13592	2.13592	0.109888	1.75238	1.75238	0.058473	0.502494	-1.99008
cg21281001	CTSB;CTSB;CTSB;CTSB;CTSB	0.00392876	0.120315	0.601591	-1.66226	0.419827	0.787665	-1.26957	0.0224453	2.42447	2.42447	?	?	?	0.0111875	0.344806	-2.90018
cg20539307	CTSB;CTSB;CTSB;CTSB;CTSB	0.00505935	0.310679	0.753848	-1.32653	0.466197	1.2211	1.2211	0.0433035	0.53466	-1.87035	0.0760414	1.70201	1.70201	0.00126956	0.281773	-3.54896
cg00276098	CTSB;CTSB;CTSB;CTSB;CTSB	0.00882901	0.433365	1.22604	1.22604	0.436664	0.81687	-1.22418	0.837159	1.05386	1.05386	0.0189411	2.06348	2.06348	0.132055	0.660771	-1.51338
cg18787975	CTSB;CTSB;CTSB;CTSB;CTSB	0.0162598	0.610316	1.05048	1.05048	0.450407	0.928958	-1.07647	0.0435922	1.24898	1.24898	0.158991	0.865672	-1.15517	0.192252	0.876116	-1.1414
cg22654980	CTSB;CTSB;CTSB;CTSB;CTSB	0.0295028	0.00615098	0.491505	-2.03457	0.1933	0.760663	-1.31464	0.0484743	0.638913	-1.56516	0.147365	0.734207	-1.36201	0.00467152	0.473583	-2.11156
cg03654169	CTSB;CTSB;CTSB;CTSB;CTSB	0.0494175	0.659576	1.10798	1.10798	0.164457	1.4093	1.4093	0.139159	1.44511	1.44511	0.880564	0.96582	-1.03539	0.0061953	0.437963	-2.2833
cg22139271	CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB	0.00685952	0.320847	0.826383	-1.21009	0.000147449	0.297162	-3.36517	0.736991	0.939256	-1.06467	0.690288	1.07731	1.07731	0.316141	1.2125	1.2125
cg16118839	CTSC;CTSC;CTSC	0.000306246	7.87E-05	0.232117	-4.30818	0.644314	0.909286	-1.09976	0.00138788	0.387519	-2.58052	0.0328784	0.600202	-1.66611	5.60E-05	0.216067	-4.62819
cg15581365	CTSC;CTSC;CTSC	0.00308132	0.000882301	0.388674	-2.57285	0.387746	0.845487	-1.18275	0.377754	1.18719	1.18719	0.948996	1.0122	1.0122	0.00028234	0.324616	-3.08056
cg01742905	CTSC;CTSC;CTSC	0.00388757	0.0176991	0.648201	-1.54273	0.793765	0.962545	-1.03891	0.74077	0.952767	-1.04957	0.119855	0.77964	-1.28264	0.745335	0.953616	-1.04864
cg16588061	CTSC;CTSC;CTSC	0.00504523	0.0549964	0.815521	-1.22621	0.00263961	1.47697	1.47697	0.0344685	1.26003	1.26003	0.255628	0.89474	-1.11764	0.129565	0.857715	-1.16589
cg15571376	CTSC;CTSC;CTSC	0.00772682	0.000437941	0.371971	-2.68838	0.0242733	0.620014	-1.61287	0.408385	1.16244	1.16244	0.0281754	0.630408	-1.58627	0.0378755	0.651447	-1.53504
cg09280946	CTSC;CTSC;CTSC	0.0208548	?	?	?	0.194799	0.696753	-1.43523	0.832361	0.945685	-1.05743	0.153197	1.49627	1.49627	0.414442	0.802687	-1.24582
cg03596479	CTSC;CTSC;CTSC	0.0250984	0.0734002	0.525055	-1.90456	0.357653	0.736911	-1.35702	0.914711	0.966017	-1.03518	0.307352	0.711041	-1.40639	0.00172314	0.236143	-4.23472
cg22079043	CTSD;HCCA2	0.00176753	0.899167	0.982012	-1.01832	0.00376076	1.75068	1.75068	0.0739174	0.751856	-1.33004	0.00109897	1.99201	1.99201	0.0161545	0.656145	-1.52405
cg04546747	CTSD;HCCA2	0.00416529	0.122692	1.61403	1.61403	0.665916	1.1324	1.1324	0.405028	1.27616	1.27616	?	?	?	0.000116753	0.144854	-6.90349
cg12007048	CTSD;HCCA2	0.00622874	0.533881	1.17482	1.17482	0.000703573	3.74622	3.74622	0.0268559	1.95521	1.95521	0.00126842	3.3288	3.3288	0.685532	1.10971	1.10971
cg20973931	CTSD;HCCA2	0.00683217	0.651405	1.08751	1.08751	0.000280754	2.99058	2.99058	0.0506466	1.50798	1.50798	0.00216529	2.21202	2.21202	0.861497	1.03273	1.03273
cg16977799	CTSD;HCCA2	0.0406131	0.962062	1.01559	1.01559	0.00514917	0.300789	-3.32459	0.763444	1.10312	1.10312	0.329136	0.720732	-1.38748	0.237931	1.49478	1.49478
cg01421044	CTSE;CTSE	4.41E-05	0.146953	1.28771	1.28771	0.0235897	1.55141	1.55141	1.30E-05	0.226097	-4.42287	5.91E-05	0.298881	-3.34581	1.07E-05	0.21718	-4.60447
cg21478437	CTSE;CTSE	0.00766796	0.167385	0.758761	-1.31794	0.0623252	0.674639	-1.48228	0.0879872	0.702441	-1.42361	0.121965	0.730189	-1.36951	0.171971	0.761291	-1.31356
cg17330097	CTSE;CTSE	0.0230321	0.0665521	0.596596	-1.67618	0.584722	0.870617	-1.14861	0.204351	0.714426	-1.39973	0.178605	0.698531	-1.43158	0.000935346	0.289425	-3.45513
cg02290880	CTSE;CTSE	0.0463065	0.306483	1.39113	1.39113	0.274209	1.42583	1.42583	0.837013	1.06633	1.06633	0.806719	0.926417	-1.07943	0.0127714	0.381151	-2.62363
cg13652954	CTSF	0.000101031	0.163677	0.825346	-1.21161	0.763303	1.03977	1.03977	0.00112126	0.53819	-1.85808	0.126417	0.807733	-1.23803	1.09E-06	0.193658	-5.16374
cg23228609	CTSF	0.000127025	0.473588	0.8587	-1.16455	0.242628	0.774476	-1.29119	0.000999192	0.360105	-2.77697	0.142495	0.719295	-1.39025	1.55E-05	0.154451	-6.47452
cg24987259	CTSF	0.030539	0.953878	1.01999	1.01999	0.0534676	2.11805	2.11805	0.300638	1.44336	1.44336	0.984552	0.993397	-1.00665	0.00163068	0.213468	-4.68453
cg19255818	CTSF	0.0418166	0.0123116	0.195975	-5.1027	0.0746802	0.354126	-2.82385	0.149558	0.445805	-2.24313	0.036867	0.281518	-3.55217	0.0060438	0.153365	-6.52041
cg10082165	CTSG	0.000155931	0.000105605	0.276704	-3.61396	0.467717	1.14872	1.14872	0.0163071	0.576343	-1.73508	0.00121807	0.41139	-2.43078	0.000102259	0.275072	-3.63542
cg03502982	CTSG	0.000241867	0.000773326	0.211594	-4.72604	0.000110861	0.12552	-7.96684	0.105386	0.582789	-1.71589	0.596801	0.849651	-1.17695	0.000117687	0.127759	-7.82723
cg24355048	CTSG	0.000336945	4.89E-05	0.0759453	-13.1674	0.000411157	0.150404	-6.64876	0.151819	0.595368	-1.67963	0.00566154	0.293446	-3.40778	0.000752559	0.177972	-5.61886
cg01697902	CTSG	0.00191725	0.00013697	0.116157	-8.60905	0.0912491	1.83493	1.83493	0.861425	1.05868	1.05868	0.0197903	0.399179	-2.50514	0.0118553	0.358713	-2.78774
cg24777950	CTSG	0.0123086	0.161526	0.675554	-1.48027	0.626973	0.879426	-1.13711	0.460725	0.821173	-1.21777	0.0013402	0.294406	-3.39667	0.00407327	0.363671	-2.74974
cg14932313	CTSG	0.0169188	0.012584	0.134769	-7.42011	0.251177	0.460997	-2.16921	0.0166235	0.151225	-6.61266	0.952295	1.0394	1.0394	0.00412284	0.0833368	-11.9995
cg11189107	CTSG	0.0281315	0.00251562	0.127574	-7.83859	0.0398438	0.311594	-3.20931	0.119804	0.436809	-2.28933	0.114037	0.430128	-2.32489	0.0152187	0.231564	-4.31846
cg01932691	CTSG	0.0427201	0.219773	0.487952	-2.04938	0.0601652	0.307605	-3.25093	0.0716406	0.326767	-3.06028	0.877303	0.917674	-1.08971	0.00533319	0.129875	-7.69971
cg17270013	CTSH;CTSH	0.00173216	0.00105332	0.264023	-3.78755	0.779183	1.08031	1.08031	0.14263	0.648512	-1.54199	0.495789	1.20933	1.20933	0.000857203	0.252569	-3.95931
cg18738367	CTSH;CTSH	0.0163624	0.00719553	0.361928	-2.76298	0.0451238	0.509956	-1.96096	0.0160395	0.421703	-2.37134	0.0346256	0.485947	-2.05784	0.0468049	0.51336	-1.94795
cg02145220	CTSH;CTSH	0.0480711	0.0231622	0.455286	-2.19642	0.0759747	1.77241	1.77241	0.431394	0.792357	-1.26206	0.344922	0.754316	-1.3257	0.0297569	0.476475	-2.09874
cg16516490	CTSK	0.00110829	0.224912	0.737352	-1.3562	0.353693	1.25621	1.25621	0.00064256	0.285897	-3.49776	0.00123546	0.323371	-3.09242	0.00567066	0.42001	-2.38089
cg24928183	CTSK	0.0141119	0.203746	1.41832	1.41832	0.144357	0.664631	-1.50459	0.188593	0.695647	-1.43751	0.50819	0.83956	-1.1911	0.0008104	0.268179	-3.72885
cg00253735	CTSK	0.0229173	0.114863	0.454126	-2.20203	0.192551	0.52995	-1.88697	0.00941837	0.219735	-4.55093	0.1424	0.483841	-2.06679	0.0904224	0.423595	-2.36074
cg11946165	CTSK	0.0403089	0.923691	1.03047	1.03047	0.0155589	2.53308	2.53308	0.0659639	0.524012	-1.90835	0.416694	1.29697	1.29697	0.0469556	0.490462	-2.0389
cg13985445	CTSL1;CTSL1	0.000320641	0.897047	0.984042	-1.01622	2.40E-06	4.15304	4.15304	0.400178	1.11295	1.11295	0.821721	1.02844	1.02844	0.636896	1.06087	1.06087
cg11306701	CTSL1;CTSL1	0.00400055	0.00504221	0.653615	-1.52995	0.0139555	1.41643	1.41643	0.765027	0.966217	-1.03496	0.153618	0.83932	-1.19144	0.0214647	0.728507	-1.37267
cg11154542	CTSL1;CTSL1	0.00540653	0.218488	0.819985	-1.21953	0.00111504	2.08817	2.08817	0.404952	1.13958	1.13958	0.0763064	1.35309	1.35309	0.394869	0.874922	-1.14296
cg14190128	CTSL1;CTSL1	0.0265592	0.060592	0.677422	-1.47618	0.271273	1.2347	1.2347	0.0211058	0.60018	-1.66617	0.650679	0.91951	-1.08754	0.0641367	0.681846	-1.46661
cg14236855	CTSL1;CTSL1;CTSL1;CTSL1	0.00478204	0.111638	0.802124	-1.24669	0.216338	0.847417	-1.18006	0.00876786	0.653884	-1.52932	0.518311	0.920042	-1.08691	0.00142163	0.555741	-1.7994
cg02740582	CTSL2	0.000720119	0.729562	0.952712	-1.04964	0.0505134	1.36492	1.36492	0.00571963	1.65823	1.65823	0.775936	1.04064	1.04064	0.85472	0.97474	-1.02591
cg14316246	CTSL2	0.00123987	0.847919	0.965841	-1.03537	0.872302	1.02955	1.02955	0.0242948	0.61506	-1.62586	0.35522	0.841839	-1.18788	0.0301564	0.63031	-1.58652
cg00844308	CTSL2	0.00294454	0.00223551	0.397764	-2.51405	0.360538	0.816753	-1.22436	0.707848	0.922132	-1.08444	0.00957184	2.02686	2.02686	0.00089475	0.342676	-2.91821
cg13234643	CTSL2;CTSL2	0.000489306	0.00145157	0.745324	-1.3417	0.0562118	0.870965	-1.14815	0.469376	1.04815	1.04815	0.234616	1.08285	1.08285	0.0360636	1.16856	1.16856
cg13763503	CTSL2;CTSL2	0.00415601	0.520015	0.937845	-1.06627	0.400695	1.08833	1.08833	0.570829	1.05799	1.05799	0.0752265	1.21522	1.21522	0.522879	1.06579	1.06579
cg01930204	CTSL3	0.000115979	0.257256	0.820833	-1.21827	0.000266524	0.368073	-2.71685	0.0236517	0.636896	-1.57011	0.00173339	0.474221	-2.10872	0.567549	1.1013	1.1013
cg01952807	CTSL3	0.000289522	0.976203	0.994571	-1.00546	0.501941	1.13244	1.13244	0.0001569	0.307099	-3.25628	0.00053281	0.37378	-2.67537	0.265169	0.809012	-1.23608
cg14188969	CTSL3	0.00224607	0.841308	1.06159	1.06159	0.00385348	0.313198	-3.19287	0.000531175	0.20025	-4.99375	0.338444	0.745149	-1.34201	0.000510638	0.198307	-5.04268
cg21168489	CTSL3	0.0026283	0.115959	0.589287	-1.69697	0.00158178	4.07167	4.07167	0.228905	0.676489	-1.47822	0.0533965	0.507028	-1.97228	0.00673897	0.337103	-2.96645
cg10592446	CTSO	0.0229277	0.415538	1.59858	1.59858	?	?	?	0.725073	1.22023	1.22023	0.858949	0.90459	-1.10547	0.785435	1.16629	1.16629
cg11754095	CTSO	0.0360998	0.0259055	0.559155	-1.78841	0.649392	0.904288	-1.10584	0.087158	1.51467	1.51467	0.559879	1.13837	1.13837	0.0166917	1.90889	1.90889
cg15900387	CTSS	0.000277281	0.314897	1.20529	1.20529	0.000283854	0.344593	-2.90198	2.84E-05	0.227926	-4.38739	0.0580199	1.46959	1.46959	0.000321419	0.351398	-2.84577
cg26891210	CTSS	0.00277217	0.128819	1.39963	1.39963	0.0182064	0.555867	-1.79899	0.000157416	0.265982	-3.75965	0.95837	0.989365	-1.01075	0.0308052	1.68121	1.68121
cg10954654	CTSS	0.0160269	0.013374	0.158694	-6.30145	0.148581	0.394195	-2.53681	0.0132829	0.158275	-6.31812	0.331635	0.547828	-1.82539	0.00279702	0.0841422	-11.8846
cg18892169	CTSS	0.0350986	0.0114451	0.104304	-9.58733	0.0923993	0.266316	-3.75493	0.0480283	0.198999	-5.02515	0.0737638	0.240788	-4.15303	0.00484215	0.0693085	-14.4282
cg25470561	CTSW	5.58E-05	0.0547295	0.631363	-1.58388	0.00413526	0.444177	-2.25135	0.000354747	0.298059	-3.35504	4.06E-05	0.19147	-5.22274	0.0088793	0.495186	-2.01944
cg01669108	CTSW	0.000307412	0.122539	0.765584	-1.30619	0.105335	0.753923	-1.32639	0.0195714	0.637421	-1.56882	0.621338	1.08273	1.08273	0.000141507	0.350605	-2.85221
cg08416661	CTSW	0.0413394	0.0174812	0.152134	-6.57313	0.0148724	0.142265	-7.02914	0.549483	0.6742	-1.48324	0.287334	0.487164	-2.0527	0.0349141	0.201855	-4.95404
cg07631828	CTSZ	0.000486024	0.0108261	2.99549	2.99549	0.00571261	3.46368	3.46368	0.0371834	2.29158	2.29158	0.18428	1.62057	1.62057	0.0371862	2.29155	2.29155
cg20278790	CTSZ	0.00143004	0.958454	1.00654	1.00654	0.625444	1.06345	1.06345	0.000240879	0.467813	-2.13761	0.00226396	0.586159	-1.70602	0.0375721	0.739582	-1.35212
cg23679724	CTSZ	0.00144109	0.714813	1.07047	1.07047	0.590175	1.10616	1.10616	0.8716	1.03047	1.03047	0.303622	0.8206	-1.21862	0.555094	1.11714	1.11714
cg06942450	CTSZ	0.00181968	0.00569159	0.661419	-1.5119	0.00415075	0.645337	-1.54958	0.000389338	0.524857	-1.90528	0.000575955	0.544842	-1.83539	0.117629	0.823901	-1.21374
cg23265096	CTSZ	0.0054923	0.0737562	1.79183	1.79183	0.00917065	2.63314	2.63314	0.957726	0.984609	-1.01563	0.888725	1.04181	1.04181	0.0336073	2.06728	2.06728
cg21331324	CTSZ	0.00617584	0.646719	0.946483	-1.05654	0.0976728	1.24183	1.24183	0.109386	0.812163	-1.23128	0.019754	0.714954	-1.39869	0.390482	1.11057	1.11057
cg18563860	CTSZ	0.0067971	0.0704956	0.63298	-1.57983	0.208218	0.740694	-1.35009	0.00458964	0.425869	-2.34814	0.195324	0.733552	-1.36323	0.000739576	0.313684	-3.18792
cg17398227	CTSZ	0.00725289	0.721058	1.05187	1.05187	0.882247	1.02113	1.02113	0.263381	0.848345	-1.17877	0.188262	1.21733	1.21733	0.0633893	1.34243	1.34243
cg08545593	CTSZ	0.0137066	0.748136	0.927413	-1.07827	0.218357	0.738713	-1.35371	0.616365	1.12542	1.12542	0.0191511	0.515265	-1.94075	0.403068	1.22159	1.22159
cg00539174	CTSZ	0.0263629	0.0621517	0.559461	-1.78743	0.474808	1.22264	1.22264	0.00824058	0.392736	-2.54624	0.143839	0.647695	-1.54394	0.377615	0.778501	-1.28452
cg06385087	CTSZ	0.0342044	0.068428	6.41974	6.41974	0.459985	1.98509	1.98509	0.159515	3.9358	3.9358	0.232571	3.12985	3.12985	0.178173	3.68384	3.68384
cg13021192	CTSZ;CTSZ	0.0332426	0.0261229	11.1327	11.1327	0.308313	2.619	2.619	0.115892	4.7604	4.7604	0.104518	5.05393	5.05393	0.230176	3.15649	3.15649
cg11213143	CTTN;CTTN	7.55E-05	0.437725	0.880181	-1.13613	0.0925004	0.741929	-1.34784	1.74E-05	0.24216	-4.1295	0.000104061	0.330775	-3.0232	1.57E-05	0.237361	-4.213
cg01966470	CTTN;CTTN	0.000333277	0.329755	0.878023	-1.13892	0.297265	1.15	1.15	0.0143098	1.47793	1.47793	1.84E-05	0.323371	-3.09242	0.379908	0.890033	-1.12355
cg15345391	CTTN;CTTN	0.00066147	0.239004	0.740658	-1.35015	0.0131147	2.11481	2.11481	0.736879	1.08556	1.08556	7.65E-05	0.174633	-5.7263	0.000291211	0.237377	-4.21271
cg15465439	CTTN;CTTN	0.00254474	0.00605435	0.329645	-3.03357	0.899269	0.961555	-1.03998	0.000891732	0.214298	-4.6664	0.978211	1.00849	1.00849	0.10893	0.582056	-1.71805
cg04197449	CTTN;CTTN	0.0030686	0.0372429	0.831277	-1.20297	0.00266651	0.728001	-1.37362	0.503347	1.05327	1.05327	0.595137	0.959841	-1.04184	0.0244147	0.814693	-1.22746
cg13414679	CTTN;CTTN	0.00391875	0.0262192	0.333435	-2.99909	0.0259983	0.332699	-3.00572	0.41406	0.706272	-1.41588	0.185923	0.557596	-1.79341	0.0176451	0.300502	-3.32777
cg01109897	CTTN;CTTN	0.00446572	0.470307	0.763423	-1.30989	0.302187	1.48118	1.48118	0.0947267	1.96396	1.96396	0.319787	0.685331	-1.45915	0.00019008	0.0990708	-10.0938
cg14191688	CTTN;CTTN	0.00736051	0.733991	1.09562	1.09562	0.469995	1.21749	1.21749	0.390561	1.26561	1.26561	?	?	?	0.0709315	1.71635	1.71635
cg10870892	CTTN;CTTN	0.00790334	0.340064	1.34079	1.34079	0.0106764	0.383942	-2.60456	0.0533459	0.519633	-1.92444	0.518141	1.2158	1.2158	0.00414415	0.317777	-3.14686
cg17631184	CTTN;CTTN	0.00870272	0.142236	0.677827	-1.4753	0.00244325	0.353678	-2.82743	0.0500419	0.576501	-1.7346	0.188968	0.709619	-1.40921	0.00439531	0.391652	-2.55329
cg22295064	CTTN;CTTN	0.0227759	0.0548355	0.664656	-1.50454	0.622593	1.09752	1.09752	0.149607	1.33615	1.33615	0.0702327	0.684128	-1.46172	0.0338652	0.628348	-1.59147
cg23261640	CTTN;CTTN	0.0243688	0.410081	0.742038	-1.34764	0.416752	1.3417	1.3417	0.000607002	0.153871	-6.49896	0.949748	1.02257	1.02257	0.0182068	0.362281	-2.76029

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26272893	0.140456	2.06867	2.06867	0.367082	0.658655	-1.51825	0.467568	0.717513	-1.3937	0.166654	1.96147	1.96147	10.3687	31.152	2.00295	1
cg01002622	0.116767	2.76262	2.76262	0.00046639	26.6116	26.6116	0.00718304	7.92014	7.92014	0.123308	2.70595	2.70595	6.93614	39.0622	5.00595	1
cg24141382	0.0530302	0.324145	-3.08504	0.0136466	0.209444	-4.77454	0.00864436	0.179888	-5.55901	0.0507088	0.319561	-3.1293	4.27884	17.7938	3.69649	1
cg00328724	0.0944337	3.02875	3.02875	0.00932563	7.29971	7.29971	0.0408089	4.15062	4.15062	0.0479918	3.9062	3.9062	3.56984	20.5419	5.11494	1
cg01319581	0.057969	1.77599	1.77599	1.74E-05	0.0946703	-10.563	0.510567	1.19584	1.19584	0.0207431	0.47418	-2.1089	28.1986	32.0743	1.01106	1
cg15514224	0.180643	1.24878	1.24878	0.146456	1.27585	1.27585	0.0549899	1.40506	1.40506	0.791075	1.04237	1.04237	15.1118	5.84604	0.343869	1
cg14814815	0.137651	0.471335	-2.12164	0.0470524	0.34325	-2.91333	0.426566	0.682528	-1.46514	0.0468544	0.342827	-2.91692	5.01142	17.5685	3.11616	1
ch.X.253162F	?	?	?	0.0241112	0.209437	-4.7747	0.0877373	0.334385	-2.99056	0.563352	0.712066	-1.40436	6.36175	30.2584	4.7563	1
cg09979033	0.181141	1.50031	1.50031	0.138002	0.633585	-1.57832	0.628511	0.86996	-1.14948	0.908843	0.967802	-1.03327	3.68015	4.75879	1.14942	1
cg25523185	0.443969	0.893918	-1.11867	0.0743139	0.75146	-1.33074	0.739671	0.953213	-1.04908	0.221709	1.20269	1.20269	7.78322	2.54511	0.290667	1
cg20473379	0.47614	0.859184	-1.16389	0.000528694	0.322775	-3.09814	0.0197917	0.554628	-1.80301	0.805846	0.949723	-1.05294	6.46585	4.49349	0.617741	1
cg01732428	0.00161632	0.46773	-2.13799	0.557868	1.10476	1.10476	0.467214	0.883054	-1.13243	0.50972	1.11899	1.11899	5.36077	2.39955	0.397878	1
cg09841635	0.868909	0.975786	-1.02481	0.00918789	0.612117	-1.63368	0.139693	1.26597	1.26597	0.185996	1.23131	1.23131	4.79701	1.67302	0.310012	1
cg06002208	0.125369	0.865613	-1.15525	0.00147165	1.49088	1.49088	0.178387	1.13247	1.13247	0.758903	1.02715	1.02715	52.068	6.24223	0.106565	1
cg14453321	0.160032	1.55462	1.55462	0.737475	1.10394	1.10394	0.029372	0.470367	-2.126	0.825855	0.937283	-1.06691	6.67666	9.1361	1.21632	1
cg24885603	0.0289851	1.49903	1.49903	0.531059	1.10493	1.10493	0.388489	1.14911	1.14911	0.0508506	0.704808	-1.41883	23.8758	9.35114	0.34814	1
cg06138173	0.397114	1.23882	1.23882	0.221604	1.37343	1.37343	0.38319	0.801826	-1.24715	0.183209	0.705536	-1.41736	6.14027	5.93236	0.85879	1
cg02261543	0.269331	1.34852	1.34852	0.494122	1.1978	1.1978	0.100483	0.626445	-1.59631	0.144952	0.66571	-1.50215	8.6781	9.28615	0.951171	1
cg23952952	0.392611	1.09343	1.09343	0.180641	0.865042	-1.15601	0.600073	1.05544	1.05544	0.603956	1.05482	1.05482	8.02483	1.32193	0.146426	1
cg03961189	0.363645	1.43702	1.43702	0.654426	1.18966	1.18966	0.495932	0.76542	-1.30647	0.828188	0.919773	-1.08722	7.14073	15.9281	1.48707	1
cg15309028	0.0457137	1.85093	1.85093	0.0366526	1.9205	1.9205	0.317837	1.31985	1.31985	0.419896	1.24795	1.24795	5.04471	5.77177	1.017	1
cg23570433	0.0821024	0.823231	-1.21473	0.0142129	0.736796	-1.35723	0.000442081	1.75107	1.75107	0.987642	1.00157	1.00157	6.3074	1.01867	0.14356	1
cg08657710	0.165338	0.491882	-2.03301	0.00193831	0.122133	-8.18778	0.0446939	0.331195	-3.01937	0.0507525	0.343969	-2.90723	3.59624	13.0939	3.23643	1
cg02231601	4.81E-05	0.22802	-4.38559	0.851696	0.964478	-1.03683	0.00984028	0.532315	-1.87859	0.0337604	0.619341	-1.61462	18.3628	10.8612	0.525761	1
cg06277697	0.062548	0.469869	-2.12825	0.0034244	0.238588	-4.19133	0.315905	1.45306	1.45306	0.165821	0.587094	-1.70331	4.82937	9.93261	1.82818	1
cg00532824	0.21958	1.30064	1.30064	0.0394375	1.62433	1.62433	0.96095	0.99008	-1.01002	0.229544	0.773592	-1.29267	3.94678	2.59147	0.583647	1
cg13551783	0.00252421	0.425696	-2.3491	0.000205284	0.281731	-3.54949	0.000789277	0.355888	-2.80987	0.0158677	0.547887	-1.8252	19.146	12.5778	0.58395	1
cg23064554	0.495838	0.887007	-1.12739	0.379121	1.16935	1.16935	0.00132699	0.445096	-2.2467	0.572442	0.905835	-1.10395	6.32618	3.01216	0.423237	1
cg03096785	0.198588	0.824654	-1.21263	0.00258949	1.80842	1.80842	0.917663	1.01478	1.01478	0.470893	0.901149	-1.10969	6.29287	2.00698	0.283493	1
cg06358218	0.0837775	1.27929	1.27929	0.000579798	1.98385	1.98385	0.240891	0.853826	-1.1712	0.738776	1.04402	1.04402	4.79265	1.25754	0.233234	1
cg08107352	0.327109	0.84083	-1.1893	0.103128	1.35735	1.35735	0.707779	0.937509	-1.06666	0.013847	0.593799	-1.68407	3.95132	1.83783	0.413438	1
cg20858526	0.0255648	0.425398	-2.35074	0.0842507	0.540418	-1.85042	0.00292727	0.267959	-3.73192	0.255374	0.6821	-1.46606	3.76399	6.18827	1.4614	1
cg07117311	0.000910874	0.34674	-2.88401	0.00035458	0.293757	-3.40418	0.00659883	2.12396	2.12396	0.0139718	0.522908	-1.91238	21.5693	15.5822	0.642156	1
cg06625077	0.000959657	0.550651	-1.81603	0.546505	1.07684	1.07684	0.206708	0.850822	-1.17533	0.083986	0.792983	-1.26106	11.7691	2.74308	0.207177	1
cg01281038	0.134201	0.70686	-1.41471	0.0925765	0.671945	-1.48822	0.031252	1.72092	1.72092	0.454502	1.17779	1.17779	4.4438	3.24723	0.649541	1
cg04205655	0.0618633	0.233344	-4.28553	0.00312848	0.0610488	-16.3803	0.911979	1.07953	1.07953	0.0848667	0.267477	-3.73864	3.52297	26.7228	6.74247	1
cg05136650	0.03111	0.544702	-1.83587	0.681095	1.10166	1.10166	0.455208	0.836481	-1.19549	0.00736958	0.430715	-2.32172	22.1495	18.8186	0.660815	1
cg03206537	0.300166	0.584791	-1.71001	0.000815033	0.0802954	-12.454	0.0715556	0.365875	-2.73318	0.016414	0.230972	-4.32953	6.8874	27.2368	3.51519	1
cg06670911	0.958448	0.993622	-1.00642	4.10E-05	0.382729	-2.61281	0.582148	1.07063	1.07063	0.627922	0.94179	-1.06181	8.76476	2.09329	0.212294	1
cg13788090	0.896848	0.926042	-1.07986	0.327288	0.549333	-1.82039	0.669522	1.28961	1.28961	0.418459	1.63194	1.63194	3.4963	19.4318	4.94028	1
cg13270406	0.463093	1.18386	1.18386	0.002806	0.39437	-2.53569	0.167425	1.39451	1.39451	0.130157	1.44689	1.44689	5.43537	4.39596	0.718906	1
cg11992317	0.014485	0.6604	-1.51423	0.00535556	0.603412	-1.65724	0.311113	1.15527	1.15527	0.268931	1.17184	1.17184	4.12493	1.2392	0.267037	1
cg08260891	0.397774	0.756761	-1.32142	0.201728	0.647944	-1.54334	0.500551	0.802438	-1.2462	0.376472	1.33931	1.33931	4.06916	6.67799	1.45877	1
cg21281001	0.0336035	0.454249	-2.20144	0.0012912	0.171286	-5.83818	0.00289406	4.3602	4.3602	0.355203	0.758311	-1.31872	15.4954	16.321	0.658299	1
cg20539307	0.00752454	0.395934	-2.52567	0.120557	1.57391	1.57391	0.0497916	1.82718	1.82718	0.0369741	0.520702	-1.92049	7.3122	8.4035	1.02155	1
cg00276098	0.428353	1.22889	1.22889	0.000676916	0.265931	-3.76037	0.0260579	1.96048	1.96048	0.682988	0.900623	-1.11034	6.14967	6.32878	0.914779	1
cg18787975	0.68645	1.03965	1.03965	0.0234066	0.77143	-1.29629	0.00157963	1.54459	1.54459	0.88581	1.01386	1.01386	5.04388	0.733491	0.129264	1
cg22654980	0.802996	0.951539	-1.05093	0.0127533	0.540677	-1.84953	0.935575	0.984063	-1.0162	0.69621	0.924987	-1.0811	4.11114	2.57135	0.555964	1
cg03654169	0.0526734	0.600793	-1.66447	0.138781	0.69171	-1.44569	0.380403	1.23136	1.23136	0.352453	0.801457	-1.24773	3.40325	2.8838	0.753214	1
cg22139271	0.456927	0.868616	-1.15126	0.115255	1.37488	1.37488	0.765901	1.05708	1.05708	0.125125	1.36156	1.36156	6.65704	3.64442	0.486625	1
cg16118839	0.399808	0.838362	-1.1928	0.214605	0.76549	-1.30635	0.0748557	1.50056	1.50056	0.00089502	0.361584	-2.76561	16.3576	10.8398	0.589045	1
cg15581365	0.0218175	0.59342	-1.68515	0.242953	1.26069	1.26069	0.531641	0.88681	-1.12764	0.275282	1.2401	1.2401	8.49041	4.83363	0.506048	1
cg01742905	0.746949	0.953915	-1.04831	8.91E-05	0.323536	-3.09084	0.851752	0.973113	-1.02763	0.0582141	1.37415	1.37415	9.25755	3.04514	0.255839	1
cg16588061	0.191255	0.878377	-1.13846	0.00403868	0.696351	-1.43606	0.151456	1.15494	1.15494	0.0654038	1.21389	1.21389	7.31844	1.01808	0.123655	1
cg15571376	0.187042	1.28266	1.28266	0.302623	0.826894	-1.20934	0.194139	0.783075	-1.27702	0.318036	1.20167	1.20167	6.4138	3.21865	0.446072	1
cg09280946	0.193586	1.4368	1.4368	0.000856459	0.2673	-3.74112	0.422098	0.805695	-1.24116	0.458946	1.21978	1.21978	4.72162	4.61389	0.977183	1
cg03596479	0.162335	0.617896	-1.6184	0.00619142	0.315984	-3.16472	0.649596	1.15906	1.15906	0.0463196	0.478723	-2.08889	4.35128	7.17758	1.46625	1
cg22079043	0.00717351	1.64383	1.64383	0.494669	1.10439	1.10439	0.0085378	0.618468	-1.6169	0.0952023	1.30018	1.30018	9.9944	3.24522	0.288626	1
cg04546747	0.802886	1.07421	1.07421	0.97397	1.00938	1.00938	0.739509	0.908907	-1.10022	0.0637526	1.8158	1.8158	7.92592	9.14165	1.15339	1
cg12007048	0.0375019	1.8538	1.8538	0.210161	0.713412	-1.40171	0.802741	0.938	-1.0661	0.146793	1.48917	1.48917	6.85938	7.10403	0.920593	1
cg20973931	0.032761	1.58521	1.58521	0.896172	0.976206	-1.02437	0.759115	1.05837	1.05837	0.327757	1.20482	1.20482	6.66532	3.59125	0.47893	1
cg16977799	0.191612	1.56756	1.56756	0.0325208	0.44321	-2.25627	0.298932	1.41917	1.41917	0.148975	1.65409	1.65409	3.66254	6.13315	1.4885	1
cg01421044	0.219558	0.810803	-1.23335	0.808475	1.04024	1.04024	0.056775	0.704495	-1.41946	0.0130391	0.606303	-1.64934	27.5173	11.5016	0.371535	1
cg21478437	0.147128	1.33888	1.33888	0.000429383	2.84417	2.84417	0.642883	0.916138	-1.09154	0.447917	0.864951	-1.15613	6.42921	3.58289	0.495362	1
cg17330097	0.131662	0.6646	-1.50466	0.0633082	0.591956	-1.68932	0.0213718	0.499422	-2.00231	0.0185831	0.488463	-2.04724	4.4827	4.47498	0.887357	1
cg02290880	0.255859	1.4475	1.4475	0.0206797	2.38396	2.38396	0.562262	1.20044	1.20044	0.0491249	0.496426	-2.0144	3.48787	5.37055	1.36869	1
cg13652954	0.199683	0.83948	-1.19121	0.0157879	0.682541	-1.46511	0.365091	1.1277	1.1277	0.248799	0.855836	-1.16845	22.0799	5.83192	0.234781	1
cg23228609	0.415445	1.19002	1.19002	1.38E-05	0.15004	-6.6649	0.326692	1.23569	1.23569	0.752366	0.935985	-1.06839	20.7654	14.3659	0.614951	1
cg24987259	0.300178	0.692567	-1.4439	0.393317	0.74142	-1.34876	0.712354	1.13509	1.13509	0.135474	1.73419	1.73419	4.06104	7.52978	1.64813	1
cg19255818	0.0324589	0.270086	-3.70252	0.947613	0.966228	-1.03495	0.0894204	0.375632	-2.66218	0.166489	0.462402	-2.16262	3.6232	15.6866	3.84843	1
cg10082165	0.000158337	0.297576	-3.36048	0.00342418	0.474191	-2.10886	0.000313253	0.334083	-2.99327	0.000335701	0.337877	-2.95966	19.6504	10.9566	0.495626	1
cg03502982	0.0541807	0.513303	-1.94817	0.00722182	0.347149	-2.88061	9.93E-05	0.121449	-8.23388	0.00036463	0.174975	-5.7151	17.4464	25.7351	1.31119	1
cg24355048	0.00266231	0.245773	-4.06879	0.0733252	0.509438	-1.96295	0.000231996	0.127027	-7.87234	0.00119243	0.201026	-4.97447	15.9347	28.7879	1.60588	1
cg01697902	0.290491	0.69907	-1.43047	0.564648	1.20927	1.20927	0.00773154	0.327399	-3.05438	0.00408261	0.284296	-3.51746	9.76123	16.4648	1.49934	1
cg24777950	0.933573	0.978367	-1.02211	0.0781079	1.67119	1.67119	0.116127	0.638913	-1.56516	0.0379289	0.531851	-1.88023	5.52773	6.02553	0.968939	1
cg14932313	0.0147151	0.14381	-6.95363	0.0503841	0.236802	-4.22293	0.0395817	0.214955	-4.65214	0.0107347	0.126099	-7.93026	4.97745	32.8862	5.87292	1
cg11189107	0.0775675	0.381841	-2.61889	0.0236311	0.265507	-3.76638	0.0476936	0.32915	-3.03813	0.0596673	0.352406	-2.83763	4.18087	15.947	3.39046	1
cg01932691	0.348831	0.584892	-1.70972	0.0122933	0.176594	-5.6627	0.0651406	0.316176	-3.1628	0.0285399	0.237668	-4.20756	3.59457	17.604	4.35324	1
cg17270013	0.0765785	0.581966	-1.71831	0.000187863	0.176985	-5.6502	0.0201563	0.462938	-2.16012	0.0577747	0.554567	-1.80321	10.0531	12.025	1.06325	1
cg18738367	0.428595	0.789193	-1.26712	0.00272979	0.297603	-3.36018	0.00913184	0.379027	-2.63834	0.166121	0.648819	-1.54126	5.03331	6.84135	1.20819	1
cg02145220	0.0693727	0.555006	-1.80178	0.156954	0.644853	-1.55074	0.694519	0.891906	-1.12119	0.019475	0.441083	-2.26714	3.43905	4.57519	1.18255	1
cg16516490	0.000848009	0.301515	-3.31658	0.000552222	0.277545	-3.60302	0.00692136	0.433678	-2.30586	0.478156	0.841666	-1.18812	11.4278	10.3414	0.804386	1
cg24928183	0.24648	1.37128	1.37128	0.0663189	1.71011	1.71011	0.396978	1.25353	1.25353	0.115151	0.640009	-1.56248	5.28603	5.6823	0.955525	1
cg00253735	0.121492	0.46166	-2.16609	0.00274252	0.14909	-6.70738	0.168007	1.9669	1.9669	0.0392676	0.333502	-2.99848	4.49043	15.0746	2.98405	1
cg11946165	0.238903	0.679496	-1.47168	0.0278921	0.443088	-2.25689	0.696576	0.884472	-1.13062	0.275473	1.42677	1.42677	3.67271	5.70863	1.38163	1
cg13985445	0.524416	1.08346	1.08346	0.85672	1.02271	1.02271	0.129684	1.2256	1.2256	0.777244	0.965367	-1.03587	16.153	3.9505	0.217393	1
cg11306701	0.700497	0.956654	-1.04531	0.00117795	0.57944	-1.7258	0.0381866	1.31713	1.31713	0.35457	1.11538	1.11538	7.85216	1.63477	0.185062	1
cg11154542	0.162529	1.25687	1.25687	0.618866	0.925984	-1.07993	0.000508371	2.29962	2.29962	0.847755	0.970958	-1.02991	7.16514	2.66819	0.331009	1
cg14190128	0.0118535	1.78303	1.78303	0.758439	1.05843	1.05843	0.216056	0.786899	-1.27081	0.0490675	0.661276	-1.51223	4.2662	2.28956	0.477043	1
cg14236855	0.0198994	0.699312	-1.42998	0.00063406	0.512746	-1.95028	0.475555	0.911807	-1.09672	0.130213	1.23121	1.23121	7.439	1.90793	0.22798	1
cg02740582	0.187828	1.21509	1.21509	0.585394	0.925989	-1.07993	9.43E-06	3.79625	3.79625	0.790424	0.963503	-1.03788	12.908	3.9832	0.274297	1
cg14316246	0.00899668	1.82445	1.82445	0.000647632	0.387856	-2.57828	0.000133273	0.30152	-3.31653	0.563634	0.899708	-1.11147	11.068	5.74463	0.461361	1
cg00844308	0.225008	1.31577	1.31577	0.093891	1.48687	1.48687	0.300076	1.26017	1.26017	0.0332058	0.585034	-1.7093	8.60568	6.32024	0.652824	1
cg13234643	0.362333	0.941934	-1.06165	0.760333	0.980642	-1.01974	3.56E-05	1.66471	1.66471	0.00422526	1.27726	1.27726	14.3765	0.929449	0.0574673	1
cg13763503	0.172751	1.15348	1.15348	7.77E-05	0.494709	-2.02139	0.716301	1.03657	1.03657	0.896976	1.01283	1.01283	7.76236	1.1904	0.136316	1
cg01930204	0.921069	0.983586	-1.01669	0.000116703	0.323933	-3.08706	6.67E-06	0.187989	-5.31945	0.00184374	0.477853	-2.09269	21.2787	9.39746	0.392566	1
cg01952807	0.225693	0.792777	-1.26139	0.0001561	0.30683	-3.25913	6.14E-05	0.259393	-3.85516	0.131206	0.742728	-1.34639	16.6109	8.76359	0.46896	1
cg14188969	0.463119	0.800394	-1.24939	0.0212413	0.437971	-2.28326	0.106861	0.591666	-1.69014	0.00161888	0.259983	-3.84641	9.32057	13.1198	1.25121	1
cg21168489	0.0755034	1.84495	1.84495	0.00113415	0.22713	-4.40277	0.119127	0.592427	-1.68797	0.92737	0.972174	-1.02862	8.89983	13.5046	1.3488	1
cg10592446	0.000774726	0.0568187	-17.5998	0.763051	0.843293	-1.18583	0.130152	2.51314	2.51314	0.252049	1.96301	1.96301	4.56934	20.4408	4.47347	1
cg11754095	0.0444203	1.66107	1.66107	0.27027	0.776987	-1.28702	0.343282	1.23938	1.23938	0.0681495	1.56674	1.56674	3.82398	2.92647	0.680261	1
cg15900387	0.275761	1.22594	1.22594	0.73622	0.941061	-1.06263	0.431644	0.865712	-1.15512	0.274606	0.815266	-1.22659	16.8082	8.59377	0.454475	1
cg26891210	0.496419	1.15194	1.15194	0.0533954	1.56746	1.56746	0.845423	1.04079	1.04079	0.111059	0.700764	-1.42701	8.76082	5.82158	0.590669	1
cg10954654	0.101806	0.340926	-2.93319	0.00519234	0.109007	-9.17375	0.0256704	0.20345	-4.91522	0.0374006	0.234283	-4.26834	5.06816	28.9753	5.0819	1
cg18892169	0.116186	0.29535	-3.38581	0.0243418	0.147042	-6.80078	0.124174	0.304434	-3.28478	0.0424228	0.18834	-5.30955	3.86319	31.2219	7.18389	1
cg25470561	2.98E-06	0.095346	-10.4881	0.410821	0.83736	-1.19423	0.0290476	0.580985	-1.72121	7.76E-05	0.220962	-4.52567	25.854	18.2394	0.62709	1
cg01669108	0.000116004	0.340113	-2.9402	0.000401255	0.407103	-2.45638	9.65E-05	0.330462	-3.02607	0.0258692	0.655542	-1.52546	16.3406	6.59464	0.358733	1
cg08416661	0.10502	0.315655	-3.16801	0.00578913	0.0950573	-10.52	0.587747	0.700264	-1.42803	0.0629968	0.256281	-3.90197	3.63863	24.4196	5.96552	1
cg07631828	0.0207472	2.59715	2.59715	7.82E-06	28.7716	28.7716	0.00153934	4.76807	4.76807	0.0124719	2.90283	2.90283	14.4033	26.8061	1.65432	1
cg20278790	0.608987	1.06664	1.06664	0.00207146	1.71988	1.71988	0.573801	0.931403	-1.07365	0.0323893	0.731085	-1.36783	10.6245	2.63093	0.220113	1
cg23679724	0.0729595	1.4494	1.4494	0.000768346	2.57367	2.57367	9.34E-05	0.274395	-3.64438	0.649615	0.918629	-1.08858	10.6011	5.7818	0.484799	1
cg06942450	0.363154	1.11241	1.11241	0.160351	1.18643	1.18643	0.131527	0.830633	-1.2039	0.0927393	0.809897	-1.23473	9.91046	2.03922	0.182902	1
cg23265096	0.0724909	1.7975	1.7975	0.000123519	7.09323	7.09323	0.08741	1.73697	1.73697	0.0730821	1.79483	1.79483	7.13062	9.66893	1.20531	1
cg21331324	0.101552	1.2382	1.2382	0.000362217	1.97673	1.97673	0.462799	1.09317	1.09317	0.205445	0.852812	-1.17259	6.8775	1.54737	0.199991	1
cg18563860	0.958895	1.01173	1.01173	0.0289212	1.79085	1.79085	0.761335	1.07135	1.07135	0.0468486	0.59763	-1.67328	6.67601	5.41143	0.720514	1
cg17398227	0.00783004	1.61841	1.61841	0.000296748	2.29541	2.29541	0.0307465	1.43037	1.43037	0.599207	0.927924	-1.07767	6.54223	2.06168	0.28012	1
cg08545593	0.932275	0.980315	-1.02008	0.00131309	2.98578	2.98578	0.135956	1.4562	1.4562	0.0436083	0.581201	-1.72058	5.33688	4.62448	0.770236	1
cg00539174	0.392752	1.27398	1.27398	0.0389531	1.93683	1.93683	0.0877253	1.68417	1.68417	0.0800956	0.584475	-1.71094	4.2773	5.18193	1.07688	1
cg06385087	0.935168	0.92853	-1.07697	0.0019196	54.7908	54.7908	0.166403	0.26056	-3.83789	0.0362678	9.19789	9.19789	3.8994	51.3049	11.6952	1
cg13021192	0.664739	0.671574	-1.48904	0.00196978	54.2332	54.2332	0.842612	0.834007	-1.19903	0.0248457	11.4568	11.4568	3.93967	52.0184	11.7367	1
cg11213143	0.0349563	1.48618	1.48618	0.221359	1.23029	1.23029	0.240198	0.820154	-1.21928	0.353016	0.857206	-1.16658	23.8667	9.82552	0.365941	1
cg01966470	0.000835019	0.521894	-1.9161	0.0243318	1.41499	1.41499	0.469042	0.909124	-1.09996	0.0141619	0.676041	-1.4792	15.9827	4.23425	0.235491	1
cg15345391	?	?	?	0.139838	0.679257	-1.4722	0.533191	1.16609	1.16609	0.618321	0.884897	-1.13008	13.5378	11.2961	0.834408	1
cg15465439	0.831528	0.936178	-1.06817	0.000144459	0.131801	-7.58722	0.604729	1.17544	1.17544	0.0847801	0.554286	-1.80412	8.98499	13.6366	1.34908	1
cg04197449	0.0685691	0.855727	-1.1686	0.00068783	1.48602	1.48602	0.798303	1.01976	1.01976	0.0319991	0.825296	-1.21169	8.50086	0.786307	0.0822199	1
cg13414679	0.241911	0.600411	-1.66552	7.40E-05	0.0498079	-20.0772	0.0232655	0.32318	-3.09425	0.0263502	0.333868	-2.99519	7.90119	21.7073	2.44208	1
cg01109897	0.41414	1.35909	1.35909	0.424999	0.741241	-1.34909	0.528543	0.790832	-1.26449	0.00356608	0.234318	-4.26771	7.59532	16.2489	1.90163	1
cg14191688	0.647516	0.88404	-1.13117	0.000245735	0.197527	-5.0626	0.134506	1.5404	1.5404	0.943544	0.981217	-1.01914	6.64685	6.70792	1.00919	1
cg10870892	0.0308803	0.469536	-2.12976	0.00263816	0.289026	-3.4599	0.543262	1.20144	1.20144	0.017764	0.423281	-2.3625	6.36845	8.97257	1.25236	1
cg17631184	0.00776621	0.43059	-2.3224	0.00225498	0.348657	-2.86815	0.2942	0.764778	-1.30757	0.0152268	0.479662	-2.0848	6.17779	5.94434	0.855299	1
cg22295064	0.0104439	0.546235	-1.83072	0.0181342	0.583789	-1.71295	0.159606	1.32564	1.32564	0.175949	0.763453	-1.30984	4.50001	2.50756	0.495319	1
cg23261640	0.470052	0.770833	-1.2973	0.393389	0.733711	-1.36294	0.721374	0.880888	-1.13522	0.226675	0.637907	-1.56763	4.3961	8.7333	1.76587	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15383392	CTTN;CTTN;CTTN;CTTN	0.000408602	0.982356	1.00318	1.00318	0.223621	1.20184	1.20184	0.0374842	1.41499	1.41499	0.701504	1.05694	1.05694	0.000150496	0.392289	-2.54914	0.0172159	0.658795	-1.51792	4.99E-05	0.334722	-2.98755	0.0852798	1.31464	1.31464	0.392481	1.13425	1.13425	15.1113	4.94856	0.291089	1
cg10524701	CTTNBP2	0.0203231	0.219891	0.613735	-1.62937	0.206944	1.65482	1.65482	0.444805	1.34285	1.34285	0.0730888	2.13078	2.13078	0.000847516	0.149815	-6.67489	0.315191	1.48148	1.48148	0.6087	0.822502	-1.2158	0.329564	1.46344	1.46344	0.75255	0.887188	-1.12716	4.679	10.6134	2.01627	1
cg16913250	CTTNBP2	0.0220421	0.00142032	0.139547	-7.16606	0.348116	1.5099	1.5099	0.10586	2.12427	2.12427	0.034967	2.85234	2.85234	0.519476	0.756895	-1.32119	0.910648	0.953245	-1.04905	0.388386	1.45801	1.45801	0.181238	0.545843	-1.83203	0.925677	1.0406	1.0406	4.55096	13.1137	2.56135	1
cg27603796	CTTNBP2	0.0493663	0.45128	1.09865	1.09865	0.794178	0.96846	-1.03257	0.00293202	1.65018	1.65018	0.658179	1.0561	1.0561	0.0192006	1.41521	1.41521	0.193816	1.18355	1.18355	0.608115	0.938572	-1.06545	0.114449	1.23423	1.23423	0.0813706	1.26719	1.26719	3.40459	0.810178	0.211526	1
cg01943585	CTTNBP2NL	0.00289774	0.00444682	0.278353	-3.59256	0.0841804	0.525265	-1.9038	0.405705	0.750761	-1.33198	0.164112	0.606341	-1.64924	0.000408643	0.150777	-6.6323	0.00213829	0.233732	-4.2784	0.00196662	0.228959	-4.3676	0.905906	1.04065	1.04065	0.0067426	0.306144	-3.26644	8.64665	15.5514	1.59871	1
cg06565220	CTTNBP2NL	0.0109646	0.191285	1.1637	1.1637	0.000259646	0.517695	-1.93164	0.177294	0.854605	-1.17013	0.241277	0.874235	-1.14386	0.914738	1.0118	1.0118	0.434062	0.916254	-1.0914	0.333125	1.1156	1.1156	0.671984	1.04777	1.04777	0.0618091	0.794162	-1.25919	5.73848	1.09117	0.169023	1
cg26875637	CTTNBP2NL	0.0188087	0.531832	0.832898	-1.20063	0.0443039	0.513248	-1.94837	0.0315129	2.07131	2.07131	0.493624	1.22228	1.22228	0.0844552	0.576346	-1.73507	0.215264	0.686187	-1.45733	0.0217095	0.451309	-2.21578	0.423403	0.789725	-1.26626	0.0092015	2.59789	2.59789	4.80346	6.34175	1.17355	1
cg00755661	CTTNBP2NL	0.0440239	0.115893	0.418978	-2.38676	0.845969	0.905735	-1.10408	0.391618	0.639663	-1.56332	0.197778	1.9997	1.9997	0.033977	0.283648	-3.52549	0.260973	0.550568	-1.81631	0.0052649	0.153651	-6.50827	0.200988	1.98877	1.98877	0.0966996	0.395232	-2.53016	3.55455	14.589	3.64827	1

Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg03162314	CTU1	0.000256821	0.0944216
cg20228985	CTU1	0.000402968	0.0135066
cg08873940	CTU1	0.000599618	0.000561167
cg26812169	CTU1	0.00113442	0.00368328
cg26785949	CTU1	0.00365901	0.00214721
cg16576664	CTU1	0.0367412	0.00322666
cg05636811	CTU1	0.0402195	0.578325
cg18619804	CTU1	0.0444794	0.744518
cg03101345	CTU1	0.0455985	0.0251452
cg10600568	CTU1;CTU1	0.0339698	0.860997
cg26450230	CTU2;CTU2	1.55E-06	0.306261
cg00520378	CTU2;CTU2;RNF166	0.0487839	0.0197014
cg06304787	CTU2;RNF166;CTU2	0.0253557	0.700658
cg23095776	CTXN1	0.000234278	0.0119292
cg09990919	CTXN1	0.035243	0.82291
cg26804411	CTXN2	0.0033947	0.868594
cg24495234	CTXN2	0.014574	0.49891
cg12556555	CTXN2	0.0433211	0.192164
cg20127029	CTXN2	0.0486738	0.403346
cg23705224	CTXN2;CTXN2	0.0386283	0.926553
cg02743342	CTXN3	0.0178928	0.0105864
cg12030523	CTXN3;CTXN3	0.000452805	0.173182
cg19804027	CTXN3;CTXN3	0.00530839	0.694534
cg27666123	CTXN3;CTXN3	0.0215605	0.00531112
cg23309843	CTXN3;CTXN3	0.0219208	0.390851
cg07157169	CTXN3;CTXN3	0.0295103	0.483529
cg08581745	CUBN	0.00038753	0.00031576
cg13223209	CUBN	0.00196454	0.0341386
cg07732336	CUBN	0.00927395	0.006675
cg10707565	CUBN	0.0107882	0.0147857
cg13828637	CUBN	0.0140477	0.376053
cg25913882	CUBN	0.0165577	0.00608364
cg25085729	CUBN	0.0188273	0.0423465
cg00316341	CUBN	0.0263195	0.00933036
cg11387088	CUEDC1	0.00109586	0.139235
cg08885409	CUEDC1	0.00212237	0.00702938
cg10023862	CUEDC1	0.0042745	0.00211777
cg16766914	CUEDC1	0.00454161	0.110655
cg17779676	CUEDC1	0.00635482	0.0125131
cg01134637	CUEDC1	0.0133726	0.0906545
cg07597706	CUEDC1	0.0267065	0.961579
cg08095452	CUEDC1	0.0280133	0.0407874
cg01667978	CUEDC1	0.0311087	0.0687823
cg06044756	CUEDC1	0.0398824	0.66738
cg22507023	CUEDC1	0.0450666	0.177104
cg07766948	CUEDC2	9.00E-06	0.00978756
cg07080756	CUEDC2	0.00167812	0.0512852
cg10103942	CUEDC2	0.00578823	0.0868173
cg00360718	CUEDC2	0.0388986	0.037434
cg02909372	CUEDC2	0.0428411	0.539497
cg26033879	CUEDC2	0.04748	0.692608
cg19477001	CUEDC2;CUEDC2	0.000240967	0.822425
cg14511745	CUGBP1	0.00222796	0.0474756
cg08698796	CUGBP1	0.0156432	0.00401553
cg13308137	CUGBP1	0.024558	0.184104
cg14709817	CUGBP1	0.029204	0.602624
cg16742756	CUGBP1;CUGBP1	0.00862536	0.808851
cg24576270	CUGBP1;CUGBP1	0.0166877	0.81022
cg10896318	CUGBP1;CUGBP1;CUGBP1	8.41E-05	0.000190827
ch.11.991049F	CUGBP1;CUGBP1;CUGBP1	0.000420747	?
cg09606734	CUGBP1;CUGBP1;CUGBP1	0.00236465	0.523692
cg11472279	CUGBP2;CUGBP2	0.000233575	0.0162761
cg24873880	CUGBP2;CUGBP2	0.0043411	0.00431431
cg25560333	CUGBP2;CUGBP2	0.005382	0.386247
cg09427273	CUGBP2;CUGBP2	0.00580081	0.00407892
cg26328510	CUGBP2;CUGBP2	0.00872516	0.00500003
cg08441029	CUGBP2;CUGBP2	0.0206232	0.0481574
cg11002404	CUGBP2;CUGBP2;CUGBP2	0.00812237	0.340586
cg04088969	CUGBP2;CUGBP2;CUGBP2	0.0173236	0.735557
cg07216647	CUGBP2;CUGBP2;CUGBP2;CUGBP2	4.63E-05	0.530447
cg22798521	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.00304223	0.273637
cg14729148	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.00378562	0.0173187
cg06515461	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.00512954	0.00307142
cg23976499	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.0183285	0.0385523
cg04545636	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.0311076	0.0224372
cg24910943	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.0462659	0.162736
cg25477176	CUL1	0.00108736	0.0222946
cg24033032	CUL1	0.00112055	0.0401243
cg09101235	CUL1	0.00298899	0.0332023
cg22272668	CUL1	0.00434359	0.000585788
cg17761410	CUL1	0.00560999	0.0518394
cg09984349	CUL1	0.0120172	0.049348
cg08575682	CUL1	0.0148012	0.371484
cg04576426	CUL1	0.0219264	0.402443
cg03789645	CUL1	0.0219354	0.0277385
cg21838933	CUL1	0.0245642	0.306956
cg03770962	CUL1	0.0304495	0.0107298
cg03423221	CUL1	0.0369432	0.874344
cg09806900	CUL1	0.0489978	0.278415
cg11109845	CUL1	0.0499024	0.0444941
cg05301181	CUL2	4.15E-05	9.54E-05
cg08905399	CUL2	0.00045548	0.359268
cg13956671	CUL2	0.00136422	0.0433096
cg05740071	CUL2	0.00882551	0.695374
cg19305527	CUL3	0.000649077	0.000729653
cg06867755	CUL3	0.00517472	0.302178
cg25451702	CUL3	0.014112	0.16311
cg22455342	CUL3	0.0159322	0.277304
cg21679969	CUL3	0.0464067	0.166388
cg06170657	CUL3;CUL3	0.0313298	0.147482
cg18462916	CUL4A;CUL4A	3.83E-05	0.973999
cg06925625	CUL4A;CUL4A	4.60E-05	0.40455
cg11232054	CUL4A;CUL4A	0.000195414	0.000334027
cg22519102	CUL4A;CUL4A	0.000237139	0.0166305
cg09993715	CUL4A;CUL4A	0.00136364	0.000181199
cg02503299	CUL4A;CUL4A	0.00387199	0.25842
cg24098588	CUL4A;CUL4A	0.00617807	0.245376
cg17613596	CUL4A;CUL4A	0.00775459	0.0635731
cg20856239	CUL4A;CUL4A	0.0167069	0.00993546
cg07827107	CUL4A;CUL4A	0.0205304	0.169255
cg26015003	CUL4A;CUL4A	0.0321062	0.517491
cg04570551	CUL4A;CUL4A	0.0357586	0.0166115
cg25806261	CUL4A;CUL4A;PCID2;PCID2;PCID2	0.002488	0.0190099
cg24228800	CUL4A;CUL4A;PCID2;PCID2;PCID2	0.0092753	0.534536
cg16155588	CUL4A;PCID2;PCID2;PCID2	0.00638309	0.020996
cg08667174	CUL4A;PCID2;PCID2;PCID2	0.0315127	0.399701
cg14929266	CUL4A;PCID2;PCID2;PCID2;CUL4A	0.0224359	0.78887
cg14245501	CUL4B	0.0241573	0.0708957
cg22267947	CUL4B;CUL4B;CUL4B	0.0201791	0.00995495
cg07414207	CUL5	0.00198254	0.819682
cg25792718	CUL5	0.00242007	0.00922913
cg14844619	CUL5	0.00564849	0.00303058
cg20080282	CUL5	0.0168159	0.111603
cg21628297	CUL5	0.0290048	0.430577
cg07495357	CUL7;CUL7	0.0102044	0.647243
cg00553355	CUL7;CUL7	0.0342381	0.0413802
cg22131825	CUL7;CUL7;CUL7	1.31E-06	0.0181471
cg25042239	CUL7;CUL7;CUL7;CUL7	7.13E-05	0.069821
cg20388168	CUL9	0.00678427	0.134244
cg23271099	CUL9	0.0378389	0.18198
cg20058270	CUL9;CUL9	0.000502194	0.356144
cg15454110	CUTA;CUTA;CUTA;CUTA;CUTA	0.000241871	1.45E-05
cg14021478	CUTA;CUTA;CUTA;CUTA;CUTA	0.000721737	0.00873845
cg26974738	CUTA;CUTA;CUTA;CUTA;CUTA	0.000951117	0.0993174

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26708759	CUTA;CUTA;CUTA;CUTA;CUTA	0.00159902	0.496781	1.07174	1.07174	0.000131606	1.94683	1.94683	0.970335	1.00374	1.00374	0.0114716	0.727907	-1.3738	0.254149	0.887306	-1.12701
cg01300096	CUTA;CUTA;CUTA;CUTA;CUTA	0.00206851	0.0015165	0.488058	-2.04894	0.00156539	2.0413	2.0413	0.12179	1.30135	1.30135	0.00423166	1.82458	1.82458	0.00647805	0.573591	-1.7434
cg05352838	CUTA;CUTA;CUTA;CUTA;CUTA	0.00254685	0.000751375	0.148198	-6.74774	0.0291845	2.61124	2.61124	0.292107	0.664827	-1.50415	0.0736788	0.474889	-2.10576	0.000360053	0.117984	-8.47573
cg25785639	CUTA;CUTA;CUTA;CUTA;CUTA	0.00401765	0.0922534	0.692591	-1.44385	0.760952	0.941311	-1.06235	0.0137712	0.546864	-1.82861	0.195321	1.31191	1.31191	0.00140014	0.399599	-2.50251
cg06979645	CUTA;CUTA;CUTA;CUTA;CUTA	0.00876455	0.201166	0.881486	-1.13445	0.183307	0.876401	-1.14103	0.0274676	0.783726	-1.27596	?	?	?	0.00293856	0.682706	-1.46476
cg23565821	CUTA;CUTA;CUTA;CUTA;CUTA	0.0132442	0.0152993	0.40409	-2.4747	0.0802494	1.80495	1.80495	0.0415992	2.04402	2.04402	0.561415	0.836363	-1.19565	0.0280489	0.454011	-2.20259
cg27081243	CUTA;CUTA;CUTA;CUTA;CUTA	0.0155435	0.0124299	0.409295	-2.44322	0.13669	0.63104	-1.58469	0.11525	0.611569	-1.63514	0.415244	0.787316	-1.27014	0.511462	0.825948	-1.21073
cg20249230	CUTA;CUTA;CUTA;CUTA;CUTA	0.0174927	0.430474	1.1343	1.1343	0.6127	1.08322	1.08322	0.061449	1.39088	1.39088	0.00820492	1.69827	1.69827	0.546528	1.10027	1.10027
cg24487489	CUTA;CUTA;CUTA;CUTA;CUTA	0.0224792	0.110556	0.710483	-1.40749	0.0852161	0.68793	-1.45364	0.516198	0.878624	-1.13814	0.023099	1.70574	1.70574	0.020728	0.578444	-1.72877
cg13018448	CUTA;CUTA;CUTA;CUTA;CUTA	0.0245411	0.030294	1.24853	1.24853	0.0106445	0.755854	-1.32301	0.602656	0.955254	-1.04684	0.779034	1.02482	1.02482	0.373291	0.923429	-1.08292
cg04302946	CUTA;CUTA;CUTA;CUTA;CUTA	0.0253128	0.0998941	2.16422	2.16422	0.591262	1.25257	1.25257	0.193088	0.558716	-1.78982	?	?	?	0.0352449	2.93037	2.93037
cg01283917	CUTA;CUTA;CUTA;CUTA;CUTA	0.0440827	0.186308	0.898341	-1.11316	0.80562	1.01904	1.01904	0.554695	1.04678	1.04678	0.0932826	0.868264	-1.15172	0.933746	1.00638	1.00638
cg03511311	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.00695651	0.0918966	0.843726	-1.18522	0.113239	0.853983	-1.17098	0.048566	0.81356	-1.22917	0.00438858	0.705841	-1.41675	0.863106	0.98432	-1.01593
cg17380281	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.0049331	0.0229938	0.764927	-1.30731	0.0813772	1.20969	1.20969	0.152518	1.16301	1.16301	0.179621	1.15079	1.15079	0.789159	1.02676	1.02676
cg13693004	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.0471886	0.00170012	0.0457446	-21.8605	0.362597	0.525201	-1.90403	0.540921	1.53108	1.53108	0.298816	0.476586	-2.09826	0.144553	0.340091	-2.94039
cg10864356	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.00388301	0.000814981	0.391591	-2.55369	0.00697793	0.522977	-1.91213	0.338974	1.20091	1.20091	0.00212441	0.448378	-2.23026	0.138933	0.743886	-1.34429
cg21583690	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.000773475	0.0574604	1.2102	1.2102	0.00656556	1.36817	1.36817	0.0313146	1.25144	1.25144	0.81823	0.979767	-1.02065	0.0423586	0.812531	-1.23072
cg00426056	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.00170252	0.984922	1.00155	1.00155	0.345418	0.923261	-1.08312	0.0829385	0.854062	-1.17087	0.44477	0.937997	-1.0661	0.101819	1.15853	1.15853
cg27294950	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.00059641	0.785627	0.90098	-1.1099	0.120454	0.525096	-1.90441	0.22675	1.62481	1.62481	0.127596	0.532541	-1.87779	0.558708	0.797583	-1.25379
cg08319332	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.00240643	0.885827	0.953687	-1.04856	0.668521	1.15277	1.15277	0.216771	1.53566	1.53566	0.811874	1.08188	1.08188	0.49049	0.793606	-1.26007
cg15543443	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.00597865	0.000538625	0.594647	-1.68167	0.0315216	1.27574	1.27574	0.014894	1.33534	1.33534	0.142248	0.858699	-1.16455	0.262203	1.11951	1.11951
cg23302845	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.0436994	?	?	?	0.781195	0.914183	-1.09387	0.120873	1.71949	1.71949	0.274569	1.44243	1.44243	0.23376	1.4952	1.4952
cg18352916	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.0165657	0.118186	0.772891	-1.29384	0.399779	1.13985	1.13985	0.828474	1.0335	1.0335	0.248362	1.20112	1.20112	0.00861485	0.601262	-1.66317
cg07573985	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.0202801	?	?	?	0.0374939	1.6376	1.6376	0.000877939	2.77119	2.77119	0.020568	1.7683	1.7683	0.181045	1.33665	1.33665
cg02652579	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.0298262	0.178441	1.57499	1.57499	0.0248836	2.33564	2.33564	0.508615	1.23746	1.23746	0.00169114	4.15959	4.15959	0.5537	0.826673	-1.20967
cg19184348	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.0342291	0.28129	1.10075	1.10075	0.0207597	1.2695	1.2695	0.44767	0.935817	-1.06859	0.912749	1.00944	1.00944	0.0672214	1.19222	1.19222
cg05051142	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.0439253	0.462557	0.855219	-1.16929	0.402887	0.836081	-1.19606	0.295058	0.796837	-1.25496	0.88604	1.03045	1.03045	0.73017	0.93015	-1.0751
cg08343265	CUTC;COX15;COX15	0.00270218	0.861755	1.01693	1.01693	0.540139	1.06154	1.06154	0.00670524	1.40299	1.40299	0.00789338	1.38839	1.38839	0.00149815	1.55384	1.55384
cg17460846	CUTC;COX15;COX15	0.0119417	0.414678	0.913771	-1.09437	0.0175718	0.731627	-1.36682	0.018021	0.732897	-1.36445	0.0502902	1.27295	1.27295	0.0514638	1.27097	1.27097
cg01420088	CUTC;COX15;COX15	0.0242023	0.517639	0.877054	-1.14018	0.000806038	2.74884	2.74884	0.0741065	1.48892	1.48892	0.388598	1.19329	1.19329	0.0204411	1.7484	1.7484
cg21117678	CUX1;CUX1	0.00102888	0.117611	1.20155	1.20155	0.00149955	0.609945	-1.63949	0.112906	0.829928	-1.20492	0.0466179	0.781792	-1.27911	0.000242028	0.518966	-1.92691
cg05146205	CUX1;CUX1	0.00363846	0.258715	0.875302	-1.14246	0.0534858	1.28131	1.28131	0.000313953	1.93516	1.93516	0.048665	0.775295	-1.28983	0.126131	1.20567	1.20567
cg02169185	CUX1;CUX1	0.0113156	0.0186334	0.241007	-4.14926	0.00437976	0.149787	-6.67613	0.0160216	0.229737	-4.35281	0.0134179	0.217084	-4.60652	0.197441	0.506755	-1.97334
cg19346623	CUX1;CUX1	0.0275628	0.410539	1.17083	1.17083	0.00519414	0.500929	-1.99629	0.00894436	0.536233	-1.86486	0.0915746	0.705981	-1.41647	0.236584	0.792619	-1.26164
cg06686229	CUX1;CUX1	0.0418995	0.132602	0.623682	-1.60338	0.0417953	0.505293	-1.97905	0.822845	1.06741	1.06741	0.399665	1.28509	1.28509	0.369928	0.765004	-1.30718
cg26249245	CUX1;CUX1	0.0465033	0.0607108	0.466764	-2.14241	0.0128787	0.328652	-3.04273	0.387633	0.726819	-1.37586	0.217508	0.626571	-1.59599	0.0131168	0.330052	-3.02983
cg01973676	CUX1;CUX1;CUX1	0.000594917	0.0418854	0.477721	-2.09327	0.523775	0.815841	-1.22573	8.82E-05	0.109365	-9.14365	0.0667872	0.523401	-1.91058	0.0344272	0.459718	-2.17525
cg07638450	CUX1;CUX1;CUX1	0.00081283	0.0825824	1.77494	1.77494	0.000356833	5.52943	5.52943	0.345306	1.33652	1.33652	0.0776726	1.79537	1.79537	0.000110543	0.13131	-7.61558
cg19783291	CUX1;CUX1;CUX1	0.00207279	0.100713	0.654535	-1.5278	0.472017	0.841594	-1.18822	0.00823317	0.450783	-2.21836	0.0376328	0.56637	-1.76563	6.08E-05	0.174578	-5.72811
ch.7.2182816F	CUX1;CUX1;CUX1	0.00216411	0.0564103	0.42506	-2.35261	0.0388218	0.387732	-2.5791	5.54E-05	0.0512821	-19.5	?	?	?	0.451675	0.738087	-1.35485
cg24975638	CUX1;CUX1;CUX1	0.00223431	0.134671	0.858418	-1.16493	0.00101109	0.630219	-1.58675	0.809671	0.977419	-1.0231	0.340426	1.09746	1.09746	0.0198701	1.30489	1.30489
cg24025567	CUX1;CUX1;CUX1	0.00372129	0.00111306	0.405046	-2.46885	0.00860434	0.532338	-1.87851	0.119283	0.727538	-1.3745	0.152419	0.749446	-1.33432	0.000362178	0.341026	-2.93233
cg05845765	CUX1;CUX1;CUX1	0.0051564	0.589	0.915759	-1.09199	0.0199574	1.57323	1.57323	0.0177831	1.59189	1.59189	0.331867	0.850857	-1.17529	0.305201	1.18684	1.18684
cg18965179	CUX1;CUX1;CUX1	0.00676499	0.0640201	0.4541	-2.20216	0.260021	0.640438	-1.56143	0.790725	0.904049	-1.10614	0.871972	1.06308	1.06308	0.00030067	0.107558	-9.29735
cg02862153	CUX1;CUX1;CUX1	0.00766418	0.432667	0.926983	-1.07877	0.0632965	1.21867	1.21867	0.277241	0.898526	-1.11293	0.0711858	1.21026	1.21026	0.611594	1.04968	1.04968
cg08212266	CUX1;CUX1;CUX1	0.00809107	0.077134	0.70192	-1.42466	0.48499	0.880036	-1.13632	0.0295193	1.58654	1.58654	0.0290485	1.58941	1.58941	0.0196756	0.602033	-1.66104
cg10657965	CUX1;CUX1;CUX1	0.0081734	0.0438776	0.425701	-2.34907	0.453363	0.754542	-1.32531	0.0226441	0.365584	-2.73535	0.0305137	0.391662	-2.55322	0.114697	0.531243	-1.88238
cg18004545	CUX1;CUX1;CUX1	0.00823693	0.44407	0.857288	-1.16647	0.0287073	0.600968	-1.66398	0.0220377	0.581617	-1.71934	0.0810996	0.682727	-1.46471	0.00060761	0.352486	-2.83699
cg25445431	CUX1;CUX1;CUX1	0.0101292	0.0724638	0.701731	-1.42505	0.585436	0.907248	-1.10223	0.0598608	0.687133	-1.45532	0.040253	0.657846	-1.52011	0.00034702	0.361708	-2.76466
cg23602489	CUX1;CUX1;CUX1	0.0101881	0.0273049	2.01118	2.01118	0.0127056	2.28994	2.28994	0.734211	0.912856	-1.09546	0.114447	1.58302	1.58302	0.00149913	0.293947	-3.40198
cg23874145	CUX1;CUX1;CUX1	0.0104725	0.338954	0.827894	-1.20788	?	?	?	0.188165	1.30633	1.30633	0.213587	1.28526	1.28526	0.0201255	0.584386	-1.7112
cg01667493	CUX1;CUX1;CUX1	0.0107919	0.0570756	0.408458	-2.44823	0.0338943	2.80118	2.80118	0.10157	2.10748	2.10748	0.124993	1.99505	1.99505	0.00198947	0.162694	-6.14649
cg17148755	CUX1;CUX1;CUX1	0.0109376	0.151733	0.451951	-2.21263	0.258611	1.83955	1.83955	0.418212	0.651958	-1.53384	0.0129101	0.202686	-4.93374	0.170033	0.469667	-2.12917
cg22772639	CUX1;CUX1;CUX1	0.0118586	0.9876	0.997215	-1.00279	0.00969776	1.79911	1.79911	0.266567	1.23091	1.23091	0.304007	1.21054	1.21054	0.095702	1.38882	1.38882
cg02775353	CUX1;CUX1;CUX1	0.0133152	0.039384	0.590246	-1.69421	0.779062	0.93968	-1.06419	0.296317	0.786985	-1.27067	0.029026	0.565938	-1.76698	0.00821319	0.473302	-2.11281
cg06216309	CUX1;CUX1;CUX1	0.0142283	0.442226	0.882418	-1.13325	0.0017455	2.03899	2.03899	0.0130414	1.63511	1.63511	0.0453965	0.693231	-1.44252	0.343148	0.855636	-1.16872
cg15460531	CUX1;CUX1;CUX1	0.0150426	0.978889	1.00387	1.00387	0.00418772	0.571192	-1.75072	0.0660821	0.740101	-1.35117	0.134344	0.790042	-1.26576	0.437981	0.89093	-1.12242
cg20475884	CUX1;CUX1;CUX1	0.0153632	0.758882	1.05149	1.05149	0.0828794	1.36778	1.36778	0.917312	1.01708	1.01708	0.995368	0.999054	-1.00095	0.000361697	0.393515	-2.5412
cg24837397	CUX1;CUX1;CUX1	0.015855	0.791481	1.01546	1.01546	0.174907	0.91988	-1.0871	0.917511	1.00601	1.00601	0.637891	1.02782	1.02782	0.0100145	0.828464	-1.20705
cg15770446	CUX1;CUX1;CUX1	0.0161796	0.260128	1.55843	1.55843	0.894897	0.9513	-1.05119	0.161096	1.76009	1.76009	0.00960384	3.45006	3.45006	0.364673	1.42168	1.42168
cg06823965	CUX1;CUX1;CUX1	0.0178561	0.771177	0.928474	-1.07704	0.0180122	2.07775	2.07775	0.165989	1.45633	1.45633	0.0992646	1.58383	1.58383	0.12995	0.659502	-1.5163
cg18558455	CUX1;CUX1;CUX1	0.019042	0.0088356	1.91463	1.91463	0.680178	1.08412	1.08412	0.0624776	1.50464	1.50464	0.0120442	1.84074	1.84074	0.898368	1.02521	1.02521
cg16976034	CUX1;CUX1;CUX1	0.0196014	?	?	?	0.465424	1.22766	1.22766	0.478417	0.819565	-1.22016	?	?	?	?	?	?
cg24137710	CUX1;CUX1;CUX1	0.0206436	0.0158975	0.407754	-2.45246	0.107868	0.586862	-1.70398	0.779108	0.918127	-1.08917	0.0118016	0.384724	-2.59927	0.00559142	0.331101	-3.02023
cg24257168	CUX1;CUX1;CUX1	0.0223626	0.120326	0.796279	-1.25584	0.402236	0.890563	-1.12289	0.950692	0.991674	-1.0084	0.992297	1.00131	1.00131	0.283357	0.86011	-1.16264
cg22202558	CUX1;CUX1;CUX1	0.0233401	0.0497652	0.283516	-3.52713	0.557185	1.39708	1.39708	0.676322	1.26678	1.26678	0.841074	0.893081	-1.11972	0.000758441	0.0564161	-17.7254
cg05855116	CUX1;CUX1;CUX1	0.0262815	0.237251	0.764719	-1.30767	0.93727	1.0172	1.0172	0.585188	0.887446	-1.12683	0.0258157	1.77429	1.77429	0.0533427	0.621571	-1.60883
cg25787300	CUX1;CUX1;CUX1	0.0268603	0.675141	1.16376	1.16376	0.209981	0.621664	-1.60859	0.0774579	0.493524	-2.02624	0.406993	0.736976	-1.3569	0.0079065	0.293547	-3.40661
cg01310482	CUX1;CUX1;CUX1	0.0294863	0.742887	0.892628	-1.12029	0.874481	0.946911	-1.05607	0.0222648	0.388538	-2.57375	0.785666	0.910229	-1.09862	0.00653921	0.295484	-3.38427
cg22366933	CUX1;CUX1;CUX1	0.0297008	0.192637	0.598873	-1.6698	0.105088	1.93188	1.93188	0.284385	0.661336	-1.51209	0.30192	0.671888	-1.48834	0.00900046	0.290868	-3.43798
cg20458896	CUX1;CUX1;CUX1	0.0335978	0.689083	0.87588	-1.14171	0.00324401	3.75426	3.75426	0.0152484	2.66941	2.66941	0.409359	0.75727	-1.32053	0.671659	0.868932	-1.15084
cg00313685	CUX1;CUX1;CUX1	0.0358298	0.214974	0.518184	-1.92982	0.561333	1.34422	1.34422	0.0222311	3.97631	3.97631	0.147434	0.457077	-2.18781	0.493707	0.704639	-1.41917
cg08116711	CUX1;CUX1;CUX1	0.0363493	0.393694	0.820771	-1.21837	0.00214189	2.65077	2.65077	0.566873	1.13981	1.13981	0.0712745	0.63417	-1.57686	0.124769	1.45599	1.45599
cg18498598	CUX1;CUX1;CUX1	0.0375466	0.0215218	0.287199	-3.48191	0.856495	0.921463	-1.08523	0.186196	0.530858	-1.88374	0.018068	0.273198	-3.66035	0.0987137	0.441281	-2.26613
cg06569421	CUX1;CUX1;CUX1	0.0379658	0.268773	1.19215	1.19215	0.114618	0.769629	-1.29933	0.0878804	1.33301	1.33301	0.309925	1.17391	1.17391	0.138495	0.783983	-1.27554
cg27405731	CUX1;CUX1;CUX1	0.0437421	0.194222	0.371256	-2.69356	0.0054606	0.0716003	-13.9664	0.00992152	0.0953696	-10.4855	0.172334	0.350646	-2.85188	0.1467	0.32505	-3.07645
cg13926796	CUX1;CUX1;CUX1	0.0452382	0.287056	1.23239	1.23239	0.0932089	1.41773	1.41773	0.150142	0.747075	-1.33855	0.939896	1.01436	1.01436	0.00322072	0.46775	-2.13789
cg04618969	CUX1;CUX1;CUX1	0.0455467	0.285722	0.875342	-1.14241	0.55984	0.931646	-1.07337	0.00525677	1.55576	1.55576	0.0758253	1.2678	1.2678	0.816232	0.972433	-1.02835
cg09437692	CUX1;CUX1;CUX1	0.0483978	0.075443	0.622283	-1.60699	0.0509054	1.70408	1.70408	0.0201233	1.95802	1.95802	0.0627155	0.605346	-1.65195	0.171189	0.705248	-1.41794
cg06010390	CUX1;CUX1;CUX1	0.0492703	0.512776	0.709858	-1.40873	0.0049252	0.146168	-6.84146	0.545906	0.729408	-1.37098	0.975331	0.984163	-1.01609	0.0568567	0.328684	-3.04243
cg17008375	CUX1;CUX1;CUX1	0.0499127	0.0156425	6.38279	6.38279	0.400193	1.71371	1.71371	0.334372	1.86406	1.86406	0.0316517	4.83481	4.83481	0.0128719	6.90192	6.90192
cg09798033	CUX2	1.76E-05	0.000211039	0.398394	-2.51008	0.884938	1.02174	1.02174	1.94E-06	0.173575	-5.76119	0.575888	0.919467	-1.08759	2.26E-05	0.28338	-3.52883
cg14733103	CUX2	7.60E-05	0.000768485	0.421858	-2.37047	0.780712	0.953816	-1.04842	1.77E-05	0.226001	-4.42476	0.726669	0.942273	-1.06126	0.00795901	0.561893	-1.7797
cg22147968	CUX2	9.27E-05	0.520841	0.89467	-1.11773	0.555324	1.10741	1.10741	9.90E-07	0.110778	-9.02709	0.231656	1.2393	1.2393	0.933012	1.01448	1.01448
cg27476248	CUX2	0.000108933	0.0849941	0.790779	-1.26458	0.696165	1.04956	1.04956	6.41E-06	0.289296	-3.45667	0.413891	0.902176	-1.10843	0.000141695	0.445273	-2.24581
cg24309040	CUX2	0.000128825	0.512627	0.806276	-1.24027	0.963326	1.01502	1.01502	6.63E-05	0.0933112	-10.7168	0.338621	1.37692	1.37692	3.87E-06	0.0305256	-32.7594
cg10535597	CUX2	0.000208666	0.622681	0.841969	-1.18769	0.0222952	0.386781	-2.58544	7.85E-05	0.0839851	-11.9069	0.00492526	0.274751	-3.63966	0.000177715	0.110451	-9.05382
cg27650540	CUX2	0.000462655	0.781974	0.950643	-1.05192	0.0510028	1.50012	1.50012	0.000275235	0.337282	-2.96488	0.990361	0.997798	-1.00221	0.000172569	0.312239	-3.20268
cg05134054	CUX2	0.00083579	0.00060205	4.02231	4.02231	0.00961149	2.36855	2.36855	0.0786108	1.67171	1.67171	0.0193786	0.475347	-2.10373	0.800017	0.935409	-1.06905
cg07658449	CUX2	0.00189805	0.0129614	2.40279	2.40279	0.205728	1.46149	1.46149	0.0031369	0.317295	-3.15165	0.0181196	0.442297	-2.26092	0.00184467	0.284529	-3.51457
cg17304276	CUX2	0.00207718	0.0264872	0.425102	-2.35238	0.227945	0.662639	-1.50912	0.00459565	0.293265	-3.40989	0.192886	0.63884	-1.56534	0.000871799	0.197132	-5.07273
cg16241421	CUX2	0.00228628	0.188276	1.28457	1.28457	0.0492164	0.668147	-1.49668	0.689591	0.93042	-1.07478	0.763829	0.947311	-1.05562	0.145642	0.755297	-1.32398
cg16235197	CUX2	0.00260624	0.565243	0.880714	-1.13544	0.0424264	1.66637	1.66637	0.0072309	0.468929	-2.13252	0.0273874	1.76867	1.76867	0.964463	1.00978	1.00978
cg13599258	CUX2	0.00271147	0.0750898	0.62661	-1.59589	0.000975641	3.17989	3.17989	0.0162388	0.499959	-2.00016	0.998589	0.999583	-1.00042	0.00770822	0.44604	-2.24195
cg19720753	CUX2	0.00331974	0.859476	0.946785	-1.05621	0.412909	0.772354	-1.29474	0.000189791	0.143486	-6.9693	0.445306	1.27137	1.27137	0.611116	1.17144	1.17144
cg25113157	CUX2	0.00349698	0.479211	1.19541	1.19541	0.726467	0.916542	-1.09106	0.00208188	0.341248	-2.93042	0.906259	1.02966	1.02966	0.00175709	0.33084	-3.02261
cg23300267	CUX2	0.00375038	0.285705	0.702372	-1.42375	0.00424446	0.295399	-3.38525	0.000330187	0.157677	-6.34208	0.0228464	0.419885	-2.38161	0.143652	0.606141	-1.64978
cg01290565	CUX2	0.00379149	0.150603	0.627931	-1.59253	0.383501	1.30984	1.30984	0.0568525	0.521539	-1.9174	0.866807	0.950565	-1.05201	0.00123245	0.240014	-4.16642
cg06705947	CUX2	0.00456383	0.599109	0.869347	-1.15029	0.152706	0.667463	-1.49821	9.61E-05	0.160125	-6.24511	0.716252	0.908147	-1.10114	0.0360816	0.525481	-1.90302
cg26875655	CUX2	0.00490368	0.00877954	0.282902	-3.5348	0.00561425	0.252705	-3.95718	0.00222431	0.197695	-5.05828	0.688229	0.858471	-1.16486	0.000917351	0.153489	-6.51512
cg14550163	CUX2	0.0069672	0.153113	0.640217	-1.56197	0.586134	1.1738	1.1738	0.000498611	0.204393	-4.89254	0.927649	0.973874	-1.02683	0.132932	0.623402	-1.6041
cg01638592	CUX2	0.00755009	0.239903	1.24175	1.24175	0.817079	0.960319	-1.04132	0.266647	1.22566	1.22566	0.000224909	3.21733	3.21733	0.507693	1.12488	1.12488
cg05977462	CUX2	0.00812081	0.050024	1.82711	1.82711	0.57424	0.858042	-1.16544	0.731851	0.911402	-1.09721	0.264189	1.36874	1.36874	0.000401052	0.219034	-4.56551
cg24415293	CUX2	0.00859049	0.0457844	2.38475	2.38475	0.891191	1.05332	1.05332	0.00356459	0.223426	-4.47576	0.872272	0.940757	-1.06297	0.200835	1.66997	1.66997
cg16619352	CUX2	0.00913428	0.135657	0.591948	-1.68934	0.972184	0.988696	-1.01143	0.00119058	0.212429	-4.70745	0.502134	0.800846	-1.24868	0.888647	0.95535	-1.04674
cg05529091	CUX2	0.0096196	0.889999	1.05492	1.05492	0.0146426	3.1938	3.1938	0.0328238	0.381145	-2.62368	0.280648	1.54226	1.54226	0.591603	0.8112	-1.23274
cg20964024	CUX2	0.0106931	0.952655	1.02194	1.02194	0.426311	1.34568	1.34568	0.000959009	0.165651	-6.0368	0.041718	0.423999	-2.35849	0.785168	0.904956	-1.10503
cg17190608	CUX2	0.0109146	0.647673	0.921604	-1.08506	0.0289444	1.5792	1.5792	0.994103	0.99869	-1.00131	0.956132	1.00981	1.00981	0.305521	0.828404	-1.20714
cg14897316	CUX2	0.0112668	0.71458	1.15314	1.15314	0.68543	1.17114	1.17114	0.000929434	0.146945	-6.80528	0.0384102	2.53598	2.53598	0.00457048	0.23111	-4.32694
cg23438015	CUX2	0.0114903	0.207124	0.723073	-1.38299	0.0350051	1.81982	1.81982	0.000514277	0.266792	-3.74823	0.774194	1.07262	1.07262	0.295976	0.767878	-1.30229
cg20525229	CUX2	0.0124932	0.336377	1.55925	1.55925	0.0425818	2.84708	2.84708	0.00305102	0.162264	-6.16279	0.26031	1.69243	1.69243	0.144142	2.02008	2.02008
cg00029284	CUX2	0.0133563	0.124486	0.659701	-1.51584	0.362506	0.791309	-1.26373	0.00123052	0.306686	-3.26067	0.504178	0.844078	-1.18472	0.0254515	0.51471	-1.94284
cg11813690	CUX2	0.0140614	0.114313	0.372481	-2.6847	0.0794842	0.326543	-3.06238	0.00499512	0.118108	-8.46683	0.660698	0.775716	-1.28913	0.00108319	0.0624296	-16.018
cg04025761	CUX2	0.0145403	0.0456333	0.462597	-2.16171	0.0509072	0.473284	-2.11289	0.046396	0.464201	-2.15424	0.231658	0.655743	-1.52499	0.00246457	0.24261	-4.12185
cg17125804	CUX2	0.0151388	0.0241905	0.108681	-9.20124	?	?	?	0.0757201	0.195446	-5.1165	0.0786193	0.199272	-5.01826	0.00473663	0.0451369	-22.1548
cg25752163	CUX2	0.015776	0.0454179	2.39042	2.39042	0.0256846	2.73563	2.73563	0.0533011	0.434427	-2.30188	0.0258503	2.73144	2.73144	0.0427597	0.412429	-2.42466
cg06815950	CUX2	0.0173025	0.0161322	0.126601	-7.89882	0.0068669	0.0856483	-11.6757	0.0251578	0.154192	-6.48544	0.180983	0.36893	-2.71054	0.00787674	0.0913158	-10.951
cg17420983	CUX2	0.0208194	0.161241	1.56144	1.56144	0.798522	1.07916	1.07916	0.248874	0.698398	-1.43185	0.963253	0.986372	-1.01382	0.00114953	0.240966	-4.14996
cg05979433	CUX2	0.0209201	0.0995855	0.201036	-4.97423	0.827975	0.824132	-1.2134	0.00849111	0.0504918	-19.8052	0.121125	0.224502	-4.4543	0.00144985	0.0167419	-59.7304
cg04195892	CUX2	0.0214099	0.156902	0.51088	-1.95741	0.584764	1.27735	1.27735	0.117306	0.470172	-2.12688	0.0607852	0.39154	-2.55402	0.0144521	0.262619	-3.8078
cg13546321	CUX2	0.0219327	0.0505297	1.74636	1.74636	0.404842	0.807969	-1.23767	0.00497206	0.394443	-2.53522	0.376875	0.797033	-1.25465	0.414199	1.23223	1.23223
cg21426559	CUX2	0.0220457	0.0526733	0.400199	-2.49876	0.00627445	0.227538	-4.39487	0.0240501	0.326647	-3.06141	0.0972071	0.469184	-2.13136	0.0506902	0.396254	-2.52363
cg11323848	CUX2	0.0229709	0.809628	0.934144	-1.0705	0.402303	0.7851	-1.27372	0.00211112	0.295177	-3.3878	0.329744	0.752838	-1.32831	0.0186814	0.447263	-2.23582
cg00807464	CUX2	0.0232657	0.0148036	0.169616	-5.89566	0.0124108	0.158618	-6.30446	0.144906	0.396003	-2.52523	0.143025	0.394028	-2.53789	0.0162961	0.175885	-5.68553
cg07366670	CUX2	0.0238213	0.0534197	0.274362	-3.64482	0.0103731	0.149121	-6.70595	0.180364	0.432327	-2.31306	0.195004	0.445737	-2.24348	0.0263213	0.211604	-4.7258
cg14750751	CUX2	0.0260493	0.0263976	0.836925	-1.19485	0.0284462	1.19108	1.19108	0.765836	0.980077	-1.0204	0.389214	0.94208	-1.06148	0.578049	1.03873	1.03873
cg23489038	CUX2	0.0267959	0.0325424	0.226565	-4.41374	0.00395548	0.100259	-9.97417	0.0753201	0.308807	-3.23827	0.136468	0.385962	-2.59093	0.0149187	0.169235	-5.90894
cg10576019	CUX2	0.03411	0.589219	0.872967	-1.14552	0.709122	0.910842	-1.09788	0.022685	0.506701	-1.97355	0.577414	0.869122	-1.15059	0.0963926	0.634486	-1.57608

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26708759	0.0273163	1.2998	1.2998	0.00453296	0.684046	-1.46189	0.890425	0.986255	-1.01394	0.211562	1.14128	1.14128	10.2882	1.64282	0.141937	1
cg01300096	0.568614	0.913485	-1.09471	0.985047	0.997061	-1.00295	0.459474	0.888447	-1.12556	0.62789	0.926163	-1.07972	9.54768	3.72933	0.3472	1
cg05352838	0.343234	0.69443	-1.44003	0.362086	0.704782	-1.41888	0.985554	0.993261	-1.00678	0.00857971	0.285898	-3.49775	8.9828	19.8437	1.96362	1
cg25785639	0.0130783	1.84068	1.84068	0.00239479	0.432278	-2.31333	0.776355	1.05808	1.05808	0.55463	1.12576	1.12576	7.84207	4.87965	0.553102	1
cg06979645	0.000895862	0.628359	-1.59145	0.0103598	0.739528	-1.35221	0.760019	0.971777	-1.02904	0.482063	0.935412	-1.06905	6.28913	0.773114	0.122929	1
cg23565821	0.196669	1.51499	1.51499	0.0111336	0.379689	-2.63373	0.0633215	0.529672	-1.88796	0.141881	0.618419	-1.61703	5.39721	7.91599	1.30372	1
cg27081243	0.000682324	0.225328	-4.43798	0.00592004	0.355672	-2.81158	0.572041	0.848775	-1.17817	0.314523	0.741808	-1.34806	5.11999	6.68632	1.16082	1
cg20249230	0.592112	1.08838	1.08838	0.00289401	0.526593	-1.899	0.0859336	1.34604	1.34604	0.353725	0.861211	-1.16116	4.92216	1.91157	0.345209	1
cg24487489	0.75409	0.940098	-1.06372	0.179155	0.755397	-1.32381	0.132775	1.37553	1.37553	0.0217609	1.71838	1.71838	4.52036	2.76641	0.54399	1
cg13018448	0.794955	1.02296	1.02296	0.00353256	0.708435	-1.41156	0.402183	1.07759	1.07759	0.840171	1.01776	1.01776	4.38537	0.527624	0.106946	1
cg04302946	0.0104974	0.233119	-4.28966	0.668006	1.19604	1.19604	0.898506	0.948531	-1.05426	0.0124956	0.24694	-4.04957	5.57057	12.8021	1.72362	1
cg01283917	0.559295	1.04621	1.04621	0.0717589	0.857421	-1.16629	0.851386	0.985752	-1.01445	0.00287378	1.36855	1.36855	3.55277	0.329428	0.0824216	1
cg03511311	0.0386367	0.803044	-1.24526	0.00229552	0.676861	-1.47741	0.181506	1.13871	1.13871	0.0253951	1.27548	1.27548	6.62798	0.880336	0.118063	1
cg17380281	0.857948	0.9825	-1.01781	0.229227	0.883087	-1.13239	0.043942	1.25627	1.25627	0.000207919	1.84372	1.84372	7.36882	1.13325	0.136703	1
cg13693004	0.0173433	0.136126	-7.34612	0.570075	0.673674	-1.4844	0.343445	0.510862	-1.95747	0.398465	0.551597	-1.81292	3.46318	25.9773	6.66755	1
cg10864356	0.514424	0.884434	-1.13067	0.00759488	0.528485	-1.8922	0.560045	0.896314	-1.11568	0.115933	1.37354	1.37354	7.92301	4.32968	0.48575	1
cg21583690	0.0139602	1.30943	1.30943	5.27E-05	0.511382	-1.95549	0.358547	0.919588	-1.08744	0.700426	1.03492	1.03492	12.6515	1.57974	0.110992	1
cg00426056	0.366883	1.07914	1.07914	2.73E-05	0.506745	-1.97338	0.0390066	0.821752	-1.21691	0.614873	1.04256	1.04256	10.1034	1.08029	0.095043	1
cg27294950	0.736935	0.879025	-1.13762	5.54E-06	0.0197553	-50.6192	0.715976	1.14999	1.14999	0.142753	0.547449	-1.82665	13.6066	31.522	2.05926	1
cg08319332	0.980181	0.991835	-1.00823	2.68E-05	0.0646921	-15.4578	0.517519	1.2418	1.2418	0.347399	0.726634	-1.37621	9.13392	15.7585	1.53357	1
cg15543443	0.139723	0.857741	-1.16585	0.698882	0.96316	-1.03825	0.468043	1.0739	1.0739	0.244227	1.12484	1.12484	6.9468	1.0259	0.13127	1
cg23302845	0.329716	0.723161	-1.38282	0.00342907	0.277734	-3.60056	0.237504	1.48997	1.48997	0.53286	1.22574	1.22574	3.61905	5.29029	1.46179	1
cg18352916	0.0302604	0.679195	-1.47233	0.0251949	0.667475	-1.49818	0.0969819	1.31869	1.31869	0.0124762	0.623712	-1.6033	5.01263	1.83083	0.32466	1
cg07573985	0.442197	1.17365	1.17365	0.962334	1.0097	1.0097	0.871143	0.967374	-1.03373	0.157922	1.36138	1.36138	4.7672	2.80209	0.587785	1
cg02652579	0.150284	1.63223	1.63223	0.398165	1.31635	1.31635	0.013661	2.63566	2.63566	0.177134	1.57742	1.57742	4.09527	6.5479	1.42124	1
cg19184348	0.135505	0.871175	-1.14787	0.0297539	0.80311	-1.24516	0.0293735	0.802557	-1.24602	0.669923	1.03744	1.03744	3.89838	0.453662	0.103442	1
cg05051142	0.00695408	0.481763	-2.07571	0.00864233	2.01409	2.01409	0.899924	0.974031	-1.02666	0.160443	0.730818	-1.36833	3.55752	2.4644	0.615759	1
cg08343265	0.00368235	1.45941	1.45941	0.00395688	0.688519	-1.45239	0.140417	1.165	1.165	0.797735	1.02504	1.02504	8.82729	1.29638	0.130543	1
cg17460846	0.0294833	1.31951	1.31951	0.914035	0.988389	-1.01175	0.0308377	1.31551	1.31551	0.0895121	1.22442	1.22442	5.58231	1.03409	0.164662	1
cg01420088	0.812823	0.953668	-1.04858	0.881959	0.970721	-1.03016	0.770771	0.943244	-1.06017	0.66795	1.09014	1.09014	4.40657	2.79149	0.563096	1
cg21117678	0.000206384	0.51096	-1.9571	0.750956	0.966185	-1.035	0.81687	1.02538	1.02538	0.0170505	0.730355	-1.3692	11.6719	2.15762	0.164317	1
cg05146205	0.2394	0.870015	-1.14941	0.0282102	0.746121	-1.34026	0.391351	1.10435	1.10435	0.0329602	1.32563	1.32563	8.07935	1.63456	0.179834	1
cg02169185	0.0436556	0.314395	-3.18071	0.00566487	0.163509	-6.11585	0.0040235	0.145468	-6.87437	0.0506932	0.329294	-3.0368	5.68045	22.3924	3.50401	1
cg19346623	0.490569	0.87701	-1.14024	0.105993	1.3922	1.3922	0.22613	0.788048	-1.26896	0.0835649	0.698423	-1.4318	4.21104	2.34245	0.494457	1
cg06686229	0.566041	1.18385	1.18385	0.0202396	2.25814	2.25814	0.0517865	1.90388	1.90388	0.0396413	1.99807	1.99807	3.62054	4.8532	1.19152	1
cg26249245	0.0554044	0.457302	-2.18674	0.0518589	0.450583	-2.21935	0.0146331	0.338511	-2.95411	0.0875689	0.506845	-1.97299	3.48231	7.16115	1.82794	1
cg01973676	0.928726	0.97221	-1.02858	5.26E-05	0.0925122	-10.8094	0.135899	1.65904	1.65904	0.0133537	0.380808	-2.626	13.6161	21.4004	1.39706	1
cg07638450	0.508151	0.818452	-1.22182	0.125454	0.609636	-1.64032	0.150541	1.58384	1.58384	0.192563	0.662604	-1.5092	12.4761	17.5978	1.2538	1
cg19783291	0.00126014	0.329612	-3.03387	0.473889	0.842227	-1.18733	0.876489	1.03735	1.03735	0.191731	0.721948	-1.38514	9.54192	8.39852	0.782374	1
ch.7.2182816F	0.0451104	0.402322	-2.48557	0.666835	0.842376	-1.18712	0.771831	1.12205	1.12205	0.106233	2.0111	2.0111	9.63702	21.2806	2.20821	1
cg24975638	0.00100661	1.58727	1.58727	0.090851	1.19282	1.19282	0.433811	0.92719	-1.07853	0.0118219	1.34653	1.34653	9.33491	1.3246	0.126131	1
cg24025567	0.782573	0.949279	-1.05343	0.0289504	0.615995	-1.62339	0.0167414	0.577266	-1.7323	0.00685267	0.517425	-1.93265	8.02497	4.49976	0.498418	1
cg05845765	0.232658	0.817161	-1.22375	0.31102	1.18424	1.18424	0.000169479	2.80654	2.80654	0.144308	1.2879	1.2879	7.26985	2.99682	0.366422	1
cg18965179	0.0259085	0.366787	-2.72638	0.398558	0.720503	-1.38792	0.169835	1.74118	1.74118	0.00595878	0.255714	-3.91062	6.68585	15.2316	2.02505	1
cg02862153	0.528419	1.06234	1.06234	0.0208078	0.76839	-1.30142	0.207155	0.881649	-1.13424	0.000501925	1.67404	1.67404	6.43021	0.913097	0.126223	1
cg08212266	0.994865	1.00116	1.00116	0.0302917	0.632137	-1.58194	0.00378039	2.02121	2.02121	0.367849	0.846552	-1.18126	6.32158	3.24719	0.456594	1
cg10657965	0.111537	0.527778	-1.89474	0.000241296	0.106502	-9.38949	0.901779	1.04658	1.04658	0.013834	0.325735	-3.06998	6.30145	13.5684	1.91397	1
cg18004545	0.349416	0.826882	-1.20936	0.00697437	0.502207	-1.99121	0.728667	1.07114	1.07114	0.00640413	0.496581	-2.01377	6.28609	3.87734	0.548278	1
cg25445431	0.977802	0.995095	-1.00493	0.931846	1.01523	1.01523	0.0734787	1.42286	1.42286	0.4112	0.861998	-1.1601	5.88639	2.91158	0.43967	1
cg23602489	0.17057	0.67676	-1.47763	0.875933	0.959061	-1.04269	0.142543	1.52457	1.52457	0.969261	1.01036	1.01036	5.87547	6.6607	1.00769	1
cg23874145	0.0725675	0.681202	-1.46799	0.0010345	2.53767	2.53767	0.876392	0.970613	-1.03028	0.583973	1.11178	1.11178	5.93972	3.07042	0.51693	1
cg01667493	0.416686	0.708066	-1.4123	0.32339	0.654295	-1.52836	0.0411443	2.66419	2.66419	0.366084	0.679637	-1.47137	5.76787	15.8007	2.43505	1
cg17148755	0.0569686	0.328279	-3.04619	0.000399006	0.0542713	-18.426	0.438021	1.50543	1.50543	0.284907	0.563043	-1.77606	5.74303	24.3229	3.76463	1
cg22772639	0.0686994	0.693714	-1.44152	0.00113823	2.3607	2.3607	0.0198605	1.65641	1.65641	0.119269	1.35449	1.35449	5.59497	2.85439	0.453485	1
cg02775353	0.0415646	0.594635	-1.6817	0.000590267	0.3091	-3.2352	0.988485	1.0032	1.0032	0.271332	0.776217	-1.2883	5.38778	4.17567	0.688912	1
cg06216309	0.841796	1.03242	1.03242	0.461316	0.88716	-1.12719	0.646192	1.07658	1.07658	0.101923	0.751401	-1.33085	5.27176	2.12797	0.358803	1
cg15460531	0.744004	1.049	1.049	0.00376381	1.76976	1.76976	0.260301	0.842485	-1.18697	0.106401	0.773077	-1.29353	5.17584	1.74681	0.299994	1
cg20475884	0.663348	0.931061	-1.07404	0.302928	1.19009	1.19009	0.711328	0.941178	-1.0625	0.263119	1.20957	1.20957	5.13983	2.16514	0.374442	1
cg24837397	0.403463	0.951721	-1.05073	0.012822	1.19591	1.19591	0.00282169	0.788129	-1.26883	0.313353	0.941429	-1.06222	5.08636	0.269876	0.0471633	1
cg15770446	0.330008	1.46183	1.46183	0.022955	0.357871	-2.7943	0.00765512	3.65041	3.65041	0.00978724	3.43397	3.43397	5.05219	11.416	2.00855	1
cg06823965	0.11192	1.55352	1.55352	0.00240431	2.93302	2.93302	0.966104	0.989244	-1.01087	0.0849872	0.615888	-1.62367	4.8883	5.01369	0.91169	1
cg18558455	0.983232	0.995913	-1.0041	0.00878688	0.521924	-1.91599	0.848921	0.963521	-1.03786	0.355219	0.830838	-1.2036	4.78349	2.87662	0.534546	1
cg16976034	?	?	?	0.00127275	0.27314	-3.66113	0.846082	1.05513	1.05513	0.274494	0.730564	-1.36881	5.26038	3.5285	1.07323	1
cg24137710	0.0341148	0.471829	-2.11941	0.00481118	0.320966	-3.11559	0.0933229	0.570786	-1.75197	0.334606	0.739122	-1.35296	4.65412	6.80219	1.29915	1
cg24257168	0.0941704	1.28247	1.28247	0.00113555	1.91035	1.91035	0.271003	1.16759	1.16759	0.0709041	1.31365	1.31365	4.52845	1.31094	0.257325	1
cg22202558	0.0894784	0.348354	-2.87064	0.404674	0.618646	-1.61643	0.544157	1.41307	1.41307	0.0729205	0.324115	-3.08533	4.4622	22.4184	4.46583	1
cg05855116	0.287949	0.787407	-1.26999	0.00586497	2.18427	2.18427	0.276069	1.2782	1.2782	0.0925853	0.669664	-1.49329	4.28193	3.18289	0.66074	1
cg25787300	0.166123	0.587829	-1.70118	0.00533394	0.26695	-3.74602	0.731511	1.13193	1.13193	0.00812545	0.295462	-3.38453	4.24939	8.71273	1.82253	1
cg01310482	0.382671	0.73424	-1.36195	0.00281906	0.241797	-4.1357	0.776387	0.906412	-1.10325	0.0481178	0.458655	-2.18029	4.11195	7.75418	1.67624	1
cg22366933	0.635833	0.837474	-1.19407	0.00696306	0.273056	-3.66225	0.802561	1.09763	1.09763	0.0205767	0.354457	-2.82122	4.1014	8.98056	1.94634	1
cg20458896	0.172462	1.61363	1.61363	0.0238683	2.43113	2.43113	0.677644	1.14768	1.14768	0.641063	1.16733	1.16733	3.92463	6.749	1.52858	1
cg00313685	0.119732	0.427311	-2.34022	0.00383328	0.140416	-7.1217	0.611194	1.29462	1.29462	0.569629	0.74869	-1.33567	3.83443	15.4053	3.57122	1
cg08116711	0.1297	1.44784	1.44784	0.960968	1.01112	1.01112	0.343521	0.80204	-1.24682	0.837184	1.04762	1.04762	3.81442	3.08742	0.719474	1
cg18498598	0.121433	0.468269	-2.13552	0.00355189	0.167758	-5.96098	0.710125	1.18376	1.18376	0.0922112	0.432808	-2.31049	3.76964	12.1892	2.87424	1
cg06569421	0.00861131	0.599753	-1.66735	0.73151	0.948799	-1.05396	0.831001	1.03315	1.03315	0.0233524	0.661336	-1.51209	3.75437	1.38461	0.327822	1
cg27405731	0.298067	0.459226	-2.17758	0.0225298	0.139292	-7.17917	0.542514	1.56011	1.56011	0.283069	0.447236	-2.23596	3.56307	29.372	7.32752	1
cg13926796	0.919904	1.01919	1.01919	0.732753	1.06693	1.06693	0.67244	0.922761	-1.0837	0.06045	0.670193	-1.49211	3.51856	1.99105	0.502996	1
cg04618969	0.0279451	1.36598	1.36598	0.45167	0.912031	-1.09645	0.310615	0.881633	-1.13426	0.710178	0.956165	-1.04584	3.50961	0.801516	0.203002	1
cg09437692	0.267546	0.758185	-1.31894	0.242838	0.746069	-1.34036	0.600548	1.135	1.135	0.866073	1.04129	1.04129	3.43025	3.12089	0.808724	1
cg06010390	0.0507539	0.316933	-3.15524	0.0141316	0.209417	-4.77517	0.0749466	0.359201	-2.78396	0.956877	1.02831	1.02831	3.4071	14.3816	3.75205	1
cg17008375	0.131145	2.7718	2.7718	0.949882	0.961445	-1.0401	0.0285224	5.03542	5.03542	0.0324024	4.79082	4.79082	3.39038	21.0083	5.50796	1
cg09798033	0.0836328	1.32903	1.32903	0.190501	1.22869	1.22869	2.58E-05	0.289768	-3.45104	0.0122784	0.629177	-1.58938	34.997	12.233	0.310706	1
cg14733103	0.728636	1.06079	1.06079	0.00236318	2.05141	2.05141	2.18E-05	0.235506	-4.24618	0.00993656	0.575957	-1.73624	23.8268	10.8329	0.404135	1
cg22147968	0.465911	1.1353	1.1353	0.0254385	1.57495	1.57495	0.211388	0.798379	-1.25254	0.613584	0.916603	-1.09099	22.5923	10.4651	0.411746	1
cg27476248	0.445632	0.908624	-1.10057	0.0320637	0.733805	-1.36276	3.89E-05	0.378719	-2.64048	0.0435435	0.751226	-1.33116	21.6392	5.20594	0.213848	1
cg24309040	0.649241	1.16007	1.16007	0.521147	0.809874	-1.23476	0.156897	0.612045	-1.63387	0.195109	1.55952	1.55952	20.6871	34.4513	1.48032	1
cg10535597	0.0122776	0.339012	-2.94975	0.000130212	0.099795	-10.0205	8.06E-05	0.0847797	-11.7953	0.0039218	0.260192	-3.84331	18.161	34.5982	1.69341	1
cg27650540	0.0385117	0.645727	-1.54864	0.445154	0.867613	-1.15259	9.52E-05	0.281398	-3.55369	0.180954	0.771702	-1.29584	14.6013	7.69811	0.468642	1
cg05134054	0.000129998	5.74504	5.74504	0.465628	1.21569	1.21569	0.439151	0.812569	-1.23067	0.0384072	0.532049	-1.87953	12.3786	13.5651	0.974094	1
cg07658449	0.035129	2.00908	2.00908	0.489063	1.22112	1.22112	0.0264858	0.473414	-2.11232	0.0303105	2.06228	2.06228	9.78985	12.528	1.13751	1
cg17304276	0.608637	0.845413	-1.18285	0.0810657	0.533145	-1.87566	7.33E-05	0.0958582	-10.4321	0.16002	0.613766	-1.62929	9.53603	15.9697	1.4886	1
cg16241421	0.120045	1.35383	1.35383	0.00579068	0.522387	-1.91429	0.000120678	3.3426	3.3426	0.890611	1.02503	1.02503	9.27224	4.73846	0.454256	1
cg16235197	0.670787	1.09793	1.09793	0.128146	1.43243	1.43243	0.00016804	0.246755	-4.0526	0.996626	0.999077	-1.00092	8.92198	6.74617	0.672115	1
cg13599258	0.281643	1.30196	1.30196	0.239399	0.747857	-1.33715	0.0020457	0.358847	-2.7867	0.665715	1.10795	1.10795	8.81834	7.76734	0.782948	1
cg19720753	0.635591	1.1587	1.1587	0.347026	0.741707	-1.34824	0.00141927	0.240538	-4.15734	0.00880047	0.357226	-2.79935	8.304	12.523	1.34051	1
cg25113157	0.0257187	1.92963	1.92963	0.0751053	1.63523	1.63523	0.00382773	0.380067	-2.63112	0.417436	0.814143	-1.22828	8.17592	7.97252	0.866775	1
cg23300267	0.165486	0.62418	-1.6021	0.147003	0.609029	-1.64196	0.000891713	0.204843	-4.88178	0.009977	0.354618	-2.81993	8.00622	12.8734	1.42926	1
cg01290565	0.234466	0.686314	-1.45706	0.0107251	0.379659	-2.63394	0.000353074	0.176667	-5.66035	0.00990129	0.373731	-2.67572	7.98004	11.5295	1.28426	1
cg06705947	0.0385916	0.531315	-1.88212	0.170393	0.680196	-1.47016	0.00384731	0.357673	-2.79585	0.271396	0.739177	-1.35286	7.54539	8.32556	0.980797	1
cg26875655	0.0456936	0.42032	-2.37914	0.0188016	0.340655	-2.93552	0.0580416	0.444618	-2.24912	0.00624397	0.259656	-3.85124	7.38228	16.7346	2.01499	1
cg14550163	0.927109	1.02703	1.02703	0.701957	0.893975	-1.1186	0.00099234	0.240263	-4.16211	0.0555085	0.531222	-1.88245	6.62481	8.91475	1.19614	1
cg01638592	0.653834	1.08214	1.08214	0.104838	1.36887	1.36887	0.00262111	2.15521	2.15521	0.846801	1.03438	1.03438	7.40454	3.50424	0.368088	1
cg05977462	0.0548299	0.555786	-1.79926	0.075349	0.586252	-1.70575	0.597088	0.865995	-1.15474	0.0289511	0.499321	-2.00272	6.31428	7.2746	1.02408	1
cg24415293	0.0541053	2.29272	2.29272	0.0034322	4.52105	4.52105	0.445787	1.34312	1.34312	0.0177113	2.9885	2.9885	6.20322	14.1536	2.02814	1
cg16619352	0.744737	1.1124	1.1124	0.637083	1.16759	1.16759	0.000683417	0.184221	-5.42827	0.0909732	0.544945	-1.83505	6.0837	10.2428	1.49658	1
cg05529091	0.133848	1.86758	1.86758	0.307984	0.665191	-1.50333	0.00296295	0.206839	-4.83468	0.0115242	0.294993	-3.38991	5.98428	14.1467	2.10131	1
cg20964024	0.0872382	1.99403	1.99403	0.107965	1.89847	1.89847	0.312263	0.682455	-1.4653	0.0355537	2.44576	2.44576	5.78497	12.2398	1.88071	1
cg17190608	0.27427	0.817221	-1.22366	0.00214729	0.465427	-2.14856	0.00990817	1.78266	1.78266	0.0440686	1.50755	1.50755	5.74692	2.86545	0.443205	1
cg14897316	0.712017	0.86603	-1.15469	0.755445	0.885853	-1.12886	0.769583	0.892308	-1.12069	0.232087	0.614976	-1.62608	5.68838	13.5576	2.11856	1
cg23438015	0.704355	1.09737	1.09737	0.733373	0.920043	-1.08691	0.0199052	0.504112	-1.98369	0.517897	0.852339	-1.17324	5.65239	5.31778	0.836267	1
cg20525229	0.300665	1.61706	1.61706	0.00514003	5.23937	5.23937	0.389706	1.48439	1.48439	0.050573	2.71403	2.71403	5.50101	17.4965	2.82719	1
cg00029284	0.953221	0.985436	-1.01478	0.36282	0.791437	-1.26352	0.00144063	0.316009	-3.16447	0.0798732	0.615053	-1.62588	5.38235	5.33159	0.880507	1
cg11813690	0.0960931	0.349682	-2.85974	0.41676	0.620533	-1.61152	0.00704919	0.134992	-7.40783	0.0663358	0.306034	-3.26761	5.29227	27.7088	4.65396	1
cg04025761	0.12045	0.567474	-1.76219	0.00547523	0.292669	-3.41683	0.00308086	0.255972	-3.90667	0.136006	0.582523	-1.71667	5.23423	9.37967	1.59288	1
cg17125804	0.358057	0.458187	-2.18252	0.00949814	0.0663103	-15.0806	0.00536638	0.0484255	-20.6503	0.0235581	0.107198	-9.32856	5.26288	50.5246	9.6002	1
cg25752163	0.638693	0.835606	-1.19674	0.841654	0.92685	-1.07892	0.0183645	2.96433	2.96433	0.222372	0.614463	-1.62744	5.09481	11.6374	2.03038	1
cg06815950	0.14867	0.337053	-2.96689	0.0159345	0.125904	-7.94255	0.0065743	0.0839142	-11.9169	0.0539246	0.215192	-4.64701	4.94023	38.5656	6.93905	1
cg17420983	0.984906	0.994382	-1.00565	0.768049	1.09208	1.09208	0.0742583	1.8083	1.8083	0.0383553	0.489334	-2.04359	4.64069	6.51936	1.24873	1
cg05979433	0.120136	0.22346	-4.47507	0.0756553	0.17247	-5.7981	0.0115753	0.0604468	-16.5435	0.215632	0.314012	-3.1846	4.63305	57.9668	11.1214	1
cg04195892	0.467069	0.720157	-1.38859	0.414862	0.690921	-1.44734	0.00081261	0.106456	-9.39356	0.065004	0.398858	-2.50716	4.59656	14.3261	2.7704	1
cg13546321	0.733885	1.08912	1.08912	0.0857702	1.60812	1.60812	0.0594032	0.5872	-1.703	0.0433491	1.78844	1.78844	4.55873	4.51901	0.881144	1
cg21426559	0.0989177	0.471334	-2.12164	0.00724407	0.236815	-4.2227	0.00785035	0.24213	-4.13001	0.044167	0.38241	-2.61499	4.5507	12.458	2.43342	1
cg11323848	0.264938	0.720399	-1.38812	0.240092	0.706666	-1.4151	0.00258994	0.307765	-3.24924	0.357941	0.76579	-1.30584	4.48681	5.66179	1.12167	1
cg00807464	0.210297	0.457907	-2.18385	0.00482393	0.109445	-9.13703	0.0113398	0.153232	-6.52606	0.0812827	0.318723	-3.13752	4.46713	24.7677	4.92838	1
cg07366670	0.224599	0.471449	-2.12112	0.00198086	0.0761037	-13.14	0.0165442	0.178029	-5.61705	0.0860342	0.326863	-3.05939	4.43084	24.3846	4.8919	1
cg14750751	0.625953	1.03377	1.03377	0.50912	1.04633	1.04633	0.0855177	1.13715	1.13715	0.00341027	1.30876	1.30876	4.29523	0.311025	0.0643659	1
cg23489038	0.14056	0.390348	-2.56182	0.0129492	0.160351	-6.23634	0.0237482	0.201559	-4.96132	0.0730861	0.305382	-3.27458	4.25297	23.7184	4.95726	1
cg10576019	0.482348	0.836987	-1.19476	0.373096	1.25593	1.25593	0.00111945	0.302431	-3.30654	0.211207	0.720168	-1.38856	3.90329	3.83942	0.874345	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg26874693	CUX2	0.0365455	0.0150722	0.077623	-12.8828	0.0421402	0.134895	-7.41316	0.0863816	0.197714
cg10238675	CUX2	0.0367887	0.457636	1.14113	1.14113	0.0771443	0.709623	-1.4092	0.114656	0.74121
cg15920906	CUX2	0.0377297	0.0151843	0.131914	-7.5807	0.061057	0.238419	-4.1943	0.133982	0.333649
cg23697486	CUX2	0.040182	0.00267574	0.127633	-7.83495	0.180806	2.02305	2.02305	0.373739	0.635867
cg24226884	CUX2	0.0440481	0.280043	0.742878	-1.34612	0.102365	0.623039	-1.60504	0.00645468	0.391619
cg26416887	CUX2	0.0450227	0.0155901	0.0882314	-11.3338	0.0401671	0.143546	-6.96638	0.186279	0.317553
cg14376625	CUX2	0.0486484	0.0651109	0.565995	-1.7668	0.046273	1.8729	1.8729	0.0378865	0.516009
cg20707409	CUZD1	2.88E-05	9.64E-06	0.341223	-2.93063	0.00290063	0.630055	-1.58716	3.35E-05	0.403449
cg02765177	CUZD1	0.000373889	0.000525666	0.193986	-5.15501	0.000958573	0.224667	-4.45103	0.00191389	0.263447
cg14705934	CUZD1	0.00128396	0.509361	0.85958	-1.16336	0.407031	1.21135	1.21135	0.000225455	0.249854
cg16295133	CUZD1	0.00331795	0.000876887	0.0934368	-10.7024	0.0242014	0.278942	-3.58498	0.00668579	0.187951
cg07636952	CUZD1	0.00593729	0.00410942	0.359238	-2.78367	0.670874	1.12039	1.12039	0.00899816	0.413414
cg06584433	CUZD1	0.0128862	0.0022676	0.110231	-9.07186	0.799702	0.876971	-1.14029	0.0269607	0.258567
cg23875509	CUZD1	0.0230175	0.0923036	0.567084	-1.76341	0.132238	0.608123	-1.6444	0.0705727	0.538654
cg26978776	CUZD1;CUZD1	0.0121795	0.00360553	0.310064	-3.22514	0.573349	0.844434	-1.18423	0.0436259	0.501904
cg03686736	CWC15	0.00960686	0.018287	0.303858	-3.29101	0.0458977	0.386083	-2.59011	0.335217	0.661449
cg20096208	CWC15;KDM4D	8.07E-05	5.50E-06	0.577094	-1.73282	0.000724711	1.3168	1.3168	0.746232	1.01753
cg14963860	CWC15;KDM4D	0.0294372	0.0328118	0.527794	-1.89468	0.209227	0.71266	-1.40319	0.00325945	2.79168
cg02491759	CWC22	0.000276536	0.0525665	0.780924	-1.28053	0.425951	0.912825	-1.0955	0.190534	0.855966
cg15975990	CWC22	0.00712094	0.78653	1.06247	1.06247	0.00259591	2.53862	2.53862	0.00185674	2.68063
cg03731358	CWF19L1	0.000449073	0.456338	0.779994	-1.28206	0.234328	1.50429	1.50429	0.00170315	4.33885
cg26465715	CWF19L1	0.00183582	0.399625	0.692697	-1.44363	0.0135107	0.272037	-3.67598	0.433472	0.711528
cg11388507	CWF19L1	0.0031357	0.0814849	0.716823	-1.39504	0.718979	0.939603	-1.06428	0.0386977	1.51103
cg18842831	CWF19L1	0.0149371	0.236456	1.67502	1.67502	0.0292627	2.90946	2.90946	0.0882452	2.18623
cg22947113	CWF19L1	0.0225304	0.665523	1.06946	1.06946	0.0484049	1.41654	1.41654	0.014847	1.5884
cg10743378	CWF19L1	0.0260391	0.0445748	0.371657	-2.69066	0.895513	0.945172	-1.05801	0.806125	0.89985
cg24309962	CWF19L1;SNORA12	5.04E-06	1.50E-05	0.317787	-3.14676	0.00491803	1.60924	1.60924	0.0429336	1.34646
cg14781374	CWF19L1;SNORA12	0.0286266	0.00254559	0.627923	-1.59255	0.131964	0.834693	-1.19805	0.0537858	1.27552
cg25102621	CWF19L2	0.00270042	0.121626	1.59825	1.59825	0.268748	0.724801	-1.37969	0.393241	1.27682
cg13435189	CWF19L2	0.00482418	0.00859051	0.71221	-1.40408	0.23355	0.881208	-1.13481	0.0191695	0.750534
cg10872513	CWF19L2	0.0398173	0.367946	1.10999	1.10999	0.621453	1.05777	1.05777	0.839493	1.02315
cg25316310	CWH43	0.000257242	0.934413	0.98222	-1.0181	0.000267032	0.271375	-3.68493	0.0070046	0.467624
cg22930650	CWH43	0.00184997	0.684406	0.868899	-1.15088	0.569308	0.820546	-1.2187	0.790686	1.09579
cg24534566	CWH43	0.00339174	0.778709	1.07504	1.07504	0.533525	1.17583	1.17583	0.0222368	2.0216
cg03170472	CWH43	0.00768018	0.535673	1.30821	1.30821	0.0509204	0.385769	-2.59222	0.0229624	0.311859
cg11935592	CWH43	0.00831471	0.450468	0.853356	-1.17184	0.00146248	0.387659	-2.57958	0.0151283	0.540339
cg18280362	CWH43	0.0450418	0.33838	1.70105	1.70105	0.218532	2.00707	2.00707	0.406706	1.57918
cg24060908	CWH43	0.047942	0.143341	0.828179	-1.20747	0.0264578	0.729465	-1.37087	0.257297	0.867861
cg04005707	CWH43;CWH43	0.00217386	0.231995	1.32998	1.32998	0.131666	1.44803	1.44803	0.00304324	2.51827
cg05724197	CX3CL1	4.63E-05	0.673164	1.0549	1.0549	0.0448985	0.748293	-1.33638	0.443438	0.90626
cg26644853	CX3CL1	0.00229222	0.00417079	2.33742	2.33742	0.0456024	1.66019	1.66019	0.00381697	2.36944
cg06830319	CX3CL1	0.00281688	0.00831056	1.69205	1.69205	0.0936571	0.7502	-1.33298	0.811403	0.963419
cg20427865	CX3CL1	0.00292199	0.0152552	1.86161	1.86161	0.288366	0.794614	-1.25847	0.00417383	2.22703
cg05408686	CX3CL1	0.00829786	0.76701	0.906678	-1.10293	0.306724	1.41751	1.41751	0.230464	1.51408
cg27664018	CX3CL1	0.0195013	0.0662538	0.475049	-2.10505	0.00948738	0.304994	-3.27875	0.0101913	0.310193
cg04452432	CX3CL1	0.0323247	0.189079	1.47538	1.47538	0.154926	0.653429	-1.53039	0.0263571	2.08804
cg05410102	CX3CL1	0.0359192	0.9082	0.957073	-1.04485	0.238363	1.59959	1.59959	0.937867	1.0301
cg00331677	CX3CL1	0.0399287	0.0115658	0.252004	-3.9682	0.0171104	3.55596	3.55596	0.0425454	2.77152
cg13145644	CX3CR1	0.00510274	0.836031	0.907278	-1.1022	0.000973729	0.0998701	-10.013	0.00216026	0.132429
cg19806398	CX3CR1;CX3CR1;CX3CR1	0.0149365	0.980915	1.0052	1.0052	0.0599189	0.631244	-1.58417	0.32215	0.801179
cg01394385	CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.000499628	0.98934	0.996537	-1.00347	0.103327	0.629643	-1.5882	0.0920289	0.617822
cg03296370	CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.000704687	0.906745	0.98406	-1.0162	0.0284991	1.42535	1.42535	0.0124084	0.652657
cg19838154	CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.00541253	0.230704	0.852573	-1.17292	0.00412885	1.62889	1.62889	0.0425104	0.743561
cg03341377	CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.0355778	0.159189	0.717395	-1.39393	0.523821	0.867092	-1.15328	0.00447961	0.433172
cg24130739	CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.0380771	0.588666	0.864768	-1.15638	0.984179	0.994737	-1.00529	0.0338409	0.517184
cg04498110	CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.0482578	0.188299	1.71287	1.71287	0.0380867	0.395301	-2.52972	0.0215269	0.344434
cg05046858	CX3CR1;CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.00358327	0.688054	1.09071	1.09071	0.0963774	0.675197	-1.48105	0.00134179	0.366946
cg04569233	CX3CR1;CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.00427271	0.279501	0.760393	-1.31511	0.548794	0.862596	-1.15929	0.00118123	0.313779
cg25626175	CXADR	0.0112547	0.593435	1.08937	1.08937	0.00865221	0.587597	-1.70185	0.321705	0.849904
cg03167275	CXADR	0.0182956	0.151047	1.15608	1.15608	0.881532	0.986042	-1.01416	0.000524805	1.6643
cg25321703	CXADR	0.0258334	0.466772	0.935089	-1.06942	0.0809755	0.839159	-1.19167	0.344245	0.915492
cg00570697	CXADR	0.0284494	0.285778	1.16958	1.16958	0.0328364	1.42297	1.42297	0.00103622	1.98678
cg08883696	CXADRP2	0.000231511	0.687609	0.930142	-1.0751	0.000478671	0.374581	-2.66965	0.663771	0.92463
cg24774182	CXADRP2	0.00972418	0.00326489	0.411985	-2.42727	0.0280116	0.563281	-1.77531	0.305499	0.790863
cg22197934	CXADRP3	0.000472601	2.66E-05	0.196669	-5.08468	0.549576	1.1259	1.1259	0.000912052	0.37866
cg06691490	CXADRP3	0.000787521	0.157907	0.839727	-1.19086	0.000130891	0.463844	-2.1559	0.000977237	0.567006
cg23320334	CXADRP3	0.00203032	0.121428	0.77002	-1.29867	0.0805229	0.739568	-1.35214	0.125112	0.772312
cg07423399	CXADRP3	0.00270847	0.00624408	0.621175	-1.60985	0.0283583	0.707701	-1.41303	0.023865	0.697554
cg08161323	CXCL1	6.95E-05	0.0080828	0.576905	-1.73339	0.106942	1.3303	1.3303	0.902166	0.980255
cg02029926	CXCL1	0.00028342	0.00852446	0.413333	-2.41936	0.0111758	0.433055	-2.30917	0.00607286	0.389474
cg10521638	CXCL1	0.000375258	0.018359	0.646216	-1.54747	0.479884	0.896207	-1.11581	0.487902	1.11352
cg19170015	CXCL1	0.000485999	0.0105044	0.360756	-2.77195	0.0104424	0.360317	-2.77534	0.0083026	0.343564
cg25806808	CXCL1	0.000512208	0.177596	0.792218	-1.26228	0.144423	0.775021	-1.29029	0.772172	0.953902
cg08894362	CXCL1	0.00177799	0.305728	1.14553	1.14553	0.0649549	1.30411	1.30411	0.0934577	1.26665
cg10350689	CXCL1	0.020762	0.606999	1.13242	1.13242	0.593088	0.878725	-1.13801	0.0151645	0.48917
cg09054949	CXCL1	0.0479395	0.00408389	0.558875	-1.78931	0.348157	1.157	1.157	0.990461	1.00181
cg01288089	CXCL10;ART3	0.00191322	0.000232577	0.0519163	-19.2618	0.00894997	0.199789	-5.00528	0.00808885	0.193439
cg25799590	CXCL10;ART3	0.0337242	0.144156	0.544095	-1.83791	0.873742	0.940175	-1.06363	0.607647	0.817999
cg23884076	CXCL10;ART3	0.0366667	0.166243	0.39368	-2.54013	0.332952	0.532224	-1.87891	0.0563164	0.255439
cg25154236	CXCL12;CXCL12	0.00895311	0.0130804	0.318877	-3.136	0.0649683	0.463247	-2.15867	0.00718975	0.275718
cg26267854	CXCL12;CXCL12;CXCL12	0.00192348	0.197468	1.30472	1.30472	0.187776	0.76145	-1.31328	0.283792	0.804603
cg25721625	CXCL12;CXCL12;CXCL12	0.0121115	0.288632	0.900668	-1.11029	0.00560235	1.41261	1.41261	0.00963765	1.365
cg12793525	CXCL12;CXCL12;CXCL12	0.0130099	0.729732	1.08567	1.08567	0.033715	1.79993	1.79993	0.495155	0.848609
cg07001963	CXCL12;CXCL12;CXCL12	0.0191876	0.081364	0.577563	-1.73141	0.112597	0.61215	-1.63359	0.0907192	0.588872
cg08979862	CXCL12;CXCL12;CXCL12	0.0200465	0.000950184	0.646477	-1.54685	0.216849	0.891307	-1.12195	0.176728	1.1356
cg09348985	CXCL12;CXCL12;CXCL12	0.0201804	0.136129	2.00096	2.00096	0.0317478	2.96633	2.96633	0.399697	1.45116
cg18618334	CXCL12;CXCL12;CXCL12	0.0263482	0.067655	3.86724	3.86724	0.004188	12.6131	12.6131	0.137275	2.87914
cg00499822	CXCL12;CXCL12;CXCL12	0.0343251	0.0891637	2.21842	2.21842	0.0243954	3.12714	3.12714	0.0818415	2.26966
cg14834721	CXCL13	0.000432758	0.109882	1.18719	1.18719	0.762679	1.03027	1.03027	0.00219214	0.655125
cg24284822	CXCL13	0.000470132	3.30E-05	0.0552034	-18.1148	0.0575946	0.462236	-2.1634	0.000457103	0.137566
cg17907057	CXCL13	0.000596294	4.76E-05	0.0484173	-20.6538	0.0112131	0.28488	-3.51025	0.0195252	0.327794
cg12020230	CXCL13	0.00065879	3.83E-05	0.0609888	-16.3965	0.725774	0.882719	-1.13286	0.00526004	0.271536
cg17001652	CXCL13	0.00380079	0.00693933	0.117437	-8.51517	0.000797979	0.0448323	-22.3054	0.0400108	0.233349
cg06662476	CXCL13	0.00520031	0.588564	0.864435	-1.15683	0.175007	0.680601	-1.46929	0.126292	0.643249
cg08724409	CXCL13	0.0187602	0.803713	0.874773	-1.14315	0.0154225	0.202516	-4.93787	0.0500001	0.300962
cg01134794	CXCL13	0.0238725	0.0334823	0.310716	-3.21837	0.0322029	0.307187	-3.25535	0.0116642	0.226942
cg17008288	CXCL14	0.00143641	0.150568	0.717559	-1.39361	0.0179605	0.538266	-1.85782	0.00130431	0.36478
cg08373187	CXCL14	0.00970179	0.00383207	0.351837	-2.84223	0.0608581	1.76163	1.76163	0.613844	0.872535
cg27090201	CXCL14;CXCL14	0.000105834	0.598891	0.922568	-1.08393	0.120501	0.774368	-1.29137	0.122813	0.775796
cg07557560	CXCL14;CXCL14	0.0212241	0.949985	1.01694	1.01694	0.775356	0.926242	-1.07963	0.499801	1.20133
cg22215737	CXCL16;ZMYND15;CXCL16;ZMYND15	0.00346099	0.000133207	0.374408	-2.67089	0.735875	0.951022	-1.0515	0.902652	1.01832
cg08313880	CXCL16;ZMYND15;ZMYND15;CXCL16	0.0245657	0.214578	0.563392	-1.77496	0.917118	1.04677	1.04677	0.936884	1.03539
cg15937958	CXCL17;CXCL17	0.048171	0.0178983	0.728901	-1.37193	0.305044	0.889841	-1.1238	0.329694	0.895354
cg09521108	CXCL1;CXCL1	0.0253228	0.137461	1.43263	1.43263	0.1151	1.46968	1.46968	0.691593	1.09375
cg26013975	CXCL2	0.000542652	0.000320537	0.314938	-3.17523	0.000189752	0.286961	-3.4848	0.000395594	0.326468
cg06312813	CXCL2	0.000945553	0.844635	1.03498	1.03498	0.026336	0.630254	-1.58666	0.138982	1.32192
cg18356190	CXCL2	0.00159601	0.000412689	0.250238	-3.9962	0.011726	0.45928	-2.17732	0.026996	0.523538
cg01470535	CXCL2	0.00219675	0.00208806	0.470786	-2.12411	0.17058	0.775807	-1.28898	0.244616	0.809181
cg23244559	CXCL2	0.00322672	0.0527184	0.744713	-1.3428	0.00195207	0.5564	-1.79727	0.0402296	0.728164
cg02741554	CXCL2	0.0184158	0.18442	0.71969	-1.38949	0.0138373	0.491289	-2.03546	0.0113343	0.476731
cg05205953	CXCL2	0.0411513	0.484822	0.77448	-1.29119	0.617865	1.1985	1.1985	0.538125	0.798983
cg05641882	CXCL3	0.0020184	0.0774826	0.74315	-1.34562	0.425637	1.13095	1.13095	0.79191	0.960792
cg25137687	CXCL3	0.0065766	0.00598655	0.423749	-2.35989	0.0414397	0.570033	-1.75428	0.497304	0.84815
cg15478045	CXCL5	0.0100041	0.500138	1.18941	1.18941	0.00920583	0.432605	-2.31158	0.650133	0.89072
cg04559909	CXCL5	0.0103654	0.684844	1.19647	1.19647	0.182402	1.86285	1.86285	0.0257672	0.312217
cg13215970	CXCL5	0.0136762	0.526658	0.758441	-1.31849	0.00852199	4.24996	4.24996	0.267905	0.60811
cg16055869	CXCL5	0.0178612	0.573712	0.704895	-1.41865	0.0336764	4.60017	4.60017	0.394892	0.585052
cg21106462	CXCL5	0.0416082	0.00728623	0.197073	-5.07427	0.492099	0.758862	-1.31776	0.0567732	0.399039
cg10088985	CXCL5;CXCL5	0.00392053	0.0820223	0.304692	-3.282	0.445763	0.61916	-1.61509	0.0051203	0.102173
cg23501567	CXCL6	0.000574667	0.76949	0.98192	-1.01841	0.327261	0.939138	-1.06481	0.141747	0.906563
cg25432696	CXCL6	0.00914702	0.114787	0.534912	-1.86947	0.0741886	0.483917	-2.06647	0.169603	0.586399
cg24774306	CXCL6	0.0294606	0.0928079	0.461765	-2.16561	0.133961	0.509002	-1.96463	0.835963	1.09049
cg03199006	CXCL9	0.00786197	0.00326156	0.375853	-2.66061	0.483461	0.840507	-1.18976	0.0162619	0.488234
cg06683602	CXCR1	0.000373308	0.461586	0.821701	-1.21699	0.51762	0.842084	-1.18753	0.00106284	0.281439
cg15908708	CXCR1	0.000644316	0.989573	1.00463	1.00463	0.0163248	0.354364	-2.82196	0.000898705	0.172736
cg14702787	CXCR1	0.00124981	0.0774141	0.426905	-2.34244	0.00338752	0.177711	-5.62711	0.0139614	0.268066
cg13519373	CXCR1	0.00151324	0.0124099	0.330723	-3.02368	0.299654	0.682376	-1.46547	0.000744261	0.161977
cg07016356	CXCR1	0.0028133	0.613321	0.902562	-1.10796	0.797749	0.949649	-1.05302	0.00315487	0.44413
cg21004129	CXCR1	0.0028622	0.0587389	0.612569	-1.63247	0.161046	0.709188	-1.41006	0.000162409	0.228225
cg15768138	CXCR1	0.0105494	0.0548667	0.432651	-2.31133	0.0785785	0.471537	-2.12072	0.0339103	0.38563
cg09294937	CXCR1	0.0108456	0.653622	1.16578	1.16578	0.0144834	0.359488	-2.78173	0.0011187	0.195972
cg18956547	CXCR1	0.018353	0.888738	0.932504	-1.07238	0.179636	2.03708	2.03708	0.015592	0.227535
cg20025658	CXCR1;CXCR1	0.000203032	0.0498821	0.637177	-1.56942	0.703775	0.925904	-1.08002	6.47E-05	0.227852
cg00002473	CXCR2	0.0285934	0.271124	0.798549	-1.25227	0.0183506	0.570109	-1.75405	0.147465	0.736985
cg15657330	CXCR2;CXCR2	0.00172654	0.178144	0.840535	-1.18972	0.00171713	0.580814	-1.72172	0.00110976	0.557965
cg17081998	CXCR2;CXCR2	0.00265591	0.0774773	0.497751	-2.00904	0.0882051	0.512329	-1.95187	0.00112684	0.181939
cg03464560	CXCR2;CXCR2	0.00274654	0.783899	0.950615	-1.05195	0.685093	1.078	1.078	0.000632528	0.380062
cg14652717	CXCR2;CXCR2	0.00389934	0.857515	1.09846	1.09846	0.00064274	0.0647615	-15.4413	0.000643589	0.0647978
cg25941354	CXCR2;CXCR2	0.00856265	0.0038289	0.442989	-2.25739	0.0224435	0.564886	-1.77027	0.0160382	0.540328
cg10819992	CXCR2;CXCR2	0.0216835	0.488357	0.884336	-1.13079	0.00150744	0.450072	-2.22186	0.00229066	0.475003

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14150666	CXCR2;CXCR2	0.0415578	0.441327	1.12945	1.12945	0.833081	1.03326	1.03326	0.349672	0.861349	-1.16097	0.68358	1.06559	1.06559	0.00105636	0.471923	-2.11899
cg06547715	CXCR2;CXCR2;CXCR2	0.0274868	0.546169	0.834125	-1.19886	0.117697	1.65624	1.65624	0.00431735	0.322066	-3.10495	0.0642946	0.539389	-1.85395	0.56673	1.18763	1.18763
cg14296598	CXCR3;BCYRN1;CXCR3	0.000100983	0.0573692	1.71633	1.71633	0.00919519	0.4356	-2.29568	0.0828905	0.617211	-1.62019	0.000290258	0.22648	-4.41541	1.42E-05	0.103114	-9.69804
cg12493424	CXCR3;BCYRN1;CXCR3	0.000572469	0.530535	1.15321	1.15321	0.208809	0.742841	-1.34618	0.000277567	0.263194	-3.79948	0.0218073	0.539215	-1.85455	0.000626188	0.307272	-3.25444
cg17678039	CXCR3;BCYRN1;CXCR3	0.000646958	0.951048	0.986574	-1.01361	0.18011	0.730959	-1.36807	0.00114519	0.349019	-2.86518	0.00088009	0.333602	-2.99758	0.000256314	0.265704	-3.76359
cg07182248	CXCR3;BCYRN1;CXCR3	0.00161663	0.56492	1.15936	1.15936	0.00692343	0.411394	-2.43076	0.00246973	0.343116	-2.91447	0.921502	0.975261	-1.02537	0.000986568	0.288091	-3.47112
cg12875534	CXCR3;BCYRN1;CXCR3	0.00260461	0.363069	0.803514	-1.24453	0.0337251	1.78664	1.78664	0.00285138	0.382538	-2.61412	0.00461753	0.413928	-2.41588	0.00157753	0.345754	-2.89223
cg20823742	CXCR4	3.02E-10	0.663751	0.959042	-1.04271	0.527346	0.94061	-1.06314	3.14E-10	30.743	30.743	0.338205	1.09899	1.09899	0.365012	0.914856	-1.09307
cg04513185	CXCR4	4.05E-10	0.00134454	0.695303	-1.43822	0.527505	0.951288	-1.05121	3.78E-10	15.3498	15.3498	0.884827	1.01137	1.01137	0.00366949	0.736065	-1.35858
cg03101422	CXCR4	2.50E-08	0.0234066	0.669577	-1.49348	0.0564885	1.37686	1.37686	1.27E-08	27.8946	27.8946	0.0932666	0.760754	-1.31449	0.0241654	0.671568	-1.48905
cg20366284	CXCR4	5.56E-08	0.768136	0.948132	-1.05471	0.337678	1.19491	1.19491	9.52E-08	22.9677	22.9677	0.0688844	1.44309	1.44309	0.193456	1.28135	1.28135
cg06332859	CXCR4	2.05E-07	0.147667	0.737119	-1.35663	0.0460579	1.56653	1.56653	1.27E-07	26.918	26.918	0.146316	0.736258	-1.35822	0.0550545	0.652394	-1.53282

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14150666	0.53072	1.10347	1.10347	0.673147	1.06799	1.06799	0.841965	1.03143	1.03143	0.105169	0.759957	-1.31586	3.63154	1.38249	0.33839	1
cg06547715	0.0568743	0.527313	-1.89641	0.895395	0.96169	-1.03984	0.0434728	0.501821	-1.99274	0.0272305	0.460221	-2.17287	4.21513	5.88699	1.24145	1
cg14296598	0.634535	1.12787	1.12787	2.93E-05	0.127616	-7.83599	0.206816	0.715655	-1.39732	0.00273062	0.353608	-2.82799	22.0827	22.0845	0.888964	1
cg12493424	0.0135703	0.503926	-1.98442	0.00905331	0.475064	-2.10498	0.00488068	2.30979	2.30979	0.0146922	1.96186	1.96186	13.7629	10.9733	0.708721	1
cg17678039	0.442239	1.18827	1.18827	0.00253798	2.51517	2.51517	0.0912369	1.5061	1.5061	0.582513	0.884945	-1.13001	13.3011	10.2108	0.682373	1
cg07182248	0.106432	0.63888	-1.56524	0.00191271	0.327265	-3.05563	0.0586961	1.72067	1.72067	0.0263872	1.95261	1.95261	10.2558	10.491	0.909277	1
cg12875534	0.14209	0.691174	-1.44681	0.0026416	0.377682	-2.64773	0.00792881	0.45077	-2.21843	0.039156	0.572012	-1.74822	8.92362	7.74036	0.771023	1
cg20823742	1.61E-09	16.2831	16.2831	1.11E-11	183.081	183.081	0.138785	0.858691	-1.16456	0.000964207	1.59979	1.59979	566.409	81.9959	0.12868	1
cg04513185	1.63E-08	5.46881	5.46881	1.70E-11	56.3256	56.3256	0.00405616	0.740078	-1.35121	0.000435716	0.648087	-1.543	526.213	50.7164	0.0856711	1
cg03101422	1.68E-07	10.982	10.982	1.59E-09	75.6518	75.6518	0.629715	0.930577	-1.0746	0.336949	1.15792	1.15792	186.793	64.8946	0.308813	1
cg20366284	4.67E-07	12.8688	12.8688	1.41E-09	209.514	209.514	0.245642	0.803506	-1.24455	0.704664	1.07101	1.07101	152.618	78.4555	0.456945	1
cg06332859	2.81E-06	9.06188	9.06188	1.08E-08	90.4283	90.4283	0.308937	0.813219	-1.22968	0.278344	0.801454	-1.24773	109.662	66.9575	0.54274	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3583 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg11851429	CYB561D1;CYB561D1;CYB561D1;CYB561D1;CYB561D1;CYB561D1;CYB561D1;CYB561D1	0.0102258	0.552561	0.863714	-1.15779	0.301755	1.29808	1.29808	0.000430608	3.88928	3.88928	0.457616	0.831563	-1.20255	0.580348	0.872269	-1.14588	0.227197	0.734072	-1.36226	0.006643	2.36073	2.36073	0.993895	1.00187	1.00187	0.927899	1.02232	0.858652	5.52667	0.837111	1
cg21646557	1D1;CYB561D1	0.0303933	0.706699	1.03914	1.03914	0.147936	0.85414	-1.17077	0.757426	0.969022	-1.03197	0.594892	1.05603	1.05603	0.008301668	1.4088	1.4088	0.061555	0.807431	-1.2385	0.508935	0.934208	-1.07043	0.255649	1.1281	1.1281	0.00842507	1.4074	1.4074	4.06796	0.664668	0.145237	1
cg02310103	CYB561D2	0.0282668	0.0583109	0.162289	-2.74507	0.0120873	0.2267367	-4.37891	0.0436611	0.334669	-2.98803	0.62066	0.790206	-1.26549	0.001932	0.126079	-7.9315	0.0515845	0.351431	-2.84551	0.995118	0.997117	-1.00289	0.521479	0.735888	-1.3589	0.0792072	0.3986622	-2.50864	4.173581	14.725	3.13596	1
cg02526961	CYB5A;CYB5A	0.0114439	0.0113447	0.492874	-2.02892	0.606308	1.12302	1.12302	0.999389	1.00017	1.00017	0.212821	0.746145	-1.34022	0.001635053	0.3652	2.73822	0.0678461	1.30726	1.30726	0.004692142	0.611222	-1.63607	0.216653	1.18566	1.18566	0.000348976	2.12369	2.12369	9.83301	2.67236	0.241577	1
cg23685965	CYB5A;CYB5A	0.0021663	0.412037	0.627844	-1.59275	0.0388585	0.4183132	0.08332	0.13146	2.46864	2.46864	0.008606991	0.421537	0.42157	0.682113	0.539205	-2.84063	0.0987133	2.73123	2.73123	0.000204355	31.6307	31.6307	0.001209902	1.4661	1.4661	0.05644474	3.31533	3.315533	9.41963	45.9455	4.33567	1
cg24304618	CYB5A;CYB5A	0.0876414	0.837114	1.04052	2.719388	0.93276	1.07326	-1.07209	0.133281	1.36679	1.36679	0.761853	1.06039	1.06039	0.64962	1.0877	1.0877	0.704489	0.929121	-1.07629	0.004146256	2.834444	-3.52803	0.722017	1.07135	1.07135	0.253514	1.2575	1.2575	6.16405	1.63696	0.524037	1
cg27662877	CYB5A;CYB5A	0.0281679	0.141597	0.827531	-1.20841	0.698611	1.04771	1.04771	0.73666	1.04125	1.04125	0.526632	0.926038	-1.07987	0.001412591	0.574951	-1.73928	0.735494	0.960202	-1.04145	0.0696375	1.27511	1.27511	0.0954285	1.24534	1.24534	0.891534	1.01648	1.01648	4.17897	0.9494848	0.20196	1
cg29456192	CYB5A;CYB5A	0.0354205	0.0153201	0.447554	-2.23444	0.411369	1.12302	1.12302	-1.02946	0.820561	0.820561	0.0768845	-1.05445	0.105883	0.769385	0.663373	-1.50731	0.547024	0.897584	1.11454	0.0073352	1.98148	1.98148	0.0001	1.14377	1.14377	0.166165	1.04483	1.04483	4.16916	1.43779	0.14298	1
cg21951216	CYB5A;CYB5A	0.0342089	0.550289	1.20178	2.01278	0.356868	1.13401	1.13401	0.0294011	2.18192	2.18192	0.0914587	1.75988	1.75988	0.571992	0.840568	-1.18967	0.125332	0.603788	-1.65621	0.851341	0.945275	-1.05789	0.00435759	3.18487	3.18487	0.033847	2.12441	2.12441	3.89922	5.71197	1.30213	1
cg10879998	CYB5A;CYB5A	0.0428497	0.891311	1.02019	1.022519	0.0101267	0.594136	-1.68312	0.177277	0.794456	-1.25879	0.952111	0.00969	1.00969	0.604983	0.919599	-1.08743	0.216317	0.81514	-1.23223	0.005782394	0.559707	-1.78665	0.01757511	0.6421939	-1.60797	0.926942	1.014819	1.014883	5.59052	1.46484	0.362644	1
cg00709074	CYB5B	0.009972918	0.464594	0.877451	-1.13966	0.993059	1.00153	1.00153	0.0116466	0.594231	-1.68285	0.733574	0.941755	-1.06185	0.000232112	0.543584	-2.92411	0.0908977	0.720989	-1.38698	0.000292387	0.3545359	-2.82056	0.175021	1.28783	1.28783	0.000491547	0.3833444	-2.60862	11.8584	5.79431	0.434331	1
cg06010327	CYB5B	0.00149294	0.005694971	0.776865	-1.28722	0.149388	1.113651	1.113651	0.000614047	1.44384	1.44384	0.0204905	0.752591	-1.32874	0.343272	1.07034	1.07034	0.004915471	0.771472	-1.29622	0.749254	1.02258	1.02258	0.180753	0.905786	-1.10401	0.0964748	1.1355	1.1355	10.4938	0.8057758	0.6682524	1
cg00795548	CYB5B	0.0029233	0.009952	1.2328	2.31288	0.00998586	1.595137	1.595137	0.294458	1.12322	1.12322	0.0760897	1.6523	1.6523	0.029723	1.592287	1.592287	0.176603	1.44772	1.44772	0.014599999	2.61065	2.61065	0.00188897	3.10909	3.10909	0.017536	2.674958	2.674958	8.82714	0.72456	0.939944	1
cg03491503	CYB5B	0.00281499	0.347743	1.28419	1.28419	0.0256217	0.503597	-1.98572	0.536977	0.850662	-1.17555	0.867615	1.04411	1.04411	8.91E-05	0.162856	-6.14039	0.1216213	1.09698	1.09698	0.011251	0.4397553	-2.274	0.282175	1.33527	1.33527	0.165042	1.4669	1.4669	8.72118	9.24522	0.942301	1
cg00459133	CYB5B;CYB5B	0.0381085	0.660841	1.28722	1.28722	0.152288	1.42409	2.42409	0.482483	0.664425	-1.50506	?	?	?	0.658403	1.28976	1.28976	0.6539509	0.77233	-1.29478	0.00169938	0.0965533	-10.357	0.0148295	0.170253	-5.8736	0.8085518	0.870443	-1.14884	4.15929	18.711	3.93627	1
cg13728103	CYB5C;CYB5C	0.003670022	0.0147769	0.604141	-1.28799	0.00209077	0.106165	0.106165	-1.67928	0.00876169	0.2658861	-3.76136	0.986153	1.00691	1.00691	0.898877	1.0518	1.0518	0.00802429	0.249904	-4.00514	0.996391	0.353399	0.684636	-1.46063	0.158216	0.549599	-1.81951	0.85832	20.0928	2.51637	1
cg13466974	CYB5D1;CYB5D1;SMD1	0.0155885	0.959552	1.00857	1.00857	0.358895	1.17194	1.17194	0.341433	0.848005	-1.17924	0.318352	0.840754	-1.18941	0.940668	1.0126	1.0126	0.0775964	0.718992	-1.39084	0.000837964	0.4294492	-2.32833	0.552724	1.10629	1.10629	0.556374	0.904782	-1.10524	3.84384	1.72198	0.398208	1
cg11158482	CYB5D1;CYB5D1;SMD1	0.0476403	0.324172	1.63842	1.63842	0.0787931	0.646264	-1.54783	0.0225921	0.825717	-1.21107	0.837967	1.25578	1.25578	?	?	?	0.563719	0.754021	-1.32622	0.003803021	0.0766079	-10.2451	0.00139	0.158453	-1.71077	0.236451	1.83076	1.83076	4.23792	13.0528	2.31001	1
cg25184507	CYB5D1;LSMD1	0.0225983	0.209266	1.20319	1.20319	0.20478	0.829436	-1.20564	0.001910921	1.84852	1.84852	0.591043	1.07876	1.07876	0.617025	1.07301	1.07301	0.0222777	0.681904	-1.46648	0.289041	0.857425	-1.16628	0.193784	0.825167	-1.21188	0.557726	1.08639	1.08639	4.51215	1.39599	0.275009	1
cg21068030	CYB5D1;LSMD1	0.0475436	0.796957	1.02972	1.02972	0.109493	0.197496	1.59209	1.59209	1.59209	0.308027	2.737154	1.3944	1.3944	0.305713	1.396781	1.396781	0.598286	1.44592	1.44592	0.054855	0.2469545	-4.05049	0.184583	0.615376	1.75075	0.5090001	-1.96463	0.0823576	7.063986	-3.85083	0.978147	0.991407	-1.00867	0.145341	4.59249	1.39773	1
cg09770278	CYB5D1;LSMD1;LSMD1	0.00705337	0.0165642	0.613953	-1.62879	0.458339	1.13413	1.13413	0.782268	0.954875	-1.04726	0.0301394	0.653771	-1.52959	0.756639	1.05318	1.05318	0.725906	1.06042	1.06042	0.0736318	1.39431	1.39431	0.449283	0.879406	-1.13713	0.000479758	2.49232	2.49232	6.59947	2.90356	0.391083	1
cg16732970	CYB5D1;LSMD1	0.042507	0.109874	0.437535	-2.28553	0.0149302	11.2627	11.2627	?	?	?	0.848711	1.06691	1.06691	?	?	?	0.271965	1.56741	1.56741	?	?	?	?	?	?	?	?	?	?	?	?	1
cg19105961	CYB5D2;ZZEF1;ZZEF1;CYB5D2;CYB5D2	0.0417886	0.665118	0.949192	-1.05353	0.827727	1.02651	1.02651	0.704884	1.04661	1.04661	0.889479	1.01679	1.01679	0.312158	0.882324	-1.13337	0.806018	1.0299	1.0299	0.000768333	1.84032	1.84032	0.387493	1.11188	1.11188	0.470519	0.915855	-1.09188	3.6241	0.822837	0.201819	1
cg09939897	CYB5R1	0.000340054	0.00729024	0.787613	-1.27016	0.00440049	1.150913	1.150913	0.224531	0.822405	0.822405	0.0107317	-1.8312	0.041975	1.32533	1.32533	1.32533	0.001544828	0.7307	1.3706	0.001545828	0.1228	8.1433	0.143075	1.35522	1.35522	0.0196642	1.02327	1.02327	0.0948389	0.587934	1.74798	0.0001	1.74798	1
cg27169858	CYB5R1	0.000665905	0.0628985	0.753174	-1.32771	0.237979	1.28129	1.28129	0.116969	1.48333	1.48333	0.0205663	0.685229	-1.45924	0.000190164	0.42816	2.33558	0.018346	0.786113	-1.47359	0.002606011	0.5554311	-1.8004	0.0107103	1.54449	1.54449	0.0378119	1.38581	1.38581	13.1941	1.83474	0.258347	1
cg05816157	CYB5R1	0.000971002	0.0538676	0.682578	-1.46503	0.129743	1.130356	1.130356	0.0815898	1.40045	1.40045	0.622419	1.09047	1.09047	4.55E-05	0.260473	-3.83916	0.0353387	0.652061	-1.5336	0.0294731	0.6393313	-1.56418	0.0233308	1.60465	1.60465	0.0402717	0.661373	-1.51201	11.8651	5.72128	0.428618	1
cg01580090	CYB5R1	0.00818628	0.0546204	0.718477	-1.39161	0.0340127	1.43383	1.43383	0.0392513	1.74798	1.74798	0.0755839	1.43483	1.43483	0.000147818	0.3998	2.50125	0.0203162	0.647284	1.54505	0.000147818	0.2654971	-3.76689	0.0228466	1.09094	1.09094	0.0934309	0.491618	-2.03402	11.3092	5.63657	0.449091	1
cg06876708	CYB5R1	0.0430294	0.450976	1.26315	2.26315	0.0933989	1.75294	1.75294	0.0198339	2.35255	2.35255	0.892458	1.042	1.042	0.0264288	2.22682	2.22682	0.866904	0.950261	-1.05234	0.101977	0.58783	-1.70117	0.958071	1.017	1.017	0.0335228	0.469819	-2.12848	3.58494	5.25283	1.30244	1
cg15228694	CYB5R1	0.00580463	0.3170727	1.87383	1.87383	0.0134315	1.626271	1.626271	0.0264495	1.31664	1.31664	0.176454	1.17409	1.17409	0.0102675	0.678909	-1.47325	0.586204	1.4	1.4	0.000145903	0.2484564	4.03227	0.0001	1.24483	1.24483	0.133852	0.80597	-1.24057	3.6602	5.02497	1.34107	1
cg05919312	CYB5R2	0.00731275	0.173992	1.21984	1.21984	0.338445	1.1452	1.1452	0.618753	1.07136	1.07136	0.144085	1.24063	1.24063	0.007921	1.59662	1.59662	0.0048493	1.67072	1.67072	0.000216501	2.33492	2.33492	0.19169	1.20914	1.20914	0.308827	1.15571	1.15571	6.52544	2.95104	0.265768	1
cg09621031	CYB5R2	0.0195787	0.0110587	0.388885	-2.57145	0.0704404	0.549208	-1.8208	0.126081	0.612285	-1.63323	0.0569052	0.528016	-1.89388	0.002394938	0.285329	-3.50473	0.0657848	0.542318	-1.84394	0.531875	1.20644	1.20644	0.821822	0.935333	-1.06914	0.0116792	0.932987	-2.54461	4.173868	6.59273	1.23667	1
cg00899655	CYB5R2	0.0195784	0.185514	1.33086	1.33086	0.159319	0.959119	-1.04241	0.333686	0.775397	-1.29007	0.756377	1.12209	1.12209	0.862017	1.04958	1.04958	0.336282	1.31731	1.31731	0.04067136	0.643033	2.84703	0.299883	1.34481	1.34481	0.420296	1.2574	1.2574	3.86002	4.73984	1.08942	1
cg00727362	CYB5R3	0.0025944	0.0650342	2.17176	2.17176	0.0598976	2.21377	2.21377	0.12352	0.535525	-1.86733	0.435622	0.742484	-1.34683	0.000928855	0.157117	-6.36468	0.345215	0.694938	-1.43898	0.000241377	0.1029314	-9.71498	0.400149	0.7244	-1.38045	0.4291933	0.739253	-1.35272	8.93396	19.8286	1.97285	1
cg10250355	CYB5R3	0.0760373	0.6580179	1.08072	1.08072	0.0152284	1.16274	1.16274	0.687853	0.895485	-1.11654	0.436438	0.807955	-1.23797	0.389974	-1.11117	0.760315	0.6626184	0.779159	-1.28349	0.0058458	0.1111417	-8.99955	0.0058458	0.6626184	0.779159	-1.28349	0.0058458	0.1111417	-8.99955	1.33243	0.133512	0.0345178	1
cg23822915	CYB5R4	5.98E-05	0.847759	0.988298	-1.01184	0.0501092	1.2544	1.2544	1.97E-05	1.69877	1.69877	0.00884862	1.426421	1.426421	0.000883233	1.35699	1.35699	0.299268	0.68011	1.06811	3.06E-05	0.607289	1.64666	0.026205	0.850839	-1.17531	0.6827	0.973943	1.02675	1.02675	5.50847	0.0528063	1
cg25917853	CYB5R4	0.00350384	0.977071	0.989631	-1.01048	0.000171131	10.1407	10.1407	0.00638124	3.62303	3.62303	0.693993	0.85575	-1.16857	0.824795	0.922735	-1.08373	0.246281	1.55146	1.55146	0.0397182	0.4221126	-2.36896	0.0283982	2.55554	2.55554	0.55016	0.803115	-1.24515	8.17113	17.0219	1.85171	1
cg23196644	CYB5R4	0.00430066	0.0478352	0.708075	-1.41193	0.0159368	1.16274	1.16274	0.68853	0.895485	-1.11654	0.436438	0.807955	-1.23797	0.389974	-1.11117	0.760315	0.6626184	0.779159	-1.28349	0.0058458	0.1111417	-8.99955	0.0058458	0.6626184	0.779159	-1.28349	0.0058458	0.1111417	-8.99955	1.32243	0.133512	0.0345178	1
cg23822915	CYB5R4	5.98E-05	0.847759	0.988298	-1.01184	0.0501092	1.2544	1.2544	1.97E-05	1.69877	1.69877	0.00884862	1.426421	1.426421	0.000883233	1.35699	1.35699	0.299268	0.68011	1.06811	3.06E-05	0.607289	1.64666	0.026205	0.850839	-1.17531	0.6827	0.973943	1.02675	1.02675	5.50847	0.0528063	1
cg25917853	CYB5R4	0.00350384	0.977071	0.989631	-1.01048	0.000171131	10.1407	10.1407	0.00638124	3.62303	3.62303	0.693993	0.85575	-1.16857	0.824795	0.922735	-1.08373	0.246281	1.55146	1.55146	0.0397182	0.4221126	-2.36896	0.0283982	2.55554	2.55554	0.55016	0.803115	-1.24515	8.17113	17.0219	1.85171	1
cg23196644	CYB5R4	0.00430066	0.0478352	0.708075	-1.41193	0.0159368	1.16274	1.16274	0.68853	0.895485	-1.11654	0.436438	0.807955	-1.23797	0.389974	-1.11117	0.760315	0.6626184	0.779159	-1.28349	0.0058458	0.1111417	-8.99955	0.0058458	0.6626184	0.779159	-1.28349	0.0058458	0.1111417	-8.99955	1.32243	0.133512	0.0345178	1
cg20293574	CYB5R4	0.0149847	0.0436755	0.401893	-2.48822	0.641278	0.734428	-1.3616	0.0346063	0.379671	-2.63386	0.240945	0.618595	-1.61657	0.023207	0.187403	5.33608	0.123131	0.518637	-1.92813	0.00504567	0.232769	-4.2961	0.155257	1.81815	1.81815	0.0440932	0.402828	2.48245	5.18245	12.6822	2.17523	1
cg16018130	CYB5R4	?	0.0181773	?	?	?	?	?	?	0.877184	1.13992	0.0211656	0.642269	1.55672	0.222166	0.644241	1.55656	0.1588448	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg26130726	CYB5R4	0.025965	0.424708	1.11875	1.11875	0.0240719	1.44825	1.44825	0.00159763	1.86517	1.86517	0.281941	1.16639	1.16639	0.544524	0.919042	-1.08809	0.7059976	1.05355	1.05355	0.2848356	0.84696	-1.18069	0.204766	0.8317866	-1.20223	0.35131	0.8763308	-1.14115	4.30009	1.29035	0.266733	1
cg07938156	CYB5R4	0.0155817	0.0297737	0.358615	-2.7885	0.0127249	0.310007	-3.22573	0.0101291	0.272345	-3.67181	0.159324	0.547128	-1.83773	0.003894693	0.173528	-5.76227	0.0045313	0.219462	-4.55618	0.000124106	0.1732153	-5.77493	0.0127942	0.5946139	-1.68169	0.515282	0.5107021	2.2635	1.72485	0.0001	1.72485	1
cg24087235	C5R;MRLP37	5.12E-05	0.00438259	0.494819	-2.02027082	0.06858	1.64859	0.00592952	0.0001	0.0001	0.0001	0.613474	0.889021	-1.12483	0.843107	0.955572	-1.04649	0.0045378	0.219462	-4.55618	0.000124106	0.1732153	-5.77493	0.0127942	0.5946139	-1.68169	0.515282	0.5107021	2.2635	1.72485	0.0001	1.72485	1
cg16911594	C5R5;RLMRP137	0.00218527	0.655554	0.90204	-1.1086	0.384153	1.22741	1.22741	0.362653	1.01081	1.01081	0.613474	0.889021	-1.12483	0.843107	0.955572	-1.04649	0.286913	0.775748	-1.28908	2.09E-05	0.139327	-7.17735	0.544535	1.15124	1.15124	0.574705	0.877927	-1.13905	0.39448	7.84576	0.742351	1
cg03104869	C5R5;RLMRP137	0.00435615	0.449635	0.8063	-1.24013	0.0403	1.33488	1.33488	0.0127961	1.53088	1.53088	0.175358	1.07758	1.07758	1.57494	0.635403	-1.57485	0.0004533	0.219462	-4.55618	0.000124106	0.1732153	-5.77493	0.0127942	0.5946139	-1.68169	0.515282	0.5107021	2.2635	1.72485	0.0001	1.72485	1
cg17444595	C5R5;RLMRP137	0.00508769	0.852335	0.971327	-1.02952	0.00361908	2.14178	2.14178	0.847368	1.03054	1.03054	0.689844	0.919294	-1.08643	0.648884	1.38217	1.38217	0.007733838	0.586212	-1.70587	0.024638	0.8275574	-1.20835	0.0270876	1.50458	1.50458	0.711193	1.05933	1.05933	7.29973	2.81794	0.343141	1
cg04375187	C5R5;RLMRP137	0.0295919	0.0751365	0.558035	-1.85854	0.00155077	4.15094	4.15094	0.0500764	1.0395	1.0395	0.407598	0.767123	-1.30357	0.141421	0.60984	-1.63978	0.666253	1.14535	1.14535	0.1236863	0.5938303	-1.68408	0.447611	0.7850287	-1.27388	0.0931002	1.00748	1.00748	6.37476	6.52406	1.23799	1
cg08981554	C5R5;RLMRP137;CYB5R5L	0.0058169	0.369718	1.15776	1.15776	0.168594	1.08001	1.08001	0.0225254	1.20574	1.20574	0.507903	0.896464	-1.11549	0.784814	0.95383	-1.04621	0.221973	1.22227	1.22227	0.003019766	0.334778	-2.98705	0.0545207	0.7870224	-1.42668	0.624261	1.08364	1.08364	5.97827	2.92607	0.372722	1
cg03870138	CYB5A	1.95E-06	2.17E-05	3.55307	3.55307	4.67E-07	2.81629	8.21629	0.163875	0.804161	-1.24353	9.34E-05	2.81405	2.81405	4.55E-06	4.77788	4.77788	0.000104049	2.63161	2.63161	8.38E-05	2.85966	2.85966	6.31E-07	7.57921	7.57921	5.91E-05	3.01516	3.01516	61.8171	21.5855	0.310386	1
cg06102095	CYB5A	0.00134573	0.004818	0.5	-1.99985	0.0045189	0.627117	0.627117	0.215115	0.127589	0.03888	-7.69245	0.0001	0.0001	0.000139	0.58292	0.58292	0.002884	0.6324321	0.6324321	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg06422261	CYB5A	0.00333871	0.0121881	0.540052	-1.85167	0.936444	1.01585	1.01585	0.490637	0.871031	-1.14807	0.839434	1.04082	1.04082	6.30E-05	0.239936	-4.27467	0.44128	0.856538	-1.16749	0.0631106	0.6626162	-1.5102	0.0822685	0.6841414	-1.46174	0.0132716	0.5459272	-1.8316	8.28988	5.10627	0.547524	1
cg01062754	CYB5A	0.0104734	0.112331	1.5216	1.5216	0.0162206	1.0371	1.0371	0.0680637	2.16423	2.16423	0.295591	1.55651	1.55651	0.135611	1.83618	1.83618	0.022074	2.81748	2.81748	0.00111274	6.139898	6.139898	0.00262233	4.73099	4.73099	0.0138932	3.15293	3.15293	9.78805	13.086	2.00965	1
cg00054525	CYBA	0.0128536	0.0655632	3.4704	3.4704	0.0504079	1.82759	1.82759	0.082067	3.18864	3.18864	0.352324	1.77041	1.77041	0.0523374	3.7757	3.7757	0.2014973	0.83037	0.083037	0.00145318	0.59486	1.68169	0.0182947	1.56979	1.56979	0.540526	1.29	5.10312	1
cg03787864	CYBA	0.0142688	0.0243232	15.1564	15.1564	0.0494379	9.6867	9.6867	0.0251574	14.8351	14.8351	0.219777	3.69449	3.69449	0.0322798	12.669	12.669	0.0405076	10.9799	10.9799	0.00269657	66.6156	66.6156	0.00458327	45.7171	45.7171	0.0112937	24.8673	24.8673	5.26684	85.5619	14.4404	1
cg08177833	CYBA	0.0156515	0.0295455	4.93217	4.93217	0.0494379	10.1324	10.1324	0.0251574	14.8351	14.8351	0.219777	3.69449	3.69449	0.0322798	12.669	12.669	0.0291551	11.3854	11.3854	0.00317772	58.357	58.357	0.00351142	54.2128	54.2128	0.00808578	30.6562	30.6562	5.04636	81.4355	14.337	1
cg09025501	CYBA	0.019427	0.0324136	14.7298	14.7298	0.0620513	9.54859	9.54859	0.163568	9.49357	9.49357	0.0756718	8.36115	8.36115	0.0594996	9.82014	9.82014	0.018016	21.8932	21.8932	0.00321117	75.1515	75.1515	0.00623213	46.0286	46.0286	0.0164678	23.2784	23.2784	4.75119	86.7986	16.2389	1
cg03125427	CYBA	0.0152638	0.0349643	12.2627	12.2627	0.0494379	9.43306	9.43306	0.0251574	14.8351	14.8351	0.219777	3.69449	3.69449	0.0322798	12.669	12.669	0.0349643	12.2627	12.2627	0.00316468	66.4216	66.4216	0.00458327	45.7171	45.7171	0.0112937	24.8673	24.8673	5.26684	85.5619	14.4404	1
cg06539910	CYBA	0.0305654	0.685205	0.747176	-1.33837	0.131122	2.2082	2.2082	0.29478	0.45975	-2.1751	0.655757	1.37859	1.37859	0.00136231	0.0359927	-27.7834	0.0248237	0.14802	-6.75583	0.978774	1.01921	1.01921	0.236035	0.4114469	-2.43031	0.422062	0.556269	-1.79769	4.0598	32.885	7.20015	1
cg05744675	CYBA	0.0464341	0.0711504	0.6388	0.6388	0.126799	4.5512	4.5512	0.0670355	6.57915	6.57915	0.312881	2.60641	2.60641	0.0906568	5.53292	5.53292	0.0464722	0.10791	0.107911	0.0305165	10.3083	10.3083	0.0242376	33.5502	33.5502	0.0306859	10.2757	10.2757	1.84227	46.4751	11.8565	1
cg04879832	CYBA;CYBA5	0.00272259	0.0794033	0.72324	0.72324	0.0204636	1.42412	1.42412	0.01969	1.5681	1.5681	0.2564	1.22277	1.22277	0.0206466	1.56026	1.56026	0.0794033	0.72324	0.72324	0.00206466	1.56026	1.56026	0.0206466	1.56026	1.56026	0.0206466	1.56026	1.56026	0.0206466	1.56026	1.56026	0.0206466	1
cg18476690	CYB5C3;CYB5C3;CYB

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04982619	CYLD;CYLD;CYLD	0.00231018	0.164852	1.32573	1.32573	0.394957	1.18033	1.18033	0.0881939	1.4305	1.4305	0.635054	0.913031	-1.09525	0.620426	1.09966	1.09966	0.0640671	0.673002	-1.48588	0.0299473	0.615088	-1.62578	7.97E-05	3.88178	3.88178	0.10688	0.715358	-1.3979	9.24401	5.3016	0.509793	1
cg12691198	CYLD;CYLD;CYLD	0.0121175	0.0800563	1.23793	1.23793	0.845215	1.02171	1.02171	0.000923799	1.72259	1.72259	0.0234215	1.34662	1.34662	0.343461	1.11322	1.11322	0.0642716	1.25671	1.25671	0.26244	0.879487	-1.13703	0.150289	0.844112	-1.18468	0.0292024	1.32632	1.32632	5.55589	1.06285	0.170045	1
cg05340489	CYLD;CYLD;CYLD	0.0130981	?	?	?	0.761753	1.07229	1.07229	0.909645	1.0264	1.0264	0.142508	0.696381	-1.436	0.127363	1.46001	1.46001	0.568293	0.876011	-1.14154	0.000379011	0.271585	-3.68209	0.215254	0.741244	-1.34908	0.601547	1.12855	1.12855	5.52161	4.09591	0.741796	1
cg27588321	CYLD;CYLD;CYLD	0.038876	0.0224731	5.37791	5.37791	0.349307	1.80921	1.80921	0.00518071	9.68857	9.68857	0.195712	2.32105	2.32105	0.0398934	4.31319	4.31319	0.0284723	4.90859	4.90859	0.071213	3.4558	3.4558	0.358727	0.559482	-1.78737	0.336495	1.84009	1.84009	3.72193	22.3217	5.33096	1
cg01408432	CYLD;CYLD;CYLD;CYLD;CYLD	0.000940072	0.00051558	0.594486	-1.68212	0.00218925	1.5103	1.5103	0.512214	0.938201	-1.06587	0.4822	0.933748	-1.07095	0.0176715	0.7581	-1.31909	0.0035429	0.684315	-1.46132	0.0490663	1.24063	1.24063	0.157126	1.15628	1.15628	0.00842091	1.38117	1.38117	11.9743	1.74661	0.129656	1
cg06458795	CYLD;CYLD;CYLD;CYLD;CYLD	0.032575	0.285235	0.845309	-1.183	0.754348	1.04867	1.04867	0.431715	1.12919	1.12919	0.897227	0.980624	-1.01976	0.837694	0.969422	-1.03154	0.81418	0.96498	-1.03629	0.0182298	0.647956	-1.54332	0.0156442	1.56622	1.56622	0.00729917	0.592257	-1.68846	3.96848	1.4408	0.32272	1
cg06880108	CYMP	0.0129356	0.772455	0.951285	-1.05121	0.000866022	0.422703	-2.36573	0.0335144	0.651933	-1.5339	0.55709	0.902769	-1.1077	0.0100234	0.571257	-1.75053	0.131942	1.32323	1.32323	0.763905	1.05326	1.05326	0.0761864	0.711877	-1.40474	0.164906	0.774772	-1.2907	5.43897	2.55576	0.417687	1
cg24482024	CYP11A1	0.00184575	0.231098	0.754387	-1.32558	0.185823	1.36992	1.36992	0.0437095	0.594392	-1.68239	0.0154712	0.513512	-1.94738	0.00117444	0.343555	-2.91074	0.00546226	0.440453	-2.27039	0.000161017	0.235535	-4.24565	0.0124839	0.497887	-2.00849	0.939623	0.983147	-1.01714	9.86963	7.86917	0.708722	1
cg24849517	CYP11A1	0.00348458	0.0121758	0.188128	-5.31553	0.00205097	0.0980005	-10.204	0.000453761	0.0520906	-19.1973	0.624565	1.30179	1.30179	0.0190422	0.219203	-4.56198	0.0863044	0.363021	-2.75466	0.00223645	0.101364	-9.8654	0.255101	0.529753	-1.88767	0.0230354	0.233744	-4.27818	8.18462	37.0638	4.02531	1
cg17790333	CYP11A1	0.00480493	0.212272	0.713825	-1.4009	0.130168	0.65741	-1.52112	0.000141682	0.185553	-5.38929	0.180441	0.694236	-1.44043	0.107205	0.636878	-1.57016	0.0912872	0.620522	-1.61155	0.00244514	0.338971	-2.95011	0.0111129	0.441824	-2.26335	0.0476085	0.559169	-1.78837	7.42819	7.74564	0.926877	1
cg20330630	CYP11A1	0.00715504	0.457595	1.26956	1.26956	0.0678691	0.52452	-1.90651	0.000115396	0.118449	-8.44245	0.261802	0.691286	-1.44658	0.0892252	0.553601	-1.80636	0.820915	0.930961	-1.07416	0.27651	0.699684	-1.42922	0.0294517	0.445266	-2.24585	0.376273	0.750898	-1.33174	6.57005	10.3588	1.40148	1
cg18068537	CYP11A1	0.02497	0.934093	1.027	1.027	0.24697	0.677069	-1.47695	0.0219013	0.412338	-2.4252	0.0128875	0.369847	-2.70382	0.030776	0.441654	-2.26422	0.00572147	0.311257	-3.21278	0.533861	1.22504	1.22504	0.016221	0.387832	-2.57844	0.323554	0.720035	-1.38882	4.35905	7.16448	1.46097	1
cg05939495	CYP11A1	0.0310716	0.624728	1.17838	1.17838	0.912753	0.964167	-1.03717	0.0161715	0.375467	-2.66335	0.0989292	0.54753	-1.82638	0.0466643	0.468405	-2.1349	0.00282681	0.254325	-3.93198	0.987558	0.994822	-1.00521	0.0287925	0.423807	-2.35956	0.211473	0.645145	-1.55004	4.03611	7.08591	1.56056	1
cg06457577	CYP11A1;CYP11A1	3.35E-05	0.137073	0.7634	-1.30993	1.65E-06	0.131556	-7.60131	0.000374991	0.383352	-2.60857	0.894815	1.02255	1.02255	0.00242524	0.490784	-2.03756	0.553067	1.10645	1.10645	9.05E-06	0.197896	-5.05315	0.0312452	0.653075	-1.53122	0.193788	0.793121	-1.26084	29.5977	13.3213	0.400071	1
cg14349956	CYP11A1;CYP11A1	3.81E-05	0.111187	0.787212	-1.27031	0.00147152	0.531037	-1.88311	2.32E-06	0.204572	-4.88825	0.0379768	0.717679	-1.39338	0.077322	1.31098	1.31098	0.408671	0.890012	-1.12358	0.000293262	0.443245	-2.25609	1.25E-05	0.281276	-3.55522	0.143725	0.805251	-1.24185	28.6007	8.61171	0.267646	1
cg00615746	CYP11A1;CYP11A1	0.00113221	0.863085	0.983447	-1.01683	0.00192071	0.65394	-1.52919	0.000100728	0.51341	-1.94776	0.828735	1.02117	1.02117	0.193911	0.875533	-1.14216	0.0256878	1.29209	1.29209	0.282212	1.11412	1.11412	0.0109786	0.734456	-1.36155	0.0572317	1.23125	1.23125	11.3586	1.68241	0.13166	1
cg06285340	CYP11A1;CYP11A1	0.0118496	0.026662	0.289944	-3.44894	0.104514	0.43326	-2.30808	0.00175952	0.122361	-8.17255	0.00619533	0.185911	-5.37892	0.00591477	0.183195	-5.45867	0.0643281	0.375411	-2.66375	0.0888355	0.412843	-2.42223	0.0107668	0.22085	-4.52796	0.0639705	0.374798	-2.6681	5.59635	19.6933	3.12796	1
cg03449379	CYP11A1;CYP11A1	0.0305068	0.100372	0.503777	-1.98501	0.0603255	0.446231	-2.24099	0.0423804	0.410473	-2.43621	0.465809	1.32672	1.32672	0.014869	0.319463	-3.13026	0.0535792	0.43388	-2.30478	0.00554073	0.2495	-4.00802	0.032395	0.385155	-2.59636	0.109688	0.514668	-1.943	4.06257	9.33511	2.04252	1
cg08033551	CYP11A1;CYP11A1;CYP11A1	0.000440673	0.493464	1.18352	1.18352	0.0209913	0.510296	-1.95965	0.0105845	0.458883	-2.1792	0.852595	1.0461	1.0461	0.00037591	0.252212	-3.96492	0.0119875	0.46795	-2.13698	0.152426	0.689788	-1.44972	0.00010562	0.190335	-5.2539	7.96E-05	0.177831	-5.62333	14.7992	13.7583	0.826369	1
cg26785106	CYP11B1;CYP11B1	0.00283048	0.00728241	0.319717	-3.12777	0.847754	1.06537	1.06537	0.400274	0.753016	-1.32799	0.0559714	0.490036	-2.04067	0.00111294	0.20547	-4.86688	0.00370472	0.274727	-3.63998	0.000209027	0.129534	-7.72	0.253268	0.674961	-1.48157	0.245908	0.670444	-1.49155	8.70702	14.9679	1.52806	1
cg21298978	CYP11B1;CYP11B1	0.00336286	0.18944	1.48756	1.48756	0.489958	0.818436	-1.22184	0.000678667	0.226745	-4.41024	0.0914083	0.587957	-1.70081	0.134326	1.58609	1.58609	0.779357	0.922892	-1.08355	0.000461591	0.207082	-4.829	0.415988	1.2681	1.2681	0.411044	1.27146	1.27146	8.27206	10.6941	1.14915	1
cg17015994	CYP11B1;CYP11B1	0.00957055	0.0123385	0.276904	-3.61136	0.238087	1.66413	1.66413	0.0857607	0.457208	-2.18719	0.28648	0.633703	-1.57803	0.0134941	0.283565	-3.52653	0.496392	0.7523	-1.32926	0.000462376	0.103226	-9.68753	0.0871368	0.459093	-2.17821	0.082355	0.452449	-2.21019	5.99404	16.1244	2.39117	1
cg09120035	CYP11B1;CYP11B1	0.0120309	0.0163915	0.382569	-2.61391	0.414164	0.76078	-1.31444	0.00551316	0.302738	-3.30319	0.00595111	0.307907	-3.24774	0.0719294	0.517894	-1.9309	0.264587	0.683284	-1.46352	0.00408664	0.283062	-3.53279	0.0046993	0.29213	-3.42313	0.0791868	0.528177	-1.8933	5.56885	9.46167	1.51025	1
cg21901156	CYP11B1;CYP11B1	0.0217139	0.030012	0.354031	-2.82461	0.84316	0.922577	-1.08392	0.0396929	0.380015	-2.63148	0.0551413	0.412922	-2.42176	0.0235743	0.332911	-3.00381	0.088386	0.465428	-2.14856	0.00127192	0.147746	-6.76839	0.078946	0.452223	-2.2113	0.0464457	0.395404	-2.52906	4.57443	11.9892	2.32971	1
cg08230698	CYP11B1;CYP11B1	0.0276401	0.886063	0.947111	-1.05584	0.0550271	0.438433	-2.28085	0.00210762	0.194212	-5.14901	0.943258	1.02735	1.02735	0.0165143	0.329547	-3.03447	0.501441	0.772141	-1.2951	0.108644	1.94103	1.94103	0.705403	1.15482	1.15482	0.907651	0.956972	-1.04496	4.20689	9.57062	2.02221	1
cg05416055	CYP11B1;CYP11B1	0.0356222	0.75585	0.870413	-1.14888	0.0806111	0.422217	-2.36845	0.0243089	0.302852	-3.30194	0.480685	0.726896	-1.37571	0.194417	0.542896	-1.84197	0.662275	0.822372	-1.216	0.000940426	0.111293	-8.98528	0.114049	0.465359	-2.14888	0.471672	0.721963	-1.38511	3.84252	12.0496	2.78743	1
cg02318454	CYP11B1;CYP11B1	0.0411197	0.00936296	0.120439	-8.30295	0.0483046	0.234712	-4.26054	0.0559609	0.248898	-4.0177	0.108565	0.324877	-3.07808	0.0223959	0.172493	-5.79735	0.376468	0.558237	-1.79135	0.020589	0.166717	-5.99821	0.0250543	0.180481	-5.54075	0.0544573	0.246208	-4.06161	3.6458	23.8231	5.80834	1
cg02467735	CYP11B2	0.000928739	0.178103	0.820036	-1.21946	0.0966651	0.776563	-1.28772	7.07E-05	0.366051	-2.73186	0.00457553	1.68791	1.68791	0.129823	0.796999	-1.25471	0.249128	0.846178	-1.18178	0.282347	1.16754	1.16754	0.0222694	0.683954	-1.46209	0.00171771	0.537704	-1.85976	12.0155	3.65875	0.270669	1
cg10500909	CYP11B2	0.0021343	0.00127547	0.124243	-8.04873	0.00159723	0.133971	-7.46432	0.00355877	0.173243	-5.77225	0.12079	0.473882	-2.11023	0.0333379	0.331587	-3.0158	0.0908665	0.437469	-2.28588	0.00016664	0.0580715	-17.2201	0.0713314	0.409025	-2.44484	0.0240985	0.303025	-3.30006	9.46078	29.5191	2.77348	1
cg11324259	CYP11B2	0.00291953	0.560627	0.917787	-1.08958	0.54553	1.09329	1.09329	0.000114086	0.372543	-2.68426	0.795866	0.962906	-1.03852	0.612446	1.07733	1.07733	0.0957638	1.30573	1.30573	0.0293119	1.45399	1.45399	0.0102849	0.624068	-1.60239	0.664054	0.938273	-1.06579	8.62747	2.90468	0.299269	1
cg00136400	CYP11B2	0.00475956	0.315866	0.768937	-1.3005	0.394314	0.801669	-1.2474	0.00905583	0.431518	-2.3174	0.531628	1.17414	1.17414	0.000277718	0.221518	-4.5143	0.186477	0.701287	-1.42595	0.00122307	0.301616	-3.31547	0.0617031	0.586732	-1.70436	0.224386	0.723713	-1.38176	7.44968	7.5741	0.903735	1
cg15847600	CYP11B2	0.0174543	0.650003	0.912056	-1.09642	0.0442137	0.627644	-1.59326	0.00235258	0.425182	-2.35193	0.928323	1.0183	1.0183	0.0755809	1.48973	1.48973	0.0659713	0.659893	-1.5154	0.0315673	1.66199	1.66199	0.624659	1.10447	1.10447	0.952859	1.01198	1.01198	4.92579	3.16792	0.571671	1
cg18847882	CYP17A1	0.00521496	0.00801926	0.283925	-3.52206	0.164353	1.73303	1.73303	0.931313	0.968556	-1.03247	0.412161	0.732891	-1.36446	0.00504152	0.252947	-3.95339	0.531811	0.790797	-1.26455	0.000369326	0.120909	-8.27068	0.935142	0.970287	-1.03062	0.0204358	0.355091	-2.81618	7.24478	15.7597	1.93362	1
cg12009872	CYP19A1;CYP19A1	0.00018904	0.000238013	0.250874	-3.98606	0.00621552	0.44465	-2.24896	9.96E-05	0.208295	-4.80088	0.000247383	0.252853	-3.95486	0.00501544	0.430207	-2.32446	0.0534958	0.607578	-1.64588	6.64E-05	0.18988	-5.26647	0.527057	0.864498	-1.15674	0.000278917	0.259051	-3.86024	18.6539	15.2505	0.726713	1
cg01916429	CYP19A1;CYP19A1	0.00326808	0.322377	1.3833	1.3833	0.00362394	0.286612	-3.48904	0.0167419	0.395787	-2.52661	0.60107	0.845816	-1.18229	0.00162738	0.238578	-4.19151	0.00764824	2.96918	2.96918	0.880873	0.953516	-1.04875	0.018552	0.404064	-2.47486	0.0223901	0.419586	-2.3833	8.34294	13.3124	1.41836	1
cg09205611	CYP19A1;CYP19A1	0.00756527	0.508923	1.25212	1.25212	0.613504	0.842905	-1.18637	0.395364	0.746703	-1.33922	0.255428	1.48944	1.48944	0.0027022	0.248903	-4.01763	0.0213197	0.395149	-2.53069	0.0844305	0.527032	-1.89742	0.000755148	0.180138	-5.55131	0.0408141	0.452806	-2.20845	6.45645	11.5138	1.58516	1
cg21478137	CYP19A1;CYP19A1	0.0258122	0.235344	0.572085	-1.74799	0.0121024	0.245453	-4.07411	0.00954651	0.229021	-4.3664	0.0577327	0.381554	-2.62086	0.00678009	0.206886	-4.83358	0.176626	0.524673	-1.90595	0.0194589	0.28129	-3.55505	0.0189585	0.279215	-3.58147	0.135583	0.485649	-2.0591	4.30897	13.7599	2.8385	1
cg09819222	CYP19A1;CYP19A1	0.0265902	0.451566	0.919875	-1.0871	0.755282	0.966528	-1.03463	0.190734	1.16284	1.16284	0.0148234	0.721498	-1.38601	0.00498923	1.49876	1.49876	0.149023	0.844929	-1.18353	0.0665666	0.79931	-1.25108	0.861496	0.981164	-1.0192	0.444544	1.08858	1.08858	4.26446	0.800803	0.16692	1
cg13216022	CYP19A1;CYP19A1	0.0322103	0.245089	0.546611	-1.82946	0.04592	0.320908	-3.11616	0.00978458	0.197366	-5.06672	0.0462296	0.321574	-3.10971	0.982198	1.01115	1.01115	0.913437	0.947414	-1.05551	0.00428454	0.149864	-6.6727	0.0422752	0.312824	-3.19669	0.0599733	0.348464	-2.86973	3.98452	15.5742	3.47438	1
cg05492904	CYP19A1;CYP19A1	0.0327735	0.726139	1.15679	1.15679	0.397796	0.698661	-1.43131	0.719762	0.86138	-1.16093	0.0120002	0.273098	-3.66168	0.011346	0.269023	-3.71715	0.0492213	0.394647	-2.53391	0.0359353	0.363955	-2.7476	0.0212707	0.317697	-3.14765	0.0237234	0.326865	-3.05937	3.95984	10.7587	2.41506	1
cg17183213	CYP1A1	0.0053566	0.843546	1.06344	1.06344	0.00480694	0.312043	-3.20469	0.0203275	0.418683	-2.38844	0.0202038	0.41818	-2.39131	0.506726	1.23328	1.23328	0.67293	0.876202	-1.14129	0.687959	1.13391	1.13391	0.00121001	0.228765	-4.3713	0.00205083	0.25869	-3.86564	7.18556	11.026	1.36397	1
cg03797501	CYP1A1	0.00799903	0.414336	1.13479	1.13479	0.55243	1.09536	1.09536	0.814058	1.03635	1.03635	0.531713	0.908469	-1.10075	0.680317	0.939147	-1.0648	0.850097	1.02909	1.02909	9.71E-05	0.349887	-2.85807	0.710299	0.945028	-1.05817	0.568035	1.09139	1.09139	6.34439	2.30735	0.323274	1
cg27426425	CYP1A1	0.0128033	0.53017	1.10403	1.10403	0.814652	0.964112	-1.03722	0.821174	1.03586	1.03586	0.965041	0.993202	-1.00684	0.792483	0.959796	-1.04189	0.543988	1.1003	1.1003	0.180512	0.801466	-1.24771	0.000206228	2.63105	2.63105	0.306859	0.848202	-1.17896	5.45723	2.09345	0.340987	1
cg23680900	CYP1A1	0.0159857	0.022882	2.63238	2.63238	0.00242155	4.48806	4.48806	0.241058	1.54699	1.54699	0.116658	1.83318	1.83318	0.0980491	1.90633	1.90633	0.0209264	2.68558	2.68558	0.0782235	0.498784	-2.00488	0.270808	0.665242	-1.50321	0.974623	1.01137	1.01137	5.0725	10.1539	1.77935	1
cg26424993	CYP1A1	0.0230426	0.927044	1.02654	1.02654	0.377045	0.771612	-1.29599	0.00200834	0.287393	-3.47955	0.619398	1.15399	1.15399	0.299824	1.3598	1.3598	0.0345167	0.494022	-2.0242	0.183101	1.49788	1.49788	0.0213657	0.453358	-2.20576	0.301327	0.736155	-1.35841	4.482	5.80767	1.1518	1
cg01919118	CYP1A1	0.025249	0.180954	1.31478	1.31478	0.18359	1.31235	1.31235	0.0798581	1.45422	1.45422	0.280103	0.805475	-1.2415	0.995032	1.0012	1.0012	0.128877	0.728926	-1.37188	0.00217754	0.4367	-2.2899	0.533533	0.885595	-1.12918	0.14073	1.35701	1.35701	4.34223	2.55284	0.522586	1
cg20004910	CYP1A1	0.0262909	0.558051	1.28573	1.28573	0.237475	1.69056	1.69056	0.00782927	4.25498	4.25498	0.268707	1.63027	1.63027	0.398078	1.44353	1.44353	0.19479	0.558847	-1.7894	0.00436956	0.198845	-5.02904	0.497507	1.3394	1.3394	0.359519	1.49138	1.49138	4.28139	12.2058	2.53413	1
cg10009577	CYP1A1	0.0269488	0.0326998	0.618106	-1.61784	0.0437047	1.56262	1.56262	0.672822	0.921487	-1.0852	0.409907	0.850239	-1.17614	0.227285	0.783478	-1.27636	0.371312	0.838015	-1.1933	0.00216923	0.436758	-2.2896	0.0583356	0.66243	-1.50959	0.908889	0.978202	-1.02228	4.24449	2.49135	0.521743	1
cg13027682	CYP1A1	0.0307502	0.00564188	0.384293	-2.60218	0.379912	0.788882	-1.26762	0.685087	1.11331	1.11331	?	?	?	0.863077	1.04649	1.04649	0.119734	1.55962	1.55962	0.663221	0.891047	-1.12228	0.00604173	0.389	-2.57069	0.923009	1.02578	1.02578	4.11885	4.01917	0.975798	1
cg13035254	CYP1A1	0.0373855	0.276333	0.482353	-2.07317	0.176611	0.396574	-2.5216	0.0443419	0.226024	-4.42431	0.0859041	0.294636	-3.39402	0.0131469	0.138097	-7.24127	0.13718	0.35671	-2.8034	0.00351213	0.0781587	-12.7945	0.0255435	0.181146	-5.52041	0.0678492	0.267958	-3.73193	3.77556	24.7901	5.8364	1
cg26516004	CYP1A1	0.0398345	0.191381	1.87002	1.87002	0.120827	2.14104	2.14104	0.178897	0.524042	-1.90824	0.459396	1.40619	1.40619	0.0164783	0.265539	-3.76592	0.0109468	0.235744	-4.2419	0.152469	0.499797	-2.00081	0.215379	0.554272	-1.80417	0.77676	1.13728	1.13728	3.68876	11.9634	2.88284	1
cg20433014	CYP1A1	0.04053	0.958373	0.993647	-1.00639	0.946463	0.991834	-1.00823	0.015992	1.43352	1.43352	0.998513	1.00023	1.00023	0.29923	0.876889	-1.1404	0.00918893	0.667727	-1.49762	0.342255	0.887378	-1.12692	0.0339371	1.353	1.353	0.996872	0.999521	-1.00048	3.66531	0.865547	0.209907	1
cg09207718	CYP1A2	1.15E-07	4.10E-06	0.199272	-5.01826	3.65E-08	0.0513378	-19.4788	0.00316231	0.543785	-1.83896	0.00219543	0.522717	-1.91308	5.07E-08	0.0579579	-17.2539	0.901639	0.981495	-1.01885	1.96E-08	0.0401762	-24.8903	2.35E-05	0.279251	-3.58101	0.00341902	0.548319	-1.82376	127.074	45.9291	0.321275	1
cg23514400	CYP1A2	0.0100009	0.391138	0.76766	-1.30266	0.308927	0.728415	-1.37284	0.118461	0.600466	-1.66537	0.0503627	0.511076	-1.95666	0.00628698	0.342616	-2.91872	0.26218	1.42166	1.42166	0.00105425	0.232695	-4.29747	0.00468866	0.322691	-3.09894	0.677222	0.881641	-1.13425	5.91045	8.47681	1.27485	1
cg04968473	CYP1A2	0.0104745	0.0960614	0.510114	-1.96035	0.0879298	0.499773	-2.00091	0.00104284	0.167371	-5.97475	0.326044	0.68835	-1.45275	0.0575565	0.453407	-2.20553	0.00991541	0.301256	-3.31944	0.00387229	0.23861	-4.19094	0.00855679	0.290717	-3.43977	0.460228	0.758127	-1.31904	5.82348	12.5102	1.90954	1
cg14503537	CYP1A2	0.0116469	0.00162572	0.210826	-4.74326	0.27189	0.67416	-1.48333	0.00530087	0.281713	-3.54972	0.676648	1.15556	1.15556	0.0371702	0.434298	-2.30257	0.987574	0.994646	-1.00538	0.00660518	0.296504	-3.37264	0.037327	0.43469	-2.30049	0.0733835	0.502452	-1.99024	5.6277	10.593	1.67315	1
cg24182584	CYP1A2	0.0177218	0.353282	0.643712	-1.55349	0.650626	1.23402	1.23402	0.0141384	0.247437	-4.04143	0.0672504	0.388342	-2.57505	0.0060582	0.191438	-5.22361	0.630497	0.799684	-1.25049	0.215554	0.548164	-1.82427	0.00127075	0.114364	-8.74404	0.736432	0.855727	-1.1686	4.90071	16.5103	2.99463	1
cg11473616	CYP1A2	0.0181671	0.804803	0.910923	-1.09779	0.00628243	0.261495	-3.82416	0.0172644	0.335248	-2.98287	0.370265	0.707037	-1.41435	0.0198913	0.346782	-2.88366	0.0353315	0.397155	-2.51791	0.00921704	0.287807	-3.47455	0.00582206	0.256492	-3.89876	0.134925	0.544852	-1.83536	4.86	10.9273	1.99858	1
cg07301433	CYP1B1	0.000207712	0.000149226	0.398088	-2.51201	0.839724	1.02904	1.02904	0.0410315	1.39559	1.39559	0.0158042	0.658364	-1.51892	0.00357236	1.74711	1.74711	0.83076	1.03072	1.03072	3.61E-05	0.324571	-3.08099	0.0313027	1.42922	1.42922	0.926904	0.987112	-1.01306	18.1836	5.75524	0.28134	1
cg01936270	CYP1B1	0.00076154	0.092387	0.868915	-1.15086	0.199921	0.902377	-1.10818	0.0409681	0.836157	-1.19595	0.186353	1.11213	1.11213	0.00856608	1.2897	1.2897	0.090654	1.1519	1.1519	0.000977346	0.689336	-1.45067	0.00219108	0.721897	-1.38524	0.000664593	1.48483	1.48483	12.7069	1.15815	0.0810161	1
cg11656478	CYP1B1	0.000842167	0.7726	0.954	-1.04822	0.00147657	2.10774	2.10774	0.000171348	0.35419	-2.82335	0.0905602	0.738546	-1.35401	0.233079	0.816106	-1.22533	0.844089	1.03252	1.03252	0.0384991	0.677302	-1.47645	0.178934	1.26119	1.26119	0.000761185	0.436423	-2.29136	12.3521	5.16738	0.371858	1
cg14407177	CYP1B1	0.000958443	0.722093	1.04499	1.04499	0.467458	0.912912	-1.0954	0.0050379	1.57954	1.57954	0.785243	0.9669	-1.03423	2.09E-05	0.347407	-2.87846	0.133236	0.819051	-1.22092	0.339137	1.1291	1.1291	0.202739	0.847285	-1.18024	0.286936	0.87261	-1.14599	11.9089	2.86439	0.2138	1
cg03648789	CYP1B1	0.00440409	0.109536	0.791197	-1.26391	0.169409	1.21714	1.21714	0.807153	0.967704	-1.03337	0.641884	1.06489	1.06489	0.340072	0.876353	-1.14109	7.37E-05	0.380072	-2.63108	0.0266414	0.702825	-1.42283	0.686275	0.94695	-1.05602	0.724313	0.953575	-1.04868	7.62739	2.17682	0.253685	1
cg02162897	CYP1B1	0.00572342	0.0552688	2.0108	2.0108	0.00268293	3.79623	3.79623	0.147869	1.64725	1.64725	0.179038	1.58233	1.58233	0.0449971	2.09505	2.09505	0.576712	0.834193	-1.19876	0.000647407	5.37651	5.37651	0.00550968	3.23153	3.23153	0.00946237	2.87811	2.87811	7.04084	11.5248	1.45498	1
cg03890222	CYP1B1	0.0238586	0.00608182	13.1155	13.1155	0.106321	3.55116	3.55116	0.126004	3.28582	3.28582	0.024417	6.86877	6.86877	0.579506	0.668853	-1.4951	0.66386	0.730365	-1.36918	0.682311	0.743991	-1.3441	0.0041813	15.7604	15.7604	0.105416	3.56499	3.56499	4.42845	36.2149	7.26913	1
cg20408276	CYP1B1	0.0248988	0.0324867	4.37774	4.37774	0.0358116	4.2238	4.2238	0.115631	2.74255	2.74255	0.25752	2.00775	2.00775	0.0601274	3.49325	3.49325	0.294984	0.526944	-1.89773	0.00710098	7.78036	7.78036	0.00966812	6.89913	6.89913	0.0300703	4.50403	4.50403	4.36339	24.046	4.89853	1
cg23151000	CYP1B1	0.0365346	0.0463471	7.9104	7.9104	0.0288168	10.3419	10.3419	0.105352	4.97034	4.97034	0.0359811	9.12255	9.12255	0.105073	0.200888	-4.9779	0.44242	0.49176	-2.03351	0.722548	0.723917	-1.38137	0.0147946	15.1474	15.1474	0.401397	2.17785	2.17785	3.80737	49.5223	11.5617	1
cg01410359	CYP1B1	0.0368784	0.0416175	4.54759	4.54759	0.0614061	3.89157	3.89157	0.111678	3.0558	3.0558	0.034263	4.91638	4.91638	0.599331	0.710479	-1.4075	0.545296	0.67389	-1.48392	0.659688	0.75147	-1.33072	0.0055376	10.4889	10.4889	0.0500243	4.22462	4.22462	3.79441	24.984	5.85281	1
cg16439198	CYP1B1	0.040025	0.0899374	7.26518	7.26518	0.12983	5.67545	5.67545	0.465678	2.19834	2.19834	0.262908	3.45005	3.45005	0.273579	0.298541	-3.34963	0.0903246	0.138038	-7.24441	0.0941998	0.141961	-7.0442	0.0075939	38.1961	38.1961	0.24238	3.66241	3.66241	3.68229	65.6489	15.8474	1
cg01834566	CYP1B1	0.0417218	0.710035	1.02686	1.02686	0.124114	1.12543	1.12543	0.105025	1.13395	1.13395	0.190802	0.906374	-1.1033	0.08304	0.872676	-1.1459	0.773816	1.02066	1.02066	0.0036728	0.756754	-1.32143	0.965867	0.996968	-1.00304	0.403759	1.06251	1.06251	3.62625	0.28922	0.0708956	1
cg09456297	CYP1B1	0.0494502	0.00603116	0.231085	-4.32741	0.200745	0.57589	-1.73644	0.193592	0.570219	-1.75371	0.824681	0.913381	-1.09483	0.550767	1.27953	1.27953	?	?	?	?	?	?	0.0816357	2.19914	2.19914	0.411364	1.4092	1.4092	3.51559	7.22157	2.34761	1
cg18451022	CYP1B1;CYP1B1	0.0115404	0.0909916	1.54486	1.54486	0.204966	1.36674	1.36674	0.0275064	1.83865	1.83865	0.528706	1.16079	1.16079	0.0786892	0.633686	-1.57807	0.0599086	0.609023	-1.64197	0.238681	0.749542	-1.33415	0.00455759	2.41717	2.41717	0.0114888	2.09311	2.09311	5.64446	4.87868	0.768293	1
cg07078841	CYP1B1;CYP1B1	0.0243574	0.111016	1.53758	1.53758	0.050959	1.7348	1.7348	0.336003	1.27866	1.27866	0.345579	1.27214	1.27214	0.783288	0.933966	-1.0707	0.249145	0.741956	-1.34779	0.015843	0.480813	-2.07981	0.00411418	2.59515	2.59515	0.465554	1.20204	1.20204	4.39682	4.27547	0.864356	1
cg21181051	CYP20A1	0.00321493	0.951	1.01976	1.01976	0.0213803	0.414501	-2.41254	0.0111647	0.363158	-2.75362	0.493747	1.24775	1.24775	0.000117244	0.116667	-8.5714	0.65336	0.865911	-1.15485	0.0038795	0.289756	-3.45118	0.057124	0.503847	-1.98473	0.408416	0.763919	-1.30904	8.38382	13.4682	1.42795	1
cg14577373	CYP20A1	0.00408229	0.325107	0.666182	-1.50109	0.57761	1.25218	1.25218	0.0360347	0.377261	-2.65068	0.223236	1.66792	1.66792	0.000153315	0.0746876	-13.3891	0.637005	0.826948	-1.20927	0.00397393	0.212647	-4.70262	0.0491182	0.407431	-2.45441	0.105937	0.493656	-2.0257	7.80441	19.7521	2.24967	1
cg20822767	CYP20A1	0.0169893	0.356126	1.44219	1.44219	0.0278625	0.36691	-2.72547	0.00671871	0.257686	-3.88069	0.342866	1.45789	1.45789	0.00510134	0.239847	-4.16932	0.570934	1.24723	1.24723	0.141458	0.543355	-1.84042	0.0185221	0.332282	-3.00949	0.898988	0.952187	-1.05021	4.97053	11.716	2.0952	1
cg16796381	CYP20A1	0.0203603	0.118517	0.671863	-1.4884	0.419094	0.823862	-1.2138	0.0883619	0.643231	-1.55465	0.0066829	0.437911	-2.28357	0.00192171	0.356777	-2.80287	0.477156	0.843977	-1.18487	0.0973303	0.652475	-1.53263	0.0590405	0.606347	-1.64922	0.00805491	0.450866	-2.21795	4.67608	4.07884	0.775357	1
cg11838380	CYP20A1	0.0214572	0.375212	0.873644	-1.14463	0.00193717	1.91737	1.91737	0.0219166	1.50397	1.50397	0.607762	0.926037	-1.07987	0.390176	0.877489	-1.13962	0.622311	1.07648	1.07648	0.154683	0.797647	-1.25369	0.145022	0.792709	-1.2615	0.267926	0.842584	-1.18682	4.59309	1.60253	0.310134	1
cg10173149	CYP20A1	0.0393904	0.200856	1.20803	1.20803	0.286481	1.16748	1.16748	0.00646464	0.609368	-1.64104	0.972537	1.00483	1.00483	0.601438	1.07651	1.07651	0.175709	1.22314	1.22314	0.00833698	1.60265	1.60265	0.913271	1.01536	1.01536	0.848118	1.02719	1.02719	3.70401	1.14805	0.275509	1
cg22303930	CYP20A1	0.0461701	0.903952	0.984905	-1.01533	0.0297187	1.3804	1.3804	0.00477259	1.60324	1.60324	0.078203	0.781507	-1.27958	0.316999	0.877805	-1.13921	0.648369	1.05955	1.05955	0.302335	0.874044	-1.14411	0.753686	1.04046	1.04046	0.856852	0.977507	-1.02301	3.49174	0.877869	0.223478	1
cg01295477	CYP20A1	0.048492	0.182531	1.18048	1.18048	0.0787517	1.25731	1.25731	0.0212263	1.38382	1.38382	0.112972	0.816827	-1.22425	0.649132	1.05519	1.05519	0.361127	0.895742	-1.11639	0.298364	1.13477	1.13477	0.519257	1.07964	1.07964	0.00810278	1.4883	1.4883	3.42772	0.746748	0.193649	1
cg27413025	CYP20A1;CYP20A1	0.0438336	0.0469618	0.721814	-1.3854	0.931815	0.987807	-1.01234	0.370698	1.14085	1.14085	0.568746	0.920745	-1.08608	0.0379685	0.708277	-1.41188	0.0123636	0.639885	-1.56278	0.0101176	0.628059	-1.59221	0.0997826	0.772153	-1.29508	0.8645	1.02479	1.02479	3.5603	1.1588	0.289313	1
cg17681313	CYP20A1;CYP20A1	0.0493306	0.161928	0.746319	-1.33991	0.15765	0.743768	-1.3445	0.0887416	0.692216	-1.44464	0.007988	0.513698	-1.94667	0.0187819	0.572451	-1.74687	0.0449634	0.637101	-1.56961	0.696242	1.0799	1.0799	0.0377983	0.62378	-1.60313	0.906608	1.02326	1.02326	3.40552	2.07046	0.54042	1
cg02953039	CYP21A2;CYP21A2	0.0138446	0.0551248	0.505837	-1.97692	0.0152402	0.392965	-2.54476	0.0176375	0.404596	-2.4716	0.00349291	0.288798	-3.46262	0.0111152	0.36871	-2.71216	0.0138914	0.385722	-2.59254	0.0140234	0.386457	-2.58761	0.884702	1.04653	1.04653	0.0800771	0.544087	-1.83794	5.31935	8.27619	1.38299	1
cg14261401	CYP21A2;CYP21A2	0.0352903	0.0383549	0.34306	-2.91494	0.00598407	0.201553	-4.96148	0.038278	0.342869	-2.91657	0.139251	0.491919	-2.03286	0.02144	0.291708	-3.42809	0.0328554	0.328639	-3.04285	0.0322462	0.326934	-3.05872	0.0328257	0.328557	-3.04362	0.154857	0.507239	-1.97146	3.85558	12.1366	2.79805	1
cg19154116	CYP21A2;CYP21A2	0.0361536	0.0670664	0.432618	-2.31151	0.00733136	0.243866	-4.10061	0.00779147	0.247923	-4.0335	0.226561	0.595519	-1.67921	0.0318165	0.358029	-2.79307	0.0874826	0.462961	-2.16001	0.0262266	0.340809	-2.93419	0.0855437	0.460312	-2.17244	0.0730551	0.442136	-2.26175	3.82192	10.0874	2.34608	1
cg03239580	CYP21A2;CYP21A2	0.0390409	0.0795325	0.431694	-2.31646	0.0145343	0.272694	-3.66711	0.00734659	0.225042	-4.44361	0.117773	0.48037	-2.08173	0.0143896	0.271941	-3.67727	0.0800524	0.432454	-2.31238	0.0369929	0.351506	-2.8449	0.0775734	0.428798	-2.3321	0.120568	0.483479	-2.06834	3.71615	10.9655	2.6229	1
cg24487856	CYP21A2;CYP21A2	0.045361	0.0662342	0.37189	-2.68897	0.0101189	0.210628	-4.7477	0.0633118	0.36691	-2.72547	0.178875	0.503787	-1.98497	0.0185499	0.253934	-3.93803	0.041377	0.323198	-3.09408	0.022704	0.269976	-3.70404	0.0368153	0.312125	-3.20385	0.137138	0.463603	-2.15702	3.51499	12.8316	3.24493	1
cg14026451	CYP21A2;CYP21A2	0.0492827	0.0435651	0.281272	-3.55528	0.0292046	0.245486	-4.07356	0.0587739	0.311366	-3.21166	0.139776	0.419586	-2.3833	0.0223968	0.224143	-4.46143	0.04956	0.293853	-3.40306	0.0149434	0.194804	-5.13336	0.025036	0.232885	-4.29397	0.18001	0.459195	-2.17772	3.40678	16.1202	4.20605	1
cg18790646	CYP21A2;CYP21A2;CYP21A2;CYP21A2	0.000286	0.167843	1.14645	1.14645	0.0138607	0.753731	-1.32673	1.72E-05	0.440716	-2.26903	0.175599	1.14328	1.14328	0.083044	0.836583	-1.19534	0.914014	0.990008	-1.01009	0.00223129	1.48908	1.48908	0.76105	1.02876	1.02876	0.00169512	0.65906	-1.51731	16.6666	2.28175	0.121694	1
cg00287413	CYP24A1;CYP24A1	2.10E-05	0.427836	0.867384	-1.15289	0.573995	1.10499	1.10499	0.00631401	0.535218	-1.8684	0.0257095	0.627743	-1.59301	6.41E-07	0.0914021	-10.9407	0.00112742	0.430667	-2.32198	0.0151262	0.591796	-1.68977	0.44825	0.872992	-1.14549	7.14E-06	0.17494	-5.71626	33.4264	16.3524	0.434851	1
cg24849555	CYP24A1;CYP24A1	0.000160679	0.0127248	0.594972	-1.68075	0.0407044	0.672809	-1.48631	0.00218918	0.486466	-2.05564	0.0193708	0.622354	-1.6068	0.00114313	0.448366	-2.23032	0.0334559	0.659182	-1.51703	6.19E-06	0.183498	-5.44966	0.000121122	0.324276	-3.08379	0.00057672	0.409269	-2.44338	19.492	8.68424	0.396026	1
cg02604290	CYP24A1;CYP24A1	0.00174092	0.37481	0.780594	-1.28108	0.0231363	2.09262	2.09262	0.0866306	0.597711	-1.67305	0.707485	0.902576	-1.10794	0.397375	1.26572	1.26572	0.883374	0.960871	-1.04072	0.023796	0.480172	-2.08259	5.33E-05	7.77423	7.77423	0.199017	1.44634	1.44634	10.0384	11.7558	1.04096	1
cg01462727	CYP24A1;CYP24A1	0.0018098	0.0300227	0.462984	-2.1599	0.790514	1.08364	1.08364	0.0768027	0.552244	-1.81079	0.00111694	0.234958	-4.25608	0.000168604	0.144955	-6.89871	0.371433	0.75814	-1.31902	0.000972358	0.227449	-4.39659	0.159837	0.635628	-1.57325	0.00688604	0.348003	-2.87353	9.92614	14.3106	1.28152	1
cg02712555	CYP24A1;CYP24A1	0.00440162	0.339351	1.67211	1.67211	0.000706169	0.0427363	-23.3993	?	?	?	0.323594	1.70338	1.70338	?	?	?	?	?	?	?	?	?	0.0225595	4.52667	4.52667	0.349658	0.605112	-1.65259	12.0351	26.89	2.68116	1
cg12978433	CYP24A1;CYP24A1	0.00857681	0.626318	0.898807	-1.11259	0.00119575	0.356189	-2.8075	0.308997	0.795399	-1.25723	0.42356	0.837188	-1.19447	0.149056	1.39992	1.39992	0.0382599	0.593284	-1.68553	0.751006	0.933128	-1.07166	0.0177567	1.87152	1.87152	0.0297665	1.74383	1.74383	6.20634	4.64641	0.665471	1
cg02143877	CYP24A1;CYP24A1;CYP24A1;CYP24A1	0.00074423	0.90196	1.0388	1.0388	0.59993	1.17762	1.17762	0.0794015	1.82489	1.82489	0.609727	0.852963	-1.17238	0.498442	1.23651	1.23651	0.946807	1.02083	1.02083	3.39E-05	0.0836483	-11.9548	0.000645276	5.03853	5.03853	0.442133	1.27392	1.27392	12.7892	19.3294	1.34345	1
cg18956481	CYP24A1;CYP24A1;CYP24A1;CYP24A1	0.000963092	0.211871	1.40325	1.40325	0.276575	0.747109	-1.33849	0.0356617	1.87738	1.87738	0.70481	1.10302	1.10302	0.000132187	5.51861	5.51861	0.00726438	2.44019	2.44019	0.104214	0.632806	-1.58026	0.000185472	5.08511	5.08511	0.859058	1.04685	1.04685	11.8926	12.4999	0.934283	1
cg18080906	CYP26A1	0.0193517	0.570771	1.25795	1.25795	0.0519895	2.42435	2.42435	0.0973676	2.07234	2.07234	0.00732933	3.9936	3.9936	0.609362	0.813481	-1.22928	0.67907	0.846498	-1.18134	0.513471	0.76687	-1.304	0.00126117	6.5897	6.5897	0.639439	1.20804	1.20804	4.75744	12.0891	2.25874	1
cg10716835	CYP26A1;CYP26A1	5.89E-07	0.139901	1.14624	1.14624	0.00132083	1.49403	1.49403	0.436646	0.934082	-1.07057	0.329562	0.917168	-1.09031	0.000464315	0.623016	-1.60509	0.0783556	0.845321	-1.18298	2.59E-06	0.377123	-2.65165	2.04E-08	6.16316	6.16316	0.0278331	1.25031	1.25031	83.9286	9.81549	0.103956	1
cg17712828	CYP26A1;CYP26A1	6.28E-07	1.74E-08	7.53135	7.53135	1.15E-06	3.25508	3.25508	0.0135067	1.33099	1.33099	0.0742371	1.20445	1.20445	0.197144	1.13599	1.13599	0.0385191	0.799179	-1.25128	0.000868358	0.62669	-1.59569	6.72E-05	1.97925	1.97925	0.0157314	1.31889	1.31889	82.5689	11.4365	0.123119	1
cg02325540	CYP26A1;CYP26A1	0.00219137	0.000327539	4.02762	4.02762	0.736299	0.922077	-1.08451	0.676614	0.904224	-1.10592	0.92219	1.02373	1.02373	0.912939	0.974091	-1.0266	0.834278	0.950958	-1.05157	0.694641	1.09933	1.09933	0.000116084	5.06048	5.06048	0.612229	1.13054	1.13054	9.38807	8.56595	0.811049	1
cg14613832	CYP26A1;CYP26A1	0.00231759	0.027492	1.58944	1.58944	0.00563025	1.90755	1.90755	0.183758	1.28483	1.28483	0.0317258	0.639237	-1.56437	0.757297	0.9464	-1.05664	0.261949	0.812297	-1.23108	0.346911	0.841867	-1.18784	0.000125218	3.27922	3.27922	0.447484	1.14751	1.14751	9.23534	4.61979	0.444648	1
cg15055355	CYP26A1;CYP26A1	0.00273102	0.000293495	4.39113	4.39113	0.271407	1.33258	1.33258	0.705843	1.09976	1.09976	0.949404	0.984212	-1.01604	0.247125	0.738254	-1.35455	0.68334	0.902266	-1.10832	0.797125	1.06673	1.06673	0.000243723	4.57638	4.57638	0.135372	1.49723	1.49723	8.79965	8.76404	0.885292	1
cg09192377	CYP26A1;CYP26A1	0.00396422	0.865328	1.02623	1.02623	0.0456181	1.41852	1.41852	0.0433817	1.42529	1.42529	0.498766	0.900554	-1.11043	0.805244	0.963018	-1.0384	0.263827	1.19443	1.19443	0.971232	1.00552	1.00552	5.57E-05	3.13743	3.13743	0.941392	1.01128	1.01128	7.87378	2.90153	0.32756	1
cg22536554	CYP26A1;CYP26A1	0.00433374	0.231388	1.30829	1.30829	0.278437	1.27284	1.27284	0.205679	1.33082	1.33082	0.594375	1.12193	1.12193	0.790134	1.05876	1.05876	0.584831	1.12536	1.12536	0.182753	0.738851	-1.35345	4.81E-05	5.14427	5.14427	0.441071	1.18314	1.18314	7.66468	5.56262	0.645109	1
cg04082461	CYP26A1;CYP26A1	0.00537878	0.0206359	4.5663	4.5663	0.00442732	7.91844	7.91844	0.745212	1.1944	1.1944	0.191291	0.470588	-2.125	0.188736	2.13538	2.13538	0.485804	0.679873	-1.47086	0.0124753	0.183857	-5.439	0.00148312	12.1535	12.1535	0.203517	2.07762	2.07762	7.17646	33.7359	4.17859	1
cg03549582	CYP26A1;CYP26A1	0.00641331	0.499814	1.20149	1.20149	0.0608044	1.76194	1.76194	0.914755	1.02911	1.02911	0.932924	1.02282	1.02282	0.00503452	0.370005	-2.70267	0.963353	0.987762	-1.01239	0.822551	1.06205	1.06205	0.000299382	4.83826	4.83826	0.880675	1.04108	1.04108	6.79762	7.73221	1.0111	1
cg16445268	CYP26A1;CYP26A1	0.0112085	0.860759	1.07279	1.07279	0.459345	1.35189	1.35189	0.847285	0.925743	-1.08021	0.132569	0.522307	-1.91458	0.332529	0.670282	-1.49191	0.433274	1.37714	1.37714	0.000196036	0.0815892	-12.2565	0.768197	1.12556	1.12556	0.0860749	0.468121	-2.1362	5.69792	14.4527	2.25465	1
cg10145436	CYP26A1;CYP26A1	0.0325129	0.734177	1.02557	1.02557	0.548553	1.04599	1.04599	0.552357	1.04553	1.04553	0.679454	1.03125	1.03125	0.995069	1.00046	1.00046	0.329435	0.928166	-1.07739	0.000875287	0.690989	-1.4472	0.133972	1.12716	1.12716	0.259885	0.916636	-1.09095	3.97119	0.34501	0.0772249	1
cg04609350	CYP26A1;CYP26A1	0.0329534	0.608421	1.13757	1.13757	0.0176013	2.05534	2.05534	0.0471044	1.76252	1.76252	0.562401	1.1573	1.1573	0.762422	1.07856	1.07856	0.519168	0.849588	-1.17704	0.546179	1.16456	1.16456	0.0011973	3.26765	3.26765	0.477174	1.19756	1.19756	3.95206	3.89434	0.875906	1
cg00429402	CYP26A1;CYP26A1;CYP26A1	0.00354395	0.0163003	1.48797	1.48797	0.117621	1.25854	1.25854	0.202335	1.19977	1.19977	0.509792	0.9135	-1.09469	0.600264	0.930956	-1.07416	0.479821	0.907384	-1.10207	0.0131536	0.659682	-1.51588	0.000167552	2.37957	2.37957	0.928783	1.01217	1.01217	8.14333	2.36119	0.257737	1
cg26652906	CYP26A1;CYP26A1;CYP26A1	0.0105825	0.0148417	0.426739	-2.34335	0.87713	0.95699	-1.04494	0.930819	0.97563	-1.02498	0.120379	0.61959	-1.61397	0.515052	1.20631	1.20631	0.369517	1.29936	1.29936	0.00247737	0.302602	-3.30467	0.00710657	2.68615	2.68615	0.219252	1.44355	1.44355	5.80433	7.42208	1.13663	1
cg15052330	CYP26B1	0.00390453	0.0470807	0.776418	-1.28797	0.228369	0.868668	-1.15119	0.543931	0.933881	-1.0708	0.370652	1.1078	1.1078	0.624808	0.94659	-1.05642	0.443515	1.0909	1.0909	0.00017303	2.03437	2.03437	0.314479	0.890618	-1.12282	0.0125872	0.707836	-1.41276	7.90984	1.55362	0.174593	1
cg14932468	CYP26B1	0.00558583	0.456431	0.806455	-1.24	0.000117298	6.77363	6.77363	0.0859649	1.71281	1.71281	0.792206	1.07776	1.07776	0.0751892	1.754	1.754	0.207794	1.45745	1.45745	0.0736915	0.568099	-1.76026	0.338901	1.32256	1.32256	0.455866	1.24034	1.24034	7.09373	9.03656	1.13234	1
cg09984469	CYP26B1	0.00867156	0.413891	0.919933	-1.08704	0.866068	0.983276	-1.01701	0.181205	0.867772	-1.15238	0.05364	1.24477	1.24477	0.185617	1.15054	1.15054	0.18082	0.867651	-1.15254	0.000396425	0.5692	-1.75685	0.820684	0.977572	-1.02294	0.0589496	1.2375	1.2375	6.18481	0.977835	0.140536	1
cg08286738	CYP26B1	0.00956064	0.0869659	0.587995	-1.7007	0.000886326	4.05245	4.05245	0.603022	1.15882	1.15882	0.0945296	0.596715	-1.67584	0.938954	0.978711	-1.02175	0.0593596	0.549921	-1.81844	0.197186	0.681803	-1.4667	0.0170607	0.441749	-2.26373	0.939888	0.979034	-1.02141	5.99602	7.49534	1.11116	1
cg03717555	CYP26B1	0.0141443	0.172043	0.805287	-1.24179	0.0275384	1.47441	1.47441	0.0443149	1.41075	1.41075	0.0496281	0.716308	-1.39605	0.986298	1.00256	1.00256	0.888026	0.979231	-1.02121	0.0107869	0.620569	-1.61142	0.0148178	0.639791	-1.56301	0.150681	1.25792	1.25792	5.28204	1.85646	0.312415	1
cg05414442	CYP26B1	0.032103	0.0595043	0.561452	-1.7811	0.445236	1.23515	1.23515	0.921486	0.9736	-1.02712	0.185363	0.683073	-1.46397	0.0156366	0.447403	-2.23512	0.790044	0.930139	-1.07511	0.00221044	0.312218	-3.20289	0.0418102	0.529029	-1.89025	0.441624	0.808208	-1.2373	3.98929	4.65334	1.03685	1
cg22856324	CYP26B1	0.0358057	0.101044	4.1166	4.1166	0.00963499	13.2205	13.2205	0.24045	2.63378	2.63378	0.365311	2.08121	2.08121	0.769335	0.79318	-1.26075	0.0344188	6.98678	6.98678	0.00391747	21.3151	21.3151	0.033624	7.06734	7.06734	0.251826	2.56845	2.56845	3.83536	37.7156	8.74101	1
cg22510582	CYP26B1	0.0487823	0.858243	1.05226	1.05226	0.533084	1.19708	1.19708	0.995931	0.998548	-1.00145	0.440984	0.799394	-1.25095	0.946293	1.01938	1.01938	0.73168	1.10305	1.10305	0.00600647	2.78159	2.78159	0.0201322	2.22279	2.22279	0.0457191	0.520632	-1.92074	3.41999	4.39793	1.14307	1
cg12110262	CYP26C1	1.27E-05	2.21E-06	0.0919236	-10.8786	0.142261	1.38401	1.38401	0.000553498	0.331445	-3.01709	0.00277057	0.427364	-2.33993	0.000171777	0.268432	-3.72534	0.00673775	0.48494	-2.06211	1.88E-06	0.0874102	-11.4403	0.00121951	0.377181	-2.65125	0.000106905	0.244585	-4.08855	38.0889	25.6018	0.597475	1
cg17011709	CYP26C1	0.000270956	0.000312387	0.299164	-3.34264	0.000933681	0.360671	-2.77261	0.000800914	0.35176	-2.84285	0.0016791	0.395649	-2.52749	0.0247383	0.575847	-1.73657	0.818838	1.0485	1.0485	0.000156494	0.262935	-3.80322	0.247859	1.28326	1.28326	0.0156965	1.84285	1.84285	16.9145	11.4167	0.599968	1
cg07225966	CYP26C1	0.000353703	0.0112636	3.37325	3.37325	0.000396035	8.67479	8.67479	0.251242	1.58265	1.58265	0.152193	1.79936	1.79936	0.000647146	7.41843	7.41843	0.00773668	3.70692	3.70692	1.41E-05	32.0657	32.0657	0.00211892	5.23066	5.23066	0.0224868	2.84874	2.84874	15.7237	36.5273	2.06495	1
cg09440270	CYP26C1	0.000644308	0.00491578	2.93441	2.93441	0.00115411	3.97316	3.97316	0.136381	1.5898	1.5898	0.048723	1.91621	1.91621	0.000267601	5.63007	5.63007	0.00343064	3.15337	3.15337	8.40E-05	7.71937	7.71937	0.00109723	4.01816	4.01816	0.0137868	2.40967	2.40967	13.3163	17.6025	1.175	1
cg14375937	CYP26C1	0.00105906	0.000306255	0.0855225	-11.6928	0.489542	0.744964	-1.34235	0.0062606	0.224454	-4.45525	0.0221112	0.316356	-3.161	0.00342362	0.188642	-5.30104	0.00529713	0.214068	-4.67141	0.000158417	0.0665922	-15.0168	0.0722722	0.431142	-2.31942	0.294582	1.57763	1.57763	11.5764	32.2516	2.47641	1
cg22044002	CYP26C1	0.00110879	0.000821472	0.176871	-5.65384	0.0649552	0.490561	-2.03848	0.371863	0.72973	-1.37037	0.625321	1.18427	1.18427	0.000238362	0.12355	-8.09388	0.0020733	0.225356	-4.43743	0.94042	0.974639	-1.02602	0.0107441	3.00881	3.00881	0.377527	1.36502	1.36502	11.4264	21.372	1.66258	1
cg19305681	CYP26C1	0.00173678	0.00759406	4.50038	4.50038	0.000693656	9.65761	9.65761	0.126493	2.06309	2.06309	0.0328213	2.98567	2.98567	0.00656914	4.69511	4.69511	0.265179	1.66318	1.66318	0.000148667	17.3927	17.3927	0.00196771	6.79634	6.79634	0.0310459	3.03137	3.03137	10.0453	30.536	2.70206	1
cg05193369	CYP26C1	0.00238668	0.0206722	2.33183	2.33183	0.0160034	2.44977	2.44977	0.366559	1.32558	1.32558	0.205972	1.49985	1.49985	0.0338274	2.12315	2.12315	0.0489366	1.98014	1.98014	3.86E-05	10.9865	10.9865	0.0107118	2.64993	2.64993	0.0845762	1.78539	1.78539	9.15606	13.3877	1.2997	1
cg26404725	CYP26C1	0.00262912	0.0341048	1.82782	1.82782	0.0833139	0.626517	-1.59613	0.0150916	2.07169	2.07169	0.021816	1.95686	1.95686	0.0183486	2.00977	2.00977	0.035673	1.81539	1.81539	0.000187645	4.65123	4.65123	0.0234354	1.93547	1.93547	0.00628662	2.38255	2.38255	8.89901	8.38419	0.837466	1
cg20322977	CYP26C1	0.00388314	0.0148753	2.62901	2.62901	0.0395536	2.15584	2.15584	0.483399	1.25839	1.25839	0.321023	1.39214	1.39214	0.00277476	3.78566	3.78566	0.00725985	3.0573	3.0573	0.00020851	7.40758	7.40758	0.0129493	2.70562	2.70562	0.0387715	2.1645	2.1645	7.92293	13.0655	1.46585	1
cg12752627	CYP26C1	0.00425572	0.271154	0.592817	-1.68686	0.826988	1.10507	1.10507	0.00732596	0.206406	-4.84483	0.333282	0.634132	-1.57696	0.100538	0.439965	-2.27291	0.0314598	0.316136	-3.1632	9.66E-05	0.0422123	-23.6898	0.0235718	0.291113	-3.43509	0.0429652	0.345392	-2.89526	7.70693	25.4263	2.93257	1
cg02394395	CYP26C1	0.00458539	0.00304615	0.503386	-1.98655	0.194653	0.79295	-1.26111	0.00172743	0.469567	-2.12962	0.405411	1.15482	1.15482	0.161446	0.776573	-1.28771	0.206544	0.798291	-1.25268	0.000326252	0.374529	-2.67002	0.343143	0.847772	-1.17956	0.203157	0.796794	-1.25503	7.5346	3.41221	0.402553	1
cg25083618	CYP26C1	0.00922722	0.0535809	2.11632	2.11632	0.0203471	2.60223	2.60223	0.463712	1.29054	1.29054	0.453555	1.29837	1.29837	0.00954794	3.07268	3.07268	0.0278926	2.4317	2.4317	0.000332461	7.24706	7.24706	0.0340889	2.32979	2.32979	0.109808	1.8151	1.8151	6.06416	11.2328	1.64651	1
cg17181022	CYP26C1	0.011134	0.19351	0.724744	-1.3798	0.0130108	2.05656	2.05656	0.0262183	1.85343	1.85343	0.544248	1.15444	1.15444	0.0910031	0.646865	-1.54592	0.00290428	2.60572	2.60572	0.0370717	1.76202	1.76202	0.0929054	1.54122	1.54122	0.0357775	1.77116	1.77116	5.71018	4.95141	[illegible]	1
cg04564481	CYP26C1	0.0119925	0.0999	2.11565	2.11565	0.0197823	3.22097	3.22097	?	?	?	0.691117	1.18056	1.18056	0.0259317	3.00082	3.00082	0.0720075	2.30406	2.30406	0.00103445	7.5374	7.5374	0.0366995	2.74231	2.74231	0.273805	0.622938	-1.6053	5.68371	13.8222	[illegible]	1
cg15980076	CYP26C1	0.0143653	0.0282655	3.64569	3.64569	0.153121	2.14701	2.14701	0.0984191	2.47238	2.47238	0.0957772	2.49365	2.49365	0.00845159	5.36231	5.36231	0.0256677	3.75725	3.75725	0.00074671	12.8796	12.8796	0.15393	2.14334	2.14334	0.0256343	3.75879	3.75879	5.25516	20.7608	[illegible]	1
cg15644671	CYP26C1	0.0143895	0.157633	1.73509	1.73509	0.302489	0.677354	-1.47633	0.227403	1.58748	1.58748	0.0752953	2.05908	2.05908	0.250825	0.64558	-1.549	0.041535	2.35644	2.35644	0.00220982	4.77986	4.77986	0.0196363	2.79574	2.79574	0.010109	3.26581	3.26581	5.25224	11.0644	[illegible]	1
cg01416891	CYP26C1	0.0144321	0.758652	0.895706	-1.11644	0.229701	1.56898	1.56898	0.816494	0.920281	-1.08663	0.347921	0.707944	-1.41254	0.00480895	3.80798	3.80798	0.962147	1.01711	1.01711	0.087868	1.96056	1.96056	0.000953187	5.81064	5.81064	0.0757978	2.02646	2.02646	5.24713	10.6148	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00790395	CYP26C1	0.0152774	0.0157336	9.63737	9.63737	0.339266	2.12546	2.12546	0.271901	2.40005	2.40005	0.84254	0.858774	-1.16445	0.0183039	8.9528	8.9528
cg03208426	CYP26C1	0.0160144	0.0409254	4.01641	4.01641	0.305424	1.86893	1.86893	0.185071	2.28931	2.28931	0.144416	2.51908	2.51908	0.0435484	3.92611	3.92611
cg02825977	CYP26C1	0.0206487	0.0666216	0.318541	-3.13932	0.993019	1.00488	1.00488	0.221768	0.489517	-2.04283	0.138833	0.412205	-2.42598	0.0392442	0.265296	-3.76937
cg00714725	CYP26C1	0.0228535	0.0102689	0.0674505	-14.8257	0.549266	0.603457	-1.65712	0.176033	0.301455	-3.31724	0.83125	1.19468	1.19468	0.0376314	0.133969	-7.46444
cg07606384	CYP26C1	0.0229631	0.0370901	2.40749	2.40749	0.00357417	4.18899	4.18899	0.0540539	2.21149	2.21149	0.686986	1.15839	1.15839	0.072069	2.07242	2.07242
cg05127821	CYP26C1	0.036251	0.0468732	16.4543	16.4543	0.0504686	15.5507	15.5507	0.160242	6.33905	6.33905	0.189644	5.52984	5.52984	0.0374939	19.518	19.518
cg02466572	CYP26C1	0.0469602	0.0153352	0.153286	-6.52374	0.389157	0.573421	-1.74392	0.183724	0.411163	-2.43212	0.0778308	0.290852	-3.43817	0.0432579	0.231043	-4.3282
cg06857304	CYP26C1	0.047202	0.00925071	0.135724	-7.3679	0.850502	0.892185	-1.12084	0.235472	0.47154	-2.12071	0.0563325	0.270744	-3.69352	0.0518915	0.262523	-3.80919
cg05219493	CYP26C1	0.0488141	0.129928	1.84149	1.84149	0.0217934	2.79433	2.79433	0.902605	0.955335	-1.04675	0.831252	1.08291	1.08291	0.0419999	2.39798	2.39798
cg01797727	CYP27A1	0.000975531	0.742018	1.03411	1.03411	0.00188237	0.639218	-1.56441	0.187921	0.867884	-1.15223	0.589199	1.05692	1.05692	0.23741	0.881889	-1.13393
cg21459645	CYP27A1	0.00959613	0.840578	1.04226	1.04226	0.0252225	0.578741	-1.72789	0.000699797	0.345672	-2.89291	0.121538	0.708257	-1.41192	0.358839	1.21396	1.21396
cg13908635	CYP27A1	0.0342842	0.037216	0.727561	-1.37445	0.0977925	0.787511	-1.26982	0.449071	0.903529	-1.10677	0.636761	1.06456	1.06456	0.00741504	0.635334	-1.57398
cg22707705	CYP27A1	0.0460789	0.0454109	0.314109	-3.18361	0.108272	0.413073	-2.42088	0.0218796	0.249563	-4.007	0.166155	0.474688	-2.10665	0.187866	0.49449	-2.02228
cg14553243	CYP27A1;CYP27A1	0.00381087	0.435595	1.093	1.093	0.175956	0.85141	-1.17452	0.000163564	2.05195	2.05195	0.166623	1.17924	1.17924	0.697209	0.957229	-1.04468
cg20372759	CYP27B1	9.37E-05	0.313187	1.14176	1.14176	0.00133736	1.80857	1.80857	0.240685	0.855473	-1.16894	0.533597	0.923001	-1.08342	1.66E-06	0.216922	-4.60996
cg19794395	CYP27B1	0.000410338	7.63E-05	0.308562	-3.24084	0.0438238	1.46219	1.46219	0.00644913	0.5594	-1.78763	0.319608	1.18371	1.18371	0.0138379	0.60725	-1.64677
cg18787440	CYP27B1	0.000531558	2.79E-05	0.294191	-3.39915	0.0157028	0.644608	-1.55133	0.0021337	0.527334	-1.89633	0.775795	0.958538	-1.04326	0.00733942	0.598978	-1.66951
cg24110768	CYP27B1	0.00569891	0.0146341	0.494924	-2.02051	0.31394	0.783742	-1.27593	0.000903394	3.196	3.196	0.14647	0.694405	-1.44008	0.517773	0.857762	-1.16583
cg01182309	CYP27B1	0.00591527	0.058004	2.14865	2.14865	0.0121181	0.327506	-3.05338	0.0139207	2.95758	2.95758	0.0497736	0.449884	-2.2228	0.0121528	0.327722	-3.05137
cg04321714	CYP27B1	0.0122017	0.0551649	2.46896	2.46896	0.0748329	2.28164	2.28164	0.00359339	5.15079	5.15079	0.298797	1.56472	1.56472	0.621815	0.813259	-1.22962
cg07060721	CYP27B1	0.0452271	0.635864	1.30185	1.30185	0.0336179	3.94538	3.94538	0.0129807	5.50164	5.50164	0.376458	1.65195	1.65195	0.325073	1.75418	1.75418
cg19201144	CYP27C1	0.00382133	0.00871782	0.183198	-5.45857	0.214882	0.515304	-1.9406	0.043453	0.307508	-3.25195	0.143627	0.450247	-2.221	0.00200405	0.109207	-9.15692
cg24923516	CYP27C1	0.0155716	0.50479	1.23202	1.23202	0.222478	0.673513	-1.48475	0.0417254	0.484961	-2.06202	0.397678	0.765688	-1.30602	0.80866	0.927936	-1.07766
cg10173124	CYP27C1	0.0246271	0.0100077	0.157758	-6.33882	0.0152252	0.184004	-5.43467	0.0558721	0.29224	-3.42185	0.437751	0.637918	-1.5676	0.0395934	0.258812	-3.86381
cg19269749	CYP27C1	0.025657	0.0282408	0.167472	-5.97114	0.189821	0.383695	-2.60623	0.144728	0.339426	-2.94615	0.0848512	0.268611	-3.72286	0.00654403	0.0874434	-11.436
cg11524128	CYP27C1	0.0307662	0.731554	0.936232	-1.06811	0.171316	0.756776	-1.32139	0.620518	0.90892	-1.10021	0.00788908	0.520945	-1.91959	0.385761	1.18547	1.18547
cg07317449	CYP27C1	0.045564	0.0657715	0.686275	-1.45714	0.135056	1.34146	1.34146	0.00477566	0.505073	-1.97991	0.366574	0.844392	-1.18428	0.0917363	0.712805	-1.40291
cg04176888	CYP2A13	2.70E-07	0.0175454	1.33505	1.33505	0.0560582	0.805447	-1.24155	1.74E-05	2.41018	2.41018	0.606735	1.05328	1.05328	0.00121739	0.622928	-1.60532
cg07506573	CYP2A13	1.28E-05	6.38E-06	0.126902	-7.88011	0.575837	0.890571	-1.12288	0.00270671	0.427631	-2.33847	0.0538624	0.638403	-1.56641	5.53E-05	0.214743	-4.65673
cg10710468	CYP2A13	1.95E-05	0.00134056	0.542028	-1.84492	1.05E-05	0.289866	-3.44987	0.0119678	0.662321	-1.50984	0.216992	0.843084	-1.18612	4.80E-05	0.365803	-2.73371
cg11834681	CYP2A13	7.25E-05	4.47E-05	0.16675	-5.99699	0.106759	1.50409	1.50409	0.00215503	0.368425	-2.71426	0.1247	0.680257	-1.47003	2.08E-05	0.136672	-7.3168
cg13482327	CYP2A13	0.000159919	0.000184851	0.0857405	-11.6631	0.121705	0.520749	-1.92031	0.0254403	0.355961	-2.80929	0.00339466	0.212472	-4.70651	5.16E-05	0.0525201	-19.0403
cg12978820	CYP2A13	0.00273203	0.00484216	0.331719	-3.0146	0.0168853	0.42284	-2.36496	0.206266	0.674553	-1.48246	0.0857992	0.570803	-1.75192	0.00234999	0.285477	-3.5029
cg05372113	CYP2A13	0.0332644	0.037782	0.313597	-3.18881	0.0769814	0.388053	-2.57697	0.135311	0.460752	-2.17037	0.673982	0.796567	-1.25539	0.468867	0.701358	-1.4258
cg19645066	CYP2A6	0.00275814	0.00278253	0.545456	-1.83333	0.0114243	0.627937	-1.59252	0.00639104	0.593566	-1.68473	0.0270103	0.680523	-1.46946	0.00176097	0.519425	-1.9252
cg05910970	CYP2A6	0.00286919	0.153181	0.814899	-1.22715	0.899935	0.983307	-1.01698	0.303497	0.867084	-1.15329	0.591623	0.930093	-1.07516	0.000385156	0.46858	-2.13411
cg13531315	CYP2A6	0.00429769	0.0999598	0.537544	-1.86031	0.971771	0.987888	-1.01226	0.00359209	3.88783	3.88783	0.375858	1.36747	1.36747	0.0369491	0.434144	-2.30338
cg08009568	CYP2A7;CYP2A7	0.000606686	0.00236272	0.360451	-2.7743	0.00641746	0.426086	-2.34694	0.00348028	0.385175	-2.59622	0.000642046	0.283512	-3.52719	9.32E-05	0.186918	-5.34993
cg17435250	CYP2A7;CYP2A7	0.00100603	0.0125287	0.452458	-2.21015	0.403663	1.24384	1.24384	0.00802718	2.38048	2.38048	0.628577	1.13254	1.13254	0.00894157	0.427784	-2.33763
cg22780242	CYP2A7;CYP2A7	0.0015213	0.000771047	0.155832	-6.41716	0.187333	0.60035	-1.66569	0.104643	0.523297	-1.91096	0.116432	0.536399	-1.86428	0.00113725	0.174178	-5.74125
cg21111256	CYP2A7;CYP2A7	0.00314247	0.0751276	0.419455	-2.38405	0.791893	0.890539	-1.12292	0.830842	0.910479	-1.09832	0.187553	1.84466	1.84466	0.00070415	0.103939	-9.62107
cg25424194	CYP2A7;CYP2A7;CYP2A7;CYP2A7	0.000555503	0.000513178	0.19059	-5.24687	0.818462	1.0728	1.0728	0.103136	0.579866	-1.72454	0.00110489	0.229947	-4.34882	0.000138655	0.133606	-7.48468
cg00420847	CYP2A7;CYP2A7;CYP2A7;CYP2A7	0.0419968	0.264527	0.841632	-1.18817	0.761019	1.04626	1.04626	0.275599	0.845224	-1.18312	0.00131887	0.500159	-1.99936	0.910446	0.983457	-1.01682
cg10322876	CYP2B6	7.80E-06	6.64E-07	0.114279	-8.75051	0.000675121	0.43516	-2.298	9.60E-05	0.329215	-3.03753	0.000353821	0.399165	-2.50523	4.83E-05	0.29405	-3.40078
cg11539883	CYP2B6	0.000300951	0.000264321	0.29639	-3.37393	0.00993568	0.516433	-1.93636	0.00131421	0.387182	-2.58277	0.00547958	0.476564	-2.09835	0.0113085	0.525337	-1.90354
cg13526492	CYP2B6	0.00109769	0.000407328	0.239748	-4.17105	0.0665724	1.68715	1.68715	0.0011379	0.296148	-3.37669	0.0023815	0.340671	-2.93539	0.0661154	0.59207	-1.68899
cg24033278	CYP2B6	0.00150086	0.00613559	0.314506	-3.17959	0.0178479	0.393976	-2.53823	0.00191982	0.241502	-4.14075	0.00328378	0.273647	-3.65434	0.00442688	0.292693	-3.41654
cg07455963	CYP2B6	0.00327151	0.00120206	0.310961	-3.21584	0.115993	0.656627	-1.52294	0.00808287	0.433785	-2.30529	0.0202019	0.501735	-1.99308	0.00234242	0.351418	-2.84562
cg18115248	CYP2B6	0.0037604	0.0109313	0.170176	-5.87627	0.328089	0.571395	-1.7501	0.0119701	0.175819	-5.68765	0.979033	0.985535	-1.01468	0.00152453	0.0796407	-12.5564
cg24426371	CYP2B6	0.00474892	0.00034941	0.424367	-2.35645	0.901433	0.981694	-1.01865	0.00493514	0.573942	-1.74234	0.00943862	0.612275	-1.63325	0.00986778	0.614937	-1.62618
cg08852641	CYP2B6	0.00685787	0.0270768	0.423425	-2.36169	0.0159712	0.379529	-2.63484	0.572959	0.829398	-1.20569	0.427132	1.30508	1.30508	0.0180613	0.389406	-2.56801
cg09286079	CYP2B6	0.00750231	0.173894	0.562761	-1.77695	0.232516	0.608025	-1.64467	0.000994851	0.14322	-6.98225	0.165057	0.555156	-1.8013	0.0174127	0.316472	-3.15984
cg15843278	CYP2B6	0.00986736	0.0170721	0.382757	-2.61262	0.0118156	0.354053	-2.82444	0.00237656	0.246765	-4.05244	0.00135852	0.215234	-4.6461	0.306986	0.705187	-1.41806
cg26669393	CYP2B6	0.0147624	0.0206988	0.226214	-4.42058	0.152872	0.441837	-2.26328	0.0892275	0.367914	-2.71803	0.0150848	0.203216	-4.92087	0.0278726	0.249937	-4.00101
cg01409498	CYP2B7P1	1.18E-05	5.27E-05	0.468021	-2.13666	1.29E-06	0.286614	-3.48901	9.33E-05	0.496332	-2.01478	0.489325	0.931843	-1.07314	0.743342	0.967516	-1.03357
cg10575842	CYP2B7P1	0.00111896	0.000605834	0.477867	-2.09263	0.166407	0.813735	-1.2289	0.00529128	0.598396	-1.67113	0.00744558	0.617898	-1.61839	0.443279	0.89656	-1.11537
cg03343515	CYP2B7P1	0.0299853	0.503223	0.772347	-1.29476	0.817571	1.09183	1.09183	0.151416	0.557393	-1.79407	0.185029	0.585968	-1.70658	0.00356044	0.222755	-4.48924
cg20087457	CYP2C18;CYP2C18	7.82E-08	8.58E-09	0.170591	-5.86198	9.27E-06	0.48809	-2.0488	5.75E-05	0.571912	-1.74852	2.42E-07	0.314723	-3.17739	3.05E-06	0.435359	-2.29695
cg16227251	CYP2C18;CYP2C18	3.45E-05	3.31E-06	0.0376989	-26.526	0.000323285	0.176338	-5.67091	0.0044178	0.32183	-3.10723	0.0514048	0.515928	-1.93825	0.000105462	0.129559	-7.71847
cg06852652	CYP2C18;CYP2C18	0.000107915	8.58E-05	0.343912	-2.90772	0.0150901	1.57134	1.57134	0.0504768	0.713664	-1.40122	3.08E-05	0.291806	-3.42693	0.877378	0.976905	-1.02364
cg04899273	CYP2C18;CYP2C18	0.00103299	4.46E-05	0.219484	-4.55615	0.799872	1.05108	1.05108	0.121358	0.719356	-1.39013	0.579009	1.11619	1.11619	0.0314608	0.609663	-1.64025
cg19852607	CYP2C18;CYP2C18	0.00239114	0.000143289	0.119377	-8.37681	0.00193756	0.241165	-4.14655	0.14204	0.599341	-1.6685	0.0950653	0.551644	-1.81276	0.861179	0.944816	-1.05841
cg18174075	CYP2C18;CYP2C18	0.00602996	0.00264575	0.291604	-3.42931	0.0151466	0.413096	-2.42074	0.0553773	0.525506	-1.90293	0.271545	1.4037	1.4037	0.174161	0.651611	-1.53466
cg05835416	CYP2C18;CYP2C18	0.0308942	0.425371	0.895733	-1.1164	0.377086	0.884614	-1.13044	0.00840032	0.634196	-1.5768	0.686759	1.05637	1.05637	0.00828511	0.633415	-1.57874
cg20426415	CYP2C18;CYP2C18	0.0309081	0.00725942	0.117826	-8.48707	0.00905522	0.128954	-7.7547	0.117379	0.349865	-2.85824	0.131072	0.365438	-2.73644	0.0295911	0.205645	-4.86275
cg14196507	CYP2C18;CYP2C18;CYP2C18;CYP2C18	0.00102447	0.00200282	0.406177	-2.46198	6.18E-05	0.217378	-4.60028	0.0176507	0.550845	-1.81539	0.622359	1.108	1.108	0.395235	0.835377	-1.19706
cg00051662	CYP2C19	4.73E-05	1.98E-05	0.0727414	-13.7473	7.54E-05	0.113353	-8.82201	0.0215606	0.433182	-2.3085	0.00279033	0.2867	-3.48796	4.07E-05	0.0931758	-10.7324
cg24857560	CYP2C19	5.45E-05	0.000313199	0.214745	-4.65668	5.17E-05	0.136174	-7.34353	0.00237049	0.327637	-3.05216	0.00118243	0.285872	-3.49806	5.16E-06	0.0654147	-15.2871
cg04189838	CYP2C19	0.000309613	0.939814	0.985777	-1.01443	0.976115	1.0057	1.0057	0.00235481	0.447085	-2.23671	0.262561	0.801233	-1.24808	5.15E-06	0.140096	-7.13795
cg20031717	CYP2C19	0.00302412	0.000973837	0.0819569	-12.2015	0.0029953	0.1255	-7.96816	0.117343	0.420142	-2.38015	0.0219389	0.246242	-4.06104	0.00369268	0.135285	-7.3918
cg14717122	CYP2C8	1.67E-05	1.28E-06	0.0606283	-16.4939	0.714535	1.08626	1.08626	7.53E-05	0.198267	-5.0437	1.24E-05	0.125681	-7.95662	0.0291263	0.560375	-1.78452
cg12759420	CYP2C8	2.52E-05	0.0193462	0.667237	-1.49872	0.734326	0.952438	-1.04994	0.893356	0.980995	-1.01937	8.50E-05	0.364105	-2.74646	0.0316252	1.43401	1.43401
cg24828322	CYP2C8	0.000489423	0.00168033	0.341167	-2.93112	0.0585339	0.599441	-1.66822	0.306274	0.775974	-1.2887	0.0737518	0.620453	-1.61173	5.83E-05	0.1681	-5.94885
cg24140586	CYP2C9	5.50E-05	3.89E-05	0.0567474	-17.622	0.000111137	0.084124	-11.8872	0.000599261	0.145398	-6.87769	0.000297849	0.117194	-8.53286	8.52E-05	0.0764665	-13.0776
cg09550024	CYP2C9	0.00525257	0.00356709	0.0776695	-12.8751	0.00183592	0.0570264	-17.5357	0.0613358	0.255519	-3.9136	0.0461178	0.227843	-4.389	0.0110242	0.126967	-7.87604
cg14191040	CYP2C9	0.00560581	0.00518198	0.157474	-6.35026	0.0127486	0.212217	-4.71215	0.0561358	0.338386	-2.9552	0.0372623	0.297878	-3.35708	0.0294721	0.276849	-3.61207
cg20046859	CYP2D6;CYP2D6	4.37E-06	3.60E-06	0.327468	-3.05374	0.759935	1.03199	1.03199	2.50E-05	0.423046	-2.36381	0.959517	0.994798	-1.00523	1.25E-06	0.277392	-3.60501
cg07016288	CYP2D6;CYP2D6	1.57E-05	1.08E-05	0.257132	-3.88905	0.39043	0.893981	-1.11859	0.954567	1.00725	1.00725	0.34701	1.13135	1.13135	8.01E-06	0.241854	-4.13473
cg22650942	CYP2D6;CYP2D6	4.20E-05	0.000276026	0.31839	-3.1408	0.000112274	0.271256	-3.68655	0.6131	1.10297	1.10297	0.00205064	0.433888	-2.30474	0.000112245	0.271243	-3.68672
cg04692870	CYP2D6;CYP2D6	0.00177127	0.00866223	2.51011	2.51011	0.148334	0.652841	-1.53177	0.673558	1.12359	1.12359	0.0850782	1.68816	1.68816	0.51733	0.83482	-1.19786
cg11881141	CYP2D6;CYP2D6	0.00221661	0.0236527	0.474805	-2.10613	0.0606164	0.558091	-1.79182	0.0751724	0.579104	-1.72681	0.769624	1.08433	1.08433	0.00192484	0.298061	-3.35501
cg15597984	CYP2D6;CYP2D6	0.00520977	0.0606758	0.43539	-2.29679	0.0898685	0.479465	-2.08566	0.101705	0.494382	-2.02273	0.380714	0.702211	-1.42407	0.00062481	0.126371	-7.91318
cg25452165	CYP2D6;CYP2D6	0.00688915	0.759057	0.891995	-1.12108	0.471803	1.31248	1.31248	0.85289	1.0714	1.0714	0.182491	1.69151	1.69151	0.0368131	0.406155	-2.46211
cg13463109	CYP2D6;CYP2D6	0.0108033	0.446615	0.806171	-1.24043	0.00170949	0.288286	-3.46878	0.0275351	0.484852	-2.06249	0.55956	0.848841	-1.17808	0.00331262	0.32924	-3.0373
cg11221132	CYP2D7P1	0.00334799	0.0173849	0.432984	-2.30956	0.207676	0.681138	-1.46813	0.00997688	0.390476	-2.56097	0.163911	0.650944	-1.53623	0.00350972	0.318433	-3.14037
cg05519181	CYP2D7P1	0.0136832	0.0074076	0.341385	-2.92925	0.00473719	0.310762	-3.2179	0.00517879	0.316712	-3.15744	0.155159	0.622555	-1.60628	0.00499742	0.314323	-3.18144
cg19513890	CYP2D7P1	0.0220749	0.24076	1.2629	1.2629	0.954807	1.01083	1.01083	0.461226	1.15323	1.15323	0.124697	1.37151	1.37151	0.805096	1.04811	1.04811
cg26169700	CYP2D7P1	0.031278	0.944003	0.98325	-1.01704	0.405522	1.22709	1.22709	0.71359	0.915169	-1.09269	0.463396	1.19659	1.19659	0.0297477	0.540571	-1.84989
cg12850546	CYP2D7P1	0.0313334	0.688954	1.24541	1.24541	0.259871	1.89849	1.89849	0.463169	1.50278	1.50278	0.534101	1.40982	1.40982	0.0528087	0.301017	-3.32207
cg10986462	CYP2E1	4.18E-05	0.693828	0.929443	-1.07591	0.00103793	2.45536	2.45536	0.000629508	0.378395	-2.64274	0.847585	1.03623	1.03623	4.32E-06	0.140654	-7.10965
cg01465364	CYP2E1	0.000501931	0.230917	1.38291	1.38291	0.430652	1.2306	1.2306	0.193464	0.701194	-1.42614	0.608861	0.875346	-1.14241	0.00257014	0.340143	-2.93994
cg19571004	CYP2E1	0.00166725	0.294734	0.774858	-1.29056	0.833026	0.951654	-1.0508	0.0247577	0.533968	-1.87277	0.000840205	0.307574	-3.25125	0.000319215	0.254696	-3.92626
cg14250048	CYP2E1	0.00168655	0.204822	0.59539	-1.67957	0.792086	1.10782	1.10782	0.255423	0.631172	-1.58435	0.00172836	0.17684	-5.65483	0.00160585	0.173127	-5.77612
cg07381788	CYP2E1	0.00279168	0.872119	1.037	1.037	0.160711	1.40202	1.40202	0.00485123	0.430683	-2.32189	0.186813	0.729371	-1.37104	0.0130909	0.499545	-2.00182
cg00436603	CYP2E1	0.00365104	0.977657	0.992084	-1.00798	0.0216163	2.18762	2.18762	0.17427	0.663541	-1.50706	0.082356	0.579186	-1.72656	0.0274402	0.476966	-2.09658
cg16538390	CYP2E1	0.00464901	0.986421	0.994551	-1.00548	0.463878	1.27044	1.27044	0.00503065	0.303826	-3.29136	0.468312	0.789059	-1.26733	0.0384861	0.463106	-2.15933
cg09208540	CYP2E1	0.00633526	0.0792459	1.68431	1.68431	0.00230421	3.12568	3.12568	0.181813	0.684387	-1.46116	0.0123355	0.43442	-2.30192	0.0595521	0.566093	-1.76649
cg25330361	CYP2E1	0.036818	0.634528	0.819818	-1.21978	0.720337	0.861446	-1.16084	0.945723	0.972149	-1.02865	0.819597	1.09941	1.09941	0.239975	0.600233	-1.66602
cg05194426	CYP2E1	0.0436716	0.226402	0.381099	-2.62399	0.196763	0.354683	-2.81942	0.547612	0.629915	-1.58752	0.206935	2.74802	2.74802	0.0128924	0.0958586	-10.432
cg19837601	CYP2E1;CYP2E1	0.00750504	0.117689	0.476054	-2.1006	0.0889522	0.440647	-2.26939	0.0186817	0.287885	-3.47361	0.00872783	0.232324	-4.30433	0.00195707	0.147701	-6.77045
cg27168410	CYP2F1	4.63E-05	0.00110626	0.560845	-1.78302	0.10493	1.23755	1.23755	6.03E-05	0.410031	-2.43884	5.18E-05	0.402231	-2.48613	1.87E-05	0.350634	-2.85197
cg10239449	CYP2F1	0.000300657	0.826636	1.0319	1.0319	0.04627	1.3866	1.3866	0.00933664	0.623758	-1.60319	0.0967034	1.29828	1.29828	0.0348471	0.703225	-1.42202
cg26859042	CYP2F1	0.00188089	0.000198595	0.135477	-7.38132	0.676531	0.874427	-1.14361	0.0242771	0.423667	-2.36034	0.251169	1.46733	1.46733	0.00200323	0.247888	-4.03408
cg24207610	CYP2F1	0.00222252	0.00641192	1.81337	1.81337	0.00141118	2.17213	2.17213	0.000449017	2.53172	2.53172	0.887296	-1.12702	0.146914	0.770074	-1.29858	
cg06210526	CYP2F1	0.00355609	0.000921202	0.0450257	-22.2095	0.0074426	0.115472	-8.66012	0.159296	0.389828	-2.56523	0.0305245	0.203505	-4.9139	0.00558606	0.102355	-9.76989
cg03259038	CYP2F1	0.00401105	0.828899	0.943781	-1.05957	0.0606528	0.568102	-1.76025	7.58E-05	0.146745	-6.81454	0.320339	0.759937	-1.3159	0.540002	0.847162	-1.18041
cg02474193	CYP2F1	0.00662614	0.269525	1.25223	1.25223	0.00467914	0.479262	-2.08654	0.728241	1.07062	1.07062	0.583093	1.11453	1.11453	0.704485	1.07739	1.07739
cg06579354	CYP2F1	0.00736174	0.00235744	0.153651	-6.50824	0.115701	0.470046	-2.12745	0.162123	0.517376	-1.93283	0.0357855	0.340102	-2.9403	0.00784052	0.221697	-4.51065
cg12955039	CYP2F1	0.0113402	0.0921514	0.73468	-1.36114	0.000748848	0.427132	-2.3412	0.00670832	0.557236	-1.79457	0.454002	0.880864	-1.13525	0.0303465	0.654832	-1.52711
cg11267879	CYP2F1	0.0129499	0.00230175	0.115709	-8.64239	0.0924822	0.391643	-2.55335	0.228926	0.527698	-1.89502	0.0249213	0.258936	-3.86195	0.00507978	0.153333	-6.52177
cg15249911	CYP2F1	0.0218749	0.215444	2.06596	2.06596	0.0464466	3.62039	3.62039	0.0650791	3.20461	3.20461	0.0092302	0.150126	-6.66108	0.968816	0.978647	-1.02182
cg13676449	CYP2F1;CYP2F1	0.00958891	0.000277561	0.140113	-7.13707	0.119769	1.74646	1.74646	0.0119014	0.354537	-2.82058	0.265105	1.46764	1.46764	0.0493997	0.476731	-2.09762
cg04996523	CYP2J2	0.0225871	0.0425912	0.371038	-2.69514	0.595333	0.796408	-1.25564	0.760151	1.13886	1.13886	0.930808	1.03757	1.03757	0.149103	0.518396	-1.92903
cg11540204	CYP2J2	0.0322691	0.0143292	0.533773	-1.87345	0.0913352	0.679369	-1.47195	0.0750818	0.662253	-1.51	0.102167	1.4505	1.4505	0.915478	1.02232	1.02232
cg26802968	CYP2J2	0.0437621	0.526938	0.948439	-1.05436	0.0498085	0.8313	-1.20294	0.00572508	0.741448	-1.34871	0.940806	1.00615	1.00615	0.0411413	0.82319	-1.21479
cg20321331	CYP2R1	0.00481298	0.0708447	0.822644	-1.21559	0.269	0.894624	-1.11779	0.033883	0.786957	-1.27072	0.888432	0.986514	-1.01367	0.908272	1.01121	1.01121
cg16802027	CYP2R1	0.0202156	0.777173	0.959139	-1.0426	0.045545	1.40096	1.40096	0.86768	1.02482	1.02482	0.264937	0.84296	-1.1863	0.45594	1.11812	1.11812
cg03544918	CYP2R1	0.0444778	0.0329685	1.37798	1.37798	0.245594	1.16897	1.16897	0.27748	1.15627	1.15627	0.0429655	1.3491	1.3491	0.021075	1.42855	1.42855
cg00455178	CYP2R1	0.0453523	0.0395861	1.9257	1.9257	0.00948893	0.40461	-2.47152	0.987025	0.995533	-1.00449	0.0392234	0.518473	-1.92874	0.104582	0.61359	-1.62975
cg02997111	CYP2S1	1.36E-06	0.000511767	0.605331	-1.65199	0.000788665	1.59906	1.59906	0.000388773	1.68776	1.68776	2.96E-07	4.0224	4.0224	0.398746	1.08322	1.08322
cg16643152	CYP2S1	2.70E-06	0.000227888	0.527706	-1.89499	2.32E-06	3.32469	3.32469	4.05E-05	2.26493	2.26493	0.0461462	1.26927	1.26927	0.537581	0.936936	-1.06731
cg04291888	CYP2S1	2.21E-05	0.561522	1.09774	1.09774	0.885266	1.0232	1.0232	0.624204	1.08159	1.08159	0.00832076	1.7088	1.7088	0.0738515	1.37233	1.37233
cg23532138	CYP2S1	6.42E-05	0.00584566	0.531635	-1.88099	0.352555	1.18233	1.18233	0.220433	0.798065	-1.25303	0.000628105	0.398369	-2.51024	7.78E-06	0.179618	-5.56737
cg21117476	CYP2S1	6.68E-05	0.00776942	0.433018	-2.30937	0.00358609	2.62686	2.62686	0.00439861	2.53723	2.53723	0.000264219	4.3381	4.3381	0.767883	0.930093	-1.07516
cg17693865	CYP2S1	0.000777192	0.0744862	0.634003	-1.57728	0.321885	1.26451	1.26451	0.0691302	0.627273	-1.5942	0.297314	1.28118	1.28118	0.231225	0.749769	-1.33374
cg19430423	CYP2S1	0.000836378	0.189089	0.657236	-1.52152	0.0235045	0.442098	-2.26194	0.00166047	0.257303	-3.88646	0.0129517	0.394353	-2.5358	0.000758501	0.2144	-4.66418
cg03620853	CYP2S1	0.0015112	0.239406	0.616711	-1.6215	0.727112	1.14735	1.14735	0.0407521	2.52622	2.52622	0.00116801	6.4875	6.4875	0.697164	1.16583	1.16583
cg19834071	CYP2S1	0.00459438	0.0610629	0.63318	-1.57933	0.634898	0.901621	-1.10911	0.0953456	1.48692	1.48692	0.595139	1.12312	1.12312	0.304486	0.794352	-1.25889
cg25520249	CYP2S1	0.00802798	0.582676	1.12094	1.12094	0.202028	0.757949	-1.31935	0.0833711	0.67414	-1.48337	0.307997	0.804859	-1.24245	0.035829	0.605063	-1.65272
cg17914753	CYP2S1	0.00955504	0.529064	1.13195	1.13195	0.339135	0.825717	-1.21107	0.00445663	2.09037	2.09037	0.0699268	1.48275	1.48275	0.028763	1.65086	1.65086
cg23008047	CYP2S1	0.0141112	0.226399	0.755696	-1.32328	0.0635634	1.5841	1.5841	0.466536	0.849248	-1.17751	0.00121567	2.84139	2.84139	0.0681882	1.5689	1.5689
cg03940103	CYP2S1	0.0240899	0.179905	0.793523	-1.2602	0.0814818	1.36829	1.36829	0.0608656	0.709568	-1.40931	0.644157	1.07845	1.07845	0.402381	0.870088	-1.14931
cg12919977	CYP2U1	0.0036989	0.156939	0.764496	-1.30805	0.7085	0.935549	-1.06889	0.134732	0.751224	-1.33116	0.118121	1.35119	1.35119	0.0166516	0.595348	-1.67969
cg19608105	CYP2U1	0.0191747	0.416315	0.896922	-1.11492	0.0225985	1.4298	1.4298	0.105163	1.26093	1.26093	0.911515	0.985548	-1.01466	0.138322	1.23238	1.23238
cg17480204	CYP2U1	0.0206248	0.395856	0.890684	-1.12273	0.481211	1.10001	1.10001	0.314581	0.870698	-1.1485	0.00632317	0.622884	-1.60544	0.0176662	1.46849	1.46849
cg10492511	CYP2U1	0.0342445	0.0126825	0.289049	-3.45962	0.0310065	0.362589	-2.75794	0.344071	0.676741	-1.47767	0.531739	0.775866	-1.28888	0.0111015	0.279244	-3.5811
cg22402852	CYP2U1	0.0387746	0.112983	0.675637	-1.48008	0.903269	0.972743	-1.02802	0.363213	0.808639	-1.23665	0.846854	0.957003	-1.04493	0.932113	0.98082	-1.01955
cg05183927	CYP2W1	8.90E-05	0.00010045	0.195276	-5.12096	0.000678664	0.292263	-3.42158	0.0428612	0.575799	-1.73672	0.857313	0.958272	-1.04355	0.000304881	0.249207	-4.01273
cg01578764	CYP2W1	9.54E-05	0.00109349	0.322885	-3.09708	8.48E-05	0.190517	-5.24887	0.000797169	0.30463	-3.28267	0.0819449	0.636128	-1.57201	0.0014736	0.3406	-2.936
cg07210132	CYP2W1	0.000354979	0.000389314	0.245592	-4.0718	0.00680582	0.418739	-2.38812	0.00356318	0.375183	-2.66537	0.0541985	0.581317	-1.72023	0.138893	0.673354	-1.4851
cg24633291	CYP2W1	0.000368691	0.0289224	0.46266	-2.16141	0.00769949	0.358906	-2.78625	0.00142292	0.251269	-3.9798	0.268786	0.708457	-1.41152	0.000622568	0.206956	-4.83194

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00790395	0.347516	2.09687	2.09687	0.00060901	57.0146	57.0146	0.0600426	5.07285	5.07285	0.0413371	6.05801	6.05801	5.14938	47.7899	8.24953	1
cg03208426	0.123343	2.67413	2.67413	0.000369585	28.7602	28.7602	0.120568	2.69711	2.69711	0.0245289	4.84815	4.84815	5.06947	27.8813	4.88875	1
cg02825977	0.0169332	0.197847	-5.05441	0.0009203	0.0636692	-15.7062	0.0908568	0.35483	-2.81825	0.676391	1.263	1.263	4.65373	22.8043	4.35575	1
cg00714725	0.0161029	0.08589	-11.6428	0.00421418	0.0410011	-24.3896	0.415461	2.00128	2.00128	0.51455	1.73483	1.73483	4.49474	49.4592	9.78115	1
cg07606384	0.0552958	2.2002	2.2002	0.00267592	4.51228	4.51228	0.173174	1.69227	1.69227	0.117544	1.85334	1.85334	4.48734	9.36269	1.85464	1
cg05127821	0.105782	8.80086	8.80086	0.00311594	145.016	145.016	0.0416217	18.019	18.019	0.0199189	31.7805	31.7805	3.81818	91.6276	21.3313	1
cg02466572	0.0578857	0.258941	-3.86189	0.00314144	0.0785337	-12.7334	0.211073	0.435896	-2.29412	0.31227	0.51752	-1.93229	3.46952	21.8214	5.59062	1
cg06857304	0.0903225	0.323527	-3.09093	0.00625282	0.115979	-8.62225	0.0737939	0.299701	-3.33666	0.624916	0.742368	-1.34704	3.46281	20.0486	5.14637	1
cg05219493	0.0263065	2.67371	2.67371	0.00781753	3.57614	3.57614	0.258994	1.552	1.552	0.574265	0.809079	-1.23597	3.41914	7.54374	1.96118	1
cg01797727	0.652956	1.04704	1.04704	0.000599613	1.712	1.712	0.00017453	0.523731	-1.90938	0.217054	0.876438	-1.14098	11.8494	1.93523	0.145172	1
cg21459645	0.334201	0.814911	-1.22713	0.0158517	1.83536	1.83536	0.582661	1.1208	1.1208	0.765694	0.940432	-1.06334	5.98894	4.0056	0.594517	1
cg13908635	0.0760277	0.771326	-1.29647	0.0383396	1.37112	1.37112	0.444806	1.10787	1.10787	0.392438	0.891171	-1.12212	3.89612	1.0672	0.243479	1
cg22707705	0.153869	0.462829	-2.16063	0.494935	0.704893	-1.41865	0.00217055	0.114048	-8.76823	0.90667	0.942534	-1.06097	3.49434	14.0923	3.58481	1
cg14553243	0.393649	0.906936	-1.10261	0.356575	1.11183	1.11183	0.00680767	0.675723	-1.4799	0.418718	0.911763	-1.09678	7.96782	1.57717	0.175949	1
cg20372759	0.521803	0.920802	-1.08601	0.0865738	1.27198	1.27198	0.160139	0.826372	-1.21011	0.744298	0.95926	-1.04247	22.5305	5.7629	0.227362	1
cg19794395	0.0765667	0.723951	-1.38131	0.00129203	0.463532	-2.15735	0.637737	0.925174	-1.08088	0.000168759	0.350094	-2.85637	15.0936	6.42805	0.378559	1
cg18787440	0.0536734	1.38394	1.38394	0.0326424	1.44885	1.44885	0.765388	0.956589	-1.04538	0.0672731	0.737781	-1.35542	14.0497	4.89383	0.309619	1
cg24110768	0.249576	0.754608	-1.32519	0.00323265	0.390653	-2.55982	0.174917	0.713489	-1.40156	0.470478	0.84216	-1.18742	7.05015	6.11298	0.770729	1
cg01182309	0.374634	1.38439	1.38439	0.00589135	0.276343	-3.6187	0.381845	1.3773	1.3773	0.139618	0.567006	-1.76365	6.96968	14.0628	1.79352	1
cg04321714	0.952367	1.02515	1.02515	0.000538798	9.37167	9.37167	0.399655	1.4311	1.4311	0.280033	1.59495	1.59495	5.54341	15.1736	2.43309	1
cg07060721	0.0901252	2.80943	2.80943	0.386308	1.63421	1.63421	0.00394495	8.53866	8.53866	0.499752	0.684633	-1.46064	3.51888	17.046	4.30592	1
cg19201144	0.201562	0.504161	-1.98349	0.000678926	0.0715469	-13.9769	0.000987595	0.0832218	-12.0161	0.0110315	0.19809	-5.04822	7.96126	32.5154	3.6304	1
cg24923516	0.421843	0.776501	-1.28783	0.00104201	4.46608	4.46608	0.495109	1.23808	1.23808	0.0357017	0.470683	-2.12457	5.11692	7.70242	1.33803	1
cg10173124	0.0746264	0.323724	-3.08905	0.00302238	0.0994166	-10.0587	0.0385257	0.256326	-3.90128	0.511979	0.685421	-1.45896	4.38005	22.3744	4.54067	1
cg19269749	0.0379394	0.190139	-5.25931	0.00895283	0.100933	-9.90761	0.00984159	0.105355	-9.49173	0.0329852	0.179052	-5.58498	4.31804	32.5399	6.6985	1
cg11524128	0.0779768	0.687463	-1.45462	0.0184137	1.72836	1.72836	0.11544	1.38744	1.38744	0.319087	1.21777	1.21777	4.05034	2.34859	0.515423	1
cg07317449	0.58914	0.905358	-1.10453	0.293352	1.21989	1.21989	0.852686	0.966673	-1.03448	0.0686773	0.689653	-1.45001	3.50911	1.84783	0.468073	1
cg04176888	7.46E-07	0.263283	-3.79819	0.000264479	0.549313	-1.82046	2.09E-08	8.2492	8.2492	0.00662877	1.42237	1.42237	102.354	16.2037	0.140721	1
cg07506573	0.000354079	0.308432	-3.2422	1.61E-06	0.0841617	-11.8819	1.49E-05	0.158345	-6.31532	0.000585615	0.336372	-2.9729	38.0799	25.3531	0.591811	1
cg10710468	0.00027214	0.45655	-2.19034	8.91E-07	0.180164	-5.5505	0.00652435	0.628475	-1.59115	0.00826995	0.641636	-1.55852	34.1005	9.3253	0.24308	1
cg11834681	0.000670539	0.299337	-3.34072	4.57E-05	0.167642	-5.96509	0.00075604	0.306114	-3.26676	0.0143528	0.496753	-2.01307	24.1218	20.5264	0.756398	1
cg13482327	0.0913695	0.485262	-2.06074	0.001657	0.173659	-5.75841	1.60E-05	0.0314041	-31.8429	0.00157029	0.170969	-5.84901	19.5169	46.7538	2.12938	1
cg12978820	0.0069527	0.356552	-2.80464	0.000404309	0.190009	-5.2629	0.00103644	0.238172	-4.19865	0.220661	0.683685	-1.46266	8.79868	12.1532	1.22778	1
cg05372113	0.370095	0.64207	-1.55746	0.268501	1.74154	1.74154	0.00392887	6.4752	6.4752	0.48344	0.709764	-1.40892	3.93874	14.4541	3.26198	1
cg19645066	0.0252525	0.676319	-1.47859	0.000489121	0.447973	-2.23228	0.00311218	0.55187	-1.81202	0.275619	0.846442	-1.18142	8.77397	3.00257	0.30419	1
cg05910970	0.0920286	1.2817	1.2817	0.000736813	1.98613	1.98613	0.69648	0.948894	-1.05386	0.537257	1.08719	1.08719	8.67207	2.45952	0.252101	1
cg13531315	0.0136409	0.3497	-2.85959	0.00238016	0.232562	-4.29992	0.0346492	2.33532	2.33532	0.282114	0.680516	-1.46947	7.68408	14.4316	1.66943	1
cg08009568	0.00380345	0.390969	-2.55775	0.000318331	0.245976	-4.06544	0.012857	0.475556	-2.1028	0.00741013	0.43605	-2.29332	13.542	12.416	0.814984	1
cg17435250	0.00622825	0.402319	-2.48559	0.000174939	0.196758	-5.0824	0.00294525	0.352543	-2.83653	0.0968109	0.627861	-1.59271	11.7465	12.1298	0.917896	1
cg22780242	0.0245129	0.37597	-2.65979	0.000307737	0.117756	-8.49213	0.00084875	0.160237	-6.24076	0.00723427	0.282133	-3.54443	10.4371	22.037	1.8768	1
cg21111256	0.00118394	0.124327	-8.04329	0.00492676	0.195364	-5.11866	0.00752783	0.221415	-4.51641	0.0224825	0.301681	-3.31476	8.44092	25.6932	2.70567	1
cg25424194	0.113931	0.591157	-1.6916	0.000142144	0.134572	-7.43095	0.00562259	0.329211	-3.03757	0.0169125	0.410402	-2.43664	13.8786	20.5373	1.31536	1
cg00420847	0.0835453	0.752793	-1.32839	0.506692	1.10504	1.10504	0.0515032	0.719904	-1.38907	0.392845	0.878294	-1.13857	3.61743	1.25929	0.309437	1
cg10322876	0.00804014	0.58071	-1.72203	2.50E-06	0.161275	-6.20059	4.55E-05	0.291134	-3.43485	0.0012691	0.471095	-2.12271	43.2614	17.5543	0.360688	1
cg11539883	0.000698411	0.350185	-2.85564	0.0650885	1.52242	1.52242	0.000299575	0.303108	-3.29916	0.000185945	0.277868	-3.59884	16.4359	10.7194	0.579729	1
cg13526492	0.000365536	0.234175	-4.2703	0.0503037	0.567042	-1.76354	0.0834155	0.614321	-1.62781	0.06484	0.590247	-1.69421	11.4591	11.7324	0.910089	1
cg24033278	?	?	?	0.00818456	0.334674	-2.98798	0.000833732	0.196544	-5.08792	0.000796883	0.194274	-5.14738	10.7214	15.7945	1.47317	1
cg07455963	0.922193	1.02435	1.02435	0.636622	1.12432	1.12432	0.000810976	0.288308	-3.46852	0.0267851	0.524131	-1.90792	8.34033	8.00843	0.853516	1
cg18115248	0.103086	0.372089	-2.68753	0.00021476	0.0325234	-30.7471	0.019701	0.209769	-4.76715	0.156176	0.431249	-2.31885	7.99981	38.9457	4.32741	1
cg24426371	0.0264296	0.675388	-1.48063	0.77126	0.957463	-1.04443	0.886971	0.979016	-1.02143	0.0167544	0.647034	-1.54551	7.45475	2.62516	0.313019	1
cg08852641	0.0323122	0.439059	-2.2776	0.000476742	0.165125	-6.05603	0.00688594	0.316982	-3.15476	0.39398	0.75071	-1.33207	6.65754	11.3713	1.51825	1
cg09286079	0.00544544	0.233845	-4.27634	0.271001	1.57684	1.57684	0.00358096	0.208495	-4.79629	0.0712114	0.448959	-2.22737	6.47338	16.1911	2.22327	1
cg15843278	0.0523091	0.48242	-2.07288	0.189325	0.631769	-1.58286	0.024471	0.412611	-2.42359	0.0328227	0.438405	-2.281	5.9359	10.2553	1.53571	1
cg26669393	0.0882473	0.366555	-2.7281	0.00131867	0.0826291	-12.1023	0.00624768	0.14936	-6.69523	0.0746432	0.346625	-2.88496	5.2081	23.4808	4.00756	1
cg01409498	0.000152171	0.52047	-1.92134	0.908304	0.988486	-1.01165	0.469964	0.928783	-1.07668	5.02E-06	0.351777	-2.84271	38.8286	6.21228	0.142215	1
cg10575842	0.342083	1.14653	1.14653	8.30E-05	0.371654	-2.69067	0.199026	0.827312	-1.20873	0.00379635	0.579601	-1.72532	11.3967	3.52205	0.274704	1
cg03343515	0.00793456	0.274051	-3.64896	0.04105	0.408022	-2.45085	0.0202427	0.344875	-2.8996	0.118825	0.525324	-1.90359	4.08754	9.35995	2.03544	1
cg20087457	0.000345704	0.64979	-1.53896	2.70E-07	0.319981	-3.12518	0.416446	0.939709	-1.06416	3.52E-08	0.227884	-4.38819	140.012	12.4321	0.0789271	1
cg16227251	1.95E-05	0.0754178	-13.2595	0.00390003	0.313652	-3.18824	0.845876	0.943584	-1.05979	0.000101698	0.12819	-7.80093	29.3514	41.3896	1.25346	1
cg06852652	0.116485	0.772505	-1.29449	0.0519609	0.71561	-1.39741	0.4172	0.882083	-1.13368	2.63E-05	0.284062	-3.52036	21.6937	7.86833	0.322401	1
cg04899273	0.361717	0.832037	-1.20187	0.174844	1.32714	1.32714	0.560213	0.890897	-1.12246	0.00039618	0.330788	-3.02309	11.6587	7.10251	0.541515	1
cg19852607	0.0338609	0.447804	-2.23312	0.00369086	0.280097	-3.57019	0.0104977	0.351896	-2.84175	0.00721674	0.324834	-3.07849	9.15104	15.243	1.48063	1
cg18174075	0.0508191	1.93324	1.93324	0.218682	1.46711	1.46711	0.586324	0.849767	-1.17679	0.00233025	0.28381	-3.52348	6.9285	9.63196	1.23573	1
cg05835416	0.192311	0.829713	-1.20524	0.00556199	0.610988	-1.63669	0.107447	0.788471	-1.26828	0.0795125	0.768528	-1.30119	4.04435	1.17205	0.257599	1
cg20426415	0.0184241	0.171088	-5.84495	0.0169056	0.165413	-6.04547	0.318916	0.529379	-1.88901	0.125879	0.359639	-2.78057	4.0437	24.419	5.36779	1
cg14196507	0.0136588	0.532524	-1.87785	0.168443	0.738468	-1.35416	0.329341	1.23117	1.23117	0.000985348	0.36357	-2.7505	11.6861	7.89858	0.600795	1
cg00051662	0.000307681	0.169324	-5.90585	1.34E-05	0.0630785	-15.8533	0.00174393	0.258478	-3.8688	0.00128221	0.240981	-4.14971	27.0176	39.3164	1.29353	1
cg24857560	0.000756869	0.260735	-3.83532	0.107076	1.589	1.589	0.00127839	0.290401	-3.44352	0.00113915	0.283722	-3.52457	26.0214	28.562	0.975675	1
cg04189838	0.0106888	0.544045	-1.83808	0.801034	0.953225	-1.04907	0.121359	0.727153	-1.37523	0.00167443	0.426361	-2.34543	16.3087	9.2957	0.506653	1
cg20031717	0.00188782	0.105868	-9.44573	0.00207108	0.109602	-9.12391	0.446124	0.673061	-1.48575	0.0130197	0.207891	-4.81022	8.53782	35.1437	3.65887	1
cg14717122	0.00164826	0.362482	-2.75876	0.180508	0.725931	-1.37754	0.00872222	0.47109	-2.12274	2.48E-05	0.151421	-6.60411	35.4863	28.5132	0.714221	1
cg12759420	0.031964	1.43265	1.43265	0.217058	0.830444	-1.20418	0.326242	0.865025	-1.15604	5.26E-07	0.135617	-7.37372	31.8689	10.3291	0.2881	1
cg24828322	0.028972	0.539835	-1.85242	0.00733513	2.28794	2.28794	0.158358	0.696916	-1.43489	0.00031161	0.24653	-4.0563	14.3755	13.0546	0.80721	1
cg24140586	0.000772417	0.156677	-6.38255	1.56E-05	0.0387288	-25.8206	0.00213248	0.20773	-4.81394	0.00035318	0.123691	-8.08469	25.9622	54.5285	1.86694	1
cg09550024	0.00943382	0.118884	-8.41153	0.00129693	0.0481752	-20.7576	0.0522157	0.239502	-4.17534	0.0112376	0.127994	-7.81285	7.22886	47.9615	5.89753	1
cg14191040	0.00120348	0.0929344	-10.7603	0.00100865	0.0867944	-11.5215	0.0415509	0.308155	-3.24512	0.0244646	0.261144	-3.8293	7.08595	28.1591	3.53239	1
cg20046859	0.120667	1.1888	1.1888	0.0460236	1.26483	1.26483	0.0674725	1.2343	1.2343	8.18E-06	0.367562	-2.72063	50.2511	8.40203	0.148623	1
cg07016288	5.27E-05	0.344189	-2.90538	3.77E-06	0.204327	-4.89411	0.0908635	1.27115	1.27115	0.00142972	0.536848	-1.86273	50.1638	12.5199	0.194117	1
cg22650942	0.781538	0.947968	-1.05489	3.29E-06	0.120907	-8.27081	?	?	?	0.0134253	0.555203	-1.80114	28.5961	14.8732	0.520113	1
cg04692870	0.000852825	0.252027	-3.96783	0.00143621	0.281539	-3.5519	0.0947738	1.65698	1.65698	0.00760979	0.389115	-2.56993	9.98827	11.9654	1.06484	1
cg11881141	0.000152727	0.166904	-5.99148	0.00152806	0.284296	-3.51746	0.487399	0.823227	-1.21473	0.0132332	0.428884	-2.33163	9.35667	11.264	1.07009	1
cg15597984	0.0476343	0.410404	-2.43662	0.000928207	0.14312	-6.98716	0.00816526	0.264203	-3.78496	0.00729863	0.256586	-3.89733	7.24699	17.7432	2.17632	1
cg25452165	0.00115269	0.169583	-5.89681	0.464902	1.31827	1.31827	0.0177347	2.91906	2.91906	0.00768353	0.280089	-3.5703	6.64811	14.5326	1.94308	1
cg13463109	0.00804582	0.389471	-2.56759	0.1055	0.611893	-1.63427	0.449753	1.23852	1.23852	0.781862	1.08014	1.08014	5.76591	7.04467	1.08603	1
cg11221132	0.113646	0.608045	-1.64462	0.000527775	0.210002	-4.76186	0.00232384	0.292523	-3.41853	0.00165272	0.272106	-3.67503	8.28302	10.9584	1.176	1
cg05519181	0.0204232	0.418758	-2.38801	0.100349	0.570751	-1.75208	0.0560127	0.5095	-1.96271	0.19355	0.651429	-1.53509	5.33987	8.20789	1.36631	1
cg19513890	0.649325	0.916674	-1.0909	0.00195716	2.29816	2.29816	0.0171035	1.73742	1.73742	0.0381174	0.633293	-1.57905	4.54863	2.60218	0.508516	1
cg26169700	0.117268	1.5055	1.5055	0.00363098	2.57635	2.57635	0.0251775	1.89691	1.89691	0.65271	1.11508	1.11508	4.02659	3.68757	0.814049	1
cg12850546	0.00158814	0.0843713	-11.8524	0.247574	1.9336	1.9336	0.700999	1.23422	1.23422	0.202378	0.479925	-2.08366	4.02404	18.9607	4.18831	1
cg10986462	0.0586235	0.673637	-1.48448	0.000855771	0.396038	-2.52501	7.70E-05	0.265941	-3.76024	0.00336659	0.47825	-2.09096	27.9116	15.1187	0.481478	1
cg01465364	0.00922803	0.426341	-2.34554	9.37E-05	0.165811	-6.03095	8.34E-05	0.160934	-6.21371	0.00901237	0.424637	-2.35495	14.2752	15.0455	0.936848	1
cg19571004	0.00206375	0.361115	-2.7692	0.00298229	0.384307	-2.60209	0.260762	0.759333	-1.31695	0.00202876	0.360055	-2.77735	10.1648	8.86982	0.775646	1
cg14250048	0.00146768	0.168657	-5.92919	0.000315881	0.104153	-9.60126	0.00469544	0.233076	-4.29045	0.0144539	0.310939	-3.21607	10.131	24.1034	2.11481	1
cg07381788	0.0073698	0.458962	-2.17883	0.000956339	0.32962	-3.03379	0.00652385	0.450613	-2.2192	0.0019362	0.371885	-2.689	8.74267	7.04231	0.716009	1
cg00436603	0.034768	0.497384	-2.01052	0.000625469	0.22473	-4.44978	0.00140893	0.269268	-3.71377	0.142288	0.639114	-1.56466	8.071	10.2957	1.1339	1
cg16538390	0.320624	0.719299	-1.39024	0.000192495	0.133197	-7.50769	0.460214	0.785524	-1.27304	0.00587626	0.314288	-3.1818	7.50312	12.2497	1.45122	1
cg09208540	0.0283093	0.500189	-1.99924	0.039065	0.527783	-1.89472	0.939878	1.02039	1.02039	0.0618508	0.569671	-1.7554	6.82346	7.73751	1.00796	1
cg25330361	0.0492581	0.394117	-2.53732	0.406194	1.42267	1.42267	0.00142613	6.78129	6.78129	0.962538	0.980703	-1.01968	3.79668	10.3494	2.42304	1
cg05194426	0.64333	1.42497	1.42497	0.033554	0.151705	-6.59173	0.03178	6.76342	6.76342	0.35222	0.483313	-2.06905	3.56522	32.5713	8.12077	1
cg19837601	0.0924795	0.445376	-2.2453	0.00124862	0.127503	-7.84294	0.0168739	0.279872	-3.57306	0.0109688	0.247996	-4.03232	6.47265	19.5617	2.68641	1
cg27168410	0.0603115	0.775045	-1.29025	0.642951	1.05776	1.05776	0.0485952	1.31124	1.31124	0.000161323	0.460738	-2.17043	27.1733	6.22666	0.203686	1
cg10239449	0.00878756	1.61235	1.61235	2.05E-05	3.42827	3.42827	0.000901917	2.03615	2.03615	0.0167572	1.51884	1.51884	16.4403	5.33601	0.288506	1
cg26859042	0.673887	1.14495	1.14495	0.00236497	0.257657	-3.88113	0.00613869	0.318692	-3.13782	0.452256	0.782773	-1.27751	9.81572	15.901	1.43996	1
cg24207610	0.626542	0.920994	-1.08578	0.00537932	1.84981	1.84981	0.031268	1.52823	1.52823	0.955093	1.0095	1.0095	9.34938	4.17094	0.396551	1
cg06210526	0.528068	0.670068	-1.49239	0.000785669	0.0416106	-24.0323	0.00290261	0.0770154	-12.9844	0.109689	0.335481	-2.98079	8.135	50.5397	5.52233	1
cg03259038	0.288684	0.744932	-1.3424	0.0290602	1.98931	1.98931	0.900352	0.967064	-1.03406	0.457952	0.817043	-1.22393	7.84596	8.88139	1.0062	1
cg02474193	0.00119919	0.395209	-2.53031	0.0567655	1.52469	1.52469	0.925732	1.01841	1.01841	0.0094993	0.52585	-1.90168	6.7291	4.07802	0.538691	1
cg06579354	0.227258	0.571418	-1.75003	0.000580494	0.0954396	-10.4778	0.0126673	0.254597	-3.92777	0.464452	0.719852	-1.38917	6.51183	20.1021	2.74401	1
cg12955039	0.475367	0.886282	-1.12831	0.307412	0.83885	-1.19211	0.445852	0.87876	-1.13797	0.00435812	0.530744	-1.88415	5.67647	2.48679	0.389411	1
cg11267879	0.0107465	0.197359	-5.06691	0.0108266	0.197842	-5.05454	0.0203161	0.242616	-4.12174	0.189211	0.494534	-2.02211	5.437	22.0711	3.60838	1
cg15249911	?	?	?	?	?	?	0.0987477	0.36277	-2.75657	?	?	?	5.38867	16.9804	3.67632	1
cg13676449	0.0585589	0.493661	-2.02568	0.105826	0.557909	-1.79241	0.000114245	0.106812	-9.36227	0.0103211	0.343867	-2.9081	11.9073	20.579	1.53623	1
cg04996523	0.000545888	0.102158	-9.78873	0.530848	1.30944	1.30944	0.183602	0.549296	-1.82051	0.689323	1.18608	1.18608	4.51292	12.89	2.53888	1
cg11540204	0.278516	1.26399	1.26399	0.213412	0.761544	-1.31312	0.551465	0.882256	-1.13346	0.007336	0.487433	-2.05156	3.98192	2.72605	0.60854	1
cg26802968	0.562713	1.04951	1.04951	0.0837599	1.17121	1.17121	0.731196	1.02889	1.02889	0.198652	0.89389	-1.11871	3.56246	0.38475	0.096001	1
cg20321331	0.00819948	1.38705	1.38705	0.457562	0.92944	-1.07592	0.676468	0.960221	-1.04143	0.000350023	1.74347	1.74347	7.4244	1.10014	0.131714	1
cg16802027	0.440459	0.890765	-1.12263	0.000777691	0.473493	-2.11196	0.5411	1.09524	1.09524	0.206271	1.21655	1.21655	4.68744	1.60505	0.304369	1
cg03544918	0.0078419	1.55061	1.55061	0.295853	0.869918	-1.14953	0.552324	1.08036	1.08036	0.0750665	1.29025	1.29025	3.54095	0.926869	0.232673	1
cg00455178	0.752463	1.09102	1.09102	0.164057	0.664436	-1.50504	0.715504	0.904132	-1.10603	0.120792	0.629249	-1.5892	3.51524	4.22011	1.06713	1
cg02997111	0.000390152	1.68728	1.68728	0.00151541	0.655289	-1.52604	2.88E-07	4.04134	4.04134	0.813531	1.0221	1.0221	67.8466	9.19927	0.120524	1
cg16643152	0.00714825	1.4369	1.4369	0.000105587	0.489391	-2.04336	9.37E-07	3.86663	3.86663	0.546927	0.938367	-1.06568	56.8632	9.80752	0.153312	1
cg04291888	0.275986	0.835258	-1.19724	0.00132197	0.476129	-2.10027	3.05E-07	10.8088	10.8088	0.558981	0.910399	-1.09842	33.0052	13.1908	0.355252	1
cg23532138	0.000156479	0.322076	-3.10486	1.64E-05	0.211567	-4.72665	0.00359296	0.501402	-1.99441	0.116095	0.741554	-1.34852	24.9111	12.0944	0.431557	1
cg21117476	0.937393	0.980949	-1.01942	0.00190006	0.340488	-2.93696	5.71E-06	12.2091	12.2091	0.945624	1.01684	1.01684	24.6503	23.407	0.844055	1
cg17693865	0.824759	0.950414	-1.05217	2.66E-05	0.149	-6.71141	0.00219817	2.67669	2.67669	0.467731	0.844129	-1.18465	12.6345	10.5236	0.740379	1
cg19430423	0.0610744	0.528996	-1.89037	2.83E-05	0.0833988	-11.9906	0.00973165	0.372891	-2.68175	0.0313833	0.466903	-2.14177	12.3761	17.8388	1.28123	1
cg03620853	0.922598	0.962589	-1.03887	0.00188098	0.177427	-5.63611	0.000352474	9.50999	9.50999	0.675399	0.847699	-1.17966	10.4572	25.4932	2.16699	1
cg19834071	0.274229	0.781682	-1.27929	0.797502	0.945856	-1.05724	0.000105282	4.4066	4.4066	0.3217	1.24812	1.24812	7.53012	5.5898	0.659844	1
cg25520249	0.232806	1.29356	1.29356	0.000260376	0.290652	-3.44054	0.186274	1.33412	1.33412	0.126577	0.711773	-1.40494	6.33718	4.24808	0.595859	1
cg17914753	0.971222	1.00704	1.00704	0.00966275	0.52915	-1.88982	0.084509	1.44903	1.44903	0.0109261	1.86062	1.86062	5.99714	3.58838	0.531866	1
cg23008047	0.244047	1.30837	1.30837	0.185485	0.733715	-1.36293	0.026725	1.7841	1.7841	0.404961	0.828687	-1.20673	5.28612	4.07171	0.684679	1
cg03940103	0.7771	1.04717	1.04717	0.0336424	0.668363	-1.49619	0.00452365	1.84841	1.84841	0.177738	0.792492	-1.26184	4.41368	1.8432	0.37121	1
cg12919977	0.735822	1.06191	1.06191	0.000258707	2.90496	2.90496	0.679001	0.92884	-1.07661	0.0137003	1.71727	1.71727	8.03952	4.00664	0.442993	1
cg19608105	0.897296	0.983231	-1.01705	0.00136983	0.54434	-1.83709	0.332484	1.13987	1.13987	0.906936	1.01543	1.01543	4.77226	1.29607	0.241408	1
cg17480204	0.759457	1.04174	1.04174	0.917942	1.01382	1.01382	0.0396153	1.37276	1.37276	0.0254769	1.42403	1.42403	4.65557	1.30701	0.249547	1
cg10492511	0.743081	0.876539	-1.14085	0.0105348	0.275458	-3.63032	0.0195965	0.32307	-3.0953	0.143348	0.532569	-1.87769	3.89775	9.90842	2.25963	1
cg22402852	0.00473748	0.426261	-2.34598	0.00238251	0.381903	-2.61847	0.60183	0.887224	-1.12711	0.398133	0.821487	-1.21731	3.7255	3.04834	0.72732	1
cg05183927	0.000316704	0.251175	-3.98128	2.00E-05	0.129382	-7.72906	7.08E-05	0.179701	-5.5648	0.00236645	0.366359	-2.72956	22.8384	20.2885	0.789645	1
cg01578764	0.00248795	0.372854	-2.68201	6.97E-06	0.0967653	-10.3343	0.000127243	0.209154	-4.78117	0.00468257	0.413824	-2.41649	22.418	19.5559	0.775405	1
cg07210132	6.05E-05	0.158895	-6.29346	0.0498637	0.573894	-1.74248	4.67E-05	0.148506	-6.73372	0.00615945	0.411839	-2.42813	15.7081	15.3339	0.86771	1
cg24633291	0.00080455	0.220148	-4.54239	2.09E-05	0.0767476	-13.0297	0.000842846	0.222593	-4.4925	0.0343375	0.477721	-2.09327	15.5453	22.0477	1.2607	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ogi2009474	CYP2W1	0.00234037																												
ogi2428681	CYP2W1	0.0029075																												
ogi3322234	CYP2W1	0.00460851	0.305683	-1.21124	0.116531	0.734298	-1.36184	0.0259588	0.6359596	-1.61395	0.321207	1.20394	1.20394	0.103736	0.724553	-1.38016														
ogi1731210	CYP2W1	0.00827762	0.0950007	-10.5196	0.190873	0.977135	-2.51765	0.0763094	0.8585566	-3.72348	0.473124	4.624254	-1.62799	0.0653159	0.094087	-10.5474														
ogi2064556	CYP2W1	0.0115036	0.103088	0.635834	-1.57274	0.843312	1.64353	0.584755	1.15261	0.1171166	0.909684	-1.09928	0.059892	0.575575	-1.73739															
ogi3490148	CYP2W1	0.0127204	0.00296061	0.193283	-5.17376	0.143108	0.530438	0.188523	0.0562679	0.4185844	-2.38923	2.207227	0.646995	0.154563	0.0295363	0.3507	-2.80843														
ogi4887030	CYP2W1	0.0136405	0.172287	0.704384	-1.41968	0.0576342	0.595803	-1.67841	0.0151171	0.48671	-2.05461	0.137579	0.679953	-1.47069	0.000598633	0.27874	-3.58757														
ogi8888853	CYP2W1	0.0138096	0.0189159	-11.1454	0.0872344	0.9133	-1.4202	0.0218327	0.7252	-1.54398	0.768228	0.799641	-1.25061	0.0133892	0.0894738	-10.155														
ogi7053785	CYP2W1	0.0150993	0.725624	0.889922	-1.12369	0.229135	0.658565	-1.51845	0.8351021	1.07143	1.071414	0.982896	-1.00715	0.8148191	0.805064	-1.24214														
ogi1842807	CYP2W1	0.0252379	0.0236482	0.238657	-4.19011	0.0848157	0.363971	-2.74747	0.307934	0.5714154	-1.75004	0.594059	0.751815	-1.33011	0.0324558	0.265088	-3.77233														
ogi9184199	CYP2W1	0.0259199	0.400991	0.660299	-1.51444	0.0870344	1.12185	0.285564	1.88992	-1.88992	0.2215559	1.380531	1.380551	0.0267475	0.225577	-4.4308														
ogi1219521	CYP2W1	0.0263812	0.0223812	0.215207	-4.64669	0.128794	0.397922	-2.51306	0.0617528	0.3060946	-3.26579	0.666779	1.275391	0.1554588	0.18905	-5.28962														
ogi1491948	CYP2W1	0.0341284	0.734398	0.885679	-1.12909	0.8562284	0.993768	-1.00623	0.9939112	0.43799	-2.28254	0.4343	0.3838549	0.0909562	-10.9992	0.0909562	-10.9992														
ogi2205235	CYP2W1	0.0478022	0.360392	1.457181	-1.45718	0.307237	1.52687	-1.52687	0.4764056	1.36675	-1.36675	0.633316	1.213161	-1.21361	0.0829771	0.4636361	-1.15687														
ogi1675713	CYP3A4	0.00662148	0.0116434	0.123209	-8.11631	0.0139125	0.244806	-0.40886	0.0543998	0.2855676	-2.71979	0.0329099	0.314865	-3.17597	0.0141992	0.246295	-4.06018														
ogi1660244	CYP3A4;CYP39A1;SLC25A27	0.0229318	0.170158	1.65853	-1.16853	0.0337213	0.675688	-1.30261	0.2972324	0.8951	-1.12208	0.41676	0.2905	-1.07612	0.568486	0.924131	-1.08201														
ogi1574612	CYP3A4;CYP39A1;SLC25A27	0.0318518	0.175748	1.21128	1.21128	0.718171	1.04945	1.04945	0.730769	0.955052	-1.04706	1.08154	0.792103	-1.26246	0.009916666	1.54299	1.54299														
ogi1955737	CYP3A4;CYP3A5	0.00436154	0.118667	0.842344	-1.18756	0.087144	1.21086	0.00945846	1.39529	1.39529	0.55726	1.06197	1.061197	0.3255312	1.10805	1.10805														
ogi1631364	CYP3A4;SLC25A27	0.0114614	0.00504371	0.237732	-4.20753	0.0870076	1.01863	0.1056	0.1989558	1.2043	1.2043	0.5916111	0.9282605	-1.07612	0.568486	0.924131	-1.08201														
ogi1679888	CYP3A4;SLC25A27	0.0189322	0.797713	0.95141	-1.05107	0.0777707	1.46248	1.46248	0.905155	1.02339	1.02339	0.918711	1.01999	1.01999	0.446334	0.860246	-1.16246														
ogi4457126	CYP3A4;SLC25A27	0.047855	0.276266	1.29164	1.29164	0.0998313	1.42202	0.0218327	1.72532	1.72532	0.0801137	1.46914	1.469141	0.0877324	0.952859	-1.04949														
ogi2326197	CYP3A4	0.00585208	0.00137487	0.189625	-5.27357	0.152259	0.577331	-1.73211	0.036676	0.4193116	-2.38597	0.00188174	0.206239	-4.84874	0.061626	0.470426	-2.12573														
ogi2822154	CYP3A4	0.0107623	0.00309612	0.219172	-4.56402	0.0744707	0.613264	-1.63067	0.0410083	0.3134	-3.19952	0.00464645	0.215824	-4.63343	0.0318349	0.230559	-4.48109														
ogi4358264	CYP3A4	0.012875	0.023607	0.448499	-2.22966	0.132493	0.617802	-1.61864	0.00125388	0.247144	-4.04623	0.00757435	0.360932	-2.77061	0.25658	-3.703773	0.14209														
ogi0914773	CYP3A4	0.028254	0.011198	0.0905399	-11.0449	0.0117042	0.0925221	-10.8082	?	?	0.251581	0.404474	-2.47234	0.140217	0.301231	-3.31971														
ogi1336756	CYP3A4;CYP3A43;CYP3A43	5.62E-05	1.13E-05	0.0018754	-53.2769	0.0064886	0.0002157	0.019013	1.72E-05	0.174591	-5.72769	0.646886	0.8605923	-1.16211	0.7301495	0.190251	-5.25386														
ogi1426754	CYP3A4;CYP3A43;CYP3A43	0.00359552	0.00212153	0.165947	-6.02602	0.0514383	0.397771	-2.51401	0.00150093	0.149175	-6.70355	0.0058101	0.222623	-4.4919	0.0009887	0.130607	-7.65659														
ogi1746138	CYP3A4;CYP3A43;CYP3A43	0.00915311	0.0029539	0.311977	-3.2057	0.0047944	0.264396	-3.78145	0.0018851	0.0944569	-10.5896	0.0004563	0.0163118	0.36242	-2.75896	0.0009199	-10.8703														
ogi1604729	CYP3A4;CYP3A43;CYP3A43	0.00156826	0.00380655	0.182472	-5.48029	0.1810098	0.538446	-1.8572	0.0692645	0.217991	-4.58735	0.0276337	0.321376	-3.11162	0.0609042	0.21778	-4.5918														
ogi1898856	CYP3A4;CYP3A43;CYP3A43	0.00469884	0.0076156	0.241034	-4.14879	0.0665161	0.426055	-2.34712	0.00126369	0.142108	-7.03689	0.00702894	0.235761	-4.24157	0.00135139	0.145148	-6.88951														
ogi1542643	CYP3A4;CYP3A43;CYP3A43	0.00745779	0.0063444	0.253088	-3.95091	0.0105555	0.313446	-3.1903	0.0113549	0.1189566	-8.40817	0.0048139	0.2016921	-4.95901	0.0017855	0.1189566	-8.40817														
ogi5592255	CYP3A4;CYP3A43;CYP3A43	0.0256715	0.199138	0.745121	-1.34206	0.0625159	0.634227	-1.57672	0.00485499	0.444913	-2.24763	0.729985	1.078031	0.1078203	0.170515	1.7575	1.7575														
ogi1687956	CYP3A5	0.00215545	0.0018356	0.140193	-7.13206	0.0190708	0.263674	-3.79326	0.0047707	0.2726	-4.1991	0.0175193	0.3440205	-2.90617	0.0430806	0.3683843	-2.71762														
ogi1426064	CYP3A5	0.0495023	0.0349838	0.147179	-6.79447	0.0121912	0.0875202	-11.4259	0.754652	0.78311	-1.27696	0.455846	0.553054	-1.80814	0.0327366	0.1425208	7.01716														
ogi0459378	CYP3A7	0.00036366	2.72E-05	0.0735962	-13.5877	0.04822	0.765974	-1.30553	0.0173429	0.40122	-2.4924	0.0663538	0.522581	-1.91358	0.01078	0.36439	-2.74431														
ogi6368260	CYP3A7	0.00560774	0.114911	0.428729	-2.33191	0.0694709	0.843571	0.940757	-1.06297	0.0015642	0.4982	-2.00645	0.0867735	0.505665	0.1962	-5.09662														
ogi7715041	CYP3A7	0.0205977	0.00277409	0.113373	-8.82041	0.0242769	0.242441	-4.12472	0.125274	0.416628	-2.40022	0.545163	1.38143	1.38143	0.0247912	0.24413	-4.09619														
ogi9421521	CYP3A7;CYP3A7	0.0127155	0.00340338	0.182115	-5.49107	0.0238377	0.247477	-1.08404	0.00504991	0.13877	-7.20618	0.0041987	0.194506	0.2889	-3.46182	0.0177542	0.20853	-4.92872														
ogi1288494	CYP46A1	0.00094847	0.670108	0.09178	1.09178	0.560411	1.21821	1.21821	0.00121301	0.378845	-2.63936	0.0358536	0.606341	-1.64924	0.0233439	0.5739351	1.74231														
ogi2610130	CYP46A1	0.00434712	0.0570221	0.719897	-1.38909	0.0270545	1.49101	1.49101	0.01574	1.57091	1.57091	0.122425	0.774554	-1.29107	0.029452	0.986577	-1.01361														
ogi2830119	CYP46A1	0.00483412	0.0162155	0.3126	-3.19885	0.0253383	0.512174	-1.9513	0.0113613	0.1811341	0.1811341	0.0135326	0.2618	-3.81984	0.0044524	0.1589	6.29326														
ogi1355145	CYP46A1	0.00811836	0.13152	0.785906	-1.27242	0.0527338	0.721914	-1.38521	0.0887617	0.757441	-1.32024	0.942154	0.9893192	-1.0108	0.8183262	0.701048	-1.42644														
ogi6098762	CYP46A1	0.0152727	0.0001	0.0001	-10000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001														
ogi2345063	CYP46A1	0.0375893	0.0123073	0.478799	-2.08856	0.519656	0.8571	-1.16673	0.0213652	0.52028	-1.92204	0.871343	1.03903	1.03903	0.00963547	0.461138	-2.16855														
ogi1117627	CYP46A1	0.0184735	0.0398207	0.595851	-1.04519	0.1328445	0.671429	-1.48954	0.0301399	0.1678645	-5.9579	0.0045453	0.0163118	0.38242	-2.61599	0.0099199	-10.0813														
ogi1604729	CYP3A43;CYP3A43;CYP3A43	0.00156826	0.00380655	0.182472	-5.48029	0.1810098	0.538446	-1.8572	0.0692645	0.217991	-4.58735	0.0276337	0.321376	-3.11162	0.0609042	0.21778	-4.5918														
ogi1898856	CYP3A43;CYP3A43;CYP3A43	0.00469884	0.0076156	0.241034	-4.14879	0.0665161	0.426055	-2.34712	0.00126369	0.142108	-7.03689	0.00702894	0.235761	-4.24157	0.00135139	0.145148	-6.88951														
ogi1542643	CYP3A43;CYP3A43;CYP3A43	0.00745779	0.0063444	0.253088	-3.95091	0.0105555	0.313446	-3.1903	0.0113549	0.1189566	-8.40817	0.0048139	0.2016921	-4.95901	0.0017855	0.1189566	-8.40817														
ogi5592255	CYP3A43;CYP3A43;CYP3A43	0.0256715	0.199138	0.745121	-1.34206	0.0625159	0.634227	-1.57672	0.00485499	0.444913	-2.24763	0.729985	1.078031	0.1078203	0.170515	1.7575	1.7575														
ogi1687956	CYP3A43;CYP3A43;CYP3A43	0.00215545	0.0018356	0.140193	-7.13206	0.0190708	0.263674	-3.79326	0.0047707	0.2726	-4.1991	0.0175193	0.3440205	-2.90617	0.0430806	0.3683843	-2.71762														
ogi1426064	CYP3A43;CYP3A43;CYP3A43	0.0495023	0.0349838	0.147179	-6.79447	0.0121912	0.0875202	-11.4259	0.754652	0.78311	-1.27696	0.455846	0.553054	-1.80814	0.0327366	0.1425208	7.01716														
ogi0459378	CYP3A43;CYP3A43;CYP3A43	0.00036366	2.72E-05	0.0735962	-13.5877	0.04822	0.765974	-1.30553	0.0173429	0.40122	-2.4924	0.0663538	0.522581	-1.91358	0.01078	0.36439	-2.74431														
ogi6368260	CYP3A43;CYP3A43;CYP3A43	0.00560774	0.114911	0.428729	-2.33191	0.0694709	0.843571	0.940757	-1.06297	0.0015642	0.4982	-2.00645	0.0867735	0.505665	0.1962	-5.09662														
ogi7715041	CYP3A43;CYP3A43;CYP3A43	0.0205977	0.00277409	0.113373	-8.82041	0.0242769	0.242441	-4.12472	0.125274	0.416628	-2.40022	0.545163	1.38143	1.38143	0.0247912	0.24413	-4.09619														
ogi9421521	CYP3A43;CYP3A43;CYP3A43	0.0127155	0.00340338	0.182115	-5.49107	0.0238377	0.247477	-1.08404	0.00504991	0.13877	-7.20618	0.0041987	0.194506	0.2889	-3.46182	0.0177542	0.20853	-4.92872														
ogi1288494	CYP46A1	0.00094847	0.670108	0.09178	1.09178	0.560411	1.21821	1.21821	0.00121301	0.378845	-2.63936	0.0358536	0.606341	-1.64924	0.0233439	0.5739351	1.74231														
ogi2610130	CYP46A1	0.00434712	0.0570221	0.719897	-1.38909	0.0270545	1.49101	1.49101	0.01574	1.57091	1.57091	0.122425	0.774554	-1.29107	0.029452	0.986577	-1.01361														
ogi2830119	CYP46A1	0.00483412	0.0162155	0.3126	-3.19885	0.0253383	0.512174	-1.9513	0.0113613	0.1811341	0.1811341	0.0135326	0.2618	-3.81984	0.0044524	0.1589	6.29326														
ogi1355145	CYP46A1	0.00811836	0.13152	0.785906	-1.27242	0.0527338	0.721914	-1.38521	0.0887617	0.757441	-1.32024	0.942154	0.9893192	-1.0108	0.8183262	0.701048	-1.42644														
ogi6098762	CYP46A1	0.0152727	0.0001	0.0001	-10000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001														
ogi2345063	CYP46A1	0.0375893	0.0123073	0.478799	-2.08856	0.519656	0.8571	-1.16673	0.0213652	0.52028	-1.92204	0.871343	1.03903	1.03903	0.00963547	0.461138	-2.16855														
ogi1117627	CYP46A1	0.0184735	0.0398207	0.595851	-1.04519	0.1328445	0.671429	-1.48954	0.0301399	0.1678645	-5.9579	0.0045453	0.0163118	0.38242	-2.61599	0.0099199	-10.0813														
ogi4365942	CYP46A1	0.0172457	0.1673	1.34733	-1.67405	1.21804	1.21804	0.0397856	1.85761	1.85761	0.0497507	0.983591	-1.01668	0.0834297	0.2320139	-2.24637														
ogi8106370	CYP46A1	1.53E-06	0.814503	1.00921	1.00921	1.20E-07	1.9326	1.9326	9.92E-05	1.30948	1.30948	0.000151059	1.28895	1.28895	0.139052	1.06411	1.06411														
ogi2099573	CYP4A11	0.0096243	0.0062444	0.300798	-3.32545	0.0103555	0.312446	-3.2003	0.0157482	0.1898743	-5.26763	0.0095757	0.1559778	-6.41091	0.0078554	0.2076	-4.81805														
ogi1200512	CYP4A11	0.0314428	0.0147412	0.351937	-2.84141	0.0626478	0.235847	-4.24003	0.0474386	0.454282	-2.20128	0.0456568	0.54054	-2.21956	0.0484935	0.456445	2.19084														
ogi5442599	CYP4A22	0.0178561	0.0478343	0.763794	-1.30925	0.0934486	1.05371	1.05371	0.0592899	0.335621	-2.97963	0.362631	0.546228	-1.83074	0.0088323	0.115967	8.62313														
ogi1074607	CYP4A22	0.0157483	0.0056482	0.262628	-3.80825	0.0205219	0.357883	-2.7961	0.0123053	0.1705221	0.3756221	-2.65519	0.3441288	0.5403884	-1.85054	0.0113285	8.82373														
ogi2480186	CYP4A22	0.0290779	0.335165	0.606438	-1.64897	0.908765	0.943943	-1.05939	0.0094354	0.190955	-5.23685	0.0212768	0.248307	-4.02728	0.0528722	0.33045	3.02618														
ogi4222679	CYP4B1;CYP4B1	0.00090202	0.0001	0.0001	-10000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001														
ogi1909243	CYP4B1;CYP4B1	0.00594578	0.00731936	0.0789853	-12.6606	0.00114478	0.0298907	-33.4552	0.033653	0.161568	-6.18935	0.296938	0.45209	-2.21195	0.370634	0.509201	-1.96386														
ogi1962152	CYP4B1;CYP4B1	0.0170534	0.1536468	1.306461	-1.36306	0.0248914	0.119729	-7.15669	0.0216354	0.4644	-2.15377	0.0135285	0.2046	-4.9704	0.2909037	0.4467386	-2.24323	0.1919358	0.2672233	-3.74219												
ogi8670281	CYP4F11;CYP4F11	0.00012746	0.0141325	0.623825	-1.60301	0.0616055	0.720316	-1.3882	0.00534154	0.564202	-1.77242	0.00490728	0.559444	-1.78749	1.92E-05	0.2585046	-3.86778														
ogi2480903	CYP4F11;CYP4F11	0.0109912	0.178073	0.38768	-2.57945	0.00388701	0.0761862	-13.1257	0.061197	0.24737	-4.04253	0.682947	1.3125	1.3125	0.00596517	0.0925115	-10.8095														
ogi4655310	CYP4F11;CYP4F11	0.0063643	0.0096304	0.318824	-3.13607	0.0155555	0.354645	-2.82127	0.0139481	0.1898562	-5.26763	0.0095757	0.1559778	-6.41091	0.0078554	0.2076	-4.81805														
ogi1881294	CYP4F11;CYP4F11	0.0205079	0.0254681	0.423003	-2.36405	0.0248664	0.256085	-3.90496	0.0183997	0.459621	-2.17571	0.135481	0.593711	-1.68432	0.0188825	0.397941	-2.51293														
ogi2617938	CYP4F11;CYP4F11	0.0245713	0.636457	0.832137	-1.20157	0.0826975	0.577399	-1.73169	0.0424848	0.415133	-2.40917	0.0229354	0.3687	-2.71233	0.0114324	0.2744	-3.64404														
ogi2651661	CYP4F11;CYP4F11	0.0260261	0.385224	0.700162	-1.42824	0.0395386	0.385471	-2.59423	0.0441712	0.396242	-2.52371	0.138571	0.528127	-1.89348	0.0122298	0.280557	3.48971														
ogi1513925	CYP4F12	0.000191646	0.0144879	0.737522	1.27522	0.0462689	0.831712	-1.20234	0.000271107	0.617652	-1.61903	0.0565988	1.39026	1.39026	0.0154851	1.27085	1.27085														
ogi2581374	CYP4F12	0.00201109	0.00137419	0.162727	-6.14527	0.0181549	1.00983	0.00383	0.0013764	0.1553256	-6.43581	0.0185775	0.3644354	-2.74392	0.0013198	0.1540566	-6.49159														
ogi4068829	CYP4F12	0.0332334	0.0216039	0.141728	-7.05578	0.0399082	0.185971	-5.37717	0.270882	0.4440168	-2.25216	0.201962	0.385105	-2.5967	0.0159319	0.123616	8.08955														
ogi2824980	CYP4F12	0.0150264	0.0152534	0.336453	-2.97228	0.0436698	0.412124	-2.42652	0.0170707	0.2090704	-4.78344	0.0231209	0.3600213	-2.77683	0.0140215	0.2424	-4.12626														
ogi2483814	CYP4F2	0.00018771	0.992515	0.00119	0.0459795	0.620599	-1.61135	0.171104	0.8351675	-1.20239	0.0928814	0.597314	-1.67416	0.0100154	0.5439861	-1.83824	1.27344														
ogi2765190	CYP4F2	0.00339709	0.1474769	1.44356	1.44356	0.0174111	0.478956	-2.08787	0.0077812	0.4194244	-2.38422	0.92041	0.974908	-1.02574	0.0925433	0.624574	-1.60109														
ogi5358291	CYP4F2	0.0070582	0.0080824	0.342344	-2.91885	0.0128579	0.2163	-4.62385	0.0064451	0.1004646	-10.0175035	0.0027342	0.1064643	-9.39401	0.0027342	0.1064643	-9.39401														
ogi2763815	CYP4F2	0.00015434	0.0894544	0.758902	-1.31769	0.102804	0.30079	-3.30079	0.116699	0.777922	-1.28548	1.16E-05	0.394557	0.93457	0.0173368	0.77834	1.28479														
ogi8840287	CYP4F2	0.00217464	0.0873533	0.7425	-1.34683	0.0971329	0.57109	-1.57109	0.0746235	0.4752152	-2.10454	0.0178557	0.3436877	-2.90971	0.0039153	0.6760497	1.47911														
ogi9062489	CYP4F22	0.00394679	0.0690711	0.802393	-1.24627	0.0003467	1.86422	1.86422	0.307798	0.892033	-1.12103	0.119208	0.832763	-1.20082	0.232805	0.873359	3.145														
ogi0421632	CYP4F22	0.00766168	0.956368	1.01294	1.01294	0.0012492	0.329935	-3.0309	0.208004	0.731937	-1.36624	0.0414658	0.339673	-2.94401	0.0289022	0.381763	-2.61943														
ogi4782244	CYP4F22	0.0132682	0.382024	1.84866	1.84866	0.0758393	0.21863	-4.57425	0.0222807	0.2128447	-4.69916	0.0176958	0.2796558	-3.57662	0.0113118	0.1888	-5.29642														
ogi4815685	CYP4F22	0.0205949	0.0413832	0.467824	-2.13755	0.0222703	0.412865	-2.4221	0.216352	0.656979	-1.52212	0.233724	0.668217	-1.49652	0.0184009	0.3971	-2.51826														
ogi2393887	CYP4F22	0.0161802	0.0519553	0.6	-1.66667	0.36176	0.176576	-5.66057	0.0222	0.132002	0.209515	0.4386	0.6641334	0.1938	0.193778	0.5178	1.93078														
ogi0496421	CYP4F3	1.22E-05	0.0607739	0.583604	-1.71349	1.91E-05	0.109332	-9.14643	5.86E-05	0.150139	-6.66048	0.0657004	0.590859	-1.69245	4.34E-06	0.0678184	14.8851														
ogi2706768	CYP4F3	0.00059258	0.0495324	0.534107	-1.87256	0.0518734	0.197773	-5.05592	0.0023097	0.2243838	-4.45816	0.0092656	0.3656349	-2.73459	0.0046404	0.2709703	-4.40111														
ogi2745599	CYP4F3	0.0388584	0.0349711	0.31261	-3.19887	0.0564377	0.959845	-2.77897	0.0232724	0.227122	-4.40238	0.160407	0.3756	-2.66352	0.0154495	0.245098	-4.07999														
ogi8662454	CYP4F8	7.78E-07	0.00510662	0.773159	-1.29306	0.271926	0.923639	-1.08267	1.19E-06	0.446247	-2.15299	0.334025	1.07166	1.07166	1.34E-06	0.25639	-3.90031														
ogi8550407	CYP4F8	0.0300325	0.122301	0.5	-2.00002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001														
ogi2363824	CYP4F2	0.00030496	0.00398234	0.609982	-1.63939	0.91223	1.00968	1.00968	0.447441	1.07002	1.07002	0.972534	0.996995	-1.00301	3.87E-05	0.502026	1.99193														
ogi1896622	CYP4F2	0.00057778	0.432636	0.865465	-1.15529	0.676745	0.0004	0.0004	-3.56332	0.108971	0.2090704	0.731937	-1.36624	0.0414658	0.339673	-2.94401	0.0289022	0.381763	-2.61943												
ogi7270196	CYP4F2	0.0417818	0.381357	1.612501	1.612501	0.0779713	0.294203	-3.39999	0.0516784	0.43532	-2.29707	0.0344543	0.433758	-2.30655	0.0344543	0.433758	-2.30655														
ogi1996330	CYP4F2	0.0129569	0.212772	1.45513	1.45513	0.153352	1.54809	1.54809	0.137458	1.57973	1.57973	0.46505	1.23958	1.23958

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105 vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111 vs. N)	p-value(112T vs. N)	Fold-Change(112 vs. N)	p-value(121T vs. N)	Fold-Change(121 vs. N)	p-value(121T vs. N)	Fold-Change(121 vs. N)	p-value(347T vs. N)	Fold-Change(347 vs. N)	p-value(353T vs. N)	Fold-Change(353 vs. N)	p-value(537T vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg04768595	CYTH1;CYTH1	0.0224796	0.105037	-1.58517	-1.70496	0.2269488	0.454228	-2.20154	0.0380151	0.4845553	0.240676	0.4803503	0.144879	0.2467942	0.522333	-1.91449	0.298831	0.722565	-1.38396	0.0018862	0.265272	-3.76972	0.2045403	1.49663	0.3617442	0.753974	-1.32631	4.52033	0.490592	1.227737	1
cg04878851	CYTH1;CYTH1	0.0255975	0.809333	1.03571	1.033571	0.0386853	1.41558	1.415558	0.820919	0.9676271	-1.03346	0.808235	1.035902	1.03926236	0.558705	-1.78985	0.0592406	1.36223	1.36223	0.78397	0.960898	-1.04069	0.0300295	0.690433	-1.44837	0.791324	0.962241	-1.03924	4.321154	1.444191	0.296584	1
cg11859594	CYTH1;CYTH1	0.0115724	0.0432317	0.2511038	-3.98235	0.0295892	0.218246	-4.58198	0.0096761	0.142928	-6.99652	0.132561	0.381182	-2.62342	0.00838252	0.13514	-7.39973	0.0926147	0.332945	-1.0035	0.0170095	0.177407	-5.63675	0.0601005	0.283574	-3.52642	0.0048576	0.262143	-3.81471	4.013114	22.4454	4.97154	1
cg02590401	CYTH2;CYTH2	0.0029473	0.0054631	0.135067	-7.3696	0.0146418	5.15333	5.153333	0.00236118	10.1125	10.1125	0.0287623	0.08344	4.08344	0.0136791	5.27743	5.27742	0.63908	0.772842	-1.29393	0.3132931	3.8851	3.8851	0.00455319	7.856621	7.856621	0.0528507	1.32171	3.32171	8.60283	40.546	4.18942	1
cg10121434	CYTH2;CYTH2	0.00587499	0.0834413	1.56965	1.569565	0.986049	0.996041	-1.00397	0.171852	0.7501931	-1.40807	0.384021	0.792798	-1.26136	0.000157289	0.218397	4.57881	0.665622	0.902754	-1.10772	0.406932	0.819048	-1.22093	0.0281161	0.543248	-1.84078	0.188233	1.38828	0.194838	6.124408	0.179402	1
cg10602468	CYTH2;CYTH2	0.00979058	0.0243911	0.358461	-2.78897	0.118727	1.90881	1.90881	0.00315586	4.66452	4.66452	0.674225	0.850959	-1.17515	0.11424	0.510006	-1.96025	0.0222667	0.3514	-2.84576	0.0538738	0.433646	-2.30603	0.300094	1.5067	1.5067	0.1454411	1.81615	1.81615	5.950273	13.7341	2.205153	1
cg18600510	CYTH2;CYTH2	0.0104063	0.0018578	0.571428	-1.75	0.0178202	0.694211	-1.44048	0.0125193	1.48231	1.48231	0.566004	0.929123	-1.07628	0.438012	0.904622	-1.10543	0.0536531	0.757558	-1.32003	0.0777745	0.78005	-1.28197	0.309686	1.14248	1.14248	0.7474001	1.0418	1.0418	5.83569	1.48389	0.226026	1
cg08485893	CYTH2;CYTH2	0.0106682	0.604644	1.56942	1.026942	0.8130555	0.970439	-1.03047	0.2413199	1.16813	1.16813	0.0891991	1.26826	1.26826	0.237626	1.1697	1.1697	0.0118562	0.673802	-1.4883	0.0010476	0.370729	-1.75123	0.0217687	1.41756	1.41756	0.654713	0.944559	-1.05869	5.7803	1.47205	0.226018	1
cg14006390	CYTH2;CYTH2	0.0231507	0.533338	0.945571	-1.05756	0.654775	0.962061	-1.03894	0.0085752	1.44653	1.44653	0.294464	1.09126	1.09126	0.133156	1.24686	1.24686	0.7822398	1.02488	1.241224	0.928173	-1.07739	0.00196586	1.47416	1.47416	0.235491	1.1166	1.1166	5.474777	0.557676	0.110779	1
cg22331740	CYTH2;CYTH2	0.0241108	0.0251226	0.232926	-4.29322	0.0058743	7.1848	7.1848	0.0506954	3.37985	3.37985	0.384704	1.62822	1.62822	0.159845	2.27388	2.27388	0.3313392	0.578014	-1.73006	0.137849	2.39644	2.39644	0.0386962	3.70466	3.70466	0.2436642	1.94892	1.94892	4.41235	20.9073	4.21188	1
cg04452181	CYTH2;CYTH2	0.0269891	0.0018266	0.239736	-4.17333	0.0076324	1.54133	1.541333	0.0023495	2.68414	2.68414	0.0542421	1.54005	1.54005	0.0284636	1.57605	1.57605	0.5399348	0.685135	-1.45957	0.4243562	1.64092	1.64092	0.0622301	3.049707	3.049707	0.1780227	1.78027	1.78027	4.24226	24.9018	5.21772	1
cg15246590	CYTH2;CYTH2	0.0297397	0.0273669	0.343469	-2.91147	0.102436	0.078158	2.078558	0.0640688	2.34404	2.34404	0.503347	1.32056	1.32056	0.0314124	2.8106	2.8106	0.5799373	0.795436	-1.25717	0.0372148	2.69171	2.69171	0.0167971	3.30251	3.30251	0.2622243	1.61381	1.61381	4.09949	10.8831	2.35977	1
cg01533436	CYTH2;CYTH2	0.034536	0.0691131	0.332445	-4.80203	0.182252	2.98072	2.980272	0.0443997	6.00214	6.00214	0.0199109	6.24738	6.24738	0.139686	3.40798	3.40798	0.7992858	1.25122	1.854222	0.2484229	19.0663	19.0663	0.117424	3.0497	3.0497	0.3484274	1.88421	1.88421	36.6336	8.37889	1
cg12514154	CYTH2;CYTH2;CYTH2;CYTH2	0.0134698	0.0547994	-1.509996	-1.7544	0.0746919	1.66998	-1.66998	0.7342715	0.956601	-1.09099	0.0033914	0.357717	-2.79551	0.0449991	1.71313	1.71313	0.9356581	1.02016	1.02016	0.580799	1.15482	1.15482	0.1888515	1.42192	1.42192	0.4133232	0.09056573	1.61808	1.61808	4.023329	4.24392	0.937634	1
cg15015722	CYTH3	0.000180019	0.185846	0.845652	-1.18252	0.127371	0.821164	-1.21778	0.384491	0.898915	-1.11245	0.851667	1.02262	1.02262	0.96.E-06	2.22870	-4.37082	0.774318	0.966225	-1.03496	0.0134326	0.695261	-1.44171	0.33151	0.88715	-1.1272	0.430865	0.90388	1.10086	18.90925	4.2761	0.201084	1
cg14991562	CYTH3;CYTH3	0.000312633	0.0365474	0.73187	-1.29221	0.0080554	0.559334	-1.48482	3.05E-05	0.429726	-2.36253	0.734753	0.964758	-1.03653	0.687955	1.04352	1.04352	0.0139447	0.777738	-1.28578	0.0308804	0.160564	1.69228	0.096108	1.21263	1.21263	0.46005	0.92371	1.08259	36.6254	2.80045	0.156704	1
cg17832858	CYTH3;CYTH3	0.00070376	0.911844	1.03021	1.030213	0.0487879	1.83091	1.83091	0.0385954	1.90396	1.90396	0.00353162	0.345426	-2.89498	0.000986595	0.268181	-3.72883	0.0050147	0.368678	-2.7124	0.00889936	3.80227	3.80227	0.0143917	2.24972	2.24972	0.3633345	0.777956	-1.28542	12.9914	14.8631	1.01695	1
cg21622555	CYTH3;CYTH3	0.000838551	0.989337	1.00696	1.00696	0.2720667	1.73797	1.73797	0.2277	0.6639984	1.55474	1.55474	0.0196087	1.85025	1.85025	0.8555531	0.961602	-1.03964	0.601521	1.11886	1.11886	0.0041865	0.4381552	-2.28231	3.46E-05	0.379714	-5.56439	0.0579465	0.631522	-1.58322	12.3671	8.99984	0.646868	1
cg09121485	CYTH3;CYTH3	0.0298284	0.647495	1.07487	1.07487	0.45777	0.888179	-1.1259	0.0121541	1.61448	1.61448	0.162739	0.8447799	1.183591	0.0155112	1.92626	1.92626	0.0194448	0.777819	-1.28578	0.0308804	0.484585	0.0193933	-1.07074	0.0055872	0.565131	-1.7695	0.579363	1.348496	0.346241	1.670594	1
cg14995774	CYTH3;CYTH3	0.00400368	0.0000600	0.395647	-2.52751	0.95059	0.992472	-1.00759	0.51689	0.8912611	-1.12201	0.0224401	0.477668	-2.0935	0.699779	0.934375	-1.07023	0.0032205	0.494518	-2.02217	0.063415	1.44146	1.44146	0.8493666	1.03387	1.03387	0.0633792	0.693697	-1.44155	7.85032	3.815529	0.432005	1
cg04107994	CYTH3;CYTH3	0.00874372	0.39743	1.808897	1.808897	0.1753209	1.09737	1.09737	0.1092523	0.473523	1.1941	1.1941	0.0105482	0.450973	2.2169	0.0731832	2.2169	0.0191353	0.501136	-1.99507	0.188793	1.40326	1.40326	0.0619079	2.44844	2.44844	0.923278	1.02372	1.02372	6.16861	5.78003	0.833616	1
cg12952446	CYTH3;CYTH3	0.00925105	0.810119	0.954004	-1.06906	0.0614195	1.79425	1.79425	0.912703	0.970035	-1.03089	0.016607	0.45736	-2.18646	0.000390578	0.252629	-3.95838	0.625864	0.872572	-1.14604	0.0102997	0.407085	-2.45188	0.255054	1.39049	1.39049	0.126243	0.631959	1.58238	0.05919	7.38532	1.08343	1
cg13337651	CYTH3;CYTH3	0.00960051	0.1225258	0.61453	1.643268	0.2102547	1.67757	1.67757	0.1533537	0.6538254	1.53007	1.53007	0.0148084	0.4146	2.41256	0.0144399	2.41256	0.0794137	0.3864	-2.58804	0.0140885	0.414439	0.414439	0.0146424	2.41416	2.41416	0.7842043	1.27494	1.27494	6.02488	1.38019	0.230502	1
cg00512873	CYTH3;CYTH3	0.0121759	0.365639	0.63633	-1.57151	0.00235487	0.126989	-7.87467	0.00074104	0.0827862	-12.0793	0.0471783	0.331376	-3.01772	0.744665	0.853057	-1.17225	0.0742967	0.380164	-2.63044	0.0266137	0.278623	-3.58908	0.224398	0.537593	-1.86014	0.17763	0.498211	2.00718	5.547233	20.7787	3.32958	1
cg26774430	CYTH3;CYTH3	0.020165	0.704204	1.06636	1.066636	0.0462107	0.530109	-1.88672	0.832503	1.01572	1.03572	0.0486307	0.68426	-1.46143	0.00579233	0.543935	-1.83845	0.351593	0.850784	-1.17526	0.044756	1.01174	0.401091	1.49009	1.49009	0.126243	0.631959	1.58238	0.05919	6.42044	2.10853	0.399503	1
cg11248491	CYTH3;CYTH3	0.0203803	0.0360302	0.737282	-1.35625	0.25094	1.33838	1.95163	0.5225904	1.03819	1.03819	0.0842004	0.81244	-1.23067	0.0442002	0.551459	-1.81307	0.634046	0.877007	-1.14055	0.0090502	0.591429	1.69082	0.071876	0.756164	-1.32247	0.440851	1.2405	0.272113	1.24205	0.272113	1
cg14797004	CYTH3;CYTH3	0.0314308	0.0466328	0.416986	-2.39816	0.183504	0.581372	-1.71904	0.0216402	0.346906	-2.88262	0.206436	0.599528	-1.66798	0.00124653	0.163553	-6.11423	0.2435393	0.625997	-1.59745	0.0981876	0.498385	-2.00648	0.729961	1.14229	1.14229	0.1424046	0.545519	-1.83312	4.019559	9.38327	2.07501	1
cg13562102	CYTH3;CYTH3	0.0102656	0.0181168	0.554049	-1.80509	0.3203843	1.50446	1.504461	0.0099312	2.13327	2.13327	0.2867959	1.50446	1.504461	0.0124004	2.03893	2.03893	0.0409146	0.490151	-2.04008	0.0124004	2.038933	-4.60182	0.0990944	-1.0015	0.0870559	0.473938	0.902	0.902	9.97164	2.19851	0.219851	1
cg01251566	CYTH3;CYTH3	0.0337593	0.00944512	-1.585729	-1.70727	0.923018	1.81584	1.015842	0.9171952	0.983223	-1.01706	0.323616	1.18073	1.18073	0.409768	1.14716	1.14716	0.0099146	0.341666	-2.92741	0.0148504	0.183042	1.83042	0.531488	1.10856	1.10856	0.4461565	0.882237	-1.13348	3.917186	1.640868	0.372239	1
cg17681447	CYTH3;CYTH3	0.0160434	0.1839934	1.6314	1.6314	0.0195307	2.66441	2.66441	0.675338	1.1575	1.1575	0.508919	0.792424	-1.26195	0.00645023	0.292307	-3.42107	0.2625546	0.666569	-1.50022	0.8414912	1.072	1.072	0.858849	2.09785	2.09785	0.732109	0.887532	-1.12672	3.826167	7.305707	1.69727	1
cg05986052	CYTH3;CYTH3	0.0158232	0.0001744	-1.25734	-2.5234	0.0147389	1.29753	1.297533	0.0125848	1.65585	1.65585	0.210761	0.9768986	-1.02343	0.0158768	1.64014	1.64014	0.0509182	0.2437	-4.10393	0.0071832	0.244027	0.244027	0.0170644	4.10161	4.10161	0.5532062	0.881553	1.13455	0.0153	1.16162	0.153	0.712592	1
cg22691505	CYTH3;CYTH3	0.0455834	0.106242	0.820189	-1.21923	0.0142615	0.712035	-1.40443	0.22678	0.868274	-1.15326	0.0744583	1.25021	1.25021	0.006338	0.670759	1.49085	0.774747	0.968274	-1.03277	0.560702	0.936034	-1.06834	0.355182	0.89864	-1.11279	0.902751	0.986359	-1.01383	5.08551	0.707152	0.177748	1
cg19751930	CYTH3;CYTH3	0.0238317	0.108097	-1.4262	1.426204	0.0277561	0.907761	0.90443	0.5533084	0.8744205	-1.14357	0.0149123	0.453653	2.204677	0.0004567	2.205031	2.205031	0.0004567	0.2205	-4.53515	0.0004567	0.205031	0.205031	0.0004567	4.87377	4.87377	0.0004567	0.205031	-4.87771	0.0004567	0.205031	-4.87771	1
cg21736592	CYTH4	0.00735635	0.0310039	0.347365	-2.87882	0.452971	0.7267	-1.37608	0.00208016	0.163728	-6.1077	0.00759463	0.238442	-4.19389	0.02071	0.3138	-3.18745	0.1034312	0.475329	-2.10381	0.00122474	0.13877	-7.20616	0.0142394	0.282938	-3.53434	0.0227956	0.32052	3.11993	6.51332	17.9865	2.45466	1
cg13767306	CYTH4	0.0279494	0.085696	0.590407	-1.69375	0.0249541	0.311733	-3.20787	0.0584677	0.552612	-1.80959	0.0243417	0.474973	-2.10538	0.0104757	0.409092	-2.44644	0.8331099	0.943172	-1.06025	0.722958	0.907667	-1.10173	0.379787	0.778839	-1.28396	0.0445965	0.52742	-1.89602	4.190645	5.10785	1.08345	1
cg20066188	CYTH4	0.0184866	0.113246	0.6944	1.440092	0.1631209	1.63189	1.63189	0.1575351	0.6424923	1.55693	1.55693	0.0164434	0.412198	-2.31858	0.0820002	2.42451	0.0224004	0.4124	-2.42483	0.0133937	0.241404	0.241404	0.0133937	4.16426	4.16426	0.5844142	0.877259	1.14021	0.0133	1.15802	0.133	0.684353	1
cg03178159	CYTH4	0.0443127	0.0165158	0.274704	-3.64028	0.1004	0.452029	-2.21225	0.0682964	0.406365	-2.46084	0.0106532	0.242555	-4.12279	0.0701647	0.409391	-2.44265	0.0957103	0.446054	-2.24188	0.016973	0.276819	-3.61247	0.0278847	0.317827	-3.14636	0.346409	0.651966	-1.53382	3.545888	10.9298	2.73989	1
cg15348974	CYTH4;CYTH4	0.0182588	0.114329	0.6944	1.440092	0.1978731	1.34744	1.84045	0.0115233	9.39871	9.39871	0.125383	2.27287	2.27287	0.101611	2.42822	2.42822	0.818276	0.8923329	1.12066	1.12066	0.3936524	1.38784	1.38784	0.594373	1.73324	1.73324	0.0833985	2.58208	2.58208	6.52571	14.0699	3.44943	1
cg19506253	CYTP	0.00019274	0.129935	0.733435	-1.36345	0.00877813	0.388267	-2.57555	0.00229775	0.445948	-2.24201	0.000309559	0.32978	-3.03233	0.0145154	0.565145	-1.76946	0.675716	0.923366	-1.08299	0.946.06	0.130888	-7.62006	0.020574	0.909763	-1.09919	0.0683511	0.769263	1.472158	10.5553	0.505623	1
cg01559416	CYTP	0.00094679	0.0224063	0.541429	-1.84696	0.0966462	0.769906	-1.29886	0.000653604	0.472827	-2.11494	0.00653106	0.602503	-1.65974	0.000381925	0.443441	-2.25509	0.0372734	0.707086	-1.41426	0.0202287	0.66934	-1.49401	0.014821	1.53696	1.53696	0.007681370	0.61192	-1.6342	11.8181	3.84736	0.289375	1
cg21778677	CYTP	0.0268357	0.0463872	0.4611	-2.16857	0.1007086	0.767707	-1.30297	0.0009655	0.4844624	-2.06437	0.000316	0.6666	-1.50075	0.000128926	0.299333	-3.34093	0.1504211	0.4824	-2.07301	0.0118887	0.240004	-4.16667	0.0099909	-1.0015	0.0870559	0.473938	0.902	0.902	9.97164	2.19851	0.219851	1
cg10695647	CYTL1	0.00109534	0.082899	0.754581	-1.32506	0.0990115	0.767129	-1.30356	0.911498	0.983835	-1.01643	0.00340141	0.429134	-2.33028	0.0143104	0.16489	-6.06677	0.1164489	0.4124	-2.42483	0.0133937	0.241404	0.241404	0.0133937	4.16426	4.16426	0.5844142	0.877259	1.14021	0.0133	1.15802	0.133	0.684353	1
cg17568034	CYTP1	0.0273035	0.0739705	0.6944	1.440092	0.1631209	1.63189	1.63189	0.1575351	0.6424923	1.55693	1.55693	0.0164434	0.412198	-2.31858	0.0820002	2.42451	0.0224004	0.4124	-2.42483	0.0133937	0.241404	0.241404	0.0133937	4.16426	4.16426	0.5844142	0.877259	1.14021	0.0133	1.15802	0.133	0.684353	1
cg04887807	CYTL1	0.0184094	0.0525119	0.375224	-3.63341	0.203939	0.206674	-4.83855	0.823197	0.877252	-1.13992	0.0819928	0.322888	-3.09705	0.0093845	0.145508	-6.87246	0.1363555	0.390948	-2.55789	0.005905	0.125158	-8.22926	0.0092441	0.143339	-6.97649	0.0095476	0.146473	-6.82721	4.838435	26.2431	4.82131	1
cg06097271	CYTL1	0.0274619	0.371469	0.928448	-1.86273	0.176967	0.727344	-2.64729	0.0294153	0.764653	-1.30984	0.421271	0.574712	-1.74009	0.0128353	0.290902	-3.43893	0.1504211	0.4824	-2.07301	0.0118887	0.240004	-4.16667	0.0099909	-1.0015	0.0870559	0.473938	0.902	0.902	9.97164	2.19851	0.219851	1
cg12325282	CYTL1	0.0259271	0.0446226	0.705435	-1.41755	0.0244731	0.344324	-2.90409	0.063081	0.5388302	-1.85596	0.0199051	0.509105	-1.96405	0.0145958	0.691901	-1.44571	0.0853001	0.307749	-3.2494	0.0116287	0.141722	-7.05606	0.0092912	0.129448	-7.72513	0.4763	1.21237	0.176483	23.6465	5.402666	1
cg01114088	CYTL1	0.0331236	0.0289367	0.221483	-4.51501	0.06296	0.293927	-3.4022	0.0391152	0.247216	-4.04505	0.226421	0.47548	-2.10314	0.0344769	0.236111	-4.2353	0.176128	0.430914	-2.32065	0.0085099	0.14008	-7.13877	0.0174097	0.183661	-5.44482	0.0118816	0.159137	-6.2839	3.94475	21.4047	4.82322	1
cg24964536	CYTL4;CYTSA	0.0135195	0.758199	1.08555	1.085551	0.1012185	1.01285	1.012851	0.9.E-06	2.14328	2.14328	0.0.E+00	1.39003	1.39003	0.0.E+00	1.74583	1.74583	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	1
cg03976468	CYSTA;CYSTA	0.0342086	0.023292	0.647663	-1.54401	0.0115858	0.65814	-1.51814	0.406984	1.14557	1.14557	0.888605	1.02271	1.02271	0.023784	0.649017	-1.54079	0.506475	1.11404	1.11404	0.198	1.24356	1.24356	0.822511	0.964645	-1.03665	0.180428	0.796224	-1.25593	3.899233	1.58512	0.361353	1
cg13619628	CYTSA;CYTSB	0.0440584	0.54364	0.91162	-1.09695	0.0758838	1.815811	1.815811	0.38151	0.00314049	1.83555	1.83555	0.1634821	0.796453	-1.2507	0.8013288	0.964801	-1.03663	0.197313	0.814538	-1.22754	0.664862	0.975453	-1.0252	0.822482	1.00458	1.00458	0.123694	1.28506	1.28506	5.384615	2.184643	0.318545	1
cg05443545	CYTSA;CYTSB	0.1158	0.003107778	0.3.E+00	0.3.E+00	0.0506049	0.305844	-3.26964	0.0434364	0.511216	-1.21321	0.0515757	0.307593	-3.25105	0.003107332	0.0764897	-13.0736	0.7475542	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	0.3.E+00	1
cg25070565	CYTSB;CYTSB	0.0190946	0.0354907	0.471165	-2.1224	0.954133	0.10784	-10.1784	0.395625	0.765342	-1.30661	?	?	?	0.000747075	0.207442	-4.82062	0.370716	0.75385	-1.32652	0.012591	0.598252	-1.67154	0.519901	0.818299	-1.22205	0.0206256	0.424022	-2.35837	4.835131	6.40619	1.33038	1
cg25266973	CYTSB;CYTSB	0.0223935	0.0734548	0.6944	1.440092	0.1631209	1.63189	1.63189	0.1575351	0.6424923	1.55693	1.55693	0.0164434	0.412198	-2.31858	0.0820002	2.42451	0.0224004	0.4124	-2.42483	0.0133937	0.241404	0.241404	0.0133937	4.16426	4.16426	0.5844142	0.877259	1.14021	0.0133	1.15802	0.133	0.684353	1
cg21045385	CYTSB;CYTSB	0.0229067	0.0313076	0.619685	-1.61372	0.0249617	1.65762	1.65762	0.13017	0.733691	-1.36297	0.221979	0.78415	-1.27527	0.820202	0.957791	-1.04407	0.0843414	0.696484	-1.43578	0.7787	0.948031	-1.05482	0.0149659	1.76249	1.76249	0.0694435	0.680646	-1.46919	4.425362	2.515151	0.505199	1
cg20117577	CYTSB;CYTSB	0.0417385	0.240667	0.544413	-1.83684	0.0105023	0.93871	-1.06521	0.0.E+00	0.727344	-2.64729	0.0294153	0.764653	-1.30984	0.421271	0.574712	-1.74009	0.0128353	0.290902	-3.43893	0.2.E-06	0.418276	0.290902	-3.43893	0.2.E-06	0.418276	0.290902	-3.43893	0.2.E-06	0.418276	0.290902	-3.43893	0.2.E-06	0.418276	1
cg01009635	CYTSB;CYTSB	0.0451737	0.114793	0.60326	1.660326	0.2304403	0.01757	2.017577	0.355752	0.588628	-1.69887	0.0506851	0.346329	3.46329	0.209573	0.478167	2.09132	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	1
cg24566615	CYTSB;CYTSB	0.0493309	0.00772147	0.408274	-2.44934	0.0193141	0.476898	-2.09689	0.923483	0.975167	-1.02547	0.138756	0.658926	-1.51762	0.664243	0.580267	-1.72334	0.4524698	1.22182	1.22182	0.217742	0.712192	-1.40411	0.409005	0.801685	-1.24737	0.0227998	0.490061	-2.04056	3.40551	3.69554	0.964589	1
cg21880149	CYTSB;CYTSB	0.1.E-05	0.1.E-05	0.3.E+00	-3.3.E+00	0.1.E-05	1.01285	1.012851	0.1.E-05	2.14328	2.14328	0.1.E-05	1.7715	0.000582503	0.749175	1.33435	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1
cg25563067	CYTSB;CYTSB	0.0008263	0.030856	0.879921	-1.13647	0.02657	0.71523	-1.39815	0.125079	1.23575	1.23575	0.879256	0.980805	-1.01957	0.985914	1.00225	1.00225	0.0003875	0.489805	-2.05766	0.0016539	1.226692	2.26692	0.009396	0.657158	1.5217	0.462506	1.0005	1.10005	12.4182	3.19705	0.228843	1
cg09532676	CYTSB;CYTSB	0.0559265	0.771878	0.95202	-1.05007	0.5.E-01	0.144473	0.1.E-05	0.1.E-05	0.1.E-05	1.4018	1.4018	0.1.E-05	2.16182	0.765355	1.2819	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1.39757	0.0.E+00	1.39757	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18229457	DAB1	0.00619331	0.301161	0.838346	-1.19282	0.788628	1.04522	1.04522	0.525333	0.899485	-1.11175	0.0969048	0.740884	-1.34974	0.287488	1.19934	1.19934
cg04910179	DAB1	0.00674855	0.0039029	0.19355	-5.16661	0.00229199	0.164988	-6.06104	0.00673203	0.226469	-4.41562	0.0382877	0.362479	-2.75878	0.00864534	0.242931	-4.11639
cg08889243	DAB1	0.00726023	0.288454	0.821282	-1.21761	0.296675	0.82422	-1.21327	0.0195629	0.604065	-1.65545	0.00116291	0.426509	-2.34461	0.0426511	0.659044	-1.51735
cg04344730	DAB1	0.00844409	0.00662606	0.209596	-4.77108	0.00134313	0.126713	-7.89182	0.0199152	0.287681	-3.47608	0.0693179	0.406193	-2.46188	0.0132139	0.256187	-3.9034
cg05375728	DAB1	0.0137231	0.102308	1.28328	1.28328	0.19738	0.826881	-1.20936	0.00411691	0.584595	-1.71059	0.880015	0.979148	-1.0213	0.00257341	0.558198	-1.79148
cg20160351	DAB1	0.0175138	0.430538	0.655896	-1.52463	0.000453271	0.0551889	-18.1196	0.012442	0.195856	-5.1058	0.881308	0.924671	-1.08147	0.0491205	0.308093	-3.24577
cg24484905	DAB1	0.0220068	0.183869	0.645821	-1.54842	0.0228897	2.32626	2.32626	0.418948	0.774044	-1.29192	0.728124	1.1143	1.1143	0.00168892	0.248672	-4.02136
cg19717595	DAB1	0.0236177	0.0412016	0.608305	-1.64391	0.360774	1.21931	1.21931	0.0247174	1.75831	1.75831	0.442056	0.847527	-1.1799	0.48983	1.15957	1.15957
cg01055518	DAB1	0.0236694	0.0553492	0.670485	-1.49146	0.358854	1.18964	1.18964	0.0399505	0.645959	-1.54808	0.752387	0.943411	-1.05998	0.0612881	0.678348	-1.47417
cg08724028	DAB1	0.0299722	0.961279	0.979539	-1.02089	0.0421499	0.369008	-2.70997	0.0198586	0.301982	-3.31145	0.029365	0.335289	-2.9825	0.0183324	0.295541	-3.38362
cg07201450	DAB1	0.0302984	0.0336494	0.44009	-2.27226	0.138422	1.695	1.695	0.695204	1.13912	1.13912	0.736698	1.1181	1.1181	0.0382212	0.451784	-2.21345
cg15574705	DAB1	0.0384891	0.588598	0.882843	-1.1327	0.0754307	1.5709	1.5709	0.154824	1.41547	1.41547	0.864935	0.961897	-1.03961	0.0975091	0.660402	-1.51423
cg08458292	DAB1	0.0399024	0.938182	0.964796	-1.03649	0.0226881	3.52682	3.52682	0.00798593	4.8113	4.8113	0.809835	1.11783	1.11783	0.408048	0.676375	-1.47847
cg01421140	DAB1	0.0449856	0.733697	1.09686	1.09686	0.113281	0.62714	-1.59454	0.643277	1.13458	1.13458	0.0271755	2.02967	2.02967	0.755111	1.0884	1.0884
cg26345888	DAB1	0.0456729	0.121288	0.495306	-2.01895	0.00948211	3.95385	3.95385	0.468973	1.36089	1.36089	0.446624	0.72294	-1.38324	0.183658	0.554356	-1.80389
cg13691257	DAB1;MIR548D2	0.0288857	0.342791	0.644242	-1.55221	0.00094399	0.108784	-9.19252	0.013397	0.252136	-3.96612	0.412127	0.68575	-1.45826	0.277042	0.601349	-1.66293
cg22525715	DAB1;MIR548D2	0.0293421	0.0288107	0.35859	-2.7887	0.00545254	0.233574	-4.28129	0.105937	0.495351	-2.01877	0.0131474	0.294292	-3.39798	0.0262233	0.350289	-2.85479
cg02058215	DAB1;MIR548D2	0.0423434	0.307685	0.672903	-1.4861	0.242414	0.631922	-1.58247	0.0780803	0.479761	-2.08437	0.115222	1.90125	1.90125	0.00530387	0.251946	-3.9691
cg17576603	DAB2	0.00642521	0.0100918	0.546684	-1.82921	0.191595	0.773226	-1.29328	0.000362247	0.345217	-2.89673	0.556345	1.11704	1.11704	0.630285	0.91373	-1.09442
cg07566931	DAB2	0.0100564	0.664514	0.790424	-1.26514	0.708294	0.816625	-1.22455	0.451084	0.661098	-1.51264	0.904457	0.937329	-1.06686	0.00116511	0.0765499	-13.0634
cg18264728	DAB2	0.0283607	0.0600688	0.306182	-3.26604	0.167117	0.439634	-2.27462	0.530373	0.701407	-1.42571	0.175605	0.447696	-2.23366	0.00501205	0.125953	-7.93949
cg25770096	DAB2	0.043569	0.966438	1.0212	1.0212	0.174598	2.0544	2.0544	0.730474	1.18818	1.18818	0.518413	0.72149	-1.38602	0.0427405	0.312553	-3.19946
cg07000467	DAB2;DAB2	0.00069462	0.000589168	0.486701	-2.05465	0.0589797	0.74883	-1.33542	7.63E-05	0.37811	-2.64474	0.168656	0.819592	-1.22012	0.00147186	0.53655	-1.86376
cg24015249	DAB2IP	0.000487476	0.042434	2.2033	2.2033	0.772533	0.906673	-1.10293	0.161394	1.6579	1.6579	0.00691633	0.306783	-3.25963	0.017476	2.65877	2.65877
cg14594187	DAB2IP	0.0013631	0.3066	1.67583	1.67583	0.890057	1.06979	1.06979	0.561404	1.33168	1.33168	0.000319343	0.0583053	-17.1511	0.108372	0.425554	-2.34988
cg13928417	DAB2IP	0.00139477	0.03316	2.98618	2.98618	0.714495	0.850948	-1.17516	0.316901	1.57542	1.57542	0.0011038	0.120895	-8.27166	0.953306	0.974604	-1.02606
cg13060154	DAB2IP	0.00212724	0.00707938	0.295206	-3.38747	0.00372666	0.253239	-3.94885	0.223924	0.638944	-1.56508	0.0044337	0.264156	-3.78564	0.00227048	0.223806	-4.46815
cg00488323	DAB2IP	0.0156906	0.77729	1.04047	1.04047	0.475505	1.10684	1.10684	0.0167658	1.50436	1.50436	0.0801836	1.31198	1.31198	0.00180945	1.85997	1.85997
cg24794433	DAB2IP	0.0172468	0.00814748	0.0980316	-10.2008	0.24505	0.434375	-2.30216	0.947518	0.955862	-1.04618	0.0858471	0.272049	-3.67581	0.0067626	0.0900491	-11.1051
cg27650175	DAB2IP	0.0195219	0.601265	1.07027	1.07027	0.702479	1.05067	1.05067	0.519205	1.0878	1.0878	0.0366759	0.731498	-1.36706	0.695029	0.950521	-1.05205
cg04661709	DAB2IP	0.022388	0.166136	1.87884	1.87884	0.00175181	6.71824	6.71824	0.0076507	4.32424	4.32424	0.599114	0.797281	-1.25426	0.680323	1.19356	1.19356
cg01305539	DAB2IP	0.0394941	0.00599101	0.440456	-2.27038	0.115791	1.47731	1.47731	0.114723	0.675997	-1.4793	0.0412599	0.584242	-1.71162	0.105705	0.668031	-1.49694
cg08128768	DAB2IP	0.0396916	0.019787	0.0921417	-10.8529	0.219793	0.335117	-2.98403	0.490128	0.552134	-1.81116	0.0661424	0.174392	-5.73422	0.0163574	0.0831775	-12.0225
cg14474791	DAB2IP	0.0398428	0.387486	1.21899	1.21899	0.0581423	1.61399	1.61399	0.00349019	2.42541	2.42541	0.835356	0.95454	-1.04762	0.0228826	0.544103	-1.83789
cg15686608	DAB2IP	0.0408535	0.0735258	0.323071	-3.0953	0.229003	0.489248	-2.04395	0.335577	0.569884	-1.75474	0.109733	0.37255	-2.68421	0.0108211	0.163235	-6.12615
cg16198315	DACH1;DACH1;DACH1	5.34E-06	0.747779	1.03193	1.03193	0.0747576	1.21329	1.21329	0.00168423	1.5485	1.5485	0.414265	1.08469	1.08469	0.617043	1.05033	1.05033
cg07061916	DACH1;DACH1;DACH1	3.00E-05	0.415154	0.879762	-1.13667	0.00177973	1.9821	1.9821	0.00542678	1.75548	1.75548	0.937567	0.988024	-1.01212	0.569488	1.09244	1.09244
cg13726218	DACH1;DACH1;DACH1	0.000193833	0.0628298	0.577582	-1.73136	9.91E-05	6.12305	6.12305	4.00E-05	7.83082	7.83082	0.537623	1.17783	1.17783	0.671812	0.894267	-1.11823
cg12247968	DACH1;DACH1;DACH1	0.00134007	0.0109214	0.694941	-1.43897	0.00788838	1.47438	1.47438	0.0030943	1.58587	1.58587	0.649872	1.05344	1.05344	0.942545	1.00824	1.00824
cg18542613	DACH1;DACH1;DACH1	0.0014907	0.00598581	0.701489	-1.42554	0.00377342	1.47072	1.47072	0.333054	0.906157	-1.10356	0.444029	0.925879	-1.08005	0.0254664	0.769471	-1.29959
cg11664313	DACH1;DACH1;DACH1	0.00166293	0.139047	0.747945	-1.337	0.0713234	1.44395	1.44395	0.370751	1.18251	1.18251	0.0893544	0.710586	-1.40729	0.0957021	0.716202	-1.39625
cg04496204	DACH1;DACH1;DACH1	0.0043401	0.878886	0.968875	-1.03213	0.13629	1.39494	1.39494	0.26379	0.785408	-1.27322	0.663318	0.913171	-1.09508	0.483575	0.862744	-1.15909
cg04545942	DACH1;DACH1;DACH1	0.00686007	0.0618803	1.5626	1.5626	0.00345634	0.430512	-2.32282	0.87266	0.966522	-1.03464	0.684419	0.916911	-1.09062	0.0363564	1.67614	1.67614
cg12776754	DACH1;DACH1;DACH1	0.00790202	0.236951	1.32366	1.32366	0.590882	1.13066	1.13066	0.0189651	0.525759	-1.90201	0.641053	1.11211	1.11211	0.000361016	0.274037	-3.64914
cg24152818	DACH1;DACH1;DACH1	0.0137415	0.594544	1.25994	1.25994	0.391114	1.45928	1.45928	0.191323	0.551541	-1.8131	0.123289	2.05044	2.05044	0.013232	0.266939	-3.74618
cg27363021	DACH1;DACH1;DACH1	0.0169834	0.0261147	0.597876	-1.67259	0.0579087	0.658508	-1.51859	0.00529354	0.488555	-2.04685	0.0124914	0.545736	-1.83239	0.276444	0.802034	-1.24683
cg09096054	DACH1;DACH1;DACH1	0.0232169	0.0823582	0.724566	-1.38014	0.00100725	0.441692	-2.26402	0.224769	0.807764	-1.23799	0.390585	0.863044	-1.15869	0.740179	0.945805	-1.0573
cg16183813	DACH1;DACH1;DACH1;DACH1;DACH1;DACH1	0.000201527	0.013163	1.97216	1.97216	0.0154346	1.92819	1.92819	3.64E-06	0.0909979	-10.9893	0.401721	1.20878	1.20878	0.422903	1.19822	1.19822
cg01311064	DACH1;DACH1;DACH1;DACH1;DACH1;DACH1	0.00704903	0.541541	0.845744	-1.18239	0.00307987	2.99912	2.99912	0.0236798	2.0797	2.0797	0.0523976	0.549888	-1.81855	0.225591	0.708217	-1.412
cg26413827	DACH1;DACH1;DACH1;DACH1;DACH1;DACH1	0.0204324	0.04276	2.97413	2.97413	0.054353	2.77412	2.77412	0.0633368	2.65355	2.65355	0.0207279	3.67469	3.67469	0.283412	1.68347	1.68347
cg25443545	DACH2;DACH2	0.000174936	0.000196165	0.0961948	-10.3956	0.0100016	0.2964	-3.37382	0.297677	1.49735	1.49735	0.00644578	0.265871	-3.76122	0.000269581	0.107066	-9.34
cg16259355	DACH2;DACH2	0.00128276	0.000106425	0.0149198	-67.0251	0.0559772	0.264222	-3.78469	0.660479	0.762048	-1.31225	0.0320343	0.213473	-4.68443	0.0178546	0.170317	-5.87141
cg27545072	DACH2;DACH2;DACH2	0.028876	0.435092	0.626688	-1.59569	0.0485252	0.266476	-3.75269	0.0416538	0.252054	-3.96741	0.0947548	0.340424	-2.93752	0.0068756	0.128276	-7.79568
cg19991689	DACT1;DACT1	2.10E-06	1.05E-06	0.494731	-2.0213	0.00105316	1.30595	1.30595	1.53E-05	1.63745	1.63745	2.90E-05	1.57145	1.57145	0.00362098	0.805016	-1.24221
cg16464144	DACT1;DACT1	0.000101445	0.0224508	1.1865	1.1865	0.0439805	0.86523	-1.15576	6.38E-05	1.58391	1.58391	0.00158599	1.32784	1.32784	0.000286301	1.44825	1.44825
cg14314529	DACT1;DACT1	0.000486939	0.647559	0.928429	-1.07709	0.00133397	0.471154	-2.12245	0.0126969	0.606707	-1.64824	0.0205029	1.56895	1.56895	0.0327822	1.49622	1.49622
cg14252569	DACT1;DACT1	0.000742586	0.330046	1.13614	1.13614	0.00439685	1.62078	1.62078	0.000394308	2.0479	2.0479	0.000170285	0.444095	-2.25177	0.527173	0.921862	-1.08476
cg21858516	DACT1;DACT1	0.00493898	0.0607147	0.711801	-1.40489	0.0260373	1.5291	1.5291	0.0178297	1.58893	1.58893	0.0024879	1.96574	1.96574	0.513827	0.899019	-1.11232
cg04216397	DACT1;DACT1	0.0126675	0.0992145	0.796682	-1.25521	0.301322	0.873992	-1.14418	0.296907	0.872833	-1.14569	0.254448	1.16143	1.16143	0.143661	0.820695	-1.21848
cg26850503	DACT1;DACT1	0.0230943	0.177681	0.776692	-1.28751	0.00310855	2.04126	2.04126	0.210011	1.26245	1.26245	0.0247399	1.60262	1.60262	0.0996166	1.37491	1.37491
cg05008070	DACT1;DACT1	0.0286702	0.0941747	0.439713	-2.27421	0.0164769	3.70013	3.70013	0.00590549	4.9935	4.9935	0.620782	1.24942	1.24942	0.329922	0.638321	-1.56661
cg14627175	DACT2	1.73E-06	0.00142212	0.644988	-1.55042	0.00871191	0.727935	-1.37375	0.00106501	0.631575	-1.58334	0.0134152	0.747612	-1.33759	0.511142	0.93865	-1.06536
cg21952528	DACT2	1.04E-05	0.000436027	0.442763	-2.25854	0.0829739	0.754785	-1.32488	7.57E-05	0.349205	-2.86365	0.000596487	0.45999	-2.17396	0.00154132	0.512938	-1.94955
cg24966702	DACT2	0.000109449	0.688542	1.03829	1.03829	0.23735	0.890981	-1.12236	0.0260232	0.781661	-1.27933	4.42E-05	0.485845	-2.05827	0.143576	1.15783	1.15783
cg12256206	DACT2	0.00156953	0.0169119	1.97122	1.97122	0.00927774	2.15743	2.15743	0.310595	1.27681	1.27681	0.989677	1.00302	1.00302	0.028597	1.82497	1.82497
cg21223803	DACT2	0.00260461	0.791705	0.980214	-1.02019	0.00655355	0.765945	-1.30558	0.00222315	0.723587	-1.382	0.185008	0.899302	-1.11197	0.104174	0.874476	-1.14354
cg02825171	DACT2	0.00382707	0.875622	0.989217	-1.0109	0.910729	0.992267	-1.00779	0.638984	0.967825	-1.03324	0.199199	1.09844	1.09844	0.0140438	1.23354	1.23354
cg11238048	DACT2	0.00432296	0.353256	1.18046	1.18046	0.308218	1.20105	1.20105	0.659998	1.07993	1.07993	0.276993	1.217	1.217	0.391858	1.16459	1.16459
cg02181624	DACT2	0.00514672	0.586079	0.821701	-1.21699	0.563373	1.23202	1.23202	0.0430511	0.435415	-2.29666	0.372043	0.720844	-1.38726	0.00204006	0.211643	-4.72494
cg06259125	DACT2	0.0116793	0.0863272	0.616673	-1.6216	0.00794338	0.419654	-2.38292	0.753326	0.92272	-1.08375	0.072834	1.66618	1.66618	0.0560565	0.575737	-1.7369
cg10656687	DACT2	0.0329982	0.0376414	0.331709	-3.01469	0.0219822	0.284393	-3.51626	0.0124401	0.240901	-4.15108	0.121797	0.464164	-2.15441	0.00734066	0.205674	-4.86206
cg01835282	DACT2	0.0333889	0.0953826	0.710059	-1.40833	0.281667	0.811313	-1.23257	0.00211505	0.445916	-2.24257	0.24949	0.798569	-1.25224	0.019677	0.590618	-1.69314
cg04272694	DACT2	0.0491978	0.843916	1.06296	1.06296	0.0993879	1.74968	1.74968	0.570851	0.837436	-1.19412	0.0777611	0.544907	-1.83517	0.94072	1.0233	1.0233
cg03439990	DACT3	4.12E-05	8.62E-05	0.523762	-1.90926	0.0312004	1.2403	1.2403	0.293693	1.09523	1.09523	0.000169126	0.559114	-1.78855	0.000545008	0.618542	-1.61671
cg08202374	DACT3	0.00804568	0.0102313	0.694059	-1.4408	0.593726	0.941066	-1.06262	0.00114101	1.71548	1.71548	0.270328	0.878552	-1.13824	0.529285	1.07455	1.07455
cg20120512	DACT3	0.0147842	0.392036	1.31536	1.31536	0.043423	2.06685	2.06685	0.923604	0.970463	-1.03044	0.0432521	0.483457	-2.06843	0.29591	1.40326	1.40326
cg02700369	DACT3	0.0233658	0.646679	1.12383	1.12383	0.938063	0.980535	-1.01985	0.0271877	1.93723	1.93723	0.411131	1.23686	1.23686	0.374132	0.793937	-1.25955
cg22981158	DACT3	0.0240467	0.0799885	0.669955	-1.49264	0.0984905	1.45296	1.45296	0.697629	0.922652	-1.08383	0.303174	1.24596	1.24596	0.341305	1.22407	1.22407
cg06747322	DAD1	0.0155225	0.8188	1.04869	1.04869	0.265048	0.786114	-1.27208	0.00955152	1.97389	1.97389	0.0296014	1.69999	1.69999	0.675931	1.09101	1.09101
cg13386234	DAD1	0.0474407	0.698641	1.05339	1.05339	0.342251	1.13977	1.13977	0.250932	0.851816	-1.17396	0.911742	1.01493	1.01493	0.0224512	1.44137	1.44137
cg06840699	DAD1;DAD1	0.000128622	8.62E-06	0.0171697	-58.2421	?	?	?	0.4068	1.36725	1.36725	?	?	?	0.981631	0.991579	-1.00849
cg21495385	DAD1L;BCAT1	0.000903868	0.285002	0.897436	-1.11429	0.00428432	0.68915	-1.45106	0.000473729	0.58571	-1.70733	0.000333111	0.568834	-1.75798	0.00487108	0.695098	-1.43865
cg20620180	DAD1L;BCAT1	0.00573601	0.909022	0.965886	-1.03532	0.455578	0.793938	-1.25954	0.178274	0.647733	-1.54385	0.48327	0.805466	-1.24152	6.74E-05	0.109067	-9.16868
cg23656890	DAD1L;BCAT1	0.0122923	0.576528	0.809182	-1.23582	0.0787536	0.480626	-2.08062	0.648301	0.841694	-1.18808	0.347335	1.43784	1.43784	0.285817	0.659679	-1.51589
cg17367439	DAD1L;BCAT1	0.0275822	0.108086	0.4441	-2.25174	0.0136879	0.243751	-4.10255	0.0259299	0.29401	-3.40125	0.765083	0.87045	-1.14883	0.00666388	0.195941	-5.10357
cg21475255	DAG1;DAG1	3.77E-06	0.414198	1.12254	1.12254	0.0360933	1.40155	1.40155	0.00313335	1.7496	1.7496	0.127788	0.796102	-1.25612	0.0326406	1.41375	1.41375
cg02782331	DAG1;DAG1	0.0107158	0.407242	0.777065	-1.28689	0.538679	1.20346	1.20346	0.56818	1.18724	1.18724	0.000185895	0.15295	-6.5381	0.302641	0.727827	-1.37395
cg24086758	DAG1;DAG1;DAG1;DAG1	0.00445832	0.000809152	0.636528	-1.57102	0.370042	0.921	-1.08578	0.0973259	1.17663	1.17663	0.214344	1.12397	1.12397	0.0488411	0.817819	-1.22276
cg05395679	DAGLA	0.000476343	0.000125344	0.185197	-5.39965	0.432201	1.22423	1.22423	0.00347405	0.367473	-2.72129	0.113202	0.647215	-1.54508	0.00460926	0.386126	-2.58983
cg04709703	DAGLA	0.00270167	0.722827	0.922292	-1.08426	0.609634	1.12409	1.12409	0.373598	1.23055	1.23055	0.140075	0.697258	-1.43419	0.000402918	0.278596	-3.58942
cg17058012	DAGLA	0.00313078	0.0178991	1.78205	1.78205	0.00155685	2.49211	2.49211	0.871072	1.03315	1.03315	0.0144377	1.83176	1.83176	0.991375	1.00217	1.00217
cg16105461	DAGLA	0.00642281	0.314621	1.20258	1.20258	0.000843958	0.410481	-2.43616	0.0407801	0.657745	-1.52035	0.0362311	1.54031	1.54031	0.0756651	0.704152	-1.42015
cg20144359	DAGLA	0.0197091	0.394926	1.11536	1.11536	0.122293	1.23348	1.23348	0.00070801	1.90896	1.90896	0.549814	1.07877	1.07877	0.469551	1.09658	1.09658
cg15015340	DAGLA	0.0291729	0.22618	0.667212	-1.49877	0.000794426	0.199177	-5.02065	0.0772772	0.535045	-1.869	0.978769	0.991563	-1.00851	0.0528783	0.496287	-2.01496
cg02917596	DAGLA	0.0399892	?	?	?	0.00426594	0.0722241	-13.8458	0.534734	0.678679	-1.47345	?	?	?	?	?	?
cg10969245	DAGLA	0.0415824	0.879572	1.06519	1.06519	0.0396613	2.6938	2.6938	0.116776	0.491726	-2.03365	0.911804	0.954895	-1.04724	0.809512	1.10583	1.10583
cg27079009	DAGLB;DAGLB	0.000142512	6.77E-06	0.314176	-3.18293	0.00447797	1.55162	1.55162	0.917905	1.01202	1.01202	0.0435886	0.764196	-1.30856	0.426642	0.91021	-1.09865
cg23344220	DAGLB;DAGLB	0.000503614	0.20724	0.74844	-1.33611	0.751277	1.07173	1.07173	0.000550522	0.310731	-3.21822	0.605341	1.12027	1.12027	0.000132719	0.236038	-4.23661
cg13200354	DAGLB;DAGLB	0.00174656	0.153971	0.871859	-1.14697	0.00607096	1.37977	1.37977	0.331157	1.09427	1.09427	0.0614918	0.827569	-1.20836	0.0742696	0.83636	-1.19566
cg17210035	DAGLB;DAGLB	0.00175481	0.000331733	0.0917327	-10.9012	0.0181891	0.306544	-3.26217	0.0102654	0.263425	-3.79614	0.0644345	0.424585	-2.35524	0.0146985	0.289854	-3.45001
cg17404534	DAGLB;DAGLB	0.00378585	0.000585155	0.215923	-4.63128	0.00492801	0.341565	-2.9277	0.00970026	0.389178	-2.56952	0.724374	1.10751	1.10751	0.00724867	0.368187	-2.71601
cg18526602	DAGLB;DAGLB	0.00663136	?	?	?	0.133766	0.370808	-2.69681	0.0752447	0.29484	-3.39167	0.535432	1.46411	1.46411	0.000476532	0.0276885	-36.1161
cg22133552	DAGLB;DAGLB	0.00908314	0.551706	1.17466	1.17466	0.765643	1.08319	1.08319	0.168105	1.48095	1.48095	0.0270049	0.496581	-2.01377	0.000588727	0.241855	-4.13472
cg05546575	DAGLB;DAGLB	0.0267947	0.0268233	0.407102	-2.45639	0.570867	0.821798	-1.21684	0.0248964	0.400636	-2.49603	0.658667	0.858702	-1.16455	0.00660834	0.298733	-3.34747
cg06488150	DAGLB;DAGLB	0.0278539	0.864117	0.904173	-1.10598	0.00359986	10.1559	10.1559	0.0413535	3.98997	3.98997	0.638473	0.757064	-1.32089	0.1335	0.386036	-2.59043
cg22741272	DAGLB;DAGLB	0.0288182	0.609673	1.12896	1.12896	0.155677	0.69917	-1.43027	0.205279	0.729922	-1.37001	0.548655	1.15369	1.15369	0.976402	0.993056	-1.00699
cg25513090	DAGLB;DAGLB	0.0411929	0.128315	0.617771	-1.61872	0.955647	0.983837	-1.01643	0.0257323	0.460217	-2.17289	0.187804	1.50523	1.50523	0.0771958	0.562332	-1.77831
cg00173010	DAGLB;DAGLB	0.046645	0.681448	0.926214	-1.07966	0.0396215	0.642809	-1.55567	0.253374	0.801291	-1.24799	0.0119195	0.558351	-1.79099	0.937444	1.01468	1.01468
cg08697244	DAGLB;DAGLB;DAGLB;DAGLB	0.0184665	0.578687	1.08214	1.08214	0.818717	0.96821	-1.03283	0.82365	0.969079	-1.03191	0.0304719	0.699166	-1.43028	0.00119522	0.512629	-1.95073
cg05337258	DAK	0.000182059	3.04E-05	0.23805	-4.20081	0.936621	0.986094	-1.0141	0.000434119	0.375468	-2.66334	0.128307	1.33572	1.33572	2.92E-05	0.236124	-4.23506
cg04468281	DAK	0.00061079	0.0452687	0.686524	-1.45661	0.510552	0.896468	-1.11549	0.000694683	0.428504	-2.3337	0.346964	1.17186	1.17186	0.00014361	0.342014	-2.92386
cg01814537	DAK	0.00150931	0.871768	1.02831	1.02831	0.559602	1.10735	1.10735	0.755962	1.05536	1.05536	0.116587	0.744762	-1.34271	0.120754	0.747648	-1.33753
cg27470307	DAK	0.00266637	0.225858	0.624678	-1.60082	0.598495	1.21724	1.21724	0.273108	0.655755	-1.52496	0.000317941	0.115677	-8.64475	0.000177879	0.0953845	-10.4839
cg25620125	DAK	0.0031618	0.785812	0.924561	-1.08159	0.508518	1.21304	1.21304	0.0836592	0.57621	-1.73548	0.0145014	0.420099	-2.38039	5.51E-05	0.115152	-8.68418
cg17597374	DAK	0.0106115	0.346417	0.623426	-1.60404	0.182664	1.99208	1.99208	0.211621	0.526615	-1.89892	0.00695067	0.182335	-5.4844	0.00256791	0.130351	-7.67161
cg18790771	DAK	0.0173156	0.202316	0.815913	-1.22562	0.103356	0.763956	-1.30898	0.00284495	0.537507	-1.86044	0.361316	1.15237	1.15237	0.0859961	0.750709	-1.33207
cg25202662	DAK	0.0225594	0.372567	1.26359	1.26359	0.547392	1.16836	1.16836	0.00375103	0.367881	-2.71827	0.0292082	1.92837	1.92837	0.0181037	0.480185	-2.08253
cg13309174	DAK;DDB1	0.000159767	0.371597	1.16575	1.16575	0.0212651	0.629483	-1.58861	0.33159	1.18231	1.18231	0.00518371	1.85316	1.85316	1.20E-05	0.212865	-4.69781
cg25406518	DAK;DDB1	0.00208782	0.0156861	0.348637	-2.86831	0.49136	1.28233	1.28233	0.0481648	0.44777	-2.23329	0.0100741	0.31494	-3.17521	0.000380012	0.132715	-7.53494
cg03483654	DAK;DDB1	0.00845956	0.578908	0.851983	-1.17373	0.255438	1.40389	1.40389	0.185216	1.49401	1.49401	0.805467	0.931921	-1.07305	0.000239263	0.175917	-5.68451
cg19789392	DAK;DDB1	0.0132272	0.0434276	0.872147	-1.1466	0.0218924	0.850449	-1.17585	0.015443	0.839436	-1.19128	0.0462693	1.14394	1.14394	0.457884	1.04553	1.04553
cg26024868	DAK;DDB1	0.0231816	0.165955	0.75241	-1.32906	0.000891027	0.383549	-2.60723	0.851217	1.03682	1.03682	0.0955118	0.702839	-1.4228	0.154379	0.745603	-1.3412
cg20772347	DAK;DDB1;DAK	0.0347946	0.22346	0.787701	-1.26952	0.494266	1.13826	1.13826	0.0122605	1.78973	1.78973	0.0225905	0.600831	-1.66436	0.066753	0.68148	-1.46739
cg24855490	DALRD3;DALRD3	0.0181561	0.332391	1.1291	1.1291	0.0015845	1.73437	1.73437	0.0174154	1.42125	1.42125	0.031575	1.35812	1.35812	0.0759413	1.27102	1.27102
cg16472735	DALRD3;DALRD3	0.0302035	0.906033	1.02423	1.02423	0.00114191	2.63722	2.63722	0.151794	1.36519	1.36519	0.0686216	1.51166	1.51166	0.00878705	1.96695	1.96695
cg21379639	DALRD3;DALRD3;NDUFAF3	9.23E-05	0.00060484	0.417737	-2.39385	0.000750874	2.32569	2.32569	0.00617145	1.80342	1.80342	0.505468	1.11801	1.11801	2.07E-05	4.13277	4.13277
cg05557266	DALRD3;DALRD3;NDUFAF3;NDUFAF3	0.00895174	0.0452918	0.572658	-1.74624	0.70767	1.09576	1.09576	0.567944	1.15041	1.15041	0.0665308	0.606855	-1.64784	0.00247857	0.360195	-2.77627
cg17092349	DALRD3;NDUFAF3;MIR425;NDUFAF3;NDUFAF3;MIR191;NDUFAF3	0.00181142	0.0537432	1.32111	1.32111	0.00266044	0.589572	-1.69614	0.0166092	0.689409	-1.45052	0.0436559	1.34297	1.34297	0.00695232	1.55894	1.55894
cg19845926	DALRD3;NDUFAF3;MIR425;NDUFAF3;NDUFAF3;MIR191;NDUFAF3	0.0481262	0.356304	0.807647	-1.23816	0.0388321	1.71361	1.71361	0.2943	1.27752	1.27752	0.752695	0.931301	-1.07377	0.770209	0.936177	-1.06817
cg17217654	DALRD3;NDUFAF3;MIR425;NDUFAF3;NDUFAF3;NDUFAF3	0.00614972	0.00121663	0.339685	-2.9439	0.420053	1.20667	1.20667	0.633542	0.896255	-1.11575	0.127247	1.4566	1.4566	0.115717	0.677107	-1.47687
cg01142001	DALRD3;NDUFAF3;NDUFAF3;MIR425;NDUFAF3;NDUFAF3;NDUFAF3	0.0361232	0.0151647	0.338729	-2.95221	0.047742	2.27384	2.27384	0.385826	0.724253	-1.38073	0.616445	1.20113	1.20113	0.0646851	0.470956	-2.12334
cg18414979	DAND5	0.000398121	0.246813	1.06055	1.06055	0.000184619	0.735906	-1.35887	0.00119979	0.794254	-1.25904	0.961515	0.99766	-1.00234	0.000122964	0.722364	-1.38434
cg02596107	DAND5	0.000561404	0.0978282	0.676521	-1.47815	0.768972	1.06543	1.06543	0.000127568	0.238347	-4.19556	0.0488281	0.616259	-1.6227	6.54E-05	0.206647	-4.83917
cg15415411	DAND5	0.00256611	0.65914	1.10945	1.10945	0.0935301	1.53968	1.53968	0.002593	0.376576	-2.65551	0.60691	0.885655	-1.12911	0.575487	0.876008	-1.14154
cg27657603	DAND5	0.0167074	0.0240391	0.377305	-2.65038	0.197075	1.63862	1.63862	0.0226014	0.372044	-2.68785	0.911634	0.960594	-1.04102	0.0154088	0.34073	-2.93487

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18229457	0.482493	0.889156	-1.12466	0.000694219	2.34399	2.34399	0.0164658	1.6199	1.6199	0.00412052	1.88377	1.88377	6.8715	2.94817	0.381372	1
cg04910179	0.514668	0.756326	-1.32218	0.0526637	0.394121	-2.53729	0.00732138	0.231892	-4.31235	0.00678873	0.227006	-4.40517	6.69091	18.9323	2.51517	1
cg08889243	0.252442	0.807685	-1.23811	0.565205	1.10946	1.10946	0.00462454	0.510063	-1.96054	0.00184241	0.453761	-2.20381	6.54017	3.30646	0.449388	1
cg04344730	0.0514035	0.374055	-2.6734	0.00541526	0.197327	-5.06773	0.00851925	0.2257	-4.43065	0.214023	0.559862	-1.78616	6.23701	19.4184	2.76749	1
cg05375728	0.909622	1.01597	1.01597	0.128968	1.25718	1.25718	0.417494	1.12253	1.12253	0.368725	1.13745	1.13745	5.33477	1.64428	0.273972	1
cg20160351	0.465321	0.677402	-1.47623	0.222199	0.510443	-1.95908	0.0737146	0.351686	-2.84345	0.572048	0.741339	-1.34891	4.92016	21.411	3.86816	1
cg24484905	0.993769	0.997581	-1.00242	0.945008	1.02162	1.02162	0.138383	1.64012	1.64012	0.205301	1.51351	1.51351	4.55345	6.93631	1.35405	1
cg19717595	0.0298857	1.71476	1.71476	0.0358255	0.597246	-1.67435	0.0366914	0.599122	-1.66911	0.398215	1.20028	1.20028	4.44402	3.13506	0.627072	1
cg01055518	0.0323772	0.630594	-1.58581	0.041865	0.649427	-1.53982	0.00731544	0.529146	-1.88984	0.00755202	0.531211	-1.88249	4.44066	2.38247	0.4769	1
cg08724028	0.152521	0.52071	-1.92045	0.00404384	0.193207	-5.17581	0.259104	0.605704	-1.65097	0.0412107	0.366815	-2.72617	4.08818	11.7412	2.55287	1
cg07201450	0.580661	1.20271	1.20271	0.0516953	0.480703	-2.08029	0.00462025	0.287459	-3.47876	0.754409	1.10939	1.10939	4.07249	7.05797	1.54052	1
cg15574705	0.0386268	0.578916	-1.72737	0.707875	1.08969	1.08969	0.0250037	1.83774	1.83774	0.0298622	1.79172	1.79172	3.73561	3.0807	0.733053	1
cg08458292	0.9186	0.953865	-1.04837	0.457	1.41906	1.41906	0.00566736	5.34945	5.34945	0.39763	1.49209	1.49209	3.68645	12.4646	3.00551	1
cg01421140	0.901409	1.03412	1.03412	0.0937041	1.64717	1.64717	0.0286658	0.497166	-2.0114	0.0293022	0.499016	-2.00394	3.52595	4.09325	1.03191	1
cg26345888	0.0372205	0.363691	-2.74959	0.0918496	0.460158	-2.17317	0.497391	1.33394	1.33394	0.465922	1.36387	1.36387	3.50597	9.71241	2.46245	1
cg13691257	0.179953	0.526957	-1.89769	0.0749108	0.409699	-2.44082	0.846307	0.916403	-1.09122	0.743591	1.15912	1.15912	4.14201	13.2759	2.84905	1
cg22525715	0.142952	0.53456	-1.8707	0.0943441	0.481145	-2.07838	0.0119883	0.287404	-3.47942	0.113564	0.504116	-1.98367	4.1191	10.324	2.22789	1
cg02058215	0.644883	0.840203	-1.19019	0.0146953	0.324078	-3.08567	0.821973	1.08823	1.08823	0.217404	0.614554	-1.6272	3.60642	8.0395	1.98153	1
cg17576603	0.00514555	0.50289	-1.98851	0.0692203	0.685116	-1.45961	0.304761	1.21861	1.21861	0.60156	0.906643	-1.10297	6.79372	3.72357	0.487192	1
cg07566931	0.933093	0.955752	-1.0463	0.000567487	0.0562441	-17.7796	0.122732	0.406018	-2.46295	0.121661	0.404795	-2.47039	5.9	27.1451	4.08965	1
cg18264728	0.386828	0.609579	-1.64048	0.00462503	0.122146	-8.18696	0.222713	2.04417	2.04417	0.0615396	0.308762	-3.23874	4.16893	20.5584	4.38342	1
cg25770096	0.0020107	0.113821	-8.7857	0.460443	0.687501	-1.45454	0.484242	0.701572	-1.42537	0.333191	1.64495	1.64495	3.56834	14.0498	3.49987	1
cg07000467	0.0131379	1.51759	1.51759	0.0589758	0.748825	-1.33542	0.841721	1.02749	1.02749	0.127976	0.799952	-1.25007	13.0391	3.7993	0.259002	1
cg24015249	0.882248	0.951133	-1.05138	2.17E-05	17.9185	17.9185	0.0699625	0.504132	-1.98361	0.00532781	3.45918	3.45918	14.3914	26.044	1.60861	1
cg14594187	0.0222519	0.262744	-3.80599	0.00116777	10.2256	10.2256	0.00325083	0.141197	-7.08231	0.689128	1.21671	1.21671	10.7718	40.5928	3.34973	1
cg13928417	0.126411	0.483666	-2.06754	0.00122582	7.98385	7.98385	0.00156763	0.135927	-7.3569	0.0465602	2.72181	2.72181	10.701	32.7066	2.7168	1
cg13060154	0.157663	0.588786	-1.69841	0.000209638	0.113721	-8.79345	0.00961661	0.316906	-3.15551	0.00503337	0.272332	-3.67198	9.46995	18.4353	1.73042	1
cg00488323	0.703256	1.055	1.055	0.0547423	0.737276	-1.35634	0.113415	0.785857	-1.2725	0.164291	1.23071	1.23071	5.10401	1.58191	0.275497	1
cg24794433	0.129284	0.324981	-3.07711	0.00273413	0.0586432	-17.0523	0.0220424	0.152121	-6.5737	0.0347562	0.184951	-5.40683	4.94557	36.8333	6.62022	1
cg27650175	0.23836	0.852944	-1.17241	0.00860354	0.64949	-1.53967	0.00176677	0.563483	-1.77468	0.277815	1.15645	1.15645	4.74335	1.24617	0.233528	1
cg04661709	0.0703873	2.37205	2.37205	0.0177983	3.42307	3.42307	0.271305	1.63087	1.63087	0.188998	1.81181	1.81181	4.52668	13.077	2.56789	1
cg01305539	0.669437	1.103	1.103	0.853472	1.04311	1.04311	0.172255	0.717734	-1.39327	0.0533116	0.605855	-1.65056	3.70043	3.05389	0.733584	1
cg08128768	0.119101	0.238539	-4.19218	0.00717559	0.0528107	-18.9356	0.025124	0.10466	-9.55473	0.0470636	0.145784	-6.85945	3.69364	41.9982	10.107	1
cg14474791	0.401769	1.21148	1.21148	0.346035	1.24227	1.24227	0.761854	1.07031	1.07031	0.61502	1.12004	1.12004	3.68848	2.91947	0.703565	1
cg15686608	0.0863708	0.342032	-2.92371	0.0263274	0.22495	-4.44543	0.00459008	0.118039	-8.47178	0.0565107	0.294447	-3.3962	3.65457	18.5616	4.51469	1
cg16198315	0.894132	1.01305	1.01305	0.021186	1.30985	1.30985	3.78E-08	6.7286	6.7286	0.814147	1.0232	1.0232	47.7132	7.16999	0.133576	1
cg07061916	2.68E-07	10.4173	10.4173	0.397174	1.14264	1.14264	0.269071	1.19367	1.19367	0.0811829	1.34628	1.34628	30.4635	11.4129	0.333015	1
cg13726218	0.22779	1.39375	1.39375	0.00426803	0.366919	-2.72539	0.00198486	3.1438	3.1438	0.247294	0.728167	-1.37331	18.5278	20.1795	0.968132	1
cg12247968	0.967656	0.995392	-1.00463	0.0325522	0.752016	-1.32976	0.000163198	2.0806	2.0806	0.186247	1.17308	1.17308	10.8245	2.22465	0.182684	1
cg18542613	0.241448	1.12864	1.12864	0.000194563	1.8565	1.8565	0.0773104	1.21387	1.21387	0.573503	1.05774	1.05774	10.4984	1.61944	0.137117	1
cg11664313	0.00090874	0.404583	-2.47168	0.264136	0.80872	-1.23652	0.000452237	2.74122	2.74122	0.0293633	1.5969	1.5969	10.1724	5.35988	0.468357	1
cg04496204	0.000253711	0.286442	-3.49111	0.0879936	1.47762	1.47762	0.0656426	1.53479	1.53479	0.00768984	0.491532	-2.03445	7.66128	5.21748	0.60535	1
cg04545942	0.222783	1.31254	1.31254	0.00119052	2.74184	2.74184	0.921162	0.979205	-1.02124	0.25892	0.778771	-1.28407	6.65687	4.75109	0.63441	1
cg12776754	0.703865	0.917207	-1.09027	0.129935	0.690602	-1.44801	0.335156	1.25222	1.25222	0.0907523	1.52455	1.52455	6.36879	5.1656	0.720961	1
cg24152818	0.0238658	3.18865	3.18865	0.0128677	3.77525	3.77525	0.0290912	3.02302	3.02302	0.0247367	3.15794	3.15794	5.33243	15.6238	2.60441	1
cg27363021	0.426868	0.853767	-1.17128	0.0369659	1.60338	1.60338	0.0789594	0.683769	-1.46248	0.630534	1.09904	1.09904	4.97111	2.98984	0.534616	1
cg09096054	0.197471	0.796048	-1.2562	0.0478104	1.46063	1.46063	0.233548	0.811305	-1.23258	0.14828	0.771335	-1.29645	4.47036	1.98467	0.394632	1
cg16183813	0.771969	1.0663	1.0663	0.742052	0.92963	-1.0757	0.184218	1.36505	1.36505	0.814293	1.05336	1.05336	18.3333	14.1718	0.687119	1
cg01311064	0.037815	0.520502	-1.92122	0.0749942	0.584174	-1.71182	0.037898	1.92051	1.92051	0.0586837	1.78418	1.78418	6.60073	7.68322	1.03466	1
cg26413827	0.530494	1.34576	1.34576	0.00454311	0.170895	-5.85156	0.240314	1.77634	1.77634	0.867771	1.08099	1.08099	4.67046	16.1562	3.07488	1
cg25443545	0.00258021	0.209693	-4.76887	0.0160034	3.0122	3.0122	0.000493246	7.69169	7.69169	0.101594	0.511597	-1.95466	19.0495	42.185	1.96845	1
cg16259355	0.0306642	0.209924	-4.76362	0.0312627	0.211487	-4.72843	0.00227093	13.8035	13.8035	0.820982	0.869934	-1.14951	10.9609	65.6118	5.32089	1
cg27545072	0.599559	0.732796	-1.36464	0.00214485	0.0796691	-12.5519	0.36226	0.577231	-1.73241	0.0749158	0.312247	-3.20259	4.1425	22.592	4.84775	1
cg19991689	5.36E-06	0.566841	-1.76416	0.086286	1.11003	1.11003	0.986105	0.999041	-1.00096	0.14449	1.09018	1.09018	60.69	2.91649	0.042716	1
cg16464144	0.00200033	1.31365	1.31365	1.18E-05	1.78594	1.78594	0.00545769	1.25681	1.25681	0.332253	1.06455	1.06455	22.0557	1.3662	0.0550606	1
cg14314529	0.00134602	2.12011	2.12011	0.000119943	2.95892	2.95892	0.536403	1.10629	1.10629	0.101529	1.33542	1.33542	14.3958	5.9349	0.366459	1
cg14252569	0.116704	1.24166	1.24166	0.0252212	1.40209	1.40209	0.211734	1.18183	1.18183	0.0772378	1.28334	1.28334	12.7972	3.26843	0.227024	1
cg21858516	0.0019774	2.01921	2.01921	0.309089	0.844303	-1.18441	0.170598	0.790875	-1.26442	0.255877	1.21009	1.21009	7.36614	3.0157	0.363911	1
cg04216397	0.00978752	0.663135	-1.50799	0.000513621	0.505638	-1.9777	0.387102	1.11795	1.11795	0.577375	0.931652	-1.07336	5.47624	1.37184	0.222673	1
cg26850503	0.0139615	1.70853	1.70853	0.037686	1.53003	1.53003	0.883326	1.02624	1.02624	0.388638	1.16867	1.16867	4.47854	2.20755	0.438148	1
cg05008070	0.770209	0.877411	-1.13972	0.880181	0.934867	-1.06967	0.0486281	0.3658	-2.73373	0.607812	0.79364	-1.26002	4.15298	13.1128	2.80662	1
cg14627175	0.113629	1.17767	1.17767	0.00188842	0.65808	-1.51957	1.39E-07	0.207187	-4.82656	1.38E-07	0.206849	-4.83445	63.7931	9.11824	0.127053	1
cg21952528	0.434992	0.889825	-1.12382	0.00106714	0.492299	-2.03128	1.50E-06	0.167663	-5.96436	9.39E-07	0.149792	-6.67592	40.1477	13.6558	0.302347	1
cg24966702	0.177877	1.14283	1.14283	0.837133	0.98099	-1.01938	9.43E-06	2.43799	2.43799	0.822474	1.02118	1.02118	21.6118	2.97617	0.122409	1
cg12256206	0.0346411	1.77483	1.77483	0.000346944	0.261759	-3.82031	0.00366536	2.49711	2.49711	0.0316988	1.79784	1.79784	10.3436	8.88744	0.763748	1
cg21223803	0.145187	1.12537	1.12537	0.000808195	1.46459	1.46459	0.079905	0.863537	-1.15803	0.0658466	0.855702	-1.16863	8.92362	0.805658	0.0802522	1
cg02825171	0.750288	0.978142	-1.02235	0.000644242	0.695994	-1.43679	0.00181038	1.35936	1.35936	0.107705	1.12919	1.12919	7.95767	0.603772	0.0674427	1
cg11238048	0.807408	1.04333	1.04333	0.000155889	0.324787	-3.07894	0.00706921	1.83057	1.83057	0.599366	1.09644	1.09644	7.67046	3.6651	0.424729	1
cg02181624	0.00723889	0.290073	-3.44741	0.00035084	0.1285	-7.78209	0.985682	0.993611	-1.00643	0.0652035	0.477426	-2.09456	7.27403	14.6957	1.79582	1
cg06259125	0.251372	0.736582	-1.35762	0.641551	0.887266	-1.12706	0.00258691	2.90176	2.90176	0.673087	1.11434	1.11434	5.62265	5.79613	0.916315	1
cg10656687	0.0957898	0.432929	-2.30985	0.0179367	0.268144	-3.72935	0.214423	0.549848	-1.81868	0.0508211	0.361258	-2.76811	3.95013	13.1009	2.94806	1
cg01835282	0.13858	0.742314	-1.34714	0.161456	1.32242	1.32242	0.542282	0.891117	-1.12219	0.161877	0.756432	-1.322	3.93345	2.17587	0.491708	1
cg04272694	0.279983	1.41602	1.41602	0.00246584	0.271446	-3.68398	0.465179	0.794362	-1.25887	0.751919	0.906447	-1.10321	3.40901	5.17939	1.35051	1
cg03439990	2.10E-05	0.447837	-2.23296	9.47E-06	0.40412	-2.47451	0.00671184	0.737469	-1.35599	0.515234	1.05645	1.05645	37.7483	4.03606	0.0831602	1
cg08202374	0.102741	0.817587	-1.22311	0.0111745	0.698566	-1.4315	0.630509	1.0562	1.0562	0.814848	1.02682	1.02682	6.33279	1.27643	0.179163	1
cg20120512	0.00983937	0.360634	-2.7729	0.00686669	0.334814	-2.98674	0.0698448	1.88456	1.88456	0.453019	0.78745	-1.26992	5.20557	8.05573	1.37558	1
cg02700369	0.00177215	0.324345	-3.08314	0.0828637	0.615227	-1.62542	0.225815	1.3795	1.3795	0.401158	0.804643	-1.24279	4.46051	4.51968	0.900679	1
cg22981158	0.0976475	0.687479	-1.45459	0.0342084	1.66444	1.66444	0.0033977	2.27294	2.27294	0.155448	1.3681	1.3681	4.41643	2.97376	0.598524	1
cg06747322	0.0245285	1.74195	1.74195	0.474074	1.16281	1.16281	0.00498678	0.463023	-2.15972	0.911212	1.02338	1.02338	5.12228	3.48228	0.604294	1
cg13386234	0.886549	0.981094	-1.01927	0.0327532	0.716065	-1.39652	0.315905	1.14871	1.14871	0.0112188	1.52929	1.52929	3.45623	0.978489	0.251652	1
cg06840699	0.258633	0.646761	-1.54617	0.100222	0.511188	-1.95623	0.00171175	5.72181	5.72181	?	?	?	29.2575	40.8055	1.62715	1
cg21495385	0.115762	1.18127	1.18127	0.0234413	1.30188	1.30188	0.01855	0.757146	-1.32075	0.154349	0.861941	-1.16017	12.108	1.82083	0.133673	1
cg20620180	0.758068	0.910455	-1.09835	0.691508	1.12874	1.12874	0.282517	1.40365	1.40365	0.224097	0.678562	-1.4737	7.03608	10.2736	1.2979	1
cg23656890	0.142089	0.55305	-1.80816	0.000253524	0.104053	-9.61044	0.602492	1.21798	1.21798	0.0488961	0.429997	-2.3256	5.5301	12.3349	1.98268	1
cg17367439	0.864754	1.08213	1.08213	0.014596	0.248445	-4.02504	0.377054	1.52145	1.52145	0.152567	0.491936	-2.03279	4.21	14.293	3.01779	1
cg21475255	5.70E-05	0.355325	-2.81433	6.99E-08	0.0815867	-12.2569	0.828836	0.97046	-1.03044	0.56614	0.922821	-1.08363	52.1965	15.8553	0.27001	1
cg02782331	0.184681	0.657974	-1.51982	0.182313	1.52369	1.52369	0.968141	1.01195	1.01195	0.284927	0.718589	-1.39162	5.78102	8.10479	1.24619	1
cg24086758	0.0265545	0.790542	-1.26495	0.138845	0.867247	-1.15307	0.0388211	1.23845	1.23845	0.024411	1.27094	1.27094	7.59914	0.961883	0.112514	1
cg05395679	0.167256	0.689646	-1.45002	3.21E-05	0.129798	-7.70428	0.0236819	0.505769	-1.97719	0.013664	0.46311	-2.15931	14.4838	14.6124	0.896778	1
cg04709703	0.00592109	0.441447	-2.26528	0.000913129	0.324314	-3.08344	0.00556984	0.437321	-2.28665	0.0755278	0.638013	-1.56737	8.82778	7.21366	0.726359	1
cg17058012	0.00458783	0.468771	-2.13324	0.010129	1.918	1.918	0.295983	0.804464	-1.24306	0.103117	0.699088	-1.43044	8.45029	5.39507	0.567509	1
cg16105461	0.208421	0.790371	-1.26523	0.187155	0.780352	-1.28147	0.00956069	0.558712	-1.78983	0.211238	1.2632	1.2632	6.7945	3.38628	0.443009	1
cg20144359	0.11818	1.23686	1.23686	0.00962721	1.50777	1.50777	0.0289147	1.38094	1.38094	0.970183	1.00469	1.00469	4.72802	1.17578	0.221052	1
cg15015340	0.121893	0.586322	-1.70555	0.0460972	0.483002	-2.07038	0.185571	0.639569	-1.56355	0.690292	0.880268	-1.13602	4.12754	6.62764	1.4273	1
cg02917596	?	?	?	0.605869	0.72583	-1.37773	0.345354	0.547253	-1.82731	?	?	?	5.03827	12.7217	3.78754	1
cg10969245	0.314933	0.648649	-1.54167	0.00202297	0.163056	-6.13286	0.937454	1.03323	1.03323	0.638154	0.820931	-1.21813	3.63074	9.97775	2.44278	1
cg27079009	0.000422033	0.523324	-1.91086	0.0126006	0.697987	-1.43269	0.106665	1.22651	1.22651	0.24745	1.15045	1.15045	20.1327	4.2835	0.189123	1
cg23344220	0.487915	1.16594	1.16594	8.58E-05	0.215135	-4.64825	0.871844	0.965438	-1.0358	0.289051	1.27096	1.27096	14.262	10.7218	0.668242	1
cg13200354	0.000347691	1.67673	1.67673	0.784694	0.975695	-1.02491	0.0122042	1.32388	1.32388	0.0117324	0.753626	-1.32692	10.029	1.28216	0.11364	1
cg17210035	0.0285552	0.344604	-2.90189	0.000208943	0.0774437	-12.9126	0.107711	0.484891	-2.06232	0.00209884	0.167921	-5.95517	10.0153	26.9708	2.39373	1
cg17404534	0.00752568	0.370845	-2.69654	0.0627121	0.5466	-1.82949	0.269379	1.39339	1.39339	0.0413332	0.507263	-1.97136	7.98361	10.5181	1.17107	1
cg18526602	0.277064	1.99282	1.99282	?	?	?	0.313462	1.88771	1.88771	?	?	?	8.30861	31.5699	4.43294	1
cg22133552	0.831421	1.05864	1.05864	0.506974	0.835292	-1.19719	0.657882	1.12653	1.12653	0.00631427	0.386441	-2.58772	6.09456	6.89804	1.00608	1
cg05546575	0.0562766	0.476789	-2.09737	0.0295591	0.415662	-2.4058	0.0863592	1.91398	1.91398	0.413947	0.751134	-1.33132	4.25303	7.90854	1.65289	1
cg06488150	0.660369	0.771018	-1.29699	0.0231488	0.202542	-4.93724	0.500236	1.49544	1.49544	0.833304	0.883427	-1.13196	4.19551	22.9817	4.86906	1
cg22741272	0.188766	1.38821	1.38821	0.000751278	3.3344	3.3344	0.997879	1.00063	1.00063	0.989863	1.003	1.003	4.14544	3.64352	0.781266	1
cg25513090	0.41926	1.27354	1.27354	0.00572255	0.345948	-2.89061	0.353585	1.32266	1.32266	0.984277	1.00579	1.00579	3.64341	4.95335	1.20848	1
cg00173010	0.169705	1.31211	1.31211	0.0294204	1.61017	1.61017	0.85633	1.03423	1.03423	0.237919	0.794861	-1.25808	3.47833	1.89992	0.485526	1
cg08697244	0.529638	0.914289	-1.09375	0.00409928	0.581612	-1.71936	0.953103	1.00831	1.00831	0.387466	0.882801	-1.13276	4.83331	1.51591	0.278789	1
cg05337258	0.191368	0.783818	-1.27581	0.289181	0.823878	-1.21377	0.479846	0.881196	-1.13482	0.00506074	0.520668	-1.92061	18.8449	9.25419	0.436508	1
cg04468281	0.00418825	0.533538	-1.87428	0.00139793	2.13407	2.13407	0.352403	0.854955	-1.16965	0.114143	0.754706	-1.32502	13.5165	5.7406	0.37752	1
cg01814537	0.0019087	0.467726	-2.138	2.91E-05	0.242332	-4.12657	0.869134	0.971904	-1.02891	0.21723	0.799017	-1.25154	10.4609	4.9488	0.420511	1
cg27470307	0.905353	0.956948	-1.04499	0.694461	1.15726	1.15726	0.685779	1.16239	1.16239	0.287228	0.664438	-1.50503	8.86213	19.2107	1.92687	1
cg25620125	0.897642	0.963619	-1.03775	0.450157	1.24804	1.24804	0.732329	1.10391	1.10391	0.720991	1.10878	1.10878	8.42553	11.0644	1.16729	1
cg17597374	0.434012	1.47556	1.47556	0.00257239	0.13043	-7.66693	0.851737	0.912852	-1.09547	0.234648	0.54493	-1.8351	5.79922	21.813	3.34344	1
cg18790771	0.751264	0.953076	-1.04923	0.0154843	1.56652	1.56652	0.119474	0.774651	-1.2909	0.245137	1.2017	1.2017	4.93897	1.78672	0.321564	1
cg25202662	0.113446	1.55302	1.55302	0.840772	1.05275	1.05275	0.935424	1.02093	1.02093	0.897376	0.96756	-1.03353	4.51483	4.67025	0.919489	1
cg13309174	0.5931	1.09436	1.09436	0.494576	1.12295	1.12295	0.00511311	1.85606	1.85606	0.000611493	0.413759	-2.41687	19.5219	8.64129	0.393463	1
cg25406518	0.0389105	0.427147	-2.34111	0.000297186	0.123029	-8.12816	0.0567897	0.464368	-2.15347	0.00777064	0.296376	-3.3741	9.52182	19.0898	1.78209	1
cg03483654	0.103988	0.601732	-1.66187	0.15172	0.644777	-1.55092	0.281081	1.3773	1.3773	0.0761868	0.569058	-1.75729	6.2334	8.06052	1.14944	1
cg19789392	0.567267	1.03465	1.03465	0.00398488	0.796135	-1.25607	0.527223	0.962972	-1.03845	0.0575435	0.881171	-1.13485	5.39948	0.296663	0.0488382	1
cg26024868	0.178969	0.759638	-1.31642	0.495963	1.14238	1.14238	0.857185	0.965908	-1.0353	0.106682	1.4038	1.4038	4.47271	2.62654	0.521987	1
cg20772347	0.781289	0.949398	-1.0533	0.205651	1.28287	1.28287	0.191127	0.772411	-1.29465	0.160645	1.3226	1.3226	3.87538	2.13646	0.490037	1
cg24855490	0.502292	1.08619	1.08619	0.116787	0.813091	-1.22987	0.404332	1.10917	1.10917	0.434266	0.907665	-1.10173	4.86099	1.13514	0.207574	1
cg16472735	0.354785	1.21287	1.21287	0.358923	1.21075	1.21075	0.413136	1.18485	1.18485	0.153375	1.36333	1.36333	4.07703	2.65376	0.578583	1
cg21379639	0.248633	0.819479	-1.22029	0.00115689	0.454745	-2.19903	0.832229	1.03564	1.03564	0.0217189	0.634532	-1.57596	22.6185	9.76292	0.383676	1
cg05557266	0.317246	1.28527	1.28527	0.0339688	0.548328	-1.82373	0.177672	1.41586	1.41586	0.00261084	0.363477	-2.7512	6.12281	5.71428	0.82958	1
cg17092349	0.437495	1.10595	1.10595	0.629939	1.06367	1.06367	0.210939	0.845704	-1.18245	0.00079359	0.524969	-1.90487	9.92355	2.5407	0.22758	1
cg19845926	0.00367852	2.4208	2.4208	0.0830823	0.649177	-1.54041	0.774576	1.06679	1.06679	0.670368	1.10121	1.10121	3.43756	2.76018	0.713731	1
cg17217654	0.0753219	1.57077	1.57077	0.00243921	0.382169	-2.61665	0.464021	0.843698	-1.18526	0.0278419	0.552781	-1.80903	6.88652	5.67205	0.732129	1
cg01142001	0.0991699	1.92696	1.92696	0.169042	0.587597	-1.70185	0.0992208	1.92673	1.92673	0.273985	0.661612	-1.51146	3.82309	7.9732	1.85381	1
cg18414979	0.000956088	0.787501	-1.26984	0.0123206	0.859599	-1.16333	0.0996132	1.09156	1.09156	0.064653	0.904166	-1.10599	15.2199	0.567994	0.0331725	1
cg02596107	0.00273468	0.410687	-2.43494	0.000905266	0.343646	-2.90997	0.0120748	0.509964	-1.96092	0.0615166	0.635584	-1.57336	13.8379	10.1468	0.65179	1
cg15415411	0.649965	0.898617	-1.11282	7.23E-05	0.184371	-5.42386	0.507857	0.854544	-1.17021	0.628642	1.12079	1.12079	8.96288	7.77151	0.770735	1
cg27657603	0.897564	1.04775	1.04775	0.010057	0.308385	-3.2427	0.00789611	0.291126	-3.43494	0.0687385	0.478185	-2.09124	4.9984	10.3821	1.8463	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18037826	DAO	0.00046498	0.0106982	0.418795	-2.3878	0.0236469	0.480466	-2.08131	0.0116769	0.4253	-2.35128	0.00451507	0.358175	-2.79193	1.57E-05	0.0888399	-11.2562
cg25362648	DAO	0.00282901	0.0441915	0.53309	-1.87586	0.159217	0.664058	-1.50589	0.0845382	0.595004	-1.68066	0.108975	0.621477	-1.60907	0.000445831	0.221418	-4.51635
cg22621535	DAO	0.0204627	0.949135	0.99475	-1.00528	0.011867	0.77169	-1.29586	0.00325971	0.718213	-1.39235	0.627954	1.04112	1.04112	0.00289803	0.713295	-1.40194
cg01694331	DAO	0.0270769	0.116808	0.607654	-1.64567	0.462784	0.803709	-1.24423	0.0877295	0.576363	-1.73502	0.156167	0.641769	-1.55819	0.00122779	0.251024	-3.98368
cg12592321	DAO;DAO	8.21E-05	0.00101999	0.416662	-2.40003	0.000659814	0.391544	-2.55399	0.877364	0.972626	-1.02814	0.00015153	0.310827	-3.21723	3.26E-05	0.234259	-4.26877
cg22773522	DAOA;DAOA	0.00137239	0.0247344	0.61623	-1.62277	9.82E-05	0.2857	-3.50017	0.00753192	0.536493	-1.86396	0.0439752	0.657596	-1.52069	0.00431706	0.501126	-1.99551
cg13846327	DAOA;DAOA;DAOA	0.000983164	0.0328401	0.411942	-2.42753	0.00166656	0.202369	-4.94147	0.0334798	0.413705	-2.41718	0.970296	0.986859	-1.01332	0.000148222	0.0985669	-10.1454
cg25623522	DAOA;DAOA;DAOA	0.0156618	0.348211	1.24025	1.24025	0.00129339	0.351645	-2.84378	0.00341053	0.411819	-2.42825	0.187062	0.732158	-1.36583	0.180456	0.728281	-1.3731
cg11374446	DAOA;DAOA;DAOA	0.0202527	0.161344	0.755008	-1.32449	0.00226895	0.448295	-2.23067	0.0565385	0.666588	-1.50018	0.0584099	1.49448	1.49448	0.682973	1.0802	1.0802
cg14739039	DAP	0.00101252	0.0895236	0.77822	-1.28498	0.786976	0.964369	-1.03695	0.703634	0.950094	-1.05253	0.00859252	1.56665	1.56665	0.0837188	0.77385	-1.29224
cg14662675	DAP	0.00125994	0.00272541	0.449422	-2.22508	0.678404	0.922576	-1.08392	0.0310873	0.613196	-1.6308	0.486399	0.872246	-1.14646	2.29E-05	0.194342	-5.14556
cg11027354	DAP	0.00312567	0.135518	0.847241	-1.1803	0.714926	0.962908	-1.03852	0.0525208	0.796802	-1.25502	0.569751	0.942526	-1.06098	0.0986219	0.829766	-1.20516
cg18867653	DAP	0.00350304	0.00503701	0.395473	-2.52861	0.00194307	0.329865	-3.03154	0.00950389	0.442386	-2.26047	0.00361347	0.371961	-2.68845	0.00701881	0.419658	-2.38289
cg19633004	DAP	0.0036633	0.0485366	0.513544	-1.94725	0.268408	1.40621	1.40621	0.351076	0.752903	-1.32819	0.956529	0.984009	-1.01625	5.11E-05	0.106067	-9.42802
cg00143606	DAP	0.00480031	0.135569	0.754567	-1.32526	0.00403961	1.96599	1.96599	0.0367046	0.653831	-1.52945	0.6693	1.07812	1.07812	0.339633	1.18803	1.18803
cg02506353	DAP	0.0090847	0.426611	0.92747	-1.0782	0.922217	1.0091	1.0091	0.00433379	0.70212	-1.42426	0.020198	0.771191	-1.2967	0.011659	1.33963	1.33963
cg16362140	DAP	0.014706	0.450402	0.907303	-1.10217	0.00248489	1.70208	1.70208	0.435713	1.10582	1.10582	0.364604	1.12507	1.12507	0.173362	1.20111	1.20111
cg25143743	DAP	0.0183266	0.0232371	0.172032	-5.81286	0.0865475	0.292781	-3.41552	0.0153272	0.144987	-6.89716	0.415725	0.58292	-1.7155	0.0210228	0.165136	-6.05563
cg20963696	DAP	0.0242143	0.0383384	0.665684	-1.50222	0.887882	0.976365	-1.02421	0.185456	0.788139	-1.26881	0.0745546	0.714028	-1.40051	0.820542	1.03928	1.03928
cg13088939	DAP3;DAP3;YY1AP1;YY1AP1	0.0102746	0.0523447	1.30629	1.30629	0.712488	0.95617	-1.04584	0.937132	0.990493	-1.0096	0.166531	1.19556	1.19556	0.425023	1.10368	1.10368
cg06437799	DAP3;DAP3;YY1AP1;YY1AP1	0.023423	0.0133214	0.136686	-7.31601	?	?	?	0.0901448	0.297565	-3.36062	0.216908	0.430325	-2.32383	0.0144761	0.141503	-7.06698
cg05966498	DAP;DAP	0.00314477	0.0694529	1.12834	1.12834	0.0351393	1.15711	1.15711	0.0709232	1.12746	1.12746	0.599676	1.03199	1.03199	0.0013273	0.757623	-1.31992
cg17984409	DAPK1	1.46E-06	0.238129	0.872465	-1.14618	0.0710833	1.24935	1.24935	2.56E-06	0.285107	-3.50746	0.0814238	0.807948	-1.2377	7.14E-06	0.33444	-2.99007
cg15746719	DAPK1	0.000335538	0.879182	1.078	1.078	?	?	?	0.523294	1.37633	1.37633	0.0512487	0.334178	-2.99242	6.34E-05	0.0264076	-37.8679
cg13964439	DAPK1	0.000712895	0.00203528	0.296786	-3.36943	0.238917	0.708599	-1.41124	0.00105363	0.25839	-3.87013	0.390222	0.782009	-1.27876	0.000195922	0.173939	-5.74914
cg13814950	DAPK1	0.000861257	0.199836	0.814513	-1.22773	0.785583	1.04217	1.04217	0.333102	0.859642	-1.16327	0.463827	1.11957	1.11957	0.714345	1.05727	1.05727
cg14286732	DAPK1	0.00125735	0.00717035	0.381539	-2.62096	0.00180225	0.291688	-3.42832	0.000457338	0.216129	-4.62687	0.0556377	0.547749	-1.82565	0.000346895	0.202458	-4.93931
cg05475556	DAPK1	0.00150199	0.905002	1.01209	1.01209	0.30299	1.11339	1.11339	0.0138661	0.736324	-1.3581	0.521072	0.936621	-1.06767	0.0295375	1.29428	1.29428
cg13778339	DAPK1	0.00242065	0.761645	0.926148	-1.07974	0.247314	0.737081	-1.3567	0.00177161	0.325406	-3.07308	0.273046	1.33334	1.33334	0.00952064	0.436804	-2.28935
cg01463032	DAPK1	0.00251543	0.000619809	0.360493	-2.77398	0.00304068	0.455452	-2.19562	0.0486094	0.646422	-1.54698	0.0753708	0.6815	-1.46735	0.000319231	0.323494	-3.09125
cg24754277	DAPK1	0.00380835	0.00121958	0.272999	-3.66302	0.16546	0.666448	-1.50049	0.0941142	0.60357	-1.65681	0.0110487	0.417155	-2.39719	0.00051627	0.226226	-4.42036
cg02100497	DAPK1	0.00564564	0.578111	0.882678	-1.13292	0.521928	1.15509	1.15509	0.000293417	0.26964	-3.70865	0.435445	1.19333	1.19333	0.00254124	0.394402	-2.53549
cg14089032	DAPK1	0.00973374	0.698549	1.0867	1.0867	0.982881	0.995427	-1.00459	0.00430893	0.442449	-2.26015	0.0895034	1.4918	1.4918	0.0839208	1.50473	1.50473
cg19734228	DAPK1	0.0149076	0.371278	1.12462	1.12462	0.406235	0.897001	-1.11483	0.477219	1.09686	1.09686	0.44027	0.904217	-1.10593	0.268952	1.15869	1.15869
cg13527872	DAPK1	0.0257404	0.498747	0.793586	-1.2601	0.172563	0.613398	-1.63026	0.736188	0.892401	-1.12057	0.911224	0.963147	-1.03826	0.0274319	2.40671	2.40671
cg13752933	DAPK1	0.0406578	0.0843599	0.316199	-3.16257	0.101992	0.339803	-2.94288	0.0418802	0.243117	-4.11324	0.0325752	0.221247	-4.51983	0.0122651	0.152399	-6.56174
cg14014720	DAPK1	0.0429437	0.065276	0.412149	-2.42631	0.887312	1.06261	1.06261	0.329594	1.53872	1.53872	0.279452	0.617783	-1.61869	0.173742	0.538005	-1.85872
cg07619672	DAPK2	0.015424	0.0492705	1.58891	1.58891	0.147466	0.725643	-1.37809	0.297532	1.24961	1.24961	0.0441385	1.61145	1.61145	0.00541908	0.469947	-2.1279
cg04439584	DAPK2	0.0177681	0.787236	0.961393	-1.04016	0.785629	1.04048	1.04048	0.699617	0.945136	-1.05805	0.0224932	0.671798	-1.48854	0.158527	0.803026	-1.24529
cg09177277	DAPK2	0.0190546	0.228311	0.828586	-1.20688	0.850074	1.02854	1.02854	0.494199	1.10876	1.10876	0.461969	0.894618	-1.1178	0.0110519	0.622545	-1.60631
cg11266582	DAPK2	0.0206131	0.695163	1.05877	1.05877	0.597494	0.925645	-1.08033	0.0460173	0.7178	-1.39315	0.852802	0.973427	-1.0273	0.175748	0.811592	-1.23215
cg13961179	DAPK2	0.0239462	0.27481	1.26702	1.26702	0.0141994	0.532508	-1.87791	0.0365172	0.602775	-1.65899	0.799362	0.948332	-1.05448	0.655119	1.09817	1.09817
cg13983566	DAPK2	0.0292217	0.613151	1.12672	1.12672	0.351143	0.798858	-1.25179	0.0191985	0.515277	-1.9407	0.859009	1.04249	1.04249	0.00269815	0.379022	-2.63837
cg06904649	DAPK2	0.0368801	0.724053	1.11394	1.11394	0.00648836	2.93611	2.93611	0.948147	0.980397	-1.02	0.038223	2.07746	2.07746	0.0943	1.7505	1.7505
cg11775215	DAPK2	0.0382145	0.128092	0.519548	-1.92475	0.0212605	0.332167	-3.01054	0.0535748	0.417861	-2.39314	0.766647	0.888286	-1.12576	0.00179927	0.170768	-5.85588
cg00307150	DAPK2	0.049972	0.890601	1.02872	1.02872	0.0288353	0.588384	-1.69957	0.0558868	0.640385	-1.56156	0.72952	1.07404	1.07404	0.00865782	0.502257	-1.99101
cg07790807	DAPK3	5.74E-05	0.450025	0.899864	-1.11128	0.000195055	0.423567	-2.3609	7.75E-05	0.374986	-2.66677	0.915518	1.01465	1.01465	8.34E-06	0.264012	-3.78771
cg18707867	DAPK3	7.85E-05	0.00123324	2.44297	2.44297	0.53818	1.12506	1.12506	0.186751	1.30291	1.30291	0.828374	0.959783	-1.0419	0.24158	1.26081	1.26081
cg13144588	DAPK3	0.000139177	0.00202116	0.45597	-2.19313	5.13E-05	0.25478	-3.92495	0.0118887	0.567662	-1.76161	0.0743516	0.698676	-1.43128	1.41E-05	0.195415	-5.11732
cg04284660	DAPK3	0.000764085	0.217089	0.764627	-1.30783	0.892662	1.02829	1.02829	0.385803	0.832164	-1.20169	0.269318	0.788422	-1.26836	6.30E-06	0.124418	-8.03744
cg14748455	DAPK3	0.00120318	0.14101	1.26501	1.26501	0.0701413	0.740364	-1.35069	0.888954	1.02096	1.02096	0.795558	1.03931	1.03931	0.0189355	0.655752	-1.52497
cg00473257	DAPK3	0.00345187	0.0642033	0.824117	-1.21342	0.000143009	0.543468	-1.84004	0.0132864	0.751735	-1.33026	0.587908	1.05221	1.05221	0.364685	0.917008	-1.0905
cg19109007	DAPK3	0.0132415	0.246054	0.855699	-1.16864	0.248452	0.856435	-1.16763	0.0183757	1.44414	1.44414	0.100371	0.793562	-1.26014	0.000870801	1.89954	1.89954
cg18459205	DAPK3	0.0152434	0.673219	1.15134	1.15134	0.0253241	2.41902	2.41902	0.0056831	0.299621	-3.33755	0.634663	0.852962	-1.17239	0.122561	1.74354	1.74354
cg18226382	DAPK3	0.021438	0.144277	1.49246	1.49246	0.282189	0.751778	-1.33018	0.00546475	2.54192	2.54192	0.0257773	1.96593	1.96593	0.0259731	0.509281	-1.96355
cg06647026	DAPK3	0.0361539	0.946255	1.02048	1.02048	0.694735	1.12593	1.12593	0.0425523	2.0183	2.0183	0.232575	0.686291	-1.45711	0.0408504	0.491702	-2.03375
cg26585416	DAPK3;DAPK3	0.000309873	0.109233	0.755139	-1.32426	9.57E-05	3.05497	3.05497	0.706745	0.94103	-1.06267	0.00217277	1.99726	1.99726	0.00301467	1.9231	1.9231
cg03752885	DAPK3;DAPK3	0.000773027	0.831591	0.969408	-1.03156	6.47E-05	2.91763	2.91763	0.635548	1.07214	1.07214	0.00576477	1.69526	1.69526	0.142259	1.25879	1.25879
cg27028514	DAPK3;MIR637	0.000383963	3.65E-05	0.279643	-3.57598	0.200594	1.24195	1.24195	0.913535	1.01756	1.01756	0.172439	1.26208	1.26208	0.000193644	0.365858	-2.7333
cg24936299	DAPL1	0.0164355	0.00351622	0.108013	-9.25816	0.0673952	0.315886	-3.1657	0.0472717	0.279066	-3.58338	0.0616146	0.306127	-3.26661	0.00922073	0.155912	-6.41388
cg07814567	DAPP1	8.29E-05	0.320852	1.1189	1.1189	0.00136114	0.600959	-1.66401	4.41E-06	0.31395	-3.18522	0.0134855	0.715343	-1.39793	0.775166	0.969121	-1.03186
cg06398236	DAPP1	0.00199394	0.0153567	0.385463	-2.59429	0.0148479	0.382811	-2.61226	0.000818787	0.198682	-5.03316	0.000479319	0.17276	-5.78839	0.00223098	0.253544	-3.9441
cg21614638	DAPP1	0.0239061	0.9283	1.01797	1.01797	0.0337209	0.6122	-1.63345	0.757639	0.940591	-1.06316	0.0186407	0.568754	-1.75823	0.685493	1.0839	1.0839
cg24690709	DAPP1	0.0399148	0.164796	0.778368	-1.28474	0.562097	1.10418	1.10418	0.818321	0.961846	-1.03967	0.0053773	0.538124	-1.85831	0.0774437	0.71759	-1.39355
cg10397389	DAPP1;DAPP1	0.00473981	0.933055	0.983558	-1.01672	0.355515	0.828991	-1.20629	0.000158098	0.27943	-3.57872	0.0339437	0.61352	-1.62994	0.644586	1.09599	1.09599
cg07202479	DARC;DARC	0.0110104	0.171646	0.632784	-1.58032	0.131019	1.66988	1.66988	0.233144	1.48162	1.48162	0.304517	0.715771	-1.39709	0.0188838	0.408911	-2.44552
cg23507131	DARC;DARC	0.0454332	0.055199	0.588613	-1.69891	0.0917546	1.57251	1.57251	0.321843	1.28344	1.28344	0.463126	0.83352	-1.19973	0.0366593	0.553233	-1.80756
cg02221347	DARS	0.0101376	0.000493544	0.368694	-2.71228	0.520409	0.887668	-1.12655	0.504785	1.13177	1.13177	0.417315	0.859329	-1.1637	0.126124	0.738835	-1.35348
cg26386044	DARS	0.0195605	0.780282	0.928032	-1.07755	0.293288	0.747386	-1.338	0.50916	0.836224	-1.19585	0.271584	1.35755	1.35755	0.17065	0.677268	-1.47652
cg23724117	DARS	0.0313264	0.0660892	0.492113	-2.03205	0.0960872	1.87482	1.87482	0.763908	1.10915	1.10915	0.0808173	0.513826	-1.94619	0.00167376	0.2132	-4.69044
cg20829055	DARS2	0.0122361	0.0715092	1.37666	1.37666	0.253487	1.20855	1.20855	0.0229854	0.649232	-1.54028	0.0560487	0.709118	-1.4102	0.102578	0.752981	-1.32806
cg25061451	DARS2	0.0288639	0.077029	0.240235	-4.16258	0.0360149	0.170497	-5.86522	0.0259369	0.146949	-6.80507	0.113782	0.287075	-3.4834	0.00724149	0.0810023	-12.3453
cg18486541	DAXX;DAXX;DAXX;DAXX	7.78E-07	5.45E-05	0.535233	-1.86835	6.95E-07	3.31777	3.31777	0.0209664	0.807499	-1.23839	8.14E-07	3.22806	3.22806	6.69E-06	0.423599	-2.36072
cg18934106	DAXX;DAXX;DAXX;DAXX	0.000319625	0.000151438	0.234694	-4.26087	0.138761	0.700983	-1.42657	0.437112	0.838011	-1.1933	0.0476884	0.603609	-1.6567	0.000513672	0.298556	-3.34946
cg20818407	DAXX;DAXX;DAXX;DAXX	0.00057898	0.000438302	0.102113	-9.79307	0.000299524	0.0892651	-11.2026	0.0254983	0.336109	-2.97522	0.0213924	0.321212	-3.11321	0.000891636	0.129522	-7.72069
cg23911291	DAXX;DAXX;DAXX;DAXX	0.000927761	6.51E-05	0.140048	-7.14043	0.47417	0.822742	-1.21545	0.516889	1.19262	1.19262	0.800108	0.93425	-1.07038	0.0481132	0.54579	-1.83221
cg16315106	DAXX;DAXX;DAXX;DAXX	0.00106322	0.000296279	0.0455782	-21.9403	0.0202462	0.230511	-4.33819	0.100312	0.389189	-2.56944	0.180231	0.474302	-2.10836	0.0187501	0.224717	-4.45004
cg07905975	DAXX;DAXX;DAXX;DAXX	0.00147677	0.000254689	0.101135	-9.88779	0.00243439	0.201	-4.97512	0.0420943	0.410436	-2.43643	0.0718806	0.465771	-2.14698	0.00474007	0.240175	-4.16364
cg09097215	DAXX;DAXX;DAXX;DAXX	0.00382953	0.0931137	0.752737	-1.32849	0.937184	0.987954	-1.01219	0.00566586	0.572299	-1.74734	0.155321	1.2634	1.2634	0.15564	0.791678	-1.26314
cg04086445	DAXX;DAXX;DAXX;DAXX	0.00390485	0.0280678	0.586225	-1.70583	0.51166	0.871957	-1.14685	0.813943	1.04973	1.04973	0.050111	0.631409	-1.58376	0.795778	0.94801	-1.05484
cg00949008	DAXX;DAXX;DAXX;DAXX	0.00487507	0.000510507	0.175813	-5.68786	0.02442	0.423626	-2.36057	0.731633	0.895598	-1.11657	0.908312	1.03759	1.03759	0.327187	0.723272	-1.38261
cg03477252	DAXX;DAXX;DAXX;DAXX	0.00502996	0.00154105	0.107373	-9.31331	0.019989	0.252769	-3.95618	0.0306949	0.288398	-3.46743	0.232065	0.541233	-1.84763	0.0544455	0.343394	-2.91211
cg10285420	DAXX;DAXX;DAXX;DAXX	0.00586163	0.00124854	0.294885	-3.39115	0.0203913	0.48484	-2.06254	0.0569629	0.572403	-1.74702	0.135845	0.659492	-1.51632	0.00868898	0.420556	-2.37781
cg19384106	DAXX;DAXX;DAXX;DAXX	0.00615979	0.00621915	0.13269	-7.53639	0.00528922	0.124711	-8.01856	0.0718638	0.320493	-3.1202	0.0963965	0.355687	-2.81146	0.00295467	0.0991825	-10.0824
cg09365002	DAXX;DAXX;DAXX;DAXX	0.00642232	0.00290724	0.0295782	-33.8087	0.0238953	0.0983906	-10.1636	0.0559698	0.155263	-6.4407	0.558766	0.601286	-1.6631	0.0319964	0.115133	-8.6856
cg17251196	DAXX;DAXX;DAXX;DAXX	0.00658728	0.00111722	0.0632244	-15.8167	0.0393227	0.253749	-3.9409	0.277968	0.522612	-1.91347	0.915849	1.06268	1.06268	0.0761216	0.321366	-3.11172
cg12727605	DAXX;DAXX;DAXX;DAXX	0.00677927	0.12263	0.6143	-1.62787	0.674383	1.13098	1.13098	0.793141	0.926306	-1.07956	0.364693	1.31168	1.31168	0.334292	1.3365	1.3365
cg27584448	DAXX;DAXX;DAXX;DAXX	0.00699761	0.0170787	0.59768	-1.67314	0.00189028	0.458591	-2.18059	0.303987	0.82823	-1.20739	0.18982	0.78205	-1.27869	0.00468768	0.514066	-1.94528
cg22904406	DAXX;DAXX;DAXX;DAXX	0.00785338	0.0014613	0.145211	-6.88655	0.0117554	0.266771	-3.74854	0.0484863	0.388109	-2.5766	0.0739333	0.433311	-2.30781	0.0127647	0.272797	-3.66573
cg05325705	DAXX;DAXX;DAXX;DAXX	0.00931413	0.000325906	0.145916	-6.85327	0.217325	0.650459	-1.53738	0.665332	1.15512	1.15512	0.73178	1.12076	1.12076	0.0929524	0.542012	-1.84498
cg14746369	DAXX;DAXX;DAXX;DAXX	0.00978152	0.214571	1.18463	1.18463	0.823934	1.02932	1.02932	0.171504	0.827967	-1.20778	0.58701	1.07371	1.07371	0.0833224	1.28223	1.28223
cg18967278	DAXX;DAXX;DAXX;DAXX	0.0112225	0.833127	0.955919	-1.04611	0.282583	1.26945	1.26945	0.667972	1.09659	1.09659	0.824009	1.04874	1.04874	0.244073	0.770736	-1.29746
cg04973788	DAXX;DAXX;DAXX;DAXX	0.0120398	0.399407	1.19012	1.19012	0.110542	0.704091	-1.42027	0.087693	0.683646	-1.46275	0.572365	1.12199	1.12199	0.528652	1.13745	1.13745
cg24498636	DAXX;DAXX;DAXX;DAXX	0.0133267	0.00272873	0.118399	-8.44601	0.0339641	0.278992	-3.58433	0.282157	0.561939	-1.77955	0.0952846	0.388611	-2.57326	0.0373629	0.287664	-3.47628
cg14499959	DAXX;DAXX;DAXX;DAXX	0.0163346	0.00602206	0.0338733	-29.5218	0.0179808	0.0664137	-15.0571	0.195457	0.274828	-3.63865	0.83253	0.818932	-1.2211	0.0207776	0.0723999	-13.8122
cg18704865	DAXX;DAXX;DAXX;DAXX	0.0183015	0.00230917	0.12848	-7.78333	0.0547344	0.34989	-2.85804	0.428791	0.67752	-1.47597	0.39227	0.655462	-1.52564	0.0205394	0.260557	-3.83794
cg01893963	DAXX;DAXX;DAXX;DAXX	0.0209959	0.00123177	0.219658	-4.55254	0.329555	0.72415	-1.38093	0.798173	1.08567	1.08567	0.624337	1.17154	1.17154	0.130236	0.592004	-1.68918
cg26500914	DAXX;DAXX;DAXX;DAXX	0.0213361	0.0102088	0.219575	-4.55426	0.0373651	0.322723	-3.09863	0.521956	0.738	-1.35501	0.202128	0.532362	-1.87842	0.00926462	0.213147	-4.6916
cg15070677	DAXX;DAXX;DAXX;DAXX	0.0226225	0.0112032	0.0230905	-43.3078	0.0178332	0.032885	-30.409	0.138471	0.150906	-6.62663	0.999317	1.00102	1.00102	0.0373522	0.0569906	-17.5468
cg09597022	DAXX;DAXX;DAXX;DAXX	0.0240052	0.0119083	0.0384412	-26.0137	0.0335922	0.075991	-13.1594	0.0776964	0.130588	-7.65769	0.22043	0.262481	-3.8098	0.0306396	0.0715976	-13.9669
cg05147195	DAXX;DAXX;DAXX;DAXX	0.0248776	0.00634249	0.0879892	-11.365	0.0337701	0.183501	-5.44956	0.107109	0.300278	-3.33025	0.0637622	0.240418	-4.15943	0.0113299	0.114315	-8.74776
cg26858238	DAXX;DAXX;DAXX;DAXX	0.0275436	0.0358687	0.252938	-3.95354	0.0174788	0.196184	-5.09726	0.227874	0.490336	-2.03942	0.194515	0.461756	-2.16565	0.00879887	0.15285	-6.54237
cg04152866	DAXX;DAXX;DAXX;DAXX	0.0285149	0.129649	1.16384	1.16384	0.0799743	1.19725	1.19725	0.343231	1.0947	1.0947	0.513527	1.06332	1.06332	0.0272451	1.27398	1.27398
cg20849032	DAXX;DAXX;DAXX;DAXX	0.0299944	0.00771182	0.0731112	-13.6778	0.056704	0.192396	-5.19762	0.458234	0.561481	-1.78101	0.332429	0.465775	-2.14696	0.025617	0.131836	-7.5852
cg13851641	DAXX;DAXX;DAXX;DAXX	0.0324126	0.0330807	0.475106	-2.10479	0.00469046	0.325471	-3.07247	0.060264	0.531053	-1.88305	0.325592	0.738486	-1.35412	0.0244437	0.449006	-2.22714
cg21521230	DAXX;DAXX;DAXX;DAXX	0.0325749	0.00616951	0.168449	-5.93653	0.0599635	0.3471	-2.88102	0.793098	0.877159	-1.14004	0.540594	1.3619	1.3619	0.106888	0.415751	-2.40529
cg00187059	DAXX;DAXX;DAXX;DAXX	0.0355445	0.00599823	0.291593	-3.42944	0.397571	0.74285	-1.34617	0.58926	0.829393	-1.2057	0.307334	0.695829	-1.43713	0.0146553	0.356551	-2.80465
cg11245145	DAXX;DAXX;DAXX;DAXX	0.0365336	0.0160529	0.341344	-2.92959	0.015034	0.33617	-2.97468	0.233634	0.634154	-1.5769	0.0936677	0.510467	-1.95899	0.0165718	0.343877	-2.90801
cg21350498	DAXX;DAXX;DAXX;DAXX	0.0372218	0.00934779	0.126391	-7.91197	0.0221292	0.178793	-5.59307	0.0726671	0.284629	-3.51335	0.898761	0.923237	-1.08315	0.0285992	0.197783	-5.05604
cg17079757	DAXX;DAXX;DAXX;DAXX	0.0381309	0.02057	0.378173	-2.64429	0.0256812	2.51871	2.51871	0.843447	0.933398	-1.07135	0.0714593	2.01717	2.01717	0.0215362	0.382009	-2.61774
cg07607074	DAXX;DAXX;DAXX;DAXX	0.0390641	0.00415591	0.237726	-4.20651	0.183519	0.589965	-1.69501	0.850833	1.07294	1.07294	0.239183	0.630681	-1.58559	0.0484818	0.430425	-2.32329
cg00035673	DAXX;DAXX;DAXX;DAXX	0.0398552	0.013794	0.242815	-4.11837	0.00499915	0.177748	-5.62595	0.0368781	0.323918	-3.0872	0.615888	0.7904	-1.26518	0.0404946	0.332798	-3.00482
cg08375286	DAXX;DAXX;DAXX;DAXX	0.041937	0.00802115	0.206273	-4.84794	0.132165	2.12776	2.12776	0.98253	1.01023	1.01023	0.0574133	2.71471	2.71471	0.0324321	0.312351	-3.20153
cg24513883	DAXX;DAXX;DAXX;DAXX	0.0444118	0.13723	1.72533	1.72533	0.769174	1.10424	1.10424	0.272881	1.47217	1.47217	0.320629	1.41536	1.41536	0.0117755	0.333456	-2.9989
cg24354924	DAXX;DAXX;DAXX;DAXX	0.0460816	0.0211011	0.139588	-7.16392	0.0177212	0.129059	-7.74837	0.157035	0.34148	-2.92843	0.354381	0.508426	-1.96685	0.0341804	0.172976	-5.78116
cg03382121	DAXX;DAXX;DAXX;DAXX	0.0472973	0.00497935	0.235433	-4.2475	0.663767	0.843515	-1.18552	0.223347	0.607882	-1.64506	0.0434655	2.46803	2.46803	0.0673184	0.45038	-2.22035
cg06171013	DAXX;DAXX;DAXX;DAXX	0.0480367	0.0425903	0.771135	-1.29679	0.0207356	0.733468	-1.36339	0.368818	1.10821	1.10821	0.836367	1.02329	1.02329	0.0189269	0.728772	-1.37217
cg18944910	DAXX;DAXX;DAXX;DAXX;DAXX;DAXX;DAXX	0.0133872	?	?	?	?	?	?	0.00911556	0.1662	-6.01683	0.0120935	5.22536	5.22536	0.0501919	2.86435	2.86435
cg20618109	DAXX;DAXX;ZBTB22;DAXX;DAXX	6.17E-05	5.17E-05	0.263647	-3.79294	0.0050328	0.520461	-1.92137	0.00174742	0.455957	-2.19319	0.0203435	0.611255	-1.63598	6.82E-06	0.172628	-5.79282
cg25700339	DAXX;DAXX;ZBTB22;DAXX;DAXX	0.00995118	0.057881	0.768874	-1.3006	0.00537652	0.638091	-1.56717	0.0213806	1.40348	1.40348	0.73314	0.958917	-1.04284	0.172018	0.836771	-1.19507
cg17939569	DAZ2;DAZ4;DAZ3;DAZ2;DAZ4	0.0272697	0.637427	0.881143	-1.13489	0.00531125	0.254618	-3.92745	0.0102381	0.320971	-3.11555	?	?	?	?	?	?
cg24866219	DAZAP1;DAZAP1	9.49E-05	0.144659	1.3609	1.3609	0.0136121	0.548616	-1.82277	0.00872332	1.92947	1.92947	0.000131336	0.271087	-3.68885	2.16E-05	0.186367	-5.36577
cg19824379	DAZAP1;DAZAP1	0.000935447	0.0201713	0.639397	-1.56397	0.000891226	0.451893	-2.21291	0.29339	0.840323	-1.19002	0.971263	0.994267	-1.00577	2.95E-05	0.270679	-3.69441
cg17765461	DAZAP1;DAZAP1	0.00186956	0.852759	1.01626	1.01626	0.000227762	0.587578	-1.7019	0.0090094	0.749589	-1.33407	0.479889	0.939563	-1.06433	0.0197074	0.783098	-1.27698
cg07811113	DAZAP1;DAZAP1	0.00267582	0.0172918	1.82641	1.82641	0.096018	1.4619	1.4619	0.601951	1.11552	1.11552	0.00347938	0.438772	-2.27909	0.000597668	0.332718	-3.00555
cg07766847	DAZAP1;DAZAP1	0.00683358	0.90011	0.933805	-1.07089	0.0195621	4.65858	4.65858	0.159931	2.26801	2.26801	0.105683	2.62194	2.62194	0.237951	0.50957	-1.96244
cg26067647	DAZAP1;DAZAP1	0.0123375	0.145838	1.31908	1.31908	0.0366272	1.53832	1.53832	0.045989	1.50021	1.50021	0.0336551	1.55276	1.55276	0.00208933	0.463938	-2.15546
cg06341721	DAZAP1;DAZAP1	0.0247917	0.719155	0.87193	-1.14688	0.0495366	2.34073	2.34073	0.258911	0.63952	-1.56367	0.0114679	3.32168	3.32168	0.0501786	0.428515	-2.33364
cg10133935	DAZAP1;DAZAP1	0.0411303	0.238072	0.801019	-1.24841	0.0135535	1.73067	1.73067	0.650519	0.921381	-1.08533	0.099136	1.38342	1.38342	0.575207	1.107	1.107
cg11656553	DAZAP1;DAZAP1	0.0415015	0.195862	2.35057	2.35057	0.0037288	11.5592	11.5592	0.00532667	9.91533	9.91533	0.204551	2.30828	2.30828	0.350501	1.82291	1.82291
cg02359186	DAZAP1;DAZAP1	0.0433496	0.686155	1.12288	1.12288	0.974168	0.990804	-1.00928	0.262555	1.39552	1.39552	0.94523	0.98059	-1.01979	0.798938	1.07554	1.07554
cg15674719	DAZAP1;DAZAP1;DAZAP1;DAZAP1	0.00663708	0.132205	0.831694	-1.20236	0.0577912	1.27547	1.27547	0.00842442	1.4647	1.4647	0.568703	0.936747	-1.06752	0.0356611	0.757799	-1.31961
cg18617679	DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.000367133	6.64E-06	0.19754	-5.06227	0.316429	1.18258	1.18258	0.390761	0.867286	-1.15302	0.299766	0.840299	-1.19005	0.000884688	0.446323	-2.24053
cg00554948	DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.00123151	0.00392262	0.214209	-4.66835	0.000101872	0.0650881	-15.3638	0.0016094	0.166061	-6.02187	0.717654	1.15504	1.15504	0.00596765	0.24007	-4.16545
cg11739480	DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.00391166	0.00108322	0.231603	-4.31773	0.612513	0.85653	-1.1675	0.0467364	1.99452	1.99452	0.00596444	2.97436	2.97436	0.293863	0.718826	-1.39116
cg05964952	DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.0130762	0.75697	1.0367	1.0367	0.63349	1.05736	1.05736	0.529938	0.928786	-1.07667	0.683324	1.04877	1.04877	0.0123737	1.43554	1.43554

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18037826	0.209501	0.698483	-1.43167	0.000505821	0.228893	-4.36886	0.00117354	0.274713	-3.64017	0.0197029	0.465706	-2.14728	14.581	16.9972	1.03619	1
cg25362648	0.219708	0.703855	-1.42075	0.000154691	0.171392	-5.83457	0.00724181	0.389509	-2.56733	0.0925744	0.604305	-1.65479	8.70836	10.2128	1.04245	1
cg22621535	0.285197	0.912474	-1.09592	0.29239	0.913806	-1.09432	0.423746	0.934807	-1.06974	0.118228	0.869392	-1.15023	4.6681	0.503383	0.095853	1
cg01694331	0.940544	1.02205	1.02205	0.0308663	0.47657	-2.09833	0.0160635	0.422556	-2.36655	0.123691	0.614176	-1.6282	4.23743	5.73635	1.20332	1
cg12592321	0.000292373	0.346071	-2.88958	1.93E-05	0.210396	-4.75295	0.00358934	0.492219	-2.03161	0.00143935	0.436898	-2.28887	23.3348	11.9396	0.454812	1
cg22773522	0.000404953	0.361302	-2.76777	0.750227	1.05954	1.05954	0.250984	0.804771	-1.24259	0.042511	0.655096	-1.52649	10.7508	5.58317	0.461623	1
cg13846327	0.00409636	0.254523	-3.92892	0.000139188	0.0965051	-10.3622	0.318484	0.693298	-1.44238	0.0851029	0.508471	-1.96668	11.8233	23.634	1.77683	1
cg25623522	0.911153	0.975422	-1.0252	0.238607	1.31675	1.31675	0.356432	0.809403	-1.23548	0.564485	0.878218	-1.13867	5.10712	4.02011	0.699696	1
cg11374446	0.634185	1.09424	1.09424	0.139591	1.34808	1.34808	0.0835532	0.697785	-1.43311	0.213522	0.781845	-1.27903	4.68452	2.61889	0.496935	1
cg14739039	0.3757	0.885349	-1.1295	0.79839	1.03488	1.03488	2.24E-05	3.12164	3.12164	0.983758	0.997277	-1.00273	11.7251	3.33166	0.252576	1
cg14662675	0.137773	0.734271	-1.36189	0.175465	0.75696	-1.32107	0.578218	1.11466	1.11466	0.0140663	0.556627	-1.79654	11.0173	6.51741	0.525833	1
cg11027354	0.0737224	0.814312	-1.22803	0.00112671	0.61022	-1.63875	0.0274736	1.30826	1.30826	0.00139141	1.61176	1.61176	8.4544	1.42158	0.149464	1
cg18867653	0.0438506	0.567909	-1.76085	0.00192551	0.329267	-3.03705	0.0011397	0.295551	-3.38351	0.00621247	0.41068	-2.43499	9.5812	8.48075	0.688446	1
cg19633004	0.538666	1.20213	1.20213	0.435747	0.790452	-1.2651	0.435925	0.790527	-1.26498	0.0871073	0.571964	-1.74836	8.06289	11.1676	1.23117	1
cg00143606	0.426777	0.86757	-1.15264	0.091528	1.38444	1.38444	0.0493456	0.675218	-1.481	0.000961591	0.422835	-2.36499	7.43037	3.60675	0.431472	1
cg02506353	0.00943132	1.35691	1.35691	0.629947	1.04606	1.04606	0.212563	0.885344	-1.1295	0.431968	1.07723	1.07723	6.09422	0.830402	0.12112	1
cg16362140	0.970939	1.00462	1.00462	0.000940781	1.86658	1.86658	0.823117	0.972077	-1.02873	0.1177	1.23976	1.23976	5.2147	1.32145	0.225253	1
cg25143743	0.0928628	0.301305	-3.31889	0.00100039	0.0420038	-23.8074	0.1161	0.33022	-3.02829	0.0485915	0.231859	-4.31297	4.84572	32.3056	5.92607	1
cg20963696	0.170446	1.28085	1.28085	0.0021341	2.07844	2.07844	0.336786	0.845421	-1.18284	0.79261	1.04569	1.04569	4.40581	2.0061	0.404738	1
cg13088939	0.121899	1.22511	1.22511	0.000508222	0.518075	-1.93022	0.488669	1.08891	1.08891	0.0607153	1.2918	1.2918	5.85958	1.36071	0.206417	1
cg06437799	0.041898	0.218315	-4.58053	0.00931501	0.11756	-8.5063	0.0108697	0.125505	-7.96782	0.0633683	0.257942	-3.87684	4.53546	26.8943	5.92977	1
cg05966498	0.747922	1.01936	1.01936	0.0143944	0.835804	-1.19645	0.0030976	1.27207	1.27207	0.0678279	1.12933	1.12933	8.43908	0.472512	0.0497697	1
cg17984409	8.28E-07	0.233637	-4.28014	8.20E-07	0.233212	-4.28794	0.25569	0.877206	-1.13998	2.49E-06	0.283886	-3.52255	66.5393	12.8473	0.171625	1
cg15746719	0.869669	1.08446	1.08446	0.0632138	0.356401	-2.80583	0.000100532	30.1151	30.1151	0.78995	0.87649	-1.14091	16.3474	56.1136	3.43257	1
cg13964439	0.00109415	0.260508	-3.83866	0.00526612	0.35788	-2.79423	0.001264	0.268698	-3.72166	0.00060594	0.228481	-4.37673	12.9445	15.9907	1.09806	1
cg13814950	0.975408	0.995341	-1.00468	8.98E-06	0.232911	-4.29349	0.339303	1.1609	1.1609	0.0812744	0.746206	-1.34011	12.2742	4.46072	0.323041	1
cg14286732	0.0373985	0.511493	-1.95506	0.00127241	0.271271	-3.68635	0.0505102	0.538696	-1.85633	0.00188623	0.294423	-3.39647	11.0238	13.45	1.08453	1
cg05475556	0.00724512	1.41733	1.41733	0.00039292	1.76568	1.76568	0.00200816	0.644783	-1.55091	0.253344	1.1276	1.1276	10.4756	1.6813	0.142664	1
cg13778339	0.038632	0.546583	-1.82955	0.000122309	0.184344	-5.42464	0.226518	0.725976	-1.37746	0.0133143	0.461447	-2.1671	9.11813	9.18461	0.89537	1
cg01463032	0.0156746	0.563419	-1.77488	0.927167	0.982447	-1.01787	0.41256	0.850214	-1.17617	0.00823921	0.519676	-1.92428	9.0157	5.35686	0.528151	1
cg24754277	0.781576	0.926589	-1.07923	0.0086592	0.399314	-2.5043	0.510538	0.832697	-1.20092	0.00330008	0.333549	-2.99806	7.96941	9.49758	1.05934	1
cg02100497	0.150548	0.710153	-1.40815	0.0749888	0.643736	-1.55343	0.497571	0.858154	-1.16529	0.019688	0.53483	-1.86975	7.07055	5.52538	0.694635	1
cg14089032	0.74546	1.07207	1.07207	0.814731	1.05143	1.05143	0.224204	0.761255	-1.31362	0.00109494	0.357405	-2.79795	5.9618	4.30991	0.642596	1
cg19734228	0.884624	1.01875	1.01875	0.02702	0.715378	-1.39786	0.00104082	1.86099	1.86099	0.0245885	1.40847	1.40847	5.19129	1.34559	0.230401	1
cg13527872	0.0225243	0.39856	-2.50903	0.0897994	0.532812	-1.87683	0.0100353	2.98652	2.98652	0.162185	0.605058	-1.65273	4.31316	7.74249	1.59563	1
cg13752933	0.474886	0.645188	-1.54993	0.00596177	0.114394	-8.74175	0.945566	0.959659	-1.04204	0.063807	0.284654	-3.51303	3.66105	21.0864	5.1197	1
cg14014720	0.784306	1.1247	1.1247	0.0241807	0.316242	-3.16214	0.014715	3.61843	3.61843	0.0863194	0.444136	-2.25156	3.5876	10.4243	2.58279	1
cg07619672	0.693811	0.921604	-1.08506	0.016377	1.832	1.832	0.178808	0.744755	-1.34272	0.275241	1.26391	1.26391	5.1331	3.461	0.599335	1
cg04439584	0.680341	1.06215	1.06215	0.000689198	2.12572	2.12572	0.896342	1.01915	1.01915	0.653065	0.936268	-1.06807	4.89642	1.6426	0.298195	1
cg09177277	0.00680919	0.593703	-1.68434	0.0202193	1.51657	1.51657	0.100228	1.3071	1.3071	0.476241	1.11373	1.11373	4.78242	1.675	0.311325	1
cg11266582	0.863251	1.02531	1.02531	0.00067854	2.12369	2.12369	0.593527	0.924856	-1.08125	0.55249	0.916549	-1.09105	4.65648	1.55062	0.296002	1
cg13961179	0.00435567	2.21099	2.21099	0.191237	1.33406	1.33406	0.457431	0.854174	-1.17072	0.81219	1.05083	1.05083	4.42283	3.03909	0.610787	1
cg13983566	0.126032	1.47315	1.47315	0.306496	1.28116	1.28116	0.262809	1.31419	1.31419	0.403209	0.818574	-1.22164	4.1251	3.57816	0.771034	1
cg06904649	0.00809817	2.80714	2.80714	0.0201701	2.34654	2.34654	0.504785	1.22878	1.22878	0.154957	1.58937	1.58937	3.79435	5.56844	1.3045	1
cg11775215	0.56366	1.26158	1.26158	0.594904	0.807648	-1.23816	0.969868	1.01515	1.01515	0.227727	0.604101	-1.65535	3.74541	9.39887	2.23061	1
cg00307150	0.612971	0.90036	-1.11067	0.0565256	1.55929	1.55929	0.402185	0.838266	-1.19294	0.408028	0.84018	-1.19022	3.38885	2.27253	0.596079	1
cg07790807	0.0683459	0.755974	-1.3228	2.22E-05	0.3115	-3.21027	0.659944	1.06257	1.06257	0.280038	0.857329	-1.16641	25.6666	7.63853	0.264538	1
cg18707867	0.0176235	1.72621	1.72621	1.67E-06	0.103057	-9.70341	0.449648	0.864458	-1.15679	0.629397	1.09629	1.09629	23.6156	13.3697	0.503235	1
cg13144588	0.000120377	0.297609	-3.36011	0.00103942	0.41654	-2.40073	0.00438988	0.503585	-1.98576	0.0509576	0.66968	-1.49325	20.2615	10.4368	0.457871	1
cg04284660	0.254338	0.781952	-1.27885	0.856658	1.03807	1.03807	0.0342062	0.600123	-1.66632	0.461059	0.856355	-1.16774	12.695	8.58587	0.601172	1
cg14748455	0.000910422	0.478828	-2.08843	8.03E-05	0.347502	-2.87768	0.098227	1.30903	1.30903	0.0576138	0.727028	-1.37546	11.1633	3.89782	0.310367	1
cg00473257	0.646129	1.04394	1.04394	0.0657426	1.21176	1.21176	0.0130231	0.750834	-1.33185	0.497035	0.937876	-1.06624	8.20773	1.12466	0.1218	1
cg19109007	0.478478	1.09698	1.09698	0.092007	1.26904	1.26904	0.452557	1.1033	1.1033	0.918798	1.01319	1.01319	5.39758	1.41061	0.232304	1
cg18459205	0.0510731	2.09217	2.09217	0.00977638	0.337762	-2.96067	0.820125	1.07861	1.07861	0.721119	0.88773	-1.12647	5.15317	9.00901	1.554	1
cg18226382	0.65204	0.890573	-1.12287	0.746944	1.08617	1.08617	0.215095	1.39536	1.39536	0.132504	0.660716	-1.51351	4.5945	4.74296	0.917613	1
cg06647026	0.00378064	0.308804	-3.2383	0.360602	1.32662	1.32662	0.320497	0.734409	-1.36164	0.332521	0.740354	-1.35071	3.8219	5.47408	1.27315	1
cg26585416	0.0870655	0.737972	-1.35507	0.000773907	0.441193	-2.26658	0.00484841	1.82346	1.82346	0.626823	1.08198	1.08198	16.3049	6.67797	0.36406	1
cg03752885	0.88033	0.978261	-1.02222	0.000532887	0.455382	-2.19596	0.38386	1.13914	1.13914	0.760022	0.956287	-1.04571	12.6536	4.2656	0.299651	1
cg27028514	0.00127412	0.470841	-2.12386	0.458003	1.12877	1.12877	0.850429	0.970196	-1.03072	0.0456756	0.692642	-1.44375	15.3726	6.25473	0.361668	1
cg24936299	0.106344	0.371002	-2.69541	0.014622	0.184427	-5.4222	0.00715704	0.141898	-7.04731	0.0227262	0.215844	-4.63297	5.02584	25.1651	4.45078	1
cg07814567	0.0820745	1.23492	1.23492	0.266803	0.88098	-1.1351	0.575024	1.06401	1.06401	4.50E-05	0.429266	-2.32956	23.2806	4.4234	0.168893	1
cg06398236	0.290143	1.42159	1.42159	0.0131877	0.373591	-2.67672	0.00899027	0.344935	-2.8991	0.0900531	0.549557	-1.81965	9.65043	15.6921	1.44538	1
cg21614638	0.0292674	0.60159	-1.66226	0.169958	1.3354	1.3354	0.0583575	1.52693	1.52693	0.01657	0.560398	-1.78445	4.4254	2.74418	0.551197	1
cg24690709	0.312332	0.838027	-1.19328	0.278179	1.21004	1.21004	0.0281519	1.55011	1.55011	0.984373	1.00332	1.00332	3.68603	1.66879	0.40243	1
cg10397389	0.508034	1.14169	1.14169	0.0948908	1.43645	1.43645	0.350457	1.20882	1.20882	0.0240251	0.587912	-1.70094	7.45911	4.60003	0.548178	1
cg07202479	0.0945401	0.561068	-1.78231	0.00133923	0.230867	-4.3315	0.00931069	0.354372	-2.8219	0.114741	0.5831	-1.71497	5.73077	8.9757	1.3922	1
cg23507131	0.746633	0.924002	-1.08225	0.723308	0.916975	-1.09054	0.00595685	0.416133	-2.40308	0.259654	0.750729	-1.33204	3.51289	3.30762	0.836948	1
cg02221347	0.903473	0.978054	-1.02244	0.1696	1.30682	1.30682	0.0633111	1.46516	1.46516	0.0599908	1.47417	1.47417	5.88483	3.11779	0.470934	1
cg26386044	0.145822	1.5175	1.5175	0.000720471	0.253005	-3.95249	0.519066	1.19075	1.19075	0.0568254	0.562297	-1.77842	4.74017	5.35532	1.00424	1
cg23724117	0.993385	1.00286	1.00286	0.702019	0.876159	-1.14135	0.10854	0.547697	-1.82583	0.73805	0.890979	-1.12236	4.02436	7.53873	1.66513	1
cg20829055	0.584965	0.916131	-1.09155	0.225145	1.22427	1.22427	0.705538	1.06215	1.06215	0.00127132	0.473935	-2.10999	5.53835	2.21282	0.355152	1
cg25061451	0.0304423	0.158022	-6.32822	0.00737188	0.0817031	-12.2394	0.138527	0.314524	-3.1794	0.0278322	0.151732	-6.59059	4.14312	34.5229	7.40674	1
cg18486541	0.462895	0.945539	-1.0576	3.25E-06	0.384325	-2.60196	0.014493	0.79231	-1.26213	0.00387103	0.736881	-1.35707	120.293	10.4185	0.0673628	1
cg18934106	0.0318386	0.570732	-1.75214	2.30E-05	0.151296	-6.60956	0.14173	1.42223	1.42223	0.013746	0.507072	-1.97211	16.1671	12.7259	0.699687	1
cg20818407	0.00320514	0.191572	-5.21998	0.000135235	0.0662353	-15.0977	0.218997	0.588023	-1.70061	0.00223002	0.172189	-5.80758	13.7196	36.6586	2.3751	1
cg23911291	0.0059967	0.381873	-2.61867	0.00638853	0.386256	-2.58896	0.822282	0.941479	-1.06216	0.000258429	0.199542	-5.01148	12.0191	13.6776	1.01155	1
cg16315106	0.0259988	0.250323	-3.99484	0.000140707	0.0319254	-31.323	0.536935	1.3878	1.3878	0.000702677	0.0666865	-14.9955	11.5635	50.3173	3.86788	1
cg07905975	0.00605098	0.255813	-3.90911	0.000403403	0.117768	-8.49131	0.593128	0.814582	-1.22762	0.0049415	0.242789	-4.11879	10.5268	24.1068	2.0356	1
cg09097215	0.997403	1.0005	1.0005	0.000601744	0.443234	-2.25614	0.0880444	1.33569	1.33569	0.0124191	1.61353	1.61353	7.95613	2.97908	0.332833	1
cg04086445	0.170806	1.35016	1.35016	6.64E-05	0.221924	-4.50604	0.793526	0.947436	-1.05548	0.808331	0.951203	-1.0513	7.90965	5.30821	0.596539	1
cg00949008	0.832478	1.0702	1.0702	0.00295884	0.270704	-3.69407	0.815119	0.927722	-1.07791	0.00187269	0.24348	-4.10711	7.39546	12.0159	1.44424	1
cg03477252	0.0120294	0.215632	-4.63753	0.000740347	0.0812845	-12.3025	0.984613	1.00949	1.00949	0.0050129	0.162246	-6.1635	7.32522	27.8351	3.37769	1
cg10285420	0.741746	0.917915	-1.08943	0.000647519	0.257924	-3.87711	0.817049	1.06186	1.06186	0.0765203	0.600311	-1.6658	6.98928	7.42555	0.944373	1
cg19384106	0.00486481	0.120747	-8.28178	0.00202831	0.0850601	-11.7564	0.605465	0.744478	-1.34322	0.0167436	0.191375	-5.22535	6.88304	34.9552	4.51417	1
cg09365002	0.0605892	0.161988	-6.17331	0.000710736	0.0118378	-84.4753	0.853111	0.852605	-1.17288	0.00335012	0.0322428	-31.0146	6.79466	79.6516	10.4202	1
cg17251196	0.0801304	0.327351	-3.05483	0.00288372	0.0946879	-10.561	0.210448	2.13626	2.13626	0.00432907	0.111527	-8.96643	6.7414	35.324	4.65766	1
cg12727605	0.0411523	1.98625	1.98625	0.000219368	6.01469	6.01469	0.00935894	2.61146	2.61146	0.201644	1.48105	1.48105	6.68147	8.97803	1.19442	1
cg27584448	0.0762294	0.705239	-1.41796	0.000606292	0.392312	-2.54899	0.450804	0.872827	-1.1457	0.11182	0.735984	-1.35872	6.61582	3.28368	0.441189	1
cg22904406	0.010679	0.25988	-3.84792	0.00243951	0.170163	-5.87671	0.340382	0.661958	-1.51067	0.0159875	0.289839	-3.45019	6.38116	17.8172	2.48192	1
cg05325705	0.405382	0.754216	-1.32588	0.0177828	0.384856	-2.59837	0.908513	1.03883	1.03883	0.0106112	0.344798	-2.90025	6.04611	10.5136	1.54569	1
cg14746369	0.600179	0.933715	-1.07099	0.000252153	0.457232	-2.18707	0.779167	1.03713	1.03713	0.166076	0.825703	-1.21109	5.95249	1.58538	0.236746	1
cg18967278	0.212754	1.32367	1.32367	0.000204405	0.264504	-3.78065	0.417034	1.1939	1.1939	0.871716	0.966058	-1.03513	5.69562	4.11852	0.642757	1
cg04973788	0.00558398	2.08404	2.08404	0.00194415	0.412985	-2.4214	0.808229	1.05028	1.05028	0.139304	0.72541	-1.37853	5.56751	3.58947	0.573081	1
cg24498636	0.0616186	0.337669	-2.96148	0.00184796	0.102319	-9.77339	0.61246	0.768406	-1.3014	0.00988016	0.186148	-5.37206	5.38626	22.6872	3.74404	1
cg14499959	0.381559	0.428869	-2.33172	0.00394999	0.0258041	-38.7535	0.928096	1.08887	1.08887	0.00803868	0.0406308	-24.6119	5.03617	70.9783	12.5277	1
cg18704865	0.0475232	0.335405	-2.98147	0.0116386	0.218743	-4.57158	0.911868	0.948037	-1.05481	0.00791918	0.193719	-5.16211	4.84795	17.8351	3.27013	1
cg01893963	0.724971	0.892879	-1.11997	0.0113528	0.361791	-2.76402	0.843066	0.9384	-1.06564	0.0172558	0.394358	-2.53577	4.62733	7.54035	1.44847	1
cg26500914	0.0276406	0.29554	-3.38364	0.00334819	0.154294	-6.48113	0.626069	0.794637	-1.25844	0.0373294	0.322633	-3.09949	4.60199	15.9712	3.08488	1
cg15070677	0.308552	0.286622	-3.48892	0.00333962	0.00877485	-113.962	0.985503	0.978687	-1.02178	0.0163206	0.030759	-32.5108	4.51049	100.428	19.7914	1
cg09597022	0.0429367	0.0890395	-11.231	0.00357916	0.0166318	-60.1258	0.95104	1.06583	1.06583	0.0202966	0.0547485	-18.2653	4.41907	75.4407	15.1748	1
cg05147195	0.459387	0.597354	-1.67405	0.0118619	0.116663	-8.57171	0.979441	1.01778	1.01778	0.0179358	0.139831	-7.1515	4.36468	32.3382	6.58585	1
cg26858238	0.0571036	0.297613	-3.36007	0.0028459	0.0990003	-10.101	0.604029	0.744846	-1.34256	0.0927839	0.352979	-2.83303	4.21207	21.1474	4.46282	1
cg04152866	0.527662	1.06109	1.06109	0.00443907	0.70343	-1.42161	0.0515071	1.22803	1.22803	0.534157	1.06008	1.06008	4.16096	0.565915	0.120894	1
cg20849032	0.0872781	0.236296	-4.23198	0.00440888	0.0547798	-18.2549	0.886732	0.896812	-1.11506	0.0253908	0.131277	-7.6175	4.0871	37.7973	8.2204	1
cg13851641	0.0721315	0.549104	-1.82115	0.0294013	0.464782	-2.15155	0.0168692	0.41866	-2.38857	0.0802942	0.560196	-1.78509	3.97559	5.61646	1.25576	1
cg21521230	0.0653535	0.356491	-2.80512	0.0120343	0.209806	-4.76631	0.780916	1.14915	1.14915	0.0240548	0.261478	-3.82441	3.96848	15.6257	3.49996	1
cg00187059	0.0493988	0.463198	-2.1589	0.0194735	0.379384	-2.63585	0.218025	1.55999	1.55999	0.254953	0.665051	-1.50365	3.84557	7.17282	1.65797	1
cg11245145	0.100337	0.5186	-1.92827	0.0108337	0.311244	-3.21291	0.552735	0.803278	-1.2449	0.0310861	0.397317	-2.51688	3.80741	8.02236	1.87292	1
cg21350498	0.526874	0.668767	-1.49529	0.0163204	0.158418	-6.31243	0.718553	0.796846	-1.25495	0.0233262	0.18255	-5.47796	3.78161	23.5819	5.54305	1
cg17079757	0.80805	0.918656	-1.08855	0.391582	1.35795	1.35795	0.937986	1.02749	1.02749	0.273778	0.672345	-1.48733	3.74842	7.21356	1.7106	1
cg07607074	0.405619	0.727472	-1.37462	0.0215693	0.35629	-2.8067	0.197679	1.66396	1.66396	0.0832556	0.488176	-2.04844	3.71534	8.2289	1.96875	1
cg00035673	0.135084	0.472801	-2.11505	0.0307527	0.307315	-3.25399	0.489261	0.721339	-1.38631	0.106973	0.441185	-2.26662	3.68806	12.6304	3.04415	1
cg08375286	0.538376	0.748655	-1.33573	0.702249	0.836537	-1.1954	0.995901	1.00239	1.00239	0.0987332	0.431173	-2.31926	3.61934	12.3774	3.03981	1
cg24513883	0.639292	0.852845	-1.17255	0.0259572	2.49668	2.49668	0.0505411	2.15154	2.15154	0.104009	1.83509	1.83509	3.85771	6.78584	1.36814	1
cg24354924	0.102413	0.281146	-3.55687	0.0134636	0.113939	-8.77662	0.907396	1.08612	1.08612	0.0308623	0.165333	-6.04841	3.49426	27.8936	7.09571	1
cg03382121	0.941553	0.971875	-1.02894	0.0972125	0.492546	-2.03027	0.269781	0.639477	-1.56378	0.273355	0.641778	-1.55817	3.46018	8.29543	2.13102	1
cg06171013	0.177929	1.17276	1.17276	0.621063	0.94604	-1.05704	0.0609563	0.79049	-1.26504	0.575752	1.06496	1.06496	3.43998	0.675127	0.174453	1
cg18944910	0.032172	3.39891	3.39891	0.0192187	4.21898	4.21898	0.445467	1.37834	1.37834	?	?	?	12.9886	19.471	0.999391	1
cg20618109	3.81E-05	0.248848	-4.01852	0.000286941	0.352742	-2.83493	0.268205	0.816284	-1.22506	0.000866683	0.414862	-2.41044	25.1804	12.3553	0.436152	1
cg25700339	0.547468	1.07747	1.07747	0.00510052	1.57408	1.57408	0.823255	0.97295	-1.0278	0.0938484	0.797851	-1.25337	5.91988	1.40876	0.21153	1
cg17939569	0.0130073	0.346543	-2.88565	0.0680902	0.539718	-1.85282	0.0163423	0.371529	-2.69158	0.153765	0.646222	-1.54746	8.64194	6.47969	0.428455	1
cg24866219	0.00011761	0.26549	-3.76661	0.00276738	0.444068	-2.25191	0.920811	1.01975	1.01975	0.0136916	0.54902	-1.82143	22.45	13.754	0.54458	1
cg19824379	0.00330968	0.528062	-1.89372	0.80147	0.960583	-1.04103	0.275801	0.834477	-1.19836	0.0139781	0.61601	-1.62335	11.991	4.83823	0.358656	1
cg17765461	0.61758	0.957247	-1.04466	0.000674584	0.636816	-1.57031	0.0932265	0.8519	-1.17385	0.00131161	0.666303	-1.50082	9.83296	1.17342	0.106076	1
cg07811113	0.358097	1.21692	1.21692	0.0129766	0.527027	-1.89744	0.78534	0.944863	-1.05835	0.0447763	0.619685	-1.61372	8.85289	6.05086	0.607547	1
cg07766847	0.628439	0.766478	-1.30467	0.000712595	0.0601324	-16.63	0.0141681	5.21081	5.21081	0.626226	1.30694	1.30694	6.6649	31.3969	4.18736	1
cg26067647	0.676776	0.928345	-1.07719	0.171312	1.29475	1.29475	0.288155	1.21601	1.21601	0.227566	0.798796	-1.25188	5.52351	2.75163	0.442815	1
cg06341721	0.530728	1.27254	1.27254	0.55996	1.2507	1.2507	0.00594572	3.91646	3.91646	0.738347	0.880526	-1.13568	4.36993	9.96908	2.02782	1
cg10133935	0.71126	1.06903	1.06903	0.0137772	1.72741	1.72741	0.238705	1.248	1.248	0.0634605	0.687515	-1.45451	3.64546	1.86093	0.453758	1
cg11656553	0.167137	2.50977	2.50977	0.041423	4.34733	4.34733	0.113359	2.93456	2.93456	0.180263	2.43293	2.43293	3.63336	22.4663	5.49629	1
cg02359186	0.183351	1.49594	1.49594	0.00257227	0.303469	-3.29523	0.0794818	0.573871	-1.74255	0.0828588	0.57815	-1.72966	3.57506	4.60868	1.14588	1
cg15674719	0.424311	1.09697	1.09697	0.255722	1.14406	1.14406	0.0391353	1.31099	1.31099	0.000947028	1.74903	1.74903	6.72565	1.37047	0.181127	1
cg18617679	0.0128034	0.606152	-1.64975	0.0252216	0.649914	-1.53867	0.936296	1.01303	1.01303	0.828072	0.965397	-1.03584	15.5634	6.46221	0.369083	1
cg00554948	0.0077993	0.257741	-3.87987	0.0107985	0.280541	-3.56454	0.00573848	0.237563	-4.2094	0.0114555	0.284844	-3.51069	11.0894	27.6723	2.21811	1
cg11739480	?	?	?	0.763563	0.912586	-1.09579	0.13265	1.63556	1.63556	0.0114847	2.60853	2.60853	8.07835	10.4557	1.29429	1
cg05964952	0.243286	1.1523	1.1523	0.000638761	0.54403	-1.83813	0.362374	1.11483	1.11483	0.350996	1.1179	1.1179	5.41979	1.15714	0.18978	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09055978	DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.0173258	0.342308	0.673897	-1.48391	0.264453	0.625508	-1.5987	0.70744	0.858917	-1.16426	0.235051	0.605288	-1.65211	0.0587964	0.42274	-2.36552
cg11367973	DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.0358974	0.0582795	0.365386	-2.73683	0.948634	1.03078	1.03078	0.0317709	3.26816	3.26816	0.927866	0.958293	-1.04352	0.0489658	0.347259	-2.87969
cg18336957	DAZL	0.00259065	0.114104	1.22296	1.22296	0.540673	1.07522	1.07522	0.0353123	0.750483	-1.33247	0.944446	1.00819	1.00819	8.25E-05	0.435846	-2.29439
cg22703164	DAZL	0.00793433	0.044536	0.747172	-1.33838	0.0106497	0.666511	-1.50035	0.00123158	0.550454	-1.81668	0.176619	1.19899	1.19899	0.155402	0.825249	-1.21176
cg12747007	DAZL	0.0119295	0.0126052	0.624418	-1.60149	0.00301326	1.85415	1.85415	0.691916	1.06233	1.06233	0.854371	0.972491	-1.02829	0.780582	1.04331	1.04331
cg27248643	DAZL	0.0140601	0.618064	1.08697	1.08697	0.782835	0.955198	-1.0469	0.00136607	0.46263	-2.16156	0.913529	0.982142	-1.01818	0.333348	1.18003	1.18003
cg16011604	DAZL	0.0167795	0.680178	1.09302	1.09302	0.627854	0.900485	-1.11051	0.0970145	0.676474	-1.47825	0.38816	1.209	1.209	0.453012	1.17826	1.17826
cg17070539	DAZL	0.0454436	0.16033	0.709747	-1.40895	0.56862	0.876599	-1.14077	0.0136482	0.497908	-2.0084	0.620325	1.12092	1.12092	0.0361327	1.74546	1.74546
cg16639713	DAZL;DAZL	0.0227487	0.231654	1.1926	1.1926	0.47428	1.10757	1.10757	0.172043	1.22642	1.22642	0.0339715	1.41556	1.41556	0.0645038	1.33854	1.33854
cg03625109	DBC1	0.00104855	0.000250176	0.281813	-3.54845	0.000464286	3.17193	3.17193	0.107447	1.44529	1.44529	0.0408964	0.609752	-1.64001	0.0352741	0.59811	-1.67193
cg14614296	DBC1	0.00266057	0.660645	1.1284	1.1284	0.376256	1.28182	1.28182	0.392084	0.786828	-1.27093	0.774081	1.08187	1.08187	0.188121	1.46425	1.46425
cg14010814	DBC1	0.0166833	0.230084	0.814773	-1.22734	0.092949	0.740297	-1.35081	0.0324026	0.665328	-1.50302	0.513545	1.11381	1.11381	0.153871	1.28193	1.28193
cg13685314	DBC1	0.0187096	0.299269	0.681855	-1.46659	0.00870834	3.28678	3.28678	0.257046	1.52358	1.52358	0.015611	0.348086	-2.87286	0.00602772	0.27884	-3.58629
cg12821278	DBC1	0.0197519	0.533124	0.822298	-1.2161	0.0846919	1.80582	1.80582	0.56987	1.19483	1.19483	0.688043	1.13326	1.13326	0.00234792	0.268235	-3.72808
cg14445814	DBC1	0.0412779	0.170842	0.599076	-1.66924	0.00624296	3.49826	3.49826	0.106773	1.85649	1.85649	0.204191	0.624513	-1.60125	0.548536	0.807918	-1.23775
cg24818566	DBC1	0.0460159	0.0307938	1.66788	1.66788	0.735231	0.933836	-1.07085	0.0467252	1.58288	1.58288	0.0397333	1.61535	1.61535	0.577204	1.12028	1.12028
cg04525773	DBF4;DBF4;SLC25A40	0.000158128	0.833014	0.974914	-1.02573	1.87E-05	0.350379	-2.85405	0.000174906	0.464783	-2.15154	0.0404852	0.75222	-1.3294	0.012675	0.688779	-1.45185
cg06106312	DBF4;SLC25A40	0.00150994	0.379725	1.49431	1.49431	0.00510365	0.192138	-5.20458	0.319735	1.58142	1.58142	0.633798	1.23853	1.23853	0.500594	0.737309	-1.35628
cg16446591	DBF4;SLC25A40	0.0259084	0.0591674	0.754769	-1.32491	0.174483	1.21015	1.21015	0.909534	0.985102	-1.01512	0.455938	1.10547	1.10547	0.425706	0.898152	-1.1134
cg04330806	DBF4;SLC25A40	0.0362149	0.00932004	0.143249	-6.98085	0.250249	0.492702	-2.02963	0.0648883	0.294826	-3.39183	0.254145	0.495815	-2.01688	0.0757072	0.312005	-3.20508
cg16931499	DBF4B;DBF4B	5.39E-05	0.778521	0.964041	-1.0373	0.0836518	0.779842	-1.28231	0.191812	0.83572	-1.19657	0.632844	1.06451	1.06451	0.310027	0.872462	-1.14618
cg14578363	DBF4B;DBF4B	0.000278156	0.256197	0.77275	-1.29408	0.00319884	0.416692	-2.39985	0.00733077	0.471466	-2.12105	0.407207	0.831589	-1.20252	0.0926525	0.668649	-1.49555
cg01687301	DBF4B;DBF4B	0.00846548	0.159447	1.41048	1.41048	0.0394413	0.579853	-1.72458	0.122386	1.46663	1.46663	0.0871857	1.54038	1.54038	0.00262712	0.385709	-2.59263
cg22697517	DBF4B;DBF4B	0.0170101	0.00293479	0.161047	-6.20936	0.00827619	0.221111	-4.52262	0.0550063	0.378143	-2.6445	0.0625255	0.391845	-2.55203	0.173967	0.523894	-1.90878
cg06708731	DBH	0.000150336	0.00211512	0.478256	-2.09093	0.065723	0.702933	-1.42261	1.84E-05	0.22537	-4.43715	0.67688	0.930966	-1.07415	6.47E-05	0.285747	-3.4996
cg14301000	DBH	0.00228384	0.384555	0.849872	-1.17665	0.0127951	0.568806	-1.75807	0.000993693	0.409656	-2.44107	0.070116	0.691114	-1.44694	0.209572	0.785609	-1.2729
cg07824742	DBH	0.00364767	0.517175	0.877877	-1.13911	0.0313035	0.605891	-1.65046	5.81E-05	0.228167	-4.38276	0.0316397	0.606692	-1.64828	0.0189529	0.569181	-1.75691
cg14368247	DBH	0.0240509	0.633511	0.880481	-1.13574	0.131538	0.649599	-1.53941	0.00748267	0.401556	-2.49031	0.850213	1.05137	1.05137	0.00206036	0.31657	-3.15886
cg14581628	DBH	0.0340478	0.504337	0.83238	-1.20137	0.124518	1.56885	1.56885	0.0718936	0.580385	-1.72299	0.11293	1.59552	1.59552	0.0852921	1.67386	1.67386
cg17526506	DBI;DBI;C2orf76;DBI	0.000402648	?	?	?	?	?	?	0.0225125	0.21339	-4.68625	0.164013	0.438748	-2.27921	6.67E-05	0.0116681	-85.7038
cg04172748	DBI;DBI;C2orf76;DBI	0.00569071	0.753189	1.0822	1.0822	0.399508	0.805744	-1.24109	0.00101669	0.295109	-3.38858	0.837313	0.949815	-1.05284	0.0552746	0.580351	-1.7231
cg18229710	DBI;DBI;DBI	0.00544394	0.00194412	0.189112	-5.28786	0.0321161	0.385274	-2.59555	0.120889	0.527772	-1.89476	0.843011	1.07825	1.07825	0.768316	0.89383	-1.11878
cg03693553	DBI;DBI;DBI	0.0232271	0.0036467	0.300639	-3.32625	0.426913	0.780426	-1.28135	0.261578	0.699216	-1.43017	0.0179198	2.40903	2.40903	0.0370082	0.477022	-2.09634
cg06685514	DBN1;DBN1	0.00779038	0.137847	0.69098	-1.44722	0.00788096	0.454491	-2.20026	0.222281	0.743246	-1.34545	?	?	?	0.0241226	0.536796	-1.86291
cg21091766	DBN1;DBN1	0.0132189	0.193364	0.634206	-1.57677	0.0174019	0.383659	-2.60648	0.113517	0.565666	-1.76783	0.276156	0.687437	-1.45468	0.00808909	0.325596	-3.07129
cg08708212	DBN1;DBN1	0.0205902	0.0645025	1.56994	1.56994	0.204277	1.33769	1.33769	0.0864007	1.50893	1.50893	0.0102473	2.01947	2.01947	0.479495	0.855458	-1.16896
cg06509828	DBN1;DBN1	0.0295715	0.218786	0.783373	-1.27653	0.236641	0.791316	-1.26372	0.490973	0.876291	-1.14117	0.080777	0.69383	-1.44128	0.00170391	0.429227	-2.32977
cg17436861	DBN1;DBN1	0.0356218	0.719151	1.12808	1.12808	0.133459	0.582627	-1.71636	0.409991	1.32472	1.32472	0.00711258	0.313369	-3.19113	0.159621	0.6056	-1.65125
cg27139941	DBN1;DBN1	0.0367525	0.788779	0.944194	-1.0591	0.715708	1.08136	1.08136	0.210843	1.32571	1.32571	0.127006	0.702602	-1.42328	0.132318	0.70656	-1.41531
cg22565399	DBN1;DBN1	0.0375523	0.549094	1.08324	1.08324	0.0031544	0.587355	-1.70255	0.400932	1.12008	1.12008	0.61888	1.06838	1.06838	0.212088	0.840829	-1.1893
cg00616500	DBN1;DBN1	0.0401166	0.412371	0.80715	-1.23893	0.822147	1.05924	1.05924	0.844602	1.05145	1.05145	0.301616	1.31466	1.31466	0.00709669	0.410992	-2.43314
cg11239016	DBNDD1	0.0160798	0.000703609	0.280752	-3.56187	0.90489	1.02984	1.02984	0.212588	1.38112	1.38112	0.148378	1.46418	1.46418	0.912256	1.02748	1.02748
cg00742603	DBNDD1	0.0180319	0.0966164	1.49433	1.49433	0.655271	0.905784	-1.10402	0.289408	1.274	1.274	0.611759	1.11931	1.11931	0.0189094	1.87016	1.87016
cg10076951	DBNDD1;DBNDD1	0.000686573	0.0408517	0.667278	-1.49863	0.148739	1.30397	1.30397	0.00175209	0.465644	-2.14756	0.000647953	0.407971	-2.45115	0.329921	1.18804	1.18804
cg04731384	DBNDD1;DBNDD1	0.0137154	0.0107422	0.628549	-1.59097	0.0267779	1.4624	1.4624	0.556505	0.917453	-1.08997	0.709588	1.05568	1.05568	0.00761461	0.6083	-1.64392
cg00929635	DBNDD2;DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2;DBNDD2	0.000763005	0.000315202	3.26206	3.26206	0.639269	0.908813	-1.10034	0.000974417	2.7013	2.7013	0.000594408	2.92649	2.92649	0.213473	0.766954	-1.30386
cg03172947	DBNDD2;DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2;DBNDD2	0.0281217	0.671393	0.94783	-1.05504	0.0122179	0.675699	-1.47995	0.0465734	1.33132	1.33132	0.240388	1.16688	1.16688	0.598024	0.935377	-1.06909
cg25418777	DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2	0.00581844	0.149857	0.944134	-1.05917	0.0450472	0.917928	-1.08941	0.000866749	0.830173	-1.20457	0.560005	1.02219	1.02219	0.0141634	0.893408	-1.11931
cg07820310	DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2	0.0110373	0.718086	0.952851	-1.04948	0.167783	0.822136	-1.21634	0.67625	0.945591	-1.05754	0.682833	1.05625	1.05625	0.540222	0.920717	-1.08611
cg11942541	DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2	0.0121146	0.000723678	0.589843	-1.69537	0.562556	0.941668	-1.06195	0.166619	1.16346	1.16346	0.0286293	0.767152	-1.30352	0.176029	0.862699	-1.15915
cg18500556	DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2	0.0129381	?	?	?	0.970087	0.983778	-1.01649	0.520183	0.751493	-1.33069	0.062933	0.385477	-2.59419	0.159716	0.511033	-1.95682
cg01373262	DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2	0.048623	0.129635	0.838345	-1.19283	0.213245	0.868353	-1.1516	0.866467	0.98204	-1.01829	0.0304199	0.760348	-1.31519	0.146821	0.845617	-1.18257
cg22785672	DBNL;DBNL;DBNL	7.00E-05	5.46E-05	0.255615	-3.91213	0.0707983	0.693264	-1.44245	0.000818714	0.400418	-2.49739	0.00180136	2.23804	2.23804	0.849327	0.966076	-1.03512
cg12979234	DBNL;DBNL;DBNL	0.000355717	0.168127	0.571949	-1.74841	0.000651605	0.136945	-7.30221	0.0313798	0.382761	-2.61259	0.072908	2.14028	2.14028	0.000136147	0.081154	-12.3222
cg13049051	DBNL;DBNL;DBNL	0.0160294	0.218079	1.40313	1.40313	0.9515	0.984224	-1.01603	0.169875	0.682347	-1.46553	0.487954	1.20227	1.20227	0.0066399	0.398131	-2.51174
cg05581820	DBNL;DBNL;DBNL	0.0370772	0.572275	0.868643	-1.15122	0.539404	1.16572	1.16572	0.901572	1.03101	1.03101	0.872842	1.04032	1.04032	0.0023391	0.350499	-2.85308
cg09138430	DBNL;DBNL;DBNL;DBNL;DBNL;DBNL	0.027408	0.00439012	0.502585	-1.98971	0.321117	0.830768	-1.2037	0.98439	1.00354	1.00354	0.316704	1.20589	1.20589	0.126343	0.741471	-1.34867
cg15679064	DBP	0.00162208	0.945625	0.97606	-1.02453	0.0147829	2.90268	2.90268	0.00148462	5.09576	5.09576	0.0132336	2.97687	2.97687	0.0894168	0.514105	-1.94513
cg26351039	DBP	0.00367484	0.92046	1.03998	1.03998	0.00186731	0.176909	-5.65261	0.0117764	0.290888	-3.43775	0.000195531	0.0855255	-11.6924	0.0870061	0.476242	-2.09977
cg21721681	DBP	0.00507004	0.120829	1.79502	1.79502	0.221772	1.56296	1.56296	0.00039431	7.12004	7.12004	0.0352949	2.34547	2.34547	0.687767	1.15084	1.15084
cg17413078	DBP	0.0109021	0.60156	0.87491	-1.14298	0.000513667	3.9565	3.9565	0.536061	1.17227	1.17227	0.0593702	0.582823	-1.71579	0.0804543	0.611509	-1.6353
cg03231960	DBP	0.0114491	0.984086	1.00301	1.00301	0.0320885	0.685286	-1.45924	0.00125682	0.492177	-2.03179	0.343838	1.15809	1.15809	0.319535	0.85656	-1.16746
cg26309261	DBR1	0.000386269	0.930069	1.01812	1.01812	0.387754	1.1985	1.1985	0.00103042	0.369853	-2.70378	0.950079	0.987275	-1.01289	0.16421	0.738163	-1.35471
cg25452485	DBR1	0.0368534	0.480526	1.11103	1.11103	0.0157875	1.5438	1.5438	0.328945	0.862483	-1.15944	0.559468	0.916992	-1.09052	0.144958	1.2584	1.2584
cg26339797	DBT	0.00245703	0.00137841	1.67714	1.67714	0.358066	1.11108	1.11108	0.741019	0.96371	-1.03766	0.624462	0.946497	-1.05653	0.0183433	0.726891	-1.37572
cg22942522	DBT	0.00313468	0.26485	0.741095	-1.34935	0.513583	1.18627	1.18627	0.722862	0.912277	-1.09616	0.202011	0.706562	-1.4153	0.00562345	0.391734	-2.55275
cg19315453	DBT	0.00754052	0.19417	1.21006	1.21006	0.126434	1.25899	1.25899	0.00772627	0.612395	-1.63293	0.450492	0.899326	-1.11194	0.020018	1.48885	1.48885
cg20332866	DBT	0.0163871	0.73734	0.9586	-1.04319	0.00754022	0.649294	-1.54014	0.0373051	0.738149	-1.35474	0.0755489	0.779971	-1.2821	0.762734	0.962681	-1.03877
cg06340987	DBX1	2.60E-08	6.69E-07	0.240312	-4.16125	5.26E-05	0.451177	-2.21643	1.71E-07	0.182775	-5.47121	3.68E-06	3.13019	3.13019	3.19E-05	2.34659	2.34659
cg06989930	DBX1	1.91E-06	0.00491811	0.579137	-1.72671	0.000270675	2.39992	2.39992	0.0984019	1.30436	1.30436	0.00705973	1.66603	1.66603	0.297301	1.17164	1.17164
cg02878244	DBX1	2.47E-05	0.591056	0.875906	-1.14167	0.108175	1.53438	1.53438	0.159004	1.44442	1.44442	0.00236963	2.81636	2.81636	0.0038208	2.59264	2.59264
cg04290346	DBX1	3.83E-05	0.0220379	0.395611	-2.52774	0.0445955	2.1787	2.1787	0.587612	1.20309	1.20309	0.731079	1.12356	1.12356	0.263515	0.674621	-1.48231
cg18292664	DBX1	4.35E-05	0.0568523	0.495191	-2.01942	0.00232581	4.00138	4.00138	0.499268	1.25063	1.25063	2.79E-05	14.7317	14.7317	0.00284362	3.81739	3.81739
cg08525845	DBX1	5.32E-05	0.00068738	2.91336	2.91336	0.000828295	2.82503	2.82503	0.000430278	3.15546	3.15546	0.00194831	2.4691	2.4691	0.0156902	1.84211	1.84211
cg11831238	DBX1	5.94E-05	0.13346	1.52072	1.52072	0.000165484	5.27108	5.27108	0.0325747	1.91132	1.91132	0.206132	1.4125	1.4125	0.538286	0.850981	-1.17511
cg03983645	DBX1	7.64E-05	0.969398	1.00776	1.00776	0.0549228	1.55052	1.55052	0.0499378	1.56909	1.56909	0.054848	1.55079	1.55079	0.864061	0.966062	-1.03513
cg18242712	DBX1	0.00010199	0.0204103	2.16513	2.16513	0.847685	1.05459	1.05459	0.488851	1.21454	1.21454	0.0105691	0.411065	-2.43271	1.44E-06	0.03377	-29.6121
cg14515571	DBX1	0.000108906	0.0387194	1.48806	1.48806	0.130764	0.762666	-1.31119	0.479913	1.12664	1.12664	0.0191034	1.60151	1.60151	0.109201	1.33645	1.33645
cg19375210	DBX1	0.000127754	0.000922266	1.95641	1.95641	0.801239	0.968505	-1.03252	0.000555015	0.481216	-2.07807	0.892863	0.983054	-1.01724	0.156485	0.823455	-1.2144
cg21146503	DBX1	0.000515968	0.0953828	1.72558	1.72558	0.00512142	3.00789	3.00789	0.357152	1.32577	1.32577	0.0122763	2.53134	2.53134	0.00848251	2.71981	2.71981
cg03299487	DBX1	0.000910369	0.00938076	0.628602	-1.59083	0.229785	1.19434	1.19434	0.422382	1.12244	1.12244	0.218466	1.20013	1.20013	0.248949	0.843796	-1.18512
cg05469285	DBX1	0.00172582	0.131857	0.704455	-1.41954	0.209035	1.33007	1.33007	0.914114	1.02351	1.02351	0.874522	1.03463	1.03463	0.994738	1.00142	1.00142
cg16938805	DBX1	0.00229307	0.0286298	3.00026	3.00026	0.133066	0.501782	-1.9929	0.00324133	5.52116	5.52116	0.479628	0.73654	-1.3577	0.180597	0.546089	-1.8312
cg08835103	DBX1	0.00487582	0.247361	1.80127	1.80127	0.805557	1.1275	1.1275	0.749903	0.855894	-1.16837	0.676128	0.81512	-1.22681	0.187913	0.507149	-1.97181
cg10614045	DBX1	0.00741273	0.482743	0.841498	-1.18836	0.0327418	0.546431	-1.83006	0.10881	0.655023	-1.52666	0.864088	0.959402	-1.04232	0.147673	0.686756	-1.45612
cg00192136	DBX1	0.00799205	0.45859	0.619136	-1.61516	0.000998417	22.3044	22.3044	0.918649	1.06705	1.06705	0.0430198	4.3892	4.3892	0.754192	1.22084	1.22084
cg24592027	DBX1	0.0302885	0.269761	0.764553	-1.30795	0.810038	0.945297	-1.05787	0.313613	0.783912	-1.27565	0.133915	0.685494	-1.4588	0.175255	0.71409	-1.40038
cg15985775	DBX1	0.0353515	0.0809656	2.75961	2.75961	0.112932	0.405583	-2.46559	0.971673	0.981837	-1.0185	0.239915	1.89593	1.89593	0.158378	2.19558	2.19558
cg24074033	DBX1	0.0393927	0.576356	1.31058	1.31058	0.47535	0.706229	-1.41597	0.268004	1.73823	1.73823	0.230723	0.547469	-1.82659	0.00189711	0.121373	-8.23907
cg09767822	DBX1	0.0396264	0.267404	2.69427	2.69427	0.0737757	5.52769	5.52769	0.232098	2.9302	2.9302	0.114591	4.35849	4.35849	0.0893061	4.98883	4.98883
cg13696942	DBX1	0.0489487	0.0353894	11.1422	11.1422	0.0538069	8.6243	8.6243	0.5712	1.75618	1.75618	0.399553	2.33649	2.33649	0.522924	0.528801	-1.89107
cg19788831	DBX2	6.88E-05	0.83567	1.03464	1.03464	0.650503	1.07763	1.07763	0.206488	0.80379	-1.24411	0.822143	1.0376	1.0376	0.207812	0.804356	-1.24323
cg22589628	DBX2	7.55E-05	0.362772	1.09297	1.09297	0.000648056	1.64405	1.64405	0.0239241	1.29185	1.29185	0.0128237	1.34144	1.34144	0.238043	1.12463	1.12463
cg03114573	DBX2	0.000260714	0.96913	0.989283	-1.01083	0.00155442	0.281791	-3.54873	0.00220897	0.302893	-3.3015	0.987267	1.00445	1.00445	6.11E-05	0.127425	-7.84773
cg16080781	DBX2	0.000371505	0.103935	0.798203	-1.25281	0.000400307	2.04204	2.04204	0.000106523	2.37973	2.37973	0.509274	0.918631	-1.08858	0.860796	1.0225	1.0225
cg00067018	DBX2	0.000381391	0.467997	1.16521	1.16521	0.000528443	3.0582	3.0582	0.288782	1.2561	1.2561	0.449807	1.17287	1.17287	0.967971	1.00835	1.00835
cg18729001	DBX2	0.00924798	0.0124325	4.35492	4.35492	0.486183	0.715577	-1.39747	0.725346	1.18155	1.18155	0.618325	0.788548	-1.26815	0.412162	1.48674	1.48674
cg17450733	DBX2	0.0110567	0.00448078	6.6075	6.6075	0.682576	1.22736	1.22736	0.436486	1.48516	1.48516	0.298175	1.71139	1.71139	0.36919	0.631593	-1.5833
cg26274596	DBX2	0.0143522	0.150504	2.04506	2.04506	0.687684	1.20413	1.20413	0.717891	0.846419	-1.18145	0.772415	0.875251	-1.14253	0.196912	0.53154	-1.88133
cg17347348	DBX2	0.0203834	0.027731	0.306194	-3.2659	0.072744	2.4858	2.4858	0.257846	1.711	1.711	0.0104438	0.23075	-4.33369	0.211996	0.549899	-1.81851
cg12915695	DBX2	0.0251347	0.11177	0.805224	-1.24189	0.00899024	1.51515	1.51515	0.0190282	1.42632	1.42632	0.919016	0.98736	-1.0128	0.453963	1.10011	1.10011
cg02332982	DBX2	0.0399039	0.284477	1.89555	1.89555	0.113833	2.68984	2.68984	0.092985	2.89514	2.89514	0.0844788	2.99719	2.99719	0.383758	0.598277	-1.67147
cg16723134	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.0218745	0.103389	1.95449	1.95449	?	?	?	0.00165243	5.88733	5.88733	?	?	?	?	?	?
cg26071823	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.048419	0.366544	0.863984	-1.15743	0.184313	1.2485	1.2485	0.0709757	1.37427	1.37427	0.035832	0.680534	-1.46943	0.237933	0.822972	-1.21511
cg05017015	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	2.58E-05	0.000968722	0.37992	-2.63213	0.0066543	2.0016	2.0016	0.000889528	2.66709	2.66709	0.000232619	0.300158	-3.33158	3.22E-06	0.113917	-8.7783
cg13754859	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.000468706	0.0514791	0.819432	-1.22036	0.464946	1.06909	1.06909	0.135737	1.15537	1.15537	0.000674915	0.626906	-1.59513	0.404996	1.07954	1.07954
cg25487438	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.00381125	0.509144	1.13666	1.13666	0.188788	1.30515	1.30515	0.582987	0.899373	-1.11189	0.770456	0.945574	-1.05756	0.617767	1.10101	1.10101
cg20454520	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.0122689	0.21478	0.691052	-1.44707	0.206471	1.458	1.458	0.904501	0.966606	-1.03455	0.373702	0.772287	-1.29486	0.29621	0.736018	-1.35866
cg05047223	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.0343135	0.410531	0.875238	-1.14255	0.0406905	1.45379	1.45379	0.00457934	1.81798	1.81798	0.802991	1.04038	1.04038	0.101133	1.32879	1.32879
cg02930876	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.0351886	0.0772478	2.08461	2.08461	0.185701	1.69003	1.69003	0.00545211	3.92375	3.92375	0.456542	1.32784	1.32784	0.481418	1.30682	1.30682
cg11122939	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.0471151	0.273074	1.2126	1.2126	0.0931878	0.731907	-1.36629	0.0110161	1.71421	1.71421	0.127325	0.756805	-1.32134	0.253103	0.817325	-1.2235
cg18676764	DCAF12	0.00339821	0.0129757	0.695344	-1.43814	0.0029361	0.617899	-1.61839	0.000603282	1.86519	1.86519	0.99649	0.999482	-1.00052	0.944797	0.991873	-1.00819
cg13849647	DCAF12	0.00999348	0.403752	0.813314	-1.22954	0.865571	0.95985	-1.04183	0.0154112	2.05242	2.05242	0.0546802	0.590299	-1.69406	0.0744616	0.618383	-1.61712
cg14087051	DCAF12;DCAF12	0.00445358	0.713835	0.963132	-1.03828	0.238253	0.881623	-1.13427	0.464143	1.07895	1.07895	0.464795	1.07883	1.07883	0.46396	0.926794	-1.07899
cg25086957	DCAF12L1	9.13E-05	0.00085496	0.366131	-2.73126	0.000227803	3.41677	3.41677	0.101392	1.43299	1.43299	0.365313	0.829797	-1.20511	0.00193917	2.40982	2.40982
cg01988541	DCAF12L1	0.000171104	0.0181814	0.53132	-1.88211	0.943328	0.984444	-1.0158	0.000350152	0.281609	-3.55103	0.824092	0.952091	-1.05032	0.000125213	0.229093	-4.36503
cg02261899	DCAF12L1	0.00396631	0.000698687	0.0303819	-32.9144	0.410171	0.56601	-1.76675	0.257041	2.2241	2.2241	0.413112	0.568124	-1.76018	0.0452703	0.211818	-4.72103
cg14972889	DCAF12L1	0.00467183	0.00443726	0.155487	-6.43141	0.0148847	0.230305	-4.34207	0.222526	0.53342	-1.8747	0.0191138	0.248991	-4.01621	0.00722234	0.182769	-5.47139
cg01913196	DCAF12L1	0.00477803	0.115212	2.38955	2.38955	0.319932	0.592887	-1.68666	0.658177	1.25417	1.25417	0.018636	4.26586	4.26586	0.014897	4.58669	4.58669
cg26351479	DCAF12L1	0.013073	0.00916021	0.0618078	-16.1792	0.245178	0.35971	-2.78002	0.910394	0.909653	-1.09932	0.898045	1.11385	1.11385	0.276605	0.386034	-2.59044
cg02936076	DCAF12L1	0.0162939	0.00290628	0.175893	-5.68528	0.07491	0.430708	-2.32176	0.224042	1.72014	1.72014	0.503749	0.749668	-1.33392	0.45816	0.725566	-1.37823
cg07344627	DCAF12L1	0.0218249	0.08135	3.54823	3.54823	0.107033	0.315602	-3.16855	0.627812	1.37746	1.37746	0.0760476	3.64761	3.64761	0.0301638	5.31819	5.31819
cg20214004	DCAF12L1	0.0290367	0.0515762	0.270961	-3.69057	0.0289524	0.219268	-4.56063	0.41408	1.63562	1.63562	0.940095	1.04529	1.04529	0.907874	0.934055	-1.0706
cg22980351	DCAF12L1	0.0323996	0.686395	1.21101	1.21101	0.580532	1.30119	1.30119	0.33847	1.59268	1.59268	0.0573198	2.75727	2.75727	0.0202099	3.74754	3.74754

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09055978	0.0183433	0.315203	-3.17256	0.000323784	0.0958031	-10.4381	0.573851	0.79515	-1.25763	0.206611	0.584306	-1.71143	4.938	12.7261	2.29083	1
cg11367973	0.114292	0.445669	-2.24382	0.00554779	0.180067	-5.55349	0.611854	0.786032	-1.27221	0.35136	0.63682	-1.5703	3.8318	13.4338	3.11633	1
cg18336957	0.325409	0.887887	-1.12627	0.0191114	1.39391	1.39391	0.860821	1.02076	1.02076	0.536361	1.07608	1.07608	8.93778	1.94114	0.193052	1
cg22703164	0.508818	0.918809	-1.08837	0.0206132	1.4223	1.4223	0.577004	1.07379	1.07379	0.170877	0.831746	-1.20229	6.36062	1.608	0.224716	1
cg12747007	0.377296	1.14745	1.14745	0.00306655	1.85066	1.85066	0.573478	0.917267	-1.0902	0.303831	1.17549	1.17549	5.58416	2.0385	0.324489	1
cg27248643	0.10763	1.33815	1.33815	0.00884879	1.73814	1.73814	0.13757	0.766982	-1.30381	0.433	0.875695	-1.14195	5.29242	2.30684	0.387445	1
cg16011604	0.417996	1.19435	1.19435	0.000539389	3.17352	3.17352	0.0960333	0.675545	-1.48029	0.470564	0.854264	-1.1706	4.99122	3.64005	0.648259	1
cg17070539	0.103101	1.50316	1.50316	0.052839	1.65376	1.65376	0.50824	0.857774	-1.16581	0.563925	1.14264	1.14264	3.51259	2.90667	0.735556	1
cg16639713	0.00925978	1.58989	1.58989	0.00257732	1.79792	1.79792	0.194262	0.824641	-1.21265	0.827635	0.969849	-1.03109	4.50186	1.40542	0.2775	1
cg03625109	0.815658	0.952223	-1.05017	0.112307	1.43681	1.43681	0.475667	1.16422	1.16422	0.0982261	1.46257	1.46257	11.6093	8.07996	0.618659	1
cg14614296	0.513636	0.834333	-1.19856	0.00016191	0.171938	-5.81606	0.00270559	0.322077	-3.10485	0.00512083	0.36377	-2.74899	8.86783	10.5003	1.05252	1
cg14010814	0.621309	1.08438	1.08438	0.0158426	1.61733	1.61733	0.00530671	0.550072	-1.81794	0.104015	0.748889	-1.33531	5.00081	2.09612	0.372583	1
cg13685314	0.929481	0.968984	-1.03201	0.30815	0.68696	-1.45569	0.262649	0.659864	-1.51546	0.704241	1.1454	1.1454	4.81203	9.65646	1.78376	1
cg12821278	0.310341	0.722262	-1.38454	0.150819	1.6116	1.6116	0.0241994	0.434775	-2.30004	0.109878	1.71629	1.71629	4.72454	7.18841	1.35245	1
cg14445814	0.0538075	0.463354	-2.15818	0.376092	0.726772	-1.37595	0.892459	0.953587	-1.04867	0.185547	1.63758	1.63758	3.64063	7.11762	1.73782	1
cg24818566	0.73738	1.07023	1.07023	0.684973	1.08573	1.08573	0.00281298	2.29344	2.29344	0.165284	1.34781	1.34781	3.49613	2.25215	0.572608	1
cg04525773	0.0974962	1.24459	1.24459	0.000813663	1.83584	1.83584	0.167953	0.837922	-1.19343	0.614513	0.94072	-1.06302	19.5763	4.48948	0.20385	1
cg06106312	3.25E-05	0.0273217	-36.6009	0.488292	1.36866	1.36866	0.0463932	0.361681	-2.76487	0.942114	0.968148	-1.0329	10.4597	32.9145	2.79716	1
cg16446591	0.261888	0.856848	-1.16707	0.00169426	0.553083	-1.80805	0.149044	1.22672	1.22672	0.211737	1.18973	1.18973	4.30338	1.18854	0.245501	1
cg04330806	0.178024	0.430335	-2.32377	0.00380766	0.100346	-9.9655	0.0274116	0.21498	-4.6516	0.0472999	0.262606	-3.80799	3.81957	20.9974	4.8865	1
cg16931499	0.191424	1.19678	1.19678	4.39E-07	0.156195	-6.40226	0.0656218	0.764643	-1.3078	0.60065	1.07101	1.07101	26.0976	6.9724	0.237481	1
cg14578363	0.263194	1.28881	1.28881	4.20E-05	0.183423	-5.45188	0.598182	0.89076	-1.12264	2.24E-05	0.157437	-6.35176	16.7938	12.5841	0.666076	1
cg01687301	0.00583892	0.437953	-2.28335	0.0392415	0.579434	-1.72582	0.357333	0.805295	-1.24178	0.294798	0.779931	-1.28216	6.23203	5.16489	0.736681	1
cg22697517	0.0941354	0.439295	-2.27638	0.0909065	0.435006	-2.29882	0.00384419	0.175304	-5.70436	0.0267033	0.309281	-3.23331	4.96849	15.7196	2.81232	1
cg06708731	0.370418	0.854709	-1.16999	5.35E-05	0.276199	-3.62057	0.227011	0.80534	-1.24171	0.404079	0.864394	-1.15688	19.8449	9.15688	0.410152	1
cg14301000	0.128289	1.34981	1.34981	0.000295066	0.341061	-2.93203	0.062301	1.46649	1.46649	0.968086	1.00733	1.00733	9.27514	4.89043	0.468677	1
cg07824742	0.845432	1.03947	1.03947	0.0585267	0.654487	-1.52792	0.296919	0.806953	-1.23923	0.508815	0.875523	-1.14217	8.07323	5.02992	0.55381	1
cg14368247	0.261963	1.36338	1.36338	0.207525	1.42218	1.42218	0.869347	0.957314	-1.04459	0.783473	0.929606	-1.07572	4.41615	4.91135	0.988563	1
cg14581628	0.0161466	2.2188	2.2188	0.00901377	2.45726	2.45726	0.625165	0.875181	-1.14262	0.811287	1.06691	1.06691	3.90586	4.5358	1.03225	1
cg17526506	?	?	?	0.00560599	8.06765	8.06765	0.0441116	3.66334	3.66334	0.0250991	4.50097	4.50097	20.64	64.35	3.63737	1
cg04172748	0.483486	0.836663	-1.19522	0.00735597	0.421008	-2.37525	0.0632208	1.68744	1.68744	0.0114498	2.20863	2.20863	7.05327	7.0056	0.882881	1
cg18229710	0.0389905	0.40336	-2.47918	0.000445728	0.12181	-8.20948	0.173249	1.7343	1.7343	0.0874948	0.488335	-2.04778	7.15	16.3484	2.03243	1
cg03693553	0.485341	0.805186	-1.24195	0.079462	0.551593	-1.81293	0.991088	1.00342	1.00342	0.0839864	0.557467	-1.79383	4.46969	6.61179	1.31489	1
cg06685514	0.132639	0.687031	-1.45554	0.00262544	0.38154	-2.62096	0.012614	2.04928	2.04928	0.548957	0.869106	-1.15061	6.52887	4.91897	0.753418	1
cg21091766	0.143757	0.594701	-1.68152	0.000477637	0.163	-6.13498	0.771564	1.10111	1.10111	0.391605	0.747961	-1.33697	5.40059	9.36289	1.54105	1
cg08708212	0.00318689	2.39796	2.39796	0.603915	1.12037	1.12037	0.00657334	2.15233	2.15233	0.938434	1.01692	1.01692	4.65823	3.47973	0.664005	1
cg06509828	0.77679	1.05512	1.05512	0.270286	0.805193	-1.24194	0.541673	0.889927	-1.12369	0.00452702	0.489667	-2.04221	4.10775	2.31808	0.501616	1
cg17436861	0.354246	1.37448	1.37448	0.0064487	0.30659	-3.26168	0.413734	1.32162	1.32162	0.34781	0.724259	-1.38072	3.84253	6.77827	1.56801	1
cg27139941	0.00146425	0.374383	-2.67106	0.124539	0.700719	-1.42711	0.804174	1.05457	1.05457	0.128854	0.703994	-1.42047	3.79914	2.75192	0.643869	1
cg22565399	0.00980741	0.650104	-1.53822	0.460496	1.10418	1.10418	0.401887	0.893009	-1.11981	0.853305	0.975882	-1.02471	3.76943	1.03856	0.244909	1
cg00616500	0.0679914	1.68625	1.68625	0.132215	0.660132	-1.51485	0.0457259	0.556812	-1.79594	0.145626	1.49093	1.49093	3.67919	3.80771	0.91994	1
cg11239016	0.470425	0.834773	-1.19793	0.261494	0.749761	-1.33376	0.0216282	0.507467	-1.97057	0.203365	0.718758	-1.39129	5.0626	4.85025	0.851604	1
cg00742603	0.145178	0.708574	-1.41129	0.00546318	0.44721	-2.23608	0.442584	1.18816	1.18816	0.0211555	0.543131	-1.84118	4.87223	3.74199	0.682689	1
cg10076951	0.000272685	0.359773	-2.77953	0.444154	0.874857	-1.14304	0.0169612	1.64712	1.64712	0.00389825	0.513765	-1.94641	13.0817	6.08516	0.41348	1
cg04731384	0.0781868	1.32772	1.32772	0.152443	1.24861	1.24861	0.0976464	1.30116	1.30116	0.216174	0.82817	-1.20748	5.33576	1.77326	0.295408	1
cg00929635	0.00236293	2.36066	2.36066	0.447199	0.854784	-1.16989	0.0542173	1.55659	1.55659	0.00266148	2.32007	2.32007	12.7001	8.25097	0.577493	1
cg03172947	0.0204871	1.4199	1.4199	0.0259824	0.717617	-1.3935	0.767414	1.03794	1.03794	0.858871	1.0226	1.0226	4.18139	1.04404	0.221945	1
cg25418777	0.872695	0.994047	-1.00599	0.00138433	0.84144	-1.18844	?	?	?	0.956018	0.997948	-1.00206	7.15341	0.13963	0.0195194	1
cg07820310	0.654006	0.941671	-1.06194	0.000136621	0.415154	-2.40875	0.882784	1.01985	1.01985	0.0750664	0.76792	-1.30222	5.72627	1.60944	0.249833	1
cg11942541	0.956662	1.00559	1.00559	0.235406	1.13617	1.13617	0.0874296	1.21374	1.21374	0.208144	0.872636	-1.14595	5.55633	0.927448	0.148371	1
cg18500556	0.114904	0.462516	-2.16209	0.6464	0.817124	-1.2238	0.000326178	0.0463088	-21.5942	0.311291	0.629692	-1.58808	7.32052	18.67	1.91277	1
cg01373262	0.367431	1.10485	1.10485	0.00299291	0.645015	-1.55035	0.166739	0.853197	-1.17206	0.0857818	0.815067	-1.22689	3.42422	0.628954	0.163269	1
cg22785672	0.299561	1.21543	1.21543	6.76E-06	0.16314	-6.12969	0.905332	0.978641	-1.02182	0.0854101	0.708176	-1.41208	24.3456	12.6972	0.463591	1
cg12979234	0.949515	1.02438	1.02438	6.05E-05	0.059717	-16.7457	0.159984	1.77014	1.77014	0.879837	1.05923	1.05923	15.6992	35.9745	2.03688	1
cg13049051	0.0365819	1.88713	1.88713	0.00276604	0.339899	-2.94205	0.94313	0.981522	-1.01883	0.812737	1.06401	1.06401	5.0679	5.48562	0.962155	1
cg05581820	0.0164599	2.06124	2.06124	0.358766	0.792249	-1.26223	0.979751	0.993756	-1.00628	0.327386	0.779186	-1.28339	3.78698	3.65275	0.857381	1
cg09138430	0.172516	0.769049	-1.30031	0.00429363	0.501194	-1.99523	0.993698	0.998573	-1.00143	0.288868	1.22034	1.22034	4.21939	2.18607	0.460535	1
cg15679064	0.0525888	2.18782	2.18782	0.0130823	0.335041	-2.98471	0.000541154	6.75965	6.75965	0.0493501	2.21871	2.21871	10.2458	20.4808	1.77684	1
cg26351039	0.292562	0.651411	-1.53513	0.00619048	0.246287	-4.0603	0.265815	0.634359	-1.5764	0.75352	0.883695	-1.13161	8.05528	19.6561	2.16903	1
cg21721681	0.0309387	2.41339	2.41339	0.877039	1.05532	1.05532	0.00161961	4.81269	4.81269	0.0046087	3.71041	3.71041	7.30748	13.9953	1.70241	1
cg17413078	0.965401	0.989058	-1.01106	0.172948	0.692212	-1.44465	0.0971907	0.630192	-1.58682	0.752445	1.08357	1.08357	5.74904	5.85835	0.90579	1
cg03231960	0.807758	1.03737	1.03737	0.00196354	0.517556	-1.93216	0.980252	1.00373	1.00373	0.122971	0.777611	-1.28599	5.65897	2.0305	0.318943	1
cg26309261	8.05E-05	0.233221	-4.28777	0.000116178	0.251179	-3.98123	0.041063	0.617442	-1.61958	0.00054126	0.332811	-3.0047	15.3472	10.1689	0.58897	1
cg25452485	0.535178	1.09659	1.09659	0.0857844	0.756695	-1.32154	0.93217	0.987578	-1.01258	0.00499993	1.72532	1.72532	3.79535	1.29588	0.303502	1
cg26339797	0.00802547	1.46019	1.46019	0.00132297	0.594188	-1.68297	0.0974354	0.816526	-1.2247	0.24892	1.14375	1.14375	9.07823	1.78588	0.174863	1
cg22942522	0.00027324	0.214907	-4.65319	0.0007689	0.268925	-3.71851	0.662694	1.11982	1.11982	0.0483875	0.559041	-1.78878	8.44716	8.89402	0.935911	1
cg19315453	0.0135954	1.54461	1.54461	0.00170886	1.92252	1.92252	0.0594515	1.34768	1.34768	0.307334	1.15742	1.15742	7.40776	2.17489	0.228352	1
cg20332866	0.470522	0.91191	-1.0966	0.00469119	1.60334	1.60334	0.374991	0.89192	-1.12118	0.0474455	0.752131	-1.32956	5.03079	1.25721	0.222135	1
cg06340987	7.52E-05	0.469122	-2.13164	0.036519	0.774164	-1.29172	4.81E-09	14.5333	14.5333	0.00168391	1.60457	1.60457	184.886	32.4845	0.156178	1
cg06989930	0.000659859	0.465444	-2.14849	0.30355	0.855369	-1.16909	3.03E-08	19.1297	19.1297	0.656462	0.936478	-1.06783	62.1599	21.1579	0.302558	1
cg02878244	0.0592373	0.594374	-1.68244	0.283916	0.761904	-1.3125	3.32E-07	37.3279	37.3279	0.00171124	2.98536	2.98536	32.0652	30.3028	0.840035	1
cg04290346	0.560373	1.21997	1.21997	0.737965	1.12006	1.12006	3.62E-07	140.955	140.955	0.921567	1.03382	1.03382	28.5714	51.5994	1.60531	1
cg18292664	0.832763	0.933372	-1.07138	0.614139	1.18031	1.18031	1.64E-06	50.8274	50.8274	0.580177	1.19983	1.19983	27.6225	46.5179	1.49694	1
cg08525845	0.516392	1.14537	1.14537	0.00144923	2.58387	2.58387	1.20E-06	13.3147	13.3147	0.000651227	2.93977	2.93977	26.1824	17.6459	0.599075	1
cg11831238	0.901317	1.03265	1.03265	0.10303	0.630105	-1.58704	9.37E-07	28.6763	28.6763	0.297418	1.32279	1.32279	25.4335	27.0145	0.944143	1
cg03983645	0.163091	0.740843	-1.34981	0.683523	1.08609	1.08609	6.69E-07	15.3012	15.3012	0.0312238	1.66418	1.66418	23.7912	15.2973	0.571541	1
cg18242712	0.628793	0.874017	-1.14414	0.478615	0.819452	-1.22033	0.0945673	1.66187	1.66187	0.464628	1.22842	1.22842	22.0242	26.6532	1.07572	1
cg14515571	0.00134591	2.16704	2.16704	0.921687	0.983806	-1.01646	1.32E-06	7.82918	7.82918	0.543323	1.10755	1.10755	21.6407	9.44887	0.388112	1
cg19375210	0.496027	0.915882	-1.09184	0.00654677	0.626609	-1.59589	8.86E-06	4.04546	4.04546	0.0874624	1.27506	1.27506	26.9328	6.71665	0.193966	1
cg21146503	0.0106714	2.60073	2.60073	0.0869204	0.569528	-1.75584	1.17E-05	15.8822	15.8822	0.0278169	2.16888	2.16888	14.1664	19.894	1.24827	1
cg03299487	0.737539	1.04854	1.04854	0.00596507	0.602501	-1.65975	3.85E-05	3.04014	3.04014	0.212412	1.20335	1.20335	12.0835	3.80156	0.27965	1
cg05469285	0.057695	1.58769	1.58769	0.166624	0.727857	-1.3739	3.62E-05	5.55234	5.55234	0.0125556	1.9517	1.9517	10.0638	7.39506	0.653173	1
cg16938805	0.0253479	3.09916	3.09916	0.179476	0.545134	-1.83441	0.000187272	14.6224	14.6224	0.440687	1.39736	1.39736	9.26418	26.5674	2.54912	1
cg08835103	0.51481	1.37903	1.37903	0.398369	1.52305	1.52305	5.86E-05	37.3627	37.3627	0.58032	1.31224	1.31224	7.39511	27.7279	3.33288	1
cg10614045	0.00636017	2.36126	2.36126	0.809768	0.943329	-1.06008	0.00091484	3.31639	3.31639	0.809531	0.943259	-1.06015	6.49778	6.02233	0.823848	1
cg00192136	0.383857	1.76337	1.76337	0.498961	0.646606	-1.54654	0.000798311	24.9462	24.9462	0.664918	1.31895	1.31895	6.34613	40.5602	5.68118	1
cg24592027	0.569357	1.14378	1.14378	0.10617	0.662195	-1.51013	0.00173176	2.8402	2.8402	0.468202	1.18818	1.18818	4.07296	3.52017	0.768248	1
cg15985775	0.721732	0.831342	-1.20287	0.284629	0.56153	-1.78085	0.00197885	10.8937	10.8937	0.401763	1.55981	1.55981	4.22302	17.4467	3.21326	1
cg24074033	0.309421	0.604093	-1.65538	0.871577	1.0806	1.0806	0.127792	2.20109	2.20109	0.227958	1.8338	1.8338	3.70393	13.4689	3.23234	1
cg09767822	0.15648	3.67031	3.67031	0.417183	0.49102	-2.03658	0.00123105	57.6225	57.6225	0.333874	2.35142	2.35142	3.69588	43.0753	10.3599	1
cg13696942	0.382841	2.41247	2.41247	0.502436	0.511811	-1.95385	0.0022819	66.5633	66.5633	0.490291	1.99283	1.99283	3.41558	52.3836	13.6326	1
cg19788831	0.909706	0.981575	-1.01877	6.95E-07	0.109884	-9.10048	0.139777	1.29752	1.29752	0.0416673	1.46952	1.46952	24.4615	10.4102	0.378289	1
cg22589628	0.852956	1.01779	1.01779	0.0764767	1.20597	1.20597	7.22E-07	3.57477	3.57477	0.121525	1.17296	1.17296	23.8604	3.41312	0.127151	1
cg03114573	0.00914401	0.397805	-2.5138	7.57E-05	0.135513	-7.37935	0.638114	0.876427	-1.141	0.000308666	0.195838	-5.10627	17.0933	20.9862	1.09133	1
cg16080781	0.769963	0.96351	-1.03787	0.0275566	0.718673	-1.39145	0.000192374	2.21676	2.21676	0.162907	1.20783	1.20783	15.5128	3.94839	0.226244	1
cg00067018	0.508889	1.14884	1.14884	0.640722	0.907266	-1.10221	5.57E-06	8.35653	8.35653	0.230984	1.29715	1.29715	15.401	10.4573	0.603557	1
cg18729001	0.0524178	0.352313	-2.83839	0.0819559	0.401888	-2.48826	0.000704102	11.5017	11.5017	0.58118	0.768335	-1.30152	6.05983	21.4689	3.14917	1
cg17450733	0.143402	2.18893	2.18893	0.00978716	5.09042	5.09042	0.00079619	12.4781	12.4781	0.926307	0.954954	-1.04717	5.72303	22.5007	3.49476	1
cg26274596	0.00133341	0.102325	-9.77275	0.310837	1.62275	1.62275	0.0292696	3.35561	3.35561	0.0310134	3.29662	3.29662	5.91294	19.3386	2.54376	1
cg17347348	0.0513406	0.364516	-2.74336	0.00839021	0.216167	-4.62606	0.812297	1.11428	1.11428	0.444761	0.701625	-1.42526	4.67428	15.3171	2.9128	1
cg12915695	0.629425	0.940994	-1.06271	0.05675	0.763583	-1.30962	0.025719	1.39286	1.39286	0.632459	1.06213	1.06213	4.34909	1.07769	0.220264	1
cg02332982	0.0678876	0.308441	-3.24211	0.857414	1.10898	1.10898	0.0041573	9.11149	9.11149	0.260908	1.96289	1.96289	3.6864	19.3156	4.65749	1
cg16723134	0.063154	2.20294	2.20294	0.112424	1.91493	1.91493	0.644273	0.841407	-1.18849	0.156434	1.76526	1.76526	5.38871	7.6663	1.65977	1
cg26071823	0.272373	0.835223	-1.19728	0.0211831	0.646147	-1.54764	0.279025	1.19409	1.19409	0.201135	1.2371	1.2371	3.42968	1.34919	0.349678	1
cg05017015	0.930775	0.983024	-1.01727	0.0569219	1.52896	1.52896	0.311929	0.813716	-1.22893	0.000316815	0.316781	-3.15676	31.6928	19.4928	0.546717	1
cg13754859	1.49E-05	0.44623	-2.241	0.0458888	0.814195	-1.22821	0.391152	1.08212	1.08212	0.975703	1.00274	1.00274	14.5488	1.85925	0.113594	1
cg25487438	0.249026	0.794168	-1.25918	5.88E-05	0.241056	-4.14841	0.501558	0.877684	-1.13936	0.149155	1.34432	1.34432	7.96758	4.61681	0.515066	1
cg20454520	0.0684093	0.561398	-1.78127	0.000204102	0.171768	-5.82179	0.470619	0.81246	-1.23083	0.987039	0.995414	-1.00461	5.53352	7.0177	1.1273	1
cg05047223	0.00894413	1.69307	1.69307	0.649833	0.930184	-1.07506	0.784506	1.04436	1.04436	0.706526	0.941862	-1.06173	3.89492	1.54671	0.352986	1
cg02930876	0.0162023	3.00351	3.00351	0.0951917	1.98496	1.98496	0.204498	0.606109	-1.64987	0.227387	0.622586	-1.6062	3.85962	8.54798	1.96864	1
cg11122939	0.387527	0.860983	-1.16146	0.586564	1.09724	1.09724	0.132057	1.31613	1.31613	0.0701484	1.40796	1.40796	3.46522	1.5674	0.402065	1
cg18676764	0.397645	0.902973	-1.10745	0.0525894	1.29654	1.29654	0.0995417	0.808366	-1.23706	0.936668	1.00941	1.00941	8.24626	1.81376	0.195511	1
cg13849647	0.798555	0.94002	-1.06381	0.0226763	0.516942	-1.93445	0.00246553	2.76841	2.76841	0.209238	0.726072	-1.37727	5.91185	5.47687	0.823487	1
cg14087051	0.042895	0.788467	-1.26828	6.82E-05	0.475634	-2.10246	0.728473	1.03618	1.03618	0.417895	1.0881	1.0881	7.60159	1.25236	0.146444	1
cg25086957	0.0038951	2.18057	2.18057	0.0012234	2.58272	2.58272	3.99E-05	4.82941	4.82941	0.0135642	0.541876	-1.84544	22.6887	14.4572	0.566398	1
cg01988541	0.102823	0.674639	-1.48227	0.820294	1.05146	1.05146	0.208512	0.746482	-1.33962	6.74E-06	0.110353	-9.06183	19.1638	14.7597	0.684609	1
cg02261899	0.00434023	0.0760971	-13.1411	0.832476	1.15389	1.15389	0.00680764	10.6897	10.6897	0.334591	1.95905	1.95905	7.87253	56.9344	6.42847	1
cg14972889	0.162	2.07923	2.07923	0.721184	0.838888	-1.19205	0.00781136	0.187496	-5.33346	0.00103392	0.0923006	-10.8342	7.49196	28.5175	3.38348	1
cg01913196	0.176547	2.07662	2.07662	0.00195635	0.107845	-9.27253	0.00665654	5.99536	5.99536	0.0899627	0.38651	-2.58726	7.4409	30.4877	3.64206	1
cg26351479	0.0104517	0.0664579	-15.0471	0.656927	0.686606	-1.45644	0.00368123	27.1716	27.1716	0.154093	3.60861	3.60861	5.42022	60.7317	9.95969	1
cg02936076	0.107191	2.11007	2.11007	0.129965	2.0029	2.0029	0.0701459	2.36252	2.36252	0.0389672	0.362449	-2.75901	5.04036	14.3951	2.53864	1
cg07344627	0.30683	2.00065	2.00065	0.0705021	0.265792	-3.76234	0.00699284	9.84098	9.84098	0.174117	0.387616	-2.57987	4.56644	31.0757	6.0491	1
cg20214004	0.44464	1.58283	1.58283	0.0334305	0.231174	-4.32575	0.00684866	7.8762	7.8762	0.426823	0.619932	-1.61308	4.13438	22.7398	4.88905	1
cg22980351	0.0557255	2.78016	2.78016	0.194743	0.523617	-1.90979	0.00487731	5.81343	5.81343	0.230651	0.552582	-1.80969	3.97617	14.0113	3.13229	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)
cg17120952	DCAF12L2	9.57E-06	0.0181614	1.40868	1.40868	0.758588	1.03751	1.03751	6.07E-05	0.412873	-2.42205	0.218424	0.856724	-1.16724	2.32E-07
cg26224242	DCAF12L2	2.03E-05	0.436606	1.20841	1.20841	2.27E-05	0.13218	-7.56546	6.13E-05	0.171351	-5.83598	0.224103	1.35614	1.35614	4.70E-06
cg25896901	DCAF12L2	0.0419171	0.105531	0.259664	-3.85112	0.575711	1.53903	1.53903	0.905538	0.913455	-1.09474	0.108427	3.80111	3.80111	0.124471
cg13950250	DCAF13	0.0263404	0.142833	0.73333	-1.36364	0.441476	0.856782	-1.16716	0.00835876	0.514973	-1.94185	0.573028	1.11868	1.11868	0.354147
cg21221947	DCAF13;SLC25A32	0.000106534	0.0105399	0.792492	-1.26184	1.00E-05	1.98354	1.98354	0.15254	0.895162	-1.11712	0.651054	1.03346	1.03346	0.101893
cg01870903	DCAF13;SLC25A32	0.0213334	0.0694051	0.423969	-2.35866	0.16074	1.88314	1.88314	0.0870348	2.22182	2.22182	0.834691	1.0923	1.0923	0.439496
cg05275231	DCAF13;SLC25A32	0.0227943	0.112025	1.63231	1.63231	0.985992	1.00498	1.00498	0.00582844	2.77973	2.77973	0.531925	1.19636	1.19636	0.66064
cg10760452	DCAF15;PODNL1;PODNL1	0.000592221	0.0824573	1.4271	1.4271	0.993564	1.00149	1.00149	0.225153	1.26559	1.26559	0.336955	0.832738	-1.20086	0.24082
cg03590257	DCAF16	0.0228396	0.0205723	0.564237	-1.7723	0.449138	1.17144	1.17144	0.299872	0.802192	-1.24659	0.537332	0.879731	-1.13671	0.00097388
cg16350446	DCAF17;DCAF17;DCAF17	0.00047107	0.108814	1.36037	1.36037	0.00275228	0.483361	-2.06885	0.00400113	0.506286	-1.97517	0.0051873	0.522435	-1.91411	0.000173952
cg06772099	DCAF17;DCAF17;DCAF17;METTL8	0.00235837	0.000178131	0.172557	-5.79519	0.0870654	1.68673	1.68673	0.88868	1.03951	1.03951	0.00844281	0.394333	-2.53593	0.396691
cg09586534	DCAF17;DCAF17;METTL8;DCAF17;DCAF17;DCAF17	0.00498888	0.665432	1.02355	1.02355	0.0599839	0.892656	-1.12025	0.0257724	1.15222	1.15222	0.000913224	1.3038	1.3038	0.0211546
cg20884636	DCAF17;DCAF17;METTL8;DCAF17;DCAF17;DCAF17	0.0187803	0.625031	1.06885	1.06885	0.47657	1.10279	1.10279	0.423718	1.11679	1.11679	0.490528	1.0993	1.0993	0.483202
cg00441741	DCAF17;METTL8;DCAF17;DCAF17	0.000564309	0.00322111	0.68901	-1.45136	0.000175479	0.554459	-1.80356	0.0831597	0.837141	-1.19454	0.432642	0.928479	-1.07703	0.0373362
cg09281979	DCAF17;METTL8;DCAF17;DCAF17	0.0180346	0.0170004	0.114146	-8.76073	0.0455933	0.180971	-5.52574	0.15946	0.325911	-3.06832	0.579089	1.51868	1.51868	0.455401
cg09511246	DCAF17;METTL8;DCAF17;DCAF17	0.0348671	0.00139269	0.479441	-2.08576	0.150288	1.27728	1.27728	0.580692	0.915258	-1.09259	0.193757	1.24388	1.24388	0.459587
cg05394497	DCAF17;METTL8;DCAF17;DCAF17	0.043311	0.369267	0.854293	-1.17056	0.0188185	1.62585	1.62585	0.256719	1.22406	1.22406	0.982664	0.996296	-1.00372	0.750721
cg22138461	DCAF17;METTL8;DCAF17;METTL8;DCAF17;DCAF17	0.0201624	0.0643788	0.800869	-1.24864	0.00708727	1.45035	1.45035	0.135672	1.18749	1.18749	0.356947	0.903712	-1.10655	0.80248
cg04167819	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.000156226	0.223409	1.22052	1.22052	0.000269622	0.394239	-2.53653	0.000915648	0.462123	-2.16393	0.836346	1.03275	1.03275	4.89E-06
cg24043861	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.000708646	0.78124	1.02415	1.02415	0.00188055	0.685324	-1.45916	0.0176921	0.780881	-1.28061	0.0858498	0.849811	-1.17673	0.00617958
cg02121526	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.00301519	0.00505525	0.43981	-2.27371	0.0862922	1.52182	1.52182	0.0758262	1.54935	1.54935	0.168017	0.722128	-1.3848	0.000359075
cg00993205	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0032737	0.0476395	0.622534	-1.60634	0.00941887	0.502233	-1.99111	0.00163055	0.388913	-2.57127	0.970886	1.00767	1.00767	0.0932776
cg19948037	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0114607	0.0061738	0.332085	-3.01128	0.00373938	0.296543	-3.37219	0.188344	1.51546	1.51546	0.229005	1.45635	1.45635	0.0568036
cg13704629	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0116599	0.800479	0.963603	-1.03777	0.000499443	0.45056	-2.21946	0.0611994	0.734294	-1.36185	0.0601655	0.733156	-1.36397	0.372069
cg13198844	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0168807	0.39279	1.33728	1.33728	0.00473479	3.47495	3.47495	0.234883	1.51187	1.51187	0.00460056	0.285895	-3.49779	0.36402
cg22918634	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0198161	0.0108814	0.489312	-2.04369	0.0520797	1.63889	1.63889	0.128279	0.692429	-1.44419	0.526937	1.15409	1.15409	0.0175178
cg25017342	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0204405	0.0109665	0.151568	-6.59771	0.960281	1.02987	1.02987	0.0436655	0.253907	-3.93845	0.112275	0.359881	-2.7787	0.0149463
cg13490869	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0319769	0.0140678	0.359296	-2.78322	0.135717	0.581033	-1.72107	0.0509395	0.471974	-2.11876	0.21596	1.55228	1.55228	0.00484426
cg21117139	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.000720001	0.128304	0.878884	-1.13781	1.02E-05	2.10117	2.10117	0.352203	1.07808	1.07808	0.0648193	1.17687	1.17687	0.134463
cg21199355	DCAF4L1	7.00E-05	0.148841	1.3616	1.3616	0.774058	0.944235	-1.05906	0.0695989	0.667255	-1.49868	0.00068084	0.355253	-2.8149	5.54E-06
cg22428762	DCAF4L1	8.17E-05	0.448914	0.903162	-1.10722	0.00977419	1.53914	1.53914	0.84737	1.02576	1.02576	0.197439	0.835411	-1.19702	3.12E-06
cg02853107	DCAF4L1	0.000884837	0.874627	1.03332	1.03332	0.00208463	2.45754	2.45754	0.185606	0.747266	-1.33821	0.992166	0.997964	-1.00204	0.000106047
cg00013196	DCAF4L2	0.000112647	0.00212803	1.5041	1.5041	0.000365632	1.71575	1.71575	0.125899	0.855054	-1.16952	0.998089	0.999774	-1.00023	0.00441846
cg23701865	DCAF4L2	0.00393339	0.839866	0.977589	-1.02293	0.390762	0.906179	-1.10353	0.564094	0.936763	-1.06751	0.142726	1.19303	1.19303	0.251908
cg13008331	DCAF4L2;DCAF4L2	0.00576193	0.0212968	0.535434	-1.86764	0.00220066	0.379526	-2.63487	0.0110797	0.487261	-2.05229	0.475488	0.848929	-1.17795	0.00334745
cg15707869	DCAF4L2;DCAF4L2	0.0462332	0.152387	0.729977	-1.36991	0.00496732	2.14594	2.14594	0.302922	0.803246	-1.24495	0.472671	1.1618	1.1618	0.252584
cg22783747	DCAF5	8.88E-06	0.100421	0.791695	-1.26311	0.00559283	0.623612	-1.60356	0.0884919	0.783558	-1.27623	0.700308	0.951042	-1.05148	2.17E-07
cg20066347	DCAF5	0.00118006	0.0411048	0.808568	-1.23675	0.820545	1.0207	1.0207	0.045673	0.813354	-1.22948	0.0269889	0.789678	-1.26634	0.0246354
cg23037469	DCAF5	0.00365386	0.00484686	2.74373	2.74373	0.0096368	0.412645	-2.42339	0.134645	1.54616	1.54616	0.323364	0.759133	-1.31729	0.00226882
cg14116388	DCAF5	0.00611321	0.239779	0.724506	-1.38025	0.000968514	0.276432	-3.61753	0.00046745	0.236888	-4.2214	0.0471761	0.551779	-1.81232	0.0892527
cg06881965	DCAF5	0.0196056	0.00924377	0.224421	-4.4559	0.00946971	0.226034	-4.42411	0.0705852	0.400937	-2.49416	0.624161	0.799832	-1.25026	0.0218701
cg21566635	DCAF5	0.0239677	0.113144	1.56657	1.56657	0.00764654	2.44171	2.44171	0.00102855	3.54822	3.54822	0.804759	1.06661	1.06661	0.109847
cg21954263	DCAF5	0.0335533	0.869463	1.0272	1.0272	0.0346049	1.49482	1.49482	0.223788	1.23188	1.23188	0.994214	1.00118	1.00118	0.116145
cg11869747	DCAF5	0.0338705	0.320452	0.812879	-1.2302	0.331873	1.22389	1.22389	0.0295404	1.67719	1.67719	0.616907	1.10714	1.10714	0.0315247
cg07160694	DCAF5;DCAF5	0.00261811	0.00628527	0.41112	-2.43238	0.0302621	1.88908	1.88908	0.0211578	0.500504	-1.99798	0.657565	0.894581	-1.11784	0.000356543
cg25738037	DCAF6;DCAF6	0.000246692	0.00172164	1.94606	1.94606	0.00207426	0.524466	-1.9067	0.42693	0.886259	-1.12834	0.276795	1.18338	1.18338	0.00390937
cg24449463	DCAF6;DCAF6	0.00901702	0.00193743	2.03951	2.03951	0.175131	0.791095	-1.26407	0.376766	0.862953	-1.15881	0.557375	0.90807	-1.10124	0.974959
cg14434187	DCAF7	0.0200482	0.084036	0.763508	-1.30974	0.0046657	0.588019	-1.70063	0.47295	1.10853	1.10853	0.206543	0.828577	-1.20689	0.00859723
cg21918699	DCAF7	0.0337	0.174669	0.891169	-1.12212	0.0152902	1.26828	1.26828	0.965192	0.996523	-1.00349	0.377968	0.930351	-1.07486	0.0596613
cg17304878	DCAF7;DCAF7	0.0404361	0.00315137	10.7546	10.7546	0.519938	0.693819	-1.4413	0.641513	0.769112	-1.3002	?	?	?	?
cg08897054	DCAF8;DCAF8;DCAF8	0.00282753	0.575933	1.14423	1.14423	0.193556	1.3882	1.3882	0.0211614	1.93643	1.93643	0.0312032	1.82723	1.82723	0.0942163
cg09416175	DCAF8;DCAF8;DCAF8	0.00527762	0.100516	1.31714	1.31714	0.00866613	1.66916	1.66916	0.79364	0.960655	-1.04096	0.95779	1.00814	1.00814	0.0931391
cg26348447	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	5.93E-05	0.0161021	1.32889	1.32889	6.35E-06	0.377994	-2.64555	0.00361282	0.683635	-1.46277	0.0747187	1.21128	1.21128	0.0206755
cg24659538	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.000852025	0.152812	0.750109	-1.33314	0.0153193	1.74892	1.74892	0.00163059	2.33393	2.33393	0.770725	1.05641	1.05641	0.000967817
ch.1.3132707F	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.00309501	0.000473501	0.12942	-7.72676	0.526484	0.787398	-1.27001	0.862156	1.06687	1.06687	0.0411226	0.415771	-2.40517	?
cg03915298	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.0137847	0.396588	1.19223	1.19223	0.0164453	1.81079	1.81079	0.00311394	2.26825	2.26825	0.744116	0.935813	-1.06859	0.652201
cg26162836	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.0171034	0.722742	0.958561	-1.04323	0.163777	1.19308	1.19308	0.0549607	1.29505	1.29505	0.010361	0.681399	-1.46757	0.680388
cg18136311	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.0397928	0.243561	1.13071	1.13071	0.880985	0.98503	-1.0152	0.436508	0.923193	-1.0832	0.0985618	0.833289	-1.20006	0.0222144
cg25602651	DCAF8L1	0.00782239	0.00793315	0.205774	-4.85969	0.296274	0.604758	-1.65355	0.0355303	0.320932	-3.11592	0.366523	0.649979	-1.53851	0.103585
cg24091810	DCAF8L1	0.029611	0.427473	1.33943	1.33943	0.0118698	0.322091	-3.10471	0.0244029	0.380048	-2.63125	0.123285	1.82614	1.82614	0.0149152
cg01986775	DCAF8L1;DCAF8L1	1.56E-05	0.156909	1.18552	1.18552	5.51E-06	0.315308	-3.1715	9.21E-06	0.340411	-2.93762	0.567586	1.0671	1.0671	0.397919
cg26492304	DCAF8L1;DCAF8L1	0.000121558	0.0935774	1.73016	1.73016	0.00438022	0.32264	-3.09943	0.000114302	0.133637	-7.48298	0.979344	1.00773	1.00773	6.27E-06
cg07258624	DCAF8L2	0.00100734	0.15275	1.41336	1.41336	0.863795	1.03955	1.03955	0.00285811	0.395647	-2.52751	0.188666	0.730053	-1.36976	0.00328283
cg25418042	DCAF8L2	0.0122803	0.584031	1.24831	1.24831	0.00152029	0.160172	-6.2433	0.030517	0.360688	-2.77248	0.835815	0.920124	-1.08681	0.0127767
cg18827893	DCAF8L2;DCAF8L2	0.017275	0.539858	1.45649	1.45649	0.12927	0.370417	-2.69966	0.726839	0.808567	-1.23676	0.0576599	0.272382	-3.67131	0.009873
cg25538415	DCAKD;DCAKD	0.00785281	0.0426889	0.217938	-4.58846	0.855236	0.887584	-1.12665	0.175115	0.389991	-2.56416	0.017035	0.149634	-6.68297	0.00356887
cg18176312	DCAKD;DCAKD	0.0209735	0.267435	0.696781	-1.43517	0.25041	1.45585	1.45585	0.360748	0.745411	-1.34154	0.941698	1.02314	1.02314	0.00472467
cg17093642	DCAKD;DCAKD	0.0289891	0.546279	1.13418	1.13418	0.624218	1.10717	1.10717	0.772297	1.06166	1.06166	0.645935	1.10009	1.10009	0.680388
cg23004409	DCAKD;DCAKD	0.0309354	0.0389696	0.407463	-2.45421	0.011433	3.28385	3.28385	0.82713	1.08563	1.08563	0.245725	0.633756	-1.5779	0.0508907
cg05729588	DCAKD;DCAKD	0.0379074	0.259855	0.666307	-1.50081	0.0920028	0.526909	-1.89786	0.332259	0.707851	-1.41273	0.115072	1.80737	1.80737	0.0369908
cg03716233	DCAKD;DCAKD;DCAKD	0.0293428	0.0844864	1.65747	1.65747	0.00242602	0.326974	-3.05834	0.0105239	0.426435	-2.34502	0.792328	0.932517	-1.07237	0.184596
cg24354954	DCAKD;NMT1	5.55E-05	0.0638635	1.27529	1.27529	0.0011345	1.74893	1.74893	0.00839236	1.48155	1.48155	0.0019526	0.599704	-1.66749	4.90E-06
cg02077631	DCAKD;NMT1	0.00776935	0.221889	0.750186	-1.333	0.178748	1.37688	1.37688	0.585919	1.13106	1.13106	0.32134	0.795022	-1.25783	0.374114
cg21132931	DCAKD;NMT1	0.0288923	0.695024	1.04953	1.04953	0.0146541	1.44586	1.44586	0.0127808	1.46153	1.46153	0.626592	0.941617	-1.062	0.623122
cg07481784	DCAKD;NMT1	0.0493165	0.548736	0.851278	-1.1747	0.00264401	3.19748	3.19748	0.118145	1.57649	1.57649	0.0815418	0.594719	-1.68147	0.574637
cg06172859	DCBLD1	0.00182547	0.0977657	1.43442	1.43442	0.557106	1.12516	1.12516	0.802948	1.05091	1.05091	0.526853	0.880438	-1.1358	2.28E-05
cg05053978	DCBLD1	0.0101282	0.00943577	5.27257	5.27257	0.0278765	3.71771	3.71771	0.308388	0.586999	-1.70358	0.12368	2.32228	2.32228	0.0652857
cg01883195	DCBLD1	0.0102808	0.0385361	0.473953	-2.10991	0.923637	1.03032	1.03032	0.188657	0.647996	-1.54322	0.00879176	2.8275	2.8275	0.00393979
cg11412288	DCBLD1	0.0151677	0.0259233	3.65767	3.65767	0.0364507	3.2953	3.2953	0.197995	1.94897	1.94897	0.138161	2.18793	2.18793	0.0551826
cg23172480	DCBLD1	0.0152148	0.00770506	3.51301	3.51301	0.00293866	4.47731	4.47731	0.126377	1.83467	1.83467	0.0781088	2.05108	2.05108	0.0939746
cg14611402	DCBLD1	0.0153367	0.183751	1.48354	1.48354	0.00453701	2.87931	2.87931	0.411714	1.2646	1.2646	0.12297	1.59582	1.59582	0.408363
cg04248234	DCBLD1	0.0203276	0.118071	2.50796	2.50796	0.010776	5.67268	5.67268	0.398703	0.626166	-1.59702	0.0823069	2.83721	2.83721	0.713814
cg04421891	DCBLD1	0.025786	0.0138338	0.115619	-8.64913	0.0066698	0.0823889	-12.1376	0.112092	0.293174	-3.41094	0.0648413	0.229794	-4.35172	0.0187268
cg07643096	DCBLD1	0.0274419	0.159486	1.46748	1.46748	0.00249604	2.92089	2.92089	0.459777	1.21169	1.21169	0.0106944	2.26721	2.26721	0.446994
cg04344000	DCBLD1	0.0423052	0.0233419	3.22317	3.22317	0.0110064	3.96518	3.96518	0.544118	0.767087	-1.30363	0.17242	1.87235	1.87235	0.810848
cg03945827	DCBLD1	0.0479092	0.353313	0.794354	-1.25888	0.410853	0.816501	-1.22474	0.136357	0.679176	-1.47237	0.00133748	0.324987	-3.07705	0.380831
cg17567125	DCBLD2	0.000208745	6.30E-05	0.605762	-1.65081	0.305716	0.930387	-1.07482	0.0942908	1.13331	1.13331	0.218801	0.915765	-1.09198	0.00649048
cg16331862	DCBLD2	0.000680143	0.00072242	0.378556	-2.64161	0.00155697	0.423629	-2.36056	0.0216892	0.594211	-1.6829	0.122893	0.729298	-1.37118	0.000257001
cg16414691	DCBLD2	0.00869895	0.00494558	0.31256	-3.19939	0.897423	0.960502	-1.04112	0.00481299	0.31075	-3.21802	0.298059	0.713883	-1.40079	0.00437483
cg12226735	DCBLD2	0.0150478	0.103101	0.763072	-1.31049	0.0102473	1.63359	1.63359	0.0513161	0.714263	-1.40004	0.159575	0.796181	-1.256	0.0410395
cg03418095	DCBLD2	0.0185474	0.125198	0.689773	-1.44975	0.902645	1.02776	1.02776	0.343502	0.803824	-1.24405	0.0156214	1.94128	1.94128	0.69776
cg02564302	DCBLD2	0.0210554	0.87509	0.971807	-1.02901	0.0244697	0.614307	-1.62785	0.000787573	0.397528	-2.51555	0.328879	1.20105	1.20105	0.50644
cg27410952	DCBLD2;DCBLD2	0.00761779	0.11189	0.765657	-1.30607	0.081558	1.34682	1.34682	0.00511602	1.76919	1.76919	0.183013	1.24349	1.24349	0.451158
cg25204852	DCC	0.000128836	0.000433462	0.21232	-4.70987	0.00156027	0.281918	-3.54714	0.00459905	0.34978	-2.85894	0.141814	0.644098	-1.55256	9.02E-05
cg16964748	DCC	0.000357045	0.00548794	0.389405	-2.56802	7.98E-05	0.158723	-6.30028	0.00039694	0.233032	-4.29127	0.0728227	0.596354	-1.67686	0.00132217
cg14743291	DCC	0.000367459	1.37E-05	0.138165	-7.2377	0.00220042	2.54749	2.54749	0.744032	1.07398	1.07398	0.332588	1.24326	1.24326	0.00947898
cg02835371	DCC	0.000736657	0.00225625	0.314686	-3.17777	0.000518633	0.231197	-4.32531	0.023649	0.481524	-2.07674	0.211439	0.700405	-1.42775	0.00234412
cg21263710	DCC	0.00151779	0.017107	0.407521	-2.45386	0.000126812	0.127432	-7.8473	0.00173916	0.251786	-3.97162	0.865432	0.948963	-1.05378	0.0203126
cg14222939	DCC	0.00194438	0.0355015	0.51618	-1.93731	0.000704325	0.247813	-4.0353	0.0119342	0.428464	-2.33392	0.39771	0.791411	-1.26357	0.00581158
cg06784848	DCC	0.00238096	0.0201092	0.433834	-2.30503	0.00628272	0.346363	-2.88714	0.00307478	0.299103	-3.34333	0.391721	0.77001	-1.29868	0.00199876
cg07935012	DCC	0.00477391	0.253966	1.20632	1.20632	0.100674	1.32728	1.32728	0.000272265	2.55862	2.55862	0.0149064	1.60234	1.60234	0.213968
cg19042459	DCC	0.00579195	0.342861	0.802608	-1.24594	0.438453	0.837085	-1.19462	0.573832	0.879967	-1.13641	0.939148	0.982967	-1.01733	0.000107262
cg14268020	DCC	0.00579646	0.00591898	0.276488	-3.61679	0.0161877	0.349791	-2.85885	0.0497203	0.449609	-2.22415	0.181538	0.602625	-1.65941	0.00327467
cg02837027	DCC	0.00743772	0.00920076	0.254341	-3.93173	0.00520199	0.21723	-4.60341	0.00566436	0.222491	-4.49456	0.268744	0.620697	-1.61109	0.00575296
cg21381065	DCC	0.0086687	0.0834871	0.711372	-1.40573	0.0258571	0.624803	-1.60051	0.0085933	1.81448	1.81448	0.233923	1.24836	1.24836	0.842208
cg18866015	DCC	0.0230018	0.0920672	1.74017	1.74017	0.843509	1.06082	1.06082	0.538883	1.20426	1.20426	0.522898	1.21341	1.21341	0.00736096
cg25818763	DCC	0.0348352	0.0239697	0.23392	-4.27496	0.388686	0.620936	-1.61047	0.0238291	0.233455	-4.28348	0.656839	0.78569	-1.27277	0.0191284
cg20917891	DCC	0.0400544	0.0588092	0.529852	-1.88732	0.603275	0.85553	-1.16887	0.0351627	0.481787	-2.0756	0.356203	1.32633	1.32633	0.436341
cg25602457	DCC	0.0407874	0.882653	1.02465	1.02465	0.00485712	0.540336	-1.8507	0.0866972	0.732061	-1.36601	0.115572	1.32575	1.32575	0.505322
cg13396068	DCD	8.53E-06	2.37E-05	0.228783	-4.37095	0.640947	0.921151	-1.0856	8.73E-06	0.184823	-5.41059	0.211473	0.794389	-1.25883	0.819102
cg00868860	DCD	1.30E-05	1.86E-05	0.150346	-6.65131	1.21E-05	0.134269	-7.44773	5.35E-05	0.194457	-5.14254	0.00121477	0.357395	-2.79803	0.00100234
cg01687040	DCD	0.000538118	0.00244198	0.177472	-5.63468	0.000313192	0.0911141	-10.9752	0.00289477	0.186561	-5.36017	0.00502831	0.218421	-4.57832	0.00044552
cg16606256	DCD	0.00198422	0.00234561	0.35777	-2.79509	0.555808	0.865691	-1.15515	0.000347043	0.248354	-4.02652	0.456174	0.832179	-1.20166	0.288374
cg25372195	DCD	0.00224561	0.0016628	0.174549	-5.72904	0.201419	0.592466	-1.68786	0.00112713	0.155692	-6.42293	0.00122628	0.159654	-6.26354	0.0506082
cg15016120	DCD	0.0325756	0.00543536	0.153332	-6.52179	0.98539	1.00943	1.00943	0.0306985	0.272175	-3.67411	0.170469	0.473156	-2.11347	0.0443455
cg02595061	DCDC1	0.00212039	0.00137145	0.480694	-2.08033	0.156488	1.27012	1.27012	0.000253088	0.386178	-2.58948	0.0566079	0.711466	-1.40555	0.0523605
cg03329408	DCDC1	0.0104149	0.192969	0.678031	-1.47486	0.46916	1.23084	1.23084	0.0258189	0.474052	-2.10947	0.662769	0.883596	-1.13174	0.00157386
cg02247211	DCDC1	0.01106	0.874467	0.976481	-1.02409	0.286227	0.84644	-1.18142	0.000502276	0.44086	-2.2683	0.0454015	0.707887	-1.41265	0.0066041
cg07428919	DCDC1;DNAJC24	0.00136324	0.00327053	0.269667	-3.70827	0.689255	1.14043	1.14043	?	?	?	?	?	?	0.185356
cg24811929	DCDC1;DNAJC24	0.0112513	0.58794	1.11788	1.11788	0.685931	1.08634	1.08634	0.962489	0.990466	-1.00963	0.0381076	0.612844	-1.63174	0.0125896
cg04945158	DCDC2	0.000481897	0.100567	1.64006	1.64006	0.000912323	3.9105	3.9105	0.00920399	2.48286	2.48286	0.0014115	3.56498	3.56498	0.0040812
cg07054208	DCDC2	0.000487047	0.22908	1.62757	1.62757	9.90E-05	14.3943	14.3943	0.00294522	4.83422	4.83422	0.0134727	3.25615	3.25615	0.0024326
cg16427109	DCDC2	0.000676901	0.887314	1.04288	1.04288	0.000151987	6.85094	6.85094	0.00116222	4.10627	4.10627	0.0332156	2.09	2.09	0.161685
cg11563656	DCDC2	0.00597571	0.220202	1.20891	1.20891	0.689998	0.942701	-1.06078	0.000587382	2.18526	2.18526	0.344528	1.15407	1.15407	0.00182245
cg16387436	DCDC2	0.00895383	0.0137874	2.97487	2.97487	0.00394352	4.01006	4.01006	0.0111417	3.12507	3.12507	0.043737	2.29373	2.29373	0.623892
cg16896008	DCDC2	0.0132049	0.0273221	0.304673	-3.28221	0.170016	0.514167	-1.94489	0.146213	0.491665	-2.03391	0.916776	0.953539	-1.04873	0.0002541
cg24397545	DCDC2	0.0271061	0.0212931	0.210433	-4.75211	0.111533	0.376807	-2.65388	0.0618394	0.305977	-3.26822	0.0460873	0.276075	-3.62221	0.00277869
cg08107960	DCDC2	0.0447824	0.115376	0.509223	-1.96378	0.00525366	0.234281	-4.26837	0.156658	0.550291	-1.81722	0.539934	0.782982	-1.27717	0.0303865
cg00853979	DCDC2B	0.00107081	0.0242498	1.68524	1.68524	0.000661904	2.75427	2.75427	0.00259089	2.2505	2.2505	0.0148394	1.79026	1.79026	0.238883
cg06909646	DCDC2B	0.0344819	0.197635	0.835574	-1.19678	0.396104	1.12146	1.12146	0.791703	0.965687	-1.03553	0.578812	1.07677	1.07677	0.00121538
cg20563278	DCHS1	4.57E-05	0.150637	0.825463	-1.21144	0.0200117	1.41837	1.41837	0.0188921	1.42481	1.42481	0.0344834	1.3594	1.3594	1.09E-06
cg25639082	DCHS1	0.000683879	0.0591109	0.825397	-1.21154	0.0114494	0.752084	-1.32964	0.17263	0.877485	-1.13962	0.290457	0.905937	-1.10383	0.0612763
cg09236382	DCHS1	0.00279965	5.73E-05	0.0229937	-43.4902	0.734093	1.18802	1.18802	0.480878	0.696241	-1.43628	0.503586	0.709647	-1.40915	0.13575
cg00922310	DCHS1	0.00300771	0.545968	1.09003	1.09003	0.00727421	0.613623	-1.62966	0.400301	0.88563	-1.12914	0.256492	0.84613	-1.18185	0.722992
cg02575193	DCHS1	0.00303449	0.0147332	0.545245	-1.83404	0.545254	1.13168	1.13168	0.00360633	0.451048	-2.21706	0.165979	1.34783	1.34783	0.000901454
cg24126851	DCHS1	0.00574964	0.0412124	0.61749	-1.61946	0.0140264	1.86061	1.86061	0.00939984	0.509658	-1.9621	0.0153304	1.83906	1.83906	0.0190699
cg05550420	DCHS1	0.0307374	0.0349151	0.42825	-2.33509	0.405139	0.745394	-1.34157	0.0614846	0.483476	-2.06835	0.82677	0.927176	-1.07854	0.0203956
cg26241462	DCHS1	0.0453056	0.451018	0.75606	-1.32265	0.0992827	1.93079	1.93079	0.201956	0.612263	-1.63329	0.0333283	2.47351	2.47351	0.0218659

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19049165	DCHS2	9.04E-05	0.776678	1.02942	1.02942	9.88E-05	2.02331	2.02331	0.308642	0.898147	-1.1134	0.0107829	1.38617	1.38617	0.0116304	1.37925	1.37925
cg24494262	DCHS2	0.00177823	0.312722	1.22174	1.22174	0.360503	0.835025	-1.19757	0.00780661	0.519458	-1.92508	0.109534	1.39741	1.39741	0.00174417	0.424854	-2.35375
cg18463371	DCHS2	0.00606158	0.274294	1.25536	1.25536	0.312742	1.23215	1.23215	0.563799	0.889882	-1.12374	0.0119352	1.87238	1.87238	0.000629925	0.349765	-2.85906
cg00554631	DCHS2	0.00772433	0.0340556	0.662785	-1.50878	0.000665358	2.37799	2.37799	0.452835	1.1356	1.1356	0.256853	0.821382	-1.21746	0.844534	0.967883	-1.03318
cg23855030	DCHS2	0.031329	0.152525	0.81083	-1.2333	0.573227	1.081	1.081	0.993016	0.998803	-1.0012	0.537322	0.918077	-1.08923	0.22678	0.840585	-1.18965
cg00067274	DCHS2;DCHS2	0.000963415	0.498446	0.829421	-1.20566	0.00842438	0.400232	-2.49855	0.015428	0.445346	-2.24544	0.043669	0.531975	-1.87979	0.000100849	0.153223	-6.52644
cg05922210	DCHS2;DCHS2	0.00221421	0.00846865	0.420829	-2.37626	0.0712885	1.67991	1.67991	0.0290342	0.515502	-1.93986	0.196597	0.70358	-1.4213	0.00151565	0.308419	-3.24234
cg00778930	DCHS2;DCHS2	0.00289295	0.341313	0.840164	-1.19024	0.00106566	0.423551	-2.36099	0.405097	1.16334	1.16334	0.843145	1.03581	1.03581	0.318251	0.832583	-1.20108
cg17807806	DCHS2;DCHS2	0.00523819	0.0818628	1.32256	1.32256	0.00328479	0.559425	-1.78755	0.134055	0.791132	-1.26401	0.780423	1.04135	1.04135	0.107161	1.29046	1.29046
cg03842933	DCHS2;DCHS2	0.00595186	0.0315207	0.336524	-2.97155	0.0786061	0.430157	-2.32473	0.0086783	0.235847	-4.24004	0.0109703	0.251986	-3.96848	0.000575024	0.10013	-9.98705
cg01685883	DCHS2;DCHS2	0.00605623	0.561593	0.921674	-1.08498	0.00486014	1.68019	1.68019	0.00259694	1.78586	1.78586	0.990502	1.00166	1.00166	0.0695463	0.754203	-1.3259
cg22744079	DCHS2;DCHS2	0.00766159	0.205779	1.47869	1.47869	0.0249652	2.18542	2.18542	0.698498	0.892196	-1.12083	0.867841	1.05002	1.05002	0.0197145	2.28276	2.28276
cg00339488	DCHS2;DCHS2	0.00898285	0.240997	0.827567	-1.20836	0.000226995	2.57292	2.57292	0.737734	0.9495	-1.05319	0.86107	1.02738	1.02738	0.693345	1.06302	1.06302
cg12656160	DCHS2;DCHS2	0.00994072	0.919001	0.973412	-1.02731	0.112524	0.632738	-1.58043	0.00350098	0.350148	-2.85593	0.0113111	0.431563	-2.31716	0.0556549	0.562987	-1.77624
cg25085369	DCHS2;DCHS2	0.035138	0.156353	0.690194	-1.44887	0.0087152	2.26441	2.26441	0.755707	1.07931	1.07931	0.37213	1.25116	1.25116	0.483385	0.840146	-1.19027
cg05527034	DCHS2;DCHS2	0.0392709	0.85311	1.04498	1.04498	0.00600025	2.34537	2.34537	0.978999	1.00627	1.00627	0.775829	1.07012	1.07012	0.0166894	0.499734	-2.00107
cg21302194	DCHS2;DCHS2	0.0398724	0.0971917	0.854488	-1.17029	0.102177	1.16711	1.16711	0.435655	1.07112	1.07112	0.239836	1.11218	1.11218	0.0450316	1.21981	1.21981
cg13738195	DCHS2;DCHS2	0.0471333	0.0589139	0.36742	-2.72168	0.442455	1.44424	1.44424	0.0461769	2.92198	2.92198	0.590439	0.774898	-1.29049	0.00743504	0.198271	-5.04361
cg01011054	DCI	0.00411454	0.0125664	0.423966	-2.35868	0.247082	0.715632	-1.39737	0.117035	0.624558	-1.60113	0.00538871	0.363184	-2.75342	0.0069333	0.380628	-2.62724
cg27107485	DCI	0.0369283	0.953781	1.01335	1.01335	0.021928	0.533166	-1.87559	0.281895	0.774285	-1.29151	0.877513	0.965333	-1.03591	0.814361	1.05528	1.05528
cg02363010	DCI	0.046789	0.722041	0.887457	-1.12682	0.00209903	4.24755	4.24755	0.34393	1.38525	1.38525	0.696488	1.14	1.14	0.124461	0.573492	-1.7437
cg02267488	DCK	0.0456818	0.0500321	0.308077	-3.24594	0.00775207	6.06039	6.06039	0.289853	1.78393	1.78393	0.633808	1.2877	1.2877	0.348938	0.601667	-1.66205
cg10368518	DCK;DCK	0.00538258	0.193792	1.20401	1.20401	0.0979431	0.782592	-1.2778	0.0759469	0.765913	-1.30563	0.160081	1.22467	1.22467	0.00197635	0.554199	-1.80441
cg10939960	DCLK1	0.000297578	0.834267	0.973339	-1.02739	0.158682	0.823391	-1.21449	0.313223	0.874122	-1.14401	0.0385414	1.36224	1.36224	9.50E-06	3.42566	3.42566
cg17470143	DCLK1	0.00215805	0.0115249	0.470539	-2.12522	0.0184702	1.97743	1.97743	0.0253482	1.8855	1.8855	0.0356829	1.79185	1.79185	0.0113212	0.469243	-2.13109
cg23574583	DCLK1	0.0129657	0.573318	1.0811	1.0811	0.114938	1.26477	1.26477	0.0524001	1.35294	1.35294	0.609893	0.931915	-1.07306	0.831844	1.02957	1.02957
cg09605634	DCLK1	0.0214076	0.926137	1.03954	1.03954	0.992653	0.996156	-1.00386	0.600636	1.2472	1.2472	0.638874	0.820638	-1.21856	0.00045385	0.0991711	-10.0836
cg11325273	DCLK1	0.0414798	0.108222	0.429501	-2.32828	0.638572	0.795997	-1.25629	0.899736	0.941019	-1.06268	0.208095	1.89665	1.89665	0.00222001	0.126551	-7.90198
cg05639937	DCLK1	0.0457781	0.647244	0.920574	-1.08628	0.150749	1.31867	1.31867	0.97122	1.0065	1.0065	0.0379923	0.649137	-1.54051	0.0387799	0.650626	-1.53698
cg25943503	DCLK1	0.0463969	0.967509	0.991706	-1.00836	0.101517	1.44281	1.44281	0.10828	1.43082	1.43082	0.915976	0.978652	-1.02181	0.146396	0.727036	-1.37545
cg20219457	DCLK1;DCLK1	2.30E-05	0.389906	1.36912	1.36912	1.45E-06	0.012691	-78.796	0.689384	1.15403	1.15403	0.0145141	2.9264	2.9264	0.0376591	0.42326	-2.36262
cg26995690	DCLK1;MIR548F5	0.00111225	0.000849955	0.413902	-2.41603	0.139636	0.756042	-1.32268	0.10884	0.735158	-1.36025	0.307508	1.20424	1.20424	0.00458698	0.514829	-1.94239
cg14992155	DCLK2;DCLK2	0.00100801	0.0114495	2.33199	2.33199	0.353228	0.780647	-1.28099	?	?	?	0.780218	1.0749	1.0749	0.000118217	0.147673	-6.7717
cg10190898	DCLK2;DCLK2	0.00224514	0.00112073	0.371094	-2.69474	0.0248823	0.576012	-1.73608	0.0199619	0.559736	-1.78656	0.0681594	0.655731	-1.52501	0.000168966	0.266553	-3.7516
cg14948279	DCLK2;DCLK2	0.00673622	0.920367	0.98638	-1.01381	0.569883	1.08194	1.08194	0.24257	1.18261	1.18261	0.771714	0.960889	-1.0407	0.930513	0.988111	-1.01203
cg17169566	DCLK2;DCLK2	0.0198039	0.448035	0.856282	-1.16784	0.0130478	0.539037	-1.85516	0.335412	0.819284	-1.22058	0.0203846	0.570689	-1.75227	0.0434253	0.627473	-1.59369
cg00877691	DCLK2;DCLK2	0.0247256	0.18778	1.56744	1.56744	0.0272727	2.31899	2.31899	0.420229	1.30363	1.30363	0.011014	2.79235	2.79235	0.422648	0.768195	-1.30175
cg05561193	DCLK2;DCLK2	0.0430964	0.659274	0.886431	-1.12812	0.207559	0.696937	-1.43485	0.0444473	1.87217	1.87217	0.108864	1.60814	1.60814	0.0532569	0.550685	-1.81592
cg22396878	DCLK2;DCLK2	0.0483591	0.0096858	0.0987349	-10.1281	0.740739	0.790661	-1.26476	0.284793	0.455687	-2.19449	0.389642	1.86565	1.86565	0.0108897	0.104217	-9.59533
cg16833340	DCLK3	0.0052573	0.348363	1.3374	1.3374	0.0360477	0.479867	-2.08391	0.624149	0.861822	-1.16033	0.908385	0.965929	-1.03527	0.000606452	0.203608	-4.91141
cg08150914	DCLK3	0.00727993	0.406898	1.16191	1.16191	0.0108926	0.568153	-1.76009	0.607016	0.912322	-1.0961	0.699939	1.0709	1.0709	0.247258	1.23859	1.23859
cg10505443	DCLK3	0.0147119	0.201992	0.882663	-1.13294	0.225784	0.888832	-1.12507	0.0296859	0.788904	-1.26758	0.78388	1.0258	1.0258	0.198114	1.1343	1.1343
cg23448803	DCLK3	0.0283404	0.885569	1.03817	1.03817	0.0860841	0.610561	-1.63784	0.918126	0.973607	-1.02711	0.00133888	0.297396	-3.36253	0.526246	1.18181	1.18181
cg20737554	DCLRE1A	0.00843582	0.432389	0.668142	-1.49669	0.100544	0.404388	-2.47287	0.0242285	0.258692	-3.8656	0.195155	0.501764	-1.99297	0.0130825	0.212435	-4.70732
cg04281204	DCLRE1A	0.0190787	0.0366642	0.272985	-3.6632	0.0716284	0.341049	-2.93213	0.765632	0.852255	-1.17336	0.206247	0.490181	-2.04006	0.0362916	0.272059	-3.67567
cg08941805	DCLRE1A;NHLRC2	0.0391155	0.492919	1.45822	1.45822	?	?	?	0.570847	0.733236	-1.36382	0.336914	1.7097	1.7097	0.102276	2.63434	2.63434
cg09792343	DCLRE1B	0.000720271	0.0108274	1.56875	1.56875	0.000996922	0.502675	-1.98936	0.00144448	0.523193	-1.91134	0.0451476	0.723697	-1.38179	0.000114572	0.385871	-2.59154
cg25136397	DCLRE1B	0.0448775	0.781896	0.923505	-1.08283	0.215236	0.687943	-1.45361	0.0264938	0.470349	-2.12608	0.340912	0.754717	-1.325	0.0121401	0.408029	-2.45081
cg23933345	DCLRE1B;AP4B1	0.00444779	0.0118062	0.656106	-1.52414	0.173091	0.823403	-1.21447	0.0154609	0.67153	-1.48914	0.00418173	1.67254	1.67254	0.00405384	1.67736	1.67736
cg14369264	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.00155105	0.701053	0.971703	-1.02912	0.00847358	0.778724	-1.28415	0.00108458	0.698433	-1.43178	0.0289859	0.825666	-1.21114	0.000178681	0.623538	-1.60375
cg04785461	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.0139495	0.0686271	0.828329	-1.20725	0.00173387	0.661765	-1.51111	0.117017	0.854408	-1.1704	0.379658	0.920093	-1.08685	0.883974	1.01359	1.01359
cg25015290	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.021149	0.377132	1.03982	1.03982	0.0271648	0.893459	-1.11925	0.500992	0.971002	-1.02986	0.10056	1.08058	1.08058	0.158471	0.937117	-1.0671
cg05004228	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.00550278	0.0176561	2.20938	2.20938	0.291531	1.35065	1.35065	0.884937	0.961011	-1.04057	0.428932	0.801091	-1.2483	0.976965	1.00796	1.00796
cg05179204	DCN;DCN;DCN;DCN;DCN;DCN	0.000244225	0.482594	0.826788	-1.2095	0.0173431	0.461931	-2.16483	0.00424125	0.36052	-2.77377	0.588394	0.864477	-1.15677	2.26E-05	0.104062	-9.60962
cg13237265	DCN;DCN;DCN;DCN;DCN;DCN	0.00102101	0.0194588	0.314349	-3.18118	0.185617	0.562691	-1.77717	0.0396423	0.377288	-2.6505	0.00774393	0.246277	-4.06046	0.000569797	0.112321	-8.90223
cg02442619	DCN;DCN;DCN;DCN;DCN;DCN	0.00283838	0.0819779	1.48232	1.48232	0.0319291	1.67102	1.67102	0.0491854	0.632191	-1.5818	0.115618	1.41811	1.41811	0.980724	1.00495	1.00495
cg26985711	DCN;DCN;DCN;DCN;DCN;DCN	0.00398317	0.340328	1.2339	1.2339	0.154598	0.720498	-1.38793	0.0352844	0.585839	-1.70695	0.83361	0.956192	-1.04582	0.0202601	0.541166	-1.84786
cg04018214	DCN;DCN;DCN;DCN;DCN;DCN	0.00725103	0.100478	1.57693	1.57693	0.0110787	2.23975	2.23975	0.573321	1.15494	1.15494	0.355236	0.786048	-1.27219	0.0144898	2.14373	2.14373
cg13562816	DCN;DCN;DCN;DCN;DCN;DCN	0.00920869	0.232134	0.560259	-1.78489	0.252619	0.57553	-1.73753	0.0220438	0.280958	-3.55925	0.0286583	0.303174	-3.29844	0.0662286	0.385748	-2.59237
cg20477574	DCN;DCN;DCN;DCN;DCN;DCN	0.0121813	0.00597681	0.403092	-2.48082	0.875512	1.04044	1.04044	0.00659231	0.409862	-2.43985	0.0107154	0.444464	-2.2499	0.00247103	0.345036	-2.89825
cg09308942	DCN;DCN;DCN;DCN;DCN;DCN	0.0209894	0.0104235	0.383914	-2.60475	0.38994	0.769888	-1.29889	0.0130984	0.401146	-2.49286	0.0653018	0.541074	-1.84818	0.00422843	0.320841	-3.11681
cg00608965	DCN;DCN;DCN;DCN;DCN;DCN	0.0277403	0.592173	1.12746	1.12746	0.0247979	1.80904	1.80904	0.209355	1.34119	1.34119	0.481645	0.853271	-1.17196	0.12898	1.43904	1.43904
cg05845030	DCN;DCN;DCN;DCN;DCN;DCN;DCN	0.018396	0.00943086	0.39138	-2.55506	0.578609	0.852186	-1.17345	0.0325334	0.49	-2.04082	0.0432589	0.515394	-1.94026	0.0074641	0.374535	-2.66998
cg16612072	DCP1A	7.81E-05	0.18176	1.33332	1.33332	0.164685	0.740014	-1.35133	8.67E-07	22.7399	22.7399	0.290277	1.24852	1.24852	0.663843	0.915744	-1.09201
cg10657986	DCP1A	0.0132476	0.00775556	0.703659	-1.42114	0.981816	0.99766	-1.00235	0.231531	1.13767	1.13767	0.876045	1.01617	1.01617	0.42893	0.92035	-1.08654
cg16786712	DCP1A	0.0222159	0.487454	0.850479	-1.17581	0.00209151	0.37011	-2.7019	0.426817	1.20475	1.20475	0.203995	1.36038	1.36038	0.753599	1.07497	1.07497
cg07454215	DCP1A	0.0412459	0.0597826	0.791808	-1.26293	0.176767	0.854018	-1.17094	0.0749891	1.24349	1.24349	0.534333	1.07161	1.07161	0.170409	1.17404	1.17404
cg05769097	DCP1A	0.0428211	0.0811293	0.851887	-1.17386	0.261494	0.907492	-1.10194	0.0767065	0.849415	-1.17728	0.428972	0.935256	-1.06923	0.392694	0.929984	-1.07529
cg11198734	DCP1A;DCP1A	0.0187184	0.114793	0.691242	-1.44667	0.00123593	2.76458	2.76458	0.451269	0.847671	-1.1797	0.321127	0.801944	-1.24697	0.17986	1.35894	1.35894
cg00219585	DCP1B	0.000172561	0.00055414	0.22737	-4.39811	0.00426964	0.347648	-2.87647	0.0319879	0.49935	-2.0026	0.33374	1.31724	1.31724	0.000811387	0.247618	-4.03848
cg08110500	DCP1B	0.000419237	0.00749249	0.452632	-2.2093	0.221483	0.743842	-1.34437	0.305677	0.783302	-1.27665	0.0136239	2.01935	2.01935	0.0177893	0.515019	-1.94167
cg06623120	DCP1B	0.0223409	0.395483	1.08286	1.08286	0.464136	0.934111	-1.07054	0.48462	0.937096	-1.06713	0.651813	1.04243	1.04243	0.066913	1.20671	1.20671
cg11512704	DCP1B	0.0292364	0.0299194	0.277936	-3.59796	0.0525397	0.33126	-3.01878	0.441485	0.674761	-1.48201	0.0108766	0.201366	-4.96607	0.352142	0.618833	-1.61595
cg04375213	DCP1B	0.0388053	?	?	?	0.0607467	6.80211	6.80211	0.0132311	31.5145	31.5145	0.137338	0.268182	-3.7288	?	?	?
cg19262991	DCP1B	0.0453676	0.787412	0.954794	-1.04735	0.00820182	1.78403	1.78403	0.0699301	1.41457	1.41457	0.876041	0.973637	-1.02708	0.93985	1.013	1.013
cg21539223	DCP2	0.00311348	0.0207326	2.22868	2.22868	0.0998446	1.58621	1.58621	0.000827592	0.141386	-7.07285	?	?	?	?	?	?
cg10837404	DCP2	0.00874532	0.0244748	0.407279	-2.45532	0.705985	0.880717	-1.13544	0.343622	0.721111	-1.38675	0.59467	0.835283	-1.1972	0.0021466	0.235821	-4.24051
cg06817368	DCP2	0.0181197	0.0258216	0.193264	-5.17428	0.303036	1.93979	1.93979	0.590262	0.713479	-1.40158	0.185559	0.418188	-2.39127	0.0149854	0.156064	-6.40764
cg03703101	DCP2	0.0231265	0.0164715	3.06937	3.06937	0.405946	1.38454	1.38454	0.370157	1.42218	1.42218	0.84876	1.0758	1.0758	0.0016502	0.178385	-5.60586
cg19611968	DCP2	0.031126	0.348443	0.84014	-1.19028	0.00481966	0.509248	-1.96368	0.00204441	0.456455	-2.19079	0.76327	1.05602	1.05602	0.349707	0.840546	-1.1897
cg06688182	DCPS	0.00062393	0.00880532	0.726656	-1.37617	0.473764	0.932633	-1.07223	0.486305	1.07006	1.07006	0.434636	1.0793	1.0793	0.858502	0.983062	-1.01723
cg17631150	DCPS	0.000862548	3.07E-05	0.0985339	-10.1488	0.799174	1.07526	1.07526	0.538571	0.83759	-1.1939	0.0149771	0.426824	-2.34288	0.00232647	0.29811	-3.35447
cg20559217	DCPS	0.00621614	0.00124864	0.0919524	-10.8752	0.0133988	0.212211	-4.71229	0.150868	0.458758	-2.1798	0.0932041	0.392695	-2.54651	0.0553508	0.333088	-3.00221
cg10499172	DCPS	0.00752372	0.0029618	0.163905	-6.10111	0.00121622	0.122545	-8.16025	0.0572084	0.385258	-2.59566	0.549032	0.764288	-1.30841	0.0503212	0.371888	-2.68898
cg20957796	DCPS	0.00940013	0.0152554	1.58984	1.58984	0.12681	0.773381	-1.29302	0.0325057	0.677425	-1.47618	0.00774946	1.70264	1.70264	0.0800296	1.35288	1.35288
cg02052726	DCPS	0.0277273	0.0127828	0.360783	-2.77175	0.894264	1.04481	1.04481	0.217711	0.652183	-1.53331	0.0129	0.361483	-2.76638	0.00849945	0.330505	-3.02568
cg22911867	DCPS	0.0474653	0.00651748	0.258761	-3.86456	0.432216	0.73602	-1.35866	0.73103	0.876386	-1.14105	0.31578	0.672595	-1.48678	0.0237121	0.356128	-2.80798
cg20032723	DCPS	0.0479306	0.11576	1.20968	1.20968	0.110727	1.21349	1.21349	0.00336523	1.55913	1.55913	0.237647	0.871328	-1.14767	0.602898	1.06018	1.06018
cg25439992	DCPS;DCPS	0.00142413	0.187048	0.88268	-1.13291	0.487733	1.06493	1.06493	0.000899507	0.641833	-1.55804	0.115799	0.858525	-1.16479	0.000115783	0.547141	-1.82768
cg09251477	DCPS;DCPS	0.00344815	0.286948	1.1912	1.1912	0.00616506	1.75999	1.75999	0.0248209	1.52607	1.52607	0.0925737	0.746113	-1.34028	0.00241467	0.512441	-1.95144
cg20659025	DCPS;DCPS	0.00443646	0.359949	0.804726	-1.24266	0.000146528	0.221367	-4.51738	0.720344	0.920371	-1.08652	0.643277	0.897941	-1.11366	0.0121793	0.486206	-2.05674
cg08727379	DCST1;DCST1	0.00359305	0.0945001	0.616517	-1.62202	0.677016	0.895626	-1.11654	0.304285	0.755809	-1.32309	0.00224623	0.324439	-3.08224	0.000154301	0.181536	-5.50856
cg10813183	DCST1;DCST1;DCST1;DCST1;DCST2	0.00248848	0.0880591	0.618058	-1.61797	0.0733653	0.600274	-1.66591	0.000664502	0.263938	-3.78877	0.00265014	0.34543	-2.89494	0.000176943	0.196941	-5.07767
cg01727348	DCST1;DCST1;DCST2	0.0103746	0.695012	0.918106	-1.0892	0.873604	0.966066	-1.03513	0.0227913	0.553826	-1.80562	0.281737	1.27454	1.27454	0.00161266	0.375124	-2.66579
cg17896897	DCST1;DCST1;DCST2	0.0139533	0.483788	0.804969	-1.24228	0.0807464	1.80479	1.80479	0.00105661	0.228408	-4.37812	0.222517	0.676497	-1.4782	0.0280734	0.453428	-2.20542
cg12530270	DCST1;DCST1;DCST2	0.0208514	0.694108	1.07466	1.07466	0.00660129	0.525989	-1.90118	0.00189379	0.448433	-2.22999	0.948904	0.988393	-1.01174	0.143956	0.751274	-1.33107
cg19304100	DCST1;DCST1;DCST2	0.02211	0.000630878	0.237479	-4.21091	0.370862	0.777651	-1.28592	0.0182119	0.456329	-2.1914	0.949231	1.01758	1.01758	0.0986477	0.609197	-1.6415
cg15204354	DCST1;DCST2;DCST1	5.07E-05	0.000289623	0.407871	-2.45176	0.00051953	0.439952	-2.27297	4.15E-05	0.305877	-3.26929	0.819658	1.03525	1.03525	9.61E-06	0.235513	-4.24605
cg12436631	DCST1;DCST2;DCST1	0.0172179	0.373112	1.31556	1.31556	0.670742	0.879611	-1.13687	0.0156154	0.410966	-2.43329	0.0106479	0.38165	-2.6202	0.00399006	0.313228	-3.19257
cg08472142	DCST1;DCST2;DCST1	0.0416398	0.0212172	0.198465	-5.03866	0.208141	0.460826	-2.17002	0.0266419	0.215751	-4.63497	0.0393125	0.248576	-4.02292	0.0108306	0.154395	-6.47688
cg25412453	DCST1;DCST2;DCST2;DCST1	0.00050862	0.047021	0.588586	-1.69899	0.000170946	0.225471	-4.43515	0.0131479	0.48825	-2.04813	4.89E-05	0.16872	-5.92697	0.000503147	0.281317	-3.55471
cg24703757	DCTD;DCTD	0.00164027	0.0783993	0.775414	-1.28963	0.605783	0.934512	-1.07008	0.00873938	0.64753	-1.54433	0.00234154	0.575459	-1.73774	0.00385768	0.602593	-1.65949
cg04241308	DCTD;DCTD	0.00419021	0.921982	0.968469	-1.03256	0.050504	0.482412	-2.07292	0.0307507	0.436109	-2.29301	0.872891	1.05376	1.05376	0.080386	0.530294	-1.88575
cg00166352	DCTD;DCTD	0.00508594	0.571699	0.916089	-1.0916	0.00322355	1.85214	1.85214	0.222676	0.821591	-1.21715	0.221399	1.21788	1.21788	0.00159591	0.499278	-2.00289
cg05060602	DCTD;DCTD	0.00551664	0.505925	1.09726	1.09726	0.115012	0.790044	-1.26575	0.153173	1.23411	1.23411	0.0353423	1.40074	1.40074	0.0708857	0.757668	-1.31984
cg03166482	DCTD;DCTD	0.0210703	0.50809	0.91982	-1.08717	0.489147	1.0914	1.0914	0.00724337	1.53925	1.53925	0.236911	1.16679	1.16679	0.823092	1.02827	1.02827
cg26526036	DCTD;DCTD	0.0289262	0.0353765	0.420082	-2.38049	0.00846	3.3488	3.3488	0.0788859	1.98462	1.98462	0.383364	1.36354	1.36354	0.644896	0.851687	-1.17414
cg06391660	DCTN1;DCTN1	0.00508534	0.0147253	0.61059	-1.63776	0.0324743	1.5089	1.5089	0.457802	0.883161	-1.1323	0.220441	0.809201	-1.23579	0.000694393	0.427207	-2.34078
cg14601444	DCTN1;DCTN1	0.00707759	0.177233	1.68948	1.68948	0.00162533	5.21373	5.21373	0.00389879	4.14123	4.14123	0.0365374	2.43163	2.43163	0.0157795	2.94941	2.94941
cg09416271	DCTN1;DCTN1	0.0225677	0.275054	0.812008	-1.23151	0.0021412	0.453473	-2.2052	0.0188646	0.593573	-1.68471	0.779116	0.949744	-1.05291	0.854832	0.966973	-1.03416
cg20303028	DCTN1;DCTN1	0.0403665	0.239789	1.33205	1.33205	0.243963	0.7528	-1.32837	0.0122282	2.0691	2.0691	0.00713455	2.2466	2.2466	0.21013	0.735186	-1.3602
cg01753375	DCTN1;DCTN1	0.0486008	0.537287	1.12011	1.12011	0.969689	1.00692	1.00692	0.238691	1.25117	1.25117	0.0184071	1.68085	1.68085	0.782	1.05166	1.05166
cg06909228	DCTN1;DCTN1;DCTN1;DCTN1	0.000153491	0.000729603	4.16612	4.16612	0.00364647	2.98236	2.98236	0.190113	1.47046	1.47046	8.81E-05	7.04559	7.04559	0.0171113	0.445959	-2.24236
cg25721732	DCTN1;DCTN1;DCTN1;DCTN1	0.00195543	0.00832031	0.28785	-3.47403	0.000712759	0.14911	-6.70645	0.00313165	0.225044	-4.44357	0.22173	0.622385	-1.60672	0.00644353	0.270329	-3.6992
cg08864042	DCTN1;DCTN1;DCTN1;DCTN1	0.00389269	0.563595	1.11741	1.11741	0.0046108	2.04792	2.04792	0.00064767	2.70403	2.70403	0.034836	1.59625	1.59625	0.935888	1.01541	1.01541
cg23658045	DCTN2	0.0024869	0.436062	1.11521	1.11521	0.00847682	1.58591	1.58591	0.0185843	1.47937	1.47937	0.84074	0.972768	-1.02799	0.595936	0.929195	-1.0762
cg23752828	DCTN2	0.00933865	0.00498725	0.11461	-8.72522	0.00510416	0.115671	-8.6452	0.0307554	0.227879	-4.38829	0.0492404	0.270271	-3.69999	0.00659655	0.127966	-7.81456
cg16834726	DCTN2	0.010959	0.0111713	0.246444	-4.05772	0.00153343	0.134243	-7.44919	0.00854729	0.228154	-4.383	0.0427324	0.357949	-2.79369	0.0292728	0.322679	-3.09905
cg19226593	DCTN2	0.0150455	0.144744	1.24219	1.24219	0.0516455	1.35892	1.35892	0.0125554	1.53703	1.53703	0.112455	1.27032	1.27032	0.346383	1.1437	1.1437
cg16499474	DCTN2	0.0216335	0.00203211	0.287464	-3.4787	0.257904	0.712988	-1.40255	0.270671	0.719911	-1.38906	0.0180292	0.439	-2.2779	0.062032	0.547683	-1.82587
cg22842717	DCTN2	0.0278308	0.678816	0.813549	-1.22918	0.253845	0.554043	-1.80491	0.0925489	0.399577	-2.50265	0.593527	0.765692	-1.30601	0.029995	0.282205	-3.54352
cg10651583	DCTN2	0.0474749	0.264995	1.27213	1.27213	0.206127	1.31826	1.31826	0.033929	1.67031	1.67031	0.0540565	0.63569	-1.57309	0.810508	0.95145	-1.05103
cg06418184	DCTN3;DCTN3	0.00229165	0.328867	0.834045	-1.19898	0.370446	0.84737	-1.18012	0.0239391	0.615613	-1.6244	0.277312	1.22563	1.22563	3.80E-05	0.240913	-4.15088
cg14286155	DCTN3;DCTN3	0.00504766	?	?	?	0.631827	1.1361	1.1361	0.669616	1.12014	1.12014	0.0494089	1.80891	1.80891	0.00506389	2.66329	2.66329
cg01948229	DCTN4;DCTN4;DCTN4	0.000939766	0.000109718	0.323087	-3.09514	0.00328177	1.9439	1.9439	0.0922427	1.35996	1.35996	0.274965	1.20736	1.20736	0.0230432	1.56978	1.56978
cg23128146	DCTN4;DCTN4;DCTN4	0.00135355	0.628055	1.04967	1.04967	0.000641094	1.68251	1.68251	0.00012662	1.93951	1.93951	0.0312486	1.28523	1.28523	0.0800184	1.21271	1.21271
cg25306198	DCTN4;DCTN4;DCTN4	0.00140029	0.000746563	0.216178	-4.62582	0.0097019	0.375557	-2.66271	0.466669	0.801148	-1.24821	0.289718	0.719702	-1.38946	9.85E-05	0.126169	-7.92588
cg22117193	DCTN4;DCTN4;DCTN4	0.00162671	0.00604248	0.40887	-2.44576	0.0245786	0.512861	-1.94985	0.00242684	0.348948	-2.86575	0.0183935	0.490004	-2.0408	0.000164589	0.201492	-4.96298
cg22836605	DCTN4;DCTN4;DCTN4	0.00375532	0.0220558	0.350111	-2.85624	0.750614	1.12962	1.12962	0.0630861	0.44972	-2.2236	0.131315	1.86396	1.86396	0.00024185	0.0981795	-10.1854
cg07777203	DCTN4;DCTN4;DCTN4	0.010213	?	?	?	0.497348	1.4902	1.4902	0.089781	2.99454	2.99454	0.000540426	0.0352218	-28.3915	0.93916	0.956865	-1.04508
cg05973792	DCTN4;DCTN4;DCTN4	0.0125635	0.549181	1.13537	1.13537	0.0276675	0.579643	-1.7252	0.476556	1.16372	1.16372	0.00443004	2.21556	2.21556	0.221293	0.763899	-1.30907
cg00245854	DCTN4;DCTN4;DCTN4	0.0148548	0.208626	0.615645	-1.62431	0.00125854	0.178485	-5.6027	0.0798436	0.490993	-2.03669	0.446989	1.32797	1.32797	0.00760167	0.284726	-3.51215
cg11104918	DCTN4;DCTN4;DCTN4	0.018917	0.28995	0.704626	-1.41919	?	?	?	0.0106562	2.78266	2.78266	0.0181159	0.400597	-2.49627	0.0334605	0.452943	-2.20778
cg18781383	DCTN4;DCTN4;DCTN4	0.0253373	0.0272465	0.138277	-7.23186	0.00730227	0.0728468	-13.7274	0.028568	0.141414	-7.07146	0.134059	0.294214	-3.39888	0.146817	0.307573	-3.25126
cg26385779	DCTN4;DCTN4;DCTN4;DCTN4	0.00528804	0.622164	0.941163	-1.06251	0.134643	1.21764	1.21764	0.000118072	2.27665	2.27665	0.681933	1.05159	1.05159	0.16634	1.19742	1.19742
cg14543852	DCTN4;DCTN4;DCTN4;DCTN4;DCTN4	0.0313067	0.0222419	3.03597	3.03597	0.158411	1.84231	1.84231	0.0126572	3.51131	3.51131	0.894038	1.05549	1.05549	0.714143	0.861492	-1.16078
cg01456325	DCTN5	6.63E-05	0.239863	0.761628	-1.31298	0.704465	0.919142	-1.08797	0.0727507	0.642159	-1.55725	0.00253339	0.395653	-2.52747	0.419758	0.833271	-1.20009

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19049165	0.956649	0.994473	-1.00556	6.89E-06	0.362017	-2.7623	0.0623033	0.807409	-1.23853	0.697315	0.960936	-1.04065	22.7451	3.744	0.146317	1
cg24494262	0.000884865	2.60002	2.60002	0.00446744	2.06934	2.06934	0.384902	1.18632	1.18632	0.910647	0.9787	-1.02176	9.97693	5.81221	0.517836	1
cg18463371	0.704937	1.07903	1.07903	0.202141	0.763957	-1.30897	0.465618	0.862041	-1.16004	0.00769893	0.504292	-1.98298	6.91731	4.37898	0.562708	1
cg00554631	0.482684	1.12595	1.12595	0.0299545	1.52899	1.52899	0.00932231	1.73043	1.73043	0.785027	1.04651	1.04651	6.41445	2.80852	0.389193	1
cg23855030	0.198117	0.830167	-1.20458	0.000688827	0.492085	-2.03217	0.0619311	0.750019	-1.3333	0.893973	1.01841	1.01841	4.02424	1.19348	0.263621	1
cg00067274	0.818432	0.939338	-1.06458	8.69E-05	0.14718	-6.79442	0.889915	0.963011	-1.03841	0.374591	0.780337	-1.2815	11.8915	13.9494	1.04272	1
cg05922210	0.0555654	0.571975	-1.74833	0.0016977	0.315224	-3.17235	0.0005012	0.24623	-4.06124	0.53782	0.851598	-1.17426	9.35963	9.82921	0.933485	1
cg00778930	0.0620772	1.45224	1.45224	0.000219718	0.33494	-2.98561	0.343379	1.18931	1.18931	0.149208	0.759792	-1.31615	8.65089	4.32224	0.444115	1
cg17807806	0.015219	0.649058	-1.54069	0.00164122	1.9227	1.9227	0.621098	0.930302	-1.07492	0.8164	1.0343	1.0343	7.23493	2.40911	0.295985	1
cg03842933	0.00704256	0.222164	-4.50118	0.00498484	0.200883	-4.97803	0.288914	0.621633	-1.60867	0.0227116	0.30798	-3.24697	6.95643	20.5464	2.62541	1
cg01685883	0.0443047	1.37856	1.37856	0.0452837	0.726766	-1.37596	0.0504134	0.733527	-1.36328	0.250368	0.846267	-1.18166	6.9192	2.1163	0.271875	1
cg22744079	0.0920065	1.72215	1.72215	0.000429557	5.11884	5.11884	0.00682127	2.79302	2.79302	0.0178604	2.325	2.325	6.43089	8.74732	1.20907	1
cg00339488	0.41749	1.13628	1.13628	0.0951811	0.753737	-1.32672	0.131448	0.77795	-1.28543	0.29385	1.18281	1.18281	6.11607	2.30306	0.334718	1
cg12656160	0.37153	0.784211	-1.27517	0.000615906	0.247365	-4.0426	0.181511	0.686764	-1.4561	0.0377585	0.528169	-1.89333	5.92187	6.58269	0.988081	1
cg25085369	0.315671	1.28878	1.28878	0.03561	0.549846	-1.81869	0.0232694	0.51522	-1.94092	0.689393	1.10323	1.10323	3.86163	3.65717	0.841827	1
cg05527034	0.145587	0.690085	-1.4491	0.756116	1.07676	1.07676	0.0933552	1.54982	1.54982	0.393271	0.812533	-1.23072	3.70815	3.30957	0.793346	1
cg21302194	0.779092	0.976	-1.02459	0.763919	0.974315	-1.02636	0.0320573	1.24229	1.24229	0.00587323	1.36542	1.36542	3.68747	0.435845	0.105063	1
cg13738195	0.687558	1.20896	1.20896	0.802055	1.12513	1.12513	0.134965	2.13054	2.13054	0.336795	1.59175	1.59175	3.46472	12.0892	3.10155	1
cg01011054	0.00129649	0.273752	-3.65294	0.000438672	0.215342	-4.64377	0.378708	0.779053	-1.28361	0.0423749	0.523977	-1.90848	7.7859	9.42457	1.07597	1
cg27107485	0.279863	1.29302	1.29302	0.00211411	2.68756	2.68756	0.56991	1.14038	1.14038	0.958483	1.01198	1.01198	3.79254	3.14324	0.736706	1
cg02363010	0.210023	0.643029	-1.55514	0.344468	0.72217	-1.38472	0.491444	1.26312	1.26312	0.437972	0.767624	-1.30272	3.4743	6.14802	1.57295	1
cg02267488	0.280724	0.553911	-1.80534	0.120583	0.411862	-2.428	0.107705	0.396573	-2.5216	0.274656	0.549438	-1.82004	3.50571	15.4134	3.90813	1
cg10368518	0.000872434	0.509538	-1.96256	0.356744	1.13654	1.13654	0.0317505	0.711821	-1.40485	0.250465	0.850308	-1.17604	7.17491	2.07196	0.256692	1
cg10939960	0.0140584	1.4785	1.4785	0.00032654	2.11484	2.11484	0.778179	0.964231	-1.0371	0.850744	1.02459	1.02459	16.4867	4.34374	0.234195	1
cg17470143	0.0197624	1.95733	1.95733	0.228977	1.35148	1.35148	0.000767237	3.37247	3.37247	0.44467	0.830356	-1.2043	9.43024	8.50131	0.801328	1
cg23574583	0.270094	0.854397	-1.17042	0.285292	0.858922	-1.16425	0.0164686	1.49418	1.49418	0.00132974	0.527553	-1.89554	5.43484	1.61625	0.264344	1
cg09605634	0.579451	1.26379	1.26379	0.082533	2.23496	2.23496	0.613944	1.23705	1.23705	0.855072	0.926385	-1.07947	4.59673	12.7334	2.46231	1
cg11325273	0.0791972	2.55964	2.55964	0.675564	1.22507	1.22507	0.507931	1.38255	1.38255	0.664879	0.810425	-1.23392	3.63407	13.3869	3.27443	1
cg05639937	0.153717	0.760069	-1.31567	0.0197262	1.65836	1.65836	0.50154	1.13035	1.13035	0.147026	0.756137	-1.32251	3.50294	1.78999	0.45422	1
cg25943503	0.246183	1.28144	1.28144	0.352733	0.822398	-1.21596	0.00254662	2.35403	2.35403	0.927792	0.981637	-1.01871	3.48532	2.30793	0.588609	1
cg20219457	0.0612603	2.12122	2.12122	0.0114475	3.09041	3.09041	0.218718	1.58611	1.58611	1.93E-05	0.0453851	-22.0337	32.6582	65.7669	1.79004	1
cg26995690	0.160511	0.768161	-1.30181	0.0203155	0.611296	-1.63587	0.000360309	2.73653	2.73653	0.03384	0.646674	-1.54637	11.4162	5.59661	0.435762	1
cg14992155	0.817803	1.06139	1.06139	0.891652	0.965431	-1.03581	0.226963	0.719014	-1.39079	0.000388434	0.206092	-4.85219	14.5973	13.4028	0.803402	1
cg10190898	0.00372227	0.445052	-2.24693	0.0216996	0.565861	-1.76722	0.151287	0.727814	-1.37398	0.00375119	0.445548	-2.24443	9.32171	6.30248	0.600985	1
cg14948279	0.987634	0.997877	-1.00213	0.000112293	0.394212	-2.53671	?	?	?	0.994745	0.999097	-1.0009	6.8344	1.80959	0.264776	1
cg17169566	0.00213699	0.420788	-2.3765	0.328497	0.816786	-1.22431	0.145636	1.36821	1.36821	0.129341	0.719759	-1.38935	4.72033	3.01016	0.566845	1
cg00877691	0.0976991	1.79508	1.79508	0.0943725	1.80773	1.80773	0.00342514	3.59787	3.59787	0.0208577	2.44826	2.44826	4.37398	7.18177	1.45949	1
cg05561193	0.109814	0.622767	-1.60574	0.15836	0.663852	-1.50636	0.416281	0.79794	-1.25323	0.033015	1.96862	1.96862	3.58286	4.18854	1.03915	1
cg22396878	0.534758	1.56004	1.56004	0.0601011	0.223083	-4.48263	0.839143	0.866081	-1.15463	0.0552399	0.214964	-4.65195	3.43129	27.1939	7.04469	1
cg16833340	0.796292	1.08101	1.08101	0.00139979	0.248177	-4.02938	0.140312	1.61239	1.61239	0.0679023	0.540236	-1.85104	7.22687	10.3786	1.27655	1
cg08150914	0.48149	0.881131	-1.1349	0.000281733	2.85751	2.85751	0.438201	1.15011	1.15011	0.121496	1.34573	1.34573	6.53463	3.23767	0.440412	1
cg10505443	0.574274	1.05399	1.05399	0.00114103	1.5577	1.5577	0.062185	0.823235	-1.21472	0.67563	0.961763	-1.03976	5.214	0.708769	0.120832	1
cg23448803	0.520573	1.18461	1.18461	0.038998	1.86186	1.86186	0.477765	0.828812	-1.20655	0.666088	0.893206	-1.11956	4.16998	4.46927	0.952687	1
cg20737554	0.752414	0.852761	-1.17266	0.000274364	0.0498158	-20.074	0.761517	0.857962	-1.16555	0.00995762	0.194333	-5.1458	6.23894	25.029	3.56599	1
cg04281204	0.462279	0.670201	-1.49209	0.000551696	0.0568086	-17.603	0.236303	0.514978	-1.94183	0.0285619	0.251177	-3.98125	4.78038	21.6526	4.02619	1
cg08941805	0.854318	1.10469	1.10469	0.710365	1.22393	1.22393	0.652131	1.27867	1.27867	0.00168134	0.0878153	-11.3875	3.77223	15.5832	4.13104	1
cg09792343	0.115478	0.786034	-1.27221	0.03139	0.701039	-1.42645	0.295256	1.16499	1.16499	0.042844	0.720392	-1.38813	12.9072	4.04662	0.27868	1
cg25136397	0.151287	0.643442	-1.55414	0.0354977	0.495632	-2.01763	0.36051	0.763721	-1.30938	0.00455055	0.338361	-2.95542	3.52912	4.59566	1.15752	1
cg23933345	0.0491862	1.35113	1.35113	0.485135	0.909303	-1.09974	0.140576	1.23673	1.23673	0.845059	1.02657	1.02657	7.60459	2.1637	0.252912	1
cg14369264	0.00168724	0.716075	-1.3965	0.72339	1.0268	1.0268	0.0352353	0.83318	-1.20022	0.36866	1.07113	1.07113	10.379	0.910279	0.0779588	1
cg04785461	0.091824	1.1871	1.1871	0.0195263	0.770419	-1.29799	0.43771	1.07589	1.07589	0.0920724	1.18691	1.18691	5.30618	0.717608	0.120213	1
cg25015290	0.00220557	0.831218	-1.20305	0.0309094	0.896571	-1.11536	0.138146	0.933532	-1.0712	0.848564	1.00827	1.00827	4.61586	0.135692	0.0261305	1
cg05004228	0.490885	0.825158	-1.21189	0.000137165	0.163429	-6.11887	0.271558	0.730263	-1.36937	0.721117	1.10345	1.10345	7.12645	8.5135	1.0619	1
cg05179204	0.253001	0.727442	-1.37468	9.43E-05	0.156466	-6.39118	0.296393	0.749328	-1.33453	0.000138185	0.172729	-5.78943	17.4004	19.5781	1.00013	1
cg13237265	0.0105321	0.267528	-3.73792	4.76E-05	0.04334	-23.0734	0.806011	0.904112	-1.10606	0.0035732	0.198501	-5.03776	11.6974	31.0951	2.36294	1
cg02442619	0.00860662	0.504438	-1.9824	0.208293	0.762664	-1.31119	0.000258516	3.41423	3.41423	0.587512	0.89417	-1.11836	8.69984	5.7474	0.58723	1
cg26985711	0.0318799	0.577492	-1.73163	0.00120773	0.341232	-2.93056	0.00167317	2.75963	2.75963	0.202866	0.749307	-1.33457	9.18342	6.45388	0.546603	1
cg04018214	0.304629	0.764059	-1.3088	0.000747912	3.65098	3.65098	0.00975998	2.28707	2.28707	0.0701713	1.66936	1.66936	6.54276	6.6401	0.902114	1
cg13562816	0.0289287	0.303997	-3.2895	0.000242891	0.0604792	-16.5346	0.747191	0.861113	-1.16129	0.0302275	0.307877	-3.24805	6.06804	20.5423	3.00918	1
cg20477574	0.0298002	0.523876	-1.90885	0.0529925	0.573507	-1.74366	0.490403	0.837675	-1.19378	0.159879	0.684068	-1.46184	5.54643	5.61559	0.899973	1
cg09308942	0.0624266	0.536592	-1.86361	0.00792254	0.363921	-2.74785	0.656604	0.875615	-1.14205	0.0729318	0.552247	-1.81078	4.62783	6.4582	1.24046	1
cg00608965	0.103788	0.673913	-1.48387	0.0237878	1.81955	1.81955	0.00409363	2.3505	2.3505	0.216376	1.33458	1.33458	4.20154	3.27532	0.692935	1
cg05845030	0.12405	0.621999	-1.60772	0.0758877	0.569394	-1.75625	0.0384911	1.98082	1.98082	0.22124	0.693102	-1.44279	4.83954	6.22948	1.14418	1
cg16612072	0.0502024	1.58139	1.58139	0.511925	0.874547	-1.14345	0.758668	1.06396	1.06396	0.171449	1.34397	1.34397	31.216	19.5709	0.487628	1
cg10657986	0.292228	1.11887	1.11887	0.0141458	0.732562	-1.36507	0.200364	1.14916	1.14916	0.00401587	1.48781	1.48781	5.39677	0.902995	0.14873	1
cg16786712	0.350209	0.801918	-1.24701	0.00777168	0.456265	-2.19171	0.259381	1.31012	1.31012	0.602738	1.12812	1.12812	4.5387	3.78847	0.741959	1
cg07454215	0.585156	0.941219	-1.06245	0.00768399	0.68628	-1.45713	0.187731	0.857764	-1.16582	0.105244	0.823222	-1.21474	3.64168	0.696623	0.170037	1
cg05769097	0.261033	1.10205	1.10205	0.0117672	1.298	1.298	0.215049	0.89746	-1.11426	0.034394	0.815009	-1.22698	3.59142	0.39088	0.0967444	1
cg11198734	0.804737	0.948062	-1.05478	0.37831	0.823138	-1.21486	?	?	?	?	?	?	5.01046	2.86152	0.652697	1
cg00219585	0.000574809	0.229272	-4.36163	2.09E-05	0.0933318	-10.7145	0.000127362	0.15845	-6.31112	0.0187827	0.455279	-2.19646	19.12	23.1291	1.07527	1
cg08110500	0.0261683	0.544698	-1.83588	4.04E-05	0.164489	-6.07943	0.000139256	0.219711	-4.55143	0.535043	0.865315	-1.15565	15.0045	12.6012	0.746514	1
cg06623120	0.942165	1.00666	1.00666	0.00448917	0.707113	-1.4142	0.00374696	0.699064	-1.43049	0.31438	0.909212	-1.09985	4.52996	0.600383	0.11781	1
cg11512704	0.00776392	0.180229	-5.5485	0.0219232	0.252061	-3.96729	0.596595	0.765104	-1.30701	0.0115982	0.205617	-4.8634	4.12436	16.4103	3.53678	1
cg04375213	?	?	?	?	?	?	?	?	?	0.31096	2.21276	2.21276	10.993	31.2393	2.1313	1
cg19262991	0.26323	0.819045	-1.22093	0.0368904	0.66044	-1.51414	0.429795	0.871156	-1.1479	0.0870301	1.38184	1.38184	3.5148	1.63051	0.412353	1
cg21539223	?	?	?	0.0565158	1.77679	1.77679	0.862295	1.0408	1.0408	0.00362908	0.266686	-3.74973	28.1483	13.7009	0.324493	1
cg10837404	0.132183	0.580099	-1.72384	0.00155234	0.21763	-4.59495	0.93863	1.02614	1.02614	0.0029756	0.255132	-3.91953	6.16825	10.9729	1.58128	1
cg06817368	0.120522	0.351401	-2.84575	0.00118223	0.0521199	-19.1865	0.289211	0.504971	-1.98031	0.0331444	0.212922	-4.69655	4.86427	29.7152	5.43012	1
cg03703101	0.995758	0.997968	-1.00204	0.568094	0.80187	-1.24708	0.0950534	2.01774	2.01774	0.766103	1.12094	1.12094	4.47639	10.3829	2.06176	1
cg19611968	0.714877	1.06845	1.06845	0.594891	1.10169	1.10169	0.880541	0.973229	-1.02751	0.371962	0.847549	-1.17987	4.03359	2.08009	0.458393	1
cg06688182	0.0151361	1.33068	1.33068	1.64E-05	2.3375	2.3375	0.132179	0.855951	-1.16829	0.256109	0.892724	-1.12017	13.4364	1.95004	0.129005	1
cg17631150	0.00567891	0.356058	-2.80853	0.961921	1.01368	1.01368	0.0360193	0.499492	-2.00203	0.00231347	0.297765	-3.35835	12.2691	15.7422	1.14052	1
cg20559217	0.0393205	0.299141	-3.3429	0.000675059	0.0719957	-13.8897	0.00767935	0.176563	-5.66371	0.0540481	0.330604	-3.02477	6.86368	27.8503	3.60679	1
cg10499172	0.118401	0.471612	-2.12039	0.0103157	0.238623	-4.19071	0.0179643	0.279489	-3.57796	0.00439861	0.185286	-5.39706	6.46761	20.1344	2.76722	1
cg20957796	0.223466	0.819521	-1.22022	0.00595022	1.75009	1.75009	0.692887	0.9401	-1.06372	0.753963	1.05014	1.05014	6.02845	2.31197	0.340898	1
cg02052726	0.117818	0.571309	-1.75037	0.0259784	0.418483	-2.38958	0.558377	0.822761	-1.21542	0.0149281	0.372827	-2.68221	4.20224	7.23098	1.52955	1
cg22911867	0.594179	0.814133	-1.2283	0.835324	1.08285	1.08285	0.00838855	0.275912	-3.62434	0.0698861	0.460684	-2.17069	3.45556	8.00217	2.05843	1
cg20032723	0.754994	0.965746	-1.03547	0.0265259	1.34018	1.34018	0.668198	1.04918	1.04918	0.19672	1.16413	1.16413	3.44285	0.675981	0.174527	1
cg25439992	0.0100717	0.74842	-1.33615	0.0263477	0.790537	-1.26496	0.00105826	0.649148	-1.54048	0.515685	0.942881	-1.06058	10.6372	1.34151	0.112102	1
cg09251477	0.00186899	0.49751	-2.01001	0.226002	0.817773	-1.22283	0.860906	1.02814	1.02814	0.711696	0.942954	-1.0605	8.21038	3.25568	0.352473	1
cg20659025	0.0974562	0.657194	-1.52162	0.370405	0.808711	-1.23654	0.0513928	1.66858	1.66858	0.23704	1.33102	1.33102	7.61047	6.42201	0.750078	1
cg08727379	0.146434	0.663513	-1.50713	0.00219655	0.323054	-3.09546	0.657889	0.889338	-1.12443	0.178055	0.686198	-1.4573	8.10983	8.89436	0.974878	1
cg10813183	0.617987	0.879396	-1.13714	0.0133028	0.456553	-2.19032	0.0731653	0.600012	-1.66663	0.110923	0.641498	-1.55885	9.04433	9.35977	0.919891	1
cg01727348	0.0228183	0.553916	-1.80533	0.00356092	0.4247	-2.3546	0.782983	0.941885	-1.0617	0.0287838	0.571683	-1.74922	5.84142	4.35029	0.661984	1
cg17896897	0.510219	0.815757	-1.22586	0.393023	1.30573	1.30573	0.0161816	0.407843	-2.45193	0.19219	0.656484	-1.52327	5.30571	7.8104	1.30851	1
cg12530270	0.136926	0.746866	-1.33893	0.249995	1.24483	1.24483	0.610706	0.910714	-1.09804	0.0498535	0.665315	-1.50305	4.63826	2.43785	0.467196	1
cg19304100	0.863708	1.04814	1.04814	0.486679	1.2134	1.2134	0.300607	0.745612	-1.34118	0.701249	0.899879	-1.11126	4.54615	5.39287	1.05444	1
cg15204354	0.00219055	0.521179	-1.91873	0.000102505	0.352341	-2.83816	0.000122804	0.361848	-2.76359	0.00419883	0.558954	-1.78905	26.5196	9.66505	0.323955	1
cg12436631	0.74236	0.905788	-1.10401	0.631871	1.1558	1.1558	0.183369	1.5272	1.5272	0.031423	0.46904	-2.13201	4.94835	7.0516	1.2667	1
cg08472142	0.0690022	0.304858	-3.28021	0.0220572	0.201321	-4.96719	0.199066	0.45285	-2.20824	0.0335386	0.234639	-4.26186	3.62889	19.5878	4.79798	1
cg25412453	0.0351093	0.564191	-1.77245	0.265493	1.3107	1.3107	0.102587	0.659362	-1.51662	0.234203	0.747688	-1.33746	14.2229	12.2464	0.765364	1
cg24703757	0.00094947	0.526789	-1.89829	0.507766	1.09135	1.09135	0.73417	0.956625	-1.04534	0.00322275	1.68691	1.68691	10.2129	2.73764	0.238274	1
cg04241308	0.000162273	0.121815	-8.20917	0.00177967	0.233433	-4.28389	0.802584	0.921338	-1.08538	0.0632913	0.505053	-1.97999	7.74316	13.1178	1.50588	1
cg00166352	0.0828161	0.744856	-1.34254	0.0235387	0.660494	-1.51402	0.633091	0.928901	-1.07654	0.0161911	0.636945	-1.56999	7.30049	2.71907	0.331067	1
cg05060602	0.567035	1.08282	1.08282	0.000550244	2.09133	2.09133	0.00563788	1.64805	1.64805	0.0481788	1.36414	1.36414	7.12095	2.13272	0.266221	1
cg03166482	0.00754252	0.651847	-1.5341	0.026193	0.720122	-1.38865	0.211499	1.17804	1.17804	0.706456	1.04822	1.04822	4.62175	1.13422	0.218142	1
cg26526036	0.21893	0.637446	-1.56876	0.190463	1.62152	1.62152	0.0644104	0.481325	-2.0776	0.154078	0.586923	-1.7038	4.56353	8.44933	1.44005	1
cg06391660	0.252697	0.821738	-1.21693	0.0885158	0.734329	-1.36179	0.0017309	0.479799	-2.08421	0.300772	0.838451	-1.19268	7.30076	3.12251	0.380175	1
cg14601444	0.663398	1.17367	1.17367	0.854404	1.06948	1.06948	0.00144003	5.3898	5.3898	0.0456607	2.31154	2.31154	6.59241	13.9612	1.88246	1
cg09416271	0.462829	0.871927	-1.14688	0.0181974	1.69178	1.69178	0.741812	0.941174	-1.0625	0.935145	1.01504	1.01504	4.51425	2.40429	0.473421	1
cg20303028	0.163426	1.41407	1.41407	0.803044	0.943451	-1.05994	0.225814	1.34485	1.34485	0.156935	1.42281	1.42281	3.67078	3.15445	0.763858	1
cg01753375	0.575978	1.10805	1.10805	0.0356492	0.64146	-1.55894	0.0134961	1.7424	1.7424	0.0734719	1.43674	1.43674	3.42482	1.7884	0.464168	1
cg06909228	0.0843955	1.69968	1.69968	0.00279532	0.318272	-3.14197	0.0030109	3.09618	3.09618	0.00017957	5.82655	5.82655	19.7341	24.1305	1.08691	1
cg25721732	0.00304796	0.223457	-4.47513	0.00221599	0.205361	-4.86948	0.000704605	0.148601	-6.72942	0.138879	0.55534	-1.8007	9.70539	20.9537	1.91909	1
cg08864042	0.132304	0.734309	-1.36182	0.395616	1.17988	1.17988	0.00141403	2.40726	2.40726	0.0283715	1.63559	1.63559	7.91707	4.53293	0.508935	1
cg23658045	0.0404218	1.3838	1.3838	0.000153538	0.410481	-2.43616	0.272993	1.16948	1.16948	0.649146	1.06487	1.06487	9.04601	2.69786	0.2651	1
cg23752828	0.396722	0.602992	-1.6584	0.00206582	0.0797445	-12.54	0.023553	0.206737	-4.83707	0.0589947	0.288547	-3.46564	6.04105	32.5068	4.7831	1
cg16834726	0.0143534	0.264627	-3.7789	0.00771505	0.221449	-4.5157	0.139821	0.496724	-2.01319	0.115978	0.471208	-2.12221	5.73941	17.6333	2.73094	1
cg19226593	0.406862	0.889155	-1.12466	0.00214523	0.550503	-1.81652	0.376319	1.13395	1.13395	0.730335	1.04907	1.04907	5.17551	1.57149	0.269901	1
cg16499474	0.751624	1.09525	1.09525	0.012164	0.408432	-2.44839	0.377329	1.29638	1.29638	0.129732	0.625609	-1.59844	4.58024	5.95616	1.15591	1
cg22842717	0.102704	0.412785	-2.42257	0.000590852	0.0720924	-13.8711	0.524472	0.726414	-1.37662	0.173163	0.487587	-2.05092	4.19673	16.3232	3.45733	1
cg10651583	0.0835242	0.67242	-1.48717	0.016588	0.545401	-1.83351	0.810059	0.951335	-1.05115	0.491752	0.865299	-1.15567	3.45529	2.34915	0.604329	1
cg06418184	0.13354	0.74721	-1.33831	0.318376	0.830515	-1.20407	0.513398	1.12677	1.12677	0.222027	1.26	1.26	9.26587	4.75863	0.456502	1
cg14286155	0.093605	1.62809	1.62809	0.000648421	0.250918	-3.98536	0.390396	0.792448	-1.26191	0.719532	0.909091	-1.1	7.4741	7.35131	0.983571	1
cg01948229	0.371439	1.16445	1.16445	0.0040712	0.527444	-1.89594	0.373814	1.16353	1.16353	0.729275	1.05933	1.05933	11.9754	5.22028	0.387481	1
cg23128146	0.0121271	1.36406	1.36406	0.101285	0.836814	-1.19501	0.121249	0.846354	-1.18154	0.341319	1.10225	1.10225	10.7935	1.68526	0.138788	1
cg25306198	0.172631	1.54411	1.54411	0.19154	0.661093	-1.51265	0.0951604	1.73122	1.73122	0.0735438	0.550376	-1.81694	10.6889	15.1665	1.26125	1
cg22117193	0.0246363	0.513049	-1.94913	0.0178131	0.487524	-2.05118	0.150022	0.680557	-1.46938	0.000417523	0.247685	-4.03739	10.2374	10.0841	0.875582	1
cg22836605	0.0513436	0.428249	-2.33509	0.0061036	0.254561	-3.92833	0.0472017	0.419785	-2.38217	0.0163402	0.325591	-3.07134	8.00306	18.5197	2.05696	1
cg07777203	0.0186107	0.182796	-5.47057	0.773462	0.84639	-1.18149	0.464047	1.53975	1.53975	0.914823	1.06375	1.06375	6.78958	31.2185	4.02324	1
cg05973792	0.00694303	0.481089	-2.07862	0.353709	0.818827	-1.22126	0.937819	0.983789	-1.01648	0.0502257	1.59617	1.59617	5.49098	3.81602	0.617744	1
cg00245854	0.0241341	0.373787	-2.67532	0.0456534	0.432311	-2.31315	0.0322392	0.399402	-2.50374	0.267545	0.655285	-1.52605	5.19738	11.0242	1.88543	1
cg11104918	0.633331	1.16554	1.16554	0.0923395	1.80487	1.80487	0.347943	1.36074	1.36074	0.130526	1.68285	1.68285	4.88201	6.98276	1.4303	1
cg18781383	0.0417726	0.169164	-5.91143	0.00293643	0.0453553	-22.0482	0.69374	0.741061	-1.34942	0.0846911	0.236026	-4.23682	4.33695	39.3806	8.07132	1
cg26385779	0.498271	1.08755	1.08755	0.0271003	0.726582	-1.37631	0.450722	1.09836	1.09836	0.71957	0.95694	-1.045	7.21397	1.7028	0.209815	1
cg14543852	0.443418	0.728569	-1.37255	0.0377671	0.376665	-2.65488	0.596568	0.805338	-1.24171	0.0319013	2.77039	2.77039	4.02527	10.4699	2.31203	1
cg01456325	2.24E-05	0.152525	-6.55631	2.12E-06	0.0760159	-13.1551	0.365474	0.81405	-1.22843	0.00161057	0.367639	-2.72006	24.7083	19.1571	0.689183	1

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1237 vs. N)	Fold-Change(1 vs.1237)	p-value(5477 vs. N)	Fold-Change(1 vs.5477)	p-value(5477 vs. 5377)	Fold-Change(1 vs.5377)	p-value(5533 vs. N)	Fold-Change(1 vs.5533)	p-value(5537 vs. N)	Fold-Change(1 vs.5537)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
op50020317	DCTN5;PALB2	0.01025464	0.399587	1.0933	1.0933	1.162367	1.16683	1.16683	0.4648154	0.926548	1.07928	0.980328	1.09995	1.09995	0.138634	0.847152	-1.18043	0.379873	1.09766	1.09766	0.00725152	0.587594	-1.70186	0.0305767	0.690355	-1.44833	0.640835	0.952562	0.14098	0.984624	0.150623	1
op83850734	DCTN5;PALB2	0.03145	0.557045	0.955701	-1.04635	0.04816521	1.19536	1.19536	0.187504	1.1167	1.1167	0.0645961	1.17826	1.17826	0.729013	1.09301	1.09301	0.229445	0.905154	1.10478	0.462271	0.942582	-1.06092	0.250832	0.900543	-1.09945	0.00315799	1.37539	1.37539	0.943981	0.390018	0.0879054	1
op23406830	DCTN6	6.78E-05	0.000193939	0.365849	-2.73337	0.00257198	0.527985	-1.89399	0.000251802	0.397624	-2.51494	0.0334744	0.684115	-1.46174	2.17E-05	0.271394	-3.68468	0.000236316	0.39417	-2.53698	4.37E-05	0.305863	-3.26943	7.56E-05	0.333788	-2.99592	0.00193973	0.511705	-1.95425	24.555	9.08017	0.328701	1
op37465090	DCTN6	0.00268558	0.269552	0.821086	-1.2179	0.355694	0.849951	-1.17654	0.000547768	2.60515	2.60515	0.0540243	0.683768	-1.46248	0.0178	2.60515	-2.60515	0.0166241	0.566042	-1.76385	0.000151982	0.297185	-3.3649	0.822393	1.03906	1.03906	0.00707575	1.85556	1.85556	16.9234	6.77164	0.350093	1
op09557342	DCTN6	0.0083036	0.07002264	0.806711	-1.2396	0.0427455	0.780491	-1.28059	0.0878342	0.81892	-1.22112	0.4941103	1.07641	1.07641	0.348128	0.97803	-1.02246	0.965439	1.0046	1.0046	0.00455531	0.556779	-1.07605	0.00266676	0.643739	-1.55342	0.175523	0.858346	-1.16503	0.210713	1.11655	0.158289	1
op18977290	DCTN6	0.11075	0.845125	-1.18326	0.347357	0.910558	-1.08823	0.616419	1.05012	-1.05012	0.003515	0.685578	-1.46718	0.231106	1.12935	-1.12935	0.0166241	0.688567	0.961737	-1.03979	0.076643	0.826385	-1.21009	0.0139814	1.34167	-1.34167	0.545101	1.0611	-1.0611	0.470555	0.132006	1
op03104356	DCTN6;DCTN6	0.00746625	0.299841	0.86276	-1.15907	0.9745511	1.00439	1.00439	0.773706	1.0404	1.0404	0.206128	0.832579	-1.20109	0.00688235	0.618339	-1.61723	0.00841757	0.629799	-1.58781	0.000253304	0.436683	-2.28999	0.245371	0.846251	-1.18168	0.148297	0.808119	-1.23744	0.448316	1.93822	0.265744	1
op09417745	DCTP1	0.00194754	0.00444359	3.71138	3.71138	0.00844703	0.62616	6.62616	0.0159858	0.640345	-1.56166	0.159634	1.6084	1.6084	0.0015237	2.0266	-4.84027	0.257746	1.5039	1.5039	0.0464972	1.17008	2.17008	0.0707927	2.00881	2.00881	0.719209	0.8827727	-1.13285	9.71682	18.3719	0.680905	1
op07635132	DCTP1	0.030135	1.126973	2.27659	2.27659	0.04750233	1.05912	1.05912	0.375903	1.16573	1.16573	0.2563417	2.29641	2.29641	0.0995419	2.0554	-4.87565	0.763723	2.86049	-1.16213	0.390005	1.55119	1.55119	0.0357835	1.37895	1.37895	0.697822	1.21466	1.21466	0.408026	16.0529	3.4971	1
op02733650	DCTPP1;DCTPP1	0.0095663	0.0080902	3.8314	3.8314	0.00498017	4.39594	4.39594	0.351037	1.44318	1.44318	0.0169863	1.13748	1.13748	0.12491	2.84112	2.84112	0.172695	1.7464	1.7464	0.00564673	4.23981	4.23981	0.00111706	7.01472	7.01472	0.049707	2.38627	2.38627	6.82338	15.3186	1.74612	1
op20699141	DCUN1D1	1.16E-05	5.17E-05	3.938544	-2.53966	0.4106427	0.014027	2.1153	0.0001752	2.027852	0.0759799	-1.04844	0.0556388	1.34137	-1.34137	0.0001752	2.28E-06	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	0.0001752	1
op27368333	DCUN1D1	2.66E-05	0.0428908	0.725347	-1.38228	0.275527	1.17069	1.17069	0.00156637	0.531958	-1.87985	0.00905512	0.6231006	0.684342	-1.46126	0.04E-06	4.42157	0.562008	1.08486	1.08486	0.134117	0.607734	0.00018272	0.248036	2.40836	0.022616	0.684342	-1.46126	4.04E-06	4.42157	0.562008	1.08486	0.134117	0.607734	0.271707	1
op06785420	DCUN1D1	0.000899637	0.00119745	0.545564	-2.82036	0.000571567	2.50581	2.50581	0.341286	1.035562	1.035562	0.2899996	1.27151	1.27151	0.000548417	0.309583	-3.23115	0.286574	1.78274	1.27344	0.0299673	0.533493	-1.74675	0.009026	1.39026	1.39026	0.0807431	0.655055	-1.52659	12.1241	9.15053	0.671686	1
op30958840	DCUN1D1	0.0142664	0.0723534	1.94419	1.94419	0.00775462	0.32183	-3.10723	0.0409161	0.457342	-2.18654	0.129134	1.72234	1.72234	0.0156905	2.66947	-2.66947	0.0433292	2.16089	2.16089	0.159968	1.64507	1.64507	0.212802	1.54504	1.54504	0.558511	1.21673	1.21673	1.26712	9.17003	1.54755	1
op08674093	DCUN1D1	0.0201992	0.281956	0.801586	-1.24753	0.130578	0.724018	-1.38118	0.556472	1.12485	1.12485	0.0687505	0.658268	-1.51914	0.00540888	0.484733	-2.06299	0.0291506	0.601407	-1.66277	0.0591557	1.52414	1.52414	0.385386	1.19246	1.19246	0.0949684	1.43754	0.68478	2.9053	0.550785	1
op16248795	DCUN1D1	0.00151048	0.3378896	-2.55949	0.1048257	0.0665532	-1.52317	0.88991	0.1760558	0.0204551	0.4622744	0.58501	-1.70973	-1.26624	0.00144334	0.141553	-7.06447	0.00313798	0.0826045	-12.1025	0.00013798	0.0001635	-6.05231	0.0476912	0.98754	-1.01255	0.880189	-1.13496	0.723562	1.08796	1.08796	0.889793	1.43892	0.793137	1
op19502671	DCUN1D2	0.00011557	0.20005	0.789767	-1.2662	0.247674	0.809996	-1.23457	0.97E-05	0.295248	-3.38698	0.00585253	0.533115	-1.87577	0.00818594	0.332792	-3.00488	0.107136	0.735912	-1.35886	7.94E-06	0.181786	-5.50096	0.478406	0.88192	-1.13389	0.000232256	0.344732	-2.90081	21.2987	10.2543	0.427956	1
op07244833	DCUN1D2	0.00127359	0.2439314	0.730578	-1.36878	0.736105	0.586568	-1.70483	0.0295628	0.829232	-1.20594	0.00107888	0.607167	-1.64699	0.00520977	0.763784	-1.30927	0.0848899	0.870048	-1.14936	0.00267607	1.33245	1.33245	0.454088	1.05732	1.05732	0.0262751	1.21266	1.21266	18.9886	1.60656	0.0752058	1
op09446141	DCUN1D2	0.000704912	0.00136734	0.06089966	-16.4558	0.0592827	0.405311	-2.46724	0.581602	1.78E-07	-1.26624	0.0314464	0.341553	-7.06447	0.00313798	0.060345	-16.5659	0.0016974	0.15646	-6.39139	0.0234968	0.165227	-6.05238	0.0242514	-2.37225	0.0155197	0.283933	-3.52196	12.9855	36.996	2.53247	1
op31803278	DCUN1D2	0.000960675	0.000812564	0.414322	-2.41358	0.5266007	0.894088	-1.11846	0.00714527	1.83338	1.83338	0.360057	0.848578	-1.17844	7.63E-05	0.286167	-3.49446	0.192236	0.785963	-1.27233	0.0137492	0.587721	-1.70149	0.430286	0.868945	-1.15082	0.0276706	0.634922	-1.575	11.9011	5.73889	0.428637	1
op25082361	DCUN1D2	0.00143762	0.05088037	1.39622	1.39622	0.00351443	0.58268	-1.71648	0.0134	0.564175	-1.77236	0.0261909	1.86887	1.86887	0.0154368	0.54019	-1.85102	0.679552	0.939566	-1.06437	0.0491049	1.74949	1.74949	0.315834	1.1606	1.1606	0.0632993	0.730932	1.36812	0.604884	3.78408	0.317072	1
op03639396	DCUN1D2	0.00209004	0.08410312	1.3962	1.3962	0.00030913	0.359861	-2.77885	0.00386779	0.372092	-2.68751	0.565826	1.10668	1.10668	0.203528	0.791063	-1.26412	0.286071	0.824094	-1.21345	0.411984	1.15776	1.15776	0.15594	1.30355	1.30355	0.145881	0.76136	-1.31434	0.596158	4.59753	0.429325	1
op15680955	DCUN1D2	0.00944108	0.1188661	1.55758	1.55758	0.0078106	0.834358	1.21113	1.21113	0.0834952	1.14481	0.00369432	0.818188	1.22233	0.0074725	0.445134	-2.24606	0.0572123	0.758973	1.31753	0.0075042	0.560899	-1.78353	0.0307542	0.660009	-1.51497	0.0227054	0.732233	1.36571	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	1
op12297292	DCUN1D2	0.0109211	0.0520292	1.61257	1.61257	0.0199344	1.83553	1.83553	0.0203301	1.8306	1.8306	0.0184786	1.85467	1.85467	0.959714	0.98914	-1.01098	0.0110543	1.99158	1.99158	0.00506976	2.22769	2.22769	0.0085983	2.0636	2.0636	0.260008	0.775698	-1.28916	5.74583	4.25267	0.657893	1
op23514375	DCUN1D2	0.0114191	0.0204653	0.30005	-3.33278	0.958636	0.976694	-1.0236	0.407452	0.694026	-1.44087	0.0434942	0.367622	-2.72018	0.0014576	0.113784	-7.2548	0.277862	0.732685	-1.36484	0.0027241	0.16798	-5.95308	0.966065	0.998168	-1.00184	0.0538897	1.389325	-2.56855	5.27607	15.5249	2.61557	1
op20680966	DCUN1D2	0.00188108	0.0868604	1.42218	1.42218	0.0086577	0.886577	-1.12793	0.1416961	0.728192	-1.37303	0.0248562	0.789034	-1.26737	0.0121688	0.518881	-1.92781	0.0100153	1.14887	1.14887	0.0085806	1.54625	1.54625	0.0845908	1.48251	1.48251	0.0780573	0.763665	1.30953	0.0407153	0.0407153	0.0407153	0.0407153	0.0407153	0.0407153	0.0407153	0.0407153	1
op08034413	DCUN1D2	0.00241684	0.00716361	0.216513	-4.61866	0.1895035	0.976944	-1.02406	0.344074	0.734127	-1.36225	0.0145	0.587921	-1.70109	0.00236498	0.170057	-5.88079	0.176476	0.530873	-1.88369	0.278791	0.668813	-1.64254	0.677269	1.20255	1.20255	0.0174618	0.279421	-3.57883	4.40871	13.5597	2.73391	1
op09300604	DCUN1D2	0.0062352	0.0879763	1.73458	1.73458	0.0158383	1.22444	1.22444	0.0203854	1.24023	1.24023	0.0163693	1.24645	1.24645	0.0116491	1.27499	1.27499	0.0126284	1.29454	1.29454	0.0122304	1.2345	1.2345	0.0607388	1.19078	1.19078	0.0468152	1.21266	1.21266	18.9886	1.60656	0.0752058	1
op29945824	DCUN1D2	0.0493427	0.995665	0.998876	-1.00113	0.0455261	2.18795	2.18795	0.0176165	0.550060	-1.81795	0.422311	1.18489	1.18489	0.58963	-1.11931	-1.11931	0.157025	1.36788	1.36788	0.073666	0.674538	0.911043	-1.09764	0.628581	0.904032	-1.10616	1.402285	2.10889	0.603126	1
op11357670	DCUN1D2;TMCO3	0.00370077	0.0983788	1.29831	1.29831	0.0511773	1.37688	1.37688	8.75E-05	2.75379	2.75379	0.0731019	1.3336	1.3336	0.58905	1.08172	1.08172	0.0221704	1.48434	1.48434	0.00696032	0.60481	-1.65341	0.00226395	0.545	-1.85014	0.000535145	2.17459	2.17459	5.52292	5.10174	0.292022	1
op07730684	DCUN1D2;TMCO3	0.00842778	0.4498471	1.12682	1.12682	0.6297307	0.291511	-1.09315	0.1908074	0.350001	-2.85714	0.0158485	0.736174	-1.78007	0.00261909	1.86887	1.86887	0.0154368	0.54019	-1.85102	0.679552	0.939566	-1.06437	0.0491049	1.74949	1.74949	0.315834	1.1606	1.1606	0.0632993	0.730932	1.36812	0.604884	3.78408	0.317072	1
op02560367	DCUN1D2;TMCO3	0.00440095	0.05151581	1.69679	1.69679	0.0334434	1.80904	1.80904	0.0280651	1.85689	1.85689	0.0099734	2.17309	2.17309	0.550379	1.15504	1.15504	0.847023	1.04715	1.04715	0.08113	1.54142	1.54142	0.834629	1.05113	1.05113	0.0114743	1.72646	1.72646	1.54299	3.19313	0.801113	1
op08021918	DCUN1D3	0.0119202	0.1186601	1.55758	1.55758	0.0078106	0.834358	1.21113	1.21113	0.0834952	1.14481	0.00369432	0.818188	1.22233	0.0074725	0.445134	-2.24606	0.0572123	0.758973	1.31753	0.0075042	0.560899	-1.78353	0.0307542	0.660009	-1.51497	0.0227054	0.732233	1.36571	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	1
op09302046	DCUN1D4;DCUN1D4	0.00017106	0.204328	0.83654	-1.1954	0.00357741	0.591094	-1.69178	0.00743801	0.631717	-1.58299	0.434381	1.11213	1.11213	0.000282728	0.453593	2.20462	4.98E-06	0.249962	-4.0006	0.000128963	0.41204	-2.42695	0.946785	0.991145	-1.00893	0.0355154	0.721712	-1.38559	21.2236	9.7678	0.249943	1
op10565996	DCUN1D4;DCUN1D4	0.00174272	0.124074	1.29423	1.29423	0.500043	1.11173	1.11173	0.119557	1.27918	1.27918	0.638467	0.932931	-1.07604	0.91936	1.01581	1.01581	0.983832	1.00314	1.00314	1.87E-06	0.159824	-6.25687	0.285959	1.18723	1.18723	0.668128	1.06908	1.0698	0.09	7.24367	0.337658	1
op25574901	DCUN1D4;DCUN1D4	0.00098122	0.872127	1.0483	1.0483	0.0004244	0.358358	2.79113	2.79113	0.0364932	1.14481	0.00369432	0.818188	1.22233	0.0074725	0.445134	-2.24606	0.0572123	0.758973	1.31753	0.0075042	0.560899	-1.78353	0.0307542	0.660009	-1.51497	0.0227054	0.732233	1.36571	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	1
op23626266	DCUN1D4;DCUN1D4	0.0027699	0.026922	0.813052	-1.22993	0.465704	0.943053	-1.06039	0.00101014	0.680257	-1.47003	0.000369748	0.63753	-1.56855	0.292294	1.09013	1.09013	0.708342	1.03012	1.03012	0.596175	0.958642	-1.04314	0.123927	1.14064	1.14064	0.0878539	1.16042	1.16042	3.76294	0.865687	0.0878129	1
op07571992	DCUN1D4;DCUN1D4	0.00403014	0.018862	1.45725	1.45725	0.0139355	0.29284	-3.41555	0.00284	0.537021	-1.86102	0.0076202	1.74514	1.74514	0.00910181	1.92504	1.92504	0.0040848	1.62433	1.5567	0.0145854	0.568584	-1.75875	0.0324004	0.753464	-1.32696	0.0189199	0.753388	1.32736	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	1
op03899558	DCUN1D4;DCUN1D4	0.0117932	0.657813	0.09172	1.09172	0.773327	1.0585	1.0585	0.9487914	1.01249	1.01249	0.0083969	0.464371	-2.15345	0.00119643	0.392748	-2.54616	0.278794	0.24817	-1.24817	0.989133	1.00268	1.00268	0.0185785	0.570164	-1.75388	0.812387	1.04792	1.04792	1.5605	1.44009	0.545558	1
op04279629	DCUN1D4;DCUN1D4	0.0159673	0.0319664	0.532158	-1.87914	0.391844	1.15356	1.15356	0.987921	1.00247	1.00247	0.765449	1.04992	1.04992	0.4046	0.870351	-1.14896	0.550425	0.906309	-1.10338	0.00158404	0.477857	-2.09267	0.136946	1.29806	1.29806	0.12504	0.763096	-1.31045	5.07444	2.13089	0.373267	1
op23910390	DCUN1D4;DCUN1D4	0.0104033	0.0188364	1.45725	1.45725	0.0139355	0.29284	-3.41555	0.00284	0.537021	-1.86102	0.0076202	1.74514	1.74514	0.00910181	1.92504	1.92504	0.0040848	1.62433	1.5567	0.0145854	0.568584	-1.75875	0.0324004	0.753464	-1.32696	0.0189199	0.753388	1.32736	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	1
op25105616	DCUN1D4;DCUN1D4	0.0117932	0.657813	0.09172	1.09172	0.773327	1.0585	1.0585	0.9487914	1.01249	1.01249	0.0083969	0.464371	-2.15345	0.00119643	0.392748	-2.54616	0.278794	0.24817	-1.24817	0.989133	1.00268	1.00268	0.0185785	0.570164	-1.75388	0.812387	1.04792	1.04792	1.5605	1.44009	0.545558	1
op29948204	DCUN1D2	0.0493427	0.995665	0.998876	-1.00113	0.0455261	2.18795	2.18795	0.0176165	0.550060	-1.81795	0.422311	1.18489	1.18489	0.58963	-1.11931	-1.11931	0.157025	1.36788	1.36788	0.073666	0.674538	0.911043	-1.09764	0.628581	0.904032	-1.10616	1.402285	2.10889	0.603126	1
op11357670	DCUN1D2;TMCO3	0.00370077	0.0983788	1.29831	1.29831	0.0511773	1.37688	1.37688	8.75E-05	2.75379	2.75379	0.0731019	1.3336	1.3336	0.58905	1.08172	1.08172	0.0221704	1.48434	1.48434	0.00696032	0.60481	-1.65341	0.00226395	0.545	-1.85014	0.000535145	2.17459	2.17459	5.52292	5.10174	0.292022	1
op07730684	DCUN1D2;TMCO3	0.00842778	0.4498471	1.12682	1.12682	0.6297307	0.291511	-1.09315	0.1908074	0.350001	-2.85714	0.0158485	0.736174	-1.78007	0.00261909	1.86887	1.86887	0.0154368	0.54019	-1.85102	0.679552	0.939566	-1.06437	0.0491049	1.74949	1.74949	0.315834	1.1606	1.1606	0.0632993	0.730932	1.36812	0.604884	3.78408	0.317072	1
op02560367	DCUN1D2;TMCO3	0.00440095	0.05151581	1.69679	1.69679	0.0334434	1.80904	1.80904	0.0280651	1.85689	1.85689	0.0099734	2.17309	2.17309	0.550379	1.15504	1.15504	0.847023	1.04715	1.04715	0.08113	1.54142	1.54142	0.834629	1.05113	1.05113	0.0114743	1.72646	1.72646	1.54299	3.19313	0.801113	1
op08021918	DCUN1D3	0.0119202	0.1186601	1.55758	1.55758	0.0078106	0.834358	1.21113	1.21113	0.0834952	1.14481	0.00369432	0.818188	1.22233	0.0074725	0.445134	-2.24606	0.0572123	0.758973	1.31753	0.0075042	0.560899	-1.78353	0.0307542	0.660009	-1.51497	0.0227054	0.732233	1.36571	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	0.0486275	1
op09302046	DCUN1D4;DCUN1D4	0.00017106	0.204328	0.83654	-1.1954	0.00357741	0.591094	-1.69178	0.00743801	0.631717	-1.58299	0.434381	1.11213	1.11213	0.000282728	0.453593	2.20462	4.98E-06	0.249962	-4.0006	0.000128963	0.41204	-2.42695	0.946785	0.991145	-1.00893	0.0355154	0.721712	-1.38559	21.2236	9.7678	0.249943	1
op10565996	DCUN1D4;DCUN1D4	0.0027699	0.026922	0.813052	-1.22993	0.465704	0.943053	-1.06039	0.00101014	0.680257	-1.47003	0.000369748	0.63753	-1.56855	0.292294	1.09013	1.09013	0.708342	1.03012	1.03012	0.596175	0.958642	-1.04314	0.123927	1.14064	1.14064	0.0878539	1.16042	1.16042	3.76294	0.865687	0.0878129	1
op07571992	DCUN1D4;DCUN1D4	0.0040301	0.018862	1.45725	1.45725	0.0139355	0.29284	-3.41555	0.00284	0.537021	-1.86102	0.0076202	1.74514	1.74514	0.00910181	1.92504	1.92504	0.0040848	1.62433	1.5567	0.0145854	0.568584	-1.75875	0.0324004	0.753464	-1.32696	0.0189199	0.753388	1.32736	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	1
op03899558	DCUN1D4;DCUN1D4	0.0117932	0.657813	0.09172	1.09172	0.773327	1.0585	1.0585	0.9487914	1.01249	1.01249	0.0083969	0.464371	-2.15345	0.00119643	0.392748	-2.54616	0.278794	0.24817	-1.24817	0.989133	1.00268	1.00268	0.0185785	0.570164	-1.75388	0.812387	1.04792	1.04792	1.5605	1.44009	0.545558	1
op04279629	DCUN1D4;DCUN1D4	0.0159673	0.0319664	0.532158	-1.87914	0.391844	1.15356	1.15356	0.987921	1.00247	1.00247	0.765449	1.04992	1.04992	0.4046	0.870351	-1.14896	0.550425	0.906309	-1.10338	0.00158404	0.477857	-2.09267	0.136946	1.29806	1.29806	0.12504	0.763096	-1.31045	5.07444	2.13089	0.373267	1
op23910390	DCUN1D4;DCUN1D4	0.0104033	0.0188364	1.45725	1.45725	0.0139355	0.29284	-3.41555	0.00284	0.537021	-1.86102	0.0076202	1.74514	1.74514	0.00910181	1.92504	1.92504	0.0040848	1.62433	1.5567	0.0145854	0.568584	-1.75875	0.0324004	0.753464	-1.32696	0.0189199	0.753388	1.32736	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	0.0238	1
op25105616	DCUN1D4;DCUN1D4	0.0117932	0.657813	0.09172	1.09172	0.773327	1.0585	1.0585	0.9487914	1.01249	1.01249	0.0083969	0.464371	-2.15345	0.00119643	0.392748	-2.54616	0.278794	0.24817	-1.24817	0.989133	1.00268	1.00268	0.0185785	0.570164	-1.75388	0.812387	1.04792	1.04792	1.5605	1.44009	0.545558	1
op01220564	DCUN1D5	0.0442123	0.0201027	0.442849	-2.2581	0.0776175	0.565674	-1.7678	0.0891835	0.580152	-1.72369	0.0283464	0.471512	-2.12084	0.00444996	0.332047	-3.01162	0.12538	0.617665	-1.619	0.0587396	0.537855	-1.85924	0.339605	0.751384	-1.33088	0.0625256	0.543957	-1.83838	0.54888	4.74245	1.18784	1
op18555117	DDHD1;DDHD1;DDHD1	0.0012808	0.2927752	0.756753	-1.32144	0.0115546	0.244645	-4.08621	0.000441857	0.242484	-4.12398	0.116898	0.647269	-1.54495	0.35788	0.771751	-1.29575	0.440886	0.818193	-1.22251	0.159746	1.467611	1.467611	0.79601	1.06889	1.06889	0.0412009	1.01901	1.01901	5.45658	5.63663	0.918856	1
op03546712	DDHD1;DDHD1;DDHD1	0.0005588292	0.0045552	2.0488	2.0488	0.00164943	0.361958	-2.76275	0.000133702	0.0937371	-10.6681	0.063309	1.3089	1.3089	0.307032	1.8522	1.8522	0.217448	0.847446	-1.18002	0.532E-05	0.363317	-2.75242	0.513282	0.8766	1.08766	0.0922559	1.26474	1.26474	0.858413	5.02807	0.226148	1
op04163595	DDHD1;DDHD1;DDHD1	0.0019328	0.892918	0.979733	-1.02069	0.00564904	0.575731	-1.73692	0.000507456	0.437858	-2.28384	0.239136	1.20602	1.20602	0.222804	0.823034	-1.21502	0.388122	1.14394	1.14394	0.000601462	2.2357	2.2357	0.863562	0.974191	-1.02649	0.725754	0.947867	-1.055	9.73819	3.56468	0.325379	1
op18666817	DDHD1;DDHD1;DDHD1	0.00367792	0.0466333	0.712088	-1.40432	0.152079	0.795595	-1.25692	0.00291651	0.543592	-1.83961	0.148109	0.793562	-1.26014	0.00198474	0.521535	-1.91742	0.00870486	0.607599	-1.64582	0.000728405	0.465062	-2.15025	0.0790011	0.747761	-1.33733	0.00172704	0.513618	-1.94697	0.65325	2.83298	0.312694	1
op21842967	DDHD1;DDHD1;DDHD1	0.00467618	0.2927752	0.756753	-1.32144	0.0115546	0.244645	-4.08621	0.000441857	0.242484	-4.12398	0.116898	0.647269	-1.54495	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22228205	DDHD1;DDHD1;DDHD1	0.0328332	0.00602124	0.482489	-2.07259	0.0981232	1.44551	1.44551	0.706576	0.926069	-1.07983	0.189888	1.32575	1.32575	0.752541	0.937783	-1.06635
cg20000539	DDHD2;DDHD2	0.00542128	0.000204088	0.235194	-4.25181	0.0982066	0.655941	-1.52453	0.0364477	0.568191	-1.75997	0.0121267	0.483366	-2.06883	0.519693	1.16385	1.16385
cg04218418	DDHD2;DDHD2;DDHD2	0.000263423	0.358513	0.728575	-1.37254	0.0274645	2.3981	2.3981	0.715805	1.13046	1.13046	0.644654	1.16854	1.16854	3.06E-06	0.0241614	-41.3884
cg17340655	DDHD2;DDHD2;DDHD2	0.00158319	0.80964	1.04033	1.04033	0.11922	1.31919	1.31919	0.0296665	1.521	1.521	0.119121	1.3193	1.3193	0.0525347	1.43497	1.43497
cg03482339	DDHD2;DDHD2;DDHD2	0.00504735	0.0018228	0.335524	-2.98042	0.482149	1.18124	1.18124	0.302407	1.2838	1.2838	0.0316369	1.82394	1.82394	0.200575	1.37314	1.37314
cg17139035	DDHD2;DDHD2;DDHD2	0.00657934	0.00290246	0.387011	-2.58391	0.0802518	0.637612	-1.56835	0.278042	0.769827	-1.29899	0.8171	1.05519	1.05519	0.00539709	0.427678	-2.33821
cg16937126	DDHD2;DDHD2;DDHD2	0.0127586	0.14969	0.84439	-1.18429	0.0999249	1.21825	1.21825	0.0381304	1.30107	1.30107	0.250512	0.876789	-1.14052	0.257241	0.878555	-1.13823
cg17513198	DDHD2;DDHD2;DDHD2	0.0188052	0.022831	0.5611	-1.78221	0.999624	1.0001	1.0001	0.146206	0.718269	-1.39224	0.0495629	0.621691	-1.60852	0.365043	1.21829	1.21829
cg04500377	DDHD2;DDHD2;DDHD2	0.0264027	0.367072	1.37641	1.37641	0.00508546	3.5851	3.5851	0.0245498	2.51797	2.51797	0.0137332	2.85908	2.85908	0.802294	1.09035	1.09035
cg12859234	DDHD2;DDHD2;DDHD2;DDHD2	0.00312736	0.00602081	0.664569	-1.50473	0.00634072	1.49878	1.49878	0.0785508	1.24918	1.24918	0.86392	1.01972	1.01972	0.278157	0.879497	-1.13701
cg09315468	DDHD2;DDHD2;DDHD2;DDHD2	0.00885049	0.042697	0.647774	-1.54375	0.561146	1.11556	1.11556	0.0906321	1.41476	1.41476	0.218536	0.785953	-1.27234	0.792309	1.05034	1.05034
cg20338628	DDHD2;DDHD2;DDHD2;DDHD2;DDHD2	0.0104397	0.421683	1.22309	1.22309	0.302015	0.769253	-1.29996	0.582409	1.14597	1.14597	0.699895	0.909349	-1.09969	0.457568	0.830608	-1.20394
ch.1.543953R	DDI2	0.00937571	0.0392043	0.484233	-2.06512	0.00827811	0.358401	-2.79017	0.00212853	0.269295	-3.7134	0.00105066	0.229161	-4.36374	0.214515	0.672239	-1.48757
cg11557658	DDIT3	0.00226675	0.953812	0.995263	-1.00476	0.000397655	1.5874	1.5874	0.559532	0.952782	-1.04956	0.247981	0.905744	-1.10407	0.00297672	1.39663	1.39663
cg15055395	DDIT3	0.00495706	0.627102	1.19021	1.19021	0.00827811	0.300942	-3.3229	0.0900637	1.94348	1.94348	0.238848	0.644838	-1.55078	0.000322401	0.12627	-7.91956
cg20727555	DDIT3	0.017257	0.391131	0.848546	-1.17849	0.214655	1.27655	1.27655	0.171342	1.31287	1.31287	0.587696	1.10774	1.10774	0.00501312	0.49959	-2.00164
cg13148824	DDIT3	0.0180603	0.760155	1.09803	1.09803	0.0258359	2.24399	2.24399	0.985401	1.0056	1.0056	0.0992293	1.7367	1.7367	0.077041	0.548537	-1.82303
cg25914663	DDIT4	0.00129241	0.00382258	0.542656	-1.84279	0.0911171	0.746993	-1.3387	0.606279	1.08491	1.08491	2.50E-05	0.269087	-3.71626	0.546226	0.908715	-1.10046
cg20088969	DDIT4	0.00587772	0.00414011	0.804079	-1.24366	0.0357911	0.870611	-1.14862	0.4078	0.953108	-1.0492	0.629885	1.02792	1.02792	0.274228	0.937505	-1.06666
cg27144485	DDIT4	0.0328581	0.0677698	0.662064	-1.51043	0.446832	0.855321	-1.16915	0.403802	0.841821	-1.1879	0.863402	0.965887	-1.03532	0.00811338	0.505007	-1.98017
cg18714412	DDIT4L	0.0161043	0.407177	0.861824	-1.16033	0.00550961	1.89628	1.89628	0.99392	1.00134	1.00134	0.027455	0.632909	-1.58001	0.00732737	0.545358	-1.83366
cg18603154	DDIT4L	0.024886	0.109061	0.698762	-1.4311	0.00204845	2.43808	2.43808	0.291477	0.798895	-1.25173	0.365149	1.2103	1.2103	0.0404357	0.615386	-1.625
cg12566138	DDIT4L	0.0267698	0.00216753	0.438965	-2.27809	0.46484	1.15294	1.15294	0.210813	1.28691	1.28691	0.0268596	0.605553	-1.65138	0.402475	1.17812	1.17812
cg20513643	DDN	0.00198677	0.00531345	0.397716	-2.51436	0.802192	1.06503	1.06503	0.687673	0.903534	-1.10677	0.0371729	0.544846	-1.83538	0.731658	0.917223	-1.09025
cg24707051	DDN	0.00303953	0.113385	0.693527	-1.4419	0.612179	0.897089	-1.11472	0.236082	0.768172	-1.30179	0.579641	0.887939	-1.1262	0.000468914	0.311002	-3.21541
cg01915076	DDN	0.00757703	0.00480387	0.570698	-1.75224	0.821522	1.03445	1.03445	0.197172	0.81517	-1.22674	0.108256	0.76902	-1.30036	0.0874543	0.75367	-1.32684
cg03008550	DDN	0.0080944	0.0152354	0.252735	-3.95671	0.00701818	0.20014	-4.99651	0.0723505	0.396353	-2.523	0.143177	0.483778	-2.06706	0.00566285	0.187256	-5.34028
cg05978988	DDN	0.0132089	0.0317517	0.624723	-1.60071	0.0472588	0.654273	-1.52841	0.932059	0.984191	-1.01606	0.548326	1.12021	1.12021	0.00833549	0.532538	-1.8778
cg20260607	DDN	0.0159649	0.21053	1.87545	1.87545	0.00153114	8.78998	8.78998	0.0136048	4.28461	4.28461	0.508066	1.37717	1.37717	0.00814236	5.02487	5.02487
cg14298966	DDN	0.0322107	0.00748593	0.163899	-6.10132	0.962806	1.0248	1.0248	0.82621	1.12245	1.12245	?	?	?	0.150099	0.44467	-2.24886
cg00757327	DDN	0.0492813	0.196646	2.51208	2.51208	0.318831	2.00401	2.00401	0.0227645	6.2911	6.2911	0.177526	2.62983	2.62983	0.0607108	4.165	4.165
cg07236939	DDO;DDO	1.03E-05	0.0457751	0.65227	-1.53311	0.831576	1.04054	1.04054	0.00025343	0.324577	-3.08093	0.000111746	0.281541	-3.55187	6.83E-07	0.0805255	-12.4184
cg00083206	DDO;DDO	6.46E-05	0.00275619	1.95769	1.95769	0.000504228	0.412967	-2.4215	0.0255522	1.5396	1.5396	0.00545436	1.81218	1.81218	0.000945644	2.22958	2.22958
cg01119278	DDO;DDO	0.000240826	0.00795749	1.86663	1.86663	0.0103766	1.80788	1.80788	0.0791009	1.42994	1.42994	0.0182431	1.69158	1.69158	0.00584718	1.93851	1.93851
cg19196401	DDO;DDO	0.00026102	0.001051	2.60398	2.60398	0.0224434	1.71584	1.71584	0.000754771	2.74163	2.74163	0.139042	1.36939	1.36939	0.829584	0.958337	-1.04347
cg13266496	DDO;DDO	0.000655216	0.00734298	2.64455	2.64455	0.0496163	1.87825	1.87825	0.0210792	2.18302	2.18302	0.0198869	2.20572	2.20572	0.00334868	3.07565	3.07565
cg23891903	DDO;DDO	0.00256773	0.523396	1.14636	1.14636	0.00214922	0.402424	-2.48494	0.000755818	0.340035	-2.94088	0.0168974	0.540365	-1.8506	0.00361422	0.435218	-2.2977
cg26155617	DDO;DDO	0.0144808	0.0863916	0.684789	-1.4603	0.15362	0.736853	-1.35712	0.0531791	0.64462	-1.5513	0.733155	1.0708	1.0708	0.00598413	0.48767	-2.05057
cg08911391	DDOST	0.00923879	0.0124059	0.26817	-3.72897	0.0122334	0.267147	-3.74326	0.480646	0.73847	-1.35415	0.581741	0.790354	-1.26526	0.0276848	0.33261	-3.00653
cg12743621	DDOST	0.0140446	0.00860909	0.246621	-4.05481	0.00355583	0.191949	-5.20971	0.0936238	0.462816	-2.16068	0.0748905	0.436541	-2.29073	0.291429	0.632922	-1.57997
cg24876897	DDOST	0.0149037	0.00887851	0.172041	-5.81258	0.0231418	0.238084	-4.20019	0.0782202	0.355553	-2.81252	0.151272	0.443643	-2.25406	0.0174428	0.216632	-4.61612
cg08951271	DDR1	0.0171146	0.0644955	0.456179	-2.19212	0.00149397	0.17721	-5.64301	0.00496605	0.245232	-4.07777	0.495311	1.29909	1.29909	0.0392388	0.405945	-2.46339
cg03270204	DDR1;DDR1	0.000428817	0.110797	0.724155	-1.38092	0.513469	1.131	1.131	0.678513	0.925495	-1.0805	0.00082312	2.55002	2.55002	0.102718	0.717735	-1.39327
cg16537676	DDR1;DDR1	0.00263722	0.0992333	0.536275	-1.86471	0.46381	0.773295	-1.29317	0.801862	0.916958	-1.09056	0.0262493	2.48179	2.48179	0.0214275	0.385602	-2.59335
cg16707952	DDR1;DDR1	0.0042245	0.313082	0.789961	-1.26589	0.356607	1.23893	1.23893	0.201083	1.35676	1.35676	0.00753012	2.17511	2.17511	0.072499	0.635827	-1.57275
cg14279856	DDR1;DDR1	0.00801506	0.0108531	0.43397	-2.3043	0.0331554	1.91537	1.91537	0.0172363	2.13233	2.13233	0.576192	1.15878	1.15878	0.430196	0.810477	-1.23384
cg23953820	DDR1;DDR1	0.0165696	0.260508	0.745218	-1.34189	0.941091	0.981651	-1.01869	0.625173	1.13131	1.13131	0.247576	1.35381	1.35381	0.0764675	0.61029	-1.63857
cg11975790	DDR1;DDR1	0.0278534	0.140443	0.456081	-2.1926	0.0569527	2.9051	2.9051	0.0142863	4.46289	4.46289	0.0651605	2.78716	2.78716	0.661828	1.24345	1.24345
cg10470808	DDR1;DDR1	0.0353156	0.145031	1.24897	1.24897	0.517209	1.09777	1.09777	0.031274	1.43181	1.43181	0.910169	0.984095	-1.01616	0.0343682	0.704274	-1.4199
cg07265873	DDR1;DDR1	0.0371039	0.357396	0.793374	-1.26044	0.865955	0.959528	-1.04218	0.182874	0.707766	-1.4129	0.00631086	0.419024	-2.3865	0.082606	0.624929	-1.60018
cg20560640	DDR1;DDR1;DDR1	2.67E-07	1.66E-07	0.265147	-3.77149	0.964448	0.996353	-1.00366	1.28E-06	0.360599	-2.77317	0.140735	0.878212	-1.13868	0.0606141	0.840811	-1.18933
cg13799856	DDR1;DDR1;DDR1	0.000757245	0.00507209	0.523574	-1.90995	0.00314526	0.494109	-2.02385	0.0686809	0.700542	-1.42747	0.0634162	0.694493	-1.4399	1.60E-05	0.21148	-4.72857
cg02313535	DDR1;DDR1;DDR1	0.0012689	8.09E-05	0.215027	-4.65057	0.0462003	0.610412	-1.63824	0.0491846	0.61556	-1.62454	0.615963	0.89647	-1.11549	0.00151602	0.372632	-2.68361
cg14790552	DDR1;DDR1;DDR1	0.00270182	0.252321	0.629245	-1.58921	0.0120082	0.297064	-3.36628	0.00757085	0.264252	-3.78426	0.179218	0.575379	-1.73799	0.00287927	0.204335	-4.89391
cg27237814	DDR1;DDR1;DDR1	0.0043425	0.461745	0.854178	-1.17072	0.0176691	0.544929	-1.8351	0.0207136	0.556589	-1.79666	0.00843442	2.02925	2.02925	0.136567	0.713618	-1.40131
cg14928451	DDR1;DDR1;DDR1	0.00697878	0.149512	0.810338	-1.23405	0.950337	1.00851	1.00851	0.246438	1.17933	1.17933	0.939383	1.0104	1.0104	0.00316207	0.577639	-1.73118
cg24282845	DDR1;DDR1;DDR1	0.00927649	0.0145752	0.754447	-1.32547	0.00137048	1.54486	1.54486	0.0399729	1.249	1.249	0.290833	1.10812	1.10812	0.110362	0.849629	-1.17698
cg25943433	DDR1;DDR1;DDR1	0.00956171	0.00475927	0.563829	-1.77359	0.464337	1.12058	1.12058	0.649191	0.932386	-1.07252	0.0552705	1.39397	1.39397	0.107919	1.30755	1.30755
cg01936707	DDR1;DDR1;DDR1	0.037754	0.159556	1.63682	1.63682	0.287567	0.696288	-1.43619	0.00746112	0.323221	-3.09386	0.119565	1.73971	1.73971	0.779223	1.09651	1.09651
cg20335906	DDR1;DDR1;DDR1	0.0461613	0.0355164	1.8167	1.8167	0.0759724	1.61882	1.61882	0.881728	0.964337	-1.03698	0.542545	1.16225	1.16225	0.104972	1.54058	1.54058
cg17217691	DDR2;DDR2	8.23E-05	1.29E-05	0.279183	-3.58189	0.000757246	0.491119	-2.03617	0.000840916	0.496859	-2.01264	0.00396467	0.583002	-1.71526	0.000220276	0.424294	-2.35685
cg17496788	DDR2;DDR2	0.000188447	5.03E-05	0.107453	-9.30642	0.00432792	0.326617	-3.06169	0.00971078	0.382953	-2.61129	0.0189205	0.434307	-2.30252	0.000139741	0.145155	-6.8892
cg00819233	DDR2;DDR2	0.000494631	5.18E-05	0.0686144	-14.5742	0.0194646	0.368072	-2.71686	0.0139426	0.341406	-2.92906	0.0107441	0.321663	-3.10885	0.00167007	0.203767	-4.90758
cg21880888	DDR2;DDR2	0.0211598	0.0251176	0.189555	-5.27553	0.0016918	0.0607777	-16.4534	0.0466603	0.241199	-4.14595	0.303505	0.5141	-1.94515	0.0221944	0.180573	-5.53792
cg06524213	DDR2;DDR2	0.0499933	0.307401	0.725631	-1.37811	0.106942	0.58614	-1.70608	0.00646856	0.341423	-2.92892	0.517129	1.22061	1.22061	0.0159364	0.408241	-2.44953
cg11226289	DDRGK1	3.54E-05	2.02E-05	0.457436	-2.1861	0.0426501	1.23579	1.23579	0.122547	0.859167	-1.16392	0.745701	1.02996	1.02996	2.53E-06	0.356085	-2.80832
cg18635110	DDRGK1	0.000770163	0.00706471	0.802451	-1.24618	0.334771	0.939052	-1.0649	0.542496	0.961776	-1.03974	0.000827481	1.3748	1.3748	6.45E-05	0.628632	-1.59075
cg27583383	DDRGK1	0.00142133	0.000427156	0.22345	-4.47527	0.174446	0.678289	-1.4743	0.831578	0.944376	-1.0589	0.0228314	0.48097	-2.07913	0.00017177	0.179877	-5.55936
cg03524630	DDRGK1	0.00252269	0.503792	1.09493	1.09493	0.0244176	0.698752	-1.43112	0.308644	0.868622	-1.15125	?	?	?	0.0174644	0.679266	-1.47218
cg18404039	DDRGK1	0.00268254	0.0410525	1.14565	1.14565	3.81E-05	1.57747	1.57747	0.667867	1.02521	1.02521	0.343327	1.05792	1.05792	0.669924	0.975574	-1.02504
cg23574838	DDRGK1	0.00522641	0.307187	0.795995	-1.25629	0.00244099	0.402407	-2.48505	0.554143	1.13787	1.13787	0.454685	0.848431	-1.17865	0.000429488	0.300385	-3.32906
cg09319291	DDRGK1	0.00656545	0.214146	0.706555	-1.41532	0.0713073	0.585688	-1.70739	0.342967	0.771461	-1.29624	0.00128281	0.28745	-3.47886	0.00217954	0.319221	-3.13263
cg08661003	DDRGK1	0.0179514	0.30491	0.739027	-1.35313	0.0409945	0.511036	-1.95681	0.0647913	1.80466	1.80466	0.992421	0.9973	-1.00271	0.0132677	0.417458	-2.39545
cg09664220	DDT;GSTT2	0.0125072	0.0651802	0.690975	-1.44723	0.00202157	0.459557	-2.17601	0.0113831	0.568006	-1.76055	0.998885	1.00025	1.00025	0.0419981	0.658094	-1.51954
cg16132339	DDTL;DDT;DDT	0.000963533	0.881019	1.04216	1.04216	0.124671	1.58136	1.58136	0.419339	0.796537	-1.25543	0.318503	0.752589	-1.32875	1.14E-05	0.0766221	-13.0511
cg11502844	DDX1	0.000436213	0.000341937	0.177801	-5.62428	0.00101794	0.23742	-4.21195	0.026616	0.474187	-2.10887	0.289328	1.35763	1.35763	0.00062986	0.210015	-4.76156
cg01104051	DDX10	9.60E-06	3.28E-06	0.176306	-5.67195	0.545604	0.908	-1.10132	7.00E-05	0.318115	-3.14351	0.109697	0.759456	-1.31673	1.16E-05	0.230687	-4.33487
cg01843131	DDX10	4.81E-05	3.41E-06	0.441806	-2.26343	0.552985	1.04583	1.04583	0.00752188	0.773527	-1.29278	0.201933	0.904302	-1.10583	0.000314226	0.6466	-1.54655
cg14592260	DDX10	0.00144135	0.00474918	0.462139	-2.16385	0.329077	0.812739	-1.23041	0.00169322	0.397212	-2.51755	0.00433972	0.456281	-2.19163	9.64E-05	0.239785	-4.1704
cg15001431	DDX10	0.00214754	0.01968	1.91703	1.91703	0.014564	0.499067	-2.00374	0.000617802	0.296036	-3.37797	0.192287	0.727047	-1.37543	0.000866796	0.315219	-3.1724
cg24415278	DDX10	0.00380711	0.0224553	0.448757	-2.22838	0.00534898	0.341272	-2.93021	0.00409021	0.323354	-3.09259	0.037168	0.492157	-2.03187	0.00104689	0.24137	-4.14301
cg11635125	DDX10	0.00492086	0.0370836	0.57928	-1.72628	0.596866	1.12793	1.12793	0.489146	0.853445	-1.17172	0.74265	0.928381	-1.07714	0.000316591	0.268263	-3.72768
cg24936630	DDX10	0.00519894	0.128449	0.775578	-1.28936	0.04929	1.4149	1.4149	0.00653292	1.72727	1.72727	0.0159264	1.57863	1.57863	0.00187567	0.505608	-1.97782
cg11778756	DDX10	0.0169264	0.0982338	0.423951	-2.35876	0.0503266	0.347964	-2.87386	0.00206663	0.128378	-7.78952	0.713829	1.19039	1.19039	0.0017609	0.121414	-8.23627
cg17176946	DDX10	0.022881	0.410638	1.18339	1.18339	0.0121152	0.534766	-1.86998	0.00180693	0.411471	-2.43031	0.977474	0.994365	-1.00567	0.89414	0.973707	-1.027
cg22776369	DDX10	0.0229064	0.747155	1.086	1.086	0.223835	0.721859	-1.38531	0.853916	0.95408	-1.04813	0.795635	0.935946	-1.06844	0.00558488	0.395265	-2.52995
cg24631920	DDX10	0.0246712	0.378927	0.83814	-1.19312	0.0391032	1.59529	1.59529	0.0126207	1.83418	1.83418	0.0356825	1.61315	1.61315	0.547252	1.12653	1.12653
cg22703975	DDX10	0.0364754	0.775732	1.11313	1.11313	0.0168133	0.334651	-2.98819	0.24185	0.631506	-1.58352	0.851278	1.07296	1.07296	0.00110995	0.164798	-6.06802
cg25984791	DDX10	0.0483114	0.328904	1.10684	1.10684	0.0868159	1.20988	1.20988	0.00288365	1.51108	1.51108	0.534872	0.938652	-1.06536	0.0857254	1.21085	1.21085
cg23074401	DDX10;DDX10	0.0203619	0.00900326	0.760505	-1.31492	0.0119993	0.772333	-1.29478	0.0106266	0.767332	-1.30322	0.129214	0.873585	-1.14471	0.100064	0.861958	-1.16015
cg23950454	DDX11;DDX11;DDX11	0.0281438	0.23395	0.697697	-1.43329	0.038115	0.499864	-2.00054	0.00804254	0.375498	-2.66313	0.600186	0.858499	-1.16482	0.0173758	0.433617	-2.30618
cg27277212	DDX11;DDX11;DDX11	0.0292297	0.0632208	0.564367	-1.7719	0.87713	1.04327	1.04327	0.228346	0.707385	-1.41366	0.500642	0.829302	-1.20583	0.00690663	0.383908	-2.60479
cg10424892	DDX12	0.000465611	0.18873	0.61849	-1.61684	5.41E-05	0.0744972	-13.4233	0.00384423	0.260749	-3.83511	0.00473639	0.274042	-3.64907	0.782336	0.908865	-1.10027
cg23587005	DDX12	0.00141239	0.901684	0.98495	-1.01528	0.0154804	1.43969	1.43969	0.0126994	1.46231	1.46231	0.0616363	1.29472	1.29472	0.490375	1.08977	1.08977
cg03131155	DDX12	0.0030072	0.167639	0.460279	-2.1726	?	?	?	0.000255868	0.0417172	-23.9709	?	?	?	?	?	?
cg03529744	DDX12	0.0039827	0.250454	0.919558	-1.08748	0.0549073	1.16418	1.16418	0.380069	1.0649	1.0649	0.240779	1.08954	1.08954	0.0347123	0.842051	-1.18758
cg22349387	DDX12	0.0138377	0.000918159	0.190327	-5.25412	0.542212	0.813308	-1.22955	0.946851	1.02258	1.02258	0.468803	0.781238	-1.28002	0.0111852	0.344768	-2.9005
cg15238008	DDX12	0.0321935	0.211723	1.23848	1.23848	0.782708	0.956049	-1.04597	0.193375	0.799507	-1.25077	0.248156	0.821786	-1.21686	0.0942523	0.741497	-1.34862
cg12891197	DDX17;DDX17	0.00881582	?	?	?	?	?	?	?	?	?	0.570094	0.774981	-1.29035	?	?	?
cg03373091	DDX17;DDX17	0.0365265	0.237182	1.20813	1.20813	0.308233	1.17471	1.17471	0.668439	1.06799	1.06799	0.301477	0.849213	-1.17756	0.300226	1.17809	1.17809
cg15641675	DDX17;DDX17;DDX17;DDX17	5.30E-05	0.798584	0.982687	-1.01762	0.00629744	1.27511	1.27511	0.00206941	1.34478	1.34478	0.00607148	0.782932	-1.27725	0.133045	1.11705	1.11705
cg26076280	DDX17;DDX17;DDX17;DDX17	0.000934858	0.00181745	3.20776	3.20776	0.0610895	1.74189	1.74189	0.395895	1.25685	1.25685	0.029347	1.96374	1.96374	0.00150045	0.300251	-3.33055
cg02917540	DDX17;DDX17;DDX17;DDX17	0.00193139	0.175366	0.73702	-1.35681	0.709928	0.923938	-1.08232	0.754472	0.935729	-1.06869	0.000519008	0.31782	-3.14643	0.000246334	0.277432	-3.60449
cg22576083	DDX17;DDX17;DDX17;DDX17	0.0287078	0.109442	1.42046	1.42046	0.0437866	1.59369	1.59369	0.00552959	2.08185	2.08185	0.032671	1.65314	1.65314	0.102496	1.43237	1.43237
cg18897345	DDX17;DDX17;DDX17;DDX17	0.0389998	0.193749	1.6856	1.6856	0.0381824	2.48999	2.48999	0.0567272	2.26803	2.26803	0.0796177	2.09327	2.09327	0.021553	0.350616	-2.85213
cg20715219	DDX17;DDX17;DDX17;DDX17	0.0405812	0.397285	0.599203	-1.66888	0.343751	1.78355	1.78355	?	?	?	0.00756404	0.0914737	-10.9321	0.770512	0.843265	-1.18587
cg10103639	DDX18	0.0147304	0.861445	0.951849	-1.05059	0.0316845	0.490911	-2.03703	0.000539911	0.218709	-4.57229	0.317642	1.33883	1.33883	0.274798	0.725445	-1.37846
cg11393119	DDX18	0.0235709	0.526888	1.13864	1.13864	0.110155	1.42276	1.42276	0.0455349	1.59103	1.59103	0.100754	0.694872	-1.43911	0.10953	0.702347	-1.4238
cg17364743	DDX18	0.0427636	0.0308441	0.590089	-1.69466	0.0783398	1.50208	1.50208	0.0240247	1.7507	1.7507	0.903464	1.02556	1.02556	0.0512465	0.630145	-1.58694
cg09382693	DDX19A	0.0224948	0.15687	0.500679	-1.99729	0.0220474	0.285201	-3.5063	0.00532544	0.186831	-5.35243	0.197768	0.536876	-1.86263	0.0367474	0.330024	-3.03008
cg11093356	DDX19A	0.0232917	0.0686169	1.28773	1.28773	0.109243	1.24193	1.24193	0.00133431	1.78367	1.78367	0.380372	0.894371	-1.1181	0.0452839	0.752072	-1.32966
cg10468369	DDX19B;DDX19B;DDX19B	0.000573179	0.0183798	0.735306	-1.35998	0.765216	0.968324	-1.03271	0.157702	1.17628	1.17628	0.711101	1.04079	1.04079	0.677941	0.95611	-1.04591
cg08472247	DDX19B;DDX19B;DDX19B	0.0339443	0.0102074	0.373221	-2.67938	0.114663	1.68555	1.68555	0.434731	1.27447	1.27447	0.0573815	0.519897	-1.92346	0.191124	1.5238	1.5238
cg21693780	DDX1;DDX1	0.0327296	0.0802212	1.12166	1.12166	0.0336027	1.15816	1.15816	0.0509263	1.14059	1.14059	0.151575	1.09515	1.09515	0.0103441	1.21056	1.21056
cg03966708	DDX20	0.00687915	0.232885	1.2144	1.2144	0.503684	0.899983	-1.11113	0.0694472	1.37075	1.37075	0.00472991	1.79092	1.79092	0.196292	0.808821	-1.23637
cg00160914	DDX20;C1orf183	0.0245998	0.121613	0.659711	-1.51582	0.102584	0.642278	-1.55696	0.623671	1.1304	1.1304	0.519316	0.850514	-1.17576	0.151182	0.683011	-1.4641
cg03335557	DDX20;C1orf183	0.0428316	0.14109	0.588443	-1.6994	0.453319	0.774204	-1.29165	0.0873992	0.531426	-1.88173	0.346224	0.722551	-1.38399	0.0193453	0.387693	-2.57936
cg12436626	DDX20;DDX20;C1orf183	0.0499303	0.0860851	0.814196	-1.22821	0.091347	1.22326	1.22326	0.010775	1.4151	1.4151	0.477989	0.924792	-1.08132	0.295512	0.889075	-1.12476
ch.10.1452314f	DDX21	8.68E-05	0.000573064	0.424761	-2.35426	0.00588369	1.78388	1.78388	?	?	?	0.000179523	0.361088	-2.76941	0.610579	0.920834	-1.08597
cg23516589	DDX21	0.000459499	0.000498328	0.257627	-3.88158	0.976553	0.99271	-1.00734	0.0309433	0.532187	-1.87904	0.309079	0.769445	-1.29964	3.68E-05	0.138514	-7.21951
cg05671732	DDX21	0.000529773	0.0468707	0.653553	-1.5301	0.575826	0.89972	-1.11146	0.0127597	1.78321	1.78321	0.0502585	0.658868	-1.51775	0.261438	1.24475	1.24475
cg02393449	DDX21	0.00196464	0.0271111	0.414134	-2.41468	0.000456163	0.155582	-6.42747	0.00399019	0.271425	-3.68425	0.427234	0.760971	-1.31411	0.00214427	0.233902	-4.2753
cg25109024	DDX21	0.0123012	0.406848	0.900397	-1.11062	0.0847566	1.26582	1.26582	0.0390924	1.34349	1.34349	0.106761	0.804327	-1.24327	0.740956	0.959808	-1.04187
cg07163475	DDX21	0.0223662	0.00394065	0.059387	-16.8387	0.064395	0.22031	-4.53906	0.0582089	0.210464	-4.75142	0.131801	0.305967	-3.26832	0.0299516	0.155759	-6.41877
cg00270594	DDX21	0.0290826	0.0215364	0.600602	-1.66499	0.894278	0.975745	-1.02486	0.773098	1.05484	1.05484	0.278379	0.812082	-1.2314	0.51361	0.884849	-1.13014
cg11820931	DDX21	0.0383717	0.0248676	0.110748	-9.02947	0.0105006	0.0703813	-14.2083	0.0449218	0.150064	-6.66383	0.128926	0.258669	-3.86594	0.0465853	0.152882	-6.54099
cg23461604	DDX23	0.000166713	0.0775701	0.746225	-1.34008	0.00349832	0.553698	-1.80604	0.61107	0.926328	-1.07953	0.128507	1.27781	1.27781	1.42E-05	0.259288	-3.85671
cg22587238	DDX23	0.000521626	0.0701927	0.788801	-1.26775	0.000899685	0.558559	-1.79032	0.334381	0.889862	-1.12377	0.924493	1.01117	1.01117	0.00201466	0.6001	-1.66639
cg26663063	DDX23	0.00168963	0.976714	0.995885	-1.00413	0.0351097	1.41454	1.41454	4.93E-05	0.34059	-2.93608	0.397857	0.884884	-1.13009	0.890358	0.980703	-1.01968
cg15093194	DDX23	0.0069202	0.00697608	0.521289	-1.91832	0.998738	0.999705	-1.0003	0.475121	1.14519	1.14519	0.314871	1.2141	1.2141	0.000869122	0.393507	-2.54125
cg03140866	DDX23	0.0115973	0.467344	1.53328	1.53328	0.421968	0.622055	-1.60757	0.304641	0.538857	-1.85578	0.660116	0.775124	-1.29012	0.827858	1.13331	1.13331
cg06629549	DDX23	0.0146152	0.793479	0.930035	-1.07523	0.00730081	2.60232	2.60232	0.0322002	2.00075	2.00075	0.952111	0.983534	-1.01674	0.209189	0.693543	-1.44187
cg10991637	DDX24	0.0213627	0.586362	0.874445	-1.14358	0.0564515	1.69451	1.69451	0.0319654	1.84728	1.84728	0.0299202	1.86599	1.86599	0.0354507	0.549925	-1.81843
cg26240433	DDX24;IFI27L1;IFI27L1	0.000190121	0.00352288	0.284861	-3.51048	0.009871	2.81465	2.81465	0.00257598	3.76673	3.76673	0.30883	1.39693	1.39693	0.000407723	0.168228	-5.9443
cg00793648	DDX24;IFI27L1;IFI27L1	0.00358048	0.0221954	0.315027	-3.17433	0.320071	0.64864	-1.54169	0.177565	0.546786	-1.82887	0.779365	1.12561	1.12561	0.00269042	0.174223	-5.73978
cg01661494	DDX24;IFI27L1;IFI27L1	0.00689697	0.0231285	3.96443	3.96443	0.740831	1.18334	1.18334	0.0479209	0.317605	-3.14856	0.0271087	3.76913	3.76913	0.00208983	8.99048	8.99048
cg12180372	DDX24;IFI27L1;IFI27L1	0.0100113	0.480251	0.907973	-1.10135	0.331553	1.14429	1.14429	0.0118912	1.52561	1.52561	0.465554	1.10508	1.10508	0.100963	0.785316	-1.27337
cg19744906	DDX24;IFI27L1;IFI27L1	0.0429195	0.937128	1.01562	1.01562	0.0615548	1.51231	1.51231	0.00220421	2.32308	2.32308	0.543935	1.12823	1.12823	0.0521224	1.54332	1.54332
cg09760666	DDX25	0.0145106	0.0241811	1.56352	1.56352	0.937364	1.01315	1.01315	0.0256386	0.643499	-1.554	0.433792	1.14203	1.14203	0.320743	1.18601	1.18601
cg04609163	DDX25;PUS3	0.0010049	0.0108184	1.56356	1.56356	0.32774	0.868431	-1.1515	0.00012868	0.394768	-2.53314	0.00432848	0.587127	-1.70321	0.00232495	0.552212	-1.8109
cg19007412	DDX25;PUS3	0.00150551	0.115846	1.75218	1.75218	0.0697704	1.94539	1.94539	0.865049	0.945711	-1.05741	0.91262	1.03668	1.03668	0.965053	0.985725	-1.01448

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22228205	0.0498104	1.57522	1.57522	0.227777	0.773275	-1.2932	0.0436005	1.60189	1.60189	0.692766	1.08399	1.08399	3.95725	2.58499	0.580649	1
cg20000539	0.571177	0.875417	-1.14231	0.0100218	0.469648	-2.12925	0.5952	0.882785	-1.13278	0.0228485	0.530906	-1.88357	7.15916	6.12874	0.760951	1
cg04218418	0.300175	1.43345	1.43345	0.675111	0.868159	-1.15186	0.755749	1.11032	1.11032	0.814609	1.08197	1.08197	17.0451	30.3656	1.58354	1
cg17340655	0.762218	1.05097	1.05097	4.43E-05	0.281468	-3.5528	0.232626	1.2276	1.2276	0.68776	1.06843	1.06843	10.3178	4.38605	0.377862	1
cg03482339	0.00421277	2.54688	2.54688	0.288972	0.772997	-1.29367	0.00702182	0.42949	-2.32834	0.512962	1.16725	1.16725	8.48698	7.11807	0.652326	1
cg17139035	0.000484782	0.281218	-3.55596	0.573191	1.14112	1.14112	0.916685	0.976025	-1.02456	0.565305	0.873895	-1.1443	6.74393	5.74432	0.757135	1
cg16937126	0.314318	0.892305	-1.12069	0.000605697	0.56052	-1.78406	0.423268	0.91433	-1.0937	0.309327	0.891178	-1.12211	5.46347	1.03761	0.168816	1
cg17513198	0.713675	0.924797	-1.08132	0.00371259	0.435345	-2.29703	0.00829209	0.488696	-2.04626	0.203109	1.32979	1.32979	4.80376	3.42402	0.633581	1
cg04500377	0.0981973	1.86898	1.86898	0.220764	0.64156	-1.5587	0.0284213	2.43958	2.43958	0.105492	1.84003	1.84003	4.27504	8.04915	1.67362	1
cg12859234	0.802658	0.97189	-1.02892	0.107154	1.22171	1.22171	0.0431752	1.30326	1.30326	0.000426779	1.88717	1.88717	8.45304	1.73574	0.182524	1
cg09315468	0.582173	0.901748	-1.10896	0.0169502	0.581586	-1.71944	0.0471459	1.52616	1.52616	0.000913422	0.397499	-2.51573	6.14493	3.3709	0.487615	1
cg20338628	0.976949	1.00711	1.00711	0.000253224	0.227726	-4.39124	0.853768	1.04631	1.04631	0.0100509	0.450644	-2.21905	5.8297	5.55754	0.847391	1
ch.1.543953R	0.674903	1.13678	1.13678	0.0847696	0.560268	-1.78486	0.0873388	0.563465	-1.77473	0.502161	0.81302	-1.22998	6.03344	8.82616	1.30033	1
cg11557658	0.00695703	0.751106	-1.33137	0.0674369	1.18289	1.18289	0.141752	0.878536	-1.13826	0.0649356	1.18518	1.18518	9.29558	0.989165	0.0945888	1
cg15055395	0.65382	0.851671	-1.17416	0.0759515	2.01867	2.01867	0.942911	0.974849	-1.0258	0.0362024	0.420504	-2.3781	7.35794	14.7418	1.78091	1
cg20727555	0.0705598	0.685417	-1.45897	0.00244988	0.454847	-2.19854	0.923437	1.01813	1.01813	0.32319	0.826359	-1.21013	4.94458	2.73584	0.491823	1
cg13148824	0.0521156	0.509256	-1.96365	0.933919	1.02565	1.02565	0.00212987	0.267576	-3.73726	0.612808	0.85567	-1.16867	4.86964	7.19491	1.31334	1
cg25914663	0.337174	1.16778	1.16778	0.265025	0.833532	-1.19971	0.542725	1.1014	1.1014	0.472688	1.1213	1.1213	10.9374	4.25621	0.345905	1
cg20088969	0.859689	1.01009	1.01009	0.000238858	0.708189	-1.41205	0.44508	1.04515	1.04515	0.429929	1.04676	1.04676	6.98338	0.355848	0.0452945	1
cg27144485	0.759109	0.939888	-1.06396	0.00339114	0.448031	-2.23199	0.375716	0.832572	-1.2011	0.126154	1.39588	1.39588	3.95617	2.54545	0.571921	1
cg18714412	0.414334	1.1576	1.1576	0.808304	0.958266	-1.04355	0.0646335	0.694883	-1.43909	0.262643	1.22732	1.22732	5.06004	2.46499	0.433021	1
cg18603154	0.670176	1.09186	1.09186	0.129886	0.714911	-1.39878	0.977535	1.00579	1.00579	0.396698	1.19485	1.19485	4.36417	2.90815	0.59233	1
cg12566138	0.794203	0.951216	-1.05129	0.130993	1.36611	1.36611	0.309169	1.22306	1.22306	0.538435	0.887662	-1.12656	4.25442	2.46623	0.515277	1
cg20513643	0.000131157	0.188958	-5.29217	0.0297387	1.90057	1.90057	0.012453	0.458137	-2.18275	0.180337	1.42919	1.42919	9.66056	9.64017	0.887012	1
cg24707051	0.117947	0.697234	-1.43424	0.000177148	0.25923	-3.85758	0.0137908	0.523806	-1.90911	0.0242023	0.565055	-1.76974	8.52494	6.09246	0.635256	1
cg01915076	0.961519	1.00726	1.00726	0.000202601	0.392926	-2.54501	0.891119	1.02074	1.02074	0.678654	0.939462	-1.06444	6.45331	2.29634	0.316302	1
cg03008550	0.0319596	0.313513	-3.18966	0.00181367	0.129189	-7.74062	0.00292679	0.151614	-6.59571	0.0478087	0.351923	-2.84153	6.32076	21.3217	2.99847	1
cg05978988	0.990995	1.00211	1.00211	0.00071472	0.381808	-2.61912	0.0770937	0.692576	-1.44388	0.723585	0.935792	-1.06861	5.40193	2.98791	0.491661	1
cg20260607	0.0568581	2.79333	2.79333	0.0112453	4.54324	4.54324	0.833463	1.10556	1.10556	0.133834	2.16113	2.16113	5.0747	18.2579	3.19808	1
cg14298966	0.667744	1.25462	1.25462	0.0340946	3.66581	3.66581	0.0274119	3.93761	3.93761	0.871914	0.918735	-1.08845	4.05047	15.7342	3.88453	1
cg00757327	0.583608	1.4528	1.4528	0.0222495	6.35253	6.35253	0.00799749	9.90905	9.90905	0.0188684	6.81469	6.81469	3.40682	24.5644	6.40923	1
cg07236939	2.31E-06	0.116647	-8.57284	0.600704	1.10356	1.10356	0.0634021	0.677372	-1.47629	0.0756743	0.691455	-1.44623	40.2512	22.1977	0.490203	1
cg00083206	0.0151148	0.615362	-1.62506	1.89E-05	4.1169	4.1169	0.000634328	2.34825	2.34825	0.00124476	2.15378	2.15378	24.8778	10.4226	0.372402	1
cg01119278	0.0158273	1.71985	1.71985	4.45E-06	6.94298	6.94298	0.000373818	2.84009	2.84009	0.00632214	1.91989	1.91989	17.4669	9.309	0.473733	1
cg19196401	0.622534	1.10292	1.10292	3.43E-05	4.86788	4.86788	6.63E-05	4.23781	4.23781	0.00311216	2.22198	2.22198	17.0878	10.5488	0.548735	1
cg13266496	0.748885	0.913581	-1.09459	3.71E-05	9.32017	9.32017	0.000200807	5.78983	5.78983	0.0470394	1.89583	1.89583	13.254	16.6246	1.11494	1
cg23891903	0.070792	0.652857	-1.53173	0.0290969	1.72151	1.72151	0.482662	1.16265	1.16265	0.511378	0.868768	-1.15105	8.96122	6.33114	0.628004	1
cg26155617	0.660065	1.0925	1.0925	0.0888727	1.45513	1.45513	0.00200779	0.418376	-2.39019	0.999434	0.999858	-1.00014	5.24131	3.31645	0.562447	1
cg08911391	0.273252	0.617432	-1.61961	0.000858947	0.120412	-8.30479	0.00330678	0.184138	-5.43072	0.0571917	0.402565	-2.48407	6.06174	17.1694	2.5177	1
cg12743621	0.0893332	0.457149	-2.18747	0.00249682	0.172842	-5.78564	0.0149169	0.286249	-3.49347	0.032706	0.351998	-2.84093	5.29435	14.639	2.4578	1
cg24876897	0.0883954	0.370242	-2.70094	0.00236067	0.10627	-9.40995	0.0062981	0.152493	-6.55766	0.0411076	0.287784	-3.47483	5.19174	22.9682	3.93244	1
cg08951271	0.946715	0.975058	-1.02558	0.131471	0.54045	-1.85031	0.713395	1.1496	1.1496	0.750718	0.886521	-1.128	4.95833	11.2152	2.01057	1
cg03270204	0.0277127	1.62159	1.62159	0.000518655	0.365779	-2.73389	0.000103571	3.58055	3.58055	0.677803	1.0807	1.0807	14.9112	8.14901	0.485781	1
cg16537676	0.977932	1.00958	1.00958	0.000162553	0.108734	-9.19677	0.0114571	2.97668	2.97668	0.712276	0.880099	-1.13624	8.89093	16.74	1.67361	1
cg16707952	0.266653	1.2989	1.2989	0.00175357	0.365082	-2.73911	0.00218041	2.64182	2.64182	0.796407	0.943252	-1.06016	7.72411	6.24622	0.718814	1
cg14279856	0.00369094	2.78447	2.78447	0.027194	0.505501	-1.97824	0.595758	0.869597	-1.14996	0.660439	0.89104	-1.12228	6.3404	6.83868	0.958745	1
cg23953820	0.116284	1.53369	1.53369	0.00162389	0.322478	-3.10099	0.232386	1.36864	1.36864	0.0180277	0.486784	-2.0543	5.01224	4.98439	0.88395	1
cg11975790	0.00852055	0.189754	-5.26998	0.872719	1.08261	1.08261	0.800635	0.882259	-1.13345	0.53363	1.3663	1.3663	4.19553	16.2855	3.45034	1
cg10470808	0.015271	0.654989	-1.52674	0.0474223	1.38011	1.38011	0.783975	1.03981	1.03981	0.748667	1.04672	1.04672	3.85458	1.23186	0.284074	1
cg07265873	0.235357	0.737761	-1.35545	0.261714	0.751106	-1.33137	0.269973	1.32432	1.32432	0.0213278	1.96717	1.96717	3.78599	3.58577	0.841881	1
cg20560640	5.25E-08	0.214727	-4.65709	4.70E-07	0.313	-3.19489	0.0191348	1.26161	1.26161	0.171736	1.12664	1.12664	102.572	10.913	0.0945719	1
cg13799856	0.555166	0.901012	-1.10986	0.318558	1.19728	1.19728	0.609571	1.09413	1.09413	0.077828	0.710152	-1.40815	12.7271	6.14885	0.429448	1
cg02313535	0.000652166	0.323219	-3.09388	0.99683	0.999142	-1.00086	0.898602	0.972825	-1.02793	0.0128372	0.51283	-1.94997	10.995	8.13268	0.657486	1
cg14790552	0.000994458	0.150382	-6.64973	0.000486299	0.120249	-8.31606	0.318206	1.49133	1.49133	0.0667961	0.451077	-2.21692	8.82764	20.982	2.11276	1
cg27237814	0.101487	0.685779	-1.4582	0.00439171	0.449255	-2.22591	0.006244	2.11655	2.11655	0.662789	0.911827	-1.0967	7.65999	5.36901	0.623037	1
cg14928451	0.00161603	0.540573	-1.84989	0.0140679	1.51063	1.51063	0.649895	1.06416	1.06416	0.102995	0.784475	-1.27474	6.62138	1.94215	0.260724	1
cg24282845	0.184633	0.876534	-1.14086	0.670623	1.04088	1.04088	0.280309	0.90023	-1.11083	0.133368	1.16374	1.16374	6.0539	0.840989	0.123482	1
cg25943433	0.00325253	1.84676	1.84676	0.6957	1.06193	1.06193	0.174577	1.24702	1.24702	0.0412987	0.697802	-1.43307	5.99581	2.21909	0.328984	1
cg01936707	0.194761	0.63785	-1.56777	0.696186	1.13729	1.13729	0.0175538	2.57912	2.57912	0.992636	1.00303	1.00303	3.76206	6.40369	1.51305	1
cg20335906	0.0329718	1.83733	1.83733	0.821432	1.05669	1.05669	0.00611531	2.39358	2.39358	0.0200285	1.9829	1.9829	3.49199	3.29061	0.837627	1
cg17217691	0.240767	0.842794	-1.18653	0.00457763	1.69171	1.69171	0.000277336	0.436639	-2.29022	0.431656	0.89425	-1.11826	23.3264	7.1653	0.273045	1
cg17496788	0.00252341	0.29217	-3.42267	0.0114717	2.52947	2.52947	0.000317313	0.180659	-5.5353	0.843845	0.943778	-1.05957	18.6698	25.4555	1.21196	1
cg00819233	0.0464085	0.446073	-2.24178	0.0292673	2.48132	2.48132	0.000314246	0.126606	-7.89852	0.195139	0.615767	-1.62399	14.3334	28.425	1.76278	1
cg21880888	0.0455788	0.239016	-4.18382	0.0311079	0.206065	-4.85283	0.0188066	0.169159	-5.9116	0.256482	0.477385	-2.09474	4.61506	28.4872	5.48681	1
cg06524213	0.306904	0.725375	-1.3786	0.0845369	0.560383	-1.78449	0.76383	0.912595	-1.09578	0.0279108	0.454502	-2.20021	3.3883	4.9442	1.29706	1
cg11226289	0.0029159	0.69002	-1.44923	0.000239457	0.576019	-1.73605	0.000946458	0.639448	-1.56385	0.0521187	0.818392	-1.22191	29.1515	3.79929	0.115848	1
cg18635110	0.290501	0.933002	-1.07181	0.0329855	0.854158	-1.17074	0.181236	0.914179	-1.09388	0.279724	1.07362	1.07362	12.6668	0.801727	0.056261	1
cg27583383	0.000630382	0.243708	-4.10328	0.0211079	0.474622	-2.10694	0.650545	0.884664	-1.13037	0.0670572	0.576042	-1.73598	10.6432	12.1718	1.01656	1
cg03524630	0.0310562	0.712948	-1.40263	0.000205995	2.29564	2.29564	0.750195	1.04362	1.04362	0.530882	0.918647	-1.08856	9.21117	2.31701	0.251543	1
cg18404039	0.173701	1.08706	1.08706	0.533413	0.964274	-1.03705	0.23336	0.93047	-1.07473	0.148852	1.0934	1.0934	8.84632	0.46604	0.0468283	1
cg23574838	0.0391561	1.67395	1.67395	0.462909	1.17501	1.17501	0.517188	0.86785	-1.15227	0.392082	1.20834	1.20834	7.23992	5.34182	0.655848	1
cg09319291	0.0234172	0.487152	-2.05275	0.00178865	0.307155	-3.25569	0.622663	1.14079	1.14079	0.470976	0.823033	-1.21502	6.74835	7.5385	0.992966	1
cg08661003	0.0026289	0.305649	-3.27173	0.0371683	0.502253	-1.99103	0.695443	1.1185	1.1185	0.540616	0.838345	-1.19283	4.87956	6.26178	1.14068	1
cg09664220	0.679535	0.928515	-1.07699	0.0377441	1.53765	1.53765	0.0637079	0.689223	-1.45091	0.0915493	0.717676	-1.39339	5.49901	2.77651	0.44881	1
cg16132339	0.0607493	0.558315	-1.7911	0.345158	1.30741	1.30741	0.725828	0.907498	-1.10193	0.191808	0.683222	-1.46365	11.8911	14.3137	1.06999	1
cg11502844	0.000431303	0.189692	-5.27169	7.73E-05	0.111969	-8.93107	0.00400461	0.325679	-3.07051	0.0196118	0.447854	-2.23287	18.5443	21.9653	0.921257	1
cg01104051	0.000219545	0.378389	-2.64278	1.30E-06	0.140985	-7.09297	0.0175518	0.633798	-1.57779	0.000997802	0.462427	-2.1625	40.9977	16.1663	0.350508	1
cg01843131	0.0713722	0.860415	-1.16223	3.73E-05	0.553357	-1.80715	0.429914	1.062	1.062	0.0123156	1.262	1.262	26.8922	2.37384	0.0784645	1
cg14592260	0.123782	0.709549	-1.40935	0.0494404	0.630325	-1.58648	0.316723	0.808105	-1.23746	0.00111318	0.372062	-2.68772	10.6005	7.11396	0.596529	1
cg15001431	0.395589	1.22257	1.22257	0.0767931	1.57549	1.57549	0.751175	0.929158	-1.07624	0.206414	0.735055	-1.36044	9.4437	7.9791	0.751034	1
cg24415278	0.0274578	0.465663	-2.14747	0.47687	0.809001	-1.23609	0.128989	1.61728	1.61728	0.00387618	0.319838	-3.12658	7.97019	10.8398	1.20893	1
cg11635125	0.00143583	0.353641	-2.82772	0.0906513	0.656758	-1.52263	0.327867	1.25582	1.25582	0.0631703	0.62417	-1.60213	7.37441	5.94115	0.716128	1
cg24936630	0.0713002	1.36555	1.36555	0.104947	0.760303	-1.31527	0.578907	1.09058	1.09058	0.835327	1.03272	1.03272	7.2516	2.7473	0.33676	1
cg11778756	0.366271	0.644549	-1.55147	0.992095	0.995324	-1.0047	0.901889	0.943315	-1.06009	0.127786	0.458821	-2.1795	4.9767	17.6471	3.15195	1
cg17176946	0.877489	0.969598	-1.03135	0.05919	1.53164	1.53164	0.413643	0.84598	-1.18206	0.615643	1.10661	1.10661	4.49288	2.85013	0.563881	1
cg22776369	0.00123095	0.299611	-3.33766	0.203	0.70982	-1.40881	0.448246	1.21788	1.21788	0.831451	1.05587	1.05587	4.49116	4.62677	0.915728	1
cg24631920	0.556144	1.12349	1.12349	0.0135132	0.549916	-1.81846	0.0803862	1.46137	1.46137	0.32171	1.22171	1.22171	4.37733	2.65253	0.53864	1
cg22703975	0.78018	1.11069	1.11069	0.710571	0.869478	-1.15011	0.673892	0.85316	-1.17211	0.871757	0.941183	-1.06249	3.80962	8.49462	1.98203	1
cg25984791	0.966007	0.995716	-1.0043	0.432996	0.92256	-1.08394	0.200326	0.872606	-1.14599	0.318819	1.10936	1.10936	3.43257	0.551672	0.14286	1
cg23074401	0.415966	0.933757	-1.07094	0.363798	1.07997	1.07997	0.373024	1.07831	1.07831	0.0162985	0.784947	-1.27397	4.67596	0.503294	0.095675	1
cg23950454	0.0282107	0.473537	-2.11177	0.00786779	0.373926	-2.67432	0.310958	0.739025	-1.35313	0.0208366	0.448245	-2.23092	4.18023	5.50987	1.17162	1
cg27277212	0.010623	0.414925	-2.41008	0.027026	0.4883	-2.04792	0.90975	0.96943	-1.03153	0.00936005	0.405638	-2.46525	4.1247	4.8973	1.05539	1
cg10424892	0.0151443	0.357139	-2.80003	6.80E-05	0.0808629	-12.3666	0.00226529	0.229046	-4.36593	0.0242687	0.395895	-2.52592	14.5755	27.4825	1.67602	1
cg23587005	0.675559	1.053	1.053	7.85E-05	0.416308	-2.40207	0.140591	1.2147	1.2147	0.0337522	1.35555	1.35555	10.6625	2.5424	0.211949	1
cg03131155	?	?	?	0.00926873	0.175172	-5.70868	0.756529	1.17831	1.17831	0.258156	0.536605	-1.86357	9.72167	23.8086	3.91844	1
cg03529744	0.0782315	0.872298	-1.1464	0.000526701	0.685786	-1.45818	0.0873293	1.1409	1.1409	0.00637615	0.780433	-1.28134	7.86275	0.607262	0.0686513	1
cg22349387	0.0329266	0.433612	-2.30621	0.0154101	0.369431	-2.70687	0.0182021	0.382781	-2.61246	0.166647	0.610229	-1.63873	5.32022	9.4532	1.57942	1
cg15238008	0.0343787	0.669507	-1.49364	0.00371373	0.528732	-1.89132	0.0552625	0.70239	-1.42371	0.199739	1.24638	1.24638	3.98526	1.66827	0.372098	1
cg12891197	?	?	?	?	?	?	0.00317581	0.107869	-9.27049	?	?	?	14.0896	8.85393	1.57101	1
cg03373091	0.0431327	1.42653	1.42653	0.00299967	0.537196	-1.86152	0.240015	0.828758	-1.20663	0.554283	1.09563	1.09563	3.80768	1.40568	0.328152	1
cg15641675	0.0042507	0.770039	-1.29864	5.55E-06	0.496307	-2.01488	0.0118458	0.806867	-1.23936	0.000849334	1.40844	1.40844	26.2185	1.93694	0.0656685	1
cg26076280	0.0369726	0.528876	-1.8908	0.00322059	0.347505	-2.87765	0.0603926	1.74517	1.74517	0.00623937	0.391688	-2.55305	11.9932	13.1326	0.973342	1
cg02917540	0.00113118	0.362629	-2.75764	0.531314	0.874358	-1.1437	0.275882	1.27125	1.27125	0.365019	0.821124	-1.21784	9.74039	6.9163	0.631168	1
cg22576083	0.674064	1.08879	1.08879	0.0440134	1.59266	1.59266	0.00382349	2.19069	2.19069	0.462958	1.16213	1.16213	4.15107	2.65888	0.569359	1
cg18897345	0.452986	1.33682	1.33682	0.0167061	3.0323	3.0323	0.296199	1.50876	1.50876	0.688263	1.16549	1.16549	3.71759	8.48915	2.02978	1
cg20715219	0.231025	0.470246	-2.12655	0.285426	1.93835	1.93835	?	?	?	0.0317745	5.12712	5.12712	5.4156	20.721	2.73297	1
cg10103639	0.553393	0.844202	-1.18455	0.166246	1.51741	1.51741	0.469383	1.23112	1.23112	0.134165	0.63363	-1.57821	5.21184	6.58676	1.12338	1
cg11393119	0.053718	0.641723	-1.55831	0.00361801	0.450458	-2.21996	0.611283	0.901409	-1.10937	0.546423	0.883729	-1.13157	4.44707	2.88836	0.577332	1
cg17364743	0.254696	1.28072	1.28072	0.383761	1.20418	1.20418	0.900777	0.974384	-1.02629	0.0899903	1.47517	1.47517	3.59321	2.46306	0.609313	1
cg09382693	0.014707	0.253607	-3.9431	0.00864271	0.216625	-4.61628	0.152953	0.496929	-2.01236	0.0138608	0.249244	-4.01214	4.51928	14.9413	2.93877	1
cg11093356	0.688141	1.05133	1.05133	0.903402	0.98505	-1.01518	0.451768	1.09978	1.09978	0.288608	1.14645	1.14645	4.4654	1.08855	0.216688	1
cg10468369	0.466557	0.923458	-1.08289	0.885707	0.984661	-1.01558	0.0688503	1.24463	1.24463	8.56E-06	2.83091	2.83091	13.7581	2.51694	0.162615	1
cg08472247	0.128277	0.606345	-1.64923	0.630008	1.15917	1.15917	0.307974	1.37867	1.37867	0.0477957	1.99106	1.99106	3.91015	5.73476	1.30368	1
cg21693780	0.606056	1.03125	1.03125	0.0516955	0.877222	-1.13996	0.305186	0.93912	-1.06483	0.217401	1.07979	1.07979	3.96174	0.21958	0.0492668	1
cg03966708	0.504611	0.900195	-1.11087	0.0336782	0.680304	-1.46993	0.000909844	2.16031	2.16031	0.766142	1.04741	1.04741	6.65112	2.54015	0.339478	1
cg00160914	0.355196	0.789989	-1.26584	0.00185772	0.334641	-2.98828	0.00539315	0.403359	-2.47918	0.472158	1.19873	1.19873	4.38173	4.26333	0.86487	1
cg03335557	0.56238	0.82183	-1.2168	0.00208432	0.234266	-4.26865	0.901849	1.0422	1.0422	0.432127	1.30811	1.30811	3.59109	6.38314	1.58	1
cg12436626	0.535919	1.0703	1.0703	0.0710511	0.803676	-1.24428	0.517516	1.0737	1.0737	0.170282	1.1715	1.1715	3.38993	0.630658	0.165368	1
ch.10.1452314f	8.96E-06	0.213255	-4.68921	0.951826	0.990345	-1.00975	0.186515	1.25218	1.25218	0.905184	0.981046	-1.01932	23.5835	8.56218	0.363058	1
cg23516589	0.00264893	0.355087	-2.81621	0.737051	0.919524	-1.08752	0.615568	0.881568	-1.13434	0.00023208	0.218505	-4.57655	14.629	14.3617	0.872648	1
cg05671732	2.82E-05	0.214433	-4.66347	0.0037786	0.481654	-2.07618	0.0032295	0.471844	-2.11934	0.0184239	0.585945	-1.70664	14.0629	7.78371	0.491995	1
cg02393449	0.0112203	0.342784	-2.91729	0.000462565	0.156197	-6.40217	0.931644	1.02933	1.02933	0.0405173	0.450599	-2.21927	9.69213	17.4308	1.59863	1
cg25109024	0.0317592	0.732523	-1.36514	0.00365801	1.6258	1.6258	0.020541	1.41206	1.41206	0.192254	1.18609	1.18609	5.5288	1.33883	0.215249	1
cg07163475	0.227259	0.397388	-2.51643	0.00461549	0.0642988	-15.5524	0.0292945	0.15423	-6.48384	0.0240017	0.140834	-7.10056	4.5282	38.0111	7.46162	1
cg00270594	0.0478681	0.658522	-1.51855	0.00594224	0.514601	-1.94325	0.390998	1.17623	1.17623	0.0370221	1.56398	1.56398	4.13207	2.23192	0.480129	1
cg11820931	0.0643748	0.180416	-5.54275	0.0109149	0.0718569	-13.9166	0.0576946	0.170566	-5.86282	0.0513854	0.160749	-6.22087	3.73979	40.2245	9.56073	1
cg23461604	8.83E-05	0.35057	-2.8525	0.842084	1.03021	1.03021	0.855361	1.0276	1.0276	0.000444667	0.437326	-2.28662	19.2989	6.80543	0.313451	1
cg22587238	0.652683	0.948289	-1.05453	4.14E-05	0.400351	-2.49781	0.00723279	0.666175	-1.50111	0.000283129	0.498954	-2.00419	14.1235	3.07276	0.19339	1
cg26663063	0.125041	0.7909	-1.26438	0.0120553	0.642554	-1.55629	0.118035	1.27097	1.27097	0.0831486	0.762601	-1.3113	10.1257	3.2009	0.280993	1
cg15093194	0.00440233	0.491789	-2.03339	0.0231521	0.602403	-1.66002	0.431663	0.860869	-1.16162	0.100461	0.714693	-1.3992	6.6388	3.66382	0.490559	1
cg03140866	0.000422533	0.0211063	-47.3793	0.0323836	0.217272	-4.60253	0.247714	2.02457	2.02457	0.169441	2.36379	2.36379	7.5277	37.4518	3.3168	1
cg06629549	0.0236869	0.473958	-2.10989	0.945253	1.01917	1.01917	0.221554	1.42648	1.42648	0.00964563	0.4043	-2.47341	5.22537	6.32498	1.07595	1
cg10991637	0.210743	1.37992	1.37992	0.115967	1.51772	1.51772	0.00584906	2.41355	2.41355	0.949467	0.984642	-1.0156	4.60003	4.34447	0.839506	1
cg26240433	3.45E-05	0.0786448	-12.7154	0.9392	1.02451	1.02451	0.233148	1.487	1.487	0.198872	1.5386	1.5386	18.6251	29.712	1.41801	1
cg00793648	0.0258524	0.328002	-3.04876	0.000245847	0.0779264	-12.8326	0.061525	0.411737	-2.42874	0.00232163	0.166605	-6.00222	8.11835	22.823	2.49891	1
cg01661494	0.0109476	5.05062	5.05062	0.0440621	0.309318	-3.23292	0.516766	0.716487	-1.3957	0.907246	1.0609	1.0609	6.64576	27.0743	3.62126	1
cg12180372	0.045287	1.36202	1.36202	0.00092034	1.94667	1.94667	0.139631	1.23845	1.23845	0.134494	0.804846	-1.24247	5.90848	1.69379	0.254819	1
cg19744906	0.304102	1.23251	1.23251	0.440173	1.16722	1.16722	0.0136959	1.8199	1.8199	0.37673	1.19502	1.19502	3.58835	2.19255	0.543127	1
cg09760666	0.000932901	2.274	2.274	0.09243	1.36063	1.36063	0.882875	1.02482	1.02482	0.742895	0.946736	-1.05626	5.23776	2.29377	0.389271	1
cg04609163	0.0489059	0.730509	-1.36891	0.00950757	0.632085	-1.58207	0.826893	0.96988	-1.03106	0.00833443	0.624489	-1.60131	11.7502	3.62858	0.274497	1
cg19007412	2.54E-05	0.0644829	-15.508	0.0451729	0.470421	-2.12575	0.650265	0.860895	-1.16158	0.726184	1.1223	1.1223	10.4685	17.8538	1.51597	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02659232	DDX25;PUS3	0.0130084	0.49556	1.18026	1.18026	0.00248303	2.73777	2.73777	0.232176	1.34999	1.34999	0.00372976	0.391374	-2.5551	0.513021	1.17221	1.17221
cg18964159	DDX25;PUS3	0.0276541	0.0542484	0.757514	-1.32011	0.0447877	0.746141	-1.34023	0.096216	1.26141	1.26141	0.15177	1.21559	1.21559	0.0109092	0.666143	-1.50118
cg19792599	DDX25;PUS3;DDX25	0.00453922	?	?	?	0.75233	1.09496	1.09496	0.489901	1.22462	1.22462	0.00574948	3.51197	3.51197	?	?	?
cg13489054	DDX26B	0.0127127	0.813468	0.959943	-1.04173	0.0661486	0.700135	-1.4283	0.0307937	0.644874	-1.55069	0.674169	1.07588	1.07588	0.000257941	0.353377	-2.82984
cg04514385	DDX26B	0.0334788	0.547659	1.28945	1.28945	0.0143231	3.53147	3.53147	0.207432	1.7427	1.7427	0.616546	1.23484	1.23484	0.00336803	0.188933	-5.29289
cg16819604	DDX27	0.027748	0.152334	3.00908	3.00908	0.92614	1.06889	1.06889	0.925737	0.935208	-1.06928	0.10297	0.277557	-3.60286	0.0110824	0.101404	-9.86152
cg23499977	DDX27	0.0402286	0.0175542	2.21898	2.21898	0.152989	0.655679	-1.52514	0.333479	0.759476	-1.3167	0.996281	1.00129	1.00129	0.0224456	0.470392	-2.12589
cg05388765	DDX28;DDX28	0.0475822	0.544286	0.762549	-1.31139	0.00177059	0.139929	-7.14646	0.166329	0.521038	-1.91924	0.907535	1.05266	1.05266	0.858169	0.924025	-1.08222
cg06140118	DDX28;DUS2L	0.00779255	0.0432829	0.264461	-3.78127	0.0575033	3.39084	3.39084	0.30496	1.79343	1.79343	0.363182	1.66939	1.66939	0.00035941	0.023338	-42.8486
cg04960941	DDX28;DUS2L	0.0102942	0.0602554	0.812653	-1.23054	0.342409	0.908684	-1.10049	0.715096	1.03654	1.03654	0.00752546	0.71413	-1.4003	0.00777702	0.715657	-1.39732
cg06042828	DDX28;DUS2L	0.0369163	0.964767	1.01552	1.01552	0.0570512	0.472065	-2.11835	0.141029	0.57584	-1.73659	0.953227	0.979758	-1.02066	0.0297955	0.410057	-2.43869
cg14487379	DDX31	0.000860572	0.937764	0.968729	-1.03228	0.00999133	0.266238	-3.75604	0.0264358	0.342744	-2.91763	0.0225526	0.329115	-3.03845	8.78E-05	0.0572653	-17.4626
cg14012447	DDX31	0.00843633	0.598766	0.881581	-1.13433	0.00156658	0.340112	-2.94021	0.00120328	0.324352	-3.08307	0.822044	0.94793	-1.05493	0.257263	0.755288	-1.324
cg14125368	DDX31	0.0272425	0.00835922	0.213904	-4.67499	0.0180449	0.268575	-3.72335	0.018722	0.271461	-3.68376	0.0368643	0.329707	-3.033	0.0244267	0.293117	-3.41161
cg20603424	DDX31;GTF3C4;DDX31	0.000308451	0.152328	1.08061	1.08061	0.525646	1.03305	1.03305	0.407543	0.958069	-1.04377	0.000154109	1.38806	1.38806	0.00129074	1.26758	1.26758
cg09986574	DDX31;GTF3C4;DDX31	0.0216712	0.874181	1.0192	1.0192	0.00856416	0.668612	-1.49563	0.0324046	0.740352	-1.35071	0.620554	1.06173	1.06173	0.0570142	0.772223	-1.29496
cg13039704	DDX31;GTF3C4;DDX31	0.0404935	0.14171	0.761206	-1.3137	0.0828659	0.717746	-1.39325	0.330154	1.1895	1.1895	0.343516	0.844923	-1.18354	0.0145136	0.594512	-1.68205
cg19767896	DDX39	0.00213433	0.000329848	0.13472	-7.42281	0.397362	1.34932	1.34932	0.498539	1.26811	1.26811	0.00149446	0.205374	-4.86917	0.0162005	0.36176	-2.76427
cg17872763	DDX39	0.016947	0.314904	0.904189	-1.10596	0.0838855	1.20368	1.20368	0.0821776	0.82975	-1.20518	0.577442	1.05606	1.05606	0.866421	0.983817	-1.01645
cg00357593	DDX39	0.0483999	0.638502	1.05875	1.05875	0.989922	1.00152	1.00152	0.873946	0.981028	-1.01934	0.459752	0.913197	-1.09505	0.0972162	1.24556	1.24556
cg15408180	DDX3X	5.09E-05	1.24E-06	0.14227	-7.02887	0.167097	0.794712	-1.25832	0.0554937	0.712777	-1.40296	0.0506918	1.41532	1.41532	0.00183754	1.99428	1.99428
cg04820200	DDX3X	0.000552666	3.03E-05	0.0206283	-48.4772	0.0014664	8.90067	8.90067	0.965793	1.02062	1.02062	0.0158901	0.245184	-4.07857	0.0252163	0.281732	-3.54948
cg12689375	DDX3X	0.0025323	0.100909	0.76621	-1.30513	0.000130016	2.67818	2.67818	0.124229	0.781353	-1.27983	0.00287863	0.544654	-1.83603	0.629378	0.930458	-1.07474
cg21616821	DDX3X	0.00554378	?	?	?	0.2755	1.37792	1.37792	0.738319	0.913037	-1.09525	0.0389802	2.15614	2.15614	0.0404895	0.468357	-2.13513
cg09768249	DDX3X	0.0133194	0.84823	1.03809	1.03809	0.371942	0.836225	-1.19585	0.563888	1.12056	1.12056	0.0969315	0.700828	-1.42688	0.0821588	0.686772	-1.45609
cg24751934	DDX3X;DDX3X	0.00107339	0.0618546	1.75901	1.75901	0.0506895	1.81841	1.81841	0.0363755	0.520312	-1.92192	0.386143	1.26946	1.26946	0.347888	1.29636	1.29636
cg09856092	DDX3Y;DDX3Y	0.000944873	0.0510524	0.383042	-2.61068	0.049799	2.6296	2.6296	0.686808	0.846144	-1.18183	0.000123495	31.5776	31.5776	?	?	?
cg08528516	DDX3Y;DDX3Y	0.0147285	0.143818	1.24468	1.24468	?	?	?	?	?	?	?	?	?	?	?	?
cg17816615	DDX3Y;DDX3Y	0.0357691	0.0180376	0.304786	-3.28099	0.446796	0.725636	-1.3781	0.144204	0.522659	-1.91329	0.512025	1.31659	1.31659	0.849608	1.08168	1.08168
cg10825850	DDX41	0.000262009	0.117199	0.586378	-1.70538	0.711665	0.890072	-1.1235	0.310649	0.719607	-1.38965	3.16E-06	0.0312247	-32.0259	0.811081	0.927639	-1.07801
cg02259255	DDX41	0.000596931	0.847221	0.982214	-1.01811	0.0374541	0.798797	-1.25188	0.217089	0.886185	-1.12843	0.737932	0.96924	-1.03174	0.00483347	0.706266	-1.4159
cg17401635	DDX41	0.00461183	0.0168786	0.876529	-1.14086	0.119571	0.926483	-1.07935	0.00478547	0.84426	-1.18447	0.360536	1.04341	1.04341	0.0381849	0.897073	-1.11474
cg04543742	DDX41	0.00990359	0.0306571	0.640092	-1.56228	0.00233259	2.11016	2.11016	0.0455207	1.49621	1.49621	0.0162404	0.596628	-1.67609	0.821193	1.04057	1.04057
cg21897413	DDX41	0.0139875	0.92488	1.01479	1.01479	0.00104945	2.1268	2.1268	0.0629612	1.38481	1.38481	0.103568	0.75801	-1.31924	0.836634	1.03266	1.03266
cg10902427	DDX41	0.0202068	0.245373	1.1131	1.1131	0.650259	0.960547	-1.04107	0.377117	0.923188	-1.0832	0.593556	1.04865	1.04865	0.00292693	0.697358	-1.43398
cg13304760	DDX41	0.0213952	0.116454	0.761045	-1.31398	0.00052664	0.421197	-2.37419	0.26512	1.20431	1.20431	0.119053	0.76276	-1.31103	0.317396	0.847518	-1.17992
cg04067506	DDX41;DDX41	0.0164218	0.556784	0.951389	-1.05109	0.150573	1.13791	1.13791	0.166261	1.13176	1.13176	0.275901	0.90934	-1.0997	0.045173	0.824737	-1.21251
cg13676583	DDX41;DOK3;DOK3	0.0383716	0.0218377	0.318732	-3.13743	0.198258	0.568388	-1.75936	0.508892	0.756973	-1.32105	0.0706877	0.432051	-2.31454	0.0138839	0.282801	-3.53605
cg27131607	DDX42;CCDC47;DDX42	0.0086452	0.37732	1.18071	1.18071	0.000769734	0.393027	-2.54435	0.830113	1.04019	1.04019	0.790614	1.05001	1.05001	0.245805	1.24931	1.24931
cg06601766	DDX42;CCDC47;DDX42	0.0409452	0.249616	0.79494	-1.25796	0.00417212	2.07966	2.07966	0.0292795	1.63196	1.63196	0.795817	1.0507	1.0507	0.466201	0.868116	-1.15192
cg01986757	DDX42;DDX42	0.000908183	0.017099	0.316429	-3.16027	0.164671	1.7983	1.7983	0.100211	0.490194	-2.04001	0.743556	1.13878	1.13878	2.63E-05	0.0371799	-26.8962
cg03217019	DDX42;DDX42	0.00555659	0.122752	0.773434	-1.29294	0.295843	0.846586	-1.18122	0.947561	1.01016	1.01016	0.51181	1.10763	1.10763	0.00106253	0.475469	-2.10319
cg01153475	DDX42;DDX42	0.0216856	0.0318087	0.111354	-8.98036	0.900325	0.896453	-1.11551	0.225122	0.329102	-3.03857	0.476963	0.532154	-1.87915	0.00441106	0.0363202	-27.5329
cg06670550	DDX42;DDX42	0.0256047	0.0281923	0.375147	-2.66562	0.765572	1.11977	1.11977	0.100721	1.97413	1.97413	0.649309	0.840978	-1.18909	0.0705883	0.465598	-2.14777
cg11609472	DDX42;DDX42	0.0341419	0.0177396	0.159021	-6.28847	0.241886	0.457885	-2.18395	0.885253	0.912027	-1.09646	0.233223	0.450641	-2.21906	0.00817976	0.115545	-8.65463
cg14720138	DDX42;DDX42;CCDC47;DDX42;DDX42	0.000111387	0.411189	0.922622	-1.08387	0.00122267	0.635461	-1.57366	0.000740254	0.611969	-1.63407	0.397579	0.920338	-1.08656	0.608045	1.05083	1.05083
cg15301282	DDX43	4.33E-05	0.0222284	0.706815	-1.4148	1.74E-05	0.328232	-3.04663	2.81E-05	0.352332	-2.83824	5.93E-05	0.390416	-2.56137	1.90E-05	0.332593	-3.00668
cg27261494	DDX43	9.31E-05	0.787066	1.04205	1.04205	0.000401592	0.424679	-2.35472	0.000593491	0.446277	-2.24076	0.39041	0.874682	-1.14327	2.11E-06	0.169736	-5.89152
cg08277314	DDX43	0.000134866	0.052898	0.687638	-1.45425	0.00587124	1.84731	1.84731	0.16208	0.775613	-1.2893	0.114204	0.746416	-1.33974	2.33E-06	0.14103	-7.09071
cg13197732	DDX43	0.00131782	0.871537	1.04193	1.04193	0.0462575	1.78515	1.78515	0.0707974	0.59908	-1.66923	0.915406	0.973394	-1.02733	2.48E-05	0.119074	-8.39812
cg27220376	DDX43	0.00429599	0.113642	0.792551	-1.26175	0.172784	0.822041	-1.21648	0.00020721	0.432157	-2.31398	0.0723856	0.762766	-1.31102	0.000556123	0.485062	-2.06159
cg24886843	DDX43	0.00916599	0.446355	1.16076	1.16076	0.141504	0.738132	-1.35477	0.00149406	0.415036	-2.40943	0.845769	0.963289	-1.03811	0.137422	1.35969	1.35969
cg03669949	DDX43;DDX43	0.00634313	0.0046467	0.108392	-9.22575	0.0103462	0.148622	-6.72847	0.016763	0.178529	-5.60134	0.285252	1.92529	1.92529	0.00242002	0.0826746	-12.0956
cg10647441	DDX46	0.000751941	0.200621	0.774302	-1.29149	0.0237643	0.600093	-1.66641	0.00183001	0.432641	-2.31138	0.0309168	0.61909	-1.61527	0.000401938	0.344712	-2.90097
cg01784406	DDX46	0.00137562	5.08E-05	0.372106	-2.6874	0.381631	0.889724	-1.12394	0.0115526	0.662815	-1.50872	0.855945	0.976615	-1.02395	0.698863	0.95064	-1.05192
cg08633242	DDX46	0.0060191	0.0145371	0.480867	-2.07958	0.103962	0.648951	-1.54095	0.0882754	0.632891	-1.58005	0.287746	0.76456	-1.30794	0.000134254	0.200068	-4.99831
cg21962918	DDX46	0.0224579	0.732247	0.956387	-1.0456	0.186776	1.19926	1.19926	0.493845	0.913731	-1.09441	0.323888	1.14144	1.14144	0.481024	0.91119	-1.09747
cg16272868	DDX46	0.0240187	0.0285495	0.688482	-1.45247	0.489384	0.903525	-1.10678	0.452829	0.895399	-1.11682	0.465828	0.898329	-1.11318	0.480586	0.9016	-1.10914
cg07143817	DDX46	0.0304187	0.145572	0.876945	-1.14032	0.0186196	1.27088	1.27088	0.702984	1.03272	1.03272	0.170472	1.1305	1.1305	0.576078	1.04861	1.04861
cg13095604	DDX47;DDX47	0.010605	0.884424	0.985449	-1.01477	0.000254553	1.83545	1.83545	0.33773	0.905203	-1.10472	0.573999	1.05891	1.05891	0.120637	1.18488	1.18488
cg25053334	DDX47;DDX47	0.0166187	0.315576	0.84237	-1.18713	0.11103	1.33242	1.33242	0.169214	1.27393	1.27393	0.00838452	0.573083	-1.74495	0.00154627	0.471113	-2.12263
cg14463304	DDX47;DDX47	0.0278761	0.20876	1.74012	1.74012	0.502492	0.752381	-1.32911	0.543993	1.29273	1.29273	0.0581127	2.44817	2.44817	0.0374104	0.364324	-2.74481
cg09932441	DDX47;DDX47;DDX47;DDX47	0.000902808	0.174462	0.649412	-1.53985	0.000100221	21.0825	21.0825	?	?	?	?	?	?	0.00640273	3.41329	3.41329
cg07380106	DDX49	0.00075663	0.126772	1.0966	1.0966	0.000240974	0.712358	-1.40379	0.00926499	0.831639	-1.20245	0.0738342	0.894718	-1.11767	0.00370411	0.803366	-1.24476
cg22923050	DDX49	0.00165961	0.0279051	0.443428	-2.25516	0.0199659	0.415164	-2.40869	0.0461446	2.0446	2.0446	0.22714	1.48719	1.48719	0.000335037	0.163539	-6.11474
cg17473318	DDX49	0.00558832	0.00295627	0.31601	-3.16446	0.00092722	0.247542	-4.03971	0.020111	0.453124	-2.2069	0.010187	0.40062	-2.49613	0.00189592	0.288613	-3.46485
cg17816495	DDX49;COPE;COPE;COPE	2.92E-05	0.00624031	0.682996	-1.46414	0.134748	1.18824	1.18824	0.0209639	1.34595	1.34595	0.75879	1.03349	1.03349	0.0513819	0.78879	-1.26777
cg11415753	DDX49;COPE;COPE;COPE	0.0149236	0.863965	1.03266	1.03266	0.0180493	0.583732	-1.71311	0.888275	0.974	-1.02669	0.00127249	0.414402	-2.41311	0.012202	0.556954	-1.79548
cg09964705	DDX49;COPE;COPE;COPE	0.0273916	0.0847998	0.783306	-1.27664	0.0269964	1.39872	1.39872	0.0189695	1.4391	1.4391	0.0889131	1.27179	1.27179	0.145944	1.22143	1.22143
cg04673466	DDX49;COPE;COPE;COPE	0.0428567	0.150911	0.74287	-1.34613	0.00618347	0.501837	-1.99268	0.742432	0.938306	-1.06575	0.0371711	0.626789	-1.59543	0.00902811	0.526813	-1.89821
cg18062281	DDX49;COPE;COPE;COPE	0.0472496	0.0554363	0.600397	-1.66556	0.316469	1.27554	1.27554	0.0178406	0.508283	-1.96741	0.088476	1.55527	1.55527	0.905208	0.972393	-1.02839
cg15190754	DDX4;DDX4;DDX4	2.60E-05	0.246917	0.911168	-1.09749	0.0123392	0.787101	-1.27048	0.0283909	0.819719	-1.21993	0.322105	0.924417	-1.08176	4.33E-07	0.332752	-3.00524
cg00415276	DDX4;DDX4;DDX4	0.000342227	0.801888	0.967085	-1.03404	0.0187421	1.46113	1.46113	0.00243018	0.570132	-1.75398	0.307446	0.868795	-1.15102	0.00366121	0.592642	-1.68736
cg11139041	DDX4;DDX4;DDX4	0.00311774	0.602165	0.917518	-1.0899	0.936296	1.01317	1.01317	0.171321	0.787898	-1.2692	0.587288	0.914207	-1.09384	8.87E-05	0.316992	-3.15465
cg04463551	DDX4;DDX4;DDX4	0.00360362	0.226556	0.700389	-1.42778	0.134347	1.57271	1.57271	0.923626	0.973464	-1.02726	0.0472714	0.529062	-1.89014	9.81E-05	0.143565	-6.96549
cg10585263	DDX4;DDX4;DDX4	0.00889459	0.768517	1.04159	1.04159	0.0281882	1.43024	1.43024	0.88219	0.979734	-1.02069	0.872747	0.978111	-1.02238	0.0288026	0.700486	-1.42758
cg09637885	DDX4;DDX4;DDX4	0.0191528	0.00947463	0.180217	-5.54886	0.0162411	0.21606	-4.62833	0.498311	0.698844	-1.43093	0.0132392	0.201815	-4.95502	0.0236364	0.244518	-4.08968
cg02899723	DDX4;DDX4;DDX4	0.0312686	0.152359	0.647957	-1.54331	0.01249	2.41004	2.41004	0.784318	1.08075	1.08075	0.284288	1.37002	1.37002	0.29926	0.737492	-1.35595
cg02269094	DDX4;DDX4;DDX4;DDX4	0.00463243	0.16402	0.758022	-1.31922	0.0483011	0.656408	-1.52344	0.00388357	0.484099	-2.06569	0.0117862	0.556112	-1.7982	0.659738	1.08617	1.08617
cg23225508	DDX5	0.00107443	0.00869847	0.404137	-2.47441	0.00912061	2.45361	2.45361	0.00618786	2.6311	2.6311	0.76433	0.92176	-1.08488	0.00135213	0.283329	-3.52946
cg05368275	DDX5	0.00259743	0.331122	0.812254	-1.23114	0.0703148	0.657359	-1.52124	0.018978	0.554858	-1.80226	0.0205298	1.78379	1.78379	0.00031811	0.298519	-3.34987
cg17829984	DDX5	0.00643571	0.893464	1.01385	1.01385	0.438797	0.922108	-1.08447	0.0215417	0.75316	-1.32774	0.0703986	1.23081	1.23081	0.132542	1.18137	1.18137
cg08350119	DDX5	0.0278798	0.0828001	0.483783	-2.06704	0.376784	0.709759	-1.40893	0.0402369	2.4494	2.4494	0.160658	1.76201	1.76201	0.0349392	0.394936	-2.53206
cg21505571	DDX5	0.0378438	0.598191	1.30373	1.30373	0.792005	0.876509	-1.14089	0.411694	0.657955	-1.51986	0.0165117	4.30907	4.30907	0.0323961	0.286727	-3.48764
cg05846707	DDX50	2.47E-05	0.0934157	1.23992	1.23992	4.99E-06	0.297495	-3.36141	0.14804	1.19823	1.19823	0.00575649	0.655898	-1.52463	0.00994867	0.684272	-1.46141
cg25318691	DDX50	0.000819646	0.0718599	0.693683	-1.44158	0.0163714	1.70586	1.70586	0.0616524	0.681743	-1.46683	0.159231	1.31496	1.31496	8.24E-05	0.27497	-3.63677
cg22816171	DDX50	0.00327772	0.114257	0.85492	-1.1697	0.00764857	1.36729	1.36729	0.81019	1.0222	1.0222	0.000134379	0.546864	-1.82861	0.618161	0.955184	-1.04692
cg19391892	DDX50	0.00423232	0.0636819	0.713285	-1.40196	0.0992131	1.34032	1.34032	0.752134	1.05269	1.05269	0.313727	0.844625	-1.18396	0.992686	1.00149	1.00149
cg23707912	DDX50	0.0431527	0.0470765	0.739752	-1.3518	0.0338968	0.719987	-1.38891	0.00835221	0.639497	-1.56373	0.543361	0.921642	-1.08502	0.0043331	0.603042	-1.65826
cg07742976	DDX51	8.30E-05	0.000132214	0.204887	-4.88073	0.150218	1.44593	1.44593	0.0421734	0.571399	-1.75009	1.27E-05	0.111462	-8.97167	0.321561	0.78282	-1.27743
cg09829202	DDX51	0.000127436	0.000296343	0.345017	-2.8984	0.56955	0.901392	-1.1094	0.000134465	0.302805	-3.30246	0.180905	1.29251	1.29251	0.0413464	1.52961	1.52961
cg03754700	DDX51	0.00222237	0.128803	0.811547	-1.23221	0.000258828	2.14838	2.14838	0.478662	1.09595	1.09595	0.759539	0.961698	-1.03983	0.985996	1.00224	1.00224
cg21131424	DDX51	0.00386053	0.00193706	0.367512	-2.721	0.54036	1.15197	1.15197	0.925585	1.02155	1.02155	0.221721	0.745918	-1.34063	0.000235595	0.248778	-4.01964
cg20258671	DDX51	0.00917366	0.693175	1.07483	1.07483	0.0306263	0.629897	-1.58756	0.458871	1.14711	1.14711	0.236526	1.2532	1.2532	0.00359689	0.488029	-2.04906
cg10690802	DDX51	0.0292385	0.601115	0.923796	-1.08249	0.87769	0.977124	-1.02341	0.295147	0.849471	-1.1772	0.850349	0.972017	-1.02879	0.00333691	0.54866	-1.82262
cg06921262	DDX51;NOC4L	0.00114146	0.00185439	0.255951	-3.907	0.0374397	0.474797	-2.10616	0.923977	1.02988	1.02988	0.770171	1.09457	1.09457	0.000690156	0.202311	-4.94289
cg05802477	DDX51;NOC4L	0.0231713	0.949402	1.00805	1.00805	0.0208069	1.42101	1.42101	0.0024631	1.70195	1.70195	0.209235	1.18192	1.18192	0.794618	0.967592	-1.03349
cg27629044	DDX51;NOC4L;NOC4L	4.77E-05	0.000313726	0.582129	-1.71783	0.106956	0.849598	-1.17703	0.242826	1.11986	1.11986	0.00705874	0.724339	-1.38057	3.34E-06	0.362007	-2.76238
cg01378812	DDX52;DDX52	0.0019204	0.938589	1.03547	1.03547	0.00143047	0.124165	-8.05379	0.0083647	0.217797	-4.59143	0.0807479	0.41641	-2.40148	0.00139541	0.123116	-8.12239
cg07306685	DDX52;DDX52	0.00204115	0.00615675	0.659588	-1.5161	0.00450592	1.55405	1.55405	0.279972	1.13972	1.13972	0.0471278	0.767552	-1.30284	0.00302358	1.60528	1.60528
cg22078560	DDX52;DDX52	0.00612181	0.121383	0.520409	-1.92156	0.00229782	0.19067	-5.24466	0.293609	0.654628	-1.52758	0.00604944	0.247979	-4.0326	0.0127932	0.300393	-3.32898
cg02992647	DDX52;DDX52	0.00810047	0.24444	1.68332	1.68332	0.574494	0.78458	-1.27457	0.291566	0.626232	-1.59685	0.470747	1.36861	1.36861	0.000714886	0.110432	-9.05535
cg00966959	DDX52;DDX52	0.0241726	0.00659896	4.45286	4.45286	0.393199	0.700252	-1.42806	0.0380413	0.368183	-2.71604	0.0924618	2.14447	2.14447	0.039632	0.372249	-2.68637
cg11025235	DDX53	0.00144647	0.658837	0.915866	-1.09186	0.00639713	0.495727	-2.01724	0.0020916	0.424711	-2.35454	0.00340328	0.455028	-2.19766	0.00106961	0.384387	-2.60155
cg21908878	DDX53	0.00975108	0.0348532	2.74334	2.74334	0.0979881	2.10612	2.10612	0.0799691	0.450589	-2.21932	0.0268449	0.340943	-2.93304	0.0039976	0.204442	-4.89136
cg25231425	DDX53	0.0120384	0.103712	0.626268	-1.59676	0.0145246	0.452994	-2.20754	0.00120309	0.287213	-3.48174	0.926738	1.02448	1.02448	0.00511462	0.37798	-2.64564
cg05886698	DDX53;DDX53	0.00386655	0.906081	0.972196	-1.0286	0.00410571	0.398591	-2.50884	0.025062	0.529	-1.89036	0.721899	0.918162	-1.08913	0.000128771	0.20391	-4.90413
cg07050215	DDX54;CCDC42B;DDX54	0.0486789	0.720841	0.961154	-1.04042	0.302688	0.88879	-1.12512	0.0088908	0.692383	-1.44429	0.0943214	0.816208	-1.22518	0.608426	0.944538	-1.05872
cg07172736	DDX54;DDX54;CCDC42B	0.0156885	0.0779713	0.802275	-1.24645	0.0197765	0.728639	-1.37242	0.0822404	0.80529	-1.24179	0.12563	0.829916	-1.20494	0.0258732	0.742631	-1.34656
cg17403046	DDX54;DDX54;CCDC42B	0.0462231	0.172229	0.796948	-1.25479	0.374054	0.867163	-1.15319	0.223015	0.818723	-1.22141	0.958674	1.00813	1.00813	0.143124	0.782072	-1.27865
cg27505984	DDX55	0.000765051	0.535274	1.32423	1.32423	0.304913	0.621754	-1.60835	?	?	?	0.529817	0.752247	-1.32935	0.000223254	0.0640502	-15.6127
cg19540390	DDX55	0.00295337	0.0953892	1.49889	1.49889	0.00814806	0.473243	-2.11308	0.6824	1.09514	1.09514	0.690069	1.09258	1.09258	0.114408	0.684329	-1.46129
cg21349245	DDX55	0.00684501	0.00289522	0.409432	-2.44241	0.591012	1.12557	1.12557	0.254828	1.29596	1.29596	0.0968549	0.672062	-1.48796	0.00735799	0.47084	-2.12386
cg25257687	DDX56	3.46E-05	0.0100561	0.514485	-1.94369	0.126	0.7127	-1.40312	0.0357282	0.606546	-1.64868	0.0730642	0.664321	-1.5053	0.0389471	0.613241	-1.63068
cg11408036	DDX56	0.0162023	0.486909	0.90607	-1.10367	0.679642	1.0597	1.0597	0.0348441	1.40979	1.40979	0.00763363	1.61438	1.61438	0.19278	0.824912	-1.21225
cg05758978	DDX56	0.0197256	0.0227732	0.090371	-11.0655	0.0066357	0.0447132	-22.3647	0.117982	0.22376	-4.46908	0.606867	0.632692	-1.58055	0.0227272	0.0902695	-11.0779
cg14450506	DDX56	0.0353468	0.0745664	0.366753	-2.72663	0.116279	0.422383	-2.36752	0.697821	1.21776	1.21776	0.319613	1.68091	1.68091	0.975904	1.01537	1.01537
cg01998345	DDX56	0.0456845	0.0201583	0.28394	-3.52187	0.116522	0.464782	-2.15155	0.219439	0.559805	-1.78634	0.179603	1.89716	1.89716	0.0188239	0.278467	-3.59109
cg14277298	DDX58	0.000810641	0.000444658	0.487491	-2.05132	0.214316	1.18467	1.18467	0.112572	0.799389	-1.25096	0.0994487	0.7913	-1.26374	0.000336276	0.472641	-2.11577
cg14358532	DDX58	0.00269257	0.000916306	0.242101	-4.13051	0.135276	0.630716	-1.5855	0.0044047	0.336789	-2.96922	0.386757	1.28916	1.28916	0.00147233	0.268747	-3.72097
cg14286514	DDX58	0.0496777	0.186377	0.521698	-1.91682	0.90594	1.05644	1.05644	0.140716	0.479025	-2.08758	0.724158	1.1789	1.1789	0.0231202	0.283225	-3.53076
cg26421413	DDX59	0.00590718	0.572709	1.11515	1.11515	0.00600208	0.503296	-1.9869	0.00614926	0.504869	-1.98071	0.596818	1.10747	1.10747	0.120288	1.38019	1.38019
cg25102349	DDX59	0.0158632	0.679967	1.08809	1.08809	0.320218	0.811357	-1.2325	0.0554776	0.642904	-1.55544	0.383645	1.1994	1.1994	0.166712	0.740762	-1.34996
cg14085328	DDX59	0.0253642	0.0127308	0.623028	-1.60506	0.0612455	0.724427	-1.3804	0.109986	1.30511	1.30511	0.981136	0.996393	-1.00362	0.022081	0.657329	-1.52131
cg14644025	DDX5;CCDC45	0.022342	0.412324	0.898271	-1.11325	0.0954557	0.791015	-1.2642	0.361697	0.886916	-1.1275	0.918335	1.01321	1.01321	0.0755162	0.776283	-1.28819
cg02363317	DDX5;CCDC45;DDX5	0.0302417	0.13471	1.57388	1.57388	0.407454	1.2691	1.2691	0.0772696	1.73743	1.73743	0.080282	1.72579	1.72579	0.00410696	0.33867	-2.95273
cg03856748	DDX6	4.73E-05	0.0014231	0.677626	-1.47574	2.90E-05	0.500587	-1.99765	0.639314	0.960982	-1.0406	0.0077135	0.749304	-1.33457	0.248168	1.10715	1.10715
cg25131247	DDX6	0.00149476	0.679814	1.08062	1.08062	0.000105712	3.59351	3.59351	0.000234633	3.12518	3.12518	0.433294	0.861234	-1.16112	0.982354	1.00414	1.00414
cg13782932	DDX6	0.00303479	0.111877	0.570754	-1.75207	0.0399334	2.15803	2.15803	0.000645781	5.44898	5.44898	0.000564007	5.64791	5.64791	0.285918	0.698387	-1.43187
cg01715360	DDX6	0.00437712	0.405144	0.904461	-1.10563	0.545944	1.07471	1.07471	0.245386	1.15401	1.15401	0.461764	1.09234	1.09234	0.0030604	0.619921	-1.61311
cg09161549	DDX6	0.00538999	0.00253487	0.615558	-1.62454	0.000752803	1.80722	1.80722	0.350403	1.11773	1.11773	0.663501	0.95057	-1.052	0.35613	0.895916	-1.11618
cg16744438	DDX6	0.00702221	0.793129	1.09966	1.09966	0.00494561	3.8399	3.8399	0.0104671	3.20534	3.20534	0.0209613	2.72939	2.72939	0.770234	1.11167	1.11167
cg20624538	DDX6	0.00889102	0.0218068	0.758493	-1.3184	0.0354961	0.782071	-1.27866	0.0059159	0.696602	-1.43554	0.00915653	0.717229	-1.39425	0.00263733	0.658421	-1.51879
cg14464791	DDX6	0.0252751	0.00562669	0.207108	-4.8284	0.32252	1.55695	1.55695	0.355508	1.50947	1.50947	0.900608	0.947308	-1.05562	0.756131	0.873747	-1.1445
cg13645902	DDX6	0.0254697	0.107995	0.606046	-1.65004	0.173365	1.51239	1.51239	0.340181	1.32407	1.32407	0.948836	0.981842	-1.01849	0.709527	1.11277	1.11277
cg22253036	DDX6	0.0272167	0.593729	0.781047	-1.28033	0.200218	1.86085	1.86085	0.0180261	3.73845	3.73845	0.0187576	3.69543	3.69543	0.408948	0.678673	-1.47346
cg12937034	DDX6	0.0280947	0.000600914	0.137067	-7.29569	0.87433	0.942303	-1.06123	0.387767	0.71722	-1.39427	0.887453	0.948219	-1.05461	0.762203	1.12069	1.12069
cg05587627	DDX6	0.0322512	0.962526	1.02118	1.02118	0.0820948	2.36149	2.36149	0.044126	2.80564	2.80564	0.101239	2.2267	2.2267	0.589973	0.784525	-1.27466
cg10983623	DDX6	0.0467694	0.7506	0.959262	-1.04247	0.299525	0.869155	-1.15054	0.188914	0.833986	-1.19906	0.33122	1.13969	1.13969	0.0894083	1.27669	1.27669
cg03237507	DDX60	0.0035336	0.631101	0.902952	-1.10748	0.0477579	0.620255	-1.61224	0.326414	0.807517	-1.23836	0.53709	1.14097	1.14097	0.000670357	0.333519	-2.99833
cg05883128	DDX60	0.00892118	0.00734881	0.276402	-3.61792	0.0605755	0.454999	-2.19781	0.0701965	0.470805	-2.12402	0.62702	0.833397	-1.19991	0.00174502	0.189958	-5.26432

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02659232	0.445723	0.830132	-1.20463	0.0846657	0.633349	-1.57891	0.225929	1.35602	1.35602	0.85523	0.957201	-1.04471	5.429	4.93213	0.807537	1
cg18964159	0.94247	1.00922	1.00922	0.133802	1.22823	1.22823	0.762006	1.03937	1.03937	0.0967312	1.26087	1.26087	4.20614	1.0767	0.227541	1
cg19792599	0.00120238	0.166143	-6.0189	0.603319	0.860043	-1.16273	0.00437606	0.261828	-3.8193	0.36216	1.31353	1.31353	14.81	13.6893	0.660235	1
cg13489054	0.667149	0.9279	-1.0777	0.959288	1.00887	1.00887	0.87934	1.02662	1.02662	0.689769	1.07186	1.07186	5.46989	2.59144	0.421124	1
cg04514385	0.445136	1.38433	1.38433	0.16258	1.86429	1.86429	0.939648	0.968858	-1.03214	0.642178	0.822413	-1.21593	3.92965	10.8648	2.45761	1
cg16819604	0.00311346	0.0547249	-18.2732	0.484637	1.66576	1.66576	0.43479	1.77283	1.77283	0.544273	1.55421	1.55421	4.20114	34.3503	7.26794	1
cg23499977	0.926379	1.02582	1.02582	0.957495	1.01481	1.01481	0.0179012	2.21139	2.21139	0.438619	1.24344	1.24344	3.67541	4.42765	1.07082	1
cg05388765	0.391742	1.47344	1.47344	0.0341231	0.33549	-2.98072	0.955575	0.975693	-1.02491	0.16047	0.515668	-1.93923	3.45235	10.6688	2.74692	1
cg06140118	0.931422	0.954338	-1.04785	0.331705	0.576989	-1.73314	0.465791	0.666605	-1.50014	0.132172	2.47755	2.47755	8.78221	39.0532	2.96457	1
cg04960941	0.00151942	0.639544	-1.56361	0.309533	0.902176	-1.10843	0.213559	1.1368	1.1368	0.327616	1.10398	1.10398	5.85601	0.888784	0.134909	1
cg06042828	0.911027	1.03974	1.03974	0.0222529	0.384717	-2.59931	0.0100068	0.321861	-3.10693	0.010846	0.327802	-3.05062	3.79299	7.30124	1.71105	1
cg14487379	0.00113097	0.142398	-7.02259	0.000637397	0.118383	-8.44719	0.255543	1.6208	1.6208	0.0120893	0.279994	-3.57151	12.277	32.1847	2.33026	1
cg14012447	0.0157001	0.495151	-2.01959	0.228543	1.34984	1.34984	0.201284	0.72589	-1.37762	0.036351	0.56126	-1.78171	6.23882	5.56772	0.793273	1
cg14125368	0.0322314	0.317326	-3.15133	0.0217473	0.283477	-3.52763	0.0589304	0.376746	-2.65431	0.531268	0.748085	-1.33675	4.22838	14.0266	2.94867	1
cg20603424	0.0538274	0.895215	-1.11705	0.000249288	0.736657	-1.35748	0.0527966	0.894671	-1.11773	0.00689196	1.19346	1.19346	16.3255	0.66099	0.0359896	1
cg09986574	0.486632	0.918659	-1.08854	0.0301432	0.736352	-1.35805	0.0554251	1.2977	1.2977	0.0212833	0.717311	-1.3941	4.57751	1.04443	0.202814	1
cg13039704	0.00226578	0.47826	-2.09091	0.647852	0.923659	-1.08265	0.637684	0.92135	-1.08536	0.633398	0.920373	-1.08652	3.66653	1.73167	0.419816	1
cg19767896	0.0411827	0.442926	-2.25771	0.248917	0.659254	-1.51686	0.0786134	0.508986	-1.96469	0.000976872	0.183496	-5.44973	9.46074	17.9086	1.68261	1
cg17872763	0.00412047	1.45193	1.45193	0.101435	1.18982	1.18982	0.0135309	0.743635	-1.34475	0.212837	0.880594	-1.1356	4.97468	0.740032	0.132231	1
cg00357593	0.0781591	0.789703	-1.2663	0.00293559	0.610877	-1.63699	0.794476	1.032	1.032	0.194008	1.18031	1.18031	3.43019	0.790668	0.204891	1
cg15408180	0.0207663	1.54383	1.54383	0.890739	1.02167	1.02167	0.590222	1.08851	1.08851	0.00969779	0.600201	-1.66611	26.4966	10.2135	0.342634	1
cg04820200	0.244161	0.559919	-1.78597	0.012354	0.22704	-4.4045	0.0362299	0.313769	-3.18706	0.217375	0.539175	-1.85469	13.8984	49.869	3.18943	1
cg12689375	0.751118	1.04829	1.04829	0.608252	0.926233	-1.07964	0.687996	1.06166	1.06166	0.404036	1.13492	1.13492	8.99797	3.13083	0.309287	1
cg21616821	0.723861	1.10109	1.10109	?	?	?	0.000500052	0.072962	-13.7058	0.170942	0.654878	-1.527	20.4803	16.0436	0.447639	1
cg09768249	0.018376	0.572235	-1.74754	0.00364087	0.46417	-2.15439	0.0224307	1.70512	1.70512	0.0846829	1.45071	1.45071	5.38723	3.24807	0.535929	1
cg24751934	0.184766	1.45901	1.45901	3.40E-05	0.115779	-8.63711	0.117717	1.57818	1.57818	0.254789	1.3762	1.3762	11.5323	13.1732	1.01537	1
cg09856092	0.648983	0.8278	-1.20802	0.000538403	0.0711886	-14.0472	0.145064	1.93637	1.93637	0.955912	1.02301	1.02301	19.4191	44.0644	1.70184	1
cg08528516	0.00875034	1.69351	1.69351	0.0105556	1.65312	1.65312	0.0382535	0.702497	-1.42349	0.940829	1.00991	1.00991	9.18159	1.30797	0.142455	1
cg17816615	0.121831	0.499768	-2.00093	0.00736762	0.239711	-4.1717	0.0120738	0.274054	-3.64892	0.0463228	0.389061	-2.57029	3.83679	10.3945	2.40815	1
cg10825850	0.691701	1.13317	1.13317	0.0208518	2.39246	2.39246	0.772166	0.912958	-1.09534	0.243995	1.46572	1.46572	17.0702	26.5998	1.38512	1
cg02259255	0.000803715	0.624612	-1.60099	0.000202555	0.559983	-1.78577	0.00217236	1.4922	1.4922	0.0236462	1.2858	1.2858	13.6033	1.86501	0.121866	1
cg17401635	0.242698	1.05683	1.05683	0.00268217	0.828936	-1.20637	0.00998067	1.15846	1.15846	0.573949	1.02602	1.02602	7.52145	0.243484	0.0287751	1
cg04543742	0.0725598	0.703276	-1.42192	0.117229	0.741585	-1.34846	0.64619	0.921998	-1.0846	0.965397	0.992407	-1.00765	5.92895	2.89871	0.434584	1
cg21897413	?	?	?	0.037285	0.686451	-1.45677	0.925561	1.01465	1.01465	0.515365	1.10811	1.10811	5.40309	1.84243	0.340996	1
cg10902427	0.239996	0.897183	-1.1146	0.410655	0.928492	-1.07702	0.00463795	1.39391	1.39391	0.928984	0.99217	-1.00789	4.68814	0.577418	0.10948	1
cg13304760	0.520789	0.901052	-1.10981	0.586223	1.09197	1.09197	0.612212	1.08527	1.08527	0.733245	1.05629	1.05629	4.59764	1.8659	0.360746	1
cg04067506	0.623138	1.0424	1.0424	0.00069158	0.647767	-1.54376	0.333399	1.08726	1.08726	0.891359	0.988607	-1.01152	5.02724	0.559771	0.0989756	1
cg13676583	0.026084	0.333863	-2.99524	0.00577475	0.222515	-4.49408	0.995587	0.997705	-1.0023	0.12661	0.503289	-1.98693	3.73979	10.2254	2.43041	1
cg27131607	0.378089	0.847185	-1.18038	0.00354731	2.06406	2.06406	0.214842	0.787073	-1.27053	0.439928	1.15539	1.15539	6.19077	3.29697	0.473389	1
cg06601766	0.157918	0.749793	-1.3337	0.368422	1.19268	1.19268	0.744157	1.06445	1.06445	0.215137	0.77969	-1.28256	3.65154	2.10377	0.512117	1
cg01986757	0.0242673	0.34538	-2.89537	0.0022538	0.184079	-5.43244	0.79014	1.11136	1.11136	0.0294104	0.362234	-2.76065	12.0917	30.0106	2.20614	1
cg03217019	0.000868907	0.464108	-2.15467	0.0161495	0.636252	-1.5717	0.456055	1.1237	1.1237	0.0206605	0.651709	-1.53443	7.10518	2.65616	0.332297	1
cg01153475	0.0166555	0.0780648	-12.8099	0.00647788	0.0456121	-21.924	0.797498	1.25145	1.25145	0.0219614	0.0909466	-10.9955	4.57647	55.1566	10.7131	1
cg06670550	0.0390754	0.40516	-2.46816	0.00561926	0.252777	-3.95605	0.245586	0.631636	-1.58319	0.0225397	0.355749	-2.81097	4.32112	9.79458	2.01482	1
cg11609472	0.0169984	0.156294	-6.39819	0.00972018	0.124213	-8.05071	0.23935	0.455776	-2.19406	0.0426864	0.225837	-4.42796	3.90197	25.1317	5.72513	1
cg14720138	0.00512289	0.701584	-1.42535	1.50E-05	2.36378	2.36378	0.00349395	1.46193	1.46193	0.0675789	0.821801	-1.21684	21.5105	3.12911	0.129306	1
cg15301282	0.167925	1.20449	1.20449	0.00454678	0.619696	-1.61369	0.204698	0.844144	-1.18463	0.145866	0.820638	-1.21856	27.6498	7.0191	0.225651	1
cg27261494	0.812442	0.964482	-1.03683	0.550034	1.09637	1.09637	0.0884324	0.751276	-1.33107	0.217548	1.21819	1.21819	22.5677	8.27329	0.325865	1
cg08277314	0.697918	0.935765	-1.06864	0.862973	0.971024	-1.02984	0.0459023	1.47622	1.47622	0.0438898	0.674204	-1.48323	20.4338	9.37672	0.407897	1
cg13197732	0.741234	0.919337	-1.08774	0.00841148	0.425627	-2.34948	0.396089	0.802068	-1.24678	0.874437	0.960659	-1.04095	10.8766	11.0955	0.906781	1
cg27220376	0.537633	0.919156	-1.08795	0.742084	0.956375	-1.04561	0.540518	0.919719	-1.08729	0.0628876	0.753793	-1.32662	7.68501	2.22041	0.256824	1
cg24886843	0.0149234	0.562754	-1.77697	0.0375699	1.58939	1.58939	0.0789316	0.687509	-1.45453	0.0448151	0.642551	-1.5563	6.07701	3.55002	0.519265	1
cg03669949	0.405261	1.65297	1.65297	0.0282737	0.216854	-4.61139	0.320885	1.83184	1.83184	0.455369	1.56635	1.56635	6.82084	37.6306	4.90401	1
cg10647441	0.538393	0.888805	-1.12511	0.000203065	0.307623	-3.25073	0.00521977	2.00845	2.00845	0.0846474	0.697059	-1.4346	12.7523	7.23191	0.504095	1
cg01784406	0.481148	1.09773	1.09773	0.00663654	1.58214	1.58214	0.923551	1.01258	1.01258	0.145978	1.22538	1.22538	10.7436	2.88515	0.238708	1
cg08633242	0.421877	0.819098	-1.22085	0.0258471	0.525419	-1.90324	0.937057	0.980974	-1.0194	0.0170712	0.493012	-2.02835	6.93236	6.49499	0.832808	1
cg21962918	0.118182	1.24642	1.24642	0.00779605	0.64176	-1.55821	0.0284481	1.39902	1.39902	0.0106454	1.51737	1.51737	4.52183	1.20741	0.23735	1
cg16272868	0.265153	0.845552	-1.18266	0.666151	0.939219	-1.06471	0.00133335	1.96191	1.96191	0.230742	1.19917	1.19917	4.4182	1.46042	0.293818	1
cg07143817	0.322518	0.91771	-1.08967	0.0600573	1.19512	1.19512	0.423727	0.933647	-1.07107	0.00398594	1.38438	1.38438	4.06675	0.454801	0.099408	1
cg13095604	0.668536	1.04436	1.04436	0.0181355	1.3353	1.3353	0.0665652	1.23037	1.23037	0.24827	1.12934	1.12934	5.80037	0.93295	0.142972	1
cg25053334	0.283834	0.831886	-1.20209	0.567877	0.908977	-1.10014	0.270891	0.82738	-1.20863	0.524056	1.11264	1.11264	5.00729	2.16712	0.384704	1
cg14463304	0.0451766	0.38262	-2.61356	0.0579572	0.408185	-2.44987	0.0464577	2.59466	2.59466	0.0619046	0.415235	-2.40828	4.19433	11.6098	2.46042	1
cg09932441	0.476548	1.23351	1.23351	?	?	?	0.016835	0.38224	-2.61616	0.194674	0.664692	-1.50446	30.0934	23.9813	0.664079	1
cg07380106	0.000864639	0.756412	-1.32203	0.00437452	1.23677	1.23677	0.85326	1.01039	1.01039	0.272373	0.938208	-1.06586	12.73	0.628429	0.0438808	1
cg22923050	0.077444	0.540973	-1.84852	0.000584687	0.189424	-5.27916	0.8026	1.08156	1.08156	0.0258133	0.436708	-2.28986	10.1783	15.7943	1.37934	1
cg17473318	0.691221	0.893407	-1.11931	0.745456	0.912138	-1.09633	0.330841	0.753313	-1.32747	0.498266	0.823576	-1.21422	7.09276	8.9536	1.1221	1
cg17816495	0.00596988	1.46882	1.46882	7.35E-07	0.239175	-4.18105	0.0433938	0.779987	-1.28207	0.00550405	1.47747	1.47747	30.6851	5.56004	0.161064	1
cg11415753	0.0380879	0.637272	-1.56919	0.24283	0.795279	-1.25742	0.254347	1.2499	1.2499	0.905069	1.02261	1.02261	5.18946	2.88678	0.49447	1
cg09964705	0.628083	0.939365	-1.06455	0.422306	0.900298	-1.11074	0.966587	1.00538	1.00538	0.00853199	1.53737	1.53737	4.22027	1.09746	0.23115	1
cg04673466	0.0459863	0.642998	-1.55521	0.0754469	0.682387	-1.46545	0.111341	0.715413	-1.39779	0.735777	0.936693	-1.06759	3.59031	2.12017	0.524911	1
cg18062281	0.933147	1.01991	1.01991	0.622876	0.890047	-1.12354	0.0269419	1.85092	1.85092	0.217322	1.35664	1.35664	3.4615	3.02741	0.777417	1
cg15190754	0.00418159	1.34293	1.34293	0.0632343	1.17413	1.17413	0.0013075	0.697973	-1.43272	0.978188	1.0021	1.0021	31.6098	2.95563	0.0831142	1
cg00415276	0.678971	0.946102	-1.05697	1.83E-05	3.19952	3.19952	0.531307	0.919046	-1.08809	0.274393	0.8595	-1.16347	15.8668	4.45373	0.249506	1
cg11139041	0.690884	1.06761	1.06761	0.0114084	1.67911	1.67911	0.790868	1.04446	1.04446	0.0386831	0.675764	-1.47981	8.46079	3.58978	0.377142	1
cg04463551	0.0195132	0.453047	-2.20728	0.250233	1.40073	1.40073	0.740881	1.09755	1.09755	0.663996	1.13042	1.13042	8.1027	10.095	1.10745	1
cg10585263	0.234644	0.841975	-1.18768	0.0019915	1.82713	1.82713	0.0792308	0.764114	-1.30871	0.014909	0.661397	-1.51195	6.13526	1.85241	0.26838	1
cg09637885	0.0516496	0.315208	-3.17251	0.00443737	0.13822	-7.23483	0.487794	0.692513	-1.44402	0.0278225	0.257899	-3.87749	4.77412	20.5438	3.82503	1
cg02899723	0.851524	1.05447	1.05447	0.00520869	0.352221	-2.83913	0.312302	1.34425	1.34425	0.223771	0.69645	-1.43585	4.02702	5.10944	1.12781	1
cg02269094	0.00018741	0.308524	-3.24124	0.465147	1.14875	1.14875	0.546798	0.892472	-1.12048	0.39284	0.849335	-1.17739	7.51128	4.14031	0.489967	1
cg23225508	0.00481038	0.362874	-2.75577	0.00481126	0.362887	-2.75568	0.158025	1.50529	1.50529	0.0327497	0.508191	-1.96776	11.5291	13.4067	1.03365	1
cg05368275	0.76063	1.06542	1.06542	0.00303836	0.430795	-2.32129	0.240438	1.29029	1.29029	0.0426253	0.616292	-1.62261	8.93089	6.08251	0.605391	1
cg17829984	0.0888585	0.824714	-1.21254	0.000713746	0.589079	-1.69756	0.00754938	0.702594	-1.4233	0.687947	1.04233	1.04233	6.79028	1.13408	0.148458	1
cg08350119	0.228521	0.620195	-1.6124	0.00698461	0.267445	-3.73909	0.666296	0.848745	-1.17821	0.0881902	0.491067	-2.03638	4.19413	9.49101	2.01149	1
cg21505571	0.141776	2.19865	2.19865	0.0524779	0.332972	-3.00325	0.0906582	2.53366	2.53366	0.19669	0.506235	-1.97537	3.75879	14.8067	3.50153	1
cg05846707	?	?	?	0.0762609	1.25843	1.25843	0.274269	1.14177	1.14177	1.57E-05	2.82938	2.82938	32.8747	6.28572	0.191203	1
cg25318691	0.536514	0.892334	-1.12066	0.000696132	0.390011	-2.56403	0.287925	1.22239	1.22239	0.0191599	0.596969	-1.67513	12.4468	6.52998	0.46634	1
cg22816171	0.77081	0.9737	-1.02701	0.0153283	0.762182	-1.31202	0.542943	0.945362	-1.0578	0.892805	0.987774	-1.01238	8.33562	1.09905	0.1172	1
cg19391892	0.00326933	1.91508	1.91508	0.0512395	0.697839	-1.433	0.000468496	0.410161	-2.43807	0.835289	0.96682	-1.03432	7.71979	3.21138	0.369772	1
cg23707912	0.310569	0.870074	-1.14933	0.143897	0.811982	-1.23155	0.518668	0.916869	-1.09067	0.140312	0.810229	-1.23422	3.58113	0.997971	0.247711	1
cg07742976	0.003812	0.393425	-2.54178	6.88E-05	0.175572	-5.69567	0.530812	1.16393	1.16393	0.000252015	0.236227	-4.23322	23.2689	21.0675	0.804793	1
cg09829202	0.623877	0.914601	-1.09337	8.08E-06	0.171687	-5.82454	0.22135	0.792798	-1.26136	0.276718	0.815182	-1.22672	20.7474	10.7198	0.459272	1
cg03754700	0.00313665	0.598255	-1.67153	0.228468	0.851467	-1.17444	0.387469	1.11928	1.11928	0.00518412	0.625372	-1.59905	9.34957	2.39631	0.227824	1
cg21131424	0.00748621	0.455763	-2.19412	0.1886	0.727655	-1.37428	0.225324	0.747785	-1.33728	0.0140055	0.500321	-1.99872	7.93686	6.54804	0.733348	1
cg20258671	0.178692	0.771057	-1.29692	0.0049207	0.507652	-1.96985	0.508411	0.885073	-1.12985	0.00306182	0.478066	-2.09176	6.07539	3.18637	0.466197	1
cg10690802	0.224678	1.21124	1.21124	0.00671774	1.69586	1.69586	0.870981	0.975872	-1.02472	0.89874	0.981052	-1.01931	4.12426	1.47487	0.317875	1
cg06921262	0.000144274	0.132703	-7.53565	0.00123278	0.232847	-4.29467	0.180293	0.644752	-1.55098	0.023662	0.434619	-2.30087	11.3323	17.0772	1.33952	1
cg05802477	0.270804	1.15579	1.15579	0.0557518	0.76055	-1.31484	0.85334	0.976902	-1.02364	0.0426609	1.34272	1.34272	4.4734	1.12987	0.224511	1
cg27629044	0.017011	0.763748	-1.30933	0.00712836	1.37973	1.37973	0.608803	1.04897	1.04897	0.000852489	1.59068	1.59068	26.9486	3.6612	0.120763	1
cg01378812	0.0206585	0.283457	-3.52787	0.000330646	0.0726588	-13.763	0.00234	0.146367	-6.83213	0.0295509	0.313783	-3.18692	9.75658	31.6206	2.88085	1
cg07306685	0.0518519	0.772872	-1.29387	0.00309099	1.60236	1.60236	0.0731999	1.26196	1.26196	0.773653	0.966978	-1.03415	9.58483	2.0585	0.190903	1
cg22078560	0.0151445	0.313315	-3.19168	0.000780611	0.138585	-7.21579	0.0131708	0.302589	-3.30481	0.126349	0.525622	-1.90251	6.89621	16.5199	2.12934	1
cg02992647	0.882588	0.938753	-1.06524	0.00685116	0.223652	-4.47124	0.750805	0.872616	-1.14598	0.00437583	0.196371	-5.09239	6.31927	18.3054	2.5749	1
cg00966959	0.104623	2.07505	2.07505	0.173963	0.552827	-1.80889	0.652953	1.2019	1.2019	0.336166	0.667372	-1.49842	4.88463	12.4765	1.98663	1
cg11025235	0.604631	1.10883	1.10883	0.00250401	2.29456	2.29456	0.76346	1.06151	1.06151	0.99504	0.998771	-1.00123	10.5897	6.56132	0.550749	1
cg21908878	0.125741	1.97366	1.97366	0.238987	1.65871	1.65871	0.488995	1.33433	1.33433	0.0338909	0.361921	-2.76303	5.95842	15.8902	2.37054	1
cg25231425	0.655716	0.888678	-1.12527	0.26339	1.35887	1.35887	0.85525	1.0492	1.0492	0.697771	1.10809	1.10809	5.56772	6.09979	0.973833	1
cg05886698	0.633862	0.89169	-1.12147	0.139318	1.46244	1.46244	0.97667	1.00701	1.00701	0.955988	0.986901	-1.01327	7.93314	7.17134	0.803531	1
cg07050215	0.132633	1.19623	1.19623	0.0210473	1.35857	1.35857	0.959129	1.00567	1.00567	0.60812	0.944492	-1.05877	3.42273	0.660959	0.171652	1
cg07172736	0.316771	1.12346	1.12346	0.00457907	1.52898	1.52898	0.832926	0.976519	-1.02405	0.640612	1.05431	1.05431	5.10423	1.02281	0.178119	1
cg17403046	0.451329	1.12736	1.12736	0.00383381	1.83829	1.83829	0.743146	0.949932	-1.05271	0.0713183	0.730055	-1.36976	3.49024	1.34879	0.343507	1
cg27505984	0.243329	0.579229	-1.72643	3.52E-05	0.028076	-35.6176	0.7421	0.862685	-1.15917	0.66954	0.825284	-1.2117	12.995	36.6009	2.81654	1
cg19540390	0.305166	1.26436	1.26436	0.00110956	0.345909	-2.89093	0.000557531	0.306414	-3.26356	0.0499134	0.610194	-1.63882	8.59803	6.64523	0.687003	1
cg21349245	0.00691835	0.466644	-2.14296	0.168592	1.37698	1.37698	0.0857108	1.51309	1.51309	0.25824	1.29335	1.29335	6.66143	5.01643	0.669383	1
cg25257687	0.000593005	0.337886	-2.95958	3.46E-07	0.0489819	-20.4157	0.0128644	0.531573	-1.88121	0.000513702	0.3298	-3.03214	29.3345	19.445	0.58922	1
cg11408036	0.152578	1.23856	1.23856	0.0183196	1.49149	1.49149	0.00281045	1.77679	1.77679	0.309075	1.15835	1.15835	5.04983	1.55951	0.274511	1
cg05758978	0.0676574	0.164394	-6.08294	0.00250211	0.0246246	-40.6098	0.0497772	0.138937	-7.19753	0.0378202	0.119523	-8.36656	4.72668	58.2334	10.9512	1
cg14450506	0.0187208	0.237235	-4.21524	0.00556072	0.158943	-6.29158	0.287323	0.572429	-1.74694	0.0228556	0.252815	-3.95546	3.85335	15.561	3.5896	1
cg01998345	0.107993	0.454812	-2.19871	0.0137252	0.254373	-3.93123	0.725997	0.853789	-1.17125	0.148791	0.498739	-2.00506	3.50563	11.2061	2.84141	1
cg14277298	0.391874	1.12042	1.12042	0.0361681	1.37135	1.37135	0.629321	1.06507	1.06507	0.000559973	0.49978	-2.00088	12.4856	3.32253	0.236542	1
cg14358532	0.00100964	0.247418	-4.04175	0.953069	0.983292	-1.01699	0.57473	0.85019	-1.17621	0.0245342	0.464475	-2.15297	8.83658	11.4697	1.15376	1
cg14286514	0.07181	0.393143	-2.5436	0.00474938	0.175222	-5.70704	0.289281	1.66681	1.66681	0.272446	0.588272	-1.69989	3.39647	11.6053	3.03721	1
cg26421413	0.787632	0.949682	-1.05298	0.00516483	2.02595	2.02595	0.0322303	0.619054	-1.61537	0.0370512	0.629414	-1.58878	6.97262	4.03745	0.514705	1
cg25102349	0.266811	0.790202	-1.2655	0.761905	0.940027	-1.0638	0.00359601	0.448261	-2.23084	0.00111758	0.376463	-2.65631	5.08549	3.33639	0.583165	1
cg14085328	0.090114	0.751629	-1.33044	0.700702	1.06081	1.06081	0.133809	1.28039	1.28039	0.103514	1.3128	1.3128	4.33535	1.60425	0.328924	1
cg14644025	0.00704259	0.640271	-1.56184	0.0545115	1.32208	1.32208	0.0140307	1.47433	1.47433	0.703731	1.05012	1.05012	4.52989	1.1753	0.230627	1
cg02363317	0.594901	1.16292	1.16292	0.42442	0.794991	-1.25788	0.995298	1.00166	1.00166	0.0649761	0.558336	-1.79104	4.0752	5.1049	1.11349	1
cg03856748	0.00890418	1.32395	1.32395	7.98E-06	0.438702	-2.27945	0.0006506	0.643513	-1.55397	0.000579148	0.638381	-1.56646	27.0187	3.04209	0.100082	1
cg25131247	0.693056	1.07693	1.07693	0.0367264	1.57363	1.57363	0.23954	1.25873	1.25873	0.0160566	1.73419	1.73419	10.4901	5.7992	0.491398	1
cg13782932	0.0969572	1.8042	1.8042	0.781561	1.09422	1.09422	0.243178	0.673289	-1.48525	0.604713	0.844386	-1.18429	8.52889	14.1726	1.47708	1
cg01715360	0.710027	1.04502	1.04502	0.0206684	1.38892	1.38892	0.0683079	0.786127	-1.27206	0.000543055	0.530565	-1.88478	7.6416	1.68216	0.195673	1
cg09161549	0.835766	1.02433	1.02433	0.014728	0.706369	-1.41569	0.797186	1.03027	1.03027	0.963461	0.994709	-1.00532	7.17188	1.52311	0.188775	1
cg16744438	0.160831	1.71848	1.71848	0.761578	1.11628	1.11628	0.000329475	8.1359	8.1359	0.0632992	2.12751	2.12751	6.60859	13.6761	1.83951	1
cg20624538	0.0248271	0.76473	-1.30765	0.993026	1.00088	1.00088	0.423732	1.0855	1.0855	0.417582	1.08674	1.08674	6.13604	0.979899	0.141952	1
cg14464791	0.213727	0.567111	-1.76332	0.00194984	0.149871	-6.67242	0.442478	0.712295	-1.40391	0.224477	0.575339	-1.73811	4.34067	12.9031	2.64231	1
cg13645902	0.250088	1.40949	1.40949	0.000998009	0.247638	-4.03814	0.208158	0.684578	-1.46075	0.344183	0.757107	-1.32082	4.32909	5.59121	1.14804	1
cg22253036	0.318445	1.60521	1.60521	0.00863835	0.215094	-4.64913	0.332287	0.631883	-1.58257	0.724021	1.1767	1.1767	4.22978	14.1113	2.96549	1
cg12937034	0.634238	1.19717	1.19717	0.0276694	0.376267	-2.65769	0.503118	0.774807	-1.29064	0.91293	0.959764	-1.04192	4.18281	9.33896	1.98462	1
cg05587627	0.324925	1.57373	1.57373	0.966322	1.01901	1.01901	0.00105737	8.67371	8.67371	0.123546	2.10458	2.10458	3.98271	12.5516	2.80135	1
cg10983623	0.00915777	0.649414	-1.53985	0.19768	0.83728	-1.19434	0.0360227	1.37449	1.37449	0.700929	1.05162	1.05162	3.47485	0.936203	0.239487	1
cg03237507	0.00992804	0.50297	-1.98819	0.000243487	0.278054	-3.59642	0.342347	0.813481	-1.22928	0.13632	0.712716	-1.40308	8.15046	5.74737	0.626808	1
cg05883128	0.0196739	0.350402	-2.85387	0.00105921	0.164994	-6.06083	0.333753	0.690015	-1.44924	0.168845	0.579489	-1.72566	6.12946	13.446	1.94993	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18970250	DDX60	0.0149096	0.0729986	0.70676	-1.41491	0.0338159	0.650446	-1.53741	0.709627	0.937146	-1.06707	0.165643	0.773663	-1.29255	0.106409	1.35797	1.35797	0.684973	0.93166	-1.07335	0.00112691	2.29782	2.29782	0.453681	1.14165	1.14165	0.657199	0.925411	-1.0806	5.19106	2.47648	0.424059	1
cg19079570	DDX60	0.0352342	0.808708	0.907271	-1.10221	0.00671716	0.244055	-4.09744	0.0971367	0.481668	-2.07612	0.00565155	0.232934	-4.29306	0.897206	1.05323	1.05323	0.286949	0.641695	-1.55837	0.0285741	0.35471	-2.8192	0.404837	1.40772	1.40772	0.766812	0.887525	-1.12673	3.85781	9.83592	2.26633	1
cg10241776	DDX60	0.0408142	0.0145636	0.401438	-2.49104	0.768131	1.09382	1.09382	0.0750941	0.548165	-1.82427	0.0561802	1.92701	1.92701	0.69004	0.885513	-1.12929	0.0806162	0.555588	-1.7999	0.161918	1.573	1.573	0.153298	1.5901	1.5901	0.227427	1.46862	1.46862	3.65587	5.32679	1.29516	1
cg16549587	DDX60L	3.51E-05	0.383561	0.899481	-1.11175	7.87E-05	0.428931	-2.33138	0.0428065	0.758483	-1.31842	0.027821	0.734726	-1.36105	6.66E-06	0.305109	-3.27752	0.00173335	0.588762	-1.69848	4.07E-06	0.281623	-3.55085	0.159342	1.1952	1.1952	0.0144729	0.699599	-1.42939	29.2321	6.50822	0.197902	1
cg10209087	DDX60L	4.62E-05	1.22E-05	0.114798	-8.71098	0.000324475	0.25578	-3.90962	0.000446069	0.272652	-3.66767	0.0475783	0.587718	-1.7015	8.15E-05	0.188886	-5.29421	0.000934863	0.313953	-3.18519	1.74E-05	0.126902	-7.88011	0.000298935	0.251521	-3.97581	0.000228924	0.237911	-4.20326	27.1833	23.6885	0.774612	1
cg11972626	DDX60L	0.00283649	0.334367	1.16436	1.16436	0.000439806	0.428022	-2.33633	0.00212305	0.516818	-1.93492	0.856577	1.02804	1.02804	0.627014	0.927887	-1.07772	0.0133641	1.59735	1.59735	0.303266	0.849613	-1.17701	0.18051	1.24277	1.24277	0.0273052	0.670884	-1.49057	8.70156	3.21932	0.328862	1
cg00218484	DDX60L	0.0226668	0.377087	0.763402	-1.30993	0.00699554	0.35383	-2.82622	0.0772606	0.557059	-1.79514	0.865792	0.950864	-1.05167	0.0916995	0.575161	-1.73864	0.76356	0.914059	-1.09402	0.00108932	0.237965	-4.2023	0.253058	0.700772	-1.427	0.0451732	0.504334	-1.98281	4.50745	6.33367	1.24903	1
cg07557832	DDX60L	0.0246605	0.56507	0.922092	-1.08449	0.00119476	0.515693	-1.93914	0.3683	0.879087	-1.13754	0.220253	1.19691	1.19691	0.55437	1.08698	1.08698	0.225295	1.19435	1.19435	0.156646	1.23527	1.23527	0.335452	0.870646	-1.14857	0.0796927	0.762436	-1.31159	4.37798	1.34855	0.273805	1
cg03364683	DDX60L	0.0365802	0.015689	0.102263	-9.77869	0.00276684	0.0416699	-23.9981	0.0152374	0.100805	-9.92017	0.258198	0.403179	-2.48029	0.102537	0.252708	-3.95713	0.095483	0.244109	-4.09652	0.266839	0.410365	-2.43685	0.0848797	0.2306	-4.33652	0.139198	0.293633	-3.40561	3.80565	35.7307	8.34565	1
cg02942142	DDX60L	0.037063	0.017505	0.466145	-2.14526	0.0434155	0.541687	-1.84608	0.0101796	0.425151	-2.35211	0.0473885	0.549517	-1.81978	0.00803375	0.408054	-2.45066	0.076224	0.594116	-1.68317	0.0740719	0.591318	-1.69114	0.13012	0.649517	-1.5396	0.127318	0.64713	-1.54528	3.78751	4.17889	0.980742	1
cg06654302	DDX60L	0.0428957	0.109564	0.531102	-1.88288	0.303513	0.681495	-1.46736	0.164333	0.584867	-1.70979	0.467264	1.304	1.304	0.198438	0.612283	-1.63323	?	?	?	0.00665385	3.72374	3.72374	0.225793	1.58197	1.58197	0.158164	0.579508	-1.7256	3.96645	7.00156	1.54455	1
cg27470295	DDX60L;DDX60L	0.0305206	0.537368	1.07261	1.07261	0.642568	1.05385	1.05385	0.190558	0.855937	-1.16831	0.889533	1.01572	1.01572	0.0217897	0.734187	-1.36205	0.327374	0.892733	-1.12016	0.00296463	0.632735	-1.58044	0.340088	1.11666	1.11666	0.085621	1.23767	1.23767	4.06191	0.810246	0.17731	1
cg08692705	DEAF1	0.000775602	0.0759784	0.59068	-1.69297	0.00130212	0.286935	-3.4851	0.01446	0.447771	-2.23329	0.812108	1.06555	1.06555	0.000419652	0.22519	-4.44069	9.47E-05	0.156569	-6.38695	0.00194397	0.310803	-3.21748	0.434119	0.808333	-1.23711	0.00366391	0.350787	-2.85074	12.6417	14.2315	1.00067	1
cg07157757	DEAF1	0.00613667	0.732985	1.04724	1.04724	0.912409	0.985279	-1.01494	0.00504668	0.606649	-1.6484	0.0627773	1.32603	1.32603	0.127085	0.800598	-1.24907	0.905128	0.984058	-1.0162	0.00492677	1.65205	1.65205	0.469835	0.90565	-1.10418	0.00231742	0.563555	-1.77445	6.89105	1.9826	0.255739	1
cg12231298	DEAF1	0.00760152	0.361362	0.812857	-1.23023	0.0171038	0.526323	-1.89997	0.0448458	0.601408	-1.66276	0.236871	0.760582	-1.31478	0.000369449	0.283993	-3.52122	0.0195965	0.536447	-1.86412	0.00361963	0.419132	-2.38588	0.513013	0.863725	-1.15778	0.0415194	0.595084	-1.68043	6.44679	4.97904	0.686514	1
cg21849770	DEAF1	0.015819	0.111934	1.64212	1.64212	0.119396	1.62291	1.62291	0.375297	0.770489	-1.29788	0.852158	1.05491	1.05491	0.000668392	0.224972	-4.445	0.0299303	0.481004	-2.07899	0.967284	0.988317	-1.01182	0.841321	0.944182	-1.05912	0.722255	0.90279	-1.10768	5.09021	6.6189	1.15584	1
cg15661352	DEAF1	0.0159616	0.265088	0.771004	-1.29701	0.206166	1.34795	1.34795	0.457494	1.18461	1.18461	0.624676	1.11673	1.11673	0.801184	0.945069	-1.05812	0.000629064	0.308273	-3.24388	0.0283547	1.78513	1.78513	0.657364	1.10512	1.10512	0.639461	0.899743	-1.11143	5.07505	4.02984	0.705822	1
cg07121722	DEAF1	0.0196111	0.01296	1.7685	1.7685	0.135359	0.742631	-1.34656	0.263651	0.806209	-1.24037	0.419953	1.16454	1.16454	0.938617	0.985863	-1.01434	0.556945	1.11608	1.11608	0.0014791	2.33468	2.33468	0.756124	1.05928	1.05928	0.19342	0.775374	-1.2897	4.73602	2.56342	0.481121	1
cg17005319	DEAF1	0.0282744	0.246041	1.43039	1.43039	0.118673	0.606685	-1.6483	0.323993	0.740421	-1.35058	0.179982	1.52217	1.52217	0.0188139	0.431836	-2.31569	0.00193294	0.274042	-3.64908	0.432688	0.789591	-1.26648	0.615119	0.861075	-1.16134	0.246148	0.699174	-1.43026	4.17341	5.75391	1.22552	1
cg19897495	DEAF1	0.0369184	0.826077	0.947167	-1.05578	0.0099484	2.23218	2.23218	0.0475485	1.74888	1.74888	0.94427	0.982905	-1.01739	0.696508	1.10151	1.10151	0.01438	2.10476	2.10476	0.0206988	1.98791	1.98791	0.228009	0.731909	-1.36629	0.880381	0.963539	-1.03784	3.79292	3.6545	0.856451	1
cg10003766	DEAF1	0.0373158	0.0184507	0.409182	-2.4439	0.0491119	0.495489	-2.01821	0.0321568	0.45634	-2.19135	0.418556	0.772278	-1.29487	0.00366433	0.292775	-3.4156	0.046251	0.48975	-2.04186	0.370535	0.75016	-1.33305	0.619004	1.16966	1.16966	0.21531	0.665155	-1.50341	3.77813	5.84805	1.37588	1
cg14585967	1-Dec	1.39E-05	4.16E-06	0.0675026	-14.8142	0.0050235	0.391124	-2.55673	5.12E-05	0.146834	-6.81043	1.23E-05	0.0970889	-10.2998	0.105019	0.638879	-1.56524	0.00135292	0.308175	-3.24491	3.91E-06	0.0660163	-15.1478	0.0383937	0.545087	-1.83457	5.79E-05	0.151748	-6.58986	37.2336	37.725	0.900622	1
cg16682686	1-Dec	0.00702007	0.00286808	0.284193	-3.51873	0.0102068	0.370325	-2.70033	0.6275	0.860726	-1.16181	0.0221114	0.431009	-2.32014	0.007533	0.348301	-2.87108	0.915891	0.968118	-1.03293	0.357301	0.747992	-1.33691	0.00217324	0.267308	-3.74101	0.0053649	0.324783	-3.07898	6.60922	9.84691	1.32433	1
cg13918206	1-Dec	0.0133386	0.0490743	0.575527	-1.73754	0.00787014	0.432377	-2.3128	0.28829	0.76255	-1.31139	0.0176481	2.03365	2.03365	0.117586	1.51885	1.51885	0.0113477	2.18037	2.18037	0.170455	1.43186	1.43186	0.695881	1.10142	1.10142	0.795647	1.0659	1.0659	5.38469	5.15695	0.851294	1
cg23409075	DECR1	0.00934841	0.00193036	0.346082	-2.88949	0.0386188	0.560338	-1.78464	0.628576	0.88882	-1.12509	0.43491	1.21244	1.21244	0.00105129	0.309731	-3.22861	0.630148	1.12447	1.12447	0.236395	0.740828	-1.34984	0.516987	0.853117	-1.17217	0.0206673	0.509773	-1.96166	6.03904	5.59182	0.823062	1
cg23705487	DECR1	0.0102119	0.00184496	0.465503	-2.14821	0.812484	0.959737	-1.04195	0.379947	1.16853	1.16853	0.228703	0.803758	-1.24416	0.00238354	0.480808	-2.07983	0.622811	0.917839	-1.08952	0.323914	1.19265	1.19265	0.113286	1.34719	1.34719	0.16651	1.29059	1.29059	5.87108	2.78063	0.420991	1
cg27040700	DECR1	0.0116802	0.0272316	0.645129	-1.55008	0.0116211	1.69735	1.69735	0.00853332	0.569552	-1.75577	0.03728	0.666676	-1.49998	0.548698	1.10714	1.10714	0.432725	1.14371	1.14371	0.228941	1.23585	1.23585	0.449449	1.13799	1.13799	0.0277296	0.646357	-1.54713	5.6225	2.50492	0.396015	1
cg10818319	DECR1	0.0255704	0.291379	0.702598	-1.42329	0.40246	1.31817	1.31817	0.624437	1.17243	1.17243	0.558811	1.20997	1.20997	0.00240674	0.255899	-3.90779	0.842019	1.06645	1.06645	0.0036888	0.282168	-3.54399	0.976702	1.00946	1.00946	0.661776	0.867693	-1.15248	4.32314	7.11657	1.46325	1
cg10152030	DECR2	0.000153206	0.658105	1.04499	1.04499	2.14E-05	0.429348	-2.32911	0.0210689	1.31545	1.31545	0.101406	0.83758	-1.19392	2.07E-05	0.427752	-2.3378	0.0540666	0.805677	-1.24119	0.331797	1.10401	1.10401	0.0947751	0.834059	-1.19896	0.0136159	0.739613	-1.35206	19.744	3.0537	0.13748	1
cg00481259	DECR2	0.0043132	0.0024293	0.169379	-5.90391	0.225562	1.70811	1.70811	0.384928	1.45461	1.45461	0.0313274	2.89365	2.89365	0.00187232	0.156373	-6.39497	0.671053	1.19687	1.19687	0.227627	1.70366	1.70366	0.017889	3.35581	3.35581	0.138176	1.95722	1.95722	7.67571	21.5129	2.49131	1
cg16492043	DECR2	0.00540173	0.332565	1.12411	1.12411	0.000359617	0.511752	-1.95407	0.00835976	0.674075	-1.48351	0.294675	1.13565	1.13565	0.443197	1.09582	1.09582	0.760588	0.964861	-1.03642	0.0283622	1.35377	1.35377	0.226207	0.861797	-1.16037	0.236362	0.864827	-1.1563	7.1671	1.55504	0.192862	1
cg02963119	DECR2	0.01976	0.0125137	0.165419	-6.04525	0.465309	1.53782	1.53782	0.986557	1.00981	1.00981	0.0560965	3.50121	3.50121	0.00763882	0.13721	-7.28812	0.667134	1.28479	1.28479	0.43345	1.58874	1.58874	0.0387597	3.99919	3.99919	0.116439	2.68588	2.68588	4.72389	25.0964	4.72235	1
cg27453301	DECR2	0.0276614	0.346455	1.14305	1.14305	0.265235	1.17364	1.17364	0.00459121	1.68253	1.68253	0.0151403	1.50912	1.50912	0.148703	1.23811	1.23811	0.567817	0.923462	-1.08288	0.0623347	1.33552	1.33552	0.8118	0.967642	-1.03344	0.00687165	1.62034	1.62034	4.20576	1.26668	0.267713	1
cg06180606	DECR2	0.0299037	0.0663875	0.482717	-2.07161	0.032857	2.41808	2.41808	0.73601	1.12716	1.12716	0.0813411	1.98075	1.98075	0.016973	0.357041	-2.8008	0.425433	1.33365	1.33365	0.491455	1.28043	1.28043	0.0267446	2.53059	2.53059	0.197009	1.6201	1.6201	4.0915	8.10899	1.7617	1
cg10509880	DECR2	0.0367579	0.788313	1.10725	1.10725	0.400232	0.721811	-1.3854	0.155036	0.56208	-1.77911	0.344588	0.691737	-1.44564	0.00108369	0.161028	-6.21008	0.0259712	0.36767	-2.71983	0.141008	0.549155	-1.82098	0.941429	0.972565	-1.02821	0.125503	0.533814	-1.87331	3.79894	8.62308	2.01766	1
cg07973095	DECR2	0.0487019	0.082733	0.157389	-6.35366	0.497414	1.9405	1.9405	0.679327	1.49184	1.49184	0.039538	9.88585	9.88585	0.0880603	0.163427	-6.11893	0.898758	0.884715	-1.13031	0.421119	2.2053	2.2053	0.006968	28.761	28.761	0.356026	2.49319	2.49319	3.42212	50.189	13.0365	1
cg13530292	DEDD2	1.93E-07	0.000776152	0.67202	-1.48805	0.01373	1.26885	1.26885	2.06E-09	9.11869	9.11869	0.00595233	0.754995	-1.32451	0.0642659	0.850037	-1.17642	0.330961	0.924603	-1.08155	0.017215	0.797068	-1.2546	0.0738957	1.16845	1.16845	0.0287954	1.22323	1.22323	111.362	10.7712	0.0859751	1
cg18563680	DEDD2	2.27E-06	0.326336	0.884319	-1.13081	0.0416345	1.32968	1.32968	3.16E-08	11.3424	11.3424	0.295646	0.876722	-1.14061	0.000332633	0.495329	-2.01886	0.305965	0.879336	-1.13722	0.0389998	0.748361	-1.33625	0.00431816	1.58859	1.58859	0.540022	0.927501	-1.07817	59.4704	13.862	0.207192	1
cg08837858	DEDD2	2.93E-06	0.000522463	0.482308	-2.07336	0.00014899	2.40776	2.40776	6.16E-08	11.9374	11.9374	0.483883	0.908532	-1.10068	0.144294	1.23548	1.23548	0.414725	1.11897	1.11897	0.00263327	0.570473	-1.75293	0.736678	1.04655	1.04655	0.045231	0.733634	-1.36308	55.6847	16.0326	0.255927	1
cg22968175	DEDD2	6.79E-05	0.526174	0.923901	-1.08237	0.0256891	0.721408	-1.38618	6.92E-07	5.26477	5.26477	0.581896	0.933763	-1.07094	0.209785	1.17691	1.17691	0.821279	1.02828	1.02828	0.0313386	1.36511	1.36511	0.217323	1.17345	1.17345	0.992896	1.0011	1.0011	24.5438	5.90337	0.213799	1
cg11745227	DEDD2	0.000124852	0.00230757	0.303996	-3.28952	0.624718	1.14782	1.14782	0.0296019	2.04665	2.04665	0.0958295	1.66783	1.66783	0.000490923	0.217226	-4.6035	0.479808	0.818016	-1.22247	5.99E-06	0.0584353	-17.1129	0.949623	0.982486	-1.01783	0.00180462	0.289076	-3.4593	20.8619	25.8378	1.1009	1
cg01324115	DEDD2	0.000238978	0.0453705	0.703311	-1.42185	0.0451139	1.42261	1.42261	2.84E-06	5.57805	5.57805	0.125904	1.28907	1.28907	0.267054	0.837533	-1.19398	0.388443	1.14514	1.14514	0.976482	0.99549	-1.00453	0.994178	1.00112	1.00112	0.631055	0.928493	-1.07701	17.5036	6.51758	0.330983	1
cg26897054	DEDD2	0.000272485	0.845464	0.973643	-1.02707	0.463278	0.902857	-1.1076	2.10E-06	4.93519	4.93519	0.159727	1.22831	1.22831	0.425497	1.11783	1.11783	0.384875	1.1297	1.1297	0.985509	0.997517	-1.00249	0.18379	1.2129	1.2129	0.395711	1.12643	1.12643	16.8885	5.01151	0.26377	1
cg26836479	DEDD2	0.000756464	0.304155	0.794542	-1.25859	0.14172	0.710735	-1.40699	0.0407051	0.600118	-1.66634	0.000873619	0.339976	-2.94138	4.25E-05	0.185991	-5.37659	0.0340377	1.70689	1.70689	0.570576	1.13188	1.13188	0.222648	1.31911	1.31911	0.0141881	0.520001	-1.92307	12.7308	9.41698	0.65751	1
cg03900542	DEDD2	0.00147457	0.0604831	0.665441	-1.50276	0.97506	0.994003	-1.00603	2.14E-05	5.18767	5.18767	0.750768	0.940527	-1.06323	0.722146	0.933606	-1.07112	0.0632051	1.49487	1.49487	0.471675	0.8686	-1.15128	0.898485	0.975741	-1.02486	0.994172	1.00141	1.00141	10.5313	6.17511	0.521207	1
cg03094935	DEDD2	0.00256091	0.0123648	5.01334	5.01334	0.489061	1.42196	1.42196	6.08E-05	60.8419	60.8419	0.0801741	2.68015	2.68015	?	?	?	0.0676506	2.83302	2.83302	0.347163	1.62564	1.62564	0.289831	0.57572	-1.73695	0.228233	1.89023	1.89023	10.8291	37.2675	3.01125	1
cg14277260	DEDD2	0.00264027	0.343753	1.41596	1.41596	0.72164	1.13607	1.13607	2.77E-05	19.0055	19.0055	0.825786	1.08179	1.08179	0.533618	0.798652	-1.25211	0.139482	1.76315	1.76315	0.301265	0.682531	-1.46514	0.39938	1.36024	1.36024	0.392549	1.36665	1.36665	8.8879	17.9013	1.79033	1
cg13790259	DEDD2	0.00850407	0.0844302	0.704444	-1.41956	0.218043	0.788342	-1.26849	0.0876741	0.707507	-1.41341	0.753444	0.943805	-1.05954	0.0002154	0.321859	-3.10695	0.5625	1.11346	1.11346	0.0728988	1.44368	1.44368	0.663238	1.08374	1.08374	0.643481	0.918009	-1.08931	6.22308	3.32043	0.474283	1
cg02015303	DEDD2	0.0108493	0.391322	1.39062	1.39062	0.429993	1.35317	1.35317	0.000113577	12.7335	12.7335	0.804317	1.09768	1.09768	0.988089	1.00562	1.00562	0.352407	1.43229	1.43229	0.540182	0.792294	-1.26216	0.947906	1.02484	1.02484	0.642032	1.19216	1.19216	5.75805	12.8546	1.98441	1
cg10774636	DEDD2	0.0357836	0.638382	1.52561	1.52561	0.686124	1.43681	1.43681	0.00123464	88.6025	88.6025	0.220268	0.31421	-3.18259	0.96562	0.962309	-1.03917	0.184539	0.28197	-3.54648	0.177634	0.275538	-3.62926	0.971474	1.03239	1.03239	0.934416	1.07612	1.07612	4.20299	51.7738	9.58091	1
cg14013103	DEDD2	0.0451152	0.239625	0.774837	-1.29059	0.383423	1.20341	1.20341	0.072215	0.659894	-1.51539	0.0694048	0.65652	-1.52318	0.21774	0.764427	-1.30817	0.16165	1.36291	1.36291	0.00825736	2.01336	2.01336	0.846625	1.04093	1.04093	0.305426	0.802637	-1.24589	3.52215	2.39419	0.604224	1
cg19466178	DEDD2;DEDD2	0.00050061	0.848778	0.934672	-1.06989	0.0345815	0.418068	-2.39195	2.66E-05	18.8817	18.8817	0.584596	1.21578	1.21578	0.631278	0.842707	-1.18665	0.502052	1.27267	1.27267	0.000441259	0.140299	-7.12766	0.434973	0.754338	-1.32567	0.269823	1.50181	1.50181	14.2857	28.3394	1.76335	1
cg15516558	DEDD;DEDD;DEDD	8.02E-05	0.00175989	0.343457	-2.91157	0.071871	1.61908	1.61908	0.00117942	0.319469	-3.13019	0.925732	0.97789	-1.02261	0.243654	0.746372	-1.33981	2.20E-05	0.129538	-7.71971	1.16E-05	0.107678	-9.28692	0.0900829	1.56513	1.56513	0.00897644	0.450756	-2.21849	23.4814	21.3852	0.809536	1
cg22799212	DEDD;DEDD;DEDD	0.000145414	0.0486174	0.6695	-1.49365	0.842992	1.03596	1.03596	0.0955778	1.38559	1.38559	0.0141406	0.583118	-1.71492	0.0720409	0.699305	-1.42999	1.41E-06	0.11197	-8.93097	0.210543	0.790562	-1.26492	0.344548	0.840781	-1.18937	0.169155	0.77034	-1.29813	20.0237	10.0622	0.44668	1
cg05116342	DEDD;DEDD;DEDD	0.000154164	0.000608868	0.396631	-2.52123	0.00752246	0.547615	-1.8261	0.767508	0.949421	-1.05327	0.0221263	1.61661	1.61661	0.000600952	0.395889	-2.52596	0.0204002	0.613058	-1.63117	6.25E-06	0.170722	-5.85748	0.682092	0.930435	-1.07477	0.0310247	0.641946	-1.55776	19.7109	9.56819	0.431491	1
cg17013990	DEDD;DEDD;DEDD	0.00190394	0.0489077	0.703111	-1.42225	0.057408	1.40025	1.40025	0.164673	0.792786	-1.26137	0.00181817	0.499428	-2.00229	0.00196942	0.504054	-1.98391	0.0010888	0.470005	-2.12764	0.00998867	0.600782	-1.6645	0.395659	1.14598	1.14598	0.00419337	0.548386	-1.82353	9.78102	3.8007	0.345404	1
cg16402746	DEDD;DEDD;DEDD	0.00312267	0.0192013	0.685282	-1.45925	0.066424	1.316	1.316	0.512969	1.09254	1.09254	0.0070471	1.59142	1.59142	0.00336397	0.587355	-1.70255	0.337565	0.876445	-1.14097	0.00393396	0.595987	-1.67789	0.0205554	1.45089	1.45089	0.53079	0.91879	-1.08839	8.45681	2.38329	0.250506	1
cg27229962	DEDD;DEDD;DEDD	0.00568975	0.869499	0.954702	-1.04745	0.324765	0.750753	-1.332	0.0186454	0.447552	-2.23438	0.591376	1.16507	1.16507	0.000589686	0.223908	-4.46613	0.011941	0.412982	-2.42141	0.023109	0.464974	-2.15066	0.105516	1.64633	1.64633	0.0116101	0.41087	-2.43386	7.05364	8.87891	1.11891	1
cg19588863	DEDD;DEDD;DEDD	0.00834312	0.229492	0.734959	-1.36062	0.0893015	0.632828	-1.58021	0.339602	0.786339	-1.27172	0.372818	1.25037	1.25037	0.000539968	0.268721	-3.72133	0.0279121	0.530232	-1.88597	0.00492018	0.402583	-2.48396	0.194487	1.39821	1.39821	0.325708	0.780497	-1.28123	6.26074	5.91384	0.839636	1
cg04130657	DEDD;DEDD;DEDD	0.0161911	0.00428249	0.428373	-2.33442	0.0267746	1.78992	1.78992	0.113827	1.46476	1.46476	0.73807	1.07731	1.07731	0.812048	1.05427	1.05427	0.0390509	1.69886	1.69886	0.0241319	0.550666	-1.81598	0.488685	0.855502	-1.1689	0.522256	1.15476	1.15476	5.051	3.938	0.693021	1
cg11832544	DEDD;DEDD;DEDD	0.0239524	0.12132	0.633007	-1.57976	0.335031	1.31081	1.31081	0.294886	0.743987	-1.34411	0.00271678	0.323941	-3.08698	0.0997871	0.612002	-1.63398	0.0287598	0.49553	-2.01804	0.147948	1.52585	1.52585	0.339524	0.764918	-1.30733	0.0288126	0.495685	-2.01741	4.42243	5.19074	1.04332	1
cg07014742	DEDD;DEDD;DEDD	0.0392268	0.273023	0.754707	-1.32502	0.544486	0.859574	-1.16337	0.623438	1.12984	1.12984	0.724286	0.91634	-1.0913	0.324489	0.778016	-1.28532	0.000827562	3.46291	3.46291	0.912102	1.02761	1.02761	0.565777	1.15397	1.15397	0.788431	1.0686	1.0686	3.70968	3.57552	0.856743	1
cg25372275	DEDD;DEDD;DEDD	0.0474974	0.189966	0.657173	-1.52167	0.158774	1.57803	1.57803	0.98896	1.00416	1.00416	0.915461	0.968671	-1.03234	0.391315	0.767781	-1.30245	0.349684	0.748381	-1.33622	0.00308918	0.278635	-3.58892	0.0361523	0.473311	-2.11277	0.0709884	0.540526	-1.85005	3.7544	5.23012	1.08349	1
cg25658385	DEF6	2.55E-07	0.0175477	1.2065	1.2065	0.139778	1.10871	1.10871	0.46625	1.04934	1.04934	1.22E-07	0.334684	-2.98789	0.00414404	0.779075	-1.28357	3.15E-06	0.487678	-2.05053	6.86E-08	0.307833	-3.24851	1.03E-05	1.84741	1.84741	0.147902	1.10609	1.10609	103.851	6.93855	0.0593889	1
cg04670848	DEF6	0.000148634	0.192806	0.759258	-1.31708	0.468576	0.862986	-1.15877	8.44E-05	0.243532	-4.10623	0.663914	0.916347	-1.09129	0.0149488	0.549941	-1.81838	0.879383	0.970112	-1.03081	1.15E-05	0.155885	-6.415	0.000337765	0.315214	-3.17245	0.000368769	0.320019	-3.12481	19.9059	12.5881	0.562113	1
cg12655375	DEF6	0.000402606	0.0176752	1.94303	1.94303	0.00341392	2.49897	2.49897	0.000120913	4.69261	4.69261	0.00257009	2.61767	2.61767	0.00328901	0.397758	-2.51409	0.0816573	0.641341	-1.55923	0.377233	1.23191	1.23191	0.151815	0.702265	-1.42396	0.00192583	2.74715	2.74715	15.173	12.7335	0.745971	1
cg13220900	DEF6	0.000500955	0.0365233	1.57927	1.57927	0.001658	0.428983	-2.3311	5.22E-05	4.14576	4.14576	0.0121264	1.80034	1.80034	0.223586	1.27181	1.27181	0.112949	0.722954	-1.38321	0.340514	1.20286	1.20286	0.695074	1.07689	1.07689	0.00151108	2.36172	2.36172	14.283	7.99824	0.497764	1
cg27321913	DEF6	0.00155133	0.22347	0.754497	-1.32539	0.521489	1.15385	1.15385	0.210838	1.33693	1.33693	0.0403007	0.593473	-1.685	0.000216368	0.256811	-3.89392	0.243256	0.764199	-1.30856	0.217079	1.33114	1.33114	0.000597155	3.21192	3.21192	0.527845	1.15128	1.15128	10.3785	7.97347	0.682906	1
cg07294541	DEF6	0.0173884	0.0288998	2.25188	2.25188	0.0436806	2.0766	2.0766	0.372697	1.33426	1.33426	0.125439	1.68637	1.68637	0.412286	0.767859	-1.30232	0.187869	0.644195	-1.55233	0.138635	1.65259	1.65259	0.000884279	4.80704	4.80704	0.731483	1.11465	1.11465	4.93204	7.75615	1.39787	1
cg02927327	DEF6	0.0205937	0.669018	1.08055	1.08055	0.0228718	1.63309	1.63309	0.356508	1.18629	1.18629	0.0413742	0.654552	-1.52776	0.97482	1.0057	1.0057	0.187164	1.28639	1.28639	0.00351674	2.04006	2.04006	0.0124281	1.75141	1.75141	0.959872	1.0091	1.0091	4.65796	2.39388	0.45683	1
cg00237391	DEF6	0.0237539	0.993388	0.997517	-1.00249	0.0462552	1.98388	1.98388	0.214442	1.4801	1.4801	0.247313	0.695652	-1.4375	0.438949	1.26723	1.26723	0.0896802	1.75295	1.75295	0.00248764	3.52967	3.52967	0.00855393	2.73584	2.73584	0.567976	0.841003	-1.18906	4.43519	6.32255	1.26715	1
cg18486815	DEF6	0.0307591	0.17016	1.57186	1.57186	0.101938	1.74054	1.74054	0.00587243	3.053	3.053	0.0166028	2.47346	2.47346	0.811871	0.928846	-1.07661	0.0676282	0.530578	-1.88474	0.401157	1.30476	1.30476	0.657179	1.14829	1.14829	0.0391942	2.09325	2.09325	4.05067	6.14794	1.34912	1
cg05583848	DEF6	0.0394953	0.645244	1.14436	1.14436	0.175608	1.52032	1.52032	0.904259	1.03562	1.03562	0.128807	0.620359	-1.61197	0.250035	0.704932	-1.41858	0.423625	1.26835	1.26835	0.00530668	2.9116	2.9116	0.010584	2.54777	2.54777	0.707514	1.11587	1.11587	3.70039	4.95862	1.19114	1
cg10418263	DEF6	0.0445897	0.377373	1.30251	1.30251	0.0350686	2.0472	2.0472	0.615083	0.862486	-1.15944	0.262265	1.40646	1.40646	0.110187	0.601704	-1.66195	0.151549	0.638682	-1.56572	0.70705	0.895689	-1.11646	0.00521795	2.93112	2.93112	0.749786	0.910864	-1.09786	3.53763	4.77016	1.19858	1
cg03355690	DEF6;DEF6	0.00184897	0.319268	1.26244	1.26244	0.00252694	2.58379	2.58379	0.656231	1.10676	1.10676	0.0820464	1.54687	1.54687	0.0579357	0.615487	-1.62473	0.222081	0.747849	-1.33717	0.0393255	1.71571	1.71571	7.50E-05	5.09097	5.09097	0.339652	1.2496	1.2496	9.86464	8.00928	0.721705	1
cg14960043	DEF6;DEF6	0.0156961	0.0866506	1.59931	1.59931	0.00459109	2.55025	2.55025	0.366007	0.794178	-1.25916	0.941396	1.01841	1.01841	0.111585	0.650513	-1.53725	0.560825	0.864223	-1.15711	0.127856	1.5045	1.5045	0.0022662	2.88578	2.88578	0.584391	1.14689	1.14689	5.10341	4.97622	0.866736	1
cg03987653	DEF8;DEF8	0.00426028	0.770783	0.907052	-1.10247	0.265275	1.47355	1.47355	0.0749518	0.515687	-1.93916	0.200168	0.636418	-1.57129	0.0209439	0.39545	-2.52877	0.000599328	0.170647	-5.86006	0.065107	1.99684	1.99684	0.315693	1.414	1.414	0.0024129	0.243872	-4.10051	7.70443	13.6063	1.56981	1
cg03721293	DEF8;DEF8	0.0217702	0.788832	1.05627	1.05627	0.00453067	2.16269	2.16269	0.0429812	1.60799	1.60799	0.00912305	1.96506	1.96506	0.17391	1.34316	1.34316	0.152486	1.36692	1.36692	0.142159	0.724825	-1.37964	0.580272	0.892334	-1.12066	0.0333884	1.66034	1.66034	4.57036	3.01074	0.585558	1
cg07150036	DEF8;DEF8	0.0317326	0.350678	0.910214	-1.09864	0.557747	0.943593	-1.05978	0.0870449	1.2033	1.2033	0.37675	0.914999	-1.0929	0.00308086	0.672499	-1.48699	0.250776	1.12471	1.12471	0.0355212	1.27087	1.27087	0.343543	1.10028	1.10028	0.883132	1.01451	1.01451	4.00588	0.608534	0.135031	1
cg25193494	DEF8;DEF8	0.0329601	0.103926	0.553658	-1.80617	0.964368	0.985256	-1.01496	0.216312	0.648801	-1.5413	0.908014	1.03918	1.03918	0.0544145	0.483981	-2.0662	0.0796077	0.523656	-1.90965	0.065643	0.503119	-1.9876	0.000981521	0.196017	-5.10159	0.291653	0.695015	-1.43882	3.95177	6.91979	1.5565	1
cg00705004	DEFA10P	0.000543466	8.99E-05	0.235677	-4.2431	0.811042	0.951792	-1.05065	0.00648295	0.481893	-2.07515	0.157833	0.73233	-1.36551	0.770144	0.941351	-1.0623	0.000107437	0.244365	-4.09225	0.000590416	0.334594	-2.98869	0.457384	0.855456	-1.16897	0.00439015	0.456263	-2.19172	13.9635	9.41105	0.59909	1
cg05787038	DEFA10P	0.00441862	0.00186974	0.130738	-7.64891	0.227536	0.557562	-1.79352	0.00588305	0.189737	-5.27046	0.157677	0.498222	-2.00714	0.00377653	0.164923	-6.06343	0.0254753	0.293932	-3.40214	0.00537773	0.18449	-5.42034	0.00461305	0.175791	-5.68856	0.00207007	0.135322	-7.38979	7.61978	25.6647	2.99393	1
cg24860332	DEFA10P	0.0179334	0.907479	0.976964	-1.02358	0.495193	0.870371	-1.14894	0.674603	0.918839	-1.08833	0.862716	0.965901	-1.0353	0.000470657	0.332358	-3.00881	0.00744382	0.501122	-1.99552	0.0991796	0.696048	-1.43668	0.850033	0.962767	-1.03867	0.387696	0.837378	-1.1942	4.88121	3.10649	0.565706	1
cg02787689	DEFA10P	0.0261278	0.00464288	0.328958	-3.0399	0.493939	1.22767	1.22767	0.00394522	0.318219	-3.14249	0.212585	0.678647	-1.47352	0.152487	0.636015	-1.57229	0.411964	1.28108	1.28108	0.358762	0.756809	-1.32134	0.497074	0.815798	-1.22579	0.0315415	0.474947	-2.1055	4.29072	5.92499	1.22745	1
cg26123975	DEFA1;DEFA3;DEFA1B	0.0197532	0.0124963	0.397151	-2.51793	0.0187825	0.429107	-2.33042	0.208005	0.674026	-1.48362	0.0157391	0.415012	-2.40957	0.0111704	0.388677	-2.57283	0.342203	0.747656	-1.33751	0.0217669	0.441152	-2.26679	0.066919	0.543164	-1.84106	0.00473062	0.327882	-3.04988	4.72444	6.60741	1.24316	1
cg18235192	DEFA1B;DEFA1	0.000545997	6.50E-05	0.134206	-7.45125	0.859685	0.952706	-1.04964	0.000200078	0.180954	-5.52626	0.0101114	0.411277	-2.43145	0.54497	0.84557	-1.18263	0.0420383	0.526519	-1.89927	0.057027	1.8033	1.8033	0.0243527	0.47964	-2.0849	0.00185166	0.298208	-3.35336	13.9454	16.5584	1.05544	1
cg19304352	DEFA4	0.000246098	0.00038577	0.587538	-1.70202	0.162457	0.869325	-1.15032	0.000787319	0.620931	-1.61049	0.170995	0.87207	-1.1467	0.258206	1.11716	1.11716	0.00330629	1.45606	1.45606	0.000421161	1.69012	1.69012	0.447686	0.92991	-1.07537	0.000875284	0.625848	-1.59783	17.3642	2.42503	0.124139	1
cg26423283	DEFA4	0.00114695	0.000176266	0.184697	-5.41426	0.0145025	0.449398	-2.2252	0.00139359	0.292305	-3.42108	0.00542062	0.378366	-2.64294	0.103675	0.623383	-1.60415	0.00485095	0.370839	-2.69659	0.0302391	1.96724	1.96724	0.0289506	0.504669	-1.9815	0.0108232	0.427419	-2.33962	11.3168	12.6409	0.992892	1
cg19401149	DEFA4	0.00146492	0.00492748	0.431603	-2.31695	0.284283	1.28522	1.28522	0.00158313	0.359453	-2.782	0.00869196	0.470289	-2.12635	0.267403	0.770554	-1.29777	0.0193877	1.89224	1.89224	0.00724184	0.457642	-2.18512	0.553308	0.873467	-1.14486	0.000452082	0.287281	-3.48091	10.5512	8.50461	0.716473	1
cg07089660	DEFA4	0.00304771	0.000959236	0.112489	-8.88976	0.00555436	0.205315	-4.87057	0.00142796	0.13022	-7.67928	0.452189	0.726663	-1.37615	0.00792057	0.229048	-4.3659	0.00116647	0.120981	-8.26573	0.00303971	0.169058	-5.91512	0.044131	0.374326	-2.67147	0.0109504	0.252379	-3.96229	10.0291	26.8706	2.08387	1
cg21006539	DEFA4	0.00521506	0.0136158	0.272751	-3.66635	0.0112862	0.259044	-3.86035	0.00803613	0.235643	-4.24372	0.0116665	0.261423	-3.82522	0.000865573	0.119071	-8.39834	0.0539878	0.394132	-2.53722	0.0149691	0.279895	-3.57277	0.0261107	0.325123	-3.07576	0.00234099	0.16398	-6.0983	7.24474	20.7883	2.5506	1
cg19657214	DEFA4	0.0427921	0.0103197	0.120265	-8.31498	0.130166	0.342525	-2.9195	0.0114555	0.125736	-7.95319	0.0341272	0.197808	-5.05541	0.0202329	0.159584	-6.2663	0.185212	0.398176	-2.51145	0.0683656	0.262519	-3.80924	0.250427	0.455144	-2.19711	0.040323	0.211729	-4.72301	3.59232	24.44	6.04746	1
cg04636166	DEFA5	0.000373542	0.0971313	0.682666	-1.46484	0.0962533	0.681848	-1.4666	0.000428512	0.310763	-3.21788	0.0303839	0.586499	-1.70503	0.000839591	0.348781	-2.86713	0.0423677	0.612507	-1.63263	2.12E-05	0.16601	-6.02374	0.00640429	0.475341	-2.10375	0.000349753	0.299663	-3.33708	15.4895	10.7848	0.618901	1
cg19791907	DEFA5	0.00357639	0.000600804	0.366375	-2.72944	0.00148465	0.419152	-2.38577	0.0209564	0.590394	-1.69378	0.104438	0.714121	-1.40032	0.181404	0.764034	-1.30884	0.0323643	0.621703	-1.60848	0.0570563	1.50447	1.50447	0.375276	1.18842	1.18842	0.0436893	0.644108	-1.55253	8.12113	4.62866	0.506624	1
cg23679004	DEFA5	0.00387893	0.0242574	0.486933	-2.05367	0.570704	1.16595	1.16595	0.00639781	0.386517	-2.58721	0.446927	0.812449	-1.23085	0.00471429	0.365653	-2.73484	0.702268	0.902209	-1.10839	0.00162923	0.298356	-3.3517	0.507285	1.19751	1.19751	0.000805517	0.25799	-3.87611	7.92551	9.01135	1.01067	1
cg04747619	DEFA5	0.00632465	0.102467	0.446314	-2.24058	0.102631	0.446517	-2.23956	0.00857503	0.220086	-4.54368	0.0337093	0.326392	-3.0638	0.0022297	0.144629	-6.91424	0.0179582	0.273026	-3.66265	0.00150425	0.126837	-7.88416	0.0030452	0.159992	-6.25031	0.0220144	0.289364	-3.45585	6.82701	22.0373	2.86929	1
cg15481539	DEFA5	0.0167504	0.587383	0.844854	-1.18364	0.750551	1.10312	1.10312	0.3006	0.718882	-1.39105	0.291312	0.71395	-1.40066	0.00108466	0.226702	-4.41107	0.477856	0.800875	-1.24863	0.00206812	0.263214	-3.79919	0.601171	1.1762	1.1762	0.973301	1.01035	1.01035	4.99411	7.48921	1.33298	1
cg16834356	DEFA6	2.60E-05	4.70E-06	0.0807981	-12.3765	0.954774	1.0137	1.0137	0.000369512	0.254707	-3.92608	0.546493	0.863797	-1.15768	2.93E-05	0.140027	-7.1415	0.00305588	0.377813	-2.64681	7.83E-06	0.095307	-10.4924	0.00845476	0.446325	-2.24052	0.000280552	0.240474	-4.15846	31.6077	28.8167	0.810398	1
cg27212977	DEFA6	0.0167635	0.166271	0.71816	-1.39245	0.14065	1.42684	1.42684	0.00323342	0.40619	-2.4619	0.577102	1.13467	1.13467	0.574618	0.880569	-1.13563	0.687793	1.09483	1.09483	0.00737217	0.460954	-2.16941	0.973624	1.00744	1.00744	0.0111659	0.490025	-2.04071	4.99281	3.97765	0.708156	1
cg07974303	DEFA6	0.0233541	0.0239551	0.266998	-3.74535	0.00343831	0.142552	-7.01496	0.0224359	0.26166	-3.82175	0.237793	0.545403	-1.83351	0.812508	0.890044	-1.12354	0.381401	1.55288	1.55288	0.0497683	0.333837	-2.99548	0.133949	2.2086	2.2086	0.453788	0.687915	-1.45367	4.46128	16.9804	3.38327	1
cg19033555	DEFB1	0.00383079	0.00126853	0.146939	-6.80554	0.00278552	0.186151	-5.37199	0.0122366	0.280065	-3.5706	0.811368	1.10241	1.10241	0.0474452	0.396647	-2.52113	0.120184	0.502873	-1.98857	0.000545186	0.111807	-8.94396	0.605295	0.808485	-1.23688	0.0252702	0.33798	-2.95875	7.95535	20.9517	2.34103	1
cg20710667	DEFB1	0.00756259	0.00842869	0.337816	-2.96019	0.000698043	0.188606	-5.30206	0.00237822	0.254996	-3.92163	0.0232119	0.416737	-2.39959	0.582867	0.836175	-1.19592	0.283252	0.697932	-1.43281	0.0132522	0.371502	-2.69177	0.118125	0.578494	-1.72863	0.404662	0.759538	-1.31659	6.45717	10.6413	1.46488	1
cg10076006	DEFB1	0.00822019	0.00299401	0.100851	-9.91561	0.414468	0.624974	-1.60007	0.026829	0.228144	-4.38319	0.716836	0.814454	-1.22782	0.00328902	0.104697	-9.55136	0.142889	0.411771	-2.42854	0.00122478	0.0695993	-14.368	0.0718156	0.32222	-3.10347	0.0179979	0.197998	-5.05056	6.29013	31.6299	4.46977	1
cg08528213	DEFB104A;DEFB104B	0.00135971	0.150344	0.743151	-1.34562	0.387288	1.18605	1.18605	0.0012717	0.40449	-2.47225	0.000156742	0.287755	-3.47518	0.380422	0.84094	-1.18914	0.533273	1.12919	1.12919	0.0612494	0.66626	-1.50091	0.000411606	0.339657	-2.94415	0.846649	0.963406	-1.03798	10.7795	6.32924	0.521917	1
cg11604418	DEFB104B;DEFB104A	0.000332392	0.0014871	0.409629	-2.44123	0.767157	0.943808	-1.05954	2.71E-05	0.199308	-5.01736	0.182737	0.759278	-1.31704	0.000641312	0.360396	-2.77473	0.0011117	0.392318	-2.54895	0.0171957	0.568114	-1.76021	0.000230273	0.303857	-3.29102	0.0340144	0.617577	-1.61923	15.9943	9.60943	0.534046	1
cg14839256	DEFB104B;DEFB104A	0.00112276	0.186277	0.621221	-1.60973	0.141037	0.583991	-1.71236	0.000350095	0.141922	-7.04612	0.000594615	0.165098	-6.05702	0.000494452	0.156767	-6.37891	0.183308	0.618977	-1.61557	0.000405601	0.148132	-6.75075	0.0228999	0.396605	-2.5214	0.0319733	0.425784	-2.34861	11.3857	20.8156	1.62509	1
cg14752139	DEFB104B;DEFB104A	0.0069089	0.218664	0.862887	-1.1589	0.160114	0.842766	-1.18657	0.00187366	0.60489	-1.65319	0.626032	0.945559	-1.05758	0.0663253	1.26459	1.26459	0.00915585	1.45831	1.45831	0.886604	0.983867	-1.0164	0.00789071	1.4747	1.4747	0.73762	0.962401	-1.03907	6.64218	1.36678	0.182909	1
cg10218759	DEFB104B;DEFB104A	0.010571	0.0584954	0.292973	-3.41329	0.0155434	0.1819	-5.49751	0.016844	0.187331	-5.33814	0.0571278	0.29051	-3.44223	0.00783588	0.14087	-7.09877	0.0157627	0.182837	-5.46934	0.00386156	0.106923	-9.35253	0.00288256	0.0950091	-10.5253	0.0432491	0.263058	-3.80144	5.80636	30.3329	4.64363	1
cg01849065	DEFB104B;DEFB104A	0.0216596	0.0858817	0.319102	-3.1338	0.0101188	0.14192	-7.04623	0.0256517	0.202868	-4.92931	0.131322	0.375182	-2.66537	0.0151952	0.166208	-6.01657	0.122874	0.365694	-2.73453	0.00696742	0.122375	-8.17161	0.00550938	0.111279	-8.98642	0.095619	0.332328	-3.00908	4.57835	26.2602	5.09843	1
cg16767307	DEFB105B;DEFB105A	0.0204536	0.151199	0.836627	-1.19528	0.0213029	0.725452	-1.37845	0.0550371	0.777014	-1.28698	0.0142231	0.704169	-1.42011	0.324461	1.12526	1.12526	0.898972	1.01484	1.01484	0.00921744	1.4672	1.4672	0.396704	0.904249	-1.10589	0.516783	1.07921	1.07921	4.66881	0.99454	0.189349	1
cg04034846	DEFB105B;DEFB106A;DEFB106B;DEFB105A	0.0208978	0.483656	0.795638	-1.25685	0.707878	0.886133	-1.1285	0.00138963	0.225804	-4.42863	0.334673	0.726485	-1.37649	0.0597616	0.505489	-1.97828	0.795321	1.08707	1.08707	0.345034	1.36663	1.36663	0.00538555	0.308284	-3.24376	0.157066	0.615074	-1.62582	4.63474	7.57103	1.45203	1
cg01683000	DEFB106B;DEFB105A;DEFB105B;DEFB106A	0.00513838	0.502108	0.832497	-1.20121	0.00935433	2.42781	2.42781	0.00070798	0.249417	-4.00936	0.633368	0.878687	-1.13806	0.0467242	0.541814	-1.84565	0.962998	0.987593	-1.01256	0.295494	1.33905	1.33905	0.00458774	0.362202	-2.76089	0.282013	0.740169	-1.35104	7.27764	8.34816	1.01964	1
cg08181657	DEFB106B;DEFB106A	0.000451553	0.00120197	0.390404	-2.56145	0.681944	1.08513	1.08513	0.000129739	0.267628	-3.73653	0.000550314	0.345169	-2.89713	0.00157858	0.406713	-2.45874	0.546727	1.12854	1.12854	0.414804	0.847667	-1.17971	0.0014673	0.402312	-2.48563	0.000744038	0.362366	-2.75964	14.6997	9.15162	0.553396	1
cg10673328	DEFB107A;DEFB107B	0.0245874	0.0487392	0.206771	-4.83627	0.0547867	0.217559	-4.59646	0.0140402	0.119615	-8.36013	0.0644172	0.233447	-4.28363	0.0576145	0.222374	-4.49692	0.059613	0.225699	-4.43068	0.00760488	0.090406	-11.0612	0.00564676	0.0786177	-12.7198	0.0319807	0.172116	-5.81004	4.3825	34.032	6.9026	1
cg19810628	DEFB108B	0.000458888	0.0515506	0.661927	-1.51074	0.0745213	0.690794	-1.44761	0.300073	0.818781	-1.22133	0.217121	1.2735	1.2735	7.56E-05	0.262685	-3.80684	0.135498	0.741149	-1.34926	3.14E-05	0.220617	-4.53274	0.338659	1.20157	1.20157	0.0276038	0.615715	-1.62413	14.6343	8.03428	0.488001	1
cg03095255	DEFB108B	0.000720931	0.853955	0.966906	-1.03423	0.863529	1.03192	1.03192	0.845687	1.03623	1.03623	0.850992	1.03494	1.03494	3.84E-05	0.236544	-4.22755	0.0284714	0.623626	-1.60352	0.000118987	0.292456	-3.41932	0.821441	0.959555	-1.04215	0.0801269	0.701459	-1.4256	12.9039	6.81709	0.469597	1
cg06846700	DEFB108B	0.00745449	0.0151957	0.637519	-1.56858	0.129092	0.780682	-1.28093	0.00204663	0.518914	-1.9271	0.445773	0.889286	-1.1245	0.00184584	0.513002	-1.94931	0.0241159	0.666296	-1.50083	0.00213117	0.521235	-1.91852	0.647463	0.932853	-1.07198	0.113047	0.770765	-1.29741	6.48636	2.3413	0.320851	1
cg02585622	DEFB110;DEFB110	0.0116967	0.0526076	0.66276	-1.50884	0.10113	1.39813	1.39813	0.00272382	0.461807	-2.1654	0.0296051	0.619965	-1.61299	0.162123	1.32133	1.32133	0.0790614	0.694893	-1.43907	0.211854	0.782304	-1.27827	0.00870415	0.535748	-1.86655	0.818626	1.04381	1.04381	5.61993	3.10175	0.490596	1
cg19765351	DEFB110;DEFB110	0.0290775	0.828603	0.897307	-1.11445	0.00343387	0.137182	-7.28959	0.126767	0.438032	-2.28294	0.0143115	0.221026	-4.52436	0.099066	0.405057	-2.46879	0.50431	1.40304	1.40304	0.140536	0.452781	-2.20858	0.0104777	0.199858	-5.00355	0.461588	0.687577	-1.45438	4.13233	16.3471	3.51637	1
cg06546787	DEFB112	0.0036001	0.00876183	0.516585	-1.93579	0.0482536	0.639845	-1.56288	0.0195287	0.572146	-1.7478	0.0100251	0.525686	-1.90228	0.00903413	0.518645	-1.9281	0.0245797	0.588786	-1.69841	0.00025682	0.304042	-3.28902	0.00475146	0.476275	-2.09963	0.00920088	0.519879	-1.92353	8.10507	5.02381	0.550964	1
cg19592003	DEFB114	0.0125669	0.473095	1.16709	1.16709	0.00670746	0.474958	-2.10545	0.00185256	0.392332	-2.54886	0.0165818	0.538144	-1.85824	0.00475901	0.45216	-2.21161	0.269777	0.784006	-1.2755	0.634545	0.903574	-1.10672	0.577021	0.887532	-1.12672	0.508403	0.867567	-1.15265	5.49048	3.89895	0.631226	1
cg25361651	DEFB115	0.00158431	0.000859666	0.156206	-6.4018	0.000233425	0.103915	-9.62326	0.598217	0.820975	-1.21806	0.439581	0.746461	-1.33965	0.00174689	0.191049	-5.23425	0.0475694	0.431462	-2.3177	0.0450033	0.425986	-2.34749	0.0346983	2.49256	2.49256	0.170005	0.581493	-1.71971	10.3157	22.4815	1.9372	1
cg10305299	DEFB115	0.0167673	0.0102622	0.143801	-6.95406	0.00349501	0.0930031	-10.7523	0.0846954	0.318864	-3.13613	0.189559	0.434754	-2.30015	0.00723259	0.125243	-7.98445	0.0501176	0.262135	-3.81483	0.00593406	0.115672	-8.64512	0.27674	0.507564	-1.9702	0.0584297	0.277548	-3.60298	4.99243	28.411	5.0585	1
cg11509284	DEFB116	0.00259627	0.000651063	0.216145	-4.62653	0.47626	0.808765	-1.23645	0.0126306	0.403104	-2.48075	0.00878904	0.376153	-2.65849	0.000223279	0.165252	-6.05137	0.350692	1.32507	1.32507	0.112311	0.602543	-1.65963	0.48925	0.813963	-1.22856	0.065181	0.545175	-1.83427	8.93207	12.1466	1.20879	1
cg13700506	DEFB116	0.0198935	0.0123143	0.281942	-3.54683	0.00881617	0.258077	-3.87482	0.0290801	0.351767	-2.84279	0.138148	0.52286	-1.91256	0.00570856	0.229416	-4.35889	0.0567349	0.416464	-2.40117	0.00655025	0.238209	-4.198	0.320994	0.659365	-1.51661	0.0893295	0.467236	-2.14025	4.71311	12.315	2.3226	1
cg03014957	DEFB118	0.00378539	0.00846495	0.204734	-4.88439	0.00122038	0.107223	-9.32633	0.0589314	0.365536	-2.73571	0.574931	1.30649	1.30649	0.00777343	0.199363	-5.01598	0.0149897	0.243885	-4.1003	0.000696933	0.0871175	-11.4788	0.201458	0.529151	-1.88982	0.0123995	0.230255	-4.34301	7.9839	28.1494	3.13401	1
cg14143580	DEFB118	0.00758001	0.00160657	0.0858413	-11.6494	0.095589	0.370279	-2.70067	0.00852445	0.161756	-6.18217	0.0508884	0.299107	-3.34329	0.00128193	0.0782624	-12.7775	0.854016	0.904881	-1.10512	0.0250826	0.235488	-4.2465	0.123737	0.404667	-2.47117	0.0117993	0.181506	-5.50945	6.45251	30.0943	4.14575	1
cg20312687	DEFB118	0.0185492	0.00810668	0.0868756	-11.5107	0.00612434	0.0759188	-13.172	0.106445	0.280685	-3.56271	0.150821	0.329664	-3.03339	0.0163333	0.120523	-8.29718	0.129148	0.306731	-3.26019	0.00442816	0.0647516	-15.4436	0.0204175	0.133468	-7.49246	0.0789513	0.245138	-4.07934	4.82603	39.7019	7.31255	1
cg18456942	DEFB118	0.0231763	0.0301991	0.328497	-3.04416	0.00406504	0.185502	-5.39078	0.161868	0.520786	-1.92017	0.363468	0.665019	-1.50372	0.0122386	0.255839	-3.9087	0.396554	0.684406	-1.46112	0.00783418	0.22523	-4.4399	0.013846	0.264875	-3.77537	0.214597	0.565154	-1.76943	4.47306	13.5158	2.68587	1
cg19453059	DEFB118	0.0342981	0.0305929	0.260522	-3.83844	0.0154162	0.207244	-4.82524	0.0539747	0.31406	-3.18411	0.58184	0.744927	-1.34241	0.00894641	0.171972	-5.8149	0.0517506	0.309745	-3.22846	0.00929449	0.174269	-5.73826	0.175521	0.466422	-2.14398	0.0926496	0.375429	-2.66362	3.89555	17.2937	3.94608	1
cg07594472	DEFB119;DEFB119	0.00219859	0.00441322	0.221496	-4.51475	0.00181028	0.172144	-5.80908	0.0170714	0.31558	-3.16877	0.0461418	0.404012	-2.47518	0.00213479	0.180613	-5.53669	0.00990263	0.274583	-3.64189	0.000249377	0.0909416	-10.9961	0.0205259	0.330539	-3.02536	0.00869569	0.265454	-3.76713	9.37905	23.3703	2.2149	1
cg03262887	DEFB119;DEFB119;DEFB119	0.016827	0.00906739	0.389074	-2.57021	0.713823	0.900464	-1.11054	0.0384775	0.505337	-1.97888	0.556488	0.844253	-1.18448	0.00792234	0.379339	-2.63616	0.0572285	0.542078	-1.84475	0.00393253	0.331394	-3.01756	0.00733088	0.373819	-2.67509	0.309947	0.741506	-1.34861	4.98651	6.39912	1.1407	1
cg18462653	DEFB119;DEFB119;DEFB119	0.02427	0.0410727	0.27148	-3.68352	0.00210209	0.0913696	-10.9446	0.062497	0.3136	-3.18878	0.240014	0.506362	-1.97487	0.00556764	0.133419	-7.49518	0.0537807	0.297818	-3.35775	0.0675406	0.322092	-3.10471	0.0682768	0.323297	-3.09313	0.116481	0.389271	-2.5689	4.4023	21.3328	4.3074	1
cg06372145	DEFB119;DEFB119;DEFB119	0.0420367	0.0327104	0.155488	-6.43136	0.0051709	0.0639497	-15.6373	0.116475	0.280707	-3.56244	0.671973	0.728161	-1.37332	0.0102028	0.0895891	-11.1621	0.249805	0.408282	-2.44929	0.0576984	0.202204	-4.94549	0.0621852	0.209339	-4.77694	0.0986752	0.25958	-3.85237	3.61615	31.772	7.8099	1
cg20810997	DEFB119;DEFB119;DEFB119;DEFB119;DEFB119;DEFB119	0.0109758	0.0105339	0.259354	-3.85574	0.0281383	0.337128	-2.96623	0.0131513	0.275457	-3.63033	0.129311	0.502941	-1.9883	0.014097	0.280659	-3.56304	0.0315726	0.34745	-2.87812	0.00203399	0.161354	-6.19755	0.00460396	0.205686	-4.86179	0.0891107	0.455555	-2.19512	5.73659	15.977	2.47565	1
cg04476891	DEFB121	0.00194495	0.029126	0.332944	-3.00351	0.000155407	0.0626286	-15.9672	0.0459127	0.375824	-2.66082	0.0746698	0.427724	-2.33796	0.00152465	0.141994	-7.04254	0.0149454	0.278044	-3.59656	0.00113216	0.128891	-7.7585	0.00431197	0.195483	-5.11552	0.0723821	0.424186	-2.35745	9.72058	28.1649	2.57552	1
cg08292485	DEFB121	0.00666323	0.0211578	0.274604	-3.64161	?	?	?	0.0692688	0.387648	-2.57966	0.34911	0.637987	-1.56743	0.0011299	0.107081	-9.3387	0.00728553	0.199143	-5.02152	0.00295372	0.149141	-6.70505	0.0101872	0.220744	-4.53014	0.166412	0.502577	-1.98975	6.85773	20.9895	3.06071	1
cg14727409	DEFB121	0.0166061	0.0164895	0.160546	-6.22873	0.0142984	0.151671	-6.59324	0.10037	0.325039	-3.07655	0.0617102	0.268794	-3.72032	0.0214185	0.178043	-5.61661	0.0342346	0.213868	-4.67579	0.00207355	0.0667333	-14.985	0.0129183	0.145618	-6.86728	0.0690303	0.280762	-3.56173	5.00856	30.9202	5.48753	1
cg19830128	DEFB121	0.0188331	0.0167042	0.288354	-3.46796	0.0107399	0.255511	-3.91372	0.0319638	0.34309	-2.91469	0.141834	0.510531	-1.95875	0.0073808	0.230048	-4.34693	0.0342402	0.349408	-2.86198	0.00469979	0.202065	-4.94891	0.133917	0.502554	-1.98984	0.0336575	0.347822	-2.87504	4.80136	13.7774	2.55065	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00377916	DEFB122	0.0038152	0.0239474	0.550776	-1.81562	0.0249744	0.554	-1.80505	0.0180709	0.529528	-1.88848	0.257895	0.769982	-1.29873	0.0135276	0.508291	-1.96738
cg03146196	DEFB122	0.00605817	0.364802	0.663049	-1.50818	0.00316096	0.168709	-5.92736	0.0417199	0.354926	-2.81749	0.169812	0.524536	-1.90645	0.00129042	0.126263	-7.91996
cg27295571	DEFB122	0.0444664	0.8917	0.918683	-1.08851	0.0499629	0.248621	-4.02218	0.035124	0.216936	-4.60965	0.0387987	0.225459	-4.4354	0.00606761	0.107421	-9.30916
cg17497172	DEFB123	4.11E-07	1.38E-06	0.167373	-5.97468	9.98E-06	0.252576	-3.95921	6.23E-06	0.230914	-4.33062	1.13E-06	0.159551	-6.26757	1.87E-08	0.044823	-22.31
cg26063872	DEFB123	4.44E-06	6.05E-05	0.319611	-3.1288	0.0934834	1.32846	1.32846	0.00210348	0.513799	-1.94629	6.79E-06	0.214952	-4.65221	1.69E-07	0.082969	-12.0527
cg25974831	DEFB123	5.87E-06	7.93E-06	0.198387	-5.04065	0.0378956	0.671585	-1.48902	0.000162959	0.345105	-2.89767	9.31E-05	0.31571	-3.16747	1.76E-07	0.0700506	-14.2754
cg18323376	DEFB123	0.000169916	4.58E-05	0.0881579	-11.3433	0.01044	0.361884	-2.76331	0.00179835	0.246608	-4.05502	0.00442785	0.301995	-3.31131	1.40E-05	0.0574717	-17.3999
cg19788417	DEFB123	0.00356454	0.00783532	0.562763	-1.77695	0.000348444	0.379542	-2.63476	0.00909367	0.572153	-1.74778	0.256263	0.819032	-1.22095	0.000668307	0.415996	-2.40387
cg13950362	DEFB123	0.00415141	0.000485462	0.232405	-4.30284	0.00462863	0.365965	-2.7325	0.0910417	0.608558	-1.64323	0.0302756	0.506818	-1.97309	0.000484096	0.232259	-4.30554
cg19241311	DEFB123	0.0193246	0.0982378	0.394511	-2.53478	0.00346058	0.130593	-7.6574	0.0637822	0.343454	-2.91159	0.0759227	0.363126	-2.75386	0.00467546	0.145345	-6.88017
cg25946540	DEFB123;DEFB123	0.00417777	0.00213742	0.241327	-4.14376	0.375722	0.74112	-1.34931	0.0153576	0.375135	-2.6657	0.0158232	0.3775	-2.649	0.000924583	0.195835	-5.10633
cg03900072	DEFB124	0.0134352	0.015323	0.178609	-5.59882	0.00526988	0.118966	-8.40579	0.0993743	0.351584	-2.84427	0.213808	0.468836	-2.13294	0.00725258	0.134717	-7.42298
cg01981417	DEFB124	0.0147683	0.0593077	0.402823	-2.48248	0.265387	0.60915	-1.64163	0.0434601	0.370939	-2.69586	0.0211891	0.30624	-3.26541	0.00369531	0.187204	-5.34177
cg26446630	DEFB124	0.0405831	0.535454	1.26651	1.26651	0.92257	1.03728	1.03728	0.101593	0.50926	-1.96363	0.0546374	0.44011	-2.27216	0.0158867	0.328915	-3.0403
cg25412387	DEFB124;REM1	0.000233086	0.0142179	0.420425	-2.37854	0.000803445	0.234752	-4.25981	0.000187603	0.164376	-6.0836	0.00106218	0.24997	-4.00048	3.87E-05	0.104464	-9.57272
cg08088390	DEFB125	7.43E-05	3.22E-05	0.108035	-9.25622	0.00251717	0.315287	-3.17171	0.000869965	0.252982	-3.95284	0.064623	1.77018	1.77018	8.85E-05	0.144874	-6.90253
cg01958189	DEFB125	0.000467773	9.61E-05	0.114455	-8.73702	0.000105039	0.117615	-8.50235	0.488507	0.802686	-1.24582	0.265827	0.696177	-1.43642	0.000196671	0.141571	-7.06358
cg12738399	DEFB125	0.0105072	0.00599349	0.307305	-3.2541	0.0176575	0.387446	-2.581	0.0294124	0.430553	-2.32259	0.182691	0.62842	-1.59129	0.00689685	0.316964	-3.15493
cg18865733	DEFB125	0.032395	0.439808	0.87281	-1.14573	0.0869564	0.721528	-1.38595	0.0293037	0.641908	-1.55786	0.867483	0.971577	-1.02925	0.00155128	0.455783	-2.19403
cg20305726	DEFB126	8.54E-06	5.87E-05	0.321061	-3.11467	0.0648727	1.3724	1.3724	0.00608311	0.578752	-1.72785	0.253615	0.833569	-1.19966	1.72E-07	0.0852443	-11.731
cg24116886	DEFB127	0.00690346	0.595853	0.921675	-1.08498	0.000559347	0.442435	-2.26022	0.410224	0.879571	-1.13692	0.479497	0.896252	-1.11576	0.0198365	1.53504	1.53504
cg17888219	DEFB127	0.0190799	0.00250164	0.188677	-5.30006	0.623131	1.21736	1.21736	0.524095	0.77386	-1.29222	0.0828852	0.466472	-2.14375	0.247009	0.618364	-1.61717
cg16931068	DEFB127	0.0447265	0.0346324	0.469393	-2.13041	0.0974515	0.572132	-1.74785	0.435624	0.78332	-1.27662	0.942966	0.978271	-1.02221	0.0878847	0.56083	-1.78307
cg23781075	DEFB128	0.00621303	0.00859413	0.29521	-3.38742	0.0071669	0.282559	-3.53908	0.020165	0.360566	-2.77341	0.398453	1.36986	1.36986	0.00260498	0.219092	-4.5643
cg02301189	DEFB128	0.0306652	0.997778	0.998985	-1.00102	0.505302	0.78143	-1.27971	0.0264561	0.382861	-2.61192	0.632552	1.19215	1.19215	0.0119765	0.318601	-3.13872
cg21216130	DEFB128	0.0448003	0.101659	1.58598	1.58598	0.63455	0.884048	-1.13116	0.475634	0.829694	-1.20526	0.0385171	0.539582	-1.85329	0.157304	1.47585	1.47585
cg02046532	DEFB129	2.96E-05	0.000351035	0.260441	-3.83963	0.191126	1.38289	1.38289	0.000338493	0.258531	-3.86801	0.524207	1.16318	1.16318	7.54E-06	0.099613	-10.0389
cg00769470	DEFB129	0.0034915	0.000857653	0.166809	-5.99487	0.00659774	0.283189	-3.53121	0.0120056	0.326018	-3.06732	0.979627	1.00918	1.00918	0.000571369	0.148373	-6.73977
cg19931902	DEFB129	0.0120538	0.0311134	0.254556	-3.9284	0.0473416	0.293155	-3.41116	0.0474814	0.293446	-3.40779	0.514139	0.699222	-1.43016	0.0192653	0.216319	-4.6228
cg09592958	DEFB129	0.0148246	0.188504	0.428846	-2.33184	0.0256489	0.199731	-5.00673	0.086573	0.316535	-3.15921	0.882111	0.913776	-1.09436	0.00344346	0.0894527	-11.1791
cg02745398	DEFB131	2.32E-05	1.89E-06	0.0714133	-14.003	0.000520793	0.298821	-3.34649	8.10E-05	0.204483	-4.89039	0.0582793	0.620197	-1.61239	0.000720697	0.31705	-3.15408
cg04182591	DEFB131	0.000474341	0.196127	0.774766	-1.29071	0.495665	1.13787	1.13787	0.00420815	0.488897	-2.04542	0.0157823	0.575688	-1.73705	0.00239758	0.453942	-2.20292
cg26389500	DEFB131	0.0299042	0.00427194	0.129169	-7.74181	0.0405293	0.281825	-3.5483	0.0280297	0.249205	-4.01276	0.198094	0.482742	-2.0715	0.0158704	0.205633	-4.86302
cg13151472	DEFB132	0.00270372	0.111319	0.519577	-1.92464	0.000337879	0.112942	-8.85408	0.0331264	0.390511	-2.56075	0.780412	0.899877	-1.11126	0.00205464	0.194123	-5.15137
cg18239253	DEFB132	0.040734	0.0126671	0.203341	-4.91785	0.0171963	0.224858	-4.44725	0.0412034	0.297998	-3.35573	0.982964	0.989085	-1.01104	0.0147301	0.21373	-4.67881
cg00676360	DEFB133	0.000816222	0.00045215	0.209659	-4.76965	0.000362995	0.198882	-5.0281	0.233847	0.702806	-1.42287	0.596195	0.859753	-1.16313	0.000380586	0.201176	-4.97076
cg20126775	DEFB133	0.000893214	0.0129329	0.400121	-2.49925	0.000608086	0.208364	-4.7993	0.000637933	0.210794	-4.74397	0.00320049	0.302793	-3.30258	0.000306237	0.175416	-5.70075
cg22388608	DEFB133	0.00116076	0.0917666	0.644278	-1.55213	0.0146457	0.490794	-2.03751	0.000452643	0.270077	-3.70264	0.000448324	0.269562	-3.70972	0.000184509	0.224	-4.46429
cg00938547	DEFB133	0.0356167	0.0569275	0.194673	-5.13682	0.0118979	0.0921446	-10.8525	0.0286039	0.140636	-7.11057	0.0955778	0.248919	-4.01736	0.0244475	0.130514	-7.66204
cg04293489	DEFB133	0.0381817	0.382462	0.896534	-1.11541	0.0247957	0.721927	-1.38518	0.00496427	0.63536	-1.57391	0.0206819	0.711948	-1.4046	0.0379518	0.745701	-1.34102
cg17097119	DEFB133	0.0382819	0.475081	1.15485	1.15485	0.00517722	0.481142	-2.07839	0.00881301	0.516309	-1.93682	0.240541	0.783834	-1.27578	0.918869	1.0204	1.0204
cg02101571	DEFB134	0.0161307	0.79656	0.929496	-1.07585	0.322037	1.33578	1.33578	0.00214389	0.295178	-3.38779	0.221227	0.694954	-1.43894	0.497616	0.822941	-1.21515
cg06266132	DEFB134	0.0399123	0.60302	0.844496	-1.18414	0.00647526	0.319744	-3.1275	0.00593992	0.313821	-3.18653	0.545436	1.21788	1.21788	0.056014	0.49795	-2.00823
cg01134551	DEFB135	0.000547925	0.535076	1.13408	1.13408	0.606871	1.10955	1.10955	0.00103341	0.377735	-2.64736	0.000652748	0.351117	-2.84805	0.000128223	0.263447	-3.79584
cg12807628	DEFB135	0.0109661	0.00610636	0.282993	-3.53365	0.1752	0.601401	-1.66278	0.00792409	0.3009	-3.32336	0.00950637	0.313895	-3.18578	0.0384516	0.429202	-2.3299
cg22743884	DEFB135	0.015946	0.406276	1.29409	1.29409	0.215285	0.673146	-1.48556	0.000888723	0.22074	-4.53022	0.161592	0.635345	-1.57395	0.0659142	0.534666	-1.87033
cg05226729	DEFB135	0.0196227	0.611641	1.24669	1.24669	0.211893	1.7617	1.7617	0.0136059	0.268591	-3.72313	0.406559	1.44141	1.44141	0.143007	1.96965	1.96965
cg03265268	DEFB135	0.0329452	0.751406	0.86802	-1.15205	0.88353	1.06746	1.06746	0.00976606	0.233335	-4.28569	0.459337	0.714953	-1.39869	0.558005	0.768089	-1.30193
cg01058004	DEFB136	0.00125468	0.349987	1.19397	1.19397	0.0128434	0.556005	-1.79854	0.757292	0.944689	-1.05855	0.00357211	0.46718	-2.1405	0.0517805	0.660724	-1.51349
cg11465442	DEFB136	0.00576162	0.00867623	0.468673	-2.13368	0.96838	0.99106	-1.00902	0.00272193	0.391521	-2.55414	0.262374	1.3031	1.3031	0.00268543	0.390666	-2.55973
cg05852732	DEFB136	0.0298366	0.825743	0.927245	-1.07846	0.583821	0.827356	-1.20867	0.081079	0.51552	-1.93979	0.00203456	0.225345	-4.43765	0.0313222	0.420925	-2.37572
cg27127887	DEFB136	0.0498815	0.0343033	0.39611	-2.52455	0.080644	0.483531	-2.06812	0.014017	0.320541	-3.11973	0.751642	0.887741	-1.12645	0.0378753	0.405373	-2.46686
cg10499879	DEFB4	0.0167785	0.617568	1.06761	1.06761	0.915615	0.986319	-1.01387	0.00452089	0.611547	-1.6352	0.105226	1.25869	1.25869	0.436635	1.10865	1.10865
cg09502069	DEGS1;DEGS1	2.87E-05	0.00172844	0.323131	-3.09472	0.0163176	0.476942	-2.10041	0.000257092	0.218548	-4.57566	0.766137	0.927388	-1.0783	0.667898	0.896658	-1.11525
cg23213217	DEGS1;DEGS1	0.003932	0.0035163	0.355274	-2.81473	0.905669	1.03148	1.03148	0.915708	0.972698	-1.02807	0.918014	0.973438	-1.02729	0.000406326	0.230115	-4.34566
cg12279138	DEGS1;DEGS1	0.0147087	0.0150392	0.262574	-3.80844	0.130371	2.07715	2.07715	0.841007	0.914048	-1.09403	0.313337	1.59458	1.59458	0.00321079	0.165364	-6.04728
cg02936919	DEGS1;DEGS1	0.0347134	0.200923	0.849102	-1.17771	0.0163063	1.42712	1.42712	0.0221835	1.39382	1.39382	0.11061	0.810151	-1.23434	0.657977	0.947475	-1.05544
cg17864958	DEGS1;DEGS1	0.0349762	0.338726	0.861739	-1.16044	0.00519497	0.573164	-1.7447	0.0930893	0.756711	-1.32151	0.165165	1.25032	1.25032	0.224411	0.824837	-1.21236
cg25087487	DEGS2	0.00269636	0.121036	0.791112	-1.26404	0.0362881	1.40391	1.40391	0.733847	0.953548	-1.04871	0.306982	1.15881	1.15881	0.805036	0.966119	-1.03507
cg04755365	DEGS2	0.00278693	0.463485	0.83393	-1.19914	4.93E-05	6.39353	6.39353	0.0342394	1.82433	1.82433	0.153325	1.4508	1.4508	0.577412	1.14681	1.14681
cg12059866	DEGS2	0.00969964	0.0287026	0.366959	-2.7251	0.0112034	0.290908	-3.43751	0.0221742	0.344595	-2.90196	0.0274046	0.362857	-2.75591	0.0178879	0.326888	-3.05915
cg09911485	DEGS2	0.0218734	0.599293	0.876466	-1.14095	0.00100612	3.36701	3.36701	0.15361	0.683886	-1.46223	0.847093	0.953122	-1.04918	0.619273	1.13267	1.13267
cg08180525	DEGS2	0.0218925	0.00655761	0.246076	-4.06378	0.277222	0.638453	-1.56629	0.0281643	0.357263	-2.79906	0.341492	1.47578	1.47578	0.00317365	0.201852	-4.95412
cg13708222	DEGS2	0.022543	0.0296131	0.298445	-3.3507	0.0277745	0.292853	-3.41468	0.352836	0.636731	-1.57052	0.0501266	0.348338	-2.87077	0.00803317	0.201186	-4.97052
cg01974091	DEGS2	0.0272957	0.15214	1.9076	1.9076	0.0211262	3.21351	3.21351	0.0328358	2.8606	2.8606	0.0416551	2.6878	2.6878	0.965862	0.982143	-1.01818
cg05129951	DEGS2	0.0323538	0.15474	1.42445	1.42445	0.966439	1.00982	1.00982	0.00975428	2.13663	2.13663	0.90042	1.02951	1.02951	0.335752	1.25932	1.25932
cg21923884	DEGS2	0.0358855	0.136124	0.744591	-1.34302	0.47193	1.14382	1.14382	0.0542783	1.49345	1.49345	0.0666934	0.685525	-1.45874	0.517595	1.12803	1.12803
cg01768697	DEGS2	0.0495974	0.439034	0.717438	-1.39385	0.0159062	3.46366	3.46366	0.103753	2.11387	2.11387	0.440965	0.718483	-1.39182	0.0792234	0.4405	-2.27015
cg23334804	DEK;DEK	0.00235881	0.214946	1.10085	1.10085	0.108259	0.878998	-1.13766	0.822284	1.0167	1.0167	0.0874064	0.870314	-1.14901	0.001427	0.712063	-1.40437
cg24583131	DEK;DEK	0.0151209	0.25556	0.788705	-1.2679	0.000439534	3.03562	3.03562	0.0628552	1.51974	1.51974	0.48039	0.866361	-1.15425	0.180305	1.32914	1.32914
cg26160196	DEK;DEK	0.0159539	0.748877	0.942152	-1.0614	0.790491	1.05064	1.05064	0.282333	1.23032	1.23032	0.844161	0.964145	-1.03719	0.0118056	0.558022	-1.79204
cg24737612	DEK;DEK	0.0185708	0.10535	0.606481	-1.64886	0.0201795	0.453011	-2.20745	0.0523261	0.535952	-1.86584	0.80447	1.07262	1.07262	0.923571	0.973244	-1.02749
cg23132254	DEK;DEK;DEK;DEK	0.00170539	0.731138	0.921907	-1.08471	0.0931176	1.5554	1.5554	0.0473386	1.72639	1.72639	0.000353304	0.231247	-4.32438	0.00447792	0.392234	-2.5495
cg05200311	DEK;DEK;DEK;DEK	0.0442956	0.0451005	0.790335	-1.26529	0.157884	1.16711	1.16711	0.388961	1.09457	1.09457	0.931962	0.991299	-1.00878	0.125696	1.18482	1.18482
cg04933954	DEM1	0.00959999	0.0069523	0.534351	-1.87143	0.704756	1.0707	1.0707	0.259484	1.23505	1.23505	0.782761	0.951608	-1.05085	0.253168	0.807205	-1.23884
cg04936970	DEM1	0.022054	0.883775	1.02523	1.02523	0.052576	0.687029	-1.45554	0.031244	0.65019	-1.53801	0.00637083	1.83082	1.83082	0.63902	0.922682	-1.0838
cg21285895	DEM1	0.0279015	0.162901	0.752801	-1.32837	0.0181362	0.578687	-1.72805	0.075139	0.685382	-1.45904	0.0382016	1.58084	1.58084	0.063643	0.671994	-1.48811
cg06158040	DEM1	0.0329046	0.345392	1.29965	1.29965	0.468132	0.819471	-1.2203	0.641417	0.881177	-1.13485	0.544811	1.17974	1.17974	0.361653	0.776549	-1.28775
cg02892595	DEM1;DEM1	0.00635826	0.0293458	1.80893	1.80893	0.335815	1.2576	1.2576	0.0160903	0.506501	-1.97433	0.00890494	0.463651	-2.1568	0.220371	1.34659	1.34659
cg13564064	DENND1A	2.49E-05	0.50873	1.15495	1.15495	0.000321888	0.286349	-3.49225	0.00140142	0.369974	-2.70289	0.188226	1.34935	1.34935	3.00E-06	0.0914705	-10.9325
cg05254143	DENND1A	0.00283352	0.163401	0.553048	-1.80816	0.0906108	0.475972	-2.10097	0.0415575	0.392306	-2.54903	0.780373	0.894666	-1.11774	0.000202922	0.0836629	-11.9527
cg14414874	DENND1A	0.0308897	0.0456329	0.401828	-2.48863	0.00426164	0.218406	-4.57862	0.0443285	0.398959	-2.50652	0.123872	0.515332	-1.9405	0.0319373	0.367871	-2.71834
cg21238812	DENND1A	0.036115	0.0268417	0.632303	-1.58152	0.0766426	0.708762	-1.41091	0.400792	1.16222	1.16222	0.852174	1.03315	1.03315	0.0697745	0.701541	-1.42543
cg14500932	DENND1A;DENND1A	0.00155501	0.626753	0.935693	-1.06873	5.67E-05	0.362766	-2.7566	0.274923	1.16657	1.16657	0.00280508	0.572073	-1.74803	0.117978	1.2589	1.2589
cg13413792	DENND1A;DENND1A	0.00164161	0.00862631	0.139545	-7.16613	0.00194983	0.0760656	-13.1466	0.00112332	0.0595921	-16.7807	0.00258525	0.0858027	-11.6546	0.180528	0.433371	-2.30749
cg14316679	DENND1A;DENND1A	0.00324613	0.993696	1.00121	1.00121	0.0746733	0.738101	-1.35483	0.0286677	0.673835	-1.48404	0.000602995	2.24582	2.24582	0.00788874	1.68412	1.68412
cg14537247	DENND1A;DENND1A	0.0034301	0.00319379	0.200417	-4.98959	0.0277583	0.353934	-2.82538	0.00377752	0.210062	-4.76051	0.00461196	0.221965	-4.50522	0.00574963	0.235684	-4.24297
cg14332653	DENND1A;DENND1A	0.00392467	0.34652	0.730403	-1.36911	0.00104343	0.207465	-4.8201	0.057032	0.497655	-2.00942	0.164313	0.618236	-1.6175	0.00251053	0.256604	-3.89705
cg13607242	DENND1A;DENND1A	0.0139039	0.655236	1.15295	1.15295	0.00635177	0.324619	-3.08053	0.00285761	0.272561	-3.6689	0.0236694	0.425084	-2.35247	0.0255786	0.431689	-2.31648
cg13618623	DENND1A;DENND1A	0.0160455	0.221403	0.697682	-1.43332	0.030679	0.491125	-2.03614	0.00313279	0.322613	-3.09969	0.676076	1.12489	1.12489	0.00158523	0.280837	-3.56078
cg14002328	DENND1A;DENND1A	0.0207126	0.00759977	0.301517	-3.31656	0.0995125	0.5323	-1.87864	0.0210503	0.379392	-2.6358	0.0246804	0.392888	-2.54525	0.0404444	0.437534	-2.28554
cg14028116	DENND1A;DENND1A	0.0380563	0.2384	1.40255	1.40255	0.0263636	0.486042	-2.05744	0.525322	0.838348	-1.19282	0.00865826	2.50127	2.50127	0.0223096	2.11738	2.11738
cg08831369	DENND1B	0.000663358	0.00137621	0.379266	-2.63667	0.025348	0.573887	-1.7425	0.00324332	0.432258	-2.31343	0.107308	0.692665	-1.4437	2.58E-05	0.175214	-5.70731
cg05780177	DENND1B;DENND1B	0.00100369	0.191819	0.805221	-1.24189	0.895973	1.02072	1.02072	0.584783	1.09037	1.09037	5.09E-05	3.28766	3.28766	0.0911989	0.747005	-1.33868
cg17723299	DENND1B;DENND1B	0.00126883	0.263156	0.766453	-1.30471	0.00196144	2.71258	2.71258	0.60116	0.886693	-1.12779	0.00145989	2.8519	2.8519	0.0383275	0.578532	-1.72851
cg02736602	DENND1B;DENND1B	0.0305708	0.270362	0.758244	-1.31884	0.0217244	0.51459	-1.9433	0.0642224	0.605648	-1.65112	0.0252284	0.526387	-1.89974	0.00426375	0.397675	-2.51462
cg12140668	DENND1B;DENND1B	0.0315747	0.180983	0.858005	-1.16549	0.390039	1.09963	1.09963	0.0161153	1.37367	1.37367	0.263958	1.13378	1.13378	0.370985	1.10412	1.10412
cg06671340	DENND1B;DENND1B	0.0416862	0.365413	0.747182	-1.33836	0.0473638	2.03602	2.03602	0.324325	1.37574	1.37574	0.0209329	2.3888	2.3888	0.0737426	0.535413	-1.86772
cg22379573	DENND1B;DENND1B	0.0446996	0.0219684	1.4445	1.4445	0.0298145	0.710247	-1.40796	0.0782904	0.769695	-1.29922	0.761749	1.04153	1.04153	0.998636	0.999771	-1.00023
cg21534578	DENND1B;DENND1B	0.0467248	0.144188	0.543662	-1.83938	0.0296369	2.70366	2.70366	0.177206	0.572846	-1.74567	0.332384	1.47469	1.47469	0.0129155	0.301532	-3.3164
cg10975057	DENND1B;DENND1B	0.0476092	0.266607	0.817092	-1.22385	0.163105	0.771197	-1.29669	0.42902	0.868573	-1.15131	0.210209	1.25916	1.25916	0.0569174	0.686583	-1.45649
cg06528223	DENND1C	3.50E-05	0.333513	1.12211	1.12211	0.0233433	0.731251	-1.36752	0.0113036	1.44256	1.44256	6.18E-05	2.34701	2.34701	0.000436328	1.90036	1.90036
cg24331853	DENND1C	6.20E-05	0.00208225	0.296213	-3.37595	0.166454	0.660807	-1.5133	0.000243848	0.182146	-5.49011	0.128866	0.630754	-1.5854	4.84E-05	0.116886	-8.55534
cg08936307	DENND1C	0.000293082	0.100795	0.791542	-1.26336	0.0375027	0.73056	-1.36881	0.000252802	0.456303	-2.19153	0.232186	0.849618	-1.177	0.000127336	0.420183	-2.37991
cg24007193	DENND1C	0.00122199	0.00461922	0.30665	-3.26104	0.0705526	0.530546	-1.88485	0.00606605	0.324997	-3.07695	0.0151424	0.392215	-2.54962	0.0200383	0.414737	-2.41116
cg02599912	DENND1C	0.00593525	0.29373	1.24169	1.24169	0.00458112	0.47226	-2.11748	0.149742	0.735683	-1.35928	0.368181	0.832171	-1.20168	0.149984	0.735836	-1.359
cg11599981	DENND1C	0.0150985	0.191576	1.40773	1.40773	0.000505259	3.83658	3.83658	0.21226	1.38402	1.38402	0.0163051	2.06776	2.06776	0.847113	0.953377	-1.0489
cg21986966	DENND1C	0.0186929	0.829017	1.04661	1.04661	0.397879	1.2	1.2	0.0351185	0.596311	-1.67698	0.776219	1.06186	1.06186	0.00514094	0.459145	-2.17796
cg24800063	DENND1C;DENND1C	0.0115592	0.870913	1.02979	1.02979	0.0198369	1.66148	1.66148	0.00451465	0.505009	-1.98016	0.0382916	0.648313	-1.54246	0.477991	1.13908	1.13908
cg23634624	DENND2A	0.00228622	0.0279951	0.647583	-1.5442	0.0058674	0.546861	-1.82862	0.00107676	0.445652	-2.24391	0.244817	1.22585	1.22585	0.000435426	0.394278	-2.53628
cg07835232	DENND2A	0.00547084	0.0120106	0.779542	-1.2828	0.499471	0.946966	-1.056	0.873575	0.987422	-1.01274	0.0188217	0.797553	-1.25384	0.088254	1.16127	1.16127
cg08319291	DENND2A	0.0130327	0.193708	0.76169	-1.31287	0.00607307	2.03237	2.03237	0.0305285	1.65394	1.65394	0.156969	0.741089	-1.34937	0.0269807	0.595447	-1.67941
cg13675721	DENND2A	0.0131579	0.320119	0.762778	-1.311	0.9272	0.9762	-1.02438	0.0127102	0.442108	-2.26189	0.0774451	0.596095	-1.67759	0.00066265	0.253062	-3.9516
cg03572619	DENND2A	0.0168548	0.268245	0.780214	-1.2817	0.00616156	0.463478	-2.1576	0.0104653	0.499798	-2.00081	0.0115758	0.506895	-1.9728	0.42568	1.19133	1.19133
cg26975184	DENND2A	0.0300827	0.0762299	2.11075	2.11075	0.958722	1.01979	1.01979	0.162075	1.76002	1.76002	0.0364859	2.51065	2.51065	0.264626	1.55317	1.55317
cg09787580	DENND2A	0.0481199	0.116885	0.704419	-1.41961	0.263161	1.27118	1.27118	0.409014	0.840559	-1.18968	0.508064	0.871003	-1.1481	0.00192765	0.405415	-2.46661
cg05625834	DENND2C	1.51E-05	0.0885722	0.813964	-1.22856	0.000200571	0.505967	-1.97641	0.000207228	0.506339	-1.97496	1.14E-05	0.360398	-2.77471	0.0269823	0.750546	-1.33236
cg10883038	DENND2C	0.00387428	0.796121	1.05287	1.05287	0.00100903	0.378781	-2.64005	0.0727691	0.671484	-1.48924	0.379686	1.19638	1.19638	0.000616729	0.350331	-2.85445
cg23620052	DENND2C	0.00561712	0.313752	1.14946	1.14946	0.388232	0.888493	-1.1255	0.0107512	1.53493	1.53493	0.722332	1.04886	1.04886	0.00151164	0.542813	-1.84225
cg15934415	DENND2C	0.017356	0.612898	1.1975	1.1975	0.980233	0.991286	-1.00879	0.308354	1.45133	1.45133	0.0027291	0.231862	-4.31292	0.00992924	0.316466	-3.1599
cg14521523	DENND2C;DENND2C	4.79E-05	0.0705706	1.14338	1.14338	0.0236925	1.19609	1.19609	0.102757	1.12565	1.12565	0.0302717	0.844607	-1.18398	0.00212509	0.751043	-1.33148
cg23141333	DENND2C;DENND2C	0.0263592	0.0442671	1.34361	1.34361	0.970478	1.00474	1.00474	0.0177439	1.45562	1.45562	0.0349799	0.73047	-1.36898	0.114948	0.80324	-1.24496
cg07019187	DENND2D	0.000269456	0.0352529	0.705952	-1.41653	0.0235667	0.681163	-1.46808	0.297495	1.16575	1.16575	0.000332766	0.361894	-2.76322	0.544298	0.916547	-1.09105
cg15591803	DENND2D	0.000976976	0.000939388	0.410179	-2.43796	0.973789	1.00595	1.00595	0.00125096	0.42693	-2.3423	0.000599551	0.384389	-2.60153	0.168469	0.76721	-1.30342
cg19268695	DENND2D	0.00182113	0.0456499	0.631217	-1.58424	0.497793	0.870928	-1.1482	0.00690613	0.495571	-2.01788	0.00589652	0.485225	-2.06132	7.73E-05	0.237612	-4.20854
cg14829060	DENND2D	0.00187636	0.00226818	0.602081	-1.66091	0.00495944	1.55578	1.55578	0.701018	0.955201	-1.0469	0.00359126	0.625953	-1.59756	0.0529641	0.770059	-1.2986
cg00619207	DENND2D	0.00478457	0.140182	0.760363	-1.31516	0.822931	0.962049	-1.03945	0.000750926	0.413728	-2.41704	0.00279522	0.491027	-2.03655	0.00442824	0.519127	-1.92631

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00377916	0.0208206	0.540139	-1.85138	0.000165958	0.241591	-4.13922	0.00270638	0.399582	-2.50261	0.0576637	0.621739	-1.60839	7.9651	6.18363	0.69008	1
cg03146196	0.266018	0.599645	-1.66765	0.00208968	0.14797	-6.75812	0.00762895	0.220106	-4.54327	0.0102461	0.239778	-4.17052	6.91852	21.3349	2.7411	1
cg27295571	0.218555	0.44677	-2.23829	0.256088	2.09192	2.09192	0.45437	0.622218	-1.60715	0.0699461	0.283203	-3.53103	3.54129	21.7403	5.45696	1
cg17497172	6.18E-05	0.342362	-2.92088	0.00102735	0.49366	-2.02569	0.910715	1.01641	1.01641	1.44E-05	0.26992	-3.7048	91.9671	30.6634	0.29637	1
cg26063872	0.000147897	0.366261	-2.73029	0.00486473	0.562833	-1.77672	0.427092	1.13297	1.13297	0.000496971	0.43214	-2.31407	50.05	18.7884	0.333682	1
cg25974831	0.348629	0.852502	-1.17302	0.000494159	0.405733	-2.46468	0.675745	1.07205	1.07205	0.000428824	0.397822	-2.51369	46.5614	20.1697	0.385052	1
cg18323376	0.00157938	0.239211	-4.18041	0.347581	0.737196	-1.35649	0.424492	1.29323	1.29323	0.00981743	0.357336	-2.79849	19.1999	30.2229	1.39922	1
cg19788417	0.0848659	0.725416	-1.37852	0.875836	1.02669	1.02669	0.604296	0.915694	-1.09207	0.207646	0.799449	-1.25086	8.12921	3.65384	0.399529	1
cg13950362	0.317462	0.759025	-1.31748	0.296996	0.749392	-1.33441	0.736248	0.913748	-1.09439	0.136848	0.652082	-1.53355	7.76495	8.75503	1.00223	1
cg19241311	0.1081	0.406938	-2.45738	0.00508969	0.149738	-6.67835	0.168201	0.470877	-2.1237	0.0698267	0.353531	-2.82861	4.7597	19.8279	3.70292	1
cg25946540	0.0023332	0.246444	-4.05772	0.00301205	0.261759	-3.82031	0.162418	0.611702	-1.63478	0.0859939	0.535131	-1.8687	7.75012	13.3306	1.52894	1
cg03900072	0.0517823	0.277802	-3.59968	0.00226842	0.0844727	-11.8381	0.0248896	0.213327	-4.68764	0.0532726	0.280649	-3.56317	5.37197	28.4928	4.71464	1
cg01981417	0.106903	0.471556	-2.12064	0.00120558	0.131984	-7.5767	0.119812	0.486372	-2.05604	0.0330858	0.345018	-2.8984	5.20742	15.0428	2.56776	1
cg26446630	0.113186	1.91368	1.91368	0.0245151	0.364706	-2.74194	0.181516	0.586262	-1.70572	0.0471562	0.425218	-2.35174	3.66354	8.2241	1.99542	1
cg25412387	0.0290677	0.47855	-2.08965	0.253902	1.40682	1.40682	0.222315	1.44403	1.44403	0.00167052	0.275859	-3.62504	17.6229	22.9081	1.15547	1
cg08088390	0.000114527	0.155323	-6.43822	0.000393684	0.211524	-4.7276	0.000392859	0.21142	-4.72993	0.000833333	0.250624	-3.99004	23.9668	28.7351	1.06569	1
cg01958189	0.00320934	0.28471	-3.51235	0.927451	1.02885	1.02885	0.0785664	0.543221	-1.84087	0.0808803	0.54631	-1.83046	14.5569	22.4905	1.37334	1
cg12738399	0.0481808	0.476252	-2.09973	0.00184143	0.233856	-4.27614	0.040038	0.458598	-2.18056	0.01157	0.354438	-2.82137	5.81765	9.94369	1.51931	1
cg18865733	0.305669	0.832654	-1.20098	0.0185453	0.610801	-1.6372	0.0715596	0.706505	-1.41542	0.686673	0.932377	-1.07253	3.97637	1.87755	0.419712	1
cg20305726	0.513561	1.10645	1.10645	0.000480254	0.433241	-2.30818	0.00118111	0.483644	-2.06764	0.000539482	0.439683	-2.27436	42.2638	15.6054	0.328212	1
cg24116886	0.580835	1.0887	1.0887	0.00712222	1.69835	1.69835	0.811426	1.03709	1.03709	0.805478	0.963102	-1.03831	6.64381	2.44305	0.326861	1
cg17888219	0.0142067	0.300825	-3.32419	0.582564	1.24662	1.24662	0.0047783	0.225964	-4.42549	0.158013	0.549153	-1.82098	4.78027	11.9383	2.21992	1
cg16931068	0.0745297	0.543347	-1.84045	0.0312432	0.460234	-2.17281	0.00262189	0.27828	-3.59351	0.205825	0.663802	-1.50647	3.53358	5.27583	1.32716	1
cg23781075	0.132273	0.553587	-1.8064	0.00174844	0.197086	-5.07394	0.0200334	0.360024	-2.77759	0.0674338	0.474282	-2.10845	6.86474	14.4079	1.86562	1
cg02301189	0.126915	1.8264	1.8264	0.0216551	0.365687	-2.73458	0.341081	0.699113	-1.43038	0.0152189	0.337017	-2.96721	4.05508	8.5495	1.87408	1
cg21216130	0.0145398	2.17003	2.17003	0.398217	1.24935	1.24935	0.462486	1.21228	1.21228	0.054515	0.570392	-1.75318	3.5314	3.70487	0.932554	1
cg02046532	0.00223842	0.366982	-2.72493	1.19E-05	0.114228	-8.75445	0.000103165	0.200069	-4.99828	0.000574729	0.287026	-3.48401	30.5544	26.5441	0.772223	1
cg00769470	0.0124146	0.328552	-3.04366	0.0249829	0.385164	-2.5963	0.985704	0.993611	-1.00643	0.37237	0.720659	-1.38762	8.17976	16.5753	1.80123	1
cg19931902	0.0203615	0.220451	-4.53615	0.00061791	0.0578425	-17.2883	0.0486229	0.295796	-3.38071	0.0219823	0.226286	-4.41919	5.56541	25.7783	4.11723	1
cg09592958	0.0346215	0.223813	-4.46801	0.001266	0.0573482	-17.4373	0.182947	0.423706	-2.36013	0.0422684	0.241343	-4.14349	5.20088	30.415	5.19827	1
cg02745398	0.000658088	0.311899	-3.20616	4.91E-06	0.0975285	-10.2534	0.00865036	0.473668	-2.11119	0.063922	0.628205	-1.59184	32.5686	25.707	0.701615	1
cg04182591	0.141238	0.744246	-1.34364	5.71E-05	0.24798	-4.03259	0.000145804	0.295082	-3.38889	0.00117195	0.410944	-2.43342	14.5008	8.00463	0.49068	1
cg26389500	0.0174786	0.212511	-4.70564	0.0287286	0.251267	-3.97983	0.222848	0.503685	-1.98537	0.151399	0.439104	-2.27737	4.09148	18.5748	4.03546	1
cg13151472	0.00500781	0.246151	-4.06254	0.00723987	0.270354	-3.69886	0.00170266	0.18423	-5.42799	0.0536853	0.437345	-2.28652	8.82581	19.9181	2.00604	1
cg18239253	0.0600034	0.335993	-2.97625	0.100565	0.396676	-2.52095	0.0418518	0.299488	-3.33903	0.13163	0.433178	-2.30852	3.65852	15.3103	3.71985	1
cg00676360	0.499566	0.823934	-1.21369	0.000390533	0.202434	-4.93989	0.0728999	0.568191	-1.75997	0.00525679	0.353455	-2.82921	12.4615	15.7586	1.12408	1
cg20126775	0.0144994	0.408941	-2.44534	0.000608199	0.208373	-4.79908	0.0117296	0.392699	-2.54648	0.00725651	0.357626	-2.79622	12.1487	16.9584	1.24081	1
cg22388608	0.229601	0.741913	-1.34787	0.012904	0.481434	-2.07713	0.0048879	0.413407	-2.41892	0.0161371	0.498047	-2.00784	11.2782	10.0168	0.789471	1
cg00938547	0.0244331	0.130477	-7.66419	0.0123828	0.093969	-10.6418	0.0779235	0.225843	-4.42785	0.0692338	0.213535	-4.68308	3.84274	35.1113	8.12183	1
cg04293489	0.0380681	0.745874	-1.34071	0.18537	0.842603	-1.1868	0.100561	0.803041	-1.24527	0.0453147	0.755786	-1.32313	3.74659	0.882334	0.209336	1
cg17097119	0.336232	1.21719	1.21719	0.330063	1.22046	1.22046	0.136674	0.727739	-1.37412	0.549537	0.886898	-1.12753	3.743	2.32913	0.553123	1
cg02101571	0.690458	0.892898	-1.11995	0.0597819	0.548198	-1.82416	0.00140627	0.270157	-3.70155	0.358666	0.765584	-1.30619	5.05729	6.41494	1.12752	1
cg06266132	0.195439	0.643343	-1.55438	0.0438042	0.474052	-2.10947	0.757874	0.905193	-1.10474	0.251924	0.680082	-1.47041	3.68612	6.05788	1.46083	1
cg01134551	0.445827	1.16843	1.16843	0.00507749	0.476199	-2.09996	0.000880732	0.368382	-2.71457	0.00958429	0.518428	-1.92891	13.9318	8.852	0.564785	1
cg12807628	0.416571	0.746146	-1.34022	0.00126945	0.190433	-5.25119	0.0275146	0.398751	-2.50783	0.114263	0.545586	-1.83289	5.73822	11.305	1.75121	1
cg22743884	0.603508	1.17233	1.17233	0.0242582	0.442642	-2.25916	0.020635	0.429173	-2.33006	0.0856048	0.561817	-1.77994	5.0767	7.4036	1.29631	1
cg05226729	0.299646	1.58863	1.58863	0.00803805	0.231715	-4.31564	0.0162499	0.28206	-3.54534	0.200953	0.558993	-1.78893	4.73508	13.9061	2.6105	1
cg03265268	0.658482	0.820279	-1.2191	0.00333347	0.16873	-5.92662	0.00938521	0.230644	-4.33569	0.157907	0.51047	-1.95898	3.95241	12.4161	2.79234	1
cg01058004	0.504669	1.13256	1.13256	0.000804187	2.70168	2.70168	0.00100149	2.60428	2.60428	0.0179683	0.580306	-1.72323	13.3405	6.96217	0.405909	1
cg11465442	0.984348	1.00445	1.00445	0.00314475	0.40073	-2.49544	0.458293	0.842745	-1.1866	0.0201427	0.529952	-1.88696	7.02644	5.71125	0.72251	1
cg05852732	0.635211	1.17788	1.17788	0.0086912	0.318027	-3.14438	0.447722	0.767146	-1.30353	0.567473	0.820381	-1.21895	4.09477	7.61085	1.65216	1
cg27127887	0.299518	0.668146	-1.49668	0.00831762	0.282222	-3.54331	0.104085	0.513517	-1.94735	0.0759401	0.476765	-2.09747	3.39119	7.55458	1.98019	1
cg10499879	0.0106117	1.5184	1.5184	0.013721	1.48597	1.48597	0.147328	1.22396	1.22396	0.761819	0.961261	-1.0403	4.99132	1.33538	0.237813	1
cg09502069	0.649969	1.12239	1.12239	8.37E-07	0.0360234	-27.7597	0.00478613	0.388157	-2.57628	3.25E-05	0.129825	-7.70271	30.8096	31.1666	0.899189	1
cg23213217	0.0317723	0.517841	-1.93109	0.659972	0.890692	-1.12272	0.00368075	0.358256	-2.7913	0.00519927	0.381267	-2.62284	7.89316	8.54582	0.962388	1
cg12279138	0.20526	0.549916	-1.81846	0.012714	0.250206	-3.99671	0.139581	0.490979	-2.03675	0.0312935	0.322886	-3.09707	5.21437	16.5342	2.81856	1
cg02936919	0.131593	0.821098	-1.21788	0.104147	0.806419	-1.24005	0.829967	0.974293	-1.02638	0.143387	1.20976	1.20976	3.87865	0.900849	0.206452	1
cg17864958	0.203589	0.816694	-1.22445	0.131073	1.2789	1.2789	0.070673	1.35635	1.35635	0.682015	0.93973	-1.06414	3.86808	1.3949	0.320549	1
cg25087487	0.0103863	0.637746	-1.56802	0.000324783	0.444863	-2.24788	0.00778754	0.621147	-1.60993	0.0397119	1.39298	1.39298	8.83292	2.71738	0.27346	1
cg04755365	0.0326706	1.83735	1.83735	0.96476	0.989305	-1.01081	0.0865719	1.5852	1.5852	0.0153389	2.06319	2.06319	8.74707	8.20521	0.833825	1
cg12059866	0.0360944	0.387904	-2.57796	0.000952693	0.147631	-6.77363	0.00712062	0.259107	-3.85941	0.130788	0.530515	-1.88496	5.96848	14.2677	2.1249	1
cg09911485	0.813522	1.06053	1.06053	0.0642851	0.596291	-1.67703	0.943045	0.982387	-1.01793	0.084815	0.622507	-1.60641	4.56297	4.4699	0.870759	1
cg08180525	0.41646	1.39062	1.39062	0.675567	1.18191	1.18191	0.905633	1.04822	1.04822	0.16603	0.55628	-1.79766	4.5616	11.3901	2.21952	1
cg13708222	0.281371	0.589409	-1.69661	0.00280537	0.143098	-6.98823	0.0540312	0.356084	-2.80832	0.0250519	0.284052	-3.52048	4.51595	15.9453	3.13857	1
cg01974091	0.987041	1.00686	1.00686	0.0264329	0.330194	-3.02852	0.0177866	3.36424	3.36424	0.282934	1.59953	1.59953	4.22548	11.8619	2.49532	1
cg05129951	0.723506	1.08601	1.08601	0.00538937	0.426979	-2.34203	0.0765512	1.58032	1.58032	0.971445	0.99172	-1.00835	3.97818	3.39978	0.75965	1
cg21923884	0.0383698	0.643618	-1.55372	0.0100368	1.81629	1.81629	0.730193	0.938403	-1.06564	0.638528	1.09078	1.09078	3.83226	2.04688	0.474772	1
cg01768697	0.136347	1.9645	1.9645	0.0521986	0.394898	-2.5323	0.650765	1.21136	1.21136	0.276804	0.621322	-1.60947	3.83855	9.5281	2.49207	1
cg23334804	0.0995875	1.14209	1.14209	0.000760909	1.45579	1.45579	0.0323626	0.831582	-1.20253	0.0361836	0.835847	-1.19639	9.18769	0.788411	0.076277	1
cg24583131	0.773239	1.05948	1.05948	0.248505	1.27282	1.27282	0.0374318	1.62082	1.62082	0.500656	1.14649	1.14649	5.16696	3.27268	0.56301	1
cg26160196	0.00963026	0.544468	-1.83665	0.067629	1.46206	1.46206	0.0241387	1.64686	1.64686	0.0458753	1.52896	1.52896	5.07586	2.76716	0.484588	1
cg24737612	0.377203	0.774067	-1.29188	0.000891947	0.245047	-4.08086	0.867401	0.95387	-1.04836	0.015737	0.433243	-2.30817	4.82414	6.10298	1.12453	1
cg23132254	0.0102885	0.453492	-2.20511	?	?	?	0.944659	0.983777	-1.01649	0.0140499	2.09372	2.09372	12.3502	9.44741	0.669339	1
cg05200311	0.266043	1.12593	1.12593	0.0087392	0.710433	-1.40759	0.0948902	1.20664	1.20664	0.782473	0.972072	-1.02873	3.54639	0.588305	0.147456	1
cg04933954	0.00139666	0.435678	-2.29527	0.00888473	0.550162	-1.81765	0.0829596	0.708558	-1.41132	0.0155297	0.587048	-1.70344	5.98818	3.05443	0.453402	1
cg04936970	0.140205	0.763153	-1.31035	0.935456	0.986299	-1.01389	0.661933	1.07782	1.07782	0.0204151	1.60956	1.60956	4.55011	2.09066	0.408422	1
cg21285895	0.00877073	0.529208	-1.88962	0.104563	0.71304	-1.40245	0.191693	0.768365	-1.30147	0.94763	0.987556	-1.0126	4.19298	2.41341	0.511629	1
cg06158040	0.389701	1.26836	1.26836	0.00140549	0.287264	-3.48111	0.0857798	0.599228	-1.66881	0.0435219	0.534706	-1.87019	3.95416	4.55528	1.02402	1
cg02892595	0.00201282	0.36554	-2.73568	0.109133	0.667993	-1.49702	0.17167	1.39942	1.39942	0.543938	1.15241	1.15241	6.81581	5.75746	0.750864	1
cg13564064	3.47E-05	0.17902	-5.58597	0.018405	0.54087	-1.84887	1.56E-05	0.146676	-6.81777	0.156888	0.722271	-1.38452	31.9752	23.385	0.650088	1
cg05254143	0.00103779	0.144547	-6.91818	0.0822292	0.464573	-2.15251	0.00134258	0.156387	-6.39438	0.147824	0.538872	-1.85573	8.70425	21.8579	2.23215	1
cg14414874	0.116327	0.507181	-1.97168	0.0162984	0.310836	-3.21713	0.0151277	0.305009	-3.2786	0.155088	0.545904	-1.83182	4.04456	10.1378	2.22802	1
cg21238812	0.65819	1.08094	1.08094	0.0220662	1.61589	1.61589	0.0645619	1.43753	1.43753	0.236433	0.805049	-1.24216	3.8234	1.85026	0.430161	1
cg14500932	0.0144468	0.664432	-1.50505	0.945227	1.00936	1.00936	0.912303	0.985169	-1.01505	0.6057	1.07318	1.07318	10.3714	3.02162	0.25897	1
cg13413792	0.088207	0.33079	-3.02307	0.000500947	0.0407346	-24.5492	0.00798271	0.135407	-7.38514	0.00112861	0.0597191	-16.7451	10.2104	55.9168	4.86794	1
cg14316679	0.395079	1.14249	1.14249	0.0360818	1.45184	1.45184	0.155458	1.26172	1.26172	0.0286748	0.673851	-1.48401	8.35972	3.09699	0.329303	1
cg14537247	0.0488966	0.407409	-2.45454	0.000343894	0.100191	-9.98092	0.176544	0.563471	-1.77471	0.0321852	0.367235	-2.72305	8.22327	20.7627	2.24433	1
cg14332653	0.363463	0.738838	-1.35348	0.00393125	0.284367	-3.51658	0.000571792	0.177551	-5.6322	0.302859	0.707599	-1.41323	7.8976	13.1367	1.47856	1
cg13607242	0.00904659	0.349681	-2.85975	0.0976788	0.56243	-1.778	0.075055	0.533759	-1.87351	0.880234	0.953372	-1.04891	5.3119	8.43787	1.41199	1
cg13618623	0.278427	0.729317	-1.37115	0.0229536	0.466757	-2.14244	0.724079	0.905499	-1.10436	0.368691	0.772142	-1.2951	5.0662	6.29393	1.1043	1
cg14002328	0.0251532	0.394525	-2.53469	0.00438037	0.264734	-3.77737	0.571374	0.818917	-1.22113	0.0308942	0.412647	-2.42338	4.64884	8.9808	1.71719	1
cg14028116	0.428087	1.24812	1.24812	0.596742	1.15752	1.15752	0.447609	1.23618	1.23618	0.348862	0.767821	-1.30239	3.7511	4.45845	1.05651	1
cg08831369	0.0622116	0.644963	-1.55048	0.70347	1.08317	1.08317	0.168483	1.35874	1.35874	0.00861916	0.496702	-2.01328	13.2083	9.12964	0.614405	1
cg05780177	0.725075	0.946144	-1.05692	0.809508	0.962843	-1.03859	0.00115251	2.1146	2.1146	0.0388975	0.687369	-1.45482	11.7542	4.57632	0.346074	1
cg17723299	0.28195	0.774959	-1.29039	0.0264478	0.5488	-1.82216	0.000547728	3.40136	3.40136	0.398719	0.821192	-1.21774	10.9952	9.05299	0.731877	1
cg02736602	0.240066	0.74332	-1.34532	0.259791	1.32772	1.32772	0.372605	1.24699	1.24699	0.771488	0.932185	-1.07275	4.05954	3.73865	0.818626	1
cg12140668	0.00718497	1.45379	1.45379	0.343859	0.9002	-1.11086	0.950356	1.00674	1.00674	0.0126994	1.39647	1.39647	4.01303	0.73895	0.163678	1
cg06671340	0.502121	0.807772	-1.23797	0.848684	0.941894	-1.06169	0.0124744	2.64914	2.64914	0.740572	0.901107	-1.10975	3.62739	5.64251	1.38269	1
cg22379573	0.165546	0.820435	-1.21887	0.0566928	1.33464	1.33464	0.290115	1.15827	1.15827	0.366075	0.883141	-1.13232	3.53437	1.00248	0.252121	1
cg21534578	0.152416	0.551312	-1.81386	0.242098	0.621517	-1.60897	0.283406	1.54178	1.54178	0.266791	0.637988	-1.56743	3.47609	8.30758	2.12437	1
cg10975057	0.00774548	0.550506	-1.81651	0.0337003	0.648648	-1.54167	0.324486	0.837295	-1.19432	0.174964	1.2863	1.2863	3.45161	1.66505	0.428799	1
cg06528223	0.874767	1.01838	1.01838	0.00554252	0.656424	-1.52341	0.000117383	2.17933	2.17933	6.05E-06	3.22622	3.22622	29.2479	6.17955	0.187807	1
cg24331853	0.00104331	0.255941	-3.90715	3.80E-06	0.0483585	-20.6789	0.0166476	0.439995	-2.27275	0.000142627	0.158563	-6.30663	25.1458	31.4026	1.11007	1
cg08936307	0.00721032	0.636961	-1.56995	0.00180153	1.7814	1.7814	0.00707519	1.57253	1.57253	0.0563688	0.755012	-1.32448	16.5555	4.43571	0.23816	1
cg24007193	0.0558974	0.506981	-1.97246	0.00010834	0.117679	-8.49766	0.000194261	0.139925	-7.14669	0.0301333	0.449428	-2.22505	11.114	17.3148	1.38482	1
cg02599912	0.000437659	0.331424	-3.01728	0.125748	1.39001	1.39001	0.0392758	0.62248	-1.60648	0.393481	1.18974	1.18974	6.96243	4.35626	0.55616	1
cg11599981	0.0863279	1.5979	1.5979	0.365022	0.794353	-1.25889	0.0687179	1.65525	1.65525	0.221381	1.37431	1.37431	5.16949	5.00927	0.86134	1
cg21986966	0.320359	0.805521	-1.24143	0.00600013	2.13044	2.13044	0.171347	1.35899	1.35899	0.891241	1.02923	1.02923	4.81348	3.38192	0.624526	1
cg24800063	0.58944	1.10335	1.10335	0.014241	0.579386	-1.72597	0.18149	1.29182	1.29182	0.106304	1.3749	1.3749	5.64148	2.91154	0.458751	1
cg23634624	0.684669	1.07073	1.07073	0.0327661	0.658318	-1.51902	0.253348	1.221	1.221	0.0240321	0.637297	-1.56913	9.27231	4.11403	0.39439	1
cg07835232	0.94072	0.994106	-1.00593	0.000378246	1.57069	1.57069	0.67838	1.0337	1.0337	0.962635	1.00373	1.00373	7.13919	0.714422	0.0889514	1
cg08319291	0.831723	1.04302	1.04302	0.0771503	1.4755	1.4755	0.00147122	1.81186	1.81186	0.729493	1.07113	1.07113	5.42569	3.36702	0.551618	1
cg13675721	0.738876	1.09218	1.09218	0.532348	1.18141	1.18141	0.250682	1.37214	1.37214	0.292189	1.33384	1.33384	5.40877	5.95146	0.978076	1
cg03572619	0.207812	0.75138	-1.33088	0.0375295	1.681	1.681	0.764945	0.937504	-1.06666	0.894354	1.02901	1.02901	4.98375	3.65612	0.652096	1
cg26975184	0.270821	1.54367	1.54367	0.0684456	2.16514	2.16514	0.00529617	4.02234	4.02234	0.0347093	0.393645	-2.54036	4.08284	9.27334	2.01893	1
cg09787580	0.198828	0.75633	-1.32217	0.273569	0.791078	-1.2641	0.249659	1.28077	1.28077	0.287954	0.796984	-1.25473	3.43773	2.30347	0.595605	1
cg05625834	5.82E-05	0.442155	-2.26165	1.81E-06	0.271616	-3.68167	3.30E-05	0.413465	-2.41858	0.000163521	0.494369	-2.02278	36.4289	6.92587	0.168996	1
cg10883038	0.184235	0.755598	-1.32346	0.00962717	0.520997	-1.9194	0.153467	0.737788	-1.3554	0.00614427	0.49101	-2.03662	7.92837	4.97089	0.557311	1
cg23620052	0.00623303	0.620855	-1.61068	0.160161	0.818224	-1.22216	0.0666291	1.31647	1.31647	0.194411	1.20145	1.20145	7.08156	2.00468	0.25163	1
cg15934415	0.0271609	0.397013	-2.51881	0.556832	0.810641	-1.23359	0.276295	1.49191	1.49191	0.158326	1.70365	1.70365	4.93512	9.75468	1.75696	1
cg14521523	0.601184	0.965637	-1.03559	1.30E-06	0.439001	-2.2779	0.00535939	1.27527	1.27527	0.273437	1.0785	1.0785	26.9256	1.87466	0.0618876	1
cg23141333	0.0196629	1.43564	1.43564	0.182888	0.834718	-1.19801	0.485707	1.09477	1.09477	0.646728	1.06076	1.06076	4.27751	1.10688	0.230016	1
cg07019187	2.49E-05	0.304392	-3.28524	0.00148307	0.51741	-1.93271	0.570647	1.08478	1.08478	0.336556	0.868752	-1.15108	16.9401	5.40968	0.283859	1
cg15591803	0.625021	1.09302	1.09302	0.00592672	1.91542	1.91542	0.933664	1.01515	1.01515	0.00446906	0.504259	-1.98311	11.8445	6.11688	0.459052	1
cg19268695	0.400309	1.1887	1.1887	0.203375	1.30941	1.30941	0.672423	1.08914	1.08914	0.0253065	0.5863	-1.70561	9.90818	6.32604	0.567526	1
cg14829060	0.00347026	0.62417	-1.60213	0.0167783	1.41448	1.41448	0.584737	1.06776	1.06776	0.583386	1.06802	1.06802	9.82259	2.19579	0.198706	1
cg00619207	0.716195	0.938919	-1.06506	0.0691685	1.42049	1.42049	0.283129	0.824886	-1.21229	0.0269762	0.636266	-1.57167	7.4378	3.51029	0.419513	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20746756	DENND3	0.00620668	0.127841	0.609034	-1.64194	0.0280262	0.457603	-2.1853	0.0589986	0.526093	-1.9008	0.743671	1.10389	1.10389	0.000862838	0.221642	-4.51178
cg27658254	DENND3	0.00650509	0.00595296	0.217423	-4.59934	0.158341	0.52736	-1.89624	0.00941143	0.247399	-4.04205	0.0147401	0.279847	-3.57338	0.00256706	0.169634	-5.89504
cg07580128	DENND3	0.00793567	0.0147297	2.13784	2.13784	0.000737528	3.66078	3.66078	0.0500974	1.76017	1.76017	0.542728	0.855602	-1.16877	0.411938	0.80869	-1.23657
cg08520702	DENND3	0.00906248	0.0355923	0.676739	-1.47768	0.00110451	0.464114	-2.15464	0.884659	1.02344	1.02344	0.818269	0.963929	-1.03742	0.556551	1.09957	1.09957
cg07341224	DENND3	0.0101333	0.183172	0.763899	-1.30907	0.0533274	1.5198	1.5198	0.00521035	0.495105	-2.01977	0.826621	0.959032	-1.04272	0.0636736	0.671957	-1.48819
cg14480530	DENND3	0.0121661	0.0581247	6.15555	6.15555	0.00179305	43.3901	43.3901	0.0662825	5.7433	5.7433	0.084778	5.04106	5.04106	0.116402	0.23508	-4.25387
cg17937438	DENND3	0.0122597	0.0514668	0.705072	-1.41829	0.0416332	0.69059	-1.44804	0.169679	0.794087	-1.25931	0.488895	1.11719	1.11719	0.330114	1.17164	1.17164
cg22457637	DENND3	0.0135144	0.10581	0.606005	-1.65015	0.142656	0.639709	-1.56321	0.0326095	0.492137	-2.03195	0.0588228	0.546046	-1.83135	0.00248993	0.303721	-3.29249
cg00989157	DENND3	0.0137073	0.214491	0.603059	-1.65821	0.635482	1.20298	1.20298	0.0203634	0.3389	-2.95072	0.219303	0.606572	-1.64861	0.00206474	0.186523	-5.36128
cg03401656	DENND3	0.0147484	0.210229	0.78369	-1.27602	0.0031303	2.10807	2.10807	0.00126984	2.38216	2.38216	0.661131	1.08484	1.08484	0.156487	1.32287	1.32287
cg11716073	DENND3	0.0158219	0.062253	2.35403	2.35403	0.0499395	2.48925	2.48925	0.927312	1.03792	1.03792	0.102185	2.07426	2.07426	0.00706581	4.13721	4.13721
cg04342924	DENND3	0.018027	0.963021	1.01039	1.01039	0.74303	0.929309	-1.07607	0.25501	1.30322	1.30322	0.953815	0.987176	-1.01299	0.574811	0.881342	-1.13463
cg08788930	DENND3	0.0193685	0.00479788	0.190381	-5.25262	0.80856	0.89801	-1.11357	0.0473372	0.365831	-2.7335	0.651087	1.22356	1.22356	0.00170054	0.137196	-7.28886
cg16499923	DENND3	0.0196088	0.0874601	3.01858	3.01858	0.00827755	7.22176	7.22176	0.123008	2.66034	2.66034	0.682516	1.2723	1.2723	0.0095588	0.14636	-6.83249
cg15148513	DENND3	0.019645	0.358722	1.34871	1.34871	0.00485428	3.26702	3.26702	0.00573606	3.15156	3.15156	0.767379	1.09859	1.09859	0.0521339	0.49646	-2.01426
cg06562707	DENND3	0.021471	0.769688	0.951014	-1.05151	0.353335	1.17748	1.17748	0.45566	1.13882	1.13882	0.436344	1.14551	1.14551	0.000886074	0.426497	-2.34468
cg06440414	DENND3	0.0225478	0.133615	1.39754	1.39754	0.274177	1.26541	1.26541	0.0266667	0.580797	-1.72177	0.412792	1.18913	1.18913	0.00400819	0.44935	-2.22544
cg24476153	DENND3	0.0234407	0.150275	0.616258	-1.6227	0.105008	0.573436	-1.74387	0.0417057	0.478546	-2.08966	0.0825305	0.546795	-1.82884	0.0380101	0.469961	-2.12784
cg22899502	DENND3	0.0250707	0.419825	1.19534	1.19534	0.00323376	0.419135	-2.38587	0.376482	0.821629	-1.21709	0.812506	1.05278	1.05278	0.231299	0.762005	-1.31233
cg10447827	DENND3	0.0287157	0.874875	0.927288	-1.07841	0.41672	1.48826	1.48826	0.159263	0.486454	-2.05569	0.733111	1.17817	1.17817	0.00077653	0.0874832	-11.4308
cg06445561	DENND3	0.0314852	0.294677	0.738361	-1.35435	0.84757	0.947709	-1.05518	0.224145	1.42817	1.42817	0.124177	0.628359	-1.59145	0.288099	1.36043	1.36043
cg12809098	DENND3	0.0336034	0.942462	0.976975	-1.02357	0.125911	0.586019	-1.70643	0.607792	1.18182	1.18182	0.340292	0.728229	-1.3732	0.00100194	0.206732	-4.83718
cg16425577	DENND3	0.0382316	0.0112365	0.284709	-3.51236	0.962925	0.981783	-1.01855	0.0165022	0.313925	-3.18548	0.411585	0.717433	-1.39386	0.0217725	0.336493	-2.97183
cg25322632	DENND3	0.0385119	0.010342	0.663886	-1.50628	0.204827	1.1849	1.1849	0.0674214	1.29677	1.29677	0.980896	1.00304	1.00304	0.0937501	1.2633	1.2633
cg13133827	DENND3	0.0402252	0.488617	0.849201	-1.17758	0.679065	1.10149	1.10149	0.40806	0.821507	-1.21728	0.541093	1.1546	1.1546	0.0185373	0.515076	-1.94146
cg27390061	DENND3	0.046796	0.399628	0.796726	-1.25514	0.275796	0.741722	-1.34821	0.0512204	0.557052	-1.79516	0.955509	0.985404	-1.01481	0.00261633	0.333423	-2.9992
cg11307715	DENND3	0.0487688	0.652125	0.910254	-1.09859	0.00740596	2.04391	2.04391	0.0900723	1.4727	1.4727	0.35196	0.819978	-1.21955	0.928607	1.01874	1.01874
cg16701105	DENND4A;DENND4A	0.00199208	0.426365	0.801144	-1.24822	0.757247	1.08725	1.08725	0.823805	1.06195	1.06195	0.000110067	0.0603671	-16.5653	?	?	?
cg18148659	DENND4A;DENND4A	0.0131558	0.576289	1.08543	1.08543	0.00240554	0.541242	-1.8476	0.288623	0.85219	-1.17345	0.0233608	0.674756	-1.48202	0.368713	1.14345	1.14345
cg24930797	DENND4A;DENND4A	0.0158866	0.00323329	0.554493	-1.80345	0.00817729	0.60846	-1.64349	0.880508	1.02233	1.02233	0.0426029	0.709849	-1.40875	0.427429	1.12631	1.12631
cg18699533	DENND4A;DENND4A	0.0181358	0.677766	0.82477	-1.21246	0.163983	1.98325	1.98325	0.000506956	0.0816812	-12.2427	0.0945956	0.42865	-2.33291	0.744831	0.86022	-1.16249
cg03683250	DENND4A;DENND4A	0.0196303	0.00830391	0.396885	-2.51962	0.0492127	1.84934	1.84934	0.234778	1.40646	1.40646	0.0100126	0.410466	-2.43626	0.993888	0.997904	-1.0021
cg00220965	DENND4A;DENND4A	0.0266097	0.0569585	0.711069	-1.40633	0.00261385	1.93441	1.93441	0.634376	0.926966	-1.07879	0.10178	1.32782	1.32782	0.663963	0.933145	-1.07164
cg17826986	DENND4B	0.000309862	0.00626127	0.521755	-1.91661	0.00524387	1.95904	1.95904	0.42655	1.15982	1.15982	0.0152024	0.580119	-1.72379	0.0292506	0.625573	-1.59854
cg19292953	DENND4B	0.00467113	0.00053744	0.336953	-2.96777	0.0615815	0.653522	-1.53017	0.13346	0.721083	-1.3868	0.218806	0.770065	-1.29859	0.00366308	0.452114	-2.21183
cg24678869	DENND4B	0.00577896	0.205889	1.33716	1.33716	0.00249506	2.49642	2.49642	0.0603801	1.58589	1.58589	0.00412629	2.31071	2.31071	0.81166	1.05335	1.05335
cg17298305	DENND4B	0.00932014	0.734643	0.890154	-1.1234	0.965217	1.01503	1.01503	0.25892	1.49608	1.49608	0.654046	0.857029	-1.16682	0.0003687	0.142238	-7.03048
cg18237510	DENND4B	0.0216545	0.686099	1.0439	1.0439	0.074463	1.23384	1.23384	0.964802	1.00468	1.00468	0.00266794	1.55143	1.55143	0.540772	1.06766	1.06766
cg16582214	DENND4B	0.0264868	0.356426	0.740143	-1.35109	0.0301927	2.24473	2.24473	0.233032	1.48692	1.48692	0.167291	0.626873	-1.59522	0.00233222	0.259655	-3.85127
cg04394763	DENND4B	0.0449102	0.736361	1.30152	1.30152	0.887005	0.89509	-1.11721	0.573743	1.55854	1.55854	?	?	?	0.612616	0.671327	-1.48959
cg12796135	DENND4B	0.0480262	0.268472	0.694232	-1.44044	0.471973	0.793215	-1.26069	0.755197	1.1041	1.1041	0.610888	1.17642	1.17642	0.026347	0.434302	-2.30254
cg15831722	DENND4B;CRTC2	0.0244802	0.118257	0.678445	-1.47396	0.616869	0.89103	-1.1223	0.482545	0.849376	-1.17733	0.616419	0.890897	-1.12246	0.00195856	0.36738	-2.72197
cg19584733	DENND4C	0.018007	0.345039	0.822705	-1.2155	0.0176022	1.78528	1.78528	0.568365	1.12266	1.12266	0.602057	1.11134	1.11134	0.00654369	0.492195	-2.03171
cg12894917	DENND5A	7.71E-05	0.33131	1.10266	1.10266	0.0378237	0.790711	-1.26468	0.366011	0.913426	-1.09478	0.0345187	1.27172	1.27172	0.000428883	0.580768	-1.72186
cg17543520	DENND5A	0.00478135	0.413319	1.1843	1.1843	0.735712	0.933776	-1.07092	0.041686	1.60782	1.60782	0.0676117	1.51302	1.51302	0.966302	1.00858	1.00858
cg03830273	DENND5A	0.00508834	0.00904997	0.347236	-2.87989	0.118778	1.71577	1.71577	0.480649	0.795668	-1.25681	0.16245	1.6088	1.6088	0.000747667	0.195701	-5.10984
cg04450855	DENND5A	0.00564065	0.015242	0.555274	-1.80091	0.58897	1.11371	1.11371	0.0987236	0.699486	-1.42962	0.116376	1.40051	1.40051	0.000226925	0.298201	-3.35345
cg26873132	DENND5A	0.0245313	0.109964	0.409571	-2.44158	0.148611	0.452135	-2.21173	0.0130059	0.206193	-4.84983	0.40795	0.648126	-1.54291	0.0181224	0.229849	-4.35069
cg04657294	DENND5A	0.0422262	0.10533	0.702445	-1.4236	0.633522	1.10062	1.10062	0.0538973	0.646098	-1.54775	0.682912	1.08543	1.08543	0.328903	0.817811	-1.22278
cg05215420	DENND5B	0.000135694	0.0112895	0.504383	-1.98262	0.104788	1.46575	1.46575	0.201565	1.3376	1.3376	0.108029	0.68509	-1.45966	1.65E-05	0.14782	-6.765
cg00182053	DENND5B	0.000311737	0.0019068	0.252009	-3.96812	0.624923	1.167	1.167	0.622799	1.16812	1.16812	0.0162525	0.398046	-2.51227	3.38E-05	0.0806466	-12.3998
cg12105860	DENND5B	0.00164068	0.161535	0.8535	-1.17165	0.49424	0.929086	-1.07633	0.0108412	1.40357	1.40357	0.0809454	0.814609	-1.22758	0.00146417	0.614599	-1.62708
cg16298118	DENND5B	0.011478	0.118465	0.600352	-1.66569	0.0937511	0.574176	-1.74163	0.115305	0.597249	-1.67434	0.947956	0.98054	-1.01985	0.00340171	0.301639	-3.31523
cg02278087	DENND5B	0.0446358	0.176186	0.594069	-1.68331	0.20616	1.62078	1.62078	0.294329	1.48272	1.48272	0.424552	0.744286	-1.34357	0.13636	0.559247	-1.78812
cg26814847	DENR	0.00521462	0.474227	0.902472	-1.10807	0.588141	1.08014	1.08014	0.00059805	2.11033	2.11033	0.438829	0.894638	-1.11777	0.603633	1.07665	1.07665
cg14335813	DENR	0.00557731	0.65611	0.938136	-1.06594	0.0378498	0.709556	-1.40933	0.307485	0.860256	-1.16244	0.737212	0.953147	-1.04916	0.479109	1.10796	1.10796
cg16296724	DENR	0.0184138	0.279618	1.20827	1.20827	0.00190895	0.477104	-2.09598	0.0428391	0.675463	-1.48047	0.737062	0.944861	-1.05836	0.0214464	0.628066	-1.59219
cg18167921	DEPDC1;DEPDC1	3.71E-05	0.00103617	0.508272	-1.96745	0.0114725	1.55354	1.55354	0.433076	0.894555	-1.11787	0.0578248	0.741753	-1.34816	9.48E-06	0.264447	-3.78147
cg19634693	DEPDC1;DEPDC1	6.32E-05	6.88E-05	0.453136	-2.20684	0.0951952	0.819176	-1.22074	0.00936737	0.698752	-1.43112	0.00766119	0.688746	-1.45192	0.000429767	0.545452	-1.83334
cg19916364	DEPDC1;DEPDC1	0.0024619	0.00265121	0.284222	-3.51838	0.396464	0.768965	-1.30045	0.0217167	0.434471	-2.30165	0.0052031	0.327711	-3.05147	0.00241754	0.278574	-3.58971
cg13174009	DEPDC1;DEPDC1	0.0118753	0.188617	0.76621	-1.30512	0.373406	0.839717	-1.19088	0.515669	0.881604	-1.1343	0.78168	0.948274	-1.05455	0.229067	0.7856	-1.27291
cg25271509	DEPDC1;DEPDC1	0.014546	0.264676	0.757641	-1.31989	0.000986381	0.310646	-3.2191	0.704252	0.912974	-1.09532	0.0180835	1.98469	1.98469	0.331699	1.2701	1.2701
cg14609721	DEPDC1;DEPDC1	0.0254097	0.556184	0.883164	-1.13229	0.0013757	0.379558	-2.63464	0.0671661	0.651659	-1.53454	0.532666	0.876419	-1.14101	0.957718	0.988994	-1.01113
cg04663440	DEPDC1B;DEPDC1B	0.000209638	0.80345	0.953885	-1.04834	0.929262	0.98333	-1.01695	0.604628	1.10394	1.10394	0.361326	0.837231	-1.19441	0.0964166	0.707807	-1.41282
cg26414750	DEPDC1B;DEPDC1B	0.00204937	0.595845	1.15459	1.15459	0.0193133	0.467752	-2.13788	0.665644	1.12384	1.12384	0.812978	0.938338	-1.06571	0.211421	0.702196	-1.4241
cg01233571	DEPDC1B;DEPDC1B	0.00465219	0.0105288	0.319966	-3.12533	0.667286	0.85803	-1.16546	0.376865	0.725383	-1.37858	0.0178001	0.360566	-2.77342	0.00306182	0.23791	-4.20327
cg12329933	DEPDC1B;DEPDC1B	0.00477	0.0334231	0.601459	-1.66262	0.0247014	1.72816	1.72816	0.00399928	2.2062	2.2062	0.16534	0.738826	-1.3535	0.0635324	0.65263	-1.53226
cg13353311	DEPDC1B;DEPDC1B	0.0068491	0.0590581	0.680614	-1.46926	0.491643	1.13437	1.13437	0.101945	1.38144	1.38144	0.287043	0.819109	-1.22084	0.482934	0.879233	-1.13735
cg08795084	DEPDC1B;DEPDC1B	0.0104777	0.0188444	0.501683	-1.99329	0.773892	1.07233	1.07233	0.0877922	0.633275	-1.57909	0.9143	1.02644	1.02644	0.000679886	0.283955	-3.52169
cg17504997	DEPDC1B;DEPDC1B	0.0174635	0.37309	0.903278	-1.10708	0.324422	1.11987	1.11987	0.245094	1.14484	1.14484	0.018677	0.728231	-1.37319	0.00107869	0.584472	-1.71095
cg17679455	DEPDC4;SCYL2	0.0234424	0.0269381	1.33457	1.33457	0.12043	1.20387	1.20387	0.0524191	0.784298	-1.27503	0.660518	0.952483	-1.04989	0.0301678	1.3242	1.3242
cg04112842	DEPDC5	0.0258171	0.114313	0.427349	-2.34001	0.443038	1.47271	1.47271	0.0923353	0.399736	-2.50165	0.278449	0.572468	-1.74682	0.054436	0.339548	-2.94509
cg15464363	DEPDC5;DEPDC5;DEPDC5	0.00111836	0.092129	0.914842	-1.09308	0.00230005	1.22695	1.22695	0.0168453	1.15027	1.15027	0.00745236	1.17989	1.17989	0.0116956	1.16327	1.16327
cg19102575	DEPDC5;DEPDC5;DEPDC5	0.00340647	0.875211	1.04861	1.04861	0.49843	1.23069	1.23069	0.0113198	0.383697	-2.60622	0.607661	0.855207	-1.16931	0.022753	0.438954	-2.27814
cg03550506	DEPDC5;DEPDC5;DEPDC5	0.023474	0.246007	0.883887	-1.13137	0.0300326	0.771342	-1.29644	0.864083	0.982722	-1.01758	0.0630209	0.808365	-1.23707	0.611387	1.05351	1.05351
cg10156042	DEPDC5;DEPDC5;DEPDC5	0.0406457	0.00121775	0.212436	-4.70729	0.305873	1.4147	1.4147	0.598822	0.840532	-1.18972	0.357676	0.733789	-1.36279	0.959035	0.983332	-1.01695
cg16160637	DEPDC5;DEPDC5;DEPDC5	0.0424503	0.168504	0.646407	-1.54701	0.0387443	2.03747	2.03747	0.641545	1.1496	1.1496	0.468658	1.24513	1.24513	0.146006	0.628707	-1.59057
cg02919712	DEPDC6	3.34E-05	0.0580221	0.626359	-1.59653	8.70E-05	0.215017	-4.65079	0.00010469	0.223809	-4.46809	0.000562858	0.31118	-3.21358	9.32E-06	0.123704	-8.08379
cg05034642	DEPDC6	0.00427445	0.0083623	0.418491	-2.38954	0.00027082	0.2136	-4.68166	0.35535	0.782084	-1.27863	0.556116	0.85735	-1.16638	0.00236921	0.334251	-2.99177
cg12051359	DEPDC6	0.00516352	0.00202121	0.574578	-1.74041	0.715906	0.954556	-1.04761	0.125927	1.23456	1.23456	0.482233	0.913123	-1.09514	0.0273464	0.71734	-1.39404
cg17964016	DEPDC6	0.00840044	0.387169	1.25045	1.25045	0.00115616	0.300084	-3.3324	0.189899	0.704633	-1.41918	0.0436539	0.557215	-1.79464	0.0802332	0.613039	-1.63122
cg05365525	DEPDC6	0.0136911	0.870431	1.02295	1.02295	0.0824082	1.30662	1.30662	0.286083	1.16649	1.16649	0.0629151	0.747631	-1.33756	0.141323	1.24593	1.24593
cg16851881	DEPDC6	0.0141111	0.00389546	0.583477	-1.71386	0.259021	0.849392	-1.17731	0.74357	1.04655	1.04655	0.0132907	0.653603	-1.52998	0.0927963	1.29223	1.29223
cg21645572	DEPDC6	0.0280498	0.319429	1.6227	1.6227	0.810944	1.11935	1.11935	0.817265	0.896822	-1.11505	0.360752	1.5559	1.5559	0.479028	0.712777	-1.40296
cg25580008	DEPDC6	0.0424053	0.124808	1.35124	1.35124	0.594062	0.907145	-1.10236	0.892829	0.975876	-1.02472	0.0907718	1.40152	1.40152	0.749357	1.05979	1.05979
cg00938672	DEPDC6;DEPDC6	0.000706683	0.284553	0.865024	-1.15604	0.106911	0.794869	-1.25807	0.987859	1.00199	1.00199	0.983673	1.00267	1.00267	0.48867	1.09609	1.09609
cg00035630	DEPDC7;DEPDC7	5.04E-07	7.89E-08	0.181177	-5.51945	0.376787	0.916729	-1.09083	0.000108473	0.520008	-1.92305	1.83E-07	0.215732	-4.63538	0.000185178	0.545898	-1.83184
cg07675337	DEPDC7;DEPDC7	0.00327316	0.00265881	0.201256	-4.96879	0.124018	1.90129	1.90129	0.563781	0.798427	-1.25246	0.439584	1.44981	1.44981	0.000879214	0.146052	-6.84686
cg10937302	DEPDC7;DEPDC7;DEPDC7	0.00325202	0.0454825	1.17017	1.17017	0.118707	1.12303	1.12303	0.0114976	1.24183	1.24183	0.709342	1.02598	1.02598	0.827062	0.985122	-1.0151
cg12691382	DEPDC7;DEPDC7;DEPDC7	0.014916	0.106827	0.587903	-1.70096	0.151093	1.59073	1.59073	0.0128893	2.53844	2.53844	0.402871	0.772376	-1.29471	0.25833	0.700577	-1.42739
cg26935570	DERA	5.73E-05	7.20E-05	0.14942	-6.69253	0.000376901	0.224379	-4.45675	0.000338827	0.219034	-4.56551	0.00183677	0.312375	-3.20128	0.000188386	0.190856	-5.23955
cg15169727	DERA	0.000250194	0.0317612	0.605231	-1.65226	8.34E-05	0.2435	-4.10678	0.267989	0.794395	-1.25882	0.650652	1.09521	1.09521	0.00440959	0.468507	-2.13444
cg22797175	DERA	0.00268122	0.894133	1.0189	1.0189	0.000224057	2.37193	2.37193	0.000929264	2.00438	2.00438	0.434874	1.11858	1.11858	0.388848	0.883191	-1.13226
cg05418042	DERA	0.0160729	0.152019	0.689508	-1.45031	0.791139	1.06642	1.06642	0.0476085	0.577607	-1.73128	0.0472286	1.73337	1.73337	0.00130228	0.321584	-3.10961
cg25496104	DERA	0.0195889	0.965394	1.00949	1.00949	0.0372399	0.590628	-1.69311	0.108833	0.683298	-1.46349	0.0796459	1.52746	1.52746	0.674163	0.912028	-1.09646
cg15554941	DERA	0.0231571	0.479073	0.741006	-1.34952	0.0615296	0.415881	-2.40454	0.0351164	0.359688	-2.78019	0.7646	0.88241	-1.13326	0.00137763	0.144727	-6.90958
cg11228717	DERA	0.0270387	0.0370493	0.512821	-1.95	0.00626031	0.374354	-2.67126	0.0775104	0.582037	-1.7181	0.0882385	0.595215	-1.68006	0.0247812	0.478506	-2.08984
cg14754427	DERA	0.0489611	0.101554	0.490057	-2.04058	0.035361	0.377224	-2.65094	0.102953	0.491745	-2.03357	0.443964	0.733065	-1.36414	0.00421793	0.217744	-4.59254
cg00130866	DERL1;DERL1	0.00287317	0.127141	0.762084	-1.31219	0.082173	1.3732	1.3732	0.829712	1.03611	1.03611	0.0265132	0.648471	-1.54209	0.00774246	0.569317	-1.75649
cg14743346	DERL1;DERL1	0.00667154	0.0212362	0.162024	-6.17191	0.0214888	0.16282	-6.14175	0.0092292	0.113983	-8.77322	0.519561	0.651138	-1.53577	0.024154	0.170884	-5.85193
cg25436822	DERL1;DERL1	0.0268877	0.00875798	0.735394	-1.35982	0.308404	0.907521	-1.1019	0.11085	0.852231	-1.17339	0.542812	0.944877	-1.05834	0.0544465	0.818029	-1.22245
cg06528830	DERL1;DERL1;DERL1;DERL1	0.00757564	?	?	?	0.581888	1.37513	1.37513	0.540404	1.42619	1.42619	0.0487257	3.63071	3.63071	?	?	?
cg20126496	DERL2	0.0231847	0.611745	1.0985	1.0985	0.000791077	0.394293	-2.53618	0.0354504	0.638002	-1.56739	0.635454	1.0916	1.0916	0.117554	0.732005	-1.36611
cg07564061	DERL2;MIS12	0.00433507	0.678499	0.878716	-1.13802	0.725438	0.896422	-1.11555	0.100798	1.75939	1.75939	0.00168292	0.228526	-4.37588	0.357512	1.34248	1.34248
cg10504436	DERL3;DERL3;DERL3	0.0213634	0.0170359	0.452802	-2.20847	0.00802857	0.396509	-2.52201	0.0329334	0.50691	-1.97274	0.183749	1.46829	1.46829	0.0116289	0.423576	-2.36085
cg05386077	DERL3;DERL3;DERL3	0.0284048	0.0585906	1.57764	1.57764	0.0454676	0.612912	-1.63155	0.421365	0.839223	-1.19158	0.0230768	1.78571	1.78571	0.61226	1.11524	1.11524
cg18024487	DERL3;DERL3;DERL3	0.043546	0.32328	0.83153	-1.2026	0.0446687	0.659131	-1.51715	0.02198	0.608418	-1.64361	0.158183	0.761228	-1.31367	0.453547	0.871038	-1.14806
cg01812045	DES	0.0046774	0.0229321	3.79602	3.79602	0.00883464	5.12483	5.12483	0.197375	1.95037	1.95037	0.162519	2.07704	2.07704	0.00471445	6.30104	6.30104
cg03583111	DES	0.0117539	0.036189	6.36629	6.36629	0.0361712	6.36778	6.36778	0.19051	2.86744	2.86744	0.1582	3.14681	3.14681	0.0225207	7.97567	7.97567
cg01627304	DES	0.0144268	0.347614	0.760326	-1.31523	0.000683498	0.229921	-4.34932	0.0187309	0.446111	-2.24159	0.474117	1.22908	1.22908	0.24146	0.706516	-1.4154
cg02181220	DES	0.0225496	0.0110203	0.606479	-1.64886	0.315987	1.17655	1.17655	0.000885701	0.457864	-2.18405	0.581624	0.916426	-1.0912	0.213397	0.814258	-1.22811
cg13227481	DES	0.0256868	0.442396	1.44071	1.44071	0.150522	2.05111	2.05111	0.774467	0.874652	-1.14331	0.894897	1.06356	1.06356	0.0506054	0.353999	-2.82487
cg15015639	DES	0.0438706	0.349002	1.74638	1.74638	0.0314403	4.30309	4.30309	0.964902	1.02577	1.02577	0.221316	2.10319	2.10319	0.0539439	0.282168	-3.54399
cg23490796	DES	0.0496566	0.786054	1.08126	1.08126	0.033555	2.04011	2.04011	0.832369	1.06276	1.06276	0.898498	1.03733	1.03733	0.0929179	0.588105	-1.70038
cg21541753	DET1;DET1;DET1	0.00362724	0.120248	1.32268	1.32268	0.34663	1.17447	1.17447	0.808359	0.960481	-1.04114	0.312137	1.18946	1.18946	0.000169153	0.345874	-2.89123
cg14796261	DET1;DET1;DET1	0.00893258	0.225564	0.854216	-1.17066	0.086303	1.26443	1.26443	0.00048128	0.507616	-1.97	0.613235	0.938845	-1.06514	0.075454	0.782685	-1.27765
cg04667141	DET1;DET1;DET1	0.0137908	0.0212416	0.73277	-1.36468	0.0267985	0.74488	-1.3425	0.0553364	1.27618	1.27618	0.984319	1.00221	1.00221	0.0454692	1.29377	1.29377
cg19626546	DET1;DET1;DET1	0.0443948	0.642553	0.9395	-1.0644	0.00907134	0.642271	-1.55697	0.361085	1.13355	1.13355	0.191472	1.20279	1.20279	0.0956575	0.783188	-1.27683
cg13904286	DFFA;DFFA	0.00397796	0.129129	1.26514	1.26514	0.277626	0.850503	-1.17577	0.0121501	1.56562	1.56562	0.000227577	2.4077	2.4077	0.400117	1.13148	1.13148
cg17075937	DFFA;DFFA	0.00404647	0.180629	1.67134	1.67134	0.434223	0.750877	-1.33178	0.00600299	0.261197	-3.82853	?	?	?	?	?	?
cg15452426	DFFA;DFFA	0.00720136	0.427313	0.870223	-1.14913	0.0269971	1.56697	1.56697	0.00155844	2.18125	2.18125	0.335863	1.18554	1.18554	0.553276	0.902252	-1.10834
cg21149582	DFFA;DFFA	0.0131729	0.64334	0.802815	-1.24562	0.560844	1.31939	1.31939	0.271524	0.581631	-1.7193	?	?	?	0.048805	0.339227	-2.94788
cg11843760	DFFA;DFFA	0.0498141	0.271015	1.20132	1.20132	0.0431319	1.45126	1.45126	0.441943	1.13371	1.13371	0.9241	1.01537	1.01537	0.0785261	0.731413	-1.36722
cg20805920	DFFA;DFFA;PEX14	0.0130449	0.014335	0.421372	-2.3732	0.555996	0.843271	-1.18586	0.0145321	0.422428	-2.36727	0.00812959	0.379139	-2.63755	0.0024321	0.298804	-3.34668
cg16307399	DFFB	0.00244997	0.838813	0.958076	-1.04376	0.967709	0.991524	-1.00855	0.512189	0.869546	-1.15003	0.927458	0.981034	-1.01933	0.000106222	0.237237	-4.21519
cg00461770	DFFB	0.0148769	0.127171	0.688185	-1.4531	0.00889111	2.12586	2.12586	0.754434	1.07367	1.07367	0.422824	1.20378	1.20378	0.128915	0.689547	-1.45023
cg24578004	DFFB	0.0286412	0.146095	0.702816	-1.42285	0.00175611	0.365084	-2.73909	0.306278	1.27049	1.27049	0.313074	0.789914	-1.26596	0.743098	1.07717	1.07717
cg00827239	DFFB	0.0304001	0.24093	1.20857	1.20857	0.0397208	1.44333	1.44333	0.98328	1.00324	1.00324	0.957138	0.991741	-1.00833	0.0422993	1.43465	1.43465
cg25190722	DFFB	0.0339019	0.731556	1.16423	1.16423	0.0585275	0.389174	-2.56954	0.335325	0.64487	-1.5507	0.0435607	0.358898	-2.78631	0.0123916	0.252951	-3.95333
cg01920090	DFFB	0.036726	0.719311	0.948385	-1.05442	0.0892235	0.759412	-1.31681	0.00184689	0.522461	-1.91402	0.442376	0.891346	-1.1219	0.315884	0.85875	-1.16448
cg15556380	DFFB	0.0427466	0.381514	0.595698	-1.6787	0.209665	0.466223	-2.1449	0.0453024	0.265716	-3.76342	0.0389922	0.251803	-3.97136	0.00682675	0.132322	-7.55731
cg08459627	DFFB;DFFB;KIAA0562	0.0378968	0.251725	1.20074	1.20074	0.466923	1.11975	1.11975	0.36988	0.868757	-1.15107	0.161941	1.25629	1.25629	0.023793	1.51013	1.51013
cg04835615	DFFB;KIAA0562	0.00810578	0.0318801	0.81121	-1.23273	0.0723491	1.18156	1.18156	0.066482	1.18675	1.18675	0.0303555	0.809149	-1.23587	0.132531	1.14458	1.14458
cg16135451	DFFB;KIAA0562	0.0279778	0.0991469	0.290284	-3.4449	0.287394	0.469637	-2.12931	0.0570449	0.229178	-4.36343	0.569106	0.674534	-1.48251	0.00529041	0.0808393	-12.3702
cg08889585	DFFB;KIAA0562	0.0454145	0.396304	1.23898	1.23898	0.0669581	0.602545	-1.65963	0.844484	1.04964	1.04964	0.51751	1.17571	1.17571	0.637454	1.12423	1.12423
cg26712096	DFNA5;DFNA5	0.0383902	0.161512	0.722216	-1.38463	0.679354	0.9135	-1.09469	0.0183933	0.536547	-1.86377	0.351505	0.811635	-1.23208	0.00883978	0.484095	-2.06571
cg07504598	DFNA5;DFNA5;DFNA5	0.000302984	0.0855635	0.664141	-1.5057	0.00424656	2.27986	2.27986	0.00088163	2.92574	2.92574	0.000278447	3.59889	3.59889	0.30492	0.795492	-1.25708
cg00473134	DFNA5;DFNA5;DFNA5	0.00388867	0.491509	1.07337	1.07337	0.0196337	1.33066	1.33066	9.86E-05	2.01532	2.01532	0.786696	0.972888	-1.02787	0.131542	1.17936	1.17936
cg17790129	DFNA5;DFNA5;DFNA5	0.00931019	0.0479572	0.385393	-2.59475	0.00721008	0.231666	-4.31656	0.00656916	0.225669	-4.43126	0.0526226	0.394877	-2.53244	0.00431145	0.200006	-4.99984
cg20764575	DFNA5;DFNA5;DFNA5	0.0128961	0.412794	1.53705	1.53705	0.00406661	7.24259	7.24259	0.0175981	4.40553	4.40553	0.0519159	3.1126	3.1126	0.113082	0.412577	-2.42379
cg22804000	DFNA5;DFNA5;DFNA5	0.0147596	0.173716	1.53716	1.53716	0.00111638	4.16245	4.16245	0.067568	1.83737	1.83737	0.115533	1.66233	1.66233	0.259096	0.704867	-1.41871
cg17569154	DFNA5;DFNA5;DFNA5	0.0241128	0.883187	0.972649	-1.02812	0.730563	0.936873	-1.06738	0.0575775	0.666937	-1.49939	0.424542	1.1663	1.1663	0.720957	0.934586	-1.06999

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20746756	0.00309358	0.295411	-3.38512	0.224679	0.681021	-1.46838	0.14498	0.62407	-1.60238	0.00153501	0.253317	-3.94763	6.86692	9.86767	1.27732	1
cg27658254	0.428894	0.709876	-1.4087	0.00717432	0.229274	-4.36158	0.00252059	0.168692	-5.92797	0.0125417	0.267791	-3.73425	6.76773	19.2973	2.53455	1
cg07580128	0.0538715	1.74019	1.74019	0.00805165	2.36126	2.36126	0.0172577	2.08386	2.08386	0.206164	1.40147	1.40147	6.36028	6.45334	0.901894	1
cg08520702	0.0104895	1.67219	1.67219	0.264009	1.20423	1.20423	0.0464847	0.694901	-1.43905	0.185731	0.799338	-1.25103	6.09897	2.46107	0.358687	1
cg07341224	0.00115524	0.402346	-2.48542	0.283931	1.23649	1.23649	0.222216	0.782996	-1.27715	0.242674	0.792033	-1.26257	5.88562	3.38955	0.511915	1
cg14480530	0.750048	0.762439	-1.31158	0.240542	0.35249	-2.83696	0.00671996	19.7422	19.7422	0.622551	1.52355	1.52355	5.54868	63.2861	10.1383	1
cg17937438	0.269076	1.19892	1.19892	0.00169937	2.02696	2.02696	0.0377449	0.683989	-1.46201	0.317672	0.849759	-1.1768	5.53488	2.17776	0.349743	1
cg22457637	0.433366	0.797193	-1.2544	0.00150467	0.273444	-3.65706	0.584786	0.855187	-1.16934	0.0115406	0.40836	-2.44882	5.36165	6.82555	1.13158	1
cg00989157	0.00659603	0.255362	-3.91601	0.00604205	0.249603	-4.00635	0.973721	1.01283	1.01283	0.94689	0.974548	-1.02612	5.33679	12.659	2.10847	1
cg03401656	0.223636	1.2662	1.2662	0.055015	1.49428	1.49428	0.991771	0.998098	-1.00191	0.21691	1.27105	1.27105	5.20973	2.81183	0.479756	1
cg11716073	0.0228864	3.03571	3.03571	0.00244466	5.58365	5.58365	0.00883389	3.895	3.895	0.046555	2.53389	2.53389	5.08989	13.4123	2.3423	1
cg04342924	0.538196	1.149	1.149	0.0642158	0.62912	-1.58952	0.000733515	3.13778	3.13778	0.0628711	0.627277	-1.59419	4.87267	3.83253	0.699143	1
cg08788930	0.596111	0.78895	-1.26751	0.110742	0.462948	-2.16007	0.634897	0.80897	-1.23614	0.0283497	0.317589	-3.14873	4.75605	14.7942	2.76498	1
cg16499923	0.759124	1.19734	1.19734	0.141826	2.52169	2.52169	0.0199122	5.18395	5.18395	0.495088	0.66653	-1.50031	4.73621	25.7218	4.82745	1
cg15148513	0.40776	0.764588	-1.30789	0.265167	1.44498	1.44498	0.0379183	2.14457	2.14457	0.854275	1.06001	1.06001	4.73325	7.53227	1.41454	1
cg06562707	0.270081	1.21709	1.21709	0.323676	1.19051	1.19051	0.0378647	0.662381	-1.50971	0.465739	0.880737	-1.13541	4.59208	2.12861	0.412034	1
cg06440414	0.447917	0.852137	-1.17352	0.892547	0.972427	-1.02835	0.0964357	0.685503	-1.45878	0.0198193	0.558796	-1.78956	4.51563	3.06088	0.602527	1
cg24476153	0.287164	0.706845	-1.41474	0.00285581	0.275641	-3.62791	0.00787204	0.342894	-2.91635	0.0113523	0.369714	-2.7048	4.45559	6.95428	1.38738	1
cg22899502	0.846245	1.04292	1.04292	0.118433	1.44332	1.44332	0.0330037	0.582904	-1.71555	0.0150014	0.52346	-1.91037	4.35296	3.2307	0.659719	1
cg10447827	0.147396	0.474864	-2.10586	0.440666	1.45746	1.45746	0.361857	1.56674	1.56674	0.335245	0.621241	-1.60968	4.15066	15.0859	3.23074	1
cg06445561	0.363436	0.770532	-1.2978	0.0021695	3.32307	3.32307	0.0361569	1.97385	1.97385	0.645735	1.1379	1.1379	4.0171	4.95555	1.09654	1
cg12809098	0.645579	0.861186	-1.16119	0.270732	1.44781	1.44781	0.571455	1.20268	1.20268	0.0921116	0.549728	-1.81908	3.9244	6.47269	1.46609	1
cg16425577	0.383941	0.702506	-1.42348	0.0169507	0.316051	-3.16404	0.0309262	0.367079	-2.72421	0.0726173	0.452838	-2.20829	3.7448	9.27818	2.20233	1
cg25322632	0.0973075	0.793938	-1.25954	0.0874494	0.787205	-1.27032	0.794879	1.03359	1.03359	0.171434	0.831396	-1.2028	3.7348	0.951285	0.226408	1
cg13133827	0.409526	1.21649	1.21649	0.209642	1.35963	1.35963	0.00283741	0.384875	-2.59825	0.36509	0.805553	-1.24138	3.67553	3.14252	0.759986	1
cg27390061	0.623633	1.13922	1.13922	0.0168985	0.463928	-2.15551	0.289987	0.748685	-1.33567	0.164656	0.67658	-1.47802	3.4741	3.82164	0.977809	1
cg11307715	0.212809	1.31243	1.31243	0.0570468	1.56229	1.56229	0.910263	1.02364	1.02364	0.0547105	0.63665	-1.57072	3.42034	2.32579	0.604433	1
cg16701105	?	?	?	?	?	?	0.0837536	0.575802	-1.73671	0.908007	1.03162	1.03162	21.5668	15.1516	0.585452	1
cg18148659	0.12441	0.785404	-1.27323	0.0135689	1.55815	1.55815	0.160589	1.24312	1.24312	0.797013	0.963267	-1.03813	5.40904	1.80603	0.296792	1
cg24930797	0.145327	0.794884	-1.25805	0.277441	1.18035	1.18035	0.402982	1.13387	1.13387	0.114244	1.28686	1.28686	5.08299	1.73489	0.303389	1
cg18699533	0.399411	1.48845	1.48845	0.102346	0.438578	-2.2801	0.619942	0.794141	-1.25922	0.529416	1.34144	1.34144	4.86281	16.3711	2.99252	1
cg03683250	0.104106	1.62687	1.62687	0.0857457	0.594457	-1.68221	0.228818	0.707591	-1.41325	0.404052	0.791489	-1.26344	4.73445	5.62433	1.05596	1
cg00220965	0.38136	0.867514	-1.15272	0.0234757	1.5348	1.5348	0.857752	1.02881	1.02881	0.636123	1.07836	1.07836	4.26337	1.69189	0.35275	1
cg17826986	0.00137694	0.4285	-2.33372	0.000179589	0.314006	-3.18465	0.00159902	2.28626	2.28626	0.00930473	0.54742	-1.82675	16.3051	8.61266	0.469528	1
cg19292953	0.000837273	0.362289	-2.76023	0.0109626	0.524711	-1.90581	0.278108	0.79625	-1.25589	0.112413	0.705292	-1.41785	7.4923	4.84279	0.57455	1
cg24678869	0.00643003	2.16354	2.16354	0.0911587	1.4995	1.4995	0.000668416	3.1068	3.1068	0.0457468	1.64654	1.64654	7.01994	5.27101	0.667433	1
cg17298305	0.0601149	0.48418	-2.06535	0.0146139	0.357569	-2.79666	0.141964	1.71602	1.71602	0.288985	0.686285	-1.45712	6.04487	11.1992	1.64683	1
cg18237510	0.304773	0.893714	-1.11893	0.00416475	1.50087	1.50087	0.0394316	1.28649	1.28649	0.978718	0.997184	-1.00282	4.57872	0.810717	0.157388	1
cg16582214	0.127649	0.592995	-1.68635	0.783479	1.09132	1.09132	0.141478	0.605567	-1.65134	0.802249	0.923478	-1.08286	4.27028	6.80667	1.41685	1
cg04394763	0.389747	0.501804	-1.99281	0.0465311	6.14297	6.14297	0.00348851	25.7324	25.7324	0.0417636	6.49319	6.49319	3.89331	32.5984	7.3263	1
cg12796135	0.0155856	0.390995	-2.55758	0.151213	0.614473	-1.62741	0.0250651	2.32545	2.32545	0.663486	1.14869	1.14869	3.44026	5.46269	1.41144	1
cg15831722	0.0503338	0.600313	-1.6658	0.323379	0.791906	-1.26278	0.0189994	1.91474	1.91474	0.348507	0.801898	-1.24704	4.38915	3.63715	0.736593	1
cg19584733	0.00542621	0.479878	-2.08386	0.201731	0.762989	-1.31064	0.906839	0.976782	-1.02377	0.15208	0.735003	-1.36054	4.87449	3.10863	0.566875	1
cg12894917	0.561763	0.944405	-1.05887	1.24E-06	0.295781	-3.38088	0.780553	0.973136	-1.02761	0.223604	0.882791	-1.13277	23.7279	3.57247	0.133831	1
cg17543520	0.762789	0.940615	-1.06313	0.000119139	0.25635	-3.90091	0.790142	1.05543	1.05543	0.418781	1.18186	1.18186	7.43932	4.81952	0.575862	1
cg03830273	0.0511342	0.49254	-2.03029	0.0368797	0.46167	-2.16605	0.139674	0.602451	-1.65989	0.00541362	0.311267	-3.21268	7.29944	11.7522	1.43112	1
cg04450855	0.237761	0.783372	-1.27653	0.777345	1.05756	1.05756	0.620644	1.10351	1.10351	0.0290132	0.601648	-1.6621	7.07247	4.36541	0.548658	1
cg26873132	0.00576426	0.156658	-6.38332	0.0151746	0.216915	-4.6101	0.473818	1.45243	1.45243	0.0396593	0.295566	-3.38334	4.38598	18.2346	3.69554	1
cg04657294	0.975178	1.00623	1.00623	0.00313923	2.23878	2.23878	0.496202	0.871182	-1.14787	0.233105	0.779154	-1.28344	3.61013	2.27779	0.560839	1
cg05215420	0.000542183	0.313539	-3.1894	0.000210317	0.262681	-3.8069	0.0824815	1.51414	1.51414	0.00121921	0.360284	-2.77559	20.4001	15.0303	0.654913	1
cg00182053	0.00570705	0.321063	-3.11466	0.000125179	0.12312	-8.12216	0.0877368	1.80528	1.80528	0.118488	0.587896	-1.70098	16.2782	25.3275	1.38304	1
cg12105860	0.356593	0.904414	-1.10569	0.000250815	0.527332	-1.89634	0.0250485	1.32638	1.32638	0.123528	0.837979	-1.19335	10.2121	1.81588	0.158059	1
cg16298118	0.0420422	0.493985	-2.02435	0.0452342	1.99685	1.99685	0.0664793	1.85808	1.85808	0.0155351	0.409248	-2.44351	5.65435	8.11573	1.27583	1
cg02278087	0.456502	0.759859	-1.31603	0.0020817	0.208226	-4.80247	0.375504	1.39009	1.39009	0.374627	0.718919	-1.39098	3.53626	7.3447	1.84619	1
cg26814847	0.875688	0.978168	-1.02232	0.000952198	0.499398	-2.00241	0.852604	0.974116	-1.02657	0.298586	0.859059	-1.16406	7.24492	2.2812	0.279883	1
cg14335813	0.0725742	0.751671	-1.33037	7.88E-05	0.361609	-2.76542	0.0803306	0.758495	-1.3184	0.270069	0.849048	-1.17779	7.09706	2.28213	0.285832	1
cg16296724	0.202736	0.797443	-1.25401	0.00926526	0.573611	-1.74334	0.744457	0.946435	-1.0566	0.739767	1.05771	1.05771	4.83797	2.17079	0.398843	1
cg18167921	0.000643244	0.482149	-2.07405	1.17E-05	0.274491	-3.64311	7.73E-05	0.369015	-2.70992	0.0468653	0.728392	-1.37289	28.8073	8.8516	0.273129	1
cg19634693	0.00173233	0.615011	-1.62599	1.00E-05	0.356635	-2.80399	0.000439217	0.546542	-1.82968	1.79E-05	0.38526	-2.59565	25.0195	4.68988	0.166621	1
cg19916364	0.0155019	0.407258	-2.45545	0.000186748	0.148369	-6.73995	0.0422359	0.492673	-2.02974	0.0153938	0.406708	-2.45877	9.07295	13.1528	1.2886	1
cg13174009	0.0157522	0.567966	-1.76067	0.000606481	0.364054	-2.74684	0.0490135	1.53674	1.53674	0.0512959	0.654252	-1.52846	5.59242	3.23728	0.514551	1
cg25271509	0.515855	0.854457	-1.17033	0.0848928	1.57599	1.57599	0.634538	1.12112	1.12112	0.381087	1.23922	1.23922	5.23355	4.72443	0.802417	1
cg14609721	0.266392	0.785281	-1.27343	0.00718637	0.484662	-2.06329	0.0643341	0.648021	-1.54316	0.0624758	0.64556	-1.54904	4.33265	2.98964	0.613356	1
cg04663440	0.564697	0.895637	-1.11652	1.60E-06	0.101504	-9.85184	0.986881	1.00312	1.00312	0.998789	1.00029	1.00029	18.1381	10.2967	0.50461	1
cg26414750	3.85E-05	0.120167	-8.32176	0.631896	1.13839	1.13839	0.0852296	1.66694	1.66694	0.568864	1.16723	1.16723	9.5736	10.9341	1.01521	1
cg01233571	0.0192043	0.366763	-2.72656	0.00135527	0.192584	-5.19254	0.552062	0.808155	-1.23739	0.000944634	0.174516	-5.73012	7.50156	14.8929	1.76472	1
cg12329933	0.083625	0.675928	-1.47945	0.276109	1.26079	1.26079	0.01005	1.94366	1.94366	0.0319341	0.597975	-1.67231	7.44471	4.93347	0.589051	1
cg13353311	0.175846	0.77121	-1.29666	0.000398528	0.361597	-2.76551	0.0467572	1.50824	1.50824	0.119327	1.35676	1.35676	6.66019	3.43661	0.45866	1
cg08795084	0.157968	0.693499	-1.44196	0.0121379	0.468608	-2.13398	0.482929	1.18873	1.18873	0.0213333	0.51131	-1.95576	5.8229	5.42119	0.827566	1
cg17504997	0.805895	1.02777	1.02777	0.0480534	0.777716	-1.28582	0.0862839	0.809908	-1.23471	0.338518	0.896051	-1.11601	4.92492	0.96537	0.174238	1
cg17679455	0.075679	0.804292	-1.24333	0.746127	0.96485	-1.03643	0.013907	1.39755	1.39755	0.523413	0.931244	-1.07383	4.45547	0.856199	0.170816	1
cg04112842	0.100751	0.410758	-2.43452	0.00110517	0.092544	-10.8057	0.266848	0.564068	-1.77284	0.0235763	0.262313	-3.81224	4.30868	16.7177	3.4489	1
cg15464363	0.0307992	1.12949	1.12949	0.0014701	0.802198	-1.24658	0.113145	0.920562	-1.08629	0.0338227	0.887843	-1.12633	11.3984	0.416048	0.0324448	1
cg19102575	0.00296457	0.291761	-3.42746	0.000145686	0.138792	-7.20503	0.35473	0.750094	-1.33317	0.049358	0.50789	-1.96893	8.24029	11.9056	1.28427	1
cg03550506	0.00820083	1.41071	1.41071	0.0133544	0.732148	-1.36584	0.210621	0.874423	-1.14361	0.162214	0.859154	-1.16394	4.4534	0.729919	0.14569	1
cg10156042	0.288004	1.43472	1.43472	0.438003	1.29547	1.29547	0.2306	0.662629	-1.50914	0.470764	1.27136	1.27136	3.66145	6.20946	1.50747	1
cg16160637	0.721112	1.11247	1.11247	0.00493475	0.330474	-3.02596	0.150005	1.58231	1.58231	0.871549	1.04929	1.04929	3.60304	5.0456	1.24478	1
cg02919712	0.000591262	0.313939	-3.18533	7.56E-06	0.116571	-8.57849	0.542367	1.14414	1.14414	0.0557406	0.622959	-1.60524	29.6087	22.3559	0.671152	1
cg05034642	0.548004	0.85457	-1.17018	0.00685728	0.404478	-2.47233	0.0329595	0.52478	-1.90556	0.0364735	0.533408	-1.87474	7.6967	8.14677	0.940867	1
cg12051359	0.0657396	0.768921	-1.30052	0.097422	0.793388	-1.26042	0.290469	1.14981	1.14981	0.00211822	1.73283	1.73283	7.26679	1.86357	0.227956	1
cg17964016	0.640449	1.12593	1.12593	0.000998827	0.291634	-3.42895	0.904713	0.970255	-1.03066	0.870739	0.95977	-1.04192	6.24723	6.29033	0.895022	1
cg05365525	0.247538	1.18301	1.18301	0.000695438	0.487116	-2.0529	0.619953	1.07196	1.07196	0.523085	0.913962	-1.09414	5.33886	1.63387	0.272029	1
cg16851881	0.00789153	0.623508	-1.60383	0.277728	1.16938	1.16938	0.748979	1.04551	1.04551	0.439737	1.11542	1.11542	5.28613	1.60869	0.27051	1
cg21645572	0.228144	1.81331	1.81331	0.00137986	8.86902	8.86902	0.01372	4.19452	4.19452	0.0394173	3.06817	3.06817	4.18516	14.673	3.1164	1
cg25580008	0.147668	0.754715	-1.325	0.0765002	0.699794	-1.42899	0.0734963	0.69663	-1.43548	0.00662459	0.528092	-1.89361	3.60446	1.87353	0.462029	1
cg00938672	0.616743	0.936304	-1.06803	7.75E-06	0.278117	-3.59561	0.19673	1.19486	1.19486	0.306667	1.14802	1.14802	12.9763	3.49652	0.239514	1
cg00035630	1.85E-07	0.216207	-4.62519	0.205523	0.879825	-1.13659	0.0149632	0.750661	-1.33216	5.85E-05	0.489862	-2.04139	87.3324	12.7107	0.129372	1
cg07675337	0.0390327	0.397922	-2.51305	0.000941158	0.1491	-6.7069	0.204828	0.596858	-1.67544	0.277626	0.646924	-1.54578	8.33908	19.6526	2.09483	1
cg10937302	0.153092	1.11051	1.11051	0.000171414	0.645651	-1.54882	0.591274	1.03784	1.03784	0.106562	1.12831	1.12831	8.35521	0.621088	0.066076	1
cg12691382	0.681783	1.13246	1.13246	0.00322799	0.297504	-3.3613	0.0369659	2.07706	2.07706	0.667866	1.1391	1.1391	5.19032	7.48294	1.28152	1
cg26935570	0.0010253	0.278116	-3.59562	5.74E-06	0.0681939	-14.6641	0.684356	1.11346	1.11346	0.00121086	0.287666	-3.47625	25.6735	28.1142	0.973394	1
cg15169727	0.0292257	0.598994	-1.66947	1.16E-05	0.156556	-6.38748	0.43405	1.17261	1.17261	0.0114828	0.532156	-1.87915	17.2863	10.8949	0.560231	1
cg22797175	0.0418435	1.39086	1.39086	0.0694585	0.751544	-1.33059	0.0505117	1.36818	1.36818	0.248876	1.18474	1.18474	8.84762	2.77218	0.278511	1
cg05418042	0.974402	0.992257	-1.0078	0.0878824	0.633595	-1.5783	0.223071	1.36365	1.36365	0.454309	1.2028	1.2028	5.06333	4.70683	0.826305	1
cg25496104	0.896494	0.972055	-1.02875	0.257494	1.29347	1.29347	0.00109025	0.35014	-2.856	0.196114	0.742545	-1.34672	4.73785	3.55827	0.667583	1
cg15554941	0.178378	0.551209	-1.8142	0.0120465	0.271348	-3.68531	0.892271	1.05807	1.05807	0.039136	0.369931	-2.7032	4.47434	12.2968	2.44294	1
cg11228717	0.22696	0.70478	-1.41888	0.0485307	0.537099	-1.86185	0.0892813	1.67665	1.67665	0.113098	0.6215	-1.60901	4.23953	5.10797	1.07097	1
cg14754427	0.0460967	0.402784	-2.48272	0.700725	1.16609	1.16609	0.102537	0.491246	-2.03564	0.0508274	0.412623	-2.42352	3.41525	8.56265	2.22861	1
cg00130866	0.40563	1.15041	1.15041	0.000749035	0.430716	-2.32172	0.3834	0.86312	-1.15859	0.000652694	0.422915	-2.36454	8.6685	3.72362	0.381828	1
cg14743346	0.0823312	0.282317	-3.54212	0.000387667	0.024258	-41.2235	0.942784	0.953925	-1.0483	0.00823924	0.108524	-9.21457	6.71483	45.9277	6.07977	1
cg25436822	0.00905172	0.736863	-1.3571	0.0144139	0.757612	-1.31994	0.00808124	0.731811	-1.36647	0.844043	0.982034	-1.01829	4.24787	0.569994	0.119274	1
cg06528830	0.329191	1.78038	1.78038	0.694426	0.797592	-1.25377	0.000612512	0.0486641	-20.549	0.0348482	0.244449	-4.09083	6.75431	27.2984	4.61901	1
cg20126496	0.687447	0.928461	-1.07705	0.127197	0.738798	-1.35355	0.842139	1.03727	1.03727	0.0674811	0.686605	-1.45644	4.4725	2.38591	0.474189	1
cg07564061	0.194883	0.651396	-1.53516	0.00103559	4.99036	4.99036	0.184458	1.5531	1.5531	0.0124707	2.71271	2.71271	8.92904	13.2967	1.15823	1
cg10504436	0.735934	0.911934	-1.09657	0.0313129	0.502585	-1.98971	0.0593367	0.560026	-1.78563	0.445325	0.809044	-1.23603	4.59998	5.40415	1.04429	1
cg05386077	0.0792209	1.51561	1.51561	0.297647	0.79422	-1.2591	0.936415	0.983118	-1.01717	0.016461	0.535032	-1.86905	4.16665	3.00493	0.641055	1
cg18024487	0.0348923	1.55986	1.55986	0.203243	0.784372	-1.2749	0.0438286	0.657727	-1.52039	0.298349	1.21524	1.21524	3.56904	1.84843	0.46036	1
cg01812045	0.0698978	2.70087	2.70087	0.000346999	16.7924	16.7924	0.00267573	7.65342	7.65342	0.0247065	3.70988	3.70988	7.48925	28.505	3.38322	1
cg03583111	0.0449379	5.7475	5.7475	0.000968766	41.7547	41.7547	0.00440605	17.9681	17.9681	0.0172767	9.05912	9.05912	5.61106	51.3144	8.1291	1
cg01627304	0.022778	0.461996	-2.16452	0.0295882	0.483961	-2.06628	0.0902559	0.589215	-1.69717	0.0875901	0.586081	-1.70625	5.24776	6.6724	1.1302	1
cg02181220	0.514346	0.901496	-1.10927	0.793317	1.04204	1.04204	0.568107	0.913492	-1.0947	0.107656	0.759321	-1.31697	4.5155	1.75876	0.346217	1
cg13227481	0.631233	0.798155	-1.25289	0.00870611	0.210462	-4.75145	0.0216721	3.61509	3.61509	0.0368597	3.09642	3.09642	4.31629	14.8565	3.05951	1
cg15015639	0.635436	1.31808	1.31808	0.348865	0.572519	-1.74667	0.0175591	5.31831	5.31831	0.0248657	4.68415	4.68415	3.55918	18.8511	4.70797	1
cg23490796	0.488414	0.816996	-1.224	0.0220484	0.454528	-2.20008	0.0505417	1.89629	1.89629	0.0969182	1.68747	1.68747	3.39701	4.43648	1.16088	1
cg21541753	0.14843	1.29331	1.29331	0.168897	0.784092	-1.27536	0.35755	0.854701	-1.17	0.00552024	0.545962	-1.83163	8.08684	3.52647	0.387622	1
cg14796261	0.090011	0.793463	-1.2603	0.0121498	0.6791	-1.47254	0.0248524	0.718462	-1.39186	0.579678	0.93308	-1.07172	6.12697	1.48745	0.215796	1
cg04667141	0.0101887	0.695056	-1.43873	0.0500187	0.77809	-1.2852	0.206307	1.16144	1.16144	0.847086	1.02191	1.02191	5.32616	1.06332	0.177459	1
cg19626546	0.433456	0.898776	-1.11262	0.28602	1.15944	1.15944	0.570301	1.0796	1.0796	0.0146244	0.669372	-1.49394	3.54343	1.00045	0.25097	1
cg13904286	0.542021	1.09256	1.09256	0.597824	1.07934	1.07934	0.246114	1.19001	1.19001	0.00107281	1.9996	1.9996	7.86558	2.56238	0.289575	1
cg17075937	0.706064	0.87308	-1.14537	0.00126526	6.00847	6.00847	?	?	?	0.0207951	2.79008	2.79008	9.83571	13.0277	1.54529	1
cg15452426	0.0878541	0.723902	-1.3814	0.0151872	0.599597	-1.66779	0.0206747	1.61269	1.61269	0.352512	0.848667	-1.17832	6.55683	3.05476	0.414124	1
cg21149582	0.254773	1.75629	1.75629	0.320158	0.615221	-1.62543	0.238835	1.79425	1.79425	0.00053931	0.0654362	-15.2821	6.20329	18.9271	2.66974	1
cg11843760	0.0205844	0.639906	-1.56273	0.0355131	0.67586	-1.4796	0.982304	0.996456	-1.00356	0.318443	1.17945	1.17945	3.39293	1.37668	0.360668	1
cg20805920	0.369338	0.768045	-1.30201	0.00623276	0.360397	-2.77472	0.20491	0.681898	-1.4665	0.0302454	0.482264	-2.07355	5.42403	7.03861	1.15349	1
cg16307399	0.0259189	1.74374	1.74374	0.697245	1.08568	1.08568	0.0222018	0.561874	-1.77976	0.00452995	0.451431	-2.21518	9.08591	6.36296	0.622498	1
cg00461770	0.00154513	0.356451	-2.80543	0.176999	0.722471	-1.38414	0.30737	0.787123	-1.27045	0.341053	0.800711	-1.24889	5.19483	4.22218	0.722457	1
cg24578004	0.849582	0.957996	-1.04385	0.0227195	1.85213	1.85213	0.983678	0.995387	-1.00463	0.615612	0.891886	-1.12122	4.15447	3.36115	0.719149	1
cg00827239	0.35824	1.15695	1.15695	0.000826684	2.17515	2.17515	0.803464	1.03923	1.03923	0.146564	1.27183	1.27183	4.06763	1.53401	0.335224	1
cg25190722	0.585804	0.784295	-1.27503	0.00186001	0.142302	-7.0273	0.291806	0.616943	-1.6209	0.348802	0.653178	-1.53098	3.91191	12.0799	2.74488	1
cg01920090	0.0158352	0.647897	-1.54346	0.829661	0.968857	-1.03214	0.414485	0.88471	-1.13031	0.022952	0.670649	-1.49109	3.80014	1.29787	0.303583	1
cg15556380	0.0563713	0.28737	-3.47983	0.00689599	0.132838	-7.52796	0.917399	0.941883	-1.0617	0.372629	0.589623	-1.696	3.59374	18.9593	4.68946	1
cg08459627	0.249086	0.83189	-1.20208	0.0242605	0.663432	-1.50731	0.406049	0.878211	-1.13868	0.022776	1.51648	1.51648	3.75687	1.38887	0.328612	1
cg04835615	0.623089	1.04207	1.04207	0.00106348	1.49562	1.49562	0.209285	0.895743	-1.11639	0.446981	1.06661	1.06661	6.31797	0.692605	0.0974441	1
cg16135451	0.0615295	0.236674	-4.22522	0.00336604	0.0652762	-15.3195	0.0673824	0.24601	-4.06487	0.0284508	0.170447	-5.86692	4.18895	31.0591	6.59069	1
cg08889585	0.0324461	0.539188	-1.85464	0.975763	1.00752	1.00752	0.20473	1.39113	1.39113	0.00455905	0.393779	-2.5395	3.51344	3.38638	0.856745	1
cg26712096	0.0249191	1.7877	1.7877	0.242129	0.766079	-1.30535	0.700002	1.08793	1.08793	0.428666	0.838724	-1.19229	3.73913	2.80569	0.666987	1
cg07504598	0.0041011	2.29173	2.29173	7.26E-05	4.73659	4.73659	0.00106387	2.83462	2.83462	0.134412	1.41567	1.41567	16.4056	12.0503	0.652909	1
cg00473134	0.261494	0.888108	-1.12599	0.142998	0.85255	-1.17295	0.09268	1.20623	1.20623	0.124088	1.18383	1.18383	7.91953	1.28803	0.144569	1
cg17790129	0.0111549	0.261455	-3.82475	0.0103737	0.2563	-3.90168	0.352747	1.49669	1.49669	0.057097	0.403408	-2.47888	6.04692	17.0324	2.50373	1
cg20764575	0.0080273	5.71874	5.71874	0.0107504	5.18307	5.18307	0.0634773	2.91921	2.91921	0.34399	1.64945	1.64945	5.44439	22.7262	3.71044	1
cg22804000	0.0395343	2.02843	2.02843	0.0199816	2.30276	2.30276	0.0128282	2.50448	2.50448	0.208645	1.4825	1.4825	5.20843	7.27899	1.24226	1
cg17569154	0.0054102	1.99481	1.99481	0.0185939	1.71299	1.71299	0.0140829	1.7712	1.7712	0.776682	0.947773	-1.05511	4.41223	2.48631	0.500893	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09333471	DFNA5;DFNA5;DFNA5	0.0255509	0.00814816	0.528076	-1.89367	0.588677	0.902188	-1.10842	0.129038	0.733995	-1.36241	0.460185	0.867824	-1.15231	0.00221454	0.445556	-2.24438
cg19706795	DFNA5;DFNA5;DFNA5	0.028591	0.491242	1.31277	1.31277	0.0284721	2.73567	2.73567	0.0662466	2.22983	2.22983	0.0137884	3.27049	3.27049	0.0502509	0.419462	-2.38401
cg04770504	DFNA5;DFNA5;DFNA5;DFNA5;DFNA5	0.000693259	0.705671	1.03043	1.03043	0.0525707	1.19022	1.19022	0.971332	1.00284	1.00284	0.00277214	0.721787	-1.38545	0.00696201	0.758924	-1.31765
cg24805239	DFNA5;DFNA5;DFNA5;DFNA5;DFNA5	0.0255801	0.696248	0.930823	-1.07432	0.0222156	1.65012	1.65012	0.100915	0.720166	-1.38857	0.0225286	1.64747	1.64747	0.143445	0.750311	-1.33278
cg23916845	DFNB31	0.00254184	0.000298862	0.399373	-2.50392	0.00443121	0.553034	-1.80821	0.0345411	0.6808	-1.46886	0.311342	0.849267	-1.17749	0.02061	0.647302	-1.54487
cg01455880	DFNB31	0.0354823	0.0082766	0.712029	-1.40444	0.506139	0.936732	-1.06754	0.150338	1.16259	1.16259	0.0040746	0.676338	-1.47855	0.413366	0.922089	-1.08449
cg14576347	DFNB31;DFNB31	0.000145512	0.00403115	0.630528	-1.58597	0.0192409	1.40229	1.40229	0.0197495	0.714526	-1.39953	0.0733233	0.787868	-1.26925	5.62E-06	0.29446	-3.39604
cg14319286	DFNB31;DFNB31	0.0026869	0.00149295	0.230452	-4.3393	0.712653	1.12587	1.12587	0.594854	1.18772	1.18772	0.0174253	0.395443	-2.52881	0.000131326	0.119181	-8.3906
cg13636371	DFNB31;DFNB31	0.00645398	0.0459637	0.537103	-1.86184	0.0254345	2.05807	2.05807	0.066568	0.571766	-1.74897	0.310832	1.3297	1.3297	0.0242725	2.07455	2.07455
cg13826055	DFNB31;DFNB31	0.00967717	0.652929	0.927686	-1.07795	0.00284847	1.97584	1.97584	0.373101	1.16372	1.16372	0.0260446	1.54955	1.54955	0.00195338	2.06728	2.06728
cg00305629	DFNB31;DFNB31	0.0498979	0.049853	0.472301	-2.11729	0.0570867	0.485819	-2.05838	0.111705	0.559384	-1.78768	0.125883	1.74261	1.74261	0.317356	0.707073	-1.41428
cg13438334	DGAT1	0.00184729	0.198456	0.782799	-1.27747	0.642745	0.919274	-1.08782	7.01E-05	0.270421	-3.69794	0.000780894	0.400285	-2.49822	?	?	?
cg02397782	DGAT2	0.00326218	0.950608	0.976619	-1.02394	0.24761	0.630236	-1.58671	0.713579	0.868666	-1.15119	0.136946	0.54234	-1.84386	0.800884	0.907996	-1.10133
cg22173131	DGAT2	0.00583231	0.0463122	2.90458	2.90458	0.129947	0.46574	-2.14712	0.889371	0.937054	-1.06717	0.373448	1.53234	1.53234	0.077116	0.399268	-2.50458
cg24689245	DGAT2	0.00601119	0.854007	1.02254	1.02254	0.46897	1.09325	1.09325	0.0025579	1.65907	1.65907	0.0118675	1.46237	1.46237	0.0844662	0.79379	-1.25978
cg04084597	DGAT2	0.00802564	0.0207206	0.774104	-1.29182	0.51985	1.06182	1.06182	0.141929	1.15624	1.15624	0.722314	0.967727	-1.03335	0.628257	0.956134	-1.04588
cg04374654	DGAT2	0.0143552	0.410792	1.21324	1.21324	0.00107193	0.329386	-3.03595	0.0285137	0.552133	-1.81116	0.696731	1.09419	1.09419	0.381651	0.813664	-1.22901
cg23768534	DGAT2	0.016938	0.798837	1.04423	1.04423	0.34009	0.846526	-1.1813	0.010488	0.579345	-1.72609	0.456196	1.13724	1.13724	0.0181283	0.614905	-1.62627
cg00177875	DGAT2	0.0241992	0.938257	0.987138	-1.01303	0.0858995	0.728224	-1.3732	0.891569	1.02305	1.02305	0.94751	1.01106	1.01106	0.00205481	0.484015	-2.06605
cg09789664	DGAT2;DGAT2	0.00512991	0.642658	0.944315	-1.05897	0.625429	0.941455	-1.06219	0.963581	1.00561	1.00561	0.921485	1.01216	1.01216	0.0489196	0.759017	-1.31749
cg26185531	DGAT2;DGAT2	0.0475083	0.337599	1.11138	1.11138	0.0997454	0.82473	-1.21252	0.3844	0.90913	-1.09995	0.0881045	0.817879	-1.22267	0.079289	0.812129	-1.23133
cg26964112	DGAT2L6	0.000275707	0.326957	0.831198	-1.20308	0.000102798	0.284838	-3.51076	0.000628438	0.382773	-2.61251	0.00578457	0.51656	-1.93588	0.000816948	0.397817	-2.51372
cg09510036	DGAT2L6	0.00300997	0.0320437	0.419421	-2.38424	0.00206846	0.223004	-4.48422	0.0197013	0.377397	-2.64973	0.0228031	0.38963	-2.56654	0.00147474	0.20446	-4.89093
cg05129588	DGAT2L6	0.0142058	0.669671	1.20366	1.20366	0.274244	0.611753	-1.63465	0.225619	0.577132	-1.7327	0.334135	0.650319	-1.53771	0.000338554	0.0825073	-12.1201
cg27055580	DGAT2L6	0.0244532	0.131468	0.450027	-2.22209	0.326296	0.608384	-1.6437	0.155276	0.474396	-2.10794	0.110811	0.426593	-2.34415	0.0162025	0.236429	-4.22961
cg27064949	DGAT2L6	0.0297208	0.729241	1.16439	1.16439	0.899935	1.05665	1.05665	0.0948253	0.447492	-2.23468	0.034189	0.338772	-2.95184	0.00227677	0.15423	-6.48381
cg20096409	DGCR10	0.00257571	0.732014	1.06945	1.06945	0.00180091	0.420141	-2.38015	0.0102976	0.531795	-1.88042	0.011493	1.85438	1.85438	0.00871303	0.520546	-1.92106
cg07816271	DGCR10	0.0120951	0.010851	0.211609	-4.7257	0.0072708	0.186216	-5.37011	0.00482852	0.162848	-6.14071	0.046412	0.330378	-3.02683	0.0106132	0.210133	-4.75888
cg22664428	DGCR11;DGCR2	0.0397953	0.828696	1.04786	1.04786	0.531337	0.872143	-1.1466	0.887434	0.969905	-1.03103	0.583255	1.12698	1.12698	0.00239892	0.401469	-2.49085
cg09343544	DGCR14	0.00301051	0.00290057	0.663139	-1.50798	0.362249	0.910318	-1.09852	0.701927	1.03934	1.03934	0.582821	1.05724	1.05724	0.00206744	0.647092	-1.54538
cg16640061	DGCR14	0.00594089	0.307949	1.08246	1.08246	0.0085239	1.28665	1.28665	0.0999415	1.14493	1.14493	0.223383	0.908419	-1.10081	0.00336218	0.741167	-1.34922
cg18655348	DGCR14	0.00594119	0.00195617	0.458697	-2.18009	0.0407956	1.52244	1.52244	0.00118877	0.429165	-2.33011	0.713525	1.06783	1.06783	0.0644313	0.690885	-1.44742
cg05080328	DGCR14	0.0488094	0.561699	1.29354	1.29354	0.594771	1.26555	1.26555	0.60264	1.2591	1.2591	0.119193	0.476273	-2.09963	0.00107291	0.120109	-8.3258
cg19974128	DGCR2	6.73E-06	0.0276059	0.775953	-1.28874	0.197814	1.14175	1.14175	0.309577	1.10783	1.10783	0.162571	0.864863	-1.15625	0.00264184	0.666858	-1.49957
cg03645851	DGCR2	0.000186405	0.877208	1.0308	1.0308	3.03E-05	4.95468	4.95468	0.000500906	2.90934	2.90934	0.000379888	3.04568	3.04568	0.370184	1.19788	1.19788
cg00604193	DGCR2;DGCR11	0.00297973	0.649317	0.940494	-1.06327	0.0543773	1.33984	1.33984	0.0758676	1.30313	1.30313	0.27678	1.16369	1.16369	0.000281382	0.45127	-2.21597
cg01641361	DGCR5	0.000943912	0.0684518	1.29396	1.29396	0.00508466	1.59656	1.59656	0.561998	0.928605	-1.07688	0.475797	0.912461	-1.09594	0.00112109	0.545466	-1.8333
cg23023394	DGCR5	0.0187027	0.0215423	0.657046	-1.52196	0.0593864	1.38237	1.38237	0.124951	1.2875	1.2875	0.0712771	0.736006	-1.35868	0.00536018	0.572372	-1.74712
cg04974599	DGCR6	0.00616318	0.00491262	1.74388	1.74388	0.0394004	1.42705	1.42705	0.357128	1.1518	1.1518	0.0452219	1.40894	1.40894	0.00371993	1.79457	1.79457
cg17910613	DGCR6	0.00723953	0.684293	0.957072	-1.04485	0.158598	1.17556	1.17556	0.806775	1.02665	1.02665	0.129264	0.838677	-1.19235	0.775026	0.969713	-1.03123
cg05658793	DGCR6	0.010228	0.626923	0.896326	-1.11567	0.0055737	2.25584	2.25584	0.990943	0.997467	-1.00254	0.654502	1.10589	1.10589	0.82082	1.052	1.052
cg17367605	DGCR6	0.0133244	0.772856	1.04159	1.04159	0.0579119	0.739434	-1.35239	0.00541976	0.597306	-1.67419	0.0284202	0.694741	-1.43938	0.974344	0.995482	-1.00454
cg22300727	DGCR6	0.0166559	0.79563	1.03163	1.03163	0.0785967	1.26415	1.26415	0.0622487	1.28639	1.28639	0.108314	0.810426	-1.23392	0.919711	0.987976	-1.01217
cg07004357	DGCR6	0.01712	0.958695	1.00511	1.00511	0.161986	1.15825	1.15825	0.198963	1.14287	1.14287	0.271046	1.11934	1.11934	0.0120387	1.36084	1.36084
cg04481722	DGCR6	0.0217229	0.547667	1.07501	1.07501	0.126056	0.821368	-1.21748	0.600763	0.939157	-1.06478	0.386526	0.899848	-1.1113	0.909489	1.01361	1.01361
cg06542686	DGCR6	0.0217451	0.986647	1.00308	1.00308	0.0528548	1.49919	1.49919	0.124723	1.35775	1.35775	0.0357025	1.56796	1.56796	0.0204512	1.67193	1.67193
cg15053190	DGCR6	0.0276221	0.0339951	1.57187	1.57187	0.099947	1.39018	1.39018	0.242679	1.25037	1.25037	0.0374168	1.55482	1.55482	0.103687	1.3843	1.3843
cg06729222	DGCR6	0.0345795	0.90075	1.03043	1.03043	0.0318813	1.82981	1.82981	0.0159954	2.03108	2.03108	0.730247	0.920205	-1.08671	0.0308234	0.543748	-1.83909
cg04601143	DGCR6L	0.000129545	0.568575	1.08642	1.08642	0.314765	1.16128	1.16128	0.0590513	1.35882	1.35882	0.7583	0.956576	-1.0454	1.50E-06	0.173311	-5.76997
cg03308985	DGCR6L	0.00978648	0.0310177	0.812815	-1.23029	0.635541	0.961674	-1.03985	0.0158195	0.785072	-1.27377	0.0029349	0.715755	-1.39713	0.0531467	1.19703	1.19703
cg20702295	DGCR6L;DGCR6L	0.0392762	0.565839	0.915785	-1.09196	0.134373	0.78296	-1.2772	0.454413	1.12243	1.12243	0.510769	0.903839	-1.10639	0.0139301	0.631028	-1.58472
cg22877281	DGCR8	0.00150876	0.00588247	0.332134	-3.01083	0.00107337	0.228227	-4.38161	0.688867	1.13098	1.13098	0.035579	0.47324	-2.11309	6.67E-05	0.106995	-9.34623
cg25185057	DGCR8	0.0023622	0.00347682	0.51403	-1.94541	0.00896049	1.74677	1.74677	0.901439	0.979425	-1.02101	0.00342799	0.513175	-1.94865	0.851196	1.03201	1.03201
cg12670310	DGCR8	0.01514	0.167108	0.657987	-1.51979	0.737911	0.90897	-1.10015	0.244268	1.41369	1.41369	0.91404	0.969779	-1.03116	0.00790238	0.379746	-2.63334
cg18306246	DGCR8	0.0305626	0.0548949	0.678797	-1.47319	0.11799	1.35267	1.35267	0.607152	1.09668	1.09668	0.92786	0.984014	-1.01625	0.715752	1.06725	1.06725
cg18251360	DGCR8	0.0323587	0.283166	0.845421	-1.18284	0.106662	1.30378	1.30378	0.44141	1.12548	1.12548	0.477733	1.11483	1.11483	0.00234657	0.527617	-1.89531
cg02821150	DGCR9	0.00145611	0.210887	1.1466	1.1466	0.0391692	1.28104	1.28104	0.00154855	0.62352	-1.6038	0.0172101	0.739922	-1.35149	0.0013125	0.615493	-1.62471
cg21587469	DGKA	0.0486372	0.0111645	0.316744	-3.15713	0.560744	1.23693	1.23693	0.681028	0.861218	-1.16115	0.16962	0.589283	-1.69698	0.0107233	0.313758	-3.18717
cg02002664	DGKA;DGKA;DGKA;DGKA	0.000133992	0.000497115	0.578074	-1.72988	0.0120217	1.37032	1.37032	0.00973137	1.38939	1.38939	0.0277312	0.769758	-1.29911	0.0604101	0.808183	-1.23734
cg15829663	DGKA;DGKA;DGKA;DGKA	0.00789976	0.0182723	0.616185	-1.62289	0.124268	1.3249	1.3249	0.0236029	0.633245	-1.57917	0.0240014	0.634372	-1.57636	0.00683017	0.553059	-1.80813
cg22876908	DGKA;DGKA;DGKA;DGKA	0.0175745	0.0202319	0.269849	-3.70577	0.0850245	2.43725	2.43725	0.623761	1.26021	1.26021	0.460956	1.42068	1.42068	0.0286836	0.298996	-3.34452
cg07679948	DGKA;DGKA;DGKA;DGKA	0.0197041	0.0291156	15.2053	15.2053	0.0036757	63.838	63.838	0.0179511	20.9835	20.9835	0.131016	5.61673	5.61673	0.981288	1.02513	1.02513
cg06915826	DGKA;DGKA;DGKA;DGKA	0.0283289	0.828271	1.09777	1.09777	0.00692161	4.48503	4.48503	0.016813	3.4998	3.4998	0.0639665	2.44485	2.44485	0.169544	0.533482	-1.87448
cg15354065	DGKA;DGKA;DGKA;DGKA	0.0309402	0.130742	0.546198	-1.83084	0.00809371	3.51401	3.51401	0.625782	0.833484	-1.19978	0.264865	0.650086	-1.53826	0.10733	0.521328	-1.91818
cg10925860	DGKA;DGKA;DGKA;DGKA	0.0385008	0.0752202	0.300612	-3.32655	0.142962	0.384731	-2.59922	0.0370746	0.230198	-4.34409	0.318249	0.534783	-1.86992	0.00559465	0.109984	-9.09221
cg10782923	DGKA;DGKA;DGKA;DGKA	0.0388969	0.28351	1.88654	1.88654	0.00262293	10.7305	10.7305	0.011038	6.14728	6.14728	0.20541	2.14051	2.14051	0.280922	1.89352	1.89352
cg23796818	DGKA;DGKA;DGKA;DGKA	0.042022	0.120869	0.765946	-1.30558	0.328195	1.17349	1.17349	0.00856732	1.70166	1.70166	0.0669205	0.722109	-1.38483	0.0356286	0.678634	-1.47355
cg25416125	DGKA;DGKA;DGKA;DGKA	0.0435972	0.0640476	4.22299	4.22299	0.022434	6.63943	6.63943	0.0306841	5.79627	5.79627	0.121346	3.1981	3.1981	0.396698	0.548416	-1.82343
cg11337389	DGKA;DGKA;DGKA;DGKA	0.0487603	0.796469	1.12517	1.12517	0.927818	0.9595	-1.04221	0.528487	1.33827	1.33827	0.308469	0.618187	-1.61763	0.541046	1.32622	1.32622
cg20051772	DGKA;DGKA;DGKA;DGKA;DGKA DGKA;DGKA;DGKA;DGKA;DGKA;DGKA;	0.0013261	0.00986457	0.568458	-1.75915	0.328809	0.839821	-1.19073	0.470464	0.880586	-1.13561	0.286483	1.21132	1.21132	0.000119297	0.311769	-3.20751
cg06762403	DGKA	0.000366576	0.00125649	0.336657	-2.97038	0.0097292	2.09027	2.09027	0.000491864	3.5873	3.5873	0.257699	0.772536	-1.29444	0.000449078	0.273392	-3.65775
cg15549435	DGKB	0.000522138	0.263873	0.802156	-1.24664	0.0611828	0.670769	-1.49083	0.423968	0.856783	-1.16716	0.00188703	0.434388	-2.30209	9.25E-06	0.163053	-6.13297
cg11855409	DGKB;DGKB	0.00992931	0.202709	0.728041	-1.37355	0.0111656	0.472077	-2.1183	0.0851399	0.638105	-1.56714	0.0558707	1.66735	1.66735	0.337592	0.791899	-1.26279
cg20836993	DGKB;DGKB	0.0290541	0.297698	0.898912	-1.11246	0.0184963	1.3258	1.3258	0.127136	0.849708	-1.17688	0.21335	0.878658	-1.1381	0.00770975	0.713239	-1.40205
cg12130725	DGKB;DGKB	0.0335432	0.0922351	0.586073	-1.70627	0.142022	0.634367	-1.57638	0.0184604	0.438672	-2.27961	0.731766	0.90556	-1.10429	0.0226947	0.455478	-2.1955
cg09713269	DGKB;DGKB	0.040292	0.223326	0.681911	-1.46647	0.265874	0.706862	-1.4147	0.0446889	0.501747	-1.99304	0.379045	0.763349	-1.31002	0.00739433	0.35606	-2.80852
cg24631450	DGKD	0.0226125	0.478377	0.931868	-1.07311	0.528731	0.939429	-1.06448	0.501711	0.935424	-1.06903	0.125949	0.850347	-1.17599	0.140277	0.856128	-1.16805
cg14875014	DGKD	0.0363242	0.0511893	0.684583	-1.46074	0.304	1.19923	1.19923	0.280014	0.825594	-1.21125	0.0589683	0.694927	-1.439	0.487861	0.886673	-1.12781
cg01127312	DGKD	0.0378746	0.0570503	1.41108	1.41108	0.362269	0.860912	-1.16156	0.852692	0.970709	-1.03017	0.877949	0.975722	-1.02488	0.276622	1.19839	1.19839
cg24337644	DGKD	0.040842	0.00500104	0.5283	-1.89287	0.516425	0.893134	-1.11965	0.201899	1.26047	1.26047	0.0244778	0.631028	-1.58472	0.169581	0.777749	-1.28576
cg18400889	DGKD;DGKD	0.00047965	0.0128977	0.662466	-1.50951	0.000239178	2.25071	2.25071	0.00793212	1.57478	1.57478	0.0280218	0.707373	-1.41368	0.00183008	1.80507	1.80507
cg10224592	DGKD;DGKD	0.00559951	0.0232097	2.62206	2.62206	0.000973888	5.71512	5.71512	0.0896684	1.94381	1.94381	0.00366496	4.03805	4.03805	0.817324	1.08567	1.08567
cg02068318	DGKD;DGKD	0.00653536	0.559249	0.752641	-1.32865	0.00197274	0.121961	-8.19932	0.027459	0.285061	-3.50802	0.0117563	0.219949	-4.54651	0.00553545	0.173043	-5.77892
cg27060346	DGKD;DGKD	0.0118949	0.137023	1.65447	1.65447	0.944021	1.02232	1.02232	0.292608	0.709489	-1.40947	0.603241	0.848041	-1.17919	0.00127208	0.228184	-4.38243
cg15124343	DGKD;DGKD	0.0189737	0.0447212	0.485316	-2.06051	0.341821	0.735437	-1.35974	0.107418	0.57622	-1.73545	0.00580174	0.321833	-3.10721	0.00325508	0.283996	-3.52118
cg09355175	DGKD;DGKD	0.0275326	0.0305278	3.41239	3.41239	0.00150133	9.1088	9.1088	0.0664683	2.7015	2.7015	0.127419	2.21655	2.21655	0.266732	1.74848	1.74848
cg07364632	DGKD;DGKD	0.0284123	0.198711	0.796292	-1.25582	0.575669	1.09949	1.09949	0.685022	1.07079	1.07079	0.100043	0.739161	-1.35289	0.425217	0.872342	-1.14634
cg00223703	DGKD;DGKD	0.029975	0.609898	0.832251	-1.20156	0.0712004	2.05263	2.05263	0.150876	1.7321	1.7321	0.846394	1.07166	1.07166	0.0035662	0.244425	-4.09124
cg22465516	DGKE	8.79E-05	0.0793917	0.487745	-2.05025	0.00541834	0.25939	-3.85519	4.54E-05	17.1782	17.1782	0.000115993	12.0737	12.0737	0.0204887	0.357202	-2.79954
cg24448269	DGKE	0.000131494	0.740025	0.906344	-1.10333	0.366606	0.760407	-1.31509	1.25E-05	15.1486	15.1486	1.35E-05	14.7266	14.7266	0.618619	1.15974	1.15974
cg01344452	DGKE	0.000223512	0.107699	0.465409	-2.14865	0.0155149	0.274329	-3.64526	2.47E-05	38.6352	38.6352	0.000335041	12.4332	12.4332	0.0387199	0.352397	-2.83771
cg00822353	DGKE	0.0041013	0.641552	1.07703	1.07703	0.742582	0.949174	-1.05355	0.38734	0.869149	-1.15055	0.506591	1.11255	1.11255	0.892262	0.97878	-1.02168
cg23642587	DGKE;DGKE	0.00527175	0.667365	0.930309	-1.07491	0.889334	1.02353	1.02353	0.00140288	2.16619	2.16619	0.0174394	1.62184	1.62184	0.0161977	0.611762	-1.63462
cg19209799	DGKG;DGKG;DGKG	0.000464044	0.295882	0.814873	-1.22718	0.015197	1.75627	1.75627	0.0193806	0.586263	-1.70572	0.942964	0.986577	-1.01361	2.00E-05	0.195767	-5.1081
cg06849123	DGKG;DGKG;DGKG	0.000890333	0.038211	0.734099	-1.36221	0.000548281	0.501174	-1.99532	0.00472652	1.62087	1.62087	0.984485	1.00251	1.00251	0.00128548	0.546689	-1.82919
cg24695608	DGKG;DGKG;DGKG	0.0019845	0.238958	1.24226	1.24226	0.176786	1.2873	1.2873	0.102834	1.36878	1.36878	0.115509	0.740108	-1.35115	0.000592497	0.393361	-2.54219
cg12121643	DGKG;DGKG;DGKG	0.0087546	0.0511402	3.33152	3.33152	0.0260293	4.18404	4.18404	0.173211	2.19294	2.19294	0.212991	2.03528	2.03528	0.022809	4.37629	4.37629
cg17293936	DGKG;DGKG;DGKG	0.00890316	0.029836	7.97298	7.97298	0.0166695	10.7387	10.7387	0.0372209	7.1288	7.1288	0.112025	4.07723	4.07723	0.0238431	8.93604	8.93604
cg24155429	DGKG;DGKG;DGKG	0.0163836	0.0632098	2.93396	2.93396	0.0265693	3.8736	3.8736	0.0210715	4.1755	4.1755	0.100779	2.52427	2.52427	0.258159	1.83643	1.83643
cg25641269	DGKG;DGKG;DGKG	0.0180993	0.237707	0.756644	-1.32163	0.579596	1.13446	1.13446	0.0959493	1.51018	1.51018	0.0941895	1.51415	1.51415	0.0710616	0.634683	-1.57559
cg04391718	DGKG;DGKG;DGKG	0.0181157	0.160631	1.75891	1.75891	0.0138682	3.14446	3.14446	0.0246898	2.73963	2.73963	0.320703	1.47197	1.47197	0.0715889	2.13415	2.13415
cg25808906	DGKG;DGKG;DGKG	0.0214222	0.0181094	1.29528	1.29528	0.846285	1.01765	1.01765	0.0544944	1.21732	1.21732	0.124607	1.16169	1.16169	0.0492688	1.22421	1.22421
cg17802213	DGKG;DGKG;DGKG	0.0250526	0.0644537	3.77474	3.77474	0.0312053	5.03636	5.03636	0.0214203	5.85618	5.85618	0.336078	1.88565	1.88565	0.0401682	4.5548	4.5548
cg10730421	DGKG;DGKG;DGKG	0.038698	0.268674	1.42259	1.42259	0.484538	0.804657	-1.24277	0.554221	1.20087	1.20087	0.722853	1.11511	1.11511	0.307005	0.72357	-1.38204
cg15055817	DGKG;DGKG;DGKG	0.0410835	0.219993	1.46251	1.46251	0.00379188	0.316271	-3.16184	0.0335851	2.07866	2.07866	0.79005	0.924357	-1.08183	0.0751229	1.7935	1.7935
cg13373719	DGKH;DGKH	0.00109649	0.0433881	0.532713	-1.87718	0.143046	0.65267	-1.53217	0.0357987	0.51573	-1.939	0.113755	0.627213	-1.59435	6.72E-05	0.138176	-7.23716
cg22538338	DGKH;DGKH	0.0130128	0.212328	1.27753	1.27753	0.00297282	0.467645	-2.13837	0.522214	0.886095	-1.12855	0.866787	0.969183	-1.0318	0.131373	1.35484	1.35484
cg00674995	DGKH;DGKH	0.0152242	0.00559932	0.122981	-8.13132	0.111792	0.368719	-2.71209	0.0381662	0.250496	-3.99209	0.141664	0.402358	-2.48535	0.00367441	0.104081	-9.60787
cg14812492	DGKH;DGKH	0.0336786	0.00555491	0.445187	-2.24625	0.38415	0.820187	-1.21923	0.0139496	1.9632	1.9632	0.253299	1.30347	1.30347	0.141952	0.704166	-1.42012
cg00053507	DGKH;DGKH	0.0447644	0.345182	1.25277	1.25277	0.121873	1.47501	1.47501	0.0861324	1.55197	1.55197	0.263666	1.31007	1.31007	0.166185	1.40807	1.40807
cg08622729	DGKI	0.000579949	0.277761	0.757357	-1.32038	0.143126	1.47325	1.47325	0.802532	0.940167	-1.06364	0.0807871	0.62077	-1.6109	5.24E-05	0.155467	-6.43221
cg21415527	DGKI	0.00238074	0.203396	0.764383	-1.30824	0.00522466	2.09051	2.09051	0.0273615	1.68607	1.68607	0.312717	0.811407	-1.23243	0.547788	1.12945	1.12945
cg23299133	DGKI	0.00372785	0.454605	1.10729	1.10729	0.000286018	0.452686	-2.20904	0.0294075	0.709453	-1.40954	0.226214	1.18535	1.18535	0.838344	0.973036	-1.02771
cg11019771	DGKI	0.00560322	0.419393	1.20907	1.20907	0.575424	1.13907	1.13907	0.777024	0.936754	-1.06752	0.0834478	1.55413	1.55413	0.011912	2.05895	2.05895
cg22087209	DGKI	0.00699907	0.176611	0.819016	-1.22098	0.853393	1.02604	1.02604	0.505068	1.09856	1.09856	0.476816	0.904346	-1.10577	0.00014799	0.40386	-2.47611
cg01795964	DGKI	0.00754407	0.187539	0.60893	-1.64223	0.148559	0.576771	-1.73379	0.56805	1.22746	1.22746	0.743686	1.12359	1.12359	0.00643938	0.284092	-3.51999
cg17582698	DGKI	0.00939801	0.0316209	0.271314	-3.68577	0.0168124	0.220856	-4.52783	0.0431757	0.299941	-3.33399	0.305182	1.73264	1.73264	0.0903876	0.380625	-2.62725
cg13793093	DGKI	0.0161777	0.180669	0.762141	-1.31209	0.070366	0.67943	-1.47182	0.673333	0.92217	-1.0844	0.0919185	0.701488	-1.42554	0.00689475	0.512544	-1.95105
cg15463989	DGKI	0.0165556	0.0040531	0.242506	-4.12361	0.0240688	0.372391	-2.68535	0.231958	0.631135	-1.58445	0.177304	0.590727	-1.69283	0.00209029	0.204	-4.90197
cg01720013	DGKI	0.0191426	0.0535543	0.243989	-4.09855	0.029885	0.193198	-5.17605	0.376032	0.557373	-1.79413	0.764471	0.824208	-1.21329	0.0123078	0.134562	-7.43154
cg14278666	DGKI	0.0192216	0.0868479	0.580756	-1.72189	0.972526	1.00995	1.00995	0.422404	0.790183	-1.26553	0.09277	0.587712	-1.70151	0.0329672	0.488371	-2.04762
cg04890230	DGKI	0.0302056	0.011399	0.27054	-3.69631	0.00426575	0.206301	-4.84728	0.0535005	0.404422	-2.47267	0.921397	0.960076	-1.04158	0.172335	0.549013	-1.82145
cg02920600	DGKI	0.0494032	0.0999924	0.61285	-1.63172	0.0158783	2.23099	2.23099	0.699807	0.900097	-1.11099	0.0688076	0.575076	-1.7389	0.0623805	0.565618	-1.76798
cg21744850	DGKK	0.00190781	0.0925288	1.6655	1.6655	0.144599	0.649343	-1.54002	0.86453	0.954036	-1.04818	0.915215	0.971081	-1.02978	0.0676464	0.568865	-1.75789
cg01970554	DGKK	0.0167108	0.0942324	0.405179	-2.46805	0.416677	0.665237	-1.50322	0.710703	1.20076	1.20076	0.0212563	3.89491	3.89491	0.0182832	4.08146	4.08146
cg26088599	DGKQ	1.96E-05	0.000827172	0.454845	-2.19855	0.989945	1.00197	1.00197	0.00300824	0.52917	-1.88975	0.0868448	1.34428	1.34428	3.93E-07	0.103468	-9.66478
cg04771133	DGKQ	0.000446877	0.111077	0.663751	-1.50659	1.64E-05	0.123276	-8.11186	0.0184456	0.509194	-1.96389	0.562807	0.870979	-1.14813	0.00099958	0.315453	-3.17004
cg23634348	DGKQ	0.000855811	0.00337445	0.299698	-3.33669	0.68177	0.882842	-1.13271	0.630637	1.15769	1.15769	0.0520042	1.9506	1.9506	0.00182177	0.262053	-3.81602
cg02956372	DGKQ	0.00105523	0.0409127	0.655951	-1.5245	0.127058	0.9393	-1.06462	0.0893819	1.39753	1.39753	0.408291	0.859725	-1.16316	0.00014624	0.311066	-3.21476
cg00846425	DGKQ	0.00129288	0.00424165	0.541987	-1.84506	0.891053	0.978308	-1.02217	6.01E-05	0.305234	-3.27617	0.337573	0.853672	-1.17141	0.00523558	0.55465	-1.80294
cg16585580	DGKQ	0.00179525	0.439518	1.21939	1.21939	0.0110876	0.448748	-2.22842	0.555681	0.86075	-1.16178	0.303273	1.3077	1.3077	0.178518	1.43277	1.43277
cg22531663	DGKQ	0.00203495	0.811029	0.905263	-1.10465	0.0530856	0.401212	-2.49245	0.672089	1.19352	1.19352	0.942006	1.03069	1.03069	0.00057446	0.109193	-9.15806
cg00788025	DGKQ	0.00237889	0.0940897	0.828286	-1.20731	0.171311	0.861508	-1.16076	0.000558343	0.578168	-1.7296	0.912119	0.988764	-1.01136	0.715926	1.03811	1.03811
cg05178683	DGKQ	0.00286804	0.00181438	0.366682	-2.72716	0.0260665	0.55019	-1.81755	0.00821753	0.465325	-2.14903	0.738002	1.07892	1.07892	0.00077348	0.316187	-3.16269
cg05145275	DGKQ	0.0259202	0.0017926	0.179972	-5.55641	0.256965	0.633386	-1.57881	0.246883	0.626649	-1.59579	0.552177	1.26131	1.26131	0.0527853	0.427533	-2.339
cg20456258	DGKQ	0.0311297	0.0300687	6.39999	6.39999	0.422189	0.550726	-1.81578	0.34071	2.04289	2.04289	0.600372	1.46901	1.46901	0.136075	0.310797	-3.21754
cg14503180	DGKZ	7.81E-06	5.79E-07	0.280105	-3.57008	2.06E-06	0.340047	-2.94077	0.00550027	0.714094	-1.40038	5.15E-05	0.496991	-2.01211	0.0304166	0.790779	-1.26458
cg24407308	DGKZ	0.00118755	0.163282	0.797066	-1.2546	0.0258928	1.49656	1.49656	0.00199939	1.94449	1.94449	0.926935	1.01408	1.01408	0.487109	0.897964	-1.11363
cg05214390	DGKZ	0.00506637	0.521052	1.13531	1.13531	0.722164	0.932713	-1.07214	0.00292542	0.450427	-2.22012	0.922342	1.01921	1.01921	0.12594	1.38135	1.38135
cg21029403	DGKZ	0.0182814	0.00937675	1.30708	1.30708	0.0193489	0.794603	-1.25849	0.492504	0.944912	-1.0583	0.753111	0.974676	-1.02598	0.285402	1.09439	1.09439
cg12087471	DGKZ;DGKZ;DGKZ	0.0161553	0.351526	1.30319	1.30319	0.0409604	1.91847	1.91847	0.0094262	2.48164	2.48164	0.0521943	1.84035	1.84035	0.0484093	1.86426	1.86426

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09333471	0.305848	0.81882	-1.22127	0.0385757	0.636503	-1.57109	0.0111557	0.548962	-1.82162	0.274065	0.806883	-1.23934	4.32429	2.43443	0.500415	1
cg19706795	0.0185657	3.03766	3.03766	0.0751286	2.16278	2.16278	0.120529	1.92602	1.92602	0.165421	1.77869	1.77869	4.15704	9.97537	2.133	1
cg04770504	0.0847981	0.860189	-1.16253	4.70E-05	0.545305	-1.83384	0.00359525	0.732339	-1.36549	0.00415113	0.738149	-1.35474	13.0463	1.29	0.087892	1
cg24805239	0.102246	0.721256	-1.38647	0.0161288	0.58397	-1.71242	0.35046	0.838953	-1.19196	0.818336	1.04293	1.04293	4.32257	2.28564	0.470016	1
cg23916845	0.0477012	0.702442	-1.42361	0.000317888	0.402748	-2.48294	0.0490893	0.704396	-1.41966	0.604078	0.921641	-1.08502	8.98801	3.46352	0.342532	1
cg01455880	0.12883	0.851643	-1.1742	0.941893	1.00707	1.00707	0.57845	1.05585	1.05585	0.795435	1.02544	1.02544	4.21692	0.610987	0.112692	1
cg14576347	0.308205	0.881679	-1.1342	0.00191272	1.69004	1.69004	0.943204	0.991529	-1.00854	0.523837	1.08018	1.08018	20.0201	4.51994	0.200684	1
cg14319286	0.563219	1.206	1.206	0.45972	0.785642	-1.27285	0.620437	1.17351	1.17351	0.0503486	0.489212	-2.0441	8.84209	14.385	1.44611	1
cg13636371	0.912211	1.03042	1.03042	0.00345392	0.339943	-2.94167	0.00875112	2.47817	2.47817	0.913211	1.03007	1.03007	6.78431	7.93446	1.03958	1
cg13826055	0.477719	1.12716	1.12716	0.00409778	1.89392	1.89392	0.0359656	1.49865	1.49865	0.10486	1.34164	1.34164	5.9729	2.60109	0.387095	1
cg00305629	0.564988	1.21541	1.21541	0.0202402	0.391053	-2.5572	0.103799	1.81578	1.81578	0.960029	0.983334	-1.01695	3.39077	6.03927	1.58319	1
cg13438334	0.476694	0.87776	-1.13926	0.752905	0.944683	-1.05856	0.0261083	0.621488	-1.60904	0.225704	0.795132	-1.25765	10.094	4.61375	0.457079	1
cg02397782	0.512171	1.28903	1.28903	3.09E-05	0.0447829	-22.33	0.28571	0.654777	-1.52724	0.361307	0.698799	-1.43103	8.34744	19.2836	2.05344	1
cg22173131	0.562613	1.31448	1.31448	0.000193341	18.7494	18.7494	0.156444	0.492568	-2.03018	0.827489	1.10733	1.10733	7.00009	24.1922	3.07198	1
cg24689245	0.0184341	0.70755	-1.41333	0.0144266	0.694301	-1.4403	0.562896	0.931668	-1.07334	0.0804361	1.26445	1.26445	6.93517	1.60826	0.206132	1
cg04084597	0.211035	0.885897	-1.1288	0.836188	0.981144	-1.01922	0.00265496	1.4655	1.4655	0.0017421	1.50746	1.50746	6.33776	0.848451	0.118998	1
cg04374654	0.0703991	1.59163	1.59163	0.0434159	0.586372	-1.7054	0.0983646	0.659287	-1.51679	0.850357	1.04436	1.04436	5.25637	4.39682	0.743533	1
cg23768534	0.952438	1.01016	1.01016	0.00257624	2.03019	2.03019	0.604892	0.915351	-1.09248	0.724072	1.06191	1.06191	4.97555	2.26302	0.404292	1
cg00177875	0.0420571	0.676089	-1.4791	0.671351	0.931167	-1.07392	0.00568119	0.545414	-1.83347	0.625736	1.0856	1.0856	4.40676	1.94881	0.393094	1
cg09789664	0.0126386	0.683755	-1.46251	8.05E-05	0.417843	-2.39324	0.857256	0.978164	-1.02232	0.778579	0.966026	-1.03517	7.28131	1.73397	0.211679	1
cg26185531	0.0111879	0.71206	-1.40438	0.0132636	0.720473	-1.38798	0.375264	1.10209	1.10209	0.915952	1.01134	1.01134	3.45438	0.624275	0.16064	1
cg26964112	0.131799	1.34608	1.34608	0.00572963	1.93816	1.93816	0.0182878	1.6875	1.6875	0.944203	1.01287	1.01287	16.8344	8.89923	0.469897	1
cg09510036	0.0299985	0.413493	-2.41842	0.000378344	0.140167	-7.13434	0.00852008	0.31305	-3.19437	0.0164024	0.362515	-2.75851	8.54973	16.2046	1.68474	1
cg05129588	0.969734	1.01652	1.01652	0.264444	1.65274	1.65274	0.76586	0.878972	-1.13769	0.0225289	0.307206	-3.25514	5.27451	15.5872	2.62683	1
cg27055580	0.196663	0.512029	-1.95301	0.00446852	0.155792	-6.4188	0.0057943	0.169931	-5.88475	0.00980047	0.201663	-4.95876	4.39083	16.7206	3.38496	1
cg27064949	0.0108833	0.246523	-4.05641	0.961368	0.979008	-1.02144	0.735811	1.15989	1.15989	0.817317	0.903619	-1.10666	4.10042	12.4587	2.7008	1
cg20096409	0.025988	1.67559	1.67559	0.0334935	1.62452	1.62452	0.963819	0.991179	-1.0089	0.055813	0.65493	-1.52688	8.95302	5.40987	0.537112	1
cg07816271	0.0344052	0.301843	-3.31298	0.00364355	0.148161	-6.74942	0.147267	0.470014	-2.1276	0.126442	0.448144	-2.23142	5.55923	20.7513	3.31801	1
cg22664428	0.0815821	0.659382	-1.51657	0.0321419	1.71856	1.71856	0.876908	1.03401	1.03401	0.619287	0.897568	-1.11412	3.6901	2.72043	0.655311	1
cg09343544	0.00833274	0.712962	-1.4026	0.000249547	0.545297	-1.83386	0.391862	0.915743	-1.09201	0.18209	0.867531	-1.1527	8.54927	1.36315	0.141731	1
cg16640061	0.0324534	1.20681	1.20681	0.329021	0.927154	-1.07857	0.0100137	0.783405	-1.27648	0.188311	1.11033	1.11033	6.96039	0.621404	0.0793575	1
cg18655348	0.537391	0.894796	-1.11757	0.367342	1.17919	1.17919	0.486893	1.13398	1.13398	0.0588082	0.683937	-1.46212	6.96029	3.49248	0.44602	1
cg05080328	0.331311	0.644244	-1.55221	0.477954	0.728719	-1.37227	0.471435	0.725182	-1.37897	0.722586	0.855252	-1.16925	3.41927	10.4199	2.70882	1
cg19974128	0.25481	0.890665	-1.12276	5.83E-08	0.164683	-6.07227	0.171051	1.15251	1.15251	0.407963	0.920879	-1.08592	44.9479	6.75123	0.133512	1
cg03645851	0.0049606	2.07479	2.07479	0.107891	0.708792	-1.41085	0.000111815	3.79065	3.79065	0.151082	1.35238	1.35238	18.7249	11.4158	0.541915	1
cg00604193	0.11427	1.25888	1.25888	0.00221427	1.77653	1.77653	0.699616	1.05333	1.05333	0.752083	1.04339	1.04339	8.57539	2.43925	0.252842	1
cg01641361	0.00039379	0.490034	-2.04067	0.000972662	0.537919	-1.85902	0.313597	0.876628	-1.14073	0.157086	0.825986	-1.21067	11.9605	3.0235	0.224702	1
cg23023394	0.0278608	0.673386	-1.48503	0.909057	0.982764	-1.01754	0.772079	1.04518	1.04518	0.884056	1.02245	1.02245	4.81263	1.76446	0.325894	1
cg04974599	0.251462	1.19577	1.19577	0.00306282	0.545991	-1.83153	0.482194	1.11248	1.11248	0.812281	1.03614	1.03614	6.88187	2.4271	0.313494	1
cg17910613	0.7653	0.968378	-1.03265	0.000302857	0.532429	-1.87819	0.198009	1.15722	1.15722	0.0170582	1.36634	1.36634	6.54601	1.19427	0.162171	1
cg05658793	0.00286444	2.50121	2.50121	0.0672056	1.58146	1.58146	0.0179348	1.90165	1.90165	0.0024515	2.56432	2.56432	5.86812	4.64035	0.702909	1
cg17367605	0.0964167	0.773347	-1.29308	0.00438544	1.70868	1.70868	0.518607	0.911973	-1.09652	0.641147	1.06833	1.06833	5.38656	1.69149	0.279129	1
cg22300727	0.0867825	0.796957	-1.25477	0.00423394	0.631661	-1.58313	0.776939	0.966494	-1.03467	0.0172805	1.41617	1.41617	5.00356	1.14085	0.202673	1
cg07004357	0.633706	0.953867	-1.04836	0.00131693	0.63136	-1.58388	0.385881	1.0914	1.0914	0.809753	0.97655	-1.02401	4.9578	0.760047	0.13627	1
cg04481722	0.00209108	0.597657	-1.6732	0.491497	0.920289	-1.08661	0.0148019	1.42832	1.42832	0.122921	1.21981	1.21981	4.57378	1.0238	0.198971	1
cg06542686	0.570496	1.11126	1.11126	0.00449077	0.498047	-2.00784	0.202292	1.28109	1.28109	0.609218	1.09952	1.09952	4.57218	2.4518	0.476662	1
cg15053190	0.00166672	2.27463	2.27463	0.0263619	1.61815	1.61815	0.154146	1.32152	1.32152	0.0238062	1.63718	1.63718	4.20786	2.22563	0.470153	1
cg06729222	0.185371	0.713603	-1.40134	0.0377331	0.560457	-1.78426	0.648063	1.11674	1.11674	0.957424	0.987255	-1.01291	3.88407	3.5509	0.812641	1
cg04601143	0.83937	0.971229	-1.02962	0.526554	0.911836	-1.09669	0.00764708	0.610684	-1.63751	0.179697	0.814673	-1.22749	20.6561	6.76829	0.291258	1
cg03308985	0.728608	0.971891	-1.02892	0.469687	0.94157	-1.06206	0.971341	1.00294	1.00294	0.0126826	1.28863	1.28863	5.95153	0.63154	0.0943236	1
cg20702295	0.0348297	0.688792	-1.45182	0.0050043	0.56954	-1.7558	0.416238	0.881671	-1.13421	0.283573	1.18395	1.18395	3.70796	1.34909	0.323411	1
cg22877281	0.945805	1.02101	1.02101	0.0386609	0.480778	-2.07996	0.20672	0.665486	-1.50266	0.01227	0.385232	-2.59584	10.462	15.4955	1.31655	1
cg25185057	0.0297618	0.651039	-1.53601	0.810115	1.04122	1.04122	0.00155473	2.14536	2.14536	0.692161	1.06905	1.06905	9.18382	4.0953	0.396379	1
cg12670310	0.147298	0.642792	-1.55571	0.00299081	0.314335	-3.18132	0.0208693	2.20386	2.20386	0.567271	0.848457	-1.17861	5.1648	6.60678	1.13706	1
cg18306246	0.260119	1.23249	1.23249	0.00243757	0.472026	-2.11853	0.547265	1.11448	1.11448	0.0969113	1.38302	1.38302	4.05993	2.0364	0.445853	1
cg18251360	0.578374	1.08822	1.08822	0.139988	1.27013	1.27013	0.360939	0.86812	-1.15191	0.0913711	0.755808	-1.32309	3.97796	1.42867	0.319241	1
cg02821150	0.537114	0.937205	-1.067	0.75562	1.03293	1.03293	0.918835	1.01063	1.01063	0.000352334	0.55113	-1.81445	10.5695	1.80269	0.151605	1
cg21587469	0.267737	0.658807	-1.5179	0.153703	1.73693	1.73693	0.284212	1.49502	1.49502	0.345632	0.703914	-1.42063	3.42385	7.0855	1.83952	1
cg02002664	0.00787087	0.709703	-1.40904	0.857513	1.01824	1.01824	7.78E-06	0.372959	-2.68126	0.423638	1.08566	1.08566	20.4695	3.27905	0.142393	1
cg15829663	0.136422	0.762446	-1.31157	0.0293016	1.54341	1.54341	0.345266	1.17858	1.17858	0.11854	1.33167	1.33167	6.36936	2.88231	0.402246	1
cg22876908	0.0902947	0.417606	-2.3946	0.00285148	0.146484	-6.82669	0.159314	0.494799	-2.02102	0.102329	0.433291	-2.30792	4.91446	17.0334	3.08087	1
cg07679948	0.136464	5.46321	5.46321	0.0145448	24.1844	24.1844	0.0106065	30.0075	30.0075	0.0299671	14.9183	14.9183	4.72843	83.8896	15.7702	1
cg06915826	0.779041	1.12837	1.12837	0.0143715	3.65366	3.65366	0.0533741	2.56587	2.56587	0.360513	1.49727	1.49727	4.17058	12.1784	2.59562	1
cg15354065	0.896609	1.04936	1.04936	0.0164875	0.337627	-2.96184	0.619865	1.2036	1.2036	0.046077	0.428648	-2.33291	4.04221	8.79277	1.93354	1
cg10925860	0.0385198	0.233543	-4.28186	0.00704411	0.120818	-8.27695	0.0931761	0.326098	-3.06656	0.108393	0.345551	-2.89393	3.73519	21.7771	5.18245	1
cg10782923	0.697807	1.24892	1.24892	0.0687298	3.19174	3.19174	0.0456845	3.6883	3.6883	0.0601551	3.34614	3.34614	3.7212	19.1257	4.56859	1
cg23796818	0.836437	0.967761	-1.03331	0.29656	0.842348	-1.18716	0.161599	0.789035	-1.26737	0.910169	0.982268	-1.01805	3.61662	1.43931	0.353751	1
cg25416125	0.71088	1.29397	1.29397	0.0135653	8.28411	8.28411	0.026399	6.18608	6.18608	0.105513	3.40093	3.40093	3.56748	27.0693	6.74471	1
cg11337389	0.525298	0.745503	-1.34138	0.000825385	0.100424	-9.95781	0.647895	0.810747	-1.23343	0.81611	0.899164	-1.11214	3.42057	11.2786	2.93093	1
cg20051772	0.0693723	0.703379	-1.42171	0.719849	1.06437	1.06437	0.0782973	0.712641	-1.40323	0.000195947	0.338005	-2.95853	10.8571	5.15845	0.422331	1
cg06762403	0.0375922	0.585039	-1.70929	0.667308	1.09851	1.09851	0.508201	1.15723	1.15723	0.000707738	3.32585	3.32585	19.5614	14.2911	0.568224	1
cg15549435	0.0341595	0.626327	-1.59661	0.0168935	0.575998	-1.73612	0.131764	1.36063	1.36063	0.067338	0.678385	-1.47409	14.1197	8.01225	0.504402	1
cg11855409	0.0324489	1.80568	1.80568	0.249506	1.3285	1.3285	0.00364923	2.5295	2.5295	0.381349	0.809037	-1.23604	5.92404	5.22619	0.784177	1
cg20836993	0.935049	1.00808	1.00808	0.515743	0.937016	-1.06722	0.423381	1.08407	1.08407	0.021115	0.760521	-1.31489	4.13351	0.63796	0.13719	1
cg12130725	0.11695	0.612	-1.63399	0.0340282	0.490004	-2.0408	0.485309	1.22682	1.22682	0.0048574	0.340732	-2.93486	3.92693	5.16968	1.17019	1
cg09713269	0.0558033	0.522887	-1.91246	0.944413	1.02108	1.02108	0.816179	0.932694	-1.07216	0.00380268	0.310991	-3.21553	3.67328	5.20901	1.26052	1
cg24631450	0.0508721	0.804309	-1.2433	0.000648053	0.599193	-1.66891	0.0132391	0.740375	-1.35067	0.108445	0.842452	-1.18701	4.51118	0.684843	0.134942	1
cg14875014	0.732381	0.943103	-1.06033	0.00160182	0.461847	-2.16522	0.0932937	0.729751	-1.37033	0.787474	1.0472	1.0472	3.81538	1.75994	0.410021	1
cg01127312	0.15628	1.27449	1.27449	0.00293119	1.92236	1.92236	0.471662	1.12423	1.12423	0.0629121	0.715602	-1.39742	3.75767	1.52224	0.360089	1
cg24337644	0.0403599	0.665777	-1.502	0.818806	1.04021	1.04021	0.374836	1.16938	1.16938	0.86387	0.970951	-1.02992	3.65495	1.70823	0.415444	1
cg18400889	0.0665353	1.3158	1.3158	0.00280698	1.73186	1.73186	0.109194	0.792161	-1.26237	0.0266094	0.704326	-1.4198	14.4561	4.0736	0.250481	1
cg10224592	0.0936506	1.92504	1.92504	0.0210297	2.68056	2.68056	0.00168632	4.92554	4.92554	0.0139201	2.94247	2.94247	7.0884	14.1672	1.77658	1
cg02068318	0.00541768	0.171832	-5.81963	0.00388961	0.154006	-6.49326	0.567818	0.757405	-1.3203	0.0133364	0.228732	-4.37194	6.75798	24.7847	3.25997	1
cg27060346	0.0042413	0.30024	-3.33067	0.117476	0.585987	-1.70652	0.572199	1.19651	1.19651	0.0273348	0.440114	-2.27214	5.58942	8.74699	1.39104	1
cg15124343	0.693229	1.13246	1.13246	0.232036	0.674867	-1.48177	0.861066	0.946522	-1.0565	0.00620082	0.326393	-3.0638	4.7893	7.46613	1.3857	1
cg09355175	0.231107	1.83411	1.83411	0.0370901	3.21826	3.21826	0.0171483	4.06607	4.06607	0.0740925	2.61463	2.61463	4.21267	15.5566	3.2825	1
cg07364632	0.456473	0.88056	-1.13564	0.00102505	2.26206	2.26206	0.291469	0.83228	-1.20152	0.982963	0.996425	-1.00359	4.16626	1.85608	0.396004	1
cg00223703	0.0525498	0.455422	-2.19577	0.136426	1.77279	1.77279	0.505681	1.2725	1.2725	0.321254	0.693727	-1.44149	4.08804	8.24418	1.79258	1
cg22465516	0.116395	1.87584	1.87584	0.00259233	0.21459	-4.66005	0.000559208	7.19411	7.19411	0.579343	1.22931	1.22931	22.9162	49.3387	1.91378	1
cg24448269	0.0859582	1.75127	1.75127	0.427518	0.787238	-1.27026	0.0188428	2.31673	2.31673	0.726757	0.901586	-1.10916	20.5733	28.4142	1.22766	1
cg01344452	0.299706	1.59722	1.59722	0.0181185	0.286388	-3.49177	0.0167925	3.56601	3.56601	0.987125	0.992994	-1.00706	17.8251	53.5912	2.67244	1
cg00822353	0.392062	1.14887	1.14887	7.16E-05	0.318184	-3.14283	0.867681	0.973954	-1.02674	0.011435	0.605971	-1.65024	7.79348	3.09201	0.352661	1
cg23642587	0.070257	0.713123	-1.40228	0.202585	0.798705	-1.25203	0.0107198	1.70882	1.70882	0.206561	1.2493	1.2493	7.2208	3.1925	0.393	1
cg19209799	0.00405491	0.482486	-2.0726	0.31672	1.21591	1.21591	0.858001	1.0344	1.0344	0.00258318	0.454362	-2.20089	14.5892	8.24247	0.502198	1
cg06849123	0.148463	1.22073	1.22073	0.0381386	1.36242	1.36242	0.0316335	0.723072	-1.38299	0.00477692	0.617529	-1.61936	12.1597	3.18912	0.233128	1
cg24695608	0.117205	0.741317	-1.34895	0.00767522	1.82699	1.82699	0.185406	0.78113	-1.2802	0.00133663	0.440342	-2.27096	9.66378	4.73537	0.435566	1
cg12121643	0.00763552	6.41295	6.41295	0.000894666	14.8016	14.8016	0.00220725	10.2227	10.2227	0.124113	2.46513	2.46513	6.16618	28.6701	4.13295	1
cg17293936	0.0141864	11.6761	11.6761	0.000880812	57.3529	57.3529	0.00422327	22.4444	22.4444	0.0314532	7.7625	7.7625	6.13338	64.0736	9.28595	1
cg24155429	0.0256638	3.91719	3.91719	0.00108929	11.9762	11.9762	0.00937793	5.45753	5.45753	0.14162	2.25729	2.25729	5.03115	21.146	3.73601	1
cg25641269	0.0265967	0.552933	-1.80854	0.00521876	2.2954	2.2954	0.0531583	1.64105	1.64105	0.544523	1.1483	1.1483	4.86611	3.91745	0.715597	1
cg04391718	0.0514332	2.30609	2.30609	0.00102054	6.26603	6.26603	0.0170886	2.99031	2.99031	0.108509	1.93413	1.93413	4.86463	10.9385	1.99873	1
cg25808906	0.89394	1.0121	1.0121	0.00513428	0.71662	-1.39544	0.514449	0.942149	-1.0614	0.154027	1.14747	1.14747	4.59566	0.591404	0.114389	1
cg17802213	0.0275565	5.29285	5.29285	0.00806354	8.75888	8.75888	0.00415902	11.6612	11.6612	0.206341	2.34513	2.34513	4.35405	28.1976	5.7566	1
cg10730421	0.120397	1.67434	1.67434	?	?	?	0.00315233	0.290974	-3.43673	0.0726362	0.541842	-1.84556	3.78728	4.99112	1.31786	1
cg15055817	0.387997	1.29797	1.29797	0.98023	1.00733	1.00733	0.776863	0.919657	-1.08736	0.653919	1.14227	1.14227	3.64699	5.0186	1.22319	1
cg13373719	0.0866065	0.598629	-1.67048	0.000186768	0.180931	-5.52697	0.442707	0.808822	-1.23637	0.00205173	0.308047	-3.24626	11.4627	13.3413	1.03457	1
cg22538338	0.736615	1.06496	1.06496	0.010512	1.82265	1.82265	0.889066	0.974314	-1.02636	0.0129724	0.562761	-1.77695	5.4284	2.98873	0.489398	1
cg00674995	0.0485278	0.27298	-3.66328	0.0031213	0.0974298	-10.2638	0.341131	0.568281	-1.75969	0.0286082	0.225866	-4.4274	5.15533	27.1005	4.67271	1
cg14812492	0.368974	0.814673	-1.22749	0.270143	0.774865	-1.29055	0.546597	0.873256	-1.14514	0.173305	0.724802	-1.37969	3.92124	3.06454	0.694688	1
cg00053507	0.0549668	1.65603	1.65603	0.0112149	2.08863	2.08863	0.0268869	1.83598	1.83598	0.00463033	2.39452	2.39452	3.53246	3.0057	0.756337	1
cg08622729	0.0450984	0.567726	-1.76141	9.32E-05	0.179737	-5.56368	0.139183	1.47981	1.47981	0.17098	0.698409	-1.43182	13.7132	13.1679	0.853545	1
cg21415527	0.0013818	0.395281	-2.52985	0.00083665	0.365704	-2.73445	0.572865	1.12078	1.12078	0.846005	1.03968	1.03968	9.16276	5.81221	0.563849	1
cg23299133	0.117324	1.25561	1.25561	0.0131981	1.5085	1.5085	0.756439	0.959223	-1.04251	0.0366765	0.722643	-1.38381	8.02072	2.27457	0.252077	1
cg11019771	0.013114	2.02977	2.02977	0.00463857	2.37879	2.37879	0.000263572	3.97315	3.97315	0.916279	1.02449	1.02449	7.08696	5.94333	0.745448	1
cg22087209	0.125627	0.794242	-1.25906	0.102655	0.780199	-1.28172	0.776257	0.961171	-1.0404	0.00915582	0.631257	-1.58414	6.61539	2.02401	0.27196	1
cg01795964	0.0039309	0.252058	-3.96734	0.00226642	0.21939	-4.5581	0.0454281	2.25903	2.25903	0.121033	0.550406	-1.81684	6.46214	12.9093	1.77572	1
cg17582698	0.305879	0.577643	-1.73117	0.000617042	0.0653038	-15.313	0.750679	1.17941	1.17941	0.0139353	0.207561	-4.81786	6.02888	25.587	3.7725	1
cg13793093	0.0117463	0.548012	-1.82478	0.9947	0.998732	-1.00127	0.185059	1.30811	1.30811	0.0181036	1.73067	1.73067	5.05238	2.92189	0.514062	1
cg15463989	0.0107281	0.308165	-3.24501	0.130134	0.548707	-1.82247	0.0716104	0.477816	-2.09286	0.0440238	0.427606	-2.3386	5.01365	10.702	1.8974	1
cg01720013	0.171234	0.391674	-2.55314	0.00186135	0.0583801	-17.1291	0.209133	2.34386	2.34386	0.0508973	0.239078	-4.18273	4.77497	31.3072	5.82803	1
cg14278666	0.200758	0.678194	-1.4745	0.000413787	0.199826	-5.00436	0.312595	0.740698	-1.35008	0.0645111	0.550582	-1.81626	4.76833	6.23636	1.16255	1
cg04890230	0.380106	0.689586	-1.45015	0.0236515	0.327828	-3.05038	0.287957	1.57683	1.57683	0.174578	0.550945	-1.81506	4.07693	11.0031	2.39899	1
cg02920600	0.795938	0.932019	-1.07294	0.373536	1.28166	1.28166	0.164214	1.49662	1.49662	0.136775	0.646981	-1.54564	3.40362	3.97817	1.03894	1
cg21744850	0.0464972	0.533492	-1.87444	0.0161937	0.444636	-2.24903	0.000152788	5.9852	5.9852	0.016815	2.23422	2.23422	9.77526	11.7555	1.06896	1
cg01970554	0.53571	0.734939	-1.36066	0.936702	1.03977	1.03977	0.00155037	9.34481	9.34481	0.615712	1.28212	1.28212	4.99806	19.0875	3.39466	1
cg26088599	0.0469674	1.42726	1.42726	0.000299909	0.398469	-2.5096	0.740014	0.949234	-1.05348	0.953707	1.00912	1.00912	34.0687	13.207	0.344585	1
cg04771133	0.00191736	0.354413	-2.82157	0.0782541	1.58708	1.58708	0.267623	0.761356	-1.31345	0.0098407	0.462858	-2.16049	14.7421	13.0158	0.784797	1
cg23634348	0.0136011	0.397441	-2.5161	0.000113972	0.129109	-7.74538	0.187525	1.52524	1.52524	0.0655151	1.86778	1.86778	12.2962	17.7889	1.28595	1
cg02956372	0.000160808	0.316066	-3.1639	0.0760834	0.702764	-1.42295	0.133126	0.748604	-1.33582	0.00430786	0.505564	-1.97799	11.5884	5.861	0.44957	1
cg00846425	0.0110711	0.600598	-1.66501	0.061187	1.40158	1.40158	0.617085	1.08401	1.08401	0.128608	0.768871	-1.30061	10.9362	4.43555	0.360518	1
cg16585580	0.51908	1.17874	1.17874	3.65E-05	0.135391	-7.38602	0.495395	0.84016	-1.19025	0.439374	1.21947	1.21947	9.9494	9.97409	0.891094	1
cg22531663	0.570293	0.787918	-1.26917	6.99E-05	0.0489585	-20.4254	0.374738	0.684842	-1.46019	0.95077	0.974671	-1.02599	9.59334	26.2331	2.43068	1
cg00788025	0.862507	0.982415	-1.0179	0.000316338	1.81696	1.81696	0.275252	0.89032	-1.12319	0.24078	0.881888	-1.13393	9.16485	1.52048	0.14747	1
cg05178683	0.0076887	0.460712	-2.17055	0.00269296	0.391297	-2.5556	0.0219218	0.536814	-1.86284	0.00686025	0.452868	-2.20815	8.6731	7.03228	0.720725	1
cg05145275	0.0378992	0.394888	-2.53236	0.0509542	0.423931	-2.35888	0.0229485	0.349885	-2.85808	0.0557426	0.433157	-2.30863	4.30269	10.1529	2.09747	1
cg20456258	0.7756	0.812256	-1.23114	0.0144191	8.97094	8.97094	0.00707683	12.5806	12.5806	0.0823911	4.05478	4.05478	4.03342	33.8157	7.45234	1
cg14503180	6.91E-05	0.511262	-1.95595	0.00264535	0.681276	-1.46783	0.459458	1.07196	1.07196	0.0816296	0.836893	-1.1949	43.2597	5.83236	0.119842	1
cg24407308	0.000205028	2.58136	2.58136	0.00193551	0.512408	-1.95157	0.129721	1.28341	1.28341	0.529935	1.10185	1.10185	11.2051	4.12354	0.327117	1
cg05214390	0.00681561	1.98163	1.98163	0.00216603	0.431821	-2.31578	0.540106	1.12864	1.12864	0.0408431	0.630916	-1.585	7.3091	4.40652	0.535895	1
cg21029403	0.0169313	1.26718	1.26718	0.146688	0.881062	-1.13499	0.0822822	0.855153	-1.16938	0.213931	1.11224	1.11224	4.84975	0.507563	0.0930291	1
cg12087471	0.0055076	2.73958	2.73958	0.00172819	3.43713	3.43713	0.0589331	1.80241	1.80241	0.357275	1.29887	1.29887	5.05472	6.1071	1.07395	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03044514	DGKZ;DGKZ;DGKZ	0.0457103	0.388108	0.889684	-1.12399	0.00468783	1.64327	1.64327	0.888406	0.981618	-1.01873	0.489066	0.911315	-1.09732	0.787284	1.03639	1.03639
cg27651070	DGKZ;DGKZ;DGKZ;DGKZ	2.04E-05	0.000132561	0.37822	-2.64396	0.000336096	2.33541	2.33541	0.0199948	1.50961	1.50961	0.000794731	2.10295	2.10295	6.89E-05	0.343966	-2.90726
cg12592409	DGKZ;DGKZ;DGKZ;DGKZ	0.000345078	0.00333629	0.496259	-2.01508	0.0104858	1.75938	1.75938	0.45391	1.14316	1.14316	0.00773243	1.82223	1.82223	0.00290696	0.487852	-2.0498
cg24713122	DGKZ;DGKZ;DGKZ;DGKZ	0.0262846	0.041469	0.496781	-2.01296	0.0484406	0.511251	-1.95598	0.0264848	0.45714	-2.18751	0.237756	0.692124	-1.44483	0.0451176	0.504583	-1.98184
cg02154997	DGKZ;DGKZ;DGKZ;DGKZ	0.0295036	0.24873	0.851518	-1.17437	0.655102	1.06177	1.06177	0.0753926	0.768047	-1.302	0.293535	0.864799	-1.15634	0.0375161	0.724877	-1.37954
cg05897087	DGKZ;DGKZ;DGKZ;DGKZ	0.0363749	0.809241	1.06629	1.06629	0.0027193	3.00024	3.00024	0.347574	1.29262	1.29262	0.422732	1.24274	1.24274	0.0310526	0.510802	-1.95771
cg01629435	DGUOK;DGUOK	1.51E-05	0.00152584	0.636093	-1.5721	0.000254865	1.81732	1.81732	0.837166	0.979803	-1.02061	0.0242927	1.30499	1.30499	2.81E-06	0.328538	-3.04379
cg01269456	DGUOK;DGUOK	0.00109528	0.764778	0.970778	-1.0301	1.40E-05	0.408481	-2.4481	0.513918	1.06761	1.06761	0.858277	1.01782	1.01782	0.0838546	1.20813	1.20813
cg08971637	DGUOK;DGUOK	0.0127876	0.0325142	1.93471	1.93471	0.123914	1.55177	1.55177	0.0877348	1.6438	1.6438	0.00474172	0.371894	-2.68894	0.0264078	2.00216	2.00216
cg22544376	DGUOK;DGUOK;DGUOK;DGUOK	0.0257752	0.4995	0.870768	-1.14841	0.306536	1.23826	1.23826	0.0162271	1.81033	1.81033	0.0139035	0.541472	-1.84682	0.251732	0.785275	-1.27344
cg02896696	DHCR24	9.64E-05	0.0409971	1.50974	1.50974	0.591158	0.909631	-1.09935	0.32078	0.835951	-1.19624	0.559152	1.10868	1.10868	0.333894	1.19016	1.19016
cg11948341	DHCR24	0.00653393	0.106335	1.23245	1.23245	0.530241	1.07827	1.07827	0.080102	1.25875	1.25875	0.871952	0.981064	-1.0193	0.040332	1.32406	1.32406
cg01476789	DHCR7;DHCR7	0.00581011	0.144664	0.829716	-1.20523	0.00195537	0.593484	-1.68497	0.0702649	0.785762	-1.27265	0.720067	0.958029	-1.04381	0.881488	0.982382	-1.01793
cg26044621	DHCR7;DHCR7	0.00679797	0.00394752	0.382011	-2.61773	0.052768	0.579024	-1.72704	0.0381282	0.550735	-1.81576	0.247416	1.35005	1.35005	0.000723229	0.279056	-3.58351
cg07099121	DHCR7;DHCR7	0.0101741	0.0184827	1.38186	1.38186	0.983363	1.00236	1.00236	0.00891025	0.686132	-1.45745	0.0296335	1.3362	1.3362	0.632539	0.94693	-1.05604
cg16171723	DHCR7;DHCR7	0.0248713	0.416963	0.739959	-1.35143	0.0332212	0.405076	-2.46867	0.875908	1.05837	1.05837	0.485658	1.29331	1.29331	0.00266919	0.221396	-4.51679
cg16151558	DHCR7;DHCR7	0.0353527	0.743215	1.03268	1.03268	0.636353	0.954481	-1.04769	0.00597842	1.42119	1.42119	0.729064	1.0346	1.0346	0.140232	1.16791	1.16791
cg22377913	DHDDS;DHDDS	0.00912378	0.0183753	0.550766	-1.81565	0.352168	0.819056	-1.22092	0.946509	1.01409	1.01409	0.401195	0.835994	-1.19618	0.0189244	0.552913	-1.8086
cg17218045	DHDDS;DHDDS	0.0223167	0.00853178	31.7579	31.7579	0.0372127	12.0844	12.0844	0.0438142	10.8846	10.8846	0.0417767	11.2214	11.2214	0.284101	0.317739	-3.14724
cg24037381	DHDH	0.000423199	0.00171804	1.28563	1.28563	0.220562	0.930233	-1.075	0.994524	1.00039	1.00039	0.126812	0.911438	-1.09717	0.534838	1.03592	1.03592
cg03138287	DHDH	0.00381762	0.912479	1.01247	1.01247	0.000473472	0.538649	-1.8565	0.00544308	0.662262	-1.50998	0.0283587	0.747038	-1.33862	0.00146002	0.595737	-1.67859
cg07134608	DHDH	0.00473964	0.00395383	0.378885	-2.63932	0.704852	0.909119	-1.09997	0.00682786	0.415875	-2.40457	0.000984234	0.293316	-3.40929	0.617038	1.13454	1.13454
cg18473090	DHDH	0.012247	0.0146993	0.539349	-1.85409	0.00559858	2.11244	2.11244	0.0617886	0.64892	-1.54102	0.572076	1.12454	1.12454	0.0956934	0.686444	-1.45678
cg19829602	DHDH	0.0341207	0.0337173	0.214251	-4.66741	0.230656	0.457866	-2.18405	0.921883	0.940886	-1.06283	0.777021	1.1929	1.1929	0.195561	0.427261	-2.34049
cg11230716	DHDH	0.0388632	0.548643	0.938499	-1.06553	0.0133315	1.37801	1.37801	0.601029	0.946314	-1.05673	0.0240755	1.32496	1.32496	0.276671	1.12562	1.12562
cg11734588	DHDH	0.0446045	0.00806846	0.24978	-4.00353	0.0383815	0.374986	-2.66677	0.0106715	0.269227	-3.71434	0.264288	0.621466	-1.6091	0.14478	0.527149	-1.897
cg26015401	DHDH;DHDH	0.0366946	0.36041	1.2176	1.2176	0.00653837	2.09558	2.09558	0.599162	0.894887	-1.11746	0.78607	1.05862	1.05862	0.150481	0.724183	-1.38087
cg11580790	DHDPSL;DHDPSL	0.0191391	0.0110486	0.399014	-2.50618	0.449108	0.800638	-1.249	0.0159695	0.427228	-2.34067	0.024932	0.463359	-2.15816	0.00234995	0.294155	-3.39956
cg15890734	DHFR	0.00203376	0.0294543	0.864612	-1.15659	0.000443809	0.730119	-1.36964	0.72519	1.02022	1.02022	0.488934	1.04069	1.04069	0.892896	0.992387	-1.00767
cg02467170	DHFR	0.00249922	0.058944	1.26361	1.26361	0.000452433	0.54528	-1.83392	0.014835	0.719783	-1.38931	0.283158	0.884856	-1.13013	0.333195	0.896279	-1.11572
cg10180697	DHFR;MSH3	0.00518134	0.568488	1.30471	1.30471	0.0021934	0.137801	-7.25684	0.0169944	0.261026	-3.83103	0.409102	0.677332	-1.47638	0.032811	0.315929	-3.16527
cg21619547	DHFRL1	0.00239278	0.196848	0.801841	-1.24713	0.00600249	0.559246	-1.78812	0.00105925	0.456753	-2.18937	0.830663	1.03527	1.03527	0.219933	0.811582	-1.23216
cg12340891	DHFRL1	0.0163532	0.462857	0.838539	-1.19255	0.0408132	0.573281	-1.74435	0.171401	0.709546	-1.40935	0.58728	0.87885	-1.13785	0.301024	0.776843	-1.28726
cg21499895	DHFRL1	0.0217746	0.254495	0.913546	-1.09464	0.0152669	0.797409	-1.25406	0.0347659	0.82943	-1.20565	0.00213775	0.720493	-1.38794	0.474383	0.946212	-1.05685
cg02269097	DHH	0.000224313	0.492773	0.901547	-1.1092	6.88E-05	2.9523	2.9523	5.73E-05	3.03634	3.03634	0.0404274	1.42216	1.42216	0.0688281	0.738613	-1.35389
cg03549571	DHH	0.000310124	0.215337	0.669898	-1.49276	0.573824	1.19074	1.19074	0.8629	0.94829	-1.05453	0.242328	0.686671	-1.4563	0.0246963	0.439726	-2.27414
cg01933416	DHH	0.00379155	0.304373	0.63325	-1.57915	0.0108358	0.252982	-3.95286	0.0125109	0.263302	-3.79792	0.12492	2.04106	2.04106	0.000513794	0.0974026	-10.2667
cg15878670	DHH	0.0159534	0.432996	1.62033	1.62033	0.0823305	3.19263	3.19263	0.421421	0.609334	-1.64114	0.665025	1.30053	1.30053	0.023402	5.12247	5.12247
cg19523287	DHH;DHH	0.0217449	0.686628	1.04648	1.04648	0.531053	1.07366	1.07366	0.0069093	1.47937	1.47937	0.53751	1.07243	1.07243	0.0879387	1.23484	1.23484
cg13109300	DHH;DHH	0.0387243	0.610043	1.12661	1.12661	0.211187	0.736905	-1.35703	0.202426	0.732057	-1.36601	0.616171	0.889464	-1.12427	0.0140704	0.49534	-2.01881
cg14768367	DHODH	3.70E-14	1.16E-14	8.73519	8.73519	3.38E-13	1.49492	1.49492	1.06E-10	1.02297	1.02297	4.25E-14	3.10566	3.10566	?	?	?
cg22381196	DHODH	0.00176985	0.0474582	0.74003	-1.3513	0.764006	1.04079	1.04079	0.0909823	1.28045	1.28045	0.00715894	0.630603	-1.58578	0.00283361	0.579388	-1.72596
cg00157456	DHODH	0.00428784	?	?	?	0.47341	1.34663	1.34663	0.0271863	2.98371	2.98371	0.0628366	2.38207	2.38207	0.00270777	5.92098	5.92098
cg19061957	DHODH	0.00589752	?	?	?	0.00323944	0.17667	-5.66028	0.457024	1.3385	1.3385	?	?	?	0.0340206	0.366854	-2.72588
cg08830573	DHODH	0.0077002	0.00236865	0.561085	-1.78226	0.0567347	1.34176	1.34176	0.0175807	0.674467	-1.48265	0.873363	0.97849	-1.02198	0.618998	0.933945	-1.07073
cg07817698	DHODH	0.0203886	0.00200118	3.25856	3.25856	0.816325	1.06504	1.06504	0.412006	1.25503	1.25503	0.0294567	0.499356	-2.00258	0.0649355	1.75297	1.75297
cg26634055	DHODH	0.0483955	0.42121	0.794301	-1.25897	0.0176715	0.445393	-2.24521	0.0527868	0.539569	-1.85333	0.701939	0.897833	-1.11379	0.486493	0.820228	-1.21917
cg21756353	DHPS;DHPS;DHPS	0.0430117	0.458255	1.07746	1.07746	0.0396721	1.26487	1.26487	0.00702428	1.41095	1.41095	0.0580827	0.809303	-1.23563	0.874905	1.01568	1.01568
cg24357849	DHPS;MORG1;DHPS;DHPS;MORG1;MORG1	0.00514825	0.178384	1.23784	1.23784	0.185407	1.23313	1.23313	0.0269219	1.47852	1.47852	0.000603297	2.20195	2.20195	0.0412617	0.703753	-1.42095
cg23086243	DHRS11	0.0118513	0.00351121	0.195068	-5.12642	0.00961053	0.258384	-3.87021	0.0605477	0.417441	-2.39555	0.0121406	0.275114	-3.63486	0.00273893	0.181417	-5.51215
cg27662304	DHRS11	0.0183758	0.848287	0.976279	-1.0243	0.25409	1.161	1.161	0.000609154	1.93878	1.93878	0.629663	0.940914	-1.0628	0.184307	1.19306	1.19306
cg00930890	DHRS11	0.0427827	0.0809324	0.728804	-1.37211	0.0492152	0.692833	-1.44335	0.0526961	1.43337	1.43337	0.0365116	0.67214	-1.48778	0.0233403	0.642108	-1.55737
cg05863534	DHRS11;DHRS11	0.00885533	0.356249	1.14699	1.14699	0.354603	0.871407	-1.14757	0.337338	0.866742	-1.15375	0.293187	1.17094	1.17094	0.0333874	1.44298	1.44298
cg13334066	DHRS12	0.00102933	0.343167	0.865612	-1.15525	0.14539	0.793698	-1.25992	0.0153274	0.644126	-1.55249	0.0202789	1.51223	1.51223	0.000228489	0.404596	-2.4716
cg08466269	DHRS12	0.0341139	0.861815	0.964656	-1.03664	0.0743824	1.50771	1.50771	0.0360143	0.604277	-1.65487	0.574751	1.12421	1.12421	0.0276655	0.584091	-1.71206
cg01870657	DHRS12	0.0449247	0.148049	1.59501	1.59501	0.0292926	2.1653	2.1653	0.298813	1.38266	1.38266	0.951786	0.981972	-1.01836	0.362454	0.754552	-1.32529
cg26894684	DHRS12;DHRS12	0.00198976	5.25E-05	0.177741	-5.62615	0.165561	0.713176	-1.40218	0.259965	1.3081	1.3081	0.532428	1.1555	1.1555	0.186575	0.72613	-1.37716
cg14160449	DHRS12;DHRS12	0.00438714	0.330415	1.40762	1.40762	0.146218	0.588019	-1.70063	0.000693959	0.171695	-5.82427	0.390128	1.34957	1.34957	0.518006	0.800033	-1.24995
cg04925385	DHRS12;DHRS12	0.00720932	0.86278	1.03157	1.03157	0.000688205	2.53748	2.53748	0.100127	1.38221	1.38221	0.00344084	2.04189	2.04189	0.0752778	1.42738	1.42738
cg19576806	DHRS12;DHRS12	0.00986471	0.000993091	0.414757	-2.41105	0.00133739	0.432206	-2.31371	0.811675	0.957965	-1.04388	0.915653	0.98112	-1.01924	0.063493	0.687009	-1.45559
cg11987576	DHRS12;DHRS12	0.0165261	0.751507	0.950797	-1.05175	0.414898	0.876024	-1.14152	0.233798	1.21927	1.21927	0.32989	1.17315	1.17315	0.00894781	0.589732	-1.69568
cg18852038	DHRS12;DHRS12	0.0198857	0.877813	1.02512	1.02512	0.00300277	0.518754	-1.9277	0.00349653	0.527812	-1.89461	0.251519	0.824303	-1.21315	0.404715	0.87153	-1.14741
cg05600717	DHRS12;DHRS12	0.0281511	0.658271	0.856685	-1.16729	0.0370086	2.32019	2.32019	0.00364251	3.92303	3.92303	0.00735647	3.32161	3.32161	0.52614	0.799944	-1.25009
cg04786592	DHRS12;DHRS12	0.0314487	0.039199	0.226201	-4.42086	0.00147275	0.0573361	-17.441	0.0390597	0.225889	-4.42695	0.32482	0.530826	-1.88386	0.04921	0.247006	-4.04848
cg14929207	DHRS13	0.00536864	0.0404706	0.437219	-2.28719	0.230939	1.55169	1.55169	0.940015	1.02666	1.02666	0.146801	1.72362	1.72362	0.00446178	0.265543	-3.76587
cg22846109	DHRS13	0.00949363	0.607427	0.826378	-1.2101	0.537473	1.25832	1.25832	0.602761	0.824294	-1.21316	0.240392	0.636135	-1.57199	0.0189054	0.351258	-2.84691
cg04161365	DHRS13	0.0144588	0.0110213	0.376957	-2.65282	0.0211841	2.33451	2.33451	0.0856416	1.78827	1.78827	0.781654	0.918506	-1.08872	0.0240727	0.439029	-2.27775
cg22176097	DHRS13	0.018382	0.235223	0.895508	-1.11668	0.349279	1.08924	1.08924	0.778792	0.975328	-1.0253	0.153147	1.14535	1.14535	0.00379119	1.41405	1.41405
cg10671802	DHRS13	0.0231657	0.0303543	0.701817	-1.42487	0.0243812	1.45232	1.45232	0.0874297	1.30014	1.30014	0.27746	0.854608	-1.17013	0.374674	1.13513	1.13513
cg06824727	DHRS1;C14orf21;DHRS1;DHRS1	6.90E-06	0.552017	1.10288	1.10288	0.0413247	1.46669	1.46669	0.00570035	1.80408	1.80408	0.000482113	0.410227	-2.43767	0.253905	0.823738	-1.21398
cg01755628	DHRS1;C14orf21;DHRS1;DHRS1	0.0455816	0.406762	1.15724	1.15724	0.452817	1.14065	1.14065	0.131656	1.32317	1.32317	0.77119	0.95106	-1.05146	0.0225343	1.60019	1.60019
cg06741909	DHRS1;DHRS1	0.013687	0.009201	0.499036	-2.00386	0.232552	0.768625	-1.30103	0.473347	0.857873	-1.16567	0.908395	1.02449	1.02449	0.0409101	0.608955	-1.64216
cg09975804	DHRS1;DHRS1;C14orf21	0.0346943	0.0566219	0.427028	-2.34177	0.00480816	0.228698	-4.37258	0.997918	0.998971	-1.00103	0.339786	0.678437	-1.47398	0.0389181	0.389561	-2.56699
cg18424115	DHRS1;DHRS1;C14orf21;DHRS1	0.00929031	0.388762	0.893335	-1.1194	0.00645581	1.57187	1.57187	0.0641457	0.766712	-1.30427	0.605458	0.935623	-1.06881	0.101085	0.795102	-1.2577
cg16194253	DHRS1;DHRS1;C14orf21;DHRS1	0.0186495	0.00106952	0.390411	-2.5614	0.013657	0.552386	-1.81033	0.463587	1.15622	1.15622	0.0299873	0.608504	-1.64337	0.0442527	0.637863	-1.56774
cg03504042	DHRS2;DHRS2	0.00101526	0.736419	0.91786	-1.08949	0.0144564	2.14821	2.14821	0.739856	1.08822	1.08822	0.0997802	0.632788	-1.58031	0.781363	0.931846	-1.07314
cg16387401	DHRS2;DHRS2	0.00113776	0.0539786	0.77185	-1.29559	0.000311821	0.500471	-1.99812	0.00764451	0.666357	-1.5007	0.000663907	0.539572	-1.85332	9.81E-05	0.440812	-2.26854
cg19891517	DHRS2;DHRS2	0.00190727	0.859446	0.973082	-1.02766	0.37591	0.869451	-1.15015	0.00701104	0.584654	-1.71041	0.28269	0.842107	-1.1875	2.40E-05	0.273459	-3.65686
cg22822219	DHRS2;DHRS2	0.00493874	0.931938	0.96744	-1.03366	0.001274	0.161844	-6.17881	0.218516	0.605599	-1.65126	0.000633051	0.130734	-7.64911	0.00225614	0.190825	-5.24039
cg24684346	DHRS2;DHRS2;DHRS2;DHRS2	0.000113533	0.0648465	0.767884	-1.30228	0.797794	1.03324	1.03324	0.018482	0.69492	-1.43901	0.0697975	0.772379	-1.2947	1.00E-06	0.194678	-5.1367
cg26937389	DHRS3	0.00114842	0.670303	1.04465	1.04465	0.0282582	0.767821	-1.30239	0.0701598	0.81343	-1.22936	0.425754	1.0865	1.0865	0.0239584	0.759763	-1.3162
cg06033579	DHRS3	0.00142605	0.404493	0.78596	-1.27233	0.0410491	0.51392	-1.94583	0.0130254	0.418992	-2.38668	0.00842992	2.58556	2.58556	0.000855025	0.243068	-4.11408
cg24541835	DHRS3	0.00169828	0.0497409	1.66446	1.66446	5.44E-05	5.53808	5.53808	0.0540336	1.6451	1.6451	0.812783	0.947426	-1.05549	0.0162222	0.512077	-1.95283
cg14562851	DHRS3	0.00589746	0.0219663	0.422124	-2.36897	0.000456252	0.176806	-5.65591	0.00370484	0.292095	-3.42355	0.00834343	0.347174	-2.8804	0.192704	0.648781	-1.54135
cg02086195	DHRS3	0.0104697	0.377029	0.686214	-1.45727	0.00612408	4.41945	4.41945	0.0974758	0.469812	-2.12851	0.00810069	4.08981	4.08981	0.0545542	0.404138	-2.4744
cg26917873	DHRS3	0.0107744	0.366218	0.875527	-1.14217	0.0971587	0.770522	-1.29782	0.979449	0.996318	-1.0037	0.494355	1.10448	1.10448	0.208607	1.20902	1.20902
cg09229231	DHRS3	0.0190738	0.244039	0.833919	-1.19916	0.000517723	2.24118	2.24118	0.036774	1.43547	1.43547	0.257196	1.19269	1.19269	0.843	1.02999	1.02999
cg13989455	DHRS3	0.0203599	0.408563	1.14423	1.14423	0.169797	1.26249	1.26249	0.0229302	0.648089	-1.543	0.001764	0.491611	-2.03413	0.610732	1.08527	1.08527
cg10523319	DHRS3	0.0206071	0.124338	0.648151	-1.54285	0.293982	1.32798	1.32798	0.0564722	0.569648	-1.75547	0.283961	1.33652	1.33652	0.00159339	0.307084	-3.25644
cg23603036	DHRS3	0.0234114	0.145504	0.577419	-1.73184	0.0633163	0.480082	-2.08298	0.00749043	0.298315	-3.35216	0.0104102	0.321898	-3.10658	0.0115463	0.3296	-3.03398
cg13314614	DHRS3	0.0357637	0.0478727	0.701271	-1.42598	0.0154217	1.5941	1.5941	0.0513929	0.706134	-1.41616	0.0798009	1.35659	1.35659	0.552119	0.909951	-1.09896
cg09517873	DHRS3	0.0392801	0.447197	0.738238	-1.35458	0.264085	1.5778	1.5778	0.0485207	0.413589	-2.41786	0.0162466	3.16274	3.16274	0.0501115	0.416847	-2.39896
cg06299537	DHRS3;DHRS3	0.00286798	0.0647219	0.667677	-1.49773	0.298264	1.23359	1.23359	0.06213	1.50516	1.50516	0.015196	0.559568	-1.78709	0.0103909	1.87449	1.87449
cg00889287	DHRS4	0.00193455	0.00204351	0.219146	-4.56316	0.00424277	0.262712	-3.80644	0.0405099	0.437694	-2.2847	0.00139955	0.198621	-5.03471	0.000354681	0.134918	-7.41189
cg18958373	DHRS4;C14orf167	0.0224361	0.452495	1.1852	1.1852	0.537654	1.14861	1.14861	0.103797	1.48423	1.48423	0.376682	1.22311	1.22311	0.00248372	0.393173	-2.54341
cg01878807	DHRS4;C14orf167;C14orf167;C14orf167;C14orf167	0.00136467	0.00237462	0.302399	-3.30689	0.654129	0.880479	-1.13575	0.0418768	0.515855	-1.93853	0.0396676	1.95704	1.95704	0.000114063	0.14785	-6.76361
cg18981338	DHRS4;C14orf167;C14orf167;C14orf167;C14orf167	0.0146127	0.0129097	0.269654	-3.70845	0.0220683	0.311703	-3.20819	0.0953983	0.459358	-2.17695	0.027915	3.01345	3.01345	0.00808311	0.236852	-4.22205
cg01937701	DHRS4;C14orf167;C14orf167;C14orf167;C14orf167	0.0206885	0.0220719	0.091272	-10.9563	0.650392	0.671742	-1.48867	0.009012	0.0552741	-18.0917	0.0217101	11.0562	11.0562	0.0377317	0.122264	-8.17902
cg05054115	DHRS4;C14orf167;C14orf167;C14orf167;C14orf167	0.0458892	0.14794	0.199356	-5.01614	0.87135	0.84503	-1.18339	0.00963889	0.0332465	-30.0784	0.0108243	27.8048	27.8048	0.113206	0.166803	-5.9951
cg04189328	DHRS4L1	0.000553769	0.0832526	1.23067	1.23067	0.624882	0.948059	-1.05479	0.0548661	0.790032	-1.26577	0.0450603	0.779646	-1.28263	0.0358983	1.3024	1.3024
cg10148273	DHRS4L1	0.0267057	0.391776	1.16829	1.16829	0.37392	0.850615	-1.17562	0.256628	0.810671	-1.23355	0.361658	0.846859	-1.18083	0.0804841	1.41012	1.41012
cg26960224	DHRS4L1	0.0402525	0.046282	0.56191	-1.77964	0.247139	0.736737	-1.35734	0.0591118	0.583888	-1.71266	0.256448	0.741513	-1.34859	0.00141011	0.311281	-3.21253
cg01870665	DHRS4L2	0.00237785	0.00180444	0.386175	-2.5895	0.342269	0.810768	-1.2334	0.605819	0.894401	-1.11807	0.0122905	1.95132	1.95132	0.00590644	0.462034	-2.16434
cg10199763	DHRS4L2	0.0058042	0.531483	1.08132	1.08132	0.0805914	0.787384	-1.27003	0.176572	0.837609	-1.19387	0.0128795	0.683239	-1.46362	0.439781	1.10207	1.10207
cg01597387	DHRS4L2	0.00759452	0.0395135	2.0893	2.0893	0.192	1.53319	1.53319	0.16491	0.632285	-1.58157	0.352306	0.743661	-1.3447	0.0591137	1.93366	1.93366
cg04978107	DHRS4L2	0.00841755	0.016074	1.94769	1.94769	0.260224	1.30439	1.30439	0.175536	1.38535	1.38535	0.465032	1.18324	1.18324	0.0959541	1.51246	1.51246
cg20812929	DHRS4L2	0.011809	0.0402027	1.4809	1.4809	0.988903	1.00231	1.00231	0.99744	1.00053	1.00053	0.0273826	0.649018	-1.54079	0.183052	1.26366	1.26366
cg27134365	DHRS4L2	0.0331079	0.0681185	2.08427	2.08427	0.309037	1.46006	1.46006	0.271335	1.50937	1.50937	0.350634	1.41251	1.41251	0.0614369	2.13297	2.13297
cg26206183	DHRS4L2	0.0414131	0.0578607	2.91252	2.91252	0.11156	2.37261	2.37261	0.114695	2.35188	2.35188	0.227894	1.87945	1.87945	0.0796353	2.63743	2.63743
cg13555354	DHRS4L2	0.0485752	0.0723236	2.82438	2.82438	0.132689	2.31623	2.31623	0.948247	0.966952	-1.03418	0.750195	1.17983	1.17983	0.136978	2.29183	2.29183
cg20320575	DHRS4L2;DHRS4L2	0.0264393	0.163512	1.35608	1.35608	0.77928	0.944075	-1.05924	0.509874	0.872029	-1.14675	0.262168	0.787033	-1.27059	0.107663	1.43278	1.43278
cg24093178	DHRS7	2.97E-07	0.00372901	0.587549	-1.70198	3.50E-05	2.9604	2.9604	8.70E-05	2.60038	2.60038	7.07E-09	0.0374026	-26.7361	0.00130808	0.529773	-1.8876
cg06898279	DHRS7	0.0121728	0.0171744	0.411385	-2.43081	0.293828	0.716727	-1.39523	0.0974334	0.573324	-1.74421	0.0851969	0.558722	-1.7898	0.00494688	0.32032	-3.12187
cg00846580	DHRS7	0.0179198	0.0180645	0.619698	-1.61369	0.050393	1.45007	1.45007	0.175091	1.27163	1.27163	0.815877	0.96188	-1.03963	0.214421	1.24332	1.24332
cg15876689	DHRS7;DHRS7	0.0186717	0.0196499	0.622688	-1.60594	0.699594	0.936911	-1.06734	0.00347921	1.94736	1.94736	0.470088	0.883815	-1.13146	0.0328969	0.657451	-1.52103
cg01488191	DHRS7B	0.000440809	0.0567302	0.552476	-1.81003	0.000882754	0.253796	-3.94017	0.959422	1.0141	1.0141	0.28918	0.738823	-1.3535	5.82E-05	0.128807	-7.76358
cg00801196	DHRS7B	0.000645676	0.0597849	1.36335	1.36335	0.00065297	0.466513	-2.14356	0.165947	0.806072	-1.24058	0.253657	1.19	1.19	0.252151	0.839829	-1.19072
cg06582708	DHRS7B	0.000888922	0.500316	0.835325	-1.19714	0.0090176	0.417628	-2.39447	0.00117534	0.285864	-3.49817	0.444423	0.814606	-1.22759	3.32E-05	0.120253	-8.31577
cg19360316	DHRS7B	0.00102059	0.00296383	0.266224	-3.75624	0.00363354	0.278913	-3.58535	0.00421188	0.288359	-3.4679	0.00492364	0.298576	-3.34923	0.000156341	0.12246	-8.16593
cg04140267	DHRS7B	0.00123534	0.000106592	0.145656	-6.8655	0.00627528	2.72681	2.72681	0.00419248	2.94636	2.94636	0.653647	0.880522	-1.13569	0.64193	1.14103	1.14103
cg08680693	DHRS7B	0.0059546	0.234214	0.80263	-1.2459	0.0890202	0.718437	-1.39191	0.00212873	0.467162	-2.14059	0.00960969	0.561032	-1.78243	0.925384	0.98362	-1.01665
cg07928065	DHRS7C	3.29E-05	0.77891	0.964007	-1.03734	0.0758423	1.29349	1.29349	0.77324	1.03835	1.03835	0.140221	1.22959	1.22959	1.66E-05	0.315607	-3.1685
cg04005378	DHRS7C	0.00262544	0.161121	1.27835	1.27835	0.00274087	1.97058	1.97058	0.939045	0.98753	-1.01263	0.0140121	0.60788	-1.64506	0.0140628	0.608111	-1.64444
cg00566997	DHRS7C	0.00301431	0.166892	0.880415	-1.13583	0.856591	0.984487	-1.01576	0.0257844	1.25711	1.25711	0.501232	0.94271	-1.06077	0.769625	1.02571	1.02571
cg00904566	DHRS7C	0.00321226	0.0191543	0.578501	-1.7286	0.0421962	0.636426	-1.57127	0.293482	1.23417	1.23417	0.475396	0.86924	-1.15043	0.000203213	0.300371	-3.32921
cg14888908	DHRS7C	0.00530854	0.802402	1.07511	1.07511	0.83032	0.939898	-1.06395	0.264885	1.39882	1.39882	0.0510697	1.89985	1.89985	0.00676157	0.362754	-2.75669
cg13351552	DHRS7C	0.0345644	0.342138	1.1464	1.1464	0.242232	1.18631	1.18631	0.0926177	1.29478	1.29478	0.112073	1.27319	1.27319	0.369023	0.87916	-1.13745
cg20423536	DHRS9	0.02717	0.657175	1.12527	1.12527	0.00217319	0.32091	-3.11614	0.00434675	0.365362	-2.73701	0.852572	0.952034	-1.05038	0.387752	0.791437	-1.26353
cg22129276	DHRS9;DHRS9	0.000131231	5.42E-05	0.163485	-6.11677	0.555206	0.866201	-1.15447	0.00596598	0.420941	-2.37563	4.45E-05	0.155465	-6.43231	0.000371735	0.253901	-3.93855
cg06836480	DHRS9;DHRS9;DHRS9	7.57E-06	0.4414	1.12638	1.12638	0.488218	1.11266	1.11266	0.00872412	0.602553	-1.65961	7.33E-06	0.223508	-4.47411	8.41E-07	0.136385	-7.33217
cg00768195	DHRS9;DHRS9;DHRS9	0.0134982	0.0153199	0.335207	-2.98323	0.478906	0.767731	-1.30254	0.00672355	0.275143	-3.63448	0.635413	0.839145	-1.19169	0.00247175	0.213255	-4.68922
cg05961700	DHRS9;DHRS9;DHRS9;DHRS9	0.0418887	0.515485	0.844236	-1.1845	0.0430433	0.550023	-1.81811	0.00321105	0.356038	-2.80869	0.102975	0.63252	-1.58098	0.180927	0.69437	-1.44015
cg12329168	DHTKD1	0.00203434	0.75491	0.975626	-1.02498	0.0201685	0.801878	-1.24707	0.00588133	0.752749	-1.32846	0.0635875	1.17863	1.17863	0.036607	0.825816	-1.21092
cg08313638	DHTKD1	0.00338218	0.00841743	0.265414	-3.76771	0.540896	1.27634	1.27634	0.368527	0.69485	-1.43916	0.80804	0.908515	-1.1007	0.000279958	0.0961293	-10.4027
cg15563952	DHTKD1	0.0154717	0.832782	1.11503	1.11503	0.975503	1.01594	1.01594	0.000234254	0.0432069	-23.1445	0.366371	1.61272	1.61272	0.873686	1.08539	1.08539
cg00183239	DHTKD1	0.0182525	0.916293	0.975951	-1.02464	0.00209704	0.36713	-2.72383	0.021678	0.528215	-1.89317	0.760749	0.931728	-1.07327	0.642425	1.11434	1.11434
cg23769730	DHTKD1	0.0400564	0.0380546	0.589242	-1.6971	0.597948	1.12418	1.12418	0.307564	0.792692	-1.26152	0.823331	1.05041	1.05041	0.0133094	1.96323	1.96323

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03044514	0.243075	0.850937	-1.17518	0.0131464	0.666099	-1.50128	0.534002	0.920139	-1.08679	0.519792	0.917391	-1.09005	3.50489	0.969293	0.245826	1
cg27651070	0.00105636	0.491384	-2.03507	6.56E-05	2.92856	2.92856	0.00611042	1.69041	1.69041	0.0318176	1.44643	1.44643	33.6747	11.477	0.302951	1
cg12592409	0.000799582	0.411528	-2.42997	0.000900104	0.418349	-2.39035	0.00267013	2.07172	2.07172	0.530869	0.894636	-1.11777	15.8307	7.71239	0.433048	1
cg24713122	0.086474	0.569222	-1.75679	0.0016408	0.261437	-3.82501	0.0345506	0.480283	-2.08211	0.871949	0.953137	-1.04917	4.28175	6.00386	1.2464	1
cg02154997	0.091994	1.28054	1.28054	0.00617149	1.60993	1.60993	0.141929	0.810173	-1.2343	0.46716	0.906072	-1.10366	4.11109	1.15718	0.250203	1
cg05897087	0.281116	0.742822	-1.34622	0.179634	1.45972	1.45972	0.327282	0.764618	-1.30784	0.818171	1.06302	1.06302	3.81345	4.25384	0.99154	1
cg01629435	0.0060609	1.42669	1.42669	0.196957	0.873502	-1.14482	0.00039713	0.571753	-1.74901	4.63E-05	0.466516	-2.14355	36.437	5.6727	0.138387	1
cg01269456	0.988683	0.998599	-1.0014	0.233375	1.13144	1.13144	0.928233	0.991136	-1.00894	0.179231	0.868481	-1.15144	11.4663	1.77391	0.137517	1
cg08971637	0.0985914	1.61229	1.61229	0.199356	1.42988	1.42988	0.0144824	2.21328	2.21328	0.118497	1.56349	1.56349	5.45943	6.01302	0.979024	1
cg22544376	0.220423	0.770986	-1.29704	0.862946	0.965721	-1.0355	0.023074	1.73072	1.73072	0.108232	1.42439	1.42439	4.31112	2.78256	0.573723	1
cg02896696	0.00135165	2.25468	2.25468	1.49E-05	0.208078	-4.8059	?	?	?	8.98E-05	0.294033	-3.40098	22.9268	9.8475	0.42952	1
cg11948341	0.245575	0.865943	-1.15481	0.00040576	0.51371	-1.94662	0.0693376	1.27227	1.27227	0.267406	0.872033	-1.14675	6.75844	1.50346	0.197739	1
cg01476789	0.352129	1.12085	1.12085	0.00247923	1.65066	1.65066	0.0478478	0.763713	-1.30939	0.0217928	0.720333	-1.38825	7.00832	1.57578	0.199862	1
cg26044621	0.292984	0.762803	-1.31095	0.0119922	0.459393	-2.17678	0.4634	1.2035	1.2035	0.121616	0.65935	-1.51664	6.67574	6.51257	0.867162	1
cg07099121	0.549475	1.07096	1.07096	0.00268337	1.5995	1.5995	0.904483	0.986503	-1.01368	0.0473567	1.29281	1.29281	5.87807	1.19284	0.180382	1
cg16171723	0.00446653	0.252425	-3.96157	0.880147	0.946696	-1.05631	0.74223	1.1273	1.1273	0.311051	0.683516	-1.46302	4.36506	9.11173	1.85549	1
cg16151558	0.229299	0.883912	-1.13133	0.0755529	0.824064	-1.2135	0.723325	1.03538	1.03538	0.0128846	1.35262	1.35262	3.85311	0.583904	0.134703	1
cg22377913	0.144757	0.721421	-1.38615	0.000181228	0.266987	-3.7455	0.840425	0.958842	-1.04293	0.355278	0.82017	-1.21926	6.08592	4.18918	0.611858	1
cg17218045	0.0755597	7.67669	7.67669	0.30456	2.99069	2.99069	0.00518155	44.8013	44.8013	0.0443434	10.8013	10.8013	4.53165	76.1912	14.945	1
cg24037381	0.0869188	1.112	1.112	6.83E-05	0.664338	-1.50526	0.0102793	1.19914	1.19914	0.00107948	1.31132	1.31132	14.9656	0.747346	0.0443891	1
cg03138287	0.302413	1.12794	1.12794	0.800614	1.02893	1.02893	0.298467	0.885636	-1.12913	0.635192	1.05534	1.05534	7.96358	1.60172	0.178783	1
cg07134608	0.158183	1.45899	1.45899	0.00340305	0.369076	-2.70947	0.715901	0.912548	-1.09583	0.313197	0.770143	-1.29846	7.45919	7.40588	0.882536	1
cg18473090	0.0900242	0.681045	-1.46833	0.148962	0.727468	-1.37463	0.0291581	1.69631	1.69631	0.688443	0.920478	-1.08639	5.53674	3.70603	0.59498	1
cg19829602	0.409896	0.592416	-1.688	0.000877702	0.0450942	-22.1758	0.112915	0.342361	-2.92089	0.956384	1.03456	1.03456	3.90285	23.8547	5.43301	1
cg11230716	0.0448914	1.2722	1.2722	0.0506061	0.792178	-1.26234	0.263031	1.1298	1.1298	0.173581	1.16349	1.16349	3.72238	0.644826	0.153982	1
cg11734588	0.398355	0.702228	-1.42404	0.011472	0.274447	-3.6437	0.14756	0.529808	-1.88748	0.347094	0.673142	-1.48557	3.53719	9.3626	2.3528	1
cg26015401	0.451339	0.851557	-1.17432	0.0582962	0.638876	-1.56525	0.0223583	1.7738	1.7738	0.379433	1.20781	1.20781	3.80133	2.63974	0.617267	1
cg11580790	0.0381137	0.500129	-1.99949	0.117086	0.612179	-1.63351	0.162851	0.650882	-1.53638	0.0164439	0.429532	-2.32812	4.77527	6.28447	1.16982	1
cg15890734	0.913125	1.00621	1.00621	0.000320257	1.39153	1.39153	0.42586	1.04721	1.04721	0.499412	1.03966	1.03966	9.59497	0.489094	0.0453102	1
cg02467170	0.0611806	1.26041	1.26041	0.00241567	1.5896	1.5896	0.614376	1.05731	1.05731	0.966556	0.995411	-1.00461	9.03287	1.72163	0.169419	1
cg10180697	0.53443	0.748007	-1.33689	0.000295158	0.0658458	-15.187	0.24274	0.568853	-1.75792	0.0208088	0.276944	-3.61083	7.25913	24.4823	2.99789	1
cg21619547	0.117275	0.759291	-1.31702	0.000116374	0.335207	-2.98323	0.439531	1.1361	1.1361	0.870118	0.973862	-1.02684	9.1492	3.796	0.3688	1
cg12340891	0.0456608	0.582775	-1.71593	0.0219703	0.523322	-1.91087	0.0801285	1.58011	1.58011	0.0011158	0.322593	-3.09988	5.03426	4.4272	0.781702	1
cg21499895	0.384	1.07019	1.07019	0.0670746	0.855577	-1.1688	0.659878	1.03423	1.03423	0.0304033	0.824178	-1.21333	4.57005	0.418019	0.0813061	1
cg02269097	0.000479073	2.26002	2.26002	0.107243	1.29898	1.29898	0.0711055	0.740846	-1.34981	0.0273982	1.4744	1.4744	17.8078	6.24329	0.311639	1
cg03549571	0.00164035	0.250296	-3.99527	3.95E-06	0.0370297	-27.0053	0.860599	0.947434	-1.05548	0.817307	1.07367	1.07367	16.3013	24.3636	1.32852	1
cg01933416	0.187151	0.548522	-1.82308	0.00110379	0.126709	-7.89212	0.230931	0.582878	-1.71563	0.0504584	0.383815	-2.60542	7.98	23.3177	2.59735	1
cg15878670	0.0167708	5.81656	5.81656	0.00136429	16.4986	16.4986	0.00939179	7.28937	7.28937	0.354477	1.7764	1.7764	5.07592	29.2489	5.12203	1
cg19523287	0.289757	0.884195	-1.13097	0.390682	0.90618	-1.10353	0.0105482	1.43387	1.43387	0.00508526	1.51404	1.51404	4.57219	0.908518	0.176627	1
cg13109300	0.017631	0.512147	-1.95257	0.00477892	0.419762	-2.3823	0.828221	0.950885	-1.05165	0.493597	1.17484	1.17484	3.72727	3.17076	0.75617	1
cg14768367	?	?	?	?	?	?	1.71E-14	5.96254	5.96254	?	?	?	2.70E+13	11.5217	1.71E-13	1
cg22381196	0.044252	0.735774	-1.35911	0.153232	1.22516	1.22516	0.954082	0.992383	-1.00767	0.000138546	0.417094	-2.39754	9.9906	2.78951	0.24819	1
cg00157456	0.00162841	0.142224	-7.03114	?	?	?	0.322889	0.658534	-1.51852	0.912943	1.04553	1.04553	9.35754	18.7003	1.99841	1
cg19061957	?	?	?	0.139082	0.535028	-1.86906	0.000788515	0.101596	-9.84288	0.448225	0.742618	-1.34659	10.3968	15.2876	1.47042	1
cg08830573	0.0868862	0.772788	-1.29402	?	?	?	0.0608091	0.74968	-1.3339	0.00333061	0.579987	-1.72418	6.55294	1.71433	0.261613	1
cg07817698	0.645751	0.882189	-1.13354	0.14456	0.65415	-1.5287	0.10352	1.61962	1.61962	0.381526	1.27515	1.27515	4.67387	5.42913	1.03253	1
cg26634055	0.497658	1.21285	1.21285	0.0468905	1.89193	1.89193	0.016511	0.440034	-2.27255	0.377717	0.775945	-1.28875	3.43031	4.2676	1.10586	1
cg21756353	0.175038	1.15312	1.15312	0.370001	0.913075	-1.0952	0.240735	1.12898	1.12898	0.0827908	1.20895	1.20895	3.58549	0.554065	0.13736	1
cg24357849	0.102208	1.30591	1.30591	0.0316611	1.45633	1.45633	0.00579956	1.71477	1.71477	0.291537	0.84932	-1.17741	7.27337	2.56514	0.31349	1
cg23086243	0.0247386	0.331646	-3.01526	0.0249606	0.332415	-3.00829	0.0575483	0.412035	-2.42698	0.106647	0.483229	-2.06941	5.59608	15.1049	2.39928	1
cg27662304	0.142917	1.21819	1.21819	0.340282	0.884097	-1.1311	0.706119	1.04863	1.04863	0.0167966	1.44163	1.44163	4.84134	1.20476	0.221198	1
cg00930890	0.421642	0.874426	-1.14361	0.509319	1.11564	1.11564	0.800733	1.04221	1.04221	0.0822163	0.729979	-1.3699	3.59261	1.52043	0.376187	1
cg05863534	0.00234125	0.524262	-1.90744	0.00301594	0.539963	-1.85198	0.197665	0.820662	-1.21853	0.0250757	0.674177	-1.48329	7.00877	2.2505	0.249743	1
cg13334066	0.000122975	0.371535	-2.69153	0.319875	0.859071	-1.16405	0.907128	0.982901	-1.0174	0.0450176	0.711817	-1.40486	11.6704	4.03669	0.307458	1
cg08466269	0.0205903	0.562129	-1.77895	0.718094	1.07775	1.07775	0.139532	1.38874	1.38874	0.0761032	0.665218	-1.50327	3.90313	2.63692	0.600524	1
cg01870657	0.910305	0.966662	-1.03449	0.00549613	2.99898	2.99898	0.0166192	2.41091	2.41091	0.180111	1.53464	1.53464	3.52774	5.05784	1.27443	1
cg26894684	0.886414	0.967859	-1.03321	0.00508605	0.428968	-2.33118	0.282656	1.29067	1.29067	0.278606	1.29368	1.29368	9.65632	7.98965	0.735468	1
cg14160449	0.00824641	0.316563	-3.15893	0.00979514	0.328988	-3.03962	0.25998	1.49184	1.49184	0.0254402	2.46984	2.46984	7.6363	14.0162	1.63152	1
cg04925385	0.0704071	1.43812	1.43812	0.126595	0.74311	-1.3457	0.198993	0.783603	-1.27616	0.412775	1.16236	1.16236	6.55456	3.35114	0.454461	1
cg19576806	0.858372	1.03266	1.03266	0.0518317	0.671598	-1.48899	0.0590599	0.681468	-1.46742	0.955696	1.01005	1.01005	5.93641	3.04326	0.455682	1
cg11987576	0.148174	0.781638	-1.27936	0.0119327	1.64589	1.64589	0.0128877	1.63295	1.63295	0.115175	1.31264	1.31264	5.01664	2.00416	0.355114	1
cg18852038	0.0646327	1.3976	1.3976	0.670788	0.933362	-1.0714	0.172954	0.791439	-1.26352	0.242138	0.820824	-1.21829	4.71373	1.94203	0.366216	1
cg05600717	0.0953637	1.89028	1.89028	0.544171	0.807891	-1.23779	0.745587	1.11978	1.11978	0.26855	1.49251	1.49251	4.17985	7.99427	1.70007	1
cg04786592	0.0661255	0.276936	-3.61094	0.03341	0.212616	-4.70331	0.266846	0.486476	-2.0556	0.395113	0.581296	-1.72029	4.01877	24.6944	5.46202	1
cg14929207	0.936678	0.972603	-1.02817	0.0297727	0.408953	-2.44527	0.00074394	0.166955	-5.98965	?	?	?	7.3336	12.6194	1.72077	1
cg22846109	0.000422579	0.12801	-7.81187	0.0385909	2.41506	2.41506	0.117422	0.534825	-1.86977	0.836425	1.07905	1.07905	6.00948	12.8898	1.90659	1
cg04161365	0.561798	0.83571	-1.19659	0.0942174	0.569548	-1.75578	0.0133007	0.391234	-2.55602	0.197104	0.658894	-1.51769	5.24393	7.77412	1.31778	1
cg22176097	0.563067	0.949455	-1.05324	0.168742	0.878018	-1.13893	0.0182944	0.775653	-1.28924	0.0317876	1.25014	1.25014	4.84079	0.603348	0.11079	1
cg10671802	0.329767	0.869442	-1.15016	0.0518799	0.735123	-1.36032	0.0154246	0.661353	-1.51205	0.423821	1.12034	1.12034	4.47377	1.37102	0.272407	1
cg06824727	0.299312	0.839401	-1.19133	9.72E-08	0.0593804	-16.8406	0.733895	1.0571	1.0571	0.14545	1.2897	1.2897	44.6665	18.7373	0.372883	1
cg01755628	0.0394479	0.663698	-1.50671	0.0134885	0.590814	-1.69258	0.924402	0.983801	-1.01647	0.677429	1.07464	1.07464	3.5086	1.64534	0.416839	1
cg06741909	0.158459	1.37286	1.37286	0.216906	0.761011	-1.31404	0.00437129	2.22599	2.22599	0.0423537	0.611719	-1.63474	5.33938	3.73651	0.622047	1
cg09975804	0.813921	0.911214	-1.09744	0.00547645	0.236837	-4.22231	0.130369	0.525068	-1.90452	0.0858452	0.473037	-2.114	3.87942	9.55417	2.18914	1
cg18424115	0.507441	0.917711	-1.08967	?	?	?	0.597111	1.07049	1.07049	0.00121215	0.546088	-1.83121	6.17312	1.41714	0.229567	1
cg16194253	0.165253	0.749769	-1.33374	0.72883	1.07006	1.07006	0.522484	0.881513	-1.13441	0.48945	0.872306	-1.14639	4.81726	2.88837	0.532967	1
cg03504042	0.155006	1.47126	1.47126	2.58E-05	0.120632	-8.28967	0.520559	0.8477	-1.17966	0.0133264	0.459374	-2.17687	11.7161	11.9438	0.906167	1
cg16387401	0.1246	0.821327	-1.21754	0.0721854	0.78855	-1.26815	0.0887088	0.80068	-1.24894	0.0576547	0.775599	-1.28933	11.3427	2.51763	0.197297	1
cg19891517	0.041751	0.696759	-1.43522	0.0483726	0.706634	-1.41516	0.11218	0.766237	-1.30508	0.12718	0.775734	-1.2891	9.77606	3.6694	0.33364	1
cg22822219	0.288705	0.652593	-1.53235	0.260565	0.634622	-1.57574	0.478845	1.32179	1.32179	0.0935836	0.489375	-2.04342	7.36626	17.5192	2.11405	1
cg24684346	0.412154	0.898697	-1.11272	0.172735	1.20302	1.20302	0.354949	0.885845	-1.12887	0.0686221	0.771338	-1.29645	21.4007	5.49933	0.228417	1
cg26937389	4.09E-05	2.22161	2.22161	0.258908	1.12766	1.12766	0.771186	0.970693	-1.03019	0.0367343	1.28084	1.28084	11.3127	1.86409	0.14647	1
cg06033579	0.00499466	2.85502	2.85502	0.0193113	2.22321	2.22321	0.832767	0.942042	-1.06152	0.0195877	0.450944	-2.21757	10.6331	13.4267	1.12243	1
cg24541835	0.0598281	1.62157	1.62157	0.0164796	1.94838	1.94838	0.551104	1.14715	1.14715	0.999787	1.00006	1.00006	10.1107	8.29729	0.72946	1
cg14562851	0.0253907	0.434358	-2.30225	0.00918354	0.354121	-2.82389	0.033078	0.457482	-2.18588	0.283229	0.704759	-1.41893	6.97617	10.8816	1.38651	1
cg02086195	0.284409	1.58716	1.58716	0.052129	0.399425	-2.5036	0.139817	0.516863	-1.93475	0.137796	1.94231	1.94231	5.82434	15.9188	2.42947	1
cg26917873	0.00023162	2.39891	2.39891	0.977263	1.00409	1.00409	0.615392	1.07523	1.07523	0.103646	1.29026	1.29026	5.7709	1.87407	0.288662	1
cg09229231	0.684562	1.06275	1.06275	0.377812	0.873853	-1.14436	0.360186	1.15048	1.15048	0.225569	1.20882	1.20882	4.78079	1.68129	0.312601	1
cg13989455	0.259594	1.20617	1.20617	0.890943	0.978371	-1.02211	0.996071	1.00079	1.00079	0.0404072	0.685687	-1.45839	4.67611	1.8815	0.357657	1
cg10523319	0.704644	0.905525	-1.10433	0.13509	1.52162	1.52162	0.15639	0.673621	-1.48451	0.239047	1.37894	1.37894	4.65693	5.00856	0.956004	1
cg23603036	0.202723	1.60404	1.60404	0.733784	0.886966	-1.12744	0.558022	0.812078	-1.23141	0.0357605	0.423787	-2.35968	4.45751	8.7163	1.73815	1
cg13314614	0.358822	1.15953	1.15953	0.478076	0.89302	-1.1198	0.0642645	0.721689	-1.38564	0.469225	1.12245	1.12245	3.837	1.49553	0.346459	1
cg09517873	0.338732	1.47154	1.47154	0.0365369	0.385997	-2.59069	0.530574	0.779682	-1.28257	0.444982	1.35666	1.35666	3.70783	9.01205	2.16049	1
cg06299537	0.000341195	3.07479	3.07479	0.820951	1.04513	1.04513	0.346572	0.828016	-1.20771	0.0842332	0.689405	-1.45053	8.67315	5.2074	0.533693	1
cg00889287	0.00153589	0.203538	-4.9131	0.0175628	0.364507	-2.74343	0.6764	0.863642	-1.15789	0.0958635	0.527946	-1.89413	9.73576	18.8072	1.71712	1
cg18958373	0.591364	0.886642	-1.12785	0.175686	0.726394	-1.37666	0.116495	1.4603	1.4603	0.0257171	0.555373	-1.80059	4.52334	3.53075	0.693833	1
cg01878807	0.038649	0.508648	-1.966	0.0365761	0.503749	-1.98511	0.0070331	0.374003	-2.67377	0.0054343	0.356128	-2.80798	10.7682	13.5869	1.12156	1
cg18981338	0.0809577	0.439698	-2.27429	0.700865	1.1781	1.1781	0.0509877	0.389106	-2.56999	0.104334	0.470512	-2.12534	5.22566	14.9225	2.53833	1
cg01937701	0.054607	0.149367	-6.6949	0.444381	1.97376	1.97376	0.115216	0.22459	-4.45257	0.588656	0.621186	-1.60982	4.65068	56.0129	10.7058	1
cg05054115	0.281011	0.312192	-3.20316	0.99898	0.998673	-1.00133	0.514979	0.503611	-1.98566	0.44583	0.446017	-2.24207	3.49976	59.8299	15.196	1
cg04189328	0.00431669	1.51133	1.51133	2.06E-05	2.53567	2.53567	0.0214624	1.34857	1.34857	0.0398276	1.29332	1.29332	13.8907	2.57749	0.164938	1
cg10148273	0.0499696	1.48628	1.48628	0.00130116	2.29384	2.29384	0.310012	1.20469	1.20469	0.342972	1.18909	1.18909	4.258	2.11917	0.442393	1
cg26960224	0.946021	1.01724	1.01724	0.812593	1.0618	1.0618	0.075503	0.606796	-1.648	0.656483	0.893132	-1.11966	3.67461	3.70975	0.897391	1
cg01870665	0.0849841	1.5043	1.5043	0.00143619	2.68591	2.68591	0.27109	1.27844	1.27844	0.898986	0.97314	-1.0276	9.16604	6.67213	0.647039	1
cg10199763	0.511122	1.08568	1.08568	0.000255346	2.1022	2.1022	0.563497	1.0747	1.0747	0.748173	0.961046	-1.04053	7.01052	1.68937	0.214201	1
cg01597387	0.0118563	2.64341	2.64341	0.000496715	5.40012	5.40012	0.0264532	2.25749	2.25749	0.469472	1.25572	1.25572	6.44865	9.77882	1.34792	1
cg04978107	0.0891404	1.52839	1.52839	0.000293871	3.79951	3.79951	0.00672757	2.21485	2.21485	0.0166161	1.9384	1.9384	6.24321	5.06304	0.72086	1
cg20812929	0.233356	1.22995	1.22995	0.000646957	2.37915	2.37915	0.0494297	1.44976	1.44976	0.478581	1.12674	1.12674	5.60257	2.4345	0.386252	1
cg27134365	0.0617988	2.13017	2.13017	0.00108341	5.66474	5.66474	0.0286496	2.52967	2.52967	0.139046	1.77258	1.77258	3.94542	8.07611	1.81952	1
cg26206183	0.160199	2.11277	2.11277	0.00325996	7.38671	7.38671	0.0129819	4.65023	4.65023	0.0405869	3.25048	3.25048	3.63623	14.3125	3.49873	1
cg13555354	0.0498011	3.18489	3.18489	0.00343447	7.82792	7.82792	0.0215498	4.17467	4.17467	0.126251	2.35478	2.35478	3.4255	14.5414	3.77337	1
cg20320575	0.168958	1.35013	1.35013	0.0010203	2.7119	2.7119	0.0768511	1.49635	1.49635	0.164473	1.35501	1.35501	4.27297	2.83937	0.590662	1
cg24093178	0.00598919	0.614039	-1.62856	0.000929542	1.95648	1.95648	0.772781	0.961456	-1.04009	0.601409	1.07418	1.07418	99.8325	29.1443	0.259495	1
cg06898279	0.0894048	0.563915	-1.77332	0.00467211	0.31651	-3.15945	0.600435	1.17545	1.17545	0.00242109	0.274773	-3.63937	5.54769	8.22033	1.31712	1
cg00846580	0.985515	1.00303	1.00303	0.00410628	1.89936	1.89936	0.180438	1.26743	1.26743	0.0148538	1.64756	1.64756	4.88245	2.14697	0.390873	1
cg15876689	0.417736	1.14933	1.14933	0.139535	0.765494	-1.30635	0.306522	1.19474	1.19474	0.141125	0.766435	-1.30474	4.81532	2.15427	0.39767	1
cg01488191	0.000851153	0.251793	-3.97151	0.000142585	0.164568	-6.07653	0.892224	0.96339	-1.038	0.0117566	0.420712	-2.37692	14.7979	17.7401	1.06562	1
cg00801196	0.0161431	0.650838	-1.53648	2.84E-05	0.300953	-3.32278	0.607425	1.07855	1.07855	0.740362	1.04972	1.04972	13.3084	4.48809	0.299765	1
cg06582708	0.0239647	0.492433	-2.03073	0.247691	0.7277	-1.37419	0.280235	0.744372	-1.34342	0.000810861	0.264867	-3.77548	12.1652	13.3277	0.973832	1
cg19360316	0.0205098	0.40423	-2.47384	0.000553748	0.175659	-5.69286	0.40851	0.760099	-1.31562	0.00211046	0.245925	-4.06628	11.6987	19.5078	1.48224	1
cg04140267	0.0125348	0.416908	-2.39861	0.501798	0.825267	-1.21173	0.961654	1.01364	1.01364	0.777988	1.08289	1.08289	11.0796	13.9268	1.11731	1
cg08680693	0.819434	0.960489	-1.04114	0.363604	1.17894	1.17894	0.0468782	1.4935	1.4935	0.00150592	0.446529	-2.2395	6.95545	3.4243	0.437618	1
cg07928065	0.000696332	1.96163	1.96163	6.37E-06	3.71262	3.71262	0.00319165	1.68942	1.68942	0.00446181	1.63882	1.63882	29.7289	7.98712	0.238813	1
cg04005378	0.0109021	1.68939	1.68939	0.00244317	0.500639	-1.99745	0.956364	0.991062	-1.00902	0.13616	0.768382	-1.30144	8.90269	3.79575	0.378986	1
cg00566997	0.00013697	1.76849	1.76849	0.00916996	1.33106	1.33106	0.0137928	1.30093	1.30093	0.0401866	1.22739	1.22739	8.54607	1.01099	0.105154	1
cg00904566	0.0137231	0.55524	-1.80102	0.0017637	0.423092	-2.36355	0.0263345	0.601324	-1.663	0.148351	0.7413	-1.34898	8.3859	4.95119	0.524816	1
cg14888908	0.192703	1.48916	1.48916	0.000478922	4.86952	4.86952	0.0399736	1.9852	1.9852	0.0354189	2.02881	2.02881	7.20543	9.52062	1.1745	1
cg13351552	0.001572	1.88485	1.88485	0.240865	1.18696	1.18696	0.273035	0.85279	-1.17262	0.441536	0.896238	-1.11577	3.88469	1.19888	0.274325	1
cg20423536	0.609063	1.14601	1.14601	0.331257	1.30326	1.30326	0.588746	0.865692	-1.15515	0.410975	0.800802	-1.24875	4.23233	4.67966	0.982837	1
cg22129276	0.63628	0.891667	-1.12149	7.72E-05	0.17852	-5.60162	0.0255445	0.527997	-1.89395	0.00058624	0.278352	-3.59257	20.5844	18.8879	0.815631	1
cg06836480	1.75E-05	0.263762	-3.79129	5.20E-05	0.317545	-3.14916	0.282995	1.18425	1.18425	0.000613953	0.449456	-2.22491	43.6053	15.8711	0.32353	1
cg00768195	0.0710924	0.47696	-2.09661	0.0299203	0.391427	-2.55475	0.0895631	0.502947	-1.98828	0.00461756	0.250586	-3.99064	5.36375	11.4533	1.89806	1
cg05961700	0.0463319	0.556518	-1.79689	0.0108508	0.439809	-2.27371	0.283483	0.751167	-1.33126	0.157321	0.678202	-1.47449	3.62089	3.78106	0.92821	1
cg12329168	0.000145988	0.59747	-1.67372	0.00351199	0.732014	-1.36609	0.0248949	0.810296	-1.23412	0.0992385	0.867272	-1.15304	9.59418	0.943498	0.0874139	1
cg08313638	0.0198303	0.32999	-3.03039	?	?	?	0.116768	0.510838	-1.95757	0.00201492	0.179542	-5.56971	8.44044	18.4616	2.18728	1
cg15563952	0.536155	1.38075	1.38075	0.593409	0.75765	-1.31987	0.341866	1.65593	1.65593	0.681579	0.808587	-1.23672	5.12785	21.5396	3.73378	1
cg00183239	0.0481732	1.68685	1.68685	0.505496	0.855183	-1.16934	0.609794	0.887646	-1.12658	0.0151879	0.501316	-1.99475	4.85233	4.12009	0.754751	1
cg23769730	0.0823961	0.654945	-1.52685	0.0991444	1.48829	1.48829	0.402845	1.20721	1.20721	0.0821374	0.654661	-1.52751	3.68123	2.82074	0.681112	1

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cg08739282	DHX15	7.06E-07	2.24E-05	0.371937	-2.68863	2.55E-06	3.75395	3.75395	0.0125703	0.69685	-1.43503	2.82E-06	0.270988	-3.6902	6.57E-06	0.311264	-3.21271	0.000211869	0.486511	-2.05545	4.42E-07	0.189732	-5.2706	3.07E-05	0.387724	-2.57915	0.619421	1.06	1.06	80.1311	17.1867	0.190651	1
cg04436083	DHX15	4.65E-05	0.0012724	0.315276	-3.17182	0.0108117	0.455593	-2.19494	0.275228	0.756721	-1.32149	0.974626	0.99222	-1.00784	7.53E-06	0.0890281	-11.2324	0.000683387	0.27968	-3.57552	5.71E-06	0.0812935	-12.3011	0.937905	1.01932	1.01932	0.000329658	0.240746	-4.15376	27.1434	25.9249	0.848988	1
cg07190966	DHX15	0.00429063	0.0578987	1.71797	1.71797	0.0867041	1.61215	1.61215	0.00477819	0.388521	-2.57387	0.318609	0.770923	-1.29715	0.016014	0.475118	-2.10474	0.0124359	0.456058	-2.1927	0.00158925	0.318534	-3.13938	0.0295372	0.523729	-1.90938	0.085613	0.619048	-1.61538	7.68791	7.75691	0.896867	1
cg12977548	DHX15	0.00472611	0.00198395	0.279933	-3.57228	0.0506491	0.522507	-1.91385	0.143945	0.632811	-1.58025	0.348141	0.754618	-1.32517	0.00097404	0.23927	-4.17937	0.0598981	0.538618	-1.8566	0.000796757	0.22847	-4.37694	0.740524	0.907679	-1.10171	0.755579	1.09529	1.09529	7.46568	10.0449	1.19598	1
cg02613917	DHX15	0.00603319	0.00871877	0.658785	-1.51795	0.0169125	1.43887	1.43887	0.0828254	1.27108	1.27108	0.746432	0.960294	-1.04135	0.0629001	0.770044	-1.29863	0.695959	1.05027	1.05027	0.162512	0.830103	-1.20467	0.000818667	0.532669	-1.87734	0.646545	0.943971	-1.05936	6.92735	1.71101	0.21955	1
cg04337270	DHX15	0.00610593	0.0309746	0.254227	-3.93349	0.0791286	0.34853	-2.86919	0.0554661	0.309226	-3.23388	0.0126671	0.187209	-5.34162	0.000630957	0.0584036	-17.1222	0.0125783	0.18675	-5.35475	0.00981416	0.171169	-5.84217	0.64834	1.28182	1.28182	0.00533671	0.137446	-7.27561	6.90175	31.9581	4.11594	1
cg12857541	DHX15	0.0110371	0.0330804	0.452331	-2.21077	0.0642456	0.51582	-1.93866	0.107388	0.571507	-1.74976	0.0347146	0.456677	-2.18973	0.160026	0.620067	-1.61273	0.0363849	0.460949	-2.16944	0.00595349	0.318241	-3.14227	0.899704	1.04096	1.04096	0.000565779	0.182525	-5.47869	5.7263	9.1929	1.42701	1
cg07522639	DHX15	0.0160711	0.0217592	0.466994	-2.14136	0.394528	0.785762	-1.27265	0.225411	0.703289	-1.42189	0.155476	1.52229	1.52229	0.00301196	0.324834	-3.07849	0.631556	0.874961	-1.14291	0.0220367	0.468026	-2.13664	0.0411868	1.91787	1.91787	0.255345	0.72014	-1.38862	5.06352	6.12969	1.07605	1
cg10250534	DHX15;DHX15	0.026506	0.982355	0.998405	-1.0016	0.0165642	1.23518	1.23518	0.00380093	1.32538	1.32538	0.806638	1.01785	1.01785	0.181597	1.10775	1.10775	0.00676177	1.28833	1.28833	0.256234	0.918034	-1.08928	0.741823	1.02414	1.02414	0.67974	1.03041	1.03041	4.2692	0.35211	0.0733128	1

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cg08783695	DIP2C	0.00168299	0.00121907	0.540063	-1.85164	0.0126592	0.668054	-1.49688	0.0199759	0.693847	-1.44124	0.310205	0.872253	-1.14646	5.26E-05	0.374046	-2.67347	0.0683971	0.766773	-1.30417	0.0420119	0.737135	-1.3566	0.669215	1.05753	1.05753	0.0428289	0.738284	-1.35449	10.1372	2.71998	0.238503	1
cg17319285	DIP2C	0.0017092	0.074542	1.6974	1.6974	0.0945343	1.63141	1.63141	0.186458	0.68866	-1.45209	0.20426	1.42876	1.42876	0.00114704	0.279982	-3.57166	0.000394187	0.222372	-4.49697	0.00464718	0.366909	-2.72547	0.373948	1.27515	1.27515	0.539489	1.17992	1.17992	10.092	11.3371	0.998555	1
cg10610949	DIP2C	0.00171852	0.29643	0.817182	-1.22372	0.000163354	0.301415	-3.31768	0.00285715	0.465114	-2.15001	0.023734	1.65438	1.65438	0.0306419	1.60577	1.60577	0.710126	1.07211	1.07211	0.130092	1.35652	1.35652	0.117224	0.728087	-1.37346	0.614596	0.909661	-1.09931	10.0761	5.55003	0.489609	1
cg08306029	DIP2C	0.00191534	0.189581	0.776745	-1.28742	0.00954346	1.81641	1.81641	0.0958848	0.717116	-1.39447	0.877294	1.02849	1.02849	5.34E-05	0.253908	-3.93844	0.122007	0.737307	-1.35629	0.826533	1.04071	1.04071	0.31339	0.827304	-1.20874	0.237773	1.25214	1.25214	9.76406	5.11214	0.465393	1
cg23081284	DIP2C	0.00199076	0.00906481	3.53078	3.53078	0.000115072	13.1033	13.1033	0.00778127	3.66869	3.66869	0.0146344	3.1375	3.1375	0.18098	0.582597	-1.71645	0.0967797	2.00056	2.00056	0.0231798	2.80804	2.80804	0.00338414	4.55298	4.55298	0.0939007	2.01508	2.01508	9.65492	22.1248	2.03694	1
cg06498313	DIP2C	0.0020638	0.117844	0.699109	-1.43039	0.2628	0.781861	-1.279	0.13336	0.710865	-1.40674	0.224221	0.764062	-1.30879	4.07E-05	0.191943	-5.20988	0.00254554	0.413721	-2.41709	0.886701	0.970398	-1.0305	0.225168	1.308	1.308	0.377401	0.826211	-1.21034	9.55402	6.72224	0.625424	1
cg02594677	DIP2C	0.00207374	0.00977565	0.515236	-1.94086	0.000913027	0.365585	-2.73534	0.000679777	0.348545	-2.86907	0.671125	1.09056	1.09056	0.00586255	0.480918	-2.07936	0.0410603	0.619712	-1.61365	0.154973	0.734222	-1.36199	0.0288469	1.6873	1.6873	0.0433926	0.624044	-1.60245	9.54065	6.22549	0.58002	1
cg24341711	DIP2C	0.00215633	0.406957	1.15376	1.15376	0.000690267	0.41753	-2.39504	0.236474	0.81128	-1.23262	0.0956177	1.36158	1.36158	0.238832	1.23121	1.23121	0.424625	1.14738	1.14738	0.000217145	2.82952	2.82952	0.832218	1.03642	1.03642	0.750022	0.947532	-1.05537	9.43243	4.24663	0.400192	1

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cg13908149	DIP2C	0.0446557	0.161172	0.666909	-1.49945	0.00479715	0.363047	-2.75447	0.190861	0.687331	-1.4549	0.0374236	0.520087	-1.92275	0.0455176	0.5375	-1.86046
cg12184994	DIP2C	0.0447325	0.0070653	0.257067	-3.89004	0.0121767	0.295504	-3.38405	0.294779	0.654436	-1.52803	0.933538	0.967979	-1.03308	0.0128718	0.299663	-3.33708
cg15551781	DIP2C	0.0456202	0.0305702	0.321426	-3.11113	0.654011	1.22325	1.22325	0.117323	0.467754	-2.13787	0.519659	1.33848	1.33848	0.00721073	0.212474	-4.70645
cg07489488	DIP2C	0.0465515	0.575577	1.10251	1.10251	0.415751	0.866307	-1.15433	0.390444	1.16396	1.16396	0.458733	1.13902	1.13902	0.00198205	0.470574	-2.12506
cg02531768	DIP2C	0.0467306	0.116976	0.590554	-1.69332	0.0288464	0.450634	-2.2191	0.0127175	0.383816	-2.60541	0.868169	0.949919	-1.05272	0.0078081	0.347788	-2.87531
cg20472384	DIP2C	0.0469474	0.601902	1.17957	1.17957	0.00456024	0.305634	-3.27189	0.0873021	0.553025	-1.80824	0.488166	1.24731	1.24731	0.550335	1.20878	1.20878
cg26873457	DIP2C	0.0477515	0.178363	0.281441	-3.55314	0.0429446	0.126763	-7.88873	0.0264626	0.0970087	-10.3084	0.742818	1.33902	1.33902	0.174371	0.277741	-3.60047
cg27568360	DIP2C	0.0487609	0.166497	1.66894	1.66894	0.00766342	3.28693	3.28693	0.247934	0.657455	-1.52102	0.50362	1.26573	1.26573	0.0712582	2.01278	2.01278
cg19026125	DIP2C	0.0495934	0.321446	0.74311	-1.3457	0.0659899	0.549986	-1.81823	0.0239914	2.18257	2.18257	0.0701344	0.556068	-1.79834	0.133116	1.59945	1.59945
cg05005968	DIP2C	0.049962	0.896012	0.970649	-1.03024	0.00440219	2.37775	2.37775	0.020106	1.89422	1.89422	0.489849	1.17329	1.17329	0.264343	0.76717	-1.30349
cg14121234	DIP2C;C10orf108;C10orf108	0.0239313	0.00833988	0.133693	-7.47983	0.146407	2.53571	2.53571	0.235678	0.47628	-2.0996	0.520531	1.47511	1.47511	0.190709	0.437361	-2.28644
cg12753366	DIP2C;C10orf108;C10orf108	0.0293125	0.0147694	0.134199	-7.45162	0.279838	2.12143	2.12143	0.308078	0.493479	-2.02643	0.223099	2.35609	2.35609	0.152413	0.358373	-2.79039
cg10785578	DIP2C;C10orf108;C10orf108	0.0387238	0.384177	1.28181	1.28181	0.00717251	0.380649	-2.62709	0.834984	1.05976	1.05976	0.00834032	0.391392	-2.55498	0.227268	0.702792	-1.4229
cg08638582	DIRAS1	0.000126489	0.00070956	0.449699	-2.22371	0.773592	0.956293	-1.0457	0.24463	0.828131	-1.20754	0.0597224	0.719501	-1.38985	2.64E-05	0.275955	-3.62377
cg25992219	DIRAS1	0.00228301	4.25E-05	0.127574	-7.8386	0.0341994	0.520098	-1.92271	0.22623	0.714506	-1.39957	0.43376	0.809521	-1.2353	0.196783	0.696957	-1.43481
cg24862743	DIRAS1	0.00421226	0.931702	1.0176	1.0176	0.0874982	0.681094	-1.46823	0.689072	0.921377	-1.08533	0.00564259	2.09497	2.09497	0.799731	1.05312	1.05312
cg00232387	DIRAS1	0.00485484	0.0581015	1.75218	1.75218	0.000853615	3.71387	3.71387	0.0658138	1.71697	1.71697	0.121658	1.55177	1.55177	0.0270441	0.503856	-1.98469
cg09246948	DIRAS1	0.0151106	0.056291	0.540351	-1.85065	0.0213072	0.454712	-2.19919	0.178756	0.665777	-1.502	0.20066	1.46949	1.46949	0.0177411	0.439952	-2.27298
cg18036235	DIRAS1	0.0345854	0.0946937	0.757062	-1.3209	0.444638	0.888627	-1.12533	0.635812	0.930266	-1.07496	0.364093	0.868208	-1.1518	0.00635461	0.583757	-1.71304
cg11465163	DIRAS3	4.66E-06	0.36736	1.10617	1.10617	8.14E-08	6.91779	6.91779	4.41E-05	2.32504	2.32504	0.000133027	2.0583	2.0583	0.940313	0.991873	-1.00819
cg12070746	DIRAS3	3.47E-05	0.081654	1.15024	1.15024	1.30E-05	1.942	1.942	0.498923	0.951429	-1.05105	3.37E-06	2.21449	2.21449	0.00197016	0.728169	-1.37331
cg16314899	DIRAS3	8.68E-05	0.494933	0.89075	-1.12265	2.93E-06	6.44531	6.44531	0.00418248	1.89759	1.89759	8.11E-05	3.27685	3.27685	0.557112	1.10421	1.10421
cg16148134	DIRAS3	0.000254505	0.690522	1.04757	1.04757	4.05E-06	0.288755	-3.46315	0.00391513	0.637049	-1.56974	0.889358	1.01629	1.01629	0.768665	0.966331	-1.03484
cg13697378	DIRAS3	0.000298335	0.0336623	2.19033	2.19033	3.07E-05	13.1053	13.1053	0.0399591	2.11772	2.11772	0.0541332	1.99522	1.99522	0.00595721	3.11542	3.11542
cg24871743	DIRAS3	0.000821629	0.0521789	1.59237	1.59237	0.00512349	2.17919	2.17919	0.0457846	1.61983	1.61983	0.00450228	2.22019	2.22019	0.00160708	2.59346	2.59346
cg13099417	DIRAS3	0.00103918	0.11266	0.790585	-1.26489	0.000113492	0.397637	-2.51485	0.00115568	0.522235	-1.91485	0.0267215	1.42934	1.42934	0.0184821	0.677867	-1.47522
cg22901840	DIRAS3	0.00141616	0.00468298	3.27697	3.27697	0.247256	1.46514	1.46514	0.46312	0.789945	-1.26591	0.0105777	2.75992	2.75992	0.00214144	3.902	3.902
cg00589412	DIRAS3	0.00147251	0.152193	0.765555	-1.30624	0.000432973	0.379331	-2.63622	0.000609945	0.398611	-2.50871	0.484078	1.13186	1.13186	0.0407936	0.662784	-1.50879
cg17943391	DIRAS3	0.00159196	0.0487824	1.50972	1.50972	0.000177545	3.19941	3.19941	0.898391	1.02366	1.02366	0.249223	1.24663	1.24663	0.0479652	0.661102	-1.51262
cg00448707	DIRAS3	0.00200899	0.0499652	2.74824	2.74824	0.000336882	13.6518	13.6518	0.0123743	4.0885	4.0885	0.171323	1.93219	1.93219	0.00430607	5.61946	5.61946
cg19114595	DIRAS3	0.00229905	0.728975	1.07158	1.07158	0.000354719	3.12649	3.12649	0.0309556	1.65447	1.65447	0.00262474	2.28839	2.28839	0.627981	1.10192	1.10192
cg16148270	DIRAS3	0.00314139	0.0750771	1.18385	1.18385	0.109872	1.15996	1.15996	0.00519592	1.36895	1.36895	0.00061066	1.56758	1.56758	0.363229	1.08281	1.08281
cg21808053	DIRAS3	0.00326987	0.166892	0.78496	-1.27395	0.181135	0.791944	-1.26272	0.350827	1.1709	1.1709	0.0038285	1.89752	1.89752	0.0173105	0.621086	-1.61008
cg27545611	DIRAS3	0.00532017	0.0275707	1.32168	1.32168	0.00102841	0.594112	-1.68318	0.626203	1.05395	1.05395	0.0721288	1.23968	1.23968	0.301724	0.891787	-1.12134
cg13605615	DIRAS3	0.00625101	0.32586	0.907506	-1.10192	0.626603	1.04803	1.04803	0.0228063	0.770534	-1.2978	0.21838	1.13186	1.13186	0.711537	0.965087	-1.03618
cg13208159	DIRAS3	0.00673038	0.474849	0.89159	-1.12159	0.208566	1.23285	1.23285	0.391532	1.14868	1.14868	0.000197229	2.6856	2.6856	0.706528	1.06155	1.06155
cg25755905	DIRAS3	0.00969149	0.484021	0.921618	-1.08505	0.168277	1.18353	1.18353	0.956445	0.993752	-1.00629	0.0804802	1.2492	1.2492	0.552469	1.07141	1.07141
cg12986021	DIRAS3	0.0116419	0.457473	1.1236	1.1236	0.703817	0.94287	-1.06059	0.010604	1.64048	1.64048	0.000583773	2.26782	2.26782	0.503028	0.900613	-1.11035
cg20149168	DIRAS3	0.0135526	0.384446	1.27784	1.27784	0.00453749	2.82793	2.82793	0.0222682	2.12379	2.12379	0.160634	1.50988	1.50988	0.018641	2.19037	2.19037
cg03641225	DIRAS3	0.0212468	0.272714	0.755442	-1.32373	0.353413	0.790911	-1.26436	0.752254	1.0809	1.0809	0.492727	1.18667	1.18667	0.552042	0.8626	-1.15929
cg06191076	DIRAS3	0.0282722	0.231017	0.810469	-1.23385	0.162436	1.28331	1.28331	0.779446	0.95413	-1.04808	0.00362903	1.93152	1.93152	0.364751	0.855758	-1.16856
cg02317907	DIRAS3	0.038778	0.0472806	1.78321	1.78321	0.0584136	1.72452	1.72452	0.0566849	1.73274	1.73274	0.364973	1.26771	1.26771	0.217066	1.39231	1.39231
cg09118625	DIRAS3	0.0402029	0.104353	1.99067	1.99067	0.0108523	3.4572	3.4572	0.0724951	2.1752	2.1752	0.22811	1.63323	1.63323	0.054379	2.33147	2.33147
cg05949203	DIRAS3;DIRAS3	0.000368002	0.221029	0.877618	-1.13945	0.0142544	1.35898	1.35898	0.0177787	1.33969	1.33969	7.41E-06	2.72235	2.72235	0.676066	1.04356	1.04356
cg22500004	DIRAS3;DIRAS3	0.00123179	0.0494894	1.21851	1.21851	0.107619	1.16745	1.16745	0.0312243	1.24967	1.24967	5.36E-05	1.94353	1.94353	0.728451	0.969736	-1.03121
cg19694923	DIRAS3;DIRAS3	0.00347061	0.234006	1.1322	1.1322	0.498674	1.07074	1.07074	0.976233	0.99704	-1.00297	4.22E-05	2.17145	2.17145	0.46897	1.07608	1.07608
cg05392265	DIRAS3;DIRAS3	0.00397616	0.335093	1.13535	1.13535	0.0358335	1.36597	1.36597	0.320194	0.877065	-1.14017	6.31E-05	2.5614	2.5614	0.691389	1.05228	1.05228
cg04097334	DIRC1	0.000359302	0.131283	0.683822	-1.46237	0.0435799	1.71822	1.71822	0.00186646	0.357193	-2.79961	0.00936267	0.463615	-2.15696	0.00365046	0.399636	-2.50228
cg08000644	DIRC1	0.000519999	0.00140993	0.410897	-2.4337	0.101902	1.41128	1.41128	0.00173116	0.423232	-2.36277	0.0111588	0.542262	-1.84413	4.52E-05	0.226592	-4.41321
cg26387064	DIRC1	0.0021258	0.19517	0.725095	-1.37913	0.0447686	0.582482	-1.71679	0.00807658	0.451171	-2.21645	0.034309	0.560309	-1.78473	0.00154468	0.343572	-2.9106
cg26179544	DIRC2	0.000899587	0.331539	1.21351	1.21351	0.00164814	0.418833	-2.38759	0.00492343	0.486961	-2.05355	0.901471	0.976359	-1.02421	0.00411459	0.475487	-2.10311
cg20293716	DIRC2	0.00161056	0.0508587	1.28863	1.28863	0.0257314	1.3525	1.3525	0.0025472	1.61168	1.61168	0.135244	1.20147	1.20147	0.0256941	0.739297	-1.35264
cg10627428	DIRC2	0.00709347	0.00817093	0.281715	-3.54969	0.00089749	0.155596	-6.4269	0.0344839	0.397351	-2.51667	0.443164	0.746295	-1.33995	0.00628971	0.263918	-3.78905
cg16054280	DIRC2	0.0119584	0.788649	1.0528	1.0528	0.0157504	0.567431	-1.76233	0.0303841	0.614268	-1.62795	0.166288	0.753782	-1.32664	0.0208855	0.587221	-1.70294
cg02814805	DIRC2	0.0244413	0.242395	0.637087	-1.56965	0.0173401	0.343749	-2.9091	0.583826	0.815576	-1.22613	0.742481	1.12919	1.12919	0.351571	0.702379	-1.42373
cg27539627	DIRC2;HSPBAP1	0.00282497	0.492437	1.10089	1.10089	0.0149323	1.51084	1.51084	8.59E-05	2.64385	2.64385	0.937502	1.01087	1.01087	0.295227	1.16144	1.16144
cg24981363	DIRC2;HSPBAP1	0.0162074	0.0191411	0.786799	-1.27097	0.207782	0.893743	-1.11889	0.101436	1.16378	1.16378	0.358155	0.923192	-1.0832	0.032985	1.23479	1.23479
cg12442404	DIRC2;HSPBAP1	0.0376201	0.125323	0.765686	-1.30602	0.178864	1.25838	1.25838	0.0347292	1.48607	1.48607	0.782296	0.956401	-1.04559	0.0134852	0.611278	-1.63592
cg26403284	DIRC2;HSPBAP1;HSPBAP1	0.00157897	0.11938	0.873061	-1.14539	0.000593189	1.53112	1.53112	0.932177	1.00686	1.00686	0.0142547	0.784421	-1.27483	0.0507766	0.836305	-1.19574
cg12309703	DIRC3	0.000862828	0.316543	0.785275	-1.27344	0.046182	0.586684	-1.7045	0.00492075	0.41908	-2.38618	0.0783939	1.57841	1.57841	0.000135858	0.214005	-4.67279
cg07502050	DIRC3	0.00148923	0.317474	0.866913	-1.15352	0.564101	0.922575	-1.08392	6.77E-05	0.364976	-2.7399	0.008641	0.629573	-1.58838	0.922192	0.986588	-1.01359
cg01821113	DIRC3	0.00160903	0.00166464	0.291277	-3.43316	0.44635	0.808268	-1.23721	0.0210885	2.13975	2.13975	0.389507	1.27357	1.27357	0.000617669	0.235673	-4.24317
cg25928629	DIRC3	0.00527058	0.2071	0.594046	-1.68337	0.607843	1.22459	1.22459	0.0948075	2.05172	2.05172	0.406533	1.39428	1.39428	0.000709786	0.13279	-7.53069
cg23340935	DIRC3	0.00529378	0.923904	1.06021	1.06021	0.286725	0.508124	-1.96802	0.00235681	0.0745286	-13.4177	0.0033295	0.0866607	-11.5393	0.000826766	0.0458716	-21.8
cg07934818	DIRC3	0.0101477	0.793885	0.948488	-1.05431	0.594578	0.897181	-1.1146	0.0229599	0.577262	-1.73232	0.454731	0.857446	-1.16625	0.000199968	0.283324	-3.52953
cg22245446	DIRC3	0.0127924	0.0164186	0.711472	-1.40554	0.663034	0.950379	-1.05221	0.69321	0.955016	-1.0471	0.158316	0.839397	-1.19133	0.00920585	0.68126	-1.46787
cg18309255	DIRC3	0.013145	0.571924	0.871583	-1.14734	0.673586	0.903074	-1.10733	0.984171	0.995237	-1.00479	0.642139	1.1192	1.1192	0.000165609	0.21344	-4.68515
cg09151613	DIRC3	0.0174888	0.339349	0.812266	-1.23112	0.0858027	1.49314	1.49314	0.166939	0.732635	-1.36494	0.866547	0.965112	-1.03615	0.0119161	0.515507	-1.93984
cg14538944	DIRC3	0.0175305	0.0451885	0.577204	-1.73249	0.344657	1.26212	1.26212	0.0587826	0.600197	-1.66612	0.795309	0.939717	-1.06415	0.000396574	0.259549	-3.85284
cg13765685	DIRC3	0.0235473	0.0554635	0.736664	-1.35747	0.0128401	1.54507	1.54507	0.00632227	1.64977	1.64977	0.664275	1.06341	1.06341	0.0542248	0.73521	-1.36016
cg11770920	DIRC3	0.0330479	0.145304	0.704907	-1.41863	0.0118105	0.495086	-2.01985	0.476347	0.850498	-1.17578	0.0792489	0.646825	-1.54601	0.00907339	0.476422	-2.09898
cg22039960	DIRC3	0.0334931	0.00111201	0.439276	-2.27647	0.549255	0.901435	-1.10934	0.381969	0.857663	-1.16596	0.744888	0.945624	-1.0575	0.513634	1.12012	1.12012
cg06523618	DIRC3	0.0375472	0.113696	0.47925	-2.08659	0.00916602	0.243108	-4.11339	0.534811	0.764421	-1.30818	0.414411	0.700083	-1.4284	0.00706199	0.22583	-4.42811
cg05853194	DIS3;C13orf34;DIS3	0.0165317	0.567359	1.16332	1.16332	0.0968842	1.61099	1.61099	0.388036	0.793339	-1.2605	0.792952	1.07126	1.07126	0.000531319	0.243773	-4.10218
cg04777052	DIS3;DIS3;PIBF1	0.0075436	0.28115	0.706358	-1.41571	0.97169	0.989047	-1.01107	0.207998	0.662328	-1.50982	0.00936049	0.359619	-2.78072	0.13549	0.606936	-1.64762
cg08910551	DIS3;DIS3;PIBF1	0.0147787	0.818697	1.04556	1.04556	0.0142216	0.556077	-1.79831	0.0566517	1.5199	1.5199	0.269465	1.25	1.25	0.958455	0.989943	-1.01016
cg19929646	DIS3;DIS3;PIBF1;PIBF1	0.0362908	0.764742	1.02877	1.02877	0.626237	0.954668	-1.04748	0.246307	0.891723	-1.12142	0.0704427	1.2106	1.2106	0.0138916	0.750299	-1.3328
cg18427905	DIS3L2	0.0001337	0.000874913	0.375714	-2.6616	0.00312017	0.452569	-2.20961	0.00350835	0.459955	-2.17413	0.0287608	1.65842	1.65842	0.0124876	0.543575	-1.83967
cg12237286	DIS3L2	0.00287365	0.0370583	1.52668	1.52668	0.753725	0.946486	-1.05654	0.0370098	0.654921	-1.5269	0.00184326	0.46171	-2.16586	0.0402552	0.660929	-1.51302
cg10330169	DIS3L2	0.00403565	0.23657	0.725371	-1.3786	0.443271	0.81679	-1.2243	0.0243485	0.49921	-2.00317	0.0813328	0.606394	-1.64909	0.0001793	0.193498	-5.168
cg05197660	DIS3L2	0.00492746	0.594523	0.850909	-1.17521	0.16477	1.56107	1.56107	0.641811	1.15117	1.15117	0.228744	0.684139	-1.46169	0.000519118	0.196559	-5.08752
cg09595149	DIS3L2	0.017381	0.0224989	0.413658	-2.41746	0.025263	0.423498	-2.36129	0.455265	0.782217	-1.27842	0.0839429	0.539213	-1.85456	0.000567571	0.17825	-5.61011
cg21736186	DIS3L2	0.0179482	0.0345523	0.577856	-1.73054	0.598319	0.888435	-1.12557	0.31179	0.792284	-1.26217	0.00111576	0.343577	-2.91056	0.162405	0.717575	-1.39358
cg07328664	DIS3L2	0.0187032	0.0787391	0.583051	-1.71512	0.0198295	2.17538	2.17538	0.156377	0.657745	-1.52035	0.0162341	0.443842	-2.25305	0.0100154	0.407247	-2.45551
cg06581158	DIS3L2	0.039287	0.986985	0.99806	-1.00194	0.00601296	1.53302	1.53302	0.0598703	1.28751	1.28751	0.640583	0.94557	-1.05756	0.0461749	1.31247	1.31247
cg26534614	DIS3L2;DIS3L2	0.012227	0.0869867	1.98607	1.98607	0.942271	1.02664	1.02664	0.0800488	0.494078	-2.02397	0.337925	1.43137	1.43137	0.218633	1.59956	1.59956
cg22733135	DIS3L;DIS3L	0.000306734	0.00597015	0.57938	-1.72598	3.19E-05	3.42042	3.42042	0.181852	1.2401	1.2401	0.00498398	0.568702	-1.75839	0.935854	0.987852	-1.0123
cg01340061	DIS3L;DIS3L	0.000340428	0.592553	0.911334	-1.09729	0.448871	1.14185	1.14185	0.833592	0.964485	-1.03682	0.1723	1.28363	1.28363	5.70E-05	0.276926	-3.61107
cg06609430	DIS3L;DIS3L	0.00163239	0.000932094	0.408281	-2.44929	0.171773	1.30178	1.30178	0.181703	1.29306	1.29306	0.027244	0.622683	-1.60595	0.00228218	0.461439	-2.16714
cg12623088	DIS3L;DIS3L	0.0017988	0.700639	1.11938	1.11938	6.59E-05	8.47662	8.47662	0.00053684	4.81759	4.81759	0.475011	1.23625	1.23625	0.102369	1.68516	1.68516
cg05929132	DIS3L;DIS3L	0.00854593	0.978778	0.997888	-1.00212	0.0867876	0.860426	-1.16221	0.0731435	0.853142	-1.17214	0.85066	1.01509	1.01509	0.0575186	0.843059	-1.18616
cg25151688	DIS3L;DIS3L	0.00973998	0.518417	1.40894	1.40894	0.000511106	17.1424	17.1424	0.00181738	10.1889	10.1889	0.375385	1.61028	1.61028	0.0740763	2.83596	2.83596
cg15198335	DIS3L;DIS3L	0.0437479	0.475564	0.840092	-1.19035	0.740074	1.08324	1.08324	0.196666	0.720472	-1.38798	0.0172228	2.0077	2.0077	0.0371352	1.78812	1.78812
cg22367981	DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1	0.000804715	0.000613894	0.242748	-4.1195	0.00264045	0.334263	-2.99166	0.000581165	0.239593	-4.17375	0.000211694	0.185218	-5.39905	0.0972784	0.630683	-1.58558
cg16366945	DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1	0.0356549	0.620631	1.07465	1.07465	0.0215935	0.671574	-1.48904	0.0146269	0.648026	-1.54315	0.320194	0.862238	-1.15977	0.00978309	0.624148	-1.60218
cg09186051	DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1	0.0364123	0.0178688	0.357853	-2.79445	0.424441	0.747368	-1.33803	0.116518	0.543997	-1.83825	0.958975	1.01853	1.01853	0.00575761	0.27477	-3.6394
cg10483534	DISC2;DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1	0.0212391	0.00657897	0.324652	-3.08022	0.00306539	0.274565	-3.64213	0.0197022	0.407399	-2.4546	0.172853	0.62975	-1.58793	0.0855361	0.545594	-1.83286
cg24073755	DISC2;DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1	0.024232	0.438605	1.28351	1.28351	0.0188809	0.407192	-2.45584	0.00760008	0.338046	-2.95817	0.792697	0.920153	-1.08678	0.161573	1.60366	1.60366
cg15150550	DISP1	0.00389214	0.652678	0.880776	-1.13536	0.033745	0.499165	-2.00335	?	?	?	0.000504133	0.217875	-4.5898	0.000495231	0.216971	-4.60892
cg02096552	DISP1	0.0371529	0.0065602	0.235647	-4.24363	0.143176	0.525148	-1.90423	0.0639935	0.426488	-2.34473	0.0126822	0.281342	-3.5544	0.0220026	0.324794	-3.07887
cg14712202	DISP1	0.0460817	0.00347504	0.0969017	-10.3197	0.179725	0.43235	-2.31294	0.378777	0.587792	-1.70128	0.627939	1.33294	1.33294	0.00601281	0.120956	-8.26744
cg10942056	DISP1;DISP1	0.0147843	0.021217	0.285497	-3.50266	0.00159548	0.128765	-7.76611	0.0791013	0.413861	-2.41627	0.289714	0.60818	-1.64425	0.00709207	0.20716	-4.82719
cg13952483	DISP1;DISP1	0.0224977	0.0374439	0.326836	-3.05963	0.00180046	0.127948	-7.81568	0.0862777	0.415739	-2.40536	0.700581	0.836154	-1.19595	0.0127359	0.238477	-4.19327
cg13931752	DISP2	0.000699326	0.0435748	0.473912	-2.1101	0.00109496	4.71023	4.71023	0.169858	1.60081	1.60081	0.0303727	2.26826	2.26826	0.0131927	0.372037	-2.68791
cg24847625	DISP2	0.00138022	0.402309	0.722862	-1.38339	0.00294658	4.69192	4.69192	0.0095191	3.46798	3.46798	0.0648217	2.1928	2.1928	0.0250411	0.364448	-2.74387
cg03416422	DIXDC1	0.00769261	0.789321	0.955934	-1.0461	0.237029	0.811821	-1.2318	0.169614	1.27916	1.27916	0.0102691	0.580209	-1.72352	0.00459676	0.530044	-1.88663
cg14006677	DIXDC1	0.0335324	0.724315	1.23135	1.23135	0.010012	6.75859	6.75859	0.00932381	6.94621	6.94621	0.0312427	4.4166	4.4166	0.967009	1.0246	1.0246
cg13707780	DIXDC1	0.0335354	0.558201	1.1299	1.1299	0.149884	1.37494	1.37494	0.66595	0.91431	-1.09372	0.746419	0.935269	-1.06921	0.335328	0.814711	-1.22743
cg01379412	DIXDC1	0.0422349	0.425579	0.670499	-1.49143	0.746628	1.17265	1.17265	0.329057	1.64031	1.64031	0.0179494	4.10774	4.10774	0.526514	1.37064	1.37064
cg11062672	DIXDC1	0.0477581	0.655668	1.2959	1.2959	0.0028938	10.6481	10.6481	0.0262726	4.58262	4.58262	0.197955	2.19433	2.19433	0.80709	1.15176	1.15176
cg18962750	DIXDC1;DIXDC1	1.83E-06	0.321624	0.914353	-1.09367	0.141359	0.870832	-1.14833	0.000321922	0.60117	-1.66342	0.525161	1.05792	1.05792	3.73E-08	0.180125	-5.55169
cg15925695	DIXDC1;DIXDC1	0.00010741	0.337466	0.714844	-1.39891	0.729715	0.888926	-1.12495	0.0936816	0.534833	-1.86974	0.49871	1.26256	1.26256	0.530198	0.805847	-1.24093
cg05291374	DIXDC1;DIXDC1	0.0108205	0.720771	1.11009	1.11009	0.0153039	2.37834	2.37834	0.00210732	3.51938	3.51938	0.00890265	2.63405	2.63405	0.0880122	0.57819	-1.72954
cg09757109	DIXDC1;DIXDC1	0.013244	0.170983	1.35285	1.35285	0.663606	0.913269	-1.09497	0.423764	0.844198	-1.18456	0.0330648	1.67639	1.67639	0.031348	1.68798	1.68798
cg24601030	DIXDC1;DIXDC1	0.0384608	0.604677	1.14625	1.14625	0.95607	1.01448	1.01448	0.0036333	2.94246	2.94246	0.0127218	2.30904	2.30904	0.933562	1.022	1.022
cg21169203	DIXDC1;DIXDC1	0.0484185	0.152476	0.770252	-1.29828	0.0143798	1.6718	1.6718	0.0843366	1.38434	1.38434	0.858387	1.03089	1.03089	0.0631836	0.700532	-1.42749
cg20321756	DIXDC1;DIXDC1;DIXDC1	0.0332522	0.16508	0.905493	-1.10437	0.0108139	1.23938	1.23938	0.0200145	1.20705	1.20705	0.168925	1.10325	1.10325	0.0889102	1.13405	1.13405
cg09049751	DKC1;DKC1	0.0110978	0.151021	0.726682	-1.37612	0.00240874	0.416032	-2.40366	0.201498	0.755898	-1.32293	0.0290349	0.586332	-1.70552	0.0045201	0.45611	-2.19245
cg01112702	DKC1;DKC1	0.0122415	0.717382	1.14812	1.14812	0.103413	0.508223	-1.96764	0.0461179	0.419626	-2.38307	0.531212	1.27255	1.27255	0.0169107	0.330477	-3.02593
cg27221747	DKC1;DKC1;SNORA56	0.00366726	0.402717	0.794873	-1.25806	0.0503142	0.549836	-1.81872	0.00214815	0.314915	-3.17546	0.306965	0.753124	-1.3278	0.00028419	0.204062	-4.90047
cg14825312	DKC1;DKC1;SNORA56	0.0142702	0.413766	0.761163	-1.31378	0.0014852	0.223779	-4.46869	0.0445989	0.470837	-2.12388	0.0123354	0.3614	-2.76702	0.00327962	0.270135	-3.70186
cg19023236	DKC1;DKC1;SNORA56	0.0168454	0.025551	0.392249	-2.5494	0.0272945	0.398012	-2.51249	0.0432162	0.440299	-2.27119	0.138176	0.56946	-1.75605	0.00225991	0.221513	-4.51441
cg27505756	DKC1;SNORA36A;DKC1	0.00935782	0.33422	0.702599	-1.42329	0.291464	0.678451	-1.47395	0.0368271	0.423398	-2.36184	0.00799791	0.299805	-3.33551	0.00153787	0.198875	-5.02829
cg16531342	DKC1;SNORA36A;DKC1	0.0197467	0.137574	2.2222	2.2222	0.184493	0.49517	-2.01951	0.0799493	0.379027	-2.63834	0.0222397	0.254521	-3.92894	0.0385296	0.302141	-3.30971
cg07829842	DKFZP434H168;GNAO1;GNAO1	0.0025193	0.429441	1.27375	1.27375	0.00820688	2.75805	2.75805	0.121964	1.65347	1.65347	0.260454	1.42205	1.42205	0.307583	0.728454	-1.37277
cg19047292	DKFZP434H168;GNAO1;GNAO1	0.0159084	0.393109	1.35962	1.35962	0.00101866	6.17154	6.17154	0.0860657	1.96214	1.96214	0.0363064	0.418074	-2.39192	0.343429	0.709616	-1.40921
cg27369423	DKFZP434H168;GNAO1;GNAO1	0.0198878	0.948127	0.983235	-1.01705	0.000957159	0.278425	-3.59163	0.539892	1.17499	1.17499	0.0356454	1.88784	1.88784	0.68255	1.11278	1.11278
cg00348762	DKFZP434H168;GNAO1;GNAO1	0.0290668	0.125778	1.26608	1.26608	0.0788244	0.757333	-1.32042	0.444798	0.894998	-1.11732	0.223914	1.19956	1.19956	0.466049	1.11142	1.11142
cg21005457	DKFZP434L187	0.034943	0.0179528	0.396669	-2.52099	0.0281504	0.434484	-2.30158	0.00648901	0.320562	-3.11952	0.314069	0.715508	-1.39761	0.131733	0.592653	-1.68733
cg20573989	DKFZP586I1420	0.0273802	0.180792	0.682951	-1.46423	0.00832004	0.404487	-2.47227	0.0257738	0.491379	-2.03509	0.51076	0.836097	-1.19603	0.0702736	1.72116	1.72116
cg00184279	DKFZP686I15217;DKFZP686I15217	0.000853941	0.662279	0.953878	-1.04835	0.140133	0.843212	-1.18594	0.000398216	0.545762	-1.8323	0.106489	0.827475	-1.2085	0.000279725	0.528098	-1.89359
cg01454349	DKFZP686I15217;DKFZP686I15217	0.0186005	0.0342169	0.493917	-2.02463	0.000768814	0.233586	-4.28107	0.203819	0.681887	-1.46652	0.337658	1.32604	1.32604	0.384726	1.28973	1.28973

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13908149	0.196769	0.691123	-1.44692	0.278049	1.35709	1.35709	0.422892	1.24806	1.24806	0.171731	0.674458	-1.48267	3.53567	4.10349	1.03164	1
cg12184994	0.887488	1.05679	1.05679	0.678723	0.849994	-1.17648	0.785686	0.899108	-1.11221	0.0727422	0.457885	-2.18395	3.5334	8.52029	2.14343	1
cg15551781	0.02516	0.304401	-3.28514	0.144205	0.496235	-2.01518	0.339421	0.644167	-1.55239	0.0461929	0.360493	-2.77398	3.50749	11.0828	2.80867	1
cg07489488	0.478602	1.13234	1.13234	0.0674489	1.42408	1.42408	0.973723	0.994333	-1.0057	0.548671	0.900588	-1.11039	3.48096	1.64117	0.419085	1
cg02531768	0.167231	0.634219	-1.57674	0.455544	1.26498	1.26498	0.737345	1.10971	1.10971	0.938293	0.976339	-1.02423	3.47593	5.26582	1.34661	1
cg20472384	0.373481	1.33198	1.33198	0.0839495	1.82222	1.82222	0.136469	1.65435	1.65435	0.506006	1.23583	1.23583	3.46988	5.41086	1.38611	1
cg26873457	0.999758	0.999731	-1.00027	0.437324	0.495342	-2.01881	0.0138222	14.8455	14.8455	0.379626	2.22359	2.22359	3.44772	42.9258	11.0671	1
cg27568360	0.0428306	2.2465	2.2465	0.448682	1.30743	1.30743	0.017274	2.73723	2.73723	0.137335	1.74299	1.74299	3.42055	6.53044	1.69705	1
cg19026125	0.572344	0.847578	-1.17983	0.0406126	1.98433	1.98433	0.392315	1.2892	1.2892	0.659044	1.13736	1.13736	3.39866	4.52239	1.18279	1
cg05005968	0.875303	1.03642	1.03642	0.043191	1.69876	1.69876	0.624811	1.11883	1.11883	0.747916	0.929171	-1.07623	3.38911	2.78586	0.730671	1
cg14121234	0.840045	1.1282	1.1282	0.00365896	0.0957727	-10.4414	0.396504	0.595576	-1.67905	0.0317104	0.222461	-4.49517	4.42379	24.9592	5.01514	1
cg12753366	0.642148	1.36792	1.36792	0.00551751	0.086996	-11.4948	0.345334	0.521705	-1.91679	0.0253055	0.168598	-5.93127	4.12057	29.2473	6.30923	1
cg10785578	0.120331	0.625736	-1.59812	0.953088	1.0165	1.0165	0.13697	1.56164	1.56164	0.657419	0.883213	-1.13223	3.72729	4.57023	1.08991	1
cg08638582	0.128238	0.775101	-1.29015	6.86E-05	0.323733	-3.08896	0.00206452	1.95872	1.95872	0.00174754	0.500918	-1.99633	20.789	7.90404	0.337958	1
cg25992219	0.0435419	0.541176	-1.84783	0.906919	1.03143	1.03143	0.00365984	0.353559	-2.82838	0.0260719	0.497297	-2.01087	9.27613	10.2822	0.985294	1
cg24862743	0.00351208	0.44664	-2.23894	0.00216926	0.416421	-2.40142	0.0200755	1.77017	1.77017	0.560153	1.12743	1.12743	7.73089	5.07521	0.583541	1
cg00232387	0.23505	0.721869	-1.38529	0.988117	1.00391	1.00391	0.00207917	3.11086	3.11086	0.443549	1.22699	1.22699	7.40484	8.04197	0.965371	1
cg09246948	0.370199	0.769466	-1.2996	0.00231545	0.297631	-3.35987	0.0820967	0.577776	-1.73078	0.00979661	0.394567	-2.53443	5.16812	6.63802	1.1417	1
cg18036235	0.929306	1.01354	1.01354	0.00150051	0.499909	-2.00036	0.512235	0.904189	-1.10596	0.48905	0.898981	-1.11237	3.88383	1.41232	0.323236	1
cg11465163	0.000374682	1.85867	1.85867	0.0650438	1.25325	1.25325	9.05E-05	2.14421	2.14421	0.000803826	1.73532	1.73532	49.4339	9.29685	0.16717	1
cg12070746	0.127462	1.12699	1.12699	0.000699564	1.45494	1.45494	0.329324	1.07576	1.07576	0.022016	1.22047	1.22047	29.3073	2.4421	0.074069	1
cg16314899	0.284994	1.20369	1.20369	0.874169	0.97389	-1.02681	0.00131617	2.18232	2.18232	0.00263963	2.00303	2.00303	22.9916	10.1478	0.392329	1
cg16148134	0.799019	1.03007	1.03007	0.0286053	1.34971	1.34971	0.418502	1.10076	1.10076	0.961314	1.00565	1.00565	17.206	3.67453	0.189832	1
cg13697378	0.453735	1.27276	1.27276	2.59E-05	13.9277	13.9277	0.00132367	4.37531	4.37531	0.0624483	1.94001	1.94001	16.4752	26.0601	1.40602	1
cg24871743	0.00502012	2.18558	2.18558	4.63E-05	5.05395	5.05395	0.000653634	3.00559	3.00559	0.0279475	1.72816	1.72816	12.4383	8.74077	0.624648	1
cg13099417	0.934699	0.988911	-1.01121	0.0976484	1.28055	1.28055	0.672776	1.05951	1.05951	0.0957711	1.28269	1.28269	11.6389	3.41314	0.260668	1
cg22901840	0.00505853	3.22283	3.22283	0.000229495	6.90245	6.90245	0.00105319	4.61789	4.61789	0.0118396	2.69692	2.69692	10.6544	16.8196	1.40326	1
cg00589412	0.00512199	0.525117	-1.90434	0.000638392	0.401199	-2.49253	0.602709	0.912591	-1.09578	0.520572	1.12011	1.12011	10.5355	5.06207	0.42709	1
cg17943391	0.00176535	2.25998	2.25998	0.401601	1.17016	1.17016	0.00167762	2.2757	2.2757	0.0152601	1.7252	1.7252	10.3014	5.46665	0.471708	1
cg00448707	0.0206233	3.52826	3.52826	0.000388316	12.9179	12.9179	0.00211292	7.06116	7.06116	0.0743805	2.45724	2.45724	9.6293	31.1895	2.87913	1
cg19114595	0.0219641	1.72671	1.72671	0.094174	1.44157	1.44157	0.000377561	3.09335	3.09335	0.0125488	1.85351	1.85351	9.25711	5.79143	0.556106	1
cg16148270	0.121892	1.15345	1.15345	0.000490644	1.59187	1.59187	0.112434	0.863173	-1.15852	0.757751	1.02669	1.02669	8.44179	0.969229	0.102056	1
cg21808053	0.351391	1.17067	1.17067	0.00221884	0.494466	-2.02238	0.00550747	1.82122	1.82122	0.14763	0.774722	-1.29079	8.34158	3.5663	0.38003	1
cg27545611	0.142993	1.18353	1.18353	0.00419735	1.50754	1.50754	0.693062	1.04338	1.04338	0.0634768	1.25028	1.25028	7.2006	1.30664	0.1613	1
cg13605615	0.0699593	1.21392	1.21392	0.000191768	1.82405	1.82405	0.855603	1.01758	1.01758	0.386561	1.08863	1.08863	6.85181	0.993326	0.128865	1
cg13208159	0.566055	1.09592	1.09592	0.00252235	1.93905	1.93905	0.53762	1.10357	1.10357	0.0940815	1.33731	1.33731	6.69653	2.64422	0.350991	1
cg25755905	0.370083	1.11142	1.11142	0.000263561	1.98984	1.98984	0.64075	1.05542	1.05542	0.00604819	1.50908	1.50908	5.97008	1.24539	0.185427	1
cg12986021	0.391621	1.14474	1.14474	0.0460822	1.42195	1.42195	0.871849	0.975443	-1.02517	0.0192832	1.54639	1.54639	5.62849	2.11445	0.333929	1
cg20149168	0.0436857	1.89181	1.89181	0.00126446	3.64596	3.64596	0.0238725	2.09839	2.09839	0.125223	1.57814	1.57814	5.35668	6.41265	1.06412	1
cg03641225	0.0472295	0.57248	-1.74679	0.108366	1.53771	1.53771	0.000994809	3.32471	3.32471	0.769746	0.930432	-1.07477	4.60859	4.40513	0.849645	1
cg06191076	0.476242	0.885898	-1.1288	0.00754071	1.77718	1.77718	0.867332	1.02836	1.02836	0.173773	1.27384	1.27384	4.17353	1.84909	0.393824	1
cg02317907	0.00633676	2.47372	2.47372	0.708514	0.908735	-1.10043	0.00800157	2.37762	2.37762	0.0817247	1.63495	1.63495	3.72538	3.83153	0.914216	1
cg09118625	0.0754774	2.15408	2.15408	0.00436472	4.37804	4.37804	0.0312591	2.66438	2.66438	0.197479	1.69602	1.69602	3.67628	8.75535	2.11696	1
cg05949203	0.00542444	1.44962	1.44962	0.00471045	1.46385	1.46385	0.723296	0.96457	-1.03673	0.0173642	1.34173	1.34173	15.5533	2.53638	0.144957	1
cg22500004	0.0501754	1.21759	1.21759	0.000313639	1.67381	1.67381	0.750992	1.02847	1.02847	0.0166555	1.29403	1.29403	11.0887	1.36528	0.109443	1
cg19694923	0.283443	1.11729	1.11729	0.00836511	1.39838	1.39838	0.677985	1.04243	1.04243	0.221508	1.13642	1.13642	8.19445	1.28536	0.139429	1
cg05392265	0.47539	1.09712	1.09712	0.928387	0.988586	-1.01155	0.476619	0.91172	-1.09683	0.0547459	1.3208	1.3208	7.86665	2.03189	0.229593	1
cg04097334	0.07242	0.626478	-1.59622	3.82E-05	0.158423	-6.3122	0.00632605	2.29188	2.29188	0.0139296	0.492329	-2.03116	15.656	13.4931	0.766089	1
cg08000644	0.0415234	0.636202	-1.57183	0.0301891	1.633	1.633	0.543393	0.888385	-1.12564	0.045765	0.64364	-1.55366	14.1358	8.28816	0.521177	1
cg26387064	0.00802182	0.450695	-2.21879	0.000623191	0.290903	-3.43757	0.0144805	2.02752	2.02752	0.0479472	0.588331	-1.69972	9.47183	8.25668	0.774853	1
cg26179544	0.0864875	1.44165	1.44165	0.000299355	3.11542	3.11542	0.748721	0.939807	-1.06405	0.0342637	0.620577	-1.6114	12.1243	7.16488	0.525291	1
cg20293716	0.122909	0.826517	-1.2099	0.000260853	0.504354	-1.98273	0.686414	1.04735	1.04735	0.805099	1.02858	1.02858	10.2669	2.11306	0.182945	1
cg10627428	0.0835481	0.488284	-2.04799	0.00487437	0.24739	-4.0422	0.00822798	0.2822	-3.54359	0.186328	0.591931	-1.68939	6.5878	14.6154	1.97205	1
cg16054280	0.36218	1.19644	1.19644	0.00259795	2.22339	2.22339	0.605677	0.905086	-1.10487	0.542502	0.888647	-1.12531	5.57978	3.24058	0.516242	1
cg02814805	0.344587	0.698553	-1.43153	0.00146057	0.183855	-5.43907	0.00868004	0.291524	-3.43026	0.105489	0.521147	-1.91884	4.39157	9.44483	1.91171	1
cg27539627	0.0948673	0.776414	-1.28797	0.188286	1.21192	1.21192	0.712339	0.950222	-1.05239	0.0522662	0.737598	-1.35575	8.71204	2.62277	0.267601	1
cg24981363	0.3422	0.920564	-1.08629	0.0940696	0.855822	-1.16847	0.00403502	0.721341	-1.38631	0.276016	1.10058	1.10058	5.0493	0.57203	0.100701	1
cg12442404	0.544724	1.10368	1.10368	0.17386	0.792285	-1.26217	0.154291	0.782386	-1.27814	0.0818267	1.36388	1.36388	3.76695	1.54513	0.364605	1
cg26403284	0.0239514	0.805432	-1.24157	0.00263339	0.715779	-1.39708	0.011541	1.28884	1.28884	0.653573	1.03695	1.03695	10.3258	1.05515	0.090832	1
cg12309703	0.00284384	0.383288	-2.60901	0.000342971	0.260367	-3.84073	0.0395519	0.573647	-1.74323	0.571988	1.14261	1.14261	12.2679	10.5882	0.76718	1
cg07502050	0.63148	0.935391	-1.06907	0.0157161	1.50554	1.50554	0.00313584	0.572256	-1.74747	0.231093	0.84062	-1.1896	10.5013	3.17691	0.26891	1
cg01821113	0.058674	1.79621	1.79621	0.881877	1.04162	1.04162	0.0268859	2.05206	2.05206	0.00868932	0.399674	-2.50204	10.2697	12.2317	1.05871	1
cg25928629	0.57459	1.24857	1.24857	0.0130868	3.33603	3.33603	0.0317971	2.678	2.678	0.0342809	0.380327	-2.62932	7.22129	17.5248	2.15718	1
cg23340935	0.702081	1.26517	1.26517	0.00559608	0.107909	-9.26705	0.161019	0.400029	-2.49982	0.304771	0.521835	-1.91631	7.21158	42.7781	5.27277	1
cg07934818	0.732867	0.933141	-1.07165	0.0436058	0.625877	-1.59776	0.293388	0.802399	-1.24626	0.0304124	0.598161	-1.67179	5.88296	3.80112	0.574333	1
cg22245446	0.200904	0.854867	-1.16977	0.00279234	1.61346	1.61346	0.749576	1.03788	1.03788	0.0905166	0.805328	-1.24173	5.45875	1.16501	0.189707	1
cg18309255	0.943089	1.01733	1.01733	0.275301	1.31405	1.31405	0.706202	0.912899	-1.09541	0.586257	0.876124	-1.14139	5.4105	4.96199	0.815203	1
cg09151613	0.429901	1.18545	1.18545	0.00328794	0.429276	-2.3295	0.0895342	1.48474	1.48474	0.0940849	0.677966	-1.475	4.92253	3.47552	0.627595	1
cg14538944	0.393538	0.811377	-1.23247	0.742554	1.08202	1.08202	0.565064	0.870143	-1.14924	0.44678	0.830726	-1.20377	4.9186	4.45561	0.805219	1
cg13765685	0.132382	1.25689	1.25689	0.77067	1.04201	1.04201	0.378868	1.13554	1.13554	0.846232	0.973034	-1.02771	4.4486	1.39671	0.279081	1
cg11770920	0.203533	1.35	1.35	0.579605	1.13329	1.13329	0.573032	0.880432	-1.13581	0.0178881	0.525422	-1.90323	3.948	3.12643	0.703913	1
cg22039960	0.388536	0.859562	-1.16338	0.0535188	1.45573	1.45573	0.615447	1.0906	1.0906	0.442953	0.874629	-1.14334	3.92904	1.82477	0.412827	1
cg06523618	0.105179	0.469243	-2.13109	0.0300316	0.335978	-2.97639	0.220433	0.576607	-1.73428	0.0124635	0.264797	-3.77648	3.76962	10.9044	2.5713	1
cg05853194	0.764758	1.08169	1.08169	0.171175	0.682995	-1.46414	0.341892	1.29209	1.29209	0.106436	0.630456	-1.58615	5.01608	5.4398	0.963977	1
cg04777052	0.0993536	0.570856	-1.75175	0.000156498	0.13423	-7.44987	0.470406	1.25595	1.25595	0.629327	0.8599	-1.16293	6.46226	9.85751	1.35591	1
cg08910551	0.0210217	0.583542	-1.71367	0.297771	1.23299	1.23299	0.761079	0.94254	-1.06096	0.00343153	2.16267	2.16267	5.2062	3.10459	0.530067	1
cg19929646	0.527941	0.941348	-1.06231	0.00552357	1.41157	1.41157	0.917183	0.990217	-1.00988	0.660295	0.959058	-1.04269	3.81666	0.540036	0.125773	1
cg18427905	0.00129617	0.398851	-2.50721	6.85E-05	0.239804	-4.17008	4.02E-05	0.214691	-4.65785	0.000499403	0.343667	-2.90979	20.4815	12.4788	0.541576	1
cg12237286	0.832238	0.963609	-1.03777	0.957816	1.00929	1.00929	0.0209727	0.615481	-1.62475	0.000277174	0.353497	-2.82888	8.66808	4.19238	0.429918	1
cg10330169	0.760531	0.923908	-1.08236	0.0276878	1.96183	1.96183	0.0960437	1.60513	1.60513	0.751363	1.08577	1.08577	7.83151	8.31351	0.943596	1
cg05197660	0.411061	0.776777	-1.28737	0.000518138	0.196467	-5.08992	0.142371	0.62256	-1.60627	0.323414	0.736023	-1.35865	7.37139	10.543	1.27134	1
cg09595149	0.172733	0.625844	-1.59784	0.197624	0.644143	-1.55245	0.562986	1.20788	1.20788	0.733516	0.895504	-1.11669	4.93274	8.14913	1.46849	1
cg21736186	0.0539786	0.614619	-1.62702	0.0679976	0.634571	-1.57587	0.188174	1.36382	1.36382	0.021737	0.541734	-1.84592	4.87985	3.82659	0.697033	1
cg07328664	0.611621	0.868065	-1.15199	0.470193	0.816279	-1.22507	0.278551	1.36523	1.36523	0.0320806	0.49967	-2.00132	4.81259	5.81933	1.07484	1
cg06581158	0.467244	0.915718	-1.09204	0.640844	1.05752	1.05752	0.0991762	1.24004	1.24004	0.0129159	1.44389	1.44389	3.70759	0.831881	0.199442	1
cg26534614	0.00050301	0.138792	-7.20505	0.535268	0.796175	-1.25601	0.901494	0.956041	-1.04598	0.144663	1.7661	1.7661	5.53968	11.5633	1.85543	1
cg22733135	0.000408573	2.34564	2.34564	0.599534	0.922697	-1.08378	0.789138	0.960115	-1.04154	0.170976	1.24778	1.24778	16.3505	5.97113	0.324619	1
cg01340061	0.000941367	0.428286	-2.33489	4.60E-05	0.266324	-3.75483	0.266886	0.819699	-1.21996	0.143155	0.763035	-1.31056	15.8898	7.43473	0.415905	1
cg06609430	0.00435029	0.501205	-1.99519	0.175088	1.29881	1.29881	0.240679	1.24943	1.24943	0.00258051	0.468914	-2.13259	10.2271	5.32353	0.462696	1
cg12623088	0.00570131	2.88178	2.88178	0.531812	1.20309	1.20309	0.244671	1.42661	1.42661	0.09836	1.69761	1.69761	9.94371	13.4224	1.19985	1
cg05929132	0.0327082	0.819878	-1.21969	0.000178754	0.603846	-1.65605	0.301025	0.918359	-1.0889	0.589117	1.04429	1.04429	6.21342	0.621574	0.088922	1
cg25151688	0.0189001	4.43197	4.43197	0.285346	1.788	1.788	0.389975	1.58614	1.58614	0.751228	1.18122	1.18122	5.96058	25.8871	3.86049	1
cg15198335	0.0491292	1.71499	1.71499	0.05049	0.585474	-1.70802	0.687257	1.10208	1.10208	0.21379	1.36942	1.36942	3.5629	3.2548	0.812022	1
cg22367981	0.00993353	0.429872	-2.32628	0.000494946	0.230464	-4.33908	0.254845	0.741715	-1.34823	0.000860059	0.262623	-3.80774	15.3392	14.8241	0.751658	1
cg16366945	0.85663	1.02644	1.02644	0.362829	1.14449	1.14449	0.193021	0.819724	-1.21992	0.0328741	0.697577	-1.43353	3.84124	1.26684	0.293155	1
cg09186051	0.101581	0.527367	-1.89621	0.021023	0.371237	-2.6937	0.497734	0.782126	-1.27857	0.0140259	0.338649	-2.95291	3.81202	7.69358	1.79399	1
cg10483534	0.0282476	0.437895	-2.28365	0.0733518	0.529133	-1.88988	0.652062	0.865286	-1.15569	0.0237512	0.422988	-2.36413	4.60917	7.41838	1.43065	1
cg24073755	0.422661	1.29532	1.29532	0.0164083	2.526	2.526	0.733399	1.11407	1.11407	0.252349	0.685389	-1.45903	4.40469	6.96343	1.40526	1
cg15150550	0.149645	0.648627	-1.54172	0.0544463	0.542529	-1.84322	0.669623	1.12781	1.12781	0.421002	0.79424	-1.25907	8.09059	8.94457	1.10555	1
cg02096552	0.329527	0.662372	-1.50973	0.25305	0.613437	-1.63016	0.339232	0.668157	-1.49665	0.0122427	0.278733	-3.58767	3.78417	10.0431	2.35909	1
cg14712202	0.2945	0.527387	-1.89614	0.369392	0.581301	-1.72028	0.506055	0.672294	-1.48745	0.111882	0.361025	-2.76989	3.49426	19.1646	4.87521	1
cg10942056	0.108467	0.452782	-2.20857	0.0146143	0.256484	-3.89888	0.0113876	0.238491	-4.19304	0.20983	0.54987	-1.81861	5.20556	16.8829	2.88288	1
cg13952483	0.0608673	0.375867	-2.66052	0.0312574	0.310249	-3.22322	0.0248827	0.290413	-3.44337	0.303488	0.610434	-1.63818	4.51908	15.3508	3.01945	1
cg13931752	0.00347364	3.58393	3.58393	0.000177404	7.72728	7.72728	0.0106283	2.81165	2.81165	0.0219309	2.42226	2.42226	13.0145	21.3452	1.45788	1
cg24847625	0.00327092	4.56251	4.56251	0.000335102	8.93703	8.93703	0.0052366	4.0331	4.0331	0.0510645	2.3194	2.3194	10.7333	24.3701	2.01824	1
cg03416422	0.923104	1.01638	1.01638	0.000619491	0.41209	-2.42666	0.0594363	0.699037	-1.43054	0.747545	0.947103	-1.05585	6.42274	2.88067	0.398676	1
cg14006677	0.194636	2.23965	2.23965	0.0128409	6.14697	6.14697	0.0314301	4.40692	4.40692	0.247345	2.03569	2.03569	3.92738	21.4831	4.8623	1
cg13707780	0.0657145	0.653139	-1.53107	0.00114218	0.372853	-2.68202	0.257006	0.783485	-1.27635	0.201058	0.75691	-1.32116	3.92726	2.64606	0.598904	1
cg01379412	0.109976	2.35352	2.35352	0.709212	0.831906	-1.20206	0.00211984	8.34987	8.34987	0.172875	2.03934	2.03934	3.60985	13.7992	3.39791	1
cg11062672	0.0723422	3.18413	3.18413	0.743665	1.20866	1.20866	0.021906	4.89497	4.89497	0.515226	1.46388	1.46388	3.44754	18.2128	4.69586	1
cg18962750	0.593855	0.954024	-1.04819	0.211801	0.891349	-1.1219	0.00857005	1.34076	1.34076	3.66E-06	0.387503	-2.58063	62.8102	7.60671	0.10765	1
cg15925695	0.0488556	0.465979	-2.14602	8.28E-07	0.0114477	-87.354	0.623619	1.18282	1.18282	0.675059	0.866645	-1.15388	21.721	39.6437	1.62234	1
cg05291374	0.83741	1.06162	1.06162	0.344465	0.753245	-1.32759	0.186101	1.50369	1.50369	0.0247829	2.17632	2.17632	5.76297	7.72873	1.19209	1
cg09757109	0.550431	0.882281	-1.13343	0.00127101	0.377332	-2.65019	0.546616	0.881197	-1.13482	0.127979	1.40655	1.40655	5.39724	3.67375	0.605041	1
cg24601030	0.851182	1.05025	1.05025	0.878209	1.04084	1.04084	0.211625	0.707345	-1.41374	0.0354374	1.92477	1.92477	4.08541	4.31548	0.82158	1
cg21169203	0.748982	1.0562	1.0562	0.900753	0.978974	-1.02148	0.0425768	0.671879	-1.48836	0.32402	1.18944	1.18944	3.42969	1.57576	0.408397	1
cg20321756	0.155204	1.10736	1.10736	?	?	?	0.292808	0.929446	-1.07591	0.0806553	1.1387	1.1387	4.00401	0.253349	0.0632739	1
cg09049751	0.611245	0.899108	-1.11221	0.0556788	0.637722	-1.56808	0.168142	0.737324	-1.35626	0.00155634	0.389214	-2.56928	5.71619	3.8969	0.605982	1
cg01112702	0.000869049	0.149777	-6.67659	0.00627012	0.258388	-3.87015	0.537159	0.788634	-1.26802	0.197517	0.595928	-1.67805	5.53755	12.6642	2.03286	1
cg27221747	0.0020382	0.311691	-3.2083	0.367289	1.28182	1.28182	0.841703	0.947805	-1.05507	0.225476	0.710877	-1.40671	8.06027	9.17435	1.01175	1
cg14825312	0.936355	0.974251	-1.02643	0.924752	0.969614	-1.03134	0.97913	0.991492	-1.00858	0.925919	0.970079	-1.03084	5.26667	8.89949	1.50202	1
cg19023236	0.0136091	0.340707	-2.93507	0.0152565	0.349621	-2.86024	0.576635	0.81959	-1.22012	0.0156736	0.351752	-2.84291	4.98468	9.82219	1.75153	1
cg27505756	0.102777	1.88255	1.88255	0.0119751	0.329206	-3.03762	0.467166	1.2998	1.2998	0.0493542	0.451591	-2.21439	6.03711	12.0094	1.76824	1
cg16531342	0.0541351	2.97844	2.97844	0.771192	0.864497	-1.15674	0.472003	0.693988	-1.44095	0.00484159	0.15477	-6.46119	4.72497	18.6583	3.5101	1
cg07829842	?	?	?	0.276518	1.4043	1.4043	0.000156275	0.143482	-6.9695	0.181138	1.53096	1.53096	9.21484	11.674	1.26687	1
cg19047292	?	?	?	0.589236	0.826131	-1.21046	0.351418	1.40076	1.40076	0.560483	1.22912	1.22912	5.79481	9.77602	1.47615	1
cg27369423	0.554603	0.856148	-1.16802	0.134533	0.657517	-1.52087	0.073747	0.59572	-1.67864	0.99672	0.998932	-1.00107	4.71356	5.04095	0.950629	1
cg00348762	0.764057	0.958036	-1.0438	0.0203947	0.671634	-1.48891	0.285975	0.854013	-1.17094	0.00589474	1.67045	1.67045	4.13287	1.3275	0.285517	1
cg21005457	0.0492226	0.485886	-2.05809	0.0235043	0.418972	-2.38679	0.018918	0.400926	-2.49422	0.189899	0.639912	-1.56271	3.86941	6.33573	1.45546	1
cg20573989	0.81043	1.06661	1.06661	0.0662024	1.73842	1.73842	0.564844	1.16902	1.16902	0.0718328	0.583141	-1.71485	4.22089	4.81411	1.01382	1
cg00184279	0.00591044	0.679155	-1.47242	0.00995006	0.704851	-1.41874	0.000131583	0.490235	-2.03984	0.010859	0.709178	-1.41008	12.3038	2.24946	0.162512	1
cg01454349	0.489937	1.22167	1.22167	0.519955	1.20467	1.20467	0.533498	1.19727	1.19727	0.173999	0.661731	-1.51119	4.82154	6.22393	1.14743	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)
cg14134121	DKF2p66d15217;DKF2P66I15217	0.0271971	0.0563118	1.13799	1.13799	1.143938	0.817367	-1.22344	0.2910101	0.8684406	-1.15021	1.36458	1.12636	1.126826	1.183842	1.19621	1.19621
cg14330675	DKF2p43402226	6.65E-05	5.22E-05	0.351851	-2.84211	1.000711686	0.490637	-2.03817	4.42E-05	0.343347	-2.91251	4.74E-05	0.346855	-2.88305	0.000226211	0.616283	-1.62263
cg21100328	DKF2p43402226	0.000100145	0.00188366	0.643219	-1.55468	2.96E-05	0.441128	-2.26691	3.79E-05	0.453435	-2.20539	0.0189822	0.752716	-1.32852	0.000615962	0.590186	-1.69438
cg21629821	DKF2p43402226	0.000205283	0.00585208	0.452352	-2.21067	0.142709	0.707414	-1.41357	0.0173603	0.529084	-1.89006	0.00016921	0.245346	-4.0792	0.423119	0.835449	-1.19696
cg21685734	DKF2p43402226	0.0184306	0.876849	0.946602	-1.05641	0.953071	0.102104	1.021004	0.005910664	0.279624	-3.57623	0.0857839	0.510725	-1.958	0.0832729	0.507372	-1.97094
cg20981928	DKF2p43414192	0.0171696	0.0293086	0.266715	-3.74932	0.005559002	0.153646	-1.58845	0.265407	0.55022	-1.81745	0.134615	0.599156	-1.669093	0.015449708	0.216859	-4.61129
cg03660131	DKF2p43414192	0.0435153	0.148672	0.481931	-2.07498	0.0557922	0.360172	-2.77645	0.206016	0.533326	-1.87502	0.0767826	0.395688	-2.52724	0.001375336	0.122133	-8.91005
cg16357179	DKF2p43414192	0.0382765	0.189191	-5.38566	0.0078867	0.0919159	0.214891	-2.03891	0.1338651	0.332358	-3.00881	0.0132553	0.515328	-1.94134	0.06674942	0.249521	-4.16076
cg12507030	DKF2p43602947	0.0409052	0.237905	0.514656	-1.94265	0.0178725	0.217241	2.75246	0.263176	0.597152	1.87152	0.238843	0.140547	1.80447	0.137059	0.422951	-2.36434
cg13962866	DKF2p68641627	3.72E-05	2.20E-05	0.344369	-2.90386	5.56E-05	0.391516	-2.55418	0.000557332	0.511846	-1.95371	0.6081333	1.06682	1.06682	0.03419978	1.36216	1.36216
cg04193251	DKF2p68641627	7.43E-05	2.02E-05	0.235464	-4.25013	9.76E-06	0.146489	-6.82705	0.000195095	0.597782	-1.97712	0.3708923	1.12564	1.12564	0.03000038	1.30364	1.30364
cg04202955	DKF2p68641627	0.0435463	0.400362	0.854057	-1.17088	0.574812	1.10946	1.10946	0.000650716	0.383633	-2.60666	0.840584	1.0376	1.0376	5.79E-06	0.154209	6.4847
cg04162999	DKF2p68641627	0.0250095	0.00210212	0.197337	-2.76508	0.000329311	0.263349	-3.79877	0.023219197	0.535504	-1.8674	0.432247	0.815563	-1.220551	0.291792	0.743076	-1.34576
cg21483702	DKF2p68641627	0.0202857	0.0202857	0.548368	-1.82939	0.0246396	0.56297	-1.77629	0.784647	1.06057	-2.06057	0.0167779	0.534379	-1.87133	0.00016673	0.380813	-2.62596
cg08508335	DKF2p68641627	0.0122276	0.0110446	0.260552	-3.83801	0.0125668	0.269004	-3.70502	0.020750	0.308179	-3.24486	0.702889	1.17551	1.17551	0.129492	0.500989	-1.99605
cg14083275	DKF2p68641627	0.0140937	0.262341	1.455994	-1.45994	0.0229764	0.264672	-3.77526	0.010312506	0.284644	-3.51453	0.0232753	0.372906	-2.68134	0.00178555	0.268857	-3.72019
cg22937556	DKF2p68641627	0.0284825	0.0109414	0.119195	-8.38959	0.164838	0.372731	-2.6829	0.00532963	0.086720	-11.5313	0.9664441	1.02842	1.02842	0.614039	1.140311	1.140311
cg01872988	DKF2p68641627	0.0290483	0.00372465	0.192764	-5.18908	0.0135519	0.2564	-3.89994	0.0173873	0.356633	-2.80553	0.0211881	0.515328	-1.94134	0.006736042	0.241798	-4.13569
cg02320912	DKF2p68641627	0.0432965	0.0731434	0.384082	-2.60761	0.0607445	0.124563	-2.12454	0.228403	0.518153	-1.92985	0.0238555	0.269464	-3.71107	0.012353	0.368731	-2.71198
cg27395939	DKF2p68624166	4.30E-05	0.000214964	0.367138	-2.72377	0.378736	1.15774	1.15774	0.929597	0.98577	-1.01444	0.00344655	0.525073	-1.9045	0.02402253	0.646241	-1.54741
cg23338700	DKF2p68624166	0.00940778	0.00915234	1.483851	1.483851	0.0998238	0.92485	-1.20448	0.959942	1.00516	1.00516	0.024997	1.33443	1.33443	0.019135	1.338042	1.338042
cg20900519	DKF2p68624166	0.0115822	0.937329	1.01008	1.01008	0.00441184	0.314195	-3.18273	0.0109553	0.378093	-2.64485	0.967181	0.987544	-1.01261	0.006911083	0.344725	-2.90086
cg11600807	DKF2p68624166	0.0120466	0.879021	1.017008	1.017008	0.0138781	0.815782	-1.22582	0.0107552	0.372906	-2.68214	0.0786112	0.610497	-1.63802	0.018661	0.447905	-2.23255
cg19909712	DKF2p68624166	0.0338286	0.181495	0.870484	-1.14879	0.27929	1.11627	1.11627	0.0183443	1.33297	1.33297	0.0286211	0.77685	-1.28725	0.206987	1.13899	1.13899
cg01251546	DKF2p68624166	0.0403793	0.448945	0.67733	-1.47639	0.2334435	1.87908	1.87908	0.99704	0.998129	-1.00187	0.827699	0.756132	-1.32214	0.156224	0.661381	-2.16674
cg16527441	DKF2p67561168	7.03E-06	0.564983	1.0844	1.0844	0.671441	0.960208	-1.05357	0.022355	0.310968	-3.21497	0.29354	1.16388	1.16388	0.0135	1.20414	1.20414
cg02870584	DKF2p76161198	0.0051407	0.121464	0.455928	-2.19333	0.00161971	0.27871	2.87871	0.0419831	2.99315	2.99315	0.00385224	0.16174	-6.18275	0.407488	0.67276	-1.48641
cg07550809	DKF2p76161198	0.0057363	0.40134	1.34263	1.34263	0.185861	0.335155	1.22525	0.0120553	2.02003	2.02003	0.545403	0.604738	1.18246	?	?	?
cg11766552	DKF2p76161198	0.0053774	0.555237	1.15583	1.15583	0.0002597	0.29831	4.29831	0.132737	0.674558	-1.48245	0.103086	0.64871	-1.54152	0.074126	0.613465	-1.63008
cg24009118	DKF2p76161198	0.0099903	0.777374	0.973141	-1.0276	0.839241	0.98068	-1.01197	0.00246797	0.667436	-1.49827	0.0913973	1.19392	1.19392	0.469245	0.931724	-1.07328
cg03695871	DKF2p76161198	0.032612	0.124222	1.340164	1.340164	0.0614742	0.0924227	-1.55922	0.0024076	0.476478	-2.09977	0.0057463	0.72678	-1.37608	0.09477	0.795463	-1.25683
cg19232905	DKF2p76161198	0.0442453	0.141958	0.72651	-1.37646	0.00707853	0.02229	-3.02021	0.3650121	1.23979	1.23979	0.130534	0.718616	-1.39156	0.495065	0.86919	-1.1505
cg08272783	DKF2p77M90652	0.0408231	0.608398	1.15116	1.15116	0.0493525	0.184326	1.84326	0.0023807	3.744984	3.744984	0.0002904	0.145156	6.890566	0.008564	0.611869	1.61869
cg21539081	DKF2p77M90652	0.0097194	0.375646	1.15942	1.15942	0.0120796	0.60103	-1.66381	0.590197	1.09248	1.09248	0.00993043	0.58871	-1.69863	0.379005	0.863694	1.15782
cg16306508	DKF2p77M90652	0.0150378	0.557228	1.09031	1.09031	0.00925847	0.486491	-2.05554	0.316418	0.859955	-1.16285	0.602381	1.07957	1.07957	0.025741	1.4708	1.4708
cg25285797	DKF2p77M90652	0.0294793	0.303931	1.167993	1.1684	0.0928156	0.19838	1.19838	0.0017599	3.657516	3.657516	0.0479726	0.03651	2.258889	0.014907	0.342942	1.37906
cg23745036	DKF2p77M90652	0.0435343	0.725765	0.943766	-1.05959	0.00864998	0.73346	1.73346	0.0200329	0.630516	-1.586	0.365426	1.16513	1.16513	0.657072	0.929197	-1.0762
cg16251546	DKF2p68624166	0.0403793	0.448945	0.67733	-1.47639	0.2334435	1.87908	1.87908	0.99704	0.998129	-1.00187	0.827699	0.756132	-1.32214	0.156224	0.661381	-2.16674
cg02493604	DKK1	0.000543602	0.0109838	0.755827	-1.32305	0.188871	0.10591	1.10591	0.00113398	1.41385	1.41385	0.0403538	1.1868	1.1868	0.05692	0.855749	1.16857
cg02164839	DKK1	0.00558106	0.531684	0.896386	-1.11559	0.9404	0.987172	-1.01299	0.009016688	0.563705	-1.77398	0.963528	0.992523	-1.00753	0.00247026	0.4835	-2.06825
cg01160882	DKK1	0.0116163	0.805727	1.0844	1.0844	0.0408423	0.73741	1.73741	0.0013625	3.162	3.162	0.0002	0.16629	6.014286	0.004702	0.473058	2.11408
cg02493604	DKK1	0.000543602	0.0109838	0.755827	-1.32305	0.188871	0.10591	1.10591	0.00113398	1.41385	1.41385	0.0403538	1.1868	1.1868	0.05692	0.855749	1.16857
cg27412220	DKK1	0.0237388	0.112956	0.59992	-1.66703	0.0139592	0.1321	1.8321	0.0134262	2.13522	2.13522	0.0166607	1.2523	1.2523	0.0526404	0.754703	1.32495
cg25445948	DKK1	0.0433338	0.0530328	0.821135	-1.21783	0.757128	0.971952	-1.02886	0.0158954	1.30306	1.30306	0.35395	1.08925	1.08925	0.949449	1.0057	1.0057
cg25751172	DKK1	0.0434613	0.258528	0.704975	-1.41903	0.0954639	0.068997	-1.116	0.102537	1.64766	1.64766	0.544377	0.904094	1.15717	1.15717	0.017622	1.49599
cg12518147	DKK1	0.0454981	0.00785956	0.464539	-2.15267	0.922816	0.97845	-1.02202	0.132906	1.43977	1.43977	0.0599704	0.620504	1.61133	1.61133	0.029444	1.49833
cg09445939	DKK1_DKK1	0.0117199	0.114611	1.31899	1.31899	0.165335	1.26968	1.26968	0.0450624	1.44924	1.44924	0.872546	1.02624	1.02624	0.989721	1.00208	1.00208
cg00594011	DKK2	0.0167	0.0396587	0.614742	0.614742	0.0054892	0.122	-1.55922	0.0024076	0.476478	-2.09977	0.0057463	0.72678	-1.37608	0.09477	0.795463	-1.25683
cg14129775	DKK2	0.0313394	1.26365	1.26365	1.666-05	0.29334	0.29334	0.00476259	0.34274	0.464094	0.59269	0.326665	0.796712	1.25516	0.114296	0.68011	-1.47035
cg03504605	DKK2	5.02E-05	0.0686449	0.795911	-1.15163	0.827676	0.0318	1.03938	0.4515611	0.889622	-1.12407	0.155143	1.2611	1.2611	0.383281	1.14005	1.14005
cg17362052	DKK2	0.000103637	0.00153044	0.42773	-2.33846	0.0001	0.108832	1.08832	0.0017708	1.1251	1.1251	0.0956432	1.24396	1.24396	0.043603	1.09581	1.09581
cg24874180	DKK2	0.0003183	0.102175	1.49435	1.49435	6.52E-05	5.18797	1.18797	0.000166612	0.42061	0.42061	0.0263951	1.80623	1.80623	0.373733	1.24856	1.24856
cg02034675	DKK2	0.0004423	5.75E-06	0.25218	-3.96512	0.0006414	0.662604	1.50906	0.010552	2.31653	2.31653	0.0016578	0.67525	1.480227	0.000502	2.12353	2.12353
cg01404615	DKK2	0.0012834	0.604164	1.18663	1.18663	0.800031	1.08659	1.08659	0.2931155	1.42874	1.42874	0.2278	0.660868	-1.51316	0.543121	0.817596	1.2231
cg25620944	DKK2	0.0013144	0.319471	0.583597	-1.70792	0.183965	0.20587	2.09587	0.040313	1.56386	1.56386	0.473119	1.46025	1.46025	0.180481	0.475758	2.10191
cg01421943	DKK2	0.0017685	5.73E-05	0.0407274	-24.5535	0.830293	1.0964	1.0964	0.00125747	0.132735	-7.53382	0.126579	0.492318	-2.03121	0.112598	0.476816	2.09725
cg17307558	DKK2	0.00571927	0.216824	0.49281	-2.02918	0.0749053	2.94515	2.94515	0.01745078	4.83445	4.83445	0.0556271	3.25769	3.25769	0.017358	0.206468	-4.84336
cg04777988	DKK2	0.0188707	0.4524861	0.77426	-1.29147	0.3502458	0.20244	1.20244	0.3123	0.6098958	0.6098958	0.134495	0.24825	2.02825	0.415851	0.24825	4.02825
cg03903991	DKK2	0.0406639	0.302146	1.15408	1.15408	0.00419007	0.6724	1.6724	0.384833	1.12687	1.12687	0.0240412	1.43449	1.43449	0.874686	1.02138	1.02138
cg26955850	DKK2	0.0167	0.176125	0.749434	-1.33434	0.0151211	0.63516	1.63516	0.0145356	2.68167	2.68167	0.0473354	1.38724	1.38724	0.638107	1.07356	1.07356
cg01471384	DKK2_DKK2	7.42E-05	0.70455	1.07209	1.07209	3.31E-05	4.35835	4.35835	4.02E-05	4.19309	4.19309	0.202944	1.27839	1.27839	0.978266	1.00499	1.00499
cg13139972	DKK2_DKK2	0.0002462	0.827262	1.12488	1.12488	0.000367576	21.5784	21.5784	0.601009	1.32858	1.32858	0.52347	1.41645	1.41645	0.566275	0.731857	-1.36639
cg08434116	DKK2_DKK2	0.0002462	0.356676	1.23226	1.23226	0.0001	0.192856	1.92856	0.0010076	1.3431	1.3431	0.210051	1.32266	1.32266	0.156235	1.27158	1.27158
cg20950301	DKK3;DKK3;DKK3	0.0118431	0.791249	0.959832	-1.04185	0.0448958	1.42725	1.42725	0.00200519	1.96183	1.96183	0.0330859	1.46973	1.46973	0.422161	0.880985	-1.13509
cg26135273	DKK3;DKK3;DKK3	0.0158563	0.0165982	0.213197	-4.69193	0.0399288	0.152056	1.152177	0.0110102	0.844603	1.18772	0.0115544	1.96023	1.96023	0.0972735	0.510205	-1.96004
cg01286655	DKK3;DKK3;DKK3	0.0216495	0.151162	0.737123	-1.35663	0.14248	1.36697	1.36697	0.370289	0.833251	-1.20012	0.0311813	0.60569	-1.65101	0.0836092	0.684079	1.46182
cg20973347	DKK3;DKK3;DKK3	0.0248138	?	?	?	0.044532	2.56955	2.56955	?	?	?	?	?	?	?	?	?
cg08662017	DKK3;DKK3;DKK3	0.0158737	0.21496	0.577592	-1.73133	0.0254866	0.0373	2.00373	0.020025251	2.160999	2.160999	0.0473	2.2112	2.2112	0.147893	0.502597	-1.98997
cg05106294	DKK3;DKK3;DKK3	0.0297206	0.946506	0.963328	-1.03807	0.883348	0.08518	2.08518	0.0176261	0.200349	-4.99128	0.415805	0.629338	-1.58897	0.050335	0.126724	7.89518
cg17039391	DKK3;DKK3;DKK3	0.0301028	0.0846453	0.391264	-2.55594	0.0124672	0.0124	2.0124	0.0027421	0.53005	1.88679	0.0023118	0.357368	-2.79423	0.000473	0.279445	-3.57805
cg18184826	DKK3;DKK3;DKK3	0.0414317	0.974728	0.01075	1.01075	0.60691	1.15608	1.15608	0.170519	0.611061	-1.63648	0.04315	2.19269	2.19269	0.327606	0.711043	1.40639
cg22082397	DKK3;DKK3;DKK3;DKK3	0.0236187	0.0132626	0.18417	1.83417	0.149024	1.36251	1.36251	0.65371	1.09335	1.09335	0.723601	1.0727	1.0727	0.928786	1.002782	-1.01782
cg19867649	DKK3;DKK3;DKK3;DKK3	0.0280329	0.4760682	0.849408	-1.2577	0.28987	1.0967	1.0967	0.2940296	1.15189	1.15189	0.375479	0.800016	1.2496	0.1884	0.7245	1.38049
cg09184899	DKK4	0.00786697	0.582345	0.877997	-1.13896	0.00355774	0.396065	-2.52484	0.0258079	0.537919	-1.85902	0.599382	1.1322	1.1322	0.000279214	0.248473	4.02458
cg01445131	DKK4	0.00844012	0.0200201	0.513883	-1.94596	0.0127152	0.521252	1.91848	0.0026342	0.347073	-2.88171	0.0221317	0.740073	-1.35107	0.0046182	0.354579	2.82035
cg02571142	DKK4	0.0401149	0.0142012	0.360049	-2.77463	0.714698	1.13184	1.13184	0.100168	0.54464	-1.83607	0.105485	0.550674	-1.81596	0.0567187	0.483094	2.06999
cg04309044	DKK5	0.00421926	0.0972948	0.643558	-1.55367	0.0072965	0.217289	4.50878	0.0607901	0.414418	-2.41413	0.110781	0.494154	-2.02353	0.0054191	0.229205	4.36448
cg09984896	DKK1	0.0147541	0.382787	2.61242	0.0993376	0.329333	-3.03644	0.0317399	0.210701	0.47043	-2.12653	0.0437153	0.746686	-1.33925	0.0583105	0.268357	3.72638
cg21589115	DKK1;DKK1;TEAD2	0.0146387	0.184787	1.32872	0.429083	0.773003	-1.29366	0.269967	1.4425	0.033106	2.2136	0.2136	0.256581	0.815753	1.22586	0.112431	8.89496
cg27024876	DKK1;DKK1;TEAD2	0.0146433	0.0864653	1.91242	0.0276474	0.764134	1.42718	1.42718	0.0724721	0.130751	1.53005	0.0127464	0.357368	-2.79423	0.000473	0.279445	-3.57805
cg05022225	DKK1;TEAD2	0.0020494	0.1180098	0.4646436	-2.15222	0.130605	0.09029	2.09029	0.00137013	8.14851	8.14851	0.669135	0.823508	-1.21432	?	?	?
cg21008858	DKK1;TEAD2	0.0020494	0.0557386	0.6814	-1.46756	0.0127761	0.1002	1.9002	0.0015317	0.16176	0.16176	0.0127273	0.743237	-1.34543	0.0149004	0.179528	5.56972
cg26727980	DKK1;TEAD2	0.0020509778	0.47831	2.23761	1.23761	0.45613	-1.2761	0.24767	0.69479	-1.14295	-1.42965	0.86555	0.987309	-1.01285	?	?	?
cg21506903	DKK1;TEAD2	0.00122956	0.925515	1.01765	1.01765	0.403632	1.17335	1.17335	0.256452	1.24804	1.24804	0.139871	1.34606	1.34606	0.0538217	1.50611	1.50611
cg05088512	DKK1;TEAD2	0.00122956	0.0199821	0.49435	-2.02284	0.0115581	0.1241	1.9241	0.0010707	0.16176	0.16176	0.0127273	0.743237	-1.34543	0.0149004	0.179528	5.56972
cg22343646	DKK1;TEAD2	0.0145509	0.608494	0.873114	-1.14769	0.726092	1.08932	1.08932	0.8834	1.03989	1.03989	0.640978	1.22189	1.22189	0.913	1.03989	1.38615
cg13372047	DKK4	0.0013695	0.967501	0.990042	-1.00997	0.512388	1.08398	1.08398	0.585308	0.894306	-1.11819	0.0281897	0.722436	-1.38421	0.0038029	0.612814	-1.63181
cg11330098	DKT	0.00788818	0.00294394	0.13659	-7.32097	0.9609327	0.16164	0.205251	0.702313	-1.42387	0.484453	0.12309	0.213103	-4.69237	0.00231	0.00213071	0.316341
cg06437417	DLD	0.01275 12	0.0047654	0.314245	-3.18223	0.722606	0.11639	0.34972	0.720265	-1.38838	0.0469203	0.495298	0.210899	0.874035	0.0144839	0.344987	-2.89866
cg09935822	DLD	0.0230607	0.0023	0.2	-5	0.0884	0.2636	3.79528	0.0027	0.2636	3.79528	0.0027	0.2636	3.79528	0.0027	0.2636	3.79528
cg06966040	DLD	0.0382515	0.0158241	0.53346	-1.87456	0.0734125	0.654207	-1.52857	0.308808	0.799393	-1.25095	0.827991	0.954798	-1.04734	0.009174	0.449545	-2.02043
cg01056121	DLD	0.0435622	0.0020104	0.179412	-5.57243	0.0001	0.109346	1.09346	0.0014855	0.178991	0.178991	0.0128702	0.752941	-1.32813	0.0158782	0.511318	1.95573
cg27191019	DLAT	0.0436507	0.329193	0.65741	-1.65087	0.0985267	0.46423	0.46423	0.0383623	1.30029	1.30029	0.156564	0.470304	-2.12629	0.179268	0.491939	-2.03277
cg08065721	DLAT	0.0485762	0.858014	0.90822	-1.10105	0.372442	0.611246	-1.636	0.189781	0.473971	-2.10984	0.0100959	0.174652	-5.72566	0.0288229	0.25013	-3.99792
cg16406461	DLAT	0.0435622	0.0020104	0.179412	-5.57243	0.0001	0.109346	1.09346	0.0014855	0.178991	0.178991	0.0128702	0.752941	-1.32813	0.0158782	0.511318	1.95573
cg23682255	DLC1	0.0007959	0.0007959	0.076938	-12.9996	0.0081646	0.745834	1.34078	0.0164576	0.775787	-1.28901	0.484677	0.940945	-1.06344	0.0373544	0.811746	-1.23191
cg26148201	DLC1	0.0012535	0.0027553	0.264766	-3.77648	0.0001	0.176468	5.66566	0.0001	0.183379	0.0002	0.0002	0.124711	0.802262	0.0001	0.0001	0.0001
cg03184452	DLC1	0.0019652	0.007449	0.480996	-2.04083	0.0315708	0.68512	1.68512	0.373185	0.82759	-1.20833	0.0315004	0.593258	-1.68561	4.69E-05	0.2040474	4.90018
cg16643422	DLC1	0.0025165?	0.0878407	0.706267	-1.4159	0.0103288	0.181564	1.81564	0.769054	0.947103	1.0555	0.0005141267	0.3705	-2.69005	0.0001405124	0.408132	2.45019
cg20744108	DLC1	0.0168123	0.0039774	0.4	-2.5	0.612139	0.764334	1.76434	0.0166	0.5645	1.77112	0.0318264	0.665445	-1.50262	0.0855172	0.30644	3.26356
cg13007701	DLC1	0.0192102	0.162142	0.666604	-1.50014	0.00451583	0.79631	1.79631	0.955008	1.01545	1.01545	0.710635	0.903698	-1.10656	0.002698889	0.324208	3.08444
cg25650079	DLC1	0.0435623	0.0020104	0.179412	-5.57243	0.0001	0.109346	1.09346	0.0014855	0.178991	0.178991	0.0128702	0.752941	-1.32813	0.0158782	0.511318	1.95573
cg14449076	DLC1;DLC1	3.66E-05	0.190683	0.825398	-1.21154	0.0069182	0.616283	-1.6263	0.000307373	0.444208	-2.2512	0.143305	0.804283	-1.24334	5.01E-07	0.142827	7.00149
cg26326560	DLC1;DLC1	0.00124886	0.0137623	0.413752	-2.4169	0.000153228	0.152461	-6.55906	0.000431613	0.199195	-5.0202	0.981985	1.00656	1.00656	0.002508325	0.296282	-3.37517
cg03241156	DLC1;DLC1	0.00345153	0.0015582	0.247236	-4.04783	0.0393794	0.424264	-2.3572	0.0034153	0.4395	-2.27482	0.0001669	0.2683	-3.72778	0.0008753	0.2683	-3.72778
cg04479076	DLC1;DLC1	0.0034547	0.0347764	0.317201	-3.15258	0.0603225	0.190289	-5.25516	0.00201233	0.13088	-7.64059	0.0159821	0.252483	-3.96066	0.0011196	0.106549	-9.38539
cg03704029	DLC1;DLC1	0.0035338	0.0209439	0.4	-2.5	0.0390055	0.57613	-1.73613	0.0004773	0.124236	0.1189	0.375479	0.880016	-1.13637	0.0002645	0.2203	-4.53917
cg00933411	DLC1;DLC1	0.00924157	0.0728389	0.584818	-1.70993	0.00246565	0.09158	3.09158	0.0128638	0.436894	-2.28888	0.811564	0.937979	-1.06612	0.0185499	0.465159	2.1498
cg06164608	DLC1;DLC1	0.0106645	0.214754	1.16606	1.16606	0.065711	0.784308	-1.27501	0.063474	0.127825	0.127825	0.245702	0.866902	-1.15353	0.310382	0.125217	1.25207
cg26244164	DLC1;DLC1	0.0108201	0.0046853	0.51984	-1.92411	0.0184457	0.171613	-5.79133	0.0003792	0.0763	0.0763	0.0002	0.0763	-13.1044	0.0002	0.0763	-13.1044
cg22452650	DLC1;DLC1	0.0409873	0.703124	0.945457	-1.05769	0.0123589	0.633669	-1.57811	0.0963299	1.30664	1.30664	0.344533	1.15329	1.15329	0.925831	1.01373	1.01373
cg26360930	DLC1;DLC1;DLC1	0.0124603	0.0031829	0.65422	-1.52883	0.0001	0.108448	1.08448	0.0001	0.109346	0.109346	0.0001	0.108448	1.08448	0.0001	0.109346	0.109346
cg05226008	DLC1;DLC1;DLC1;DLC1	0.0148211	0.331829	0.65422	-1.5028	0.97408	0.987034	-1.01314	0.0543799	0.411433	-2.43053	0.0452292	0.214547	-4.66098	0.00573341	0.229135	4.36423
cg01025762	DLD	0.0013076	4.19E-05	0.51569	-1.93797	0.268629	1.09757	1.09757	0.1337151	1.08039	1.08039	0.849613	1.01069	1.01069	0.052339	0.93955	1.04248
cg11734518	DLD	0.00790075	0.0472301	0.836536	-1.19541	0.928157	0.962874	-1.03856	0.3775185	0.821281	0.821281	-1.60957	0.6155332	1.37416	1.37416	0.00105204	0.130906	-7.63907
cg11674863	DLD	0.0416247	0.0724199

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	t
cg11077561	DLG1;DLG1	0.000038865	0.00344889	-3.384766	2.59898	3.044926	1.90493	1.90493	0.00061782	2.36041	2.36041	2.046788	1.3381	1.3381	0.0005306	0.613728	-1.62939	0.190082	0.726239	-1.39618	0.0372116	0.558984	1.38895	2.18E-05	7.77796	7.77796	0.0928465	0.641026	1.56	16.3226	14.9509	0.814189	1
cg25830660	DLG1;DLG1	0.000507315	0.959074	0.994253	-1.00578	0.087442	1.23603	1.23603	0.617791	1.05813	1.05813	0.567683	1.06702	1.06702	0.368596	1.10483	1.10483	0.327606	0.892708	-1.12019	0.714054	0.0422	1.4422	4.54E-06	3.26488	3.26488	0.467244	0.920277	-1.08663	14.233	2.84345	0.177581	1
cg05137587	DLG1;DLG1	0.00169115	0.338071	0.774156	-1.29173	0.189778	1.43333	1.43333	0.857415	1.04772	1.04772	0.644633	1.12793	1.12793	7.93E-05	0.157468	-6.3505	0.108472	0.635179	-1.57436	0.00094912	0.278839	-3.5863	0.195977	1.42539	1.42539	0.084461	0.609752	-1.64001	10.123	10.7721	0.94588	1
cg12149391	DLG1;DLG1	0.008101107	0.278467	0.782173	-1.27848	0.0994731	1.04779	1.04779	0.204762	1.3387	1.3387	1.03116681	1.73407	1.73407	0.143272	0.709664	-1.40906	0.159147	1.11658	1.12E-07	0.218387	0.354087	-1.82617	0.000604151	3.16556	3.16556	0.951877	1.03124	1.03124	6.31912	4.75674	0.669115	1
cg09097939	DLG1;DLG1	0.01115556	0.001470045	0.564682	-1.77091	0.741863	1.04201	1.04201	0.0482521	1.32443	1.32443	0.628486	1.06258	1.06258	0.02521373	0.717982	-1.39279	0.0981972	0.7978837	-1.25332	0.265609	1.15536	1.15536	0.561427	1.07583	1.07583	0.0488083	1.32326	1.32326	7.50662	1.40057	0.21816	1
cg09712591	DLG1;DLG1	0.00189664	0.7182098	1.137661	1.137654	0.3597534	0.715162	-1.39328	0.01848586	0.861465	0.861465	-2.76652	0.3155227	1.447	1.447	0.00370673	0.2475468	-4.03929	0.1880968	0.607743	-1.64543	0.00958157	0.31104	-3.21502	0.424536	1.33092	1.33092	0.0310109	0.405953	-2.46334	4.78993	0.6163	1.78464	1
cg15160312	DLG1;DLG1	0.0225422	0.417119	0.901068	-1.10979	0.1836251	1.19389	1.19389	0.000945623	1.85766	1.85766	0.3314554	0.881721	-1.13415	0.322498	0.879515	-1.13699	0.108018	0.802285	-1.24644	0.90694	0.1048	1.0148	0.792312	0.967392	-1.03371	0.1247893	1.23214	1.23214	4.51601	1.12875	0.222173	1
cg14958505	DLG1;DLG1	0.265517	0.779582	-1.28187	0.00166345	1.510641	1.91264	1.91264	0.02099004	1.76948	1.76948	0.6908263	0.567546	-1.76197	0.5166222	1.15001	1.15001	0.291176	1.2772	1.2772	0.804274	0.946212	-1.05695	0.052630872	2.2785	2.2785	0.551995	1.143486	1.143486	4.17322	3.29779	0.702424	1
cg07735760	DLG1;DLG1	0.0338092	0.792844	1.05878	1.058792	0.8589201	0.629459	-1.58867	0.514438	0.866128	-1.1543	0.3081513	1.25734	1.25734	0.03257345	0.450791	2.21832	0.00982314	0.492481	2.03053	0.19081	0.7503	1.33255	0.0340402	1.584559	-1.74069	0.315758	1.71069	3.91578	2.92073	0.663012	1
cg20842211	DLG1;DLG1	0.03780228	0.8523692	1.054513	1.054513	0.5594525	0.545351	-1.83368	0.42561	1.26095	1.26095	0.0345795	2.01837	2.01837	0.158979	1.53578	1.53578	0.175311	0.663141	-1.50797	0.292909	0.732742	-1.36474	0.688578	0.891528	-1.12167	0.0067345	0.367402	-2.72181	3.76028	4.83711	1.14344	1
cg14244865	DLG1;DLG1	0.3038123	0.4980614	1.145656	1.145656	0.3424154	1.52534	1.52534	0.2114264	1.62878	1.62878	0.184241	1.58651	1.58651	0.09905	0.605151	1.85547	0.1649547	1.18068	1.542866	0.0018596	4.328001	1.22348	0.0018596	4.328001	1.22348	0.313568	0.710826	1.56	5.084575	1.50976	1	
cg02139088	DLG1;DLG1;DLG1;DLG1	0.00112515	0.0359666	1.6041	1.6041	0.4203311	0.72977	1.2129	0.0492067	1.54472	1.54472	0.291838	0.809089	-1.23596	0.46431	1.15519	1.15519	0.763819	1.06011	1.06011	0.67E-05	0.200346	-4.99137	0.078126	1.461	1.461	0.492388	0.873671	-1.1446	11.3788	6.76119	0.52817	1
cg02993048	DLG2	0.00185165	0.0416566	-2.1999	0.2283442	0.8928817	1.45651	0.65107297	0.425918	-2.36133	0.3496518	0.809762	-1.15883	0.003315898	0.554238	-2.62296	0.000587516	0.388659	-1.52156	0.7582557	1.05142	1.05142	0.34034	0.8083635	-1.34455	0.0421105	0.659401	-1.51653	10.1863	5.10176	0.445195	1
cg05174766	DLG2	0.00394318	0.0259002	0.435596	-2.2957	0.132104	0.583813	-1.71288	0.0241263	0.429547	-2.32803	0.333264	0.730801	-1.36836	0.000475562	0.178353	5.60687	0.104961	0.573079	-1.74496	0.880699	0.953904	-1.04832	0.006169964	0.325473	-3.07245	0.000542396	0.184587	-5.41751	7.88641	12.3129	1.39005	1
cg09411876	DLG2	0.00885972	0.0136008	2.1751	2.1751	0.828505	0.94628	-1.05677	0.0294865	0.52074	-1.92034	0.731023	0.19181	1.09181	0.222773	1.38554	1.38554	0.190118	0.702438	-1.42361	0.000793496	0.725225	0.63107	-1.58482	0.0036005	0.255425	3.91707	0.0001	0.000145	0.000145	0.000145	0.000145	1
cg02144470	DLG2	0.00121627	0.3151998	1.1761711	-1.39031	0.8364023	0.915585	-1.06885	0.545326	0.821192	-1.21774	0.632684	0.856365	-1.16773	0.0849481	1.53002	1.53002	0.681586	0.875599	-1.14208	0.00360658	0.158458	-6.31083	0.169922	1.60163	1.60163	0.0907683	0.548801	-1.82215	5.67806	3.52584	1.45979	1
cg22907295	DLG2	0.01211195	0.122814	0.563296	-1.77526	0.280771	1.46941	1.46941	0.027127	0.407406	-2.45456	0.92907	0.9698899	-1.03104	0.00428458	0.269396	-3.71201	0.518366	1.25204	1.25204	0.00236438	0.233236	-4.28751	0.128725	1.75703	1.75703	0.241955	0.656764	-1.52262	5.5556	10.3692	1.65905	1
cg25720969	DLG2	0.0176711	0.0370084	0.407931	-2.45098	0.1638127	1.54073	1.54073	0.14927	0.2225937	0.3660208	-2.73756	0.00344579	0.224991	-4.44451	0.00146484	0.178158	-5.61208	0.329983	0.685568	-1.45864	0.089426	0.499873	-2.02331	0.129981	0.540055	-1.85166	0.0853766	0.49012	-2.04052	4.90543	10.9562	1.98532	1
cg09978105	DLG2	0.04698817	0.3637444	1.27903	1.27903	0.9818227	1.10602	1.10602	0.0206098	0.153418	0.654215	0.2594159	0.4914529	0.817418	-1.22336	0.00546996	0.182	-2.57178	0.76135	0.932585	-1.07356	0.352035	2.19933	0.74429	0.917321	-1.09013	0.446892	3.81943	0.978703	1	
cg02692785	DLG2;DLG2	0.000233115	0.0065251	0.496188	-2.01536	0.00423851	2.13614	2.13614	0.014472	0.550229	-1.81743	0.124598	0.7191664	-1.3905	0.00502383	0.479094	-2.08727	0.00851049	0.513866	-1.94603	0.000348602	0.319775	-3.1272	0.00224902	2.33486	2.33486	0.00121591	2.55704	2.55704	17.6223	10.9718	0.553429	1
cg01180167	DLG2;DLG2	0.002637211	0.0279097	0.4154899	-2.40675	0.0585324	1.57467	1.57467	0.0135448	0.574995	-1.74005	0.655884	0.9697271	-1.03095	0.00828468	0.390802	-2.55845	0.5044599	1.13463	1.13463	0.7234961	0.9355066	-1.06848	0.0285411	1.639655	-1.61903	0.00295878	0.467313	-2.13989	8.89294	4.89603	0.489505	1
cg14716968	DLG2;DLG2	0.00314774	0.743037	1.15633	1.15633	0.0826319	0.163378	-6.12077	0.0474412	0.367415	-2.72172	0.458084	1.39739	1.39739	0.00298684	0.112703	-8.87288	0.115532	0.469816	-2.12849	0.000599461	0.096241	-10.3906	0.0297649	0.323253	-3.09355	0.0178506	0.246296	2.74458	1	
cg18023263	DLG2;DLG2	0.0315571	0.1869072	1.53383	1.53383	0.1031447	0.557249	1.79519	0.0035281	0.180704	5.54924	0.0017585	0.1837278	5.44276	0.00178586	0.122925	8.13599	0.0095099	2.67171	2.67171	0.0129703	0.59656	2.59656	0.0708884	1.814468	1.814468	0.116098	0.799793	2.54269	2.54269	0.399539	1
cg21578457	DLG2;DLG2	0.0202971	0.388975	0.662817	-1.50871	0.000522452	0.0805247	-12.4185	0.252691	0.57319	-1.74462	0.220971	1.82094	1.82094	0.108704	0.531171	1.88263	0.204614	0.536052	-1.86549	0.657392	0.812267	-1.23112	0.0507186	0.354515	-2.82076	0.542176	1.33297	1.33297	4.68103	16.0867	3.05474	1
cg01966922	DLG2;DLG2	0.0285292	0.546524	0.744972	-1.34233	0.000547123	0.0749588	-13.3407	0.322509	0.610758	-1.63731	0.255703	1.77263	1.77263	0.407266	0.664315	1.50531	0.475019	0.704348	-1.41975	0.486649	0.711048	-1.40637	0.109008	0.430418	-2.32332	0.694018	1.21017	1.21017	6.16226	15.3372	3.27701	1
cg02736154	DLG2;DLG2	0.0465611	0.0496511	0.4933	-2.02766	0.0631897	2.01542	2.01542	0.0148803	0.498313	2.00673	0.498313	1.78426	1.78426	0.0854365	1.170314	0.8542663	0.0834207	1.198097	0.834446	0.0506282	0.799454	1.25091	0.357444	1.36924	1.36924	0.537753	0.818272	1.42304	6.39151	4.49911	0.153222	1
cg17524136	DLG2;DLG2	0.0426473	0.593559	0.828906	-1.20641	0.00188261	0.215436	-4.64175	0.149355	0.583591	-1.71353	0.246184	1.62546	1.62546	0.0191881	0.615284	1.52572	1.52572	0.991078	1.0039	1.0039	0.108493	0.543416	-1.84021	0.718986	0.881733	-1.13413	0.124127	0.559877	-1.78611	0.27313	1.4878	1.4878	3.596585	6.91254	1.7083	1
cg22730459	DLG2;DLG2;DLG2	3.95E-07	1.30E-05	0.3781551	-2.64398	0.3267264	0.224911	-4.21211	0.8234	0.1275332	-2.66445	0.000131108	0.2753142	-3.63256	0.0001744	0.2819852	-3.54796	5.81E-05	0.541008	-1.8484	0.000384942	0.308341	-3.24377	0.000124074	0.3975	-2.51607	0.0001	-1.3521	8.29E-06	-1.04807	0.0001	0.0001	0.0001	1
cg26636101	DLG2;DLG2;DLG2	3.60E-05	0.0194858	0.7129193	-1.40264	0.0058776	1.888484	1.888484	0.174859	0.841216	-1.18876	0.0263632	0.729376	-1.37104	0.0753384	0.788792	-1.26776	7.69E-07	2.003312	-9.4185	0.237689	1.15976	1.15976	0.833386	0.975075	-1.02556	0.00386387	0.627269	-1.59421	29.0405	6.60359	0.202126	1
cg02146412	DLG2;DLG2;DLG2	5.06E-05	7.55E-05	0.170233	-5.87431	0.000888351	0.293025	-3.41268	0.000957829	0.297129	-3.36328	0.814625	1.05961	1.05961	0.000432927	0.253584	-3.94347	0.000173652	0.207759	-4.81327	3.94E-06	0.0668559	-14.9575	0.000532052	0.2645953	-3.77939	0.0156024	0.481434	-2.07713	26.5323	25.5402	0.855648	1
cg04412099	DLG2;DLG2;DLG2	0.000447075	0.4248084	1.365628	-1.0956	0.0014159	0.475422	-2.1034	0.4485882	0.7963732	1.255602	0.271692	1.1204	1.1204	0.980564	0.0027332	1.67407	0.167656	1.2626	1.2626	0.4278384	0.7482885	1.1179	0.34415	0.2721136	0.8546985	-1.17001	0.000109881	0.353456	-2.82921	14.7403	6.06783	0.236591	1
cg02675969	DLG2;DLG2;DLG2	0.00656612	0.006573192	0.693977	-1.65569	0.2270171	0.833614	-1.1996	0.395792	0.882678	-1.13292	0.0683637	0.60487	-1.65325	0.003188	0.982689	0.01762	0.836343	0.970753	-1.03013	0.0017803	0.19328	1.88328	0.799414	0.754958	-1.32458	0.0413118	0.713375	-1.40179	6.74814	2.2009	0.28991	1
cg19942977	DLG2;DLG2;DLG2;DLG2	0.0020548	0.002852	0.4870145	-2.05301	0.0004158	0.005346	-3.7254	0.0012953	0.60694	-1.64844	0.0154477	0.4620094	-2.16445	0.0001	0.2545828	3.93E-06	0.000173652	0.1945438	-5.14033	0.0001	0.1882153	5.31E-06	0.0001	0.1882153	5.31E-06	0.0001	0.1882153	5.31E-06	0.0001	0.1882153	5.31E-06	1
cg23791671	DLG2;DLG2;DLG2;DLG2	0.0021321	0.162767	0.575532	-1.73752	0.00105051	0.03419	0.03419	0.386437	0.719513	-1.38983	0.0567856	2.22417	2.22417	0.00296296	0.220407	4.53707	0.411265	0.732337	-1.36549	0.138329	1.80688	1.80688	0.00109098	0.95638	0.95638	0.732898	1.13543	1.13543	9.46363	20.6041	1.93528	1
cg26449294	DLG2;DLG2;DLG2;DLG2	0.00759258	0.273232	0.668112	-1.49675	0.958553	1.01855	1.01855	0.388661	1.3687	1.3687	0.0280447	0.3994	-2.50376	0.105242	0.554698	-1.87021	0.12963	1.78446	1.78446	0.000257149	0.119052	-8.39972	0.0753312	0.496422	-2.01441	0.0957263	0.523504	-1.9102	6.44017	12.7774	1.76112	1
cg24892479	DLG2;DLG2;DLG2;DLG2	0.0113441	0.361524	1.2966	1.2966	0.3511854	0.0357296	1.75519	0.0032891	1.84704	1.84704	0.1127421	1.29175	1.29175	0.0124919	1.710545	1.71546	0.1376555	0.491940	-2.03373	0.0528187	2.65543	2.65543	0.251075	1.70249	1.70249	0.0591689	2.573161	2.573161	4.05936	12.6574	2.77163	1
cg18702239	G03	2.40E-06	0.0160444	1.5745	1.5745	0.3624481	0.264181	-2.2651	1.9135	0.0010786	-2.09586	0.0744224	0.3994	-2.50376	0.105242	0.554698	-1.87021	0.0080609	1.15799	1.15799	0.0004557	0.0001457	0.0001	1.64383	0.0001	1.64383	0.0001	1.64383	0.0001	1.64383	0.0001	1.64383	0.0001	1
cg11442473	G03	0.00682628	0.0270272	2.041057	2.041057	0.111622	0.423184	2.36304	0.0308776	0.50106	-1.99577	0.0544356	0.551602	-1.8129	0.0229412	0.508451	1.96628	0.140735	0.649236	-1.54027	0.00706194	0.387063	-2.58356	0.388614	1.27236	1.27236	0.996984	1.00103	1.00103	6.66171	1.84763	1.04628	1
cg00420717	G03	0.0111551	0.670602	0.87229	-1.14641	0.7643442	1.10078	1.10078	0.0844912	0.543658	-1.83939	0.128236	0.5914486	-1.69056	0.000845977	0.201406	-4.96508	0.191032	0.642659	-1.55604	0.65571	0.51686	-1.93476	0.540896	1.21858	1.21858	0.3069772	0.713171	-1.40179	4.03225	6.51333	1.43583	1
cg13945133	DLG3;DLG3	0.00459039	0.1760247	1.17457	1.17457	0.6544881	0.2651	1.91183	0.1127	-2.36306	0.0847855	0.679651	1.2409886	1.24098	0.0170774	0.7442274	-1.34382	0.4228251	1.157199	1.15719	0.7284124	0.7737585	1.23084	0.4325	1.64383	0.0001	1.64383	0.0001	1.64383	0.0001	1.64383	0.0001	1
cg01119520	G03;G03	0.00735277	0.0643293	1.94572	1.94572	0.45291	0.111003	1.11003	0.13713	0.598823	-1.66994	0.0459212	0.298715	-3.34768	0.00274222	0.266098	3.75801	0.0810099	0.137625	-2.96187	0.964511	1.01356	0.01356	0.0805967	1.86004	1.86004	0.317987	0.718525	-1.39174	6.51431	20.5814	1.44384	1
cg21648914	G03;G03	0.1603928	0.1699897	1.4656	1.4656	0.2107	0.7388	1.7388	0.0381955	1.86053	1.86053	0.2040314	1.48106	1.48106	0.0798251	1.7262	1.7262	0.0328051	0.4809	-2.07853	0.0536824	0.4344419	1.34589	0.0753382	0.2044819	4.8916	0.0004693	0.1758285	1.43911	0.0001	1.64383	0.0001	1.64383	0.0001	1
cg01840432	G03;G03;G03	0.00226677	0.128185	1.83722	1.83722	0.558173	0.803301	-1.24486	0.713239	0.872385	-1.14628	0.313584	1.47034	1.47034	0.757259	0.89166	-1.1215	0.434419	1.34311	1.34311	0.000526207	7.37481	7.37481	9.77E-05	12.9456	12.9456	0.0851089	2.022028	2.022028	9.29555	20.1398	1.92587	1
cg06786162	G03;G03;G03;G03	0.00463701	0.0909048	1.649869	-2.91658	0.0181253	0.54145	1.5646	0.0878783	0.995315	-1.00652	0.981686	0.9914461	-1.00863	0.0245833	0.166663	5.99049	0.0129774	0.269965	1.70419	0.0274474	0.5705107	0.59302	-1.68621	0.0294714	1.92016	1.92016	0.0880332	0.611132	-1.63631	7.53196	9.79885	0.095679	1
cg25947525	G03;G03;G03;G03	0.00502203	0.0128914	11.7753	11.7753	0.156099	0.62923	3.62923	0.0911818	2.57063	3.25063	0.2900036	0.5813478	2.57063	3.27368	0.277368	3.27368	0.0280185	0.69072	1.96972	0.00360348	0.129109	0.00123534	15.3296	55.3296	0.00791781	18.0513	18.0513	7.82875	0.784708	10.1601	5
cg06107108	DLG3;DLG3;DLG3	0.00680041	0.0092727	3.10231	3.10231	0.00138346	0.203918	-4.90393	0.0126631	0.345532	-2.89408	0.80673	1.04829	1.04829	0.01737387	0.37019	-2.69986	0.164648	1.66259	1.66259	0.775352	0.906544	-1.10309	0.750681	0.896451	-1.11551	0.816689	1.08288	1.08288	6.675	12.431	1.6554	1
cg08625693	DLG3;DLG3;DLG3	0.00723847	0.052334	1.94861	1.94861	0.1846245	0.944495	1.05214	0.0048772	0.732732	1.71692	0.1680064	0.8001157	1.25032	0.0208053	0.3134004	3.19101	0.1668536	1.26826	1.26826	0.4278384	0.7482885	1.1179	0.34415	0.2721136	0.8546985	-1.17001	0.000109881	0.353456	-2.82921	14.7403	6.06783	0.236591	1
cg19616372	G03;G03;G03;G03	0.00715196	0.0338846	6.46288	6.46288	0.152344	0.17433	3.17433	0.0483153	1.11931	1.11931	0.1609073	0.6048746	1.65325	0.003188	0.982689	0.01762	0.836343	0.970753	-1.03013	0.0017803	0.19328	1.88328	0.799414	0.754958	-1.32458	0.0413118	0.713375	-1.40179	6.74814	2.2009	0.28991	1
cg23762408	G03;G03;G03;G03	0.00151224	0.277962	1.92705	1.92705	0.0857191	0.01731	3.01731	0.0733097	1.22028	1.22028	0.321612	1.81372	1.81372	0.745471	1.20852	1.20852	0.0814998	3.07329	3.07329	0.00162511	13.8165	13.8165	0.0080969	9.81763	9.81763	0.0080969	8.17328	8.17328	5.16679	27.6576	4.75991	1
cg01660123	G03;G03;G03;G03	0.0170273	0.0407272	2.5497	2.5497	0.640606	0.26422	2.22422	0.0288153	1.16032	1.16032	0.1682315	4.81841	4.81841	0.0016916	1.16032	1.16032	0.1138887	5.46664	5.46664	0.00243895	91.5297	91.5297	0.00265998	81.002	81.002	0.00594915	34.1086	34.1086	6.86181	10.1953	1.61419	1
cg13781574	G03;G03;G03;G03	0.0289082	0.0206033	3.91667	3.91667	0.0734353	2.65703	2.65703	0.36576	1.57622	1.57622	0.8382581	1.10524	1.10524	0.676342	1.22819	1.22819	0.0229807	3.78694	3.78694	0.00334583	7.06295	7.06295	0.0122593	4.60638	4.60638	0.0764891	2.61984	2.61984	4.14087	15.7195	3.37438	1
cg28379223	G03;G03;G03;G03	0.0418529	0.4170442	1.1766	1.1766	0.3104823	0.465657	1.46557	0.2884818	1.44499	2.68704	0.2704	1.56921	1.56921	0.4044133	1.4161	1.4161	0.3192188	1.5165	1.5165	0.2488571	2.88571	2.88571	0.0055768	2.87399	2.87399	0.0122116	2.17976	2.17976	3.98383	0.883803	1.55222	1
cg24246679	DLG3;DLG3;DLG3;DLG3	0.0250363	0.050537	5.19803	5.19803	0.0571104	4.91409	4.91409	0.588791	1.49735	1.49735	0.1835621	2.83977	2.83977	0.356955	0.496204	-2.0153	0.08119441	4.17841	4.17841	0.00385934	17.8059	17.8059	0.00679139	13.3906	13.3906	0.0459288	5.43136	5.43136	4.35504	37.7354	7.70202	1
cg00145435	DLG4;ACADVL;ACADVL	0.00194488	0.4787676	-2.0497	-2.0497	0.0075418	0.474572	-2.10716	0.102017	0.674042	-1.47405	0.9537902	1.01267	1.01267	0.0256	0.192515	-5.19257	0.000288674	0.277392	-3.60501	0.000806448	0.334187	-2.99234	0.09787	0.818345	-1.08444	0.0224035	0.552601	-1.80962	13.1263	9.91281	0.6617	1
cg07813421	DLG4;ACADVL;ACADVL	0.0390591	0.62069	0.9246	-1.08147	0.620105	1.39084	1.39084	0.474992	1.12082	1.12082	0.794861	1.04176	1.04176	0.752378	1.05681	1.05681	0.293383	0.842718	-1.18664	0.0992168	0.595001	-1.68067	0.396565	1.14602	1.14602	0.0104338	1.65904	1.65904	3.71552	1.45046	0.347004	1
cg12204773	DLG4;ACADVL;ACADVL;ACADVL;DLG4;ACADVL;DLG4;ACADVL;ACADVL;ACADVL;DLG4;	5.83E-05	0.00138749	0.56809	-1.76029	0.00900069	0.666837	-1.49962	3.25E-05	0.3733	-2.67881	6.90E-06	0.296466	-3.37307	0.0711604	0.781981	-1.2788	0.00441372	0.628982	-1.58987	2.50E-05	0.35991	-2.77847	0.963115	0.994374	-1.00566	0.768848	0.964683	-1.03661	25.5638	6.02707	0.20957	1
cg24706032	ACADVL	0.000174007	0.007836363	2.2044	2.2044	0.0016492	0.351952	-2.8413	0.07232922	0.62963	-1.58824	7.64E-06	0.10261	-9.74566	0.892338	1.03186	1.03186	0.507493	0.855775	-1.16853	?	?	?	0.97579	1.00707	1.00707	0.00256854	0.379683	-2.63378	19.5574	14.7728	0.755356	1
cg01780685	DLG4;DLG4	0.000418678	0.0526743	0.718828	-1.39115	0.154426	1.25667	1.25667	9.32E-06	0.23822	-4.1978	0.839357	0.9700337	-1.03089	0.762348	1.0465	1.0465	0.239765	1.20261	1.20261	0.00534716	1.73304	1.73304	0.265929	0.8417	-1.18807	0.410583	1.3441	1.13441	15.01	5.33995	0.31623	1
cg05653753	DLG4;DLG4	0.00166782	0.0692419	1.16086	1.16086	0.00734422	0.68628	-1.45713	0.000160752	0.623133	-1.60479	0.644906	0.9665221	-1.03464	0.157041	0.894889	-1.11746	0.0179451	0.809738	-1.23497	0.1349651	1.12553	1.12553	0.496283	1.052	1.052	0.320794	0.927488	-1.07818	10.1638	0.8667	0.0758069	1
cg16564940	DLG4;DLG4	0.00198485	0.12325	1.4089	1.4089	0.2556	0.0135811	1.36634	0.0048363	0.4978	-2.00958	0.1215919	1.36634	1.36634	0.00483636	1.49793	1.49793	0.2210881	1.20007	1.20007	0.1089	0.8334	-1.20007	0.0031004	1.55034	1.55034	0.1634228	0.834471	0.8347598	1		
cg26548054	DLG4;DLG4	0.00579832	0.1744319	0.826939	-1.20928	0.0131433	1.49852	1.49852	0.000271016	2.19317	2.19317	0.744782	1.04946	1.04946	0.752271	0.959203	-1.04253	0.437177	0.900995	-1.10988	0.55902	0.752103	-1.32961	0.320988	0.873824	-1.14

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1317 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Error)
cg40501624	DLGAP2	0.01708864	0.15406	0.479909	-2.08373	0.787159	0.07138	-1.14007	0.00550513	0.172782	-5.78764	0.912877	0.96028	-1.03416	0.003677088	0.082095	-12.181	0.0382333	0.314884	-3.17577	0.174514	0.499119	-2.00353	0.76099	0.863478	-1.15831	0.24994	0.560749	-1.78333	0.40687	18.1879	3.25892	1
cg09427741	DLGAP2	0.01878789	0.07742668	0.789353	-1.26686	0.2868887	1.14255	1.14255	0.07311035	0.785956	-1.27234	0.803592	1.03048	1.03048	0.414234	0.862637	-1.15924	0.85187	1.02278	1.02278	0.00232302	1.68987	1.63987	0.2573838	1.3758	1.3758	0.557655	0.9310038	-1.07407	0.80525	1.10512	0.204429	1
cg01154272	DLGAP2	0.01883334	0.704384	0.9348	-1.06975	0.7780661	0.707301	-1.41383	0.00105741	0.424608	-2.35511	0.315888	0.832421	-1.20132	0.353027	0.844482	-1.18416	0.316393	0.832591	-1.20107	0.00450074	0.511818	-1.95382	0.372089	1.17597	1.17597	0.824742	1.04001	1.04001	0.480133	2.37906	0.440445	1
cg23424125	DLGAP2	0.021424	0.121728	1.53673	1.53673	0.00205115	3.04201	3.04201	0.14439	1.495051	1.495051	0.938277	1.524624	-1.02003	0.401398	1.240624	1.240624	0.467636	0.827551	-1.20836	0.00429309	2.635957	2.635957	0.04352611	1.81442	1.81442	0.949315	0.9838351	-1.01641	4.59552	4.774151	0.932344	1
cg20076070	DLGAP2	0.02279554	0.09944444	0.49135	1.449335	0.04068652	0.4352	-2.29779	0.02997293	0.568289	-15.7596	0.485719	1.16974	1.16974	0.154132	1.401655	1.401655	0.788945	1.06118	1.06118	0.098047	1.4943	1.4943	0.07322112	1.55608	1.55608	0.631616	0.8986602	-1.12384	4.49869	3.49017	0.689617	1
cg03732211	DLGAP2	0.03683137	0.410462	-2.43628	0.1082444	1.902687	1.902687	0.00312956	4.40723	0.440773	0.700629	1.1524	1.1524	1.1524	0.704191	0.8693111	-1.15034	0.75326	0.8006568	-1.12725	0.1310694	1.3956446	-2.52114	0.2713413	0.65675	-1.52265	0.3977776	0.7270678	-1.37423	4.66185	9.52651	1.897877	1
cg11691504	DLGAP2	0.0247846	0.371787	0.761734	-1.31279	0.00463329	3.05852	3.05852	0.01304042	2.49459	2.49459	0.150079	0.6326011	-1.58078	0.537274	1.2037	1.2037	0.464437	1.2473	1.2473	0.1992913	1.495569	1.495569	0.08727227	0.571017	-1.75126	0.3321168	0.7431101	-1.34571	4.37036	6.09687	1.24004	1
cg26321966	DLGAP2	0.0248251	0.704083	1.19423	1.19423	0.1938316	1.61094	1.61094	0.1315547	1.31697	1.31697	0.66697	0.8914492	-1.12171	0.0193243	0.517664	-1.93175	0.89743	1.065725	-1.02954	0.00705648	0.2754648	-1.63046	0.924778	1.52537	1.52537	0.628362	0.8815691	-1.13383	4.362588	4.60962	0.990997	1
cg26553789	DLGAP2	0.0253483	0.413939	0.8514416	-1.17451	0.0107242	1.47423	1.47423	0.09660926	0.426186	-1.42281	0.06628408	1.384499	1.384499	0.121648	1.38147	1.38147	0.00876098	1.9023	1.9023	0.03688978	2.508318	2.508318	0.078621	-1.12718	0.4145778	0.853137	-1.27214	4.3082	2.55102	0.522213	1
cg21397287	DLGAP2	0.0258696	0.272545	0.671279	-1.48969	0.127514	0.562637	-1.77734	0.0038611	0.257027	-3.89064	0.125275	0.560415	-1.78439	0.00314276	0.244401	-4.09163	0.609936	0.835629	-1.1967	0.412295	0.746355	-1.33985	0.0212323	0.380374	-2.62899	0.0386046	0.433392	-2.30738	4.30562	8.30593	1.71474	1
cg37638856	DLGAP2	0.0261872	0.0725213	0.6636957	1.507	0.0241126	2.94444	2.94444	0.0729947	0.54235	-1.84383	0.1744267	0.6124	0.6124	0.0252746	0.7925	-2.0566	0.972665	1.00966	1.00966	0.8966034	1.132307	1.132307	0.748604	-1.33582	0.0508895	0.241722	-4.13698	0.0455003	0.521685	4.01687	4.28731	5.465115	1.13309	1
cg16268546	DLGAP2	0.0263569	0.457073	1.20043	1.20043	0.2080249	0.508855	-1.9652	0.116954	0.663124	-1.50801	0.992938	1.00214	1.00214	0.645165	0.894185	-1.11834	0.985743	0.632551	-1.5809	0.00512866	2.439852	2.439852	0.305468	0.774184	-1.29168	0.0643048	0.605686	-1.65102	4.277364	3.94155	0.819051	1
cg05991606	DLGAP2	0.0267671	0.138322	5.840811	5.840811	0.0328822	7.23455	7.23455	0.1836	5.103851	5.103851	0.624167	1.727353	1.727353	0.464121	2.284728	2.284728	0.146	146.162	0.00942733	38.183	38.183	0.02609955	18.1487	18.1487	0.425457	82.5334	17.2425	1
cg15186616	DLGAP2	0.0268821	0.279505	0.779362	-1.2831	0.00311367	2.90044	2.90044	0.566003	1.13728	1.13728	0.935453	0.887973	-1.12616	0.164889	0.720006	-1.38888	0.59575	1.13584	1.13584	0.2644108	0.775225	-1.29446	0.658702	1.10358	1.10358	0.097826	0.9068518	-1.49585	4.248118	3.3076	0.692082	1
cg21237749	DLGAP2	0.0286709	0.08581664	0.491585	-2.03424	0.00927194	2.090857	-3.41812	0.02825506	0.379511	-2.66497	0.0172353	0.337795	-2.96037	0.00133033	0.503177	-1.99451	0.376043	1.40465	1.40465	0.031603	0.388574	-2.5669	0.0288832	0.381342	-2.62232	0.0611448	0.454193	-2.20715	4.192595	9.2018	1.96353	1
cg04685163	DLGAP2	0.0287467	0.097732	1.43839	1.440893	0.04004725	2.073151	2.073151	0.685209	0.502019	-1.07989	0.8937429	1.145341	1.145341	0.444033	1.143497	1.143497	0.00877795	1.87613	1.87613	0.0314549	1.593962	1.593962	0.02287305	1.67081	1.67081	0.147084	1.34089	1.43408	2.33543	0.500338	1
cg06577028	DLGAP2	0.0308948	0.555208	1.08407	1.08407	0.00199062	0.551484	-1.81329	0.362644	0.88112	-1.13492	0.3788	1.12991	1.12991	0.495402	1.09816	1.09816	0.9949667	1.000885	1.000885	0.900679	1.01703	1.01703	0.1703387	0.820783	-1.21835	0.0115428	0.652278	-1.53309	4.04432	1.17198	0.257585	1
cg10675527	DLGAP2	0.0321187	0.746824	0.91614	-1.09154	0.6208934	0.618356	1.23213	0.1412	0.631898	-1.53398	0.560573	0.852888	-1.17249	0.644176	0.882505	-1.13314	0.9568993	1.79078	1.79078	0.00276182	0.327903	-3.04968	0.0295365	0.500124	-1.9995	0.0633722	0.59915	-1.75701	3.98859	4.61871	1.02932	1
cg01524755	DLGAP2	0.0325078	0.92091	1.08571	1.085711	0.6047061	2.77287	2.77287	0.219357	1.40095	1.40095	0.574846	1.16667	1.16667	0.316507	1.345425	1.345425	0.18461	1.4663	1.4663	0.0626828	1.9358	1.9358	0.964042	0.987613	-1.01234	0.1108869	0.623478	-1.60391	3.975438	6.45802	1.504153	1
cg21763873	DLGAP2	0.0354818	0.477831	0.886058	-1.12859	0.911101	1.0189	1.0189	0.00743584	0.561088	-1.78225	0.638777	1.08248	1.08248	0.638863	0.923823	-1.08246	0.0407238	0.672980	-1.48591	0.111856	1.33675	1.33675	0.00792732	0.565096	-1.76961	0.435072	0.875029	-1.14282	3.84803	1.71252	0.39559	1
cg03518799	DLGAP2	0.0366868	0.177765	0.856015	-1.16795	0.37901	0.954228	-1.04797	0.9387	1.20087	1.20087	0.258013	0.8358848	-1.19611	0.0363754	0.8358848	-1.19611	0.264441	0.48024	-2.08169	0.0129	1.17485	1.17485	0.3129	1.37987	1.37987	0.0226622	0.513406	1.8818	3.80162	1.394648	0.326101	1
cg02840179	DLGAP2	0.0369102	0.482924	0.740244	-1.35091	0.00574045	4.60562	4.60562	0.658525	1.20636	0.868798	1.07222	1.072222	0.0655006	0.225422	4.43613		0.401176	1.43685	1.43685	0.174545	1.83891	1.83891	0.840364	1.08879	1.08879	0.941195	0.96936	-1.03161	3.79322	10.6888	2.50477	1	
cg11734645	DLGAP2	0.0370364	0.474268	1.1734	1.1734	0.3010766	1.204851	1.204851	0.8577133	0.7006134	1.16839	0.725772	1.080145	1.080145	0.3373617	0.8162418	1.2255776	0.1264137	1.49532	1.49532	0.0195995	1.88677	1.88677	0.0160183	-1.4474	0.1085607	0.2770573	1.78851	2.06939	0.6859997	1	
cg22385595	DLGAP2	0.0396047	0.954426	0.988041	-1.0121	0.0971624	1.46703	1.46703	0.788892	1.05783	1.05783	0.404722	1.19659	1.19659	?	?	?	0.182064	1.34739	1.34739	0.966058	1.009	1.009	0.233904	0.768967	-1.30045	0.00243947	0.411506	2.4301	3.75485	2.34262	0.62389	1
cg24150262	DLGAP2	0.040213	0.0035669	0.435622	-2.29557	0.785881	0.15899	-1.05899	0.303521	0.799068	-1.25146	0.447147	1.17713	1.17713	0.041729	1.672078	1.672078	0.0859605	1.49091	1.49091	0.397237	1.200016	1.200016	0.380057	0.827508	-1.20845	0.851608	0.961351	-1.0402	3.675594	2.57919	0.62368	1
cg27048477	DLGAP2	0.0326375	0.1102055	1.488933	1.488933	0.09141	1.09101	1.09101	0.1384385	1.12118	1.12118	0.662012	0.8838182	-1.13122	0.20022	0.8838182	-1.13122	0.2616277	1.83722	1.83722	0.0155616	2.648857	-2.22888	0.1308886	0.834399	1.19847	0.3281944	1.687247	1.347906	4.1	1.34888	1
cg24526596	DLGAP2	0.0482613	0.0573438	0.360895	-2.77089	0.58678	1.29712	1.29712	0.486089	0.714977	-1.39865	0.104769	0.431524	-2.31737	0.010838	0.219411	0.553765	0.1544882	0.48554	-2.05955	0.00791996	0.199021	-5.02461	0.084085	0.404119	-2.47452	0.0638043	0.372431	-2.68506	3.43991	12.2213	3.16356	1
cg09572445	DLGAP2	0.0483777	0.0076645	0.147101	-6.49269	0.699858	0.19189	-1.02012	0.780182	0.6365	1.1088	0.683942	1.442113	1.442113	0.188427	1.59738	1.59738	0.8232125	1.06057	1.06057	0.5618148	1.59473	1.59473	0.1988274	0.84298	0.81809	-1.22256	0.2479	-2.1712	0.444298	0.81809	-1.22256	3.42479	3.66816	0.950392	1
cg11192059	DLGAP2	0.0490774	0.215819	-3.05713	3.109573	0.1786778	1.78078	1.78078	0.742545	1.14671	1.1614	0.720064	0.928955	-1.07638	0.1181157	1.4155	1.4155	0.4481649	1.17512	1.17512	0.1017467	2.409778	2.409778	2.3188	1.3188	2.341401	1.2223424	1.222334	1.242177	1.26637	0.5904	1
cg14887752	DLGAP2	0.0010419	0.711796	1.10278	1.10278	0.00041181	4.38589	4.38589	0.00718302	2.49653	2.49653	0.00520382	2.643544	2.643544	0.239555	0.722757	-1.38359	0.0483276	1.81268	1.81268	0.000428315	4.34756	4.34756	0.000489012	4.22182	4.22182	0.6928857	1.11033	1.11033	11.6322	12.8044	0.978462	1
cg13709618	DLGAP2	0.0337038	0.1737063	1.3135	1.3135	0.0023074	3.21812	3.21812	0.1796	1.34805	1.34805	0.0504845	1.3189	1.3189	0.1833187	1.556032	1.556032	1.4805	0.0594	16.8351	0.0129	14.8173	14.8173	0.0451307	4.06552	4.06552	0.0576444	3.7049	3.9218	23.1084	5.23976	1	
cg05879527	DLGAP2	0.0350891	0.204231	1.35086	1.35086	0.91687	1.02371	1.02371	0.50332	1.16469	1.16469	0.892118	0.97	-1.03093	0.00354511	0.411828	2.4282	0.2188885	1.33677	1.33677	0.2233112	1.8374	1.8374	0.229422	1.32721	1.32721	0.169155	1.3893	1.38209	0.709302	1	
cg05327907	DLGAP2	0.0358413	0.2505178	1.351	1.351	0.0063009	3.704851	3.704851	0.1468862	1.284283	1.284283	0.1483579	1.331691	1.331691	0.2420351	1.302405	1.302405	0.2727045	1.37365	1.37365	0.2096249	1.729307	1.729307	0.2956246	1.37828	1.37828	0.1007277	1.3170	1.3170	0.0372199	1.38005	1.38005	0.2212151	1.6061	1
cg01559561	DLGAP2	0.0031374	0.0291542	1.36306	1.36306	0.0126216	0.688222	-1.45302	0.27139	0.871134	-1.14793	0.281274	1.14445	1.14445	0.00171726	1.71457	1.71457	0.6765661	1.05185	1.05185	0.000976872	1.80567	1.80567	0.065511	1.28283	1.28283	0.171545	1.8391135	1.1917	8.416081	0.935005	0.204375	1
cg01463540	DLGAP2	0.0043717	0.0182683	1.36725	1.36725	0.49014	0.718231	-1.39231	0.47139	1.41327	0.941382	1.29082	1.67878	1.67878	0.908408	1.05583	1.05582	0.0094327	4.72811	4.72811	0.00229155	23.0992	23.0992	0.0111571	4.48991	4.48991	0.379189	1.53105	5.641065	26.985	3.33826	1	
cg19370573	DLGAP2	0.0138228	0.0215272	2.68833	2.68833	0.0075547	2.23425	2.23425	0.585098	1.16142	1.16142	0.0213245	1.196	1.196	0.0708494	1.28183	1.28183	0.0079096	2.5576	2.5576	0.173434	1.954892	1.954892	0.1954613	1.96	1.96	0.1954613	1.95403	1.95403	0.0069623	1.58025	1.58025	0.0169597	1	
cg20648272	DLGAP2	0.0178909	0.0256245	0.494288	-2.02311	0.985676	1.00478	1.00478	0.480427	0.826445	-1.21	0.139755	0.6555543	-1.52545	0.0144861	0.4490556	2.2269	0.313717	1.758125	-1.31904	0.464244	1.21892	1.21892	0.0221051	2.07364	2.07364	0.00526001	0.376057	-2.65917	4.8851	5.46443	0.994303	1
cg29596012	DLGAP2	0.046419	0.005472	0.445665	-2.24439	0.1323356	1.37751	1.37751	0.45834	1.16058	1.16058	0.0120368	1.853383	1.853383	0.04978889	1.643134	1.643134	0.1514489	1.41440	1.41440	0.00568538	2.791571	2.791571	0.15018	1.355151	1.355151	0.0394444	1.742679	1.57266	0.8397	1.43842	3.835474	2.44437	0.869806	1
cg04822022	DLGAP4;DLGAP4;DLGAP4	0.0019698	0.00831054	0.3868681	-2.58611	0.250691	1.40219	1.40219	0.178831	0.668822	-1.49517	0.630875	0.872539	-1.14608	0.0003134	0.320634	3.11882	0.0250131	1.97451	1.97451	0.0001733	5.771746	5.771746	0.0008548	2.947264	2.947264	0.426587	2.32674	1.51667	4.4	2.33543	0.500338	1	
cg02538070	DLGAP4;DLGAP4;DLGAP4	0.0043591	0.265501	0.792813	-1.26133	0.0153641	1.813444	1.813444	0.232872	1.2844	1.2844	0.157567	0.7390062	-1.35307	0.00213274	0.290087	-3.44724	0.0590035	0.652711	-1.53207	0.151039	1.36054	1.36054	0.631765	0.90791	-1.10143	0.252294	0.788496	-1.26824	7.65111	4.85109	0.563589	1
cg22101386	DLGAP4;DLGAP4;DLGAP4	0.0085139	0.764922	1.30745	1.30745	0.1839398	1.31562	1.31562	0.7812	0.9738	1.02696	0.883645	0.953387	1.048886	0.3137711	1.048886	0.3137711	0.8232125	1.06057	1.06057	0.5618148	1.59473	1.59473	0.1988274	0.84298	0.81809	-1.22256	0.2479	-2.1712	0.444298	0.81809	-1.22256	3.42479	3.66816	0.950392	1
cg12492027	DLGAP4;DLGAP4;DLGAP4	0.0293144	0.904975	1.05039	1.05039	0.5511301	2.49497	2.49497	0.310592	1.95817	1.95817	0.391579	1.43521	1.43521	0.00783293	2.545424	2.545424	0.289141	1.57288	1.57288	0.0297295	1.945799	-2.89185	0.032521	2.08632	2.08632	0.564247	1.786695	-1.27114	4.120488	11.0567	2.38521	1	
cg15635480	DLGAP4;DLGAP4;DLGAP4	0.0495138	0.928958	1.0999	1.0999	0.6804018	2.10164	2.10164	0.3868444	1.38447	1.38447	0.0945628	1.498803	1.498803	0.0178447	1.498803	1.498803	0.2649127	1.80949	1.80949	0.00745	3.01703	3.01703	0.0170701	2.58581	2.58581	0.0105281	2.20177	1.84073	1.414428	2.20177	1.84073	1.414428	2.13165	1	
cg23678254	DLGAP5;DLGAP5	0.0054429	0.0446525	0.357267	-2.79902	0.0318583	0.325293	-3.07415	0.114752	0.464963	-2.15071	0.022472	0.295067	-3.38906	0.275929	0.602889	0.625824	0.0116484	0.244699	-4.08666	0.000853723	0.106773	-9.36568	0.127389	2.08764	2.08764	0.00226311	0.148459	-6.73587	7.15047	22.5753	2.80638	1
cg01329700	DLGAP5;DLGAP5;DLGAP5	0.0266651	0.2166651	0.83256	-1.20109	0.1044715	0.703359	-1.34855	0.0512886	0.744157	-1.34355	0.0501284	0.742152	-1.34722	0.0501284	0.744157	-1.34355	0.2415106	0.6078243	-1.64529	0.0116515	0.4894722	-2.04315	0.0499072	-1.03969	0.9618	0.9618	0.9618	0.9618	0.9618	0.9618	0.9618	0.9618	0.9618	0.9618	1
cg25465634	DLGAP5;DLGAP5;DLGAP5;DLGAP5	0.0087206	0.0389343	0.652224	-1.51693	0.0360811	0.653807	-1.5295	0.0357341	0.51847	0.86712	0.102971	0.7206068	0.928955	-1.07638	0.1181157	1.4155	1.4155	0.6344848	1.08697	1.08697	0.0064774	1.4894	1.4894	0.905216	0.9112133	1.03704	0.1760208	0.597125	0.911213	1.03704	0.1760208	0.597125	0.911213	1.03704	1
cg16057408	DLX1	6.60E-05	0.107934	0.755677	-1.32332	2.78E-05	3.7369	3.7369	0.241751	1.21615	1.21615	0.0946521	1.34096	1.34096	0.113594	0.759601	-1.31648	7.01E-05	3.18685	3.18685	0.018469	0.6335553	-1.5784	0.000112191	2.95705	2.95705	0.000231709	2.65337	2.65337	24.7312	9.99083	0.35909	1
cg10113715	DLX1	0.0472664	0.1540261	1.51408	1.51408	0.0022034	5.21812	5.21812	0.0076858	2.842582	2.842582	0.237766	0.6032051	1.50057	1.50057	0.007764933	3.350552	0.4554054	2.19576	2.19576	0.0004124	10.7011	10.7011	0.1354	0.0385564	0.5597383	-1.82526	0.0027244	0.5597383	-1.78687	0.9458	0.9458	0.9458	0.9458	0.9458	1
cg13684115	DLX1	0.0005533	0.138706	1.29929	1.29929	0.214364	1.23953	1.23953	0.00388571	2.582333	2.58233	0.26605	0.811542	-1.22322	0.00458609	0.537997	1.85875	0.2975734	0.837459	-1.19409	0.000184728	2.82248	2.82248	0.0023239	2.02052	2.02052	0.0183292	1.60035	1.60035	14.037	5.99874	0.379868	1
cg08068539	DLX1	0.0008359	0.632401	1.626091	1.626091	0.107756	1.24054	1.24054	0.4885059	1.09033	1.09033	0.532138	1.08078	1.08078	0.0113513	1.47566	1.47566	0.2019121	1.49152	1.49152	0.1476206	1.42544	1.42544	0.0807006	1.42544	1.42544	0.0807006	1.26844	1.31083	3.213573	0.212151	1	
cg01242498	DLX1	0.0010293	0.0098828	0.6188561	-1.61587	0.0837988	1.51677	1.51677	0.1477184	0.765651	-1.30555	0.1534676	1.15376	1.15376	0.7397353	0.8923107	-1.0503	0.0041213	1.76183	1.76183	0.0003101688	2.75939	2.75939	0.0197506	1.6316	1.6316	0.1938904	1.2212	1.2212	10.9318	3.75181	0.900169	1
cg06504820	DLX1	0.0030341	0.0068855	0.406545	-2.45976	0.00207797	4.55025	4.55025	0.299555	1.31843	1.31843	0.139361	1.505931	1.505931	0.0218244	0.49247	-2.03058	0.503346	1.19099	1.19099	0.0912188	1.61405	1.61405	0.2634337	1.3499	1.3499	0.138006	0.662966	-1.50837	5.52947	8.94731	0.932434	1	
cg15831296	DLX1	0.0051057	0.406284	1.4	1.4	0.0077181	1.84661	1.84661	0.035117	1.40133	1.40133	0.4812651	1.17315	1.17315	0.2911975	1.183263	1.183263	0.636326	1.11266	1.11266	0.2228725	1.78026	1.78026	0.0977168	1.153555	1.153555	0.76156	1.07059	1.72165	1.153555	0.76156	1.07059	1.72165	1.153555	0.76156	1.07059	1.072171	1
cg16544010	DLX1	0.0057081	0.0269089	0.529547	-1.88841	0.0963019	1.55732	1.55732	0.0156944	2.05102	2.05102	0.233012	1.354393	1.354393	0.0314729	0.542272	-1.84409	0.109246	1.5275	1.5275	0.00115421	3.18462	3.18462	0.0316979	1.84211	1.84211	0.259802	1.32995	1.32995	7.04669	6.56706	0.828388	1
cg01971562	DLX1	0.0071562	0.0431501	0.87415	-1.14397	0.1123356	1.37751	1.37751	0.45834	1.16058	1.16058	0.0120368	1.853383	1.853383	0.04978889	1.643134	1.643134	0.0109581	1.87683	1.87683	0.1077188	1.41449	1.41449	0.0056838	2.79317	2.79317	0.15018	1.355151	1.355151	0.3954	4.03944	0.547479	1	
cg18279536	DLX1	0.0107667	0.387906	0.789427	-1.26674	0.0127243	2.88683	2.88683	0.55771	0.853349	-1.17165	0.690733	1.11277	1.11277	0.126335	1.155563	1.155563	0.634848	1.08697	1.08697	0.0064774	1.4894	1.4894	0.905216	0.9112133	1.03704	0.1760208	0.597125	0.911213	1.03704	0.1760208	0.597125	0.911213	1.03704	1
cg19183373	DLX1	0.0126028	0.138642	0.518103	-1.61785	0.00221707	3.64665	3.64665	0.123533	1.65441	1.65441	0.649746	1.34794	1.34794	0.343793	0.745044	-1.3422	0.0440344	2.01039	2.01039	0.00745913	0.353544	-2.8285	0.614715	1.16552	1.16552	0.903123	1.03743	1.03743	5.48539	7.91249	1.28219	1
cg18218262	DLX1	0.0128024	0.524043	0.8990143	-1.11225	0.3409936	0.938163	-1.06548	0.6524358	1.21397	1.21397	0.0824358	1.108518	-1.96806	0.261153	1.108518	-1.96806	0.0271504	0.615363	-1.62511	0.0504004	1.198411	0.257766	-3.88	0.121488	1.21488	0.105095	0.747295	1.21488	1.21488	0.105095	0.747295	1.21488	1.21488	0.105095	0.747295	1.24605	1
cg19628497	DLX1	0.0141002	0.0291522	0.34334	0.343334	0.0037799	0.57427	0.57427	0.510045	1.37906	1.37906	0.0768539	2.576311	2.576311	0.0141545	0.58509	0.58509	0.0068183	1.93705	1.93705	0.397133	1.513717	0.513717	0.00801153	1.52586	1.52586	0.01541	1.4784	1.4784	1.58747	19.3726	3.25677	1	
cg18101157	DLX1	0.0141214	0.155832	0.7	0.7	0.0128783	1.57852	1.57852	0.2783	1.26	1.26	0.0470162	1.183062	1.183062	0.0050823	1.89776	1.89776	0.2727142	0.8258	0.8258	0.2172165	1.21865	1.21865	0.0004	1.41928	1.41928	0.0202699	2.11766	2.11766	0.0017037	2.05549	0.0054	1.38324	1	
cg23522522	DLX1	0.0151435	0.0330715	1.73972	1.73972	0.00735183	2.15476	2.15476	0.938686	1.01724	1.01724	0.00204985	2.62559	2.62559	0.0648106	0.630773	-1.58536	0.1667553	1.38759	1.38759	0.176466	1.37616	1.37616	0.0746269	1.54649	1.54649	0.545465	1.14563	1.14563	1.5644	1.03835	0.695077	1
cg27109672	DLX1	0.0283062	0.32992	1.24484	1.24484	0.075404	0.652106	-1.53349	0.00338891	0.427914	-2.33692	0.256387	1.29442	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg11769312	DLX4,DLX4	1.67E-05	0.934487	1.01561	1.01561	0.926488	0.982766	-1.01754	0.000512792	2.77789	2.77789	0.0153129	1.512155	1.512155	0.1719521	0.761254	1.31362	0.665238	1.08547	1.08547	0.00345028	0.473258	2.11303	7.01E-07	12.6123	0.04737738	1.533119	28.8845	16.234	0.4995844	1
cg08401606	DLX4,DLX4	0.00024632	0.597339	1.07256	1.072566	0.680991	-1.46845	0.0242353	1.42334	1.42334	0.460211	1.10385	1.103485	0.983405	0.9972271	-1.00274		0.0571905	1.32676	1.32676	0.656313	0.942841	-1.06062	3.95E-06	4.09713	0.4097013	0.107502	0.793874	-1.25965	17.36	4.747609	0.2430898	1
cg04131405	DLX4,DLX4	0.000581309	0.910696	0.965868	-1.03534	0.0388045	0.476886	-2.09705	0.000117068	0.123881	-8.07224	0.128924	0.60177	-1.66176	0.117215	1.69334	1.69334	0.00487048	0.314961	-3.17499	0.00189811	0.2561135	-3.9045	9.12E-05	0.114826	-8.7088	0.2200226	0.6708889	-1.490556	13.70343	20.79317	1.34873	1
cg18877667	DLX4,DLX4	0.000591179	0.6092763	0.589889	-1.69523	0.00243729	0.334195	-2.99097	0.001716591	0.312788	-3.19706	0.0475205	1.80159	1.80159	0.537996	1.1758	1.1758	0.00088567	0.274248	-3.64631	0.00106011	0.2844451	-3.51562	0.000154247	0.180615	-5.38749	0.0746919	0.507125	-1.627469	13.6401	14.571	0.9499555	1
cg06681768	DLX4,DLX4	0.000741265	3.50E-05	0.70731	0.707351	0.0325767	2.03597	2.003317	0.52157	0.524757	0.542937	0.544294	1.19129	1.19129	0.007401	0.4154254	2.66635	2.66635	0.972151	1.00997	1.00997	0.490421	0.8194462	-1.22031	0.0132299	2.39361	0.962973	0.103128	0.1013228	12.8036	16.382	1.13732	1
cg02032626	DLX4,DLX4	0.00595236	0.8861224	1.03079	1.030795	0.0465008	1.6203	1.6203	0.0398562	0.604785	-1.65348	0.15849	0.7282023	0.728202	-1.37346	0.390094	2.04901	2.04901	0.0328975	0.589693	-1.6958	0.00202615	0.505868	2.50588	0.177769	1.35409	0.1345409	0.004595	2.222216	0.295625	4.935571	0.6306699	1
cg09730801	DLX4,DLX4	0.0172607	0.172741	0.647558	-1.54426	0.998005	0.999589	-1.00041	0.788909	0.922784	-1.08368	0.513125	1.21972	1.21972	0.138185	0.619996	-1.61291		0.006433	0.345997	-2.8902	0.000645469	0.2085431	-4.79517	0.1474448	0.627828	-1.59279	0.435729	0.7880092	-1.26889	4.94423	7.02273	1.26257	1
cg08971771	DLX4,DLX4	0.0185157	0.0032618	0.38638	6.26818	0.487232	1.38199	1.383199	0.00373461	0.610887	0.610887	0.0179176	2.67143	2.67143	0.441425	1.43304	1.43304		0.0205668	0.359191	3.93931	0.0504822	2.68816	2.68816	0.0117622	4.23058	0.4239308	0.2609911	1.71157	1.71157	4.822915	16.0685	2.65768	1
cg02002177	DLX5	8.91E-05	0.587117	1.10667	1.10667	-0.256336	0.803306	-1.24486	0.0833915	1.42515	1.42515	0.00046139	2.77009	2.77009	0.796137	0.94902	1.04902		0.8338883	1.03959	1.03959	0.00110229	0.410957	-2.43335	3.15E-06	7.72107	7.72107	0.0277218	1.61772	1.61772	22.81173	14.3486	0.4810062	1
cg08832603	DLX5	0.000294812	0.703753	0.903233	-1.10713	0.0306662	0.508444	-1.96679	0.0444764	1.84924	1.84924	0.0011843	3.54952	3.54952	0.00722341	0.397129	-2.51807		0.380779	0.787028	-1.2706	0.112461	0.631073	-1.5846	1.69E-05	10.5191	10.5191	0.4073	1.25334	1.25334	16.5289	18.5777	0.9990772	1
cg16924616	DLX5	0.002297971	0.0229938	0.57961	-1.72505	0.0124123	0.214123	-4.67123	0.0013986	0.893127	0.893127	0.0139511	2.8777	2.8777	0.0155972	0.761254	1.31362		0.0530097	0.215173	4.64801	0.0159813	0.450359	-2.22045	0.0019346	4.05603	0.0178947	1.644474	0.470662	0.178947	1.644474	0.470662	31.70122	1.70981	1
cg01169726	DLX5	0.000359924	0.769407	1.0616	1.06159	0.124039	0.712711	-1.40309	0.00230145	2.37793	2.37793	0.00059914	2.93512	2.93512	0.407077	0.861469	-1.16081		0.0103007	0.92971	1.92971	0.298578	0.80525	-1.24494	2.49E-05	5.49447	5.49447	0.00495256	2.13114	2.13114	15.6485	10.2475	0.58209	1
cg06537230	DLX5	0.000998944	1.729292	1.72192	0.426935	0.873129	1.54524	1.545243	0.00260799	1.98961	1.9896	0.027983	0.985028	0.985028	-1.01522	0.445925	0.878247	-1.13863	0.5930343	1.53216	1.53216	0.0267281	1.55057	1.55057	5.01958	5.01958	0.00485155	1.866644	1.866644	15.5655	6.882209	0.3938722	1
cg18544329	DLX5	0.00040702	0.107425	1.33009	1.35009	0.00164864	0.23816	2.238161	0.00420591	1.95165	1.95165	0.00186656	2.19904	2.19904	0.522706	1.11561	1.11561		0.2951155	1.20201	1.20201	0.05058466	0.8363635	-1.46706	1.50E-05	5.56133	5.56133	0.00430885	1.963	1.963	18.9434	8.34197	0.3425205	1
cg11367354	DLX5	0.000498876	0.463884	1.12117	1.12117	0.0352589	0.686472	-1.45672	0.948562	1.00095	1.00095	0.072175	1.36053	1.36053	0.249887	0.831538	-1.20259		0.7938008	0.960612	-1.041	0.6135082	0.625598	-1.59847	1.11E-05	4.19778	4.19778	0.145274	1.27117	1.27117	14.29244	5.330278	0.3731344	1
cg06931084	DLX5	0.000631038	0.241613	1.35826	1.35826	0.523037	1.17552	1.17552	0.867476	1.07309	1.03929	0.00115918	2.39403	2.39403	0.107733	0.640204	-1.55038		0.1888	0.706256	-1.41592	0.0761006	0.6330754	-1.63732	2.27E-05	8.33199	8.33199	0.0351345	1.725151	1.725151	12.3914	13.2393	0.8778626	1
cg11997899	DLX5	0.000758216	0.892247	0.958504	-1.04329	0.856-05	0.693666	0.693666	0.0162607	2.50663	2.50663	0.00144868	4.21685	4.21685	0.96934	1.01207	1.01207		0.8784646	0.953345	-1.04894	0.871683	1.05185	1.05185	0.000163198	7.42722	7.47222	0.0134844	2.60233	2.60233	12.7225	19.703	1.37659	1
cg00096922	DLX5	0.001883094	0.0418304	1.82329	1.82329	0.28105	0.58542	0.585542	0.9440668	1.02247	1.02247	0.00942676	2.78453	2.78453	0.383292	1.32078	1.32078		0.4121319	1.29817	1.29817	0.0792476	0.5465512	-1.83562	0.000157243	7.24922	7.24922	0.0782677	1.838315	1.838315	12.2516	18.7913	1.56336	1
cg17083494	DLX5	0.004127223	0.860272	0.914483	-1.09308	0.00546254	0.157869	-6.39438	0.126524	2.304668	2.304668	0.0496	0.309071	-3.23551	0.929319	0.04603	-1.04603		0.300033	0.581287	-1.72032	0.0201411	0.2427151	-4.12205	0.00169439	9.63542	9.63542	0.0165015	4.39174	4.39174	7.77867	31.4358	3.59225	1
cg18873386	DLX5	0.00464488	0.369544	0.745631	-1.34115	0.0422374	2.107	2.107	0.673662	0.873794	-1.14443	0.842385	0.938557	-1.06547	0.148258	0.610175	-1.63888		0.103914	0.567596	-1.76182	0.0757961	0.532881	-1.87659	0.000186893	7.4524	7.4524	0.194265	1.54869	1.54869	7.50515	12.0589	1.42822	1
cg11891395	DLX5	0.00490131	0.123551	2.03084	2.03084	0.927801	1.0412	1.0412	0.0171671	3.65094	3.65094	0.149747	1.99098	1.99098	0.0976672	1.644719	1.24861		0.2590222	1.60061	1.60061	0.0209047	0.2863822	-3.49184	0.000197266	13.4712	13.4712	0.282653	1.6451	1.6451	7.38337	23.2506	2.79916	1
cg02050426	DLX5	0.000791259	0.656583	0.813043	-1.22995	0.00933241	0.101758	-9.82723	0.158274	0.497783	-2.00891	0.0092366	2.216936	-6.60965	0.144446	2.06482	2.06482		0.0779368	0.404157	-2.47429	0.019731	0.271892	-3.67793	0.07152	2.3564	2.3564	0.488508	0.722195	-1.38467	0.366011	21.5667	3.01132	1
cg10249339	DLX5	0.000819078	0.0807949	2.29764	2.29764	0.0307762	0.301458	3.314658	0.0017567	1.16519	1.16519	0.2211111	0.577123	1.732955	0.0001758	2.42211	1.42211		0.9090555	0.950282	-1.05232	0.0205603	0.9398488	0.3844225	-2.60125	0.000560398	9.84039	9.84039	0.667569	0.831391	-1.2028	6.2405	18.0778	2.57267	1
cg01448276	DLX5	0.01605977	0.523469	1.39956	1.39956	0.0406129	0.292553	-3.41818	0.709235	0.823055	-1.21499	0.753794	0.849104	-1.17771	0.676059	0.803748	1.24417		0.8428828	0.901973	1.10868	0.0469845	0.306648	-3.26106	0.000687233	14.8051	14.8051	0.840856	0.900754	-1.11018	5.06472	21.6802	3.805	1
cg17916835	DLX5	0.0182575	0.243703	2.12517	2.12517	0.0139688	0.153164	-6.52894	0.536535	0.679226	-1.47226	0.525425	1.48837	0.488537	0.0205714	5.6071	5.6071		0.325283	0.533793	1.87338	0.0360232	0.221523	-4.51421	0.0115431	7.04452	7.04452	0.422496	0.602687	-1.65924	4.85188	29.3511	5.37727	1
cg27032146	DLX5	0.00301689	0.697835	0.80123	-1.24808	0.02661	0.224741	-4.44957	0.827886	0.865651	-1.13167	0.966307	1.024929	1.024929	0.568069	0.739175	-1.35286		0.69706	0.800721	-1.24888	0.153012	0.459216	-2.38541	0.00144498	13.674	13.674	0.107249	1.040575	1.040575	20.8473	0.543355	0.0260981	1
cg11500797	DLX5	0.0349674	0.648439	0.796431	-1.2556	0.100418	0.409671	-2.44098	0.0269941	3.55727	3.55727	0.802648	1.13221	1.13221	0.903979	1.06167	1.06167		0.944243	0.965912	-1.03529	0.44229	0.6780993	-1.47472	0.00192043	8.82759	8.82759	0.346227	1.617368	1.617368	3.868444	15.0641	3.46143	1
cg07548367	DLX5	0.0144882	0.214538	1.54492	1.54492	0.126085	0.58542	0.585542	0.9440668	1.02247	1.02247	0.00942676	2.78453	2.78453	0.383292	1.32078	1.32078		0.4121319	1.29817	1.29817	0.0792476	0.5465512	-1.83562	0.000157243	7.24922	7.24922	0.0782677	1.838315	1.838315	12.2516	18.7913	1.56336	1
cg18876790	DLX5	0.0457189	0.456271	1.36089	1.36089	0.104146	0.493062	-2.02814	0.438074	0.75226	-1.32882	0.610233	0.815575	-1.23217	0.769341	0.887725	-1.12648		0.928926	0.964418	-1.03689	0.709936	0.454266	-2.20135	0.00231753	5.62929	5.62929	0.629555	0.820876	-1.21821	5.30644	9.15435	2.32183	1
cg24115040	DLX5	0.04744	0.461996	1.31283	1.31283	0.316681	0.686413	-1.45685	0.496596	0.77826	-1.28492	0.78843	1.10271	1.10271	0.0352427	0.410065	-2.43864		0.931546	0.969253	-1.03172	0.365946	0.71345	-1.40164	0.00290807	4.42583	4.42583	0.481351	1.29714	1.29714	3.45625	7.23274	1.86014	1
cg07036494	DLX5	0.0476376	0.170886	1.44543	1.44543	0.0939646	0.217041	-4.60742	0.0929237	1.28251	1.28251	0.0193654	1.907706	1.907706	-1.41302	0.708737	1.44755		0.329112	1.524404	1.524404	0.0933	0.2508242	-3.9986	0.00710958	5.24179	5.24179	0.241172	0.4477151	0.643408	0.5082	22.4496	5.78273	1
cg27035581	DLX6,DLX6AS	0.0184316	0.00238857	0.382055	-2.61743	0.804455	0.945174	-1.05801	0.0206388	1.88438	1.88438	0.0485402	0.599167	-1.66898	0.396107	0.820755	-1.21839		0.367722	1.23406	1.23406	0.381355	0.724316	-1.38061	0.0539044	0.608098	-1.64447	0.186975	0.7276553	-1.37428	0.83639	3.95748	0.9725	1.27352	1
cg23767994	DLX6,DLX6AS	0.000484945	0.000633097	0.315864	-3.16525	0.0147762	0.130457	3.38494	0.00790442	2.82925	2.82925	0.00504347	3.91407	3.91407	0.0137098	0.605857	-1.65098		0.0199542	0.494155	2.02366	0.0048865	0.08569	-11.6705	15.4098	0.08569	0.018571	0.4855	2.059	2.059	14.4086	0.42308	0.0293107	1
cg23184042	DLX6AS	0.000984884	0.746776	0.874312	-1.14376	0.00145808	0.148681	-6.72581	0.00603068	0.225973	-4.42531	0.00939449	0.129249	-7.73702	0.0940914	2.14501	2.14501		0.00376181	0.197621	-5.06018	0.000234311	0.0797287	-12.5425	0.00859928	0.249238	-4.01222	0.0329446	0.35553	-2.8127	11.8174	32.1701	2.41978	1
cg04832767	DLX6AS	0.0229636	0.717015	1.52961	1.52961	0.0422512	0.15368	15.3608	0.142425	6.30347	6.30347	0.961375	0.945023	-1.05818	0.01764228	29.0993	29.0993		0.9490904	0.928116	-1.0774	0.2831552	0.0486608	-20.5504	0.00442204	84.4064	84.4064	0.222709	4.46446	4.46446	4.48731	96.8927	19.1934	1
cg00747969	DLX6AS	0.034394	0.351911	1.39338	1.39338	0.0988045	0.527822	2.15485	0.15485	0.990256	0.990256	0.979709	-1.01098	0.011988	0.4202241	1.14867	1.14867		0.29856	1.1639	1.1639	0.0626092	0.3784729	-2.64233	0.00506398	9.84039	9.84039	0.667569	0.831391	-1.2028	6.2405	18.0778	2.57267	1
cg01759597	DLX6AS	0.0385934	0.0284733	3.72329	3.72329	0.0795869	2.68948	2.68948	0.0579131	2.97447	2.97447	0.0170145	4.39105	4.39105	0.0864806	2.61927	2.61927		0.5609309	0.741583	-1.34847	0.693903	1.22278	1.22278	0.00495054	6.63411	6.63411	0.653262	1.25851	1.25851	3.7319	15.2811	3.63976	1
cg20189913	DLX6AS	0.0413883	0.489887	1.24838	1.24838	0.0952188	0.492188	-2.03168	0.0724	3.04188	-1.3346	0.0557946	0.68912	-1.45107	0.0725424	0.689125	1.45107		0.1818597	1.40569	1.40569	0.0260838	0.3214665	-3.11037	0.00455139	5.60608	5.60608	0.524463	1.70037	1.70037	4.38675	15.4781	3.59116	1
cg13209445	DLX6AS	0.0421849	0.828584	0.891901	-1.1212	0.252849	1.87782	1.87782	0.0785604	6.0468	6.0468	0.454734	0.669164	-1.4944	0.0174253	4.60526	4.60526		0.4048	1.637811	-1.56786	0.767074	0.860316	-1.16236	0.022799	4.2104	4.2104	0.152798	2.24311	2.24311	6.34144	15.9208	3.91861	1
cg18586634	DLX6AS	0.0481999	0.633978	0.82399	-1.21361	0.874049	0.93798	-1.06612	0.353158	0.680052	-1.47048	0.879545	0.94063	-1.06312	0.00788308	3.9579	3.9579		0.8094311	1.10242	1.10242	0.420224	0.717224	-1.39426	0.00897795	3.8232	3.8232	0.0792044	2.19574	2.19574	3.43557	8.86343	2.29325	1
cg09327602	DLX6AS,DLX6	0.00656162	0.0156423	1.59159	-1.59159	0.0422786	0.824704	-1.21256	0.00788408	0.43194	-2.31554	0.00526104	0.264339	-3.78302	0.00634985	0.418557	-2.38991		0.0006329	1.59408	1.59408	0.119005	0.8679952	-1.15214	0.0101812	1.2392	1.2392	0.0079598	3.146826	3.146826	0.6088	6.19548	1.55539	1
cg08745288	DLX6AS,DLX6	0.000903488	0.178233	2.58633	2.586333	0.00479585	0.164034	-6.09629	0.0354936	0.445926	-2.24252	0.00214889	0.241269	-4.14475	0.0358458	0.446831	-2.23798		0.0035174	2.370977	-3.69305	0.00115371	0.206912	-4.83296	0.0592976	0.21862	0.21862	0.1467	0.598117	-1.67177	12.1095	20.8737	1.53222	1
cg02889094	DLX6AS,DLX6	0.00124064	0.894741	1.13387	1.13387	0.0466	0.568461	-1.75956	0.0446	0.553058	-1.80756	0.0443	0.555	-1.8018	0.0442	0.553	-1.8083		0.0194955	1.304	1.304	0.0206241	0.4158	-2.4048	0.0182163	1.8307	1.8307	0.0187	2.1	2.1	1.50077	0.00474241	0.4154	2.4073	0.4345	1
cg20479774	DLX6AS,DLX6	0.00119237	0.417046	1.14181	1.14181	0.0627027	1.39778	1.39778	0.00710665	1.74374	1.74374	0.0291961	1.34497	1.34497	0.0190615	0.611209	-1.6361		0.4282019	0.878688	-1.13806	0.0162232	0.624925	-1.60018	0.00884292	1.35061	1.35061	0.000313353	2.88972	2.88972	10.7063	4.33152	0.359523	1
cg09127602	DLX6AS,DLX6AS	0.00656162	0.0156423	1.59159	-1.59159	0.0422786	0.824704	-1.21256	0.00788408	0.43194	-2.31554	0.00526104	0.264339	-3.78302	0.00634985	0.418557	-2.38991		0.0006329	1.59408	1.59408	0.119005	0.8679952	-1.15214	0.0101812	1.2392	1.2392	0.0079598	3.146826	3.146826	0.6088	6.19548	1.55539	1
cg18676790	DLX6AS	0.0457189	0.456271	1.36089	1.36089	0.104146	0.493062	-2.02814	0.438074	0.75226	-1.32882	0.610233	0.815575	-1.23217	0.769341	0.887725	-1.12648		0.928926	0.964418	-1.03689	0.709936	0.454266	-2.20135	0.00231753	5.62929	5.62929	0.629555	0.820876	-1.21821	5.30644	9.15435	2.32183	1
cg24115040	DLX6AS	0.04744	0.461996	1.31283	1.31283	0.316681	0.686413	-1.45685	0.496596	0.77826	-1.28492	0.78843	1.10271	1.10271	0.0352427	0.410065	-2.43864		0.931546	0.969253	-1.03172	0.365946	0.71345	-1.40164	0.00290807	4.42583	4.42583	0.481351	1.29714	1.29714	3.45625	7.23274	1.86014	1
cg07036494	DLX6AS	0.0476376	0.170886	1.44543	1.44543	0.0939646	0.217041	-4.60742	0.0929237	1.28251	1.28251	0.0193654	1.907706	1.907706	-1.41302	0.708737	1.44755		0.329112	1.524404	1.524404	0.0933	0.2508242	-3.9986	0.00710958	5.24179	5.24179	0.241172	0.4477151	0.643408	0.5082	22.4496	5.78273	1
cg27035581	DLX6,DLX6AS	0.0184316	0.00238857	0.382055	-2.61743	0.804455	0.945174	-1.05801	0.0206388	1.88438	1.88438	0.0485402	0.599167	-1.66898	0.396107	0.820755	-1.21839		0.367722	1.23406	1.23406	0.381355	0.724316	-1.38061	0.0539044	0.608098	-1.64447	0.186975	0.7276553	-1.37428	0.83639	3.95748	0.9725	1.27352	1
cg23767994	DLX6,DLX6AS	0.000484945	0.000633097	0.315864	-3.16525	0.0147762	0.130457	3.38494	0.00790442	2.82925	2.82925	0.00504347	3.91407	3.91407	0.0137098	0.605857	-1.65098		0.0199542	0.494155	2.02366	0.0048865	0.08569	-11.6705	15.4098	0.08569	0.018571	0.4855	2.059	2.059	14.4086	0.42308	0.0293107	1
cg23184042	DLX6AS	0.000984884	0.746776	0.874312	-1.14376	0.00145808	0.148681	-6.72581	0.00603068	0.225973	-4.42531	0.00939449	0.129249	-7.73702	0.0940914	2.14501	2.14501		0.00376181	0.197621	-5.06018	0.000234311	0.0797287	-12.5425	0.00859928	0.249238	-4.01222	0.0329446	0.35553	-2.8127	11.8174	32.1701	2.41978	1
cg04832767	DLX6AS	0.0229636	0.717015	1.52961	1.52961	0.0422512	0.15368	15.3608	0.142425	6.30347	6.30347	0.961375	0.945023	-1.05818	0.01764228	29.0993	29.0993		0.9490904	0.928116	-1.0774	0.2831552	0.0486608	-20.5504	0.00442204	84.4064	84.4064	0.222709	4.46446	4.46446	4.48731	96.8927	19.1934	1
cg00747969	DLX6AS	0.034394	0.351911	1.39338	1.39338	0.0988045	0.527822	2.15485	0.15485	0.990256	0.990256	0.979709	-1.01098	0.011988	0.4202241	1.14867	1.14867		0.29856	1.1639	1.1639	0.0626092	0.3784729	-2.64233	0.00506398	9.84039	9.84039	0.667569	0.831391	-1.2028	6.2405	18.0778	2.57267	1
cg01759597	DLX6AS	0.0385934	0.0284733	3.72329	3.72329	0.0795869	2.68948	2.68948	0.0579131	2.97447	2.97447	0.0170145	4.39105	4.39105	0.0864806	2.61927	2.61927		0.5609309	0.741583	-1.34847	0.693903	1.22278	1.22278	0.00495054	6.63411	6.63411	0.653262	1.25851	1.25851	3.7319	15.2811	3.63976	1
cg20189913	DLX6AS	0.0413883	0.489887	1.24838	1.24838	0.0952188	0.492188	-2.03168	0.0724	3.04188	-1.3346	0.0557946	0.68912	-1.45107	0.0725424	0.689125	1.45107		0.1818597	1.40569	1.40569	0.0260838	0.3214665	-3.11037	0.00455139	5.60608	5.60608	0.524463	1.70037	1.70037	4.38675	15.4781	3.59116	1
cg13209445	DLX6AS	0.0421849	0.828584	0.891901	-1.1212	0.252849	1.87782	1.87782	0.0785604	6.0468	6.0468	0.454734	0.669164	-1.4944	0.0174253	4.60526	4.60526		0.4048	1.637811	-1.56786	0.767074	0.860316	-1.16236	0.022799	4.2104	4.2104	0.152798	2.24311	2.24311	6.34144	15.9208	3.91861	1
cg18586634	DLX6AS	0.0481999	0.633978	0.82399	-1.21361	0.874049	0.93798	-1.06612	0.353158	0.680052	-1.47048	0.879545	0.94063	-1.06312	0.00788308	3.9579	3.9579		0.8094311	1.10242	1.10242	0.420224	0.717224	-1.39426	0.00897795	3.8232	3.8232	0.0792044	2.19574	2.19574	3.43557	8.86343	2.29325	1
cg09127602	DLX6AS,DLX6	0.00656162	0.0156423	1.59159	-1.59159	0.0422786	0.824704	-1.21256	0.00788408	0.43194	-2.31554	0.00526104	0.264339	-3.78302	0.00634985	0.418557	-2.38991		0.0006329	1.59408	1.59408	0.119005	0.8679952	-1.15214	0.0101812	1.2392	1.2392	0.0079598	3.146826	3.146826	0.6088	6.19548	1.55539	1
cg18591107	DLX6AS,DLX6	0.00227864	0.428773	1.63221	-1.63221	0.0194534	0.164057	-6.09627	0.0354936	0.445926	-2.24252	0.00214889	0.241269	-4.14475	0.0358458	0.446831	-2.23798		0.0035174	2.370977	-3.69305	0.00115371	0.206912	-4.83296	0.0592976	0.21862	0.21862	0.1467	0.598117	-1.67177	12.1095	20.8737	1.53222	1
cg07588540	DLX6AS,DLX6	0.00574703	0.525196	1.0528	1.0528	0.418677	0.936098	-1.06826	0.524059	1.05295	1.05295	0.0081168	0.762742	-1.31106	0.430349	0.937702	-1.06644		0.2980606	0.91756	-1.08985	0.000442349	0.641926	-1.55781	0.0340973	1.21849	1.21849	0.0800339	1.1679	1.1679	7.03192	0.711171	0.0898975	1
cg16183482	DLX6AS	0.00100289	0.416309	1.79162	-1.79162	0.0196146	0.463484	-2.15757	0.0601484	0.465262	-3.41937	0.0075993	0.339525	-2.56503	0.0131393	0.737381	-1.35667	0.0138	0.3686074	2.77633	2.77633	0.1881213	0.5315718	-1.88417	0.0076605	0.1774425	-5.63443	0.0178273	0.1774425	-5.63443	0.0178273	13.36351	0.10585	1
cg00813440	DMAP1,DMAP1,DMAP1	0.00144787	0.000188625	0.120328	-8.31063	0.915186	0.964813	-1.03647	0.0641474	0.30351	-3.29479	0.535581	1.23485	1.23485	0.000203013	0.123083	8.12461		0.0159305	0.370636	-2.69806	0.0370045	0.4429	-2.25785	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03740162	DMRT2;DMRT2;DMRT2;DMRT2;DMRT2;DMRT2	8.28E-05	0.70494	1.1227	1.1227	?	?	?	0.0801924	1.8049	1.8049	0.000850195	4.59658	4.59658	0.687083	0.88409	-1.13111	0.41175	0.774658	-1.29089	0.0314226	0.464015	-2.1551	2.60E-06	31.5244	31.5244	0.0378518	0.480671	-2.08043	23.884	31.1209	1.303	1
cg13718686	DMRT3	1.76E-05	0.0474305	0.71665	-1.39538	0.485907	1.10962	1.10962	1.57E-06	0.168723	-5.92688	0.0768891	0.749	-1.33511	0.000186941	0.395984	-2.52535	0.16069	0.80241	-1.24625	8.98E-06	0.243375	-4.10889	0.247467	0.837241	-1.1944	1.74E-05	0.274553	-3.64228	35.0342	11.9755	0.303842	1
cg14473327	DMRT3	5.75E-05	0.315158	1.13462	1.13462	0.537575	1.07886	1.07886	0.0460874	1.32041	1.32041	0.0383004	1.339	1.339	0.671192	1.0533	1.0533	0.0537982	0.766239	-1.30508	0.00662574	0.651444	-1.53505	7.72E-07	5.03326	5.03326	0.0994457	1.24557	1.24557	25.6563	6.00864	0.208175	1
cg10005978	DMRT3	0.000441548	0.00171535	3.08546	3.08546	0.00722245	2.39339	2.39339	0.125135	0.658443	-1.51873	0.0287426	1.91434	1.91434	0.00142005	0.312759	-3.19735	0.0354194	0.539786	-1.85259	0.00192506	0.331133	-3.01994	0.000897035	3.49555	3.49555	0.832863	0.948191	-1.05464	14.7911	14.8457	0.89217	1
cg26489108	DMRT3	0.00405784	0.116724	0.319969	-3.1253	0.00834967	0.105023	-9.52169	0.148731	0.355049	-2.81651	0.0027905	0.0635692	-15.7309	0.00135892	0.0446319	-22.4055	0.00690246	0.0965146	-10.3611	0.00164201	0.0490864	-20.3722	0.0284512	0.177472	-5.63471	0.00468095	0.0809622	-12.3514	7.81857	55.3553	6.29331	1
cg14391770	DMRT3	0.00421785	0.678255	1.08014	1.08014	0.00598072	1.94252	1.94252	0.273465	0.810096	-1.23442	0.733895	1.06509	1.06509	0.790115	1.05053	1.05053	0.760426	1.05814	1.05814	0.00522026	0.506106	-1.97587	0.000373637	2.86226	2.86226	0.471325	1.145	1.145	7.72779	4.17951	0.480748	1
cg12420104	DMRT3	0.00525177	0.795104	1.05438	1.05438	0.0849494	0.678683	-1.47344	0.011953	1.89296	1.89296	0.165672	0.740203	-1.35098	0.631372	0.90632	-1.10336	0.57591	1.12186	1.12186	0.846218	1.0403	1.0403	0.000170875	3.66917	3.66917	0.279285	1.25719	1.25719	7.2292	4.74029	0.582857	1
cg13663644	DMRT3	0.00732469	0.0574796	0.242916	-4.11666	0.00163448	0.0512295	-19.52	0.0574054	0.242787	-4.11883	0.282875	0.479548	-2.0853	0.00596696	0.0937116	-10.671	0.0388584	0.206968	-4.83167	0.000747968	0.0344134	-29.0585	0.0316779	0.190336	-5.25386	0.0856581	0.286164	-3.4945	6.52211	44.8082	6.10683	1
cg14176274	DMRT3	0.00871689	0.915136	1.02975	1.02975	0.512118	1.20062	1.20062	0.551652	1.18012	1.18012	0.122822	1.58371	1.58371	0.00293935	0.325224	-3.0748	0.270327	1.37113	1.37113	0.00300582	0.326647	-3.06141	0.312337	0.750202	-1.33297	0.00779997	0.390901	-2.55819	6.17461	7.39569	1.06467	1
cg23805360	DMRT3	0.0149271	0.367029	0.85623	-1.16791	0.0901251	1.36733	1.36733	0.80836	0.960116	-1.04154	0.318156	1.18866	1.18866	0.269933	0.82496	-1.21218	0.419634	0.870995	-1.14811	0.589413	1.09556	1.09556	0.000322611	2.64967	2.64967	0.52498	1.11394	1.11394	5.18905	2.30574	0.394976	1
cg14067101	DMRT3	0.0258899	0.130478	0.289704	-3.4518	0.166598	0.326681	-3.06109	0.420584	0.535695	-1.86673	0.00506932	0.0601615	-16.6219	0.00324263	0.0475632	-21.0247	0.0230404	0.127207	-7.86122	0.181928	0.341364	-2.92942	0.843504	0.860763	-1.16176	0.0231107	0.127392	-7.8498	4.30445	39.23	8.10119	1
cg17909890	DMRTA1	0.00033611	0.033762	0.517261	-1.93326	0.036549	1.90804	1.90804	0.294466	1.33526	1.33526	0.000356935	4.58886	4.58886	0.149495	0.66303	-1.50823	0.102746	0.622072	-1.60753	0.0998723	0.619115	-1.61521	2.68E-05	9.07114	9.07114	0.206503	0.701674	-1.42516	15.9456	17.8559	0.995381	1
cg05147200	DMRTA1	0.00581778	0.595672	0.93206	-1.07289	0.0685543	1.30716	1.30716	0.13145	0.807402	-1.23854	0.423161	0.898098	-1.11346	0.342362	0.879393	-1.13715	0.00966023	0.650363	-1.5376	0.00484139	0.612072	-1.63379	0.000393012	0.476187	-2.10002	0.139119	0.81128	-1.23262	7.00548	1.91497	0.242981	1
cg14338345	DMRTA1	0.00784976	0.012519	0.372686	-2.68323	0.0969204	1.78416	1.78416	0.0534063	0.497991	-2.00807	0.00570177	3.16431	3.16431	0.895194	0.958986	-1.04277	0.232614	0.671849	-1.48843	0.283826	0.70202	-1.42446	0.00521572	3.22568	3.22568	0.285615	0.703013	-1.42245	6.38208	10.2049	1.42132	1
cg00152008	DMRTA2	2.45E-05	0.934896	1.01509	1.01509	0.233526	1.25727	1.25727	0.231935	1.25835	1.25835	0.114646	1.36957	1.36957	0.472208	0.874562	-1.14343	0.741266	1.06262	1.06262	0.411882	0.85745	-1.16625	1.76E-07	19.0503	19.0503	0.453194	1.15035	1.15035	32.1335	17.0988	0.472992	1
cg17800654	DMRTA2	0.000117913	0.0129917	0.475866	-2.10143	0.751484	1.07955	1.07955	0.295471	0.769992	-1.29871	0.0388044	0.561919	-1.77962	0.0040226	0.394171	-2.53697	0.616987	0.885611	-1.12916	0.0229178	0.5191	-1.92641	3.15E-06	14.3449	14.3449	0.753884	1.07872	1.07872	21.1845	19.4738	0.817108	1
cg10936352	DMRTA2	0.000920115	0.536655	1.13519	1.13519	0.397126	1.1921	1.1921	0.968678	1.00799	1.00799	0.650264	0.911646	-1.09692	0.546898	0.883779	-1.1315	0.79314	1.05471	1.05471	0.885934	1.02952	1.02952	8.80E-06	7.06285	7.06285	0.0329729	1.65766	1.65766	12.0472	7.83649	0.578206	1
cg27265170	DMRTA2	0.0021158	0.376822	1.46952	1.46952	0.123469	2.03035	2.03035	0.0111668	3.85703	3.85703	0.0189402	3.34081	3.34081	0.506	0.750939	-1.33167	0.427169	1.41075	1.41075	0.292561	0.629086	-1.58961	5.33E-05	24.5522	24.5522	0.0118996	3.7902	3.7902	9.48488	27.0637	2.53631	1
cg06724305	DMRTA2	0.00241733	0.157727	1.46344	1.46344	0.0188662	0.48822	-2.04826	0.202099	0.712115	-1.40427	0.0881651	1.60692	1.60692	0.00635541	0.408424	-2.44844	0.275454	0.75126	-1.3311	0.00065237	0.267842	-3.73355	0.0151766	2.12101	2.12101	0.0109391	0.447057	-2.23685	9.1218	9.18026	0.894586	1
cg19380001	DMRTA2	0.00296547	0.203297	1.81024	1.81024	0.609289	1.25584	1.25584	0.173524	1.89636	1.89636	0.962369	0.979366	-1.02107	0.996261	0.997932	-1.00207	0.513183	1.34052	1.34052	0.271485	0.602963	-1.65848	3.04E-05	36.6676	36.6676	0.61303	1.2528	1.2528	8.58761	26.5624	2.74942	1
cg04431629	DMRTA2	0.00338362	0.363719	0.686823	-1.45598	0.749288	1.13774	1.13774	0.156659	1.83996	1.83996	0.00967025	3.73488	3.73488	0.939583	0.969953	-1.03098	0.430847	0.723541	-1.38209	0.384675	0.698569	-1.4315	6.96E-05	18.6061	18.6061	0.842098	1.08358	1.08358	8.25688	21.1823	2.28037	1
cg09846084	DMRTA2	0.00356845	0.00171763	0.121453	-8.23365	0.00331923	0.151996	-6.57914	0.140632	0.473903	-2.11014	0.0333028	0.30973	-3.22862	0.00326103	0.151106	-6.61787	0.00606202	0.184777	-5.41193	0.000859541	0.0945978	-10.5711	0.55698	0.755882	-1.32296	0.0178271	0.257431	-3.88454	8.12654	28.5704	3.12506	1
cg10776919	DMRTA2	0.0096352	0.0111638	9.52674	9.52674	0.0375689	5.40864	5.40864	0.676235	1.33278	1.33278	0.0941285	3.58411	3.58411	0.550865	1.51157	1.51157	0.191475	2.59462	2.59462	0.93427	1.05799	1.05799	0.000212446	100.793	100.793	0.307741	2.06548	2.06548	6.80636	49.2861	5.63203	1
cg25191628	DMRTA2	0.0103913	0.0213897	0.225062	-4.44322	0.0802326	0.351067	-2.84846	0.293132	0.555303	-1.80082	0.148467	0.433442	-2.30711	0.00212088	0.0973119	-10.2762	0.0252812	0.238188	-4.19837	0.019735	0.218975	-4.56674	0.0348758	3.7671	3.7671	0.0349979	0.265768	-3.76268	5.8384	26.9023	4.09584	1
cg00945234	DMRTA2	0.0200789	0.021754	0.227143	-4.40251	0.441897	0.655757	-1.52496	0.914839	0.944062	-1.05925	0.0339585	0.263911	-3.78916	0.0087804	0.165967	-6.02529	0.0484252	0.297171	-3.36507	0.0023422	0.101714	-9.83152	0.192892	0.476377	-2.09918	0.0208206	0.223788	-4.46851	4.69827	21.548	4.07676	1
cg07362328	DMRTA2	0.027671	0.0167026	0.172941	-5.78233	0.164467	0.410294	-2.43728	0.621167	0.741406	-1.34879	0.0400795	0.240523	-4.15761	0.00821	0.131185	-7.62284	0.364891	0.571663	-1.74928	0.00399617	0.097907	-10.2138	0.202897	0.446028	-2.24201	0.0220855	0.19232	-5.19968	4.20525	24.0269	5.07872	1
cg06159394	DMRTA2	0.0284802	0.016427	0.277141	-3.60828	0.0376757	0.348168	-2.87218	0.227819	0.574642	-1.74021	0.241202	0.58455	-1.71072	0.0590184	0.393349	-2.54227	0.0826545	0.431211	-2.31905	0.00175879	0.142194	-7.03264	0.148004	0.507036	-1.97224	0.0246258	0.309979	-3.22603	4.16275	12.6268	2.69625	1
cg10512745	DMRTA2	0.0286468	0.00753021	0.0148904	-67.1576	0.357505	0.314231	-3.18237	0.82605	1.309	1.309	0.163561	0.162196	-6.16537	0.0106504	0.0196774	-50.8196	0.13909	0.142608	-7.01225	0.00732089	0.0145528	-68.7151	0.184641	0.17883	-5.5919	0.0181695	0.0299352	-33.4055	4.15419	98.4646	21.0689	1
cg12756396	DMRTA2	0.0286494	0.645866	1.25082	1.25082	0.336687	0.619321	-1.61467	0.723198	0.841966	-1.1877	0.107815	0.42794	-2.33677	0.0174069	0.246482	-4.0571	0.110883	0.431639	-2.31675	0.0457677	0.330333	-3.02725	0.00868379	5.04208	5.04208	0.119862	0.442104	-2.26191	4.15405	15.3925	3.29372	1
cg00184452	DMRTA2	0.0318447	0.0799032	2.18386	2.18386	0.147344	1.86818	1.86818	0.37646	0.694324	-1.44025	0.0150219	0.300728	-3.32526	0.0535412	0.41424	-2.41406	0.618763	0.817391	-1.22341	0.566838	1.26199	1.26199	0.0290595	2.81256	2.81256	0.133964	0.522227	-1.91487	4.00083	10.2375	2.27452	1
cg22711792	DMRTA2	0.0319479	0.389298	0.410824	-2.43413	0.170646	0.229644	-4.35456	0.887185	1.15388	1.15388	0.0193573	0.057753	-17.3151	0.0140877	0.0470914	-21.2353	0.0904406	0.152414	-6.56108	0.00324843	0.0174718	-57.2351	0.995621	0.994482	-1.00555	0.0431154	0.0957088	-10.4484	3.99621	64.3504	14.3137	1
cg19030579	DMRTA2	0.0417371	0.701299	0.866461	-1.15412	0.000771732	6.6413	6.6413	0.266932	1.53751	1.53751	0.86281	0.9377	-1.06644	0.632015	1.19656	1.19656	0.731794	0.879893	-1.1365	0.309433	1.47876	1.47876	0.109544	1.91339	1.91339	0.746783	1.12805	1.12805	3.62575	7.94302	1.94731	1
cg13210260	DMRTA2	0.0447425	0.505619	0.808841	-1.23634	0.10124	1.7571	1.7571	0.769873	0.911979	-1.09652	0.934268	1.02625	1.02625	0.299881	0.713592	-1.40136	0.482383	1.25139	1.25139	0.241345	0.680299	-1.46994	0.00154057	4.18275	4.18275	0.612669	1.17393	1.17393	3.5331	5.52043	1.38888	1
cg06921573	DMRTA2;DMRTA2	0.00459573	0.508875	1.19359	1.19359	0.346531	1.29173	1.29173	0.946515	1.01787	1.01787	0.655238	1.126	1.126	0.745702	1.08973	1.08973	0.215954	1.41041	1.41041	0.622157	0.877069	-1.14016	4.20E-05	7.83312	7.83312	0.763726	1.08286	1.08286	7.52945	8.31566	0.981706	1
cg26560222	DMRTA2;DMRTA2	0.00908808	0.311525	1.30287	1.30287	0.0256194	1.95428	1.95428	0.154776	1.46935	1.46935	0.224024	1.38096	1.38096	0.392903	1.24753	1.24753	0.444389	1.21777	1.21777	0.130529	0.661909	-1.51078	0.000184152	4.93776	4.93776	0.521944	1.17822	1.17822	6.09351	6.16235	0.898931	1
cg05885647	DMRTB1	1.61E-05	0.00591197	1.375	1.375	0.408917	1.07755	1.07755	0.0825221	0.843605	-1.18539	0.360717	1.08665	1.08665	1.81E-07	0.242449	-4.12458	0.519821	0.943933	-1.0594	0.257794	1.11008	1.11008	0.869439	1.01465	1.01465	0.0214026	0.783104	-1.27697	35.8209	4.43707	0.110105	1
cg07203271	DMRTB1	0.000499068	0.770573	1.03326	1.03326	0.0194217	1.37185	1.37185	3.97E-05	0.415203	-2.40846	0.193132	1.16658	1.16658	0.664234	1.05008	1.05008	0.00187395	1.63788	1.63788	0.470241	0.921102	-1.08566	0.193534	1.1664	1.1664	0.00382517	0.646463	-1.54688	14.2979	2.83438	0.176211	1
cg07220007	DMRTB1	0.000808491	0.00029207	0.409616	-2.44131	0.273802	0.841859	-1.18785	0.0604733	0.72615	-1.37713	0.406318	0.879489	-1.13702	5.23E-05	0.318895	-3.13583	0.246908	1.20084	1.20084	0.0287346	1.47691	1.47691	0.758655	0.954483	-1.04769	0.365785	0.868958	-1.1508	12.4949	4.52182	0.321683	1
cg10130718	DMRTB1	0.0150755	0.135487	1.47742	1.47742	0.05168	1.7112	1.7112	0.134053	0.675733	-1.47987	0.464444	1.19795	1.19795	0.78553	1.0684	1.0684	0.100805	0.646633	-1.54647	0.00139534	3.07476	3.07476	0.0159754	2.0454	2.0454	0.498269	1.18149	1.18149	5.17211	4.82009	0.828391	1
cg00578363	DMRTB1	0.0188076	0.160144	0.752896	-1.3282	0.0814395	1.44093	1.44093	0.38322	1.18426	1.18426	0.998354	1.00039	1.00039	0.409535	0.852548	-1.17295	0.306093	0.818388	-1.22191	0.000622484	0.369492	-2.70642	0.0927046	0.704749	-1.41895	0.925468	1.01785	1.01785	4.80355	2.72148	0.503605	1
cg16252727	DMRTB1	0.0193405	0.895765	0.977118	-1.02342	0.00219461	2.13486	2.13486	0.274978	1.22211	1.22211	0.200165	0.787424	-1.26996	0.82633	0.961937	-1.03957	0.91638	1.01872	1.01872	0.00279772	2.06993	2.06993	0.685834	1.07446	1.07446	0.441415	0.870552	-1.1487	4.75837	2.3503	0.439048	1
cg09254853	DMRTB1	0.0325957	0.858262	1.02778	1.02778	0.00306601	0.537153	-1.86167	0.176167	0.802174	-1.24661	0.696359	1.06195	1.06195	0.0373969	1.44808	1.44808	0.478326	1.11682	1.11682	0.0612132	1.38171	1.38171	0.769141	1.04614	1.04614	0.444177	0.887304	-1.12701	3.96757	1.47631	0.33075	1
cg00008810	DMRTB1	0.0471653	0.449186	1.11599	1.11599	0.819313	0.967965	-1.0331	0.020128	1.49022	1.49022	0.622643	1.07314	1.07314	0.198138	1.21355	1.21355	0.0151609	1.5289	1.5289	0.0654282	1.34215	1.34215	0.0456859	0.721782	-1.38546	0.153768	1.24274	1.24274	3.46383	1.11093	0.285086	1
cg07149641	DMRTB1;DMRTB1	0.0110442	0.913934	1.02023	1.02023	0.00433772	2.02602	2.02602	0.00538465	0.507291	-1.97125	0.820875	0.958865	-1.0429	0.42562	1.16263	1.16263	0.406304	1.17041	1.17041	0.11227	1.37748	1.37748	0.0144284	0.572095	-1.74796	0.169592	0.762617	-1.31127	5.72512	3.11062	0.482959	1
cg23232612	DMRTC2	0.00398296	0.0650261	0.803849	-1.24401	0.0029537	1.53741	1.53741	0.0212252	0.746835	-1.33898	0.387638	0.910901	-1.09781	0.0135073	1.38019	1.38019	0.0113554	1.39658	1.39658	0.00642535	1.45295	1.45295	0.396387	0.912534	-1.09585	0.200184	1.15329	1.15329	7.8626	1.38311	0.156364	1
cg24872117	DMRTC2	0.0176401	0.0171436	0.215592	-4.63839	0.246159	0.526977	-1.89762	0.091438	0.374664	-2.66906	0.100746	0.386945	-2.58435	0.0555089	0.317836	-3.14628	0.060874	0.327608	-3.05243	0.000949324	0.0741073	-13.4939	0.00812097	0.166971	-5.98907	0.491149	0.691181	-1.4468	4.90832	21.6861	3.92732	1
cg04515042	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.000733167	0.002751	0.354539	-2.82056	0.000362894	0.238232	-4.19759	0.00204829	0.336066	-2.97561	0.270775	0.749937	-1.33345	0.0120223	0.455583	-2.19499	0.000462498	0.250872	-3.98609	0.0010073	0.29379	-3.4038	0.0469316	1.7697	1.7697	0.068562	0.599484	-1.6681	12.8431	12.8122	0.886747	1
cg22958018	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.0015436	0.000948333	0.400632	-2.49606	0.163491	1.31792	1.31792	0.381328	1.18137	1.18137	0.104717	1.3898	1.3898	0.197536	0.776585	-1.28769	0.00106549	0.407439	-2.45435	0.00176822	0.437525	-2.28558	0.108285	1.38434	1.38434	0.0128886	0.563752	-1.77383	10.3934	5.67203	0.485094	1
cg00221736	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.00427798	0.00491847	0.519784	-1.92388	0.273987	0.818801	-1.2213	0.0317087	0.642585	-1.55622	0.322959	1.19638	1.19638	0.000658234	0.39991	-2.50056	0.129714	0.75015	-1.33307	0.00245855	0.477224	-2.09545	0.119378	1.34555	1.34555	0.491903	0.884624	-1.13042	7.69478	3.7588	0.434211	1
cg09865425	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.0189577	0.239647	1.35419	1.35419	0.0350357	1.85009	1.85009	0.309771	1.29479	1.29479	0.0829635	1.6111	1.6111	0.0948627	1.5769	1.5769	0.00443738	0.377944	-2.64589	?	?	?	0.120774	1.51683	1.51683	0.0416445	1.79913	1.79913	5.43399	4.4772	0.720935	1
cg24727620	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.00562475	0.740488	0.962005	-1.0395	0.3356	1.12268	1.12268	0.389342	1.10828	1.10828	0.718448	1.0431	1.0431	0.461469	0.916337	-1.0913	0.822604	1.02651	1.02651	8.35E-05	0.438177	-2.28218	0.62279	1.05948	1.05948	0.213895	1.16476	1.16476	7.07861	1.52262	0.191202	1
cg00659421	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.042087	0.0259568	0.51956	-1.9247	0.0420579	1.78648	1.78648	0.850029	1.048	1.048	0.367151	0.794947	-1.25795	0.752614	0.924663	-1.08148	0.608293	0.879811	-1.13661	0.00359232	0.376542	-2.65575	0.81738	1.05897	1.05897	0.764924	0.92841	-1.07711	3.61455	3.51258	0.863813	1
cg11657440	DMWD	0.00555394	0.0664989	1.67206	1.67206	0.00538531	6.65216	6.65216	?	?	?	0.0387978	0.50255	-1.98985	?	?	?	0.00585009	0.162436	-6.15627	0.0037781	9.63225	9.63225	?	?	?	0.00375214	9.70834	9.70834	179.385	32.7544	0.0608642	1
cg03758011	DMWD	0.0409947	0.352051	0.757014	-1.32098	0.0335069	0.485786	-2.05852	0.857902	0.949239	-1.05348	0.126217	0.618225	-1.61753	0.0124315	0.404846	-2.47007	0.946739	0.980768	-1.01961	0.210013	0.681136	-1.46814	0.12878	0.620543	-1.61149	0.00266244	0.298866	-3.34598	3.64991	4.88412	1.18946	1
cg12641515	DMWD	0.0466563	0.930214	0.988017	-1.01213	0.302808	0.863378	-1.15824	0.015329	1.50626	1.50626	0.563837	0.922835	-1.08362	0.072607	1.31742	1.31742	0.12686	0.796721	-1.25514	0.0204713	0.680895	-1.46866	0.687929	0.945945	-1.05714	0.252603	1.17876	1.17876	3.47801	1.04338	0.26666	1
cg04235548	DMXL1	0.000111876	0.268458	0.815877	-1.22568	0.000179356	3.06489	3.06489	0.000635989	2.52509	2.52509	0.223508	1.25331	1.25331	8.74E-05	0.288824	-3.46232	0.719064	0.938218	-1.06585	0.0768713	0.70656	-1.41531	0.000258521	2.89063	2.89063	0.0468668	0.669188	-1.49435	21.4852	10.6062	0.438801	1
cg16702713	DMXL1	0.000559887	0.880648	0.98843	-1.01171	0.404483	1.0683	1.0683	0.962235	0.996339	-1.00367	0.125261	1.13714	1.13714	0.0661093	1.17312	1.17312	0.569385	0.956439	-1.04554	7.01E-06	0.462955	-2.16004	0.659608	1.03493	1.03493	0.960284	1.00386	1.00386	13.8483	1.31576	0.0844556	1
cg00421654	DMXL1	0.000858362	1.75E-05	0.0299648	-33.3725	0.368486	1.44576	1.44576	0.541841	1.27947	1.27947	0.150256	1.85048	1.85048	0.780381	1.11801	1.11801	0.173396	1.78265	1.78265	?	?	?	0.0800558	0.460679	-2.17071	0.742809	1.14044	1.14044	12.5792	28.2054	2.24222	1
cg03606176	DMXL1	0.00234769	0.753314	0.952362	-1.05002	0.0758701	0.736487	-1.3578	0.0602145	0.720254	-1.3884	0.359256	1.15712	1.15712	0.0471003	1.42158	1.42158	0.00895579	0.597691	-1.6731	0.0001033	0.345258	-2.89638	0.970325	1.00578	1.00578	0.139989	1.27869	1.27869	9.20044	3.4926	0.337433	1
cg12032116	DMXL1	0.0328484	0.00601157	0.576398	-1.73491	0.265357	1.19501	1.19501	0.460779	0.891141	-1.12216	0.0151125	1.58126	1.58126	0.766496	0.955321	-1.04677	0.281527	0.842164	-1.18742	0.160695	0.794546	-1.25858	0.184549	0.805725	-1.24112	0.250607	1.20232	1.20232	3.95659	1.47621	0.331646	1
cg04856203	DMXL1;DMXL1	0.0330105	0.607379	0.901433	-1.10934	0.153031	1.35851	1.35851	0.1177	1.40521	1.40521	0.241193	0.782197	-1.27845	0.0154819	1.81242	1.81242	0.0556465	1.54374	1.54374	0.0136582	0.542952	-1.84178	0.400148	1.1882	1.1882	0.578579	0.893736	-1.1189	3.9496	2.50767	0.564372	1
cg02314835	DMXL2	0.000164029	3.82E-06	0.121599	-8.22375	0.0573307	1.44749	1.44749	0.454961	1.13741	1.13741	0.902382	0.97951	-1.02092	?	?	?	0.549907	0.90281	-1.10765	0.00270705	0.478501	-2.08986	0.595848	1.09465	1.09465	0.836191	1.03555	1.03555	25.5402	10.0184	0.343228	1
cg25581124	DMXL2	0.0026775	0.885872	0.969376	-1.03159	0.000277522	0.275688	-3.62729	0.000912039	0.341701	-2.92654	0.163843	1.37956	1.37956	0.202333	1.33846	1.33846	0.0977672	1.48204	1.48204	0.223419	1.31921	1.31921	0.861397	0.96286	-1.03857	0.853114	0.960656	-1.04096	8.85124	6.575	0.660297	1
cg17080902	DMXL2	0.00336713	0.00202692	0.396694	-2.52084	0.194176	0.746929	-1.33881	0.518585	0.870213	-1.14914	0.00459755	0.448752	-2.2284	0.00376065	0.435694	-2.29519	0.00117539	0.363711	-2.74943	0.00128752	0.369137	-2.70902	0.946076	0.985734	-1.01447	0.0983954	0.680429	-1.46966	8.26893	5.90959	0.635266	1
cg24118715	DNA2	0.00109966	0.00390182	0.468751	-2.13333	0.104483	0.707467	-1.41349	0.383703	0.840143	-1.19027	0.00216772	2.31453	2.31453	0.00195062	0.425598	-2.34963	0.0611398	0.662666	-1.50906	0.000408972	0.334643	-2.98826	0.129427	1.37642	1.37642	0.685837	1.08253	1.08253	11.4533	6.89794	0.535349	1
cg27570978	DNA2	0.00142519	?	?	?	0.0236685	3.44118	3.44118	0.240068	1.73495	1.73495	0.0181237	3.73081	3.73081	0.00106853	0.100814	-9.91927	0.638809	0.810185	-1.23429	0.000313366	0.0596628	-16.7609	0.162865	1.95279	1.95279	0.897004	1.0593	1.0593	13.0798	35.6581	2.38543	1
cg25185525	DNA2	0.00310611	0.555692	0.891302	-1.12195	0.994248	1.00139	1.00139	0.271434	0.801677	-1.24738	0.718985	1.07225	1.07225	4.25E-05	0.222531	-4.49376	0.320765	1.21905	1.21905	0.662753	1.08842	1.08842	0.271452	0.801684	-1.24737	0.0274737	0.604415	-1.65449	8.4702	5.00077	0.524796	1
cg06107304	DNA2	0.00311855	0.70883	0.922279	-1.08427	0.00142736	0.36972	-2.70475	0.0188378	0.54136	-1.8472	0.604863	0.893525	-1.11916	0.00221151	0.39651	-2.522	0.951674	1.01316	1.01316	0.00245246	2.48161	2.48161	0.352289	1.22931	1.22931	0.209221	0.751656	-1.3304	8.46014	6.23314	0.654903	1
cg06032048	DNA2	0.0101745	0.35339	0.821834	-1.21679	0.00279658	2.33171	2.33171	0.715664	1.07807	1.07807	0.00203128	2.44508	2.44508	0.0389024	0.611821	-1.63446	0.408398	0.840499	-1.18977	0.904165	1.02506	1.02506	0.0721304	1.51052	1.51052	0.711725	1.07926	1.07926	5.87798	3.93101	0.594461	1
cg17458101	DNA2	0.0132967	0.269924	0.796044	-1.25621	0.0681879	1.50004	1.50004	0.0925875	1.44412	1.44412	0.298464	1.23861	1.23861	0.0928213	1.44366	1.44366	0.0405069	0.625161	-1.59959	0.002988	0.445447	-2.24494	0.237771	1.27833	1.27833	0.0750023	0.674559	-1.48245	5.39024	3.36561	0.555013	1
cg25000555	DNA2	0.0223078	0.0410618	0.267532	-3.73788	0.907816	1.06693	1.06693	0.744956	1.20029	1.20029	0.192136	2.16454	2.16454	0.0159057	0.191755	-5.21498	0.339985	0.576927	-1.73332	0.00157364	0.0789242	-12.6704	0.447941	1.54122	1.54122	0.617125	0.75434	-1.32566	4.53227	22.4557	4.40412	1
cg23210309	DNA2	0.023308	0.0935678	0.512446	-1.95142	0.355675	1.41117	1.41117	0.441691	0.752472	-1.32895	0.501691	0.780993	-1.28042	0.00150149	0.190416	-5.25167	0.648274	0.846631	-1.18115	0.00377229	0.242431	-4.12488	0.312442	0.684694	-1.46051	0.361993	0.712006	-1.40448	4.46432	9.29174	1.85007	1
cg06637517	DNAH1	2.35E-05	0.000924775	0.246047	-4.06427	0.596208	0.859363	-1.16365	0.314681	1.34271	1.34271	0.170762	1.51197	1.51197	0.00694524	0.371592	-2.69113	0.5079	1.20972	1.20972	0.00513051	0.350692	-2.8515	5.53E-07	51.0462	51.0462	0.347612	0.76026	-1.31534	32.4751	41.3171	1.13091	1
cg15439202	DNAH1	0.000215996	0.000150351	0.234873	-4.25761	0.00617302	0.451565	-2.21452	0.284483	0.780768	-1.28079	0.172229	0.723672	-1.38184	0.000105414	0.217718	-4.5931	0.0203442	0.536612	-1.86355	1.24E-05	0.128608	-7.77559	0.0850594	0.654537	-1.5278	0.0171655	0.523906	-1.90874	17.9915	14.1176	0.697494	1
cg01348873	DNAH1	0.00225183	0.000269989	0.470941	-2.12341	0.808273	0.96982	-1.03112	0.396816	1.11558	1.11558	0.480838	0.913632	-1.09453	0.00211011	0.579874	-1.72451	0.316236	1.13953	1.13953	0.00350193	1.64754	1.64754	0.42139	0.901646	-1.10908	0.6825	0.949477	-1.05321	9.31358	2.34379	0.223691	1
cg16486432	DNAH1	0.0288356	0.0305046	0.381534	-2.621	0.219646	0.613123	-1.631	0.814394	0.914728	-1.09322	0.474871	0.759258	-1.31708	0.0065569	0.262278	-3.81275	0.0903894	0.493025	-2.0283	0.00376368	0.227165	-4.40209	0.0171815	0.332714	-3.00558	0.182654	0.585091	-1.70913	4.14456	9.42856	2.02216	1
cg23146632	DNAH1	0.0358986	0.688476	1.04559	1.04559	0.462149	1.08633	1.08633	0.0305982	0.755006	-1.32449	0.244963	1.14401	1.14401	0.023595	0.741537	-1.34855	0.624856	0.946944	-1.05603	0.00624446	1.48329	1.48329	0.85161	0.979498	-1.02093	0.636641	1.05405	1.05405	3.83176	0.742623	0.172273	1
cg01456368	DNAH1	0.0410136	0.0603262	5.14368	5.14368	0.287897	2.34672	2.34672	0.0692394	4.81369	4.81369	0.0698617	4.79299	4.79299	0.132821	3.50354	3.50354	0.132584	3.50666	3.50666	0.0254746	7.78851	7.78851	0.00411926	19.5848	19.5848	0.0148309	10.1487	10.1487	3.64929	34.5443	8.41424	1
cg26060971	DNAH1	0.0474691	0.00783396	0.176771	-5.65704	0.183122	0.488094	-2.04879	0.135802	0.442091	-2.26198	0.656606	1.2551	1.2551	0.110948	0.414035	-2.41526	0.564404	0.743905	-1.34426	0.0116016	0.20143	-4.9645	0.177036	2.07216	2.07216	0.23426	0.530923	-1.88351	3.45545	14.1105	3.62983	1
cg00026119	DNAH10	6.52E-07	0.0509718	0.823093	-1.21493	0.00762867	1.35041	1.35041	0.00465995	0.719266	-1.39031	7.94E-09	0.123841	-8.07488	1.81E-05	0.464717	-2.15185	0.00468548	0.719502	-1.38985	0.000185652	0.575351	-1.73807	0.0906151	0.84936	-1.17736	7.11E-05	0.530322	-1.88565	81.7706	9.93204	0.107966	1
cg27150598	DNAH10	2.45E-05	0.331132	0.918056	-1.08926	3.17E-07	0.280564	-3.56424	0.00667433	1.34996	1.34996	0.237998	0.899974	-1.11114	0.388901	0.927475	-1.0782	0.52559	0.946634	-1.05637	0.010747	1.31428	1.31428	0.0493617	0.825926	-1.21076	0.418873	1.07297	1.07297	32.1146	3.69767	0.102346	1
cg11961642	DNAH10	0.000118166	0.859854	1.018	1.018	0.000503308	0.577466	-1.7317	0.932929	1.00853	1.00853	1.79E-05	0.412742	-2.42282	8.24E-05	0.488629	-2.04654	0.00412711	1.47451	1.47451	0.194184	1.14874	1.14874	0.0370403	0.78313	-1.27693	0.902383	1.01246	1.01246	21.1724	3.41758	0.143482	1
cg03313451	DNAH10	0.000279314	0.110058	1.22217	1.22217	8.11E-05	2.26798	2.26798	0.888232	1.01633	1.01633	0.0426383	1.30846	1.30846	0.406728	0.906861	-1.1027	0.145225	0.835121	-1.19743	1.19E-05	2.90473	2.90473	0.251391	1.14801	1.14801	0.10616	1.22539	1.22539	16.7747	3.52511	0.186795	1
cg20079734	DNAH10	0.000330195	0.0537825	0.74389	-1.34429	0.000260647	0.444257	-2.25095	1.20E-05	0.286684	-3.48817	0.557498	1.08345	1.08345	0.944242	1.0095	1.0095	0.00329958	0.582277	-1.71739	0.340089	1.14207	1.14207	0.71061	0.950892	-1.05164	0.785226	1.0376	1.0376	16.0235	4.63265	0.256992	1
cg03785426	DNAH10	0.000364853	0.00754582	0.441107	-2.26702	0.0801426	0.629876	-1.58761	0.000837861	0.302255	-3.30847	0.00700773	0.435965	-2.29376	0.000194367	0.224733	-4.44973	5.51E-05	0.167379	-5.97447	0.00121899	0.324018	-3.08625	0.116648	1.50064	1.50064	0.0629425	0.607683	-1.64559	15.5901	13.9972	0.798066	1
cg13579661	DNAH10	0.000604706	0.159794	0.735968	-1.35875	0.000825901	2.79536	2.79536	0.0935188	1.45713	1.45713	0.768685	1.06204	1.06204	3.14E-05	0.19082	-5.24055	0.536079	0.879957	-1.13642	0.156169	1.36291	1.36291	0.166708	1.35109	1.35109	0.26078	0.787117	-1.27046	13.5543	8.94206	0.586418	1
cg00107285	DNAH10	0.000857506	0.0602964	0.699781	-1.42902	0.00591371	0.545155	-1.83434	0.307229	0.836865	-1.19494	0.487515	0.887943	-1.1262	0.000182494	0.344316	-2.90431	0.0226469	0.631405	-1.58377	6.05E-05	0.287019	-3.48409	0.00213703	0.483431	-2.06855	0.0416558	0.673215	-1.48541	12.2894	5.52552	0.399661	1
cg10575376	DNAH10	0.000917381	0.00147176	5.69933	5.69933	0.163658	1.75697	1.75697	0.126953	1.86986	1.86986	0.0477202	2.35939	2.35939	0.00136452	5.82417	5.82417	0.0433905	0.414453	-2.41282	0.000547761	7.65702	7.65702	0.0315105	0.384328	-2.60194	0.00177448	5.40536	5.40536	12.0574	27.451	2.02374	1
cg27125645	DNAH10	0.000945853	0.00587955	3.8317	3.8317	0.264661	1.54226	1.54226	0.319929	1.46669	1.46669	0.214474	1.62746	1.62746	0.00460014	4.07783	4.07783	0.00888527	0.289147	-3.45845	0.000228397	9.79564	9.79564	0.00710404	0.273619	-3.65471	0.0169338	2.96097	2.96097	11.9536	26.2919	1.95512	1
cg13568854	DNAH10	0.00117321	0.293625	0.768676	-1.30094	0.000243018	0.231002	-4.32897	0.000904049	0.301464	-3.31715	0.356727	1.25724	1.25724	0.112987	0.659286	-1.51679	0.00158927	0.334669	-2.98803	0.532224	1.16508	1.16508	0.000754306	0.291181	-3.43429	0.105621	0.652515	-1.53253	11.244	10.3861	0.821068	1
cg11549958	DNAH10	0.00132243	0.264989	0.787236	-1.27027	0.417391	1.18609	1.18609	0.0031003	0.434605	-2.30094	0.879344	1.03178	1.03178	0.000195583	0.275277	-3.63271	0.000151911	0.262298	-3.81246	0.356938	0.822747	-1.21544	0.79904	1.05394	1.05394	0.159892	0.734007	-1.36239	10.8657	7.29756	0.59699	1
cg07347092	DNAH10	0.00138071	0.012524	3.81321	3.81321	0.0305393	2.98994	2.98994	0.0851392	2.27109	2.27109	0.0726222	2.3705	2.3705	0.00479874	5.01684	5.01684	0.460951	1.38189	1.38189	2.99E-05	33.7886	33.7886	0.0383379	2.8129	2.8129	0.00298988	5.78263	5.78263	10.7322	31.5625	2.61416	1
cg17562584	DNAH10	0.00155949	0.000347064	0.172582	-5.79435	0.00641692	0.338714	-2.95234	0.0127068	0.388484	-2.57411	0.1194	0.596925	-1.67525	0.00668521	0.341565	-2.9277	0.114322	0.591903	-1.68947	0.00020096	0.148817	-6.71967	0.151204	0.625252	-1.59936	0.00196733	0.262999	-3.80229	10.3628	15.2998	1.31237	1
cg01812919	DNAH10	0.00162383	0.812198	0.934494	-1.0701	0.563659	1.18077	1.18077	0.553414	0.843116	-1.18608	0.457452	1.24034	1.24034	3.50E-05	0.102748	-9.73253	0.00404328	0.333224	-3.00098	0.0119953	0.409807	-2.44017	0.863778	1.05009	1.05009	0.431178	0.795572	-1.25696	10.2426	13.1437	1.14065	1
cg20130615	DNAH10	0.00186743	0.394083	1.17599	1.17599	0.000141759	3.38372	3.38372	0.521489	0.886332	-1.12825	0.685462	0.927172	-1.07855	0.00110679	0.40952	-2.44188	0.0274151	1.6234	1.6234	0.354477	1.19351	1.19351	0.644783	0.917403	-1.09003	0.58272	0.902089	-1.10854	9.83621	5.37234	0.485493	1
cg02823783	DNAH10	0.00204123	0.0118079	3.39205	3.39205	0.0240359	2.84515	2.84515	0.078071	2.13945	2.13945	0.050074	2.38195	2.38195	0.00216926	5.32076	5.32076	0.890438	1.055	1.055	7.76E-05	16.1038	16.1038	0.0874309	2.08133	2.08133	0.00356222	4.63708	4.63708	9.58472	22.9092	2.1246	1
cg15633096	DNAH10	0.00219242	0.617516	0.890526	-1.12293	0.0423693	0.58368	-1.71327	0.000812437	0.312573	-3.19925	0.0275009	0.548587	-1.82287	0.000922443	0.319879	-3.12618	0.0263138	0.545108	-1.8345	0.000228655	0.24416	-4.09567	0.0286521	0.551836	-1.81213	0.188275	0.725381	-1.37858	9.38676	7.88449	0.74663	1
cg26986180	DNAH10	0.00367832	0.0137014	3.9648	3.9648	0.0281618	3.22656	3.22656	0.0329296	3.08732	3.08732	0.0218727	3.46627	3.46627	0.000786653	9.9094	9.9094	0.627472	0.801728	-1.24731	0.0104344	4.29334	4.29334	0.171547	1.93047	1.93047	0.000521666	11.5236	11.5236	8.05299	26.0438	2.87471	1
cg12702615	DNAH10	0.00375862	0.13426	1.21062	1.21062	0.000768739	1.8274	1.8274	0.00254027	1.64177	1.64177	0.0861975	1.25155	1.25155	0.0426196	0.758602	-1.31821	0.0459878	1.31087	1.31087	0.00396929	1.58165	1.58165	0.08905	1.24853	1.24853	0.686084	0.953046	-1.04927	8.00095	1.77517	0.197218	1
cg17211612	DNAH10	0.00520263	0.0224985	1.58737	1.58737	0.0407191	1.49098	1.49098	0.26487	0.821636	-1.21708	0.0467168	0.680448	-1.46962	0.00189551	0.475119	-2.10474	0.147628	0.769006	-1.30038	0.00733921	0.557497	-1.79373	0.335634	0.845473	-1.18277	0.090067	1.37143	1.37143	7.25003	3.28207	0.402397	1
cg01493783	DNAH10	0.00657754	0.784088	0.960675	-1.04093	0.0639628	0.737767	-1.35544	0.079273	0.752331	-1.3292	0.465487	1.1146	1.1146	0.0238096	1.48295	1.48295	0.0235051	0.673537	-1.4847	0.001066	2.02685	2.02685	0.451434	1.11859	1.11859	0.049946	1.38622	1.38622	6.7445	2.27919	0.300384	1
cg03151529	DNAH10	0.00717286	0.00220015	0.112184	-8.91394	0.380418	0.632224	-1.58172	0.123118	0.42689	-2.34252	0.606522	0.767389	-1.30312	0.00444493	0.144549	-6.91807	0.00441688	0.144228	-6.93345	0.00199705	0.108212	-9.24112	0.0449059	0.30943	-3.23175	0.0222622	0.247529	-4.03993	6.56495	27.0029	3.65617	1
cg22457172	DNAH10	0.0114435	0.00889344	0.177355	-5.63842	0.175988	0.473537	-2.11177	0.0276947	0.258651	-3.86622	0.011775	0.195051	-5.12686	0.0056603	0.151655	-6.59393	0.0870242	0.374619	-2.66938	0.00119356	0.0847901	-11.7938	0.11467	0.410093	-2.43847	0.050358	0.313819	-3.18655	5.65986	24.1971	3.80019	1
cg07784986	DNAH10	0.0117726	0.0151961	0.282209	-3.54347	0.00428329	0.197696	-5.05826	0.0189131	0.299379	-3.34025	0.863761	1.07558	1.07558	0.00285098	0.175154	-5.70926	0.302538	0.63564	-1.57322	0.00768669	0.233816	-4.27687	0.420945	0.705525	-1.41738	0.0359876	0.355251	-2.81491	5.60817	15.9875	2.534	1
cg11026555	DNAH10	0.0127855	0.0334103	3.60574	3.60574	0.00696009	6.0585	6.0585	0.262384	1.82754	1.82754	0.523133	1.39641	1.39641	0.0307631	3.70278	3.70278	0.954379	0.970913	-1.02996	0.0014165	10.8407	10.8407	0.00495473	6.81995	6.81995	0.162	2.16067	2.16067	5.45972	23.0208	3.74798	1
cg09372386	DNAH10	0.0148717	0.380434	0.854168	-1.17073	0.428237	1.15223	1.15223	0.521044	1.12071	1.12071	0.0274922	0.633301	-1.57903	0.00860391	0.555959	-1.7987	0.00380596	1.98132	1.98132	0.209152	1.26104	1.26104	0.284826	0.823129	-1.21488	0.205535	0.791371	-1.26363	5.19543	2.52574	0.43213	1
cg06745944	DNAH10	0.0187662	0.0826813	2.89719	2.89719	0.0346603	3.9084	3.9084	0.23283	1.99863	1.99863	0.702632	1.23653	1.23653	0.34837	1.70639	1.70639	0.0331034	0.251837	-3.97082	0.0238077	4.45079	4.45079	0.0108484	0.170216	-5.8749	0.172992	2.23136	2.23136	4.80713	23.3242	4.31289	1
cg16353049	DNAH10	0.0225632	0.650001	1.08492	1.08492	0.0022661	2.1428	2.1428	0.439829	1.15093	1.15093	0.16898	0.769903	-1.29886	0.510583	1.12646	1.12646	0.966416	0.992516	-1.00754	0.00383491	2.00456	2.00456	0.110775	1.36348	1.36348	0.785973	0.952595	-1.04976	4.51456	2.27639	0.448206	1
cg10902909	DNAH10	0.0239018	0.161249	0.616781	-1.62132	0.314974	1.39878	1.39878	0.563613	0.828143	-1.20752	0.23898	1.48931	1.48931	0.0691921	0.518579	-1.92835	0.0397929	0.464081	-2.1548	0.00110895	0.211767	-4.72216	0.718901	0.889817	-1.12383	0.188835	0.637854	-1.56776	4.42568	7.31209	1.46862	1
cg01172345	DNAH10	0.0267962	0.0573711	0.610333	-1.63845	0.0147936	0.502152	-1.99143	0.237582	0.752631	-1.32867	0.980984	0.99454	-1.00549	0.00152732	0.350669	-2.85169	0.999945	1.00002	1.00002	0.0655587	0.622074	-1.60752	0.511786	1.16513	1.16513	0.140848	0.695017	-1.43881	4.25295	3.55355	0.74271	1
cg22472488	DNAH10	0.027043	0.240042	0.538689	-1.85636	0.132975	0.44257	-2.25953	0.00831093	0.183323	-5.45485	0.0140768	0.217805	-4.59126	0.00533439	0.157898	-6.33319	0.0484253	0.321762	-3.10788	0.0128428	0.21144	-4.72948	0.122775	0.431339	-2.31836	0.189475	0.497111	-2.01162	4.2393	16.9786	3.56005	1
cg27508046	DNAH10	0.029233	0.0876508	0.397456	-2.516	0.536401	1.35853	1.35853	0.525113	0.72967	-1.37048	0.315802	0.601941	-1.66129	0.00106541	0.0937381	-10.668	0.439388	0.679799	-1.47102	0.033437	0.296339	-3.37451	0.578595	0.759879	-1.316	0.0290745	0.283957	-3.52166	4.12454	15.6463	3.37197	1
cg23523434	DNAH10	0.0312888	0.296125	1.26607	1.26607	0.0874148	0.66304	-1.5082	0.00118842	0.355233	-2.81506	0.6963	0.918127	-1.08917	0.11656	0.689806	-1.44968	0.627055	0.898861	-1.11252	0.142454	1.40965	1.40965	0.636046	0.901396	-1.10939	0.948145	1.01426	1.01426	4.02609	3.02386	0.667614	1
cg01240444	DNAH10;DNAH10	0.0179749	0.0483971	4.5535	4.5535	0.015384	7.38175	7.38175	0.050036	4.49065	4.49065	0.149021	2.82962	2.82962	0.0170916	7.05628	7.05628	0.731806	1.26016	1.26016	0.00197809	18.87	18.87	0.0182713	6.8581	6.8581	0.023681	6.14362	6.14362	4.87741	34.8992	6.36024	1
cg00016360	DNAH11	4.89E-05	0.556241	0.927764	-1.07786	0.983029	1.00268	1.00268	0.67483	1.05459	1.05459	0.723878	0.956297	-1.0457	0.000686951	0.520429	-1.92149	0.0254084	1.39752	1.39752	8.53E-07	0.191571	-5.22	0.0549401	1.31548	1.31548	0.251788	1.1628	1.1628	26.7763	6.73063	0.223436	1
cg12743974	DNAH11	0.00197517	0.178557	1.38592	1.38592	0.0804917	1.5569	1.5569	0.493705	0.853238	-1.17201	0.00362146	0.406932	-2.45741	0.000646554	0.302702	-3.30357	0.00173211	0.360463	-2.77421	0.0552049	0.608757	-1.64269	0.963869	0.989709	-1.0104	0.0031801	0.398535	-2.50919	9.67705	7.99174	0.734084	1
cg03697024	DNAH11	0.00409532	0.00214832	0.469591	-2.12951	0.000368737	0.367871	-2.71835	0.645001	0.92186	-1.08476	0.00457466	0.515744	-1.93895	0.0359925	0.651941	-1.53388	0.230143	0.801875	-1.24708	0.305989	0.83037	-1.20428	0.538501	1.11541	1.11541	0.278116	1.21871	1.21871	7.79691	3.79817	0.433011	1
cg26104541	DNAH11	0.00948113	0.0355341	0.390594	-2.5602	0.0184101	0.333354	-2.99981	0.222855	0.611376	-1.63566	0.00373739	0.222227	-4.49989	0.000838309	0.145115	-6.89106	0.00769431	0.268331	-3.72674	0.43857	0.738228	-1.35459	0.745253	0.882291	-1.13341	0.076226	0.468702	-2.13355	6.012	14.0503	2.07737	1
cg23045935	DNAH11	0.0180115	0.176846	0.812023	-1.23149	0.743739	0.953534	-1.04873	0.000400825	0.441876	-2.26308	0.0604746	0.735611	-1.35941	0.911289	0.983964	-1.0163	0.74328	1.04882	1.04882	0.107373	0.774992	-1.29034	0.801068	0.964042	-1.0373	0.284988	1.17479	1.17479	4.87408	1.62409	0.296186	1
cg06270661	DNAH11	0.0197672	0.0548716	2.90836	2.90836	0.692866	0.823127	-1.21488	0.0330584	0.294641	-3.39396	0.158608	0.477646	-2.0936	0.0255284	0.272206	-3.67368	0.630315	0.788381	-1.26842	0.0470532	0.328115	-3.04771	0.102196	2.40368	2.40368	0.0225901	3.81466	3.81466	4.7233	17.9846	3.38456	1
cg08570341	DNAH11	0.0237979	0.90445	1.01277	1.01277	0.0426568	0.781453	-1.27967	0.251961	0.881209	-1.13481	0.319457	0.896984	-1.11485	0.0317802	0.766476	-1.30467	0.09616	1.21296	1.21296	0.00410394	0.665731	-1.50211	0.0360115	0.772808	-1.29398	0.285135	1.12447	1.12447	4.43235	0.783842	0.157196	1
cg11052958	DNAH11	0.0389313	0.0161568	0.672128	-1.48781	0.0573491	0.74807	-1.33677	0.118519	0.795494	-1.25708	0.0615744	0.752546	-1.32882	0.998166	1.00031	1.00031	0.54834	1.08546	1.08546	0.0148477	1.49869	1.49869	0.508643	0.91345	-1.09475	0.66319	0.942553	-1.06095	3.71999	1.07392	0.256612	1
cg13901245	DNAH11	0.0453056	0.43895	0.545807	-1.83215	0.148354	0.30447	-3.2844	0.160763	0.316922	-3.15535	0.0397773	0.161493	-6.19222	0.00248846	0.039787	-25.1339	0.416845	0.52917	-1.88975	0.730588	0.767106	-1.3036	0.0148146	0.100294	-9.97073	0.908248	1.09246	1.09246	3.5166	32.7664	8.28235	1
cg25964019	DNAH11	0.0460095	0.0114108	0.0971587	-10.2924	0.413351	0.540224	-1.85108	0.226171	0.392285	-2.54916	0.0308115	0.154524	-6.4715	0.0143207	0.108218	-9.24061	0.481381	0.590397	-1.69377	0.248972	0.411777	-2.4285	0.0319734	0.157173	-6.36241	0.0149862	0.11056	-9.04483	3.49632	30.022	7.63267	1
cg04809066	DNAH12	0.00234326	0.0305797	0.466204	-2.14498	0.167585	1.55549	1.55549	0.00235292	0.279525	-3.5775	0.12086	0.603368	-1.65736	0.302297	0.72546	-1.37844	0.429966	0.78508	-1.27376	8.15E-05	0.118402	-8.44582	0.366273	1.32152	1.32152	0.100993	0.583067	-1.71507	9.20554	13.1518	1.26994	1
cg15448394	DNAH12	0.00390243	0.028284	0.295316	-3.3862	0.148661	0.482096	-2.07427	0.0204752	0.268396	-3.72584	0.844316	0.911554	-1.09703	0.00452286	0.168307	-5.94152	0.484885	0.715835	-1.39697	8.63E-05	0.0361732	-27.6448	0.56679	0.76132	-1.31351	0.132689	0.465729	-2.14717	7.91112	27.796	3.12315	1
cg06210989	DNAH12	0.0171831	0.94257	0.981241	-1.01912	0.00495325	0.376042	-2.65927	0.00132186	0.292918	-3.41392	0.501444	0.835826	-1.19642	0.699752	1.10723	1.10723	0.858248	0.954096	-1.04811	0.990022	0.996719	-1.00329	0.249073	0.728581	-1.37253	0.0124072	0.44131	-2.26598	4.9517	5.41809	0.972611	1
cg26076204	DNAH12;ASB14	0.00289684	0.469886	0.841444	-1.18843	0.000447203	0.272418	-3.67082	0.00366219	0.397433	-2.51615	0.55305	0.868569	-1.15132	0.214344	0.735674	-1.3593	0.033369	0.557748	-1.79292	0.000333717	0.256881	-3.89285	0.0223582	0.52587	-1.90161	0.029825	0.548652	-1.82265	8.64745	7.55151	0.776235	1
cg05073620	DNAH12;DNAH12	0.000424824	0.000140368	0.153468	-6.51601	0.0181501	2.2659	2.2659	0.074577	0.567585	-1.76185	0.407524	1.27325	1.27325	9.04E-05	0.135866	-7.3602	0.508184	0.825807	-1.21094	0.957562	0.984942	-1.01529	0.0728075	2.68297	2.68297	0.594117	1.16574	1.16574	14.9497	19.2488	1.1445	1
cg24847554	DNAH12;DNAH12	0.000660967	0.000806441	0.268371	-3.72619	0.000986493	0.27969	-3.57539	0.0223028	0.490395	-2.03917	0.0241838	0.496934	-2.01234	0.000105544	0.168343	-5.94026	0.0376542	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09244635	DNAH12;DNAH12	0.00111935	0.278665	0.824779	-1.21245	0.000275955	0.361193	-2.7686	0.00511821	0.531235	-1.88241	0.0580041	1.44263	1.44263	0.00119722	0.444039	-2.25205	0.0124973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16797020	DNAH12;DNAH12	0.00484137	0.000870223	0.247537	-4.0398	0.143493	0.644444	-1.55172	0.347889	1.31014	1.31014	0.611519	0.866612	-1.15392	0.720447	0.904441	-1.10566	0.62106	1.14944	1.14944	0.000316283	0.195766	-5.10804	0.0855577	1.81568	1.81568	0.211539	0.692205	-1.44466	7.41111	9.16958	1.0998	1
cg06850558	DNAH12;DNAH12	0.0316418	0.00174571	0.0976112	-10.2447	0.74414	0.843029	-1.1862	0.130704	0.427014	-2.34185	0.456807	1.48456	1.48456	0.353316	0.60778	-1.64533	?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00069967	DNAH12;DNAH12	0.0386925	0.421604	0.836255	-1.19581	0.0412701	1.66996	1.66996	0.0186326	0.537264	-1.86128	0.0447557	0.605421	-1.65174	0.124528	0.696108	-1.43656	0.543399	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10530169	DNAH12;DNAH12;DNAH12;DNAH12	0.00993622	0.469658	1.10058	1.10058	0.0197995	0.693101	-1.44279	0.026409	0.709659	-1.40913	0.00213539	1.75435	1.75435	0.295499	0.868197	-1.15181	0.236866	1.17523	1.17523	0.0271146	0.711186	-1.4061	0.348933	1.13386	1.13386	0.431295	1.11032	1.11032	5.92272	1.59217	0.238955	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07170752	DNAH14	0.01104	0.00512399	0.164473	-6.08003	0.0915809	0.403819	-2.47636	0.0330508	0.296244	-3.3756	0.0215616	0.259979	-3.84646	0.0037933	0.148656	-6.72695
cg26914392	DNAH14	0.0275906	0.862206	0.938258	-1.06581	0.00170954	5.1696	5.1696	0.432131	1.34192	1.34192	0.101766	1.92924	1.92924	0.212268	1.61928	1.61928
cg20492807	DNAH14;DNAH14;DNAH14	0.00515279	0.0206766	0.775739	-1.28909	0.878003	0.986098	-1.0141	0.611513	1.04779	1.04779	0.0961426	0.846605	-1.18119	0.00037308	0.595262	-1.67993
cg12071008	DNAH17	2.42E-05	0.000222896	0.361671	-2.76494	0.0609083	1.4185	1.4185	4.44E-05	0.277938	-3.59792	0.564115	0.908015	-1.1013	1.19E-06	0.125166	-7.98938
cg06255676	DNAH17	3.11E-05	1.46E-06	0.240845	-4.15206	0.0384386	0.75638	-1.32209	0.00153608	0.588237	-1.7	0.000275746	0.499936	-2.00026	0.0106654	0.688174	-1.45312
cg24539060	DNAH17	8.04E-05	0.0855392	0.639243	-1.56435	3.73E-05	0.154791	-6.46032	3.47E-05	0.151907	-6.58297	0.775486	0.934893	-1.06964	1.18E-05	0.112763	-8.86818
cg09419159	DNAH17	8.18E-05	0.185189	1.1714	1.1714	0.000902988	1.74915	1.74915	0.219501	0.8647	-1.15647	0.000697037	1.79023	1.79023	1.10E-05	0.348589	-2.86871
cg20723425	DNAH17	9.08E-05	0.00990272	0.339182	-2.94827	0.0397997	0.454466	-2.20039	0.000341541	0.147504	-6.77946	0.00100434	0.197865	-5.05396	7.60E-05	0.0924647	-10.8149
cg25875702	DNAH17	0.000174905	0.0546438	0.667002	-1.49925	0.00696324	0.52281	-1.91274	0.000256135	0.326785	-3.06012	0.016838	0.581703	-1.71909	0.0074286	0.527012	-1.89749
cg14971269	DNAH17	0.000320028	7.44E-05	0.245612	-4.07147	0.665007	0.918511	-1.08872	0.0057146	0.493099	-2.02799	0.686928	0.923994	-1.08226	2.29E-05	0.191433	-5.22375
cg09773127	DNAH17	0.000625698	0.105566	0.566327	-1.76576	0.000786424	0.195498	-5.11513	0.000430121	0.166714	-5.99829	0.00235474	0.255486	-3.91412	0.00149662	0.229456	-4.35814
cg20652822	DNAH17	0.00065523	0.0227882	0.721105	-1.38676	0.000838336	1.82743	1.82743	0.23484	0.861219	-1.16114	0.146156	0.829289	-1.20585	3.32E-05	0.380536	-2.62787
cg25691430	DNAH17	0.000715039	0.000413464	0.312225	-3.20281	0.153415	0.727969	-1.37368	0.00147854	0.385711	-2.59262	0.413802	0.840699	-1.18949	2.27E-05	0.171569	-5.82856
cg09656382	DNAH17	0.000771691	0.164241	1.38552	1.38552	0.00108836	0.346772	-2.88374	5.68E-05	0.193533	-5.16709	0.116586	0.687551	-1.45444	0.217329	0.751891	-1.32998
cg21438057	DNAH17	0.000791187	0.00303006	0.756434	-1.32199	0.00106942	1.39392	1.39392	0.0425425	0.85176	-1.17404	0.090198	1.13688	1.13688	0.0958271	0.881901	-1.13391
cg09006072	DNAH17	0.000802918	0.112432	1.33894	1.33894	0.0272207	0.643122	-1.55491	0.00614852	0.546776	-1.8289	0.0045068	1.89535	1.89535	0.144642	0.767492	-1.30294
cg21103227	DNAH17	0.00101595	0.391274	1.16194	1.16194	0.00420593	0.519433	-1.92518	2.13E-05	0.231602	-4.31774	0.619874	1.0892	1.0892	0.741152	0.944932	-1.05828
cg00461299	DNAH17	0.00133619	0.00197096	0.463204	-2.15887	0.000157359	0.320504	-3.12008	0.335956	0.83979	-1.19077	0.519842	0.891533	-1.12166	0.216366	1.25727	1.25727
cg07125124	DNAH17	0.00134266	0.591162	0.890924	-1.12243	0.771884	1.06387	1.06387	3.78E-05	0.185409	-5.39349	0.805462	0.948799	-1.05396	0.000402613	0.301643	-3.31517
cg21790234	DNAH17	0.00146465	0.00741642	0.519767	-1.92394	0.595143	1.10711	1.10711	0.0156416	0.569931	-1.7546	0.960141	1.00953	1.00953	5.51E-05	0.240695	-4.15463
cg25988830	DNAH17	0.00156555	0.0111871	0.586491	-1.70505	0.106866	0.744185	-1.34375	0.0708926	0.712694	-1.40313	0.602009	1.09233	1.09233	0.00135212	0.457863	-2.18406
cg18098769	DNAH17	0.00240017	0.404229	0.732375	-1.36542	0.0018911	0.200492	-4.98772	0.0178018	0.349444	-2.86169	0.860391	0.937777	-1.06635	0.191128	0.603437	-1.65717
cg09687005	DNAH17	0.00252003	0.0656283	0.669107	-1.49453	0.00412326	0.473214	-2.11321	3.95E-05	0.216685	-4.61499	0.34578	0.82792	-1.20785	0.26919	0.799479	-1.25081
cg22990955	DNAH17	0.00330609	0.767124	1.04028	1.04028	0.0493427	0.742069	-1.34758	0.000153329	0.421871	-2.37039	0.989707	1.00172	1.00172	0.479981	1.10019	1.10019
cg01621090	DNAH17	0.00337884	0.0256957	0.420443	-2.37844	0.0105475	0.349204	-2.86365	0.0464809	0.474408	-2.10789	0.343185	0.72664	-1.3762	0.000339712	0.151422	-6.60408
cg11347599	DNAH17	0.00352311	0.61185	1.13573	1.13573	0.765925	0.928433	-1.07708	0.00236199	0.348237	-2.87161	0.0531556	0.579	-1.72712	0.000942009	0.293196	-3.41069
cg16678718	DNAH17	0.00385045	0.463257	0.802505	-1.2461	0.728713	0.902481	-1.10806	0.00112801	0.243559	-4.10578	0.420455	0.784624	-1.2745	0.00424585	0.323764	-3.08867
cg15106561	DNAH17	0.00485175	0.709429	1.07205	1.07205	0.00094378	0.39986	-2.50088	0.00047054	0.360071	-2.77723	0.0380257	0.639509	-1.5637	0.00916589	0.540587	-1.84984
cg11954852	DNAH17	0.0064172	0.949183	1.00986	1.00986	0.0392212	1.44385	1.44385	0.00967713	0.604117	-1.65531	0.536296	0.90809	-1.10121	0.000388259	0.41851	-2.38943
cg05845879	DNAH17	0.00647872	0.253242	0.765125	-1.30698	0.0105604	0.485937	-2.05788	0.0801933	0.646955	-1.5457	0.740192	0.928058	-1.07752	0.00254339	0.39079	-2.55892
cg22792552	DNAH17	0.00699964	0.109656	0.838054	-1.19324	0.0769418	1.22048	1.22048	0.0151911	0.739269	-1.35269	0.149558	1.16944	1.16944	0.00153865	0.630269	-1.58662
cg25399573	DNAH17	0.00853897	0.0892076	0.546578	-1.82956	0.810632	0.925549	-1.08044	0.0216274	0.4111	-2.4325	0.589771	0.839088	-1.19177	0.000342634	0.155953	-6.41218
cg27174444	DNAH17	0.0103596	0.91533	1.0154	1.0154	0.025935	0.683988	-1.46201	0.0002452	0.418735	-2.38814	0.438585	1.12019	1.12019	0.949362	0.990918	-1.00917
cg09577144	DNAH17	0.01133	0.144653	0.594142	-1.6831	0.0747277	0.51703	-1.93413	0.00063816	0.175075	-5.71184	0.146721	0.595959	-1.67797	0.247642	0.66921	-1.4943
cg07255197	DNAH17	0.011826	0.0461104	0.614819	-1.62649	0.834721	0.956504	-1.04547	0.00056938	0.321109	-3.11421	0.353547	0.816139	-1.22528	0.00691149	0.475151	-2.10459
cg00093095	DNAH17	0.01333	0.0170462	0.336522	-2.97157	0.0387136	2.4507	2.4507	0.0139231	3.11896	3.11896	0.817714	0.917186	-1.09029	0.855777	0.934146	-1.0705
cg10332979	DNAH17	0.0133357	0.096817	0.652184	-1.53331	0.306991	0.780365	-1.28145	0.00331318	0.39143	-2.55473	0.138736	0.688168	-1.45313	0.000640782	0.292619	-3.41742
cg23834812	DNAH17	0.0133689	0.00439069	0.208592	-4.79404	0.0119048	0.274337	-3.64515	0.00727802	0.240174	-4.16365	0.144746	0.52444	-1.9068	0.00301967	0.187277	-5.33968
cg22756089	DNAH17	0.0137427	0.505265	0.817763	-1.22285	0.0412585	0.496256	-2.01509	0.0480188	0.510369	-1.95937	0.0606187	0.532832	-1.87676	0.000477462	0.195585	-5.11286
cg24801087	DNAH17	0.0140504	0.0412789	1.3373	1.3373	0.0320406	1.36359	1.36359	0.0100408	1.49363	1.49363	0.0545851	1.30896	1.30896	0.043426	1.33211	1.33211
cg18935231	DNAH17	0.0143263	0.484749	0.809122	-1.23591	0.180886	0.654551	-1.52777	0.0318149	0.472079	-2.11829	0.000582164	0.204599	-4.88762	0.698139	1.12329	1.12329
cg08587948	DNAH17	0.0147669	0.797072	1.05009	1.05009	0.845635	1.03767	1.03767	0.232079	0.788413	-1.26837	0.829425	0.9599	-1.04177	0.00341467	0.470152	-2.12697
cg17477930	DNAH17	0.0184266	0.0090693	0.317532	-3.14929	0.128453	0.566406	-1.76552	0.0870357	0.520109	-1.92267	0.0338976	0.424537	-2.35551	0.00131608	0.198458	-5.03885
cg22360563	DNAH17	0.0190162	0.567737	0.795179	-1.25758	0.0527548	0.417386	-2.39587	0.00244503	0.187651	-5.32905	0.840738	0.92326	-1.08312	0.00764215	0.25645	-3.8994
cg00249503	DNAH17	0.0194403	0.0594812	0.372989	-2.68104	0.0659323	0.384231	-2.6026	0.00827207	0.208983	-4.78508	0.0180426	0.26401	-3.78774	0.0216686	0.278569	-3.58977
cg03830375	DNAH17	0.0229098	0.0088105	0.737744	-1.35548	0.224081	1.12353	1.12353	0.0134785	0.756575	-1.32175	0.418452	1.07832	1.07832	0.70151	1.03575	1.03575
cg04603024	DNAH17	0.0232586	0.152117	0.747997	-1.3369	0.316996	1.21626	1.21626	0.0758413	0.688006	-1.45348	0.896714	0.975719	-1.02489	0.00143912	0.418135	-2.39157
cg25730791	DNAH17	0.0237548	0.129564	0.656731	-1.52269	0.775097	0.92909	-1.07632	0.0067166	0.40554	-2.46585	0.733692	1.09164	1.09164	0.00238863	0.337272	-2.96496
cg09486879	DNAH17	0.0245156	0.357635	0.662304	-1.50988	0.930633	0.962789	-1.03865	0.00985915	0.241591	-4.13922	0.127601	0.487948	-2.0494	0.0334533	0.338827	-2.95136
cg16403016	DNAH17	0.0245462	0.00166117	0.378886	-2.63932	0.338744	1.23701	1.23701	0.011602	0.506299	-1.97512	0.269591	0.780378	-1.28143	0.219315	0.756822	-1.32131
cg06799664	DNAH17	0.024605	0.00401178	0.312806	-3.19687	0.0405721	0.491216	-2.03576	0.00412797	0.314672	-3.17791	0.646043	0.87022	-1.14913	0.101993	0.583889	-1.71265
cg13541146	DNAH17	0.025345	0.62979	0.874612	-1.14336	0.112915	0.621295	-1.60954	0.625111	0.872985	-1.1455	0.61222	0.868484	-1.15143	0.361767	0.772141	-1.2951
cg13912318	DNAH17	0.0292757	0.488144	0.840124	-1.1903	0.177818	0.701748	-1.42501	0.103817	0.644075	-1.55262	0.00260179	0.356366	-2.8061	0.00629696	0.414722	-2.41125
cg07015511	DNAH17	0.0302748	0.0110027	0.19425	-5.148	0.690903	0.814398	-1.2279	0.105673	0.403364	-2.47915	0.0808711	0.369966	-2.70295	0.0923851	0.386177	-2.58949
cg05414903	DNAH17	0.0305472	0.125611	0.702278	-1.42394	0.180272	0.738304	-1.35445	0.00921546	0.494184	-2.02354	0.0958174	0.677024	-1.47705	0.0279216	0.574712	-1.74
cg17514088	DNAH17	0.031501	0.533049	1.19216	1.19216	0.178327	0.671579	-1.48903	0.00207684	0.299163	-3.34266	0.800304	1.07311	1.07311	0.112347	0.618013	-1.61809
cg12818883	DNAH17	0.0372639	0.0181795	0.528713	-1.89139	0.970491	1.00825	1.00825	0.0159979	0.519246	-1.92587	0.033593	0.576009	-1.73608	0.00382074	0.420332	-2.37907
cg13064210	DNAH17	0.0373276	0.433469	1.17637	1.17637	0.00357774	0.448482	-2.22974	0.0221239	0.572598	-1.74643	0.146598	1.37251	1.37251	0.693257	0.922596	-1.0839
cg20288203	DNAH17	0.0378333	0.0728241	1.28431	1.28431	0.0241464	1.39959	1.39959	0.691436	0.951342	-1.05115	0.240431	0.85755	-1.16611	0.235286	0.85596	-1.16828
cg15405429	DNAH17	0.0387211	0.115464	1.28709	1.28709	0.244765	0.835724	-1.19657	0.882198	1.02211	1.02211	0.0160267	1.54462	1.54462	0.00598919	0.588725	-1.69859
cg22297934	DNAH17	0.0388825	0.49565	0.775974	-1.2887	0.119366	0.538153	-1.85821	0.00692291	0.277675	-3.60133	0.116592	0.535206	-1.86844	0.00253003	0.215085	-4.64932
cg14330206	DNAH17	0.03996	0.609221	0.646549	-1.54667	0.0498204	0.1507	-6.63569	0.0191407	0.0908859	-11.0028	0.241807	0.354763	-2.81879	0.0143192	0.0777319	-12.8647
cg16502522	DNAH17	0.0421973	0.132284	0.498784	-2.00488	0.0196123	0.298952	-3.34502	0.0156371	0.281086	-3.55763	0.0722065	0.423486	-2.36135	0.0801512	0.435476	-2.29634
cg00735218	DNAH17	0.0440263	0.359233	0.675314	-1.48079	0.0804143	0.445929	-2.24251	0.0198425	0.309999	-3.22582	0.308757	0.644879	-1.55068	0.00213138	0.165747	-6.03328
cg23676734	DNAH17	0.0454936	0.278978	0.715847	-1.39695	0.0014243	0.253969	-3.93748	0.241788	0.694989	-1.43887	0.0768471	0.557467	-1.79383	0.428222	0.786468	-1.27151
cg11752857	DNAH17	0.0460996	0.418255	1.21376	1.21376	0.00600261	0.431304	-2.31855	0.277841	0.767745	-1.30252	0.406218	0.819547	-1.22019	0.504652	0.853371	-1.17182
cg01341643	DNAH17	0.0462347	0.760602	1.02643	1.02643	0.9058	1.01015	1.01015	0.00508168	0.718397	-1.39199	0.51592	0.945228	-1.05795	0.0356924	0.807619	-1.23821
cg22608646	DNAH17	0.047382	0.0700445	0.284239	-3.51816	0.182743	0.415565	-2.40636	0.0261004	0.194073	-5.1527	0.146617	0.379983	-2.6317	0.0207434	0.177422	-5.63627
cg09705784	DNAH17	0.0490487	0.0119146	0.201614	-4.95996	0.960947	0.975324	-1.0253	0.0139794	0.21249	-4.70611	0.0299925	0.271797	-3.67922	0.161012	0.465826	-2.14672
cg24200401	DNAH17;DNAH17	0.00393657	0.913854	1.01188	1.01188	0.0228252	0.742834	-1.3462	0.00133656	0.601163	-1.66344	0.868496	1.01825	1.01825	0.301059	1.12405	1.12405
cg15939973	DNAH17;PGS1	0.0107678	0.00470239	0.438836	-2.27875	0.932804	1.01866	1.01866	0.0642028	0.633832	-1.57771	0.000546919	0.308074	-3.24598	0.623367	0.89716	-1.11463
cg24580146	DNAH2	6.63E-05	6.10E-05	0.184245	-5.42755	7.07E-06	0.103306	-9.67998	0.30712	1.27334	1.27334	0.00202209	0.369642	-2.70532	4.42E-05	0.17043	-5.8675
cg01400135	DNAH2	0.000731185	0.256817	1.28875	1.28875	0.0682193	1.54908	1.54908	0.482073	1.16549	1.16549	0.0333987	1.70372	1.70372	1.97E-05	0.156601	-6.38566
cg04740558	DNAH2	0.00174611	0.0674277	0.76338	-1.30996	0.0338285	1.38609	1.38609	0.00344251	0.592465	-1.68786	0.00488403	0.61168	-1.63484	0.00445583	0.606628	-1.64846
cg19911719	DNAH2	0.00355558	0.00366769	0.441048	-2.26733	0.00215938	0.407663	-2.45301	0.0239959	0.570601	-1.75254	0.000409854	0.310571	-3.21988	0.00656001	0.479142	-2.08706
cg14916228	DNAH2	0.00382649	0.398546	1.14621	1.14621	0.158126	0.788018	-1.26901	0.00158902	0.488884	-2.04547	0.0324503	1.48484	1.48484	0.338681	1.16849	1.16849
cg01330991	DNAH2	0.00814918	0.44001	0.897044	-1.11477	0.394282	1.12793	1.12793	0.00272184	1.77018	1.77018	0.319694	0.867732	-1.15243	0.0110703	0.644321	-1.55202
cg25562797	DNAH2	0.0108742	0.305354	0.874691	-1.14326	0.368245	0.889961	-1.12365	0.39345	1.11658	1.11658	0.907181	0.985395	-1.01482	0.00257463	0.590282	-1.69411
cg17434724	DNAH2	0.0108856	0.348864	0.767053	-1.30369	0.0128328	2.3392	2.3392	0.0340742	1.97416	1.97416	0.00330113	3.00595	3.00595	0.0884561	0.5964	-1.67673
cg21327235	DNAH2	0.0147837	0.00853481	0.162327	-6.16039	0.0067242	0.148985	-6.71208	0.186005	0.467845	-2.13746	0.0408909	0.278458	-3.59121	0.00699885	0.15116	-6.61552
cg14667505	DNAH2	0.018041	0.0924248	0.430356	-2.32366	0.00878177	0.218848	-4.56938	0.800925	0.891341	-1.1219	0.245873	0.575487	-1.73766	0.00213925	0.140348	-7.12516
cg18105529	DNAH2	0.0201442	0.00345696	0.129636	-7.71392	0.423143	1.52352	1.52352	0.490079	0.697123	-1.43447	0.463184	0.680937	-1.46856	0.00825362	0.175785	-5.68877
cg25000600	DNAH2	0.0236227	0.547505	1.21477	1.21477	0.031537	2.23891	2.23891	0.633502	0.857669	-1.16595	0.126893	1.69507	1.69507	0.248659	0.680153	-1.47026
cg02385411	DNAH2	0.0257989	0.0852812	0.772671	-1.29421	0.233781	0.844323	-1.18438	0.130344	0.801328	-1.24793	0.0367722	1.38939	1.38939	0.187024	0.827299	-1.20875
cg19986200	DNAH2	0.0287579	0.218177	0.702644	-1.4232	0.763806	0.921175	-1.08557	0.175412	1.48081	1.48081	0.435208	1.24223	1.24223	0.452208	0.811669	-1.23203
cg05491376	DNAH2	0.0294561	0.79459	0.924762	-1.08136	0.181395	1.5301	1.5301	0.771928	1.09104	1.09104	0.890751	0.959638	-1.04206	0.711382	0.894569	-1.11786
cg05900058	DNAH2	0.0388267	0.889842	1.03169	1.03169	0.0651263	0.627346	-1.59402	0.0119334	0.493426	-2.02665	0.0872697	0.653706	-1.52974	0.799914	1.05885	1.05885
cg12731325	DNAH2	0.0453706	0.440151	0.7144	-1.39978	0.0511932	2.58198	2.58198	0.804312	1.11188	1.11188	0.230251	1.71207	1.71207	0.032246	0.342562	-2.91918
cg07711099	DNAH2	0.047874	0.17189	1.79712	1.79712	0.0985714	2.07536	2.07536	0.603843	0.809776	-1.23491	0.23626	1.64912	1.64912	0.291821	0.643478	-1.55405
cg02034822	DNAH3	1.27E-05	0.648201	1.06196	1.06196	0.997694	0.999622	-1.00038	0.000772445	0.51373	-1.94655	8.84E-06	0.283224	-3.53077	3.13E-07	0.141646	-7.05983
cg08249899	DNAH3	0.000220363	0.296563	0.776797	-1.28734	0.83619	1.04951	1.04951	0.00167581	0.350447	-2.8535	0.719938	1.08765	1.08765	2.93E-06	0.0738915	-13.5334
cg06730132	DNAH3	0.000386251	6.59E-06	0.116354	-8.59446	0.00781419	2.08053	2.08053	0.0726241	0.650664	-1.53689	0.335794	0.808188	-1.23734	0.143824	0.713928	-1.4007
cg09686729	DNAH3	0.00543232	0.565954	0.903618	-1.10666	0.0183114	0.606475	-1.64887	0.0109524	0.572535	-1.74662	0.427912	0.86817	-1.15185	0.00082026	0.414507	-2.4125
cg02330352	DNAH3	0.0112637	0.00826559	0.245303	-4.0766	0.214526	1.7224	1.7224	0.131149	0.507536	-1.9703	0.630869	0.817545	-1.22317	0.00096546	0.129437	-7.72577
cg04653893	DNAH3	0.0114873	0.648013	0.876539	-1.14085	0.958795	1.01492	1.01492	0.025698	0.467843	-2.13747	0.618125	0.865815	-1.15498	0.00306202	0.31265	-3.19846
cg06951011	DNAH3	0.0262906	0.114446	0.650673	-1.53687	0.244023	1.35675	1.35675	0.0489625	0.569662	-1.75543	0.222345	0.725416	-1.37852	0.130366	0.664359	-1.50521
cg01094213	DNAH3	0.0361057	0.215698	0.787588	-1.2697	0.0138479	0.572729	-1.74603	0.00422513	0.495644	-2.01758	0.275074	0.812135	-1.23132	0.299548	0.821175	-1.21777
cg09336508	DNAH3	0.0442863	0.0655354	0.253851	-3.93932	0.00214972	0.0573503	-17.4367	0.0329846	0.191273	-5.22813	0.273954	0.469956	-2.12786	0.0405924	0.208377	-4.79899
cg00666986	DNAH3;TMEM159	0.00331876	0.0952863	0.665617	-1.50237	0.0118186	0.497505	-2.01003	0.551312	0.874704	-1.14324	0.446194	0.841601	-1.18821	0.000102732	0.21724	-4.60321
cg01478482	DNAH3;TMEM159	0.00653293	0.0414264	0.460653	-2.17083	0.899043	1.04272	1.04272	0.446365	0.774291	-1.2915	0.873504	1.05391	1.05391	0.000382097	0.15425	-6.48299
cg06654079	DNAH3;TMEM159	0.0203636	0.0179992	0.299785	-3.33573	0.251051	0.604911	-1.65314	0.0154103	0.287616	-3.47686	0.0151256	0.286183	-3.49427	0.0102546	0.257617	-3.88173
cg07079231	DNAH3;TMEM159	0.0312011	0.430352	0.785762	-1.27265	0.979528	1.00772	1.00772	0.0380023	0.4865	-2.0555	0.307093	1.37259	1.37259	0.618665	0.860449	-1.16218
cg04045089	DNAH3;TMEM159	0.0406652	0.502652	1.11504	1.11504	0.347315	1.16753	1.16753	0.711856	0.942348	-1.06118	0.787729	0.957723	-1.04414	0.146276	1.28353	1.28353
cg13896699	DNAH5	0.000166628	0.918231	1.01347	1.01347	0.00286849	0.586025	-1.70641	0.00016179	0.432151	-2.314	0.0392198	0.732833	-1.36457	0.435927	0.901628	-1.1091
cg22466716	DNAH5	0.00288855	0.000588764	0.214797	-4.65556	0.60035	0.858019	-1.16548	0.0107464	0.395152	-2.53067	0.0855428	0.576637	-1.73419	0.000744643	0.226973	-4.40581
cg07548982	DNAH5	0.00577485	0.751394	1.09046	1.09046	0.0592055	0.559686	-1.78672	0.033016	0.506987	-1.97244	0.366283	0.776546	-1.28775	0.815493	1.06576	1.06576
cg16403725	DNAH5	0.00944911	0.0201639	0.490881	-2.03715	0.0767078	0.606578	-1.64859	0.159512	0.682692	-1.46479	0.969624	0.990377	-1.00972	0.759402	1.08113	1.08113
cg08442052	DNAH5	0.00996119	0.036684	0.327321	-3.05511	0.0146323	0.250816	-3.98698	0.00523145	0.183632	-5.44567	0.0339395	0.320112	-3.1239	0.0566994	0.370696	-2.69763
cg15416770	DNAH5	0.012368	0.040121	1.69835	1.69835	0.00308314	0.404717	-2.47086	0.0113104	0.492448	-2.03067	0.195037	0.736323	-1.3581	0.0412816	0.591142	-1.69164
cg03503295	DNAH5	0.0154312	0.0203811	4.92106	4.92106	0.164909	0.429765	-2.32685	0.252348	0.505807	-1.97704	0.00799658	6.94244	6.94244	0.519109	1.45146	1.45146
cg20738735	DNAH5	0.0206266	0.441841	1.48274	1.48274	0.0528133	3.02081	3.02081	0.475134	1.44018	1.44018	0.555262	1.34943	1.34943	0.00185247	0.108678	-9.20149
cg26992949	DNAH5	0.0306456	0.0601587	0.250419	-3.99331	0.111692	0.322596	-3.09985	0.0722558	0.269788	-3.70661	0.0683569	0.263764	-3.79127	0.00341651	0.0744177	-13.4377
cg20380465	DNAH5	0.0348877	0.946849	0.974513	-1.02615	0.0546197	0.429876	-2.32625	0.184802	0.580047	-1.724	0.132334	0.533167	-1.87558	0.00165001	0.17476	-5.72213
cg23504924	DNAH5	0.0392379	0.113205	0.462878	-2.1604	0.00253279	0.153708	-6.50586	0.0301785	0.320117	-3.12386	0.576234	1.287	1.287	0.359701	0.656514	-1.5232
cg04192593	DNAH5	0.0497074	0.116655	1.7227	1.7227	0.0387963	0.466093	-2.14549	0.13337	0.596562	-1.67627	0.208272	0.654904	-1.52694	0.775066	0.912645	-1.09572
cg10929210	DNAH6	8.82E-07	0.00337252	0.713381	-1.40177	0.36264	1.08248	1.08248	0.014213	0.773984	-1.29202	0.000193433	1.70141	1.70141	2.44E-05	0.490835	-2.03735
cg08026651	DNAH6	0.000125388	0.00103582	0.246424	-4.05804	0.11118	0.606382	-1.64912	0.425933	0.791069	-1.26411	0.289122	1.37329	1.37329	0.00104449	0.246885	-4.05048
cg05589999	DNAH6	0.00114626	0.421977	0.762757	-1.31103	0.690646	0.876278	-1.14119	0.672927	0.869201	-1.15048	0.00199869	0.236831	-4.22242	5.45E-05	0.0835882	-11.9634
cg00256201	DNAH6	0.0020307	0.973636	1.00538	1.00538	0.343159	1.17182	1.17182	0.00012248	2.96962	2.96962	0.0152242	0.616337	-1.62249	0.16173	0.78458	-1.27457
cg24938560	DNAH6	0.00383617	0.84776	0.972541	-1.02823	0.0207609	0.668125	-1.49673	0.0304211	0.691732	-1.44565	0.799472	1.03756	1.03756	0.0117247	0.63372	-1.57798
cg09321363	DNAH6	0.00472156	0.333787	0.776779	-1.28737	0.0078626	0.421421	-2.37292	0.520072	1.17965	1.17965	0.0640571	1.69439	1.69439	0.0176834	0.481377	-2.07737
cg11788715	DNAH6	0.00543471	0.904805	1.01853	1.01853	0.00437522	1.79353	1.79353	0.059623	1.38578	1.38578	0.0640936	0.726612	-1.37625	0.850219	0.971401	-1.02944
cg23416937	DNAH6	0.0351197	0.293685	0.814239	-1.22814	0.00978874	0.539989	-1.85189	0.311508	0.820746	-1.2184	0.604178	1.1037	1.1037	0.128094	1.36391	1.36391
cg07213065	DNAH7	0.000528904	0.0195593	0.627894	-1.59262	2.56E-05	0.252391	-3.96211	0.00174981	0.479122	-2.08715	0.328297	0.846681	-1.18108	0.735192	1.05759	1.05759
cg03888814	DNAH7	0.00054659	0.0093079	0.528686	-1.89148	0.00787909	0.517587	-1.93204	0.0487963	1.54453	1.54453	0.931071	1.01685	1.01685	0.00338662	0.463126	-2.15924
cg16445007	DNAH7	0.00152001	0.341633	1.18434	1.18434	0.0210826	0.619415	-1.61443	0.00296671	0.494553	-2.02203	0.434689	1.14755	1.14755	0.000894336	2.36028	2.36028
cg08122351	DNAH7	0.00435647	0.0907771	0.721697	-1.38562	0.40549	0.861591	-1.16064	0.853422	1.0329	1.0329	0.731235	1.06221	1.06221	0.18908	0.783854	-1.27575
cg05879419	DNAH7	0.00830163	0.925552	0.965317	-1.03593	0.846657	1.07586	1.07586	0.242436	0.630003	-1.58729	0.506416	1.28996	1.28996	0.000281617	0.106235	-9.41311
cg23392804	DNAH7	0.0152088	0.488341	0.780507	-1.28122	0.0784399	1.98997	1.98997	0.0550761	0.465039	-2.15036	0.730795	0.88552	-1.12928	0.00134131	0.193883	-5.15775
cg00594841	DNAH7	0.0318332	0.00659116	0.267644	-3.7363	0.0696554	0.468567	-2.13417	0.160921	1.74982	1.74982	0.201072	1.65616	1.65616	0.0854616	0.491484	-2.03466
cg06501988	DNAH7	0.0432931	0.023714	0.269262	-3.71385	0.0601608	0.356909	-2.80184	0.040355	0.316385	-3.16071	0.0628714	0.361694	-2.76477	0.00753015	0.188031	-5.31827
cg13045813	DNAH7;DNAH7	0.0202356	0.248818	1.32547	1.32547	0.96828	1.00934	1.00934	0.281791	1.29882	1.29882	0.482289	0.846261	-1.18167	0.0014322	0.340362	-2.93805
cg14464563	DNAH8	0.00106661	0.230585	0.79267	-1.26156	0.00124261	0.418234	-2.39101	0.000955769	0.40284	-2.48238	0.00152055	0.430216	-2.32441	0.814965	0.957616	-1.04426
cg04897208	DNAH8	0.00185501	0.116087	0.627992	-1.59238	0.0108252	0.418179	-2.39132	9.16E-05	0.149037	-6.70976	0.0244347	0.481721	-2.07589	0.000598357	0.236271	-4.23243
cg26962114	DNAH8	0.00296006	0.596085	1.13499	1.13499	0.250583	1.32868	1.32868	7.03E-05	0.179551	-5.56945	0.281788	1.30314	1.30314	0.106065	0.658476	-1.51866
cg15300837	DNAH8	0.0162533	0.817341	0.953374	-1.04891	0.0421327	1.62128	1.62128	0.00107729	0.369172	-2.70877	0.376946	1.20577	1.20577	0.654219	0.911151	-1.09751
cg08347672	DNAH8	0.0184492	0.0246381	1.786	1.786	0.084569	0.661356	-1.51205	0.0686454	0.642938	-1.55536	0.454377	1.17959	1.17959	0.040296	0.598427	-1.67105
cg13932089	DNAH8	0.0223337	0.243476	0.591216	-1.69143	0.125489	0.489638	-2.04233	0.339484	0.654438	-1.52803	0.0255902	0.319115	-3.13367	0.00235741	0.160879	-6.21585
cg26866263	DNAH8	0.0258691	0.00940768	5.14624	5.14624	0.01881	4.12205	4.12205	0.0385784	3.29499	3.29499	0.245302	1.8308	1.8308	0.00353455	7.15527	7.15527
cg04581728	DNAH8	0.0283949	0.338578	0.448783	-2.22825	0.0187306	0.0988768	-10.1136	0.0891194	0.218104	-4.58497	0.0795031	0.205791	-4.85929	0.0141844	0.0856249	-11.6788
cg15933546	DNAH8;DNAH8	0.000870505	0.828117	0.94023	-1.06357	0.0594397	0.547133	-1.82771	0.210796	0.688163	-1.45314	0.967829	1.0115	1.0115	0.0947641	1.68282	1.68282
cg14278073	DNAH8;DNAH8	0.00337268	0.959765	0.993625	-1.00642	0.00066622	1.93554	1.93554	0.967811	1.00513	1.00513	0.441485	1.10462	1.10462	0.0193904	1.43103	1.43103

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07170752	0.850499	1.09648	1.09648	0.00280911	0.134064	-7.45913	0.355645	0.628899	-1.59008	0.0265944	0.277251	-3.60684	5.72582	21.6062	3.35419	1
cg26914392	0.745992	1.12663	1.12663	0.00705963	3.58702	3.58702	0.0299919	2.55115	2.55115	0.250012	1.55425	1.55425	4.20955	8.97216	1.89456	1
cg20492807	0.00094069	0.637837	-1.5678	0.735613	0.969585	-1.03137	0.0644638	0.827532	-1.20841	0.695838	0.964827	-1.03646	7.27141	0.95654	0.116932	1
cg12071008	0.00964103	0.581485	-1.71974	0.997005	0.999379	-1.00062	0.850524	1.03171	1.03171	0.000190283	0.353147	-2.83168	32.2109	13.9722	0.385575	1
cg06255676	0.000435857	1.91025	1.91025	0.00507745	0.649717	-1.53913	0.00218273	0.606283	-1.64939	0.246345	0.868373	-1.15158	30.1612	6.47387	0.190793	1
cg24539060	0.00988332	0.464175	-2.15436	0.0028396	0.380059	-2.63117	0.0108488	0.470862	-2.12377	0.000575479	0.285219	-3.50608	23.4646	20.5999	0.780369	1
cg09419159	0.00079035	0.564956	-1.77005	0.597641	1.0618	1.0618	0.0708229	1.25517	1.25517	0.0365435	0.760659	-1.31465	23.3586	4.68948	0.178454	1
cg20723425	0.000123786	0.108505	-9.21616	1.51E-05	0.0510216	-19.5995	0.00771554	0.32119	-3.11343	0.000109639	0.104359	-9.58233	22.7163	39.6103	1.54995	1
cg25875702	0.000660223	0.379455	-2.63536	5.13E-06	0.145787	-6.8593	0.0330817	0.629454	-1.58868	0.000975515	0.401998	-2.48757	19.0503	10.4123	0.485839	1
cg14971269	0.0229434	0.588104	-1.70038	0.646058	0.913729	-1.09442	0.00419643	0.4732	-2.11327	0.00214558	0.431233	-2.31893	16.1615	9.74381	0.535914	1
cg09773127	0.0141796	0.377884	-2.64632	6.99E-05	0.0968216	-10.3283	0.0351893	0.454327	-2.20106	0.00402513	0.288656	-3.46434	13.4258	21.989	1.45583	1
cg20652822	0.0524136	0.767463	-1.30299	0.191136	0.846985	-1.18066	0.579078	0.934976	-1.06955	0.0609698	0.776164	-1.28839	13.2539	3.02205	0.202677	1
cg25691430	0.106413	0.693372	-1.44223	0.4651	0.85692	-1.16697	0.0317863	0.592904	-1.68661	0.0328781	0.595503	-1.67925	12.9336	8.83676	0.607323	1
cg09656382	0.00543721	0.447719	-2.23354	0.0670085	0.636944	-1.57	0.0186714	0.534539	-1.87077	0.000683925	0.319894	-3.12604	12.6597	9.67838	0.679557	1
cg21438057	0.000434747	0.682409	-1.4654	0.165031	1.10711	1.10711	0.909371	0.992207	-1.00785	0.00359525	0.762718	-1.3111	12.5712	0.939818	0.0664529	1
cg09006072	0.018603	1.61913	1.61913	0.000321856	0.374223	-2.6722	0.409432	0.867199	-1.15314	0.00194466	0.47699	-2.09648	12.5193	5.65604	0.401589	1
cg21103227	0.371709	1.16966	1.16966	0.34994	0.848402	-1.17869	0.339051	0.845032	-1.18339	0.00914373	0.567955	-1.7607	11.7139	5.41662	0.411032	1
cg00461299	0.6656	1.07953	1.07953	0.00042288	0.374219	-2.67223	0.0767408	0.707213	-1.414	0.0198286	0.609567	-1.64051	10.8335	5.31383	0.435999	1
cg07125124	0.542493	0.876943	-1.14032	0.85043	1.04103	1.04103	0.466998	0.854149	-1.17076	0.71108	0.923813	-1.08247	10.8185	7.77322	0.638675	1
cg21790234	0.027951	0.610966	-1.63675	0.00133431	0.412741	-2.42283	0.496914	0.877339	-1.13981	0.0644626	0.674291	-1.48304	10.5518	6.01543	0.506745	1
cg25988830	0.147311	0.770288	-1.29822	0.000103431	0.315776	-3.16681	0.00686002	0.555643	-1.79972	0.00186304	0.476663	-2.09792	10.3512	4.61843	0.396598	1
cg18098769	0.00338598	0.233613	-4.28058	0.000426851	0.130633	-7.65504	0.00271834	0.220714	-4.53076	0.00267402	0.219769	-4.55024	9.14091	19.2802	1.87486	1
cg09687005	0.927215	1.01793	1.01793	0.248093	0.790705	-1.26469	0.0332584	0.616332	-1.6225	0.431771	0.85552	-1.16888	9.01085	5.39793	0.532488	1
cg22990955	0.00398407	0.597643	-1.67324	0.374716	1.12881	1.12881	0.125788	1.24645	1.24645	0.0882852	0.778719	-1.28416	8.31421	2.32859	0.248955	1
cg01621090	0.000571543	0.174782	-5.72141	0.00716086	0.321266	-3.11268	0.0480262	0.477569	-2.09394	0.111331	0.567136	-1.76325	8.26036	13.9892	1.50536	1
cg11347599	0.0127829	0.463353	-2.15818	0.0247249	1.94455	1.94455	0.334463	1.28092	1.28092	0.0308572	0.532296	-1.87866	8.15772	7.99253	0.870889	1
cg16678718	0.0301355	0.471682	-2.12007	0.00173625	0.268133	-3.72949	0.00476564	0.331433	-3.0172	0.00286888	0.298575	-3.34924	7.9431	10.9248	1.22256	1
cg15106561	0.136239	0.741998	-1.34771	0.392718	0.849804	-1.17674	0.227091	0.790009	-1.26581	0.653943	1.08749	1.08749	7.40627	4.05269	0.486398	1
cg11954852	0.117589	0.769767	-1.29909	0.112005	1.3053	1.3053	0.743363	0.950678	-1.05188	0.951997	0.990775	-1.00931	6.79634	2.55124	0.333675	1
cg05845879	0.248538	1.31078	1.31078	0.000522668	0.29722	-3.36451	0.0553134	0.61423	-1.62806	0.116344	0.681915	-1.46646	6.77626	5.40223	0.708647	1
cg22792552	0.850076	0.981013	-1.01935	0.0787524	1.21869	1.21869	0.0230185	0.759259	-1.31707	0.0602705	0.806817	-1.23944	6.61523	1.07515	0.144468	1
cg25399573	0.142137	0.601319	-1.66301	0.00419805	0.290557	-3.44166	0.0511484	0.488785	-2.04589	0.0472824	0.481157	-2.07832	6.21503	10.2253	1.46245	1
cg27174444	0.444003	1.11863	1.11863	0.891876	1.01973	1.01973	0.491645	0.904527	-1.10555	0.265334	1.18147	1.18147	5.84411	1.91021	0.290542	1
cg09577144	0.140186	0.590155	-1.69447	0.00337027	0.265761	-3.76278	0.201609	0.638838	-1.56534	0.00736809	0.317403	-3.15057	5.67812	9.93043	1.55457	1
cg07255197	0.195061	0.74698	-1.33872	0.642843	0.905383	-1.1045	0.0855609	0.667313	-1.49855	0.00973543	0.498606	-2.00559	5.59996	4.01799	0.637782	1
cg00093095	0.0977286	1.97443	1.97443	0.276182	1.52825	1.52825	0.00268777	4.72674	4.72674	0.190963	1.67946	1.67946	5.38583	11.9588	1.97371	1
cg10332979	0.233725	0.746202	-1.34012	0.150586	0.696774	-1.43518	0.0416391	0.576509	-1.73458	0.0295957	0.548477	-1.82323	5.38507	4.6899	0.77414	1
cg23834812	0.146932	0.52654	-1.89919	0.049855	0.397832	-2.51362	0.536443	0.772632	-1.29428	0.0197544	0.31348	-3.18999	5.38069	14.4695	2.39037	1
cg22756089	0.0340196	0.478848	-2.08835	0.423705	1.27528	1.27528	0.427721	0.785863	-1.27249	0.0621514	0.5353	-1.86811	5.33227	7.47939	1.24681	1
cg24801087	0.31544	1.13673	1.13673	0.000601337	1.92212	1.92212	0.116124	1.23471	1.23471	0.0576764	1.30344	1.30344	5.29363	1.27807	0.214609	1
cg18935231	0.201003	1.49612	1.49612	0.88424	1.04442	1.04442	0.878267	1.04679	1.04679	0.0251713	0.451898	-2.21289	5.25987	7.41356	1.25285	1
cg08587948	0.612523	1.10173	1.10173	0.000770809	0.380669	-2.62696	0.560793	0.894432	-1.11803	0.0845485	0.696349	-1.43606	5.20759	2.96767	0.506556	1
cg17477930	0.113879	0.551548	-1.81308	0.0306604	0.415446	-2.40705	0.0177591	0.368908	-2.7107	0.392959	0.738796	-1.35355	4.83683	9.16748	1.68475	1
cg22360563	0.0372702	0.383125	-2.61011	0.0057946	0.238269	-4.19694	0.200063	0.584397	-1.71117	0.307874	0.657798	-1.52022	4.78568	11.9362	2.21702	1
cg00249503	0.114066	0.4507	-2.21877	0.0164541	0.256935	-3.89203	0.00529835	0.181982	-5.49505	0.0193788	0.269609	-3.70908	4.75009	16.17	3.02592	1
cg03830375	0.0130498	1.32426	1.32426	0.280608	1.10769	1.10769	0.843567	1.01818	1.01818	0.507843	0.940571	-1.06318	4.49093	0.591555	0.117086	1
cg04603024	0.494967	1.14014	1.14014	0.0698649	0.68137	-1.46763	0.0226618	0.596654	-1.67601	0.132615	0.735558	-1.35951	4.4676	2.53454	0.504282	1
cg25730791	0.0318562	0.524231	-1.90755	0.328837	1.29532	1.29532	0.910985	1.02913	1.02913	0.487734	0.834426	-1.19843	4.43513	4.63058	0.928061	1
cg09486879	0.157884	0.51807	-1.93024	0.00131594	0.130535	-7.66081	0.0902679	0.443489	-2.25485	0.057723	0.392735	-2.54625	4.38695	13.1804	2.67062	1
cg16403016	0.419854	1.19455	1.19455	0.486999	1.16454	1.16454	0.701125	1.08674	1.08674	0.183885	0.737802	-1.35538	4.38505	3.23107	0.654965	1
cg06799664	0.133237	0.61453	-1.62726	0.0127805	0.394645	-2.53392	0.186407	0.656346	-1.52359	0.105092	0.58722	-1.70294	4.38142	6.27038	1.27212	1
cg13541146	0.72707	1.10148	1.10148	0.000577893	4.34415	4.34415	0.938685	0.979002	-1.02145	0.900013	0.965921	-1.03528	4.3365	5.22582	1.07118	1
cg13912318	0.109664	0.649625	-1.53935	0.44274	1.21358	1.21358	0.58534	1.14599	1.14599	0.790643	0.936308	-1.06802	4.1224	3.99427	0.861259	1
cg07015511	0.0115911	0.197652	-5.0594	0.00362813	0.132402	-7.55276	0.301847	0.577257	-1.73233	0.0506226	0.31849	-3.13982	4.07361	17.024	3.71475	1
cg05414903	0.0546588	0.628276	-1.59166	0.177277	1.35765	1.35765	0.0476496	0.616963	-1.62084	0.0153919	0.530426	-1.88528	4.06066	2.92393	0.640057	1
cg17514088	0.0952892	0.600357	-1.66568	0.0117945	0.416647	-2.40011	0.620565	1.14904	1.14904	0.462981	0.812219	-1.23119	4.01638	4.93006	1.0911	1
cg12818883	0.116357	0.684406	-1.46112	0.187412	0.733084	-1.3641	0.443871	0.840737	-1.18943	0.206693	0.743817	-1.34442	3.78005	2.95666	0.695266	1
cg13064210	0.628979	0.905797	-1.104	0.847257	1.03997	1.03997	0.138717	1.3825	1.3825	0.717799	1.07654	1.07654	3.7777	2.47089	0.581398	1
cg20288203	0.237902	0.856772	-1.16717	0.0400637	1.34537	1.34537	0.260656	0.86356	-1.158	0.0399343	0.743105	-1.3457	3.75917	0.930794	0.220094	1
cg15405429	0.519222	0.90813	-1.10116	0.56578	0.917944	-1.08939	0.892787	0.980308	-1.02009	0.184131	0.812376	-1.23096	3.72739	1.28412	0.30623	1
cg22297934	0.0787335	0.488797	-2.04584	0.245985	0.640934	-1.56022	0.975388	0.988754	-1.01137	0.207426	0.614237	-1.62804	3.7217	7.92239	1.89218	1
cg14330206	0.360765	0.451712	-2.2138	0.00959287	0.0624184	-16.0209	0.0164928	0.0839014	-11.9188	0.0793775	0.192582	-5.19259	3.68449	41.7521	10.0728	1
cg16502522	0.17343	0.537812	-1.85939	0.00908587	0.241827	-4.13518	0.0292447	0.332877	-3.00411	0.05195	0.387929	-2.57779	3.61104	10.4873	2.58155	1
cg00735218	0.413216	0.705838	-1.41676	0.0275887	0.337935	-2.95915	0.258062	0.611726	-1.63472	0.153689	0.529352	-1.8891	3.55447	9.76297	2.44148	1
cg23676734	0.234347	1.44806	1.44806	0.581345	1.17987	1.17987	0.566604	0.841954	-1.18771	0.962115	0.985992	-1.01421	3.51114	4.9046	1.24166	1
cg11752857	0.150379	1.43483	1.43483	0.00916454	0.460684	-2.17069	0.448672	0.834579	-1.19821	0.296673	0.776148	-1.28841	3.49375	3.03508	0.772193	1
cg01341643	0.676983	0.964852	-1.03643	0.0406604	1.22914	1.22914	0.96217	0.995961	-1.00406	0.128077	0.867547	-1.15268	3.79562	0.428515	0.0878091	1
cg22608646	0.0163959	0.161729	-6.18317	0.0196667	0.17375	-5.75538	0.0501918	0.249915	-4.00136	0.0432426	0.235958	-4.23805	3.45785	21.1236	5.43012	1
cg09705784	0.523138	1.39126	1.39126	0.0316081	0.276376	-3.61826	0.540461	0.728906	-1.37192	0.152363	0.457354	-2.18649	3.41293	14.0743	3.66562	1
cg24200401	0.0937663	1.22277	1.22277	0.00853524	1.44233	1.44233	0.0225972	0.742322	-1.34712	0.0111861	0.706838	-1.41475	7.8904	1.48834	0.167668	1
cg15939973	0.024853	0.556816	-1.79592	0.0802332	0.653449	-1.53034	0.763556	1.06838	1.06838	0.154756	0.716121	-1.39641	5.77204	4.39436	0.676728	1
cg24580146	0.00321802	0.398959	-2.50652	0.0180185	0.518532	-1.92852	0.000776526	0.312734	-3.1976	0.02588	0.546299	-1.8305	24.7067	20.4416	0.735441	1
cg01400135	0.459238	1.1753	1.1753	0.0177841	1.85459	1.85459	0.188707	1.34782	1.34782	0.648751	0.906383	-1.10329	12.8529	9.35177	0.646756	1
cg04740558	0.0068345	0.630261	-1.58665	0.00919512	1.5461	1.5461	0.102482	1.26546	1.26546	0.732086	1.04632	1.04632	10.0298	2.75767	0.244399	1
cg19911719	0.459703	0.854827	-1.16983	0.492191	1.15645	1.15645	0.804419	0.949614	-1.05306	0.205041	0.756822	-1.32131	8.13534	5.59437	0.611255	1
cg14916228	0.000710596	0.443004	-2.25732	0.743685	0.949517	-1.05317	0.0827837	1.35433	1.35433	0.20878	0.811235	-1.23269	7.95803	3.14174	0.350923	1
cg01330991	0.0258712	1.44049	1.44049	0.00566054	1.65014	1.65014	0.748827	0.956647	-1.04532	0.95841	1.00722	1.00722	6.30735	1.9015	0.267976	1
cg25562797	0.961888	1.00605	1.00605	0.00104966	1.84337	1.84337	0.988424	0.998172	-1.00183	0.770379	0.963755	-1.03761	5.75379	1.44998	0.224004	1
cg17434724	0.282747	0.735707	-1.35924	0.0635077	0.56341	-1.77491	0.687904	1.11744	1.11744	0.165545	0.665848	-1.50184	5.75185	6.88839	1.06453	1
cg21327235	0.0924811	0.366748	-2.72667	0.451115	0.659716	-1.5158	0.00434306	0.126854	-7.88309	0.0181953	0.211549	-4.72703	5.20563	24.1965	4.13168	1
cg14667505	0.0203427	0.27993	-3.57232	0.686712	0.831443	-1.20273	0.0127652	0.244508	-4.08985	0.0283291	0.307738	-3.24952	4.8714	15.9913	2.91795	1
cg18105529	0.196328	0.495053	-2.01999	0.0102683	0.18924	-5.2843	0.0723531	0.356314	-2.80652	0.0263439	0.257808	-3.87886	4.69309	19.6847	3.72835	1
cg25000600	0.0212064	2.42421	2.42421	0.0541161	2.01113	2.01113	0.00341303	3.56727	3.56727	0.0347851	2.19562	2.19562	4.44369	7.1902	1.43828	1
cg02385411	0.983489	0.997199	-1.00281	0.00344886	1.71326	1.71326	0.654508	1.06297	1.06297	0.302901	0.86531	-1.15566	4.30974	1.25435	0.258712	1
cg19986200	0.00100094	0.264196	-3.78506	0.136897	1.54736	1.54736	0.579976	1.16451	1.16451	0.513286	0.834745	-1.19797	4.14851	4.87716	1.04501	1
cg05491376	0.249087	0.696876	-1.43498	0.00561276	0.336209	-2.97434	0.00227074	0.278037	-3.59665	0.670803	0.879701	-1.13675	4.11344	5.85489	1.2652	1
cg05900058	0.847033	1.04444	1.04444	0.00919871	2.1055	2.1055	0.654266	0.903485	-1.10683	0.839167	1.04682	1.04682	3.72366	2.98973	0.71369	1
cg12731325	0.0706223	0.421858	-2.37047	0.0156595	0.282051	-3.54545	0.926725	0.961467	-1.04008	0.137661	0.505114	-1.97975	3.51471	10.1587	2.5692	1
cg07711099	0.0312857	2.76878	2.76878	0.0837408	2.16288	2.16288	0.0051434	4.43485	4.43485	0.100462	2.06536	2.06536	3.44439	8.86289	2.28723	1
cg02034822	0.658891	1.05986	1.05986	0.873048	0.979292	-1.02115	0.122334	0.803233	-1.24497	0.158118	0.820813	-1.2183	38.1311	10.3413	0.241069	1
cg08249899	0.945583	1.01606	1.01606	0.518688	1.16496	1.16496	0.488169	0.848438	-1.17864	0.0123046	0.483095	-2.06999	17.894	15.435	0.766736	1
cg06730132	0.552239	1.13772	1.13772	0.432075	1.18773	1.18773	0.964866	1.0095	1.0095	0.0828522	0.662262	-1.50998	15.3474	11.1908	0.648144	1
cg09686729	0.0192906	0.60998	-1.6394	0.0991087	1.37134	1.37134	0.231909	0.803331	-1.24482	0.00305246	0.492272	-2.0314	7.15469	3.45687	0.429477	1
cg02330352	0.38086	1.45355	1.45355	0.874547	0.93637	-1.06795	0.139929	0.516416	-1.93642	0.0142998	0.284519	-3.5147	5.68889	15.5995	2.43742	1
cg04653893	0.469213	0.809688	-1.23504	0.581725	0.852565	-1.17293	0.0562666	0.538078	-1.85847	0.000567294	0.216327	-4.62263	5.65288	7.3586	1.1571	1
cg06951011	0.0826704	0.618116	-1.61782	0.33173	0.778285	-1.28488	0.0119171	0.455886	-2.19353	0.00217492	0.340755	-2.93466	4.28141	4.24844	0.882044	1
cg01094213	0.854179	0.966848	-1.03429	0.262662	0.807339	-1.23864	0.435296	0.864276	-1.15704	0.00517554	0.508447	-1.96677	3.82376	2.03365	0.472751	1
cg09336508	0.112168	0.317493	-3.14968	0.0858987	0.283958	-3.52164	0.119793	0.32643	-3.06345	0.321765	0.507135	-1.97186	3.54667	24.7143	6.19406	1
cg00666986	0.998401	0.999555	-1.00045	0.0198723	0.535592	-1.86709	0.062276	1.59375	1.59375	0.894539	1.02989	1.02989	8.30473	6.48748	0.694381	1
cg01478482	0.0116468	0.353756	-2.8268	0.00442227	0.285939	-3.49725	0.017659	0.386272	-2.58885	0.537104	0.813858	-1.22872	6.75876	11.6268	1.52911	1
cg06654079	0.0288987	0.339662	-2.9441	0.0875768	0.453643	-2.20438	0.00408406	0.198828	-5.02948	0.183068	0.553138	-1.80787	4.67583	13.0106	2.47336	1
cg07079231	0.251085	0.698243	-1.43217	0.255512	1.42698	1.42698	0.00116728	0.239858	-4.16914	0.758357	1.09683	1.09683	4.03012	5.72657	1.26306	1
cg04045089	0.231928	0.818184	-1.22222	0.00119331	0.467572	-2.13871	0.90956	0.981977	-1.01835	0.653253	1.07506	1.07506	3.66081	1.48533	0.360655	1
cg13896699	0.176767	1.20571	1.20571	0.0104814	0.657242	-1.52151	0.162117	0.823274	-1.21466	4.84E-06	0.256437	-3.89959	19.3016	5.18863	0.238951	1
cg22466716	0.00158035	0.268692	-3.72173	0.0133624	0.411614	-2.42946	0.983965	1.00584	1.00584	0.0915816	0.583834	-1.71282	8.6548	11.5021	1.18132	1
cg07548982	0.289347	0.74107	-1.3494	0.0899288	1.6641	1.6641	0.789132	1.07577	1.07577	0.000142359	0.167394	-5.97392	7.02148	8.2556	1.04512	1
cg16403725	0.243944	1.36282	1.36282	0.0225442	0.49973	-2.00108	0.00684818	2.43343	2.43343	0.00497839	0.389072	-2.57022	6.01848	6.14607	0.907733	1
cg08442052	0.00711494	0.201988	-4.9508	0.0021194	0.137038	-7.29724	0.600344	0.784106	-1.27534	0.010961	0.230214	-4.34379	5.91797	19.8394	2.9799	1
cg15416770	0.617842	0.893754	-1.11888	0.0595003	1.60801	1.60801	0.641366	0.900543	-1.11044	0.212905	0.746057	-1.34038	5.51907	4.35916	0.702076	1
cg03503295	0.0238002	4.65454	4.65454	0.438508	0.637341	-1.56902	0.00565436	7.92363	7.92363	0.388625	1.65477	1.65477	5.13231	26.4135	4.57468	1
cg20738735	0.181173	2.04015	2.04015	0.034291	3.45671	3.45671	0.122093	2.32016	2.32016	0.351234	1.61911	1.61911	4.65543	18.6004	3.55148	1
cg26992949	0.047701	0.227924	-4.38742	0.00647497	0.0990938	-10.0914	0.5558	0.677652	-1.47568	0.0621782	0.253799	-3.94012	4.05601	27.3977	6.0043	1
cg20380465	0.979949	1.00978	1.00978	0.0557672	0.432032	-2.31464	0.881129	0.943701	-1.05966	0.024625	0.354731	-2.81904	3.87163	9.19497	2.11107	1
cg23504924	0.161546	0.512718	-1.95039	0.0202975	0.286416	-3.49142	0.552723	0.764621	-1.30784	0.978466	1.01213	1.01213	3.70929	11.7305	2.81108	1
cg04192593	0.485001	1.25406	1.25406	0.500084	1.24408	1.24408	0.679112	0.875711	-1.14193	0.00472246	0.301915	-3.31219	3.3957	5.47443	1.43304	1
cg10929210	0.0275522	0.801929	-1.24699	2.39E-08	0.172522	-5.79638	1.23E-05	0.457936	-2.18371	0.11881	1.1542	1.1542	75.7081	8.60271	0.101004	1
cg08026651	0.0613897	0.544673	-1.83597	3.02E-06	0.0405771	-24.6445	0.00049136	0.207265	-4.82473	0.0191889	0.44182	-2.26336	20.8379	27.4268	1.16996	1
cg05589999	0.245861	0.669846	-1.49288	0.0717019	0.514836	-1.94237	0.314352	0.709267	-1.40991	0.000318905	0.14602	-6.84838	11.3187	19.5402	1.53455	1
cg00256201	0.512204	0.897693	-1.11397	0.0768002	1.37649	1.37649	0.437293	0.879278	-1.1373	0.00886078	0.582223	-1.71756	9.59918	4.0078	0.371124	1
cg24938560	0.639774	0.933993	-1.07067	0.00056019	0.460653	-2.17083	0.0435343	1.39968	1.39968	0.00323369	0.558823	-1.78948	7.95198	2.6431	0.295451	1
cg09321363	0.966822	1.0106	1.0106	0.00178454	0.324123	-3.08525	0.00175294	0.323037	-3.09562	0.0475147	0.563068	-1.77598	7.46787	7.59374	0.90387	1
cg11788715	0.001452	0.493576	-2.02603	0.018903	1.54706	1.54706	0.951026	1.00947	1.00947	0.200378	0.812533	-1.23072	7.15373	2.669	0.331637	1
cg23416937	0.607865	0.90697	-1.10257	0.00949804	1.85879	1.85879	0.468283	0.870031	-1.14938	0.159661	0.753147	-1.32776	3.86236	2.17738	0.501106	1
cg07213065	0.703232	0.938818	-1.06517	0.00539517	1.82973	1.82973	0.364349	1.1662	1.1662	0.363512	1.16653	1.16653	14.0693	6.0624	0.383019	1
cg03888814	0.00152093	0.413948	-2.41576	3.11E-05	0.20803	-4.80701	0.397787	0.845976	-1.18207	0.577396	1.11488	1.11488	13.9412	8.24093	0.52544	1
cg16445007	0.0704927	1.4177	1.4177	0.000749791	2.41803	2.41803	0.391339	0.859295	-1.16374	0.748607	1.05709	1.05709	10.4397	4.92924	0.419701	1
cg08122351	0.777833	0.951693	-1.05076	4.38E-05	0.257508	-3.88337	0.766184	0.949139	-1.05359	0.373088	0.852097	-1.17358	7.65255	3.71348	0.431343	1
cg05879419	0.0929096	0.497479	-2.01013	0.0190717	0.342451	-2.92012	0.528083	0.785508	-1.27306	0.00867462	0.282669	-3.5377	6.2706	14.1659	2.00808	1
cg23392804	0.0695555	0.489423	-2.04322	0.0093884	0.313694	-3.18782	0.848425	1.06968	1.06968	0.182737	0.607916	-1.64496	5.15705	10.1207	1.74445	1
cg00594841	0.262195	0.646092	-1.54777	0.781464	0.901311	-1.10949	0.0599623	2.20984	2.20984	0.390021	1.38972	1.38972	4.00135	8.84682	1.9653	1
cg06501988	0.0530932	0.343693	-2.90958	0.0198341	0.254926	-3.9227	0.450512	0.688237	-1.45299	0.108291	0.426832	-2.34284	3.5768	13.3772	3.32443	1
cg13045813	0.00894985	0.459702	-2.17532	0.304377	1.28227	1.28227	0.964187	0.98956	-1.01055	0.617124	1.12504	1.12504	4.68587	4.05489	0.769195	1
cg14464563	0.140704	0.746211	-1.3401	0.00065122	0.380712	-2.62666	0.317767	1.21019	1.21019	0.0220834	1.66045	1.66045	11.5531	6.24484	0.480475	1
cg04897208	0.633167	0.877232	-1.13995	0.00601938	0.376208	-2.6581	0.0536977	0.55058	-1.81627	0.196121	0.689102	-1.45116	9.85531	11.5826	1.04468	1
cg26962114	0.908872	0.97326	-1.02747	0.0245767	1.8848	1.8848	0.872388	1.03878	1.03878	0.557857	0.869105	-1.15061	8.59227	7.62511	0.788834	1
cg15300837	0.380562	1.20397	1.20397	0.0791206	1.4953	1.4953	0.158472	0.732624	-1.36496	0.190082	0.750953	-1.33164	5.04455	3.40301	0.599636	1
cg08347672	0.0231658	0.555233	-1.80105	0.0478873	0.612493	-1.63267	0.283489	1.27316	1.27316	0.0278138	0.569204	-1.75684	4.83484	3.59682	0.661278	1
cg13932089	0.00990547	0.2458	-4.06834	0.0143672	0.272631	-3.66796	0.0433035	0.367514	-2.72098	0.0494754	0.380845	-2.62574	4.53046	13.3075	2.61097	1
cg26866263	0.530073	1.37236	1.37236	0.07772	2.65289	2.65289	0.0242472	3.80638	3.80638	0.0747885	2.68479	2.68479	4.30565	16.8871	3.48628	1
cg04581728	0.240347	0.368448	-2.71409	0.00233374	0.0316871	-31.5585	0.096738	0.227438	-4.3968	0.027157	0.119557	-8.36423	4.16715	43.5389	9.2872	1
cg15933546	0.142871	0.639957	-1.56261	1.08E-05	0.0698935	-14.3075	0.953534	1.01665	1.01665	0.0445447	0.520043	-1.92292	12.2373	15.5708	1.13102	1
cg14278073	0.000314927	2.09637	2.09637	0.0619254	1.3054	1.3054	0.395487	0.895542	-1.11664	0.454537	0.907938	-1.1014	8.26486	2.10393	0.226278	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20811564	DNAH9	0.000871634	0.494718	0.740873	-1.34976	0.0099613	0.244669	-4.08715	0.0140701	0.269503	-3.71053	0.0431721	2.73528	2.73528	0.0343956	0.343916	-2.90768
cg08507393	DNAH9	0.00468516	0.0904968	0.703429	-1.42161	0.968387	0.992553	-1.0075	0.728433	0.936373	-1.06795	0.779785	0.948507	-1.05429	0.0539298	0.661872	-1.51087
cg11797949	DNAH9	0.00653041	0.114038	1.47533	1.47533	0.416358	1.20671	1.20671	0.0948463	0.66018	-1.51474	0.0105017	0.482665	-2.07183	0.700616	1.09132	1.09132
cg15094819	DNAH9	0.00828546	0.0161204	2.60926	2.60926	0.000225791	7.37445	7.37445	0.511869	1.24198	1.24198	0.167283	1.61533	1.61533	0.11334	0.57048	-1.75291
cg14657915	DNAH9	0.0118881	0.379049	0.667675	-1.49773	0.0375052	2.9459	2.9459	0.110462	2.17839	2.17839	0.9515	0.973141	-1.0276	0.000801661	0.103819	-9.63219
cg01907184	DNAH9	0.0125295	0.345067	0.819794	-1.21982	0.886466	0.971357	-1.02949	0.685779	0.920535	-1.08632	0.844317	0.960791	-1.04081	0.698711	0.923882	-1.08239
cg23357250	DNAH9	0.0150862	0.107228	0.800713	-1.24889	0.00960498	0.660717	-1.51351	0.10971	1.2466	1.2466	0.386345	0.893819	-1.1188	0.140598	0.818427	-1.22186
cg04349506	DNAH9	0.0200225	0.631301	0.924092	-1.08214	0.153622	0.77924	-1.2833	0.264308	0.826987	-1.20921	0.700465	1.06515	1.06515	0.0146267	0.612107	-1.6337
cg05933932	DNAH9	0.0218119	0.130648	0.699381	-1.42984	0.41184	1.20178	1.20178	0.819301	0.951113	-1.0514	0.639237	0.901747	-1.10896	0.204017	1.3413	1.3413
cg20211604	DNAH9	0.0291991	0.225283	1.7464	1.7464	0.0633943	0.400941	-2.49413	0.936034	0.96547	-1.03577	0.859721	0.925478	-1.08052	0.00700143	0.217232	-4.60337
cg11499681	DNAH9	0.0328122	0.874874	1.01633	1.01633	0.576314	0.943632	-1.05973	0.000702391	1.70056	1.70056	0.6792	0.95816	-1.04367	0.300624	1.11654	1.11654
cg14281612	DNAH9;DNAH9	0.0060816	0.000887339	0.290632	-3.44078	0.153795	0.684609	-1.46069	0.0315369	0.534885	-1.86956	0.795748	0.93766	-1.06648	0.00102554	0.298921	-3.34536
cg14135174	DNAH9;DNAH9	0.0142205	0.0552522	0.768691	-1.30091	0.459416	0.912844	-1.09548	0.0379591	0.747296	-1.33816	0.0868123	0.795359	-1.25729	0.422395	0.905555	-1.1043
cg12626882	DNAH9;DNAH9;DNAH9	0.000121431	0.00868944	0.367931	-2.7179	1.28E-05	0.0645192	-15.4993	0.00277445	0.291285	-3.43306	0.008852	0.369275	-2.70801	0.000284338	0.169931	-5.88474
cg14557216	DNAI1	0.0208681	0.432034	0.822274	-1.21614	0.0320164	0.541696	-1.84605	0.00079744	0.290575	-3.44145	0.343046	0.787909	-1.26918	0.0181898	0.496717	-2.01322
cg13548543	DNAI1;C9orf25	0.0162464	0.904591	0.966751	-1.03439	0.814628	0.935915	-1.06847	0.00159373	0.278722	-3.58781	0.100628	0.602222	-1.66052	0.0349271	1.99997	1.99997
cg25245192	DNAI2	7.23E-05	0.0509098	0.753532	-1.32708	0.0413091	0.741191	-1.34918	0.000119914	0.425016	-2.35285	0.15389	1.21441	1.21441	6.21E-05	0.390885	-2.55829
cg25207738	DNAI2	0.000741374	0.0302001	0.499843	-2.00063	0.0735987	0.58117	-1.72067	7.70E-05	0.142492	-7.01795	0.259093	0.72589	-1.37762	?	?	?
cg21584710	DNAI2	0.000805069	0.0906256	0.715871	-1.3969	0.402857	1.16589	1.16589	0.000695383	0.395463	-2.52868	0.981327	1.0042	1.0042	0.000564799	0.383629	-2.60668
cg00784759	DNAI2	0.00132502	0.0204292	0.564573	-1.77125	0.254548	1.27561	1.27561	0.0143411	0.539166	-1.85472	0.0704321	1.51246	1.51246	4.21E-05	0.202998	-4.92616
cg26463800	DNAI2	0.00141424	0.00231989	0.327318	-3.05514	0.29143	1.33294	1.33294	0.037157	0.529847	-1.88734	0.165292	1.4748	1.4748	0.175611	0.685175	-1.45948
cg04643858	DNAI2	0.00226265	0.177102	0.607614	-1.64578	0.0145363	0.351542	-2.84461	0.611217	0.836914	-1.19487	0.815753	0.922139	-1.08443	2.97E-05	0.0584399	-17.1116
cg20502694	DNAI2	0.00241806	0.421221	1.23386	1.23386	0.654028	0.891028	-1.1223	0.0111038	0.442926	-2.25771	0.0841805	0.613444	-1.63014	5.73E-05	0.148159	-6.74952
cg09601923	DNAI2	0.00335741	0.00748628	0.303542	-3.29444	0.147373	0.583692	-1.71323	0.130846	0.568399	-1.75933	0.833444	0.929674	-1.07565	0.000350941	0.136788	-7.31059
cg11856697	DNAI2	0.00362719	0.0079391	0.700914	-1.42671	0.956504	1.00571	1.00571	0.00056332	0.572286	-1.74738	0.631123	0.950748	-1.0518	0.000681053	0.58161	-1.71937
cg00612225	DNAI2	0.00458234	0.0876518	0.628481	-1.59114	0.0923824	0.633614	-1.57825	0.314143	0.773794	-1.29233	0.416761	0.81509	-1.22686	6.07E-05	0.161292	-6.19994
cg16358867	DNAI2	0.0065348	0.053454	0.541718	-1.84598	0.119861	0.624024	-1.6025	0.00160546	0.282373	-3.54142	0.0485746	0.532794	-1.8769	0.00531409	0.358268	-2.79121
cg14973055	DNAI2	0.0102492	0.0744424	0.449439	-2.225	0.336295	0.67103	-1.49025	0.00361405	0.204953	-4.87916	0.0371873	0.377802	-2.64689	0.0202029	0.323971	-3.08669
cg12381873	DNAI2	0.020547	0.00809184	0.307229	-3.2549	0.0618173	0.48098	-2.07909	0.233605	0.647536	-1.54432	0.0781874	0.506124	-1.9758	0.000770861	0.170017	-5.88177
cg17562433	DNAI2	0.0291286	0.0370025	0.227402	-4.3975	0.132657	0.370782	-2.69701	0.693602	0.784962	-1.27395	0.174741	0.413689	-2.41728	0.00194474	0.068561	-14.5855
cg04404540	DNAI2;DNAI2	0.0461939	0.0304168	0.199954	-5.00115	0.0240404	0.182165	-5.48952	0.948486	1.04173	1.04173	0.339391	0.536331	-1.86452	0.0367265	0.215378	-4.643
cg14288209	DNAJA1	2.75E-14	?	?	?	1.36E-13	0.596032	-1.67776	9.65E-14	0.541068	-1.84819	?	?	?	1.33E-14	5.22055	5.22055
cg09966978	DNAJA1	0.0395581	?	?	?	0.0454635	1.33521	1.33521	0.205686	1.18322	1.18322	0.21625	0.848757	-1.17819	0.928313	1.0114	1.0114
cg14268223	DNAJA1	0.0410715	0.0401494	0.567609	-1.76178	0.018844	0.506895	-1.97279	0.825973	0.94877	-1.054	0.463117	1.19526	1.19526	0.0302979	0.544337	-1.8371
cg07817886	DNAJA2	0.00758637	0.0365268	0.247093	-4.04706	0.0370859	0.24844	-4.02512	0.00451232	0.113338	-8.82316	0.245584	0.497255	-2.01104	0.994999	0.996401	-1.00361
cg00438071	DNAJA2	0.00876951	0.0368974	0.337675	-2.96143	0.0215867	0.290581	-3.44138	0.63556	1.23842	1.23842	0.337966	1.5565	1.5565	0.091399	0.434889	-2.29943
cg05878098	DNAJA2	0.0142629	0.229817	1.44062	1.44062	0.00408636	0.327424	-3.05415	0.40748	1.27827	1.27827	0.735499	1.10323	1.10323	0.821304	1.06775	1.06775
cg04923532	DNAJA3;DNAJA3	0.00026507	0.247462	0.78727	-1.27021	0.203485	1.30409	1.30409	0.0600041	0.657251	-1.52149	0.0982729	1.43144	1.43144	0.000269959	0.306769	-3.25978
cg16533314	DNAJA3;DNAJA3	0.00101074	0.00805503	0.354487	-2.82097	0.00129834	0.238958	-4.18483	0.0300036	0.45843	-2.18136	0.762223	1.09715	1.09715	0.000152114	0.137348	-7.28076
cg07617560	DNAJA3;DNAJA3	0.00543171	0.00168324	0.55576	-1.79934	0.359673	1.13113	1.13113	0.185571	1.20161	1.20161	0.26654	0.859451	-1.16353	0.303499	1.14963	1.14963
cg02292055	DNAJA3;DNAJA3	0.00882266	0.461003	1.10971	1.10971	0.00390604	1.71395	1.71395	0.00432911	1.69711	1.69711	0.27384	1.17109	1.17109	0.0225097	0.684519	-1.46088
cg26527607	DNAJA3;DNAJA3	0.0370632	0.811477	0.963036	-1.03838	0.302552	0.845064	-1.18334	0.33202	1.17087	1.17087	0.010031	0.599112	-1.66914	0.0343325	0.677647	-1.47569
cg17246382	DNAJA4;DNAJA4	3.06E-05	0.602339	1.1342	1.1342	0.0289611	0.539662	-1.85301	0.74704	1.08061	1.08061	0.00366378	0.390125	-2.56328	0.506924	1.17503	1.17503
cg16358679	DNAJA4;DNAJA4	0.000121067	0.0388421	1.52923	1.52923	0.619237	0.91488	-1.09304	0.29758	0.825503	-1.21138	0.00869954	0.552251	-1.81077	0.73429	0.941293	-1.06237
cg01786994	DNAJA4;DNAJA4	0.0023712	0.0346515	2.11073	2.11073	0.707252	0.891874	-1.12123	0.203358	0.665475	-1.50269	0.699188	1.12499	1.12499	0.0201245	0.42728	-2.34039
cg04975272	DNAJA4;DNAJA4	0.0382587	0.146621	0.699917	-1.42874	0.277099	1.29546	1.29546	0.227503	0.748173	-1.33659	0.0854711	1.54552	1.54552	0.201876	0.734469	-1.36153
cg08594606	DNAJA4;DNAJA4;DNAJA4	0.000596113	0.102767	0.620438	-1.61176	0.00576316	2.63128	2.63128	0.0279915	0.499483	-2.00207	0.402846	0.795392	-1.25724	3.20E-05	0.11479	-8.71155
cg09214398	DNAJA4;DNAJA4;DNAJA4	0.00365527	0.0159845	0.30199	-3.31137	0.090998	2.12921	2.12921	0.734361	0.870872	-1.14827	0.457883	1.35916	1.35916	9.59E-05	0.0597239	-16.7437
cg25025992	DNAJA4;DNAJA4;DNAJA4	0.00515142	0.00183086	0.313837	-3.18637	0.0103248	0.429209	-2.32986	0.349119	0.777013	-1.28698	0.367329	0.784743	-1.2743	0.00387548	0.361222	-2.76838
cg13747794	DNAJA4;DNAJA4;DNAJA4;DNAJA4	0.00620383	0.598063	0.941662	-1.06195	0.65213	1.05261	1.05261	0.796929	0.971285	-1.02956	0.310905	0.888288	-1.12576	0.757414	1.03563	1.03563
cg00395795	DNAJB1	5.94E-05	0.0255489	0.442401	-2.26039	0.174264	0.646387	-1.54706	0.969856	1.01136	1.01136	0.0250621	2.26916	2.26916	8.81E-07	0.00970703	-103.018
cg07813370	DNAJB1	6.08E-05	0.489199	0.912784	-1.09555	2.81E-05	2.91732	2.91732	0.00696097	1.5738	1.5738	7.67E-05	2.53659	2.53659	0.0980438	0.789994	-1.26583
cg12190413	DNAJB1	0.0101769	0.112812	0.569188	-1.75689	0.00518717	0.299799	-3.33557	0.0294681	0.43295	-2.30974	0.130826	0.587034	-1.70348	0.000578735	0.175839	-5.68701
cg07483523	DNAJB1	0.0210557	0.0220262	0.637692	-1.56816	0.426492	0.875457	-1.14226	0.690836	0.936612	-1.06768	0.0761144	0.723758	-1.38168	0.00116268	0.457812	-2.1843
cg19799760	DNAJB1	0.0488763	0.51811	1.28773	1.28773	0.846681	1.07758	1.07758	0.229847	0.614913	-1.62625	0.0145606	0.313023	-3.19465	0.925179	1.03692	1.03692
cg21631150	DNAJB11	0.0202177	0.0335812	0.397485	-2.51582	0.0097742	0.296947	-3.3676	0.0124101	0.314567	-3.17897	0.525175	0.787185	-1.27035	0.0051881	0.253811	-3.93995
cg02960810	DNAJB12;DNAJB12	7.84E-05	0.0864825	1.12777	1.12777	1.54E-05	0.566648	-1.76476	0.00291083	1.29666	1.29666	0.0019924	0.757923	-1.31939	0.0533926	0.869939	-1.14951
cg13511752	DNAJB12;DNAJB12	0.0130661	0.0133267	0.41828	-2.39074	0.0140966	0.422591	-2.36635	0.678145	0.888132	-1.12596	0.0587204	0.544992	-1.83489	0.033925	0.494654	-2.02161
cg14984434	DNAJB12;DNAJB12	0.0136041	0.428368	1.38294	1.38294	0.567899	1.26046	1.26046	0.563216	1.26408	1.26408	0.275011	1.57679	1.57679	0.0554191	2.38832	2.38832
cg06185830	DNAJB12;DNAJB12	0.0162996	0.836222	1.03343	1.03343	0.532062	1.10577	1.10577	0.468914	0.889535	-1.12418	0.542121	0.906623	-1.10299	0.982378	0.996498	-1.00351
cg24272309	DNAJB12;DNAJB12	0.0179605	0.285195	0.74512	-1.34207	0.0277949	0.501958	-1.9922	0.0416565	1.86345	1.86345	0.00188303	0.311007	-3.21536	0.414828	1.24722	1.24722
cg20205477	DNAJB12;DNAJB12	0.0295064	0.0273866	0.344559	-2.90226	0.670773	0.839814	-1.19074	0.47575	1.34457	1.34457	0.108083	0.488811	-2.04578	0.144717	0.527533	-1.89561
cg19074709	DNAJB12;DNAJB12	0.036942	0.175865	2.17648	2.17648	0.61193	1.31844	1.31844	0.253798	0.525207	-1.90401	0.332854	0.582869	-1.71565	0.997953	1.00139	1.00139
cg01452506	DNAJB12;DNAJB12	0.0487842	0.0223068	0.712613	-1.40329	0.619031	1.06398	1.06398	0.308994	0.877863	-1.13913	0.967589	1.00504	1.00504	0.476818	0.914389	-1.09363
cg03761560	DNAJB12;DNAJB12;DNAJB12;DNAJB12	0.00118385	0.623732	1.05721	1.05721	0.00514292	1.51554	1.51554	1.42E-05	2.7658	2.7658	0.967789	0.995467	-1.00455	0.324205	1.12137	1.12137
cg20737388	DNAJB13	0.00152396	0.967464	1.00941	1.00941	0.000519962	3.46647	3.46647	0.344897	1.2504	1.2504	0.146659	0.699191	-1.43023	0.0221329	0.532507	-1.87791
cg25592907	DNAJB13	0.00214022	0.0109152	0.285534	-3.50221	0.0859764	0.475061	-2.10499	0.100329	0.493507	-2.02631	0.0138115	0.303078	-3.29948	0.00121982	0.156208	-6.40174
cg16259171	DNAJB13	0.00865271	0.575579	1.19462	1.19462	0.000770825	0.201748	-4.95667	0.735166	0.898761	-1.11264	0.0762956	0.537937	-1.85895	0.0521108	0.499272	-2.00292
cg15670924	DNAJB13	0.0142927	0.0276617	0.439529	-2.27516	0.237203	0.676379	-1.47846	0.0206374	0.414716	-2.41129	0.0776153	1.85765	1.85765	0.0109953	0.365185	-2.73834
cg03870501	DNAJB13	0.0386023	0.0169693	0.40861	-2.44732	0.0834912	0.554939	-1.802	0.0271372	0.44754	-2.23444	0.861209	0.947628	-1.05527	0.010792	0.37365	-2.6763
cg20071670	DNAJB13;DNAJB13	0.000721551	0.0320213	0.623676	-1.6034	0.0337259	1.59369	1.59369	0.0112626	0.550645	-1.81605	0.024766	0.605125	-1.65255	4.59E-05	0.235201	-4.25168
cg19692710	DNAJB13;DNAJB13	0.000728436	0.259923	0.786257	-1.27185	0.0212796	1.76201	1.76201	0.0637079	0.652757	-1.53196	0.135037	0.719154	-1.39052	2.04E-05	0.171636	-5.82629
cg00585621	DNAJB14	0.00103182	0.00340647	0.438254	-2.28178	0.282696	1.26031	1.26031	0.0164016	1.83663	1.83663	0.0135413	1.88391	1.88391	0.00751863	0.490186	-2.04004
cg11010122	DNAJB14	0.00226448	0.0181146	0.452386	-2.2105	0.000330367	4.96361	4.96361	0.0187123	2.19796	2.19796	0.317967	1.33014	1.33014	0.274593	0.730389	-1.36913
cg00811051	DNAJB14	0.00722661	0.233409	0.709151	-1.41014	0.646823	0.880817	-1.13531	0.461681	0.813725	-1.22892	0.103462	0.612696	-1.63213	0.38346	0.782044	-1.2787
cg21853948	DNAJB14	0.0359848	0.792717	1.0291	1.0291	0.0104535	1.42057	1.42057	0.0146289	1.38739	1.38739	0.0524838	0.786507	-1.27144	0.696962	0.958272	-1.04354
cg09431544	DNAJB1;DNAJB1	0.00647672	0.2511	0.911681	-1.09687	0.0575163	0.847351	-1.18015	0.329319	0.925307	-1.08072	0.0407652	0.833497	-1.19976	0.00056388	0.662218	-1.51008
cg00557069	DNAJB2;DNAJB2	0.000746648	0.0609981	0.841235	-1.18873	0.000134378	1.71875	1.71875	0.287662	1.0946	1.0946	0.249037	0.906063	-1.10368	0.356557	0.925299	-1.08073
cg03922748	DNAJB2;DNAJB2	0.000750953	0.000151487	0.162787	-6.14299	0.873143	0.956365	-1.04563	0.0658999	0.562055	-1.77918	0.794309	0.929643	-1.07568	0.000115195	0.151326	-6.60824
cg05340255	DNAJB4	0.0324283	0.953926	0.994523	-1.00551	0.278479	0.898425	-1.11306	0.0124263	1.34409	1.34409	0.0837889	0.833698	-1.19947	0.992613	0.99912	-1.00088
cg01784199	DNAJB4	0.0328703	0.0142704	1.80168	1.80168	0.316332	1.22361	1.22361	0.00894338	1.91129	1.91129	0.757475	1.0622	1.0622	0.0764436	1.46806	1.46806
cg21968580	DNAJB4;DNAJB4	0.0192544	0.00610063	0.585248	-1.70868	0.0488044	1.40037	1.40037	0.0155634	1.55888	1.55888	0.693309	1.06111	1.06111	0.191895	0.813232	-1.22966
cg07935924	DNAJB5;DNAJB5;DNAJB5	0.00669328	0.340517	1.14388	1.14388	0.000194286	2.35868	2.35868	0.0142217	1.51268	1.51268	0.618344	0.933575	-1.07115	0.201018	1.20299	1.20299
cg12910268	DNAJB6	3.19E-05	0.000188008	0.492857	-2.02899	0.121369	0.828116	-1.20756	0.121497	0.828179	-1.20747	7.71E-05	0.447513	-2.23457	4.81E-06	0.309106	-3.23514
cg08011146	DNAJB6	6.20E-05	0.148783	1.20622	1.20622	0.0209629	0.714395	-1.39979	0.00155831	0.576614	-1.73426	0.946193	0.991861	-1.00821	0.123065	0.816868	-1.22419
cg13515783	DNAJB6	0.000644374	0.735388	0.932608	-1.07226	0.0892821	0.680188	-1.47018	0.269479	1.26684	1.26684	0.269779	1.26664	1.26664	8.72E-05	0.235186	-4.25195
cg15248935	DNAJB6	0.000652662	0.989943	1.00272	1.00272	0.0533322	1.60532	1.60532	0.256039	1.29132	1.29132	0.00257089	2.46303	2.46303	0.00497927	0.448601	-2.22915
cg05077108	DNAJB6	0.000945799	0.00162461	0.587776	-1.70133	0.00650845	1.51606	1.51606	0.000969409	0.561123	-1.78214	0.100964	1.23537	1.23537	0.00310158	0.621178	-1.60984
cg17255085	DNAJB6	0.00147657	0.0799231	0.790633	-1.26481	0.000725682	0.537181	-1.86157	0.243778	0.862911	-1.15887	0.0926452	0.799538	-1.25072	0.00196772	0.589282	-1.69698
cg26668151	DNAJB6	0.00374335	0.229549	0.646065	-1.54783	0.638132	1.17838	1.17838	0.293441	1.45881	1.45881	0.0861654	1.92893	1.92893	0.639807	0.849325	-1.17741
cg07186946	DNAJB6	0.00383628	0.800441	1.01328	1.01328	0.995879	0.999731	-1.00027	0.00566204	0.827729	-1.20812	0.00159045	0.789747	-1.26623	0.105811	0.912093	-1.09638
cg18245230	DNAJB6	0.00493077	0.000904569	0.231807	-4.31393	0.469797	0.805316	-1.24175	0.00534194	0.339431	-2.94611	0.0190576	0.433614	-2.3062	0.000603247	0.210657	-4.74706
cg19428573	DNAJB6	0.00650211	0.44791	0.892746	-1.12014	0.00158102	0.514054	-1.94532	0.003947	0.566227	-1.76608	0.173895	1.2364	1.2364	0.889238	0.979767	-1.02065
cg18362281	DNAJB6	0.00822327	0.821959	0.932125	-1.07282	0.0155125	0.3962	-2.52398	0.226178	0.672786	-1.48636	0.587304	1.18637	1.18637	0.000347673	0.166287	-6.0137
cg25024001	DNAJB6	0.0133785	0.0705967	0.76022	-1.31541	0.00444156	1.67365	1.67365	0.236179	1.18343	1.18343	0.270954	0.855983	-1.16825	0.0779926	0.766662	-1.30436
cg08010530	DNAJB6	0.0167498	0.384797	0.866774	-1.1537	0.260634	0.828401	-1.20714	0.0169296	1.59586	1.59586	0.215843	1.23245	1.23245	0.843659	1.03219	1.03219
cg20603964	DNAJB6	0.0173773	0.029307	1.44541	1.44541	0.89735	1.01869	1.01869	0.0104546	0.629711	-1.58803	0.141535	1.25462	1.25462	0.0158333	1.52823	1.52823
cg05641778	DNAJB6	0.018589	0.1192	0.742474	-1.34685	0.249234	0.808912	-1.23623	0.0146521	0.589077	-1.69757	0.00892784	0.55668	-1.79637	0.110011	0.735835	-1.359
cg09125311	DNAJB6	0.0212915	0.355386	0.85357	-1.17155	0.0361647	0.666482	-1.50042	0.0117474	0.592044	-1.68906	0.963096	0.992324	-1.00774	0.464654	0.883435	-1.13195
cg25134890	DNAJB6	0.0285965	0.00830068	0.506797	-1.97318	0.479881	1.15564	1.15564	0.771958	0.943151	-1.06028	0.482867	1.15447	1.15447	0.158996	0.738458	-1.35417
cg20723414	DNAJB6	0.0304156	0.254606	1.11614	1.11614	0.0384207	1.24804	1.24804	0.237179	1.12119	1.12119	0.197778	1.134	1.134	0.0324535	1.26021	1.26021
cg03836195	DNAJB6	0.0309856	0.0158169	0.210926	-4.741	0.066701	0.338826	-2.95137	0.0476562	3.2945	3.2945	0.0116576	0.190239	-5.25654	0.455976	1.49136	1.49136
cg17186355	DNAJB6	0.0315618	0.670188	1.06425	1.06425	0.132274	0.789692	-1.26632	0.415307	1.12865	1.12865	0.839846	0.971016	-1.02985	0.00265929	0.54658	-1.82956
cg02994253	DNAJB6	0.0317647	0.0509989	0.382723	-2.61286	0.0309773	0.334743	-2.98737	0.148517	0.511911	-1.95346	0.482002	1.36176	1.36176	0.00329836	0.177347	-5.63866
cg24815507	DNAJB6	0.0321026	0.568629	0.807449	-1.23847	0.0207399	2.81109	2.81109	0.4244	1.35368	1.35368	0.864163	0.938418	-1.06562	0.0416865	0.418294	-2.39066
cg19858151	DNAJB6	0.0385138	0.0392758	0.299677	-3.33693	0.0117418	0.203834	-4.90595	0.815549	0.888637	-1.12532	0.596872	1.30956	1.30956	0.00469714	0.1498	-6.67557
cg17950348	DNAJB6	0.0414154	0.0917461	0.668979	-1.49482	0.083962	1.51293	1.51293	0.593548	0.889903	-1.12372	0.027548	0.568767	-1.75819	0.0265448	0.565914	-1.76705
cg05683808	DNAJB6;DNAJB6	0.00182856	0.000231236	0.234746	-4.25992	0.279561	0.766023	-1.30544	0.297014	1.29222	1.29222	0.00731377	0.440432	-2.2705	0.00155089	0.339922	-2.94185
cg23352384	DNAJB6;DNAJB6	0.00207126	0.018049	2.20242	2.20242	0.736692	1.0972	1.0972	0.00571501	2.70776	2.70776	?	?	?	0.00518248	0.362632	-2.75761
cg23170771	DNAJB6;DNAJB6	0.0033654	0.83653	1.09206	1.09206	0.00412849	5.15248	5.15248	0.00105903	7.87546	7.87546	0.966481	1.01807	1.01807	0.425673	0.706986	-1.41445
cg24844815	DNAJB6;DNAJB6	0.0089114	0.450633	1.15811	1.15811	0.0453388	1.55028	1.55028	0.00920341	1.88033	1.88033	0.685973	0.925311	-1.08072	0.199073	0.771716	-1.29581
cg06504624	DNAJB6;DNAJB6	0.0106681	0.612702	1.0896	1.0896	0.245316	0.815233	-1.22664	0.038317	0.667973	-1.49707	0.23247	0.81019	-1.23428	0.000382262	0.385451	-2.59437
cg23768894	DNAJB6;DNAJB6	0.0344388	0.0525871	0.353725	-2.82706	0.0268326	3.44435	3.44435	0.0488559	2.88864	2.88864	0.844208	0.911392	-1.09722	0.089577	0.413697	-2.41723
cg16320838	DNAJB7;XPNPEP3	0.0293307	0.215126	1.39557	1.39557	0.0292323	0.518806	-1.9275	0.00642223	0.404301	-2.4734	0.969312	0.990221	-1.00988	0.377231	1.26042	1.26042
cg03022541	DNAJB8	0.00023397	0.721693	0.916772	-1.09078	0.00467324	0.401026	-2.4936	0.000593055	0.275668	-3.62755	0.355303	0.793724	-1.25988	0.350653	0.791843	-1.26288
cg24012317	DNAJB8	0.00149852	0.600984	0.902824	-1.10764	0.102631	0.707522	-1.41338	1.51E-05	0.176056	-5.68002	0.70993	0.930177	-1.07506	0.0636753	0.667717	-1.49764
cg11598561	DNAJB8	0.00221284	0.140538	0.75778	-1.31964	0.7661	1.05358	1.05358	0.00038648	0.371382	-2.69265	0.807702	1.04358	1.04358	0.000198299	0.33497	-2.98534
cg18751974	DNAJB8	0.00259271	0.799281	1.03972	1.03972	0.000454116	2.32689	2.32689	0.0138717	0.62831	-1.59157	0.800472	0.96203	-1.03947	0.914678	1.01652	1.01652
cg20268341	DNAJB8	0.00397942	0.462935	1.41423	1.41423	0.0294901	0.304488	-3.2842	0.00161408	0.122808	-8.14277	0.870427	0.927071	-1.07867	0.417349	0.680813	-1.46883
cg19720565	DNAJB8	0.00635234	0.567468	0.898534	-1.11292	0.932581	1.01579	1.01579	0.00665208	0.521036	-1.91925	0.53237	0.889515	-1.12421	0.00217648	0.451071	-2.21695
cg13327513	DNAJB8	0.00729638	0.343901	0.926868	-1.0789	0.653666	0.965433	-1.0358	0.731446	1.0272	1.0272	0.696795	0.96996	-1.03097	0.257983	1.0963	1.0963
cg23819669	DNAJB8	0.0353345	0.141522	2.66875	2.66875	0.734335	0.809366	-1.23553	0.00768909	0.119227	-8.38733	0.6048	0.723134	-1.38287	0.987188	1.01002	1.01002
cg10739087	DNAJB8	0.0398337	0.448068	0.873132	-1.1453	0.145768	1.31528	1.31528	0.0406958	0.660587	-1.51381	0.732917	0.941666	-1.06195	0.0231328	0.620944	-1.61045
cg16953612	DNAJB8;DNAJB8	0.0230944	0.398583	1.4847	1.4847	0.00650909	0.198484	-5.03818	0.0132253	0.245536	-4.07272	0.364255	1.53164	1.53164	0.518956	0.74157	-1.34849
cg27630192	DNAJB9	0.00286158	0.701964	0.90048	-1.11052	0.0650408	0.56847	-1.75911	0.633706	0.87732	-1.13983	0.986881	0.995528	-1.00449	0.00836555	0.399076	-2.50579
cg00748492	DNAJC1	0.00114316	0.000847876	0.314013	-3.18458	0.0148631	0.500629	-1.99749	0.00122169	0.335322	-2.98221	0.00144115	0.345184	-2.89701	0.000110507	0.20782	-4.81186
cg06688642	DNAJC1	0.00348091	0.861897	1.01929	1.01929	0.00119539	0.593896	-1.6838	0.00431799	0.657921	-1.51994	0.18582	1.16642	1.16642	0.00185542	0.615844	-1.62379
cg03211481	DNAJC1	0.00451826	0.00195401	1.62361	1.62361	0.20087	1.16126	1.16126	0.01651	1.38284	1.38284	0.00327313	1.5583	1.5583	0.109373	1.21311	1.21311
cg27510901	DNAJC1	0.0163863	0.00140839	0.3803	-2.62951	0.800707	1.05432	1.05432	0.175866	1.35115	1.35115	0.0654382	0.648945	-1.54096	0.182834	1.34392	1.34392
cg07015081	DNAJC1	0.0212853	0.37482	0.690244	-1.44876	0.149117	1.87688	1.87688	0.169937	1.81287	1.81287	0.0107591	0.271408	-3.68448	0.0013708	0.151085	-6.61879
cg26544725	DNAJC1	0.0339486	0.0148593	0.372856	-2.682	0.0903919	0.540969	-1.84853	0.00753603	0.322335	-3.10236	0.160654	0.610527	-1.63793	0.0088333	0.333672	-2.99696
cg23336210	DNAJC1	0.0491607	0.0297678	0.291034	-3.43603	0.0137957	0.230165	-4.34471	0.0864635	0.400932	-2.49419	0.324406	0.611932	-1.63417	0.089926	0.405729	-2.4647
cg13137476	DNAJC10	0.000210751	0.0591459	1.34645	1.34645	0.573886	0.923739	-1.08256	0.0535301	1.35815	1.35815	0.0572666	1.35023	1.35023	0.139866	0.8011	-1.24828
cg24715815	DNAJC10	0.00603099	0.0734058	0.455888	-2.19352	0.00578079	0.241014	-4.14914	0.0282083	0.360722	-2.77222	0.0581273	0.430558	-2.32257	0.000270378	0.0953528	-10.4874
cg01470637	DNAJC10	0.032337	0.12891	1.31858	1.31858	0.413197	1.24812	1.24812	0.8578	1.04866	1.04866	[illegible]	[illegible]	[illegible]	0.0296749	0.352321	-2.83832
cg26808478	DNAJC11	1.78E-05	0.38757	0.822425	-1.21592	0.000153446	0.238708	-4.18922	0.00151516	0.364783	-2.74135	0.000974427	0.338548	-2.95379	1.19E-05	0.129421	-7.7267
cg11511752	DNAJC11	0.000324244	0.00754432	2.20248	2.20248	6.90E-05	5.31512	5.31512	0.0243113	1.85255	1.85255	0.0108915	2.08379	2.08379	0.106071	1.49992	1.49992
cg24361350	DNAJC11	0.00232917	0.0153648	0.710889	-1.40669	0.0107858	1.44397	1.44397	0.00893378	0.682822	-1.46456	0.00294883	0.626092	-1.59721	0.000465131	0.531811	-1.88037
cg22709811	DNAJC11	0.0060034	0.00843827	0.458077	-2.18304	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ch.1.250064R	DNAJC11	0.00823305	0.274807	0.742585	-1.34665	0.000130022	0.175358	-5.70261	0.0286355	0.508502	-1.96656	0.277514	0.743928	-1.3442	0.176571	0.686398	-1.45688
cg23040782	DNAJC11	0.0108212	0.300603	0.722925	-1.38327	0.0056884	2.99545	2.99545	0.570569	1.18933	1.18933	0.825624	0.935435	-1.06902	0.0327431	0.469697	-2.12903

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20811564	0.884362	1.06498	1.06498	7.94E-05	0.0457599	-21.8532	0.00174365	0.145043	-6.8945	0.00171339	0.14423	-6.93337	12.2328	36.2503	2.6341	1
cg08507393	0.135882	1.35406	1.35406	0.368093	1.19049	1.19049	0.000937145	0.394105	-2.5374	0.000511781	0.359434	-2.78215	7.48547	4.21715	0.500781	1
cg11797949	0.0920973	0.657423	-1.52109	0.00155889	2.797	2.797	0.50881	0.859322	-1.16371	0.0119036	2.03407	2.03407	6.75957	5.47792	0.72035	1
cg15094819	0.317187	1.40049	1.40049	0.480682	1.26302	1.26302	0.115203	1.747	1.747	0.0850136	1.8596	1.8596	6.27446	10.5445	1.49382	1
cg14657915	0.481095	1.3779	1.3779	0.373933	0.664623	-1.50461	0.17083	0.520591	-1.92089	0.0386238	0.342243	-2.9219	5.59046	17.7403	2.82073	1
cg01907184	0.0403943	0.611002	-1.63666	0.0523818	1.58076	1.58076	0.00130335	0.36291	-2.7555	0.00385277	0.435315	-2.29718	6.20632	3.98103	0.498904	1
cg23357250	0.113769	0.804524	-1.24297	0.0329403	1.3707	1.3707	0.0142619	1.46532	1.46532	0.35532	1.12771	1.12771	5.17088	1.3086	0.224952	1
cg04349506	0.240084	0.818051	-1.22242	0.0214337	1.57023	1.57023	0.120231	0.759428	-1.31678	0.00319214	0.518231	-1.92964	4.70276	1.98547	0.375282	1
cg05933932	0.0508338	1.62798	1.62798	0.0297211	1.75148	1.75148	0.0764753	0.649424	-1.53983	0.00480709	0.44062	-2.26953	4.56737	3.47087	0.675492	1
cg20211604	0.0447857	0.364786	-2.74133	0.0154094	0.272103	-3.67508	0.256696	0.59554	-1.67915	0.0171213	0.28022	-3.56863	4.12623	12.5255	2.69829	1
cg11499681	0.303356	1.1158	1.1158	0.746653	0.967235	-1.03387	0.180289	1.15747	1.15747	0.0918913	1.21011	1.21011	3.95816	0.662164	0.148703	1
cg14281612	0.93517	1.02039	1.02039	0.38191	1.24922	1.24922	0.579284	1.14909	1.14909	0.024128	0.513103	-1.94893	6.91027	6.7386	0.866806	1
cg14135174	0.488132	0.918268	-1.08901	0.0010887	1.79236	1.79236	0.115139	0.812711	-1.23045	0.746768	0.961537	-1.04	5.27271	1.22384	0.206319	1
cg12626882	0.000120291	0.134064	-7.45912	0.000154507	0.143959	-6.94643	0.012237	0.393323	-2.54244	0.000399606	0.185587	-5.38831	21.0181	29.7551	1.25839	1
cg14557216	0.0472655	0.57468	-1.7401	0.0354333	0.55011	-1.81782	0.154345	0.689307	-1.45073	0.444284	0.8267	-1.20963	4.63699	4.37334	0.838348	1
cg13548543	0.240283	0.707016	-1.41439	0.0266838	0.476869	-2.09701	0.690286	0.8932	-1.11957	0.0276518	0.479877	-2.08387	5.04526	6.35397	1.11946	1
cg25245192	0.0481185	0.750182	-1.33301	0.000157545	0.439283	-2.27644	6.98E-06	0.28194	-3.54685	0.0144555	0.681464	-1.46743	24.1372	6.18995	0.227954	1
cg25207738	0.0317116	0.504005	-1.98411	0.000392589	0.215051	-4.65007	0.000407777	0.21695	-4.60936	0.060967	0.562919	-1.77645	13.1106	13.6644	1.04224	1
cg21584710	0.0313903	0.635958	-1.57243	6.51E-05	0.268519	-3.72413	0.0159681	0.58922	-1.69716	0.88556	0.974511	-1.02616	12.5098	6.36883	0.452539	1
cg00784759	0.919387	1.02093	1.02093	0.106991	0.697644	-1.4334	0.100218	0.691767	-1.44557	0.0152864	0.543692	-1.83928	10.8596	7.20094	0.589416	1
cg26463800	0.0151355	0.456811	-2.18909	6.41E-05	0.145269	-6.88378	0.194119	0.697225	-1.43426	0.0113463	0.435097	-2.29834	10.6585	11.6338	0.970223	1
cg04643858	0.23691	1.53779	1.53779	0.955805	0.980938	-1.01943	0.538497	0.805512	-1.24145	0.761055	0.899496	-1.11173	9.30052	17.765	1.69787	1
cg20502694	0.613101	0.877733	-1.1393	0.472363	1.20557	1.20557	0.00926318	0.429729	-2.32705	0.0807087	0.609321	-1.64117	9.121	9.44968	0.920921	1
cg09601923	0.136735	0.573995	-1.74217	0.000968705	0.182562	-5.47758	0.825865	1.07929	1.07929	0.00395322	0.26123	-3.82804	8.27607	15.7184	1.68823	1
cg11856697	0.774016	0.970392	-1.03051	0.297059	0.893269	-1.11948	0.00345729	0.660696	-1.51356	0.332411	0.900872	-1.11004	8.08687	1.396	0.153445	1
cg00612225	0.912439	1.02747	1.02747	0.0461292	0.569528	-1.75584	0.0507242	0.57786	-1.73052	0.0498205	0.576273	-1.73529	7.53612	7.24387	0.854418	1
cg16358867	0.0108945	0.409327	-2.44303	0.00591146	0.365564	-2.7355	0.00170083	0.285787	-3.49911	0.117299	0.621627	-1.60868	6.75816	8.3589	1.09943	1
cg14973055	0.0702147	0.442891	-2.25789	0.00511814	0.225748	-4.42972	0.00118343	0.147523	-6.77858	0.107698	0.493424	-2.02666	5.86423	15.0387	2.27954	1
cg12381873	0.116715	0.552597	-1.80964	0.0737373	0.499719	-2.00112	0.402641	0.742256	-1.34724	0.109246	0.544577	-1.83629	4.66157	8.94089	1.70489	1
cg17562433	0.0684307	0.287249	-3.4813	0.0102847	0.138426	-7.22405	0.638474	0.748737	-1.33558	0.0457344	0.246464	-4.05739	4.12976	24.4554	5.26378	1
cg04404540	0.656085	0.753085	-1.32787	0.00901166	0.122367	-8.17211	0.298646	1.97701	1.97701	0.112077	0.334654	-2.98816	3.49107	22.1325	5.63532	1
cg14288209	?	?	?	2.80E-14	3.12659	3.12659	5.40E-13	1.2966	1.2966	1.40E-14	5.01652	5.01652	3.64E+13	12.3983	1.14E-13	1
cg09966978	0.767453	0.963322	-1.03807	0.0236998	0.711564	-1.40536	0.357825	0.887665	-1.12655	0.0125214	0.67609	-1.47909	3.7565	0.839779	0.223554	1
cg14268223	0.0602774	0.602874	-1.65872	0.00954346	0.456584	-2.19018	0.12514	0.672721	-1.4865	0.0936875	0.643876	-1.55309	3.64739	3.29473	0.802945	1
cg07817886	0.0721904	0.315253	-3.17206	0.000440851	0.0410552	-24.3574	0.297407	1.86162	1.86162	0.0626312	0.29961	-3.33767	6.45082	33.8112	4.65901	1
cg00438071	0.00394886	0.176117	-5.67806	0.0011385	0.117234	-8.52992	0.626482	1.24568	1.24568	0.0575921	0.382208	-2.61637	6.16285	19.5823	2.82442	1
cg05878098	0.26103	1.40445	1.40445	0.024932	0.461528	-2.16672	0.005076	2.92506	2.92506	0.399729	1.28374	1.28374	5.26755	7.00388	1.18189	1
cg04923532	9.55E-06	0.15152	-6.5998	0.0126791	0.54182	-1.84563	0.530903	0.882006	-1.13378	0.0111985	0.53328	-1.87519	17.0162	10.5443	0.550811	1
cg16533314	0.00359019	0.29973	-3.33634	0.00381183	0.303583	-3.294	0.145818	0.620572	-1.61142	0.000511717	0.190589	-5.2469	11.731	17.3442	1.31422	1
cg07617560	0.0229088	0.700399	-1.42776	0.00209258	0.567552	-1.76195	0.0921283	0.784609	-1.27452	0.0727721	1.29938	1.29938	7.15494	1.93982	0.240993	1
cg02292055	0.976105	1.00416	1.00416	0.0124535	1.53929	1.53929	0.361694	0.878056	-1.13888	0.0694963	1.32526	1.32526	6.15107	1.87411	0.270826	1
cg26527607	0.013388	0.617036	-1.62065	0.475448	1.12119	1.12119	0.121252	0.76734	-1.3032	0.236812	1.21576	1.21576	3.7875	1.4904	0.349781	1
cg17246382	4.72E-07	29.7622	29.7622	0.00796667	2.2589	2.2589	0.198924	1.38429	1.38429	0.164442	0.700931	-1.42667	30.296	27.5357	0.807902	1
cg16358679	1.96E-06	8.08762	8.08762	0.212077	0.791816	-1.26292	0.314822	1.20272	1.20272	0.115894	0.738252	-1.35455	21.035	10.5062	0.443964	1
cg01786994	0.000103758	8.02182	8.02182	0.0222844	2.29519	2.29519	0.0691826	1.85279	1.85279	0.712846	0.893936	-1.11865	9.17358	13.3663	1.29515	1
cg04975272	0.843786	0.955825	-1.04622	0.0270828	0.549223	-1.82075	0.0132836	2.01905	2.01905	0.21349	0.740823	-1.34985	3.74383	3.10961	0.738308	1
cg08594606	0.851849	0.951237	-1.05126	0.0218258	2.08743	2.08743	0.705437	1.10688	1.10688	0.00666056	0.390065	-2.56367	13.6085	15.4103	1.00658	1
cg09214398	0.223688	1.68025	1.68025	0.918886	1.04222	1.04222	0.600703	0.807045	-1.23909	0.164248	0.547463	-1.82661	8.0682	21.0566	2.31985	1
cg25025992	0.341249	0.773601	-1.29266	0.789256	1.07264	1.07264	0.000617523	0.251678	-3.97333	0.0324806	0.519321	-1.92559	7.272	7.89109	0.964563	1
cg13747794	8.39E-05	2.22437	2.22437	0.262894	1.14097	1.14097	0.387773	0.904822	-1.10519	0.258832	1.14237	1.14237	6.86789	1.38857	0.179718	1
cg00395795	0.164658	0.639032	-1.56487	0.0611331	1.90218	1.90218	0.00932376	0.358832	-2.78682	0.647143	0.871125	-1.14794	33.8612	46.9524	1.07848	1
cg07813370	7.27E-06	3.61601	3.61601	0.668103	0.945515	-1.05763	0.0328825	1.38286	1.38286	0.123929	1.24162	1.24162	25.279	6.75496	0.237526	1
cg12190413	0.109803	0.566008	-1.76676	0.0903305	0.543693	-1.83927	0.0125948	0.363145	-2.75372	0.0230482	0.411723	-2.42882	5.87753	9.92328	1.50075	1
cg07483523	0.0432542	0.683268	-1.46355	0.123536	0.760893	-1.31425	0.0090659	0.580853	-1.72161	0.435565	0.877823	-1.13918	4.62284	1.96465	0.377766	1
cg19799760	0.0085939	0.274282	-3.64589	0.0684871	2.19719	2.19719	0.269941	0.64186	-1.55797	0.472089	0.75404	-1.32619	3.41749	8.06321	2.09724	1
cg21631150	0.0295439	0.385856	-2.59164	0.0116849	0.310049	-3.2253	0.518806	0.784206	-1.27517	0.0710392	0.472607	-2.11592	4.68728	10.2536	1.94447	1
cg02960810	0.0287452	1.17797	1.17797	0.000194767	0.671658	-1.48885	0.000718622	0.721177	-1.38662	0.497319	1.04473	1.04473	23.6282	1.50881	0.0567609	1
cg13511752	0.221144	0.69377	-1.4414	0.000925664	0.245072	-4.08043	0.0297212	0.483189	-2.06959	0.0206256	0.452699	-2.20897	5.42115	6.93839	1.13767	1
cg14984434	0.840423	1.0842	1.0842	0.00131011	0.153222	-6.52646	0.0164792	3.23795	3.23795	0.107682	0.494635	-2.02169	5.35003	13.6236	2.26351	1
cg06185830	0.801494	1.04083	1.04083	0.000292679	0.391536	-2.55404	0.0582532	0.711784	-1.40492	0.432198	1.1358	1.1358	5.03977	2.01427	0.355266	1
cg24272309	0.271344	0.738226	-1.3546	0.819399	0.941187	-1.06249	0.159134	0.671105	-1.49008	0.0399239	0.532897	-1.87654	4.87873	5.42785	0.988936	1
cg20205477	0.0478829	0.397134	-2.51804	0.00171418	0.160818	-6.21823	0.0449524	0.390827	-2.55868	0.148028	0.530696	-1.88432	4.11096	10.8526	2.34661	1
cg19074709	0.570287	0.733461	-1.3634	0.00226466	0.0994345	-10.0569	0.092059	2.72394	2.72394	0.0882465	0.361882	-2.76333	3.79203	17.5362	4.11066	1
cg01452506	0.233279	1.16722	1.16722	0.00295998	0.603669	-1.65654	0.889449	0.98294	-1.01736	0.465823	1.09617	1.09617	3.41993	0.829115	0.215499	1
cg03761560	0.23387	1.15075	1.15075	0.567638	0.937072	-1.06715	0.24975	1.14492	1.14492	0.120006	1.20897	1.20897	11.2151	2.24845	0.178208	1
cg20737388	0.00266297	0.385055	-2.59703	0.0229066	1.86861	1.86861	0.00461291	2.37717	2.37717	0.338104	0.797062	-1.25461	10.4319	8.71704	0.74277	1
cg25592907	0.0151274	0.31009	-3.22487	0.000279899	0.0972043	-10.2876	0.000731824	0.133499	-7.49071	0.0196058	0.330808	-3.0229	9.45313	23.0394	2.16642	1
cg16259171	0.409222	1.30389	1.30389	0.0870926	1.81116	1.81116	0.537914	1.21662	1.21662	0.00734594	0.337449	-2.96341	6.18907	9.68833	1.39146	1
cg15670924	0.204495	0.655229	-1.52618	0.00497996	0.309205	-3.2341	0.185507	1.55783	1.55783	0.789513	0.918991	-1.08815	5.26393	8.31162	1.40353	1
cg03870501	0.0249402	0.440322	-2.27107	0.290416	1.40112	1.40112	0.656387	0.871406	-1.14757	0.212931	0.668161	-1.49664	3.73159	5.5845	1.33027	1
cg20071670	0.0011247	0.406087	-2.46253	0.613974	0.90861	-1.10058	0.282685	1.23343	1.23343	0.0172484	0.579701	-1.72503	12.9008	7.21681	0.497252	1
cg19692710	0.00569231	0.476121	-2.10031	0.234974	0.775132	-1.2901	0.0590822	0.646525	-1.54673	0.00469326	0.463486	-2.15756	12.8665	8.53266	0.589484	1
cg00585621	0.251674	0.780201	-1.28172	0.000424798	0.314488	-3.17977	0.0112049	1.93227	1.93227	0.9319	1.01787	1.01787	11.6624	7.93441	0.604747	1
cg11010122	0.0800951	1.71028	1.71028	0.00731091	0.384472	-2.60097	0.0561226	1.81829	1.81829	0.798844	0.931854	-1.07313	9.29831	11.2488	1.07535	1
cg00811051	0.478172	0.820073	-1.2194	0.000179132	0.174566	-5.72849	0.810398	1.06835	1.06835	0.0227469	2.11688	2.11688	6.54966	7.84968	1.06532	1
cg21853948	0.755525	0.966554	-1.0346	0.76654	1.03296	1.03296	0.613707	1.057	1.057	0.0265448	1.33159	1.33159	3.82842	0.719266	0.167	1
cg09431544	0.167765	0.89282	-1.12005	0.00728408	0.765762	-1.30589	0.0243781	1.22981	1.22981	0.0853762	0.863599	-1.15794	6.77691	0.638194	0.0837082	1
cg00557069	0.971715	0.997101	-1.00291	0.000262144	0.611858	-1.63437	0.552506	0.95199	-1.05043	0.0144584	1.27986	1.27986	12.7776	1.3566	0.0943736	1
cg03922748	0.274525	1.37363	1.37363	0.00275394	0.315558	-3.16899	0.00272395	0.314869	-3.17592	0.259285	0.719928	-1.38903	12.757	15.7517	1.09755	1
cg05340255	0.899487	1.01208	1.01208	0.254867	1.11963	1.11963	0.194923	1.13919	1.13919	0.00421274	1.43946	1.43946	3.97491	0.568771	0.127191	1
cg01784199	0.152495	0.741901	-1.34789	0.109023	1.40559	1.40559	0.478126	1.15083	1.15083	0.0137523	1.81003	1.81003	3.95564	2.37737	0.534229	1
cg21968580	0.504371	0.903583	-1.10671	0.180301	0.808216	-1.23729	0.536709	1.09814	1.09814	0.0547639	1.38545	1.38545	4.76557	1.69036	0.315292	1
cg07935924	0.673692	0.943688	-1.05967	0.0828728	0.768888	-1.30058	0.270895	1.16984	1.16984	0.337479	1.14491	1.14491	6.70804	1.98968	0.263655	1
cg12910268	0.0344485	0.75806	-1.31916	0.00116639	0.585473	-1.70802	0.000296978	1.93754	1.93754	0.00196275	0.61175	-1.63466	29.9737	5.98662	0.177537	1
cg08011146	1.91E-06	0.239418	-4.17679	0.000105155	0.436225	-2.2924	0.414605	0.903957	-1.10625	0.000533575	0.520639	-1.92072	25.1497	5.83943	0.206388	1
cg13515783	0.00014062	0.258803	-3.86394	0.00205829	0.409456	-2.44226	0.0316617	0.595625	-1.67891	0.0327102	0.598119	-1.67191	13.316	8.92192	0.59557	1
cg15248935	0.568477	1.13235	1.13235	0.00837147	2.06772	2.06772	0.000153036	4.05473	4.05473	0.00357824	0.427047	-2.34166	13.2685	9.7715	0.654618	1
cg05077108	0.0200915	1.39097	1.39097	0.61275	1.0619	1.0619	0.780153	0.96761	-1.03347	0.0116795	0.69018	-1.4489	11.9538	2.62138	0.194927	1
cg17255085	0.0113271	0.681552	-1.46724	0.00118022	1.77757	1.77757	0.936602	0.990428	-1.00966	0.0283664	0.731351	-1.36733	10.5272	2.43702	0.205776	1
cg26668151	0.00888632	0.315473	-3.16985	0.0275971	2.46606	2.46606	0.000498282	6.60316	6.60316	0.0231881	0.390454	-2.56112	8.01074	15.2326	1.69024	1
cg07186946	0.000733338	0.765467	-1.30639	0.0638842	1.11458	1.11458	0.517725	1.03475	1.03475	0.103601	0.911459	-1.09714	7.95192	0.341642	0.0381897	1
cg18245230	0.607991	0.858698	-1.16455	0.129455	0.617322	-1.6199	0.944205	1.02082	1.02082	0.054937	0.526826	-1.89816	7.36989	10.1196	1.22053	1
cg19428573	0.65011	1.06928	1.06928	0.0234691	1.48737	1.48737	0.0958019	0.764646	-1.30779	0.0259133	0.678487	-1.47387	6.76869	2.30658	0.302909	1
cg18362281	0.886845	1.0454	1.0454	0.371738	0.751255	-1.33111	0.0120297	0.376521	-2.65589	0.017381	0.405253	-2.46759	6.28938	9.6878	1.36919	1
cg25024001	0.653106	0.940463	-1.06331	0.0231311	1.4455	1.4455	0.109362	1.26726	1.26726	0.0453116	0.732316	-1.36553	5.37942	1.56837	0.259155	1
cg08010530	0.168196	1.26572	1.26572	0.117662	0.761355	-1.31345	0.0032275	0.524789	-1.90553	0.0431617	0.68847	-1.4525	4.99417	2.03644	0.362457	1
cg20603964	0.330977	0.865947	-1.15481	0.0213033	1.48752	1.48752	0.811632	0.966322	-1.03485	0.228566	0.834162	-1.19881	4.93309	1.60864	0.28986	1
cg05641778	0.678526	1.07616	1.07616	0.0135308	1.71291	1.71291	0.503749	0.887383	-1.12691	0.0432838	0.664082	-1.50584	4.82254	2.36837	0.436538	1
cg09125311	0.00185331	0.479108	-2.08721	0.0787133	1.38429	1.38429	0.94085	0.987717	-1.01244	0.829188	0.964658	-1.03664	4.60529	2.02294	0.390457	1
cg25134890	0.0187974	0.563646	-1.77416	0.0251957	1.70941	1.70941	0.378647	1.19952	1.19952	0.314683	1.23295	1.23295	4.15676	2.67059	0.571082	1
cg20723414	0.0529538	1.22528	1.22528	0.00136308	1.53627	1.53627	0.0273322	1.27276	1.27276	0.577226	1.0534	1.0534	4.0669	0.549592	0.120122	1
cg03836195	0.223722	0.510229	-1.9599	0.182449	0.474804	-2.10613	0.426102	1.53389	1.53389	0.218257	0.505743	-1.97729	4.0401	17.7311	3.90114	1
cg17186355	0.0833001	0.756788	-1.32137	0.293567	1.17159	1.17159	0.400055	0.882309	-1.13339	0.0146411	0.646041	-1.54789	4.01362	1.34302	0.297436	1
cg02994253	0.192077	0.550657	-1.81601	0.0823816	0.435438	-2.29654	0.0126148	0.261819	-3.81943	0.312353	0.636626	-1.57078	4.00444	11.8409	2.6284	1
cg24815507	0.160909	0.573563	-1.74349	0.0153976	0.331622	-3.01548	0.0484077	0.432958	-2.30969	0.0881573	0.497345	-2.01068	3.9893	8.70573	1.9398	1
cg19858151	0.368157	0.626851	-1.59528	0.872435	0.922018	-1.08458	0.419606	0.659244	-1.51689	0.0258819	0.262766	-3.80566	3.73473	15.1003	3.59397	1
cg17950348	0.911082	0.976102	-1.02448	0.937341	1.01717	1.01717	0.73148	0.928128	-1.07744	0.00823818	0.481072	-2.07869	3.63616	2.69996	0.660029	1
cg05683808	0.00824434	0.448802	-2.22815	0.0387435	0.566934	-1.76388	0.642165	1.11735	1.11735	0.00324567	0.386036	-2.59043	9.89648	8.81181	0.791465	1
cg23352384	0.00188281	0.297801	-3.35795	0.823199	0.94034	-1.06345	0.0155966	0.442592	-2.25942	0.0442173	0.529746	-1.8877	9.76183	10.384	1.06374	1
cg23170771	0.0708028	2.36434	2.36434	0.000449111	10.5811	10.5811	0.0328551	2.89783	2.89783	0.0241352	3.14615	3.14615	8.2702	23.7981	2.55784	1
cg24844815	0.383256	0.843034	-1.18619	0.000826682	0.382237	-2.61618	0.169811	0.756348	-1.32214	0.775669	0.9469	-1.05608	6.13159	3.54162	0.513425	1
cg06504624	0.0608266	0.700997	-1.42654	0.114822	1.33411	1.33411	0.0551866	0.693907	-1.44111	0.5799	0.910293	-1.09855	5.78931	2.59102	0.397824	1
cg23768894	0.792666	1.13227	1.13227	0.211391	0.537461	-1.8606	0.0957413	2.36999	2.36999	0.069132	0.383268	-2.60914	3.8898	13.7003	3.13076	1
cg16320838	0.0318432	1.90139	1.90139	0.281269	1.33117	1.33117	0.448205	1.21828	1.21828	0.222316	1.38766	1.38766	4.11966	4.25737	0.918601	1
cg03022541	0.334308	1.2737	1.2737	8.41E-06	0.0946331	-10.5671	0.000371689	0.250652	-3.9896	0.664343	0.899359	-1.1119	17.6048	16.4582	0.830997	1
cg24012317	0.5709	1.11734	1.11734	0.506175	1.1396	1.1396	0.242096	0.788846	-1.26767	0.734321	0.936138	-1.06822	10.4826	6.2308	0.528353	1
cg11598561	0.693805	0.933118	-1.07168	0.00560088	0.529211	-1.8896	0.0308472	0.641744	-1.55825	0.361521	0.848662	-1.17833	9.36134	4.53787	0.430885	1
cg18751974	0.000869719	2.14602	2.14602	0.914735	1.01651	1.01651	0.273527	0.840149	-1.19027	0.0310895	1.47226	1.47226	8.93568	3.30651	0.32892	1
cg20268341	0.235537	0.56177	-1.78009	0.000166431	0.0510502	-19.5886	0.0239441	0.286607	-3.4891	0.374102	0.654944	-1.52685	7.86471	26.8019	3.02921	1
cg19720565	0.215493	0.785575	-1.27295	0.000811982	0.392624	-2.54696	0.00553603	0.509239	-1.96372	0.875261	0.971337	-1.02951	6.81778	3.70048	0.482462	1
cg13327513	0.12724	1.13708	1.13708	0.000211679	1.61982	1.61982	0.29936	0.919634	-1.08739	0.040638	0.831834	-1.20216	6.53002	0.627472	0.0854137	1
cg23819669	0.613926	0.729163	-1.37144	0.0233057	0.185762	-5.38323	0.061225	0.269907	-3.70498	0.0584647	3.77155	3.77155	3.85383	23.5322	5.42772	1
cg10739087	0.0178498	0.603354	-1.6574	0.0148181	0.590925	-1.69226	0.0792046	0.710384	-1.40769	0.535787	0.89581	-1.11631	3.68879	1.79883	0.433465	1
cg16953612	0.0493542	0.358528	-2.78918	0.0371691	0.330781	-3.02314	0.209607	0.546244	-1.83068	0.0144372	0.251939	-3.96922	4.47853	14.832	2.94383	1
cg27630192	0.528821	0.84033	-1.19001	9.96E-05	0.152191	-6.57069	0.0360308	1.94423	1.94423	0.0260364	0.486679	-2.05474	8.67889	10.2172	1.04644	1
cg00748492	0.177029	0.717945	-1.39286	0.0840517	0.643108	-1.55495	0.295287	0.7783	-1.28485	0.00625264	0.439177	-2.27699	11.3275	9.56743	0.750776	1
cg06688642	0.141907	0.840895	-1.18921	0.238493	1.14509	1.14509	0.63848	1.0533	1.0533	0.0680175	1.25141	1.25141	8.1872	1.56144	0.169527	1
cg03211481	0.00720711	1.46786	1.46786	0.000606903	1.79472	1.79472	0.0771058	1.24299	1.24299	0.0144615	1.39585	1.39585	7.56842	1.46802	0.172415	1
cg27510901	0.00965005	0.504125	-1.98363	0.24538	0.775632	-1.28927	0.454812	0.852829	-1.17257	0.960815	1.01033	1.01033	5.03087	3.48408	0.615591	1
cg07015081	0.741304	0.873869	-1.14434	0.663251	0.836688	-1.19519	0.95352	1.02401	1.02401	0.662675	0.836412	-1.19558	4.60574	12.0815	2.33168	1
cg26544725	0.58877	1.19688	1.19688	0.204438	0.643436	-1.55416	0.544517	1.22379	1.22379	0.307943	0.706464	-1.4155	3.90997	6.71369	1.52628	1
cg23336210	0.0461907	0.332078	-3.01134	0.0207984	0.261088	-3.83013	0.0154426	0.238329	-4.19589	0.533371	0.73753	-1.35588	3.40998	12.5782	3.2788	1
cg13137476	0.479204	0.904451	-1.10564	3.67E-06	0.22028	-4.53967	0.942326	0.98995	-1.01015	0.0590646	1.34661	1.34661	18.112	5.59113	0.274397	1
cg24715815	0.0521895	0.419365	-2.38456	0.0241408	0.347137	-2.88071	0.28963	0.648888	-1.5411	0.00653374	0.248957	-4.01676	6.92813	16.9897	2.1798	1
cg01470637	0.0632465	0.574951	-1.73928	0.139981	1.52305	1.52305	0.20851	0.703787	-1.42088	0.914193	0.971848	-1.02897	3.97892	4.42338	0.988181	1
cg26808478	7.68E-05	0.205674	-4.86207	1.30E-06	0.0464885	-15.5075	0.000145136	0.235959	-4.23802	0.000691883	0.318825	-3.13652	34.9105	26.943	0.686021	1
cg11511752	0.227732	1.33752	1.33752	0.00234611	2.65184	2.65184	1.96E-05	7.2993	7.2993	0.00247572	2.6283	2.6283	16.1036	13.4548	0.742678	1
cg24361350	0.307171	0.885803	-1.12892	0.073721	0.795585	-1.25694	0.961209	1.00559	1.00559	0.0315468	0.748846	-1.33539	9.22185	1.92175	0.185237	1
cg22709811	0.421332	0.794437	-1.25875	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
ch.1.250064R	0.199166	0.700925	-1.42669	0.428232	0.809084	-1.23597	0.0174027	0.468398	-2.13494	0.758661	0.92245	-1.08407	6.28703	6.83174	0.965902	1
cg23040782	0.863246	0.949189	-1.05353	0.00143391	0.247984	-4.03253	0.097883	0.577376	-1.73197	0.264304	0.703319	-1.42183	5.76285	8.35092	1.28808	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21681377	DNAJC11	0.0140517	0.100179	0.566203	-1.76615	0.256596	0.688024	-1.45344	0.0456653	0.485008	-2.06182	0.076167	0.536274	-1.86472	0.00377016	0.290974	-3.43673
cg03753670	DNAJC11	0.0200088	0.0471083	0.546716	-1.8291	0.0225185	2.06723	2.06723	0.989083	1.00364	1.00364	0.295335	1.33431	1.33431	0.0793355	0.595932	-1.67804
cg19248893	DNAJC11	0.037246	0.618343	0.852831	-1.17257	0.00791103	0.339719	-2.94361	0.0940477	0.557928	-1.79235	0.328251	1.37692	1.37692	0.00792839	0.339875	-2.94225
cg18537410	DNAJC11	0.0402371	0.0499482	0.320527	-3.11987	0.149461	0.455405	-2.19585	0.0236042	0.252694	-3.95736	0.0535879	0.327731	-3.05128	0.012522	0.205811	-4.85882
cg16201598	DNAJC12;DNAJC12	0.014538	0.956629	1.00554	1.00554	0.00178004	0.636292	-1.57161	0.00545428	0.689681	-1.44995	0.532041	0.937694	-1.06645	0.346605	0.906189	-1.10352
cg12315959	DNAJC12;DNAJC12	0.0232054	0.413633	0.874128	-1.144	0.00515695	0.551817	-1.8122	0.0117017	0.602273	-1.66038	0.725248	0.944784	-1.05844	0.647759	0.928631	-1.07685
cg27237834	DNAJC13	0.000204015	0.549561	1.08172	1.08172	4.14E-05	0.362919	-2.75544	0.000108682	0.412816	-2.42239	0.670978	0.94607	-1.057	0.677667	1.05573	1.05573
cg22954292	DNAJC13	0.00067366	0.398401	1.17924	1.17924	0.875473	1.03036	1.03036	0.0458796	1.54711	1.54711	7.68E-05	0.255112	-3.91985	0.00389176	0.476514	-2.09857
cg01102232	DNAJC13	0.00391763	0.814821	0.941798	-1.0618	0.0616324	0.58389	-1.71265	0.283675	1.32934	1.32934	0.0188447	2.06917	2.06917	0.000190983	0.20056	-4.98605
cg03396594	DNAJC13	0.00506732	0.513935	1.39687	1.39687	0.832999	0.89887	-1.11251	0.00785831	0.178677	-5.5967	0.0116275	0.20339	-4.91666	0.00392357	0.140865	-7.09901
cg16303686	DNAJC13	0.0057857	?	?	?	0.00598928	0.314641	-3.17822	0.0760609	1.67652	1.67652	?	?	?	0.00748532	2.96286	2.96286
cg19855489	DNAJC13	0.0167009	0.0487094	0.579838	-1.72462	0.257416	0.751172	-1.33125	0.812949	1.05906	1.05906	0.0320819	0.544515	-1.8365	0.0135492	0.477269	-2.09525
cg11186461	DNAJC13	0.01908	0.0359573	0.840232	-1.19015	0.00382079	1.32082	1.32082	0.159879	1.11309	1.11309	0.020815	0.819965	-1.21956	0.134523	1.12201	1.12201
cg09837559	DNAJC13	0.0407616	0.565576	1.11877	1.11877	0.393556	0.844615	-1.18397	0.421845	0.853383	-1.17181	0.700362	1.07758	1.07758	0.0784029	1.45905	1.45905
cg13011713	DNAJC13	0.0480577	0.583651	0.876881	-1.14041	0.655323	0.898839	-1.11255	0.314123	0.781051	-1.28033	0.869974	0.961858	-1.03965	0.00142197	0.334281	-2.99149
cg05711928	DNAJC13	0.0483372	?	?	?	?	?	?	0.1843	0.438435	-2.28084	?	?	?	?	?	?
cg18352988	DNAJC13;DNAJC13	0.00641184	0.0661537	1.18592	1.18592	0.0609911	1.19089	1.19089	0.0507795	1.20216	1.20216	0.0666145	1.18549	1.18549	0.101746	1.15975	1.15975
cg06557577	DNAJC14	0.000118493	1.49E-05	0.240696	-4.15462	4.02E-05	0.288391	-3.46751	0.177887	0.796948	-1.25479	0.88538	1.02313	1.02313	0.0728471	0.728173	-1.3733
cg11380624	DNAJC14	0.0062536	0.00235183	0.363472	-2.75125	0.32937	1.27129	1.27129	0.912287	1.02662	1.02662	0.0946728	0.64533	-1.5496	0.0100392	0.460766	-2.1703
cg02816297	DNAJC14	0.00947025	0.297136	0.923357	-1.083	0.0670754	0.859494	-1.16347	0.722872	1.02662	1.02662	0.0175936	1.2375	1.2375	0.467221	1.05609	1.05609
cg24120411	DNAJC14	0.0142638	0.222632	1.11045	1.11045	0.106146	0.865667	-1.15518	0.0212535	1.25402	1.25402	0.819949	0.981536	-1.01881	0.00240552	1.41288	1.41288
cg24639100	DNAJC14	0.0202624	0.00221068	0.17544	-5.69994	0.725815	0.866865	-1.15358	0.775561	0.890483	-1.12299	0.807678	0.905779	-1.10402	0.0120706	0.280821	-3.56099
cg18467083	DNAJC14	0.0449002	0.136922	0.618513	-1.61678	0.103939	1.70427	1.70427	0.334254	1.348	1.348	0.0416487	2.02231	2.02231	0.01609	0.413449	-2.41868
cg22318792	DNAJC15	0.00375171	0.0679834	1.42965	1.42965	0.435553	1.14925	1.14925	0.0929174	0.72379	-1.38162	0.0201772	0.612673	-1.63219	0.100179	0.729815	-1.37021
cg08475721	DNAJC15	0.0119955	0.219528	0.754665	-1.32509	0.00956301	0.489002	-2.04498	0.0024666	0.399387	-2.50384	0.0241617	0.556502	-1.79694	0.0023067	0.395193	-2.53041
cg26053469	DNAJC15	0.033399	0.60655	1.17255	1.17255	0.0181712	0.415267	-2.40809	0.107039	0.583275	-1.71446	0.162495	1.57919	1.57919	0.503693	1.23113	1.23113
cg13860548	DNAJC16	5.55E-06	0.785339	0.972826	-1.02793	0.118794	0.842943	-1.18632	0.010077	0.7206	-1.38773	0.840578	0.979881	-1.02053	0.00788997	0.708998	-1.41044
cg17855783	DNAJC16	0.000333903	7.10E-05	0.570478	-1.75292	0.0949111	1.15282	1.15282	0.114413	1.14231	1.14231	0.00678134	0.761943	-1.31243	0.0120041	1.27482	1.27482
ch.1.541122F	DNAJC16	0.00418776	0.00931449	0.354576	-2.82027	0.000236935	0.147442	-6.78234	0.00334041	0.284956	-3.50931	?	?	?	0.825945	0.933116	-1.07168
cg18271071	DNAJC16	0.00529533	0.0688977	0.75629	-1.32224	0.00194626	1.82451	1.82451	0.19249	0.827563	-1.20837	0.778995	1.03936	1.03936	0.0816388	0.767364	-1.30316
cg09123484	DNAJC16	0.0392409	0.00581448	0.537528	-1.86037	0.62542	0.918922	-1.08823	0.687431	0.93285	-1.07198	0.0947321	0.729345	-1.37109	0.00486701	0.526475	-1.89943
cg13045913	DNAJC17;ZFYVE19	0.0291231	0.0410142	0.284214	-3.51847	0.964927	0.976815	-1.02374	0.828774	0.890876	-1.12249	0.0144481	0.200275	-4.99315	0.0128832	0.192558	-5.19323
cg23977883	DNAJC18	0.000143704	0.729345	0.950302	-1.0523	0.517192	0.908124	-1.10117	0.102598	1.29971	1.29971	0.661493	1.0668	1.0668	1.72E-06	0.172661	-5.79169
cg00611674	DNAJC18	0.00337621	0.271473	0.762236	-1.31193	0.0672275	1.62649	1.62649	0.210233	0.731153	-1.3677	0.0747766	0.624571	-1.6011	0.710223	0.915291	-1.09255
cg13720278	DNAJC19	5.53E-07	2.80E-07	0.274309	-3.64552	1.01E-06	0.334428	-2.99018	0.000578074	0.634731	-1.57547	3.51E-06	0.394377	-2.53564	2.16E-07	0.26254	-3.80894
cg05997021	DNAJC19	0.00336645	0.323063	0.779226	-1.28333	0.000738413	3.50003	3.50003	0.000414126	3.93279	3.93279	0.854164	0.956028	-1.04599	0.0162951	2.05008	2.05008
cg04380561	DNAJC19	0.00540757	0.0792612	0.719958	-1.38897	0.00291254	1.99353	1.99353	0.773335	0.952467	-1.04991	0.378835	0.858765	-1.16446	0.210845	0.800649	-1.24899
cg09830059	DNAJC19	0.0115243	0.0801815	1.4741	1.4741	0.0426496	0.62716	-1.59449	0.116085	0.710762	-1.40694	0.256585	0.789208	-1.26709	0.293066	1.24365	1.24365
cg01457183	DNAJC19	0.0138503	0.148472	1.25571	1.25571	0.228332	0.830472	-1.20413	0.265256	0.843183	-1.18598	0.220567	1.2083	1.2083	0.88847	0.979596	-1.02083
cg22546151	DNAJC21;DNAJC21	0.0169942	0.92894	1.04391	1.04391	0.00131141	9.52246	9.52246	0.02655	3.54935	3.54935	0.627833	1.26538	1.26538	0.345494	0.62618	-1.59698
cg01783706	DNAJC22	3.90E-06	0.629706	1.07466	1.07466	1.16E-07	12.3425	12.3425	0.000568258	2.20612	2.20612	2.70E-05	3.41366	3.41366	0.0839077	1.32773	1.32773
cg09865760	DNAJC22	0.000252815	0.462521	0.880414	-1.13583	5.49E-06	5.75212	5.75212	0.00202514	2.09874	2.09874	0.0550797	1.4483	1.4483	0.344512	1.18036	1.18036
cg14753074	DNAJC22	0.00213862	0.654983	1.22923	1.22923	0.000739078	10.505	10.505	0.00530134	5.39919	5.39919	0.0168876	3.80927	3.80927	0.46116	0.70874	-1.41095
cg22785468	DNAJC22	0.00429624	0.108126	0.863176	-1.15851	0.00420995	1.37949	1.37949	0.000274369	1.64911	1.64911	0.767145	1.02524	1.02524	0.0837425	1.17427	1.17427
cg11303127	DNAJC22	0.0153781	0.949883	0.941951	-1.06163	0.00185032	67.0076	67.0076	0.0883586	5.98268	5.98268	0.0856485	6.09496	6.09496	0.691004	0.683778	-1.46246
cg17420360	DNAJC22	0.0160302	0.701581	1.29413	1.29413	0.00139781	22.1981	22.1981	0.0999523	3.34409	3.34409	0.0520178	4.39439	4.39439	0.796767	0.841282	-1.18866
cg05639747	DNAJC22	0.016148	0.902262	0.920525	-1.08634	0.00228199	17.7363	17.7363	0.0357473	5.19178	5.19178	0.069712	3.92463	3.92463	0.273463	0.46385	-2.15587
cg25147139	DNAJC22	0.0262556	0.705811	0.784147	-1.27527	0.00309942	13.3937	13.3937	0.0360824	4.77329	4.77329	0.255969	2.13897	2.13897	0.593111	0.707639	-1.41315
cg16573136	DNAJC22	0.0413246	0.290717	0.435767	-2.29481	0.0105276	11.4543	11.4543	0.0837248	4.26315	4.26315	0.18366	2.91137	2.91137	0.583175	0.657151	-1.52172
cg14950855	DNAJC22	0.0460121	0.543835	0.491873	-2.03305	0.00889783	46.7142	46.7142	0.136669	6.37017	6.37017	0.083427	9.14244	9.14244	0.455137	0.4154	-2.40732
cg21518937	DNAJC22;DNAJC22	0.0432307	0.136579	0.528103	-1.89357	0.0107915	3.57836	3.57836	0.0169008	3.19021	3.19021	0.668533	0.842427	-1.18705	0.085976	0.469853	-2.12832
cg23214018	DNAJC24	9.30E-06	0.00020451	0.559087	-1.78863	0.00956875	0.735991	-1.35871	1.18E-05	0.420669	-2.37717	0.0343415	1.25939	1.25939	7.35E-06	0.397246	-2.51733
cg19738233	DNAJC24	0.00278108	0.934357	1.01695	1.01695	0.00283874	0.432399	-2.31268	0.000319856	0.304687	-3.28205	0.561164	1.12737	1.12737	0.168166	1.34939	1.34939
cg07731639	DNAJC24	0.020816	0.158737	0.55155	-1.81307	0.239478	1.62669	1.62669	0.00816893	0.262617	-3.80783	0.653731	0.836647	-1.19525	0.00267243	0.19395	-5.15596
cg05098125	DNAJC24	0.0300902	0.969847	0.981701	-1.01864	0.00228803	0.124492	-8.03266	0.0623235	0.358733	-2.78759	0.670393	1.23267	1.23267	0.0131883	0.222824	-4.48785
cg13981223	DNAJC24;DCDC1	0.000160994	0.512619	1.18696	1.18696	0.355213	1.27823	1.27823	0.962003	1.01237	1.01237	0.0699591	0.592746	-1.68706	0.0910743	1.61672	1.61672
cg02802775	DNAJC24;DNAJC24;DCDC1	0.00226768	0.861931	1.03559	1.03559	0.549915	1.12921	1.12921	0.068261	0.66358	-1.50698	0.0107365	0.525192	-1.90407	0.000176659	0.27882	-3.58655
cg03093995	DNAJC25-GNG10;DNAJC25	0.011083	0.597543	1.07308	1.07308	0.00505754	1.63354	1.63354	0.000863982	1.93883	1.93883	0.465558	1.10331	1.10331	0.220378	1.186	1.186
cg22174355	DNAJC25;DNAJC25-GNG10	0.00202499	0.238063	0.792074	-1.26251	0.557084	1.11852	1.11852	0.625626	1.09718	1.09718	0.275977	0.807554	-1.23831	5.03E-05	0.238319	-4.19606
cg13744150	DNAJC25;DNAJC25-GNG10	0.00577388	0.10046	0.776637	-1.2876	0.82193	0.968829	-1.03217	0.28016	1.17082	1.17082	0.0432478	0.721349	-1.38629	0.00482975	0.591467	-1.69071
cg20888402	DNAJC27	1.09E-05	0.361913	0.851783	-1.17401	0.688347	0.933307	-1.07146	0.417802	0.86785	-1.15227	0.0470559	1.47558	1.47558	8.44E-08	0.0486004	-20.576
cg02492873	DNAJC27	1.43E-05	0.139543	1.26792	1.26792	0.000694626	2.16544	2.16544	0.774274	1.04386	1.04386	0.109836	1.29721	1.29721	0.718913	1.05544	1.05544
cg04553793	DNAJC27	0.00334114	0.193677	1.62893	1.62893	0.00293766	4.25976	4.25976	0.978139	1.00977	1.00977	0.0708742	2.0462	2.0462	0.842303	1.07323	1.07323
cg06707979	DNAJC27	0.0111635	0.0171216	0.737444	-1.35604	0.197048	0.866806	-1.15366	0.0462028	0.787101	-1.27049	0.000519742	0.567066	-1.76346	0.810537	0.975142	-1.02549
cg26570218	DNAJC27	0.0183634	0.00539781	0.306652	-3.26102	0.884994	0.954364	-1.04782	0.849482	1.06324	1.06324	0.00751199	0.329423	-3.03561	0.124522	0.584647	-1.71044
cg20731999	DNAJC27	0.0323414	0.00593768	0.439664	-2.27447	0.0126938	0.492915	-2.02875	0.0262583	0.547683	-1.82587	0.651236	1.10953	1.10953	0.464104	0.84351	-1.18552
cg10187365	DNAJC28;DNAJC28	0.0020358	0.827651	0.936658	-1.06763	0.807743	1.07591	1.07591	0.566561	1.1899	1.1899	0.32749	1.3544	1.3544	0.00140961	0.249733	-4.00427
cg01573121	DNAJC28;DNAJC28	0.00929488	0.0041657	0.129056	-7.74857	0.00364813	0.122863	-8.13912	0.108141	0.392737	-2.54624	0.223625	0.505743	-1.97729	0.549675	0.724154	-1.38092
cg00696166	DNAJC28;DNAJC28;DNAJC28	0.00178119	0.628871	0.954963	-1.04716	0.627092	1.04742	1.04742	0.000742926	0.615961	-1.62348	0.290249	0.901354	-1.10944	0.576748	1.0548	1.0548
cg19797049	DNAJC2;DNAJC2	0.000196488	0.000129336	0.123656	-8.08693	0.125433	1.684	1.684	0.00718025	0.335994	-2.97624	0.00562726	0.31915	-3.13332	0.000228724	0.146038	-6.84755
cg12620893	DNAJC2;DNAJC2	0.000842577	0.0943138	0.6982	-1.43226	1.24E-05	0.165571	-6.03969	0.00243133	0.438527	-2.28036	0.0891664	0.693405	-1.44216	0.0305217	0.608643	-1.643
cg11033709	DNAJC2;DNAJC2	0.000984476	0.000697462	0.136821	-7.30884	0.92362	0.96379	-1.03757	0.0223148	0.348843	-2.86662	0.0220415	0.347803	-2.87519	0.00458507	0.234231	-4.26928
cg09035307	DNAJC2;DNAJC2	0.00302723	0.000526339	0.114682	-8.71979	0.211022	0.589605	-1.69605	0.110383	0.497835	-2.0087	0.024653	0.342103	-2.92309	0.00213407	0.17732	-5.63952
cg17624052	DNAJC2;DNAJC2;DNAJC2;DNAJC2	0.0136955	0.203956	0.816561	-1.22465	0.0422561	0.702134	-1.42423	0.489504	1.11195	1.11195	0.0515093	1.398	1.398	0.0708721	1.35669	1.35669
cg03145199	DNAJC2;DNAJC2;PMPCB	0.0290637	0.0269176	2.13038	2.13038	0.688561	1.12331	1.12331	0.387291	0.774337	-1.29143	0.683416	0.888402	-1.12562	0.0882348	1.72098	1.72098
cg14876325	DNAJC3	0.000500739	0.000162655	0.259902	-3.8476	0.0580597	1.5661	1.5661	0.00996996	1.97669	1.97669	0.00183174	0.395729	-2.52698	?	?	?
cg08599294	DNAJC3	0.000837276	0.280497	0.815143	-1.22678	0.000238137	0.329942	-3.03084	0.00245406	0.464068	-2.15486	0.955513	1.01022	1.01022	5.08E-05	0.250738	-3.98823
cg11174089	DNAJC3	0.0021195	0.681327	1.07712	1.07712	0.32336	1.20144	1.20144	0.00563668	0.52013	-1.9226	0.666252	0.924899	-1.0812	0.00112867	0.422212	-2.36848
cg15959270	DNAJC3	0.00543191	0.00727104	0.21435	-4.66528	0.00386424	0.177038	-5.64851	0.0406682	0.349478	-2.86141	0.0456955	0.360916	-2.77073	0.00668264	0.209046	-4.78364
cg23101910	DNAJC3	0.00812044	0.18665	1.48257	1.48257	0.00146118	0.274523	-3.64268	0.00239321	0.304113	-3.28825	0.2742	1.3772	1.3772	0.0811413	1.72275	1.72275
cg17586984	DNAJC3	0.0136748	0.703398	0.967391	-1.03371	0.00281446	1.42855	1.42855	0.156464	0.876894	-1.14039	0.0713095	0.839817	-1.19074	0.0127329	1.3077	1.3077
cg23262420	DNAJC3	0.0312499	0.0446921	0.458171	-2.18259	0.00372051	0.265261	-3.76988	0.0847259	0.524313	-1.90726	0.414381	0.753852	-1.32652	0.699087	0.87674	-1.14059
cg23405870	DNAJC3	0.0371645	0.546835	0.94095	-1.06276	0.859879	1.01779	1.01779	0.600881	0.948673	-1.0541	0.0412713	0.790567	-1.26492	0.723458	0.965157	-1.0361
cg12001558	DNAJC30;DNAJC30;WBSCR22	0.0227002	0.602591	0.849998	-1.17647	0.000677808	0.200447	-4.98886	0.684556	1.13469	1.13469	0.103502	0.576442	-1.73478	0.0414896	0.483199	-2.06954
cg10095016	DNAJC30;WBSCR22	0.000378504	0.00130249	0.638158	-1.56701	0.299625	0.902027	-1.10861	0.110616	0.846402	-1.18147	0.000155339	0.53721	-1.86147	0.49227	0.935289	-1.06919
cg01185530	DNAJC3;DNAJC3	0.016988	0.988144	0.998078	-1.00193	0.180193	0.831737	-1.2023	0.681679	0.94801	-1.05484	0.0706686	1.29887	1.29887	0.985981	0.997728	-1.00228
cg11424682	DNAJC4	2.89E-05	0.501883	0.884052	-1.13116	0.0024703	2.36651	2.36651	0.00125581	2.67546	2.67546	?	?	?	?	?	?
cg05774787	DNAJC4	0.00531818	0.319326	1.23607	1.23607	0.310391	1.2413	1.2413	0.916915	1.02172	1.02172	0.846146	1.04082	1.04082	0.00483232	0.463112	-2.15931
cg07977178	DNAJC4	0.0351658	0.293787	0.829315	-1.20581	0.751312	1.05616	1.05616	0.0272814	0.638309	-1.56664	0.276395	0.823182	-1.2148	0.958238	1.00904	1.00904
cg03845863	DNAJC4	0.0480056	0.185111	0.83911	-1.19174	0.908185	0.985703	-1.0145	0.673543	0.948486	-1.05431	0.653723	0.945198	-1.05798	0.561015	1.07613	1.07613
cg02596023	DNAJC5	8.92E-05	1.73E-05	0.199706	-5.00737	7.81E-06	0.166469	-6.00712	0.930769	1.01602	1.01602	0.700985	1.07313	1.07313	0.00317744	0.478505	-2.08984
cg12483984	DNAJC5	0.00812424	0.468555	0.853479	-1.17167	0.964037	1.00973	1.00973	0.330428	1.24079	1.24079	0.0126994	0.51409	-1.94519	0.00095223	0.347175	-2.88039
cg06461588	DNAJC5	0.0135638	0.625017	1.15467	1.15467	0.727739	0.902993	-1.10743	0.25082	0.70446	-1.41953	0.983123	1.00619	1.00619	0.0174572	0.429645	-2.3275
cg00637477	DNAJC5	0.0228175	0.27986	0.66239	-1.50968	0.00141643	5.43913	5.43913	0.585262	0.817053	-1.22391	0.0106202	3.24803	3.24803	0.27157	0.657274	-1.52144
cg04502517	DNAJC5	0.0263163	0.00461592	0.507196	-1.97162	0.114375	0.733974	-1.36245	0.338756	0.837284	-1.19434	0.127041	0.742884	-1.3461	0.00245228	0.468151	-2.13606
cg17859545	DNAJC5	0.0299786	0.362559	0.752701	-1.32855	0.208793	1.49514	1.49514	0.00914105	2.7322	2.7322	0.112662	1.68915	1.68915	0.99161	0.996813	-1.0032
cg00388871	DNAJC5	0.0323941	0.0710808	0.396394	-2.52274	0.121626	2.16007	2.16007	0.259715	1.71528	1.71528	0.92543	1.0439	1.0439	0.0067483	0.199533	-5.0117
cg04942564	DNAJC5	0.0405903	0.00705065	0.514808	-1.94247	0.571519	1.11517	1.11517	0.191029	0.768021	-1.30205	0.0611682	0.668832	-1.49514	0.0104498	0.540895	-1.84879
cg02339015	DNAJC5	0.0424785	0.421698	1.15104	1.15104	0.753241	0.947385	-1.05554	0.00519223	0.531408	-1.88179	0.323673	0.83971	-1.19089	0.0234497	1.59035	1.59035
cg17373345	DNAJC5B	0.000198098	0.0102317	0.436744	-2.28967	0.230876	0.72497	-1.37937	0.000403475	0.237051	-4.2185	0.540889	1.17164	1.17164	0.00152344	0.31099	-3.21554
cg13760253	DNAJC5B	0.00124261	0.00379161	0.464247	-2.15402	0.0157578	0.559149	-1.78843	0.00478261	0.479108	-2.08721	6.17E-05	0.234194	-4.26996	0.00151701	0.407621	-2.45326
cg14928319	DNAJC5B	0.00215929	0.801738	0.935186	-1.06931	0.0169443	0.460387	-2.17208	0.00166671	0.301885	-3.31252	0.0317556	0.511483	-1.9551	0.000228576	0.195801	-5.10723
cg21649629	DNAJC5B	0.0170355	0.106312	0.374301	-2.67165	0.0390219	0.264173	-3.7854	0.034141	0.252215	-3.96487	0.789024	1.16118	1.16118	0.0250043	0.226298	-4.41896
cg13439299	DNAJC5G	0.000151331	0.0333429	1.51459	1.51459	0.00131203	2.18314	2.18314	0.000451866	0.397316	-2.51689	0.00431606	1.89069	1.89069	0.407254	1.15202	1.15202
cg13830506	DNAJC5G	0.000261259	0.768125	0.939879	-1.06397	0.968888	1.00821	1.00821	1.66E-05	0.156162	-6.4036	0.713188	1.0805	1.0805	0.608925	0.897433	-1.11429
cg07197831	DNAJC5G	0.000651286	0.723566	0.891055	-1.12227	0.00197941	4.13461	4.13461	0.0504516	0.484733	-2.06299	0.200105	0.644277	-1.55213	0.960177	1.01635	1.01635
cg06287137	DNAJC5G	0.00314087	0.0724236	0.48566	-2.05905	0.902119	1.04533	1.04533	0.00407694	0.249351	-4.01041	0.839165	0.929398	-1.07597	0.00147822	0.191552	-5.2205
cg04325909	DNAJC5G	0.00775828	0.558428	1.29316	1.29316	0.12925	0.490597	-2.03833	0.186193	0.543973	-1.83833	0.104286	0.462331	-2.16295	0.00039039	0.0857837	-11.6572
cg02461767	DNAJC5G	0.00777334	0.0918854	0.429187	-2.32999	0.803546	1.12032	1.12032	0.00853656	0.216588	-4.61706	0.0822975	0.415873	-2.40458	0.0164296	0.262751	-3.80589
cg04505439	DNAJC5G	0.0436759	0.481415	1.19356	1.19356	0.0587225	1.69543	1.69543	0.6308	0.88716	-1.12719	0.0992473	1.56333	1.56333	0.0589213	1.69455	1.69455
cg16964535	DNAJC5G;DNAJC5G	0.0100686	0.421273	0.794057	-1.25936	0.00182854	0.28853	-3.46584	0.00361187	0.330982	-3.02131	0.828141	1.06292	1.06292	0.935182	0.977428	-1.02309
cg07027116	DNAJC6	0.00459546	0.0486692	0.638969	-1.56502	0.189198	0.758317	-1.31871	0.0133232	1.84024	1.84024	0.957249	0.989394	-1.01072	0.293642	1.24194	1.24194
cg01827202	DNAJC6	0.00557893	0.0222608	1.51296	1.51296	0.703916	0.943928	-1.0594	0.156505	0.79528	-1.25742	0.165421	1.25056	1.25056	0.000285733	0.408498	-2.44799
cg18117228	DNAJC6	0.0181128	0.0753539	0.603556	-1.65685	0.00712709	2.42625	2.42625	0.115823	1.54636	1.54636	0.955444	0.985852	-1.01435	0.443029	0.819176	-1.22074
cg13125072	DNAJC7;DNAJC7;DNAJC7	0.00176171	0.904024	0.971417	-1.02942	0.000384641	0.256119	-3.90444	0.00461292	0.404025	-2.47509	0.761791	1.07583	1.07583	0.105019	1.5309	1.5309
cg01575614	DNAJC7;DNAJC7;DNAJC7;DNAJC7;NKIRAS2	0.0178899	0.601309	0.955214	-1.04689	0.043258	0.817041	-1.22393	0.0137834	1.3029	1.3029	0.206312	1.12283	1.12283	0.00662247	1.35842	1.35842
cg02997086	DNAJC7;DNAJC7;DNAJC7;NKIRAS2	0.000836951	0.569057	0.923899	-1.08237	0.000412763	2.16186	2.16186	0.520653	0.914345	-1.09368	0.00141797	1.88731	1.88731	0.0341682	0.711819	-1.40485
cg20099018	DNAJC7;DNAJC7;DNAJC7;NKIRAS2	0.00185562	0.521412	1.19829	1.19829	0.0269595	0.482321	-2.07331	0.000399149	0.208406	-4.79833	0.853787	1.05269	1.05269	0.000810414	0.245096	-4.08003
cg07202281	DNAJC7;DNAJC7;DNAJC7;NKIRAS2	0.00778847	0.0309167	0.547033	-1.82804	0.711861	0.915469	-1.09234	0.385797	1.23573	1.23573	0.561932	1.14981	1.14981	0.319739	0.782881	-1.27733
cg09822291	DNAJC8	0.000376097	4.01E-05	0.186007	-5.37614	0.00163281	0.380093	-2.63093	0.00343991	0.426643	-2.34388	0.0040608	0.437359	-2.28645	0.00027457	0.278746	-3.5875
cg01877196	DNAJC8	0.0112415	0.879098	0.977174	-1.02336	0.133802	0.782471	-1.278	0.00663576	1.70655	1.70655	0.996272	0.999292	-1.00071	0.780571	1.04327	1.04327
cg22862846	DNAJC8	0.0263426	0.969706	0.992904	-1.00715	0.0448534	0.649371	-1.53995	0.0508383	0.65891	-1.51766	0.754649	1.06055	1.06055	0.0402198	0.641175	-1.55964
cg03262242	DNAJC8	0.0347117	0.396625	0.862781	-1.15904	0.00659998	0.548979	-1.82156	0.00513139	0.533335	-1.87499	0.312144	0.837124	-1.19457	0.145166	0.76643	-1.30475
cg21577315	DNAJC8	0.0428318	0.0096411	0.322017	-3.10543	0.36378	1.38102	1.38102	0.453624	1.30219	1.30219	0.00488858	0.275224	-3.6334	?	?	?
cg12076479	DNAJC8	0.0449049	0.895761	0.962695	-1.03875	0.0315081	2.07825	2.07825	0.0552955	1.87783	1.87783	0.693864	1.12158	1.12158	0.260967	0.711748	-1.40499
cg24588745	DNAJC8;DNAJC8	0.0119003	0.190734	0.701355	-1.42581	0.17213	1.45081	1.45081	0.0930297	1.605	1.605	0.945552	0.982665	-1.01764	0.00870905	0.424907	-2.35346
cg05313302	DNAJC9	0.000464774	0.895806	0.973147	-1.02759	0.0144535	1.91064	1.91064	0.148307	1.38489	1.38489	0.00993549	0.495376	-2.01867	1.77E-05	0.127062	-7.87017
cg04745336	DNAJC9	0.000577109	0.00253741	0.342123	-2.92292	0.068829	0.593724	-1.68429	0.0134555	0.456862	-2.18884	0.00318141	0.356532	-2.8048	0.000131371	0.18286	-5.46866
cg07982481	DNAJC9	0.0229782	0.141098	0.853789	-1.17125	0.0151479	0.742306	-1.34715	0.648601	0.955215	-1.04688	0.999524	1.00006	1.00006	0.0250017	0.766189	-1.30516
cg23915679	DNAL1	0.000448877	0.755982	1.04676	1.04676	0.000136161	0.379844	-2.63266	0.000611731	0.461225	-2.16814	0.0480654	0.718002	-1.39275	0.000119004	0.372723	-2.68296
cg18369397	DNAL1	0.00124216	0.511715	0.942342	-1.06119	0.314193	1.09733	1.09733	0.836262	0.981702	-1.01864	0.423562	0.929661	-1.07566	0.206421	1.12628	1.12628
cg05379784	DNAL1	0.0101215	0.0497902	1.31828	1.31828	0.000855152	0.538716	-1.85627	0.328006	1.13279	1.13279	0.982612	1.00269	1.00269	0.168382	1.19873	1.19873
cg08156120	DNAL1	0.0128372	0.219355	1.52961	1.52961	0.0138634	2.71974	2.71974	0.00869458	3.00506	3.00506	0.00204865	4.17712	4.17712	0.0239522	2.42631	2.42631
cg25002125	DNAL1	0.0170425	0.565885	0.812701	-1.23046	0.0988755	0.523814	-1.90908	0.0114862	0.323048	-3.09551	0.936451	1.02891	1.02891	0.145701	0.572232	-1.74754
cg14431393	DNAL1;DNAL1	0.0331015	0.0252316	0.544565	-1.83633	0.0187581	1.91638	1.91638	0.524313	1.15878	1.15878	0.0519113	1.65723	1.65723	0.93664	1.01832	1.01832
cg09454509	DNAL4	5.02E-05	3.11E-06	5.2368	5.2368	0.000117994	0.365177	-2.7384	0.0753821	0.743863	-1.34433	0.181993	0.809174	-1.23583	0.00135774	0.498976	-2.00411
cg17515744	DNAL4	0.000824516	0.0255975	0.68608	-1.45756	0.596039	0.926812	-1.07897	0.190184	1.21787	1.21787	0.00149851	0.521956	-1.91587	0.00240966	1.82297	1.82297
cg19543968	DNAL4	0.00324579	0.00961875	0.444092	-2.25179	0.000297946	0.232707	-4.29724	0.00595071	0.410364	-2.43686	0.521969	0.851522	-1.17437	0.01888	0.494455	-2.02243
cg07837516	DNAL4	0.0115123	0.513926	1.18598	1.18598	0.000847587	0.274568	-3.64208	0.766732	0.926207	-1.07967	0.725615	1.09505	1.09505	0.651064	1.12448	1.12448
cg22128488	DNALI1	0.00607591	0.0364751	0.3703	-2.70051	0.00522044	0.214708	-4.65749	0.0185311	0.308754	-3.23882	0.181894	0.565148	-1.76945	0.00139398	0.140129	-7.13627
cg12696750	DNALI1	0.00832527	0.00796448	0.719376	-1.39009	0.901393	1.01207	1.01207	0.238357	1.12702	1.12702	0.238137	1.12709	1.12709	0.978085	0.997344	-1.00266

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21681377	0.00222597	0.258489	-3.86864	0.00296049	0.27576	-3.62634	0.300994	0.71289	-1.40274	0.288255	0.70599	-1.41645	5.29347	8.36042	1.4039	1
cg03753670	0.441124	0.81159	-1.23215	0.00383317	0.354913	-2.81759	0.0738522	0.588888	-1.69812	0.135206	0.651838	-1.53412	4.70386	5.26181	0.994324	1
cg19248893	0.195521	0.647971	-1.54328	0.202096	1.5325	1.5325	0.975244	0.990213	-1.00988	0.13756	0.602373	-1.6601	3.78072	6.01551	1.41432	1
cg18537410	0.201885	0.503688	-1.98535	0.00657949	0.165968	-6.02526	0.671403	0.804799	-1.24255	0.0464009	0.313152	-3.19334	3.67513	15.0751	3.64616	1
cg16201598	0.0663981	1.23275	1.23275	0.163615	1.16311	1.16311	0.870404	1.01673	1.01673	0.522067	1.06817	1.06817	5.2345	0.856384	0.145426	1
cg12315959	0.968474	0.993659	-1.00638	0.0222476	1.55438	1.55438	0.495075	0.894477	-1.11797	0.0374193	0.677902	-1.47514	4.47113	1.83479	0.364767	1
cg27237834	0.00155678	1.80409	1.80409	0.0079888	1.55439	1.55439	0.359634	0.884974	-1.12998	0.257981	0.858008	-1.16549	18.2724	4.87121	0.236967	1
cg22954292	0.107918	0.715695	-1.39724	0.000359945	0.335786	-2.97809	0.615219	1.10147	1.10147	0.228568	1.27249	1.27249	13.1514	7.574	0.511917	1
cg01102232	0.200893	0.708034	-1.41236	0.174111	1.44707	1.44707	0.0990376	1.58759	1.58759	0.68762	0.901848	-1.10883	7.90187	8.17529	0.919646	1
cg03396594	0.108698	0.41336	-2.4192	0.000486583	0.0632512	-15.81	0.956472	1.02794	1.02794	0.0220753	0.25005	-3.9992	7.30868	29.5128	3.58937	1
cg16303686	?	?	?	0.0284402	0.482565	-2.07226	0.00402152	0.275083	-3.63526	0.120747	0.652493	-1.53258	20.3486	9.98921	0.327269	1
cg19855489	0.00172176	0.338641	-2.95298	0.00915734	0.448766	-2.22833	0.691146	1.1015	1.1015	0.229588	0.736988	-1.35687	4.99905	4.64001	0.825047	1
cg11186461	0.912735	1.00785	1.00785	0.370116	0.936444	-1.06787	0.30551	1.07864	1.07864	0.296871	1.08022	1.08022	4.78027	0.385375	0.0716604	1
cg09837559	0.208434	1.29207	1.29207	0.50013	1.1414	1.1414	0.167929	1.32839	1.32839	0.00247103	0.443421	-2.25519	3.65761	2.16293	0.525646	1
cg13011713	0.0698156	0.617987	-1.61816	0.330971	0.788114	-1.26885	0.807826	1.05955	1.05955	0.0331425	0.553646	-1.80621	3.43941	3.06946	0.79328	1
cg05711928	?	?	?	?	?	?	0.0364026	4.91546	4.91546	?	?	?	7.09681	6.51747	1.83673	1
cg18352988	0.0161671	1.27562	1.27562	0.00157035	0.686789	-1.45605	0.352777	1.08232	1.08232	0.0135508	1.28759	1.28759	6.79811	0.736939	0.0963587	1
cg06557577	0.0121399	1.64147	1.64147	0.246504	1.21181	1.21181	0.989885	1.00201	1.00201	0.000811509	0.449029	-2.22703	21.1567	8.42086	0.353799	1
cg11380624	0.00536734	0.417181	-2.39704	0.00414529	0.399929	-2.50044	0.0602142	0.603255	-1.65767	0.00809196	0.445461	-2.24487	6.85093	6.16928	0.800447	1
cg02816297	0.0579868	1.17127	1.17127	0.00572893	0.765513	-1.30631	0.00857343	0.780858	-1.28064	0.127743	1.12917	1.12917	6.0142	0.51837	0.0766142	1
cg24120411	0.433254	1.06755	1.06755	0.0139538	0.780181	-1.28175	0.490919	0.944408	-1.05886	0.688309	1.03351	1.03351	5.26744	0.557497	0.0940786	1
cg24639100	0.256948	0.618721	-1.61624	0.0463892	0.396207	-2.52393	0.65394	1.20094	1.20094	0.00629907	0.236021	-4.23691	4.68376	12.2141	2.318	1
cg18467083	0.203165	0.668437	-1.49603	0.752676	0.909562	-1.09943	0.198672	1.50276	1.50276	0.150772	1.58687	1.58687	3.52846	5.02485	1.26586	1
cg22318792	0.0104476	0.569108	-1.75714	0.0318036	1.55273	1.55273	0.160145	1.30005	1.30005	0.000753592	0.409226	-2.44364	8.00537	3.87673	0.430458	1
cg08475721	0.0717279	0.645098	-1.55015	0.166363	0.724892	-1.37952	0.035745	0.586996	-1.70359	0.0191505	0.539006	-1.85527	5.57418	4.1961	0.669133	1
cg26053469	0.105204	0.581322	-1.72022	0.00744492	2.87509	2.87509	0.457363	1.26101	1.26101	0.747249	1.10416	1.10416	3.93302	5.84863	1.32183	1
cg13860548	0.685637	0.959767	-1.04192	4.30E-08	0.143347	-6.97608	0.732069	0.965914	-1.03529	0.0831817	1.21356	1.21356	47.2366	7.61802	0.143354	1
cg17855783	0.0768774	0.858604	-1.16468	0.0576734	1.18095	1.18095	0.681576	1.03248	1.03248	0.000378382	1.55289	1.55289	15.9744	1.51908	0.0845281	1
ch.1.541122F	0.291961	0.709151	-1.41014	0.0139275	0.384878	-2.59823	0.192158	0.647954	-1.54332	0.176642	0.636691	-1.57062	7.91297	11.006	1.39088	1
cg18271071	0.455645	0.900991	-1.10989	0.000999408	0.511446	-1.95524	0.421705	0.893491	-1.11921	0.0385107	0.719694	-1.38948	7.21093	2.15016	0.26505	1
cg09123484	0.409117	0.864947	-1.15614	0.288917	1.20827	1.20827	0.0856399	0.721443	-1.38611	0.435401	0.872177	-1.14656	3.70919	1.73504	0.415795	1
cg13045913	0.935056	1.04444	1.04444	0.0168301	0.21096	-4.74023	0.00866438	0.167769	-5.96057	0.129289	0.417104	-2.39748	4.13004	18.6169	4.00683	1
cg23977883	0.563752	1.08943	1.08943	0.0365454	1.42847	1.42847	0.598179	1.08118	1.08118	0.0786935	0.750815	-1.33189	20.0876	6.85249	0.303226	1
cg00611674	0.0676788	0.615428	-1.62489	5.80E-05	0.170753	-5.85642	0.11707	0.667807	-1.49744	0.17045	0.707364	-1.4137	8.26228	7.36001	0.791818	1
cg13720278	7.00E-07	0.316949	-3.15508	0.000677381	0.641769	-1.55819	0.412625	0.930989	-1.07413	8.53E-06	0.437414	-2.28617	85.275	9.84253	0.102597	1
cg05997021	0.821339	0.946221	-1.05684	0.26539	0.753024	-1.32798	0.493419	0.843678	-1.18529	0.494114	1.18495	1.18495	8.26943	7.82272	0.840872	1
cg04380561	0.818355	1.03956	1.03956	0.01262	0.59275	-1.68705	0.317935	0.840224	-1.19016	0.000819171	0.42721	-2.34077	7.16472	3.22713	0.400373	1
cg09830059	0.0729994	1.49147	1.49147	0.00107464	0.380742	-2.62645	0.272566	1.25646	1.25646	0.353224	0.826165	-1.21041	5.64701	3.5743	0.562626	1
cg01457183	0.845299	0.971708	-1.02912	0.000303863	0.42216	-2.36877	0.713248	0.947216	-1.05573	0.495884	1.10692	1.10692	5.31864	1.81819	0.303869	1
cg22546151	0.765873	0.865991	-1.15475	0.125193	2.22473	2.22473	0.00651414	5.49327	5.49327	0.870099	0.924174	-1.08205	4.97005	18.2728	3.26808	1
cg01783706	2.42E-06	5.45271	5.45271	0.326099	1.16215	1.16215	0.00609037	1.70014	1.70014	0.148455	1.25824	1.25824	51.7402	17.9996	0.309231	1
cg09865760	0.00305574	1.99548	1.99548	0.126602	0.754714	-1.325	0.5735	0.907682	-1.10171	0.773345	0.952013	-1.05041	17.2373	7.91736	0.408281	1
cg14753074	0.00397544	5.9119	5.9119	0.00318361	6.34911	6.34911	0.000928829	9.66645	9.66645	0.983716	1.00941	1.00941	9.4552	31.5321	2.96435	1
cg22785468	0.00783355	1.3317	1.3317	0.422125	1.07125	1.07125	0.273903	1.10028	1.10028	0.551732	0.950715	-1.05184	7.68487	0.857518	0.0991869	1
cg11303127	0.100458	5.54014	5.54014	0.734498	1.38247	1.38247	0.00144915	79.6973	79.6973	0.289266	2.84783	2.84783	5.13818	73.661	12.7431	1
cg17420360	0.120992	3.08342	3.08342	0.456329	1.66205	1.66205	0.00177991	19.6662	19.6662	0.435506	1.70369	1.70369	5.06781	35.9957	6.3136	1
cg05639747	0.0440646	4.75615	4.75615	0.08947	3.53278	3.53278	0.00501434	12.2133	12.2133	0.598083	1.43129	1.43129	5.05548	36.3784	6.3963	1
cg25147139	0.205207	2.35611	2.35611	0.858285	0.891724	-1.12142	0.004384	11.4681	11.4681	0.828461	1.14928	1.14928	4.2834	27.8898	5.78768	1
cg16573136	0.157396	3.14374	3.14374	0.830285	0.849924	-1.17658	0.00525056	16.2625	16.2625	0.656449	1.40378	1.40378	3.63911	33.0782	8.07968	1
cg14950855	0.134879	6.43288	6.43288	0.934071	0.908876	-1.10026	0.00695347	56.4113	56.4113	0.501478	2.19867	2.19867	3.49624	73.8463	18.7748	1
cg21518937	0.645633	1.20241	1.20241	0.454279	1.35451	1.35451	0.403572	1.40531	1.40531	0.298068	0.650892	-1.53635	3.57872	8.98238	2.23106	1
cg23214018	0.003497	1.44796	1.44796	4.72E-06	0.375609	-2.66234	0.738746	1.03177	1.03177	0.000536604	0.604591	-1.65401	41.3442	5.71568	0.122885	1
cg19738233	0.315596	1.23579	1.23579	0.240278	1.28512	1.28512	0.771565	0.942334	-1.0612	0.00334052	0.442684	-2.25895	8.7525	5.77048	0.58604	1
cg07731639	0.210686	0.593954	-1.68363	0.0600072	0.432544	-2.3119	0.658667	1.19196	1.19196	0.0266806	0.354413	-2.82157	4.64095	11.4678	2.19644	1
cg05098125	0.926935	0.956175	-1.04583	0.662616	0.806941	-1.23925	0.146425	2.14185	2.14185	0.6152	0.780641	-1.281	4.08248	15.4358	3.36087	1
cg13981223	0.71657	1.09868	1.09868	1.87E-06	0.0470653	-21.2471	0.623168	0.880003	-1.13636	0.112266	1.56252	1.56252	19.4817	20.5554	0.937882	1
cg02802775	0.0340674	1.64359	1.64359	0.00400969	0.45992	-2.17429	0.0244747	0.583681	-1.71326	0.184568	0.753744	-1.32671	9.29447	5.9401	0.568089	1
cg03093995	0.769742	0.961886	-1.03962	0.0426038	0.734134	-1.36215	0.253097	1.1712	1.1712	0.135637	1.23729	1.23729	5.71865	1.58749	0.246754	1
cg22174355	0.00376469	0.478285	-2.0908	0.0894064	1.42368	1.42368	0.994337	0.998662	-1.00134	0.768345	0.945814	-1.05729	9.60707	5.41299	0.500834	1
cg13744150	0.754451	1.04506	1.04506	0.000461585	0.461056	-2.16893	0.00597965	0.603644	-1.65661	0.100432	0.776618	-1.28764	7.02184	2.19463	0.277817	1
cg20888402	0.967368	0.993022	-1.00703	0.352193	0.848838	-1.17808	0.587654	1.09825	1.09825	0.863761	0.971029	-1.02984	39.6701	18.4108	0.412531	1
cg02492873	0.0235784	0.667886	-1.49726	3.84E-07	0.114001	-8.77188	0.876726	1.02345	1.02345	0.000165281	0.383489	-2.60763	36.9584	13.0465	0.313783	1
cg04553793	0.685505	0.865508	-1.15539	0.00049958	0.144879	-6.90232	0.224183	1.57303	1.57303	0.0150477	0.34641	-2.88675	8.28808	16.5217	1.77194	1
cg06707979	0.557498	0.939718	-1.06415	0.109503	1.20068	1.20068	0.939399	1.008	1.008	0.385257	1.09779	1.09779	5.70532	0.992629	0.154652	1
cg26570218	0.0861404	0.542278	-1.84407	0.261458	1.45929	1.45929	0.467532	1.26945	1.26945	0.0417711	2.13269	2.13269	4.84244	7.98854	1.46639	1
cg20731999	0.314939	0.788731	-1.26786	0.939832	0.982907	-1.01739	0.290726	1.28456	1.28456	0.0378097	0.576884	-1.73345	3.97873	3.28696	0.73434	1
cg10187365	0.00337298	0.302208	-3.30898	0.000121092	0.133295	-7.50214	0.111211	0.594085	-1.68326	0.648489	0.871323	-1.14768	9.59217	13.6834	1.26802	1
cg01573121	0.902517	1.06752	1.06752	0.00105133	0.0754293	-13.2574	0.466924	0.67387	-1.48396	0.0172174	0.212779	-4.69971	6.05009	27.2415	4.00237	1
cg00696166	0.145873	0.862659	-1.15921	0.00047451	0.594928	-1.68088	0.0775937	1.20395	1.20395	0.000863315	0.622967	-1.60522	9.97212	1.41407	0.126046	1
cg19797049	0.000747068	0.2003	-4.9925	0.000213509	0.143209	-6.98282	0.000264179	0.152075	-6.5757	0.00219873	0.259461	-3.85414	18.4596	28.8725	1.3903	1
cg12620893	0.25249	0.791778	-1.26298	0.00570421	0.492593	-2.03007	0.189428	0.762224	-1.31195	0.615991	0.905949	-1.10381	12.3504	7.46264	0.537105	1
cg11033709	0.0281037	0.368805	-2.71146	0.000137082	0.079121	-12.6389	0.00056978	0.128426	-7.78658	0.00345352	0.217164	-4.60482	11.8188	27.6873	2.08235	1
cg09035307	0.109105	0.496364	-2.01465	0.000963777	0.139402	-7.17347	0.00192252	0.171967	-5.81506	0.101706	0.487599	-2.05086	8.53522	21.725	2.26253	1
cg17624052	0.637578	1.07436	1.07436	0.00128436	0.491933	-2.0328	0.157367	0.795684	-1.25678	0.639952	1.07381	1.07381	5.33829	1.93166	0.321644	1
cg03145199	0.00341203	0.317148	-3.15311	0.0723825	0.560657	-1.78362	0.972747	0.990189	-1.00991	0.430694	0.792847	-1.26128	4.13302	5.45204	1.17257	1
cg14876325	0.0537527	0.632158	-1.58188	0.000640724	0.333743	-2.99632	0.20242	0.754416	-1.32553	0.743278	1.07124	1.07124	14.6331	9.03313	0.61731	1
cg08599294	0.84105	0.964075	-1.03726	0.902988	0.978028	-1.02247	0.0156143	0.582661	-1.71626	0.0548808	0.67254	-1.4869	12.3724	6.50507	0.467355	1
cg11174089	0.00212283	0.45977	-2.175	0.000886123	0.408124	-2.45023	0.140819	1.32978	1.32978	0.0397778	0.652013	-1.53371	9.48003	4.86032	0.455725	1
cg15959270	0.0846563	0.428123	-2.33578	0.000894813	0.109446	-9.13696	0.518405	1.33809	1.33809	0.01265	0.25187	-3.97031	7.15486	22.4235	2.7858	1
cg23101910	0.832419	0.942136	-1.06142	0.126375	0.628035	-1.59227	0.383795	1.28557	1.28557	0.508072	0.827892	-1.20789	6.31437	7.91308	1.11394	1
cg17586984	0.589288	0.953862	-1.04837	0.872837	0.986214	-1.01398	0.61687	1.04468	1.04468	0.0143061	1.29924	1.29924	5.34094	0.635338	0.105739	1
cg23262420	0.928728	1.03076	1.03076	0.0458365	2.17102	2.17102	0.0739514	0.509426	-1.96299	0.145302	0.588836	-1.69827	4.02788	7.31619	1.61457	1
cg23405870	0.900372	1.01258	1.01258	0.00890969	1.39402	1.39402	0.00700722	0.706048	-1.41633	0.813031	0.976626	-1.02393	3.78374	0.597146	0.140284	1
cg12001558	0.839919	0.939345	-1.06457	0.0268238	0.444225	-2.25111	0.637034	0.863256	-1.15841	0.983233	1.00652	1.00652	4.50517	6.82946	1.34748	1
cg10095016	0.000262672	0.562502	-1.77777	0.000263104	0.562581	-1.77752	0.348453	0.911565	-1.09701	0.0130126	1.3439	1.3439	15.4333	2.24899	0.129532	1
cg01185530	0.38512	0.891125	-1.12218	0.102456	0.79347	-1.26029	0.000706626	1.95065	1.95065	0.203677	1.18968	1.18968	4.97065	1.31931	0.235928	1
cg11424682	3.22E-06	17.0773	17.0773	?	?	?	?	?	?	?	?	?	75.709	16.4182	0.325289	1
cg05774787	0.000410229	3.1757	3.1757	0.0288145	0.588072	-1.70047	0.512989	0.872291	-1.14641	0.782694	0.944652	-1.05859	7.20143	4.83717	0.597063	1
cg07977178	0.241564	1.23451	1.23451	0.289729	0.827907	-1.20787	0.00533667	1.87907	1.87907	0.0761152	1.40381	1.40381	3.86052	1.80593	0.415818	1
cg03845863	0.00440978	1.60704	1.60704	0.891391	0.983092	-1.0172	0.402214	1.11294	1.11294	0.0109266	1.48991	1.48991	3.44082	0.848981	0.219323	1
cg02596023	0.0761943	1.43465	1.43465	0.0149171	0.578305	-1.72919	0.766618	1.05596	1.05596	0.947027	0.987919	-1.01223	22.8246	12.097	0.471108	1
cg12483984	0.678858	0.914442	-1.09356	0.0170662	0.535417	-1.8677	0.295028	0.791914	-1.26276	0.00250511	0.405747	-2.46459	6.31344	4.61481	0.649733	1
cg06461588	0.000714205	0.222149	-4.50149	0.133236	0.62319	-1.60465	0.475719	1.23583	1.23583	0.00994811	0.386548	-2.587	5.35524	7.22977	1.20003	1
cg00637477	0.248424	1.55641	1.55641	0.751083	1.12377	1.12377	0.315837	1.46266	1.46266	0.281509	1.50739	1.50739	4.49718	9.57537	1.89261	1
cg04502517	0.0185705	0.598064	-1.67206	0.22436	0.794638	-1.25843	0.974279	1.00582	1.00582	0.237925	0.800396	-1.24938	4.27994	2.19867	0.456636	1
cg17859545	0.481345	0.804711	-1.24268	0.0381129	0.48206	-2.07443	0.013758	2.52074	2.52074	0.273515	1.4133	1.4133	4.08787	5.96632	1.29735	1
cg00388871	0.219064	0.552563	-1.80975	0.47603	0.71706	-1.39458	0.0366375	3.04772	3.04772	0.15506	0.497408	-2.01042	3.97641	13.2641	2.96507	1
cg04942564	0.0306974	0.616353	-1.62245	0.879202	0.971422	-1.02942	0.697773	1.07723	1.07723	0.197672	0.771365	-1.2964	3.6633	2.10866	0.51166	1
cg02339015	0.359189	0.850799	-1.17537	0.104255	1.35579	1.35579	0.687114	1.07186	1.07186	0.501938	1.12389	1.12389	3.60215	1.67573	0.413514	1
cg17373345	0.291863	0.755883	-1.32296	3.74E-05	0.131682	-7.59403	0.00398499	2.69269	2.69269	0.000470337	0.245035	-4.08105	18.4188	19.103	0.921909	1
cg13760253	0.862854	0.966599	-1.03456	0.826846	0.957869	-1.04398	0.0412267	0.629586	-1.58834	0.0108857	0.533588	-1.8741	11.061	6.76297	0.543488	1
cg14928319	0.00714846	0.396482	-2.52218	0.00102972	0.273819	-3.65205	0.0366918	0.523889	-1.9088	0.0376931	0.526231	-1.90031	9.42866	10.5924	0.998598	1
cg21649629	0.189893	0.461338	-2.16761	0.00140348	0.0759574	-13.1653	0.039289	0.264798	-3.77646	0.0106442	0.167059	-5.9859	4.96602	24.4181	4.37071	1
cg13439299	0.195214	0.795565	-1.25697	0.000379659	0.387638	-2.57972	0.000161899	0.341333	-2.92969	0.11557	1.33051	1.33051	19.8097	8.74287	0.392305	1
cg13830506	0.00673901	0.478674	-2.0891	0.269516	1.27271	1.27271	4.73E-05	0.200231	-4.99424	0.697711	0.921403	-1.0853	17.0835	11.9001	0.619185	1
cg07197831	0.0339673	0.447529	-2.23449	9.56E-05	0.104781	-9.54368	0.000361072	0.155993	-6.41053	0.922691	0.968964	-1.03203	13.2763	22.1834	1.48525	1
cg06287137	0.0409905	0.427536	-2.33899	0.000792853	0.161001	-6.21112	0.00139794	0.188667	-5.30035	0.971463	0.987194	-1.01297	8.4422	17.3559	1.82742	1
cg04325909	0.259375	0.599797	-1.66723	0.0220236	0.303254	-3.29756	0.00200371	0.150388	-6.64947	0.45188	0.716794	-1.3951	6.40563	19.1468	2.65694	1
cg02461767	0.077232	0.408408	-2.44853	0.00502749	0.184236	-5.42782	0.000535112	0.0857647	-11.6598	0.683112	0.829369	-1.20574	6.40173	21.0669	2.92517	1
cg04505439	0.186962	1.41319	1.41319	0.0310032	0.534667	-1.87032	0.109366	1.53977	1.53977	0.0202498	1.99809	1.99809	3.56508	3.45184	0.860654	1
cg16964535	0.0293278	2.05546	2.05546	0.155319	1.53236	1.53236	0.212182	0.691526	-1.44608	0.620548	1.15036	1.15036	5.89771	7.35894	1.10912	1
cg07027116	0.037071	1.61856	1.61856	0.000349424	0.318739	-3.13736	0.199501	0.763669	-1.30947	0.865332	0.966801	-1.03434	7.52959	4.71805	0.556979	1
cg01827202	0.953325	0.991193	-1.00889	0.0522096	1.39617	1.39617	0.194505	1.2305	1.2305	0.937822	1.01186	1.01186	7.09643	2.56709	0.32155	1
cg18117228	0.853068	1.04842	1.04842	0.00296562	0.353448	-2.82927	0.49514	1.19321	1.19321	0.563817	1.16045	1.16045	4.8649	5.01099	0.915583	1
cg13125072	0.010481	0.460946	-2.16945	0.000549081	0.275201	-3.63371	0.8955	1.0321	1.0321	0.0326267	0.548198	-1.82416	10.0039	9.15706	0.81364	1
cg01575614	0.610868	0.956381	-1.04561	0.883833	0.987374	-1.01279	0.0801704	0.844756	-1.18377	0.0462815	1.21947	1.21947	4.88519	0.584409	0.106337	1
cg02997086	0.477865	0.905522	-1.10434	0.000498072	0.472723	-2.1154	0.0832254	0.768164	-1.3018	0.325798	0.869762	-1.14974	12.3737	3.70678	0.266283	1
cg20099018	0.00160087	0.283629	-3.52573	0.0211054	0.462109	-2.16399	0.597868	0.862293	-1.1597	0.19698	1.46179	1.46179	9.85436	12.0916	1.09069	1
cg07202281	0.0483307	0.584441	-1.71104	0.000417385	0.263878	-3.78963	0.0271165	1.86406	1.86406	0.396942	0.813428	-1.22936	6.39782	5.7425	0.797841	1
cg09822291	0.0301389	0.578893	-1.72744	0.0300488	0.578661	-1.72813	0.000409281	0.300206	-3.33104	0.00175202	0.384388	-2.60154	15.4604	11.2529	0.646982	1
cg01877196	0.0169836	0.643011	-1.55518	0.00169393	0.506433	-1.9746	0.438488	1.12736	1.12736	0.843853	1.03037	1.03037	5.69251	2.07472	0.323968	1
cg22862846	0.215335	0.783058	-1.27704	0.00163885	0.429295	-2.3294	0.211838	1.27969	1.27969	0.345969	0.833606	-1.19961	4.27845	2.38257	0.495002	1
cg03262242	0.523312	0.895847	-1.11626	0.0136	0.595044	-1.68055	0.334627	0.844345	-1.18435	0.512225	1.11966	1.11966	3.87872	1.77605	0.40702	1
cg21577315	0.761317	1.11113	1.11113	0.953938	0.980218	-1.02018	0.546391	0.809663	-1.23508	0.986603	0.994209	-1.00582	3.64648	6.14169	1.68428	1
cg12076479	0.787753	0.924717	-1.08141	0.11631	1.64046	1.64046	0.00370442	3.11867	3.11867	0.71454	0.898934	-1.11243	3.52832	4.70076	1.18426	1
cg24588745	0.618326	0.879322	-1.13724	0.00117764	0.295623	-3.38269	0.056806	0.575814	-1.73667	0.145531	0.670221	-1.49204	5.5886	5.80244	0.9229	1
cg05313302	0.297988	0.798236	-1.25276	0.00113322	0.346187	-2.88862	0.0875287	0.671727	-1.4887	0.212455	0.759579	-1.31652	18.1858	12.1671	0.520368	1
cg04745336	0.00388566	0.369552	-2.70598	9.37E-05	0.168093	-5.94907	0.281385	0.750795	-1.33192	0.00107828	0.290559	-3.44165	13.732	14.2546	0.922717	1
cg07982481	0.0239641	0.764156	-1.30863	0.0332366	0.779927	-1.28217	0.71656	1.03708	1.03708	0.0244269	1.30706	1.30706	4.48632	0.708629	0.140403	1
cg23915679	0.988329	0.997858	-1.00215	0.0543063	1.37736	1.37736	0.0100282	0.620927	-1.6105	0.0193124	0.660446	-1.51413	14.7239	5.01263	0.302615	1
cg18369397	3.25E-05	0.486343	-2.05616	0.634781	1.04363	1.04363	0.00335643	0.700397	-1.42776	0.0963406	1.17695	1.17695	11.0621	1.39508	0.112101	1
cg05379784	0.735956	1.04268	1.04268	0.257692	1.15703	1.15703	0.012864	1.46438	1.46438	0.148297	1.21105	1.21105	5.88782	1.42202	0.214683	1
cg08156120	0.0208012	2.49825	2.49825	0.302082	0.70343	-1.42161	0.726413	1.12254	1.12254	0.0835394	1.87809	1.87809	5.45253	9.34997	1.52426	1
cg25002125	0.00244461	0.221634	-4.51194	0.0360258	0.418332	-2.39044	0.855107	0.936767	-1.0675	0.00354684	0.243596	-4.10515	4.96534	10.0423	1.79776	1
cg14431393	?	?	?	0.028748	1.80239	1.80239	0.291642	0.778876	-1.2839	0.547012	1.14935	1.14935	4.01062	2.94516	0.73434	1
cg09454509	0.705684	0.944868	-1.05835	0.04159	0.703866	-1.42073	0.0929583	0.758607	-1.31821	0.416337	1.1322	1.1322	26.5949	9.41016	0.314519	1
cg17515744	0.00155336	0.523961	-1.90854	0.00102543	1.99646	1.99646	0.540649	0.915767	-1.09198	0.203806	1.2099	1.2099	12.426	3.97183	0.284123	1
cg19543968	0.0221769	0.507059	-1.97216	0.00159482	0.325666	-3.07063	0.014016	0.471743	-2.1198	0.605146	0.878826	-1.13788	8.35998	8.12102	0.863481	1
cg07837516	0.0837504	0.610698	-1.63747	0.427567	1.2321	1.2321	0.0132208	2.20646	2.20646	0.101534	1.58717	1.58717	5.6489	5.94046	0.934767	1
cg22128488	0.00567575	0.220184	-4.54166	0.00309143	0.182514	-5.47905	0.00245678	0.1695	-5.89969	0.0348771	0.365939	-2.7327	7.97314	19.6848	1.92025	1
cg12696750	0.116279	0.847677	-1.17969	0.000311608	0.567679	-1.76156	0.961327	1.00471	1.00471	0.550399	0.943179	-1.06024	6.26498	0.930191	0.131978	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127T vs. N)	p-value(1217 vs. N)	Fold-Change(1217T vs. N)	p-value(1217 vs. N)	Fold-Change(1217T vs. N)	p-value(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347T vs. N)	p-value(1353 vs. N)	Fold-Change(1353T vs. N)	p-value(1537 vs. N)	Fold-Change(1537T vs. N)	p-value(5377 vs. N)	Fold-Change(5377T 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24130902	DNAL1	0.026911	0.10489	0.623383	-1.60431	0.145717	0.693919	-1.51672	0.112168	0.630492	-1.58606	0.320218	0.31509	1.31509	0.00273286	0.331854	-3.03158	0.0333736	1.94068	1.94068	0.379092	1.27172	1.27172	0.853744	0.95198	-1.05044	0.800285	0.594635	-1.60894	4.24658	4.78294	1.00116	1
cg07311880	DNAL1	0.027553	0.492685	-2.0297	0.206824	0.498949	-2.00421	0.0303512	0.500838	-1.99665	0.867695	0.95572	-1.04633	0.635629	0.878706	-1.13804		0.3536996	1.29591	1.29591	0.0115473	2.35846	2.35846	0.34841	1.29983	1.29983	0.568724	0.855154	-1.16938	4.12688	4.82293	1.03881	1
cg15086653	DNAL1	0.04156	0.0482983	0.432279	-2.31332	0.0681766	0.468109	-2.11626	0.0772806	0.481913	-2.07506	0.109136	0.522404	-1.91423	0.0200894	0.352627	-2.83586	0.108534	0.521724	-1.91672	0.00323226	0.2246584	-4.4507	0.511451	0.780743	-1.28083	0.0485684	0.432836	-2.31034	3.63147	7.9447	1.94666	1
cg16109423	DNAL1	0.0936491	1.76567	1.76567	0.0189141	2.40267	0.40201	0.00985057	0.73433	2.73433	0.0235219	0.30291	2.30291	0.30291	0.42997	1.28201	1.28201	0.829019	0.93551	-1.06894	0.553468	1.20303	1.20303	0.852574	1.05904	1.05904	0.0122884	2.615543	3.614353	5.443447	1.33867	1
cg14830003	DNAL1	0.042563	0.165985	1.72614	1.72614	0.0749621	0.208099	2.08099	0.0161378	2.96755	2.96755	0.0170685	2.92866	2.92866	0.462392	1.31844	1.31844	0.281735	0.661403	-1.51194	0.443613	1.3346	1.3346	0.544816	1.25418	1.25418	0.00737996	3.58145	3.58145	3.5995	1.77841	1.92244	1
cg21717625	DNAL1	0.0426554	0.0529976	2.00422	2.00422	0.0955048	1.78431	1.78431	0.0153943	2.56051	2.56051	0.0123856	2.67609	2.67609	0.279807	1.42652	1.42652	0.217299	0.663378	-1.50744	0.304112	1.40006	1.40006	0.478528	1.25584	1.25584	0.0208118	2.41015	2.41015	5.59659	1.64952	1.40739	1
cg03647334	DNAL1;SNIP1	0.0218064	0.0312052	0.396084	-2.52472	0.632665	1.19292	1.19292	0.811128	0.916038	-1.09166	0.457147	1.31967	1.31967	0.0794647	0.490117	-2.04033	0.114376	0.533089	-1.87586	0.0023696	0.2116559	-4.72458	0.00746631	0.283136	-3.53187	0.135622	0.554792	-1.80248	4.56776	9.70767	1.88912	1
cg02371802	DNAS1	0.00121098	0.761205	0.94797	-1.0551	0.00022468	0.936976	-1.2365	0.421999	0.8658849	-1.15499	0.510664	0.8915982	-1.12169	0.00113449	0.311736	-3.20785	0.0811461	0.712029	-1.4044	0.144721	0.7576921	-1.31972	0.757692	0.947005	-1.05586	0.00237782	0.469864	-2.12828	11.1428	5.44482	0.434048	1
cg04834608	DNAS1	0.00171822	0.221192	0.658834	-1.51783	0.0441979	2.1172	2.1172	0.814096	1.07943	1.07943	0.67323	0.871022	-1.14808	0.0985005	0.31382	-3.18731	3.54E-05	0.0750308	-13.3279	0.574807	0.2504102	-3.99315	0.987837	-1.01231	0.0264979	0.425911	0.425911	-2.34791	10.0766	16.8034	1.48227	1
cg04332526	DNAS1	0.0275367	0.0048357	0.162325	-6.16047	0.399022	1.522	1.522	0.317209	0.604723	-1.65365	0.625832	1.27004	1.27004	0.0164777	0.240395	-4.15983	0.0977998	0.413289	-2.41962	0.0155188	0.235965	-4.23792	0.188462	0.507694	-1.96969	0.0382313	0.31087	-3.21677	4.21244	15.7884	3.33158	1
cg08778316	DNAS1;DNASE1	3.67E-05	0.285336	0.0042715	2.2861	0.165613	-5.38757	0.260854	1.2535	0.00658139	0.500645	-1.99512	2.06164	0.0015107	0.49911			0.8562514	0.965064	-1.0362	0.0305447			-1.88356	0.0188394	2.111137	0.912916	0.978678	17.5862	0.0141157	1
cg19169838	DNAS1;DNASE1;DNASE1L1;DNASE1L2;DNASE1L3;DNASE1L4;DNASE1L5;DNASE1L6;DNASE1L7;DNASE1L8;DNASE1L9;DNASE1L10;DNASE1L11;DNASE1L12;DNASE1L13;DNASE1L14;DNASE1L15;DNASE1L16;DNASE1L17;DNASE1L18;DNASE1L19;DNASE1L20;DNASE1L21;DNASE1L22;DNASE1L23;DNASE1L24;DNASE1L25;DNASE1L26;DNASE1L27;DNASE1L28;DNASE1L29;DNASE1L30;DNASE1L31;DNASE1L32;DNASE1L33;DNASE1L34;DNASE1L35;DNASE1L36;DNASE1L37;DNASE1L38;DNASE1L39;DNASE1L40;DNASE1L41;DNASE1L42;DNASE1L43;DNASE1L44;DNASE1L45;DNASE1L46;DNASE1L47;DNASE1L48;DNASE1L49;DNASE1L50;DNASE1L51;DNASE1L52;DNASE1L53;DNASE1L54;DNASE1L55;DNASE1L56;DNASE1L57;DNASE1L58;DNASE1L59;DNASE1L60;DNASE1L61;DNASE1L62;DNASE1L63;DNASE1L64;DNASE1L65;DNASE1L66;DNASE1L67;DNASE1L68;DNASE1L69;DNASE1L70;DNASE1L71;DNASE1L72;DNASE1L73;DNASE1L74;DNASE1L75;DNASE1L76;DNASE1L77;DNASE1L78;DNASE1L79;DNASE1L80;DNASE1L81;DNASE1L82;DNASE1L83;DNASE1L84;DNASE1L85;DNASE1L86;DNASE1L87;DNASE1L88;DNASE1L89;DNASE1L90;DNASE1L91;DNASE1L92;DNASE1L93;DNASE1L94;DNASE1L95;DNASE1L96;DNASE1L97;DNASE1L98;DNASE1L99;DNASE1L100;DNASE1L101;DNASE1L102;DNASE1L103;DNASE1L104;DNASE1L105;DNASE1L106;DNASE1L107;DNASE1L108;DNASE1L109;DNASE1L110;DNASE1L111;DNASE1L112;DNASE1L113;DNASE1L114;DNASE1L115;DNASE1L116;DNASE1L117;DNASE1L118;DNASE1L119;DNASE1L120;DNASE1L121;DNASE1L122;DNASE1L123;DNASE1L124;DNASE1L125;DNASE1L126;DNASE1L127;DNASE1L128;DNASE1L129;DNASE1L130;DNASE1L131;DNASE1L132;DNASE1L133;DNASE1L134;DNASE1L135;DNASE1L136;DNASE1L137;DNASE1L138;DNASE1L139;DNASE1L140;DNASE1L141;DNASE1L142;DNASE1L143;DNASE1L144;DNASE1L145;DNASE1L146;DNASE1L147;DNASE1L148;DNASE1L149;DNASE1L150;DNASE1L151;DNASE1L152;DNASE1L153;DNASE1L154;DNASE1L155;DNASE1L156;DNASE1L157;DNASE1L158;DNASE1L159;DNASE1L160;DNASE1L161;DNASE1L162;DNASE1L163;DNASE1L164;DNASE1L165;DNASE1L166;DNASE1L167;DNASE1L168;DNASE1L169;DNASE1L170;DNASE1L171;DNASE1L172;DNASE1L173;DNASE1L174;DNASE1L175;DNASE1L176;DNASE1L177;DNASE1L178;DNASE1L179;DNASE1L180;DNASE1L181;DNASE1L182;DNASE1L183;DNASE1L184;DNASE1L185;DNASE1L186;DNASE1L187;DNASE1L188;DNASE1L189;DNASE1L190;DNASE1L191;DNASE1L192;DNASE1L193;DNASE1L194;DNASE1L195;DNASE1L196;DNASE1L197;DNASE1L198;DNASE1L199;DNASE1L200;DNASE1L201;DNASE1L202;DNASE1L203;DNASE1L204;DNASE1L205;DNASE1L206;DNASE1L207;DNASE1L208;DNASE1L209;DNASE1L210;DNASE1L211;DNASE1L212;DNASE1L213;DNASE1L214;DNASE1L215;DNASE1L216;DNASE1L217;DNASE1L218;DNASE1L219;DNASE1L220;DNASE1L221;DNASE1L222;DNASE1L223;DNASE1L224;DNASE1L225;DNASE1L226;DNASE1L227;DNASE1L228;DNASE1L229;DNASE1L230;DNASE1L231;DNASE1L232;DNASE1L233;DNASE1L234;DNASE1L235;DNASE1L236;DNASE1L237;DNASE1L238;DNASE1L239;DNASE1L240;DNASE1L241;DNASE1L242;DNASE1L243;DNASE1L244;DNASE1L245;DNASE1L246;DNASE1L247;DNASE1L248;DNASE1L249;DNASE1L250;DNASE1L251;DNASE1L252;DNASE1L253;DNASE1L254;DNASE1L255;DNASE1L256;DNASE1L257;DNASE1L258;DNASE1L259;DNASE1L260;DNASE1L261;DNASE1L262;DNASE1L263;DNASE1L264;DNASE1L265;DNASE1L266;DNASE1L267;DNASE1L268;DNASE1L269;DNASE1L270;DNASE1L271;DNASE1L272;DNASE1L273;DNASE1L274;DNASE1L275;DNASE1L276;DNASE1L277;DNASE1L278;DNASE1L279;DNASE1L280;DNASE1L281;DNASE1L282;DNASE1L283;DNASE1L284;DNASE1L285;DNASE1L286;DNASE1L287;DNASE1L288;DNASE1L289;DNASE1L290;DNASE1L291;DNASE1L292;DNASE1L293;DNASE1L294;DNASE1L295;DNASE1L296;DNASE1L297;DNASE1L298;DNASE1L299;DNASE1L300;DNASE1L301;DNASE1L302;DNASE1L303;DNASE1L304;DNASE1L305;DNASE1L306;DNASE1L307;DNASE1L308;DNASE1L309;DNASE1L310;DNASE1L311;DNASE1L312;DNASE1L313;DNASE1L314;DNASE1L315;DNASE1L316;DNASE1L317;DNASE1L318;DNASE1L319;DNASE1L320;DNASE1L321;DNASE1L322;DNASE1L323;DNASE1L324;DNASE1L325;DNASE1L326;DNASE1L327;DNASE1L328;DNASE1L329;DNASE1L330;DNASE1L331;DNASE1L332;DNASE1L333;DNASE1L334;DNASE1L335;DNASE1L336;DNASE1L337;DNASE1L338;DNASE1L339;DNASE1L340;DNASE1L341;DNASE1L342;DNASE1L343;DNASE1L344;DNASE1L345;DNASE1L346;DNASE1L347;DNASE1L348;DNASE1L349;DNASE1L350;DNASE1L351;DNASE1L352;DNASE1L353;DNASE1L354;DNASE1L355;DNASE1L356;DNASE1L357;DNASE1L358;DNASE1L359;DNASE1L360;DNASE1L361;DNASE1L362;DNASE1L363;DNASE1L364;DNASE1L365;DNASE1L366;DNASE1L367;DNASE1L368;DNASE1L369;DNASE1L370;DNASE1L371;DNASE1L372;DNASE1L373;DNASE1L374;DNASE1L375;DNASE1L376;DNASE1L377;DNASE1L378;DNASE1L379;DNASE1L380;DNASE1L381;DNASE1L382;DNASE1L383;DNASE1L384;DNASE1L385;DNASE1L386;DNASE1L387;DNASE1L388;DNASE1L389;DNASE1L390;DNASE1L391;DNASE1L392;DNASE1L393;DNASE1L394;DNASE1L395;DNASE1L396;DNASE1L397;DNASE1L398;DNASE1L399;DNASE1L400;DNASE1L401;DNASE1L402;DNASE1L403;DNASE1L404;DNASE1L405;DNASE1L406;DNASE1L407;DNASE1L408;DNASE1L409;DNASE1L410;DNASE1L411;DNASE1L412;DNASE1L413;DNASE1L414;DNASE1L415;DNASE1L416;DNASE1L417;DNASE1L418;DNASE1L419;DNASE1L420;DNASE1L421;DNASE1L422;DNASE1L423;DNASE1L424;DNASE1L425;DNASE1L426;DNASE1L427;DNASE1L428;DNASE1L429;DNASE1L430;DNASE1L431;DNASE1L432;DNASE1L433;DNASE1L434;DNASE1L435;DNASE1L436;DNASE1L437;DNASE1L438;DNASE1L439;DNASE1L440;DNASE1L441;DNASE1L442;DNASE1L443;DNASE1L444;DNASE1L445;DNASE1L446;DNASE1L447;DNASE1L448;DNASE1L449;DNASE1L450;DNASE1L451;DNASE1L452;DNASE1L453;DNASE1L454;DNASE1L455;DNASE1L456;DNASE1L457;DNASE1L458;DNASE1L459;DNASE1L460;DNASE1L461;DNASE1L462;DN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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20303441	DNMT3A;DNMT3A	0.0375835	0.169671	1.60505	1.60505	0.125676	0.58507	-1.7092	0.988623	0.995399	-1.00462	0.599356	0.842434	-1.18704	0.174999	0.627144	-1.59453
cg25044635	DNMT3A;DNMT3A;DNMT3A	4.05E-05	0.427242	0.84107	-1.18896	0.417987	0.838015	-1.1933	0.577285	0.886722	-1.12775	0.2592	0.777761	-1.28574	0.373559	0.822803	-1.21536
cg25096282	DNMT3A;DNMT3A;DNMT3A	0.000281719	0.142753	1.16878	1.16878	0.000585444	1.69236	1.69236	0.0120198	0.733345	-1.36361	0.000609709	1.6868	1.6868	0.278015	0.89433	-1.11816
cg10270719	DNMT3A;DNMT3A;DNMT3A	0.000559824	0.459802	1.14718	1.14718	0.642728	1.08897	1.08897	0.428223	0.862809	-1.15901	0.0365975	0.642017	-1.55759	0.0098633	0.551576	-1.81299
cg05544807	DNMT3A;DNMT3A;DNMT3A	0.0015433	0.877793	1.03581	1.03581	0.196265	1.36679	1.36679	0.389622	0.817425	-1.22335	0.00423753	2.39984	2.39984	0.0195732	0.524623	-1.90613
cg00050692	DNMT3A;DNMT3A;DNMT3A	0.00186779	0.00376708	0.533792	-1.87339	0.00495309	1.81744	1.81744	0.138923	0.774345	-1.29141	0.00337808	0.527295	-1.89647	0.894383	1.02156	1.02156
cg21629895	DNMT3A;DNMT3A;DNMT3A	0.00282735	0.211599	1.28467	1.28467	0.361167	0.836372	-1.19564	0.0507783	0.654669	-1.52749	0.0769961	1.45399	1.45399	0.000173025	0.29703	-3.36666
cg17207266	DNMT3A;DNMT3A;DNMT3A	0.00321439	0.880687	0.977353	-1.02317	0.972666	0.994788	-1.00524	0.121855	1.29144	1.29144	0.0014573	2.01618	2.01618	0.00196811	0.513186	-1.94861
cg13076778	DNMT3A;DNMT3A;DNMT3A	0.00391306	0.867806	1.00983	1.00983	0.00735756	0.816348	-1.22497	0.00332866	1.26461	1.26461	0.057459	1.13453	1.13453	0.382477	1.05402	1.05402
cg11354105	DNMT3A;DNMT3A;DNMT3A	0.00727038	0.00717705	0.310881	-3.21667	0.00351555	0.263852	-3.79	0.0119975	0.348233	-2.87164	0.951554	1.02066	1.02066	0.00464812	0.281621	-3.55087
cg04436772	DNMT3A;DNMT3A;DNMT3A	0.00825904	0.657227	0.933422	-1.07133	0.000582637	0.440236	-2.27151	0.0688865	1.36899	1.36899	0.0312906	0.677214	-1.47664	0.159028	0.792777	-1.26139
cg22731525	DNMT3A;DNMT3A;DNMT3A	0.00850496	0.0236692	0.509366	-1.96322	0.345744	0.78466	-1.27444	0.831177	1.05476	1.05476	0.416051	0.81254	-1.23071	0.000287992	0.228175	-4.38261
cg27369452	DNMT3A;DNMT3A;DNMT3A	0.0161091	0.0255495	0.189019	-5.29046	0.00239623	0.0701994	-14.2451	0.0842355	0.301385	-3.31802	0.144245	0.373487	-2.67747	0.00864073	0.122198	-8.18342
cg11343289	DNMT3A;DNMT3A;DNMT3A	0.0201132	0.0720477	0.409195	-2.44382	0.341975	0.646789	-1.5461	0.152511	1.9778	1.9778	0.14963	0.502833	-1.98873	0.0341051	0.332714	-3.00559
cg17137500	DNMT3A;DNMT3A;DNMT3A	0.0248147	0.175479	0.755748	-1.32319	0.014553	1.79502	1.79502	0.0311668	1.63492	1.63492	0.264344	0.7976	-1.25376	0.0263961	0.599428	-1.66826
cg10749994	DNMT3A;DNMT3A;DNMT3A	0.026108	0.0101929	0.0259096	-38.5958	0.0731459	0.105032	-9.52094	0.464594	0.432019	-2.31471	0.0807892	0.11265	-8.87709	0.0855566	0.117305	-8.52482
cg00898683	DNMT3A;DNMT3A;DNMT3A	0.0328008	0.0385807	0.327273	-3.05555	0.717849	0.844381	-1.1843	0.470421	0.710141	-1.40817	0.180488	0.515341	-1.94046	0.023348	0.282749	-3.53671
cg06112956	DNMT3A;DNMT3A;DNMT3A	0.0367509	0.223408	0.900801	-1.11012	0.00698422	1.32968	1.32968	0.4097	1.07128	1.07128	0.0231444	0.801114	-1.24826	0.4489	0.938923	-1.06505
cg23393100	DNMT3A;DNMT3A;DNMT3A	0.0386023	0.363454	1.27775	1.27775	0.287754	1.33596	1.33596	0.0572912	1.75832	1.75832	0.0973275	1.61199	1.61199	0.076769	0.596587	-1.6762
cg15843262	DNMT3A;DNMT3A;DNMT3A	0.0442573	0.348362	0.53153	-1.88136	0.340503	0.525712	-1.90218	0.123549	0.335568	-2.98002	0.84178	0.877367	-1.13977	0.904143	0.924166	-1.08206
cg05652528	DNMT3A;DNMT3A;DNMT3A;MIR1301	0.0474759	0.382836	1.20866	1.20866	0.0661297	0.646291	-1.54729	0.52479	0.872426	-1.14623	0.283663	0.78988	-1.26602	0.0352995	1.68054	1.68054
cg17482740	DNMT3B;DNMT3B;DNMT3B	0.00286374	0.00190725	2.77571	2.77571	0.00212316	2.72552	2.72552	0.646594	1.11314	1.11314	0.717774	0.919183	-1.08792	0.00336152	0.396026	-2.52508
cg24403338	DNMT3B;DNMT3B;DNMT3B;DNMT3B DNMT3B;DNMT3B;DNMT3B;DNMT3B;	0.0448535	0.0885889	0.792408	-1.26198	0.0743641	0.781729	-1.27922	0.840648	1.02525	1.02525	0.101516	0.800869	-1.24864	0.859098	1.02225	1.02225
cg16523653	DNMT3B;DNMT3B DNMT3B;DNMT3B;DNMT3B;DNMT3B;	2.51E-05	0.243694	0.688747	-1.45191	0.899188	1.03951	1.03951	0.210763	1.49646	1.49646	0.013951	0.395231	-2.53017	0.00018955	0.146062	-6.84642
cg16953106	DNMT3B;DNMT3B	0.000934007	0.223996	0.728089	-1.37346	0.00635106	0.413733	-2.41702	0.692477	0.905972	-1.10379	0.989071	0.996603	-1.00341	0.0070888	2.37327	2.37327
cg05705496	DNMT3L;DNMT3L	0.000174624	0.140604	0.657915	-1.51995	0.000995471	0.274841	-3.63846	0.00105961	0.278389	-3.5921	0.0365908	0.526452	-1.89951	0.000578526	0.245059	-4.08065
cg27187798	DNMT3L;DNMT3L	0.000390425	0.673406	1.076	1.076	0.00159987	2.18665	2.18665	0.0128137	0.586145	-1.70606	0.115117	0.74376	-1.34452	0.00121356	0.441092	-2.2671
cg22028785	DNMT3L;DNMT3L	0.0110336	0.219291	0.756239	-1.32233	0.00354617	2.3508	2.3508	0.0357018	1.69665	1.69665	0.99141	1.00233	1.00233	0.275661	0.782494	-1.27796
cg23434074	DNMT3L;DNMT3L	0.0266073	0.0174442	0.311313	-3.2122	0.0117768	0.28125	-3.55556	0.0696542	0.44125	-2.26629	0.0512762	0.40863	-2.4472	0.0101295	0.270361	-3.69876
cg26398867	DNMT3L;DNMT3L	0.0381093	0.0693955	0.202752	-4.93214	0.00449089	0.050995	-19.6098	0.0168145	0.101075	-9.89363	0.273457	0.40847	-2.44816	0.0301804	0.134992	-7.40784
cg15635600	DNMT3L;DNMT3L;DNMT3L;DNMT3L	0.0112688	0.0104747	0.212218	-4.71213	0.478201	1.41469	1.41469	0.186811	0.510054	-1.96058	0.0993566	2.38478	2.38478	0.0023877	0.130449	-7.66585
cg22888752	DNPEP	0.000692521	0.000101209	0.370658	-2.69791	0.000845503	2.06044	2.06044	0.0210407	1.49156	1.49156	0.186584	0.817336	-1.22349	0.0103258	0.627818	-1.59282
cg21531689	DNPEP	0.000898283	0.0484582	0.641528	-1.55878	0.0844726	1.4561	1.4561	0.159493	1.34446	1.34446	0.020171	0.575972	-1.73619	0.000134036	0.271737	-3.68003
cg00244308	DNPEP	0.000996385	0.641159	0.925502	-1.0805	0.257831	1.21501	1.21501	0.407004	1.15016	1.15016	0.0665003	0.712193	-1.40411	4.19E-05	0.276349	-3.61861
cg27482168	DNPEP	0.00182699	0.0731264	0.691076	-1.44702	0.91134	1.02081	1.02081	0.149585	1.33062	1.33062	0.00207155	2.22944	2.22944	0.140604	0.745983	-1.34051
cg00584636	DNPEP	0.00476756	0.0244304	0.250758	-3.9879	0.857889	1.09688	1.09688	0.360065	1.62488	1.62488	0.079143	0.365832	-2.7335	?	?	?
cg13831124	DNPEP	0.0237456	0.347209	1.10131	1.10131	0.353869	0.909282	-1.09977	0.0309621	1.2873	1.2873	0.163773	1.15969	1.15969	0.406942	0.9189	-1.08826
cg04215968	DNPEP	0.0253213	0.581768	1.17177	1.17177	0.0745405	1.76138	1.76138	0.0084011	2.60984	2.60984	0.578057	0.85205	-1.17364	0.00309255	0.315498	-3.1696
cg05905184	DNPEP	0.0349163	0.178357	1.79102	1.79102	0.187376	0.565823	-1.76734	0.563715	1.26856	1.26856	0.291279	1.56253	1.56253	0.880334	0.94045	-1.06332
cg15609016	DNPEP	0.0480982	0.205997	2.31929	2.31929	0.445304	1.63339	1.63339	0.00217794	0.0664251	-15.0546	?	?	?	0.883832	1.09658	1.09658
cg03739129	DNPEP;DNPEP	0.0331724	0.0203651	0.819681	-1.21999	0.539894	0.956826	-1.04512	0.411071	1.0616	1.0616	0.948077	1.00464	1.00464	0.00435795	0.762708	-1.31112
cg19935065	DNTT;DNTT	2.90E-05	0.00102121	0.458428	-2.18137	0.0346149	0.673974	-1.48374	0.00883191	0.586314	-1.70557	0.483303	0.892167	-1.12087	2.61E-06	0.162833	-6.14124
cg18278519	DNTT;DNTT	0.00194243	0.000956242	0.196936	-5.07779	0.00660114	0.312086	-3.20424	0.00363087	0.27268	-3.66731	0.00920031	0.335606	-2.97968	0.00111002	0.204621	-4.88708
cg03930857	DNTT;DNTT	0.0212718	0.96754	1.01169	1.01169	0.0355252	0.497204	-2.01125	0.182299	0.667553	-1.49801	0.895742	1.03814	1.03814	0.17347	0.661338	-1.51209
cg24949488	DNTT;DNTT	0.0490577	0.619431	0.795279	-1.25742	0.00168399	8.81236	8.81236	0.633798	0.80288	-1.24552	0.869953	0.927855	-1.07775	0.130981	0.470453	-2.12561
cg13502903	DNTTIP2	0.0165582	0.00160616	0.305836	-3.26972	0.147642	1.50195	1.50195	0.235838	1.38441	1.38441	0.104989	1.5902	1.5902	0.370236	1.27243	1.27243
cg25753915	DNTTIP2	0.031885	0.745256	1.03581	1.03581	0.616362	0.946939	-1.05603	0.162701	1.17451	1.17451	0.0774521	0.809092	-1.23595	0.00937602	0.700779	-1.42698
cg19906608	DNTTIP2	0.0360843	0.367679	0.88657	-1.12794	0.547593	0.923876	-1.0824	0.979033	1.00343	1.00343	0.228091	1.17892	1.17892	0.0172749	0.685682	-1.4584
cg23110891	DNTTIP2	0.0364347	?	?	?	0.256421	1.73604	1.73604	0.449461	1.41791	1.41791	0.00311041	0.0701578	-14.2536	?	?	?
cg22807700	DNTTIP2	0.038692	0.348457	1.54547	1.54547	0.797796	0.890667	-1.12275	0.0328961	0.324537	-3.08131	0.437343	0.699552	-1.42949	0.00231999	0.146814	-6.81135
cg15589930	DNTTIP2	0.0448743	0.00809952	0.586946	-1.70373	0.209624	0.812376	-1.23096	0.736779	0.948368	-1.05444	0.702327	0.941442	-1.0622	0.146479	0.782759	-1.27753
cg18800136	DNTTIP2	?	?	0.293371	-3.40865	?	3.52509	3.52509	?	?	?	?	?	?	?	?	?
cg07598755	DOC2A	0.00082253	0.00146718	0.672489	-1.48701	0.394699	0.927452	-1.07822	0.0908324	1.17462	1.17462	0.00232854	0.692596	-1.44384	0.0039768	0.715668	-1.3973
cg07303450	DOC2A	0.00144039	0.0595576	2.5619	2.5619	0.0194175	3.49131	3.49131	0.0307594	3.07247	3.07247	0.00842225	4.43112	4.43112	0.0048071	5.23461	5.23461
cg05743982	DOC2A	0.00258246	0.0912319	0.663543	-1.50706	0.00139963	2.77459	2.77459	0.220048	1.32888	1.32888	0.510956	0.863277	-1.15838	0.000239453	0.261627	-3.82223
cg06015834	DOC2A	0.00581174	0.0962632	0.608906	-1.64229	0.659546	1.12797	1.12797	0.0886245	1.66565	1.66565	0.00133825	3.5479	3.5479	0.457604	0.814267	-1.2281
cg07041748	DOC2A	0.00705628	0.046032	1.42047	1.42047	0.0115728	1.62361	1.62361	0.182219	0.804657	-1.24277	0.0962371	1.32365	1.32365	0.0173773	0.641061	-1.55991
cg27151362	DOC2A	0.00864327	0.0783355	1.80603	1.80603	0.0741113	1.82503	1.82503	0.857334	1.0559	1.0559	0.389323	1.30559	1.30559	0.0157979	2.44449	2.44449
cg06797385	DOC2A	0.0104996	0.0769438	0.452085	-2.21197	0.00421025	4.69739	4.69739	0.10492	2.04467	2.04467	0.590347	0.803033	-1.24528	0.00185007	0.167978	-5.95315
cg03890691	DOC2A	0.0109274	0.0115679	7.04841	7.04841	0.00695208	8.66952	8.66952	0.212277	2.25369	2.25369	0.0494253	4.00192	4.00192	0.429317	0.607139	-1.64707
cg16626327	DOC2A	0.0290855	0.0584393	0.460518	-2.17147	0.130871	1.80681	1.80681	0.29369	0.673681	-1.48438	0.00352427	0.238167	-4.19873	0.709491	0.873097	-1.14535
cg01283141	DOC2A	0.0297345	0.40158	1.18208	1.18208	0.0295914	1.64717	1.64717	0.0374461	1.60075	1.60075	0.264321	1.25444	1.25444	0.0930306	1.43338	1.43338
cg16438655	DOC2B	6.05E-06	0.0631803	1.2667	1.2667	0.326258	0.891665	-1.1215	0.733911	1.03936	1.03936	0.646473	1.05364	1.05364	0.00341027	0.637493	-1.56864
cg14551002	DOC2B	0.00044343	0.881547	0.977341	-1.02318	0.290535	1.18366	1.18366	0.0954399	1.32521	1.32521	0.662291	1.06989	1.06989	0.177954	0.802489	-1.24612
cg05006067	DOC2B	0.00113226	0.441724	1.19239	1.19239	0.321449	1.25831	1.25831	0.74138	1.07712	1.07712	0.491384	1.16973	1.16973	0.195812	0.735757	-1.35914
cg18765366	DOC2B	0.00117943	0.268635	0.667436	-1.49827	0.899356	1.0454	1.0454	0.287247	1.47367	1.47367	0.0350738	2.36704	2.36704	0.699602	1.14575	1.14575
cg21726327	DOC2B	0.0112713	0.18565	1.35624	1.35624	0.107455	0.682869	-1.46441	0.058219	0.628291	-1.59162	0.00846005	0.481942	-2.07494	0.857274	0.961668	-1.03986
cg19910399	DOC2B	0.0128438	0.137759	1.47808	1.47808	0.851034	0.955077	-1.04704	0.21631	1.37451	1.37451	0.287279	1.31013	1.31013	0.803796	0.940958	-1.06275
cg24909753	DOC2B	0.0166405	0.0542142	1.86323	1.86323	0.0254945	0.469485	-2.12999	0.00343503	0.322371	-3.10201	0.175304	1.50764	1.50764	0.728753	0.905597	-1.10424
cg18016963	DOC2B	0.0192286	0.0458736	0.726799	-1.3759	0.00308311	1.7591	1.7591	0.988182	0.997937	-1.00207	0.989081	0.998094	-1.00191	0.0661407	0.750209	-1.33296
cg27607838	DOC2B	0.026972	0.0684067	0.556034	-1.79845	0.0374979	0.499374	-2.00251	0.696444	1.11939	1.11939	0.359721	0.762692	-1.31115	0.524282	0.830574	-1.20399
cg06876157	DOCK1	6.27E-06	1.79E-05	0.223018	-4.48395	0.0100657	0.573484	-1.74373	0.00028578	0.362728	-2.75689	0.000231749	0.351325	-2.84637	0.00337004	0.50525	-1.97922
cg10004882	DOCK1	0.000167975	0.0235754	0.558557	-1.79033	0.39968	1.20408	1.20408	5.42E-05	0.19772	-5.05766	0.257876	0.775442	-1.28959	5.02E-05	0.194331	-5.14587
cg11261261	DOCK1	0.00146997	0.852935	0.969268	-1.03171	0.0455326	1.47068	1.47068	0.333504	1.18269	1.18269	0.993999	0.998736	-1.00127	0.000100089	0.313289	-3.19194
cg11791710	DOCK1	0.0061896	0.035519	0.757426	-1.32026	0.00937217	0.68799	-1.45351	0.0202462	0.727751	-1.3741	0.136392	1.1998	1.1998	0.0335441	0.75437	-1.32561
cg14995235	DOCK1	0.00620725	0.00665665	0.428243	-2.33512	0.00739951	0.435586	-2.29576	0.014642	0.484854	-2.06248	0.380026	1.2422	1.2422	0.000914512	0.303104	-3.29919
cg06406458	DOCK1	0.0073673	0.102908	0.427776	-2.33767	0.0202291	3.79108	3.79108	0.0064802	0.185562	-5.38903	0.712622	1.19252	1.19252	0.0706108	0.382291	-2.61581
cg20122645	DOCK1	0.00875342	0.998245	1.00032	1.00032	0.230281	0.833075	-1.20037	0.47626	0.900229	-1.11083	0.132822	0.790313	-1.26532	0.00160264	0.518509	-1.92861
cg05702161	DOCK1	0.0108119	0.0279152	0.623375	-1.60417	0.0115655	0.563018	-1.77614	0.515937	1.12731	1.12731	0.0881821	1.40817	1.40817	0.759984	1.05733	1.05733
cg19525546	DOCK1	0.0130954	0.0192629	0.462383	-2.16271	0.0663352	0.570584	-1.75259	0.0428647	0.529927	-1.88705	0.0648806	1.75919	1.75919	0.00158981	0.290873	-3.43792
cg04558647	DOCK1	0.0180705	0.0602875	1.37641	1.37641	0.141037	0.787649	-1.2696	0.0036918	0.553406	-1.80699	0.58913	0.921071	-1.08569	0.0566705	0.722325	-1.38442
cg13290590	DOCK1	0.0204257	0.525915	0.890124	-1.12344	0.00818848	1.84551	1.84551	0.722977	1.06658	1.06658	0.190969	0.7782	-1.28502	0.0314026	0.63308	-1.57958
cg26865494	DOCK1	0.0209613	0.979187	1.00847	1.00847	0.334658	1.37947	1.37947	0.348427	1.36631	1.36631	0.154581	0.611012	-1.63663	0.058145	1.99837	1.99837
cg10491120	DOCK1	0.0228053	0.0677312	0.70326	-1.42195	0.025565	0.633589	-1.57831	0.0180745	0.610207	-1.63879	0.265866	0.819186	-1.22072	0.0651045	0.700287	-1.42799
cg08872001	DOCK1	0.0243804	0.00457654	0.554226	-1.80432	0.490508	0.896292	-1.11571	0.5661	0.913313	-1.09491	0.766257	1.04771	1.04771	0.0132248	0.618725	-1.61623
cg14117562	DOCK1	0.0281255	0.606553	1.14913	1.14913	0.112462	0.629781	-1.58785	0.0118259	0.431255	-2.31882	0.232436	1.39805	1.39805	0.692255	1.11232	1.11232
cg14954740	DOCK1	0.029998	0.879302	0.951778	-1.05067	0.377887	1.34215	1.34215	0.76754	0.908091	-1.10121	0.534884	0.815132	-1.22679	0.000441502	0.164517	-6.07839
cg03752935	DOCK1	0.0369798	0.12124	0.530229	-1.88598	0.785962	0.902321	-1.10825	0.224803	0.617885	-1.61843	0.113945	0.522374	-1.91434	0.00277004	0.210493	-4.75075
cg00622654	DOCK1	0.0428918	0.140302	0.503269	-1.98701	0.190706	0.552553	-1.80978	0.0475119	0.359003	-2.78549	0.317397	1.54547	1.54547	0.084553	0.43091	-2.32067
cg12598227	DOCK1	0.0434229	0.0260695	0.406762	-2.45844	0.166969	0.60538	-1.65186	0.529352	0.804874	-1.24243	0.0770547	0.511862	-1.95365	0.0134235	0.35244	-2.83736
cg17335001	DOCK1	0.048364	0.00556076	0.234579	-4.26295	0.3053	0.655357	-1.52588	0.256352	0.623975	-1.60263	0.29201	0.647117	-1.54532	0.00596942	0.239099	-4.18237
cg00623593	DOCK1	0.0497919	0.0106027	0.549922	-1.81844	0.163813	1.31844	1.31844	0.706085	1.07303	1.07303	0.831065	0.961031	-1.04055	0.336669	1.20238	1.20238
cg11249313	DOCK10	0.000448685	0.116207	1.10138	1.10138	0.00889369	1.2072	1.2072	0.000755397	0.749073	-1.33498	0.324529	1.05924	1.05924	0.0321214	1.15256	1.15256
cg19009372	DOCK10	0.000859804	0.796698	0.958942	-1.04282	0.23874	1.22186	1.22186	0.0968561	1.34441	1.34441	0.714513	0.942083	-1.06148	0.0397938	0.679781	-1.47106
cg20992319	DOCK10	0.00744625	0.0142769	0.611566	-1.63515	0.00507486	0.547269	-1.82725	0.00445993	0.539446	-1.85376	0.0604416	0.708552	-1.41133	0.301849	1.19013	1.19013
cg01636561	DOCK10	0.00841961	0.958766	0.993211	-1.00683	0.00482422	1.6366	1.6366	0.00203973	1.77329	1.77329	0.457471	1.10483	1.10483	0.913817	1.01437	1.01437
cg13742400	DOCK10	0.0134321	0.27357	0.766533	-1.30457	0.503139	0.85337	-1.17182	0.0080889	0.453204	-2.20651	0.0251321	0.537114	-1.8618	0.208199	0.733719	-1.36292
cg05147330	DOCK11	0.000363184	0.964634	1.00792	1.00792	1.81E-05	0.210582	-4.74875	0.000212271	0.332274	-3.00957	0.714641	1.06755	1.06755	0.0137659	0.58154	-1.71957
cg18785414	DOCK11	0.0139091	0.0104248	0.149592	-6.68486	0.00882545	0.140287	-7.12827	0.0831456	0.323003	-3.09594	0.758166	0.833661	-1.19953	0.0323581	0.228545	-4.37551
cg05240083	DOCK11	0.0235432	0.278314	0.65302	-1.53135	0.951095	0.977081	-1.02346	0.022246	0.354916	-2.81757	0.0316279	2.59232	2.59232	0.0538677	0.437175	-2.28741
cg06130360	DOCK11	0.0458895	0.0931395	0.233355	-4.28532	0.316596	0.442344	-2.26068	0.917693	1.08484	1.08484	0.107673	0.250802	-3.98721	0.00263787	0.0376791	-26.5399
cg25984344	DOCK1;FAM196A	1.15E-06	0.268801	0.940184	-1.06362	0.00031954	1.36616	1.36616	1.29E-08	3.32278	3.32278	0.0316455	0.873778	-1.14446	0.28068	1.06189	1.06189
cg11094040	DOCK1;FAM196A	0.0142397	0.379966	1.24541	1.24541	0.530783	0.856651	-1.16734	0.0875892	0.631591	-1.5833	0.647384	1.11876	1.11876	0.00163693	0.333166	-3.00151
cg07070289	DOCK1;FAM196A	0.0297497	0.726442	0.953192	-1.04911	0.869715	0.977845	-1.02266	0.0304316	1.41508	1.41508	0.294195	1.16008	1.16008	0.0275341	0.700668	-1.42721
cg05788176	DOCK1;FAM196A	0.0406061	0.0379253	0.364514	-2.74338	0.0322907	2.86101	2.86101	0.0718434	2.32258	2.32258	0.146478	1.92237	1.92237	0.0215496	0.314296	-3.18171
cg19023362	DOCK1;FAM196A	0.0448702	0.0456384	0.721922	-1.38519	0.396525	0.883872	-1.13139	0.557716	0.91916	-1.08795	0.216002	1.20337	1.20337	0.615013	1.07476	1.07476
cg14939821	DOCK1;FAM196A	0.0477045	0.0272786	0.399193	-2.50506	0.423168	0.750071	-1.33321	0.0377422	0.428641	-2.33296	0.0872753	0.51494	-1.94197	0.0141452	0.344935	-2.8991
cg16277944	DOCK2	8.32E-09	0.162011	0.935295	-1.06918	3.09E-08	2.45844	2.45844	6.06E-05	1.39359	1.39359	1.51E-07	2.0851	2.0851	3.56E-09	0.306415	-3.26355
cg26426470	DOCK2	6.67E-05	5.72E-05	0.184098	-5.43189	0.497995	1.16873	1.16873	0.000456894	0.286214	-3.49389	0.010375	0.481136	-2.07841	3.37E-06	0.0834061	-11.9895
cg09175734	DOCK2	0.00056144	0.63887	0.935845	-1.06855	0.0809143	0.762239	-1.31192	5.91E-06	0.240004	-4.16659	0.0191296	0.671822	-1.48849	0.534819	0.915601	-1.09218
cg12627202	DOCK2	0.00593298	0.975584	1.00575	1.00575	0.00826064	1.88302	1.88302	0.0135965	0.564349	-1.77195	0.754035	0.942807	-1.06066	0.00131682	0.416512	-2.40089
cg26794227	DOCK2	0.00615457	0.0614117	0.66611	-1.50125	0.0701001	1.4776	1.4776	0.000591103	0.359488	-2.78173	0.122829	0.724456	-1.38035	0.622968	1.10026	1.10026
cg27294324	DOCK2	0.0115357	0.00151002	2.19903	2.19903	0.399552	1.1603	1.1603	0.0161865	0.602221	-1.66052	0.255158	0.814799	-1.2273	0.031019	1.54729	1.54729
cg07442040	DOCK2	0.0159983	0.388692	0.813639	-1.22905	0.0101619	0.469171	-2.13142	0.0125333	0.484314	-2.06478	0.050765	0.594767	-1.68133	0.451389	0.835995	-1.19618
cg21233722	DOCK2	0.0209917	0.0220327	4.43108	4.43108	0.191348	2.1167	2.1167	0.13985	2.36573	2.36573	0.203069	2.07162	2.07162	0.0193564	4.63185	4.63185
cg23184477	DOCK2	0.0233495	0.248405	1.37042	1.37042	0.238166	1.38083	1.38083	0.000989318	0.27851	-3.59053	0.718193	0.909695	-1.09927	0.162464	1.47619	1.47619
cg14693941	DOCK2	0.0255105	0.780531	0.917117	-1.09037	0.147964	0.618306	-1.61732	0.0123358	0.380923	-2.6252	0.0589919	0.51659	-1.93577	0.00923257	0.359312	-2.7831
cg04730794	DOCK2	0.026195	0.0176621	0.182742	-5.47221	0.0089307	0.141014	-7.0915	0.0447797	0.257537	-3.88294	0.0623823	0.290743	-3.43946	0.00735597	0.130755	-7.6479
cg23171871	DOCK2	0.0269585	0.180255	2.5465	2.5465	0.0128003	7.62244	7.62244	0.0424992	4.63889	4.63889	0.285078	2.07377	2.07377	0.0352452	5.00735	5.00735
cg05008366	DOCK2	0.0271801	0.677531	1.18225	1.18225	0.00124394	0.151265	-6.61093	0.0493361	0.407335	-2.45498	0.223636	0.599384	-1.66838	0.194393	0.577175	-1.73258
cg25076039	DOCK2	0.0355386	0.655431	0.890769	-1.12263	0.846652	0.951359	-1.05113	0.236625	1.37624	1.37624	0.584236	1.15294	1.15294	0.00958241	0.429666	-2.32739
cg21131622	DOCK2	0.036238	0.785551	0.938386	-1.06566	0.00343992	0.395942	-2.52562	0.0451113	0.585056	-1.70924	0.909839	0.973932	-1.02677	0.00892381	0.460379	-2.17212
cg27063969	DOCK2	0.0384011	0.0198205	0.24313	-4.11303	0.0254398	0.263111	-3.80068	0.0471117	0.319126	-3.13356	0.232629	0.533003	-1.87616	0.0524878	0.330073	-3.02963
cg02251134	DOCK2	0.0389087	0.166915	1.41249	1.41249	0.536132	1.15816	1.15816	0.178716	0.715464	-1.39769	0.204398	1.36873	1.36873	0.070634	1.60557	1.60557
cg23477774	DOCK2	0.0460948	0.306893	0.649492	-1.53967	0.0889803	0.465183	-2.14969	0.0245617	0.335346	-2.982	0.0728869	0.442084	-2.26201	0.00560819	0.226799	-4.40919
cg27591502	DOCK2;FAM196B	0.028231	0.530508	0.849487	-1.17718	0.0922439	1.60925	1.60925	0.0205269	0.488452	-2.04729	0.200615	1.41488	1.41488	0.00470443	0.381229	-2.6231
cg24110184	DOCK3	0.000430099	0.00019539	0.11933	-8.3801	0.000799647	0.179474	-5.57184	0.0108516	0.337753	-2.96074	0.0708736	0.5042	-1.98334	0.000459184	0.153878	-6.49866
cg18017383	DOCK3	0.00537839	0.576701	0.84977	-1.17679	0.411916	0.784914	-1.27403	0.0807583	0.571764	-1.74897	0.000652722	0.221259	-4.51959	0.0322436	0.484851	-2.06249
cg01048561	DOCK3	0.00558203	0.0657069	1.82892	1.82892	0.000606994	4.68704	4.68704	0.362851	1.3144	1.3144	0.0425969	1.9787	1.9787	0.003318	0.310701	-3.21852
cg15322641	DOCK3	0.00813411	0.374796	0.805279	-1.24181	0.0160398	0.496233	-2.01518	0.0219678	0.520306	-1.92194	0.492515	1.18023	1.18023	0.000659234	0.289274	-3.45693
cg25959131	DOCK3	0.0094624	0.489845	1.3559	1.3559	0.00605716	4.739	4.739	0.0123527	3.8652	3.8652	0.0057262	4.81765	4.81765	0.287664	0.619308	-1.6147
cg09456445	DOCK3	0.0103398	0.00773982	0.183993	-5.43498	0.0543138	0.339372	-2.94662	0.0196798	0.347093	-4.03237	0.686102	1.22371	1.22371	0.00313103	0.117941	-8.47878
cg05811036	DOCK3	0.0195411	0.441738	0.773371	-1.29304	0.0186997	4.2436	4.2436	0.122986	1.27282	1.27282	0.0525211	3.45581	3.45581	0.385802	0.646585	-1.54657
cg05622438	DOCK3	0.0219337	0.152279	0.697525	-1.43364	0.00233247	2.714	2.714	0.655157	0.899789	-1.11137	0.435697	0.829601	-1.20541	0.621879	0.524017	-1.90834
cg05301500	DOCK3	0.024126	0.641278	1.17704	1.17704	0.0729418	0.499155	-2.00338	0.234243	0.648452	-1.54213	0.395562	1.3529	1.3529	0.0094926	0.319333	-3.13152
cg13302785	DOCK3	0.0248426	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12687897	DOCK3	0.0304688	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04901179	DOCK4	0.000172333	0.000861079	0.571236	-1.75059	0.0162909	1.38921	1.38921	0.512318	1.0772	1.0772	0.921067	1.01155	1.01155	0.0095579	0.550349	-1.81703

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20303441	0.408793	0.76089	-1.31425	0.14692	0.604401	-1.65453	0.00497798	3.32837	3.32837	0.0498727	0.485075	-2.06154	3.76829	6.244	1.47288	1
cg25044635	3.24E-07	0.0418406	-23.9002	0.0493418	1.61444	1.61444	0.595369	0.89186	-1.12125	0.70628	1.0842	1.0842	28.1374	20.3171	0.641836	1
cg25096282	0.000605099	0.592475	-1.68784	0.000516835	0.584906	-1.70968	0.502819	1.06964	1.06964	0.605083	0.949666	-1.053	16.7354	2.59792	0.137986	1
cg10270719	0.000687707	0.388429	-2.57448	2.24E-05	0.212123	-4.71424	0.0833434	1.41867	1.41867	0.0413798	0.651022	-1.53605	13.8487	7.30062	0.468594	1
cg05544807	0.26131	1.30719	1.30719	0.12812	1.45663	1.45663	4.89E-05	5.72842	5.72842	0.335894	1.25471	1.25471	10.394	8.60782	0.736134	1
cg00050692	0.494874	0.894686	-1.11771	0.00309536	1.91533	1.91533	0.152418	1.27904	1.27904	0.015496	0.620797	-1.61083	9.83567	4.0155	0.362896	1
cg21629895	0.0127976	0.555104	-1.80147	0.75109	1.06245	1.06245	0.0641879	0.673071	-1.48573	0.056881	1.50713	1.50713	8.70987	4.99832	0.510105	1
cg17207266	0.102763	0.761657	-1.31293	0.0663673	0.730492	-1.36894	0.00542138	1.74741	1.74741	0.844633	1.03038	1.03038	8.38424	3.08874	0.327465	1
cg13076778	0.186851	0.921098	-1.08566	0.547344	1.03642	1.03642	0.0696653	0.88765	-1.12657	0.0012683	1.31819	1.31819	7.90464	0.431983	0.0485771	1
cg11354105	0.0444193	0.459745	-2.17512	0.00457263	0.280557	-3.56433	0.399591	1.33679	1.33679	0.196379	0.631391	-1.58381	6.53731	11.7314	1.59513	1
cg04436772	0.146713	0.786397	-1.27162	0.0316697	1.47493	1.47493	0.967776	0.993787	-1.00625	0.278703	0.8405	-1.18977	6.28087	2.36745	0.335054	1
cg22731525	0.0792172	0.614685	-1.62685	0.0887364	0.625696	-1.59822	0.00445834	0.387788	-2.57873	0.125927	0.661306	-1.51216	6.22287	6.14671	0.87801	1
cg27369452	0.37937	0.567667	-1.7616	0.00365555	0.0847465	-11.7999	0.0456996	0.237307	-4.21395	0.108187	0.332737	-3.00537	5.05954	31.5901	5.54993	1
cg11343289	0.14732	0.500582	-1.99768	0.00120223	0.1211	-8.25764	0.034226	0.33304	-3.00264	0.107771	0.457933	-2.18372	4.69655	14.7283	2.78813	1
cg17137500	0.372591	0.836996	-1.19475	0.42923	1.16984	1.16984	0.132237	1.37135	1.37135	0.0978144	0.702537	-1.42341	4.36852	2.61427	0.531942	1
cg10749994	0.251406	0.258927	-3.86209	0.00164544	0.00620911	-161.054	0.0247303	0.0490508	-20.387	0.0714292	0.103292	-9.68132	4.29185	86.4299	17.9006	1
cg00898683	0.104374	0.437112	-2.28774	0.0013783	0.114998	-8.69578	0.0440778	0.340146	-2.93992	0.256757	0.575922	-1.73635	3.95865	13.6241	3.05919	1
cg06112956	0.150424	0.881719	-1.13415	0.0940342	0.8604	-1.16225	0.195069	0.89411	-1.11843	0.756421	1.02574	1.02574	3.7992	0.40131	0.0938934	1
cg23393100	0.210292	1.41403	1.41403	0.00311909	2.8888	2.8888	0.0728513	1.69065	1.69065	0.373126	1.27117	1.27117	3.73159	4.07015	0.969537	1
cg15843262	0.982883	0.986055	-1.01414	0.00278722	0.0673109	-14.8564	0.00905324	0.114008	-8.7713	0.0631615	0.254611	-3.92756	3.54753	24.0749	6.03233	1
cg05652528	0.912788	0.977067	-1.02347	0.00619524	2.12944	2.12944	0.400085	0.833261	-1.2001	0.632276	0.902945	-1.10749	3.45526	2.45399	0.631305	1
cg17482740	0.0151951	0.500413	-1.99835	0.473562	0.844312	-1.1844	0.154662	1.4243	1.4243	0.599765	0.884325	-1.13081	8.67695	7.40758	0.758851	1
cg24403338	0.102773	1.24744	1.24744	0.914158	0.986733	-1.01344	0.408824	0.900655	-1.1103	0.00321766	0.607768	-1.64536	3.52983	0.857622	0.215968	1
cg16523653	0.00291174	0.28632	-3.49259	3.71E-07	0.0114924	-87.0143	0.00174971	0.25572	-3.91053	0.00840066	0.357318	-2.79863	31.927	47.2524	1.31557	1
cg16953106	3.35E-05	0.135545	-7.37765	0.0121216	0.45986	-2.17457	0.251183	0.742434	-1.34692	0.961981	0.988228	-1.01191	11.9963	11.7244	0.868742	1
cg05705496	0.000295518	0.210796	-4.74393	3.93E-05	0.125149	-7.99047	4.01E-05	0.125877	-7.94427	0.0277647	0.50305	-1.98787	19.0586	21.0592	0.982193	1
cg27187798	0.000511551	0.391585	-2.55372	0.0117667	0.580595	-1.72237	0.00498022	1.90096	1.90096	0.0118181	1.72153	1.72153	15.302	7.23665	0.420374	1
cg22028785	0.476602	1.16945	1.16945	0.00442259	2.27411	2.27411	0.00961282	2.03187	2.03187	0.576053	0.88499	-1.12996	5.7269	4.24268	0.658519	1
cg23434074	0.167979	1.80853	1.80853	0.0606165	0.426125	-2.34673	0.131065	0.518203	-1.92975	0.429301	0.722276	-1.38451	4.2635	10.9793	2.28905	1
cg26398867	0.121773	0.267742	-3.73494	0.0313524	0.137537	-7.27078	0.0639768	0.194846	-5.13225	0.0697772	0.203297	-4.91891	3.74919	36.647	8.68856	1
cg15635600	0.848221	1.09657	1.09657	0.0138038	4.32444	4.32444	0.786169	0.877367	-1.13977	0.356791	0.63382	-1.57773	5.68805	20.8531	3.25877	1
cg22888752	0.313844	0.860652	-1.16191	0.580285	1.08379	1.08379	0.0598135	1.35792	1.35792	0.288361	0.853174	-1.17209	13.0502	4.28961	0.292179	1
cg21531689	0.109822	0.709495	-1.40945	0.054118	1.53787	1.53787	0.00338243	2.1917	2.1917	0.0168537	0.563198	-1.77557	12.1293	7.44729	0.545772	1
cg00244308	0.322769	0.844967	-1.18348	0.00770747	1.75885	1.75885	0.154313	1.28595	1.28595	0.0105081	0.587978	-1.70075	11.7786	5.07476	0.382974	1
cg27482168	0.429115	0.861369	-1.16094	0.0634114	1.47097	1.47097	8.97E-05	3.65377	3.65377	0.287092	1.22674	1.22674	9.89895	5.35876	0.481197	1
cg00584636	0.357211	1.62985	1.62985	0.000148627	0.0346224	-28.8831	0.599074	0.760574	-1.3148	0.480344	1.44788	1.44788	7.60612	28.4979	3.7467	1
cg13831124	0.461272	1.07765	1.07765	0.00423307	0.68267	-1.46484	0.0531522	1.24489	1.24489	0.0906303	1.20426	1.20426	4.43573	0.698295	0.139933	1
cg04215968	0.835574	1.06101	1.06101	0.52693	0.83304	-1.20042	0.619222	0.866967	-1.15345	0.880207	1.04391	1.04391	4.33791	5.57843	1.14309	1
cg05905184	0.272492	0.627826	-1.5928	0.00115225	0.14275	-7.00527	0.766887	1.12881	1.12881	0.301206	0.646252	-1.54738	3.87048	10.1819	2.33836	1
cg15609016	0.820368	1.15422	1.15422	0.372902	0.561659	-1.78044	0.878746	0.908217	-1.10106	0.108984	0.332117	-3.01099	3.48962	19.5365	5.59847	1
cg03739129	0.804714	1.01777	1.01777	0.100904	1.1363	1.1363	0.0852233	1.14491	1.14491	0.91239	0.992203	-1.00786	3.94266	0.31582	0.0712028	1
cg19935065	0.00313232	0.523643	-1.9097	3.01E-05	0.270585	-3.69569	0.0624732	1.39906	1.39906	2.35E-05	0.258498	-3.86851	30.7414	12.4887	0.361112	1
cg18278519	0.0128044	0.360286	-2.77557	0.000711981	0.182287	-5.48584	0.684323	0.873747	-1.1445	0.0152593	0.373928	-2.67431	9.72425	16.7901	1.53477	1
cg03930857	0.789693	0.92652	-1.07931	0.00236233	0.297941	-3.35637	0.0368954	0.500558	-1.99777	0.00384603	0.328843	-3.04096	4.60674	5.94728	1.14755	1
cg24949488	0.862685	1.08233	1.08233	0.309931	1.62033	1.62033	0.205222	1.85114	1.85114	0.67658	1.2115	1.2115	3.70535	11.9953	2.51789	1
cg13502903	0.818558	0.94161	-1.06201	0.0224319	2.04646	2.04646	0.723362	1.09752	1.09752	0.0744129	1.6828	1.6828	5.01339	5.4435	0.965149	1
cg25753915	0.015451	0.725643	-1.37809	0.0677823	0.80186	-1.2471	0.122267	1.19813	1.19813	0.282227	0.88638	-1.12818	3.99903	0.737821	0.164	1
cg19906608	0.528075	0.920193	-1.08673	0.00157954	0.554148	-1.80457	0.143969	0.815261	-1.2266	0.862369	0.977677	-1.02283	3.82458	1.0254	0.238318	1
cg23110891	0.522645	0.746945	-1.33879	0.30079	0.609531	-1.64061	0.995506	0.997504	-1.0025	0.59296	1.27364	1.27364	7.32863	15.4695	1.20619	1
cg22807700	0.950253	0.972254	-1.02854	0.0181295	0.274138	-3.6478	0.344783	0.644773	-1.55093	0.625666	0.801136	-1.24823	3.72841	12.0102	2.86334	1
cg15589930	0.0391044	0.68714	-1.45531	0.0249668	0.657562	-1.52077	0.436013	1.13301	1.13301	0.133114	1.28998	1.28998	3.52922	1.38029	0.347647	1
cg18800136	?	1.1427	1.1427	?	2.50982	2.50982	?	?	?	?	?	?	?	7.74144	0	1
cg07598755	0.309493	1.09512	1.09512	0.000104558	0.552983	-1.80838	0.119417	1.15719	1.15719	0.333793	0.917479	-1.08994	12.4345	1.46992	0.105079	1
cg07303450	0.24224	1.71853	1.71853	0.000113495	20.0527	20.0527	0.000293424	13.6048	13.6048	0.0124709	3.95661	3.95661	10.6025	32.8669	2.75547	1
cg05743982	0.234599	1.31617	1.31617	0.237816	1.31346	1.31346	0.783795	0.941156	-1.06252	0.314414	0.795012	-1.25784	8.94612	6.88894	0.684487	1
cg06015834	0.225799	1.41271	1.41271	0.00426549	2.82533	2.82533	0.00217225	3.21729	3.21729	0.167475	1.49133	1.49133	7.00772	8.18885	1.03871	1
cg07041748	0.0118287	1.62009	1.62009	0.304746	1.17722	1.17722	0.00239213	1.91489	1.91489	0.459883	1.12245	1.12245	6.59862	2.46275	0.331753	1
cg27151362	0.0300096	2.16315	2.16315	0.000379547	5.56257	5.56257	0.00673326	2.89222	2.89222	0.0364957	2.08487	2.08487	6.19121	8.95886	1.28625	1
cg06797385	0.377287	0.693728	-1.44149	0.218342	0.592967	-1.68644	0.807017	0.905938	-1.10383	0.227576	0.599738	-1.66739	5.819	15.0147	2.29359	1
cg03890691	0.042837	4.22794	4.22794	0.00304252	12.3174	12.3174	0.00448238	10.42	10.42	0.0978538	3.07459	3.07459	5.74477	34.8027	5.38503	1
cg16626327	0.259225	1.53241	1.53241	0.0147913	0.337013	-2.96724	0.319385	0.688554	-1.45232	0.28932	0.671082	-1.49013	4.13193	8.60613	1.85141	1
cg01283141	0.0795363	1.4611	1.4611	0.00093863	2.6161	2.6161	0.504782	1.14096	1.14096	0.825356	1.044	1.044	4.09975	2.46497	0.534444	1
cg16438655	1.08E-07	6.94139	6.94139	4.51E-05	2.39491	2.39491	0.00145595	1.6824	1.6824	0.182985	1.17335	1.17335	46.2133	9.36777	0.180184	1
cg14551002	5.02E-06	4.94299	4.94299	0.135376	0.780823	-1.2807	0.650074	1.07273	1.07273	0.0660974	1.37287	1.37287	14.7737	5.52873	0.332647	1
cg05006067	2.09E-05	6.85719	6.85719	0.00945242	2.09124	2.09124	0.00796099	2.14496	2.14496	0.024314	1.826	1.826	11.3584	9.05135	0.708343	1
cg18765366	1.42E-05	23.8983	23.8983	0.536599	1.24557	1.24557	0.0166174	2.79097	2.79097	0.234593	1.54839	1.54839	11.2271	21.8963	1.73362	1
cg21726327	0.68134	0.914254	-1.09379	0.10267	1.4736	1.4736	0.389751	0.825837	-1.21089	0.000951035	0.343212	-2.91365	5.68765	4.24641	0.663646	1
cg19910399	0.000174716	4.7441	4.7441	0.80792	1.06136	1.06136	0.0932764	1.57044	1.57044	0.198215	1.39439	1.39439	5.45161	5.16067	0.841451	1
cg24909753	0.113516	1.63314	1.63314	0.649704	0.877888	-1.1391	0.198203	0.67886	-1.47306	0.0490884	0.527358	-1.89625	5.0051	6.43116	1.14215	1
cg18016963	0.343628	1.14572	1.14572	0.0110489	1.55957	1.55957	0.639961	1.06789	1.06789	0.52508	1.09396	1.09396	4.76773	1.46809	0.273709	1
cg27607838	0.320074	0.744105	-1.3439	0.00202335	3.49909	3.49909	0.302792	0.735595	-1.35944	0.673239	1.12978	1.12978	4.24321	5.56166	1.16508	1
cg06876157	0.220341	1.24683	1.24683	1.73E-07	0.0633342	-15.7893	0.944785	1.01193	1.01193	9.09E-05	0.301913	-3.31221	45.7815	21.2506	0.412599	1
cg10004882	0.0341686	0.587187	-1.70304	5.18E-05	0.195774	-5.10793	0.00533064	0.453501	-2.20507	0.00223411	0.397614	-2.515	19.2596	14.1534	0.65322	1
cg11261261	0.0264103	1.55705	1.55705	0.0017565	2.11672	2.11672	0.855364	1.03117	1.03117	0.817228	0.961809	-1.03971	10.5408	4.72327	0.398308	1
cg11791710	0.217964	1.15848	1.15848	0.0076692	1.47549	1.47549	0.479714	1.08498	1.08498	0.0481787	1.29217	1.29217	6.87277	1.40257	0.181401	1
cg14995235	0.00826878	0.443376	-2.25542	0.070652	0.614755	-1.62666	0.361396	0.797745	-1.25353	0.0331767	0.54897	-1.82159	6.86672	6.30848	0.816626	1
cg06406458	0.12801	0.456995	-2.18821	0.000854751	0.0921719	-10.8493	0.949794	1.03042	1.03042	0.15013	0.479894	-2.08379	6.51029	23.354	3.18866	1
cg20122645	0.681752	0.941924	-1.06166	0.00150753	1.94148	1.94148	0.148828	0.798777	-1.25191	0.653304	0.936497	-1.06781	6.16644	2.05641	0.29643	1
cg05702161	0.126867	1.35038	1.35038	0.00231425	2.16902	2.16902	0.139674	1.33529	1.33529	0.225663	1.26047	1.26047	5.76445	3.02164	0.465943	1
cg19525546	0.242225	0.716428	-1.39581	0.377572	0.781389	-1.27977	0.190204	1.45936	1.45936	0.742131	1.09413	1.09413	5.41719	6.36903	1.04507	1
cg04558647	0.23374	0.828418	-1.20712	0.0170365	1.55058	1.55058	0.293804	0.848578	-1.17844	0.39197	0.87613	-1.14138	4.86872	1.7531	0.320065	1
cg13290590	0.00515106	0.512191	-1.9524	0.97464	1.00577	1.00577	0.408963	1.16526	1.16526	0.149139	0.75566	-1.32335	4.67098	2.42639	0.461743	1
cg26865494	0.0426069	2.1271	2.1271	0.00443686	3.41265	3.41265	0.00428188	3.4398	3.4398	0.089655	1.83117	1.83117	4.62994	7.6653	1.47164	1
cg10491120	0.840737	1.03522	1.03522	0.0183854	0.611343	-1.63574	0.824824	1.03887	1.03887	0.00244512	0.484184	-2.06533	4.49801	2.1081	0.416598	1
cg08872001	0.214996	0.815424	-1.22636	0.0345872	1.46993	1.46993	0.0509191	0.706352	-1.41572	0.178037	0.79953	-1.25074	4.39538	1.70129	0.344057	1
cg14117562	0.129383	1.55031	1.55031	0.00641348	2.58283	2.58283	0.803941	1.06882	1.06882	0.210237	0.702367	-1.42376	4.18119	4.74148	1.008	1
cg14954740	0.608864	0.845474	-1.18277	0.603373	1.18588	1.18588	0.724302	1.12208	1.12208	0.819344	0.928296	-1.07724	4.08693	6.84722	1.48924	1
cg03752935	0.361755	0.701872	-1.42476	0.0552234	0.440128	-2.27206	0.347545	1.44085	1.44085	0.0146371	0.321402	-3.11137	3.79062	8.56048	2.00741	1
cg00622654	0.701354	1.17268	1.17268	0.753774	1.13876	1.13876	0.899598	1.05341	1.05341	0.00270305	0.115479	-8.65955	5.15109	12.7148	1.37132	1
cg12598227	0.220762	0.644988	-1.55042	0.0580565	2.0746	2.0746	0.616268	1.18782	1.18782	0.0760157	0.510385	-1.9593	3.57281	6.56632	1.63365	1
cg17335001	0.407521	1.40112	1.40112	0.702602	0.858375	-1.16499	0.944859	0.97284	-1.02792	0.0961121	0.483143	-2.06978	3.43115	8.61171	2.23099	1
cg00623593	0.198546	1.28762	1.28762	0.0301132	1.60724	1.60724	0.212257	1.27692	1.27692	0.137753	0.74277	-1.34631	3.39351	1.86045	0.487323	1
cg11249313	0.00128204	0.76678	-1.30416	0.576489	1.03243	1.03243	0.000395984	1.37587	1.37587	0.00415475	1.24274	1.24274	14.7257	0.746208	0.0450435	1
cg19009372	0.7821	0.955974	-1.04605	1.70E-05	0.238641	-4.1904	0.281011	0.833634	-1.19957	0.00444977	0.53999	-1.85189	12.2801	5.12895	0.371256	1
cg20992319	0.993609	0.998698	-1.0013	0.0521147	1.43264	1.43264	0.335795	0.850861	-1.17528	0.00898767	0.582406	-1.71702	6.48861	2.72119	0.372781	1
cg01636561	0.997734	1.00037	1.00037	0.0112308	0.658023	-1.5197	0.229581	0.846968	-1.18068	0.053395	1.33522	1.33522	6.24273	1.71618	0.244363	1
cg13742400	0.88643	0.967202	-1.03391	0.044687	1.71229	1.71229	0.286373	1.29479	1.29479	0.00237723	0.372097	-2.68747	5.37239	4.63316	0.76658	1
cg05147330	0.0430262	1.51356	1.51356	0.946958	1.01191	1.01191	0.453372	0.872871	-1.14564	0.0190549	0.603395	-1.65729	15.6098	7.83376	0.446089	1
cg18785414	0.040926	0.249095	-4.01454	0.00243365	0.0832632	-12.0101	0.0393637	0.245571	-4.07215	0.0103527	0.149194	-6.70269	5.31125	29.1917	4.88551	1
cg05240083	0.409397	0.726919	-1.37567	0.00246622	0.20362	-4.91111	0.907592	0.957053	-1.04487	0.583666	0.811217	-1.23272	4.44887	10.069	2.01179	1
cg06130360	0.131254	0.277026	-3.60978	0.0187155	0.105951	-9.43829	0.577958	1.55704	1.55704	0.43365	0.532896	-1.87654	3.49975	34.4019	8.73763	1
cg25984344	0.118912	0.913345	-1.09488	0.0637766	0.894402	-1.11807	0.0262366	0.868313	-1.15166	0.0663455	1.11659	1.11659	70.796	3.21586	0.0403771	1
cg11094040	0.0711653	0.611919	-1.6342	0.00917461	2.23945	2.23945	0.225863	0.733512	-1.3633	0.617662	0.88459	-1.13047	5.27037	4.95652	0.835955	1
cg07070289	0.232108	1.18653	1.18653	0.00278071	1.75565	1.75565	0.8536	1.02553	1.02553	0.968157	0.994567	-1.00546	4.09901	1.20924	0.26223	1
cg05788176	0.5973	0.799674	-1.25051	0.860802	1.07637	1.07637	0.352008	1.49423	1.49423	0.482381	0.741276	-1.34903	3.66277	10.1996	2.47527	1
cg19023362	0.583907	1.08181	1.08181	0.00334498	1.76427	1.76427	0.678527	0.942462	-1.06105	0.113259	1.27768	1.27768	3.52934	1.12995	0.284587	1
cg14939821	0.677492	0.863271	-1.15839	0.0478815	0.451504	-2.21482	0.280802	1.48303	1.48303	0.0396539	0.433295	-2.3079	3.449	6.75064	1.7398	1
cg16277944	3.16E-07	1.951	1.951	2.05E-06	0.592036	-1.68909	0.000293118	1.30264	1.30264	2.72E-06	1.65703	1.65703	246.282	7.82921	0.0282574	1
cg26426470	0.00141443	0.350963	-2.8493	0.0725044	0.634981	-1.57485	0.244024	1.31815	1.31815	0.00454579	0.424587	-2.35523	24.6664	20.0652	0.723079	1
cg09175734	0.0535183	0.735202	-1.36017	0.00441011	0.586748	-1.70431	0.239894	0.841451	-1.18842	0.0641275	0.746886	-1.33889	13.8376	4.31265	0.277032	1
cg12627202	0.892268	0.97493	-1.02572	0.0100419	0.543974	-1.83832	0.794799	0.952336	-1.05005	0.162687	1.32214	1.32214	6.96326	3.87182	0.494255	1
cg26794227	0.483085	1.14732	1.14732	0.0183931	0.576094	-1.73583	0.00617758	0.502302	-1.99083	0.669998	0.920674	-1.08616	6.88484	4.05331	0.523315	1
cg27294324	0.0284545	1.56173	1.56173	0.530517	1.11576	1.11576	0.292415	1.20721	1.20721	0.257142	1.22616	1.22616	5.64519	2.65732	0.41842	1
cg07442040	0.969243	1.00904	1.00904	0.0069097	2.26192	2.26192	0.647163	1.11359	1.11359	0.300507	1.28462	1.28462	5.07117	4.37733	0.76727	1
cg21233722	0.113872	2.54055	2.54055	0.00164439	11.5086	11.5086	0.0104869	5.73191	5.73191	0.032102	3.89952	3.89952	4.62765	21.5349	4.13647	1
cg23184477	0.545153	1.17342	1.17342	0.0785698	1.66572	1.66572	0.496067	0.83485	-1.19782	0.930638	1.023	1.023	4.46158	4.81965	0.960227	1
cg14693941	0.0686359	0.531888	-1.8801	0.00781677	0.347302	-2.87934	0.0347527	0.466572	-2.14329	0.0177096	0.409238	-2.44357	4.32667	6.57487	1.35077	1
cg04730794	0.0417207	0.250957	-3.98475	0.0196899	0.190306	-5.2547	0.0507088	0.269517	-3.71035	0.100803	0.346989	-2.88193	4.28687	23.5475	4.88262	1
cg23171871	0.22864	2.29321	2.29321	0.975822	1.02011	1.02011	0.00226737	16.5341	16.5341	0.0210072	6.1949	6.1949	4.24395	29.0028	6.0746	1
cg05008366	0.751732	1.13549	1.13549	0.383045	1.43063	1.43063	0.0271999	0.351159	-2.84771	0.366262	0.689622	-1.45007	4.23178	10.742	2.25637	1
cg25076039	0.00768238	0.41385	-2.41633	0.0283559	0.513495	-1.94744	0.30629	0.761257	-1.31362	0.401712	1.24737	1.24737	3.8458	4.03991	0.933755	1
cg21131622	0.0567947	0.604895	-1.65318	0.805254	1.05929	1.05929	0.170919	0.711794	-1.4049	0.16041	0.70493	-1.41858	3.81868	3.28818	0.765403	1
cg27063969	0.029461	0.275542	-3.62921	0.00457568	0.14988	-6.672	0.159685	0.469849	-2.12834	0.16257	0.47262	-2.11586	3.73874	14.9645	3.55781	1
cg02251134	0.0768878	1.58577	1.58577	0.00154671	2.90677	2.90677	0.657723	1.11016	1.11016	0.312928	1.27714	1.27714	3.72078	3.23686	0.773279	1
cg23477774	0.417209	0.713009	-1.40251	0.00781369	0.248313	-4.02717	0.466561	0.739128	-1.35295	0.197819	0.573872	-1.74255	3.49389	9.21097	2.34339	1
cg27591502	0.80177	0.937459	-1.06671	0.167797	1.45852	1.45852	0.2214	1.39095	1.39095	0.441404	0.817474	-1.22328	4.17567	4.35886	0.927886	1
cg24110184	0.00112552	0.196546	-5.08786	7.01E-05	0.0852246	-11.7337	0.0182082	0.378046	-2.64518	0.0214891	0.391724	-2.55282	14.8989	27.1677	1.62086	1
cg18017383	0.00175657	0.276132	-3.62146	0.0453179	0.515402	-1.94023	0.00160286	0.270752	-3.69341	0.224552	0.691933	-1.44523	7.17662	9.47118	1.17309	1
cg01048561	0.0903806	1.72543	1.72543	0.796375	1.07852	1.07852	0.452147	1.25096	1.25096	0.77901	0.921056	-1.08571	7.09522	9.60227	1.20297	1
cg15322641	0.00210706	0.357715	-2.79552	0.28308	0.767089	-1.30363	0.661163	0.900454	-1.11055	0.19756	0.723387	-1.38239	6.31103	5.64922	0.795675	1
cg25959131	0.0475868	2.67361	2.67361	0.186595	0.544612	-1.83617	0.0484044	0.375748	-2.66136	0.242656	1.70013	1.70013	6.01579	17.9489	2.65212	1
cg09456445	0.0148847	0.227128	-4.40281	0.00513099	0.169484	-6.23116	0.970464	0.981844	-1.01849	0.251632	0.552832	-1.80886	5.8477	22.6819	3.4478	1
cg05811036	0.158674	1.63825	1.63825	0.528857	0.825751	-1.21102	0.0546585	1.54948	1.54948	0.218434	1.48813	1.48813	4.74117	19.0869	4.02546	1
cg05622438	0.0996531	0.654491	-1.5279	0.648324	1.1139	1.1139	0.875758	0.960379	-1.04126	0.185887	0.680409	-1.4697	5.58026	12.4606	2.23296	1
cg05301500	0.714046	1.13638	1.13638	0.614511	1.19293	1.19293	0.0503301	0.27976	-3.57449	0.0140299	0.350147	-2.85594	4.44139	8.43124	1.69888	1
cg13302785	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12687897	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04901179	0.076375	0.802015	-1.24686	0.00407607	1.53945	1.53945	1.99E-05	0.380248	-2.62986	0.286488	0.883056	-1.13243	19.1268	3.79375	0.176309	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1237 vs. N)	Fold-Change(1 vs.1237)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	F(Error
cg14408412	DOCK4	0.000062594	0.514355	1.080325	-1.15204	1.00641394	2.16616	1.23616	0.00612942	2.15015	0.0718849	1.53737	5.53E-05	0.199336	-5.01667	0.0260519	1.75996	1.75996	0.0162494	1.87592	1.87592	1.34248	0.863824	1.03743	1.03743	13.21225	9.58692	0.644071	1
cg10339775	DOCK4	0.0028979	0.895786	1.01531	1.01531	0.545655	0.931523	-1.07351	0.00126735	1.72533	1.72533	0.848023	1.0225	1.0225	0.0172395	0.7142496	-1.39998	0.006513	1.506831	1.506831	0.00086798	1.78513	1.785	1.106027	1.22717	1.22717	0.0448845	1.305958	1.305958	1.84143	0.189305	1
cg01567825	DOCK4	0.007857	0.7309855	4.79101	4.79101	0.0200987	3.37202	3.37202	0.0618385	2.48824	2.48824	0.104364	2.15877	2.15877	0.00612952	4.71277	4.71277	0.0246589	3.181651	3.181651	0.00159737	7.12068	7.12068	0.00379661	5.43252	5.43252	0.03100314	2.99707	2.99707	6.538023	18.9853	2.64502	1
cg03705962	DOCK4	0.0519367	0.591706	-1.68985	0.6832654	1.25016	0.907404	-1.10202	0.004489	1.607744	-2.45252	0.269764	0.332961	1.31276	0.00144332	1.53607	-2.97552	0.0044932	1.116267	1.116267	0.0163831	1.499199	-2.00321	0.324383	1.272516	1.272516	1.27253	0.877232	0.964055	1.037028	5.851547	5.196622	0.789412	1
cg06717068	DOCK4	0.0118938	0.746049	0.876185	-1.14049	0.982327	0.991079	-1.009	0.256901	1.61398	1.613182	1.92964	1.929964	1.000505854	0.110946	-9.01339	0.599765	1.23888	1.23888	0.0345152	0.368846	-2.71116	0.26642	1.59752	1.59752	0.123664	0.509362	-1.96324	5.5896	14.4886	2.30405	1
cg04136894	DOCK4	0.0260811	0.0243723	0.403587	-2.47378	0.3631551	1.37176	1.37176	0.436079	0.764148	-1.30833	0.985313	0.993794	-1.00625	0.00146769	2.015179	-4.72636	0.722082	1.12838	1.12838	0.123429	0.568712	-1.75836	0.893697	0.95379	-1.04626	0.0261402	0.400626	-2.44125	4.2934	7.77805	1.61034	1
ch.7.2377667F	DOCK4	0.0291686	0.0339261	0.410686	-2.43495	0.0187316	0.359198	-2.78398	0.0348335	0.43132	-2.42061	0.0171109	0.351859	-2.84205	0.0428173	2.31152	2.31152	0.686714	1.15688	1.15688	0.26715	0.66002	-1.51511	0.8562127	1.06736	1.06736	0.2636664	0.657847	-1.52011	4.12776	8.4446	1.8185	1
cg22831478	DOCK4	0.0305403	0.171145	0.4409124	-2.44784	0.104618	0.27355	2.973552	0.229846	2.16999	2.16999	0.647422	0.6549326	-1.52689	0.0063711	0.11434	-8.74586	0.199132	2.30143	2.30143	0.1654825	0.159734	-5.10923	0.206097	0.440708	-2.26907	0.0016113	0.192514	-3.00799	9.400998	24.2754	5.31352	1
cg14401494	DOCK4;ZNF277	0.000153232	0.0141998	0.649341	-1.54053	0.197641	0.848597	-1.17842	0.0103585	0.786585	-1.47344	0.0055125	0.56241	-1.55242	0.00134808	0.449092	2.22671	2.83E-05	0.370672	2.6978	0.00136515	0.571083	-1.75106	0.0453082	0.31894	-3.13184	0.0127486	0.688613	-1.45219	19.7431	45.5449	0.204605	1
cg24481633	DOCK4;ZNF277	0.00296416	7	7	7	0.0144814	3.55385	3.55385	0.0194582	3.18951	3.18951	7	7	7	7	7	7	0.973021	0.989016	-1.01111	7	7	7	0.00110801	0.0763059	-13.1051	7	7	7	30.4746	19.9207	0.653681	1
cg10214045	DOCK4;ZNF277	0.00599849	0.00687596	0.3382572	-2.95633	0.0187284	2.026497	2.026497	0.0137365	2.45295	2.45295	0.310382	0.7224439	-1.3842	0.0572666	1.94681	1.94681	0.559204	0.832841	1.20071	0.00312422	0.286004	-3.49645	0.0001	0.0001	1.11213	0.8344497	1.06695	1.06695	0.0001	1.97397	10.5448	1.35066	1
cg08188776	DOCK5	0.0031623	0.929722	0.97503	-1.02561	0.347818	0.75798	-1.31933	0.0011469	0.254045	-3.93637	8.30E-05	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	-1.64233	0.0001	1
cg19076265	DOCK5	0.0003991	0.000202	0.2314336	-4.32193	0.5212101	0.859568	-1.16337	2.61E-05	0.1441	4.93961	0.021327	0.02319	0.000429	0.0001	0.057145	-1.44727	0.0030788	0.402879	0.402879	0.0001	0.057145	-1.44727	0.0030788	0.402879	0.402879	0.0001	0.057145	-1.44727	0.0030788	0.402879	0.402879	0.0001	1
cg13734972	DOCK5	0.000567778	0.4845217	1.15603	1.15603	0.0756664	1.49715	1.49715	0.481892	1.15707	1.15707	0.9307932	0.67815	-1.47415	0.640498	0.908469	-1.65446	0.965162	-1.03612	0.934536	0.906888	-1.10267	5.53E-06	8.18467	8.12067	0.812915	0.952764	-1.04958	13.7944	9.10058	0.386424	1
cg15812469	DOCK5	0.00059006	0.00378575	0.574502	-1.742	0.671651	1.06245	1.062445	0.0911412	1.30262	0.104561	1.643722	1.346181	1.32062	0.0104551	1.650183	1.650183	0.013037	0.645722	1.54865	0.0031596	0.514834	-1.94237	0.000121329	2.59546	2.59546	0.3613555	0.875752	-1.14188	13.6473	4.36332	0.284196	1
cg23677311	DOCK5	0.0035205	0.0135688	0.410626	-2.4353	0.317902	0.714253	-1.95706	0.0076006	0.510883	0.238048	-4.18505	0.788247	0.545552	-1.0816	0.00152779	0.344641	-2.7357	0.008357	0.660768	0.0001	0.230102	-4.34665	0.376617	2.65522	0.00166783	0.154393	-6.47698	0.0001	0.0001	0.030228	0.475177	0.145398	13.25297	1.19539	1
cg21624551	DOCK5	0.00285665	0.0576005	0.566737	-1.76449	0.00908331	0.416135	-2.40306	0.00295158	0.339789	-2.94301	0.825967	1.05997	1.05997	0.173864	0.682068	-1.46613	0.00279793	0.336387	-2.97277	0.00017911	0.18673	-5.35534	0.0206528	0.478504	-2.08985	0.5506	-1.8163	0.852394	-1.17317	8.683321	9.581891	0.984663	1
cg20237126	DOCK5	0.00296148	0.0074057	0.237132	-4.21707	0.0176707	2.35016	2.35016	0.0183778	0.303195	-3.29821	0.0814995	0.4468893	-2.23762	0.00393231	0.195924	-5.1099	0.529631	0.764496	-1.30771	0.00031481	0.064668	-13.0786	0.0491861	0.392381	-2.54854	0.595882	0.675254	-1.48093	8.59104	23.6751	2.44959	1
cg27185995	DOCK5	0.0986118	0.0903935	0.6180807	1.101108	-9.89042	0.0123882	1.158111	-1.04766	0.08897748	0.178057	-5.61619	0.00184083	0.100554	-9.94625	0.0218223	0.229457	-4.17611	0.0020222	0.104215	-9.59557	0.123567	0.420524	-2.37799	0.0151176	0.204422	-4.89383	7.26436	31.0302	3.79694	1
cg25489617	DOCK5	0.00520025	0.553546	0.79412	-1.25926	0.964296	1.01737	1.01737	0.00165709	0.177036	-5.64855	0.004313	0.23043	-4.33971	0.00257734	0.200457	-4.9886	0.968879	0.985106	-1.01512	0.00259092	0.200748	-4.98137	0.0598915	0.441947	-2.26272	0.0192149	0.336363	-2.97298	7.25104	16.9904	2.08282	1
cg08170583	DOCK5	0.00593213	0.19064	0.51709	-1.94287	0.0036207	0.15151	-6.60016	0.00413855	0.166662	-6.22425	0.124503	0.406538	-2.45938	0.00398313	0.20507	-4.87646	0.167751	0.494284	-2.02313	0.00342555	0.068315	-14.5706	0.3038	0.608738	-1.66001	0.0223431	0.269294	-3.71342	9.07155	25.3604	5.23352	1
cg22630875	DOCK5	0.00931935	0.113235	0.557558	-1.79353	0.265011	1.48248	1.48248	0.352627	1.388293	1.388293	0.752382	0.898279	-1.11324	0.780771	0.909771	-1.09918	0.0150931	0.363447	-2.75143	0.259454	0.170679	-5.85991	0.0004009	0.036032	0.636832	0.3853018	0.739443	-1.35237	0.68898	11.0777	1.61716	1
cg24805985	DOCK5	0.00932138	0.0033290	0.2967734	-3.37014	0.0124266	0.0859568	0.0859568	0.0099126	0.136692	0.136692	0.0001	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	1
cg25981676	DOCK5	0.013925	0.009755	0.208084	-4.80574	0.611933	1.27855	1.27855	0.02047	0.260629	-3.83687	0.0162651	0.243806	-4.10162	0.00243753	0.131843	-7.58479	0.287761	0.588538	-1.69913	0.00611306	0.179299	-5.57729	0.349148	0.629441	-1.58871	0.204809	0.525919	-1.90143	5.30925	19.3981	3.24768	1
cg00157012	DOCK5	0.01479621	0.167808	0.586906	-1.70385	0.599206	1.121596	1.07115	0.0711	0.241045	0.247914	-4.03166	0.316481	0.687013	-1.45558	0.0089473	0.299421	0.339778	0.638535	0.842391	-1.18711	0.174344	0.592272	-1.68841	0.520418	0.2044	-4.89158	10.8304	1.84987	1
cg20036377	DOCK5	0.0155313	0.23619	0.79048	-1.26497	0.0016242	0.0859951	-1.16429	0.00464298	0.210728	-4.74602	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	-7.31465	0.0001	1
cg03458012	DOCK5	0.0395107	0.347696	0.528843	-1.89092	0.0119479	0.126618	-7.89778	0.0266092	0.177038	-5.6485	0.119229	0.328228	-3.04666	0.0597561	0.246675	-4.05392	0.558603	0.677235	-1.47659	0.00510532	0.0873253	-11.4514	0.0401599	0.209651	-4.76984	0.0769796	0.2737	-3.65364	3.69986	25.4384	6.11157	1
cg07153196	DOCK5	0.206-05	0.24887	1.4258	1.4258	0.37414	0.20428	1.62408	0.57342	1.4258	1.4258	0.84563	1.07047	1.15786	1.1702	1.17706	1.31909	1.16444	0.0644557	0.81543	1.1265	0.1564882	1.16482	0.2851	0.2851	1.1265	0.1564882	1.16482	0.2851	0.2851	1.1265	0.1564882	1.16482	0.2851	1
cg21640601	DOCK6	3.68E-05	4.01E-06	0.31103	-3.21513	0.125304	1.19833	0.19833	0.0380769	0.707157	-1.29979	0.348775	1.11093	1.11093	0.196	0.899857	-1.08-06	0.298401	0.3512	0.698785	0.958481	-1.04332	0.765956	0.0001	0.0001	0.782581	1.03066	1.030066	0.782581	0.0001	0.0001	0.782581	1.03066	0.782581	1
cg00469473	DOCK6	0.00117123	0.000165499	0.276268	-3.61967	0.000985994	0.374756	-2.6684	0.00015021	0.271285	-3.68516	0.305047	0.8082637	-1.23721	0.0671434	0.682843	-1.50865	0.344482	0.986139	-1.01406	0.2417153	0.7822561	-1.27835	0.0259937	0.588848	-1.69823	0.5204661	0.87761	-1.13946	1.12494	7.15626	0.565463	1
cg15800776	DOCK6	0.00242182	0.0079787	0.3583	-2.79104	0.28457	1.06457	1.064571	0.0001	0.0001	-7.30234	0.0001	-7.30234	-1.44878	0.01287	0.381257	-2.62203	0.0245206	0.476146	0.1577	0.0152626	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg11631610	DOCK6	0.00376289	0.235679	1.61604	1.61604	0.26777	1.56183	1.56183	0.76423	0.89033	-1.12318	0.152276	0.80807	0.80807	0.00377252	0.209977	4.52536	0.726823	0.873113	-1.14507	0.000408784	0.114775	8.724934	0.00477766	0.23535	-4.24899	0.22088	0.68033	1.634386	7.99822	18.8957	2.09999	1
cg19806062	DOCK6	0.0065588	0.1963316	0.807	-1.23916	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg11595059	DOCK6	0.0107276	0.370851	0.698354	-1.43194	0.0661196	0.4469	-2.23764	0.241745	0.619557	-1.61406	0.803389	1.10237	1.10237	0.0110824	2.2880277	3.4713	0.161611	0.316481	-3.15974	0.000591106	0.125773	-7.95084	0.0178971	0.324857	-3.07828	0.79096	1.10938	1.10938	5.77897	13.9723	2.14914	1
cg12019614	DOCK6	0.0120617	0.572127	0.685156	-1.45952	0.529843	0.65226	-1.53313	0.121865	0.53188	0.08288	0.174672	2.63617	2.63617	0.455575	0.600347	-1.6657	0.982231	1.01506	1.01506	0.978967	1.01786	0.1045079	0.132192	-7.55333	0.000620334	34.3375	34.3375	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg03133198	DOCK6	0.00232907	0.0078734	-1.75704	0.0024266	0.099655	-1.08564	0.0771249	0.3829	2.62165	0.232094	0.34828	1.82373	0.0054806	0.14742	0.3486	-2.87413	0.750159	0.930027	-1.07524	0.0419659	0.587307	-1.70269	0.906729	1.02697	1.02697	0.0531177	0.607149	-1.64704	4.21472	3.44169	0.725856	1
cg07638854	DOCK6	0.0043614	0.0951811	0.65571	-1.52571	0.0136768	0.389694	-2.56612	0.0044852	0.305727	-3.27088	0.350471	0.743048	-1.34581	0.0197232	0.4111	-2.43191	0.149631	0.482	0.663254	0.0001	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg24181266	DOCK6	0.0309733	0.250271	0.449731	-2.22355	0.934407	0.946722	-1.0568	0.278938	0.903585	-1.1067	0.370618	1.84321	1.84321	0.0001	0.0001	-7.30234	0.308658	0.496174	-2.01412	0.300262	0.480691	-2.0421	0.659003	0.774871	-1.34251	0.00774737	30.0572	30.0572	0.0001	0.0001	0.0001	1
cg06870470	DOCK6	0.022888	0.0182107	0.234213	-4.26962	0.0757557	0.367578	-2.72051	0.208849	0.511301	-1.95579	0.0359751	0.290757	-3.4393	0.0133655	0.211923	-4.7187	0.20297	0.50636	-1.97488	0.0079685	0.178656	-5.59735	0.0130539	0.2103	-4.75511	0.104182	0.406775	-2.45836	3.95488	16.0589	3.60935	1
cg17929920	DOCK6;LOC55908	0.00764428	0.0714217	0.4911	-2.03647	0.413574	0.598433	-1.67098	0.0178474	0.568424	-1.75922	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg24181266	DOCK6	0.0309733	0.250271	0.449731	-2.22355	0.934407	0.946722	-1.0568	0.278938	0.903585	-1.1067	0.370618	1.84321	1.84321	0.0001	0.0001	-7.30234	0.308658	0.496174	-2.01412	0.300262	0.480691	-2.0421	0.659003	0.774871	-1.34251	0.00774737	30.0572	30.0572	0.0001	0.0001	0.0001	1
cg06870470	DOCK6	0.022888	0.0182107	0.234213	-4.26962	0.0757557	0.367578	-2.72051	0.208849	0.511301	-1.95579	0.0359751	0.290757	-3.4393	0.0133655	0.211923	-4.7187	0.20297	0.50636	-1.97488	0.0079685	0.178656	-5.59735	0.0130539	0.2103	-4.75511	0.104182	0.406775	-2.45836	3.95488	16.0589	3.60935	1
cg17929920	DOCK6;LOC55908	0.00764428	0.0714217	0.4911	-2.03647	0.413574	0.598433	-1.67098	0.0178474	0.568424	-1.75922	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg18770980	DOCK6;LOC55908	0.0187886	0.176784	0.4911	-2.03647	0.413574	0.598433	-1.67098	0.0178474	0.568424	-1.75922	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg01097102	DOCK7	0.003318	0.45895	0.828643	-1.20679	0.01353	0.14221	2.14221	0.33409	1.28188	1.28188	0.400041	1.23953	1.23953	0.129076	1.50504	1.50504	0.001422	0.316445	-3.16011	0.209526	0.791953	-1.39052	0.410523	1.2334	1.2334	0.000747039	0.279317	-3.58017	8.3053	8.17283	0.874711	1
cg16991569	DOCK7	0.00730055	0.0373246	0.472628	-2.11563	0.0314077	0.370637	-2.69806	0.0195403	0.424122	-2.35655	0.0556531	0.568211	-1.76029	0.0178236	0.658328	-1.519	0.464198	0.76496	-1.30756	0.0001	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg11960552	DOCK7	0.0105299	0.870165	1.05086	1.05086	0.128771	0.607849	2.454114	0.0139533	0.586362	-1.73266	0.272213	1.11205	1.11205	0.757647	0.910415	1.0994	0.007305	0.374641	2.67053	0.029907	0.402826	2.17002	0.573349	0.842285	1.18725	0.0034781	0.32881	1.83562	3.40755	1.2947	1
cg10776104	DOCK7	0.0206422	0.0387648	0.353262	-2.83076	0.0179739	0.286489	-3.49054	0.234045	0.581138	-1.72017	0.412131	1.43972	1.43972	0.0880573	0.44111	-2.26701	0.06261651	0.401325	-2.49175	0.0102973	0.245186	-4.07854	0.0625496	2.4876	2.4876	0.0335839	0.339813	-2.9428	4.65423	13.9356	2.6615	1
cg13876553	DOCK8	0.0208383	0.0098356	0.3202703	-3.12203	0.0805634	0.134126	-7.45388	0.0135883	0.123323	0.00404071	0.457661	-1.28103	0.0001	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg00489863	DOCH;Chr6p16	3.28E-07	0.279745	0.1891901	-1.1212	0.764692	0.10103	0.10103	3.23E-06	0.30794	3.07094	0.002775556	1.83614	1.83614	0.8743353	1.01624	1.01624	0.601128	1.05517	1.05517	0.000636099	1.70597	1.705	0.734-09	14.463	14.463	0.360038	1.09916	1.09916	97.3652	15.9832	0.145918	1
cg19205719	DOCH;Chr6p16	5.30E-05	0.248455	0.737284	-1.35633	0.6125861	1.15277	1.1377	0.0001	0.0001	1.49406	0.010701	0.24892	2.2489	0.0001	0.0001	0.7190646	-1.3531	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg08090157	DOCH;Chr6p16;Chr6p16	0.0314656	0.0209141	0.33944	-2.94777	0.0365123	0.267718	-2.77641	0.260404	0.615758	-1.63758	0.172681	0.543475	1.84001	0.0956203	0.44111	-2.26702	0.0985941	2.14049	2.14049	0.0655594	0.226587	-4.41332	0.981207	0.990152	-1.00995	0.4410368	0.718861	-1.39119	4.0118	11.2342	2.48531	1
cg08599355	DOCK9;DOCK9	0.00155765	0.000107747	0.202733	-4.9326	0.185655	0.720349	-1.38822	0.00258041	0.376666	-2.65487	0.189378	0.722572	-1.38395	0.0250043	0.536294	-1.86465	0.009001	0.466905	-2.14176	0.176157	0.754526	-1.39953	0.00954504	0.46728	-2.14004	0.00488025	0.41808	-2.39189	0.87691	7.76224	0.769067	1
cg04836038	DOCK9;DOCK9	0.0183679	0.1304617	0.6145	-1.62715	0.1351	0.0807452	-1.23785	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg21600784	DOCK9;DOCK9	0.0190812	0.672964	0.914169	-1.09389	0.0392309	0.60393	-1.65582	0.0127127	0.519684	-1.92425	0.13695	0.712734	-1.40305	0.0011883	0.366198	-2.73076	0.924574	0.980182	-1.02022	0.569091	0.12935	1.12935	0.71966	0.926645	-1.07916	0.2059992	0.32577	1.32577	4.78017	3.38278	0.62904	1
cg18642369	DOCK9;DOCK9	0.0434618	0.860864	1.05571	1.05571	0.0136768	0.389694	-2.56612	0.0044852	0.305727	-3.27088	0.350471	0.743048	-1.34581	0.0197232	0.4111	-2.43191	0.128753	1.40673	1.40673	0.663254	0.0001	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg11462993	DOCK9;DOCK9;DOCK9	0.0032124	0.224888	0.734055	-1.3623	0.663031	1.11295	1.11295	0.629906	1.12497	1.12497	0.00272821	0.366587	-2.72786	8.62E-05	0.180984	5.52535	0.009162	0.63762	1.56833	0.0793284	0.6235	0.698024	1.42455	0.0046771	0.550328	1.8171	0.385979	2.178502	0.828131	1
cg24122364	DOCK9;DOCK9;DOCK9	0.0222127	0.9546609	0.982908	-1.01739	0.812529	0.93057	-1.07461	0.0195089	0.425269	-2.35145	0.859775	0.947852	-1.05502	0.0011729	0.23633	-4.23137	0.384678	1.3099	1.3099	0.359623	1.33012	1.33012	0.878052	1.0476	1.0476	0.0337243	0.471862	-2.11927	4.53893	6.5943	1.29141	1
cg24232444	DOCK9;DOCK9;DOCK9	0.0032124	0.0363301	0.3202703	-3.12203	0.0805634	0.134126	-7.45388	0.0135883	0.123323	0.00404071	0.457661	-1.28103	0.0001	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	-7.30234	0.0001	1
cg17792882	DOHH;DOHH	0.00076945	0.0577609	0.483315	-2.06904	0.00195449	0.119654	-8.35743	0.00185012	0.223621	-4.47185	0.270576	1.47514	1.47514	0.000381466	0.126233	6.8384	0.464561	0.777042	-1.28693	0.000190683	0.118739	-8.42182	0.151692	0.594205	-1.68292	0.118114	0.562681	-1.77721	13.1189	23.8632	1.61688	1
cg15544101	DOHH;DOHH	0.00142439	0.1799985	0.63077	-1.58546	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg13966771	DOHH;DOHH	0.00425639	0.0068304	0.212418	-4.70771	0.0175135	0.278479	-3.59093	0.890676	0.941008	-1.06269	0.621953	1.24576	1.24576	0.000706891	0.114107	8.76373	0.387886	0.676187	1.47888	0.000682554	0.100825	-9.91815	0.0431676	0.357532	-2.79695	0.0210982	0.293376	3.4

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05258214	DOM3Z;STK19;STK19;STK19	0.0160253	0.914502	0.975604	-1.02501	0.538861	1.15384	1.15384	0.570153	0.876363	-1.14108	0.168365	0.713493	-1.40156	0.811174	0.946444	-1.05659	0.316767	0.788189	-1.26873	0.000233289	0.245651	-4.07081	0.423062	1.20705	1.20705	0.817994	1.05444	1.05444	5.06833	4.24551	0.744582	1
cg16021182	DONSON	0.00132443	0.0075128	0.732986	-1.36428	0.457864	1.07064	1.07064	0.18165	1.13657	1.13657	0.725245	0.968643	-1.03237	0.551757	0.947091	-1.05586	0.0484139	0.815787	-1.22581	0.152797	1.14826	1.14826	0.0268106	1.26722	1.26722	5.53E-05	1.96876	1.96876	10.861	1.40219	0.114758	1
cg08911536	DONSON	0.00374332	0.0727677	0.633883	-1.57758	0.00280221	0.391411	-2.55486	0.188828	0.728278	-1.3731	0.0120561	0.490161	-2.04015	0.192659	0.730498	-1.36893	0.0294717	0.557701	-1.79308	0.000865689	3.12249	3.12249	0.274127	0.771688	-1.29586	0.271254	0.77039	-1.29804	8.01076	6.58107	0.730248	1
cg21481755	DONSON	0.0040567	0.00770525	0.757114	-1.3208	0.0657157	1.18274	1.18274	0.0371169	1.21736	1.21736	0.0547846	0.837755	-1.19367	0.00257413	1.40444	1.40444	0.0723182	1.17702	1.17702	0.018387	1.26172	1.26172	0.0105428	1.29888	1.29888	0.285878	1.09426	1.09426	7.81923	0.817915	0.0929805	1
cg08701609	DONSON	0.0118593	0.952843	1.00351	1.00351	0.714873	1.02196	1.02196	0.00298763	1.27265	1.27265	0.364232	0.946302	-1.05674	0.242435	1.0751	1.0751	0.180086	0.919183	-1.08792	0.00319469	1.26908	1.26908	0.135985	1.09977	1.09977	0.00882144	1.21821	1.21821	5.59485	0.310502	0.0493313	1
cg15447829	DONSON	0.0265406	0.0589616	0.69521	-1.43842	0.131384	0.75757	-1.32001	0.714556	1.06462	1.06462	0.362463	1.17299	1.17299	0.822508	0.962425	-1.03904	0.0909249	0.728006	-1.37362	0.00328501	0.505176	-1.97951	0.00582918	0.540398	-1.85049	0.920705	0.98317	-1.01712	4.26725	1.96385	0.409079	1
cg10277546	DONSON;DONSON	0.0161408	0.799875	1.02811	1.02811	0.298014	1.12496	1.12496	0.30498	1.12293	1.12293	0.789401	1.02965	1.02965	0.0172689	1.37241	1.37241	0.699345	0.958528	-1.04327	0.000788706	0.574803	-1.73973	0.272169	0.882715	-1.13287	0.510349	1.0756	1.0756	5.05623	0.953965	0.167708	1
cg26187942	DOPEY1	0.00255679	0.223866	0.832835	-1.20072	0.0322408	0.698378	-1.43189	0.00430729	0.579035	-1.72701	0.00590659	0.597171	-1.67456	0.000124173	0.383763	-2.60578	0.689101	1.05926	1.05926	0.330136	1.15472	1.15472	0.0972807	0.770673	-1.29757	0.0162032	0.656395	-1.52347	8.9725	2.91192	0.288479	1
cg00081666	DOPEY1	0.00507294	0.000593425	1.63404	1.63404	0.446376	1.07452	1.07452	0.0917683	1.18756	1.18756	0.578323	0.949336	-1.05337	0.0633618	1.21329	1.21329	0.0142926	0.755973	-1.3228	0.259736	1.11501	1.11501	0.00343693	1.44482	1.44482	0.22011	1.12681	1.12681	7.30621	0.992164	0.120709	1
cg24225493	DOPEY1	0.0162957	0.0179835	0.480752	-2.08007	0.0191938	0.485834	-2.05831	0.66424	0.894695	-1.1177	0.457176	1.21278	1.21278	0.00297626	0.354027	-2.82464	0.00874963	0.427033	-2.34174	0.0162724	0.473027	-2.11404	0.719967	0.912361	-1.09606	0.293524	0.75759	-1.31998	5.04018	5.18166	0.913842	1
cg26270738	DOPEY1	0.0388748	0.365902	0.890907	-1.12245	0.172701	1.19776	1.19776	0.121583	1.23208	1.23208	0.385028	1.11711	1.11711	0.0468216	1.3271	1.3271	0.0609556	1.30034	1.30034	0.0174815	0.697889	-1.43289	0.537813	1.08066	1.08066	0.0751873	0.781634	-1.27937	3.72197	0.91149	0.217684	1
cg19478280	DOPEY2	0.0027562	0.265276	0.830033	-1.20477	0.180309	1.25646	1.25646	0.217767	1.23128	1.23128	0.503436	0.89677	-1.11511	5.18E-05	0.296762	-3.3697	0.0752704	0.727742	-1.37411	0.139579	1.2906	1.2906	0.944676	1.0112	1.0112	0.309804	0.844809	-1.1837	8.7758	3.57873	0.362484	1
cg12502297	DOPEY2	0.0184173	0.215017	0.699738	-1.42911	0.552458	1.1787	1.1787	0.0331231	0.505877	-1.97677	0.0973249	0.607903	-1.645	0.00137485	0.28089	-3.56012	0.0247908	0.481421	-2.07718	0.00844443	0.398503	-2.50939	0.838626	0.945743	-1.05737	0.258295	0.724204	-1.38083	4.83765	5.73399	1.05359	1
cg17783640	DOT1L	6.75E-05	1.13E-05	0.289369	-3.4558	0.878571	1.02054	1.02054	0.967584	0.994609	-1.00542	0.310091	1.14994	1.14994	0.00670933	0.626467	-1.59625	0.00257014	0.573477	-1.74375	6.13E-06	0.260129	-3.84425	0.274504	1.16327	1.16327	0.0194321	0.686715	-1.45621	24.5903	6.89037	0.249072	1
cg10798655	DOT1L	0.00014292	0.00102909	0.506755	-1.97334	0.000447418	2.16817	2.16817	0.390417	1.13087	1.13087	0.562335	1.08531	1.08531	0.196368	0.826206	-1.21035	7.21E-06	0.250451	-3.9928	0.266064	0.850481	-1.1758	0.303333	0.861574	-1.16067	0.0402787	0.718124	-1.39252	20.1173	6.22249	0.274943	1
cg02092181	DOT1L	0.000168842	0.00819815	0.431286	-2.31864	0.638592	0.889042	-1.12481	0.00140689	0.316749	-3.15708	0.0304952	0.531462	-1.8816	1.90E-05	0.115178	-8.68224	0.000708728	0.277316	-3.606	3.90E-05	0.141156	-7.08436	0.134745	0.669721	-1.49316	0.000681481	0.275144	-3.63446	19.2329	18.8276	0.87016	1
cg07675780	DOT1L	0.00031975	0.135037	0.793402	-1.2604	0.0900058	1.30789	1.30789	0.112775	0.78039	-1.28141	0.460287	0.897641	-1.11403	5.83E-06	0.231373	-4.32202	0.762785	1.04444	1.04444	0.00563742	1.68517	1.68517	0.242506	0.838872	-1.19208	0.281662	0.851533	-1.17435	16.1653	5.28262	0.290477	1
cg24417237	DOT1L	0.000655248	2.06E-05	0.451234	-2.21615	0.550338	1.05753	1.05753	0.0178534	1.30542	1.30542	0.0675832	0.827328	-1.20871	0.0470024	1.23423	1.23423	0.0423754	0.805411	-1.2416	0.127585	0.858552	-1.16475	0.181704	1.14023	1.14023	0.0859103	0.838887	-1.19206	13.2538	1.79864	0.120629	1
cg08477574	DOT1L	0.00409698	0.00429588	0.446726	-2.23851	0.520303	0.871526	-1.14741	0.00441216	0.448465	-2.22983	0.00683074	0.477417	-2.09461	0.000276503	0.284762	-3.5117	0.018001	0.54528	-1.83392	0.264701	0.782474	-1.278	0.537716	0.876629	-1.14073	0.0262959	0.573465	-1.74378	7.79596	5.49764	0.626837	1
cg00455546	DOT1L	0.0042063	0.656121	0.91459	-1.09339	0.036609	0.616417	-1.62228	0.201818	0.764529	-1.308	0.0008544	0.368612	-2.71288	0.0296948	0.600604	-1.66499	0.00252524	0.433745	-2.3055	0.590303	0.897378	-1.11436	0.914603	1.0216	1.0216	0.000639824	0.351969	-2.84116	7.7342	4.86118	0.558693	1
cg01501406	DOT1L	0.00504197	0.00544124	0.445881	-2.24275	0.355463	0.810636	-1.2336	0.18446	0.732782	-1.36466	0.00022137	0.257011	-3.89089	0.00391758	0.424211	-2.35732	0.0308388	0.571203	-1.75069	0.839929	1.04568	1.04568	0.972483	0.992411	-1.00765	0.328234	0.80021	-1.24967	7.31989	5.65507	0.686722	1
cg08527435	DOT1L	0.00622082	0.224429	0.748778	-1.33551	0.00995407	0.478076	-2.09172	0.0205688	0.531292	-1.88221	0.845304	1.04528	1.04528	0.00298023	0.397018	-2.51878	0.00232001	0.381184	-2.6234	0.0019106	0.369129	-2.70908	0.0285226	0.556605	-1.79661	0.0392187	0.582217	-1.71757	6.86208	5.58595	0.723584	1
cg01971579	DOT1L	0.00703283	0.901437	0.982227	-1.01809	0.00253326	1.89669	1.89669	0.00470246	1.76737	1.76737	0.0138681	0.63429	-1.57657	0.656301	1.06704	1.06704	0.247031	1.1929	1.1929	0.836943	1.03028	1.03028	0.593044	0.924794	-1.08132	0.0130852	0.630565	-1.58588	7.58649	2.46375	0.252587	1
cg03272089	DOT1L	0.00790354	0.171409	0.760837	-1.31434	0.00068056	0.377362	-2.64997	0.0216279	0.595883	-1.67818	0.331014	1.20717	1.20717	0.0498072	0.657045	-1.52197	0.0438272	1.54483	1.54483	0.162123	0.755641	-1.32338	0.321892	1.21178	1.21178	0.0930891	0.706951	-1.41453	6.3684	3.55401	0.496061	1
cg08044294	DOT1L	0.0132548	0.0460623	1.89496	1.89496	0.175197	0.668223	-1.49651	0.224902	0.700177	-1.42821	0.270418	0.725522	-1.37832	0.00281116	0.316337	-3.16119	0.104268	0.608611	-1.64309	0.223143	0.699133	-1.43034	0.0791121	1.72478	1.72478	0.0321407	2.01732	2.01732	5.3958	6.6814	1.10068	1
cg02776867	DOT1L	0.0140623	0.918142	0.962536	-1.03892	0.0186639	2.88349	2.88349	0.163231	1.73805	1.73805	0.248828	1.56476	1.56476	0.00226265	0.20456	-4.88854	0.0126667	0.316321	-3.16135	0.429079	0.740936	-1.34964	0.668541	1.17349	1.17349	0.667753	0.85181	-1.17397	5.29215	11.5636	1.94226	1
cg05345285	DOT1L	0.0169459	0.0254374	1.96636	1.96636	0.58123	1.15238	1.15238	0.334103	1.28868	1.28868	0.553017	1.16508	1.16508	0.0671313	0.593098	-1.68606	0.87101	0.959473	-1.04224	0.026427	1.95442	1.95442	0.00102763	3.45066	3.45066	0.972678	1.00876	1.00876	4.97478	5.1067	0.91246	1
cg05298026	DOT1L	0.0174165	0.205973	0.738872	-1.35341	0.109202	0.672864	-1.48619	0.400952	0.822819	-1.21533	0.970897	1.00831	1.00831	0.000293753	0.26231	-3.81228	0.0418629	0.587416	-1.70237	0.06873	0.629937	-1.58746	0.413585	0.827288	-1.20877	0.276094	0.773372	-1.29304	4.92937	4.0172	0.724403	1
cg06426736	DOT1L	0.0193339	0.132416	0.703178	-1.42212	0.000928752	0.342238	-2.92194	0.027017	0.566748	-1.76445	0.92898	0.980852	-1.01952	0.0211291	0.548081	-1.82455	0.0211304	0.548086	-1.82453	0.486784	0.857921	-1.16561	0.894657	1.02915	1.02915	0.74552	0.931809	-1.07318	4.75893	3.54512	0.662169	1
cg03090351	DOT1L	0.0228323	0.00526481	0.322686	-3.09899	0.723414	0.900788	-1.11014	0.0148027	2.48684	2.48684	?	?	?	?	?	?	?	?	?	0.865092	0.951251	-1.05125	0.527804	0.82832	-1.20726	0.172386	0.6499	-1.5387	5.30094	4.73164	1.04137	1
cg06678890	DOT1L	0.0270246	0.957433	0.976451	-1.02412	0.0163366	0.269626	-3.70884	0.0672824	0.400313	-2.49804	0.868493	1.07679	1.07679	0.0104904	0.237388	-4.21252	0.0826821	0.423985	-2.35857	0.00739696	0.214232	-4.66784	0.223592	1.76984	1.76984	0.166937	0.517954	-1.93067	4.24031	13.3869	2.80628	1
cg18300770	DOT1L	0.0283609	0.900218	0.978828	-1.02163	0.332077	1.18614	1.18614	0.136026	1.31527	1.31527	0.946797	1.01145	1.01145	0.426807	1.14845	1.14845	0.0677795	1.41768	1.41768	0.000527231	2.51251	2.51251	0.90242	0.979293	-1.02114	0.766936	0.950561	-1.05201	4.16892	1.92144	0.409685	1
cg05265569	DOT1L	0.0303627	0.00445443	0.425325	-2.35114	0.111755	1.47741	1.47741	0.0457219	1.67559	1.67559	0.92307	0.97847	-1.022	0.108509	0.674015	-1.48365	0.323847	0.794845	-1.25811	0.239865	1.31959	1.31959	0.353189	0.806326	-1.24019	0.130076	0.691794	-1.44552	4.06942	3.2727	0.714861	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03774868	DPP10	0.00871787	0.111256	1.45829	1.45829	0.879404	1.03357	1.03357	0.000602851	0.316501	-3.15955	0.696429	0.918272	-1.089	0.34789	1.23389	1.23389
cg19211931	DPP10	0.00938083	0.0699094	0.364517	-2.74335	0.833489	0.90048	-1.11052	0.0657986	0.35773	-2.79541	0.0185815	4.14169	4.14169	0.0114712	0.207018	-4.8305
cg01622385	DPP10	0.0104724	0.0697011	0.504184	-1.9834	0.246834	0.664441	-1.50503	0.129853	0.575577	-1.73739	0.119722	1.76812	1.76812	0.0183961	0.380755	-2.62636
cg21887373	DPP10	0.0104981	0.139958	0.478992	-2.08772	0.168656	0.506694	-1.97358	0.0224158	0.281427	-3.55331	0.211776	1.83987	1.83987	0.00174869	0.126458	-7.90777
cg12517410	DPP10	0.0106388	0.00097717	0.216425	-4.62053	0.628956	1.1641	1.1641	0.265066	0.695948	-1.43689	0.00192317	0.254013	-3.9368	0.0837663	0.550337	-1.81707
cg19651219	DPP10	0.014365	0.0578163	0.348104	-2.8727	0.0634325	0.358117	-2.79238	0.0657232	0.362028	-2.76222	0.0837573	2.56398	2.56398	0.0103695	0.204253	-4.8959
cg13003527	DPP10	0.0188359	0.494156	0.80398	-1.24381	0.500386	0.806583	-1.2398	0.0209428	0.417675	-2.39421	0.0118801	0.372774	-2.68259	0.274827	1.42908	1.42908
cg13026994	DPP10	0.0369398	0.017023	0.26297	-3.80272	0.124141	2.1477	2.1477	0.160875	0.5028	-1.98886	0.0659541	0.387877	-2.57814	0.00612401	0.19355	-5.16662
cg08001014	DPP10	0.045704	0.469319	1.56379	1.56379	0.23268	0.467619	-2.13849	0.836504	1.13372	1.13372	0.143873	2.59525	2.59525	0.245423	0.478129	-2.09149
cg15726040	DPP10	0.0482149	0.0129251	0.19124	-5.22902	0.0203915	0.223486	-4.47456	0.0652934	0.329799	-3.03215	0.111041	0.394288	-2.53622	0.156731	0.443967	-2.25242
cg06119201	DPP10;DPP10	2.78E-05	6.30E-05	2.04253	2.04253	0.00184169	1.53536	1.53536	0.000349305	1.7459	1.7459	6.92E-05	2.02354	2.02354	0.0499599	0.80516	-1.24199
cg16863522	DPP10;DPP10	0.00486462	0.917245	0.973223	-1.02751	0.0148173	2.18786	2.18786	0.919106	0.97382	-1.02688	0.729988	1.0947	1.0947	0.000523948	0.243735	-4.10281
cg00611227	DPP10;DPP10	0.00818191	0.0125332	0.153836	-6.50042	0.400422	0.595236	-1.68	0.0416281	0.242746	-4.11953	0.413829	0.604401	-1.65453	0.0570341	0.273111	-3.66152
cg19508823	DPP10;DPP10	0.0139496	0.00559785	0.530836	-1.88382	0.00183557	0.45795	-2.18365	0.206044	0.79933	-1.25105	0.13998	0.765308	-1.30666	0.993798	0.998706	-1.0013
cg05667379	DPP10;DPP10	0.0192396	0.0217787	0.421554	-2.37218	0.0302363	0.449653	-2.22394	0.286638	0.706732	-1.41496	0.207365	0.658959	-1.51754	0.0289118	0.445724	-2.24354
cg01718116	DPP10;DPP10	0.0264443	0.0173795	0.677967	-1.475	0.252708	0.851875	-1.17388	0.912533	1.01485	1.01485	0.00345013	0.586895	-1.70388	0.0378074	0.723816	-1.38157
cg18759990	DPP10;DPP10	0.026716	0.240651	0.779778	-1.28242	0.0132725	1.8615	1.8615	0.0514755	1.56662	1.56662	0.695912	0.923545	-1.08278	0.0575815	0.647378	-1.54469
cg26842423	DPP10;DPP10	0.0346833	0.038831	0.227765	-4.39049	0.186243	0.420343	-2.37901	0.148038	0.382995	-2.611	0.252825	0.477736	-2.09321	0.0144526	0.155038	-6.45004
cg21678377	DPP10;DPP10	0.0383038	0.264251	1.22538	1.22538	0.841854	0.965709	-1.03551	0.0668657	1.43166	1.43166	0.881676	0.97432	-1.02636	0.016194	0.598248	-1.67155
cg06828936	DPP10;DPP10	0.0416511	0.115846	0.613493	-1.63001	0.489995	0.818358	-1.22196	0.39556	1.28239	1.28239	0.197243	0.67728	-1.47649	0.0702314	0.560718	-1.78343
cg06394103	DPP10;DPP10	0.0462517	0.587457	1.14749	1.14749	0.00644315	0.410727	-2.43471	0.316614	0.771039	-1.29695	0.807128	1.06336	1.06336	0.172109	1.44056	1.44056
cg06434874	DPP3;DPP3	8.89E-06	1.61E-06	0.179524	-5.57027	0.00787841	0.615713	-1.62413	6.81E-05	2.82006	2.82006	0.917651	1.01482	1.01482	2.72E-05	0.307968	-3.24709
cg14058869	DPP3;DPP3	0.000533597	0.02418	0.662133	-1.51027	0.204894	0.814497	-1.22775	0.000498984	0.433692	-2.30578	0.347268	1.16004	1.16004	0.00304964	0.536592	-1.86361
cg19933833	DPP3;DPP3	0.0131643	0.365041	1.15394	1.15394	0.252059	1.20209	1.20209	0.141161	1.27564	1.27564	0.0853248	0.746306	-1.33993	0.178634	0.802662	-1.24585
cg27388792	DPP3;DPP3	0.0250506	0.352573	0.84466	-1.18391	0.356745	1.18209	1.18209	0.00280773	2.06802	2.06802	0.0599127	0.687549	-1.45444	0.0401745	1.51957	1.51957
cg10160539	DPP4	0.0012416	0.270959	0.785461	-1.27314	0.000869428	0.349013	-2.86522	0.00342843	0.432711	-2.31101	0.438139	0.846511	-1.18132	0.000995044	2.80199	2.80199
cg08318371	DPP4	0.00274707	0.15865	0.692914	-1.44318	0.00945185	0.448982	-2.22726	0.00240197	0.357135	-2.80006	0.505942	0.848471	-1.17859	0.00215934	0.350482	-2.85321
cg15353603	DPP4	0.0075592	0.0376387	0.322771	-3.09817	0.583058	0.771083	-1.29688	0.0235873	0.281477	-3.55269	0.207772	0.536405	-1.86426	0.00572453	0.182906	-5.46729
cg20053454	DPP4	0.0323211	0.0835525	1.43224	1.43224	0.492152	0.87735	-1.1398	0.211643	0.781296	-1.27992	0.213654	0.782232	-1.27839	0.714593	0.933431	-1.07132
cg10112391	DPP4	0.0468756	0.116092	4.38185	4.38185	0.30254	2.5193	2.5193	0.972153	0.970252	-1.03066	?	?	?	0.365434	0.44731	-2.23559
cg10507402	DPP4;DPP4	0.00900541	0.824173	1.07967	1.07967	0.0182143	0.32304	-3.09559	?	?	?	0.205905	1.6093	1.6093	0.212243	1.59687	1.59687
cg25912827	DPP4;DPP4	0.0403521	0.617475	0.889232	-1.12457	0.935362	1.01909	1.01909	0.680376	1.1014	1.1014	0.00297109	0.386535	-2.58709	0.00619868	0.435122	-2.29821
cg09601770	DPP4;DPP4	0.0463469	0.113415	1.66663	1.66663	0.0134228	0.403414	-2.47884	0.488166	0.81153	-1.23224	0.0453233	0.506198	-1.97551	0.248354	0.699197	-1.43021
cg16251205	DPP6	0.000436752	0.653962	1.12543	1.12543	0.000768383	0.263413	-3.79632	0.000355647	0.222825	-4.48783	0.455549	0.819526	-1.22022	0.0655831	0.582074	-1.71799
cg22340526	DPP6	0.00309078	0.0738333	0.500289	-1.99884	0.0005667	0.156242	-6.40032	0.00214145	0.223388	-4.47651	0.169741	0.601495	-1.66252	0.853185	0.937642	-1.06651
cg05751344	DPP6	0.0042108	0.996688	0.999231	-1.00077	0.000219412	0.319189	-3.13294	0.0512055	0.662567	-1.50928	0.445514	1.15509	1.15509	0.187051	0.771614	-1.29598
cg22620221	DPP6	0.00595634	0.000985761	2.59085	2.59085	0.80682	0.953493	-1.04878	0.38221	0.840126	-1.1903	0.523262	0.881832	-1.134	0.0016148	0.415303	-2.40788
cg15383397	DPP6	0.0117303	0.397065	0.837544	-1.19397	0.000499183	0.328458	-3.04453	0.130264	0.715988	-1.39667	0.157561	1.362	1.362	0.350992	0.821815	-1.21682
cg05521981	DPP6	0.0156647	0.0796138	1.5502	1.5502	0.836937	0.954625	-1.04753	0.776195	1.06633	1.06633	0.54772	1.14692	1.14692	0.00441459	2.35432	2.35432
cg05989672	DPP6	0.017314	0.665726	0.944019	-1.0593	0.692853	1.05403	1.05403	0.217811	1.18747	1.18747	0.0797191	1.29402	1.29402	0.361661	1.13233	1.13233
cg13765278	DPP6	0.0229768	0.988449	1.00393	1.00393	0.0175583	0.457176	-2.18734	0.440862	1.23723	1.23723	0.112455	1.59683	1.59683	0.65842	1.12806	1.12806
cg22449370	DPP6	0.027082	0.17687	0.49617	-2.01544	0.0650013	0.363635	-2.75001	0.0720962	0.375275	-2.66471	0.151773	0.472497	-2.11641	0.744551	0.852464	-1.17307
cg22482235	DPP6	0.045041	0.0767638	0.409908	-2.43957	0.00972305	0.227219	-4.40105	0.116213	0.461401	-2.16731	0.287044	0.605996	-1.65017	0.453353	0.707444	-1.41354
cg18940047	DPP6;DPP6	0.000508345	1.61E-05	0.0907379	-11.0207	0.0927354	0.607043	-1.64733	0.80365	1.06953	1.06953	0.295671	0.746307	-1.33993	0.888834	1.03846	1.03846
cg09124223	DPP6;DPP6	0.000585512	0.184472	0.694106	-1.4407	0.00191935	0.320019	-3.12482	0.00213037	0.326425	-3.06349	3.16E-05	0.122039	-8.19408	0.00396188	0.366015	-2.73213
cg07621660	DPP6;DPP6	0.000680005	0.016579	0.67569	-1.47997	0.68301	0.946483	-1.05654	0.0367502	1.38408	1.38408	0.0499547	0.741196	-1.34917	1.83E-05	0.310142	-3.22433
cg27494858	DPP6;DPP6	0.00114854	0.0803526	0.653903	-1.52928	0.0922601	1.50053	1.50053	0.202689	0.744883	-1.34249	0.232986	1.31506	1.31506	2.08E-05	0.152502	-6.55729
cg18883476	DPP6;DPP6	0.00291057	0.000202462	0.00855715	-116.861	0.0825918	0.23025	-4.3431	0.0748305	0.21965	-4.55269	?	?	?	0.00255988	0.0409473	-24.4216
cg14523847	DPP6;DPP6	0.00345227	0.290713	1.14071	1.14071	0.0567242	0.771867	-1.29556	0.45308	0.912315	-1.09611	0.0330877	1.34873	1.34873	0.961599	1.0058	1.0058
cg27032232	DPP6;DPP6	0.0039091	0.626061	0.789106	-1.26726	0.972762	0.983667	-1.0166	0.403894	1.50977	1.50977	0.0653151	2.71266	2.71266	0.0590424	2.79608	2.79608
cg05673425	DPP6;DPP6	0.00504717	0.478051	0.921145	-1.08561	0.821425	0.974584	-1.02608	0.015021	0.711476	-1.40553	0.143435	1.19607	1.19607	0.000178864	0.485432	-2.06002
cg18562989	DPP6;DPP6	0.00690662	0.601011	0.874455	-1.14357	0.000729618	0.246993	-4.04869	0.175396	0.691173	-1.44682	0.0216055	0.486179	-2.05685	0.00233258	0.319784	-3.12711
cg12423311	DPP6;DPP6	0.025394	0.134989	0.607625	-1.64575	0.0259946	0.441761	-2.26367	0.142186	0.613946	-1.62881	0.568703	0.836852	-1.19495	0.0077012	0.346923	-2.88249
cg01444677	DPP6;DPP6	0.0338495	0.0131005	0.268964	-3.71796	0.176778	0.541858	-1.8455	0.0676315	0.417401	-2.39578	0.26283	0.60762	-1.64576	0.172616	0.538242	-1.8579
cg25154270	DPP6;DPP6	0.049979	0.181969	0.79081	-1.26453	0.176709	0.788276	-1.26859	0.734758	0.945222	-1.05795	0.29132	0.834103	-1.19889	0.00456908	0.534939	-1.86937
cg24073950	DPP6;DPP6;DPP6	0.000108277	0.561691	0.927813	-1.0778	0.00836083	1.53768	1.53768	0.0443137	1.34308	1.34308	0.0761991	1.28649	1.28649	4.15E-06	0.256376	-3.90053
cg06002683	DPP6;DPP6;DPP6	0.000565846	0.239225	0.671153	-1.48997	0.0351392	2.21228	2.21228	0.303656	1.41155	1.41155	0.363892	0.739425	-1.3524	0.299335	0.706095	-1.41624
cg21389309	DPP6;DPP6;DPP6	0.000636259	0.0349243	0.434424	-2.3019	0.825397	1.07782	1.07782	0.0171886	2.67723	2.67723	0.691526	1.14485	1.14485	0.00337081	0.258576	-3.86734
cg07365299	DPP6;DPP6;DPP6	0.000691847	0.363318	1.25561	1.25561	0.34454	1.26771	1.26771	0.00657794	0.423227	-2.3628	0.0182568	2.00984	2.00984	0.000204014	0.219405	-4.55777
cg09933929	DPP6;DPP6;DPP6	0.00141738	0.686163	1.12499	1.12499	0.396351	1.28638	1.28638	0.0461857	0.515654	-1.93928	0.131421	1.60349	1.60349	2.08E-05	0.0828667	-12.0676
cg16680167	DPP6;DPP6;DPP6	0.00142635	0.0013637	0.399566	-2.50271	0.137448	1.37129	1.37129	0.799044	0.950894	-1.05164	0.288555	0.804557	-1.24292	0.000177976	0.285483	-3.50283
cg00128425	DPP6;DPP6;DPP6	0.00508399	0.842052	0.967995	-1.03306	0.398666	1.15129	1.15129	0.33308	0.849776	-1.17678	0.0317502	0.663366	-1.50746	0.000876212	0.443292	-2.25585
cg07227743	DPP6;DPP6;DPP6	0.00557595	0.346349	0.762892	-1.3108	0.0272483	0.482288	-2.07345	0.19646	0.683067	-1.46399	0.000790597	0.242847	-4.11783	0.0031518	0.324297	-3.08359
cg08771408	DPP6;DPP6;DPP6	0.00730116	0.432975	1.14992	1.14992	0.430882	1.15069	1.15069	0.307673	0.831644	-1.20244	0.054694	0.683537	-1.46298	0.000134809	0.315274	-3.17184
cg10860802	DPP6;DPP6;DPP6	0.0129493	0.0131863	0.451316	-2.21574	0.189318	1.43332	1.43332	0.572252	0.862647	-1.15922	0.0783511	0.602724	-1.65913	0.000548224	0.249106	-4.01435
cg19555191	DPP6;DPP6;DPP6	0.0141543	0.142556	0.698337	-1.43197	0.0252304	0.545419	-1.83345	0.22686	0.74899	-1.33513	0.915504	1.02447	1.02447	0.0841366	0.647065	-1.54544
cg01181150	DPP6;DPP6;DPP6	0.0186078	0.463647	1.1088	1.1088	0.450262	0.898968	-1.11239	0.569465	0.923491	-1.08285	0.537132	1.09037	1.09037	0.298342	1.16096	1.16096
cg20166931	DPP6;DPP6;DPP6	0.0186794	0.00915198	0.215105	-4.64889	0.0607216	0.374741	-2.66851	0.257705	0.577936	-1.7303	0.0195085	0.269682	-3.70808	0.00464801	0.174197	-5.74062
cg11300568	DPP6;DPP6;DPP6	0.0197037	0.667567	0.857903	-1.16563	0.00104885	0.179056	-5.58485	0.150637	0.579011	-1.72708	0.246897	0.650845	-1.53647	0.986931	0.994207	-1.00583
cg13989810	DPP6;DPP6;DPP6	0.0219896	0.973427	1.01134	1.01134	0.000770722	5.60216	5.60216	0.0191722	2.6094	2.6094	0.18521	1.6088	1.6088	0.558834	1.22148	1.22148
cg20739526	DPP6;DPP6;DPP6	0.02211	0.0387302	3.93067	3.93067	0.0155115	5.46118	5.46118	0.240624	2.01881	2.01881	0.350694	1.732	1.732	0.0584245	3.39665	3.39665
cg05640128	DPP6;DPP6;DPP6	0.02393	0.44415	0.54655	-1.82966	0.327662	2.18688	2.18688	0.334052	2.16313	2.16313	0.372803	0.492357	-2.03105	0.660577	0.710207	-1.40804
cg09134205	DPP6;DPP6;DPP6	0.0233732	0.0297885	0.155132	-6.44613	0.316038	0.46982	-2.12847	0.409972	1.84786	1.84786	0.74314	1.27078	1.27078	0.016569	0.11851	-8.4381
cg07915562	DPP6;DPP6;DPP6	0.0281976	0.01125	0.255217	-3.91824	0.0152462	0.277625	-3.60198	0.0482876	0.378891	-2.63928	0.198476	0.557423	-1.79397	0.00693156	0.222536	-4.49366
cg01620739	DPP6;DPP6;DPP6	0.0284365	0.0267538	2.97668	2.97668	0.0182724	3.28915	3.28915	0.198388	1.75939	1.75939	0.405	1.42495	1.42495	0.119845	2.0166	2.0166
cg03472695	DPP6;DPP6;DPP6	0.0320618	0.194017	1.23886	1.23886	0.212913	0.815072	-1.22689	0.493413	0.897252	-1.11451	0.858815	0.972627	-1.02814	0.588237	1.08894	1.08894
cg07590961	DPP6;DPP6;DPP6	0.0325787	0.473418	0.576342	-1.73508	0.672388	1.37912	1.37912	0.114353	3.66158	3.66158	0.743485	0.780233	-1.28167	0.73892	0.77664	-1.2876
cg03276000	DPP6;DPP6;DPP6	0.0338237	0.915087	0.944674	-1.05857	0.293143	0.55881	-1.78952	0.828952	0.89096	-1.12239	0.995277	0.996847	-1.00316	0.000858204	0.0691494	-14.4614
cg13345683	DPP6;DPP6;DPP6	0.034491	0.0293116	0.0869661	-11.4987	0.357693	0.406646	-2.45914	0.831794	1.22426	1.22426	0.47345	2.0009	2.0009	0.0207366	0.0707302	-14.1382
cg11978700	DPP6;DPP6;DPP6	0.0359454	0.819976	0.938994	-1.06497	0.00602244	0.371233	-2.69372	0.0307657	0.49629	-2.01495	0.231889	0.707342	-1.41374	0.406333	0.790902	-1.26438
cg25042586	DPP6;DPP6;DPP6	0.0373966	0.166578	0.891965	-1.12112	0.569426	0.95641	-1.04558	0.0196385	1.24422	1.24422	0.058858	1.17987	1.17987	0.338917	1.0794	1.0794
cg02550425	DPP6;DPP6;DPP6	0.0378341	0.0143697	1.28152	1.28152	0.0592912	1.19126	1.19126	0.149396	1.13549	1.13549	0.980055	0.997947	-1.00206	0.0392477	1.21662	1.21662
cg11999800	DPP6;DPP6;DPP6	0.0470298	0.731177	0.93756	-1.0666	0.614511	1.09959	1.09959	0.0128553	0.561275	-1.78166	0.853076	1.03527	1.03527	0.412348	0.854964	-1.16964
cg13725124	DPP6;DPP6;DPP6	0.0472845	0.417148	0.754735	-1.32497	0.00531099	0.28748	-3.47851	0.0432627	0.454316	-2.20111	0.422148	1.32081	1.32081	0.0303353	0.421501	-2.37247
cg13544851	DPP6;DPP6;DPP6;DPP6	0.0189096	0.621235	0.709448	-1.40955	0.0312316	5.70941	5.70941	0.26527	2.22589	2.22589	0.615227	0.705189	-1.41806	0.575846	0.677353	-1.47634
cg14423485	DPP7	0.000400338	0.597201	0.952428	-1.04995	1.73E-05	0.447139	-2.23644	0.937435	0.99285	-1.0072	0.0509603	0.816113	-1.22532	0.000270144	0.579288	-1.72626
cg05534636	DPP7	0.00835023	0.359072	0.843229	-1.18592	0.000808709	0.401018	-2.49365	0.00245387	0.466774	-2.14237	0.104171	0.725256	-1.37882	0.0165837	0.58913	-1.69742
cg22419075	DPP7	0.0467139	0.441842	1.11774	1.11774	0.233244	0.837446	-1.19411	0.0342189	0.704205	-1.42004	0.213211	0.830226	-1.20449	0.412416	0.887856	-1.12631
cg25457200	DPP8;DPP8;DPP8	0.0442636	0.0279795	0.212061	-4.71563	0.0533036	0.269459	-3.71114	0.340265	0.555959	-1.79869	0.824068	1.14225	1.14225	0.0105945	0.146589	-6.8218
cg23731617	DPP8;DPP8;DPP8;DPP8	0.000196733	0.000184616	1.67075	1.67075	0.00197878	0.701124	-1.42628	0.00200105	0.701592	-1.42533	0.0944407	0.861253	-1.1611	0.147826	1.13446	1.13446
cg15890574	DPP8;DPP8;DPP8;DPP8	0.000272108	0.925419	1.01644	1.01644	0.0455727	0.670842	-1.49066	0.0192114	0.610619	-1.63768	0.0275751	0.635276	-1.57412	0.00048339	0.385586	-2.59345
cg18202577	DPP8;DPP8;DPP8;DPP8	0.00302669	0.670264	0.908987	-1.10013	0.238918	0.759728	-1.31626	0.536702	1.14956	1.14956	0.138316	1.42691	1.42691	0.0305157	0.567576	-1.76188
cg22198615	DPP8;DPP8;DPP8;DPP8	0.0040923	0.250846	1.93796	1.93796	0.457439	0.658833	-1.51783	0.336405	0.578927	-1.72733	0.269579	1.88513	1.88513	0.000351075	0.0421022	-23.7517
cg01451277	DPP8;DPP8;DPP8;DPP8	0.00824222	0.00040226	0.155066	-6.44885	0.00158499	0.222717	-4.49001	0.799253	0.919062	-1.08807	0.101245	0.55192	-1.81186	0.447038	0.773617	-1.29263
cg08484839	DPP8;DPP8;DPP8;DPP8	0.0130542	0.203731	0.788359	-1.26846	0.599611	0.910371	-1.09845	0.480138	0.880524	-1.13569	0.119784	0.741406	-1.34879	0.12994	1.3364	1.3364
cg25130390	DPP8;DPP8;DPP8;DPP8	0.0141512	0.0866992	0.845722	-1.18242	0.240938	0.896986	-1.11485	0.00799472	1.35126	1.35126	0.613846	1.04609	1.04609	0.00154652	0.668176	-1.49661
cg06993413	DPP8;DPP8;DPP8;DPP8	0.0254584	0.0149605	0.537708	-1.85975	0.163663	0.734732	-1.36104	0.0613896	0.645937	-1.54814	0.51874	0.87314	-1.14529	0.00212114	0.408318	-2.44907
cg07626637	DPP8;DPP8;DPP8;DPP8;DPP8;DPP8;DPP8	0.0298633	0.128481	0.77203	-1.29529	0.267493	1.19949	1.19949	0.452597	0.886483	-1.12805	0.00929049	0.594698	-1.68153	0.0345888	0.678403	-1.47405
cg22561727	DPP9	0.0021784	0.0387616	0.608072	-1.64454	0.339764	0.815042	-1.22693	0.976156	1.00623	1.00623	0.000433391	0.314533	-3.17931	0.0658266	0.651117	-1.53582
cg01098142	DPP9	0.00443354	0.000867089	3.48582	3.48582	0.0726974	1.64912	1.64912	0.714454	0.912282	-1.09615	0.0945054	1.58278	1.58278	0.0848726	0.62123	-1.60971
cg22521640	DPP9	0.00538547	0.106783	0.668915	-1.49496	0.00668544	0.447797	-2.23316	0.0781577	0.639605	-1.56346	0.31601	0.789203	-1.2671	0.952734	1.01363	1.01363
cg10344433	DPP9	0.0057074	0.494652	0.899398	-1.11185	0.40608	0.878136	-1.13878	0.000100344	0.348333	-2.87082	0.725146	0.94746	-1.05545	0.234316	0.82645	-1.20999
cg09508448	DPP9	0.0103699	0.103061	1.47501	1.47501	0.045468	0.606539	-1.6487	0.205199	0.747277	-1.33819	0.132631	1.42427	1.42427	0.157337	0.719226	-1.39038
cg00347026	DPP9	0.0106803	0.694487	0.923572	-1.08275	0.713583	0.928439	-1.07708	0.808846	0.952358	-1.05003	0.678671	1.08753	1.08753	0.668519	1.09063	1.09063
cg10373574	DPP9	0.0139727	0.463189	0.939432	-1.06447	0.00537559	0.735885	-1.35891	0.158576	0.881527	-1.1344	0.0322971	1.23336	1.23336	0.616937	0.958682	-1.0431
cg00491603	DPP9	0.0141885	0.228198	0.851296	-1.17468	0.010623	1.50524	1.50524	0.916206	0.986693	-1.01349	0.775462	0.964252	-1.03707	0.10525	0.798273	-1.2527
cg22519738	DPP9	0.0211559	0.544092	1.14776	1.14776	0.0642096	0.627031	-1.59482	0.222374	0.749897	-1.33352	0.958078	0.988271	-1.01187	0.686537	1.09533	1.09533
cg15544596	DPP9	0.0238292	0.643375	0.831553	-1.20257	0.0256052	0.350222	-2.85533	0.0527761	0.418531	-2.38931	0.813889	1.09779	1.09779	0.00896693	0.268489	-3.72455
cg25730440	DPP9	0.0335532	0.546608	0.867126	-1.15323	0.00139758	2.94999	2.94999	0.8988	1.03018	1.03018	0.656677	0.900732	-1.11021	0.906619	1.0278	1.0278
cg03775330	DPP9	0.0423772	0.610535	0.896894	-1.11496	0.27754	0.787228	-1.27028	0.87413	0.966972	-1.03416	0.0055829	0.462519	-2.16207	0.0079824	0.486576	-2.05518
cg16928393	DPPA2	5.53E-06	2.16E-07	0.055798	-17.9218	0.0886015	0.707432	-1.41356	0.362396	0.84157	-1.18825	0.000271607	0.332971	-3.00327	3.43E-06	0.133412	-7.49557
cg09821685	DPPA2	4.98E-05	7.58E-07	0.125504	-7.96786	0.816695	1.03684	1.03684	0.192086	0.806418	-1.24005	0.345851	0.859614	-1.16331	0.053857	0.711006	-1.40646
cg07480440	DPPA2	5.53E-05	1.90E-05	0.15301	-6.53551	0.397488	0.829329	-1.20579	0.000122826	0.235174	-4.25218	0.00483743	0.446083	-2.24173	0.917944	1.02251	1.02251
cg21105590	DPPA2	0.000526201	3.37E-05	0.284139	-3.51941	0.0210794	0.647712	-1.54389	0.100061	0.754195	-1.32592	0.301982	0.845852	-1.18224	7.40E-05	0.323814	-3.08819
cg17216301	DPPA2	0.000550243	0.000218294	0.194781	-5.13397	0.000103229	0.16152	-6.19117	0.00518672	0.375624	-2.66223	0.625711	1.13935	1.13935	0.0015553	0.299047	-3.34396
cg18992201	DPPA2	0.00104875	0.000195335	0.31178	-3.20739	0.431733	0.861343	-1.16098	0.0767843	1.4421	1.4421	0.113236	1.37798	1.37798	0.176446	1.30645	1.30645
cg11759378	DPPA2	0.00611235	0.000159144	0.0750856	-13.3181	0.131333	0.520287	-1.92202	0.407447	0.711856	-1.40478	0.165087	0.552151	-1.8111	0.327008	0.666406	-1.50059
cg01895333	DPPA2	0.0118423	0.000667359	0.158868	-6.29452	0.127598	1.78963	1.78963	0.745492	0.891314	-1.12194	0.468961	0.770831	-1.2973	0.184637	0.608304	-1.64391
cg08491661	DPPA2	0.0126064	0.000655363	0.300484	-3.32796	0.175617	0.717786	-1.39317	0.3283	0.792699	-1.26151	0.00875819	0.463574	-2.15715	0.374199	0.810575	-1.23369
cg15286037	DPPA2;DPPA2	0.0114184	0.00100479	0.143953	-6.9467	0.035046	0.377214	-2.65101	0.0715473	0.449858	-2.22292	0.102998	0.492582	-2.03012	0.0202195	0.328988	-3.03962
cg06761873	DPPA3	9.55E-07	0.140923	0.7328	-1.36463	0.00120642	0.394261	-2.53639	2.42E-05	0.191867	-5.21193	0.000418979	0.333542	-2.99812	5.93E-08	0.0265751	-37.6292
cg01044476	DPPA3	2.89E-06	0.708446	0.942832	-1.06063	0.00260661	1.92228	1.92228	0.028011	0.665802	-1.50195	1.07E-05	0.229387	-4.35944	1.09E-07	0.0685703	-14.5836
cg22205501	DPPA3	0.00455943	0.313278	1.5183	1.5183	0.737029	1.14447	1.14447	0.174134	0.560531	-1.78402	0.993894	1.00307	1.00307	0.166889	0.5543	-1.80408
cg20927656	DPPA3	0.0246353	0.0353297	0.205086	-4.87602	0.0440153	0.224024	-4.4638	0.0160425	0.148785	-6.72109	0.180236	0.398557	-2.50905	0.00879952	0.115728	-8.64092
cg00157864	DPPA3	0.0297543	0.0240997	0.679284	-1.47214	0.413615	1.12767	1.12767	0.0490019	0.723882	-1.38144	0.193779	1.21856	1.21856	0.29276	0.854775	-1.1699
cg17723761	DPPA3	0.0323434	0.830338	0.929345	-1.07603	0.684831	0.869926	-1.14952	0.599744	0.834582	-1.1982	0.864457	1.06008	1.06008	0.20734	0.635041	-1.5747
cg08284151	DPPA3;DPPA3	0.00143987	0.622252	0.93089	-1.07424	0.014739	0.648658	-1.54165	0.00109413	0.49928	-2.00288	0.801513	0.964325	-1.03699	0.000370738	0.439708	-2.27424
cg18560366	DPPA4	0.000295557	3.19E-06	0.0478368	-20.9044	0.940454	0.979638	-1.02079	0.2988	0.743371	-1.34522	0.379466	0.780138	-1.28182	0.845362	0.947648	-1.05524
cg21750709	DPPA4	0.000404039	0.000344058	0.318063	-3.14403	0.113519	0.710088	-1.40828	0.316978	1.22834	1.22834	0.138589	1.37299	1.37299	4.96E-05	0.219911	-4.54728
cg07253829	DPPA4	0.000453463	1.10E-05	0.0703762	-14.2093	0.253346	0.713002	-1.40252	0.149305	0.645036	-1.5503	0.0475572	0.525931	-1.90139	0.645342	1.14043	1.14043
cg14836960	DPPA4	0.000809346	0.101194	0.74057	-1.35031	0.00232266	2.0375	2.0375	0.054799	1.43976	1.43976	0.215815	1.24356	1.24356	0.000933065	2.28573	2.28573
cg26441097	DPPA4	0.00628658	0.000224272	0.228656	-4.37338	0.61042	1.13143	1.13143	0.905628	0.9719	-1.02891	0.0645095	1.64722	1.64722	0.34485	1.26342	1.26342
cg12443195	DPPA4	0.00700657	0.000147262	0.114075	-8.76616	0.283126	0.690142	-1.44898	0.0157688	0.373898	-2.67452	0.830961	0.931378	-1.07368	0.537207	0.812388	-1.23094
cg00487142	DPPA4	0.0184784	0.000503661	0.0830773	-12.037	0.444767	0.700206	-1.42815	0.485009	0.722812	-1.38349	0.67734	0.825779	-1.21098	0.598456	1.27521	1.27521
cg16783571	DPPA5	4.36E-05	7.34E-05	0.222099	-4.5025	0.390729	0.832321	-1.20146	0.0137164	1.88894	1.88894	0.804657	1.05308	1.05308	0.000163929	0.261481	-3.82436
cg13422261	DPPA5	0.00383432	0.118269	0.867983	-1.1521	0.00732561	1.33458	1.33458	0.917867	0.991426	-1.00865	0.000565155	0.640145	-1.56215	0.181872	0.88843	-1.12558
cg15414745	DPPA5	0.00804942	0.357734	1.39359	1.39359	0.832753	0.928483	-1.07703	0.02668	0.397919	-2.51307	0.58414	0.823692	-1.21405	0.00121984	0.190004	-5.26305
cg02931604	DPPA5	0.0386379	0.0604174	1.89725	1.89725	0.0628298	1.88333	1.88333	0.26777	0.705298	-1.41784	0.066117	1.86534	1.86534	0.0502591	1.96402	1.96402
cg09596027	DPRX	0.000358881	9.68E-05	0.165175	-6.05417	0.855942	0.953897	-1.04833	0.0067228	0.40138	-2.4914	0.0102804	0.431708	-2.31638	8.36E-05	0.159048	-6.28742
cg17961932	DPRX	0.00152348	0.0205621	0.415623	-2.40603	0.731228	1.11462	1.11462	0.00197257	0.252579	-3.95916	7.38E-05	0.103575	-9.65485	0.00165682	0.24253	-4.12321
cg00591471	DPRX	0.00357048	0.000412584	0.185958	-5.37757	0.195689	1.50775	1.50775	0.0364178	0.482023	-2.07459	0.623858	1.15987	1.15987	0.00133166	0.246579	-4.05549

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03774868	0.285604	0.785705	-1.27274	0.00569943	2.19997	2.19997	0.96606	0.99079	-1.0093	0.484131	1.16722	1.16722	6.17439	4.62442	0.665749	1
cg19211931	0.881831	0.928609	-1.07688	0.0223985	0.256058	-3.90536	0.0139967	4.53153	4.53153	0.109994	2.38087	2.38087	6.03239	23.6894	3.4907	1
cg01622385	0.0187912	0.38249	-2.61445	0.365402	0.730552	-1.36883	0.00264792	4.07155	4.07155	0.62343	1.18183	1.18183	5.82384	10.512	1.60443	1
cg21887373	0.994301	0.996695	-1.00332	0.0015802	0.122111	-8.18929	0.0873958	0.416996	-2.3981	0.184949	0.521179	-1.91873	5.81926	19.8	3.02444	1
cg12517410	0.954361	1.01802	1.01802	0.0298114	0.450274	-2.22087	0.0436898	0.484975	-2.06196	0.319651	0.725466	-1.37842	5.79444	8.93787	1.3711	1
cg19651219	0.0553043	0.343409	-2.91198	0.159486	0.477288	-2.09517	0.0181218	4.10383	4.10383	0.422012	1.4971	1.4971	5.25519	20.1466	3.40769	1
cg13003527	0.0351285	0.462419	-2.16254	0.0967128	1.77357	1.77357	0.00495315	0.31058	-3.21978	0.634701	0.860357	-1.16231	4.80111	7.50875	1.39019	1
cg13026994	0.460879	1.41149	1.41149	0.195537	0.533417	-1.87471	0.175848	0.516459	-1.93626	0.288532	0.603009	-1.65835	3.79211	12.6578	2.96705	1
cg08001014	0.848916	1.1228	1.1228	0.00508204	9.48123	9.48123	0.040959	4.18993	4.18993	0.0434739	4.09678	4.09678	3.50507	20.4769	5.19294	1
cg15726040	0.0309102	0.257045	-3.89037	0.262986	0.534936	-1.86938	0.00923203	0.170084	-5.87946	0.26038	0.532949	-1.87635	3.43516	15.6352	4.04579	1
cg06119201	1.65E-05	2.36013	2.36013	0.00751775	1.39581	1.39581	2.44E-05	2.25749	2.25749	0.0547594	0.809618	-1.23515	31.0856	4.62652	0.132295	1
cg16863522	0.0719448	1.68975	1.68975	0.0185556	2.10752	2.10752	0.0545249	1.7676	1.7676	0.216797	0.712213	-1.40408	7.4003	7.99285	0.960064	1
cg00611227	0.241335	0.477476	-2.09435	0.00133038	0.0600429	-16.6548	0.00803189	7.74472	7.74472	0.345353	0.556668	-1.7964	6.29939	36.2447	5.11439	1
cg19508823	0.0576184	1.43984	1.43984	0.230033	0.809544	-1.23526	0.27283	0.825933	-1.21075	0.0195745	0.616171	-1.62293	5.97349	2.56878	0.334468	1
cg05667379	0.536468	1.21697	1.21697	0.0045566	0.305674	-3.27145	0.00424311	0.301001	-3.32225	0.943895	0.978163	-1.02232	4.76681	7.42945	1.3854	1
cg01718116	0.391531	0.888872	-1.12502	0.0178764	0.679598	-1.47146	0.224816	0.842751	-1.18659	0.235043	1.18177	1.18177	4.27269	1.2185	0.253496	1
cg18759990	0.14908	0.731031	-1.36793	0.0239549	0.579583	-1.72538	0.106456	0.699808	-1.42896	0.465725	0.860434	-1.1622	4.25742	2.76471	0.577234	1
cg26842423	0.0750585	0.293456	-3.40766	0.00382229	0.0896449	-11.1551	0.0124185	0.145961	-6.85113	0.120154	0.352509	-2.83681	3.87987	23.5046	5.38498	1
cg21678377	0.0121837	0.579472	-1.72571	0.343806	0.843384	-1.1857	0.0928435	1.38124	1.38124	0.451341	0.874556	-1.14344	3.74221	1.80819	0.4295	1
cg06828936	0.789651	0.926416	-1.07943	0.00335576	0.319551	-3.12939	0.0117155	0.406467	-2.46023	0.168356	0.65729	-1.5214	3.62852	4.6962	1.15044	1
cg06394103	0.205573	0.71506	-1.39848	0.264325	1.33937	1.33937	0.744639	1.08555	1.08555	0.0161203	0.477383	-2.09476	3.48943	3.48586	0.88798	1
cg06434874	0.0587426	0.73806	-1.3549	0.000130128	0.388514	-2.57391	0.00548719	1.68111	1.68111	0.0078372	0.615409	-1.62494	41.8226	13.4059	0.284926	1
cg14058869	3.21E-05	0.289129	-3.45867	0.329077	0.856836	-1.16708	0.127883	1.28723	1.28723	0.00684406	0.584339	-1.71133	14.0348	5.23006	0.331245	1
cg19933833	0.162886	0.79521	-1.25753	0.00118454	0.481175	-2.07825	0.355014	1.15763	1.15763	0.0444209	1.42637	1.42637	5.40791	2.02694	0.333164	1
cg27388792	0.0795951	1.4097	1.4097	0.150164	1.31289	1.31289	0.111367	1.35806	1.35806	0.889502	0.975765	-1.02484	4.35417	2.14785	0.438476	1
cg10160539	0.592248	1.12065	1.12065	0.00457841	2.21526	2.21526	0.646194	1.10229	1.10229	0.0963483	0.680661	-1.46916	11.0636	7.77871	0.624971	1
cg08318371	0.295216	1.30251	1.30251	0.930106	1.02159	1.02159	0.20672	1.38295	1.38295	0.000485576	0.264074	-3.78682	8.78441	8.24685	0.834493	1
cg15353603	0.0202772	0.26918	-3.71499	0.000318425	0.0650013	-15.3843	0.639549	0.801563	-1.24756	0.0332914	0.311413	-3.21117	6.45808	22.4913	3.0957	1
cg20053454	0.471011	0.871504	-1.14744	0.528668	1.12718	1.12718	0.00167666	2.32249	2.32249	0.149994	1.3357	1.3357	3.97963	2.21731	0.495258	1
cg10112391	0.110833	4.49496	4.49496	0.217905	3.06894	3.06894	0.00367963	29.8668	29.8668	0.032343	8.74002	8.74002	3.52409	37.1324	10.5367	1
cg10507402	0.83572	1.07414	1.07414	0.0165777	3.18603	3.18603	0.000748586	10.9654	10.9654	0.162946	1.70809	1.70809	10.7813	16.4955	0.956257	1
cg25912827	0.658817	0.901582	-1.10916	0.663819	0.903061	-1.10734	0.384146	0.812163	-1.23128	0.347206	1.25317	1.25317	3.67126	3.16079	0.765294	1
cg09601770	0.84111	0.942218	-1.06133	0.0553325	1.90425	1.90425	0.220252	1.46548	1.46548	0.42366	1.27419	1.27419	3.48673	4.85545	1.23782	1
cg16251205	0.0106648	0.431419	-2.31793	3.58E-05	0.123999	-8.0646	0.977785	1.00732	1.00732	0.0953676	1.61578	1.61578	14.8358	16.1137	0.965456	1
cg22340526	0.0257511	0.398332	-2.51047	0.00774369	0.304579	-3.28322	0.00396236	0.260088	-3.84485	0.10458	1.85262	1.85262	8.48268	16.2296	1.70067	1
cg05751344	0.159842	0.756959	-1.32108	0.553938	0.894939	-1.11739	0.00210059	0.448382	-2.23024	0.131293	1.35262	1.35262	7.7317	4.20898	0.483893	1
cg22620221	0.649023	1.09316	1.09316	0.0882544	0.693756	-1.44143	0.286614	0.806464	-1.23998	0.137953	1.36411	1.36411	6.95482	4.16207	0.531951	1
cg15383397	0.389657	0.835089	-1.19748	0.134483	0.71899	-1.39084	0.00949345	0.510785	-1.95777	0.409974	1.18799	1.18799	5.61471	3.71648	0.588372	1
cg05521981	0.00630117	2.22937	2.22937	0.256664	1.30575	1.30575	0.4126	0.827989	-1.20775	0.0171151	0.519531	-1.92481	5.10681	4.10656	0.714786	1
cg05989672	0.467612	1.10292	1.10292	0.000509491	0.486969	-2.05352	0.449647	0.902934	-1.1075	0.481628	0.909556	-1.09944	4.93913	1.37417	0.247307	1
cg13765278	0.282998	0.739243	-1.35273	0.0156847	0.448366	-2.23032	0.0061966	0.380339	-2.62923	0.246277	1.38874	1.38874	4.48642	5.21218	1.03268	1
cg22449370	0.153375	0.474074	-2.10937	0.00192897	0.11733	-8.52294	0.00795994	0.189946	-5.26466	0.500992	1.3958	1.3958	4.23715	15.9958	3.35568	1
cg22482235	0.218957	0.556665	-1.79641	0.0105162	0.232549	-4.30017	0.0117241	0.240108	-4.1648	0.757235	1.15083	1.15083	3.52432	11.4588	2.89009	1
cg18940047	0.345813	0.769524	-1.2995	0.209175	1.42931	1.42931	0.100415	1.6252	1.6252	0.00176772	3.32564	3.32564	14.225	16.4038	1.02503	1
cg09124223	0.263977	1.35259	1.35259	0.0261283	0.504304	-1.98293	0.00127891	0.295752	-3.38121	0.0936196	0.619848	-1.6133	13.6768	14.5739	0.947195	1
cg07621660	0.761541	1.04161	1.04161	0.177802	1.21147	1.21147	0.614	0.934138	-1.07051	0.00632487	0.621078	-1.6101	13.117	3.72816	0.252643	1
cg27494858	0.0123296	0.505386	-1.97868	0.89356	1.02975	1.02975	0.998747	1.00034	1.00034	0.288351	0.785536	-1.27302	11.3123	8.59246	0.67517	1
cg18883476	0.0218922	0.122345	-8.17359	0.0121155	0.0917181	-10.903	0.99616	1.00368	1.00368	0.00940064	0.0808512	-12.3684	8.82823	72.5209	8.21466	1
cg14523847	0.859794	1.02145	1.02145	0.000188681	0.469507	-2.1299	0.348486	1.12287	1.12287	0.013694	1.442	1.442	8.20745	1.87384	0.202941	1
cg27032232	0.187651	1.96105	1.96105	0.000138896	0.0417799	-23.935	0.172184	0.496142	-2.01555	0.113028	2.29771	2.29771	7.90705	29.1328	3.27503	1
cg05673425	0.0098744	0.689847	-1.4496	0.0662493	0.790883	-1.26441	0.67562	0.953207	-1.04909	0.120187	0.825337	-1.21163	7.31758	1.5029	0.182562	1
cg18562989	0.910309	0.971792	-1.02903	0.0424896	1.83402	1.83402	0.157176	0.678325	-1.47422	0.198138	0.705892	-1.41665	7.6335	7.62991	0.777411	1
cg12423311	0.561087	0.833846	-1.19926	0.0195573	0.417965	-2.39254	0.0251802	2.27768	2.27768	0.418783	0.774579	-1.29102	4.33358	6.56096	1.34576	1
cg01444677	0.154954	0.522264	-1.91474	0.00985838	0.248611	-4.02235	0.00311973	0.178161	-5.6129	0.120686	0.487597	-2.05087	3.91409	11.2899	2.56393	1
cg25154270	0.00464609	0.535957	-1.86582	0.342827	0.850525	-1.17574	0.837243	1.03466	1.03466	0.865609	0.972329	-1.02846	3.38867	1.47292	0.386364	1
cg24073950	0.728269	0.956441	-1.04554	0.000381746	0.484665	-2.06328	0.879553	0.980824	-1.01955	0.0304392	0.722668	-1.38376	21.6743	5.59688	0.229535	1
cg06002683	0.84024	0.936784	-1.06748	0.23612	1.4943	1.4943	6.64E-06	25.5406	25.5406	0.410723	1.3128	1.3128	13.8075	22.8901	1.4736	1
cg21389309	0.449589	0.770022	-1.29866	0.00821945	0.317661	-3.14801	5.09E-05	13.129	13.129	0.244813	0.661884	-1.51084	13.3632	24.349	1.61963	1
cg07365299	0.00211301	0.348873	-2.86638	0.000641167	0.278962	-3.58472	0.843645	0.953027	-1.04929	0.0127218	0.470335	-2.12614	13.0537	12.2724	0.835687	1
cg09933929	0.165103	0.650952	-1.53621	0.197853	0.673932	-1.48383	0.589504	1.17109	1.17109	0.249987	0.7057	-1.41703	10.6517	14.1817	1.18347	1
cg16680167	0.0776399	0.679021	-1.47271	0.00238059	0.433438	-2.30713	0.04122	1.59173	1.59173	0.172591	0.750874	-1.33178	10.6324	6.56038	0.548459	1
cg00128425	0.305939	0.841289	-1.18865	0.00667027	1.7751	1.7751	0.167855	1.2708	1.2708	0.0126916	0.603501	-1.657	7.30135	3.07372	0.374204	1
cg07227743	0.00164936	0.284447	-3.51559	0.832135	0.942482	-1.06103	0.999502	1.00017	1.00017	0.0197739	0.4559	-2.19346	7.09759	8.75511	1.09647	1
cg08771408	0.830331	1.03817	1.03817	0.459635	0.876831	-1.14047	0.328513	1.19252	1.19252	0.204398	0.79151	-1.26341	6.52868	3.15152	0.429084	1
cg10860802	0.149289	0.670085	-1.49235	0.727118	0.913288	-1.09495	0.401871	1.24874	1.24874	0.97427	1.00839	1.00839	5.43709	5.77222	0.943678	1
cg19555191	0.428743	0.831911	-1.20205	0.000752924	0.312191	-3.20317	0.0861733	1.54017	1.54017	0.044637	0.591442	-1.69078	5.28081	4.34007	0.730539	1
cg01181150	0.0263929	1.43982	1.43982	0.00073308	2.03499	2.03499	0.769568	1.04151	1.04151	0.0978743	0.777704	-1.28584	4.8209	1.46353	0.269849	1
cg20166931	0.110258	0.445753	-2.24339	0.00345204	0.158283	-6.3178	0.458274	0.704265	-1.41992	0.0524368	0.359217	-2.78384	4.81465	16.4321	3.03372	1
cg11300568	0.00439806	0.259543	-3.85293	0.502462	1.27306	1.27306	0.51572	0.791542	-1.26336	0.0889698	0.514062	-1.94529	4.72846	9.42265	1.77133	1
cg13989810	0.576457	0.826154	-1.21043	0.74381	0.894955	-1.11737	0.73157	0.89	-1.1236	0.310843	0.701269	-1.42599	4.55468	8.26173	1.61236	1
cg20739526	0.0313369	4.23857	4.23857	0.00209639	11.88	11.88	0.00988492	6.44973	6.44973	0.100696	2.79588	2.79588	4.54615	23.5443	4.60351	1
cg05640128	0.402423	0.514992	-1.94178	0.587739	0.654504	-1.52787	0.000447069	72.8865	72.8865	0.939289	1.06076	1.06076	4.52633	42.9913	8.44271	1
cg09134205	0.139677	0.314054	-3.18417	0.00307118	0.052144	-19.1777	0.249982	2.40145	2.40145	0.0627602	0.217443	-4.5989	4.46002	37.5101	7.47582	1
cg07915562	0.0757257	0.427354	-2.33998	0.00931356	0.242047	-4.13144	0.209321	0.566046	-1.76664	0.104666	0.466397	-2.1441	4.17742	12.2364	2.6037	1
cg01620739	0.0229379	3.09858	3.09858	0.00167128	6.47737	6.47737	0.0995454	2.11769	2.11769	0.138917	1.93879	1.93879	4.165	11.3959	2.4321	1
cg03472695	0.00613572	1.74612	1.74612	0.00303714	1.88335	1.88335	0.483223	1.11748	1.11748	0.597355	1.08664	1.08664	3.99112	1.53585	0.34206	1
cg07590961	0.268513	0.418549	-2.38921	0.848281	1.15574	1.15574	0.000731783	48.3927	48.3927	0.652855	1.40801	1.40801	3.96832	35.8953	8.04042	1
cg03276000	0.434016	1.5311	1.5311	0.0722326	0.342799	-2.91716	0.724713	1.20766	1.20766	0.0982868	0.379995	-2.63161	3.91517	17.6572	4.00884	1
cg13345683	0.111077	0.191799	-5.21379	0.00338406	0.022577	-44.2929	0.721582	1.40549	1.40549	0.0866541	0.165254	-6.05131	3.88767	55.7198	12.74	1
cg11978700	0.870473	1.04609	1.04609	0.0146191	2.29395	2.29395	0.764522	0.920391	-1.0865	0.464414	0.814143	-1.22829	3.82995	4.6255	1.07353	1
cg25042586	0.0509336	1.18811	1.18811	0.109123	1.14503	1.14503	0.0310997	0.821897	-1.2167	0.646296	1.03647	1.03647	3.77515	0.359263	0.0845912	1
cg02550425	0.464953	1.06304	1.06304	0.00396627	1.37498	1.37498	0.576876	1.04742	1.04742	0.0279585	1.23795	1.23795	3.75915	0.402258	0.0951181	1
cg11999800	0.145883	1.33895	1.33895	0.0069962	1.91952	1.91952	0.547598	0.892465	-1.12049	0.396117	0.850048	-1.1764	3.46759	1.91948	0.492043	1
cg13725124	0.240685	0.659131	-1.51715	0.187901	0.622793	-1.60567	0.350172	1.38588	1.38588	0.55686	1.22341	1.22341	3.46053	6.31146	1.62119	1
cg13544851	0.288245	0.467727	-2.138	0.748204	0.800932	-1.24855	0.000600261	38.4184	38.4184	0.618445	0.70747	-1.41349	4.79478	36.0721	6.68729	1
cg14423485	0.0201234	1.29205	1.29205	0.44967	1.07295	1.07295	0.585082	0.950858	-1.05168	0.889547	1.01278	1.01278	15.1967	2.01058	0.117604	1
cg05534636	0.64695	1.08696	1.08696	0.316121	1.20612	1.20612	0.179904	0.772956	-1.29373	0.742481	1.06143	1.06143	6.25906	3.24111	0.460291	1
cg22419075	0.516512	0.910866	-1.09786	0.00127952	0.513473	-1.94752	0.66088	0.939265	-1.06466	0.651967	0.93759	-1.06656	3.4764	1.10918	0.283609	1
cg25457200	0.0520183	0.26703	-3.7449	0.0109239	0.148342	-6.74116	0.170214	0.417891	-2.39297	0.0660593	0.291805	-3.42695	3.54735	20.0459	5.02308	1
cg23731617	0.350829	1.08114	1.08114	5.79E-05	1.83262	1.83262	0.160775	1.12944	1.12944	0.58302	0.955953	-1.04608	18.4534	1.92933	0.0929347	1
cg15890574	3.21E-05	0.244415	-4.0914	4.46E-05	0.260231	-3.84274	0.132883	0.754012	-1.32624	0.00240314	0.478854	-2.08832	16.8949	8.11353	0.426876	1
cg18202577	0.304819	0.789186	-1.26713	5.28E-05	0.185912	-5.37889	0.463968	0.846989	-1.18065	0.321679	1.25621	1.25621	8.53566	6.71036	0.698805	1
cg22198615	0.536146	1.41265	1.41265	?	?	?	0.00150416	0.0802831	-12.4559	0.909889	1.06442	1.06442	7.96857	34.1135	4.281	1
cg01451277	0.307931	0.705016	-1.41841	0.033298	0.438698	-2.27947	0.0498737	0.476743	-2.09757	0.172214	0.618008	-1.6181	6.28482	10.9187	1.54428	1
cg08484839	0.629589	0.917456	-1.08997	0.000325605	0.35706	-2.80065	0.0738313	0.702413	-1.42366	0.386499	1.17042	1.17042	5.42277	2.6989	0.442398	1
cg25130390	0.473855	0.937529	-1.06663	0.11762	0.860275	-1.16242	0.402181	1.07888	1.07888	0.554504	0.948434	-1.05437	5.2812	0.655976	0.110409	1
cg06993413	0.250098	0.779393	-1.28305	0.00646004	0.479811	-2.08415	0.448923	0.852126	-1.17354	0.080282	0.668737	-1.49536	4.32976	2.94891	0.605404	1
cg07626637	0.927798	1.01437	1.01437	0.586889	0.917234	-1.09023	0.0108191	1.65539	1.65539	0.960836	1.00776	1.00776	4.09346	1.60761	0.349089	1
cg22561727	0.773841	0.941869	-1.06172	0.000230564	0.280534	-3.56462	0.797845	0.948045	-1.0548	0.00202023	0.404444	-2.47253	9.40439	6.43558	0.608281	1
cg01098142	0.282573	0.75657	-1.32176	0.0488031	1.75445	1.75445	0.000879192	3.4763	3.4763	0.321765	1.29141	1.29141	7.61199	7.52481	0.878708	1
cg22521640	0.000914348	0.322454	-3.10121	0.0113402	2.06257	2.06257	0.130574	1.45184	1.45184	0.150857	0.703589	-1.42128	7.17373	5.92456	0.734106	1
cg10344433	0.715344	0.94554	-1.0576	0.0498851	1.40768	1.40768	0.778364	1.04409	1.04409	0.410997	1.13716	1.13716	7.04692	2.60898	0.329093	1
cg09508448	0.0272258	1.76755	1.76755	0.00103896	2.88193	2.88193	0.732604	1.07761	1.07761	0.198886	1.34431	1.34431	5.84225	4.39523	0.668727	1
cg00347026	0.293147	0.802802	-1.24564	0.000112953	0.255135	-3.9195	0.513785	0.875143	-1.14267	0.909716	0.977412	-1.02311	5.78719	3.71817	0.571096	1
cg10373574	0.677121	1.03566	1.03566	0.0684585	1.1861	1.1861	0.00464211	0.729744	-1.37034	0.276211	0.909582	-1.09941	5.30329	0.588025	0.0985594	1
cg00491603	0.0177988	1.44303	1.44303	0.00221074	1.72628	1.72628	0.825589	0.972298	-1.02849	0.556958	0.927172	-1.07855	5.27662	1.35406	0.228102	1
cg22519738	0.00111407	0.340319	-2.93842	0.0991047	1.5005	1.5005	0.15404	1.40846	1.40846	0.265345	0.770646	-1.29761	4.61536	3.68223	0.709175	1
cg15544596	0.0433387	0.398757	-2.50779	0.00332644	0.205693	-4.86162	0.764497	1.12622	1.12622	0.0708714	0.450021	-2.22212	4.43034	10.9832	2.20364	1
cg25730440	0.2571	1.31837	1.31837	0.0139401	2.0335	2.0335	0.141494	1.44697	1.44697	0.881567	1.03545	1.03545	3.92651	3.39613	0.768821	1
cg03775330	0.0561505	0.632394	-1.58129	0.0352508	0.594808	-1.68122	0.62229	1.11092	1.11092	0.484781	0.86036	-1.1623	3.60535	2.56278	0.631846	1
cg16928393	0.0845013	0.703569	-1.42132	0.881115	1.02796	1.02796	0.519605	0.886676	-1.12781	2.66E-05	0.216564	-4.61757	47.2971	25.4295	0.477916	1
cg09821685	0.0603051	0.718834	-1.39114	0.634006	0.927989	-1.0776	0.836441	1.03274	1.03274	6.16E-05	0.316128	-3.16327	26.6446	10.2457	0.341805	1
cg07480440	0.00390757	0.432123	-2.31416	0.000354356	3.45234	3.45234	0.801733	1.05585	1.05585	9.75E-05	0.224025	-4.46379	25.9224	19.1553	0.656844	1
cg21105590	0.0279604	0.665952	-1.50161	0.667967	1.06989	1.06989	0.74769	1.05183	1.05183	0.0204964	0.64592	-1.54818	14.0893	5.46909	0.345042	1
cg17216301	0.0323917	0.514392	-1.94404	0.00578966	0.383134	-2.61005	0.262543	0.733436	-1.36345	0.000687213	0.252663	-3.95784	13.9154	15.5217	0.991493	1
cg18992201	0.371942	1.18592	1.18592	0.000504781	2.74917	2.74917	0.012989	1.7743	1.7743	0.210154	0.782196	-1.27845	11.6087	6.36163	0.487117	1
cg11759378	0.28162	1.56645	1.56645	0.181701	1.76584	1.76584	0.71631	1.15764	1.15764	0.0193016	0.321412	-3.11127	6.89951	17.5795	2.26483	1
cg01895333	0.25533	0.657355	-1.52125	0.376806	0.725865	-1.37767	0.33714	0.704976	-1.41849	0.00299318	0.237311	-4.21388	5.59745	11.0639	1.75697	1
cg08491661	0.479238	0.847379	-1.18011	0.0554117	1.64857	1.64857	0.992007	0.997696	-1.00231	0.17914	0.719955	-1.38898	5.48487	4.60489	0.746276	1
cg15286037	0.108516	0.499084	-2.00367	0.101477	0.490748	-2.03771	0.0822846	2.14715	2.14715	0.0321784	0.369334	-2.70757	5.66388	14.1368	2.21863	1
cg06761873	2.22E-05	0.188016	-5.31871	3.04E-05	0.20186	-4.95392	1.77E-07	0.0426961	-23.4214	0.00137863	0.402207	-2.48628	74.2034	45.2901	0.542535	1
cg01044476	0.0772891	0.735073	-1.36041	1.68E-05	0.250191	-3.99694	0.000107633	0.342956	-2.91583	0.0147014	0.62462	-1.60097	55.9113	21.7462	0.345725	1
cg22205501	0.585652	1.24659	1.24659	6.39E-05	0.0526794	-18.9827	0.328245	0.667613	-1.49787	0.0849352	0.466379	-2.14418	7.54761	19.1636	2.25692	1
cg20927656	0.00766558	0.109107	-9.16532	0.0390606	0.213533	-4.68312	0.0131676	0.137103	-7.29378	0.334666	0.525613	-1.90254	4.37954	28.9852	5.88295	1
cg00157864	0.0968533	0.7695	-1.29955	0.0290857	1.44742	1.44742	0.394676	0.882203	-1.13353	0.0274184	0.687227	-1.45512	4.09878	1.34172	0.290974	1
cg17723761	0.128739	0.570839	-1.75181	0.000568699	0.161559	-6.18971	0.145332	0.586259	-1.70573	0.0999778	0.540356	-1.85063	3.97864	7.3482	1.6417	1
cg08284151	0.0346886	0.701109	-1.42631	0.00015027	0.39114	-2.55663	0.0741514	0.75053	-1.33239	0.557451	0.917997	-1.08933	10.6036	3.49271	0.292789	1
cg18560366	0.0987336	0.607418	-1.64631	0.414087	0.794602	-1.25849	0.725385	1.10199	1.10199	0.00170804	0.291311	-3.43276	16.5174	19.8378	1.06757	1
cg21750709	0.00491018	0.476648	-2.09798	0.0881983	0.687949	-1.4536	0.0234228	1.71317	1.71317	0.0062541	0.492444	-2.03069	15.1581	9.4892	0.556456	1
cg07253829	0.0486216	1.894	1.894	0.0186067	2.24566	2.24566	0.316071	1.34168	1.34168	0.0292145	0.482604	-2.07209	14.6826	18.6971	1.13193	1
cg14836960	0.000925567	2.28816	2.28816	0.774503	1.04924	1.04924	0.000202462	2.8375	2.8375	0.108807	0.746278	-1.33998	12.4912	5.53931	0.394184	1
cg26441097	0.77135	0.932366	-1.07254	0.0432606	1.74848	1.74848	0.0981883	1.54638	1.54638	0.785944	0.936673	-1.06761	6.83978	6.25648	0.813084	1
cg12443195	0.609197	0.84243	-1.18704	0.33109	0.71642	-1.39583	0.266759	1.46929	1.46929	0.0363284	0.445188	-2.24624	6.61318	11.5828	1.55686	1
cg00487142	0.881147	0.933845	-1.07084	0.327208	1.58836	1.58836	0.207515	1.83681	1.83681	0.0416933	0.341606	-2.92735	4.83226	16.0168	2.94628	1
cg16783571	0.0108162	0.512709	-1.95042	0.000787192	2.88378	2.88378	1.50E-05	0.153491	-6.51502	0.0587724	1.56126	1.56126	27.6038	19.0412	0.613159	1
cg13422261	0.204626	1.11822	1.11822	0.00335676	0.716667	-1.39535	0.459003	0.938996	-1.06497	0.142509	0.876691	-1.14065	7.95314	0.877843	0.0981128	1
cg15414745	0.0198788	0.372897	-2.6817	0.289721	1.4705	1.4705	0.00229219	0.224055	-4.46318	0.154109	0.585456	-1.70807	6.33186	12.3479	1.73344	1
cg02931604	0.141823	1.61237	1.61237	0.0740476	0.547665	-1.82593	0.162621	0.637106	-1.5696	0.102986	1.7151	1.7151	3.73033	5.4039	1.28768	1
cg09596027	0.104604	0.630816	-1.58525	0.000102782	0.167729	-5.962	0.704072	0.905637	-1.1042	0.299498	0.756329	-1.32218	15.661	16.7327	0.949717	1
cg17961932	0.0166924	0.398691	-2.50821	0.356214	0.741824	-1.34803	0.316752	0.72201	-1.38502	0.0195036	0.411277	-2.43145	10.4328	16.3644	1.39427	1
cg00591471	0.0108422	0.382868	-2.61187	0.707611	1.1197	1.1197	0.849962	0.944758	-1.05847	0.0659477	0.538457	-1.85716	8.12516	11.587	1.26761	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27394057	DPRX	0.00676463	0.000274535	0.206082	-4.85243	0.71086	1.10373	1.10373	0.0197172	0.474028	-2.10958	0.632459	0.880102	-1.13623	0.00643573	0.390901	-2.55819
cg17708240	DPRX	0.0112223	0.00301317	0.152487	-6.55795	0.0322913	0.313713	-3.18763	0.0699778	0.391828	-2.55214	0.0239626	0.287776	-3.47492	0.0252329	0.292123	-3.42322
cg12578575	DPRX	0.0126155	0.653028	0.789521	-1.26659	0.0119581	0.194422	-5.14345	0.0725941	0.351291	-2.84664	0.18864	0.483166	-2.06968	0.000752192	0.0693034	-14.4293
cg26797895	DPRX;DPRX	3.36E-07	2.44E-08	0.0775525	-12.8945	0.963026	0.994288	-1.00574	0.000438967	0.503466	-1.98623	0.488187	0.91666	-1.09092	4.29E-08	0.0925598	-10.8038
cg26220985	DPT	0.0317126	0.0393864	0.393415	-2.54185	0.153501	1.81887	1.81887	0.225832	0.607829	-1.6452	0.123058	0.519987	-1.92312	0.0320804	0.374232	-2.67214
cg11387286	DPY19L1	0.000336002	7.81E-05	0.213258	-4.68915	0.95752	1.01158	1.01158	0.000151251	0.245146	-4.0792	0.0225649	1.80487	1.80487	0.00794922	0.479157	-2.087
cg20013963	DPY19L1	0.000994783	0.00247414	0.3641	-2.7465	0.783852	0.936111	-1.06825	0.00390866	0.39351	-2.54123	0.646692	0.895104	-1.11719	6.49E-05	0.171764	-5.82193
cg27303959	DPY19L1	0.00353497	0.53346	0.933766	-1.07093	0.806104	1.02708	1.02708	0.0577342	1.26256	1.26256	0.648336	0.951332	-1.05116	0.00115061	0.595054	-1.68052
cg17907730	DPY19L1	0.0037459	0.0500013	0.424085	-2.35802	0.709262	0.868574	-1.15131	0.0226785	2.87335	2.87335	0.676594	0.853985	-1.17098	0.0382369	0.396844	-2.51988
cg11437223	DPY19L1	0.00402434	0.871578	0.920435	-1.08644	0.000987442	12.2942	12.2942	0.061224	0.339276	-2.94746	0.296642	0.574333	-1.74115	0.0275432	0.262998	-3.80231
cg15950665	DPY19L1	0.00795783	0.473119	0.906686	-1.10292	0.0592726	1.33092	1.33092	0.0331951	1.39688	1.39688	0.138323	0.807175	-1.23889	0.0223471	0.692468	-1.44411
cg16045911	DPY19L1	0.0150775	0.874834	0.972914	-1.02784	0.111995	1.35184	1.35184	0.346115	0.844497	-1.18414	0.0414622	0.663921	-1.5062	0.00335804	0.499025	-2.00391
cg25557260	DPY19L1	0.0168742	0.0288742	0.521947	-1.9159	0.655428	1.12001	1.12001	0.508473	0.844286	-1.18443	0.211558	1.39389	1.39389	0.000533212	0.256559	-3.89775
cg24927974	DPY19L1	0.0276481	0.315424	0.628451	-1.59121	0.0103506	4.24278	4.24278	0.132358	2.06825	2.06825	0.15566	1.97348	1.97348	0.0452888	0.357849	-2.79447
cg03301989	DPY19L1	0.0302753	0.0935631	1.21954	1.21954	0.690402	0.957828	-1.04403	0.0663754	0.801249	-1.24805	0.05735	1.26032	1.26032	0.884422	1.01578	1.01578
cg14116056	DPY19L1	0.0357421	0.00643929	0.131944	-7.57897	0.283345	1.89103	1.89103	0.149021	0.412911	-2.42183	0.0224039	0.209353	-4.77661	0.214996	0.474235	-2.10866
cg06244512	DPY19L1;DPY19L1	0.00031265	0.000215789	1.65593	1.65593	0.0289798	0.810355	-1.23403	0.00187096	0.697445	-1.43381	0.00952374	1.30768	1.30768	0.000588607	0.648094	-1.54299
cg10089847	DPY19L1;DPY19L1	0.00536654	0.751698	0.964242	-1.03708	0.00351156	1.57484	1.57484	0.00635754	1.503	1.503	0.963265	0.994731	-1.0053	0.00172437	1.67025	1.67025
cg03763624	DPY19L2	0.0462609	0.454613	0.72843	-1.37282	0.0203048	0.312252	-3.20254	0.478763	0.741135	-1.34928	0.411169	1.41852	1.41852	0.0188874	0.306363	-3.26411
cg02503815	DPY19L2P2;DPY19L2P2	0.00284197	0.199005	1.32952	1.32952	0.00337202	2.30899	2.30899	0.271054	1.27185	1.27185	0.00201433	2.49525	2.49525	0.0689046	0.652323	-1.53298
cg24617568	DPY19L2P4	0.0073107	0.00986667	4.12686	4.12686	0.0817202	2.31315	2.31315	0.103452	2.16876	2.16876	0.0878161	2.26825	2.26825	0.134048	2.01859	2.01859
cg12456681	DPY19L2P4	0.0121717	0.048166	1.81487	1.81487	0.148612	1.50515	1.50515	0.170204	1.4704	1.4704	0.0315681	1.94519	1.94519	0.546349	1.17483	1.17483
cg13981483	DPY19L3	0.0028142	0.367002	1.11393	1.11393	0.357055	1.11659	1.11659	0.842568	0.977115	-1.02342	0.173253	0.844754	-1.18378	0.194951	1.17305	1.17305
cg22892237	DPY19L3	0.00652529	0.232253	1.21473	1.21473	0.177688	1.2491	1.2491	0.178067	1.24882	1.24882	0.263024	0.834278	-1.19864	0.00219888	1.94761	1.94761
cg11416386	DPY19L3;DPY19L3	0.00851237	0.589019	0.913228	-1.09502	0.887562	1.02382	1.02382	0.000578116	2.42562	2.42562	0.04287	0.678517	-1.4738	0.241976	1.22605	1.22605
cg16792347	DPY19L4	5.39E-06	0.144643	1.22697	1.22697	0.000156709	0.429725	-2.32707	6.51E-05	0.383935	-2.60461	3.05E-06	0.234716	-4.26046	7.15E-07	0.173415	-5.76651
cg04664127	DPY19L4	0.00184868	0.428093	0.850784	-1.17539	0.0822769	1.46885	1.46885	0.372302	1.20076	1.20076	0.0789175	1.47653	1.47653	0.0922492	0.690633	-1.44795
cg13204435	DPY19L4	0.0204254	0.242326	1.10547	1.10547	0.551839	0.951871	-1.05056	0.496006	0.944932	-1.05828	0.488952	0.944025	-1.05929	0.00696149	1.3312	1.3312
cg25632114	DPY19L4	0.042711	0.102855	0.861821	-1.16033	0.0241387	0.799263	-1.25115	0.0634726	1.18993	1.18993	0.27747	1.09869	1.09869	0.678879	1.0353	1.0353
cg14329673	DPY19L4;DPY19L4	0.00597558	0.168974	1.14331	1.14331	0.0217134	1.28636	1.28636	0.00441258	1.41524	1.41524	0.0350906	1.25153	1.25153	0.0149904	0.76086	-1.3143
cg17130580	DPY30	0.009214	0.594497	0.914557	-1.09343	0.0937417	1.3585	1.3585	0.498122	1.12112	1.12112	0.254739	0.820633	-1.21857	0.259125	0.822252	-1.21617
cg16259886	DPY30	0.0197666	0.617843	0.919802	-1.08719	0.905208	0.980395	-1.02	0.840026	1.03416	1.03416	0.348242	1.1741	1.1741	0.660821	1.07614	1.07614
cg14200127	DPYD	0.00318957	0.00149176	0.222567	-4.49304	0.0140973	2.70206	2.70206	0.0534893	2.0534	2.0534	0.818144	0.927226	-1.07849	0.0912013	1.841	1.841
cg11232368	DPYD	0.00512339	0.157986	0.779822	-1.28234	0.687744	1.06883	1.06883	0.401524	0.868091	-1.15195	0.0017568	0.479775	-2.08431	0.0840071	0.7298	-1.37024
cg18645035	DPYD	0.0191177	0.527149	1.19587	1.19587	0.5881	0.858425	-1.16492	0.28282	1.36554	1.36554	0.00397222	2.94833	2.94833	0.351569	0.765181	-1.30688
cg23057232	DPYD	0.0206016	0.611935	1.16706	1.16706	0.176926	0.648287	-1.54253	0.0636808	0.532827	-1.87678	0.930877	1.02654	1.02654	0.00332639	0.29909	-3.34347
cg07313437	DPYD	0.0343756	0.0319419	0.530254	-1.88589	0.287652	0.756825	-1.32131	0.119597	0.652963	-1.53148	0.123649	0.656477	-1.52328	0.0090864	0.433173	-2.30855
cg06347996	DPYD;DPYD	0.00461304	0.0977613	0.790624	-1.26482	0.270118	0.861998	-1.1601	0.0310207	0.72077	-1.38741	0.0014406	1.81431	1.81431	0.0255546	0.709559	-1.40933
cg18269457	DPYD;DPYD	0.00470526	0.0157555	0.613696	-1.62947	0.000749603	0.430037	-2.32538	0.186922	0.793864	-1.25966	0.00653864	0.558204	-1.79146	0.0191002	0.626213	-1.5969
cg13693260	DPYD;DPYD	0.0381426	0.0686155	0.774508	-1.29114	0.568386	0.930273	-1.07495	0.0898121	1.26418	1.26418	0.0332679	0.732027	-1.36607	0.632743	0.94143	-1.06221
cg12896922	DPYS	2.64E-05	0.110362	0.749198	-1.33476	0.303348	0.837843	-1.19354	0.649517	0.926887	-1.07888	0.981721	0.996205	-1.00381	3.82E-06	0.167125	-5.98353
cg09929374	DPYS	0.00160804	0.00216271	1.68128	1.68128	0.000109999	2.27407	2.27407	0.680561	1.05123	1.05123	0.10756	1.23609	1.23609	0.108523	0.809557	-1.23524
cg00021978	DPYS	0.00323903	0.965507	1.00848	1.00848	0.00105553	0.388159	-2.57626	0.105901	0.708207	-1.41202	0.179161	1.3215	1.3215	0.00927543	1.90588	1.90588
cg20774846	DPYS	0.013386	0.0150618	5.05654	5.05654	0.00441387	7.85741	7.85741	0.074369	2.94024	2.94024	0.979406	0.986095	-1.0141	0.0599939	0.316302	-3.16153
cg07142723	DPYS	0.0183062	0.0513837	0.470464	-2.12556	0.00146029	0.20963	-4.7703	0.0303692	0.420963	-2.37551	0.803537	1.08843	1.08843	0.0370777	0.439138	-2.27719
cg14015441	DPYS	0.0239284	0.035892	10.8632	10.8632	0.374465	2.43715	2.43715	0.168592	4.19363	4.19363	0.776259	0.756966	-1.32106	0.0581706	0.12341	-8.10307
cg16783744	DPYS	0.0443107	0.0724327	10.4972	10.4972	0.627519	1.77446	1.77446	0.0415148	15.751	15.751	0.624229	1.78438	1.78438	0.310393	0.291978	-3.42492
cg17087640	DPYS;DPYS	0.0157269	0.00695854	9.95659	9.95659	0.531844	1.51716	1.51716	0.0247778	5.80727	5.80727	0.498043	0.635855	-1.57269	0.257857	0.459699	-2.17534
cg00441434	DPYSL2	0.00314065	0.00597481	0.462191	-2.16361	0.22229	0.759231	-1.31712	0.00136629	0.368682	-2.71236	0.434947	0.842759	-1.18658	0.00527915	0.453945	-2.20291
cg18825258	DPYSL2	0.00533532	0.329536	1.1049	1.1049	0.165599	1.15788	1.15788	0.000953814	1.62911	1.62911	0.369404	1.09569	1.09569	0.0311684	0.77826	-1.28492
cg10075360	DPYSL2	0.0118968	0.0440976	2.42738	2.42738	0.00448127	4.27566	4.27566	0.0424021	2.45015	2.45015	0.0168052	3.06067	3.06067	0.540495	1.26816	1.26816
cg08446255	DPYSL2	0.0127543	0.68376	0.963054	-1.03836	0.00343576	0.693971	-1.44098	0.0810526	0.837104	-1.19459	0.00317428	0.690425	-1.44838	0.16013	1.14792	1.14792
cg14967899	DPYSL2	0.0209168	0.993002	0.999095	-1.00091	0.0341855	1.29083	1.29083	0.541812	1.06587	1.06587	0.785313	1.02861	1.02861	0.833256	0.978458	-1.02202
cg00718883	DPYSL2	0.0245312	0.0239793	3.55948	3.55948	0.0227997	3.61309	3.61309	0.510095	1.37025	1.37025	0.0146873	4.12089	4.12089	0.100722	2.33394	2.33394
cg01214321	DPYSL2;DPYSL2	0.0307322	0.385141	1.06105	1.06105	0.565	1.03947	1.03947	0.231166	1.08718	1.08718	0.155505	1.10644	1.10644	0.0420921	1.16867	1.16867
cg19630951	DPYSL3	0.00105065	0.543062	1.04347	1.04347	0.000207462	1.53607	1.53607	0.00130729	1.38188	1.38188	0.00957954	1.25447	1.25447	0.402751	0.942536	-1.06097
cg08418076	DPYSL3	0.0015915	0.0177072	0.468063	-2.13647	0.376105	0.78737	-1.27005	0.0656798	0.580642	-1.72223	0.41732	0.804005	-1.24377	1.91E-05	0.101629	-9.83972
cg04185123	DPYSL3	0.00280442	0.346369	0.786589	-1.27131	0.907027	0.971493	-1.02934	0.587469	0.873195	-1.14522	0.760817	0.927206	-1.07851	4.45E-05	0.147433	-6.78274
cg09639133	DPYSL3	0.0157321	0.0261232	0.212656	-4.70242	0.00983138	0.147482	-6.7805	0.0807189	0.321077	-3.11452	0.819464	0.874512	-1.14349	0.0247448	0.208459	-4.79711
cg21835622	DPYSL3	0.0205093	0.0131583	0.563928	-1.77328	0.00554163	0.507066	-1.97213	0.855601	1.03452	1.03452	0.0521178	0.662548	-1.50932	0.85909	1.03367	1.03367
cg22839587	DPYSL3	0.0350144	0.021909	0.2063	-4.8473	0.0317994	0.235875	-4.23953	0.146756	0.409032	-2.4448	0.742355	1.20847	1.20847	0.00326652	0.100094	-9.99065
cg11572744	DPYSL3	0.0444952	0.00848411	2.70592	2.70592	0.117672	1.65434	1.65434	0.106682	1.68514	1.68514	0.106944	1.68436	1.68436	0.0853737	1.75668	1.75668
cg05333368	DPYSL4	6.88E-05	0.799958	1.04132	1.04132	0.261801	1.20515	1.20515	0.449662	0.884397	-1.13071	7.64E-06	0.208571	-4.79453	0.140323	1.28786	1.28786
cg10144198	DPYSL4	0.000153709	0.0669229	1.3224	1.3224	1.64E-05	0.2993	-3.34113	0.0411917	0.725802	-1.37779	0.0078389	1.59087	1.59087	0.0114285	0.650072	-1.53829
cg08753373	DPYSL4	0.00103343	0.871948	0.964146	-1.03719	0.0524311	0.606997	-1.64745	4.29E-05	5.80953	5.80953	0.461708	0.844002	-1.18483	0.428341	0.832748	-1.20084
cg27554514	DPYSL4	0.00115181	0.477274	1.42223	1.42223	3.31E-05	0.0196914	-50.7835	0.27129	1.74761	1.74761	0.535038	0.736225	-1.35828	0.0561425	2.87021	2.87021
cg14868466	DPYSL4	0.00346005	0.337464	1.27522	1.27522	0.523991	1.17206	1.17206	0.639139	1.12312	1.12312	0.0204053	0.503036	-1.98793	0.000137178	0.197602	-5.06068
cg12250896	DPYSL4	0.00520772	0.388077	1.34246	1.34246	0.159389	0.606157	-1.64974	0.78256	1.09648	1.09648	0.361025	1.36698	1.36698	0.37507	0.738537	-1.35403
cg24226115	DPYSL4	0.0240987	0.0228385	1.71747	1.71747	0.0222911	1.72269	1.72269	0.00807221	1.96156	1.96156	0.0300391	1.6599	1.6599	0.0201439	1.74468	1.74468
cg03304019	DPYSL4	0.0338545	0.563172	1.15206	1.15206	0.00111859	3.19705	3.19705	0.073302	0.616538	-1.62196	0.647172	0.894404	-1.11806	0.49532	1.18255	1.18255
cg07937082	DPYSL4	0.0355995	0.728359	0.920538	-1.08632	0.0415164	0.572252	-1.74748	0.0265948	0.535746	-1.86656	0.0025811	0.370844	-2.69655	0.60242	0.882668	-1.13293
cg02503633	DPYSL4	0.0496307	0.304861	0.849656	-1.17695	0.0469729	1.41716	1.41716	0.011875	1.61856	1.61856	0.496357	0.899513	-1.11171	0.519657	1.10526	1.10526
cg23332900	DPYSL5	9.72E-08	0.007779	0.78094	-1.28051	3.34E-07	2.91944	2.91944	0.413456	1.06236	1.06236	0.00965593	1.26739	1.26739	0.000201339	0.636789	-1.57038
cg01519714	DPYSL5	4.58E-05	0.900499	1.03166	1.03166	0.753048	0.924356	-1.08183	0.0574092	1.70851	1.70851	0.651361	1.12004	1.12004	0.000120902	0.18754	-5.33219
cg09704217	DPYSL5	0.000614114	0.00176721	0.329561	-3.03434	0.00189208	2.99643	2.99643	0.399249	1.23997	1.23997	0.0230298	1.96902	1.96902	0.851771	1.04773	1.04773
cg06167664	DPYSL5	0.000694495	0.160723	1.47642	1.47642	0.512697	1.18845	1.18845	0.00148282	3.29421	3.29421	0.600613	1.14724	1.14724	0.636312	1.13186	1.13186
cg02952978	DPYSL5	0.00213167	0.210117	1.48903	1.48903	0.0180247	2.37768	2.37768	0.589271	1.17858	1.17858	0.000297711	5.89934	5.89934	0.852414	0.945406	-1.05775
cg12045002	DPYSL5	0.00513635	0.00148312	0.295764	-3.38108	0.925279	1.02524	1.02524	0.741112	0.915669	-1.0921	0.473377	1.21383	1.21383	0.0561107	0.562768	-1.77693
cg14455516	DPYSL5	0.0067017	0.199389	0.520319	-1.9219	0.820147	0.89608	-1.11597	0.916879	1.05159	1.05159	0.0185338	3.95861	3.95861	0.0549724	0.350442	-2.85354
cg17029156	DPYSL5	0.00807275	0.955696	0.971803	-1.02901	0.444123	0.669222	-1.49427	0.986596	0.991389	-1.00869	0.000183047	0.0385321	-25.9524	0.624216	1.28941	1.28941
cg27443598	DPYSL5	0.0200111	0.795356	0.918533	-1.08869	0.516395	0.806451	-1.24	0.0329653	2.26006	2.26006	0.00111197	4.80946	4.80946	0.52945	0.811978	-1.23156
cg26195812	DPYSL5	0.0265639	0.838782	1.04055	1.04055	0.0600415	1.51275	1.51275	0.116328	1.39512	1.39512	0.645842	0.913668	-1.09449	0.361626	0.832789	-1.20078
cg25121609	DPYSL5	0.044293	0.489552	0.874482	-1.14353	0.00736535	1.93458	1.93458	0.435088	1.16435	1.16435	0.671051	1.08505	1.08505	0.741581	1.06527	1.06527
cg06721411	DQX1	0.00445122	0.867662	0.951477	-1.051	0.0220084	0.440738	-2.26892	0.00515376	0.33229	-3.00942	0.728175	1.10967	1.10967	0.000918318	0.228268	-4.38082
cg25182501	DQX1	0.0262644	0.00795075	0.11478	-8.71233	0.413144	0.587288	-1.70274	0.0270317	0.189122	-5.2876	0.600367	0.714436	-1.39971	0.11657	0.33799	-2.95867
cg06151718	DQX1;DQX1	0.00024992	0.674843	0.951866	-1.05057	0.301998	0.882476	-1.13317	0.00217695	1.65335	1.65335	0.000241619	2.03405	2.03405	0.000428301	0.521123	-1.91893
cg02034222	DQX1;DQX1	0.0430067	0.165888	0.679262	-1.47219	0.214875	1.40738	1.40738	0.620042	1.13976	1.13976	0.212447	1.41021	1.41021	0.0607184	0.574978	-1.7392
cg11251232	DR1	0.00931607	0.679933	1.06123	1.06123	0.712285	1.0545	1.0545	0.638725	1.07009	1.07009	0.47696	1.10915	1.10915	0.124077	1.26943	1.26943
cg02421543	DR1	0.0132994	0.605739	1.11296	1.11296	0.37043	1.20811	1.20811	0.003418	0.441466	-2.26518	0.679177	1.08925	1.08925	0.032332	0.597428	-1.67384
cg10319137	DR1;DR1	0.00170682	0.724661	0.966923	-1.03421	0.0637507	1.21924	1.21924	0.104429	1.18391	1.18391	0.729398	1.03358	1.03358	0.000829798	0.619591	-1.61397
cg07905054	DRAM1	0.000102448	2.92E-05	0.190117	-5.25991	0.293927	1.24672	1.24672	0.0162792	0.551496	-1.81325	0.00951567	0.514098	-1.94515	0.000237716	0.291397	-3.43174
cg05155042	DRAM1	0.0022408	0.00164917	0.169885	-5.88632	0.0464882	0.407684	-2.45288	0.000181803	0.0827987	-12.0775	0.850759	0.928565	-1.07693	0.364998	0.69332	-1.44234
cg27425327	DRAM1	0.00325697	0.00710198	0.270955	-3.69066	0.00117408	0.167306	-5.97707	0.00179181	0.188574	-5.30295	0.0144176	0.32232	-3.10251	0.00430385	0.238518	-4.19255
cg18394118	DRAM1	0.00363616	0.00283562	0.369049	-2.70967	0.00249977	0.361057	-2.76964	0.00347838	0.382203	-2.61641	0.00351125	0.382815	-2.61223	0.00903794	0.447164	-2.23632
cg10143723	DRAM1	0.00632101	0.155384	0.896076	-1.11598	0.148273	1.11843	1.11843	0.103044	1.13737	1.13737	0.127284	1.12639	1.12639	0.155416	1.11597	1.11597
cg14286373	DRAM1	0.00652765	0.540679	0.806762	-1.23952	0.330054	0.705766	-1.4169	0.00243281	0.231536	-4.31899	0.423602	1.32757	1.32757	0.000536476	0.154529	-6.47129
cg18557387	DRAM1	0.0152619	0.109001	0.693716	-1.44151	0.00491363	2.18079	2.18079	0.29479	0.796653	-1.25525	0.619572	0.900584	-1.11039	0.0895258	1.47945	1.47945
cg03704355	DRAM1	0.0302661	0.390203	1.16214	1.16214	0.23696	0.809408	-1.23547	0.910733	0.981042	-1.01932	0.118625	1.33523	1.33523	0.212092	1.25146	1.25146
cg19722371	DRAM1	0.0389112	0.0337452	0.74286	-1.34615	0.0256	0.727648	-1.37429	0.116809	0.815242	-1.22663	0.35571	0.892353	-1.12063	0.832669	1.02569	1.02569
cg01744987	DRAM1	0.0496797	0.124485	0.824746	-1.21249	0.545591	1.07343	1.07343	0.323642	1.12535	1.12535	0.846166	0.97775	-1.02276	0.701711	1.04559	1.04559
cg00321911	DRAM2	0.00500373	0.632304	0.875038	-1.14281	0.808108	0.934844	-1.0697	0.135428	1.56144	1.56144	0.220023	1.42916	1.42916	8.89E-05	0.143259	-6.98039
cg16164356	DRAM2;CEPT1;CEPT1	0.000381049	0.00555935	0.476457	-2.09883	0.000690957	0.348472	-2.86967	0.00923686	0.510427	-1.95914	0.100767	0.6936	-1.44175	0.000174025	0.273377	-3.65796
cg23677363	DRAM2;CEPT1;CEPT1	0.00190214	0.000607416	0.361013	-2.76998	0.080512	0.688135	-1.4532	0.273406	1.24579	1.24579	0.00969198	1.8795	1.8795	0.862984	0.967243	-1.03387
cg27234129	DRAM2;CEPT1;CEPT1	0.0120013	0.00153679	0.268824	-3.71991	0.592147	0.855667	-1.16868	0.0546766	0.533537	-1.87428	0.441059	0.79736	-1.25414	0.0228703	0.456203	-2.192
cg22191895	DRAP1;C11orf68;C11orf68	0.00122167	0.349819	0.942481	-1.06103	0.341085	1.06225	1.06225	0.097768	1.11831	1.11831	0.0684125	1.13381	1.13381	0.00369581	1.27315	1.27315
cg15777472	DRAP1;C11orf68;C11orf68	0.00657315	0.00766108	0.214636	-4.65906	0.00172462	0.134313	-7.44527	0.0704284	2.47892	2.47892	0.0727232	0.407039	-2.45677	0.546052	0.760111	-1.3156
cg17524078	DRD1	7.76E-05	0.106866	1.27117	1.27117	0.00111261	1.9246	1.9246	0.260955	0.852313	-1.17328	0.170624	0.819645	-1.22004	0.00470072	0.599257	-1.66873
cg01581781	DRD1	0.0482037	0.0252328	2.82513	2.82513	0.0421176	2.49396	2.49396	0.0559428	2.32815	2.32815	0.162057	1.79077	1.79077	0.0209575	2.95685	2.95685
cg00242031	DRD1	0.0489425	0.446838	0.857904	-1.16563	0.0144496	1.81449	1.81449	0.161806	1.34353	1.34353	0.332311	0.820618	-1.21859	0.197832	1.30873	1.30873
cg25022311	DRD2;DRD2	0.00106934	0.0273042	0.564743	-1.77072	0.0142054	0.515904	-1.93835	0.155652	0.717217	-1.39428	0.410588	1.20213	1.20213	0.902058	1.0273	1.0273
cg26132809	DRD2;DRD2	0.00118186	0.0102117	1.88253	1.88253	0.00619592	2.0082	2.0082	0.21967	0.777149	-1.28675	0.0121603	0.543096	-1.8413	0.397615	0.844348	-1.18435
cg14809166	DRD2;DRD2	0.00176848	0.000831177	0.308213	-3.24451	0.000575132	0.287513	-3.4781	0.190583	0.723098	-1.38294	0.0660767	0.617372	-1.61977	0.000388361	0.266226	-3.7562
cg19730798	DRD2;DRD2	0.00371689	0.0544179	0.444434	-2.25005	0.54245	1.25747	1.25747	0.580695	0.81277	-1.23036	0.978666	1.00999	1.00999	0.000583836	0.138697	-7.20997
cg21330703	DRD2;DRD2	0.00630125	0.0410889	0.469123	-2.13164	0.0143283	2.63707	2.63707	0.360714	0.739529	-1.35221	0.026488	0.429653	-2.32746	0.0404498	0.467658	-2.13831
cg20629239	DRD2;DRD2	0.00742867	0.11196	0.586725	-1.70438	0.00367466	3.35287	3.35287	0.59927	0.849303	-1.17744	0.0621084	0.5236	-1.90985	0.0180106	0.412603	-2.42364
cg03691958	DRD2;DRD2	0.0121872	0.0336034	0.467554	-2.13879	0.147324	0.621101	-1.61004	0.430829	1.27926	1.27926	0.148527	1.60745	1.60745	0.000439442	0.182539	-5.47829
cg12176709	DRD2;DRD2	0.0143006	0.0792831	0.58669	-1.70448	0.00438218	2.83363	2.83363	0.273568	0.732065	-1.366	0.804093	0.934231	-1.0704	0.149547	0.655101	-1.52648
cg12758687	DRD2;DRD2	0.0171472	0.0317114	2.82532	2.82532	0.142646	1.91541	1.91541	0.296289	0.639762	-1.56308	0.0760695	0.443007	-2.2573	0.121031	0.499858	-2.00057
cg08948964	DRD2;DRD2	0.0174122	0.0198725	0.297549	-3.36079	0.0748073	0.425021	-2.35283	0.0782959	0.430271	-2.32412	0.563351	1.28647	1.28647	0.00138523	0.135492	-7.38053
cg21013206	DRD2;DRD2	0.0203578	0.00616658	0.160373	-6.23548	0.0583132	0.334165	-2.99254	0.0409775	0.298682	-3.34804	0.41854	0.654757	-1.52728	0.00975714	0.187426	-5.33544
cg15912040	DRD3;DRD3	0.00425732	0.828528	1.02564	1.02564	0.00771939	0.670728	-1.49092	0.00282591	0.618839	-1.61593	0.386685	1.1091	1.1091	0.000988126	0.564796	-1.77055
cg24167473	DRD3;DRD3	0.0139093	0.632081	0.835786	-1.19648	0.0591402	0.452781	-2.20857	0.00622275	0.265486	-3.76668	0.535432	0.791855	-1.26286	0.0237691	0.3666	-2.72777
cg25836326	DRD3;DRD3	0.0222966	0.0494067	0.439667	-2.27445	0.0131214	0.323939	-3.087	0.556658	0.804243	-1.24341	0.184301	0.596872	-1.6754	0.00562374	0.263973	-3.78826
cg08852963	DRD3;DRD3	0.0279398	0.495102	1.27485	1.27485	0.0216175	2.62973	2.62973	0.0859317	1.94492	1.94492	0.385662	1.36582	1.36582	0.0440072	0.444296	-2.25075
cg01845356	DRD3;DRD3	0.0323768	0.0140245	0.231172	-4.32579	0.145656	0.470324	-2.12619	0.425088	0.67483	-1.48186	0.22774	0.542617	-1.84292	0.00911953	0.202015	-4.95013
cg08479865	DRD3;DRD3;DRD3;DRD3	2.58E-05	3.26E-05	0.108997	-9.1746	0.000336947	0.204576	-4.88815	0.00229851	0.310424	-3.2214	0.0127113	0.427357	-2.33996	1.65E-05	0.0877143	-11.4006
cg06825142	DRD4	2.04E-05	0.0565101	0.577704	-1.73099	0.965743	1.01097	1.01097	0.962469	0.988113	-1.01203	0.518646	1.18091	1.18091	0.0684439	0.595468	-1.67935
cg12928379	DRD4	2.80E-05	0.882237	0.953107	-1.0492	0.803784	0.922508	-1.084	0.870158	0.948375	-1.05444	0.0985061	0.55596	-1.79869	0.00985208	0.347532	-2.87743
cg00556112	DRD4	6.71E-05	0.751335	0.924038	-1.08221	0.97736	0.992973	-1.00708	0.301184	1.30501	1.30501	0.929537	0.978261	-1.02222	0.370831	0.795835	-1.25654
cg23501406	DRD4	7.83E-05	0.0374205	0.274988	-3.63653	0.15103	0.439291	-2.27639	0.169974	2.18443	2.18443	0.791962	1.15178	1.15178	6.85E-06	0.00483687	-206.745
cg15861585	DRD4	0.00020729	0.0196068	0.323866	-3.08769	0.715414	1.15766	1.15766	0.321235	1.50641	1.50641	0.594491	1.23964	1.23964	0.000655687	0.123968	-8.06659
cg20931042	DRD4	0.000453101	0.446559	0.761651	-1.31294	0.762006	1.11248	1.11248	0.646869	0.850551	-1.17571	0.818403	0.922463	-1.08405	0.401864	0.740009	-1.35133
cg08726248	DRD4	0.000483872	0.00124937	0.0772	-12.9534	0.420665	0.639565	-1.56356	0.073098	2.96236	2.96236	0.367172	1.65417	1.65417	0.00179078	0.0894305	-11.1819
cg14433983	DRD4	0.000553399	0.115417	1.80093	1.80093	0.0268106	2.46363	2.46363	0.000598008	6.17621	6.17621	0.112115	1.81239	1.81239	0.000624902	0.163923	-6.10042
cg23231692	DRD4	0.00251504	0.780349	0.937628	-1.06652	0.657187	0.90222	-1.10838	0.0621161	0.616413	-1.62229	0.863614	0.961167	-1.0404	4.25E-05	0.166465	-6.00728
cg01616529	DRD4	0.00432417	0.259676	0.528537	-1.89202	0.0396965	3.63199	3.63199	0.132089	2.41425	2.41425	0.140589	2.36227	2.36227	0.00305474	0.110784	-9.02654
cg09133032	DRD4	0.00564943	0.0354091	3.97477	3.97477	0.00162616	12.7288	12.7288	0.0116513	5.90737	5.90737	0.216104	2.0821	2.0821	0.288903	1.85934	1.85934
cg09607276	DRD4	0.0110511	0.066894	0.185078	-5.40312	0.897674	0.899728	-1.11145	0.410153	0.500711	-1.99716	0.171124	0.302174	-3.30935	0.00603725	0.0525674	-19.0232
cg06299284	DRD4	0.0149009	0.0135183	16.5243	16.5243	0.0400528	8.8213	8.8213	0.0254202	11.4431	11.4431	0.105336	5.07124	5.07124	0.177772	0.268733	-3.72116
cg09386376	DRD4	0.0173967	0.110687	0.553558	-1.80649	0.639522	1.17411	1.17411	0.246655	1.51014	1.51014	0.891914	0.954795	-1.04735	0.0048977	0.281195	-3.55625
cg03909863	DRD4	0.0317877	0.737872	0.713903	-1.40075	0.137186	4.98442	4.98442	0.244747	3.39022	3.39022	0.344828	2.65452	2.65452	0.00960567	0.0372743	-26.8282

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27394057	0.0235188	0.488199	-2.04835	0.637938	0.881937	-1.13387	0.0337358	0.518285	-1.92944	0.423198	0.805076	-1.24212	6.68596	7.43925	0.989037	1
cg17708240	0.0141534	0.246597	-4.05519	0.00640621	0.193938	-5.1563	0.0041981	0.169769	-5.89036	0.0537905	0.363274	-2.75274	5.69565	19.2907	3.01059	1
cg12578575	0.0892727	0.375852	-2.66062	0.0129639	0.199786	-5.00534	0.0107467	0.187514	-5.33293	0.0873155	0.373131	-2.68002	5.48359	23.6865	3.83957	1
cg26797895	0.000104017	0.428298	-2.33482	0.0770086	1.27503	1.27503	7.73E-05	0.412917	-2.4218	0.19309	0.843506	-1.18553	96.8073	23.4092	0.214945	1
cg26220985	0.196356	0.585813	-1.70703	0.00949964	0.276332	-3.61884	0.0555148	0.42765	-2.33836	0.0156673	0.313615	-3.18863	4.00679	9.72324	2.15706	1
cg11387286	0.00200868	0.389679	-2.56622	0.00786319	0.478411	-2.09025	0.68259	1.09296	1.09296	0.2612	1.28831	1.28831	15.947	11.8051	0.658017	1
cg20013963	0.295349	1.29767	1.29767	0.00181488	0.344859	-2.89974	0.281308	1.30848	1.30848	0.0912216	0.639763	-1.56308	11.784	10.7601	0.811652	1
cg27303959	0.021747	0.741344	-1.3489	0.00369069	0.652868	-1.5317	0.00215776	0.62628	-1.59673	0.193643	1.16119	1.16119	8.14952	1.52378	0.166202	1
cg17907730	0.0282643	0.367968	-2.71763	0.00189078	0.17314	-5.77567	0.000470745	0.107685	-9.28632	0.565201	1.24476	1.24476	9.37181	20.5371	1.7044	1
cg11437223	0.0027818	0.120839	-8.27546	0.0396678	0.295498	-3.38412	0.0343133	0.282149	-3.54423	0.954002	1.03	1.03	7.83814	32.6028	3.69734	1
cg15950665	0.0188945	0.682687	-1.4648	0.00145894	0.539496	-1.85358	0.689828	1.05533	1.05533	0.571152	1.07987	1.07987	6.35471	1.81394	0.253732	1
cg16045911	0.0061732	0.536769	-1.863	0.115832	1.34681	1.34681	0.499328	1.12688	1.12688	0.248093	0.810315	-1.23409	5.17188	2.4855	0.427182	1
cg25557260	0.089617	0.623622	-1.60353	0.939791	1.01924	1.01924	0.824021	0.94535	-1.05781	0.15867	0.68373	-1.46257	4.98184	5.02392	0.896397	1
cg24927974	0.346473	1.54316	1.54316	0.0569459	0.381366	-2.62216	0.0565256	0.380581	-2.62756	0.814175	0.9	-1.11111	4.20647	13.3401	2.81896	1
cg03301989	0.00495599	1.49244	1.49244	0.0899562	0.817801	-1.22279	0.957219	1.00579	1.00579	0.126074	1.19498	1.19498	4.07359	0.747207	0.163046	1
cg14116056	0.371848	0.5921	-1.6889	0.0284158	0.227976	-4.38642	0.891217	1.08135	1.08135	0.0236979	0.213622	-4.68117	3.83784	19.8585	4.59945	1
cg06244512	0.0391507	1.21528	1.21528	0.00920617	1.31005	1.31005	0.184966	1.12169	1.12169	0.0680449	1.18166	1.18166	16.2651	1.71874	0.093929	1
cg10089847	0.195602	0.854695	-1.17001	0.04285	0.765377	-1.30655	0.756532	0.964953	-1.03632	0.0736658	1.25702	1.25702	7.18147	1.49673	0.185258	1
cg03763624	0.494176	0.749137	-1.33487	0.0243005	3.05534	3.05534	0.307273	1.55222	1.55222	0.326017	0.655812	-1.52483	3.48916	9.56418	2.43654	1
cg02503815	0.378953	1.20856	1.20856	0.907093	0.975796	-1.0248	0.000532927	3.10031	3.10031	0.00538694	2.15741	2.15741	8.69658	6.0661	0.620024	1
cg24617568	0.0321587	2.97679	2.97679	0.00110093	8.09771	8.09771	0.00168073	7.04371	7.04371	0.0048355	5.07674	5.07674	6.52602	19.5305	2.6602	1
cg12456681	0.0869848	1.64681	1.64681	0.00216514	3.11439	3.11439	0.00268445	2.98939	2.98939	0.00402235	2.7729	2.7729	5.54785	6.12047	0.980634	1
cg13981483	0.630906	0.945199	-1.05798	4.79E-05	0.410148	-2.43814	0.133355	0.828192	-1.20745	0.0466218	0.766997	-1.30379	8.7219	1.87237	0.190822	1
cg22892237	0.140365	1.27927	1.27927	0.00194654	0.506392	-1.97475	0.451795	1.12641	1.12641	0.0665581	0.726555	-1.37636	6.76122	2.58175	0.339419	1
cg11416386	0.902839	0.979882	-1.02053	0.0184538	0.621475	-1.60908	0.311504	0.840091	-1.19035	0.13707	1.3054	1.3054	6.22116	2.72865	0.389875	1
cg16792347	0.854412	1.02427	1.02427	0.0003454	0.471538	-2.12072	0.400519	0.893735	-1.1189	1.80E-05	0.318651	-3.13823	47.5953	12.8474	0.239938	1
cg04664127	0.0421062	1.59638	1.59638	5.70E-05	4.44639	4.44639	0.442012	0.855063	-1.1695	0.00614081	2.0424	2.0424	9.86509	6.23327	0.561646	1
cg13204435	0.0579351	1.19202	1.19202	0.00720842	0.752633	-1.32867	0.0760873	0.850661	-1.17556	0.89933	1.01042	1.01042	4.67101	0.496734	0.0945281	1
cg25632114	0.116944	0.867688	-1.15249	0.624488	1.04197	1.04197	0.558443	1.05055	1.05055	0.0208238	1.26088	1.26088	3.59486	0.395348	0.0977565	1
cg14329673	0.244523	1.11769	1.11769	0.0183564	0.769882	-1.2989	0.0640904	0.826828	-1.20944	0.340949	1.09383	1.09383	6.9479	0.919016	0.117576	1
cg17130580	0.404722	1.15226	1.15226	0.000200782	0.354395	-2.82171	0.157143	0.777625	-1.28597	0.848719	1.03225	1.03225	6.06693	2.65524	0.389029	1
cg16259886	0.591189	1.0943	1.0943	0.000303502	0.376915	-2.65311	0.494958	1.12207	1.12207	0.661721	0.929439	-1.07592	4.72335	2.06638	0.388873	1
cg14200127	0.0487387	2.09267	2.09267	0.00318399	3.74859	3.74859	0.0329624	2.26642	2.26642	0.121057	0.57608	-1.73587	8.40362	14.3242	1.51514	1
cg11232368	0.0946952	1.35337	1.35337	0.000425616	0.398811	-2.50745	0.886289	1.02385	1.02385	0.356991	1.16891	1.16891	7.28414	3.13126	0.382109	1
cg18645035	0.0946026	1.67017	1.67017	0.00728332	0.380507	-2.62807	0.0859797	1.6984	1.6984	0.568506	0.851373	-1.17457	4.77708	5.8966	1.0972	1
cg23057232	0.0583667	1.90774	1.90774	0.601491	1.17248	1.17248	0.0850346	1.77722	1.77722	0.0413544	0.491378	-2.03509	4.65736	6.72642	1.28378	1
cg07313437	0.0194656	0.490248	-2.03979	0.247766	1.35658	1.35658	0.683906	1.10883	1.10883	0.0262586	0.51412	-1.94507	3.89238	3.92665	0.896715	1
cg06347996	0.00837846	0.646876	-1.54589	0.717928	0.95417	-1.04803	0.601864	1.07044	1.07044	0.00728455	0.639167	-1.56454	7.52085	1.99213	0.235449	1
cg18269457	0.0209686	0.632337	-1.58144	0.0191604	0.626419	-1.59638	0.244652	1.22243	1.22243	0.00452172	0.535614	-1.86701	7.47573	3.22406	0.383352	1
cg13693260	0.554933	1.07774	1.07774	0.79796	0.968354	-1.03268	0.113816	1.24069	1.24069	0.00931579	1.51212	1.51212	3.748	0.932876	0.221244	1
cg12896922	0.000347348	0.384886	-2.59817	6.86E-05	0.298761	-3.34716	0.0414371	0.676872	-1.47738	3.66E-06	0.165438	-6.04457	31.482	13.7317	0.387713	1
cg09929374	0.00116329	1.7781	1.7781	0.5415	1.07744	1.07744	0.0440143	1.32219	1.32219	0.534625	1.07885	1.07885	10.2715	2.36927	0.205034	1
cg00021978	0.788942	1.05381	1.05381	0.00103843	2.58265	2.58265	0.220171	1.28639	1.28639	0.947548	1.01294	1.01294	8.36518	5.05617	0.537272	1
cg20774846	0.642346	1.2888	1.2888	0.279725	1.83968	1.83968	0.00529497	7.34408	7.34408	0.0446228	3.49308	3.49308	5.37844	25.0672	4.14282	1
cg07142723	0.0756273	0.510542	-1.9587	0.0361504	0.436792	-2.28942	0.0219071	0.392661	-2.54673	0.84297	1.06975	1.06975	4.84753	8.87217	1.62689	1
cg14015441	0.666455	0.65459	-1.52767	0.529443	0.536574	-1.86368	0.00415265	42.7185	42.7185	0.0178266	16.6857	16.6857	4.42397	66.9075	13.4434	1
cg16783744	0.412389	0.3742	-2.67237	0.757595	0.695512	-1.43779	0.00615098	66.1616	66.1616	0.0244646	23.1929	23.1929	3.54594	77.2554	19.3662	1
cg17087640	0.536695	0.66246	-1.50953	0.83054	1.1515	1.1515	0.0033167	13.9059	13.9059	0.019858	6.36526	6.36526	5.10009	34.9969	6.09957	1
cg00441434	0.467838	0.853302	-1.17192	0.00193704	0.389898	-2.56477	0.000500548	0.310661	-3.21894	0.20992	0.752944	-1.32812	8.44238	6.16651	0.649266	1
cg18825258	0.221508	1.13585	1.13585	0.00299212	0.667883	-1.49727	0.63956	0.954319	-1.04787	0.137274	1.17194	1.17194	7.19433	1.11969	0.138342	1
cg10075360	0.0665943	2.20035	2.20035	0.00315595	4.6957	4.6957	0.00468923	4.22489	4.22489	0.0243425	2.79792	2.79792	5.58913	13.0115	2.06934	1
cg08446255	0.279763	0.901868	-1.10881	0.0144782	0.758092	-1.3191	0.104331	0.84941	-1.17729	0.420346	1.07861	1.07861	5.46407	0.731227	0.118955	1
cg14967899	0.856758	0.981509	-1.01884	0.000610762	0.579627	-1.72525	0.359185	0.907204	-1.10229	0.606459	1.05514	1.05514	4.6333	0.783009	0.150219	1
cg00718883	0.179042	1.96001	1.96001	0.0250756	3.51271	3.51271	0.00333177	6.57862	6.57862	0.027946	3.40208	3.40208	4.38598	15.439	3.12895	1
cg01214321	0.223086	0.918327	-1.08894	0.056308	0.866026	-1.1547	0.00483646	0.779788	-1.2824	0.80997	1.01616	1.01616	4.05194	0.284249	0.0623568	1
cg19630951	0.0115767	1.24382	1.24382	0.000209487	1.53513	1.53513	0.0325519	1.18876	1.18876	0.391683	1.06253	1.06253	11.6027	0.877776	0.0672469	1
cg08418076	0.220631	0.712549	-1.40341	0.025759	0.498104	-2.00761	0.874694	1.04241	1.04241	0.0342812	0.522064	-1.91548	10.3022	11.3018	0.975132	1
cg04185123	0.0296879	0.530704	-1.88429	0.0972685	0.637317	-1.56908	0.304272	1.30131	1.30131	0.0179474	0.490698	-2.03791	8.73089	8.47358	0.862692	1
cg09639133	0.0968457	0.34335	-2.91248	0.00145883	0.067459	-14.8238	0.0155819	0.175586	-5.6952	0.0607124	0.289318	-3.4564	5.09953	27.7858	4.8433	1
cg21835622	0.205338	0.779601	-1.28271	0.536469	1.12371	1.12371	0.0033346	0.474998	-2.10527	0.566104	0.897559	-1.11413	4.66449	2.56489	0.488778	1
cg22839587	0.140295	0.402256	-2.48598	0.166897	0.42918	-2.33002	0.556367	0.710696	-1.40707	0.020149	0.200138	-4.99654	3.86656	20.1767	4.63846	1
cg11572744	0.397812	1.29238	1.29238	0.0650034	0.541264	-1.84753	0.037799	2.04141	2.04141	0.755668	1.09689	1.09689	3.54044	4.92149	1.23563	1
cg05333368	0.090174	1.3469	1.3469	1.16E-05	0.227058	-4.40415	0.0680652	1.38521	1.38521	0.86263	1.028	1.028	24.4664	9.85438	0.35802	1
cg10144198	0.296393	1.15872	1.15872	0.00189248	0.549324	-1.82042	0.000190212	0.424946	-2.35324	0.495879	0.91021	-1.09865	19.7266	5.78377	0.260619	1
cg08753373	0.0823475	0.646886	-1.54587	0.020777	0.532596	-1.8776	0.0109234	2.06081	2.06081	0.297996	1.27659	1.27659	11.6573	9.45902	0.721268	1
cg27554514	?	?	?	0.952336	0.971283	-1.02957	0.0286937	3.51799	3.51799	0.934937	1.0406	1.0406	11.5694	38.6986	3.34491	1
cg14868466	0.0352278	1.8276	1.8276	0.314308	1.29154	1.29154	0.33704	1.27551	1.27551	0.143668	0.679577	-1.4715	8.20192	7.85196	0.850961	1
cg12250896	7.29E-05	0.0904547	-11.0553	0.0945371	0.542367	-1.84377	0.527955	0.808254	-1.23724	0.99782	1.00091	1.00091	7.24786	12.7224	1.5603	1
cg24226115	0.0333761	1.63839	1.63839	0.519971	1.13827	1.13827	0.0255861	1.69332	1.69332	0.0184591	1.76393	1.76393	4.41312	2.75605	0.555122	1
cg03304019	0.220198	1.36638	1.36638	0.567699	0.869468	-1.15013	0.243968	1.3434	1.3434	0.934956	1.01996	1.01996	3.91389	3.63522	0.8256	1
cg07937082	0.205534	0.728222	-1.37321	0.223249	1.35512	1.35512	0.986259	1.0041	1.0041	0.0918453	0.643571	-1.55383	3.84341	3.43259	0.793876	1
cg02503633	0.402928	0.877002	-1.14025	0.00939055	1.65694	1.65694	0.853784	1.02869	1.02869	0.627725	1.07781	1.07781	3.39769	1.26518	0.330991	1
cg23332900	0.472063	0.948452	-1.05435	6.46E-09	5.87822	5.87822	1.49E-07	3.28192	3.28192	0.00299181	1.34261	1.34261	132.526	10.9877	0.0736971	1
cg01519714	8.66E-07	0.0382827	-26.1214	0.522537	1.17529	1.17529	0.440417	0.82195	-1.21662	0.475122	1.19841	1.19841	27.2466	26.8009	0.87435	1
cg09704217	0.00457823	2.5622	2.5622	0.0961902	1.57667	1.57667	0.000227281	0.217128	-4.60559	0.482731	0.837106	-1.19459	13.4961	13.2779	0.874523	1
cg06167664	1.37E-05	10.6251	10.6251	0.0439223	0.547642	-1.82601	0.691947	1.10911	1.10911	0.369886	1.27056	1.27056	13.0398	13.9651	0.951969	1
cg02952978	0.0154055	2.45042	2.45042	0.00121879	4.16564	4.16564	0.000593585	4.94591	4.94591	0.182506	1.53185	1.53185	9.4642	13.6209	1.27929	1
cg12045002	0.150942	1.50531	1.50531	0.0186853	0.468874	-2.13277	0.000589711	0.244009	-4.09821	0.285261	0.744586	-1.34303	7.27852	8.13966	0.994056	1
cg14455516	0.458556	0.69512	-1.4386	0.0106282	4.7014	4.7014	0.000589623	12.9069	12.9069	0.586187	1.30324	1.30324	6.70542	24.6554	3.26839	1
cg17029156	0.0732924	2.79599	2.79599	0.463941	0.681298	-1.46779	0.991498	0.994529	-1.0055	?	?	?	6.4557	24.087	3.73113	1
cg27443598	0.679704	0.873076	-1.14538	0.168776	1.61509	1.61509	0.0156409	2.635	2.635	0.783322	1.09431	1.09431	4.70368	7.96287	1.5048	1
cg26195812	0.0791205	0.683605	-1.46283	0.00180671	0.420716	-2.3769	0.514763	0.879066	-1.13757	0.41313	1.17734	1.17734	4.26594	2.57233	0.535993	1
cg25121609	0.0116256	1.827	1.827	0.0579394	0.66394	-1.50616	0.574966	0.897401	-1.11433	0.547907	1.1232	1.1232	3.54647	2.05057	0.513955	1
cg06721411	0.029801	2.1439	2.1439	0.625465	0.863534	-1.15803	0.0281688	2.16652	2.16652	0.18143	0.654995	-1.52673	7.60282	10.7114	1.25234	1
cg25182501	0.0469429	0.235337	-4.24922	0.00283369	0.0731775	-13.6654	0.0233612	0.178424	-5.60463	0.624301	0.730512	-1.3689	4.2829	27.4498	5.69703	1
cg06151718	0.496324	0.922416	-1.08411	0.00650145	0.661302	-1.51217	0.00976362	1.46532	1.46532	0.00162261	0.589706	-1.69576	17.2915	3.74373	0.192451	1
cg02034222	0.54916	0.853301	-1.17192	0.00469001	0.373917	-2.67439	0.220081	1.40142	1.40142	0.164254	0.67811	-1.47469	3.58564	3.89043	0.964446	1
cg11251232	0.274545	0.84971	-1.17687	0.000160025	0.396943	-2.51925	0.54715	0.916426	-1.0912	0.922525	1.01403	1.01403	6.04571	1.96486	0.28889	1
cg02421543	0.179866	0.746185	-1.34015	0.00302692	0.433756	-2.30544	0.0409457	0.61575	-1.62404	0.0374976	0.608868	-1.64239	5.38988	3.60662	0.594797	1
cg10319137	0.501651	1.06701	1.06701	0.000329355	0.576022	-1.73605	0.277444	0.898139	-1.11341	0.0132197	1.33926	1.33926	10.0961	1.44651	0.127356	1
cg07905054	0.0267702	0.587709	-1.70152	9.65E-06	0.145168	-6.88855	0.149236	0.731051	-1.36789	0.00131788	0.388012	-2.57724	21.9978	14.2951	0.577639	1
cg05155042	?	?	?	0.36232	0.691821	-1.44546	0.0330238	2.66692	2.66692	0.0973087	0.488717	-2.04617	9.53887	20.7923	2.17974	1
cg27425327	0.0615782	0.453579	-2.20469	0.00420318	0.237059	-4.21836	0.00379068	0.230764	-4.33343	0.0133413	0.316348	-3.16107	8.35142	18.6454	1.98454	1
cg18394118	0.044458	0.571339	-1.75027	0.00243731	0.359464	-2.78192	0.0112505	0.462938	-2.16012	0.0135469	0.476602	-2.09819	8.08089	7.52837	0.828112	1
cg10143723	0.0379352	1.1897	1.1897	0.00325877	0.748615	-1.3358	0.131139	1.12484	1.12484	0.00188416	1.3744	1.3744	6.82822	0.563355	0.0733368	1
cg14286373	0.0559852	0.472107	-2.11816	0.0183403	0.370716	-2.69748	0.970116	1.01307	1.01307	0.0181523	0.369877	-2.7036	6.76046	12.8699	1.69218	1
cg18557387	0.715096	0.926166	-1.07972	0.00190477	2.50983	2.50983	0.421365	1.18751	1.18751	0.978836	1.00557	1.00557	5.15111	3.57131	0.616274	1
cg03704355	0.506968	0.891461	-1.12175	0.00105019	2.2873	2.2873	0.292178	0.82985	-1.20504	0.23571	1.23623	1.23623	4.07403	1.87919	0.41001	1
cg19722371	0.364529	0.894307	-1.11818	0.00316828	0.616745	-1.62142	0.674951	0.950693	-1.05186	0.229937	1.16301	1.16301	3.7207	0.846939	0.202337	1
cg01744987	0.138664	1.20281	1.20281	0.805399	1.02901	1.02901	0.0130862	0.700094	-1.42838	0.0125741	1.43264	1.43264	3.39642	0.721864	0.188922	1
cg00321911	0.454807	0.809929	-1.23468	0.496918	0.826141	-1.21045	0.998724	0.999557	-1.00044	0.0492049	0.537057	-1.862	7.33692	8.90967	1.07943	1
cg16164356	0.00368513	0.449812	-2.22315	0.000106481	0.248561	-4.02315	0.000138954	0.261876	-3.81861	0.0243205	0.579074	-1.72689	15.4049	10.1072	0.583207	1
cg23677363	0.824222	1.04383	1.04383	0.216817	1.28475	1.28475	0.000394808	0.336834	-2.96882	0.456528	0.863976	-1.15744	9.78372	5.76067	0.523379	1
cg27234129	0.0829916	0.575061	-1.73895	0.0019038	0.281442	-3.55313	0.0132025	0.41251	-2.42419	0.340896	0.753603	-1.32696	5.57329	7.33345	1.16962	1
cg22191895	0.00660163	0.80486	-1.24245	0.172838	1.0934	1.0934	0.0172093	1.19563	1.19563	8.06E-05	1.5496	1.5496	11.1148	0.666992	0.0533415	1
cg15777472	0.405471	1.46538	1.46538	0.0137462	0.254718	-3.9259	0.0163707	0.267825	-3.73379	0.023613	0.297183	-3.36493	6.7459	21.5351	2.83762	1
cg17524078	0.431165	1.11573	1.11573	2.46E-06	0.210758	-4.74477	0.106923	1.27112	1.27112	0.0112452	0.648669	-1.54167	23.6946	6.97183	0.261544	1
cg01581781	0.0292825	2.72426	2.72426	0.0107746	3.4913	3.4913	0.24936	1.59978	1.59978	0.0899748	2.07378	2.07378	3.43547	8.28757	2.14432	1
cg00242031	0.020961	1.73165	1.73165	0.092875	0.693867	-1.4412	0.738765	0.935983	-1.0684	0.177283	1.3277	1.3277	3.41574	2.11379	0.550078	1
cg25022311	0.827157	1.04901	1.04901	1.39E-05	0.137364	-7.27992	0.122093	0.69308	-1.44283	0.20928	0.748609	-1.33581	11.5447	8.75195	0.67386	1
cg26132809	0.744786	1.06589	1.06589	9.40E-05	0.256661	-3.89619	0.20384	1.29949	1.29949	0.382627	0.839542	-1.19113	11.2205	6.78106	0.537198	1
cg14809166	0.121324	1.48128	1.48128	0.747574	1.07846	1.07846	0.238614	0.749227	-1.33471	0.132356	0.683946	-1.4621	9.99284	8.65958	0.770291	1
cg19730798	0.717292	1.14466	1.14466	0.000251651	0.106144	-9.42116	0.0683753	0.468511	-2.13442	0.250097	0.639805	-1.56298	8.02782	17.5542	1.9437	1
cg21330703	0.671132	0.871837	-1.147	0.00118656	0.217269	-4.6026	0.0173003	0.394145	-2.53714	0.0262566	0.428895	-2.33157	6.83485	11.1631	1.45179	1
cg20629239	0.972573	1.01065	1.01065	0.00153101	0.24539	-4.07515	0.624835	1.16396	1.16396	0.40379	0.768604	-1.30106	6.49341	9.75966	1.33601	1
cg03691958	0.212412	0.66879	-1.49524	0.249089	0.691433	-1.44627	0.408451	1.29559	1.29559	0.830258	1.06797	1.06797	5.54556	8.23984	1.32075	1
cg12176709	0.900523	1.03482	1.03482	0.00235326	0.312962	-3.19527	0.354465	1.29792	1.29792	0.521631	0.837112	-1.19458	5.26297	6.24548	1.05483	1
cg12758687	0.185314	0.560265	-1.78487	0.0142676	0.287499	-3.47827	0.0113152	3.69947	3.69947	0.946533	1.02805	1.02805	4.95517	13.3504	2.39488	1
cg08948964	0.0158204	0.279541	-3.5773	0.0256611	0.318923	-3.13555	0.240923	0.589005	-1.69778	0.0634888	0.406694	-2.45885	4.92978	14.5147	2.61714	1
cg21013206	0.0969825	0.393265	-2.54281	0.00329164	0.128539	-7.77977	0.0303881	0.271518	-3.683	0.105954	0.404685	-2.47106	4.67628	19.4389	3.69505	1
cg15912040	0.798548	1.0303	1.0303	0.00415803	0.638733	-1.5656	0.445425	0.913226	-1.09502	0.249994	1.15061	1.15061	7.70606	1.66203	0.191714	1
cg24167473	0.154197	1.76332	1.76332	0.00224118	0.203667	-4.90998	0.926397	0.966225	-1.03496	0.0247988	0.370247	-2.7009	5.31122	11.6316	1.94668	1
cg25836326	0.0699196	0.475863	-2.10145	0.00302062	0.225456	-4.43546	0.134853	0.553938	-1.80526	0.0358675	0.408749	-2.44649	4.53305	9.64043	1.8904	1
cg08852963	0.0844828	1.9522	1.9522	0.0879726	0.516822	-1.9349	0.0128242	2.95486	2.95486	0.937924	0.973066	-1.02768	4.19096	8.15604	1.72987	1
cg01845356	0.0272114	0.283077	-3.5326	0.00695258	0.185236	-5.39853	0.0403521	0.318714	-3.13761	0.0722743	0.379636	-2.6341	3.97717	14.685	3.28207	1
cg08479865	0.0142992	0.436328	-2.29185	2.42E-06	0.0431439	-23.1783	0.00124685	0.273968	-3.65006	8.47E-05	0.143739	-6.95705	31.6727	37.8101	1.06113	1
cg06825142	5.50E-05	6.73984	6.73984	0.247095	0.735235	-1.36011	0.792169	1.06942	1.06942	4.25E-07	38.4162	38.4162	33.709	34.4806	0.909237	1
cg12928379	5.06E-05	11.7186	11.7186	0.278009	1.44125	1.44125	0.460622	1.27557	1.27557	7.35E-07	76.2167	76.2167	31.0128	51.5657	1.47797	1
cg00556112	0.00011792	5.33884	5.33884	0.546528	1.16374	1.16374	0.535792	0.855712	-1.16862	1.15E-06	23.0069	23.0069	24.6204	24.0806	0.869401	1
cg23501406	0.0607857	3.09543	3.09543	0.0209014	0.226312	-4.41869	0.00298269	8.82749	8.82749	0.000162043	31.2399	31.2399	23.6305	106.948	4.02298	1
cg15861585	0.0163747	3.23211	3.23211	0.00909014	0.265745	-3.76301	0.00232207	5.47725	5.47725	3.12E-05	25.7291	25.7291	18.1936	46.0595	2.25033	1
cg20931042	0.000986887	5.57528	5.57528	0.0966041	0.527216	-1.89676	0.951537	0.978896	-1.02156	1.05E-05	27.2861	27.2861	14.6858	28.6443	1.73375	1
cg08726248	0.0475299	3.42605	3.42605	0.0174084	0.207417	-4.8212	0.00552083	7.25391	7.25391	0.000270816	25.6396	25.6396	14.426	67.4409	4.15552	1
cg14433983	0.381748	1.36119	1.36119	0.000884021	0.180363	-5.54437	0.00541516	3.519	3.519	0.584859	1.2088	1.2088	13.8933	25.9983	1.66336	1
cg23231692	0.353895	0.802735	-1.24574	0.00240556	0.377568	-2.64853	0.439752	0.833998	-1.19904	0.746381	0.927969	-1.07762	9.01611	7.57822	0.747129	1
cg01616529	0.484053	1.47059	1.47059	0.0032304	0.113184	-8.83517	0.00390566	0.121642	-8.22087	0.640966	1.29007	1.29007	7.66981	35.723	4.1401	1
cg09133032	0.0259372	4.43468	4.43468	0.00226626	11.0926	11.0926	0.114222	0.37986	-2.63255	0.00922577	6.436	6.436	7.06909	35.5348	4.46825	1
cg09607276	0.301703	2.40789	2.40789	0.0384231	0.13947	-7.16999	0.264215	0.384529	-2.60058	0.00250964	31.4121	31.4121	5.72396	61.1431	9.49508	1
cg06299284	0.0343668	9.6268	9.6268	0.00943772	20.4653	20.4653	0.0128923	16.9934	16.9934	0.017007	14.4423	14.4423	5.19206	69.2287	11.8521	1
cg09386376	0.510083	1.25526	1.25526	0.0163243	0.368231	-2.71569	0.00368199	0.262957	-3.80291	0.938306	1.02669	1.02669	4.93125	9.04166	1.62982	1
cg03909863	0.284662	3.04987	3.04987	0.126815	0.19072	-5.24329	0.00883133	0.0352678	-28.3544	0.703237	1.46819	1.46819	4.0034	63.8305	14.1725	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2 vs. N)	Fold-Change(2 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5630 vs. N)	Fold-Change(5630 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg06469345	DRD5	0.0356071	0.0154612	1.22132	0.82532	0.675133	0.44286	1.44286	0.465472	0.531237	1.80214	0.690093	0.41128	0.1148	0.0784418	0.18633	0.36683	0.327664	0.419582	-2.38332	0.560807	0.603316	-1.65753	0.00652414	20.8674	0.202876	4.20725	4.80463	44.5188	10.4011	1
cg24772581	DRD5	0.0450223	0.136658	1.55415	1.554415	0.591645	1.19666	1.19666	0.578689	0.857055	-1.16679	0.352273	0.768567	-1.30112	0.161419	0.662826	1.50869	0.460872	1.2293	1.2293	0.93061	1.02424	1.02424	0.00197715	3.3265	3.3265	0.124999	1.5788	1.5788	0.37487	4.221558	1.06458	1
cg09191036	DRD5;DRD5	0.0396029	0.244245	1.76477	1.76477	0.556679	1.32513	1.32513	0.217194	1.83195	1.83195	0.80465	1.12249	1.12249	0.2684	0.584207	-1.71172	0.198419	0.530609	-1.88463	0.983443	0.990371	-1.00972	0.00207542	7.54876	7.54876	0.03854455	3.05717	3.05717	0.69669	12.7285	3.06065	1
cg03827767	DRG1	0.0090436	0.0496436	0.373947	-2.67418	0.245769	0.586729	-1.70454	0.00499351	0.195551	-5.11375	0.792804	0.1252	1.12257	0.00319446	0.0773855	-12.9224	0.0611809	0.395888	-2.52597	0.147005	0.506813	-1.98093	0.65585	1.21773	1.21773	0.302123	0.625293	-1.59925	6.1022	18.6445	2.71588	1
cg01809797	DRG1	0.0160881	0.181893	0.598732	-1.6702	0.1346065	0.330049	-3.02585	0.124865	0.548048	-1.82466	0.26701	0.51985	1.51985	0.0090496	0.30091	-3.32325	0.0731648	0.485134	-2.06137	0.00479045	0.257878	-3.8778	0.00725257	0.285382	-3.50408	0.432896	0.74846	0.100514	10.5051	1.84479	1
cg07462417	DRG1	0.0222788	0.139055	0.708146	-1.41214	0.992048	1.00216	1.00216	0.359842	1.22636	0.8805126	0.656044	1.5222	1.0272088	0.4721559	2.19703	0.0892804	0.666238	-1.50097	0.7068548	0.652818	-1.53182	0.4103313	1.20021	1.20021	0.013867	1.93289	1.93289	4.5343	3.3736	0.663349	1
cg27368651	DRG1	0.0315897	0.0254152	0.498464	-2.00616	0.699576	0.903369	-1.10697	0.936398	0.979301	-1.02114	0.156599	0.672257	-1.48753	0.00273488	0.3382639	2.95623	0.0915973	0.614564	-1.62717	0.507647	1.19262	1.19262	0.0903352	1.63089	1.63089	0.28358	0.746788	-1.33907	4.01235	4.36471	0.966949	1
cg16080799	DRG2	1.36E-05	0.318953	1.32971	1.132701	0.8986266	0.646559	-1.54665	0.0455626	0.0455626	1.82591	1.82591	0.2307	0.96047	-1.04123	0.381746	0.903953	-1.10624	0.000750755	1.7779	1.7779	0.00208745	0.7785534	-1.28443	3.26E-07	5.32114	5.32114	0.03232777	0.754223	-1.32587	37.9151	7.60661	0.178331	1
cg02208767	DRG2	7.94E-05	0.000226448	2.86992	2.868992	0.221858	0.801889	-1.24706	0.877848	0.978399	-1.02684	0.911985	0.989699	-1.01041	0.00442046	0.520335	1.92184	0.0715188	0.6068895	-1.64789	4.37E-05	3.79273	3.79273	2.84E-05	4.11709	4.11709	0.131232	1.3234	1.3234	23.55002	11.0285	0.416268	1
cg29384488	DRG2	0.00311759	0.0060479	0.574645	-1.7402	0.02241287	0.520523	-1.92114	0.0995276	1.33173	1.33173	0.0718866	0.733116	-1.36404	0.01202289	0.616349	-1.62246	0.00105474	0.473049	-2.11395	0.00416541	0.552486	-1.81	0.978231	1.00422	1.00422	0.0390209	0.691337	-1.44647	8.46091	3.199	0.336081	1
cg00618104	DRG2	0.0185234	0.0185234	1.53264	-1.87744	0.0107488	0.960794	-1.12877	0.0666966	0.634844	-1.5736	0.27636	0.770953	-1.28361	0.713686	0.0977	-1.08468	0.0507345	0.460821	-2.17004	0.440253	0.840668	-1.18953	0.00238484	2.54391	2.54391	0.466547	1.17749	1.17749	6.87571	5.28512	0.684551	1
cg02269272	DRG2	0.00974097	0.0258623	0.769282	-1.29991	0.370375	0.095049	-1.95549	0.587169	1.05586	1.05586	0.811338	1.02399	0.0498863	0.8332625	-1.19958	0.0914099	0.831686	1.20238	0.0345703	0.783229	-1.27677	0.00252722	1.51537	1.51537	0.0284873	1.29214	1.29214	0.96019	0.927905	0.138381	1
cg02003452	DRG2;MYO15A	0.0005623	0.122294	0.819632	-1.21991	0.00785259	0.653845	-1.43364	0.000389636	0.522397	-1.91462	0.00117109	0.550327	-1.8171	0.000266503	0.472207	2.11771	0.0026217	0.751757	-1.33027	0.00459077	0.600189	-1.66514	0.00922313	0.724651	-1.37998	0.13182	3.44932	0.221259	1
cg17227358	DRGX	5.24E-05	0.0110888	0.458878	-2.17923	3.45E-06	0.069116	-14.4684	0.000153937	0.204648	-4.88644	0.33537	0.784288	-1.27504	0.00177064	0.36038	-2.77505	0.000804002	0.29022	-3.44566	1.35E-05	0.107851	-9.27207	0.02084	0.506496	-1.97435	0.0169725	0.400618	-2.03824	26.2887	24.9071	0.842174	1
cg17494438	DRGX	0.00042396	0.163233	1.72256	1.72256	0.00053299	0.137295	-7.17491	0.00237236	0.21253	-4.70522	0.698069	0.8680212	-1.15206	0.985079	0.99319	-1.00686	0.0119513	0.318779	-3.14585	2.25E-05	0.0448869	-22.2782	0.648078	0.845415	-1.18285	0.00335272	0.232568	-4.29988	1.9541	32.6346	1.87989	1
cg10102713	DRGX	0.0089015	0.0824312	2.43332	2.43332	0.00109266	0.107868	-9.27061	0.183463	0.52081	-1.92008	0.542445	1.32978	1.32978	0.273573	1.6933	1.6933	0.0480409	0.184088	-5.4322	0.224402	0.554438	-1.80363	0.979463	1.01197	1.01197	0.113375	20.7574	5.00881	1
cg07472373	DRGX	0.0242875	0.0894925	1.31683	1.31683	0.0558908	0.727312	-1.37493	0.00914675	0.644669	-1.62689	0.211961	1.21323	1.21323	0.529094	1.09827	1.09827	0.735294	1.05115	1.05115	0.634079	0.931934	-1.07304	0.340734	0.865602	-1.15526	0.00656745	0.586591	-1.70476	4.4012	1.50638	0.304236	1
cg16756983	DRP2;DRP2	7.43E-05	0.00478423	0.538468	-1.86049	2.65E-05	0.219415	-4.28421	3.75E-05	0.265988	-3.81696	0.0102647	0.578631	-1.72822	0.000142394	0.329737	-3.03272	0.0582969	0.69639	-1.43558	0.00105814	0.440926	-2.26795	0.0174193	0.612889	-1.63159	2.28E-05	0.238279	-4.19676	23.9659	10.8549	0.402605	1
cg10499945	DRP2;DRP2	0.00452006	0.0249943	0.520178	-1.92242	0.03312786	0.371698	-2.69035	0.688787	0.60734	-1.64653	0.0627448	0.5170614	1.9341	0.0106704	0.608489	0.440471	-2.2703	0.00877397	0.441491	0.245194	0.0153753	0.376617	-2.65522	0.0394526	0.445994	-2.24218	0.958749	1.02175	1.02175	0.7605	7.19081	0.846642	1
cg01131961	DRP2;DRP2	0.0116751	0.630875	0.860379	-1.16228	0.253483	0.690426	-1.44838	0.01721147	0.405936	-2.46344	0.00421898	0.304195	-3.28737	0.00172174	0.249228	-4.01239	0.342003	1.35543	1.35543	0.317932	1.37803	1.37803	0.700487	1.12756	1.12756	0.355923	1.34307	1.34307	5.6233	8.59324	1.35835	1
cg14834331	DRP2;DRP2	0.0168664	0.0458047	0.413131	-2.42024	0.00845513	0.204556	-3.64513	0.0945354	0.440505	-2.27045	0.0602	0.215024	0.3617148	0.696283	-1.43632	0.0172263	0.583922	-1.71292	0.0106033	0.737773	-1.35571	0.0133595	0.306287	-3.26491	0.0107384	0.933985	0.997348	-2.51609	0.73302	0.176514	5.66811	0.144324	0.0492601	1.76544	0.0179	1
cg27540791	DRP2;DRP2;DRP2;DRP2	0.0329696	0.0316674	0.301419	-3.31764	0.00201835	0.12573	-7.95353	0.185552	0.512573	-1.95094	0.738529	0.852581	-1.17291	0.0684156	0.378606	-2.64127	0.308898	0.605709	-1.65096	0.0108076	0.217798	-4.5914	0.085452	0.404492	-2.47224	0.561544	0.756194	-1.32241	3.95136	14.1839	3.19077	1
cg23756219	DRP2;DRP2;DRP2;DRP2	0.0796268	0.0796268	0.147707	-2.69345	0.00902102	0.282369	-3.53021	0.1663928	0.572842	-1.74599	0.12553	0.674055	-1.48355	0.0539944	0.481427	-2.07791	0.0203708	0.298135	-3.35496	0.00478502	0.240671	-4.00464	0.0158149	0.325519	-3.07512	0.1193575	0.542504	-1.84331	5.78643	8.61228	2.03252	1
cg04180953	DSC1;DSC1	0.00404571	0.00526618	0.384867	-2.5983	0.532583	0.848705	-1.17827	0.0036454	0.36036	-2.77501	0.0262964	0.504649	-1.98157	0.000188038	0.194035	5.12991	0.655805	1.12347	1.12347	0.0512784	0.562152	-1.77888	0.247069	0.730444	-1.36903	0.0602408	0.576943	-1.73327	7.82564	8.34766	0.948184	1
cg24505073	DSC2;DSC2	0.00166244	0.475986	0.903407	-1.10692	0.000149796	0.401447	-2.49099	0.0595036	0.739395	-1.35246	0.456542	1.11213	1.11213	0.36693	1.1388	1.1388	0.259322	1.17931	1.17931	0.000723431	0.01594	2.05594	0.36451	0.877571	-1.19951	0.770608	0.959851	-1.04183	10.1733	3.16493	0.276534	1
cg23532701	DSC2;DSC2	0.01935057	0.4234471	0.8955	-1.11663	0.4174311	0.54384	-1.84226	0.2165051	0.636957	-1.56997	0.694983	0.810357	-1.2339	0.0549473	0.48293	-2.07048	0.2009	0.715443	1.39852	0.0183702	0.0153	2.11615	0.0113464	0.225037	-4.44372	0.487389	1.28361	0.403822	0.739123	1.35295	0.58278	10.6356	1.76286	1
cg19967492	DSC3;DSC3	6.61E-06	0.375501	1.1595	1.1595	0.122777	1.31267	1.31267	0.341292	1.17298	1.17298	0.942672	1.01177	1.01177	0.750648	1.05324	1.05324	0.881581	1.02455	1.02455	1.82E-06	6.91186	6.91186	1.79E-07	13.5995	13.5995	0.02221101	1.56208	1.56208	45.1517	18.9315	0.3727	1
cg25970832	DSC3;DSC3	0.0045802	0.0083933	0.1253439	-3.94573	0.0104427	0.155705	-6.42574	0.0003188	0.44374	0.00022456	1.31032	0.1128	1.8557	0.0031199	0.64036	-2.74236	0.002911	0.1489	1.0489	0.0185496	0.0001	2.67453	0.0214036	0.0553658	0.2135778	2.37877	4.61041	104.576	1.84587	1
cg15439862	DSC3;DSC3	6.08E-05	0.456648	1.14375	1.14375	0.222746	1.25482	1.25482	0.00039948	2.7811	2.7811	0.846961	0.966347	-1.03483	0.9922198	0.783285	1.27667	0.165286	1.76935	1.2998	0.130634	0.748854	-1.33157	0.0041	0.62054	9.6295	0.0538617	1.47373	1.47373	25.2779	12.5664	0.441892	1
cg26861703	DSC3;DSC3	0.00015547	0.00098621	5.32455	5.32455	0.25754	1.49706	1.49706	0.366571	0.728497	-1.37269	0.353016	0.721549	-1.38591	0.159327	0.598332	-1.67131	0.0984055	0.538506	-1.85699	0.000382141	0.144166	-6.93643	1.21E-05	23.4708	23.4708	0.6186351	0.842506	-1.18694	19.6661	36.3233	1.64178	1
cg18220719	DSC3;DSC3	0.0026012	0.0158285	0.631753	-1.58312	0.0153715	0.646559	-1.54665	0.0455626	0.0455626	1.82591	1.82591	0.2307	0.96047	-1.04123	0.381746	0.903953	-1.10624	0.000750755	1.7779	1.7779	0.00208745	0.7785534	-1.28443	3.26E-07	5.32114	5.32114	0.03232777	0.754223	-1.32587	37.9151	7.60661	0.178331	1
cg20029745	DSC3;DSC3	0.00027468	0.765665	1.09546	1.09546	0.203141	1.50921	1.50921	0.598337	1.17603	1.17603	0.819212	1.07233	1.07233	0.260178	1.43081	1.43081	0.155914	1.62936	1.58892	0.00670928	2.92244	2.92244	2.76E-06	30.942	30.942	0.369823	1.32434	1.32434	25.18326	24.8324	1.30977	1
cg24534277	DSC3;DSC3	0.0038285	0.1252465	1.35153	1.35153	0.0780415	0.972581	-1.07298	0.0228702	0.722543	-1.92754	0.0275847	-4.39475	0.00575863	0.0153458	0.382471	-2.61425	0.0025358	0.2188404	1.32611	0.0057994	0.0001	3.98886	0.0015149	0.0050192	0.2545917	1.1699	0.0051295	0.2770319	3.61097	4.99133	0.261	1
cg14719951	DSC3;DSC3	0.00059242	0.90592	1.0474	1.0474	0.507442	1.30138	1.30138	0.914877	1.04277	1.04277	0.785239	1.11293	1.11293	0.471502	0.750576	1.33231	0.587041	1.8066685	-1.23964	0.0538365	0.4242	-2.35738	6.47E-06	51.2718	51.2718	0.478566	1.32605	1.32605	13.6321	33.1301	2.16027	1
cg11834235	DSC3;DSC3	0.00071411	0.9503861	1.02328	1.02328	0.0396352	0.240185	2.41085	0.0158547	2.98265	2.98265	0.143588	1.78821	1.78821	0.86236	0.937838	-1.06628	0.695274	0.86451	-1.15673	0.836011	0.926206	-1.07967	7.81E-06	37.5202	37.5202	0.131195	1.82707	1.82707	12.95221	28.0585	1.92562	1
cg21832722	DSC3;DSC3	0.00033238	0.0013225	0.1707	-5.85691	0.0139484	0.629665	-1.58879	0.0023962	0.257299	-3.88472	0.1387	0.728777	1.37258	0.0001786	1.12665	0.852127	0.07941	-1.14351	0.0539944	0.0133857	0.24071	-4.00464	0.0015149	0.325519	-3.07512	0.1193575	0.542504	-1.84331	5.78643	8.61228	2.03252	1
cg04180953	DSC1;DSC1	0.00404571	0.00526618	0.384867	-2.5983	0.532583	0.848705	-1.17827	0.0036454	0.36036	-2.77501	0.0262964	0.504649	-1.98157	0.000188038	0.194035	5.12991	0.655805	1.12347	1.12347	0.0512784	0.562152	-1.77888	0.247069	0.730444	-1.36903	0.0602408	0.576943	-1.73327	7.82564	8.34766	0.948184	1
cg10794285	DSC3;DSC3	0.00137736	0.861449	1.07701	1.07701	0.4704542	0.380896	-2.62539	0.580324	1.26765	1.26765	0.715905	0.856229	-1.16791	0.513119	1.12641	1.12641	0.000551863	0.212464	-4.70667	0.0016068	6.83024	6.83024	0.000130418	16.7984	16.7984	0.88517	1.06329	1.06329	0.17397	10.6755	2.53801	1
cg03017530	DSC3;DSC3	0.00149115	0.00292887	9.81202	9.81202	0.00284645	9.92398	9.92398	0.765812	0.846283	-1.18164	0.0892373	0.350952	-2.84939	0.0934218	0.356646	-2.8039	0.0282293	0.235133	-4.25292	0.0305292	0.241649	-4.13823	0.000869114	16.3082	16.3082	0.2293116	0.494189	-2.02352	10.4975	51.9051	4.39515	1
cg14631834	DSC3;DSC3	0.00033811	0.0064333	0.1899	-5.26577	0.0144348	0.1577	-6.34177	0.0075425	0.38658	0.38658	7	?	?	?	?	?	?	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	1
cg25769881	DSC3;DSC3	0.00137736	0.861449	1.07701	1.07701	0.4704542	0.380896	-2.62539	0.580324	1.26765	1.26765	0.715905	0.856229	-1.16791	0.513119	1.12641	1.12641	0.000551863	0.212464	-4.70667	0.0016068	6.83024	6.83024	0.000130418	16.7984	16.7984	0.88517	1.06329	1.06329	0.17397	10.6755	2.53801	1
cg03017530	DSC3;DSC3	0.00149115	0.00292887	9.81202	9.81202	0.00284645	9.92398	9.92398	0.765812	0.846283	-1.18164	0.0892373	0.350952	-2.84939	0.0934218	0.356646	-2.8039	0.0282293	0.235133	-4.25292	0.0305292	0.241649	-4.13823	0.000869114	16.3082	16.3082	0.2293116	0.494189	-2.02352	10.4975	51.9051	4.39515	1
cg24245840	DSC3;DSC3	0.00183123	0.0014835	0.1555	-6.43163	0.0134284	0.26126	-3.82726	0.2165051	0.636957	-1.56997	0.694983	0.810357	-1.2339	0.0549473	0.48293	-2.07048	0.2009	0.715443	1.39852	0.0183702	0.0153	2.11615	0.0113464	0.225037	-4.44372	0.487389	1.28361	0.403822	0.739123	1.35295	0.58278	10.6356	1.76286	1
cg06263193	DSC3;DSC3	0.0134068	0.103955	3.35922	3.35922	0.0726764	0.91496	1.91496	0.260324	2.22602	2.22602	0.53307	0.650321	-1.5377	0.985876	0.988008	-1.01214	0.958067	0.964798	-1.03649	0.59129	1.44693	1.44693	0.000203139	69.8153	69.8153	0.552828	1.50565	1.50565	3.57571	39.5403	6.53959	1
cg15722695	DSC3;DSC3	0.0037296	0.3173986	0.823422	-1.21462	0.0048775	0.564356	-1.77178	0.0076254	0.540524	0.270362	0.74004	0.779839	-1.28339	0.7913662	0.909862	-1.09926	0.932181	1.0489	1.0489	0.0358696	0.0001	3.58399	0.0014036	0.0553658	0.2135778	2.37877	4.61041	104.576	1.84587	1
cg15439862	DSC3;DSC3	6.08E-05	0.456648	1.14375	1.14375	0.222746	1.25482	1.25482	0.00039948	2.7811	2.7811	0.846961	0.966347	-1.03483	0.9922198	0.783285	1.27667	0.165286	1.76935	1.2998	0.130634	0.748854	-1.33157	0.0041	0.62054	9.6295	0.0538617	1.47373	1.47373	25.2779	12.5664	0.441892	1
cg26861703	DSC3;DSC3	0.00015547	0.00098621	5.32455	5.32455	0.25754	1.49706	1.49706	0.366571	0.728497	-1.37269	0.353016	0.721549	-1.38591	0.159327	0.598332	-1.67131	0.0984055	0.538506	-1.85699	0.000382141	0.144166	-6.93643	1.21E-05	23.4708	23.4708	0.6186351	0.842506	-1.18694	19.6661	36.3233	1.64178	1
cg18220719	DSC3;DSC3	0.0026012	0.0158285	0.631753	-1.58312	0.0153715	0.646559	-1.54665	0.0455626	0.0455626	1.82591	1.82591	0.2307	0.96047	-1.04123	0.381746	0.903953	-1.10624	0.000750755	1.7779	1.7779	0.00208745	0.7785534	-1.28443	3.26E-07	5.32114	5.32114	0.03232777	0.754223	-1.32587	37.9151	7.60661	0.178331	1
cg20029745	DSC3;DSC3	0.00027468	0.765665	1.09546	1.09546	0.203141	1.50921	1.50921	0.598337	1.17603	1.17603	0.819212	1.07233	1.07233	0.260178	1.43081	1.43081	0.155914	1.62936	1.58892	0.00670928	2.92244	2.92244	2.76E-06	30.942	30.942	0.369823	1.32434	1.32434	25.18326	24.8324	1.30977	1
cg24534277	DSC3;DSC3	0.0038285	0.1252465	1.35153	1.35153	0.0780415	0.972581	-1.07298	0.0228702	0.722543	-1.92754	0.0275847	-4.39475	0.00575863	0.0153458	0.382471	-2.61425	0.0025358	0.2188404	1.32611	0.0057994	0.0001	3.98886	0.0015149	0.0050192	0.2545917	1.1699	0.0051295	0.2770319	3.61097	4.99133	0.261	1
cg14719951	DSC3;DSC3	0.00059242	0.90592	1.0474	1.0474	0.507442	1.30138	1.30138	0.914877	1.04277	1.04277	0.785239	1.11293	1.11293	0.471502	0.750576	1.33231	0.587041	1.8066685	-1.23964	0.0538365	0.4242	-2.35738	6.47E-06	51.2718	51.2718	0.478566	1.32605	1.32605	13.6321	33.1301	2.16027	1
cg11834235	DSC3;DSC3	0.00071411	0.9503861	1.02328	1.02328	0.0396352	0.240185	2.41085	0.0158547	2.98265	2.98265	0.143588	1.78821	1.78821	0.86236	0.937838	-1.06628	0.695274	0.86451	-1.15673	0.836011	0.926206	-1.07967	7.81E-06	37.5202	37.5202	0.131195	1.82707	1.82707	12.95221	28.0585	1.92562	1
cg21832722	DSC3;DSC3	0.00033238	0.0013225	0.1707	-5.85691	0.0139484	0.629665	-1.58879	0.0023962	0.257299	-3.88472	0.1387	0.728777	1.37258	0.0001786	1.12665	0.852127	0.07941	-1.14351	0.0539944	0.0133857	0.24071	-4.00464	0.0015149	0.325519	-3.07512	0.1193575	0.542504	-1.84331	5.78643	8.61228	2.03252	1
cg26480075	DSC3;DSC3	0.00078258	0.00633364	4.63712	4.63712	0.00033916	12.365	12.365	0.550419	1.2999	1.2999	0.307133	0.63193	-1.58245	0.213294	0.566105	-1.76646	0.353037	0.660429	-1.51417	0.0337505	0.340832	-2.934	0.000110166	19.1984	19.1984	0.978194	1.01194	1.01194	12.6102	37.6414	2.65333	1
cg10794285	DSC3;DSC3	0.00137736	0.861449	1.07701	1.07701	0.4704542	0.380896	-2.62539	0.580324	1.26765	1.26765	0.715905	0.856229	-1.16791	0.513119	1.12641	1.12641	0.000551863	0.212464	-4.70667	0.0016068	6.83024	6.83024	0.000130418	16.7984	16.7984	0.88517	1.06329	1.06329	0.17397	10.6755	2.53801	1
cg03017530	DSC3;DSC3	0.00149115	0.00292887	9.81202	9.81202	0.00284645	9.92398	9.92398	0.765812	0.846283	-1.18164	0.0892373	0.350952	-2.84939	0.0934218	0.356646	-2.8039	0.0282293	0.235133	-4.25292	0.0305292	0.241649	-4.13823	0.000869114	16.3082	16.3082	0.2293116	0.494189	-2.02352	10.4975	51.9051	4.39515	1
cg14631834	DSC3;DSC3	0.00033811	0.0064333	0.1899	-5.26577	0.0144348	0.1577	-6.34177	0.0075425	0.38658	0.38658	7	?	?	?	?	?	?	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	0.1010388	6.59E-05	0.1888	1
cg00702593	DSC3;DSC3	0.0040486	0.1363212	-2.76082	0.0286727	0.134379	-7.44164	0.0482593	0.4143	-2.41962	0.0162412	0.23735	-4.2132	0.0031199	0.320792	3.11824	0.0027271	0.368483	0.331093	-3.22172	0.0074197	0.275525	-3.62925	0.0242292	-4.12725	0.0619391	0.976473	-1.02409	4.58254	15.7673	3.37022	1
cg01268381	DSC4	0.0313434	0.13435	-3.70961	-2.6957	0.0024181	0.0749575	-7.1403	0.00975156	0.134287	-7.44675	0.503465	0.6588581	-1.51749	0.0218372	0.1844848	5.42158	0.243587	0.472625	-2.11584	0.0766409	0.298295	-3.35238	0.0980517	0.328003	-3.04875	0.904402	0.959278	-1.04245	0.023558	24.0443	5.31187	1
cg01184314	DSC4	0.0379422	0.0847557	0.443128	-2.25668	0.0405516	0.365251	-2.73784	0.16783	0.533873	-1.87311	0.139455	0.507123	-1.97191	0.0047345	0.201522	4.96224	0.452111	0.721045	-1.38688	0.00555578	0.208892	-4.78717	0.744753	1.14967	1.14967	0.4734223	0.732489	-1.36521	3.75523	10.8409	2.56613	1
cg00078582	DSC4	0.0496596	0.0396733	0.252196	-3.9693	0.0122391	0.2907775	-3.44278	0.0224427	0.24675	-4.0487	0.0449656	0.2244	-4.45604	0.0042604	0.2225596	4.49357	0.345457	0.2207994	-4.53095	0.0068897	0.1667	-5.88593	0.148906	0.6693922	-1.49398	0.0254545	0.61862	1.61677	0.3923	1.6	0.3923	1
cg25310241	DSC4	0.0454021	0.0830798	3.6692	1.3692	0.0244472	0.639031	-1.56487	0.375581	0.861924	-1.16019	0.519385	1.11447	1.11447	0.483072	0.889827	1.12381	0.0699327	0.564817	-1.77042	0.270983	1.20236	1.20236	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24908097	DSE;DSE	0.0110215	0.977777	1.00425	1.00425	0.165026	0.798174	-1.25286	0.118227	0.772456	-1.29457	0.10038	1.31518	1.31518	0.00229873	0.522804	-1.91276	0.153572	1.26184	1.26184	0.0060055	0.57898	-1.72718	0.11538	1.29763	1.29763	0.484864	1.11409	1.11409	5.72891	2.10212	0.326162	1
cg15366353	DSE;DSE	0.0122276	0.253464	1.38787	1.38787	0.543634	1.18405	1.18405	0.063983	0.564314	-1.77206	0.282221	1.35949	1.35949	0.0124613	0.425485	-2.35026	0.948246	0.982318	-1.018	0.665391	0.88729	-1.12703	0.000914798	3.90407	3.90407	0.358258	1.29645	1.29645	5.53959	6.62657	1.06331	1
cg12708994	DSE;DSE	0.0486362	0.439442	0.763233	-1.31022	0.0221286	2.56022	2.56022	0.531165	0.804639	-1.24279	0.776826	1.10228	1.10228	0.0590969	0.481775	-2.07566	0.698157	1.14286	1.14286	0.0701365	0.499696	-2.00122	0.0161738	2.74046	2.74046	0.890965	1.04812	1.04812	3.42387	6.36685	1.65293	1
cg09199072	DSE;DSE;DSE	0.000918298	0.577735	1.04283	1.04283	0.499417	0.950156	-1.05246	0.0131604	1.25766	1.25766	0.00106856	1.4341	1.4341	0.470117	1.05633	1.05633	0.411351	0.939278	-1.06465	0.062908	0.855529	-1.16887	3.66E-05	1.80854	1.80854	0.673957	1.03206	1.03206	12.0539	1.06167	0.0782904	1
cg14568286	DSE;TSPYL1	0.0375453	0.256078	0.89451	-1.11793	0.0304987	1.27008	1.27008	0.0886501	1.19317	1.19317	0.984786	0.998209	-1.00179	0.0226681	1.29248	1.29248	0.681667	1.03954	1.03954	0.0341953	0.79265	-1.26159	0.107169	0.847585	-1.17982	0.327798	1.09964	1.09964	3.76968	0.527916	0.124482	1
cg13601597	DSE;TSPYL1;TSPYL1	0.00341254	0.0595913	0.758429	-1.31851	0.0658353	0.764568	-1.30793	0.229917	1.17801	1.17801	0.059363	0.758194	-1.31892	0.510351	0.916821	-1.09073	0.00957974	0.652716	-1.53206	0.000167266	0.434532	-2.30133	0.295912	1.15138	1.15138	0.106827	1.25731	1.25731	8.2359	2.2063	0.238122	1
cg25091829	DSE;TSPYL1;TSPYL1	0.0328157	0.190472	0.880704	-1.13546	0.0385725	1.24553	1.24553	0.0709661	1.20303	1.20303	0.0138514	0.756794	-1.32136	0.446056	1.07376	1.07376	0.958221	0.995211	-1.00481	0.0262862	0.785465	-1.27313	0.316041	1.09964	1.09964	0.422718	0.927712	-1.07792	3.95801	0.526291	0.118194	1
cg05851163	DSEL	0.000744638	0.000944965	0.553754	-1.80586	0.000710974	1.85544	1.85544	0.431041	0.908155	-1.10113	0.658764	0.948118	-1.05472	0.129955	1.21663	1.21663	0.000516543	0.522347	-1.91444	?	?	?	0.407224	1.10697	1.10697	0.0650433	1.28189	1.28189	13.0944	2.64898	0.202299	1
cg25212146	DSEL	0.019694	0.131757	0.568506	-1.759	0.538579	1.24127	1.24127	0.383457	1.36374	1.36374	0.0151764	0.35509	-2.81619	0.30052	1.45122	1.45122	0.714497	1.13603	1.13603	0.00104743	0.185701	-5.38501	0.88391	1.05203	1.05203	0.218083	0.6378	-1.56789	4.72926	9.02528	1.69635	1
cg25677027	DSEL	0.0328856	0.0378669	0.301231	-3.31971	0.0221732	0.254969	-3.92204	0.0289334	0.277081	-3.60905	0.950886	0.969769	-1.03117	0.278348	0.570214	-1.75373	0.0920488	0.396849	-2.51985	0.017788	0.237869	-4.20399	0.0688815	2.75823	2.75823	0.762957	1.1627	1.1627	3.95498	15.5562	3.49628	1
cg16850192	DSG1	0.000211275	0.455728	0.905826	-1.10396	0.00609796	0.627446	-1.59376	0.00138031	0.546666	-1.82927	0.000149053	0.428087	-2.33597	6.98E-06	0.27379	-3.65243	0.00539029	0.620669	-1.61116	0.0580839	0.756637	-1.32164	0.992509	1.00122	1.00122	0.0225702	0.700771	-1.427	18.0998	4.859	0.238627	1
cg21983192	DSG1	0.00266127	0.00454669	0.316763	-3.15694	0.0184712	0.419301	-2.38492	0.007718	0.353106	-2.83201	0.386295	0.763287	-1.31012	0.000985149	0.225441	-4.43575	0.0416778	0.489593	-2.04251	0.00264667	0.282225	-3.54328	0.734111	1.10926	1.10926	0.000708803	0.208238	-4.8022	8.86715	12.9914	1.30232	1
cg22386311	DSG1	0.00789529	0.90706	1.05408	1.05408	0.0418901	0.347323	-2.87917	0.0290643	0.313439	-3.19042	0.121211	0.468714	-2.1335	0.0215033	0.287826	-3.47432	0.733744	1.16646	1.16646	0.000192854	0.0589665	-16.9588	0.636929	0.807019	-1.23913	0.118757	0.465965	-2.14608	6.37049	20.5191	2.86307	1
cg07703790	DSG1	0.00857	0.00770011	0.302257	-3.30845	0.0738093	0.498407	-2.00639	0.0177357	0.365112	-2.73888	0.00513159	0.27478	-3.63928	0.00123191	0.191841	-5.21264	0.00705533	0.296176	-3.37637	0.242482	0.652188	-1.5333	0.881102	0.949045	-1.05369	0.046075	0.449904	-2.2227	6.2079	12.0045	1.71888	1
cg01337047	DSG1	0.0100969	0.0393425	0.246812	-4.05167	0.0361475	0.239299	-4.17887	0.00886331	0.141552	-7.06455	0.060012	0.287881	-3.47366	0.0054925	0.117352	-8.5214	0.191997	0.444607	-2.24918	0.000873712	0.0534047	-18.725	0.025948	0.211933	-4.71847	0.0286931	0.219907	-4.54738	5.8924	32.1447	4.84913	1
cg06045757	DSG1	0.0497561	0.894978	0.963577	-1.0378	0.00465955	0.347465	-2.87799	0.00573565	0.361557	-2.76582	0.195776	0.680901	-1.46864	0.221417	0.696927	-1.43487	0.974411	1.00905	1.00905	0.0937975	0.595913	-1.6781	0.995566	0.99844	-1.00156	0.344028	0.760467	-1.31498	3.39443	4.24273	1.11103	1
cg27422507	DSG2	0.00331494	0.00327714	0.369085	-2.7094	0.00198735	0.337519	-2.9628	0.000613693	0.269243	-3.71411	0.0141529	0.470965	-2.1233	0.00528455	0.400716	-2.49553	0.0736092	0.608922	-1.64225	0.00940122	0.440913	-2.26802	0.556903	0.86263	-1.15925	0.00942999	0.441132	-2.26689	8.30758	8.13902	0.870853	1
cg00144725	DSG2	0.00528714	0.962723	0.989752	-1.01035	0.0152828	0.518708	-1.92787	0.545094	0.873731	-1.14452	0.0235328	0.550927	-1.81512	0.00652298	2.17944	2.17944	0.495082	1.16496	1.16496	0.000919294	2.97856	2.97856	0.972327	1.00767	1.00767	0.326572	0.799929	-1.25011	7.21435	5.55032	0.683862	1
cg24682036	DSG2	0.00682449	0.0448793	4.56444	4.56444	0.0798793	3.60284	3.60284	0.153392	2.74068	2.74068	0.168887	2.6294	2.6294	0.0168271	6.8464	6.8464	0.0254752	5.76064	5.76064	0.000373242	42.6787	42.6787	0.00252051	15.8986	15.8986	0.0213376	6.1999	6.1999	6.66766	45.9317	6.12332	1
cg12596273	DSG2	0.0117843	0.00523319	0.258884	-3.86273	0.00232164	0.210024	-4.76136	0.0038776	0.240021	-4.1663	0.0248266	0.375314	-2.66444	0.0341993	0.403908	-2.47581	0.113224	0.53133	-1.88207	0.0188566	0.352187	-2.8394	0.0718953	0.478493	-2.08989	0.104947	0.522031	-1.9156	5.60637	11.9507	1.89479	1
cg14311811	DSG2	0.0267224	0.0457266	13.0053	13.0053	0.0591002	10.8798	10.8798	0.0993797	7.56089	7.56089	0.228975	4.11214	4.11214	0.687419	1.57304	1.57304	0.0982506	7.62216	7.62216	0.00377425	79.6407	79.6407	0.00600151	55.7905	55.7905	0.0159949	27.1955	27.1955	4.25706	84.5718	17.6589	1
cg03238162	DSG3	0.000153062	0.000152333	0.232147	-4.30762	0.631036	1.11492	1.11492	0.449766	0.841021	-1.18903	0.0129206	2.00121	2.00121	0.00132489	0.350016	-2.85702	0.0181113	0.524541	-1.90643	3.13E-05	0.161137	-6.20589	0.0058255	2.25183	2.25183	0.0204925	0.533841	-1.87322	19.749	15.8073	0.711474	1
cg14871544	DSG3	0.000919682	0.00202942	0.300204	-3.33106	0.408902	1.26308	1.26308	0.223617	0.702192	-1.42411	0.190859	0.68182	-1.46666	0.000896186	0.252875	-3.95452	0.088644	0.594905	-1.68094	5.72E-05	0.126807	-7.886	0.0631372	1.78238	1.78238	0.292135	0.739168	-1.35287	12.0488	14.5907	1.07641	1
cg06559576	DSG3	0.00122546	0.00978858	0.582094	-1.71794	0.00123629	0.457305	-2.18673	0.0064315	0.555881	-1.79895	0.449786	0.880211	-1.13609	0.174055	0.786959	-1.27071	0.000534702	0.409499	-2.44201	0.00286986	0.506859	-1.97294	0.0216947	1.57872	1.57872	0.00319889	0.51336	-1.94795	11.105	4.8277	0.386428	1
cg23521138	DSG3	0.00466676	0.105226	1.35205	1.35205	0.00624463	0.544828	-1.83544	0.00841774	0.563603	-1.7743	0.0889032	0.726353	-1.37674	0.0112952	1.7171	1.7171	0.0514419	1.45911	1.45911	0.0170331	1.64164	1.64164	0.124252	0.753057	-1.32792	0.686675	0.933238	-1.07154	7.49443	3.44613	0.408734	1
cg02903192	DSG3;DSG3	0.0423483	0.103496	0.513382	-1.94787	0.99704	1.00139	1.00139	0.655212	0.84511	-1.18328	0.90527	1.04559	1.04559	0.0171019	0.336777	-2.96932	0.0951039	0.503228	-1.98717	0.00324735	0.222468	-4.49502	0.259663	1.55315	1.55315	0.288754	0.66209	-1.51037	3.60626	8.00771	1.97378	1
cg01176915	DSG4;DSG4	0.000627195	0.173133	1.20482	1.20482	8.82E-05	0.405304	-2.46729	0.00642387	0.63401	-1.57726	0.140336	0.815535	-1.22619	0.0551934	1.32235	1.32235	0.806652	0.968971	-1.03202	0.000472155	2.02591	2.02591	0.305735	0.872564	-1.14605	0.314493	0.874847	-1.14306	13.4169	3.5111	0.232616	1
cg13445249	DSG4;DSG4	0.0144605	0.915118	1.03022	1.03022	0.00327974	0.326674	-3.06115	0.00105672	0.258641	-3.86637	0.901968	0.966179	-1.03501	0.0789125	0.579981	-1.72419	0.90035	1.0356	1.0356	0.874565	1.0451	1.0451	0.268312	1.37979	1.37979	0.261541	0.721146	-1.38668	5.24373	6.47446	1.09752	1
cg00411447	DSN1;DSN1;DSN1;DSN1;DSN1	0.00507771	0.171608	1.82001	1.82001	0.535242	1.29481	1.29481	0.11461	2.02601	2.02601	0.498978	1.32632	1.32632	0.876496	1.06609	1.06609	0.0108451	0.268094	-3.73003	0.000187865	0.0748137	-13.3665	0.183597	0.559615	-1.78694	0.784651	0.893412	-1.1193	7.30411	19.5856	2.38351	1
cg12601032	DSN1;DSN1;DSN1;DSN1;DSN1	0.0399108	?	?	?	0.30781	0.405917	-2.46356	0.658153	1.45254	1.45254	?	?	?	0.0109313	0.0436445	-22.9124	0.142143	0.250828	-3.98679	?	?	?	?	?	?	0.0147998	0.0552104	-18.1125	5.67009	31.9116	5.62806	1
cg02647388	DSP;DSP	4.88E-06	0.00221709	0.310287	-3.22282	0.0529906	0.548668	-1.8226	0.261118	0.726211	-1.37701	0.0264095	2.05155	2.05155	0.0105908	0.415808	-2.40496	0.547831	0.847033	-1.18059	0.0138628	2.2934	2.2934	6.95E-08	140.24	140.24	0.0941301	1.65267	1.65267	48.8476	57.6464	1.049	1
cg01070854	DSP;DSP	0.000133542	0.853162	0.959328	-1.0424	0.0492451	0.604713	-1.65368	0.214949	0.746366	-1.33982	0.685295	1.0956	1.0956	0.62664	0.895957	-1.11613	0.896663	1.02955	1.02955	0.938259	0.982789	-1.01751	1.34E-06	15.987	15.987	0.81973	1.05249	1.05249	20.488	16.2964	0.70703	1
cg17947546	DSP;DSP	0.000135538	0.000453151	3.09993	3.09993	0.0627791	1.53507	1.53507	0.59095	1.11747	1.11747	0.496355	1.15186	1.15186	0.836572	1.04319	1.04319	0.747473	1.06836	1.06836	0.800892	1.05309	1.05309	1.62E-06	11.812	11.812	0.98949	0.997307	-1.0027	20.4065	13.5428	0.589915	1
cg04762615	DSP;DSP	0.000239349	0.00410385	1.33434	1.33434	0.186753	0.90047	-1.11053	0.396047	1.06727	1.06727	0.450236	0.943997	-1.05933	0.0753779	1.15986	1.15986	0.122879	1.1334	1.1334	0.139297	1.12659	1.12659	2.92E-06	2.30812	2.30812	0.675783	0.968983	-1.03201	17.4962	1.555	0.0790009	1
cg08250825	DSP;DSP	0.000275949	0.0799956	1.37927	1.37927	0.427079	0.874387	-1.14366	0.0252953	0.643881	-1.55308	0.260132	1.21463	1.21463	0.0545072	1.43492	1.43492	0.00411612	1.89086	1.89086	0.00283109	0.506343	-1.97495	5.41E-05	3.47561	3.47561	0.000301907	2.64478	2.64478	16.8303	7.30406	0.385762	1
cg13469471	DSP;DSP	0.000759675	0.00544072	0.137816	-7.25603	0.0592082	3.17182	3.17182	0.220494	2.00984	2.00984	0.811186	0.878364	-1.13848	0.159473	0.44277	-2.25851	0.327758	1.72882	1.72882	0.592261	1.34039	1.34039	1.72E-05	118.651	118.651	0.555742	1.38118	1.38118	12.7157	59.1409	4.13424	1
cg02365862	DSP;DSP	0.000896291	0.00281549	8.00721	8.00721	0.660441	1.25043	1.25043	0.183557	2.0407	2.0407	0.370902	1.5912	1.5912	0.111141	0.41588	-2.40454	0.0388119	3.35162	3.35162	0.301174	0.581838	-1.71869	2.02E-05	78.1402	78.1402	0.0546377	3.01037	3.01037	12.1369	49.1256	3.5979	1
cg03814872	DSP;DSP	0.00159172	0.000580653	8.34276	8.34276	0.25703	1.60259	1.60259	0.00663227	4.0748	4.0748	0.251676	1.61195	1.61195	0.13603	1.89733	1.89733	0.0658618	2.2769	2.2769	0.0127422	0.291151	-3.43464	0.000233727	11.3931	11.3931	0.249469	1.61586	1.61586	10.3018	25.934	2.2377	1
cg02789094	DSP;DSP	0.00250851	0.894391	0.948491	-1.05431	0.00111336	0.147736	-6.76884	0.0127072	0.29142	-3.43148	0.596102	0.808173	-1.23736	0.209435	0.590535	-1.69338	0.307527	0.656669	-1.52284	6.83E-05	0.0550243	-18.1738	0.671998	0.844028	-1.18479	0.192882	0.577712	-1.73097	9.02301	22.6548	2.2318	1
cg13923094	DSP;DSP	0.00270602	0.00164806	5.6688	5.6688	0.445009	1.34962	1.34962	0.0252981	2.78463	2.78463	0.632182	1.20407	1.20407	0.546944	1.26457	1.26457	0.90886	1.04509	1.04509	0.874552	1.06273	1.06273	6.03E-05	17.3676	17.3676	0.28299	1.53661	1.53661	8.82359	20.7231	2.08765	1
cg21068339	DSP;DSP	0.00675668	0.999928	0.999982	-1.00002	0.373959	0.835267	-1.19722	0.346654	0.826014	-1.21063	0.183876	0.757248	-1.32057	0.634735	1.09899	1.09899	0.953454	1.01158	1.01158	0.267639	1.25578	1.25578	0.000103182	3.87698	3.87698	0.717849	1.07419	1.07419	6.68841	4.12089	0.547666	1
cg15605567	DSP;DSP	0.00906213	0.885446	1.02455	1.02455	0.000762791	0.424064	-2.35814	0.00490413	0.534158	-1.87211	0.113866	1.33555	1.33555	0.194147	0.793685	-1.25995	0.238574	0.812502	-1.23077	0.0830584	1.38099	1.38099	0.448466	0.878151	-1.13876	0.558723	0.905318	-1.10458	6.09904	2.73315	0.398336	1
cg19402039	DSP;DSP	0.00915307	0.111698	0.387588	-2.58006	0.00601715	0.140342	-7.12546	0.0143394	0.1917	-5.21648	0.675593	1.25895	1.25895	0.00373854	0.117404	-8.5176	0.0650916	0.322004	-3.10556	0.00142007	0.0799631	-12.5058	0.138631	0.418014	-2.39227	0.0378383	0.267778	-3.73444	6.07973	28.8247	4.21432	1
cg24148304	DSP;DSP	0.0121848	0.0606159	0.426184	-2.34641	0.0153642	0.301383	-3.31804	0.0519147	0.409959	-2.43927	0.853182	1.07755	1.07755	0.00357125	0.203646	-4.91048	0.0426971	0.390381	-2.5616	0.00381442	0.207456	-4.82029	0.470289	1.34465	1.34465	0.0188378	0.317555	-3.14906	5.54592	14.277	2.28829	1
cg19708340	DSP;DSP	0.0179876	0.00913541	0.0994398	-10.0563	0.0031261	0.0598052	-16.721	0.0536277	0.217047	-4.6073	0.0424916	0.196245	-5.09566	0.0322487	0.174122	-5.7431	0.0372672	0.185402	-5.39367	0.0170687	0.131742	-7.59058	0.0413208	0.193885	-5.15769	0.0209783	0.1443	-6.92999	4.87626	37.5244	6.84028	1
cg13251891	DSP;DSP	0.0206448	0.13278	0.830815	-1.20364	0.382021	1.10788	1.10788	0.16745	0.845225	-1.18312	0.691712	0.955476	-1.0466	0.0195566	0.724387	-1.38048	0.644418	1.05454	1.05454	0.0013698	0.58817	-1.70019	0.145107	1.19579	1.19579	0.502857	1.0808	1.0808	4.65403	0.962555	0.183841	1
cg25147604	DSP;DSP	0.0326274	0.00652815	6.93658	6.93658	0.0391925	3.6978	3.6978	0.244664	1.94831	1.94831	0.0914901	2.76877	2.76877	0.0369145	3.77402	3.77402	0.588378	0.741236	-1.3491	0.0406227	3.65293	3.65293	0.00912113	6.14254	6.14254	0.770551	1.17382	1.17382	3.96619	18.8647	4.22789	1
cg02643433	DSP;DSP	0.0381488	0.00793276	0.17208	-5.81124	0.101031	0.395222	-2.53022	0.0792967	0.365328	-2.73726	0.849807	1.10296	1.10296	0.0312341	0.270748	-3.69347	0.603739	0.762869	-1.31084	0.00775604	0.170758	-5.85624	0.452299	0.673137	-1.48558	0.0300489	0.26739	-3.73985	3.74777	15.86	3.76165	1
cg04616797	DSP;DSP;DSP;DSP	0.000777244	0.891989	1.0667	1.0667	0.691128	0.827125	-1.20901	0.836332	1.10331	1.10331	0.52305	1.36017	1.36017	0.128562	2.18294	2.18294	0.690523	0.826798	-1.20949	0.294925	0.596765	-1.6757	7.26E-06	110.393	110.393	0.824291	1.11147	1.11147	12.6342	45.1947	3.1797	1
cg20448717	DSP;DSP;DSP;DSP	0.00174745	?	?	?	0.356602	1.93999	1.93999	0.158376	2.86881	2.86881	0.971871	1.02495	1.02495	?	?	?	0.42729	0.567518	-1.76206	0.258717	0.438848	-2.2787	3.99E-05	241.741	241.741	0.943856	1.05046	1.05046	10.5505	63.4855	6.87691	1
cg04503912	DSPP	2.46E-05	0.000553286	0.460257	-2.1727	0.137841	1.26023	1.26023	0.000146327	0.38836	-2.57493	0.0013811	0.511	-1.95695	2.19E-05	0.290977	-3.4367	0.00415981	0.5735	-1.74368	3.38E-06	0.204846	-4.88172	0.0068599	1.65995	1.65995	0.0733823	0.749021	-1.33508	32.0867	10.648	0.294979	1
cg05292310	DSPP	0.000221941	0.775039	0.955543	-1.04653	0.114608	0.761594	-1.31304	0.00958166	0.594175	-1.68301	0.000787239	0.446903	-2.23762	0.00172605	0.491846	-2.03316	0.00160102	0.487492	-2.05131	0.00559182	1.78153	1.78153	0.000233327	2.63472	2.63472	0.019675	1.56392	1.56392	17.8593	7.1246	0.354604	1
cg27387453	DSPP	0.00114499	0.00613894	0.704588	-1.41927	0.00764062	0.714751	-1.39909	0.00293476	0.67026	-1.49196	0.787322	0.973866	-1.02683	0.546467	1.06159	1.06159	0.0451245	0.798427	-1.25246	0.000280779	1.78892	1.78892	0.0599074	1.23106	1.23106	0.231867	0.884448	-1.13065	11.3223	1.71964	0.135005	1
cg03459617	DSPP	0.00142185	0.0996607	0.748235	-1.33648	0.0141647	0.614762	-1.62665	0.000112167	0.335825	-2.97774	0.00672373	0.568425	-1.75925	0.0010955	0.461169	-2.1684	0.00341887	0.527636	-1.89525	0.00366434	0.531769	-1.88051	0.204197	0.806244	-1.24032	0.00453728	0.544575	-1.83629	10.6421	4.35437	0.363702	1
cg21592690	DSPP	0.0147967	0.0177304	0.408926	-2.44543	0.703719	0.888264	-1.12579	0.00466333	0.311394	-3.21136	0.00433762	0.306622	-3.26135	0.0131472	0.385391	-2.59476	0.161692	0.629138	-1.58948	0.359527	1.33929	1.33929	0.307767	0.720807	-1.38733	0.0246336	0.436105	-2.29302	5.20411	7.92582	1.35377	1
cg09590733	DSPP	0.0357487	0.0059152	0.271375	-3.68494	0.12278	0.545694	-1.83253	0.0272644	0.388148	-2.57633	0.126135	0.549112	-1.82112	0.00430365	0.250859	-3.9863	0.793344	0.909279	-1.09977	0.611739	0.830752	-1.20373	0.188523	0.603694	-1.65647	0.0678574	0.476703	-2.09774	3.83758	7.97517	1.84727	1
cg09075484	DST	0.00660414	0.0217926	0.571645	-1.74934	0.0681621	1.51417	1.51417	0.42429	0.847258	-1.18028	0.329122	0.814989	-1.22701	0.0309259	0.597694	-1.6731	0.00164153	0.400214	-2.49866	0.00219436	0.417976	-2.39248	0.19923	1.31722	1.31722	0.418421	0.845396	-1.18288	6.73605	4.40167	0.580844	1
cg07800670	DST	0.0243443	0.0204526	0.563176	-1.77564	0.504199	1.14949	1.14949	0.00469643	0.461917	-2.16489	0.124271	0.710261	-1.40793	0.0208723	0.564663	-1.77097	0.477083	0.861911	-1.16021	0.194202	1.32622	1.32622	0.448926	0.853323	-1.17189	0.0249232	0.577765	-1.73081	4.39764	2.94288	0.594841	1
cg20459712	DST	0.0480282	0.167999	0.475059	-2.105	0.216374	1.93286	1.93286	0.733537	1.18898	1.18898	0.819423	0.890624	-1.12281	0.0528995	0.328084	-3.048	0.202134	0.505495	-1.97826	0.00540053	0.156431	-6.39259	0.750857	1.17511	1.17511	0.0248911	0.258632	-3.8665	3.44021	13.9816	3.6126	1
cg10201483	DST;DST;DST	0.0104098	0.0127072	0.429664	-2.3274	0.0800345	1.69862	1.69862	0.793738	0.931016	-1.0741	0.247595	1.39063	1.39063	0.00189008	0.300795	-3.32453	?	?	?	0.0126362	0.429241	-2.32969	0.293666	0.742938	-1.34601	0.656551	0.885071	-1.12985	5.95126	6.23451	1.0476	1
cg10784258	DST;DST;DST	0.013034	0.882943	0.936283	-1.06805	0.0870194	0.42978	-2.32677	0.85293	1.08646	1.08646	0.232885	1.74889	1.74889	0.00675342	0.208221	-4.80258	0.141625	0.493503	-2.02633	0.00152579	0.130152	-7.68332	0.790416	1.1264	1.1264	0.0115545	0.243835	-4.10113	5.42552	17.1584	2.81114	1
cg03294496	DST;DST;DST	0.02523	0.0228688	2.96279	2.96279	0.0843762	0.46694	-2.1416	0.566397	0.793588	-1.2601	0.0857969	2.13268	2.13268	0.961982	1.0192	1.0192	0.0535892	2.3974	2.3974	0.134343	0.525194	-1.90406	0.00610756	4.16884	4.16884	0.421484	1.38758	1.38758	4.34337	10.9456	2.24006	1
cg26076236	DST;DST;DST;DST	0.00119065	0.0623342	0.603582	-1.65678	0.136068	0.67942	-1.47184	0.00254968	0.365195	-2.73826	0.0205308	0.510906	-1.95731	0.000229847	0.229437	-4.35849	0.00504536	0.409676	-2.44096	0.00255037	0.365212	-2.73814	0.312324	0.777631	-1.28596	0.000178303	0.216992	-4.60846	11.1967	10.2685	0.8152	1
cg15599182	DST;DST;DST;DST	0.00129317	0.00168378	0.29194	-3.42536	0.0157483	0.444183	-2.25132	0.0208043	0.466232	-2.14486	0.0314079	1.99818	1.99818	0.000380096	0.210847	-4.74277	0.0112342	0.418486	-2.38957	0.0914912	0.600711	-1.66469	0.328358	1.31874	1.31874	0.00172095	0.293243	-3.41014	10.9355	13.0259	1.0588	1
cg03216884	DST;DST;DST;DST	0.00174033	0.0010713	0.301723	-3.3143	0.360445	1.26253	1.26253	0.187302	1.41414	1.41414	0.431277	1.22038	1.22038	0.000545151	0.263899	-3.78934	0.00270675	0.357973	-2.7935	0.351333	0.788337	-1.26849	0.119363	1.52052	1.52052	0.0111941	0.454683	-2.19933	10.0394	9.77497	0.865476	1
cg17249729	DST;DST;DST;DST	0.00589868	0.635743	1.11173	1.11173	0.00487496	0.43673	-2.28975	0.000935588	0.334126	-2.99289	0.260179	0.770497	-1.29786	0.0709123	1.56506	1.56506	0.991126	1.00247	1.00247	0.013646	1.96846	1.96846	0.282316	0.780352	-1.28147	0.415207	0.831208	-1.20307	6.97572	5.44429	0.693745	1
cg18182269	DST;DST;DST;DST	0.00625707	0.970509	1.01491	1.01491	0.768897	1.12522	1.12522	0.418611	0.717556	-1.39362	0.0493296	0.399777	-2.50139	?	?	?	0.619503	1.22214	1.22214	0.000187514	0.0635146	-15.7444	0.111069	0.494537	-2.02209	0.0196909	0.312806	-3.19687	8.04362	17.76	1.93197	1
cg13000789	DST;DST;DST;DST	0.0172304	0.409923	0.818342	-1.22198	0.343526	1.26129	1.26129	0.545802	0.864648	-1.15654	0.0388597	1.76641	1.76641	0.0429391	0.574535	-1.74054	0.522335	0.857056	-1.16678	0.238557	0.745528	-1.34133	0.00118904	3.09733	3.09733	0.685831	0.907787	-1.10158	4.94714	4.43417	0.796719	1
cg17146997	DST;DST;DST;DST	0.0187775	0.390054	0.846311	-1.1816	0.503022	0.879172	-1.13743	0.0243046	0.601325	-1.66299	0.888951	1.02682	1.02682	0.104144	0.714187	-1.40019	0.731694	0.936873	-1.06738	0.00119712	2.45809	2.45809	0.256033	0.79881	-1.25186	0.205994	0.776664	-1.28756	4.80615	2.73228	0.50533	1
cg10740282	DST;DST;DST;DST	0.0205709	0.294398	0.740775	-1.34994	0.00193446	3.35475	3.35475	0.00655142	2.64981	2.64981	0.476951	0.819117	-1.22083	0.871557	0.956337	-1.04566	0.745057	0.91391	-1.0942	0.368806	0.775163	-1.29005	0.0981575	1.64959	1.64959	0.380591	1.28165	1.28165	4.65973	5.61826	1.07174	1
cg22315922	DST;DST;DST;DST	0.0218683	0.273242	0.51477	-1.94262	0.00141731	0.0678992	-14.7277	0.0369791	0.243956	-4.09911	0.983326	1.01224	1.01224	0.00669447	0.128939	-7.75559	0.0739976	0.313603	-3.18874	0.790646	0.856458	-1.1676	0.136051	0.392406	-2.54838	0.748288	1.20623	1.20623	4.56333	24.5115	4.7746	1
cg15571896	DST;DST;DST;DST	0.0229779	0.109044	0.728893	-1.37194	0.102623	0.723844	-1.38151	0.904707	0.978562	-1.02191	0.0749302	0.698443	-1.43176	0.164624	0.764691	-1.30772	0.731861	0.939658	-1.06422	0.00145901	2.29742	2.29742	0.61087	1.0973	1.0973	0.375371	0.848208	-1.17896	4.48634	2.32655	0.460965	1
cg03750778	DST;DST;DST;DST	0.0347062	0.368082	1.15897	1.15897	0.231178	1.22191	1.22191	0.00368251	1.87094	1.87094	0.0746434	1.37284	1.37284	0.747668	0.949796	-1.05286	0.235157	1.21963	1.21963	0.118595	0.763112	-1.31042	0.220901	0.814361	-1.22796	0.0427938	1.45074	1.45074	3.87894	1.56431	0.358474	1
cg12400041	DST;DST;DST;DST	0.037474	0.187856	0.583116	-1.71492	0.235713	1.61649	1.61649	0.861207	0.934603	-1.06997	0.408204	1.38672	1.38672	0.00444758	0.230701	-4.33461	0.167119	0.565983	-1.76684	0.25504	0.631747	-1.58291	0.0376486	2.53937	2.53937	0.179548	0.576404	-1.73489	3.7723	8.92374	2.10275	1
cg23410386	DST;DST;DST;DST	0.0499688	0.482449	1.21582	1.21582	0.313607	1.33016	1.33016	0.0480973	0.538787	-1.85602	0.397457	1.26767	1.26767	0.253787	0.721633	-1.38575	0.472229	1.2216	1.2216	0.0143768	2.28416	2.28416	0.0320595	1.98869	1.98869	0.0715504	1.7347	1.7347	3.38893	4.02211	1.05497	1
cg05537607	DST;DST;DST;DST;DST	0.00361811	0.0288008	0.507035	-1.97225	0.542671	1.17625	1.17625	0.155176	0.669839	-1.4929	0.00166475	3.2702	3.2702	0.00103178	0.277836	-3.59924	0.531387	0.846193	-1.18176	0.281001	0.744404	-1.34336	0.0360617	1.90075	1.90075	0.190761	0.694234	-1.44044	8.09295	8.89419	0.976893	1
cg00318608	DST;DST;DST;DST;DST	0.00379968	0.707094	0.955998	-1.04603	0.0820109	0.794762	-1.25824	0.83035	0.974747	-1.02591	0.497841	1.0855	1.0855	9.03E-05	0.434023	-2.30403	0.00620409	0.653515	-1.53019	0.54139	1.07648	1.07648	0.224205	0.85881	-1.1644	0.389502	1.11085	1.11085	7.97487	1.79489	0.200061	1
cg15373592	DST;DST;DST;DST;DST	0.0207839	0.0260685	0.234796	-4.25901	0.0324256	3.95197	3.95197	0.265699	1.88977	1.88977	0.0999251	0.371843	-2.68931	0.00286277	0.105227	-9.50323	0.708847	1.22855	1.22855	0.504879	1.44963	1.44963	0.445574	1.53219	1.53219	0.824324	0.885146	-1.12976	4.64339	22.1447	4.23918	1
cg19104095	DST;DST;DST;DST;DST	0.0234722	0.0789474	0.393825	-2.5392	0.206081	0.528818	-1.89101	0.446991	0.69057	-1.44808	0.075285	2.57545	2.57545	0.0106547	0.215726	-4.63551	0.0637399	2.7063	2.7063	0.0729324	2.59995	2.59995	0.04943	2.91843	2.91843	0.636989	1.25491	1.25491	4.45352	16.0943	3.2123	1
cg23592735	DST;DST;DST;DST;DST	0.0337381	0.0147682	0.119313	-8.38134	0.400685	0.543576	-1.83967	0.128371	0.312015	-3.20497	0.911332	1.08214	1.08214	0.00846846	0.0923776	-10.8251	0.209505	0.391689	-2.55304	0.00349822	0.0603661	-16.5656	0.492001	0.609851	-1.63974	0.0930652	0.270015	-3.70349	3.91874	31.1657	7.06931	1
cg02963057	DST;DST;DST;DST;DST	0.0353333	0.79183	1.03837	1.03837	0.0919207	0.767874	-1.3023	0.697352	1.05721	1.05721	0.00334097	1.76573	1.76573	0.0263128	1.45511	1.45511	0.488782	1.10529	1.10529	0.300563	1.16498	1.16498	0.966958	1.00591	1.00591	0.0307664	1.435	1.435	3.85388	1.23694	0.285297	1
cg05800082	DST;DST;DST;DST;DST;DST;DST	0.0443528	0.472567	0.765755	-1.3059	0.665513	1.17221	1.17221	0.635548	0.83996	-1.19053	0.57862	1.22746	1.22746	0.00112738	0.173604	-5.76024	0.883308	1.05512	1.05512	0.801904	0.912259	-1.09618	0.857378	0.936399	-1.06792	0.0362391	0.410853	-2.43396	3.54468	7.49152	1.87863	1
cg15750696	DST;DST;DST;DST;DST;DST;DST;DST;DST;DST	0.0199262	0.605896	1.23967	1.23967	0.183169	1.79145	1.79145	0.0884642	0.460311	-2.17245	0.0126602	3.5942	3.5942	0.0286557	0.344515	-2.90263	0.643598	0.825034	-1.21207	0.0449724	0.386818	-2.58519	0.0179303	3.27868	3.27868	0.91955	0.959153	-1.04259	4.71047	12.7128	2.39897	1
cg13462232	DSTN;DSTN	0.0106986	0.928434	1.04736	1.04736	0.246574	1.87454	1.87454	0.033418	3.71397	3.71397	0.0015595	0.083195	-12.02	0.688833	0.812627	-1.23058	0.908923	0.94276	-1.06072	?	?	?	0.161189	0.459055	-2.17839	0.00699733	0.153684	-6.50687	6.67944	24.4184	3.19879	1
cg13197680	DSTYK;DSTYK	3.46E-07	0.0110727	0.605284	-1.65212	0.00308294	1.89335	1.89335	0.434178	1.13401	1.13401	?	?	?	6.26E-09	0.020781	-48.121	0.321519	1.17516	1.17516	?	?	?	0.189781	0.803428	-1.24467	0.393919	1.14754	1.14754	102.015	31.209	0.34963	1
cg22711218	DSTYK;DSTYK	0.000794346	0.00193529	0.404018	-2.47514	0.556238	0.884293	-1.13085	0.000276894	0.292395	-3.42003	0.00134679	0.382036	-2.61755	0.0486199	0.627896	-1.59262	9.27E-05	0.236649	-4.22567	0.44083	0.850097	-1.17634	0.0157636	0.542668	-1.84275	0.00534577	0.468568	-2.13416	12.5571	8.4897	0.600966	1
cg24159697	DSTYK;DSTYK	0.00137155	0.000922181	0.0944734	-10.585	0.182961	0.509861	-1.96132	0.0176494	0.252587	-3.95903	0.445573	0.690271	-1.44871	0.000118176	0.0402748	-24.8294	0.0829167	0.400401	-2.4975	0.000374178	0.0663953	-15.0613	0.532405	0.739744	-1.35182	0.0256678	0.282692	-3.53742	10.7527	38.6978	3.19901	1
cg20414749	DSTYK;DSTYK	0.00279975	0.000401434	0.0878884	-11.3781	0.255203	0.598623	-1.6705	0.0229859	0.30889	-3.2374	0.644772	0.818293	-1.22206	0.00039735	0.0875584	-11.4209	0.0282232	0.326548	-3.06234	0.00363906	0.182805	-5.47032	0.813367	1.10756	1.10756	0.197126	0.55489	-1.80216	8.7352	25.8138	2.6268	1
cg24589113	DSTYK;DSTYK	0.00371444	0.760008	1.06585	1.06585	0.0072003	0.485777	-2.05856	0.0477171	0.624217	-1.60201	0.589823	0.892899	-1.11995	0.0329375	0.594982	-1.68072	0.0148314	0.535848	-1.8662	9.60E-05	0.2358	-4.24089	0.803769	0.9495	-1.05319	0.747881	0.935076	-1.06943	8.02941	5.50948	0.609922	1
cg03948781	DSTYK;DSTYK	0.00747831	0.00666632	0.516349	-1.93667	0.0336235	0.627524	-1.59356	0.330038	0.828008	-1.20772	0.578613	0.900013	-1.11109	0.000508377	0.360699	-2.77239	0.0244262	0.604422	-1.65447	0.00857139	0.532789	-1.87692	0.0126165	0.558598	-1.7902	0.66384	0.921171	-1.08557	6.47988	3.61819	0.496332	1
cg17889831	DSTYK;DSTYK	0.00862889	0.00212995	0.0835285	-11.972	0.40855	0.61497	-1.6261	0.0384732	0.251794	-3.9715	0.130778	0.391219	-2.55611	0.00154917	0.0729525	-13.7075	0.0188063	0.194548	-5.14012	0.00298708	0.0960726	-10.4088	0.424105	0.625295	-1.59925	0.0795306	0.326487	-3.06291	6.19447	32.4547	4.65716	1
cg26607933	DSTYK;DSTYK	0.0196599	0.0247856	0.45871	-2.18003	0.0871176	0.576411	-1.73487	0.401918	0.778653	-1.28427	0.617038	0.863268	-1.15839	0.000775638	0.226853	-4.40814	0.237024	0.696773	-1.43519	0.585155	1.1744	1.1744	0.211064	0.680937	-1.46857	0.0141953	0.413806	-2.41659	4.73203	6.37424	1.19737	1
cg00857998	DSTYK;DSTYK	0.0266179	0.089245	0.783195	-1.27682	0.0074081	1.56811	1.56811	0.0468066	1.34555	1.34555	0.762306	1.04035	1.04035	0.311841	0.87246	-1.14618	0.173275	0.827822	-1.20799	0.0387226	0.731861	-1.36638	0.136444	0.811211	-1.23272	0.371368	0.887194	-1.12715	4.26291	1.14811	0.239401	1
cg24713653	DSTYK;DSTYK	0.0440459	0.0119227	0.38581	-2.59195	0.195388	0.659911	-1.51536	0.119669	0.599005	-1.66943	0.361663	0.752314	-1.32923	0.0208006	0.429744	-2.32697	0.0881738	0.564911	-1.77019	0.00347433	0.300023	-3.33308	0.468991	0.799624	-1.25059	0.251726	0.695283	-1.43826	3.55388	5.18528	1.29693	1
cg12730826	DSTYK;DSTYK	0.044527	0.168576	0.707243	-1.41394	0.590269	0.879554	-1.13694	0.34783	0.79595	-1.25636	0.197321	0.724861	-1.37957	0.0750821	0.62626	-1.59678	0.909782	0.973592	-1.02712	0.000872356	0.307603	-3.25094	0.736596	0.923387	-1.08297	0.129091	0.678946	-1.47287	3.53949	3.12491	0.784773	1
cg27199827	DTD1	0.0269585	0.22482	1.7926	1.7926	0.00249484	6.84521	6.84521	0.115808	2.18703	2.18703	0.460339	0.708849	-1.41074	0.167237	0.509654	-1.96211	0.370716	1.52318	1.52318	0.0743521	0.402436	-2.48487	0.10215	2.26815	2.26815	0.421717	0.686783	-1.45606	4.24395	14.0869	2.95048	1
cg07334912	DTD1	0.0424775	0.0765685	0.707612	-1.4132	0.00600557	1.87829	1.87829	0.383649	0.854838	-1.16981	0.359901	1.17971	1.17971	0.440773	0.871077	-1.148	0.31807	0.834278	-1.19864	0.13014	1.33247	1.33247	0.568648	1.10645	1.10645	0.0444383	1.49971	1.49971	3.60218	1.75861	0.433962	1
cg07991100	DTHD1	0.004114	0.912387	1.02396	1.02396	0.0600331	0.633569	-1.57836	0.00525426	0.453008	-2.20747	0.481583	1.16636	1.16636	0.000259556	0.274538	-3.64248	0.218586	1.32099	1.32099	0.0844517	0.663258	-1.50771	0.081002	1.5162	1.5162	0.646036	1.1046	1.1046	7.78621	5.70706	0.651529	1
cg21010701	DTHD1	0.00795978	0.458926	0.81959	-1.22012	0.129247	0.648909	-1.54105	0.032771	0.517403	-1.93273	0.049917	0.55437	-1.80385	0.000187046	0.189487	-5.2774	0.564583	1.16606	1.16606	0.299723	1.32781	1.32781	0.803893	0.93647	-1.06784	0.729706	1.09582	1.09582	6.35422	7.00431	0.97983	1
cg17537307	DTHD1;DTHD1	0.000257906	0.638045	1.08247	1.08247	0.695847	0.936407	-1.06791	0.0215303	1.58681	1.58681	0.169928	0.783112	-1.27696	3.80E-06	0.164662	-6.07305	0.579382	1.09816	1.09816	0.0842689	1.37633	1.37633	0.468436	1.13131	1.13131	0.337016	1.18003	1.18003	17.1438	7.59437	0.39376	1
cg06127263	DTHD1;DTHD1	0.00304357	0.891707	1.0581	1.0581	0.928716	1.0378	1.0378	0.209691	0.578006	-1.73008	0.00490461	0.213176	-4.69095	0.0067093	0.232751	-4.29644	0.535034	0.770682	-1.29755	0.000376183	0.0946931	-10.5604	0.0242795	3.04459	3.04459	0.0131264	0.279343	-3.57983	8.52158	23.2021	2.42022	1
cg17251384	DTHD1;DTHD1	0.00385001	0.00750505	1.4388	1.4388	0.00900126	0.703902	-1.42065	0.000994905	0.596302	-1.677	0.191699	0.86405	-1.15734	0.910748	0.988215	-1.01193	0.154552	0.851204	-1.17481	0.0133037	1.38302	1.38302	0.709748	1.04032	1.04032	0.225443	0.874072	-1.14407	7.94338	1.40618	0.157356	1
cg25735601	DTHD1;DTHD1	0.00895506	0.013365	0.231491	-4.31982	0.00717716	0.190633	-5.24567	0.552881	0.750758	-1.33199	0.37463	0.647168	-1.54519	0.00116043	0.102466	-9.75937	0.808851	0.890717	-1.12269	0.147749	2.09929	2.09929	0.0147543	0.238612	-4.1909	0.0419062	0.326398	-3.06374	6.12209	22.1089	3.21007	1
cg22260782	DTHD1;DTHD1	0.0119889	0.0351317	0.246313	-4.05987	0.000471487	0.0434466	-23.0168	0.479726	0.663547	-1.50705	0.68503	0.792315	-1.26212	0.0278302	0.2267	-4.41111	0.0819244	0.332722	-3.00551	0.254657	1.9719	1.9719	0.0272794	0.225087	-4.44272	0.583226	0.728816	-1.37209	5.57517	28.777	4.58812	1
cg00682487	DTHD1;DTHD1	0.0251353	0.0768529	1.8793	1.8793	0.642027	1.16196	1.16196	0.798675	0.921315	-1.08541	0.164648	1.6086	1.6086	0.00431821	0.294247	-3.39851	0.00609964	3.15146	3.15146	0.747593	1.10908	1.10908	0.986356	0.994532	-1.0055	0.937992	0.975361	-1.02526	4.34906	7.08178	1.44742	1
cg01411468	DTHD1;DTHD1	0.0287329	0.881163	0.954913	-1.04722	0.412474	1.29488	1.29488	0.652496	1.15004	1.15004	0.406327	1.29951	1.29951	0.000608307	0.196073	-5.10014	0.275412	1.41898	1.41898	0.462093	0.793835	-1.25971	0.652622	1.14997	1.14997	0.665292	1.14366	1.14366	4.14979	6.2512	1.33902	1
cg02280893	DTL	0.0277055	0.303859	0.679066	-1.47261	0.270578	0.659079	-1.51727	0.179412	0.595533	-1.67917	0.258429	1.53506	1.53506	0.00287234	0.225272	-4.43908	0.681116	0.860556	-1.16204	0.0895658	0.506481	-1.97441	0.0216456	2.72424	2.72424	0.425656	0.744036	-1.34402	4.2034	8.7938	1.85962	1
cg08610281	DTL	0.0449457	0.0196863	0.113838	-8.78438	0.0503207	0.178922	-5.58903	0.138174	0.291935	-3.42542	0.154412	0.308588	-3.24057	0.0124041	0.0906758	-11.0283	0.0512099	0.180429	-5.54234	0.00830323	0.0740881	-13.4974	0.305486	0.441141	-2.26685	0.0725154	0.213197	-4.69049	3.52712	33.2309	8.3747	1
cg22009464	DTNA;DTNA;DTNA;DTNA	0.034544	0.0669746	0.469009	-2.13216	0.100838	1.93988	1.93988	0.321273	1.45913	1.45913	0.050067	2.27918	2.27918	0.968812	0.985687	-1.01452	0.0426627	0.422969	-2.36424	0.0807674	0.489661	-2.04223	0.0274575	0.382249	-2.61609	0.439528	1.33735	1.33735	3.88551	8.36651	1.91401	1
cg25784280	DTNA;DTNA;DTNA;DTNA;DTNA	0.000335495	0.000825749	0.318699	-3.13776	0.850162	1.04387	1.04387	0.000267398	0.257127	-3.88913	0.0383219	0.579878	-1.7245	0.017722	0.519575	-1.92465	0.132397	0.691667	-1.44578	3.35E-05	0.16101	-6.21079	0.0387277	1.72194	1.72194	0.0049047	0.428993	-2.33104	15.9536	13.0233	0.725619	1
cg02790691	DTNA;DTNA;DTNA;DTNA;DTNA	0.0212517	0.0045073	0.278574	-3.58972	0.0782427	1.93573	1.93573	0.26725	1.47727	1.47727	0.238905	0.659408	-1.51651	0.0291367	0.419793	-2.38212	0.285901	0.687861	-1.45378	0.010866	0.339704	-2.94374	0.746181	0.896152	-1.11588	0.719606	1.12942	1.12942	4.60823	8.31855	1.60458	1
cg18517540	DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA	0.0250811	0.0127371	0.320852	-3.1167	0.898946	0.95441	-1.04777	0.0117145	0.314544	-3.17921	0.401826	0.729689	-1.37045	0.00804414	0.28738	-3.47971	0.36798	0.712039	-1.40442	0.0131996	0.32357	-3.09052	0.23959	1.57189	1.57189	0.618308	0.831535	-1.2026	4.35233	9.29788	1.89894	1
cg07414685	DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA	0.0154838	0.154774	1.33695	1.33695	0.0908707	0.70105	-1.42643	0.223001	0.783358	-1.27656	0.359853	1.19663	1.19663	0.00086439	0.385374	-2.59488	0.0456805	1.54789	1.54789	0.752887	0.941552	-1.06208	0.382449	1.18625	1.18625	0.838335	0.961794	-1.03972	5.12652	2.95225	0.511891	1
cg00602115	DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA	0.0190795	0.030943	5.08974	5.08974	0.150572	2.69021	2.69021	0.824485	1.15335	1.15335	0.0187942	6.22397	6.22397	0.0412938	0.220498	-4.53519	0.250486	2.16252	2.16252	0.395536	1.7487	1.7487	0.00333412	13.0162	13.0162	0.0438698	4.42701	4.42701	4.7803	31.2329	5.8077	1
cg24946729	DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA	0.0438341	0.245349	0.487689	-2.05049	0.00498967	0.111249	-8.98886	0.0274321	0.214034	-4.67215	0.667962	1.29047	1.29047	0.0225872	0.199155	-5.02121	0.350786	0.566931	-1.76388	0.178683	0.42985	-2.32639	0.0288984	0.218192	-4.58311	0.966977	0.975832	-1.02477	3.56028	19.6915	4.91634	1
cg09035253	DTNB;DTNB;DTNB;DTNB;DTNB	0.00178053	0.421189	0.88943	-1.12432	0.0384487	0.710362	-1.40773	0.00275802	0.554938	-1.802	0.229529	0.835446	-1.19697	0.00371157	0.571772	-1.74895	0.0103524	0.630951	-1.58491	0.00213922	1.84973	1.84973	0.260664	0.845953	-1.1821	0.00136283	0.515392	-1.94027	9.97319	3.21179	0.28626	1
cg20311770	DTNB;DTNB;DTNB;DTNB;DTNB	0.00417687	0.0888105	0.689273	-1.4508	0.00487892	0.477239	-2.09539	0.0102505	0.526483	-1.8994	0.868588	1.03337	1.03337	0.000259258	0.303782	-3.29183	0.183382	0.755901	-1.32292	0.0380822	0.620874	-1.61063	0.133787	1.37794	1.37794	0.857141	1.03637	1.03637	7.75063	4.82449	0.553301	1
cg16327227	DTNB;DTNB;DTNB;DTNB;DTNB	0.0048123	0.00113455	0.0597839	-16.7269	0.973353	1.01984	1.01984	0.445708	1.57983	1.57983	?	?	?	0.0368935	0.240269	-4.16199	0.002276	0.0811939	-12.3162	?	?	?	0.111536	2.77229	2.77229	0.755946	1.20132	1.20132	7.78562	33.1929	4.87241	1
cg08161138	DTNB;DTNB;DTNB;DTNB;DTNB	0.00600417	0.00641473	0.549733	-1.81906	0.0115123	0.586674	-1.70452	0.118319	0.751173	-1.33125	0.0187959	0.618585	-1.61659	0.212642	0.801326	-1.24793	0.120577	0.752702	-1.32855	0.00201987	2.08515	2.08515	0.225074	0.806546	-1.23985	0.087219	0.727145	-1.37524	6.93767	3.12826	0.400808	1
cg07213684	DTNB;DTNB;DTNB;DTNB;DTNB	0.00682669	0.513333	0.790866	-1.26444	0.00162706	0.202294	-4.94331	0.00547952	0.27453	-3.64259	0.381896	0.728032	-1.37357	0.292662	0.679498	-1.47168	0.0684204	0.485746	-2.05869	0.000914953	0.173071	-5.77798	0.299965	1.46255	1.46255	0.0618721	0.475099	-2.10482	6.66699	13.2277	1.7636	1
cg06621861	DTNB;DTNB;DTNB;DTNB;DTNB	0.0337721	0.380417	1.68323	1.68323	0.19324	2.21849	2.21849	0.288802	1.89135	1.89135	0.114051	2.7045	2.7045	0.523042	0.687555	-1.45443	0.751711	1.20165	1.20165	0.00352678	9.87007	9.87007	0.00339374	10.0254	10.0254	0.187449	2.24463	2.24463	3.91732	20.781	4.71547	1
cg27352373	DTNBP1;DTNBP1	0.000979341	0.197409	1.16082	1.16082	0.0833074	1.23346	1.23346	0.000232573	0.51253	-1.95111	0.461949	1.08541	1.08541	0.00210479	0.622908	-1.60537	0.867964	1.01838	1.01838	0.00741696	1.45861	1.45861	0.966594	0.995427	-1.00459	0.00203788	0.6213	-1.60953	11.8364	2.24555	0.168636	1
cg04277478	DTNBP1;DTNBP1;DTNBP1	1.01E-06	0.0142934	0.89116	-1.12213	0.568838	1.02221	1.02221	0.0102858	1.13127	1.13127	0.0680227	0.925009	-1.08107	1.55E-07	0.536081	-1.86539	2.89E-05	0.731143	-1.36772	5.79E-07	1.69233	1.69233	0.0145305	1.12168	1.12168	0.0401872	0.913543	-1.09464	73.1256	1.68489	0.020481	1
cg15210999	DTNBP1;DTNBP1;DTNBP1	3.04E-06	0.394417	0.90914	-1.09994	0.0241046	0.745478	-1.34142	4.18E-06	0.312535	-3.19964	7.38E-05	0.455309	-2.19631	6.62E-07	0.227528	-4.39506	0.79817	0.972405	-1.02838	0.129871	1.19563	1.19563	6.25E-07	0.225041	-4.44363	0.000817109	0.576405	-1.73489	55.1847	10.4227	0.167884	1
cg12993916	DTNBP1;DTNBP1;DTNBP1	0.00067785	0.0035899	0.300448	-3.32837	0.00980907	0.369536	-2.7061	0.0455617	0.497019	-2.01199	0.243425	0.689233	-1.45089	2.86E-05	0.0815553	-12.2616	0.000336834	0.171617	-5.82693	0.124172	0.601899	-1.66141	0.954822	1.01743	1.01743	0.00592555	0.333692	-2.99678	13.1286	19.333	1.30896	1
cg02830023	DTNBP1;DTNBP1;DTNBP1	0.00220483	0.00709187	0.418575	-2.38906	0.0240654	0.509863	-1.96131	0.0134837	0.465019	-2.15045	0.107435	0.644135	-1.55247	0.0001066	0.180522	-5.5395	0.347203	0.78481	-1.27419	0.0266708	1.92992	1.92992	0.14988	0.679455	-1.47177	0.0656127	0.596159	-1.6774	9.37128	9.3015	0.88227	1
cg26188825	DTNBP1;DTNBP1;DTNBP1	0.00434134	0.718219	0.90179	-1.10891	0.0149659	2.34775	2.34775	0.249663	1.40947	1.40947	0.0845667	1.72329	1.72329	0.000539629	0.215419	-4.64211	0.0182789	2.26398	2.26398	0.0286886	2.08802	2.08802	0.0882313	1.71026	1.71026	0.961878	0.986457	-1.01373	7.66061	9.87396	1.14571	1
cg18719571	DTNBP1;DTNBP1;DTNBP1	0.00550219	0.580952	1.07346	1.07346	0.0591798	1.31112	1.31112	0.00558268	0.629525	-1.5885	0.998543	0.999768	-1.00023	0.112244	0.802619	-1.24592	0.000333825	0.479056	-2.08744	0.13216	0.813332	-1.22951	0.632614	1.06315	1.06315	0.349344	1.13032	1.13032	7.12669	1.82485	0.227608	1
cg11938455	DTNBP1;DTNBP1;DTNBP1	0.00835422	0.0101029	0.294046	-3.40083	0.00287028	0.212925	-4.6965	0.00152936	0.179016	-5.58611	0.00748942	0.272982	-3.66324	0.253198	0.637582	-1.56843	0.0762936	0.47531	-2.10389	0.014263	0.319847	-3.1265	0.509739	0.777083	-1.28686	0.0254035	0.367139	-2.72376	6.25812	14.0979	2.00244	1
cg00452622	DTNBP1;DTNBP1;DTNBP1	0.00895177	0.239274	0.795621	-1.25688	0.330549	0.830051	-1.20474	0.519432	0.885894	-1.1288	0.500895	0.880958	-1.13513	0.00138381	0.423074	-2.36365	0.00140533	0.423991	-2.35854	0.441767	1.15664	1.15664	0.0655846	1.46722	1.46722	0.57476	1.1109	1.1109	6.1228	3.3376	0.484542	1
cg20857372	DTNBP1;DTNBP1;DTNBP1	0.0146836	0.796893	1.03665	1.03665	0.00205577	1.83293	1.83293	0.0367771	1.40286	1.40286	0.089881	1.29806	1.29806	0.0349272	0.709643	-1.40916	0.103647	1.2819	1.2819	0.0637618	1.3375	1.3375	0.207051	0.830543	-1.20403	0.691784	0.945915	-1.05718	5.21732	1.60898	0.274127	1
cg04611912	DTNBP1;DTNBP1;DTNBP1	0.0243336	0.0016773	0.165752	-6.03309	0.261439	1.59765	1.59765	0.134942	0.524797	-1.9055	0.828031	0.916645	-1.09094	0.0102258	0.273822	-3.652	0.364984	0.689074	-1.45122	0.110787	0.499006	-2.00398	0.181423	0.566894	-1.764	0.0524415	0.41381	-2.41657	4.39831	11.1496	2.25332	1
cg07172036	DTNBP1;DTNBP1;DTNBP1	0.0327153	0.623066	0.818369	-1.22194	0.814256	1.0999	1.0999	0.0090868	0.261529	-3.82367	0.294689	0.644214	-1.55228	0.312302	0.655147	-1.52637	0.0140327	0.293133	-3.41142	?	?	?	0.0130334	0.287555	-3.4776	0.232964	1.65869	1.65869	4.02773	9.28245	2.30463	1
cg05356998	DTNBP1;DTNBP1;DTNBP1	0.0451944	0.0550051	0.239845	-4.16935	0.0213071	0.162684	-6.1469	0.0319147	0.192089	-5.20592	0.202284	0.413377	-2.4191	0.0310563	0.189958	-5.26433	0.0686042	0.262475	-3.80988	0.0177894	0.150943	-6.62503	0.0184032	0.15309	-6.53212	0.0743378	0.271239	-3.68678	3.51984	24.0039	6.06187	1
cg14542802	DTNBP1;DTNBP1;DTNBP1;DTNBP1;DTNBP1;DTNBP1	0.0262754	0.595022	0.766986	-1.3038	0.00257248	8.82603	8.82603	0.00892216	5.51737	5.51737	0.0909356	2.5433	2.5433	0.861558	0.917409	-1.09003	0.738126	1.18031	1.18031	?	?	?	0.54563	1.3533	1.3533	0.0442031	3.21117	3.21117	4.80746	16.1535	2.94007	1
cg06034708	DTWD1;DTWD1	4.77E-05	0.0892187	0.831222	-1.20305	7.09E-05	0.489346	-2.04354	0.000149242	0.525892	-1.90153	0.00014397	1.90791	1.90791	0.00601566	1.42479	1.42479	0.093721	0.833763	-1.19938	0.00918158	0.721594	-1.38582	0.0258882	0.770365	-1.29809	6.81E-05	0.487344	-2.05194	26.9607	4.15426	0.136965	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10338571	DTWD1;DTWD1	0.0117651	0.490292	1.31423	1.31423	0.0111235	0.289051	-3.4596	0.0116166	0.292239	-3.42186	0.239831	1.61598	1.61598	0.00861084	0.270783	-3.69299	0.126297	0.524666	-1.90597	0.961602	1.01895	1.01895	0.0193433	3.01308	3.01308	0.481296	1.32198	1.32198	5.60932	13.5091	2.14073	1
cg26663560	DTWD1;DTWD1	0.0380376	0.0301021	0.635638	-1.57322	0.0476991	1.49519	1.49519	0.417162	1.15871	1.15871	0.387652	0.854447	-1.17035	0.0483307	0.669781	-1.49303	0.147433	0.758703	-1.31804	0.0660453	1.44243	1.44243	0.633796	1.089	1.089	0.0674281	0.694864	-1.43913	3.75178	1.87526	0.444296	1
cg16123319	DTWD1;DTWD1;DTWD1;DTWD1;C15orf33	0.019147	?	?	?	0.0201293	0.539383	-1.85397	0.00318156	0.393294	-2.54263	?	?	?	?	?	?	0.991841	0.997905	-1.0021	0.743428	0.934774	-1.06978	?	?	?	0.323883	1.23543	1.23543	6.70658	2.36411	0.423008	1
cg08755283	DTWD2	0.00222254	0.153179	1.10401	1.10401	0.00135592	0.740128	-1.35112	0.00351844	0.774138	-1.29176	0.134297	1.1101	1.1101	0.168055	0.909344	-1.09969	0.00813721	1.245	1.245	0.00371306	0.776025	-1.28862	0.0575483	0.870288	-1.14904	0.761326	1.0199	1.0199	9.34936	0.619597	0.0589081	1
cg20662016	DTWD2	0.00708346	0.232018	1.3676	1.3676	0.331093	0.778442	-1.28462	0.0194219	0.493719	-2.02544	0.244542	1.35534	1.35534	0.000253069	0.221712	-4.51036	0.238542	1.36113	1.36113	0.847831	1.04915	1.04915	0.249664	1.35051	1.35051	0.608411	0.878918	-1.13776	6.59071	6.5112	0.878166	1
cg15117895	DTWD2	0.00768215	0.195556	0.716116	-1.39642	0.00124496	0.316425	-3.1603	0.0277179	0.530055	-1.8866	0.497978	1.18273	1.18273	0.067657	0.606923	-1.64766	0.113224	1.52268	1.52268	0.108412	1.53295	1.53295	0.471987	0.836554	-1.19538	0.00536277	0.408816	-2.44609	6.42548	6.05546	0.8377	1
cg26441200	DTWD2	0.0112027	0.0367767	0.58196	-1.71833	0.168666	0.72086	-1.38723	0.00142317	0.357014	-2.80101	0.527638	1.15351	1.15351	0.028078	0.560512	-1.78408	0.487366	1.17054	1.17054	0.00914479	0.477684	-2.09343	0.0439787	0.596575	-1.67624	0.0157337	0.516604	-1.93572	5.69887	4.49474	0.701073	1
cg14415379	DTWD2	0.0117275	0.0611438	1.39461	1.39461	0.0126458	0.613464	-1.63009	0.856939	0.971956	-1.02885	0.163693	0.79113	-1.26401	0.729622	1.05622	1.05622	0.0236921	0.653311	-1.53066	0.00168852	0.492949	-2.02861	0.133281	0.774693	-1.29083	0.224155	1.22298	1.22298	5.61516	2.20974	0.349806	1
cg08340453	DTWD2	0.0134507	0.0864345	1.50971	1.50971	0.00156026	0.372048	-2.68782	0.0471585	0.610193	-1.63883	0.664922	1.09941	1.09941	0.165998	1.37886	1.37886	0.785505	0.942398	-1.06112	0.0169605	1.88376	1.88376	0.834233	1.04663	1.04663	0.47817	0.854856	-1.16979	5.36996	4.02254	0.66585	1
cg16362014	DTWD2	0.0135365	0.7613	0.928388	-1.07714	0.00124167	0.316343	-3.16112	0.00758603	0.432785	-2.31062	0.326139	0.780943	-1.2805	0.212457	1.37752	1.37752	0.334418	1.2748	1.2748	0.720295	0.916045	-1.09165	0.416719	1.22437	1.22437	0.0268133	0.527445	-1.89593	5.35878	5.04813	0.83736	1
cg04213700	DTWD2	0.0145117	0.856824	1.04883	1.04883	0.00311412	0.343908	-2.90776	0.0158538	0.458405	-2.18148	0.180386	0.686948	-1.45572	0.985086	0.995078	-1.00495	0.84665	0.950174	-1.05244	0.00581007	2.59515	2.59515	0.248278	0.727167	-1.3752	0.360549	0.780262	-1.28162	5.23763	5.78027	0.980981	1
cg08941873	DTWD2	0.01513	0.212752	0.787518	-1.26981	0.836517	0.963088	-1.03833	0.0821435	0.704291	-1.41987	0.0843492	1.41559	1.41559	0.000388044	0.357028	-2.8009	0.770589	1.05466	1.05466	0.692502	0.930206	-1.07503	0.999059	0.999785	-1.00021	0.162607	0.76236	-1.31172	5.16594	2.71074	0.466429	1
ch.5.2157599F	DTWD2	0.0169355	0.000477526	0.115602	-8.65035	0.565356	0.795572	-1.25696	0.745896	1.1365	1.1365	0.0813587	0.467553	-2.13879	0.039068	0.3907	-2.55951	0.018303	0.324067	-3.08578	0.47618	0.751952	-1.32987	0.710996	0.863767	-1.15772	0.987319	0.993765	-1.00627	4.9758	12.2029	2.17996	1
cg11631579	DTWD2	0.0283342	0.50908	1.20212	1.20212	0.397722	0.788214	-1.26869	0.0857331	0.593357	-1.68533	0.784516	0.927437	-1.07824	0.00252465	0.315865	-3.16591	0.766698	0.92148	-1.08521	0.0945384	0.603458	-1.65712	0.026139	2.06531	2.06531	0.190833	0.683388	-1.4633	4.1703	4.98899	1.06339	1
cg13927247	DTWD2	0.0320985	0.921176	1.03705	1.03705	0.0121875	0.317203	-3.15255	0.00997744	0.302406	-3.30681	0.387803	1.38454	1.38454	0.577584	1.22974	1.22974	0.0669298	2.1275	2.1275	0.175028	1.69927	1.69927	0.244058	1.56517	1.56517	0.290856	0.668369	-1.49618	3.98949	8.53736	1.90219	1
cg07125541	DTX1	0.00264023	0.229319	1.70123	1.70123	0.000830051	8.33022	8.33022	0.00512235	4.74809	4.74809	0.0103409	3.89884	3.89884	0.00876113	0.245021	-4.08128	0.0690248	2.35615	2.35615	0.00467157	4.87574	4.87574	0.0304472	2.91948	2.91948	0.568195	1.27504	1.27504	8.88794	24.976	2.49786	1
cg22685245	DTX1	0.00528007	0.102785	1.55982	1.55982	0.390318	0.803133	-1.24512	0.857194	0.956129	-1.04588	0.674799	1.11082	1.11082	0.148209	1.47153	1.47153	0.0391129	1.8124	1.8124	0.000188264	0.208275	-4.80135	0.173859	1.43382	1.43382	0.344548	1.27441	1.27441	7.21731	7.09055	0.873277	1
cg01620165	DTX1	0.00799542	0.0311393	2.07657	2.07657	0.00110435	4.01185	4.01185	0.00840988	2.64402	2.64402	0.0587416	1.85288	1.85288	0.825153	1.066	1.066	0.053441	1.8846	1.8846	0.00240401	3.39225	3.39225	0.0123654	2.45873	2.45873	0.0692872	1.7987	1.7987	6.34529	8.38617	1.17479	1
cg05689110	DTX1	0.016593	0.0666126	2.7728	2.7728	0.257665	1.79628	1.79628	0.184276	0.497408	-2.01042	0.173734	2.04958	2.04958	0.0383939	0.304338	-3.28582	0.138169	2.20684	2.20684	0.00637437	5.81476	5.81476	0.00652846	5.76874	5.76874	0.247929	1.8202	1.8202	5.00988	19.5088	3.4614	1
cg00644554	DTX1	0.0201749	0.071247	2.99615	2.99615	0.00782072	6.41888	6.41888	0.067923	3.04514	3.04514	0.447062	1.52509	1.52509	0.756035	1.18499	1.18499	0.809183	0.876554	-1.14083	0.00494075	7.59495	7.59495	0.00354389	8.60752	8.60752	0.109975	2.58268	2.58268	4.69066	22.035	4.17567	1
cg27664496	DTX1	0.0320659	0.0203687	6.70908	6.70908	0.0653522	4.08939	4.08939	0.288587	2.1171	2.1171	0.328628	1.98667	1.98667	0.125342	3.09385	3.09385	0.0687531	4.00237	4.00237	0.00989388	9.19722	9.19722	0.00290482	16.2246	16.2246	0.0704728	3.96063	3.96063	3.99094	29.2982	6.52549	1
cg21593001	DTX1	0.0362511	0.15762	2.46927	2.46927	0.420446	1.63622	1.63622	0.897774	0.92599	-1.07993	0.390456	1.69286	1.69286	0.104095	2.89514	2.89514	0.0589303	3.58229	3.58229	0.00170165	14.5995	14.5995	0.0115161	6.62324	6.62324	0.24161	2.08181	2.08181	3.81818	21.6409	5.03809	1
cg00329618	DTX1	0.039362	0.244352	1.55658	1.55658	0.872767	0.943435	-1.05996	0.402862	0.732695	-1.36482	0.984384	0.992914	-1.00714	0.131286	1.80745	1.80745	0.0887755	1.97791	1.97791	0.00158059	5.19773	5.19773	0.0375392	2.403	2.403	0.644648	1.1838	1.1838	3.70499	7.74542	1.85826	1
cg09323400	DTX1	0.044584	?	?	?	0.017726	0.421527	-2.37233	0.944287	0.98361	-1.01666	?	?	?	?	?	?	?	?	?	0.053656	0.547872	-1.82524	0.0157621	0.408599	-2.44739	0.789849	1.06536	1.06536	6.69928	2.86875	0.342574	1
cg14541209	DTX1	0.0456683	0.11088	2.07772	2.07772	0.0179448	3.35618	3.35618	0.00940568	3.99897	3.99897	0.766597	1.13351	1.13351	0.0764543	0.436171	-2.29268	0.335775	1.51871	1.51871	0.809414	1.10708	1.10708	0.0656195	2.38652	2.38652	0.196607	1.77675	1.77675	3.5061	9.84197	2.4952	1
cg11939071	DTX1	0.0496198	0.0203762	0.530959	-1.88339	0.681646	0.910824	-1.09791	0.412687	1.20884	1.20884	0.206926	0.739772	-1.35177	0.0164042	0.514679	-1.94296	0.0707387	0.633001	-1.57978	0.00978182	0.477243	-2.09537	0.664156	0.905808	-1.10399	0.123369	0.685258	-1.4593	3.39797	2.75978	0.721941	1
cg26558111	DTX2;DTX2;DTX2;DTX2	0.0247104	0.102087	0.658025	-1.5197	0.325383	0.788579	-1.2681	0.0335057	0.559356	-1.78777	0.17715	0.714973	-1.39865	0.00219435	0.36623	-2.73053	0.0142345	0.492999	-2.0284	0.0390216	0.571901	-1.74855	0.415286	1.21502	1.21502	0.0703434	0.623049	-1.60501	4.37492	3.79065	0.770178	1
cg14215864	DTX3	0.00134161	0.00217937	0.346366	-2.88712	0.0112506	0.457007	-2.18815	0.632933	0.888114	-1.12598	0.0232618	0.512322	-1.9519	8.51E-05	0.175284	-5.70504	0.00117751	0.309207	-3.23408	0.00627092	0.415537	-2.40652	0.132909	0.670446	-1.49154	0.006631	0.419393	-2.3844	10.821	10.4215	0.856079	1
cg06596054	DTX3	0.00543377	0.00544175	0.482304	-2.07338	0.00190708	0.416117	-2.40317	0.00159415	0.405229	-2.46774	0.597434	1.11212	1.11212	0.266692	0.793942	-1.25954	0.0813811	0.680324	-1.46989	0.241019	1.27728	1.27728	0.169906	0.747144	-1.33843	0.00742505	0.502797	-1.98887	7.15411	4.50475	0.55971	1
cg03068431	DTX3	0.0169189	0.00716745	0.343262	-2.91322	0.0359112	0.471566	-2.1206	0.33487	0.736167	-1.35839	0.3304	0.733943	-1.3625	0.00172358	0.252251	-3.96431	0.0175802	0.410745	-2.4346	0.0146426	0.396257	-2.52361	0.922165	0.970349	-1.03056	0.121076	0.595874	-1.67821	4.97743	7.4775	1.33536	1
cg17295489	DTX3	0.0410013	0.829539	1.06349	1.06349	0.443315	1.25001	1.25001	0.0115626	2.46338	2.46338	0.530796	1.19874	1.19874	0.0602111	0.54599	-1.83154	0.0189686	0.444385	-2.2503	0.590378	0.85629	-1.16783	0.0910406	0.587754	-1.70139	0.448406	1.24679	1.24679	3.64969	4.71157	1.14751	1
cg19217692	DTX3	0.042591	0.00839888	0.670285	-1.4919	0.00614946	0.653946	-1.52918	0.0161472	0.704881	-1.41868	0.753504	0.963259	-1.03814	0.951592	1.00724	1.00724	0.665512	0.949629	-1.05304	0.899988	0.985171	-1.01505	0.593826	0.93804	-1.06605	0.570024	1.07059	1.07059	3.59861	0.804742	0.198778	1
cg02519879	DTX3L	0.00892659	0.00445847	0.228383	-4.37862	0.270682	0.639878	-1.5628	0.147358	0.545918	-1.83178	0.0374921	0.390722	-2.55936	0.000636239	0.129712	-7.70937	0.0358371	0.386473	-2.5875	0.0360656	0.387069	-2.58352	0.212295	1.66773	1.66773	0.303383	0.660328	-1.5144	6.12828	14.7105	2.13371	1
cg17044529	DTX4	0.000143236	0.0576593	1.71704	1.71704	0.295132	0.763601	-1.30958	0.0235138	0.502834	-1.98873	0.205654	0.71709	-1.39453	0.449495	0.826196	-1.21037	1.79E-06	0.0317619	-31.4843	0.876211	0.962219	-1.03927	0.382385	1.24876	1.24876	0.309648	0.770217	-1.29834	26.0215	24.6203	0.735894	1
cg24498692	DTX4	0.000733171	0.68404	1.11597	1.11597	0.00533957	0.373747	-2.67561	0.259606	0.729511	-1.37078	0.300861	1.33307	1.33307	0.000158813	0.176992	-5.64997	0.0859143	0.601123	-1.66355	5.08E-05	0.130572	-7.65861	0.179953	0.68256	-1.46507	0.843371	1.05448	1.05448	12.8431	14.6288	1.01248	1
cg16770774	DTX4	0.000904956	0.610514	0.877635	-1.13943	0.0245392	0.506307	-1.97509	0.000167073	0.196184	-5.09727	0.453577	1.21409	1.21409	0.000346462	0.231654	-4.31677	0.00160489	0.316684	-3.15772	0.106867	1.56409	1.56409	0.238879	1.36811	1.36811	0.500123	0.840366	-1.18996	12.1039	12.3771	0.908954	1
cg21089930	DTX4	0.00549871	0.550981	0.788062	-1.26894	7.68E-05	0.0591129	-16.9168	0.144057	0.538153	-1.85821	0.673476	0.845923	-1.18214	0.0669195	0.444464	-2.2499	0.424546	0.724715	-1.37985	0.798766	1.10612	1.10612	0.0159736	0.31202	-3.20492	0.257239	0.627001	-1.59489	7.12807	17.5965	2.19433	1
cg03197939	DTX4	0.00655371	0.810232	0.954854	-1.04728	0.00123567	0.40375	-2.47678	0.357907	0.833968	-1.19909	0.00821562	1.91425	1.91425	0.514655	0.88083	-1.13529	0.119074	0.722629	-1.38384	0.116702	1.38725	1.38725	0.0182405	1.73379	1.73379	0.151857	1.34289	1.34289	6.75211	3.94369	0.519172	1
cg13882836	DTX4	0.00663699	0.720684	1.05116	1.05116	0.353204	0.875673	-1.14198	0.569651	0.923245	-1.08314	0.156794	0.810197	-1.23427	0.793807	1.03708	1.03708	0.851063	0.974215	-1.02647	7.29E-05	0.366759	-2.72659	0.593482	1.07776	1.07776	0.389185	0.884578	-1.13048	6.72568	2.05749	0.271925	1
cg02865149	DTX4	0.00760516	0.51773	0.889593	-1.12411	0.00231092	2.13705	2.13705	0.0190831	1.65882	1.65882	0.306381	0.827857	-1.20794	0.375838	0.850327	-1.17602	0.208096	1.26715	1.26715	0.00241117	0.470506	-2.12537	0.649408	0.921601	-1.08507	0.355426	1.18481	1.18481	6.44582	3.24885	0.448022	1
cg17696194	DTX4	0.0464376	0.022517	1.93017	1.93017	0.058606	1.67219	1.67219	0.0164333	2.02504	2.02504	0.0837748	1.5849	1.5849	0.842174	1.04915	1.04915	0.287904	0.766803	-1.30412	0.907528	1.02836	1.02836	0.703206	1.0965	1.0965	0.0137126	2.08224	2.08224	3.48417	3.19578	0.815313	1
cg18803246	DTX4;DTX4	0.00885374	0.317303	1.15477	1.15477	0.0143071	0.656742	-1.52267	0.82989	0.970494	-1.0304	0.0550612	0.738751	-1.35364	0.649142	0.93823	-1.06584	0.887007	1.01999	1.01999	0.0609156	1.34186	1.34186	0.810548	1.034	1.034	0.000457129	0.463779	-2.1562	6.14422	1.88566	0.2728	1
cg15720975	DTYMK;DTYMK;DTYMK	0.00283439	?	?	?	0.00504221	1.89411	1.89411	0.00195502	0.357651	-2.79602	?	?	?	0.00496733	1.90329	1.90329	0.0048107	1.92332	1.92332	?	?	?	?	?	?	?	?	?	352.059	4.55684	0.0064717	1
cg21478921	DTYMK;DTYMK;DTYMK	0.00724384	0.161928	1.5889	1.5889	0.00589187	0.327199	-3.05625	0.00961369	0.361921	-2.76304	0.77471	0.914867	-1.09305	0.00262313	0.274834	-3.63856	0.0886213	0.558559	-1.79032	0.0575444	1.94629	1.94629	0.0255182	0.439163	-2.27706	0.554324	0.830733	-1.20376	6.54479	9.96465	1.35336	1
cg10888811	DTYMK;DTYMK;DTYMK	0.018344	0.0435121	0.37988	-2.63241	0.0164259	0.294459	-3.39605	0.00683458	0.232048	-4.30945	0.0777978	0.441663	-2.26417	0.327066	0.655832	-1.52478	0.3734	0.683182	-1.46374	0.00182695	0.157762	-6.33864	0.448081	1.38039	1.38039	0.152361	0.527697	-1.89503	4.84416	13.3379	2.44747	1
cg00969323	DTYMK;DTYMK;DTYMK	0.0244007	0.0488953	0.201368	-4.96603	0.0349036	0.173444	-5.76554	0.0881897	0.261653	-3.82185	0.262568	0.434999	-2.29886	0.0161946	0.122947	-8.13358	0.17294	0.355763	-2.81086	0.00422643	0.065262	-15.3229	0.00556529	0.0746327	-13.399	0.0404536	0.185167	-5.40054	4.39411	35.3405	7.14907	1
cg06974460	DTYMK;DTYMK;DTYMK	0.02447	0.0199833	0.291512	-3.43039	0.260628	1.67376	1.67376	0.110934	2.14344	2.14344	0.0403235	0.353509	-2.82878	0.973606	1.01463	1.01463	0.899989	1.05675	1.05675	0.00462042	0.191195	-5.23027	0.415947	1.44052	1.44052	0.102193	0.456018	-2.1929	4.38979	13.3991	2.71319	1
cg01405367	DTYMK;DTYMK;DTYMK	0.0393715	0.0061194	0.563301	-1.77525	0.660169	0.93148	-1.07356	0.920164	1.01621	1.01621	0.0584026	0.709583	-1.40928	0.0675382	0.719949	-1.38899	0.225937	0.815471	-1.22628	0.0277996	1.51765	1.51765	0.961206	1.00783	1.00783	0.231292	0.817563	-1.22315	3.70466	1.51	0.362306	1
cg00130180	DTYMK;DTYMK;DTYMK	0.0443824	0.0569955	0.305794	-3.27018	0.00661719	0.143803	-6.95396	0.719625	0.820123	-1.21933	0.800079	1.14982	1.14982	0.162688	0.440477	-2.27027	0.283653	0.541838	-1.84557	0.00981329	0.165978	-6.02491	0.03362	0.255306	-3.91687	0.0789559	0.341928	-2.92459	3.5438	16.9864	4.26068	1
cg18361031	DTYMK;DTYMK;DTYMK;DTYMK;DTYMK	0.0129656	0.00215606	0.295844	-3.38016	0.676742	1.12586	1.12586	0.0981762	1.67012	1.67012	0.0453461	0.522507	-1.91385	0.990047	0.996479	-1.00353	0.00202015	0.291892	-3.42593	0.477927	0.815458	-1.2263	0.341582	0.757989	-1.31928	0.440752	0.800681	-1.24894	5.43484	6.88156	1.1255	1
cg07389922	DULLARD;C17orf81;DULLARD	0.00239955	0.00320517	0.357996	-2.79333	0.0508146	0.566592	-1.76494	0.0140346	0.460994	-2.16922	0.240311	0.73059	-1.36876	0.00822992	0.421878	-2.37035	0.115851	0.646366	-1.54711	0.000128124	0.182573	-5.47725	0.00458497	0.381517	-2.62112	0.00477267	0.384207	-2.60277	9.14161	9.43882	0.917789	1
cg00428598	DULLARD;DULLARD	0.00193371	0.199923	0.762277	-1.31186	0.620411	0.904764	-1.10526	0.402564	1.18735	1.18735	0.0136754	1.84283	1.84283	0.00741802	0.500885	-1.99646	0.0108692	0.52674	-1.89847	0.00419144	0.463509	-2.15746	0.00552788	0.481451	-2.07706	0.000553325	0.341434	-2.92882	9.73699	6.19699	0.565722	1
cg07470322	DULLARD;DULLARD	0.0465498	0.591677	1.23534	1.23534	0.0115593	0.279176	-3.58197	0.502214	1.30477	1.30477	0.857005	0.932105	-1.07284	0.207425	1.68605	1.68605	0.390946	1.41041	1.41041	0.00675016	0.239874	-4.16885	0.487124	1.31764	1.31764	0.302741	0.658144	-1.51942	3.7852	8.91497	1.83184	1
cg23355997	DULLARD;DULLARD;C17orf81;C17orf81;C17orf81;C17orf81;DULLARD	0.0063676	0.429053	1.13181	1.13181	0.0744671	0.737271	-1.35635	0.955358	1.00862	1.00862	0.723249	1.05605	1.05605	0.228784	1.21376	1.21376	0.0757107	1.3542	1.3542	0.000136398	2.75216	2.75216	0.514736	1.10664	1.10664	0.229713	0.824238	-1.21324	6.81271	2.53821	0.331173	1
cg13570892	DUOX1;DUOX1	0.00118482	0.0023933	0.355203	-2.81529	0.970796	0.991086	-1.00899	0.0765907	0.617676	-1.61897	0.88821	1.035	1.035	0.212491	0.725284	-1.37877	0.0248308	0.520296	-1.92198	5.76E-05	0.161276	-6.20055	0.0105154	2.1978	2.1978	0.116288	0.658716	-1.51811	11.2125	10.6244	0.842266	1
cg24006582	DUOX1;DUOX1	0.00865211	0.272946	0.679042	-1.47266	0.141588	1.7095	1.7095	0.506089	0.795425	-1.25719	0.906968	1.04046	1.04046	0.000114303	0.100579	-9.9424	0.339382	0.716013	-1.39662	0.401942	0.747506	-1.33778	0.746339	0.89574	-1.1164	0.576736	0.825891	-1.21081	6.18921	11.281	1.62017	1
cg23892644	DUOX1;DUOX1	0.0128881	0.0110372	1.63369	1.63369	0.584432	0.918477	-1.08876	0.0199828	0.648995	-1.54084	0.498672	1.11155	1.11155	0.304214	0.848883	-1.17802	0.880833	1.02337	1.02337	0.00191605	0.508385	-1.96701	0.332787	1.16629	1.16629	0.121516	0.772234	-1.29494	5.4455	2.04456	0.333741	1
cg18179145	DUOX1;DUOX1	0.0141856	0.295638	1.14407	1.14407	0.177611	1.19459	1.19459	0.441958	1.10219	1.10219	0.0618981	0.770347	-1.29812	0.485162	0.915738	-1.09202	0.502674	0.919044	-1.08809	0.000736443	1.88967	1.88967	0.0513884	1.31688	1.31688	0.060412	1.30055	1.30055	5.27697	1.28714	0.216814	1
cg23166740	DUOX1;DUOX1	0.0202028	0.0256163	0.715109	-1.39839	0.0693519	1.29295	1.29295	0.00332521	0.603209	-1.6578	0.681614	1.05355	1.05355	0.0560425	0.760572	-1.3148	0.0252184	0.714222	-1.40013	0.40756	1.11308	1.11308	0.728792	0.956936	-1.045	0.776165	0.964594	-1.03671	4.68846	1.18748	0.225135	1
cg00471903	DUOX1;DUOX1	0.0228095	0.545958	0.897198	-1.11458	0.000712973	2.49664	2.49664	0.455117	1.14459	1.14459	0.121182	0.742072	-1.34758	0.17573	0.774469	-1.29121	0.750201	1.05834	1.05834	0.368256	0.848696	-1.17828	0.875481	0.972547	-1.02823	0.295095	1.21258	1.21258	4.49773	2.24473	0.443627	1
cg08632961	DUOX1;DUOX1	0.0388876	0.651186	0.847247	-1.18029	0.378425	1.38975	1.38975	0.0550838	0.452884	-2.20807	0.687978	0.863265	-1.15839	0.000889366	0.163155	-6.12914	0.192812	0.605332	-1.65198	0.308029	0.68094	-1.46856	0.899443	0.955001	-1.04712	0.793691	0.90896	-1.10016	3.72152	7.81818	1.86738	1
cg25836545	DUOX1;DUOX1	0.049323	0.870755	0.966376	-1.03479	0.496274	0.864934	-1.15616	0.933137	1.01778	1.01778	0.914167	1.02291	1.02291	0.111548	1.43915	1.43915	0.00654043	0.476113	-2.10034	0.066921	1.53944	1.53944	0.0346443	0.59609	-1.6776	0.867313	1.03575	1.03575	3.40572	2.37984	0.621134	1
cg17438432	DUOX1;DUOX1;DUOXA1	0.000844351	0.636309	0.898895	-1.11248	7.92E-05	4.9341	4.9341	0.0136795	0.505432	-1.97851	0.299988	0.786353	-1.27169	0.00955947	0.479825	-2.08409	0.821244	0.95062	-1.05195	0.0891256	0.657357	-1.52124	0.0023106	2.5925	2.5925	0.815739	1.05362	1.05362	12.3431	9.78872	0.704937	1
cg15105703	DUOX1;DUOX1;DUOXA1	0.00318762	0.698265	0.919191	-1.08791	7.88E-05	4.68285	4.68285	0.291259	0.78909	-1.26728	0.500596	0.862536	-1.15937	0.309883	1.25519	1.25519	0.862609	0.963228	-1.03818	0.0406279	0.599701	-1.6675	0.0308533	1.73045	1.73045	0.943494	0.984785	-1.01545	8.40516	6.22799	0.658642	1
cg06904403	DUOX1;DUOX1;DUOXA1	0.0211147	0.749423	0.920978	-1.0858	0.00122145	3.37198	3.37198	0.0682493	0.59187	-1.68956	0.775098	1.07636	1.07636	0.795538	1.06898	1.06898	0.889154	0.964811	-1.03647	0.304257	0.760851	-1.31432	0.0179801	2.09277	2.09277	0.891938	0.965686	-1.03553	4.61843	4.82687	0.929006	1
cg10583297	DUOX1;DUOX1;DUOXA1	0.0225144	0.912309	1.05412	1.05412	0.000810265	11.2148	11.2148	0.0335122	0.304697	-3.28195	0.912266	1.05415	1.05415	0.545517	0.746224	-1.34008	0.345849	0.628433	-1.59126	0.955425	1.02711	1.02711	0.2119	1.87614	1.87614	0.938847	1.0374	1.0374	4.51793	16.3822	3.22314	1
cg05804220	DUOX1;DUOX1;DUOXA1	0.0368815	0.0837614	4.19973	4.19973	0.0889528	4.08263	4.08263	0.0860209	0.241108	-4.14752	0.484597	1.70333	1.70333	?	?	?	?	?	?	0.295165	0.443047	-2.2571	0.00694177	13.7266	13.7266	0.393003	1.92734	1.92734	3.93126	27.229	7.91577	1
cg19295951	DUOX1;DUOX1;DUOXA1;DUOXA1	0.00640869	0.648564	0.789491	-1.26664	0.00393962	7.3745	7.3745	0.442369	1.49704	1.49704	0.195192	2.02541	2.02541	0.276156	1.79234	1.79234	0.283549	0.563311	-1.77522	?	?	?	0.000299263	20.7084	20.7084	0.22243	1.93575	1.93575	6.94168	25.9316	3.73564	1
cg08328777	DUOX1;DUOX1;DUOXA1;DUOXA1	0.0122814	0.95639	0.97768	-1.02283	0.206724	1.7327	1.7327	0.503787	1.32319	1.32319	0.059326	2.40784	2.40784	0.430896	1.39354	1.39354	0.796825	1.11237	1.11237	0.657742	1.20207	1.20207	0.000153747	14.5543	14.5543	0.787786	0.894607	-1.11781	5.5317	14.9273	2.39867	1
cg07320850	DUOX1;DUOXA1;DUOX1	4.27E-05	0.135606	0.80598	-1.24072	2.40E-06	0.215067	-4.64972	0.161285	0.81822	-1.22217	0.198926	1.19966	1.19966	0.00159098	1.83626	1.83626	0.218815	1.18939	1.18939	0.000604074	2.03242	2.03242	0.0944578	0.781514	-1.27957	0.000992024	0.518869	-1.92727	27.7504	7.90413	0.253182	1
cg23531257	DUOX1;DUOXA1;DUOX1	0.00586112	0.228959	1.46578	1.46578	0.00750259	0.352639	-2.83576	0.0781985	1.80877	1.80877	0.0812213	1.79582	1.79582	0.00626647	2.94099	2.94099	0.200044	1.50682	1.50682	0.0185588	2.37408	2.37408	0.0113532	0.382899	-2.61165	0.326119	0.735599	-1.35944	6.98947	10.1546	1.29141	1
cg16086109	DUOX1;DUOXA1;DUOX1	0.0497883	0.90913	1.02115	1.02115	0.182227	0.771374	-1.29639	0.00556029	0.512819	-1.95001	0.43712	1.15643	1.15643	0.16178	0.760386	-1.31512	0.127549	0.739256	-1.35271	0.351757	1.19209	1.19209	0.0188111	0.593428	-1.68512	0.156051	0.757114	-1.3208	3.3936	1.80683	0.473266	1
cg01676467	DUOX2	0.000398294	0.179542	0.704578	-1.41929	0.0633341	1.67014	1.67014	0.0171534	0.489949	-2.04103	0.544911	1.16242	1.16242	1.31E-05	0.105964	-9.43712	0.464874	1.20045	1.20045	0.00120926	0.312204	-3.20304	0.174588	0.701391	-1.42574	0.00468914	0.397253	-2.51729	15.2181	14.541	0.849336	1
cg06817516	DUOX2	0.00265953	0.205511	1.72234	1.72234	0.0119941	3.58135	3.58135	0.0668495	2.30789	2.30789	0.774874	1.12381	1.12381	0.416836	0.713357	-1.40182	0.340476	0.670401	-1.49164	0.00900278	0.258762	-3.86455	0.000157073	13.9105	13.9105	0.596819	0.804682	-1.24273	8.86885	23.2747	2.33273	1
cg22525701	DUOX2	0.00347494	0.94807	1.02688	1.02688	0.0126795	0.283118	-3.53209	0.0130575	0.285309	-3.50497	0.957615	0.978585	-1.02188	0.00320509	0.194238	-5.14832	0.569808	0.791402	-1.26358	0.000631427	0.11773	-8.494	0.00084935	0.129713	-7.70931	0.274843	0.629548	-1.58844	8.1914	21.5226	2.33553	1
cg10778736	DUOX2;DUOXA2	9.48E-05	0.0735449	0.684756	-1.46037	0.013679	0.560568	-1.7839	0.766805	1.05807	1.05807	0.348381	0.832556	-1.20112	0.225953	0.785563	-1.27297	0.816406	0.956816	-1.04513	4.53E-06	7.3919	7.3919	0.000107852	3.65412	3.65412	0.0338838	1.60023	1.60023	22.4616	12.8173	0.50723	1
cg04222582	DUOX2;DUOXA2	0.000187844	0.00033225	4.7051	4.7051	0.0656792	1.73722	1.73722	0.00285449	2.99718	2.99718	0.188985	1.45077	1.45077	0.979892	0.993284	-1.00676	0.721149	0.90862	-1.10057	0.00337398	0.344367	-2.90388	1.05E-05	12.4095	12.4095	0.0752893	1.69812	1.69812	18.686	21.1575	1.00646	1
cg11562513	DUOX2;DUOXA2	0.00111217	0.00132635	1.99326	1.99326	0.765102	0.956696	-1.04526	0.704903	0.94534	-1.05782	0.00701615	0.597488	-1.67367	0.18243	0.81135	-1.23251	0.00707767	0.598002	-1.67223	0.00213989	0.52878	-1.89115	0.18075	1.23363	1.23363	0.00219293	1.88617	1.88617	11.4165	3.94652	0.307277	1
cg07821960	DUOX2;DUOXA2	0.0187583	0.913145	1.0302	1.0302	0.995194	0.998359	-1.00164	0.537995	0.843631	-1.18535	0.900017	1.03487	1.03487	0.527364	1.1908	1.1908	0.0298094	0.497973	-2.00814	0.539106	0.844033	-1.18479	0.000529149	4.35735	4.35735	0.696715	1.11272	1.11272	4.80781	5.66219	1.04685	1
cg16778527	DUOX2;DUOXA2	0.0235924	0.368502	0.698048	-1.43257	0.244407	1.60846	1.60846	0.283203	0.647454	-1.54451	0.433863	1.36407	1.36407	0.533927	1.27717	1.27717	0.0382645	0.385724	-2.59253	0.00283741	0.186617	-5.35856	0.0936988	2.06499	2.06499	0.0749966	2.18492	2.18492	4.92932	11.481	1.81154	1
cg05723527	DUOX2;DUOXA2	0.0243286	0.646601	0.896614	-1.11531	0.00114493	0.322941	-3.09654	0.987168	1.00381	1.00381	0.275624	0.764829	-1.30748	0.0136776	0.486337	-2.05619	0.0386957	0.567799	-1.76119	0.167318	0.706121	-1.41619	0.0761314	0.627182	-1.59443	0.0497928	0.589214	-1.69718	4.39862	3.89299	0.78671	1
cg12374123	DUOX2;DUOXA2;DUOX2	6.10E-07	0.0127232	0.687186	-1.45521	1.15E-07	7.82118	7.82118	8.90E-06	3.21271	3.21271	0.46855	0.914511	-1.09348	0.07089	0.783071	-1.27702	?	?	?	0.412413	0.903436	-1.10689	1.63E-07	7.15554	7.15554	0.0482282	1.31462	1.31462	85.4276	17.6592	0.206716	1
cg17715521	DUOXA1	0.0161551	0.242413	0.56862	-1.75864	0.661738	1.22526	1.22526	0.040977	0.336756	-2.96951	0.0893633	0.421323	-2.37348	0.00531505	0.183618	-5.4461	0.902321	0.944918	-1.05829	0.0567434	0.369683	-2.70502	0.00102285	0.105756	-9.45576	0.888895	0.937534	-1.06663	5.05474	17.0467	2.9977	1
cg04325221	DUOXA1;DUOXA2	0.0225348	0.444109	1.82946	1.82946	0.00933545	12.8411	12.8411	0.288147	2.34844	2.34844	0.184331	2.97486	2.97486	0.97772	0.978612	-1.02186	0.276519	2.40194	2.40194	0.00108367	41.8703	41.8703	0.0281499	7.44208	7.44208	0.046064	5.86962	5.86962	4.51652	42.8746	8.43807	1
cg00877887	DUOXA2;DUOX2;DUOXA2	0.0013322	0.183853	0.762419	-1.31162	0.059039	0.663543	-1.50706	0.0292854	0.610152	-1.63894	0.375884	0.839588	-1.19106	0.002935	0.455644	-2.1947	0.724418	1.07048	1.07048	0.0441687	0.64093	-1.56023	0.00218058	2.2868	2.2868	0.000564637	2.79593	2.79593	10.8428	6.35675	0.521124	1
cg10770832	DUPD1	0.00723943	0.00445384	3.93647	3.93647	0.445264	1.32452	1.32452	0.104366	1.8988	1.8988	0.0303461	2.50786	2.50786	0.352031	1.41328	1.41328	0.328879	1.43903	1.43903	0.00102692	5.79697	5.79697	0.00240261	4.60613	4.60613	0.00687676	3.53928	3.53928	6.54603	13.5245	1.83649	1
cg01354426	DUPD1	0.0094641	0.0261323	0.640141	-1.56216	0.124456	0.754911	-1.32466	0.00991024	0.576556	-1.73444	0.00211321	0.481658	-2.07616	0.920324	1.01705	1.01705	0.411684	0.867728	-1.15244	0.0396261	1.49509	1.49509	0.66784	1.07569	1.07569	0.0133508	0.595688	-1.67873	6.01544	2.72174	0.402186	1
cg09896298	DUPD1	0.0220018	0.0459428	0.712839	-1.40284	0.259182	1.19027	1.19027	0.312129	1.16733	1.16733	0.398442	1.13647	1.13647	0.00124782	0.497711	-2.0092	0.390922	1.13892	1.13892	0.377052	0.874481	-1.14354	0.0607059	0.73133	-1.36737	0.899541	0.981485	-1.01886	4.55381	1.57914	0.308243	1
cg14462779	DUPD1	0.0321083	0.0254471	6.04257	6.04257	0.0350919	5.27453	5.27453	0.371469	1.86182	1.86182	0.180736	2.61856	2.61856	0.0335655	5.3744	5.3744	0.0522519	4.4609	4.4609	0.00251204	17.1604	17.1604	0.0264801	5.94137	5.94137	0.262559	2.20607	2.20607	3.98905	28.9844	6.45867	1
cg09622269	DUPD1	0.0338698	0.0487103	2.44068	2.44068	0.116588	1.96559	1.96559	0.154015	1.83097	1.83097	0.351524	1.4623	1.4623	0.0334062	2.67832	2.67832	0.856386	0.930717	-1.07444	0.00186991	5.74635	5.74635	0.020317	3.0305	3.0305	0.286818	1.55017	1.55017	3.91325	9.73567	2.21144	1
cg16863829	DUPD1	0.0490559	0.0323415	0.510448	-1.95906	0.750056	0.917808	-1.08955	0.00583827	0.379619	-2.63422	0.433896	0.807121	-1.23897	0.135089	0.649027	-1.54077	0.982513	0.994136	-1.0059	0.0385361	0.525611	-1.90255	0.513161	1.19478	1.19478	0.0270979	0.495536	-2.01802	3.41274	3.89233	1.0138	1
cg07343027	DUS1L	0.000186579	3.35E-05	0.120667	-8.28729	0.671338	0.893869	-1.11873	0.334815	1.29884	1.29884	0.13177	0.652034	-1.53366	9.73E-06	0.0819549	-12.2018	0.467813	1.21434	1.21434	0.0156081	0.458691	-2.18012	0.300364	0.754187	-1.32593	0.0394045	0.5345	-1.87091	18.7202	20.4883	0.972841	1
cg19576556	DUS1L	0.000270738	9.60E-06	0.173618	-5.75978	0.925939	1.01722	1.01722	0.00263924	0.465675	-2.14742	0.0543575	1.49326	1.49326	0.00190855	0.445971	-2.2423	0.377603	0.846815	-1.18089	0.00702385	0.527235	-1.89669	0.885408	1.02684	1.02684	0.00368716	0.486344	-2.05616	16.9182	9.03811	0.474867	1
cg06191348	DUS1L	0.00160369	0.000608568	0.300744	-3.32508	0.0489657	0.599709	-1.66748	0.0998725	0.66357	-1.507	0.0447434	1.68885	1.68885	0.00219189	0.376446	-2.65642	0.0170179	0.515918	-1.93829	0.00697991	0.452181	-2.2115	0.2339	0.752887	-1.32822	0.000536228	0.293712	-3.40469	10.2796	8.4223	0.728286	1
cg19917300	DUS1L	0.00468584	0.0054973	0.541345	-1.84725	0.00058224	0.408915	-2.4455	0.0611636	0.701359	-1.4258	0.40936	1.15242	1.15242	0.0662416	0.707235	-1.41396	0.00539203	0.540152	-1.85133	0.568496	0.90764	-1.10176	0.00278497	0.49998	-2.00008	0.513976	0.894689	-1.11771	7.48514	3.35115	0.397961	1
cg10000250	DUS1L	0.00477603	0.00600986	0.483854	-2.06674	0.00520483	0.474416	-2.10785	0.0705742	0.66454	-1.5048	0.277139	0.795666	-1.25681	0.0414134	0.621476	-1.60907	0.0120357	0.530817	-1.88389	0.0057792	2.07781	2.07781	0.690077	1.08443	1.08443	0.162793	1.35163	1.35163	7.44185	4.82018	0.575745	1
cg20651080	DUS1L	0.0471199	0.0933083	0.547029	-1.82806	0.034605	2.23701	2.23701	0.185385	0.63195	-1.5824	0.596007	1.19107	1.19107	0.139326	0.594568	-1.68189	0.209661	0.649158	-1.54046	0.486329	1.26006	1.26006	0.147279	1.66229	1.66229	0.0181907	0.391785	-2.55242	3.46509	5.86075	1.50344	1
cg06575692	DUS2L	0.00267515	4.40E-05	0.0969913	-10.3102	0.650409	1.14732	1.14732	0.596437	0.85131	-1.17466	0.0970224	0.577727	-1.73092	0.0256208	0.449914	-2.22264	0.105589	0.587101	-1.70328	0.636508	1.15419	1.15419	0.976306	0.991094	-1.00899	0.0177675	0.419694	-2.38269	8.85354	12.7231	1.27739	1
cg01936488	DUS2L	0.0199831	0.0943426	0.391642	-2.55335	0.0556029	0.330997	-3.02118	0.0448374	0.309202	-3.23413	0.338285	0.604626	-1.65391	0.0114273	0.199197	-5.02016	0.0199848	0.239016	-4.18382	0.00170389	0.101888	-9.81473	0.86783	1.0886	1.0886	0.0417236	0.302237	-3.30867	4.70592	19.3647	3.65774	1
cg03079559	DUS2L;DDX28	0.0425961	0.0799555	0.458373	-2.18163	0.276907	0.635048	-1.57468	0.386479	1.42824	1.42824	0.11508	0.502613	-1.9896	0.00476577	0.222099	-4.50249	0.668765	1.18864	1.18864	0.527702	0.773442	-1.29292	0.927269	0.964006	-1.03734	0.0394048	2.60331	2.60331	3.59845	9.18763	2.26953	1
cg04528069	DUS2L;DDX28;DDX28	0.000885081	0.0128162	0.251376	-3.97811	0.220089	0.570904	-1.75161	0.00135441	0.118214	-8.45923	8.27E-05	0.0340099	-29.4032	0.0195237	0.28506	-3.50803	0.0517686	0.377385	-2.64982	0.0343198	2.97836	2.97836	0.100229	2.19902	2.19902	0.0598662	2.54325	2.54325	14.8893	42.9601	2.24412	1
cg00805320	DUS2L;DUS2L;DDX28;DDX28	0.00332583	0.159945	0.842806	-1.18651	0.0423273	1.3052	1.3052	0.356463	1.11408	1.11408	0.0927463	1.23453	1.23453	0.670936	0.952488	-1.04988	0.0739263	0.797023	-1.25467	9.90E-05	0.455135	-2.19715	0.504254	1.08025	1.08025	0.851804	1.02153	1.02153	8.29945	1.70529	0.182641	1
cg21348691	DUS2L;DUS2L;DDX28;DDX28	0.00706073	?	?	?	0.0265892	4.36495	4.36495	0.060213	3.20792	3.20792	0.710417	1.21706	1.21706	?	?	?	0.991716	0.994556	-1.00547	0.0016267	0.0648211	-15.4271	0.78028	1.15857	1.15857	0.00796547	0.139684	-7.159	9.45592	30.6758	2.78064	1
cg19406914	DUS3L;DUS3L	0.000239451	8.31E-05	0.186974	-5.34833	0.862992	0.959943	-1.04173	0.000124483	0.205364	-4.86941	0.956846	0.987274	-1.01289	4.13E-05	0.157269	-6.35852	0.972484	0.99187	-1.0082	0.559954	1.14971	1.14971	0.901884	0.97123	-1.02962	0.0105844	0.46721	-2.14036	17.4942	15.5214	0.788652	1
cg01098431	DUS3L;DUS3L	0.000285765	0.00927988	0.51857	-1.92838	0.000293143	0.309148	-3.23469	0.335694	1.21833	1.21833	0.238178	1.27862	1.27862	5.78E-05	0.226896	-4.4073	0.463229	1.16013	1.16013	0.10048	0.699117	-1.43038	9.57E-05	0.251232	-3.98039	0.0610792	0.657122	-1.52179	16.6703	10.4481	0.557106	1
cg26776401	DUS3L;DUS3L	0.00130271	0.884232	1.02138	1.02138	0.000103041	0.368694	-2.71228	0.818873	0.967242	-1.03387	0.312911	1.16366	1.16366	0.280436	0.849665	-1.17693	0.804185	1.03673	1.03673	0.00305675	1.80228	1.80228	0.00185238	0.526436	-1.89957	0.845563	1.02872	1.02872	10.9126	3.64408	0.296831	1
cg23697318	DUS3L;DUS3L	0.00138629	0.00437344	0.457694	-2.18487	0.00023828	0.286664	-3.4884	0.000380656	0.31187	-3.20646	0.184819	1.33479	1.33479	0.787815	0.946116	-1.05695	0.892177	1.02824	1.02824	0.00371806	0.447236	-2.23596	0.0648837	0.653336	-1.53061	0.551527	0.883649	-1.13167	10.7198	7.15743	0.593498	1
cg09289463	DUS3L;DUS3L	0.0159255	0.686716	0.910793	-1.09794	0.00842525	0.460518	-2.17147	0.836213	1.04886	1.04886	0.586196	1.13505	1.13505	0.000617694	0.296829	-3.36894	0.370614	1.236	1.236	0.602605	1.12869	1.12869	0.344246	0.798897	-1.25173	0.240124	0.753182	-1.3277	5.07886	4.27212	0.747694	1
cg01100678	DUS3L;DUS3L	0.0247855	0.653487	1.08352	1.08352	0.573709	1.10618	1.10618	0.0928554	1.38852	1.38852	0.71278	1.06784	1.06784	0.225933	1.25323	1.25323	0.245878	0.806186	-1.24041	0.00215161	0.465379	-2.14879	0.0477584	0.669104	-1.49454	0.0751382	0.703435	-1.4216	4.3703	2.18113	0.443626	1
cg22961623	DUS3L;DUS3L	0.0338224	0.276218	0.835208	-1.19731	0.0742842	0.728913	-1.3719	0.0335082	0.673747	-1.48424	0.65794	1.07341	1.07341	0.125309	0.768148	-1.30183	0.00161914	0.487525	-2.05118	0.28859	1.19143	1.19143	0.236959	0.821195	-1.21774	0.440244	0.882375	-1.13331	3.91522	1.56742	0.355858	1
cg24811190	DUS3L;DUS3L;DUS3L;DUS3L	0.040207	0.241101	1.1715	1.1715	0.356968	1.12998	1.12998	0.991396	0.99861	-1.00139	0.474641	0.910479	-1.09832	0.379023	0.89011	-1.12346	0.207078	1.18723	1.18723	0.0228944	0.703898	-1.42066	0.00607843	0.629986	-1.58734	0.131391	1.23378	1.23378	3.67614	0.968679	0.234226	1
cg04525476	DUSP1	0.00511673	0.00486431	0.65121	-1.5356	0.0416804	1.30966	1.30966	0.0373512	1.31995	1.31995	0.00412989	0.642839	-1.5556	0.0546217	0.778432	-1.28463	0.197992	0.85529	-1.16919	0.170457	1.1826	1.1826	0.123727	1.21111	1.21111	0.0747929	1.25609	1.25609	7.28704	1.52332	0.185817	1
cg23002268	DUSP1	0.00612362	0.00544901	0.0957844	-10.4401	0.0547452	0.247131	-4.04644	0.103178	3.13823	3.13823	0.827567	0.869395	-1.15022	0.00139583	0.0512732	-19.5034	0.867324	0.898282	-1.11324	0.0132264	7.17236	7.17236	0.367261	0.551993	-1.81162	0.282167	2.04833	2.04833	6.89558	44.9531	5.79476	1
cg10672508	DUSP1	0.00744375	0.225211	1.72026	1.72026	0.00122696	0.133494	-7.49095	0.00935358	4.07012	4.07012	0.800809	1.11368	1.11368	0.656767	1.20983	1.20983	0.279401	0.619446	-1.61435	0.293349	1.5908	1.5908	0.00677636	0.224351	-4.45729	0.711444	0.853643	-1.17145	6.48929	18.6414	2.55346	1
cg25108022	DUSP1	0.0087459	0.300261	0.74109	-1.34936	0.0590351	0.551516	-1.81319	0.0017867	3.45863	3.45863	0.133508	0.636506	-1.57108	0.0271765	0.481996	-2.07471	0.544266	1.18687	1.18687	0.0078424	2.59196	2.59196	0.867843	0.954577	-1.04758	0.928384	0.975219	-1.02541	6.16812	7.61161	1.09691	1
cg02352687	DUSP1	0.0220323	0.0458451	0.656821	-1.52248	0.0195964	0.595762	-1.67852	0.0290432	1.60403	1.60403	0.0736336	1.4423	1.4423	0.409522	0.856505	-1.16754	0.928172	0.983579	-1.0167	0.287689	0.816507	-1.22473	0.413422	1.16597	1.16597	0.0179115	1.69617	1.69617	4.55165	2.43112	0.474771	1
cg22473727	DUSP1	0.0249446	0.168353	0.400691	-2.49569	0.0565276	0.260534	-3.83827	0.244058	0.467986	-2.13682	0.0590146	0.264913	-3.77482	0.00507882	0.0994947	-10.0508	0.510386	0.659694	-1.51585	0.0231977	5.42386	5.42386	0.0494012	0.247298	-4.04371	0.15485	0.387284	-2.58208	4.3606	26.8072	5.46452	1
cg07018389	DUSP1	0.0312543	0.201675	0.462693	-2.16126	0.91238	0.939019	-1.06494	0.290137	1.87305	1.87305	0.873472	0.912927	-1.09538	0.00934975	0.151958	-6.58075	0.557933	0.712687	-1.40314	0.00164942	0.0761511	-13.1318	0.265963	0.515514	-1.93981	0.171726	0.435326	-2.29713	4.02767	20.8431	4.59999	1
cg21121138	DUSP1	0.0351155	0.118388	0.139883	-7.14885	0.0629979	0.0883381	-11.3201	0.375736	0.348293	-2.87114	0.0872433	0.111835	-8.94172	0.0038301	0.0108572	-92.1045	0.391659	0.361226	-2.76835	0.0315506	18.64	18.64	0.308886	0.294683	-3.39348	0.762167	0.703169	-1.42213	3.86252	82.3463	18.9505	1
cg15890707	DUSP1	0.0371756	0.57284	1.18468	1.18468	0.041948	2.00816	2.00816	0.0526651	1.92552	1.92552	0.270577	0.710923	-1.40662	0.00778051	0.361891	-2.76326	0.71257	0.895781	-1.11634	0.125676	0.610849	-1.63707	0.234419	0.690231	-1.44879	0.233197	0.689497	-1.45033	3.78333	5.30092	1.24545	1
cg17378966	DUSP1	0.0372879	0.0496448	0.231027	-4.3285	0.246523	2.20971	2.20971	0.229364	2.28242	2.28242	0.924239	1.06421	1.06421	0.0548165	0.240518	-4.15769	0.289886	0.487384	-2.05177	0.00671294	0.100249	-9.97517	0.0310274	0.190815	-5.24069	0.18713	0.400605	-2.49622	3.77916	25.6211	6.02629	1
cg14450231	DUSP1	0.0385479	0.209694	0.575194	-1.73854	0.0733805	0.433807	-2.30517	0.369278	1.47068	1.47068	0.456528	0.728176	-1.37329	0.24991	0.604719	-1.65366	0.626118	0.81433	-1.228	0.00198571	6.2155	6.2155	0.535612	0.76919	-1.30007	0.723939	1.15992	1.15992	3.73352	10.3473	2.46352	1
cg18121420	DUSP1	0.0420441	0.336357	1.20506	1.20506	0.765469	0.945263	-1.05791	0.00382395	2.08288	2.08288	0.653073	1.08887	1.08887	0.514356	1.1325	1.1325	0.0681319	1.46869	1.46869	0.157982	1.32849	1.32849	0.0644461	0.676455	-1.47829	0.210961	0.780355	-1.28147	3.61592	2.02768	0.498458	1
cg19537645	DUSP1	0.0464771	0.0641603	0.211813	-4.72115	?	?	?	0.150673	3.15599	3.15599	0.41144	0.534378	-1.87134	0.203732	0.367544	-2.72076	0.806778	1.20062	1.20062	0.00432881	17.2087	17.2087	0.736609	0.777339	-1.28644	0.761588	1.25489	1.25489	3.53556	27.7101	7.83754	1
cg23162310	DUSP1	0.0484426	0.219315	0.575538	-1.73751	0.0142203	0.274325	-3.64531	0.311841	1.56433	1.56433	0.7436	0.869037	-1.1507	0.205495	0.564832	-1.77044	0.583005	0.788897	-1.26759	0.00941016	4.0872	4.0872	0.449124	0.719023	-1.39078	0.385562	1.46292	1.46292	3.42904	9.93306	2.57488	1
cg01064108	DUSP10;DUSP10	0.0194274	0.152895	0.884486	-1.1306	0.155542	1.12959	1.12959	0.245363	0.907165	-1.10234	0.00470323	0.739921	-1.3515	0.825798	0.98248	-1.01783	0.017689	0.793467	-1.26029	0.186092	1.11897	1.11897	0.388636	0.931606	-1.07342	0.0329124	1.22148	1.22148	4.75116	0.48381	0.0905154	1
cg19863057	DUSP10;DUSP10	0.0453897	0.582892	1.09627	1.09627	0.0293994	1.52982	1.52982	0.187767	1.26028	1.26028	0.176789	0.788248	-1.26864	0.0164564	0.615237	-1.62539	0.787282	1.04584	1.04584	0.184114	0.791761	-1.26301	0.14684	1.29439	1.29439	0.108453	1.33668	1.33668	3.51416	1.52856	0.386642	1
cg13442201	DUSP10;DUSP10;DUSP10	0.0172675	0.222857	0.542062	-1.84481	0.0158178	0.243326	-4.10971	0.013518	0.2319	-4.31221	0.0753712	0.388105	-2.57662	0.0758616	0.388857	-2.57164	0.0271341	0.286377	-3.4919	0.00238842	0.132153	-7.56699	0.219791	1.85312	1.85312	0.156624	0.484633	-2.06342	4.94358	17.8953	3.2177	1
cg19318653	DUSP10;DUSP10;DUSP10	0.0272869	0.143055	1.43108	1.43108	0.00628747	0.4446	-2.24921	0.00304916	0.396842	-2.51989	0.546411	0.870226	-1.14913	0.349802	0.803185	-1.24504	0.189276	0.728566	-1.37256	0.129157	0.688388	-1.45267	0.660154	1.10602	1.10602	0.197743	0.733421	-1.36347	4.22596	3.47093	0.730077	1
cg19879330	DUSP11	0.000311033	0.0149884	0.698806	-1.43101	0.00123654	0.567859	-1.761	0.532024	0.926954	-1.0788	0.437894	1.09946	1.09946	8.18E-06	0.311244	-3.21292	0.238117	0.862365	-1.1596	0.055595	1.29685	1.29685	0.636651	0.944575	-1.05868	0.00498746	0.64061	-1.56101	16.2882	3.70436	0.202156	1
cg23283216	DUSP11	0.00195011	0.129757	0.745419	-1.34153	0.000144287	0.308721	-3.23917	0.00464545	0.508725	-1.9657	0.0937522	0.718322	-1.39213	0.389358	0.853552	-1.17158	0.0183871	0.598396	-1.67114	0.0152287	1.70751	1.70751	0.908917	0.979666	-1.02076	0.00935366	0.553416	-1.80696	9.71309	4.95713	0.453649	1
cg11251086	DUSP11	0.00685117	0.254523	1.21712	1.21712	0.403284	0.868275	-1.15171	0.182964	1.26285	1.26285	0.562306	1.10158	1.10158	0.290179	1.19877	1.19877	0.638788	1.08121	1.08121	0.000259748	0.370746	-2.69726	0.0648486	0.710043	-1.40837	0.0580084	1.42458	1.42458	6.65956	2.87664	0.383961	1
cg18917495	DUSP11	0.0110653	0.0104876	0.623385	-1.60414	0.00930566	0.616279	-1.62264	0.761847	1.0456	1.0456	0.235411	1.20015	1.20015	0.133128	1.26835	1.26835	0.0553254	1.37534	1.37534	0.0280827	0.683458	-1.46315	0.462914	1.11586	1.11586	0.0198939	0.662074	-1.51041	5.72159	1.9506	0.303039	1
cg14874678	DUSP11	0.0419036	0.112848	0.810063	-1.23447	0.144762	0.825992	-1.21066	0.00239648	0.596677	-1.67595	0.328158	1.1311	1.1311	0.825933	0.973475	-1.02725	0.462993	1.09547	1.09547	0.0396122	0.747925	-1.33703	0.565668	1.07345	1.07345	0.961227	0.994084	-1.00595	3.62041	0.854197	0.209724	1
cg24510983	DUSP12	0.00298476	0.00254654	0.15268	-6.54966	0.87828	0.93352	-1.07121	0.29117	0.611603	-1.63505	0.00308064	0.162276	-6.16236	0.000762789	0.101344	-9.86742	0.0130272	0.250865	-3.98621	0.00307872	0.162243	-6.16358	0.874318	1.07364	1.07364	0.00532103	0.192365	-5.19846	8.5711	27.3511	2.83652	1
cg06409308	DUSP12	0.0226644	0.00191436	0.576539	-1.73449	0.540502	0.925287	-1.08075	0.0313444	1.3723	1.3723	0.724822	0.956674	-1.04529	0.694524	1.05071	1.05071	0.0969593	1.25647	1.25647	0.17082	1.20053	1.20053	0.276563	1.15238	1.15238	0.200248	1.18478	1.18478	4.50762	1.12118	0.221094	1
cg09825346	DUSP12	0.0383769	0.615159	0.856313	-1.1678	0.0283617	0.452964	-2.20768	0.196699	0.658554	-1.51848	0.0313199	2.16622	2.16622	0.058071	0.519166	-1.92617	0.381903	1.31578	1.31578	0.829181	0.936018	-1.06836	0.0241694	2.27643	2.27643	0.449759	1.26578	1.26578	3.7396	5.54651	1.31838	1
cg23262811	DUSP13;DUSP13;DUSP13	8.43E-05	0.00404559	0.561724	-1.78023	0.51063	1.10483	1.10483	0.000193414	0.391634	-2.5534	0.00333452	0.55051	-1.8165	8.71E-06	0.236215	-4.23343	0.015695	0.642477	-1.55648	3.23E-05	0.298914	-3.34544	0.878454	1.02313	1.02313	0.00149163	0.504453	-1.98234	23.1721	8.19182	0.31424	1
cg09015968	DUSP13;DUSP13;DUSP13	0.00028423	0.0358912	0.770571	-1.29774	0.10429	1.20876	1.20876	0.889959	0.985329	-1.01489	0.483225	0.926744	-1.07905	4.43E-05	0.437698	-2.28468	4.24E-05	0.435557	-2.29591	0.555007	0.938243	-1.06582	0.143616	1.18267	1.18267	0.00296761	0.647031	-1.54552	16.6949	3.01406	0.160478	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10110933	DUSP13;DUSP13;DUSP13	0.00114826	0.902694	1.01879	1.01879	0.0213389	1.52348	1.52348	0.000464235	0.432574	-2.31174	0.00362487	1.82047	1.82047	0.161604	0.796547	-1.25542	0.00120606	0.485998	-2.05762	0.966362	0.993603	-1.00644	0.0457482	1.41698	1.41698	0.0784405	0.742685	-1.34647	11.3131	4.14948	0.326032	1
cg10522115	DUSP13;DUSP13;DUSP13;DUSP13	8.01E-05	0.000177052	0.393641	-2.54039	0.413715	0.884644	-1.1304	0.0776123	0.749976	-1.33338	0.847754	1.02859	1.02859	1.20E-05	0.257337	-3.88596	0.846348	0.971943	-1.02887	9.11E-06	0.244546	-4.0892	0.00398816	0.566825	-1.76421	0.0219347	0.668144	-1.49668	23.4905	8.00493	0.30291	1
cg04369919	DUSP13;DUSP13;DUSP13;DUSP13	0.000694464	0.000149697	0.132357	-7.55534	0.572117	0.837559	-1.19395	0.00103823	0.221315	-4.51846	0.716157	1.12006	1.12006	9.21E-05	0.1144	-8.74128	0.0547354	0.508358	-1.96712	0.0516488	0.5027	-1.98926	0.00376762	0.296994	-3.36707	0.0188299	0.413307	-2.41951	13.0399	19.9127	1.35738	1
cg24634577	DUSP13;DUSP13;DUSP13;DUSP13	0.00138664	0.0260154	0.535138	-1.86868	0.383094	0.80923	-1.23574	0.018887	0.510198	-1.96002	0.0200451	0.514765	-1.94264	2.33E-05	0.135172	-7.398	0.145444	0.690769	-1.44766	0.00450582	0.408212	-2.44971	0.84556	0.954897	-1.04723	0.0350158	0.559154	-1.78841	10.719	9.508	0.788466	1
cg19591573	DUSP13;DUSP13;DUSP13;DUSP13	0.00305433	0.0241913	0.634379	-1.57635	0.000125347	0.322565	-3.10015	0.552384	1.10716	1.10716	0.00486821	0.531458	-1.88162	0.306073	0.835728	-1.19656	0.0108692	0.581856	-1.71864	0.0234067	0.632157	-1.58188	0.14746	0.76858	-1.3011	0.0114543	0.585219	-1.70876	8.51264	3.86623	0.403712	1
cg16221975	DUSP13;DUSP13;DUSP13;DUSP13	0.00797778	0.0773159	0.877931	-1.13904	0.560386	1.0398	1.0398	0.550507	0.960749	-1.04085	0.706868	1.02536	1.02536	0.121035	1.1179	1.1179	0.397504	1.05911	1.05911	0.00574302	0.786618	-1.27127	0.00164435	0.741717	-1.34822	0.0211351	1.20177	1.20177	6.3497	0.441956	0.061869	1
cg12256803	DUSP13;DUSP13;DUSP13;DUSP13	0.010855	0.197545	0.742209	-1.34733	0.0415794	0.597946	-1.67239	0.00368351	0.423507	-2.36124	0.861302	1.03902	1.03902	0.00101761	0.344221	-2.90511	0.264883	1.28959	1.28959	0.0804808	0.654205	-1.52857	0.0335593	0.580754	-1.7219	0.169851	0.726137	-1.37715	5.75707	4.36787	0.674397	1
cg19532742	DUSP13;DUSP13;DUSP13;DUSP13	0.0211921	0.100096	0.760252	-1.31535	0.835028	0.968772	-1.03223	0.00598198	0.578907	-1.72739	0.256342	0.835062	-1.19752	0.940503	1.01142	1.01142	0.977903	1.00422	1.00422	0.00334909	1.83557	1.83557	0.282814	0.843852	-1.18504	0.388269	1.14399	1.14399	4.61266	1.69082	0.325832	1
cg11612555	DUSP13;DUSP13;DUSP13;DUSP13	0.0248696	0.478469	0.770753	-1.29743	0.477874	0.770472	-1.29791	0.627442	0.838005	-1.19331	0.528635	0.793997	-1.25945	0.00105275	0.173562	-5.76163	0.380716	1.3839	1.3839	0.076115	2.04047	2.04047	0.532178	0.795611	-1.2569	0.0331277	0.406522	-2.45989	4.36516	9.02747	1.83829	1
cg04834572	DUSP13;DUSP13;DUSP13;DUSP13	0.0265826	0.25413	0.743252	-1.34544	0.0748174	1.63959	1.63959	0.527319	1.17302	1.17302	0.319021	1.29253	1.29253	0.0589131	0.587706	-1.70153	0.0360004	0.544563	-1.83633	0.00365824	0.375561	-2.66269	0.956585	1.01366	1.01366	0.112841	0.650486	-1.53731	4.26489	4.19374	0.874061	1
cg10963664	DUSP13;DUSP13;DUSP13;DUSP13;DUSP13	0.00279167	0.164835	0.742632	-1.34656	0.0543086	0.644996	-1.5504	0.000695527	0.353807	-2.8264	0.278025	0.797305	-1.25422	0.000163806	0.275043	-3.6358	0.322447	0.81445	-1.22782	0.167049	1.3442	1.3442	0.593303	0.897405	-1.11432	0.0255826	0.587059	-1.70341	8.74267	5.58342	0.56768	1
cg06208727	DUSP14	1.97E-05	0.0896994	0.730632	-1.36868	0.0716975	1.40124	1.40124	0.10056	0.739505	-1.35226	0.825741	1.03768	1.03768	0.901015	0.979341	-1.02109	0.671499	0.930937	-1.07419	1.85E-07	0.0685075	-14.5969	0.922491	0.983806	-1.01646	0.00150902	0.464448	-2.15309	34.0132	15.1611	0.396215	1
cg16260274	DUSP14	0.00041807	0.0113023	0.658242	-1.5192	0.11096	1.25722	1.25722	0.328317	1.14225	1.14225	2.05E-05	0.321787	-3.10765	0.00149285	0.546815	-1.82877	0.0775199	0.772096	-1.29518	0.11547	1.25303	1.25303	0.475442	1.10039	1.10039	0.0577902	1.32679	1.32679	15.016	4.13219	0.244609	1
cg22433574	DUSP14	0.00270915	0.237723	0.512784	-1.95014	0.290636	0.553108	-1.80796	0.131384	2.40977	2.40977	0.197574	0.479268	-2.08651	0.0672452	0.330386	-3.02676	0.000967798	0.0704818	-14.1881	0.000149544	0.0296768	-33.6964	0.363293	0.603785	-1.65622	0.271795	1.85475	1.85475	8.82057	40.7373	4.10528	1
cg16670864	DUSP14	0.00579646	0.0140964	0.570722	-1.75217	0.00836113	1.86586	1.86586	0.0105324	0.55117	-1.81432	0.141469	0.746271	-1.34	0.470379	0.872905	-1.1456	0.565971	0.898167	-1.11338	0.00497777	0.502512	-1.99	0.0316942	0.627398	-1.59388	0.00677533	0.522266	-1.91473	7.0134	3.80567	0.482337	1
cg04956254	DUSP14	0.00795052	0.02581	0.420035	-2.38076	0.00195249	0.238026	-4.20122	0.00300427	0.263566	-3.79412	0.815395	1.07966	1.07966	0.0116858	0.356087	-2.8083	0.0209661	0.402425	-2.48493	0.0241195	0.414225	-2.41415	0.761546	1.10488	1.10488	0.0251128	0.417678	-2.39419	6.35654	10.8119	1.51192	1
cg06191580	DUSP14	0.012098	0.432059	1.33761	1.33761	0.0123541	3.09565	3.09565	0.539652	0.798304	-1.25266	0.679847	1.16246	1.16246	0.035947	0.412635	-2.42345	0.00493535	0.259038	-3.86044	0.49446	0.777484	-1.2862	0.902882	1.04528	1.04528	0.00521948	0.26265	-3.80735	5.55879	11.5862	1.85271	1
cg18080269	DUSP14	0.0135847	0.0120191	0.680144	-1.47028	0.346388	1.12672	1.12672	0.906226	1.01461	1.01461	0.261026	0.865687	-1.15515	0.0053759	0.637002	-1.56985	0.692051	1.0502	1.0502	0.00118299	0.556985	-1.79538	0.86605	0.979442	-1.02099	0.480568	0.915554	-1.09223	5.35253	1.2834	0.213133	1
cg05497199	DUSP14	0.0171172	0.0113848	0.647003	-1.54559	0.721299	0.951959	-1.05047	0.213203	1.19743	1.19743	0.398011	0.88786	-1.1263	0.348673	0.875805	-1.14181	0.000797408	0.498519	-2.00594	0.536021	0.917471	-1.08995	0.0494301	0.734781	-1.36095	0.0753124	0.761718	-1.31282	4.95807	1.48348	0.26596	1
cg12882572	DUSP14	0.0214368	0.0331897	0.346465	-2.88629	0.0578375	0.401305	-2.49187	0.0267407	0.327125	-3.05694	0.172588	0.539021	-1.85522	0.0180905	0.294574	-3.39474	0.282551	0.621644	-1.60864	0.00180608	0.1512	-6.61377	0.113686	0.480593	-2.08076	0.0116641	0.26134	-3.82644	4.59458	13.1889	2.55159	1
cg15753916	DUSP14	0.0219537	0.152599	0.603221	-1.65777	0.512618	1.24494	1.24494	0.112755	0.565773	-1.76749	0.688016	0.87531	-1.14245	0.00345927	0.269919	-3.70481	0.0152616	0.374225	-2.67219	0.00692614	0.315698	-3.16758	0.690145	1.14135	1.14135	0.0596028	0.495891	-2.01657	4.55723	7.85641	1.53239	1
cg09234474	DUSP14	0.0262306	0.767399	1.0283	1.0283	0.000574576	0.60565	-1.65112	0.353608	0.914115	-1.09395	0.126928	1.16804	1.16804	0.633966	1.04617	1.04617	0.912301	1.01042	1.01042	0.733154	0.968315	-1.03272	0.312289	0.906337	-1.10334	0.296767	0.903225	-1.10714	4.28483	0.600753	0.124626	1
cg04347633	DUSP14	0.0263338	0.431273	1.09055	1.09055	0.185106	0.859274	-1.16377	0.0154954	1.37776	1.37776	0.325554	0.896238	-1.11578	0.170556	1.17058	1.17058	0.151562	0.847201	-1.18036	0.016718	0.72962	-1.37058	0.661266	1.04873	1.04873	0.025944	1.33016	1.33016	4.27895	0.78926	0.163957	1
cg22430734	DUSP14	0.046578	0.342327	1.10365	1.10365	0.0250267	1.30835	1.30835	0.982076	0.997738	-1.00227	0.238019	1.13269	1.13269	0.208855	0.874988	-1.14287	0.412495	0.919005	-1.08813	0.0162895	0.743695	-1.34464	0.375042	1.09612	1.09612	0.042228	1.26603	1.26603	3.48021	0.560111	0.143059	1
cg06716730	DUSP14	0.0469668	0.200822	0.534486	-1.87096	0.331677	1.59101	1.59101	0.679191	0.824627	-1.21267	0.296041	0.60508	-1.65267	0.049881	0.354518	-2.82073	0.240881	0.565938	-1.76698	0.00238442	0.140393	-7.12286	0.072657	0.395129	-2.53082	0.0741851	0.397516	-2.51562	3.46934	11.8125	3.0265	1
cg05199362	DUSP15;DUSP15;DUSP15	0.000345969	0.000496973	2.87759	2.87759	0.00382353	2.1304	2.1304	0.00157163	2.41259	2.41259	0.0896708	1.43745	1.43745	0.00379788	2.13233	2.13233	0.00402598	2.11564	2.11564	3.20E-05	4.80711	4.80711	0.00149312	2.43064	2.43064	0.000387148	2.9976	2.9976	15.8195	9.42453	0.529559	1
cg16714273	DUSP15;DUSP15;DUSP15	0.00651448	0.00598841	0.172085	-5.81109	0.00575576	0.169844	-5.88774	0.00457906	0.15736	-6.35484	0.113306	0.429909	-2.32607	0.0175021	0.242519	-4.12338	0.00514997	0.16368	-6.10948	0.00155961	0.107819	-9.27484	0.271438	0.570721	-1.75217	0.0330771	0.295016	-3.38964	6.7647	25.7111	3.37847	1
cg12534328	DUSP15;DUSP15;DUSP15	0.0102311	0.503711	1.13971	1.13971	0.514273	1.13594	1.13594	0.946034	1.01313	1.01313	0.230071	1.27466	1.27466	0.60792	0.905081	-1.10487	0.000271755	3.15881	3.15881	0.0495926	0.649384	-1.53992	0.186342	0.763378	-1.30997	0.346168	1.20559	1.20559	5.86754	3.45163	0.522896	1
cg12676534	DUSP15;DUSP15;DUSP15	0.0232688	0.0214842	4.325	4.325	0.0119809	5.26946	5.26946	0.0281244	3.95424	3.95424	0.0891362	2.70181	2.70181	0.0451078	3.3833	3.3833	0.125092	2.4113	2.4113	0.00639928	6.55891	6.55891	0.0100757	5.59336	5.59336	0.035849	3.64935	3.64935	4.46692	19.885	3.957	1
cg07585928	DUSP15;TTLL9;DUSP15;DUSP15	0.0237137	0.63516	0.922527	-1.08398	0.523095	0.896562	-1.11537	0.00915718	0.572127	-1.74786	0.191494	1.26276	1.26276	0.377897	1.1649	1.1649	0.77033	1.05063	1.05063	0.0102997	1.72533	1.72533	0.0148358	0.603105	-1.65809	0.716135	0.940249	-1.06355	4.43779	2.0005	0.400699	1
cg27225570	DUSP15;TTLL9;DUSP15;DUSP15;DUSP15	0.00912247	0.862446	0.949422	-1.05327	0.305409	0.727879	-1.37385	0.591918	0.850483	-1.1758	0.320346	0.735419	-1.35977	0.142184	1.60358	1.60358	0.00286352	0.29288	-3.41436	0.0493651	1.95678	1.95678	0.00110755	0.237245	-4.21505	0.577886	0.845148	-1.18322	6.0862	8.63407	1.261	1
cg22916586	DUSP16	0.00963581	0.0312879	0.418514	-2.38941	0.98371	1.00706	1.00706	0.0541738	0.470769	-2.12418	0.642069	1.17513	1.17513	0.135071	0.573851	-1.74261	0.62789	0.845025	-1.1834	0.000916211	0.181198	-5.51884	0.0100855	3.06267	3.06267	0.595955	0.83153	-1.2026	5.98107	11.2589	1.67327	1
cg22323125	DUSP16	0.0211072	0.0878272	0.8301	-1.20467	0.153493	1.16306	1.16306	0.00617817	1.42329	1.42329	0.877926	1.01531	1.01531	0.121431	1.18053	1.18053	0.146601	0.857275	-1.16649	0.332132	1.10394	1.10394	0.00459124	1.45195	1.45195	0.537776	1.06361	1.06361	4.61899	0.714618	0.137523	1
cg23659957	DUSP16	0.0307595	0.0187785	0.262076	-3.81568	0.529523	0.741135	-1.34928	0.82393	0.900499	-1.1105	0.57841	0.767958	-1.30215	0.230164	0.55316	-1.8078	0.388151	0.659686	-1.51587	0.000821462	0.0933992	-10.7067	0.790187	0.882126	-1.13362	0.0523149	0.354167	-2.82353	4.05065	14.191	3.11412	1
cg10539173	DUSP16	0.043752	0.507806	0.844246	-1.18449	0.187881	1.42144	1.42144	0.199758	1.40688	1.40688	0.203816	0.713212	-1.40211	0.609681	0.878312	-1.13855	0.670534	1.11387	1.11387	0.00174664	0.324823	-3.0786	0.745028	1.08571	1.08571	0.189451	0.704495	-1.41946	3.56277	3.58327	0.894003	1
cg02761715	DUSP16	0.0453244	0.840927	0.969924	-1.03101	0.0654609	1.36915	1.36915	0.829652	1.03328	1.03328	0.761117	0.954722	-1.04742	0.110662	1.30231	1.30231	0.575711	1.08972	1.08972	0.00340345	1.83113	1.83113	0.0599831	0.72437	-1.38051	0.618973	0.926647	-1.07916	3.51605	1.28587	0.32508	1
cg09653692	DUSP18	8.46E-05	0.785477	1.02239	1.02239	0.711457	0.970301	-1.03061	0.00147199	0.689039	-1.4513	0.00762285	1.32101	1.32101	8.51E-06	0.455554	-2.19513	0.445442	1.06515	1.06515	9.77E-05	1.75394	1.75394	0.263843	0.909817	-1.09912	0.644857	1.03838	1.03838	23.155	2.41466	0.0926954	1
cg11015117	DUSP18	0.0186873	0.328422	0.827911	-1.20786	0.479198	1.14416	1.14416	0.47732	1.14484	1.14484	0.115546	0.725941	-1.37752	0.00104649	0.403267	-2.47974	0.290409	0.814311	-1.22803	0.0104087	0.546641	-1.82935	0.0617094	0.674378	-1.48285	0.0810404	0.696177	-1.43642	4.81397	2.67226	0.493426	1
cg02274500	DUSP18	0.0324524	0.0330754	0.785094	-1.27373	0.843399	0.980979	-1.01939	0.0155014	0.749542	-1.33415	0.0181104	1.32139	1.32139	0.553196	0.943421	-1.05997	0.757736	0.970406	-1.0305	0.0176285	0.755525	-1.32358	0.772367	1.02856	1.02856	0.785805	1.0268	1.0268	3.97384	0.593329	0.132719	1
cg03560597	DUSP18	0.0380958	0.100108	0.582467	-1.71684	0.124209	0.607467	-1.64618	0.0769223	0.5535	-1.80669	0.095891	0.577624	-1.73123	0.00415835	0.303686	-3.29287	0.479181	1.23775	1.23775	0.0465068	0.502128	-1.99153	?	?	?	?	?	?	4.23378	4.46578	1.0548	1
cg24880886	DUSP18	0.0462386	0.00275785	0.463418	-2.15788	0.16502	1.31762	1.31762	0.974153	1.00605	1.00605	0.310756	1.2157	1.2157	0.957792	1.00991	1.00991	0.400069	1.17401	1.17401	0.131406	1.35433	1.35433	0.338537	0.832161	-1.20169	0.188623	1.29616	1.29616	3.4898	1.91697	0.488274	1
cg01274916	DUSP18	0.049739	0.0146656	1.94108	1.94108	0.179397	1.36999	1.36999	0.0524447	0.614574	-1.62714	0.525867	1.15244	1.15244	0.929675	0.980704	-1.01968	0.177498	1.37211	1.37211	0.0344296	1.72383	1.72383	0.352825	0.809741	-1.23496	0.235265	0.759883	-1.31599	3.39488	2.61988	0.68597	1
cg12662931	DUSP19;DUSP19	0.0105059	0.570847	0.817961	-1.22255	0.0707716	0.49249	-2.0305	0.00018994	0.110037	-9.08784	0.13023	1.7742	1.7742	0.939649	1.02692	1.02692	0.170959	0.599643	-1.66766	0.475986	0.775491	-1.28951	0.395575	0.736964	-1.35692	0.991841	1.00359	1.00359	5.81789	11.3392	1.73247	1
cg08126158	DUSP19;DUSP19	0.0159567	0.113054	0.643352	-1.55436	0.0295052	0.519181	-1.92611	0.00390002	0.37019	-2.70131	0.255495	0.738165	-1.35471	0.00586274	0.397589	-2.51516	0.0392372	1.8406	1.8406	0.214318	0.715808	-1.39702	0.485149	0.834099	-1.1989	0.105716	0.63639	-1.57136	5.07556	5.25741	0.920735	1
cg26744578	DUSP19;DUSP19	0.0289474	0.000697141	0.0726425	-13.766	0.261371	1.81089	1.81089	0.590267	0.759129	-1.3173	0.256032	0.548211	-1.82412	0.518332	1.39373	1.39373	0.420545	1.5177	1.5177	0.447783	0.675546	-1.48028	0.618235	0.775139	-1.29009	0.360952	1.60981	1.60981	4.13889	16.8482	3.61841	1
cg20443138	DUSP19;DUSP19;DUSP19;DUSP19	0.00590215	0.018519	0.588038	-1.70057	0.00336592	2.09915	2.09915	0.038755	1.56039	1.56039	0.00102615	2.47107	2.47107	0.324574	1.20819	1.20819	0.326945	0.828497	-1.207	0.626261	0.912798	-1.09553	0.755706	0.94363	-1.05974	0.730927	0.937839	-1.06628	6.97445	3.8177	0.486563	1
cg20721750	DUSP19;DUSP19;DUSP19;DUSP19	0.0110661	0.0544859	0.656388	-1.52349	0.062336	1.49909	1.49909	0.00104149	2.55177	2.55177	0.0163461	0.567546	-1.76197	0.847863	1.03776	1.03776	0.399767	0.84676	-1.18097	0.271928	0.801971	-1.24693	0.773253	0.945779	-1.05733	0.885132	1.02829	1.02829	5.72147	3.37425	0.524225	1
cg12484193	DUSP19;DUSP19;DUSP19;DUSP19	0.0428801	0.367397	0.857024	-1.16683	0.0129344	1.67216	1.67216	0.00886922	1.74198	1.74198	0.115296	0.751783	-1.33017	0.837549	1.0348	1.0348	0.146117	0.77106	-1.29692	0.84459	1.03324	1.03324	0.522903	0.897721	-1.11393	0.563811	1.10212	1.10212	3.58958	1.57858	0.390904	1
cg22229034	DUSP1;DUSP1	0.000296431	0.566627	0.933632	-1.07109	0.605865	0.940155	-1.06365	0.530486	1.07825	1.07825	0.000696472	0.541553	-1.84654	0.455133	0.913754	-1.09439	0.39586	1.10859	1.10859	7.27E-06	0.309403	-3.23203	0.0321924	1.34641	1.34641	0.473547	1.09027	1.09027	16.5041	3.67423	0.197889	1
cg04118190	DUSP2	0.0436802	0.703635	0.89361	-1.11906	0.0297253	2.12334	2.12334	0.0897259	1.73416	1.73416	0.903236	1.03644	1.03644	0.0140056	0.409438	-2.44237	0.0255293	2.18368	2.18368	0.148661	1.57759	1.57759	0.757874	1.09527	1.09527	0.923286	1.02875	1.02875	3.56495	4.89041	1.21938	1
cg22123924	DUSP21	1.54E-05	0.234954	1.38901	1.38901	0.00358148	2.83304	2.83304	0.000332592	0.216842	-4.61165	0.0073839	0.402052	-2.48724	7.62E-07	0.0297917	-33.5664	0.0938626	0.614913	-1.62625	1.99E-05	0.102253	-9.77967	0.708342	1.10428	1.10428	0.995652	0.998563	-1.00144	36.2687	40.0211	0.980853	1
cg05839786	DUSP21	3.30E-05	0.11873	0.803165	-1.24507	0.00952916	0.653755	-1.52962	2.02E-05	0.327682	-3.05174	0.0940134	1.26911	1.26911	3.04E-06	0.237487	-4.21077	0.00548765	1.60416	1.60416	0.0287682	1.39627	1.39627	0.0381035	0.732613	-1.36498	0.00439315	0.611229	-1.63605	29.6951	7.87906	0.23585	1
cg25551840	DUSP21	0.000484659	4.09E-05	0.130471	-7.66455	?	?	?	0.00325665	0.374043	-2.67349	0.0853893	1.56835	1.56835	0.0392447	1.76599	1.76599	0.00536501	2.44335	2.44335	0.0916448	0.644527	-1.55153	0.999721	1.00008	1.00008	0.0793907	0.630577	-1.58585	18.3439	13.7212	0.654499	1
cg13018252	DUSP21	0.000589523	0.25213	1.36581	1.36581	0.000156596	0.185238	-5.39845	0.783442	0.930723	-1.07443	0.837412	1.055	1.055	4.40E-05	0.132887	-7.52519	0.133699	1.52427	1.52427	0.127471	1.53647	1.53647	0.152471	0.670726	-1.49092	0.973585	0.991409	-1.00867	13.6508	14.6818	0.956025	1
cg04384873	DUSP21	0.00475236	0.642577	0.821944	-1.21663	0.0938428	2.16617	2.16617	0.0348771	0.356433	-2.80558	0.446186	0.721967	-1.38511	0.000227805	0.0765366	-13.0656	0.00207297	0.162158	-6.16681	0.644919	0.823096	-1.21493	0.629475	0.815495	-1.22625	0.562159	0.782019	-1.27874	7.45311	20.7771	2.47797	1
cg20784188	DUSP21;DUSP21	1.28E-05	0.639968	0.879947	-1.13643	6.51E-06	0.0654593	-15.2767	0.000359467	0.211411	-4.73012	0.874996	1.04367	1.04367	0.000215	0.186893	-5.35065	0.00543824	0.370489	-2.69913	1.20E-06	0.0331177	-30.1953	0.00034973	0.210058	-4.7606	3.17E-05	0.11073	-9.03098	38.0612	44.4284	1.03759	1
cg09795422	DUSP21;DUSP21	0.0161555	0.588638	0.881008	-1.13506	0.000974858	0.320352	-3.12157	0.140355	1.44491	1.44491	0.597517	0.883711	-1.13159	0.294252	0.776926	-1.28712	0.193795	1.37576	1.37576	0.0215381	1.89748	1.89748	0.468792	1.18651	1.18651	0.800469	1.06052	1.06052	5.0547	4.30981	0.757897	1
cg17467287	DUSP21;DUSP21	0.0350661	0.445731	1.29211	1.29211	0.00104274	0.201848	-4.95421	0.162658	1.63462	1.63462	0.852406	1.06333	1.06333	0.741688	0.896681	-1.11522	0.314272	1.40932	1.40932	0.491302	1.2592	1.2592	0.381063	0.743628	-1.34476	0.342621	0.72444	-1.38038	3.86449	6.65299	1.53029	1
cg05698911	DUSP22	0.00208872	0.218971	0.677946	-1.47504	0.000783533	0.217218	-4.60367	0.000429867	0.187303	-5.33894	0.90641	1.03599	1.03599	0.000565684	0.200651	-4.98378	0.949737	1.01913	1.01913	0.356273	0.751814	-1.33012	0.668256	1.13839	1.13839	0.0243224	0.446206	-2.24112	9.52063	13.6293	1.2725	1
cg13719228	DUSP22	0.00247055	0.0333728	0.474323	-2.10827	0.374028	1.31487	1.31487	0.00456873	0.322109	-3.10454	0.021041	0.434936	-2.29919	0.0112492	0.385729	-2.59249	0.508831	1.22269	1.22269	0.000135538	0.137804	-7.25667	0.581193	1.18192	1.18192	0.0392065	0.488803	-2.04581	9.06359	12.918	1.2669	1
cg20491765	DUSP22	0.0025152	0.0585111	0.472292	-2.11734	0.534505	0.801895	-1.24705	0.000748686	0.166103	-6.02036	0.660927	1.16756	1.16756	0.000324695	0.130058	-7.68886	0.222832	0.637899	-1.56765	0.615689	1.19438	1.19438	0.446014	0.761374	-1.31342	0.00126231	0.1917	-5.21649	9.01594	17.5885	1.73406	1
cg13873925	DUSP22	0.00380409	0.299891	0.763804	-1.30924	0.134759	0.667371	-1.49842	0.011474	0.452383	-2.21052	0.351924	1.27158	1.27158	0.000255438	0.220773	-4.52954	0.0157181	0.475937	-2.10112	0.0521253	1.74035	1.74035	0.557321	0.861698	-1.1605	0.0168232	0.481133	-2.07843	7.97209	7.94221	0.885558	1
cg09779827	DUSP22	0.0042595	0.00981293	0.553172	-1.80776	0.146329	0.753662	-1.32686	0.000444378	0.365895	-2.73303	0.603186	0.909266	-1.09979	0.000937867	0.408478	-2.44811	0.03658	0.643656	-1.55362	0.0386806	0.647723	-1.54387	0.0535442	0.671888	-1.48834	0.0067881	0.529264	-1.88942	7.70486	4.01417	0.463104	1
cg24325581	DUSP22	0.00540524	0.12473	0.415466	-2.40693	0.00110821	0.0788532	-12.6818	0.0618784	0.329158	-3.03805	0.182227	0.473211	-2.11322	0.00336405	0.121459	-8.23325	0.0781125	0.355414	-2.81362	0.000638222	0.0625841	-15.9785	0.0217906	0.233388	-4.28472	0.0333415	0.268661	-3.72217	7.16567	31.6969	3.93195	1
cg11170393	DUSP22	0.00898882	0.019025	0.307074	-3.25654	0.00240874	0.1724	-5.80046	0.0100953	0.259258	-3.85716	0.197088	0.56716	-1.76317	0.00274796	0.179319	-5.57666	0.0185812	0.305171	-3.27686	0.00541315	0.218198	-4.583	0.0951035	0.466398	-2.14409	0.0544959	0.403621	-2.47757	6.11479	16.7498	2.43486	1
cg05371885	DUSP22	0.00974043	0.0136288	0.320593	-3.11922	0.0155161	0.330676	-3.02411	0.00497596	0.250089	-3.99858	0.285473	0.661304	-1.51216	0.0104611	0.300784	-3.32465	0.00556115	0.25724	-3.88742	0.082823	0.488692	-2.04628	0.0406891	0.414419	-2.41302	0.0026758	0.212767	-4.69997	5.9605	13.118	1.95629	1
cg23208850	DUSP22	0.0110876	0.00156464	0.253516	-3.94452	0.0829497	0.560023	-1.78564	0.0297033	0.461718	-2.16582	0.543857	0.830658	-1.20386	0.0125272	0.391422	-2.55479	0.0873735	0.565558	-1.76817	0.00371439	0.306135	-3.26653	0.0272723	0.454335	-2.20102	0.0129585	0.39401	-2.53801	5.71788	8.25893	1.28392	1
cg18120979	DUSP22	0.0118161	0.037433	0.409623	-2.44127	0.130889	0.547245	-1.82734	0.0107718	0.306032	-3.26763	0.510769	0.781502	-1.27959	0.00205855	0.200996	-4.97521	0.00900115	0.29304	-3.4125	0.0154772	0.333618	-2.99744	0.0218474	0.361689	-2.7648	0.00972793	0.298605	-3.3489	5.60147	12.1182	1.92302	1
cg08932727	DUSP22	0.0159278	0.007233	0.31772	-3.14743	0.474175	0.785994	-1.27227	0.022606	0.405264	-2.46753	0.0618716	0.498751	-2.00501	0.961684	1.01602	1.01602	0.0416786	0.45986	-2.17458	0.00124324	0.20994	-4.76327	0.0434688	0.463851	-2.15586	0.0664442	0.506125	-1.97579	5.07862	8.80362	1.54086	1
cg05141695	DUSP22	0.0346755	0.0498923	0.167971	-5.9534	0.0148809	0.0916902	-10.9063	0.00629784	0.0585156	-17.0894	0.654318	0.698008	-1.43265	0.0219977	0.11175	-8.94856	0.890808	1.1158	1.1158	0.0656031	0.192386	-5.19788	0.105887	0.244418	-4.09136	0.0354459	0.141791	-7.05264	3.88018	39.1036	8.95803	1
cg16305516	DUSP22	0.0382802	0.124287	0.447671	-2.23378	0.0195317	0.255913	-3.90758	0.0133619	0.227683	-4.39207	0.150337	0.474956	-2.10546	0.0111426	0.21514	-4.64814	0.0546595	0.349028	-2.8651	0.0187701	0.252821	-3.95537	0.0469076	0.333383	-2.99955	0.104672	0.424677	-2.35473	3.74306	13.8243	3.28294	1
cg20143970	DUSP22	0.0427802	0.0708008	0.422223	-2.36842	0.0224895	0.311167	-3.21371	0.0318952	0.341647	-2.927	0.801404	0.897947	-1.11365	0.0143339	0.275396	-3.63114	0.0947306	0.456414	-2.191	0.0205456	0.303685	-3.29289	0.042303	0.368272	-2.71538	0.0406207	0.364328	-2.74478	3.59269	10.3795	2.56805	1
cg01773443	DUSP22	0.0433079	0.0713723	0.364499	-2.74349	0.877838	1.08014	1.08014	0.0148235	0.222597	-4.49241	0.643606	1.26301	1.26301	0.00605772	0.16589	-6.02807	0.321557	0.598553	-1.67069	0.0953122	0.399141	-2.50538	0.205235	0.5118	-1.95389	0.0249429	0.262562	-3.80863	3.57634	14.2265	3.53594	1
cg10021668	DUSP23	1.32E-05	0.00288977	0.362126	-2.76147	0.662955	1.11487	1.11487	0.841265	0.951495	-1.05098	0.0944177	1.57756	1.57756	0.91819	0.974847	-1.0258	0.66234	1.11511	1.11511	0.343376	1.27384	1.27384	2.30E-07	47.1445	47.1445	7.98E-05	5.85144	5.85144	37.7198	36.7291	0.865542	1
cg11104347	DUSP23	0.000116229	0.409003	1.08249	1.08249	0.892083	0.987339	-1.01282	0.89459	1.01252	1.01252	0.344319	1.09574	1.09574	0.45175	0.930564	-1.07462	0.689234	1.03845	1.03845	0.0575179	0.817396	-1.2234	1.59E-05	2.30711	2.30711	8.76E-06	2.47443	2.47443	21.2664	2.96762	0.12404	1
cg11566172	DUSP23	0.0137875	0.210716	0.698591	-1.43145	0.707843	1.10782	1.10782	0.71565	0.905286	-1.10462	0.367684	1.28618	1.28618	0.0125239	0.429641	-2.32752	0.547694	1.17995	1.17995	0.124267	0.635917	-1.57253	0.0010957	3.70495	3.70495	0.200096	1.44504	1.44504	5.32658	6.24058	1.04142	1
cg10663017	DUSP23	0.013917	0.00549426	0.35653	-2.80481	0.00655783	0.36875	-2.71186	0.10662	0.607896	-1.64502	0.610749	1.15607	1.15607	0.0198851	0.451958	-2.21259	0.507324	0.826926	-1.2093	0.0114214	0.408863	-2.4458	0.365383	0.768933	-1.3005	0.100956	1.66114	1.66114	5.31026	6.71291	1.12368	1
cg17417720	DUSP27	0.00016088	0.146962	1.23213	1.23213	0.0136444	1.50556	1.50556	0.594904	0.930553	-1.07463	0.0598605	0.752198	-1.32944	0.000991965	0.518847	-1.92735	0.0238755	0.696605	-1.43553	6.53E-06	0.260189	-3.84336	0.192512	1.2032	1.2032	0.00297227	0.578847	-1.72757	19.4854	5.55062	0.253209	1
cg13179074	DUSP27	0.00309334	0.00927206	0.279721	-3.57499	0.755533	1.12808	1.12808	0.00115796	0.158568	-6.30645	0.0152872	0.316915	-3.15542	0.000203035	0.0903623	-11.0666	0.0590282	0.439272	-2.27649	0.924845	1.03708	1.03708	0.328325	0.677524	-1.47596	0.0495137	0.421152	-2.37444	8.48059	19.9976	2.09603	1
cg26792900	DUSP27	0.00394135	0.0394306	0.503684	-1.98537	0.0958067	0.590628	-1.69311	0.0063838	0.360008	-2.77771	0.172704	0.65855	-1.51849	0.000912904	0.240027	-4.1662	0.00160845	0.271964	-3.67696	0.00104528	0.247448	-4.04125	0.0589183	0.541178	-1.84782	0.0160462	0.428132	-2.33573	7.88752	10.3502	1.16643	1
cg06374204	DUSP27	0.0100509	0.0671109	1.28981	1.28981	0.320605	0.880496	-1.13572	0.19987	0.845395	-1.18288	0.458698	1.09809	1.09809	0.00340824	1.63816	1.63816	0.242907	1.16364	1.16364	0.000852443	1.86175	1.86175	0.953689	0.992823	-1.00723	0.565218	0.930429	-1.07477	5.90103	1.43739	0.216518	1
cg00056754	DUSP27	0.0147629	0.0264901	0.368412	-2.71436	0.891621	0.949567	-1.05311	0.38686	0.714121	-1.40032	0.0341683	2.55545	2.55545	0.117582	1.90634	1.90634	0.0568611	0.441269	-2.26619	0.0145435	3.13482	3.13482	0.0280486	2.67774	2.67774	0.124675	0.53206	-1.87949	5.20805	11.8852	2.02851	1
cg17104258	DUSP27	0.0318229	0.739048	0.750199	-1.33298	0.135841	3.98223	3.98223	0.141224	3.89741	3.89741	0.994062	1.00642	1.00642	0.00788813	0.0533915	-18.7296	0.888774	1.12784	1.12784	0.0129921	0.0706461	-14.1551	0.0920928	0.203083	-4.92409	0.0864692	0.196291	-5.09447	4.00182	46.8465	10.4056	1
cg27449114	DUSP28	0.00125327	0.000326243	0.189957	-5.26435	0.689405	0.891461	-1.12175	0.0202809	0.449172	-2.22632	0.00858439	0.383386	-2.60834	0.000409433	0.200859	-4.97862	0.0572291	0.540524	-1.85006	0.00101049	0.247815	-4.03527	0.230669	1.43278	1.43278	0.0131494	0.415063	-2.40927	11.034	14.293	1.15143	1
cg19457908	DUSP28	0.00336103	0.929473	1.01199	1.01199	0.000164072	0.421013	-2.37522	0.855937	0.975834	-1.02476	0.0802833	0.770141	-1.29846	0.362042	0.881514	-1.13441	0.0506097	0.74093	-1.34966	0.00458529	1.66197	1.66197	0.484148	1.10044	1.10044	0.35909	0.880791	-1.13534	8.27341	2.37429	0.255092	1
cg05934755	DUSP28	0.0471268	0.337606	0.761434	-1.31331	0.0987666	0.607094	-1.64719	0.312567	0.749762	-1.33376	0.0836525	1.69528	1.69528	0.00355823	0.336568	-2.97117	0.631163	1.14266	1.14266	0.792701	1.07532	1.07532	0.557095	0.848977	-1.17789	0.0595095	0.556328	-1.7975	3.46489	4.17129	1.07011	1
cg02147028	DUSP3	0.00216675	0.395407	1.30471	1.30471	0.259652	0.698133	-1.43239	0.893389	0.959852	-1.04183	8.59E-05	0.115896	-8.62842	0.00161063	0.251059	-3.98313	0.61123	1.16959	1.16959	0.436414	1.2746	1.2746	0.20274	1.50824	1.50824	0.0821873	0.555183	-1.80121	9.41915	13.9314	1.31471	1
cg10537936	DUSP3	0.00283669	0.831634	0.969895	-1.03104	0.455528	1.1153	1.1153	0.629924	0.93267	-1.07219	0.119832	1.27417	1.27417	0.00129847	1.9594	1.9594	0.100312	1.29497	1.29497	0.000228959	2.40806	2.40806	0.129819	1.26484	1.26484	0.0254708	0.683034	-1.46405	8.70137	2.84068	0.29019	1
cg03864245	DUSP3	0.00555901	0.1054	0.8458	-1.18231	0.473496	0.933314	-1.07145	0.578415	1.05458	1.05458	0.842072	0.981293	-1.01906	0.369539	0.916458	-1.09116	0.509225	1.06544	1.06544	8.92E-05	0.514783	-1.94256	0.122187	1.17185	1.17185	0.346782	0.912366	-1.09605	7.10423	1.00829	0.126158	1
cg26893861	DUSP3	0.0260069	0.367169	0.578201	-1.7295	0.415662	1.63559	1.63559	0.247697	0.489336	-2.04359	0.00179566	13.8281	13.8281	0.247337	0.489046	-2.0448	0.0332867	0.229626	-4.35491	0.840581	0.887715	-1.12649	0.162373	2.41599	2.41599	0.810846	0.867802	-1.15234	4.29768	23.8039	4.92337	1
cg12784120	DUSP3	0.0323946	0.93859	0.990562	-1.00953	0.601908	1.06692	1.06692	0.067815	1.28627	1.28627	0.839719	1.02524	1.02524	0.00125566	0.56006	-1.78552	0.313838	1.13677	1.13677	0.147729	1.21063	1.21063	0.970449	1.00457	1.00457	0.739795	1.04187	1.04187	3.97639	0.9538	0.213214	1
cg02054559	DUSP3;C17orf105	0.000963769	0.803084	0.957102	-1.04482	0.0319277	0.643284	-1.55452	0.95097	1.01085	1.01085	0.337429	0.840675	-1.18952	1.05E-05	0.191278	-5.22799	0.790739	0.954402	-1.04778	0.287966	1.21361	1.21361	0.484396	1.13281	1.13281	0.947644	0.988542	-1.01159	11.8902	5.79942	0.433553	1
cg20203041	DUSP3;C17orf105	0.0028234	0.153485	0.63434	-1.57644	0.234005	1.45001	1.45001	0.00891487	0.371211	-2.69389	0.00966165	0.37709	-2.65189	0.000207971	0.157403	-6.35311	0.008952	0.371513	-2.6917	0.0161275	0.416123	-2.40313	0.87883	0.955582	-1.04648	0.00817131	0.364919	-2.74034	8.71348	12.2406	1.2487	1
cg12812662	DUSP3;C17orf105	0.00884609	0.0907032	0.61443	-1.62752	0.846605	1.05192	1.05192	0.00048258	0.239175	-4.18104	0.110173	0.634457	-1.57615	0.00705539	0.402514	-2.48439	0.0982137	0.622523	-1.60637	0.0373547	0.531838	-1.88027	0.0787239	0.600341	-1.66572	0.00698054	0.401766	-2.48901	6.1459	6.64742	0.961423	1
cg14039779	DUSP3;C17orf105	0.0090832	0.879708	0.943307	-1.0601	0.700985	1.16032	1.16032	0.618198	0.82395	-1.21367	0.386886	0.710473	-1.40751	0.00117056	0.159434	-6.27218	0.00628544	0.253635	-3.94267	0.0156143	0.319016	-3.13464	0.00399329	0.225102	-4.44244	0.0453093	0.412738	-2.42285	6.09455	14.3362	2.09094	1
cg05573997	DUSP4	0.0195233	0.924358	1.01633	1.01633	0.533043	1.11369	1.11369	0.977811	0.995268	-1.00475	0.737838	0.944319	-1.05896	0.255572	1.22436	1.22436	0.0032628	1.98176	1.98176	0.138179	0.76167	-1.3129	0.0020619	2.09628	2.09628	0.192447	1.26526	1.26526	4.74323	2.18497	0.409466	1
cg00936146	DUSP4;DUSP4	0.00115652	0.00413843	0.72488	-1.37954	0.112769	1.15542	1.15542	0.0555057	0.833918	-1.19916	0.132835	0.873091	-1.14536	0.207237	1.11774	1.11774	0.000176205	1.70282	1.70282	0.0493811	0.828866	-1.20647	0.0165518	1.27761	1.27761	0.0314377	1.23515	1.23515	11.29	1.25234	0.0985992	1
cg18197963	DUSP4;DUSP4	0.00288773	0.000239674	0.295802	-3.38064	0.976366	0.994083	-1.00595	0.160387	1.35046	1.35046	0.480542	1.15449	1.15449	0.00258195	0.433082	-2.30903	0.279269	0.79823	-1.25277	0.0723145	1.49451	1.49451	0.301012	0.806789	-1.23948	0.0134334	0.5416	-1.84638	8.65553	5.50199	0.565033	1
cg03394159	DUSP4;DUSP4	0.0168765	0.655877	0.87175	-1.14712	0.0914089	0.566166	-1.76627	0.000795206	4.71403	4.71403	0.981849	0.993062	-1.00699	0.103921	0.580351	-1.72309	0.443804	0.787477	-1.26988	0.590418	0.84681	-1.1809	0.408266	0.771944	-1.29543	0.0622798	0.526121	-1.9007	4.98161	7.38872	1.3184	1
cg01865118	DUSP4;DUSP4	0.0265743	0.374104	1.2873	1.2873	0.690335	0.895072	-1.11723	0.00320818	0.328417	-3.04491	0.481689	1.21891	1.21891	0.95513	1.0157	1.0157	0.4192	1.25669	1.25669	0.162797	1.51048	1.51048	0.057296	0.551412	-1.81352	0.0149055	0.436555	-2.29066	4.26536	5.17623	1.07871	1
cg05972070	DUSP4;DUSP4	0.0385432	0.0901511	0.636228	-1.57176	0.168679	0.70109	-1.42635	0.531314	1.16595	1.16595	0.20227	0.721827	-1.38537	0.872996	1.03949	1.03949	0.337938	1.27021	1.27021	0.0165333	0.492152	-2.03189	0.00874072	2.2452	2.2452	0.558665	0.866582	-1.15396	3.73368	3.46667	0.82532	1
cg15717598	DUSP4;DUSP4	0.0395211	0.643776	1.09323	1.09323	0.858759	0.966478	-1.03468	0.100467	0.708618	-1.4112	0.292089	0.811199	-1.23274	0.00356612	0.469655	-2.12922	0.214667	1.28408	1.28408	0.0714538	1.47011	1.47011	0.599419	0.903525	-1.10678	0.0850271	0.694525	-1.43983	3.6995	2.14687	0.515835	1
cg06715928	DUSP5	0.00459964	0.227576	0.815065	-1.2269	0.101481	0.748659	-1.33572	0.278847	1.19934	1.19934	0.117239	0.759803	-1.31613	0.000675523	2.31431	2.31431	0.595412	0.917117	-1.09037	0.0043776	1.84856	1.84856	0.105305	1.33069	1.33069	0.0173746	1.59618	1.59618	7.5275	3.10718	0.366912	1
cg06110816	DUSP5	0.00841892	0.0386307	0.519503	-1.92492	0.707236	1.10866	1.10866	0.628284	1.14269	1.14269	0.64587	0.881175	-1.13485	0.0102834	2.42097	2.42097	0.379898	0.781711	-1.27924	0.00208217	0.305863	-3.26944	0.00507266	0.363165	-2.75357	0.608081	1.1519	1.1519	6.24289	7.39074	1.05232	1
cg20925954	DUSP5	0.0118008	0.16385	0.59972	-1.66744	0.0582819	0.478827	-2.08844	0.143241	1.71835	1.71835	0.993864	1.00265	1.00265	0.00170283	4.67451	4.67451	0.696271	0.873712	-1.14454	0.0146725	0.355612	-2.81206	0.0607932	0.483168	-2.06967	0.773169	1.10457	1.10457	5.60383	10.5112	1.6673	1
cg11864337	DUSP5	0.0313453	0.168042	0.637308	-1.5691	0.0434427	0.4906	-2.03832	0.343093	0.741188	-1.34918	0.978742	1.0082	1.0082	0.0024006	3.65804	3.65804	0.14452	0.618406	-1.61706	0.346568	1.34612	1.34612	0.362498	0.750513	-1.33242	0.739074	1.10794	1.10794	4.0235	5.99175	1.32372	1
cg04604884	DUSP5	0.0409752	0.734124	0.95969	-1.042	0.128963	0.820359	-1.21898	0.103178	0.806427	-1.24004	0.00262995	0.604993	-1.65291	0.212484	1.17174	1.17174	0.356359	0.891816	-1.12131	0.0178047	0.706303	-1.41582	0.229809	0.858928	-1.16424	0.474189	0.915903	-1.09182	3.65055	0.842178	0.205066	1
cg12323347	DUSP5	0.0439797	0.194018	0.563893	-1.77339	0.516964	0.760388	-1.31512	0.901206	0.949541	-1.05314	0.775735	0.887738	-1.12646	0.00413289	4.96914	4.96914	0.311298	0.646148	-1.54763	0.0511642	0.396188	-2.52406	0.0615237	0.415569	-2.40634	0.732143	1.15401	1.15401	3.55588	9.78881	2.44698	1
cg10080966	DUSP5	0.0443989	0.014193	0.110999	-9.00912	0.312227	2.13723	2.13723	0.883092	1.11283	1.11283	0.0270664	0.149354	-6.69551	0.227467	0.398317	-2.51056	0.166658	0.342549	-2.91929	0.00689989	0.0788003	-12.6903	0.317274	0.471848	-2.11932	0.129565	0.304271	-3.28654	3.5433	29.6224	7.43121	1
cg12406703	DUSP5	0.0459285	0.508498	0.804293	-1.24333	0.209196	1.53695	1.53695	0.2936	1.42439	1.42439	0.296314	0.703553	-1.42136	0.226939	0.66239	-1.50969	0.705748	1.13107	1.13107	0.00134242	0.220246	-4.54039	0.974004	0.989475	-1.01064	0.88144	0.952696	-1.04965	3.49863	5.84195	1.48425	1
cg02927679	DUSP5	0.0459593	0.0439406	0.178237	-5.6105	0.25657	2.41596	2.41596	0.398868	1.9029	1.9029	0.156523	0.323376	-3.09238	0.481953	0.587207	-1.70298	0.235372	0.395982	-2.52537	0.00264638	0.0451258	-22.1603	0.217263	0.380232	-2.62998	0.178672	0.344969	-2.89881	3.49775	30.7379	7.81146	1
cg20531392	DUSP5;DUSP5	0.0147919	0.127512	0.737692	-1.35558	0.10315	1.38975	1.38975	0.181064	1.29973	1.29973	0.00263531	0.463736	-2.1564	0.0635896	1.46968	1.46968	0.0443841	0.65293	-1.53156	0.676033	1.08068	1.08068	0.63228	1.09309	1.09309	0.0653701	1.46503	1.46503	5.20467	2.80946	0.479819	1
cg17016830	DUSP5P	0.000353891	0.541526	1.15473	1.15473	0.475814	0.844689	-1.18387	0.00820426	2.19747	2.19747	0.251336	0.756552	-1.32179	0.586354	1.13644	1.13644	0.227117	0.744402	-1.34336	0.0539771	1.66399	1.66399	4.58E-06	11.5818	11.5818	0.28834	1.29252	1.29252	15.7214	13.4923	0.762855	1
cg10107958	DUSP5P	0.0112617	0.424572	3.6924	3.6924	0.196866	9.00064	9.00064	0.0024266	1233.91	1233.91	0.878447	0.78318	-1.27685	0.187634	0.105436	-9.48443	0.303777	5.52785	5.52785	0.00270313	1072.65	1072.65	0.00415029	624.141	624.141	0.745363	1.683	1.683	6.4447	254.74	30.7432	1
cg03784956	DUSP5P	0.0123101	0.0110753	2.75388	2.75388	0.463221	1.26799	1.26799	0.0956937	1.78953	1.78953	0.322375	1.38412	1.38412	0.0129977	2.66472	2.66472	0.0260717	2.31561	2.31561	0.00204006	3.9851	3.9851	0.00740479	2.99549	2.99549	0.0102587	2.79787	2.79787	5.5275	8.85222	1.42354	1
cg19764421	DUSP5P	0.0149432	0.248254	2.5694	2.5694	0.917298	1.08459	1.08459	0.0152957	10.2582	10.2582	0.905884	0.911674	-1.09688	0.145083	0.294218	-3.39883	0.275059	2.42985	2.42985	0.00173211	32.9024	32.9024	0.00587126	16.7592	16.7592	0.903792	0.909791	-1.09915	5.1872	50.217	8.60529	1
cg16732787	DUSP5P	0.0168057	0.0207825	4.54215	4.54215	0.00581592	7.12859	7.12859	0.198482	2.09376	2.09376	0.142696	2.3555	2.3555	0.0227615	4.40277	4.40277	0.0372067	3.72554	3.72554	0.00303018	9.10937	9.10937	0.0120304	5.49122	5.49122	0.0503933	3.36267	3.36267	4.98862	23.3625	4.1628	1
cg01328119	DUSP5P	0.0220016	0.320707	3.45981	3.45981	0.442571	2.57835	2.57835	0.0113483	46.2811	46.2811	0.0976818	9.00952	9.00952	0.254921	0.237405	-4.21221	0.129726	7.24431	7.24431	0.00327821	127.462	127.462	0.00918812	54.6726	54.6726	0.857674	0.804797	-1.24255	4.55382	105.551	20.6031	1
cg01525538	DUSP5P	0.0232069	0.0457386	4.57924	4.57924	0.0241037	5.97075	5.97075	0.151331	2.77706	2.77706	0.112223	3.1545	3.1545	0.0348374	5.12406	5.12406	0.00926228	8.96909	8.96909	0.00670236	10.3412	10.3412	0.00913202	9.02464	9.02464	0.0348281	5.12463	5.12463	4.47103	31.2501	6.21285	1
cg20971488	DUSP5P	0.0240244	0.0125422	4.68133	4.68133	0.00934089	5.14919	5.14919	0.192693	1.98447	1.98447	0.164218	2.09137	2.09137	0.0290891	3.59151	3.59151	0.119526	2.31572	2.31572	0.00502945	6.32529	6.32529	0.0129959	4.62834	4.62834	0.0779617	2.64757	2.64757	4.41785	17.2901	3.47884	1
cg18081750	DUSP6;DUSP6	0.00232758	0.977008	0.995919	-1.0041	8.85E-05	2.70891	2.70891	0.112543	1.27783	1.27783	0.811096	0.96659	-1.03456	0.0982459	1.29351	1.29351	0.626766	1.07202	1.07202	0.00489322	0.589046	-1.69766	0.4977	0.90692	-1.10263	0.255106	0.844832	-1.18367	9.2237	2.94207	0.283528	1
cg21860679	DUSP6;DUSP6	0.00355279	0.0661866	0.409843	-2.43996	0.00753688	0.225763	-4.42942	0.853001	0.922852	-1.0836	0.00927211	0.239529	-4.17485	0.00401168	0.187602	-5.33042	0.154642	0.517158	-1.93364	0.000178874	0.06412	-15.5958	0.43282	0.70718	-1.41407	0.440802	1.4053	1.4053	8.13725	24.1451	2.63754	1
cg05789837	DUSP6;DUSP6	0.010799	0.992045	1.00163	1.00163	0.244249	1.22019	1.22019	0.766787	0.952575	-1.04979	0.0639039	0.711617	-1.40525	0.000386458	2.52167	2.52167	0.585501	0.913965	-1.09413	0.0478733	1.44705	1.44705	0.521177	0.89922	-1.11207	0.109532	1.32979	1.32979	5.76665	2.43731	0.375694	1
cg20521715	DUSP6;DUSP6	0.0273997	0.0182815	0.648911	-1.54104	0.0557229	0.720865	-1.38722	0.134953	1.27547	1.27547	0.561982	0.915278	-1.09256	0.0987124	0.760816	-1.31438	0.00744878	1.68258	1.68258	0.739226	0.950811	-1.05173	0.501645	0.902158	-1.10845	0.364037	1.15124	1.15124	4.21983	1.52358	0.320936	1
cg26703664	DUSP6;DUSP6;DUSP6;DUSP6	0.00622078	0.000449152	0.481463	-2.077	0.541691	0.921652	-1.08501	0.96815	0.994741	-1.00529	0.71274	1.05005	1.05005	0.374699	0.886624	-1.12787	0.0583368	0.75387	-1.32649	0.000802421	0.512621	-1.95076	0.591757	0.930998	-1.07412	0.529995	1.08765	1.08765	6.8621	1.89566	0.245556	1
cg23078565	DUSP7	0.000517807	0.000535085	0.596144	-1.67745	0.0628415	0.81797	-1.22254	0.0203957	1.30776	1.30776	0.0026383	0.670651	-1.49109	0.000498843	0.592822	-1.68685	0.0664204	0.820681	-1.2185	0.00409033	0.690835	-1.44752	0.0382121	1.25935	1.25935	0.00112297	0.631006	-1.58477	14.1524	2.06565	0.12974	1
cg10217975	DUSP7	0.0237269	0.00299246	2.20282	2.20282	0.71484	1.07377	1.07377	0.0175657	1.75146	1.75146	0.0667618	1.48981	1.48981	0.393584	1.18471	1.18471	0.209682	0.773809	-1.29231	0.0679257	0.672628	-1.48671	0.772807	0.945402	-1.05775	0.373065	1.19406	1.19406	4.43693	2.6435	0.529595	1
cg14716208	DUSP7	0.0299563	0.179323	1.22153	1.22153	0.465589	0.901066	-1.1098	0.0390967	1.39792	1.39792	0.810606	0.96688	-1.03425	0.645678	1.0671	1.0671	0.950139	1.00881	1.00881	0.0808324	1.31207	1.31207	0.00299255	1.77042	1.77042	0.0086585	1.59919	1.59919	4.08895	1.27454	0.27707	1
cg22863122	DUSP7	0.0312341	0.563925	1.11812	1.11812	0.0166978	0.571656	-1.7493	0.945715	0.987052	-1.01312	0.0201237	0.584752	-1.71013	0.210115	0.776639	-1.2876	0.0335671	0.621772	-1.60831	0.0301595	0.613879	-1.62899	0.164581	1.32817	1.32817	0.225881	1.27558	1.27558	4.02861	2.33728	0.515707	1
cg01602287	DUSP8;HCCA2	0.00111634	0.278343	1.15836	1.15836	0.0260409	1.41122	1.41122	0.00129122	1.84325	1.84325	0.50088	1.09319	1.09319	0.000888987	0.522442	-1.91409	0.0193119	1.44628	1.44628	0.00219448	1.75077	1.75077	0.0857516	1.28101	1.28101	0.0234112	0.702461	-1.42357	11.4043	3.07175	0.239423	1
cg02248763	DUSP8;HCCA2	0.0112621	0.323074	0.572381	-1.74709	0.0235495	4.38576	4.38576	0.238864	0.509503	-1.9627	0.0918836	2.7577	2.7577	0.102589	0.376654	-2.65496	0.77242	1.17178	1.17178	0.000890486	0.0658256	-15.1917	0.185854	2.15285	2.15285	0.625054	1.30897	1.30897	5.68914	26.9253	4.20688	1
cg20105848	DUSP8;HCCA2	0.0156795	0.365869	0.781895	-1.27894	0.516731	0.840211	-1.19018	0.0706323	0.585655	-1.70749	0.0853491	0.604292	-1.65483	0.0817354	1.66675	1.66675	0.118678	1.56606	1.56606	0.00476876	2.69748	2.69748	0.0234304	2.04838	2.04838	0.148753	0.663564	-1.50701	5.10521	5.67075	0.987359	1
cg01651290	DUSP8;HCCA2	0.0466323	0.364611	1.31896	1.31896	0.000951635	4.74727	4.74727	0.112677	1.67834	1.67834	0.152131	1.58226	1.58226	0.195599	1.50466	1.50466	0.621107	1.15908	1.15908	0.712705	1.11575	1.11575	0.11327	1.67662	1.67662	0.682154	1.12971	1.12971	3.78248	5.13611	1.05612	1
cg07256643	DUSP9	4.56E-05	0.0194746	0.738846	-1.35346	0.668241	0.954847	-1.04729	0.000448273	0.552505	-1.80994	0.652692	1.04975	1.04975	0.00131182	0.605769	-1.65079	0.00074464	1.73088	1.73088	1.89E-05	2.54032	2.54032	0.000101864	2.09097	2.09097	0.601014	0.945022	-1.05818	27.2797	4.9622	0.16169	1
cg20749047	DUSP9	0.000308904	0.586303	0.897546	-1.11415	0.282727	1.24553	1.24553	0.737223	1.06848	1.06848	0.0776632	0.679942	-1.47071	0.00408276	0.468554	-2.13422	7.85E-05	4.07552	4.07552	0.000506573	2.91203	2.91203	0.000372409	3.06473	3.06473	0.0749936	1.47705	1.47705	16.3189	10.0005	0.544727	1
cg09796544	DUSP9	0.00190477	0.0150667	2.74278	2.74278	0.0322847	2.332	2.332	0.362797	1.3715	1.3715	0.103697	1.82392	1.82392	0.0132233	2.82143	2.82143	0.0202801	2.57333	2.57333	0.000422805	6.59587	6.59587	0.000361149	6.90242	6.90242	0.00082074	5.48923	5.48923	9.77979	17.6685	1.6059	1
cg20336701	DUSP9	0.00722069	0.074859	1.72741	1.72741	0.232741	1.41165	1.41165	0.621212	0.871769	-1.14709	0.102108	1.63712	1.63712	0.0710144	0.57368	-1.74313	0.370835	1.28811	1.28811	0.010029	2.44855	2.44855	0.000313414	5.00157	5.00157	0.997777	1.00077	1.00077	6.55134	7.87609	1.06863	1
cg27502296	DUSP9	0.00733799	0.0309662	4.72452	4.72452	0.0177091	5.86021	5.86021	0.427831	1.64255	1.64255	0.309767	1.9047	1.9047	0.0518383	3.88212	3.88212	0.0272411	4.96224	4.96224	0.00237384	13.4327	13.4327	0.00129119	17.7184	17.7184	0.00310393	11.9431	11.9431	6.51842	38.795	5.29031	1
cg23221544	DUSP9	0.00882492	0.318153	1.70405	1.70405	0.0766142	2.76606	2.76606	0.844591	1.1067	1.1067	0.0359086	3.5284	3.5284	0.094149	0.386476	-2.58748	0.535909	1.3824	1.3824	0.185679	0.484354	-2.0646	0.000294041	21.0542	21.0542	0.613907	1.30056	1.30056	6.15057	25.9949	3.75682	1
cg06776257	DUSP9	0.0186063	0.0523647	0.205242	-4.8723	0.422018	1.80159	1.80159	0.656697	1.37861	1.37861	0.279099	2.24266	2.24266	0.296721	2.17387	2.17387	0.250883	2.36569	2.36569	0.944922	0.951621	-1.05084	0.00183917	23.9321	23.9321	0.00516547	14.156	14.156	4.82103	39.3322	7.25197	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26561721	DUSP9	0.030232	0.215628	0.542525	-1.84323	0.0417268	0.332384	-3.00856	0.0113172	0.225773	-4.42923	0.955958	0.974419	-1.02625	0.00617981	0.187187	-5.34225	0.0114547	0.226604	-4.41299	0.0264107	0.290767	-3.43918	0.300411	0.6044	-1.65453	0.104425	0.434797	-2.29992	4.07566	14.2123	3.09964	1
cg09055214	DUSP9	0.0337544	0.986697	0.995919	-1.0041	0.00895056	0.442433	-2.26023	0.0419029	0.56265	-1.7773	0.74487	0.923037	-1.08338	0.00593188	0.413692	-2.41726	0.225557	1.36637	1.36637	0.117488	0.659019	-1.51741	0.418851	1.22458	1.22458	0.637574	0.890133	-1.12343	3.91806	3.73291	0.846884	1
cg01337817	DUSP9	0.0343167	0.105453	2.5389	2.5389	0.460479	1.4856	1.4856	0.668181	1.25502	1.25502	0.659298	0.791587	-1.26328	0.825953	0.890468	-1.12301	0.0233134	4.16998	4.16998	0.0282543	0.255523	-3.91354	0.0116405	5.265	5.265	0.0524879	3.1946	3.1946	3.89479	17.1161	3.90633	1
cg20503915	DUSP9	0.0381028	0.0637712	0.11022	-9.07273	0.371608	2.64005	2.64005	0.530826	1.95788	1.95788	0.225052	3.85148	3.85148	0.483967	2.12281	2.12281	0.11422	6.16083	6.16083	0.912657	0.890374	-1.12312	0.00534519	48.5628	48.5628	0.0120953	27.4071	27.4071	3.74943	66.5014	15.7657	1
cg02040583	DUT;DUT;DUT	0.00226161	0.00563463	0.49907	-2.00373	0.000372432	2.97152	2.97152	0.0133599	1.79712	1.79712	0.142055	0.739386	-1.35247	0.809913	0.954951	-1.04717	0.0189072	0.580537	-1.72254	0.0713035	0.680236	-1.47008	0.76153	1.05995	1.05995	0.333954	1.21	1.21	9.30177	5.39034	0.515108	1
cg20071305	DUT;DUT;DUT	0.0130561	0.0713656	0.636428	-1.57127	0.546479	1.14676	1.14676	0.354039	0.807381	-1.23857	0.505188	0.859227	-1.16384	0.000504084	0.295171	-3.38787	0.0401462	0.587361	-1.70253	0.0123356	0.496995	-2.01209	0.590406	1.12967	1.12967	0.110184	0.676609	-1.47796	5.42251	4.3242	0.708847	1
cg07562988	DUT;DUT;DUT	0.0325916	0.853039	1.02889	1.02889	0.0352453	1.45737	1.45737	0.378387	1.1489	1.1489	0.39711	1.14244	1.14244	0.112773	0.767116	-1.30358	0.0155941	0.634177	-1.57685	0.00962821	0.604548	-1.65413	0.58778	0.919382	-1.08769	0.274829	0.839883	-1.19064	3.96775	1.48222	0.332059	1
cg12296218	DUT;DUT;DUT;DUT	0.00661655	?	?	?	0.00345166	0.284527	-3.5146	0.0785707	1.85598	1.85598	0.00148865	0.234528	-4.26388	0.0167932	0.397059	-2.51851	0.0347198	0.45878	-2.1797	0.40974	0.76579	-1.30584	0.0673076	0.522585	-1.91357	0.675035	0.875061	-1.14278	6.87283	9.69366	1.41043	1
cg10457605	DUT;DUT;DUT;DUT;DUT	0.00373983	0.392734	0.863924	-1.15751	0.00359058	0.517478	-1.93245	0.912672	0.98184	-1.0185	0.057507	0.698459	-1.43172	0.714049	1.06341	1.06341	0.0578807	0.698929	-1.43076	8.58E-05	0.307834	-3.2485	0.0612049	0.702994	-1.42249	0.553471	0.904709	-1.10533	8.013	3.54193	0.392909	1
cg06526753	DUT;DUT;DUT;DUT;DUT	0.00702406	0.318398	0.667847	-1.49735	0.00250926	0.193359	-5.17172	0.0250539	0.352234	-2.83903	0.717666	0.867495	-1.15274	0.20915	0.595574	-1.67905	0.0476613	0.412057	-2.42685	0.000917886	0.143843	-6.95205	0.00244381	0.191924	-5.21041	0.0423553	0.400403	-2.49749	6.60805	16.0381	2.15739	1
cg13472369	DUXA	0.00149643	0.566783	0.857724	-1.16588	0.0015505	0.299288	-3.34126	0.0121009	0.436389	-2.29153	0.186086	0.68963	-1.45005	4.80E-05	0.131502	-7.60446	0.535666	0.846825	-1.18088	0.0754245	1.68988	1.68988	0.27125	0.738153	-1.35473	0.278495	0.741787	-1.3481	10.4868	11.6698	0.989164	1
cg02775223	DUXA	0.00330961	0.00367586	0.223626	-4.47175	0.000548988	0.129115	-7.74504	0.16155	0.565423	-1.76859	0.999375	0.999701	-1.0003	0.00151561	0.175117	-5.71048	0.383582	0.711222	-1.40603	0.00367755	0.223654	-4.4712	0.335418	1.46062	1.46062	0.613499	0.823448	-1.21441	8.31157	19.1493	2.04794	1
cg15402156	DUXA	0.0117538	0.0125358	0.249045	-4.01535	0.00218589	0.146069	-6.84606	0.0935161	0.437928	-2.28348	0.140212	0.491473	-2.0347	0.00218821	0.14612	-6.84369	0.0338158	0.32979	-3.03223	0.163052	0.513511	-1.94738	0.327922	1.57152	1.57152	0.204666	0.5493	-1.8205	5.61107	17.8069	2.82091	1
cg09183598	DUXA	0.0332074	0.0550159	0.283678	-3.52512	0.578129	0.722296	-1.38447	0.108485	0.362807	-2.75628	0.0211541	0.200852	-4.9788	0.118718	0.375043	-2.66636	0.900472	1.07514	1.07514	0.00126935	0.0656752	-15.2265	0.124243	0.381402	-2.6219	0.431235	0.628012	-1.59233	3.94117	20.9317	4.72092	1
cg15449127	DUXA	0.046743	0.63277	0.715737	-1.39716	0.0106855	0.107602	-9.29351	0.0507669	0.213061	-4.69349	0.149721	0.341996	-2.92401	0.0173462	0.133588	-7.48572	0.151961	0.344293	-2.9045	0.00642747	0.085218	-11.7346	0.217453	0.405989	-2.46312	0.242888	0.427845	-2.3373	3.47558	26.5669	6.79454	1
cg11339519	DVL1	0.000212193	0.00437977	0.59066	-1.69302	0.0272256	0.696567	-1.43561	0.618557	0.932908	-1.07192	0.228861	0.839692	-1.19091	2.88E-06	0.212645	-4.70267	0.0779966	0.762652	-1.31121	0.342355	1.14494	1.14494	0.426604	1.11886	1.11886	0.00499554	0.59808	-1.67202	18.0785	5.48107	0.269494	1
cg06649390	DVL1	0.00243997	0.798632	0.9704	-1.0305	0.12101	1.2185	1.2185	0.00729756	1.50178	1.50178	0.869808	0.980905	-1.01947	0.00140128	0.580504	-1.72264	0.000434212	0.520047	-1.9229	0.289937	1.1378	1.1378	0.253939	0.869337	-1.1503	0.175875	0.844377	-1.18431	9.09685	1.9903	0.19448	1
cg25203539	DVL1	0.00259888	0.35752	0.854328	-1.17051	0.000369915	0.387409	-2.58125	0.721061	1.06147	1.06147	0.323625	0.843988	-1.18485	0.00598233	0.550017	-1.81813	0.0395275	0.672896	-1.48611	0.000495889	0.403718	-2.47697	0.17931	1.26787	1.26787	0.868473	0.972801	-1.02796	8.92942	3.91507	0.38973	1
cg06646682	DVL1	0.00505317	0.00673329	2.23979	2.23979	0.224303	1.3404	1.3404	0.00290702	2.558	2.558	0.190947	1.37412	1.37412	0.0216551	1.88287	1.88287	0.00511759	0.427886	-2.33707	0.00804775	2.17964	2.17964	0.212968	1.35125	1.35125	0.285428	1.28999	1.28999	7.31493	6.10243	0.741549	1
cg15976416	DVL1	0.0104054	0.0748107	1.86197	1.86197	0.00518692	0.314804	-3.17658	0.262621	0.693586	-1.44178	0.997547	1.00096	1.00096	0.00901745	0.353456	-2.82921	0.00455587	0.306174	-3.26612	0.0232619	0.427584	-2.33872	0.393427	1.31502	1.31502	0.239184	0.679679	-1.47128	5.83586	9.07008	1.38151	1
cg03465880	DVL1	0.0118974	0.407764	0.733379	-1.36355	0.663191	1.17407	1.17407	0.72066	1.14052	1.14052	0.675832	0.857269	-1.16649	0.000411599	0.128256	-7.7969	0.00814622	0.289305	-3.45656	0.266684	1.52774	1.52774	0.81013	1.09214	1.09214	0.648746	1.18286	1.18286	5.58905	11.8706	1.88791	1
cg09236098	DVL1	0.0120649	0.611125	1.09543	1.09543	0.449685	1.14673	1.14673	0.0321993	1.56189	1.56189	0.655447	1.0831	1.0831	0.0787111	0.706754	-1.41492	0.832249	0.963	-1.03842	0.000475498	0.377117	-2.6517	0.463848	0.875882	-1.14171	0.328103	1.19652	1.19652	5.56374	2.78388	0.444765	1
cg18024631	DVL1	0.014794	0.352517	0.80784	-1.23787	0.00498405	0.436474	-2.29109	0.536738	0.869771	-1.14973	0.171726	0.722876	-1.38336	0.0137741	0.507047	-1.9722	0.0175166	0.524708	-1.90582	0.0895509	1.51817	1.51817	0.0598149	1.60592	1.60592	0.553324	1.14311	1.14311	5.20443	4.10078	0.700391	1
cg26351554	DVL1	0.0149464	0.680996	1.06795	1.06795	0.0049518	0.553312	-1.8073	0.0320784	0.670752	-1.49086	0.494279	1.11672	1.11672	0.214579	0.812373	-1.23096	0.0374291	1.46826	1.46826	0.0425856	1.44965	1.44965	0.145339	1.28235	1.28235	0.0939045	1.34038	1.34038	5.18683	2.07789	0.356096	1
cg10556264	DVL1	0.0174354	0.152335	1.15422	1.15422	0.696751	0.964027	-1.03732	0.0135798	0.751496	-1.33068	0.786121	1.02577	1.02577	0.0140462	0.753022	-1.32798	0.00277181	0.679773	-1.47108	0.420987	0.925979	-1.07994	0.19618	1.13639	1.13639	0.651967	1.04339	1.04339	4.92758	0.682938	0.123196	1
cg16575694	DVL1	0.0189503	0.109131	0.518517	-1.92858	0.0541453	2.27423	2.27423	0.0829418	2.05804	2.05804	0.231515	0.623894	-1.60284	0.00154177	5.54266	5.54266	0.0375837	2.47662	2.47662	0.790901	1.10506	1.10506	0.68939	1.16304	1.16304	0.143341	1.80617	1.80617	4.7913	10.7243	1.98959	1
cg12072393	DVL1	0.0294563	0.270619	1.29874	1.29874	0.370537	0.810944	-1.23313	0.205163	1.35613	1.35613	0.0978199	0.66106	-1.51272	0.0163334	0.512189	-1.9524	0.235385	1.32765	1.32765	0.0464071	1.68187	1.68187	0.0483082	1.67234	1.67234	0.0853244	0.648245	-1.54263	4.11343	3.38346	0.731147	1
cg15462203	DVL1	0.0313517	0.203788	0.626673	-1.59573	0.820924	1.0822	1.0822	0.963192	0.98405	-1.01621	0.357817	0.719298	-1.39024	0.00044649	0.14514	-6.88988	0.518396	0.796026	-1.25624	0.895348	1.04692	1.04692	0.667501	1.16251	1.16251	0.855619	0.938511	-1.06552	4.0232	7.73537	1.70906	1
cg23643813	DVL1	0.0349537	0.557151	0.861302	-1.16103	0.107383	1.55567	1.55567	0.00214038	2.95802	2.95802	0.174558	1.43787	1.43787	0.535016	0.853861	-1.17115	0.875369	0.961299	-1.04026	0.161249	0.686437	-1.4568	0.0463426	1.77519	1.77519	0.361664	1.26591	1.26591	3.86898	3.8749	0.890248	1
cg17873420	DVL1	0.036227	0.337802	1.51149	1.51149	0.900988	1.05341	1.05341	0.954861	1.02395	1.02395	0.428167	1.40238	1.40238	0.797772	1.11332	1.11332	0.378315	0.68531	-1.45919	0.000702889	0.115381	-8.66696	0.625123	1.22858	1.22858	0.74428	1.14664	1.14664	3.8191	10.5712	2.46043	1
cg22376366	DVL1	0.0437498	0.0198486	1.7861	1.7861	0.00187787	2.48264	2.48264	0.420371	1.18507	1.18507	0.507535	1.14875	1.14875	0.689574	0.920522	-1.08634	0.781345	1.05907	1.05907	0.412973	1.18843	1.18843	0.93462	1.01707	1.01707	0.0418426	1.62225	1.62225	3.56284	2.40057	0.598916	1
cg23938329	DVL2	0.00083771	0.0156482	0.371765	-2.68987	0.0193156	0.388753	-2.57232	0.187743	1.59387	1.59387	0.00523317	0.292279	-3.42139	0.000113611	0.104058	-9.61004	0.644363	0.856228	-1.16791	0.000145866	0.112712	-8.87215	0.894115	1.04547	1.04547	0.0580157	0.488941	-2.04524	12.3706	21.847	1.56982	1
cg21634261	DVL2	0.00750735	0.427465	1.07435	1.07435	0.00216775	1.46368	1.46368	0.158292	1.14284	1.14284	0.156374	1.14364	1.14364	0.0455394	1.22506	1.22506	0.0101471	1.33248	1.33248	0.000460507	1.62915	1.62915	0.785962	0.976193	-1.02439	0.122195	1.15985	1.15985	6.47202	0.803219	0.110317	1
cg15663173	DVL2	0.0170349	0.786924	1.06212	1.06212	0.00219516	0.384727	-2.59925	0.279885	0.778901	-1.28386	0.0442563	0.598089	-1.67199	0.00397102	0.422506	-2.36683	0.0157681	0.517865	-1.93101	0.288281	0.782531	-1.2779	0.311468	0.792215	-1.26228	0.0280523	0.561487	-1.78099	4.96607	3.89157	0.696561	1
cg26892702	DVL2	0.0177667	0.23293	0.580975	-1.72124	0.0593261	0.396822	-2.52002	0.667121	1.20667	1.20667	0.548367	1.30172	1.30172	0.00285393	0.168226	-5.9444	0.00498296	0.199134	-5.02174	0.00841693	0.231983	-4.31065	0.355677	0.661996	-1.51058	0.309563	0.633466	-1.57862	4.89655	14.6183	2.65372	1
cg13248847	DVL2;DVL2	0.00382872	0.000928945	0.632581	-1.58083	0.7293	1.0327	1.0327	0.0997745	0.84613	-1.18185	0.795643	0.976245	-1.02433	0.0264483	0.783674	-1.27604	0.852515	1.01739	1.01739	0.000200057	0.56083	-1.78307	0.98503	1.00174	1.00174	0.885841	0.986781	-1.0134	7.95663	1.08124	0.120792	1
cg03077712	DVL2;PHF23	0.0108579	0.0104916	0.317443	-3.15017	0.094607	0.519679	-1.92427	0.38081	0.725964	-1.37748	0.0263202	0.391174	-2.5564	0.000857897	0.168029	-5.95135	0.0170314	0.35472	-2.81913	0.00481828	0.26385	-3.79003	0.230878	0.639063	-1.56479	0.0823535	0.503806	-1.98489	5.75657	11.5713	1.78677	1
cg20280182	DVL3	3.23E-05	0.0564302	1.30783	1.30783	0.952445	1.00744	1.00744	0.911371	0.98626	-1.01393	0.423381	1.10694	1.10694	4.19E-06	0.26639	-3.7539	7.66E-06	0.29495	-3.3904	0.000146931	0.444243	-2.25102	0.984166	1.00247	1.00247	0.00903497	0.662098	-1.51035	29.8678	7.30289	0.21734	1
cg27613026	DVL3	0.000237074	0.000381572	0.172247	-5.80562	0.853689	1.05891	1.05891	0.0697162	1.87555	1.87555	0.407759	1.30024	1.30024	0.000282444	0.158845	-6.29545	0.3877	0.759948	-1.31588	0.55818	0.832268	-1.20154	0.651771	1.15126	1.15126	1.63E-05	0.0637978	-15.6745	17.5418	26.7072	1.35332	1
cg00067768	DVL3	0.000393288	0.0441582	0.480407	-2.08157	0.000226235	0.143099	-6.98816	0.00440125	0.299539	-3.33846	0.459301	1.26985	1.26985	0.704707	1.12831	1.12831	0.133379	0.59849	-1.67087	2.04E-05	0.0652273	-15.331	0.620842	0.853767	-1.17128	0.00190879	0.248077	-4.03101	15.2713	24.3146	1.41527	1
cg01663570	DVL3	0.0147707	0.742122	0.969671	-1.03128	0.0107062	1.34876	1.34876	0.0236752	1.28651	1.28651	0.222194	0.887221	-1.12712	0.151496	0.866459	-1.15412	0.610512	0.953217	-1.04908	0.00375322	0.694249	-1.44041	0.11663	0.852983	-1.17236	0.883834	1.01373	1.01373	5.20713	0.717463	0.122475	1
cg12805087	DVL3	0.0183051	0.768091	0.923856	-1.08242	0.59558	0.86634	-1.15428	0.351737	0.773613	-1.29264	0.227624	1.40385	1.40385	0.00293357	0.334754	-2.98727	0.0297282	0.503958	-1.98429	0.00784848	0.401023	-2.49362	0.625368	1.14088	1.14088	0.0183867	0.464784	-2.15154	4.84763	5.50776	1.00994	1
cg08467643	DVL3	0.0202323	0.0513024	0.324162	-3.08488	0.181181	0.48644	-2.05575	0.211965	0.513011	-1.94927	0.0476818	0.31677	-3.15687	0.0049248	0.150927	-6.62572	0.00268083	0.121629	-8.22173	0.0186084	0.234968	-4.2559	0.206686	0.508609	-1.96615	0.0193536	0.237953	-4.20252	4.68613	19.1261	3.62794	1
cg10674793	DVL3	0.0240642	0.0919433	0.525926	-1.90141	0.65704	1.1674	1.1674	0.0300968	2.41936	2.41936	0.071656	2.007	2.007	0.00760756	0.30459	-3.2831	0.997644	0.998978	-1.00102	0.18632	0.615527	-1.62462	0.045268	2.21562	2.21562	0.53943	0.80638	-1.24011	4.41531	8.3893	1.68893	1
cg23202575	DVL3	0.0259452	0.794999	1.08694	1.08694	0.0362853	2.18012	2.18012	0.857953	1.05904	1.05904	0.502367	0.804155	-1.24354	0.00339939	0.279473	-3.57816	0.830943	0.933838	-1.07085	0.0135147	0.375766	-2.66123	0.282293	1.43007	1.43007	0.550182	1.21355	1.21355	4.30124	6.98325	1.44315	1
cg17338133	DVL3	0.0357572	0.00871842	1.95131	1.95131	0.00918337	1.93803	1.93803	0.111409	1.41459	1.41459	0.358291	1.20798	1.20798	0.784439	1.05638	1.05638	0.878722	0.969919	-1.03101	0.00633164	2.03611	2.03611	0.215739	1.29773	1.29773	0.938391	0.984657	-1.01558	3.83725	2.43156	0.563265	1
cg26652809	DVL3	0.0488903	0.511198	1.13574	1.13574	0.430608	0.857559	-1.1661	0.225782	0.784289	-1.27504	0.246013	0.793144	-1.26081	0.00170666	0.425014	-2.35286	0.0375171	0.630646	-1.58568	0.428625	0.856968	-1.1669	0.453897	1.15688	1.15688	0.77709	0.947226	-1.05571	3.41712	1.97464	0.513659	1
cg26712821	DVWA	0.0302899	0.0092564	0.135929	-7.3568	0.642882	0.754169	-1.32596	0.0733554	0.299257	-3.34161	0.0778294	0.306017	-3.26779	0.00580847	0.112703	-8.87288	0.135254	0.377998	-2.64551	0.00879955	0.133225	-7.5061	0.0765065	0.304043	-3.28901	0.0625927	0.281908	-3.54726	4.07289	23.5509	5.13986	1
cg01428769	DVWA;CAPN7	0.0452327	0.659176	1.09876	1.09876	0.938175	1.0166	1.0166	0.0539895	1.59068	1.59068	0.283888	1.26648	1.26648	0.790556	0.945082	-1.05811	0.894012	0.972111	-1.02869	0.00182726	0.390713	-2.55942	0.972386	0.992682	-1.00737	0.313963	0.801734	-1.2473	3.51872	2.50933	0.6339	1
cg24687020	DYDC1	0.0062864	0.00655715	1.73906	1.73906	0.0452798	0.697762	-1.43315	0.00238785	0.515121	-1.94129	0.960082	1.00787	1.00787	0.0239697	0.655712	-1.52506	0.982778	0.996623	-1.00339	0.603181	0.921107	-1.08565	0.0141897	1.60662	1.60662	0.719642	1.05811	1.05811	6.83984	2.65991	0.345675	1
cg01248810	DYDC1	0.0486525	0.144516	0.449278	-2.22579	0.610479	0.769319	-1.29985	0.32049	0.592141	-1.68879	0.618097	0.773696	-1.2925	0.0138299	0.211608	-4.72572	0.394678	0.640805	-1.56054	0.0145039	0.21493	-4.65268	0.0287038	3.7331	3.7331	0.673662	0.805556	-1.24138	3.42344	14.1292	3.66863	1
cg07862129	DYDC2	0.0175306	0.0263607	0.326685	-3.06105	0.944763	0.970995	-1.02987	0.0380561	0.360068	-2.77725	0.322754	0.64799	-1.54323	0.00288276	0.175359	-5.7026	0.0823675	0.441576	-2.26462	0.00176497	0.150735	-6.63415	0.783258	0.889467	-1.12427	0.295957	0.631053	-1.58465	4.91859	14.0569	2.54036	1
cg05905523	DYDC2	0.0211486	0.869603	1.01774	1.01774	0.388201	0.909674	-1.09929	0.0313004	1.31053	1.31053	0.719589	0.962144	-1.03935	0.303308	1.1209	1.1209	0.281292	0.887037	-1.12735	0.000740454	1.73061	1.73061	0.633908	1.0527	1.0527	0.34539	0.901201	-1.10963	4.6159	0.837696	0.161316	1
cg11700985	DYDC2	0.0344645	0.177586	0.687887	-1.45373	0.0308496	0.515808	-1.9387	0.0207083	0.483211	-2.06949	0.0722933	0.592304	-1.68832	0.00614671	0.393214	-2.54314	0.0132367	0.44855	-2.22941	0.130106	0.652513	-1.53254	0.53131	0.847405	-1.18007	0.026069	0.501823	-1.99273	3.88875	4.19921	0.959853	1
cg12064929	DYDC2;DYDC1	0.00252473	0.010428	0.35191	-2.84164	0.00352369	0.27766	-3.60153	0.000178623	0.127996	-7.81273	0.0967282	0.554054	-1.80488	0.0219202	0.410472	-2.43622	0.104575	0.56296	-1.77632	0.000762814	0.191733	-5.21559	0.0423811	0.469031	-2.13205	0.412978	0.76257	-1.31136	9.00591	14.9598	1.47654	1
cg11036831	DYDC2;DYDC1	0.00342153	0.0108759	0.598313	-1.67137	0.000201176	2.72413	2.72413	0.1746	0.792975	-1.26107	0.901519	1.02009	1.02009	0.152063	0.781545	-1.27952	0.197764	1.24445	1.24445	0.0310454	0.665879	-1.50177	0.398003	1.14914	1.14914	0.909305	1.01847	1.01847	8.22943	3.36336	0.363288	1
cg11854806	DYDC2;DYDC1	0.00347875	0.000265381	0.0822567	-12.1571	0.00182637	0.176052	-5.68015	0.0391971	2.36494	2.36494	0.714013	0.881705	-1.13417	0.378409	1.36547	1.36547	0.210872	1.58225	1.58225	0.842012	0.934087	-1.07056	0.114951	0.546797	-1.82883	0.113782	0.545477	-1.83326	11.8948	20.9252	1.1728	1
cg25535587	DYDC2;DYDC1	0.00632409	0.0819646	1.24558	1.24558	0.502437	1.08064	1.08064	0.808561	0.972722	-1.02804	0.08315	0.803663	-1.2443	0.714294	0.958971	-1.04278	0.417354	0.909886	-1.09904	0.000120718	0.465142	-2.14988	0.428882	0.912087	-1.09639	0.45745	1.09004	1.09004	6.8272	1.40376	0.182768	1
cg00544337	DYDC2;DYDC1	0.0261246	0.0338224	0.479497	-2.08552	0.367162	0.759737	-1.31625	0.888562	1.04246	1.04246	0.28806	0.720969	-1.38702	0.0307675	0.471177	-2.12235	0.403001	0.775809	-1.28898	0.000829837	0.224734	-4.4497	0.0976039	0.583249	-1.71453	0.0762502	0.557063	-1.79513	4.2909	5.97905	1.2386	1
cg01527459	DYDC2;DYDC1;DYDC2	0.0352819	0.290528	0.855432	-1.169	0.308142	0.860569	-1.16202	0.807725	0.965887	-1.03532	0.895189	1.01894	1.01894	0.896396	0.981625	-1.01872	0.220629	0.83251	-1.20119	0.000460565	0.456197	-2.19203	0.370645	0.877335	-1.13982	0.420585	0.889467	-1.12427	3.85592	1.23751	0.285279	1
cg26177316	DYM	0.00289687	0.0306233	0.514117	-1.94508	0.665792	1.11746	1.11746	0.810831	0.940597	-1.06316	0.215707	0.715112	-1.39838	0.000674862	0.240531	-4.15748	0.0015248	0.290073	-3.44741	0.0363914	0.529391	-1.88896	0.00105364	0.26703	-3.7449	0.10629	1.57862	1.57862	10.1968	10.3063	0.786129	1
cg06208130	DYM	0.00383454	0.0287591	0.580014	-1.7241	0.000277323	0.284612	-3.51355	0.00294571	0.422195	-2.36857	0.0945405	0.678334	-1.4742	0.00417096	0.444498	-2.24973	0.0369721	0.599516	-1.66801	0.00561182	0.463974	-2.15529	0.297042	0.795864	-1.2565	0.0224095	0.561164	-1.78201	7.953	5.61803	0.627914	1
cg12875426	DYM	0.00731624	0.00648294	0.119399	-8.3753	0.0755123	3.28129	3.28129	0.829321	0.878402	-1.13843	0.460045	0.636532	-1.57101	0.0115268	0.14993	-6.66978	0.466141	0.640576	-1.5611	0.00158736	0.0657061	-15.2193	0.00472947	0.105013	-9.52259	0.221638	0.462327	-2.16297	6.52447	37.2683	5.0774	1
cg23865597	DYM	0.0461651	0.0144091	0.102302	-9.77502	0.257264	0.409122	-2.44426	0.108978	0.26678	-3.74841	0.801463	1.20981	1.20981	0.0060745	0.0666564	-15.0023	0.128968	0.289327	-3.45629	0.0348493	0.155811	-6.41802	0.0414767	0.169099	-5.91371	0.141508	0.302679	-3.30383	3.49188	31.6018	8.04452	1
cg19495149	DYM	0.0482743	0.490353	0.767661	-1.30266	0.101056	1.9693	1.9693	0.81374	0.914782	-1.09316	0.20932	1.64771	1.64771	0.144075	0.553083	-1.80805	0.197598	0.598115	-1.67192	0.00365526	0.226848	-4.40823	0.270041	1.54253	1.54253	0.477787	0.761569	-1.31308	3.43356	7.74481	2.00499	1
cg01191964	DYNC1H1	1.03E-05	0.0111866	0.82629	-1.21023	0.0112366	1.21002	1.21002	1.54E-06	0.482369	-2.0731	0.179991	1.08922	1.08922	0.822763	0.986625	-1.01356	0.75954	0.981743	-1.0186	3.43E-06	1.92726	1.92726	0.295464	1.06728	1.06728	0.00304551	0.783775	-1.27588	40.2754	2.29776	0.0507121	1
cg01640443	DYNC1H1	3.99E-05	0.202927	1.18782	1.18782	7.81E-06	3.50819	3.50819	0.000455148	2.02844	2.02844	0.000595346	1.9714	1.9714	0.0318142	0.724553	-1.38016	0.00787166	1.54744	1.54744	0.352709	0.884744	-1.13027	8.04E-06	3.49079	3.49079	0.00474607	1.61645	1.61645	28.258	7.33861	0.230845	1
cg15403660	DYNC1H1	4.75E-05	0.424459	1.13187	1.13187	0.000115086	0.358033	-2.79304	4.72E-06	0.203615	-4.91124	0.706755	0.944222	-1.05907	0.00575096	0.577149	-1.73266	0.000162168	0.376218	-2.65803	0.00521127	0.57132	-1.75033	0.0741848	0.739233	-1.35275	0.00161615	1.98654	1.98654	26.9804	9.85398	0.324646	1
cg16398957	DYNC1H1	0.000145822	0.65712	1.11879	1.11879	0.000312504	0.230241	-4.34328	0.106377	0.642093	-1.55741	0.26946	1.33501	1.33501	2.14E-05	0.116637	-8.57363	0.000951439	0.290126	-3.44678	7.97E-05	0.166854	-5.99326	0.203866	1.40064	1.40064	0.0306343	0.52829	-1.8929	20.0086	20.0045	0.888705	1
cg01109333	DYNC1H1	0.00020585	0.0533027	1.37164	1.37164	1.49E-05	3.64441	3.64441	0.00148378	1.9345	1.9345	0.00384752	1.75188	1.75188	0.774116	0.959426	-1.04229	0.0040722	1.74197	1.74197	0.00820277	1.6272	1.6272	0.00655	1.66265	1.66265	0.00327625	0.561645	-1.78049	18.2281	5.98168	0.291695	1
cg12785276	DYNC1H1	0.00034106	0.432091	1.14325	1.14325	0.0017809	2.10155	2.10155	0.00353135	1.93555	1.93555	0.848457	1.03246	1.03246	0.57605	1.09892	1.09892	1.82E-05	0.232184	-4.30692	0.0147772	1.65019	1.65019	0.978975	1.00441	1.00441	0.861871	1.02951	1.02951	15.8817	7.0128	0.392502	1
cg07581257	DYNC1H1	0.000380125	0.210653	1.30349	1.30349	0.00338392	0.448993	-2.22721	0.0233054	0.579989	-1.72417	0.00271043	0.435023	-2.29873	3.96E-05	0.206065	-4.85284	0.000591978	0.344373	-2.90383	0.364871	1.20574	1.20574	0.0332033	1.64913	1.64913	0.290709	0.802255	-1.24649	15.4151	9.85795	0.568442	1
cg02238526	DYNC1H1	0.000660281	0.00223495	0.269201	-3.71469	0.000144685	7.43427	7.43427	0.00327393	3.41643	3.41643	0.0579383	1.92907	1.92907	0.400627	0.768194	-1.30175	0.0116828	0.380658	-2.62703	0.801497	1.08028	1.08028	0.0936962	1.7595	1.7595	0.0400782	0.483261	-2.06928	13.2255	19.6799	1.32269	1
cg22797490	DYNC1H1	0.000901263	0.467995	1.15746	1.15746	0.000267006	0.305777	-3.27035	0.000851202	0.370601	-2.69832	0.171453	0.749528	-1.33417	0.000592932	0.349844	-2.85842	0.0592041	0.655861	-1.52471	0.300189	1.23689	1.23689	0.00166004	0.410204	-2.43781	0.401286	1.18544	1.18544	12.1179	7.52566	0.552032	1
cg10728902	DYNC1H1	0.00290539	0.00323841	0.447651	-2.23388	0.698344	0.925016	-1.08106	0.0208813	0.573261	-1.74441	0.959581	0.989908	-1.01019	0.0403745	1.60625	1.60625	0.742942	1.06808	1.06808	0.414669	1.18161	1.18161	0.0110285	1.89293	1.89293	0.000679382	0.353688	-2.82735	8.6399	5.48113	0.563909	1
cg06886738	DYNC1H1	0.0031112	0.236396	0.604613	-1.65395	0.00450273	0.215323	-4.64418	0.0628995	2.33642	2.33642	0.159484	0.543514	-1.83988	0.00455963	0.216079	-4.62794	0.0189609	0.315927	-3.16528	0.000247321	0.085914	-11.6395	0.428718	0.720611	-1.38771	0.0558953	0.415454	-2.407	8.46608	22.0541	2.31555	1
cg20060719	DYNC1H1	0.00412399	0.775193	0.980053	-1.02035	0.0961835	1.13718	1.13718	0.0145285	1.23597	1.23597	0.00378644	0.759661	-1.31638	0.923586	0.993272	-1.00677	0.386814	0.939484	-1.06441	0.116786	0.887001	-1.12739	0.090596	1.1402	1.1402	0.00080138	1.42776	1.42776	7.78051	0.610186	0.0697111	1
cg13765417	DYNC1H1	0.00496674	0.0130933	0.509055	-1.96443	0.20202	1.34388	1.34388	0.191536	1.35441	1.35441	0.00124102	0.355056	-2.81646	0.569264	0.881436	-1.13451	0.00605648	0.455446	-2.19565	0.00213085	0.387926	-2.57781	0.645934	0.903487	-1.10682	0.40688	0.830147	-1.20461	7.35356	5.6063	0.677682	1
cg11075415	DYNC1H1	0.00503308	0.142185	1.38909	1.38909	0.00291878	2.34381	2.34381	0.445847	1.1757	1.1757	0.131963	1.40306	1.40306	0.272148	1.26881	1.26881	0.00216681	0.408027	-2.45082	0.0173614	1.82834	1.82834	0.00691401	2.07121	2.07121	0.228101	1.30148	1.30148	7.32384	5.03217	0.610751	1
cg21919445	DYNC1H1	0.00599845	0.0528238	1.70107	1.70107	0.0230962	0.519063	-1.92655	0.621296	0.886745	-1.12772	0.0289878	0.537214	-1.86146	0.328352	0.783863	-1.27573	0.088694	0.635546	-1.57345	0.00020889	0.223679	-4.4707	0.762417	0.929429	-1.07593	0.967347	0.990168	-1.00993	6.93971	6.40364	0.820225	1
cg14839386	DYNC1H1	0.00621123	0.795478	1.07975	1.07975	0.00396293	0.318394	-3.14077	0.00499999	0.333804	-2.99577	0.621414	0.863263	-1.1584	0.827885	1.06643	1.06643	0.0281919	0.465102	-2.15007	0.858656	1.05406	1.05406	0.00853429	0.371088	-2.69478	0.00965508	2.63105	2.63105	6.86536	9.48639	1.22825	1
cg26138746	DYNC1H1	0.00817662	0.558089	1.29826	1.29826	0.0456424	0.364245	-2.7454	0.0170242	0.277429	-3.60452	0.494953	0.736832	-1.35716	0.000220901	0.0664179	-15.0562	0.020942	0.293941	-3.40204	0.247172	0.586697	-1.70446	0.253268	0.591069	-1.69185	0.0613164	0.394901	-2.53228	6.30067	19.38	2.7341	1
cg07096443	DYNC1H1	0.00837807	0.633317	0.96391	-1.03744	0.699057	0.970727	-1.03016	0.28249	1.08916	1.08916	0.936354	0.993911	-1.00613	0.00120435	1.43721	1.43721	0.0293604	1.21685	1.21685	0.0153514	1.25553	1.25553	0.00437203	1.33794	1.33794	0.143905	0.886849	-1.12759	6.25249	0.579206	0.0823432	1
cg21877355	DYNC1H1	0.00994938	0.00302036	0.345088	-2.89781	0.649925	1.12703	1.12703	0.43316	1.23286	1.23286	0.00397295	0.3629	-2.75558	0.276014	1.34524	1.34524	0.98082	0.993728	-1.00631	0.423062	1.23882	1.23882	0.591041	1.15254	1.15254	0.00486939	0.376461	-2.65632	5.92022	6.42274	0.96434	1
cg00994541	DYNC1H1	0.0104642	0.100292	0.770133	-1.29848	0.0195099	1.50611	1.50611	0.123346	1.27397	1.27397	0.0406558	0.70973	-1.40899	0.819485	0.967384	-1.03372	0.0749741	1.33332	1.33332	0.00216877	1.86683	1.86683	0.0990988	1.2999	1.2999	0.0495443	1.38411	1.38411	5.82531	1.94154	0.296261	1
cg13381629	DYNC1H1	0.0133844	0.00909525	0.681609	-1.46712	0.15269	0.83766	-1.1938	0.0642336	1.27187	1.27187	0.0119564	0.695803	-1.43719	0.810563	1.02816	1.02816	0.0784841	0.79769	-1.25362	0.209319	0.858097	-1.16537	0.0392534	1.31768	1.31768	0.0952948	1.23609	1.23609	5.37865	1.13938	0.188296	1
cg15973528	DYNC1H1	0.0140385	0.0197115	0.648616	-1.54174	0.100011	1.31919	1.31919	0.315195	1.17308	1.17308	0.0997098	0.75782	-1.31957	0.956969	0.991741	-1.00833	0.280494	0.841621	-1.18818	0.00282978	1.88128	1.88128	0.0251961	1.50555	1.50555	0.40015	1.14154	1.14154	5.29511	1.98125	0.332593	1
cg12127149	DYNC1H1	0.0146244	0.309715	1.27264	1.27264	0.048353	1.67764	1.67764	0.742224	1.07864	1.07864	0.00204811	2.70885	2.70885	0.358591	1.24174	1.24174	0.0940477	1.52538	1.52538	0.0839969	1.55041	1.55041	0.00086514	3.14794	3.14794	0.386215	1.22597	1.22597	5.22428	4.35244	0.740549	1
cg14465355	DYNC1H1	0.0151771	0.0659233	0.757039	-1.32094	0.207339	1.19647	1.19647	0.00547114	0.610882	-1.63698	0.412545	1.11966	1.11966	0.541753	0.920051	-1.0869	0.314447	1.15066	1.15066	0.00780073	1.5853	1.5853	0.153858	0.813862	-1.22871	0.0636452	0.754807	-1.32484	5.16061	1.48747	0.256208	1
cg04310833	DYNC1H1	0.0165414	0.813924	0.93554	-1.0689	0.613599	0.865981	-1.15476	0.79329	1.07704	1.07704	0.170882	0.662273	-1.50995	0.000213765	0.174228	-5.73959	0.953266	0.983574	-1.0167	0.410825	1.26829	1.26829	0.520018	0.831693	-1.20237	0.502663	0.825101	-1.21197	5.01508	6.34341	1.12433	1
cg11881702	DYNC1H1	0.0176237	0.138073	0.808576	-1.23674	0.0370638	0.724582	-1.38011	0.0495142	1.34746	1.34746	0.134451	1.23956	1.23956	0.325226	1.14474	1.14474	0.251771	1.17271	1.17271	0.00148535	1.84021	1.84021	0.595257	1.07395	1.07395	0.247232	1.17467	1.17467	4.90985	1.3769	0.249276	1
cg11799843	DYNC1H1	0.0193968	0.00413747	1.67965	1.67965	0.00179331	1.82072	1.82072	0.641231	1.06534	1.06534	0.788137	0.964322	-1.037	0.357599	0.880198	-1.13611	0.02971	1.41219	1.41219	0.265543	1.16941	1.16941	0.983606	0.997232	-1.00278	0.486734	1.10001	1.10001	4.7537	1.3697	0.256119	1
cg14851544	DYNC1H1	0.0222925	0.299822	0.564289	-1.77214	0.0132231	5.13171	5.13171	0.285681	1.80487	1.80487	0.0344171	0.26879	-3.72037	0.752752	1.18328	1.18328	0.988984	0.992675	-1.00738	0.00538592	0.142107	-7.03695	0.130628	2.38527	2.38527	0.44869	0.662889	-1.50855	4.53334	20.3608	3.9923	1
cg24034277	DYNC1H1	0.0223655	0.665325	1.24506	1.24506	0.945306	0.966068	-1.03512	?	?	?	0.646079	1.26225	1.26225	0.175893	0.481429	-2.07715	0.0418923	0.299212	-3.34211	0.00158305	0.0886773	-11.2768	0.423058	1.51142	1.51142	0.0238479	0.24771	-4.03698	5.10961	17.8276	3.05291	1
cg04421259	DYNC1H1	0.0233592	0.0216572	0.461858	-2.16517	0.0926971	1.67929	1.67929	0.023059	2.14135	2.14135	0.288344	0.7343	-1.36184	0.404545	0.787445	-1.26993	0.0399934	0.51423	-1.94465	0.573375	1.17282	1.17282	0.07152	1.75744	1.75744	0.0788299	1.72778	1.72778	4.46095	5.54632	1.10516	1
cg14693893	DYNC1H1	0.0249214	0.0950632	1.20459	1.20459	0.899224	1.01275	1.01275	0.0439296	1.26703	1.26703	0.825144	0.978111	-1.02238	0.0274663	1.30714	1.30714	0.724266	1.03608	1.03608	0.0507286	0.796741	-1.25511	0.00766935	0.699847	-1.42888	0.177663	1.15558	1.15558	4.82894	0.748685	0.120588	1
cg26354439	DYNC1H1	0.0249336	0.00166952	0.212809	-4.69906	0.513472	1.25619	1.25619	0.0608186	2.06967	2.06967	0.2563	1.50355	1.50355	0.0295723	0.414075	-2.41502	0.819462	1.08186	1.08186	0.918892	0.96555	-1.03568	0.614476	0.83962	-1.19101	0.366906	0.726856	-1.37579	4.36126	8.18238	1.66769	1
cg21186263	DYNC1H1	0.0249776	0.361211	1.30352	1.30352	0.00591877	2.76407	2.76407	0.322579	1.3345	1.3345	0.280501	1.37273	1.37273	0.130841	0.630832	-1.58521	0.0446764	1.91734	1.91734	0.0127006	2.39799	2.39799	0.0105457	2.48097	2.48097	0.62999	1.14692	1.14692	4.35859	5.50543	1.12278	1
cg14129790	DYNC1H1	0.0274842	0.00861463	0.300995	-3.32231	0.0517688	0.452335	-2.21075	0.222565	0.631658	-1.58313	0.0575366	0.463098	-2.15937	0.0116056	0.322743	-3.09844	0.0657602	0.477095	-2.09602	0.00507375	0.265067	-3.77264	0.2783	0.667613	-1.49787	0.0322266	0.407002	-2.45699	4.21527	8.57589	1.80843	1
cg23874008	DYNC1H1	0.0286765	0.823069	0.972102	-1.0287	0.0748745	1.28485	1.28485	0.246838	1.16532	1.16532	0.0206559	1.42206	1.42206	0.41331	1.11145	1.11145	0.00974023	1.51143	1.51143	0.00235626	1.70926	1.70926	0.216258	1.17869	1.17869	0.804042	0.969079	-1.03191	4.15266	1.0498	0.224714	1
cg23116670	DYNC1H1	0.0330364	0.455951	0.89565	-1.11651	0.00180688	1.90408	1.90408	0.616032	0.929243	-1.07615	0.499936	1.10449	1.10449	0.367912	1.14366	1.14366	0.0118467	1.5778	1.5778	0.0786925	1.32767	1.32767	0.180095	1.22951	1.22951	0.517253	1.09998	1.09998	3.94849	1.31734	0.296561	1
cg20471297	DYNC1H1	0.0336104	0.73036	1.06823	1.06823	0.0100787	1.85785	1.85785	0.642132	1.09339	1.09339	0.250914	1.25715	1.25715	0.0536508	0.658347	-1.51895	0.13115	0.732771	-1.36468	0.00997269	1.8603	1.8603	0.415008	1.17227	1.17227	0.641936	0.914542	-1.09344	3.9241	2.26167	0.512313	1
cg07672479	DYNC1H1	0.034855	0.0140685	0.147671	-6.77179	0.1447	2.62809	2.62809	0.0246163	5.35938	5.35938	0.920028	0.940574	-1.06318	0.955302	0.966385	-1.03478	0.294482	1.94839	1.94839	0.0393207	4.42991	4.42991	0.83847	1.13263	1.13263	0.0554454	0.259084	-3.85975	4.24642	24.5004	4.48751	1
cg15471786	DYNC1H1	0.0361045	0.827829	1.04177	1.04177	0.552507	0.89324	-1.11952	0.121692	1.37056	1.37056	0.0524604	1.51333	1.51333	0.706831	1.07357	1.07357	0.146213	1.34051	1.34051	0.00203819	2.26365	2.26365	0.733329	1.06636	1.06636	0.0996345	0.712444	-1.40362	3.82381	2.13766	0.496925	1
cg15441556	DYNC1H1	0.0394944	0.197568	1.21309	1.21309	0.134722	1.25698	1.25698	0.177894	1.22513	1.22513	0.747748	1.04683	1.04683	0.0330679	0.702268	-1.42396	0.00247579	1.81611	1.81611	0.446136	1.11644	1.11644	0.78558	1.03943	1.03943	0.931153	0.98782	-1.01233	3.70042	1.17885	0.283175	1
cg19583407	DYNC1H1	0.039972	0.499451	1.09651	1.09651	0.0266992	1.42313	1.42313	0.0418762	1.37048	1.37048	0.798452	1.03499	1.03499	0.0103297	0.647776	-1.54374	0.390886	0.888566	-1.12541	0.218509	0.840352	-1.18998	0.256995	1.17232	1.17232	0.369388	0.883478	-1.13189	3.68409	1.05378	0.254255	1
cg07945906	DYNC1H1	0.0453162	0.487481	0.912865	-1.09545	0.200811	1.19079	1.19079	0.917767	0.986742	-1.01344	0.193866	0.837229	-1.19442	0.0868941	0.783211	-1.27679	0.0122534	0.668147	-1.49668	0.706293	1.05014	1.05014	0.0164236	0.684566	-1.46078	0.113931	1.24889	1.24889	3.51629	0.930164	0.235138	1
cg15479741	DYNC1H1	0.0488255	0.573178	0.837738	-1.19369	0.666158	0.87372	-1.14453	0.286328	1.4111	1.4111	0.11969	0.591494	-1.69063	0.00478928	0.312092	-3.20419	0.305994	0.719182	-1.39047	0.116338	1.70018	1.70018	0.095652	1.76698	1.76698	0.382355	0.756817	-1.32132	3.41884	5.23764	1.36177	1
cg23568912	DYNC1H1;DYNC1H1	5.30E-06	0.0272437	0.502528	-1.98994	0.000231834	4.99757	4.99757	7.82E-05	6.56549	6.56549	0.000732268	0.25882	-3.86369	8.74E-07	0.0319531	-31.2958	1.49E-05	0.0937693	-10.6645	0.822035	1.06112	1.06112	0.202445	1.42529	1.42529	0.64299	1.13079	1.13079	47.7997	52.4976	0.976251	1
cg09136052	DYNC1I1;DYNC1I1;DYNC1I1	4.67E-05	0.0020394	0.197432	-5.06504	0.0560085	0.445899	-2.24266	0.000121432	0.0817247	-12.2362	0.26541	0.648529	-1.54195	1.70E-05	0.0371632	-26.9083	0.143484	0.556242	-1.79778	1.40E-05	0.0340694	-29.3519	1.62E-05	0.0362939	-27.5528	0.361345	0.70461	-1.41923	27.1112	59.7793	1.95997	1
cg18032014	DYNC1I1;DYNC1I1;DYNC1I1	0.000111844	0.227577	1.18509	1.18509	0.745895	0.957343	-1.04456	0.0911696	1.28332	1.28332	1.14E-05	3.48673	3.48673	0.261851	1.16984	1.16984	0.0594066	1.33017	1.33017	0.367329	1.13219	1.13219	5.42E-06	3.97286	3.97286	0.038838	1.37809	1.37809	21.4868	6.11705	0.253056	1
cg06779248	DYNC1I1;DYNC1I1;DYNC1I1	0.000207532	0.188844	1.35787	1.35787	0.925392	0.979628	-1.0208	0.825011	1.04987	1.04987	0.154456	0.715377	-1.39786	0.000329296	0.279577	-3.57684	0.00616648	0.456094	-2.19253	0.00585912	2.2092	2.2092	1.96E-05	6.70145	6.70145	0.756565	0.933951	-1.07072	18.1879	13.9101	0.679822	1
cg23381232	DYNC1I1;DYNC1I1;DYNC1I1	0.000312087	0.103793	0.622595	-1.60618	0.405895	1.25422	1.25422	0.158994	0.669642	-1.49333	6.55E-06	0.0690634	-14.4795	0.228729	0.714263	-1.40004	0.0284278	0.502081	-1.99171	0.0298441	0.50616	-1.97566	0.00494155	2.69574	2.69574	0.61829	1.14318	1.14318	16.2732	18.2894	0.99902	1
cg18450582	DYNC1I1;DYNC1I1;DYNC1I1	0.00181625	0.0339614	0.109368	-9.14347	0.0600488	0.150103	-6.66208	0.00706074	0.0444804	-22.4818	0.473693	0.52129	-1.91832	0.000477174	0.00742942	-134.6	?	?	?	0.000543543	0.00818436	-122.184	0.00103276	0.0129609	-77.155	0.0592668	0.149014	-6.7108	10.144	114.135	11.2515	1
cg07956003	DYNC1I1;DYNC1I1;DYNC1I1	0.00347383	0.404208	1.26018	1.26018	0.000142202	0.169026	-5.91626	0.704998	1.10855	1.10855	0.0116252	0.425444	-2.35049	0.00711983	0.389898	-2.56477	0.664322	0.888429	-1.12558	0.201399	1.44131	1.44131	0.180157	0.680014	-1.47056	0.604469	1.1521	1.1521	8.19218	9.52478	1.03348	1
cg10281478	DYNC1I1;DYNC1I1;DYNC1I1	0.00479872	0.854397	1.03975	1.03975	0.706115	0.922771	-1.08369	0.557164	1.13425	1.13425	0.00601416	2.14161	2.14161	0.176213	0.737058	-1.35674	0.869534	1.03549	1.03549	0.338262	0.811036	-1.23299	0.000165535	3.90318	3.90318	0.0535951	1.59212	1.59212	7.43111	5.29808	0.633742	1
cg07732116	DYNC1I1;DYNC1I1;DYNC1I1	0.00597171	0.551562	0.935519	-1.06893	0.223294	1.1521	1.1521	0.0101116	0.698338	-1.43197	0.521245	1.07459	1.07459	0.93599	0.991152	-1.00893	0.808384	1.02725	1.02725	0.000179758	0.495725	-2.01725	0.0549909	0.786019	-1.27223	0.632238	1.0548	1.0548	6.94929	1.34754	0.172365	1
cg23975973	DYNC1I1;DYNC1I1;DYNC1I1	0.00906381	0.00740701	0.184244	-5.42759	0.0366673	0.304124	-3.28813	0.105116	0.419694	-2.38269	0.0303085	0.286935	-3.48511	0.0116761	0.213283	-4.6886	0.0193501	0.249901	-4.00158	0.00166805	0.110294	-9.06665	0.0030558	0.136818	-7.30896	0.0656532	0.363178	-2.75347	6.09868	23.2195	3.38427	1
cg03386480	DYNC1I1;DYNC1I1;DYNC1I1	0.00907401	0.00861095	0.565429	-1.76857	0.332838	1.18532	1.18532	0.384993	0.859347	-1.16367	0.418291	0.868699	-1.15115	0.0788907	1.39386	1.39386	0.462515	1.13574	1.13574	0.0478284	0.680402	-1.46972	0.0828766	0.721209	-1.38656	0.000783068	0.42131	-2.37355	6.09651	2.7966	0.407753	1
cg12661206	DYNC1I1;DYNC1I1;DYNC1I1	0.0119847	0.439947	0.801758	-1.24726	0.0198208	2.20149	2.20149	0.00102666	3.91559	3.91559	0.780564	1.08149	1.08149	0.258248	0.718259	-1.39226	0.153453	0.651308	-1.53537	0.0303321	0.489585	-2.04254	0.911512	1.03168	1.03168	0.769665	0.920933	-1.08586	5.5758	6.9494	1.10787	1
cg17889682	DYNC1I1;DYNC1I1;DYNC1I1	0.016089	0.844857	0.932974	-1.07184	0.0187854	2.7406	2.7406	0.102576	1.88242	1.88242	0.0139194	2.9325	2.9325	0.447857	0.760388	-1.31512	0.921668	1.03544	1.03544	0.621249	0.838313	-1.19287	0.00108227	5.52099	5.52099	0.111532	1.84741	1.84741	5.06164	10.0527	1.76539	1
cg11945022	DYNC1I1;DYNC1I1;DYNC1I1	0.0175067	0.522857	0.801215	-1.2481	0.00331862	0.254488	-3.92946	0.0165578	0.367221	-2.72315	0.0358405	0.43356	-2.30648	0.00780672	0.310752	-3.218	0.755619	1.11277	1.11277	0.155569	1.68211	1.68211	0.129411	0.570788	-1.75196	0.320678	0.703869	-1.42072	4.92084	9.12839	1.64893	1
cg26745402	DYNC1I1;DYNC1I1;DYNC1I1	0.0287622	0.284254	0.84094	-1.18915	0.412652	1.13933	1.13933	0.264069	0.834191	-1.19877	0.302635	0.8468	-1.18092	0.413562	0.877943	-1.13903	0.737488	0.948961	-1.05378	0.000402928	0.416366	-2.40173	0.529089	0.90547	-1.1044	0.759871	0.953379	-1.0489	4.14829	1.59338	0.341426	1
cg00859481	DYNC1I1;DYNC1I1;DYNC1I1	0.0384588	0.324219	0.798223	-1.25278	0.207026	0.744859	-1.34254	0.444794	0.841614	-1.18819	0.308486	1.26279	1.26279	0.119018	0.687612	-1.45431	0.237638	0.760454	-1.315	0.00143684	0.360563	-2.77344	0.169428	1.38267	1.38267	0.497997	0.858743	-1.16449	3.73668	2.89987	0.689827	1
cg26224781	DYNC1I1;DYNC1I1;DYNC1I1	0.0451273	0.016886	0.396519	-2.52195	0.323604	0.723573	-1.38203	0.00896153	0.348214	-2.8718	0.108332	0.573528	-1.74359	0.0780921	0.537255	-1.86131	0.672574	0.873796	-1.14443	0.0597959	0.509629	-1.96221	0.459203	1.27021	1.27021	0.0232329	0.422739	-2.36552	3.5218	5.61814	1.418	1
cg08164617	DYNC1I1;DYNC1I1;DYNC1I1;DYNC1I1;DYNC1I1;DYNC1I1	0.0466226	0.0566021	1.63792	1.63792	0.508435	0.857798	-1.16578	0.924585	0.978584	-1.02188	0.010027	0.475593	-2.10264	0.472042	1.18206	1.18206	0.204852	0.736476	-1.35782	0.03454	0.569158	-1.75698	0.135917	1.444	1.444	0.619503	1.12126	1.12126	3.47896	2.88052	0.735985	1
cg10810078	DYNC1I2	0.00475381	0.269855	1.24509	1.24509	0.0027424	2.20046	2.20046	0.00115112	2.4878	2.4878	0.122519	1.37611	1.37611	0.462374	0.866988	-1.15342	0.23184	1.27028	1.27028	0.00697734	0.513876	-1.94599	0.0438178	1.55588	1.55588	0.283984	1.23658	1.23658	7.45242	4.29596	0.512402	1
cg07989678	DYNC1I2	0.00909951	0.39128	1.20819	1.20819	0.0480699	0.614782	-1.62659	0.0113389	0.505298	-1.97903	0.124991	1.42983	1.42983	0.136829	1.41207	1.41207	0.0062681	2.15291	2.15291	0.00717354	2.11146	2.11146	0.211373	1.32776	1.32776	0.117444	1.44212	1.44212	6.09107	4.47202	0.652616	1
cg11046380	DYNC1I2	0.0262932	0.53698	0.83028	-1.20441	0.0703859	0.547879	-1.82522	0.142312	1.59882	1.59882	0.854093	0.946704	-1.0563	0.0656604	1.84888	1.84888	0.0582584	1.89025	1.89025	0.675803	0.882384	-1.13329	0.00195971	3.67771	3.67771	0.39915	1.29279	1.29279	4.28126	6.00171	1.24609	1
cg11605617	DYNC1LI1	0.00250263	0.176087	1.82193	1.82193	0.0063772	4.62139	4.62139	0.00272785	6.06439	6.06439	0.145425	0.520479	-1.92131	0.001037	0.117376	-8.51961	0.877223	0.93812	-1.06596	?	?	?	0.828502	1.09379	1.09379	0.0225019	0.312846	-3.19646	10.9106	25.6639	2.05818	1
cg15500862	DYNC1LI1	0.00907232	0.0802013	0.764926	-1.30732	0.0187331	1.48189	1.48189	0.695209	1.05587	1.05587	0.286009	0.858145	-1.1653	0.377208	0.882405	-1.13327	0.00167236	0.537654	-1.85993	0.0608201	1.33881	1.33881	0.0215543	1.46386	1.46386	0.879528	1.02116	1.02116	6.09687	1.84067	0.268359	1
cg24570716	DYNC1LI1	0.011986	0.615953	1.12842	1.12842	0.00135038	0.328854	-3.04087	0.00372627	0.392234	-2.5495	0.84503	1.04786	1.04786	0.0861091	0.635682	-1.57311	0.93935	1.01835	1.01835	0.0637839	1.64513	1.64513	0.504842	0.850723	-1.17547	0.688091	1.10121	1.10121	5.5756	5.03994	0.80349	1
cg06300141	DYNC1LI1	0.016975	0.142001	1.55976	1.55976	0.063586	1.79911	1.79911	0.466568	1.23198	1.23198	0.00207517	0.295014	-3.38967	0.250073	0.712877	-1.40277	0.0196929	0.452375	-2.21056	0.461403	1.23508	1.23508	0.844482	0.9462	-1.05686	0.193677	1.47293	1.47293	4.97193	6.24334	1.11619	1
cg16994446	DYNC1LI1	0.0214514	0.00209995	0.466016	-2.14585	0.0457515	0.667539	-1.49804	0.407313	1.16135	1.16135	0.283834	1.21712	1.21712	0.433275	0.868391	-1.15155	0.0221439	0.616261	-1.62269	0.196992	0.786074	-1.27215	0.321112	0.834518	-1.1983	0.0196834	0.60823	-1.64411	4.59351	2.26565	0.438426	1
cg09552277	DYNC1LI1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16678014	DYNC1LI1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03287633	DYNC2H1;DYNC2H1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02474625	DYNC2H1;DYNC2H1	0.00201254	0.00349299	0.231719	-4.31557	0.00624609	3.72501	3.72501	0.0301639	2.56183	2.56183	0.319793	1.46135	1.46135	0.000593514	0.141309	-7.07669
cg11752440	DYNC2H1;DYNC2H1	0.00249813	0.00101549	0.766351	-1.30488	0.316152	0.94499	-1.05821	0.00340158	1.2428	1.2428	0.358199	1.05294	1.05294	0.00248821	1.25797	1.25797
cg15172785	DYNC2H1;DYNC2H1	0.00772944	0.0308518	0.445274	-2.24581	0.0689046	0.52224	-1.91483	0.0247526	0.426117	-2.34677	0.123043	0.586749	-1.70431	0.00392662	0.289816	-3.45046
cg19974599	DYNC2H1;DYNC2H1	0.0186487	0.391461	1.12676	1.12676	0.640695	1.06598	1.06598	0.446697	0.899945	-1.11118	0.157746	1.22791	1.22791	0.278346	1.16558	1.16558
cg01989857	DYNC2LI1;DYNC2LI1;DYNC2LI1	8.26E-05	?	?	?	0.0975762	0.620448	-1.61174	0.551241	0.853592	-1.17152	0.00161341	0.305083	-3.2778	1.40E-06	0.0395849	-25.2621
cg14120336	DYNC2LI1;DYNC2LI1;DYNC2LI1	0.0237619	0.686088	0.917293	-1.09016	0.0748776	1.52424	1.52424	0.0835329	1.50225	1.50225	0.804719	1.05404	1.05404	0.891933	0.971533	-1.0293
cg14274759	DYNC2LI1;DYNC2LI1;DYNC2LI1	0.0402859	0.657909	0.905224	-1.1047	0.939125	0.983079	-1.01721	0.143003	1.42152	1.42152	0.792775	0.942869	-1.06059	0.0623019	0.625714	-1.59817
cg09098756	DYNLL1;DYNLL1;DYNLL1	0.000329191	0.0314646	0.733762	-1.36284	0.682052	0.950716	-1.05184	0.713355	1.04631	1.04631	0.0786463	0.786904	-1.2708	0.821047	0.972584	-1.02819
cg18168387	DYNLL1;DYNLL1;DYNLL1	0.000374117	0.101398	0.738199	-1.35465	0.622775	1.08753	1.08753	0.917212	0.982557	-1.01775	0.315436	0.838895	-1.19204	0.723918	1.06186	1.06186
cg01168339	DYNLL1;DYNLL1;DYNLL1	0.000938112	0.0851048	0.722637	-1.38382	0.256612	1.2239	1.2239	0.0646462	1.42495	1.42495	0.996522	1.00074	1.00074	0.000293223	0.365343	-2.73715
cg00019085	DYNLL1;DYNLL1;DYNLL1	0.00500089	0.072494	0.695396	-1.43803	0.00185679	0.449028	-2.22703	0.599046	0.908307	-1.10095	0.18855	1.28729	1.28729	0.340478	0.836883	-1.19491
cg19946631	DYNLL1;DYNLL1;DYNLL1	0.0102477	0.0972816	0.614711	-1.62678	0.160767	1.49273	1.49273	0.0739758	0.587128	-1.70321	0.953408	0.984497	-1.01575	0.0346289	0.51752	-1.93229
cg14069214	DYNLL1;DYNLL1;DYNLL1	0.0126062	0.140623	0.557763	-1.79288	0.331555	1.44629	1.44629	0.105297	0.521075	-1.91911	0.175636	0.588342	-1.69969	0.103069	0.518486	-1.92869
cg19475930	DYNLL1;SFRS9	0.00112608	0.351351	0.82531	-1.21167	0.00110718	2.61763	2.61763	0.913144	0.978396	-1.02208	0.0697043	0.666278	-1.50088	0.911516	1.0225	1.0225
cg27195719	DYNLL2	0.00337931	0.0204821	0.578878	-1.72748	0.090188	1.44135	1.44135	0.124782	1.38449	1.38449	0.00437665	2.10667	2.10667	0.000863481	0.375629	-2.6622
cg17410625	DYNLL2	0.00496317	0.318133	0.751101	-1.33138	0.0233224	2.1209	2.1209	0.142024	1.54941	1.54941	0.805271	1.07092	1.07092	0.378969	0.778516	-1.28449
cg07056057	DYNLL2	0.00546252	0.00302414	0.338343	-2.95558	0.467649	0.821145	-1.21781	0.00329627	0.343879	-2.908	0.765558	0.92336	-1.083	0.000342073	0.21489	-4.65354
cg05823643	DYNLL2	0.00890677	0.967375	0.990134	-1.00996	0.440513	1.2101	1.2101	0.0590154	0.596373	-1.6768	0.353177	1.26062	1.26062	0.893104	0.967931	-1.03313
cg12314510	DYNLL2	0.00916358	?	?	?	0.145509	3.15468	3.15468	0.166657	0.338668	-2.95274	?	?	?	0.127472	0.29735	-3.36304
cg21622464	DYNLL2	0.0106306	0.281824	0.574803	-1.73972	0.00704943	5.60858	5.60858	0.0188437	4.0899	4.0899	0.0648617	2.7912	2.7912	0.106928	0.418391	-2.39011
cg16549766	DYNLL2	0.0254953	0.112879	0.853022	-1.1723	0.0415999	0.805397	-1.24162	0.574291	0.949057	-1.05368	0.90661	0.989247	-1.01087	0.426513	0.927932	-1.07767
cg06488395	DYNLL2;DYNLL2	0.000866321	0.967664	0.994876	-1.00515	0.0323798	0.727976	-1.37367	0.507255	0.918271	-1.089	0.0808432	0.782433	-1.27807	5.67E-05	0.387723	-2.57916
cg03552151	DYNLRB1	0.000114497	0.396326	1.23172	1.23172	7.75E-05	5.56603	5.56603	0.0135	0.480142	-2.08272	0.00285702	2.67746	2.67746	0.00442184	2.48804	2.48804
cg06217245	DYNLRB1	0.000796369	0.00151342	0.311732	-3.20789	0.157598	1.47033	1.47033	0.72932	1.09266	1.09266	0.000573176	3.89662	3.89662	0.683138	0.9006	-1.11037
cg21859623	DYNLRB1	0.00502055	0.0697592	0.608661	-1.64295	0.0930185	1.57209	1.57209	0.891988	0.967286	-1.03382	0.00118655	3.20221	3.20221	0.0411527	0.5617	-1.78031
cg13789523	DYNLRB1;DYNLRB1	0.0390167	0.0688557	0.761903	-1.3125	0.0656836	1.31766	1.31766	0.645485	1.06382	1.06382	0.00507461	1.6401	1.6401	0.108693	1.26323	1.26323
cg03640883	DYNLRB2	1.32E-05	0.000350282	0.309282	-3.2333	1.83E-05	0.167799	-5.95953	0.00105293	0.371697	-2.69036	0.0692642	1.51448	1.51448	1.19E-05	0.150914	-6.6263
cg07070273	DYNLRB2	3.39E-05	0.401771	0.878488	-1.13832	0.077176	0.743309	-1.34534	2.40E-06	0.177301	-5.64011	5.78E-06	0.214304	-4.66627	0.0012102	0.488998	-2.045
cg07732115	DYNLRB2	0.0385597	0.1021	0.687217	-1.45515	0.0886903	0.674561	-1.48245	0.0766857	1.51102	1.51102	0.651933	1.09988	1.09988	0.00360192	0.437682	-2.28476
cg23488616	DYNLT1	0.00128778	0.0558602	0.815392	-1.2264	0.00248665	0.672955	-1.48598	0.396946	1.08515	1.08515	0.00664678	0.717608	-1.39352	0.00041687	0.590171	-1.69442
cg11760982	DYNLT1	0.0014491	0.0102227	0.290798	-3.43881	0.0662598	2.16144	2.16144	4.25E-05	0.0410222	-24.377	0.248813	0.640184	-1.56205	0.909318	0.958992	-1.04276
cg06138710	DYNLT1	0.00518891	0.0151317	0.603947	-1.65577	0.0173511	0.612914	-1.63155	0.0070859	0.55551	-1.80015	0.339539	0.846779	-1.18095	0.000683339	0.416193	-2.40273
cg09221326	DYNLT1	0.006617	0.00442048	0.686077	-1.45756	0.240733	0.885322	-1.12953	0.00206422	1.53776	1.53776	0.0410015	0.791459	-1.26349	0.854488	0.981958	-1.01837
cg13183694	DYNLT1	0.0133612	0.00771528	0.35439	-2.82175	0.110957	0.59079	-1.69265	0.439997	1.26957	1.26957	0.173263	0.644575	-1.55141	0.00508379	0.325514	-3.07206
cg11970480	DYNLT1	0.0208324	0.171835	0.78777	-1.26941	0.000532674	2.42138	2.42138	0.966472	0.99313	-1.00692	0.96271	0.992361	-1.0077	0.0616522	1.4123	1.4123
cg00817749	DYNLT3	0.00206486	0.0224657	0.570824	-1.75185	0.132412	0.716784	-1.39512	0.0143448	0.538444	-1.8572	0.357573	0.823637	-1.21413	0.000834045	0.35655	-2.80466
cg12526869	DYNLT3	0.0404861	0.0201882	0.08454	-11.8287	0.157981	0.264155	-3.78566	0.32988	0.412002	-2.42718	0.511259	1.79959	1.79959	0.0639773	0.159458	-6.27126
cg21407839	DYRK1A	0.000906805	3.94E-05	0.0909938	-10.9898	0.233295	0.683248	-1.4636	0.730952	0.90014	-1.11094	0.894064	0.960206	-1.04144	0.347964	1.34249	1.34249
cg00746338	DYRK1A	0.01751	0.0246387	0.577813	-1.73066	0.0833877	1.48117	1.48117	0.0207448	1.76949	1.76949	0.597473	0.896529	-1.11541	0.00333592	0.440934	-2.26791
cg05263790	DYRK1A	0.02972	0.0272627	0.522033	-1.91559	0.209729	0.724101	-1.38102	0.145119	1.46701	1.46701	0.718674	0.91605	-1.09164	0.475148	0.838311	-1.19288
cg16320339	DYRK1A	0.0331284	0.0374372	0.711638	-1.40521	0.0905228	0.768944	-1.30048	0.111277	0.783192	-1.27683	0.0199397	0.673172	-1.4855	0.0312978	0.700542	-1.42747
cg18779060	DYRK1A	0.0447076	0.631883	0.960523	-1.0411	0.202604	1.11879	1.11879	0.237595	1.10876	1.10876	0.128472	0.871874	-1.14695	0.177565	1.12701	1.12701
cg01619796	DYRK1A;DYRK1A	0.0369137	0.0120152	0.337347	-2.9643	0.165062	0.598311	-1.67137	0.165313	0.598517	-1.6708	0.327888	0.704484	-1.41948	0.0166763	0.362869	-2.75581
cg21505925	DYRK1A;DYRK1A;DYRK1A;DYRK1A;DYRK1A	0.0458063	0.054663	1.97379	1.97379	0.00455911	3.24949	3.24949	0.0228273	2.33906	2.33906	0.961006	1.01537	1.01537	0.759251	1.10064	1.10064
cg07638797	DYRK1A;DYRK1A;DYRK1A;DYRK1A;DYRK1A;DYRK1A	0.0100939	0.961879	0.99198	-1.00808	0.0134246	0.597055	-1.67489	0.092195	0.731789	-1.36651	0.0745404	1.39751	1.39751	0.408298	1.15314	1.15314
cg18851831	DYRK1B;DYRK1B;DYRK1B	2.76E-09	0.45734	0.954967	-1.04716	4.52E-08	3.20461	3.20461	3.13E-11	18.4234	18.4234	0.0685785	0.883281	-1.13214	0.000784785	1.3622	1.3622
cg13444131	DYRK1B;DYRK1B;DYRK1B	0.000968974	0.312486	0.840042	-1.19042	0.0191151	1.60502	1.60502	0.0331655	1.51505	1.51505	0.972946	0.994358	-1.00567	0.000168935	0.34382	-2.9085
cg22016724	DYRK1B;DYRK1B;DYRK1B	0.00123175	0.000334861	0.171361	-5.83565	0.00275195	0.283732	-3.52445	0.078866	0.551552	-1.81307	0.219115	0.674308	-1.483	0.690288	0.885037	-1.1299
cg17775332	DYRK1B;DYRK1B;DYRK1B	0.00417225	0.437369	1.37921	1.37921	0.0161783	3.29991	3.29991	0.000276031	11.205	11.205	0.754546	0.880488	-1.13573	0.0518612	0.407455	-2.45426
cg18036710	DYRK1B;DYRK1B;DYRK1B	0.00517573	0.826444	0.937586	-1.06657	0.0273118	2.15204	2.15204	0.00168353	3.73446	3.73446	0.441608	0.794311	-1.25895	0.500258	1.22239	1.22239
cg18763720	DYRK1B;DYRK1B;DYRK1B	0.00859527	0.610097	0.676696	-1.47777	0.272642	2.37982	2.37982	0.000775245	47.6042	47.6042	0.471687	1.74359	1.74359	0.019864	0.118235	-8.45775
cg15475080	DYRK1B;DYRK1B;DYRK1B;DYRK1B;DYRK1B;DYRK1B	4.01E-05	0.0076083	0.780057	-1.28196	0.193988	1.10457	1.10457	1.91E-05	1.87548	1.87548	0.342359	1.07337	1.07337	0.162188	0.897622	-1.11405
cg17648878	DYRK2;DYRK2	0.00413932	0.490073	0.860872	-1.16161	0.00332106	2.34977	2.34977	0.000855996	2.91587	2.91587	0.205039	1.33073	1.33073	0.00469205	0.44797	-2.23229
cg11022791	DYRK2;DYRK2	0.0051644	0.33708	0.814312	-1.22803	0.143067	1.38632	1.38632	0.592559	1.11864	1.11864	0.0139527	1.87805	1.87805	0.00251511	0.418596	-2.38894
cg09135343	DYRK2;DYRK2	0.0225756	0.113006	0.304226	-3.28703	0.901519	1.08916	1.08916	0.767272	0.81486	-1.2272	0.281576	2.16414	2.16414	0.00488496	0.0762616	-13.1128
cg02855883	DYRK2;DYRK2	0.0318871	0.124739	1.4328	1.4328	0.0143467	1.9217	1.9217	0.0307207	1.73184	1.73184	0.0409205	1.66623	1.66623	0.039812	0.597944	-1.6724
cg18125073	DYRK2;DYRK2	0.0400423	0.189298	0.481117	-2.07849	0.0678502	2.93341	2.93341	0.687181	0.808159	-1.23738	0.649974	0.786328	-1.27173	0.00635046	0.154227	-6.48396
cg19667304	DYRK2;DYRK2	0.0459361	0.0301745	0.506083	-1.97596	0.196211	0.694115	-1.44068	0.104599	0.622546	-1.60631	0.23965	0.719671	-1.38952	0.0944373	0.611914	-1.63422
cg16575248	DYRK3;DYRK3	5.20E-05	2.09E-05	0.112233	-8.91	0.0109209	2.114	2.114	0.0245871	1.86236	1.86236	0.00362199	0.392767	-2.54604	?	?	?
cg09224523	DYRK3;DYRK3	0.00562473	0.285984	1.31557	1.31557	0.591216	1.14362	1.14362	0.155218	0.686275	-1.45714	0.138969	1.4832	1.4832	0.0510447	1.73331	1.73331
cg09328024	DYRK3;DYRK3	0.0326897	0.331786	0.714813	-1.39897	0.013808	2.77434	2.77434	0.62227	1.18116	1.18116	0.0141184	2.7611	2.7611	0.0927734	0.537852	-1.85925
cg08977032	DYRK4	0.00328653	0.0137943	0.600488	-1.66531	0.00157852	0.467534	-2.13888	0.217253	0.80452	-1.24298	0.500173	0.891663	-1.1215	0.0169695	1.62878	1.62878
cg09581911	DYRK4	0.00339824	0.0932223	0.777582	-1.28604	0.0386274	1.38587	1.38587	0.774005	0.961537	-1.04	0.0171824	0.673295	-1.48523	0.05121	0.73899	-1.3532
cg06270401	DYRK4	0.00840141	0.00204904	0.362187	-2.761	0.719498	0.919154	-1.08796	0.749906	1.07762	1.07762	0.0482942	0.590074	-1.6947	0.0147787	0.495981	-2.0162
cg01218945	DYRK4	0.0277844	0.0303249	0.503847	-1.98473	0.00289777	3.01137	3.01137	0.0874615	0.601732	-1.66187	0.541782	0.846807	-1.18091	0.613346	1.14704	1.14704
cg03886523	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	1.87E-05	0.000400222	0.391982	-2.55114	0.315259	0.841411	-1.18848	1.29E-05	0.217916	-4.58893	0.231693	0.811724	-1.23195	2.56E-06	0.151125	-6.61704
cg14958017	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.000576433	0.0550848	0.65593	-1.52455	1.92E-05	5.38064	5.38064	0.192121	1.30696	1.30696	0.829904	1.0426	1.0426	0.0169441	1.75894	1.75894
cg15491567	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.00979139	0.0165252	0.479721	-2.08455	0.191384	0.70683	-1.41477	0.0167969	0.480971	-2.07913	0.0842647	1.61461	1.61461	0.0593276	0.586265	-1.70571
cg18186672	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0135971	0.0553819	0.67339	-1.48502	0.59156	0.906076	-1.10366	0.00672331	0.527309	-1.89642	0.862966	0.969032	-1.03196	0.0196644	1.67054	1.67054
cg15294851	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0217723	0.028789	0.387439	-2.58105	0.009098	0.295622	-3.3827	0.284124	0.664197	-1.50558	0.0269437	0.381581	-2.62068	0.0366191	0.409406	-2.44256
cg17415947	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0440076	0.0110119	0.480498	-2.08118	0.0192888	0.521836	-1.91631	0.0739747	0.632778	-1.58033	0.164808	1.40571	1.40571	0.0736033	0.632321	-1.58147
cg16354502	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.000514376	0.61637	1.07218	1.07218	0.57905	0.925593	-1.08039	4.60E-05	0.345697	-2.89271	0.175703	1.21977	1.21977	0.126829	0.796246	-1.25589
cg13066889	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.000755936	0.0110543	0.49178	-2.03343	0.00465211	0.43247	-2.3123	0.107815	0.676523	-1.47815	0.95172	1.01358	1.01358	0.00204397	0.379861	-2.63254
cg14689456	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0052488	0.2267	1.29653	1.29653	0.0751798	0.666722	-1.49988	0.00557288	0.474772	-2.10627	0.8933	0.972916	-1.02784	0.00107401	0.372182	-2.68686
cg00477086	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.00698367	0.0146373	0.586323	-1.70554	0.392032	0.855772	-1.16854	0.000279683	0.34802	-2.87339	0.00800446	0.546832	-1.82871	0.011223	0.568765	-1.7582
cg03135061	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.00722577	0.0578836	0.402235	-2.48611	0.0468035	2.62943	2.62943	0.00071285	8.92884	8.92884	0.707226	0.851922	-1.17382	0.166474	0.534386	-1.87131
cg07138437	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.00756539	0.309099	0.633618	-1.57824	0.246704	1.69063	1.69063	0.0358691	0.347029	-2.8816	0.0400533	2.79716	2.79716	0.0187795	0.291055	-3.43578
cg26787256	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0204728	0.873751	1.03938	1.03938	0.0205485	1.96939	1.96939	0.853618	1.04588	1.04588	0.6539	0.896179	-1.11585	0.00205384	0.348248	-2.87152
cg01407254	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0235147	0.402465	0.48583	-2.05833	0.0113613	14.4404	14.4404	0.649595	0.680205	-1.47014	0.0909311	4.80156	4.80156	0.0159604	0.0832499	-12.012
cg06875255	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0427012	0.285715	0.631827	-1.58271	0.0175659	3.30877	3.30877	0.382792	0.690301	-1.44864	0.205023	1.73975	1.73975	0.0377819	0.368757	-2.71181
cg02408850	DYSFIP1	3.16E-05	2.22E-05	0.337343	-2.96434	0.000243962	0.461055	-2.16894	0.310433	1.14339	1.14339	0.000347296	0.479699	-2.08464	1.31E-05	0.311182	-3.21355
cg21320221	DYSFIP1	0.000946884	0.0543801	0.715553	-1.39752	0.017929	0.643356	-1.55435	0.0269838	0.669271	-1.49416	0.00070263	0.452905	-2.20797	0.0628857	0.725531	-1.3783
cg26657725	DYSFIP1	0.0033489	0.0507322	0.61887	-1.61585	0.0152979	0.526301	-1.90005	0.0542936	0.624516	-1.60124	0.078898	0.656647	-1.52289	0.000159825	0.248912	-4.01749
cg01847062	DYSFIP1	0.00386691	0.834893	1.03259	1.03259	0.395047	1.14373	1.14373	0.625211	0.927081	-1.07865	0.333667	0.857352	-1.16638	0.000166402	0.34018	-2.93962
cg12008350	DYSFIP1	0.0144361	0.101141	0.689846	-1.4496	0.00387196	0.447219	-2.23604	0.0128748	0.527961	-1.89408	0.819677	0.953873	-1.04836	0.0315457	0.593632	-1.68455
cg02862897	DYSFIP1	0.015236	0.00279055	0.198374	-5.04099	0.172481	0.565583	-1.76809	0.445317	0.736851	-1.35713	0.178935	0.570982	-1.75137	0.0030881	0.204059	-4.90055
cg00666559	DYSFIP1	0.0173455	0.13937	0.794135	-1.25923	0.00110118	0.497993	-2.00806	0.00827327	0.613073	-1.63113	0.394861	1.13459	1.13459	0.699109	1.05789	1.05789
cg12713445	DYSFIP1	0.0229948	0.0391127	0.600239	-1.666	0.334358	0.808275	-1.2372	0.0540277	0.626545	-1.59606	0.013281	0.518949	-1.92697	0.0672976	0.645106	-1.55013
cg24380489	DYSFIP1	0.0332813	0.951601	0.970665	-1.03022	0.922805	1.04869	1.04869	0.0775388	0.381968	-2.61802	0.841986	1.10286	1.10286	0.0093154	0.198291	-5.04308
cg23708206	DYSFIP1;DYSFIP1	0.000789219	0.056652	0.687245	-1.45508	0.00296094	0.492062	-2.03226	0.487893	0.884695	-1.13033	0.0931702	0.725371	-1.37861	5.39E-05	0.270092	-3.70245
cg14945456	DYSFIP1;FAM195B;FAM195B	0.000542698	0.228783	1.2168	1.2168	4.64E-06	5.11528	5.11528	0.82839	1.0343	1.0343	0.330336	1.16889	1.16889	0.341379	1.16453	1.16453
cg12894776	DYSFIP1;FAM195B;FAM195B	0.00993209	0.410934	1.33715	1.33715	0.292453	1.45852	1.45852	0.00387714	0.260764	-3.83489	0.178322	1.63913	1.63913	0.0522243	0.46627	-2.14468
cg12801066	DYTN	0.00920866	0.0805845	0.586422	-1.70526	0.00369196	0.33937	-2.94664	0.0712587	0.574147	-1.74171	0.000546638	0.227844	-4.38897	0.0303116	0.495955	-2.01631
cg18921607	DYTN	0.0127142	0.495175	1.43471	1.43471	0.0426226	0.296269	-3.37531	0.359194	0.611809	-1.6345	0.844657	0.902815	-1.10765	0.011281	0.191281	-5.22791
cg08244934	DYTN	0.0213772	0.159272	0.503848	-1.98473	0.279098	0.598808	-1.66998	0.00826771	0.214605	-4.65972	0.283332	0.601715	-1.66192	0.00318572	0.159559	-6.26727
cg23893375	DYX1C1;DYX1C1;DYX1C1	1.19E-05	0.00245582	0.531488	-1.88151	0.690644	0.94175	-1.06185	0.00376535	0.556195	-1.79793	0.0010049	0.480709	-2.08026	1.61E-07	0.0872203	-11.4652
cg14215625	DYX1C1;DYX1C1;DYX1C1	0.000877749	3.07E-05	0.392434	-2.5482	0.00176641	0.599477	-1.66812	0.00878731	0.681561	-1.46722	0.680551	0.953551	-1.04871	0.177081	0.848038	-1.17919
cg12643702	DYX1C1;DYX1C1;DYX1C1	0.00189893	0.0405395	0.770795	-1.29736	0.000174495	0.496075	-2.01582	0.000709897	0.56685	-1.76413	0.00690677	0.680564	-1.46937	0.426645	0.914538	-1.09345
cg12417176	DYX1C1;DYX1C1;DYX1C1	0.00468503	0.00222745	0.244265	-4.09392	0.0658781	0.507111	-1.97195	0.00874961	0.333238	-3.00086	0.212884	1.53982	1.53982	0.000296876	0.14398	-6.94543
cg11560374	DYX1C1;DYX1C1;DYX1C1	0.00733822	0.0904595	1.16992	1.16992	0.0840365	1.17448	1.17448	0.00376498	1.38952	1.38952	0.997392	1.00028	1.00028	0.000229841	1.67307	1.67307
cg23901409	DYX1C1;DYX1C1;DYX1C1	0.0154815	0.948806	0.983103	-1.01719	0.337259	0.769078	-1.30026	0.649521	1.1291	1.1291	0.305898	0.754763	-1.32492	0.901428	1.03343	1.03343
cg07033615	DYX1C1;DYX1C1;DYX1C1	0.0201581	0.728159	1.06533	1.06533	0.137634	0.748286	-1.33639	0.129918	0.743271	-1.3454	0.400334	0.855444	-1.16898	0.202696	0.783559	-1.27623
cg02958915	DYX1C1;DYX1C1;DYX1C1	0.0393279	0.291308	0.637979	-1.56745	0.53818	1.29152	1.29152	0.0483727	0.396207	-2.52393	0.0350577	0.364972	-2.73994	0.0102621	0.265026	-3.77322
cg19647813	DZIP1;DZIP1	0.000206993	0.0117048	1.2106	1.2106	0.00544156	0.801001	-1.24844	0.02543	0.85115	-1.17488	0.0593243	1.13788	1.13788	0.00760845	1.23152	1.23152
ch.13.1448446F	DZIP1;DZIP1	0.000246329	1.91E-05	0.193222	-5.17539	0.0289453	0.614326	-1.6278	0.00137686	0.415611	-2.40609	0.00122637	0.40874	-2.44654	0.000890885	0.389993	-2.56415
cg21627412	DZIP1;DZIP1	0.00272254	0.0364346	0.515534	-1.93974	0.184346	1.46765	1.46765	0.10088	1.63161	1.63161	0.960197	0.986494	-1.01369	0.00237876	0.315314	-3.17144
cg19872537	DZIP1;DZIP1	0.00827108	0.0487364	0.727078	-1.37537	0.0430794	1.39037	1.39037	0.2082	0.828715	-1.20669	0.58632	0.925147	-1.08091	0.115241	0.784682	-1.2744
cg17922851	DZIP1;DZIP1	0.0161303	0.105807	0.628297	-1.5916	0.468763	0.823733	-1.21399	0.176129	0.684992	-1.45987	0.0182858	0.47075	-2.12427	0.0150989	0.45589	-2.19351
cg02788400	DZIP1;DZIP1	0.0238027	0.112077	0.704264	-1.41992	0.012857	1.8701	1.8701	0.319093	1.23202	1.23202	0.407695	1.18722	1.18722	0.439224	1.17335	1.17335
cg04194341	DZIP1;DZIP1	0.0253334	0.0529568	0.354264	-2.82275	0.0287583	0.296143	-3.37674	0.0766985	2.53182	2.53182	0.4547	0.698172	-1.43231	0.013552	0.236562	-4.22723
cg00756058	DZIP1;DZIP1;DZIP1;DZIP1	0.00957468	0.00329588	0.26327	-3.79838	0.811275	0.923355	-1.08301	0.00897232	0.330286	-3.02768	0.75334	1.11081	1.11081	0.0683359	0.506453	-1.97452
cg08386091	DZIP1;DZIP1;DZIP1;DZIP1	0.0473738	0.227678	0.576708	-1.73398	0.773881	0.882314	-1.13338	0.302521	1.5908	1.5908	0.884748	1.06507	1.06507	0.536895	0.762018	-1.3123
cg01189852	DZIP1L	0.00317182	6.88E-05	0.242121	-4.13017	0.296264	1.23501	1.23501	0.790013	1.0534	1.0534	0.702451	1.07768	1.07768	0.129133	1.37659	1.37659
cg21459229	DZIP1L	0.00477878	0.0361412	0.657178	-1.52166	0.174636	0.779776	-1.28242	0.100472	0.73345	-1.36342	0.182391	0.783639	-1.2761	0.0618633	0.696094	-1.43659
cg17394126	DZIP1L	0.0127068	0.575747	0.93674	-1.06753	0.107566	0.816284	-1.22506	0.244782	0.868807	-1.151	0.956652	0.993737	-1.0063	0.0723156	1.26088	1.26088

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02474625	0.541263	1.25634	1.25634	0.0429331	2.36233	2.36233	0.0810218	2.04184	2.04184	0.700865	1.15307	1.15307	9.62435	20.7547	1.91687	1
cg11752440	0.227302	0.933141	-1.07165	0.720829	1.01978	1.01978	0.569993	1.03184	1.03184	0.0133342	1.1822	1.1822	9.03404	0.426481	0.0419629	1
cg15172785	0.305797	0.712928	-1.40267	0.0345085	0.455306	-2.19633	0.00538942	3.21912	3.21912	0.052038	0.493944	-2.02452	6.41312	10.3435	1.43365	1
cg19974599	0.0917134	1.28709	1.28709	0.00374561	0.587436	-1.70231	0.00583202	0.612198	-1.63346	0.682982	0.945716	-1.0574	4.81733	1.40958	0.260095	1
cg01989857	0.0316147	0.515969	-1.9381	0.0288969	0.508423	-1.96687	0.317732	1.31151	1.31151	0.28677	1.33703	1.33703	23.9005	23.1981	0.970615	1
cg14120336	0.000970198	0.35234	-2.83817	0.222372	0.761505	-1.31319	0.888128	0.970538	-1.03036	0.545963	1.13864	1.13864	4.43467	3.17046	0.635489	1
cg14274759	0.00348476	0.412391	-2.42488	0.152923	0.710335	-1.40779	0.935293	1.01831	1.01831	0.0207319	0.536764	-1.86302	3.67348	2.90459	0.702836	1
cg09098756	0.0905746	0.795495	-1.25708	2.67E-06	0.24987	-4.00207	0.340768	0.886517	-1.12801	0.587525	0.93501	-1.06951	16.0369	3.82369	0.211939	1
cg18168387	0.308131	1.19545	1.19545	4.05E-06	6.11064	6.11064	0.676699	1.07355	1.07355	0.0325105	1.52736	1.52736	15.4829	7.0233	0.403214	1
cg01168339	0.787771	1.04712	1.04712	0.000122768	0.318703	-3.13772	0.186366	1.27003	1.27003	0.094028	1.36911	1.36911	11.9814	5.52504	0.409898	1
cg00019085	0.000228576	0.329607	-3.03392	0.309899	0.826567	-1.20982	0.878552	1.02811	1.02811	0.698917	1.07299	1.07299	7.33819	3.81892	0.462592	1
cg19946631	0.136634	1.53541	1.53541	0.0313494	1.96459	1.96459	0.968769	1.01052	1.01052	0.00150185	3.3986	3.3986	5.8645	6.64144	1.00665	1
cg14069214	0.252258	1.5535	1.5535	0.0129811	3.113	3.113	0.00619326	3.72411	3.72411	0.0219292	2.75292	2.75292	5.4849	11.7859	1.91003	1
cg19475930	0.724819	1.07331	1.07331	4.86E-05	0.216723	-4.61419	0.46889	0.862856	-1.15894	0.121264	0.714414	-1.39975	11.3761	7.21928	0.564087	1
cg27195719	0.393068	0.842583	-1.18683	0.198331	1.30493	1.30493	0.0309555	1.64204	1.64204	0.498568	0.874153	-1.14396	8.26002	5.01404	0.539578	1
cg17410625	0.304543	0.744578	-1.34304	0.000157562	0.166438	-6.00825	0.78704	1.078	1.078	0.0868696	0.591852	-1.68961	7.35517	8.96274	1.08317	1
cg07056057	0.0163446	0.457173	-2.18736	0.320946	0.760766	-1.31446	0.609074	0.871509	-1.14743	0.256737	0.729329	-1.37112	7.14253	8.04251	1.00089	1
cg05823643	0.353819	0.793522	-1.2602	0.000281788	0.237144	-4.21685	0.0900119	1.57304	1.57304	0.191564	1.39821	1.39821	6.1326	5.70847	0.827414	1
cg12314510	0.602904	1.46536	1.46536	0.428944	0.554922	-1.80205	?	?	?	0.000595049	0.0158543	-63.0743	7.41826	40.5293	6.37403	1
cg21622464	0.113676	0.426511	-2.34461	0.0453361	0.320897	-3.11627	0.0276078	3.63114	3.63114	0.386095	0.644112	-1.55253	5.79588	22.499	3.45058	1
cg16549766	0.0442607	0.808259	-1.23723	0.0029743	0.686948	-1.45571	0.0375175	1.24899	1.24899	0.137435	0.86297	-1.15879	4.32757	0.581655	0.119473	1
cg06488395	0.000427689	0.493307	-2.02714	0.0563726	1.31497	1.31497	0.658981	1.0579	1.0579	0.176328	1.19983	1.19983	12.254	3.1171	0.226111	1
cg03552151	0.00117413	3.13486	3.13486	1.19E-05	9.23845	9.23845	0.906	1.02875	1.02875	0.59358	0.87876	-1.13797	21.3522	19.4686	0.810474	1
cg06217245	0.130561	1.51668	1.51668	0.000526276	3.96727	3.96727	0.00658028	0.406475	-2.46018	0.431031	0.814626	-1.22756	12.5481	12.9331	0.91616	1
cg21859623	0.0153946	2.07092	2.07092	0.020315	1.98352	1.98352	0.0462166	0.571699	-1.74917	0.652285	1.11744	1.11744	7.32941	6.95741	0.843774	1
cg13789523	0.798344	1.03478	1.03478	0.186459	0.829401	-1.20569	0.732111	0.955145	-1.04696	0.121389	1.25143	1.25143	3.717	1.05004	0.251109	1
cg03640883	8.94E-06	0.140075	-7.13905	0.130468	0.716385	-1.3959	0.000460687	3.08294	3.08294	0.0803358	0.672897	-1.48611	37.7281	24.9207	0.587141	1
cg07070273	0.000832038	0.467909	-2.13717	0.141068	1.26995	1.26995	0.0405835	0.699785	-1.42901	0.0166592	0.643189	-1.55475	29.4857	10.6431	0.320851	1
cg07732115	0.538951	0.877732	-1.1393	0.0638118	0.646099	-1.54775	0.376974	0.826907	-1.20933	0.141809	0.718093	-1.39258	3.7331	2.59863	0.61876	1
cg23488616	0.563971	1.05649	1.05649	0.00273795	0.677347	-1.47635	0.00789679	1.37854	1.37854	0.196537	0.879283	-1.13729	10.9486	1.5391	0.124956	1
cg11760982	0.0571726	0.446542	-2.23943	0.948438	1.02405	1.02405	0.260448	1.54362	1.54362	0.136629	1.81506	1.81506	12.7446	26.6836	1.62844	1
cg06138710	0.00561515	0.541032	-1.84832	0.084715	0.724598	-1.38008	0.175115	1.27589	1.27589	0.0337033	0.657675	-1.52051	7.25589	3.28042	0.401871	1
cg09221326	0.155186	0.859971	-1.16283	0.0922227	1.20178	1.20178	0.293385	1.11415	1.11415	0.0751906	1.21712	1.21712	6.73198	1.04863	0.13846	1
cg13183694	0.00648458	0.34216	-2.92261	0.0183962	0.42027	-2.37942	0.222265	1.47513	1.47513	0.298049	0.721137	-1.3867	5.3817	7.82882	1.29308	1
cg11970480	0.578946	0.912165	-1.09629	0.264135	1.21034	1.21034	0.453653	1.13337	1.13337	0.245399	1.22051	1.22051	4.6397	1.97657	0.378678	1
cg00817749	0.0218665	0.568835	-1.75798	0.000163072	0.267377	-3.74004	0.961946	0.990263	-1.00983	0.00218227	0.414151	-2.41458	9.5526	6.36249	0.592043	1
cg12526869	0.0125895	0.0648141	-15.4287	0.383987	2.19727	2.19727	0.329592	0.41177	-2.42854	0.0111291	0.0604106	-16.5534	3.66677	45.1644	10.9486	1
cg21407839	?	?	?	0.000412287	0.181068	-5.52278	0.786277	0.920501	-1.08636	0.0855799	0.560356	-1.78458	12.385	16.1971	1.3078	1
cg00746338	0.151285	0.729654	-1.37051	0.407312	0.840515	-1.18975	0.947635	0.986627	-1.01355	0.21547	0.765498	-1.30634	4.92052	3.27409	0.591462	1
cg05263790	0.452346	0.830283	-1.20441	0.00533296	2.5345	2.5345	0.356082	0.793793	-1.25977	0.0482734	1.74771	1.74771	4.51648	4.10891	0.707591	1
cg16320339	0.766299	0.95888	-1.04288	0.003902	0.578478	-1.72867	0.0190054	0.670299	-1.49187	0.22944	0.837231	-1.19441	3.94455	1.23982	0.279388	1
cg18779060	0.0313022	0.80993	-1.23467	0.804735	1.02088	1.02088	0.0264308	1.24561	1.24561	0.0304629	1.23642	1.23642	3.53414	0.389752	0.0980285	1
cg01619796	0.162395	0.596103	-1.67756	0.00402506	0.261799	-3.81972	0.970098	0.987083	-1.01309	0.0423908	0.444506	-2.24969	3.79309	7.22724	1.69366	1
cg21505925	0.066259	1.9015	1.9015	0.886211	1.04568	1.04568	0.984655	1.00602	1.00602	0.031002	2.20328	2.20328	3.50213	5.39754	1.36997	1
cg07638797	0.0961128	1.3605	1.3605	0.00103056	2.26875	2.26875	0.309265	0.837553	-1.19395	0.828795	1.03716	1.03716	5.89297	2.64892	0.39956	1
cg18851831	0.00136257	1.3271	1.3271	0.133841	0.906258	-1.10344	4.61E-07	2.37454	2.37454	0.00125034	1.33239	1.33239	324.979	19.0761	0.0521773	1
cg13444131	0.00182597	0.477611	-2.09375	0.0383282	1.49247	1.49247	0.855556	1.03087	1.03087	0.0077542	0.565251	-1.76913	11.8721	5.2334	0.391835	1
cg22016724	0.000991125	0.224922	-4.44599	0.000175225	0.143569	-6.9653	0.0417459	0.488866	-2.04555	0.01681	0.41082	-2.43416	11.0888	16.3281	1.30888	1
cg17775332	0.658951	1.19752	1.19752	0.270439	1.59307	1.59307	0.0119509	3.57081	3.57081	0.00975235	3.76762	3.76762	7.75322	20.2229	2.31851	1
cg18036710	0.907466	1.03471	1.03471	0.00144505	0.258934	-3.86199	0.112618	1.6601	1.6601	0.100866	0.590163	-1.69445	7.26154	9.90567	1.21256	1
cg18763720	?	?	?	0.255416	0.405916	-2.46356	0.0270625	7.29665	7.29665	0.834662	0.85324	-1.172	6.32834	51.3727	8.11788	1
cg15475080	0.816168	0.983288	-1.017	1.63E-05	0.5261	-1.90078	0.00169174	1.38356	1.38356	0.000785255	1.444	1.444	28.2109	2.34019	0.0737364	1
cg17648878	0.923491	0.979683	-1.02074	0.337895	0.809692	-1.23504	0.13775	1.40709	1.40709	0.277541	1.2729	1.2729	7.7718	5.62002	0.642782	1
cg11022791	0.0213047	0.563053	-1.77603	0.00708509	0.4857	-2.05888	0.0374392	1.65067	1.65067	0.808173	0.95077	-1.05178	7.26641	4.95735	0.606426	1
cg09135343	0.240963	0.428765	-2.33228	0.00545131	0.0802956	-12.454	0.0961778	3.52662	3.52662	0.137761	0.332008	-3.01198	4.51371	34.0225	6.70008	1
cg02855883	0.375811	0.821457	-1.21735	0.418902	0.836337	-1.19569	0.162693	1.38056	1.38056	0.778361	1.06296	1.06296	3.99893	2.96549	0.659174	1
cg18125073	0.188799	0.480674	-2.08041	0.00855428	0.171175	-5.84199	0.545938	0.725023	-1.37927	0.319699	0.582137	-1.71781	3.6817	16.143	3.89748	1
cg19667304	0.635617	0.880272	-1.13601	0.00309516	0.339103	-2.94896	0.0276803	0.498846	-2.00463	0.0476663	0.546039	-1.83137	3.49841	3.95485	1.00486	1
cg16575248	6.61E-06	0.074214	-13.4746	0.00753508	0.445257	-2.2459	0.0714251	0.629576	-1.58837	0.0285273	0.549199	-1.82083	36.0381	25.3422	0.615305	1
cg09224523	0.0139569	2.12029	2.12029	0.000455305	0.254867	-3.92362	0.867988	1.04203	1.04203	0.0904835	1.58676	1.58676	7.07861	6.86828	0.862476	1
cg09328024	0.839219	1.07049	1.07049	0.146485	0.592976	-1.68641	0.058171	0.487777	-2.05012	0.964668	1.01496	1.01496	3.96347	7.05731	1.58275	1
cg08977032	0.952426	1.01005	1.01005	0.00114064	2.22912	2.22912	0.57679	0.909859	-1.09907	0.801239	0.958616	-1.04317	8.32895	3.70322	0.395218	1
cg09581911	0.268557	0.854711	-1.16999	0.0106783	1.54841	1.54841	0.00968715	0.640255	-1.56188	0.000912008	0.508903	-1.96501	8.24624	2.42397	0.261288	1
cg06270401	0.00365908	0.399028	-2.50609	0.404435	1.22069	1.22069	0.0306766	0.552397	-1.81029	0.00942244	0.463326	-2.15831	6.247	5.4064	0.76928	1
cg01218945	0.919957	1.02743	1.02743	0.0589678	0.563176	-1.77564	0.963439	1.01242	1.01242	0.491157	0.82839	-1.20716	4.1992	4.82073	1.02046	1
cg03886523	2.53E-05	0.249072	-4.01491	0.0608712	1.42097	1.42097	0.0152621	0.609329	-1.64115	0.000202822	0.354819	-2.81834	34.4833	15.1017	0.389283	1
cg14958017	0.369933	1.19546	1.19546	0.00460692	0.481376	-2.07738	0.830443	0.959274	-1.04245	0.0584007	1.51385	1.51385	13.7365	8.17882	0.529253	1
cg15491567	0.336439	1.28223	1.28223	0.00117361	0.302836	-3.30212	0.632507	0.886168	-1.12845	0.0500908	0.571008	-1.75129	5.95057	5.92969	0.885769	1
cg18186672	0.0142631	1.7339	1.7339	0.925263	1.01723	1.01723	0.383133	0.849715	-1.17686	0.0324362	0.633829	-1.57771	5.35094	2.81004	0.466799	1
cg15294851	0.0770309	0.485292	-2.06062	0.00282802	0.220451	-4.53615	0.0515181	0.44261	-2.25933	0.0285934	0.386832	-2.5851	4.57022	9.78779	1.90369	1
cg17415947	0.124622	0.682449	-1.46531	0.0449245	0.589253	-1.69706	0.465284	0.843016	-1.18622	0.906845	0.973457	-1.02727	3.55504	2.97339	0.743456	1
cg16354502	0.0289193	1.42673	1.42673	0.000176816	0.415973	-2.404	0.833582	0.971387	-1.02946	0.0171782	0.669885	-1.49279	14.1785	4.27499	0.26801	1
cg13066889	0.00202732	0.379355	-2.63606	5.90E-05	0.190944	-5.23714	0.00214478	0.382847	-2.61201	0.00157121	0.363743	-2.74919	12.7333	10.0019	0.698212	1
cg14689456	0.0247663	1.7278	1.7278	0.16383	1.35526	1.35526	0.0280444	0.588063	-1.7005	0.896815	1.0269	1.0269	7.23045	4.79373	0.589326	1
cg00477086	0.0689148	0.696596	-1.43555	0.832969	1.03822	1.03822	0.409796	0.86095	-1.16151	0.435014	0.868084	-1.15196	6.61994	3.30749	0.444112	1
cg03135061	0.0559808	2.50814	2.50814	0.0567973	0.400228	-2.49857	0.216571	0.575624	-1.73724	0.591437	0.794417	-1.25879	6.5499	18.7153	2.53986	1
cg07138437	0.00641954	0.215036	-4.65038	0.00798191	0.229002	-4.36678	0.102242	2.1711	2.1711	0.192889	1.81732	1.81732	6.45642	19.2156	2.6455	1
cg26787256	0.068598	1.6407	1.6407	0.0817173	1.59773	1.59773	0.371651	0.800276	-1.24957	0.958874	1.0126	1.0126	4.66732	4.36093	0.830537	1
cg01407254	0.0397597	0.134931	-7.41118	0.286392	0.393474	-2.54146	0.2398	2.82081	2.82081	0.15518	3.60246	3.60246	4.45073	50.0359	9.99304	1
cg06875255	0.0895365	0.460628	-2.17095	0.973882	1.01365	1.01365	0.162721	1.85356	1.85356	0.0801557	2.23421	2.23421	3.59516	9.76395	2.4141	1
cg02408850	0.00119057	0.545187	-1.83423	3.84E-05	0.365033	-2.73948	0.186869	0.836415	-1.19558	7.50E-05	0.399415	-2.50366	30.0353	7.75425	0.229486	1
cg21320221	0.000108924	0.351597	-2.84417	0.000397407	0.421279	-2.37372	0.652115	0.932783	-1.07206	0.00194818	0.51078	-1.95779	11.9499	4.4493	0.330961	1
cg26657725	0.00376737	0.430489	-2.32294	0.00510372	0.45035	-2.22049	0.515617	1.1527	1.1527	0.242825	0.768376	-1.30145	8.28235	6.09554	0.654193	1
cg01847062	0.00949981	0.591916	-1.68943	0.00231645	0.501248	-1.99502	0.975983	0.995386	-1.00464	0.899087	0.980698	-1.01968	9.27388	3.39299	0.284562	1
cg12008350	0.00274555	0.425361	-2.35094	0.0783091	0.667298	-1.49858	0.62403	0.902873	-1.10757	0.0135028	0.531319	-1.88211	5.24664	3.55451	0.602206	1
cg02862897	0.113616	0.508818	-1.96534	0.00283406	0.199234	-5.01921	0.679634	0.849606	-1.17702	0.137828	0.534103	-1.8723	5.15401	12.5742	2.16862	1
cg00666559	0.215819	1.20774	1.20774	0.539841	1.0941	1.0941	0.414465	0.886145	-1.12848	0.529955	0.911928	-1.09658	4.93612	1.64139	0.295579	1
cg12713445	0.0345311	0.590375	-1.69384	0.00180041	0.38707	-2.58351	0.752654	1.06992	1.06992	0.0881117	0.668754	-1.49532	4.48521	3.24658	0.643414	1
cg24380489	0.177983	0.495541	-2.01799	0.00208726	0.119495	-8.36858	0.836096	0.903374	-1.10696	0.087998	0.397106	-2.51822	3.93802	15.0068	3.38732	1
cg23708206	0.000755979	0.411544	-2.42988	0.000404159	0.3762	-2.65816	0.37653	0.854057	-1.17088	0.020148	0.614327	-1.6278	12.58	6.02126	0.425455	1
cg14945456	0.96175	0.992577	-1.00748	0.501626	0.899467	-1.11177	0.483128	0.895181	-1.11709	0.97326	0.994806	-1.00522	13.969	5.33995	0.339798	1
cg12894776	0.00678602	0.297513	-3.36119	0.967602	1.01413	1.01413	0.462609	0.772303	-1.29483	0.00418834	0.265633	-3.76459	5.92351	11.202	1.68099	1
cg12801066	0.0943019	0.602569	-1.65956	0.515414	1.19918	1.19918	0.036443	0.511884	-1.95357	0.378202	0.77958	-1.28274	6.06804	7.28919	1.06777	1
cg18921607	0.63668	0.780386	-1.28142	0.00121021	0.0846134	-11.8185	0.0402692	3.43796	3.43796	0.155297	0.452702	-2.20896	5.46968	23.5287	3.8237	1
cg08244934	0.079738	0.412243	-2.42576	0.00993929	0.226764	-4.40986	0.101818	0.442128	-2.26179	0.0105583	0.230873	-4.33139	4.59897	15.126	2.92355	1
cg23893375	0.000186346	0.388108	-2.5766	0.00115876	0.488729	-2.04612	0.130568	0.782742	-1.27756	0.000181492	0.386694	-2.58602	38.7581	13.8164	0.316869	1
cg14215625	0.0048381	0.650932	-1.53626	0.394238	1.10545	1.10545	0.952404	1.00688	1.00688	0.465046	1.08918	1.08918	12.2087	2.55219	0.185819	1
cg12643702	0.233677	1.14731	1.14731	0.186395	0.857123	-1.16669	0.374599	0.904562	-1.10551	0.0049718	0.664139	-1.50571	9.78852	1.87796	0.170537	1
cg12417176	0.0977428	0.550033	-1.81807	0.29823	0.701317	-1.42589	0.630333	0.852524	-1.17299	0.699242	0.880083	-1.13626	7.48554	12.8354	1.52417	1
cg11560374	0.642613	0.961449	-1.0401	0.949158	0.99465	-1.00538	0.35973	1.08244	1.08244	0.140016	1.14291	1.14291	6.51835	0.730637	0.0996349	1
cg23901409	0.109533	1.58891	1.58891	0.000361723	0.219217	-4.56168	0.367684	1.27836	1.27836	0.37569	1.27289	1.27289	5.12678	5.71918	0.9916	1
cg07033615	0.832728	1.0391	1.0391	0.000560095	0.378934	-2.63898	0.019128	0.597943	-1.6724	0.74682	1.06051	1.06051	4.69199	2.44422	0.463053	1
cg02958915	0.264414	1.61196	1.61196	0.020892	0.319507	-3.12982	0.770747	0.886982	-1.12742	0.0610047	0.420352	-2.37896	3.70617	9.88881	2.37174	1
cg19647813	0.2208	0.92487	-1.08123	2.89E-05	0.607682	-1.6456	0.00854999	0.815818	-1.22576	0.00477892	1.25516	1.25516	18.2007	1.06125	0.0518293	1
ch.13.1448446F	0.459281	1.15323	1.15323	0.000180689	0.301493	-3.31683	0.323624	0.824579	-1.21274	0.285724	0.810763	-1.23341	17.3598	9.84241	0.50397	1
cg21627412	0.013262	0.433332	-2.3077	0.00236359	0.314917	-3.17544	0.0147502	2.26519	2.26519	0.02047	0.467241	-2.14022	8.80773	10.3557	1.04511	1
cg19872537	0.00131686	0.515893	-1.93838	0.0543943	1.36215	1.36215	0.0450937	0.722129	-1.38479	0.0253504	0.686343	-1.457	6.2779	1.99341	0.282248	1
cg17922851	0.0429805	0.541903	-1.84535	0.0181003	0.46995	-2.12789	0.0114061	2.3002	2.3002	0.283991	0.746172	-1.34017	5.05733	5.54278	0.974213	1
cg02788400	0.0125855	0.533242	-1.87532	0.510963	0.873621	-1.14466	0.0330391	0.603444	-1.65716	0.139682	1.37997	1.37997	4.43205	2.88237	0.578087	1
cg04194341	0.0827511	0.403926	-2.4757	0.0145788	0.241849	-4.1348	0.0329714	0.308306	-3.24353	0.171748	0.503376	-1.98659	4.33719	15.2916	3.13395	1
cg00756058	?	?	?	0.182458	1.60267	1.60267	0.926383	1.03129	1.03129	0.0137795	2.75916	2.75916	6.11372	9.56431	1.5644	1
cg08386091	0.971172	0.984416	-1.01583	0.000865225	0.113814	-8.78625	0.831039	1.09732	1.09732	0.74176	0.866121	-1.15457	3.45807	10.3469	2.65966	1
cg01189852	0.659734	1.09019	1.09019	0.0975095	1.42531	1.42531	0.580221	0.896838	-1.11503	0.0672118	0.670462	-1.49151	8.4176	5.06441	0.534796	1
cg21459229	0.0808334	0.716385	-1.3959	0.000101703	0.305428	-3.2741	0.00929522	0.566361	-1.76566	0.0105787	0.574667	-1.74014	7.44054	3.4976	0.417843	1
cg17394126	0.0120578	1.43598	1.43598	0.0012201	1.72808	1.72808	0.331037	0.890542	-1.12291	0.436554	0.912341	-1.09608	5.47073	1.15755	0.18808	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df
cg13595904	DZIP1L	0.0365413	0.0143792	0.582337	-1.71751	1.0198667	1.66013	1.66013	0.48521	1.13421	1.13421	1.0686144	0.693925	-1.44108	0.599782	1.090454	-1.09956	0.2159896	0.791826	-1.2629	0.090264	0.715856	-1.39693	0.704531	0.933885	-1.07068	0.140162	1.329111	1.80712	1.93758	0.452387	1
cg07665466	DZIP1L;DZIP1L	0.000768637	0.543421	0.913238	-1.095	2.33109	0.830799	-1.20366	0.00310047	0.550381	-1.8169	0.566965	1.08915	1.08915	0.0107696	0.623276	1.60443	0.000711886	0.427331	-2.13986	0.217167	1.21119	1.21119	0.28767	1.17692	1.17692	5.01E-05	0.325426	-3.0729	12.6738	4.37071	0.306543	1
cg05265703	DZIP1L;DZIP1L	0.0428481	0.352859	0.659234	-1.51691	1.0186515	0.466363	-2.14425	0.581248	0.784419	-1.27483	0.290721	0.620086	-1.61268	0.01520448	0.272658	-3.6676	0.0131744	0.261949	-3.81754	0.00334326	0.1754172	-5.70072	0.294059	0.622284	-1.60698	0.130694	0.490969	-2.03679	3.59057	10.8032	2.67447	1
cg26092180	DZIP3	0.00172468	0.287351	0.793617	-1.26005	0.584995	0.891031	-1.12232	0.00204783	0.602869	-2.4822	0.118388	0.42579	1.42579	0.000154253	0.354568	-2.82034	0.323431	0.807836	-1.23787	0.000523058	0.322588	-3.09993	0.0191581	1.809918	1.809918	0.259008	0.782003	-1.27877	10.0657	6.97941	0.616343	1
cg25857637	DZIP3	0.04036318	0.00254842	0.483426	-2.06857	0.278534	0.822319	-1.21607	0.203029	0.790677	-1.26474	0.068848	0.702305	-1.42408	0.207859	0.794083	-1.25931	0.272518	0.82013	-1.21932	0.0695184	1.42259	1.42259	0.128461	0.751798	-1.33014	0.340518	0.843208	-1.18595	3.6703	1.75258	0.424374	1
cg05788675	DZIP3;DZIP3;KIAA1524	0.00820311	0.10077	1.4272	1.4272	0.611984	0.903728	-1.10653	0.367197	0.832509	-1.20119	0.536088	1.13201	1.13201	0.201846	1.30565	1.30565	0.000159151	0.278757	-3.58736	0.715006	0.93	-1.07527	0.85162	1.03775	1.03775	0.596581	1.1115	1.1115	6.29425	3.90387	0.553313	1
cg10130694	DZIP3;KIAA1524	0.00489343	0.997163	0.998776	-1.00123	0.319595	1.4251	1.4251	0.0266793	2.47067	2.47067	0.00592701	0.289492	-3.45433	0.00068441	0.16754	-5.96874	0.8908	0.953865	-1.04837	?	?	?	0.84121	0.933244	-1.07153	0.0764358	1.9716	1.9716	7.54562	12.6011	1.66999	1
cg01156121	EIF1	2.74E-05	3.83E-05	0.15763	-3.5429	0.126725	0.157346	-2.9539	0.0819479	0.763897	-1.30908	0.01007955	0.509453	-1.96297	3.82E-06	0.221713	-4.50933	3.83E-05	0.13172	-3.0451	0.0322299	0.7043651	-1.41972	0.0260002	0.67218	-1.47549	0.00225942	0.592089	-1.8169	31.1796	9.6419	0.274878	1
cg18865566	EIF1	3.69E-05	0.336525	0.925095	-1.08097	0.8919986	1.15866	1.15866	0.0249077	2.33144	2.33144	0.591975	1.04343	1.04343	0.0003706	0.15811	-6.32661	0.616413	1.04048	1.04048	4.72E-07	0.328647	1.04278	1.04278	0.37943	1.07343	0.0810532	1.16414	1.16414	28.4825	2.82014	0.0869131	1
cg24088408	EIF1	0.00018431	0.0419752	0.732469	-1.36525	0.000144676	0.419201	-2.38549	0.400717	1.12105	1.12105	0.00789615	1.57247	1.57247	0.00058269	0.493392	-2.02678	0.602648	0.932607	-1.07226	3.49E-05	0.346511	-2.89342	0.0313613	0.71503	-1.39854	0.00199605	0.560078	-1.78547	18.7821	5.24913	0.248423	1
cg09033983	EIF1	0.00453214	0.0147279	0.666664	-1.50026	0.0134329	0.191632	-1.18845	0.0012594	1.85709	1.85709	-1.32083	0.0880504	0.7606933	0.0001459	0.155706	-6.42612	0.2779	0.85132	-1.17466	0.0012273	0.8407122	-1.89035	0.0035777	0.8650952	-1.15603	0.0019605	0.560078	-1.78547	18.7821	5.24913	0.248423	1
cg13760670	EIF1	0.0037861	0.916043	1.01542	1.01542	0.445772	0.893282	-1.11947	0.60295	0.926681	-1.07912	0.00144828	0.386934	-2.58442	0.13186	0.780789	-1.26616	0.00339942	0.561162	-1.78202	0.0038764	0.568676	-1.75846	0.181226	0.813889	-1.2287	0.758261	1.04581	1.04581	7.98346	2.66203	0.296394	1
cg00505391	EIF1	0.0054085	0.0135119	-1.35928	0.240349	0.64046	-1.54737	0.8483273	0.935185	1.06931	1.06931	1.30462	1.30462	0.341115	0.7094934	1.40645	1.40645	0.0003656012	0.135825	-7.36241	0.197862	0.6221161	-1.60989	0.0041121	1.0339	1.0339	0.786683	0.909464	-1.09955	4.66803	9.05106	1.72314	1
cg17220042	EIF1;EIF1	0.0128898	0.0616605	0.297984	-3.35589	0.454865	0.64542	-1.54938	0.348127	1.74305	1.74305	0.144538	0.405959	-2.4633	0.59007	1.36731	1.36731	0.0222622	0.206815	-4.83524	?	?	?	0.000539266	0.0452436	-22.1026	0.534644	0.696481	-1.43579	5.55083	25.8552	4.6579	1
cg23574449	EIF2	0.00074459	0.00430202	1.41567	1.41567	0.134468	1.1679	1.16979	0.00165779	1.79364	1.79364	0.907677	1.01062	0.581511	0.950578	-1.05199	0.094453	0.848584	0.907137	1.08772	0.00157731	0.610742	-1.63735	0.0291564	1.2637	1.2637	0.110336	1.17567	1.17567	1.27875	1.67886	0.116701	1
cg03058012	EIF2	0.01155749	0.05879554	0.412695	-2.41724	0.1919006	0.305416	-3.23189	0.0349316	1.88388	1.88388	-2.6054	0.03378335	0.358935	0.278711	0.2057853	0.15375	-6.50463	0.0789392	0.446322	-2.24054	0.0038727	0.200115	-4.99712	0.635253	0.8207	-1.21847	0.137337	0.515955	-1.93815	5.1655	3.69268	0.407833	1
cg11526198	EIF2	0.0202363	0.00758211	0.104867	-9.53587	0.622404	0.737531	-1.35588	0.0342887	0.219879	-4.54795	0.0051164	0.10344	-9.66745	0.02181525	0.184826	-5.41049	0.168054	0.406126	-2.46229	0.485917	0.64773	-1.54385	0.0127747	0.149472	-6.66792	0.02835858	0.2045545	-4.88891	4.68582	27.9195	5.29627	1
cg05990755	EIF2	0.0499988	0.0115919	0.574007	-1.74198	0.0248047	0.205851	-4.85787	0.0719501	0.303581	-3.29401	0.0505204	0.267354	-3.74035	0.0045514	0.232485	-4.30135	0.227054	0.472043	2.11845	0.0225264	0.1984237	-5.03963	0.0540964	0.275224	-3.63274	0.112854	0.360043	-2.77745	3.38816	18.8013	4.69255	1
cg13398782	EIF2;EIF2	0.00386888	0.82958	0.987195	-1.01297	0.503139	0.960018	-1.04165	0.6405081	0.969122	-1.03186	0.8564	0.707283	0.9776698	-1.02281	0.325505	1.06257	1.06257	1.06257	1.42E-06	0.530493	-1.88504	0.04878	1.44602	0.925581	1.00656	1.0056	1.15405	0.868511	0.0503251	1
cg11798959	EIF2;EIF2	0.0206567	0.151263	0.81026	-1.23417	0.00616724	1.63032	1.63032	0.0224701	1.45361	1.45361	0.0518879	1.35344	1.35344	0.0840294	1.29896	1.29896	0.0467222	1.36555	1.36555	?	?	?	1.1683	1.22247	1.22247	0.0227068	1.4523	1.4523	4.73716	1.24839	0.263532	1
cg02692252	EIF2;EIF2	0.0268433	0.752454	0.930055	-1.07504	0.2966206	0.91424	-1.1424	0.472281	1.19425	1.19425	1.328702	1.27734	1.27734	0.2865513	1.2321	1.2321	0.599528	1.13729	1.13729	0.008001092	0.2926233	-3.41725	0.1919878	0.790979	-1.39845	0.113344	0.658119	0.2945543	2.91748	0.623423	3.968672	0.829994	1
cg27250759	EIF3	5.48E-05	0.00575597	0.793932	-1.25955	0.568311	0.963808	-1.03745	6.01E-05	0.61506	1.64056	0.063144	0.297097	-2.25455	0.0190305	0.119843	1.19843	0.0949404	0.889576	-1.12413	5.04E-06	0.515587	-1.93954	0.32392	0.937105	-1.06732	0.267943	1.07635	1.07635	1.69728	0.0572377	1
cg23972695	EIF3	3.11E-05	0.01825556	0.626335	-1.59648	0.0760874	0.545247	1.83464	0.0002952	0.55662	1.79656	0.0007501	0.2731	3.66E-06	0.1434564	0.4029954	2.48171	0.0869078	0.734671	-1.36115	0.001842	2.05712	2.05712	0.0655818	0.7139	-1.40076	0.0444834	0.145695	1.45695	7.14637	0.1003	0.374431	1
cg23167585	EIF3	0.00733068	0.0136912	0.656529	-1.52316	0.0966632	0.777466	-1.28623	0.619307	0.10757	1.07157	0.0186203	1.48248	1.48248	0.525868	0.910309	-1.09765	0.308777	0.15646	1.15649	0.0098386	0.508532	-1.96644	0.0227571	0.686441	-1.45679	0.389368	0.885371	-1.12947	0.62545	1.96726	0.268183	1
cg19070109	EIF3	0.00970049	0.0285403	0.759809	-1.3475	0.175507	0.878827	-1.13788	0.0532645	1.38056	1.38056	0.8088097	0.80147	-1.24773	0.0105951	0.1733572	1.12012	0.3499	0.14224	1.10985	0.0103192	0.14912	-4.45679	0.3998568	0.145371	1.36497	0.0256769	0.1332449	1.33249	5.04832	1.10888	0.165166	1
cg05617744	EIF3	0.0262895	0.128712	0.870785	-1.14839	0.0835174	0.17518	1.17518	0.0587321	0.835337	-1.19712	0.0397353	0.818427	-1.22186	0.0075316	0.748425	-1.33614	0.0632987	1.19243	1.19243	0.559979	1.05092	1.05092	0.521578	0.946729	-1.05627	0.517768	1.05081	1.05081	4.28147	0.481521	0.0999701	1
cg05450477	EIF3	0.00458311	0.88833	1.07552	1.07552	0.674538	0.0248647	0.205851	-4.85787	0.0719501	0.303581	-3.29401	0.0505204	0.267354	-3.74035	0.0045514	0.232485	-4.30135	0.227054	0.472043	2.11845	0.0225264	0.1984237	-5.03963	0.0540964	0.275224	-3.63274	0.112854	0.360043	-2.77745	3.38816	18.8013	4.69255	1
cg14751398	EIF3;EIF3	0.0298489	0.408256	0.912282	-1.09615	0.208497	0.175468	1.15478	0.570965	0.937241	-1.06412	0.545824	0.779998	-1.28206	0.334307	0.111437	1.11437	0.273199	0.883583	-1.13175	0.0195232	0.620948	-1.61004	0.0513296	0.930572	-1.07461	0.111737	1.2063	1.2063	4.09416	0.76386	0.165843	1
cg05376405	EIF4;EXOC3L	0.001206	0.00046417	0.180341	-5.54504	0.00103714	0.220682	-4.5314	0.00630763	0.330716	-3.02375	0.283424	0.707051	-1.41431	0.000302294	0.160863	-6.21646	0.00177909	0.250642	-3.98975	0.00442762	0.306862	-3.2588	0.0586538	0.514595	-1.94328	0.0135991	0.386874	-2.58482	11.1559	17.0946	1.36208	1
cg06527461	EIF4;EXOC3L	0.00581171	0.0292033	0.531598	-1.88126	0.0161102	0.153257	-2.6577	0.0353551	0.376228	-2.65777	0.0135852	0.174764	-5.72241	0.0007172	0.0944504	-10.5868	0.0033532	0.243811	-4.10154	0.0127874	0.162626	-6.14255	-1.89814	0.693246	1.1024	1.1024	0.428602	1.21984	1.21984	4.67073	0.7405	0.851257	1
cg00942293	EIF4;EXOC3L	0.0132046	0.643255	0.873417	-1.16756	0.047513	0.512267	-1.95211	0.00806182	0.367331	-2.72232	0.0995509	0.495331	0.0193035	0.1198343	0.1198343	0.170881	0.650314	-1.53772	0.00375367	0.315204	-3.17254	0.159703	0.634976	-1.57486	0.0164477	0.42103	-2.37513	5.40251	7.45111	1.32595	1
cg17638730	EIF5	0.00160796	0.0575737	1.15558	1.15558	0.347705	0.0195202	-2.67017	0.0655544	0.275157	-3.63435	0.0027615	0.137435	0.0013455	0.1275	0.1275	0.1275	0.1817898	0.0189212	1.02244	0.0001106	0.0990782	-1.0093	0.4979364	0.935724	-1.06882	0.0027121	0.144827	1.25717	2.59183	0.101401	1
cg04207142	EIF5;EIF5	0.00297864	0.213965	1.17494	1.17494	0.163716	0.832669	-1.20096	0.01723	0.699198	-1.4298	0.000225549	2.12942	2.12942	0.6655	0.775145	1.29008	0.700389	0.953478	-1.04879	0.0491647	0.758304	-1.31873	0.0419628	0.33481	1.33481	0.519569	1.0838	1.0838	8.57632	2.06198	0.213713	1
cg15248140	EIF5;EIF5	0.00454592	0.707255	1.06066	1.06066	0.683154	1.1606	1.0666	0.0829691	1.34955	1.34955	0.424607	0.88044	-1.1358	0.0459126	0.699572	-1.42944	0.762327	1.0485	1.0485	8.26E-05	0.338433	-3.02633	0.835757	1.03295	1.03295	0.57142	0.914562	-1.09342	7.55441	2.91748	0.343285	1
cg00849990	EIF5;EIF5	0.0122748	0.622636	0.875083	-1.14279	0.0760874	0.545247	1.83464	0.0002952	0.55662	1.79656	0.0007501	0.2731	3.66E-06	0.1434564	0.4029954	2.48478	0.749544	1.12743	1.12743	0.0003272	0.2278837	-3.59923	0.343777	0.364813	1.36483	0.168534	0.562728	0.81961	1.59406	5.51267	0.89678	0.142927	1
cg01065828	EIF5;EIF5	0.0338909	0.0407293	0.750105	-1.33315	0.00781869	0.659985	-1.51519	0.0306104	0.734046	-1.36231	0.988243	0.998208	-1.0018	0.0758889	0.786278	-1.27181	0.879454	1.01864	1.01864	0.127918	1.2218	1.2218	0.0846355	0.792836	-1.2613	0.374087	1.1172	1.1172	3.91237	0.91796	0.20856	1
cg08135591	EIF5;EIF5;EIF5	0.0440785	0.4477709	0.907073	-1.10247	0.0978071	0.625557	-1.54426	0.7913007	0.906728	-1.10304	0.4646118	0.725435	-1.37844	0.3994147	1.1201	1.1201	0.1628972	1.12315	1.12315	0.0003723	0.1666	0.6008	0.0004983	0.0998488	-1.15275	0.2183887	0.842004	-1.18764	4.83815	1.24084	0.241884	1
cg23214755	EIF6;EIF6;EIF6;EIF6;EIF6	0.00085-06	0.000127068	0.0997109	-10.029	0.662483	0.859119	-1.16398	0.00159359	0.208805	-4.78915	0.364418	0.724535	-1.38019	2.90E-05	0.0586468	-17.0512	0.018707	0.373357	-2.6784	2.42E-05	0.0546617	-18.3093	8.42E-05	0.0867369	-11.5291	7.56E-05	0.0885329	-11.9713	25.5924	4.48405	1.68277	1
cg04073840	EIF6;EIF6;EIF6;EIF6;EIF6	0.001074244	0.149385	0.825638	-1.21118	0.00348168	0.611759	-1.63463	7.21E-05	2.44971	2.44971	5.25E-05	2.55154	2.55154	0.0211872	0.709333	-1.40978	0.952895	0.992705	-1.00735	0.149739	0.825795	-1.21095	0.0209425	0.708689	-1.41106	0.655814	1.05717	1.05717	19.0699	4.6394	0.216253	1
cg19388373	EIF6;EIF6;EIF6;EIF6;EIF6	0.000254723	0.3846482	0.91705	-1.25142	0.0961178	0.73873	-1.35423	0.224779	1.35423	1.35423	0.0003983	0.0002	0.0002	0.0001	0.0001	0.0001	0.0004809	0.428718	-2.33153	0.4381	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1
cg02819921	EIF6;EIF6;EIF6;EIF6;EIF6;EIF6;EIF6	0.000934563	0.306657	1.30909	1.30909	0.0728108	0.241298	-2.41298	0.0624938	1.70494	1.70494	0.000333345	0.228874	-4.36921	0.0090604	0.434194	2.30312	0.0156682	0.314685	-3.17778	0.0031548	0.3579399	-2.7933	0.747467	0.921075	-1.08569	0.545774	0.855911	-1.16835	11.9942	2.30127	0.911747	1
cg07736575	EIF6;EIF6;EIF6;EIF6;EIF6;EIF6	0.000993298	0.00048662	0.70946	-1.40932	0.0045335	0.957691	-1.04734	0.0012425	0.597107	-1.67497	0.0001777	0.73941	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00914581	EIF6;EIF6;EIF6;EIF6;EIF6;EIF6	0.0493288	0.0631212	0.824574	-1.21275	0.0878781	0.840446	-1.18984	0.120212	0.855940	-1.16829	0.145225	0.865591	-1.15528	0.281914	0.901956	-1.1087	0.950805	0.992705	-1.00735	0.149739	0.825795	-1.21095	0.0209425	0.708689	-1.41106	0.655814	1.05717	1.05717	19.0699	4.6394	0.216253	1
cg06218478	EIF6;EIF6;EIF6;EIF6;EIF6;EIF6;EIF6	0.0356561	0.396913	1.11717	1.11717	0.0967791	1.3242	1.3242	0.2839734	1.50781	1.50781	0.16691	1.22563	1.22563	0.0494282	0.975653	-1.02496	0.0006960	0.0145093	0.364184	0.6485	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg16743048	EIF7	4.75E-05	0.00033118	0.38491	-3.00034	0.0034619	0.301428	-3.81754	0.00051222	0.325354	-3.10935	0.0041378	0.137128	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg18031663	EIF7	0.00038158	0.00156049	0.149512	-6.68842	4.61E-05	0.0400962	-24.94	0.000661028	0.113037	-8.84664	0.00669166	0.229827	-4.35111	0.0210886	0.313636	-3.18841	0.00465247	0.207346	-4.82286	9.29E-05	0.0541883	-18.4542	0.013003	0.275746	-3.62652	0.0126618	0.273779	-3.65259	15.3989	42.615	2.45902	1
cg00709288	EIF7	0.00197079	0.0209203	1.5315984	1.5315984	0.0078229	0.3476	1.3476	0.0020966	0.5327	1.5327	0.673506	0.780486	-1.28093	0.1666559	0.422536	-2.36666	0.0031502	0.248114	-4.03054	0.0128468	0.1627	1.1627	0.0062	-0.42586	0.0062	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg01164789	EIF7	0.00210228	0.00457866	0.571057	-1.75114	0.032778	0.44873	-1.44873	0.664934	1.06681	1.06681	0.072791	0.743	-1.3589	0.0003032123	0.417979	-2.39246	0.606195	1.08024	1.08024	0.0194128	1.52114	1.52114	0.211891	1.21553	1.21553	0.0949009	1.31311	1.31311	5.50266	3.31526	0.310113	1
cg10128644	EIF7	0.00128441	0.0895334	0.805995	-1.24057	0.0197471	0.818954	-1.22111	0.0183279	1.39624	1.39624	0.004247726	0.640067	-1.56234	0.758663	0.964705	-1.03659	0.820984	0.856044	-1.16804	0.0044565	0.7586663	0.964705	-1.03659	0.856044	-1.16804	0.0044565	0.7586663	0.964705	-1.03659	0.856044	-1.16804	0.0044565	1
cg08630161	EIF7	0.0127233	0.5316264	0.945027	-1.05837	0.0772609	0.19158	1.19158	0.0514548	1.20114	1.20114	0.00291214	0.694148	-1.44062	0.2516163	1.12316	1.12316	0.0168255	0.75923	-1.31725	0.0155353	0.7616691	-1.31287	0.1438771	1.14819	1.14819	0.7229355	0.968733	-1.03228	5.46824	0.68965	0.112104	1
cg26687040	EIF7	0.0130314	0.901378	1.03059	1.03059	0.730864	-1.36824	0.264015	0.753531	-1.32709	0.00453101	0.260633	-3.83681	0.0138373	0.477421	0.29459	0.56181	0.867145	-1.15321	0.237127	1.35126	0.351626	1.42383	1.21824	1.21824	0.593938	1.13973	1.13973	5.49245	5.08047	0.831679	1
cg22480875	EIF7	0.00154708	0.0445301	0.7144	-1.39993	0.0963744	0.31548	-3.16994	0.0012425	0.597107	-1.67497	0.0001777	0.73941	-1.35226	0.0003032123	0.417979	-2.39246	0.268757	0.779484	-1.28307	0.0002834	0.2926551	-3.41703	0.7439091	0.910281	-1.09856	0.1777313	0.664077	-1.50582	5.12795	0.6427	1.15	1
cg07679219	EIF7	0.0227222	0.0570426	0.473115	-2.11365	0.0360926	0.428593	-2.33321	0.0606273	0.479386	-2.086	0.00512163	0.276533	-3.61621	0.00607799	0.287908	-3.47333	0.0841808	0.514743	-1.94272	0.524319	0.7990098	-1.25141	0.818047	0.923027	-1.08339	0.00903315	0.31552	-3.16937	4.50367	8.61725	1.70079	1
cg18463599	EIF7	0.0158639	0.712	1.07005	1.07005	0.2228235	1.23821	1.23821	0.158691	0.75727	-1.28987	0.669492	1.07524	1.07524	0.5092217	1.11977	1.11977	0.5130108	1.11344	1.11344	0.0004074	0.432026	-2.31441	0.7001	0.939334	-1.06617	0.6036916	1.09253	1.09253	5.36461	1.74714	0.401856	1
cg22692964	EIF8	0.00422019	0.00302935	0.330171	-3.29847	0.0730406	0.76238	1.76238	0.00217932	3.5358	3.5358	0.0989703	1.70119	1.70119	?	?	?	0.6949139	1.1231	1.1231	0.116475	0.605911	-1.65043	0.392385	0.773077	-1.29353	0.708354	0.758994	0.58894	1.21464	1
cg26690592	EIF8	0.00614221	0.013547	0.408022	-2.45085	0.154743	0.639658	-1.56334	0.439752	0.793601	-1.26008	0.0374103	0.492338	-2.03112	0.00757394	0.365023	-2.73955	0.2541609	0.705159	-1.41812	0.00834427	0.2287184	-4.37221	0.0202707	0.280169	-3.56927	0.006329	0.352405	-2.83764	6.88913	9.39118	1.21172	1
cg26719327	EIF8	0.00753154	0.0540833	0.643091	-1.55477	0.0967791	1.3242	1.3242	0.2839734	1.50781	1.50781	0.16691	1.22563	1.22563	0.0494282	0.975653	-1.02496	0.0030584	0.619676	-1.61429	0.0119757	0.1561166	-6.40479	0.3328908	0.768951	-1.30095	0.1435163	0.6246	1.6246	0.1	0.1	0.1	0.1	0.1	1
cg25018329	EIF8	0.02216483	0.00201203	0.539395	-1.85393	0.0271304	0.690383	-1.44847	0.259903	1.18113	1.18113	0.737499	1.0488	1.0488	0.1488432	0.802866	-1.24554	0.46849	1.10113	1.10113	0.0501686	1.37205	1.37205	0.596655	0.907136	-1.07859	0.324087	0.865665	-1.15518	4.57917	1.4552	0.282477	1
cg14710044	EIF8	0.01342489	0.72864	0.943616	-1.06001	0.2622766	0.385703	1.62747	0.0247422	1.24742	1.24742	0.241214	1.09314	1.09314	0.0091328	0.228927	-4.36903	0.0816357	0.825155	-1.21162	0.0355737	0.1604209	0.14232	-6.99691	0.0014708	0.3919363	-2.55126	0.2907102	0.4155586	0.4642	0.58116	0.2249788	1
cg00411300	EIF8	0.0376846	0.106632	-1.51323	1.51323	0.956159	0.987157	-1.01301	0.294923	0.7746	-1.29099	0.0843541	1.56665	1.56665	0.0770984	1.58752	1.58752	0.0400315	1.74718	1.74718	0.00923213	0.459791	-2.1749	1.918	0.976077	-1.02451	0.421182	0.824305	-1.21314	3.76459	1.29636	0.778332	1
cg07085895	EIF8;EIF8	0.00409726	0.0378372	0.327324	-1.20872	0.124664	0.782911	-1.27728	0.560283	1.04745	1.04745	0.0477026	0.836751	-1.1951	0.0046672	0.743712	-1.34461	0.2674417	0.962232	-1.03925	0.0020015	0.651716	-1.53441	0.0074202	0.762327	-1.31177	0.161883	1.12476	1.12476	7.75498	0.764991	0.0872255	1
cg05002732	EIF8;EIF8	0.0478731	0.0154708	0.645301	-1.54977	0.0477881	0.14719	-3.41719	0.0180571	1.33169	1.33169	0.0711	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(111T vs. N)	Fold-Change(111T vs. 1047)	p-value(112T vs. N)	Fold-Change(112T vs. 1047)	p-value(121T vs. N)	Fold-Change(121T vs. 1047)	p-value(347T vs. N)	Fold-Change(347T vs. 1047)	p-value(353T vs. N)	Fold-Change(353T vs. 1047)	p-value(537T vs. N)	Fold-Change(537T vs. 1047)	p-value(537T vs. N)	Fold-Change(537T vs. 537T)	p-value(563T vs. N)	Fold-Change(563T vs. 563T)	F(Test)	SS(Test)	SS(Error)	F(Error
cg19480117	EBF3	2.40E-07	3.04E-07	1.03646	2.89604	4.36E-06	0.02166	-4.30727	1.94E-06	0.196097	0.07674	1.36E-05	0.285422	-3.50358	2.53E-07	0.120557	0.42986	1.98E-05	0.93613	-3.25367	2.50E-08	0.0480223	0.598936	-1.67522	4.70E-06	0.235579	-4.24485	105.384	31.7262	0.267604	1
cg06139836	EBF3	9.78E-06	0.197801	1.18749	1.18749	0.00586118	1.57668	1.57668	3.69E-06	3.9225	3.9225	0.733335	1.04412	1.04412	0.233629	0.854156	1.17075	1.03E-06	0.03098	5.03098	0.00021176	0.457646	-2.1851	0.0198724	1.42606	0.0252481	1.39918	1.39918	40.7992	10.208	0.224362	1
cg17325789	EBF3	3.00E-05	0.145544	0.79219	-1.26232	0.00081971	2.12055	2.12055	0.0190002	0.654875	-1.52701	0.777056	0.958566	-1.04323	0.561871	0.916287	-1.09136	1.89E-06	5.82626	5.82626	0.842865	0.970848	-1.03003	2.34E-05	3.52273	3.52273	0.134228	0.78605	-1.27218	30.4489	10.7155	0.312815	1
cg20700606	EBF3	3.79E-05	0.227161	0.79039	-1.28363	7.46E-05	4.12325	4.12325	0.970389	1.00734	1.00734	0.435855	0.850381	-1.16948	0.219165	0.775319	-1.2898	5.12E-06	7.70627	7.70627	0.851373	0.960735	-1.03763	1.27E-05	6.10033	6.10033	0.868135	0.967806	-1.03327	28.6467	17.5962	0.545999	1
cg07137519	EBF3	5.20E-05	0.000391242	0.333379	-2.99959	0.000630038	0.360131	-2.77677	2.04E-06	0.102798	-9.73779	0.803148	0.952612	-1.04975	0.010747	0.536328	-1.86453	0.00996045	0.531213	-1.88248	2.87E-05	0.0280183	0.922618	-1.08387	0.0684118	0.672633	-1.48669	26.3434	15.763	0.531883	1
cg26137940	EBF3	1.58E-05	0.00011956	0.0389882	-25.64548	0.000678931	5.99483	5.99483	0.0753739	1.90026	1.90026	0.000167434	0.105124	-9.51262	0.130392	0.58798	1.70074	0.460168	1.27407	1.27407	7	7	0.124161	0.583887	-1.71855	0.2736	1.44617	1.44617	28.3113	40.006	1.24485	1
cg26121639	EBF3	0.000153099	0.111697	1.449	1.449	0.575773	1.12866	1.12866	0.0342549	0.589302	-1.66692	0.000988093	2.85217	2.85217	6.97E-05	0.211179	-4.73532	0.231224	1.30846	1.30846	6.79E-05	0.210029	-4.76126	0.0124685	1.94564	1.94564	0.141268	0.712698	-1.40312	19.7477	14.3349	0.645245	1
cg25089317	EBF3	0.000153361	0.0053513	0.606727	-1.97945	0.652601	1.08988	1.08988	0.0204382	0.595544	-1.68007	0.664271	1.08429	1.08429	0.0189736	0.922455	-1.08407	0.159153	1.12124	1.12124	0.302653	1.28306	1.28306	0.914207	0.990228	-1.00017	0.405113	0.853981	-1.17099	19.7386	10.7551	0.481431	1
cg20161275	EBF3	2.75E-06	0.218421	0.57832	0.609492	1.10447	0.427565	0.99629	-1.00402	0.742863	-1.91571	0.162757	0.01237	0.01237	0.000804309	0.507454	-1.98112	0.0781194	0.767526	-1.30289	0.155999	1.22772	1.22772	0.132038	0.802736	-1.24574	0.0214248	0.688248	-1.45286	18.9562	5.38141	0.257228	1
cg27647623	EBF3	0.000236196	0.00103992	0.379447	-2.63541	0.23604	1.2812	1.2812	0.00179854	0.41223	-2.42583	0.00418429	0.464996	-2.15056	2.62E-05	0.190103	-5.26029	0.207075	1.30412	1.30412	0.518504	1.13954	1.13954	0.00111939	0.383789	-2.6056	0.0697594	1.49888	1.49888	17.5595	11.0758	0.560674	1
cg07536495	EBF3	0.000263512	0.0262552	0.727715	-1.37481	0.0106	1.50161	1.50161	0.0179123	0.644409	-1.55216	0.0994929	0.755696	1.32407	0.0253355	0.813193	-1.22959	0.153345	0.811598	1.23216	0.0129007	0.775249	1.29006	0.0909539	1.37329	1.37329	0.160782	0.818889	1.22117	15.9624	4.5025	0.282037	1
cg00148712	EBF3	0.000483263	0.0633389	0.369486	-2.70647	0.00042515	0.0698892	-14.3063	0.0334668	0.305844	-3.26964	0.292596	0.594154	-1.68307	0.000212789	0.0523291	-19.1098	0.0533359	0.351137	-2.8479	9.17E-05	0.0357562	-27.9672	0.00035955	0.0634767	-15.7538	0.0046262	0.163928	-6.10025	14.4344	51.9737	3.20062	1
cg05543095	EBF3	0.000545995	0.119886	0.77505	-1.29065	0.117865	0.769211	1.30031	0.00155842	0.478155	-2.0905	0.346944	0.860729	-1.16182	0.000821606	0.458193	-2.18249	0.460686	0.890471	1.123	1.7E-05	0.256603	-3.9058	0.249158	0.830218	-1.20456	0.0726592	1.05706	1.05706	13.3856	5.01142	0.336113	1
cg18833880	EBF3	0.000763927	0.0213994	0.636923	-2.96803	0.04532	0.744556	-1.34308	0.000544777	0.126697	-2.82519	0.19095	0.579901	-1.72443	9.08E-05	0.175339	-5.68977	0.0504896	2.40396	2.40396	0.713301	1.15629	1.15629	0.00565321	0.239342	-4.17812	0.0539912	2.3649	2.3649	12.6958	31.1147	2.17988	1
cg03879918	EBF3	0.000894409	0.838776	0.944515	-1.05875	0.914226	0.70726	-1.03065	0.00141041	0.273843	-3.65172	0.354546	0.765762	-1.30589	0.013007	0.411117	-2.4324	0.622352	0.870136	-1.14924	1.51E-05	0.0809942	-12.3466	0.0122598	0.625755	-1.59807	0.654774	0.885517	-1.13441	12.6944	15.1014	1.10535	1
cg06699461	EBF3	0.001104312	0.0931137	0.780776	-1.41045	0.0499804	0.522234	-1.91485	0.00160518	0.302535	-3.3014	0.270855	0.807799	-1.23793	0.0160807	0.615191	-1.57454	0.0131497	0.564134	-1.77263	5.60E-05	0.247926	-4.03347	0.472533	0.872806	-1.14573	0.106184	0.719995	-1.3889	12.4264	6.38318	0.488021	1
cg05226959	EBF3	0.001065578	0.567746	1.19211	1.19211	0.462355	0.796407	-1.25564	0.000389571	0.178955	-5.58811	0.164853	0.56963	1.56963	0.139217	0.616166	-1.62294	0.889638	1.04315	1.04315	4.94E-05	0.0983277	-10.1701	0.422589	1.28305	1.28305	0.827904	1.06849	1.06849	1.55556	16.9435	1.30333	1
cg09355665	EBF3	0.001145096	0.135093	0.647123	-1.54534	0.0220588	0.731926	-1.7937	0.000175325	0.227134	-4.40308	0.585301	1.13694	1.13694	0.0170943	0.555915	-1.8029	0.165387	0.708481	-1.41147	0.000226229	0.2397237	-4.17147	0.447272	0.832676	-1.20095	0.828859	0.951112	-1.0514	10.5803	9.09109	0.763777	1
cg13734106	EBF3	0.001152521	0.003293	0.514081	-1.94432	0.0990005	0.999793	-1.00021	0.00144504	0.259744	-3.85221	0.449611	-2.19101	0.162672	1.28103	0.0141215	0.590934	0.150225	0.773923	-1.29212	0.000620533	0.43679	-2.29329	0.993044	1.00121	1.00121	0.0126195	1.67264	1.67264	0.46115	0.388743	1.25807	1
cg15229245	EBF3	0.001568825	0.218702	1.7911	1.7911	0.0300943	0.316886	-3.15571	0.010604	0.23505	-4.25441	0.133861	0.48269	-2.07172	0.018556	0.276133	-3.61883	0.0974894	0.440773	-2.26874	4.88E-05	0.0320672	-31.1845	0.00348476	0.167623	-5.96575	0.970601	0.983534	-1.01674	10.3461	33.2589	2.85745	1
cg14250961	EBF3	0.001916695	0.002737166	0.250526	-3.9931	0.0139911	0.212126	-4.71612	0.000304755	0.30894	-3.23748	0.722167	0.887355	-1.12694	0.0033151	0.340614	-2.93648	0.0425431	0.45761	-2.18527	8.18E-05	0.0928037	-10.765	0.157342	0.607291	-1.65895	0.103893	0.551204	-1.81421	9.76567	17.3235	1.57747	1
cg09371530	EBF3	0.002005559	0.473768	0.878107	-1.13881	0.419523	1.15853	1.15853	0.344149	0.840417	-1.18989	0.413228	0.861357	-1.16096	0.132135	0.13634	1.33634	0.00160967	0.46208	-2.24111	0.000102981	0.2959439	-3.40787	0.0560724	1.47118	1.47118	0.706342	0.934698	-1.06986	9.56514	4.82221	0.448128	1
cg00445409	EBF3	0.002303801	0.005621282	0.3994	1.63554	0.0928292	0.103636	-9.63715	0.00133507	0.255052	-3.92041	0.0901998	0.75725	-1.32061	0.0186582	0.44075	-2.26907	0.0099224	0.296507	0.646067	0.0001225	0.1662402	0.887683	0.0780983	-1.12653	0.0728331	0.753155	-1.32775	9.56256	3.99899	0.418221	1
cg27417526	EBF3	0.002241	0.0850217	0.613877	-1.62899	0.0677411	0.591954	-1.68932	0.0223521	0.49591	-2.0165	0.44938	1.21837	1.21837	3.79E-05	0.13183	-7.58555	0.648081	1.12496	1.12496	0.73809	0.917604	-1.08979	0.520282	1.18174	1.18174	0.830647	0.9466	-1.05641	9.12784	3.49127	0.92428	1
cg06261400	EBF3	0.002255259	0.139859	0.74057	-1.74057	0.0322227	0.614268	-2.39907	0.00411138	0.261082	-3.83021	0.903386	1.04466	1.04466	0.0257906	0.393075	-2.51842	0.0667461	0.488143	-2.04858	0.000149208	0.1029977	-9.70917	0.0490975	0.791995	0.791995	0.0291771	1.88747	1.88747	0.69768	0.173457	1.71361	1
cg17245223	EBF3	0.002625258	0.0147657	0.795634	-1.32768	0.0375361	0.571733	-1.74933	0.00172615	0.315526	-3.16855	0.0615438	0.872509	-1.14585	0.0116563	0.552435	-1.81025	0.0178995	0.742357	0.494231	0.0048134	0.3001256	0.810899	0.564336	1.77263	1.77263	0.508205	1.10449	1.10449	0.94522	0.0048225	1.94602	1
cg12509733	EBF3	0.002676874	0.896494	1.04566	1.04566	0.696802	0.874317	-1.14375	0.0370935	0.435926	-2.29397	0.0543702	2.11448	2.11448	0.000774964	0.17464	-5.72606	0.014864	2.79459	2.79459	0.126841	0.567556	-1.76194	0.00346209	3.90165	3.90165	0.130969	0.74958	1.74958	8.76403	16.3164	1.6564	1
cg19074393	EBF3	0.002952398	0.0867442	0.633886	-1.57797	0.0228435	0.731835	-1.88937	0.000709278	0.222534	-4.50198	0.0852382	1.09547	1.09547	0.0285382	0.45614	-2.19268	0.145103	0.685863	-1.4582	0.000265848	0.4549411	-2.19804	0.0285349	0.815426	1.22563	0.0144296	0.603218	0.880837	-1.13546	8.93837	7.90833	0.817553	1
cg07525426	EBF3	0.003053128	0.0883173	0.742981	-1.34593	0.0030952	0.409696	-2.44083	0.750078	1.05178	1.05178	0.728306	0.836961	-1.19494	0.0144404	0.621116	-1.61001	0.937052	1.087599	-1.01256	0.00206879	0.503965	-1.98426	0.0059427	1.48865	1.48865	-2.04557	0.877926	1.97601	1.82508	1.22228	0.351353	1
cg25289339	EBF3	0.003539778	0.56628	1.06393	1.06395	0.00111321	0.596745	-1.67576	0.333659	0.88836	-1.11334	0.538617	1.06921	1.06921	0.23745	0.875429	-1.1423	0.0458969	1.27884	1.27884	0.00070614	1.74166	1.74166	0.652408	0.952433	-1.04994	0.0686928	1.24485	1.24485	8.1462	1.49062	0.162652	1
cg04250961	EBF3	0.003820878	0.1566659	0.647233	-1.54497	0.0314756	0.7409	-1.35	0.00741	0.268443	-3.72528	0.334626	-2.53406	0.111311	0.757139	1.320274	0.395042	0.0853567	0.719355	1.39028	0.3016	0.0183257	0.855625	1.07291	0.82761	1.20924	0.0668727	1.39028	1.39028	5.3016	1.24393	0.352175	1
cg18930976	EBF3	0.00441192	0.108372	0.594707	-1.6815	0.801213	0.17773	-1.07773	0.43914	0.791264	-1.2638	0.103773	0.589883	-1.69525	0.0284117	0.464162	-2.15442	0.528814	0.827519	-1.20843	9.22E-05	0.1426005	0.793619	0.00425857	0.321157	-3.11374	0.992877	1.00265	1.00265	1.78304	10.8522	1.23938	1
cg17319256	EBF3	0.004499023	0.3640947	0.73191	-1.36637	0.0299262	0.774797	-1.2913	0.14883	0.639235	-1.56407	0.66709	1.15282	1.15282	0.0178	0.722118	-1.38477	0.0720525	0.855518	-1.16888	0.00121578	1.44487	1.44487	0.0231907	0.810167	-1.23431	0.614421	0.961529	-1.04027	7.52926	0.702285	0.0850353	1
cg07591155	EBF3	0.004596	0.00325946	0.732159	-1.36582	0.919022	1.00793	1.00793	0.0112686	0.781364	-1.27981	0.677204	0.967988	-1.03307	0.217323	0.9040446	-1.10614	0.640881	1.12496	1.12496	0.73809	0.917604	-1.08979	0.520282	1.18174	1.18174	0.830647	0.9466	-1.05641	9.12784	3.49127	0.92428	1
cg02526981	EBF3	0.004604376	0.00181884	0.237325	-4.21364	0.00479861	0.296837	-3.36885	0.00228337	0.250502	-3.99199	0.122453	0.580903	-1.72146	0.00227802	0.252063	-3.9942	0.756943	1.106	1.106	0.317002	0.441647	-2.26425	0.0153214	0.380613	-2.62734	0.368464	0.74099	-1.34955	7.3191	12.2074	1.48256	1
cg09255332	EBF3	0.005369041	0.731441	1.09305	1.09305	0.0956655	0.802982	-1.24541	0.00619398	0.298575	-3.35002	0.0912268	0.552452	1.55245	0.0001398	0.0593476	1.68506	0.0534178	1.19463	1.19463	0.0111133	0.2939326	-1.589	0.0574439	1.29504	1.29504	0.919843	1.02118	1.02118	1.17171	1.64412	0.403779	1
cg09793619	EBF3	0.00656009	0.00350501	0.267821	-3.73383	0.00245715	0.246252	-4.06089	0.000867575	0.188657	-5.27269	0.147778	0.575331	-1.73813	0.0215769	0.39933	2.5042	0.234153	0.66041	-1.51421	0.0225567	0.403063	-2.481	0.0265938	0.417161	-2.39716	0.640917	0.855333	-1.16913	6.71816	11.7747	1.55793	1
cg01058433	EBF3	0.00745359	0.0102171	0.490466	-2.03899	0.0157357	0.713579	-1.40146	0.00133511	0.257669	-3.88122	0.0221756	1.1674	1.1674	0.00918264	0.570337	-1.75367	0.0491208	0.838314	0.838314	0.0138478	0.1700182	-5.88147	0.0034768	0.604798	-1.65307	0.0033128	0.184798	-5.41098	7.24964	0.0962052	0.0137897	1
cg23111131	EBF3	0.00772728	0.0615823	0.791352	-1.26366	0.167073	0.848998	-1.17765	0.00127809	0.227965	-4.38762	0.0229078	1.22805	1.22805	0.0126806	0.526436	-1.89947	0.0430957	0.09345	0.09345	0.0002244	0.0220428	0.505007	-1.98017	0.439095	0.09166	0.09166	0.0299671	0.887475	1.12679	4.43668	1.25463	0.173882	1
cg03774288	EBF3	0.00823353	0.357033	0.681388	-1.46759	0.84916	0.925885	-1.08005	0.0469334	0.39809	-2.51199	0.846494	1.08166	1.08166	0.000349536	0.0975033	-10.2561	0.71836	1.15798	1.15798	0.135133	0.520853	-1.91993	0.0233578	2.99612	2.99612	0.34282	1.48556	1.48556	6.28691	16.1306	2.30894	1
cg17720259	EBF3	0.008043	0.0102117	0.490466	-2.03899	0.0157357	0.713579	-1.40146	0.00133511	0.257669	-3.88122	0.0221756	1.1674	1.1674	0.00918264	0.570337	-1.75367	0.0491208	0.838314	0.838314	0.0138478	0.1700182	-5.88147	0.0034768	0.604798	-1.65307	0.0033128	0.184798	-5.41098	7.24964	0.0962052	0.0137897	1
cg23111131	EBF3	0.00772728	0.0615823	0.791352	-1.26366	0.167073	0.848998	-1.17765	0.00127809	0.227965	-4.38762	0.0229078	1.22805	1.22805	0.0126806	0.526436	-1.89947	0.0430957	0.09345	0.09345	0.0002244	0.0220428	0.505007	-1.98017	0.439095	0.09166	0.09166	0.0299671	0.887475	1.12679	4.43668	1.25463	0.173882	1
cg03774288	EBF3	0.00823353	0.357033	0.681388	-1.46759	0.84916	0.925885	-1.08005	0.0469334	0.39809	-2.51199	0.846494	1.08166	1.08166	0.000349536	0.0975033	-10.2561	0.71836	1.15798	1.15798	0.135133	0.520853	-1.91993	0.0233578	2.99612	2.99612	0.34282	1.48556	1.48556	6.28691	16.1306	2.30894	1
cg17720259	EBF3	0.008043	0.0102117	0.490466	-2.03899	0.0157357	0.713579	-1.40146	0.00133511	0.257669	-3.88122	0.0221756	1.1674	1.1674	0.00918264	0.570337	-1.75367	0.0491208	0.838314	0.838314	0.0138478	0.1700182	-5.88147	0.0034768	0.604798	-1.65307	0.0033128	0.184798	-5.41098	7.24964	0.0962052	0.0137897	1
cg07045241	EBF3	0.00853128	0.00572214	0.47818	0.47818	0.43998	0.918557	-1.08866	0.0199251	0.738534	-1.35403	0.394034	0.910124	-1.09875	0.78247	0.970005	-1.03092	0.219253	0.86991	-1.14954	0.409319	0.912993	-1.0953	0.00291447	1.55465	1.55465	0.112269	1.20505	1.20505	5.81174	0.107105	0.163814	1
cg16803064	EBF3	0.00854128	0.194007	0.714286	-1.4	0.0784837	0.722514	-1.38464	0.0119252	0.284611	-3.51416	0.335135	0.816168	-1.22506	0.0161136	0.565062	-1.76985	0.0741783	0.54125	0.850661	0.0131776	0.1660071	-6.02271	0.0078582	0.768582	-1.30126	0.0179238	0.444444	0.444444	0.15808	0.447214	2.23607	1
cg06344553	EBF3	0.00857153	0.0120137	0.240768	1.31973	1.31973	0.0685052	0.58516	1.58516	0.198146	0.7354742	-1.35962	0.215961	1.34201	1.34201	0.0694581	0.632078	-1.58208	0.056997	1.62666	1.62666	0.486504	1.17319	1.17319	0.00557555	2.27596	2.27596	0.00211747	2.6539	2.6539	5.57143	4.503	0.718426	1
cg09326135	EBF3	0.00859153	0.1344886	0.637299	-1.56917	0.0218865	0.724727	-1.38037	0.00209703	0.272654	-3.66166	0.781807	1.03582	1.03582	0.0285348	0.534569	-1.8455	0.0248663	0.717275	1.11755	0.0185925	0.4744311	-2.10279	0.0229464	0.861085	1.16133	0.0164426	0.79099	0.79099	5.64127	0.613877	0.98013	1
cg06442620	EBF3	0.00947381	0.00568692	0.324069	-3.08362	0.707654	0.43312	-2.30821	0.00162612	0.240669	-4.09248	0.015313	0.492289	0.23129	0.0111525	0.215784	-4.63425	0.0752459	0.402955	0.402955	0.0002406	0.0210846	0.010202	0.355417	-2.8136	0.655723	0.866488	1.15408	5.21327	0.84238	0.1499	1
cg15069620	EBF3	0.01500227	0.368083	0.793979	-1.25948	0.153881	1.46368	1.46368	0.107035	0.644667	-1.55119	0.881157	0.963358	-1.03804	0.173269	0.696573	-1.4356	0.952813	1.01488	1.01488	0.000272297	0.2256444	-4.43177	0.791993	0.936174	-1.06818	0.738539	0.919807	-1.08718	1.58039	5.10877	0.8766	1
cg07554626	EBF3	0.01512372	0.158103	0.577715	-1.73114	0.0119868	0.194408	-5.14276	0.00135503	0.288402	-3.47045	0.0886042	0.780953	-1.28065	0.172335	0.794886	-1.25839	0.0776859	0.31015	-3.22436	0.0001242	0.0194217	0.764803	0.31015	0.316629	0.784	0.0178306	0.762869	0.762869	-1.31084	5.56619	0.24393	0.362175	1
cg11779296	EBF3	0.01515669	0.450331	0.885197	-1.12969	0.0102351	0.598579	-1.67062	0.25946	0.829852	-1.20503	0.0726793	1.37365	1.37365	0.00864455	1.69938	1.69938	0.331948	1.17197	1.17197	0.00964372	1.68095	1.68095	0.524216	1.10774	1.10774	0.207859	1.23434	1.23434	5.16177	2.05482	0.353853	1
cg04582294	EBF3	0.01515147	0.0422573	0.247137	-4.68743	0.0194636	0.423171	-2.33553	0.00207051	0.376587	-2.65543	0.313382	0.656669	-1.52284	0.0105306	0.422782	-2.36477	0.0312682	0.152688	0.152688	0.0053804	0.1479077	0.0018381	0.0122906	0.544531	-1.83712	0.0112751	0.498418	-2.00635	5.12314	2.2032	0.39382	1
cg04912982	EBF3	0.01550449	0.019266	0.227192	-4.40257	0.0440291	0.297799	-3.35797	0.0470811	0.32693	-3.05974	0.0408014	0.463941	-2.15545	0.0164352	0.315504	-3.16853	0.0108571	0.390387	-2.56156	0.000750842	0.0688154	-14.5316	0.0824402	0.100161	-9.98	0.0116161	0.0867022	0.379401	-2.6925	5.08106	22.0517	0.85776	1
cg06964541	EBF3	0.017425	0.34224	0.74835	-1.48335	0.3362	1.49119	1.49119	0.0757986	0.450989	-2.21735	0.428433	0.892438	1.12399	0.0139098	0.492385	-2.03111	0.0199727	0.329491	0.0306285	0.268719	0.372136	0.0395927	2.60914	0.909964	0.955441	-1.04664	0.0098091	3.72155	3.72155	0.0375101	2.6447	2.6447	0.92856	12.674	2.28581	1
cg22600322	EBF3	0.017444	0.0744444	0.512195	-1.95238	0.0326007	0.685285	-1.45924	0.0533573	0.412268	-2.42605	0.0239354	0.912688	-1.09595	0.0194147	0.775561	-1.28922	0.0209934	0.05605	0.05605	0.0001746	0.0029304	0.056602	-17.6759	0.0029304	0.13607	-7.34809	0.006278	0.678399	-1.47406	0.116126	1.64381	0.64388	1
cg04217539	EBF3	0.017995	0.0903344	0.793637	-1.26002	0.319962	0.880373	-1.13588	0.0254327	0.71969	-1.38949	0.0560594	0.764913	-1.30734	0.876029	0.980852	-1.01952	0.161605	0.831015	-1.20335	0.00491348	1.58645	1.58645	0.0644338	1.2934	1.2934	0.219563	0.852247	-1.17337	4.87554	1.18424	0.215906	1
cg04478817	EBF3	0.018183802	0.0470579	0.678805	-1.47318	0.0561184	0.675576	-1.44597	0.0053282	0.534815	-1.86981	0.920382	0.983102	-1.01719	0.041414	0.606986	-1.64924	0.0540857	0.147763	0.147763	0.0004779	0.0076423	0.136603	-7.31884	0.0778261	0.153017	0.153017	0.0014	0.44494	0.22792	0.4048089	1
cg13916885	EBF3	0.018183808	0.0380907	0.593994	-1.68352	0.0324871	0.581381	-1.72004	0.59452	0.890113	-1.12345	0.0130916	0.513344	-1.94801	0.0311328	0.582881	1.71562	0.284104	0.785761	-1.27265	0.00503683	0.447425	-2.2339	0.0035155	0.424827	-2.3539	0.870302	0.962514	-1.03604	4.80156	0.57005	0.660906	1
cg05892817	EBF3	0.018861	0.017232	1.69047	1.69047	0.213597	0.789031	-1.26738	0.279839	0.816064	-1.22539	0.207619	1.27177	1.27177	0.440634	0.867379	-1.1529	0.157938	0.760981	-1.31409	0.0030683	0.4802342	-2.08232	0.0787646	1.42363	1.42363	0.353447	0.841356	-1.18856	4.79891	2.48797	0.460839	1
cg14773286	EBF3	0.019024704	0.515123	1.08101	1.08101	0.0127	0.0127	-1.34748	0.0107157	0.232724	-4.29707	0.0107157	1.13353	1.13353	0.157414	0.764004	-1.30855	0.0249261	0.0001	0.0001	0.0001	0.0001	-10.0308	0.00726156	0.664494	-1.5049	0.0373045	1.13012	1.13012	4.52307	0.997931	0.156101	1
cg15251598	EBF3	0.02543466	0.0339974	4.49585	4.49585	0.761527	2.20241	1.20241	0.612598	1.36237	1.36237	0.116183	2.81204	2.81204	0.515318	1.49107	1.49107	0.0499037	3.87381	3.87381	0.0985913	2.70709	2.70709	0.00657633	8.4764	8.4764	0.00497268	5.90456	5.90456	4.33105	25.1555	5.16282	1
cg17295910	EBF3	0.02808476	0.1366027	0.65672	-1.52285	0.0248288	0.557418	-1.79455	0.0144776	0.309755	-3.22966	-1.48773	0.0710534	1.26629	0.0152208	0.4

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04593426	ECEL1	0.0133588	0.0551498	0.75486	-1.32475	0.0100024	0.65663	-1.52293	0.622287	1.06633	1.06633	0.159237	1.2148	1.2148	0.0888861	0.784493	-1.27471
cg25431974	ECEL1	0.0216576	0.22559	0.806379	-1.24011	0.130435	1.31812	1.31812	0.17178	0.781927	-1.27889	0.244414	1.22866	1.22866	0.0159216	0.60701	-1.64742
cg09736968	ECEL1	0.0223196	0.129477	0.569132	-1.75706	0.243773	0.657291	-1.5214	0.496545	0.788567	-1.26812	0.00638958	3.39063	3.39063	0.018293	0.373293	-2.67886
cg01856162	ECEL1	0.0351087	0.0241543	4.09585	4.09585	0.0199178	4.36529	4.36529	0.122098	2.408	2.408	0.0963321	2.60543	2.60543	0.947658	0.966155	-1.03503
cg17204652	ECEL1P2	0.00479025	0.0317927	2.18707	2.18707	0.442748	1.27553	1.27553	0.00143365	4.19346	4.19346	0.00115362	4.41505	4.41505	0.140445	1.63744	1.63744
cg00706683	ECEL1P2	0.00633161	0.0450629	0.639705	-1.56322	0.00117146	0.396351	-2.52302	0.00621257	0.500043	-1.99983	0.700437	0.927649	-1.07799	0.00355123	0.464133	-2.15455
cg23288337	ECEL1P2	0.0120753	0.562948	1.20544	1.20544	0.779037	1.09402	1.09402	0.454672	0.784043	-1.27544	0.793539	1.0874	1.0874	0.00170621	0.239047	-4.18328
cg08690379	ECEL1P2	0.0146411	0.0236474	0.280309	-3.56749	0.0118144	0.227655	-4.39261	0.0112153	0.22407	-4.4629	0.0168449	0.253397	-3.94638	0.0139788	0.239573	-4.17409
cg09490371	ECEL1P2	0.031409	0.0557006	2.6885	2.6885	0.312612	1.61037	1.61037	0.0294562	3.22108	3.22108	0.0103208	4.36728	4.36728	0.0574705	2.66477	2.66477
cg21562889	ECH1	0.00446321	0.427908	0.801525	-1.24762	0.909431	0.969467	-1.03149	0.330494	1.31643	1.31643	0.328414	1.31811	1.31811	0.976467	1.00807	1.00807
cg13659813	ECH1	0.0163287	0.011042	0.435282	-2.29736	0.0440889	1.82868	1.82868	0.891324	1.03631	1.03631	0.098208	1.60524	1.60524	0.011966	0.441238	-2.26635
cg07859880	ECH1	0.0297202	0.0230233	0.284817	-3.51103	0.220624	1.81283	1.81283	0.491419	0.724084	-1.38105	0.896377	0.941581	-1.06204	0.00639003	0.194111	-5.1517
cg17858098	ECH1	0.0320501	0.722369	0.948531	-1.05426	0.0938259	0.761161	-1.31378	0.523693	0.908718	-1.10045	0.0321707	1.45014	1.45014	0.360215	0.869941	-1.1495
cg02581667	ECH1	0.0486142	0.00544158	0.645763	-1.54856	0.0951819	0.803117	-1.24515	0.755152	1.03812	1.03812	0.143526	0.828645	-1.20679	0.0252741	0.72753	-1.37451
cg02103895	ECHDC1;ECHDC1;ECHDC1;ECHDC1	1.17E-05	1.45E-05	0.247932	-4.03336	0.13448	0.779114	-1.28351	0.916906	1.01627	1.01627	0.562626	1.09476	1.09476	0.0477923	0.704668	-1.41911
cg07513276	ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.0090604	0.256541	0.848828	-1.1781	0.0551905	1.35099	1.35099	0.548908	1.08756	1.08756	0.0221381	0.684092	-1.46179	0.595034	0.928441	-1.07707
cg04060561	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.00750314	0.00279655	0.127211	-7.86094	0.0117591	0.207029	-4.83024	0.00505654	0.156418	-6.39313	0.0428519	0.311446	-3.21083	0.00151078	0.101529	-9.84939
cg21791967	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.0129838	0.202595	0.870731	-1.14846	0.295948	1.11797	1.11797	0.0143331	1.36436	1.36436	0.354539	0.906641	-1.10297	0.303293	0.896089	-1.11596
cg04064050	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.0335515	0.894317	1.03278	1.03278	0.0289073	0.535186	-1.86851	0.118968	1.50783	1.50783	0.0265935	1.89233	1.89233	0.347976	0.790963	-1.26428
cg03252700	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.0361556	0.166235	1.20712	1.20712	0.136063	1.2273	1.2273	0.135166	1.22796	1.22796	0.145117	0.819129	-1.22081	0.823376	1.02892	1.02892
cg04774194	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.0171274	0.701535	0.967381	-1.03372	0.0344341	1.23669	1.23669	0.116311	1.15832	1.15832	0.134964	0.870423	-1.14887	0.010599	0.758203	-1.31891
cg12547516	ECHDC2	0.00813625	0.00682659	0.731414	-1.36721	0.516726	1.06043	1.06043	0.00502978	0.718073	-1.39262	0.692314	0.965123	-1.03614	0.120949	1.16195	1.16195
cg11380580	ECHDC2	0.0141763	0.00569295	0.145209	-6.88663	0.31784	1.7322	1.7322	0.476244	1.47024	1.47024	0.0108886	0.182513	-5.47907	0.00668119	0.153774	-6.50307
cg14743702	ECHDC3	2.69E-05	2.82E-05	0.0814047	-12.2843	0.156018	1.5875	1.5875	1.40E-05	15.7764	15.7764	0.356862	1.33451	1.33451	0.12945	0.607215	-1.64686
cg07446677	ECHDC3	7.50E-05	0.00289929	0.330069	-3.02967	0.111201	0.625147	-1.59962	2.07E-05	10.2354	10.2354	0.601395	0.867015	-1.15338	0.569083	1.1686	1.1686
cg10543363	ECHDC3	0.000727991	0.0528442	0.454859	-2.19848	0.312758	0.688138	-1.4532	0.000361188	7.74827	7.74827	0.199906	0.61586	-1.62374	0.402327	0.735793	-1.35908
cg17990569	ECHDC3	0.000824949	0.292752	1.3167	1.3167	0.00722339	2.39601	2.39601	0.56037	1.15999	1.15999	0.104383	1.56435	1.56435	1.89E-05	0.111609	-8.95987
cg23960723	ECHDC3	0.00119803	0.285861	0.72459	-1.38009	0.0142452	0.415325	-2.40776	0.000437512	5.0277	5.0277	0.0900277	1.72127	1.72127	0.223944	0.68982	-1.44965
cg11103390	ECHDC3	0.00379075	0.0189911	0.172994	-5.78056	0.0674752	0.282059	-3.54536	0.133073	2.72127	2.72127	0.825784	1.14589	1.14589	0.129618	2.7498	2.7498
cg17782954	ECHDC3	0.00384673	0.116259	0.612586	-1.63242	0.000186446	0.163466	-6.11746	0.460964	0.806139	-1.24048	0.761046	0.916153	-1.09152	0.00129852	0.260511	-3.83861
cg00673251	ECHDC3	0.00456108	0.033544	0.267935	-3.73225	0.423052	0.647912	-1.54342	0.00168442	10.8152	10.8152	0.0723687	0.345256	-2.8964	0.218008	0.502945	-1.98829
cg16944070	ECHDC3	0.00691899	0.071592	0.604772	-1.65351	0.0135963	0.466167	-2.14515	0.514802	1.17953	1.17953	0.0122759	0.458561	-2.18073	0.157924	0.685644	-1.45848
cg09064095	ECHDC3	0.00764384	0.102442	0.75622	-1.32237	0.352012	0.860921	-1.16155	0.000942222	0.46243	-2.16249	0.593114	0.919128	-1.08799	0.862757	0.97331	-1.02742
cg09219688	ECHDC3	0.0104635	0.055484	0.280961	-3.55922	0.00737721	0.13272	-7.53464	0.00286424	0.0907294	-11.0218	0.721354	1.23303	1.23303	?	?	?
cg18832655	ECHDC3	0.0177838	0.00535168	0.65509	-1.52651	0.379885	1.10945	1.10945	0.218249	1.16106	1.16106	0.804332	0.971783	-1.02904	0.102115	1.22912	1.22912
cg25087434	ECHDC3	0.0376774	0.0772003	0.482012	-2.07464	0.994341	1.00264	1.00264	0.578386	0.811783	-1.23186	0.941645	0.973174	-1.02757	0.00289132	0.21839	-4.57896
cg05991820	ECHDC3	0.0409716	0.0152055	0.166686	-5.99929	0.0225558	0.193706	-5.16247	0.528435	0.681273	-1.46784	0.185018	0.429682	-2.3273	0.0405649	0.241442	-4.14178
cg24428042	ECHDC3;ECHDC3	4.77E-05	0.805214	1.07158	1.07158	0.313048	0.746795	-1.33905	2.13E-05	10.9727	10.9727	0.495138	0.823815	-1.21387	0.786763	1.07882	1.07882
cg14032732	ECHDC3;ECHDC3	0.000297184	0.479895	0.735512	-1.3596	0.207479	0.566344	-1.76571	0.000235662	13.5599	13.5599	0.463004	0.726484	-1.37649	0.206516	0.565587	-1.76808
cg26182964	ECHS1	2.96E-05	7.18E-06	0.210123	-4.75912	0.051285	0.705188	-1.41806	0.798945	1.04099	1.04099	0.0923545	1.3385	1.3385	5.22E-06	0.196358	-5.09275
cg24730459	ECHS1	0.00120255	0.148051	0.740806	-1.34988	0.50801	0.878237	-1.13864	0.0225017	0.589538	-1.69624	0.00152575	0.413851	-2.41633	0.00486152	0.485823	-2.05836
cg11699515	ECHS1	0.00405732	0.104105	0.610587	-1.63777	0.00290393	0.32098	-3.11546	0.208933	0.692304	-1.44445	0.524974	1.19584	1.19584	0.000243634	0.185642	-5.38671
cg24905316	ECHS1	0.00454692	0.0200141	0.573528	-1.74359	0.375634	1.19733	1.19733	0.963298	0.990927	-1.00916	0.0246979	1.69846	1.69846	0.326419	0.818178	-1.22223
cg17392909	ECHS1	0.0123824	0.00490329	0.575159	-1.73865	0.631942	1.07423	1.07423	0.0030046	1.82886	1.82886	0.0372112	0.698487	-1.43167	0.428602	0.88701	-1.12738
cg09915092	ECHS1	0.0432813	0.274736	0.706092	-1.41625	0.006671	2.93843	2.93843	0.0440389	2.03115	2.03115	0.15333	1.59717	1.59717	0.262709	0.699349	-1.4299
cg16386293	ECM1;ECM1	0.00934323	0.547346	0.843696	-1.18526	0.00454116	2.87259	2.87259	0.424458	0.796383	-1.25568	0.0624117	0.556888	-1.79569	0.00876237	0.393803	-2.53934
cg26799398	ECM1;TARS2;ECM1	0.00640156	0.0872895	0.469118	-2.13166	0.109866	0.497209	-2.01122	0.59246	0.805229	-1.24188	0.0112827	0.280161	-3.56938	0.00023804	0.0871518	-11.4742
cg16982077	ECSCR	0.0289303	0.0237627	0.457339	-2.18656	0.368868	0.765258	-1.30675	0.0326706	0.484519	-2.0639	0.349866	1.32175	1.32175	0.00384863	0.323323	-3.09288
cg05935360	ECSIT;ECSIT;ECSIT;ECSIT	0.00082271	0.000137701	0.309346	-3.23263	0.347447	0.85418	-1.17071	0.00819422	1.77009	1.77009	0.0113771	0.586962	-1.70369	0.0163454	0.611601	-1.63505
cg14704527	ECSIT;ECSIT;ECSIT;ECSIT	0.00240083	0.216442	0.69215	-1.44477	0.04065	0.512402	-1.95159	0.023874	0.466445	-2.14387	0.0107501	0.403868	-2.47606	0.000661451	0.228736	-4.37186
cg21515159	ECSIT;ECSIT;ECSIT;ECSIT	0.0111723	0.651559	0.892797	-1.12008	0.0963319	1.57688	1.57688	0.00693223	2.3906	2.3906	0.00440031	0.387354	-2.58162	0.547617	1.16391	1.16391
cg10171267	ECSIT;ECSIT;ECSIT;ECSIT	0.0221745	0.664433	1.09456	1.09456	0.0102168	0.511551	-1.95484	0.00766581	0.49193	-2.03281	0.536123	1.13847	1.13847	0.905538	1.02488	1.02488
cg15161055	ECSIT;ECSIT;ECSIT;ECSIT	0.0265905	0.00589198	0.567718	-1.76144	0.429173	0.880904	-1.1352	0.0932384	1.33658	1.33658	0.0627112	0.719601	-1.38966	0.0911745	0.746527	-1.33954
cg01436526	ECSIT;ECSIT;ECSIT;ECSIT	0.0343317	0.0779271	0.266227	-3.7562	0.129693	3.02211	3.02211	0.554726	1.49729	1.49729	0.631197	0.721259	-1.38647	0.107958	0.305771	-3.27042
cg18347040	ECSIT;ECSIT;ECSIT;ECSIT	0.0385327	0.118999	1.57972	1.57972	0.0426395	1.87895	1.87895	0.0143274	2.26143	2.26143	0.135039	0.647021	-1.54554	0.447993	0.811417	-1.23241
cg00793605	ECSIT;ECSIT;ECSIT;ECSIT	0.0430259	0.184911	0.799859	-1.25022	0.371602	1.15685	1.15685	0.00126403	2.11138	2.11138	0.433977	1.13519	1.13519	0.510896	1.11172	1.11172
cg07953034	ECSIT;ECSIT;ECSIT;ECSIT;ECSIT;ECSIT;ECSIT	2.37E-05	0.00546131	0.805129	-1.24204	8.02E-05	1.52546	1.52546	1.18E-05	1.73364	1.73364	0.0117574	0.829739	-1.2052	4.45E-05	0.632133	-1.58195
cg24817403	ECSIT;ECSIT;ECSIT;ECSIT;ECSIT;ECSIT;ECSIT	0.0490925	0.650624	0.953977	-1.04824	0.00784844	1.42267	1.42267	0.0946436	1.20905	1.20905	0.0949089	1.20883	1.20883	0.376653	1.09829	1.09829
cg11224407	ECSIT;ECSIT;ECSIT;ECSIT;ZNF653	0.0182447	0.112519	0.849233	-1.17753	0.0808781	1.20093	1.20093	0.716464	1.0351	1.0351	0.0735171	1.20772	1.20772	0.259872	0.894785	-1.11759
cg06444515	ECSIT;ECSIT;ECSIT;ECSIT;ZNF653	0.0211221	0.0497056	0.388078	-2.5768	0.01283	0.270714	-3.69394	0.0314898	0.344194	-2.90533	0.163015	0.532816	-1.87682	0.069394	0.423653	-2.36042
cg08651281	ECT2	0.00180615	0.00844836	0.457575	-2.18543	0.637452	0.895512	-1.11668	0.00401678	0.407127	-2.45623	0.108308	0.665452	-1.50274	0.000644853	0.296071	-3.37756
cg10028625	ECT2	0.00325079	0.08654	0.684763	-1.46036	0.00320191	0.447163	-2.23632	0.0139948	0.544999	-1.83487	0.21372	0.769613	-1.29935	0.0275111	0.593677	-1.68442
cg10111146	ECT2	0.00458004	0.0745119	0.806065	-1.24059	0.0969924	0.820653	-1.21854	0.00178616	0.617313	-1.61992	0.999829	0.999977	-1.00002	0.133891	0.839113	-1.19173
cg23056602	EDA2R	1.03E-06	0.000117051	0.227433	-4.39691	1.25E-06	0.0645855	-15.4834	0.000926457	0.337724	-2.961	0.0067748	0.462905	-2.16027	2.00E-06	0.0760545	-13.1485
cg26328611	EDA2R	4.34E-05	0.503607	1.29522	1.29522	0.000673028	0.137783	-7.25779	0.045113	0.416377	-2.40167	0.000948082	0.152879	-6.54113	0.00301682	0.212326	-4.70974
cg10153260	EDA2R	0.000135414	0.705093	0.889862	-1.12377	0.00113792	0.230188	-4.34428	0.00349057	0.296323	-3.3747	0.00540665	0.325079	-3.07617	0.00349584	0.296419	-3.3736
cg14372520	EDA2R	0.000267905	0.389938	1.43244	1.43244	0.0116102	0.276084	-3.62209	0.00626452	0.233865	-4.27597	0.0326618	0.360692	-2.77245	0.0141032	0.29057	-3.44151
cg03853861	EDA2R	0.000369378	0.0211628	0.310321	-3.22247	0.00118936	0.134493	-7.43533	0.0718339	0.428068	-2.33608	0.0346953	0.353644	-2.82771	0.109019	0.478138	-2.09145
cg25880538	EDA;EDA;EDA;EDA;EDA	8.70E-06	0.0472805	0.731645	-1.36678	1.23E-05	0.280933	-3.55957	1.22E-05	0.28046	-3.56557	1.39E-05	0.286836	-3.48632	1.11E-05	0.276223	-3.62026
cg25969791	EDA;EDA;EDA;EDA;EDA	0.00324867	0.00092535	0.154984	-6.4523	0.128943	0.538815	-1.85593	0.00688945	0.267556	-3.73754	0.00971917	0.291499	-3.43055	0.000907416	0.154088	-6.48981
cg19210487	EDA;EDA;EDA;EDA;EDA;EDA	0.000526181	0.9973	1.00073	1.00073	2.92E-05	0.171986	-5.81444	0.0024156	0.403594	-2.47774	0.0175266	0.537481	-1.86053	0.000189184	0.258762	-3.86455
cg10594245	EDAR	0.00292704	0.320671	1.1645	1.1645	0.170183	1.24211	1.24211	0.0140489	0.637613	-1.56835	0.220421	1.21072	1.21072	0.33747	0.863499	-1.15808
cg27138223	EDAR	0.0119023	0.179035	1.46237	1.46237	0.0329742	1.94252	1.94252	0.109986	1.59017	1.59017	0.507821	1.19588	1.19588	0.00107363	0.276302	-3.61923
cg06495401	EDAR	0.0126359	0.0919934	0.822599	-1.21566	0.842733	0.979304	-1.02113	0.77339	0.970062	-1.03086	0.431523	1.08819	1.08819	0.797697	0.973319	-1.02741
cg12915878	EDAR	0.0127582	0.185476	0.78202	-1.27874	0.0592554	1.45197	1.45197	0.0101786	0.566949	-1.76383	0.522981	0.892824	-1.12004	0.106523	0.734455	-1.36155
cg02565132	EDAR	0.0312833	0.0341799	0.234211	-4.26966	0.0248487	4.79966	4.79966	0.645034	0.761519	-1.31316	0.0299052	0.223027	-4.48376	0.00771608	0.133954	-7.46526
cg26888063	EDAR	0.0372525	0.0263352	0.196544	-5.08791	0.0679911	0.282991	-3.53368	0.0897158	0.314969	-3.17492	0.360493	0.559576	-1.78707	0.0114189	0.141543	-7.065
cg01124420	EDAR;EDAR	0.000618164	9.69E-05	0.322918	-3.09676	0.0409169	1.46922	1.46922	0.0512643	0.696349	-1.43606	0.0104321	0.591097	-1.69177	0.343637	0.85294	-1.17242
cg18964582	EDARADD	0.0146879	0.250794	0.815834	-1.22574	0.433882	1.14505	1.14505	0.49301	0.888612	-1.12535	0.0120758	0.588097	-1.7004	0.870217	1.02812	1.02812
cg00178850	EDARADD;EDARADD	1.09E-05	0.000168173	0.407652	-2.45307	3.49E-06	0.2169	-4.61043	0.00027594	0.434131	-2.30345	0.0560131	1.35434	1.35434	0.000308912	0.440208	-2.27166
cg14615868	EDARADD;EDARADD	0.000235559	0.00052181	0.529624	-1.88813	0.681798	0.952713	-1.04963	0.000318848	1.98333	1.98333	0.00472789	0.643408	-1.55422	0.240224	0.865465	-1.15545
cg15677293	EDARADD;EDARADD	0.000320059	0.000418563	0.325385	-3.07328	0.000103453	0.251985	-3.96848	0.0197038	0.568162	-1.76006	0.0157032	1.81173	1.81173	0.168865	0.745108	-1.34209
cg20822052	EDARADD;EDARADD	0.000411222	0.369769	1.16122	1.16122	0.00165053	0.481465	-2.07699	0.0141054	0.611636	-1.63496	0.523227	0.900336	-1.1107	0.000343456	0.392504	-2.54775
cg15202123	EDARADD;EDARADD	0.00122207	0.0472254	0.706471	-1.41549	8.99E-05	0.34224	-2.92192	0.0679462	0.731343	-1.36735	0.271165	1.19162	1.19162	0.0297458	0.676052	-1.47918
cg04311403	EDARADD;EDARADD	0.00215077	0.338082	0.758531	-1.31834	0.0278898	0.48327	-2.06924	0.0963617	0.599929	-1.66686	0.150353	1.53951	1.53951	0.288926	1.36081	1.36081
cg12437148	EDARADD;EDARADD	0.00850414	0.00691769	0.509192	-1.9639	0.000409776	0.338375	-2.9553	0.665208	0.91937	-1.0877	0.352202	1.20305	1.20305	0.748663	0.939817	-1.06404
cg09164898	EDARADD;EDARADD	0.010355	0.326358	0.696784	-1.43516	0.00448932	0.25906	-3.86011	0.660143	1.17089	1.17089	0.971858	1.01266	1.01266	0.363789	0.716952	-1.39479
cg15086439	EDARADD;EDARADD	0.010506	0.143427	0.611266	-1.63595	0.854511	0.944155	-1.05915	0.00175193	0.247516	-4.04014	0.184815	0.643837	-1.55319	0.00156768	0.241183	-4.14623
cg04031361	EDARADD;EDARADD	0.0169257	0.00741793	0.18131	-5.51543	0.809761	0.887449	-1.12683	0.238145	0.542403	-1.84365	0.0302176	0.28319	-3.5312	?	?	?
cg16240480	EDARADD;EDARADD	0.0381587	0.114385	0.667037	-1.49917	0.807537	1.05924	1.05924	0.0491469	0.58888	-1.69814	0.114096	0.666784	-1.49974	0.0286954	0.544177	-1.83764
cg23020486	EDARADD;EDARADD;EDARADD	0.0436801	0.450207	0.658845	-1.51781	0.00357801	0.117659	-8.49915	0.99091	0.993841	-1.0062	0.0650261	0.32511	-3.07588	0.149793	0.432819	-2.31043
cg22657536	EDC3;EDC3;EDC3	0.000488941	7.17E-06	8.85227	8.85227	0.215327	1.33225	1.33225	0.378703	1.21976	1.21976	0.0285343	0.56643	-1.76544	0.180842	1.36687	1.36687
cg24527973	EDC3;EDC3;EDC3	0.00109334	0.255387	1.31507	1.31507	0.00663569	0.443664	-2.25396	0.303224	0.781939	-1.27887	0.160493	1.41314	1.41314	2.68E-05	0.147592	-6.77544
cg10986864	EDC3;EDC3;EDC3	0.0115093	0.0874247	1.64715	1.64715	0.278287	1.34738	1.34738	0.150277	0.665087	-1.50356	0.0763887	1.68436	1.68436	0.670187	1.11997	1.11997
cg11152412	EDC3;EDC3;EDC3	0.0347859	0.762453	1.10174	1.10174	0.0394174	2.14165	2.14165	0.0472028	2.06637	2.06637	0.618406	1.1741	1.1741	0.634047	0.857889	-1.16565
cg26843110	EDC3;EDC3;EDC3	0.0430593	0.259545	1.44683	1.44683	0.390717	1.3181	1.3181	0.050248	0.496115	-2.01566	0.0162256	2.51763	2.51763	0.0753674	0.537009	-1.86217
cg17582250	EDC4	8.14E-07	0.934944	0.990378	-1.00972	0.0825829	1.2557	1.2557	0.0326645	0.743757	-1.34453	8.68E-09	0.0612205	-16.3344	0.00228315	1.65731	1.65731
cg09999650	EDC4	4.28E-05	0.00212053	0.680252	-1.47004	0.0132864	1.31477	1.31477	0.040722	0.809991	-1.23458	9.63E-05	0.538579	-1.85674	7.67E-06	0.416329	-2.40195
cg03076246	EDC4	0.00153315	0.726543	0.958876	-1.04289	0.00118953	1.76533	1.76533	0.00705215	0.659338	-1.51667	0.883899	0.982676	-1.01763	0.238206	0.862639	-1.15923
cg06695812	EDC4	0.00219316	0.889127	1.04076	1.04076	0.308433	1.35249	1.35249	0.00278372	0.306968	-3.25767	0.1393	0.633979	-1.57734	0.123008	0.619651	-1.61381
cg09395969	EDC4;NRN1L	0.00316558	0.00443274	3.91608	3.91608	0.000160344	10.1565	10.1565	0.00651181	3.56501	3.56501	0.0381302	2.3727	2.3727	0.0232184	2.65233	2.65233
cg00925722	EDC4;NRN1L	0.00466382	0.0116726	2.61636	2.61636	0.00178791	3.88246	3.88246	0.00367675	3.31468	3.31468	0.0146782	2.50119	2.50119	0.113178	1.69233	1.69233
cg22250390	EDEM1	1.44E-05	7.61E-07	0.111483	-8.97001	0.0539807	0.69736	-1.43398	0.0837689	0.729544	-1.37072	0.209963	1.24322	1.24322	5.39E-05	0.289164	-3.45824
cg17177006	EDEM1	8.51E-05	0.00441477	0.446127	-2.24152	8.56E-05	0.223427	-4.47573	0.000646588	0.32904	-3.03914	0.000126829	0.242486	-4.12394	0.000287353	0.284445	-3.51561
cg12801072	EDEM1	0.00199303	0.208524	1.31595	1.31595	0.157998	0.73105	-1.3679	0.204401	0.757766	-1.31967	0.000482379	0.297402	-3.36245	0.478572	0.862129	-1.15992
cg12525224	EDEM1	0.00598793	0.00126217	0.54223	-1.84423	0.00096186	0.527626	-1.89528	0.424707	1.11184	1.11184	0.774297	1.0381	1.0381	0.01678	0.684167	-1.46163
cg01815263	EDEM1	0.0141483	0.00548743	0.182411	-5.48212	0.0110756	0.226619	-4.41269	0.00512385	0.178492	-5.60248	0.0947323	0.424954	-2.35319	0.00609061	0.188501	-5.305
cg15589582	EDEM1	0.0179371	0.98462	1.00772	1.00772	0.252477	1.61115	1.61115	0.0138816	3.36333	3.36333	0.0048074	4.44989	4.44989	0.765461	0.887478	-1.12679
cg05964723	EDEM1	0.0225377	0.054801	0.748837	-1.3354	0.0897236	1.28197	1.28197	0.820948	1.03056	1.03056	0.311128	0.870094	-1.1493	0.0473551	0.739874	-1.35158
cg21887591	EDEM1	0.0339831	0.170046	0.651903	-1.53397	0.204619	0.675774	-1.47978	0.0483107	0.516527	-1.93601	0.215168	0.682506	-1.46519	0.0322879	0.479996	-2.08335
cg04838987	EDEM2;EDEM2;EDEM2	0.00557343	0.00519219	0.650134	-1.53814	0.0300932	0.742494	-1.34681	0.0048219	1.54724	1.54724	0.685631	0.95361	-1.04865	0.0863648	1.24749	1.24749
cg26036652	EDEM2;EDEM2;EDEM2	0.00628143	0.375398	0.859934	-1.16288	0.603797	1.09072	1.09072	0.851527	1.03157	1.03157	0.00496165	0.53955	-1.8534	0.966239	0.993004	-1.00705
cg22411400	EDEM2;EDEM2;EDEM2	0.021652	0.941992	0.965124	-1.03614	0.153103	2.10921	2.10921	0.246731	1.80553	1.80553	0.818275	1.11881	1.11881	0.432745	1.47777	1.47777
cg17429900	EDEM3	0.000770918	0.380065	0.828367	-1.20719	0.00160153	2.57708	2.57708	0.0120788	1.92407	1.92407	0.784406	1.05903	1.05903	0.0223815	0.564258	-1.77224
cg15067827	EDEM3	0.00428397	0.0110781	0.50133	-1.99469	0.000902797	2.9344	2.9344	0.0114853	1.98459	1.98459	0.378435	0.822111	-1.21638	0.0275348	0.568382	-1.75938
cg09875087	EDEM3	0.0275578	0.0179117	0.594623	-1.68174	0.00744646	1.86389	1.86389	0.201831	1.2757	1.2757	0.706568	0.933952	-1.07072	0.308247	0.826513	-1.2099
cg13999501	EDEM3	0.0276069	0.141136	1.18311	1.18311	0.0296671	1.31253	1.31253	0.00961832	1.41655	1.41655	0.818613	0.97589	-1.02471	0.0143082	1.37837	1.37837
cg04902921	EDEM3;EDEM3	0.00963933	0.620378	1.20028	1.20028	0.222482	1.59799	1.59799	0.0136875	3.04881	3.04881	0.308937	1.46962	1.46962	0.106123	1.90646	1.90646
cg14570006	EDF1;EDF1	0.00074237	0.0641768	1.14782	1.14782	7.95E-05	0.623386	-1.60414	0.0420132	0.856149	-1.16802	0.507768	0.956439	-1.04554	0.000805402	0.715216	-1.39818
cg13884636	EDF1;EDF1	0.0350037	0.950264	1.01183	1.01183	0.098794	0.710792	-1.40688	0.0742005	1.45533	1.45533	0.719051	0.934138	-1.07051	0.0524219	1.51589	1.51589
cg13551229	EDF1;EDF1	0.0424735	0.688114	0.920129	-1.0868	0.138963	0.719972	-1.38894	0.905054	1.02492	1.02492	0.150798	1.37388	1.37388	0.868225	1.03485	1.03485
cg22920665	EDIL3	0.00282454	4.55E-05	0.0929039	-10.7638	0.39713	1.30639	1.30639	0.897917	0.961208	-1.04036	0.0878047	0.559457	-1.78745	0.0223279	0.43001	-2.32553
cg02067030	EDIL3	0.00701167	0.323227	0.653868	-1.52936	0.202556	0.571107	-1.75098	0.0834668	0.450332	-2.22058	0.26956	0.619565	-1.61404	0.00060647	0.110721	-9.03168
cg17559809	EDIL3	0.009422	0.62232	1.09643	1.09643	0.000458311	2.78177	2.78177	0.440173	0.864181	-1.15716	0.457024	1.15079	1.15079	0.203452	0.779645	-1.28263
cg24553364	EDIL3	0.0123267	0.00292917	0.376733	-2.6544	0.972507	1.00827	1.00827	0.00193547	0.350725	-2.85124	0.387941	1.23537	1.23537	0.615339	1.12864	1.12864
cg24002167	EDIL3	0.0143952	0.0282051	0.752424	-1.32904	0.283867	0.884959	-1.13	0.605553	1.05885	1.05885	0.0868369	1.23071	1.23071	0.719388	0.961171	-1.0404
cg11559250	EDIL3	0.0154968	0.876022	1.0263	1.0263	0.00599561	1.81717	1.81717	0.022256	1.57723	1.57723	0.29408	0.834447	-1.1984	0.0144147	0.605605	-1.65124
cg16036043	EDIL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07690181	EDIL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11697123	EDIL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02265105	EDIL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05179846	EDIL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19613968	EDIL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07714708	EDN1;EDN1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04593426	0.232092	0.850354	-1.17598	0.97951	0.996684	-1.00333	0.0147714	1.47409	1.47409	0.0145198	1.47619	1.47619	5.38202	1.42608	0.235531	1
cg25431974	0.279828	1.20923	1.20923	0.0117566	0.587338	-1.7026	0.0310074	1.53449	1.53449	0.268195	0.822814	-1.21534	4.57849	2.07354	0.402565	1
cg09736968	0.394335	1.35012	1.35012	0.0307345	0.417625	-2.39449	0.314667	1.43013	1.43013	0.312927	1.4321	1.4321	4.53144	8.49675	1.66672	1
cg01856162	0.463212	0.675974	-1.47935	0.686274	0.808189	-1.23733	0.00759464	6.05326	6.05326	0.0356364	3.60577	3.60577	3.86279	16.8269	3.87214	1
cg17204652	0.627919	1.16401	1.16401	0.830743	0.935604	-1.06883	0.00450391	3.24584	3.24584	0.00319363	3.4968	3.4968	7.43511	11.3867	1.36132	1
cg00706683	0.966231	0.991809	-1.00826	0.0021326	0.432422	-2.31256	0.130714	0.728293	-1.37307	0.202267	0.769861	-1.29894	6.82468	4.07934	0.531319	1
cg23288337	0.0755519	0.531533	-1.88135	0.00493487	0.304353	-3.28565	0.0335339	2.21079	2.21079	0.295408	0.707056	-1.41431	5.5622	8.99078	1.43681	1
cg08690379	0.0475013	0.343993	-2.90703	0.00576291	0.182093	-5.49169	0.0822066	0.403972	-2.47542	0.0104806	0.219471	-4.55641	5.22231	18.3287	3.11972	1
cg09490371	0.573119	1.29657	1.29657	0.309319	1.61598	1.61598	0.0103492	4.36371	4.36371	0.00646602	5.02857	5.02857	4.02058	13.2506	2.9295	1
cg21562889	0.444004	0.807943	-1.23771	0.00010011	0.125842	-7.94647	0.240206	0.713594	-1.40136	0.0470823	1.88228	1.88228	8.84291	10.1791	0.895307	1
cg13659813	0.618768	1.13985	1.13985	0.0656766	0.583342	-1.71426	0.0577446	1.75044	1.75044	0.454214	1.22009	1.22009	5.03678	5.43141	0.958533	1
cg07859880	0.0205309	0.275474	-3.6301	0.0120617	0.235479	-4.24666	0.641923	0.805461	-1.24153	0.478175	0.716687	-1.39531	4.10045	13.8595	3.00444	1
cg17858098	0.0232632	1.49438	1.49438	0.0185616	1.52626	1.52626	0.201043	0.818719	-1.22142	0.177724	0.808842	-1.23634	3.99164	1.38698	0.308862	1
cg02581667	0.597672	0.938297	-1.06576	0.143117	0.828462	-1.20706	0.0974369	0.804535	-1.24295	0.219423	1.167	1.167	3.42446	0.775597	0.201322	1
cg02103895	0.0186089	1.55467	1.55467	0.173603	0.799377	-1.25097	7.34E-05	0.327815	-3.0505	4.55E-07	0.110732	-9.03079	38.9415	14.7539	0.336776	1
cg07513276	0.00225134	0.553341	-1.8072	0.00441898	0.591074	-1.69184	0.35993	0.877862	-1.13913	0.113054	1.26958	1.26958	6.09941	1.85027	0.269647	1
cg04060561	0.0393893	0.303392	-3.29607	0.0121496	0.20923	-4.77943	0.237951	0.538659	-1.85646	0.0340233	0.289868	-3.44984	6.47316	25.6786	3.52616	1
cg21791967	0.0454608	0.789727	-1.26626	0.00967128	1.40059	1.40059	0.00705403	1.43095	1.43095	0.269252	1.12568	1.12568	5.43235	0.910982	0.149063	1
cg04064050	0.101692	0.647378	-1.54469	0.665206	0.899731	-1.11144	0.147294	0.685655	-1.45846	0.028274	1.8748	1.8748	3.92658	3.66257	0.829122	1
cg03252700	0.697333	1.0511	1.0511	0.0231035	0.707248	-1.41393	0.196519	1.19021	1.19021	0.00772222	1.54709	1.54709	3.82184	0.984147	0.228894	1
cg04774194	0.583881	1.04879	1.04879	0.00651411	0.737502	-1.35593	0.522324	1.05743	1.05743	0.135358	1.14868	1.14868	4.95709	0.58225	0.104407	1
cg12547516	0.00577498	0.724111	-1.381	0.315007	1.09717	1.09717	0.036965	0.805544	-1.2414	0.0189205	0.775923	-1.28879	6.31051	0.79619	0.11215	1
cg11380580	0.0972751	0.379736	-2.63341	0.0376401	0.277174	-3.60784	0.934601	1.04464	1.04464	0.0279382	0.251079	-3.98281	5.27812	23.667	3.98577	1
cg14743702	0.0656492	1.87589	1.87589	2.11E-05	13.6059	13.6059	0.00204256	3.75732	3.75732	0.565154	0.837722	-1.19371	31.339	46.026	1.30546	1
cg07446677	0.0276187	2.0241	2.0241	1.68E-05	10.9406	10.9406	0.0010698	3.70128	3.70128	0.89582	1.0361	1.0361	23.9087	27.755	1.03189	1
cg10543363	0.168323	1.69132	1.69132	9.64E-05	11.9807	11.9807	0.00959154	3.2346	3.2346	0.194711	0.611995	-1.634	12.8687	26.1154	1.80389	1
cg17990569	0.938063	0.980602	-1.01978	0.18041	1.43123	1.43123	0.731666	1.09064	1.09064	0.928796	1.02278	1.02278	12.4242	12.502	0.894457	1
cg23960723	0.0933087	1.71005	1.71005	0.00048297	4.90787	4.90787	0.0125715	2.46466	2.46466	0.155701	0.64308	-1.55502	11.177	14.9534	1.18922	1
cg11103390	0.307445	1.92063	1.92063	0.000311009	37.0978	37.0978	0.24034	2.13705	2.13705	0.0245511	0.191185	-5.23054	7.98051	48.2353	5.37256	1
cg17782954	0.764921	0.917502	-1.08992	0.142917	1.57157	1.57157	0.206502	0.682124	-1.46601	0.519924	1.20596	1.20596	7.94541	10.3731	1.16049	1
cg00673251	0.0840422	2.75631	2.75631	0.00531036	7.0174	7.0174	0.0286093	3.93405	3.93405	0.173444	0.463855	-2.15584	7.54678	33.6222	3.96015	1
cg16944070	0.0613634	0.590433	-1.69367	0.0268821	1.92567	1.92567	0.00440829	0.386688	-2.58606	0.0058155	0.405392	-2.46675	6.63916	6.57032	0.879672	1
cg09064095	0.755619	1.05003	1.05003	0.000633908	0.440102	-2.2722	0.0812961	0.739229	-1.35276	0.470079	1.12176	1.12176	6.43557	2.49175	0.344164	1
cg09219688	0.234414	0.482357	-2.07316	0.0104238	0.151611	-6.59582	0.844689	1.12156	1.12156	0.00767589	0.134783	-7.41934	5.94136	28.6172	4.81661	1
cg18832655	0.0842238	1.24641	1.24641	0.0332898	1.33225	1.33225	0.21799	0.861205	-1.16116	0.0297616	0.744585	-1.34303	4.89497	1.03075	0.187176	1
cg25087434	0.195211	0.601167	-1.66343	0.224005	0.622211	-1.60717	0.0183773	0.345539	-2.89403	0.0157507	0.333175	-3.00142	3.76485	8.22642	1.94227	1
cg05991820	0.313912	0.534805	-1.86984	0.571044	1.41062	1.41062	0.0369197	0.233097	-4.29007	0.00911006	0.136565	-7.32251	3.65067	20.8783	5.08358	1
cg24428042	0.295285	1.35484	1.35484	1.57E-06	29.6706	29.6706	0.0217221	2.16172	2.16172	0.233618	0.705112	-1.41822	26.9567	33.423	1.10211	1
cg14032732	0.56709	1.28076	1.28076	2.88E-05	33.5733	33.5733	0.000413571	10.9911	10.9911	0.665909	1.20419	1.20419	16.4927	47.79	2.57569	1
cg26182964	0.00107274	0.46746	-2.13922	0.000300056	0.396308	-2.52329	0.423231	0.879206	-1.13739	0.000152115	0.359649	-2.78049	30.5635	11.9904	0.348722	1
cg24730459	0.816888	0.956146	-1.04587	4.37E-05	0.223342	-4.47744	0.334916	1.21199	1.21199	0.595088	1.10928	1.10928	11.165	6.61023	0.526265	1
cg11699515	0.998415	0.999449	-1.00055	0.0737753	1.73907	1.73907	0.213868	1.43815	1.43815	0.746803	0.913988	-1.09411	7.81887	9.54511	1.08514	1
cg24905316	0.0152485	0.554231	-1.8043	0.00240482	0.432809	-2.31049	0.00120908	0.391127	-2.55672	0.271165	0.797	-1.2547	7.5539	4.69329	0.552273	1
cg17392909	0.828502	1.03271	1.03271	0.103205	1.30272	1.30272	0.527248	1.0997	1.0997	0.291517	0.850111	-1.17632	5.51699	1.92342	0.309899	1
cg09915092	0.180912	1.54501	1.54501	0.511598	1.22613	1.22613	0.0213035	2.33383	2.33383	0.84703	1.06093	1.06093	3.57716	5.31312	1.32026	1
cg16386293	0.00767859	0.38433	-2.60193	0.149236	0.649425	-1.53982	0.181861	1.48518	1.48518	0.123807	0.627996	-1.59237	6.04011	7.45262	1.09676	1
cg26799398	0.128822	0.517851	-1.93106	0.259418	1.60271	1.60271	0.310783	1.52266	1.52266	0.0443915	0.396247	-2.52368	6.80149	17.3153	2.26295	1
cg16982077	0.0653222	0.548944	-1.82168	0.0476472	0.518617	-1.92821	0.50022	0.820068	-1.21941	0.0302965	0.477954	-2.09225	4.13975	5.50966	1.18304	1
cg05935360	0.0736464	1.38957	1.38957	0.00580944	0.542129	-1.84458	0.0136463	0.599282	-1.66866	0.00123965	0.442469	-2.26005	15.2336	6.21342	0.317237	1
cg14704527	0.00181272	0.285209	-3.50621	0.000578862	0.221804	-4.50849	0.00397144	0.334315	-2.99119	0.0120436	0.412373	-2.42499	9.14018	11.5846	1.12661	1
cg21515159	0.0526302	0.5772	-1.7325	0.0941254	0.63186	-1.58263	0.070773	0.604341	-1.6547	0.142385	0.674791	-1.48194	5.70387	5.62061	0.875914	1
cg10171267	0.0784815	0.667256	-1.49868	0.182152	0.74593	-1.34061	0.0460669	1.60511	1.60511	0.170555	1.3527	1.3527	4.54161	3.08214	0.603241	1
cg15161055	0.128468	1.29455	1.29455	0.810876	1.03838	1.03838	0.127877	0.772109	-1.29515	0.101664	1.32518	1.32518	4.26445	1.6673	0.347535	1
cg01436526	0.252134	0.445666	-2.24384	0.00367939	0.0704708	-14.1903	0.0317967	0.182665	-5.47451	0.0852794	0.276572	-3.6157	3.89417	28.1492	6.42538	1
cg18347040	0.281178	0.738832	-1.35349	0.017074	2.19403	2.19403	0.44512	1.23411	1.23411	0.736626	0.912818	-1.09551	3.73405	4.31875	1.02807	1
cg00793605	0.237159	0.82144	-1.21737	0.748007	0.950094	-1.05253	0.787017	0.9579	-1.04395	0.39257	1.14925	1.14925	3.58505	1.43225	0.355116	1
cg07953034	0.847378	1.01149	1.01149	0.0236545	0.851945	-1.17378	0.00231922	1.28702	1.28702	0.120884	1.10491	1.10491	32.3986	1.805	0.0495221	1
cg24817403	0.146337	1.17484	1.17484	0.0361236	0.777371	-1.28639	0.72149	1.03768	1.03768	0.560984	0.94106	-1.06263	3.41178	0.577024	0.150335	1
cg11224407	0.495723	0.936665	-1.06762	0.00875208	0.72914	-1.37148	0.337271	1.0981	1.0981	0.00682332	1.39306	1.39306	4.85303	0.687706	0.125961	1
cg06444515	0.0906219	0.454636	-2.19956	0.00122189	0.135271	-7.39256	0.162519	0.532368	-1.8784	0.0269199	0.330229	-3.0282	4.61788	13.0743	2.51666	1
cg08651281	0.00099674	0.320915	-3.11609	0.00122647	0.333093	-3.00216	0.4893	0.84934	-1.17738	0.00166028	0.351278	-2.84675	9.93195	8.50217	0.760926	1
cg10028625	0.107583	0.703808	-1.42084	0.000252116	0.299084	-3.34354	0.447308	1.16756	1.16756	0.00218291	0.423272	-2.36255	8.35615	5.29443	0.563198	1
cg10111146	0.051113	0.785814	-1.27257	0.00105221	1.69196	1.69196	0.909865	0.987787	-1.01236	0.0677406	0.800886	-1.24862	7.53728	1.40545	0.165748	1
cg23056602	0.396723	0.826571	-1.20982	2.35E-07	0.0333579	-29.9779	7.43E-07	0.0533424	-18.7468	4.29E-06	0.0973072	-10.2767	72.8549	55.5814	0.678138	1
cg26328611	0.810644	1.0958	1.0958	7.21E-06	0.0229259	-43.6187	1.56E-05	0.033253	-30.0725	5.48E-05	0.057082	-17.5187	27.644	63.594	2.04486	1
cg10153260	0.464333	1.25679	1.25679	2.67E-05	0.0783549	-12.7624	0.0002941	0.163617	-6.11185	3.39E-05	0.0850719	-11.7548	20.4114	30.4485	1.32599	1
cg14372520	0.617508	1.22799	1.22799	1.56E-05	0.0261683	-38.2141	0.000321678	0.093091	-10.7422	0.000475333	0.106645	-9.37692	16.9668	44.7166	2.34269	1
cg03853861	0.529445	1.3086	1.3086	2.63E-05	0.0298948	-33.4506	0.000465596	0.0979054	-10.2139	0.000292358	0.082712	-12.0901	15.5373	43.8597	2.50921	1
cg25880538	0.0151016	1.50839	1.50839	0.210701	0.833974	-1.19908	0.0437598	0.726821	-1.37585	8.04E-06	0.260828	-3.83395	42.0577	12.6229	0.266785	1
cg25969791	0.821799	0.918492	-1.08874	0.00360652	0.22649	-4.41521	0.176276	0.58167	-1.71919	0.00523442	0.249517	-4.00774	8.35778	18.8023	1.99971	1
cg19210487	0.0322263	0.583543	-1.71367	0.506303	0.865181	-1.15583	0.00473071	0.446698	-2.23865	0.607853	0.894802	-1.11757	14.0895	10.2916	0.649285	1
cg10594245	0.0374273	0.698779	-1.43107	0.590068	1.08407	1.08407	0.00247243	0.535493	-1.86744	0.000286126	0.415196	-2.4085	8.6209	3.00752	0.310101	1
cg27138223	0.377737	1.27249	1.27249	0.0231234	2.06083	2.06083	0.524763	0.842311	-1.18721	0.709428	1.10479	1.10479	5.5883	6.27418	0.997986	1
cg06495401	0.3132	1.11608	1.11608	0.000222255	1.9103	1.9103	0.969577	1.00402	1.00402	0.822404	0.97661	-1.02395	5.48071	0.962126	0.156042	1
cg12915878	0.215608	1.25638	1.25638	0.0020323	2.14226	2.14226	0.65303	0.923813	-1.08247	0.648029	0.922668	-1.08381	5.46352	2.65353	0.431716	1
cg02565132	0.29338	0.527208	-1.89679	0.35175	0.56959	-1.75565	0.855016	0.898143	-1.11341	0.15092	0.404928	-2.46957	4.02634	21.9965	4.85612	1
cg26888063	0.05102	0.253451	-3.94554	0.00944317	0.131124	-7.62639	0.0189484	0.17293	-5.78268	0.0783219	0.298844	-3.34623	3.78047	22.8363	5.36942	1
cg01124420	0.000819715	0.439458	-2.27553	0.00125245	0.463759	-2.15629	0.060643	1.41183	1.41183	0.911686	0.982072	-1.01826	13.4713	5.6723	0.37428	1
cg18964582	0.330655	0.843439	-1.18562	0.00987896	1.73846	1.73846	0.0072087	0.555295	-1.80084	0.0246275	0.635104	-1.57455	5.21681	2.37726	0.405061	1
cg00178850	0.000756954	0.488938	-2.04525	6.56E-06	0.245166	-4.07886	0.00138375	1.91505	1.91505	0.00569135	0.60158	-1.66229	39.6863	12.3422	0.27644	1
cg14615868	0.932572	0.990106	-1.00999	4.88E-05	0.407727	-2.45262	0.0278364	0.736786	-1.35725	0.329986	1.12538	1.12538	17.5724	3.84259	0.194375	1
cg15677293	0.0211077	0.57314	-1.74477	0.00239333	0.427702	-2.33807	0.00303444	2.25974	2.25974	0.425386	0.849272	-1.17748	16.1611	10.3107	0.567109	1
cg20822052	0.467341	1.12751	1.12751	0.00972113	0.588173	-1.70018	0.000189263	2.77708	2.77708	0.106997	1.33047	1.33047	15.0846	6.29092	0.370703	1
cg15202123	0.0037646	0.549674	-1.81926	0.00117442	0.48252	-2.07245	0.189315	1.23713	1.23713	0.794413	1.04077	1.04077	11.1138	4.12241	0.329713	1
cg04311403	0.00512831	0.355319	-2.81437	0.000458594	0.213534	-4.6831	0.00298132	3.12759	3.12759	0.397461	0.784683	-1.2744	9.43955	11.7092	1.10262	1
cg12437148	0.324777	0.821731	-1.21694	0.00920516	0.528126	-1.89349	0.919486	1.01971	1.01971	0.144881	0.739099	-1.353	6.22306	3.67458	0.524869	1
cg09164898	0.0339246	0.413617	-2.41769	0.0273949	0.3944	-2.5355	0.00264647	4.40585	4.40585	0.867975	0.942409	-1.06111	5.84495	11.767	1.78951	1
cg15086439	0.580469	0.839648	-1.19098	0.0127814	0.379723	-2.6335	0.37786	1.32746	1.32746	0.0533208	0.502969	-1.9882	5.81787	9.03102	1.37981	1
cg04031361	0.00499908	0.158953	-6.29117	0.0319135	0.288007	-3.47214	0.0081395	0.186918	-5.34993	0.0635111	0.355943	-2.80944	5.06958	17.494	3.45078	1
cg16240480	0.0348469	0.559945	-1.78589	0.0241824	0.530597	-1.88467	0.0162939	0.500264	-1.99894	0.013527	0.486412	-2.05587	3.74742	3.29982	0.782718	1
cg23020486	0.00654763	0.147246	-6.79135	0.832718	0.891625	-1.12155	0.954209	0.969337	-1.03163	0.187849	0.46912	-2.13165	3.56496	16.6066	4.1407	1
cg22657536	0.0466999	1.6503	1.6503	0.409016	0.830489	-1.20411	0.0636697	1.58185	1.58185	0.550677	0.875637	-1.14203	14.3794	11.0188	0.681143	1
cg24527973	0.985259	1.00427	1.00427	0.0291319	0.552633	-1.80952	0.26131	1.31024	1.31024	0.662646	1.10656	1.10656	11.4721	9.66688	0.749017	1
cg10986864	0.837042	0.946988	-1.05598	0.630603	0.879725	-1.13672	0.000358202	4.54787	4.54787	0.0387242	1.88345	1.88345	5.64938	6.25858	0.984742	1
cg11152412	0.344623	0.732618	-1.36497	0.670589	0.872189	-1.14654	0.00156339	4.27428	4.27428	0.965601	1.01388	1.01388	3.87572	6.27066	1.43816	1
cg26843110	0.8491	0.941935	-1.06164	0.0680965	0.526444	-1.89954	0.465438	1.26274	1.26274	0.119088	1.70103	1.70103	3.58401	5.59821	1.38844	1
cg17582250	0.000368483	0.50897	-1.96475	0.908082	1.01377	1.01377	0.591154	0.937799	-1.06633	0.0893443	1.24839	1.24839	77.2931	17.1696	0.197454	1
cg09999650	0.00247465	0.68708	-1.45544	0.0401525	1.23555	1.23555	0.0460154	1.22625	1.22625	0.00240627	1.45806	1.45806	27.7338	3.49469	0.112007	1
cg03076246	0.155625	1.19927	1.19927	0.000554627	0.526819	-1.89819	0.842032	1.02415	1.02415	0.00753778	1.50866	1.50866	10.4138	2.3592	0.201373	1
cg06695812	0.000549524	0.215008	-4.65098	0.000325359	0.189341	-5.28148	0.939615	1.02194	1.02194	0.0203167	0.448759	-2.22837	9.38584	12.1957	1.155	1
cg09395969	0.0115279	3.114	3.114	0.0233378	2.64925	2.64925	0.0189223	2.77832	2.77832	0.0139338	2.98014	2.98014	8.42254	17.2401	1.81946	1
cg00925722	0.0215967	2.32086	2.32086	0.0187282	2.38552	2.38552	0.00136747	4.12779	4.12779	0.005893	3.00286	3.00286	7.49587	11.0563	1.3111	1
cg22250390	0.30854	0.840577	-1.18966	3.40E-05	0.266351	-3.75445	0.23214	1.22935	1.22935	6.99E-05	0.302317	-3.30779	36.8942	15.8657	0.38225	1
cg17177006	0.000323238	0.290735	-3.43956	1.29E-05	0.142946	-6.99566	0.0186093	0.54553	-1.83308	0.000607868	0.325543	-3.07179	23.1138	16.5164	0.635172	1
cg12801072	0.0407498	0.608765	-1.64267	0.57977	0.891311	-1.12194	0.0023265	2.51627	2.51627	0.00298019	2.41465	2.41465	11.51	7.52931	0.508788	1
cg12525224	0.0460159	0.742777	-1.3463	0.0556253	0.75424	-1.32584	0.802904	1.03306	1.03306	0.690785	1.05337	1.05337	6.94347	1.85971	0.238076	1
cg01815263	0.133015	0.469876	-2.12822	0.0202736	0.271387	-3.68477	0.470197	0.7101	-1.40825	0.0232453	0.28251	-3.5397	5.28155	18.1641	3.05703	1
cg15589582	0.715617	1.15719	1.15719	0.0604058	2.32786	2.32786	0.00429317	4.59012	4.59012	0.0135438	3.38463	3.38463	4.88087	12.3071	2.24133	1
cg05964723	0.0235627	0.698324	-1.432	0.00318818	0.585824	-1.707	0.366108	1.13123	1.13123	0.249534	0.852309	-1.17328	4.51632	1.26128	0.248241	1
cg21887591	0.75985	0.914146	-1.09392	0.00241731	0.290301	-3.4447	0.123695	1.62932	1.62932	0.317418	0.73891	-1.35334	3.90854	5.30624	1.20676	1
cg04838987	0.789954	1.03165	1.03165	0.180256	1.18068	1.18068	0.0346373	1.3331	1.3331	0.0108563	1.45259	1.45259	7.09858	1.53169	0.191799	1
cg26036652	0.751092	0.948584	-1.0542	0.000318962	0.380373	-2.629	0.0053529	0.544197	-1.83757	0.119599	0.755686	-1.3233	6.84152	2.98118	0.387332	1
cg22411400	0.516714	0.72564	-1.37809	0.00430722	0.155371	-6.43619	0.00319176	0.140301	-7.12752	0.334505	0.615374	-1.62503	4.5789	17.2562	3.34991	1
cg17429900	0.108704	0.693591	-1.44177	5.74E-05	0.209972	-4.76255	0.706005	1.08248	1.08248	0.739334	0.932551	-1.07233	12.6633	8.7709	0.615665	1
cg15067827	0.653233	0.906623	-1.10299	0.994361	1.00153	1.00153	0.157035	1.38827	1.38827	0.0529123	1.611	1.611	7.69152	5.72359	0.66146	1
cg09875087	0.233284	0.797883	-1.25332	0.0777297	0.70173	-1.42505	0.162057	0.76359	-1.3096	0.220335	1.26215	1.26215	4.21131	2.17716	0.459538	1
cg13999501	0.473477	1.08054	1.08054	0.0567976	1.25741	1.25741	0.86012	1.01892	1.01892	0.00490738	1.48589	1.48589	4.20868	0.752393	0.158908	1
cg04902921	0.0140294	0.329901	-3.03121	0.00168284	0.193669	-5.16345	0.395463	0.727464	-1.37464	0.878157	0.945453	-1.05769	5.98037	12.6617	1.88196	1
cg14570006	0.00496902	1.27954	1.27954	0.739846	0.978154	-1.02233	0.296478	1.07439	1.07439	0.668661	0.971865	-1.02895	12.7982	0.89054	0.0618516	1
cg13884636	0.749627	0.9414	-1.06225	0.00261027	2.19534	2.19534	0.24702	1.25646	1.25646	0.144275	1.34422	1.34422	3.86698	2.17858	0.500782	1
cg13551229	0.769992	1.06235	1.06235	0.00123406	2.64973	2.64973	0.16572	1.35655	1.35655	0.913892	1.02256	1.02256	3.60231	2.4278	0.599073	1
cg22920665	0.0408032	0.482943	-2.07064	0.290882	0.7133	-1.40193	0.891184	1.0431	1.0431	0.753699	1.10189	1.10189	8.71244	13.1107	1.33763	1
cg02067030	0.886248	1.06141	1.06141	0.000674882	0.114801	-8.71072	0.95149	1.02566	1.02566	0.0395466	0.371094	-2.69474	6.61168	18.155	2.44079	1
cg17559809	0.438763	0.863777	-1.15771	0.0702459	0.687118	-1.45535	0.0322908	1.59177	1.59177	0.100244	1.39643	1.39643	6.02399	3.28045	0.484057	1
cg24553364	0.434625	0.826612	-1.20976	0.397286	0.812991	-1.23003	0.112927	1.51003	1.51003	0.152668	1.4418	1.4418	5.52508	4.99264	0.80323	1
cg24002167	0.106763	1.21325	1.21325	0.0121262	0.709462	-1.40952	0.0203096	0.735575	-1.35948	0.0202978	1.35953	1.35953	5.25156	1.00221	0.169637	1
cg11559250	0.342118	0.849776	-1.17678	0.072051	0.716112	-1.39643	0.157555	0.777761	-1.28574	0.220511	0.807174	-1.23889	5.12509	2.24497	0.389365	1
cg16036043	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07690181	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11697123	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02265105	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05179846	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19613968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07714708	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24244437	EDN1;EDN1	0.00908451	0.0466864	-1.58278	0.0201821	1.302941	-3.30097	0.00186429	0.314899	-3.17562	0.0016954	0.615012	-1.62599	0.110402	0.634176	-1.57585	0.0707232	0.589396	-1.69665	0.00302174	0.361965	-2.7627	0.949975	0.98371	-1.01656	0.0608426	0.57481	-1.73971	6.09427	6.61443	0.964758	1
cg11585301	EDN1;EDN1	0.0321926	0.00860662	4.223883	-2.36472	0.0787965	1.65103	0.6150308	0.210183	2.10183	0.76196	0.92493	-1.08116	?	?	?	0.432006	0.813841	-1.22874	0.125315	1.53136	1.53136	0.36195	1.27215	1.27215	0.527523	1.17872	1.17872	4.0513	3.76321	0.928889	1
cg16736826	EDN2	0.00226844	0.00216448	0.393758	-2.53963	0.0120984	0.507957	-1.96867	0.00262547	0.405834	-2.46406	0.00112981	0.354351	-2.82206	0.00611144	0.460787	-2.1702	0.573374	1.1311	1.1311	0.00430741	0.437605	-2.28516	0.00195376	0.387422	-2.58116	0.1123578	0.687808	-1.45389	9.29355	6.90023	0.659978	1
cg20700731	EDN2	0.01105911	0.0844271	0.649905	-1.53869	0.271774	0.772383	-1.2947	0.0766029	0.644625	-1.55129	0.00408475	0.418949	-2.38693	0.00239552	0.384734	-2.5992	0.655611	1.10665	1.10665	0.0754212	0.639634	-1.56339	0.00226071	0.383109	-2.62392	0.7864648	0.940033	-1.06379	5.72263	4.61947	0.717537	1
cg14202907	EDN2	0.0245558	0.13042	0.718096	-1.39257	0.182294	0.750534	-1.33239	0.626449	0.905343	-1.10455	0.0180011	0.558414	-1.79079	0.0643752	0.656206	-1.52391	0.248496	1.27706	1.27706	0.202443	1.31366	1.31366	0.0028268	0.434448	-2.30177	0.4753348	1.15854	4.38446	2.853996	0.578602	1
cg17952468	EDN3;EDN3;EDN3;EDN3;EDN3	1.10E-05	0.0218872	0.717871	-1.39301	1.02E-06	0.169095	-5.91382	0.182418	0.846034	-1.18199	0.284803	0.877365	-1.13978	7.60E-06	0.267121	0.743362	0.94458	0.991894	-1.00817	2.96E-06	0.218984	-4.56654	0.00121743	0.5540097	-1.80474	0.000996888	0.4987254	-2.04184	55.7423	11.8456	0.165283	1
cg04048259	EDN3;EDN3;EDN3;EDN3;EDN3	0.000123041	0.00265139	0.36106	-2.76962	0.7639331	0.929026	-1.0764	0.821036	1.05694	1.05694	0.648324	0.893832	-1.11878	0.0108571	0.457578	-2.18542	0.0214055	0.508798	-1.96542	7.77E-05	0.1740884	-5.74422	1.74E-05	8.5836	8.5836	0.74554	0.923494	-1.08284	20.9439	19.8169	0.841056	1
cg16205854	EDN3;EDN3;EDN3;EDN3;EDN3	0.000359966	0.0675776	0.939805	-1.06405	0.00421312	1.76056	1.76056	0.899024	0.9814436	-1.01891	0.9938888	0.991501	-1.00857	0.0429857	0.709109	-1.41022	0.153003	0.797914	-1.25343	0.1646227	0.8003457	-1.24462	7.76E-06	4.25389	4.25389	0.116548	1.28642	1.28642	15.648	5.39905	0.309694	1
cg09005679	EDN3;EDN3;EDN3;EDN3;EDN3	0.000426585	0.100976	0.702451	-1.42355	0.02609809	0.442589	-2.25943	0.50494	0.875272	-1.1425	0.248931	0.789024	-1.26739	0.0118518	0.539159	-1.85474	0.000269013	0.308745	-3.23892	0.0048779	0.479991	-2.08337	0.00031783	3.65416	3.65416	0.473124	0.866346	1.15427	14.9327	9.143445	0.544277	1
cg20930807	EDN3;EDN3;EDN3;EDN3;EDN3	0.000472305	0.687932	0.950746	-1.05181	0.770893	1.0372	1.0372	0.848237	1.02426	1.02426	0.544464	0.926136	-1.07976	0.0945753	0.794648	-1.25842	0.293251	0.872506	-1.14612	0.0422016	0.746202	-1.34012	7.07E-06	3.46417	3.46417	0.231663	0.854765	-1.16991	14.518	3.59798	0.220292	1
cg00633740	EDN3;EDN3;EDN3;EDN3;EDN3	0.000516225	0.0431816	0.685927	-1.45777	0.4749445	1.215211	1.215211	0.734214	1.0347047	-1.22392	0.102951	1.06232	2.91E-05	0.5009004	1.99648	0.7023	1.18642	-1.18642	0.00954585	1.705213	1.70213	0.00072245	0.4934661	-2.30118	0.0505888	0.6969596	-1.43473	14.1642	5.8897	0.369613	1
cg13919285	EDN3;EDN3;EDN3;EDN3;EDN3	0.00104202	9.86E-05	8.42645	8.42645	0.315409	0.72616	-1.37711	0.575417	1.19057	1.19057	0.154048	0.621817	-1.60819	0.0457414	0.493615	-2.02587	0.06909932	0.534202	-1.87155	0.0030361	0.560132	3.50212	0.03636657	2.11686	2.11686	0.00886742	2.79202	2.79202	11.6299	17.5017	1.33768	1
cg08318212	EDN3;EDN3;EDN3;EDN3;EDN3	0.001548083	0.928705	1.02108	1.021058	0.1556589	0.698999	-1.43062	0.0643161	0.655675	-1.62423	0.3750202	0.808732	-1.23615	0.312965	1.1673	1.1673	0.744459	0.926579	-1.07924	0.00582871	0.430947	-2.32047	5.02E-05	5.88947	5.88947	0.7984214	1.0655	1.0655	10.9849	8.94028	0.76524	1
cg17446570	EDN3;EDN3;EDN3;EDN3;EDN3	0.00229579	0.0333963	0.329812	-3.03203	0.319011	1.58333	1.583333	0.876941	0.933192	-1.07159	0.287794	0.611129	-1.63632	0.0144941	0.260785	-3.83458	0.00140119	0.126854	-7.8831	0.727323	0.827099	-1.20905	0.000366428	12.7651	12.7651	0.821281	1.10623	1.10623	9.26097	29.203	2.80297	1
cg07341690	EDN3;EDN3;EDN3;EDN3;EDN3	0.00402911	0.00417158	0.368781	-2.71163	0.00850516	0.250911	-3.98548	0.113197	0.654951	-1.52683	0.00911088	0.422786	-2.36526	0.00326239	0.352698	-2.83529	0.15132	0.670642	-1.49111	0.00523364	0.388992	-2.60419	0.571364	1.16025	1.16025	0.440719	0.81522	-1.22666	0.772634	8.2687	0.950511	1
cg22889461	EDN3;EDN3;EDN3;EDN3;EDN3	0.0190664	0.018347	0.476568	-2.09834	0.0197802	0.482481	-2.07262	0.0374043	0.534599	-1.86936	0.0209141	0.513796	-1.9463	0.0078053	0.412965	-2.42253	0.502596	-1.98967	0.00508652	0.383306	-2.60888	0.708587	0.907349	-1.10211	0.0615621	0.579648	1.72518	4.78142	5.07844	0.944105	1
cg20057633	EDN3;EDN3;EDN3;EDN3;EDN3;EDN3;E	0.0193972	0.0535063	0.443099	-2.25683	0.214081	0.615372	-1.62503	0.0135289	0.321604	-3.10941	0.89973	1.0479	1.0479	0.00324796	0.225418	0.43621	0.036604	0.405962	-2.46329	0.0294766	0.386126	-2.58983	0.00613265	0.265172	-3.77114	0.144894	0.559267	-1.78805	4.75366	10.372	1.93947	1
cg19194373	EDN3;EDN3;EDN3;EDN3;EDN3;EDN3;E	1.06E-06	0.0337646	1.49783	0.0008115	82 2.27754	2.27754	0.107856	1.33101	1.33101	0.00046165	1 2.45515	2.45515	0.893883	1.02199	1.02199	0.664482	1.07371	1.07371	0.201802	1.24565	1.24565	7.56E-09	49.9771	49.9771	0.715806	1.0614	1.0614	72.2251	30.3813	0.373909	1
cg10469717	EDN3;EDN3;EDN3;EDN3;EDN3;EDN3;E	8.00E-05	0.868855	0.972191	-1.0286	0.00253568	0.489134	-2.04443	0.0440752	0.673797	-1.48413	0.175308	0.781927	-1.27889	0.772099	0.951644	-1.05081	0.00104524	0.436895	-2.28888	0.124539	0.752897	-1.3282	2.64E-06	6.90041	6.90041	0.90153	1.02135	1.02135	23.5021	10.8423	0.410074	1
cg02081277	DN3;EDN3	0.00238696	0.762904	1.07075	1.07075	0.231133	0.751426	-1.3308	0.03909666	0.57585	-1.73656	0.8856881	0.96803	-1.03303	0.842195	1.04583	1.04583	0.87685	1.03565	1.03565	0.964182	1.03019	1.03019	4.56E-05	6.96838	6.96838	0.183239	1.37969	1.37969	10.8592	8.5884	0.615133	1
cg00974629	EDNRA;EDNRA;EDNRA	0.00743993	0.114215	1.42894	1.42894	0.000253818	3.49876	3.49876	0.0511641	1.5862	1.5862	0.466806	1.16629	1.16629	0.365971	0.82452	-1.21283	0.0149397	1.86213	1.86213	0.312958	1.24212	1.24212	0.388353	1.20161	1.20161	0.14243	0.720682	-1.38757	6.49033	4.4361	0.607549	1
cg16264526	EDNRA;EDNRA;EDNRA	0.0146424	0.0101014	0.209099	-4.78242	0.752892	0.858741	-1.1645	0.408868	0.665448	-1.50275	0.0159625	0.241071	-4.14815	0.013404	0.228413	-4.37803	0.383906	0.650186	-1.53802	0.0424533	0.324105	-3.08542	0.227589	0.542954	-1.84178	0.00998916	0.208365	-4.79926	3.88152	14.2926	3.27307	1
cg12009023	EDNRA;EDNRA;EDNRA;EDNRA;EDNRA	3.73E-05	0.0212123	0.48436	-2.06458	0.64142	0.884497	-1.13059	0.617815	1.14069	1.14069	0.739203	0.916283	-1.09137	6.31E-07	0.028172	-35.4962	4.59E-05	0.133303	-7.50169	0.00419477	0.366545	-2.72818	0.0722602	0.59158	-1.69039	0.0373832	0.531443	-1.88167	28.7659	31.1987	0.964064	1
cg04045079	EDNRA;EDNRA;EDNRA;EDNRA;EDNRA	0.00880233	0.0593212	1.18049	1.18049	0.0108895	1.28342	1.28342	0.518061	0.950209	-1.0524	0.343751	0.9268	-1.07898	0.00802397	0.767392	-1.30312	0.0702246	0.854068	-1.17087	0.0434486	0.824984	-1.21214	0.538356	1.04976	1.04976	0.0717614	1.25404	1.25404	6.135175	0.590343	0.0855233	1
cg12321193	EDNRB	0.0125906	0.048264	0.746576	-1.33945	0.00275347	0.585716	-1.70731	0.00860114	0.647965	-1.54329	0.60541	1.06981	1.06981	0.721191	1.04749	1.04749	0.017084	1.45711	1.45711	0.635367	1.06381	1.06381	0.881719	1.01947	1.01947	0.214764	0.844418	-1.18425	5.48712	1.45715	0.236052	1
cg03160621	EDNRB	0.2176987	0.1752262	-1.32404	0.0074948	2.015376	2.015376	2.1064	0.0442768	0.836456	-1.64892	0.168095	0.727633	-1.37401	0.0219466	0.610216	-1.63906	0.1246564	1.19466	1.19466	0.124943	1.24943	1.24943	0.155625	1.38938	1.38938	0.0970012	0.674167	-1.48331	4.67324	0.56457	0.65958	1
cg13937208	EDNRB	0.0242972	0.991783	0.997446	-1.00256	0.705569	0.910063	-1.09882	0.00222297	0.345089	-2.8978	0.0177595	0.488843	-2.04565	0.0215952	0.505397	-1.97864	0.991163	1.00275	1.00275	0.963938	1.04915	1.04915	0.913542	0.973395	-1.02733	0.0160587	0.48113	-2.07844	4.405059	4.29648	0.867858	1
cg10764762	EDNRB;EDNRB;EDNRB	1.46E-06	0.0949312	0.732382	-1.36535	1.50E-07	0.116356	-8.59377	0.240965	0.740784	-1.34984	0.0851675	0.442734	-2.25844	0.0015975	0.42755	-2.33906	0.0119398	0.412E-07	0.125939	0.403131	1.146166	1.146166	0.609552	-1.24967	0.7751705	0.1127263	-1.45295	0.0113851	0.6997	-1.42904	0.1198677	0.782867	0.2292474	1
cg24942915	EDNRB;EDNRB;EDNRB	4.78E-05	0.113867	0.670392	-1.49166	9.71E-06	0.109361	-9.14405	0.00533547	0.426009	-2.34737	0.557532	0.871186	-1.14786	8.82E-06	0.106265	0.941046	0.000146339	0.218923	-4.56781	8.30E-05	0.19257	-5.1929	0.00481194	0.419089	-2.38613	0.00153342	0.34647	-2.88625	26.9415	23.0616	0.76088	1
cg09152886	EDNRB;EDNRB;EDNRB	0.000198199	1.68E-06	0.0993647	-10.0639	0.000628505	0.194668	3.94668	0.000850183	3.70442	3.70442	0.158354	0.674444	-1.4827	0.0035519	0.567342	-1.76261	0.569547	0.860599	-1.16198	0.180319	0.680628	-1.45006	0.830073	0.945412	-1.05774	0.449354	1.23205	1.23205	18.4163	19.898	0.960403	1
cg08634041	EDNRB;EDNRB;EDNRB	0.000329112	0.0146348	0.59879	-1.67021	0.0187907	0.791816	-1.26303	0.0337403	0.525165	-1.91144	0.245727	0.765117	-1.30699	3.64E-05	0.174605	-5.72526	0.000108238	0.223786	-4.4685	0.00176126	0.376017	-2.65945	0.00884109	0.483172	-2.07065	0.0041734	0.430748	-2.32154	56.0979	12.2269	0.677569	1
cg12935136	EDNRB;EDNRB;EDNRB	0.000358772	0.972197	1.00309	1.00309	0.995988	0.886941	-1.12747	0.918173	1.00914	1.00914	0.475221	0.818189	-1.22221	1.66E-05	0.456762	-2.18932	0.00378133	0.707579	-1.41327	0.00876894	0.744134	-1.34384	0.00253834	0.630191	-1.449	0.00637687	1.36927	1.36927	15.6623	1.94411	0.110335	1
cg10374192	EDNRB;EDNRB;EDNRB	0.000387246	0.419337	-2.38432	4.41E-05	0.103156	-9.66157	0.016815	0.455866	2.40462	0.708188	0.88336	-1.13397	9.54E-05	0.124476	-8.03366	0.000635485	0.208638	-4.79299	0.00266719	0.393354	-4.98173	0.00178011	0.422111	-2.36857	0.153376	0.4949768	-2.02057	0.153376	0.4949768	-2.02057	1.26683	1.26683	1.26683	1
cg18568990	EDNRB;EDNRB;EDNRB	0.000894317	0.318618	0.907299	-1.10217	0.00294764	0.147007	1.47007	0.0113157	1.34899	1.34899	0.53696	1.06079	1.06079	0.85119	0.982431	-1.01788	0.677982	1.0402	1.0402	0.56E-05	0.494534	-2.02211	0.600708	0.953179	-1.05111	0.0178143	1.33243	1.33243	1.14	1.71335	0.125406	1
cg23326536	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.00118712	0.0178662	0.409177	-2.44393	0.000739791	0.203786	-4.90711	0.731097	0.88845	-1.11303	0.146802	0.616703	-1.62153	0.00133966	0.236122	-4.23511	0.00914391	0.357762	-2.79516	0.000132361	0.127735	-7.82871	0.4905515	1.24284	1.24284	0.00615957	0.329832	-3.03185	11.2062	17.101	1.35646	1
cg06179060	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0103681	0.0708443	0.7144	-1.39972	0.3843	0.615185	0.993929	-1.00702	0.9814163	-1.01873	0.8458465	0.924662	-1.08164	0.3808243	1.14721	1.14721	0.108964	0.800919	-1.24848	0.1447521	0.8059169	-1.24096	0.1724224	0.7602552	0.8603154	-1.16225	0.1447521	0.8059169	-1.24096	0.1724224	0.7602552	0.8603154	-1.16225	1.2562	1.2562	1.2562	1
cg08321120	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.00537583	0.612211	0.915031	-1.09286	0.1299115	0.752637	-1.32866	0.0414728	0.50443	1.50443	0.00131619	0.44396	-2.25245	0.775185	0.951477	-1.051	0.049602	0.677664	-1.47566	0.000861094	0.431932	-2.38491	0.0804436	0.714037	-1.40049	0.570712	1.10466	1.10466	1.77367	3.43007	0.424783	1
cg23702615	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.00658959	0.24539	1.2393	1.2393	0.0187907	0.791816	-1.26303	0.0337403	0.525165	-1.91144	0.245727	0.765117	-1.30699	3.64E-05	0.174605	-5.72526	0.000108238	0.223786	-4.4685	0.00176126	0.376017	-2.65945	0.00884109	0.483172	-2.07065	0.0041734	0.430748	-2.32154	56.0979	12.2269	0.677569	1
cg06057566	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.00669237	0.00378198	0.755761	-1.32317	0.30982	0.927444	-1.07823	0.717958	1.02634	1.02634	0.00582691	0.77199	-1.29535	0.349372	1.07148	1.07148	0.0847219	0.872277	-1.14642	0.0124451	0.800187	-1.24971	0.0372174	0.840856	-1.18926	0.0147791	1.23985	1.23985	5.70833	0.545757	0.0723157	1
cg22541679	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0082483	0.345329	0.816083	-1.22527	0.2410204	1.182574	1.182574	0.0238998	0.628316	-1.59161	0.0088238	0.40606	-2.46302	0.0179024	0.546044	-1.83125	0.120843	0.749214	-1.33453	0.0176091	0.591518	-1.69101	0.0475233	0.6704619	-1.49127	0.0260124	0.5191522	-1.92621	1.35112	0.843117	1.04485	0.823536	4.535221	0.616119	1
cg04945027	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0178411	0.0798813	0.9984	0.9984	0.00414421	0.253991	0.18841	0.00728631	0.43584	0.43584	0.83481	0.971255	1.0296	0.146606	1.1641	1.1641	0.00394552	0.308625	3.240118	0.558706	1.23479	0.345497	1.96077	0.965971	1.03577	0.961755	1.01415	1.01415	0.24317	32.5762	1.79051	1
cg18032190	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0107468	0.00457546	0.396343	-2.52307	0.00668435	2.36903	2.36903	0.100865	1.55346	1.55346	0.0235824	0.515443	-1.94008	0.236502	1.35534	1.35534	0.132356	1.48899	1.48899	0.969169	1.00952	1.00952	0.660843	1.1143	1.1143	0.0980794	1.5602	1.5602	5.77565	5.49672	0.845961	1
cg24785726	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0191907	0.8587416	1.16453	1.16453	0.000620106	0.133417	-7.49527	0.451878	1.34058	1.34058	0.639602	1.19764	1.19764	0.0491295	1.423823	2.42842	0.763884	1.12211	1.12211	0.0465061	1.418255	2.39089	0.315598	1.42383	1.42383	0.0448936	1.46187	1.46187	0.0485936	1.422526	2.36672	0.206643	2.05882	1
cg24745738	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0166148	0.0437866	0.656299	-1.5237	0.147174	0.753757	-1.32669	0.138022	1.33672	1.33672	0.544402	1.11794	1.11794	0.113372	0.731185	-1.36764	0.236549	0.798213	-1.2528	0.00387102	0.493082	-2.02806	0.138165	1.33656	1.33656	0.0323762	1.57659	1.57659	0.00769	2.61914	0.46461	1
cg09108669	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0183223	0.3917793	0.932715	-1.07214	0.03121202	1.222237	1.222237	0.994117	1.00059	1.00059	0.0270539	0.812372	-1.23096	0.282489	1.09271	1.09271	0.149982	1.13035	1.13035	0.350375	0.909048	-1.10005	0.24641	0.908252	-1.10102	0.00279974	1.38683	1.38683	4.84609	0.48375	0.0887313	1
cg18386564	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0188104	0.0425578	0.777604	-1.286	0.2836	1.1275	1.1275	0.130975	1.19203	1.19203	0.641564	0.950754	-1.0518	0.8565561	0.886599	-1.01968	0.0145632	0.723149	-1.38284	0.2113307	0.86834	-1.15162	0.0130749	0.717777	-1.39319	0.01944	1.35573	1.35573	4.80311	0.882712	0.163352	1
cg21364111	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0198886	0.143988	0.628203	-1.59184	0.163807	0.651435	-1.53507	0.00081958	4.28912	4.28912	0.442725	1.25126	1.25126	0.777352	1.08521	1.08521	0.401297	0.780529	-1.28118	0.0816784	0.573191	-1.74462	0.523014	0.829864	-1.20528	0.924201	1.02783	1.02783	0.47135	6.21056	1.17121	1
cg21675115	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0199547	0.493787	1.03143	1.03143	0.0387605	0.78201	-1.27899	0.0124643	0.24603	0.24603	0.0318464	0.149555	1.49055	0.0691841	1.8027	1.8027	0.145647	1.45647	1.45647	0.014563	0.627153	-1.48914	0.422019	0.897348	-1.11464	0.6548525	0.942101	-1.06136	4.708519	0.3575	0.24652	1
cg23766591	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0248662	?	?	?	0.292748	1.54243	1.54243	0.722485	1.15128	1.15128	0.373246	0.696058	-1.43666	0.0185981	0.312945	-3.19545	0.0446084	0.394384	-2.5356	0.00361297	0.195119	-5.12507	0.967914	1.01601	1.01601	0.156635	1.83019	1.83019	4.90933	10.5458	1.8796	1
cg06771129	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0305486	?	1.83071	1.83071	0.0234831	0.63616	-1.57185	0.0088238	0.40606	0.40606	?	?	?	0.0753113	2.67335	2.67335	0.18325	0.563289	-1.77529	?	?	?	?	?	?	?	0.32026	20.9527	0.26667	1
cg26022015	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0337494	0.107617	0.821072	-1.21792	0.0151599	1.39789	1.39789	0.752013	1.03623	1.03623	0.447843	1.09073	1.09073	0.622286	1.05733	1.05733	0.0229453	0.736777	-1.35726	0.0147179	0.713846	-1.40086	0.763716	1.03443	1.03443	0.305537	0.887703	-1.1265	3.91827	0.782255	0.17746	1
cg23316360	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.00922573	0.583301	0.888347	-1.12569	0.0727622	1.54421	1.54421	0.0867124	1.50688	1.50688	0.0757353	0.651207	-1.53561	0.769971	0.939325	-1.06459	0.986886	0.996499	-1.00351	0.00137606	0.348802	-2.86696	0.793194	0.94546	-1.05769	0.00530469	2.2707	2.2707	6.9099	4.87809	0.549077	1
cg26622320	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0163601	0.827111	0.94315	-1.06028	0.165103	0.669979	-1.49258	0.127405	0.643329	-1.55441	0.803973	1.06881	1.06881	0.482518	0.826142	-1.21044	0.489038	0.828562	-1.20691	0.409571	0.797978	-1.25317	0.331087	1.3078	1.3078	0.000451122	4.39264	4.39264	5.03355	5.70808	1.00801	1
cg16571983	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.042748	0.156653	0.589031	-1.6977	0.0401948	2.28915	2.28915	0.334095	0.706076	-1.41628	0.689527	1.15061	1.15061	0.251635	0.664148	-1.50569	0.626006	0.842329	-1.18718	0.0370331	0.429139	-2.33025	0.539319	0.804837	-1.24249	0.0101978	1.30087	1.30087	1.55917	6.94641	1.71817	1
cg09848198	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0191749	0.2485377	0.802147	-1.24655	0.0204509	1.45527	1.45527	0.0795135	1.45527	1.45527	0.0795135	0.690389	-1.44854	0.0423653	0.708902	-1.41071	0.0709404	0.748543	-1.33594	0.0182441	0.726047	-1.37694	0.0798678	-1.2515	0.0144872	1.10303	1.10303	0.45115	0.516876	0.0539636	1
cg25485651	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0193632	0.00643536	0.288873	-3.46173	0.0029252	0.238733	-4.18877	0.00664598	0.291066	-3.43564	0.0136007	0.343086	-2.91472	0.000357946	0.134397	-7.44064	0.0445729	0.445673	-2.2438	0.0172306	0.36175	-2.76434	0.348989	0.713309	-1.40192	0.0198396	0.373258	-2.67911	7.87439	15.3124	1.72852	1
cg18386564	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0188104	0.0425578	0.777604	-1.286	0.2836	1.1275	1.1275	0.130975	1.19203	1.19203	0.641564	0.950754	-1.0518	0.8565561	0.886599	-1.01968	0.0145632	0.723149	-1.38284	0.2113307	0.86834	-1.15162	0.0130749	0.717777	-1.39319	0.01944	1.35573	1.35573	4.80311	0.882712	0.163352	1
cg21364111	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0198886	0.143988	0.628203	-1.59184	0.163807	0.651435	-1.53507	0.00081958	4.28912	4.28912	0.442725	1.25126	1.25126	0.777352	1.08521	1.08521	0.401297	0.780529	-1.28118	0.0816784	0.573191	-1.74462	0.523014	0.829864	-1.20528	0.924201	1.02783	1.02783	0.47135	6.21056	1.17121	1
cg21675115	EDNRB;EDNRB;EDNRB;EDNRB;EDNRB	0.0199547	0.493787	1.03143	1.03143	0.0387605	0.78201	-1.27899	0.0124643	0.24603	0.24603	0.0318464	0.149555	1.49055	0.0691841	1.8027	1.8027	0.145647	1.45647

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. N)	p-value(105T vs. 057 vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 221 vs. N)	p-value(347T vs. N)	p-value(347T vs. 347 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. 353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. 537 vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5637T vs. N)	p-value(5637T vs. 637 vs. N)	Fold-Change(5637T vs. N)	F(Error
cg10309709	EEF1G	0.00419586	0.66846	1.12978	1.15978	1.03353981	1.89697	1.89697	0.396269	1.34836	0.00221636	1.67151	4.37151	0.789146	0.911906	-1.0966	0.2051	1.58404	1.53404	0.01248862	0.34571	-2.4926	0.28755444	0.5322626	-1.91342	0.00403386	3.60091	1.74001	14.5113	1.66653	1
cg12128768	EEF2	0.00094106	0.111834	1.44802	1.44802	3.005754	1.25448	1.25448	0.989675	0.99723	-1.00277	0.00286222	2.40435	2.40435	0.00313178	0.425582	-2.34972	0.00230477	0.402306	-2.48567	0.00663393	0.325544	-3.07178	0.0599311	1.57426	1.57426	0.0284611	0.575818	-1.73666	11.9598	8.65791	0.643482	1
cg26375259	EEF2	0.00367163	0.0268777	0.610327	-1.63847	0.164026	1.32273	1.32273	0.348792	1.19923	1.19923	0.000188454	0.30535	-3.27493	0.00944138	0.538143	-1.85824	0.38869	0.846713	-1.18104	0.0658017	1.47525	1.47525	0.594546	0.903766	-1.10648	0.2649436	0.803454	-1.24463	8.05739	4.52714	0.499432	1
cg00769112	EEF2	0.00797149	0.0255007	0.865964	-1.15481	0.002443359	5.90126	5.90126	0.00964723	2.60785	2.60785	0.478957	1.0456	1.0456	0.360898	0.75968	-1.31633	0.0849966	1.74825	1.74825	0.307766	1.36197	1.36197	0.2149888	1.465114	1.465114	0.4213124	0.787092	-1.2705	6.36639	8.63381	1.20547	1
cg12255298	EEF2	0.010877	0.582766	0.872082	-1.14668	0.182724	1.41741	1.41741	0.317925	0.775168	-1.29004	0.0351986	0.545964	-1.83162	0.00603739	0.27434	-3.64511	0.954768	1.01409	1.01409	0.0588604	0.59073	-1.69282	0.153143	1.45849	1.45849	0.0279543	0.526941	-1.89774	5.75331	5.54572	0.858815	1
cg27200113	EEF2	0.0149258	0.00044105	0.138359	-7.22758	0.0094269	2.04605	2.04605	0.124867	1.79933	1.79933	0.915286	0.963188	-1.03822	0.59859	0.820234	-1.22093	0.4988115	1.27383	1.27383	0.69649	0.870946	-1.14818	0.996846	0.736516	-1.35774	0.820562	0.92304	-1.08338	5.1892	10.2117	1.74922	1
cg27513213	EEF2	0.0201924	0.677676	1.25679	1.25679	0.738607	1.20097	1.20097	0.214575	0.489459	-2.04307	0.353498	1.68544	1.68544	0.01038444	0.172103	-5.84103	0.00563482	0.137132	-7.29224	0.00508266	0.131977	-7.57706	0.638194	1.29562	1.29562	0.171403	0.451012	-2.21723	6.68928	22.2073	4.20956	1
cg27715482	EEF2	0.0258192	0.46276	1.37162	1.37162	0.09060379	3.99487	3.99487	0.1310039	2.08794	2.08794	0.289457	1.59174	1.59174	0.258199	0.607288	-1.64667	0.288884	0.627972	-1.59268	0.09501785	0.245744	-4.06937	0.4569988	1.37743	1.37743	0.1097	0.478465	-2.09002	4.30856	12.1951	2.51594	1
cg18739620	EEF2	0.0269112	0.953833	1.03175	1.03175	0.8302283	1.82553	1.82553	0.137145	0.45876	-2.17945	0.45876	0.446477	1.39097	1.39097	0.0925435	0.197475	-2.38228	0.0516443	0.593118	-1.68598	0.470663	0.841083	-1.18894	0.730962	0.921827	-1.0848	0.959327	0.605459	-1.65164	4.24657	3.74034	0.782626	1
cg10161194	EEF2;SNORD37	0.00035524	0.000685679	0.180088	-5.55285	0.031003	2.30975	2.30975	0.00946624	0.337229	-2.96534	0.110648	0.562891	-1.77654	0.00136296	0.215101	-4.64897	0.000120981	0.108599	-9.20816	0.00032265	0.146141	-6.84268	0.037951	0.451351	-2.21557	0.00108953	0.203249	-4.92007	15.705	27.1838	1.53858	1
cg20738733	EEF2;SNORD37	0.0007951007	0.107414	0.775073	-1.29026	0.0019453	4.59155	4.59155	0.0139466	0.459599	-2.17535	0.0139466	0.688188	1.06026	0.0139466	0.0139466	-7.16232	0.000112623	0.1738	-5.7523	0.0113293	0.19654	-5.08654	0.0290944	0.648473	-1.54226	0.00881333	0.480819	-2.07978	11.9478	3.94711	0.296135	1
cg08444770	EEF2;SNORD37	0.00240467	0.00325159	0.49224	-2.00305	0.00267098	0.48731	-2.05208	0.702149	0.935651	-1.06877	0.0685638	0.702633	-1.42322	0.00933115	0.563121	-1.77582	0.003644	0.506198	-1.97551	0.00175994	0.332476	-3.00774	0.088212	0.722054	-1.38494	0.0218728	0.625148	-1.60092	13.9388	4.53666	0.421844	1
cg09597192	EEF2;SNORD37	0.00656058	0.908689	1.01842	1.01842	0.661838881	1.39845	1.39845	0.0132878	1.98745	1.98745	0.663188	1.07343	1.07343	0.0462502	0.572102	-1.74794	0.0098201	0.59401	-1.68393	0.6655925	0.720828	-1.38729	0.740885	1.05422	1.05422	0.340654	0.844387	-1.18429	5.74891	2.70653	0.35642	1
cg14198860	EEF2;SNORD37	0.0161806	0.0698332	0.6911	-2.00803	0.0435659	2.22108	2.22108	0.2589867	0.49126	2.04926	0.230173	1.54173	1.54173	0.0108716	0.1507	-6.63555	0.0105969	0.620072	-1.61271	0.0137304	0.350727	-2.85122	0.711732	0.880174	-1.13614	0.438085	0.761862	-1.31257	4.28769	8.03001	1.86472	1
cg27168033	EEF2;SNORD37	0.00338155	0.0322926	0.523955	-1.90856	0.0119921	0.645752	-2.2436	0.942974	1.01862	1.01862	0.642697	-1.55594	0.0847787	0.42044	-2.37846	0.0150639	0.462885	-2.16036	0.0431417	0.54887	-1.82193	0.414325	0.806419	-1.24005	0.0708319	0.594261	-1.68276	3.91551	4.12251	0.935881	1
cg05948856	EEF2;SNORD37	0.0018211	0.0235473	0.423737	-1.93404	0.0041079	1.68189	-1.43228	0.0712623	0.706555	-1.41532	0.586706	1.09026	1.09026	0.305728	0.812002	-1.23127	0.0080868	0.39505	-2.53092	0.0156925	0.152693	-6.55023	0.0129593	0.767916	-1.30223	0.1183506	1.13959	1.13959	1.13959	0.749	1.17009	0.418461	1
cg26928497	EEF2K	0.00270824	0.0533235	0.664976	-1.50381	0.3969898	1.17493	1.17493	0.23917	0.795236	-1.25749	0.0613717	0.675861	-1.47959	0.00696866	0.522678	-1.91322	0.000868617	0.39505	-2.53133	0.00624271	0.515568	-1.93961	0.000688319	0.382468	-2.6146	0.167584	1.31443	1.31443	0.821645	4.82672	0.486362	1
cg00235811	EEF2K	0.00530792	9.21E-05	0.249204	-4.00795	0.626236	1.10251	1.10251	0.85008	1.05907	1.05907	0.159347	1.59174	1.59174	0.258199	0.607288	-1.64667	0.178402	0.752544	-1.32883	0.0366114	0.625055	-1.61016	0.735069	1.06987	1.06987	0.3113	1.23157	1.23157	7.20569	4.51196	0.556092	1
cg06895502	EEF2K	0.00694447	0.01284642	0.721742	-1.38554	0.1619774	0.948029	-1.05482	0.162714	0.854478	-1.17032	0.324375	1.61388	1.61388	0.0132795	0.183817	-5.44172	0.36296	0.90636	-1.10371	0.00200045	0.159601	-6.26715	0.140359	1.18223	1.18223	0.857458	0.881205	-1.01916	6.63156	1.6981	0.1568	1
cg00186685	EEF2K	0.011186	0.0367591	0.818963	-1.22106	0.0591669	1.19149	1.19149	0.00694912	1.33307	1.33307	0.100965	0.862548	-1.15936	0.597222	1.04487	1.04487	0.432255	0.936154	-1.0682	0.0378004	0.820135	-1.21931	0.19823	1.11844	1.11844	0.0129171	1.28923	1.28923	5.70161	0.651389	0.0953945	1
cg10214757	EEF2K	0.01634559	0.75283	0.951187	-1.05133	0.0092934	1.21145	1.21145	0.0402318	1.40775	1.40775	0.616447	1.07653	1.07653	0.139526	1.34107	-1.34107	0.463456	0.896736	-1.11556	0.0133592	1.54403	1.54403	0.515674	1.19329	1.19329	0.102879	0.167177	0.806486	-1.23995	0.63501	1.70103	0.300303	1
cg27182019	EEF2K	0.0363406	0.4680011	1.10345	1.10345	0.821122	1.03065	1.03065	0.818508	0.969824	-1.03112	0.7244667	1.04831	1.04831	0.0126404	0.655824	-1.51786	0.2142	1.19046	1.19046	0.8939992	0.983213	-1.01707	0.8277004	1.58656	1.58656	0.0334118	1.392861	1.392861	8.19586	1.07373	0.250193	1
cg27279791	EEF2K;EEF2K	0.00202184	0.890513	1.0252	1.02552	0.463418881	1.19484	1.19484	0.0194629	1.58284	1.58284	0.0115611	0.90182	-1.10882	0.0001123247	0.0905744	9.81582	0.979619	1.05956	1.05956	0.0019747	2.09624	2.94E-05	0.141261	-7.07911	4.26E-06	0.0789084	-12.6729	0.0014615	0.33338	-2.99958	9.92E-05	0.191761	5.21483	29.9299	27.0845	0.804385	1
cg17897148	EEF5EC	3.21E-05	0.000436806	0.264868	-3.77547	0.76131	0.929764	-1.07554	0.000379643	0.257427	-3.88459	0.489547	0.845527	-1.18269	6.66E-05	0.174231	5.73952	2.94E-05	0.141261	-7.07911	4.26E-06	0.0789084	-12.6729	0.0014615	0.33338	-2.99958	9.92E-05	0.191761	5.21483	29.9299	27.0845	0.804385	1
cg07632488	EEF5EC	0.00187735	0.720105	0.936925	-1.06732	0.030044	2.0892	2.0892	0.0610968	0.682382	-1.46546	0.00435281	0.36755	-2.72072	0.00100182	0.412916	-2.4218	0.251727	0.805076	-1.24212	0.358326	1.18654	0.07187553	0.694997	-1.43886	0.417997	0.860827	-1.16167	9.82108	5.09997	0.461589	1
cg01380747	EEF5EC	0.00189858	0.0196904	0.5135	-1.94704	0.0077375	0.972321	-1.06537	0.00426455	0.513019	-1.94925	0.00871854	0.688502	-1.45207	0.00134094	0.252916	-3.95407	0.808013	1.04287	1.04287	0.807209	0.952832	-1.0495	0.0015305	0.768188	-1.30175	0.0252829	0.59507	-1.68022	6.0256	4.54823	0.754922	1
cg22118017	EEF5EC	0.00320479	0.0276438	0.810374	-1.234	0.0252216	1.806625	-1.23973	0.0222283	0.801471	-1.24771	0.601486	0.958343	-1.04347	0.2105557	0.898848	-1.11241	0.0456242	1.2033	1.2033	0.000624004	1.52944	1.52944	0.639271	0.962597	-1.03886	0.0141576	0.783142	-1.27691	3.89171	0.866569	0.091791	1
cg18446454	EEF5EC	0.00345319	0.0146538	1.12018	1.12018	0.559042	1.06055	-1.04107	0.648827	0.923707	-1.08293	0.0102403	0.458213	1.49255	0.00823843	0.778536	-1.28446	0.0037106	1.39333	1.39333	0.0010024	1.43645	1.43595	0.145069	1.39079	1.39079	0.142569	1.08958	1.08958	1.08958	0.72126	0.0707534	1
cg26868545	EEF5EC	0.00397988	0.000371156	0.403784	-2.47657	0.0401483	0.685556	-1.45866	0.0281677	0.661879	-1.51085	0.0236502	0.650435	-1.53743	0.00977967	0.457873	-2.18401	0.00572082	0.561693	-1.78033	0.579024	0.710836	-1.40679	0.368225	0.863176	-1.15851	0.0159895	0.637595	-1.56839	7.86444	3.15681	0.356803	1
cg18044763	EEF5EC	0.00473498	0.632442	0.907701	-1.10168	0.737721	1.06987	1.06987	0.0266671	1.69523	1.69523	0.209808	0.766734	-1.30423	0.00271245	0.435031	-2.29869	0.132564	0.721687	-1.38564	0.0101682	1.91819	1.91819	0.9046	0.976215	-1.02436	0.00239735	2.34005	2.34005	7.46143	4.77257	0.568562	1
cg00760949	EEF5EC	0.00253367	0.0215358	0.811087	-1.23265	0.2110284	1.32242	-1.3126	0.0160818	0.754434	-1.32546	0.0143418	0.611964	1.63424	-1.43735	0.158448	-6.31753	0.0234494	0.175059	-5.71235	0.00435037	0.0806629	-11.6194	0.0523266	0.241569	-4.1396	0.0218322	0.170065	-5.88306	41.2606	5.83377	1
cg10118650	EEF5EC	0.0127646	0.0049001	0.576352	-1.73482	0.102952	0.643888	-1.55318	0.0127646	0.594915	-1.68126	0.0127646	0.594915	-1.68126	0.0127646	0.594915	-1.68126	0.0769619	0.649457	-1.53966	0.0127646	0.594915	-1.68126	0.0127646	0.594915	-1.68126	0.0127646	0.594915	-1.68126	0.0127646	0.594915	-1.68126	1
cg23153546	EEF5EC	0.0133122	0.107659	0.55816	-1.67179	0.188905	0.665367	-1.50293	0.0150093	0.416806	-2.3992	0.367758	0.762766	-1.31102	0.0193376	0.436939	-2.28865	0.538748	0.833457	-1.19982	0.000593319	0.211761	-4.72231	0.229239	1.44672	1.44672	0.921558	0.971581	1.02925	5.38818	7.31133	1.20615	1
cg14644846	EEF5EC	0.0174783	0.0782315	0.411765	-2.42857	0.738641	0.407241	-2.46704	0.0406729	0.342392	-2.92603	0.172719	0.517826	-1.93115	0.0307065	0.159181	-6.28214	0.0508338	0.364586	-2.74284	0.0212726	0.141147	-7.0848	0.745621	0.86275	-1.15908	0.0233152	0.292481	0.341903	0.923151	16.0385	2.89555	1
cg27394987	EEF5EC	0.0185213	0.109031	0.6	-1.66667	0.0939706	0.468397	-2.06681	0.124019	0.71519	-1.39819	0.82784	0.960932	-1.04066	0.0193537	0.13802	-7.24457	0.117044	1.18052	1.18052	0.0573335	0.44244	1.48144	0.387332	0.774153	-1.29137	0.0184574	0.642048	2.56033	0.473138	1
cg06042673	EEF5EC	0.0186329	0.0296706	0.738306	-1.35445	0.0125347	0.69205	-1.44498	0.99323	0.998995	-1.00101	0.138509	0.827765	-1.20807	0.0169159	0.70798	-1.41247	0.0107799	0.684083	-1.46181	0.0344628	1.33955	1.33955	0.473951	0.917301	-1.09015	0.940858	1.00883	1.00883	4.81871	1.07219	0.197784	1
cg27440348	EEF5EC	0.0021613	0.0908264	0.647059	-1.54545	0.0493972	0.249343	-4.00932	0.0108752	0.287537	-3.47781	0.132421	0.570753	-1.7525	0.0108068	0.415604	-2.4057	0.0288509	0.413349	0.57033	-1.75359	0.0108068	0.415604	-2.4057	0.0288509	0.413349	0.57033	-1.75359	0.0108068	0.415604	-2.4057	0.0288509	1
cg23039837	EEF5EC	0.023376	0.754118	1.04768	1.04768	0.281267	1.18059	1.18059	0.194729	1.2255	1.2255	0.220728	0.819257	-1.22062	0.185171	1.23159	-1.23159	0.929913	1.01313	1.01313	0.0021789	1.48944	-1.89235	0.49686	1.10768	1.10768	0.0183283	1.52863	1.52863	4.45984	1.55232	0.309393	1
cg12968224	EEF5EC	0.030764	0.0199759	0.150341	-6.65157	0.615429	0.728935	-1.37186	0.510981	0.659562	-1.51636	0.0695759	0.281685	-3.55006	0.0325257	0.209707	-4.76856	0.0094757	0.128468	-7.78406	0.00601727	0.106421	-9.39667	0.1859	0.416649	-2.4001	0.036962	0.220391	-4.53738	4.05044	24.9966	5.48563	1
cg05377949	EEF5EC	0.0067862	0.0042804	0.5	-2.00016	0.0370734	0.249372	-4.01043	0.0022657	0.218688	-4.57299	0.0022657	0.218688	-4.57299	0.0022657	0.218688	-4.57299	0.0022657	0.218688	-4.57299	0.0022657	0.218688	-4.57299	0.0022657	0.218688	-4.57299	0.0022657	0.218688	-4.57299	0.0022657	0.218688	-4.57299	1
cg23039837	EEF5EC	0.0453841	0.0606265	0.465318	-2.14907	0.0077326	0.728459	-1.37248	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	1
cg06373174	EEF5EC	0.0459119	0.00798662	0.537037	-1.86207	0.0379737	0.518388	-1.92857	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	0.0255936	0.626883	-1.59555	1
cg17068417	EEF5EC;MIR128D	0.024065	0.000858139	0.459398	-2.17676	0.193966	0.80773	-1.23804	0.582402	0.917332	-1.09012	0.434257	0.883412	-1.13197	0.0161966	0.63194	-1.5793	0.100361	0.756027	-1.3227	0.611225	1.08291	1.08291	0.299395	0.846114	-1.18187	0.0410625	0.693319	-1.44234	4.41526	1.68807	0.339845	1
cg04547393	EEF5EC	0.0145183	0.0013516	0.378613	-1.30147	0.0193686	0.14852	-1.14852	0.0158668	0.502574	-1.99085	0.0158668	0.502574	-1.99085	0.0158668	0.502574	-1.99085	0.0158668	0.502574	-1.99085	0.0158668	0.502574	-1.99085	0.0158668	0.502574	-1.99085	0.0158668	0.502574	-1.99085	0.0158668	0.502574	-1.99085	1
cg20848988	EEF5EC	0.0284988	7.38E-05	0.253663	-3.94268	0.0101052	1.04107	-1.04107	0.0281677	0.661879	-1.51085	0.0236502	0.650435	-1.53743	0.00977967	0.457873	-2.18401	0.0287926	0.613975	-1.62873	0.9156	0.162336	6.00036	0.786261	1.05277	1.05277	0.0010512	1.98397	1.98397	2.16254	12.9381	1.503859	1
cg02292948	EEF5EC	0.0001284	0.033528	0.678094	-1.47472	0.434628	1.13281	1.13281	0.0824422	1.35109	1.35109	0.226592	1.21969	1.21969	1.88E-06	0.157072	-6.36651	0.267701	0.834765	-1.19794	0.00648574	0.574923	-1.73936	0.79032	1.04257	1.04257	0.0149344	0.626142	-1.59708	20.7033	8.02297	0.344464	1
cg08045658	EEF5EC	0.0004063	0.0004	0.635417	-1.57377	0.0018864	0.14838	-1.14838	0.0134252	0.481408	-2.07763	0.0134252	0.481408	-2.07763	0.0134252	0.481408	-2.07763	0.0134252	0.481408	-2.07763	0.0134252	0.481408	-2.07763	0.0134252	0.481408	-2.07763	0.0134252	0.481408	-2.07763	0.0134252	0.481408	-2.07763	1
cg11744135	EEF5EC	0.0016533	0.0042555	0.420929	-2.37573	0.0313354	0.561188	-1.78193	0.0082653	0.363092	-2.75412	0.745242	0.928139	-1.07743	0.00120245	0.337833	-2.96004	0.365093	0.808264	-1.23722	0.00113728	0.334589	-2.98874	0.739081	1.07946	1.07946	0.000430061	0.279629	-3.57617	10.2581	8.50026	0.736565	1
cg00304223	EEF5EC	0.0019063	0.0426155	1.43113	1.43113	0.0818829	1.14455	1.14455	0.0134548	1.47537	1.47537	0.0997447	1.31917	1.31917	0.0004025	0.421468	-2.373	0.655708	1.09751	1.09751	0.0001747	1.31917	1.31917	0.0004025	0.421468	-2.373	0.655708	1.09751	1.09751	0.0001747	1.31917	1.31917	0.0004025	0.421468	-2.373	1
cg00984048	EEF5EC	0.0293623	0.0388473	0.529236	-1.88955	0.1886653	-1.12784	0.8869329	0.0996242	-1.00377	0.2560063	1.43163	1.43163	0.0001404	0.1400567	-7.11402	0.0383359	1.04718	1.04718	0.2487175	1.43507	1.43507	0.0585554	1.892555	1.892555	0.0774991	1.55666	-1.79643	7.94666	11.2156	1.42457	1
cg22450197	EEF5EC	0.0001	0.00606816	0.187569	-5.33161	-1.21707	0.548098	-1.82435	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	1
cg03144165	EEF5EC	0.0034467	0.752746	1.08163	1.08163	0.2611	1.04619	-1.04619	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	1
cg02811067	EEF5EC	0.0156887	0.804358	1.08018	1.08018	0.00229377	3.76074	3.76074	0.0103498	2.72833	2.72833	0.806152	0.926441	-1.0794	0.722949	0.914022	-1.09407	0.242535	0.683801	-1.46241	0.00923729	2.79211	2.79211	0.171882	1.57138	1.57138	0.367311	0.749914	-1.33349	5.10421	7.80708	1.35959	1
cg20980575	EEF5EC	0.0157107	0.0157487	1.18335	1.18335	0.336868	1.14852	1.14852	0.507343	0.860552	-1.16203	0.507343	0.860552	-1.16203	0.507343	0.860552	-1.16203	0.507343	0.860552	-1.16203	0.507343	0.860552	-1.16203	0.507343	0.860552	-1.16203	0.507343	0.860552	-1.16203	0.507343	0.860552	-1.16203	1
cg23940596	EEF5ED1	0.015979	0.744381	1.14301	1.14301	0.21941	0.590007	-1.6949	0.122882	1.97961	1.97961	0.00461308	0.50534	0.50534	0.128378	0.510958	1.95711	0.276976	1.58714	1.58714	0.38399	0.694415	-1.44006	0.975543	1.0126	1.0126	0.814079	0.908243	1.10103	5.07321	13.4106	2.3497	1
cg10056482	EEF5ED1	0.0247742	0.0191614	6.20019	6.20019	0.143938	2.74727	2.74727	0.360134	1.8324	1.8324	0.024767	0.58729	0.58729	0.0255859	0.5144	0.5144	0.0480806	4.28188	4.28188	0.00683042	9.54049	9.54049	0.012597	7.36714	7.36714	0.5061911	0.647787	-1.54372	4.371	28.6856	5.83352	1
cg16107103	EEF5ED1	0.0169332	0.8111667	1.07012	1.07012	0.6668	1.02473	-1.02473	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	1
cg16477869	EEF5ED1	0.030915	0.155645	0.810633	-1.2336	0.0367965	0.715207	-1.3982	0.876927	1.02165	1.02165	0.224835	0.844926	-1.18354	0.00625838	0.611215	-1.63609	0.250026	0.846949	-1.18071	0.0278523	1.43216	1.43216	0.0561509	0.741631	-1.34838	0.197813	0.82853	-1.20696	0.43038	1.22288	0.268835	1
cg21928337	EEF5ED1	0.0271557	0.6731557	1.08743	1.08743	0.499599	1.02511	-1.02511	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	0.0134548	0.481408	-2.07763	1
cg07886100	EEF5ED1	0.0473371	0.0431652	0.286513	-3.49024	0.112184	0.394823	-2.53278	0.128129	0.413217	-2.42003	0.146661	0.430927	-2.32058	0.0053728	0.139512	-7.16784	0.122013	0.406331	-2.46105	0.00875055	0.16622	-6.01613	0.3892	0.62242	-1.60663	0.058486	0.317077	3.15381	3.45908	15.1865	4.0644	1
cg20258768	EEF5ED1	0.0044623	0.0920349	0.673721	-1.48429	0.537025	1.14238	1.14238	0.658522	0.909633	-1.09934	0.934041	1.01778	1.01778	0.0951403	0.676724	-1.47771	0.000863003	0.344681	-2.90124	0.0037969	2.29665	2.29665	0.129492	0.705522	-1.41739	0.00612485	0.466858	-2.14198	7.6054	5.46215	0.638394	1
cg10566641	EEF5ED1	0.0376241	0.498053	0.947059	-1.05596	0.0138661	1.13559	1.13559	0.227321	1.19873	1.19873	0.0215577	0.703631	-1.42139	0.0178004	0.565202	-1.76932	0.650575	1.09375	1.09375	0.0045245	1.21702	1.21702

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1111 vs. N)	Fold-Change(1 vs.1111)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	Ratio(1131 vs. N)	Fold-Change(1 vs.1131)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs.537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg16100120	EFEMP1;EFEMP2;EFEMP1	0.00209556	0.593107	0.85119	-1.17481	0.878863	0.955462	-1.04661	0.713836	1.1163	1.1163	0.350542	0.754715	-1.3261	0.810382	0.930604	-1.07457	0.814053	0.932036	-1.07292	0.448061	0.793763	-1.25982	2.24E-05	12.6748	0.452573	1.25683	0.25683	9.51154	13.441	1.25629	1
cg25711779	EFEMP1;EFEMP2;EFEMP1	0.00258999	0.00418241	0.3308357	-3.02245	0.0133041	0.260516	-3.83854	0.436223	0.795366	-1.25728	0.190043	0.670284	-1.4919	0.382007	0.772264	-1.29489	0.589158	0.854567	-1.17018	0.005630334	0.350833	-2.85036	0.00134251	3.83094	3.83094	0.289436	0.728368	-1.37293	0.93485	1.17617	1.16965	1
cg05385513	EFEMP1;EFEMP2;EFEMP1	0.00790652	0.1683867	0.511257	-1.95596	0.804288	1.12017	1.12017	0.53088	1.33662	1.33662	0.424788	0.688975	-1.45143	0.0319593	0.317035	-3.15423	0.196176	0.535427	-1.86767	0.44038	0.697929	-1.43281	0.000253786	15.7312	15.7312	0.895333	1.06201	1.06201	0.636765	21.0681	2.94099	1
cg16947612	EFEMP1;EFEMP2;EFEMP1	0.01115996	0.0113616	0.6002273	-1.66591	0.8879546	0.738441	-1.35424	0.0191518	0.63348	-1.57858	0.0520667	0.700544	-1.42746	0.00219398	0.500775	-1.997	0.021599	0.641277	-1.55917	0.191099	1.2491	1.2491	0.679165	0.935215	-1.06927	0.0168425	0.625215	-1.59945	5.63512	2.33471	0.365124	1
cg05168033	EFEMP1;EFEMP2;EFEMP1	0.0245728	0.0150596	0.7451	-1.3421	0.344374	0.908536	-1.10067	0.502024	1.0694	1.0694	0.274351	0.894032	-1.11853	0.217038	0.879929	-1.13646	0.005371739	0.696966	-1.43479	0.19291	0.8731	-1.14534	0.122565	0.8480777	-1.17914	0.00270777	0.66497	-1.50383	4.3834	0.673337	0.136543	1
cg03122624	EFEMP1;EFEMP2;EFEMP1	0.0194658	0.1559111	0.5219381	-1.91578	0.2614406	1.65951	1.65951	0.104427	2.15468	2.15468	0.269981	0.608492	-1.64641	0.323437	0.643348	-1.55437	0.608549	0.799794	-1.25032	0.284535	0.628297	-1.61735	0.000883328	8.89644	8.89644	0.901091	1.04764	-1.05525	4.7089	13.9492	2.63315	1
cg20786074	EFEMP1;EFEMP2;EFEMP1;EFEMP3	0.0378608	0.0850068	0.3310022	-3.02095	0.318841	0.546242	-1.83069	0.924136	0.94621	-1.05685	0.956919	1.03186	1.03186	0.554365	0.706683	-1.41506	0.329433	1.79369	1.79369	0.109473	0.363114	-2.75396	0.00204334	12.4691	12.4691	0.447614	1.56721	1.56721	3.75818	20.058	4.74415	1
cg04949741	EFEMP2;EFEMP1	0.00236509	0.0696925	0.5435	-1.54055	0.232217	1.04812	1.04812	0.507599	-1.97006	0.779668	0.941422	-1.06222	0.0312381	0.586288	-1.70565	0.00275553	3.16116	3.16116	0.00326679	2.41763	2.41763	0.199063	0.79074	-1.5316	0.00625937	2.23612	2.17812	10.8916	7.39469	0.538059	1
cg02586790	EFEMP2	0.01170777	0.860032	1.02239	1.02239	0.00112704	0.548109	-1.82445	0.024903	1.40003	0.638514	1.08615	1.08615	0.215117	0.840917	-1.17783	0.392957	1.896039	-1.11602	0.66722	1.05576	0.0537026	0.779226	-1.285	0.0344124	1.36272	1.36272	5.61822	14.0004	2.221509	1
cg00576331	EFEMP2	0.0442102	0.189435	1.3996	1.3996	0.303119	1.2943	1.2943	0.755885	1.07834	1.07834	0.955042	1.01373	1.01373	0.724883	0.918091	-1.08922	0.233403	1.35279	1.35279	0.00422762	0.396032	-2.52505	0.0451733	0.573613	-1.74333	0.103323	0.649919	-1.53865	3.54895	3.28771	0.823458	1
cg20491397	EFEMP2	0.0228088	0.2567964	0.4894488	-2.04393	0.1482	1.59298	1.59298	0.148552	1.68241	1.68241	0.274491	1.55437	1.55437	0.189347	1.08423	1.08423	0.0824121	0.0016254	0.0002685	0.00422428	0.385521	2.59481	0.145603	0.7885641	1.17616	0.0496707	0.836514	1.96614	4.72669	50.5528	5.12887	1
cg20724184	EFEMP1	0.00330413	0.161173	1.61497	1.61497	0.706071	1.12002	1.12002	0.579144	1.19655	1.19655	0.543601	1.21763	1.21763	0.00106971	0.212618	-4.70327	0.0863122	0.545017	-1.83481	0.00260212	0.262869	-3.80418	0.00881447	0.198352	-5.04154	0.280709	0.698281	1.43209	8.315592	13.5112	1.44425	1
cg08163803	EFEMP1;EFEMP2	0.0117811	0.215381	0.719449	-1.40557	0.125624	0.648818	-1.54178	0.280355	1.33253	1.33253	1.26305	0.756945	-1.35959	0.00235492	0.206782	-4.83602	0.446997	0.814478	-1.22837	0.0177733	0.435053	-2.12539	0.0178223	0.700665	-1.42722	0.204959	0.704781	-1.41888	5.606886	6.07691	0.99341	1
cg03847791	EFEMP1;EFEMP2	0.0317823	0.00638047	0.5439	-1.94021	0.325873	1.20854	1.20854	0.00936706	1.85011	1.85011	0.4681	1.14781	1.14781	0.049579	0.58101	-1.72155	0.730269	0.730269	-1.36936	0.0292662	0.619058	-1.61536	0.35884	1.19265	1.19265	0.206258	0.779628	-1.28266	5.32724	2.9417	0.490844	1
cg24734865	EFEMP1	0.0256491	7	7	7	0.00125179	0.686868	-1.72148	0.0719966	0.724145	-1.38094	0.178877	0.794454	-1.25873	0.0184415	0.680146	-1.47027	0.046085	0.692577	-1.44388	0.714228	0.94026	-1.06089	0.62361	1.08274	1.08274	0.705889	0.940888	1.06383	4.3955	1.59756	0.36362	1
cg22280671	EFEMP1;EFEMP2	0.0357453	0.0142474	0.1563303	-6.39784	0.0164056	0.252455	-3.96111	0.037424	2.56128	2.56128	0.242116	0.482119	-2.07435	0.0147121	0.306319	-3.26402	0.025144	0.190512	-5.24771	0.0807918	0.124608	-8.02657	0.0251648	0.19581	-5.10742	0.569181	0.844655	-1.18425	1.455021	0.66446638	0.279375	3.57942	0.55891	1.8045	1
cg08462088	EFEMP2	0.00370348	0.1564961	0.717291	-1.39414	0.480995	1.17004	1.17004	0.257489	0.771778	-1.29571	0.0888395	0.662691	-1.509	0.936118	1.01773	1.01773	8.40E-05	0.212078	-4.71525	0.289292	1.27269	1.27269	0.679013	0.912813	-1.09551	0.00965001	0.462054	-2.16425	8.03654	6.11703	0.676581	1
cg06544811	EFEMP2;EFEMP1	0.00878561	0.0140956	0.658819	-1.51763	0.0200110174	0.474915	-2.10555	0.0932265	0.701734	-1.42618	0.865376	0.947255	-1.05592	0.00389002	0.560777	-1.78324	0.483141	0.899381	-1.11188	0.0620184	0.731521	-1.36702	0.0105191	0.6194	-1.61447	0.0218857	0.662114	-1.51031	6.25285	2.19262	0.311697	1
cg00393781	EFEMP2	0.0208135	0.638477	1.10308	1.10308	0.227755	1.30016	1.30016	0.238467	0.774161	-1.29172	0.237645	1.29236	1.29236	0.213571	0.773207	-1.30009	1.30009	0.080665	1.669209	-1.4943	0.827353	1.04632	0.0485359	2.00325	2.00325	0.00227933	0.4221	2.4221	4.64134	3.15937	0.607095	1
cg18577280	EFEMP2	0.0223888	7	7	7	7	7	7	7	7	7	7	7	7	0.108789	0.166312	-6.01278	0.231854	0.467312	-2.1399	0.00891115	22.1357	22.1357	7	7	0.497099	0.675585	-1.4802	16.3347	28.1825	1.29399	1
cg07421229	EFEMP2	0.0273704	0.0276607	0.3664217	-2.7291	0.692793	1.16546	1.16546	0.12001	0.521833	-1.91632	0.990875	0.9956	-1.00442	0.00262609	0.202047	-4.95383	0.131217	0.533452	-1.87458	0.149072	0.553102	-1.80827	0.0413941	2.47718	2.47718	0.197217	0.591151	-1.69161	4.4347	10.4485	2.09345	1
cg21653826	EFEMP2	0.0442804	0.35439	0.829989	-1.20484	0.300428	1.23351	1.23351	0.0190579	1.74199	1.74199	0.058243	0.657973	-1.51982	0.141152	1.36277	1.36277	0.065436	0.667392	-1.49837	0.863014	1.03435	1.03435	0.0470473	1.55975	1.55975	0.263208	1.27476	1.27476	1.37926	2.17442	0.538499	1
cg08219773	EFEMP2	0.0454602	0.784227	0.932043	-1.07292	0.125624	0.634663	-1.57605	0.0560565	0.84105	-1.18925	0.116193	0.603742	-1.65728	0.0605566	0.84105	-1.18925	0.0192455	0.0198435	-5.03702	0.0066725	0.184969	-5.40772	0.0110846	0.184773	1.81048	1.81048	0.0116076	0.652693	-1.53211	5.7939	7.64852	1.40421	1
cg02329527	EFHB	0.0146898	0.0468939	0.474596	-2.10706	0.0879691	0.539612	-1.85318	0.117512	0.572943	-1.74537	0.562748	1.21132	1.21132	0.00748412	0.32368	3.08947	0.284197	0.694554	-1.43977	0.000630962	0.178888	-5.59008	0.680264	0.873053	-1.14541	0.0682916	0.512347	1.9518	5.24262	8.91202	1.53104	1
cg01275380	EFHB	0.0241891	0.0113331	0.1909556	-5.23681	0.0234623	0.343109	-2.91145	0.0875551	0.373224	-2.67936	0.427447	0.655034	-1.52664	0.00257533	0.146511	-6.82543	0.018302	0.224188	-4.46065	0.0168794	0.218246	-4.58198	0.66347	0.336309	-2.97345	0.0453716	0.301611	-3.31552	4.4074	19.0339	3.83879	1
cg02331517	EFHB;EFHB	0.00590031	0.0059843	0.5096	-1.96205	0.0244168	0.26207	-3.82577	0.0233143	1.42462	1.42462	0.37168	0.605589	-1.65106	0.00137175	0.225048	-4.44355	0.005509	0.0002017	0.00017207	0.140301	0.0002017	-7.12751	1.63E-05	0.0345788	0.0240084	0.042326	2.31107	11.8	1.3058	0.0240084	0.042326	2.31107	11.8	1.3058	1
cg04821313	EFHC1	0.0076688	0.6137713	0.959478	-1.04223	0.140393	1.14645	1.14645	0.0120853	1.30948	1.30948	0.102649	0.864983	-1.15609	0.228892	1.11495	1.11495	0.532907	1.05593	-1.05593	0.000555621	0.630259	-1.58665	0.311542	1.09441	1.09441	0.194183	1.12565	1.12565	4.62899	0.756026	0.10453	1
cg20839095	EFHC1	0.0258739	0.0496574	0.76802	-1.30205	0.3393283	1.04383	1.04383	-1.15201	0.0552623	0.729241	1.29121	0.646503	1.37958	1.27556	0.0748844	1.2634	1.2634	0.503376	0.923092	-1.08312	0.167482	0.840813	-1.18932	0.0448853	1.66758	-1.15263	0.0155362	1.4187	4.75191	0.944425	0.156987	1
cg03651852	EFHC1;EFHC1	0.0306407	0.0104845	0.7109139	-1.38978	0.245605	1.13211	1.13211	0.00507457	1.46012	1.46012	0.777575	0.971478	-1.02936	0.0918993	0.82729	-1.20877	0.00971337	0.715882	-1.39688	0.806 -07	0.225539	-3.85611	0.0165813	0.34851	-3.3481	0.100194	1.20136	1.20136	4.26121	1.73266	0.146978	1
cg03223687	EFHC2	6.48E-05	0.38911	1.21271	1.21271	0.000554652	0.310078	-3.225	0.000218628	0.260109	-3.84453	0.00072095	0.324883	-3.07803	3.88E-06	0.0953114	-10.4919	0.0244421	1.7965	1.7965	0.887888	1.0313	1.0313	0.2891	1.27127	1.27127	0.803249	0.946913	-1.05606	24.8492	18.7914	0.672192	1
cg04353355	EFHC2	0.00316143	0.1080857	0.5672373	-1.76266	0.0515572	0.492232	-2.03156	0.00259285	0.193483	-5.16959	0.0367973	0.454539	-1.22006	0.00150256	0.183883	-5.43871	0.0163466	0.387092	-2.58351	0.0074302	0.135722	-7.36705	0.0015483	0.355722	-2.81119	0.0237402	0.393957	0.0637976	0.509813	-1.96161	4.4347	1
cg23252784	EFHC2	0.00483344	0.0424459	0.556861	-1.79578	0.0366256	0.544217	-1.8375	0.00548998	0.400636	-2.49603	0.704029	0.908808	-1.10034	0.00059085	0.264607	-3.77918	0.269997	0.749737	-1.33345	0.00236871	0.345746	-2.8923	0.145457	1.47938	1.47938	0.0921574	0.628489	-1.59112	7.41481	7.37102	0.883638	1
cg18779570	EFHG	0.00601599	0.7842287	0.932043	-1.07292	0.125624	0.634663	-1.57605	0.0560565	0.84105	-1.18925	0.116193	0.603742	-1.65728	0.0605566	0.84105	-1.18925	0.0192455	0.0198435	-5.03702	0.0066725	0.184969	-5.40772	0.0110846	0.184773	1.81048	1.81048	0.0116076	0.652693	-1.53211	5.7939	7.64852	1.40421	1
cg06831164	EFHG2	0.0069217	0.361293	0.720705	-1.38753	0.0480744	2.20027	2.20027	0.00469544	3.71159	3.71159	0.0528469	2.1556	2.1556	0.0115905	3.00881	3.00881	0.222813	0.63948	-1.56377	0.0277802	0.403441	-2.47868	0.073102	2.49777	-2.00896	0.0861431	0.515928	-1.93825	6.63835	12.8068	1.71485	1
cg16619186	EFHG2	0.0270032	0.0339443	0.29497	-3.39017	0.026468	0.273217	-3.66009	0.0117593	0.211868	-4.71993	0.182801	0.20771	0.207771	0.00568805	0.167195	-5.98103	0.400299	0.654049	-1.52894	0.933837	0.4043	0.24078	0.942433	1.03626	0.67903	0.814492	-1.22776	0.424149	16.3358	3.42349	1
cg04772836	EFHG2	0.0409562	0.0340734	0.2817	-3.54903	0.0170741	0.246463	-4.05707	0.0138338	0.176162	0.70162	0.179708	0.477582	0.347756	-2.87518	0.0302764	-3.30134	0.283039	0.167268	-5.97871	0.0374572	0.146759	-6.81363	0.0553227	1.29772	1.29772	0.365118	1.19164	1.19164	0.655327	1.21779	0.783997	1.12773	1.12773	0.783997	1.12773	1.12773	1
cg15379170	EFHB	1.48E-05	1.05E-05	0.252665	-3.9578	6.78E-06	0.232696	-4.29746	0.000424159	0.442625	-2.25925	0.680163	0.942395	-1.06113	1.32E-05	0.263497	-3.7954	0.129247	0.637309	-1.5691	0.208857	1.21337	1.21337	0.0077303	0.607125	-1.64711	1.18E-05	0.258314	-3.87125	36.6582	12.3744	0.300055	1
cg00267122	EFHB	0.00275346	0.0182624	0.7327174	-1.38556	0.0479313	0.851853	-1.17403	0.0224414	0.739358	-1.35253	0.4722442	0.8867	1.0867	0.241734	0.919554	-1.1458	0.373726	1.10997	1.10997	0.0000938937	0.02541	0.02541	0.0000938937	0.02541	0.02541	0.0000938937	0.02541	0.02541	0.0000938937	0.02541	0.02541	0.0000938937	0.02541	0.02541	1
cg01471147	EFHB	0.0124127	0.0228383	2.3258	2.3258	0.149555	1.81593	1.81593	0.00408658	2.15613	2.15613	0.253706	1.26829	1.26829	0.436317	0.853557	1.17157	0.286182	2.24713	2.24713	0.508142	0.874716	-1.14323	0.0174026	2.78128	2.78128	0.0847657	0.46242	0.46242	5.41271	0.559687	1
cg08187425	EFHB	0.0194936	0.3491	0.745135	-1.34204	0.1543384	0.627953	-1.59247	0.0941775	0.570285	-1.75351	0.475958	0.801537	-1.2476	0.00429856	0.118305	-3.20713	0.501527	1.23145	1.23145	0.00112487	0.231438	-4.32081	0.944347	1.02154	1.02154	0.131062	0.608004	-1.64473	4.74568	7.00117	1.31135	1
cg22193436	EFHB	0.0183489	0.1152267	0.7202887	-1.38856	0.0460146	0.823356	-1.21456	0.0277753	0.739358	-1.35253	0.4722442	0.8867	1.0867	0.241734	0.919554	-1.1458	0.043418	0.640655	-1.5609	0.0179378	0.05018	0.05018	0.0179378	0.05018	0.05018	0.0179378	0.05018	0.05018	0.0179378	0.05018	0.05018	0.0179378	0.05018	0.05018	1
cg00862443	EFHB	0.0103559	0.184321	0.589407	-1.69656	0.0502682	0.432688	-2.31113	0.00954462	0.291645	-3.42883	0.903647	1.04651	1.04651	0.0296987	0.382657	2.61331	0.125291	0.536439	-1.86414	0.00571403	0.256578	-3.89746	0.0200625	0.350908	-2.84975	0.0794398	0.481518	-2.07677	0.602404	0.06095	1.98367	1
cg16259268	EFHB	0.0444153	0.3798863	0.6082	-1.64391	0.0270227	0.563507	-1.77431	0.0204657	0.6947	-1.4397	0.2818887	0.554872	-1.8031	0.00034	0.672227	1.4857	0.057374	0.0327951	0.0163562	0.0153	0.0153	-65.3594	0.0327951	0.563624	-1.77433	0.0181627	0.950815	-1.05173	0.0327951	0.563624	-1.77433	0.0181627	0.950815	-1.05173	0.0327951	0.563624	-1.77433	1
cg11593908	EFHD1;EFHD1	0.00020808	0.3001182	0.826163	-1.21042	0.0118158	0.57173	-1.74908	2.09E-05	0.217392	-4.59999	0.714036	0.936643	-1.06764	0.000585832	0.388677	-2.57283	0.000175199	0.322359	3.10213	0.000833679	0.408846	-2.44591	0.001040044	0.421685	-2.37144	0.00122313	0.431142	-2.31942	18.1747	9.10413	0.445265	1
cg03646205	EFHD1;EFHD2	0.0179724	0.0149863	0.641655	-2.02425	0.0522869	0.674251	-1.48313	0.0139966	0.676252	-1.48011	0.0495867	0.6703	-1.49147	0.0421196	0.663631	-1.5066	0.0116402	0.529094	-1.88982	0.0168	0.0168	-59.5238	0.0168	0.7561	-1.32249	0.0168	0.7561	-1.32249	0.0168	0.7561	-1.32249	0.0168	0.7561	-1.32249	0.0168	0.7561	-1.32249	1
cg12804441	EFHD1;EFHD1	0.0244477	0.07793	1.50592	1.50592	0.1113	1.50592	1.50592	0.0104845	1.70509	1.70509	0.0104845	1.82136	0.330235	0.806942	-1.23925	0.0133648	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	0.0160942	1
cg15650240	EFHD2	0.00707289	0.697695	1.03028	1.03028	0.0591696	0.849753	-1.17681	0.013531	0.79171	-1.26309	0.00433265	0.747232	-1.33827	1.80E-05	0.512034	-1.95299	0.00997551	0.779853	-1.28229	0.0189319	0.804778	-1.24258	0.0740273	0.85886	-1.16433	0.142919	1.12786	1.12786	12.9732	1.19991	0.0822142	1
cg07335239	EFHD2	0.0195974	0.278464	1.08764	1.08764	1.626-05	1.774332	1.77432	0.4095	1.03905	1.03905	1.0649	0.548545	1.04629	0.00188353	1.19198	1.19198	0.0708081	1.162	1.162	0.0234264	1.32457	1.32457	0.0234264	1.32457	1.32457	0.0234264	1.32457	1.32457	0.0234264	1.32457	1.32457	0.0234264	1.32457	1.32457	0.0234264	1.32457	1.32457	1
cg25978218	EFHD2	0.00506037	0.1816444	0.633209	-1.57926	0.0279449	0.30942	0.30942	0.63776	1.56514	1.66514	0.787532	1.00096	1.00096	0.575045	1.20028	1.20028	0.0125436	2.72018	2.72018	0.0025728	0.307258	3.05339	0.000832794	0.197137	-5.07261	0.835087	0.935024	-1.06949	7.31175	12.0275	1.46218	1
cg06408590	EFHD2	0.0164864	0.9675931	0.996003	-1.00401	0.0128037	1.35638	1.35638	0.0176078	1.3294	1.3294	0.445246	0.926151	-1.07974	0.145477	1.16661	1.16661	0.0051173	0.640244	2.81692	2.81692	0.0014755	0.0486144	1.24866	1.24866	0.131958	1.17308	1.17308	5.21699	0.8030987	0.198413	1
cg27333260	EFHD2	0.0175988	0.478712	1.3121	1.3121	0.0929534	1.52495	1.52495	0.2299	1.25363	1.25363	0.80417773	4.25287	4.25287	0.0242576	0.102288	9.76285	0.0220483	2.81692	2.81692	0.0001435	0.12878	7.76626	0.0001435	0.1678	5.95926	0.0001435	0.163359	6.11978	0.0009113044	0.348877	2.86718	0.348877	2.86718	0.348877	2.86718	0.348877	2.86718	1
cg02774015	EFHD2	0.0333374	0.278982	0.754108	-1.32607	0.0303963	0.75891	-1.31772	0.0276784	0.743221	-1.34549	0.319382	0.756784	0.743221	-1.34549	0.319382	0.756784	0.743221	-1.34549	0.319382	0.756784	0.743221	-1.34549	0.319382	0.756784	0.743221	-1.34549	0.319382	0.756784	0.743221	-1.34549	0.319382	0.756784	0.743221	-1.34549	0.319382	0.756784	0.743221	1
cg20420655	EFHD2	0.0413752	0.791377	0.9509	1.05161	0.0386556	1.65048	1.65048	0.0116451	0.952519	-1.04985	0.18617	1.34077	1.34077	0.00103449	0.361755	-2.76943	0.017466	0.545899	-1.83184	0.10564	0.690848	-1.4475	0.525167	1.14421	1.14421	0.0498382	0.626224	-1.59687	9.70546	6.75985	0.616253	1
cg08453056	EFHD2	0.0080543	0.0005644	0.209979	-4.76232	0.886381	0.97818	-1.04365	0.828898	0.7601	1.06701	0.657962	0.875346	-1.14241	0.0109893	2.32234	2.32234	0.0449271	0.794224	1.25909	0.0500024	0.512817	-1.95003	0.0014958	0.954945	0.563424	-1.77796	0.0147125	0.407715	-2.45269	0.34092	8.81648	1.52693	1
cg12052789	EFHL1;EFHL1	0.0146001	0.784779	0.962226	-1.03926	0.786141	0.962467	-1.039	0.0605967	0.742601	-1.34662	0.496265	1.10205	1.10205	0.000388385	0.45135	2.21558	0.1324536	1.15386	1.15386	0.989457	1.00186	1.00186	0.571792	-1.08369	0.18369	0.0473452	0.726761	-1.37597	5.22715	6.16804	0.278553	1
cg21609826	EFHL1;EFHL1	0.0183634	0.784911	1.03586	1.03586	0.00297092	1.69062	1.69062	0.643951	0.941817	-1.06178	0.182103	0.833265	-1.2001	0.0258833	1.40591	1.40591	0.0032468	1.677	1.677	0.895913	1.017	1.017	0.3927	1.11938	1.11938	0.758352	1.04055	1.04055	8.46244	1.27227	0.233541	1
cg06539488	EFHL1;EFHL1	0.0182164	0.0823164	0.477436	-2.09427	0.0248343	0.643493	-1.55384	0.0134822	0.712902	-1.40346	0.20216	0.759734	0.643493	-1.55384	0.0134822	0.712902	-1.40346	0.20216	0.759734	0.643493	-1.55384	0.0134822	0.712902	-1.40346	0.20216	0.759734	0.643493	-1.55384	0.0134822	0.712902	-1.40346	0.20216	0.759734	0.643493	-1.55384	0.0134822	0.712902	1
cg10861146	EFHL1;EFHL1;RAG1AP1;RAG1AP1;RAG	0.0360614	0.834924	0.972284	-1.02851	0.159348	1.22825	1.22825	0.408824	1.1205	1.1205	0.963943	0.993829	-1.00621	0.0513124	1.34835	1.34835	0.0030518	1.74091	1.74091	0.131513	0.803084	-1.2452	0.402049	0.890905	-1.12245	0.0382394	1.38193	1.38193	8.25247	1.0992	0.25541	1
cg03112145	IAP1	0.005947	0.0195289	0.495979	-2.01621	0.734485	0.9189	-1.08826	0.0781249	1.62627	1.62627	0.777845	0.93214	-1.0728	0.000582837	0.266812	-3.74796	0.0105304	0.449502	-2.22469	0.0147685	0.474554	-2.10724	0.309392	1.29869	1.29869	0.153658	0.684187	-1.46159	6.95819	6.80228	0.868973	1
cg05598406	EFNA2	0.00368552	0.0125225	0.204923	-4.87988	0.0122107	0.203228	-4.92058	0.116958	0.491926	-2.38476	0.0478902	0.315296	-3.17162	0.000685588	0.0709099	-14.1024	0.451742	0.67621	-1.47883	0.0039305	0.307157	0.171705	-5.82393	0.108852	0.409678	-2.44094	0.04827	31.1948	3.66619	1
cg15480703	EFNA2	0.0284785	0.0184414	0.1954	-5.11849	0.0112138	0.150308	-6.65303	0.31982	1.36282	1.36282	0.514446	1.48965	1.48965	0.0022	0.268045	-3.72811

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. 057 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. 117 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. 127 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. 21T vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. 34T vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. 47 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. 53T vs. N)	p-value(527 vs. N)	Fold-Change(527 vs. 53T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 37T vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg11607882	EFR3A	0.0312498	0.371669	1.37941	0.15741	0.599192	0.91895	-1.0882	0.446689	0.88372	-1.13158	0.610563	0.921403	-1.0853	0.728123	1.0572	1.0572		0.00381278	1.7183	1.7183	0.0068802	1.74637	1.74637	0.4929504	0.894854	-1.1175	0.0511796	0.701937	-1.42463	4.02788	1.62042	0.3576	1
cg17146950	EFR3A	0.0331856	0.644432	0.953797	-1.04844	0.0539181	0.688747	-1.45191	0.0184079	0.733751	-1.36286	0.345334	1.10399	1.10399	0.907722	0.987383	1.01278		0.38611	1.09465	1.09465	0.0168715	0.743238	-1.34546	0.132119	0.847534	-1.07377	3.9421	0.64689	0.145865	1
cg17152658	EFR3A;EFR3A	0.0150946	0.188176	0.752162	-1.3295	0.555354	1.129556	1.129556	0.0351664	0.605836	-1.65061	0.000307231	0.302142	-3.3097	0.135776	0.720124	-1.38865		0.316905	0.809521	-1.2353	0.938143	0.984273	-1.01598	0.604672	1.11256	1.11256	0.894026	0.973155	-1.02759	5.16994	3.41546	0.587235	1
cg20074666	EFR3B	0.00134308	0.000393899	4.8422	4.8422	0.00773724	2.6241	2.6241	0.155001	1.53901	0.00255197	2.09512	2.09512	2.09512	0.116466	1.610257	1.610257		0.328956	1.325122	1.325122	0.000191058	1.79053	1.79053	0.004565824	0.47697	4.67697	0.0332109	2.004772	2.004772	10.8176	13.3744	1.098898	1
cg01400712	EFR3B	0.00187239	0.168361	0.917816	-1.08954	0.0030107	1.40973	1.40973	0.000255811	1.42163	1.42163	0.247683	1.07316	1.07316	0.0095635	1.21131	1.21131		0.257649	0.933115	-1.07145	0.97665	1.00171	0.486938	1.04213	1.04213	0.323034	1.06145	1.061645	0.92864	0.5313302	0.0480502	1
cg25603603	EFR3B	0.00264777	0.465787	0.933665	-1.07105	0.0173782	0.76503	-1.30714	0.235802	1.12181	1.12181	0.027144	0.785176	-1.2736	0.00438586	0.70343	-1.42165		0.808098	0.977749	-1.02276	0.000346908	0.70258	1.70258	0.0155619	0.945826	-1.05728	0.1390511	1.15863	1.15863	0.88047	1.00271	0.120386	1
cg25816739	EFR3B	0.01200515	0.572474	0.844485	-1.18415	0.1740496	0.651474	-1.53498	0.0114037	0.391211	-2.55617	0.14999	0.63294	-1.57993	0.467787	1.24478	1.24478		0.176404	1.53104	1.53104	0.00179649	3.72953	3.72953	0.0605111	8.8725	8.8725	0.375178	0.763571	-1.30964	5.57267	7.7521	1.23653	1
cg18899529	EFR3B	0.0370278	0.0463167	1.49827	1.49827	0.0161032	0.625607	-1.59823	0.0179799	1.19592	1.19592	0.121951	0.967351	-1.30594	0.0634805	0.717913	-1.39409		0.0177267	0.63181	-1.58275	0.6008846	0.910383	-1.09842	0.0158807	0.8596673	-1.16323	0.2643773	0.831053	-1.20329	3.78883	1.53129	0.556907	1
cg11785176	EFR3B	0.01885	0.525606	1.11269	1.11269	0.394453	0.842988	-1.18626	0.501118	1.12003	1.12003	0.0869586	0.780669	-1.36621	0.0116824	0.613842	-1.62857		0.0018061	1.40148	1.40148	0.0186432	0.622857	-1.6055	0.0315589	0.996398	0.999251	1.00075	3.74886	1.63636	0.387995	1
cg23237242	EFR3B	0.00419639	0.19441	-5.14377	0.506255	0.74975	-1.33378	0.0508893	2.5853	2.5853	0.679852	0.837601	-1.19389	0.0134989	0.270932	-3.69097		0.742416	1.15125	1.15125	0.883744	0.939426	-1.06448	0.787193	0.890869	-1.1225	0.955326	1.02427	1.02427	3.67653	10.6199	2.56761	1
cg04968434	EFR3B;EFR3B	0.0189102	0.0089356	5.570787	5.570787	0.0023002	2.45437	2.45437	0.0127227	1.2887	0.0139044	1.49594	1.49594	1.49594	0.0161936	1.637489	-1.62562		0.132297	1.76095	1.76095	1.4913	1.28716	0.830007	1.20484	1.20484	0.882389	0.93144	-1.15957	4.59473	2.15882	0.402021	1
cg02213260	EFS;EFS	1.95E-07	0.690808	1.972962	-1.02779	0.14492	1.11637	1.11637	0.0257247	0.830052	-1.20474	1.19E-08	4.92035	4.92035	0.0572652	0.843958	-1.18489		8.59E-06	1.97456	1.97476	2.15E-05	0.548306	-1.8238	4.32E-07	2.738	2.738	0.000306586	1.510013	1.51013	1.151858	8.704474	0.0696083	1
cg13031388	EFS;EFS	2.77E-05	0.136971	0.615361	-1.62509	0.00144478	2.550329	2.550329	0.0108701	0.438729	-2.38812	3.09E-05	17.4898	17.4898	0.0028904	0.455596	-2.19493		0.000288604	4.74478	4.74478	0.793763	0.926562	-1.08265	5.32E-06	22.9307	22.9307	0.1762	1.54627	1.54627	10.9385	45.2615	1.2933	1
cg14370314	EFS;EFS	4.00E-05	0.151705	0.599725	-1.66743	0.000233798	7.624663	7.624663	0.0454493	0.752807	-1.32836	3.70E-05	23.7905	23.7905	0.616558	0.545103	-1.83501		0.000321427	6.94244	6.94244	0.449079	0.775535	-1.29277	8.81E-06	24.7876	24.7876	0.0520187	2.08725	2.08725	28.2291	49.5437	1.56005	1
cg11840125	EFS;EFS	0.00179024	0.721537	0.883326	-1.13209	0.00286985	4.16641	4.16641	0.963881	0.985711	-1.0145	1.11E-05	25.6019	25.6019	0.677293	0.676151	-1.47896		0.000719789	5.954526	5.95426	0.180591	1.637	1.637	0.000112775	10.5022	10.5022	0.758968	1.11259	1.11259	18.9308	36.0314	1.69184	1
cg18844382	EFS;EFS	0.00038079	0.350729	0.59034	1.57004	0.0312446	1.27925	1.27902	0.7072	1.13999	1.13999	2.09E-05	56.4502	56.4502	0.9618	1.0279	1.0279		0.000697788	11.3577	11.3577	0.2532388	1.75173	1.75173	0.000138561	23.6781	23.6781	0.6794717	1.21562	1.21562	15.4409	53.8781	3.10884	1
cg21053866	EFS;EFS	0.00089893	0.113952	0.382597	-2.61371	0.0160307	5.19111	5.19111	0.334119	0.573172	-1.74468	0.000205844	32.259	32.259	0.385388	0.608235	-1.6441		0.002041569	10.5965	10.5965	0.35591	1.69987	1.69987	0.000297419	26.8425	26.8425	0.0210493	0.685454	0.685454	12.1268	59.953	4.39453	1
cg17606795	EFS;EFS;EFS;EFS	0.00110433	0.119886	0.64313	-1.55407	0.00128991	3.54431	3.5443	0.65561	0.885946	-1.12874	0.000427569	4.5009	4.5009	0.246162	0.720941	-1.38708		0.003464449	2.91977	2.91977	0.0174402	2.18318	2.18318	0.000971223	3.79376	3.79376	0.783353	0.928341	-1.07719	10.4995	13.1862	1.02462	1
cg19736128	EFS;EFS;EFS;EFS	0.00116884	0.826552	0.856079	-1.1679	0.0177005	7.63833	7.63833	0.3208	0.685259	-1.26075	0.000229774	74.6227	74.6227	0.273981	0.448252	-2.23089		0.000854675	34.6534	34.6534	0.1954432	2.62529	2.62529	0.000452266	49.2555	49.2555	0.503129	1.614431	1.614431	15.2656	88.5761	6.9949	1
cg24114890	EFS;EFS;EFS;EFS	0.0320398	0.139661	0.485857	-2.05822	0.597769	1.273355	1.273355	0.296499	0.611653	-1.63491	0.0110419	4.25315	4.25315	0.163703	0.509157	-1.96403		0.03131183	3.09981	3.09981	0.278385	0.599367	-1.66843	0.0345198	3.06368	3.06368	0.378655	0.663516	-1.50712	3.9921	13.0405	2.90362	1
cg27636559	EFTUD1;EFTUD1	0.00287478	0.000492125	3.92408	3.92408	0.0001002	2.52471	2.52471	0.18584	0.120574	0.544361	-1.83677	0.0134255	0.00446522	0.334691	-2.98945		0.0794674	0.494081	-2.02356	0.00318192	0.240857	-4.15128	0.015068	0.3067975	-1.77928	0.0134966	0.130373	-1.02689	0.66706	0.810064	1.84472	1
cg18091465	EFTUD1;EFTUD1	0.0334945	0.138295	0.839451	-1.19125	0.00173619	1.63209	0.0774556	1.24017	1.24017	0.750842	0.959267	-1.04246	0.906506	0.987197	-1.01297		0.459869	1.08003	1.08003	0.0329493	1.33462	1.33462	0.372213	1.10569	1.10569	0.700435	0.94031	1.31462	1.33082	0.748426	0.169323	1
cg18819378	EFTUD1;FAM154B;EFTUD1	0.0034466	0.0184265	1.58015	-1.15646	0.0388073	0.764856	0.764856	0.0104433	0.731391	0.0167262	0.0355005	0.0153784	0.0153784	1.21339	1.21339		0.0011099	0.666661	0.666661	-1.52286	0.0136982	0.422683	-2.36585	0.4099945	0.941827	0.0617773	0.963439	0.950996	-1.04002	0.78555	0.824362	0.234014	1
cg19982718	EFTUD1;FAM154B;EFTUD1	0.00179693	0.442911	0.08046	1.08046	0.256825	0.889528	-1.12419	0.17584	1.153	1.153	0.885274	0.985821	-1.01438	0.756931	1.03119	1.03119		3.89E-05	0.458657	2.18028	0.869603	0.98388	-1.01638	0.0155233	0.74557	-1.34126	0.0744403	1.21725	1.21725	9.9467	1.5413	0.137739	1
cg18542458	EFTUD1;FAM154B;EFTUD1	0.00894011	0.208488	1.33606	1.33606	0.120356	1.44504	1.44504	0.00348554	0.53133	0.5113	0.0201493	1.84484	1.84484	0.255552	1.29612	1.29612		0.69033	1.09145	1.09145	0.726122	0.929035	-1.07987	0.360898	0.814461	-1.22781	0.00824608	2.09234	2.09234	0.652133	4.63172	0.67214	1
cg18183124	EFTUD1;FAM154B;EFTUD1	0.01215594	0.000993219	2.5219	2.5219	0.0082254	2.03469	2.03469	0.0388227	0.64513	0.8383	0.0031027	2.64513	2.64513	0.185835	1.82905	-1.27929		0.000697788	11.3577	11.3577	0.2532388	1.75173	1.75173	0.000138561	23.6781	23.6781	0.6794717	1.21562	1.21562	15.4409	53.8781	3.10884	1
cg00637795	EFTUD1;FAM154B;EFTUD1	0.02220185	0.00935021	0.14571	-6.86293	0.0465841	0.264011	-3.78772	0.20846	0.460754	-2.17036	0.19867	0.452148	-2.21167	0.00814242	0.183042	-7.24419		0.07310665	0.307791	-3.24895	0.00202886	0.0786261	-12.7184	0.11595	0.369458	-2.71402	0.1045165	0.354106	-2.82402	4.53922	24.5494	4.80737	1
cg12143494	EFTUD2;CDC103;EFTUD2	0.0177981	0.212299	0.582318	-1.71698	0.0208435	0.914335	-1.09373	0.0208977	1.42742	1.42742	0.0262787	0.645315	-1.5271	0.0899743	0.98723	-1.01293		0.0922626	1.20795	1.20795	0.327354	0.902157	-1.10845	0.0799763	0.94335	1.06035	0.149355	0.805759	0.814359	1.19984	1.41886	0.893655	1
cg04645185	EFTUD2;CDC103;EFTUD2	0.0452844	0.0331785	0.567093	-1.76338	0.233559	1.1939	1.1939	0.330126	1.1532	1.1532	0.1958	1.30173	1.30173	0.361363	1.14234	1.14234		0.338221	1.869338	1.1503	0.113287	0.786233	-1.27189	0.624591	0.932438	-1.07246	0.957432	1.12061	0.283207	1
cg15077637	EFTUD2;CDC103;EFTUD2	0.0493059	0.60674	0.793856	-1.25967	0.240563	1.72685	1.72685	0.714817	0.849449	-1.17723	0.693575	0.838559	-1.19252	0.00112771	0.118707	-8.42413		0.861149	1.08095	1.08095	0.271756	1.66309	1.66309	0.708164	0.846039	-1.18198	0.746386	1.15521	1.15521	3.40617	10.6646	2.78309	1
cg20852653	EFTUD2;EFTUD2	0.0312099	0.000965198	3.10052	3.10052	0.0014307	2.16382	2.16382	0.0433137	0.7527	-1.3035	0.0043317	2.54825	2.54825	0.0844522	0.534695	-1.87008		0.0916897	0.554501	-1.8034	0.0784915	1.10976	1.10976	0.602939	0.90147	1.18134	1.18134	0.131247	0.596058	-1.67793	3.31181	2.6291	0.4196	1
cg23646044	EFTUD2;EFTUD2	0.034122	0.798992	1.07521	1.07521	0.648338	1.23322	1.23322	0.332516	0.752706	-1.32854	0.638825	1.14378	1.14378	0.863128	1.05026	1.05026		0.379344	0.779325	-1.29211	0.000723179	2.23119	2.23119	0.0731203	1.29677	1.29677	0.231859	0.700243	-1.42808	3.9028	4.99142	1.13683	1
cg10268431	EGF	0.00592007	0.0183	1.55455	1.55455	0.0138073	0.794856	0.794856	0.0104433	0.731391	0.0167262	0.0355005	0.0153784	0.0153784	1.21339	1.21339		0.0244602	0.610265	0.610265	-1.63866	0.0136982	0.422683	-2.36585	0.4099945	0.941827	0.0617773	0.963439	0.950996	-1.04002	0.78555	0.824362	0.234014	1
cg27227909	EGF	0.00695466	0.130192	0.701229	-1.42607	0.448805	1.18242	1.18242	0.00267571	0.405991	-2.46311	0.497434	0.86107	-1.16135	0.113842	1.45284	1.45284		0.25289	0.77159	-1.29603	0.00151661	0.370917	-2.69602	0.0192568	0.540766	-1.84923	0.0116457	0.504272	-1.98306	6.62853	4.94951	0.663732	1
cg25788103	EGF	0.00950542	0.309983	1.27499	1.27498	0.0438895	0.585349	-1.70838	0.0327326	0.561172	-1.78199	0.0250548	0.539903	-1.85219	0.0286707	0.550544	-1.81639		0.0936902	1.53153	1.53153	0.040781	1.29041	1.29041	0.0448397	1.32482	1.32482	0.467516	1.18643	1.18643	6.00071	5.08719	0.752767	1
cg24818418	EGF	0.0174032	0.364181	1.17918	1.17918	0.0964063	0.752655	0.752655	0.0104433	0.731391	0.0167262	0.0355005	0.0153784	0.0153784	1.21339	1.21339		0.181609	1.40936	1.40936	0.0170554	1.32784	1.32784	0.0419096	1.16062	1.16062	0.139146	1.23229	1.23229	4.84397	4.52943	0.824362	1
cg06981781	EGF	0.0323043	0.495735	0.737416	-1.35609	0.000863667	0.114809	-8.71008	0.114322	0.469367	-2.13053	0.829659	0.909484	-1.09952	0.407953	0.688843	-1.45171		0.215882	0.563514	-1.77458	0.0119191	0.251096	-3.98254	0.375228	0.6066	-1.64853	0.998547	1.0008	1.0008	3.98823	12.2524	2.73012	1
cg04436847	EGF	0.0151533	0.0186719	-5.3549	5.3549	0.0001002	2.52471	2.52471	0.18584	0.120574	0.544361	-1.83677	0.0134255	0.00446522	0.334691	-2.98945		0.0794674	0.494081	-2.02356	0.00318192	0.240857	-4.15128	0.015068	0.3067975	-1.77928	0.0134966	0.130373	-1.02689	0.66706	0.810064	1.84472	1
cg13379236	EGF	0.0453614	0.029673	0.482264	-2.07055	0.695456	0.894335	-1.11815	0.0864382	0.584126	-1.71196	0.437132	1.25233	1.25233	0.0103227	0.399604	2.50248		0.836537	0.943041	-1.0604	0.189743	0.446484	-2.23972	0.375131	0.29485	1.29485	0.0898027	1.587027	1.70279	3.51498	0.488568	1.13437	1
cg12461111	EGFL6;EGFL6	0.0107963	0.0577845	2.22015	2.22015	0.0730384	0.475516	-2.10298	0.428604	1.35047	1.35047	0.450297	0.751265	-1.33109	0.59171	0.817665	-1.22299		0.119243	1.875	1.875	0.00183159	5.186	5.186	0.00545399	3.892653	3.892653	0.0397194	2.42089	2.42089	5.76713	12.6259	1.94603	1
cg12817924	EGFL6;EGFL6	0.0208897	0.0151533	0.88114	-1.23283	0.00718278	5.1204	5.1204	0.911237	0.69501	1.03601	0.731092	1.09697	1.09697	0.0929805	0.273026	-3.66355		0.0729207	0.668425	1.49805	0.0445766	0.509328	-1.96307	0.0844178	0.7674831	-1.30273	0.0437147	0.153982	-6.49425	1.87547	0.413183	0.559522	1
cg13379236	EGF	0.0453614	0.029673	0.482264	-2.07055	0.695456	0.894335	-1.11815	0.0864382	0.584126	-1.71196	0.437132	1.25233	1.25233	0.0103227	0.399604	2.50248		0.836537	0.943041	-1.0604	0.189743	0.446484	-2.23972	0.375131	0.29485	1.29485	0.0898027	1.587027	1.70279	3.51498	0.488568	1.13437	1
cg12461111	EGFL6;EGFL6	0.0107963	0.0577845	2.22015	2.22015	0.0730384	0.475516	-2.10298	0.428604	1.35047	1.35047	0.450297	0.751265	-1.33109	0.59171	0.817665	-1.22299		0.119243	1.875	1.875	0.00183159	5.186	5.186	0.00545399	3.892653	3.892653	0.0397194	2.42089	2.42089	5.76713	12.6259	1.94603	1
cg12817924	EGFL6;EGFL6	0.0208897	0.0151533	0.88114	-1.23283	0.00718278	5.1204	5.1204	0.911237	0.69501	1.03601	0.731092	1.09697	1.09697	0.0929805	0.273026	-3.66355		0.0729207	0.668425	1.49805	0.0445766	0.509328	-1.96307	0.0844178	0.7674831	-1.30273	0.0437147	0.153982	-6.49425	1.87547	0.413183	0.559522	1
cg18429476	EGFL6;EGFL6	0.0174349	0.155996	2.34374	2.34374	0.287017	0.53772	-1.8597	0.583697	1.3642	1.3642	0.0288969	0.235375	-4.24913	0.0125142	0.480068	2.08304		0.230434	2.02597	2.02597	0.028995	0.233855	-4.27615	0.0426336	3.70949	3.70949	0.122754	2.55597	2.55597	3.77574	18.8227	4.43361	1
cg14548542	EGFL7;EGFL7	0.0073757	0.0507707	1.71287	1.71287	0.0464063	0.626154	-1.59683	0.0213	0.680077	1.30031	0.0088247	2.09567	2.09567	0.0102566	0.477153	2.09567		0.388584	1.38115	1.38115	0.0244908	0.797137	1.88193	1.88192	0.7647742	0.929507	-1.07579	0.130418	0.772452	0.925875	1.33656	0.2572	1
cg05037688	EGFL7;EGFL7	0.0150128	0.593021	1.1448	1.1448	0.124263	0.658875	-1.51774	0.00182251	0.329343	-3.03635	0.0352294	0.540736	-1.84933	0.0180545	0.48677	-2.05436		0.198144	0.711107	-1.40626	0.00478779	0.391184	-2.55634	0.2411029	0.735217	-1.36014	0.0260643	0.515841	-1.93858	5.17924	5.15425	0.884601	1
cg12184802	EGFL7;EGFL7	0.0176615	0.0654643	0.56513	-1.76952	0.0178145	0.800364	-1.06568	0.0144	0.647208	-1.54407	0.0244038	-1.18481	0.714437	0.927677	-1.07833	0.737446	0.454515	0.0970997	0.478912	-2.08803	0.0233445	0.477367	-2.09511	-1.83905	0.0197645	0.627477	0.739621	-1.35204	4.09632	3.82488	0.583172	1
cg08529852	EGFL7;EGFL7	0.0398971	0.829598	1.0254	1.0254	0.312405	0.797662	-1.25366	0.780752	1.06222	1.06222	0.0999934	0.537204	1.47688	0.8163648	0.950916	-1.05162		0.125433	1.6159	1.43159	0.0184435	0.962018	1.38322	1.38322	0.3123017	0.583448	1.72498	4.73248	3.50135	0.658802	1
cg22405982	EGLB	0.000351402	0.000590214	0.288442	-3.4669	0.0483255	2.40026	2.40026	0.0946474	1.53773	1.53773	0.628688	1.12091	1.12091	0.000125804	0.209243	-4.77913		0.67623	1.10338	1.10338	0.00242667	2.68827	2.68827	0.0175262	1.96835	1.96835	0.0320214	1.92712	1.92712	16.2361	14.1007	0.772454	1
cg20357485	EGLB	0.000357485	0.336786	1.19159	1.19159	0.346455	1.07975	1.07975	0.0407707	0.745425	-1.39894	0.0485886	0.812853	-1.23052	0.0423837	0.71802	-1.39262		0.69656	1.01437	1.01437	0.0947047	1.03158	1.03158	0.0273321	1.10055	1.10055	0.156778	0.72344	1.03	0.0158889	2.1443	0.0195089	1
cg12305588	EGLB	0.000394188	0.000253853	2.85978	2.85978	0.0632076	1.43932	1.43932	0.362506	1.17719	1.17719	2.98E-05	4.15617	4.15617	0.135512	0.755472	1.32368		0.219337	1.25618	1.25618	0.0029581	1.48974	1.48974	0.000284583	2.80975	2.80975	0.370624	1.41686	1.41686	15.2617	7.3427	0.427663	1
cg16006501	EGLB	0.000945361	0.000652615	0.444213	-2.25177	0.00192998	0.218832	-4.56946	0.0614562	0.63764	-1.61907	0.0173757	0.515996	-1.93951	0.0060394	0.301526	-3.31647		0.00871615	0.465628	0.465628	-2.14766	0.000537104	0.252565	-3.95938	0.8908838	1.0319	1.0319	0.0118841	0.482767	-2.05057	0.56114	9.95804	0.736341	1
cg12619728	EGLB	0.000215106	0.000687745	0.476869	-2.09701	0.756364	1.22841	1.22841	0.0446961	0.64267	1.14091	0.0165652	1.804677	-1.65378	0.00275485	0.554224	-1.80424		0.1458	1.25055	1.25055	0.0472781	1.38304	1.38304	0.04065941	1.40157	1.40157	0.35425	0.8727	1.14587	9.4392	3.0514	0.287351	1
cg00278403	EGLB	0.000228489	0.043334	0.542276	-1.90799	0.0025802	3.19238	3.19238	0.481252	0.819616	-1.22008	0.51659	0.832988	-1.2005	0.0052049	0.358954	-2.78587		0.599993	0.863266	-1.15839	0.0021665	0.179981	-5.55614	0.71065	1.10909	1.10909	0.496675	0.8255	-1.21139	9.27939	11.3404	1.08696	1
cg00359087	EGLB	0.000291237	0.0887443	-1.37	-1.37	0.0660603	0.760755	0.760755	0.0213	0.680077	1.30031	0.0088247	2.09567	2.09567	0.0102566	0.477153	2.09567		0.224493	1.00535	1.00535	0.0042873	1.41705	1.41705	0.0171912	1.27614	1.27614	0.0226577	1.05352	1.05352	4.08273	4.70144	0.395824	1
cg07608094	EGLB	0.0030105	0.428369	0.840358	-1.18997	0.00284116	2.42011	2.42011	0.292346	0.790567	-1.26492	0.839484	0.957311	-1.04459	0.000209857	0.358955	-3.79499		0.0208133	0.549647	-1.81935	0.404851	1.19943	1.19943	0.832768	0.955534	-1.04653	0.113966	0.690807	-1.44758	8.54927	6.2654	0.651429	1
cg13722708	EGLB	0.0036345	0.515257	0.81114	-1.23283	0.00718278	5.1204	5.1204	0.911237	0.69501	1.03601	0.731092	1.09697	1.09697	0.0929805	0.273026	-3.66355		0.0539306	2.00451	2.00451	0.00349529	3.51444	3.51444	0.557678	1.20696	1.20696	0.03905	3.31588	3.31588	8.6703	12.8734	1.41686	1
cg17527814	EGLB	0.0053129	0.00167676	4.69823	4.69823	0.712847	0.857729	-1.16648	0.712059	0.858897	-1.167	0.0543308	2.48334	2.48334	0.00357083	0.193135	5.17773		0.170506	1.54413	1.54413	0.836844	0.406733	0.702179	-1.42414	0.007762	1.45466	0.145665	0.709786	1.6851	1.16851	7.20362	19.7993	2.44314	1
cg18699916	EGLB	0.00651729	0.0557779	1.65241	1.65241	0.0370445	1.75268	1.75268	0.108768	1.49985	1.49985	0.0198542	1.91874	1.91874	0.225567	1.34305	1.34305		0.0591138	1.63864	1.63864	0.00777558	0.452922	-2.20789	0.00131057	2.95078	2.95078	0.674346	0.906705	-1.1029	0.76379	5.75322	0.75608	1
cg05970434	EGLB	0.00662513	0.259133	1.18224	1.18224	0.0010855	1.56357	1.56357	0.0458187	1.12549	1.12549	0.0160759	1.1309	1.1309	0.0152313	1.1494	1.1494		0.000682731	0.313074	-3.19421	0.0229634	0.642147	-1.78175	0.0106061	2.04043	2.04043	0.00432	0.704558	1.08273	1.08273	1.28135	0.524231	1
cg08472222	EGLB	0.00807573	0.253384	0.754272	-1.32578	0.00211741	2.77717	2.77717	0.437462	0.829232	-1.20593	0.230616	1.34623	1.34623	0.00491523	0.414396	2.41315		0.510122

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14435603	EGR2	0.0122872	0.00675377	0.472966	-2.11432	0.295622	1.26018	1.26018	0.00408962	0.439767	-2.27393	0.70303	1.0851	1.0851	0.244698	0.77145	-1.29626	0.411053	0.835911	-1.1963	0.00144583	0.374715	-2.6687	0.321917	0.803975	-1.24382	0.494458	0.862486	-1.15944	5.53084	3.9825	0.640046	1
cg20744625	EGR2	0.0133505	0.569268	1.8203	1.8203	0.170881	4.56533	4.56533	0.137814	0.189355	-5.28108	0.421214	2.35295	2.35295	?	?	?	0.901487	0.87901	-1.13764	0.399657	2.45438	2.45438	0.000844398	186.191	186.191	0.00737471	36.4408	36.4408	5.48699	83.7704	15.2671	1
cg10601026	EGR2	0.0361493	0.065401	2.1424	2.1424	0.0195637	2.82744	2.82744	0.132861	1.81736	1.81736	0.0999348	1.94282	1.94282	0.844751	1.0749	1.0749	0.0345665	2.47914	2.47914	0.0071069	3.6006	3.6006	0.00857045	3.4397	3.4397	0.53476	1.26061	1.26061	3.82208	8.21558	1.91067	1
cg24734792	EGR2	0.0426525	0.024481	0.200721	-4.98205	0.327172	0.545485	-1.83323	0.117176	0.360688	-2.77248	0.0931911	0.330695	-3.02393	0.0102764	0.143993	-6.94477	0.926309	0.946079	-1.05699	0.0361087	0.232147	-4.30762	0.013571	0.16039	-6.23482	0.0326324	0.223542	-4.47343	3.59668	20.4512	5.05433	1
cg01332279	EGR2	0.0430508	0.394841	1.41549	1.41549	0.00500423	4.39676	4.39676	0.0456758	0.401094	-2.49318	0.596159	1.23769	1.23769	0.800758	1.10609	1.10609	0.248446	1.61776	1.61776	0.532824	0.777339	-1.28644	0.0336004	2.69035	2.69035	0.42106	0.720557	-1.38782	3.58428	9.02473	2.2381	1
cg22903908	EGR2;EGR2	0.0297602	0.648473	1.34188	1.34188	0.00870535	8.51579	8.51579	0.443249	1.65013	1.65013	0.13306	2.82448	2.82448	0.395676	0.572742	-1.74599	0.150594	2.68349	2.68349	0.122739	0.34251	-2.91963	0.00447336	11.3458	11.3458	0.144003	2.73379	2.73379	4.09849	26.6461	5.77907	1
cg19402405	EGR2;EGR2;EGR2;EGR2	0.0124443	0.452585	0.902062	-1.10857	0.103836	1.2707	1.2707	0.00902401	1.5638	1.5638	0.265083	0.855177	-1.16935	0.0268788	1.42348	1.42348	0.590606	0.92946	-1.07589	0.00432024	0.598183	-1.67173	0.431601	1.11418	1.11418	0.0603885	1.33011	1.33011	5.50805	1.58276	0.255425	1
cg15384821	EGR2;EGR2;EGR2;EGR2	0.0136063	0.933179	1.02479	1.02479	0.0179183	2.3163	2.3163	0.101404	1.68818	1.68818	0.000783556	0.227011	-4.40507	0.413683	0.7835	-1.27632	0.704678	0.894782	-1.11759	0.165085	1.54086	1.54086	0.52831	0.829834	-1.20506	0.9759	0.991219	-1.00886	5.34974	7.22253	1.20006	1
cg24711397	EGR2;EGR2;EGR2;EGR2	0.0137062	0.334334	0.834398	-1.19847	0.404014	1.16796	1.16796	0.845577	0.965166	-1.03609	0.00957914	1.81564	1.81564	0.00325201	0.482074	-2.07437	0.0425271	0.653985	-1.52909	0.0481736	0.663256	-1.50771	0.153812	1.32001	1.32001	0.56477	0.899574	-1.11164	5.33692	2.79446	0.46543	1
cg12476490	EGR2;EGR2;EGR2;EGR2	0.0145676	0.0479616	0.648901	-1.54107	0.165374	1.32715	1.32715	0.0474736	1.54294	1.54294	0.0380564	0.631307	-1.58402	0.379781	1.18809	1.18809	0.977576	1.00539	1.00539	0.013305	1.79803	1.79803	0.00624274	1.9774	1.9774	0.150296	1.34306	1.34306	5.23098	3.03134	0.515108	1
cg22212238	EGR2;EGR2;EGR2;EGR2	0.0155672	0.0798297	0.754937	-1.32461	0.000841048	2.06748	2.06748	0.433659	0.890882	-1.12248	0.548225	0.915882	-1.09184	0.448327	0.894267	-1.11823	0.810127	1.03542	1.03542	0.150099	0.800015	-1.24998	0.0806054	0.755598	-1.32346	0.166002	1.23817	1.23817	5.11739	1.69517	0.29445	1
cg22867608	EGR2;EGR2;EGR2;EGR2	0.0157965	0.280032	1.25882	1.25882	0.0106961	1.93018	1.93018	0.0413343	1.61988	1.61988	0.423603	1.18237	1.18237	0.863491	1.0359	1.0359	0.143933	1.37961	1.37961	0.000907372	2.76527	2.76527	0.0126399	1.88786	1.88786	0.696054	0.922682	-1.0838	5.09261	3.38862	0.591466	1
cg00636809	EGR2;EGR2;EGR2;EGR2	0.0213612	0.0181272	0.734278	-1.36188	0.0163821	1.37135	1.37135	0.20958	0.867327	-1.15297	0.633974	0.949681	-1.05299	0.293138	0.889246	-1.12455	0.376763	1.10255	1.10255	0.00564962	0.676459	-1.47829	0.0625981	0.798084	-1.253	0.531609	0.934072	-1.07058	4.60014	0.844043	0.163095	1
cg24868421	EGR2;EGR2;EGR2;EGR2	0.0226773	0.237661	0.815313	-1.22652	0.0364843	1.49368	1.49368	0.0272394	1.5393	1.5393	?	?	?	0.239095	0.815868	-1.22569	0.632502	0.923555	-1.08277	0.00859836	0.575131	-1.73873	0.121054	1.31981	1.31981	0.316417	1.18645	1.18645	4.58681	1.75932	0.383561	1
cg20018723	EGR2;EGR2;EGR2;EGR2	0.0245036	0.583411	0.850038	-1.17642	0.131122	1.61314	1.61314	0.161562	1.55045	1.55045	0.675938	0.883974	-1.13125	0.0330278	0.481285	-2.07777	0.00299271	0.302862	-3.30183	0.0238474	0.453368	-2.20571	0.342265	0.750472	-1.33249	0.181444	0.65957	-1.51614	4.3877	5.98047	1.21156	1
cg19355190	EGR2;EGR2;EGR2;EGR2;EGR2	0.0491382	0.0367149	0.613988	-1.6287	0.304116	1.23851	1.23851	0.418303	0.846853	-1.18084	0.17834	0.7502	-1.33298	0.794152	0.948801	-1.05396	0.837542	1.04213	1.04213	0.0066169	0.492374	-2.03098	0.314153	1.23271	1.23271	0.0863371	1.46348	1.46348	3.41057	2.18201	0.568691	1
cg07964178	EGR3	0.000806956	0.00907731	0.637361	-1.56897	0.0103463	1.55083	1.55083	4.33E-05	2.87133	2.87133	0.00364564	1.7062	1.7062	0.00999188	1.55563	1.55563	0.116369	1.26087	1.26087	0.255305	1.17508	1.17508	0.883192	1.02017	1.02017	0.0344336	1.39811	1.39811	12.5016	3.6541	0.259814	1
cg10063961	EGR3	0.00195653	0.0435494	1.47535	1.47535	0.636354	1.08308	1.08308	0.618594	1.08774	1.08774	0.831873	0.965002	-1.03627	0.0316193	0.655558	-1.52542	0.0435382	0.677786	-1.47539	8.64E-05	0.307055	-3.25674	0.373596	1.16538	1.16538	0.0242751	1.56828	1.56828	9.7038	4.31536	0.395296	1
cg06412523	EGR3	0.0183954	0.486339	0.855255	-1.16924	0.000252042	3.79631	3.79631	0.576364	1.13289	1.13289	0.485182	0.854889	-1.16974	0.613075	1.11932	1.11932	0.338189	1.24389	1.24389	0.984925	0.995832	-1.00419	0.423219	1.19819	1.19819	0.271546	1.2879	1.2879	4.83959	3.74524	0.687889	1
cg10369796	EGR3	0.0307877	0.199483	0.891417	-1.12181	0.798761	0.97857	-1.0219	0.239404	1.11012	1.11012	0.286944	0.910504	-1.09829	0.205851	0.89301	-1.11981	0.378779	0.926291	-1.07957	0.00312893	0.709938	-1.40857	0.854264	0.98453	-1.01571	0.0163667	1.28252	1.28252	4.04933	0.461102	0.101219	1
cg03127416	EGR3	0.036206	0.0561503	3.27886	3.27886	0.244406	1.95142	1.95142	0.00649376	6.97432	6.97432	0.692612	1.24375	1.24375	0.0925725	2.76261	2.76261	0.627793	1.30764	1.30764	0.00515236	7.5995	7.5995	0.0211259	4.58253	4.58253	0.119086	2.53116	2.53116	3.81991	18.2343	4.24311	1
cg07082452	EGR3	0.0469503	0.0224102	3.32426	3.32426	0.171776	1.8942	1.8942	0.0728112	2.40804	2.40804	0.70659	1.18065	1.18065	0.519899	1.33168	1.33168	0.605552	1.25704	1.25704	0.00347512	5.70685	5.70685	0.0161845	3.63914	3.63914	0.209877	1.78655	1.78655	3.4698	10.5964	2.71458	1
cg23513784	EGR3;EGR3	0.0299637	0.389352	0.73802	-1.35498	?	?	?	0.164573	1.67173	1.67173	0.121096	0.557665	-1.79319	0.527666	1.24606	1.24606	0.336988	1.40666	1.40666	0.568652	1.21895	1.21895	?	?	?	0.00236087	0.214985	-4.6515	4.65681	6.61022	1.41947	1
cg05666120	EGR4	5.74E-05	0.245527	0.731939	-1.36623	0.383069	0.794688	-1.25836	0.0312627	1.9141	1.9141	0.133442	0.659756	-1.51571	0.00766436	0.414569	-2.41215	0.0891411	0.617768	-1.61873	0.00111419	0.291182	-3.43428	1.61E-06	22.2259	22.2259	0.878233	1.04018	1.04018	25.6648	26.8299	0.929243	1
cg02287817	EGR4	0.0188618	0.0531276	0.302232	-3.30872	0.0406738	3.62149	3.62149	0.850897	0.902605	-1.1079	0.112266	0.390018	-2.56398	0.0688554	0.32997	-3.03058	0.0478643	0.291757	-3.42751	0.00365019	0.11753	-8.50845	0.0809302	0.348602	-2.8686	0.0341412	0.260231	-3.84274	4.79888	22.5367	4.17443	1
cg21111868	EGR4	0.023479	0.378712	0.812054	-1.23144	0.00521607	2.33884	2.33884	0.593932	0.883335	-1.13207	0.0138062	0.49581	-2.0169	0.740571	1.07961	1.07961	0.257093	0.761355	-1.31345	0.563345	0.873995	-1.14417	0.0557066	1.64833	1.64833	0.0872006	1.54549	1.54549	4.45307	3.74783	0.748114	1
cg22587602	EGR4;EGR4	0.000353053	0.171221	1.29002	1.29002	0.0205399	1.6287	1.6287	0.00822447	0.553822	-1.80564	0.00655852	0.539434	-1.85379	0.00470792	0.51866	-1.92805	0.0152255	0.593916	-1.68374	0.0870461	1.39139	1.39139	0.000877259	2.39182	2.39182	0.000285687	2.81649	2.81649	15.7317	7.61277	0.430146	1
cg24935135	EHBP1	0.00153314	0.0092239	0.428679	-2.33275	0.0093586	0.429725	-2.32707	0.891185	0.965528	-1.0357	0.729662	1.09298	1.09298	5.49E-05	0.145905	-6.85378	0.0297286	0.519075	-1.9265	0.57877	1.15457	1.15457	0.203148	1.41099	1.41099	0.0128457	0.452999	-2.20751	10.4138	10.8334	0.9247	1
cg00883311	EHBP1;EHBP1;EHBP1	0.00228164	0.181663	0.784918	-1.27402	0.0423864	1.49076	1.49076	9.29E-05	0.303878	-3.2908	0.293031	0.830007	-1.20481	0.0263692	0.637745	-1.56802	0.0583716	1.44101	1.44101	0.509576	1.12105	1.12105	0.125796	1.32705	1.32705	0.830596	1.03727	1.03727	9.27776	4.28702	0.410733	1
cg22162225	EHBP1;EHBP1;EHBP1;EHBP1	0.000604543	0.470494	1.05906	1.05906	0.00136692	1.46992	1.46992	0.96212	0.996305	-1.00371	0.00103808	0.667542	-1.49803	0.0318398	0.817836	-1.22274	0.00793133	0.758595	-1.31823	0.019941	0.797991	-1.25315	0.0673633	1.17663	1.17663	0.000292233	1.64827	1.64827	16.7668	1.57956	0.0732728	1
cg06808305	EHBP1;EHBP1;EHBP1;EHBP1	0.0188655	0.044499	0.424228	-2.35722	0.000624708	0.141544	-7.06493	0.0528244	0.441353	-2.26576	0.505617	0.778016	-1.28532	0.047955	0.431614	-2.31689	0.178347	0.587775	-1.70133	0.199558	0.604313	-1.65477	0.0141095	0.324398	-3.08263	0.545482	0.796627	-1.25529	4.79856	10.4954	1.94417	1
cg10906669	EHBP1;EHBP1;EHBP1;EHBP1	0.0442582	0.00217062	0.161863	-6.17806	0.90475	0.950596	-1.05197	0.131266	0.501781	-1.9929	0.77904	0.887765	-1.12642	0.584141	0.791407	-1.26357	0.543342	0.770766	-1.29741	0.0983116	0.464231	-2.1541	0.0211776	0.309467	-3.23136	0.0387317	0.36309	-2.75414	3.54751	10.0646	2.52185	1
cg05696684	EHBP1;EHBP1;EHBP1;EHBP1	0.047136	0.0404848	0.256522	-3.89831	0.587201	0.729648	-1.37052	0.375073	0.592458	-1.68788	0.659976	0.775251	-1.28991	0.00874738	0.146542	-6.82398	0.260063	0.5089	-1.96502	0.00747666	0.138052	-7.24366	0.631018	0.757102	-1.32083	0.0177007	0.190384	-5.25255	3.46464	18.1421	4.65455	1
cg13810628	EHBP1;EHBP1;EHBP1;EHBP1	0.0473329	0.592497	0.914861	-1.09306	0.15444	0.777979	-1.28538	0.0670667	0.713153	-1.40222	0.254762	1.21634	1.21634	0.141789	1.29716	1.29716	0.403208	1.1513	1.1513	0.872324	1.02684	1.02684	0.0476059	1.45229	1.45229	0.00856594	1.73736	1.73736	3.4592	1.48619	0.381898	1
cg23861541	EHBP1;EHBP1;EHBP1;EHBP1;EHBP1	0.0267313	0.0321295	0.302963	-3.30074	0.368581	0.644448	-1.55171	0.63224	0.795016	-1.25784	0.337961	0.625035	-1.59991	0.0186395	0.257478	-3.88383	0.159341	0.488945	-2.04522	0.00229077	0.131557	-7.60127	0.00765429	0.195746	-5.10865	0.100621	0.425023	-2.35281	4.25657	15.2587	3.18644	1
cg18757468	EHBP1L1	0.0012075	0.0309823	2.53362	2.53362	0.000100462	12.5713	12.5713	0.00131617	5.56172	5.56172	0.0368185	2.43559	2.43559	0.855961	1.06897	1.06897	0.120476	1.85558	1.85558	0.0347786	2.4675	2.4675	0.000356819	8.19373	8.19373	0.00880311	3.40217	3.40217	11.1519	23.797	1.89679	1
cg12017745	EHBP1L1	0.00738861	0.106407	2.38091	2.38091	0.00660165	5.67025	5.67025	0.20228	1.93942	1.93942	0.00633636	5.74753	5.74753	0.878471	1.07819	1.07819	0.334204	1.63239	1.63239	0.369103	1.57438	1.57438	0.00030613	17.9011	17.9011	0.0229753	3.81242	3.81242	6.50441	24.9386	3.4081	1
cg16749093	EHBP1L1	0.00959088	0.00704251	5.55042	5.55042	0.00673999	5.63109	5.63109	0.0238977	3.766	3.766	0.0392353	3.23401	3.23401	0.00512028	6.16935	6.16935	0.0495389	3.01159	3.01159	0.00257329	7.81677	7.81677	0.0231495	3.80323	3.80323	0.0300821	3.50825	3.50825	5.98999	22.9636	3.4077	1
cg10006762	EHBP1L1	0.0120329	0.00607103	0.355311	-2.81444	0.0241765	2.17332	2.17332	0.0120968	2.46823	2.46823	0.0528049	1.88833	1.88833	0.849954	0.946775	-1.05622	0.348241	1.32168	1.32168	0.0269043	0.469119	-2.13166	0.777583	0.92147	-1.08522	0.887453	0.959928	-1.04174	5.56855	7.35563	1.17415	1
cg26667091	EHBP1L1	0.0148587	0.0619828	3.21414	3.21414	0.00163452	12.2613	12.2613	0.024444	4.43465	4.43465	0.049671	3.46942	3.46942	0.9618	0.973743	-1.02697	0.369635	1.66841	1.66841	0.0488486	3.48946	3.48946	0.00313429	9.42988	9.42988	0.0641854	3.17558	3.17558	5.19694	25.404	4.34512	1
cg22913843	EHBP1L1	0.0375982	0.187062	1.62501	1.62501	0.00813679	3.24185	3.24185	0.190467	1.61826	1.61826	0.0448428	2.22433	2.22433	0.0826617	1.94897	1.94897	0.0127164	2.92995	2.92995	0.0113824	3.00376	3.00376	0.0453715	2.21872	2.21872	0.0869893	1.92745	1.92745	3.76775	7.19295	1.69697	1
cg13239646	EHBP1L1	0.0422355	0.113221	0.556731	-1.7962	0.00520373	0.285682	-3.50039	0.668518	0.863851	-1.15761	0.672077	0.865311	-1.15565	0.0390144	0.444072	-2.25189	0.120707	1.7715	1.7715	0.095077	1.86488	1.86488	0.824735	0.927408	-1.07827	0.405764	0.749013	-1.33509	3.60983	6.6002	1.62524	1
cg23926688	EHD1	0.000912837	0.000384145	0.363997	-2.74728	0.0118616	1.75099	1.75099	0.0160813	1.69101	1.69101	0.00618749	0.529041	-1.89021	0.32209	0.833256	-1.20011	0.00148952	0.441768	-2.26363	0.110812	1.3632	1.3632	0.0919147	0.718286	-1.3922	0.119995	1.35094	1.35094	12.0743	6.08161	0.447718	1
cg01151584	EHD1	0.00525738	0.816325	1.0353	1.0353	0.00258368	1.86394	1.86394	0.0429796	0.706638	-1.41515	0.487421	0.900156	-1.11092	0.582746	1.08624	1.08624	0.168096	0.803315	-1.24484	0.00388324	1.78565	1.78565	0.00875557	1.6452	1.6452	0.0589798	0.727651	-1.37429	7.22683	2.5442	0.312932	1
cg17578903	EHD1	0.0059898	0.00362811	0.725444	-1.37847	0.269128	1.09839	1.09839	0.194178	1.11852	1.11852	0.172738	0.888406	-1.12561	0.489934	0.944415	-1.05886	0.0607917	0.841677	-1.1881	0.147048	0.880827	-1.1353	0.529821	1.05327	1.05327	0.000935554	1.49585	1.49585	6.9428	0.73118	0.0936131	1
cg00212979	EHD1	0.0338433	0.0144635	0.124308	-8.04452	0.291867	0.469226	-2.13117	0.293693	0.470668	-2.12464	0.265105	0.447737	-2.23345	0.00481768	0.0751982	-13.2982	0.081211	0.26251	-3.80938	0.00868864	0.0988779	-10.1135	0.170974	0.364722	-2.74181	0.0256259	0.159705	-6.26153	3.91435	29.6765	6.73907	1
cg09320690	EHD2	3.12E-05	2.48E-05	0.143368	-6.97504	0.000248253	0.246174	-4.06216	0.00209225	0.366667	-2.72727	0.0146813	0.4985	-2.00602	5.62E-05	0.176463	-5.66692	6.42E-06	0.0971591	-10.2924	0.000124137	0.212131	-4.71407	4.92E-05	0.17075	-5.85653	0.000734935	0.304587	-3.28314	30.1334	25.6309	0.75607	1
cg19925124	EHD2	0.0007306	0.0755799	0.849808	-1.17674	0.581138	0.955186	-1.04692	0.980502	0.997991	-1.00201	0.0102567	0.766273	-1.30502	0.00112922	0.674172	-1.4833	0.470895	1.06221	1.06221	4.47E-05	1.88855	1.88855	0.654353	0.9636	-1.03777	0.636196	0.961555	-1.03998	12.8558	1.3783	0.0953002	1
cg09377572	EHD2	0.00103583	0.00349614	0.325912	-3.06831	0.79335	0.928404	-1.07712	0.0240528	0.466968	-2.14148	0.0273797	0.477822	-2.09283	0.000124948	0.150847	-6.62922	0.0269773	0.476571	-2.09832	0.000179273	0.166087	-6.02093	0.303954	1.35157	1.35157	0.113253	0.614035	-1.62857	11.6496	14.7731	1.12722	1
cg22359581	EHD2	0.00104457	0.00266157	2.64576	2.64576	0.000214692	4.24985	4.24985	0.00546541	2.35278	2.35278	0.0319736	1.80116	1.80116	0.00164126	2.8739	2.8739	0.00797138	2.21753	2.21753	0.000394037	3.75034	3.75034	0.0130747	2.05608	2.05608	0.00260572	2.6552	2.6552	11.6218	10.0916	0.771848	1
cg01559302	EHD2	0.00423631	0.50307	0.851634	-1.17421	0.000874765	3.2526	3.2526	0.509569	1.17127	1.17127	0.97516	1.00738	1.00738	0.0503613	0.59031	-1.69403	0.00537946	0.42062	-2.37744	0.0157197	0.496815	-2.01282	0.799466	0.941619	-1.062	0.0374966	1.76899	1.76899	7.71759	6.82548	0.786138	1
cg08568549	EHD2	0.00558787	0.0628283	0.546787	-1.82887	0.24324	1.42215	1.42215	0.031621	0.48346	-2.06842	0.0307964	0.481167	-2.07828	0.00101616	0.245208	-4.07816	0.0120858	0.405566	-2.46569	0.00108283	0.248721	-4.02057	0.0929852	0.586822	-1.7041	0.173355	0.658477	-1.51866	7.09294	9.34436	1.17104	1
cg14043593	EHD2	0.00579289	0.0539173	0.75637	-1.3221	0.00335534	0.600944	-1.66405	0.798995	0.967964	-1.0331	0.0654147	0.768057	-1.30199	0.000353869	0.48089	-2.07948	0.00784591	0.647041	-1.5455	0.39617	1.11725	1.11725	0.146361	0.819588	-1.22013	0.117431	0.804938	-1.24233	7.01473	1.80896	0.229227	1
cg24865623	EHD2	0.00699439	0.101086	2.1966	2.1966	0.000772792	9.30517	9.30517	0.0491676	2.67544	2.67544	0.284416	1.62798	1.62798	0.655055	0.821132	-1.21783	0.00868107	4.33165	4.33165	0.00235885	6.4185	6.4185	0.0107559	4.07345	4.07345	0.468329	1.38179	1.38179	6.61677	20.1284	2.70403	1
cg12489353	EHD2	0.00948158	0.0271764	0.650722	-1.53675	0.843457	0.968031	-1.03303	0.0232721	0.640402	-1.56152	0.456624	1.13268	1.13268	0.046775	0.687903	-1.45369	0.0403042	0.677527	-1.47596	0.00104538	0.450538	-2.21957	0.14609	1.2923	1.2923	0.0230635	0.639807	-1.56297	6.01191	2.57146	0.380202	1
cg10257729	EHD2	0.014178	0.0143111	4.11336	4.11336	0.00446375	5.90472	5.90472	0.0669416	2.61595	2.61595	0.274631	0.587289	-1.70274	0.0169654	3.90936	3.90936	0.19225	0.523991	-1.90843	0.396057	0.665671	-1.50224	0.303721	1.64672	1.64672	0.151638	0.487089	-2.05301	5.27792	18.3273	3.08662	1
cg13953735	EHD2	0.0164645	0.464996	1.26349	1.26349	0.0148419	2.56664	2.56664	0.00846038	2.87875	2.87875	0.505991	1.23645	1.23645	0.216616	1.50519	1.50519	0.854604	1.05939	1.05939	0.00389019	3.39626	3.39626	0.00775914	2.93102	2.93102	0.0113668	2.70914	2.70914	5.02289	7.86914	1.39258	1
cg18593362	EHD2	0.0228075	0.00659277	0.284581	-3.51394	0.783128	0.906382	-1.10329	0.00681793	0.286869	-3.48592	0.221321	1.58091	1.58091	0.00964886	0.311323	-3.2121	0.663856	1.16857	1.16857	0.411622	1.34862	1.34862	0.927401	0.968055	-1.033	0.587483	0.822724	-1.21547	4.49786	9.0411	1.78675	1
cg10170949	EHD2	0.0235357	0.572795	1.09957	1.09957	0.0160978	1.63325	1.63325	0.500494	0.89234	-1.12065	0.300715	1.19557	1.19557	0.00745568	0.563307	-1.77523	0.0232594	1.57109	1.57109	0.198587	1.25395	1.25395	0.13418	0.764108	-1.30872	0.940329	0.987607	-1.01255	4.44936	1.95519	0.390606	1
cg17821231	EHD2	0.0358512	0.0201578	1.88904	1.88904	0.00869999	2.13588	2.13588	0.00811186	2.15838	2.15838	0.64537	0.900164	-1.11091	0.220808	0.746654	-1.33931	0.24217	1.32027	1.32027	0.224134	1.33623	1.33623	0.904946	1.02749	1.02749	0.583203	1.13403	1.13403	3.8336	3.12787	0.725254	1
cg12603043	EHD2	0.0410783	0.227768	0.72893	-1.37187	0.058581	0.586491	-1.70505	0.0294397	0.527054	-1.89734	0.209321	0.718592	-1.39161	0.091444	0.628658	-1.59069	0.0769612	0.611924	-1.63419	0.00951162	0.44028	-2.27128	0.0158105	0.4779	-2.09249	0.0124367	0.459868	-2.17454	3.64717	3.60243	0.877985	1
cg11957382	EHD3	0.00399447	0.00217565	0.181112	-5.52146	0.98166	0.990909	-1.00917	0.0609548	2.31418	2.31418	0.343196	1.47395	1.47395	0.689433	0.852494	-1.17303	0.0662114	0.441044	-2.26735	0.00187491	0.173437	-5.76579	0.838972	1.08419	1.08419	0.0015841	0.165024	-6.05974	7.85577	19.6373	2.22198	1
cg18444347	EHD3	0.0125019	0.222057	1.54836	1.54836	0.968297	0.986552	-1.01363	0.342401	1.39549	1.39549	0.696245	1.143	1.143	0.0143503	0.357601	-2.79641	0.00267786	0.243146	-4.11276	0.00511017	0.283541	-3.52683	0.327652	1.4109	1.4109	0.155876	0.59617	-1.67737	5.49976	10.109	1.63385	1
cg14613979	EHD3	0.0215308	0.0266705	0.306831	-3.25913	0.295476	0.613827	-1.62912	0.823937	1.10544	1.10544	0.422215	0.691564	-1.446	0.0029797	0.159926	-6.25289	0.098007	0.441977	-2.26256	0.00240108	0.149185	-6.7031	0.479328	0.723611	-1.38196	0.0655732	0.394695	-2.5336	4.58771	14.7037	2.8489	1
cg13149833	EHD3	0.0299465	0.325064	0.833128	-1.2003	0.761245	0.946722	-1.05628	0.00453274	0.506908	-1.97274	0.072316	0.697459	-1.43378	0.00239771	0.467664	-2.13829	0.488755	0.881306	-1.13468	0.8656	0.970025	-1.0309	0.681169	1.07704	1.07704	0.0924578	0.717003	-1.39469	4.08942	2.09043	0.454382	1
cg24743639	EHD3;EHD3	3.87E-05	?	?	?	0.781434	1.08615	1.08615	0.199072	0.668195	-1.49657	0.0103321	0.382916	-2.61154	?	?	?	2.08E-06	0.0311458	-32.107	0.00824063	0.3664	-2.72926	4.47E-05	0.100657	-9.93475	0.00133351	0.250078	-3.99875	30.1683	32.806	1.24278	1
cg13795465	EHD3;EHD3	4.69E-05	?	?	?	0.919925	0.974298	-1.02638	0.63449	0.883084	-1.1324	1.46E-05	0.0425809	-23.4847	?	?	?	?	?	?	?	?	?	?	?	?	3.84E-05	0.0693715	-14.4151	64.1571	28.833	0.674118	1
cg12655112	EHD4	7.42E-06	9.37E-05	0.423492	-2.36132	0.000608781	0.521224	-1.91856	4.11E-06	0.26799	-3.73148	6.08E-06	0.286485	-3.49058	9.27E-05	0.422951	-2.36434	0.0693258	0.778303	-1.28485	0.00196615	0.582954	-1.7154	0.0013907	0.564688	-1.77089	7.58E-07	0.1934	-5.17062	43.8324	10.5629	0.214207	1
cg07202353	EHD4	0.000584246	0.0024595	0.458096	-2.18295	0.129705	0.738298	-1.35447	0.343663	0.834599	-1.19818	0.473242	1.14477	1.14477	0.357233	1.19183	1.19183	0.000278655	3.01033	3.01033	0.106691	0.721467	-1.38607	0.000140562	3.38082	3.38082	0.136495	1.34626	1.34626	13.685	7.44569	0.483623	1
cg13812377	EHD4	0.00219689	0.210717	1.68091	1.68091	0.456062	1.34843	1.34843	0.79312	0.901673	-1.10905	0.112191	0.506069	-1.97601	4.03E-05	0.0456047	-21.9276	0.582247	1.24457	1.24457	0.0111314	0.285587	-3.50157	0.90477	1.04826	1.04826	0.94687	0.974098	-1.02659	9.38117	23.0407	2.18316	1
cg24007300	EHD4	0.00224606	0.00010596	0.580132	-1.72375	0.00153871	0.695921	-1.43694	0.312307	0.920211	-1.08671	0.127067	1.14029	1.14029	0.592077	0.957882	-1.04397	0.138811	1.13515	1.13515	0.241247	0.907017	-1.10252	0.443073	1.06419	1.06419	0.813917	1.01894	1.01894	9.32059	0.934302	0.0891028	1
cg23121787	EHD4	0.00320617	0.730107	1.09294	1.09294	0.00250178	2.93812	2.93812	0.135077	1.51196	1.51196	0.132457	1.51685	1.51685	0.0181958	0.479118	-2.08717	0.00638279	2.48647	2.48647	0.0115486	0.444607	-2.24918	0.00430387	2.66361	2.66361	0.919255	0.974314	-1.02636	8.39063	8.75183	0.927153	1
cg13879937	EHD4	0.00670068	0.000247435	0.14718	-6.79439	0.845653	0.940155	-1.06365	0.0485617	0.489959	-2.04099	0.291936	0.707348	-1.41373	0.479138	0.796281	-1.25584	0.544369	0.823429	-1.21443	0.00787566	0.339776	-2.94311	0.218237	1.50693	1.50693	0.0202294	0.412046	-2.42692	6.70574	10.6477	1.41141	1
cg04489066	EHD4	0.0123964	0.0213247	1.44074	1.44074	0.0318751	1.39363	1.39363	0.379012	0.887711	-1.12649	0.00979389	1.53879	1.53879	0.0125508	1.50643	1.50643	0.0240486	1.42643	1.42643	0.00272588	1.72656	1.72656	0.317089	1.14624	1.14624	0.0337879	1.38696	1.38696	5.51496	1.52129	0.245198	1
cg02150021	EHD4	0.0182761	0.480745	0.876781	-1.14054	0.0136582	0.571423	-1.75002	0.421858	0.86025	-1.16245	0.345297	1.19522	1.19522	0.0459934	0.657326	-1.52132	0.858831	1.0332	1.0332	0.0025116	2.15975	2.15975	0.976932	1.00532	1.00532	0.13508	1.34386	1.34386	4.85022	2.58566	0.473869	1
cg01382649	EHD4	0.0324068	0.198475	0.612018	-1.63394	0.0309719	0.400463	-2.49711	0.111505	0.534574	-1.87065	0.0049959	0.261246	-3.82781	0.055207	0.455982	-2.19307	0.367121	1.39757	1.39757	0.0138666	0.333353	-2.99982	0.795797	1.09823	1.09823	0.116068	0.53952	-1.8535	3.97585	8.21977	1.83771	1
cg19375854	EHD4	0.0407644	0.297724	0.720608	-1.38772	0.241666	0.689362	-1.45062	0.0656119	0.534111	-1.87227	0.141897	0.619198	-1.61499	0.00606445	0.336965	-2.96767	0.0148789	0.402848	-2.48233	0.0141699	0.399042	-2.506	0.559438	1.1962	1.1962	0.716787	0.895317	-1.11692	3.65752	5.33686	1.29702	1
cg13075295	EHD4	0.0429613	0.679896	0.903083	-1.10732	0.43855	1.21426	1.21426	0.0498229	0.577123	-1.73273	0.325441	0.779208	-1.28335	0.0282411	0.529142	-1.88985	0.46775	1.19906	1.19906	0.621323	0.884846	-1.13014	0.00808173	2.30124	2.30124	0.178527	0.703852	-1.42075	3.58705	3.42963	0.849879	1
cg22451412	EHD4	0.0454881	0.369644	0.791372	-1.26363	0.606769	1.14094	1.14094	0.20377	0.711309	-1.40586	0.0242417	0.505505	-1.97822	0.440568	0.818941	-1.22109	0.120694	1.53331	1.53331	0.0136298	2.17058	2.17058	0.592069	1.14725	1.14725	0.0816622	0.612593	-1.6324	3.5113	3.58676	0.90799	1
cg22121565	EHF	0.00115989	0.0755632	0.6885	-1.45243	0.0201322	0.589248	-1.69708	0.0129302	0.558681	-1.78993	0.0306162	0.619237	-1.61489	2.45E-05	0.205115	-4.87532	0.889044	0.974006	-1.02669	0.0603652	1.49128	1.49128	0.88952	0.974116	-1.02657	0.313002	0.821268	-1.21763	11.2806	6.36037	0.501183	1
cg13084525	EHF	0.00188048	0.00897306	0.521347	-1.91811	0.216543	1.2903	1.2903	0.00435005	0.473884	-2.11022	0.000378035	0.328433	-3.04476	0.00209819	0.428207	-2.33532	0.0073617	0.508146	-1.96794	0.612421	1.10532	1.10532	0.722588	0.93252	-1.07236	0.0061128	0.495906	-2.01651	9.81634	5.97255	0.540826	1
cg14022090	EHF	0.0118374	0.97741	1.00698	1.00698	0.0311371	0.537357	-1.86096	0.000232442	0.22322	-4.47989	0.860136	1.04426	1.04426	0.943089	0.982623	-1.01768	0.390223	1.24132	1.24132	0.759024	0.927235	-1.07848	0.0836705	0.624969	-1.60008	0.46061	0.831567	-1.20255	5.5982	5.34517	0.848713	1
cg11715147	EHF	0.0126185	0.399024	0.799327	-1.25105	0.910924	1.02946	1.02946	0.00199031	0.322197	-3.10369	0.38782	1.25812	1.25812	0.0580254	1.74339	1.74339	0.980465	0.993668	-1.00637	0.00411248	2.71417	2.71417	0.935477	1.02123	1.02123	0.212742	0.711453	-1.40557	5.48316	5.8442	0.947417	1
cg11935638	EHHADH;EHHADH	8.14E-06	5.10E-06	0.165229	-6.05221	1.60E-05	0.213289	-4.68847	0.000139064	0.31904	-3.13441	0.525002	0.894223	-1.11829	1.70E-06	0.124781	-8.01402	1.06E-05	0.195315	-5.11992	0.00969474	0.566674	-1.76468	0.0510237	0.679948	-1.4707	8.21E-05	0.291771	-3.42735	42.7935	20.4166	0.424085	1
cg08095700	EHHADH;EHHADH	0.000226741	0.000167247	0.255811	-3.90914	0.000984103	0.352718	-2.83512	0.00127964	0.36825	-2.71554	0.10178	0.683154	-1.4638	2.81E-05	0.173292	-5.77061	0.000470292	0.310649	-3.21907	0.0101168	0.501472	-1.99413	0.0797988	0.661295	-1.51218	0.000379463	0.29887	-3.34594	17.7557	12.7255	0.637064	1
cg23361969	EHHADH;EHHADH	0.0036677	0.00107272	0.137865	-7.25345	0.0110507	0.270621	-3.6952	0.0378206	0.372425	-2.6851	0.124577	0.505645	-1.97767	0.000679523	0.118882	-8.41167	0.0414936	0.381328	-2.62241	0.106474	0.485351	-2.06036	0.0182958	0.308997	-3.23627	0.00128246	0.145845	-6.85659	8.05998	21.469	2.36769	1
cg11755245	EHHADH;EHHADH	0.0148381	0.996789	0.999062	-1.00094	0.0248994	0.536491	-1.86397	0.0108072	0.473857	-2.11034	0.612457	0.887661	-1.12656	0.000579148	0.288879	-3.46166	0.972472	0.991983	-1.00808	0.0419935	0.578878	-1.72748	0.256646	0.758666	-1.3181	0.146117	0.694916	-1.43902	5.19931	4.48101	0.766086	1
cg10550308	EHHADH;EHHADH	0.0268378	0.104576	0.320039	-3.12462	0.00526434	0.0941384	-10.6227	0.013942	0.142215	-7.0316	0.554784	1.46764	1.46764	0.211537	0.42945	-2.32856	0.0176212	0.156546	-6.38789	0.0247672	0.179704	-5.5647	0.637106	1.35685	1.35685	0.12219	0.341026	-2.93233	4.25064	27.7645	5.80609	1
cg11806102	EHHADH;EHHADH	0.04018	0.0138006	0.401452	-2.49096	0.00562916	0.336313	-2.97342	0.0185787	0.424939	-2.35328	0.353907	0.751258	-1.3311	0.0386877	0.487734	-2.0503	0.08189	0.560963	-1.78265	0.0742173	0.550714	-1.81582	0.0931002	0.574669	-1.74013	0.188738	0.658655	-1.51825	3.67705	5.23645	1.26586	1
cg01535980	EHMT1	0.00013517	0.000128497	0.27591	-3.62436	0.0898575	0.696547	-1.43565	0.000312679	0.322885	-3.09708	1.36E-05	0.172097	-5.81069	0.0889091	0.69565	-1.4375	0.000148292	0.283272	-3.53017	0.000620599	0.361092	-2.76937	0.0211024	0.584833	-1.70989	0.00294913	0.454056	-2.20237	20.4214	12.0991	0.526642	1
cg16391101	EHMT1	0.000589984	0.269027	0.778391	-1.2847	0.00410275	2.31179	2.31179	0.653214	1.10344	1.10344	0.350467	1.23263	1.23263	0.134965	0.704189	-1.42007	0.193688	0.741334	-1.34892	1.79E-05	0.148502	-6.73391	0.580993	0.885747	-1.12899	0.00631254	0.461129	-2.16859	13.6478	10.2379	0.666802	1
cg03523203	EHMT1	0.00263545	0.00630348	1.33783	1.33783	0.644019	0.962649	-1.0388	0.0188368	1.26208	1.26208	0.629154	0.960974	-1.04061	0.0322493	0.814528	-1.22771	0.00124665	1.4708	1.4708	0.00210533	1.42447	1.42447	0.0128854	1.28737	1.28737	0.374202	0.928096	-1.07747	8.89269	0.942562	0.0942159	1
cg14181908	EHMT1	0.00527015	0.819146	1.03326	1.03326	0.0166091	0.658426	-1.51877	0.878071	1.02217	1.02217	0.154684	1.24311	1.24311	0.723368	1.05208	1.05208	0.0340764	1.42383	1.42383	0.000647491	2.11164	2.11164	0.00252614	1.82028	1.82028	0.862202	1.02513	1.02513	7.22147	2.33433	0.287332	1
cg15150472	EHMT1	0.00890587	0.061796	0.782713	-1.27761	0.00209156	1.65576	1.65576	0.590098	1.06539	1.06539	0.305888	0.883846	-1.13142	0.387823	1.10859	1.10859	0.0124808	1.43623	1.43623	0.00563117	1.52688	1.52688	0.267418	0.8741	-1.14403	0.577262	0.936522	-1.06778	6.13279	1.31757	0.190969	1
cg13435679	EHMT1	0.0217784	0.0782339	0.598496	-1.67085	0.130706	1.53452	1.53452	0.0358708	0.52699	-1.89757	0.135596	0.655717	-1.52505	0.0020139	0.318779	-3.13697	0.019714	0.4776	-2.0938	0.232398	0.719939	-1.38901	0.60172	0.870951	-1.14817	0.07191	0.590289	-1.69408	4.56978	4.98253	0.969176	1
cg14168941	EHMT1	0.0218562	0.931918	0.988966	-1.01116	0.0189035	1.44654	1.44654	0.809752	0.969166	-1.03181	0.0503018	1.33609	1.33609	0.463261	1.1018	1.1018	0.0314508	1.38772	1.38772	0.00230644	1.73841	1.73841	0.391273	0.892203	-1.12082	0.23977	0.852278	-1.17333	4.56419	1.21888	0.23738	1
cg17942750	EHMT1	0.0221314	0.69644	0.94213	-1.06143	0.112059	1.30094	1.30094	0.0686878	0.733577	-1.36318	0.0148546	0.634064	-1.57713	0.880452	0.977377	-1.02315	0.55608	0.913447	-1.09475	0.24118	1.20509	1.20509	0.0607528	0.725104	-1.37911	0.00283072	0.535201	-1.86846	4.54464	1.66402	0.325467	1
cg13672348	EHMT1;EHMT1	3.32E-06	0.986401	1.00267	1.00267	0.00260074	1.92294	1.92294	0.64162	1.07623	1.07623	0.0232325	0.65364	-1.52989	2.92E-08	0.0420086	-23.8047	0.161317	0.791005	-1.26422	0.299462	0.844899	-1.18357	0.234236	0.822476	-1.21584	0.149927	0.785117	-1.27369	53.9229	20.9785	0.345819	1
cg14620208	EHMT1;EHMT1	2.49E-05	0.404376	1.07168	1.07168	0.0390157	1.21393	1.21393	0.000863407	0.66642	-1.50056	0.176589	0.889973	-1.12363	5.42E-05	0.543108	-1.84125	0.173702	0.889189	-1.12462	1.45E-06	2.7012	2.7012	0.287166	1.09382	1.09382	0.752778	0.974686	-1.02597	31.9946	3.33635	0.0926921	1
cg23538468	EHMT1;EHMT1	4.79E-05	0.457622	0.894138	-1.1184	0.200441	1.22147	1.22147	0.397802	1.13664	1.13664	0.101948	0.767342	-1.3032	3.86E-07	0.116436	-8.58838	0.598269	0.924359	-1.08183	0.437697	0.889486	-1.12424	0.976291	0.995613	-1.00441	0.66455	1.06667	1.06667	26.9312	9.33417	0.308082	1
cg13983301	EHMT1;EHMT1	0.000194284	0.0130453	0.522891	-1.91244	0.710477	0.924502	-1.08166	0.0356357	0.597595	-1.67337	0.779532	0.942631	-1.06086	2.45E-05	0.170696	-5.85838	1.51E-05	0.151442	-6.60318	0.368731	1.21453	1.21453	0.532448	1.14239	1.14239	0.0301108	0.584531	-1.71077	18.5161	12.9975	0.623959	1
cg18819574	EHMT1;EHMT1	0.000820793	0.113413	0.697246	-1.43421	0.72724	1.07606	1.07606	0.778075	1.06093	1.06093	0.521882	0.872939	-1.14556	7.29E-06	0.126083	-7.93131	0.23767	0.771861	-1.29557	0.700515	1.08427	1.08427	0.40342	0.836115	-1.19601	0.705385	1.08276	1.08276	12.4419	8.6354	0.616941	1
cg14065720	EHMT1;EHMT1	0.00247978	0.86355	1.01997	1.01997	0.0353478	0.754496	-1.32539	0.0253466	0.736694	-1.35742	0.92713	1.01057	1.01057	0.304351	1.13008	1.13008	0.00774781	0.674923	-1.48165	0.000207518	2.04194	2.04194	0.732394	1.04025	1.04025	0.0554653	0.779167	-1.28342	9.05365	1.89489	0.186041	1
cg14156842	EHMT1;EHMT1	0.00322032	0.302254	1.22378	1.22378	0.00746242	0.52154	-1.9174	0.155924	0.750619	-1.33223	0.842183	0.963032	-1.03839	5.55E-05	0.242407	-4.12529	0.235943	0.790817	-1.26451	0.208625	0.778433	-1.28463	0.789065	0.950595	-1.05197	0.0858174	0.698547	-1.43154	8.37963	4.73882	0.502681	1
cg13791668	EHMT1;EHMT1	0.00470699	0.104664	1.20233	1.20233	0.0729375	1.23099	1.23099	0.107641	1.20012	1.20012	0.00131756	1.62515	1.62515	0.0174766	1.3506	1.3506	0.472012	1.07897	1.07897	0.000484216	1.76553	1.76553	0.242764	1.13542	1.13542	0.00207444	1.56902	1.56902	7.4749	1.2779	0.151963	1
cg13478757	EHMT1;EHMT1	0.00999439	0.0710834	0.596416	-1.67668	0.560986	0.860123	-1.16262	0.118845	0.647966	-1.54329	0.00934936	2.3277	2.3277	0.045835	0.55614	-1.79811	0.980603	1.00625	1.00625	0.00726948	0.411692	-2.429	0.0138803	2.17971	2.17971	0.206872	0.710909	-1.40665	5.91168	6.15136	0.924928	1
cg13407601	EHMT1;EHMT1	0.0170744	0.141982	0.653227	-1.53086	0.128533	1.55752	1.55752	0.905524	1.03254	1.03254	0.406288	1.25753	1.25753	0.808208	0.936512	-1.06779	0.0163247	2.20769	2.20769	0.00173277	0.299649	-3.33724	0.195172	0.691037	-1.4471	0.182542	0.682801	-1.46456	4.96223	5.71734	1.02415	1
cg01595717	EHMT1;EHMT1	0.0324753	0.0541081	0.290876	-3.43789	0.020761	0.207523	-4.81874	0.117474	0.382718	-2.61289	0.419614	0.627619	-1.59332	0.0100507	0.159576	-6.26662	0.232023	0.492602	-2.03004	0.00480879	0.120827	-8.27627	0.0174291	0.194936	-5.12989	0.206837	0.471408	-2.12131	3.97284	20.0778	4.49224	1
cg13842302	EHMT1;EHMT1	0.0390589	0.0102006	0.22751	-4.39541	0.0131728	0.245405	-4.07489	0.0220473	0.285055	-3.50809	0.194657	0.53415	-1.87213	0.0517595	0.363572	-2.75049	0.0299468	0.311198	-3.21339	0.0436437	0.346393	-2.88689	0.673534	0.82392	-1.21371	0.0715866	0.398683	-2.50826	3.71552	12.2939	2.94115	1
cg13725913	EHMT1;EHMT1	0.043908	0.267609	0.772252	-1.29491	0.587548	0.884654	-1.13039	0.790811	0.942239	-1.0613	0.928501	1.02029	1.02029	0.0195508	0.531802	-1.8804	0.486901	1.17127	1.17127	0.00421348	2.35753	2.35753	0.947014	1.01498	1.01498	0.151726	0.709138	-1.41016	3.55804	2.82229	0.705079	1
cg13922757	EHMT1;EHMT1	0.0472297	0.902587	0.986851	-1.01332	0.0394528	0.772964	-1.29372	0.147563	1.18291	1.18291	0.151322	1.18082	1.18082	0.279423	0.885537	-1.12926	0.0206074	0.739752	-1.3518	0.518669	0.931713	-1.07329	0.0572071	1.26185	1.26185	0.147573	0.845378	-1.1829	3.46205	0.640768	0.164519	1
cg14526997	EHMT1;EHMT1	0.0474465	0.140267	0.474904	-2.10569	0.601611	1.28046	1.28046	0.219859	0.54582	-1.8321	0.421988	0.68048	-1.46955	0.00390495	0.1615	-6.19196	0.287828	0.595761	-1.67852	0.0137093	0.239205	-4.18051	0.383659	0.657542	-1.52082	0.0276517	0.294645	-3.39391	3.45607	12.0563	3.10084	1
cg14470976	EHMT1;EHMT1;FLJ40292	0.015874	0.144615	0.82746	-1.20852	0.952745	0.992863	-1.00719	0.905572	1.01445	1.01445	0.0717312	1.2751	1.2751	0.00054382	1.91491	1.91491	0.228138	0.858218	-1.1652	0.256504	1.15391	1.15391	0.501867	0.920919	-1.08587	0.160619	1.1986	1.1986	5.08434	1.17643	0.205674	1
cg02758274	EHMT2;EHMT2	1.89E-05	0.0352966	1.37455	1.37455	3.93E-06	0.248149	-4.02984	0.477578	1.09824	1.09824	0.00291488	0.588124	-1.70032	3.60E-06	0.24416	-4.09567	0.4261	0.899907	-1.11123	0.000103338	0.410097	-2.43845	0.473184	1.0993	1.0993	0.281602	1.15629	1.15629	34.3803	9.16978	0.237081	1
cg09618893	EHMT2;EHMT2	0.000141861	0.00282245	1.88116	1.88116	0.000114721	2.82786	2.82786	0.0151829	1.58117	1.58117	0.0165193	1.56815	1.56815	0.617754	1.08035	1.08035	0.539728	1.10007	1.10007	0.000102103	2.87766	2.87766	1.03E-05	4.26928	4.26928	0.00217999	1.93569	1.93569	20.1576	7.53391	0.332223	1
cg19669701	EHMT2;EHMT2	0.000179333	?	?	?	5.80E-05	0.198958	-5.02619	0.00062216	0.319672	-3.12821	7.71E-05	0.211987	-4.71728	0.0183292	0.537876	-1.85916	0.000131366	0.237476	-4.21095	0.00199488	0.388513	-2.57392	0.275935	0.782299	-1.27828	0.0948352	0.671873	-1.48838	19.3983	12.816	0.660676	1
cg24899451	EHMT2;EHMT2	0.000367396	0.0809454	0.734349	-1.36175	0.0749466	0.728732	-1.37225	0.136669	0.77427	-1.29154	0.38197	0.866695	-1.15381	3.85E-06	0.179443	-5.57279	0.0427588	0.689267	-1.45082	0.936316	1.01283	1.01283	0.708912	1.06166	1.06166	0.00389611	0.53788	-1.85915	15.5603	6.27419	0.358415	1
cg09729511	EHMT2;EHMT2	0.000571166	0.31842	1.37536	1.37536	0.66263	0.87312	-1.14532	0.0209086	0.423584	-2.36081	0.0463455	0.49393	-2.02458	4.46E-05	0.0916616	-10.9097	0.00101562	0.221693	-4.51074	0.000161227	0.136511	-7.3254	0.268692	0.700436	-1.42768	0.224114	0.673875	-1.48395	13.7716	20.8352	1.34481	1
cg25209609	EHMT2;EHMT2	0.000633313	0.351861	1.10437	1.10437	0.35802	0.906701	-1.1029	0.0206967	1.33464	1.33464	0.779641	0.971354	-1.02949	0.301935	0.895102	-1.11719	2.66E-05	0.42309	-2.36356	0.00102493	0.603912	-1.65587	0.398619	1.09368	1.09368	0.143732	1.17677	1.17677	13.3805	2.27542	0.151159	1
cg25165975	EHMT2;EHMT2	0.000707151	0.907111	0.97535	-1.02527	0.00233834	0.403163	-2.48038	0.135585	0.708977	-1.41048	0.00133369	0.368836	-2.71123	0.400618	1.20197	1.20197	0.000538031	0.316269	-3.16187	0.0013537	0.369729	-2.70469	0.854859	1.03993	1.03993	0.00014268	0.246048	-4.06424	12.9739	9.39432	0.643637	1
cg06411506	EHMT2;EHMT2	0.000925579	0.51215	0.887017	-1.12737	0.000494857	0.374031	-2.67358	0.00563229	0.519294	-1.92569	0.669043	0.925384	-1.08063	0.0341604	0.640337	-1.56168	7.80E-05	0.275474	-3.63011	0.322764	1.20225	1.20225	0.0641876	1.4551	1.4551	0.700991	1.07206	1.07206	12.0271	6.19475	0.457838	1
cg24450397	EHMT2;EHMT2	0.00149527	0.257049	1.12413	1.12413	0.537509	0.940111	-1.0637	0.0889139	0.830605	-1.20394	0.328383	0.905027	-1.10494	0.224241	1.13461	1.13461	0.819803	1.02283	1.02283	2.02E-05	2.34571	2.34571	0.347677	1.10037	1.10037	0.138484	1.17089	1.17089	10.4891	1.6255	0.137751	1
cg18465149	EHMT2;EHMT2	0.00153982	0.0353106	0.424569	-2.35533	0.886549	0.951332	-1.05116	0.0870373	0.516626	-1.93564	0.00980311	0.31945	-3.13038	3.38E-05	0.0603169	-16.5791	0.066687	0.487441	-2.05153	0.00343173	0.249255	-4.01195	0.95983	0.982551	-1.01776	0.0176923	0.364839	-2.74094	10.4008	20.1207	1.71958	1
cg11180771	EHMT2;EHMT2	0.00182646	0.708731	1.10194	1.10194	0.00399539	2.72055	2.72055	0.0194542	2.07661	2.07661	0.00788768	0.414104	-2.41485	0.433296	0.81315	-1.22979	0.0017751	0.316258	-3.16197	0.00117968	0.292028	-3.42432	0.873705	0.959685	-1.04201	0.750034	0.920642	-1.0862	9.89977	10.4918	0.942048	1
cg15480114	EHMT2;EHMT2	0.00229003	0.862466	1.04898	1.04898	0.358428	1.29748	1.29748	0.84599	0.947785	-1.05509	0.168358	0.667045	-1.49902	3.31E-05	0.108449	-9.22096	0.105479	0.614016	-1.62862	0.164863	1.50471	1.50471	0.414772	1.25846	1.25846	0.919888	1.02813	1.02813	9.26779	11.1625	1.07061	1
cg05338567	EHMT2;EHMT2	0.00236045	0.551789	0.819884	-1.21969	0.0268338	2.37522	2.37522	0.371179	1.35378	1.35378	0.565964	0.825799	-1.21095	0.00011747	0.108107	-9.25008	0.850293	1.06431	1.06431	0.002752	0.255938	-3.90719	0.313522	1.41037	1.41037	0.18106	0.62599	-1.59747	9.18581	15.8306	1.53189	1
cg01667634	EHMT2;EHMT2	0.00263326	0.0267456	1.72424	1.72424	0.000577849	0.331109	-3.02016	0.410549	1.19086	1.19086	0.0412751	1.63012	1.63012	0.0156109	0.540431	-1.85038	0.0253993	0.576082	-1.73586	0.147889	0.724524	-1.38022	0.275622	1.26543	1.26543	0.00904477	0.502226	-1.99114	8.89487	6.06974	0.606565	1
cg05425464	EHMT2;EHMT2	0.00268182	0.808662	1.03027	1.03027	0.00877616	0.663436	-1.5073	0.845345	0.976278	-1.0243	0.04302	1.33142	1.33142	0.702891	1.04824	1.04824	0.0453556	1.32605	1.32605	0.000107389	2.31586	2.31586	0.675188	0.94951	-1.05317	0.298311	0.875873	-1.14172	8.84703	2.11757	0.212759	1
cg22336993	EHMT2;EHMT2	0.00271067	0.487855	0.82612	-1.21048	0.698092	0.899746	-1.11143	0.189279	1.45773	1.45773	0.768971	0.923277	-1.0831	0.000247073	0.193895	-5.15744	0.000237053	0.191955	-5.20955	0.672709	0.891228	-1.12205	0.267101	0.730997	-1.36799	0.202228	0.694258	-1.44039	8.81911	10.2596	1.03407	1
cg19577206	EHMT2;EHMT2	0.00302275	0.00494728	0.424842	-2.35382	0.0710869	1.59002	1.59002	0.21947	1.34582	1.34582	0.928561	1.02084	1.02084	0.0199977	0.524287	-1.90735	0.0368282	0.57249	-1.74676	0.000387538	0.27207	-3.67552	0.00760233	0.454065	-2.20233	0.151362	0.702156	-1.42419	8.53897	7.15429	0.744747	1
cg07898120	EHMT2;EHMT2	0.00311196	0.0109419	0.545174	-1.83428	0.000200752	0.305611	-3.27213	0.264167	0.801642	-1.24744	0.462749	1.15257	1.15257	0.00922718	0.53377	-1.87347	0.742668	0.939332	-1.06459	0.00158258	0.42248	-2.36698	0.756308	1.06092	1.06092	0.191652	0.76906	-1.30029	8.46547	4.83817	0.508016	1
cg25981875	EHMT2;EHMT2	0.00343276	0.29923	1.31136	1.31136	0.438581	1.22025	1.22025	0.973054	0.991526	-1.00855	0.306166	1.30595	1.30595	9.10E-05	0.171654	-5.82568	0.00960692	0.437813	-2.28408	0.769961	1.07667	1.07667	0.200926	1.40539	1.40539	0.68295	0.901709	-1.109	8.22137	8.26497	0.893602	1
cg20422968	EHMT2;EHMT2	0.00355	0.0422378	0.616439	-1.62222	0.00142219	0.385029	-2.5972	0.0791249	0.668269	-1.4964	0.00185857	0.401264	-2.49213	0.0243428	0.574143	-1.74173	0.622169	1.10816	1.10816	0.35202	1.219	1.219	0.0103271	1.95052	1.95052	0.907056	1.02444	1.02444	8.13917	5.51104	0.601867	1
cg01671476	EHMT2;EHMT2	0.00424881	0.0267286	0.327116	-3.05702	0.160036	0.527815	-1.8946	0.000667434	0.10896	-9.17769	0.983246	0.991101	-1.00898	0.00448563	0.199296	-5.01766	0.000774154	0.114635	-8.72337	0.269541	0.612956	-1.63144	0.856124	1.08032	1.08032	0.0217351	0.309521	-3.2308	7.71072	22.1302	2.55116	1
cg07743144	EHMT2;EHMT2	0.00445587	0.0483745	0.691923	-1.44525	0.000581666	0.419559	-2.38345	0.159302	0.782249	-1.27836	0.838072	0.967142	-1.03397	0.515996	0.898047	-1.11353	0.572577	1.09757	1.09757	0.00145604	2.11866	2.11866	0.150766	0.777685	-1.28587	0.915739	1.01743	1.01743	7.60041	3.20901	0.375303	1
cg10071442	EHMT2;EHMT2	0.00486563	0.00223799	0.23452	-4.26403	0.314326	0.702893	-1.42269	0.0138895	0.357071	-2.80056	0.00554242	0.290886	-3.43777	0.00194185	0.226423	-4.41652	0.00424962	0.273518	-3.65607	0.0133653	0.354094	-2.82411	0.717268	1.13112	1.13112	0.0214544	0.392133	-2.55016	7.39983	13.4535	1.61607	1
cg12675591	EHMT2;EHMT2	0.00566668	0.291236	0.876615	-1.14075	0.0241097	1.38183	1.38183	0.0197487	1.40287	1.40287	0.0126935	1.45127	1.45127	0.0291483	1.36222	1.36222	0.0007278	1.85476	1.85476	0.994245	0.999133	-1.00087	0.041827	1.32588	1.32588	0.00420897	1.58546	1.58546	7.06246	1.61719	0.203542	1
cg27172808	EHMT2;EHMT2	0.00572319	0.826152	1.03188	1.03188	0.000530397	0.463146	-2.15915	0.327641	1.15506	1.15506	0.221368	0.832454	-1.20127	0.666579	0.940038	-1.06379	0.30979	1.16176	1.16176	0.00245986	1.82367	1.82367	0.276669	0.850942	-1.17517	0.184154	0.817934	-1.22259	7.04093	2.26935	0.286497	1
cg07723114	EHMT2;EHMT2	0.00605777	0.427177	1.15066	1.15066	0.438814	0.872243	-1.14647	0.77994	1.04968	1.04968	0.394887	1.1628	1.1628	0.431737	0.870318	-1.14901	0.452672	1.1416	1.1416	0.000105379	0.305548	-3.2728	0.279559	0.823174	-1.21481	0.036757	0.657065	-1.52192	6.91866	3.28321	0.421817	1
cg16113661	EHMT2;EHMT2	0.00672336	0.855624	1.05103	1.05103	0.0388126	1.92284	1.92284	0.99279	1.00247	1.00247	0.0127595	0.429314	-2.3293	0.0791221	0.586993	-1.7036	0.00855921	0.399852	-2.50092	0.000912764	0.257983	-3.87623	0.522332	1.19387	1.19387	0.0848621	0.594068	-1.68331	6.6987	7.92353	1.05142	1
cg00028757	EHMT2;EHMT2	0.00719243	0.586442	0.876512	-1.14089	0.0786073	0.625788	-1.59799	0.0734673	1.61426	1.61426	0.58231	1.14258	1.14258	0.000303342	0.244429	-4.09117	0.0102855	0.460262	-2.17268	0.9655	1.01043	1.01043	0.814802	1.05792	1.05792	0.593996	1.13781	1.13781	6.55937	5.98148	0.810577	1
cg16414425	EHMT2;EHMT2	0.00844913	0.418004	1.05643	1.05643	0.409343	1.05757	1.05757	0.00472304	1.28273	1.28273	0.702784	0.97489	-1.02576	0.9791	0.998264	-1.00174	0.951961	0.996012	-1.004	0.00194992	0.74781	-1.33724	0.00856231	0.800528	-1.24918	0.241266	1.08477	1.08477	6.23583	0.434573	0.0619463	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg02629156	EHMT2;EHMT2	0.00871348	0.0554455	1.88405	-1.17868	0.0513625	1.32293	1.18293	0.94671	0.99514	-1.00408	0.132094	1.13101	1.15101	0.968247	0.99699	-1.00302	0.559694	1.04678	1.03476	0.000541761	1.50272	1.50272	0.0320629	0.826812	-1.20947	0.616239	0.962456	-1.01901	6.17538	0.560896	0.0807358	1
cg16361343	EHMT2;EHMT2	0.00893411	0.646603	0.908104	-1.1012	0.359355	1.21749	1.21749	0.754873	0.936692	-1.06759	0.116957	1.42707	1.42707	0.00572942	0.328398	-3.04509	0.0554956	0.635598	-1.57332	0.777255	0.942405	-1.06101	0.0270294	1.72749	1.72749	0.0730533	0.658712	-1.51811	6.12664	4.23092	0.613847	1
cg11209988	EHMT2;EHMT2	0.0104379	0.290081	1.15846	1.15846	0.000401047	2.12598	2.12598	0.532835	1.08831	1.08831	0.0555891	1.33722	1.33722	0.953672	0.992247	-1.00781	0.562382	0.924536	-1.08162	0.0123207	1.51818	1.51818	0.33927	0.876389	-1.14105	0.347898	0.878563	-1.13822	5.83002	1.65698	0.252636	1
cg07028705	EHMT2;EHMT2	0.0117722	0.11383	1.15761	1.15764	0.90981	1.00969	1.00969	0.655666	1.03893	1.03893	0.188113	1.12601	1.12601	0.712651	1.03198	1.03198	0.958241	1.00447	1.00447	0.000149875	1.74033	1.74033	0.438968	0.935037	-1.06948	0.757481	1.02671	1.02671	5.60824	0.643122	0.310933	1
cg16596457	EHMT2;EHMT2	0.0124156	0.893155	0.980729	-1.01965	0.387427	0.879607	-1.13687	0.419995	1.1262	1.12672	0.00433789	0.577598	-1.73673	0.00717982	0.523193	-1.91134	0.00982655	0.623394	-1.60412	0.296756	1.16959	1.16959	0.653608	1.0676	1.0676	0.452963	0.8952	1.15707	5.52119	1.8305	0.295185	1
cg08249097	EHMT2;EHMT2	0.0126557	0.0775269	1.64371	1.64371	0.776894	0.930573	-1.07461	0.00174608	1.09636	1.09636	0.165284	1.45477	1.45477	0.00148233	1.19379	1.19379	0.885849	1.03705	1.03705	0.0581101	1.7202	1.7202	0.735902	1.08952	1.08952	0.0275132	1.93528	5.47791	5.56533	0.903874	1
cg08594281	EHMT2;EHMT2	0.0132985	0.00922552	2.62788	2.62788	0.08233331	1.75526	1.75526	0.117438	1.64398	1.64398	0.0566016	1.87929	1.87929	0.755318	0.912662	-1.0957	0.180766	1.51505	1.51505	0.505038	1.21865	1.21865	0.000401667	5.18408	5.18408	0.105914	1.6758	1.6758	5.38999	7.29578	1.20318	1
cg10497484	EHMT2;EHMT2	0.0142243	0.242526	1.29155	1.20195	0.0277093	0.753159	-1.32768	0.128387	1.23998	1.23998	0.00404044	2.32952	2.32952	0.0682098	1.55948	1.55948	0.644235	0.932484	-1.0724	0.377095	0.930131	-1.06483	0.930371	1.16304	1.16304	0.908711	1.0174	1.0174	5.22325	1.88857	0.318408	1
cg10221665	EHMT2;EHMT2	0.0144982	0.0229873	0.4916111	-2.38316	0.905947	0.96296	-1.03846	0.0237513	0.422373	2.36757	0.857007	0.159329	0.106574	0.0942511	0.2916	-3.42955	0.0182988	0.400748	-2.49533	0.00173802	0.240254	-4.16227	0.729621	0.895123	-1.11736	0.0703161	0.524134	1.90791	8.57603	1.43549	1
cg21141346	EHMT2;EHMT2	0.0152482	0.953264	1.01915	1.01915	0.0110402	0.356431	-2.80559	0.162345	0.617078	-1.62054	0.305122	0.709167	-1.41011	0.000882709	0.19962	-5.00951	0.0958646	0.553278	-1.80741	0.0275503	0.43026	-2.32418	0.811226	1.08051	1.08051	0.0186776	0.397512	-2.51565	5.15263	8.54669	1.4744	1
cg17750075	EHMT2;EHMT2	0.0153277	0.776	1.14855	1.14855	0.272953	0.915512	-1.44289	0.172966	0.843775	-1.1445	0.647526	1.13229	1.13229	0.00434326	0.321762	-3.10787	0.183504	1.13383	1.13383	0.163892	1.20981	1.20981	0.297432	1.13951	-1.03377	0.755068	1.32458	5.14942	3.39824	0.586602	1
cg02778334	EHMT2;EHMT2	0.0166593	0.467451	0.87546	-1.14226	0.0826762	0.141302	0.133152	1.33836	0.158878	1.33112	1.31112	0.0596159	1.45681	1.46581	0.0622782	1.04118	0.04118	0.0210044	0.606866	-1.64781	0.042069	1.52403	1.52403	0.00271779	2.10602	5.22421	0.455566	1
cg26492121	EHMT2;EHMT2	0.0169777	0.595398	1.08728	1.09278	0.162558	0.781283	-1.25995	0.0608964	0.599935	-1.78502	0.328751	1.58161	1.58161	0.00636979	0.557547	-1.79357	0.0219934	0.64455	-1.57932	0.159127	0.779483	-1.2829	0.657767	1.4269	1.4269	0.0270566	0.916164	-1.07341	4.97273	2.15809	0.389841	1
cg22858549	EHMT2;EHMT2	0.0172189	0.0368921	0.750702	-1.33209	0.00146263	0.580675	-1.72213	0.175707	0.898034	-1.11354	0.015366	0.703341	-1.42179	0.0107293	0.684342	-1.46126	0.530289	1.07811	1.07811	0.612216	0.94132	-1.06234	0.0769311	0.792402	-1.26199	0.068687	0.785801	-1.27259	4.94825	1.09673	0.197014	1
cg04267000	EHMT2;EHMT2	0.0179728	0.947729	0.963267	-1.03813	0.0559299	0.307986	-3.2469	0.366761	0.589036	-1.69769	0.695895	0.799137	-1.25135	0.004176	0.111805	-8.94414	0.00147613	0.0728842	-13.7204	0.0964989	0.352877	-2.83285	0.61636	0.749503	-1.33422	0.0243641	0.216204	-4.62526	4.73706	24.4119	4.58709	1
cg21490342	EHMT2;EHMT2	0.0180635	0.626703	0.915667	-1.09211	0.0978481	0.541609	-1.84635	0.444381	1.10545	1.10545	0.0184208	0.598115	-1.67192	0.553962	1.11925	1.11925	0.0322063	0.670705	-1.49072	0.0133355	1.56367	1.56367	0.193969	1.33101	1.33101	0.734623	1.06307	1.06307	4.66087	2.38867	0.454081	1
cg04227254	EHMT2;EHMT2	0.0211676	0.00149658	2.52629	2.52629	0.8858878	1.0295	1.0295	0.398685	1.19117	1.19117	0.762196	0.940407	-1.06337	0.318281	0.815331	-1.23224	0.00942886	0.513656	-1.94683	0.580102	0.8930312	-1.11978	0.521906	1.14044	1.14044	0.357717	1.21105	1.21105	4.61448	2.99594	0.573023	1
cg18053240	EHMT2;EHMT2	0.0222646	0.765588	1.04327	1.04327	0.2138075	0.649257	-1.54022	0.0622945	0.741214	-1.34748	0.825503	1.03188	1.03188	0.951986	0.991829	-1.00824	0.0321455	1.42858	1.42858	0.00645475	1.73188	1.73188	0.644302	0.916004	-1.06831	0.845723	1.02807	1.02807	4.53528	1.45984	0.284556	1
cg11127603	EHMT2;EHMT2	0.0224223	0.0125501	0.6253333	-1.53306	0.143021	1.24212	1.24212	0.922283	1.45824	1.45824	0.0379584	1.78987	1.78987	0.0178481	1.39297	0.864157	0.770314	-1.29811	0.102227	0.816552	-1.27934	0.104266	0.782997	-1.27714	0.915583	1.07471	1.07471	0.373737	1.13402	4.5243	1.35953	0.267107	1
cg00210002	EHMT2;EHMT2	0.023456	0.239602	1.33399	1.33399	0.0107836	0.472573	-2.11608	0.41419	0.822556	-1.21572	0.891045	0.968435	-1.03259	0.253883	0.756667	-1.32158	0.585107	0.878962	-1.13771	0.2469	1.32756	1.32756	0.0411343	1.7357	1.7357	0.00586281	2.32565	2.32565	4.45458	3.86368	0.770979	1
cg27015469	EHMT2;EHMT2	0.0237605	0.733348	0.873742	-1.1445	0.120604	1.0835	1.0835	0.753878	0.885617	-1.12936	0.58954	0.865557	-1.23984	0.00307928	0.320072	-3.24873	0.529403	1.12893	1.12893	0.0606546	0.638081	0.8908	0.9992	1.10004	1.10004	0.256006	1.59527	4.94676	1.00421	2.19321	1
cg21786114	EHMT2;EHMT2	0.0238805	0.736292	1.05163	1.05163	0.0138716	1.57268	1.57268	0.00937911	1.63326	1.63326	0.0742682	0.743635	-1.34475	0.284648	0.842274	-1.18726	0.268715	1.18715	1.18715	0.106977	1.29961	1.29961	0.151224	1.25739	1.25739	0.020081	1.51847	5.14804	2.92526	4.70555	0.312233	1
cg09331644	EHMT2;EHMT2	0.0247019	0.340264	1.08861	1.08861	0.123377	0.752352	-1.32918	0.0774392	0.919	1.08861	0.271211	1.27111	1.27111	0.855344	0.992353	-1.00765	0.0242543	0.0850888	0.2255	-4.43553	0.0863207	0.7683159	0.0666313	0.7683159	0.0666313	0.173923	1.30154	0.0371308	0.0764549	0.0806545	0.0806545	0.0806545	1
cg23471585	EHMT2;EHMT2	0.0292822	0.911152	0.957377	-1.04452	0.114157	0.511401	-1.95541	0.0503618	0.41877	-2.38795	0.0140513	0.363	-3.26478	0.00606462	0.246976	-4.04898	0.00729933	0.259227	-3.85762	0.07437	0.460332	-2.17234	0.85423	0.930747	-1.07441	0.0698337	0.453334	4.20588	4.12208	0.94132	2.14375	1
cg12941325	EHMT2;EHMT2	0.0293513	0.0520512	0.5087	-1.96579	0.361871	0.750791	-1.33193	0.748247	0.906214	-1.10349	0.731661	0.893225	-1.11954	0.00875777	0.217375	-4.60034	0.0119257	0.423059	-2.36373	0.616356	1.16706	1.16706	0.554324	0.832838	-1.20071	0.558758	0.834581	-1.19821	4.18564	6.10077	1.33167	1
cg12103797	EHMT2;EHMT2	0.0323634	0.598864	1.11794	1.11794	0.430229	0.479383	-2.08453	0.272583	0.727	-1.37512	0.442	1.21841	1.21841	0.252352	0.907	-1.10258	0.0322063	0.670705	-1.49072	0.0133355	1.56367	1.56367	0.193969	1.33101	1.33101	0.734623	1.06307	1.06307	4.66087	2.38867	0.454081	1
cg14862260	EHMT2;EHMT2	0.0333418	0.408863	1.23571	1.23571	0.00738204	0.421073	-2.37489	0.0400092	0.551735	-1.81247	0.0190543	0.20616	0.20616	0.996615	1.00121	1.00121	0.0294288	0.513656	-1.94683	0.580102	0.8930312	-1.11978	0.521906	1.14044	1.14044	0.357717	1.21105	1.21105	4.61448	2.99594	0.573023	1
cg15988204	EHMT2;EHMT2	0.0340201	0.0680803	1.47548	1.47548	0.0715628	0.95434	-1.15424	0.62495	1.07037	-1.08474	0.624705	0.884251	1.13657	0.19557	1.11193	1.11193	0.0731832	1.24497	1.24497	0.0180914	2.12268	2.12268	0.0156106	1.84239	1.84239	0.0127278	2.8336	2.8336	0.307549	1.42167	1.42167	2.92313	6.90982	1.56202	1
cg07723322	EHMT2;EHMT2	0.0343284	0.0335384	0.764479	-1.90421	-1.10617	0.406534	1.32996	1.32996	0.00115119	0.215527	-4.63979	0.842119	0.935221	-1.06927	0.967528	-1.01376	0.162018	1.15918	1.15918	0.41614	1.32193	1.32193	0.0193761	2.2961	2.2961	0.299161	1.43528	1.43528	3.92713	7.0142	1.58763	1
cg24530786	EHMT2;EHMT2	0.0338535	0.834269	0.978509	-1.02196	0.150492	0.852313	-1.17328	0.19012	0.865985	-1.15475	0.0848578	1.21847	1.21847	0.0429265	1.27326	1.27326	0.129275	0.843697	-1.18526	0.00558371	1.45847	1.45847	0.34515	1.10608	1.10608	0.356506	1.10333	1.10333	5.91393	0.666495	0.151367	1
cg25826973	EHMT2;EHMT2	0.0348239	0.0709746	1.37096	1.37096	0.0729393	0.753119	-1.32768	0.0838521	0.73657	-1.35757	0.0955657	1.19357	1.19357	0.0839851	1.1193	1.1193	0.037471	0.69861	-1.43125	0.0155616	1.12439	1.12439	0.584905	0.90913	-1.09966	0.809436	0.978461	-1.02201	3.8742	1.81893	0.417562	1
cg08441534	EHMT2;EHMT2	0.0372479	0.161282	0.744453	-1.34327	0.212444	0.771778	-1.29571	0.82168	1.04554	1.04554	0.86315	0.966541	-1.03462	0.783121	1.05594	1.05594	0.639854	0.91123	-1.09742	0.00394932	2.6452	2.6452	0.814515	0.954611	-1.04755	0.554244	1.12525	1.12525	3.78065	2.32988	0.547791	1
cg07444152	EHMT2;EHMT2	0.0374419	0.00915362	2.84783	2.84783	0.9709309	0.564121	-1.77231	0.0133188	0.704088	-1.42065	0.0215168	0.704088	-1.42065	0.0215168	0.709393	-1.4097	0.0668716	1.11756	1.11756	0.0724324	1.10727	1.10727	0.0654128	0.571384	1.75041	0.0139317	0.571384	1.75041	0.0139317	0.0934648	1
cg10909324	EHMT2;EHMT2	0.0380084	0.0326453	0.580157	-1.72367	0.172267	0.728771	-1.37217	0.723011	0.925425	-1.08058	0.477334	0.85441	-1.1704	0.979622	1.0944553	1.00558	0.00524452	0.2297	0.2297	0.0375363	1.69135	1.69135	0.979987	0.994552	-1.00548	0.587749	1.12659	1.12659	3.75283	0.81886	0.667669	1
cg07433440	EHMT2;EHMT2	0.0393601	0.0400537	0.165016	-6.06002	0.0374727	0.32311	-3.09492	0.151289	0.487755	-2.05021	0.726975	0.849029	-1.17782	0.12854	0.464403	-2.1533	0.661842	0.814254	-1.22812	0.00544557	0.181369	-5.51362	0.327767	0.62399	-1.60259	0.10406	0.436148	2.29828	0.70505	12.7918	3.06893	1
cg22706070	EHMT2;EHMT2	0.0419969	0.521004	0.894861	-1.11837	0.0732852	0.623789	-1.6031	0.108561	1.27111	1.27111	0.855344	0.992353	-1.00765	0.0853207	0.770517	-1.29783	0.112125	0.788026	-1.26857	0.0353149	1.40439	1.40439	0.880951	0.979671	-1.02075	0.475292	0.905295	-1.10461	0.61742	1.07609	0.264422	1
cg05720054	EHMT2;EHMT2	0.0447982	0.644894	1.08945	1.08945	0.0763946	1.43898	1.43898	0.00691865	0.524509	-1.90654	0.49014	1.13816	1.13816	0.234551	0.794506	1.25864	0.0438544	1.53366	1.53366	0.208409	0.782833	-1.27741	0.86095	0.96815	-1.0329	0.263119	1.24033	1.24033	3.53146	1.90623	0.47981	1
cg08446133	EHMT2;EHMT2	0.0448232	0.308093	1.18454	1.18454	0.0956568	1.24486	1.24486	0.0555985	1.705455	-1.41752	0.132619	1.30473	1.30473	0.0844823	0.947835	-1.05499	0.0239487	1.34582	1.34582	0.0334157	1.53269	1.53269	0.0189937	0.883894	1.14582	0.0433147	1.876344	1.14582	0.0433147	4.4727	3.78212	1
cg19770715	EHMT2;SLC44A4;EHMT2	0.0474537	0.087456	0.757532	-1.32008	0.0925303	0.761489	-1.31322	0.00116724	0.495807	-2.01691	0.0261826	1.47442	1.47442	0.0655072	0.737667	-1.35562	0.292387	1.17443	1.17443	0.827303	0.968351	-1.03268	0.655119	0.936165	-1.06819	0.243255	0.853506	1.29688	5.20912	1.7873	0.304986	1
cg21517812	EI24;EI24	0.00041417	0.0197852	0.661354	-1.51205	0.0192975	0.659822	-1.51556	0.000690116	0.467144	-2.14067	0.251409	1.1925	1.1925	1.61E-05	0.270815	-3.69256	0.0213427	0.666019	-1.50146	0.230282	0.831175	-1.20312	0.0423606	1.40988	1.40988	0.0370619	0.749137	-1.33487	15.0495	5.14506	0.30389	1
cg09451763	EI24;EI24	0.0122624	0.1502604	1.32606	1.32606	0.0934252	1.24749	1.24749	0.0555985	1.705455	-1.41752	0.132619	1.30473	1.30473	0.0844823	0.947835	-1.05499	0.0308413	1.53479	1.53479	0.408	1.34582	1.34582	0.0334157	1.53269	1.53269	0.0189937	0.883894	1.14582	0.0433147	1.876344	1.14582	0.0433147	4.4727	3.78212	1
cg02158841	EI24;EI24	0.00661604	0.980383	1.0072	1.0072	0.288573	0.725058	-1.3792	0.06640025	0.548381	-1.82355	0.87575	1.04672	1.04672	0.442147	0.795569	-1.25696	0.210135	0.68018	-1.4702	0.00237221	0.160148	-5.91197	0.163481	1.54341	1.54341	0.0046099	3.133654	2.99711	6.73229	0.08019	1.19889	1
cg16021037	EI24;EI24	0.0340408	0.0340408	0.734324	-1.36178	0.0394252	0.714453	-1.39929	0.0340408	0.540779	-1.84877	0.0340779	0.61676	1.62139	0.0340408	0.740779	-1.34988	0.665574	1.06855	1.06855	0.664407	1.06549	1.06549	0.520337	1.09998	1.09998	0.0886322	1.31476	1.31476	1.06909	5.91172	1.33865	1
cg03466485	EI24;EI24;EI24;EI24	0.00852923	?	?	?	0.0651165	0.609658	-1.64026	3.97E-05	0.152961	-6.53754	?	?	?	0.257111	1.3266	1.3266	0.0261049	1.8791	1.8791	0.449195	1.20235	1.20235	0.11308	0.662268	-1.50996	0.314393	1.38224	1.38224	12.9733	0.91512	0.80386	1
cg00451917	EID2	0.00046308	0.0182742	-1.61273	0.0496	0.0703297	0.159434	-2.14799	0.0384774	0.524472	-1.90595	0.0736969	1.25964	1.25964	?	?	?	0.244977	0.808204	-1.2365	0.0139748	0.488483	1.45243	0.617199	0.812278	1.12269	1.12269	0.0009132	2.36648	8.13288	3.91493	0.427885	1
cg00866607	EID2	0.0088865	0.160191	1.18971	1.18971	0.289861	0.880574	-1.11562	0.0490822	0.75726	1.20705	0.129707	0.00430013	0.524674	-1.90595	0.0736969	1.25964	1.25964	?	?	?	0.725709	1.04162	1.04162	0.512442	1.25787	1.15787	0.183927	0.832826	0.889742	-1.12392	6.13703	1.30274	0.188619	1
cg18757129	EID2	0.00986625	0.135692	1.25175	2.25175	0.000338985	0.0440562	-22.6983	0.470965	0.692893	-1.44322	0.329751	1.6558	1.6558	0.83631	1.10877	1.10877	?	?	?	0.518134	0.72066	-1.38762	0.156233	2.14849	2.14849	0.687758	0.817296	-1.22355	6.87244	23.5812	3.00236	1
cg16039662	EID2	0.0181661	0.0465455	1.44935	1.44935	0.892782	0.946915	-1.05606	0.964243	0.932153	-1.01817	0.0979593	0.96259	0.96259	0.0161222	0.929362	-1.07585	0.00319757	0.19633	-5.09348	0.220774	0.559824	-1.684	0.756263	1.69435	1.69435	0.0094664	1.54658	0.256783	1.69435	4.52505	11.8207	3.03919	1
cg15055808	EID2	0.0274926	0.819925	1.03054	0.307186	1.14442	1.14442	0.00081535135	0.52516	-1.90418	0.403863	1.11516	1.11516	0.875161	0.980137	1.02027	0.138363	0.815794	1.08444	0.396494	0.895118	-1.11717	0.21738	1.08011	1.08011	4.21482	1.08701	0.229247	1
cg21615505	EID2B	0.00090349	0.0824237	-2.61483	-2.74029	1.0573	1.0573	0.0433753	0.13679	1.12673	1.12673	0.407671	0.848793	1.11764	0.407671	0.920391	-1.08649	0.0625511	0.666515	-1.50034	0.0024026	0.498815	-2.27958	0.318614	1.22081	1.22081	0.0273982	1.27166	1.27166	5.06025	3.59609	0.527458	1
cg04570604	EID2B	0.00740762	21.3847	21.3847	0.3814407	-0.463979	-2.15527	0.355715	0.44534	-2.25459	0.0581885	1.42084	6.42084	0.0533425	6.60294	6.60294	?	?	?	21.6455157	1.20572	1.20572	0.145201	2.2598844	-3.84847	0.353668	0.441903	-2.26294	4.05816	40.6046	8.57496	1
cg01848457	EID3;TXNRD1;TXNRD1;TXNRD1;TXNRD	0.000912995	0.26174	0.684939	-1.45998	0.467811	0.787509	-1.26983	0.00209108	0.246587	-4.05536	0.222332	1.51392	1.51392	0.00140726	0.119461	8.37095	0.0388644	1.46148	2.16694	0.00280044	0.134421	-7.4393	0.17321	1.59779	1.59779	0.256879	1.682057	-1.46615	11.9699	19.8714	1.47197	1
cg11491056	EIF1	0.00869673	0.0376716	2.04494	2.04494	0.304088	0.729193	-1.37138	0.00356444	0.309872	-3.22734	0.174782	0.651644	-1.53458	0.0615887	1.86779	1.86779	0.103176	1.69711	1.69711	0.00351691	0.309009	-3.23615	0.954503	1.01707	1.01707	0.945677	1.02042	1.02042	6.17914	8.6161	1.23945	1
cg20098514	EIF1	0.0122007	0.686834	1.07626	1.18779	0.234682	0.473118	-2.18666	0.115451	0.339193	-2.94818	0.00887224	0.1154	8.66553	0.562027	0.659381	-1.51655	0.0158	1.56027	1.56027	0.0159933	1.45255	1.45255	0.0386486	0.956881	-1.04473	0.516711	1.50805	1.50805	6.52194	27.5942	4.68882	1
cg09466807	EIF1AD	0.00014876	0.0182596	2.84017	-1.19022	0.137242	0.90729	-1.10218	0.253074	0.930014	-1.07525	0.0543596	1.1419	1.1419	0.284312	0.85453	1.17023	0.175086	1.09161	1.09161	0.3706	0.916276	1.09161	0.376	0.962209	1.02669	0.0229133	1.18191	1.18191	19.8972	1.16423	0.0520107	1
cg24052669	EIF1AD	0.00188884	0.00111138	3.176488	-5.66611	0.276428	0.663721	-1.50666	0.0076767	0.289237	-3.45737	0.00306817	0.230422	-4.33987	0.0209624	0.365785	-2.73385	0.0242873	0.378263	-2.64366	0.000181762	0.101015	-9.89955	0.535997	1.25472	1.25472	0.0164417	1.3368	-2.96912	9.8037	20.3548	1.84554	1
cg14908564	EIF1AD;BANF1;BANF1;BANF1	0.00199341	0.503365	1.07626	1.07626	0.765.02	0.5012	-1.32005	0.0127455	0.776684	-1.28753	0.00355568	0.550008	-1.81796	0.0199584	1.36061	1.36061	0.0179555	1.47155	1.47155	0.0097366	0.735165	-1.35996	0.222309	0.823308	-1.21461	0.183237	0.8923	1.12048	1.12048	3.92303	0.523505	1
cg04197135	EIF1AD;BANF1;BANF1;BANF1;BANF1	0.0140169	0.555649	0.967674	-1.10172	0.728269	0.91258	-1.05958	0.334159	1.15722	1.15722	0.298266	1.19151	1.19151	0.797353	1.0427	1.0427	0.569368	0.910779	-1.09796	0.00755585	0.43603	-2.29342	0.883734	1.19841	1.19841	0.0115435	1.67089	1.67089	5.20728	2.21025	0.37182	1
cg07147218	EIF1AD;EIF1AD;BANF1;BANF1	0.00234551	0.638766	1.08861	1.08861	0.0731834	0.738747	1.35655	0.0138943	0.49963	-2.01982	0.312542	1.47963	1.47963	0.0312264	1.27178	0.00303525	0.428803	1.2742	1.2742	0.0868467	1.31534	1.31534	0.0418	0.890207	1.12353	0.0136414	1.31534	1.31534	0.0418	4.28144	3.15234	0.0732505	1
cg13588572	EIF1AD;EIF1AD;BANF1;BANF1	0.00270291	0.0452506	0.749042	-1.33504	0.513847	1.08685	1.08685	8.06E-05	2.44765	2.44765	0.779159	1.036	1.036	0.162935	0.829146	1.20606	0.127245	1.812637	1.23056	0.32433	0.879815	-1.1366	0.119443	1.23684	1.23684	0.0947686	1.25985	1.25985	8.82658	2.21223	0.222784	1
cg03857673	EIF1AD;EIF1AD;BANF1;BANF1	0.011129	0.0400551	2.36387	2.36387	0.1737055	0.740212	-1.35096	0.00902165	0.720638	-1.38766	0.908411	1.01142	1.01142	0.397496	0.918121	-1.08918	0.765154	0.970867	-1.03001	0.020475	0.759116	-1.31732	0.249833	1.30114	1.30114	0.143512	1.16781	1.16781	5.71102	0.880992	0.137121	1
cg09783858	EIF1AD;EIF1AD;BANF1;BANF1	0.0405973	0.675767	1.93277	1.93277	0.0322815	0.713645	1.40531	0.108561	1.27111	1.27111

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg19882377	EIF2C2;EIF2C2	0.00159961	0.00113551	1.42048	1.42048	0.000688549	1.46217	1.46217	0.0100703	1.26882
cg11743997	EIF2C2;EIF2C2	0.00232596	0.00093458	0.39325	-2.54291	0.00131896	0.413523	-2.41825	0.152071	0.748315
cg27056175	EIF2C2;EIF2C2	0.00487764	0.0032774	0.576524	-1.73453	0.0154325	1.50447	1.50447	0.734087	0.954223
cg10010182	EIF2C2;EIF2C2	0.00515676	0.00132389	0.236054	-4.23632	0.388626	1.31407	1.31407	0.209315	0.664273
cg16971515	EIF2C2;EIF2C2	0.00697111	0.130019	1.37292	1.37292	0.293768	0.809734	-1.23497	0.558968	1.12134
cg10649706	EIF2C2;EIF2C2	0.00879451	0.45476	1.09949	1.09949	0.0257532	1.40228	1.40228	0.0324183	1.37573
cg26074100	EIF2C2;EIF2C2	0.00911641	0.00664009	0.440698	-2.26913	0.00212402	0.366256	-2.73033	0.0215315	0.526162
cg24512544	EIF2C2;EIF2C2	0.011895	0.0262697	4.47725	4.47725	0.0656278	3.23804	3.23804	0.00229299	11.2933
cg26801816	EIF2C2;EIF2C2	0.0129802	0.920769	0.978674	-1.02179	0.297349	1.26376	1.26376	0.176319	1.36543
cg24492446	EIF2C2;EIF2C2	0.0137583	0.997143	1.00066	1.00066	0.0318244	0.63045	-1.58617	0.562607	1.1133
cg00175844	EIF2C2;EIF2C2	0.0163662	0.262203	0.835686	-1.19662	0.496451	1.11185	1.11185	0.157716	1.26105
cg13383332	EIF2C2;EIF2C2	0.0187557	0.649134	1.05289	1.05289	0.251397	1.14436	1.14436	0.774809	0.968238
cg27319710	EIF2C2;EIF2C2	0.0202098	0.910148	0.969607	-1.03135	0.00284376	0.325263	-3.07444	0.412661	0.795335
cg02345613	EIF2C2;EIF2C2	0.02052	0.513515	1.37109	1.37109	0.00593211	5.55137	5.55137	0.568622	1.3158
cg25071674	EIF2C2;EIF2C2	0.0222875	0.285385	0.789011	-1.26741	0.257444	0.77693	-1.28712	0.00177061	0.386414
cg12691427	EIF2C2;EIF2C2	0.0225597	0.0442242	0.226116	-4.42251	0.00186744	0.0585154	-17.0895	0.0661258	0.265556
cg18044585	EIF2C2;EIF2C2	0.0241847	0.715254	0.870454	-1.14883	0.0640717	2.19903	2.19903	0.637589	0.835538
cg15936375	EIF2C2;EIF2C2	0.0274599	0.445172	1.48789	1.48789	0.000875273	12.7812	12.7812	0.0220877	4.06046
cg09815962	EIF2C2;EIF2C2	0.0337184	0.984492	0.995502	-1.00452	0.00279533	2.60007	2.60007	0.0283909	1.82215
cg01980793	EIF2C2;EIF2C2	0.0401043	0.0281694	0.319437	-3.13051	0.187813	1.84871	1.84871	0.388327	0.677569
cg19992450	EIF2C2;EIF2C2	0.0442134	0.780092	0.93701	-1.06722	0.133843	1.4562	1.4562	0.346058	1.25303
cg17634588	EIF2C2;EIF2C2	0.0463092	0.231375	0.8493	-1.17744	0.0323039	1.38563	1.38563	0.516566	1.08934
cg03071924	EIF2C2;EIF2C2	0.0486777	0.416656	0.882597	-1.13302	0.118015	1.29092	1.29092	0.0529741	0.71831
cg11130692	EIF2C2;EIF2C2	0.0488764	0.0221593	0.409448	-2.44231	0.855909	1.06096	1.06096	0.323387	0.717433
cg26291848	EIF2C2;EIF2C2	0.0489705	0.0188079	0.119617	-8.36004	0.0885672	4.06194	4.06194	0.514767	0.610894
cg06206086	EIF2C3;EIF2C3	8.03E-05	1.36E-05	0.304237	-3.28691	5.77E-06	0.263305	-3.79788	0.0598832	0.757605
cg02927292	EIF2C3;EIF2C3	0.000418667	0.843291	1.04446	1.04446	2.52E-05	0.159163	-6.28286	0.118747	0.689255
cg21837323	EIF2C3;EIF2C3	0.000819568	0.00460376	0.401424	-2.49113	0.0259476	0.527385	-1.89615	0.65802	1.11385
cg15142192	EIF2C3;EIF2C3	0.00131517	0.0376173	0.565602	-1.76803	0.00343898	0.391064	-2.55713	0.0516117	0.592476
cg11089071	EIF2C3;EIF2C3	0.00581926	0.224293	0.873096	-1.14535	0.0731664	0.80861	-1.23669	0.481615	0.926778
cg08138025	EIF2C3;EIF2C3	0.0134656	0.0295581	1.26326	1.26326	0.579967	0.950289	-1.05231	0.0116878	1.33294
cg03988279	EIF2C3;EIF2C3	0.0164593	0.025913	1.53624	1.53624	0.0298332	0.660318	-1.51442	0.709168	0.940984
cg22615819	EIF2C3;EIF2C3	0.0196976	0.698878	1.08262	1.08262	0.0117958	0.526122	-1.9007	0.0040955	2.19593
ch.1.1158789F	EIF2C3;EIF2C3	0.0324243	0.769211	0.917844	-1.08951	0.155701	1.55675	1.55675	0.426194	1.26712
cg02639366	EIF2C4	4.92E-05	0.585895	1.06086	1.06086	0.000156596	0.499112	-2.00356	0.918954	0.989128
cg24352618	EIF2C4	0.000187608	0.0119921	1.87204	1.87204	5.75E-05	4.45034	4.45034	0.00874796	1.9507
cg16311344	EIF2C4	0.000603396	2.77E-05	0.096432	-10.37	0.322018	1.33619	1.33619	0.4261	1.25889
cg16019273	EIF2C4	0.00363134	0.00298177	0.353287	-2.83056	0.176131	1.44382	1.44382	0.0195973	0.486648
cg15127443	EIF2C4	0.0435642	0.0493252	2.29725	2.29725	0.00851903	3.47165	3.47165	0.0878088	2.01072
cg18580491	EIF2C4;EIF2C4	0.00391738	0.276958	0.720911	-1.38713	0.0694027	0.555527	-1.80009	0.4952	0.818375
cg11076181	EIF2S1	0.00110279	0.00186827	0.138803	-7.20446	0.000706881	0.0992878	-10.0717	0.00258215	0.154226
cg10952591	EIF2S1;ATP6V1D	2.41E-05	0.0315185	0.80224	-1.24651	0.0819181	1.18344	1.18344	0.413402	0.929546
cg22868346	EIF2S1;ATP6V1D	0.00293481	0.66497	0.964176	-1.03715	0.0617684	1.19261	1.19261	0.0200978	1.26465
cg20908993	EIF2S1;ATP6V1D	0.00879573	0.0141607	0.699269	-1.43006	0.121386	0.819995	-1.21952	0.503537	1.08353
cg21926698	EIF2S1;ATP6V1D;ATP6V1D	0.0380205	0.91226	1.0193	1.0193	0.610943	1.09305	1.09305	0.0231671	1.60127
cg22792862	EIF2S1;EIF2S1;ATP6V1D	0.00203285	0.05783	0.742479	-1.34684	0.120199	1.26368	1.26368	0.0102072	1.56777
cg01346101	EIF2S2	0.00018497	0.287054	0.873709	-1.14455	0.119884	0.813775	-1.22884	0.000420946	0.505303
cg11453190	EIF2S2	0.00132064	0.389434	1.2414	1.2414	0.0161383	2.05791	2.05791	0.0653865	1.66049
cg09028855	EIF2S2	0.00333198	0.00207995	0.237966	-4.20228	0.735158	0.893619	-1.11905	0.0823535	0.528617
cg04465201	EIF2S2	0.00397285	?	?	?	0.115562	0.848016	-1.17922	0.31568	0.90653
cg01562356	EIF2S2	0.00518005	0.00239456	0.161343	-6.19796	0.62636	1.23556	1.23556	0.0295205	0.331241
cg18589543	EIF2S2	0.00522195	0.17031	1.23425	1.23425	0.00317783	0.559513	-1.78727	0.01714	1.51997
cg17301506	EIF2S2	0.0124934	0.547691	0.912628	-1.09574	0.0133549	1.58494	1.58494	0.0346278	1.44799
cg13419083	EIF2S2	0.0292122	0.290533	1.14475	1.14475	0.0435321	1.33118	1.33118	0.159135	0.830724
cg06127902	EIF2S3	0.00699377	0.0239327	1.38284	1.38284	0.00128632	0.568645	-1.75857	0.473376	0.916007
cg00060882	EIF2S3	0.0273526	0.684984	0.942958	-1.06049	0.133863	0.792292	-1.26216	0.00146873	0.516203
cg03331490	EIF3A	0.00440646	0.00793198	0.649925	-1.53864	0.0301336	0.724155	-1.38092	0.684161	1.05313
cg18480168	EIF3A	0.00930149	0.852155	0.960154	-1.0415	0.0131466	1.95452	1.95452	0.117121	0.690056
cg10063753	EIF3A	0.0190726	0.13025	1.11981	1.11981	0.13714	1.11724	1.11724	0.920959	1.0069
cg10785295	EIF3A	0.0201209	0.195934	1.17844	1.17844	0.275532	1.14591	1.14591	0.235515	1.16098
cg02622557	EIF3A	0.0240735	0.717416	1.06132	1.06132	0.671984	1.07223	1.07223	0.00344619	1.91634
cg14834741	EIF3A	0.0250705	0.389367	0.718897	-1.39102	0.0792285	0.482367	-2.07311	0.45695	0.753187
cg15023278	EIF3A	0.0302942	0.802067	1.05313	1.05313	0.996754	1.00084	1.00084	0.0394062	1.63415
cg11223711	EIF3A	0.0376026	0.0376026	0.664667	-1.50451	?	?	?	?	?
cg21289924	EIF3A	0.0401681	0.334569	0.87297	-1.14551	0.0423405	1.37604	1.37604	0.236343	1.18458
cg08854170	EIF3A	0.0445327	0.316116	0.738154	-1.35473	0.0180975	0.431326	-2.31843	0.0606608	0.538192
cg04126427	EIF3A	0.0484216	0.294193	0.806806	-1.23946	0.0219548	0.581405	-1.71997	0.0875765	1.45076
cg02637781	EIF3B;EIF3B	0.000578066	0.128224	1.60104	1.60104	9.25E-05	0.0202568	-49.3662	0.00454126	0.243224
cg26675182	EIF3B;EIF3B	0.00156554	0.169892	0.731603	-1.36686	0.000497142	3.20555	3.20555	0.0743025	1.52975
cg07439880	EIF3B;EIF3B	0.00175916	0.688997	0.944144	-1.05916	0.00111747	1.98533	1.98533	0.135432	1.25849
cg05661982	EIF3B;EIF3B	0.00262951	0.382722	0.869629	-1.14992	0.880426	0.976784	-1.02377	0.0766613	0.735441
cg06068163	EIF3B;EIF3B	0.00352712	0.526574	0.853563	-1.17156	0.00326963	2.68943	2.68943	0.347422	1.26965
cg26642844	EIF3B;EIF3B	0.00766123	0.634134	1.07758	1.07758	0.132489	0.776485	-1.28785	0.01699	0.635335
cg24695071	EIF3B;EIF3B	0.00994524	0.695599	0.897237	-1.11453	0.427699	0.799872	-1.2502	0.649506	1.13447
cg12460765	EIF3B;EIF3B	0.0102848	0.798295	1.04785	1.04785	0.0304165	1.59096	1.59096	0.174743	0.768401
cg14909424	EIF3B;EIF3B	0.0106935	0.0377778	0.607341	-1.64652	0.00929711	0.505088	-1.97985	0.0141722	0.534483
cg02538825	EIF3B;EIF3B	0.0137988	?	?	?	?	?	?	0.171578	2.17655
cg25522738	EIF3B;EIF3B	0.0150879	0.0696928	0.461798	-2.16545	0.0047616	0.239908	-4.16826	0.0240213	0.358699
cg07040338	EIF3B;EIF3B	0.0180916	0.750269	0.888224	-1.12584	0.494879	1.29341	1.29341	0.547341	1.25362
cg06060335	EIF3B;EIF3B	0.0250915	0.00156903	0.39449	-2.53492	0.0975008	1.45116	1.45116	0.734668	1.07215
cg22187843	EIF3B;EIF3B	0.0305266	0.727625	0.842534	-1.1869	0.75866	1.16301	1.16301	0.127205	2.24405
cg25053232	EIF3B;EIF3B	0.0397783	0.00332885	0.448108	-2.2316	0.999914	0.999978	-1.00002	0.701774	0.925631
cg01813334	EIF3B;EIF3B	0.0426935	0.188812	1.18279	1.18279	0.0343166	1.34677	1.34677	0.0460585	1.31739
cg04240471	EIF3B;EIF3B	0.0448308	0.787274	0.885944	-1.12874	0.279838	0.604713	-1.65368	0.198047	0.543843
cg10303572	EIF3C;EIF3C;EIF3CL	0.031978	0.642048	0.892088	-1.12097	0.0140669	2.09477	2.09477	0.17912	1.41641
cg09612875	EIF3C;EIF3CL;EIF3C	3.87E-05	2.42E-05	0.422751	-2.36546	9.09E-06	0.374081	-2.67322	0.193714	0.868671
cg15768968	EIF3D	6.72E-05	0.00416641	0.31841	-3.1406	3.96E-05	10.4087	10.4087	3.90E-05	10.4617
cg07397805	EIF3D	0.0012584	0.00202618	1.42258	1.42258	0.689059	1.03311	1.03311	0.00213276	1.41827
cg24530557	EIF3D	0.00442828	0.0593689	0.449302	-2.22567	0.177837	0.583771	-1.713	0.0719048	0.469902
cg14297023	EIF3D	0.00495955	0.202342	0.811801	-1.23183	0.37386	1.15188	1.15188	0.117664	1.3011
cg17972572	EIF3E	0.00220419	0.549076	1.07905	1.07905	0.00108838	0.546105	-1.83115	0.121338	0.809947
cg00941745	EIF3E	0.0235	0.0164999	0.349628	-2.86018	0.125151	1.81386	1.81386	0.0781845	2.01778
cg07168148	EIF3E	0.0245031	0.0144913	0.716199	-1.39626	0.199157	1.16222	1.16222	0.0360521	1.31021
cg26763380	EIF3E	0.0341961	0.342209	0.522998	-1.91205	0.117808	0.324667	-3.08008	0.0908758	0.291222
cg10693065	EIF3F	4.13E-05	0.45182	1.0539	1.0539	0.119575	0.890777	-1.12262	0.0563699	0.862467
cg09434624	EIF3F	0.00456233	0.0504025	0.452552	-2.20969	0.166973	0.59226	-1.68845	0.0015495	0.198259
cg05116719	EIF3F	0.00541422	0.443735	0.738819	-1.35351	0.00952879	0.280005	-3.57137	0.00123471	0.160244
cg09040699	EIF3F	0.00861318	0.798939	1.0273	1.0273	0.000167558	0.508648	-1.966	0.126097	1.1908
cg23952643	EIF3F	0.0173225	0.99067	0.99847	-1.00153	0.388961	0.890838	-1.12254	0.595639	0.93228
cg26260789	EIF3F	0.0233001	0.0354734	0.824908	-1.21226	0.522726	0.950347	-1.05225	0.0486808	0.837761
cg05328461	EIF3G	0.00304847	0.0133564	0.334114	-2.99299	0.000207516	0.108448	-9.22097	0.0762114	0.493758
cg26826183	EIF3G	0.00309138	0.00962287	0.253126	-3.9506	0.000347056	0.0896167	-11.1586	0.0722725	0.431319
cg25059792	EIF3G	0.0132861	0.00340428	0.623482	-1.6039	0.180796	0.844811	-1.1837	0.133837	1.21154
cg16327482	EIF3G	0.0270905	0.0168977	0.421653	-2.37162	0.267177	0.70996	-1.40853	0.298994	0.726886
cg19766988	EIF3G	0.0301429	0.0172187	0.13787	-7.25319	0.0593201	0.233763	-4.27784	0.103704	0.296764
cg14952889	EIF3G	0.0314849	?	?	?	0.112643	0.346467	-2.88628	0.19981	0.457919
cg27160241	EIF3G;P2RY11	0.00331888	0.000794772	0.195929	-5.10389	0.338314	0.727964	-1.37369	0.134477	0.595045
cg04770165	EIF3H	4.66E-05	7.62E-07	0.0659554	-15.1618	0.267765	1.26591	1.26591	0.00860102	1.98266
cg09976893	EIF3H	0.000139535	0.00035335	0.466975	-2.14144	0.0278579	0.708308	-1.41182	0.15364	0.816516
cg20044923	EIF3H	0.000195206	0.00027807	0.326045	-3.06706	0.149719	0.747502	-1.33779	0.00102465	0.399667
cg22753376	EIF3H	0.00689095	0.00470048	1.5338	1.5338	0.311885	0.887707	-1.1265	0.208234	1.16307
cg14447887	EIF3H	0.00904556	0.00182516	0.329458	-3.03529	0.0507103	0.572336	-1.74723	0.587016	0.871563
cg17759318	EIF3H	0.010632	0.00897384	0.0817832	-12.2274	0.020554	0.122198	-8.18347	0.0831496	0.235673
cg12686915	EIF3H	0.019853	0.109797	0.628568	-1.59092	0.0424654	0.536692	-1.86327	0.0983043	0.616971
cg18827066	EIF3H	0.03724	0.0191898	0.699667	-1.42925	0.00199419	0.57688	-1.73346	0.0492438	0.753586
cg26073060	EIF3I;C1orf91	3.96E-05	0.242614	0.825565	-1.21129	0.899027	1.0201	1.0201	0.0713026	0.729232
cg26093687	EIF3I;C1orf91	0.00537061	0.809045	0.948316	-1.0545	0.509778	0.863667	-1.15785	0.0399464	1.68282
cg26219182	EIF3I;C1orf91	0.0216588	0.0590923	1.36454	1.36454	0.193242	0.818088	-1.22236	0.038048	1.42005
cg16529530	EIF3I;EIF3I;C1orf91	0.00285566	0.577903	1.08431	1.08431	0.440061	0.892806	-1.12006	0.333167	1.15459
cg21931991	EIF3I;EIF3I;C1orf91	0.00693214	0.25872	0.693395	-1.44218	0.328755	1.36781	1.36781	0.123795	1.67854
cg08496664	EIF3IP1	0.000101261	0.00157974	0.373129	-2.68004	0.247779	0.769087	-1.30024	8.38E-06	0.121278
cg14146669	EIF3IP1	0.00752642	0.766771	0.862173	-1.15986	0.325362	0.601334	-1.66297	0.0158157	0.218253
cg02151463	EIF3IP1	0.0110574	0.404361	1.1537	1.1537	0.482826	0.887353	-1.12695	0.0587929	0.699311
cg04454807	EIF3IP1	0.0301755	0.506425	0.755427	-1.32376	0.113423	0.488367	-2.04764	0.0424882	0.378339
cg09520498	EIF3IP1	0.0494395	0.025313	0.420669	-2.37717	0.0448714	0.472501	-2.1164	0.00498588	0.298117
cg17082938	EIF3J	0.000216035	0.10858	1.56963	1.56963	0.00524169	2.5819	2.5819	0.00883016	2.36008
cg26400300	EIF3J	0.000276487	0.818648	1.03	1.03	0.592838	0.93288	-1.07195	0.711564	0.953318
cg05854349	EIF3J	0.0153984	0.0563536	0.820559	-1.21868	0.293673	1.10484	1.10484	0.331044	1.09614
cg20005760	EIF3J	0.0167372	0.0218068	0.117167	-8.53484	0.00299872	0.0419886	-23.816	0.105793	0.252554
cg14392740	EIF3J	0.0193729	0.524347	1.14305	1.14305	0.00470825	2.17771	2.17771	0.0196446	1.79337
cg10891025	EIF3J	0.0227354	0.0338102	0.665069	-1.5036	0.278901	0.830868	-1.20356	0.24148	0.817271
cg08637583	EIF3J	0.0261284	0.774344	1.03924	1.03924	0.0241328	1.43346	1.43346	0.193581	0.83176
cg02015053	EIF3J	0.0495169	0.684002	0.892664	-1.12024	0.028739	0.48881	-2.04578	0.393376	0.784587
cg19161333	EIF3K	0.0149761	0.395803	1.14329	1.14329	0.0193362	1.54587	1.54587	0.00340573	0.541755
cg14631703	EIF3K;MAP4K1;MAP4K1	0.0392971	0.00427871	0.245763	-4.06896	0.272396	1.52124	1.52124	0.266391	1.52999
cg08091601	EIF3L	0.00372041	0.0822849	0.335741	-2.97848	0.00199908	0.084276	-11.8658	0.0514488	0.284439
cg14153321	EIF3L	0.0320855	0.55421	1.09939	1.09939	0.435778	1.1342	1.1342	0.121082	0.766265
cg01985990	EIF3L;EIF3L	0.0174681	0.873594	1.01809	1.01809	0.019444	1.37452	1.37452	0.487563	1.08265
cg04784620	EIF3L;MIR659	2.31E-05	0.000187759	0.188805	-5.29647	0.0142034	0.449209	-2.22614	0.00353855	0.351383
cg14692895	EIF3M	1.68E-05	0.0100117	0.476587	-2.09825	8.18E-05	0.198175	-5.04605	0.0397966	0.581725
cg07179693	EIF3M	6.99E-05	0.00044843	0.3707	-2.6976	0.959269	1.0092	1.0092	0.0405562	1.52802
cg18931760	EIF3M	0.00309954	0.00081937	0.213177	-4.69095	0.506707	0.813447	-1.22934	0.926787	1.02857

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20385110	EIF3M	0.00720999	0.0318915	0.61472	-1.62676	0.799856	1.05039	1.05039	0.00170774	0.420342	-2.37901	0.392314	1.18481	1.18481	0.126989	1.37628	1.37628
cg25848520	EIF3M	0.0171235	0.267483	0.773759	-1.29239	0.482411	0.853403	-1.17178	0.00958029	0.482707	-2.07165	0.314266	1.25996	1.25996	0.00306964	0.40653	-2.45984
cg01796511	EIF3M	0.0244968	0.161615	0.785938	-1.27236	0.765038	1.04949	1.04949	0.0942333	1.34513	1.34513	0.843646	1.03234	1.03234	0.00093834	2.21547	2.21547
cg22647900	EIF3M	0.0265108	0.214239	0.786028	-1.27222	0.0421952	1.53869	1.53869	0.00823824	0.536743	-1.86309	0.768612	1.05582	1.05582	0.216661	0.787129	-1.27044
cg24441068	EIF3M	0.0324581	0.840324	0.981156	-1.01921	0.0751619	0.829559	-1.20546	0.266783	0.896633	-1.11528	0.707199	1.03623	1.03623	0.203006	0.880972	-1.13511
cg25505610	EIF3M	0.0452121	0.156669	1.25684	1.25684	0.70495	1.05908	1.05908	0.00362383	1.81136	1.81136	0.360952	0.86787	-1.15225	0.203001	1.22481	1.22481
cg20501069	EIF4A1	4.08E-05	0.105008	0.765351	-1.30659	0.00347799	1.92081	1.92081	0.00109167	0.439857	-2.27347	?	?	?	6.25E-06	0.127613	-7.8362
cg05038977	EIF4A1	0.0178734	0.05651	0.773091	-1.29351	0.178849	1.18558	1.18558	0.0215855	1.38943	1.38943	0.865778	0.980037	-1.02037	0.799628	0.970137	-1.03078
cg27075175	EIF4A1	0.0474198	0.00232447	0.556395	-1.79728	0.473871	1.10563	1.10563	0.0801428	1.30687	1.30687	0.915088	0.985404	-1.01481	0.144589	0.805714	-1.24114
cg21240492	EIF4A1;EIF4A1	0.00462248	0.00726344	2.1437	2.1437	0.00086045	3.00992	3.00992	0.0712797	1.55831	1.55831	0.0332077	0.578008	-1.73008	0.109155	1.46913	1.46913
cg00004421	EIF4A1;SENP3	0.020224	0.00547605	0.33646	-2.97212	0.00654896	0.348784	-2.86711	0.434868	0.78852	-1.2682	0.597953	0.853255	-1.17198	0.340178	0.74592	-1.34063
cg01623657	EIF4A1;SNORA48	0.00220393	0.000448354	0.483858	-2.06672	0.00172658	0.556387	-1.79731	0.00139775	0.544955	-1.83501	0.823164	0.971074	-1.02979	0.290604	0.866041	-1.15468
cg05641843	EIF4A1;SNORA48	0.0132703	0.00190007	0.156276	-6.39893	0.0335258	0.350758	-2.85097	0.833831	0.915192	-1.09267	0.24031	0.59534	-1.67971	0.00349997	0.188047	-5.31783
cg07421515	EIF4A1;SNORA67	0.00358636	0.0109704	0.687328	-1.45491	0.0101332	0.683168	-1.46377	0.657994	0.949011	-1.05373	0.497416	0.922262	-1.08429	0.875306	0.981722	-1.01862
cg01477797	EIF4A1;SNORA67;SNORD10	0.00364278	0.00267236	0.53869	-1.85635	0.177872	1.23776	1.23776	0.0711807	1.35021	1.35021	0.361472	1.14999	1.14999	0.00453239	0.56926	-1.75667
cg05652328	EIF4A1;SNORD10;SNORA67	5.48E-05	1.25E-05	0.450704	-2.21875	0.31357	0.913681	-1.09447	0.170842	0.881345	-1.13463	0.186489	0.885773	-1.12896	0.0297492	1.24801	1.24801
cg04510815	EIF4A1;SNORD10;SNORA67	0.000632221	0.000672016	0.216702	-4.61463	0.472749	0.806789	-1.23948	0.190391	0.665208	-1.50329	0.327775	0.74307	-1.34577	0.000540329	0.205632	-4.86305
cg24014629	EIF4A1;SNORD10;SNORA67	0.00112893	0.323598	0.890538	-1.12292	0.000136427	2.11818	2.11818	0.00296202	1.59016	1.59016	0.203416	1.16493	1.16493	0.018357	1.38458	1.38458
cg02346901	EIF4A1;SNORD10;SNORA67	0.00449045	0.979556	0.994266	-1.00577	0.0182162	1.9027	1.9027	0.000755929	3.14594	3.14594	0.00245145	2.57474	2.57474	0.38391	0.818439	-1.22184
cg16547235	EIF4A1;SNORD10;SNORA67	0.00870015	0.477048	1.13976	1.13976	0.000951801	2.4378	2.4378	0.544665	1.11732	1.11732	0.0118196	1.76612	1.76612	0.675668	0.926692	-1.07911
cg12153480	EIF4A2	0.00203794	0.000415163	0.421958	-2.3699	0.124986	1.29155	1.29155	0.113591	1.30373	1.30373	0.00741654	1.70123	1.70123	0.0392286	0.692436	-1.44418
cg03466093	EIF4A2	0.00246546	0.0853786	0.466199	-2.14501	0.013919	0.29548	-3.38433	0.00195839	0.172609	-5.79344	0.914824	1.04387	1.04387	0.0196946	0.322888	-3.09705
cg26687567	EIF4A2;SNORD2	0.0154013	0.00656686	0.78413	-1.2753	0.0874887	0.878143	-1.13877	0.617308	1.03531	1.03531	0.0137079	0.81062	-1.23362	0.340352	0.934553	-1.07003
cg17846621	EIF4A3	0.000992658	0.618975	0.916574	-1.09102	0.0136518	1.69905	1.69905	0.0100248	0.568464	-1.75913	0.934273	1.01444	1.01444	2.84E-05	0.239402	-4.17708
cg24585782	EIF4A3	0.0043974	0.00108317	0.313524	-3.18955	0.17312	0.705725	-1.41698	0.138986	0.681882	-1.46653	0.503847	1.17715	1.17715	0.0558898	0.594074	-1.68329
cg14228980	EIF4A3	0.0068967	0.647624	1.16548	1.16548	0.0223761	0.402274	-2.48587	0.259139	0.675873	-1.47957	0.335326	1.39182	1.39182	0.0209999	0.396955	-2.51918
cg26213496	EIF4A3	0.00899866	0.0142583	0.241653	-4.13816	0.0299896	3.28752	3.28752	0.916374	0.953401	-1.04888	0.0332876	0.313936	-3.18536	0.295569	0.609251	-1.64136
cg21954542	EIF4A3	0.0203566	0.0043069	0.525007	-1.90473	0.085908	0.725876	-1.37765	0.0568182	0.694965	-1.43892	0.887152	0.976316	-1.02426	0.394856	0.863203	-1.15848
cg22375009	EIF4A3	0.0402024	0.0278052	0.642312	-1.55688	0.733973	1.05979	1.05979	0.0144659	0.598686	-1.67033	0.0970627	0.733418	-1.36348	0.0769217	0.715427	-1.39777
cg04557032	EIF4B	9.68E-05	0.00422524	0.700645	-1.42726	6.21E-05	0.503756	-1.98509	0.0811496	0.835613	-1.19673	0.771704	0.97334	-1.02739	1.94E-05	0.446983	-2.23722
cg11285998	EIF4B	0.00953965	0.662736	0.934785	-1.06976	0.476605	1.11764	1.11764	0.0250052	1.50652	1.50652	0.605691	1.08331	1.08331	0.0016345	0.499922	-2.00031
cg19243391	EIF4B	0.017399	0.977165	1.00904	1.00904	0.00295657	3.60918	3.60918	0.0101181	2.77478	2.77478	0.907112	0.96395	-1.0374	0.128976	0.59687	-1.67541
cg22812972	EIF4B;EIF4B	0.043477	0.260096	0.484657	-2.06332	0.377984	0.572495	-1.74674	0.551306	1.45016	1.45016	0.977983	0.983128	-1.01716	0.684025	0.777017	-1.28697
cg11118566	EIF4E1B;SNCB;SNCB;EIF4E1B	0.0358306	0.297855	1.50464	1.50464	0.000589979	7.45919	7.45919	0.593172	1.22648	1.22648	0.331492	1.46128	1.46128	0.294754	1.50889	1.50889
cg08158719	EIF4E2	0.0216718	0.921627	0.980128	-1.02027	0.0773549	0.669993	-1.49255	0.927456	1.01875	1.01875	0.837739	0.959039	-1.04271	0.022653	0.573166	-1.7447
cg08399929	EIF4E2;EIF4E2;TIGD1	0.0197324	0.0549687	0.623126	-1.60481	0.967495	1.0089	1.0089	0.912984	0.976521	-1.02404	0.62374	1.11345	1.11345	0.845667	1.04327	1.04327
cg01228342	EIF4E3;EIF4E3;EIF4E3	0.0449544	0.819339	1.06431	1.06431	0.569854	1.16938	1.16938	0.550266	1.179	1.179	0.0401475	1.90807	1.90807	0.651292	1.13197	1.13197
cg09429735	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.000350623	0.0909753	1.36684	1.36684	6.32E-05	0.290557	-3.44166	0.000223891	0.356735	-2.8032	0.00504138	0.536591	-1.86362	0.452179	1.13718	1.13718
cg15037823	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.00734434	0.161172	0.529063	-1.89014	0.348476	1.50778	1.50778	0.0105782	0.254621	-3.9274	0.963808	0.980881	-1.01949	0.000840192	0.118013	-8.47367
cg23333146	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.0139684	0.190186	0.661312	-1.51215	0.0521987	0.517775	-1.93134	0.23479	0.689917	-1.44945	0.0182738	0.425799	-2.34853	0.158745	1.56673	1.56673
cg18306788	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.0189242	0.305889	1.33239	1.33239	0.0122544	0.42972	-2.3271	0.00196979	0.306081	-3.2671	0.731	0.91081	-1.09792	0.127383	1.56246	1.56246
cg14612785	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.0234767	0.0658776	0.70752	-1.41339	0.45712	1.13537	1.13537	0.379315	0.859665	-1.16324	0.100383	0.739508	-1.35225	0.0143784	0.60298	-1.65843
cg01454951	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.0255987	0.0754124	0.598331	-1.67132	0.0283072	1.95777	1.95777	0.112272	0.638487	-1.5662	0.844447	0.950305	-1.05229	0.0077506	0.411739	-2.42872
cg22631938	EIF4E3;EIF4E3;GPR27	0.021543	0.321289	0.593024	-1.68627	0.0765606	2.73065	2.73065	0.0131412	4.79741	4.79741	0.321994	1.68491	1.68491	0.808432	0.883502	-1.13186
cg04864586	EIF4E;EIF4E	0.00626311	0.142163	0.787464	-1.2699	0.247775	0.832795	-1.20078	0.935783	0.987872	-1.01228	0.567571	0.916229	-1.09143	0.000161668	0.377111	-2.65174
cg17031926	EIF4E;EIF4E;EIF4E	0.000633457	0.00564504	0.576096	-1.73582	0.00354983	1.82203	1.82203	0.0474601	1.41096	1.41096	0.050715	0.713182	-1.40217	0.000619615	0.449403	-2.22517
cg12635606	EIF4E;EIF4E;EIF4E	0.00114145	0.0623116	1.49797	1.49797	0.0176538	0.573563	-1.74349	0.0124298	1.82054	1.82054	0.409108	0.849938	-1.17656	0.000651051	0.365398	-2.73674
cg02721858	EIF4E;EIF4E;EIF4E	0.0253272	0.321442	0.817109	-1.22383	0.0376384	0.621575	-1.60882	0.0038651	0.464204	-2.15423	0.549084	1.12698	1.12698	0.119001	0.716313	-1.39604
cg21341586	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.00106148	0.00170915	0.0971321	-10.2953	0.423566	1.53044	1.53044	0.00515217	0.146108	-6.84423	0.049637	0.311591	-3.20933	0.00271522	0.115782	-8.63693
cg15633390	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.00168082	0.000323327	0.0280112	-35.7	0.426889	0.60731	-1.6466	0.0188651	0.174027	-5.74624	0.0251436	0.194512	-5.14106	0.00629353	0.112166	-8.91539
cg11037477	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.00756958	0.00314614	0.172787	-5.78747	0.560305	0.77402	-1.29196	0.0388317	0.35328	-2.83062	0.261415	0.600835	-1.66435	0.0408669	0.358192	-2.7918
cg20236533	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.0107366	0.807154	0.955277	-1.04682	0.413738	1.1692	1.1692	0.0243252	0.605227	-1.65227	0.47146	1.14688	1.14688	0.729057	1.06722	1.06722
cg14972143	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.0136133	0.0100055	0.194321	-5.14613	0.367806	1.59369	1.59369	0.177936	0.486173	-2.05688	0.466214	0.688275	-1.45291	0.134718	0.443775	-2.25339
cg18160135	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.0170358	0.00654655	0.153052	-6.53372	0.477845	0.681501	-1.46735	0.148965	0.43937	-2.27599	0.143575	0.433835	-2.30503	0.0145516	0.202053	-4.94919
cg12527684	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.0236861	0.00920677	0.139339	-7.17672	0.0732602	0.304013	-3.28933	0.06705	0.29417	-3.39939	0.106758	0.350035	-2.85686	0.0453218	0.254446	-3.9301
cg21554861	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.0273648	0.0199051	0.32896	-3.03988	0.534638	1.28246	1.28246	0.0470799	0.406975	-2.45715	0.297706	0.652411	-1.53278	0.0446361	0.40168	-2.48954
cg04217082	EIF4EBP1	1.54E-06	1.34E-06	0.0776897	-12.8717	0.0294688	0.588737	-1.69855	0.000557634	0.330775	-3.02321	0.34533	1.22241	1.22241	1.76E-06	0.0849796	-11.7675
cg02138124	EIF4EBP1	0.000536587	0.00872375	0.522023	-1.91562	0.00414678	2.11193	2.11193	0.9268	1.01804	1.01804	0.0226824	0.588213	-1.70006	0.00127071	0.400692	-2.49568
cg00354863	EIF4EBP1	0.00242518	6.90E-05	0.10741	-9.31015	0.965194	1.01347	1.01347	0.802407	1.07994	1.07994	0.00700775	0.343166	-2.91404	0.454771	0.791724	-1.26307
cg22545112	EIF4EBP1	0.00249463	0.000645149	0.465426	-2.14857	0.00159918	0.516076	-1.9377	0.260995	0.842597	-1.18681	0.0433608	0.712158	-1.40418	0.0334941	0.695648	-1.43751
cg09188300	EIF4EBP1	0.00429573	7.16E-05	0.0920539	-10.8632	0.805673	1.08466	1.08466	0.055482	2.04541	2.04541	0.487481	0.792489	-1.26185	0.796454	0.918308	-1.08896
cg22728323	EIF4EBP1	0.0160106	0.00243762	0.502868	-1.98859	0.00211263	0.494432	-2.02252	0.965308	1.00711	1.00711	0.577123	0.912293	-1.09614	0.561977	0.908875	-1.10026
cg17887364	EIF4EBP1	0.0360233	0.215588	0.811328	-1.23255	0.415831	0.875105	-1.14272	0.00483915	0.549101	-1.82116	0.625823	0.924196	-1.08202	0.00778524	0.578034	-1.73
cg21815479	EIF4EBP1	0.0468579	0.0612163	1.59532	1.59532	?	?	?	0.0570787	0.620824	-1.61076	0.224439	1.32653	1.32653	0.0759689	1.5485	1.5485
cg03613132	EIF4EBP1	0.0476448	0.0972436	0.714724	-1.39914	0.00146841	2.33355	2.33355	0.568849	1.11212	1.11212	0.398526	1.17294	1.17294	0.992887	1.00165	1.00165
cg05523877	EIF4EBP2	0.000114337	0.0973819	0.813744	-1.22889	0.000265413	0.507336	-1.97108	0.00581918	0.664175	-1.50563	0.000163444	0.482596	-2.07212	0.0125566	0.70346	-1.42155
cg16448037	EIF4EBP2	0.000157006	4.93E-05	0.184177	-5.42956	0.0941481	0.664755	-1.50431	0.0369686	0.584185	-1.71179	0.00732521	0.464354	-2.15353	2.80E-05	0.160516	-6.2299
cg16765897	EIF4EBP2	0.00810011	0.528269	1.16097	1.16097	0.74074	1.08065	1.08065	0.576552	1.14087	1.14087	0.151698	1.43161	1.43161	0.198798	0.728181	-1.37329
cg00320645	EIF4EBP2	0.0103148	0.0575504	0.585482	-1.70799	0.0357857	1.83839	1.83839	0.00401269	2.62111	2.62111	0.0229396	0.507536	-1.9703	0.66105	0.895857	-1.11625
cg12230010	EIF4EBP2	0.0209467	0.530304	0.956418	-1.04557	0.896719	1.00914	1.00914	0.507409	1.04827	1.04827	0.793968	0.981822	-1.01852	0.563604	0.959902	-1.04177
cg15711028	EIF4EBP2	0.0284487	0.00687223	0.38928	-2.56885	0.140264	0.651999	-1.53375	0.799385	1.07106	1.07106	0.14179	1.53086	1.53086	0.212382	0.701821	-1.42486
cg12565250	EIF4EBP2	0.032425	0.238416	0.481666	-2.07613	0.0308897	4.47895	4.47895	0.0248742	4.85274	4.85274	0.556623	0.703468	-1.42153	0.0854216	0.324701	-3.07976
cg24877964	EIF4EBP2	0.0350452	0.796633	1.07383	1.07383	0.0730036	0.576073	-1.73589	0.0610777	0.558693	-1.78989	0.614755	0.869387	-1.15024	0.00183247	0.29496	-3.39029
cg20621021	EIF4EBP2	0.0476884	0.690475	0.900255	-1.1108	?	?	?	0.182636	0.689855	-1.44958	0.0109817	2.31113	2.31113	0.923019	1.0257	1.0257
cg07124173	EIF4EBP3;ANKHD1-EIF4EBP3	0.00641639	0.795831	0.932493	-1.07239	0.0287226	2.32848	2.32848	0.0166178	2.72353	2.72353	0.35708	0.768863	-1.30062	?	?	?
cg26131493	EIF4EBP3;ANKHD1-EIF4EBP3	0.013994	0.561918	0.966892	-1.03424	0.00991163	1.20569	1.20569	0.103155	0.902712	-1.10777	0.247562	1.07187	1.07187	0.00107668	0.757873	-1.31948
cg17853833	EIF4ENIF1;EIF4ENIF1;EIF4ENIF1	0.0088453	0.0657805	0.772703	-1.29416	0.00449653	1.60484	1.60484	0.00190188	1.73231	1.73231	0.471606	1.09577	1.09577	0.0259033	0.718705	-1.39139
cg11789795	EIF4ENIF1;EIF4ENIF1;EIF4ENIF1	0.0166527	0.408527	0.871291	-1.14772	0.0468576	1.44897	1.44897	0.000611328	2.36406	2.36406	0.778438	0.955067	-1.04705	0.829605	0.965483	-1.03575
cg00969153	EIF4ENIF1;EIF4ENIF1;EIF4ENIF1	0.0385454	0.0323106	0.473002	-2.11416	0.362627	0.756181	-1.32244	0.213561	0.676242	-1.47876	0.150998	0.631499	-1.58353	0.367797	0.758575	-1.31826
cg10129547	EIF4ENIF1;EIF4ENIF1;EIF4ENIF1;EIF4ENIF1;EIF4ENIF1	0.00222305	0.390154	1.1704	1.1704	0.560677	1.11085	1.11085	0.0618652	1.45607	1.45607	0.963414	1.00823	1.00823	0.596818	1.10009	1.10009
cg02737321	EIF4G1;EIF4G1;EIF4G1	0.00112138	0.141891	0.767923	-1.30221	0.946929	0.98893	-1.01119	0.00634793	0.552051	-1.81143	0.0809358	1.38209	1.38209	0.000267617	0.367798	-2.71888
cg23504634	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.00154695	0.363353	0.843023	-1.18621	0.48663	1.13468	1.13468	0.0248273	1.95181	1.95181	?	?	?	0.000229407	0.033819	-29.5692
cg19946376	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.00898831	0.0770752	0.514811	-1.94246	0.149367	0.593235	-1.68567	0.337068	0.715847	-1.39695	0.709662	0.881336	-1.13464	0.00527253	0.288684	-3.46399
cg12369869	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0303552	0.178203	0.549345	-1.82035	0.011878	0.268476	-3.72473	0.690448	0.84567	-1.18249	0.768685	0.883828	-1.13144	0.0337474	0.354078	-2.82424
cg25382032	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0467006	0.134435	0.582777	-1.71592	0.266174	0.678684	-1.47344	0.231092	0.656881	-1.52235	0.572235	1.21037	1.21037	0.01791	0.38191	-2.61842
cg12975539	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.000244856	0.115521	0.805966	-1.24075	0.757133	1.03988	1.03988	0.277405	0.867258	-1.15306	0.0567186	0.761913	-1.31249	0.298327	0.872913	-1.14559
cg22978515	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.00117658	0.0102323	0.432832	-2.31037	0.713367	1.10014	1.10014	0.480192	1.204	1.204	0.369545	0.787896	-1.2692	0.00373178	0.363083	-2.75419
cg19251857	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0094842	0.237571	1.2376	1.2376	0.004967	0.526873	-1.89799	0.172081	0.778456	-1.28459	0.575241	1.10246	1.10246	0.00883245	1.77599	1.77599
cg08822118	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0208083	0.0250696	0.455824	-2.19383	0.06857	0.548267	-1.82393	0.00836746	0.370394	-2.69983	0.152091	0.636176	-1.57189	0.0374928	0.490866	-2.03722
cg10776533	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0259912	0.324754	0.721504	-1.38599	0.940441	1.02428	1.02428	0.340368	0.729496	-1.37081	0.578948	1.19713	1.19713	0.0603973	0.506736	-1.97341
cg24284087	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0264108	0.0475326	0.833809	-1.19932	0.695406	1.03206	1.03206	0.125555	1.14218	1.14218	0.224336	0.902708	-1.10778	0.326152	0.921921	-1.08469
cg16435077	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0313422	0.0150125	0.354047	-2.82448	0.832996	0.92929	-1.07609	0.030582	0.413778	-2.41676	0.232888	1.5441	1.5441	0.00378191	0.25744	-3.88439
cg14531026	EIF4G1;EIF4G1;SNORD66;EIF4G1;EIF4G1;EIF4G1	0.0146816	0.230785	1.68129	1.68129	0.64305	0.824575	-1.21275	0.0242676	0.329579	-3.03418	0.0396141	2.67387	2.67387	0.00389419	0.200604	-4.98495
cg17373332	EIF4G1;EIF4G1;SNORD66;EIF4G1;EIF4G1;EIF4G1	0.0165521	0.147345	1.14258	1.14258	0.0167233	1.28453	1.28453	0.00927028	1.32717	1.32717	0.320566	1.09197	1.09197	0.346538	0.92026	-1.08665
cg02763146	EIF4G1;SNORD66;EIF4G1;EIF4G1;EIF4G1;EIF4G1	2.03E-05	0.517296	0.927068	-1.07867	0.000900656	1.77373	1.77373	0.00401705	1.56183	1.56183	0.00598836	1.51342	1.51342	1.33E-05	0.349199	-2.86369
cg12023686	EIF4G1;SNORD66;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.00506795	0.893745	1.03741	1.03741	0.000860336	0.252718	-3.95698	0.0144772	0.436865	-2.28904	0.392612	0.786064	-1.27216	0.00178952	0.294775	-3.39242
ch.3.3596501R	EIF4G1;SNORD66;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0359579	?	?	?	0.0933145	0.330121	-3.02919	0.853048	1.11595	1.11595	0.749855	0.827524	-1.20842	?	?	?
cg13190572	EIF4G2;EIF4G2	0.000368372	0.0132958	0.744953	-1.34237	0.673655	0.96016	-1.04149	0.669219	0.959589	-1.04211	0.109461	0.845772	-1.18235	0.543761	1.06076	1.06076
cg10746615	EIF4G2;EIF4G2	0.00340864	0.00498805	0.54605	-1.83133	0.00531531	0.549912	-1.81847	0.595167	1.09124	1.09124	0.57209	0.911238	-1.09741	0.0462083	0.689448	-1.45044
cg20319405	EIF4G2;EIF4G2	0.0304776	0.0464911	0.746806	-1.33904	0.7046	1.04998	1.04998	0.997487	1.0004	1.0004	0.236959	1.17192	1.17192	0.0401578	0.738159	-1.35472
cg11124915	EIF4G2;EIF4G2	0.0495037	0.406838	0.738137	-1.35476	0.992099	0.996463	-1.00355	0.862349	0.939791	-1.06407	0.333963	1.42843	1.42843	0.023972	0.381477	-2.62139
cg07500659	EIF4G2;EIF4G2;SNORD97	0.0104323	0.472173	0.766761	-1.30419	0.807394	1.09276	1.09276	0.936427	1.02939	1.02939	0.11362	0.53516	-1.8686	0.00207957	0.207238	-4.82538
cg11157611	EIF4G3	0.00752709	0.00282275	0.591463	-1.69072	0.694924	1.05161	1.05161	0.791708	1.03437	1.03437	0.0153929	0.684094	-1.46179	0.12268	0.807713	-1.23806
cg16898219	EIF4G3	0.00814106	0.375066	1.12342	1.12342	0.245123	0.856065	-1.16814	0.00168013	0.563218	-1.77551	0.957953	1.00676	1.00676	0.233273	1.17323	1.17323
cg08463298	EIF4G3	0.00866383	0.172641	1.60065	1.60065	0.688475	1.13954	1.13954	0.124076	1.71559	1.71559	0.00258884	0.258417	-3.86972	0.0032876	0.273043	-3.66243
cg02953624	EIF4G3	0.009821	0.0152357	1.96077	1.96077	0.0737219	1.56896	1.56896	0.0643291	0.625253	-1.59935	0.0382551	0.581264	-1.72039	0.326344	0.795368	-1.25728
cg05037270	EIF4G3	0.0103865	0.195511	1.22194	1.22194	0.789375	0.961559	-1.03998	0.0975171	0.766279	-1.30501	0.750753	1.04776	1.04776	0.133375	1.26751	1.26751
cg21384718	EIF4G3	0.0189028	0.001525	0.313945	-3.18527	0.679979	1.11104	1.11104	0.0166066	2.10149	2.10149	0.663579	0.89484	-1.11752	0.796221	1.06791	1.06791
cg22600610	EIF4G3	0.0328048	0.751327	0.928427	-1.07709	0.0147095	0.49588	-2.01662	0.0632759	0.613902	-1.62893	0.449109	1.19743	1.19743	0.888198	0.967675	-1.0334
cg09764780	EIF4G3	0.0480358	0.168453	0.604488	-1.65429	0.390238	0.739354	-1.35253	0.543031	1.23513	1.23513	0.415622	1.33028	1.33028	0.00118735	0.195847	-5.10603
cg07384903	EIF4G3	0.0494896	0.137965	1.55077	1.55077	0.908123	0.968786	-1.03222	0.530605	0.839887	-1.19064	0.10931	1.61544	1.61544	0.188191	1.46671	1.46671
cg12241125	EIF4H;EIF4H	0.000701667	?	?	?	0.391413	1.23032	1.23032	0.00335997	2.56464	2.56464	0.340734	1.26081	1.26081	?	?	?
cg07137043	EIF4H;EIF4H	0.00342676	0.651475	1.09093	1.09093	0.645808	1.09261	1.09261	0.20063	1.29525	1.29525	0.0144454	0.561641	-1.7805	0.392414	1.18256	1.18256
cg07135626	EIF4H;EIF4H	0.00484301	0.404194	1.12999	1.12999	0.0471297	1.38439	1.38439	0.125843	1.26762	1.26762	0.181413	0.816176	-1.22523	0.962696	1.00672	1.00672
cg26311610	EIF4H;EIF4H	0.00899058	0.0829209	0.418667	-2.38853	0.9651	1.02004	1.02004	0.35031	0.646655	-1.54642	0.0721717	2.48438	2.48438	0.0145633	0.255499	-3.91391
cg00482248	EIF4H;EIF4H	0.0213938	0.00646691	0.502499	-1.99005	0.0894917	1.43893	1.43893	0.428503	1.17012	1.17012	0.00655621	0.503398	-1.9865	0.0758795	0.681146	-1.46811
cg19201856	EIF4H;EIF4H	0.0226462	0.431714	0.878908	-1.13778	0.00138645	2.10765	2.10765	0.00789477	1.72998	1.72998	0.876874	1.02525	1.02525	0.594061	1.09038	1.09038
cg07915634	EIF4H;EIF4H	0.0261357	0.391242	0.918862	-1.0883	0.707821	1.03693	1.03693	0.0309504	1.27638	1.27638	0.0472611	1.24442	1.24442	0.185989	0.873651	-1.14462
cg26780321	EIF4H;EIF4H	0.0274791	0.171604	0.836389	-1.19562	0.572575	1.0725	1.0725	0.0232522	1.3951	1.3951	0.774383	1.03591	1.03591	0.0322853	1.36037	1.36037
cg07213289	EIF4H;EIF4H	0.0278256	0.0571237	0.362632	-2.75761	0.00135412	0.111587	-8.96161	0.0192277	0.26321	-3.79924	0.539962	0.746455	-1.33966	0.105552	0.434602	-2.30096
cg09280288	EIF4H;EIF4H	0.0353134	0.00697583	0.301235	-3.31967	0.175609	1.64076	1.64076	0.565509	1.22108	1.22108	0.40647	0.746787	-1.33907	0.0145716	0.355422	-2.81356
cg05435581	EIF4H;EIF4H	0.0360538	0.643327	0.957807	-1.04405	0.91028	1.01048	1.01048	0.0831724	0.837504	-1.19402	0.569689	1.05455	1.05455	0.549569	1.05757	1.05757
cg13353389	EIF4H;EIF4H	0.0396183	0.0985682	0.332591	-3.00669	0.00601163	0.112874	-8.85942	0.0169796	0.170477	-5.86588	0.478261	0.645245	-1.5498	0.114125	0.351881	-2.84187
cg04102916	EIF4H;MIR590;EIF4H	0.0444501	0.243957	0.797975	-1.25317	0.565071	1.11368	1.11368	0.00237639	0.456418	-2.19097	0.580978	0.901941	-1.10872	0.552771	1.11759	1.11759
cg22388943	EIF5;EIF5	0.00552472	0.574116	0.895602	-1.11657	0.00518865	2.04699	2.04699	0.00585612	2.01463	2.01463	0.0356496	0.622012	-1.60769	0.0308508	0.611226	-1.63606
cg05309651	EIF5;EIF5	0.00849215	0.746442	0.948834	-1.05393	0.713957	1.06141	1.06141	0.106153	0.751507	-1.33066	0.250852	0.823461	-1.21439	0.000217236	0.368377	-2.71461
cg19612634	EIF5;EIF5	0.0130253	0.363617	1.2578	1.2578	0.128744	1.49679	1.49679	0.970187	0.990861	-1.00922	0.0107148	0.454801	-2.19876	0.488973	1.18849	1.18849
cg02198017	EIF5;EIF5	0.020625	?	?	?	0.00838862	1.5614	1.5614	0.373682	0.886183	-1.12844	0.199945	0.835969	-1.19622	0.755002	0.959426	-1.04229
cg00708642	EIF5;EIF5;EIF5	0.0320291	0.49242	0.909927	-1.09899	0.546187	1.0862	1.0862	0.456122	1.10823	1.10823	0.0480304	0.736403	-1.35795	0.0620157	1.32908	1.32908
cg05340482	EIF5;EIF5;SNORA28	0.0101372	0.015557	0.569942	-1.75457	0.000948865	0.393098	-2.54389	0.463534	0.868151	-1.15187	0.0428747	0.642989	-1.55524	0.117273	0.724407	-1.38044
cg18713221	EIF5;EIF5;SNORA28	0.0163637	0.0598731	1.85076	1.85076	0.00610916	2.82261	2.82261	0.0254516	2.15976	2.15976	0.0166852	2.33335	2.33335	0.456343	1.24603	1.24603
cg22915107	EIF5;SNORA28;EIF5	0.0281033	0.792951	1.06474	1.06474	0.331855	1.26964	1.26964	0.154936	1.43761	1.43761	0.0744875	1.60615	1.60615	0.943777	0.983322	-1.01696
cg07728092	EIF5A2	6.15E-05	0.488954	1.06599	1.06599	8.56E-06	0.414725	-2.41124	0.0016257	0.663326	-1.50756	0.813635	1.0217	1.0217	7.24E-06	0.406568	-2.45961
cg08438920	EIF5A2	0.00112385	0.00129351	0.344574	-2.90214	0.892415	0.969713	-1.03123	0.0387143	0.580373	-1.72303	0.627841	0.894917	-1.11742	4.83E-05	0.175964	-5.68298
cg16450309	EIF5A2	0.00383247	0.000468848	39.2117	39.2117	0.110025	3.19743	3.19743	0.121208	3.0687	3.0687	0.010727	8.49609	8.49609	0.42559	0.581048	-1.72103
cg04799778	EIF5A2	0.00818886	0.146716	0.741984	-1.34774	0.0410558	0.636558	-1.57095	0.00195832	0.432243	-2.31351	0.713382	0.931755	-1.07324	0.211955	0.777307	-1.28649

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20385110	0.128063	1.37484	1.37484	0.00245321	0.442467	-2.26005	0.56981	0.89481	-1.11756	0.275055	1.24575	1.24575	6.55437	3.88685	0.527125	1
cg25848520	0.231977	0.757033	-1.32095	0.635476	0.899397	-1.11186	0.0181614	1.89063	1.89063	0.279003	0.778862	-1.28392	4.95747	3.87104	0.694088	1
cg01796511	0.153428	1.27933	1.27933	0.470265	1.12567	1.12567	0.134213	0.77084	-1.29729	0.913408	0.982623	-1.01768	4.38812	1.80495	0.365624	1
cg22647900	0.183543	0.771206	-1.29667	0.143162	1.33604	1.33604	0.0354882	1.56949	1.56949	0.221016	1.26729	1.26729	4.26893	2.2921	0.477268	1
cg24441068	0.082086	0.83388	-1.19921	0.127917	0.856234	-1.16791	0.00100403	0.630973	-1.58485	0.427925	1.07931	1.07931	3.9736	0.559672	0.125198	1
cg25505610	0.94969	1.00957	1.00957	0.94939	1.00962	1.00962	0.684972	0.94031	-1.06348	0.00969426	1.63854	1.63854	3.51932	1.26917	0.320559	1
cg20501069	0.0391368	0.691826	-1.44545	0.000152933	3.25528	3.25528	?	?	?	0.00894068	1.704	1.704	59.2459	14.8381	0.214671	1
cg05038977	0.0248542	0.727364	-1.37483	0.00543793	0.646638	-1.54646	0.590835	1.06683	1.06683	0.151503	1.20103	1.20103	4.88671	1.09967	0.200028	1
cg27075175	0.28375	0.85768	-1.16594	0.360331	1.13842	1.13842	0.785044	0.963011	-1.03841	0.975117	1.00431	1.00431	3.45681	1.04046	0.267546	1
cg21240492	0.0721698	0.642814	-1.55566	0.518315	0.865716	-1.15511	0.218492	0.75201	-1.32977	0.202169	0.743399	-1.34517	7.51618	5.77187	0.6826	1
cg00004421	0.00434828	0.321004	-3.11523	0.102029	0.586436	-1.70522	0.611945	1.16481	1.16481	0.0336205	0.477078	-2.09609	4.68679	6.60099	1.25193	1
cg01623657	0.00613994	0.625707	-1.59819	0.00147181	0.547746	-1.82566	0.128938	0.806405	-1.24007	0.0494401	0.745263	-1.34181	9.37239	2.55271	0.242102	1
cg05641843	0.0201894	0.306736	-3.26013	0.0230876	0.317873	-3.14591	0.411525	0.701716	-1.42508	0.0198806	0.305479	-3.27355	5.39374	15.2019	2.50527	1
cg07421515	0.137177	1.20692	1.20692	0.000250677	2.03297	2.03297	0.55036	0.93148	-1.07356	0.31107	0.884163	-1.13101	8.11436	1.77336	0.194263	1
cg01477797	0.0563689	0.724783	-1.37972	0.777103	0.958598	-1.04319	0.0837669	1.32989	1.32989	0.00220972	0.527795	-1.89467	8.07648	2.83898	0.312455	1
cg05652328	0.000156266	0.570884	-1.75167	0.107659	0.858935	-1.16423	0.000112148	1.80037	1.80037	0.000714656	0.640028	-1.56243	25.9784	3.08642	0.105606	1
cg04510815	0.00010798	0.134443	-7.43808	0.00170893	0.268058	-3.73053	0.572761	1.18239	1.18239	0.00114526	0.245234	-4.07773	13.387	18.3232	1.21665	1
cg24014629	0.0171993	1.39111	1.39111	0.0333377	1.32684	1.32684	0.0203187	1.37451	1.37451	0.00722309	0.674219	-1.4832	11.3679	2.32803	0.182035	1
cg02346901	0.0234513	1.83581	1.83581	0.916263	1.02388	1.02388	0.00279782	2.52056	2.52056	0.249092	1.31041	1.31041	7.58261	6.04783	0.708971	1
cg16547235	0.0280808	1.599	1.599	0.0260121	1.61292	1.61292	0.0337628	1.56607	1.56607	0.0740177	0.697493	-1.43371	6.17837	3.20359	0.460905	1
cg12153480	0.735396	1.05365	1.05365	0.0226183	0.656693	-1.52278	0.0103361	1.64492	1.64492	0.570899	0.915549	-1.09224	9.58923	3.60443	0.334118	1
cg03466093	0.337158	0.672276	-1.48748	8.19E-05	0.0579044	-17.2698	0.862953	1.07179	1.07179	0.0512326	0.410316	-2.43715	9.06908	23.1292	2.26697	1
cg26687567	0.32188	0.931934	-1.07304	0.00255073	0.749511	-1.3342	0.00956842	0.79771	-1.25359	0.0620151	0.865244	-1.15574	5.13562	0.385945	0.0668006	1
cg17846621	0.24788	0.810656	-1.23357	0.146719	1.31081	1.31081	0.763015	0.763015	-1.31059	0.0901968	0.722915	-1.38329	11.7911	5.63836	0.425054	1
cg24585782	0.00407768	0.395809	-2.52647	0.0131265	0.477342	-2.09493	0.0306044	1.84186	1.84186	0.0110543	0.464763	-2.15163	7.6309	6.98637	0.813811	1
cg14228980	0.0145	0.367052	-2.72441	0.216001	0.648378	-1.54231	0.0895	0.536339	-1.86449	0.000281167	0.138631	-7.21339	6.64584	11.655	1.55887	1
cg26213496	0.133331	0.475046	-2.10506	?	?	?	0.00089876	0.0893956	-11.1862	0.664733	0.820137	-1.21931	7.0972	20.1876	2.48889	1
cg21954542	0.527875	0.89766	-1.11401	0.00113661	0.445714	-2.24359	0.726377	1.0611	1.0611	0.434284	0.873999	-1.14417	4.67638	2.11051	0.401166	1
cg22375009	0.436885	1.14456	1.14456	0.0703809	1.41103	1.41103	0.633936	1.0851	1.0851	0.111539	0.744478	-1.34322	3.67629	1.68753	0.408026	1
cg04557032	0.000656158	0.615729	-1.62409	0.00224949	1.48766	1.48766	0.0722644	0.830009	-1.20481	0.128713	1.16474	1.16474	22.3363	3.05176	0.121447	1
cg11285998	0.0530599	0.713339	-1.40186	0.0102164	0.607977	-1.6448	0.0467044	0.704708	-1.41903	0.54327	1.09917	1.09917	6.00023	2.24414	0.332452	1
cg19243391	0.848865	0.941755	-1.06185	0.0204143	0.415202	-2.40847	0.835386	1.06764	1.06764	0.523007	1.22583	1.22583	4.93103	7.72718	1.39294	1
cg22812972	?	?	?	0.597031	1.38954	1.38954	0.891949	1.08741	1.08741	0.00102472	0.0497327	-20.1075	3.62602	19.4076	5.35231	1
cg11118566	0.0474027	2.36004	2.36004	0.731205	1.13945	1.13945	0.969975	0.985852	-1.01435	0.510058	1.28784	1.28784	3.8344	8.70356	2.01766	1
cg08158719	0.649246	0.910836	-1.09789	0.000501509	0.329562	-3.03433	0.928032	0.981743	-1.0186	0.173105	0.744027	-1.34404	4.57747	3.01597	0.585665	1
cg08399929	0.923557	0.979356	-1.02108	0.000335879	0.284552	-3.5143	0.389406	0.825547	-1.21132	0.679172	1.09461	1.09461	4.72613	3.53609	0.665066	1
cg01228342	0.705083	0.90159	-1.10915	0.00103489	3.75844	3.75844	0.139922	1.54145	1.54145	0.901313	1.03438	1.03438	3.52686	4.14642	1.04504	1
cg09429735	0.493994	1.12365	1.12365	0.00595987	1.82844	1.82844	0.598168	1.09337	1.09337	0.0657586	0.707119	-1.41419	15.7615	7.03212	0.396584	1
cg15037823	0.687753	0.842078	-1.18754	0.0925151	2.19816	2.19816	0.0174946	3.42264	3.42264	0.600502	0.798679	-1.25207	6.51665	18.68	2.548	1
cg23333146	0.933007	1.02538	1.02538	0.006276	2.8901	2.8901	0.0393073	2.03546	2.03546	0.0942494	0.577915	-1.73036	5.30383	7.46253	1.25068	1
cg18306788	0.927718	1.02487	1.02487	0.129415	1.55818	1.55818	0.378963	1.27678	1.27678	0.388864	0.787375	-1.27004	4.79354	5.56321	1.03161	1
cg14612785	0.486907	0.888314	-1.12573	0.00256338	0.496	-2.01613	0.159794	1.28638	1.28638	0.404688	1.15367	1.15367	4.45322	1.98249	0.395716	1
cg01454951	0.674852	0.896304	-1.11569	0.0414287	0.543215	-1.84089	0.144565	1.50176	1.50176	0.139783	0.662142	-1.51025	4.32147	4.60813	0.947853	1
cg22631938	0.959699	0.974561	-1.0261	0.00921305	0.185309	-5.39638	0.0153108	4.56359	4.56359	0.527455	0.721462	-1.38607	4.58682	18.8896	3.66066	1
cg04864586	0.28726	0.845936	-1.18212	0.0161673	1.56133	1.56133	0.818613	1.03539	1.03539	0.627453	0.928621	-1.07687	6.84771	2.48662	0.322784	1
cg17031926	0.190626	0.810242	-1.2342	0.000867291	0.468202	-2.13583	0.0087292	1.66083	1.66083	0.188346	0.809259	-1.2357	13.3797	4.88512	0.324546	1
cg12635606	0.000313695	0.324624	-3.08049	0.628288	0.910323	-1.09851	0.104303	1.40774	1.40774	0.0669386	0.673328	-1.48516	11.3323	6.65688	0.522156	1
cg02721858	0.86121	0.966082	-1.03511	0.0494489	1.55592	1.55592	0.51038	0.876643	-1.14072	0.0219458	0.581579	-1.71946	4.33756	2.67098	0.547361	1
cg21341586	0.412712	0.646592	-1.54657	0.00044789	0.05598	-17.8635	0.000352377	0.0503301	-19.8688	0.00271063	0.115709	-8.64238	11.5689	49.67	3.81635	1
cg15633390	0.166962	0.404232	-2.47382	0.000372899	0.0302147	-33.0965	0.00237712	0.0739438	-13.5238	0.00327726	0.085127	-11.7472	10.141	60.6981	5.32036	1
cg11037477	0.416669	0.69693	-1.43487	0.000824393	0.111753	-8.94828	0.0020142	0.15028	-6.65426	0.133953	0.495072	-2.01991	6.4553	19.3438	2.66363	1
cg20236533	0.761804	1.05852	1.05852	0.00035275	0.341668	-2.92681	0.14868	0.748419	-1.33615	0.160508	1.32376	1.32376	5.77742	3.2027	0.492754	1
cg14972143	0.122705	0.430595	-2.32237	0.000905293	0.0820104	-12.1936	0.00779171	0.178866	-5.59078	0.149903	0.459468	-2.17643	5.34884	21.5011	3.57313	1
cg18160135	0.381771	0.620855	-1.61068	0.00407332	0.128898	-7.75807	0.00584868	0.147008	-6.80237	0.0190635	0.221384	-4.51704	4.96599	22.207	3.97495	1
cg12527684	0.127062	0.373941	-2.67422	0.00300834	0.0884861	-11.3012	0.00910176	0.138715	-7.209	0.0721849	0.302346	-3.30747	4.43958	24.9842	5.00231	1
cg21554861	0.142364	0.535846	-1.86621	0.00458848	0.224738	-4.44963	0.0148916	0.305806	-3.27005	0.0402384	0.391571	-2.55381	4.22173	10.4647	2.20336	1
cg04217082	1.69E-05	0.161119	-6.20658	1.26E-06	0.0759647	-13.164	1.03E-06	0.0709471	-14.095	1.99E-05	0.167848	-5.95776	65.645	44.3875	0.601044	1
cg02138124	0.0152698	0.560202	-1.78507	0.000140277	0.278364	-3.59242	0.563937	1.12016	1.12016	0.00127887	0.401073	-2.49331	14.013	8.39809	0.532717	1
cg00354863	0.597939	1.17732	1.17732	0.0384722	0.47926	-2.08655	0.647577	0.868335	-1.15163	0.00479482	0.317207	-3.15251	9.11312	13.5799	1.32457	1
cg22545112	0.639311	1.07139	1.07139	0.000357403	0.433025	-2.30934	0.0814069	0.754127	-1.32604	0.019225	0.661139	-1.51254	9.03776	3.05509	0.300477	1
cg09188300	0.296332	1.42905	1.42905	0.883083	0.952641	-1.04971	0.41618	0.760347	-1.31519	0.230137	0.660276	-1.51452	7.68514	13.2307	1.5303	1
cg22728323	0.0422483	0.682995	-1.46414	0.22244	0.811444	-1.23237	0.164099	1.27372	1.27372	0.884978	0.976688	-1.02387	5.06988	2.13226	0.373845	1
cg17887364	0.622804	1.08278	1.08278	0.792088	0.958506	-1.04329	0.278646	0.834683	-1.19806	0.011854	0.604128	-1.65528	3.82694	1.55972	0.362279	1
cg21815479	0.0870576	0.658095	-1.51954	0.109725	1.47123	1.47123	0.0852413	1.52399	1.52399	0.30367	1.26605	1.26605	3.5246	2.43296	0.690279	1
cg03613132	0.872851	0.970876	-1.03	0.44539	0.866271	-1.15437	0.821543	1.04257	1.04257	0.273426	1.23409	1.23409	3.45064	1.86113	0.479431	1
cg05523877	0.195305	0.856248	-1.16789	5.56E-06	0.312835	-3.19658	0.060596	0.786853	-1.27089	0.000155194	0.479953	-2.08354	21.3602	4.34305	0.180732	1
cg16448037	0.000289944	0.269411	-3.7118	0.000282477	0.268041	-3.73077	0.0672194	0.634382	-1.57634	0.000470627	0.295445	-3.38472	19.614	15.2932	0.693075	1
cg16765897	0.000152654	0.219353	-4.55886	0.618062	0.889207	-1.1246	0.146317	0.694703	-1.43946	0.555645	1.14941	1.14941	6.31936	5.4617	0.76825	1
cg00320645	0.270136	0.75111	-1.33136	0.302781	0.76639	-1.30482	0.184251	1.42057	1.42057	0.0235304	0.509563	-1.96247	5.85224	5.75823	0.87461	1
cg12230010	0.0184606	1.22181	1.22181	0.000784297	0.700525	-1.4275	0.595449	1.03828	1.03828	0.936137	1.00563	1.00563	4.63105	0.360366	0.069169	1
cg15711028	0.872754	1.04415	1.04415	0.435819	0.807092	-1.23902	0.861202	1.04831	1.04831	0.00301259	0.334092	-2.99319	4.16437	4.79276	1.02302	1
cg12565250	0.0495493	0.265658	-3.76423	0.122184	0.371201	-2.69396	0.14334	0.394417	-2.53539	0.130074	0.380097	-2.6309	3.97505	22.0325	4.92684	1
cg24877964	0.615833	1.14974	1.14974	0.0954686	1.65725	1.65725	0.651621	0.882179	-1.13356	0.807213	0.934793	-1.06976	3.86533	4.65681	1.0709	1
cg20621021	0.0885116	0.610603	-1.63772	0.0400989	0.536484	-1.86399	0.289398	1.33467	1.33467	0.33527	1.29803	1.29803	3.50105	3.39668	0.970188	1
cg07124173	?	?	?	0.00112363	8.25502	8.25502	0.00172012	6.59922	6.59922	0.0629521	1.90755	1.90755	18.9616	14.7057	0.443171	1
cg26131493	0.434859	1.04681	1.04681	0.710089	1.02167	1.02167	0.867259	1.00965	1.00965	0.350185	0.946286	-1.05676	5.30063	0.276725	0.0464054	1
cg17853833	0.811141	1.03035	1.03035	0.276204	0.868086	-1.15196	0.790949	0.967363	-1.03374	0.632212	0.941552	-1.06208	6.14608	1.51843	0.219606	1
cg11789795	0.353638	0.855947	-1.1683	0.17407	0.790035	-1.26577	0.49038	0.892092	-1.12096	0.343416	0.852929	-1.17243	5.00388	2.10526	0.373978	1
cg00969153	0.0220339	0.440314	-2.27111	0.0012781	0.245871	-4.06717	0.445711	0.792802	-1.26135	0.227823	0.685155	-1.45952	3.73361	5.27536	1.25595	1
cg10129547	5.18E-05	0.258518	-3.8682	0.0268625	0.625946	-1.59758	0.13499	0.749818	-1.33366	0.335811	1.19404	1.19404	9.34872	4.72752	0.449499	1
cg02737321	0.00680531	0.556371	-1.79736	0.84736	0.96829	-1.03275	0.000334632	0.380046	-2.63126	0.00444836	0.530181	-1.88615	11.3897	5.04374	0.39363	1
cg23504634	?	?	?	?	?	?	0.0728726	0.648202	-1.54273	0.00271941	0.230236	-4.34337	99.0921	25.2499	0.127406	1
cg19946376	0.0413351	0.451661	-2.21405	0.000792006	0.180429	-5.54235	0.608931	1.19039	1.19039	0.00409363	0.272237	-3.67328	6.11489	11.0482	1.60601	1
cg12369869	0.0242567	0.324756	-3.07923	0.00882679	0.247565	-4.03935	0.222873	1.70976	1.70976	0.0583286	0.408258	-2.44943	4.06977	11.3023	2.46857	1
cg25382032	0.139253	0.587214	-1.70296	0.0123381	0.352623	-2.83589	0.263354	1.47711	1.47711	0.021727	0.397842	-2.51356	3.47677	6.1628	1.57561	1
cg12975539	2.45E-06	0.236695	-4.22485	0.0024759	0.588346	-1.69968	0.980224	0.99688	-1.00313	0.0509514	0.755543	-1.32355	17.3882	4.37758	0.223783	1
cg22978515	0.654354	0.889961	-1.12364	0.000179707	0.193862	-5.15831	0.00120271	3.41125	3.41125	0.760828	0.924062	-1.08218	11.2348	11.9069	0.942063	1
cg19251857	0.0310172	1.5469	1.5469	0.094091	1.37321	1.37321	0.7045	1.06785	1.06785	0.010443	1.74275	1.74275	6.01138	2.82632	0.417922	1
cg08822118	0.0157165	0.417826	-2.39334	0.00815717	0.368563	-2.71324	0.247934	1.42771	1.42771	0.180632	0.657661	-1.52054	4.64154	6.38814	1.22338	1
cg10776533	0.0451275	0.478131	-2.09148	0.0051159	0.305031	-3.27836	0.0134653	2.66992	2.66992	0.749481	0.902274	-1.10831	4.29858	7.01463	1.45053	1
cg24284087	0.483017	0.944435	-1.05883	0.00248653	0.713814	-1.40092	0.015643	0.788489	-1.26825	0.605592	1.04266	1.04266	4.27458	0.435348	0.0905296	1
cg16435077	0.459609	0.769899	-1.29887	0.212045	0.633465	-1.57862	0.35381	1.39281	1.39281	0.229534	0.645402	-1.54942	4.02364	7.68653	1.69808	1
cg14531026	0.0580601	0.412552	-2.42394	0.0344758	0.360868	-2.77109	0.782878	0.892106	-1.12094	0.0427574	0.381396	-2.62195	5.21755	14.1155	2.4048	1
cg17373332	0.380004	0.925705	-1.08026	0.00437629	1.38579	1.38579	0.128439	0.868602	-1.15128	0.564266	0.951264	-1.05123	5.014	0.583581	0.103458	1
cg02763146	3.82E-05	0.402055	-2.48722	6.23E-05	0.426953	-2.34218	0.0857135	0.803252	-1.24494	0.00167831	0.595626	-1.67891	33.7309	7.1083	0.187321	1
cg12023686	0.00575548	0.369825	-2.70398	0.0237007	0.476053	-2.10061	0.867767	0.955232	-1.04687	0.0138901	0.43369	-2.3058	7.3084	8.74455	1.06356	1
ch.3.3596501R	0.00140644	0.0545507	-18.3316	0.95707	0.968657	-1.03236	0.697854	1.25979	1.25979	0.982994	1.01269	1.01269	4.333	18.2842	4.21974	1
cg13190572	0.261507	1.11895	1.11895	3.73E-06	0.354276	-2.82266	0.450211	0.928813	-1.07664	0.756534	0.970591	-1.0303	15.549	2.26873	0.129696	1
cg10746615	0.000132983	0.340073	-2.94054	0.41264	0.872518	-1.14611	0.750723	1.05326	1.05326	0.046401	0.689738	-1.44983	8.23872	3.45874	0.373169	1
cg20319405	0.71259	1.04851	1.04851	0.055143	0.757008	-1.32099	0.00516584	1.6044	1.6044	0.94562	0.991304	-1.00877	4.06395	1.05511	0.230779	1
cg11124915	0.649859	1.17766	1.17766	0.00488185	0.263151	-3.8001	0.156087	0.581027	-1.72109	0.0358185	0.417313	-2.39628	3.401	6.89669	1.80253	1
cg07500659	0.0376835	0.416653	-2.40008	0.00121851	0.179232	-5.57935	0.813047	0.917558	-1.08985	0.0122455	0.321967	-3.10591	5.83103	12.1802	1.85676	1
cg11157611	0.0156154	1.46008	1.46008	0.105594	1.25322	1.25322	0.943712	1.00906	1.00906	0.00921939	0.655729	-1.52502	6.4667	1.66947	0.229479	1
cg16898219	0.276514	1.15568	1.15568	0.00222602	1.72917	1.72917	0.813085	0.970175	-1.03074	0.0473926	1.33637	1.33637	6.30933	1.63281	0.230039	1
cg08463298	0.0622424	0.506468	-1.97446	0.0399729	0.463269	-2.15857	0.0322487	0.443634	-2.25411	0.822687	0.929839	-1.07545	6.18655	10.2923	1.47881	1
cg02953624	0.735521	1.07961	1.07961	0.00517559	0.434334	-2.30237	0.45364	0.841585	-1.18823	0.0104943	0.483036	-2.07024	5.94484	4.80614	0.718628	1
cg05037270	0.0011977	2.00368	2.00368	0.00163834	1.93537	1.93537	0.976359	0.995671	-1.00435	0.604437	1.07952	1.07952	5.83927	1.98251	0.30179	1
cg21384718	0.888625	1.03621	1.03621	0.022184	0.49852	-2.00594	0.704529	0.907809	-1.10155	0.539905	0.85424	-1.17063	4.79537	4.89492	0.907342	1
cg22600610	0.0211299	1.9111	1.9111	0.0254741	1.85933	1.85933	0.640125	0.895841	-1.11627	0.308722	0.781849	-1.27902	3.95848	3.42096	0.768187	1
cg09764780	0.941678	1.02541	1.02541	0.334289	0.710661	-1.40714	0.682151	1.1517	1.1517	0.253648	0.664378	-1.50517	3.44	6.40979	1.65628	1
cg07384903	0.0463866	1.87147	1.87147	0.00860944	0.398405	-2.51001	0.78377	1.07848	1.07848	0.127454	1.5726	1.5726	3.40137	4.06452	1.06219	1
cg12241125	4.62E-05	0.162657	-6.14789	0.597697	0.881874	-1.13395	0.29131	1.29495	1.29495	0.121172	1.48688	1.48688	13.711	9.41062	0.784408	1
cg07137043	0.750361	1.06299	1.06299	0.708918	0.930746	-1.07441	0.00548095	0.497104	-2.01165	0.000147707	0.286843	-3.48622	8.22567	4.77169	0.515642	1
cg07135626	0.956231	0.992173	-1.00789	0.000110821	0.377703	-2.64759	0.981268	1.00337	1.00337	0.815636	1.03401	1.03401	7.41035	2.4058	0.288581	1
cg26311610	0.385815	0.668206	-1.49654	0.0121573	0.24239	-4.12559	0.0033179	6.13081	6.13081	0.0667723	0.393766	-2.53958	6.11441	19.9131	2.89489	1
cg00482248	0.0437248	0.637243	-1.56926	0.187187	0.762069	-1.31222	0.917815	0.980139	-1.02026	0.173238	0.754527	-1.32533	4.59774	2.75092	0.531839	1
cg19201856	0.458094	1.12923	1.12923	0.727971	1.05777	1.05777	0.914265	1.01747	1.01747	0.0232051	1.54727	1.54727	4.50886	1.84755	0.364231	1
cg07915634	0.0181961	1.3181	1.3181	0.275286	0.896433	-1.11553	0.0604293	0.815493	-1.22625	0.0416333	1.25389	1.25389	4.29026	0.630493	0.13063	1
cg26780321	0.0237535	1.39281	1.39281	0.0208508	0.710776	-1.40691	0.106172	1.24185	1.24185	0.982492	1.0027	1.0027	4.21555	1.00612	0.212151	1
cg07213289	0.208012	0.534926	-1.86942	0.0376357	0.320936	-3.11589	0.622817	1.2632	1.2632	0.438064	0.688814	-1.45177	4.19701	14.7639	3.12686	1
cg09280288	0.0571783	0.47721	-2.09551	0.424192	1.32395	1.32395	0.823328	0.925999	-1.07991	0.253605	1.50669	1.50669	3.85467	7.21649	1.66413	1
cg05435581	0.617454	0.954515	-1.04765	0.000955843	1.57615	1.57615	0.385505	1.08573	1.08573	0.764218	0.972574	-1.0282	3.82576	0.517853	0.12032	1
cg13353389	0.207603	0.445953	-2.24239	0.149061	0.3905	-2.56082	0.0774287	3.29662	3.29662	0.521961	0.674075	-1.48351	3.69616	21.6195	5.19928	1
cg04102916	0.222982	0.788945	-1.26752	0.113284	1.37581	1.37581	0.820952	0.958903	-1.04286	0.150969	1.32966	1.32966	3.54178	1.92244	0.482479	1
cg22388943	0.0436724	0.637438	-1.56878	0.134727	0.731163	-1.36768	0.0543745	1.52787	1.52787	0.165783	1.33241	1.33241	7.11775	4.25016	0.530775	1
cg05309651	0.052936	1.42775	1.42775	0.624834	1.08306	1.08306	0.789911	0.957691	-1.04418	0.0937768	0.742049	-1.34762	6.22584	2.58429	0.36897	1
cg19612634	0.00221201	0.348677	-2.86798	0.040971	1.78508	1.78508	0.106143	0.648224	-1.54268	0.309093	0.772132	-1.29512	5.4267	5.1871	0.849641	1
cg02198017	0.0905658	0.781343	-1.27985	0.00838764	0.640444	-1.56142	0.088616	0.779932	-1.28216	0.289021	1.15677	1.15677	4.73966	1.16825	0.246483	1
cg00708642	0.43851	1.11291	1.11291	0.254366	1.17484	1.17484	0.0017527	1.82902	1.82902	0.329229	1.14606	1.14606	3.99258	1.15906	0.258047	1
cg05340482	0.00202013	0.438122	-2.28247	0.273006	0.805586	-1.24133	0.0794505	0.691485	-1.44616	0.0193102	0.584972	-1.70948	5.8849	3.34685	0.505528	1
cg18713221	0.469043	1.23811	1.23811	0.0308357	2.0859	2.0859	0.00184999	3.60195	3.60195	0.0455979	1.94379	1.94379	5.03318	6.70153	1.18353	1
cg22915107	0.00861735	0.449879	-2.22282	0.0139117	0.484544	-2.0638	0.139862	1.46052	1.46052	0.226883	0.738941	-1.35329	4.18235	3.76649	0.800505	1
cg07728092	0.0823943	0.839538	-1.19113	0.179249	1.13848	1.13848	0.196293	1.13225	1.13225	0.655362	0.959985	-1.04168	25.2037	3.29859	0.116335	1
cg08438920	0.389035	1.22217	1.22217	0.0311389	1.77695	1.77695	0.975799	0.993129	-1.00692	0.079767	0.642817	-1.55565	11.3826	9.31184	0.727182	1
cg16450309	0.0758966	0.267626	-3.73656	0.0137498	7.63352	7.63352	0.0641345	4.00763	4.00763	0.00432563	12.7439	12.7439	7.9543	56.0947	6.26855	1
cg04799778	0.816524	1.04554	1.04554	0.000900358	0.385994	-2.59072	0.146529	1.34795	1.34795	0.0530078	0.656206	-1.52391	6.2977	3.66142	0.516791	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27555382	EIF5A2	0.0233806	0.39779	1.21972	1.21972	0.125824	0.683856	-1.4623	0.190028	0.7273	-1.37495	0.350226	0.802047	-1.24681	0.536321	0.866184	-1.15449
cg10541755	EIF5A2	0.0253085	0.502367	0.930905	-1.07422	0.474687	1.07946	1.07946	0.0354297	1.29379	1.29379	0.0591496	0.799245	-1.25118	0.691024	1.04291	1.04291
cg06749174	EIF5A2	0.0330075	0.08038	1.501	1.501	0.616471	0.899658	-1.11153	0.825617	0.954846	-1.04729	0.130133	0.710112	-1.40823	0.748646	1.06964	1.06964
cg17807528	EIF5A2	0.0390119	0.0800799	1.78236	1.78236	0.475944	1.24077	1.24077	0.170781	1.54356	1.54356	0.643286	0.870405	-1.14889	0.487714	0.810722	-1.23347
cg02008818	EIF5A2	0.047466	0.137941	0.534979	-1.86923	0.0614592	0.438225	-2.28194	0.590831	0.808535	-1.2368	0.608725	0.816951	-1.22406	0.00600625	0.245148	-4.07918
cg03098447	EIF5A;EIF5A;EIF5A	0.00415841	0.0655117	0.725772	-1.37784	0.000108783	2.87843	2.87843	0.562015	0.913104	-1.09517	0.105356	1.31567	1.31567	0.200698	0.810942	-1.23313
cg02266539	EIF5A;EIF5A;EIF5A	0.00835715	0.00103792	0.178201	-5.61165	0.824867	0.924315	-1.08188	0.00614401	0.280973	-3.55906	0.455215	1.31009	1.31009	0.00191634	0.210085	-4.75997
cg25340515	EIF5A;EIF5A;EIF5A;EIF5A	0.015305	0.124539	1.24314	1.24314	0.0725539	0.769354	-1.29979	0.296721	1.1521	1.1521	0.101048	1.26493	1.26493	0.0357282	1.3769	1.3769
cg14105952	EIF5A;EIF5A;EIF5A;EIF5A	0.0181861	0.0051399	0.492087	-2.03216	0.187475	1.30738	1.30738	0.139239	1.35708	1.35708	0.109335	0.715354	-1.39791	0.0568613	0.661324	-1.51212
cg07306232	EIF5A;EIF5A;EIF5A;EIF5A;EIF5A	0.00198027	0.117989	0.777569	-1.28606	0.0669708	0.737612	-1.35573	0.320027	0.858737	-1.1645	0.0111257	0.623935	-1.60273	0.011338	0.625071	-1.59982
cg26342734	EIF5A;EIF5A;EIF5A;EIF5A;EIF5A	0.0262387	0.0632556	1.42783	1.42783	0.364338	1.17225	1.17225	0.159463	1.29218	1.29218	0.0212745	1.60318	1.60318	0.170478	0.77968	-1.28258
cg22529822	EIF5AL1	0.00510773	0.00140087	0.278204	-3.59449	0.759559	1.08858	1.08858	0.00625193	0.373373	-2.67829	0.258766	0.721972	-1.3851	0.000532317	0.225157	-4.44135
cg15397416	EIF5AL1;EIF5AL1	0.0072131	0.130577	0.783222	-1.27678	0.0109487	1.61263	1.61263	0.63957	1.07314	1.07314	0.0673268	0.735789	-1.35908	0.505713	0.903878	-1.10634
cg01430870	EIF5B	0.0286216	0.0583717	0.72793	-1.37376	0.189098	1.22942	1.22942	0.245298	1.19772	1.19772	0.256429	0.838731	-1.19228	0.42513	1.12853	1.12853
cg19391583	EIF5B	0.0337834	0.0229059	1.8694	1.8694	0.016504	0.510028	-1.96068	0.0227897	0.534538	-1.87078	0.452526	0.838695	-1.19233	0.0798874	0.639743	-1.56313
cg13041975	EIF5B;TXNDC9;TXNDC9	0.0171512	?	?	?	0.508627	1.30616	1.30616	0.890422	0.946682	-1.05632	0.0102028	3.80535	3.80535	?	?	?
cg27484876	EIF6;EIF6;EIF6	0.00238663	?	?	?	?	?	?	0.00466379	0.305574	-3.27253	?	?	?	0.0371735	0.502266	-1.99098
cg26493814	EIF6;EIF6;EIF6	0.00351854	0.00213699	0.620655	-1.6112	0.0215333	0.736939	-1.35696	0.020112	0.733436	-1.36345	0.112329	0.826013	-1.21063	0.24061	1.1455	1.1455
cg09543525	EIF6;EIF6;EIF6	0.0201825	0.345844	0.732368	-1.36543	0.0399681	2.1419	2.1419	0.231345	1.49598	1.49598	0.590793	0.840174	-1.19023	0.00177151	0.239729	-4.17138
cg19047340	EIF6;EIF6;EIF6	0.0239754	0.28407	0.710943	-1.40658	0.00894018	2.77183	2.77183	0.04661	2.01086	2.01086	0.43787	1.27456	1.27456	0.0867614	0.55994	-1.78591
cg25040850	ELAC1	0.00853523	0.10991	1.46168	1.46168	0.00265768	0.404391	-2.47286	0.0400988	0.596475	-1.67652	0.856746	1.04015	1.04015	0.0314257	1.73284	1.73284
cg16121470	ELAC1	0.0477626	0.39397	0.819316	-1.22053	0.423199	0.829692	-1.20527	0.716831	1.08669	1.08669	0.227481	0.748892	-1.33531	0.0959922	0.658858	-1.51778
cg01108230	ELAC2;ELAC2;ELAC2	0.000356605	0.405374	0.765128	-1.30697	0.0191436	0.386503	-2.5873	0.496357	1.24184	1.24184	0.161962	0.620621	-1.61129	0.0011915	0.178356	-5.60676
cg19001809	ELAC2;ELAC2;ELAC2	0.0011691	0.0303062	2.06944	2.06944	0.345824	1.31954	1.31954	0.675931	1.12757	1.12757	4.54E-05	0.110514	-9.04862	0.153942	0.646654	-1.54642
cg22750986	ELAC2;ELAC2;ELAC2	0.00158279	0.111811	1.30316	1.30316	0.000231744	0.392849	-2.54551	0.454932	0.890137	-1.12342	0.0218612	1.52302	1.52302	0.104134	0.762092	-1.31218
cg25937114	ELAC2;ELAC2;ELAC2	0.0145265	0.566488	0.833216	-1.20017	0.00017882	0.135531	-7.37837	0.391817	0.75861	-1.3182	0.444105	1.27849	1.27849	0.826225	0.933104	-1.07169
cg11998810	ELAC2;ELAC2;ELAC2	0.0276205	0.0834849	0.714141	-1.40028	0.0106852	0.568969	-1.75756	0.00519824	0.523022	-1.91197	0.0381117	0.655461	-1.52564	0.0108682	0.570075	-1.75416
cg19055217	ELAC2;ELAC2;ELAC2;ELAC2;ELAC2;ELAC2	0.0110677	0.0149581	0.118116	-8.46623	0.122655	3.22125	3.22125	0.0207138	0.137864	-7.25352	0.905976	1.08504	1.08504	0.0011455	0.0295928	-33.792
cg21586152	ELANE	9.02E-06	0.00207481	3.02611	3.02611	0.00185455	0.323574	-3.09049	0.72259	1.09531	1.09531	0.0111583	2.25327	2.25327	0.033209	0.529513	-1.88853
cg08269974	ELANE	1.60E-05	0.00025477	4.59276	4.59276	7.77E-05	6.10813	6.10813	0.0703012	1.66843	1.66843	0.000983426	0.289512	-3.45409	0.0187857	0.4866	-2.05508
cg02487452	ELANE	0.000101564	0.000118636	0.363478	-2.7512	0.00075984	0.464459	-2.15304	0.000247921	0.40287	-2.48219	0.0157835	0.64116	-1.55967	4.92E-06	0.208804	-4.78918
cg15530560	ELANE	0.000105256	0.0015928	0.355534	-2.81267	0.0755357	0.636641	-1.57074	0.0824652	0.644666	-1.55119	0.00613561	0.442123	-2.26181	9.65E-06	0.113668	-8.79753
cg07239938	ELANE	0.000430241	0.000622054	0.184665	-5.41522	0.00484168	0.301517	-3.31656	0.00866197	0.341737	-2.92622	0.995618	1.00176	1.00176	0.000288229	0.149831	-6.6742
cg03633458	ELANE	0.00110289	0.0390758	0.451732	-2.2137	0.280375	0.688404	-1.45263	0.0516586	0.478558	-2.08961	0.210352	0.64454	-1.55149	0.000745968	0.182143	-5.49018
cg06100973	ELANE	0.00121194	0.00327058	0.160346	-6.23652	0.00243323	0.145631	-6.86666	0.0359134	0.328121	-3.04766	0.456917	0.707569	-1.41329	0.00146551	0.12279	-8.14396
cg01963696	ELANE	0.00184326	0.00547966	0.261471	-3.82452	0.0366225	0.409855	-2.43989	0.771392	1.11294	1.11294	0.65317	0.846932	-1.18073	0.00158208	0.189004	-5.29088
cg14052235	ELANE	0.00354684	0.00482525	0.181193	-5.51897	0.0782594	0.40912	-2.44427	0.752919	1.1552	1.1552	0.0716046	0.39888	-2.50702	0.651974	0.812673	-1.23051
cg03526702	ELANE	0.00720746	0.00879217	0.213351	-4.68711	0.00129097	0.11404	-8.76883	0.0466442	0.34826	-2.87142	0.16044	0.499451	-2.0022	0.00959621	0.2191	-4.56413
cg08223924	ELANE	0.00751743	0.0079893	0.32472	-3.07958	0.0658091	0.505111	-1.97976	0.01485	0.371044	-2.6951	0.0247289	0.412881	-2.42201	0.00265175	0.252677	-3.95762
cg11683663	ELANE	0.015617	0.0885223	0.312887	-3.19604	0.0612316	0.27139	-3.68473	0.00226736	0.0713015	-14.025	0.056151	0.262505	-3.80945	0.0204318	0.177716	-5.62696
cg19628469	ELANE	0.0165782	0.0184649	0.119273	-8.38409	0.0293891	0.148245	-6.74558	0.0583977	0.203684	-4.90958	0.0405386	0.172069	-5.81161	0.0226759	0.131359	-7.61271
cg26717554	ELANE	0.0365623	0.246987	0.507755	-1.96946	0.0111078	0.168213	-5.94485	0.569703	1.37944	1.37944	0.727695	0.822249	-1.21618	0.0156357	0.190269	-5.25573
cg04382396	ELANE;ELANE	3.68E-05	0.0088161	0.300447	-3.32837	0.000214731	0.107728	-9.2826	0.00407217	0.248985	-4.01631	0.0172296	0.351205	-2.84734	2.15E-05	0.045847	-21.8117
cg22713345	ELAVL1	0.00308236	0.691635	0.941482	-1.06215	0.199163	1.22777	1.22777	0.97232	0.994766	-1.00526	0.00079912	0.464976	-2.15065	0.11649	0.772611	-1.29431
cg09689465	ELAVL1	0.00824155	0.137972	0.672558	-1.48686	0.0223233	1.97381	1.97381	0.0831552	1.61025	1.61025	0.41867	1.2278	1.2278	0.000624252	0.27071	-3.69399
cg19509894	ELAVL1	0.00846489	0.0376153	0.745593	-1.34121	0.748466	0.961596	-1.03994	0.141025	0.824725	-1.21252	0.621217	0.941174	-1.0625	0.100405	0.803263	-1.24492
cg19590914	ELAVL1	0.0131932	0.00816331	0.249007	-4.01595	0.0916512	0.466407	-2.14405	0.825018	0.913078	-1.0952	0.0964492	0.472598	-2.11596	0.00104242	0.136246	-7.33968
cg00368296	ELAVL1	0.0174567	0.0347423	0.320077	-3.12425	0.594523	0.779843	-1.28231	0.0735923	0.397241	-2.51737	0.110917	0.4476	-2.23414	0.0596777	0.373957	-2.67411
cg22059769	ELAVL1	0.0395414	0.132226	0.762263	-1.31188	0.0279053	0.647841	-1.54359	0.477752	0.886382	-1.12818	0.632623	0.922678	-1.0838	0.169503	0.783068	-1.27703
cg19357849	ELAVL1	0.0463153	0.324397	0.793451	-1.26032	0.432671	0.833572	-1.19966	0.0828367	0.6462	-1.54751	0.686414	1.09666	1.09666	0.0351073	0.572314	-1.74729
cg07623294	ELAVL2	0.00132331	0.238714	0.902771	-1.1077	0.807497	0.979968	-1.02044	0.00143246	1.46547	1.46547	0.00256312	1.41436	1.41436	0.0950851	0.858961	-1.1642
cg14026459	ELAVL2;ELAVL2;ELAVL2	0.0036823	0.29068	1.23662	1.23662	0.242434	1.26737	1.26737	0.0529247	0.653081	-1.5312	0.692501	1.08002	1.08002	0.0365273	0.624585	-1.60106
cg13442960	ELAVL2;ELAVL2;ELAVL2	0.0358587	0.438745	1.32217	1.32217	0.190046	0.612151	-1.63358	0.207932	0.625311	-1.5992	0.254815	1.52261	1.52261	0.0350125	0.419524	-2.38365
cg06189175	ELAVL3;ELAVL3	0.000226211	0.0104308	0.414341	-2.41347	0.105525	1.6212	1.6212	0.00109626	3.72683	3.72683	0.00152453	3.47964	3.47964	0.000129891	6.14865	6.14865
cg04234014	ELAVL3;ELAVL3	0.00501973	0.45743	1.17169	1.17169	0.00510942	2.16989	2.16989	0.369414	1.21289	1.21289	0.0127429	1.91174	1.91174	0.00804935	0.491252	-2.03561
cg23236165	ELAVL3;ELAVL3	0.00586156	0.927152	1.01707	1.01707	0.000232026	3.09836	3.09836	0.778748	0.949197	-1.05352	0.568705	0.898853	-1.11253	0.0544259	0.667653	-1.49778
cg15759809	ELAVL3;ELAVL3	0.0307287	0.269957	1.31222	1.31222	0.532913	0.861231	-1.16113	0.0497188	1.6981	1.6981	0.612744	0.88627	-1.12832	0.00791531	0.446809	-2.23809
cg06808897	ELAVL3;ELAVL3	0.0426362	0.0425597	1.17942	1.17942	0.215626	0.912011	-1.09648	0.527067	1.04633	1.04633	0.153552	1.11404	1.11404	0.185895	1.1042	1.1042
cg22159514	ELAVL3;ELAVL3	0.0448613	0.528715	0.812114	-1.23135	0.0628391	1.97883	1.97883	0.217279	0.654895	-1.52696	0.0885853	1.84519	1.84519	0.0554557	0.492708	-2.0296
cg25434223	ELAVL3;ELAVL3;ELAVL3;ELAVL3	0.0391044	0.606201	1.11184	1.11184	0.649299	1.09783	1.09783	0.263989	0.788693	-1.26792	0.673643	1.0902	1.0902	0.178312	0.747095	-1.33852
cg06124579	ELAVL4	0.000122763	0.213312	1.20601	1.20601	6.64E-06	0.238898	-4.18588	0.00404892	0.575976	-1.73618	0.480024	0.90247	-1.10807	0.01154	0.636655	-1.57071
cg01511557	ELAVL4	0.00090038	0.00216483	6.48924	6.48924	0.0179102	0.286485	-3.49058	0.0222222	3.28981	3.28981	0.0406447	2.79255	2.79255	0.0867401	2.27491	2.27491
cg22932804	ELAVL4	0.013337	0.093931	0.564771	-1.77063	0.00172042	0.249652	-4.00557	0.417619	0.773406	-1.29298	0.276613	0.703961	-1.42053	0.192332	0.651769	-1.53429
cg00963169	ELAVL4	0.0158614	0.918018	0.943013	-1.06043	0.661112	1.28582	1.28582	0.0221408	4.77468	4.77468	0.787939	0.857575	-1.16608	0.00891606	0.150136	-6.66064
cg13909533	ELAVL4;ELAVL4	0.00194102	0.999172	1.00031	1.00031	0.00477647	0.324111	-3.08536	0.0121596	0.39064	-2.5599	0.581958	1.18203	1.18203	0.00471678	0.323272	-3.09337
cg05697849	ELAVL4;ELAVL4	0.00867568	0.152067	1.22701	1.22701	0.00926402	0.643847	-1.55316	0.618888	1.06915	1.06915	0.103707	0.788796	-1.26775	0.0755478	0.768149	-1.30183
cg02623400	ELAVL4;ELAVL4	0.0121188	0.663219	1.28657	1.28657	0.759791	0.838314	-1.19287	0.0992938	2.82657	2.82657	0.710624	0.807091	-1.23902	0.123506	0.383114	-2.61019
cg22791535	ELAVL4;ELAVL4;ELAVL4;ELAVL4;ELAVL4	0.00758111	0.412101	1.23265	1.23265	0.00696771	0.418695	-2.38837	0.0290662	0.526436	-1.89957	0.806462	1.06313	1.06313	0.437465	1.21842	1.21842
cg24518017	ELAVL4;ELAVL4;ELAVL4;ELAVL4;ELAVL4	0.0330742	0.750504	1.05864	1.05864	0.0115052	0.568546	-1.75887	0.0321631	0.638732	-1.5656	0.659893	1.08232	1.08232	0.0769835	0.703773	-1.42091
cg10803321	ELAVL4;ELAVL4;ELAVL4;ELAVL4;ELAVL4	0.0408849	0.744595	1.0643	1.0643	0.00402015	0.478674	-2.0891	0.0261567	0.604721	-1.65365	0.623524	1.0989	1.0989	0.732718	0.936741	-1.06753
cg12568368	ELF1	0.00121834	0.296746	1.12367	1.12367	0.0173487	0.731767	-1.36656	0.0294731	0.758559	-1.31829	0.334804	1.11316	1.11316	0.000431074	0.548682	-1.82255
cg18456803	ELF1	0.00307339	0.167469	0.667948	-1.49712	0.148562	0.653794	-1.52953	0.000397496	0.213049	-4.69375	0.00249952	0.316006	-3.1645	0.192045	0.684726	-1.46044
cg22730029	ELF1	0.0340412	0.0282369	0.196099	-5.09945	0.602372	0.718528	-1.39173	0.0661562	0.273596	-3.65502	0.0368916	0.217771	-4.59197	0.0131283	0.144542	-6.91842
cg20033981	ELF1	0.0459597	0.208157	0.596914	-1.67528	0.312184	1.50157	1.50157	0.115085	1.94681	1.94681	0.238636	0.618851	-1.6159	0.487564	1.31552	1.31552
cg02632314	ELF1;ELF1	0.000623627	0.210051	0.604164	-1.65518	0.935907	0.969785	-1.03116	0.000732933	0.141176	-7.08337	0.00257928	0.203162	-4.92218	0.000203904	0.0929985	-10.7529
cg01440489	ELF1;ELF1	0.000874484	0.239078	0.733078	-1.36411	0.284796	1.32287	1.32287	0.00050643	0.25449	-3.92942	0.00324091	0.363772	-2.74897	0.000521285	0.256034	-3.90573
cg00618312	ELF1;ELF1	0.0037771	0.456081	0.824298	-1.21315	0.00063987	0.263354	-3.79716	0.103433	0.635492	-1.57359	0.00197512	0.32865	-3.04275	0.955008	1.01447	1.01447
cg11793332	ELF1;ELF1	0.0326331	0.346179	0.648392	-1.54228	0.0221617	0.293798	-3.4037	0.0169539	0.272379	-3.67136	0.0753599	0.413043	-2.42106	0.512021	1.34582	1.34582
cg05088386	ELF2	0.00290495	0.338875	1.28091	1.28091	0.000727496	0.27518	-3.63398	0.00278742	0.355137	-2.81581	0.694613	1.10417	1.10417	0.0264275	1.93675	1.93675
cg01584797	ELF2	0.00567537	0.180218	1.24143	1.24143	0.0493539	0.711141	-1.40619	0.245901	0.831583	-1.20253	0.0486725	1.40804	1.40804	0.188855	1.23559	1.23559
cg03940407	ELF2	0.0123682	0.0276721	0.307963	-3.24715	0.029267	0.312882	-3.19609	0.0073561	0.209529	-4.77262	0.322305	0.629671	-1.58813	0.00190274	0.13667	-7.31692
cg04538760	ELF2	0.0141513	0.21924	0.808966	-1.23615	0.179547	0.79143	-1.26354	0.198342	0.800067	-1.24989	0.0132215	0.60415	-1.65522	0.01833	0.625189	-1.59952
cg04578761	ELF2;ELF2	0.00116494	0.00198578	0.366347	-2.72965	0.078894	0.638513	-1.56614	0.000727472	0.306879	-3.25861	0.578186	0.878848	-1.13785	0.00246115	0.37973	-2.63345
cg03746115	ELF2;ELF2	0.00514264	0.305992	1.14976	1.14976	0.00110258	0.530792	-1.88398	0.0302239	0.714972	-1.39866	0.698495	0.95004	-1.05259	0.626764	0.937513	-1.06665
cg13294780	ELF2;ELF2	0.00626462	0.579406	0.913373	-1.09484	0.0963013	0.744123	-1.34386	0.243354	1.21844	1.21844	0.0329078	0.667764	-1.49753	0.00480027	0.545688	-1.83255
cg07002832	ELF2;ELF2	0.0083079	0.00134574	0.223472	-4.47484	0.0295655	0.438592	-2.28003	0.207252	0.651904	-1.53397	0.321312	0.719185	-1.39046	0.00185501	0.241422	-4.14213
cg20342374	ELF2;ELF2	0.00974748	0.951269	0.989794	-1.01031	0.526086	0.897776	-1.11386	0.396456	1.15692	1.15692	0.000989533	0.439743	-2.27405	0.75608	0.949041	-1.0537
cg08838260	ELF2;ELF2	0.0136647	0.00422807	0.415009	-2.40958	0.241593	1.32508	1.32508	0.913638	1.02522	1.02522	0.622436	0.892283	-1.12072	0.00115301	0.333962	-2.99435
cg02931266	ELF2;ELF2	0.016652	0.859979	0.965407	-1.03583	0.000842928	0.367503	-2.72106	0.71598	1.07558	1.07558	0.0156027	1.80614	1.80614	0.92412	1.01918	1.01918
cg18350894	ELF2;ELF2	0.0315431	0.534149	1.19302	1.19302	0.0269724	0.479893	-2.0838	0.0134136	0.423902	-2.35904	0.580397	1.16942	1.16942	0.00396603	0.337593	-2.96215
cg18966401	ELF3;ELF3	0.000970643	0.0113322	0.530614	-1.88461	0.750507	1.06583	1.06583	0.00170654	2.44802	2.44802	0.00160958	2.46944	2.46944	0.0153401	0.55169	-1.81261
cg00328965	ELF4;ELF4	9.78E-07	0.00013266	0.372185	-2.68684	2.93E-07	0.105841	-9.44813	6.25E-07	0.13046	-7.66521	0.0462703	0.711406	-1.40567	2.12E-07	0.0961322	-10.4023
cg12594800	ELF4;ELF4	0.000900763	0.0148775	0.356542	-2.80472	0.000962228	0.184036	-5.43371	0.00387306	0.261981	-3.81707	0.00872539	0.316491	-3.15964	0.000404235	0.144263	-6.93177
cg05215598	ELF4;ELF4	0.00270374	0.485941	0.825649	-1.21117	0.00243263	0.319207	-3.13276	0.00798073	0.398455	-2.50969	0.482284	0.824278	-1.21318	8.21E-05	0.14655	-6.8236
cg06428055	ELF4;ELF4	0.0190872	0.0737507	0.163984	-6.09817	0.8937	1.12892	1.12892	0.884346	1.14113	1.14113	0.493078	1.8802	1.8802	0.454593	1.99545	1.99545
cg27046940	ELF4;ELF4	0.0495707	0.860119	1.10411	1.10411	0.0542313	0.293281	-3.4097	0.255417	0.513423	-1.94771	0.101567	0.365507	-2.73593	0.0406721	0.265286	-3.76951
cg21017775	ELF5	0.000834376	0.712051	0.946884	-1.0561	0.944407	0.989786	-1.01032	0.0067686	0.596463	-1.67655	0.842248	0.971091	-1.02977	2.21E-05	3.50385	3.50385
cg02869156	ELF5	0.00162418	0.27113	0.704843	-1.41876	0.00619663	0.336317	-2.97338	0.00015857	0.139204	-7.18371	0.104361	0.581567	-1.71949	0.000336915	0.171252	-5.83934
cg19656820	ELF5	0.00797921	0.533141	1.1512	1.1512	0.502541	1.16392	1.16392	0.00101943	0.337349	-2.96429	0.521088	0.864946	-1.15614	0.0937595	0.662914	-1.50849
cg23311800	ELF5	0.00811625	0.105146	1.2612	1.2612	0.185626	1.20196	1.20196	0.00102292	0.528297	-1.89287	0.384164	0.88963	-1.12406	0.0931343	0.78498	-1.27392
cg26129339	ELF5	0.0133219	0.00624989	0.438897	-2.27844	0.233748	1.33441	1.33441	0.00104446	0.325842	-3.06898	0.379606	1.23157	1.23157	0.153032	0.702137	-1.42422
cg10987788	ELF5	0.0300815	0.426115	0.851217	-1.17479	0.194815	1.31238	1.31238	0.519508	1.13818	1.13818	0.494797	0.871607	-1.14731	0.640106	1.09784	1.09784
cg05390144	ELF5;ELF5	0.00151404	0.322139	0.875383	-1.14236	0.0377216	1.36838	1.36838	8.62E-05	0.399647	-2.50221	0.312813	1.14552	1.14552	0.00647365	0.630879	-1.58509
cg02882375	ELF5;ELF5	0.00818542	0.137667	0.676286	-1.47866	0.0642971	0.601338	-1.66296	0.758436	1.07839	1.07839	0.364614	0.796183	-1.25599	0.00318887	0.373367	-2.67833
cg11875459	ELF5;ELF5	0.0193632	0.516219	1.13057	1.13057	0.500187	1.13609	1.13609	0.0601613	0.673495	-1.48479	0.961217	1.00911	1.00911	0.0978872	1.40289	1.40289
cg21038795	ELF5;ELF5	0.0215149	0.00380896	0.173024	-5.77955	0.116058	0.464002	-2.15516	0.0673317	0.397857	-2.51347	0.0993798	0.443946	-2.25253	0.00446972	0.181855	-5.49888
cg10631356	ELF5;ELF5	0.02623	0.0324475	0.236069	-4.23604	0.309179	0.545093	-1.83455	0.629332	0.755473	-1.32367	0.0434711	0.262175	-3.81425	0.00747009	0.137266	-7.28514
cg10449409	ELF5;ELF5;ELF5	0.0308236	0.417638	0.811784	-1.23185	0.390472	1.24798	1.24798	0.0307338	0.527892	-1.89433	0.963882	0.988665	-1.01147	0.00481398	0.389974	-2.56427
cg27165456	ELFN1	7.33E-07	6.59E-06	0.379806	-2.63293	8.29E-05	1.98225	1.98225	0.13239	0.85489	-1.16974	0.175198	1.14936	1.14936	2.02E-07	0.217643	-4.59469
cg07007035	ELFN1	1.76E-06	0.130305	0.88862	-1.12534	0.0864459	1.14668	1.14668	0.000659624	1.45792	1.45792	0.0122509	1.25294	1.25294	3.07E-06	0.448557	-2.22937
cg14978172	ELFN1	4.53E-05	0.834397	0.971047	-1.02982	0.0191394	1.48868	1.48868	0.251655	0.845293	-1.18302	0.188486	1.21598	1.21598	1.60E-05	0.286699	-3.48798
cg15703970	ELFN1	0.000737537	0.0935698	0.647886	-1.54348	0.468903	1.18937	1.18937	0.372647	0.80621	-1.24037	0.0673298	0.617242	-1.62011	1.10E-05	0.110503	-9.04955
cg01310330	ELFN1	0.00116597	0.157407	0.743928	-1.34422	0.376063	1.19451	1.19451	0.0343948	0.617059	-1.62059	0.736779	1.06823	1.06823	2.39E-05	0.192246	-5.20167
cg10449091	ELFN1	0.00224384	0.000197522	0.208003	-4.80761	0.53347	0.853578	-1.17154	0.152274	0.680495	-1.46952	0.0576227	0.583373	-1.71417	0.000960669	0.291005	-3.43637
cg03801830	ELFN1	0.00307218	0.0111083	0.647934	-1.54337	0.0246201	1.44026	1.44026	0.190553	1.20797	1.20797	0.00144985	1.87239	1.87239	0.0231169	0.690582	-1.44805
cg10206873	ELFN1	0.00354891	0.245595	1.2093	1.2093	0.0361669	1.4641	1.4641	0.00397	1.83332	1.83332	0.187965	1.244	1.244	0.258192	0.831419	-1.20276
cg22104371	ELFN1	0.00868499	0.941724	0.985126	-1.0151	0.298667	1.24709	1.24709	0.830278	0.956955	-1.04498	0.577568	1.12224	1.12224	0.00155301	0.393522	-2.54115
cg25706012	ELFN1	0.0163649	0.0697188	0.388859	-2.57163	0.269741	1.70775	1.70775	0.185597	0.520159	-1.92249	0.0813285	2.45899	2.45899	0.00794407	0.204974	-4.87868
cg26547741	ELFN1	0.0166292	0.575261	1.12726	1.12726	0.643078	0.905974	-1.10378	0.0819955	1.50346	1.50346	0.922867	0.979716	-1.0207	0.702181	1.08469	1.08469
cg23699062	ELFN1	0.0176126	0.909999	1.01791	1.01791	0.0921842	1.3377	1.3377	0.00252681	0.517837	-1.93111	0.0803511	1.35592	1.35592	0.172293	0.796097	-1.25613
cg05337806	ELFN1	0.0182475	0.947692	0.98956	-1.01055	0.00244159	1.96326	1.96326	0.842304	0.968639	-1.03238	0.00439646	1.83733	1.83733	0.0572835	0.708918	-1.4106
cg24727130	ELFN1	0.0250581	0.0119226	0.395808	-2.52648	0.473079	0.806105	-1.24053	0.168479	0.648277	-1.54255	0.394829	0.773051	-1.29358	0.00101615	0.237037	-4.21876
cg12411704	ELFN1	0.0316466	0.237524	1.36442	1.36442	0.0138984	2.14502	2.14502	0.0978523	1.57779	1.57779	0.249461	1.3529	1.3529	0.111868	1.5446	1.5446
cg17890940	ELFN1	0.0396349	0.134008	0.5082	-1.96773	0.191523	0.560364	-1.78456	0.0468963	0.385648	-2.59304	0.366494	1.4749	1.4749	0.00552203	0.217059	-4.60704
cg03020485	ELFN1	0.0420263	0.832999	0.938754	-1.06524	0.0481076	1.96633	1.96633	0.291963	1.38719	1.38719	0.846813	1.0596	1.0596	0.00314525	0.298733	-3.34747
cg17324095	ELFN1	0.0496336	0.335271	0.749483	-1.33425	0.697571	0.892855	-1.12	0.34236	0.752831	-1.32832	0.493194	0.817127	-1.2238	0.00255577	0.296899	-3.36814
cg17870945	ELFN2	2.90E-05	1.25E-06	0.168989	-5.91755	0.318374	1.15832	1.15832	0.000851872	2.04269	2.04269	0.00190369	1.87167	1.87167	0.0308819	0.696829	-1.43507
cg13538063	ELFN2	0.000552336	0.71225	1.04061	1.04061	0.361636	0.904142	-1.10602	0.850158	1.02053	1.02053	0.0502301	1.27109	1.27109	0.670232	1.04711	1.04711
cg17959580	ELFN2	0.0173905	0.25369	1.39995	1.39995	0.00672831	2.69605	2.69605	0.217982	1.4416	1.4416	0.860342	1.05096	1.05096	0.195226	0.67932	-1.47206
cg20800844	ELFN2	0.0302513	0.572282	1.20884	1.20884	0.991669	0.996536	-1.00348	0.255212	1.48411	1.48411	0.0264996	2.39711	2.39711	0.361049	0.731925	-1.36626
cg12442236	ELFN2	0.0483608	0.735856	0.954893	-1.04724	0.090502	0.77549	-1.28951	0.369075	1.134	1.134	0.0375853	0.719751	-1.38937	0.029089	0.704252	-1.41995
cg05576548	ELK1;ELK1	0.000307333	0.77826	0.94146	-1.06218	0.00185631	0.389115	-2.56994	0.00056829	0.319567	-3.12924	0.0673061	1.54979	1.54979	0.000297524	0.284157	-3.51918
cg03829216	ELK1;ELK1	0.000563023	0.167864	1.37675	1.37675	0.243656	1.30389	1.30389	0.599637	0.891173	-1.12212	0.719165	1.08171	1.08171	0.000190709	0.254703	-3.92614
cg24265865	ELK1;ELK1	0.000931473	0.324339	1.31369	1.31369	0.0165251	2.1924	2.1924	0.0297339	1.98535	1.98535	0.911421	0.97061	-1.03028	0.000387047	0.219286	-4.56025
cg07559615	ELK1;ELK1	0.0084639	0.0812094	2.20079	2.20079	0.207876	0.58166	-1.71922	0.760904	0.882904	-1.13263	0.13077	0.513842	-1.94612	0.0172055	0.305905	-3.26899
cg02316756	ELK3	0.00109361	0.239848	0.82401	-1.21358	8.08E-05	0.326708	-3.06084	0.0796419	0.736413	-1.35793	0.217387	1.22644	1.22644	0.0712501	1.37286	1.37286
cg22876356	ELK3	0.00164945	0.00128455	0.513674	-1.94676	0.466653	0.900195	-1.11087	0.0195887	0.670088	-1.49234	0.0118821	0.64037	-1.5616	0.00109156	0.504643	-1.9816
cg22763407	ELK3	0.00316247	0.985348	1.00319	1.00319	0.188447	1.27354	1.27354	0.231985	0.804514	-1.24299	0.0186011	0.609514	-1.64065	5.07E-05	0.267731	-3.7351

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27555382	0.0511494	0.600787	-1.66448	0.0016151	0.354496	-2.82091	0.0201739	0.525825	-1.90178	0.0161939	0.509271	-1.96359	4.45953	3.71722	0.740928	1
cg10541755	0.00199784	0.631992	-1.5823	0.581939	1.06022	1.06022	0.911017	1.01183	1.01183	0.174256	1.16417	1.16417	4.33867	0.760065	0.155719	1
cg06749174	0.605243	0.896568	-1.11536	0.00359313	2.2833	2.2833	0.175068	1.35256	1.35256	0.0163876	1.84838	1.84838	3.94973	2.74279	0.617267	1
cg17807528	0.397163	0.772571	-1.29438	0.776937	0.918939	-1.08821	0.201865	0.669597	-1.49344	0.00176636	3.7643	3.7643	3.71717	5.21464	1.24698	1
cg02008818	0.022192	0.341763	-2.926	0.0197421	0.332027	-3.0118	0.0371677	0.38776	-2.57892	0.651515	0.836906	-1.19488	3.45554	8.39203	2.15874	1
cg03098447	0.147552	0.785888	-1.27245	0.521892	1.10589	1.10589	0.438174	0.884602	-1.13045	0.975755	1.00472	1.00472	7.761	2.95516	0.338462	1
cg02266539	0.661684	0.855249	-1.16925	0.931349	0.969866	-1.03107	0.194916	0.614548	-1.62721	0.0862527	0.510146	-1.96022	6.25742	12.4971	1.77525	1
cg25340515	0.00843052	0.643857	-1.55314	0.00916457	1.54202	1.54202	0.174897	1.20784	1.20784	0.554173	1.08145	1.08145	5.1463	1.39598	0.241119	1
cg14105952	0.332448	0.825443	-1.21147	0.0200596	1.71305	1.71305	0.748942	1.06354	1.06354	0.163318	1.33038	1.33038	4.85828	2.83253	0.518251	1
cg07306232	0.701438	1.05875	1.05875	0.0817389	1.33096	1.33096	5.76E-05	0.330989	-3.02125	0.826994	1.03297	1.03297	9.66978	3.36406	0.309239	1
cg26342734	0.0102748	1.73578	1.73578	0.00448567	1.9079	1.9079	0.125135	1.32712	1.32712	0.239045	1.23396	1.23396	4.28437	1.97243	0.409224	1
cg22529822	0.0158809	0.441904	-2.26293	0.0480644	0.535404	-1.86775	0.203798	0.690162	-1.44894	0.0425693	0.52436	-1.90709	7.29096	8.827	1.07616	1
cg15397416	0.329716	1.16245	1.16245	0.000921062	2.09777	2.09777	0.00957542	1.63386	1.63386	0.902444	1.01852	1.01852	6.55349	2.3246	0.3153	1
cg01430870	0.00726674	0.598053	-1.67209	0.0164638	1.54514	1.54514	0.965807	0.993656	-1.00638	0.307596	0.854853	-1.16979	4.15547	1.45062	0.3103	1
cg19391583	0.568958	0.87606	-1.14147	0.36507	1.23852	1.23852	0.351626	0.802253	-1.24649	0.0862577	0.646847	-1.54596	3.91685	3.27738	0.743768	1
cg13041975	0.00150606	6.89471	6.89471	0.934473	0.967845	-1.03322	0.718309	0.865832	-1.15496	0.0476104	2.50842	2.50842	5.75517	10.9629	1.90488	1
cg27484876	0.000415927	0.131796	-7.5875	0.760572	1.08181	1.08181	0.0227771	2.21059	2.21059	0.0150679	0.411982	-2.42729	19.97	12.7601	0.532473	1
cg26493814	0.0679553	1.25363	1.25363	0.00255928	1.58812	1.58812	0.571377	1.06529	1.06529	0.107693	0.823575	-1.21422	8.16089	1.58014	0.172109	1
cg09543525	?	?	?	0.916404	1.03426	1.03426	?	?	?	0.403249	1.31577	1.31577	4.88181	6.18982	1.44907	1
cg19047340	0.419246	0.776458	-1.2879	0.0230937	0.434809	-2.29986	0.071369	1.85403	1.85403	0.767574	1.09512	1.09512	4.42097	6.58054	1.3231	1
cg25040850	0.479892	0.855182	-1.16934	0.00848186	2.07914	2.07914	0.109066	0.683418	-1.46323	0.615272	0.895493	-1.1167	6.21589	4.67126	0.668003	1
cg16121470	0.419143	1.20733	1.20733	0.00146766	0.350594	-2.85231	0.677677	0.909012	-1.1001	0.0718965	0.632185	-1.58182	3.44742	2.8442	0.733353	1
cg01108230	9.75E-06	0.017026	-58.7338	0.27316	1.43459	1.43459	0.113149	1.74148	1.74148	0.480276	1.25247	1.25247	26.8772	39.4369	0.978201	1
cg19001809	0.737433	0.908375	-1.10087	?	?	?	0.00493899	0.345313	-2.89593	0.639361	0.873896	-1.1443	11.5202	13.2291	1.14834	1
cg22750986	0.00565538	0.573952	-1.74231	0.0304655	0.677813	-1.47533	0.0332283	1.46317	1.46317	0.0243934	0.663547	-1.50705	10.3186	3.8212	0.329175	1
cg25937114	0.724643	0.894607	-1.11781	0.915249	0.967034	-1.03409	0.272965	0.69818	-1.4323	0.15333	0.617874	-1.61845	5.23586	8.22272	1.39597	1
cg11998810	0.346025	0.843208	-1.18595	0.147754	0.761153	-1.3138	0.142575	0.758072	-1.31914	0.0201779	0.611177	-1.63619	4.20795	2.05818	0.434771	1
cg19055217	0.103351	0.287166	-3.48231	?	?	?	0.899284	1.0914	1.0914	0.53652	1.54203	1.54203	6.5999	43.3871	5.75216	1
cg21586152	0.024232	1.986	1.986	3.14E-07	0.022103	-45.2427	0.000450306	4.108	4.108	0.0452988	0.556273	-1.79768	41.6647	43.0434	0.918304	1
cg08269974	0.0109983	2.24151	2.24151	7.06E-06	0.081008	-12.3445	0.00656804	0.40936	-2.44284	0.000377554	0.23751	-4.21035	35.9088	36.4056	0.901186	1
cg02487452	0.00106122	0.483188	-2.06959	0.0593733	0.726263	-1.37691	0.882087	0.977943	-1.02255	0.00886686	0.606183	-1.64967	22.0488	7.88627	0.317932	1
cg15530560	0.000490979	0.287611	-3.47692	0.420182	1.2068	1.2068	5.55E-05	0.180552	-5.53859	0.000296376	0.260614	-3.83709	21.8391	18.0185	0.733382	1
cg07239938	0.00330735	0.276989	-3.61026	0.000184301	0.131669	-7.5948	0.000305686	0.152332	-6.56463	0.00214239	0.250683	-3.9891	14.8975	24.2906	1.44935	1
cg03633458	0.124347	0.574823	-1.73967	2.61E-05	0.0626547	-15.9605	0.0162692	0.37616	-2.65845	0.00765257	0.319578	-3.12913	11.4437	20.0678	1.55876	1
cg06100973	0.23739	0.568269	-1.75973	0.000115358	0.0456286	-21.9161	0.00696176	0.203103	-4.92362	0.0014711	0.122951	-8.13332	11.1403	36.782	2.93486	1
cg01963696	0.0873258	0.499927	-2.00029	0.000134669	0.0881422	-11.3453	0.00252361	0.214337	-4.66554	0.0141718	0.329025	-3.03929	9.8735	21.0947	1.89911	1
cg14052235	0.0123295	0.240825	-4.15239	0.000139358	0.0494737	-20.2127	0.0648298	0.387755	-2.57895	0.00707509	0.203906	-4.90423	8.14134	26.9133	2.93846	1
cg03526702	0.0650381	0.383208	-2.60955	0.00315723	0.154486	-6.47308	0.00521068	0.181438	-5.51153	0.0390461	0.330899	-3.02207	6.55509	22.2553	3.01789	1
cg08223924	0.138078	0.589612	-1.69603	0.00100125	0.198637	-5.03431	0.048618	0.474627	-2.10692	0.0141603	0.367323	-2.7224	6.4693	11.2153	1.54099	1
cg11683663	0.0171026	0.165753	-6.03306	0.118487	0.350649	-2.85185	0.0550178	0.260457	-3.8394	0.00320683	0.0831193	-12.0309	5.11198	30.9559	5.38273	1
cg19628469	0.0315365	0.153181	-6.52824	0.00334137	0.051226	-19.5213	0.00749201	0.0772146	-12.9509	0.0249129	0.137265	-7.28517	5.01138	43.936	7.79312	1
cg26717554	0.0822039	0.340259	-2.93894	0.00780965	0.147803	-6.76576	0.705122	1.2372	1.2372	0.0933132	0.355755	-2.81092	3.80633	18.897	4.413	1
cg04382396	0.00920092	0.303503	-3.29486	3.03E-06	0.0181715	-55.0313	0.000185481	0.102653	-9.7416	5.69E-05	0.0675589	-14.8019	28.8621	59.4366	1.83052	1
cg22713345	0.624079	0.928013	-1.07757	0.000235707	0.39777	-2.51402	0.0143885	0.633619	-1.57824	0.694162	1.0616	1.0616	8.48956	3.07598	0.322067	1
cg09689465	0.170455	1.43696	1.43696	0.27845	1.32296	1.32296	0.728565	1.09037	1.09037	0.16403	0.691576	-1.44597	6.28498	6.13892	0.868231	1
cg19509894	0.00148522	0.572416	-1.74698	0.000459501	0.511032	-1.95682	0.85498	1.02252	1.02252	0.546047	0.928331	-1.0772	6.23216	1.4624	0.208582	1
cg19590914	0.703926	0.854881	-1.16975	0.0138822	0.286982	-3.48454	0.726127	1.15537	1.15537	0.0207238	0.318655	-3.13819	5.40403	14.4336	2.37413	1
cg00368296	0.356242	0.644555	-1.55146	0.000478527	0.0791071	-12.6411	0.667545	1.2214	1.2214	0.0601107	0.374735	-2.66855	4.92556	16.7116	3.01585	1
cg22059769	0.0719962	0.714925	-1.39875	0.00736224	1.78092	1.78092	0.63098	1.08423	1.08423	0.193347	0.794539	-1.25859	3.6988	1.63557	0.393058	1
cg19357849	0.00651312	0.447617	-2.23405	0.026201	0.549034	-1.82138	0.0710015	0.632204	-1.58177	0.358196	1.23961	1.23961	3.48763	2.85475	0.727588	1
cg07623294	0.0960435	1.16359	1.16359	0.126572	1.14682	1.14682	0.0046813	1.36567	1.36567	0.000205192	1.67468	1.67468	10.8636	1.18219	0.0967296	1
cg14026459	0.0190249	1.733	1.733	0.576572	1.11545	1.11545	0.000284322	3.15242	3.15242	0.0103388	1.8695	1.8695	8.05038	4.78284	0.528101	1
cg13442960	0.00241135	0.224372	-4.45688	0.543987	1.24256	1.24256	0.307829	1.45247	1.45247	0.73407	0.88641	-1.12815	3.8333	7.59131	1.76032	1
cg06189175	0.70241	0.900426	-1.11059	0.000580572	0.233664	-4.27964	0.0918176	0.602215	-1.66054	0.106999	0.61831	-1.61731	17.767	21.0067	1.05097	1
cg04234014	0.105352	0.690405	-1.44842	0.19936	0.752829	-1.32832	0.00291703	2.35453	2.35453	0.642791	1.10274	1.10274	7.32978	5.08928	0.617182	1
cg23236165	0.328119	1.20545	1.20545	0.145591	1.33543	1.33543	0.0148604	1.7413	1.7413	0.0519181	1.50593	1.50593	6.98931	3.79312	0.482403	1
cg15759809	0.0673537	0.615774	-1.62397	0.343711	1.2595	1.2595	0.0289409	1.83886	1.83886	0.501799	0.851081	-1.17498	4.0521	3.5907	0.787675	1
cg06808897	0.604684	0.963766	-1.0376	0.307457	0.928057	-1.07752	0.00369226	1.31957	1.31957	0.118449	1.12726	1.12726	3.5972	0.284545	0.0703129	1
cg22159514	0.0340104	0.446238	-2.24096	?	?	?	0.163217	1.62464	1.62464	0.294082	1.42598	1.42598	3.58335	5.36389	1.49689	1
cg25434223	0.463206	0.85879	-1.16443	0.00473036	0.465315	-2.14908	0.217667	1.30265	1.30265	0.0192634	1.78101	1.78101	3.71394	2.44482	0.585141	1
cg06124579	0.159859	0.806815	-1.23944	0.357129	1.14496	1.14496	3.65E-05	0.321037	-3.11491	0.0142205	0.649023	-1.54078	20.9566	6.78088	0.287616	1
cg01511557	0.00129321	7.66624	7.66624	0.00025528	13.6954	13.6954	0.0028751	5.93813	5.93813	0.318189	0.638747	-1.56557	12.1213	36.2373	2.65739	1
cg22932804	0.44149	1.27567	1.27567	0.0348545	0.46632	-2.14445	0.00176989	0.251286	-3.97953	0.0427009	0.484943	-2.0621	5.3849	8.20672	1.35469	1
cg00963169	0.361122	1.70745	1.70745	0.305066	1.83173	1.83173	0.00283593	10.4043	10.4043	0.191781	0.454979	-2.19791	5.08568	26.1593	4.57218	1
cg13909533	0.301935	1.37942	1.37942	0.000264307	0.164894	-6.06452	0.255394	0.69968	-1.42923	0.00140676	0.248862	-4.0183	9.7263	13.9355	1.27357	1
cg05697849	0.0593191	1.32824	1.32824	0.0115612	1.52355	1.52355	0.00755222	1.58134	1.58134	0.242824	1.177	1.177	6.18388	1.74115	0.250277	1
cg02623400	0.00336102	9.91866	9.91866	0.00312215	10.2196	10.2196	0.0093048	6.66836	6.66836	0.711923	1.23776	1.23776	5.5557	29.0998	4.65586	1
cg22791535	0.440403	1.21682	1.21682	0.000632437	3.70509	3.70509	0.498081	0.842358	-1.18714	0.612892	0.880513	-1.1357	6.45222	6.35684	0.875749	1
cg24518017	0.527236	0.891871	-1.12124	0.968717	0.993019	-1.00703	0.0264641	0.624978	-1.60006	0.00617007	0.528283	-1.89293	3.94687	1.99482	0.44926	1
cg10803321	0.348557	1.20198	1.20198	0.050952	1.52782	1.52782	0.739684	0.938411	-1.06563	0.698051	0.928376	-1.07715	3.65353	2.10281	0.511605	1
cg12568368	0.00886219	0.698337	-1.43197	0.000838227	0.581822	-1.71874	0.00492318	0.669311	-1.49407	0.00105216	0.593107	-1.68604	11.1235	2.04655	0.163541	1
cg18456803	0.196449	0.687571	-1.45439	0.000970497	0.260148	-3.84397	0.506377	1.20311	1.20311	0.00612	0.374863	-2.66764	8.49691	10.1223	1.05893	1
cg22730029	0.483425	0.638978	-1.565	0.00706237	0.111978	-8.93033	0.25423	2.11421	2.11421	0.268543	0.484475	-2.06409	3.90613	24.4649	5.56729	1
cg20033981	0.0414026	0.400673	-2.4958	0.045759	0.410471	-2.43622	0.0189603	3.01833	3.01833	0.99691	1.00151	1.00151	3.49774	8.37515	2.1284	1
cg02632314	0.092762	0.493804	-2.0251	0.00016392	0.0861229	-11.6113	0.0867087	2.05811	2.05811	0.0242607	0.358957	-2.78585	13.4383	30.9731	2.04875	1
cg01440489	0.192198	0.706351	-1.41573	0.000937304	0.288432	-3.46703	0.0445534	1.78767	1.78767	0.00792819	0.424235	-2.35718	12.2216	12.2764	0.892879	1
cg00618312	0.81619	1.06106	1.06106	0.00612197	2.48586	2.48586	0.80656	0.939461	-1.06444	0.0866985	0.617769	-1.61873	7.98917	8.19855	0.912185	1
cg11793332	0.29579	0.6162	-1.62285	0.00292824	0.161163	-6.20491	0.867283	1.07756	1.07756	0.118825	0.469498	-2.12993	3.96594	12.5281	2.80793	1
cg05088386	0.365841	1.2628	1.2628	0.0586377	1.70993	1.70993	0.460642	0.828086	-1.2076	0.0103806	0.444582	-2.2493	8.64029	8.63067	0.887899	1
cg01584797	0.022329	1.51599	1.51599	0.000322938	2.42042	2.42042	0.267812	0.839108	-1.19174	0.979981	0.996194	-1.00382	7.05913	2.58195	0.32512	1
cg03940407	0.0343525	0.32735	-3.05483	0.00515331	0.18801	-5.31886	0.866049	0.926464	-1.07937	0.0525341	0.368872	-2.71096	5.51905	17.8915	2.88157	1
cg04538760	0.93984	0.987691	-1.01246	0.00202817	2.04237	2.04237	0.86801	0.973078	-1.02767	0.96147	0.992105	-1.00796	5.28119	2.25197	0.379034	1
cg04578761	0.0109704	0.480054	-2.0831	0.00508806	0.426854	-2.34272	0.000119376	0.212892	-4.69723	0.013073	0.492735	-2.02949	11.2667	9.43256	0.744185	1
cg03746115	0.843953	0.974385	-1.02629	0.00197622	1.77809	1.77809	0.093249	0.784184	-1.27521	0.157821	1.21999	1.21999	7.2758	1.99775	0.244066	1
cg13294780	0.00524765	0.551086	-1.8146	0.00756474	0.573447	-1.74384	0.435776	1.13733	1.13733	0.0225916	1.5557	1.5557	6.8472	2.84061	0.368762	1
cg07002832	0.0259118	0.427102	-2.34136	0.0377442	0.460597	-2.1711	0.00431514	0.29301	-3.41285	0.0652834	0.513905	-1.94589	6.26911	10.2761	1.45703	1
cg20342374	0.0023624	0.490714	-2.03785	0.0459104	0.681087	-1.46824	0.645347	1.08089	1.08089	0.189559	1.2627	1.2627	5.95912	2.65922	0.396662	1
cg08838260	0.21703	0.742105	-1.34752	0.183232	1.38303	1.38303	0.212982	0.73994	-1.35146	0.721324	1.08572	1.08572	5.34223	4.46164	0.742368	1
cg02931266	0.367265	1.20282	1.20282	0.129392	1.38639	1.38639	0.89285	1.02724	1.02724	0.489474	1.15026	1.15026	5.00395	3.15067	0.559678	1
cg18350894	0.258662	0.718674	-1.39145	0.450649	0.806184	-1.24041	0.823889	0.939435	-1.06447	0.254094	1.39629	1.39629	4.01447	4.99543	1.10609	1
cg18966401	0.000661668	2.83538	2.83538	0.18504	0.75508	-1.32436	0.530226	0.880664	-1.13551	0.144412	0.730993	-1.368	11.8663	7.50714	0.562349	1
cg00328965	5.55E-05	0.326792	-3.06005	0.230633	1.20629	1.20629	7.32E-05	0.341057	-2.93206	0.000220337	0.399292	-2.50443	73.7484	25.9791	0.313126	1
cg12594800	0.00924795	0.320683	-3.11834	0.0556551	2.10981	2.10981	0.000564241	0.158807	-6.29694	0.0365759	0.433278	-2.30799	12.1198	22.7528	1.66873	1
cg05215598	0.433973	1.24115	1.24115	0.171529	0.674418	-1.48276	0.969863	0.989829	-1.01028	0.142451	0.652694	-1.53211	8.82579	10.2354	1.03086	1
cg06428055	0.188406	0.282497	-3.53986	0.000515392	136.392	136.392	0.982509	1.02008	1.02008	0.266374	2.85879	2.85879	4.77965	62.2774	11.582	1
cg27046940	0.614128	0.751672	-1.33037	0.0611735	0.30587	-3.26937	0.00302419	0.102078	-9.79643	0.0780287	0.333059	-3.00248	3.39925	16.9726	4.43827	1
cg21017775	0.9025	1.01821	1.01821	0.00749119	1.65994	1.65994	0.601833	0.925427	-1.08058	0.914251	0.984268	-1.01598	12.3845	4.25102	0.305115	1
cg02869156	0.0474981	0.500522	-1.99792	0.00923642	0.364667	-2.74223	0.530056	0.823489	-1.21435	0.00366472	0.301322	-3.3187	10.242	15.1197	1.31222	1
cg19656820	0.345021	0.804964	-1.24229	0.00521252	2.27573	2.27573	0.0447904	0.598206	-1.67167	0.289163	1.27818	1.27818	6.34934	5.00396	0.700539	1
cg23311800	0.813028	1.03154	1.03154	0.00679089	1.58368	1.58368	0.420074	1.11401	1.11401	0.169487	1.21145	1.21145	6.3154	1.71816	0.241831	1
cg26129339	0.465725	1.18714	1.18714	0.384733	1.22869	1.22869	0.17832	0.718577	-1.39164	0.528298	0.862739	-1.1591	5.38689	4.55618	0.751814	1
cg10987788	0.933703	0.983643	-1.01663	0.000542168	2.90354	2.90354	0.594188	0.898891	-1.11248	0.976809	0.994255	-1.00578	4.0829	2.54079	0.553155	1
cg05390144	0.227578	1.17919	1.17919	0.204594	1.19029	1.19029	0.0244788	0.705561	-1.41731	0.0528188	0.750949	-1.33165	10.4515	2.80303	0.238395	1
cg02882375	0.0183265	0.496395	-2.01453	0.00366833	0.38246	-2.61466	0.00109759	0.307961	-3.24717	0.627709	0.887307	-1.12701	6.29854	5.97121	0.842695	1
cg11875459	0.849746	1.03599	1.03599	0.000994144	2.48887	2.48887	0.0629968	1.47688	1.47688	0.201462	0.777634	-1.28595	4.75649	2.61848	0.489339	1
cg21038795	0.412967	0.686401	-1.45687	0.0581409	0.381858	-2.61878	0.0130463	0.250428	-3.99316	0.0264756	0.306419	-3.2635	4.58887	14.6894	2.84541	1
cg10631356	0.0263462	0.219005	-4.56611	0.0228055	0.20786	-4.81094	0.0046514	0.114153	-8.7602	0.123668	0.382354	-2.61537	4.28486	22.559	4.67984	1
cg10449409	0.214756	1.38927	1.38927	0.311289	1.30176	1.30176	0.0286902	0.522212	-1.91493	0.0986527	0.633883	-1.57758	4.04765	4.06285	0.892227	1
cg27165456	3.18E-06	2.90388	2.90388	0.00178865	1.53592	1.53592	0.000288409	1.77031	1.77031	0.000812608	1.6283	1.6283	79.3662	11.7176	0.131236	1
cg07007035	0.00364843	1.32866	1.32866	6.65E-05	1.69606	1.69606	1.43E-07	3.29737	3.29737	0.00075592	1.4464	1.4464	63.4277	5.24622	0.0735216	1
cg14978172	2.23E-06	0.197171	-5.07174	0.0813855	0.762537	-1.31141	0.513745	1.09739	1.09739	0.562498	0.921111	-1.08565	27.3266	8.5241	0.277275	1
cg15703970	0.0804999	0.633653	-1.57815	0.00257445	0.373974	-2.67398	0.138466	0.687029	-1.45554	0.499275	1.17517	1.17517	12.8217	11.248	0.779788	1
cg01310330	0.723921	0.932963	-1.07185	0.00290788	0.44904	-2.22698	0.348812	1.2077	1.2077	0.218001	0.776051	-1.28858	11.2639	6.8291	0.53892	1
cg10449091	0.402094	0.80633	-1.24019	0.0156796	0.475445	-2.10329	0.216154	1.38643	1.38643	0.00334167	0.36695	-2.72517	9.32328	9.30437	0.887086	1
cg03801830	0.979467	1.00351	1.00351	0.00461613	1.67161	1.67161	0.0464274	1.36469	1.36469	0.0726119	1.31394	1.31394	8.49791	2.50061	0.261566	1
cg10206873	0.97879	0.995849	-1.00417	0.00010234	2.93392	2.93392	0.365681	1.15655	1.15655	0.548566	0.909381	-1.09965	8.13992	3.15686	0.344733	1
cg22104371	0.0154088	1.83934	1.83934	0.223919	0.769591	-1.29939	0.0620075	1.53838	1.53838	0.00958249	1.95882	1.95882	6.18178	4.11364	0.591508	1
cg25706012	0.0533831	2.77834	2.77834	0.83647	1.10103	1.10103	0.0205224	3.66819	3.66819	0.0881938	2.40152	2.40152	5.03306	17.285	3.0527	1
cg26547741	0.984163	1.00421	1.00421	0.000279845	3.51613	3.51613	0.074169	1.52354	1.52354	0.839052	0.95788	-1.04397	5.00623	3.55009	0.630341	1
cg23699062	0.0247341	1.52145	1.52145	0.747033	0.950468	-1.05211	0.250095	0.828069	-1.20763	0.203319	1.23464	1.23464	4.91089	1.91634	0.346865	1
cg05337806	0.793407	1.04288	1.04288	0.315711	1.1805	1.1805	0.114983	1.31543	1.31543	0.302649	1.18626	1.18626	4.85278	1.96662	0.360228	1
cg24727130	0.464887	0.802766	-1.24569	0.185337	0.660433	-1.51416	0.204081	1.4857	1.4857	0.677916	0.883947	-1.13129	4.35372	6.01558	1.22819	1
cg12411704	0.0199756	0.494033	-2.02415	0.0147277	2.1251	2.1251	0.300805	1.30895	1.30895	0.871657	1.04144	1.04144	4.00977	4.00448	0.887716	1
cg17890940	0.188317	1.79297	1.79297	0.0865486	0.452494	-2.20998	0.994939	0.997347	-1.00266	0.22418	1.70715	1.70715	3.69559	10.2684	2.46982	1
cg03020485	0.412819	1.28481	1.28481	0.0734798	1.81725	1.81725	0.8041	1.07723	1.07723	0.594736	0.851534	-1.17435	3.61649	5.1316	1.26129	1
cg17324095	0.889688	1.0411	1.0411	0.231244	0.69459	-1.4397	0.0436836	1.96007	1.96007	0.200843	0.675646	-1.48007	3.39761	4.53214	1.18571	1
cg17870945	0.153637	1.24322	1.24322	0.00159242	0.52429	-1.90734	0.0506607	1.37349	1.37349	0.504916	0.908083	-1.10122	30.7353	9.88571	0.285903	1
cg13538063	2.38E-05	2.47465	2.47465	0.00177256	0.619811	-1.6134	0.0179902	0.734263	-1.36191	0.401159	0.911791	-1.09674	13.9007	2.54233	0.162571	1
cg17959580	0.924954	0.973759	-1.02695	0.0699943	1.77144	1.77144	0.00305755	0.318256	-3.14212	0.992228	0.997255	-1.00275	4.93184	6.22205	1.12143	1
cg20800844	0.000850263	5.29306	5.29306	0.633519	0.852443	-1.1731	0.515453	1.24507	1.24507	0.468387	1.2779	1.2779	4.07474	7.1293	1.55523	1
cg12442236	0.378844	0.884196	-1.13097	0.00516457	0.604494	-1.65428	0.590609	0.928643	-1.07684	0.415228	1.12022	1.12022	3.43124	1.00985	0.26161	1
cg05576548	0.817308	0.951756	-1.05069	0.000302012	3.50932	3.50932	0.0743737	1.52931	1.52931	0.46869	1.17063	1.17063	16.3417	11.8179	0.642818	1
cg03829216	0.654811	1.10284	1.10284	0.000324069	3.54166	3.54166	0.000450454	3.33118	3.33118	0.651899	0.905939	-1.10383	13.8268	10.3616	0.666121	1
cg24265865	0.234114	0.715798	-1.39704	0.000431868	4.44788	4.44788	0.00477528	2.72966	2.72966	0.574661	0.858991	-1.16416	12.0055	13.6629	1.0116	1
cg07559615	0.63872	1.21283	1.21283	0.00142912	6.56724	6.56724	0.0114738	3.63486	3.63486	0.500343	1.322	1.322	6.23239	16.4357	2.34412	1
cg02316756	0.762012	0.953351	-1.04893	0.00114637	2.12098	2.12098	0.210041	0.812398	-1.23092	0.263446	1.20124	1.20124	11.4713	4.49438	0.348262	1
cg22876356	0.460728	0.898888	-1.11249	0.0011488	0.507475	-1.97054	0.593858	0.926447	-1.07939	0.000309468	0.435658	-2.29538	10.1964	3.25358	0.283637	1
cg22763407	0.341622	0.843641	-1.18534	0.931437	0.985179	-1.01504	0.0737876	0.707636	-1.41316	0.839596	0.965444	-1.03579	8.425	4.01755	0.423876	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14535746	ELK3	0.00474144	0.013367	0.128895	-7.75824	0.000503529	0.0263448	-37.9581	0.0259656	0.170801	-5.85477	0.154246	0.360694	-2.77244	0.0117809	0.12206	-8.19266	0.0295389	0.180265	-5.54739	0.00250675	0.0603806	-16.5616	0.00561793	0.0879736	-11.367	0.0190429	0.149897	-6.67125	7.45833	52.8082	6.29371	1
cg11146034	ELK3	0.0111067	0.00585458	0.308813	-3.23821	0.0759693	1.90261	1.90261	0.178784	0.62798	-1.59241	0.00893284	0.338455	-2.9546	0.163895	0.6164	-1.62232	0.0778651	0.528236	-1.89309	0.00840953	0.334101	-2.99311	0.747927	1.11074	1.11074	0.0104609	0.350039	-2.85682	5.71471	9.6021	1.49355	1
cg21252812	ELK3	0.0192561	0.808579	0.90656	-1.10307	0.109291	0.493737	-2.02537	0.526831	1.29585	1.29585	0.0575254	0.41972	-2.38254	0.0174043	0.310282	-3.22287	0.0195826	0.3198	-3.12695	0.591305	0.803258	-1.24493	0.31133	0.654845	-1.52708	0.000969506	0.137426	-7.27666	4.76543	12.3294	2.29978	1
cg00456395	ELK3	0.0236431	0.0531967	0.781849	-1.27902	0.0772893	0.802485	-1.24613	0.366407	0.901261	-1.10956	0.590427	0.940942	-1.06276	0.101017	0.817741	-1.22288	0.72639	1.04014	1.04014	0.00707904	1.47682	1.47682	0.0157548	0.717851	-1.39305	0.0805024	0.804778	-1.24258	4.44236	0.883107	0.176704	1
cg21173239	ELK3	0.0238677	0.490258	1.3285	1.3285	0.343731	1.48489	1.48489	0.258847	0.620332	-1.61204	0.0369198	2.67061	2.67061	0.707489	0.858311	-1.16508	0.497503	0.756403	-1.32205	0.0247978	0.338566	-2.95363	0.00256749	5.44515	5.44515	0.39904	1.41901	1.41901	4.42786	11.5215	2.31293	1
cg21502999	ELK3	0.0243141	0.152151	0.471716	-2.11992	0.0785936	2.61805	2.61805	?	?	?	0.630338	1.26525	1.26525	0.843193	1.10076	1.10076	0.122331	0.439696	-2.2743	0.023928	3.8306	3.8306	0.025106	0.265187	-3.77092	0.0195655	4.09288	4.09288	4.95127	16.0265	2.83225	1
cg01757160	ELK3	0.033939	0.381866	0.893402	-1.11932	0.00746238	1.54183	1.54183	0.0591729	1.30703	1.30703	0.0738225	0.778452	-1.2846	0.758445	0.961974	-1.03953	0.629025	1.06309	1.06309	0.0204597	0.703962	-1.42053	0.63638	0.941903	-1.06168	0.64606	1.05984	1.05984	3.91037	0.978274	0.222377	1
cg08258309	ELK3	0.0361241	0.0871313	0.238875	-4.18629	0.0158573	0.106503	-9.38945	0.213692	0.370671	-2.69781	0.269187	0.418027	-2.39219	0.00308088	0.0463918	-21.5555	0.106448	0.262846	-3.80451	0.0153184	0.104735	-9.54787	0.0535926	0.189862	-5.26697	0.142064	0.302281	-3.30818	3.82305	34.7864	8.08811	1
cg18954900	ELK3	0.0454267	0.138133	0.592172	-1.6887	0.169794	0.61883	-1.61595	0.00672189	0.315542	-3.16915	0.836187	1.07031	1.07031	0.0339951	0.443876	-2.25288	0.329515	0.718739	-1.39133	0.00907725	0.336847	-2.96871	0.907083	0.962405	-1.03906	0.0536182	0.487102	-2.05296	3.51308	5.99275	1.5163	1
cg13054975	ELK4;ELK4	0.016751	0.462764	0.900114	-1.11097	0.202356	1.20865	1.20865	0.454122	0.898209	-1.11333	0.00151258	0.52553	-1.90284	0.221339	0.834444	-1.1984	0.134163	0.796591	-1.25535	0.0126375	1.54726	1.54726	0.824267	0.969173	-1.03181	0.326938	1.15313	1.15313	4.99406	1.56777	0.279047	1
cg23201841	ELK4;ELK4	0.0188534	0.015748	0.338473	-2.95445	0.0732072	0.481222	-2.07804	0.31607	0.684222	-1.46151	0.68059	0.859386	-1.16362	0.00521653	0.259418	-3.85478	0.0890832	0.503354	-1.98667	0.014617	0.33262	-3.00643	0.00365307	0.23711	-4.21746	0.0300403	0.39288	-2.5453	4.79961	10.1878	1.88679	1
cg07594031	ELK4;ELK4	0.0193839	0.00698064	0.425715	-2.34899	0.886996	0.965799	-1.03541	0.118766	1.51348	1.51348	0.717248	0.91484	-1.09309	0.00981354	0.449809	-2.22317	0.148462	0.684325	-1.46129	0.0219987	0.510505	-1.95884	0.969986	1.00925	1.00925	0.0124424	0.467103	-2.14086	4.75477	4.51045	0.843213	1
cg22307414	ELK4;ELK4;ELK4;ELK4	0.00358884	0.520409	1.03784	1.03784	0.04118	1.14373	1.14373	0.0688045	1.12312	1.12312	0.290002	1.06461	1.06461	0.00183236	0.776951	-1.28708	0.0389459	1.14599	1.14599	0.00309146	0.79388	-1.25964	0.150213	1.09191	1.09191	0.0232498	1.16724	1.16724	8.11268	0.417627	0.0457585	1
cg25724814	ELK4;ELK4;ELK4;ELK4	0.0262157	0.0398728	0.709428	-1.40959	0.0340864	0.699498	-1.4296	0.0459753	0.718554	-1.39168	0.99105	1.00162	1.00162	0.305811	0.857938	-1.16559	0.417699	0.887206	-1.12713	0.00121378	0.50436	-1.98271	0.0238521	0.677295	-1.47646	0.409979	0.885358	-1.12949	4.28568	1.41742	0.293985	1
cg01631375	ELL	5.43E-07	0.0102363	1.45454	1.45454	0.0107706	1.44897	1.44897	0.000670292	1.82647	1.82647	0.746539	1.03825	1.03825	0.0406913	1.3146	1.3146	7.74E-09	0.0626745	-15.9555	0.59342	0.939527	-1.06437	0.0118672	1.43846	1.43846	0.00313237	1.59613	1.59613	85.6919	18.185	0.188634	1
cg03597034	ELL	0.000649643	0.873371	0.978329	-1.02215	0.138463	1.24494	1.24494	0.0707314	0.757763	-1.31967	0.335297	1.14623	1.14623	4.42E-05	0.345288	-2.89613	0.000636835	0.486495	-2.05552	0.00925882	1.57404	1.57404	0.808282	0.96716	-1.03396	0.942669	1.00993	1.00993	13.2857	3.97012	0.265624	1
cg16670155	ELL	0.000790393	0.0407926	0.648149	-1.54285	0.440631	0.865536	-1.15535	0.00220842	0.454861	-2.19847	0.603186	0.908189	-1.10109	1.84E-05	0.201265	-4.96858	0.910141	0.979482	-1.02095	0.471514	1.14396	1.14396	0.0558261	1.48863	1.48863	0.952783	1.01093	1.01093	12.5748	6.71555	0.474711	1
cg02344201	ELL	0.00235026	0.358104	1.05243	1.05243	0.150545	0.920059	-1.08689	0.00608798	1.21366	1.21366	0.0624688	0.892817	-1.12005	0.210711	0.931173	-1.07391	0.97987	1.00137	1.00137	0.000300679	0.727686	-1.37422	0.222055	0.93296	-1.07186	0.00657813	1.21025	1.21025	9.19749	0.425891	0.0411601	1
cg02792560	ELL	0.00321166	0.0141299	0.438595	-2.28001	0.179204	1.47447	1.47447	0.0206631	0.468418	-2.13484	0.8537	1.05152	1.05152	0.00221438	0.311317	-3.21216	0.174832	0.675208	-1.48103	0.00032446	0.205596	-4.86391	0.669022	1.12416	1.12416	0.0147318	0.441797	-2.26348	8.38636	9.83693	1.04264	1
cg07727295	ELL	0.00355523	0.127907	1.1842	1.1842	0.00208885	1.56022	1.56022	0.243313	0.882138	-1.13361	0.467554	0.926881	-1.07889	0.0200042	0.749494	-1.33423	0.0203384	1.3328	1.3328	0.32895	1.10904	1.10904	0.000758131	1.6894	1.6894	0.0832358	1.21772	1.21772	8.13558	1.35953	0.148541	1
cg12095961	ELL	0.0355019	0.889491	1.02067	1.02067	0.00268581	1.84152	1.84152	0.00754385	1.65855	1.65855	0.446719	1.12091	1.12091	0.794358	0.962285	-1.03919	0.530173	1.09811	1.09811	0.260125	0.841245	-1.18871	0.673681	1.06432	1.06432	0.11255	1.28948	1.28948	3.84724	1.31978	0.304929	1
cg06431105	ELL	0.0364051	0.0154504	1.76161	1.76161	0.175326	1.31608	1.31608	0.722016	1.07045	1.07045	0.612591	1.1022	1.1022	0.0167274	0.573166	-1.7447	0.347638	1.20235	1.20235	0.045318	1.54892	1.54892	0.231226	0.787169	-1.27037	0.193123	0.769166	-1.30011	3.8123	2.19266	0.511248	1
cg21499869	ELL	0.0480177	0.226173	0.606777	-1.64805	0.0618945	2.28535	2.28535	0.899644	1.05085	1.05085	0.154585	0.54937	-1.82027	0.0284923	0.361966	-2.76269	0.840467	0.923825	-1.08246	0.021571	0.337951	-2.95901	0.392596	1.411	1.411	0.0356489	0.382406	-2.61502	3.44049	8.42084	2.17562	1
cg15685672	ELL2	2.18E-05	0.0248946	0.640587	-1.56107	0.0431944	0.678383	-1.47409	0.0692687	1.40365	1.40365	0.000689001	0.421266	-2.3738	1.59E-06	0.132905	-7.5242	0.497786	1.12169	1.12169	0.000115481	0.323717	-3.08912	0.00135841	2.17256	2.17256	0.00635801	1.80867	1.80867	33.1232	14.6016	0.391846	1
cg19493250	ELL2	2.69E-05	0.00649413	0.669233	-1.49425	3.95E-06	0.295739	-3.38136	0.00113066	0.580479	-1.72272	6.02E-06	0.316042	-3.16414	0.000797212	0.562717	-1.77709	0.00113227	0.580551	-1.7225	3.22E-05	0.399186	-2.5051	0.495551	0.924447	-1.08173	0.000762465	0.56045	-1.78428	31.3282	6.39461	0.181437	1
cg04452110	ELL2	0.000423643	0.00171447	0.162345	-6.15972	0.0242655	0.335944	-2.97669	0.520018	1.30327	1.30327	0.0188794	0.315031	-3.17429	0.41159	0.71105	-1.40637	0.0433485	0.389138	-2.56978	0.00273409	0.186385	-5.36525	5.62E-05	20.916	20.916	0.170105	1.81027	1.81027	14.9612	39.0913	2.32252	1
cg21091679	ELL2	0.000547912	0.58735	0.859828	-1.16302	0.893271	0.963678	-1.03769	0.01656	0.446299	-2.24065	0.011653	0.419393	-2.3844	0.000653313	0.236914	-4.22094	0.0125403	0.424911	-2.35343	0.0292391	0.492616	-2.02998	9.03E-05	6.88789	6.88789	0.585749	1.16379	1.16379	13.9319	16.7621	1.06947	1
cg20952358	ELL2	0.0023437	0.842561	0.975391	-1.02523	0.73924	1.04274	1.04274	0.773923	1.03674	1.03674	0.881329	0.981457	-1.01889	0.144665	1.21689	1.21689	0.870897	0.979827	-1.02059	0.18252	0.837566	-1.19394	2.87E-05	2.8004	2.8004	0.079001	1.27682	1.27682	9.20503	2.28868	0.221008	1
cg06931327	ELL2	0.00279564	0.00121428	6.30353	6.30353	0.625119	1.21097	1.21097	0.832035	0.920754	-1.08607	0.104335	0.501474	-1.99412	0.0173005	3.08646	3.08646	0.122142	0.521374	-1.91801	0.314773	0.667582	-1.49794	0.000562144	7.9947	7.9947	0.0260719	2.79119	2.79119	8.739	20.9148	2.12735	1
cg14442492	ELL2	0.00353101	0.0736486	1.43631	1.43631	0.964376	0.991923	-1.00814	0.00100543	2.42642	2.42642	0.00200529	2.20717	2.20717	0.765579	1.05579	1.05579	0.26088	0.80823	-1.23727	0.893218	1.02469	1.02469	0.940251	0.986481	-1.0137	0.000658395	2.57928	2.57928	8.15225	4.25651	0.464113	1
cg18890825	ELL2	0.0101839	0.0890304	2.28792	2.28792	0.488859	0.733238	-1.36381	0.346958	0.652216	-1.53323	0.0179621	3.55698	3.55698	0.00690901	4.67816	4.67816	0.0770514	2.38114	2.38114	0.00155997	7.43607	7.43607	0.0221762	3.35391	3.35391	0.0401642	2.84727	2.84727	5.87624	18.1241	2.7416	1
cg12324598	ELL2	0.0104437	0.0260627	0.413595	-2.41782	0.474553	0.784171	-1.27523	0.176671	0.618685	-1.61633	0.225907	0.653677	-1.52981	0.000434312	0.155715	-6.42198	0.191335	0.629707	-1.58804	0.448901	1.29433	1.29433	0.0430895	2.17734	2.17734	0.789052	0.914252	-1.09379	5.82898	10.3184	1.5735	1
cg00335744	ELL2	0.0250926	0.0796299	0.52658	-1.89905	0.2807	0.690969	-1.44724	0.582098	0.832571	-1.2011	0.43256	1.30219	1.30219	0.00365361	0.273614	-3.65478	0.607764	0.843095	-1.18611	0.0209598	0.400212	-2.49868	0.0334365	2.26891	2.26891	0.185177	0.629242	-1.58921	4.35163	7.4907	1.53009	1
cg11686204	ELL2	0.0458356	0.0347864	0.527612	-1.89533	0.0192909	2.08644	2.08644	0.928039	1.02375	1.02375	0.739401	0.916905	-1.09063	0.287578	0.750564	-1.33233	0.0807859	0.604597	-1.654	0.0147334	0.458393	-2.18153	0.295217	0.754207	-1.3259	0.975338	1.00807	1.00807	3.50129	3.74465	0.950671	1
cg12799666	ELL3	0.00272362	0.0146613	0.522098	-1.91535	0.0169555	0.53268	-1.8773	0.0342153	0.58602	-1.70643	0.771352	1.06505	1.06505	0.000749586	0.330856	-3.02246	0.0155811	0.526509	-1.8993	0.000544145	0.312731	-3.19764	0.182156	1.35834	1.35834	0.0403912	0.59925	-1.66875	8.8067	6.52471	0.65856	1
cg14519963	ELL3	0.0216067	0.0214107	0.680156	-1.47025	0.518281	0.91273	-1.09561	0.281622	0.855544	-1.16885	0.610911	1.07416	1.07416	0.516214	0.912306	-1.09612	0.140197	1.24766	1.24766	0.00136992	1.91088	1.91088	0.821628	0.969005	-1.03199	0.406452	0.888329	-1.12571	4.58218	1.41086	0.273689	1
cg03835332	ELL3	0.0231994	0.13268	1.44478	1.44478	0.181292	1.3797	1.3797	0.000523052	3.40866	3.40866	0.849547	1.04401	1.04401	0.26811	0.769808	-1.29903	0.919291	0.977275	-1.02325	0.741255	1.07805	1.07805	0.882624	0.967049	-1.03407	0.327558	0.795161	-1.25761	4.47153	3.64268	0.724123	1
cg18425586	ELMO1	1.34E-05	0.684156	1.06016	1.06016	0.0104246	0.630864	-1.58513	0.236199	0.83753	-1.19399	0.0266647	0.687176	-1.45523	2.36E-07	0.109541	-9.12904	0.205958	1.20994	1.20994	0.0140192	0.64836	-1.54235	0.000532872	2.1601	2.1601	0.00387865	0.573736	-1.74296	37.5989	12.1497	0.287237	1
cg12192582	ELMO1	0.00029877	0.00224983	0.583381	-1.71415	0.101742	0.805236	-1.24187	0.019082	0.705575	-1.41728	5.81E-05	0.372584	-2.68396	0.214202	0.854568	-1.17018	0.12246	1.22393	1.22393	0.000161382	2.3187	2.3187	0.082659	1.26219	1.26219	0.32536	0.885433	-1.12939	20.8239	4.58963	0.171424	1
cg14431020	ELMO1	0.00836609	0.678617	1.09446	1.09446	0.227214	0.759853	-1.31604	0.00115566	0.355497	-2.81296	0.183742	0.736745	-1.35732	0.408617	0.832692	-1.20092	0.567865	0.882435	-1.13323	0.0044827	0.440028	-2.27258	0.0241421	1.79047	1.79047	0.0296021	0.574175	-1.74163	6.25531	4.64929	0.66067	1
cg15947096	ELMO1	0.0192446	0.00546102	2.48368	2.48368	0.820955	1.05805	1.05805	0.0386555	0.550921	-1.81514	0.59594	0.875277	-1.1425	0.0767681	1.63226	1.63226	0.00617738	0.411061	-2.43273	0.701007	0.908429	-1.1008	0.804509	0.940133	-1.06368	0.805746	1.06325	1.06325	4.76639	4.6778	0.872367	1
cg00159100	ELMO1	0.0235819	0.0128554	0.523498	-1.91023	0.774978	0.941719	-1.06189	0.00852058	2.02053	2.02053	0.571354	1.12732	1.12732	0.852703	0.961808	-1.03971	0.202711	0.754461	-1.32545	0.0124731	1.91803	1.91803	0.353888	0.818866	-1.2212	0.640841	0.906253	-1.10344	4.44635	3.09099	0.617933	1
cg25666995	ELMO1	0.0252141	0.933508	0.969471	-1.03149	0.0102814	0.300693	-3.32565	0.0168023	0.338183	-2.95698	0.669544	0.852555	-1.17294	0.0023003	0.205357	-4.86957	0.7271	0.877935	-1.13904	0.971231	0.986689	-1.01349	0.277442	0.657252	-1.52149	0.0259999	0.374642	-2.66922	4.34432	9.49922	1.94363	1
cg17350006	ELMO1	0.0391474	0.113506	1.28079	1.28079	0.313155	1.16174	1.16174	0.0825246	1.31832	1.31832	0.00283447	1.80521	1.80521	0.745882	0.954346	-1.04784	0.11224	1.28211	1.28211	0.070861	0.748238	-1.33647	0.834307	1.03056	1.03056	0.234754	1.19599	1.19599	3.71244	1.21424	0.290733	1
cg11372090	ELMO1	0.0434595	0.0157534	0.659413	-1.5165	0.688027	1.05845	1.05845	0.0054445	1.67297	1.67297	0.168852	0.813581	-1.22913	0.60791	0.929762	-1.07554	0.788908	0.962941	-1.03849	0.236558	0.839849	-1.19069	0.352467	1.14414	1.14414	0.726427	0.951768	-1.05068	3.57169	1.12031	0.278812	1
cg19118812	ELMO1;ELMO1	0.0116206	0.0389009	0.685727	-1.45831	0.000335145	0.401423	-2.49114	0.81421	0.963536	-1.03784	0.482932	0.893585	-1.11909	0.845077	0.969602	-1.03135	0.376428	1.15399	1.15399	0.0376327	0.683501	-1.46306	0.826757	0.966005	-1.03519	0.219174	1.22618	1.22618	5.63182	2.22083	0.350521	1
cg11673505	ELMO1;ELMO1;ELMO1	0.0029287	0.003383	0.507912	-1.96885	0.0824724	0.721103	-1.38676	0.00258783	0.491747	-2.03357	0.012171	0.587927	-1.70089	0.000646355	0.410799	-2.43428	0.002148	0.480612	-2.08068	0.00888872	0.567811	-1.76115	0.0686595	0.707207	-1.41401	0.00480254	0.529331	-1.88918	8.61945	3.9449	0.406821	1
cg01441421	ELMO1;ELMO1;ELMO1	0.0227128	0.0317201	0.515408	-1.94021	0.39422	0.794766	-1.25823	0.117495	0.639212	-1.56443	0.455411	0.818635	-1.22155	0.000446777	0.232712	-4.29716	0.159206	0.672995	-1.48589	0.107673	0.629951	-1.58743	0.847454	0.95057	-1.052	0.12293	0.644083	-1.5526	4.50431	4.94278	0.975418	1
cg01579884	ELMO1;ELMO1;ELMO1	0.0235812	0.638495	0.878167	-1.13874	0.00482454	2.79145	2.79145	0.963549	1.01263	1.01263	0.0454811	0.532704	-1.87722	0.592866	1.15972	1.15972	0.932999	1.02335	1.02335	0.0379231	0.516443	-1.93632	0.0251016	2.07819	2.07819	0.289009	0.739203	-1.35281	4.44639	5.30825	1.06119	1
cg25505605	ELMO2;ELMO2	0.000246044	0.00058876	0.466871	-2.14192	0.0201602	1.49483	1.49483	0.001181	0.505352	-1.97882	0.00277224	0.55326	-1.80747	2.30E-05	0.296704	-3.37036	0.0917205	1.30522	1.30522	0.0772902	0.754458	-1.32546	0.138395	0.795442	-1.25716	0.796602	1.03775	1.03775	17.3653	5.66007	0.289726	1
cg14153511	ELMO2;ELMO2	0.00241996	0.50517	0.766962	-1.30385	0.525939	0.777118	-1.28681	0.0493529	2.4113	2.4113	0.00474225	0.229525	-4.35682	0.000207333	0.0874174	-11.4394	?	?	?	0.574441	0.800421	-1.24934	0.895053	1.05315	1.05315	0.0043001	0.223543	-4.47341	9.32506	20.2118	2.16747	1
cg20239391	ELMO2;ELMO2	0.035103	0.129106	0.709052	-1.41033	0.0225829	1.77273	1.77273	0.0183905	1.8216	1.8216	0.428444	1.1847	1.1847	0.292532	0.795367	-1.25728	0.44047	0.84795	-1.17931	0.881677	1.03172	1.03172	0.537713	1.13977	1.13977	0.0181802	0.548129	-1.82439	3.86302	2.6893	0.618813	1
cg20662906	ELMO2;ELMO2	0.0482995	0.556077	0.847892	-1.17939	0.798945	1.07329	1.07329	0.00835069	2.54478	2.54478	0.147908	1.53755	1.53755	0.474973	0.817638	-1.22303	0.697345	0.897353	-1.11439	0.00949378	0.402255	-2.48598	0.504052	1.2067	1.2067	0.805239	1.07086	1.07086	3.43288	4.17543	1.08116	1
cg01150936	ELMO3	0.0001682	1.81E-05	0.26054	-3.83819	0.42779	1.13252	1.13252	0.0238088	0.660581	-1.51382	0.0001419	0.364649	-2.74237	0.00825166	0.594944	-1.68083	0.0978456	0.756427	-1.32201	0.000110648	0.351505	-2.84491	0.693676	1.06274	1.06274	0.00207551	0.513573	-1.94714	19.2527	7.20425	0.332617	1
cg06494642	ELMO3	0.00146131	0.00221706	3.9386	3.9386	0.000593321	5.45073	5.45073	0.0115448	2.74565	2.74565	0.0288755	2.27937	2.27937	0.0114255	2.75157	2.75157	0.0216596	2.41471	2.41471	0.000449174	5.8687	5.8687	0.00125797	4.50768	4.50768	0.00255729	3.81079	3.81079	10.5587	17.0977	1.43938	1
cg03200734	ELMO3	0.00283823	0.984992	1.00295	1.00295	0.0199194	0.643817	-1.55324	0.831884	0.967235	-1.03388	0.0232143	0.653626	-1.52993	0.000385836	0.41169	-2.42901	0.00158027	0.491172	-2.03595	0.0511655	1.41625	1.41625	0.0332787	0.677117	-1.47685	0.028352	0.666591	-1.50017	8.69998	3.38381	0.345728	1
cg26178184	ELMO3	0.00384946	0.00156654	3.54065	3.54065	0.00656282	2.67116	2.67116	0.000889975	3.99544	3.99544	0.00108336	3.82832	3.82832	0.292807	1.35487	1.35487	0.306176	1.34289	1.34289	0.383085	1.28262	1.28262	0.011424	2.41308	2.41308	0.0771811	1.72771	1.72771	7.94372	9.74266	1.09019	1
cg08721338	ELMO3	0.00468161	0.0020999	14.1051	14.1051	0.00650149	8.70155	8.70155	0.0331639	4.58707	4.58707	0.0193365	5.64209	5.64209	0.00562622	9.23583	9.23583	0.866351	0.902099	-1.10853	0.00200448	14.4018	14.4018	0.00969481	7.40146	7.40146	0.00949283	7.46412	7.46412	7.4872	44.3672	5.26733	1
cg07716847	ELMO3	0.0138731	0.00341145	9.52785	9.52785	0.0119712	5.90673	5.90673	0.0159608	5.31997	5.31997	0.0181635	5.07785	5.07785	0.0782253	3.02937	3.02937	0.368008	1.68846	1.68846	0.0619069	3.29026	3.29026	0.00804048	6.84501	6.84501	0.00935588	6.46887	6.46887	5.31576	27.0176	4.51781	1
cg25341653	ELMO3	0.0186943	0.0141229	3.60668	3.60668	0.0557716	2.50398	2.50398	0.0091742	4.06042	4.06042	0.0107051	3.89066	3.89066	0.466433	1.36874	1.36874	0.141368	1.95395	1.95395	0.0429947	2.68133	2.68133	0.00513188	4.78617	4.78617	0.0153028	3.52906	3.52906	4.81336	13.6745	2.52528	1
cg09899220	ELMO3;E2F4	0.0132966	0.0890886	1.85036	1.85036	0.00419887	3.52003	3.52003	0.0035452	3.65869	3.65869	0.0607805	2.00115	2.00115	0.219217	0.654394	-1.52813	0.828012	1.07402	1.07402	0.0361443	2.22486	2.22486	0.00915814	2.96307	2.96307	0.29714	1.42581	1.42581	5.39025	9.19505	1.51633	1
cg07719604	ELMO3;E2F4	0.0259533	0.0199046	2.05751	2.05751	0.00280393	2.87833	2.87833	0.00553894	2.54916	2.54916	0.0788774	1.6503	1.6503	0.5532	1.16649	1.16649	0.937519	1.02033	1.02033	0.0578976	1.73397	1.73397	0.117449	1.54734	1.54734	0.275099	1.33844	1.33844	4.30077	4.48933	0.927859	1
cg04657684	ELMOD1;ELMOD1	0.00456481	0.0561969	0.578809	-1.72768	0.0978629	1.58275	1.58275	0.5709	1.15582	1.15582	0.576647	0.867092	-1.15328	0.000777015	0.276435	-3.61749	0.0211129	2.01614	2.01614	0.430682	0.815974	-1.22553	0.0043059	2.62522	2.62522	0.839475	1.05262	1.05262	7.5449	7.63945	0.900028	1
cg27347496	ELMOD1;ELMOD1	0.0137846	0.0221937	0.439754	-2.274	0.209902	0.673038	-1.4858	0.349413	0.749286	-1.3346	0.00389442	0.312032	-3.2048	0.0251667	0.450287	-2.22081	0.0720131	0.547855	-1.8253	0.663757	0.877156	-1.14005	0.0135051	2.49971	2.49971	0.506018	1.22409	1.22409	5.32694	7.57511	1.26403	1
cg11927881	ELMOD1;ELMOD1	0.0213156	0.166126	0.371403	-2.69249	0.402832	1.77579	1.77579	0.517513	1.55287	1.55287	0.292211	0.480468	-2.0813	0.0556953	0.233583	-4.28113	0.652171	0.737607	-1.35574	0.148006	0.353124	-2.83187	0.00110888	25.1186	25.1186	0.778602	1.2081	1.2081	4.6035	32.8014	6.33362	1
cg10283695	ELMOD1;ELMOD1	0.0432986	0.102427	0.380552	-2.62776	0.027735	0.244995	-4.08171	0.0515512	0.301802	-3.31343	0.604785	1.32608	1.32608	0.101233	0.379032	-2.6383	0.714822	0.82006	-1.21942	?	?	?	0.0206772	4.50974	4.50974	0.459585	0.665614	-1.50237	3.63164	14.9406	4.11402	1
cg00488260	ELMOD1;ELMOD1;ELMOD1;LOC643923;ELMOD1	0.0417733	0.630542	0.811164	-1.2328	0.286848	1.61224	1.61224	0.1537	1.93408	1.93408	0.153411	1.93511	1.93511	0.00716522	0.223257	-4.47915	0.0880567	2.25451	2.25451	0.27849	1.62685	1.62685	0.826647	0.909626	-1.09935	0.0583162	0.396939	-2.51928	3.62459	10.7065	2.62564	1
cg19320505	ELMOD1;ELMOD1;LOC643923	0.0067278	0.98595	0.998732	-1.00127	0.0078604	0.782189	-1.27846	0.776408	0.979699	-1.02072	0.183853	1.10689	1.10689	0.215961	0.910467	-1.09834	0.0381166	0.841025	-1.18903	0.000268871	0.650143	-1.53812	0.359562	1.07021	1.07021	0.96396	0.996751	-1.00326	6.69732	0.550332	0.0730417	1
cg18204760	ELMOD1;LOC643923;ELMOD1	0.000204456	0.974729	1.00612	1.00612	0.0111669	1.84454	1.84454	0.524089	0.88313	-1.13234	0.310384	1.22393	1.22393	0.0034502	0.465562	-2.14794	0.657397	1.08973	1.08973	0.00177865	0.424681	-2.35471	9.16E-06	6.33981	6.33981	0.185184	1.31061	1.31061	18.2617	10.7184	0.521716	1
cg19266910	ELMOD1;LOC643923;ELMOD1	0.00106626	0.45113	0.893576	-1.1191	0.669055	1.06505	1.06505	0.298553	0.853918	-1.17107	0.0319572	1.44536	1.44536	0.00944505	0.617479	-1.61949	0.0544031	0.726229	-1.37698	1.99E-05	0.281931	-3.54697	0.36387	0.87218	-1.14655	0.341386	0.86616	-1.15452	11.5542	3.93065	0.302393	1
cg21068911	ELMOD1;LOC643923;ELMOD1	0.00179409	0.0751157	1.3844	1.3844	0.00456783	0.538049	-1.85857	0.108771	0.750455	-1.33252	0.000366838	0.391977	-2.55117	0.019869	0.630384	-1.58634	0.0730889	0.720315	-1.38828	0.606209	1.08909	1.08909	0.149784	1.28844	1.28844	0.0081448	1.74346	1.74346	9.95127	4.24521	0.3792	1
cg03725852	ELMOD1;LOC643923;ELMOD1	0.00457485	0.00460753	0.765388	-1.30653	0.0092151	0.791041	-1.26416	0.00905378	1.2652	1.2652	0.481852	1.052	1.052	0.206831	1.099	1.099	0.010021	1.25925	1.25925	0.0268191	0.830284	-1.20441	0.694183	1.02842	1.02842	0.264942	1.08587	1.08587	7.53987	0.600446	0.0707876	1
cg22355889	ELMOD1;LOC643923;ELMOD1	0.0243937	0.318549	1.15343	1.15343	0.053532	0.738161	-1.35472	0.00507678	0.59877	-1.67009	0.0401519	1.38864	1.38864	0.0716017	1.3212	1.3212	0.122219	1.26102	1.26102	0.830453	0.970747	-1.03013	0.226986	1.19199	1.19199	0.801302	1.03553	1.03553	4.39455	1.33427	0.269883	1
cg07753891	ELMOD2	0.000603412	0.224042	0.79657	-1.25538	0.310318	1.20554	1.20554	0.213661	1.26259	1.26259	0.103968	0.728655	-1.37239	1.63E-05	0.205966	-4.85517	0.869321	1.02975	1.02975	0.0124289	1.74013	1.74013	0.0809277	1.41143	1.41143	0.0814421	1.41044	1.41044	13.5624	6.81057	0.446369	1
cg03944266	ELMOD2	0.00153405	0.843609	1.03426	1.03426	0.371306	1.16947	1.16947	0.316662	1.19308	1.19308	0.019264	0.61705	-1.62062	3.86E-05	0.260535	-3.83825	0.017593	0.611026	-1.63659	0.0351617	0.658051	-1.51964	0.246019	1.22987	1.22987	0.907966	1.01992	1.01992	10.4121	4.79596	0.409437	1
cg22925553	ELMOD2	0.00694952	0.10011	0.678683	-1.47344	0.0455691	0.610645	-1.63761	0.152434	0.719096	-1.39063	0.450455	0.847528	-1.1799	0.000235052	0.269336	-3.71284	0.0291192	0.575104	-1.73882	0.00915818	0.490639	-2.03816	0.42241	1.19279	1.19279	0.752619	1.07039	1.07039	6.63006	4.86007	0.651587	1
cg17633449	ELMOD2;ELMOD2	0.000705447	?	?	?	?	?	?	0.598149	1.23657	1.23657	?	?	?	0.00297999	0.180673	-5.53486	0.00013164	0.0547682	-18.2588	?	?	?	0.291499	1.55093	1.55093	0.00357303	0.191342	-5.22624	18.1047	24.7872	1.91674	1
cg01727105	ELMOD3;ELMOD3;ELMOD3;ELMOD3	0.0284553	0.136516	0.423047	-2.3638	0.373803	1.63167	1.63167	0.287444	0.553036	-1.8082	0.491462	1.45463	1.45463	0.000804058	0.0663671	-15.0677	0.735934	0.833996	-1.19905	0.345797	0.594101	-1.68322	0.609074	1.31866	1.31866	0.0687455	0.335376	-2.98173	4.16403	18.9677	4.049	1
cg22670485	ELMOD3;ELMOD3;ELMOD3;RETSAT;ELMOD3	0.00332421	0.00696892	3.54956	3.54956	0.000290179	0.093968	-10.6419	0.668962	0.867929	-1.15217	?	?	?	0.144161	0.589037	-1.69769	0.0167031	2.81723	2.81723	0.576447	0.830172	-1.20457	0.809052	0.923478	-1.08286	0.520008	0.806261	-1.24029	12.3049	17.8148	1.08584	1
cg16324018	ELMOD3;ELMOD3;ELMOD3;RETSAT;ELMOD3	0.00764913	0.00283583	0.152565	-6.55457	0.00337208	0.161363	-6.1972	0.0611518	0.380891	-2.62542	0.974374	1.0148	1.0148	0.0327009	0.318795	-3.13682	0.431394	1.44392	1.44392	0.00439483	0.17556	-5.69606	0.329091	0.630793	-1.58531	0.00750218	0.207147	-4.8275	6.43417	21.3255	2.94614	1
cg16791210	ELMOD3;ELMOD3;ELMOD3;RETSAT;ELMOD3	0.0319336	0.0537259	0.413867	-2.41623	0.0210527	0.327052	-3.05762	0.501006	0.759509	-1.31664	0.405077	0.709571	-1.4093	0.0605287	0.426401	-2.34521	0.041806	0.388699	-2.57268	0.00390487	0.209159	-4.78106	0.00890097	0.261701	-3.82115	0.284462	0.639024	-1.56489	3.99685	10.2682	2.28363	1
cg25130728	ELN;ELN;ELN;ELN;ELN	0.0125658	0.139487	0.663377	-1.50744	0.348527	1.28285	1.28285	0.0741118	0.598308	-1.67138	0.267237	0.742084	-1.34756	0.00036083	0.228457	-4.37719	0.0791714	0.604711	-1.65368	0.365209	0.786537	-1.2714	0.736839	1.09094	1.09094	0.0210384	0.488566	-2.04681	5.49065	5.79208	0.937688	1
cg00817377	ELN;ELN;ELN;ELN;ELN	0.0361773	0.184808	0.671676	-1.48881	0.313179	1.34338	1.34338	0.0295483	0.484308	-2.0648	0.722039	1.10636	1.10636	0.170444	0.661605	-1.51147	0.0777169	1.74157	1.74157	0.0103271	2.49506	2.49506	0.120497	0.620931	-1.61049	0.794411	1.0767	1.0767	3.82101	4.84554	1.12723	1
cg27593070	ELOF1	0.00066211	0.0133131	0.82874	-1.20665	0.000224321	0.686553	-1.45655	0.0037792	0.787133	-1.27043	0.0546266	1.14287	1.14287	0.0237063	1.17986	1.17986	0.535749	1.03916	1.03916	0.000346623	0.702905	-1.42267	0.718801	0.978096	-1.02239	0.273834	1.07224	1.07224	13.2152	0.785296	0.0528209	1
cg07637183	ELOF1	0.0132055	0.0047644	0.269266	-3.7138	0.0234341	0.387553	-2.58029	0.0948388	0.525871	-1.90161	0.0412015	0.438418	-2.28093	0.00371249	0.25349	-3.94492	0.022595	0.384454	-2.60109	0.0109009	0.326633	-3.06154	0.857787	1.06481	1.06481	0.0253884	0.394436	-2.53526	5.40238	10.4875	1.72557	1
cg20086579	ELOF1	0.0153941	0.0157662	0.438561	-2.28018	0.62487	0.871708	-1.14717	0.783621	0.926174	-1.07971	0.0541032	0.543851	-1.83874	0.00282793	0.318014	-3.14452	0.00210194	0.299607	-3.3377	0.581391	0.856284	-1.16784	0.89984	0.965525	-1.03571	0.0307514	0.493147	-2.02779	5.13641	6.31491	1.09284	1
cg18732527	ELOF1	0.0165971	0.0128253	1.51666	1.51666	0.173654	1.2154	1.2154	0.12266	0.798184	-1.25284	0.0276149	1.42048	1.42048	0.0677741	1.31748	1.31748	0.586195	0.928604	-1.07689	0.00719495	0.626555	-1.59603	0.36772	1.13279	1.13279	0.291113	1.15908	1.15908	5.00947	1.44083	0.255663	1
cg25667078	ELOF1	0.0180639	0.0101964	0.361269	-2.76802	0.0135609	0.382848	-2.612	0.112512	0.581001	-1.72117	0.0676502	0.525505	-1.90293	0.00330463	0.284315	-3.51723	0.0257807	0.435129	-2.29817	0.0173944	0.402475	-2.48463	0.243137	0.681225	-1.46794	0.0169534	0.400415	-2.49741	4.86932	7.6177	1.3906	1
cg11691571	ELOF1	0.0200817	0.298994	0.862123	-1.15993	0.00827525	0.627918	-1.59256	0.105845	0.783918	-1.27564	0.840122	0.972545	-1.02823	0.13323	0.799925	-1.25012	0.00248297	0.560148	-1.78524	0.0769918	1.3113	1.3113	0.766101	1.04197	1.04197	0.0857144	0.769695	-1.29922	4.69805	1.4133	0.267403	1
cg03649060	ELOF1	0.0412953	0.099711	0.72549	-1.37838	0.00271062	2.08919	2.08919	0.764906	1.05479	1.05479	0.829984	1.03899	1.03899	0.819018	0.960055	-1.04161	0.0642972	0.690904	-1.44738	0.156933	1.30901	1.30901	0.548026	0.897517	-1.11418	0.678694	0.928584	-1.07691	3.64006	1.82394	0.445398	1
cg00001446	ELOVL1	3.31E-07	5.17E-07	0.268048	-3.73067	3.25E-07	0.247081	-4.04725	1.08E-06	0.302242	-3.30861	2.40E-06	0.340267	-2.93887	3.30E-07	0.247748	-4.03636	7.30E-07	0.283916	-3.52217	0.223096	1.12798	1.12798	0.493334	0.936654	-1.06763	3.02E-05	0.464189	-2.15429	97.1649	13.6177	0.124578	1
cg16858125	ELOVL1	0.000382378	0.0115819	0.461343	-2.16758	0.138232	0.676276	-1.47869	0.000404968	0.252132	-3.96618	0.134631	0.673467	-1.48485	2.69E-05	0.131064	-7.62986	0.00430913	0.392442	-2.54815	0.000362271	0.246313	-4.05987	0.0278904	0.528988	-1.8904	0.000796288	0.288959	-3.46069	15.3901	14.6396	0.845545	1
cg08541862	ELOVL1	0.0230703	0.161832	0.70523	-1.41798	0.342629	1.25681	1.25681	0.153579	0.699628	-1.42933	0.178482	0.715913	-1.39682	0.000968105	0.317193	-3.15266	0.0390659	0.572148	-1.7478	0.131246	0.683224	-1.46365	0.645738	1.11428	1.11428	0.0501061	0.593203	-1.68576	4.48014	3.87813	0.769445	1
cg09934326	ELOVL1	0.0307843	0.0519064	0.385585	-2.59346	0.237355	1.70465	1.70465	0.546598	1.30066	1.30066	0.00236742	0.16095	-6.2131	0.0398046	0.359146	-2.78438	0.667528	1.20465	1.20465	0.832737	1.0954	1.0954	0.0743122	0.424517	-2.35562	0.314753	0.638962	-1.56504	4.04949	11.9062	2.61348	1
cg16323298	ELOVL2	1.15E-05	4.06E-05	2.92759	2.92759	0.328899	0.87093	-1.1482	0.169887	1.22201	1.22201	0.679684	1.05859	1.05859	0.000653911	0.488492	-2.04712	0.000106876	2.55352	2.55352	0.000709812	0.492953	-2.02859	1.54E-06	5.28583	5.28583	0.486749	0.907637	-1.10176	39.1502	11.6619	0.264778	1
cg24724428	ELOVL2	0.00195268	0.00358819	21.8686	21.8686	0.00579654	16.898	16.898	0.0420868	6.24666	6.24666	0.00149635	35.9049	35.9049	0.247454	0.388325	-2.57516	0.897367	1.10622	1.10622	0.0391555	0.154565	-6.46976	0.000750061	54.5952	54.5952	0.974853	1.02496	1.02496	9.70936	94.0948	8.61435	1
cg08683088	ELOVL2	0.00522953	0.0247185	0.404543	-2.47193	0.0261271	0.409328	-2.44303	0.0193798	0.384089	-2.60356	0.0387547	0.444856	-2.24792	0.0210311	0.390864	-2.55843	0.00610381	0.297771	-3.35828	0.000432809	0.152032	-6.57758	0.0032831	0.257717	-3.88023	0.0313194	0.42533	-2.35112	7.2386	13.1319	1.61258	1
cg21572722	ELOVL2	0.00620157	0.0807342	2.11537	2.11537	0.00839712	3.67822	3.67822	0.0145619	3.20297	3.20297	0.00399805	4.46604	4.46604	0.641339	0.834034	-1.19899	0.397367	1.39827	1.39827	0.0410163	0.401642	-2.48978	0.00204805	5.36988	5.36988	0.716224	1.15168	1.15168	6.86866	16.2792	2.10673	1
cg18000445	ELOVL2	0.00676677	0.00575482	0.0749596	-13.3405	0.00347661	0.0584768	-17.1008	0.114673	0.292831	-3.41494	0.08023	0.249253	-4.01199	0.010836	0.101199	-9.88156	0.109527	0.286783	-3.48696	0.00118529	0.033248	-30.077	0.00823397	0.0889682	-11.24	0.011582	0.104377	-9.58062	6.6853	54.2602	7.21452	1
cg16867657	ELOVL2	0.0104565	0.0252218	5.3276	5.3276	0.0113464	7.33474	7.33474	0.0318869	4.85857	4.85857	0.025659	5.29163	5.29163	0.282891	0.495901	-2.01653	0.341041	1.85287	1.85287	0.0167121	0.159409	-6.27318	0.0106219	7.53507	7.53507	0.754106	1.21837	1.21837	5.8267	36.4633	5.56265	1
cg25151806	ELOVL2	0.0104865	0.460069	0.745483	-1.34141	0.00618095	0.247952	-4.03303	0.0978012	0.491976	-2.03262	0.204929	0.593137	-1.68595	0.000363883	0.107399	-9.31106	0.701728	0.860469	-1.16216	0.674779	0.848062	-1.17916	0.627863	1.21016	1.21016	0.0238361	0.348836	-2.86668	5.82134	14.0605	2.14697	1
cg23642061	ELOVL2	0.0292091	0.94596	0.984297	-1.01595	0.221423	0.740735	-1.35001	0.579677	0.877542	-1.13955	0.429693	1.20711	1.20711	0.699984	1.09462	1.09462	0.600138	1.13146	1.13146	0.0645677	0.61583	-1.62383	0.00096594	3.14951	3.14951	0.475842	1.18447	1.18447	4.12573	3.56258	0.767559	1
cg13562911	ELOVL2	0.0297276	0.411394	1.26423	1.26423	0.0322473	0.496583	-2.01376	0.582009	1.16787	1.16787	0.156554	0.655066	-1.52656	0.0844434	0.586971	-1.70366	0.210687	0.692011	-1.44506	0.00821641	0.389138	-2.56978	0.0520971	1.85294	1.85294	0.0585476	0.550718	-1.81581	4.10008	5.05974	1.09694	1
cg21649660	ELOVL2	0.0354982	0.860898	0.964389	-1.03693	0.0115139	0.520282	-1.92203	0.0243734	0.574282	-1.7413	0.254778	1.27867	1.27867	0.206112	1.31747	1.31747	0.105571	1.44127	1.44127	0.0956551	1.45995	1.45995	0.158484	0.732241	-1.36567	0.565802	0.886914	-1.12751	3.84738	2.60432	0.601695	1
cg22143569	ELOVL2;ELOVL2	0.0148836	0.669728	1.14978	1.14978	0.384263	1.3367	1.3367	0.706755	1.13082	1.13082	0.19762	0.642103	-1.55738	0.0070542	0.322123	-3.10441	0.00505318	0.29939	-3.34013	0.197117	1.55825	1.55825	0.0149561	2.64672	2.64672	0.731012	1.1188	1.1188	5.19406	8.7049	1.48972	1
cg18390025	ELOVL3	0.00107694	0.0308081	2.32271	2.32271	0.0179066	0.384389	-2.60153	0.990488	1.00397	1.00397	0.113754	1.7714	1.7714	0.000159603	0.117181	-8.53382	0.00458825	3.50382	3.50382	0.462433	0.779924	-1.28218	0.0050705	3.42509	3.42509	0.952325	1.02007	1.02007	11.5215	20.1473	1.55437	1
cg10307119	ELOVL3	0.00859978	0.0693379	0.712779	-1.40296	0.285742	1.20293	1.20293	0.208071	0.801568	-1.24756	0.0277538	0.648229	-1.54266	0.736947	1.05779	1.05779	0.81209	1.04049	1.04049	0.0259748	1.55336	1.55336	0.000546958	0.408646	-2.4471	0.969991	1.00629	1.00629	6.2011	2.72734	0.390948	1
cg00431050	ELOVL3	0.0271853	0.464019	0.794267	-1.25902	0.00335592	3.43279	3.43279	0.0515715	1.98341	1.98341	0.123219	1.67542	1.67542	0.149188	0.620002	-1.6129	0.816352	1.07454	1.07454	0.183283	0.64638	-1.54708	0.0359823	2.12533	2.12533	0.31475	1.3789	1.3789	4.2315	6.40114	1.34465	1
cg18288462	ELOVL3;ELOVL3	0.000479116	0.0476834	1.68124	1.68124	0.0018209	0.361802	-2.76394	0.000764789	0.310502	-3.22059	0.0111024	0.481671	-2.07611	0.000261276	0.252282	-3.96382	0.00650885	0.444287	-2.2508	0.000547365	0.29174	-3.42771	0.0754928	1.57454	1.57454	0.21813	0.742894	-1.34609	14.4606	12.0545	0.740986	1
cg05391011	ELOVL3;ELOVL3	0.0130418	0.114485	0.706222	-1.41599	0.229574	0.774578	-1.29103	0.0997106	1.44132	1.44132	0.00594161	0.482428	-2.07285	0.121652	0.711778	-1.40493	0.382437	0.834028	-1.199	0.000704966	0.351283	-2.84671	0.361707	0.826985	-1.20921	0.361451	0.826896	-1.20934	5.42446	3.52698	0.577956	1
cg08322034	ELOVL4	0.000504855	0.602045	0.951931	-1.0505	0.000461237	1.6755	1.6755	0.0622868	1.21713	1.21713	0.893123	0.987492	-1.01267	0.0160978	0.758994	-1.31753	0.00085254	0.625474	-1.59879	0.000376404	0.587282	-1.70276	0.159574	0.868724	-1.15111	0.0279226	1.27536	1.27536	14.2523	1.97897	0.123425	1
cg02169734	ELOVL4	0.000527165	0.00411441	1.32971	1.32971	5.83E-05	0.576139	-1.73569	0.508374	1.05093	1.05093	0.608996	1.03894	1.03894	0.876094	0.988513	-1.01162	0.000203766	0.630621	-1.58574	0.450888	0.944708	-1.05853	0.421541	1.06268	1.06268	0.77723	1.02122	1.02122	14.0822	1.22273	0.077181	1
cg19439399	ELOVL4	0.00059503	0.493995	1.07105	1.07105	0.0513707	0.80314	-1.24511	1.92E-05	2.35872	2.35872	0.106138	0.839961	-1.19053	0.0340973	0.783177	-1.27685	0.919058	0.990005	-1.0101	0.00938558	0.722165	-1.38473	0.457267	1.07768	1.07768	0.162335	0.862924	-1.15885	13.6154	2.1061	0.137497	1
cg04107099	ELOVL4	0.0248275	0.138938	0.743821	-1.34441	0.609277	0.908661	-1.10052	0.244556	0.79756	-1.25382	0.158515	0.755725	-1.32323	0.00511507	0.502916	-1.9884	0.00439551	0.493301	-2.02716	0.00455992	0.495623	-2.01766	0.166287	0.760131	-1.31556	0.141727	0.745595	-1.34121	4.36773	2.38832	0.486052	1
cg08356243	ELOVL4	0.0467342	0.28575	1.39097	1.39097	0.623294	1.15877	1.15877	0.0716595	0.549552	-1.81966	0.170376	0.647524	-1.54434	0.00970447	0.377629	-2.6481	0.356858	1.32586	1.32586	0.147502	0.629653	-1.58818	0.0595768	1.883	1.883	0.230827	0.687881	-1.45374	3.47583	4.87714	1.24725	1
cg25514947	ELOVL5	6.24E-06	9.65E-05	0.43372	-2.30564	0.58168	1.06931	1.06931	0.149862	1.20434	1.20434	0.00932866	0.672239	-1.48757	7.82E-08	0.116684	-8.57016	0.00475482	0.636672	-1.57067	0.292422	0.876737	-1.14059	0.305647	1.13626	1.13626	0.654217	1.0558	1.0558	45.8329	10.5283	0.204187	1
cg16946445	ELOVL5	1.37E-05	4.96E-06	0.449559	-2.2244	0.795316	0.980235	-1.02016	0.00699176	0.765002	-1.30719	0.051524	0.843494	-1.18555	8.61E-07	0.365619	-2.73509	0.155834	0.889938	-1.12367	6.49E-05	0.569285	-1.75659	0.658363	0.966405	-1.03476	0.000110373	0.593023	-1.68627	37.3766	3.49078	0.0830175	1
cg04658615	ELOVL5	0.000173808	0.166721	0.695027	-1.43879	0.0374109	1.81482	1.81482	0.729153	0.917803	-1.08956	0.751223	0.924518	-1.08164	0.0346426	0.544554	-1.83637	0.00046116	0.256613	-3.89692	7.37E-06	0.0874096	-11.4404	0.280817	0.758348	-1.31866	0.00027499	0.229904	-4.34964	19.0828	18.4027	0.857211	1
cg13636408	ELOVL5	0.000602847	6.53E-06	0.0701922	-14.2466	0.879814	1.04086	1.04086	0.231323	1.39415	1.39415	0.78792	0.931125	-1.07397	0.916867	1.02802	1.02802	0.843253	1.05379	1.05379	0.841391	0.948353	-1.05446	0.704181	0.903971	-1.10623	0.0885146	1.64433	1.64433	13.566	15.0496	0.986105	1
cg00024396	ELOVL5	0.00155774	0.139595	0.879816	-1.1366	0.0758701	0.852892	-1.17248	0.00082858	0.666669	-1.49999	0.000286846	0.62074	-1.61098	0.000397021	0.634975	-1.57487	0.0999217	0.864844	-1.15628	0.617185	0.960224	-1.04142	0.171044	1.12456	1.12456	0.658904	0.964852	-1.03643	10.3662	1.06504	0.0913266	1
cg27599958	ELOVL5	0.0018151	0.124474	0.846204	-1.18175	0.00176637	0.639442	-1.56386	0.00111324	0.617418	-1.61965	0.205059	1.14367	1.14367	0.503322	1.07057	1.07057	0.590417	1.05607	1.05607	0.000635451	0.590484	-1.69353	0.082934	1.21259	1.21259	0.190245	1.14944	1.14944	9.91772	1.58325	0.141901	1
cg11901833	ELOVL5	0.0023828	0.254315	0.802769	-1.24569	0.000404709	0.354264	-2.82276	0.541944	0.892308	-1.12069	0.455691	0.869163	-1.15053	0.0157169	0.579042	-1.72699	0.002732	0.466049	-2.1457	0.00370437	2.06222	2.06222	0.585693	1.10693	1.10693	0.120268	0.732683	-1.36485	9.16044	4.942	0.47955	1
cg18564099	ELOVL5	0.01786	0.977232	1.00329	1.00329	0.481708	0.920955	-1.08583	0.407017	1.1026	1.1026	0.333329	0.891449	-1.12177	0.00376015	0.637395	-1.56889	0.114918	1.21823	1.21823	0.00177894	0.599143	-1.66905	0.269982	0.876108	-1.14141	0.646921	0.94828	-1.05454	4.88794	1.02645	0.186663	1
cg13529912	ELOVL5	0.0192929	0.335806	0.614372	-1.62768	0.503635	1.39533	1.39533	0.0832039	2.56357	2.56357	0.442115	1.46917	1.46917	0.000609341	0.0748412	-13.3616	0.305959	1.6825	1.6825	0.648845	0.798492	-1.25236	0.182543	0.499394	-2.00243	0.943133	1.03564	1.03564	4.76235	18.172	3.39178	1
cg09387914	ELOVL5	0.0330759	0.757054	1.10709	1.10709	0.000960528	5.0146	5.0146	0.098355	1.81188	1.81188	0.37962	1.34381	1.34381	0.778713	0.911774	-1.09676	0.401384	1.32526	1.32526	0.987768	1.00504	1.00504	0.0169366	2.59869	2.59869	0.67651	1.14749	1.14749	3.94679	6.71954	1.51336	1
cg12297970	ELOVL5	0.0332635	0.576449	0.883682	-1.13163	0.212254	0.749828	-1.33364	0.368602	0.816803	-1.22428	0.37861	1.21889	1.21889	0.380393	1.21795	1.21795	0.197767	0.74207	-1.34758	0.00289507	0.407633	-2.45319	0.407842	0.830671	-1.20385	0.0063016	0.458568	-2.1807	3.93878	2.99539	0.675989	1
cg20419072	ELOVL5	0.0371117	0.515246	0.875733	-1.1419	0.687776	1.08464	1.08464	0.209366	0.766367	-1.30486	0.796091	0.949253	-1.05346	0.152677	0.734877	-1.36077	0.488014	0.867892	-1.15222	0.000536333	0.33849	-2.95429	0.352959	0.825128	-1.21193	0.583717	0.894679	-1.11772	3.7857	2.42499	0.569392	1
cg18681426	ELOVL5	0.041076	0.00618262	0.0780079	-12.8192	0.0362567	0.17563	-5.6938	0.361928	1.95322	1.95322	0.249763	0.423462	-2.36149	0.174861	0.356691	-2.80355	0.427934	0.560912	-1.78281	0.0201732	0.135108	-7.40149	0.342112	0.496946	-2.01229	0.0199267	0.13436	-7.44268	3.64724	29.4809	7.18495	1
cg15133313	ELOVL5	0.0493046	0.0419212	0.689025	-1.45133	0.936766	1.01269	1.01269	0.543592	1.1026	1.1026	0.013668	1.62342	1.62342	0.638221	1.07814	1.07814	0.637636	1.07829	1.07829	0.0112019	0.60354	-1.65689	0.667877	1.07098	1.07098	0.942064	1.01161	1.01161	3.4062	1.36165	0.355339	1
cg21195414	ELOVL5;ELOVL5	0.00816424	0.0304963	0.467758	-2.13786	0.387927	0.767632	-1.30271	0.0892455	0.571205	-1.75069	0.0041935	0.317851	-3.14613	0.00166785	0.260872	-3.8333	0.00898293	0.370515	-2.69894	0.0216563	0.438702	-2.27945	0.190017	0.660483	-1.51404	0.126831	1.638	1.638	6.30368	8.91568	1.25721	1
cg26675129	ELOVL6;ELOVL6	0.000497822	0.00440429	0.381238	-2.62303	0.532904	1.17376	1.17376	0.05011	0.567447	-1.76228	0.451322	0.823108	-1.21491	8.05E-06	0.0840717	-11.8946	0.213415	0.717234	-1.39425	0.946186	0.983023	-1.01727	0.0816441	1.63152	1.63152	0.051348	0.569632	-1.75552	14.3078	14.5809	0.905854	1
cg06591011	ELOVL6;ELOVL6	0.00390226	0.455639	0.787874	-1.26924	0.324744	0.726819	-1.37586	0.949825	0.980448	-1.01994	0.00684374	0.333201	-3.00119	0.000140038	0.127044	-7.8713	0.0587339	0.511754	-1.95406	0.0138213	0.384935	-2.59784	0.803627	1.08131	1.08131	0.00698879	0.334669	-2.98803	7.91122	12.3353	1.38597	1
cg07959837	ELOVL6;ELOVL6	0.00403996	0.0163681	0.549834	-1.81873	0.251513	0.783342	-1.27658	0.0110419	0.522185	-1.91503	0.151426	0.731025	-1.36794	0.000550412	0.335027	-2.98484	0.0122263	0.529257	-1.88944	0.00339762	0.444113	-2.25168	0.0629773	1.53166	1.53166	0.307161	0.806155	-1.24046	7.82899	5.15153	0.584895	1
cg20589883	ELOVL6;ELOVL6	0.00529765	0.147164	0.690209	-1.44884	0.0446291	1.73242	1.73242	0.788872	0.938036	-1.06606	0.257606	1.32521	1.32521	0.962761	0.988934	-1.01119	0.208564	0.729084	-1.37158	0.417748	0.820891	-1.21819	0.000122424	4.94237	4.94237	0.291587	1.29799	1.29799	7.20996	6.48653	0.7997	1
cg17484629	ELOVL6;ELOVL6	0.0088602	0.00309329	0.348209	-2.87184	0.0539813	1.76834	1.76834	0.00648448	2.51474	2.51474	0.432216	1.23229	1.23229	0.968061	0.98962	-1.01049	0.0230825	0.492614	-2.02999	0.282295	0.7474	-1.33797	0.100828	0.626053	-1.59731	0.22085	0.715057	-1.39849	6.1428	6.60671	0.956018	1
cg19090637	ELOVL6;ELOVL6	0.0118111	0.0316432	0.846932	-1.18073	0.0670834	1.14492	1.14492	0.862634	0.988646	-1.01148	0.41018	0.945978	-1.05711	0.0237724	1.19475	1.19475	0.00479013	0.781241	-1.28002	0.0181249	0.8276	-1.20831	0.932598	0.994438	-1.00559	0.133587	1.11259	1.11259	5.60225	0.385784	0.0612109	1
cg25012761	ELOVL6;ELOVL6	0.0252291	0.831843	0.964853	-1.03643	0.0213111	1.59303	1.59303	0.25828	1.21955	1.21955	0.0218675	0.629452	-1.58868	0.283106	0.828897	-1.20642	0.0808938	0.722031	-1.38498	0.0441585	0.67769	-1.4756	0.359797	1.17167	1.17167	0.0458585	1.46979	1.46979	4.34342	1.94769	0.398598	1
cg03460315	ELOVL6;ELOVL6	0.0366185	0.0615835	1.66242	1.66242	0.0571022	0.594751	-1.68138	0.63357	0.890538	-1.12292	0.419711	1.2202	1.2202	0.253159	1.33388	1.33388	0.113811	0.660146	-1.51482	0.00957323	2.20765	2.20765	0.112776	1.51694	1.51694	0.100034	1.54499	1.54499	3.8042	3.51075	0.820322	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11320318	ELOVL6;ELOVL6	0.0407141	0.833335	1.05375	1.05375	0.283027	1.31939	1.31939	0.878392	0.962668	-1.03878	0.732412	0.918253	-1.08902	0.723148	0.91541	-1.09241	0.0774092	0.613982	-1.62871	0.00266247	0.356133	-2.80794	0.0386419	1.81329	1.81329	0.66925	0.898725	-1.11269	3.65918	3.57823	0.869223	1
cg13581847	ELOVL7;ELOVL7	0.00347401	0.980665	1.00611	1.00611	0.831964	1.05491	1.05491	0.949342	0.984144	-1.01611	0.0383134	0.546698	-1.82916	6.54E-05	0.158256	-6.31889	0.0110144	0.448299	-2.23065	0.0570206	0.58174	-1.71898	0.874829	1.04045	1.04045	0.105502	0.640896	-1.56032	8.19206	8.21071	0.890913	1
cg08463715	ELOVL7;ELOVL7	0.0134562	0.776346	1.1248	1.1248	0.359809	0.677899	-1.47515	0.0271142	0.339532	-2.94523	0.639432	0.822968	-1.21511	0.00648233	0.231938	-4.3115	0.0032179	0.190126	-5.25967	0.221382	0.588156	-1.70023	0.204116	0.575	-1.73913	0.00190335	0.162627	-6.14903	5.36923	14.4986	2.40027	1
cg16298547	ELOVL7;ELOVL7	0.0181977	0.00777323	7.01584	7.01584	0.00518624	8.19151	8.19151	0.0165145	5.30906	5.30906	0.114552	2.65986	2.65986	0.321415	1.79303	1.79303	0.130946	2.53347	2.53347	0.0487569	3.60702	3.60702	0.00895283	6.65267	6.65267	0.0111353	6.13375	6.13375	4.85724	24.9933	4.57385	1
cg02320003	ELOVL7;ELOVL7	0.0190861	0.913149	1.02463	1.02463	0.656413	0.904962	-1.10502	0.813823	0.948745	-1.05402	0.0857472	1.52738	1.52738	0.984171	0.995585	-1.00443	0.711595	0.920513	-1.08635	0.00044975	0.291097	-3.43529	0.204656	1.34785	1.34785	0.560548	1.14027	1.14027	4.77975	3.76562	0.700292	1
cg26657045	ELOVL7;ELOVL7	0.0260581	0.0529161	1.65227	1.65227	0.412661	1.21069	1.21069	0.00217074	0.374525	-2.67005	0.200527	1.36156	1.36156	0.184501	1.37891	1.37891	0.425141	1.20431	1.20431	0.155564	0.706903	-1.41462	0.234358	0.752351	-1.32917	0.592288	1.13133	1.13133	4.29472	3.54405	0.733522	1
cg18609044	ELOVL7;ELOVL7	0.0296759	0.0147119	0.173897	-5.75053	0.772522	0.844623	-1.18396	0.00607885	0.124069	-8.06002	0.0433067	0.258177	-3.87331	0.00737667	0.133792	-7.4743	0.472729	0.653452	-1.53034	0.177889	0.434271	-2.30271	0.373141	0.587049	-1.70344	0.0224133	0.203178	-4.9218	4.10262	22.0535	4.7782	1
cg12954646	ELP2;SLC39A6;SLC39A6	0.015428	0.317254	0.801942	-1.24697	0.0237953	0.562155	-1.77887	0.0744729	1.52846	1.52846	0.746719	0.933155	-1.07163	0.163751	0.728134	-1.37337	0.00118038	0.36212	-2.76151	0.713647	0.92433	-1.08186	0.0918813	1.48613	1.48613	0.545647	1.13947	1.13947	5.13267	3.70511	0.641661	1
cg04820386	ELP2P;GEMIN4	0.000659143	0.00831167	1.95234	1.95234	0.0459083	0.635237	-1.57422	0.0108353	1.88624	1.88624	0.360087	1.20514	1.20514	0.0522133	1.54947	1.54947	0.119222	1.39839	1.39839	0.420783	0.8495	-1.17716	3.90E-05	0.209728	-4.76807	0.136259	0.727343	-1.37487	13.2319	8.2418	0.553667	1
cg12423398	ELP2P;GEMIN4	0.00157384	0.00225333	1.60375	1.60375	0.2693	1.13553	1.13553	0.484828	0.92457	-1.08158	0.44115	0.91688	-1.09066	0.107877	1.21389	1.21389	0.032165	1.31947	1.31947	0.000179245	0.496115	-2.01566	0.0440548	0.774439	-1.29126	0.10098	0.820006	-1.2195	10.3355	1.99802	0.171837	1
cg15448590	ELP2P;GEMIN4	0.00225095	0.0252363	0.767338	-1.30321	0.150001	1.16601	1.16601	0.163004	1.15974	1.15974	0.266749	0.891227	-1.12205	0.0372464	0.78612	-1.27207	0.00259159	0.660046	-1.51505	0.000198703	0.536872	-1.86264	0.0878682	1.2062	1.2062	0.706725	0.96308	-1.03834	9.31465	1.46119	0.13944	1
cg00758533	ELP2P;GEMIN4	0.00266806	0.913028	0.97969	-1.02073	0.0298386	0.618744	-1.61618	0.0835227	1.43297	1.43297	0.838981	1.03895	1.03895	6.83E-05	0.254655	-3.92688	0.0644737	1.47711	1.47711	0.75684	1.06007	1.06007	0.602965	1.10357	1.10357	0.236223	0.792074	-1.26251	8.86048	4.94963	0.49655	1
cg09815927	ELP2P;GEMIN4	0.0178183	0.811318	0.947857	-1.05501	0.570647	1.13693	1.13693	0.000552796	3.32187	3.32187	0.594486	0.886642	-1.12785	0.593574	1.12819	1.12819	0.790847	1.06133	1.06133	0.0097153	2.08017	2.08017	0.441964	0.83899	-1.19191	0.29473	1.27549	1.27549	4.89178	3.8846	0.705874	1
cg16216148	ELP2P;GEMIN4	0.0206555	?	?	?	0.752415	0.806279	-1.24027	0.15359	0.344857	-2.89975	?	?	?	0.0227387	0.137607	-7.26706	0.011438	0.0959805	-10.4188	0.120699	0.30778	-3.24907	0.00315665	0.045177	-22.1351	?	?	?	6.30735	29.2941	4.64445	1
cg15825264	ELP2P;GEMIN4	0.0296372	0.503718	0.808444	-1.23694	0.115427	1.70972	1.70972	0.0164605	2.50549	2.50549	0.0700051	0.530016	-1.88673	0.341529	0.735551	-1.35953	0.214854	0.664202	-1.50557	0.00651951	3.02778	3.02778	0.551039	0.827763	-1.20808	0.780507	1.09149	1.09149	4.10451	6.384	1.38254	1
cg03162032	ELP2P;GEMIN4	0.0495335	0.694478	1.12069	1.12069	0.61786	0.864872	-1.15624	0.454665	1.24585	1.24585	0.723767	1.10786	1.10786	0.690297	0.890828	-1.12255	0.884966	0.959076	-1.04267	0.288248	0.727437	-1.37469	0.0012856	3.87472	3.87472	0.100134	1.682	1.682	3.40022	4.48657	1.17288	1
cg15692687	ELP3	6.30E-05	0.514053	1.12146	1.12146	0.350996	1.18136	1.18136	0.758829	1.0547	1.0547	0.00131345	0.423048	-2.3638	0.637619	0.921173	-1.08557	0.732059	1.06125	1.06125	8.80E-07	0.0685949	-14.5783	0.0349892	0.647187	-1.54515	0.709256	1.06693	1.06693	33.2703	15.4145	0.360352	1
cg23713147	ELP3	0.00105987	0.772545	1.10541	1.10541	0.0581307	0.47689	-2.09692	0.00381532	0.259532	-3.85308	0.019556	0.376959	-2.65281	0.000172484	0.110131	-9.08007	0.566312	0.818364	-1.22195	9.17E-05	0.0892967	-11.1986	0.988182	1.00513	1.00513	0.111137	0.548759	-1.82229	11.5739	21.9158	1.68316	1
cg05621091	ELP3	0.0014145	?	?	?	0.902877	1.0765	1.0765	?	?	?	0.000761885	0.0152281	-65.6681	0.00413605	0.0568994	-17.5749	?	?	?	0.0102748	9.97403	9.97403	0.00853967	11.1185	11.1185	0.00964376	10.3487	10.3487	24.9278	88.0105	2.94219	1
cg25374552	ELP3	0.00469572	0.310581	0.849434	-1.17725	0.232877	1.21478	1.21478	0.363423	1.15636	1.15636	0.341346	1.16474	1.16474	0.19663	0.808692	-1.23656	0.252736	0.830434	-1.20419	0.000135724	0.357947	-2.79371	0.377087	1.15139	1.15139	0.0421635	1.43921	1.43921	7.48035	2.86596	0.340562	1
cg18022570	ELP3	0.007296	0.369164	1.20003	1.20003	0.0432604	1.58353	1.58353	0.945098	1.01371	1.01371	0.0650984	0.664007	-1.50601	0.815735	1.04723	1.04723	0.851877	0.963719	-1.03765	0.000783072	0.366356	-2.72958	0.0152317	1.80262	1.80262	0.0608407	1.51859	1.51859	6.53013	4.04251	0.550272	1
cg02510729	ELP3	0.0135216	0.217405	0.834715	-1.19801	0.314663	1.15576	1.15576	0.107271	0.782905	-1.27729	0.00147243	1.89458	1.89458	0.375152	1.1351	1.1351	0.333393	0.870308	-1.14902	0.0881698	1.29946	1.29946	0.0201346	1.47735	1.47735	0.0387307	1.39549	1.39549	5.36071	1.64558	0.272862	1
cg01209934	ELP3	0.0485586	0.680034	1.04231	1.04231	0.349581	0.90827	-1.10099	0.581779	0.945932	-1.05716	0.237567	1.1316	1.1316	0.0743093	1.21982	1.21982	0.200766	0.873697	-1.14456	0.157531	1.16302	1.16302	0.00571724	0.696235	-1.4363	0.189165	1.14911	1.14911	3.42594	0.541736	0.140558	1
cg18249244	ELP3;ELP3	0.00357872	0.00132181	0.643814	-1.55324	0.00391131	0.693438	-1.44209	0.0335982	1.26361	1.26361	0.00571075	0.710606	-1.40725	0.00492097	0.70386	-1.42074	0.0335975	0.791381	-1.26361	0.152026	0.865326	-1.15563	0.537911	0.942904	-1.06055	0.698618	1.03736	1.03736	8.11955	1.14263	0.12509	1
cg05635455	ELP4;IMMP1L	0.00120732	0.00134446	0.177676	-5.62821	0.00439998	3.16273	3.16273	0.00233193	4.18892	4.18892	0.296803	0.830116	-1.20465	?	?	?	0.470831	0.88548	-1.12933	0.0696391	1.50558	1.50558	0.000267741	0.0510095	-19.6042	0.00967338	2.39518	2.39518	115.104	33.4863	0.109096	1
cg05195750	ELP4;IMMP1L	0.00608877	0.0695228	0.809215	-1.23577	0.572977	0.942338	-1.06119	0.0204442	0.7473	-1.33815	0.616177	0.948663	-1.05411	0.861892	0.982007	-1.01832	0.0096766	0.710804	-1.40686	0.000408267	0.556822	-1.79591	0.09719	0.827114	-1.20902	0.0364741	1.28852	1.28852	6.90776	1.18956	0.153073	1
cg10583382	ELP4;IMMP1L	0.00756797	0.677048	0.942014	-1.06156	0.980722	0.99656	-1.00345	0.000849555	2.04445	2.04445	0.168764	1.2326	1.2326	0.558825	0.919144	-1.08797	0.858062	0.974792	-1.02586	0.400596	1.13056	1.13056	0.0028059	0.555862	-1.79901	0.0593691	1.35465	1.35465	6.45573	2.07964	0.286345	1
cg08111895	ELP4;IMMP1L	0.0273104	0.112113	1.61927	1.61927	0.397516	0.78556	-1.27298	0.00110713	0.262024	-3.81645	0.775824	0.923539	-1.08279	0.395114	0.784548	-1.27462	0.448584	0.806417	-1.24005	0.030905	0.49359	-2.02597	0.176854	0.670355	-1.49175	0.128188	0.63244	-1.58118	4.22468	5.19354	1.09274	1
cg09616795	ELP4;IMMP1L	0.0404897	0.807996	1.03527	1.03527	0.0202928	1.48945	1.48945	0.0707331	1.33312	1.33312	0.19872	1.21334	1.21334	0.400563	1.13034	1.13034	0.0431167	1.39282	1.39282	0.0347544	0.704396	-1.41966	0.793771	0.963385	-1.03801	0.0273422	1.45024	1.45024	3.66665	1.17727	0.285399	1
cg10613426	ELSPBP1	0.000122426	0.0103205	0.393548	-2.54099	0.374944	0.768902	-1.30056	0.000455929	0.203223	-4.92069	0.296852	0.731894	-1.36632	0.0321017	0.484576	-2.06366	0.000625864	0.219192	-4.5622	7.62E-06	0.0585613	-17.0761	4.16E-05	0.1051	-9.5147	0.00628513	0.357994	-2.79334	20.9721	27.66	1.17235	1
cg27538095	ELSPBP1	0.00047395	0.171353	0.824527	-1.21282	0.000755434	0.50829	-1.96738	0.000394037	0.47335	-2.1126	0.919693	0.986728	-1.01345	3.00E-05	0.338838	-2.95126	0.265721	0.857568	-1.16609	0.0633088	1.31875	1.31875	0.0349876	0.722161	-1.38473	0.470012	0.907216	-1.10227	14.5041	4.03203	0.247105	1
cg09928274	ELSPBP1	0.00572092	0.952643	1.02058	1.02058	0.000396325	0.144478	-6.92147	0.196661	0.626112	-1.59716	0.214161	1.56611	1.56611	0.439169	0.762899	-1.31079	0.00410861	0.267026	-3.74495	0.00651576	0.297401	-3.36246	0.5762	1.21372	1.21372	0.217059	0.640519	-1.56123	7.04179	13.1208	1.65625	1
cg01402735	ELTD1	0.000123157	0.00192197	2.73139	2.73139	0.0143357	1.99534	1.99534	0.829273	0.951791	-1.05065	0.028239	0.552811	-1.80894	0.00882384	0.466323	-2.14443	0.0147848	1.98633	1.98633	0.00809602	2.17247	2.17247	4.45E-06	11.2144	11.2144	0.101847	1.50643	1.50643	20.9386	17.3609	0.737009	1
cg18592365	ELTD1	0.000125594	0.119717	1.4073	1.4073	0.0511872	1.56737	1.56737	0.0140376	0.541304	-1.84739	0.169489	0.74364	-1.34474	0.165663	0.74139	-1.34882	0.00472332	2.13756	2.13756	0.0144699	1.84013	1.84013	2.65E-06	9.86253	9.86253	0.0650739	1.52075	1.52075	20.8287	13.5119	0.576636	1
cg14319235	ELTD1	0.000908402	0.000108288	20.3001	20.3001	0.0110097	4.08518	4.08518	0.269572	1.66082	1.66082	0.0405584	2.83932	2.83932	0.364123	0.662648	-1.5091	0.0313706	3.04686	3.04686	0.0391152	2.86767	2.86767	9.05E-05	21.9444	21.9444	0.0201237	3.44533	3.44533	12.0909	37.2836	2.74098	1
cg17750919	ELTD1	0.00141499	0.0173833	1.92849	1.92849	0.00067565	0.307717	-3.24974	0.0317061	0.56494	-1.7701	0.0127642	0.495816	-2.01688	0.00049301	0.290178	-3.44616	0.0214861	0.534551	-1.87073	0.70263	1.09087	1.09087	0.170037	1.3929	1.3929	0.0428405	0.589444	-1.69651	10.6569	8.67848	0.723872	1
cg02154252	ELTD1	0.00584885	0.00606082	4.38247	4.38247	0.537098	1.29389	1.29389	0.32921	0.660246	-1.51459	0.160608	0.539082	-1.855	0.278516	0.628428	-1.59127	0.583174	1.25668	1.25668	0.010341	3.78758	3.78758	0.000459082	9.71862	9.71862	0.468515	1.35536	1.35536	6.99399	18.8264	2.39271	1
cg13175159	ELTD1	0.00666169	0.00445221	3.70026	3.70026	0.0728116	1.994	1.994	0.143445	0.581492	-1.71971	0.219059	1.56164	1.56164	0.766259	0.902304	-1.10827	0.840962	1.07174	1.07174	0.0299468	2.4126	2.4126	0.000360423	7.19288	7.19288	0.221295	1.55794	1.55794	6.71792	12.6526	1.67415	1
cg21113740	ELTD1;ELTD1	3.20E-06	8.02E-07	17.5226	17.5226	0.000797646	2.99432	2.99432	0.0771047	1.53059	1.53059	0.32851	1.24409	1.24409	0.367258	0.81826	-1.2221	0.903226	1.02669	1.02669	5.34E-06	9.32714	9.32714	3.08E-07	25.554	25.554	0.00583542	2.1852	2.1852	54.4443	40.4382	0.660217	1
cg26422458	ELTD1;ELTD1	1.02E-05	2.48E-06	44.0891	44.0891	0.000122536	9.25102	9.25102	0.63416	0.852901	-1.17247	0.902012	0.959945	-1.04173	0.179518	0.623027	-1.60507	0.00212967	4.18943	4.18943	5.40E-05	12.1595	12.1595	1.81E-06	51.7	51.7	0.000981725	5.08584	5.08584	40.3321	70.3609	1.5507	1
cg15084543	ELTD1;ELTD1	0.000178752	2.92E-05	67.0778	67.0778	0.0030268	8.0419	8.0419	0.420704	1.52501	1.52501	0.630236	1.28253	1.28253	0.491911	0.699008	-1.4306	0.00760097	5.81828	5.81828	0.000566358	15.4897	15.4897	2.81E-05	68.5327	68.5327	0.00567668	6.43243	6.43243	18.9386	78.9367	3.70492	1
cg04360793	ELTD1;ELTD1	0.00160083	0.000316467	76.8164	76.8164	0.0175672	8.58625	8.58625	0.303463	2.21028	2.21028	0.217644	2.62502	2.62502	0.491257	1.68242	1.68242	0.0535143	5.11295	5.11295	0.000936304	39.4188	39.4188	0.000225632	96.0327	96.0327	0.0116677	10.4373	10.4373	10.2849	90.1952	7.79527	1
cg04478223	EMB	1.70E-05	0.000416666	0.33877	-2.95186	4.62E-05	0.225881	-4.42711	6.44E-05	0.241694	-4.13746	0.39948	1.1815	1.1815	2.17E-05	0.191814	-5.21339	0.000249595	0.310784	-3.21767	3.70E-06	0.123289	-8.111	0.400527	0.846707	-1.18105	5.85E-05	0.237095	-4.21773	35.3588	20.9392	0.526393	1
cg15950743	EMB	0.000101792	8.87E-06	0.095391	-10.4832	0.00702596	0.427482	-2.33928	8.89E-06	0.0954847	-10.4729	0.713205	1.0942	1.0942	0.182141	0.707999	-1.41243	0.371374	0.799462	-1.25084	0.00553315	0.411064	-2.43271	0.163068	0.695549	-1.43771	0.797276	1.06478	1.06478	22.0356	20.7524	0.837124	1
cg13967697	EMB	0.000215862	0.126724	1.19617	1.19617	0.00528637	0.671204	-1.48986	0.48438	1.0801	1.0801	0.211113	1.15358	1.15358	7.53E-06	2.90948	2.90948	0.0186446	1.36238	1.36238	0.000422174	1.83271	1.83271	0.689907	0.957444	-1.04445	0.0791907	1.23531	1.23531	17.9946	3.35105	0.165534	1
cg20394609	EMB	0.000611383	0.110454	0.736475	-1.35782	0.0245209	1.60177	1.60177	0.690464	1.07293	1.07293	0.717759	0.938163	-1.06591	0.000335546	0.361674	-2.76492	0.000627908	0.396751	-2.52047	0.482933	0.882153	-1.13359	0.00390804	1.97993	1.97993	0.00108281	0.428109	-2.33585	13.5128	6.61802	0.43534	1
cg17959850	EMB	0.0155002	0.0234321	0.369763	-2.70443	0.216387	0.620019	-1.61285	0.0125776	0.319715	-3.12778	0.489724	0.772725	-1.29412	0.400058	0.72867	-1.37236	0.0123661	0.318432	-3.14039	0.00117181	0.173712	-5.75667	0.700794	1.15243	1.15243	0.0392682	0.416272	-2.40228	5.12473	10.9588	1.90082	1
cg02344943	EMB	0.0422808	0.415514	0.773267	-1.29321	0.0496176	0.500563	-1.99775	0.352221	1.34417	1.34417	0.00142432	0.240311	-4.16127	0.377909	0.756145	-1.3225	0.0512748	0.503728	-1.9852	0.509269	0.813143	-1.2298	0.617624	0.855986	-1.16824	0.885527	0.956469	-1.04551	3.60839	5.45527	1.34385	1
cg24807169	EMCN;EMCN	1.27E-05	6.11E-05	0.292078	-3.42374	0.00277884	0.503578	-1.98579	8.10E-06	0.197442	-5.06478	0.00559143	0.545962	-1.83163	4.43E-06	0.172344	-5.80234	1.61E-05	0.22803	-4.38539	1.01E-05	0.207174	-4.82687	0.907784	0.980911	-1.01946	0.00323637	0.512716	-1.9504	38.0962	16.6921	0.389474	1
cg24225051	EMCN;EMCN	0.0109872	0.296259	0.788078	-1.26891	0.0210108	0.54308	-1.84135	0.00210315	0.386278	-2.58881	0.815213	1.05283	1.05283	0.0956162	1.49564	1.49564	0.847092	1.04337	1.04337	0.338617	0.805006	-1.24223	0.0287768	0.567177	-1.76312	0.00406164	0.428146	-2.33565	5.73468	4.39202	0.680773	1
cg10512376	EMCN;EMCN	0.0147336	0.00372217	0.246705	-4.05342	0.938263	0.972711	-1.02806	0.00127067	0.186499	-5.36196	0.560666	0.810462	-1.23386	0.26496	0.660355	-1.51434	0.601153	0.828288	-1.20731	0.170498	0.59371	-1.68433	0.180803	1.66122	1.66122	0.0331913	0.410939	-2.43345	5.21147	10.5306	1.79613	1
cg27019278	EMCN;EMCN	0.0335122	0.0727671	0.493126	-2.02788	0.857926	0.938672	-1.06534	0.0579722	0.469088	-2.1318	0.824724	0.924646	-1.08149	0.00863136	0.306436	-3.26333	0.226519	1.56596	1.56596	0.44453	0.759346	-1.31692	0.0521215	2.18214	2.18214	0.0334864	0.415854	-2.40469	3.92823	7.76114	1.75621	1
cg12532667	EMCN;EMCN	0.0364073	0.00505012	0.254764	-3.9252	0.0218909	0.362651	-2.75747	0.870772	0.941725	-1.06188	0.48568	0.770075	-1.29857	0.0200694	0.355394	-2.81378	0.976282	1.01102	1.01102	0.631003	1.19539	1.19539	0.695034	0.864761	-1.15639	0.0188317	0.350155	-2.85588	3.81221	8.21179	1.91473	1
cg00262446	EMCN;EMCN;EMCN;EMCN	0.0273544	0.0121322	0.153917	-6.49703	0.0183837	0.180471	-5.54107	0.012582	0.156097	-6.40627	0.0524899	0.267223	-3.74219	0.0157376	0.170103	-5.8788	0.0730048	0.302148	-3.30963	0.0312437	0.220308	-4.53909	0.36709	0.574329	-1.74116	0.020434	0.187844	-5.32358	4.22229	23.9553	5.04313	1
cg11779941	EMD	0.0059233	0.00332393	0.370147	-2.70163	0.428901	1.22235	1.22235	0.481382	0.837004	-1.19474	0.00837166	2.31069	2.31069	0.0063365	0.413275	-2.41969	0.0574757	0.586162	-1.70601	0.00633287	0.413236	-2.41993	0.199217	0.713737	-1.40108	0.752035	0.92422	-1.08199	6.96676	6.82003	0.870167	1
cg16622353	EME1;EME1	0.0173707	0.0287563	0.261258	-3.82763	0.0549295	0.322146	-3.10418	0.11453	0.409332	-2.44301	0.0625828	0.336028	-2.97594	0.00533336	0.148047	-6.75461	0.014785	0.209941	-4.76323	0.0026329	0.114583	-8.72733	0.0534405	0.319297	-3.13188	0.0285022	0.260505	-3.8387	4.93372	21.1617	3.81261	1
cg07327144	EME1;EME1;MRPL27	0.000402909	0.0977222	0.726634	-1.37621	0.0164472	0.597366	-1.67402	0.108955	0.735471	-1.35967	0.583697	0.907314	-1.10215	0.00775942	0.548301	-1.82382	8.00E-05	3.4971	3.4971	0.0274107	0.632173	-1.58184	0.00043423	2.6584	2.6584	0.92958	0.984585	-1.01566	15.1699	7.42184	0.434888	1
cg23756381	EME1;EME1;MRPL27	0.00167961	0.00992658	0.430298	-2.32397	0.0872761	0.613349	-1.63039	0.00785461	0.413478	-2.41851	0.271379	0.743441	-1.3451	0.973095	1.00877	1.00877	0.00026905	4.69977	4.69977	0.0517739	0.563783	-1.77373	0.0124345	2.23761	2.23761	0.521861	0.845287	-1.18303	10.1431	10.7691	0.943743	1
cg24500358	EME1;MRPL27;EME1	0.00125603	0.0458134	0.384296	-2.60216	0.681957	1.18782	1.18782	0.743813	1.14682	1.14682	0.630319	1.22455	1.22455	0.391156	0.692791	-1.44344	0.0782197	0.441611	-2.26444	1.41E-05	0.0227622	-43.9324	0.523558	0.763345	-1.31002	0.513014	1.31934	1.31934	11.0271	30.4758	2.45664	1
cg20572838	EME1;MRPL27;EME1	0.0301664	0.385542	1.08072	1.08072	0.719647	1.03195	1.03195	0.634445	1.04268	1.04268	0.00521458	1.37939	1.37939	0.00180242	1.47306	1.47306	0.521379	1.05835	1.05835	0.449534	1.06955	1.06955	0.116547	1.16045	1.16045	0.0373161	1.23478	1.23478	4.07881	0.491884	0.107196	1
cg11513943	EME1;MRPL27;EME1;EME1;EME1	0.014517	0.28851	0.882144	-1.1336	0.0221996	0.731977	-1.36616	0.103148	0.816367	-1.22494	0.855301	0.979439	-1.02099	0.0288594	1.34082	1.34082	0.217574	1.15908	1.15908	0.39062	0.904737	-1.10529	0.0149299	0.711309	-1.40586	0.0108606	1.43907	1.43907	5.23699	1.07427	0.182338	1
cg20940164	EME1;MRPL27;EME1;MRPL27	0.00280613	0.84194	0.946359	-1.05668	0.00521724	2.76694	2.76694	0.275248	0.730926	-1.36813	0.149213	1.53279	1.53279	0.246767	0.715735	-1.39716	0.000397098	0.210756	-4.74483	0.00741184	0.385762	-2.59227	0.0502468	1.85214	1.85214	0.808543	0.935163	-1.06933	8.72932	10.5421	1.07348	1
cg27146824	EME2	0.00793395	0.290825	1.26655	1.26655	0.0205016	0.547838	-1.82536	0.0722759	0.648955	-1.54094	0.124101	1.43184	1.43184	0.000818672	0.33716	-2.96595	0.69627	0.918914	-1.08824	0.0204237	1.8263	1.8263	0.849192	0.959797	-1.04189	0.627759	1.11107	1.11107	6.36072	4.6809	0.654141	1
cg18045461	EMID1	0.00176385	0.161153	0.894762	-1.11761	0.434195	1.06108	1.06108	0.000169663	1.60833	1.60833	0.113282	0.879809	-1.13661	0.0159063	1.24532	1.24532	0.0212887	1.22834	1.22834	0.123444	1.132	1.132	0.0971484	1.14485	1.14485	0.0008332	1.45312	1.45312	10.0004	0.874406	0.0777216	1
cg00601162	EMID1	0.00555529	0.020103	0.709383	-1.40968	0.0178341	0.702826	-1.42283	0.0748857	0.784341	-1.27496	0.118621	0.812664	-1.23052	0.00670469	0.650136	-1.53814	0.0433687	1.3291	1.3291	0.00987544	1.49067	1.49067	0.744994	1.04077	1.04077	0.0735138	1.27676	1.27676	7.10569	1.68736	0.211081	1
cg18036081	EMID1	0.0133697	0.0367536	0.312131	-3.20379	0.000805598	0.0883445	-11.3193	0.0207359	0.262827	-3.80478	0.191841	0.515287	-1.94067	0.0586208	0.358738	-2.78755	0.195283	0.518226	-1.92966	0.0136319	0.231221	-4.32486	0.00954447	0.206946	-4.83218	0.0773872	0.389793	-2.56546	5.38059	19.6245	3.24203	1
cg04206417	EMID1	0.014643	0.0432832	2.9507	2.9507	0.00350972	6.3151	6.3151	0.0142637	4.08307	4.08307	0.149744	2.05206	2.05206	0.356707	0.643243	-1.55462	0.0370135	3.08734	3.08734	0.014662	4.04966	4.04966	0.0073623	4.9913	4.9913	0.500348	1.37495	1.37495	5.22209	17.9191	3.05013	1
cg27112381	EMID1	0.018208	0.0399324	0.731707	-1.36667	0.401935	1.11946	1.11946	0.0101765	1.53158	1.53158	0.212857	0.841489	-1.18837	0.0130852	0.667064	-1.49911	0.0614657	1.31935	1.31935	0.314272	1.14671	1.14671	0.0948464	0.78547	-1.27312	0.809061	1.03236	1.03236	4.85632	1.33088	0.243601	1
cg11408359	EMID1;EMID1	0.0410947	0.0339784	1.32493	1.32493	0.654162	1.0526	1.0526	0.105767	1.22245	1.22245	0.0452984	1.29828	1.29828	0.336599	1.11921	1.11921	0.571718	0.937102	-1.06712	0.925661	1.01067	1.01067	0.00170822	1.66383	1.66383	0.325777	1.12225	1.12225	3.64663	0.746303	0.181916	1
cg17022667	EMID2	0.000216431	0.000505822	0.237931	-4.2029	0.0208183	0.479534	-2.08536	0.000921706	0.270451	-3.69753	0.872773	1.04325	1.04325	0.000197422	0.191553	-5.22048	0.970295	1.00989	1.00989	1.70E-05	0.0971124	-10.2973	0.00568612	0.383575	-2.60705	0.00392264	0.358634	-2.78836	17.9817	19.8749	0.982474	1
cg19247005	EMID2	0.000299637	0.207817	0.771783	-1.2957	0.163677	1.33633	1.33633	0.0459531	0.640073	-1.56232	0.00128551	0.400393	-2.49755	0.0003077	0.318936	-3.13543	0.66238	0.917874	-1.08947	2.47E-05	0.194781	-5.13396	0.00683156	0.504884	-1.98065	0.000615827	0.357552	-2.7968	16.4556	9.91528	0.535598	1
cg02327123	EMID2	0.00379009	0.0212525	0.804684	-1.24272	0.0184817	1.25137	1.25137	0.0108202	1.28556	1.28556	0.080246	1.1645	1.1645	0.151958	1.128	1.128	0.0133666	0.78626	-1.27184	0.352921	0.927731	-1.0779	0.0187243	1.25056	1.25056	0.00389658	1.35662	1.35662	7.98093	0.778467	0.086703	1
cg26831706	EMID2	0.0145415	0.791049	0.960743	-1.04086	0.0323294	1.45932	1.45932	0.0589924	1.37932	1.37932	0.905117	1.01815	1.01815	0.22068	0.823504	-1.21432	0.782072	0.959041	-1.04271	0.00117222	0.487541	-2.05111	0.746205	1.0502	1.0502	0.062239	1.37241	1.37241	5.23408	1.88555	0.320217	1
cg23424003	EMID2	0.0156582	0.822841	0.955508	-1.04656	0.122061	0.711682	-1.40512	0.596736	1.11446	1.11446	0.47777	1.15776	1.15776	0.00154947	0.397021	-2.51876	0.208667	0.764147	-1.30865	0.629197	1.10379	1.10379	0.0271543	1.70021	1.70021	0.0389854	1.62416	1.62416	5.10751	3.33206	0.579898	1
cg27179533	EMID2	0.0161885	0.855674	0.953094	-1.04921	0.250274	0.728321	-1.37302	0.371321	1.27407	1.27407	0.241506	0.723611	-1.38196	0.00074014	0.258698	-3.86552	0.107956	0.629513	-1.58853	0.0182212	0.469384	-2.13045	0.162669	1.48183	1.48183	0.800928	1.06894	1.06894	5.05127	5.57021	0.980209	1
cg04217952	EMID2	0.0314563	0.230648	1.35649	1.35649	0.129327	1.48789	1.48789	0.162244	1.4359	1.4359	0.968473	0.990463	-1.00963	0.0419419	0.566442	-1.76541	0.163842	0.697511	-1.43367	0.00380137	0.388106	-2.57661	0.291049	1.30428	1.30428	0.522314	0.854513	-1.17026	4.01842	3.74147	0.827626	1
cg23657388	EMID2	0.0318353	0.130952	0.43903	-2.27775	0.140999	0.449699	-2.22371	0.869588	1.08648	1.08648	0.247172	0.542932	-1.84185	0.026964	0.266544	-3.75173	0.0333863	0.285109	-3.50743	0.00453185	0.14823	-6.74626	0.00638408	0.16671	-5.99845	0.16233	0.47095	-2.12337	4.00126	16.1459	3.58685	1
cg05065078	EMILIN1	0.000955825	0.00219476	0.574019	-1.7421	0.110869	1.25173	1.25173	0.539958	1.08351	1.08351	0.0744283	0.773435	-1.29293	3.38E-05	0.354037	-2.82457	0.903561	0.984454	-1.01579	0.0880215	1.27551	1.27551	0.172468	0.828869	-1.20646	0.0403584	0.736316	-1.35811	11.9181	3.15366	0.23521	1
cg20516209	EMILIN1	0.0194632	0.0105661	0.289809	-3.45055	0.0403303	2.48952	2.48952	0.288411	1.52868	1.52868	0.979258	0.990039	-1.01006	0.886762	1.0564	1.0564	0.189413	1.70799	1.70799	0.00413726	4.39547	4.39547	0.0402332	2.49095	2.49095	0.888654	0.947484	-1.05543	4.7482	11.1516	2.08764	1
cg02971253	EMILIN1	0.0401	0.0134306	0.505246	-1.97923	0.314576	1.26105	1.26105	0.978511	1.00603	1.00603	0.685778	0.913276	-1.09496	0.140446	0.702097	-1.4243	0.268483	0.773328	-1.29311	0.0831288	1.534	1.534	0.0266395	1.79663	1.79663	0.0986978	0.667765	-1.49753	3.67975	2.89892	0.700269	1
cg21266975	EMILIN2	8.64E-05	0.497826	1.14184	1.14184	0.47537	1.15014	1.15014	0.217045	0.778558	-1.28443	0.0149146	1.78067	1.78067	0.000155828	0.287119	-3.48288	0.958153	0.989938	-1.01016	0.000239801	3.22737	3.22737	8.67E-06	6.43987	6.43987	0.785481	1.05399	1.05399	23.0233	13.5434	0.522889	1
cg15017004	EMILIN2	0.00141721	0.0875072	0.57474	-1.73992	0.0860774	0.572999	-1.7452	3.37E-05	10.5858	10.5858	0.951001	0.982119	-1.01821	0.405766	0.779009	-1.28368	0.992994	0.997425	-1.00258	0.0175787	0.428155	-2.3356	0.82478	1.06727	1.06727	0.658473	0.87756	-1.13952	10.6521	14.5435	1.21361	1
cg06769774	EMILIN2	0.00145558	0.00921659	0.423788	-2.35967	0.015796	0.463921	-2.15554	0.0200542	0.482544	-2.07235	0.141503	0.663244	-1.50774	0.000861	0.272651	-3.66769	0.000718905	0.262657	-3.80725	0.000196673	0.196787	-5.08163	0.498758	0.836649	-1.19524	0.00432595	0.371365	-2.69277	10.5706	11.2929	0.949627	1
cg00093099	EMILIN2	0.00315009	0.00399336	0.171473	-5.83182	0.0329785	0.320956	-3.11569	0.0152333	0.257123	-3.88919	0.390169	1.49373	1.49373	0.0304719	0.313826	-3.18648	0.269705	0.592271	-1.68842	0.00263069	0.14995	-6.66887	0.00328616	6.20541	6.20541	0.100981	0.441069	-2.26722	8.43484	27.7438	2.92373	1
cg21186722	EMILIN2	0.00359414	0.0374132	1.46419	1.46419	0.00203482	0.503227	-1.98717	0.0730357	0.729309	-1.37116	0.84824	1.03071	1.03071	0.000332284	0.400757	-2.49528	0.531737	0.904833	-1.10518	0.137718	1.28706	1.28706	0.849512	0.970456	-1.03044	0.163474	0.790733	-1.26465	8.1091	3.20112	0.350895	1
cg24276681	EMILIN2	0.00405144	0.94434	0.973995	-1.0267	0.164012	0.570975	-1.75139	0.000150288	11.6608	11.6608	0.022864	0.35788	-2.79424	0.0712188	0.467465	-2.1392	0.937384	1.03009	1.03009	0.121396	0.530613	-1.88461	0.338144	0.688934	-1.45152	0.869661	0.939909	-1.06393	7.82229	17.6422	2.00478	1
cg18959007	EMILIN2	0.00429454	0.836392	1.0385	1.0385	0.284556	1.22519	1.22519	0.0661195	1.45733	1.45733	0.81178	1.04455	1.04455	0.338185	1.19767	1.19767	0.408097	1.16718	1.16718	0.95036	0.98869	-1.01144	4.11E-05	4.1729	4.1729	0.197988	1.2822	1.2822	7.68579	4.06295	0.469894	1
cg24948962	EMILIN2	0.00670436	0.00611402	0.200097	-4.99757	0.00609148	0.199874	-5.00316	0.0332382	3.06212	3.06212	0.0210232	0.287035	-3.48389	0.0206954	0.285758	-3.49946	0.0470221	0.359828	-2.77911	0.0126582	0.248193	-4.02913	0.0565471	0.378846	-2.63959	0.0207303	0.285895	-3.49779	6.7046	21.4688	2.84631	1
cg05102581	EMILIN2	0.00748775	0.852114	1.04936	1.04936	0.3517	0.780814	-1.28072	0.297844	0.756843	-1.32128	0.624755	1.13571	1.13571	0.0404707	0.542871	-1.84206	0.0327354	1.9059	1.9059	0.0051572	0.385395	-2.59474	0.00141323	3.29651	3.29651	0.762786	1.08128	1.08128	6.47732	6.83659	0.938191	1
cg25024210	EMILIN2	0.010819	0.0611754	0.75282	-1.32834	0.725978	0.953749	-1.04849	0.0412202	1.37291	1.37291	0.192421	1.20403	1.20403	0.000686693	0.49772	-2.00916	0.563687	1.08172	1.08172	0.478757	1.10176	1.10176	0.199625	0.833294	-1.20006	0.0654203	0.757061	-1.3209	5.76322	1.65317	0.254976	1
cg07483811	EMILIN2	0.0168526	0.299265	0.669849	-1.49287	0.0179671	2.91809	2.91809	0.957129	0.980176	-1.02022	0.872998	1.0614	1.0614	0.0374073	0.406723	-2.45867	0.0268285	0.376496	-2.65607	0.297825	0.66899	-1.49479	0.00442431	4.11571	4.11571	0.650163	0.843611	-1.18538	4.98397	10.9508	1.95306	1
cg16181848	EMILIN2	0.0185954	0.280222	0.786313	-1.27176	0.318021	1.24738	1.24738	0.716077	0.924753	-1.08137	0.0784607	0.657952	-1.51987	0.014849	0.526346	-1.89989	0.0013541	0.369149	-2.70894	0.174403	1.36263	1.36263	0.58666	0.889076	-1.12476	0.0610902	0.636337	-1.57149	4.82198	3.50293	0.645733	1
cg09009111	EMILIN2	0.0225958	0.322211	0.87042	-1.14887	0.088201	1.29087	1.29087	0.253257	1.17578	1.17578	0.059245	0.748998	-1.33512	0.351064	0.877876	-1.13911	0.904699	1.01639	1.01639	0.0194011	0.681407	-1.46755	0.0206148	1.45993	1.45993	0.0239281	1.44146	1.44146	4.51232	1.31619	0.259279	1
cg02649514	EMILIN2	0.0286911	0.0808646	0.727914	-1.37379	0.0380293	1.48373	1.48373	0.233451	0.814691	-1.22746	0.911062	0.981836	-1.0185	0.0112543	0.593977	-1.68357	0.978549	1.00442	1.00442	0.0130666	1.65713	1.65713	0.331775	0.848512	-1.17853	0.609558	0.918971	-1.08817	4.15192	1.76979	0.378896	1
cg07431229	EMILIN2	0.0419965	0.988032	0.99443	-1.0056	0.0716893	2.11452	2.11452	0.6125	0.826798	-1.20949	0.562376	0.804041	-1.24372	0.132572	0.546438	-1.83003	0.396938	1.38127	1.38127	0.270251	0.652164	-1.53336	0.00212629	4.99138	4.99138	0.810989	0.914651	-1.09331	3.61744	7.94396	1.95202	1
cg13919438	EMILIN3	0.000283175	0.339589	1.17976	1.17976	0.0362655	0.664376	-1.50517	0.0238911	0.635906	-1.57256	0.175173	1.27401	1.27401	0.470773	0.884063	-1.13114	8.96E-06	5.03405	5.03405	0.139337	1.30631	1.30631	0.000900999	2.30341	2.30341	0.707687	1.06531	1.06531	16.7119	7.46648	0.397135	1
cg21184415	EMILIN3	0.00396311	0.947756	1.01189	1.01189	0.355391	0.842363	-1.18714	0.00686215	0.531686	-1.88081	0.397087	0.855158	-1.16937	0.00511279	0.512973	-1.94942	0.186576	1.28743	1.28743	0.000536669	2.64281	2.64281	0.287247	1.22065	1.22065	0.608454	0.91098	-1.09772	7.87445	4.06063	0.458375	1
cg23226129	EMILIN3	0.00744384	0.245791	1.68005	1.68005	0.931646	1.03735	1.03735	0.946637	1.02902	1.02902	0.26751	1.63835	1.63835	0.00842025	0.237349	-4.21321	0.000505994	10.2044	10.2044	0.0474314	0.379358	-2.63603	0.592654	1.25962	1.25962	0.306664	1.57197	1.57197	6.48926	18.7746	2.57171	1
cg07609788	EMILIN3	0.0112047	0.0463967	0.675004	-1.48147	0.00168066	0.461331	-2.16764	0.441829	0.873625	-1.14466	0.125893	0.751792	-1.33015	0.103321	0.735697	-1.35925	0.00697118	1.82445	1.82445	0.832131	1.03724	1.03724	0.244023	0.810606	-1.23365	0.352723	1.17908	1.17908	5.69855	2.67843	0.417796	1
cg25481073	EMILIN3	0.0118498	0.648474	0.883695	-1.13161	0.883974	1.04012	1.04012	0.204807	1.43393	1.43393	0.477695	0.823272	-1.21467	0.15822	1.50138	1.50138	0.000229543	5.1983	5.1983	0.16297	0.66953	-1.49358	0.888745	0.962995	-1.03843	0.765665	0.922636	-1.08385	5.59632	6.43205	1.02163	1
cg03459531	EMILIN3	0.0329928	0.026225	0.465666	-2.14746	0.476281	0.810639	-1.23359	0.00470658	0.33667	-2.97027	0.20944	0.681519	-1.46731	0.22967	0.693974	-1.44098	0.543562	0.83677	-1.19507	0.125571	1.61685	1.61685	0.0897602	1.71963	1.71963	0.151605	0.640634	-1.56095	3.95036	5.25605	1.18269	1
cg05876892	EML1;EML1	0.000766338	0.0823689	0.633322	-1.57898	0.982061	0.994677	-1.00535	0.00557899	0.421435	-2.37285	0.295993	0.773184	-1.29335	1.78E-05	0.124741	-8.01663	0.846954	1.04694	1.04694	0.000624485	0.286801	-3.48674	0.212932	0.732434	-1.36531	0.149003	0.692559	-1.44392	12.6845	11.3203	0.793289	1
cg20686551	EML1;EML1	0.00652889	0.412485	1.1345	1.1345	0.934571	0.987711	-1.01244	0.536002	1.09898	1.09898	0.814336	1.03606	1.03606	0.331751	0.860014	-1.16277	0.000205841	2.55069	2.55069	0.0310936	0.68312	-1.46387	0.0299045	1.46925	1.46925	0.289207	1.1802	1.1802	6.76006	2.42826	0.319295	1
cg07003632	EML1;EML1	0.00774269	0.0739474	0.357369	-2.79823	0.00865476	7.7926	7.7926	0.00820412	8.04214	8.04214	0.00648854	0.107808	-9.27577	?	?	?	0.166517	2.05969	2.05969	0.0915938	0.388424	-2.57451	?	?	?	?	?	?	17.4368	33.2157	1.26995	1
cg27144368	EML1;EML1	0.00997492	0.0143197	0.370718	-2.69747	0.0850609	0.534908	-1.86948	0.00910388	0.336613	-2.97077	0.0815668	0.53031	-1.88569	0.000632954	0.178129	-5.61391	0.076023	0.522697	-1.91316	0.0204797	0.399499	-2.50313	0.886938	0.95433	-1.04786	0.0187136	0.392081	-2.55049	5.91537	10.1153	1.52	1
cg04749422	EML1;EML1	0.0105966	0.00541748	0.538797	-1.85599	0.587046	1.09709	1.09709	0.0455313	1.47325	1.47325	0.10678	0.742653	-1.34652	0.00145483	0.459759	-2.17505	0.590465	1.09614	1.09614	0.764997	1.05196	1.05196	0.684676	0.933342	-1.07142	0.0530535	0.689748	-1.4498	5.80185	2.62334	0.401916	1
cg11199642	EML1;EML1	0.0344198	0.840437	1.03668	1.03668	0.0192611	0.602922	-1.65859	0.0246799	0.61999	-1.61293	0.888336	0.975205	-1.02543	0.0859458	0.712392	-1.40372	0.00606552	0.527059	-1.89732	0.328508	1.1975	1.1975	0.0381486	0.650856	-1.53644	0.649587	0.921508	-1.08518	3.89057	1.96799	0.44963	1
cg02262622	EML1;EML1	0.0459896	0.044469	0.674981	-1.48152	0.154548	0.771409	-1.29633	0.709092	1.06591	1.06591	0.990776	0.998033	-1.00197	0.0925903	0.729619	-1.37058	0.0412821	0.669692	-1.49322	0.033079	1.52869	1.52869	0.36265	1.17276	1.17276	0.106313	1.35037	1.35037	3.49688	1.60657	0.40838	1
cg27059354	EML1;EML1	0.046478	0.859363	0.924056	-1.08219	0.842343	1.09274	1.09274	0.693895	1.19262	1.19262	0.311031	1.59484	1.59484	0.089189	0.433997	-2.30416	0.0295924	3.1288	3.1288	0.0141056	3.85426	3.85426	0.0264603	3.22782	3.22782	0.0605221	2.56643	2.56643	3.48303	10.9401	2.79199	1
cg27301343	EML2	0.00321662	0.00285117	6.8665	6.8665	0.0113097	4.32514	4.32514	0.509465	1.34796	1.34796	0.0429326	2.88786	2.88786	0.0806059	0.416095	-2.4033	0.0416963	2.91272	2.91272	0.00784235	4.86358	4.86358	0.000597622	12.6312	12.6312	0.103801	0.447952	-2.23238	9.85349	30.285	2.39053	1
cg25706898	EML2	0.00375735	0.399217	0.831177	-1.20311	0.634396	0.902448	-1.1081	0.00400426	0.436652	-2.29016	0.572061	1.13013	1.13013	0.000241138	0.272122	-3.67482	0.690379	1.08957	1.08957	0.0398649	1.66366	1.66366	0.723242	0.926647	-1.07916	0.0729866	1.53491	1.53491	8.00176	5.81759	0.646257	1
cg17286480	EML2	0.00674839	0.754087	0.959524	-1.04218	0.0117407	1.51269	1.51269	0.0179354	0.685096	-1.45965	0.142385	1.23041	1.23041	0.24819	1.17202	1.17202	0.206271	1.19159	1.19159	0.000406406	2.09344	2.09344	0.648442	0.94143	-1.06221	0.878541	1.02031	1.02031	6.69096	1.83203	0.243383	1
cg08831348	EML2	0.0153146	0.0924008	2.46606	2.46606	0.796681	1.13409	1.13409	0.0603319	0.356159	-2.80773	0.863552	1.08744	1.08744	0.146175	0.467552	-2.1388	0.313885	1.66129	1.66129	0.00600821	5.75214	5.75214	0.0209953	3.86979	3.86979	0.0216122	0.260722	-3.83551	5.14523	19.3539	3.34357	1
cg05318454	EML2	0.022437	0.0389332	0.312296	-3.20209	0.0541205	0.345	-2.89855	0.0184799	0.248793	-4.01941	0.208494	0.52438	-1.90701	0.0015397	0.1088	-9.19119	0.18942	0.508254	-1.96752	0.00975159	0.203653	-4.91031	0.783617	0.874575	-1.14341	0.501029	0.717125	-1.39446	4.52328	16.9804	3.33689	1
cg18358136	EML2	0.0236522	0.0418273	3.81953	3.81953	0.190534	2.20756	2.20756	0.0306122	4.26788	4.26788	0.0535655	3.49866	3.49866	0.0545922	3.47517	3.47517	0.138746	2.48533	2.48533	0.00130104	14.52	14.52	0.0314409	4.22744	4.22744	0.0321621	4.19342	4.19342	4.44178	22.9576	4.59427	1
cg06381803	EML2	0.0361078	0.0340747	8.45178	8.45178	0.0381267	7.95693	7.95693	0.147697	3.8205	3.8205	0.25556	2.785	2.785	0.26952	0.370741	-2.6973	0.287704	2.59232	2.59232	0.0172395	12.229	12.229	0.0271434	9.55324	9.55324	0.0105511	16.0585	16.0585	3.82368	45.0959	10.4834	1
cg09559882	EML2;MIR330	0.0020273	0.840957	0.938366	-1.06568	0.532854	0.818733	-1.2214	0.03733	0.465272	-2.14928	0.974957	0.99011	-1.00999	0.00261555	0.267246	-3.74187	0.0359856	2.16486	2.16486	0.00142512	4.31033	4.31033	0.00399809	3.4036	3.4036	0.0239773	0.426272	-2.34592	9.60388	15.2478	1.41127	1
cg26116525	EML3	0.00424861	0.42093	0.903764	-1.10648	0.4909	1.08993	1.08993	0.0430133	1.33185	1.33185	0.455329	0.910664	-1.0981	0.000222693	0.469352	-2.1306	0.0546156	1.30776	1.30776	0.042807	1.33234	1.33234	0.137183	0.821167	-1.21778	0.244408	0.86082	-1.16168	7.71083	1.84966	0.213226	1
cg19041676	EML3	0.00450586	0.367778	0.865284	-1.15569	0.0285553	0.667581	-1.49795	0.301659	0.845885	-1.18219	0.00543294	0.564311	-1.77207	0.000541265	0.431158	-2.31934	0.00796871	0.587426	-1.70234	0.0218291	1.53795	1.53795	0.609333	0.922551	-1.08395	0.578864	0.916042	-1.09165	7.57473	2.93474	0.344389	1
cg10449041	EML3;EML3;ROM1	0.0161902	0.00107811	0.261523	-3.82376	0.843026	0.946408	-1.05663	0.538981	0.841302	-1.18863	0.321799	0.752498	-1.32891	0.00155082	0.282436	-3.54062	0.0967175	0.602561	-1.65958	0.937141	0.978326	-1.02215	0.827406	0.941141	-1.06254	0.339509	0.760718	-1.31455	5.05109	6.17436	1.08656	1
cg11742103	EML3;MTA2	0.00885722	0.938569	1.02241	1.02241	0.757879	0.914931	-1.09298	0.126548	1.60837	1.60837	0.00136787	3.80269	3.80269	0.421369	1.26639	1.26639	0.811343	0.933555	-1.07117	0.516833	0.827805	-1.20801	0.00705191	2.72198	2.72198	0.00177264	3.59618	3.59618	6.14345	8.04398	1.16387	1
cg22862634	EML3;MTA2	0.0204018	0.855038	1.0326	1.0326	0.0110287	1.74949	1.74949	0.0692853	1.42834	1.42834	0.345457	1.18584	1.18584	0.119367	1.34512	1.34512	0.837411	0.964596	-1.0367	0.0253868	0.627414	-1.59384	0.436244	0.869936	-1.14951	0.0055259	1.89592	1.89592	4.67284	2.2775	0.433236	1
cg13298116	EML3;MTA2	0.0372073	0.307431	1.9503	1.9503	0.598406	0.714597	-1.39939	0.0291791	5.07816	5.07816	0.00358506	12.1082	12.1082	0.126131	2.84707	2.84707	0.70726	1.26937	1.26937	?	?	?	0.173358	2.49911	2.49911	0.0198754	5.9147	5.9147	3.84267	21.6246	5.62749	1
cg13352306	EML3;ROM1	0.0357724	0.219338	0.801413	-1.2478	0.91798	1.01781	1.01781	0.0101313	1.74354	1.74354	0.231783	1.23979	1.23979	0.0172769	0.608329	-1.64385	0.0822528	1.39088	1.39088	0.134265	1.31884	1.31884	0.481794	1.13036	1.13036	0.345699	0.846673	-1.18109	3.83666	1.78484	0.413516	1
cg15665925	EML3;ROM1;ROM1	0.0169933	0.0183955	0.74141	-1.34878	0.521214	1.07038	1.07038	0.0507783	1.26212	1.26212	0.377545	0.909633	-1.09934	0.812487	0.975448	-1.02517	0.0334417	0.77109	-1.29686	0.0207573	1.33804	1.33804	0.113112	1.19767	1.19767	0.0243636	1.32401	1.32401	4.97014	0.861328	0.154045	1
cg27634115	EML4;EML4	0.00212547	0.339457	1.13988	1.13988	0.000887404	0.515721	-1.93903	0.000251893	0.448178	-2.23126	0.762342	1.04115	1.04115	0.744028	1.04453	1.04453	0.0664739	1.31478	1.31478	0.0547829	1.33597	1.33597	0.104331	0.7897	-1.2663	0.820733	1.03064	1.03064	9.47225	2.65264	0.248927	1
cg09256517	EML4;EML4	0.00540288	0.334638	0.754284	-1.32576	0.893904	0.96306	-1.03836	0.192601	1.4805	1.4805	0.103392	1.66442	1.66442	0.00079726	0.216489	-4.61917	?	?	?	0.00505111	2.9877	2.9877	0.0471089	1.92441	1.92441	0.400529	1.27582	1.27582	8.45431	9.26959	0.959379	1
cg02079908	EML4;EML4	0.00601368	0.0553786	0.666987	-1.49928	0.251022	1.25065	1.25065	0.698673	0.930024	-1.07524	0.530466	0.888247	-1.12581	0.000154973	0.298656	-3.34833	0.315256	0.823943	-1.21368	0.54372	0.89171	-1.12144	0.340133	0.832488	-1.20122	0.00492737	0.499273	-2.00291	6.93428	3.81949	0.489612	1
cg09535475	EML4;EML4	0.00724471	0.0026317	0.300653	-3.3261	0.0454437	0.515664	-1.93925	0.459732	0.804704	-1.24269	0.0155738	0.424759	-2.35427	0.000887635	0.237537	-4.20986	0.783193	0.923467	-1.08288	0.0196181	0.44313	-2.25667	0.785039	0.924112	-1.08212	0.00775522	0.372674	-2.68331	6.54454	8.63672	1.17305	1
cg01184449	EML4;EML4	0.00733591	0.00284305	6.9743	6.9743	0.0649345	2.66418	2.66418	0.011569	4.44919	4.44919	0.0165453	3.99128	3.99128	0.00450202	5.99041	5.99041	0.103051	2.32362	2.32362	0.0541811	2.80977	2.80977	0.00282835	6.98649	6.98649	0.00504219	5.77457	5.77457	6.51899	23.0771	3.14665	1
cg00162001	EML4;EML4	0.00883727	0.023535	0.371167	-2.6942	0.00219329	0.207261	-4.82483	0.00593993	0.267591	-3.73705	0.176693	0.590823	-1.69255	0.0187389	0.352119	-2.83995	0.0465023	0.433666	-2.30592	0.00122935	0.17693	-5.65196	0.081213	0.492467	-2.03059	0.198966	0.608138	-1.64436	6.14784	13.0733	1.89021	1
cg14452650	EML4;EML4	0.0171486	0.395234	1.27827	1.27827	0.0386451	1.96467	1.96467	0.00459116	2.89754	2.89754	0.950367	0.982601	-1.01771	0.0157384	0.4341	-2.30362	0.96772	0.988654	-1.01148	0.114597	0.616396	-1.62233	0.0456863	0.524135	-1.90791	0.894853	0.963402	-1.03799	4.95503	6.23924	1.11926	1
cg19581424	EML4;EML4	0.023531	0.0363646	0.710842	-1.40678	0.254285	1.18175	1.18175	0.795242	1.03716	1.03716	0.0911076	1.29832	1.29832	0.0305361	0.700071	-1.42843	0.0596061	1.34748	1.34748	0.426178	0.892267	-1.12074	0.0336786	0.706095	-1.41624	0.0462412	1.37762	1.37762	4.44967	1.38695	0.277064	1
cg15243721	EML4;EML4	0.0377672	0.786166	0.888636	-1.12532	0.00275501	6.01008	6.01008	0.177834	1.8621	1.8621	0.052044	2.61072	2.61072	0.171265	0.53128	-1.88225	0.280096	1.62824	1.62824	0.324346	1.55569	1.55569	0.0651435	2.45725	2.45725	0.0651911	2.45676	2.45676	3.76158	11.2308	2.65392	1
cg05312964	EML4;EML4	0.0420668	0.938388	0.978031	-1.02246	0.0123665	0.408644	-2.44712	0.0084813	0.380755	-2.62636	0.271158	0.719499	-1.38986	0.0189436	0.441939	-2.26276	0.886804	1.04178	1.04178	0.0723071	0.561951	-1.77952	0.367608	0.76648	-1.30467	0.034427	0.492182	-2.03177	3.61519	4.72798	1.1625	1
cg01387407	EML5	0.00181711	0.000812233	0.22582	-4.42831	0.614345	1.1615	1.1615	0.0512492	1.92336	1.92336	0.365043	1.31554	1.31554	0.822308	0.93587	-1.06853	0.000234824	0.165803	-6.03125	0.132805	1.61267	1.61267	0.0470088	0.511773	-1.95399	0.223	1.45835	1.45835	9.91453	13.6337	1.22233	1
cg14041094	EML5	0.00293207	0.549859	1.14896	1.14896	0.00031146	3.82727	3.82727	0.00560343	2.30417	2.30417	0.387799	0.81616	-1.22525	0.242608	1.32398	1.32398	0.421686	1.20728	1.20728	0.00080258	3.19355	3.19355	0.00678508	2.23708	2.23708	0.22636	1.33848	1.33848	8.61652	7.18765	0.741485	1
cg18223896	EML5	0.00971742	0.563277	1.22871	1.22871	0.00107994	0.182459	-5.48067	0.079373	0.503374	-1.9866	0.369271	1.38406	1.38406	0.0104023	0.320701	-3.11817	0.00300343	0.238285	-4.19666	0.975049	0.989037	-1.01108	0.524772	0.79678	-1.25505	0.34451	0.709495	-1.40945	5.965	11.7373	1.74906	1
cg16409840	EML5	0.0130606	?	?	?	0.878996	1.0564	1.0564	0.0483575	2.25344	2.25344	0.462537	0.763876	-1.30911	?	?	?	0.817143	0.919967	-1.087	0.0652245	0.474501	-2.10748	0.0166457	0.348876	-2.86635	0.00206102	0.20946	-4.77418	5.65872	9.04201	1.82616	1
cg10536955	EML6	5.64E-05	0.23594	0.854013	-1.17094	0.0262309	0.715319	-1.39798	0.0843647	0.784594	-1.27455	0.528324	0.922034	-1.08456	3.54E-06	0.250741	-3.98818	0.0080379	0.649559	-1.53951	0.000256938	2.1482	2.1482	0.122441	1.23699	1.23699	0.000305301	0.474596	-2.10706	25.7871	6.59353	0.227281	1
cg00042059	EML6	0.000415416	0.492853	0.83769	-1.19376	0.0318562	0.527487	-1.89578	0.00172028	0.320594	-3.11921	0.559701	1.16182	1.16182	0.00047935	0.248212	-4.02882	0.852569	1.04845	1.04845	1.39E-05	0.0995851	-10.0417	0.0973347	0.62961	-1.58829	0.00933408	0.432372	-2.31282	15.0425	15.4057	0.910352	1
cg18516317	EML6	0.00176094	0.404979	1.08495	1.08495	0.0696368	0.823525	-1.21429	0.87197	1.01555	1.01555	0.595724	0.950052	-1.05257	0.225067	0.885215	-1.12967	0.000138139	0.53235	-1.87846	0.00740395	1.39117	1.39117	0.0106358	1.35982	1.35982	0.0478313	0.80533	-1.24173	10.0052	1.4509	0.128902	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16238795	EML6	0.00607397	0.608397	0.861845	-1.1603	0.979751	1.00733	1.00733	0.625252	1.15214	1.15214	0.0227603	0.456469	-2.19073	0.0353604	0.494126	-2.02378	0.000172869	0.159615	-6.26508	0.851784	1.05529	1.05529	0.103732	0.599367	-1.66843	0.15677	1.54611	1.54611	6.91295	9.0625	1.16528	1
cg15543754	EML6	0.00982931	0.0651882	0.744487	-1.34321	0.648916	1.06751	1.06751	0.568376	1.08565	1.08565	0.017144	0.660974	-1.51292	0.747154	0.954943	-1.04718	0.67412	1.06213	1.06213	0.000760288	0.483234	-2.06939	0.068547	0.747814	-1.33723	0.0404305	1.40124	1.40124	5.94323	1.91207	0.285975	1
cg02483058	EML6	0.00991172	0.0853871	0.788766	-1.2678	0.263839	0.864735	-1.15642	0.0146886	1.45468	1.45468	0.0293942	1.37729	1.37729	0.0126737	1.47198	1.47198	0.382304	0.894225	-1.11829	0.758085	0.962186	-1.0393	0.006982	0.647019	-1.54555	0.167259	1.20165	1.20165	5.9274	1.46158	0.219182	1
cg19846040	EML6	0.0156619	0.767767	1.05357	1.05357	0.151344	0.762649	-1.31122	0.00128707	0.43742	-2.28613	0.0321858	0.642644	-1.55607	0.0326127	0.643574	-1.55382	0.0796679	0.70978	-1.40889	0.0722699	1.42408	1.42408	0.515304	0.890238	-1.12329	0.0836093	0.713571	-1.4014	5.10711	2.51227	0.437259	1
cg12629349	EML6	0.0362585	0.113442	0.604438	-1.65443	0.0099596	0.386226	-2.58916	0.435964	0.792708	-1.2615	0.536214	1.20091	1.20091	0.35325	0.756403	-1.32205	0.101881	0.592527	-1.68769	0.00589766	0.3489	-2.86615	0.0164801	0.424671	-2.35476	0.847813	1.05776	1.05776	3.81789	5.16572	1.20269	1
cg13568348	EML6	0.0409579	0.0791061	0.656003	-1.52438	0.513738	0.86657	-1.15397	0.982843	1.00466	1.00466	0.475412	1.16994	1.16994	0.00329654	0.420741	-2.37676	0.71847	0.924697	-1.08143	0.0138816	0.518208	-1.92973	0.0412762	0.601044	-1.66377	0.601774	0.892382	-1.1206	3.65112	2.70423	0.658362	1
cg07360028	EMP1	0.0014743	0.00258932	0.348492	-2.8695	0.00026136	0.219676	-4.55216	0.00771836	0.421405	-2.37301	0.0315083	0.528972	-1.89046	0.00603863	0.404308	-2.47336	0.113065	0.646979	-1.54564	0.000288996	0.224661	-4.45115	0.698653	1.10321	1.10321	0.0505493	0.569718	-1.75525	10.5318	10.6336	0.897477	1
cg16022049	EMP1	0.00212728	0.00078894	0.0740977	-13.4957	0.0105234	0.191816	-5.21334	0.00545045	0.153294	-6.52343	0.00972108	0.18679	-5.35361	0.00484848	0.14715	-6.79579	0.0341919	0.281481	-3.55264	0.000590765	0.0657249	-15.2149	0.0342019	0.281507	-3.55231	0.0014924	0.0954376	-10.4781	9.4699	39.4672	3.70457	1
cg09903879	EMP1	0.00487212	0.000705292	0.115591	-8.65116	0.00900043	0.249576	-4.00679	0.0156625	0.289922	-3.44921	0.0119675	0.269716	-3.7076	0.00325035	0.186886	-5.35086	0.0139521	0.281091	-3.55756	0.0931497	0.462121	-2.16394	0.00617916	0.224818	-4.44805	0.018157	0.301542	-3.31629	7.39682	20.4614	2.45889	1
cg03140135	EMP1	0.016552	0.0073019	0.171561	-5.82882	0.0132459	0.20922	-4.77965	0.0131069	0.208498	-4.79622	0.047605	0.315231	-3.17227	0.0179333	0.230907	-4.33074	0.0765681	0.366483	-2.72864	0.00538232	0.154542	-6.47073	0.0946285	0.392135	-2.55014	0.0187236	0.234147	-4.27081	5.01402	20.6198	3.6555	1
cg19009132	EMP1	0.0168155	0.01378	0.522997	-1.91206	0.513432	1.15153	1.15153	0.154346	0.722817	-1.38348	0.848728	0.960161	-1.04149	0.000536947	0.317734	-3.14729	0.913989	0.977261	-1.02327	0.340871	0.81143	-1.23239	0.834295	0.956382	-1.04561	0.0432749	0.609612	-1.64039	4.98765	3.58036	0.638084	1
cg05885720	EMP1	0.0442576	0.0131628	0.241679	-4.13772	0.00622987	0.192578	-5.1927	0.0320588	0.313421	-3.1906	0.0908333	0.422901	-2.36462	0.0548869	0.365751	-2.7341	0.320042	0.622077	-1.60752	0.753159	0.864378	-1.1569	0.0465273	0.348818	-2.86682	0.103638	0.439456	-2.27554	3.54753	11.9913	3.00461	1
cg04339790	EMP2	0.00648032	0.114274	0.705923	-1.41659	0.191163	0.755352	-1.32389	0.028774	0.592859	-1.68674	0.00499274	0.470835	-2.12389	0.575763	0.891712	-1.12144	0.745429	1.06827	1.06827	0.00198821	0.412618	-2.42355	0.00060696	0.34255	-2.91928	0.0737335	0.667561	-1.49799	6.77574	4.41028	0.578571	1
cg02912007	EMP2	0.0329698	0.884596	0.964178	-1.03715	0.111389	1.54581	1.54581	0.341395	0.781734	-1.27921	0.0754281	0.60827	-1.64401	0.629007	0.884905	-1.13007	0.746213	0.921675	-1.08498	0.00272018	0.353536	-2.82857	0.0293803	0.524946	-1.90496	0.257485	1.34556	1.34556	3.95135	3.94801	0.888137	1
cg05093711	EMP2	0.0376985	0.0991584	0.404568	-2.47177	0.0182638	0.238315	-4.19612	0.014446	0.221135	-4.52212	0.0795755	0.377535	-2.64876	0.0411942	0.307552	-3.25149	0.165887	0.477255	-2.09532	0.0115857	0.205948	-4.8556	0.350474	1.61783	1.61783	0.231817	0.533772	-1.87346	3.76408	14.9399	3.52805	1
cg07406359	EMP2;EMP2	2.34E-05	0.82629	0.93281	-1.07203	0.736859	1.11262	1.11262	0.0283773	2.26783	2.26783	0.995542	1.00177	1.00177	2.63E-07	0.00795674	-125.68	0.439348	0.779126	-1.28349	0.00208756	0.25397	-3.93747	0.440716	1.28249	1.28249	0.291895	1.41349	1.41349	32.5254	51.5856	1.40979	1
cg06713374	EMP2;EMP2	0.0395547	0.151291	0.516856	-1.93478	0.155091	0.520446	-1.92143	0.647613	0.820759	-1.21838	0.437181	1.40521	1.40521	0.00126137	0.132609	-7.54097	0.455431	1.38582	1.38582	0.292892	1.59734	1.59734	0.544775	0.768679	-1.30093	0.677267	1.19679	1.19679	3.69834	10.7906	2.5935	1
cg23344780	EMP3	9.82E-07	2.30E-07	0.0505831	-19.7694	0.000407485	0.339965	-2.94148	0.000342611	0.330396	-3.02667	3.26E-06	0.120766	-8.28051	1.71E-06	0.100113	-9.98871	0.000693021	0.369927	-2.70324	1.70E-07	0.0449816	-22.2313	0.000124359	0.27668	-3.61429	2.21E-05	0.194755	-5.13466	73.6641	43.0483	0.519455	1
cg06350544	EMP3	0.00830257	0.418835	0.759247	-1.31709	0.302837	0.700567	-1.42742	0.00436418	3.55955	3.55955	0.0186078	2.58894	2.58894	0.79615	0.917304	-1.09015	0.0423993	2.18006	2.18006	0.848817	1.0657	1.0657	0.0859786	1.88253	1.88253	0.000881886	5.26995	5.26995	6.27038	11.04	1.56503	1
cg13633756	EMP3	0.0294287	0.0118227	0.484484	-2.06405	0.365028	1.23934	1.23934	0.602369	1.12883	1.12883	0.168792	0.713174	-1.40218	0.175532	0.71742	-1.39388	0.20179	0.732902	-1.36444	0.024554	1.85416	1.85416	0.0549778	1.65151	1.65151	0.125023	0.681935	-1.46642	4.1148	3.46374	0.748246	1
cg01795122	EMP3;EMP3	0.0237482	0.0040781	0.268009	-3.73121	0.0108079	0.335008	-2.985	0.14127	0.582514	-1.7167	0.263286	0.671421	-1.48938	0.0422326	0.449654	-2.22393	0.335163	0.712128	-1.40424	0.00859606	0.318292	-3.14177	0.0308073	0.42049	-2.37818	0.0299185	0.417874	-2.39307	4.43556	8.19673	1.64263	1
cg03208951	EMP3;EMP3	0.0481275	0.0117124	0.0953976	-10.4824	0.0409959	0.172125	-5.80971	0.378265	0.50943	-1.96298	0.114759	0.278139	-3.59533	0.0232941	0.132282	-7.55962	0.20687	0.370397	-2.6998	0.00718997	0.0751187	-13.3123	0.143871	0.30989	-3.22695	0.0883728	0.245924	-4.06629	3.43752	30.3048	7.83635	1
cg26754472	EMR1	7.65E-05	0.000190027	0.114299	-8.74895	0.11725	0.556191	-1.79795	0.001541	0.207897	-4.81008	0.279834	0.678853	-1.47307	1.46E-05	0.0448089	-22.317	0.0511061	2.151	2.151	0.000575294	6.27903	6.27903	0.0129278	2.89759	2.89759	0.107737	0.54598	-1.83157	23.7811	44.7737	1.67354	1
cg21308575	EMR1	0.00292911	0.0150548	0.249469	-4.00851	0.0114435	0.229819	-4.35124	0.00498558	0.17781	-5.62397	0.238008	0.563069	-1.77598	0.000158413	0.0497073	-20.1178	0.0975122	0.4296	-2.32775	0.839457	1.09884	1.09884	0.65276	0.810212	-1.23424	0.00253623	0.142706	-7.00742	8.6191	29.4761	3.03987	1
cg05025071	EMR1	0.00629045	0.00977788	0.220677	-4.53151	0.0429742	0.340513	-2.93675	0.00709005	0.200047	-4.99882	0.298937	0.607764	-1.64538	0.00116339	0.110152	-9.07836	0.299645	0.608238	-1.64409	0.0010107	0.104743	-9.5472	0.820896	0.900428	-1.11058	0.0428719	0.34028	-2.93876	6.83848	23.1717	3.01193	1
cg22889448	EMR1	0.0170642	0.0419684	0.375383	-2.66395	0.00250442	0.172847	-5.78545	0.0687676	0.426763	-2.34322	0.51294	0.757762	-1.31968	0.0210445	0.313437	-3.19044	0.025706	0.330361	-3.02699	0.00640706	0.227021	-4.40488	0.0133878	0.277893	-3.59851	0.222763	0.585323	-1.70846	4.96322	13.7372	2.46027	1
cg04613452	EMR2;EMR2;EMR2;EMR2;EMR2;EMR2;EMR2	0.000575829	0.000329146	0.149679	-6.68098	0.181917	1.59037	1.59037	0.353781	0.731683	-1.36671	0.478226	0.789707	-1.26629	2.85E-05	0.0676235	-14.7878	0.302335	0.704767	-1.41891	0.00251815	0.253174	-3.94985	0.626431	0.851609	-1.17425	0.00864943	0.334175	-2.99244	13.7405	23.3343	1.50953	1
cg04103514	EMR2;EMR2;EMR2;EMR2;EMR2;EMR2;EMR2	0.0114148	0.0412931	0.291401	-3.4317	0.348713	0.603284	-1.65759	0.0267189	0.252792	-3.95582	0.0786884	0.359524	-2.78145	0.00348474	0.125345	-7.97799	0.213614	0.50358	-1.98578	0.0010592	0.0791687	-12.6313	0.00783287	0.167333	-5.97612	0.0831504	0.366083	-2.73162	5.66446	24.6179	3.86313	1
cg00770155	EMR2;EMR2;EMR2;EMR2;EMR2;EMR2;EMR2	0.0346259	0.0184581	0.358139	-2.79221	0.614491	0.833219	-1.20017	0.689362	1.15529	1.15529	0.00405155	0.249945	-4.00089	0.164759	0.587156	-1.70312	0.211002	0.622837	-1.60556	0.0224087	0.374253	-2.67199	0.0209769	0.3687	-2.71223	0.149527	0.573974	-1.74224	3.88219	7.93605	1.81708	1
cg00488283	EMR2;EMR2;EMR2;EMR2;EMR2;EMR2;EMR2	0.0460044	0.0166751	0.351412	-2.84566	0.0507362	2.21779	2.21779	0.180951	0.601543	-1.66239	0.954672	0.979866	-1.02055	0.0339678	0.412413	-2.42476	0.383009	0.726073	-1.37727	0.241007	1.55146	1.55146	0.128668	0.555665	-1.79965	0.0968962	0.520985	-1.91944	3.49646	7.0902	1.80251	1
cg25757339	EMR3	1.41E-05	0.483503	0.912292	-1.09614	2.41E-06	0.228402	-4.37824	0.000366048	0.479095	-2.08727	0.340928	1.13486	1.13486	1.28E-06	0.200987	-4.97545	0.0623257	1.31058	1.31058	0.854046	0.976541	-1.02402	0.671302	0.946461	-1.05657	0.0080889	0.645844	-1.54836	37.0704	9.75636	0.233942	1
cg00401678	EMR3	0.000208596	0.818318	0.947175	-1.05577	0.00328188	0.388672	-2.57287	0.00307886	0.38456	-2.60037	0.000465754	0.273019	-3.66275	3.11E-05	0.147091	-6.79853	0.000444161	0.270461	-3.69739	0.000155544	0.217046	-4.60732	0.830659	1.05181	1.05181	0.00372066	0.396819	-2.52004	18.1626	16.0039	0.783239	1
cg14275952	EMR3	0.000521309	0.0857143	0.552059	-1.8114	0.011689	0.373238	-2.67925	0.0334097	0.459546	-2.17606	0.184875	1.5525	1.5525	0.00010614	0.117613	-8.50247	0.641456	1.158	1.158	0.120994	1.69208	1.69208	5.83E-05	0.0973536	-10.2718	0.466908	0.793287	-1.26058	14.1259	21.8901	1.37746	1
cg07998554	EMR3	0.00187636	0.00167435	0.119663	-8.35679	0.000827708	0.0926601	-10.7921	0.0153971	0.245398	-4.07502	0.0282025	0.293952	-3.40191	0.00186017	0.124155	-8.05446	0.127028	2.18088	2.18088	0.00135639	0.111044	-9.00547	0.0258734	0.286554	-3.48975	0.190927	0.519817	-1.92375	9.8226	34.7261	3.14251	1
cg15746620	EMR3	0.00615366	0.00121346	0.145726	-6.86218	0.0378574	0.375657	-2.662	0.336486	0.668341	-1.49624	0.637078	0.824288	-1.21317	0.00104052	0.138866	-7.2012	0.430425	0.720907	-1.38714	0.00154773	0.15707	-6.36661	0.236298	0.603752	-1.65631	0.438783	0.725345	-1.37865	6.88516	18.0292	2.32761	1
cg15552238	EMR3	0.0385279	0.0362997	0.131322	-7.61485	0.0022974	0.0286057	-34.9581	0.0762795	0.193016	-5.18092	0.501821	0.566348	-1.7657	0.0191052	0.0938888	-10.6509	0.489496	1.79599	1.79599	0.385327	0.476004	-2.10082	0.421977	0.50452	-1.98208	0.765369	0.779091	-1.28355	3.73423	41.1421	9.79341	1
cg07072643	EMR3;EMR3	0.00117075	0.978947	1.01373	1.01373	0.757434	0.852095	-1.17358	0.00353951	0.1297	-7.71007	0.0585488	0.331512	-3.01648	0.00037847	0.0531619	-18.8105	0.00526184	0.149392	-6.69379	9.77E-05	0.0279475	-35.7814	0.0208979	0.237857	-4.20421	0.0168202	0.221543	-4.51381	11.2507	47.5624	3.75777	1
cg13973985	EMR3;EMR3	0.0118678	0.889731	1.08873	1.08873	0.102916	0.335061	-2.98453	0.0177196	0.170762	-5.85611	0.504093	0.660027	-1.51509	0.000654895	0.0407298	-24.552	0.305043	0.521566	-1.9173	0.00874722	0.129139	-7.74359	0.0163219	0.165379	-6.0467	0.0662745	0.282965	-3.534	5.59355	33.2729	5.2875	1
cg22840583	EMR4P	4.89E-05	0.0518364	1.81288	1.81288	0.666103	0.889832	-1.12381	0.898835	0.96638	-1.03479	0.865375	1.04668	1.04668	0.0384622	0.524794	-1.90551	0.262382	0.730373	-1.36916	4.54E-07	0.0217756	-45.923	0.383091	1.27186	1.27186	0.706081	1.10723	1.10723	26.7792	30.6597	1.0177	1
cg11957350	EMR4P	0.00249944	0.006143	0.379996	-2.63161	0.0856203	0.597961	-1.67235	0.000795828	0.253814	-3.93989	0.211081	0.700041	-1.42849	0.030933	1.98524	1.98524	0.0216495	0.474129	-2.10913	0.000629978	0.241211	-4.14575	0.228485	0.710289	-1.40788	0.0290809	0.49849	-2.00606	9.03264	10.4791	1.03123	1
cg11579116	EMR4P	0.00426988	0.00655872	0.261563	-3.82318	0.00110548	0.161026	-6.21017	0.0281832	0.373682	-2.67607	0.160888	0.566212	-1.76612	0.00194718	0.189335	-5.28164	0.0234359	0.357627	-2.79621	0.00182178	0.18584	-5.38097	0.00706822	0.266578	-3.75124	0.112542	0.518869	-1.92727	7.69919	17.5885	2.03063	1
cg18775012	EMX1	3.21E-05	1.02E-06	0.350891	-2.84989	0.872682	0.986989	-1.01318	0.0261706	1.24041	1.24041	0.0371189	0.82067	-1.21852	0.047026	0.83058	-1.20398	0.000454293	0.636881	-1.57015	0.0932122	0.860019	-1.16277	0.00104148	1.48652	1.48652	0.00651751	0.749233	-1.3347	29.9318	3.16137	0.0938838	1
cg00866399	EMX1	0.000277292	0.136494	0.75501	-1.32449	0.000126598	0.310745	-3.21807	0.0175528	0.602736	-1.6591	0.225524	0.800138	-1.24978	0.0430666	0.665129	-1.50347	0.388885	1.1673	1.1673	0.0170234	0.600684	-1.66477	4.75E-05	3.82882	3.82882	0.315742	1.19927	1.19927	16.808	8.16914	0.432023	1
cg25498838	EMX1	0.00053749	0.731075	0.927885	-1.07772	0.245191	1.30175	1.30175	0.677832	1.09486	1.09486	0.918349	0.978	-1.0225	0.434404	0.84111	-1.18891	7.49E-06	8.48408	8.48408	0.0966328	0.673213	-1.48541	0.0265059	1.76935	1.76935	0.0238001	1.79546	1.79546	14.0065	10.4405	0.662581	1
cg16928066	EMX1	0.000966794	0.311866	0.84888	-1.17802	0.794551	0.959956	-1.04171	0.253573	0.829676	-1.20529	0.98397	1.00315	1.00315	0.0914037	1.33791	1.33791	0.302253	1.18218	1.18218	0.0134571	0.619299	-1.61473	2.00E-05	3.86581	3.86581	0.392518	0.871816	-1.14703	11.8797	4.61405	0.345243	1
cg07279070	EMX1	0.00162006	0.00115637	0.348966	-2.86561	0.212171	0.748398	-1.33619	0.00452791	0.434224	-2.30296	0.00232298	0.391409	-2.55487	0.000246333	0.263038	-3.80173	0.0799347	0.651482	-1.53496	0.00314033	0.410474	-2.4362	0.284346	1.27797	1.27797	0.166643	0.722374	-1.38433	10.2495	7.89515	0.684708	1
cg13656408	EMX1	0.00263371	0.522744	0.86701	-1.15339	0.0621588	1.58821	1.58821	0.166987	0.722835	-1.38344	0.175893	1.37307	1.37307	0.229583	1.32013	1.32013	0.202248	1.34529	1.34529	0.000241475	0.262374	-3.81135	0.00152941	0.366088	-2.73159	0.49495	0.858413	-1.16494	8.89443	6.837	0.683274	1
cg07140194	EMX1	0.00452331	0.0207391	0.231264	-4.32407	0.176079	0.469352	-2.1306	0.00416811	0.132777	-7.53142	0.116802	0.408197	-2.4498	0.00249909	0.109829	-9.10508	0.0414095	0.290292	-3.4448	0.000379138	0.0504947	-19.8041	0.0123079	0.194126	-5.15128	0.0157948	0.211176	-4.73538	7.56585	33.1341	3.89283	1
cg23061718	EMX1	0.00812916	0.0674774	0.401248	-2.49223	0.0652443	0.397518	-2.51561	0.498125	0.735984	-1.35872	0.00086408	0.107633	-9.29083	0.0195624	0.28435	-3.51679	0.349168	0.650783	-1.53661	0.00273283	0.158232	-6.31985	0.887728	0.938977	-1.06499	0.129304	2.07619	2.07619	6.31224	19.8617	2.79692	1
cg26704870	EMX1	0.0142101	0.803902	0.939367	-1.06455	0.0368148	1.83997	1.83997	0.00117463	3.31075	3.31075	0.343524	1.27805	1.27805	0.628186	0.884534	-1.13054	0.0106537	2.2418	2.2418	0.0886195	0.62359	-1.60362	0.206977	1.39738	1.39738	0.171466	1.44202	1.44202	5.27399	5.27996	0.889895	1
cg05707704	EMX1	0.0214208	0.930896	1.01628	1.01628	0.00422896	2.04015	2.04015	0.0125869	1.78195	1.78195	0.575991	1.11093	1.11093	0.831829	1.04039	1.04039	0.502912	1.13494	1.13494	0.0286953	0.618496	-1.61683	0.282054	1.23138	1.23138	0.0247402	1.64502	1.64502	4.59576	2.52315	0.488016	1
cg13295852	EMX1	0.0266132	0.270063	0.396343	-2.52307	0.00738948	0.0619518	-16.1416	0.0637138	0.186417	-5.36431	0.748789	1.29553	1.29553	0.0202373	0.104736	-9.5478	0.977647	1.02283	1.02283	0.00315183	0.0387109	-25.8325	0.587642	0.64326	-1.55458	0.0698055	0.195157	-5.12407	4.26317	43.8469	9.14226	1
cg01833212	EMX1	0.0277641	0.00879415	0.346785	-2.88363	0.191469	0.644695	-1.55112	0.144991	0.608447	-1.64353	0.0960491	0.559801	-1.78635	0.00410384	0.294577	-3.3947	0.0910635	0.553873	-1.80547	0.00496689	0.30711	-3.25616	0.367786	0.745533	-1.34132	0.544914	0.823252	-1.2147	4.20028	6.70273	1.41847	1
cg17090593	EMX1	0.0287262	0.147807	0.708344	-1.41174	0.236443	1.31717	1.31717	0.802095	0.945757	-1.05735	0.823975	0.951731	-1.05072	0.625156	0.896424	-1.11554	0.459491	0.845989	-1.18205	0.0103822	0.488327	-2.04781	0.221266	1.33046	1.33046	0.00425221	2.33872	2.33872	4.15012	3.24139	0.694252	1
cg02744113	EMX1	0.0333185	0.445824	0.778704	-1.28418	0.0912706	1.81957	1.81957	0.211648	1.5273	1.5273	0.030386	2.26834	2.26834	0.616909	1.17624	1.17624	0.725765	0.892844	-1.12002	0.91553	0.966429	-1.03474	0.00117406	4.63051	4.63051	0.918689	1.03341	1.03341	3.93644	6.45811	1.45831	1
cg14940308	EMX1;EMX1	0.0194819	0.208079	0.852958	-1.17239	0.0335004	1.34669	1.34669	0.621127	1.06152	1.06152	0.0516809	0.766927	-1.3039	0.525276	0.925766	-1.08019	0.905953	1.01426	1.01426	0.00249193	0.60436	-1.65464	0.984286	1.00236	1.00236	0.0429811	1.32191	1.32191	4.74665	1.07944	0.202143	1
cg14845689	EMX2;EMX2	0.0223049	0.0257009	0.0664184	-15.0561	0.00124153	0.00798586	-125.221	0.261578	0.301723	-3.3143	0.211414	0.259891	-3.84777	0.0285323	0.0710175	-14.081	0.147931	0.204189	-4.89742	0.0202623	0.0569901	-17.5469	0.0347214	0.0805	-12.4224	0.0603856	0.114455	-8.73708	4.53247	75.1964	14.7472	1
cg20038591	EMX2;EMX2	0.0243044	0.0216886	0.237785	-4.20548	0.00326986	0.123771	-8.07943	0.061177	0.333044	-3.00261	0.0970543	0.387084	-2.58342	0.0380091	0.285487	-3.50279	0.185995	0.481544	-2.07666	0.00724873	0.164408	-6.08244	0.0555798	0.322853	-3.09738	0.0371816	0.283458	-3.52787	4.40014	18.927	3.82351	1
cg13630043	EMX2;EMX2	0.0306561	0.0151005	0.099562	-10.044	0.0144725	0.0974925	-10.2572	0.124142	0.276255	-3.61984	0.089237	0.235066	-4.25413	0.0304598	0.140159	-7.13476	0.0311091	0.141591	-7.06257	0.00589379	0.0618086	-16.179	0.138371	0.291523	-3.43026	0.043325	0.166031	-6.02296	4.05552	38.3409	8.40356	1
cg05653707	EMX2;EMX2;EMX2OS	0.000475433	0.0686716	1.41164	1.41164	0.70871	1.06555	1.06555	0.00688466	1.80741	1.80741	0.688915	0.934186	-1.07045	0.70173	1.06727	1.06727	0.604888	1.09232	1.09232	0.495574	0.889528	-1.12419	5.08E-06	5.78998	5.78998	0.191398	1.26365	1.26365	14.4915	6.56896	0.40293	1
cg03109101	EMX2;EMX2;EMX2OS	0.00150569	0.580542	0.913393	-1.09482	0.109137	1.32784	1.32784	0.304782	1.18825	1.18825	0.29299	0.837729	-1.1937	0.188377	0.797548	-1.25384	0.476747	0.889205	-1.1246	0.0394703	0.679365	-1.47196	3.09E-05	3.74408	3.74408	0.209331	1.23957	1.23957	10.4682	4.3674	0.370851	1
cg20348858	EMX2;EMX2;EMX2OS	0.003987	0.077477	1.59481	1.59481	0.0640851	0.609636	-1.64032	0.131334	0.678803	-1.47318	0.240703	0.746674	-1.33927	0.0144487	0.488277	-2.04802	0.0449616	0.578535	-1.72851	0.0124925	0.477535	-2.09409	0.00130995	3.04244	3.04244	0.032449	0.551289	-1.81393	7.8602	7.04161	0.796317	1
cg16656895	EMX2;EMX2;EMX2OS	0.0113671	0.132036	0.595904	-1.67812	0.0336513	0.453775	-2.20374	0.118623	0.583044	-1.71514	0.245056	0.678933	-1.4729	0.010706	0.360044	-2.77743	0.279962	0.6993	-1.43	0.00144047	0.230628	-4.33598	0.0264219	2.31233	2.31233	0.12167	0.586054	-1.70633	5.67212	9.1107	1.42775	1
cg17307442	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.0015984	0.996763	1.00201	1.00201	0.0551008	0.333695	-2.99675	0.273921	1.76259	1.76259	?	?	?	0.0173361	0.227666	-4.3924	?	?	?	0.0940445	0.39672	-2.52067	0.000110315	40.7298	40.7298	0.642203	0.793127	-1.26083	12.9335	38.1853	2.95243	1
cg05783915	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.00213384	0.732243	1.124	1.124	0.642337	0.852838	-1.17256	0.436982	0.763472	-1.30981	0.395618	1.3446	1.3446	0.68039	1.1514	1.1514	0.95095	1.02116	1.02116	0.056926	0.480329	-2.08191	2.80E-05	16.5378	16.5378	0.709065	1.13606	1.13606	9.46138	17.3581	1.63078	1
cg26168324	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.00263596	0.546776	1.14267	1.14267	0.623839	1.11416	1.11416	0.505914	0.862768	-1.15906	0.0634685	1.57835	1.57835	0.254729	1.29702	1.29702	0.257415	1.29495	1.29495	0.19507	0.741023	-1.34949	3.59E-05	5.71088	5.71088	0.0655412	1.57147	1.57147	8.89218	6.73555	0.673305	1
cg03522063	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.0127493	0.173052	0.714792	-1.39901	0.474802	0.845086	-1.18331	0.616465	0.889632	-1.12406	0.0614312	0.613863	-1.62903	0.304782	0.781835	-1.27904	0.209875	1.35803	1.35803	0.421208	1.2096	1.2096	0.000888208	3.16797	3.16797	0.0279367	1.82485	1.82485	5.46476	4.64176	0.755021	1
cg19685479	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.0207113	0.189506	1.4386	1.4386	0.0235569	2.02916	2.02916	0.805176	0.937379	-1.0668	0.522197	1.18499	1.18499	0.96649	0.989067	-1.01105	0.746493	1.08858	1.08858	0.45777	0.820484	-1.21879	0.00127628	3.41913	3.41913	0.00920329	2.37555	2.37555	4.64894	5.04163	0.963973	1
cg24188415	EMX2;EMX2OS;EMX2	1.55E-05	0.000202876	3.65932	3.65932	0.439023	0.848461	-1.1786	0.0366054	1.65812	1.65812	0.477813	1.16214	1.16214	0.16701	0.735852	-1.35897	0.336712	0.813647	-1.22903	0.00049828	0.321683	-3.10865	4.47E-07	19.4803	19.4803	0.00669012	2.08012	2.08012	36.2106	24.8605	0.610269	1
cg16654801	EMX2;EMX2OS;EMX2	0.000145357	0.256306	0.73877	-1.3536	0.586347	1.15073	1.15073	0.0719936	1.67059	1.67059	0.787815	0.93339	-1.07136	0.265107	0.743221	-1.3455	0.321246	0.769621	-1.29934	0.373996	0.792012	-1.26261	1.46E-06	22.7392	22.7392	0.478762	1.20201	1.20201	20.0259	20.7082	0.919175	1
cg03339065	EMX2;EMX2OS;EMX2	0.000335634	0.0106867	2.21036	2.21036	0.767819	0.929436	-1.07592	0.181046	1.4205	1.4205	0.928901	0.978182	-1.0223	0.200715	1.39661	1.39661	0.18945	1.40997	1.40997	0.49593	0.842914	-1.18636	3.15E-06	15.3708	15.3708	0.156219	1.45488	1.45488	15.9518	15.4353	0.860108	1
cg19844704	EMX2;EMX2OS;EMX2	0.00174626	0.115904	1.38473	1.38473	0.0415334	0.639105	-1.56469	0.0830934	1.44122	1.44122	0.588972	0.901305	-1.1095	0.246437	0.793836	-1.25971	0.000307994	3.05213	3.05213	0.231208	0.787244	-1.27025	0.00120638	2.46728	2.46728	0.00635787	1.96715	1.96715	10.0295	5.76348	0.510801	1
cg14460403	EMX2;EMX2OS;EMX2	0.00202119	0.460513	1.22129	1.22129	0.142427	1.52122	1.52122	0.0410945	1.87211	1.87211	0.956012	0.985431	-1.01478	0.982278	0.994108	-1.00593	0.900319	0.967209	-1.0339	0.9167	0.972549	-1.02823	2.12E-05	9.76363	9.76363	0.101152	1.61221	1.61221	9.61233	10.7765	0.996543	1
cg16301890	EMX2;EMX2OS;EMX2	0.00212158	0.225063	0.708501	-1.41143	0.871766	0.957252	-1.04466	0.749999	1.0903	1.0903	0.608086	1.15014	1.15014	0.964713	0.988107	-1.01204	0.434926	0.806179	-1.24042	0.875772	0.958573	-1.04322	2.34E-05	9.8307	9.8307	0.212536	1.42632	1.42632	9.47732	10.9784	1.02968	1
cg12317601	EMX2;EMX2OS;EMX2	0.00725837	0.410439	0.694387	-1.44012	0.44488	1.40139	1.40139	0.628032	1.23559	1.23559	0.613517	1.24692	1.24692	0.292938	0.623287	-1.6044	0.991825	1.00445	1.00445	0.204663	0.559939	-1.78591	0.000110011	19.1009	19.1009	0.392766	1.46133	1.46133	6.54069	19.4489	2.64313	1
cg09555367	EMX2;EMX2OS;EMX2	0.0199446	0.910921	1.01614	1.01614	0.00303271	1.78816	1.78816	0.0420328	1.39821	1.39821	0.264211	1.18116	1.18116	0.274534	0.849881	-1.17664	0.187674	1.22111	1.22111	0.222171	0.832304	-1.20148	0.00486602	1.70592	1.70592	0.544478	1.09173	1.09173	4.709	1.52657	0.288162	1
cg23308047	EMX2OS	0.00299713	0.286436	0.653628	-1.52992	0.431661	1.36108	1.36108	0.170681	1.75139	1.75139	0.140876	0.544226	-1.83747	0.0233726	0.353227	-2.83104	0.00331963	0.215263	-4.64548	0.000129986	0.0778383	-12.8471	0.0309218	0.377823	-2.64674	0.140348	0.54372	-1.83918	8.56058	20.005	2.07722	1
cg04450857	EMX2OS	0.0030008	0.110846	0.697618	-1.43345	0.000487979	0.322142	-3.10422	0.00109994	0.368804	-2.71147	0.048659	0.627016	-1.59486	?	?	?	0.0080335	0.494633	-2.0217	0.114587	1.4272	1.4272	0.395083	0.834818	-1.19787	0.103772	0.691604	-1.44591	8.74822	5.29148	0.604863	1
cg21468929	EMX2OS	0.00670112	0.645731	0.788761	-1.26781	0.331694	0.598451	-1.67098	0.826666	0.893662	-1.11899	0.00592394	0.157981	-6.32989	0.00497528	0.148673	-6.72618	0.279829	0.562176	-1.7788	0.00042974	0.0574831	-17.3964	0.791128	0.872778	-1.14577	0.00833298	0.177538	-5.63261	6.70561	27.9101	3.69974	1
cg02230593	EMX2OS	0.00857666	0.00532444	0.0556096	-17.9825	0.251141	0.389253	-2.56902	0.926358	1.07546	1.07546	0.0461695	0.165671	-6.03607	0.00116879	0.0235165	-42.5234	0.0496997	0.171743	-5.82264	0.00200194	0.0323146	-30.9457	0.276535	0.410391	-2.4367	0.0362217	0.147134	-6.79653	6.20638	60.8682	8.71765	1
cg15367892	EMX2OS	0.0122192	0.181698	0.521762	-1.91658	0.138065	0.480586	-2.08079	0.820992	0.901229	-1.1096	0.394454	0.67016	-1.49218	0.153875	0.496311	-2.01487	0.0444527	0.346761	-2.88383	0.000246554	0.0621421	-16.0922	0.0226367	0.28582	-3.4987	0.0494945	0.357539	-2.79689	5.54084	18.4781	2.96435	1
cg26495303	EMX2OS	0.0184086	0.00335382	0.0606222	-16.4956	0.0190826	0.136354	-7.33384	0.326314	0.490791	-2.03753	0.265864	0.442965	-2.25752	0.026426	0.157463	-6.35068	0.0145386	0.120741	-8.2822	0.101029	0.283294	-3.5299	0.583824	1.47481	1.47481	0.00785662	0.0911313	-10.9732	4.83843	37.7971	6.94388	1
cg05036106	EMX2OS	0.0200404	0.0923795	0.404834	-2.47015	0.453372	0.688735	-1.45194	0.920425	0.952388	-1.04999	0.022508	0.263375	-3.79687	0.0703118	0.372442	-2.68498	0.0349075	0.301146	-3.32065	0.00141956	0.104956	-9.5278	0.29758	0.590269	-1.69414	0.00746386	0.186045	-5.37504	4.70134	17.7463	3.35533	1
cg23087306	EMX2OS	0.0229303	0.151606	0.569968	-1.75449	0.686751	0.862132	-1.15991	0.50927	1.2776	1.2776	0.11967	0.539105	-1.85493	0.0535341	0.448278	-2.23076	0.135851	0.555366	-1.80061	0.0141901	0.330485	-3.02585	0.0048781	3.91741	3.91741	0.60706	0.827109	-1.20903	4.48955	9.52081	1.88503	1
cg12623982	EMX2OS	0.0281553	0.368027	0.391786	-2.55241	0.053926	0.108882	-9.18423	0.0954397	0.156242	-6.40032	0.0359837	0.0844008	-11.8482	0.0231857	0.0638886	-15.6522	0.0192078	0.0566462	-17.6534	0.00445002	0.0213775	-46.7782	0.761111	1.36209	1.36209	0.0238006	0.0649627	-15.3934	4.17963	67.9845	14.4584	1
cg05393045	EMX2OS	0.0285183	0.0782211	0.772027	-1.29529	0.893902	0.982509	-1.0178	0.0255153	1.42045	1.42045	0.139027	0.810119	-1.23439	0.0319198	0.717155	-1.3944	0.0824007	0.775359	-1.28972	0.00557145	0.617863	-1.61848	0.782193	0.964015	-1.03733	0.763671	0.960909	-1.04068	4.16079	1.15238	0.246188	1
cg07895186	EMX2OS;EMX2;EMX2	5.12E-08	0.000113464	0.757331	-1.32043	0.282191	0.955203	-1.0469	0.212744	1.05529	1.05529	0.018296	0.88919	-1.12462	0.00172267	0.832418	-1.20132	0.00740215	0.868053	-1.152	0.822363	0.990821	-1.00926	6.15E-10	3.86001	3.86001	0.000220983	1.28704	1.28704	155.853	4.15155	0.0236779	1
cg12894449	EMX2OS;EMX2;EMX2	0.000210609	0.000272262	0.501684	-1.99329	0.0181435	1.39332	1.39332	0.000393829	1.92074	1.92074	0.673942	0.952254	-1.05014	0.000617929	1.8391	1.8391	0.70738	1.04456	1.04456	0.0015533	0.590968	-1.69214	0.220576	1.16055	1.16055	0.0035116	1.58044	1.58044	18.1154	3.83477	0.188165	1
cg05825420	EMX2OS;EMX2;EMX2	0.000329848	0.307494	1.2205	1.2205	0.0136284	1.77825	1.77825	0.123336	1.37006	1.37006	0.695862	0.928576	-1.07692	0.409386	0.85287	-1.17251	0.854876	1.03514	1.03514	0.181215	0.765101	-1.30702	5.15E-06	7.05842	7.05842	0.00344533	2.11549	2.11549	16.0281	9.03197	0.500896	1
cg05539217	EMX2OS;EMX2;EMX2	0.000442247	0.727575	0.904706	-1.10533	0.114947	0.612109	-1.6337	0.168597	1.52209	1.52209	0.793864	0.927756	-1.07787	0.608018	0.862308	-1.15968	0.14612	1.56327	1.56327	0.922943	0.972675	-1.02809	1.08E-05	14.7032	14.7032	0.000562237	4.6241	4.6241	14.7846	19.2008	1.1544	1
cg15373239	EMX2OS;EMX2;EMX2	0.00127009	0.360409	0.842453	-1.18701	0.219587	0.790274	-1.26538	0.982136	1.00409	1.00409	0.840891	0.964014	-1.03733	0.553001	1.11564	1.11564	0.708742	1.07081	1.07081	0.53882	0.892742	-1.12014	1.37E-05	5.24014	5.24014	0.731616	0.939157	-1.06479	10.992	5.78749	0.468014	1
cg17276590	EMX2OS;EMX2;EMX2	0.00151323	0.0684392	6.27774	6.27774	0.0720686	6.09826	6.09826	0.00156187	59.9443	59.9443	0.00211503	0.020413	-48.9883	0.301856	0.381651	-2.62019	0.606614	0.626421	-1.59637	0.0224321	11.7392	11.7392	0.000541552	126.9	126.9	0.119752	4.57277	4.57277	10.4531	134.257	11.4167	1
cg26693467	EMX2OS;EMX2;EMX2	0.0219848	0.0846194	0.683064	-1.46399	0.123299	1.396	1.396	0.0486424	1.56843	1.56843	0.242633	0.783203	-1.27681	0.0377137	0.617755	-1.61876	0.0121835	0.535647	-1.8669	0.0353705	1.63172	1.63172	0.513666	0.87602	-1.14153	0.800662	1.05186	1.05186	4.55502	2.88106	0.562223	1
cg14274989	EN1	2.58E-06	0.761199	0.966167	-1.03502	0.887507	1.01611	1.01611	0.499721	1.08043	1.08043	0.0123538	1.42153	1.42153	0.787552	1.03097	1.03097	0.23554	1.15071	1.15071	0.000222294	0.499474	-2.00211	1.25E-07	6.66475	6.66475	1.45E-06	3.98416	3.98416	57.568	11.6254	0.179504	1
cg07529575	EN1	8.69E-05	0.279352	1.22294	1.22294	0.58479	1.10378	1.10378	0.599899	1.09935	1.09935	0.912309	0.98048	-1.01991	0.112588	1.36219	1.36219	0.873517	0.971893	-1.02892	0.0375783	0.649397	-1.53989	8.15E-07	10.6054	10.6054	0.036625	1.5443	1.5443	22.9841	11.6569	0.45082	1
cg24001710	EN1	0.000245277	0.527195	1.23008	1.23008	0.183155	0.633478	-1.57859	0.741257	1.11305	1.11305	0.683389	1.14173	1.14173	0.322765	0.718827	-1.39116	0.0551357	0.495192	-2.01942	0.0348961	0.45173	-2.21371	1.41E-05	18.643	18.643	0.000166176	7.9521	7.9521	17.38	28.7583	1.47082	1
cg19613432	EN1	0.000762719	0.767097	0.932738	-1.07211	0.139159	1.45233	1.45233	0.00152961	2.91342	2.91342	0.0444958	1.71766	1.71766	0.868954	1.03947	1.03947	0.891679	0.968562	-1.03246	0.0139475	0.490685	-2.03797	4.93E-05	5.97287	5.97287	0.00319673	2.56928	2.56928	12.7014	11.0563	0.773756	1
cg18962237	EN1	0.000845614	0.599083	0.875231	-1.14256	0.392934	1.24589	1.24589	0.0516155	1.74459	1.74459	0.000121822	5.39437	5.39437	0.981703	0.994255	-1.00578	0.297423	1.31175	1.31175	0.032369	0.53292	-1.87645	0.00175056	3.06655	3.06655	0.000325228	4.30456	4.30456	12.3379	12.3316	0.888438	1
cg07419575	EN1	0.00252273	0.54027	0.86658	-1.15396	0.00602661	2.29039	2.29039	0.413861	1.21281	1.21281	0.588113	0.881355	-1.13462	0.587796	0.881258	-1.13474	0.987856	1.00352	1.00352	0.491842	0.851076	-1.17498	4.97E-05	5.80746	5.80746	0.142109	1.43983	1.43983	9.00801	7.61107	0.751042	1
cg06704122	EN1	0.00268039	0.208241	1.16332	1.16332	0.00155713	1.6796	1.6796	0.0238074	1.36013	1.36013	0.0423402	1.30555	1.30555	0.136946	1.20042	1.20042	0.00350093	0.636574	-1.57091	0.00856726	0.682232	-1.46578	0.0403564	1.30999	1.30999	0.291532	1.13291	1.13291	8.84842	1.82196	0.18303	1
cg12418535	EN1	0.0063948	0.941097	0.965253	-1.036	0.237555	0.553142	-1.80786	0.388921	1.52587	1.52587	0.693348	1.20884	1.20884	0.4233	1.47903	1.47903	0.014521	0.2367	-4.22476	0.902527	0.943051	-1.06039	0.0494575	2.92377	2.92377	0.000250696	18.0013	18.0013	6.80371	24.679	3.22425	1
cg12305200	EN1	0.00843815	0.0114365	4.68392	4.68392	0.641008	0.79523	-1.2575	0.325674	1.64074	1.64074	0.597134	0.770869	-1.29724	0.568813	0.755042	-1.32443	0.698614	0.827097	-1.20905	0.016404	0.239053	-4.18318	0.0014556	9.42743	9.42743	0.0182392	4.04785	4.04785	6.23839	23.5199	3.35127	1
cg06946452	EN1	0.0110554	0.828914	0.913082	-1.09519	0.465937	0.732156	-1.36583	0.343575	0.663679	-1.50675	0.786278	1.12097	1.12097	0.715541	0.85746	-1.16623	0.770369	1.13086	1.13086	0.557944	0.779607	-1.2827	0.379852	1.46011	1.46011	0.000155348	15.2074	15.2074	5.72325	16.0027	2.48541	1
cg08050360	EN1	0.0115039	0.945002	1.01987	1.01987	0.00242134	0.299865	-3.33483	0.965431	1.01244	1.01244	0.613156	1.15649	1.15649	0.314842	0.743481	-1.34502	0.93327	1.02417	1.02417	0.880795	1.04372	1.04372	0.00101112	4.01898	4.01898	0.970038	0.989346	-1.01077	5.65024	7.27813	1.14499	1
cg15888290	EN1	0.0151031	0.0110683	0.284791	-3.51135	0.969298	0.984942	-1.01529	0.872685	1.06526	1.06526	0.364196	0.692401	-1.44425	0.00141173	0.161717	-6.18364	0.303017	0.656661	-1.52286	0.0610903	0.435161	-2.298	0.0313875	2.70534	2.70534	0.677354	0.847936	-1.17933	5.16898	12.7224	2.18782	1
cg26990102	EN1	0.0237833	0.0419198	8.49073	8.49073	0.0892078	5.52848	5.52848	0.275752	2.81343	2.81343	0.193706	3.50656	3.50656	0.0463625	0.124693	-8.0197	0.269242	2.8568	2.8568	0.255119	0.338253	-2.95637	0.00951141	20.024	20.024	0.0139987	15.9337	15.9337	4.43329	58.4418	11.7178	1
cg16419009	EN1	0.0356147	0.776503	0.839448	-1.19126	0.456245	0.627136	-1.59455	0.00881274	7.77358	7.77358	0.580438	0.70942	-1.4096	0.509469	0.662669	-1.50905	0.84223	0.884667	-1.13037	0.37548	0.571604	-1.74946	0.0029949	12.2242	12.2242	0.482531	1.55097	1.55097	3.84281	23.0128	5.32313	1
cg03266453	EN1	0.0392526	0.343878	0.748534	-1.33594	0.0327924	2.09976	2.09976	0.662632	0.87774	-1.13929	0.00930554	2.66461	2.66461	0.815633	1.07184	1.07184	0.20139	1.493	1.493	0.518973	0.823481	-1.21436	0.013872	2.46733	2.46733	0.0599183	1.87863	1.87863	3.70878	5.18317	1.24226	1
cg20804050	EN1;EN1	0.000360635	0.307761	0.712378	-1.40375	0.131171	1.688	1.688	0.228857	0.666532	-1.5003	0.316159	1.39503	1.39503	0.316702	0.717117	-1.39447	0.253373	0.681676	-1.46697	0.80031	1.08483	1.08483	3.99E-06	31.2797	31.2797	0.623969	1.17201	1.17201	15.64	25.5615	1.45277	1
cg14297772	EN1;EN1	0.000460232	0.00299596	0.574928	-1.73935	0.288561	0.86088	-1.1616	0.0481979	1.35933	1.35933	0.114822	0.79203	-1.26258	3.79E-05	0.341299	-2.92998	0.4144	0.892758	-1.12012	0.00280547	0.571287	-1.75043	0.00744621	1.59775	1.59775	0.166479	1.22212	1.22212	14.6225	4.28135	0.26026	1
cg12231969	EN1;EN1	0.031528	0.755109	0.894981	-1.11734	0.0325561	2.42822	2.42822	0.0401384	2.31859	2.31859	0.716186	0.878556	-1.13823	0.633229	0.843262	-1.18587	0.508512	1.26851	1.26851	0.0119441	0.328797	-3.04139	0.0148869	2.89238	2.89238	0.871773	1.05895	1.05895	4.01515	7.99649	1.77029	1
cg22231902	EN1;EN1	0.0369213	0.407292	0.82011	-1.21935	0.645414	0.89727	-1.11449	0.886404	0.967111	-1.03401	0.0753361	0.629242	-1.58921	0.00248366	0.373899	-2.67452	0.956675	1.01279	1.01279	0.153071	0.699095	-1.43042	0.0309825	1.80856	1.80856	0.943637	0.983594	-1.01668	3.79281	3.2879	0.770558	1
cg05462543	EN2	6.42E-06	0.66099	0.963891	-1.03746	0.991898	0.999154	-1.00085	0.000321886	1.62415	1.62415	0.0155921	1.28036	1.28036	0.320281	0.917974	-1.08936	0.70256	1.03249	1.03249	0.908703	1.00961	1.00961	5.88E-08	4.67335	4.67335	0.439047	1.06798	1.06798	45.498	5.00467	0.0977756	1
cg10914137	EN2	0.00106721	0.00112382	0.465442	-2.14849	0.15087	0.782313	-1.27826	0.000191997	2.7228	2.7228	0.130784	0.770897	-1.29719	0.147807	0.780655	-1.28098	0.0415987	0.687537	-1.45447	0.0086297	0.586236	-1.7058	0.0811815	1.36112	1.36112	0.80258	1.04076	1.04076	11.5513	4.65239	0.358009	1
cg14215702	EN2	0.0231933	0.0599871	0.266729	-3.74912	0.0401299	4.3799	4.3799	0.896246	1.08465	1.08465	0.140589	0.372612	-2.68376	0.0124685	0.144247	-6.93253	0.512514	0.661217	-1.51236	0.00403131	0.0902034	-11.0861	0.576385	1.42121	1.42121	0.47477	0.635921	-1.57252	4.47194	27.4708	5.46038	1
cg23772205	EN2	0.0260563	0.0521404	1.5111	1.5111	0.311911	0.82242	-1.21592	0.786987	0.950641	-1.05192	0.250479	0.798979	-1.2516	0.616733	0.910007	-1.09889	0.383674	1.18168	1.18168	0.951447	1.01144	1.01144	0.000870737	2.5433	2.5433	0.564859	0.896951	-1.11489	4.29483	2.37572	0.491697	1
cg11648289	EN2	0.0448935	0.229312	1.20656	1.20656	0.0758497	0.7452	-1.34192	0.0893228	0.756643	-1.32163	0.381574	1.14292	1.14292	0.814113	0.965548	-1.03568	0.0108958	1.60926	1.60926	0.0718646	0.741473	-1.34867	0.154097	1.25497	1.25497	0.473897	1.11451	1.11451	3.52866	1.23828	0.311929	1
cg17803868	EN2;EN2	0.00420777	0.0708187	1.39284	1.39284	0.0166417	1.61599	1.61599	0.170272	1.27091	1.27091	0.251413	1.21736	1.21736	0.156684	1.28231	1.28231	0.363941	1.16549	1.16549	0.897002	1.02149	1.02149	5.23E-05	3.45911	3.45911	0.0759555	1.38288	1.38288	7.73338	3.29998	0.379306	1
cg07790831	ENAH;ENAH	0.000192835	0.0448582	0.815177	-1.22673	0.289598	1.10247	1.10247	0.002298	1.45964	1.45964	0.0169993	1.29474	1.29474	2.18E-05	0.468994	-2.13222	0.733443	0.970117	-1.0308	0.0152601	0.767653	-1.30267	0.0106854	1.3295	1.3295	0.0021078	0.681292	-1.4678	18.5537	2.31472	0.110896	1
cg17497320	ENAH;ENAH	0.000467373	0.00715128	0.676318	-1.47859	0.216657	1.15764	1.15764	0.896753	1.01473	1.01473	0.0499421	0.777441	-1.28627	0.000237101	0.50374	-1.98515	0.397433	1.10248	1.10248	0.00683324	1.48366	1.48366	0.850296	0.978949	-1.0215	7.42E-05	0.444559	-2.24942	14.5603	2.92372	0.178489	1
cg18314121	ENAH;ENAH	0.00127091	0.144551	0.783322	-1.27661	0.0529821	0.709868	-1.40871	0.0600975	0.718581	-1.39163	0.0590043	1.39411	1.39411	0.175979	0.799152	-1.25133	0.0314599	0.674913	-1.48167	3.78E-05	0.29156	-3.42982	0.362269	1.1571	1.1571	0.00444971	0.553613	-1.80632	10.99	4.22643	0.34184	1
cg23591039	ENAH;ENAH	0.00159134	0.38074	0.763074	-1.31049	0.275557	0.710956	-1.40656	0.801605	0.927074	-1.07866	0.099021	1.72275	1.72275	2.10E-05	0.0758834	-13.1781	0.690114	0.88645	-1.12809	0.381064	1.31024	1.31024	0.986875	0.995065	-1.00496	0.0505248	0.511581	-1.95472	10.3026	14.7589	1.27338	1
cg07371373	ENAH;ENAH	0.00514442	0.25344	1.20942	1.20942	0.00406788	0.540751	-1.84928	0.0478112	0.69716	-1.43439	0.8934	0.978853	-1.0216	0.124358	1.30377	1.30377	0.585118	0.915868	-1.09186	0.000561369	2.34594	2.34594	0.166306	0.790337	-1.26528	0.790932	0.958528	-1.04327	7.27502	2.92822	0.357781	1
cg15676084	ENAH;ENAH	0.00960979	0.157067	0.860956	-1.1615	0.00386461	1.46968	1.46968	0.157139	1.16147	1.16147	0.102078	0.837761	-1.19366	0.0797506	1.21211	1.21211	0.423122	0.922248	-1.08431	0.00264626	0.66266	-1.50907	0.677512	1.04224	1.04224	0.412655	1.08639	1.08639	5.98623	0.927915	0.137785	1
cg27172916	ENAH;ENAH	0.0133559	0.609011	0.870858	-1.14829	0.38868	0.78915	-1.26719	0.396581	0.7924	-1.26199	0.19557	1.44325	1.44325	0.807045	0.936515	-1.06779	0.557281	0.852915	-1.17245	0.000530558	0.235469	-4.24683	0.115916	0.632535	-1.58094	0.00525023	0.372786	-2.6825	5.38241	6.12453	1.01145	1
cg04880195	ENAH;ENAH	0.0157866	0.270243	0.817421	-1.22336	0.830913	0.963144	-1.03827	0.146993	0.76085	-1.31432	0.461324	1.14077	1.14077	0.501127	0.887	-1.1274	0.312433	1.20142	1.20142	0.000260667	0.348343	-2.87074	0.221459	0.797962	-1.25319	0.535016	0.895538	-1.11665	5.09368	2.48797	0.434171	1
cg09158218	ENAH;ENAH	0.0181472	0.0246203	0.710917	-1.40663	0.0545795	1.32047	1.32047	0.0480814	0.749744	-1.33379	0.00472166	0.61969	-1.61371	0.0636173	0.766555	-1.30454	0.666315	1.05686	1.05686	0.295113	1.14845	1.14845	0.089045	0.787357	-1.27007	0.112778	0.802472	-1.24615	4.86179	1.25135	0.228786	1
cg23842386	ENAH;ENAH;ENAH;ENAH	0.00625856	0.040564	0.70556	-1.41731	0.08647	0.756327	-1.32218	0.103841	0.769292	-1.2999	0.178713	0.810029	-1.23452	0.184111	0.812384	-1.23095	0.790345	1.04008	1.04008	0.000155273	0.384674	-2.5996	0.757395	0.955334	-1.04675	0.082479	1.32797	1.32797	6.84925	2.35916	0.306169	1
cg01088658	ENAM	0.000538177	0.00113423	0.324948	-3.07742	0.668172	1.10653	1.10653	0.000293789	0.250367	-3.99414	0.00493745	0.417279	-2.39648	0.00925417	0.460551	-2.17131	0.000395612	0.265964	-3.75991	0.000114006	0.203945	-4.90328	0.022432	0.526229	-1.90031	0.269508	0.763435	-1.30987	14.0015	12.2195	0.775761	1
cg03335624	ENC1	0.00776384	0.00472788	0.129244	-7.73733	0.00509706	0.132916	-7.52355	0.029173	0.24628	-4.06041	0.0279516	0.242717	-4.12002	0.00204615	0.0935549	-10.6889	0.310414	0.56427	-1.7722	0.0027093	0.104507	-9.5687	0.325808	0.575149	-1.73868	0.0385227	0.270671	-3.69452	6.40418	30.1481	4.1845	1
cg25369980	ENC1	0.0142404	?	?	?	0.583427	2.56786	2.56786	0.02897	80.1764	80.1764	0.0664764	33.2674	33.2674	?	?	?	?	?	?	0.0774874	0.0353733	-28.2699	0.00682434	390.634	390.634	0.0232239	101.51	101.51	5.66189	173.351	40.823	1
cg11199137	ENC1	0.0483008	0.703875	0.575838	-1.7366	0.979824	1.03723	1.03723	0.0450771	27.7531	27.7531	0.051248	24.7348	24.7348	0.285637	0.201337	-4.96679	0.707718	0.580219	-1.72349	0.998799	0.997827	-1.00218	0.00872807	125.118	125.118	0.0224374	52.0731	52.0731	3.43285	113.57	29.4074	1
cg19467738	ENDOD1	0.000210633	0.00229287	0.426154	-2.34657	0.0912937	1.45081	1.45081	0.0746895	1.48777	1.48777	0.772671	1.05967	1.05967	0.149601	0.734075	-1.36226	0.000520938	0.338705	-2.95242	1.02E-05	0.150654	-6.63772	0.709143	1.07786	1.07786	0.00656419	0.493392	-2.02679	18.1148	11.487	0.563666	1
cg07343527	ENDOD1	0.00336341	0.0815916	0.493899	-2.0247	0.00257533	6.08074	6.08074	0.0301174	2.64502	2.64502	0.11858	0.543198	-1.84095	0.0512604	0.437381	-2.28633	0.000823118	0.0979159	-10.2128	?	?	?	0.0850371	2.00332	2.00332	0.142664	1.75714	1.75714	16.5653	24.8622	0.938036	1
cg11512800	ENDOD1	0.00635222	0.555132	1.23299	1.23299	0.261171	1.50863	1.50863	0.0341569	2.38071	2.38071	0.768445	0.901588	-1.10915	0.754679	0.895839	-1.11627	0.000175108	0.107108	-9.33639	0.0661478	0.485166	-2.06115	0.760121	1.11345	1.11345	0.873167	1.05766	1.05766	6.81782	13.2961	1.73351	1
cg16317734	ENDOD1	0.00690231	0.407019	0.892305	-1.12069	0.141074	1.23696	1.23696	0.537784	1.08743	1.08743	0.777386	0.962637	-1.03881	0.0150479	0.669358	-1.49397	0.0924836	1.28241	1.28241	0.00311938	0.580971	-1.72126	0.00666934	1.60459	1.60459	0.0357934	1.38841	1.38841	6.64416	1.89913	0.254076	1
cg11378101	ENDOD1	0.0313681	0.0164269	0.428288	-2.33488	0.414801	1.2726	1.2726	0.228851	0.694059	-1.4408	0.0240942	0.459357	-2.17695	0.430584	1.26195	1.26195	0.762931	1.09142	1.09142	0.0243178	0.460128	-2.17331	0.149831	1.56283	1.56283	0.032638	0.485278	-2.06067	4.02246	5.32777	1.17734	1
cg26402417	ENDOD1	0.0322109	0.0794503	0.211464	-4.72894	0.141674	3.52937	3.52937	0.527026	0.599594	-1.6678	0.666473	1.41347	1.41347	0.659777	1.42412	1.42412	0.572094	0.634049	-1.57716	0.00344745	0.0420089	-23.8045	0.128561	3.70976	3.70976	0.0340428	0.138843	-7.20236	3.9845	40.1935	8.96663	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24193635	ENDOD1	0.0343415	0.0563274	0.773299	-1.29316	0.874531	1.01898	1.01898	0.0425164	0.757395	-1.32031	0.26408	1.14853	1.14853	0.959914	1.006	1.006	0.0406722	0.754917	-1.32465	0.0102871	1.46917	1.46917	0.111078	0.813422	-1.22937	0.782778	0.967656	-1.03342	3.89377	0.872765	0.199239	1
cg03564754	ENDOG	4.79E-05	0.00123649	0.405785	-2.46436	0.00511376	2.02696	2.02696	0.0350568	0.625616	-1.59843	0.170474	0.756693	-1.32154	2.36E-06	0.111557	-8.96406	0.166674	0.754559	-1.32528	0.0456454	0.645528	-1.54912	0.000399954	0.34103	-2.93229	8.53E-05	0.259711	-3.85043	26.9318	15.5594	0.513542	1
cg04621255	ENDOG	0.046704	0.737533	0.942624	-1.06087	0.0117542	1.73825	1.73825	0.00259591	2.08161	2.08161	0.365591	1.1774	1.1774	0.979205	0.995432	-1.00459	0.93561	1.0143	1.0143	0.324742	0.836396	-1.19561	0.921953	1.01737	1.01737	0.557049	1.10997	1.10997	3.47668	1.69942	0.434493	1
cg07318313	ENG;ENG	0.000769543	0.0287391	0.337716	-2.96107	0.000246894	0.0782851	-12.7738	0.0337612	0.352302	-2.83847	0.492916	0.745989	-1.3405	0.000209792	0.0735946	-13.588	0.0379894	0.363358	-2.75211	0.000318766	0.0860766	-11.6176	0.00119863	0.135706	-7.3689	0.00842965	0.242743	-4.11958	12.6696	35.5344	2.49306	1
cg01937819	ENG;ENG	0.0205624	0.0787037	0.366083	-2.73162	0.00494303	0.14725	-6.79117	0.0320331	0.274543	-3.64242	0.662873	0.797926	-1.25325	0.252163	0.540326	-1.85074	0.353274	0.611698	-1.63479	0.00310293	0.12466	-8.02183	0.0110543	0.193976	-5.15527	0.0436184	0.303059	-3.29969	4.66038	19.547	3.72825	1
cg14055970	ENG;ENG	0.0247142	0.062616	6.65635	6.65635	0.0292052	10.2232	10.2232	0.11089	4.8133	4.8133	0.0599845	6.81908	6.81908	0.0402211	8.53619	8.53619	0.12717	4.44776	4.44776	0.00402541	32.9676	32.9676	0.00791824	21.7811	21.7811	0.0160252	14.397	14.397	4.37468	56.7074	11.5223	1
cg14185922	ENG;ENG	0.0279549	0.903413	0.971836	-1.02898	0.00338765	0.391585	-2.55372	0.0111933	0.4733	-2.11282	0.385094	1.23312	1.23312	0.100514	0.654841	-1.52709	0.978469	1.00637	1.00637	0.12377	0.675524	-1.48033	0.114412	1.49789	1.49789	0.572578	0.874439	-1.14359	4.19016	3.67482	0.779567	1
cg24910675	ENG;ENG;ENG;ENG	0.0263338	0.050245	0.222595	-4.49247	0.00295857	0.0641723	-15.583	0.0336829	0.188303	-5.3106	0.231988	0.430083	-2.32513	0.0224178	0.158625	-6.30419	0.217231	0.417339	-2.39613	0.0143502	0.131095	-7.62803	0.0234889	0.16179	-6.18085	0.0716159	0.258191	-3.8731	4.27895	30.7046	6.37844	1
cg22109370	ENGASE	3.34E-06	0.935462	1.01073	1.01073	0.00727178	0.633637	-1.57819	9.26E-06	0.282912	-3.53466	0.00134798	0.541351	-1.84723	1.06E-07	0.10425	-9.59228	2.87E-05	0.338575	-2.95356	9.27E-05	0.398786	-2.50761	0.000687185	0.50501	-1.98016	2.29E-05	0.327397	-3.0544	53.8479	14.8123	0.244513	1
cg19475258	ENGASE	0.0039594	0.00471286	0.366262	-2.73028	0.134214	0.649216	-1.54032	0.128104	0.644045	-1.55269	0.596269	0.866745	-1.15374	0.000579001	0.240779	-4.15319	0.00404413	0.356072	-2.80842	0.00437286	0.361255	-2.76813	0.0294928	0.503754	-1.98509	0.00269948	0.329974	-3.03055	7.87667	8.92517	1.00721	1
cg08533865	ENGASE	0.0198433	0.0561763	7.23335	7.23335	0.00161245	62.6124	62.6124	0.00579158	27.309	27.309	0.0686241	6.45465	6.45465	0.0928212	5.42988	5.42988	0.0561515	7.23517	7.23517	0.0346165	9.52508	9.52508	0.044103	8.2993	8.2993	0.101424	5.15936	5.15936	4.71715	62.5359	11.7841	1
cg23836168	ENGASE	0.0400616	0.830932	1.08276	1.08276	0.0121867	3.19544	3.19544	0.115316	1.89028	1.89028	0.00770474	3.57264	3.57264	0.826128	0.921438	-1.08526	0.0877233	2.01567	2.01567	0.0470819	2.32825	2.32825	0.0433021	2.37368	2.37368	0.039698	2.42182	2.42182	3.68105	8.06357	1.94717	1
cg01389032	ENHO	0.0116593	0.946323	1.0166	1.0166	0.015757	2.06174	2.06174	0.00388025	2.58858	2.58858	0.529821	1.16841	1.16841	0.0981022	0.641651	-1.55848	0.228354	1.36231	1.36231	0.00793888	2.29886	2.29886	0.455275	1.20439	1.20439	0.0386481	0.556721	-1.79623	5.62577	5.32838	0.841901	1
cg14348588	ENHO	0.0333941	0.106824	0.715725	-1.39719	0.503651	0.879041	-1.1376	0.47796	1.14689	1.14689	0.0486119	0.651869	-1.53405	0.0505419	0.65487	-1.52702	0.0119941	0.551363	-1.81369	0.00281998	0.457709	-2.1848	0.187355	0.766856	-1.30403	0.553588	0.892402	-1.12057	3.93323	2.24804	0.508044	1
cg02725718	ENKUR	0.000192777	0.898938	1.01251	1.01251	0.000161783	0.532461	-1.87807	0.00227197	0.658473	-1.51866	0.90434	0.988302	-1.01184	1.84E-05	0.425537	-2.34997	0.333302	1.1026	1.1026	0.00529358	1.43295	1.43295	0.0134669	0.741255	-1.34906	0.21866	0.881068	-1.13499	18.5553	2.81475	0.13484	1
cg06763909	ENKUR;THNSL1	0.0102629	0.143992	0.868022	-1.15204	0.000205569	1.75196	1.75196	0.0619256	1.2087	1.2087	0.839532	0.981884	-1.01845	0.648061	0.959408	-1.04231	0.798897	1.02329	1.02329	0.139903	1.15398	1.15398	0.75797	1.02826	1.02826	0.882535	1.01342	1.01342	5.86171	0.754789	0.114459	1
cg07834476	ENKUR;THNSL1	0.0366818	0.0533648	0.682704	-1.46476	0.224695	1.24833	1.24833	0.014159	1.69298	1.69298	0.411473	0.864106	-1.15727	0.728539	0.941201	-1.06247	0.900755	1.02194	1.02194	0.0786981	0.712035	-1.40443	0.523679	1.11896	1.11896	0.0162083	1.66773	1.66773	3.80181	1.82135	0.425845	1
cg23267872	ENO1	1.47E-06	1.02E-07	0.579689	-1.72506	0.000259701	1.20928	1.20928	0.00675782	0.894899	-1.11744	0.704611	0.988026	-1.01212	7.72E-05	0.797371	-1.25412	0.407816	1.02714	1.02714	3.88E-06	0.711641	-1.4052	0.00561019	1.12188	1.12188	8.64E-05	0.800244	-1.24962	66.4881	1.05329	0.0140816	1
cg25849281	ENO1	3.41E-06	3.60E-07	0.0771594	-12.9602	0.000146288	3.13083	3.13083	0.150444	0.763983	-1.30893	0.626494	1.08944	1.08944	0.803166	0.957317	-1.04459	0.100446	1.36931	1.36931	4.90E-06	0.161772	-6.18156	0.0479699	1.4842	1.4842	4.19E-05	0.256179	-3.90352	53.5514	25.8737	0.429473	1
cg10443148	ENO1	0.000263924	0.754638	1.04663	1.04663	0.527834	1.09744	1.09744	0.950506	1.00906	1.00906	0.168022	1.23809	1.23809	1.40E-05	0.267852	-3.73341	0.0148543	0.646898	-1.54584	0.700272	1.05784	1.05784	0.000629627	2.1465	2.1465	0.00902631	0.617245	-1.6201	17.0363	5.70116	0.297464	1
cg12711814	ENO1	0.00068846	0.276193	1.17593	1.17593	0.0120158	1.56554	1.56554	0.742419	0.95391	-1.04832	6.83E-05	2.83526	2.83526	0.0221451	0.675389	-1.48063	0.448679	1.1168	1.1168	0.0616079	0.739911	-1.35151	0.00366037	1.75466	1.75466	0.00993881	0.627585	-1.59341	13.0717	4.23791	0.288182	1
cg10313368	ENO1	0.00106192	0.0127126	0.548395	-1.8235	0.00558177	0.49353	-2.02622	0.00996013	0.531806	-1.88039	0.518468	1.13542	1.13542	0.000483235	0.345813	-2.89174	0.0170841	0.568899	-1.75778	0.00057806	0.355914	-2.80966	0.0103842	1.87049	1.87049	0.394034	0.844187	-1.18457	11.5676	6.89619	0.529926	1
cg17167924	ENO1	0.0193978	0.161409	1.18092	1.18092	0.0613719	0.791069	-1.26411	0.43474	1.09267	1.09267	0.00274771	0.631593	-1.5833	0.00890415	0.69068	-1.44785	0.291942	0.885514	-1.12929	0.100505	0.818684	-1.22147	0.351759	1.11244	1.11244	0.952357	1.00667	1.00667	4.75361	0.93086	0.174064	1
cg10365178	ENO1	0.0194599	0.505894	0.907101	-1.10241	0.00374996	1.75986	1.75986	0.294757	1.16995	1.16995	0.0340524	0.69954	-1.42951	0.528042	1.09674	1.09674	0.175988	0.812347	-1.231	0.437672	0.891937	-1.12116	0.0203183	1.49792	1.49792	0.0904718	1.30925	1.30925	4.74847	1.56917	0.29374	1
cg13432294	ENO1	0.0285273	0.00731928	0.373622	-2.6765	0.126986	0.625038	-1.5999	0.671226	1.12926	1.12926	0.294941	0.733991	-1.36241	0.0169942	0.436616	-2.29034	0.641134	0.874892	-1.143	0.00306674	0.315261	-3.17197	0.104944	0.603821	-1.65612	0.130578	0.628228	-1.59178	4.16032	5.34134	1.14122	1
cg06972019	ENO1	0.0292878	0.00450948	0.178845	-5.59143	0.440349	0.710032	-1.40839	0.643888	0.816941	-1.22408	0.942681	1.03169	1.03169	0.0720456	0.412172	-2.42617	0.21397	0.564261	-1.77223	0.00274587	0.150972	-6.62375	0.0265009	0.309577	-3.23022	0.180188	0.536194	-1.865	4.5419	13.2566	2.27013	1
cg07483064	ENO1;ENO1	0.00653563	0.316496	0.799321	-1.25106	0.106698	0.680956	-1.46852	0.672018	0.912355	-1.09606	0.00358749	0.40986	-2.43986	0.133671	0.703124	-1.42222	0.0780142	1.53481	1.53481	0.264867	1.28616	1.28616	0.000986169	3.08234	3.08234	0.347566	1.23253	1.23253	7.77833	5.58496	0.558456	1
cg21691089	ENO1;ENO1	0.0100598	0.0529278	0.707794	-1.41284	0.0297564	1.49462	1.49462	0.35386	0.860823	-1.16168	0.224726	0.818442	-1.22183	0.308379	0.847349	-1.18015	0.041857	1.44556	1.44556	0.00147381	2.0565	2.0565	0.0401397	1.45148	1.45148	0.918644	1.01618	1.01618	5.89935	2.30628	0.3475	1
cg23199063	ENO2	0.000185458	0.0167653	0.757199	-1.32066	0.00686882	1.39582	1.39582	3.79E-05	2.12395	2.12395	0.000286937	0.568909	-1.75775	0.0768403	1.2062	1.2062	0.00898576	0.728678	-1.37235	0.145117	0.861505	-1.16076	0.0892621	1.19546	1.19546	0.0901924	0.837018	-1.19472	18.7508	2.69568	0.12779	1
cg22977254	ENO2	0.00224201	0.273678	1.51478	1.51478	0.00994195	0.278124	-3.59552	0.0125757	0.297575	-3.3605	0.000811216	0.117966	-8.47704	0.0214434	0.344915	-2.89927	?	?	?	0.31755	1.45605	1.45605	0.000597562	0.103966	-9.61851	?	?	?	14.5338	22.0163	1.29843	1
cg10201141	ENO2;ATN1	0.0214407	0.192313	1.51922	1.51922	0.00310909	3.40653	3.40653	0.0443608	2.01341	2.01341	0.013723	2.51792	2.51792	0.836058	0.939137	-1.06481	0.0644366	1.87676	1.87676	0.899383	0.962391	-1.03908	0.00661523	2.91049	2.91049	0.133787	1.63239	1.63239	4.5943	6.68208	1.29283	1
cg18323018	ENO3;ENO3	0.0343286	0.126838	0.76487	-1.30741	0.704256	0.939973	-1.06386	0.982332	0.996412	-1.0036	0.0614069	0.710288	-1.40788	0.104126	0.749447	-1.33432	0.360197	1.16497	1.16497	0.00278567	1.95272	1.95272	0.530197	0.901929	-1.10873	0.279895	0.833317	-1.20002	3.8943	1.62517	0.370951	1
cg19506535	ENO3;ENO3	0.0454873	0.040054	2.18394	2.18394	0.101758	1.80346	1.80346	0.0375992	2.21239	2.21239	0.128615	1.71717	1.71717	0.182216	0.627454	-1.59374	0.0848405	1.87266	1.87266	0.0134041	2.74046	2.74046	0.0679012	1.96042	1.96042	0.0696995	1.94994	1.94994	3.51133	6.02678	1.52567	1
cg01505700	ENO3;ENO3;PFN1	0.0155056	0.559552	0.913156	-1.0951	0.0014429	2.03201	2.03201	0.0447765	0.701404	-1.42571	0.875113	0.976075	-1.02451	0.283875	1.18698	1.18698	0.240585	0.82765	-1.20824	0.134974	0.78028	-1.28159	0.715434	0.945187	-1.05799	0.0243418	0.661539	-1.51163	5.12413	1.92381	0.333725	1
cg05106804	ENOPH1	0.00163337	0.710514	1.09894	1.09894	0.00186424	0.327274	-3.05554	0.00401939	0.376069	-2.65908	0.00421791	0.379259	-2.63672	0.290062	0.757403	-1.3203	0.000119758	0.18235	-5.48395	0.00467988	0.386189	-2.58941	0.878156	0.961923	-1.03958	0.46601	0.828843	-1.2065	10.2253	10.3698	0.901455	1
cg04165099	ENOPH1	0.0168912	0.0815676	0.663113	-1.50804	0.380319	0.825706	-1.21109	0.00758395	0.481495	-2.07686	0.427233	1.18829	1.18829	0.00177872	0.387996	-2.57735	0.0304809	0.582072	-1.718	0.0712631	0.651314	-1.53536	0.653023	1.1011	1.1011	0.0485604	0.619082	-1.61529	4.98017	3.57228	0.637602	1
cg00039044	ENOPH1;ENOPH1;HNRPDL;HNRPDL	0.0470656	0.0474627	0.477166	-2.0957	0.0749727	1.91	1.91	0.0272925	2.34506	2.34506	0.357002	1.36224	1.36224	0.0523032	0.486648	-2.05487	0.243132	0.671289	-1.48967	0.5526	1.21658	1.21658	0.468893	0.786264	-1.27184	0.148137	1.65902	1.65902	3.46659	5.84622	1.49906	1
cg13873733	ENOPH1;HNRPDL;HNRPDL	0.0175418	0.00181568	0.36754	-2.72079	0.138394	1.43356	1.43356	0.0557198	1.63135	1.63135	0.110114	0.674934	-1.48163	0.549348	0.872169	-1.14657	0.670765	0.907976	-1.10135	0.0399258	0.585001	-1.7094	0.0814099	0.646568	-1.54663	0.151846	0.707078	-1.41427	4.91754	3.9696	0.717541	1
cg05134796	ENOPH1;HNRPDL;HNRPDL	0.0236974	0.039918	0.462889	-2.16034	0.0639208	0.50895	-1.96483	0.478627	1.26317	1.26317	0.931619	1.02823	1.02823	0.0104229	0.351332	-2.84631	0.449307	0.778758	-1.2841	0.0035311	0.277269	-3.60661	0.0158686	0.383596	-2.60691	0.164385	0.618058	-1.61797	4.43884	7.39516	1.4809	1
cg07283778	ENOSF1;ENOSF1;ENOSF1	0.000683681	0.000440204	5.60498	5.60498	0.239222	1.46622	1.46622	0.246435	1.45695	1.45695	0.349105	0.741347	-1.3489	0.0441233	0.487688	-2.05049	0.126807	0.598836	-1.66991	0.0027376	0.276946	-3.61081	0.000249883	6.52874	6.52874	0.0315282	2.18802	2.18802	13.0972	19.9976	1.35721	1
cg05915892	ENOSF1;ENOSF1;ENOSF1	0.0229015	0.0298755	0.408803	-2.44617	0.0419064	0.44009	-2.27226	0.111439	0.545026	-1.83477	0.0333703	0.418797	-2.38779	0.00147325	0.20058	-4.98554	0.0505041	0.458309	-2.18194	0.0140286	0.345851	-2.89142	0.310381	0.692509	-1.44403	0.127498	0.561648	-1.78048	4.49149	8.71673	1.72509	1
cg07100532	ENOSF1;ENOSF1;ENOSF1	0.0331996	0.0259523	3.06067	3.06067	0.0913396	2.19646	2.19646	0.17878	1.83026	1.83026	0.0792055	2.28109	2.28109	0.0786511	2.28534	2.28534	0.399372	0.694133	-1.44065	0.0032237	5.47821	5.47821	0.0232169	3.15257	3.15257	0.214255	1.73903	1.73903	3.9415	11.1787	2.52103	1
cg01118451	ENOX1	0.00266202	0.234679	0.752967	-1.32808	0.805666	0.945402	-1.05775	0.485608	1.17515	1.17515	0.628734	1.11737	1.11737	3.80E-05	0.165201	-6.05324	0.507936	0.858139	-1.16531	0.0434301	0.589182	-1.69727	0.19365	1.36791	1.36791	0.20164	0.735556	-1.35952	8.86641	7.28554	0.730402	1
cg10201400	ENOX1	0.0158444	0.446615	0.89214	-1.1209	0.130647	0.786501	-1.27145	0.0163748	1.53988	1.53988	0.00687903	1.67335	1.67335	0.0699133	0.742173	-1.3474	0.153915	0.798843	-1.25181	0.862479	0.974814	-1.02584	0.122039	0.78147	-1.27964	0.0438811	1.40602	1.40602	5.08749	1.74415	0.304738	1
cg06587495	ENOX1	0.0295614	0.0974106	0.35729	-2.79884	0.0848118	0.34012	-2.94014	0.00353981	0.10678	-9.36506	0.710874	0.81003	-1.23452	0.0249699	0.221029	-4.5243	0.0566824	0.295049	-3.38927	0.0154555	0.186155	-5.37187	0.799083	1.15526	1.15526	0.0359655	0.251447	-3.97698	4.10824	20.8326	4.50748	1
cg19025435	ENOX1	0.0446749	0.881126	1.0477	1.0477	0.310115	0.721036	-1.38689	0.690515	1.13273	1.13273	0.00240512	0.268021	-3.73105	0.837637	0.938102	-1.06598	0.212054	1.50585	1.50585	0.0384213	2.11061	2.11061	0.709925	1.12339	1.12339	0.764529	1.09806	1.09806	3.53511	5.42958	1.36525	1
cg19176541	ENOX1;ENOX1	9.92E-05	3.95E-05	0.139394	-7.17389	0.288655	0.758766	-1.31793	3.40E-05	0.133693	-7.47984	0.002791	0.355974	-2.80919	0.0713407	0.603649	-1.65659	0.00350869	0.370705	-2.69757	4.36E-05	0.143148	-6.98578	0.00157065	0.320407	-3.12103	0.000185653	0.205573	-4.86444	22.1864	22.0708	0.884259	1
cg06333307	ENOX1;ENOX1	0.00132664	0.506957	0.882523	-1.13311	0.00145561	0.425892	-2.34801	0.422981	0.859062	-1.16406	0.666955	1.08368	1.08368	0.000233876	0.322178	-3.10387	0.0151507	1.73995	1.73995	0.103424	0.71849	-1.39181	0.00731952	1.89997	1.89997	0.0978871	0.713873	-1.40081	10.8558	5.92386	0.485053	1
cg08126118	ENOX1;ENOX1	0.00279188	0.0454216	0.671594	-1.48899	0.0267504	0.63425	-1.57667	0.00574648	0.533636	-1.87394	0.00174375	0.461002	-2.16919	0.454766	0.876262	-1.14121	0.934054	1.01446	1.01446	0.00251648	2.07066	2.07066	0.101034	1.36555	1.36555	0.0414224	0.664958	-1.50385	8.74248	4.1674	0.423719	1
cg08776855	ENOX1;ENOX1	0.00438456	0.228385	0.870822	-1.14834	0.31489	0.892523	-1.12042	0.030201	0.756661	-1.3216	0.778	1.03141	1.03141	0.245778	0.875629	-1.14204	0.740659	0.964312	-1.03701	0.000140677	2.0523	2.0523	0.216579	1.15288	1.15288	0.147992	0.843834	-1.18507	7.63767	1.44795	0.168516	1
cg24658360	ENOX1;ENOX1	0.0049836	0.00225215	0.195672	-5.1106	0.000860491	0.148192	-6.74802	0.00822685	0.27535	-3.63174	0.0132431	0.309949	-3.22634	0.0362361	0.394922	-2.53214	0.00538797	0.247132	-4.04642	0.0413382	0.407457	-2.45425	0.0786438	0.474637	-2.10687	0.00826506	0.275672	-3.6275	7.34596	16.9357	2.04929	1
cg13319488	ENOX1;ENOX1	0.0120027	0.741625	0.954606	-1.04755	0.462879	1.11063	1.11063	0.610876	1.07471	1.07471	0.507933	1.0989	1.0989	0.332814	0.869119	-1.15059	0.0451015	1.38101	1.38101	0.00030275	0.438395	-2.28105	0.594363	0.927308	-1.07839	0.306865	0.861971	-1.16013	5.57308	1.74018	0.277554	1
cg05539841	ENOX1;ENOX1	0.012121	0.120163	0.656047	-1.52428	0.00169593	0.325891	-3.06851	0.00516246	0.39719	-2.51769	0.0156843	0.476857	-2.09706	0.0170798	0.483376	-2.06878	0.553672	1.1616	1.1616	0.637145	1.12615	1.12615	0.636966	0.887928	-1.12622	0.0753238	0.609505	-1.64068	5.55537	5.50068	0.880138	1
cg10448831	ENOX1;ENOX1	0.0137952	0.899628	1.02669	1.02669	0.404773	1.19479	1.19479	0.573461	1.1261	1.1261	0.152151	1.37748	1.37748	0.000426005	0.312002	-3.20511	0.929232	0.981626	-1.01872	0.727963	1.07563	1.07563	0.935248	0.983179	-1.01711	0.0240937	0.570291	-1.75349	5.3256	3.67627	0.613601	1
cg01113680	ENOX1;ENOX1	0.014714	0.994303	0.998047	-1.00196	0.0112008	0.418821	-2.38766	0.00343319	0.336753	-2.96953	0.490598	0.825523	-1.21135	0.0398646	0.521763	-1.91658	0.747499	1.09248	1.09248	0.0107448	2.40538	2.40538	0.841079	0.94651	-1.05651	0.57062	0.854753	-1.16993	5.21375	6.19146	1.05558	1
ch.13.557053R	ENOX1;ENOX1	0.016967	0.0259919	0.230438	-4.33956	?	?	?	0.0210531	0.214091	-4.67091	?	?	?	0.123959	0.396382	-2.52282	0.00129248	0.0739581	-13.5212	0.06508	0.316484	-3.15972	0.111944	0.38234	-2.61547	0.494222	0.680047	-1.47049	5.18184	19.6937	4.34344	1
cg23507819	ENOX1;ENOX1	0.0178925	0.572941	0.876847	-1.14045	0.801614	0.943569	-1.05981	0.0102655	0.474078	-2.10936	0.108308	0.667519	-1.49808	0.00050036	0.284784	-3.51143	0.336925	0.79579	-1.25661	0.0872791	0.646889	-1.54586	0.784073	1.06542	1.06542	0.197073	0.73006	-1.36975	4.88496	4.11825	0.749376	1
cg13644852	ENOX1;ENOX1	0.019793	0.777475	0.926704	-1.07909	0.885134	1.0396	1.0396	0.156359	1.50284	1.50284	0.821007	1.06277	1.06277	0.00138174	0.287651	-3.47644	0.609593	0.870778	-1.1484	0.224001	0.7095	-1.40944	0.0213839	0.47574	-2.10199	0.0165608	0.455489	-2.19544	4.72121	5.39708	1.01614	1
cg24797276	ENOX1;ENOX1	0.0236683	0.0203405	0.299832	-3.3352	0.391623	0.685212	-1.4594	0.472885	1.3695	1.3695	0.0534346	2.57249	2.57249	0.00685772	0.221353	-4.51767	0.935359	1.03555	1.03555	0.245637	1.68709	1.68709	0.0339814	2.90379	2.90379	0.999077	0.999502	-1.0005	4.44073	13.0466	2.6115	1
cg26434653	ENOX1;ENOX1	0.0256231	0.490725	1.13626	1.13626	0.0293266	0.625987	-1.59748	0.0529967	0.669473	-1.49371	0.462569	0.872441	-1.14621	0.838755	0.963502	-1.03788	0.00488155	1.97554	1.97554	0.0476132	1.51195	1.51195	0.275282	1.23013	1.23013	0.510135	1.12966	1.12966	4.32003	2.27836	0.468795	1
cg20906165	ENOX1;ENOX1	0.0259132	0.0599598	0.568183	-1.75999	0.0151498	0.451658	-2.21406	0.0114108	0.430234	-2.32432	0.239224	0.720137	-1.38862	0.0410523	0.533666	-1.87383	0.306261	0.754152	-1.32599	0.0173829	0.462325	-2.16298	0.181669	0.685458	-1.45888	0.00351475	0.348399	-2.87028	4.3031	4.83578	0.998925	1
cg19446350	ENOX1;ENOX1	0.0363968	0.197089	0.660004	-1.51514	0.0759314	0.54781	-1.82545	0.0386374	0.481994	-2.07471	0.827406	1.0688	1.0688	0.009105	0.364345	-2.74465	0.0206739	0.427828	-2.33739	0.0193542	0.422428	-2.36727	0.299644	1.38753	1.38753	0.625383	0.860768	-1.16175	3.81261	5.60626	1.30707	1
cg13960576	ENOX1;ENOX1	0.0417478	0.0367858	0.277729	-3.60063	0.0817161	0.360997	-2.7701	0.253929	0.533017	-1.87611	0.691507	1.23447	1.23447	0.0095782	0.176849	-5.65455	0.885417	0.926674	-1.07913	0.203299	0.492027	-2.03241	0.706336	0.818806	-1.22129	0.0041404	0.131297	-7.6163	3.62541	16.0155	3.92672	1
cg20469744	ENOX1;ENOX1	0.0455991	0.339068	0.679171	-1.47238	0.74144	0.878097	-1.13883	0.192023	0.581463	-1.7198	0.115069	0.510319	-1.95956	0.0125057	0.295268	-3.38675	0.0415038	0.397354	-2.51665	0.00418549	0.221711	-4.51037	0.999062	1.00046	1.00046	0.0503237	0.416467	-2.40115	3.5081	8.56448	2.17008	1
cg08867267	ENOX2;ENOX2	0.0178771	0.691181	0.924802	-1.08131	0.0981439	0.701043	-1.42645	0.0140096	0.552111	-1.81123	0.504204	1.1419	1.1419	0.00178349	0.418697	-2.38836	0.818559	1.04601	1.04601	0.0310558	1.64144	1.64144	0.941919	1.01437	1.01437	0.937361	0.98473	-1.01551	4.88637	2.96647	0.539636	1
cg25450034	ENOX2;ENOX2	0.0292674	0.0139372	0.226248	-4.41993	0.174678	0.493421	-2.02667	0.0315611	0.291251	-3.43347	0.115284	0.432667	-2.31125	0.00432143	0.154664	-6.46565	0.578397	0.759817	-1.31611	0.0108754	0.209191	-4.78032	0.808788	0.888143	-1.12595	0.0440764	0.322417	-3.10157	4.12282	15.6323	3.37037	1
cg04748637	ENPEP	0.00476252	0.950124	0.980588	-1.0198	0.0998364	0.56828	-1.7597	0.0149373	0.391445	-2.55464	0.309649	1.39023	1.39023	0.000284871	0.156105	-6.40594	0.0720385	0.532988	-1.87621	0.00533026	0.3165	-3.15956	0.0446405	0.485544	-2.05954	0.0132745	0.382267	-2.61597	7.44827	11.5848	1.38255	1
cg08733482	ENPEP	0.0117457	0.0152871	0.401985	-2.48766	0.135935	0.611574	-1.63513	0.0271719	0.44927	-2.22583	0.0428575	0.490048	-2.04062	0.00733752	0.347273	-2.87958	0.0927866	0.567805	-1.76117	0.000837749	0.214845	-4.65451	0.657242	1.14644	1.14644	0.110152	0.586946	-1.70374	5.61233	8.32382	1.31834	1
cg15712076	ENPEP	0.0131099	0.00980992	0.233648	-4.27994	0.609749	0.795117	-1.25768	0.242665	0.580114	-1.7238	0.0407746	0.349309	-2.86279	0.000608195	0.0951024	-10.515	0.0153249	0.265645	-3.76442	0.0329808	0.32937	-3.0361	0.145145	0.498189	-2.00727	0.0818886	0.423759	-2.35983	5.41523	17.0105	2.7922	1
cg24192671	ENPEP	0.0226921	0.0800485	0.316579	-3.15877	0.0175585	0.180603	-5.53701	0.0922208	0.333666	-2.99701	0.161305	0.412325	-2.42527	0.0025971	0.0844753	-11.8378	0.164957	0.415916	-2.40433	0.0036791	0.0977516	-10.23	0.104288	0.349345	-2.8625	0.0673115	0.296938	-3.36771	4.50572	25.0289	4.9377	1
cg20773127	ENPEP	0.0247808	0.0496859	0.390689	-2.55958	0.011411	0.264717	-3.77761	0.0885869	0.454492	-2.20026	0.327956	0.654514	-1.52785	0.00720922	0.233234	-4.28754	0.0269055	0.332825	-3.00458	0.00633044	0.224875	-4.44691	0.025274	0.327394	-3.05442	0.201784	0.567906	-1.76086	4.37059	12.1968	2.48058	1
cg18944383	ENPEP	0.0278613	0.0767005	0.280033	-3.571	0.0145319	0.142802	-7.00268	0.101167	0.313336	-3.19146	0.349494	0.53653	-1.86383	0.012175	0.13267	-7.53747	0.414965	0.583502	-1.71379	0.00278082	0.0695207	-14.3842	0.0232338	0.1731	-5.777	0.145274	0.363814	-2.74866	4.19511	27.7699	5.88408	1
cg09248380	ENPEP	0.0288089	0.107364	0.367922	-2.71796	0.00224742	0.0877263	-11.3991	0.0152753	0.18366	-5.44484	0.318645	0.556323	-1.79752	0.0565215	0.292783	-3.41549	0.0779335	0.328081	-3.04803	0.0296464	0.233022	-4.29145	0.0239183	0.215861	-4.6326	0.171552	0.436855	-2.28909	4.14591	21.2551	4.55712	1
cg15711616	ENPEP	0.0488904	0.0479871	0.287905	-3.47337	0.278411	0.537525	-1.86038	0.455635	0.658012	-1.51973	0.232337	0.501632	-1.99349	0.0349721	0.258355	-3.87064	0.063665	0.317149	-3.15309	0.0116824	0.176294	-5.67233	0.0073386	0.149029	-6.7101	0.0565178	0.304478	-3.28431	3.41712	16.4188	4.27099	1
cg07587796	ENPEP;ENPEP	0.00999713	0.035056	0.362079	-2.76183	0.00495735	0.214572	-4.66044	0.263709	0.617558	-1.61928	0.239551	0.600803	-1.66444	0.00863571	0.25028	-3.99552	0.0646721	0.423809	-2.35955	0.00353448	0.194778	-5.13404	0.00180663	0.159515	-6.26901	0.0466395	0.389657	-2.56636	5.91116	16.0218	2.40927	1
cg15406387	ENPEP;ENPEP	0.034436	0.0484653	0.331137	-3.0199	0.00513724	0.163323	-6.12285	0.0419476	0.316893	-3.15564	0.338679	0.616621	-1.62174	0.0449478	0.323629	-3.08996	0.016764	0.239029	-4.18359	0.036433	0.303569	-3.29414	0.0260168	0.27385	-3.65164	0.130833	0.449417	-2.2251	3.88991	14.8069	3.38354	1
cg01661247	ENPP1	0.000437466	0.00202347	0.330882	-3.02222	0.000489501	0.249677	-4.00518	0.00210304	0.333262	-3.00064	0.13922	0.667456	-1.49823	0.000117583	0.180336	-5.54521	0.0077703	0.419661	-2.38288	0.000114057	0.17899	-5.5869	0.739553	1.08845	1.08845	0.0144366	0.464948	-2.15078	14.8291	15.1558	0.908474	1
cg14610633	ENPP1	0.000447197	0.699446	0.972305	-1.02848	0.000151541	1.60106	1.60106	0.000681143	1.45618	1.45618	0.00211438	0.73134	-1.36735	0.00191772	1.37445	1.37445	0.542398	1.04566	1.04566	0.715459	1.02686	1.02686	0.144974	0.89286	-1.12	0.0382715	0.840436	-1.18986	14.7392	1.22353	0.0737887	1
cg11464873	ENPP1	0.000682181	0.177966	0.853634	-1.17146	0.00852575	0.689961	-1.44936	0.0588773	0.789875	-1.26602	0.2526	0.876239	-1.14124	1.61E-05	0.374335	-2.67141	0.580797	1.06361	1.06361	0.0191383	1.36814	1.36814	0.889619	0.984765	-1.01547	0.016899	0.724565	-1.38014	13.1053	2.53697	0.172075	1
cg26704948	ENPP1	0.00720744	0.0239519	0.353701	-2.82725	0.0241928	2.8204	2.8204	0.0500681	2.3679	2.3679	0.30927	1.50076	1.50076	0.00672781	0.257743	-3.87983	0.0767397	0.467906	-2.13718	?	?	?	0.0114933	0.295285	-3.38656	0.401717	0.718109	-1.39255	6.69096	14.0216	2.0956	1
cg11412046	ENPP1	0.0168841	0.519158	0.883215	-1.13223	0.880034	0.971708	-1.02912	0.877211	0.971046	-1.02982	0.233601	1.26784	1.26784	0.00984934	0.538	-1.85874	0.213023	0.779411	-1.28302	0.000659153	0.371022	-2.69526	0.0791268	0.690431	-1.44837	0.277302	0.806776	-1.2395	4.98086	2.8487	0.508381	1
cg09035093	ENPP1	0.017278	0.014752	1.47587	1.47587	0.0683957	0.767473	-1.30298	0.116596	1.24753	1.24753	0.0181678	1.45069	1.45069	0.151691	1.22047	1.22047	0.0428935	1.35291	1.35291	0.00694128	1.57319	1.57319	0.513959	0.917728	-1.08965	0.0670665	1.30504	1.30504	4.94258	1.31705	0.236863	1
cg00049892	ENPP1	0.0173503	0.271803	0.550856	-1.81536	0.365068	0.615627	-1.62436	0.178462	0.474655	-2.10679	0.170495	0.467272	-2.14008	0.00702424	0.162561	-6.15153	0.158281	2.19504	2.19504	0.00165979	0.0957793	-10.4407	0.165857	2.16036	2.16036	0.890926	0.930978	-1.07414	4.93567	21.2392	3.82506	1
cg04296147	ENPP1	0.0308088	0.331644	1.12708	1.12708	0.098034	1.24206	1.24206	0.397959	0.901792	-1.1089	0.469511	1.09187	1.09187	0.0990501	1.24109	1.24109	0.0228657	1.38435	1.38435	0.00609219	0.65202	-1.5337	0.211422	0.854491	-1.17029	0.493218	1.08667	1.08667	4.04835	0.914705	0.20084	1
cg05417985	ENPP1	0.0308468	0.825847	1.03044	1.03044	0.133732	1.2462	1.2462	0.0149756	1.50242	1.50242	0.640821	0.938057	-1.06603	0.0754354	1.30911	1.30911	0.576358	1.07984	1.07984	0.0783057	0.766307	-1.30496	0.00939365	0.638809	-1.56541	0.570634	1.08112	1.08112	4.04657	1.18692	0.260725	1
cg01243251	ENPP2;ENPP2;ENPP2	0.0023483	0.923069	1.01196	1.01196	0.000231936	0.471553	-2.12065	0.000598085	0.521149	-1.91884	0.0406782	0.747686	-1.33746	0.801912	0.969544	-1.03141	0.104805	1.24373	1.24373	0.44109	1.10148	1.10148	0.0540143	0.764062	-1.30879	0.73283	1.04306	1.04306	9.19974	2.20585	0.213131	1
cg20048037	ENPP2;ENPP2;ENPP2	0.01242	0.119172	0.713561	-1.40142	0.382378	0.836293	-1.19575	0.00459338	0.471002	-2.12313	0.00185006	0.413953	-2.41573	0.848322	0.962509	-1.03895	0.0219128	0.577674	-1.73108	0.749146	1.06612	1.06612	0.470468	0.863708	-1.1578	0.00477775	0.473546	-2.11173	5.51154	3.4764	0.560665	1
cg25461865	ENPP3	0.00098099	0.000813944	0.304021	-3.28924	0.0193184	0.513091	-1.94897	0.0114116	0.47389	-2.11019	0.000210694	0.2319	-4.31219	0.000839083	0.305757	-3.27057	0.000468922	0.273409	-3.65752	0.131194	0.680883	-1.46868	0.00654904	0.434715	-2.30036	0.0126658	0.481486	-2.0769	11.8307	10.4232	0.783132	1
cg18334681	ENPP3	0.010912	0.0093462	0.193102	-5.17861	0.249809	0.548808	-1.82213	0.191413	0.501562	-1.99377	0.00446752	0.150818	-6.63051	0.00165352	0.105772	-9.45431	0.109402	0.418613	-2.38884	0.014278	0.221454	-4.51561	0.042232	0.311189	-3.21348	0.00972243	0.195608	-5.11227	5.74737	22.6553	3.50387	1
cg20988616	ENPP3	0.0246801	0.0241465	0.558542	-1.79038	0.316636	0.799108	-1.2514	0.372832	0.820216	-1.21919	0.000764596	0.331424	-3.01728	0.0159339	0.527615	-1.89532	0.116714	0.69128	-1.44659	0.618669	0.897002	-1.11482	0.605957	0.893399	-1.11932	0.441947	0.843799	-1.18512	4.37678	3.25276	0.66061	1
cg22069017	ENPP3;CTAGE9	0.0349399	0.0404678	0.696626	-1.43549	0.195337	0.81121	-1.23273	0.00701736	0.58712	-1.70323	0.811313	0.964124	-1.03721	0.144073	0.786831	-1.27092	0.50798	1.10804	1.10804	0.0883665	1.33272	1.33272	0.819641	0.965713	-1.0355	0.0174164	0.642585	-1.55621	3.86954	1.43022	0.328542	1
cg23634318	ENPP4	0.00260357	0.888756	1.01375	1.01375	0.018962	1.31934	1.31934	0.108911	1.18595	1.18595	0.0275212	1.28952	1.28952	0.00381123	1.46315	1.46315	0.689247	1.03999	1.03999	0.000253317	0.555305	-1.80081	0.451155	1.07776	1.07776	0.610579	1.05137	1.05137	8.92467	1.34489	0.133949	1
cg25606773	ENPP4	0.0149679	0.0856693	0.758577	-1.31826	0.00529339	0.585867	-1.70687	0.00361332	0.563861	-1.77349	0.983257	0.996952	-1.00306	0.868924	0.976263	-1.02431	0.0773281	0.751536	-1.33061	0.0710501	1.34088	1.34088	0.040071	0.708149	-1.41213	0.0660641	0.740879	-1.34975	5.18437	1.73721	0.297854	1
cg05725531	ENPP4	0.0281308	0.622206	1.12508	1.12508	0.557229	0.868606	-1.15127	0.593265	1.13647	1.13647	0.375423	1.24093	1.24093	0.000356353	3.89634	3.89634	0.22051	1.35752	1.35752	0.881993	1.03588	1.03588	0.827539	1.05314	1.05314	0.542437	1.15756	1.15756	4.18091	3.72857	0.792717	1
cg23722778	ENPP4	0.0314123	0.0291961	2.07521	2.07521	0.316473	0.745112	-1.34208	0.105115	0.604661	-1.65382	0.517298	1.20504	1.20504	0.0717224	1.77046	1.77046	0.165393	1.52249	1.52249	0.0157376	2.31823	2.31823	0.0120898	2.43247	2.43247	0.223809	1.43775	1.43775	4.02043	5.13931	1.13626	1
cg20570410	ENPP4	0.0449702	0.258153	0.799071	-1.25145	0.0075599	0.520347	-1.92179	0.0125721	0.554323	-1.804	0.181317	0.763554	-1.30967	0.148345	1.34278	1.34278	0.220315	1.2776	1.2776	0.895965	0.975437	-1.02518	0.496181	0.876908	-1.14037	0.810186	1.04681	1.04681	3.5264	2.01838	0.508767	1
cg08211306	ENPP4;ENPP4	0.0447583	0.00658887	0.411675	-2.4291	0.120938	1.52663	1.52663	0.0619619	1.69678	1.69678	0.303272	0.764725	-1.30766	0.0865201	0.621068	-1.61013	0.287933	0.757641	-1.31989	0.300534	1.3098	1.3098	0.605358	1.14011	1.14011	0.827727	1.05636	1.05636	3.53264	3.54067	0.89091	1
cg24510700	ENPP5	0.0111214	0.757881	0.965713	-1.0355	0.00157529	0.599197	-1.6689	0.0843505	0.806189	-1.2404	0.00631008	1.49384	1.49384	0.886969	1.01618	1.01618	0.0326384	0.754194	-1.32592	0.514737	0.92817	-1.07739	0.609027	0.943456	-1.05993	0.282287	1.13436	1.13436	5.71228	1.15179	0.17923	1
cg06463629	ENPP5	0.0366855	0.436505	0.936867	-1.06739	0.186082	1.12207	1.12207	0.58235	0.955395	-1.04669	0.971925	0.997113	-1.0029	0.555575	0.952202	-1.0502	0.0159461	0.784705	-1.27436	0.115511	0.868868	-1.15092	0.385401	1.07584	1.07584	0.0055606	1.34882	1.34882	3.80167	0.40637	0.0950156	1
cg10779656	ENPP5	0.0460469	0.254158	1.17133	1.17133	0.0908044	1.28074	1.28074	0.00683675	1.59245	1.59245	0.704518	0.950658	-1.0519	0.884634	0.980903	-1.01947	0.771421	1.03945	1.03945	0.0183358	0.68376	-1.4625	0.627478	1.0671	1.0671	0.145871	1.23043	1.23043	3.49525	0.976413	0.248315	1
cg27054144	ENPP6	0.000418699	0.00256559	0.534521	-1.87083	0.00547566	1.72835	1.72835	0.000385013	0.428016	-2.33636	0.000340004	0.421216	-2.37408	0.000398761	0.429939	-2.32591	0.320865	0.857583	-1.16607	0.159473	1.25257	1.25257	0.94205	1.01095	1.01095	0.296127	0.850205	-1.17619	15.0098	5.33411	0.315889	1
cg07125251	ENPP6	0.000914809	0.786354	1.1491	1.1491	0.0271131	3.81229	3.81229	0.0011199	11.6419	11.6419	0.579121	0.750802	-1.33191	0.11356	0.414453	-2.41282	0.000261718	0.0464196	-21.5426	0.133717	0.437188	-2.28735	0.454159	0.677038	-1.47702	0.00185948	9.57305	9.57305	12.0669	50.0108	3.68396	1
cg04993089	ENPP6	0.00247788	0.398784	0.796321	-1.25577	0.292517	1.33364	1.33364	0.000200501	5.18371	5.18371	0.219719	0.711604	-1.40528	0.704254	0.904347	-1.10577	0.703656	1.10601	1.10601	0.381969	0.789471	-1.26667	0.524712	0.843711	-1.18524	0.000513883	4.17624	4.17624	9.05569	9.96872	0.978509	1
cg23202058	ENPP6	0.00249128	0.331195	1.14771	1.14771	0.0144975	1.51268	1.51268	0.586341	1.07842	1.07842	0.286725	1.16417	1.16417	0.827298	1.03048	1.03048	0.230931	1.18848	1.18848	2.47E-05	3.16563	3.16563	0.148923	1.23701	1.23701	0.353211	1.14026	1.14026	9.04133	2.7037	0.265812	1
cg12221729	ENPP6	0.00292625	0.580367	0.926801	-1.07898	0.870582	1.02244	1.02244	0.0394454	0.72303	-1.38307	0.0169105	0.672571	-1.48683	0.000822328	0.503532	-1.98597	0.82129	1.03128	1.03128	0.0039422	1.69545	1.69545	0.00639826	0.616961	-1.62085	0.0243131	0.693905	-1.44112	8.62159	2.53038	0.260883	1
cg18500469	ENPP6	0.0043552	0.616555	0.912582	-1.09579	0.929462	0.984085	-1.01617	9.83E-05	3.50252	3.50252	0.86377	1.03161	1.03161	0.725595	1.06593	1.06593	0.964935	0.992066	-1.008	0.29879	0.822722	-1.21548	0.85275	0.966893	-1.03424	0.00532401	1.94512	1.94512	7.65322	3.97953	0.462205	1
cg10203211	ENPP6	0.0373729	0.115009	0.259167	-3.85852	0.308433	0.435789	-2.29469	0.152599	0.299051	-3.34391	0.481327	0.568958	-1.7576	0.00204191	0.0325448	-30.7269	0.0127995	0.0874881	-11.4301	0.0262565	0.125302	-7.98073	0.112879	0.256752	-3.8948	0.486306	0.572721	-1.74605	3.77603	37.126	8.73957	1
cg08334726	ENPP6	0.0427029	0.203254	1.22151	1.22151	0.0664844	0.735941	-1.35881	0.0291215	0.68175	-1.46681	0.754842	0.954404	-1.04777	0.111532	0.772417	-1.29464	0.116314	1.2895	1.2895	0.378169	1.14421	1.14421	0.0141173	0.63681	-1.57033	0.628788	1.07527	1.07527	3.59511	1.26383	0.312482	1
cg06737308	ENPP6	0.0480104	0.266044	0.66163	-1.51142	0.299892	0.681888	-1.46652	0.162595	0.587838	-1.70115	0.694766	0.868879	-1.15091	0.0137709	2.96019	2.96019	0.373161	0.721923	-1.38519	0.00856623	3.30444	3.30444	0.869227	0.942965	-1.06049	0.979148	0.990728	-1.00936	3.44069	6.9219	1.78825	1
cg10332003	ENPP6	0.0487616	0.151421	1.25849	1.25849	0.0977196	0.762041	-1.31227	0.235769	0.830406	-1.20423	0.107292	0.768801	-1.30073	0.55823	0.915248	-1.0926	0.033965	1.44809	1.44809	0.0420304	1.41968	1.41968	0.15954	0.798657	-1.2521	0.215961	0.823022	-1.21503	3.42054	1.21195	0.314948	1
cg11106865	ENPP6	0.0491309	0.0446516	0.47422	-2.10873	0.218997	0.65811	-1.5195	0.0720433	1.91523	1.91523	0.0134305	0.371324	-2.69307	0.0530086	0.490854	-2.03726	0.895063	0.95819	-1.04363	0.227037	0.663347	-1.50751	0.107025	0.565857	-1.76723	0.416252	1.30852	1.30852	3.41077	5.65801	1.47455	1
cg14565120	ENPP7	0.000354246	0.101291	0.633772	-1.57785	2.26E-05	0.11556	-8.65351	0.0123656	0.453118	-2.20693	0.763039	0.926021	-1.07989	0.00183837	0.324786	-3.07895	0.133226	0.662508	-1.50942	0.000203243	0.205289	-4.87119	0.0100414	0.437815	-2.28407	0.000493515	0.249902	-4.00157	15.7171	16.0826	0.909563	1
cg24253464	ENPP7	0.000556845	0.00262758	0.491594	-2.0342	0.00973679	0.572632	-1.74632	0.000845925	0.425036	-2.35274	0.149923	0.768588	-1.30109	0.00028941	0.364887	-2.74057	0.0068674	0.550541	-1.8164	0.000101569	0.309097	-3.23523	0.00150232	0.458382	-2.18159	0.00154687	0.460099	-2.17344	13.8693	6.38657	0.409317	1
cg25975818	ENPP7	0.000945173	0.00151048	0.657746	-1.52034	0.0104244	0.744084	-1.34394	0.00164365	0.661569	-1.51156	0.720575	0.967615	-1.03347	0.00486938	0.710254	-1.40795	0.00115059	0.645389	-1.54945	0.00236782	1.47488	1.47488	0.769455	0.973422	-1.0273	0.0368971	0.800783	-1.24878	11.956	1.59082	0.118272	1
cg11615347	ENPP7	0.00244118	0.0177679	0.549475	-1.81992	0.106985	0.693806	-1.44133	0.207345	0.758638	-1.31815	0.121075	0.705233	-1.41797	0.000599004	0.332831	-3.00453	0.00771354	0.491095	-2.03626	0.0483255	0.625801	-1.59795	0.000259125	0.286899	-3.48554	0.00203432	0.405079	-2.46865	9.09552	6.21715	0.607592	1
cg02310027	ENPP7	0.00450995	0.302363	0.740934	-1.34965	0.0142599	0.42816	-2.33557	0.00157853	0.279872	-3.57306	0.378629	0.776085	-1.28852	0.00092079	0.249231	-4.01234	0.0125996	0.418703	-2.38833	0.0168961	0.441377	-2.26564	0.0301099	0.488817	-2.04575	0.00224805	0.301106	-3.32109	7.57265	9.44563	1.10874	1
cg09658645	ENPP7	0.00601629	0.00728963	0.659526	-1.51624	0.915514	1.01232	1.01232	0.00154197	0.572143	-1.74782	0.187462	0.849851	-1.17668	0.0332626	0.744976	-1.34233	0.237058	0.865883	-1.15489	0.282171	1.13855	1.13855	0.0027984	0.605808	-1.65069	0.00261012	0.601885	-1.66145	7.99979	1.65236	0.16065	1
cg19270309	ENPP7	0.0257241	0.0757002	0.346888	-2.88278	0.0187986	0.21775	-4.59243	0.00998084	0.175117	-5.71045	0.798725	0.872109	-1.14665	0.00451912	0.131811	-7.58661	0.121311	0.406745	-2.45854	0.0374443	0.274408	-3.6442	0.0241543	0.236986	-4.21966	0.0592462	0.31966	-3.12833	4.31411	19.5952	4.03745	1
cg03830006	ENPP7	0.0336915	0.392854	0.71413	-1.40031	0.46063	0.749061	-1.335	0.00304754	0.209878	-4.76467	0.0579138	0.438404	-2.281	0.0465726	0.416164	-2.4029	0.0124122	0.302103	-3.31013	0.0212344	0.344622	-2.90173	0.152976	0.555048	-1.80165	0.096214	0.49528	-2.01906	3.9207	9.18734	2.08293	1
cg14668821	ENPP7	0.0360146	0.0620778	0.409168	-2.44398	0.0286999	0.333621	-2.99741	0.00575226	0.21444	-4.66331	0.631555	0.81421	-1.22818	0.231819	0.58656	-1.70486	0.737406	0.866621	-1.15391	0.00717762	0.228429	-4.37772	0.24599	0.596809	-1.67558	0.026797	0.327586	-3.05264	3.82727	10.9697	2.54772	1
cg15739835	ENPP7	0.0488702	0.0190913	0.242606	-4.12191	0.0875958	0.390057	-2.56373	0.0584197	0.343818	-2.90851	0.786972	1.14481	1.14481	0.0236454	0.259511	-3.85341	0.0391271	0.303631	-3.29347	0.0160498	0.229613	-4.35516	0.220917	0.525986	-1.90119	0.0606897	0.34791	-2.87431	3.41765	13.4926	3.50925	1
cg11147155	ENSA;ENSA;ENSA;ENSA	0.0015287	0.27916	1.32295	1.32295	0.000183054	4.82234	4.82234	0.0019878	2.96291	2.96291	0.722591	1.09271	1.09271	0.740302	1.08625	1.08625	0.0073867	0.423771	-2.35976	0.0187282	2.03119	2.03119	0.00877144	2.29399	2.29399	0.810832	0.942101	-1.06146	10.4225	10.2125	0.870977	1
cg08648882	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.00491168	0.783809	0.945022	-1.05818	0.000229471	3.51897	3.51897	0.00204841	2.4433	2.4433	0.0161797	1.83105	1.83105	0.457597	1.16828	1.16828	0.054717	1.56525	1.56525	0.0716998	1.51205	1.51205	0.0260054	1.72161	1.72161	0.228084	1.29709	1.29709	7.37861	4.94049	0.595172	1
cg03084710	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.00140514	0.026454	0.315947	-3.16509	0.00689915	0.21626	-4.62407	0.00528999	0.199961	-5.00097	0.0785538	0.425062	-2.3526	0.00395515	0.183212	-5.45816	0.00735866	0.220368	-4.53787	0.00014365	0.0567783	-17.6124	0.000888697	0.113049	-8.84572	0.00264766	0.161858	-6.17825	10.6783	32.4227	2.69895	1
cg06090275	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.003422	0.235759	0.852942	-1.17241	0.702531	1.05035	1.05035	0.538532	0.923376	-1.08298	0.0179319	0.691952	-1.44519	0.0215547	0.702338	-1.42382	0.203515	0.84213	-1.18747	0.00256777	1.70786	1.70786	0.804593	1.03224	1.03224	0.000826848	1.90534	1.90534	8.22909	2.13591	0.230716	1
cg26546646	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.0126678	0.706532	0.983943	-1.01632	0.274688	0.952527	-1.04984	0.815314	1.01006	1.01006	0.00404144	0.847698	-1.17967	0.0112118	0.872853	-1.14567	0.369856	0.961356	-1.0402	0.0419558	1.10551	1.10551	0.243775	1.05358	1.05358	0.0204227	1.12702	1.12702	5.47621	0.158836	0.025782	1
cg04232674	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.015904	0.0204935	0.841006	-1.18905	0.267705	0.930897	-1.07423	0.428918	1.05136	1.05136	0.212021	0.921702	-1.08495	0.00702726	1.24127	1.24127	0.0609072	1.13998	1.13998	0.0478168	0.869065	-1.15066	0.287122	1.07095	1.07095	0.061196	1.13978	1.13978	5.08115	0.309537	0.05415	1
cg07314391	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.0211417	0.22232	0.876077	-1.14145	0.251709	1.13148	1.13148	0.396877	1.09362	1.09362	0.322056	0.899852	-1.11129	0.00469796	0.678696	-1.47341	0.600589	0.946964	-1.05601	0.00210591	0.640116	-1.56222	0.543825	1.06543	1.06543	0.191097	0.866935	-1.15349	4.61641	0.77801	0.149806	1
cg26087862	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.016375	0.021447	0.737822	-1.35534	0.00597258	0.673368	-1.48507	0.051265	0.783311	-1.27663	0.0990667	0.819575	-1.22014	0.0233581	0.742198	-1.34735	0.795357	0.971806	-1.02901	0.11799	1.20536	1.20536	0.0116584	0.706899	-1.41463	0.515064	1.07534	1.07534	5.03203	0.964911	0.170448	1
cg15965583	ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;ENSA	0.0316031	0.599308	0.931861	-1.07312	0.0183573	0.683235	-1.46362	0.0161762	0.675961	-1.47937	0.478608	1.10064	1.10064	0.363408	0.883082	-1.1324	0.530359	0.918871	-1.08829	0.599151	0.931832	-1.07315	0.00174378	0.552037	-1.81147	0.297789	0.86617	-1.15451	4.01174	1.12581	0.249448	1
cg10658197	ENTHD1	0.000404623	0.00137259	0.275704	-3.62708	0.0789651	0.581981	-1.71827	0.00756398	0.385386	-2.5948	0.0644225	0.561838	-1.77987	9.50E-05	0.145264	-6.88401	0.00108155	0.262091	-3.81547	0.000345855	0.202368	-4.9415	0.000101968	0.148116	-6.75144	0.111722	0.618354	-1.6172	15.1521	18.4806	1.08415	1
cg21517309	ENTHD1	0.00223001	0.133863	1.28161	1.28161	0.000373392	0.417516	-2.39512	0.289806	0.844836	-1.18366	0.408626	1.13849	1.13849	0.00259234	1.89762	1.89762	0.374543	1.15014	1.15014	0.015693	1.57534	1.57534	0.0865645	1.33714	1.33714	0.0229994	1.51789	1.51789	9.34018	3.48406	0.331572	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03504496	ENTHD1	0.00254434	0.0127471	1.72883	1.72883	0.124553	1.34201	1.34201	0.00248482	0.475312	-2.10388	0.436796	1.15065	1.15065	0.346223	1.1872	1.1872
cg00044729	ENTHD1	0.00377042	0.0687904	0.522776	-1.91286	0.567768	0.832017	-1.2019	0.00212892	0.252928	-3.95369	0.00481323	0.303851	-3.29108	0.0473324	0.485487	-2.05979
cg11757326	ENTHD1	0.0274295	0.0944176	0.564652	-1.771	0.0962826	0.566818	-1.76424	0.00173732	0.249474	-4.00843	0.468403	1.25777	1.25777	0.242046	0.68342	-1.46323
cg10145545	ENTPD1	4.15E-05	0.0101525	0.689397	-1.45054	0.0132354	1.42224	1.42224	0.144153	1.1972	1.1972	0.50538	1.08061	1.08061	7.78E-07	0.218091	-4.58525
cg16300094	ENTPD1	0.0021751	0.0177416	0.513922	-1.94582	0.0180088	1.94156	1.94156	0.259231	0.762045	-1.31226	0.0751394	0.632847	-1.58016	7.42E-05	0.189746	-5.27021
cg04823492	ENTPD1	0.00916701	0.183538	1.24748	1.24748	0.00812076	0.587965	-1.70078	0.0106778	0.60474	-1.6536	0.513486	1.10943	1.10943	0.696436	1.06337	1.06337
cg15761364	ENTPD1;ENTPD1;ENTPD1	0.000866976	0.3153	0.75703	-1.32095	0.00389183	0.352717	-2.83514	0.00435226	0.360113	-2.7769	0.757287	1.08665	1.08665	2.36E-05	0.104083	-9.60776
cg09731306	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	5.93E-05	0.55127	0.89546	-1.11674	0.000718834	0.389519	-2.56727	0.00188465	0.446188	-2.24121	0.0121644	0.564189	-1.77245	1.18E-06	0.0998325	-10.0168
cg04451770	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	6.37E-05	0.00150423	2.38819	2.38819	0.000376466	2.95027	2.95027	0.129168	1.36626	1.36626	0.778924	1.05503	1.05503	0.000166021	0.294905	-3.39093
cg12497543	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	0.00018692	0.00207641	2.65566	2.65566	0.00339809	2.4527	2.4527	0.112073	1.47673	1.47673	0.0406429	1.70331	1.70331	0.000155575	0.232423	-4.30251
cg10381771	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	0.000434678	0.00594709	1.99439	1.99439	0.000705004	2.69379	2.69379	0.143387	1.35228	1.35228	0.308858	1.22401	1.22401	0.774596	0.946385	-1.05665
cg17169221	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	0.0119056	0.100389	0.790305	-1.26533	0.0297666	0.715756	-1.39712	0.0208524	0.695158	-1.43852	0.945867	1.00892	1.00892	0.00841859	0.644041	-1.5527
cg14755760	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	0.0231101	0.0151869	1.85928	1.85928	0.222398	0.76593	-1.3056	0.00947433	0.504767	-1.98111	0.356457	1.21804	1.21804	0.0641991	0.648886	-1.5411
cg13471990	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	0.0313802	0.131359	1.58491	1.58491	0.00480149	2.8808	2.8808	0.93354	0.976695	-1.02386	0.679893	1.12446	1.12446	0.900638	0.965301	-1.03595
cg04823796	ENTPD2;ENTPD2	0.00116126	0.424776	0.839086	-1.19177	0.018944	1.84343	1.84343	0.0625483	1.57007	1.57007	0.0139957	1.92159	1.92159	0.00176872	0.383497	-2.60758
cg25483003	ENTPD2;ENTPD2	0.00193619	0.0681864	2.45767	2.45767	0.0140372	3.80127	3.80127	0.0791507	2.35901	2.35901	0.0745004	2.39863	2.39863	0.241684	0.582985	-1.71531
cg17018517	ENTPD2;ENTPD2	0.0144434	0.0404838	3.1271	3.1271	0.0124242	4.4777	4.4777	0.0414947	3.10409	3.10409	0.0950881	2.41991	2.41991	0.109975	2.31509	2.31509
cg13247581	ENTPD2;ENTPD2	0.0222052	0.0479822	53.3083	53.3083	0.192205	11.3347	11.3347	0.377674	4.91392	4.91392	0.0672412	36.8636	36.8636	0.0830509	29.234	29.234
cg13981310	ENTPD2;ENTPD2	0.0323976	0.925028	0.955303	-1.04679	0.0277961	3.53726	3.53726	0.0598543	2.80539	2.80539	0.445511	1.4591	1.4591	0.00365862	0.14817	-6.74899
cg00656387	ENTPD3	0.00585082	0.068303	0.360676	-2.77257	0.00887252	5.2802	5.2802	0.011853	4.80471	4.80471	0.651445	0.796757	-1.25509	0.0154081	0.226422	-4.41654
cg21923201	ENTPD3	0.00989303	0.0424624	0.561049	-1.78237	0.810617	1.06118	1.06118	0.00979498	2.24292	2.24292	0.534183	0.855794	-1.16851	0.0174203	0.488679	-2.04633
cg17200465	ENTPD3	0.025288	0.153573	0.482635	-2.07196	0.0193149	3.95902	3.95902	0.021831	3.8063	3.8063	0.0611959	2.75671	2.75671	0.0196093	3.93977	3.93977
cg17264618	ENTPD3	0.0487098	0.064077	0.361925	-2.76301	0.0255573	3.65372	3.65372	0.036322	3.28241	3.28241	0.254337	1.78839	1.78839	0.167325	0.487286	-2.05218
cg09962974	ENTPD4;ENTPD4	0.000411746	0.761167	1.06506	1.06506	0.989377	0.997251	-1.00276	0.16026	0.733301	-1.3637	0.991057	1.00232	1.00232	5.87E-05	0.214667	-4.65838
cg10606797	ENTPD4;ENTPD4	0.00906732	0.196312	0.504627	-1.98166	?	?	?	0.27506	0.569928	-1.75461	0.00623414	0.125166	-7.98936	0.953117	0.972039	-1.02877
cg26837477	ENTPD4;ENTPD4	0.0123706	0.0207829	0.189814	-5.26831	0.95369	1.03528	1.03528	0.0702309	0.298687	-3.34799	0.626437	0.746112	-1.34028	0.00316801	0.0900824	-11.1009
cg25329685	ENTPD4;ENTPD4	0.0249471	0.0444233	0.278911	-3.58537	0.00877993	0.157868	-6.3344	0.151205	0.427108	-2.34133	0.705638	0.810672	-1.23354	0.0304009	0.244778	-4.08533
cg04712321	ENTPD4;ENTPD4	0.0301335	0.215435	0.666174	-1.50111	0.447265	0.785592	-1.27292	0.41295	0.770458	-1.29793	0.373255	1.32945	1.32945	0.0597818	0.515954	-1.93816
cg21074015	ENTPD4;ENTPD4	0.0431948	0.0358197	0.316762	-3.15694	0.122248	0.454584	-2.19981	0.16111	0.494345	-2.02288	0.641806	1.24672	1.24672	0.0456153	0.339974	-2.9414
cg07051178	ENTPD5	9.56E-05	0.953547	1.0124	1.0124	0.00109107	0.360899	-2.77086	0.152435	0.723109	-1.38292	0.674813	0.914619	-1.09335	1.97E-06	0.083085	-12.0359
cg15451585	ENTPD5	0.00228372	0.324677	1.37566	1.37566	0.000121786	0.121986	-8.19768	0.00497492	0.311641	-3.20882	0.254013	0.688309	-1.45283	0.00364618	0.291359	-3.43219
cg19580263	ENTPD5	0.00259655	0.0570561	0.746635	-1.33934	0.633093	0.936819	-1.06744	0.0151503	0.667033	-1.49918	0.363264	0.880913	-1.13519	0.0110418	0.64884	-1.54121
cg05399544	ENTPD5	0.0117905	0.135137	0.717945	-1.39286	0.00665614	0.484597	-2.06357	0.939308	0.984456	-1.01579	0.164081	0.736777	-1.35726	0.204506	0.759223	-1.31714
cg11191049	ENTPD5;C14orf45	0.0248065	0.847414	0.95968	-1.04201	0.126475	1.42358	1.42358	0.3214	1.24466	1.24466	0.180879	0.738219	-1.35461	0.968469	0.991591	-1.00848
cg11053489	ENTPD5;C14orf45	0.0296336	0.0805938	0.306656	-3.26098	0.0457114	0.247272	-4.04413	0.0832326	0.310452	-3.22111	0.0997118	0.332714	-3.00558	0.0131887	0.153466	-6.51609
cg02575159	ENTPD6;ENTPD6	0.0285132	0.563184	0.619551	-1.61407	0.690525	1.38792	1.38792	0.408586	1.99838	1.99838	0.0264179	0.115771	-8.63776	0.949588	1.05315	1.05315
cg04974899	ENTPD6;ENTPD6	0.0359906	0.0899265	0.789098	-1.26727	0.0020847	1.73143	1.73143	0.618551	1.06567	1.06567	0.0639707	0.768107	-1.3019	0.96694	0.994762	-1.00527
cg06676579	ENTPD6;ENTPD6	0.0433302	0.114433	1.21075	1.21075	0.092015	1.22948	1.22948	0.00567615	1.49802	1.49802	0.379442	0.904448	-1.10565	0.0865384	0.80987	-1.23477
cg26846848	ENTPD6;ENTPD6;ENTPD6;ENTPD6	0.0288376	0.432951	0.848289	-1.17884	0.613319	0.900527	-1.11046	0.177277	1.34291	1.34291	0.855231	1.03827	1.03827	0.308802	0.805273	-1.24182
cg11736228	ENTPD7	4.33E-05	3.73E-05	0.323956	-3.08684	0.000112501	0.380952	-2.625	0.00222479	0.543703	-1.83924	0.637303	1.06987	1.06987	0.000119843	0.384282	-2.60225
cg14408590	ENTPD7	0.00147091	0.060815	0.659692	-1.51586	0.820588	1.04573	1.04573	0.0460589	1.56825	1.56825	0.000117185	0.265041	-3.773	0.0220615	0.582523	-1.71667
cg16655310	ENTPD7	0.00200063	0.00153729	0.470816	-2.12397	0.430581	1.13383	1.13383	0.000657672	2.39247	2.39247	0.567234	0.913796	-1.09434	0.143508	0.780851	-1.28065
cg13859771	ENTPD7	0.00746229	0.00901332	0.161697	-6.18439	0.16232	0.441015	-2.2675	0.622557	0.761651	-1.31294	0.14047	0.418873	-2.38736	0.0729658	0.333693	-2.99677
cg10539861	ENTPD7	0.0125419	0.0431608	0.523033	-1.91192	0.461468	0.811508	-1.23227	0.981379	0.993519	-1.00652	0.0623911	1.79382	1.79382	0.0627461	1.79205	1.79205
cg26114100	ENTPD7	0.0444966	0.0520169	0.663682	-1.50675	0.180259	0.768055	-1.30199	0.472569	0.873282	-1.1451	0.495753	0.879613	-1.13686	0.350886	0.836889	-1.1949
cg13573611	ENTPD8;ENTPD8	0.000724702	0.0824044	1.41139	1.41139	0.00113249	2.35805	2.35805	0.013797	0.579765	-1.72484	0.00283055	2.08824	2.08824	0.000745047	0.399811	-2.50118
cg14046640	ENTPD8;ENTPD8	0.00169131	0.000445585	0.250169	-3.99729	0.00605583	0.408037	-2.45076	0.0344152	0.539588	-1.85327	0.0073162	0.421159	-2.3744	0.000576688	0.263954	-3.78854
cg13521941	ENTPD8;ENTPD8	0.00659521	0.00697489	0.166321	-6.01246	0.0721275	0.356402	-2.80582	0.501625	0.704308	-1.41983	0.0202404	0.237142	-4.21688	0.0102837	0.189716	-5.27102
cg08011941	ENTPD8;ENTPD8	0.00887129	0.537228	0.816479	-1.22477	0.0033603	0.273947	-3.65034	0.03884	0.46013	-2.1733	0.0474181	0.479017	-2.08761	0.00430865	0.28978	-3.4509
cg23606421	ENTPD8;ENTPD8	0.0152045	0.0128613	0.138084	-7.24199	0.0788583	0.286269	-3.49322	0.192993	0.413531	-2.4182	0.0300168	0.194755	-5.13464	0.0174849	0.156612	-6.38519
cg13956452	ENTPD8;ENTPD8	0.041232	0.0101304	0.259493	-3.85367	0.847614	1.0833	1.0833	0.355768	0.673645	-1.48446	0.731901	1.15376	1.15376	0.019071	0.307259	-3.25458
cg20147595	ENY2	0.0267857	0.0230463	0.270619	-3.69524	0.665108	1.23298	1.23298	0.16723	0.492615	-2.02998	0.430077	1.47303	1.47303	0.863945	0.920834	-1.08597
cg13406423	ENY2;ENY2;NUDCD1	0.049185	0.0373433	4.52549	4.52549	0.687443	0.781132	-1.28019	0.403358	1.68823	1.68823	0.172453	2.44668	2.44668	0.0174012	0.161451	-6.19383
cg25407888	ENY2;NUDCD1	8.60E-06	8.68E-07	0.348704	-2.86777	2.21E-05	1.98518	1.98518	0.004906	1.34996	1.34996	0.000310618	0.624393	-1.60156	0.582054	1.04576	1.04576
cg20235075	EOMES	1.85E-06	0.000120696	0.294575	-3.39472	0.047269	0.661671	-1.51132	0.000174848	0.313961	-3.18511	0.294144	0.820395	-1.21893	4.79E-05	0.248374	-4.02618
cg12858460	EOMES	1.01E-05	0.0181508	0.691709	-1.44569	0.00625805	1.58049	1.58049	0.115184	0.802467	-1.24616	0.116664	0.803305	-1.24486	0.859888	1.02296	1.02296
cg15308664	EOMES	1.29E-05	0.600653	0.933876	-1.07081	0.00588124	1.59498	1.59498	0.891525	1.01783	1.01783	0.933879	1.01081	1.01081	0.0748143	0.773349	-1.29308
cg26322816	EOMES	2.32E-05	0.000453777	0.274739	-3.63982	0.000618131	0.291683	-3.42838	2.94E-05	0.147335	-6.78724	0.00010988	0.203538	-4.91308	5.10E-06	0.0884181	-11.3099
cg20739013	EOMES	7.99E-05	0.000401289	0.232095	-4.30858	0.0002855	0.215008	-4.651	0.000283034	0.214582	-4.66023	0.000262739	0.210947	-4.74053	9.38E-06	0.0836527	-11.9542
cg14557534	EOMES	0.000177353	0.98666	0.995728	-1.00429	0.0194901	2.06083	2.06083	0.970939	1.00937	1.00937	0.657808	0.892117	-1.12093	0.288529	1.32599	1.32599
cg06748434	EOMES	0.000424234	0.0946354	0.478259	-2.09092	0.768554	1.12578	1.12578	0.0174855	0.313064	-3.19424	0.00903227	0.26381	-3.79061	0.000154682	0.0740895	-13.4972
cg09665320	EOMES	0.00140935	0.6581	1.16384	1.16384	0.0552402	2.09668	2.09668	0.331701	1.40661	1.40661	0.192152	0.624795	-1.60052	0.00118783	5.04945	5.04945
cg24434959	EOMES	0.0160748	0.0289443	4.30243	4.30243	0.187352	2.20738	2.20738	0.0486542	3.58251	3.58251	0.271712	0.522919	-1.91234	0.15759	2.35435	2.35435
cg01714811	EOMES	0.0194969	0.653665	0.761249	-1.31363	0.0157546	0.167425	-5.97284	0.972906	0.979695	-1.02073	0.329943	1.8354	1.8354	0.0197197	5.47997	5.47997
cg13830203	EOMES	0.0255192	0.0351809	4.35617	4.35617	0.393443	0.591954	-1.68932	0.0431287	4.03757	4.03757	0.810048	0.865513	-1.15538	0.802863	1.16187	1.16187
cg06014401	EOMES	0.0433522	0.839038	1.24947	1.24947	0.150618	0.18507	-5.40335	0.888226	0.857274	-1.16649	0.695568	1.53825	1.53825	0.735976	0.690322	-1.4486
cg02694810	EOMES	0.0463089	0.963564	1.03231	1.03231	0.161235	0.352917	-2.83353	0.390406	0.541929	-1.84526	0.334201	2.00033	2.00033	0.916572	0.929657	-1.07567
cg15270892	EOMES	0.0484309	0.798692	1.16108	1.16108	0.606699	1.35453	1.35453	0.128755	2.61011	2.61011	0.126754	0.380885	-2.62546	0.851655	0.896369	-1.11561
cg03427564	EP300	0.0152878	0.0524252	0.792498	-1.26183	0.215871	1.14721	1.14721	0.733168	0.964562	-1.03674	0.0208173	0.745766	-1.3409	0.330644	0.899566	-1.11165
cg09331127	EP300;MIR1281	0.00419534	0.126108	1.32775	1.32775	0.928457	0.984735	-1.0155	0.348418	0.847591	-1.17981	0.430092	1.14793	1.14793	0.202053	1.25952	1.25952
cg24349919	EP300;MIR1281	0.028042	0.0512896	0.765374	-1.30655	0.0210988	0.715924	-1.3968	0.251394	0.865558	-1.15532	0.0360759	0.745478	-1.34142	0.00116147	0.562839	-1.77671
cg03547366	EP400	4.86E-05	0.0583071	0.790599	-1.26486	0.0916546	0.815499	-1.22624	0.00706118	1.46574	1.46574	0.0359803	1.30722	1.30722	1.10E-06	0.248196	-4.02907
cg25468879	EP400	0.000461017	0.0707909	0.727417	-1.37473	0.0047418	0.553611	-1.80632	0.000259892	0.387881	-2.57811	3.15E-05	0.278315	-3.59306	0.104919	0.756282	-1.32226
cg10816846	EP400	0.000673193	0.548325	1.09948	1.09948	0.229536	0.821304	-1.21758	0.961113	1.00764	1.00764	0.337014	1.16714	1.16714	0.0298638	0.670965	-1.49039
cg14143331	EP400	0.000795491	0.0531602	1.63568	1.63568	0.187713	0.731482	-1.36709	0.207906	1.34634	1.34634	0.0663684	0.630551	-1.58591	0.00118549	0.344771	-2.90048
cg07983453	EP400	0.000825485	0.147343	1.17623	1.17623	4.04E-05	0.441184	-2.26663	0.000777225	0.588107	-1.70037	0.562698	1.063	1.063	0.0296733	1.30632	1.30632
cg06275125	EP400	0.00131066	0.150088	0.782487	-1.27798	0.795126	1.04224	1.04224	0.0461576	1.43795	1.43795	0.314392	0.847556	-1.17986	0.00813702	0.583594	-1.71352
cg25708790	EP400	0.00164371	0.118285	1.78678	1.78678	0.000162993	9.03977	9.03977	0.0178156	2.6802	2.6802	0.156118	1.68082	1.68082	0.00887438	0.319871	-3.12626
cg02808699	EP400	0.00166865	0.00494661	0.309188	-3.23428	0.0898712	0.55454	-1.8033	0.196227	0.64987	-1.53877	0.381586	1.32713	1.32713	0.00348879	0.286505	-3.49033
cg19784205	EP400	0.00219794	0.285957	0.868545	-1.15135	0.159576	0.82601	-1.21064	0.000604631	1.95914	1.95914	0.173673	0.831858	-1.20213	0.00127234	0.550014	-1.81813
cg11228165	EP400	0.00277968	0.0158852	2.63529	2.63529	0.536955	1.22766	1.22766	0.110606	1.76893	1.76893	0.865996	1.05697	1.05697	0.00263039	0.255125	-3.91965
cg21075590	EP400	0.00325594	0.149306	0.722283	-1.3845	7.83E-05	0.222406	-4.49629	0.0258564	0.573109	-1.74487	0.232355	0.768339	-1.30151	0.00603688	0.47016	-2.12693
cg03215714	EP400	0.00362575	0.066726	1.59809	1.59809	0.870344	0.963433	-1.03796	0.114892	0.676399	-1.47842	0.00122015	2.94248	2.94248	0.0014802	0.351406	-2.84571
cg23389183	EP400	0.00948007	0.230385	0.538604	-1.85665	0.924984	0.954743	-1.0474	0.820455	1.11828	1.11828	0.90363	1.06137	1.06137	0.000963834	0.0891892	-11.2121
cg08299299	EP400	0.010047	0.603098	1.09813	1.09813	0.242612	0.803946	-1.24386	0.323628	0.833667	-1.19952	0.0139447	0.581609	-1.71937	0.000374932	0.3624	-2.75938
cg02602268	EP400	0.0106159	0.315147	0.704216	-1.42002	0.055889	0.481308	-2.07767	0.534422	0.80862	-1.23667	0.187926	0.624319	-1.60175	0.000351127	0.143802	-6.95402
cg24274347	EP400	0.0119868	0.0188179	3.69108	3.69108	0.000894102	9.8004	9.8004	0.136296	2.08875	2.08875	0.00633169	5.10995	5.10995	0.0486555	2.81057	2.81057
cg14622549	EP400	0.0144556	0.265104	1.91508	1.91508	0.00823515	6.62467	6.62467	0.0332496	4.0241	4.0241	0.604717	0.746663	-1.33929	0.248203	1.96472	1.96472
cg21812369	EP400	0.0146214	0.33836	0.845353	-1.18294	0.775073	1.04998	1.04998	0.799507	0.957602	-1.04428	0.515392	1.11882	1.11882	0.000324253	0.371746	-2.69001
cg21385432	EP400	0.0160248	0.179009	0.610172	-1.63888	0.210459	0.633393	-1.5788	0.104426	0.541049	-1.84826	0.264301	0.668549	-1.49578	0.0084686	0.31249	-3.2001
cg17227941	EP400	0.0163445	0.0521343	0.661704	-1.51125	0.00219784	0.448185	-2.23122	0.0524472	0.662164	-1.5102	0.183594	1.30176	1.30176	0.131575	0.737658	-1.35564
cg18478905	EP400	0.0168607	0.935156	0.986685	-1.01349	0.0261216	0.647403	-1.54463	0.261975	1.2125	1.2125	0.495536	0.89226	-1.12075	0.105957	0.747607	-1.3376
cg17630044	EP400	0.017371	0.0165956	0.540693	-1.84948	0.889671	1.0296	1.0296	0.138563	0.715249	-1.39811	0.0262746	0.574673	-1.74012	0.0712102	0.654728	-1.52735
cg15235987	EP400	0.0174847	0.0430439	0.455317	-2.19627	0.563539	1.21816	1.21816	0.878133	0.949466	-1.05322	0.0663994	0.498702	-2.00521	0.00656597	0.30329	-3.29717
cg23705060	EP400	0.0184569	0.0453588	0.310364	-3.22202	0.963866	1.02336	1.02336	0.11818	2.37419	2.37419	0.328061	1.67288	1.67288	0.00744248	0.172604	-5.79361
cg05210398	EP400	0.0186778	0.129445	1.33202	1.33202	0.913398	1.01922	1.01922	0.549989	1.11165	1.11165	0.257847	0.813321	-1.22953	0.0157595	1.67827	1.67827
cg21703988	EP400	0.0187115	0.08571	0.558458	-1.79064	0.17375	1.55877	1.55877	0.909486	0.965718	-1.0355	0.0595987	0.520952	-1.91956	0.00153376	0.246986	-4.04882
cg11746362	EP400	0.0225021	0.697098	1.15413	1.15413	0.0434315	2.34223	2.34223	0.682433	1.16271	1.16271	0.542997	1.25312	1.25312	0.00344357	0.233209	-4.288
cg25888621	EP400	0.0226918	0.735427	0.957357	-1.04454	0.0733368	0.773697	-1.2925	0.0238656	1.41399	1.41399	0.820201	1.02968	1.02968	0.056875	0.758126	-1.31904
cg27220070	EP400	0.0286713	0.0619821	0.177431	-5.63601	0.263882	0.383565	-2.60712	0.0791544	0.201144	-4.97157	0.876149	0.879566	-1.13692	0.01515	0.085856	-11.6474
cg02149193	EP400	0.0293384	0.949867	1.02474	1.02474	0.302875	0.660435	-1.51415	0.726978	0.872618	-1.14598	0.00416905	0.22481	-4.4482	0.825761	0.917866	-1.08948
cg01689616	EP400	0.033845	0.42462	0.853386	-1.1718	0.00321574	0.457585	-2.18539	0.173541	0.754619	-1.32517	0.0924702	0.697658	-1.43337	0.0111171	0.538522	-1.85693
cg09782746	EP400	0.0360666	0.354976	1.14092	1.14092	0.349791	1.14265	1.14265	0.824168	1.03131	1.03131	0.669951	0.942328	-1.0612	0.168987	0.816244	-1.22512
cg11038646	EP400	0.0366482	0.900921	0.961352	-1.0402	0.896543	1.04203	1.04203	0.198488	0.650487	-1.53731	0.00131282	0.227652	-4.39267	0.805404	0.924862	-1.08124
cg23793263	EP400	0.0367866	0.326596	0.801021	-1.24841	0.794677	0.944468	-1.0588	0.00900283	2.06993	2.06993	0.337926	1.24161	1.24161	0.0316204	0.575774	-1.73679
cg07359518	EP400	0.0378672	0.00790149	0.114643	-8.72276	0.033306	0.205682	-4.86187	0.0318077	0.201965	-4.95136	0.0571208	0.254536	-3.92872	0.107071	0.326824	-3.05975
cg03636488	EP400	0.0395127	0.601062	1.16328	1.16328	0.00885912	2.59893	2.59893	0.92961	0.974989	-1.02565	0.188801	0.670897	-1.49054	0.0674583	1.79928	1.79928
cg08578186	EP400	0.0412367	0.48839	0.912052	-1.09643	0.921881	0.987254	-1.01291	0.0420004	1.35862	1.35862	0.014423	0.674117	-1.48342	0.772627	1.03862	1.03862
cg19172447	EP400	0.0464084	0.250437	0.768695	-1.30091	0.173968	1.37276	1.37276	0.396996	0.826977	-1.20922	0.0128454	0.508246	-1.96755	0.12128	0.692131	-1.44481
cg20474144	EP400	0.0466487	0.488122	1.13799	1.13799	0.120542	1.36208	1.36208	0.48922	0.879041	-1.1376	0.0878306	1.41304	1.41304	0.272635	0.810958	-1.23311
cg01515559	EP400	0.048108	0.115567	0.801386	-1.24784	0.31065	1.14542	1.14542	0.803349	0.968223	-1.03282	0.371093	0.887924	-1.12622	0.0160606	0.682922	-1.4643
cg01915525	EP400NL	0.00170864	0.738243	1.06747	1.06747	0.132698	1.37142	1.37142	0.461674	0.864255	-1.15707	0.492834	0.873193	-1.14522	7.41E-05	0.246126	-4.06296
cg00687812	EP400NL	0.00184291	0.307264	0.901407	-1.10938	0.205339	0.87702	-1.14023	0.172687	0.867165	-1.15318	0.169951	0.866272	-1.15437	0.0837697	0.828664	-1.20676
cg08165875	EP400NL	0.00413325	0.0484632	0.547877	-1.82523	0.000953624	0.200207	-4.99483	0.97602	0.992705	-1.00735	0.00426565	3.15308	3.15308	0.0349788	0.514163	-1.94491
cg08111133	EP400NL	0.00679443	0.124195	0.627584	-1.59341	0.749049	1.09397	1.09397	0.137211	0.638914	-1.56516	0.10652	0.610667	-1.63755	0.000195548	0.173242	-5.77227
cg02963556	EP400NL	0.00864291	0.3505	0.904422	-1.10568	0.32888	0.900011	-1.1111	0.541981	1.06666	1.06666	0.332381	0.900739	-1.1102	0.691634	0.959179	-1.04256
cg00793990	EP400NL	0.0138455	0.538527	0.890548	-1.1229	0.621119	0.911428	-1.09718	0.00107544	0.406964	-2.45722	0.140696	0.744547	-1.3431	0.00829784	0.533561	-1.8742
cg05134918	EP400NL	0.0157783	0.114964	0.564315	-1.77206	0.00822715	3.0906	3.0906	0.101537	1.81923	1.81923	0.540816	1.22958	1.22958	0.0505778	0.475356	-2.10369
cg06601494	EP400NL	0.0186226	0.0453676	0.562183	-1.77878	0.0187841	0.48952	-2.04282	0.0459852	0.563368	-1.77504	0.00408952	0.380342	-2.62921	0.0594616	0.586388	-1.70535
cg23462338	EP400NL	0.0318452	0.0034382	4.94362	4.94362	0.633039	1.21343	1.21343	0.386225	1.42935	1.42935	0.614589	1.22653	1.22653	0.82371	1.09388	1.09388
cg13542857	EP400NL	0.032399	0.0692829	0.548436	-1.82337	0.630117	1.15421	1.15421	0.558817	0.839677	-1.19093	0.312279	0.734218	-1.36199	0.00380354	0.315477	-3.16981
cg02497584	EP400NL	0.0329763	0.119396	0.766729	-1.30424	0.113678	1.31066	1.31066	0.125097	0.770326	-1.29815	0.278983	1.19354	1.19354	0.0720431	0.729346	-1.37109
cg25928971	EP400NL	0.0499269	0.0642485	0.535975	-1.86576	0.670504	1.13697	1.13697	0.0594855	0.528329	-1.89276	0.649679	0.871833	-1.14701	0.00176485	0.262862	-3.80427
cg21494367	EPAS1	3.03E-05	7.35E-06	0.146526	-6.82471	0.0739907	0.67906	-1.47262	0.0840775	0.689689	-1.44993	0.0051365	0.487512	-2.05123	8.84E-06	0.153549	-6.51257
cg09240515	EPAS1	0.00748931	0.175817	0.71449	-1.3996	0.15667	1.42451	1.42451	0.0279663	0.545274	-1.83394	0.0988889	1.52592	1.52592	0.00256123	0.376465	-2.65629
cg05049980	EPAS1	0.00824508	0.156656	1.3779	1.3779	0.00493048	0.454757	-2.19898	0.0498846	0.622995	-1.60515	0.106336	1.45229	1.45229	0.102237	1.45994	1.45994
cg12485219	EPAS1	0.00937331	0.824761	0.955348	-1.04674	0.0233481	0.572259	-1.74746	0.00833093	0.499288	-2.00285	0.000655477	0.34108	-2.93186	0.464157	0.85773	-1.16587
cg05943554	EPAS1	0.0340872	0.183881	1.24561	1.24561	0.164605	0.79375	-1.25984	0.253685	0.830519	-1.20407	0.0268795	1.5044	1.5044	0.00409445	0.548759	-1.82229
cg22488486	EPAS1	0.040039	0.0846741	1.46476	1.46476	0.209977	1.3027	1.3027	0.00995906	0.521272	-1.91838	0.473762	0.864304	-1.157	0.37188	0.832345	-1.20143
cg26627511	EPAS1	0.0419122	0.550246	1.08157	1.08157	0.364049	0.886026	-1.12864	0.551684	0.924849	-1.08126	0.0118119	0.665066	-1.50361	0.39725	0.893638	-1.11902
cg06388946	EPAS1;EPAS1	0.0159055	0.203325	0.859486	-1.16349	0.00275805	1.59313	1.59313	0.0249438	1.35106	1.35106	0.140829	0.836419	-1.19557	0.729713	0.961643	-1.03989
cg01780482	EPAS1;EPAS1	0.0345723	0.357049	0.8273	-1.20875	0.325519	1.22531	1.22531	0.687485	1.08431	1.08431	0.0769533	0.674589	-1.48238	0.00682645	0.495893	-2.01657
cg22115596	EPB41;EPB41;EPB41;EPB41;EPB41	0.000420376	0.0088887	0.690718	-1.44777	0.285414	1.13124	1.13124	0.000640338	0.558507	-1.79049	0.142043	0.839091	-1.19177	0.248892	1.14333	1.14333
cg09261561	EPB41;EPB41;EPB41;EPB41;EPB41	0.00425751	0.237818	0.746176	-1.34017	0.290012	1.29697	1.29697	0.00319547	0.385538	-2.59378	0.537399	0.862544	-1.15936	0.000640126	0.289082	-3.45923
cg21870545	EPB41;EPB41;EPB41;EPB41;EPB41	0.00529799	0.338518	1.45148	1.45148	0.273784	1.53739	1.53739	0.0826297	2.06668	2.06668	0.848479	0.930312	-1.07491	0.0152994	0.324819	-3.07863

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03504496	0.279384	1.22011	1.22011	0.000177184	3.07781	3.07781	0.224366	1.2533	1.2533	0.155806	1.30817	1.30817	8.98541	4.4532	0.440537	1
cg00044729	0.0263132	0.432119	-2.31418	0.012233	0.370102	-2.70196	0.000222558	0.14122	-7.08114	0.06039	0.509455	-1.96288	7.99342	12.8386	1.42768	1
cg11757326	0.0213659	0.423265	-2.36258	0.502208	1.23579	1.23579	0.0666392	0.527658	-1.89517	0.145151	0.614858	-1.62639	4.21823	6.45622	1.36049	1
cg10145545	0.227992	0.864883	-1.15623	0.250557	1.14766	1.14766	0.0789735	1.25077	1.25077	0.0028751	0.624782	-1.60056	27.9585	5.82702	0.185259	1
cg16300094	0.259416	0.762133	-1.31211	0.0125381	0.488232	-2.04821	0.663376	0.903831	-1.1064	0.278069	0.770733	-1.29747	9.40856	7.94305	0.750432	1
cg04823492	0.0137375	1.61194	1.61194	0.00718628	1.72254	1.72254	0.493103	0.896658	-1.11525	0.693742	0.939862	-1.06399	6.07679	2.36362	0.345741	1
cg15761364	0.215739	0.705194	-1.41805	0.00294956	0.334771	-2.98712	0.0242536	0.486733	-2.05451	0.0149657	0.448425	-2.23003	12.2513	13.9448	1.01175	1
cg09731306	0.000664382	0.38501	-2.59734	0.283605	0.815426	-1.22635	0.551555	0.895533	-1.11665	0.000348688	0.348814	-2.86686	25.4443	13.5195	0.472297	1
cg04451770	8.58E-05	3.82835	3.82835	8.31E-05	3.85199	3.85199	0.000434114	2.88301	2.88301	0.0969372	1.4145	1.4145	24.9708	14.3268	0.509994	1
cg12497543	0.00831854	2.13823	2.13823	0.000437649	3.4969	3.4969	0.000159102	4.28219	4.28219	0.187521	1.36986	1.36986	18.711	15.0436	0.714664	1
cg10381771	0.000344915	3.02045	3.02045	3.14E-05	4.74682	4.74682	0.00145797	2.41653	2.41653	0.500726	1.14017	1.14017	14.8553	8.66642	0.518567	1
cg17169221	0.00414866	0.605041	-1.65278	0.699041	1.05211	1.05211	0.019574	0.691535	-1.44606	0.00475464	0.612512	-1.63262	5.58779	1.51293	0.240672	1
cg14755760	0.839944	0.958818	-1.04295	0.471472	1.16454	1.16454	0.0681007	0.653862	-1.52937	0.0484026	0.625633	-1.59838	4.47748	3.06674	0.608824	1
cg13471990	0.0314001	2.04154	2.04154	0.0109268	2.4674	2.4674	0.0375138	1.97859	1.97859	0.438806	0.799904	-1.25015	4.0219	5.09182	1.12535	1
cg04823796	0.00825269	2.06912	2.06912	0.00587666	2.17258	2.17258	0.00223676	2.51269	2.51269	0.00179329	2.60185	2.60185	11.2769	8.27387	0.652181	1
cg25483003	0.00490618	5.1618	5.1618	0.00018952	15.9737	15.9737	0.000628925	10.1162	10.1162	0.0251559	3.23018	3.23018	9.73336	29.8866	2.72936	1
cg17018517	0.0393639	3.15348	3.15348	0.00126637	9.64651	9.64651	0.00851093	5.04288	5.04288	0.0264659	3.55298	3.55298	5.24577	19.2886	3.26842	1
cg13247581	0.037264	70.2685	70.2685	0.00217635	1927.61	1927.61	0.00755155	422.103	422.103	0.0164645	173.247	173.247	4.53945	222.406	43.5503	1
cg13981310	0.183756	1.984	1.984	0.293205	1.69848	1.69848	0.301638	1.68186	1.68186	0.53803	1.35379	1.35379	3.97625	14.8632	3.32266	1
cg00656387	0.120855	2.31736	2.31736	0.00572537	0.163677	-6.1096	0.2467	0.54597	-1.8316	0.150488	0.463032	-2.15968	6.99326	27.6458	3.51396	1
cg21923201	0.883406	1.03696	1.03696	0.074683	1.63413	1.63413	0.203147	1.39416	1.39416	0.00411004	0.385911	-2.59127	5.93098	5.74714	0.861337	1
cg17200465	0.19598	1.91685	1.91685	0.698333	1.20186	1.20186	0.00620437	5.79856	5.79856	0.0594017	2.78213	2.78213	4.80245	16.5719	2.68389	1
cg17264618	0.874525	0.925721	-1.08024	0.0481728	0.33191	-3.01286	0.841956	0.9071	-1.10241	0.990034	1.00612	1.00612	3.42191	12.9274	3.35807	1
cg09962974	9.12E-05	0.235567	-4.24508	0.0013796	0.383189	-2.60968	0.189334	1.33309	1.33309	0.00631197	0.479284	-2.08645	15.0793	10.211	0.601915	1
cg10606797	0.000808686	0.036852	-27.1355	?	?	?	?	?	?	0.5848	0.765038	-1.30712	11.1526	25.1398	1.87847	1
cg26837477	0.0454199	0.25408	-3.93577	0.00255043	0.0821457	-12.1735	0.978559	0.984082	-1.01618	0.00869359	0.135799	-7.36382	5.51869	31.1588	5.01871	1
cg25329685	0.0834165	0.346475	-2.88621	0.00447099	0.122824	-8.14173	0.00994911	0.165189	-6.05366	0.095179	0.362718	-2.75696	4.36045	21.1279	4.30697	1
cg04712321	0.475216	0.79755	-1.25384	0.0480102	0.494518	-2.02217	0.00290832	3.57811	3.57811	0.447084	1.27305	1.27305	4.08039	6.27233	1.36639	1
cg21074015	0.0685326	0.382968	-2.61119	0.00307594	0.148462	-6.73574	0.0769631	0.396239	-2.52373	0.139581	0.473155	-2.11347	3.57982	12.562	3.11921	1
cg07051178	0.629049	0.902169	-1.10844	0.000108374	0.236231	-4.23315	0.0652585	0.645503	-1.54918	0.0248102	0.568318	-1.75958	22.4114	15.8786	0.629784	1
cg15451585	0.431123	0.777267	-1.28656	0.00478328	0.309026	-3.23597	0.031377	0.453065	-2.20719	0.104217	0.572929	-1.74542	9.27528	14.445	1.38432	1
cg19580263	0.448751	0.900543	-1.11044	0.000176985	2.36922	2.36922	0.187451	1.20874	1.20874	0.507327	1.09558	1.09558	8.93178	2.60502	0.259251	1
cg05399544	0.00270602	0.426372	-2.34537	0.0195563	1.78691	1.78691	0.992418	0.998047	-1.00196	0.031316	0.594708	-1.6815	5.60541	3.75763	0.595874	1
cg11191049	0.000807013	0.339609	-2.94456	0.115053	0.69345	-1.44207	0.566974	1.1316	1.1316	0.92384	1.02064	1.02064	4.36902	3.15823	0.64255	1
cg11053489	0.116659	0.353525	-2.82866	0.00185038	0.0674919	-14.8166	0.11435	0.350793	-2.85068	0.0430115	0.241635	-4.13847	4.10469	24.1869	5.23778	1
cg02575159	0.277132	2.52398	2.52398	0.0025037	0.0320781	-31.1739	0.0253449	0.113333	-8.82357	0.577964	1.58465	1.58465	4.16105	44.2161	9.44551	1
cg04974899	0.413754	0.899534	-1.11169	0.441756	0.905383	-1.10451	0.862311	1.02224	1.02224	0.345041	1.13116	1.13116	3.8282	0.973605	0.226066	1
cg06676579	0.233081	0.869996	-1.14943	0.252695	0.8754	-1.14234	0.712259	1.04213	1.04213	0.418665	1.09642	1.09642	3.57566	0.702574	0.174656	1
cg26846848	0.00307334	0.434607	-2.30093	0.0156008	0.543535	-1.83981	0.215339	1.30754	1.30754	0.0569226	0.64211	-1.55737	4.14445	2.77495	0.595162	1
cg11736228	0.000201954	0.412	-2.42718	5.30E-06	0.230412	-4.34004	0.0456011	0.721804	-1.38542	0.00410122	0.578297	-1.72921	27.6561	8.8594	0.284748	1
cg14408590	0.00347891	0.458163	-2.18263	0.123615	1.38856	1.38856	0.0823391	1.46052	1.46052	0.888861	1.0279	1.0279	10.5388	6.46641	0.545405	1
cg16655310	0.100427	0.752703	-1.32854	0.00601739	1.79207	1.79207	0.147844	1.2767	1.2767	?	?	?	11.7318	3.91608	0.292075	1
cg13859771	0.0657055	0.321945	-3.10613	0.000263644	0.0372597	-26.8387	0.549915	0.717507	-1.39372	0.00485228	0.128771	-7.7657	6.48424	30.9267	4.23957	1
cg10539861	0.124642	0.6293	-1.58907	0.000787385	0.243231	-4.11132	0.768039	0.920906	-1.08589	0.292851	0.737851	-1.35529	5.49406	6.75332	1.09263	1
cg26114100	0.0507099	0.66174	-1.51117	0.00115287	0.412407	-2.42479	0.215047	0.785031	-1.27384	0.117734	0.729743	-1.37035	3.54039	1.92853	0.484197	1
cg13573611	0.0195491	0.603282	-1.6576	0.200184	1.27425	1.27425	0.01046	1.78104	1.78104	0.790525	1.04884	1.04884	12.885	6.54569	0.451562	1
cg14046640	0.207329	1.39446	1.39446	0.417596	0.812903	-1.23016	0.0202438	0.496536	-2.01395	0.00304999	0.362469	-2.75885	10.1228	10.0251	0.880312	1
cg13521941	0.426233	0.658628	-1.51831	0.000349869	0.0521267	-19.184	0.00936449	0.18384	-5.4395	0.0787201	0.366549	-2.72815	6.73888	28.1972	3.71933	1
cg08011941	0.762785	1.10322	1.10322	0.00366513	0.27941	-3.57897	0.206642	0.649049	-1.54072	0.00472419	0.295796	-3.38071	6.14036	10.2421	1.48266	1
cg23606421	0.699661	0.779998	-1.28206	0.00111498	0.0460625	-21.7096	0.012788	0.137758	-7.2591	0.124484	0.344349	-2.90403	5.15754	33.5581	5.78366	1
cg13956452	0.106102	0.479982	-2.08341	0.0100021	0.258597	-3.86703	0.429924	0.715275	-1.39806	0.0380007	0.367721	-2.71946	3.64213	9.97715	2.435	1
cg20147595	0.334258	0.619464	-1.6143	0.00475757	0.16486	-6.06575	0.102954	0.424059	-2.35816	0.00520149	0.169761	-5.89063	4.25353	15.5787	3.25558	1
cg13406423	0.318976	1.88078	1.88078	0.0256385	0.18962	-5.27371	0.331756	0.541181	-1.84781	0.849999	1.1225	1.1225	3.70143	21.3713	4.49074	1
cg25407888	0.00346528	0.726548	-1.37637	0.00214977	0.70686	-1.41471	0.371756	1.07662	1.07662	0.204299	1.11387	1.11387	42.1862	4.32979	0.0912314	1
cg20235075	1.15E-06	0.100776	-9.92299	1.29E-07	0.0476861	-20.9705	0.542957	1.11855	1.11855	4.76E-06	0.148897	-6.71605	62.6731	32.8563	0.465999	1
cg12858460	0.106161	1.25447	1.25447	0.208475	1.18574	1.18574	1.07E-07	9.04513	9.04513	0.0659262	1.30355	1.30355	40.4827	10.5841	0.232398	1
cg15308664	0.0809855	1.28481	1.28481	0.537645	0.922343	-1.0842	1.19E-07	8.92759	8.92759	0.00900346	1.53747	1.53747	37.9879	10.0935	0.236181	1
cg26322816	7.72E-05	0.187518	-5.33283	0.00014966	0.218119	-4.58465	0.0036824	0.399378	-2.50389	1.80E-05	0.129112	-7.74524	32.5867	28.2117	0.769549	1
cg20739013	8.08E-05	0.157932	-6.33182	0.00837308	0.417281	-2.39647	0.103948	0.630488	-1.58607	0.000871918	0.273733	-3.65319	23.5098	25.063	0.947614	1
cg14557534	0.326823	0.771644	-1.29593	0.0168689	0.473989	-2.10975	2.33E-06	19.0207	19.0207	0.210733	1.40174	1.40174	18.9789	19.7123	0.923239	1
cg06748434	0.00140626	0.156176	-6.40303	4.48E-05	0.0449306	-22.2565	0.592945	1.24191	1.24191	0.00205306	0.174855	-5.71903	14.9555	38.1836	2.26947	1
cg09665320	0.00693039	3.28844	3.28844	0.62198	0.844247	-1.18449	5.59E-05	12.8364	12.8364	0.176876	1.63074	1.63074	10.6691	19.6117	1.63393	1
cg24434959	0.999396	1.00043	1.00043	0.0883951	2.90159	2.90159	0.000550751	20.8989	20.8989	0.214746	2.09601	2.09601	5.06313	25.7466	4.5201	1
cg01714811	0.0115601	6.73576	6.73576	0.184163	0.427017	-2.34183	0.0213063	5.3206	5.3206	0.756698	1.20649	1.20649	4.74541	27.4206	5.1363	1
cg13830203	0.404475	1.66801	1.66801	0.683676	1.27853	1.27853	0.000774028	21.1564	21.1564	0.474727	1.54653	1.54653	4.32616	24.6493	5.06466	1
cg06014401	0.835258	1.25613	1.25613	0.00413131	67.4494	67.4494	0.00765254	42.698	42.698	0.531467	2.00195	2.00195	3.57498	67.896	16.8818	1
cg02694810	0.370537	0.527245	-1.89665	0.0141293	8.23301	8.23301	0.00525255	12.9666	12.9666	0.604131	1.43921	1.43921	3.48781	26.7664	6.82159	1
cg15270892	0.296686	0.531365	-1.88194	0.152016	2.45173	2.45173	0.0041543	9.44239	9.44239	0.134421	0.389364	-2.56829	3.42936	18.5488	4.80785	1
cg03427564	0.501374	1.0746	1.0746	0.836946	0.978506	-1.02197	0.0180288	1.35383	1.35383	0.00378552	1.50969	1.50969	5.14821	0.906499	0.156516	1
cg09331127	0.487721	0.886243	-1.12836	0.000120491	0.316326	-3.16129	0.0470592	1.47594	1.47594	0.182949	1.27387	1.27387	7.7403	3.59683	0.413057	1
cg24349919	0.0428169	0.755104	-1.32432	0.17861	0.841829	-1.18789	0.37021	0.895054	-1.11725	0.293599	0.876987	-1.14027	4.18557	0.962341	0.204372	1
cg03547366	0.00794382	0.68814	-1.45319	0.00179347	0.613929	-1.62885	0.153584	1.18269	1.18269	0.114134	0.828007	-1.20772	26.8219	5.123	0.169778	1
cg25468879	0.924291	1.0151	1.0151	0.743837	0.949622	-1.05305	0.281422	0.83822	-1.193	0.000371748	0.407474	-2.45414	14.6156	5.75242	0.349849	1
cg10816846	0.000460697	0.422819	-2.36508	3.09E-05	0.280839	-3.56076	0.643528	1.07548	1.07548	0.0046684	0.555807	-1.79919	13.154	5.07906	0.34322	1
cg14143331	0.113693	0.680134	-1.4703	0.290251	0.782059	-1.27868	0.00017251	4.17415	4.17415	0.00349233	2.42916	2.42916	12.552	9.9719	0.706173	1
cg07983453	0.521366	0.934398	-1.07021	0.0533949	0.795273	-1.25743	0.344976	0.903442	-1.10688	0.240429	0.879583	-1.1369	12.4219	2.14406	0.153425	1
cg06275125	0.662904	1.07222	1.07222	0.000100113	0.333899	-2.99491	0.891135	0.978465	-1.02201	0.000612096	0.432122	-2.31416	10.8936	4.36044	0.355801	1
cg25708790	0.228738	1.54083	1.54083	0.00745548	3.25194	3.25194	0.00390457	3.77962	3.77962	0.0373324	2.2866	2.2866	10.2067	18.9351	1.64903	1
cg02808699	0.00105274	0.216886	-4.61071	0.000177221	0.134767	-7.42023	0.102152	0.56883	-1.75799	0.00437302	0.30105	-3.32171	10.1623	16.0081	1.40021	1
cg19784205	0.0200088	0.699769	-1.42904	0.0600828	0.763576	-1.30963	0.322202	1.1389	1.1389	0.0186968	0.695961	-1.43686	9.37986	2.40286	0.227709	1
cg11228165	0.00859621	0.333039	-3.00265	0.0157732	0.378904	-2.63919	0.00331732	3.71337	3.71337	0.303682	1.41836	1.41836	8.75381	14.9221	1.51524	1
cg21075590	0.63034	1.10741	1.10741	0.0277689	0.578522	-1.72854	0.62237	0.900822	-1.1101	0.0264191	0.574738	-1.73992	8.3522	5.85605	0.623233	1
cg03215714	0.122289	0.68256	-1.46507	0.0275662	1.81163	1.81163	0.434927	1.19923	1.19923	0.391137	0.818422	-1.22186	8.08784	6.66178	0.732159	1
cg23389183	0.00308086	0.136397	-7.33153	0.012394	0.21637	-4.62171	0.861793	1.08947	1.08947	0.0232418	0.263425	-3.79614	6.01221	23.0269	3.40447	1
cg08299299	0.0227815	0.614877	-1.62634	0.292556	0.822944	-1.21515	0.58179	1.10436	1.10436	0.033788	0.642541	-1.55632	5.90177	2.97667	0.448328	1
cg02602268	0.48944	0.788946	-1.26751	0.00648761	0.302817	-3.30232	0.584012	1.20524	1.20524	0.0361851	0.439366	-2.27601	5.79846	10.4677	1.60468	1
cg24274347	0.187411	1.89863	1.89863	0.121286	2.16165	2.16165	0.00636579	5.10149	5.10149	0.282225	1.66992	1.66992	5.57549	18.5939	2.96438	1
cg14622549	0.603133	1.34104	1.34104	0.0155186	5.26329	5.26329	0.000990648	15.4521	15.4521	0.0549469	3.37925	3.37925	5.24431	25.9969	4.40637	1
cg21812369	0.0888654	1.37638	1.37638	0.228293	0.806338	-1.24017	0.746038	0.946185	-1.05688	0.171011	0.780257	-1.28163	5.22463	2.39775	0.407939	1
cg21385432	0.000356522	0.137619	-7.26641	0.42225	0.753004	-1.32801	0.135609	0.573156	-1.74473	0.143389	0.580335	-1.72314	5.06838	9.61304	1.68593	1
cg17227941	0.176867	0.764656	-1.30778	0.196458	0.774685	-1.29085	0.933767	0.984583	-1.01566	0.00376394	0.481445	-2.07708	5.03516	2.78637	0.491896	1
cg18478905	0.849796	0.969252	-1.03172	0.000399763	0.395372	-2.52927	0.434055	0.876787	-1.14053	0.889548	0.97737	-1.02315	4.98318	2.14166	0.382026	1
cg17630044	0.00682858	0.478801	-2.08855	0.0172887	1.83939	1.83939	0.738535	0.932015	-1.07294	0.221082	0.763112	-1.31042	4.93369	3.45158	0.621861	1
cg15235987	0.00209449	0.231585	-4.31807	0.202581	0.634688	-1.57558	0.385608	1.35066	1.35066	0.0417667	0.452447	-2.2102	4.92291	8.90443	1.6078	1
cg23705060	0.743179	1.18243	1.18243	0.00333553	0.130519	-7.66172	0.997277	1.00174	1.00174	0.0800364	0.371607	-2.69101	4.83416	19.8893	3.65718	1
cg05210398	0.00908355	0.559818	-1.7863	0.0372858	1.52658	1.52658	0.899488	0.978129	-1.02236	0.0163976	1.67086	1.67086	4.8148	2.33533	0.431139	1
cg21703988	0.860565	1.05541	1.05541	0.271296	0.703787	-1.42089	0.0391271	2.0798	2.0798	0.285674	0.711685	-1.40512	4.81187	7.16991	1.32449	1
cg11746362	0.00948445	0.299852	-3.33498	0.164353	0.580589	-1.72239	0.573937	1.23145	1.23145	0.401897	0.730234	-1.36942	4.51878	9.61085	1.89055	1
cg25888621	0.405456	0.896403	-1.11557	0.00458457	1.62406	1.62406	0.843446	0.974914	-1.02573	0.100607	0.793665	-1.25998	4.50575	1.17817	0.232428	1
cg27220070	0.217586	0.343948	-2.90742	0.00233073	0.0302715	-33.0344	0.476714	1.81364	1.81364	0.0291725	0.120659	-8.28779	4.15293	44.5273	9.53058	1
cg02149193	0.737532	0.877443	-1.13967	0.00151142	0.169224	-5.90933	0.738304	1.13922	1.13922	0.708742	0.864275	-1.15704	4.11928	9.85813	2.12726	1
cg01689616	0.0700296	0.674457	-1.48267	0.627735	1.09967	1.09967	0.633555	1.09788	1.09788	0.536412	1.12945	1.12945	3.91428	2.34366	0.532218	1
cg09782746	0.0977725	0.777491	-1.28619	0.00126175	1.91964	1.91964	0.967843	0.99443	-1.0056	0.828442	1.03052	1.03052	3.82527	1.16297	0.270243	1
cg11038646	0.508011	0.808552	-1.23678	0.247571	1.46603	1.46603	0.731284	0.89665	-1.11526	0.0229371	0.422715	-2.36566	3.80307	6.03178	1.4098	1
cg23793263	0.446012	0.843519	-1.18551	0.0143266	0.516078	-1.93769	0.675114	1.09674	1.09674	0.987134	1.00354	1.00354	3.79786	2.88658	0.675606	1
cg07359518	0.274886	0.485685	-2.05895	0.0088026	0.119957	-8.33632	0.944522	1.04524	1.04524	0.0873358	0.301208	-3.31996	3.75795	24.0537	5.68956	1
cg03636488	0.887837	0.96035	-1.04129	0.01035	2.52416	2.52416	0.34128	1.32462	1.32462	0.182269	0.666421	-1.50055	3.69979	4.81588	1.15703	1
cg08578186	0.54659	0.923309	-1.08306	0.121301	1.24569	1.24569	0.139041	0.812008	-1.23151	0.0196214	0.69161	-1.4459	3.64198	0.986577	0.240791	1
cg19172447	0.27434	0.779468	-1.28293	0.0278282	1.76731	1.76731	0.666908	1.09949	1.09949	0.103528	0.677061	-1.47697	3.48499	2.64823	0.675462	1
cg20474144	0.00531972	0.509693	-1.96197	0.282176	1.22764	1.22764	0.15481	1.3224	1.3224	0.318794	1.20814	1.20814	3.47823	1.85526	0.474125	1
cg01515559	0.564669	0.927413	-1.07827	0.00813275	1.55038	1.55038	0.722684	1.0472	1.0472	0.433458	1.10899	1.10899	3.43805	0.91216	0.235834	1
cg01915525	0.942952	1.01403	1.01403	0.00101879	0.38734	-2.58171	0.672148	0.920468	-1.0864	0.0120119	0.543373	-1.84036	10.093	6.05868	0.53359	1
cg00687812	1.72E-05	0.420995	-2.37533	0.509134	1.06798	1.06798	0.120003	0.847344	-1.18016	0.108868	0.842207	-1.18736	9.87404	1.50832	0.135783	1
cg08165875	?	?	?	0.784754	1.06907	1.06907	0.0757603	1.67831	1.67831	0.00905432	0.383684	-2.60631	15.1601	11.6208	0.479087	1
cg08111133	0.381402	0.777839	-1.28561	0.00379763	0.335347	-2.98198	0.112686	0.616796	-1.62128	0.0333834	0.498708	-2.00518	6.67683	8.2813	1.10249	1
cg02963556	0.50116	0.931112	-1.07398	0.000175744	1.94483	1.94483	0.914871	1.01124	1.01124	0.124016	0.840185	-1.19021	6.19129	1.07165	0.153857	1
cg00793990	0.962142	1.00887	1.00887	0.0320214	1.59619	1.59619	0.808783	1.04616	1.04616	0.423684	0.858899	-1.16428	5.31924	2.91911	0.487807	1
cg05134918	0.0357746	2.26032	2.26032	0.139371	1.70064	1.70064	0.0234721	2.46806	2.46806	0.0255444	2.42469	2.42469	5.09457	8.99048	1.56864	1
cg06601494	0.998398	0.999496	-1.0005	0.0310429	0.529856	-1.8873	0.399411	0.805376	-1.24166	0.00367074	0.373239	-2.67925	4.81961	4.80524	0.886238	1
cg23462338	0.579852	0.79861	-1.25218	0.00282097	5.22981	5.22981	0.0966032	2.08255	2.08255	0.191058	1.74497	1.74497	4.00081	10.248	2.27688	1
cg13542857	0.00469751	0.329376	-3.03605	0.0353458	0.484654	-2.06333	0.246169	0.69874	-1.43115	0.397633	0.774149	-1.29174	3.97619	5.50158	1.22989	1
cg02497584	0.026555	0.661506	-1.5117	0.011567	0.608783	-1.64262	0.0354437	0.680511	-1.46948	0.767955	0.954559	-1.0476	3.95107	1.54598	0.347806	1
cg25928971	0.338484	0.743828	-1.3444	0.77289	0.916865	-1.09067	0.967875	0.987993	-1.01215	0.0902313	0.571198	-1.75071	3.39002	4.83042	1.26658	1
cg21494367	0.000136751	0.277343	-3.60564	2.24E-05	0.191539	-5.22086	0.00417498	0.474216	-2.10874	0.000153318	0.283233	-3.53066	30.3731	18.1736	0.531863	1
cg09240515	0.135884	1.4555	1.4555	0.0656848	0.617293	-1.61998	0.0313975	1.80324	1.80324	0.0391946	0.572734	-1.74601	6.4769	5.59561	0.76794	1
cg05049980	0.743998	1.07179	1.07179	0.00156756	2.61486	2.61486	0.641539	1.10429	1.10429	0.623143	0.900506	-1.11049	6.28413	4.45576	0.630266	1
cg12485219	0.56447	1.12748	1.12748	0.0996436	1.45021	1.45021	0.81717	1.04886	1.04886	0.122346	0.708305	-1.41182	6.03393	4.05453	0.597293	1
cg05943554	0.45868	0.889096	-1.12474	0.19022	1.24126	1.24126	0.983382	0.996761	-1.00325	0.657716	0.93289	-1.07194	3.90423	1.50071	0.341673	1
cg22488486	0.098111	0.695475	-1.43787	0.806035	1.05047	1.05047	0.218923	0.771977	-1.29538	0.0157146	0.552908	-1.80862	3.68182	2.33616	0.56401	1
cg26627511	0.587631	0.931433	-1.07361	0.224002	1.18025	1.18025	0.00551538	1.6052	1.6052	0.779319	1.03712	1.03712	3.62013	0.964974	0.23694	1
cg06388946	0.905492	0.986696	-1.01348	0.0422859	0.76815	-1.30183	0.325276	1.12136	1.12136	0.0595539	1.27098	1.27098	5.08099	1.02327	0.179015	1
cg01780482	0.23634	1.28191	1.28191	0.0964567	0.693992	-1.44094	0.150701	0.734712	-1.36108	0.0439646	1.58937	1.58937	3.88436	2.46451	0.563973	1
cg22115596	0.400459	1.10038	1.10038	4.38E-05	0.42259	-2.36636	0.0634782	0.793008	-1.26102	0.00430098	1.52856	1.52856	14.9933	2.93311	0.173892	1
cg09261561	0.0207081	0.517097	-1.93387	0.00224799	0.363229	-2.75309	0.45551	1.19718	1.19718	0.0808593	0.632318	-1.58148	7.70595	6.84247	0.789286	1
cg21870545	0.758857	1.12331	1.12331	0.000222992	10.1822	10.1822	0.0257386	2.71897	2.71897	0.666947	0.849165	-1.17763	7.20983	16.2855	2.00781	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg25727366	EPB41;EPB41;EPB41;EPB41;EPB41	0.0157895	0.0444364
cg25287272	EPB41;EPB41;EPB41;EPB41;EPB41	0.0211031	0.294487
cg16563454	EPB41;EPB41;EPB41;EPB41;EPB41	0.0250523	0.49312
cg10703813	EPB41;EPB41;EPB41;EPB41;EPB41	0.0255256	0.73872
cg07154196	EPB41;EPB41;EPB41;EPB41;EPB41	0.0477859	0.0643977
cg04844693	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.000972799	0.000160197
cg24878454	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.0274862	0.0253743
cg11069695	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.0430357	0.814015
cg13487185	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.0029226	0.972152
cg01932091	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.0199545	0.70967
cg13399773	EPB41L1	0.000119249	1.80E-05
cg07030373	EPB41L1	0.00773975	0.830305
cg01157780	EPB41L1;EPB41L1	0.000224479	0.000899582
cg23317859	EPB41L1;EPB41L1	0.000299803	0.000162801
cg12728621	EPB41L1;EPB41L1	0.00673976	0.0339562
cg16361282	EPB41L1;EPB41L1	0.0290595	0.265696
cg02960249	EPB41L2;EPB41L2;EPB41L2	3.16E-05	0.0214698
cg18884295	EPB41L2;EPB41L2;EPB41L2	5.63E-05	0.00267163
cg18374471	EPB41L2;EPB41L2;EPB41L2	0.000299787	0.039088
cg04599041	EPB41L2;EPB41L2;EPB41L2	0.000956392	0.001476
cg07308751	EPB41L2;EPB41L2;EPB41L2	0.00190385	0.00707277
cg17329834	EPB41L2;EPB41L2;EPB41L2	0.0128575	0.133335
cg03010907	EPB41L2;EPB41L2;EPB41L2	0.017503	0.184799
cg24327877	EPB41L2;EPB41L2;EPB41L2	0.0218012	0.0770736
cg06458086	EPB41L2;EPB41L2;EPB41L2	0.0254001	0.132594
cg19712745	EPB41L2;EPB41L2;EPB41L2	0.0292773	0.0262334
cg19288027	EPB41L2;EPB41L2;EPB41L2;EPB41L2;EPB41L2	0.00178607	0.0034193
cg00140910	EPB41L2;EPB41L2;EPB41L2;EPB41L2;EPB41L2;EPB41L2	0.0094983	0.202247
cg19579167	EPB41L3	0.000262304	0.344618
cg07352438	EPB41L3	0.000684351	0.843339
cg23564700	EPB41L3	0.00469615	0.720578
cg23847381	EPB41L3	0.015451	0.0280014
cg16924702	EPB41L3	0.0183636	0.444622
cg18543270	EPB41L3	0.0434539	0.405613
cg00027083	EPB41L3	0.0495225	0.26987
cg16304950	EPB41L3;EPB41L3	0.0342826	0.0520891
cg21606957	EPB41L4A	0.00120225	0.0026913
cg14798584	EPB41L4A	0.00280759	0.00374467
cg15349655	EPB41L4A	0.00295127	0.0327636
cg24942990	EPB41L4A	0.00771509	0.100515
cg13967811	EPB41L4A	0.0289781	0.0161801
cg10866199	EPB41L4A	0.0388865	0.717946
cg02103653	EPB41L4A	0.0443533	0.188206
cg07676273	EPB41L4A;FLJ11235	0.0127216	0.94059
cg18741679	EPB41L4A;FLJ11235	0.0399308	0.0664982
cg14370713	EPB41L4B;EPB41L4B	9.26E-06	0.508691
cg13845351	EPB41L4B;EPB41L4B	0.000378732	0.000624479
cg14235574	EPB41L4B;EPB41L4B	0.00779422	0.238117
cg13678551	EPB41L4B;EPB41L4B	0.00926112	0.0203312
cg14071612	EPB41L4B;EPB41L4B	0.0184032	0.061752
cg12568776	EPB41L4B;EPB41L4B	0.0295853	0.0375204
cg18505213	EPB41L4B;EPB41L4B	0.0355477	0.360004
cg03075791	EPB41L5	0.0025624	0.36789
cg23844527	EPB41L5	0.0105447	0.643553
cg14923435	EPB41L5	0.0213671	0.202343
cg23167863	EPB41L5	0.0302443	0.873602
cg21568206	EPB41L5	0.0305846	0.0227497
cg11777420	EPB41L5	0.0309523	0.024004
cg08476244	EPB41L5	0.0428359	0.0111621
cg25173889	EPB42;EPB42	3.33E-05	0.00079157
cg17849922	EPB42;EPB42	0.00125014	0.0152899
cg26643180	EPB42;EPB42	0.00333542	0.00160732
cg17746575	EPB42;EPB42	0.00935462	0.0661751
cg18450625	EPB42;EPB42	0.0114893	0.159993
cg24873171	EPB42;EPB42	0.0115587	0.104425
cg15882566	EPB42;EPB42	0.0306633	0.0340793
cg22680812	EPB42;EPB42	0.0376564	0.377437
cg18431127	EPB42;EPB42	0.0386637	0.0930111
cg18901355	EPB49;EPB49;EPB49	0.000370493	0.000340396
cg24931658	EPB49;EPB49;EPB49;EPB49	0.0375581	0.297582
cg10069277	EPC1	1.08E-05	0.00586511
cg10685961	EPC1	7.37E-05	0.489802
cg15986326	EPC1	0.0100215	0.64145
cg01819863	EPC1	0.0123481	0.226092
cg21879981	EPC1	0.0216536	0.0234593
cg16886756	EPC1	0.0267242	0.713592
cg25928881	EPC1	0.0394954	0.145384
cg02072515	EPC2	0.00404956	0.523974
cg10458926	EPC2	0.00518826	0.109377
cg00519153	EPC2	0.00608721	0.142654
cg03664802	EPC2	0.00781522	0.564956
cg00066942	EPC2	0.00857789	0.609172
cg21347644	EPC2	0.011075	0.0234907
cg11721798	EPC2	0.029615	0.528692
cg03207246	EPC2	0.0486664	0.851889
cg24916165	EPCAM	0.000195607	3.26E-05
cg12942414	EPCAM	0.0414136	0.0578583
cg13823166	EPCAM;MIR559	4.55E-05	0.32458
cg17246929	EPCAM;MIR559	0.0173388	0.629716
cg15792957	EPCAM;MIR559	0.0173397	0.840715
cg06962768	EPDR1	0.000529815	0.842097
cg27641018	EPDR1	0.000839648	0.00524729
cg24953179	EPDR1	0.00488612	0.322949
cg15141868	EPDR1	0.0153613	0.0628154
cg25225232	EPDR1	0.0265912	0.996339
cg08608193	EPDR1	0.047275	0.341948
cg19747465	EPGN	0.000257762	0.000203174
cg19111265	EPHA1	0.000151037	0.0239833
cg02224845	EPHA1	0.0157247	0.381936
cg18997129	EPHA1	0.0180046	0.228592
cg21294616	EPHA1	0.0469966	0.160589
cg10090792	EPHA10	4.82E-06	1.25E-05
cg15601529	EPHA10	0.000557933	0.000260595
cg22425711	EPHA10	0.00131698	0.0476237
cg21821095	EPHA10	0.00296961	0.221951
cg13851466	EPHA10	0.0352017	0.764538
cg01379846	EPHA10;EPHA10	1.23E-05	0.130724
cg12746947	EPHA10;EPHA10	1.65E-05	0.0099741
cg11521434	EPHA10;EPHA10	0.000128921	0.00187397
cg13779907	EPHA10;EPHA10	0.000217089	0.634548
cg00013409	EPHA10;EPHA10	0.00187214	0.119216
cg12158389	EPHA10;EPHA10	0.00342687	0.880288
cg21439231	EPHA10;EPHA10	0.0159188	0.632026
cg10122079	EPHA10;EPHA10	0.0420728	0.0404051
cg01967642	EPHA10;EPHA10	0.0450413	0.0132948
cg18537001	EPHA10;EPHA10	0.0460727	0.909134
cg22533689	EPHA2	0.000108699	0.104565
cg06882340	EPHA2	0.00232624	0.405699
cg15146752	EPHA2	0.00233357	0.9729
cg07207833	EPHA2	0.00423496	0.014903
cg21305452	EPHA2	0.00535055	0.580805
cg23237801	EPHA2	0.00637766	0.113348
cg24494577	EPHA2	0.00718455	0.173614
cg10027752	EPHA2	0.00986146	0.0925361
cg15517098	EPHA2	0.0108472	0.00658179
cg26031742	EPHA2	0.0117259	0.0241845
cg13110461	EPHA2	0.0154651	0.078179
cg07959609	EPHA2	0.0197053	0.208632
cg26371327	EPHA2	0.0269143	0.915515
cg15072646	EPHA2	0.0280557	0.259185
cg08543849	EPHA2	0.0336587	0.0477332
cg24518441	EPHA2	0.0362152	0.133398
cg00107046	EPHA2	0.0446564	0.0183601
cg15483964	EPHA2;EPHA2	0.00764585	0.00437621
cg05942161	EPHA3;EPHA3	4.53E-06	0.933138

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01360628	EPHA3;EPHA3	0.000706135	0.000855339	0.110767	-9.02794	0.0585056	0.391035	-2.55732	0.00461161	0.190886	-5.23874	0.0138756	0.263033	-3.80181	0.000170432	0.0603523	-16.5694
cg04515667	EPHA3;EPHA3	0.000916427	0.00578998	0.279103	-3.58291	0.979185	0.990832	-1.00925	0.687288	0.86688	-1.15356	0.873614	0.945352	-1.05781	0.000151561	0.100762	-9.92434
cg04238185	EPHA3;EPHA3	0.00208162	0.00967058	0.303626	-3.29352	0.0720552	0.481442	-2.07709	0.297428	0.674853	-1.4818	0.191936	0.604784	-1.65348	0.00126631	0.180398	-5.5433
cg01824625	EPHA3;EPHA3	0.0048753	0.00170718	0.147951	-6.759	0.0647331	0.412697	-2.42309	0.0981262	0.461169	-2.1684	0.00381641	0.189353	-5.28114	0.0139855	0.273952	-3.65027
cg12584735	EPHA3;EPHA3	0.00532807	0.0991996	0.625962	-1.59754	0.00971988	0.428379	-2.33438	0.000112068	0.172079	-5.8113	0.989307	0.996532	-1.00348	0.0400291	0.540581	-1.84986
cg08670922	EPHA3;EPHA3	0.0118749	0.0132455	0.170288	-5.8724	0.000707911	0.0510294	-19.5966	0.0197111	0.197086	-5.07393	0.925528	1.05539	1.05539	0.0371347	0.247742	-4.03645
cg18195656	EPHA3;EPHA3	0.0247549	0.05748	0.513097	-1.94895	0.436912	0.781674	-1.27931	0.612044	0.853127	-1.17216	0.544891	0.826698	-1.20963	0.0132308	0.385302	-2.59537
cg16797972	EPHA3;EPHA3	0.0273297	0.0310883	0.0618053	-16.1798	0.0163718	0.0396376	-25.2286	0.0721542	0.109943	-9.0956	0.171856	0.201906	-4.95279	0.0133901	0.0344063	-29.0645
cg22288690	EPHA3;EPHA3	0.0361307	0.743451	1.08176	1.08176	0.138242	1.46507	1.46507	0.718262	0.916957	-1.09056	0.521332	1.16829	1.16829	0.00151008	0.33496	-2.98543
cg13587495	EPHA3;EPHA3	0.0368314	0.00818252	0.436649	-2.29017	0.419626	1.22375	1.22375	0.366019	0.796587	-1.25536	0.318013	0.776672	-1.28754	0.0118922	0.463577	-2.15714
cg12351073	EPHA3;EPHA3	0.0383189	0.638291	0.915608	-1.09217	0.426098	1.16338	1.16338	0.00428553	0.49096	-2.03682	0.988274	1.00274	1.00274	0.230531	1.26392	1.26392
cg09004195	EPHA4	0.000199883	8.21E-05	0.364257	-2.74531	0.00045782	0.455978	-2.19309	0.0678506	0.747466	-1.33785	0.0345798	0.704208	-1.42004	5.96E-05	0.347613	-2.87676
cg25272554	EPHA4	0.000864146	0.780173	0.981663	-1.01868	0.0812989	0.880009	-1.13635	0.0353037	0.850316	-1.17603	0.0033633	1.30197	1.30197	0.648425	1.03083	1.03083
cg10517814	EPHA4	0.00605739	0.368243	1.09562	1.09562	0.901854	0.987884	-1.01227	0.058952	0.809984	-1.23459	0.842432	1.01986	1.01986	0.0027864	0.665412	-1.50283
cg05499262	EPHA4	0.0188061	0.133873	0.48981	-2.04161	0.809004	0.898608	-1.11283	0.476499	0.726439	-1.37658	0.839565	0.914395	-1.09362	0.647481	0.816069	-1.22539
cg13231700	EPHA4	0.0441544	0.129257	0.615103	-1.62574	0.058837	1.88259	1.88259	0.00599283	0.344787	-2.90034	0.825441	0.936612	-1.06768	0.05101	0.517401	-1.93274
cg18527574	EPHA4	0.0469742	0.0638578	7.75287	7.75287	0.0373111	10.7651	10.7651	0.18631	3.96518	3.96518	0.132693	4.9289	4.9289	0.0343443	11.3249	11.3249
cg17846785	EPHA4	0.0477943	0.00087305	0.0828858	-12.0648	0.832045	0.899487	-1.11174	0.336311	1.63966	1.63966	0.738678	0.846204	-1.18175	0.959341	1.02575	1.02575
cg08965464	EPHA4;EPHA4	0.0123642	0.34391	0.891132	-1.12217	0.749531	1.03859	1.03859	0.106806	1.23141	1.23141	0.110693	1.22811	1.22811	0.749527	0.96284	-1.03859
cg19410532	EPHA5;EPHA5	4.32E-05	?	?	?	9.77E-06	2.80162	2.80162	4.16E-05	2.1529	2.1529	?	?	?	?	?	?
cg18420965	EPHA5;EPHA5	0.000213078	0.660889	1.12513	1.12513	0.00228158	3.12488	3.12488	0.0536704	1.7953	1.7953	0.395165	1.26185	1.26185	0.0860566	0.602555	-1.6596
cg23842170	EPHA5;EPHA5	0.000460119	0.564885	1.19877	1.19877	0.0201166	2.39538	2.39538	0.00783234	2.89603	2.89603	0.000141483	7.73491	7.73491	3.58E-05	11.986	11.986
cg14810013	EPHA5;EPHA5	0.00247132	0.144185	1.13076	1.13076	0.000109193	0.586371	-1.7054	0.00180392	0.706347	-1.41573	0.183243	1.11696	1.11696	0.424093	0.938056	-1.06603
cg01694632	EPHA5;EPHA5	0.00327253	0.541406	0.817844	-1.22273	0.201989	1.54993	1.54993	0.0100082	0.347269	-2.87961	0.188041	0.635251	-1.57418	0.0120332	0.361059	-2.76963
cg10334354	EPHA5;EPHA5	0.00361757	0.180073	1.18623	1.18623	0.0129179	1.44803	1.44803	0.002666	1.64594	1.64594	0.0513726	1.30486	1.30486	0.740812	0.960963	-1.04062
cg06622379	EPHA5;EPHA5	0.00945578	0.947803	0.990072	-1.01003	0.0130025	1.59947	1.59947	0.150503	1.26472	1.26472	0.288186	1.18299	1.18299	0.0599506	1.38187	1.38187
cg14386496	EPHA5;EPHA5	0.0110443	0.0599472	0.336054	-2.97571	0.568174	1.34501	1.34501	0.566652	1.34661	1.34661	0.000511997	0.0615847	-16.2378	0.522619	1.39504	1.39504
cg01101647	EPHA5;EPHA5	0.0152319	?	?	?	0.733577	1.1544	1.1544	0.332344	0.654122	-1.52877	0.889395	1.06015	1.06015	?	?	?
cg02463418	EPHA5;EPHA5;EPHA5;EPHA5	0.00601002	0.157498	1.43887	1.43887	0.0912182	1.56486	1.56486	0.0868304	1.57657	1.57657	0.0498532	1.71338	1.71338	0.00282236	0.371509	-2.69172
cg11410023	EPHA6	0.000370534	0.0222045	1.93509	1.93509	3.32E-05	6.95613	6.95613	0.0407837	1.76596	1.76596	0.223357	1.36082	1.36082	0.534055	1.16376	1.16376
cg10359143	EPHA6	0.00132099	0.0297204	0.470837	-2.12388	0.0143908	0.411433	-2.43053	0.00262433	0.29339	-3.40844	0.117048	0.605787	-1.65074	0.00135714	0.254273	-3.93279
cg09301294	EPHA6	0.00150121	0.11331	1.35333	1.35333	0.0034636	2.00735	2.00735	0.0128075	1.72088	1.72088	0.340661	1.18817	1.18817	0.821349	1.04051	1.04051
cg27209108	EPHA6	0.00182232	0.00326384	0.60755	-1.64596	0.000179111	0.454552	-2.19997	0.0807584	0.786127	-1.27206	0.199249	0.844899	-1.18357	0.00168154	0.572368	-1.74713
cg15405439	EPHA6	0.0023851	0.00363087	1.90857	1.90857	0.00282617	1.9648	1.9648	0.00276001	1.97026	1.97026	0.606399	1.0891	1.0891	0.436897	1.13912	1.13912
cg00652796	EPHA6	0.0032563	0.00160187	1.70278	1.70278	0.628325	1.05904	1.05904	0.217716	1.16471	1.16471	0.215882	1.1655	1.1655	0.0808774	0.796439	-1.25559
cg19963231	EPHA6	0.00326023	0.00197059	0.102188	-9.78586	0.00269043	0.114951	-8.69936	0.00602748	0.153919	-6.49693	0.0153798	0.211977	-4.71749	0.00167575	0.095998	-10.4169
cg11197061	EPHA6	0.00442034	0.719444	1.14341	1.14341	0.450077	0.751302	-1.33102	0.00103229	0.164269	-6.08756	0.0154134	0.331365	-3.01782	?	?	?
cg09549067	EPHA6	0.005164	0.153397	0.774993	-1.29033	0.000178446	0.34694	-2.88234	0.0127025	0.596663	-1.67599	0.0552047	0.695982	-1.43682	0.441146	1.13994	1.13994
cg01556799	EPHA6	0.00662432	0.000540027	0.165572	-6.03966	0.167097	0.630207	-1.58678	0.00574174	0.309002	-3.23622	0.586968	0.843238	-1.18591	0.222064	0.669385	-1.49391
cg11980016	EPHA6	0.0248776	0.387879	0.87461	-1.14337	0.229551	1.21029	1.21029	0.0327329	1.45968	1.45968	0.0222033	0.660334	-1.51439	0.264061	1.19272	1.19272
cg08708747	EPHA6	0.0269894	0.187539	1.21895	1.21895	0.773457	1.04176	1.04176	0.108543	1.28164	1.28164	0.333264	0.868074	-1.15198	0.0142485	0.651456	-1.53502
cg24337235	EPHA6	0.0288091	0.0565208	0.488822	-2.04574	0.580887	0.831211	-1.20306	0.012072	0.354289	-2.82255	0.00692848	0.313952	-3.1852	0.005291	0.295602	-3.38293
cg05455279	EPHA6	0.0310962	0.0592365	0.492274	-2.03139	0.0672233	0.505334	-1.97889	0.00271519	0.252084	-3.96693	0.0750932	0.517077	-1.93395	0.020769	0.396028	-2.52507
cg22073258	EPHA6;EPHA6	0.00739209	0.0509552	0.688605	-1.45221	0.00295735	0.504255	-1.98312	0.0553025	0.694506	-1.43987	0.412549	0.86885	-1.15095	0.829389	0.964435	-1.03688
cg17995911	EPHA6;EPHA6	0.0200867	0.698796	1.09005	1.09005	0.0010142	0.339223	-2.94792	0.146276	0.707632	-1.41316	0.274453	0.777119	-1.2868	0.673396	0.910275	-1.09857
cg06102612	EPHA7	0.000180124	0.00840417	0.733723	-1.36291	0.000126091	1.84785	1.84785	7.98E-05	0.519213	-1.92599	0.0135196	0.754906	-1.32467	0.0601746	1.2153	1.2153
cg08001895	EPHA7	0.000263557	0.00978973	0.359144	-2.7844	2.53E-05	0.0584707	-17.1026	0.000161939	0.119043	-8.40036	0.69165	0.886529	-1.12799	?	?	?
cg11569979	EPHA7	0.000281933	0.139854	0.788673	-1.26795	3.62E-05	3.28428	3.28428	0.402652	1.13655	1.13655	0.0998093	0.763734	-1.30936	0.000161299	0.381812	-2.61909
cg13652557	EPHA7	0.00110287	0.348491	1.17858	1.17858	2.52E-05	4.15304	4.15304	0.00142771	2.1931	2.1931	0.514569	1.11908	1.11908	0.892732	1.02323	1.02323
cg27248041	EPHA7	0.00136023	0.399473	1.21512	1.21512	0.257192	1.30619	1.30619	0.000776924	0.317046	-3.15412	0.91925	1.02317	1.02317	4.66E-05	0.176277	-5.67289
cg06740629	EPHA7	0.00227059	9.79E-05	0.206987	-4.83123	0.115079	1.4768	1.4768	0.189675	1.37179	1.37179	0.312827	0.788548	-1.26815	0.00125974	0.342552	-2.91927
cg19504032	EPHA7	0.00329095	0.459157	0.910305	-1.09853	0.271701	1.15334	1.15334	0.128986	0.815016	-1.22697	0.288052	0.871513	-1.14743	0.557422	0.928692	-1.07678
cg08734918	EPHA7	0.00332469	0.72599	0.963796	-1.03756	0.35664	1.10447	1.10447	7.19E-05	2.13366	2.13366	0.248617	0.881269	-1.13473	0.0512737	1.26188	1.26188
cg20648899	EPHA7	0.00397118	0.00600939	0.142492	-7.01795	0.543206	1.39656	1.39656	0.72501	0.825559	-1.2113	0.0142267	0.193712	-5.16231	0.000164103	0.0305596	-32.7229
cg00044245	EPHA7	0.00437365	0.00691658	0.787305	-1.27016	0.254705	1.08476	1.08476	0.000970182	1.39919	1.39919	0.0401503	0.850248	-1.17613	0.865704	1.01165	1.01165
cg21552709	EPHA7	0.0171246	0.706598	1.16715	1.16715	0.0762717	2.23925	2.23925	0.408822	0.708018	-1.41239	0.953741	0.976568	-1.02399	0.527011	1.29949	1.29949
cg02168857	EPHA7	0.0362321	0.994553	0.998604	-1.0014	0.000937694	2.74727	2.74727	0.305818	0.804878	-1.24242	0.567571	0.888443	-1.12556	0.428315	0.847431	-1.18004
cg06590513	EPHA7	0.0391475	0.109259	0.677952	-1.47503	0.00377153	2.38701	2.38701	0.21925	0.750097	-1.33316	0.0889773	1.51817	1.51817	0.0483136	1.65235	1.65235
cg05427966	EPHA7;EPHA7	0.0409434	0.893093	0.960094	-1.04156	0.0546685	1.93506	1.93506	0.407686	1.29241	1.29241	0.291806	1.39274	1.39274	0.211632	1.48964	1.48964
cg17740093	EPHA8	8.29E-05	0.520084	0.862393	-1.15956	0.000170609	0.234347	-4.26717	0.0336542	0.569298	-1.75655	0.00431657	2.37816	2.37816	9.87E-05	0.208096	-4.80548
cg01486686	EPHA8	0.000154198	0.000187595	0.324909	-3.07778	0.000117011	0.300104	-3.33218	5.36E-05	0.260725	-3.83545	0.227378	0.797684	-1.25363	0.000128147	0.304825	-3.28057
cg22493620	EPHA8	0.000901942	0.000412428	0.226893	-4.40735	0.965784	0.988715	-1.01141	0.00215441	0.319903	-3.12595	0.7428	0.916569	-1.09103	0.264251	0.735017	-1.36051
cg23802451	EPHA8	0.00113067	0.0682593	0.493102	-2.02798	0.0137232	0.348079	-2.87292	0.00183747	0.216021	-4.62917	0.605157	0.834752	-1.19796	0.00825434	0.310388	-3.22177
cg04260293	EPHA8	0.00152715	0.492538	0.862098	-1.15996	0.0059182	0.464653	-2.15214	0.00127639	0.367807	-2.71881	0.130469	0.706309	-1.41581	0.0122329	0.51453	-1.94352
cg24143129	EPHA8	0.00179425	0.00295588	0.301192	-3.32014	0.0181979	0.43034	-2.32375	0.00210239	0.280228	-3.56852	0.0391182	0.49553	-2.01804	6.38E-05	0.115018	-8.69431
cg11225745	EPHA8	0.00261828	0.0813	1.43193	1.43193	0.0353247	1.57674	1.57674	0.141832	1.34105	1.34105	0.407016	1.17068	1.17068	0.731275	0.937959	-1.06614
cg18891953	EPHA8	0.00424846	0.0164433	0.383514	-2.60746	0.00397181	0.281909	-3.54724	0.0127253	0.363467	-2.75129	0.0922312	0.545601	-1.83284	0.00496542	0.296439	-3.37338
cg06824294	EPHA8	0.00821132	0.628078	0.865955	-1.15479	0.69697	0.891031	-1.1223	0.0500992	0.517578	-1.93207	0.712689	1.11521	1.11521	0.958538	0.984789	-1.01545
cg09940915	EPHA8	0.0089292	0.355348	1.16048	1.16048	0.854629	1.02913	1.02913	0.116324	0.765571	-1.30621	0.0311166	0.672984	-1.48592	0.00603553	0.570358	-1.75328
cg15597364	EPHA8	0.011509	0.00510047	5.15595	5.15595	0.561939	0.771155	-1.29676	0.0312655	0.326324	-3.06444	0.441606	1.41584	1.41584	0.819849	0.903852	-1.10638
cg22039566	EPHA8	0.0222902	0.868315	1.05251	1.05251	0.485982	1.24402	1.24402	0.066651	0.530323	-1.88564	0.0221179	0.428998	-2.33101	0.00212324	0.263947	-3.78864
cg10948827	EPHA8	0.036029	0.915867	1.02876	1.02876	0.0058485	0.379805	-2.63293	0.0299561	0.504004	-1.98411	0.262914	1.36774	1.36774	0.953717	1.01569	1.01569
cg20991983	EPHA8	0.0486741	0.10123	0.348672	-2.86802	0.675386	1.28052	1.28052	0.647786	0.763348	-1.31002	0.594006	0.729154	-1.37145	0.0199519	0.192225	-5.20223
cg08655148	EPHA8;EPHA8	2.66E-05	1.99E-06	0.214367	-4.66489	0.692657	1.05346	1.05346	4.38E-06	0.249661	-4.00543	0.149007	0.816387	-1.22491	8.26E-05	0.394751	-2.53324
cg05062491	EPHA8;EPHA8	0.000169388	0.0118536	0.454259	-2.20139	0.0635363	0.592152	-1.68876	0.00484298	0.391221	-2.5561	0.0038427	0.375846	-2.66067	8.43E-05	0.169335	-5.90544
cg09028365	EPHA8;EPHA8	0.000378284	0.287464	0.773208	-1.29331	0.678907	0.907608	-1.1018	0.00482993	0.418705	-2.38832	0.33029	1.26359	1.26359	0.419842	0.825352	-1.2116
cg23242509	EPHA8;EPHA8	0.004426	0.0595339	0.776382	-1.28803	0.515622	1.08162	1.08162	0.000168849	0.46687	-2.14192	0.715637	1.04451	1.04451	0.689253	0.953287	-1.049
cg11801107	EPHA8;EPHA8	0.00731088	0.44418	0.891853	-1.12126	0.584005	0.922074	-1.08451	0.0147441	0.643812	-1.55325	0.0132016	1.5695	1.5695	0.108498	1.29289	1.29289
cg18232871	EPHA8;EPHA8	0.0091467	0.605158	1.06259	1.06259	0.458511	1.09184	1.09184	0.0237584	1.36909	1.36909	0.0244019	1.36642	1.36642	0.0929207	0.806398	-1.24008
cg00165619	EPHA8;EPHA8	0.0145981	0.511053	0.892681	-1.12022	0.374295	0.856148	-1.16802	0.0405332	0.668414	-1.49608	0.989244	1.0023	1.0023	0.575494	0.908143	-1.10115
cg10838091	EPHA8;EPHA8	0.0166985	0.975907	0.992694	-1.00736	0.838204	1.0509	1.0509	0.605154	0.881047	-1.13501	0.59559	0.87803	-1.13891	0.172292	0.70274	-1.423
cg05941864	EPHA8;EPHA8	0.0167862	0.00534752	2.35604	2.35604	0.382287	1.23281	1.23281	0.0577761	0.605863	-1.65054	0.3385	0.794169	-1.25918	0.893821	0.969289	-1.03168
cg12596914	EPHA8;EPHA8	0.026305	0.251371	0.578521	-1.72855	0.0234735	0.290548	-3.44177	0.00929993	0.221596	-4.51273	0.122207	0.465342	-2.14896	0.00421845	0.173823	-5.75299
cg02484391	EPHA8;EPHA8	0.0407909	0.07472	0.209684	-4.76908	0.665006	1.40893	1.40893	0.80456	1.21543	1.21543	0.848785	0.860528	-1.16208	0.0278235	0.129269	-7.73583
cg26811927	EPHA8;EPHA8	0.0489986	0.943547	1.01571	1.01571	0.456675	0.846308	-1.1816	0.156066	0.716019	-1.39661	0.758935	1.07011	1.07011	0.85551	1.04094	1.04094
cg16448847	EPHB1	0.00092425	0.0148505	0.331926	-3.01272	0.000408117	7.89817	7.89817	0.485591	1.29794	1.29794	0.979976	1.00928	1.00928	8.15E-05	0.0731779	-13.6653
cg15000071	EPHB1	0.00122888	0.347996	0.850095	-1.17634	0.00119592	0.450219	-2.22114	0.000615906	0.412203	-2.42599	0.648551	0.925772	-1.08018	0.960159	1.00843	1.00843
cg01363198	EPHB1	0.00148733	0.00046273	0.203119	-4.92322	0.213366	0.684467	-1.46099	0.0161494	0.42678	-2.34313	0.00661602	0.36062	-2.773	0.00120896	0.25379	-3.94026
cg04513861	EPHB1	0.00336867	0.0967197	0.63581	-1.5728	0.949909	0.984518	-1.01573	0.659747	1.11632	1.11632	0.15849	0.68771	-1.4541	0.00106807	0.300942	-3.3229
cg04891921	EPHB1	0.00429826	0.180983	1.10022	1.10022	0.126056	1.11774	1.11774	0.186976	1.09863	1.09863	0.0716055	0.873469	-1.14486	0.0452294	1.16706	1.16706
cg03627881	EPHB1	0.00606783	0.00681958	0.176068	-5.67962	0.000601429	0.0726207	-13.7702	0.0120751	0.21206	-4.71565	0.344618	0.617307	-1.61994	0.0239268	0.263105	-3.80077
cg13488725	EPHB1	0.0100621	0.0123931	2.41835	2.41835	0.0522335	1.8708	1.8708	0.411996	1.26866	1.26866	0.410814	1.26946	1.26946	0.208359	1.45685	1.45685
cg19497640	EPHB1	0.0128735	0.858021	0.928086	-1.07749	0.000755542	8.40417	8.40417	0.0287829	2.92918	2.92918	0.604782	1.24308	1.24308	0.0884153	0.45682	-2.18905
cg07049323	EPHB1	0.0240466	0.577098	1.08176	1.08176	0.0145171	1.52209	1.52209	0.0425878	0.722014	-1.38502	0.0588069	1.34683	1.34683	0.0160151	1.50882	1.50882
cg15924691	EPHB1	0.0276973	0.0257356	0.227654	-4.39263	0.00416106	0.116949	-8.55075	0.035156	0.253827	-3.9397	0.291478	0.542486	-1.84337	0.0480125	0.282836	-3.53562
cg07149179	EPHB1	0.0368804	0.0422525	0.436165	-2.29271	0.107371	0.536199	-1.86498	0.303944	0.685508	-1.45877	0.456282	0.764081	-1.30876	0.00719161	0.292156	-3.42283
cg20109001	EPHB1	0.0449457	0.319528	0.781302	-1.27991	0.397225	0.812228	-1.23118	0.154094	0.69347	-1.44202	0.731082	0.920563	-1.08629	0.00121707	0.321147	-3.11384
cg01915994	EPHB1;EPHB1	0.00220674	0.626655	0.962229	-1.03925	0.0014059	1.43797	1.43797	0.00331427	1.36908	1.36908	0.385693	1.07234	1.07234	0.0760603	1.16771	1.16771
cg01970575	EPHB2;EPHB2	0.000200796	0.0201712	0.74765	-1.33753	0.00585447	0.687681	-1.45416	0.961015	0.99494	-1.00509	0.0376311	0.778564	-1.28442	0.00914028	0.709173	-1.41009
cg00396230	EPHB2;EPHB2	0.00428045	0.481348	0.839578	-1.19107	0.00583619	0.414013	-2.41538	0.66939	0.900382	-1.11064	0.608484	0.881419	-1.13453	0.0519971	0.582689	-1.71618
cg16002659	EPHB2;EPHB2	0.0043744	0.870803	1.01383	1.01383	0.000409486	1.60563	1.60563	0.262884	1.10349	1.10349	0.356772	0.92315	-1.08325	0.0840482	1.17501	1.17501
cg26255052	EPHB2;EPHB2	0.00581472	0.748213	0.9551	-1.04701	0.00853614	1.61397	1.61397	0.841299	0.971809	-1.02901	0.496633	1.10346	1.10346	0.0783547	1.32171	1.32171
cg12046053	EPHB2;EPHB2	0.00699154	0.132795	0.72636	-1.37673	0.0154187	1.79674	1.79674	0.343671	0.825068	-1.21202	0.390565	1.18937	1.18937	0.00446093	0.473477	-2.11203
cg20149170	EPHB2;EPHB2	0.00895896	0.0160527	0.168183	-5.94591	0.00810323	0.12861	-7.77543	0.034215	0.224315	-4.45801	0.214114	0.45327	-2.20619	0.00362579	0.0924211	-10.82
cg00323313	EPHB2;EPHB2	0.0102425	0.00339228	0.502432	-1.99032	0.00523461	0.529151	-1.88982	0.098226	0.730962	-1.36806	0.0602145	0.693321	-1.44233	0.0046507	0.521813	-1.91639
cg00831127	EPHB2;EPHB2	0.0114286	0.0278181	0.182005	-5.49435	0.065295	0.257712	-3.8803	0.00234608	0.0618903	-16.1576	0.245843	0.451427	-2.2152	0.1291	0.341417	-2.92897
cg27573841	EPHB2;EPHB2	0.0275219	0.747426	1.08831	1.08831	0.251142	0.730493	-1.36894	0.216149	0.711124	-1.40622	0.613373	1.14276	1.14276	0.220615	0.713708	-1.40113
cg05228361	EPHB2;EPHB2	0.0287286	0.103343	0.77836	-1.28475	0.0328913	1.42043	1.42043	0.892947	1.01912	1.01912	0.348589	0.873087	-1.14536	0.971393	1.00506	1.00506
cg07952381	EPHB2;EPHB2	0.0340647	0.03788	0.171664	-5.82535	0.011493	0.0988421	-10.1171	0.0243128	0.140173	-7.13407	0.150314	0.323482	-3.09136	0.0210642	0.131212	-7.62127
cg09463984	EPHB2;EPHB2	0.0423811	0.104939	0.70167	-1.42517	0.648821	0.9124	-1.09601	0.159897	0.740624	-1.35021	0.468289	0.862817	-1.15899	0.00120354	0.387369	-2.58152
cg04099056	EPHB2;EPHB2	0.0424865	0.114187	1.21435	1.21435	0.178079	0.85067	-1.17554	0.0201056	0.728394	-1.37288	0.846661	1.02212	1.02212	0.0718683	0.796834	-1.25497
cg00701493	EPHB3	8.32E-05	0.866788	1.01594	1.01594	1.97E-05	2.25904	2.25904	0.00525131	1.4144	1.4144	0.00120399	1.56312	1.56312	0.000568161	0.604816	-1.65339
cg06577604	EPHB3	0.00186915	0.17406	1.10412	1.10412	0.0153575	1.22604	1.22604	0.897531	1.00886	1.00886	0.0422917	0.851956	-1.17377	0.144384	1.11338	1.11338
cg13063405	EPHB3	0.00208274	0.739846	0.919177	-1.08793	0.0479082	0.56442	-1.77173	0.871873	0.960002	-1.04166	0.0966853	1.58595	1.58595	0.0857422	0.618611	-1.61652
cg15334250	EPHB3	0.00296243	0.420833	0.819805	-1.2198	0.00568865	2.40194	2.40194	0.000621262	0.280214	-3.56871	0.00639391	0.424328	-2.35667	0.0284214	1.8681	1.8681
cg13748287	EPHB3	0.00319485	0.156741	0.688404	-1.45264	0.00849949	0.436928	-2.28871	0.191589	1.40608	1.40608	0.625425	1.12894	1.12894	0.736874	0.920233	-1.08668
cg10769844	EPHB3	0.00580138	0.248975	0.820588	-1.21864	0.414831	0.872166	-1.14657	0.966066	0.993043	-1.00701	0.345473	0.852622	-1.17285	0.390862	1.1552	1.1552
cg15687780	EPHB3	0.00720077	0.348238	0.880439	-1.1358	0.787533	1.03626	1.03626	0.000247258	0.450237	-2.22105	0.355919	0.882317	-1.13338	0.00317034	0.587735	-1.70145
cg11148533	EPHB3	0.0103118	0.144092	0.707286	-1.41386	0.571934	0.881573	-1.13434	0.496222	1.16471	1.16471	0.666575	1.10039	1.10039	0.568604	0.880589	-1.1356
cg10176160	EPHB3	0.0166702	0.00110037	0.360589	-2.77324	0.288915	0.791872	-1.26283	0.106658	0.688381	-1.45268	0.74868	1.07051	1.07051	0.0424274	0.609332	-1.64114
cg17292583	EPHB3	0.0388711	0.0377456	0.442836	-2.25817	0.963704	1.0155	1.0155	0.17448	1.62949	1.62949	0.054122	0.477643	-2.09362	0.175043	0.614129	-1.62832
cg27257822	EPHB3	0.0415983	0.0913081	0.559823	-1.78628	0.0349717	0.464607	-2.15236	0.643731	0.864771	-1.15638	0.850457	1.06065	1.06065	0.0283835	0.446114	-2.24158
cg22841258	EPHB3;EPHB3	0.00142304	0.629984	0.887813	-1.12636	0.454374	0.829598	-1.2054	0.848284	1.04807	1.04807	4.14E-05	0.147384	-6.78497	0.0090167	0.443146	-2.25659
cg16382256	EPHB3;EPHB3	0.0234464	0.0223005	0.45084	-2.21808	0.623828	1.15464	1.15464	0.717661	1.11141	1.11141	?	?	?	0.00179856	0.274808	-3.6389
cg18563348	EPHB4	4.27E-05	0.250727	0.831872	-1.20211	0.641731	0.930652	-1.07452	0.0194423	0.648347	-1.54238	0.77734	1.04444	1.04444	3.10E-07	0.100906	-9.9102
cg03098644	EPHB4	0.000368261	0.532328	1.14532	1.14532	0.521514	0.869898	-1.14956	4.21E-06	0.101999	-9.80399	0.135835	1.41171	1.41171	0.520508	0.869597	-1.14996
cg22644163	EPHB4	0.00045795	0.208471	1.42163	1.42163	0.0026339	3.01752	3.01752	0.123549	1.5567	1.5567	0.847409	0.950173	-1.05244	1.41E-05	0.0905349	-11.0455
cg17923316	EPHB4	0.000680638	0.337465	0.876427	-1.141	0.0535402	1.33972	1.33972	0.0133294	0.664345	-1.50524	0.243074	1.17696	1.17696	3.16E-05	0.339047	-2.94944
cg21467197	EPHB4	0.00227229	0.262703	0.869637	-1.1499	0.319624	1.1309	1.1309	0.355238	1.12048	1.12048	0.949168	1.00766	1.00766	0.619838	1.06164	1.06164
cg17385469	EPHB4	0.00229776	0.00370638	0.334945	-2.98556	0.557196	1.1801	1.1801	0.247942	0.713962	-1.40063	0.500105	0.82619	-1.21038	3.88E-05	0.110953	-9.01285
cg21129976	EPHB4	0.0140726	0.738976	0.822564	-1.21571	0.0798454	3.11224	3.11224	0.566603	1.40264	1.40264	0.787731	0.854157	-1.17075	0.000273811	0.030742	-32.5288
cg04483469	EPHB4	0.018162	0.0679143	0.675481	-1.48043	0.00509232	0.491473	-2.0347	0.0478924	0.647923	-1.54339	0.948146	0.987598	-1.01256	0.00198952	0.432678	-2.31119
cg22493616	EPHB4	0.0242744	0.0033042	0.285124	-3.50725	0.360419	0.744657	-1.3429	0.0331644	0.458006	-2.18338	0.0495202	0.49523	-2.01926	0.0073338	0.338283	-2.9561
cg10075906	EPHB4	0.0473077	0.168952	1.30486	1.30486	0.180083	1.29495	1.29495	0.678102	1.07873	1.07873	0.109164	1.37323	1.37323	0.0738149	1.43593	1.43593
cg16914425	EPHB6	0.000465344	7.62E-06	0.165859	-6.02921	0.366411	1.18475	1.18475	0.0381185	0.644588	-1.55138	0.557766	0.897352	-1.11439	0.948799	1.0118	1.0118
cg04424060	EPHB6	0.000787147	4.08E-05	0.223654	-4.47119	0.479173	0.871392	-1.14759	0.243373	0.791685	-1.26313	0.00210456	0.43708	-2.28791	0.00027145	0.319104	-3.13378
cg08882216	EPHB6	0.00116722	0.0462736	0.553168	-1.80777	0.0303504	1.93506	1.93506	0.00208393	3.07556	3.07556	0.00270133	0.341352	-2.92953	0.554453	0.856366	-1.16773
cg03217572	EPHB6	0.00268743	0.0022951	0.512128	-1.95264	0.0516252	0.706232	-1.41596	0.00409654	0.546211	-1.83079	0.766732	0.954365	-1.04782	0.407197	0.875358	-1.14239
cg08415172	EPHB6	0.00350702	0.000143744	0.25065	-3.98963	0.0618972	1.55906	1.55906	0.251625	0.776486	-1.28785	0.628827	0.902233	-1.10836	0.646145	1.10257	1.10257
cg04990850	EPHB6	0.0145274	0.114941	0.706001	-1.41643	0.430632	0.84927	-1.17748	0.112845	0.704325	-1.4198	0.46097	1.16467	1.16467	0.000490059	0.329825	-3.03191
cg15008984	EPHB6	0.0342908	0.00674242	0.167116	-5.98385	0.0391136	3.37385	3.37385	0.20058	1.99085	1.99085	0.911328	1.05838	1.05838	0.0938129	0.391223	-2.55609
cg12251828	EPHB6	0.0445495	0.00115293	0.150228	-6.65653	0.57718	0.799683	-1.2505	0.428801	0.725714	-1.37795	0.569397	0.795949	-1.25636	0.166685	0.556984	-1.79538

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01360628	0.00193669	0.145633	-6.86658	0.000134258	0.0546843	-18.2868	0.181676	0.53644	-1.86414	0.00515945	0.197432	-5.06503	12.9792	39.6667	2.71661	1
cg04515667	0.000204017	0.111047	-9.00522	0.00117519	0.186216	-5.37011	0.992076	0.9965	-1.00351	0.719421	1.13581	1.13581	12.0609	23.8056	1.75448	1
cg04238185	0.00850774	0.294467	-3.39596	6.35E-05	0.0686218	-14.5726	0.0518932	0.446955	-2.23736	0.273551	0.660456	-1.51411	9.53009	20.005	1.8659	1
cg01824625	0.00173185	0.148625	-6.72835	0.00394639	0.191244	-5.22893	0.0320668	0.342557	-2.91923	0.00846713	0.238355	-4.19542	7.39535	21.3167	2.56217	1
cg12584735	0.322885	0.767467	-1.30299	0.0166032	0.468489	-2.13452	0.204436	0.706739	-1.41495	0.450644	0.819369	-1.22045	7.19733	7.65785	0.945764	1
cg08670922	0.113823	0.370831	-2.69665	0.0189697	0.194349	-5.1454	0.0362348	0.245572	-4.07213	0.43641	0.632655	-1.58064	5.59248	29.4507	4.681	1
cg18195656	0.00149273	0.241147	-4.14685	0.0130934	0.384498	-2.60079	0.905922	0.963946	-1.0374	0.124822	0.596869	-1.67541	4.37218	6.67977	1.35803	1
cg16797972	0.0704532	0.108159	-9.24567	0.00280266	0.0107757	-92.8012	0.539374	0.504809	-1.98095	0.067361	0.104882	-9.53453	4.22363	80.9496	17.0364	1
cg22288690	0.209904	1.3719	1.3719	0.429758	1.21272	1.21272	0.198816	1.3839	1.3839	0.332617	1.27018	1.27018	3.8228	3.46668	0.806083	1
cg13587495	0.00997783	0.450806	-2.21825	0.0769448	0.61778	-1.6187	0.241163	0.740485	-1.35047	0.117261	0.659265	-1.51684	3.79617	3.6051	0.844149	1
cg12351073	0.993713	0.998534	-1.00147	0.0173307	1.71541	1.71541	0.110217	1.38285	1.38285	0.659573	0.920771	-1.08605	3.74167	2.05469	0.488121	1
cg09004195	0.000141231	0.392728	-2.54629	0.00204517	0.538766	-1.85609	0.596068	1.0791	1.0791	0.00406152	0.577542	-1.73147	18.3741	5.89345	0.285109	1
cg25272554	0.253742	0.924189	-1.08203	0.00011398	0.63889	-1.56522	0.00225516	1.32679	1.32679	0.170827	1.10127	1.10127	12.2627	0.84976	0.0615969	1
cg10517814	0.00230771	1.52309	1.52309	0.296873	0.898644	-1.11279	0.0069601	0.70823	-1.41197	0.299053	0.899109	-1.11221	6.91879	1.06988	0.137452	1
cg05499262	0.211908	0.559591	-1.78702	0.000297278	0.074282	-13.4622	0.772888	1.13627	1.13627	0.294278	1.61647	1.61647	4.80368	14.8285	2.74392	1
cg13231700	0.556532	0.838359	-1.19281	0.546497	0.834503	-1.19832	0.167674	0.646631	-1.54648	0.21994	1.46579	1.46579	3.55062	4.94247	1.23734	1
cg18527574	0.0787172	6.81963	6.81963	0.00435329	42.3363	42.3363	0.0277102	12.9189	12.9189	0.138298	4.8016	4.8016	3.46913	53.1129	13.609	1
cg17846785	0.228736	0.532562	-1.87772	0.926057	1.04739	1.04739	0.776179	1.15278	1.15278	0.909475	1.05837	1.05837	3.44656	13.5802	3.50241	1
cg08965464	0.347376	0.891911	-1.12119	0.000344802	0.506138	-1.97574	0.316821	1.13014	1.13014	0.852075	1.02231	1.02231	5.51963	1.22181	0.196763	1
cg19410532	?	?	?	0.167286	0.911641	-1.09692	0.057288	0.868589	-1.15129	0.000442334	1.59841	1.59841	108.208	3.16803	0.0292771	1
cg18420965	1.07E-05	12.3047	12.3047	0.00112299	0.277776	-3.60002	0.417258	0.801396	-1.24782	0.035952	1.9187	1.9187	18.0581	20.3993	1.00413	1
cg23842170	0.0469302	2.03121	2.03121	0.0579737	0.512865	-1.94983	0.0424448	2.07108	2.07108	0.0118037	2.66363	2.66363	14.6235	22.483	1.36663	1
cg14810013	0.762074	0.976496	-1.02407	0.658358	0.965744	-1.03547	0.238189	1.10161	1.10161	0.993421	0.999354	-1.00065	9.06275	0.880639	0.0863744	1
cg01694632	0.187091	0.634557	-1.5759	0.000787666	5.20975	5.20975	0.0086397	2.97136	2.97136	0.885094	0.954054	-1.04816	8.33956	13.9741	1.48945	1
cg10334354	0.000101034	2.28556	2.28556	0.393091	1.11065	1.11065	0.526067	1.08011	1.08011	0.136332	1.21231	1.21231	8.09332	1.84449	0.202581	1
cg06622379	0.407097	1.13796	1.13796	0.0312589	0.680364	-1.4698	0.299169	1.1782	1.1782	0.000558746	2.2608	2.2608	6.01713	2.21327	0.326959	1
cg14386496	0.0452811	0.307274	-3.25443	0.0708872	2.82038	2.82038	0.657412	1.25776	1.25776	0.228967	0.522736	-1.91301	5.72511	23.9374	3.71656	1
cg01101647	0.0131515	4.0586	4.0586	0.00823089	0.21023	-4.75671	0.225132	1.7234	1.7234	0.00990785	4.46281	4.46281	6.98606	14.436	1.7712	1
cg02463418	0.26679	1.32116	1.32116	0.0290821	0.538382	-1.85742	0.107709	1.52586	1.52586	0.00526192	2.42497	2.42497	6.93559	6.36518	0.815784	1
cg11410023	0.418873	1.22007	1.22007	0.00134419	0.325674	-3.07056	0.000396733	3.88854	3.88854	0.0938111	1.55849	1.55849	15.524	14.2575	0.816369	1
cg10359143	0.00231855	0.28578	-3.49919	0.00015407	0.148185	-6.7483	0.845547	0.944201	-1.0591	0.00167981	0.266555	-3.75158	10.8691	14.919	1.2201	1
cg09301294	0.721933	1.06475	1.06475	0.000390114	0.370573	-2.69852	0.00113365	2.31835	2.31835	0.182418	1.28205	1.28205	10.4771	5.11555	0.434007	1
cg27209108	0.0400074	0.744584	-1.34303	0.10735	1.24406	1.24406	0.641421	1.06001	1.06001	0.339545	1.13011	1.13011	9.9063	2.42244	0.217365	1
cg15405439	0.945274	1.01134	1.01134	0.884727	1.02411	1.02411	0.000137787	2.95195	2.95195	0.391505	1.1551	1.1551	9.15784	3.91206	0.379717	1
cg00652796	0.0523343	1.29625	1.29625	0.0245937	0.729941	-1.36997	0.454495	1.09372	1.09372	0.000459966	1.91249	1.91249	8.35193	1.82886	0.194644	1
cg19963231	0.0496275	0.310936	-3.2161	0.0011314	0.0821999	-12.1655	0.220766	0.510983	-1.95701	0.0179445	0.223117	-4.48195	8.34893	35.9711	3.82975	1
cg11197061	0.476555	1.30857	1.30857	0.0410243	0.416415	-2.40145	0.00363733	4.31363	4.31363	0.96248	0.982674	-1.01763	7.78387	15.127	1.94338	1
cg09549067	0.470761	1.13014	1.13014	0.299426	1.19641	1.19641	0.695607	1.06776	1.06776	0.413429	1.14961	1.14961	7.26658	3.19984	0.391422	1
cg01556799	0.61753	0.855166	-1.16936	0.504328	1.23464	1.23464	0.0136547	2.66375	2.66375	0.180294	0.640343	-1.56166	7.74276	11.5659	1.16183	1
cg11980016	0.169972	0.801498	-1.24766	0.0107357	0.615499	-1.6247	0.244963	1.20215	1.20215	0.196207	1.22984	1.22984	4.36468	1.58419	0.322628	1
cg08708747	0.0157211	0.657292	-1.52139	0.0564553	0.736281	-1.35818	0.605872	1.07657	1.07657	0.0753671	1.32398	1.32398	4.24225	1.35012	0.282893	1
cg24337235	0.367995	0.735969	-1.35875	0.0425564	0.461081	-2.16882	0.0981605	0.548034	-1.82471	0.0816261	0.527383	-1.89615	4.1459	7.21716	1.54737	1
cg05455279	0.232012	0.658943	-1.51758	0.0647808	0.501475	-1.99412	0.235294	0.661053	-1.51274	0.0124129	0.355041	-2.81657	4.03497	7.07648	1.55892	1
cg22073258	0.26775	0.823883	-1.21376	0.0102139	1.72188	1.72188	0.0397913	1.49012	1.49012	0.0168633	0.61309	-1.63108	6.50345	2.90039	0.396424	1
cg17995911	0.224784	0.753711	-1.32677	0.0588814	1.60498	1.60498	0.368516	0.814795	-1.2273	0.0278912	0.562036	-1.77924	4.69766	3.6586	0.692278	1
cg06102612	0.061676	1.21359	1.21359	0.0045389	1.41589	1.41589	0.13208	1.16125	1.16125	0.180021	0.877252	-1.13992	18.8994	2.53229	0.1191	1
cg08001895	0.000260231	0.139158	-7.18609	0.404278	0.772184	-1.29503	0.210259	0.669115	-1.49451	0.395759	1.30149	1.30149	22.1153	27.7771	1.09901	1
cg11569979	0.133276	0.785027	-1.27384	0.00534538	0.577907	-1.73038	0.674006	0.938729	-1.06527	0.0744752	0.743056	-1.34579	16.732	5.91859	0.314426	1
cg13652557	0.892032	1.02339	1.02339	0.988329	0.997513	-1.00249	0.0781925	0.716686	-1.39531	0.915383	1.01826	1.01826	11.4438	5.25255	0.407989	1
cg27248041	0.208546	0.741208	-1.34915	0.569495	1.13866	1.13866	0.975777	1.00688	1.00688	0.201295	0.737241	-1.35641	10.7783	8.7102	0.718332	1
cg06740629	0.313239	0.788718	-1.26788	0.904185	1.02778	1.02778	0.999312	1.0002	1.0002	0.424916	0.830754	-1.20373	9.29097	7.61924	0.728951	1
cg19504032	0.241001	0.858096	-1.16537	4.89E-05	0.386132	-2.58979	0.426063	1.10665	1.10665	0.19008	1.1889	1.1889	8.3256	2.04985	0.218854	1
cg08734918	0.145569	1.17795	1.17795	0.663175	1.047	1.047	0.218688	1.14521	1.14521	0.00599191	1.45708	1.45708	8.30031	1.44389	0.154628	1
cg20648899	0.336385	0.583914	-1.71258	0.0199217	0.217603	-4.59552	0.0218383	0.224558	-4.4532	0.036543	0.267445	-3.73908	7.86962	36.7175	4.14731	1
cg00044245	0.00768059	0.79107	-1.26411	0.989045	0.999061	-1.00094	0.452271	1.05378	1.05378	0.143301	1.1136	1.1136	7.64343	0.566567	0.0658886	1
cg21552709	0.708303	1.16604	1.16604	0.000557344	0.112075	-8.92262	0.0875844	2.1614	2.1614	0.650506	1.20493	1.20493	4.95735	13.1162	2.35183	1
cg02168857	0.141477	1.38221	1.38221	0.783988	1.05787	1.05787	0.362246	1.21132	1.21132	0.247568	1.28081	1.28081	3.8189	2.53487	0.590016	1
cg06590513	0.873004	0.965023	-1.03624	0.820459	0.950664	-1.0519	0.585577	0.884666	-1.13037	0.470772	1.17738	1.17738	3.71243	2.91262	0.697385	1
cg05427966	0.722799	0.897744	-1.1139	0.00238131	0.277278	-3.60649	0.283498	0.713568	-1.40141	0.760211	0.911455	-1.09715	3.6516	5.30494	1.29135	1
cg17740093	0.098873	1.50811	1.50811	0.000312162	0.265161	-3.7713	0.000116159	0.215731	-4.6354	0.000437077	0.283136	-3.53188	23.2753	19.0045	0.725783	1
cg01486686	0.00101768	0.419312	-2.38486	0.000423914	0.369392	-2.70715	0.026755	0.626179	-1.59699	0.324614	0.834064	-1.19895	19.7097	9.93203	0.447926	1
cg22493620	0.735077	0.914064	-1.09402	0.00203342	0.31635	-3.16106	0.00145098	0.296048	-3.37783	0.000160049	0.181518	-5.50909	12.1153	13.4305	0.985382	1
cg23802451	0.316136	0.698424	-1.4318	2.09E-05	0.0512048	-19.5294	0.235859	0.650371	-1.53758	0.319144	0.700083	-1.4284	11.363	21.5848	1.68851	1
cg04260293	0.141001	0.713859	-1.40084	8.25E-05	0.220926	-4.52641	0.00161888	0.382122	-2.61697	0.0301225	0.581041	-1.72105	10.4256	7.48382	0.638073	1
cg24143129	0.0603438	0.536362	-1.86441	0.0147633	0.413801	-2.41662	0.0467534	0.511936	-1.95337	0.578245	0.847758	-1.17958	9.95101	13.6303	1.21755	1
cg11225745	0.735953	1.0649	1.0649	0.00672314	1.92123	1.92123	0.000192749	0.311511	-3.21016	0.105159	0.719678	-1.38951	8.90986	4.87089	0.485943	1
cg18891953	0.0692791	0.514584	-1.94332	0.000266377	0.141303	-7.07697	0.0117494	0.357394	-2.79803	0.0858745	0.537662	-1.8599	7.71091	13.0518	1.50457	1
cg06824294	0.0232169	0.449343	-2.22547	0.0677729	0.547048	-1.82799	0.000159615	0.149219	-6.70154	0.118248	0.6065	-1.6488	6.29227	8.66235	1.2237	1
cg09940915	0.014483	0.624008	-1.60254	0.0374082	0.685175	-1.45948	0.0250365	1.51789	1.51789	0.0103622	0.603235	-1.65773	6.12771	2.37806	0.344963	1
cg15597364	0.528343	0.753444	-1.32724	0.00166589	0.136277	-7.33798	0.108834	0.460706	-2.17058	0.478245	0.726511	-1.37644	5.64942	17.5718	2.76478	1
cg22039566	0.0964693	0.569557	-1.75575	0.788569	0.920441	-1.08644	0.00923223	0.36088	-2.771	0.233985	0.680566	-1.46937	4.53349	6.83054	1.33927	1
cg10948827	0.937083	0.979041	-1.02141	0.0155609	0.451133	-2.21664	0.48211	0.825566	-1.21129	0.0413421	0.531869	-1.88016	3.82672	4.36291	1.01344	1
cg20991983	0.02024	0.19325	-5.17464	0.0578162	0.283869	-3.52275	0.0060651	0.121971	-8.19866	0.533532	0.69058	-1.44806	3.42286	18.6856	4.85248	1
cg08655148	0.147192	0.815538	-1.22618	0.219055	0.844136	-1.18464	0.472143	0.908582	-1.10062	0.0252519	0.705553	-1.41733	31.45	8.55947	0.241921	1
cg05062491	0.00607028	0.406581	-2.45953	1.36E-05	0.101706	-9.83225	0.000143528	0.192866	-5.18496	0.0016785	0.323612	-3.09012	19.2161	19.1999	0.88814	1
cg09028365	0.113058	0.66922	-1.49428	2.46E-05	0.141717	-7.05632	5.40E-05	0.173201	-5.77363	0.645935	0.89787	-1.11375	15.4358	13.2589	0.763529	1
cg23242509	0.416069	1.10399	1.10399	0.0131609	1.44178	1.44178	0.583173	1.06818	1.06818	0.233587	1.16025	1.16025	7.61592	1.7086	0.199418	1
cg11801107	0.0848316	1.32263	1.32263	0.00435419	0.571814	-1.74882	0.0387613	1.42068	1.42068	0.077807	1.33317	1.33317	6.52597	2.22503	0.303067	1
cg18232871	0.406364	1.10393	1.10393	0.137121	1.20489	1.20489	0.00133549	1.7209	1.7209	0.00290476	1.61029	1.61029	6.08107	1.30492	0.190743	1
cg00165619	0.993957	1.00129	1.00129	0.000371874	2.63758	2.63758	0.862177	0.97084	-1.03004	0.615844	1.08998	1.08998	5.22739	2.40129	0.408327	1
cg10838091	0.24671	0.745172	-1.34197	0.0121483	0.468125	-2.13618	0.00097131	3.29375	3.29375	0.595221	0.877913	-1.13907	4.99929	4.66872	0.830113	1
cg05941864	0.895625	0.969807	-1.03113	0.812601	0.946036	-1.05704	0.00766677	0.449107	-2.22664	0.0321344	1.79727	1.79727	4.99055	4.31245	0.768108	1
cg12596914	0.0545521	0.369351	-2.70745	0.0358661	0.32792	-3.04952	0.0183218	0.27052	-3.69659	0.0817496	0.414399	-2.41313	4.28059	14.1393	2.93611	1
cg02484391	0.0936248	0.234347	-4.26718	0.00613965	0.0599905	-16.6693	0.0155875	0.0969343	-10.3163	0.10509	0.24818	-4.02934	3.65664	35.8617	8.71758	1
cg26811927	0.791641	1.06002	1.06002	0.00538094	2.24053	2.24053	0.559416	0.87815	-1.13876	0.0139098	0.512275	-1.95208	3.41425	2.6204	0.682212	1
cg16448847	0.746233	0.887364	-1.12693	0.703788	1.15095	1.15095	0.754387	1.12244	1.12244	0.414679	0.735752	-1.35915	12.0319	25.8104	1.9068	1
cg15000071	0.321399	1.1879	1.1879	0.00074159	0.422742	-2.36551	0.111665	1.33803	1.33803	0.00139452	0.459162	-2.17788	11.0962	4.96474	0.397714	1
cg01363198	0.00211788	0.286508	-3.4903	0.000450487	0.2018	-4.95541	0.0921477	0.584876	-1.70976	0.00506617	0.342284	-2.92155	10.5052	13.9268	1.17841	1
cg04513861	0.00483293	0.39521	-2.5303	0.00563034	0.405546	-2.46581	0.00592215	2.44499	2.44499	0.0825084	0.620244	-1.61227	8.26781	8.07705	0.86838	1
cg04891921	0.818211	1.0156	1.0156	0.000212653	0.6596	-1.51607	0.635697	0.968419	-1.03261	0.0771109	1.14131	1.14131	7.68378	0.55032	0.0636631	1
cg03627881	0.0204712	0.250604	-3.99035	0.0136768	0.220664	-4.53178	0.00450281	0.153153	-6.52944	0.0662068	0.360197	-2.77626	6.91511	26.8942	3.45706	1
cg13488725	0.0165242	2.29508	2.29508	0.000679707	4.36276	4.36276	0.00639599	2.73604	2.73604	0.644252	0.876419	-1.14101	5.89892	7.51881	1.13299	1
cg19497640	0.875045	0.936517	-1.06779	0.324943	1.52752	1.52752	0.141392	1.9331	1.9331	0.0800361	0.445095	-2.24671	5.4475	14.9863	2.44537	1
cg07049323	0.286619	1.16692	1.16692	0.512713	1.09705	1.09705	0.0519792	1.36131	1.36131	0.109738	0.784082	-1.27538	4.41643	1.36135	0.273997	1
cg15924691	0.0618387	0.308803	-3.23831	0.006448	0.13816	-7.23798	0.796861	0.865776	-1.15503	0.12272	0.392807	-2.54578	4.20384	20.7854	4.395	1
cg07149179	0.0114122	0.325338	-3.07372	0.11128	0.540529	-1.85004	0.710516	0.876148	-1.14136	0.00809373	0.300396	-3.32894	3.79434	7.55828	1.77066	1
cg20109001	0.060106	0.601224	-1.66327	0.0783305	0.625506	-1.59871	0.72263	1.08927	1.08927	0.173313	0.70638	-1.41567	3.52712	3.21531	0.810308	1
cg01915994	0.0313845	0.820132	-1.21932	0.00136967	0.694345	-1.44021	0.126472	1.13865	1.13865	0.559557	1.04743	1.04743	9.36889	0.91535	0.0868453	1
cg01970575	0.00331092	0.66021	-1.51467	2.61E-06	0.308347	-3.2431	0.656397	1.04757	1.04757	0.359992	0.906939	-1.10261	18.3514	3.13104	0.151658	1
cg00396230	0.859021	1.04439	1.04439	0.000367247	0.248105	-4.03055	0.0914844	1.57463	1.57463	0.0220013	1.9565	1.9565	7.69343	7.27255	0.840261	1
cg16002659	0.609644	1.0444	1.0444	0.0465917	0.825089	-1.21199	0.214231	1.11664	1.11664	0.00134653	1.48131	1.48131	7.64303	0.861596	0.100204	1
cg26255052	0.00151599	1.91854	1.91854	0.00405699	0.576746	-1.73387	0.652294	0.937352	-1.06684	0.0460935	1.38543	1.38543	7.00661	2.25776	0.28643	1
cg12046053	0.00733581	0.505946	-1.9765	0.580781	0.895876	-1.11623	0.0166227	0.56185	-1.77983	0.00890822	0.518918	-1.92709	6.61761	4.07259	0.547037	1
cg20149170	0.034327	0.224592	-4.45253	0.00188699	0.0696119	-14.3654	0.006502	0.117698	-8.49634	0.0747698	0.300996	-3.3223	6.12124	35.4782	5.15192	1
cg00323313	0.238076	0.807714	-1.23806	0.0025062	0.484089	-2.06574	0.0616893	0.695126	-1.43859	0.063257	0.697003	-1.43471	5.86545	2.7738	0.42036	1
cg00831127	0.0826027	0.283723	-3.52456	0.00641217	0.0979007	-10.2144	0.00146205	0.0492359	-20.3104	0.0712014	0.266985	-3.74553	5.66225	38.5071	6.04503	1
cg27573841	0.00197142	3.14343	3.14343	0.93889	0.980118	-1.02028	0.120474	1.55443	1.55443	0.028421	1.96886	1.96886	4.21324	4.57743	0.965724	1
cg05228361	0.292916	1.16586	1.16586	0.00127698	1.93615	1.93615	0.737757	1.0484	1.0484	0.770974	1.04191	1.04191	4.15	1.30011	0.27847	1
cg07952381	0.12334	0.294701	-3.39328	0.0143734	0.109838	-9.10428	0.0361646	0.168079	-5.94957	0.0342062	0.163869	-6.10242	3.90516	33.1376	7.54274	1
cg09463984	0.100878	0.698179	-1.4323	0.298313	1.24056	1.24056	0.733395	0.933922	-1.07075	0.209197	0.767458	-1.303	3.60522	2.28287	0.562854	1
cg04099056	0.866299	1.01923	1.01923	0.0398253	0.764465	-1.3081	0.0627209	0.789235	-1.26705	0.0215268	0.731951	-1.36621	3.6019	0.728688	0.179828	1
cg00701493	0.558109	1.05737	1.05737	0.000831608	0.622597	-1.60617	0.00788804	0.725429	-1.3785	0.193575	1.13833	1.13833	23.2579	3.26748	0.124879	1
cg06577604	0.306746	1.07517	1.07517	6.29E-05	0.603631	-1.65664	0.956972	1.0037	1.0037	0.425861	1.05728	1.05728	9.83358	0.730745	0.0660543	1
cg13063405	0.000388311	0.239107	-4.18223	0.000346917	0.233324	-4.28588	0.0821617	1.62749	1.62749	0.949939	0.984247	-1.01601	9.52859	9.65201	0.900402	1
cg15334250	0.587677	1.14141	1.14141	0.307853	0.774901	-1.29049	0.241091	1.34513	1.34513	0.131555	0.674823	-1.48187	8.59022	7.94151	0.821762	1
cg13748287	0.000384666	0.247416	-4.04178	0.00165455	0.329588	-3.03409	0.0871585	1.59299	1.59299	0.677285	0.901974	-1.10868	8.39948	8.08383	0.855485	1
cg10769844	0.938152	1.01282	1.01282	0.00011813	3.02152	3.02152	0.149313	0.775904	-1.28882	0.198111	0.799955	-1.25007	7.01157	2.99019	0.37908	1
cg15687780	0.0121729	0.662348	-1.50978	0.423912	0.897912	-1.1137	0.382683	0.888662	-1.12529	0.280703	0.862568	-1.15933	6.55699	1.80539	0.244745	1
cg11148533	0.000283234	0.270083	-3.70257	0.247815	0.765946	-1.30557	0.132687	0.699041	-1.43053	0.00708556	0.463995	-2.1552	5.85279	4.51462	0.685656	1
cg10176160	0.30509	0.798422	-1.25247	0.0435951	1.63529	1.63529	0.234549	1.3023	1.3023	0.697779	0.920611	-1.08623	5.00213	3.5597	0.632567	1
cg17292583	0.00274481	0.247297	-4.04372	0.343313	0.718923	-1.39097	0.751369	1.11343	1.11343	0.824423	1.078	1.078	3.7221	6.73589	1.60862	1
cg27257822	0.0317646	0.456002	-2.19297	0.00793038	0.34572	-2.89252	0.242362	1.46479	1.46479	0.652727	0.868223	-1.15178	3.63023	5.59555	1.37011	1
cg22841258	0.522566	0.853115	-1.17217	0.0105241	2.20135	2.20135	0.861858	0.958203	-1.04362	0.258994	1.33468	1.33468	10.6395	10.1262	0.846	1
cg16382256	0.0586584	0.53725	-1.86133	0.308118	1.35915	1.35915	0.691974	1.12281	1.12281	0.895639	1.03891	1.03891	4.53389	5.40076	1.1912	1
cg18563348	0.0787486	0.741227	-1.34912	0.0128513	0.622597	-1.60618	0.606708	0.923446	-1.0829	0.0873719	0.748662	-1.33572	27.7524	10.34	0.331183	1
cg03098644	0.96939	0.991802	-1.00827	0.57558	0.885734	-1.12901	0.617417	1.11408	1.11408	0.0714177	1.54019	1.54019	15.5503	11.3336	0.647853	1
cg22644163	0.54683	0.850636	-1.17559	0.0382523	1.89104	1.89104	0.274749	0.739712	-1.35188	0.677796	1.11723	1.11723	14.6426	16.3241	0.990965	1
cg17923316	0.540016	0.92058	-1.08627	0.00334638	1.70332	1.70332	0.424692	0.896959	-1.11488	0.216613	1.18937	1.18937	13.1136	3.69516	0.250472	1
cg21467197	3.91E-05	0.389862	-2.56501	0.0434699	1.32014	1.32014	0.373402	0.896464	-1.11549	0.735949	1.04132	1.04132	9.28894	2.10485	0.20142	1
cg17385469	0.0242578	0.472755	-2.11526	0.396106	0.784737	-1.27431	0.321363	0.751426	-1.3308	0.41369	0.792077	-1.2625	9.25864	11.4095	1.09538	1
cg21129976	0.618949	0.746127	-1.34025	0.599407	1.36286	1.36286	0.437178	0.629417	-1.58877	0.600246	1.36188	1.36188	5.29089	28.59	4.80323	1
cg04483469	0.497741	1.1412	1.1412	0.103345	0.710464	-1.40753	0.343208	0.829144	-1.20606	0.413307	1.17407	1.17407	4.86045	2.83405	0.518297	1
cg22493616	0.0754266	0.537595	-1.86014	0.0786997	0.542088	-1.84472	0.212916	0.66276	-1.50884	0.0127292	0.378818	-2.63979	4.40203	6.85525	1.38426	1
cg10075906	0.085208	0.707857	-1.41271	0.632724	0.916295	-1.09135	0.748272	1.0602	1.0602	0.00875887	0.545398	-1.83352	3.45989	1.80636	0.464076	1
cg16914425	0.367446	1.1843	1.1843	0.0486681	1.50895	1.50895	0.0443614	0.655783	-1.5249	0.0357837	0.639975	-1.56256	14.5779	7.70686	0.469928	1
cg04424060	0.389126	0.844603	-1.18399	0.135383	0.734925	-1.36068	0.0114727	0.545949	-1.83167	0.00688004	0.51192	-1.95343	12.5893	7.30125	0.515516	1
cg08882216	0.165119	0.681144	-1.46812	0.00649808	2.50263	2.50263	0.0994145	0.626025	-1.59738	0.00152484	0.306214	-3.26569	11.2604	11.9939	0.946786	1
cg03217572	0.560477	0.91172	-1.09683	0.00682544	1.73366	1.73366	0.868848	1.02629	1.02629	0.000761258	0.448878	-2.22778	8.84157	3.4521	0.347057	1
cg08415172	0.269119	1.27519	1.27519	0.0165794	1.85541	1.85541	0.169371	0.734015	-1.36237	0.180407	0.740489	-1.35046	8.16891	5.77213	0.628087	1
cg04990850	0.0469883	0.630165	-1.58689	0.109505	0.701603	-1.42531	0.215707	0.767484	-1.30296	0.0120211	0.529289	-1.88933	5.23575	3.42049	0.580706	1
cg15008984	0.839174	0.901676	-1.10905	0.867093	1.08905	1.08905	0.0251331	0.257531	-3.88302	0.456815	0.679793	-1.47104	3.89585	16.0062	3.65202	1
cg12251828	0.152683	0.544469	-1.83665	0.197009	1.71831	1.71831	0.463059	0.743441	-1.3451	0.177189	0.565937	-1.76698	3.53882	8.8291	2.21771	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03386508	EPHB6	0.04792	0.736405	1.04036	1.04036	0.00717906	1.50146	1.50146	0.437666	1.09715	1.09715	0.163698	0.84025	-1.19012	0.775734	1.03401	1.03401
cg07017994	EPHB6;EPHB6	0.0347503	0.00382248	0.255872	-3.9082	0.335768	1.41472	1.41472	0.637235	1.18061	1.18061	0.0426737	0.442368	-2.26056	0.391307	1.35934	1.35934
cg21826272	EPHX1	0.00812802	0.120402	0.785274	-1.27344	0.0718175	0.74946	-1.33429	0.026397	0.685378	-1.45905	0.335014	1.15334	1.15334	0.43362	1.12148	1.12148
cg24350360	EPHX1	0.0161017	0.678428	0.947436	-1.05548	0.0131826	0.67167	-1.48883	0.0463108	1.34396	1.34396	0.802318	1.03302	1.03302	0.6537	0.943194	-1.06023
cg05385434	EPHX1	0.030996	0.144877	2.46845	2.46845	0.00380591	9.5093	9.5093	0.00628621	7.80082	7.80082	0.338586	1.76698	1.76698	0.93074	1.05145	1.05145
cg00396625	EPHX1;EPHX1	0.000431011	0.0231202	0.684758	-1.46037	0.201286	0.828474	-1.20704	0.0018268	0.53927	-1.85436	1.78E-05	0.294259	-3.39836	0.000998152	0.505862	-1.97682
cg03337430	EPHX1;EPHX1	0.000945888	0.108728	0.66796	-1.49709	0.00443436	0.416525	-2.40082	0.0625043	0.616586	-1.62183	0.614661	0.889506	-1.12422	3.59E-05	0.159168	-6.28267
cg23992403	EPHX1;EPHX1	0.0044025	0.203386	0.650732	-1.53673	0.0395106	0.466703	-2.14269	0.979759	0.991914	-1.00815	0.300761	1.40936	1.40936	0.000161078	0.127179	-7.86293
cg25004581	EPHX1;EPHX1	0.0162208	0.0180834	1.96667	1.96667	0.220821	1.35419	1.35419	0.829977	1.05196	1.05196	0.965297	1.0103	1.0103	0.109813	1.50775	1.50775
cg24928687	EPHX1;EPHX1	0.0260963	0.0383791	0.634434	-1.57621	0.0756896	1.45491	1.45491	0.0870126	0.698794	-1.43104	0.506054	0.87989	-1.13651	0.00919226	0.534082	-1.87237
cg23096144	EPHX1;EPHX1	0.0379948	0.0302802	0.506276	-1.97521	0.105529	0.623391	-1.60413	0.0139212	0.444011	-2.25219	0.220498	0.708754	-1.41093	0.00179737	0.305182	-3.27673
cg03459809	EPHX1;EPHX1;EPHX1	0.0226076	0.0158395	0.389853	-2.56507	0.0478643	0.486255	-2.05653	0.0108794	0.360933	-2.7706	0.13818	0.601222	-1.66328	0.00179626	0.242772	-4.11909
cg19513293	EPHX2	0.000205644	0.0298224	1.66058	1.66058	0.289492	0.804035	-1.24373	9.53E-06	0.150596	-6.64029	0.000735995	0.361524	-2.76607	0.0200055	0.572985	-1.74525
cg07766743	EPHX2	0.00887702	0.348607	0.741709	-1.34824	0.00655938	2.98435	2.98435	0.0412526	2.07314	2.07314	0.0656031	1.89614	1.89614	0.00169929	0.249563	-4.007
cg22099723	EPHX2	0.0301854	0.45366	0.731745	-1.3666	0.00193138	0.166061	-6.02187	0.00415767	0.20768	-4.81511	0.229243	0.596765	-1.6757	0.22564	0.594136	-1.68312
cg14717796	EPHX2;EPHX2	1.82E-06	0.0591843	0.716967	-1.39476	0.15576	1.2677	1.2677	5.50E-08	18.4273	18.4273	0.781352	0.957473	-1.04442	0.000248128	0.388772	-2.5722
cg21595709	EPHX3;EPHX3	0.00310135	0.0118568	5.74112	5.74112	0.0213068	4.66252	4.66252	0.0350936	3.91878	3.91878	0.0581522	3.29109	3.29109	0.00609028	7.331	7.331
cg18366919	EPHX3;EPHX3	0.00764169	0.0183398	10.4657	10.4657	0.0556773	5.92283	5.92283	0.107125	4.233	4.233	0.0681432	5.34268	5.34268	0.0128468	12.6129	12.6129
cg17399362	EPHX3;EPHX3	0.0292717	0.0723616	12.1793	12.1793	0.104193	9.15706	9.15706	0.0337158	22.0131	22.0131	0.100639	9.41083	9.41083	0.12376	7.98983	7.98983
cg24745495	EPHX3;EPHX3	0.0341513	0.0400552	8.01045	8.01045	0.0915595	5.09985	5.09985	0.0732975	5.76237	5.76237	0.117834	4.43394	4.43394	0.0520838	6.94304	6.94304
cg16184495	EPHX3;EPHX3	0.039701	0.0490554	10.2046	10.2046	0.0153524	21.6699	21.6699	0.124336	5.58611	5.58611	0.0894875	6.92775	6.92775	0.0399317	11.646	11.646
cg19744936	EPHX3;EPHX3	0.0418875	0.0547933	15.4853	15.4853	0.0320525	23.5499	23.5499	0.0540123	15.66	15.66	0.0803459	11.473	11.473	0.0281162	26.1023	26.1023
cg03562044	EPHX3;EPHX3	0.0453547	0.891018	0.87304	-1.14542	0.016125	18.463	18.463	0.126876	5.13077	5.13077	0.120447	5.30243	5.30243	0.169599	4.25908	4.25908
cg15826897	EPHX3;EPHX3	0.0465736	0.0432625	12.8117	12.8117	0.0318004	15.8064	15.8064	0.054609	10.9322	10.9322	0.11067	6.731	6.731	0.0507042	11.4989	11.4989
cg08457898	EPHX3;EPHX3;EPHX3	0.00538589	0.0237378	4.50318	4.50318	0.0131476	5.55133	5.55133	0.049752	3.48218	3.48218	0.0894775	2.8398	2.8398	0.0218421	4.63656	4.63656
cg18580265	EPHX3;EPHX3;EPHX3	0.0445849	0.0565878	2.59772	2.59772	0.123533	2.09152	2.09152	0.254072	1.69351	1.69351	0.126478	2.07763	2.07763	0.0103849	4.16882	4.16882
cg11585358	EPHX4	0.00413109	0.0167485	0.467035	-2.14117	0.000574461	0.249143	-4.01376	0.723561	0.911557	-1.09702	0.872602	1.04273	1.04273	0.00979156	0.426738	-2.34336
cg22694470	EPHX4	0.0239581	0.501263	1.07315	1.07315	0.00151408	1.6041	1.6041	0.116346	1.19303	1.19303	0.987728	0.99841	-1.00159	0.311415	0.897341	-1.1144
cg15156367	EPHX4	0.0265728	0.221411	0.628693	-1.5906	0.0327216	0.405667	-2.46507	0.112504	1.86614	1.86614	0.31913	1.4503	1.4503	0.022028	0.370946	-2.69581
cg00314240	EPHX4	0.0465034	0.00404861	0.543856	-1.83872	0.93741	1.01247	1.01247	0.0630275	1.39095	1.39095	0.493272	1.11605	1.11605	0.840756	1.03226	1.03226
cg05220968	EPM2A;EPM2A	0.000689168	0.000571973	0.170266	-5.87316	0.000213348	0.128337	-7.79196	0.000516072	0.165532	-6.04113	0.0281479	0.422904	-2.3646	0.000607947	0.173115	-5.77651
cg24315340	EPM2A;EPM2A	0.00138848	0.00119841	0.230571	-4.33707	0.00019704	0.14452	-6.91947	0.00358631	0.295448	-3.38469	0.565307	0.835541	-1.19683	0.000441253	0.179885	-5.55911
cg17971650	EPM2A;EPM2A	0.0104502	0.88096	1.02628	1.02628	0.93215	1.01485	1.01485	0.0633264	0.696589	-1.43557	0.0461436	0.673271	-1.48529	0.712973	1.06606	1.06606
cg12130692	EPM2A;EPM2A	0.0182272	0.00058184	0.477592	-2.09384	0.712545	0.949887	-1.05276	0.0911454	1.295	1.295	0.882053	0.979586	-1.02084	0.0453705	0.726953	-1.3756
cg21911930	EPM2A;EPM2A	0.0197005	0.0646796	0.540644	-1.84965	0.261405	0.706729	-1.41497	0.605997	0.8571	-1.16673	0.66076	1.13984	1.13984	0.0163572	0.419027	-2.38648
cg09472953	EPM2A;EPM2A;EPM2A;EPM2A	0.00278089	0.00202729	0.647008	-1.54557	0.00193307	1.55098	1.55098	0.780951	0.972499	-1.02828	0.0364944	0.78415	-1.27527	0.248373	0.886291	-1.1283
cg24607398	EPM2AIP1;MLH1	0.0451319	0.772048	0.900774	-1.11016	0.383986	0.725322	-1.3787	0.852188	1.06941	1.06941	0.370403	1.39223	1.39223	0.0408504	0.427744	-2.33784
cg11600697	EPM2AIP1;MLH1;MLH1;MLH1;MLH1	0.000189706	6.15E-05	0.762667	-1.31119	0.0382229	0.915732	-1.09202	0.350037	0.965359	-1.03588	0.864657	0.993767	-1.00627	0.000287276	0.80498	-1.24227
cg16433211	EPM2AIP1;MLH1;MLH1;MLH1;MLH1;EPM2AIP1	0.000671942	0.000134953	0.241042	-4.14866	0.122944	1.39342	1.39342	0.0816936	1.46872	1.46872	0.400049	0.844089	-1.18471	4.73E-05	0.187152	-5.34326
cg27586588	EPM2AIP1;MLH1;MLH1;MLH1;MLH1;EPM2AIP1	0.0046852	0.000567197	0.514146	-1.94497	0.144947	0.822826	-1.21532	0.567378	1.07467	1.07467	0.272218	1.153	1.153	0.371974	1.12096	1.12096
cg03192963	EPM2AIP1;MLH1;MLH1;MLH1;MLH1;MLH1	0.0384451	0.000667136	0.455845	-2.19373	0.562287	0.915415	-1.0924	0.820836	0.966361	-1.03481	0.911805	0.983425	-1.01685	0.492268	1.11094	1.11094
cg10802291	EPN1;EPN1;EPN1	2.83E-05	0.515337	1.16027	1.16027	0.128678	1.4478	1.4478	0.65733	0.904285	-1.10585	0.822417	0.950604	-1.05196	0.000740938	0.315202	-3.17257
cg08512876	EPN1;EPN1;EPN1	0.000102755	9.25E-05	0.226532	-4.41438	0.0184312	1.83753	1.83753	0.694651	0.919472	-1.08758	0.116634	1.43735	1.43735	5.38E-05	0.201295	-4.96784
cg19437852	EPN1;EPN1;EPN1	0.000709688	0.000373582	0.410064	-2.43864	0.000721292	2.23873	2.23873	0.661056	0.933221	-1.07156	0.532091	1.10422	1.10422	0.000947974	0.462116	-2.16396
cg19503826	EPN1;EPN1;EPN1	0.000926052	0.000217127	0.213167	-4.69116	0.448879	1.21332	1.21332	0.0031461	2.7492	2.7492	0.0980818	1.57561	1.57561	0.00810893	0.427693	-2.33812
cg10801421	EPN1;EPN1;EPN1	0.00226461	0.945596	0.974028	-1.02666	0.000222566	0.0755146	-13.2425	0.000720986	0.119075	-8.39809	0.00467375	0.218905	-4.5682	0.0731935	0.456711	-2.18957
cg14283480	EPN1;EPN1;EPN1	0.0023796	0.000534428	0.154898	-6.45587	0.0190312	0.374426	-2.67075	0.0689942	0.494516	-2.02218	0.137996	0.575393	-1.73794	0.0114397	0.334494	-2.98959
cg27573549	EPN1;EPN1;EPN1	0.00367025	0.555828	1.15484	1.15484	0.628363	1.12508	1.12508	0.0025622	0.363991	-2.74732	0.520256	0.854295	-1.17056	0.734263	0.920969	-1.08581
cg19648552	EPN1;EPN1;EPN1	0.00805854	0.014876	3.54531	3.54531	0.00735008	4.305	4.305	0.259056	1.6446	1.6446	0.0999458	2.1418	2.1418	0.161618	1.88044	1.88044
cg08181534	EPN1;EPN1;EPN1	0.0379737	0.559097	0.949889	-1.05275	0.351912	1.08694	1.08694	0.0104354	1.32392	1.32392	0.3471	0.919198	-1.0879	0.277986	1.10316	1.10316
cg24028141	EPN2;EPN2;EPN2	0.00133094	0.00684605	1.77663	1.77663	0.00552729	1.81911	1.81911	0.0135111	0.605519	-1.65148	0.540101	0.903229	-1.10714	0.594589	0.91563	-1.09214
cg17742418	EPN2;EPN2;EPN2	0.0032643	0.0168004	2.50527	2.50527	0.000467021	5.64973	5.64973	0.839821	1.06577	1.06577	0.449439	1.27454	1.27454	0.584345	1.18991	1.18991
cg04214305	EPN2;EPN2;EPN2	0.00582981	0.734003	1.05997	1.05997	9.64E-05	3.26925	3.26925	0.709186	1.06606	1.06606	0.851126	1.0326	1.0326	0.647738	0.924451	-1.08172
cg23267110	EPN2;EPN2;EPN2	0.011333	0.699186	0.905089	-1.10486	0.179807	0.664715	-1.5044	0.208238	0.68752	-1.4545	0.0220147	2.79242	2.79242	0.240169	0.710038	-1.40838
cg02622209	EPN2;EPN2;EPN2	0.0249331	0.0890883	1.54264	1.54264	0.0334261	1.77639	1.77639	0.00374113	2.47202	2.47202	0.0651361	1.61402	1.61402	0.654181	1.10987	1.10987
cg23046475	EPN2;EPN2;EPN2	0.0331364	0.250746	1.11898	1.11898	0.00814303	0.72812	-1.3734	0.158187	1.1518	1.1518	0.247573	1.11991	1.11991	0.369574	0.9173	-1.09016
cg03128972	EPN2;EPN2;EPN2	0.0473141	0.573628	0.79793	-1.25324	0.11998	0.511871	-1.95362	0.319005	0.664403	-1.50511	0.529233	1.28796	1.28796	0.0199392	0.327812	-3.05052
cg04267101	EPN3	0.000904755	0.0190949	1.62338	1.62338	0.84673	1.03361	1.03361	0.802296	0.958055	-1.04378	0.430582	1.1473	1.1473	4.62E-05	0.268701	-3.7216
cg07704437	EPN3	0.0065089	0.137491	0.764214	-1.30853	0.00119513	2.22173	2.22173	0.937938	0.986994	-1.01318	0.260079	0.820784	-1.21835	0.0228167	0.632549	-1.58091
cg09827751	EPN3	0.00728805	0.449631	0.85434	-1.17049	0.150162	1.37054	1.37054	0.155437	0.732993	-1.36427	0.149276	0.729067	-1.37162	0.542224	0.881559	-1.13435
cg06900494	EPN3	0.0200502	0.00355445	0.181424	-5.51197	0.147944	0.511367	-1.95554	0.0477132	0.375955	-2.65989	0.160733	0.523421	-1.91051	0.00421889	0.191012	-5.23528
cg19708802	EPN3	0.0344793	0.244561	0.628101	-1.5921	0.00100037	0.154657	-6.46594	0.204385	0.599505	-1.66804	0.806646	1.09821	1.09821	0.0228487	0.35331	-2.83037
cg24006361	EPN3;EPN3	0.0179421	0.505287	0.844984	-1.18345	0.00385203	2.63893	2.63893	0.0664527	1.67007	1.67007	0.034466	1.84878	1.84878	0.498934	0.842792	-1.18653
cg20893717	EPO	1.32E-05	0.00559311	1.85352	1.85352	0.243168	0.819109	-1.22084	0.000883224	2.37491	2.37491	0.00566313	1.85071	1.85071	0.139391	0.77025	-1.29828
cg01087129	EPO	6.15E-05	2.65E-05	0.277252	-3.60682	0.0001377	0.361437	-2.76674	0.0128883	0.620837	-1.61073	0.0158417	0.633645	-1.57817	0.000279847	0.39956	-2.50275
cg17194182	EPO	0.00036444	0.968536	1.00476	1.00476	0.145787	1.20701	1.20701	0.000127727	2.23173	2.23173	0.00161394	0.580031	-1.72405	0.00996513	1.48006	1.48006
cg14053590	EPO	0.0105617	0.00179618	0.143384	-6.97426	0.0489362	0.374108	-2.67303	0.00900215	0.234043	-4.27272	0.151067	0.510262	-1.95978	0.0115827	0.25149	-3.9763
cg17100761	EPO	0.0393266	0.00353255	0.35747	-2.79744	0.965981	0.988968	-1.01116	0.42863	1.23391	1.23391	0.439822	1.22744	1.22744	0.187761	0.695514	-1.43779
cg24477567	EPOR	0.00461149	0.0368876	2.69154	2.69154	0.916183	0.957911	-1.04394	0.0324253	2.78127	2.78127	0.236339	0.6024	-1.66003	0.00090994	0.13186	-7.58382
cg14987048	EPOR	0.0202199	0.442295	1.17804	1.17804	0.118589	0.701635	-1.42524	0.121793	1.42018	1.42018	0.631291	0.903818	-1.10642	0.519657	0.872399	-1.14626
cg26243751	EPOR	0.0231988	0.213552	0.646946	-1.54572	0.518354	0.804354	-1.24323	0.548784	1.22351	1.22351	0.450838	1.29104	1.29104	0.106208	0.556211	-1.79788
cg10627206	EPOR	0.0265266	0.561438	1.08108	1.08108	0.645096	0.940277	-1.06352	0.856207	0.976203	-1.02438	0.00225869	0.566973	-1.76375	0.0353752	0.722299	-1.38447
cg14259902	EPOR	0.0438393	0.378087	1.35477	1.35477	0.0655763	2.00134	2.00134	?	?	?	0.950816	1.02093	1.02093	0.0243467	0.40618	-2.46196
cg21135560	EPPK1	0.0011028	0.143126	0.719181	-1.39047	0.000441527	0.312743	-3.19752	0.000130444	0.248667	-4.02145	0.441971	1.17849	1.17849	0.539241	0.877907	-1.13907
cg06035970	EPPK1	0.00177118	0.0910699	0.709015	-1.41041	0.0165982	0.582442	-1.71691	0.000355123	0.34664	-2.88484	0.987571	1.00288	1.00288	0.0151277	0.576108	-1.73579
cg26138480	EPPK1	0.00199144	0.00609153	0.628113	-1.59207	0.0130033	0.670154	-1.4922	0.000840798	0.520859	-1.91991	0.2526	1.16789	1.16789	0.828667	1.02855	1.02855
cg13514538	EPPK1	0.00241481	0.99178	1.00309	1.00309	0.754736	1.09846	1.09846	0.000277732	0.168185	-5.94585	0.332417	0.741083	-1.34938	0.000285091	0.169351	-5.90489
cg04904458	EPPK1	0.00259698	0.000808516	0.305373	-3.27468	0.000826605	0.306635	-3.2612	0.150376	0.696378	-1.436	0.53886	0.864115	-1.15725	0.00050578	0.279217	-3.58144
cg21340316	EPPK1	0.00315713	0.46368	0.84827	-1.17887	5.99E-05	0.194594	-5.13891	0.0803799	0.651875	-1.53404	0.449219	0.843557	-1.18546	0.915878	1.02358	1.02358
cg05253226	EPPK1	0.00474294	0.0760767	0.613146	-1.63093	0.707488	1.09791	1.09791	0.146445	0.679582	-1.47149	0.554315	0.862242	-1.15977	0.000465914	0.25568	-3.91114
cg11474468	EPPK1	0.006357	0.134549	0.414277	-2.41384	0.658646	0.784405	-1.27485	0.00257805	0.102081	-9.79615	0.322585	0.572315	-1.74729	0.000421549	0.0472652	-21.1572
cg06592260	EPPK1	0.00774775	0.0102217	0.311375	-3.21156	0.00630875	0.27753	-3.60321	0.00331703	0.236683	-4.22506	0.0328176	0.406684	-2.45891	0.00848498	0.297971	-3.35603
cg14475913	EPPK1	0.00891367	0.0740384	0.643423	-1.55419	0.177438	0.727988	-1.37365	0.000222719	0.256336	-3.90113	0.89492	1.0297	1.0297	0.0578298	0.621871	-1.60805
cg17497536	EPPK1	0.0123807	0.0198385	0.438788	-2.279	0.00120422	0.249315	-4.01099	0.0155141	0.419167	-2.38568	0.193768	0.668502	-1.49588	0.00386235	0.319799	-3.12697
cg04064588	EPPK1	0.0227602	0.476054	0.742671	-1.34649	0.0247469	0.333719	-2.99653	0.0625668	0.423004	-2.36404	0.0326544	0.358335	-2.79068	0.00549239	0.223414	-4.47599
cg11778258	EPPK1	0.0354023	0.209528	0.754179	-1.32595	0.00401183	0.438373	-2.28116	0.42661	0.841006	-1.18905	0.722802	1.07893	1.07893	0.449928	0.848552	-1.17848
cg21139368	EPPK1	0.0405164	0.00725029	0.359288	-2.78328	0.160839	0.642366	-1.55675	0.00366386	0.31315	-3.19336	0.803391	0.92894	-1.0765	0.851102	0.945986	-1.0571
cg12397273	EPPK1	0.0474811	0.177065	0.817374	-1.22343	0.0449228	0.72362	-1.38194	0.484189	0.904906	-1.10509	0.887516	1.02009	1.02009	0.572756	1.0834	1.0834
cg25283175	EPR1;BIRC5;BIRC5;BIRC5	0.000900171	0.626716	0.906803	-1.10277	0.504249	0.873483	-1.14484	0.142214	0.729848	-1.37015	0.964134	1.00902	1.00902	9.70E-05	0.250711	-3.98865
cg06207650	EPRS	0.00266587	0.00127997	0.508781	-1.96548	0.0550292	0.731208	-1.3676	0.0358614	0.703747	-1.42096	0.00128377	0.508946	-1.96484	0.942302	1.01047	1.01047
cg11826460	EPRS	0.00587121	0.00629056	0.447024	-2.23702	0.0134042	0.500192	-1.99923	0.912729	1.02511	1.02511	0.937521	1.01789	1.01789	0.00948564	0.475439	-2.10332
cg21220870	EPRS	0.013326	0.0889155	1.50722	1.50722	0.00202638	0.386062	-2.59026	0.261975	0.774327	-1.29144	0.101889	1.47922	1.47922	0.43688	1.18937	1.18937
cg24071007	EPRS	0.0185688	0.0208253	0.292928	-3.4138	0.822082	0.905373	-1.10452	0.63055	1.23849	1.23849	0.813746	1.10979	1.10979	0.000606913	0.097047	-10.3043
cg24903794	EPRS	0.0312651	0.0153408	0.612829	-1.63178	0.412276	0.871152	-1.14791	0.302429	1.19218	1.19218	0.00378439	0.525798	-1.90187	0.221802	0.809531	-1.23528
cg17853302	EPS15	0.000869399	0.00482161	0.800503	-1.24921	0.000215421	1.44414	1.44414	0.451512	1.0467	1.0467	0.0292538	1.16514	1.16514	0.0744842	1.12552	1.12552
cg20698942	EPS15	0.00654056	0.0180012	0.403418	-2.47882	0.240123	0.678084	-1.47474	0.0046204	0.304112	-3.28826	0.0497633	2.02767	2.02767	0.00399037	0.294547	-3.39504
cg01447748	EPS15	0.0241738	0.0321854	2.62846	2.62846	0.404189	0.719804	-1.38927	0.594628	1.22984	1.22984	0.210845	0.601805	-1.66167	0.0122468	0.300597	-3.32672
cg22597783	EPS15	0.0390365	0.626672	1.07334	1.07334	0.0589946	1.36055	1.36055	0.342739	1.15158	1.15158	0.748202	1.0476	1.0476	0.979008	0.996208	-1.00381
cg24701772	EPS15;EPS15	2.98E-05	0.0820543	1.36969	1.36969	0.11367	1.32451	1.32451	0.476207	1.12557	1.12557	0.405752	1.14899	1.14899	0.0467973	0.68959	-1.45014
cg10027723	EPS15;EPS15	0.000211649	0.0131204	2.0836	2.0836	0.0121681	2.1079	2.1079	0.943042	1.0172	1.0172	0.0660475	1.63575	1.63575	0.0838626	0.633483	-1.57857
cg12526849	EPS15;EPS15	0.0161893	0.147587	2.06779	2.06779	0.572702	0.766051	-1.3054	0.30037	0.605453	-1.65166	0.782526	0.878644	-1.13812	0.839896	0.909755	-1.0992
cg02670343	EPS15;EPS15	0.0184863	0.253003	1.67271	1.67271	0.029954	3.00538	3.00538	0.252918	1.67288	1.67288	0.138454	1.98833	1.98833	0.883716	0.938884	-1.06509
cg17396676	EPS15L1	5.56E-05	0.0193145	0.642305	-1.55689	0.000141234	0.357874	-2.79428	0.03458	0.680074	-1.47043	0.0423659	0.693643	-1.44166	3.02E-06	0.175642	-5.69339
cg21067775	EPS15L1	9.24E-05	0.0376019	2.00008	2.00008	0.000161744	6.36445	6.36445	0.000424198	4.97456	4.97456	0.0281476	2.10658	2.10658	0.0569233	1.85738	1.85738
cg18094896	EPS15L1	0.000564698	0.691504	0.967933	-1.03313	0.35689	1.08051	1.08051	0.261027	0.908655	-1.10053	0.35977	1.07998	1.07998	0.00277448	0.713816	-1.40092
cg08033031	EPS15L1	0.00193472	0.205915	1.38705	1.38705	0.0651334	1.66156	1.66156	0.0768392	1.6201	1.6201	0.0876321	1.58774	1.58774	0.414798	0.815138	-1.22679
cg22634916	EPS15L1	0.00196229	0.221894	0.891996	-1.12108	0.00229446	1.46147	1.46147	0.00109033	1.53574	1.53574	0.984593	0.998282	-1.00172	0.32823	1.094	1.094
cg06670742	EPS15L1	0.00663451	0.00460241	2.64257	2.64257	0.922403	0.975208	-1.02542	0.552664	1.1674	1.1674	0.347042	0.779194	-1.28338	0.0174236	2.1083	2.1083
cg08253363	EPS15L1	0.0118064	0.417077	0.854506	-1.17027	0.00168829	0.427088	-2.34144	0.0211463	0.591219	-1.69142	0.95101	1.01172	1.01172	0.272725	1.24163	1.24163
cg11479843	EPS8	0.00155956	0.725573	1.05443	1.05443	0.00948235	1.63932	1.63932	0.956041	1.00832	1.00832	0.000247203	0.402472	-2.48465	0.312591	0.85464	-1.17008
cg10231182	EPS8	0.00422555	0.130893	0.755782	-1.32313	0.0611414	0.696129	-1.43652	0.845134	0.966987	-1.03414	0.0928844	1.37352	1.37352	0.000297392	2.74793	2.74793
cg00379080	EPS8	0.00822034	0.599643	1.08435	1.08435	0.0715778	1.36016	1.36016	0.135264	1.27909	1.27909	0.244764	1.20446	1.20446	0.950029	1.00963	1.00963
cg04029483	EPS8	0.00885514	0.512751	0.832973	-1.20052	0.0413455	1.91133	1.91133	0.447444	1.23758	1.23758	0.721124	0.906037	-1.10371	0.00024837	0.189185	-5.28583
cg12440131	EPS8	0.0120282	0.00808836	0.507741	-1.96951	0.0314556	0.603958	-1.65574	0.497436	0.871387	-1.1476	0.0835724	0.681996	-1.46628	0.0290135	0.5979	-1.67252
cg05214546	EPS8	0.0296205	0.383693	0.891917	-1.12118	0.104204	1.25541	1.25541	0.030533	1.3847	1.3847	0.0744857	0.775337	-1.28976	0.190878	0.837484	-1.19405
cg17656267	EPS8	0.0360017	0.429964	0.928207	-1.07735	0.008836	1.36103	1.36103	0.093856	1.18574	1.18574	0.244665	0.893557	-1.11912	0.804325	1.02322	1.02322
cg00346556	EPS8;EPS8	0.0303447	0.393918	0.882297	-1.13341	0.628193	0.932413	-1.07249	0.863617	1.02496	1.02496	0.971932	1.00506	1.00506	0.836815	0.970858	-1.03002
cg24021800	EPS8L1	0.00022807	0.126678	0.799075	-1.25145	0.0717821	1.31379	1.31379	0.270678	0.855813	-1.16848	4.63E-05	0.351965	-2.84119	2.91E-05	0.328491	-3.04423
cg07687554	EPS8L1	0.00540527	0.0110356	0.26481	-3.7763	0.174296	1.82637	1.82637	0.00555722	0.219087	-4.5644	0.0355184	0.360549	-2.77355	0.00359269	0.193317	-5.17284
cg00358609	EPS8L1	0.00554719	0.0521935	0.429314	-2.32929	0.00267594	0.204024	-4.90138	0.0437951	0.411777	-2.4285	0.0594046	0.442735	-2.25869	0.00201218	0.188517	-5.30457
cg16721001	EPS8L1	0.0256252	0.761877	1.10934	1.10934	0.934006	1.02868	1.02868	0.862095	1.06116	1.06116	0.739483	0.892304	-1.12069	0.000463781	0.152517	-6.55662
cg23953052	EPS8L1	0.0391362	0.0572817	0.277127	-3.60845	0.00814064	0.132495	-7.54745	0.0167476	0.175116	-5.7105	0.10288	0.344811	-2.90014	0.0276001	0.211328	-4.73198
cg09915601	EPS8L1;EPS8L1	3.39E-05	0.000235404	0.28726	-3.48117	5.98E-05	0.219008	-4.56603	9.08E-05	0.238914	-4.1856	0.00311187	0.437151	-2.28754	0.000678335	0.345473	-2.89458
cg09503045	EPS8L1;EPS8L1	0.000182982	0.93106	1.01373	1.01373	0.121555	1.30272	1.30272	0.0540393	1.41135	1.41135	0.850728	0.970754	-1.03013	0.453314	0.886601	-1.1279
cg08282037	EPS8L1;EPS8L1	0.000544378	0.221697	0.674851	-1.48181	0.00108199	0.228255	-4.38106	0.0323757	0.464385	-2.15338	0.281458	0.709834	-1.40878	3.88E-05	0.0894981	-11.1734
cg21121496	EPS8L1;EPS8L1	0.00150761	0.82167	1.10055	1.10055	0.885305	0.940583	-1.06317	0.742525	1.15016	1.15016	0.272275	0.615718	-1.62412	1.91E-05	0.025046	-39.9266
cg24815529	EPS8L1;EPS8L1	0.00629052	0.0120063	0.582375	-1.71711	0.00312759	0.497999	-2.00804	0.00733165	0.550772	-1.81563	0.0176107	0.607564	-1.64592	0.0632889	0.697412	-1.43387
cg12020396	EPS8L1;EPS8L1	0.0178251	0.0732564	0.407722	-2.45265	0.523917	0.748194	-1.33655	0.687928	0.834139	-1.19884	0.398687	0.678353	-1.47416	0.0204192	0.285069	-3.50792
cg24402300	EPS8L1;EPS8L1	0.0282468	0.00411959	0.0792672	-12.6156	0.0633662	0.252714	-3.95705	0.258184	0.459654	-2.17555	0.932837	1.0571	1.0571	0.0127733	0.130297	-7.67479
cg00115288	EPS8L2	0.00142606	0.015858	1.6336	1.6336	0.137547	1.30427	1.30427	0.0170495	1.62113	1.62113	0.0943872	1.3572	1.3572	0.00473598	1.86485	1.86485
cg18770763	EPS8L2	0.00350436	0.515648	0.837345	-1.19425	0.156026	0.664501	-1.50489	0.238385	1.39456	1.39456	0.00434399	2.79093	2.79093	0.0156309	0.450135	-2.22156
cg21681078	EPS8L2	0.0057004	0.337264	1.11641	1.11641	0.30932	1.12424	1.12424	0.145372	1.19009	1.19009	0.000123558	0.474635	-2.10688	0.147775	1.18868	1.18868
cg04587886	EPS8L2	0.00747914	0.950117	1.02959	1.02959	0.0751258	2.51824	2.51824	0.622039	1.26057	1.26057	0.584917	0.773329	-1.29311	0.00278933	0.146482	-6.82675
cg17649115	EPS8L2	0.0141191	0.880188	1.06651	1.06651	0.0119902	3.81127	3.81127	0.402489	1.4416	1.4416	0.792498	1.11913	1.11913	0.0552537	0.395488	-2.52852
cg04993130	EPS8L2	0.0206656	0.194707	1.84951	1.84951	0.0106679	4.21628	4.21628	0.0356378	2.99284	2.99284	0.149372	1.99972	1.99972	0.034331	3.02421	3.02421
cg13555772	EPS8L2	0.0229414	0.403107	0.84086	-1.18926	0.0162919	0.551522	-1.81316	0.337262	1.22191	1.22191	0.0242355	1.72324	1.72324	0.411892	0.843693	-1.18527
cg14135214	EPS8L2	0.0261177	0.105269	4.01771	4.01771	0.0217879	8.70113	8.70113	0.0366883	6.73512	6.73512	0.0168247	9.89517	9.89517	0.160675	3.24611	3.24611
cg01074365	EPS8L2	0.0449511	0.0211887	0.230744	-4.3338	0.0364004	0.276033	-3.62275	0.399732	0.633671	-1.57811	0.0886436	0.370092	-2.70203	0.0171113	0.214796	-4.65558
cg02807984	EPS8L2	0.0468524	0.3888	0.77892	-1.28383	0.0499674	1.88209	1.88209	0.783624	1.08098	1.08098	0.738586	1.09938	1.09938	0.623675	1.15015	1.15015

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03386508	0.181411	0.846926	-1.18074	0.0204018	0.720878	-1.3872	0.325088	0.88781	-1.12637	0.428727	0.909729	-1.09923	3.44314	0.74783	0.193062	1
cg07017994	0.0648696	0.484482	-2.06406	0.251864	1.51952	1.51952	0.212863	1.58181	1.58181	0.883322	1.05267	1.05267	3.87716	7.50206	1.71994	1
cg21826272	0.0174638	0.660234	-1.51461	0.0088936	1.61233	1.61233	0.0751565	1.32887	1.32887	0.0137922	1.54773	1.54773	6.31252	2.05849	0.289864	1
cg24350360	0.774086	0.963415	-1.03797	0.306821	1.14684	1.14684	0.0114859	1.50608	1.50608	0.00442217	1.63555	1.63555	5.06032	1.34422	0.236123	1
cg05385434	0.0719708	3.18717	3.18717	0.0317723	4.27397	4.27397	0.0320727	4.25952	4.25952	0.292765	1.87739	1.87739	4.03962	21.3075	4.68857	1
cg00396625	0.223268	1.19533	1.19533	0.247753	0.844941	-1.18351	0.139217	1.24845	1.24845	0.630078	1.07	1.07	14.8902	4.58471	0.27369	1
cg03337430	0.00279347	0.38655	-2.58699	0.249884	1.31965	1.31965	0.433956	1.20221	1.20221	0.00626899	0.439776	-2.27388	11.9534	10.0726	0.749026	1
cg23992403	0.0473338	0.483767	-2.06711	0.0715519	1.90397	1.90397	0.227589	1.49981	1.49981	0.163061	0.620974	-1.61037	7.62822	12.3729	1.44176	1
cg25004581	0.165512	1.41683	1.41683	0.000298148	4.00137	4.00137	0.45969	1.19403	1.19403	0.475568	1.18638	1.18638	5.04791	4.43639	0.781207	1
cg24928687	0.488552	1.14275	1.14275	0.0296736	0.615442	-1.62485	0.261965	0.801053	-1.24836	0.0207102	0.589656	-1.6959	4.29252	2.44501	0.506309	1
cg23096144	0.237508	0.718417	-1.39195	0.320667	0.760164	-1.31551	0.297591	0.749329	-1.33453	0.124992	0.641586	-1.55864	3.75332	4.24556	1.00546	1
cg03459809	0.0905	0.551841	-1.81212	0.030346	0.444249	-2.25099	0.341119	0.731496	-1.36706	0.126338	0.590299	-1.69406	4.51152	7.25879	1.43018	1
cg19513293	0.642043	0.911313	-1.09732	0.00160299	0.407423	-2.45445	0.224908	1.28772	1.28772	0.00473273	0.475034	-2.10511	18.233	11.3647	0.554049	1
cg07766743	0.560868	0.83353	-1.19972	0.147628	0.618126	-1.61779	0.684752	0.881272	-1.13472	0.480547	0.800883	-1.24862	6.13911	9.32265	1.34984	1
cg22099723	0.143755	0.525868	-1.90162	0.231123	0.598128	-1.67188	0.137953	0.520179	-1.92242	0.718768	1.15947	1.15947	4.0779	10.8125	2.35687	1
cg14717796	0.328018	0.854115	-1.1708	1.29E-05	0.239004	-4.18403	0.167989	1.25796	1.25796	0.402051	1.14333	1.14333	62.9	24.3012	0.343419	1
cg21595709	0.00963735	6.18838	6.18838	0.000215673	31.0423	31.0423	0.00267519	10.0706	10.0706	0.0098656	6.1359	6.1359	8.47407	41.5368	4.35701	1
cg18366919	0.0120031	13.0749	13.0749	0.000807005	63.2485	63.2485	0.00366868	25.0972	25.0972	0.0141729	11.9761	11.9761	6.43614	68.6044	9.47488	1
cg17399362	0.0907327	10.2084	10.2084	0.00569109	91.9384	91.9384	0.00472598	107.647	107.647	0.0222928	30.3994	30.3994	4.1226	101.472	21.8788	1
cg24745495	0.0365566	8.41974	8.41974	0.00476946	26.7285	26.7285	0.0144135	14.0774	14.0774	0.0319658	9.05998	9.05998	3.90159	47.5177	10.8258	1
cg16184495	0.0749206	7.77195	7.77195	0.00744799	35.2589	35.2589	0.0377901	12.066	12.066	0.031896	13.4575	13.4575	3.69332	62.5144	15.0456	1
cg19744936	0.0546136	15.5251	15.5251	0.0171963	38.5394	38.5394	0.0150506	42.8868	42.8868	0.0394418	20.0195	20.0195	3.62093	90.7359	22.2744	1
cg03562044	0.682502	0.665423	-1.5028	0.344889	2.62093	2.62093	0.00579914	35.8457	35.8457	0.0190482	16.6256	16.6256	3.51517	54.6085	13.809	1
cg15826897	0.0475562	12.012	12.012	0.0124502	30.3089	30.3089	0.0197513	21.9383	21.9383	0.0609314	10.1455	10.1455	3.48034	66.328	16.9404	1
cg08457898	0.0195065	4.8248	4.8248	0.000366238	24.0917	24.0917	0.00363511	8.96608	8.96608	0.0109064	5.93825	5.93825	7.17355	35.3055	4.37477	1
cg18580265	0.128707	2.06737	2.06737	0.0124294	3.95936	3.95936	0.0260367	3.21676	3.21676	0.0188931	3.51736	3.51736	3.53777	10.9627	2.75445	1
cg11585358	0.0023064	0.329434	-3.03551	0.0115885	0.439115	-2.27731	0.0052552	0.382995	-2.611	0.0765399	0.598272	-1.67148	7.77647	8.37372	0.957158	1
cg22694470	0.0580339	0.801233	-1.24808	0.0766015	0.81569	-1.22596	0.785132	1.02867	1.02867	0.853474	1.01931	1.01931	4.42207	0.749242	0.150607	1
cg15156367	0.038301	0.420279	-2.37937	0.0188279	0.357901	-2.79407	0.0246736	0.38062	-2.62729	0.525475	0.792692	-1.26152	4.26544	8.80811	1.83555	1
cg00314240	0.879031	1.02432	1.02432	0.0369196	0.682208	-1.46583	0.522635	0.902811	-1.10765	0.378088	1.15339	1.15339	3.48231	1.37331	0.350549	1
cg05220968	0.00770298	0.320922	-3.11602	0.00125082	0.209162	-4.78098	0.0105853	0.343957	-2.90734	0.00865499	0.329232	-3.03737	13.0679	22.8055	1.55125	1
cg24315340	0.139628	0.611781	-1.63457	0.00765496	0.346561	-2.8855	0.0553968	0.511075	-1.95666	0.0210225	0.42397	-2.35866	10.7149	16.2163	1.34527	1
cg17971650	0.053556	1.46169	1.46169	0.000789232	0.415489	-2.4068	0.316589	0.835886	-1.19634	0.013301	0.587973	-1.70076	5.82783	2.7669	0.422022	1
cg12130692	0.612969	1.07344	1.07344	0.697242	1.05582	1.05582	0.837239	1.02899	1.02899	0.517883	1.09535	1.09535	4.85459	1.48397	0.271719	1
cg21911930	0.0313424	0.473089	-2.11377	0.322268	0.738575	-1.35396	0.0281054	2.15685	2.15685	0.00510476	0.33397	-2.99428	4.72873	6.57813	1.23653	1
cg09472953	0.40197	1.0896	1.0896	0.00779409	0.710538	-1.40738	0.0158097	0.743959	-1.34416	0.108388	1.19149	1.19149	8.75268	1.38722	0.140881	1
cg24607398	0.180223	0.599319	-1.66856	0.00298724	0.231013	-4.32876	0.0219281	0.371922	-2.68874	0.499838	0.781606	-1.27942	3.52166	7.21866	1.82203	1
cg11600697	0.107425	0.937632	-1.06652	2.32E-05	0.733371	-1.36357	0.249347	1.04511	1.04511	0.16054	1.05648	1.05648	18.6362	0.396477	0.0189107	1
cg16433211	0.349935	0.827396	-1.20861	0.530541	0.882667	-1.13293	0.478138	0.867844	-1.15228	0.8376	0.960554	-1.04107	16.2256	9.66984	0.463525	1
cg27586588	0.0113198	1.4845	1.4845	0.0567707	1.30814	1.30814	0.6824	1.05259	1.05259	0.0120293	1.47724	1.47724	7.48545	1.83975	0.218468	1
cg03192963	0.768346	0.956423	-1.04556	0.88353	0.97813	-1.02236	0.420586	1.13216	1.13216	0.432567	1.12842	1.12842	3.73717	1.3469	0.320362	1
cg10802291	0.00092309	0.327837	-3.05029	4.60E-07	0.0406798	-24.5822	0.480164	1.17555	1.17555	0.169181	1.39108	1.39108	30.9357	24.8818	0.714941	1
cg08512876	0.0793502	0.660697	-1.51355	2.44E-05	0.167223	-5.98004	0.997628	1.00063	1.00063	0.0376005	0.598512	-1.67081	21.9801	15.7649	0.63754	1
cg19437852	0.122368	0.769311	-1.29986	0.03368	0.67802	-1.47488	0.187171	1.24482	1.24482	0.00870851	0.592363	-1.68815	12.9609	5.03686	0.34544	1
cg19503826	0.00246312	0.34817	-2.87216	0.0460451	0.563932	-1.77326	0.25787	1.34423	1.34423	0.114671	0.650601	-1.53704	12.0253	11.9561	0.883775	1
cg10801421	?	?	?	0.600862	1.22608	1.22608	0.166609	0.563081	-1.77594	0.929838	1.03454	1.03454	11.2707	23.0955	1.79301	1
cg14283480	0.00450426	0.269763	-3.70695	0.000371129	0.139277	-7.17991	0.00499579	0.276471	-3.61702	0.0111338	0.332465	-3.00784	9.16405	17.3806	1.68587	1
cg27573549	0.000978485	0.305823	-3.26987	0.0286164	1.86629	1.86629	0.00683259	2.33171	2.33171	0.531243	0.857919	-1.16561	8.0583	7.45133	0.821935	1
cg19648552	0.775583	1.12836	1.12836	0.0011071	7.62247	7.62247	0.00351308	5.32579	5.32579	0.00713143	4.34173	4.34173	6.32961	17.8952	2.51308	1
cg08181534	0.723545	0.969565	-1.03139	0.0724672	0.839944	-1.19056	0.0341084	1.2401	1.2401	0.0278481	1.25383	1.25383	3.75409	0.450278	0.106616	1
cg24028141	0.0895805	0.735565	-1.3595	0.000174644	0.351679	-2.8435	0.12329	1.31514	1.31514	0.259563	0.824487	-1.21288	10.8457	4.6252	0.379069	1
cg17742418	0.293556	1.40907	1.40907	0.00313647	0.280526	-3.56474	0.00991231	2.78825	2.78825	0.0722724	1.88017	1.88017	8.34582	13.0943	1.39463	1
cg04214305	0.0172226	1.64143	1.64143	0.787169	1.0473	1.0473	0.129159	1.32312	1.32312	0.42635	0.870491	-1.14878	7.00102	3.23321	0.410507	1
cg23267110	?	?	?	0.00627045	5.02462	5.02462	?	?	?	0.00372785	0.144574	-6.91689	25.3876	16.2573	0.274442	1
cg02622209	0.373289	1.23528	1.23528	0.80799	1.0579	1.0579	0.00279751	2.59198	2.59198	0.0754303	1.58025	1.58025	4.36129	3.69183	0.752444	1
cg23046475	0.184642	0.876511	-1.14089	0.019844	0.768401	-1.3014	0.328605	0.909869	-1.09906	0.14067	1.16004	1.16004	3.9442	0.548156	0.123536	1
cg03128972	0.00803283	0.259682	-3.85087	0.00831373	0.262034	-3.8163	0.246773	0.618268	-1.61742	0.563147	0.79289	-1.26121	3.45972	8.63652	2.21894	1
cg04267101	0.00142091	0.454503	-2.20021	0.0319509	0.650956	-1.5362	0.803663	0.958346	-1.04346	0.0208222	0.621784	-1.60828	12.1047	5.593	0.410713	1
cg07704437	0.106484	0.743543	-1.34491	0.456117	1.1361	1.1361	0.203792	0.798126	-1.25293	0.00409728	0.523349	-1.91077	6.7665	3.02887	0.397891	1
cg09827751	0.258702	1.27227	1.27227	0.00119471	2.63886	2.63886	0.00349651	0.445037	-2.247	0.179951	1.33776	1.33776	6.53235	4.31992	0.587833	1
cg06900494	0.83094	0.91176	-1.09678	0.13214	0.495518	-2.01809	0.00996201	0.245056	-4.0807	0.0335398	0.341996	-2.92401	4.70055	13.8986	2.62827	1
cg19708802	0.277959	0.649859	-1.5388	0.962087	1.01833	1.01833	0.106444	0.509941	-1.96101	0.737488	0.879402	-1.13714	3.88814	8.98713	2.05459	1
cg24006361	0.337968	1.27906	1.27906	0.0176209	2.05343	2.05343	0.813157	0.942709	-1.06077	0.00633463	2.4246	2.4246	4.88041	4.79902	0.874066	1
cg20893717	0.0133531	1.67308	1.67308	?	?	?	4.80E-07	0.0640869	-15.6038	0.494984	1.11929	1.11929	54.0856	19.6225	0.317453	1
cg01087129	0.00039665	0.418663	-2.38856	0.174025	1.25016	1.25016	1.39E-05	0.246621	-4.05481	0.00160672	0.497327	-2.01075	25.205	9.51488	0.335555	1
cg17194182	0.00124221	0.566373	-1.76562	0.528112	0.925883	-1.08005	0.349022	1.12316	1.12316	0.00173179	1.71318	1.71318	15.5949	3.5849	0.204334	1
cg14053590	0.0479972	0.372145	-2.68712	0.792978	0.891352	-1.12189	0.00253769	0.16009	-6.24647	0.0955153	0.448971	-2.22731	5.808	17.5898	2.69204	1
cg17100761	0.0163875	0.466214	-2.14494	0.652597	1.1251	1.1251	0.102664	0.628451	-1.59121	0.531115	1.17942	1.17942	3.70622	3.9715	0.952515	1
cg24477567	0.0322379	0.359018	-2.78538	0.010753	0.270074	-3.70269	0.0774888	2.22906	2.22906	0.571806	0.791858	-1.26285	7.52162	19.8751	2.34879	1
cg14987048	0.720131	0.927517	-1.07815	0.00105454	0.363025	-2.75464	0.0394811	1.64564	1.64564	0.71016	0.924895	-1.0812	4.68711	3.24704	0.615787	1
cg26243751	0.298807	1.43055	1.43055	0.000639046	0.174967	-5.71537	0.533415	0.810803	-1.23335	0.101767	0.551238	-1.8141	4.47157	7.82921	1.55635	1
cg10627206	0.170253	0.823712	-1.21402	0.191852	0.832395	-1.20135	0.0710785	1.30699	1.30699	0.213766	1.18984	1.18984	4.26804	1.19174	0.248198	1
cg14259902	0.0892257	0.533012	-1.87613	0.181809	1.60937	1.60937	0.0260466	2.42722	2.42722	0.924676	0.968749	-1.03226	3.61469	5.73616	1.5869	1
cg21135560	0.0248785	0.571608	-1.74945	0.00438919	0.45074	-2.21857	0.0416943	0.611503	-1.63532	0.00118439	0.369298	-2.70784	11.444	7.95361	0.61778	1
cg06035970	0.260956	0.805244	-1.24186	0.556595	1.11612	1.11612	0.182603	0.770034	-1.29864	0.0001129	0.285619	-3.50117	9.98842	5.39998	0.480554	1
cg26138480	0.00549988	1.60641	1.60641	0.0101144	1.52409	1.52409	0.245652	0.854107	-1.17081	0.387905	0.891428	-1.1218	9.65395	2.57884	0.237447	1
cg13514538	0.41381	0.778527	-1.28448	0.277955	0.713131	-1.40227	0.279952	0.71421	-1.40015	0.00329434	0.301245	-3.31956	9.1246	12.9777	1.26424	1
cg04904458	0.00648255	0.435747	-2.29491	0.441059	0.831594	-1.20251	0.0342311	0.559951	-1.78587	0.0418217	0.576563	-1.73441	8.93135	7.79377	0.775672	1
cg21340316	0.154607	1.39953	1.39953	0.0567594	1.60919	1.60919	0.955472	0.987756	-1.0124	0.389404	0.823169	-1.21482	8.42924	6.49794	0.685228	1
cg05253226	0.00250039	0.353166	-2.83153	0.180858	0.703229	-1.42201	0.00848659	0.434922	-2.29926	0.00318153	0.36852	-2.71356	7.45761	7.25301	0.864502	1
cg11474468	0.699199	0.80891	-1.23623	0.231232	0.50365	-1.98551	0.69269	0.804971	-1.24228	0.00247091	0.100393	-9.96085	6.81622	32.2032	4.19955	1
cg06592260	0.806078	0.915183	-1.09268	0.00156592	0.194507	-5.14121	0.184009	0.601788	-1.66171	0.114321	0.538522	-1.85693	6.40836	13.1792	1.82805	1
cg14475913	0.938718	1.01718	1.01718	0.0610431	0.626518	-1.59612	0.0617933	0.627573	-1.59344	0.0158429	0.519672	-1.92429	6.13109	4.76349	0.690614	1
cg17497536	0.443666	0.795536	-1.25701	0.967261	0.988051	-1.01209	0.0979375	0.587586	-1.70188	0.0346684	0.486135	-2.05704	5.51723	7.49574	1.20765	1
cg04064588	0.116184	0.496141	-2.01556	0.749957	1.14027	1.14027	0.00418958	0.207042	-4.82995	0.0450895	0.389103	-2.57001	4.50108	12.0144	2.37264	1
cg11778258	0.137854	0.711178	-1.40612	0.0116092	1.96015	1.96015	0.561617	0.88233	-1.13336	0.970132	1.00802	1.00802	3.85116	2.7753	0.640569	1
cg21139368	0.854846	1.0556	1.0556	0.200395	1.49132	1.49132	0.629693	0.866269	-1.15438	0.485932	0.811222	-1.23271	3.66576	5.06935	1.22924	1
cg12397273	0.90667	1.01662	1.01662	0.0191598	1.48943	1.48943	0.0379947	0.713113	-1.4023	0.0351868	0.708341	-1.41175	3.45512	1.08102	0.278112	1
cg25283175	0.369496	1.20197	1.20197	0.368825	1.2023	1.2023	7.62E-05	0.238905	-4.18576	0.871712	1.03278	1.03278	12.1221	7.64888	0.560878	1
cg06207650	0.15287	1.24645	1.24645	0.00458474	1.72128	1.72128	0.78096	0.960681	-1.04093	0.755881	1.0459	1.0459	8.86263	2.90647	0.291508	1
cg11826460	0.00997919	0.479021	-2.08759	0.00367738	0.411355	-2.43099	0.938198	0.982611	-1.0177	0.0017806	0.3656	-2.73523	6.98577	5.66199	0.720448	1
cg21220870	0.208051	1.33675	1.33675	0.00920141	2.06065	2.06065	0.195524	1.34896	1.34896	0.881755	0.967979	-1.03308	5.38636	4.07866	0.673086	1
cg24071007	0.556136	0.768928	-1.30051	0.0399674	0.350676	-2.85164	0.819384	1.10622	1.10622	0.139573	0.495734	-2.01721	4.82432	14.8849	2.74257	1
cg24903794	0.520346	0.898329	-1.11318	0.276269	0.829984	-1.20484	0.134774	1.30384	1.30384	0.258043	1.21434	1.21434	4.02718	1.72695	0.381176	1
cg17853302	0.611569	0.969985	-1.03094	0.0240372	0.852009	-1.1737	0.531029	0.962945	-1.03848	0.000714066	1.35883	1.35883	12.2417	0.686496	0.0498475	1
cg20698942	0.024112	0.42762	-2.33853	0.0446344	0.482767	-2.07139	0.0931977	1.79194	1.79194	0.112995	0.57993	-1.72435	6.75632	10.6754	1.4045	1
cg01447748	0.0807016	0.474205	-2.10879	0.144007	1.83053	1.83053	0.0153815	0.318033	-3.14433	0.136872	0.539436	-1.85379	4.40836	10.3588	2.08872	1
cg22597783	0.893636	0.98087	-1.0195	0.00224876	0.539275	-1.85434	0.0907927	1.30869	1.30869	0.423917	0.888765	-1.12516	3.71631	1.22711	0.293508	1
cg24701772	0.22923	0.81382	-1.22877	9.13E-05	0.319323	-3.13162	1.87E-06	6.91744	6.91744	0.00023384	2.70844	2.70844	30.5193	12.8869	0.375337	1
cg10027723	0.768673	0.932037	-1.07292	0.00508117	0.413188	-2.4202	1.65E-05	8.28414	8.28414	0.000300061	4.0691	4.0691	18.0912	16.3179	0.80176	1
cg12526849	0.443777	0.694151	-1.44061	0.00679533	0.193994	-5.15481	0.00400428	6.09993	6.09993	0.0283231	3.35482	3.35482	5.05118	17.4892	3.07769	1
cg02670343	0.445242	1.39838	1.39838	0.0586322	0.398336	-2.51044	0.00282691	5.88229	5.88229	0.00814408	4.30365	4.30365	4.83156	14.2079	2.6139	1
cg17396676	0.00130315	0.48066	-2.08047	2.41E-05	0.267917	-3.7325	0.458476	1.12537	1.12537	0.0119465	0.612165	-1.63355	25.8866	10.0365	0.344631	1
cg21067775	0.0327908	2.04967	2.04967	4.32E-06	21.0741	21.0741	5.83E-05	8.49988	8.49988	0.00877338	2.60976	2.60976	22.6157	29.5814	1.16267	1
cg18094896	0.0956942	1.16131	1.16131	2.28E-05	1.99924	1.99924	0.0135638	0.779093	-1.28354	0.437213	0.937289	-1.06691	13.8154	1.46111	0.0940089	1
cg08033031	0.868136	0.960074	-1.04159	0.000983443	3.32451	3.32451	5.54E-05	6.29236	6.29236	0.194145	1.40051	1.40051	9.73551	9.27072	0.846452	1
cg22634916	0.178087	0.88039	-1.13586	0.000917864	0.643416	-1.55421	0.543558	1.05626	1.05626	0.119372	0.860315	-1.16236	9.6955	1.21698	0.111573	1
cg06670742	0.00413626	2.69318	2.69318	0.00477281	2.62565	2.62565	0.00359934	2.76115	2.76115	0.0474174	1.79389	1.79389	6.72646	7.07293	0.934674	1
cg08253363	0.218641	1.278	1.278	0.00898978	1.87723	1.87723	0.427696	0.857681	-1.16593	0.773964	0.946871	-1.05611	5.60297	3.18956	0.506011	1
cg11479843	0.210506	1.21947	1.21947	0.000744608	0.463094	-2.15939	0.500328	0.902239	-1.10835	0.0807569	1.33806	1.33806	10.3627	3.71134	0.318351	1
cg10231182	0.196911	1.26388	1.26388	0.0997632	1.36295	1.36295	0.352304	0.848482	-1.17857	0.0190578	0.614373	-1.62768	7.72353	3.60457	0.414844	1
cg00379080	0.521263	1.1045	1.1045	0.000549581	0.440246	-2.27146	0.463461	1.12086	1.12086	0.00917606	1.65834	1.65834	6.29009	2.32856	0.329062	1
cg04029483	0.148672	1.53179	1.53179	0.572309	1.17009	1.17009	0.385395	1.2776	1.2776	0.960009	0.986291	-1.0139	6.14391	7.3747	1.06696	1
cg12440131	0.498159	0.871595	-1.14732	0.00397545	0.461218	-2.16817	0.0610633	1.52478	1.52478	0.0146643	0.548554	-1.82298	5.56925	3.52267	0.562241	1
cg05214546	0.238947	0.85391	-1.17108	0.182929	0.834462	-1.19838	0.250254	0.8574	-1.16632	0.0114308	1.49977	1.49977	4.10534	1.06617	0.230847	1
cg17656267	0.955034	1.00523	1.00523	0.0134355	0.753484	-1.32717	0.536693	0.943789	-1.05956	0.123599	1.16676	1.16676	3.82777	0.518412	0.120386	1
cg00346556	0.703117	1.05645	1.05645	0.000441434	0.451247	-2.21608	0.489052	1.10604	1.10604	0.722791	1.0524	1.0524	4.07027	1.32566	0.289506	1
cg24021800	0.0397798	1.38089	1.38089	0.0757448	1.30782	1.30782	0.400014	0.889616	-1.12408	0.864931	0.977151	-1.02338	17.7275	5.17517	0.259492	1
cg07687554	0.0247858	0.328311	-3.0459	0.00161652	0.152004	-6.57879	0.0224367	0.319859	-3.12638	0.129135	0.504865	-1.98073	7.16566	19.715	2.44562	1
cg00358609	0.0410068	0.405384	-2.46679	0.00049889	0.124262	-8.04753	0.0771784	0.471258	-2.12198	0.0491333	0.423192	-2.363	7.10888	16.5056	2.06385	1
cg16721001	0.0535347	0.472999	-2.11417	0.701057	1.14077	1.14077	0.803269	1.08896	1.08896	0.565299	0.819989	-1.21953	4.31991	7.97633	1.64125	1
cg23953052	0.226361	0.46861	-2.13397	0.0760083	0.307839	-3.24845	0.017504	0.178076	-5.61559	0.058627	0.279523	-3.57752	3.71283	20.9368	5.0125	1
cg09915601	0.0102287	0.515599	-1.93949	2.58E-06	0.0980284	-10.2011	7.67E-05	0.230829	-4.3322	0.000534539	0.331971	-3.01231	29.4897	19.5544	0.589415	1
cg09503045	0.242704	0.824791	-1.21243	0.828307	0.966359	-1.03481	1.68E-06	6.6316	6.6316	0.613845	1.08347	1.08347	18.8191	7.39872	0.349466	1
cg08282037	0.00766017	0.350134	-2.85605	0.00608603	0.334033	-2.99372	0.000179423	0.143382	-6.97439	0.00538607	0.325689	-3.07042	13.957	20.7215	1.31971	1
cg21121496	0.0584427	2.47793	2.47793	0.246007	0.597554	-1.67349	0.797997	1.11499	1.11499	0.235022	0.589648	-1.69593	10.4643	29.8502	2.53562	1
cg24815529	0.148212	0.7652	-1.30685	0.00106716	0.434149	-2.30336	0.588093	1.09895	1.09895	0.0205188	0.617794	-1.61866	6.83846	3.2244	0.41912	1
cg12020396	0.00249431	0.151488	-6.60118	0.0845593	2.35579	2.35579	0.163985	1.94849	1.94849	0.138737	2.04584	2.04584	4.89116	15.6271	2.83997	1
cg24402300	0.0364779	0.201588	-4.96062	0.896676	0.917966	-1.08936	0.0110578	0.122528	-8.16137	0.76078	0.817768	-1.22284	4.17485	28.698	6.11023	1
cg00115288	0.00453873	1.87391	1.87391	3.26E-05	3.823	3.823	0.0857481	1.37086	1.37086	0.0089165	1.73791	1.73791	10.633	4.6464	0.388425	1
cg18770763	0.132357	1.54861	1.54861	0.00282057	3.02799	3.02799	0.00162169	3.3757	3.3757	0.169746	1.48272	1.48272	8.17076	9.38569	1.02106	1
cg21681078	0.492232	1.08073	1.08073	0.532169	0.931995	-1.07297	0.99504	0.999308	-1.00069	0.260402	0.877518	-1.13958	7.04958	1.38318	0.174407	1
cg04587886	0.0624918	0.376429	-2.65655	0.000733628	0.091513	-10.9274	0.76155	1.15238	1.15238	0.0817814	0.407045	-2.45673	6.47966	22.2878	3.05747	1
cg17649115	0.117747	0.484232	-2.06513	0.00157097	0.143907	-6.94892	0.852107	1.08293	1.08293	0.110866	0.476383	-2.09915	5.28514	15.2538	2.56548	1
cg04993130	0.00477647	5.3611	5.3611	0.0643667	2.53846	2.53846	0.00411194	5.61483	5.61483	0.0569242	2.6269	2.6269	4.65244	14.8065	2.82892	1
cg13555772	0.00656428	0.489087	-2.04463	0.176262	0.747321	-1.33811	0.334819	1.22323	1.22323	0.292336	1.24772	1.24772	4.4888	2.91754	0.577742	1
cg14135214	0.0395583	6.49179	6.49179	0.0138753	10.9007	10.9007	0.0121975	11.6353	11.6353	0.0105732	12.5142	12.5142	4.2913	41.9625	8.69202	1
cg01074365	0.0975325	0.382055	-2.61743	0.0116422	0.188471	-5.30586	0.0398435	0.284366	-3.51659	0.0568812	0.319665	-3.12827	3.52696	15.6452	3.94302	1
cg02807984	0.997671	1.00083	1.00083	0.0042732	0.339149	-2.94856	0.161639	1.52622	1.52622	0.0882312	0.587343	-1.70258	3.47253	4.4011	1.12658	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06281016	EPS8L3;EPS8L3;EPS8L3	0.00092227	0.0999486	0.695431	-1.43796	0.00210823	0.418446	-2.38979	5.26E-05	0.21821	-4.58275	0.0434504	0.626307	-1.59666	0.00297869	0.439954	-2.27297	0.377956	0.833373	-1.19994	0.830957	1.04402	1.04402	0.00234156	0.424928	-2.35334	0.00172592	0.406209	-2.46179	12.0392	7.74122	0.571555	1
cg00491404	EPS8L3;EPS8L3;EPS8L3	0.0033372	0.300517	1.1099	1.1099	0.000845413	0.614023	-1.6286	0.000822616	0.612731	-1.63204	0.114522	0.846347	-1.18155	0.133933	0.854619	-1.17011	0.302976	0.901493	-1.10927	0.75663	0.970238	-1.03067	0.0409696	0.795128	-1.25766	0.00109399	0.626178	-1.59699	8.291	1.24039	0.132984	1
cg00865962	EPS8L3;EPS8L3;EPS8L3	0.0373344	0.861436	0.97766	-1.02285	0.198885	0.838986	-1.19192	0.0563051	0.756163	-1.32247	0.723634	0.955125	-1.04698	0.0960186	1.26667	1.26667	0.659734	0.944313	-1.05897	0.00375121	1.65865	1.65865	0.156314	0.821926	-1.21665	0.343291	1.13457	1.13457	3.77745	1.0005	0.235433	1
cg00515905	EPS8L3;EPS8L3;EPS8L3;EPS8L3;EPS8L3;EPS8L3	0.00127117	0.104188	0.790179	-1.26554	0.00217944	0.565535	-1.76824	0.0154571	0.674447	-1.4827	0.0483899	0.741566	-1.3485	0.006588	0.626432	-1.59634	0.213427	0.84056	-1.18968	0.000256129	2.22142	2.22142	0.8144	1.03167	1.03167	0.216449	1.18819	1.18819	10.9894	3.05874	0.24741	1
cg25000308	EPSTI1;EPSTI1	0.0104366	0.0323876	0.419651	-2.38293	0.0208885	0.381509	-2.62117	0.00314499	0.246789	-4.05204	0.0261972	0.400807	-2.49497	0.00654718	0.293927	-3.4022	0.671605	1.1593	1.1593	0.00305692	0.245076	-4.08037	0.770015	0.903373	-1.10696	0.176611	0.607789	-1.64531	5.83025	11.0951	1.69158	1
cg17400905	EPSTI1;EPSTI1	0.0130063	0.0116236	0.342351	-2.92098	0.00547978	0.289056	-3.45954	0.00885584	0.322314	-3.10256	0.882175	1.05169	1.05169	0.0203327	0.38656	-2.58692	0.462497	0.775565	-1.28938	0.0157643	0.365912	-2.7329	0.557669	0.817503	-1.22324	0.0055286	0.289647	-3.45247	5.42929	9.93	1.62575	1
cg04770127	EPSTI1;EPSTI1	0.0131832	0.235347	0.566642	-1.76478	0.000693632	0.094033	-10.6346	0.068035	0.393234	-2.54302	0.248487	0.576394	-1.73493	0.00335414	0.161567	-6.18939	0.767056	1.14531	1.14531	0.0240826	0.292665	-3.41687	0.345577	0.641686	-1.5584	0.383415	0.664841	-1.50412	5.40537	17.8572	2.93654	1
cg03763873	EPSTI1;EPSTI1	0.0213715	0.0286154	0.250476	-3.9924	0.0438567	0.288843	-3.46209	0.0128939	0.191066	-5.23379	0.00650423	0.150161	-6.65952	0.082257	0.356275	-2.80682	0.0795645	0.35232	-2.83833	0.00433404	0.129508	-7.72152	0.255911	0.529507	-1.88855	0.812657	1.13574	1.13574	4.59938	20.9361	4.04617	1
cg02970679	EPX	4.23E-05	0.44406	0.868205	-1.1518	0.23624	0.798678	-1.25207	2.19E-06	0.122379	-8.17134	0.743435	0.942247	-1.06129	0.352809	0.840993	-1.18907	0.00695785	0.531308	-1.88215	5.89E-06	0.15832	-6.31632	0.103525	0.724347	-1.38055	0.199029	1.27865	1.27865	27.825	14.4572	0.461844	1
cg18421167	EPX	7.56E-05	8.96E-05	0.163999	-6.0976	0.0853052	0.612221	-1.6334	0.0010537	0.286556	-3.48972	0.000248887	0.210237	-4.75654	1.35E-05	0.0954144	-10.4806	0.00667068	0.403386	-2.47902	1.75E-05	0.103569	-9.65539	0.0419768	0.546342	-1.83035	0.00286354	0.347042	-2.8815	23.8542	25.1345	0.936597	1
cg25173129	EPX	0.000221426	0.044533	0.708705	-1.41102	0.0201508	0.65817	-1.51936	3.49E-06	0.196358	-5.09273	0.0270762	0.676669	-1.47783	0.392554	1.13966	1.13966	0.486688	1.11125	1.11125	0.0904244	0.756948	-1.32109	0.00084882	0.473081	-2.1138	0.626933	0.929503	-1.07584	17.8706	6.30475	0.3136	1
cg17374802	EPX	0.00172928	0.00454188	0.249013	-4.01585	0.484444	0.770058	-1.2986	0.0147355	0.331598	-3.0157	0.748996	0.888648	-1.12531	0.000158091	0.0929073	-10.7634	0.067505	0.470799	-2.12405	0.000223965	0.104523	-9.56723	0.0765054	0.48451	-2.06394	0.0850447	0.496452	-2.01429	10.0579	21.5429	1.90389	1
cg14012082	EPX	0.00509925	0.23279	0.651028	-1.53603	0.495183	1.26819	1.26819	0.0402871	0.44365	-2.25403	0.079983	0.513559	-1.9472	0.000648747	0.166256	-6.01483	0.52521	1.24714	1.24714	0.82704	1.07795	1.07795	0.0217571	0.38876	-2.57228	0.000905228	0.182156	-5.4898	7.29467	13.5949	1.6566	1
cg05951202	EPX	0.0277059	0.0196448	0.230152	-4.34496	0.459511	0.675369	-1.48067	0.116405	0.411	-2.43309	0.156956	0.454329	-2.20105	0.0159873	0.214983	-4.65153	0.0360861	0.280706	-3.56244	0.00310597	0.12144	-8.23451	0.0190614	0.227875	-4.38837	0.0845265	0.36994	-2.70314	4.20338	18.0822	3.82386	1
cg27469152	EPX	0.0372477	0.0247576	0.293454	-3.40769	0.947826	0.97043	-1.03047	0.161352	0.503555	-1.98588	0.044234	0.346434	-2.88655	0.00459731	0.177254	-5.64162	0.160673	0.502919	-1.98839	0.00849761	0.214236	-4.66776	0.581802	0.774809	-1.29064	0.122206	0.463793	-2.15614	3.78065	12.5971	2.96177	1
cg23614835	EPYC	0.0419965	0.258808	0.770396	-1.29803	0.0354534	0.581495	-1.71971	0.00200136	0.380703	-2.62672	0.63899	0.900674	-1.11028	0.237709	0.760445	-1.31502	0.19002	0.735423	-1.35976	0.270166	1.28945	1.28945	0.470779	0.850068	-1.17638	0.0545305	0.616972	-1.62082	3.61744	2.80849	0.690112	1
cg27058882	ERAL1	0.00333742	0.61648	0.868408	-1.15153	0.00864406	0.392433	-2.5482	0.0357372	0.505199	-1.97942	0.125715	0.629405	-1.5888	0.726572	1.10307	1.10307	0.000216263	0.178224	-5.6109	0.00716431	0.37903	-2.63831	0.480862	1.22166	1.22166	0.00372993	0.334742	-2.98738	8.29084	10.2513	1.09908	1
cg09913796	ERAL1	0.00569156	0.633106	1.11837	1.11837	0.163904	1.41279	1.41279	0.363131	1.24287	1.24287	0.379357	1.23342	1.23342	0.126667	0.680901	-1.46864	0.0550507	0.602881	-1.6587	0.00015569	0.221701	-4.51059	0.578908	1.1393	1.1393	0.300925	1.28318	1.28318	7.05295	6.04485	0.761837	1
cg26887302	ERAL1	0.0444507	0.471457	0.873572	-1.14473	0.779008	0.949414	-1.05328	0.711094	0.933654	-1.07106	0.527524	1.12538	1.12538	0.0346177	0.634715	-1.57551	0.0255548	0.612896	-1.6316	0.00711768	0.52651	-1.8993	0.450618	1.15239	1.15239	0.0259525	0.613991	-1.62869	3.54176	1.90992	0.479339	1
cg17522249	ERAP1;ERAP1	0.0245672	0.7067	0.95426	-1.04793	0.0268433	1.38372	1.38372	0.00466401	1.59354	1.59354	0.0304643	0.729804	-1.37023	0.744353	0.960284	-1.04136	0.596925	1.06833	1.06833	0.350177	0.887719	-1.12648	0.573448	0.931971	-1.07299	0.0472131	1.32475	1.32475	4.38375	1.06498	0.215945	1
cg25232719	ERAP1;ERAP1	0.0251249	0.478531	1.0909	1.0909	0.0250682	0.724818	-1.37966	0.00162846	0.579765	-1.72484	0.091855	1.2512	1.2512	0.354181	0.891272	-1.12199	0.577252	1.07036	1.07036	0.689785	1.04964	1.04964	0.160975	0.834599	-1.19818	0.914222	1.0131	1.0131	4.34969	1.00454	0.205285	1
cg00188032	ERAP1;ERAP1	0.0371128	0.883129	1.06128	1.06128	0.015003	0.298528	-3.34976	0.848951	0.925809	-1.08014	0.507191	1.31264	1.31264	0.00176619	0.165177	-6.05411	0.53979	0.778049	-1.28527	0.411534	0.712137	-1.40422	0.0574982	0.41956	-2.38345	0.299054	0.647166	-1.5452	3.78566	9.80035	2.30116	1
cg24598187	ERAP2;ERAP2	0.00085654	0.248519	1.21647	1.21647	0.366087	0.859983	-1.16281	0.0441168	0.686809	-1.45601	0.000135815	2.92386	2.92386	0.000419279	0.403142	-2.48052	0.199605	0.802408	-1.24625	0.0234553	1.55228	1.55228	0.392375	1.15297	1.15297	0.32174	0.846801	-1.18092	12.2933	5.13769	0.37149	1
cg26594503	ERAP2;ERAP2	0.00142614	0.301693	1.24808	1.24808	0.497621	0.867096	-1.15328	0.00719563	0.487494	-2.05131	0.0258076	1.73012	1.73012	0.158739	0.731996	-1.36613	0.33088	1.23095	1.23095	0.0737686	1.51103	1.51103	0.274046	1.26582	1.26582	6.79E-05	0.220938	-4.52616	10.6329	7.22297	0.603826	1
cg13331446	ERAP2;ERAP2	0.0021425	0.977846	0.997344	-1.00266	0.006081	1.40932	1.40932	0.235628	1.12643	1.12643	0.153176	0.863706	-1.1578	0.254124	1.12083	1.12083	0.320672	1.10328	1.10328	5.36E-05	2.05824	2.05824	0.100229	0.841552	-1.18828	0.342181	1.09828	1.09828	9.4502	1.37333	0.129176	1
cg09750775	ERAP2;ERAP2;ERAP2;ERAP2	0.0315864	0.0354331	0.206427	-4.84433	0.00638338	0.101607	-9.84187	0.0054658	0.0949775	-10.5288	0.0355243	0.20664	-4.83934	0.107954	0.323036	-3.09563	0.0418211	0.220598	-4.53314	0.0567488	0.249251	-4.01202	0.145215	0.36503	-2.7395	0.118021	0.335042	-2.9847	4.0125	26.3771	5.84331	1
cg03351894	ERAS	0.000232698	0.14015	0.777324	-1.28646	0.00878522	1.69828	1.69828	0.0772558	0.732162	-1.36582	0.109508	1.31907	1.31907	0.00012606	0.346617	-2.88503	0.000296634	2.54703	2.54703	0.0129239	0.612782	-1.6319	0.00205912	1.99163	1.99163	0.035712	0.678475	-1.47389	17.6309	7.03344	0.354601	1
cg06163534	ERAS	0.0180625	0.77721	1.12097	1.12097	0.778038	0.892472	-1.12048	0.0162388	0.306255	-3.26526	0.138	0.525744	-1.90207	0.00853953	0.259013	-3.86081	0.174037	1.78988	1.78988	0.00572703	0.232651	-4.29829	0.541383	1.28259	1.28259	0.0261499	0.345686	-2.8928	4.86945	12.4977	2.28138	1
cg04492048	ERAS	0.0250576	0.769185	0.902494	-1.10804	0.00217223	0.223148	-4.48132	0.0310991	0.413862	-2.41626	0.150188	0.584044	-1.7122	0.0436357	0.445416	-2.24509	0.241629	1.53316	1.53316	0.0570493	0.47203	-2.11851	0.686309	0.868003	-1.15207	0.0322567	0.417164	-2.39714	4.35375	8.38217	1.71136	1
cg14266196	ERAS	0.0377306	0.574289	1.25492	1.25492	0.490907	1.32304	1.32304	0.118739	0.50789	-1.96893	0.113269	0.501828	-1.99272	0.00617141	0.239541	-4.17466	0.71261	1.15953	1.15953	0.0471781	2.48087	2.48087	0.191633	1.73853	1.73853	0.180457	1.76648	1.76648	3.76291	9.53862	2.25325	1
cg07112779	ERAS	0.038256	0.339444	1.57857	1.57857	0.25405	0.575655	-1.73715	0.176621	0.513751	-1.94647	0.83044	0.905353	-1.10454	0.00320865	0.154887	-6.45632	0.043832	2.92774	2.92774	0.0932197	0.424773	-2.3542	0.765523	1.14875	1.14875	0.325935	0.624826	-1.60044	3.74393	12.7478	3.0266	1
cg12449183	ERAS;ERAS	0.00256996	0.130252	1.65822	1.65822	0.0134167	2.57922	2.57922	0.367649	0.750982	-1.33159	0.0371171	0.472868	-2.11475	0.000330449	0.166321	-6.01246	0.946565	1.02096	1.02096	0.0446872	0.490051	-2.04061	0.512989	1.22791	1.22791	0.00357591	0.294874	-3.39128	8.95892	13.588	1.34818	1
cg02023717	ERBB2	0.0454982	0.00529804	0.111599	-8.96066	0.662095	0.769217	-1.30002	0.322039	0.54314	-1.84115	0.525412	1.46807	1.46807	0.0768118	0.30907	-3.23551	0.373407	0.579728	-1.72495	0.00517534	0.110542	-9.04631	0.795823	1.16733	1.16733	0.429628	0.618127	-1.61779	3.51101	19.7964	5.01188	1
cg08585669	ERBB2	0.048398	0.0731326	0.582347	-1.71719	0.247719	1.38672	1.38672	0.394132	0.789673	-1.26635	0.717714	1.1032	1.1032	0.00178775	0.300431	-3.32855	0.0799058	0.59113	-1.69167	0.453497	0.813357	-1.22947	0.593242	0.864277	-1.15704	0.403344	0.793459	-1.2603	3.43024	3.97627	1.03038	1
cg23731030	ERBB2;ERBB2	7.47E-05	0.631173	0.876124	-1.14139	0.0102957	2.42049	2.42049	0.0015562	3.46785	3.46785	0.226559	1.41502	1.41502	0.873574	0.957397	-1.0445	0.303544	1.33824	1.33824	0.122586	1.58002	1.58002	1.75E-06	26.1771	26.1771	6.41E-05	7.45664	7.45664	23.9282	28.3286	1.05236	1
cg27005179	ERBB2;ERBB2	8.09E-05	0.3404	0.751279	-1.33106	0.002668	3.35001	3.35001	0.00131344	3.90055	3.90055	0.104582	1.67592	1.67592	0.52254	0.828088	-1.2076	0.03756	2.01835	2.01835	0.427473	1.26594	1.26594	4.53E-06	21.4859	21.4859	2.38E-05	11.6304	11.6304	23.4308	31.439	1.1927	1
cg12413918	ERBB2;ERBB2	0.000113033	0.000250698	0.292733	-3.41609	0.014381	1.84725	1.84725	0.000831304	2.78267	2.78267	0.542545	0.88216	-1.13358	0.000204049	0.281879	-3.54763	0.212756	1.30594	1.30594	0.000335009	0.308316	-3.24343	0.00200172	2.42826	2.42826	0.840161	1.04193	1.04193	21.426	14.0392	0.582435	1
cg02433278	ERBB2;ERBB2	0.00015495	0.882071	0.962891	-1.03854	0.0686109	1.68079	1.68079	0.00206411	3.02044	3.02044	0.262216	1.34691	1.34691	0.0145628	0.464604	-2.15237	0.532024	1.17498	1.17498	0.458682	0.825127	-1.21193	4.03E-06	15.278	15.278	0.00121806	3.33985	3.33985	19.6839	20.2312	0.913604	1
cg23333072	ERBB2;ERBB2	0.000236726	0.20491	0.720781	-1.38738	0.140793	1.47372	1.47372	0.000261755	4.34501	4.34501	0.666936	1.1118	1.1118	0.692834	1.10206	1.10206	0.831601	1.05351	1.05351	0.790628	0.936941	-1.0673	7.80E-06	11.0192	11.0192	0.00120112	3.19437	3.19437	17.5488	16.6535	0.843541	1
cg24657085	ERBB2;ERBB2	0.000335919	0.0214374	0.572251	-1.74748	0.004074	2.17868	2.17868	8.86E-05	0.242213	-4.1286	0.851216	0.962785	-1.03865	4.03E-05	0.205221	-4.87279	0.088313	0.683977	-1.46204	0.114226	0.706791	-1.41484	0.855161	0.963767	-1.0376	0.231979	0.776316	-1.28813	15.9481	10.3041	0.574316	1
cg16065186	ERBB2;ERBB2	0.000365276	0.0689039	0.531135	-1.88276	0.0212408	2.36499	2.36499	0.00196188	3.89733	3.89733	0.125588	1.67402	1.67402	0.920984	1.03132	1.03132	0.0298697	2.2129	2.2129	0.783657	0.918013	-1.08931	2.45E-05	13.59	13.59	0.00019492	7.01483	7.01483	15.5851	23.8465	1.36007	1
cg19457603	ERBB2;ERBB2	0.000494728	0.0114042	0.552045	-1.81145	0.0798276	0.694404	-1.44008	0.00820159	0.530149	-1.88626	0.302667	0.818465	-1.2218	1.50E-05	0.185566	-5.38892	0.000459958	0.355368	-2.81399	0.0850185	0.699562	-1.42947	0.180485	0.765814	-1.3058	0.00100385	0.400043	-2.49973	14.3326	7.9904	0.495554	1
cg25582353	ERBB2;ERBB2	0.000612873	0.796312	0.961315	-1.04024	0.0175783	0.643613	-1.55373	2.17E-05	0.271953	-3.67711	0.197326	1.23105	1.23105	0.000638786	0.449472	-2.22483	0.806477	1.03814	1.03814	0.116966	1.29661	1.29661	0.972963	0.994844	-1.00518	0.273174	0.840349	-1.18998	13.5037	4.97526	0.3275	1
cg11993754	ERBB2;ERBB2	0.00100755	0.967851	0.984304	-1.01595	0.0293706	2.73806	2.73806	0.0457107	2.45762	2.45762	0.0164644	3.15952	3.15952	0.91554	1.04252	1.04252	0.0137428	3.30612	3.30612	0.266579	0.63485	-1.57518	7.04E-05	17.2386	17.2386	0.00029385	10.1311	10.1311	11.7415	28.6528	2.16916	1
cg10713339	ERBB2;ERBB2	0.00132043	0.000185915	0.430454	-2.32313	0.000573292	2.03827	2.03827	0.0442475	1.36161	1.36161	0.351447	1.13665	1.13665	0.326651	1.14483	1.14483	0.151287	1.228	1.228	0.128887	0.803171	-1.24506	0.260175	0.854813	-1.16985	0.379405	0.886529	-1.128	10.8704	3.07139	0.251152	1
cg13263114	ERBB2;ERBB2	0.00162462	0.10105	0.530901	-1.88359	0.453468	0.763941	-1.309	0.329222	0.701138	-1.42625	0.286106	1.47788	1.47788	0.313348	0.692333	-1.44439	0.0892475	0.516463	-1.93625	0.432348	0.753866	-1.3265	0.000105507	11.1868	11.1868	0.00142585	5.08816	5.08816	10.2412	20.1653	1.75026	1
cg22018815	ERBB2;ERBB2	0.00235966	0.00476087	0.519603	-1.92455	0.30904	0.832029	-1.20188	0.0454181	0.669768	-1.49305	0.0410141	1.50967	1.50967	0.476454	1.13481	1.13481	0.0385485	1.51986	1.51986	0.000457323	2.62229	2.62229	0.0887517	1.3881	1.3881	0.061949	0.692708	-1.44361	9.18671	4.43911	0.429519	1
cg22778981	ERBB2;ERBB2	0.00281	0.218115	0.556095	-1.79825	0.626943	1.2484	1.2484	0.0306469	3.15915	3.15915	0.614293	1.25882	1.25882	0.211505	0.550883	-1.81527	0.585065	0.778997	-1.2837	0.0307918	0.316963	-3.15494	0.000173543	17.9472	17.9472	0.00735741	4.7814	4.7814	8.72576	28.3554	2.88855	1
cg14377681	ERBB2;ERBB2	0.0133725	0.162151	0.62528	-1.59928	0.0237683	0.427846	-2.33729	0.00750767	0.338734	-2.95217	0.271865	0.697789	-1.4331	0.00208922	0.256055	-3.90541	0.00214294	0.257552	-3.88271	0.0545286	0.503474	-1.9862	0.442186	0.781508	-1.27958	0.2281	0.671661	-1.48885	5.38022	8.43383	1.39339	1
cg13131339	ERBB2;ERBB2	0.0261009	0.0138681	0.566625	-1.76483	0.00310312	0.469577	-2.12958	0.105035	0.718253	-1.39227	0.652761	0.918864	-1.0883	0.403251	0.852311	-1.17328	0.0358044	0.633596	-1.57829	0.083286	1.43077	1.43077	0.211438	0.781953	-1.27885	0.334962	0.830464	-1.20415	4.29226	2.37289	0.491405	1
cg06185555	ERBB2;ERBB2	0.039803	0.567315	0.87733	-1.13982	0.0400098	0.584355	-1.71129	0.00537514	0.436196	-2.29255	0.5192	1.15941	1.15941	0.0130566	0.498079	-2.00771	0.0985031	0.663571	-1.507	0.925706	0.97911	-1.02134	0.31559	1.26475	1.26475	0.326435	0.795067	-1.25776	3.68984	2.99414	0.721295	1
cg26111030	ERBB2;ERBB2;ERBB2	0.00282758	0.854037	0.889019	-1.12484	0.0225612	5.72425	5.72425	0.00331369	12.8699	12.8699	0.262474	2.10921	2.10921	0.617852	0.725219	-1.37889	0.103644	3.1169	3.1169	0.453497	1.62868	1.62868	0.000318807	41.374	41.374	0.000633273	28.6052	28.6052	8.70967	56.2838	5.7442	1
cg23613219	ERBB2;ERBB2;ERBB2	0.00981686	0.634511	0.602145	-1.66073	0.0933285	7.06475	7.06475	0.0272067	15.9366	15.9366	0.0491416	10.7916	10.7916	0.147338	0.192647	-5.19083	0.0551739	10.0002	10.0002	0.636871	0.604306	-1.65479	0.00150687	126.866	126.866	0.00555494	47.4036	47.4036	5.94564	105.645	15.7942	1
cg12222323	ERBB2;ERBB2;PGAP3	0.000119535	0.000699759	0.551275	-1.81398	0.027793	0.741117	-1.34931	0.00435354	1.55098	1.55098	7.62E-05	0.437697	-2.28469	0.0622744	1.27351	1.27351	0.000296326	0.507243	-1.97144	0.345094	1.11855	1.11855	0.136098	1.20325	1.20325	0.00132418	1.71261	1.71261	21.107	4.43677	0.186847	1
cg02330892	ERBB2;ERBB2;PGAP3	0.0257995	0.0389569	0.795869	-1.25649	0.0150123	0.751562	-1.33056	0.432561	1.07951	1.07951	0.00381498	0.688895	-1.4516	0.138674	1.16448	1.16448	0.836009	0.980394	-1.02	0.177984	0.872202	-1.14652	0.113296	0.848212	-1.17895	0.726949	1.03406	1.03406	4.30971	0.62289	0.128473	1
cg15227682	ERBB2;PGAP3	9.56E-05	0.80042	1.0817	1.0817	0.000136712	0.129302	-7.73386	0.000574193	0.191588	-5.21953	0.00832942	0.351548	-2.84456	1.60E-05	0.0633977	-15.7735	0.0572023	0.513254	-1.94835	3.47E-05	0.083576	-11.9652	0.785539	0.91892	-1.08823	0.000812282	0.208981	-4.78513	22.4071	34.1062	1.35299	1
cg03386751	ERBB2;PGAP3	0.000723259	0.0239907	0.59608	-1.67763	5.20E-05	0.233587	-4.28105	0.000217354	0.305706	-3.27112	0.0156234	0.565788	-1.76745	0.105149	0.711626	-1.40523	0.114893	0.719353	-1.39014	0.0010746	0.395308	-2.52967	0.0117356	0.546143	-1.83102	0.00495838	0.489281	-2.04381	12.8922	7.53792	0.519721	1
cg14187895	ERBB2;PGAP3	0.00282079	0.0151198	0.229264	-4.36178	0.000471346	0.066489	-15.0401	0.0125918	0.216353	-4.62209	0.0558771	0.34344	-2.91171	0.0021746	0.119764	-8.34972	0.00461935	0.155741	-6.42092	0.00179202	0.111658	-8.9559	0.0102623	0.202645	-4.93475	0.018691	0.245048	-4.08083	8.71586	33.6057	3.42729	1
cg20007836	ERBB2;PGAP3	0.00677037	0.311109	1.17934	1.17934	0.0646591	1.38633	1.38633	0.322611	0.851442	-1.17448	0.00168207	2.02746	2.02746	0.797844	0.960404	-1.04123	0.0297981	1.49554	1.49554	0.00261166	0.51882	-1.92745	0.604987	1.0856	1.0856	0.134078	1.28958	1.28958	6.6842	2.6229	0.348803	1
cg05616858	ERBB2;PGAP3	0.0353198	0.770817	0.828737	-1.20666	0.00977266	0.122313	-8.17575	0.0886926	0.298891	-3.34571	0.111865	0.328418	-3.0449	0.0106178	0.126644	-7.89612	0.470443	1.60352	1.60352	0.0121326	0.133888	-7.46893	0.622769	0.726965	-1.37558	0.0674651	0.267767	-3.73459	3.85442	25.248	5.82258	1
cg04175877	ERBB2IP;ERBB2IP	5.38E-05	1.50E-05	0.0700645	-14.2726	0.000100946	0.12984	-7.7018	0.000791666	0.222701	-4.49032	0.0114519	0.391713	-2.55289	5.87E-06	0.0490066	-20.4054	0.00312213	0.30203	-3.31093	0.000780699	0.221969	-4.50514	0.0331482	0.47819	-2.09122	0.000530531	0.202257	-4.94419	26.1159	36.2931	1.23528	1
cg22720560	ERBB2IP;ERBB2IP	0.000383952	0.298975	0.806215	-1.24036	0.0549485	1.56911	1.56911	0.290347	0.802773	-1.24568	0.274132	1.25612	1.25612	?	?	?	3.54E-05	0.126867	-7.88227	?	?	?	0.000236799	0.228804	-4.37055	0.953503	0.988548	-1.01158	27.3124	12.5012	0.392325	1
cg17039519	ERBB2IP;ERBB2IP	0.0109332	0.948452	1.02168	1.02168	0.103815	1.80425	1.80425	0.540272	1.22839	1.22839	0.0083662	3.05833	3.05833	0.00839033	0.327182	-3.0564	0.452088	0.775557	-1.2894	0.65192	0.860138	-1.1626	0.00218554	4.16141	4.16141	0.815545	1.08062	1.08062	5.74378	10.0139	1.54973	1
cg05465766	ERBB2IP;ERBB2IP	0.0132625	0.102812	0.79923	-1.2512	0.745979	0.960009	-1.04166	0.00276282	0.595477	-1.67933	0.627958	0.940526	-1.06323	0.956298	0.993143	-1.0069	0.00289171	0.597911	-1.67249	0.0486376	1.32683	1.32683	0.0389739	0.740768	-1.34995	0.393336	0.896023	-1.11604	5.39477	1.34705	0.221951	1
cg26149108	ERBB2IP;ERBB2IP	0.0353031	0.868338	0.955261	-1.04683	0.0268433	0.485082	-2.06151	0.0376579	0.514177	-1.94486	0.766542	1.08561	1.08561	0.0910579	1.67114	1.67114	0.929083	1.02486	1.02486	0.0163075	2.2484	2.2484	0.0953546	0.603203	-1.65782	0.22648	0.704442	-1.41956	3.85508	4.64693	1.07147	1
cg22009138	ERBB2IP;ERBB2IP;ERBB2IP;ERBB2IP	0.0267182	0.870078	1.0949	1.0949	0.447293	1.53573	1.53573	0.127424	0.40132	-2.49178	0.000548646	0.0511472	-19.5514	0.877421	1.08925	1.08925	0.211728	0.48255	-2.07233	0.984297	1.01096	1.01096	0.4187	1.58041	1.58041	0.927387	1.05178	1.05178	4.25729	20.6855	4.31896	1
cg26442810	ERBB2IP;LOC100303749;ERBB2IP	0.00160567	0.00601566	0.16688	-5.99233	6.62E-05	0.0260058	-38.4529	0.00449592	0.151166	-6.61525	0.254746	0.552552	-1.80978	0.00454727	0.151756	-6.58953	0.00905528	0.191135	-5.23191	0.0110607	0.204006	-4.90182	0.808614	1.12869	1.12869	0.104888	0.413101	-2.42072	10.2759	40.5006	3.50339	1
cg03437318	ERBB3;ERBB3	5.23E-05	0.0551006	1.39483	1.39483	0.000396646	2.37019	2.37019	6.12E-05	3.1011	3.1011	0.0155107	1.57504	1.57504	0.125465	1.28884	1.28884	3.64E-05	3.37643	3.37643	0.73805	1.0527	1.0527	2.91E-06	5.52797	5.52797	0.04851	1.41182	1.41182	26.305	9.75482	0.329632	1
cg04794420	ERBB3;ERBB3	0.000540721	0.192598	1.29376	1.29376	0.195887	1.29104	1.29104	0.0219551	1.67085	1.67085	0.0879927	1.42141	1.42141	0.112557	0.72424	-1.38076	0.00039766	2.86594	2.86594	0.764512	0.945436	-1.05771	1.68E-05	5.21487	5.21487	0.0340482	1.5873	1.5873	13.9831	7.72502	0.491069	1
cg01178113	ERBB3;ERBB3	0.00114616	0.0959786	0.783167	-1.27687	0.429749	1.11378	1.11378	0.0363056	1.38456	1.38456	0.413008	0.894147	-1.11838	0.589957	0.92985	-1.07544	0.166347	1.2181	1.2181	3.04E-05	0.336286	-2.97366	0.423541	1.11547	1.11547	0.0300175	1.40667	1.40667	11.319	3.20391	0.251605	1
cg10869879	ERBB3;ERBB3	0.00127272	0.504361	0.784035	-1.27545	0.355223	1.4071	1.4071	0.574176	1.22616	1.22616	0.0318239	2.46828	2.46828	0.0235134	0.378499	-2.64201	0.00377012	4.07106	4.07106	0.17406	1.68084	1.68084	5.03E-05	15.3417	15.3417	0.018699	2.78278	2.78278	10.9855	22.438	1.81556	1
cg15826273	ERBB3;ERBB3	0.0206212	0.596954	1.07083	1.07083	0.494505	1.09304	1.09304	0.00224437	1.73089	1.73089	0.0169397	0.688311	-1.45283	0.838789	1.02647	1.02647	0.162468	1.21074	1.21074	0.139594	0.815571	-1.22613	0.825217	0.972035	-1.02877	0.108606	0.798967	-1.25162	4.65585	1.21265	0.231517	1
cg10057843	ERBB3;ERBB3	0.0227284	0.686056	0.951517	-1.05095	0.0370276	0.743666	-1.34469	0.0682819	1.28358	1.28358	0.223218	1.16943	1.16943	0.374353	1.11797	1.11797	0.00416863	1.59931	1.59931	0.0797831	0.788383	-1.26842	0.881411	1.01842	1.01842	0.0531464	1.30827	1.30827	4.50325	1.06674	0.210562	1
cg17843101	ERBB3;ERBB3	0.0264212	0.730103	1.06466	1.06466	0.0710577	0.694325	-1.44025	0.01582	0.585776	-1.70714	0.979316	0.995321	-1.0047	0.124411	1.35118	1.35118	0.481967	0.878715	-1.13803	0.00526298	1.94586	1.94586	0.417555	1.16169	1.16169	0.171941	0.768692	-1.30091	4.27399	2.21548	0.460768	1
cg26344379	ERBB3;ERBB3	0.0358403	0.360868	1.18997	1.18997	0.0839231	1.42496	1.42496	0.00241322	0.457275	-2.18687	0.63681	1.09206	1.09206	0.521431	1.12787	1.12787	0.18994	1.29313	1.29313	0.138684	0.744418	-1.34333	0.257538	0.803489	-1.24457	0.571046	1.11183	1.11183	3.83402	2.08203	0.482703	1
cg19846700	ERBB3;ERBB3;ERBB3;ERBB3	0.00186435	0.187295	1.31898	1.31898	0.415901	1.17907	1.17907	0.0237688	1.70674	1.70674	0.0016848	0.410959	-2.43333	0.62033	0.905811	-1.10398	0.0305871	0.604528	-1.65418	0.000720454	0.360824	-2.77143	0.00665432	2.0089	2.0089	0.774382	1.05859	1.05859	9.84094	6.11633	0.552462	1
cg08955099	ERBB4;ERBB4	0.0001923	0.0426616	0.502431	-1.99032	0.14617	0.631208	-1.58426	0.0277957	0.464401	-2.15331	0.509082	0.820735	-1.21842	3.44E-05	0.094089	-10.6282	0.776425	1.0876	1.0876	1.12E-05	0.0636093	-15.721	0.323778	1.35064	1.35064	0.00483124	0.332026	-3.01181	18.5677	25.5825	1.22471	1
cg25300234	ERBB4;ERBB4	0.00111813	0.0838311	0.767283	-1.3033	0.00139627	0.52674	-1.89847	0.0181936	0.672335	-1.48735	0.209226	0.832552	-1.20113	6.75E-05	0.364189	-2.74583	0.0379912	1.39527	1.39527	0.122112	1.26112	1.26112	0.65076	0.938849	-1.06513	0.0490384	0.732617	-1.36497	11.3991	3.46099	0.269884	1
cg10177213	ERBB4;ERBB4	0.00178558	0.00168226	1.80937	1.80937	0.00273798	1.72648	1.72648	0.523951	0.918246	-1.08903	0.328182	1.14258	1.14258	0.000294027	0.458868	-2.17927	0.764169	1.04053	1.04053	0.414166	1.11655	1.11655	0.349572	0.880587	-1.13561	0.351823	0.88114	-1.13489	9.965	2.75256	0.245531	1
cg05844832	ERBB4;ERBB4	0.00197789	0.000714555	3.4302	3.4302	0.0167947	0.497524	-2.00995	0.0265195	0.53304	-1.87603	0.000890339	3.28947	3.28947	0.998183	1.00055	1.00055	0.988933	1.00332	1.00332	0.0968701	1.54648	1.54648	0.0226662	1.92079	1.92079	0.621965	0.887898	-1.12626	9.67317	8.76814	0.805723	1
cg20215622	ERBB4;ERBB4	0.011788	0.199951	1.94512	1.94512	0.0396951	3.21774	3.21774	0.085528	2.54449	2.54449	0.615402	0.779659	-1.28261	?	?	?	0.00690785	0.179418	-5.57359	0.00370148	0.14555	-6.87048	0.920335	0.952033	-1.05038	0.953674	1.02896	1.02896	5.71574	19.4283	3.39909	1
cg00326719	ERBB4;ERBB4	0.0177063	0.668105	1.04591	1.04591	0.646864	0.953129	-1.04918	0.000302095	1.84302	1.84302	0.0481168	1.26502	1.26502	0.46655	1.08016	1.08016	0.308034	1.11606	1.11606	0.413746	0.916718	-1.09085	0.745488	1.03448	1.03448	0.641041	1.05008	1.05008	4.90215	0.840892	0.152476	1
cg20637307	ERBB4;ERBB4	0.0202356	0.582616	1.20925	1.20925	0.791026	1.09517	1.09517	0.177542	1.63321	1.63321	0.26766	1.48481	1.48481	0.457627	0.771876	-1.29555	0.245656	0.659893	-1.5154	0.000767581	0.174793	-5.72106	0.044706	0.454338	-2.201	0.627732	1.18209	1.18209	4.68587	8.69701	1.64978	1
cg08042975	ERBB4;ERBB4	0.0212179	0.0495078	0.747306	-1.33814	0.530583	1.08607	1.08607	0.731062	0.956149	-1.04586	0.0207861	0.696494	-1.43576	0.083469	0.779576	-1.28275	0.0777654	0.775102	-1.29015	0.00130669	0.544293	-1.83725	0.318724	1.14331	1.14331	0.753318	0.959854	-1.04182	4.61074	1.23345	0.237794	1
cg11058366	ERBB4;ERBB4	0.0232856	0.403644	1.2649	1.2649	0.530294	1.19102	1.19102	0.110263	0.619646	-1.61382	0.0275747	2.04715	2.04715	0.539862	0.843109	-1.18609	0.0121085	0.423121	-2.36339	0.00503511	0.36055	-2.77354	0.254649	0.721041	-1.38688	0.797242	0.931653	-1.07336	4.46581	5.34797	1.06448	1
cg07585513	ERBB4;ERBB4	0.0242858	0.425505	0.8928	-1.12007	0.978461	0.996245	-1.00377	0.339716	0.871874	-1.14696	0.571683	1.0829	1.0829	0.00344601	0.57494	-1.73931	0.946256	1.00944	1.00944	0.00537445	1.66654	1.66654	0.235072	1.18936	1.18936	0.371676	0.880022	-1.13633	4.40131	1.35343	0.273339	1
cg14345215	ERBB4;ERBB4	0.0394263	0.0526083	0.474638	-2.10687	0.279358	0.683622	-1.4628	0.0449512	0.459217	-2.17762	0.146587	0.590399	-1.69377	0.00277586	0.247804	-4.03544	0.117348	0.562565	-1.77757	0.0282204	0.416339	-2.40189	0.317852	0.705268	-1.4179	0.0223166	0.396116	-2.52451	3.70277	6.70729	1.61016	1
cg06378010	ERC1;ERC1;ERC1;ERC1;ERC1	0.000786089	0.960379	1.00678	1.00678	0.058405	1.3377	1.3377	0.00329583	1.72407	1.72407	0.306102	1.15507	1.15507	3.48E-05	0.336614	-2.97076	0.341581	1.14262	1.14262	0.0235201	1.44491	1.44491	0.110476	1.26698	1.26698	0.635342	1.06715	1.06715	12.5941	3.69207	0.260586	1
cg27485368	ERC1;ERC1;ERC1;ERC1;ERC1	0.00099182	0.0243917	1.4977	1.4977	0.00329402	0.547199	-1.82749	0.00206837	0.520371	-1.9217	0.0132735	1.58741	1.58741	0.331036	0.85982	-1.16303	0.169889	1.24627	1.24627	0.00116097	2.05117	2.05117	0.0791252	0.745609	-1.34119	0.0152676	0.638528	-1.5661	11.794	4.23584	0.319247	1
cg01784549	ERC1;ERC1;ERC1;ERC1;ERC1	0.00157066	0.0196609	1.68985	1.68985	6.45E-05	0.254872	-3.92353	0.0940902	0.709867	-1.40871	0.0180155	0.5857	-1.70736	0.0987108	1.40082	1.40082	0.339781	1.201	1.201	0.552261	1.11845	1.11845	0.0891388	0.70539	-1.41765	0.24047	0.795499	-1.25707	10.3415	5.67635	0.487902	1
cg14576128	ERC1;ERC1;ERC1;ERC1;ERC1	0.00236249	0.00566391	0.675362	-1.48069	0.00130392	0.602749	-1.65907	0.201331	0.864232	-1.1571	0.510135	1.07491	1.07491	0.213121	0.867815	-1.15232	0.0025894	0.636705	-1.57059	0.467488	0.923168	-1.08323	0.00182611	1.61437	1.61437	0.687186	0.957172	-1.04474	9.18349	1.70063	0.164607	1
cg12142888	ERC1;ERC1;ERC1;ERC1;ERC1	0.00409778	0.308628	0.881177	-1.13485	0.00213586	0.595762	-1.67852	0.0142375	0.695603	-1.4376	0.112972	1.2301	1.2301	0.00783939	1.50626	1.50626	0.0149366	0.698172	-1.43231	0.686831	1.04986	1.04986	0.229953	0.85967	-1.16324	0.00868368	0.669301	-1.4941	7.7955	1.77925	0.202881	1
cg15437457	ERC1;ERC1;ERC1;ERC1;ERC1	0.00799357	0.931922	1.02395	1.02395	0.585587	0.858555	-1.16475	0.91038	1.03168	1.03168	0.00459063	0.35165	-2.84374	0.00313583	0.326716	-3.06076	0.000697402	0.238692	-4.18951	0.775204	1.08254	1.08254	0.860639	1.04988	1.04988	0.850036	0.948922	-1.05383	6.34575	7.71099	1.08013	1
cg03507641	ERC1;ERC1;ERC1;ERC1;ERC1	0.00908908	0.00118494	0.217472	-4.5983	0.708456	1.12809	1.12809	0.0345372	0.453428	-2.20542	0.0781321	0.533651	-1.87389	0.00291485	0.269157	-3.7153	0.327111	0.722818	-1.38347	0.0919928	0.551468	-1.81334	0.766187	1.10041	1.10041	0.00657421	0.32223	-3.10338	6.09329	9.93535	1.44937	1
cg17046247	ERC1;ERC1;ERC1;ERC1;ERC1	0.0128527	0.201707	0.651258	-1.53549	0.76276	0.908189	-1.10109	0.991179	1.00352	1.00352	0.276263	0.6975	-1.43369	0.00379201	0.288724	-3.46351	0.199056	0.649425	-1.53982	0.00204285	0.250893	-3.98576	0.207171	1.52675	1.52675	0.00679862	0.327718	-3.05141	5.45039	8.73483	1.42454	1
cg16046261	ERC1;ERC1;ERC1;ERC1;ERC1	0.0463499	0.128593	0.715598	-1.39743	0.00267127	0.429107	-2.33042	0.084338	0.67772	-1.47554	0.294159	0.80117	-1.24817	0.234338	0.775701	-1.28916	0.0325363	0.600628	-1.66493	0.309887	1.23873	1.23873	0.79177	0.947519	-1.05539	0.123833	0.712088	-1.40432	3.48665	2.29212	0.584354	1
cg25331309	ERC2	3.25E-05	0.323601	0.929057	-1.07636	0.187376	0.904064	-1.10612	0.962094	1.00344	1.00344	0.0805865	0.869465	-1.15013	0.000343498	1.51585	1.51585	0.0899894	1.1444	1.1444	4.86E-07	2.76846	2.76846	0.0149551	1.24106	1.24106	0.244857	1.09178	1.09178	29.8191	2.4604	0.0733428	1
cg26435149	ERC2	5.71E-05	0.000103788	0.438303	-2.28153	0.000718741	0.538724	-1.85624	3.44E-05	0.381808	-2.61912	5.11E-05	0.401863	-2.48841	5.24E-05	0.403219	-2.48004	0.0518557	0.766554	-1.30454	0.159749	0.834841	-1.19783	0.486468	1.08868	1.08868	9.26E-05	0.432443	-2.31244	25.7013	5.87732	0.203269	1
cg04953935	ERC2	7.73E-05	0.0025072	0.514834	-1.94238	0.00677464	0.574077	-1.74193	0.270029	0.833908	-1.19917	0.273001	1.19772	1.19772	0.00616228	0.568337	-1.75952	0.00185436	0.497247	-2.01107	1.41E-06	0.143237	-6.98141	0.00220285	0.507267	-1.97135	0.36793	1.15749	1.15749	23.7175	9.39429	0.352081	1
cg16697996	ERC2	0.000164768	0.142178	0.775451	-1.28957	0.0114732	0.600652	-1.66486	0.101051	0.748699	-1.33565	0.222244	0.813228	-1.22967	2.46E-06	0.158734	-6.29983	0.0245463	0.649423	-1.53983	0.0158249	1.6103	1.6103	0.694111	1.06578	1.06578	0.379915	1.15623	1.15623	19.3602	7.96467	0.365684	1
cg15689036	ERC2	0.000434005	0.612904	1.07882	1.07882	0.25161	0.836847	-1.19496	0.0995513	1.30793	1.30793	0.973445	1.00496	1.00496	9.47E-06	0.241634	-4.13849	0.736823	0.951079	-1.05144	0.00726095	1.67365	1.67365	0.428282	0.886687	-1.12779	0.050378	1.39331	1.39331	14.8617	5.2053	0.311333	1
cg17622131	ERC2	0.000702024	0.000279779	0.329569	-3.03426	0.0268927	0.61287	-1.63167	?	?	?	0.113864	0.725205	-1.37892	5.13E-05	0.242665	-4.12091	0.614858	0.909588	-1.0994	0.00258218	0.458306	-2.18195	0.802105	1.04802	1.04802	0.0463652	0.65296	-1.53149	13.3134	6.53937	0.491187	1
cg14574951	ERC2	0.000867479	0.00823803	0.363057	-2.75439	3.82E-05	0.0936282	-10.6805	0.0149428	0.407697	-2.4528	0.136467	0.618167	-1.61769	0.00544481	0.334108	-2.99305	0.00262119	0.286768	-3.48713	0.000775807	0.217626	-4.59503	0.00887754	0.36846	-2.714	0.355905	0.752237	-1.32937	12.2493	17.4382	1.26542	1
cg05070265	ERC2	0.00104516	0.00348153	0.352421	-2.83751	0.0284537	0.506533	-1.9742	0.0139759	0.450029	-2.22208	0.0713486	0.588757	-1.69849	2.88E-05	0.115305	-8.67268	0.157763	0.672137	-1.48779	0.00404243	0.362208	-2.76084	0.997766	0.999264	-1.00074	0.00394275	0.360561	-2.77345	11.62	12.7327	0.974013	1
cg00557536	ERC2	0.003256	0.00816467	0.45631	-2.19149	0.0217257	1.89368	1.89368	0.316919	1.27097	1.27097	0.524489	1.16122	1.16122	0.000189658	0.232625	-4.29876	0.0383883	0.573479	-1.74374	0.595424	0.883201	-1.13224	0.62579	1.12064	1.12064	0.230824	0.74728	-1.33819	8.35216	7.10492	0.75615	1
cg00168439	ERC2	0.00462161	0.118	0.718921	-1.39097	0.00200042	0.428239	-2.33514	0.488777	0.872211	-1.14651	0.012566	0.54692	-1.82842	0.224669	1.2814	1.2814	0.134126	0.730467	-1.36899	0.00153314	2.42645	2.42645	0.793418	0.950256	-1.05235	0.269527	1.2505	1.2505	7.51661	4.49963	0.532111	1
cg22133777	ERC2	0.00812576	0.0240255	0.356883	-2.80204	0.00213858	0.191855	-5.21226	0.00140869	0.170398	-5.86862	0.154405	0.557938	-1.79231	0.00547696	0.247064	-4.04753	0.030478	0.377815	-2.6468	0.0614369	0.446405	-2.24012	0.662053	1.18334	1.18334	0.303693	0.665137	-1.50345	6.31307	14.6489	2.06259	1
cg17578322	ERC2	0.00871173	0.358574	0.766189	-1.30516	0.0314346	0.49069	-2.03795	0.357177	0.765561	-1.30623	0.812268	1.06942	1.06942	0.005872	0.361626	-2.76528	0.04851	0.529495	-1.88859	0.000979374	0.250816	-3.98699	0.967805	0.988679	-1.01145	0.00282519	0.313417	-3.19063	6.17577	7.78432	1.12041	1
cg13491490	ERC2	0.0101654	0.0826988	0.62788	-1.59266	0.966799	1.01013	1.01013	0.000489578	0.266381	-3.75403	0.0197616	0.505745	-1.97728	0.825637	1.05489	1.05489	0.440231	1.21	1.21	0.0761291	1.61275	1.61275	0.81662	1.05787	1.05787	0.122975	0.667175	-1.49886	5.87967	5.46167	0.825696	1
cg14671809	ERC2	0.0101906	0.00058677	0.31544	-3.17018	0.346489	1.23436	1.23436	0.0283522	0.570009	-1.75436	0.0945245	0.670886	-1.49057	0.0184957	0.537689	-1.85981	0.0725223	0.647135	-1.54527	0.962493	0.989839	-1.01027	0.743272	1.07399	1.07399	0.021764	0.549833	-1.81874	5.87501	4.38911	0.664072	1
cg15787389	ERC2	0.0107846	0.614468	0.898572	-1.11288	0.000615626	0.329441	-3.03545	0.00913354	0.497926	-2.00833	0.64009	1.10424	1.10424	0.160398	0.729223	-1.37132	0.7838	1.05962	1.05962	0.0534108	1.58726	1.58726	0.148407	0.721504	-1.38599	0.812873	0.951292	-1.0512	5.76914	4.05133	0.624215	1
cg22547978	ERC2	0.0185702	0.957085	1.00881	1.00881	0.0170727	1.60619	1.60619	0.838827	0.967355	-1.03375	0.160483	0.783222	-1.27678	0.130417	1.30501	1.30501	0.0157832	1.61934	1.61934	0.00181862	2.05925	2.05925	0.431592	1.13976	1.13976	0.552225	0.906645	-1.10297	4.82419	2.02928	0.373907	1
cg20543426	ERC2	0.0308747	0.0204303	0.223819	-4.46789	0.0351565	0.26854	-3.72384	0.0068538	0.153185	-6.52807	0.189053	0.47451	-2.10744	0.00439723	0.130366	-7.67074	0.0858002	0.361583	-2.76562	0.053513	0.308847	-3.23785	0.139794	0.42688	-2.34258	0.229641	0.508981	-1.96471	4.04526	18.3912	4.04121	1
cg24436196	ERC2	0.0315488	0.0147337	0.382141	-2.61684	0.025072	0.425669	-2.34924	0.00525699	0.307432	-3.25276	0.0901156	0.549576	-1.81958	0.0147719	0.382343	-2.61545	0.235235	0.671201	-1.48987	0.128179	0.590347	-1.69392	0.602738	1.18327	1.18327	0.446508	0.779839	-1.28232	4.01421	6.5296	1.44589	1
cg05616959	ERC2	0.033327	0.0490744	0.316021	-3.16435	0.00322078	0.127318	-7.85435	0.0375041	0.290082	-3.4473	0.257446	0.545549	-1.83302	0.0262187	0.258695	-3.86556	0.115686	0.416115	-2.40318	0.0127273	0.204481	-4.89043	0.107972	0.406871	-2.45778	0.111959	0.411699	-2.42896	3.93608	16.3887	3.70109	1
cg08099115	ERC2	0.0334954	0.127294	0.651046	-1.53599	0.00614901	0.394439	-2.53525	0.0215879	0.487676	-2.05054	0.563551	0.85901	-1.16413	0.00532163	0.384532	-2.60056	0.216397	0.712796	-1.40293	0.675678	1.11573	1.11573	0.600134	0.871392	-1.14759	0.0553738	0.568243	-1.75981	3.92894	4.21499	0.953604	1
cg00454650	ERC2	0.0340717	0.321028	0.820791	-1.21834	0.00647205	0.505671	-1.97757	0.18087	0.760595	-1.31476	0.460576	1.1557	1.1557	0.0161828	0.567433	-1.76232	0.201588	1.29661	1.29661	0.0768374	1.46085	1.46085	0.630347	1.0979	1.0979	0.570638	0.895482	-1.11672	3.90487	2.29452	0.522315	1
cg11165254	ERC2	0.0401399	0.0376968	0.146277	-6.83636	0.0111565	0.0791342	-12.6368	0.0165308	0.0968023	-10.3303	0.249151	0.382688	-2.6131	0.0156633	0.0941855	-10.6173	0.249053	0.382605	-2.61366	0.0136208	0.0876992	-11.4026	0.218902	0.356601	-2.80425	0.115629	0.25566	-3.91144	3.6784	37.0473	8.95251	1
cg07100595	ERC2	0.0453227	0.607046	1.13474	1.13474	0.261057	0.751553	-1.33058	0.627782	0.88776	-1.12643	0.0516521	0.582923	-1.71549	0.585055	0.874281	-1.1438	0.0200341	0.504693	-1.9814	0.269215	0.755499	-1.32363	0.283621	0.762281	-1.31185	0.00196936	0.344476	-2.90296	3.5161	3.30643	0.835884	1
cg14614917	ERC2	0.0476119	0.342357	0.705595	-1.41724	0.368161	0.719293	-1.39025	0.169657	0.593665	-1.68445	0.543348	0.8031	-1.24517	0.255343	0.65489	-1.52697	0.881584	1.05457	1.05457	0.0251425	2.58399	2.58399	0.00538554	3.69153	3.69153	0.82565	0.924373	-1.08181	3.45154	6.94543	1.78869	1
cg23210148	ERCC1;ERCC1;ERCC1	0.00564608	0.0309066	1.30246	1.30246	0.110743	0.834264	-1.19866	0.0224829	1.32982	1.32982	0.301034	1.11822	1.11822	0.859605	1.01863	1.01863	0.203536	1.15021	1.15021	0.000627705	0.57799	-1.73013	0.0401898	1.28044	1.28044	0.202364	1.15068	1.15068	7.07038	1.21756	0.153072	1
cg02987130	ERCC1;ERCC1;ERCC1	0.0186774	0.690056	1.06682	1.06682	0.0950288	1.34451	1.34451	0.080702	1.36694	1.36694	0.175446	0.792548	-1.26175	0.00116148	0.463115	-2.15929	0.444235	0.881737	-1.13413	0.130301	1.30172	1.30172	0.589773	1.09181	1.09181	0.308205	0.843498	-1.18554	4.81483	1.9857	0.366589	1
cg08841952	ERCC1;ERCC1;ERCC1	0.0249818	0.73704	0.960387	-1.04125	0.00839112	0.667732	-1.49761	0.0133105	1.4446	1.4446	0.685323	0.952314	-1.05007	0.601962	0.938834	-1.06515	0.212478	1.17058	1.17058	0.0657481	0.780624	-1.28103	0.0876573	0.797629	-1.25372	0.129232	1.21728	1.21728	4.35834	0.992963	0.202516	1
cg11344352	ERCC1;ERCC1;ERCC1	0.0318373	0.0306999	0.297458	-3.36182	0.50635	0.724655	-1.37997	0.743245	1.17	1.17	0.543592	0.745531	-1.34133	0.202117	0.525552	-1.90276	0.880241	0.930518	-1.07467	0.000907695	0.0934656	-10.6991	0.0558531	0.355313	-2.81442	0.164804	0.492706	-2.02961	4.00117	14.4582	3.21199	1
cg01573445	ERCC1;ERCC1;ERCC1	0.0466303	0.0683906	0.716533	-1.39561	0.257115	0.824302	-1.21315	0.681794	0.934867	-1.06967	0.491915	0.892226	-1.12079	0.736091	1.05682	1.05682	0.0332901	0.666014	-1.50147	0.00252269	0.504027	-1.98402	0.306919	0.841307	-1.18863	0.254185	1.21473	1.21473	3.47874	1.47047	0.375734	1
cg24040966	ERCC1;ERCC1;ERCC1;ERCC1	0.00540494	0.57902	0.784583	-1.27456	0.183293	0.540181	-1.85123	0.0117256	0.244008	-4.09822	0.0357168	2.95066	2.95066	0.978887	0.988627	-1.0115	0.0229708	3.35245	3.35245	0.000398428	0.0718101	-13.9256	0.631185	0.811155	-1.23281	0.730816	0.861262	-1.16109	8.2942	24.023	2.25273	1
cg17378989	ERCC1;ERCC1;ERCC1;ERCC1	0.0194989	0.0827693	0.26626	-3.75572	0.364623	1.89962	1.89962	0.000417149	0.0211743	-47.2272	0.459257	1.68039	1.68039	0.542229	0.653822	-1.52947	0.536635	1.53875	1.53875	0.497835	0.622487	-1.60646	0.530159	1.54964	1.54964	0.588363	0.686352	-1.45698	4.74525	35.6543	6.67883	1
cg15573783	ERCC1;ERCC1;ERCC1;ERCC1;ERCC1	0.0018842	0.154415	1.15965	1.15965	0.0017953	1.53973	1.53973	0.0290597	1.284	1.284	0.543327	1.0616	1.0616	0.80279	0.975979	-1.02461	0.12999	0.85306	-1.17225	0.126463	0.851601	-1.17426	0.000487512	1.70078	1.70078	0.000917176	1.61827	1.61827	9.81071	1.46703	0.132918	1
cg09783209	ERCC2;ERCC2	3.89E-06	3.21E-06	0.387395	-2.58134	0.000269268	1.67169	1.67169	0.00209365	1.45092	1.45092	1.77E-05	0.470171	-2.12688	0.00555576	0.731088	-1.36782	5.01E-06	0.409002	-2.44498	0.195999	0.889082	-1.12476	0.00276418	1.4261	1.4261	0.003214	1.41304	1.41304	51.7797	6.0625	0.104073	1
cg07950158	ERCC2;ERCC2	0.000418506	0.657557	0.977789	-1.02272	0.454896	0.962403	-1.03907	0.0923817	0.910961	-1.09774	0.00082513	0.775989	-1.28868	0.800965	1.0128	1.0128	0.303241	1.05516	1.05516	0.0891438	0.909933	-1.09898	1.16E-05	0.62632	-1.59663	0.00128239	0.789502	-1.26662	15.0117	0.602652	0.0356848	1
cg02595770	ERCC2;ERCC2	0.00228981	0.374156	0.783011	-1.27712	7.15E-05	0.143617	-6.96296	0.613577	0.872373	-1.1463	0.493286	0.829809	-1.2051	0.000884989	0.262925	-3.80337	0.861344	0.954204	-1.04799	0.25623	1.37407	1.37407	0.29818	0.748888	-1.33531	0.726204	1.09886	1.09886	9.26805	10.5539	1.01221	1
cg14570121	ERCC2;ERCC2	0.00368006	0.013319	1.82106	1.82106	0.0855078	0.689656	-1.45	0.476912	0.868166	-1.15185	0.558058	1.12276	1.12276	0.0198776	0.577222	-1.73244	0.0642181	1.50156	1.50156	0.000399414	0.332452	-3.00795	0.0720589	1.48064	1.48064	0.987671	0.996984	-1.00303	8.05185	4.87278	0.537933	1
cg01587190	ERCC2;ERCC2	0.00640563	0.0509845	2.37094	2.37094	0.297932	1.52048	1.52048	0.198878	1.69423	1.69423	0.0667889	2.22133	2.22133	0.521765	1.28681	1.28681	0.281092	0.647222	-1.54506	0.89625	1.05197	1.05197	0.272442	1.55832	1.55832	0.000245809	0.0951427	-10.5105	6.80015	16.2427	2.12318	1
cg06245154	ERCC2;ERCC2	0.00756181	0.676905	0.944613	-1.05863	0.845759	0.973865	-1.02684	0.00260538	1.76313	1.76313	0.240773	1.18174	1.18174	0.903467	0.983637	-1.01663	0.92313	0.986962	-1.01321	0.00140086	0.533013	-1.87613	0.016416	0.671151	-1.48998	0.374721	0.883481	-1.13189	6.45738	1.89087	0.260287	1
cg03117793	ERCC2;ERCC2	0.00999702	0.000218011	0.190887	-5.23869	0.752937	1.08852	1.08852	0.653751	0.885787	-1.12894	0.9713	0.990383	-1.00971	0.956853	0.985572	-1.01464	0.0986535	0.614823	-1.62648	0.0748785	1.70382	1.70382	0.832222	0.944608	-1.05864	0.105041	0.621403	-1.60926	5.91118	6.75471	1.01573	1
cg27517897	ERCC2;ERCC2	0.010005	0.0144143	0.594035	-1.6834	0.52051	0.89361	-1.11906	0.0223033	0.623155	-1.60474	0.00127398	0.44414	-2.25154	0.0016547	0.459519	-2.17619	0.765857	0.949731	-1.05293	0.28738	0.826319	-1.21019	0.992197	0.998312	-1.00169	0.855003	1.0321	1.0321	5.90968	2.79157	0.419887	1
cg04878842	ERCC2;ERCC2	0.0125827	0.274125	1.35917	1.35917	0.00167167	3.36061	3.36061	0.00491285	2.73181	2.73181	0.205303	1.43385	1.43385	0.478494	1.21447	1.21447	0.344795	1.30006	1.30006	0.0724273	0.582407	-1.71701	0.095376	0.610127	-1.639	0.469649	1.21941	1.21941	5.48824	6.32114	1.02379	1
cg01518138	ERCC2;ERCC2	0.0132847	0.00525912	0.399528	-2.50295	0.12806	0.663558	-1.50703	0.0704957	0.604138	-1.65525	0.0917023	1.58871	1.58871	0.0038849	0.379313	-2.63634	0.110257	1.5433	1.5433	0.296768	0.763616	-1.30956	0.961151	1.01222	1.01222	0.303722	1.30416	1.30416	5.39183	5.30732	0.874956	1
cg20674128	ERCC2;ERCC2	0.0156319	0.828846	1.0821	1.0821	0.633118	0.839239	-1.19156	0.63295	0.839165	-1.19166	0.00736777	0.284062	-3.52036	0.000881105	0.162531	-6.15269	0.432435	0.746791	-1.33906	0.114892	1.86786	1.86786	0.390589	1.37796	1.37796	0.277913	0.662855	-1.50863	5.11036	10.7495	1.86976	1
cg01599094	ERCC2;ERCC2	0.0177049	0.248414	0.715501	-1.39762	0.000490173	0.219753	-4.55056	0.387197	0.78198	-1.2788	0.683197	0.892394	-1.12058	0.0232617	0.471183	-2.12232	0.0361305	0.508573	-1.96628	0.378468	1.28494	1.28494	0.377058	0.777638	-1.28595	0.802665	0.932884	-1.07194	4.90228	5.97714	1.08378	1
cg02257300	ERCC2;ERCC2	0.0229248	0.0584592	1.25583	1.25583	0.557243	1.06529	1.06529	0.00566599	0.679275	-1.47216	0.08273	1.2272	1.2272	0.026774	1.32256	1.32256	0.083208	0.815179	-1.22672	0.361114	0.904813	-1.1052	0.426677	1.09033	1.09033	0.569317	0.940561	-1.0632	4.48992	0.807279	0.15982	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24180227	ERCC2;ERCC2	0.0321703	0.0188761	0.507968	-1.96863	0.0688155	0.615679	-1.62422	0.0466721	0.58129	-1.72031	0.481707	0.843397	-1.18568	0.0144611	0.487848	-2.04982
cg17212420	ERCC2;ERCC2	0.0376356	0.133491	0.82601	-1.21064	0.478382	1.08885	1.08885	0.0660518	0.783858	-1.27574	0.362694	0.895396	-1.11682	0.479404	0.91859	-1.08862
cg26522792	ERCC3	0.00136296	0.51274	0.915299	-1.09254	0.0818698	0.773336	-1.2931	7.10E-05	0.380687	-2.62683	0.255179	1.17161	1.17161	0.798179	0.966416	-1.03475
cg08491733	ERCC3	0.00638633	0.0568675	1.40384	1.40384	0.0865655	0.742327	-1.34712	0.00324436	0.531591	-1.88115	0.225949	1.22157	1.22157	0.366015	0.864003	-1.1574
cg26107076	ERCC3	0.0167698	0.000876596	0.200443	-4.98895	0.231495	0.66747	-1.4982	0.00214566	0.249414	-4.0094	0.704942	0.884669	-1.13037	0.742122	0.899099	-1.11222
cg14306819	ERCC3	0.0448337	0.34138	0.808281	-1.23719	0.251932	1.29671	1.29671	0.160467	0.722162	-1.38473	0.198077	0.744292	-1.34356	0.128583	1.42846	1.42846
cg08387426	ERCC4	3.12E-05	0.0470911	1.35928	1.35928	0.000116031	0.401465	-2.49087	0.138003	0.805936	-1.24079	0.00553716	0.611145	-1.63627	1.70E-05	0.303632	-3.29346
cg24091698	ERCC4	0.00325393	0.0312943	1.51917	1.51917	0.00298294	1.96269	1.96269	0.00919395	1.72874	1.72874	0.0519076	0.69344	-1.44209	0.000440803	2.50589	2.50589
cg09645331	ERCC4	0.0103503	0.134734	0.709693	-1.40906	0.0335116	1.69586	1.69586	0.045537	1.62848	1.62848	?	?	?	0.00450751	0.447065	-2.23681
cg05348793	ERCC4	0.0117688	0.0229032	0.639632	-1.5634	0.0168766	0.619671	-1.61376	0.171105	0.787219	-1.27029	0.623749	0.922038	-1.08455	0.335017	0.849403	-1.1773
cg10272801	ERCC4	0.0146006	0.548589	0.907791	-1.10157	0.191814	0.802347	-1.24634	0.0768101	0.730783	-1.3684	0.154998	1.27451	1.27451	0.41778	0.87637	-1.14107
cg05509251	ERCC4	0.0216544	0.226856	1.32989	1.32989	0.0649579	0.62772	-1.59307	0.0433522	0.593267	-1.68558	0.202472	0.739078	-1.35304	0.0396157	0.58585	-1.70692
cg08296903	ERCC4	0.0313793	0.0340823	3.38905	3.38905	0.0413302	3.1943	3.1943	0.0259647	3.68546	3.68546	0.0972168	2.45529	2.45529	0.0727321	2.68582	2.68582
cg08317267	ERCC5	1.67E-05	0.367842	1.05404	1.05404	2.62E-05	1.60549	1.60549	7.10E-05	0.662175	-1.51018	0.0115202	1.197	1.197	0.232815	0.931285	-1.07379
cg20374041	ERCC5	0.00148366	0.00600215	1.32351	1.32351	0.000286908	0.629947	-1.58744	0.0335688	0.823826	-1.21385	0.0483306	0.838524	-1.19257	0.6307	1.03853	1.03853
cg17615682	ERCC5	0.00195529	0.505018	0.851856	-1.17391	0.0213847	1.92597	1.92597	0.134148	1.46653	1.46653	0.0394653	0.568573	-1.75879	0.29071	0.771125	-1.29681
cg14904079	ERCC5	0.00365422	0.897924	1.04521	1.04521	0.0201788	0.380857	-2.62566	0.984788	1.00659	1.00659	0.0181864	0.372319	-2.68587	0.000931734	0.182211	-5.48815
cg06178915	ERCC5	0.00367972	0.248415	0.852897	-1.17247	0.0214292	1.43976	1.43976	0.0192805	1.45249	1.45249	0.746982	1.04361	1.04361	0.128994	0.805458	-1.24153
cg10258411	ERCC5	0.003851	0.780069	1.06249	1.06249	0.101744	1.47391	1.47391	0.259941	1.28977	1.28977	0.287901	1.26988	1.26988	0.00062451	0.320037	-3.12464
cg00691940	ERCC5	0.00575178	0.0818539	0.664778	-1.50426	0.267416	1.27717	1.27717	0.35764	0.818468	-1.2218	0.0245765	0.567224	-1.76297	0.000257855	0.279808	-3.57388
cg04121866	ERCC5	0.0096701	0.00262765	0.611854	-1.63438	0.172409	0.842551	-1.18687	0.00668165	1.51449	1.51449	0.155355	0.835805	-1.19645	0.935657	0.990521	-1.00957
cg23044680	ERCC5	0.0098652	0.00462514	0.218784	-4.57072	0.0333642	0.366836	-2.72601	0.0907501	0.471631	-2.1203	0.0325236	0.364491	-2.74355	0.276402	0.633426	-1.57872
cg22277700	ERCC5	0.0358443	0.155064	1.18609	1.18609	0.242639	0.871846	-1.14699	0.0327764	1.32329	1.32329	0.773965	0.96822	-1.03282	0.36078	1.11112	1.11112
cg21263273	ERCC5	0.0396789	0.806606	1.09935	1.09935	0.0778885	2.1311	2.1311	0.133384	1.86873	1.86873	0.0629647	2.24307	2.24307	0.00316093	0.210659	-4.747
cg22788080	ERCC6	0.00259593	0.12784	1.61573	1.61573	0.471445	1.23799	1.23799	9.66E-05	0.132499	-7.54724	0.130926	1.60854	1.60854	?	?	?
cg06437173	ERCC6	0.00289205	0.0493471	0.520681	-1.92056	0.00433359	0.329809	-3.03206	0.354578	0.757997	-1.31927	0.13253	0.623615	-1.60355	0.000571523	0.211864	-4.72001
cg07001545	ERCC6	0.00535886	0.603674	1.10786	1.10786	0.000956664	0.38198	-2.61794	0.0596556	0.659897	-1.51539	0.906964	1.02313	1.02313	0.000691837	0.363214	-2.7532
cg16161657	ERCC6	0.0194765	0.00329288	0.646659	-1.54641	0.0600671	0.793796	-1.25977	0.0744567	0.805439	-1.24156	0.00906065	0.696908	-1.43491	0.343041	0.899111	-1.11221
cg00025044	ERCC6	0.0197979	0.00180627	0.0952789	-10.4955	0.0422047	0.289409	-3.45532	0.165309	0.456547	-2.19036	0.16093	0.452319	-2.21083	0.00523227	0.142041	-7.0402
cg27540823	ERCC6	0.0205319	0.00354261	0.0606516	-16.4876	?	?	?	?	?	?	0.652138	1.33168	1.33168	0.280974	2.04539	2.04539
cg23926543	ERCC6	0.020634	0.00367839	0.232131	-4.30791	0.100684	0.512336	-1.95184	0.0409998	0.415961	-2.40407	0.276304	0.656264	-1.52378	0.00810581	0.283384	-3.52878
cg10232140	ERCC6	0.0331921	0.0319826	0.558442	-1.79069	0.0653434	1.61548	1.61548	0.0188769	1.93355	1.93355	0.144359	0.695201	-1.43843	0.153135	1.42573	1.42573
cg15490694	ERCC6;ERCC6	0.00154963	0.437263	0.882377	-1.1333	0.0561001	1.40728	1.40728	0.757993	1.05001	1.05001	0.117057	0.764257	-1.30846	0.000400202	0.410912	-2.43361

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24180227	0.00853468	0.449636	-2.22402	0.828279	0.949579	-1.0531	0.150929	0.69309	-1.44281	0.0113372	0.469959	-2.12784	3.9863	3.58121	0.79856	1
cg17212420	0.926829	1.01091	1.01091	0.00432419	1.56905	1.56905	0.0573979	1.28897	1.28897	0.407136	0.904705	-1.10533	3.76638	0.832005	0.196358	1
cg26522792	0.00770083	1.57852	1.57852	0.00681954	1.59565	1.59565	0.959275	1.00683	1.00683	0.715418	0.952357	-1.05003	10.7721	3.03227	0.250216	1
cg08491733	0.0745689	0.731502	-1.36705	0.00115146	0.47148	-2.12098	0.302708	0.84532	-1.18298	0.0189065	0.639247	-1.56434	6.80651	2.67058	0.348761	1
cg26107076	0.0908516	0.548794	-1.82218	0.904289	0.961992	-1.03951	0.684383	0.876653	-1.1407	0.426767	0.76998	-1.29874	4.99218	8.2039	1.46075	1
cg14306819	0.199947	1.34173	1.34173	0.00661475	2.14978	2.14978	0.338154	1.23907	1.23907	0.11254	0.687254	-1.45507	3.53041	2.63535	0.663529	1
cg08387426	0.000110027	0.398678	-2.50829	1.22E-05	0.287332	-3.4803	0.299571	1.1563	1.1563	0.00017334	0.422632	-2.36612	30.157	8.71585	0.256903	1
cg24091698	0.0108994	1.69723	1.69723	0.0679969	1.40257	1.40257	0.165308	1.27756	1.27756	0.0616213	1.41687	1.41687	8.35375	3.62456	0.385674	1
cg09645331	0.440728	0.846033	-1.18199	0.00748739	0.480885	-2.0795	0.474853	1.16712	1.16712	0.943507	0.985042	-1.01518	5.96229	3.79593	0.636656	1
cg05348793	0.0949794	0.739911	-1.35151	0.809101	1.04054	1.04054	0.767062	1.04998	1.04998	0.000332307	0.38641	-2.58792	5.60877	2.39421	0.37944	1
cg10272801	0.113836	0.760203	-1.31544	0.000292095	0.390232	-2.56258	0.269895	0.832683	-1.20094	0.51868	0.900978	-1.10991	5.22709	2.10278	0.357587	1
cg05509251	0.0339404	0.573323	-1.74422	0.00137764	0.352538	-2.83658	0.278841	0.77647	-1.28788	0.128579	0.691373	-1.4464	4.57873	3.66118	0.710762	1
cg08296903	0.126795	2.25924	2.25924	0.00281133	7.62425	7.62425	0.0328513	3.42759	3.42759	0.0454314	3.103	3.103	4.02194	15.5134	3.42862	1
cg08317267	0.343085	0.945939	-1.05715	2.28E-06	0.518735	-1.92777	0.281756	0.938332	-1.06572	0.0684878	1.12305	1.12305	35.5173	1.82128	0.0455811	1
cg20374041	0.173467	1.11969	1.11969	0.00350609	1.36222	1.36222	0.123917	1.1389	1.1389	0.90114	0.990346	-1.00975	10.5127	1.01449	0.0857792	1
cg17615682	0.000124924	0.205046	-4.87694	0.00232317	0.364888	-2.74057	0.589752	0.878946	-1.13773	0.868874	1.03994	1.03994	9.70559	8.63672	0.790996	1
cg14904079	0.896638	0.956207	-1.0458	0.0016591	0.212117	-4.71439	0.255072	1.50593	1.50593	0.00262455	0.23808	-4.20027	8.06889	15.1707	1.67125	1
cg06178915	0.000623821	0.499585	-2.00166	0.00425067	0.603763	-1.65628	0.511325	1.09182	1.09182	0.820088	1.0305	1.0305	8.05207	2.21788	0.244837	1
cg10258411	0.0705213	0.64553	-1.54911	0.00143736	0.36868	-2.71238	0.118469	1.44342	1.44342	0.251517	0.771505	-1.29617	7.94276	5.89861	0.660124	1
cg00691940	0.054835	0.630557	-1.5859	0.0160731	0.535874	-1.86611	0.17386	1.35848	1.35848	0.173855	0.736112	-1.35849	7.03014	4.99267	0.631273	1
cg04121866	0.0244533	0.728888	-1.37195	0.159491	1.19404	1.19404	0.163035	1.19202	1.19202	0.443129	0.911885	-1.09663	5.9743	1.3167	0.195906	1
cg23044680	0.00438004	0.215504	-4.64028	0.00137054	0.153664	-6.50769	0.836704	0.920133	-1.0868	0.0229287	0.333706	-2.99665	5.93632	15.2931	2.28995	1
cg22277700	0.810059	1.02737	1.02737	0.00248433	0.624007	-1.60255	0.77791	0.968784	-1.03222	0.562149	1.06794	1.06794	3.83386	0.763806	0.17709	1
cg21263273	0.252556	1.58653	1.58653	0.850846	1.07541	1.07541	0.985331	0.992925	-1.00713	0.603187	1.2245	1.2245	3.69408	8.72593	2.09968	1
cg22788080	0.0546762	1.8874	1.8874	0.799553	1.07697	1.07697	0.572921	0.84703	-1.1806	0.131402	1.60745	1.60745	9.13346	10.9212	1.19573	1
cg06437173	0.000244429	0.171405	-5.83414	0.0288934	0.472598	-2.11596	0.158312	0.64483	-1.5508	0.0118412	0.400842	-2.49475	8.65169	11.5976	1.19155	1
cg07001545	0.0963635	1.42912	1.42912	0.215752	0.775068	-1.29021	0.872266	1.03197	1.03197	0.79528	1.05217	1.05217	7.18463	4.35233	0.538474	1
cg16161657	0.234135	0.873026	-1.14544	0.00435321	0.660497	-1.51401	0.655803	1.05005	1.05005	0.120068	0.832272	-1.20153	4.7471	0.891151	0.166867	1
cg00025044	0.0538957	0.313652	-3.18825	0.981308	0.987665	-1.01249	0.13094	0.421446	-2.37279	0.021557	0.231705	-4.31584	4.72082	20.9869	3.95165	1
cg27540823	0.432546	0.601652	-1.66209	?	?	?	0.399132	0.577992	-1.73013	0.00954327	0.103984	-9.61685	6.32319	25.214	3.98754	1
cg23926543	0.147672	0.561146	-1.78207	0.0053608	0.255638	-3.91177	0.817819	0.917758	-1.08961	0.038167	0.409133	-2.44419	4.65486	10.1991	1.94761	1
cg10232140	0.137743	1.44857	1.44857	0.0747179	0.631119	-1.58449	0.720278	0.920013	-1.08694	0.908055	0.973569	-1.02715	3.94182	3.35583	0.756747	1
cg15490694	0.0015345	0.486803	-2.05422	0.000560443	0.429621	-2.32763	0.246796	1.21075	1.21075	0.208626	0.811139	-1.23283	10.3818	4.10017	0.351057	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07163719	ERICH1	0.03291	0.142054	0.618676	-1.61636	0.141896	0.61854	-1.61671	0.0492032	0.505127	-1.9797	0.117416	0.596116	-1.67753	0.0273292	0.4519	-2.21288
cg03824533	ERICH1	0.0408675	0.216839	0.758822	-1.31783	0.639003	0.904523	-1.10555	0.470288	0.855559	-1.16883	0.144218	0.716647	-1.39539	0.00217632	0.401161	-2.49276
cg07795888	ERICH1	0.0427429	0.0295593	0.732285	-1.36559	0.0258454	0.724843	-1.37961	0.0104351	0.67561	-1.48014	0.399689	0.900459	-1.11054	0.567226	1.07286	1.07286
cg04670874	ERICH1	0.045676	0.0892474	0.259087	-3.85971	0.737266	0.784536	-1.27464	0.0336933	0.16735	-5.97549	0.754699	1.25345	1.25345	0.00780862	0.0853355	-11.7184
cg22843129	ERICH1	0.0458768	0.188604	0.693197	-1.44259	0.663272	0.891145	-1.12215	0.0797037	0.599527	-1.66798	0.847716	1.05188	1.05188	0.00232585	0.326721	-3.06071
cg26974276	ERICH1	0.0463214	0.0169065	0.0727863	-13.7388	0.601009	0.622214	-1.60716	0.0384678	0.115758	-8.63874	0.321057	0.397765	-2.51405	0.0220902	0.084751	-11.7993
cg07228441	ERICH1;ERICH1	0.0062753	0.00226162	0.647603	-1.54416	0.171457	0.862386	-1.15957	0.303407	1.11449	1.11449	0.304973	0.897609	-1.11407	0.0389618	0.784245	-1.27511
cg21853250	ERICH1;ERICH1	0.0117258	0.863971	1.02469	1.02469	0.0462106	0.722612	-1.38387	0.291008	0.855677	-1.16866	0.203237	1.21051	1.21051	0.410117	1.12729	1.12729
cg00063567	ERLEC1;LOC100302652;ASB3;ASB3;ERLEC1;ERLEC1	0.00696888	0.648	1.11039	1.11039	0.0135853	0.498758	-2.00498	0.158349	0.709267	-1.40991	0.0144538	0.503296	-1.9869	0.212207	0.741309	-1.34897
cg19845649	ERLIN1;ERLIN1	0.00294321	0.0927548	0.513816	-1.94622	0.586361	1.2187	1.2187	0.690169	1.15517	1.15517	0.0203066	2.73784	2.73784	0.0618562	0.469063	-2.13191
cg26543273	ERLIN1;ERLIN1	0.00347543	0.280005	0.789801	-1.26614	0.12963	1.41064	1.41064	0.109349	1.44316	1.44316	0.619654	1.11086	1.11086	0.585242	1.12277	1.12277
cg04668521	ERLIN1;ERLIN1	0.00558313	0.759916	0.961274	-1.04029	0.0158222	0.683231	-1.46363	0.000309639	0.470364	-2.12601	0.668933	1.057	1.057	0.205919	1.1876	1.1876
cg17932911	ERLIN1;ERLIN1	0.00750648	0.00987871	0.538413	-1.85731	0.393797	1.18043	1.18043	0.324629	0.82434	-1.21309	0.100217	0.710333	-1.40779	0.000882337	0.388067	-2.57687
cg04218099	ERLIN1;ERLIN1	0.0481922	0.691062	1.08095	1.08095	0.0706141	0.674543	-1.48248	0.954537	0.988952	-1.01117	0.670755	1.0869	1.0869	0.0119081	0.542465	-1.84344
cg10055386	ERLIN1;ERLIN1;ERLIN1	0.00595849	0.0239927	0.48318	-2.06962	0.309339	1.32869	1.32869	0.682571	1.11748	1.11748	0.214809	0.702763	-1.42295	0.00520701	0.369374	-2.70728
cg25511363	ERLIN1;ERLIN1;ERLIN1	0.0072179	0.105922	1.27402	1.27402	0.134553	1.24764	1.24764	0.923107	0.986848	-1.01333	0.982815	1.00296	1.00296	0.424734	0.89423	-1.11828
cg02353418	ERLIN1;ERLIN1;ERLIN1	0.0216174	0.0650811	0.571243	-1.75057	0.98162	1.00625	1.00625	0.870271	1.04518	1.04518	0.00289619	0.330536	-3.02539	0.262771	1.37114	1.37114
cg04793634	ERLIN2;ERLIN2;ERLIN2	0.000151183	0.108655	0.692865	-1.44328	0.360997	0.821269	-1.21763	0.107989	0.6923	-1.44446	0.0140868	0.5297	-1.88786	2.12E-05	0.166072	-6.02149
cg17465233	ERLIN2;ERLIN2;ERLIN2	0.000311491	0.518049	0.922547	-1.08396	8.61E-06	3.28748	3.28748	0.0604548	1.29752	1.29752	0.458161	1.0974	1.0974	0.196928	0.845498	-1.18274
cg02650323	ERLIN2;ERLIN2;ERLIN2	0.00772329	0.0105792	0.418326	-2.39048	0.22607	0.708554	-1.41132	0.00175916	0.298802	-3.3467	0.106551	0.620256	-1.61224	0.0194985	0.465224	-2.1495
cg06994936	ERLIN2;ERLIN2;ERLIN2	0.0126837	0.49616	0.824647	-1.21264	0.0102635	0.405482	-2.4662	0.00554612	0.361759	-2.76427	0.1386	0.640918	-1.56026	0.00131532	0.271316	-3.68574
cg16978367	ERLIN2;ERLIN2;ERLIN2	0.0279527	0.683004	0.945993	-1.05709	0.0135852	1.51124	1.51124	0.148554	0.810965	-1.2331	0.909695	0.984774	-1.01546	0.1102	1.26542	1.26542
cg14036776	ERLIN2;ERLIN2;ERLIN2	0.0285976	0.00666971	0.311802	-3.20716	0.0162982	0.378144	-2.6445	0.0200331	0.394895	-2.53232	0.284994	0.692331	-1.4444	0.105594	0.556914	-1.79561
cg24260847	ERLIN2;ERLIN2;ERLIN2	0.0491684	0.128141	0.717756	-1.39323	0.00918754	0.513295	-1.9482	0.023852	0.580619	-1.7223	0.0794492	1.48072	1.48072	0.322256	0.813699	-1.22896
cg12180121	ERLIN2;ERLIN2;ERLIN2;ERLIN2;ERLIN2	0.0260266	0.367646	1.53027	1.53027	?	?	?	0.759833	0.86852	-1.15138	0.0358018	0.325316	-3.07393	0.104134	0.441825	-2.26334
cg09056309	ERLIN2;ERLIN2;ERLIN2;ERLIN2;ERLIN2	0.0437088	0.182384	2.26209	2.26209	0.916357	0.943414	-1.05998	0.0278771	0.198357	-5.04142	0.664419	0.784316	-1.275	0.504643	0.684588	-1.46073
cg20415697	ERMAP	0.0242768	0.121586	0.512312	-1.95194	0.00381347	0.211251	-4.73371	0.00802658	0.258315	-3.87124	0.279622	0.638959	-1.56505	0.0833987	0.465933	-2.14623
cg11580828	ERMAP;CCDC23	0.0080915	0.0671539	0.331364	-3.01783	?	?	?	0.0234637	4.35995	4.35995	?	?	?	0.1583	0.446714	-2.23857
cg15496079	ERMAP;CCDC23	0.00833229	0.0318771	1.35096	1.35096	0.0449978	1.31675	1.31675	0.93404	0.990148	-1.00995	0.189048	0.846684	-1.18108	0.0713046	1.27245	1.27245
cg17330200	ERMAP;CCDC23	0.00923615	0.000859258	0.356776	-2.80288	0.388672	1.19951	1.19951	0.37867	1.2044	1.2044	0.164969	0.737119	-1.35663	0.159238	0.73362	-1.3631
cg12741710	ERMAP;CCDC23	0.0488398	0.219311	0.651525	-1.53486	0.738306	1.11763	1.11763	0.0704435	1.95542	1.95542	0.851516	0.939743	-1.06412	0.0478384	0.47218	-2.11784
cg24141738	ERMAP;CCDC23;CCDC23;ERMAP	0.00620251	0.729467	1.03072	1.03072	0.00225688	1.45145	1.45145	0.101317	1.16927	1.16927	0.482456	0.939673	-1.0642	0.028338	1.2531	1.2531
cg24379122	ERMAP;ERMAP	8.69E-05	0.669326	1.08199	1.08199	0.00979658	1.8203	1.8203	0.90005	1.02332	1.02332	0.888361	1.0261	1.0261	1.15E-05	0.181283	-5.51625
cg04129132	ERMAP;ERMAP	0.000105192	8.27E-05	0.326616	-3.0617	0.65427	0.93133	-1.07373	0.0899023	0.744514	-1.34316	0.922188	1.01554	1.01554	3.64E-06	0.18052	-5.53956
cg09856274	ERMAP;ERMAP	0.000128684	0.390078	0.814752	-1.22737	0.0861394	0.643334	-1.5544	0.248621	0.755379	-1.32384	0.000154584	0.221367	-4.51738	1.92E-05	0.132714	-7.53499
cg19749224	ERMAP;ERMAP	0.000654597	9.08E-05	4.45221	4.45221	0.343148	1.23179	1.23179	0.287989	0.790189	-1.26552	0.220201	0.759448	-1.31675	0.00677131	0.472741	-2.11532
cg12410370	ERMAP;ERMAP	0.00389122	0.37969	1.30901	1.30901	0.734645	0.903341	-1.107	0.608075	1.16714	1.16714	0.0108218	0.384285	-2.60224	0.000212378	0.157346	-6.35544
cg25285237	ERMAP;ERMAP	0.0275559	0.0172218	3.56272	3.56272	0.991996	0.995618	-1.0044	0.406056	0.689268	-1.45081	0.509076	0.745848	-1.34076	0.0125484	0.256851	-3.89331
cg07362943	ERMAP;ERMAP	0.0351651	0.9432	0.967822	-1.03325	0.497345	0.728858	-1.37201	0.0128467	0.242146	-4.12974	0.766531	0.872254	-1.14645	0.00251227	0.145678	-6.86445
cg11987455	ERMAP;ERMAP	0.0441299	0.103637	0.760879	-1.31427	0.919178	1.01571	1.01571	0.62374	0.926892	-1.07887	0.0034788	0.543948	-1.83841	0.206486	0.814978	-1.22703
cg05081953	ERMN	0.00166256	0.0400152	0.447539	-2.23444	0.00164351	0.217206	-4.60392	0.83151	0.930367	-1.07484	0.122391	0.567164	-1.76316	4.44E-05	0.0727826	-13.7396
cg05958438	ERMP1	0.0028636	0.0180038	0.443958	-2.25247	0.151563	0.647823	-1.54363	0.000942653	0.248172	-4.02946	0.119821	0.620739	-1.61098	0.00286828	0.313808	-3.18667
cg13643006	ERMP1	0.00495029	0.55008	1.17631	1.17631	0.52722	1.18771	1.18771	0.00524632	0.372053	-2.68779	0.157839	1.50009	1.50009	0.00121776	0.280476	-3.56537
cg13979887	ERMP1	0.00708564	0.185175	0.647831	-1.54361	0.323398	1.37042	1.37042	0.141456	0.613535	-1.6299	0.661265	1.14594	1.14594	0.00128221	0.23447	-4.26494
cg01446217	ERMP1	0.0163776	0.395717	0.753402	-1.32731	0.0310582	2.27965	2.27965	0.889391	0.955709	-1.04634	0.335051	0.72351	-1.38215	0.0456405	0.474228	-2.10869
cg13925163	ERMP1	0.0467893	0.0575331	0.469451	-2.13015	0.862616	0.940844	-1.06288	0.394679	0.735709	-1.35923	0.224851	0.638379	-1.56647	0.00401792	0.256471	-3.89908
cg24278218	ERN1	6.23E-06	0.912842	0.978858	-1.0216	0.0122099	1.83935	1.83935	0.0195722	1.73425	1.73425	3.16E-07	0.0544007	-18.3821	0.986177	1.00339	1.00339
cg22027433	ERN1	0.00351086	0.00567628	0.490324	-2.03947	0.373174	0.835631	-1.1967	0.504498	1.14228	1.14228	0.208444	1.29754	1.29754	0.00039469	0.330032	-3.03001
cg17172761	ERN1	0.00857203	0.376291	0.814595	-1.2276	0.833223	0.953492	-1.04878	0.00432621	0.422572	-2.36646	0.00902275	0.472495	-2.11642	0.00525394	0.435466	-2.29639
cg15407226	ERN1	0.0133976	0.00607534	2.23701	2.23701	0.00600539	0.446241	-2.24094	0.327199	0.796671	-1.25522	0.184453	1.37214	1.37214	0.421778	1.20253	1.20253
cg03645571	ERN2	5.73E-08	3.68E-08	4.26785	4.26785	0.824822	0.983753	-1.01652	0.000786004	0.68724	-1.4551	4.84E-05	1.75901	1.75901	4.89E-05	1.75767	1.75767
cg05532980	ERN2	3.73E-06	0.00197454	0.512435	-1.95147	8.71E-06	0.228287	-4.38045	1.15E-06	0.145171	-6.88844	0.265664	1.1941	1.1941	0.000418899	0.425115	-2.3523
cg05789711	ERN2	0.000715166	0.0444305	1.95031	1.95031	0.162514	1.53953	1.53953	0.009512	2.58716	2.58716	0.175943	0.65942	-1.51648	0.134674	0.627058	-1.59475
cg09979356	ERN2	0.00574746	0.00697015	0.485004	-2.06184	0.288607	1.25656	1.25656	0.0797778	0.668272	-1.4964	0.273962	0.789781	-1.26617	0.0123532	0.524263	-1.90744
cg17696377	ERN2	0.00689701	0.0305699	2.63307	2.63307	0.00377718	4.43258	4.43258	0.135467	1.84608	1.84608	0.0101166	3.44254	3.44254	0.443037	1.34714	1.34714
cg07841477	ERN2	0.00824071	0.203027	1.50009	1.50009	0.166074	1.56157	1.56157	0.101181	1.71888	1.71888	0.802311	0.927092	-1.07864	0.318392	1.36508	1.36508
cg26952936	ERN2	0.0378941	0.135002	1.50519	1.50519	0.0172645	2.08781	2.08781	0.34644	1.27898	1.27898	0.272135	1.33655	1.33655	0.702561	1.10227	1.10227
cg00584422	ERN2;ERN2	0.0346017	0.842361	0.861659	-1.16055	0.107476	3.71975	3.71975	0.33808	2.0927	2.0927	0.597999	1.48868	1.48868	0.14291	0.308068	-3.24604
cg08081708	ERO1L	0.00821638	0.741366	1.03676	1.03676	0.00347656	0.649057	-1.5407	0.146044	1.1854	1.1854	0.0243083	0.746344	-1.33987	0.456187	0.920619	-1.08623
cg05837075	ERO1L	0.0136821	0.833801	0.969429	-1.03153	0.803758	1.03747	1.03747	0.720282	1.05457	1.05457	0.0686903	1.35133	1.35133	0.218782	0.826034	-1.2106
cg23580410	ERO1L	0.023668	0.106819	1.75907	1.75907	0.264734	1.4519	1.4519	0.0110221	2.78129	2.78129	0.262426	1.45475	1.45475	0.0119135	0.365407	-2.73667
cg18561899	ERO1L	0.024474	0.679252	1.29979	1.29979	0.11527	2.94412	2.94412	0.200368	2.34662	2.34662	0.520321	1.50822	1.50822	0.0239985	0.183058	-5.46274
cg02221143	ERO1L	0.0377646	0.978314	1.01716	1.01716	0.878872	1.10017	1.10017	0.908382	1.07472	1.07472	?	?	?	?	?	?
cg00419040	ERO1LB	8.45E-05	2.61E-05	0.120507	-8.29827	0.00333935	0.362284	-2.76027	0.851677	1.04873	1.04873	0.000177668	0.198926	-5.02701	0.816044	1.06103	1.06103
cg11362449	ERO1LB	0.000100276	0.000453995	0.14797	-6.75811	0.000143834	0.10381	-9.63297	0.00158456	0.208424	-4.79791	0.00012733	0.0997264	-10.0274	0.000584695	0.15912	-6.28456
cg07309943	ERO1LB	0.000847955	0.717921	1.13092	1.13092	0.525897	0.804143	-1.24356	0.44825	0.769426	-1.29967	1.55E-05	0.0482562	-20.7227	0.851705	0.938502	-1.06553
cg19595912	ERO1LB	0.00219846	0.0151936	0.5223	-1.91461	0.125833	1.43445	1.43445	0.113857	1.45451	1.45451	0.739125	1.07551	1.07551	0.0186529	0.537363	-1.86094
cg20846212	ERO1LB	0.00854254	0.000699549	0.484009	-2.06608	0.109592	1.27745	1.27745	0.83168	1.03033	1.03033	0.0605932	0.743055	-1.3458	0.11964	0.788962	-1.26749
cg15099643	ERO1LB	0.0248301	0.0529571	0.588903	-1.69807	0.00648586	2.3441	2.3441	0.134086	1.47545	1.47545	0.580426	0.874228	-1.14387	0.00801693	0.441349	-2.26578
cg10857427	ERP27	0.0002767	4.85E-05	0.358253	-2.79132	0.0828289	1.29432	1.29432	0.00869162	0.638159	-1.56701	0.000130788	0.409852	-2.4399	0.758362	1.04232	1.04232
cg14738823	ERP27	0.00299055	0.0628277	1.66015	1.66015	0.0331018	0.546976	-1.82823	0.211072	0.726804	-1.37589	0.262787	1.32676	1.32676	7.59E-05	0.175904	-5.68493
cg02546477	ERP27	0.0083384	0.0260364	0.453093	-2.20705	0.00567234	0.337021	-2.96717	0.0559241	0.522553	-1.91368	0.0786148	0.55685	-1.79581	0.00117407	0.239973	-4.16713
cg13435792	ERP27	0.0188532	0.550781	0.902027	-1.10861	0.266151	0.820427	-1.21888	0.0210864	0.622588	-1.6062	0.224921	0.804331	-1.24327	0.63661	1.08469	1.08469
cg18466420	ERP27	0.0223525	0.631334	0.936029	-1.06834	0.00450411	0.59588	-1.67819	0.0183547	0.676175	-1.47891	0.974773	1.00433	1.00433	0.679385	1.05847	1.05847
cg10473157	ERP29;ERP29	0.000683446	6.56E-05	0.293282	-3.40969	0.000588012	2.43327	2.43327	0.743461	1.05653	1.05653	0.727713	1.06027	1.06027	0.524355	0.8976	-1.11408
cg11072723	ERP29;ERP29	0.00141008	0.000490527	0.161328	-6.19856	0.000261999	0.134699	-7.42396	0.027933	0.419888	-2.38159	0.00669299	0.308765	-3.23871	0.000334872	0.144748	-6.90856
cg09312254	ERP29;ERP29;TMEM116	0.000985485	3.93E-05	0.146197	-6.84009	0.416753	0.816451	-1.22481	0.368139	0.797821	-1.25341	0.450722	1.20656	1.20656	0.71973	0.915723	-1.09203
cg05207121	ERP29;ERP29;TMEM116	0.00224467	0.0302255	0.580545	-1.72252	0.0420364	0.606548	-1.64867	0.438948	1.18349	1.18349	0.000212647	0.266985	-3.74553	0.21399	1.3221	1.3221
cg20637653	ERP29;TMEM116;ERP29	4.04E-06	0.00141644	0.518497	-1.92865	5.58E-05	2.90206	2.90206	0.0148518	1.53128	1.53128	0.000414393	0.450835	-2.2181	0.0146487	0.65223	-1.5332
cg27135516	ERP29;TMEM116;ERP29	0.00667991	0.569408	0.927889	-1.07772	0.00302315	0.589161	-1.69733	0.655684	0.943259	-1.06015	0.725364	0.955129	-1.04698	0.0424416	0.737734	-1.3555
cg00405070	ERP29;TMEM116;ERP29	0.0116972	0.409509	0.904515	-1.10556	0.978297	0.996769	-1.00324	0.00382092	0.628757	-1.59044	0.297302	0.879365	-1.13718	0.179501	1.18487	1.18487
cg25724123	ERP29;TMEM116;ERP29	0.0478273	0.95599	0.993452	-1.00659	0.593397	1.06626	1.06626	0.031491	1.35025	1.35025	0.137901	1.20947	1.20947	0.0727517	1.26909	1.26909
cg13547817	ERP44	0.0050184	0.071051	0.726609	-1.37626	0.642118	0.928559	-1.07694	0.0100561	0.597817	-1.67275	0.0267596	0.65994	-1.51529	0.00057284	0.429793	-2.3267
cg07470362	ERP44	0.0236885	0.444997	1.22144	1.22144	0.173572	1.45058	1.45058	0.421506	1.23485	1.23485	0.667493	1.11743	1.11743	0.00535345	0.389714	-2.56598
cg19560758	ERRFI1	0.00023289	0.000413796	2.2759	2.2759	0.798468	1.03826	1.03826	0.417643	1.12925	1.12925	3.39E-05	3.24954	3.24954	0.19395	0.817343	-1.22348
cg26313647	ERRFI1	0.00307947	0.0859801	0.786061	-1.27217	0.359974	0.887447	-1.12683	0.315456	1.14075	1.14075	0.156999	1.21171	1.21171	0.0158401	0.687318	-1.45493
cg10402576	ERRFI1	0.00973779	0.0121377	0.528276	-1.89295	0.0240627	0.577382	-1.73196	0.0122859	0.529122	-1.88992	0.966268	0.991405	-1.00867	0.388007	0.834774	-1.19793
cg13808198	ERRFI1	0.0265094	0.552096	0.836368	-1.19565	0.40082	0.77457	-1.29104	0.576923	0.845851	-1.18224	0.683903	1.12929	1.12929	0.00364504	0.31092	-3.21627
cg14178899	ERRFI1	0.0287907	0.0363884	0.583454	-1.71393	0.889912	0.96979	-1.03115	0.0689781	0.637147	-1.5695	0.026726	0.559093	-1.78861	0.00535305	0.443753	-2.25351
cg26359510	ERRFI1	0.0350847	0.523633	1.37158	1.37158	0.0695681	2.6973	2.6973	0.127684	2.23709	2.23709	0.008331	0.192346	-5.19896	0.284516	1.722	1.722
cg00768179	ERRFI1	0.035721	0.660038	0.806646	-1.2397	0.0114798	0.215433	-4.64182	0.256591	0.562812	-1.77679	0.488187	1.40756	1.40756	0.0142041	0.230275	-4.34263
cg19922442	ERRFI1	0.04584	0.152042	1.16888	1.16888	0.431956	0.921676	-1.08498	0.469351	0.927874	-1.07773	0.0267753	1.30583	1.30583	0.621529	1.05191	1.05191
cg08532870	ERRFI1;ERRFI1	0.00874714	0.007391	0.670618	-1.49116	0.426143	0.910215	-1.09864	0.730366	0.96074	-1.04086	0.194587	1.17217	1.17217	0.830751	0.975525	-1.02509
cg23818792	ESAM	0.000107961	0.658517	0.931353	-1.07371	0.0937208	0.744745	-1.34274	1.10E-06	7.59918	7.59918	0.441276	0.882008	-1.13378	0.202939	0.806617	-1.23975
cg10590442	ESAM	0.000556114	0.495725	0.775908	-1.28881	0.674764	1.16743	1.16743	6.15E-06	40.9316	40.9316	0.20483	0.612181	-1.6335	0.739705	0.88488	-1.1301
cg21972318	ESAM	0.000682541	0.565625	0.793089	-1.26089	0.135591	0.52621	-1.90038	1.08E-05	42.3265	42.3265	0.248169	0.617613	-1.61914	0.0441452	0.397311	-2.51692
cg16508199	ESAM	0.000892783	0.978227	0.991416	-1.00866	0.294785	0.709454	-1.40954	1.24E-05	18.3301	18.3301	0.803867	1.08178	1.08178	0.690956	0.881404	-1.13455
cg03332970	ESAM	0.000897783	0.158979	0.523486	-1.91027	0.137177	0.50241	-1.9904	8.73E-05	20.5916	20.5916	0.391046	0.685336	-1.45914	0.594691	0.793834	-1.25971
cg07749845	ESAM	0.00189377	0.00403351	0.328209	-3.04684	0.176683	0.660825	-1.51326	0.0049371	2.92699	2.92699	0.00621347	0.357358	-2.79832	0.00268512	0.302169	-3.30941
cg20358566	ESAM	0.00656458	0.345606	1.25811	1.25811	0.0395726	0.569679	-1.75537	0.0496391	0.588954	-1.69793	0.331612	1.26717	1.26717	0.972297	0.991825	-1.00824
cg25735305	ESAM	0.0079077	0.0191949	4.70979	4.70979	0.00512796	7.55503	7.55503	0.25396	1.91851	1.91851	?	?	?	0.00400934	8.28743	8.28743
cg00456892	ESAM	0.0199781	0.140213	1.62372	1.62372	0.143255	1.61686	1.61686	0.926156	0.972081	-1.02872	0.365994	0.752995	-1.32803	0.0417524	2.04807	2.04807
cg04237997	ESAM	0.0420341	0.0928668	2.04879	2.04879	0.0250683	2.81192	2.81192	0.179724	1.73803	1.73803	0.825995	1.08916	1.08916	0.0460752	2.42714	2.42714
cg19477600	ESAM;ESAM	0.0101208	0.962558	1.01988	1.01988	0.861216	0.929255	-1.07613	0.000160355	14.9338	14.9338	0.799013	1.11291	1.11291	0.181775	0.551943	-1.81178
cg03357540	ESCO1	1.63E-05	0.635883	1.03338	1.03338	0.951914	1.00416	1.00416	0.00121806	0.721897	-1.38524	0.0483048	0.856129	-1.16805	0.0090173	0.795694	-1.25676
cg21790764	ESCO1	0.000476521	0.866399	0.983658	-1.01661	0.00658796	1.41234	1.41234	0.738424	0.967736	-1.03334	0.481479	1.07252	1.07252	0.272181	1.11834	1.11834
cg19930057	ESCO1	0.00160577	0.312836	0.838185	-1.19305	0.00177904	2.12161	2.12161	0.564496	1.1035	1.1035	0.0357572	0.661577	-1.51154	0.26371	1.21774	1.21774
cg20640305	ESCO1	0.00202271	0.00664562	2.66629	2.66629	0.691461	0.911633	-1.09693	0.0216564	0.484769	-2.06284	?	?	?	0.000422883	6.15793	6.15793
cg00018044	ESCO1	0.00510121	0.0326003	0.441033	-2.26741	0.179132	1.59541	1.59541	0.100269	0.554655	-1.80292	0.251708	0.675728	-1.47988	0.000382365	0.156252	-6.39991
cg21321768	ESCO1	0.0207976	0.605491	0.907387	-1.10206	0.00477065	0.497162	-2.01142	0.00432279	0.490918	-2.037	0.533578	0.889046	-1.1248	0.0931352	1.41133	1.41133
cg22310062	ESCO1	0.0367099	0.103426	1.3758	1.3758	0.50326	1.12939	1.12939	0.285195	0.81968	-1.21999	0.66368	0.92462	-1.08153	0.367671	0.847252	-1.18029
cg03524611	ESCO2	0.000771224	0.270251	1.18875	1.18875	0.700521	0.943452	-1.05994	0.0795514	0.745941	-1.34059	0.0908085	0.75532	-1.32394	0.000180333	0.3849	-2.59807
cg04425710	ESCO2;CCDC25	0.00881397	0.00780247	0.248603	-4.02248	0.073371	0.443232	-2.25615	0.00280617	0.186743	-5.35495	0.793152	1.11304	1.11304	0.0205364	0.320688	-3.1183
cg04118119	ESD	0.00370765	0.875897	1.04651	1.04651	0.708872	0.896639	-1.11528	0.0344405	0.487947	-2.0494	0.0276909	2.13218	2.13218	0.000158298	0.152713	-6.54825
cg19037555	ESD	0.00891511	0.183415	0.748641	-1.33575	0.0197659	1.78126	1.78126	0.00648488	2.06637	2.06637	0.0825245	1.48353	1.48353	0.00491619	0.465685	-2.14737
cg00258132	ESD	0.010007	0.290395	1.81327	1.81327	0.447943	1.52117	1.52117	0.869737	0.914828	-1.0931	0.779659	1.1643	1.1643	0.886293	1.0807	1.0807
cg18845718	ESD	0.0213881	0.045232	0.226938	-4.40649	0.0266818	0.183537	-5.44848	0.0287919	0.189267	-5.28355	0.987085	0.989605	-1.0105	0.0595085	0.253322	-3.94754
cg00574913	ESF1	0.00857531	0.0239187	0.30674	-3.26009	0.421448	0.697563	-1.43356	0.015207	0.270484	-3.69708	0.0704127	0.411949	-2.42748	0.00109977	0.121174	-8.25258
cg16907298	ESF1;C20orf7;C20orf7;C20orf7	0.00173512	0.548557	1.23455	1.23455	0.000117154	18.689	18.689	0.0317997	2.51759	2.51759	?	?	?	?	?	?
cg20657098	ESF1;ESF1;C20orf7;C20orf7;C20orf7	0.000186309	?	?	?	0.533224	0.827248	-1.20883	0.00134354	0.22612	-4.42243	1.12E-05	0.0410516	-24.3596	0.179915	0.649759	-1.53903
cg14972155	ESM1;ESM1	0.00459013	0.0751308	0.249004	-4.016	0.000808296	0.0288551	-34.6559	0.145615	0.334158	-2.9926	0.133306	0.321072	-3.11457	0.000728898	0.0272302	-36.7239
cg07233761	ESM1;ESM1	0.00466418	0.0128247	0.387133	-2.58309	0.000639729	0.200001	-4.99997	0.0573673	0.516833	-1.93486	0.106674	0.582256	-1.71746	0.00215302	0.266375	-3.7541
cg09452568	ESM1;ESM1	0.00488218	0.98544	1.01228	1.01228	0.0249976	0.168082	-5.94946	0.00239617	0.0590706	-16.9289	0.0211632	0.156715	-6.38103	0.00369568	0.0725592	-13.7818
cg06837426	ESM1;ESM1	0.00881747	0.0484346	0.453382	-2.20565	0.00106027	0.183014	-5.46406	0.166364	0.595884	-1.67818	0.36278	0.720262	-1.38838	0.00167754	0.206815	-4.83524
cg21180956	ESM1;ESM1	0.0111975	0.0131443	0.2236	-4.47227	0.00562259	0.170224	-5.8746	0.065961	0.366083	-2.73162	0.152857	0.474359	-2.10811	0.00202046	0.119865	-8.34273
cg16462183	ESM1;ESM1	0.0120061	0.0147655	0.221076	-4.52333	0.00758754	0.17775	-5.62587	0.0153852	0.224019	-4.46391	0.112257	0.419026	-2.38649	0.0188466	0.239046	-4.18329
cg00992687	ESM1;ESM1	0.0127971	0.464505	0.703817	-1.42082	0.0469975	0.342099	-2.92313	0.0118743	0.227249	-4.40046	0.0166793	0.251867	-3.97035	0.00315831	0.149112	-6.70638
cg10631947	ESM1;ESM1	0.0145749	0.0788387	0.610815	-1.63716	0.00267134	0.350319	-2.85454	0.0315645	0.528987	-1.89041	0.222295	0.72327	-1.38261	0.0324203	0.53122	-1.88246
cg20451680	ESM1;ESM1	0.0211867	0.0454229	0.259909	-3.8475	0.0174406	0.18279	-5.47075	0.164787	0.418864	-2.38741	0.263183	0.504114	-1.98368	0.00377198	0.100727	-9.92782
cg20673840	ESM1;ESM1;ESM1;ESM1	0.0123361	0.0533837	0.25011	-3.99824	0.00451612	0.0916324	-10.9132	0.25	0.468034	-2.1366	0.256513	0.473331	-2.11268	0.00554839	0.100136	-9.98643
cg00159614	ESPL1	0.00341667	0.456581	1.172	1.172	0.186628	0.745987	-1.34051	0.742384	0.933285	-1.07148	0.845351	1.04172	1.04172	4.64E-05	0.199968	-5.00079
cg25696949	ESPL1	0.0213905	0.129524	0.362681	-2.75725	0.0082059	0.123159	-8.11959	0.280345	0.499129	-2.00349	0.836899	1.13615	1.13615	0.0067464	0.11362	-8.80124
cg15977026	ESPL1	0.0279106	0.412498	1.23454	1.23454	0.576539	0.86773	-1.15243	0.08993	0.624978	-1.60006	0.000605949	0.264666	-3.77834	0.444456	1.21658	1.21658
cg07017737	ESPN	0.000604528	0.391762	0.842165	-1.18742	0.11872	0.717808	-1.39313	0.142974	0.734763	-1.36098	0.00152344	2.44382	2.44382	0.000530731	0.347768	-2.87548
cg26419880	ESPN	0.00170932	0.286787	1.69163	1.69163	0.956195	0.974231	-1.02645	0.268277	0.578093	-1.72982	0.000580499	12.5406	12.5406	0.401228	1.50432	1.50432
cg10949430	ESPN	0.00193024	0.00192611	0.411106	-2.43246	0.139018	0.724381	-1.38049	0.000480277	0.329807	-3.03208	0.039937	0.618273	-1.61741	0.00470888	0.46745	-2.13927
cg01337514	ESPN	0.00390374	0.119649	0.584633	-1.71048	0.00473596	0.303427	-3.29569	0.00350396	0.283944	-3.52183	0.105998	1.75283	1.75283	0.0237298	0.423939	-2.35883
cg00014168	ESPN	0.00411969	0.0283719	0.383528	-2.60737	0.00183483	0.194156	-5.1505	0.0209371	0.357363	-2.79828	0.644854	1.18755	1.18755	0.00153321	0.184778	-5.41191
cg13284574	ESPN	0.00621799	0.0245133	0.452642	-2.20925	0.00348734	0.309527	-3.23073	0.000774943	0.221994	-4.50463	0.950188	0.981686	-1.01866	0.0519284	0.519807	-1.92379

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07163719	0.0466355	1.99984	1.99984	0.0327586	0.467726	-2.13801	0.121183	1.66729	1.66729	0.423346	0.779767	-1.28243	3.95393	5.79494	1.30277	1
cg03824533	0.929192	0.981301	-1.01906	0.0310833	1.71168	1.71168	0.641079	0.905093	-1.10486	0.954813	1.01211	1.01211	3.6541	2.61054	0.635034	1
cg07795888	0.195986	1.18092	1.18092	0.921045	1.01213	1.01213	0.10186	0.804303	-1.24331	0.0732875	0.784352	-1.27494	3.59386	0.84186	0.208222	1
cg04670874	0.0562123	0.210465	-4.75139	0.0129127	0.10813	-9.24814	0.125462	0.302657	-3.30407	0.0941339	0.26542	-3.76761	3.50588	28.8419	7.31264	1
cg22843129	0.58964	0.866543	-1.15401	0.0803438	1.66579	1.66579	0.535036	1.1797	1.1797	0.973879	1.00865	1.00865	3.50011	3.83621	0.974245	1
cg26974276	0.0238765	0.0885614	-11.2916	0.17158	0.270147	-3.70169	0.0551771	0.141594	-7.06246	0.0134391	0.0637866	-15.6773	3.48745	44.6614	11.3834	1
cg07228441	0.0120558	0.727345	-1.37486	0.000401823	0.564191	-1.77245	0.248873	0.88465	-1.13039	0.254582	0.886064	-1.12859	6.84359	1.12077	0.145573	1
cg21853250	0.700373	1.05654	1.05654	0.000300756	0.433348	-2.30761	0.378013	1.1373	1.1373	0.987339	0.997746	-1.00226	5.61541	1.79944	0.284842	1
cg00063567	0.000195418	0.239988	-4.16688	0.0845739	0.647543	-1.5443	0.146485	0.701139	-1.42625	0.736188	1.08007	1.08007	6.62431	5.44426	0.730542	1
cg19845649	0.762291	1.1154	1.1154	7.56E-05	0.0754153	-13.2599	0.633312	1.18889	1.18889	0.868325	0.942017	-1.06155	8.60683	17.6656	1.82445	1
cg26543273	0.137364	1.39965	1.39965	0.000116785	0.242138	-4.12988	0.149829	1.38324	1.38324	0.0608155	1.55905	1.55905	8.19106	5.72771	0.621567	1
cg04668521	0.261059	1.16304	1.16304	0.083847	1.27956	1.27956	0.13161	1.23335	1.23335	0.165668	0.826533	-1.20987	7.09479	1.86578	0.233759	1
cg17932911	0.325992	0.824817	-1.21239	0.313493	0.820392	-1.21893	0.396851	1.17911	1.17911	0.00178115	0.429703	-2.32719	6.47226	3.69692	0.507729	1
cg04218099	0.0562828	0.656245	-1.52382	0.322091	0.81928	-1.22058	0.154358	0.742966	-1.34596	0.0327381	1.62717	1.62717	3.43577	2.06637	0.534602	1
cg10055386	0.0530113	0.552148	-1.81111	0.000876542	0.259808	-3.849	0.516355	1.19452	1.19452	0.0489202	1.83567	1.83567	6.95404	8.03645	1.02725	1
cg25511363	0.527659	1.09172	1.09172	0.000183006	0.420031	-2.38078	0.222105	1.1924	1.1924	0.253259	1.17778	1.17778	6.55213	1.95152	0.264752	1
cg02353418	0.667803	1.1238	1.1238	0.0314961	0.505649	-1.97766	0.542619	1.1813	1.1813	0.0323649	1.96861	1.96861	4.58141	5.30291	1.02888	1
cg04793634	0.000139388	0.25164	-3.97394	1.88E-05	0.161126	-6.20631	0.463671	0.855214	-1.1693	0.00824366	0.492367	-2.03101	19.8149	13.7984	0.618989	1
cg17465233	0.0051028	1.57662	1.57662	0.00635042	1.54817	1.54817	0.00172648	1.73329	1.73329	0.00452062	1.59279	1.59279	16.2817	3.90281	0.213072	1
cg02650323	0.025812	0.488029	-2.04906	0.000849036	0.256875	-3.89295	0.669991	0.890308	-1.12321	0.0424194	0.530759	-1.88409	6.41472	7.46304	1.03415	1
cg06994936	0.0596372	0.552624	-1.80955	0.0080776	0.388074	-2.57682	0.390696	0.782391	-1.27813	0.10468	0.609678	-1.64021	5.47397	6.74937	1.096	1
cg16978367	0.204991	1.19822	1.19822	0.442576	0.899543	-1.11168	0.00282437	1.74395	1.74395	0.192878	1.20484	1.20484	4.19028	1.21348	0.257418	1
cg14036776	0.183148	0.626479	-1.59622	0.00944415	0.336506	-2.97171	0.0589505	0.493547	-2.02615	0.0260371	0.417056	-2.39776	4.15671	7.21656	1.54322	1
cg24260847	0.209696	0.766008	-1.30547	0.259411	0.788818	-1.26772	0.142646	0.727808	-1.37399	0.0898838	0.68596	-1.45781	3.40978	2.19539	0.572312	1
cg12180121	0.136891	2.08894	2.08894	0.207257	1.84306	1.84306	0.78841	0.883674	-1.13164	0.00300433	0.154023	-6.49254	4.37092	13.0058	2.97553	1
cg09056309	?	?	?	?	?	?	0.00550547	0.0853753	-11.713	0.505178	1.46	1.46	5.21852	18.1298	2.48152	1
cg20415697	0.128218	0.519292	-1.9257	0.0154748	0.306152	-3.26635	0.00951504	0.270102	-3.7023	0.274885	0.635903	-1.57257	4.40188	11.0712	2.23566	1
cg11580828	0.00140274	0.0741711	-13.4823	0.79429	0.870898	-1.14824	0.084495	2.78748	2.78748	0.220074	1.98804	1.98804	7.5323	25.4005	3.37221	1
cg15496079	0.00392544	0.628611	-1.59081	0.480437	0.917785	-1.08958	0.0504149	1.30568	1.30568	0.00760736	1.50762	1.50762	6.26331	1.41921	0.201414	1
cg17330200	0.00133841	0.38291	-2.61158	0.644771	0.908834	-1.10031	0.777765	1.05999	1.05999	0.824621	0.955327	-1.04676	6.06229	4.0709	0.596899	1
cg12741710	0.139093	1.69559	1.69559	0.100169	0.550228	-1.81743	0.0150649	2.69349	2.69349	0.574101	0.828331	-1.20725	3.41846	5.9556	1.54861	1
cg24141738	0.475387	1.06531	1.06531	0.00122334	0.662101	-1.51034	0.611165	0.956292	-1.04571	0.213849	1.12085	1.12085	6.86834	0.826482	0.106962	1
cg24379122	0.739919	0.940722	-1.06301	1.87E-05	0.202391	-4.94094	0.0622285	0.680422	-1.46968	0.0013083	0.423876	-2.35918	22.9886	12.2502	0.473671	1
cg04129132	0.0030876	0.527764	-1.89479	0.0373524	1.46423	1.46423	0.0298542	0.66807	-1.49685	0.561035	0.911409	-1.0972	21.8427	8.61643	0.350646	1
cg09856274	3.70E-05	0.15797	-6.33031	0.0570313	1.65022	1.65022	0.421224	1.21062	1.21062	0.0928085	0.650381	-1.53756	20.6931	17.7342	0.761787	1
cg19749224	0.00667936	0.471819	-2.11946	0.61656	0.897836	-1.11379	0.00160932	2.6262	2.6262	0.0782534	1.51831	1.51831	13.2575	9.56769	0.641495	1
cg12410370	0.0641299	0.53707	-1.86195	0.0385984	2.04597	2.04597	0.256728	1.42434	1.42434	0.105573	0.589607	-1.69605	7.91797	11.1962	1.25691	1
cg25285237	0.0469278	0.369457	-2.70668	0.0113935	0.249924	-4.00121	0.996819	1.00175	1.00175	0.236749	0.581175	-1.72065	4.21141	12.7835	2.69817	1
cg07362943	0.180281	0.52042	-1.92153	0.0200745	0.275949	-3.62386	0.677102	0.825122	-1.21194	0.0697575	0.3942	-2.53678	3.86055	12.8824	2.96617	1
cg11987455	0.0965038	0.755639	-1.32338	0.0393677	1.44194	1.44194	0.784526	0.958789	-1.04298	0.517714	0.904203	-1.10595	3.55136	1.3261	0.331918	1
cg05081953	0.652641	1.16588	1.16588	0.140975	0.584866	-1.70979	0.0696538	0.502928	-1.98836	0.00816282	0.317639	-3.14823	10.1731	18.4886	1.61547	1
cg05958438	0.0289096	0.482961	-2.07056	0.0470911	0.526225	-1.90033	0.000203979	0.1722	-5.80719	0.694798	0.894569	-1.11786	8.67708	10.9711	1.12389	1
cg13643006	0.444087	0.810972	-1.23309	0.0372477	0.522401	-1.91424	0.00149809	0.292567	-3.41802	0.745919	0.916395	-1.09123	7.36101	8.4071	1.01521	1
cg13979887	0.696492	0.885938	-1.12875	0.0108687	0.372318	-2.68587	0.0071235	2.92677	2.92677	0.0814207	0.550602	-1.81619	6.59008	9.96269	1.3438	1
cg01446217	0.251883	1.4765	1.4765	0.00490277	0.297106	-3.3658	0.0127645	2.73792	2.73792	0.768772	0.90849	-1.10073	5.03176	8.44603	1.49204	1
cg13925163	0.0450077	0.444915	-2.24762	0.0191062	0.368417	-2.71432	0.463657	1.30032	1.30032	0.300324	0.685326	-1.45916	3.47429	6.82016	1.74492	1
cg24278218	5.99E-05	0.235069	-4.25408	2.32E-05	0.191773	-5.21449	0.322477	1.22075	1.22075	0.0311535	1.63825	1.63825	45.8503	27.6604	0.536246	1
cg22027433	0.737368	1.06834	1.06834	0.0180164	0.568695	-1.75841	0.00701433	0.504212	-1.98329	0.146411	1.35826	1.35826	8.16623	4.98982	0.543139	1
cg17172761	0.0164094	0.515609	-1.93945	0.692143	0.914038	-1.09405	0.674424	1.10013	1.10013	0.00209784	0.376304	-2.65743	6.20744	5.01491	0.718122	1
cg15407226	0.290165	0.781358	-1.27982	0.0123819	2.01319	2.01319	0.366567	0.811824	-1.23179	0.902975	0.972964	-1.02779	5.37691	4.30121	0.711059	1
cg03645571	0.000384738	1.51989	1.51989	2.72E-06	0.43473	-2.30028	9.14E-09	5.64811	5.64811	6.88E-06	2.08872	2.08872	151.478	13.0985	0.0768636	1
cg05532980	0.49871	1.11075	1.11075	0.688623	1.06354	1.06354	5.08E-07	0.116984	-8.5482	0.000284746	0.403973	-2.47541	52.3403	19.3879	0.329263	1
cg05789711	?	?	?	0.550101	1.19121	1.19121	3.30E-05	10.303	10.303	0.00230111	3.4307	3.4307	13.2441	15.6129	1.17885	1
cg09979356	0.00394274	0.447541	-2.23443	0.00659237	0.481272	-2.07783	0.00123611	0.375673	-2.66189	0.0591839	0.642983	-1.55525	7.03176	4.78629	0.605038	1
cg17696377	0.248286	0.631384	-1.58382	0.180909	0.582022	-1.71815	0.0026256	4.88856	4.88856	0.0117194	3.31942	3.31942	6.64575	15.2792	2.04364	1
cg07841477	0.52206	0.82217	-1.21629	0.00180756	0.262124	-3.81499	0.00261664	3.51716	3.51716	0.0618499	1.8863	1.8863	6.28518	9.06541	1.28209	1
cg26952936	0.00853145	0.426652	-2.34383	0.109426	1.55728	1.55728	0.112215	1.55099	1.55099	0.192641	1.41898	1.41898	3.75697	3.83228	0.906707	1
cg00584422	0.274173	0.427052	-2.34164	0.0784906	0.231899	-4.31223	0.00600109	14.66	14.66	0.0384479	6.00951	6.00951	3.88317	34.3891	7.87193	1
cg08081708	0.000519972	0.55442	-1.80369	0.927004	0.990063	-1.01004	0.326777	0.895534	-1.11665	0.431543	0.916228	-1.09143	6.29105	1.18345	0.167215	1
cg05837075	0.000509975	0.448394	-2.23018	0.0347359	0.695096	-1.43865	0.695994	1.05974	1.05974	0.440743	1.12319	1.12319	5.34001	1.84658	0.307379	1
cg23580410	0.535908	0.817844	-1.22273	0.0492683	2.05425	2.05425	0.344297	0.731624	-1.36682	0.165666	0.622335	-1.60685	4.44075	7.23732	1.44867	1
cg18561899	0.00220506	0.0668038	-14.9692	0.165684	2.54037	2.54037	0.517772	0.661322	-1.51212	0.844324	0.883399	-1.13199	4.38954	27.6464	5.59844	1
cg02221143	?	?	?	0.0050901	0.0884651	-11.3039	0.178125	0.404948	-2.46946	0.0169065	0.152161	-6.57197	4.34465	17.5934	4.72434	1
cg00419040	0.730892	1.09173	1.09173	0.00210927	0.333206	-3.00114	1.03E-05	0.0907266	-11.0221	0.0117718	0.44945	-2.22494	23.1556	23.6966	0.909656	1
cg11362449	0.126064	0.564172	-1.77251	1.88E-05	0.0492438	-20.3071	0.000504147	0.152523	-6.55638	0.000338506	0.135695	-7.36946	22.1242	41.903	1.68354	1
cg07309943	0.000950322	0.188122	-5.31569	0.363203	1.37291	1.37291	0.626029	0.84657	-1.18124	0.460299	0.774955	-1.2904	12.3282	22.4584	1.61929	1
cg19595912	0.684196	1.09316	1.09316	0.00130479	0.360725	-2.7722	0.00033094	0.283004	-3.53352	0.0705924	0.643965	-1.55288	9.37921	7.0472	0.66788	1
cg20846212	0.0721632	1.3254	1.3254	0.0382703	0.713872	-1.40081	0.1607	1.23409	1.23409	0.452511	0.898137	-1.11342	6.21421	1.9393	0.2774	1
cg15099643	0.817359	1.05727	1.05727	0.459044	1.19902	1.19902	0.449626	1.20379	1.20379	0.595052	1.13786	1.13786	4.36758	4.00915	0.815943	1
cg10857427	0.0489059	0.739301	-1.35263	0.000618406	0.492742	-2.02946	0.471718	1.10332	1.10332	0.00414507	0.596759	-1.67572	16.8178	4.80529	0.253979	1
cg14738823	0.600158	1.13665	1.13665	0.272939	0.75857	-1.31827	0.562317	1.15242	1.15242	0.406504	1.22831	1.22831	8.56617	7.95656	0.825631	1
cg02546477	0.0263625	0.454153	-2.2019	0.00227117	0.278137	-3.59535	0.8735	0.953368	-1.04891	0.115088	0.598397	-1.67113	6.26186	8.90839	1.26457	1
cg13435792	0.921087	0.983215	-1.01707	0.382876	1.16517	1.16517	0.181556	0.784844	-1.27414	0.000498387	0.394336	-2.53591	4.79962	2.21831	0.41083	1
cg18466420	0.166802	1.2233	1.2233	0.046747	1.36524	1.36524	0.0474541	0.733406	-1.3635	0.281572	0.85811	-1.16535	4.52915	1.34119	0.263221	1
cg10473157	0.212605	1.24585	1.24585	0.0113621	0.588228	-1.70002	0.95116	0.989796	-1.01031	0.0199699	0.624856	-1.60037	13.0985	5.81638	0.394712	1
cg11072723	0.159687	0.605332	-1.65199	0.0277859	0.419425	-2.38421	0.0442971	0.462164	-2.16374	0.0318368	0.431505	-2.31747	10.6675	18.8576	1.57134	1
cg09312254	0.455303	0.830433	-1.20419	0.0703307	1.63933	1.63933	0.0118334	2.15525	2.15525	0.00848888	2.27256	2.27256	11.8154	11.1723	0.840504	1
cg05207121	0.137748	0.710992	-1.40649	?	?	?	0.356717	0.816855	-1.22421	0.00691473	2.10859	2.10859	9.53404	6.1128	0.641156	1
cg20637653	0.0938177	0.769506	-1.29954	1.21E-07	0.0908916	-11.0021	0.132174	0.793696	-1.25993	0.479506	1.10762	1.10762	51.2639	16.4168	0.284659	1
cg27135516	0.0556748	0.754096	-1.32609	0.00128595	0.542926	-1.84187	0.12706	0.806707	-1.23961	0.000994954	0.529128	-1.8899	6.71222	1.80113	0.23852	1
cg00405070	0.436761	0.909929	-1.09899	0.00204966	1.67679	1.67679	0.256172	1.15145	1.15145	0.113687	1.22725	1.22725	5.61985	1.25992	0.199281	1
cg25724123	0.557996	1.07307	1.07307	0.00614884	0.653436	-1.53037	0.321571	1.12965	1.12965	0.556872	1.07329	1.07329	3.44566	0.773342	0.199502	1
cg13547817	0.99708	1.00058	1.00058	0.10978	1.31797	1.31797	0.194787	1.2426	1.2426	0.00801768	0.583888	-1.71266	7.33037	2.91187	0.353097	1
cg07470362	0.109526	0.638752	-1.56555	0.00644608	0.402472	-2.48465	0.591276	0.870001	-1.14942	0.0585212	0.57748	-1.73166	4.43942	4.64039	0.929128	1
cg19560758	0.560288	1.09027	1.09027	0.890199	1.02048	1.02048	0.916569	0.98474	-1.0155	3.98E-05	3.16613	3.16613	17.627	6.01268	0.303206	1
cg26313647	0.0271387	0.717611	-1.39351	8.07E-05	0.405534	-2.46589	0.244378	0.856833	-1.16709	0.0951838	0.792459	-1.2619	8.49193	2.16488	0.226608	1
cg10402576	0.081303	0.674061	-1.48354	0.0845006	1.47625	1.47625	0.00643269	2.06146	2.06146	0.378736	0.83166	-1.20241	5.96101	3.93345	0.586545	1
cg13808198	0.406477	1.28692	1.28692	0.00310755	0.300733	-3.32521	0.0456572	0.506282	-1.97518	0.260388	0.705604	-1.41723	4.26901	5.96555	1.24214	1
cg14178899	0.362432	1.2304	1.2304	0.248186	1.30655	1.30655	0.385723	1.2177	1.2177	0.103074	0.673694	-1.48435	4.14683	3.22217	0.690685	1
cg26359510	0.0800565	2.58414	2.58414	0.681454	0.817283	-1.22357	0.0193945	3.98249	3.98249	0.573548	1.32051	1.32051	3.86375	14.6242	3.36443	1
cg00768179	0.2941	0.589633	-1.69597	0.0046388	0.16072	-6.22199	0.599575	1.29326	1.29326	0.455706	0.691566	-1.44599	3.83866	14.3259	3.31734	1
cg19922442	0.170767	0.862145	-1.1599	0.0357678	0.780001	-1.28205	0.830365	0.978419	-1.02206	0.0192736	1.33359	1.33359	3.50117	0.573462	0.145593	1
cg08532870	0.0171696	0.714482	-1.39962	0.00153877	0.590066	-1.69473	0.00323109	0.628076	-1.59217	0.257467	0.872136	-1.14661	6.16784	1.30919	0.188675	1
cg23818792	0.0962104	1.3392	1.3392	0.91763	1.01668	1.01668	0.106797	1.32516	1.32516	0.729889	1.05698	1.05698	21.6912	8.78277	0.359911	1
cg10590442	0.263769	1.53311	1.53311	0.170542	0.585473	-1.70802	0.267389	1.52777	1.52777	0.79379	0.908384	-1.10086	13.8744	29.5647	1.89412	1
cg21972318	0.186795	0.572019	-1.74819	0.781461	0.894931	-1.1174	0.882182	0.942521	-1.06098	0.854808	0.929491	-1.07586	13.1033	33.0666	2.24314	1
cg16508199	0.352386	1.353	1.353	0.989022	0.995663	-1.00436	0.00822023	2.90973	2.90973	0.333495	0.729691	-1.37044	12.1503	19.2049	1.40499	1
cg03332970	0.538803	1.30676	1.30676	0.000161514	15.9492	15.9492	0.161299	1.90252	1.90252	0.440984	1.40191	1.40191	12.1312	35.5156	2.60234	1
cg07749845	0.0375783	0.498637	-2.00547	0.00184822	0.279414	-3.57892	0.275228	1.3874	1.3874	0.167735	0.654343	-1.52825	9.79627	12.9091	1.17134	1
cg20358566	0.100013	1.53117	1.53117	0.000518953	0.278112	-3.59568	0.0085621	0.452554	-2.20968	0.246617	0.750961	-1.33163	6.74863	5.9726	0.786675	1
cg25735305	0.0213683	4.53845	4.53845	0.00349228	8.73552	8.73552	0.4308	0.644167	-1.55239	0.0571008	3.24566	3.24566	6.49807	27.3647	4.21121	1
cg00456892	0.0221588	2.31119	2.31119	0.00073952	4.78446	4.78446	0.400417	1.30072	1.30072	0.737392	1.10826	1.10826	4.70632	6.9544	1.31349	1
cg04237997	0.0455513	2.43383	2.43383	0.0134909	3.27505	3.27505	0.097694	0.494172	-2.02359	0.255116	1.5855	1.5855	3.61624	8.61852	2.11847	1
cg19477600	0.305945	1.55963	1.55963	0.171651	1.84072	1.84072	0.293505	1.57916	1.57916	0.127918	1.99392	1.99392	5.88795	16.3943	2.47501	1
cg03357540	1.46E-06	0.430919	-2.32062	1.58E-06	0.434475	-2.30163	0.000623065	0.696057	-1.43666	0.0179084	0.820311	-1.21905	35.7123	2.68031	0.0667136	1
cg21790764	0.00816646	1.39272	1.39272	1.58E-05	0.41789	-2.39297	0.483914	0.932753	-1.07209	0.0491247	0.802691	-1.24581	14.4823	2.19635	0.134806	1
cg19930057	0.258781	0.819373	-1.22045	0.00014172	0.329589	-3.03408	0.015029	0.603276	-1.65762	0.738803	0.94499	-1.05821	10.2758	4.65263	0.402469	1
cg20640305	0.00275865	3.33747	3.33747	?	?	?	0.321395	1.27373	1.27373	?	?	?	21.4275	11.0938	0.431447	1
cg00018044	0.0125243	0.361781	-2.76411	0.00456515	0.290454	-3.44288	0.602106	1.1879	1.1879	0.054802	0.490188	-2.04004	7.29381	12.3773	1.5084	1
cg21321768	0.838875	0.962738	-1.0387	0.127987	1.35924	1.35924	0.322545	1.20997	1.20997	0.760069	0.944469	-1.0588	4.64235	2.55789	0.48977	1
cg22310062	0.0462891	0.664355	-1.50522	0.00176551	0.450282	-2.22083	0.368096	0.847383	-1.1801	0.241911	0.802998	-1.24533	3.80075	1.93148	0.451718	1
cg03524611	0.00328026	0.546888	-1.82853	6.19E-05	0.328757	-3.04176	0.522234	1.10262	1.10262	0.511985	0.904679	-1.10536	12.6619	4.54945	0.31938	1
cg04425710	0.023159	0.330738	-3.02354	0.00309691	0.192149	-5.20429	0.0077386	0.248052	-4.03142	0.218494	0.590091	-1.69465	6.15299	16.185	2.33816	1
cg04118119	0.931441	0.975281	-1.02535	0.356804	0.75905	-1.31744	0.101797	1.68373	1.68373	0.1043	1.67623	1.67623	8.03382	10.7666	1.19125	1
cg19037555	0.352032	0.821657	-1.21705	0.182558	0.748165	-1.3366	0.0941112	1.45865	1.45865	0.319253	1.23505	1.23505	6.13078	4.08462	0.592221	1
cg00258132	0.468898	0.670533	-1.49135	0.000752423	0.0625298	-15.9924	0.408705	1.58142	1.58142	0.00216777	0.0968922	-10.3208	5.90929	27.5329	4.14156	1
cg18845718	0.107246	0.321423	-3.11117	0.00212805	0.0616103	-16.231	0.402012	0.574812	-1.7397	0.00855869	0.1147	-8.7184	4.59816	30.3511	5.8673	1
cg00574913	0.00405728	0.184132	-5.43087	0.00581124	0.205091	-4.87589	0.211309	0.561277	-1.78165	0.0186979	0.286541	-3.4899	6.20669	18.9065	2.70768	1
cg16907298	?	?	?	0.0876613	0.50875	-1.9656	0.231651	0.643275	-1.55455	0.162592	1.69503	1.69503	16.4112	19.7144	1.20128	1
cg20657098	0.947577	0.980471	-1.01992	7.76E-05	0.0930641	-10.7453	0.45077	1.26002	1.26002	0.318708	0.732966	-1.36432	24.5743	30.467	1.08481	1
cg14972155	0.0168204	0.129184	-7.74089	0.00244134	0.051888	-19.2723	0.131153	0.318726	-3.13749	0.0220213	0.145601	-6.86807	7.53224	58.7128	6.92877	1
cg07233761	0.138927	0.613205	-1.63078	0.00105389	0.225888	-4.42697	0.0549835	0.512666	-1.95059	0.0765572	0.546151	-1.831	7.49569	11.1914	1.32715	1
cg09452568	0.0139805	0.131386	-7.61118	0.000644793	0.0301742	-33.1408	0.212224	0.415354	-2.40759	0.0294826	0.180101	-5.55244	7.39217	52.3467	6.29455	1
cg06837426	0.0986705	0.529803	-1.88749	0.00505778	0.272425	-3.67073	0.550352	0.808978	-1.23613	0.0358629	0.424635	-2.35496	6.15222	11.9917	1.73259	1
cg21180956	0.188583	0.507332	-1.9711	0.0027103	0.132943	-7.52203	0.0816908	0.390677	-2.55966	0.0393076	0.312997	-3.19492	5.69972	21.4209	3.34065	1
cg16462183	0.0356345	0.292241	-3.42183	0.00169211	0.104717	-9.54959	0.0239265	0.257847	-3.87826	0.0342802	0.288717	-3.4636	5.57258	22.3329	3.56234	1
cg00992687	0.0123775	0.230143	-4.34512	0.00304401	0.147288	-6.7894	0.10332	0.431443	-2.3178	0.0755796	0.393277	-2.54274	5.4581	19.2425	3.13377	1
cg10631947	0.0257031	0.512103	-1.95273	0.00134598	0.308362	-3.24294	0.289682	0.757607	-1.31995	0.328782	0.775234	-1.28993	5.23012	5.28483	0.898187	1
cg20451680	0.101024	0.348348	-2.87069	0.00265073	0.0870148	-11.4923	0.0664266	0.298571	-3.34928	0.0618502	0.290885	-3.43779	4.61306	25.1912	4.85408	1
cg20673840	0.114872	0.33865	-2.9529	0.00101932	0.0461237	-21.6808	0.052371	0.248239	-4.02838	0.0646742	0.269674	-3.70818	5.52371	34.892	5.61491	1
cg00159614	0.212454	1.3164	1.3164	0.277215	1.26688	1.26688	0.577686	0.888931	-1.12495	0.515142	0.870968	-1.14815	8.23292	5.71338	0.61686	1
cg25696949	0.152684	0.387322	-2.58183	0.00231378	0.0716795	-13.951	0.419485	0.600022	-1.6666	0.0620852	0.272328	-3.67204	4.59798	27.9238	5.39827	1
cg15977026	0.949772	0.984283	-1.01597	0.792278	1.06862	1.06862	0.220977	0.723572	-1.38203	0.423061	0.81402	-1.22847	4.1925	4.19896	0.890257	1
cg07017737	0.415026	0.849497	-1.17717	0.000125422	3.69856	3.69856	0.192819	1.30974	1.30974	0.778777	0.946358	-1.05668	13.5554	8.22849	0.539578	1
cg26419880	0.165117	2.02123	2.02123	5.66E-05	34.9561	34.9561	0.156443	2.05536	2.05536	0.0799401	2.51789	2.51789	10.0918	36.102	3.17988	1
cg10949430	0.370879	0.830231	-1.20448	0.00222557	0.419995	-2.38098	0.00049538	0.331537	-3.01625	0.0359057	0.610044	-1.63923	9.74207	6.32602	0.5772	1
cg01337514	0.00517016	0.309262	-3.2335	0.0224325	0.419202	-2.38549	0.00198945	0.249586	-4.00663	0.0126313	0.373204	-2.6795	7.91032	12.6598	1.42259	1
cg00014168	0.0105958	0.304077	-3.28864	0.0014283	0.181163	-5.51988	0.0195494	0.351675	-2.84353	0.251157	0.641439	-1.559	7.78296	16.9071	1.93096	1
cg13284574	0.297985	0.72674	-1.37601	0.0343161	0.48169	-2.07603	0.00183231	0.269908	-3.70497	0.360129	0.757033	-1.32095	6.86305	9.51397	1.23223	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00833822	ESPN	0.00687451	0.604839	1.23514	1.23514	0.766743	1.12789	1.12789	0.524815	0.770497	-1.29786	0.0139626	3.41546	3.41546	0.354857	1.46971	1.46971
cg11404532	ESPN	0.0069155	0.223211	0.816664	-1.22449	0.00113121	0.468553	-2.13423	0.0014169	0.481469	-2.07698	0.738526	1.05444	1.05444	0.339848	0.855843	-1.16844
cg04871364	ESPN	0.00749228	0.00456659	10.1374	10.1374	0.0619586	3.50191	3.50191	0.162503	2.41475	2.41475	0.0394136	4.16667	4.16667	0.00715082	8.32253	8.32253
cg21211780	ESPN	0.0103084	0.484412	0.830794	-1.20367	0.139475	0.660421	-1.51419	0.000399749	0.230029	-4.34729	0.0567741	1.75506	1.75506	0.0374133	0.532547	-1.87777
cg03255783	ESPN	0.013344	0.217783	0.575339	-1.73811	0.167037	0.533615	-1.87401	0.0326411	0.344386	-2.90372	0.116706	0.483491	-2.06829	0.0037441	0.188458	-5.30621
cg12143651	ESPN	0.0136446	0.675991	1.144	1.144	0.302935	1.40713	1.40713	0.52245	0.812629	-1.23057	0.0326372	2.22613	2.22613	0.438951	1.28746	1.28746
cg06085683	ESPN	0.0159406	0.591738	1.25802	1.25802	0.30991	1.56127	1.56127	0.534666	0.765975	-1.30553	0.0779015	2.29479	2.29479	0.0185907	0.298231	-3.35311
cg01085974	ESPN	0.0217345	0.0144103	0.169082	-5.91428	0.00391884	0.101465	-9.85561	0.0121496	0.158487	-6.30965	0.926681	1.05574	1.05574	0.0242678	0.205424	-4.86798
cg25097074	ESPN	0.0241418	0.00815454	0.57627	-1.7353	0.977688	0.995458	-1.00456	0.0301473	1.51441	1.51441	0.0303469	1.5134	1.5134	0.367097	0.860008	-1.16278
cg00917101	ESPN	0.0246112	0.2849	0.583469	-1.71389	0.00429569	0.156885	-6.37411	0.00693749	0.183695	-5.44379	0.860858	1.08882	1.08882	0.0291924	0.287525	-3.47796
cg00853242	ESPN	0.0256244	0.0475694	0.494939	-2.02045	0.0165252	0.402959	-2.48164	0.0163283	0.402005	-2.48753	0.404355	0.767338	-1.30321	0.0177653	0.408755	-2.44645
cg13356427	ESPN	0.0287827	0.265878	0.350021	-2.85697	0.0521578	0.135334	-7.38912	0.00103709	0.0122944	-81.3382	0.843182	0.835822	-1.19643	0.243437	3.01961	3.01961
cg00158227	ESPN	0.0301747	0.239625	2.32718	2.32718	0.121561	3.16243	3.16243	0.658859	0.737294	-1.35631	0.0277898	5.95297	5.95297	0.19352	0.389163	-2.56962
cg16672535	ESPN	0.0375683	0.281401	0.667554	-1.49801	0.916988	0.963063	-1.03835	0.00602239	0.273792	-3.65241	0.664724	1.17048	1.17048	0.75342	1.12048	1.12048
cg15718222	ESPN	0.0431801	0.0191591	0.401384	-2.49138	0.992058	1.00321	1.00321	0.915746	1.03467	1.03467	0.0860409	0.54287	-1.84206	0.00871533	0.340831	-2.934
cg22532774	ESPNL	1.94E-05	0.456778	1.10618	1.10618	8.23E-05	2.57179	2.57179	0.020747	0.690234	-1.44878	0.199172	1.19798	1.19798	2.14E-05	0.320195	-3.1231
cg15367000	ESPNL	0.000956182	0.101684	0.754923	-1.32464	0.000478631	2.36315	2.36315	0.0896363	1.34125	1.34125	0.895922	0.979674	-1.02075	0.000137979	0.355599	-2.81216
cg06725957	ESPNL	0.00241192	0.0152178	0.788042	-1.26897	0.00745313	0.75931	-1.31699	0.079955	0.856202	-1.16795	0.154904	1.12935	1.12935	0.00019873	0.606898	-1.64772
cg18772884	ESPNL	0.00594113	0.00186755	0.0637092	-15.6963	0.689506	1.28478	1.28478	0.435945	1.64204	1.64204	0.717324	0.79703	-1.25466	0.000314221	0.0261393	-38.2566
cg21674835	ESPNL	0.0068273	0.904016	1.02762	1.02762	0.00464065	0.427236	-2.34063	0.00145663	0.354028	-2.82464	0.558928	1.14279	1.14279	0.658847	1.10555	1.10555
cg22999620	ESPNL	0.0107795	0.852296	0.944934	-1.05827	0.0279298	0.454151	-2.20191	0.00334492	0.297174	-3.36503	0.000706551	0.208363	-4.79931	0.352069	0.747506	-1.33778
cg04151762	ESPNL	0.0187519	0.108231	0.798413	-1.25248	0.69945	1.0511	1.0511	0.00958604	0.656146	-1.52405	0.600204	1.0703	1.0703	0.531608	1.08481	1.08481
cg22596624	ESPNL	0.0190587	0.285353	0.79614	-1.25606	0.47846	1.15957	1.15957	0.0275081	0.585315	-1.70848	0.761843	0.939462	-1.06444	0.000840326	0.356307	-2.80657
cg04284658	ESPNL	0.0238275	0.206483	0.506917	-1.97271	0.0584667	0.336183	-2.97457	0.0165743	0.224874	-4.44693	0.117725	0.420521	-2.378	0.00935897	0.186308	-5.36747
cg19391697	ESPNL	0.0366965	0.00497386	0.169801	-5.88924	0.165302	2.02536	2.02536	0.958657	0.975582	-1.02503	0.390829	0.65751	-1.52089	0.00495034	0.169539	-5.89834
cg23194295	ESPNL	0.0425517	0.459314	1.52864	1.52864	0.0386649	0.25954	-3.85297	0.0372253	0.256113	-3.90452	0.329103	1.76353	1.76353	0.00748968	0.143845	-6.95192
cg04944300	ESPNP	0.000130688	0.935494	1.02878	1.02878	0.401556	0.740099	-1.35117	0.000314716	0.129135	-7.74385	0.677394	1.15796	1.15796	0.000200751	0.112189	-8.91353
cg08912841	ESPNP	0.000178194	0.00378222	1.72524	1.72524	0.0144504	1.52306	1.52306	0.000496462	0.46729	-2.14	0.0210054	1.47335	1.47335	0.736535	0.953959	-1.04826
cg03225791	ESPNP	0.000317487	0.666549	0.942619	-1.06087	0.0278514	0.701653	-1.42521	1.97E-05	0.307626	-3.2507	0.984908	1.00258	1.00258	0.000423163	0.467067	-2.14102
cg14995274	ESPNP	0.00422597	0.0995858	1.6154	1.6154	0.0965866	0.615879	-1.6237	0.000156573	0.179209	-5.58007	0.943167	0.981235	-1.01912	0.00521873	0.375601	-2.6624
cg15015518	ESPNP	0.00446872	0.0114027	0.599901	-1.66694	0.204466	1.24119	1.24119	0.0574812	0.707033	-1.41436	0.0486692	0.69534	-1.43815	0.0285846	0.659158	-1.51709
cg10335333	ESPNP	0.00455513	0.729295	0.948565	-1.05422	0.0764841	1.34922	1.34922	0.000270081	0.403342	-2.47929	0.0629884	0.727663	-1.37426	0.0387244	0.694994	-1.43886
cg22364729	ESPNP	0.0205989	0.259004	0.649316	-1.54008	0.0194048	0.354707	-2.81923	0.00560431	0.2635	-3.79507	0.635517	1.19135	1.19135	0.0126333	0.320796	-3.11724
cg15629460	ESPNP	0.0313208	0.919322	1.05252	1.05252	0.306794	1.70659	1.70659	0.6424	0.789591	-1.26648	0.108463	2.42196	2.42196	0.0601878	0.342685	-2.91813
cg04850659	ESPNP	0.039365	0.458956	1.52308	1.52308	0.49744	1.46868	1.46868	0.168899	0.441375	-2.26565	0.165731	2.28139	2.28139	0.571195	1.37617	1.37617
cg07311615	ESPNP	0.0485385	0.231466	1.98975	1.98975	0.206217	2.07693	2.07693	0.216878	0.490533	-2.0386	0.178961	2.18724	2.18724	0.275884	1.86142	1.86142
cg17741339	ESR1	0.0020402	0.0360135	1.56362	1.56362	0.150134	1.32675	1.32675	0.179022	1.29905	1.29905	0.00677173	1.90266	1.90266	0.0139252	0.573056	-1.74503
cg22157087	ESR1	0.0071002	0.349275	0.783313	-1.27663	0.00909904	2.31631	2.31631	0.93251	0.97876	-1.0217	0.111183	0.64415	-1.55243	0.000389749	0.238535	-4.19226
cg08415493	ESR1	0.0146963	0.0432887	0.248326	-4.02697	0.15964	0.40636	-2.46087	0.00949257	0.139555	-7.16565	0.126269	0.371101	-2.69468	0.0293173	0.214725	-4.65713
cg06611115	ESR1	0.0186418	0.237325	0.783945	-1.2756	0.00712724	1.98055	1.98055	0.69813	0.92623	-1.07965	0.0923584	0.694732	-1.4394	0.00190315	0.42109	-2.37479
cg08161546	ESR1	0.0334453	0.0716108	0.376632	-2.65511	0.530861	1.3609	1.3609	0.128448	0.450393	-2.22028	0.686163	0.821042	-1.21796	0.0026781	0.13334	-7.49963
cg07584093	ESR1;ESR1	0.000369348	0.00434595	0.322579	-3.10002	0.0024401	0.28587	-3.49809	0.0139849	0.40612	-2.46233	0.00716725	0.356734	-2.80321	0.00147637	0.256122	-3.90439
cg01321962	ESR1;ESR1	0.00141569	0.0287764	0.343999	-2.90699	0.519469	0.763214	-1.31025	0.0311063	0.350989	-2.8491	0.232171	1.67951	1.67951	0.012426	0.275985	-3.62339
cg17706972	ESR1;ESR1	0.00394783	0.0125801	0.366368	-2.7295	0.0376085	0.458199	-2.18246	0.155914	0.61188	-1.63431	0.176986	0.628547	-1.59097	0.00130514	0.219877	-4.548
cg10441070	ESR1;ESR1	0.00569903	0.0334212	0.466557	-2.14336	0.000784994	0.2107	-4.74609	0.979717	0.992233	-1.00783	0.903197	0.963366	-1.03803	0.0252598	0.44218	-2.26152
cg07619683	ESR1;ESR1	0.00647209	0.00213805	0.0534981	-18.6922	0.0123625	0.120734	-8.28264	0.0249887	0.163569	-6.11363	0.0427241	0.205257	-4.87194	0.0171877	0.139333	-7.17705
cg07189962	ESR1;ESR1	0.0129402	0.0185903	0.202596	-4.93594	0.0585464	0.30251	-3.30568	0.115738	0.384209	-2.60275	0.694511	0.80185	-1.24712	0.0158606	0.191469	-5.22278
cg18007957	ESR1;ESR1	0.0146508	0.0141159	0.285481	-3.50286	0.833274	1.09115	1.09115	0.150308	0.528291	-1.89289	0.0795369	0.446913	-2.23757	0.0016718	0.155653	-6.42455
cg04211581	ESR1;ESR1	0.0242043	0.0213407	0.356908	-2.80184	0.0438659	2.36946	2.36946	0.279779	0.658062	-1.51961	0.213469	0.613918	-1.62888	0.0206679	0.354232	-2.82301
cg08907436	ESR1;ESR1	0.0345144	0.112895	0.269779	-3.70674	0.0658522	0.208658	-4.79254	0.0424957	0.169707	-5.89249	0.257549	0.407748	-2.45249	0.0127449	0.0953893	-10.4834
cg01715172	ESR1;ESR1;ESR1;ESR1	0.000170196	9.53E-05	0.106513	-9.38852	0.0140265	0.376209	-2.6581	0.203193	0.648607	-1.54177	0.0162131	0.387611	-2.57991	0.199386	0.645964	-1.54807
cg15543523	ESR1;ESR1;ESR1;ESR1	0.000213042	0.00349547	0.238502	-4.19284	0.00488331	0.259331	-3.85608	0.00244279	0.217507	-4.59756	0.000685122	0.15317	-6.52868	0.000339925	0.123915	-8.07006
cg10939667	ESR1;ESR1;ESR1;ESR1	0.000681142	0.00184123	0.589413	-1.6966	0.319146	1.13093	1.13093	0.491395	0.919867	-1.08711	0.748111	1.03926	1.03926	0.0482021	0.763505	-1.30975
cg21265702	ESR1;ESR1;ESR1;ESR1	0.000688359	0.0285829	0.734044	-1.36232	0.280093	1.14385	1.14385	0.309108	0.881618	-1.13428	0.166649	0.83819	-1.19305	0.815605	0.972425	-1.02836
cg26089753	ESR1;ESR1;ESR1;ESR1	0.000848556	0.000360254	0.0721923	-13.8519	0.0154665	0.255493	-3.91401	0.0304628	0.310916	-3.21631	0.00291941	0.152831	-6.54316	0.00713631	0.202685	-4.93377
cg23165623	ESR1;ESR1;ESR1;ESR1	0.000982629	0.00035523	0.218141	-4.5842	0.000789552	0.260041	-3.84554	0.927406	1.02449	1.02449	0.0823902	0.59995	-1.66681	0.00142846	0.293807	-3.40359
cg01777019	ESR1;ESR1;ESR1;ESR1	0.00193119	0.00246699	0.746417	-1.33973	0.316985	1.07451	1.07451	0.181877	0.906244	-1.10346	0.916561	1.00731	1.00731	0.843632	0.986373	-1.01381
cg06877423	ESR1;ESR1;ESR1;ESR1	0.00271641	0.71319	1.11139	1.11139	0.419774	0.789935	-1.26593	0.238011	0.702181	-1.42413	0.0805336	0.574376	-1.74102	0.0345534	0.494091	-2.02392
cg00601836	ESR1;ESR1;ESR1;ESR1	0.00437738	0.543729	1.39773	1.39773	0.00161545	11.7388	11.7388	0.0937686	2.72944	2.72944	0.262617	1.88962	1.88962	0.653525	0.781783	-1.27913
cg00920970	ESR1;ESR1;ESR1;ESR1	0.00515339	0.862659	0.961072	-1.0405	0.00226507	2.66324	2.66324	0.362385	1.23947	1.23947	0.00387262	2.44048	2.44048	0.296268	0.780088	-1.28191
cg02404255	ESR1;ESR1;ESR1;ESR1	0.00658484	0.492921	1.10047	1.10047	0.00116623	0.519223	-1.92595	0.00263141	0.564161	-1.77254	0.564636	1.08335	1.08335	0.101538	1.2795	1.2795
cg07059469	ESR1;ESR1;ESR1;ESR1	0.00804855	0.0211383	0.485723	-2.05879	0.197003	0.700992	-1.42655	0.000925616	0.2757	-3.62713	0.024893	0.49891	-2.00437	0.0500153	0.55872	-1.78981
cg12209876	ESR1;ESR1;ESR1;ESR1	0.00875274	0.349763	0.878574	-1.13821	0.128217	1.24753	1.24753	0.138122	1.23953	1.23953	0.00253443	0.569159	-1.75698	0.00175762	0.54907	-1.82126
cg20627916	ESR1;ESR1;ESR1;ESR1	0.0135471	0.00732935	0.438235	-2.28188	0.0824389	0.631855	-1.58264	0.00849738	0.448597	-2.22917	0.600239	0.881443	-1.1345	0.0770124	0.625466	-1.59881
cg19369424	ESR1;ESR1;ESR1;ESR1	0.020149	0.00644609	0.195288	-5.12063	0.020638	0.276619	-3.61508	0.0771194	0.404094	-2.47467	0.0369276	0.32719	-3.05633	0.0301678	0.308729	-3.23909
cg09414638	ESR1;ESR1;ESR1;ESR1	0.0233629	0.195299	0.524196	-1.90768	0.0210459	0.270194	-3.70104	0.00804723	0.201723	-4.9573	0.0596504	0.367057	-2.72437	0.0375235	0.320455	-3.12056
cg03732055	ESR1;ESR1;ESR1;ESR1	0.0290966	0.802114	0.901373	-1.10942	0.885425	0.942122	-1.06143	0.0247562	0.331106	-3.02018	0.0391869	0.372768	-2.68263	0.0161215	0.295987	-3.37852
cg02285263	ESR1;ESR1;ESR1;ESR1	0.0302906	0.379985	1.23018	1.23018	0.0126064	2.04114	2.04114	0.10885	1.49518	1.49518	0.0906986	1.5353	1.5353	0.312669	1.27154	1.27154
cg00655307	ESR1;ESR1;ESR1;ESR1	0.0326492	0.0112608	0.516317	-1.9368	0.0608229	1.55273	1.55273	0.116887	0.701403	-1.42571	0.0199009	0.557013	-1.79529	0.0531927	0.632955	-1.57989
cg04063345	ESR1;ESR1;ESR1;ESR1	0.0335655	0.444606	1.40828	1.40828	0.951267	0.973506	-1.02722	0.443835	1.40913	1.40913	0.118084	2.10754	2.10754	0.934653	1.03668	1.03668
cg07455133	ESR1;ESR1;ESR1;ESR1	0.0348201	0.0152374	0.195735	-5.10896	0.881481	1.08507	1.08507	0.0384134	0.26906	-3.71665	0.0535251	0.301177	-3.32031	0.0439802	0.281731	-3.54948
cg21608605	ESR1;ESR1;ESR1;ESR1	0.03483	0.493316	0.662067	-1.51042	0.0330898	0.22833	-4.37963	0.905854	0.93227	-1.07265	0.270718	1.97338	1.97338	0.34024	1.7907	1.7907
cg08884395	ESR1;ESR1;ESR1;ESR1	0.0378645	0.0100041	0.103459	-9.66564	0.994196	0.994938	-1.00509	0.70952	0.770256	-1.29827	0.603824	0.694057	-1.4408	0.00661748	0.0855043	-11.6953
cg15626350	ESR1;ESR1;ESR1;ESR1	0.0480363	0.220447	1.8961	1.8961	0.409075	1.52091	1.52091	0.0126072	4.66672	4.66672	0.0659914	2.78528	2.78528	0.743575	1.17706	1.17706
cg11251858	ESR1;ESR1;ESR1;ESR1;ESR1	0.00079632	0.533659	1.07225	1.07225	0.526683	0.931476	-1.07357	0.000169869	2.02912	2.02912	0.000113095	2.11777	2.11777	0.557202	1.0679	1.0679
cg22839866	ESR1;ESR1;ESR1;ESR1;ESR1	0.0276584	0.150647	0.839262	-1.19152	0.0414801	0.765332	-1.30662	0.00994374	0.69048	-1.44827	0.0690663	0.793419	-1.26037	0.304698	0.886111	-1.12853
cg02306513	ESR2	0.00566031	0.0658408	1.40461	1.40461	0.00365783	0.523622	-1.90977	0.000787405	0.433731	-2.30557	0.825136	0.96423	-1.0371	0.644893	0.926454	-1.07938
cg08106184	ESR2	0.00761297	0.0358224	0.501656	-1.9934	0.00138404	3.70491	3.70491	0.063527	1.80272	1.80272	0.0112597	0.407872	-2.45175	0.556584	1.18289	1.18289
cg21029932	ESR2	0.025606	0.0515733	0.312565	-3.19934	0.0265262	3.97561	3.97561	0.0734778	2.85016	2.85016	0.596041	1.32417	1.32417	0.395698	1.57855	1.57855
cg23284245	ESR2;ESR2;ESR2	0.000252991	0.484649	1.16035	1.16035	4.68E-05	0.200193	-4.99518	0.00197962	0.400463	-2.49711	0.000714072	0.339893	-2.9421	0.000183099	0.265921	-3.76052
cg23494957	ESR2;ESR2;ESR2	0.00508792	0.000829428	5.17801	5.17801	0.109029	0.582422	-1.71697	0.0448239	2.05077	2.05077	0.0485193	2.01845	2.01845	0.0248817	0.432734	-2.31089
cg18084582	ESR2;ESR2;ESR2	0.038085	0.320237	0.510434	-1.95912	0.011218	0.124877	-8.00789	0.0198024	0.158456	-6.31089	0.0778122	0.277139	-3.6083	0.0272049	0.180592	-5.53734
cg09993711	ESR2;ESR2;ESR2	0.0429083	0.881425	1.04427	1.04427	0.0235775	0.456273	-2.19167	0.0528998	0.52808	-1.89365	0.449952	0.799774	-1.25035	0.0189396	0.43834	-2.28134
cg01015652	ESR2;ESR2;ESR2;ESR2;ESR2	0.00138452	0.188676	0.738647	-1.35383	0.168456	0.726721	-1.37604	0.182709	0.735231	-1.36012	0.0654122	0.63773	-1.56806	0.0669614	0.639755	-1.5631
cg16371032	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	4.25E-06	0.782348	1.02361	1.02361	1.76E-05	2.0962	2.0962	0.241875	0.901914	-1.10875	0.368254	0.925069	-1.081	0.217505	1.11554	1.11554
cg18565355	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	8.34E-06	0.00100098	2.42594	2.42594	9.36E-07	10.4973	10.4973	0.000454521	2.72406	2.72406	0.00367511	2.03884	2.03884	1.69E-05	4.96531	4.96531
cg06019853	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.000163514	1.26E-05	6.66697	6.66697	0.544666	1.13494	1.13494	0.201821	0.757105	-1.32082	0.0690754	0.657074	-1.5219	0.471474	0.859655	-1.16326
cg23051372	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.00055962	0.326053	0.824296	-1.21316	0.00105178	0.397078	-2.5184	6.89E-05	0.25003	-3.99953	0.00613951	0.505943	-1.97651	0.232403	0.787698	-1.26952
cg26350286	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.000562693	0.218592	0.829652	-1.20532	0.000135929	2.59366	2.59366	3.14E-05	3.22669	3.22669	0.888487	0.979956	-1.02045	0.867669	0.976221	-1.02436
cg13078567	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.000613352	0.00148891	0.17286	-5.78503	0.000236701	0.0969367	-10.316	0.0292203	0.373686	-2.67604	0.30451	1.50291	1.50291	6.04E-05	0.0584898	-17.097
cg26545346	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.000671853	0.682013	0.939481	-1.06442	0.00302124	0.540101	-1.85151	0.00424596	0.559944	-1.78589	0.22266	0.823496	-1.21434	0.980941	0.996387	-1.00363
cg21595503	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.000765872	0.790912	1.03215	1.03215	0.928406	1.01076	1.01076	0.0115208	1.457	1.457	0.960829	0.994167	-1.00587	0.347164	0.891103	-1.1222
cg27655935	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.000786936	0.00159895	0.23537	-4.24864	0.393123	0.756178	-1.32244	0.0130651	0.373955	-2.67412	0.469655	1.26492	1.26492	0.000369624	0.16186	-6.17818
cg13909214	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.000930454	0.238266	1.24701	1.24701	0.0160627	1.6931	1.6931	0.0114984	1.75936	1.75936	0.00796897	1.83648	1.83648	0.535767	1.11858	1.11858
cg16747999	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.0026628	0.677063	1.04796	1.04796	0.455576	1.08872	1.08872	0.447195	1.09052	1.09052	0.0447136	1.29402	1.29402	0.13953	1.19464	1.19464
cg14154651	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.0238889	0.11773	1.83969	1.83969	0.0214875	0.37117	-2.69418	0.902671	1.04488	1.04488	0.0514961	2.21538	2.21538	0.0491412	2.2386	2.2386
cg07473471	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.0427037	0.902122	1.08948	1.08948	0.2515	2.31642	2.31642	0.0216022	7.2305	7.2305	0.185311	2.68372	2.68372	0.00897821	0.0901849	-11.0883
cg01177854	ESRP2	0.00248575	0.0184186	3.60196	3.60196	0.00177851	7.34291	7.34291	0.021937	3.428	3.428	0.312319	1.59742	1.59742	0.00786246	4.61048	4.61048
cg04079760	ESRP2	0.00327331	0.0203392	7.58614	7.58614	0.0523544	4.94648	4.94648	0.0657392	4.46446	4.46446	0.0569278	4.76353	4.76353	0.00958299	10.7669	10.7669
cg04328477	ESRP2	0.00379093	0.0169955	6.64519	6.64519	0.00911413	8.63393	8.63393	0.0648117	3.85525	3.85525	0.132554	2.87516	2.87516	0.00756883	9.35128	9.35128
cg27217214	ESRP2	0.00394038	0.0305695	0.477333	-2.09497	0.00470994	2.98318	2.98318	0.163976	0.649047	-1.54072	0.817265	0.934857	-1.06968	0.00823155	0.373926	-2.67433
cg04513006	ESRP2	0.00591913	0.0320914	5.81236	5.81236	0.00629358	12.1175	12.1175	0.0918905	3.67205	3.67205	0.244846	2.34614	2.34614	0.0213778	6.94782	6.94782
cg22190721	ESRP2	0.00650545	0.0239489	4.49065	4.49065	0.00461182	8.18251	8.18251	0.0103037	6.06429	6.06429	0.0423228	3.68368	3.68368	0.00598441	7.41252	7.41252
cg01660934	ESRP2	0.00904946	0.0301763	4.30418	4.30418	0.00877703	6.76044	6.76044	0.797184	1.15888	1.15888	0.0389195	3.93083	3.93083	0.00461364	8.65767	8.65767
cg00944421	ESRP2	0.0109855	0.016284	16.2065	16.2065	0.0254942	12.3904	12.3904	0.0310328	11.0272	11.0272	0.0861226	6.03732	6.03732	0.00704083	27.1942	27.1942
cg08694699	ESRP2	0.0116179	0.0346381	5.03783	5.03783	0.0163962	6.85975	6.85975	0.0675448	3.8363	3.8363	0.232063	2.27678	2.27678	0.0131394	7.52882	7.52882
cg20264732	ESRP2	0.0302492	0.0367132	4.82388	4.82388	0.057176	4.0356	4.0356	0.0865722	3.41236	3.41236	0.0987465	3.23411	3.23411	0.0196147	6.22264	6.22264
cg01380533	ESRP2	0.0390643	0.500013	1.17274	1.17274	0.0101521	0.470184	-2.12682	0.503783	0.853931	-1.17105	0.201371	1.36894	1.36894	0.500013	1.17274	1.17274
cg06723863	ESRP2;ESRP2	0.0318202	0.0448372	28.4149	28.4149	0.150509	9.39178	9.39178	0.246357	5.82419	5.82419	0.0753826	17.7668	17.7668	0.0489084	26.2714	26.2714
cg23073111	ESRRA	1.98E-05	0.898929	0.989989	-1.01011	0.000204707	0.61096	-1.63677	0.000486328	0.648592	-1.5418	0.000323757	0.631027	-1.58472	0.206677	1.11122	1.11122
cg22040889	ESRRA	0.000294157	0.00499812	0.474446	-2.10772	0.00595843	0.485937	-2.05788	0.177771	1.33301	1.33301	0.24291	0.782495	-1.27796	0.00119874	0.385745	-2.59239
cg23878768	ESRRA	0.00047667	0.339128	1.09438	1.09438	4.44E-05	0.492547	-2.03026	0.967474	1.00374	1.00374	0.300751	0.906512	-1.10313	0.624318	0.955824	-1.04622
cg19657039	ESRRA	0.00281156	0.00486401	0.244848	-4.08416	0.0874757	0.491142	-2.03607	0.00425771	0.236549	-4.22746	0.565419	0.80332	-1.24483	0.0077202	0.275302	-3.63238
cg03474219	ESRRA	0.00535138	0.166182	0.787115	-1.27046	0.0571387	0.705437	-1.41756	0.430969	1.1392	1.1392	0.400379	1.14978	1.14978	0.388383	0.866469	-1.15411
cg18538253	ESRRA	0.00591194	0.0786276	1.43768	1.43768	0.104579	0.71913	-1.39057	0.000493527	0.362796	-2.75637	0.894358	0.97561	-1.025	0.81354	1.04489	1.04489
cg10155572	ESRRA	0.00616725	0.00807469	0.547312	-1.82711	0.000474964	0.377233	-2.65088	0.70132	1.07086	1.07086	0.106965	0.731516	-1.36702	0.215686	0.793344	-1.26049
cg07400246	ESRRA	0.0166778	0.0500273	0.649869	-1.53877	0.0329792	1.61759	1.61759	0.169424	1.32618	1.32618	0.913669	1.02113	1.02113	0.61674	0.907271	-1.10221
cg19542841	ESRRA	0.017371	0.644032	0.951805	-1.05063	0.00504195	0.674537	-1.4825	0.534008	0.935323	-1.06915	0.78735	0.971705	-1.02912	0.815498	0.975492	-1.02512
cg18138400	ESRRA	0.0248547	0.9591	0.992555	-1.0075	0.834507	1.03095	1.03095	0.488578	1.10796	1.10796	0.173583	0.8098	-1.23487	0.203466	0.822346	-1.21603
cg00611429	ESRRA	0.0336864	0.752417	1.02907	1.02907	0.979646	1.00231	1.00231	0.848558	1.01746	1.01746	0.289928	0.905338	-1.10456	0.0083658	1.3567	1.3567
cg26647291	ESRRA	0.0426081	0.654545	0.954098	-1.04811	0.53575	0.936669	-1.06761	0.851779	1.01971	1.01971	0.925406	1.00982	1.00982	0.0601926	0.801586	-1.24753
cg25792419	ESRRA;ESRRA	0.00347951	0.61195	0.880245	-1.13605	0.662013	1.11591	1.11591	0.000162965	0.201094	-4.97279	0.341825	1.27662	1.27662	0.726696	1.09144	1.09144
cg03195230	ESRRA;ESRRA	0.0165046	0.00947671	0.511626	-1.95455	0.772121	0.94252	-1.06098	0.072007	0.664045	-1.50592	0.0258744	0.583166	-1.71478	0.020814	0.567123	-1.76329
cg19843226	ESRRB	1.50E-05	0.371641	1.19693	1.19693	0.0002931	0.314589	-3.17875	7.45E-05	0.244156	-4.09574	2.84E-05	0.199419	-5.01455	2.51E-05	0.193909	-5.15705
cg04519789	ESRRB	0.000223422	0.311038	1.19559	1.19559	1.31E-05	0.210355	-4.75387	0.000181852	0.339906	-2.94199	0.0896184	1.37568	1.37568	0.497899	1.12444	1.12444
cg06775869	ESRRB	0.00158462	0.791051	0.949825	-1.05283	0.219521	1.28441	1.28441	0.385192	1.18838	1.18838	0.333576	0.824196	-1.2133	0.946132	1.01319	1.01319
cg02032982	ESRRB	0.00182145	0.297991	1.37109	1.37109	0.180862	0.65993	-1.51531	0.835033	0.94082	-1.0629	0.00203367	0.28011	-3.57002	0.000209335	0.162937	-6.13736
cg11763914	ESRRB	0.00225977	0.244197	0.818836	-1.22125	0.00891922	0.579374	-1.726	0.0100603	0.586918	-1.70381	0.260931	1.21209	1.21209	0.000299845	0.381044	-2.62437

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00833822	0.357764	1.46611	1.46611	0.000194476	12.6341	12.6341	0.063952	2.32184	2.32184	0.00959792	3.76808	3.76808	6.65251	17.2447	2.30419	1
cg11404532	0.34339	0.856876	-1.16703	0.0224218	1.54164	1.54164	0.167978	0.792527	-1.26179	0.760835	0.952837	-1.0495	6.6402	2.63357	0.352542	1
cg04871364	0.310168	1.85496	1.85496	0.000416701	34.4745	34.4745	0.00881258	7.61176	7.61176	0.0424636	4.04849	4.04849	7.42407	39.4311	4.13097	1
cg21211780	0.0526074	0.562788	-1.77687	0.142329	0.662677	-1.50903	0.174586	0.686104	-1.4575	0.924327	0.975519	-1.02509	5.85341	6.30943	0.958139	1
cg03255783	0.0324327	0.3438	-2.90866	0.00124597	0.133859	-7.47055	0.00917845	0.244009	-4.09822	0.122322	0.489707	-2.04204	5.38398	15.5014	2.55926	1
cg12143651	0.673065	1.1455	1.1455	0.000725158	5.18286	5.18286	0.0265825	2.31936	2.31936	0.00648412	3.10395	3.10395	5.34482	8.67226	1.44227	1
cg06085683	0.501374	1.33553	1.33553	0.0015198	6.93053	6.93053	0.586528	0.79228	-1.26218	0.0335442	2.86573	2.86573	5.07727	14.4554	2.53073	1
cg01085974	0.0470752	0.26204	-3.81621	0.0514959	0.270789	-3.69291	0.0450049	0.257763	-3.87954	0.0987062	0.34403	-2.90672	4.57293	25.1544	4.88952	1
cg25097074	0.114448	1.32242	1.32242	0.0474354	0.691336	-1.44647	0.798249	1.04257	1.04257	0.754466	0.950213	-1.0524	4.41039	1.8507	0.372998	1
cg00917101	0.129961	0.452317	-2.21084	0.0709594	0.375878	-2.66043	0.0145966	0.232514	-4.30082	0.0751697	0.382492	-2.61443	4.38103	16.3233	3.31191	1
cg00853242	0.109884	0.582223	-1.71756	0.00538784	0.32073	-3.11788	0.0135261	0.387251	-2.58231	0.297102	0.714969	-1.39866	4.31996	6.59112	1.35621	1
cg13356427	0.368347	2.30857	2.30857	0.194533	0.288627	-3.46468	0.399577	0.458027	-2.18328	0.604041	1.60596	1.60596	4.14725	53.8509	11.542	1
cg00158227	0.532407	1.54308	1.54308	0.00210872	19.4098	19.4098	0.640426	1.38085	1.38085	0.0359782	5.33027	5.33027	4.07841	30.3928	6.62409	1
cg16672535	0.0538906	0.453828	-2.20348	0.0460198	0.438048	-2.28286	0.00742203	0.28797	-3.47258	0.133749	0.557765	-1.79287	3.76884	7.77843	1.83456	1
cg15718222	0.0231465	0.4171	-2.39751	0.194135	0.642493	-1.55644	0.0312797	0.44321	-2.25627	0.0706083	0.521692	-1.91684	3.58028	5.88082	1.46005	1
cg22532774	0.0788101	1.2968	1.2968	0.0130722	1.50668	1.50668	3.56E-06	4.25737	4.25737	0.0104273	1.53634	1.53634	34.1198	9.5808	0.249599	1
cg15367000	0.023652	0.654488	-1.52791	0.063211	0.720484	-1.38796	0.931855	1.01351	1.01351	0.221359	0.817343	-1.22348	11.9169	4.64644	0.346581	1
cg06725957	0.147345	0.883166	-1.13229	0.00318907	0.724868	-1.37956	0.0513603	0.837556	-1.19395	0.00524826	0.745137	-1.34204	9.12781	0.923075	0.0898914	1
cg18772884	0.023329	0.184303	-5.42584	0.145737	0.377344	-2.6501	0.736663	0.810102	-1.23441	0.249909	0.472236	-2.11759	6.96031	42.9197	5.48121	1
cg21674835	0.00429805	0.422174	-2.36869	0.252357	0.763361	-1.31	0.0862041	0.651734	-1.53437	0.00641058	0.448922	-2.22756	6.6668	5.38509	0.717997	1
cg22999620	0.42028	1.2843	1.2843	0.679387	0.881356	-1.13462	0.346005	0.744595	-1.34301	0.037512	0.480253	-2.08224	5.77001	8.43884	1.30003	1
cg04151762	0.22472	0.848881	-1.17802	0.00195633	1.75511	1.75511	0.385465	0.891982	-1.1211	0.459871	0.907852	-1.1015	4.80836	1.25697	0.232368	1
cg22596624	0.89257	1.02815	1.02815	0.154058	0.730887	-1.3682	0.335085	1.22658	1.22658	0.0336808	0.600709	-1.6647	4.78207	3.19686	0.594231	1
cg04284658	0.0118101	0.201269	-4.96847	0.00408369	0.140151	-7.13516	0.35184	0.61352	-1.62994	0.0406326	0.299592	-3.33787	4.43045	18.2431	3.66015	1
cg19391697	0.34326	0.627755	-1.59298	0.723876	0.844378	-1.1843	0.993249	1.00404	1.00404	0.137813	0.466705	-2.14268	3.80125	13.691	3.20152	1
cg23194295	0.142678	0.411692	-2.429	0.443232	0.643828	-1.55321	0.125199	0.39267	-2.54666	0.0377961	0.257482	-3.88376	3.59985	18.0877	4.46629	1
cg04944300	0.000300424	0.127309	-7.85493	1.17E-05	0.0385396	-25.9474	0.00100748	0.180716	-5.53354	0.0356177	0.424273	-2.35697	20.6074	40.1066	1.72998	1
cg08912841	0.710883	0.949357	-1.05334	2.23E-05	0.304961	-3.27911	0.314254	0.864791	-1.15635	0.0139014	1.52835	1.52835	18.9546	5.849	0.274292	1
cg03225791	0.00806082	0.629624	-1.58825	0.00361023	1.71091	1.71091	0.847176	0.974042	-1.02665	0.253998	0.850121	-1.1763	16.1968	4.76669	0.261598	1
cg14995274	0.0886012	0.607062	-1.64728	0.0309259	0.510053	-1.96058	0.566711	0.857385	-1.16634	0.575761	0.860522	-1.16209	7.7233	8.63549	0.993875	1
cg15015518	0.798936	1.04205	1.04205	0.00138732	0.473373	-2.1125	0.00067612	0.432321	-2.31309	0.931807	0.986285	-1.01391	7.59377	3.13146	0.366553	1
cg10335333	0.446631	0.888778	-1.12514	0.0273374	0.672435	-1.48713	0.00584414	0.577806	-1.73069	0.0401748	0.697412	-1.43387	7.54977	2.76252	0.325252	1
cg22364729	0.0360137	0.408872	-2.44576	0.00769102	0.284813	-3.51108	0.0517393	0.444053	-2.25199	0.545557	0.799061	-1.25147	4.65757	9.91917	1.89306	1
cg15629460	0.549523	1.35787	1.35787	0.00258265	8.24923	8.24923	0.724553	0.836326	-1.19571	0.0276057	3.72815	3.72815	4.02462	16.268	3.593	1
cg04850659	0.566483	1.38169	1.38169	0.00310069	9.56214	9.56214	0.0350444	3.93647	3.93647	0.0219332	4.63621	4.63621	3.70489	18.267	4.38268	1
cg07311615	0.421473	1.56856	1.56856	0.00484806	7.75097	7.75097	0.0674646	3.07445	3.07445	0.015083	5.14088	5.14088	3.42648	16.3072	4.23037	1
cg17741339	0.000223973	0.324487	-3.08178	0.185896	0.773322	-1.29312	0.900608	0.97736	-1.02316	0.263575	1.23813	1.23813	9.58613	5.09987	0.472894	1
cg22157087	0.32771	1.29185	1.29185	0.190824	0.703918	-1.42062	0.840392	1.05244	1.05244	0.113412	0.646211	-1.54748	6.58585	6.70096	0.904424	1
cg08415493	0.218227	0.460187	-2.17303	0.000783526	0.0476737	-20.9759	0.104337	0.345074	-2.89793	0.0126161	0.155903	-6.41425	5.21582	29.6651	5.05558	1
cg06611115	0.666332	1.08904	1.08904	0.943122	1.01413	1.01413	0.392828	0.84188	-1.18782	0.329506	0.820479	-1.2188	4.81793	2.95003	0.544268	1
cg08161546	0.168961	0.490954	-2.03685	0.0148918	0.233699	-4.27901	0.348118	0.625688	-1.59824	0.026766	0.279777	-3.57427	3.93106	14.6696	3.31708	1
cg07584093	0.248492	0.698964	-1.43069	1.23E-05	0.064804	-15.4312	0.166518	1.54954	1.54954	0.0184066	0.427803	-2.33752	15.5377	21.6913	1.24093	1
cg01321962	0.586314	1.25531	1.25531	4.36E-05	0.0403957	-24.7551	0.0121857	0.274549	-3.64234	0.00822312	0.246862	-4.05084	10.6554	28.8968	2.41062	1
cg17706972	0.00957597	0.345942	-2.89065	0.000256674	0.142628	-7.01125	0.776016	1.09669	1.09669	0.134373	0.593132	-1.68597	7.88361	13.0727	1.47397	1
cg10441070	0.588588	0.845773	-1.18235	0.00199226	0.262119	-3.81506	0.0589905	1.92335	1.92335	0.852594	1.05871	1.05871	7.0501	10.5055	1.32456	1
cg07619683	0.03831	0.196029	-5.10129	0.000722683	0.0304596	-32.8304	0.907607	1.082	1.082	0.0635636	0.24269	-4.12048	6.77842	49.4688	6.4871	1
cg07189962	0.045015	0.276109	-3.62176	0.000501682	0.0476159	-21.0014	0.851529	1.11052	1.11052	0.532738	0.702219	-1.42406	5.43833	26.9607	4.40669	1
cg18007957	0.115448	0.492518	-2.03038	0.00391175	0.200443	-4.98896	0.455285	0.729996	-1.36987	0.0218567	0.32026	-3.12246	5.22117	14.1622	2.41108	1
cg04211581	0.483755	0.767172	-1.30349	0.00727342	0.275451	-3.63041	0.485505	0.768012	-1.30206	0.032819	0.394609	-2.53416	4.40644	9.67967	1.95263	1
cg08907436	0.358059	0.487921	-2.04951	0.00194355	0.0358601	-27.8861	0.55485	0.635394	-1.57383	0.0671396	0.210576	-4.74887	3.88672	35.4866	8.11577	1
cg01715172	0.0285648	0.434898	-2.29939	3.66E-06	0.0303904	-32.9051	0.438691	0.775243	-1.28992	0.00462638	0.296897	-3.36817	19.1914	31.574	1.46242	1
cg15543523	0.00257834	0.220586	-4.53338	1.14E-05	0.0343723	-29.0932	0.108538	0.530849	-1.88378	0.000726468	0.155808	-6.41816	18.059	37.4314	1.84243	1
cg10939667	0.30168	1.13642	1.13642	0.00873329	0.670798	-1.49076	0.670461	0.950131	-1.05249	1.68E-05	0.347783	-2.87536	13.1108	2.96587	0.20108	1
cg21265702	0.00102538	0.558476	-1.79059	0.000311906	0.496647	-2.0135	0.660972	1.05425	1.05425	5.24E-05	0.404569	-2.47176	13.0722	2.96639	0.20171	1
cg26089753	0.021142	0.279863	-3.57317	6.84E-05	0.0352543	-28.3653	0.860221	1.08433	1.08433	0.00386872	0.167379	-5.97446	12.3258	41.1903	2.97049	1
cg23165623	0.00343877	0.348141	-2.8724	0.000951002	0.270391	-3.69835	0.286422	1.34172	1.34172	0.0164966	0.459375	-2.17687	11.8251	13.2052	0.992625	1
cg01777019	5.42E-05	0.592902	-1.68662	0.0832269	0.875261	-1.14252	0.483108	1.05076	1.05076	0.327917	1.07268	1.07268	9.74068	0.744603	0.0679489	1
cg06877423	0.416084	0.78839	-1.26841	0.677729	0.887326	-1.12698	0.00660512	0.364679	-2.74214	4.15E-05	0.10714	-9.33359	8.8136	11.4221	1.15196	1
cg00601836	0.0345798	0.261159	-3.82909	0.123072	0.402438	-2.48485	0.000613025	17.7243	17.7243	0.313721	1.7642	1.7642	7.64146	35.9273	4.17922	1
cg00920970	0.309284	0.785616	-1.27289	0.117857	0.677446	-1.47613	0.00176166	2.77822	2.77822	0.105018	1.50112	1.50112	7.27115	6.0558	0.740313	1
cg02404255	0.309305	1.15564	1.15564	0.442602	1.11364	1.11364	0.102306	0.782064	-1.27867	0.0342804	0.712098	-1.4043	6.74218	2.01842	0.266109	1
cg07059469	0.00519551	0.382618	-2.61357	0.0173775	0.470284	-2.12637	0.137116	0.65897	-1.51752	0.00377041	0.361233	-2.7683	6.33208	6.80362	0.955084	1
cg12209876	0.0888938	0.776953	-1.28708	0.516438	0.915318	-1.09252	0.145735	1.23377	1.23377	0.464812	0.904787	-1.10523	6.16659	1.7667	0.254663	1
cg20627916	0.094359	0.644768	-1.55095	0.000871934	0.303686	-3.29287	0.814944	0.945583	-1.05755	0.0607991	0.603862	-1.65601	5.3574	4.83254	0.801806	1
cg19369424	0.030015	0.308278	-3.24382	0.0217178	0.280751	-3.56187	0.33189	0.630329	-1.58647	0.00446081	0.17402	-5.74647	4.69271	15.7966	2.99218	1
cg09414638	0.0078903	0.200487	-4.98787	0.0341384	0.311687	-3.20835	0.677283	0.820902	-1.21817	0.00996037	0.215508	-4.64021	4.4607	15.7087	3.13029	1
cg03732055	0.314965	1.53675	1.53675	0.0362028	2.73783	2.73783	0.834623	0.917183	-1.09029	0.035644	0.363794	-2.74881	4.13137	11.188	2.40718	1
cg02285263	0.768029	1.0704	1.0704	0.101719	1.51	1.51	0.0445459	1.69998	1.69998	0.00133379	2.92409	2.92409	4.07286	3.41308	0.744895	1
cg00655307	0.212263	0.760669	-1.31463	0.0407062	0.611434	-1.6355	0.129289	0.710874	-1.40672	0.304529	0.801402	-1.24781	3.96524	2.72243	0.610289	1
cg04063345	0.347101	0.65355	-1.5301	0.66862	0.827642	-1.20825	0.000672638	9.82563	9.82563	0.26053	1.67459	1.67459	3.92599	12.001	2.71715	1
cg07455133	0.012996	0.185101	-5.40247	0.0192724	0.212409	-4.70789	0.910632	1.06338	1.06338	0.061959	0.316544	-3.15912	3.87435	18.3787	4.21661	1
cg21608605	0.341914	0.559637	-1.78687	0.00173009	0.070705	-14.1433	0.432364	1.60797	1.60797	0.209055	0.456167	-2.19218	3.87395	21.5583	4.9466	1
cg08884395	0.0269486	0.160791	-6.21924	0.0304487	0.169585	-5.89676	0.463337	0.594075	-1.68329	0.0442561	0.199473	-5.01321	3.75804	28.966	6.85133	1
cg15626350	0.482154	0.701333	-1.42586	0.200222	1.95813	1.95813	0.00494033	6.35258	6.35258	0.054104	2.96143	2.96143	3.43999	13.4374	3.47221	1
cg11251858	0.186052	1.16783	1.16783	0.011941	0.706713	-1.415	0.951824	1.00671	1.00671	0.0193365	1.36756	1.36756	12.5484	2.43372	0.172397	1
cg22839866	0.678831	0.95374	-1.0485	0.00210215	0.611348	-1.63573	0.332931	0.892601	-1.12032	0.354678	1.1144	1.1144	4.20592	0.861972	0.182171	1
cg02306513	0.583118	1.09553	1.09553	0.337955	1.17657	1.17657	0.0156058	0.613821	-1.62914	0.0490283	0.690791	-1.44762	7.0649	3.03185	0.381461	1
cg08106184	0.932746	1.02413	1.02413	0.157678	0.652634	-1.53225	0.0911117	0.59117	-1.69156	0.246934	0.710367	-1.40772	6.44374	8.14244	1.12322	1
cg21029932	0.945014	1.03686	1.03686	?	?	?	0.00716006	0.161624	-6.18719	0.34837	1.65982	1.65982	4.39609	17.0472	3.87781	1
cg23284245	0.000686493	0.337641	-2.96173	0.000629054	0.332667	-3.00601	0.0211503	0.559605	-1.78697	0.0305038	0.587177	-1.70306	17.234	11.9706	0.617417	1
cg23494957	0.629685	0.862057	-1.16002	0.0761568	1.84468	1.84468	0.0552724	1.96651	1.96651	0.0381087	0.471956	-2.11884	8.46424	12.221	1.12298	1
cg18084582	0.0869527	0.290049	-3.4477	0.00738583	0.104335	-9.58448	0.182455	0.395953	-2.52555	0.0561394	0.242597	-4.12207	3.75007	25.463	6.03555	1
cg09993711	0.00633076	0.356402	-2.80582	0.428072	1.26468	1.26468	0.650289	0.875938	-1.14163	0.132575	0.624369	-1.60162	3.5887	4.78734	1.18578	1
cg01015652	0.00410289	0.432766	-2.31072	0.000868946	0.337294	-2.96478	0.000802126	3.00597	3.00597	0.0280929	1.75804	1.75804	10.7237	8.03558	0.666071	1
cg16371032	0.0384544	0.817004	-1.22398	0.000270207	0.604469	-1.65434	1.56E-07	3.95848	3.95848	0.001885	1.44964	1.44964	50.6079	5.69302	0.0999936	1
cg18565355	0.0745601	1.43383	1.43383	0.000778119	2.51495	2.51495	1.57E-06	8.99998	8.99998	0.000123706	3.36796	3.36796	42.5185	22.1587	0.463249	1
cg06019853	0.993702	1.00163	1.00163	5.19E-05	4.77295	4.77295	0.0149435	1.85492	1.85492	0.166	0.737147	-1.35658	19.4002	13.0962	0.60005	1
cg23051372	0.095997	1.41674	1.41674	0.00572157	0.501378	-1.9945	0.000285116	0.323297	-3.09313	0.0357502	0.627742	-1.59301	13.8501	7.96524	0.511202	1
cg26350286	0.793276	1.03863	1.03863	0.897101	0.981501	-1.01885	0.0143081	1.54636	1.54636	0.139897	1.25763	1.25763	13.829	4.5617	0.293213	1
cg13078567	0.152307	0.555738	-1.79941	0.00547984	0.246776	-4.05226	0.584561	0.809346	-1.23556	0.00709392	0.263746	-3.79153	13.5007	31.3858	2.06644	1
cg26545346	0.0164437	0.641308	-1.55931	0.000134421	2.72472	2.72472	0.00793206	0.596957	-1.67516	0.00664397	0.58638	-1.70538	13.1613	4.78675	0.323287	1
cg21595503	0.616066	1.06207	1.06207	0.000382234	0.508918	-1.96495	6.85E-05	2.3802	2.3802	0.168096	1.1912	1.1912	12.6867	2.85032	0.199707	1
cg27655935	0.00175093	0.240508	-4.15787	0.000194188	0.134877	-7.41415	0.181496	1.57327	1.57327	0.0328995	0.4506	-2.21927	12.5903	20.3522	1.43689	1
cg13909214	0.766935	0.94827	-1.05455	0.188236	0.779453	-1.28295	1.82E-05	4.77434	4.77434	0.794255	1.04781	1.04781	12.0092	6.07418	0.449595	1
cg16747999	0.867646	0.981517	-1.01883	5.87E-05	0.435096	-2.29834	0.262446	1.13962	1.13962	0.235681	1.14913	1.14913	8.86564	1.75665	0.176125	1
cg14154651	0.0127058	3.03801	3.03801	?	?	?	0.102595	1.89822	1.89822	0.0950129	1.93149	1.93149	4.50441	8.16466	1.81259	1
cg07473471	0.978171	1.01924	1.01924	0.787165	0.828159	-1.2075	0.0938323	0.271888	-3.67799	0.161654	2.86201	2.86201	3.9189	29.4735	5.84955	1
cg01177854	0.00484639	5.33485	5.33485	0.000304135	13.8763	13.8763	0.00250372	6.56567	6.56567	0.0143638	3.86707	3.86707	9.04725	28.7777	2.8274	1
cg04079760	0.0104076	10.3545	10.3545	0.00026976	75.8527	75.8527	0.00166562	26.0132	26.0132	0.00395388	16.5842	16.5842	8.33896	69.3301	7.39022	1
cg04328477	0.00964603	8.42757	8.42757	0.000299467	45.9593	45.9593	0.00285513	14.4575	14.4575	0.0140126	7.20022	7.20022	7.9804	53.5153	5.96075	1
cg27217214	0.978644	0.99224	-1.00782	0.00206233	0.282787	-3.53623	0.0423129	1.97517	1.97517	0.0464682	0.51493	-1.94201	7.8881	10.5819	1.19245	1
cg04513006	0.01435	8.29762	8.29762	0.000487504	46.1252	46.1252	0.00421372	14.6766	14.6766	0.0148759	8.16463	8.16463	6.96828	54.2292	6.91759	1
cg22190721	0.581132	1.36439	1.36439	0.00203454	11.3056	11.3056	0.00694863	7.00968	7.00968	0.00797188	6.66173	6.66173	6.76761	33.3215	4.37659	1
cg01660934	0.907094	1.06913	1.06913	0.00333587	9.84998	9.84998	0.00597273	7.82925	7.82925	0.0128007	5.87334	5.87334	6.10175	31.6827	4.61547	1
cg00944421	0.0192437	14.6562	14.6562	0.00282335	49.3922	49.3922	0.00588318	30.4863	30.4863	0.0189082	14.8118	14.8118	5.73496	81.6515	12.6556	1
cg08694699	0.0130332	7.55471	7.55471	0.00151356	20.0746	20.0746	0.0087478	8.95755	8.95755	0.0213813	6.14261	6.14261	5.63224	38.441	6.06682	1
cg20264732	0.0196356	6.21992	6.21992	0.127486	2.91114	2.91114	0.00474736	11.3755	11.3755	0.0175618	6.51185	6.51185	4.07484	27.1305	5.91826	1
cg01380533	0.631038	0.893486	-1.11921	0.0101723	2.12618	2.12618	0.0624393	1.62917	1.62917	0.81649	0.947335	-1.05559	3.71534	3.18751	0.762607	1
cg06723863	0.0485312	26.4556	26.4556	0.00369082	299.939	299.939	0.0141455	81.511	81.511	0.019987	59.2021	59.2021	4.00194	133.896	29.7402	1
cg23073111	0.016732	1.26018	1.26018	4.73E-06	2.29271	2.29271	0.000229068	0.615909	-1.62362	0.0427683	0.831386	-1.20281	33.9436	3.37067	0.0882688	1
cg22040889	0.00909627	1.94485	1.94485	1.99E-05	0.176562	-5.66374	0.809916	0.952785	-1.04955	0.0083496	0.508392	-1.96699	16.5389	10.552	0.567119	1
cg23878768	0.020926	1.28963	1.28963	0.00751056	1.37018	1.37018	0.000816999	0.630136	-1.58696	0.0166863	0.765299	-1.30668	14.4811	1.92164	0.117956	1
cg19657039	0.00818641	0.279359	-3.57963	0.000296549	0.108574	-9.21033	0.174742	0.580404	-1.72294	0.00192505	0.191148	-5.23154	8.72433	19.6274	1.99976	1
cg03474219	0.00351301	0.526327	-1.89996	0.000311231	0.387404	-2.58128	0.542089	1.10524	1.10524	0.202981	1.24346	1.24346	7.18771	2.99244	0.370069	1
cg18538253	0.0028259	0.465652	-2.14753	0.181151	0.768086	-1.30194	0.162469	1.31937	1.31937	0.4082	0.854513	-1.17026	6.97089	3.81349	0.486275	1
cg10155572	0.00699285	0.5381	-1.85839	0.301666	0.826868	-1.20938	0.0932843	1.38816	1.38816	0.0867229	0.714538	-1.39951	6.88047	3.43935	0.444331	1
cg07400246	0.41967	1.17236	1.17236	0.00293383	0.454763	-2.19895	0.304806	1.22746	1.22746	0.0293276	0.609537	-1.64059	5.00136	2.94616	0.523619	1
cg19542841	0.0322947	1.30489	1.30489	0.0251545	1.32671	1.32671	0.0134612	0.722671	-1.38376	0.262054	0.883248	-1.13218	4.9337	0.880578	0.158651	1
cg18138400	0.107075	1.29217	1.29217	0.000906273	2.06104	2.06104	0.209201	0.824587	-1.21273	0.756632	1.04634	1.04634	4.36608	1.46817	0.298905	1
cg00611429	0.665401	0.961371	-1.04018	0.00463246	0.711024	-1.40642	0.911132	1.01016	1.01016	0.125097	1.16219	1.16219	3.92091	0.50904	0.115402	1
cg26647291	0.873625	1.01675	1.01675	0.003947	1.49861	1.49861	0.0205899	1.33774	1.33774	0.433595	1.08694	1.08694	3.59808	0.620285	0.153239	1
cg25792419	0.0245896	1.94944	1.94944	0.0654529	0.597169	-1.67457	0.0325851	1.86573	1.86573	0.21328	1.38651	1.38651	8.18818	8.06225	0.875219	1
cg03195230	0.00306607	0.437548	-2.28546	0.13069	0.716964	-1.39477	0.274977	1.26055	1.26055	0.506867	1.14715	1.14715	5.01882	3.30348	0.585083	1
cg19843226	6.55E-05	0.237933	-4.20287	1.79E-05	0.179519	-5.57045	1.29E-05	0.166117	-6.01984	0.000161484	0.282993	-3.53365	36.5258	22.2161	0.540648	1
cg04519789	0.206607	1.25487	1.25487	0.0217007	1.59953	1.59953	0.976542	1.00502	1.00502	0.16432	0.776542	-1.28776	17.8271	8.20193	0.408963	1
cg06775869	0.0163483	1.76655	1.76655	0.0108659	0.537959	-1.85888	4.36E-05	4.49753	4.49753	0.354081	1.20301	1.20301	10.3151	6.13962	0.529071	1
cg02032982	0.118168	0.608781	-1.64263	0.234783	1.43953	1.43953	0.691913	1.12357	1.12357	0.000908271	0.234231	-4.26929	9.90768	13.4286	1.20478	1
cg11763914	0.0230132	1.5621	1.5621	0.0425189	1.46693	1.46693	0.0784157	0.725629	-1.37811	0.29971	0.838357	-1.19281	9.30398	3.9656	0.378867	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg25995420	ESRRB	0.0324101	0.330419
cg04190578	ESRRB	0.0335743	0.867345
cg14853964	ESRRB	0.0338701	0.499417
cg05161004	ESRRB	0.0354445	0.712571
cg07170252	ESRRB	0.037203	0.412306
cg05013825	ESRRB	0.0389406	0.47206
cg26298099	ESRRB;ESRRB	0.0008299	0.315353
cg13967702	ESRRG	0.000581717	0.016406
cg03219968	ESRRG	0.00899814	0.0168954
cg11800620	ESRRG	0.00934145	0.0504916
cg04236178	ESRRG	0.0143765	0.0801131
cg27520776	ESRRG	0.0152151	0.0256478
cg10977770	ESRRG	0.0228306	0.0863652
cg04217177	ESRRG	0.0443969	0.14553
cg09826050	ESRRG	0.0453411	0.531923
cg12636169	ESRRG	0.0496076	0.290279
cg00575003	ESRRG;ESRRG;ESRRG	0.00116116	0.0990635
cg10090568	ESRRG;ESRRG;ESRRG	0.00466452	0.0334404
cg06523151	ESRRG;ESRRG;ESRRG	0.00491164	0.0316958
cg01537645	ESRRG;ESRRG;ESRRG	0.0117269	0.448376
cg22612448	ESRRG;ESRRG;ESRRG	0.0157845	0.118067
cg17011300	ESRRG;ESRRG;ESRRG	0.017075	0.110528
cg20845835	ESRRG;ESRRG;ESRRG	0.0239297	0.0211286
cg05002166	ESRRG;ESRRG;ESRRG	0.038069	0.0356768
cg25614875	ESRRG;ESRRG;ESRRG	0.0462773	0.755883
cg00903998	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	5.33E-06	0.00324575
cg00964103	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.000746428	0.00978537
cg01371155	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.00118236	0.0317794
cg23963317	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.00170049	0.010252
cg23637314	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.00236184	0.528399
cg10089919	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.00309362	0.471841
cg24700959	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.00415172	0.521566
cg08168529	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.00564326	0.893447
cg07236221	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.00661244	0.39471
cg23273333	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.0139464	0.0219241
cg11694362	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.0164315	0.552563
cg20464246	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.0173111	0.753221
cg13242895	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.0226829	0.967365
cg21607848	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.0420606	0.140133
cg16277607	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.0459707	0.408583
cg19603571	ESX1	0.000565975	0.0349904
cg25525572	ESX1	0.0111195	0.60208
cg03748429	ESX1	0.0206346	0.0269424
cg02268674	ESYT1	0.000169532	0.000469665
cg09841118	ESYT1	0.000367926	0.654237
cg11206763	ESYT1	0.00157157	0.263089
cg20664221	ESYT1	0.00273856	0.547553
cg12620342	ESYT1	0.00274867	0.296903
cg12217517	ESYT1	0.00612569	0.114529
cg11217574	ESYT1	0.0109545	0.783724
cg11788450	ESYT1	0.0216258	0.000942816
cg21609430	ESYT1	0.0244153	0.76931
ch.12.1173053F	ESYT1	0.0252745	0.0171575
cg14752451	ESYT1	0.0393745	0.763646
cg07147234	ESYT1;ESYT1	0.033128	0.171849
cg04586491	ESYT2	0.00226808	0.500417
cg07392702	ESYT2	0.00245454	0.0167012
cg16700935	ESYT2	0.00304179	0.0603284
cg01987065	ESYT2	0.00745215	0.930665
cg25817927	ESYT2	0.00763013	0.504141
cg13326081	ESYT2	0.00772427	0.342779
cg03765041	ESYT2	0.00889479	0.0297197
cg13384850	ESYT2	0.0089353	0.422107
cg04574046	ESYT2	0.01614	0.30277
cg19584649	ESYT2	0.0201077	0.0611363
cg06937201	ESYT2	0.0205678	0.40844
cg05516986	ESYT2	0.0226213	0.232318
cg09902803	ESYT2	0.0328286	0.959694
cg26651303	ESYT2	0.0382448	0.195644
cg08016138	ESYT2	0.0385047	0.0451914
cg10317790	ESYT2	0.0408122	0.46749
cg08931849	ESYT3	9.45E-05	5.29E-05
cg11885357	ESYT3	0.000207271	0.0296372
cg11209249	ESYT3	0.000268588	0.00272612
cg06891866	ESYT3	0.000737856	0.956959
cg15217308	ESYT3	0.00108449	0.000135161
cg24708181	ESYT3	0.00191663	0.00374293
cg15579376	ESYT3	0.00456038	0.00348947
cg00672277	ESYT3	0.00696973	0.00156616
cg22160121	ESYT3	0.00732428	0.0964408
cg09373148	ESYT3	0.00809438	0.236909
cg01905210	ESYT3	0.0344693	0.0842146
cg16637178	ESYT3	0.0488255	0.59781
cg21464115	ESYT3	0.0494457	0.0694946
cg16976189	ETAA1	0.0180316	0.553084
cg07458698	ETAA1;ETAA1	0.00590928	0.411381
cg25337069	ETF1	6.07E-05	0.475647
cg06872138	ETF1	0.00127293	0.00116376
cg12203416	ETF1	0.00983079	0.683227
cg18920976	ETF1	0.0120273	0.00155998
cg21141827	ETF1	0.0346674	0.0219911
cg05839636	ETF1;ETF1	0.0282596	0.800058
cg26408565	ETFA;ETFA	0.0186096	0.567155
cg22289694	ETFA;ETFA	0.0253357	0.324388
cg08440690	ETFA;ETFA	0.0298505	0.144615
cg23029100	ETFA;ETFA;ETFA;ETFA	0.0121321	0.0988157
cg00204049	ETFA;ETFA;TYRO3P	0.00918443	0.0709574
cg19259030	ETFA;TYRO3P;ETFA	0.00507278	0.492197
cg10148441	ETFA;TYRO3P;ETFA	0.0263649	0.229075
cg20367072	ETFB	0.00487594	0.177405
cg08854169	ETFB	0.0233211	0.531981
cg23851027	ETFB;ETFB	0.0142119	0.713461
cg18309528	ETFDH;C4orf46	0.0101596	0.195531
cg15012607	ETHE1	0.0156066	0.792648
cg22960067	ETHE1	0.0283478	0.277667
cg18232130	ETHE1	0.0307204	0.250648
cg12984635	ETHE1	0.0499426	0.732603
cg10456459	ETNK1	0.000151269	0.0124632
cg17839399	ETNK1;ETNK1	0.00470353	0.230039
cg21586215	ETNK1;ETNK1	0.00850231	0.246427
cg03764352	ETNK1;ETNK1	0.00953127	0.00715439
cg11590705	ETNK1;ETNK1	0.0130167	0.044953
cg21477262	ETNK1;ETNK1	0.0219562	0.511973
cg18166347	ETNK1;ETNK1	0.0320677	0.517838
cg26643350	ETNK1;ETNK1	0.0325296	0.638955
cg02723291	ETNK1;ETNK1	0.0447202	0.306136
cg16545821	ETNK2	0.00239788	0.108629
cg01566404	ETNK2	0.00633751	0.0253446
cg00103329	ETNK2	0.00679119	0.00648947
cg12638737	ETNK2	0.0121633	0.0211474
cg01205165	ETNK2	0.0271025	0.0104872
cg20136584	ETNK2	0.0363979	0.100484
cg27428520	ETNK2	0.0396182	0.0180991
cg21535580	ETNK2	0.0471739	0.0329195
cg09915500	ETS1	0.000174458	0.00267532
cg25244476	ETS1	0.00310492	0.255729
cg16792062	ETS1	0.00393972	0.609791
cg00320216	ETS1	0.00512995	0.871001
cg18898103	ETS1	0.0317016	0.306592
cg05297666	ETS1	0.0413631	0.0247359
cg11552868	ETS1	0.0416085	0.0742661
cg23989409	ETS1	0.0453501	0.330231
cg23531640	ETS1;ETS1;ETS1	0.000281073	0.000587377
cg26404422	ETS1;ETS1;ETS1	0.0012322	0.00205798
cg11861730	ETS1;ETS1;ETS1	0.00449948	0.014977
cg11588197	ETS1;ETS1;ETS1	0.00865492	0.0147851
cg26503877	ETS1;ETS1;ETS1	0.0098655	0.0531272
cg08452327	ETS1;ETS1;ETS1	0.0150252	0.0117804
cg26559804	ETS1;ETS1;ETS1	0.0251097	0.0318673
cg11134155	ETS1;ETS1;ETS1	0.0325085	0.130048
cg11760500	ETS1;ETS1;ETS1	0.045164	0.0254838
cg18565473	ETS1;ETS1;ETS1;ETS1;ETS1	0.0459957	0.829757

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03690837	ETS2	1.01E-06	0.617497	1.1361	1.1361	0.229742	0.726596	-1.37628	2.28E-06	18.614	18.614	6.33E-07	31.679	31.679	0.464762	0.828149	-1.20751
cg20434300	ETS2	0.00116745	0.530537	0.900449	-1.11056	0.0424671	0.680023	-1.47054	0.195104	1.2538	1.2538	0.964388	0.992658	-1.0074	3.25E-05	0.263655	-3.79284
cg22703724	ETS2	0.0024281	0.944989	0.963558	-1.03782	0.207294	2.04496	2.04496	0.000478988	19.0718	19.0718	0.00273014	9.25859	9.25859	0.00849908	0.16416	-6.0916
cg20500248	ETV1;ETV1	0.0193173	0.374175	0.617653	-1.61903	0.779096	0.861971	-1.16013	0.356746	1.64982	1.64982	0.626512	0.771789	-1.29569	0.000728568	0.0663193	-15.0786
cg11897145	ETV1;ETV1;ETV1;ETV1	0.0136268	0.173271	0.805829	-1.24096	0.279359	1.18241	1.18241	0.000974805	2.07704	2.07704	0.213769	0.822805	-1.21535	0.403781	0.880485	-1.13574
cg03914707	ETV1;ETV1;ETV1;ETV1	0.035285	0.079505	0.642369	-1.55674	0.531289	1.15512	1.15512	0.476101	0.84809	-1.17912	0.0230872	0.539132	-1.85483	0.0393893	0.581628	-1.71931
cg07323919	ETV1;ETV1;ETV1;ETV1	0.0435506	0.456907	0.781895	-1.27894	0.0180696	2.54092	2.54092	0.00420394	3.47279	3.47279	0.307346	0.709527	-1.40939	0.472121	0.788593	-1.26808
cg22748443	ETV1;ETV1;ETV1;ETV1;ETV1	0.0059627	0.739416	0.952602	-1.04976	0.758813	0.95619	-1.04582	0.360236	1.14663	1.14663	0.924782	1.01383	1.01383	0.355256	1.14835	1.14835
cg00328593	ETV1;ETV1;ETV1;ETV1;ETV1	0.0222192	0.0353415	1.44297	1.44297	0.745559	1.04993	1.04993	0.857212	1.02732	1.02732	0.00128919	2.01751	2.01751	0.0137991	1.57687	1.57687
cg13524180	ETV1;ETV1;ETV1;ETV1;ETV1	0.0394948	0.00829436	0.40143	-2.4911	0.422647	1.24795	1.24795	0.12632	1.56406	1.56406	0.238802	0.716305	-1.39605	0.014992	0.445407	-2.24514
cg26986937	ETV1;ETV1;ETV1;ETV1;ETV1;ETV1	1.73E-05	0.280493	0.841665	-1.18812	0.140656	1.27574	1.27574	0.00066248	2.22796	2.22796	0.529988	1.1027	1.1027	0.535132	0.908003	-1.10132
cg05605257	ETV1;ETV1;ETV1;ETV1;ETV1;ETV1	0.00110523	0.00118441	1.33158	1.33158	0.00176777	0.764772	-1.30758	0.00533852	1.24733	1.24733	0.597152	1.03264	1.03264	0.00464627	1.25448	1.25448
cg01308827	ETV2	0.00111266	0.0125549	0.370613	-2.69824	0.173479	1.5889	1.5889	0.0670134	0.518709	-1.92786	0.659195	0.867704	-1.15247	0.00126473	0.222162	-4.50122
cg01173794	ETV2	0.0105372	0.00942648	0.157818	-6.33643	0.0032002	0.104577	-9.5623	0.109281	0.375418	-2.66369	0.142494	0.412927	-2.42174	0.00395817	0.113682	-8.79645
cg04681219	ETV2	0.02458	0.398133	1.40414	1.40414	0.00458671	0.166871	-5.99264	0.0821001	0.450348	-2.22051	0.036709	2.82886	2.82886	?	?	?
cg15435718	ETV2	0.0295031	0.713063	1.06817	1.06817	0.521098	0.890366	-1.12313	0.224419	1.2559	1.2559	0.13156	1.33729	1.33729	0.00513753	0.516895	-1.93463
cg18460175	ETV2	0.0449457	0.0146762	0.561314	-1.78153	0.439962	1.16346	1.16346	0.0959192	0.70363	-1.4212	0.540625	1.12645	1.12645	0.191296	0.766478	-1.30467
cg16354756	ETV3;CYCSP52	0.0131185	0.0514318	0.500941	-1.99625	0.0513517	0.500789	-1.99685	0.0616929	0.518905	-1.92714	0.0108021	0.368572	-2.71317	0.00141839	0.237029	-4.21889
cg27044986	ETV3;CYCSP52	0.0350546	0.780806	0.947579	-1.05532	0.162633	1.33337	1.33337	0.00104763	2.55015	2.55015	0.597113	1.10845	1.10845	0.333226	0.824763	-1.21247
cg19303763	ETV3;ETV3	0.0116217	0.000472332	0.207533	-4.81852	0.0936608	1.69528	1.69528	0.482397	1.22681	1.22681	0.928753	1.02594	1.02594	0.205334	1.46605	1.46605
cg03955296	ETV3;ETV3	0.0146865	0.0467642	0.841427	-1.18846	0.0201919	0.8086	-1.23671	0.71646	1.02805	1.02805	0.0137837	1.25972	1.25972	0.101809	0.872991	-1.14549
cg05909475	ETV3;ETV3	0.0391635	0.121878	0.705092	-1.41825	0.237278	1.29435	1.29435	0.104397	1.44762	1.44762	0.120113	0.703726	-1.42101	0.21748	0.763092	-1.31046
cg13981120	ETV3L	0.00290301	0.0318223	0.541244	-1.84759	0.00468886	0.39969	-2.50194	0.000728864	0.285574	-3.50171	0.146568	0.683725	-1.46258	0.000275303	0.233782	-4.27749
cg24681898	ETV3L	0.00824459	0.0891978	0.568281	-1.75969	0.0131405	0.395654	-2.52746	0.0126383	0.39267	-2.54667	0.00582078	0.336581	-2.97105	0.00131291	0.244121	-4.09633
cg10956811	ETV3L	0.0202406	0.768072	1.04713	1.04713	0.016313	0.632968	-1.57986	0.0496476	0.705563	-1.41731	0.0536951	0.71093	-1.40661	0.0434826	0.696574	-1.4356
cg22023197	ETV3L	0.0245566	0.146253	0.634223	-1.57673	0.291733	1.3763	1.3763	0.0840153	0.572246	-1.7475	0.558956	0.841523	-1.18832	0.000666625	0.218567	-4.57525
cg21382392	ETV3L;ETV3L	0.0136771	0.313228	0.784236	-1.27513	0.0871937	0.644002	-1.55279	0.000820737	0.308896	-3.23734	0.0248162	0.536608	-1.86356	0.00709357	0.444604	-2.24919
cg11868356	ETV4;ETV4	0.000132365	0.00208053	0.208367	-4.79923	0.000532604	0.142039	-7.04031	0.00188622	0.20301	-4.92585	0.0735289	0.485709	-2.05885	4.00E-06	0.0207073	-48.2923
cg06373011	ETV4;ETV4	0.0028109	0.277534	0.933223	-1.07156	0.0189054	1.19004	1.19004	0.0682224	1.13311	1.13311	0.0877432	1.12225	1.12225	0.0990371	1.11703	1.11703
cg21940313	ETV4;ETV4	0.00435991	0.0025957	0.338676	-2.95267	0.0127208	0.447876	-2.23276	0.0136966	0.453436	-2.20538	0.0362642	0.53172	-1.88069	0.00242281	0.334346	-2.99091
ch.17.1132965	ETV4;ETV4	0.00476649	0.00210236	0.0672494	-14.87	0.00138223	0.0553609	-18.0633	0.00253671	0.0732085	-13.6596	0.0661943	0.276405	-3.61788	0.0251249	0.18972	-5.27092
cg22292478	ETV4;ETV4	0.0212926	0.0746459	0.811019	-1.23302	0.0551578	0.794549	-1.25858	0.691408	0.959433	-1.04228	0.103683	0.829321	-1.20581	0.140233	0.846665	-1.1811
cg13357178	ETV4;ETV4	0.023234	0.94322	1.01026	1.01026	0.946323	1.0097	1.0097	0.0040849	0.575662	-1.73713	0.0175812	0.660998	-1.51286	0.377358	1.13861	1.13861
cg17971874	ETV4;ETV4	0.0260258	0.00231905	0.329366	-3.03614	0.24295	0.726904	-1.3757	0.017316	0.469227	-2.13116	0.984644	0.994989	-1.00504	0.026118	0.502078	-1.99172
cg23993438	ETV4;ETV4;ETV4	0.000173406	0.0750229	0.846801	-1.18091	0.000162012	1.71603	1.71603	0.0571484	0.834852	-1.19782	0.35432	1.08321	1.08321	0.0111844	0.765936	-1.30559
cg22437020	ETV4;ETV4;ETV4	0.00100812	0.0020632	1.30219	1.30219	0.2105	1.0836	1.0836	0.000149375	1.48646	1.48646	0.0297462	0.855856	-1.16842	0.675275	0.97469	-1.02597
cg13682044	ETV4;ETV4;ETV4	0.0115572	0.0310185	1.5613	1.5613	0.896703	0.977404	-1.02312	0.092575	1.38498	1.38498	0.576136	1.10449	1.10449	0.853217	1.03313	1.03313
cg21923992	ETV5	0.000127741	0.819405	0.947086	-1.05587	3.30E-05	0.116805	-8.56126	0.00206061	2.97887	2.97887	?	?	?	?	?	?
cg22547764	ETV5	0.00094518	0.0535246	0.48014	-2.08272	0.000296752	7.1772	7.1772	0.000438425	6.41452	6.41452	0.443277	0.769865	-1.29893	0.0127155	0.354874	-2.8179
cg16655375	ETV5	0.00699067	0.000118779	0.241116	-4.14738	0.45722	0.852191	-1.17345	0.606016	0.895911	-1.11618	0.2799	0.788748	-1.26783	0.800368	0.947877	-1.05499
cg01829129	ETV5	0.0122691	0.936405	1.01867	1.01867	0.625372	1.12083	1.12083	0.109555	1.49844	1.49844	0.511731	1.16681	1.16681	0.00680947	0.443643	-2.25406
cg00760338	ETV5	0.0181277	?	?	?	0.00591563	27.7073	27.7073	0.0361527	6.8803	6.8803	?	?	?	?	?	?
cg08195505	ETV5	0.0214705	0.164384	1.30906	1.30906	0.398475	0.85477	-1.16991	0.6413	1.0889	1.0889	0.132836	1.34229	1.34229	0.00448193	0.502628	-1.98954
cg01519765	ETV5	0.0407127	0.557933	0.843339	-1.18576	0.122825	1.61727	1.61727	0.0188831	2.2653	2.2653	0.223009	1.44511	1.44511	0.037901	0.500486	-1.99806
cg03954667	ETV6	0.000763021	0.00516486	0.513707	-1.94663	0.123656	0.740215	-1.35096	0.867409	0.970308	-1.0306	0.135368	0.748002	-1.3369	0.000106938	0.291409	-3.43161
cg11930279	ETV6	0.00135044	0.222399	1.15935	1.15935	0.574184	1.06766	1.06766	0.307966	0.885429	-1.1294	0.0591733	1.27846	1.27846	0.00131704	1.71426	1.71426
cg20249469	ETV6	0.00189165	0.175127	1.56177	1.56177	0.350808	0.743123	-1.34567	0.590313	1.18298	1.18298	0.614243	0.854595	-1.17014	?	?	?
cg21535657	ETV6	0.00967098	0.0109116	0.420947	-2.3756	0.562858	0.853503	-1.17164	0.105977	0.619953	-1.61302	0.00450596	0.358737	-2.78756	0.0182828	0.460437	-2.17185
cg11375112	ETV6	0.0100673	0.779755	1.04888	1.04888	0.001293	0.450175	-2.22136	0.00328939	0.505713	-1.97741	0.0794926	1.39287	1.39287	0.0387804	0.665403	-1.50285
cg17077401	ETV6	0.0133064	0.0109685	0.137137	-7.29199	0.00523255	0.100982	-9.90279	0.00566379	0.104417	-9.57701	0.651544	0.753537	-1.32707	0.0448336	0.238514	-4.19263
cg27273254	ETV6	0.0136707	0.180821	0.754041	-1.32619	0.279274	0.799719	-1.25044	0.605934	0.901771	-1.10893	0.624275	0.906575	-1.10305	0.000505974	0.339666	-2.94407
cg06516865	ETV6	0.0137211	0.405926	0.820008	-1.2195	0.1857	0.720719	-1.3875	0.0176371	0.509771	-1.96166	0.00394549	0.404537	-2.47196	0.129097	0.68198	-1.46632
cg09369651	ETV6	0.0143726	0.742858	0.96502	-1.03625	0.808885	1.02655	1.02655	0.00463982	0.665449	-1.50275	0.0609916	0.795818	-1.25657	0.519697	1.07314	1.07314
cg18499919	ETV6	0.0176307	0.629226	0.966499	-1.03466	0.000806427	0.701806	-1.4249	0.0555317	0.859004	-1.16414	0.459097	0.948571	-1.05422	0.236851	0.916856	-1.09068
cg09082441	ETV6	0.019902	0.0110743	0.435306	-2.29724	0.27135	0.741591	-1.34845	0.229038	1.39034	1.39034	0.0582071	0.571854	-1.7487	0.538608	0.849979	-1.1765
cg26713273	ETV6	0.021562	0.141811	0.62268	-1.60596	0.066893	1.8516	1.8516	0.0148084	0.406876	-2.45775	0.589941	0.849448	-1.17724	0.0560911	0.522622	-1.91343
cg18697143	ETV6	0.0261663	0.482801	1.11177	1.11177	0.00602397	0.586818	-1.70411	0.0425585	1.41466	1.41466	0.0649154	0.734972	-1.3606	0.228419	1.20658	1.20658
cg03160174	ETV6	0.0328791	0.303344	0.833363	-1.19996	0.227008	1.24217	1.24217	0.0202877	0.619737	-1.61359	0.176812	1.27823	1.27823	0.00394677	0.515317	-1.94055
cg22357390	ETV6	0.034647	0.0206235	0.327296	-3.05534	0.0357616	0.375757	-2.66129	0.0341213	0.371383	-2.69264	0.668967	0.841718	-1.18805	0.00495053	0.225184	-4.44081
cg17541810	ETV6;ETV6	0.0400004	0.844285	0.881217	-1.13479	0.0174309	0.146547	-6.82373	0.00243962	0.0570838	-17.5181	0.904538	0.92576	-1.08019	0.860166	1.12006	1.12006
cg22387575	ETV7	0.00526393	0.00853908	0.266297	-3.7552	0.0026455	0.193963	-5.15562	0.0129806	0.296533	-3.3723	0.0510907	0.416455	-2.40122	0.000911988	0.141562	-7.06405
cg04289385	ETV7	0.00997824	0.0313564	3.83826	3.83826	0.0152691	4.88736	4.88736	0.0621404	3.06042	3.06042	0.190587	2.09226	2.09226	0.0137723	5.06248	5.06248
cg02952361	ETV7	0.0274212	0.0608103	7.24345	7.24345	0.0348913	10.0089	10.0089	0.109074	5.14043	5.14043	0.0910383	5.72017	5.72017	0.0623334	7.1398	7.1398
cg05298677	ETV7	0.0281597	0.068715	21.4424	21.4424	0.236153	6.4734	6.4734	0.306436	4.91887	4.91887	0.0713858	20.6892	20.6892	0.0481994	29.8745	29.8745
cg26249450	ETV7	0.0311403	0.169602	5.05829	5.05829	0.0662849	9.79809	9.79809	0.112701	6.77359	6.77359	0.0769	8.84237	8.84237	0.0559539	11.0113	11.0113
cg12173498	ETV7	0.037215	0.159606	5.02839	5.02839	0.0511755	10.8753	10.8753	0.0813008	7.97839	7.97839	0.0958414	7.14018	7.14018	0.0522412	10.7268	10.7268
cg07540542	ETV7	0.0410855	0.102013	5.16011	5.16011	0.0852241	5.72407	5.72407	0.0284196	10.714	10.714	0.167374	3.85512	3.85512	0.751409	1.33828	1.33828
cg17690086	ETV7	0.0418313	0.504906	1.14923	1.14923	0.0140355	0.536096	-1.86534	0.0120615	0.525446	-1.90315	0.98055	0.995001	-1.00502	0.634785	1.10337	1.10337
cg24889021	ETV7;ETV7	0.0210504	0.120936	3.70572	3.70572	0.0459848	5.93769	5.93769	0.0520448	5.59265	5.59265	0.0515388	5.61914	5.61914	0.0333	6.94216	6.94216
cg05582310	EVC	0.00213147	0.0284633	0.61287	-1.63167	0.135089	0.737106	-1.35666	0.00020121	0.306894	-3.25845	0.411931	0.853118	-1.17217	0.162724	0.754139	-1.32602
cg26392277	EVC	0.0167715	0.192445	1.52162	1.52162	0.0337348	2.12656	2.12656	0.0298374	0.459416	-2.17668	0.26557	1.42336	1.42336	0.019307	0.422734	-2.36555
cg01333350	EVC	0.0268619	0.00585666	0.487922	-2.04951	0.658253	1.09259	1.09259	0.0553778	0.649205	-1.54034	0.0388072	1.60952	1.60952	0.0303384	0.602638	-1.65937
cg15305511	EVC2;EVC	0.00199262	0.000747844	0.411939	-2.42754	0.53069	0.895744	-1.11639	0.00322933	0.498307	-2.0068	0.32126	1.19441	1.19441	0.00262134	0.485657	-2.05906
cg20992708	EVC2;EVC2	0.000306519	0.532261	1.0704	1.0704	0.886975	1.01541	1.01541	7.78E-05	0.463474	-2.15762	0.0168391	1.36839	1.36839	0.000612733	0.566946	-1.76384
cg07421005	EVC2;EVC2	0.00315754	0.00397195	1.70009	1.70009	0.0022048	0.555457	-1.80032	0.0975822	0.779527	-1.28283	0.936994	1.01089	1.01089	0.904708	1.01655	1.01655
cg01834022	EVC2;EVC2	0.0109693	0.315565	0.681874	-1.46655	0.00111055	5.88839	5.88839	0.206211	1.63558	1.63558	0.764447	1.11727	1.11727	0.0396928	0.415764	-2.40521
cg06426416	EVC2;EVC2	0.0111707	0.33682	0.755581	-1.32349	0.00314031	3.13531	3.13531	0.334488	1.32539	1.32539	0.632713	1.14599	1.14599	0.125995	0.625902	-1.59769
cg09301458	EVC2;EVC2	0.0133028	0.547875	0.933219	-1.07156	0.461723	1.08889	1.08889	0.177444	1.17693	1.17693	0.133797	0.832112	-1.20176	0.0615582	0.787142	-1.27042
cg02501978	EVC2;EVC2	0.0188065	0.18929	1.20879	1.20879	0.812551	0.968126	-1.03292	0.300725	0.863965	-1.15745	0.128555	0.799317	-1.25107	0.0071846	0.623006	-1.60512
cg17250429	EVC2;EVC2	0.0198283	0.94576	1.01206	1.01206	0.540726	1.11526	1.11526	0.000757773	2.45797	2.45797	0.11851	1.34788	1.34788	0.22412	1.25228	1.25228
cg05571820	EVC2;EVC2	0.0232782	0.756616	0.882818	-1.13274	0.0297076	0.35848	-2.78956	0.289743	0.643694	-1.55353	0.725093	0.868014	-1.15206	0.05391	0.4159	-2.40442
cg05542338	EVC2;EVC2	0.0391685	0.472145	0.697969	-1.43273	0.0057281	5.93565	5.93565	0.886393	1.07282	1.07282	0.867798	0.921354	-1.08536	0.136601	0.454525	-2.2001
cg17384436	EVC2;EVC2	0.0464175	0.546738	0.902747	-1.10773	0.0826281	0.724353	-1.38054	0.937661	1.01321	1.01321	0.102207	1.34992	1.34992	0.283823	0.829615	-1.20538
cg03278643	EVC2;EVC2;EVC2	0.00978478	0.0850026	2.02193	2.02193	0.0514329	2.26996	2.26996	0.0279925	2.61092	2.61092	0.23294	1.58784	1.58784	0.20417	0.609345	-1.64111
cg17242664	EVC2;EVC2;EVC2	0.0236453	0.0534808	2.40316	2.40316	0.0743468	2.21409	2.21409	0.0172033	3.19133	3.19133	0.360989	1.45557	1.45557	0.324682	0.665921	-1.50168
cg16418810	EVC;EVC	0.0113614	0.0645226	1.32605	1.32605	0.041672	0.726791	-1.37591	0.190724	0.828373	-1.20719	0.23095	0.843014	-1.18622	0.0130803	0.658161	-1.51939
cg17460447	EVC;EVC	0.049839	0.0744615	0.722962	-1.3832	0.154701	0.779864	-1.28227	0.143194	1.29281	1.29281	0.28765	1.19746	1.19746	0.802046	1.04186	1.04186
cg07462863	EVI2A;NF1;NF1;EVI2A	0.0139072	0.0520862	0.582005	-1.7182	0.00219334	0.349213	-2.86358	0.129996	0.669893	-1.49278	0.307262	1.2955	1.2955	0.0991558	1.55707	1.55707
cg13168437	EVI5	3.87E-05	0.328443	1.12541	1.12541	0.00207751	1.66148	1.66148	0.167719	1.18796	1.18796	0.0486055	1.30194	1.30194	0.486019	0.92043	-1.08645
cg17826107	EVI5	0.000569748	0.481685	0.900851	-1.11006	0.000427908	0.443075	-2.25696	0.000171997	0.393799	-2.53937	0.113794	1.28557	1.28557	0.230652	1.20154	1.20154
cg02234780	EVI5	0.00090803	0.00351547	0.767594	-1.30277	0.000271164	1.49022	1.49022	0.0157914	1.2185	1.2185	0.00716239	0.792927	-1.26115	0.507336	1.04597	1.04597
cg11226183	EVI5	0.00142146	0.131561	1.57788	1.57788	0.00109102	3.8575	3.8575	0.976869	1.00816	1.00816	0.129509	1.58234	1.58234	0.476867	0.816567	-1.22464
cg01561200	EVI5	0.00279798	0.914483	0.985006	-1.01522	0.000178422	0.409462	-2.44223	0.014136	0.653184	-1.53096	0.526518	1.09445	1.09445	0.281443	1.17051	1.17051
cg00761363	EVI5	0.00347825	0.741809	0.959992	-1.04168	0.00114014	0.553832	-1.8056	0.101017	0.801076	-1.24832	0.638248	1.06023	1.06023	0.0633395	1.29419	1.29419
cg00520096	EVI5	0.00867881	0.0246251	0.444726	-2.24858	0.516721	1.22024	1.22024	0.295887	1.38842	1.38842	0.122723	0.6027	-1.6592	0.897229	1.0399	1.0399
cg06907479	EVI5	0.010258	0.115862	1.16148	1.16148	0.0897933	1.17799	1.17799	0.0628997	1.20115	1.20115	0.444264	1.0707	1.0707	0.00514138	1.38224	1.38224
cg11806203	EVI5	0.0156728	0.651829	0.947027	-1.05594	0.000786178	1.83714	1.83714	0.20392	0.851577	-1.17429	0.681861	1.05063	1.05063	0.0246856	1.37783	1.37783
cg00519208	EVI5	0.0262021	0.0310288	2.08802	2.08802	0.426021	0.78949	-1.26664	0.0278005	0.469459	-2.13011	0.113073	0.605627	-1.65118	0.211298	0.681841	-1.46662
cg00247803	EVI5	0.0332991	0.733262	1.06891	1.06891	0.684336	1.08288	1.08288	0.205315	1.29733	1.29733	0.359254	0.832242	-1.20157	0.602965	1.10763	1.10763
cg17140307	EVI5	0.0387827	0.679839	0.874496	-1.14352	0.114919	1.74019	1.74019	0.992451	0.996947	-1.00306	0.0601676	1.98406	1.98406	0.616402	1.1773	1.1773
cg10989326	EVI5	0.0468686	0.224301	1.384	1.384	0.413384	0.808249	-1.23724	0.0626612	0.586664	-1.70455	0.921371	0.975178	-1.02545	0.0154709	0.469436	-2.13022
cg15128562	EVI5L	0.000490824	?	?	?	0.979663	0.991216	-1.00886	0.44458	1.30963	1.30963	0.0084019	0.311869	-3.20648	?	?	?
cg20609752	EVI5L	0.00342593	0.384372	1.26945	1.26945	0.727925	1.0976	1.0976	?	?	?	0.000167921	0.154461	-6.47414	0.720838	0.908756	-1.10041
cg23228218	EVI5L	0.00360966	0.012545	0.328717	-3.04213	0.01667	0.350887	-2.84992	0.0153753	0.344464	-2.90306	0.00127651	0.185751	-5.38355	0.000521349	0.143933	-6.94769
cg14106632	EVI5L	0.00824932	0.0310412	0.800034	-1.24995	0.0138894	1.30718	1.30718	0.0428332	1.22807	1.22807	0.0617635	0.830765	-1.20371	0.0560815	0.826385	-1.21009
cg22501922	EVI5L;EVI5L	0.000643186	0.00269384	2.42667	2.42667	0.00123311	0.364203	-2.74572	0.174446	1.36184	1.36184	0.0175235	1.85539	1.85539	0.0011276	2.78634	2.78634
cg06793867	EVI5L;EVI5L	0.00415137	0.0240286	3.24707	3.24707	0.00998002	4.15174	4.15174	0.0248243	3.21814	3.21814	0.157757	1.9365	1.9365	0.00801573	4.42186	4.42186
cg03509094	EVI5L;EVI5L	0.00503222	0.0186569	3.03972	3.03972	0.0136331	3.28639	3.28639	0.0456473	2.44372	2.44372	0.77911	1.11587	1.11587	0.0158087	3.16715	3.16715
cg15974673	EVI5L;EVI5L	0.00621732	0.0901614	1.71206	1.71206	0.0114476	2.48688	2.48688	0.0457456	1.93365	1.93365	0.927355	1.0266	1.0266	0.0244163	2.16432	2.16432
cg19981796	EVI5L;EVI5L	0.0065319	0.0327229	2.85681	2.85681	0.0281379	2.97217	2.97217	0.0431454	2.65768	2.65768	0.225069	1.70798	1.70798	0.0135738	3.60799	3.60799
cg17666539	EVI5L;EVI5L	0.0091591	0.0570929	4.94856	4.94856	0.0118043	10.3371	10.3371	0.0925368	3.95567	3.95567	0.195044	2.76806	2.76806	0.0277067	6.91182	6.91182
cg02961707	EVI5L;EVI5L	0.0270045	0.0626379	13.1283	13.1283	0.0496307	15.6818	15.6818	0.0783091	11.0641	11.0641	0.116212	8.15017	8.15017	0.032119	21.8672	21.8672
cg09294629	EVI5L;EVI5L	0.0388245	0.336563	1.3604	1.3604	0.00176213	3.99097	3.99097	0.0738728	1.85679	1.85679	0.292181	1.40421	1.40421	0.307694	0.720371	-1.38817
cg26014689	EVI5L;EVI5L	0.0399668	0.644492	1.22481	1.22481	0.412206	0.693561	-1.44183	0.846944	1.088	1.088	0.0193007	3.43852	3.43852	0.162248	0.521413	-1.91787
cg04172795	EVL	0.00272848	0.295411	1.43104	1.43104	6.28E-05	11.4065	11.4065	0.169186	1.62222	1.62222	0.493127	0.794616	-1.25847	0.0423775	0.462007	-2.16447
cg05281145	EVL	0.00438706	0.773552	0.943546	-1.05983	5.93E-05	0.223936	-4.46557	0.0356454	0.611067	-1.63648	0.648225	0.911629	-1.09694	0.548899	0.885	-1.12994
cg23130739	EVL	0.0284671	0.0857417	0.693359	-1.44225	0.00320415	0.460316	-2.17242	0.0226305	0.590772	-1.6927	0.436967	0.858207	-1.16522	0.201119	0.770786	-1.29738
cg01485838	EVL	0.0377649	0.133147	0.555547	-1.80003	0.0339923	0.407427	-2.45443	0.0169941	0.347854	-2.87477	0.00977909	0.305689	-3.2713	0.00682192	0.2804	-3.56633
cg17813891	EVL	0.0387662	0.0172705	0.395935	-2.52567	0.00800345	0.337681	-2.96137	0.0628879	0.512495	-1.95124	0.0236594	0.421904	-2.37021	0.0403119	0.469208	-2.13125
cg19918549	EVL;EVL	0.0172756	0.0117672	1.83801	1.83801	0.0152467	0.561888	-1.77972	0.0032432	0.459925	-2.17427	0.245844	0.790727	-1.26466	0.725509	0.934079	-1.07057
cg03361789	EVPL	0.000160207	0.0273583	0.435713	-2.29509	0.788081	1.08953	1.08953	0.00323925	0.27859	-3.58951	0.000469448	0.173856	-5.75188	1.01E-05	0.0491824	-20.3325
cg00282731	EVPL	0.000217839	0.000313192	0.499694	-2.00123	0.000761585	0.545718	-1.83245	9.31E-06	0.32094	-3.11584	0.508097	0.923381	-1.08298	0.00120227	0.569374	-1.75631
cg16864867	EVPL	0.00144434	0.0451249	0.496801	-2.01288	0.886902	0.957616	-1.04426	0.0101669	0.372909	-2.68162	0.264521	0.701938	-1.42463	0.000119857	0.129195	-7.74024
cg22608492	EVPL	0.00549378	0.475306	1.2688	1.2688	0.160617	0.611711	-1.63476	0.736938	0.895332	-1.1169	0.384032	0.746238	-1.34005	0.00149789	0.222915	-4.48601
cg03997205	EVPL	0.00934418	0.0554881	0.754909	-1.32466	0.268737	0.861381	-1.16093	0.000620736	0.505494	-1.97826	0.736462	0.957187	-1.04473	0.00211704	0.57137	-1.75018
cg16017492	EVPL	0.0168013	0.893923	1.01078	1.01078	0.087421	1.16369	1.16369	0.496646	0.94606	-1.05702	0.0195895	1.25432	1.25432	0.314837	1.08709	1.08709
cg25255429	EVPL	0.0179586	0.364353	1.20349	1.20349	0.10155	1.42791	1.42791	0.0186556	0.567453	-1.76226	0.103567	1.42439	1.42439	0.00431096	0.468439	-2.13475
cg00691266	EVPL	0.0215964	0.0994471	0.660499	-1.51401	0.687218	1.09742	1.09742	0.0605843	0.615115	-1.62571	0.122278	0.680695	-1.46909	0.0218792	0.53165	-1.88094
cg09795027	EVPL	0.0241282	0.476436	0.813995	-1.22851	0.873044	0.955563	-1.0465	0.0226635	0.460443	-2.17182	0.886427	1.04146	1.04146	0.00364081	0.326892	-3.05912
cg02582391	EVPL	0.0314719	0.183897	0.540621	-1.84972	0.0938629	0.447653	-2.23387	0.0261465	0.316244	-3.16211	0.660574	1.21262	1.21262	0.00260199	0.162035	-6.17149
cg00498401	EVPL	0.0419548	0.0513025	0.316877	-3.1558	0.206093	0.501216	-1.99515	0.113085	0.409389	-2.44266	0.0301297	0.266958	-3.74591	0.0177259	0.224587	-4.45262
cg14230810	EVPL	0.0432887	0.866109	0.93306	-1.07174	0.470087	1.35219	1.35219	0.0442071	0.387094	-2.58335	0.972312	1.01435	1.01435	0.00526375	0.220733	-4.53036
cg01013054	EVPL	0.0485348	0.0213725	0.250473	-3.99245	0.0407461	0.306507	-3.26256	0.0883765	0.390162	-2.56303	0.591979	0.762735	-1.31107	0.0191695	0.242003	-4.13219
cg09977980	EVPLL	0.00212887	0.977118	1.00415	1.00415	0.0311967	0.694013	-1.44089	0.00209548	0.535113	-1.86877	0.0245482	0.679141	-1.47245	0.00677955	0.602347	-1.66017
cg02498422	EVPLL	0.00648237	0.879427	0.979926	-1.02049	0.0889211	1.28485	1.28485	0.0303847	0.711803	-1.40488	0.451181	1.10799	1.10799	0.00078981	0.507848	-1.96909
cg23221139	EVPLL	0.0182669	0.136373	0.748883	-1.33532	0.460963	0.873497	-1.14482	0.645146	1.08715	1.08715	0.975074	1.00565	1.00565	0.315767	1.20551	1.20551
cg01142328	EVPLL	0.0192183	0.69699	0.891009	-1.12232	0.0790467	1.77726	1.77726	0.120658	0.608718	-1.6428	0.887504	0.959116	-1.04263	0.188964	0.663367	-1.50746
cg01152168	EVPLL	0.0376853	0.029785	0.31302	-3.19468	0.47854	1.38712	1.38712	0.208486	0.547587	-1.8262	0.987129	1.00735	1.00735	0.00275234	0.153143	-6.52984
cg23535310	EVPLL	0.0444854	0.775003	1.13339	1.13339	0.111867	2.13072	2.13072	0.816916	1.10663	1.10663	0.058908	2.53968	2.53968	0.110725	0.467993	-2.13679
cg07104209	EVX1	0.00686872	0.426786	0.836434	-1.19555	0.00064151	3.16862	3.16862	0.177186	1.37123	1.37123	0.57834	0.883746	-1.13155	0.159639	0.718372	-1.39204
cg08787251	EVX1	0.0123882	0.847381	0.916028	-1.09167	0.0330454	3.10987	3.10987	0.8642	0.925036	-1.08104	0.0271492	3.28854	3.28854	0.384241	0.666236	-1.50097
cg11640378	EVX1;EVX1	2.83E-08	0.01989	0.842826	-1.18649	0.63249	1.02974	1.02974	0.0280379	0.853962	-1.17101	0.00512278	1.25228	1.25228	0.000600836	0.724702	-1.37988

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03690837	0.197924	0.7083	-1.41183	0.408127	1.23916	1.23916	6.19E-07	32.0041	32.0041	6.04E-07	32.3533	32.3533	73.2279	74.4943	0.904262	1
cg20434300	0.0498748	1.4465	1.4465	0.111404	1.33135	1.33135	0.0836768	1.37158	1.37158	0.255029	1.21669	1.21669	11.2598	4.85784	0.383497	1
cg22703724	0.72761	0.828525	-1.20696	0.15985	2.24325	2.24325	0.0117195	5.44127	5.44127	0.0146505	5.03649	5.03649	9.1099	41.7537	4.07408	1
cg20500248	0.0932057	0.377031	-2.6523	0.0493696	3.26983	3.26983	0.640971	1.28156	1.28156	0.618476	1.30368	1.30368	4.76032	21.0348	3.92781	1
cg11897145	0.559283	1.09196	1.09196	0.0163202	0.645664	-1.54879	0.255359	0.83785	-1.19353	0.436193	0.888386	-1.12564	5.34711	1.87976	0.312486	1
cg03914707	0.269414	0.769873	-1.29892	0.0989198	1.50892	1.50892	0.050994	1.65774	1.65774	0.146425	1.42543	1.42543	3.85579	3.15762	0.727936	1
cg07323919	0.380338	0.7466	-1.3394	0.308099	0.709933	-1.40858	0.685553	0.876177	-1.14132	0.681235	1.14354	1.14354	3.5689	5.96065	1.48459	1
cg22748443	0.195226	1.22053	1.22053	9.76E-05	0.365192	-2.73828	0.191754	0.817895	-1.22265	0.491661	1.10694	1.10694	6.95253	2.32991	0.297882	1
cg00328593	0.884018	1.02208	1.02208	0.0247526	1.49182	1.49182	0.15695	1.25423	1.25423	0.907657	0.982787	-1.01751	4.53847	1.60944	0.315219	1
cg13524180	0.985079	1.00507	1.00507	0.244698	1.38974	1.38974	0.415178	1.25262	1.25262	0.341601	1.30345	1.30345	3.7004	4.28633	1.02964	1
cg26986937	0.365506	1.15358	1.15358	2.47E-07	0.0938785	-10.6521	0.296442	1.18098	1.18098	0.340531	0.85991	-1.16291	35.1688	13.151	0.33239	1
cg05605257	0.00127536	1.32705	1.32705	0.0942965	1.11713	1.11713	0.529109	1.03914	1.03914	0.200985	0.921889	-1.08473	11.4368	0.656869	0.051053	1
cg01308827	0.688295	1.13762	1.13762	0.000169515	0.129372	-7.72967	0.00797565	2.9664	2.9664	0.219372	1.51128	1.51128	11.415	18.4814	1.43914	1
cg01173794	0.0393696	0.262558	-3.80868	0.00353651	0.108781	-9.19276	0.0178572	0.198822	-5.02963	0.0973936	0.360394	-2.77474	5.81233	28.977	4.43149	1
cg04681219	0.111878	0.492444	-2.03069	?	?	?	0.0754626	0.439399	-2.27584	0.730601	0.87471	-1.14324	6.90849	11.6551	1.20505	1
cg15435718	0.627834	1.09114	1.09114	0.0140803	0.582096	-1.71793	0.52909	1.12058	1.12058	0.109856	1.36503	1.36503	4.11112	2.07559	0.448775	1
cg18460175	0.819695	0.957063	-1.04486	0.662905	1.08797	1.08797	0.011103	1.8442	1.8442	0.295799	1.2317	1.2317	3.52712	2.06409	0.520182	1
cg16354756	0.0080216	0.346817	-2.88336	0.0189865	0.412554	-2.42392	0.973104	1.01057	1.01057	0.0708189	0.532986	-1.87622	5.41408	8.33241	1.36802	1
cg27044986	0.292567	0.809962	-1.23463	0.391499	1.18467	1.18467	0.0979761	1.4196	1.4196	0.916773	1.02038	1.02038	3.86495	2.28058	0.524503	1
cg19303763	0.863113	1.05065	1.05065	0.949154	1.01843	1.01843	0.439385	0.797883	-1.25332	0.0316924	2.05667	2.05667	5.63164	7.31154	1.15404	1
cg03955296	0.307605	1.08339	1.08339	0.0102508	0.782379	-1.27815	0.0345555	0.829512	-1.20553	0.961786	1.00364	1.00364	5.21697	0.475229	0.0809715	1
cg05909475	0.00782304	0.490973	-2.03677	0.107383	0.693362	-1.44225	0.140281	1.39184	1.39184	0.63934	1.10336	1.10336	3.71188	2.55291	0.61135	1
cg13981120	0.0207411	0.506937	-1.97263	0.343612	0.788171	-1.26876	0.00621506	0.418793	-2.38782	0.0848862	0.628199	-1.59185	8.642	8.14821	0.8381	1
cg24681898	0.0197026	0.427701	-2.33808	0.967033	1.01254	1.01254	0.646645	1.14933	1.14933	0.0212569	0.433929	-2.30453	6.28425	9.04862	1.2799	1
cg10956811	0.63419	1.07751	1.07751	0.00447227	0.554107	-1.80471	0.0174657	0.637264	-1.56921	0.0228998	0.654485	-1.52792	4.68548	1.79976	0.341436	1
cg22023197	0.0665441	0.548435	-1.82337	0.593318	0.854379	-1.17044	0.609355	1.16238	1.16238	0.579306	0.849165	-1.17763	4.38441	5.91916	1.20004	1
cg21382392	0.83878	0.953641	-1.04861	0.240822	1.33126	1.33126	0.785535	0.938423	-1.06562	0.763553	0.932117	-1.07283	5.34065	4.59236	0.764345	1
cg11868356	0.00883197	0.299225	-3.34197	0.000142654	0.0931384	-10.7367	0.0680835	0.477349	-2.09491	0.0162115	0.344956	-2.89892	20.5368	42.6096	1.84426	1
cg06373011	0.00473854	0.794867	-1.25807	0.00905401	0.816267	-1.22509	0.0215563	0.844581	-1.18402	0.00537125	1.25151	1.25151	8.72493	0.517549	0.0527275	1
cg21940313	0.189846	0.697495	-1.4337	0.00198205	0.32191	-3.10646	0.00147535	0.304098	-3.28842	0.12667	0.651397	-1.53516	7.65072	8.15595	0.947588	1
ch.17.1132965	0.182265	0.413389	-2.41903	0.0032622	0.0818608	-12.2159	0.0116334	0.139738	-7.15625	0.0377817	0.222393	-4.49654	7.44638	45.922	5.4818	1
cg22292478	0.0200967	0.741043	-1.34945	0.000584184	0.552642	-1.80949	0.100329	0.827465	-1.20851	0.159133	0.854121	-1.17079	5.12132	0.854133	0.129718	1
cg13357178	0.980919	1.00343	1.00343	0.0058241	0.596027	-1.67778	0.575207	1.08452	1.08452	0.139912	0.79644	-1.25559	4.46923	1.45357	0.289102	1
cg17971874	0.499402	0.836124	-1.196	0.110084	0.634693	-1.57557	0.0261155	0.50207	-1.99175	0.0288549	0.510317	-1.95957	4.29658	4.63691	0.959296	1
cg23993438	0.801038	0.979044	-1.0214	1.13E-05	0.45732	-2.18665	0.29096	1.09627	1.09627	0.386824	0.928299	-1.07724	19.0947	2.1274	0.0990338	1
cg22437020	0.216969	0.924	-1.08225	0.731229	0.979238	-1.0212	0.191047	0.919213	-1.08789	0.0012059	1.33443	1.33443	11.7396	0.688376	0.052122	1
cg13682044	0.0119479	0.575858	-1.73654	0.00168868	0.454038	-2.20246	0.12756	1.33632	1.33632	0.801009	1.04544	1.04544	5.6418	2.7665	0.435873	1
cg21923992	0.154066	1.44267	1.44267	8.20E-05	0.154847	-6.45798	0.681922	1.10299	1.10299	0.145724	1.45549	1.45549	28.3111	19.2845	0.681162	1
cg22547764	0.0126261	0.354334	-2.82219	0.997079	1.00123	1.00123	0.367211	0.7335	-1.36333	0.756254	1.1098	1.1098	11.956	21.1985	1.57604	1
cg16655375	0.185714	1.34507	1.34507	0.0481676	0.620593	-1.61136	0.502947	1.15444	1.15444	0.766575	1.06491	1.06491	6.61787	4.67792	0.628321	1
cg01829129	0.00372848	0.403319	-2.47943	0.00410259	0.40958	-2.44153	0.851088	0.95737	-1.04453	0.417571	0.825276	-1.21172	5.5335	4.70944	0.756513	1
cg00760338	0.0582075	5.12949	5.12949	?	?	?	0.0595446	0.197592	-5.06092	0.456261	0.599118	-1.66912	11.2126	37.5912	2.68207	1
cg08195505	0.0102581	0.555809	-1.79918	0.391892	0.852799	-1.17261	0.0743515	1.43464	1.43464	0.524919	0.889627	-1.12407	4.59212	2.39652	0.46389	1
cg01519765	0.599405	1.16463	1.16463	0.0348168	0.492944	-2.02863	0.276505	0.722185	-1.38469	0.225505	1.44197	1.44197	3.65923	4.7919	1.16403	1
cg03954667	0.0391561	0.650132	-1.53815	4.62E-05	0.249626	-4.00599	0.765115	0.947384	-1.05554	0.041574	0.654513	-1.52785	12.7	6.54541	0.458122	1
cg11930279	0.116071	1.21767	1.21767	7.66E-05	2.28513	2.28513	0.0191754	1.3865	1.3865	0.0338241	0.751462	-1.33074	10.8006	2.27444	0.187186	1
cg20249469	0.0454134	0.491902	-2.03293	0.000396653	5.71782	5.71782	0.00134439	4.22189	4.22189	0.00445408	3.23147	3.23147	10.0243	13.489	1.34563	1
cg21535657	0.149392	1.51983	1.51983	0.0121133	0.428736	-2.33244	0.119267	1.58058	1.58058	0.0360705	0.516769	-1.9351	5.97412	6.93773	1.03226	1
cg11375112	0.585643	1.09825	1.09825	0.666055	1.07672	1.07672	0.608785	0.915872	-1.09186	0.209209	0.79825	-1.25274	5.89795	2.70715	0.407998	1
cg17077401	0.198739	0.429423	-2.3287	0.00507058	0.0996443	-10.0357	0.822281	1.15031	1.15031	0.0280046	0.198749	-5.03146	5.38895	33.0661	5.45415	1
cg27273254	0.00633218	0.493486	-2.0264	0.100106	0.699098	-1.43042	0.954429	0.98871	-1.01142	0.283359	1.24789	1.24789	5.34148	3.33951	0.555737	1
cg06516865	0.236627	0.748711	-1.33563	0.00855183	0.457047	-2.18796	0.0538031	1.66698	1.66698	0.0172542	0.508115	-1.96806	5.33502	4.60246	0.766834	1
cg09369651	0.31351	1.11935	1.11935	0.00287737	1.55799	1.55799	0.202614	1.1566	1.1566	0.265147	1.13383	1.13383	5.25427	0.973441	0.164681	1
cg18499919	0.143505	0.895747	-1.11639	0.0349693	1.1878	1.1878	0.330981	0.932156	-1.07278	0.146579	0.896608	-1.11531	4.9092	0.381421	0.0690623	1
cg09082441	0.622859	0.878609	-1.13816	0.00293141	0.344092	-2.9062	0.0122291	0.442669	-2.25903	0.0509511	0.55964	-1.78686	4.71242	5.08701	0.959547	1
cg26713273	0.00809163	0.361653	-2.76508	0.0220683	0.438971	-2.27805	0.387067	0.766518	-1.3046	0.0293123	0.463042	-2.15963	4.58543	6.53194	1.26622	1
cg18697143	0.570838	1.08882	1.08882	0.0324211	1.45067	1.45067	0.881088	0.978009	-1.02249	0.275112	0.844786	-1.18373	4.28851	1.49884	0.310667	1
cg03160174	0.631707	0.920745	-1.08608	0.339889	1.18315	1.18315	0.876168	1.02702	1.02702	0.0960077	0.731573	-1.36692	3.95527	1.83132	0.411563	1
cg22357390	0.771151	1.12394	1.12394	0.0179947	0.316175	-3.16281	0.259638	0.624322	-1.60174	0.175901	0.56185	-1.77983	3.88134	9.86554	2.25937	1
cg17541810	0.521285	1.52015	1.52015	0.331531	1.91016	1.91016	0.303444	1.99165	1.99165	0.828906	0.870079	-1.14932	4.0224	25.7773	4.98433	1
cg22387575	0.00831233	0.26444	-3.78158	0.0946357	0.484642	-2.06338	0.00417721	0.220174	-4.54186	0.0651762	0.44206	-2.26214	7.22408	17.7871	2.18862	1
cg04289385	0.014284	4.99975	4.99975	0.00103284	13.3191	13.3191	0.005332	7.06557	7.06557	0.0514748	3.25721	3.25721	5.91474	26.5765	3.99401	1
cg02952361	0.0311495	10.6943	10.6943	0.0034867	41.0097	41.0097	0.0132102	17.7765	17.7765	0.0228467	12.8275	12.8275	4.21867	58.6477	12.3573	1
cg05298677	0.0353578	39.9119	39.9119	0.00298483	458.906	458.906	0.0103665	128.726	128.726	0.0217632	63.0273	63.0273	4.1794	149.836	31.8676	1
cg26249450	0.0531221	11.4119	11.4119	0.00392574	73.7105	73.7105	0.0104806	35.4918	35.4918	0.0175927	24.5428	24.5428	4.03293	78.4064	17.2814	1
cg12173498	0.0346778	14.1028	14.1028	0.00676339	43.4989	43.4989	0.0118318	29.2993	29.2993	0.0267283	16.7944	16.7944	3.78186	69.1777	16.2595	1
cg07540542	0.0539335	7.43444	7.43444	0.00284548	43.2091	43.2091	0.17898	3.70232	3.70232	0.0239581	11.8183	11.8183	3.64693	48.5542	11.8344	1
cg17690086	0.917393	1.02156	1.02156	0.025136	1.72897	1.72897	0.407477	0.840144	-1.19027	0.33276	0.814327	-1.22801	3.62273	2.4246	0.59491	1
cg24889021	0.023916	8.15671	8.15671	0.00242302	26.8166	26.8166	0.0111657	11.907	11.907	0.0268227	7.71232	7.71232	4.62324	44.4199	8.5404	1
cg05582310	0.00910544	0.533962	-1.87279	0.000199008	0.30631	-3.26466	0.844163	0.96342	-1.03797	0.0554709	0.662981	-1.50834	9.46445	5.37453	0.504769	1
cg26392277	0.148197	1.60314	1.60314	0.00856781	0.360441	-2.77438	0.769982	0.914648	-1.09332	0.339594	0.741195	-1.34917	4.99202	7.32018	1.30345	1
cg01333350	0.296006	0.806084	-1.24057	0.104683	0.702723	-1.42304	0.349549	1.21114	1.21114	0.983033	0.995779	-1.00424	4.2493	2.66331	0.557123	1
cg15305511	0.0693083	0.703085	-1.4223	0.000841242	0.418689	-2.38841	0.00271295	0.487733	-2.0503	0.174597	0.778541	-1.28445	9.65229	4.59435	0.423098	1
cg20992708	0.709152	1.04112	1.04112	0.000881057	1.70941	1.70941	0.0216784	1.34506	1.34506	0.063686	0.799159	-1.25132	16.3536	2.99544	0.162815	1
cg07421005	0.865893	1.02343	1.02343	0.000890063	1.97784	1.97784	0.143919	0.806442	-1.24002	0.659655	0.941083	-1.06261	8.42892	2.50623	0.2643	1
cg01834022	0.795928	0.908797	-1.10036	0.00773058	3.53437	3.53437	0.0682978	2.12378	2.12378	0.708617	1.14858	1.14858	5.73769	12.373	1.91685	1
cg06426416	0.713419	0.900865	-1.11004	0.00158264	3.60994	3.60994	0.0777672	1.74155	1.74155	0.30847	0.742055	-1.34761	5.70414	7.23639	1.12766	1
cg09301458	0.408801	1.10078	1.10078	0.00111319	1.72616	1.72616	0.0585702	0.78438	-1.27489	0.103293	1.22449	1.22449	5.38942	1.10262	0.181858	1
cg02501978	0.365653	0.88096	-1.13513	0.00483669	1.66466	1.66466	0.0779736	1.30613	1.30613	0.912006	0.985039	-1.01519	4.80365	1.41463	0.261769	1
cg17250429	0.674718	1.07719	1.07719	0.00426669	1.96117	1.96117	0.161965	1.3009	1.3009	0.768999	1.05325	1.05325	4.71836	2.31896	0.436867	1
cg05571820	0.0492567	2.45907	2.45907	0.00541393	4.33842	4.33842	0.109622	0.496946	-2.01229	0.899549	1.05193	1.05193	4.4663	11.3692	2.26271	1
cg05542338	0.294493	0.585911	-1.70674	0.0227102	3.82253	3.82253	0.064636	2.77453	2.77453	0.323663	1.65069	1.65069	3.7117	14.211	3.4033	1
cg17384436	0.157447	1.28866	1.28866	0.00359258	1.93764	1.93764	0.599699	1.09291	1.09291	0.463694	0.882388	-1.13329	3.48473	1.55322	0.396196	1
cg03278643	0.0160718	2.97164	2.97164	0.00169367	5.24894	5.24894	0.00267753	4.6391	4.6391	0.176155	1.70174	1.70174	5.95186	12.8821	1.9239	1
cg17242664	0.0174282	3.18082	3.18082	0.0202222	3.06326	3.06326	0.00584865	4.23089	4.23089	0.0684076	2.26052	2.26052	4.44223	11.2434	2.24979	1
cg16418810	0.00124999	0.52696	-1.89768	0.313386	1.15223	1.15223	0.271595	1.16828	1.16828	0.71677	0.951694	-1.05076	5.67304	1.65935	0.259998	1
cg17460447	0.279648	0.832383	-1.20137	0.0515859	0.69651	-1.43573	0.828392	0.965185	-1.03607	0.0060126	0.556587	-1.79666	3.39229	1.43155	0.375111	1
cg07462863	0.968165	0.990272	-1.00982	0.0283059	1.88555	1.88555	0.105831	1.54145	1.54145	0.567877	0.868126	-1.15191	5.31148	5.04763	0.844733	1
cg13168437	0.0265667	1.36059	1.36059	1.30E-06	0.233379	-4.28488	0.46033	1.09204	1.09204	0.000510125	0.529519	-1.88851	28.4819	6.18895	0.19315	1
cg17826107	0.000283218	0.420614	-2.37748	0.139604	1.26125	1.26125	0.914032	0.984357	-1.01589	0.0450116	0.714724	-1.39914	13.7811	4.65282	0.300108	1
cg02234780	0.0578735	1.15406	1.15406	0.693033	1.02687	1.02687	0.465842	0.951618	-1.05084	0.00240506	1.32648	1.32648	12.0923	0.855147	0.0628606	1
cg11226183	0.730947	0.90782	-1.10154	0.0457321	0.526388	-1.89974	5.90E-05	8.02966	8.02966	0.458843	1.23531	1.23531	10.6429	13.2311	1.10505	1
cg01561200	0.0186262	1.49357	1.49357	0.0278742	1.44122	1.44122	0.367109	0.877827	-1.13918	0.802502	1.03587	1.03587	8.73684	2.73706	0.27847	1
cg00761363	0.324283	1.13396	1.13396	0.00117682	1.80018	1.80018	0.0390444	0.744532	-1.34313	0.144688	0.824092	-1.21346	8.18906	1.97814	0.214719	1
cg00520096	0.000212961	0.153651	-6.50827	0.630026	0.86334	-1.15829	0.885795	1.04447	1.04447	0.425054	1.27971	1.27971	6.18317	8.97649	1.29045	1
cg06907479	0.157077	1.14174	1.14174	0.00869048	1.34034	1.34034	0.000456605	1.62182	1.62182	0.570352	1.05152	1.05152	5.86262	0.712374	0.10801	1
cg11806203	0.339157	1.1253	1.1253	0.0424432	1.32314	1.32314	0.243034	0.863826	-1.15764	0.46887	1.09232	1.09232	5.10593	1.16107	0.20213	1
cg00519208	0.0453287	1.94966	1.94966	0.869556	0.95333	-1.04895	0.0154254	2.37344	2.37344	0.816776	1.06982	1.06982	4.28646	5.7407	1.19046	1
cg00247803	0.0164994	1.76944	1.76944	0.0012773	2.49703	2.49703	0.889088	0.973184	-1.02756	0.630003	0.909777	-1.09917	3.93726	2.36639	0.534245	1
cg17140307	0.248967	1.47614	1.47614	0.482122	0.793836	-1.25971	0.00116967	4.66403	4.66403	0.175734	1.59246	1.59246	3.72521	6.16181	1.47029	1
cg10989326	0.0453481	0.557417	-1.79399	0.0501634	1.7656	1.7656	0.117111	0.648329	-1.54243	0.415368	0.809011	-1.23608	3.47207	3.56398	0.912418	1
cg15128562	0.0260347	0.400821	-2.49488	0.709667	0.878588	-1.13819	0.925033	1.03311	1.03311	1.28E-05	0.0417833	-23.933	15.1579	22.3679	1.68647	1
cg20609752	?	?	?	?	?	?	0.959984	1.01346	1.01346	0.124219	1.56691	1.56691	10.4004	7.63383	0.856325	1
cg23228218	0.00767049	0.292929	-3.4138	0.784922	0.906631	-1.10298	0.657001	1.17367	1.17367	0.0573222	0.462812	-2.1607	8.09863	16.4674	1.80743	1
cg14106632	0.606437	1.04686	1.04686	0.0881192	0.847169	-1.1804	0.45684	1.06906	1.06906	0.00543279	1.38042	1.38042	6.28311	0.772892	0.109343	1
cg22501922	0.0935444	1.48337	1.48337	0.000348369	3.41955	3.41955	0.0041785	2.27168	2.27168	0.767878	1.06532	1.06532	13.3228	9.64436	0.643464	1
cg06793867	0.00347923	5.66922	5.66922	0.000426657	11.4786	11.4786	0.00308896	5.88096	5.88096	0.0551201	2.58944	2.58944	7.76498	23.5435	2.69512	1
cg03509094	0.00935627	3.61475	3.61475	0.000465412	8.55277	8.55277	0.00302178	4.87888	4.87888	0.0285029	2.73963	2.73963	7.32422	17.6352	2.14026	1
cg15974673	0.00800194	2.66056	2.66056	0.00032431	5.33158	5.33158	0.00916206	2.59309	2.59309	0.309141	1.35397	1.35397	6.86328	9.01072	1.16701	1
cg19981796	0.0138105	3.59119	3.59119	0.000532404	9.63568	9.63568	0.00332341	5.36278	5.36278	0.0162557	3.43728	3.43728	6.75909	18.894	2.48476	1
cg17666539	0.0247472	7.2849	7.2849	0.000611411	50.4635	50.4635	0.0049	15.9526	15.9526	0.0313377	6.52796	6.52796	6.07846	53.1226	7.76843	1
cg02961707	0.0417823	17.8834	17.8834	0.0061651	80.6987	80.6987	0.00479311	99.5528	99.5528	0.0361329	19.9825	19.9825	4.24142	101.459	21.2632	1
cg09294629	0.686171	0.881459	-1.13448	0.129118	0.600864	-1.66427	0.844728	1.0628	1.0628	0.905666	0.963845	-1.03751	3.72374	5.69036	1.35834	1
cg26014689	0.972648	1.01508	1.01508	0.0161077	3.61528	3.61528	0.0171814	3.55104	3.55104	0.0630545	2.49066	2.49066	3.68426	11.1142	2.68148	1
cg04172795	0.256072	0.675983	-1.47933	0.168262	1.62415	1.62415	0.0657711	1.97777	1.97777	0.207125	1.55181	1.55181	8.80206	15.2091	1.53592	1
cg05281145	0.244858	1.27767	1.27767	0.599527	0.898775	-1.11263	0.758587	0.939795	-1.06406	0.0955049	0.691511	-1.44611	7.63635	4.90688	0.571173	1
cg23130739	0.112966	0.717009	-1.39468	0.0733012	1.46978	1.46978	0.663159	1.08818	1.08818	0.739769	1.06639	1.06639	4.16342	2.45192	0.523484	1
cg01485838	0.229486	0.63288	-1.58008	0.948055	1.02392	1.02392	0.984442	1.0071	1.0071	0.352772	0.706876	-1.41468	3.76166	7.84174	1.85302	1
cg17813891	0.508206	0.80701	-1.23914	0.0169851	0.394597	-2.53423	0.361899	0.741279	-1.34902	0.129735	0.592811	-1.68688	3.72579	6.02153	1.4366	1
cg19918549	0.838448	0.961277	-1.04028	0.341663	0.827335	-1.2087	0.144709	0.738565	-1.35398	0.104499	0.70943	-1.40958	4.94281	2.92972	0.526866	1
cg03361789	0.00014721	0.125219	-7.98601	0.00333795	0.28047	-3.56544	0.0707623	0.525928	-1.9014	0.000586788	0.184395	-5.42314	19.5075	31.2926	1.4259	1
cg00282731	0.241027	0.8644	-1.15687	0.0288729	0.736443	-1.35788	0.705331	0.955899	-1.04614	0.365068	1.11683	1.11683	17.9501	4.00734	0.198444	1
cg16864867	0.000811723	0.215035	-4.65042	0.00108114	0.23026	-4.34292	0.209038	0.668327	-1.49627	0.00733149	0.349251	-2.86327	10.5942	15.5393	1.3038	1
cg22608492	0.00178091	0.232557	-4.30003	0.000805068	0.190447	-5.25081	0.269138	0.685636	-1.4585	0.121805	0.57694	-1.73328	7.13003	12.1444	1.51402	1
cg03997205	0.0460622	0.743688	-1.34465	0.327954	1.13975	1.13975	0.186221	0.833983	-1.19906	0.222352	0.846935	-1.18073	6.03991	1.60528	0.236247	1
cg16017492	0.00391749	1.36606	1.36606	0.00482296	1.35041	1.35041	0.124946	0.875082	-1.14275	0.977349	1.00228	1.00228	4.98905	0.510003	0.0908662	1
cg25255429	0.143388	1.36678	1.36678	0.0612161	0.65761	-1.52066	0.544392	1.12966	1.12966	0.797719	1.05236	1.05236	4.8789	3.05106	0.555875	1
cg00691266	0.0283396	0.551846	-1.8121	0.00600669	2.28093	2.28093	0.774366	0.936117	-1.06824	0.704607	0.916238	-1.09142	4.58293	3.82887	0.742635	1
cg09795027	0.533273	0.835805	-1.19645	0.00629815	0.363699	-2.74952	0.830644	0.940936	-1.06277	0.013995	0.422072	-2.36926	4.41125	5.64467	1.13743	1
cg02582391	0.0162304	0.277312	-3.60604	0.570961	1.2838	1.2838	0.254911	0.595352	-1.67968	0.167104	0.525942	-1.90135	4.01771	12.1116	2.6796	1
cg00498401	0.252499	0.538472	-1.85711	0.00662578	0.161188	-6.20395	0.0455529	0.304994	-3.27876	0.0260765	0.254754	-3.92535	3.61877	15.3719	3.77583	1
cg14230810	0.467804	0.738354	-1.35436	0.0085906	0.252532	-3.95989	0.693668	0.849982	-1.1765	0.0899495	0.464217	-2.15416	3.57693	9.55037	2.37332	1
cg01013054	0.0344633	0.290936	-3.43719	0.0217733	0.251945	-3.96912	0.0291551	0.276133	-3.62145	0.171769	0.482749	-2.07147	3.42658	13.6002	3.52804	1
cg09977980	0.232898	0.834679	-1.19807	0.820448	1.03339	1.03339	8.65E-05	0.361405	-2.76698	0.0198763	0.666221	-1.501	9.46783	3.1295	0.293814	1
cg02498422	0.0746448	1.30379	1.30379	0.00922002	1.55511	1.55511	0.950998	1.00824	1.00824	0.557014	0.923721	-1.08258	6.77508	1.91483	0.251225	1
cg23221139	0.959886	0.990978	-1.0091	0.000302904	0.34708	-2.88118	0.647418	1.08652	1.08652	0.97131	0.993541	-1.0065	4.85104	2.49467	0.457114	1
cg01142328	0.00722468	0.359764	-2.7796	0.506339	0.819674	-1.22	0.00138975	0.255009	-3.92143	0.569477	0.844053	-1.18476	4.7686	6.56849	1.2244	1
cg01152168	0.547539	0.758484	-1.31842	0.0449799	0.3517	-2.84333	0.0496305	0.361595	-2.76553	0.0939515	0.433242	-2.30818	3.76456	12.2993	2.90411	1
cg23535310	0.0310356	0.330848	-3.02254	0.0112156	0.249502	-4.00799	0.634106	0.810994	-1.23306	0.7671	1.13856	1.13856	3.54073	10.7048	2.68741	1
cg07104209	0.720318	1.08235	1.08235	0.165515	0.722119	-1.38481	0.00302842	2.44582	2.44582	0.108046	1.47101	1.47101	6.65426	5.10604	0.682075	1
cg08787251	0.181668	1.90672	1.90672	0.274793	0.596172	-1.67737	0.00049588	11.9595	11.9595	0.233438	1.76593	1.76593	5.51615	18.1024	2.91708	1
cg11640378	0.976451	0.998206	-1.0018	0.202151	0.921342	-1.08537	2.44E-10	9.49328	9.49328	0.188466	1.08847	1.08847	181.004	10.6091	0.0520999	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05825073	EVX1;EVX1	5.60E-06	0.098769	0.711126	-1.40622	0.0044264	2.04481	2.04481	0.134299	1.35538	1.35538	0.498767	0.87869	-1.13806	0.0133062	0.561234	-1.78179
cg18397523	EVX1;EVX1	1.63E-05	0.689853	0.946779	-1.05621	0.198753	1.20341	1.20341	0.0436342	1.37199	1.37199	0.792812	1.03654	1.03654	0.0814772	0.768525	-1.30119
cg27626299	EVX1;EVX1	0.000618746	0.904165	1.02258	1.02258	0.0744993	1.4454	1.4454	0.0209243	1.67395	1.67395	0.865211	1.032	1.032	0.786909	1.05152	1.05152
cg25160286	EVX1;EVX1	0.00159965	0.583868	1.2319	1.2319	0.324434	1.46768	1.46768	0.0302363	2.61341	2.61341	0.0938402	2.00303	2.00303	0.194313	0.595879	-1.67819
cg05589845	EVX1;EVX1	0.00406118	0.99091	0.996995	-1.00301	0.00517218	2.65158	2.65158	0.263328	1.36075	1.36075	0.318157	1.31332	1.31332	0.346969	0.774279	-1.29152
cg10942097	EVX2	5.12E-07	0.0034455	0.676927	-1.47726	5.90E-05	2.07595	2.07595	0.273143	0.894019	-1.11854	0.0682595	1.22206	1.22206	0.000342906	1.76164	1.76164
cg07939836	EVX2	3.01E-06	0.000210516	0.427672	-2.33824	0.0305603	0.70588	-1.41667	0.0490766	1.36061	1.36061	0.00374031	0.584742	-1.71016	0.410341	0.891012	-1.12232
cg06496484	EVX2	3.33E-06	0.00415746	0.502652	-1.98945	0.773913	1.05293	1.05293	0.160083	1.30834	1.30834	0.983191	1.00378	1.00378	0.000564094	0.384026	-2.60399
cg23242052	EVX2	2.71E-05	0.654973	1.05482	1.05482	0.648248	0.946956	-1.05602	0.0771247	1.26266	1.26266	0.18492	1.18158	1.18158	0.176147	1.18609	1.18609
cg23880668	EVX2	0.000123456	0.922534	1.01899	1.01899	0.0550542	0.656646	-1.52289	0.00142693	2.44017	2.44017	0.744794	0.938797	-1.06519	0.59824	1.10829	1.10829
cg01658421	EVX2	0.000139467	0.458398	0.825317	-1.21166	0.322317	1.29688	1.29688	0.369985	0.791283	-1.26377	0.576456	0.86633	-1.15429	0.544737	0.85567	-1.16867
cg05467160	EVX2	0.000261443	0.278677	0.761878	-1.31255	0.834291	0.950676	-1.05188	0.000378401	3.94099	3.94099	0.5013	1.17915	1.17915	0.567516	0.869767	-1.14973
cg27213509	EVX2	0.000539956	0.112798	0.67058	-1.49125	0.0291577	0.551497	-1.81324	0.676633	1.10197	1.10197	0.738489	1.08066	1.08066	0.204285	0.733343	-1.36362
cg07411620	EVX2	0.000642959	0.0141655	3.99347	3.99347	0.889951	1.06538	1.06538	0.0159673	3.85601	3.85601	0.023935	3.42973	3.42973	0.068709	0.393745	-2.53971
cg11359133	EVX2	0.000728779	0.107993	2.36165	2.36165	0.152618	0.472028	-2.11852	0.423809	1.49227	1.49227	0.222339	1.87469	1.87469	0.000386027	0.0623554	-16.0371
cg24683680	EVX2	0.00221514	0.437715	0.788602	-1.26807	0.70609	0.892562	-1.12037	0.431958	0.786147	-1.27203	0.784606	0.921093	-1.08567	0.991457	0.996793	-1.00322
cg08431899	EVX2	0.00257304	0.395367	0.869843	-1.14963	0.142838	0.777016	-1.28698	0.867401	1.02713	1.02713	0.488501	0.89339	-1.11933	0.367972	0.862311	-1.15968
cg01720455	EVX2	0.0026166	0.123194	0.707944	-1.41254	0.0426258	0.617075	-1.62055	0.196404	1.32647	1.32647	0.759422	1.06559	1.06559	0.884931	1.0304	1.0304
cg14715696	EVX2	0.00299748	0.83781	0.918534	-1.08869	0.129231	1.9732	1.9732	0.911656	1.04709	1.04709	0.628308	0.81689	-1.22416	0.151692	1.89042	1.89042
cg15133351	EVX2	0.00772748	0.0693398	4.88339	4.88339	0.662841	0.710054	-1.40834	0.554621	1.59437	1.59437	0.00686634	15.3661	15.3661	0.256586	0.396829	-2.51998
cg14085358	EVX2	0.0107046	0.069386	0.492808	-2.02919	0.0799608	1.96755	1.96755	0.745252	0.892643	-1.12027	0.212114	0.632638	-1.58068	0.356141	1.39185	1.39185
cg27116912	EVX2	0.0181329	0.498146	0.848345	-1.17877	0.575593	1.14484	1.14484	0.81957	1.05616	1.05616	0.296108	1.29575	1.29575	0.0416172	0.570196	-1.75378
cg14118515	EVX2	0.0376267	0.053404	17.4052	17.4052	0.976495	1.03831	1.03831	0.339099	3.53695	3.53695	0.0324198	26.492	26.492	?	?	?
cg21715488	EVX2	0.0433337	0.320225	0.551009	-1.81485	0.458211	1.55011	1.55011	0.829035	1.1337	1.1337	0.166307	0.424659	-2.35483	0.22773	0.479629	-2.08495
cg25027832	EVX2;EVX2	0.00216803	0.320493	1.19764	1.19764	0.0571192	1.45961	1.45961	0.891663	0.976342	-1.02423	0.984304	0.99655	-1.00346	0.0196172	0.609333	-1.64114
cg12074182	EVX2;EVX2	0.0164877	0.00704177	3.12146	3.12146	0.912977	1.03637	1.03637	0.969825	1.01244	1.01244	0.31849	0.713979	-1.4006	0.0208157	0.402893	-2.48205
cg11703808	EWSR1;EWSR1;EWSR1;EWSR1	0.00746186	0.0235937	1.8423	1.8423	0.0648586	1.59784	1.59784	0.128054	1.45044	1.45044	0.246174	1.31539	1.31539	0.00437036	0.422954	-2.36432
cg24351767	EWSR1;EWSR1;EWSR1;EWSR1	0.0195069	0.00538714	2.76962	2.76962	0.00284005	3.13447	3.13447	0.0166972	2.2533	2.2533	0.0542938	1.83533	1.83533	0.870161	0.955535	-1.04653
cg11942221	EWSR1;EWSR1;EWSR1;EWSR1;EWSR1	0.00441015	0.184942	1.52045	1.52045	0.0244869	0.449935	-2.22254	0.0457274	0.505295	-1.97904	0.0287198	2.15737	2.15737	0.119254	0.604199	-1.65508
cg02357416	EWSR1;EWSR1;EWSR1;EWSR1;EWSR1	0.0149259	0.0349877	1.66297	1.66297	0.0329	0.596583	-1.67621	0.0222257	0.567014	-1.76363	0.105808	1.44155	1.44155	0.61681	0.900835	-1.11008
cg02723302	EWSR1;EWSR1;EWSR1;EWSR1;EWSR1; RHBDD3	0.00393288	0.856797	0.972853	-1.0279	0.0467648	1.41465	1.41465	0.000211055	2.56994	2.56994	0.0260933	0.668809	-1.49519	0.0325641	1.46399	1.46399
cg20359783	EWSR1;EWSR1;EWSR1;EWSR1;RHBDD3 ;EWSR1;RHBDD3	0.000141928	0.000278314	0.186881	-5.351	0.0430057	0.518526	-1.92854	0.157193	0.652682	-1.53214	5.02E-06	0.0533084	-18.7588	0.000415172	0.206045	-4.8533
cg02226779	EWSR1;EWSR1;EWSR1;EWSR1;RHBDD3 ;EWSR1;RHBDD3	0.00363481	0.983343	1.00256	1.00256	0.00652727	0.648839	-1.54121	0.00304763	0.608498	-1.64339	0.0110219	1.4774	1.4774	0.409518	0.901916	-1.10875
cg19069963	EWSR1;RHBDD3;EWSR1;EWSR1;EWSR1 ;EWSR1	0.00295662	0.000197704	0.357298	-2.79878	0.16978	1.27207	1.27207	0.233173	1.22839	1.22839	0.174225	0.788322	-1.26852	0.177623	0.789976	-1.26586
cg21948665	EXD1	0.0162082	0.196916	0.740152	-1.35107	0.977641	1.0062	1.0062	0.00926774	0.482736	-2.07153	0.0109482	0.494458	-2.02242	0.00234564	0.391973	-2.5512
cg18694192	EXD2	6.99E-06	0.0814182	1.23672	1.23672	0.299838	0.888529	-1.12546	0.176762	0.853896	-1.1711	0.982463	1.00242	1.00242	1.42E-07	0.162268	-6.16263
cg00925766	EXD2	1.00E-05	0.0422859	0.674413	-1.48277	0.428953	0.872859	-1.14566	0.166763	1.28178	1.28178	0.709882	0.939009	-1.06495	4.36E-07	0.0898262	-11.1326
cg06413842	EXD2	6.06E-05	2.15E-06	0.0739825	-13.5167	5.62E-05	0.187013	-5.34721	0.0103158	0.484875	-2.06239	0.000178409	0.241234	-4.14536	0.0339104	0.574272	-1.74134
cg11826201	EXD2	0.000168772	0.210424	0.837075	-1.19464	0.58642	0.928648	-1.07683	0.264522	1.16966	1.16966	0.810047	1.03298	1.03298	7.89E-06	0.26741	-3.73958
cg13588946	EXD2	0.000787555	0.178387	0.787298	-1.27017	0.00224794	0.489018	-2.04491	5.62E-05	0.285908	-3.49763	0.0177351	0.617378	-1.61975	0.110067	0.747292	-1.33816
cg05300132	EXD2	0.0109327	0.211939	0.885247	-1.12963	0.523833	1.06171	1.06171	0.14292	1.15715	1.15715	0.490416	1.06709	1.06709	0.00228364	0.673399	-1.485
cg14589553	EXD3	0.000187214	6.97E-06	0.0611639	-16.3495	0.732583	0.908188	-1.10109	0.122026	0.624626	-1.60096	0.000351761	0.199402	-5.01499	0.000180636	0.168733	-5.92651
cg21169053	EXD3	0.000662811	0.0405645	0.547908	-1.82512	0.000354884	4.30165	4.30165	0.352391	1.27565	1.27565	0.000902684	3.53768	3.53768	0.00118533	0.298313	-3.35218
cg13942186	EXD3	0.0011262	0.00559499	0.218865	-4.56904	0.00187151	0.158484	-6.30979	0.00107456	0.133033	-7.51692	0.0681307	0.426115	-2.34679	0.000436542	0.0981571	-10.1877
cg13606629	EXD3	0.00186849	0.00462878	0.541752	-1.84586	0.973675	0.994646	-1.00538	0.0187329	0.629087	-1.58961	0.267205	0.828566	-1.20691	0.721939	1.05986	1.05986
cg14004197	EXD3	0.0021962	0.000183855	0.261267	-3.8275	0.453084	0.850188	-1.17621	0.00275786	0.416057	-2.40352	0.0319824	0.586501	-1.70503	0.0213007	0.555622	-1.79978
cg21251970	EXD3	0.00239637	0.0186968	2.84889	2.84889	0.00376309	4.20617	4.20617	0.302109	1.48099	1.48099	0.0165627	2.9306	2.9306	0.0193393	2.82659	2.82659
cg13835073	EXD3	0.00384559	0.481391	1.13296	1.13296	0.746425	0.944977	-1.05823	0.0350043	0.651472	-1.53499	0.716769	1.06561	1.06561	0.000189651	0.333659	-2.99707
cg13830835	EXD3	0.00389391	0.0549166	0.638646	-1.56581	0.0135323	1.87678	1.87678	0.271101	0.789769	-1.26619	0.108991	0.697642	-1.4334	0.216537	0.765006	-1.30718
cg07001576	EXD3	0.00717136	0.759984	1.06129	1.06129	0.000796121	0.374028	-2.6736	0.699334	1.07825	1.07825	0.157426	1.3411	1.3411	0.450243	0.861269	-1.16108
cg21210721	EXD3	0.00727915	0.117288	0.702468	-1.42355	0.195074	1.32909	1.32909	0.00504748	2.15923	2.15923	0.968663	0.991878	-1.00819	0.328254	0.811012	-1.23303
cg06323727	EXD3	0.0124763	0.685707	0.897952	-1.11365	0.00708815	0.398323	-2.51053	0.501472	0.834854	-1.19781	0.905909	0.9692	-1.03178	0.00239193	0.326384	-3.06388
cg24954168	EXD3	0.0135467	0.492644	0.827167	-1.20895	0.500033	0.829923	-1.20493	0.000780885	0.250658	-3.9895	0.289701	0.741374	-1.34885	0.0865126	0.597137	-1.67466
cg14433392	EXD3	0.0139852	0.00372338	0.487871	-2.04972	0.0176027	1.69735	1.69735	0.0258766	1.62346	1.62346	0.552261	0.895703	-1.11644	0.0286817	0.623279	-1.60442
cg21242417	EXD3	0.0143777	0.0403448	1.6232	1.6232	0.190262	0.752978	-1.32806	0.406238	0.840477	-1.1898	0.0139862	1.86036	1.86036	0.967001	0.991574	-1.0085
cg21174917	EXD3	0.0189395	0.00825097	0.442713	-2.2588	0.032345	0.546414	-1.83011	0.359725	0.796826	-1.25498	0.0438108	0.571861	-1.74868	0.00542276	0.413708	-2.41716
cg14502669	EXD3	0.0190082	0.0013672	0.277479	-3.60388	0.687115	0.894284	-1.11821	0.853808	0.950374	-1.05222	0.538493	0.842101	-1.18751	0.00180102	0.293735	-3.40442
cg13468625	EXD3	0.0212855	0.243873	1.33772	1.33772	0.000719422	3.41523	3.41523	0.0261204	1.87734	1.87734	0.210803	1.36978	1.36978	0.225592	1.35485	1.35485
cg26787801	EXD3	0.0249133	0.0253022	0.495582	-2.01783	0.612436	0.873838	-1.14438	0.83914	0.947759	-1.05512	0.239484	1.38426	1.38426	0.760372	0.922421	-1.0841
cg03345699	EXD3	0.0249403	0.428438	0.913946	-1.09416	0.0796508	1.24175	1.24175	0.802649	1.02827	1.02827	0.36419	0.901413	-1.10937	0.315773	0.890963	-1.12238
cg11619782	EXD3	0.0300823	0.211616	0.825253	-1.21175	0.494027	0.9036	-1.10668	0.0410791	0.708908	-1.41062	0.25837	0.841871	-1.18783	0.923068	1.0142	1.0142
cg06054715	EXD3	0.0313079	0.686349	1.12383	1.12383	0.0386295	0.502164	-1.99138	0.00284256	0.306839	-3.25904	0.37873	1.29654	1.29654	0.0394289	0.504007	-1.9841
cg01549377	EXD3	0.0340367	0.0435171	0.324595	-3.08076	0.0035005	0.146597	-6.8214	0.0236961	0.270093	-3.70243	0.0629446	0.36275	-2.75672	0.478696	0.705326	-1.41778
cg14369518	EXD3	0.0341553	0.309271	0.854077	-1.17085	0.0515979	0.717403	-1.39392	0.64057	1.07303	1.07303	0.0168688	1.54809	1.54809	0.104634	0.766524	-1.30459
cg14495958	EXD3	0.0365674	0.0204946	0.42943	-2.32867	0.465087	0.798444	-1.25244	0.0500053	0.508302	-1.96734	0.17337	0.644938	-1.55054	0.00954509	0.370145	-2.70164
cg14328601	EXD3	0.0372023	0.039562	3.48199	3.48199	0.158439	2.20372	2.20372	0.715199	1.21174	1.21174	0.195725	2.04851	2.04851	0.748181	1.1839	1.1839
cg13985979	EXD3	0.0412723	0.135968	0.694612	-1.43965	0.0359031	1.73949	1.73949	0.106828	0.670785	-1.49079	0.312625	1.2673	1.2673	0.0143268	0.504162	-1.98349
cg23928763	EXD3	0.045801	0.0920178	1.84765	1.84765	0.00476343	3.45733	3.45733	0.266654	1.46678	1.46678	0.116648	1.75816	1.75816	0.0519299	2.07926	2.07926
cg13425962	EXD3	0.0497094	0.824515	1.06855	1.06855	0.100267	0.584138	-1.71192	0.183401	0.656105	-1.52415	0.152688	0.632979	-1.57983	0.566827	0.841266	-1.18868
cg25397718	EXD3;NOXA1	0.00305143	0.0918945	0.806942	-1.23925	0.79437	0.970256	-1.03066	0.0235256	1.36711	1.36711	0.982013	1.00261	1.00261	0.264987	1.14373	1.14373
cg04837071	EXD3;NOXA1	0.0363786	0.290957	0.594526	-1.68201	0.0261046	3.49935	3.49935	0.0310802	3.32286	3.32286	0.291557	1.68085	1.68085	0.359323	0.639404	-1.56396
cg07639959	EXO1;EXO1;EXO1	0.00202626	0.00162089	0.565192	-1.76931	0.00303032	1.67051	1.67051	0.00519135	1.59347	1.59347	0.205187	1.18391	1.18391	0.00588504	0.634336	-1.57645
cg04158730	EXO1;EXO1;EXO1	0.00324741	0.00388369	0.695724	-1.43735	0.559251	0.946396	-1.05664	0.306682	0.905984	-1.10377	0.291335	1.10756	1.10756	0.139336	0.862061	-1.16001
cg24741598	EXO1;EXO1;EXO1	0.00461896	0.00109432	0.637507	-1.56861	0.586455	1.05268	1.05268	0.782011	1.02627	1.02627	0.00881683	0.732198	-1.36575	0.031579	0.790076	-1.2657
cg06713297	EXO1;EXO1;EXO1	0.00592391	0.484714	1.08869	1.08869	0.000334552	0.500354	-1.99858	0.853826	0.97817	-1.02232	0.0656041	1.28054	1.28054	0.343463	1.12389	1.12389
cg22022181	EXO1;EXO1;EXO1	0.0080412	0.797705	1.04117	1.04117	0.000426017	0.416327	-2.40196	0.509184	1.11091	1.11091	0.429338	1.1351	1.1351	0.0894357	0.745179	-1.34196
cg03116938	EXO1;EXO1;EXO1	0.0248953	0.92718	0.961133	-1.04044	0.0478461	0.374878	-2.66753	0.183163	0.541985	-1.84507	0.0171513	0.283732	-3.52445	0.0093637	0.239537	-4.17471
cg17736920	EXO1;EXO1;EXO1	0.0357187	0.0186683	0.449435	-2.22502	0.0257637	0.475764	-2.10188	0.00823164	0.387451	-2.58097	0.198035	0.682741	-1.46469	0.0731585	0.570875	-1.7517
cg20629097	EXO1;EXO1;EXO1;EXO1	0.016447	0.00432716	0.55632	-1.79753	0.0696891	1.36605	1.36605	0.00798767	1.68668	1.68668	0.993348	0.998719	-1.00128	0.295002	1.18174	1.18174
cg12401425	EXO1;EXO1;EXO1;EXO1	0.0210246	0.413296	0.847153	-1.18042	0.794331	0.949507	-1.05318	0.690633	0.923727	-1.08257	0.640464	1.09778	1.09778	0.528645	1.13496	1.13496
cg16121177	EXO1;EXO1;EXO1;EXO1;EXO1	0.0019875	0.00506074	0.521719	-1.91674	0.0160179	1.67791	1.67791	0.00363957	1.99485	1.99485	0.258798	0.813165	-1.22976	0.0351703	0.650039	-1.53837
cg18463607	EXOC1;EXOC1;EXOC1	6.15E-05	0.107797	0.700665	-1.42722	3.25E-05	0.194494	-5.14154	9.02E-05	0.241831	-4.13512	0.000155649	0.269085	-3.7163	3.08E-05	0.192119	-5.20511
cg20618651	EXOC1;EXOC1;EXOC1	0.00049838	0.694967	1.10437	1.10437	2.30E-05	0.118322	-8.4515	0.0018278	0.327706	-3.05152	0.0135844	0.46334	-2.15824	0.00334111	0.36563	-2.735
cg06323052	EXOC1;EXOC1;EXOC1	0.0137685	0.0360385	0.159798	-6.25789	0.00972346	0.0854747	-11.6994	0.0483294	0.183284	-5.45603	0.218567	0.377872	-2.6464	0.023059	0.12954	-7.71963
cg02026377	EXOC1;EXOC1;EXOC1	0.0287749	0.682359	1.04586	1.04586	0.261145	0.880113	-1.13622	0.16689	0.851642	-1.1742	0.00321204	0.645165	-1.54999	0.635792	1.05336	1.05336
cg00623498	EXOC2	1.88E-05	0.00500411	0.516619	-1.93566	1.94E-05	0.214098	-4.67075	1.11E-05	0.189503	-5.27696	0.0526401	0.675861	-1.47959	4.69E-06	0.154851	-6.4578
cg12612527	EXOC2	0.000509487	0.0142531	0.690974	-1.44723	6.55E-06	0.293162	-3.41109	0.00484195	0.633231	-1.5792	0.0154987	0.695519	-1.43778	0.555222	0.929629	-1.0757
cg03107817	EXOC2	0.00272837	0.0204275	0.585429	-1.70815	0.00548009	0.496648	-2.0135	0.017781	0.575656	-1.73715	0.0220394	0.590827	-1.69254	0.000100948	0.266962	-3.74585
cg01870519	EXOC2	0.00526493	0.217629	0.823566	-1.21423	0.0016287	0.508845	-1.96524	0.363233	1.1501	1.1501	0.669922	1.06628	1.06628	0.235982	1.20426	1.20426
cg08185061	EXOC2	0.00546173	0.0150015	2.09351	2.09351	0.0152484	0.4789	-2.08812	0.0277269	0.525743	-1.90207	0.076637	1.62679	1.62679	0.00475011	2.5257	2.5257
cg14374089	EXOC2	0.00620778	0.0122948	0.251093	-3.9826	0.291372	0.615543	-1.62458	0.00503753	0.193188	-5.17631	0.169876	0.523098	-1.91169	0.00119656	0.121953	-8.19991
cg09806625	EXOC2	0.00650646	0.0782122	1.55098	1.55098	0.393924	0.822116	-1.21637	0.150485	1.41296	1.41296	0.963801	1.01023	1.01023	0.000310096	0.269107	-3.716
cg10499102	EXOC2	0.00656417	0.66296	0.945591	-1.05754	0.0596553	0.762508	-1.31146	0.0205221	1.4277	1.4277	0.510535	0.918378	-1.08888	0.0135749	0.677305	-1.47644
cg16786516	EXOC2	0.00660202	0.0116646	0.451869	-2.21303	0.331922	0.777038	-1.28694	0.0621436	0.589059	-1.69762	0.692727	0.904754	-1.10527	0.000228237	0.213667	-4.68018
cg12455309	EXOC2	0.00746046	0.0532058	0.438358	-2.28124	0.00435958	0.239298	-4.17889	0.00338693	0.224022	-4.46385	0.0437852	0.418888	-2.38727	0.255683	0.640482	-1.56132
cg26889659	EXOC2	0.00847848	0.937836	1.03394	1.03394	0.000240396	0.0742293	-13.4718	0.148536	0.51525	-1.9408	0.527686	1.31497	1.31497	0.083817	0.440984	-2.26765
cg17370364	EXOC2	0.011001	0.0616792	0.742624	-1.34658	0.991676	0.998526	-1.00148	0.564627	1.08581	1.08581	0.0253306	1.45629	1.45629	0.000644582	0.476997	-2.09645
cg14791529	EXOC2	0.0115007	0.895392	0.974843	-1.02581	0.000875053	0.380348	-2.62917	0.90702	0.977624	-1.02289	0.121749	1.3839	1.3839	0.0399446	0.631342	-1.58393
cg20949502	EXOC2	0.0156204	0.531205	0.874402	-1.14364	0.0038921	2.27625	2.27625	0.664312	1.0968	1.0968	0.0377724	0.600614	-1.66496	0.0394888	0.604135	-1.65526
cg07558259	EXOC2	0.0162053	0.172643	0.854207	-1.17068	0.0369113	1.301	1.301	0.0946561	1.22072	1.22072	0.113193	1.20582	1.20582	0.461529	1.08479	1.08479
cg24140573	EXOC2	0.0166265	0.362206	0.867217	-1.15311	0.000514451	2.28102	2.28102	0.677331	1.06572	1.06572	0.280236	0.843036	-1.18619	0.54118	1.09866	1.09866
cg08460580	EXOC2	0.0178901	0.859002	0.948231	-1.0546	0.0026689	3.46119	3.46119	0.0192523	2.33135	2.33135	0.138627	1.61057	1.61057	0.0663108	0.540259	-1.85096
cg14101659	EXOC2	0.0183347	0.0837196	0.55721	-1.79466	0.2459	0.690186	-1.44888	0.408835	0.772514	-1.29448	0.0501964	0.505528	-1.97813	0.000437752	0.183126	-5.46071
cg02895588	EXOC2	0.0193353	0.00258257	0.506786	-1.97322	0.0260953	1.53662	1.53662	0.732303	0.945661	-1.05746	0.262461	1.2094	1.2094	0.0175022	0.624646	-1.60091
cg18224503	EXOC2	0.0205891	0.680133	1.07415	1.07415	0.00165482	0.459844	-2.17465	0.500082	0.888597	-1.12537	0.326271	0.839559	-1.1911	0.127239	0.752332	-1.3292
cg12424965	EXOC2	0.0239793	0.176351	1.32261	1.32261	0.111718	0.713945	-1.40067	0.00140675	0.406769	-2.4584	0.267433	1.25198	1.25198	0.765414	0.943455	-1.05993
cg05175353	EXOC2	0.0308976	0.633358	0.855287	-1.1692	0.74432	0.899019	-1.11232	0.0392879	0.460365	-2.17219	0.918257	0.967159	-1.03396	0.0080811	0.331738	-3.01442
cg03730114	EXOC2	0.0326295	0.459897	0.918689	-1.08851	0.0306729	0.751137	-1.33131	0.124441	0.829033	-1.20622	0.0645337	1.2637	1.2637	0.0397725	1.30726	1.30726
cg02631921	EXOC2	0.0333606	0.230762	1.37361	1.37361	0.399271	0.804208	-1.24346	0.177819	1.43559	1.43559	0.259461	1.34588	1.34588	0.00144805	0.312817	-3.19676
cg01095518	EXOC2	0.0391572	0.19255	0.500892	-1.99644	0.361656	0.624974	-1.60007	0.570905	0.750442	-1.33255	0.209571	1.94047	1.94047	0.00163795	0.104267	-9.59072
cg24500898	EXOC2	0.0415919	0.092192	1.63306	1.63306	0.259189	0.732369	-1.36543	0.294667	0.750073	-1.3332	0.02543	2.01946	2.01946	0.0130222	2.25969	2.25969
cg24025508	EXOC2	0.0488086	0.18865	0.677414	-1.4762	0.208956	0.690487	-1.44825	0.00564571	0.36217	-2.76114	0.421761	1.25795	1.25795	0.021605	0.462362	-2.16281
cg02375313	EXOC2;HUS1B	0.0370294	0.0314591	2.19666	2.19666	0.146564	0.615082	-1.6258	0.491082	0.804015	-1.24376	0.452854	1.26936	1.26936	0.0605185	0.516802	-1.93498
cg17751153	EXOC3	0.000167464	0.334133	0.857091	-1.16674	1.38E-05	0.245348	-4.07585	0.0009043	0.463649	-2.1568	0.305233	1.17863	1.17863	0.00313487	0.535129	-1.86871
cg14808378	EXOC3	0.000968512	0.133229	0.683577	-1.46289	0.000288993	0.249349	-4.01044	?	?	?	0.00582568	0.428257	-2.33505	0.000206913	0.232439	-4.30221
cg27595784	EXOC3	0.00133147	0.00346067	0.281392	-3.55376	0.0631157	0.512848	-1.9499	0.018638	0.402083	-2.48705	0.00870678	0.343715	-2.90939	6.93E-05	0.0980682	-10.197
cg13154161	EXOC3	0.00225629	0.00066227	0.301089	-3.32128	0.397678	1.22064	1.22064	0.563642	0.874236	-1.14386	0.00121423	0.336076	-2.97552	0.0137064	0.495721	-2.01726
cg16584290	EXOC3	0.00604436	0.121558	0.627441	-1.59378	0.869223	1.04682	1.04682	0.00468645	0.352101	-2.8401	0.173979	1.49428	1.49428	0.00202822	0.29863	-3.34862
cg11869150	EXOC3	0.00940268	0.156743	0.677487	-1.47604	0.00430487	0.37482	-2.66795	0.0553719	0.5722	-1.74764	0.365324	0.78733	-1.27012	0.000440695	0.240073	-4.16541
cg14122633	EXOC3	0.0102254	0.0409596	0.545023	-1.83479	0.00962333	0.430327	-2.32382	0.720724	0.911777	-1.09676	0.0206088	0.488003	-2.04917	0.00346381	0.360206	-2.77619
cg18430034	EXOC3	0.0119087	0.883333	0.972854	-1.0279	0.0336579	0.628123	-1.59204	0.0241655	0.604204	-1.65507	0.337149	0.830712	-1.20379	0.00143229	0.4214	-2.37304
cg03632309	EXOC3	0.0131199	0.543964	1.16903	1.16903	0.49914	1.19059	1.19059	0.00527691	0.392518	-2.54765	0.842423	1.05191	1.05191	0.000920133	0.283945	-3.5218
cg00077426	EXOC3	0.0141511	0.298852	1.51778	1.51778	0.088314	0.482535	-2.07239	0.0790442	0.46972	-2.12893	0.362236	1.43747	1.43747	0.00118373	0.15837	-6.31434
cg06658637	EXOC3	0.0157261	0.128061	0.658933	-1.5176	0.346311	0.781996	-1.27878	0.345726	0.781749	-1.27918	0.00573749	0.399256	-2.50466	0.00380727	0.371767	-2.68986
cg11690789	EXOC3	0.0288959	0.438375	0.836562	-1.19537	0.455557	0.842331	-1.18718	0.806834	0.946195	-1.05686	0.909086	0.97454	-1.02613	0.00252819	0.388117	-2.57654
cg18134577	EXOC3	0.0290257	0.916427	0.970272	-1.03064	0.764298	0.917176	-1.0903	0.00720019	0.368874	-2.71095	0.919598	0.971389	-1.02945	0.00466483	0.33904	-2.9495
cg05479556	EXOC3	0.0303556	0.0119178	0.173461	-5.76498	0.185451	0.45665	-2.18986	0.159578	0.432142	-2.31405	0.348551	0.583486	-1.71384	0.00248868	0.095702	-10.4491
cg11478249	EXOC3	0.0332221	0.34765	0.742722	-1.3464	0.0639661	0.527083	-1.89723	0.0441824	0.491103	-2.03623	0.252561	0.692394	-1.44427	0.00790085	0.350646	-2.85188
cg17500228	EXOC3	0.0352963	0.018433	0.180613	-5.5367	0.0832933	0.317377	-3.15083	0.157458	0.404584	-2.47168	0.123574	0.36845	-2.71407	0.00250558	0.0810003	-12.3456
cg26088753	EXOC3	0.0390559	0.864227	1.02822	1.02822	0.00886783	0.581763	-1.71891	0.0218423	0.639219	-1.56441	0.552815	0.906968	-1.10257	0.0263202	0.651513	-1.53489
cg16191360	EXOC3	0.0479395	0.310091	1.23641	1.23641	0.112722	1.41742	1.41742	0.00240673	0.425631	-2.34945	0.909227	1.02331	1.02331	0.178438	0.749119	-1.3349
cg19431495	EXOC3	0.0488541	0.352467	0.563584	-1.77436	0.0151326	0.167172	-5.98185	0.155622	0.402296	-2.48573	0.628165	1.33976	1.33976	0.0232855	0.1969	-5.07872
cg26436158	EXOC3;C5orf55	7.99E-05	0.771314	1.01262	1.01262	0.000164236	1.31862	1.31862	0.000101327	1.34512	1.34512	0.263072	1.0515	1.0515	0.0196811	1.12894	1.12894
cg04236329	EXOC3;C5orf55	0.0133091	0.0483359	0.631479	-1.58358	0.311043	0.807704	-1.23808	0.788724	0.946745	-1.05625	0.120406	0.709469	-1.4095	0.223614	0.770649	-1.29761
cg16322479	EXOC3;C5orf55	0.0137805	0.0162122	0.218293	-4.581	0.00234102	0.110982	-9.01048	0.193763	0.49084	-2.03733	0.150409	0.450321	-2.22064	0.0111295	0.192606	-5.19195
cg21151960	EXOC3;C5orf55	0.0164146	0.00823989	0.125706	-7.95504	0.00554378	0.106833	-9.3604	0.270413	0.494496	-2.02226	0.0921622	0.320584	-3.1193	0.0174109	0.169191	-5.91047

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05825073	0.0688203	1.46745	1.46745	0.0413407	0.641999	-1.55764	6.59E-08	30.9913	30.9913	0.0087739	1.87503	1.87503	47.1393	26.4797	0.499318	1
cg18397523	0.702124	1.05379	1.05379	0.0046249	0.598257	-1.67152	1.76E-07	8.95676	8.95676	0.337247	1.14441	1.14441	35.7573	10.5272	0.261696	1
cg27626299	0.963049	1.00863	1.00863	0.392772	0.850178	-1.17622	6.50E-06	6.43807	6.43807	0.0617702	1.47702	1.47702	13.4678	7.33149	0.483887	1
cg25160286	0.730168	0.877619	-1.13945	0.322596	0.680288	-1.46997	2.50E-05	23.512	23.512	0.497174	0.77113	-1.2968	10.2871	23.1611	2.00131	1
cg05589845	0.39555	1.25841	1.25841	0.33093	0.767206	-1.30343	0.000101088	6.17281	6.17281	0.094281	1.62566	1.62566	7.81663	8.63871	0.982373	1
cg10942097	0.0132843	0.739799	-1.35172	9.42E-05	0.504752	-1.98117	1.10E-08	9.48056	9.48056	0.658859	1.04461	1.04461	86.9486	13.2871	0.135836	1
cg07939836	0.0108254	0.644894	-1.55064	0.00120499	0.522063	-1.91548	7.84E-08	11.5205	11.5205	0.0635855	1.33093	1.33093	55.3243	16.4609	0.264475	1
cg06496484	0.0267206	0.624959	-1.60011	3.73E-06	0.144243	-6.93273	3.02E-07	14.6847	14.6847	0.00361889	2.02411	2.02411	53.8728	27.3573	0.45139	1
cg23242052	0.612486	1.06249	1.06249	0.589342	0.937379	-1.0668	1.91E-07	6.60384	6.60384	0.0395384	1.32647	1.32647	31.2863	6.97736	0.198237	1
cg23880668	0.617214	0.907162	-1.10234	0.372409	1.19371	1.19371	1.81E-06	9.97451	9.97451	0.309461	0.815973	-1.22553	20.9249	12.3906	0.526351	1
cg01658421	0.559147	0.86054	-1.16206	0.00864767	0.426915	-2.34239	1.86E-06	20.3673	20.3673	0.181688	1.43404	1.43404	20.2501	20.7362	0.910224	1
cg05467160	0.0428806	0.569671	-1.7554	0.12417	0.668983	-1.49481	9.86E-06	9.91184	9.91184	0.0408343	1.76832	1.76832	17.0803	15.771	0.820753	1
cg27213509	0.215167	0.739301	-1.35263	0.414463	0.824377	-1.21304	1.05E-05	8.86345	8.86345	0.0554474	1.65297	1.65297	13.9886	11.8745	0.754548	1
cg07411620	0.105055	0.444752	-2.24844	0.529121	0.747016	-1.33866	1.63E-05	58.0897	58.0897	0.529571	1.33822	1.33822	13.3241	44.1603	2.94605	1
cg11359133	0.147867	0.467305	-2.13993	0.354323	0.626911	-1.59512	6.51E-05	36.3534	36.3534	0.329461	0.610686	-1.6375	12.8648	48.9247	3.38044	1
cg24683680	0.469902	0.802071	-1.24677	0.0427983	0.496829	-2.01277	4.07E-05	10.4785	10.4785	0.090214	1.75097	1.75097	9.35849	13.3403	1.26709	1
cg08431899	0.943114	1.0115	1.0115	0.0210852	0.64122	-1.55953	5.82E-05	3.29777	3.29777	0.495968	1.11711	1.11711	8.95576	3.63998	0.36128	1
cg01720455	0.381175	0.830459	-1.20415	0.0770813	0.665932	-1.50165	6.94E-05	4.49589	4.49589	0.610972	0.899331	-1.11194	8.91155	6.03758	0.602223	1
cg14715696	0.396192	0.697519	-1.43365	0.581479	0.793882	-1.25963	3.55E-05	27.3249	27.3249	0.601089	1.24447	1.24447	8.56029	23.3039	2.41985	1
cg15133351	0.671314	0.716658	-1.39537	0.0694332	0.20491	-4.8802	0.000518831	68.4181	68.4181	0.945515	1.05479	1.05479	6.41363	61.8823	8.5765	1
cg14085358	0.0244736	0.393106	-2.54384	0.149401	0.583622	-1.71344	0.00104369	5.42248	5.42248	0.61899	1.19081	1.19081	5.78297	11.1146	1.7084	1
cg27116912	0.342321	0.791376	-1.26362	0.708056	0.913965	-1.09413	0.000557942	3.59798	3.59798	0.550195	1.15554	1.15554	4.86308	4.40512	0.805181	1
cg14118515	?	?	?	0.684528	1.6849	1.6849	0.00245095	292.539	292.539	0.808683	1.36295	1.36295	4.25494	83.5617	19.6388	1
cg21715488	0.219009	0.472302	-2.11729	0.701446	0.799696	-1.25048	0.00177011	13.2447	13.2447	0.733954	1.21891	1.21891	3.57555	19.0683	4.74041	1
cg25027832	0.0557238	0.683268	-1.46355	0.00415301	0.509127	-1.96414	0.000210297	2.97125	2.97125	0.721574	0.939067	-1.06489	9.41753	4.60425	0.43458	1
cg12074182	0.346301	0.728395	-1.37288	0.153131	0.6066	-1.64853	0.0052088	3.33568	3.33568	0.467401	1.27332	1.27332	5.02053	8.48991	1.50314	1
cg11703808	0.219466	0.746861	-1.33894	0.19784	0.73517	-1.36023	0.00633916	2.23291	2.23291	0.0944901	0.660036	-1.51507	6.48435	5.24688	0.719253	1
cg24351767	0.222028	1.42882	1.42882	0.137197	1.56068	1.56068	0.0201963	2.17897	2.17897	0.621119	1.14858	1.14858	4.74459	5.80925	1.08835	1
cg11942221	0.0229808	0.444619	-2.24912	0.000492835	0.196683	-5.08433	0.245717	1.43594	1.43594	0.148498	0.630113	-1.58702	7.62421	10.7243	1.25032	1
cg02357416	0.254035	0.781481	-1.27962	0.168259	1.35521	1.35521	0.0140913	1.87253	1.87253	0.0618829	1.54536	1.54536	5.18918	3.52187	0.603284	1
cg02723302	0.312083	0.852713	-1.17273	0.549594	1.09664	1.09664	0.364273	0.867576	-1.15264	0.0412385	1.43158	1.43158	7.89263	2.90201	0.326832	1
cg20359783	0.625915	1.14862	1.14862	0.500318	1.21282	1.21282	0.206159	1.45659	1.45659	0.403956	0.785951	-1.27234	20.155	25.3919	1.11985	1
cg02226779	0.841454	1.02482	1.02482	0.00227718	1.68595	1.68595	0.154419	0.8298	-1.20511	0.299681	1.14059	1.14059	8.08178	1.91735	0.210883	1
cg19069963	0.766252	1.05028	1.05028	0.000799852	0.434745	-2.3002	0.95957	1.00838	1.00838	0.608169	0.918427	-1.08882	8.59523	3.68612	0.381206	1
cg21948665	0.5005	0.859995	-1.1628	0.00979533	0.486612	-2.05503	0.583453	1.12991	1.12991	0.534128	0.870333	-1.14899	5.04922	3.89031	0.68487	1
cg18694192	1.26E-05	0.363881	-2.74815	0.0424366	1.29312	1.29312	0.978416	1.00298	1.00298	0.0166441	0.724973	-1.37936	44.5126	8.53008	0.17034	1
cg00925766	0.220417	0.804958	-1.2423	2.64E-06	0.148685	-6.72563	0.322772	1.18768	1.18768	0.000913072	0.433944	-2.30444	40.5373	18.2073	0.399243	1
cg06413842	0.0564882	0.616541	-1.62195	0.646201	1.10907	1.10907	0.791375	0.942349	-1.06118	0.0031929	0.405879	-2.46379	25.3023	20.1029	0.706229	1
cg11826201	9.81E-05	0.393595	-2.54068	0.0157249	1.49016	1.49016	0.278395	0.859089	-1.16402	0.0238579	0.695355	-1.43811	19.235	5.53199	0.255644	1
cg13588946	0.662113	1.07632	1.07632	0.00359345	0.517133	-1.93374	0.0120037	1.68892	1.68892	0.0322064	0.657336	-1.52129	12.5875	5.57682	0.393817	1
cg05300132	0.23642	0.891365	-1.12188	0.00765589	1.37406	1.37406	0.0787294	1.19841	1.19841	0.0978133	0.845044	-1.18337	5.74386	0.781703	0.120972	1
cg14589553	0.00370854	0.332571	-3.00688	0.0671961	0.562152	-1.77888	0.0543873	0.541774	-1.84579	0.00369884	0.3324	-3.00842	18.703	23.3534	1.10991	1
cg21169053	0.870995	1.04221	1.04221	0.664251	0.894846	-1.11751	0.00248856	2.91361	2.91361	0.95958	1.01298	1.01298	13.2113	13.5421	0.911143	1
cg13942186	0.13545	0.510695	-1.95811	0.000352674	0.090974	-10.9922	0.153993	0.528701	-1.89143	0.00129058	0.141083	-7.08801	11.3758	31.4194	2.45507	1
cg13606629	0.000702138	0.431465	-2.31769	0.00068887	2.3235	2.3235	0.706245	1.06354	1.06354	0.342414	0.852872	-1.17251	9.83459	4.12295	0.372648	1
cg14004197	0.00258878	0.412075	-2.42674	0.00623129	0.469028	-2.13207	0.298503	1.25712	1.25712	0.132862	0.708703	-1.41103	9.38203	6.69964	0.634749	1
cg21251970	0.0514179	2.25841	2.25841	0.000110323	12.1792	12.1792	0.00169547	5.19288	5.19288	0.320606	1.45788	1.45788	9.14517	19.545	1.89972	1
cg13835073	0.0786901	1.40585	1.40585	0.0107275	1.74946	1.74946	0.401331	0.860846	-1.16165	0.983164	1.00369	1.00369	7.94612	3.82928	0.428361	1
cg13830835	0.342551	1.22316	1.22316	0.000339865	0.304511	-3.28395	0.0853166	0.675813	-1.4797	0.0422363	1.61929	1.61929	7.91633	5.32004	0.597364	1
cg07001576	0.701952	0.928074	-1.0775	0.0322866	1.62689	1.62689	0.246841	0.790509	-1.26501	0.00549833	2.03107	2.03107	6.56538	3.91859	0.53054	1
cg21210721	0.143542	1.38578	1.38578	0.536268	0.878091	-1.13883	0.000388639	3.2359	3.2359	0.675593	1.0913	1.0913	6.53485	4.45977	0.606631	1
cg06323727	0.332955	0.767796	-1.30243	0.0197512	2.10609	2.10609	0.236244	1.38869	1.38869	0.195511	1.43648	1.43648	5.50343	6.10106	0.985415	1
cg24954168	0.0345395	1.95663	1.95663	0.071116	1.73148	1.73148	0.631501	1.14064	1.14064	0.882733	0.960604	-1.04101	5.35746	6.29176	1.04391	1
cg14433392	0.844625	0.964696	-1.0366	0.209384	1.27425	1.27425	0.469613	1.14426	1.14426	0.562635	1.11318	1.11318	5.30173	2.81752	0.472385	1
cg21242417	0.0261931	1.71513	1.71513	0.00304412	2.29408	2.29408	0.0166037	1.81911	1.81911	0.320694	1.23351	1.23351	5.25366	3.48088	0.588946	1
cg21174917	0.0271164	0.532092	-1.87937	0.0966826	1.55245	1.55245	0.893862	0.968317	-1.03272	0.345574	0.791131	-1.26401	4.79223	4.41512	0.81894	1
cg14502669	0.487581	0.823152	-1.21484	0.440037	0.80469	-1.24271	0.0549944	0.548566	-1.82293	0.237462	0.710696	-1.40707	4.78636	5.77238	1.07201	1
cg13468625	0.570013	0.871975	-1.14682	0.0256811	1.88211	1.88211	0.8305	1.05249	1.05249	0.969491	0.990915	-1.00917	4.60573	4.15402	0.80171	1
cg26787801	0.558081	1.16925	1.16925	0.0153562	2.1933	2.1933	0.00298592	2.93083	2.93083	0.724375	1.09797	1.09797	4.3625	4.81485	0.981059	1
cg03345699	0.0265547	1.33996	1.33996	0.00314347	1.56728	1.56728	0.130352	0.833723	-1.19944	0.249937	0.874739	-1.1432	4.36086	0.8557	0.17442	1
cg11619782	0.0567634	1.36987	1.36987	0.00380512	1.76764	1.76764	0.219078	0.82808	-1.20761	0.561058	1.08957	1.08957	4.08286	1.3775	0.299899	1
cg06054715	0.511593	0.825767	-1.211	0.209622	1.46266	1.46266	0.627509	1.15098	1.15098	0.421472	1.26637	1.26637	4.02521	5.27204	1.16422	1
cg01549377	0.219689	0.534948	-1.86934	0.0165866	0.242122	-4.13016	0.0305077	0.291618	-3.42914	0.351569	0.628323	-1.59154	3.90632	14.5359	3.30767	1
cg14369518	0.0303029	1.46482	1.46482	0.188387	1.23235	1.23235	0.133172	0.784387	-1.27488	0.395995	0.877829	-1.13917	3.90142	1.3885	0.316352	1
cg14495958	0.0507858	0.509784	-1.96162	0.61767	0.858677	-1.16458	0.00624598	0.339927	-2.94181	0.808997	1.07607	1.07607	3.80613	5.52573	1.29049	1
cg14328601	0.11269	2.47183	2.47183	0.000943944	13.2564	13.2564	0.461082	1.48182	1.48182	0.0748104	2.82927	2.82927	3.78234	16.4541	3.86689	1
cg13985979	0.115593	0.678443	-1.47396	0.456106	1.18786	1.18786	0.182644	1.37817	1.37817	0.3293	0.795852	-1.25651	3.64081	2.96613	0.724167	1
cg23928763	0.527006	1.23634	1.23634	0.102026	1.80828	1.80828	0.0067431	3.19836	3.19836	0.695922	1.13884	1.13884	3.50229	6.07703	1.54237	1
cg13425962	0.456552	0.797406	-1.25407	0.00442246	3.10866	3.10866	0.124708	1.64257	1.64257	0.746623	1.10163	1.10163	3.39565	4.79404	1.25495	1
cg25397718	0.356969	1.11574	1.11574	9.37E-05	0.446988	-2.23719	0.717629	0.958888	-1.04287	0.0903489	1.24077	1.24077	8.51505	1.80214	0.188126	1
cg04837071	0.0317407	3.30225	3.30225	0.178976	1.96882	1.96882	0.00896341	4.84125	4.84125	0.150603	2.07723	2.07723	3.81331	13.5979	3.16969	1
cg07639959	0.0683987	1.29393	1.29393	0.0488286	1.32862	1.32862	0.407996	1.11281	1.11281	0.578684	1.07342	1.07342	9.60531	2.42659	0.22456	1
cg04158730	0.000816168	0.624511	-1.60125	0.000504007	0.602091	-1.66088	0.212895	1.1302	1.1302	0.603087	0.952236	-1.05016	8.35874	1.15232	0.122541	1
cg24741598	0.0106127	0.740547	-1.35035	0.0181542	0.764798	-1.30753	0.00120505	0.641944	-1.55777	0.112976	0.851079	-1.17498	7.51792	1.04032	0.123003	1
cg06713297	0.302107	1.13648	1.13648	0.123806	0.819163	-1.22076	0.167091	1.19276	1.19276	0.0204681	1.39685	1.39685	6.96654	1.58024	0.201629	1
cg22022181	0.300551	0.844936	-1.18352	0.00874792	1.68976	1.68976	0.562029	1.09646	1.09646	0.511917	0.900792	-1.11013	6.3339	2.47481	0.347311	1
cg03116938	0.760876	1.14154	1.14154	0.0698002	2.40932	2.40932	0.0684231	2.42233	2.42233	0.403932	0.690473	-1.44828	4.3636	12.9979	2.64774	1
cg17736920	0.055946	0.544757	-1.83568	0.755464	0.91609	-1.0916	0.974527	0.991083	-1.009	0.189786	1.47638	1.47638	3.83875	4.7844	1.10786	1
cg20629097	0.572919	1.09154	1.09154	0.0971518	0.755835	-1.32304	0.215233	0.818257	-1.22211	0.227622	1.21499	1.21499	5.02467	1.88145	0.332838	1
cg12401425	0.405886	0.844812	-1.18369	0.00028577	0.30888	-3.2375	0.289415	0.804058	-1.24369	0.215457	0.772155	-1.29508	4.62518	2.88117	0.553717	1
cg16121177	0.128238	0.749283	-1.33461	0.00396647	0.50659	-1.97398	0.00376502	0.503376	-1.98659	0.142654	0.75835	-1.31865	9.65953	4.71426	0.433815	1
cg18463607	0.942163	0.985399	-1.01482	5.80E-05	0.220767	-4.52966	0.649597	0.911452	-1.09715	0.388016	0.835818	-1.19643	25.2012	16.4005	0.578473	1
cg20618651	0.00121839	0.303468	-3.29524	0.00197101	0.332324	-3.00911	0.0178127	0.483985	-2.06618	0.336768	0.779194	-1.28338	14.3034	14.3763	0.893421	1
cg06323052	0.149716	0.313017	-3.19472	0.00108497	0.0265962	-37.5994	0.00838745	0.0794559	-12.5856	0.0723715	0.221373	-4.51726	5.32899	47.733	7.96198	1
cg02026377	0.0125053	1.40296	1.40296	0.527719	0.932653	-1.07221	0.13183	0.837571	-1.19393	0.89317	1.01475	1.01475	4.14764	0.780061	0.167176	1
cg00623498	0.00593396	0.527353	-1.89626	0.00259516	2.1004	2.1004	0.276091	0.817532	-1.22319	0.200769	1.27162	1.27162	34.4218	17.2389	0.445168	1
cg12612527	0.0862413	0.793119	-1.26084	0.522372	1.08251	1.08251	0.434548	0.907102	-1.10241	0.131096	0.819273	-1.2206	14.2162	3.36674	0.210511	1
cg03107817	0.0714806	0.679965	-1.47066	0.00252005	0.447631	-2.23398	0.171711	0.75668	-1.32156	0.0489693	0.650001	-1.53846	8.80217	5.11925	0.516968	1
cg01870519	0.233144	0.82936	-1.20575	0.000279252	0.410821	-2.43415	0.470804	0.896016	-1.11605	0.299476	0.851349	-1.17461	7.22366	2.56259	0.315333	1
cg08185061	0.780073	1.07161	1.07161	0.0125963	2.15238	2.15238	0.244002	1.35146	1.35146	0.128868	0.666636	-1.50007	7.14285	6.90692	0.859529	1
cg14374089	0.0186567	0.282593	-3.53865	0.00170645	0.137331	-7.28166	0.12864	0.482937	-2.07066	0.00992733	0.236099	-4.2355	6.86654	21.3624	2.76541	1
cg09806625	0.79082	0.942113	-1.06144	0.328805	0.797659	-1.25367	0.0884292	1.52445	1.52445	0.0243801	0.547861	-1.82528	6.76729	5.39254	0.708314	1
cg10499102	0.00107552	0.540029	-1.85175	0.061636	1.30807	1.30807	0.214793	1.18127	1.18127	0.455997	1.1017	1.1017	6.74876	1.73954	0.229117	1
cg16786516	0.00956235	0.437372	-2.28638	0.584221	0.869994	-1.14943	0.820891	1.05881	1.05881	0.0229609	0.503807	-1.98489	6.73672	6.77638	0.894122	1
cg12455309	0.137751	0.548745	-1.82234	0.00110463	0.164367	-6.08394	0.547909	1.25647	1.25647	0.0153169	0.327022	-3.0579	6.48474	14.4792	1.98472	1
cg26889659	0.0510826	0.386457	-2.58761	0.0167044	0.286452	-3.49099	0.0478247	0.379749	-2.63332	0.988236	1.00633	1.00633	6.22901	18.0649	2.57789	1
cg17370364	0.323174	1.1552	1.1552	0.482244	0.903953	-1.10625	0.171273	1.22869	1.22869	0.259045	0.846637	-1.18114	5.73234	1.81481	0.281414	1
cg14791529	0.0487922	0.646721	-1.54626	0.035496	1.60662	1.60662	0.613218	0.905991	-1.10376	0.267278	0.799442	-1.25087	5.65075	3.35733	0.528124	1
cg20949502	0.598403	1.11903	1.11903	0.362939	1.21879	1.21879	0.0132191	1.91532	1.91532	0.255741	0.777983	-1.28537	5.11161	3.62482	0.630342	1
cg07558259	0.0340922	1.30801	1.30801	0.000732048	1.74593	1.74593	0.12211	1.19952	1.19952	0.109859	1.20831	1.20831	5.04952	0.942703	0.165948	1
cg24140573	0.951526	0.990795	-1.00929	0.0595198	0.723593	-1.38199	0.203754	1.22636	1.22636	0.643016	0.931461	-1.07358	5.00651	1.83482	0.325766	1
cg08460580	0.130179	1.63014	1.63014	0.225734	0.683648	-1.46274	0.0409191	2.0246	2.0246	0.435634	1.26842	1.26842	4.88517	6.91444	1.25813	1
cg14101659	0.0582863	0.520068	-1.92282	0.0560149	0.516159	-1.93739	0.315006	0.728004	-1.37362	0.0341644	0.469912	-2.12806	4.84499	7.16333	1.31422	1
cg02895588	0.159517	0.783014	-1.27712	0.157959	0.782199	-1.27845	0.950648	0.989979	-1.01012	0.570963	0.911031	-1.09766	4.75881	1.99563	0.372759	1
cg18224503	0.959178	0.991207	-1.00887	0.00829276	1.79026	1.79026	0.53282	0.896729	-1.11516	0.763933	1.05334	1.05334	4.65833	2.19653	0.419135	1
cg12424965	0.200909	0.768927	-1.30051	0.784938	1.05465	1.05465	0.600035	0.902201	-1.1084	0.064769	1.49703	1.49703	4.42072	2.64921	0.532685	1
cg05175353	0.0287267	0.432061	-2.31449	0.00812846	0.332155	-3.01064	0.619367	0.849684	-1.17691	0.013028	0.367114	-2.72395	4.0442	6.77712	1.48957	1
cg03730114	0.0152205	1.39931	1.39931	0.139312	1.19641	1.19641	0.696526	1.04517	1.04517	0.646515	1.05342	1.05342	3.9661	0.797975	0.178844	1
cg02631921	0.651356	0.891487	-1.12172	0.15427	1.46972	1.46972	0.579398	0.868168	-1.15185	0.586694	0.870572	-1.14867	3.93465	3.97322	0.897602	1
cg01095518	0.732606	1.18758	1.18758	0.131831	2.26	2.26	0.838227	1.10791	1.10791	0.207911	0.513958	-1.94569	3.7121	14.7734	3.53761	1
cg24500898	0.0669048	0.58071	-1.72203	0.437225	0.810829	-1.23331	0.949487	1.01691	1.01691	0.52113	0.841911	-1.18777	3.63044	4.02568	0.985662	1
cg24025508	0.0417197	0.518697	-1.92791	0.0741642	0.573258	-1.74442	0.688982	1.11908	1.11908	0.440992	0.802742	-1.24573	3.41929	4.23453	1.10082	1
cg02375313	0.348685	1.35108	1.35108	0.0921728	1.78272	1.78272	0.00827667	2.86635	2.86635	0.830505	0.93533	-1.06914	3.78877	5.83692	1.36941	1
cg17751153	0.000165565	0.370243	-2.70093	0.0144803	0.627253	-1.59425	0.450038	1.12654	1.12654	0.000703801	0.449544	-2.22448	19.2755	7.31631	0.337391	1
cg14808378	0.00212573	0.362745	-2.75676	0.382584	0.810342	-1.23405	0.210229	1.36356	1.36356	0.167272	0.707689	-1.41305	12.1557	9.43907	0.776516	1
cg27595784	0.0117292	0.365748	-2.73412	0.0457029	2.0789	2.0789	0.314872	0.717478	-1.39377	0.0458695	0.481371	-2.0774	10.8445	17.5282	1.43673	1
cg13154161	0.00123206	0.33694	-2.96789	0.0872083	1.54462	1.54462	0.369009	0.808627	-1.23666	0.246916	0.756732	-1.32147	9.30818	7.81409	0.74621	1
cg16584290	0.0346814	0.504699	-1.98138	0.00127596	0.271252	-3.68661	0.907864	0.968361	-1.03267	0.11952	0.625564	-1.59856	6.92339	8.45571	1.08562	1
cg11869150	0.465008	1.21064	1.21064	0.354163	1.27768	1.27768	0.892285	0.965771	-1.03544	0.249214	0.733745	-1.36287	6.02793	6.30883	0.930311	1
cg14122633	0.00136682	0.302587	-3.30484	0.0883244	0.616418	-1.62227	0.434379	0.814465	-1.2278	0.0185345	0.47965	-2.08485	5.8686	6.15286	0.931946	1
cg18430034	0.00361539	0.477972	-2.09217	0.362434	1.19178	1.19178	0.479871	1.1441	1.1441	0.769821	0.946491	-1.05653	5.58732	3.10864	0.494555	1
cg03632309	0.0713107	0.599192	-1.66891	0.940331	0.981145	-1.01922	0.31163	1.30494	1.30494	0.153609	0.678093	-1.47472	5.41389	5.54355	0.910178	1
cg00077426	0.0197921	0.336084	-2.97544	0.0502057	0.421015	-2.37521	0.276007	1.5513	1.5513	0.208322	0.598095	-1.67198	5.28121	12.5591	2.11384	1
cg06658637	0.00171893	0.321609	-3.10936	0.830395	1.05589	1.05589	0.568865	0.864158	-1.1572	0.133545	0.663442	-1.50729	5.10018	5.19297	0.905061	1
cg11690789	0.00225234	0.380871	-2.62556	0.380326	0.816141	-1.22528	0.874268	1.0364	1.0364	0.140367	0.698999	-1.43062	4.14149	3.34324	0.717559	1
cg18134577	0.0152058	0.424346	-2.35657	0.158034	0.647952	-1.54332	0.358789	1.31166	1.31166	0.170233	0.65708	-1.52189	4.13493	5.41332	1.1637	1
cg05479556	0.0334343	0.249747	-4.00406	0.104453	0.371297	-2.69326	0.0155599	0.190872	-5.2391	0.159935	0.432495	-2.31217	4.06975	20.0857	4.38699	1
cg11478249	0.00924931	0.362028	-2.76222	0.176106	1.55646	1.55646	0.266997	0.70068	-1.42719	0.0533669	0.509141	-1.96409	3.94054	5.90455	1.33192	1
cg17500228	0.0183965	0.180478	-5.54085	0.120534	0.36496	-2.74003	0.0558512	0.273413	-3.65747	0.236607	0.476018	-2.10076	3.85534	21.8792	5.04447	1
cg26088753	0.0215303	0.638278	-1.56672	0.396656	1.1516	1.1516	0.701129	1.06472	1.06472	0.216785	0.809488	-1.23535	3.71563	1.55635	0.372325	1
cg16191360	0.225951	1.29293	1.29293	0.5539	0.886052	-1.1286	0.618095	0.903434	-1.10689	0.454493	0.857331	-1.16641	3.44261	2.2258	0.574707	1
cg19431495	0.222979	0.464195	-2.15427	0.00606113	0.116713	-8.56806	0.127329	0.372254	-2.68634	0.0952651	0.333367	-2.9997	3.41808	19.4445	5.05665	1
cg26436158	0.000184295	0.761866	-1.31257	0.0470563	0.906807	-1.10277	0.45228	0.967577	-1.03351	9.85E-05	1.34674	1.34674	23.5084	0.689806	0.0260826	1
cg04236329	0.321485	0.811641	-1.23207	0.000383633	0.315084	-3.17375	0.0520875	0.63748	-1.56868	0.00711644	0.492446	-2.03068	5.38859	3.54316	0.58447	1
cg16322479	0.0585404	0.330856	-3.02246	0.0265271	0.2564	-3.90016	0.0034732	0.128354	-7.79098	0.0535234	0.32146	-3.1108	5.32747	22.6009	3.77096	1
cg21151960	0.160951	0.398955	-2.50655	0.010931	0.140831	-7.10072	0.00465236	0.0992764	-10.0729	0.0610531	0.273769	-3.65271	5.02798	29.9895	5.3018	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23239828	EXOC3;C5orf55	0.0317841	0.860449	0.963788	-1.03757	0.486725	1.15966	1.15966	0.464762	1.16877	1.16877	0.104132	1.45124	1.45124	0.0543973	0.632857	-1.58014	0.525101	0.87373	-1.14452	0.00445714	0.451528	-2.2147	0.0282425	1.72114	1.72114	0.964856	0.990807	-1.00928	4.00356	2.78578	0.618513	1
cg21142272	EXOC3L	0.00228752	0.00154401	0.505319	-1.97895	0.003796	0.556993	-1.79536	0.0610936	0.728821	-1.37208	0.0103081	0.616032	-1.62329	0.00321561	0.547367	-1.82693	0.00691676	0.592206	-1.6886	0.000245666	0.403356	-2.4792	0.113155	0.772285	-1.29486	0.0163789	0.644198	-1.55232	9.27077	3.2982	0.316235	1
cg09663494	EXOC3L	0.0104595	0.0219975	1.54382	1.54382	0.768356	0.954388	-1.04779	0.0731117	0.729105	-1.37155	0.599843	1.08728	1.08728	0.0510401	1.42087	1.42087	0.304641	1.18298	1.18298	0.421485	0.87827	-1.1386	0.0345457	1.47641	1.47641	0.00179679	0.495583	-2.01783	5.82616	2.30551	0.351748	1
cg06479902	EXOC3L2	2.83E-05	1.07E-05	0.168596	-5.93133	0.00197754	0.437029	-2.28818	0.000234194	0.314921	-3.17539	0.0141726	0.563718	-1.77394	4.72E-06	0.137359	-7.28018	7.87E-05	0.258702	-3.86545	0.530958	1.12772	1.12772	0.432187	1.16395	1.16395	0.405905	1.17473	1.17473	30.9143	17.562	0.504964	1
cg25277100	EXOC3L2	4.01E-05	0.0016266	0.666259	-1.50092	?	?	?	7.86E-06	0.414492	-2.41259	0.00177804	0.670237	-1.49201	0.000226984	0.576253	-1.73535	2.68E-05	0.474252	-2.10858	3.09E-05	0.481164	-2.07829	0.0790811	0.839164	-1.19166	0.00791598	0.736163	-1.3584	28.9609	3.29773	0.113868	1
cg15220697	EXOC3L2	0.000389673	0.00301014	0.464313	-2.15372	0.922807	0.981886	-1.01845	0.422621	0.856853	-1.16706	0.566536	0.896483	-1.11547	0.000273054	0.324698	-3.07978	0.730838	1.0673	1.0673	1.03E-05	0.168331	-5.94066	0.1072	0.717735	-1.39327	0.508977	0.881293	-1.1347	15.3102	8.62615	0.500823	1
cg03316237	EXOC3L2	0.000585568	0.846542	1.05217	1.05217	0.000196378	0.19337	-5.17142	0.012851	0.444473	-2.24986	0.545547	1.17416	1.17416	0.000185769	0.190799	-5.24111	0.00104778	0.280015	-3.57124	0.000800815	0.264911	-3.77485	0.00706472	0.401022	-2.49363	0.454273	0.818682	-1.22148	13.6764	14.9209	0.969775	1
cg07362278	EXOC3L2	0.000697379	0.406066	0.837939	-1.1934	0.000941494	0.358366	-2.79044	0.000285583	0.291615	-3.42917	0.258817	0.782652	-1.27771	0.0494171	0.627233	-1.5943	0.172326	0.739217	-1.35278	9.37E-05	0.234819	-4.25859	0.00051378	0.32373	-3.08899	0.0124291	0.523547	-1.91005	13.0246	8.92565	0.609147	1
cg08241368	EXOC3L2	0.000892879	0.757267	1.06753	1.06753	0.105888	0.689151	-1.45106	0.00113113	0.364278	-2.74516	0.0188129	0.548852	-1.82198	6.02E-05	0.209576	-4.77154	0.200449	0.751967	-1.32984	0.274994	0.787096	-1.27049	0.000524067	0.319998	-3.12502	0.303231	1.25205	1.25205	12.1499	8.55014	0.625527	1
cg12478440	EXOC3L2	0.025023	0.00522928	0.0667381	-14.9839	0.0181564	0.121507	-8.22998	0.017853	0.120556	-8.29489	0.968523	0.971422	-1.02942	0.0130216	0.10395	-9.62002	0.145559	0.317191	-3.15267	0.0134247	0.105459	-9.48237	0.491759	0.598644	-1.67044	0.424406	0.549123	-1.82108	4.35584	37.2462	7.60077	1
cg04802221	EXOC3L;EXOC3L	0.0165302	0.530702	1.14479	1.14479	0.00376231	0.434871	-2.29953	0.00568538	0.461926	-2.16485	0.230196	1.3074	1.3074	0.539075	1.14158	1.14158	0.211245	0.755447	-1.32372	0.219067	0.75941	-1.31681	0.699389	0.920702	-1.08613	0.00925122	0.494942	-2.02044	5.01622	3.60186	0.63826	1
cg00148025	EXOC4	0.000211208	6.67E-05	0.230225	-4.34357	0.000442533	0.327963	-3.04913	0.329512	0.816885	-1.22416	0.0173549	1.79017	1.79017	0.645616	0.911133	-1.09753	0.00813259	1.97573	1.97573	0.673983	1.08876	1.08876	0.293237	0.803209	-1.24501	0.000129728	0.262824	-3.80483	18.1014	11.581	0.568696	1
cg06232845	EXOC4	0.000769175	0.0263756	1.91663	1.91663	0.00147381	3.10733	3.10733	0.0537303	1.71797	1.71797	0.00204214	2.92694	2.92694	0.000736995	0.281739	-3.54939	0.605193	0.879119	-1.1375	0.00512996	0.401163	-2.49275	0.0236232	1.94965	1.94965	0.406895	1.23319	1.23319	12.6714	12.249	0.859259	1
cg13616215	EXOC4	0.000830197	0.00570656	2.54867	2.54867	0.00193109	3.10364	3.10364	0.00444109	2.66373	2.66373	0.00999771	2.31505	2.31505	0.00297581	0.349255	-2.86324	0.0102202	2.30648	2.30648	0.00156133	3.23261	3.23261	0.00139628	3.30353	3.30353	0.186708	1.43514	1.43514	12.402	13.0849	0.937836	1
cg18217874	EXOC4	0.00121334	0.00560101	0.447724	-2.23352	0.0672479	1.57314	1.57314	0.194211	0.738286	-1.35449	0.0904814	0.662268	-1.50996	0.0010559	0.342969	-2.91571	0.404472	0.828244	-1.20737	0.000103467	0.219333	-4.55927	0.146275	1.41133	1.41133	0.0244185	0.552984	-1.80837	11.1366	8.6082	0.68708	1
cg17362299	EXOC4	0.00187779	0.0715874	0.737485	-1.35596	0.715015	0.946009	-1.05707	0.00448726	0.563579	-1.77438	0.385018	0.87389	-1.14431	0.912159	0.983437	-1.01684	0.0224532	1.51265	1.51265	0.00197974	0.516133	-1.93749	0.696926	0.942481	-1.06103	0.000150371	0.37341	-2.67802	9.82042	3.56302	0.322504	1
cg25467879	EXOC4	0.00974096	0.133051	0.517496	-1.93238	0.0364473	2.68679	2.68679	0.0645422	2.3257	2.3257	0.0789743	0.452546	-2.20972	0.00249437	0.181234	-5.51774	0.314771	0.655376	-1.52584	0.111852	2.02142	2.02142	0.0448874	2.54908	2.54908	0.202394	0.578643	-1.72818	5.96039	15.5972	2.32605	1
cg22702741	EXOC4	0.0125388	0.0042203	0.229968	-4.34843	0.00779382	0.269651	-3.70849	0.00827516	0.273784	-3.65251	0.0356066	0.391242	-2.55596	0.00525585	0.243632	-4.10456	0.03847	0.398531	-2.50921	0.154684	0.557434	-1.79394	0.0234531	0.353965	-2.82514	0.0305642	0.377216	-2.651	5.49449	12.8089	2.07219	1
cg14805382	EXOC4	0.0133184	0.252851	0.679994	-1.4706	0.000463534	0.16887	-5.92173	0.0536691	0.492848	-2.02902	0.474249	1.26492	1.26492	0.432493	0.772073	-1.29521	0.51063	0.806154	-1.24046	0.0452724	2.09944	2.09944	0.326665	0.721081	-1.38681	0.217489	0.657724	-1.5204	5.38736	8.8975	1.46805	1
cg02347763	EXOC4	0.0194883	0.588505	0.900402	-1.11061	0.0448921	0.642652	-1.55605	0.00826408	0.522721	-1.91307	0.167131	0.753615	-1.32694	0.0036161	0.469317	-2.13076	0.851766	1.03658	1.03658	0.113354	0.718248	-1.39228	0.0689232	1.47842	1.47842	0.0792527	0.687817	-1.45388	4.74612	2.77316	0.519377	1
cg17564498	EXOC4	0.0203168	0.512994	0.790562	-1.26492	0.932541	0.970456	-1.03044	0.0189589	0.365525	-2.73579	0.121876	0.55213	-1.81117	0.0813005	0.504337	-1.9828	0.00411504	3.90889	3.90889	0.720781	0.880619	-1.13556	0.36015	1.3955	1.3955	0.0325437	0.412185	-2.4261	4.67949	9.29942	1.76647	1
cg22002101	EXOC4	0.0223263	0.163005	0.818309	-1.22203	0.0179495	1.47293	1.47293	0.769489	1.04036	1.04036	0.985609	0.997574	-1.00243	0.832786	0.971932	-1.02888	0.037988	1.38257	1.38257	0.00123124	1.88954	1.88954	0.762796	1.0416	1.0416	0.29811	1.15631	1.15631	4.53098	1.30119	0.255269	1
cg27451118	EXOC4	0.0267401	0.0484297	0.429018	-2.33091	0.209683	0.608847	-1.64245	0.0223744	0.358062	-2.79281	0.852721	1.07224	1.07224	0.00930419	0.28989	-3.44958	0.0188255	0.343705	-2.90948	0.00737759	0.273692	-3.65374	0.894241	1.05118	1.05118	0.0583745	0.448107	-2.23161	4.25607	9.49428	1.9829	1
cg22295389	EXOC4;EXOC4	0.00686269	0.00479924	0.474522	-2.10738	0.0568719	1.5361	1.5361	0.00420519	0.466009	-2.14588	0.240508	0.782895	-1.27731	0.03408	1.6366	1.6366	0.137831	1.37475	1.37475	0.048164	1.568	1.568	0.542578	0.884469	-1.13062	0.188457	0.757638	-1.31989	6.65608	4.18206	0.558495	1
cg10899274	EXOC4;EXOC4	0.00830904	0.0657598	0.665839	-1.50187	0.0101144	0.527753	-1.89482	0.162826	0.745685	-1.34105	0.692852	1.08134	1.08134	0.000635541	0.355741	-2.81103	0.0346201	0.615549	-1.62457	0.678728	1.0855	1.0855	0.123439	1.38914	1.38914	0.0429829	0.632078	-1.58208	6.26883	3.85207	0.546205	1
cg11863248	EXOC4;EXOC4	0.0083859	0.00466921	0.214111	-4.67048	0.0218427	0.323832	-3.08802	0.00866227	0.253811	-3.93994	0.197915	1.7465	1.7465	0.0154572	0.296004	-3.37833	0.118917	0.499824	-2.00071	0.0127969	0.281667	-3.55029	0.00799629	0.248378	-4.02612	0.594876	1.24598	1.24598	6.25064	16.6211	2.36364	1
cg20760883	EXOC4;EXOC4	0.0125711	0.0277816	1.5207	1.5207	0.0294373	0.661436	-1.51186	0.00549406	0.555239	-1.80103	0.106049	0.752388	-1.3291	0.656217	1.07488	1.07488	0.318433	1.1808	1.1808	0.0223761	1.55434	1.55434	0.120238	1.31212	1.31212	0.495492	1.11801	1.11801	5.48989	2.25857	0.365693	1
cg16913829	EXOC4;EXOC4	0.0150776	0.238309	1.32182	1.32182	0.000536722	3.37566	3.37566	0.0159668	1.9473	1.9473	0.559431	0.875177	-1.14263	0.25243	0.763346	-1.31002	0.89159	0.969666	-1.03128	0.526389	0.865017	-1.15605	0.639133	1.11258	1.11258	0.567973	0.877764	-1.13926	5.17186	4.17957	0.718344	1
cg09725727	EXOC4;EXOC4	0.0152475	0.0469013	0.387701	-2.57931	0.00811869	0.243737	-4.10279	0.083512	0.450269	-2.2209	0.793816	0.89664	-1.11528	0.00115104	0.136711	-7.3147	0.00583983	0.222384	-4.49672	0.307728	0.644174	-1.55237	0.322033	0.653039	-1.5313	0.0981038	0.469652	-2.12924	5.15272	14.1588	2.44252	1
cg00472783	EXOC4;EXOC4	0.017226	0.039314	0.280143	-3.5696	0.12949	0.417214	-2.39685	0.00981269	0.175146	-5.70954	0.00752394	0.15953	-6.26841	0.00458351	0.133438	-7.49412	0.668147	1.25879	1.25879	0.0108523	0.18139	-5.51297	0.408118	0.63665	-1.57072	0.0809315	0.356021	-2.80882	4.94756	22.3158	4.00929	1
cg17478997	EXOC4;EXOC4	0.0181505	0.384406	0.776306	-1.28815	0.236231	0.703009	-1.42246	0.0089212	0.38884	-2.57175	0.682484	1.12387	1.12387	0.674872	1.12725	1.12725	0.886766	0.960354	-1.04128	0.00138292	3.73066	3.73066	0.23797	1.42043	1.42043	0.647333	0.877416	-1.13971	4.86149	6.20657	1.13483	1
cg20451802	EXOC4;EXOC4	0.0397461	0.334193	1.14454	1.14454	0.931056	0.98834	-1.0118	0.0937856	1.28373	1.28373	0.904646	0.983888	-1.01638	0.05505	0.74465	-1.34291	0.0732319	0.762792	-1.31097	0.0909638	0.776955	-1.28708	0.00464001	0.60025	-1.66597	0.324977	0.871305	-1.1477	3.69178	1.07414	0.258627	1
cg17647004	EXOC4;EXOC4	0.0439082	0.0708036	1.36573	1.36573	0.999082	1.00018	1.00018	0.614747	1.08151	1.08151	0.255162	1.20133	1.20133	0.0142918	1.59434	1.59434	0.00397201	1.81846	1.81846	0.154658	0.790409	-1.26517	0.581873	1.08966	1.08966	0.446574	1.12725	1.12725	3.55804	1.34333	0.335599	1
cg00839642	EXOC4;EXOC4	0.0489744	0.772398	1.08188	1.08188	0.0254894	0.486548	-2.0553	0.022865	0.477621	-2.09371	0.555568	0.850619	-1.17561	0.823754	0.941262	-1.0624	0.503665	0.831799	-1.20221	0.0298426	0.499748	-2.00101	0.585835	0.861301	-1.16103	0.00509533	0.366209	-2.73068	3.4149	3.98296	1.03675	1
cg14488380	EXOC5	0.000468607	0.0672562	0.791953	-1.2627	3.21E-05	0.398349	-2.51036	0.109625	0.820054	-1.21943	0.260202	0.87496	-1.14291	0.431215	1.09568	1.09568	0.000367199	0.522592	-1.91354	0.112773	1.21694	1.21694	0.0420841	1.30524	1.30524	0.106322	1.22212	1.22212	14.5497	2.98103	0.182121	1
cg16464735	EXOC5	0.00927612	0.0149524	0.504297	-1.98296	0.0192925	0.523353	-1.91076	0.00459559	0.421864	-2.37043	0.129689	0.687606	-1.45432	0.00133415	0.343984	-2.90711	0.0117119	0.486485	-2.05556	0.808612	1.05709	1.05709	0.695151	1.09429	1.09429	0.140605	0.695831	-1.43713	6.05398	5.01881	0.736898	1
cg16395911	EXOC5	0.011033	0.241766	0.697294	-1.43412	0.00265667	0.294305	-3.39784	0.0402677	0.497948	-2.00824	0.00340216	0.309896	-3.22689	0.140018	0.626737	-1.59557	0.00197433	0.276245	-3.61998	0.387876	0.770721	-1.29749	0.235032	0.693328	-1.44232	0.0206595	0.440399	-2.27067	5.72699	7.85409	1.21904	1
cg14986215	EXOC6	0.003098	0.0887612	0.558545	-1.79037	0.0331439	0.461778	-2.16554	0.0813881	0.549205	-1.82081	0.444271	0.785096	-1.27373	0.00216039	0.262937	-3.80319	0.00449555	0.30882	-3.23813	0.00013543	0.128755	-7.76668	0.0535315	0.506496	-1.97435	0.0115382	0.375292	-2.66459	8.47679	12.921	1.35491	1
cg13400443	EXOC6	0.0124165	0.635806	1.10548	1.10548	0.191108	0.747542	-1.33772	0.000733716	0.340076	-2.94052	0.322558	0.806707	-1.23961	0.0112415	0.512933	-1.94957	0.0339667	0.594323	-1.68259	0.0905875	0.675741	-1.47986	0.0119747	0.517365	-1.93287	0.049488	0.624274	-1.60186	5.51204	3.85739	0.622055	1
cg13654884	EXOC6	0.0278746	0.922841	0.969044	-1.03194	0.0263253	2.35165	2.35165	0.32808	0.720605	-1.38772	0.35508	0.734337	-1.36177	0.0053371	0.303832	-3.2913	0.959142	1.01677	1.01677	0.00881762	0.338792	-2.95166	0.213349	0.653547	-1.53011	0.369227	0.741316	-1.34895	4.19441	6.9987	1.48318	1
cg20033771	EXOC6;EXOC6	0.000349355	0.496948	1.22775	1.22775	0.90913	0.966603	-1.03455	0.15062	0.632348	-1.58141	0.0607496	0.533157	-1.87562	4.31E-05	0.099197	-10.0809	0.00597807	0.343339	-2.91257	2.97E-05	0.087763	-11.3943	0.956283	1.01644	1.01644	0.0155509	0.413653	-2.41749	15.7772	22.1155	1.24598	1
cg12037340	EXOC6;EXOC6	0.00179454	0.000616355	0.416214	-2.40261	0.00785409	0.567155	-1.76319	0.00155706	0.469477	-2.13003	0.0640918	1.41334	1.41334	0.00122027	0.455289	-2.19641	0.0435592	0.679878	-1.47085	0.784075	1.04673	1.04673	0.973952	0.994586	-1.00544	0.0257584	0.643854	-1.55315	9.95055	4.35637	0.389157	1
cg06021865	EXOC6;EXOC6	0.00270895	0.0190023	0.814365	-1.22795	0.000867049	0.696681	-1.43538	0.0235024	1.2161	1.2161	0.00330904	0.748789	-1.33549	0.554674	1.04416	1.04416	0.00464181	0.761633	-1.31297	0.010807	0.793332	-1.26051	0.105216	0.879847	-1.13656	0.127392	0.887624	-1.1266	8.82077	0.730501	0.0736142	1
cg01166685	EXOC6;EXOC6	0.00411498	0.84802	1.0275	1.0275	0.0808812	0.760576	-1.31479	0.843819	0.972497	-1.02828	0.00367364	0.573904	-1.74245	0.040801	0.71615	-1.39636	0.00413312	0.58059	-1.72239	0.0776936	1.31947	1.31947	0.00299552	1.7782	1.7782	0.408237	1.12705	1.12705	7.78565	2.46502	0.281432	1
cg09149974	EXOC6;EXOC6	0.0060891	0.505365	0.832928	-1.20058	0.0016434	0.295465	-3.3845	0.00556032	0.373365	-2.67834	0.332238	1.3107	1.3107	0.00115066	0.274657	-3.64091	0.772508	0.92459	-1.08156	0.548375	0.848511	-1.17854	0.929674	1.02416	1.02416	0.0137263	0.438594	-2.28001	6.90764	8.00387	1.02995	1
cg06657462	EXOC6;EXOC6	0.0140358	0.628108	1.13625	1.13625	0.665483	0.892405	-1.12057	0.808678	1.06554	1.06554	0.508005	0.838836	-1.19213	0.909436	0.970661	-1.03023	0.394119	0.795788	-1.25662	0.000186571	0.191926	-5.21034	0.0652333	0.581788	-1.71884	0.386781	0.792816	-1.26133	5.29543	5.74353	0.964107	1
cg09176957	EXOC6;EXOC6	0.015253	0.0289335	0.404367	-2.473	0.530266	1.25047	1.25047	0.963804	1.01608	1.01608	0.371842	0.724442	-1.38037	0.00485782	0.269044	-3.71686	0.114493	0.546888	-1.82853	0.174223	0.601598	-1.66224	0.0107426	3.08623	3.08623	0.0287884	0.40392	-2.47574	5.15211	10.0856	1.74006	1
cg19780563	EXOC6;EXOC6	0.0180459	0.0105524	0.321751	-3.108	0.476598	0.77483	-1.29061	0.0129313	0.337032	-2.96708	0.012058	0.331715	-3.01464	0.00340847	0.245897	-4.06675	0.134783	0.566477	-1.7653	0.0153942	0.350583	-2.85239	0.0506744	0.456169	-2.19217	0.0828922	0.508208	-1.9677	4.87095	9.58489	1.74912	1
cg19704683	EXOC6;EXOC6	0.0224039	0.116809	0.549701	-1.81917	0.127746	0.560844	-1.78303	0.766948	0.900888	-1.11002	0.204205	0.624654	-1.60089	0.0282033	0.402501	-2.48447	0.147286	0.579191	-1.72655	0.00115234	0.186857	-5.35168	0.00597362	0.283048	-3.53296	0.200546	0.622002	-1.60771	4.52558	8.83986	1.73628	1
cg07236146	EXOC6;EXOC6	0.0234573	0.201956	1.19161	1.19161	0.229982	0.848847	-1.17807	0.642951	0.941066	-1.06263	0.00616232	1.59185	1.59185	0.588054	1.07375	1.07375	0.0976729	0.789431	-1.26674	0.171123	0.827285	-1.20877	0.00730237	0.637555	-1.56849	0.670371	1.05729	1.05729	4.45449	1.19438	0.238337	1
cg15261270	EXOC6;EXOC6	0.0269529	0.10573	0.543741	-1.83911	0.0164025	0.36374	-2.74921	0.0111258	0.333753	-2.99623	0.426225	0.755688	-1.3233	0.00278067	0.241257	-4.14497	0.251217	0.661443	-1.51185	0.738491	0.890901	-1.12246	0.322277	0.702905	-1.42267	0.0151441	0.357408	-2.79792	4.24426	7.99093	1.67356	1
cg14375121	EXOC6;EXOC6	0.0310379	0.0713344	0.597084	-1.67481	0.00364405	0.365299	-2.73749	0.0178621	0.47848	-2.08995	0.097705	0.627991	-1.59238	0.0198936	0.486912	-2.05376	0.241102	0.73037	-1.36917	0.406018	1.24316	1.24316	0.883786	0.963243	-1.03816	0.0964392	0.626671	-1.59573	4.03767	4.19234	0.922939	1
cg08342691	EXOC6;EXOC6	0.0461309	0.7329	1.0569	1.0569	0.716625	0.942816	-1.06065	0.196601	1.24676	1.24676	0.687978	1.06739	1.06739	0.707109	0.940847	-1.06287	0.935669	0.987044	-1.01313	0.00147606	0.476574	-2.09831	0.899068	1.02071	1.02071	0.10248	1.33462	1.33462	3.49286	1.44352	0.367358	1
cg23684316	EXOC6B	0.000114781	0.000281536	4.17398	4.17398	0.000340199	4.01113	4.01113	0.00177587	2.9183	2.9183	0.034025	0.551282	-1.81395	0.0267455	1.88077	1.88077	0.95283	0.985863	-1.01434	0.000596748	3.57961	3.57961	1.09E-05	9.53321	9.53321	0.546491	1.15821	1.15821	21.3381	19.5761	0.815489	1
cg25533547	EXOC6B	0.000450326	0.915429	1.00641	1.00641	0.259103	1.07344	1.07344	0.000256351	1.43669	1.43669	0.947808	1.00395	1.00395	0.00475888	0.798021	-1.2531	0.00414704	1.26027	1.26027	0.00113056	0.749477	-1.33426	0.509144	1.04113	1.04113	0.000760301	1.35952	1.35952	14.7108	0.844092	0.0510037	1
cg22043275	EXOC6B	0.000627019	0.302386	0.798017	-1.25311	0.889131	0.970973	-1.02989	0.0779107	0.661188	-1.51243	0.331745	0.809389	-1.2355	2.08E-05	0.163028	-6.13392	0.00017403	0.260376	-3.8406	0.00497038	0.455973	-2.19311	0.462762	0.853976	-1.17099	0.117682	0.698493	-1.43165	13.4179	9.4776	0.627857	1
cg08727428	EXOC6B	0.000633119	0.0112701	0.717546	-1.39364	0.140732	0.847317	-1.1802	0.0117582	0.71961	-1.38964	0.61934	0.948982	-1.05376	3.11E-05	0.427474	-2.33933	0.225824	1.14224	1.14224	0.00212472	1.57069	1.57069	0.481062	0.927847	-1.07776	0.860418	0.981764	-1.01857	13.3817	2.31719	0.153921	1
cg16429080	EXOC6B	0.00119403	0.0564884	0.79051	-1.26501	0.0479961	0.781851	-1.27902	0.0307629	0.758654	-1.31812	0.0113148	0.708006	-1.41242	0.552607	1.06759	1.06759	0.616037	1.05659	1.05659	8.34E-05	2.16171	2.16171	0.0263051	1.33224	1.33224	0.297211	0.889002	-1.12486	11.1877	2.10005	0.166854	1
cg16417606	EXOC6B	0.00219004	0.0603493	0.715962	-1.39672	0.00219407	0.50791	-1.96885	0.000379515	0.408381	-2.44869	0.280042	0.837668	-1.19379	0.00257354	0.517232	-1.93337	0.0189225	0.638673	-1.56575	0.574518	1.0936	1.0936	0.129229	1.2951	1.2951	0.00694363	0.576382	-1.73496	9.38975	3.70032	0.350294	1
cg00500424	EXOC6B	0.00266846	0.131302	1.23703	1.23703	0.692902	0.949494	-1.05319	0.804166	1.03297	1.03297	0.901719	1.01626	1.01626	0.251719	1.16923	1.16923	0.754028	1.04189	1.04189	4.76E-05	2.71902	2.71902	0.04646	0.742462	-1.34687	0.190969	0.834605	-1.19817	8.86008	2.39229	0.240007	1
cg02066144	EXOC6B	0.00743775	0.00821618	0.422514	-2.36679	0.0268983	0.512817	-1.95001	0.0196959	0.487832	-2.04989	0.0423839	1.8142	1.8142	0.021837	0.495996	-2.01615	0.0867654	0.617551	-1.6193	0.00934185	0.431709	-2.31638	0.00382838	0.370323	-2.70034	0.147818	0.67325	-1.48533	6.49093	6.67424	0.913992	1
cg03627989	EXOC6B	0.00923256	0.943627	1.01399	1.01399	0.00449999	2.10399	2.10399	0.0486218	1.5565	1.5565	0.0669236	1.49696	1.49696	0.0455628	0.637396	-1.56888	0.0519039	0.647606	-1.54415	0.00752498	0.508851	-1.96521	0.520743	0.87997	-1.1364	0.755977	1.06315	1.06315	6.06304	3.70504	0.543188	1
cg04550697	EXOC6B	0.0127523	0.860931	0.96311	-1.0383	0.0254324	0.565895	-1.76711	0.0113412	0.506843	-1.973	0.836393	1.04532	1.04532	0.0361381	0.593137	-1.68595	0.577251	0.886297	-1.12829	0.000565084	0.318112	-3.14354	0.0942702	0.674147	-1.48336	0.0641661	0.64027	-1.56184	5.46435	3.97639	0.646842	1
cg02559274	EXOC6B	0.0279022	0.101313	1.32342	1.32342	0.493301	0.897031	-1.11479	0.0033896	0.536748	-1.86307	0.401331	0.874444	-1.14358	0.0265108	1.50802	1.50802	0.493423	0.897059	-1.11475	0.167916	1.25803	1.25803	0.179803	0.800505	-1.24921	0.586938	0.917889	-1.08946	4.19295	1.62002	0.343438	1
cg04738355	EXOC6B	0.0364935	0.0154248	0.684322	-1.4613	0.0594352	0.762211	-1.31197	0.0595916	0.76237	-1.3117	0.174072	0.831491	-1.20266	0.502659	0.916845	-1.0907	0.949828	1.00806	1.00806	0.0109493	1.50305	1.50305	0.506287	0.91754	-1.08987	0.255016	0.859279	-1.16377	3.80893	0.982474	0.229279	1
cg17560967	EXOC6B	0.0434061	0.288228	0.897984	-1.11361	0.00639533	0.707324	-1.41378	0.0507458	1.24263	1.24263	0.158031	0.863034	-1.1587	0.895776	1.01287	1.01287	0.536446	1.063	1.063	0.162754	0.864655	-1.15653	0.0906627	1.19952	1.19952	0.571841	1.05734	1.05734	3.57333	0.539032	0.134088	1
cg08122232	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	8.24E-06	0.00362839	0.540928	-1.84868	0.108512	0.760862	-1.3143	2.78E-06	0.173009	-5.78005	0.00146496	2.04854	2.04854	4.48E-06	0.192531	-5.19398	0.0482344	0.702995	-1.42249	0.00107446	0.47044	-2.12567	2.06E-05	0.261317	-3.82677	3.09E-05	0.28097	-3.5591	42.661	16.4664	0.343096	1
cg08940097	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.00119727	0.00550274	0.475169	-2.10452	0.289417	1.25133	1.25133	0.601644	0.898174	-1.11337	0.2065	1.31214	1.31214	0.0129661	0.533261	-1.87525	0.00147382	0.392319	-2.54895	0.000300901	3.31527	3.31527	0.0588332	0.647196	-1.54513	0.601802	1.11332	1.11332	11.179	7.36025	0.585242	1
cg01800442	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.00186689	0.290293	0.851018	-1.17506	0.00861366	1.63628	1.63628	0.00287314	1.82716	1.82716	0.0152903	1.5492	1.5492	0.00184119	0.521955	-1.91588	0.454756	1.11842	1.11842	0.00179677	1.92097	1.92097	0.372748	0.874146	-1.14397	0.624765	0.930104	-1.07515	9.83704	3.36624	0.304178	1
cg11723234	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.0130429	0.595387	0.882182	-1.13355	0.147965	1.43766	1.43766	0.282227	1.29869	1.29869	0.0679687	0.619949	-1.61304	0.000499973	0.279867	-3.57313	0.546505	0.866989	-1.15342	0.0492064	0.591508	-1.69059	0.930023	1.02076	1.02076	0.0827439	0.638016	-1.56736	5.4243	4.69955	0.770122	1
cg16628201	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.0144526	0.920398	0.974685	-1.02597	0.0627626	0.584445	-1.71102	0.459292	1.21322	1.21322	0.0170885	2.10793	2.10793	0.970424	1.00956	1.00956	0.00151838	0.309924	-3.2266	0.420765	0.809788	-1.23489	0.110371	0.639986	-1.56253	0.122402	1.53636	1.53636	5.24467	5.46553	0.92632	1
cg19578297	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.0193149	0.950266	1.00666	1.00666	0.497097	0.929286	-1.07609	0.530641	0.934666	-1.0699	0.000854364	0.586893	-1.70389	0.367857	0.906292	-1.1034	0.240195	0.877383	-1.13975	0.120749	0.836107	-1.19602	0.484826	0.927269	-1.07844	0.0189415	1.35295	1.35295	4.76051	0.853133	0.159298	1
cg05146330	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.023417	0.389955	1.11637	1.11637	0.00147371	1.77438	1.77438	0.163491	1.20422	1.20422	0.748471	0.960596	-1.04102	0.226187	1.1721	1.1721	0.0715014	1.28594	1.28594	0.314395	1.13883	1.13883	0.804242	0.969444	-1.03152	0.00419444	1.61486	1.61486	4.45714	1.10222	0.219817	1
cg21016177	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.0429858	0.681103	1.07054	1.07054	0.388871	0.864438	-1.15682	0.713839	1.06264	1.06264	0.669117	0.931536	-1.0735	0.0271763	0.649653	-1.53928	0.357954	0.855603	-1.16877	0.00444995	0.534746	-1.87005	0.0365792	0.669824	-1.49293	0.0226979	0.637657	-1.56824	3.58629	1.54571	0.383115	1
cg10783680	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.0422904	0.814668	1.08263	1.08263	0.940242	0.97497	-1.02567	0.508663	1.25444	1.25444	0.0105416	0.336918	-2.96808	0.0145063	0.361237	-2.76827	0.116124	0.561389	-1.7813	0.00942316	0.328676	-3.04251	0.867371	0.945058	-1.05814	0.962491	0.984226	-1.01603	3.60809	6.53208	1.60924	1
cg09862914	EXOC8	0.0419881	0.0172527	0.131251	-7.61898	0.01638	0.128251	-7.79718	0.247604	0.429066	-2.33065	0.152077	0.341644	-2.92703	0.00933478	0.0994625	-10.054	0.0660006	0.236049	-4.2364	0.0294705	0.16618	-6.01756	0.0470675	0.20377	-4.9075	0.0893179	0.269449	-3.71128	3.61771	28.0735	6.89781	1
cg26422975	EXOC8;C1orf124;EXOC8;C1orf124	0.00619227	0.0155706	0.756771	-1.3214	0.0235496	0.775627	-1.28928	0.00966299	0.735172	-1.36023	0.0241628	0.776805	-1.28732	0.00189571	0.661301	-1.51217	0.0929002	0.840556	-1.18969	0.208363	0.882838	-1.13271	0.0547171	1.22719	1.22719	0.156298	1.15313	1.15313	6.87185	0.960674	0.124265	1
cg26039092	EXOC8;C1orf124;EXOC8;C1orf124	0.00769098	0.497767	0.841321	-1.18861	0.132906	0.665657	-1.50227	0.271182	0.7501	-1.33316	0.000211352	0.21126	-4.73351	0.00928409	0.436684	-2.28998	0.605774	0.877493	-1.13961	0.0234013	0.506697	-1.97357	0.941679	1.01854	1.01854	0.438359	1.21947	1.21947	6.42317	6.40978	0.887036	1
cg24487361	EXOC8;C1orf124;EXOC8;C1orf124	0.0323916	0.175221	0.789903	-1.26598	0.0820847	0.729683	-1.37046	0.366662	0.859231	-1.16383	0.0142134	0.60968	-1.6402	0.0784349	0.726295	-1.37685	0.144758	0.773962	-1.29205	0.00260644	0.50549	-1.97828	0.215888	1.23747	1.23747	0.688088	0.936113	-1.06825	3.97652	1.68548	0.376764	1
cg17001457	EXOC8;EXOC8	0.000558454	0.276085	0.679671	-1.4713	0.000438584	0.150601	-6.64008	0.0140297	0.355669	-2.81161	0.00445338	0.274418	-3.64408	0.0013422	0.20429	-4.895	0.346171	0.718455	-1.39187	0.000130867	0.10402	-9.6135	0.00381958	0.264656	-3.77849	0.000187822	0.116751	-8.56526	13.8582	25.4962	1.63538	1
cg10503236	EXOC8;EXOC8	0.0290563	0.00919067	0.196591	-5.08671	0.262645	0.563047	-1.77605	0.460792	0.691223	-1.44671	0.114702	0.430121	-2.32493	0.0206886	0.25406	-3.93607	0.0466346	0.326112	-3.06643	0.00202481	0.117536	-8.50806	0.115749	0.431346	-2.31833	0.37351	0.638082	-1.5672	4.13339	15.8344	3.40521	1
cg16056900	EXOG;EXOG	0.0195738	0.0287573	0.158697	-6.30132	0.310509	0.47288	-2.1147	0.486038	0.6034	-1.65728	0.244729	0.419595	-2.38325	0.00783882	0.0875687	-11.4196	0.0237869	0.145787	-6.85931	0.00371875	0.0610004	-16.3933	0.00691791	0.0825247	-12.1176	0.0475382	0.198391	-5.04054	4.73908	38.2302	7.17068	1
cg21897034	EXOG;EXOG	0.0338347	0.0626237	0.345332	-2.89576	0.0135285	0.212028	-4.71635	0.04488	0.310906	-3.21641	0.178468	0.484106	-2.06566	0.00392883	0.139554	-7.16571	0.0561521	0.333652	-2.99713	0.0207356	0.243395	-4.10855	0.665941	0.802181	-1.2466	0.113936	0.41782	-2.39338	3.91471	15.9666	3.62544	1
cg07107196	EXOSC1	0.00623642	0.0060892	0.647898	-1.54345	0.00372962	0.622054	-1.60758	0.00911251	0.669287	-1.49413	0.15734	1.20115	1.20115	0.0200748	0.711792	-1.4049	0.107794	0.808403	-1.23701	0.087956	1.25638	1.25638	0.400408	1.10996	1.10996	0.0402821	0.750392	-1.33264	6.85677	1.59524	0.206802	1
cg23218665	EXOSC10;EXOSC10	0.000264964	0.508763	1.04762	1.04762	0.480929	0.951497	-1.05098	0.220047	0.914397	-1.09362	0.0500868	1.1677	1.1677	0.0219129	1.21025	1.21025	0.00298143	1.32678	1.32678	2.29E-05	0.555348	-1.80067	0.296533	1.07801	1.07801	0.000729234	1.42823	1.42823	17.018	1.29809	0.067802	1
cg20810398	EXOSC10;EXOSC10	0.00118412	0.387982	0.857671	-1.16595	0.017753	1.64912	1.64912	0.126524	1.33218	1.33218	0.000398166	0.376044	-2.65926	0.100207	0.731599	-1.36687	0.058502	0.690105	-1.44905	0.000912612	0.423037	-2.36386	0.0409459	1.50586	1.50586	0.0371992	1.52153	1.52153	11.2143	5.34792	0.423895	1
cg13558322	EXOSC10;EXOSC10	0.00853992	0.384138	0.799234	-1.2512	0.0388509	0.548455	-1.8233	0.235454	0.731791	-1.36651	0.0898616	1.59924	1.59924	0.0362596	0.542574	-1.84307	0.146308	0.675965	-1.47937	0.00227965	0.342474	-2.91993	0.0028662	0.35692	-2.80175	0.147656	1.47716	1.47716	6.21481	6.20767	0.887868	1
cg24726995	EXOSC10;EXOSC10	0.0090929	0.0589045	1.90963	1.90963	?	?	?	0.0891021	1.76576	1.76576	0.100017	1.72724	1.72724	0.0260083	2.22823	2.22823	0.00972994	2.69564	2.69564	0.0234905	0.440175	-2.27182	0.0204507	0.428676	-2.33277	0.825814	0.935347	-1.06912	6.2157	8.04685	1.2946	1
cg04872475	EXOSC10;EXOSC10	0.0133958	0.111873	1.33076	1.33076	0.527355	0.8997	-1.11148	0.0877725	0.732704	-1.36481	0.789611	0.956823	-1.04513	0.872512	1.02686	1.02686	0.115979	0.754299	-1.32573	0.0014958	0.46974	-2.12884	0.00448452	0.535054	-1.86897	0.310652	1.18903	1.18903	5.37715	2.31981	0.383485	1
cg17800649	EXOSC10;EXOSC10	0.0206269	0.00672521	1.44991	1.44991	0.37287	1.10154	1.10154	0.0418791	1.28134	1.28134	0.920383	1.01062	1.01062	0.0405251	1.28411	1.28411	0.00239407	1.5641	1.5641	0.50976	0.931753	-1.07325	0.549684	0.938018	-1.06608	0.695897	0.959326	-1.0424	4.65541	0.823925	0.157318	1
cg03617456	EXOSC10;EXOSC10	0.02315	0.0345766	0.573047	-1.74506	0.45327	1.18842	1.18842	0.0408526	1.70463	1.70463	0.28147	0.776538	-1.28777	0.012576	0.49599	-2.01617	0.591776	1.13011	1.13011	0.00621809	0.446676	-2.23876	0.759518	1.07184	1.07184	0.978794	1.00602	1.00602	4.47482	3.61803	0.718694	1
cg19919800	EXOSC10;EXOSC10	0.0238637	0.0192948	0.242701	-4.12029	0.0175746	0.235618	-4.24416	0.392751	0.645303	-1.54966	0.594249	0.764144	-1.30865	0.0075561	0.179169	-5.58133	0.0658743	0.356113	-2.8081	0.00376445	0.141362	-7.07402	0.0405377	0.306228	-3.26554	0.622337	0.780058	-1.28196	4.42812	17.5551	3.52397	1
cg14462758	EXOSC2	0.00317953	0.033953	1.88866	1.88866	0.0510898	1.76941	1.76941	0.216029	1.39713	1.39713	0.91782	1.02686	1.02686	0.00533019	0.389488	-2.56748	0.0841208	1.63372	1.63372	0.00155744	3.21583	3.21583	0.00190261	3.09535	3.09535	0.0158414	2.13633	2.13633	8.41151	8.78895	0.928775	1
cg14614094	EXOSC2	0.00452439	0.00538514	11.8523	11.8523	0.0277448	5.78676	5.78676	0.0776967	3.75512	3.75512	0.0675967	3.98182	3.98182	0.75049	1.24021	1.24021	0.0410789	4.90656	4.90656	0.000312592	51.6353	51.6353	0.00207799	18.6305	18.6305	0.0176795	7.00844	7.00844	7.5653	54.5592	6.41046	1
cg13791827	EXOSC2	0.0102733	0.400432	0.916994	-1.09052	0.602225	0.948436	-1.05437	0.729368	0.965639	-1.03558	0.0192636	1.32979	1.32979	0.0550769	0.803344	-1.2448	0.000835203	1.65894	1.65894	0.134862	0.850199	-1.1762	0.156229	0.858382	-1.16498	0.420252	1.08644	1.08644	5.85981	0.940664	0.142692	1
cg13660679	EXOSC2	0.0105815	0.0323468	0.402715	-2.48315	0.0041457	0.247826	-4.03509	0.129991	0.552302	-1.8106	0.0423652	0.428012	-2.33638	0.0165968	0.34579	-2.89193	0.0844255	0.500159	-1.99937	0.00180906	0.199846	-5.00384	0.00486966	0.257989	-3.87614	0.0335199	0.405973	-2.46322	5.8045	12.1115	1.85472	1
cg14079578	EXOSC2	0.0248957	0.0530027	0.673705	-1.48433	0.00716184	1.86583	1.86583	0.641147	1.08797	1.08797	0.149948	0.757872	-1.31948	0.677242	0.92757	-1.07809	0.0106177	0.5615	-1.78094	0.425354	0.863965	-1.15745	0.46905	1.14147	1.14147	0.161912	1.30769	1.30769	4.36357	2.22976	0.454217	1
cg14280576	EXOSC2	0.0269824	0.515816	0.73236	-1.36545	0.0137272	0.236818	-4.22264	0.017662	0.255539	-3.91329	0.0733375	0.389077	-2.57018	0.0179965	0.256982	-3.89133	0.0804389	0.399845	-2.50097	0.0584113	0.363873	-2.74821	0.0773376	2.53021	2.53021	0.979889	1.01199	1.01199	4.24263	15.0167	3.14621	1
cg03715931	EXOSC3;EXOSC3	6.97E-05	0.0305824	0.575163	-1.73864	0.0114903	0.502435	-1.99031	0.000242672	0.266835	-3.74764	0.307019	0.794373	-1.25886	1.29E-05	0.13621	-7.34163	6.57E-05	0.203064	-4.92456	2.75E-05	0.165374	-6.04689	0.241156	0.765595	-1.30617	0.000296749	0.277397	-3.60494	24.3734	18.2929	0.667136	1
cg13441107	EXOSC3;EXOSC3	0.0433876	0.931006	0.972672	-1.0281	0.102372	0.564409	-1.77177	0.00166316	0.237053	-4.21846	0.630496	1.16776	1.16776	0.666617	1.14876	1.14876	0.910823	0.964785	-1.0365	0.101083	0.562965	-1.77631	0.391485	1.32437	1.32437	0.106752	0.569215	-1.75681	3.57389	5.79537	1.44141	1
cg14293898	EXOSC3;EXOSC3	0.0477933	0.527003	0.86492	-1.15618	0.083994	0.64863	-1.54171	0.14876	0.704251	-1.41995	0.446599	0.838919	-1.19201	0.00372601	0.411905	-2.42775	0.984787	0.995692	-1.00433	0.200885	0.736495	-1.35778	0.0490124	1.66336	1.66336	0.223741	0.748714	-1.33562	3.44658	2.79813	0.72165	1
cg22328616	EXOSC4	0.000813708	0.00984911	0.571686	-1.74921	0.386243	1.16445	1.16445	0.00519569	0.531396	-1.88184	0.178671	0.782771	-1.27751	0.00152097	0.457226	-2.1871	0.000573193	0.400956	-2.49404	0.00282511	0.494125	-2.02378	0.0984642	0.732993	-1.36427	8.70E-05	0.299246	-3.34173	12.4723	5.80401	0.413646	1
cg07331849	EXOSC4	0.00342535	0.00175164	0.425487	-2.35025	0.018318	1.73069	1.73069	0.0315509	1.62104	1.62104	0.952429	0.988635	-1.0115	0.0301336	0.613507	-1.62997	0.386565	1.18537	1.18537	0.00134998	0.409856	-2.43988	0.981125	1.00454	1.00454	0.510589	1.13639	1.13639	8.22668	4.78272	0.516771	1
cg25672318	EXOSC4	0.00392082	0.144404	0.701071	-1.42639	0.2489	1.3139	1.3139	0.191447	1.3679	1.3679	0.00384973	0.41386	-2.41628	0.00581573	0.441237	-2.26636	0.00796121	0.462727	-2.1611	0.768149	0.93523	-1.06926	0.00368449	2.43307	2.43307	0.428267	1.20104	1.20104	7.89993	6.41968	0.722333	1
cg02868338	EXOSC4	0.00572578	0.314336	0.88528	-1.12959	0.06042	1.28142	1.28142	0.853765	0.978625	-1.02184	0.00695975	0.664405	-1.50511	0.512515	0.925164	-1.08089	0.035798	0.751226	-1.33116	0.0273606	0.736618	-1.35756	0.00122049	1.74051	1.74051	0.252	0.869242	-1.15043	7.03995	1.52903	0.193061	1
cg12025821	EXOSC4	0.0308257	0.238964	1.18769	1.18769	0.436541	0.895201	-1.11707	0.00691963	1.62825	1.62825	0.632869	1.06943	1.06943	0.265589	1.17564	1.17564	0.0484514	1.36952	1.36952	0.8706	0.977518	-1.023	0.0115951	1.55298	1.55298	0.00936242	1.58346	1.58346	4.04755	1.24705	0.273865	1
cg14929148	EXOSC4	0.0496075	0.516508	0.793918	-1.25958	0.804958	0.916857	-1.09068	0.98953	0.995407	-1.00461	0.000921053	0.176069	-5.67958	0.595122	0.828466	-1.20705	0.0766785	0.501168	-1.99534	0.846195	1.07051	1.07051	0.24928	0.655425	-1.52573	0.254481	0.658721	-1.51809	3.39829	6.62495	1.73288	1
cg21675770	EXOSC5;BCKDHA;BCKDHA	0.000146742	0.014848	0.837085	-1.19462	0.000354951	1.40539	1.40539	1.04E-05	1.7503	1.7503	0.666109	1.0261	1.0261	0.725475	1.02114	1.02114	0.587146	0.96799	-1.03307	0.00181323	0.768627	-1.30102	0.999571	1.00003	1.00003	0.110672	0.901995	-1.10865	19.9748	1.11401	0.0495742	1
cg27468401	EXOSC6	0.0347092	0.269121	0.854527	-1.17024	0.0786496	0.765833	-1.30577	0.863978	0.976851	-1.0237	0.0469743	0.733011	-1.36424	0.0152626	0.665687	-1.50221	0.0260435	0.69713	-1.43445	0.0925595	0.776587	-1.28769	0.072676	1.3146	1.3146	0.272177	1.16897	1.16897	3.87882	1.14623	0.262674	1
cg09594067	EXOSC6;EXOSC6	0.0150504	0.00636585	0.0848595	-11.7842	0.131314	2.99562	2.99562	0.238279	2.28865	2.28865	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	7.22617	16.5417	5.3413	1
cg02727363	EXOSC6;EXOSC6	0.0158869	0.386754	1.47114	1.47114	0.648233	1.22123	1.22123	0.0364951	2.87946	2.87946	0.0601104	2.51613	2.51613	0.201237	0.55584	-1.79908	0.389712	1.46744	1.46744	0.00093212	0.116489	-8.5845	0.752705	0.871508	-1.14744	0.687649	0.83874	-1.19227	5.08296	15.2408	2.66525	1
cg19596297	EXOSC7;EXOSC7	0.000297724	0.241062	0.827481	-1.20849	0.687268	0.939465	-1.06444	0.69541	1.0626	1.0626	3.40E-06	0.18472	-5.41359	0.0141097	0.626601	-1.59591	0.00803471	0.592142	-1.68878	0.715349	1.05814	1.05814	0.843793	1.03091	1.03091	0.03034	0.675152	-1.48115	16.4844	6.21608	0.335189	1
cg04432377	EXOSC7;ZDHHC3;ZDHHC3;EXOSC7;ZDHHC3	0.00963272	0.638062	1.16461	1.16461	0.0214808	2.43116	2.43116	0.00484879	0.300773	-3.32476	0.649412	1.15857	1.15857	?	?	?	0.949933	0.980008	-1.0204	0.0027075	3.79024	3.79024	0.0837972	1.85037	1.85037	0.654259	0.865042	-1.15601	6.10187	8.88498	1.45611	1
cg13964906	EXOSC7;ZDHHC3;ZDHHC3;EXOSC7;ZDHHC3	0.01634	0.559841	0.918222	-1.08906	0.0129391	1.56268	1.56268	0.0152195	1.53931	1.53931	0.173578	0.810988	-1.23306	0.346734	0.869182	-1.15051	0.0636835	0.73959	-1.3521	0.0216473	1.49032	1.49032	0.0621739	1.35502	1.35502	0.0912339	1.30886	1.30886	5.03561	1.66982	0.294758	1
cg27249554	EXOSC8	4.36E-05	0.236175	0.89006	-1.12352	4.80E-06	0.37486	-2.66766	2.33E-05	0.452449	-2.21019	0.261677	0.895995	-1.11608	0.711515	1.03547	1.03547	6.15E-05	0.499802	-2.00079	0.546222	0.944313	-1.05897	0.000203367	0.557441	-1.79391	0.0018997	0.661765	-1.51111	27.5964	3.84758	0.123932	1
cg08210300	EXOSC8	0.022472	0.720004	0.913046	-1.09523	0.031662	1.89016	1.89016	0.0678531	1.67682	1.67682	0.0309867	0.527262	-1.89659	0.539465	0.854697	-1.17001	0.0553172	0.577525	-1.73153	0.174253	1.4409	1.4409	0.0172756	0.480488	-2.08122	0.202844	1.40462	1.40462	4.52086	4.57323	0.899187	1
cg23429638	EXOSC8;ALG5;ALG5	0.00795973	0.00388236	0.420903	-2.37585	0.704904	1.08404	1.08404	0.722593	1.07852	1.07852	0.245602	0.771692	-1.29585	0.00403441	0.423637	-2.36085	0.00367914	0.417171	-2.3971	0.0516977	1.6144	1.6144	0.29695	1.25918	1.25918	0.502223	1.15565	1.15565	7.27143	5.0643	0.541695	1
cg19748678	EXOSC9;EXOSC9	0.00211462	0.0190845	0.54551	-1.83315	0.0599238	1.57369	1.57369	0.000573071	3.12353	3.12353	0.00251687	0.408112	-2.45031	0.699812	0.920568	-1.08629	0.0852661	0.666026	-1.50144	0.0361466	0.594218	-1.68289	0.0381624	0.598518	-1.67079	0.217911	0.75815	-1.319	9.48643	6.85605	0.642419	1
cg11979875	EXOSC9;EXOSC9	0.00737488	0.00323824	0.105943	-9.43904	0.0312353	0.243436	-4.10785	0.010203	0.163558	-6.11405	0.01372	0.182055	-5.49285	0.00996749	0.16217	-6.16636	0.0205941	0.210359	-4.75379	0.00115499	0.0693244	-14.4249	0.109189	0.376663	-2.6549	0.032928	0.247955	-4.03299	6.5082	32.2076	4.39892	1
cg21703586	EXOSC9;EXOSC9	0.0168913	0.239612	1.28548	1.28548	0.316112	1.23538	1.23538	0.472192	1.16083	1.16083	0.112609	0.703111	-1.42225	0.000623315	0.341864	-2.92514	0.858947	0.964372	-1.03694	0.31015	0.807375	-1.23884	0.748044	1.06794	1.06794	0.0948283	1.45412	1.45412	4.98016	3.28057	0.585535	1
cg19163814	EXOSC9;EXOSC9	0.0237505	0.0242157	0.706212	-1.41601	0.0016673	0.558699	-1.78987	0.0926755	0.786996	-1.27065	0.441884	0.903467	-1.10685	0.963323	1.00597	1.00597	0.0881141	1.27588	1.27588	0.139098	0.81375	-1.22888	0.0805438	0.778082	-1.28521	0.740113	0.957821	-1.04404	4.43541	1.1773	0.23594	1
cg12972275	EXOSC9;EXOSC9	0.0265225	0.145676	0.811259	-1.23265	0.423324	1.11572	1.11572	0.340895	1.14043	1.14043	0.455147	1.10722	1.10722	0.719863	1.0494	1.0494	0.0940524	0.781534	-1.27953	0.00509654	0.609195	-1.64151	0.095885	1.27745	1.27745	0.023865	1.43474	1.43474	4.26827	1.2119	0.252384	1
cg04609262	EXPH5	0.00550986	0.133388	1.29212	1.29212	0.194984	1.24234	1.24234	0.092026	1.34123	1.34123	0.687458	1.06611	1.06611	0.911077	0.982471	-1.01784	0.178976	0.797722	-1.25357	0.00031422	0.396719	-2.52068	0.0244382	1.5287	1.5287	0.109526	1.3181	1.3181	7.12364	2.82708	0.352763	1
cg13520373	EXPH5	0.00586605	0.071302	0.271646	-3.68126	0.227269	0.44394	-2.25256	0.000426957	0.0216926	-46.0986	?	?	?	?	?	?	?	?	?	0.41157	0.585253	-1.70866	0.0903165	3.33661	3.33661	0.435093	1.66185	1.66185	8.66803	36.2268	4.87591	1
cg24505730	EXPH5	0.00689197	0.268995	1.17711	1.17711	0.0456037	0.722763	-1.38358	0.10622	0.77889	-1.28388	0.972945	0.995208	-1.00482	0.757906	0.957153	-1.04476	0.000304548	2.29591	2.29591	0.0415654	1.39491	1.39491	0.393887	0.883646	-1.13167	0.421884	0.89029	-1.12323	6.64726	2.11214	0.282441	1
cg10022155	EXPH5	0.00761008	0.00884816	0.347547	-2.87731	0.54733	0.824375	-1.21304	0.025563	0.43112	-2.31954	0.0489107	0.490081	-2.04048	0.00146317	0.232895	-4.29378	0.0104247	0.359581	-2.78102	0.00126119	0.224722	-4.44994	0.298892	0.710722	-1.40702	0.0908728	0.553925	-1.8053	6.44451	10.2662	1.41602	1
cg03527887	EXPH5	0.0130044	0.0064566	1.52999	1.52999	0.748275	1.03942	1.03942	0.752464	0.96272	-1.03872	0.632005	1.05965	1.05965	0.356636	0.892399	-1.12058	0.00306763	1.62712	1.62712	0.0917744	0.800187	-1.24971	0.866292	0.979969	-1.02044	0.00800711	1.50388	1.50388	5.42955	1.23985	0.20298	1
cg09840309	EXPH5	0.0328707	0.0869087	0.795545	-1.257	0.297767	0.877581	-1.1395	0.00592328	1.54571	1.54571	0.185549	0.843806	-1.18511	0.146962	1.2072	1.2072	0.076607	0.78798	-1.26907	0.513753	0.923009	-1.08341	0.217679	0.854796	-1.16987	0.167417	1.19487	1.19487	3.95563	0.916944	0.206051	1
cg16934235	EXPH5;EXPH5	0.000166297	2.24E-05	0.352485	-2.837	0.93552	1.00997	1.00997	0.074256	0.783538	-1.27626	0.000882924	0.54269	-1.84267	0.000830717	0.539492	-1.8536	0.0124038	0.682705	-1.46476	0.470626	1.09418	1.09418	0.000733018	1.87643	1.87643	0.027132	0.725586	-1.3782	19.312	4.60024	0.211739	1
cg21560076	EXPH5;EXPH5	0.00521222	0.00873862	0.379993	-2.63163	0.243778	1.42368	1.42368	0.0330864	2.05799	2.05799	0.68395	1.12586	1.12586	0.0111654	2.51233	2.51233	0.788516	0.925081	-1.08099	0.0017798	0.275696	-3.62718	0.0449684	1.94735	1.94735	0.365086	0.763715	-1.30939	7.24595	9.62818	1.18113	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11340537	EXPH5;EXPH5;EXPH5	0.0126878	0.539276	1.2481	1.2481	0.00266087	4.40049	4.40049	0.00319555	4.20091	4.20091	0.0392594	2.34085	2.34085	0.38682	0.728834	-1.37205
cg00127070	EXT1	1.15E-05	0.00550061	1.56894	1.56894	0.0740897	0.782207	-1.27843	3.86E-05	0.37785	-2.64655	0.208055	1.17798	1.17798	5.52E-05	0.396039	-2.525
cg03599855	EXT1	4.95E-05	0.0881128	1.4859	1.4859	0.0203922	1.80068	1.80068	0.93459	1.01742	1.01742	0.0251262	0.570912	-1.75158	9.52E-07	0.0657936	-15.1991
ch.8.2343166R	EXT1	0.000316055	2.71E-05	0.0861371	-11.6094	0.18169	1.52146	1.52146	0.839169	0.941618	-1.062	2.73E-05	0.0863315	-11.5833	0.417876	0.782659	-1.2777
cg14388466	EXT1	0.000683258	0.0273523	0.559508	-1.78729	0.844267	1.04472	1.04472	0.309166	0.79127	-1.26379	0.284091	0.780723	-1.28086	1.06E-05	0.123428	-8.10191
cg14433070	EXT1	0.00170127	0.56274	1.05103	1.05103	0.00458772	0.72546	-1.37844	0.252209	0.903274	-1.10708	0.852087	1.016	1.016	0.964543	1.00379	1.00379
cg11170956	EXT1	0.00433223	0.0214956	0.493741	-2.02536	0.743072	0.919384	-1.08768	0.568607	1.15863	1.15863	0.336017	0.776083	-1.28852	0.000148121	0.18886	-5.29491
cg14028708	EXT1	0.00492295	0.0063768	0.253324	-3.94751	0.00874788	0.274771	-3.63939	0.0132702	0.305142	-3.27716	0.0739226	0.462816	-2.16069	0.00140156	0.167013	-5.98757
cg01606878	EXT1	0.00614528	0.0185619	0.495819	-2.01687	0.0658684	1.66062	1.66062	0.0119565	0.462681	-2.16132	0.144854	0.680569	-1.46936	0.00298703	0.367514	-2.72099
cg10090158	EXT1	0.00827636	0.187897	0.804237	-1.24341	0.12785	1.29306	1.29306	0.193468	0.806681	-1.23965	0.293447	0.843545	-1.18547	0.00068933	0.44534	-2.24547
cg11064524	EXT1	0.0140174	0.000784524	0.175563	-5.69596	0.690403	1.14703	1.14703	0.699196	1.1423	1.1423	0.0133924	0.350124	-2.85613	0.0185472	0.375966	-2.65982
cg22024281	EXT1	0.0181715	?	?	?	0.0367829	5.11535	5.11535	0.0593959	4.15891	4.15891	?	?	?	?	?	?
cg24265957	EXT1	0.0196818	0.740467	0.904813	-1.1052	0.429201	0.784391	-1.27487	0.0280987	0.458183	-2.18253	0.400897	0.772026	-1.29529	0.0034444	0.302584	-3.30487
cg01423426	EXT1	0.023331	0.0370401	0.724929	-1.37945	0.876162	0.979496	-1.02093	0.00680433	1.59333	1.59333	0.0495696	0.742572	-1.34667	0.143547	0.811559	-1.2322
cg04395788	EXT1	0.0339784	0.0767297	0.546221	-1.83076	0.982137	0.993146	-1.0069	0.952604	1.01843	1.01843	0.116452	0.592138	-1.68879	0.00335155	0.293401	-3.40831
cg23736754	EXT1	0.0385073	0.175073	1.3414	1.3414	0.0243908	1.72682	1.72682	0.103247	1.43756	1.43756	0.743022	1.0693	1.0693	0.750348	1.06717	1.06717
cg07252294	EXT2;EXT2	0.00562821	0.0320889	0.62299	-1.60516	0.015434	0.571124	-1.75093	0.66165	1.08654	1.08654	0.190489	1.29861	1.29861	0.00205998	0.441262	-2.26623
cg17479956	EXT2;EXT2	0.0077083	0.0344005	0.729219	-1.37133	0.00219584	1.73248	1.73248	0.00240164	1.71814	1.71814	0.899442	0.983951	-1.01631	0.212177	0.8452	-1.18315
cg00332126	EXT2;EXT2	0.012977	0.00838088	0.531878	-1.88013	0.0698481	1.46228	1.46228	0.036479	0.634022	-1.57723	0.951206	0.988595	-1.01154	0.875609	0.971063	-1.0298
cg06536200	EXT2;EXT2	0.0148656	0.794186	0.970654	-1.03023	0.405324	1.10186	1.10186	0.0325373	0.751968	-1.32984	0.700222	1.04506	1.04506	0.535012	1.0742	1.0742
cg08133496	EXT2;EXT2	0.0173873	0.0052469	0.528084	-1.89364	0.555287	0.901705	-1.10901	0.330549	0.840197	-1.1902	0.187756	0.784986	-1.27391	0.185297	0.783796	-1.27584
cg02620470	EXT2;EXT2;EXT2;EXT2	1.49E-06	0.000381898	0.759627	-1.31643	6.76E-05	0.702182	-1.42413	2.88E-07	2.07838	2.07838	3.27E-06	0.586707	-1.70443	0.258492	1.05881	1.05881
cg12640937	EXT2;EXT2;EXT2;EXT2	0.000294039	0.00971276	1.34886	1.34886	0.112632	1.17116	1.17116	0.0961128	1.18196	1.18196	0.294661	1.10454	1.10454	0.00513345	0.713064	-1.4024
cg02050903	EXT2;EXT2;EXT2;EXT2	0.00730778	0.375037	0.884544	-1.13053	0.915905	1.01433	1.01433	0.87161	1.02203	1.02203	0.0169316	0.675356	-1.4807	0.0654604	0.756835	-1.32129
cg21950720	EXTL1	0.00588928	0.222208	0.693358	-1.44226	0.0659704	0.55497	-1.8019	0.104788	0.602868	-1.65874	0.848702	0.94694	-1.05603	0.00756792	0.375037	-2.6664
cg13783323	EXTL1	0.0160131	0.0163057	0.530555	-1.88482	0.0104472	0.498723	-2.00512	0.0497511	0.616914	-1.62097	0.492595	0.860363	-1.1623	0.00447827	0.441329	-2.26588
cg02599835	EXTL1	0.0355632	0.00453955	0.147159	-6.79538	0.023159	0.252583	-3.9591	0.124269	0.430171	-2.32465	0.249157	1.84132	1.84132	0.0403605	0.301127	-3.32086
cg19938567	EXTL1	0.0368781	0.0043297	0.431071	-2.3198	0.0274954	0.562516	-1.77773	0.112853	0.683299	-1.46349	0.273054	0.777465	-1.28623	0.0462996	0.604269	-1.65489
cg04629204	EXTL1;EXTL1	6.27E-05	0.057437	0.834174	-1.19879	7.32E-05	0.544116	-1.83784	0.0118847	0.767262	-1.30334	0.206804	1.11889	1.11889	0.00235326	0.699024	-1.43057
cg13555278	EXTL1;EXTL1	0.0466751	0.164013	1.20161	1.20161	0.177296	1.19404	1.19404	0.144833	1.2137	1.2137	0.0137883	1.45717	1.45717	0.95928	1.00633	1.00633
cg07498975	EXTL2;EXTL2	0.0482366	0.00550266	0.157725	-6.34014	0.0640184	0.348752	-2.86737	0.249875	0.544133	-1.83779	0.984912	0.990476	-1.00962	0.0224332	0.25055	-3.99121
cg07328417	EXTL3	8.94E-05	0.820674	0.963629	-1.03774	0.0230472	0.64178	-1.55817	0.0337131	1.49883	1.49883	9.75E-07	0.121999	-8.19681	0.571986	1.09767	1.09767
cg00328720	EXTL3	0.00235434	0.00445706	0.308487	-3.24163	0.679393	1.13752	1.13752	0.00126646	0.232608	-4.29908	0.00463754	0.311107	-3.21433	0.0158666	0.400141	-2.49912
cg17687458	EXTL3	0.00317151	0.940521	0.974835	-1.02581	0.0287507	0.414388	-2.4132	0.00798654	0.313105	-3.19381	0.22389	1.54713	1.54713	0.000145921	0.107255	-9.32355
cg14082097	EXTL3	0.012584	0.162955	0.427207	-2.34079	0.000174131	0.0262927	-38.0334	0.105754	0.364557	-2.74305	0.526983	1.44203	1.44203	0.105615	0.364384	-2.74436
cg25557858	EXTL3	0.0178062	0.500509	1.08295	1.08295	0.125399	1.21322	1.21322	0.0315592	1.34151	1.34151	0.84801	0.977889	-1.02261	0.715756	0.95828	-1.04354
cg26754350	EXTL3	0.0438763	0.476821	0.850297	-1.17606	0.00488925	0.433359	-2.30756	0.255794	1.30467	1.30467	0.252292	1.30746	1.30746	0.151268	0.708401	-1.41163
cg06693048	EYA1	0.000137472	2.69E-05	0.0658495	-15.1861	0.00257929	0.253876	-3.93893	0.000337094	0.150098	-6.66231	0.00239155	0.249383	-4.0099	0.0184884	0.391593	-2.55367
cg06290070	EYA1	0.000424941	0.00042477	0.299139	-3.34292	0.00130893	0.363605	-2.75024	0.530086	0.871508	-1.14744	0.00111561	0.354104	-2.82403	0.000461976	0.303752	-3.29216
cg24611608	EYA1	0.00116265	0.00309209	0.256341	-3.90105	0.000102652	0.0990952	-10.0913	0.0317044	0.428814	-2.33202	0.127292	0.574389	-1.74098	0.014704	0.364332	-2.74475
cg13043862	EYA1	0.0047383	0.00977164	0.42345	-2.36156	0.00448349	0.36912	-2.70914	0.00552841	0.383273	-2.6091	0.0301919	0.511524	-1.95494	0.0225923	0.487655	-2.05063
cg18064025	EYA1	0.0127519	0.022454	0.540835	-1.84899	0.157112	0.711682	-1.40512	0.0619731	0.623488	-1.60388	0.68512	0.912438	-1.09596	0.130935	0.693083	-1.44283
cg24577279	EYA1;EYA1	0.000106154	0.000655127	0.509934	-1.96104	2.22E-06	0.224694	-4.4505	0.152036	0.820467	-1.21882	0.000428289	0.487305	-2.0521	0.0140181	0.676246	-1.47875
cg03090171	EYA1;EYA1;EYA1;EYA1	0.000201001	0.963448	1.008	1.008	2.99E-05	0.241446	-4.14171	0.00379551	0.507102	-1.97199	0.00722078	0.547218	-1.82743	0.0322571	0.646569	-1.54662
cg16808120	EYA1;EYA1;EYA1;EYA1	0.0236369	0.0780098	0.302656	-3.30408	0.0018672	0.0676605	-14.7797	0.0371446	0.228371	-4.37884	0.884807	0.915325	-1.09251	0.0144533	0.158898	-6.29333
cg26717476	EYA2;EYA2	9.50E-06	0.000367864	0.471118	-2.12261	0.0165136	0.679459	-1.47176	0.000459582	0.483015	-2.07033	0.00361632	0.594719	-1.68147	1.84E-07	0.121356	-8.24024
cg09306675	EYA2;EYA2	0.00142097	0.960401	1.00793	1.00793	0.378831	1.15441	1.15441	0.951294	1.00976	1.00976	0.797743	1.04169	1.04169	0.232696	1.22022	1.22022
cg08994982	EYA2;EYA2	0.00395435	0.037537	0.59667	-1.67597	0.125204	0.701077	-1.42638	0.0182892	0.541799	-1.8457	0.095509	0.675784	-1.47976	0.0148258	0.526515	-1.89928
cg13061637	EYA2;EYA2	0.00565601	0.00084425	0.306558	-3.26202	0.0136359	0.487346	-2.05193	0.00494285	0.416081	-2.40338	0.0320646	0.553463	-1.80681	0.0632105	0.61129	-1.63588
cg06554935	EYA2;EYA2	0.00967006	0.0385256	0.838026	-1.19328	0.803885	1.01851	1.01851	0.00525171	0.762331	-1.31177	0.0175228	0.808048	-1.23755	0.0151162	0.802459	-1.24617
cg01585717	EYA2;EYA2	0.0195727	0.129652	0.771209	-1.29667	0.011447	0.605259	-1.65218	0.000854959	0.451642	-2.21414	0.116345	0.76279	-1.31098	0.828865	0.966233	-1.03495
cg11117945	EYA2;EYA2	0.0316699	0.00601277	0.260334	-3.84122	0.0103225	0.297737	-3.35867	0.0904119	0.496817	-2.01281	0.678132	0.855155	-1.16938	0.838007	0.926121	-1.07977
cg26046136	EYA2;EYA2	0.0459065	0.00435581	0.152008	-6.57859	0.263533	0.561911	-1.77964	0.113746	0.426989	-2.34198	0.0729702	0.371927	-2.6887	0.252236	0.553513	-1.80664
cg12041848	EYA2;EYA2;EYA2;EYA2	0.0252958	0.363541	1.57882	1.57882	0.591236	1.30361	1.30361	0.202017	1.9325	1.9325	0.994669	0.996738	-1.00327	0.00332255	0.141544	-7.06493
cg10965041	EYA3	0.000787703	0.00250046	0.475114	-2.10476	0.00809819	1.82357	1.82357	0.974512	0.994355	-1.00568	0.00255836	0.476501	-2.09863	6.24E-05	0.270567	-3.69594
cg26411549	EYA3	0.0060536	0.807462	0.978137	-1.02235	0.105632	0.852106	-1.17356	0.000567423	0.616646	-1.62168	0.172483	1.14049	1.14049	0.843497	1.01806	1.01806
cg15594905	EYA3	0.0264717	?	?	?	0.33625	1.69817	1.69817	0.830474	1.12075	1.12075	0.00477175	0.124207	-8.0511	0.15874	2.24582	2.24582
cg06319327	EYA3;EYA3	0.00259089	0.0465593	0.829312	-1.20582	0.104716	1.15674	1.15674	0.0878615	1.16728	1.16728	0.000640742	0.650308	-1.53773	0.0168137	0.786981	-1.27068
cg02965931	EYA4;EYA4;EYA4	0.000104515	0.952176	0.990349	-1.00975	0.640816	1.07894	1.07894	0.0303316	0.662552	-1.50932	0.000185713	0.36039	-2.77477	0.00023538	0.373174	-2.67972
cg09649901	EYA4;EYA4;EYA4	0.000150091	0.262478	0.829468	-1.20559	0.0398155	0.683647	-1.46274	0.00110639	0.463297	-2.15844	0.0021722	0.502356	-1.99062	3.16E-06	0.170612	-5.86125
cg25375297	EYA4;EYA4;EYA4	0.000297534	0.142648	0.851489	-1.17441	0.030545	1.29603	1.29603	0.00019534	0.5277	-1.89502	0.0638806	1.23677	1.23677	0.000137442	0.510331	-1.95951
cg10782703	EYA4;EYA4;EYA4	0.00100696	0.719503	1.05372	1.05372	0.00748001	0.606757	-1.64811	0.000406358	0.442502	-2.25987	0.328862	0.863966	-1.15745	0.0129079	0.638994	-1.56496
cg13912545	EYA4;EYA4;EYA4	0.00111063	0.0855874	1.4408	1.4408	0.00030678	3.08483	3.08483	0.866313	1.03291	1.03291	0.550928	0.89051	-1.12295	0.797107	1.05076	1.05076
cg21296676	EYA4;EYA4;EYA4	0.00319174	0.15594	1.35482	1.35482	0.00749154	1.99098	1.99098	0.354742	0.826587	-1.20979	0.733121	0.933824	-1.07087	0.0458171	1.58085	1.58085
cg15865026	EYA4;EYA4;EYA4	0.00480073	0.922499	0.970337	-1.03057	0.100975	1.74338	1.74338	0.0196518	0.418052	-2.39205	0.383238	0.758294	-1.31875	0.002309	0.267807	-3.73404
cg24842760	EYA4;EYA4;EYA4	0.0064283	0.723089	0.898015	-1.11357	0.0213672	2.30756	2.30756	0.194423	1.51444	1.51444	?	?	?	0.296477	1.38721	1.38721
cg24535176	EYA4;EYA4;EYA4	0.00752368	0.256552	1.16642	1.16642	0.297388	0.868984	-1.15077	0.000853885	0.52137	-1.91802	0.242594	0.853024	-1.1723	0.0215008	1.43189	1.43189
cg18817392	EYA4;EYA4;EYA4	0.00877515	0.202576	0.640008	-1.56248	0.44168	1.29726	1.29726	0.0450249	0.466249	-2.14478	0.0998819	0.549829	-1.81875	0.000385197	0.152718	-6.54801
cg21390624	EYA4;EYA4;EYA4	0.0111338	0.270164	1.50753	1.50753	0.000926114	5.86082	5.86082	0.406566	0.738205	-1.35464	0.950799	1.02231	1.02231	0.387304	1.37272	1.37272
cg13354679	EYA4;EYA4;EYA4	0.0123443	0.0183963	0.141117	-7.08631	0.000630968	0.0274253	-36.4627	0.0202092	0.146982	-6.80354	0.199402	0.395253	-2.53002	0.0163175	0.133943	-7.46585
cg22462983	EYA4;EYA4;EYA4	0.0132859	0.0447083	2.33244	2.33244	0.000578614	7.07472	7.07472	0.930674	0.968529	-1.03249	0.307419	1.47445	1.47445	0.790743	1.10267	1.10267
cg07327468	EYA4;EYA4;EYA4	0.0133299	0.0465896	2.23805	2.23805	0.000654974	6.33589	6.33589	0.99028	0.995703	-1.00432	0.67071	1.16321	1.16321	0.769334	0.901272	-1.10954
cg11664500	EYA4;EYA4;EYA4	0.0138119	0.0497508	0.633222	-1.57922	0.00746142	0.494936	-2.02046	0.0926779	0.68541	-1.45898	0.00831105	0.502206	-1.99121	0.1351	0.719746	-1.38938
cg05062333	EYA4;EYA4;EYA4	0.0201804	0.332981	0.833549	-1.19969	0.166102	1.30895	1.30895	0.00963897	1.81715	1.81715	0.00289303	0.473937	-2.10998	0.240709	0.79938	-1.25097
cg14287112	EYA4;EYA4;EYA4	0.0218578	0.365742	0.797802	-1.25344	0.0551693	1.69631	1.69631	0.6792	0.903853	-1.10637	0.00729467	0.431241	-2.31889	0.0184098	0.498991	-2.00404
cg23028941	EYA4;EYA4;EYA4	0.0230189	0.020788	0.330254	-3.02798	0.19849	1.7177	1.7177	0.234946	0.609212	-1.64146	0.137727	0.529231	-1.88953	0.00103704	0.144578	-6.9167
cg06132028	EYA4;EYA4;EYA4	0.0230958	?	?	?	0.936932	1.01827	1.01827	0.65206	1.1094	1.1094	0.43688	1.19891	1.19891	0.00570102	0.436377	-2.2916
cg20422212	EYA4;EYA4;EYA4	0.0302372	0.193146	0.404797	-2.47037	0.891262	0.914091	-1.09398	0.0398331	0.210032	-4.76118	0.0386305	0.20742	-4.82113	0.0153928	0.14187	-7.0487
cg08885224	EYA4;EYA4;EYA4	0.0325442	0.688449	0.931863	-1.07312	0.425521	0.867209	-1.15312	0.00203641	0.466982	-2.14141	0.820602	0.961012	-1.04057	0.979309	1.00455	1.00455
cg04548096	EYA4;EYA4;EYA4	0.0344267	0.684073	0.852206	-1.17343	0.230678	0.61168	-1.63484	0.107787	0.50357	-1.98582	0.456514	0.743458	-1.34507	0.000791666	0.137782	-7.25784
cg01957732	EYA4;EYA4;EYA4	0.0418049	0.129998	1.8109	1.8109	0.0273722	2.57967	2.57967	0.545046	1.24906	1.24906	0.882533	1.05515	1.05515	0.66066	0.851807	-1.17397
cg01805282	EYA4;EYA4;EYA4	0.0466063	0.807437	1.11683	1.11683	0.0176235	3.69361	3.69361	0.0284538	3.22234	3.22234	0.334323	1.56921	1.56921	0.975549	0.986227	-1.01397
cg17722675	EYA4;EYA4;EYA4	0.047306	0.85781	0.952896	-1.04943	0.0545391	1.79825	1.79825	0.00759386	2.51866	2.51866	0.640419	1.13493	1.13493	0.756176	0.919616	-1.08741
cg14270292	EYA4;EYA4;EYA4;EYA4;EYA4;EYA4	0.0472269	0.991024	0.996895	-1.00311	0.1114	1.61503	1.61503	0.549576	1.1822	1.1822	0.0753186	0.578449	-1.72876	0.535526	1.18941	1.18941
cg01796493	EYS	0.000144828	6.38E-06	0.0607344	-16.4651	0.0553631	0.546524	-1.82975	0.000489333	0.218788	-4.57064	0.338814	0.760117	-1.31559	4.74E-05	0.118523	-8.43716
cg01342943	EYS	0.000174184	0.455061	0.93087	-1.07426	7.44E-05	0.507828	-1.96917	0.000640623	0.610538	-1.6379	0.0812382	1.19959	1.19959	0.14258	0.862096	-1.15996
cg11999886	EYS	0.00052993	0.0105084	0.46314	-2.15918	0.00987535	0.458674	-2.1802	7.00E-05	0.176386	-5.66938	0.0552683	0.594854	-1.68108	8.16E-05	0.183034	-5.46347
cg24070963	EYS	0.000869951	0.0106322	0.420498	-2.37814	0.0131936	0.436639	-2.29022	0.0025175	0.322571	-3.10009	0.00152303	0.291998	-3.42468	5.50E-05	0.131987	-7.5765
cg00460691	EYS	0.0029521	0.400634	1.22534	1.22534	0.014791	0.492409	-2.03083	0.0448886	0.580558	-1.72248	0.320924	1.2741	1.2741	0.271749	0.763192	-1.31029
cg02628401	EYS	0.0045762	0.306333	1.13903	1.13903	0.0704569	0.779967	-1.28211	0.00234544	0.593382	-1.68526	0.951683	0.99258	-1.00748	0.0221064	0.713701	-1.40115
cg26554042	EYS	0.0140328	0.000492351	0.0962571	-10.3888	0.1033	0.465687	-2.14736	0.0425285	0.367241	-2.72301	0.0570645	0.397155	-2.51791	0.0309676	0.337426	-2.96361
cg00252230	EYS	0.0150131	0.0900027	0.645002	-1.55038	0.400921	0.817292	-1.22355	0.344689	0.795809	-1.25658	0.00658004	0.436876	-2.28898	0.0631426	0.612346	-1.63306
cg04197844	EYS	0.0190878	0.00587946	0.162403	-6.15754	0.0806589	0.376462	-2.65631	0.175759	0.483864	-2.0667	0.122809	0.430377	-2.32355	0.0171165	0.230985	-4.32929
cg06426612	EYS	0.0265501	0.145199	1.40811	1.40811	0.240649	0.764323	-1.30835	0.0144994	0.517383	-1.9328	0.194359	1.35038	1.35038	0.167727	1.37947	1.37947
cg23028841	EYS	0.0454715	0.239761	1.3401	1.3401	0.0339264	0.554966	-1.80191	0.542542	0.863643	-1.15789	0.0787322	0.628557	-1.59094	0.0276946	0.538498	-1.85702
cg12236368	EYS;EYS	0.013337	0.0060658	0.277392	-3.60501	0.0092122	0.306374	-3.26398	0.0130997	0.332507	-3.00745	0.025803	0.387825	-2.57848	0.00220268	0.215293	-4.64484
cg23176759	EYS;EYS	0.0137175	0.0113503	0.301274	-3.31924	0.0023623	0.200841	-4.97907	0.0678702	0.461133	-2.16857	0.160012	0.566546	-1.76508	0.00636373	0.260756	-3.83501
cg19395400	EZH1	0.00131939	0.0305749	0.689167	-1.45103	0.270094	1.18323	1.18323	0.0927624	0.762621	-1.31127	0.00417895	1.75467	1.75467	0.0453508	0.714383	-1.39981
cg05375741	EZH1	0.0196012	0.0426589	0.219897	-4.54759	0.0088632	0.105362	-9.49111	0.0244543	5.8328	5.8328	0.892098	0.919816	-1.08717	0.0489747	0.233574	-4.2813
cg03623386	EZH1	0.0389828	0.130987	0.279752	-3.57459	0.85766	1.14867	1.14867	0.373864	2.02884	2.02884	0.72224	1.31745	1.31745	0.205443	2.82846	2.82846
cg27088844	EZH1	0.0446794	0.104664	1.32265	1.32265	0.346316	0.858204	-1.16522	0.465347	0.889452	-1.12429	0.00573083	1.77017	1.77017	0.0136766	1.61737	1.61737
cg18494018	EZH2;EZH2	0.00203552	0.804249	1.02012	1.02012	0.000200529	0.606129	-1.64981	0.340452	0.92422	-1.08199	0.481405	0.944212	-1.05908	0.735996	0.97322	-1.02752
cg08558971	EZH2;EZH2	0.00263331	0.0598895	0.550508	-1.8165	0.00143049	0.273445	-3.65704	0.017952	0.445489	-2.24472	0.624256	0.870394	-1.1489	0.00195372	0.291886	-3.426
cg10407894	EZH2;EZH2	0.00295744	0.0162177	0.473625	-2.11138	0.00294447	0.354229	-2.82303	0.00822551	0.423504	-2.36125	0.0866722	0.618189	-1.61763	0.0108627	0.443578	-2.25439
cg05295594	EZH2;EZH2	0.00981755	0.326229	0.814328	-1.22801	0.0124182	0.532321	-1.87857	0.000297783	0.303309	-3.29697	0.582852	1.11896	1.11896	0.128406	0.716759	-1.39517
cg02303805	EZH2;EZH2	0.0102288	0.00819806	0.215203	-4.64678	0.869841	0.928232	-1.07732	0.86585	0.92609	-1.07981	0.150336	0.496499	-2.0141	0.00194696	0.136691	-7.31575
cg02716952	EZH2;EZH2	0.0497301	0.00851018	0.287828	-3.4743	0.044895	0.425826	-2.34838	0.069698	0.471263	-2.12196	0.777349	1.11087	1.11087	0.0184154	0.346265	-2.88796
cg20101066	EZH2;EZH2;EZH2;EZH2	0.0412129	0.13584	0.732121	-1.36589	0.00405293	2.11412	2.11412	0.0271711	1.6607	1.6607	0.272537	0.801274	-1.24801	0.715254	0.93139	-1.07366
cg01627594	EZR	0.00135241	0.179314	0.813091	-1.22987	0.706697	0.946641	-1.05637	0.000136668	0.383966	-2.6044	0.468651	0.898568	-1.11288	0.00550859	0.589034	-1.69769
cg04368067	EZR;EZR	2.49E-05	5.82E-07	0.109832	-9.10481	0.000514056	2.38409	2.38409	0.0158973	1.60519	1.60519	0.0544093	0.704854	-1.41873	0.0897212	0.740987	-1.34955
cg25953220	EZR;EZR	0.000375235	0.000440837	0.510976	-1.95704	0.0314005	0.736842	-1.35714	0.874554	0.981068	-1.0193	0.000606369	0.5276	-1.89537	1.16E-05	0.324933	-3.07755
cg16349616	EZR;EZR	0.000376734	0.0438137	0.624878	-1.60031	0.00201605	2.42068	2.42068	0.040445	1.61653	1.61653	0.00329491	2.25345	2.25345	0.00535567	0.475065	-2.10497
cg13026729	EZR;EZR	0.000451774	0.048762	0.620041	-1.6128	0.587112	1.12349	1.12349	0.00521151	0.457087	-2.18777	0.0444876	1.63243	1.63243	1.80E-05	0.15569	-6.42303
cg22812275	EZR;EZR	0.000730194	0.856437	0.961841	-1.03967	0.500574	1.15823	1.15823	0.0646195	0.640223	-1.56196	0.0085489	2.05606	2.05606	9.24E-05	0.223251	-4.47926
cg04088182	EZR;EZR	0.000796866	0.374362	0.873388	-1.14497	0.0138704	1.5705	1.5705	0.42797	1.12767	1.12767	0.121464	1.28309	1.28309	0.000257501	0.409359	-2.44285
cg13433729	EZR;EZR	0.00094733	0.0292575	0.617832	-1.61856	0.49102	0.877089	-1.14014	0.0671221	0.680642	-1.4692	0.863721	1.03273	1.03273	3.15E-05	0.218501	-4.57663
cg21619224	EZR;EZR	0.00278312	0.464995	0.908316	-1.10094	0.000438503	0.487573	-2.05097	0.00535598	0.622312	-1.60691	0.0749484	1.29236	1.29236	0.987672	1.002	1.002
cg16978168	EZR;EZR	0.00278743	0.792624	0.937975	-1.06613	0.00544801	2.43155	2.43155	0.590219	1.14124	1.14124	0.0832862	1.59351	1.59351	0.000536335	0.270092	-3.70244
cg07054247	EZR;EZR	0.00691145	0.15219	1.2315	1.2315	0.786749	1.0375	1.0375	0.4295	1.11571	1.11571	0.0804805	1.30109	1.30109	0.0444972	1.36788	1.36788
cg11669538	EZR;EZR	0.0130785	0.0254083	2.61645	2.61645	0.330826	1.43802	1.43802	0.748757	1.12337	1.12337	0.0232186	2.6706	2.6706	0.0166078	0.346792	-2.88357
cg22871253	EZR;EZR	0.0171496	0.00234706	0.0771652	-12.9592	0.213107	0.453328	-2.20591	0.00870183	0.133016	-7.5179	0.124639	0.366739	-2.72674	0.00459979	0.102717	-9.73547
cg17390562	EZR;EZR	0.0223726	0.0123578	0.219848	-4.54861	0.00796927	0.191238	-5.2291	0.011649	0.215802	-4.63388	0.0794719	0.388006	-2.57728	0.00820001	0.193001	-5.18132
cg14259282	EZR;EZR	0.0343519	0.0333865	1.73858	1.73858	0.618964	1.11799	1.11799	0.946903	0.985293	-1.01493	0.252185	1.30487	1.30487	0.0326302	0.573358	-1.74411
cg22787977	EZR;EZR	0.036804	0.27556	0.70791	-1.41261	0.0345986	0.472203	-2.11773	0.223908	0.67766	-1.47567	0.0695136	0.538872	-1.85573	0.00706101	0.34634	-2.88734
cg03130627	EZR;EZR	0.0407012	0.0549949	0.364778	-2.74139	0.394152	1.48892	1.48892	0.136408	2.09092	2.09092	?	?	?	0.00770489	0.197862	-5.05404
cg05035183	EZR;EZR	0.0428716	0.617213	0.850285	-1.17608	0.100061	0.559915	-1.78599	0.796726	0.920277	-1.08663	0.0791103	1.87284	1.87284	0.00252196	0.25928	-3.85683
cg15481472	EZR;EZR	0.0488672	0.231458	0.603172	-1.6579	0.739263	0.874116	-1.14401	0.0463202	0.398762	-2.50776	0.937067	1.03232	1.03232	0.019887	0.322313	-3.10257
cg25796986	F10	0.000665982	0.0138856	2.11667	2.11667	0.0228693	1.95753	1.95753	0.797699	1.06541	1.06541	0.168751	1.43582	1.43582	0.00574881	2.44234	2.44234
cg18535410	F10	0.000869064	0.00129001	0.393456	-2.54158	0.00117446	0.387878	-2.57813	0.0233121	0.583248	-1.71454	0.413054	0.846676	-1.18109	0.00224809	0.427138	-2.34117
cg01077795	F10	0.00143427	0.0518762	0.634711	-1.57552	0.0344923	0.602481	-1.6598	0.000187803	0.273924	-3.65065	0.187874	0.750684	-1.33212	7.40E-05	0.227619	-4.39331
cg05597850	F10	0.00259837	0.0564779	1.34903	1.34903	0.00145207	1.89232	1.89232	0.475986	0.904396	-1.10571	0.000892292	1.99336	1.99336	0.0767883	1.31372	1.31372
cg21860560	F10	0.00341071	0.0751738	1.94412	1.94412	0.0126768	2.82795	2.82795	0.153265	1.67047	1.67047	0.876895	0.949317	-1.05339	0.586524	0.831718	-1.20233
cg05539101	F10	0.00385059	0.424372	1.17354	1.17354	0.0225063	0.58506	-1.70923	0.00176019	0.417233	-2.39674	0.518027	1.13716	1.13716	0.000746679	0.366529	-2.7283
cg02747210	F10	0.00399308	0.673199	1.0806	1.0806	0.000934459	0.405523	-2.46595	0.0569563	0.674594	-1.48237	0.542583	1.11922	1.11922	0.000237474	0.328719	-3.04211
cg08143875	F10	0.00446082	0.0230229	3.51022	3.51022	0.00121992	8.89882	8.89882	0.539367	1.33244	1.33244	0.278148	1.68349	1.68349	0.0298138	3.25724	3.25724
cg00571156	F10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00968875	F10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21714557	F10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23389023	F10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04578149	F10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23418066	F10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09014132	F10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11340537	0.295699	1.47204	1.47204	0.98793	0.994621	-1.00541	0.00624628	3.5636	3.5636	0.127914	1.79836	1.79836	5.47339	11.0215	1.78992	1
cg00127070	0.000359465	0.493429	-2.02663	0.0342948	0.737316	-1.35627	3.37E-06	3.86643	3.86643	0.00984911	0.668602	-1.49566	39.1511	9.44323	0.2144	1
cg03599855	0.265978	1.27623	1.27623	0.022664	1.77563	1.77563	0.0276033	1.73001	1.73001	0.0706153	0.653671	-1.52982	26.6905	18.7179	0.623372	1
ch.8.2343166R	0.0623167	0.537343	-1.86101	0.0501041	0.516213	-1.93718	0.564051	0.841452	-1.18842	0.210534	0.676678	-1.47781	16.2169	22.5059	1.2336	1
cg14388466	0.00330924	0.410689	-2.43493	0.00730363	0.463248	-2.15867	0.732331	0.926474	-1.07936	0.0243441	0.550493	-1.81655	13.0995	10.2657	0.696597	1
cg14433070	0.0431146	1.21887	1.21887	0.000435731	1.60462	1.60462	0.106592	0.860827	-1.16167	0.00097868	1.51743	1.51743	10.1056	1.15779	0.10184	1
cg11170956	0.988661	0.996375	-1.00364	0.95903	0.986959	-1.01321	0.254265	0.737713	-1.35554	0.00204544	0.329388	-3.03594	7.66549	7.92743	0.919263	1
cg14028708	0.00958573	0.281226	-3.55586	0.0044304	0.230192	-4.3442	0.087768	0.48245	-2.07275	0.00229455	0.192327	-5.19947	7.37346	17.4707	2.10614	1
cg01606878	0.818087	1.05825	1.05825	0.00426098	0.390669	-2.55971	0.135743	1.48457	1.48457	0.0698651	0.607639	-1.64571	6.88806	6.58895	0.85029	1
cg10090158	0.301834	0.846197	-1.18176	0.0634073	0.721879	-1.38527	0.00966668	1.66728	1.66728	0.490298	0.896374	-1.11561	6.27663	2.42296	0.343136	1
cg11064524	0.569823	1.2175	1.2175	0.24881	0.661639	-1.5114	0.507438	0.794204	-1.25912	0.0513267	0.467552	-2.1388	5.29772	9.85036	1.65276	1
cg22024281	0.185558	0.394233	-2.53657	?	?	?	0.00952878	0.106275	-9.40952	0.629981	1.37622	1.37622	5.9801	22.2416	5.20699	1
cg24265957	0.0487206	1.96877	1.96877	0.192139	1.51505	1.51505	0.13961	1.61342	1.61342	0.0706001	0.54443	-1.83678	4.73025	6.78375	1.27477	1
cg01423426	0.515418	0.916112	-1.09157	0.0681347	1.31176	1.31176	0.888733	0.981575	-1.01877	0.0837486	1.28949	1.28949	4.4628	1.2474	0.248454	1
cg04395788	0.311451	1.37945	1.37945	0.647976	1.15167	1.15167	0.928123	1.0281	1.0281	0.0102393	0.369984	-2.70282	3.90873	5.84179	1.32849	1
cg23736754	0.011419	1.90549	1.90549	0.0284955	1.69289	1.69289	0.00456316	2.15816	2.15816	0.383919	1.1994	1.1994	3.73496	2.45344	0.583898	1
cg07252294	0.00100089	0.398198	-2.51131	0.658289	0.919531	-1.08751	0.801679	1.04858	1.04858	0.0220857	0.596113	-1.67753	7.07727	3.98174	0.500097	1
cg17479956	0.12707	0.809627	-1.23514	0.386616	0.892633	-1.12028	0.824016	0.971898	-1.02891	0.21844	1.18018	1.18018	6.41864	1.66499	0.230577	1
cg00332126	0.00507284	0.499352	-2.0026	0.381681	1.18315	1.18315	0.0303064	1.61176	1.61176	0.787998	0.950732	-1.05182	5.43329	3.02353	0.494651	1
cg06536200	0.406542	1.10157	1.10157	0.00741888	0.675085	-1.4813	0.00663524	1.49392	1.49392	0.0234636	1.3612	1.3612	5.19614	1.06814	0.182723	1
cg08133496	0.0147415	0.594224	-1.68287	0.00415393	0.51361	-1.947	0.00332032	0.499877	-2.00049	0.29518	0.828391	-1.20716	4.93215	2.3493	0.4234	1
cg02620470	0.000580572	0.772658	-1.29423	0.299577	0.949225	-1.05349	0.0165009	1.15256	1.15256	0.000394483	1.31467	1.31467	66.2106	2.46368	0.0330753	1
cg12640937	0.000887218	0.634073	-1.57711	0.000608647	1.62134	1.62134	0.000225126	1.75308	1.75308	0.00365404	1.43281	1.43281	16.5407	2.19249	0.117823	1
cg02050903	0.000714722	0.49945	-2.0022	0.00675895	0.623069	-1.60496	0.767279	1.0408	1.0408	0.0534968	1.34382	1.34382	6.52683	1.87691	0.255616	1
cg21950720	0.0131362	0.415663	-2.40579	0.000131219	0.150355	-6.65092	0.257057	0.713437	-1.40166	0.26329	0.716842	-1.39501	6.97915	9.00701	1.14716	1
cg13783323	0.0802796	0.657871	-1.52006	0.00223285	0.396886	-2.51961	0.107989	0.684901	-1.46007	0.139699	0.70965	-1.40914	5.06961	3.73961	0.655692	1
cg02599835	0.396352	0.643899	-1.55304	0.0287776	0.270627	-3.69513	0.369804	0.627002	-1.59489	0.146209	0.453583	-2.20467	3.84483	15.6425	3.61639	1
cg19938567	0.479965	1.17169	1.17169	0.0227647	0.548004	-1.8248	0.064617	0.632525	-1.58097	0.648973	0.90382	-1.10642	3.79442	2.92623	0.685504	1
cg04629204	0.0114168	0.76558	-1.3062	0.000109465	0.562824	-1.77675	3.70E-06	0.401253	-2.49219	0.434547	1.06959	1.06959	25.0746	2.82707	0.100219	1
cg13555278	0.756615	0.96228	-1.0392	0.0971782	0.798405	-1.2525	0.0621462	0.771272	-1.29656	0.0650909	1.29195	1.29195	3.47749	0.842427	0.215335	1
cg07498975	0.161825	0.469542	-2.12973	0.0501662	0.32301	-3.09588	0.158663	0.466491	-2.14366	0.0234	0.253938	-3.93796	3.43458	13.9316	3.60558	1
cg07328417	0.711453	1.0625	1.0625	0.423663	1.14264	1.14264	0.761813	1.05086	1.05086	0.713134	0.941524	-1.06211	22.8151	9.62134	0.374852	1
cg00328720	0.251172	0.689557	-1.45021	0.0022926	0.266708	-3.74942	0.411287	1.29754	1.29754	0.0012072	0.229981	-4.34819	9.19281	13.9944	1.35317	1
cg17687458	0.756333	0.899148	-1.11216	0.00482241	0.278837	-3.58633	0.933512	0.971904	-1.02891	0.0586147	0.482083	-2.07433	8.41784	15.5516	1.64218	1
cg14082097	0.244656	0.499057	-2.00378	0.491302	0.670853	-1.49064	0.569351	0.720068	-1.38876	0.836916	0.888959	-1.12491	5.48806	28.346	4.59114	1
cg25557858	0.0784738	1.25579	1.25579	0.0182794	0.716213	-1.39623	0.715215	0.958198	-1.04363	0.00370948	0.63326	-1.57913	4.89289	1.0523	0.19117	1
cg26754350	0.902458	0.972888	-1.02787	0.0395262	0.586376	-1.70539	0.105707	0.672877	-1.48616	0.292064	1.27771	1.27771	3.559	2.8329	0.70754	1
cg06693048	0.000181165	0.125096	-7.99386	0.000341672	0.150674	-6.63684	0.00176824	0.231946	-4.31136	9.48E-05	0.102092	-9.79504	20.3288	34.668	1.51588	1
cg06290070	0.00883539	0.486393	-2.05595	0.000343805	0.287667	-3.47625	0.000265793	0.273984	-3.64985	0.00236588	0.399801	-2.50124	14.9486	11.0687	0.65818	1
cg24611608	0.0577327	0.486039	-2.05745	0.000647732	0.172206	-5.80701	0.00114103	0.200183	-4.99543	0.00619208	0.301119	-3.32095	11.273	20.1841	1.59153	1
cg13043862	0.0393222	0.534146	-1.87215	0.000614427	0.249749	-4.00401	0.0197797	0.477017	-2.09636	0.00532839	0.38076	-2.62632	7.45983	8.17271	0.973833	1
cg18064025	0.00413536	0.421338	-2.37339	0.00335729	0.407791	-2.45224	0.00372076	0.414443	-2.41288	0.021239	0.536592	-1.86361	5.46441	4.37287	0.711329	1
cg24577279	0.946094	1.00876	1.00876	0.473268	1.09863	1.09863	0.112533	0.800288	-1.24955	0.671411	1.05657	1.05657	21.7895	5.73883	0.234112	1
cg03090171	0.727401	0.940956	-1.06275	0.000128505	3.1829	3.1829	0.780578	0.952596	-1.04976	0.0305881	0.642854	-1.55556	18.3463	8.78763	0.425765	1
cg16808120	0.118142	0.355048	-2.81652	0.0198204	0.179629	-5.56704	0.0411568	0.237433	-4.21172	0.351456	0.556962	-1.79545	4.44277	26.2097	5.24392	1
cg26717476	0.000369116	0.4713	-2.12179	1.19E-05	0.294535	-3.39518	0.00381146	0.597603	-1.67335	0.0999791	0.788334	-1.2685	41.1142	11.3369	0.245104	1
cg09306675	0.428521	0.879374	-1.13717	0.86055	1.02836	1.02836	1.25E-05	4.31846	4.31846	0.197429	1.24196	1.24196	10.644	4.26384	0.356077	1
cg08994982	0.404301	0.833096	-1.20034	0.125633	1.42571	1.42571	0.000119976	0.237217	-4.21555	0.785095	0.943187	-1.06023	7.8797	5.71467	0.644657	1
cg13061637	0.00853332	0.453573	-2.20472	0.00672424	0.436981	-2.28843	0.00702471	0.439997	-2.27274	0.0262284	0.537335	-1.86104	7.06656	6.21034	0.781187	1
cg06554935	0.107642	1.13819	1.13819	0.138781	1.12465	1.12465	0.605031	1.03921	1.03921	0.012762	0.796056	-1.25619	5.9743	0.514223	0.0765089	1
cg01585717	0.813413	0.963177	-1.03823	0.918404	0.983871	-1.01639	0.0174794	0.631908	-1.58251	0.531295	0.904273	-1.10586	4.73917	1.88988	0.354471	1
cg11117945	0.0686241	0.465715	-2.14723	0.00779297	0.277812	-3.59956	0.0736868	0.473529	-2.1118	0.175094	0.582347	-1.71719	4.00872	8.92448	1.9789	1
cg26046136	0.247712	0.550098	-1.81786	0.00576377	0.167081	-5.98511	0.483731	0.703302	-1.42186	0.063434	0.356221	-2.80724	3.49926	13.5542	3.44306	1
cg12041848	0.335184	0.615058	-1.62586	0.00888893	0.196279	-5.09479	0.0941738	0.406594	-2.45945	0.361715	1.58172	1.58172	4.33943	16.4375	3.36706	1
cg10965041	0.0970187	0.724167	-1.3809	0.16669	0.770086	-1.29856	0.72381	1.06488	1.06488	0.40063	1.16467	1.16467	12.5868	6.25851	0.44198	1
cg26411549	0.0593985	0.824754	-1.21248	0.0713639	0.833329	-1.20001	0.151526	1.14927	1.14927	0.0133557	1.31978	1.31978	6.92013	0.898383	0.115397	1
cg15594905	0.0272049	0.239971	-4.16718	0.701455	1.22741	1.22741	0.160866	2.23517	2.23517	0.0998353	2.64431	2.64431	4.79382	18.6693	3.40765	1
cg06319327	0.00589419	0.743904	-1.34426	0.0027564	0.712383	-1.40374	0.140283	0.877854	-1.13914	0.0244855	0.802476	-1.24614	8.93753	0.954375	0.0949181	1
cg02965931	0.000633751	0.42793	-2.33683	4.56E-06	0.182202	-5.48841	0.392109	0.867825	-1.15231	0.383933	0.865582	-1.15529	21.8805	9.05997	0.368059	1
cg09649901	0.00876371	0.586087	-1.70623	0.508536	0.898229	-1.1133	0.884856	0.977078	-1.02346	0.000446589	0.412121	-2.42647	19.8537	8.05263	0.360532	1
cg25375297	0.0526126	1.25208	1.25208	0.0397989	0.784671	-1.27442	0.00171599	1.5787	1.5787	0.59503	1.05626	1.05626	16.4873	2.71805	0.14654	1
cg10782703	0.0199437	1.5032	1.5032	0.00481522	1.72067	1.72067	0.0066799	1.66625	1.66625	0.3018	1.16792	1.16792	11.7434	3.91566	0.296386	1
cg13912545	0.00371162	2.12426	2.12426	0.000169991	3.41708	3.41708	0.00144788	2.42189	2.42189	0.701241	1.0769	1.0769	11.421	6.68116	0.519992	1
cg21296676	0.123897	1.39561	1.39561	8.61E-05	4.09632	4.09632	0.0128488	1.85531	1.85531	0.436289	1.17219	1.17219	8.40192	5.32505	0.563368	1
cg15865026	0.00150117	0.242734	-4.11974	0.0168468	0.405604	-2.46546	0.0633457	1.90815	1.90815	0.155994	0.625213	-1.59945	7.43017	11.2681	1.34803	1
cg24842760	0.0909297	1.75601	1.75601	0.00040257	5.4813	5.4813	0.00227748	3.63392	3.63392	0.305569	1.37817	1.37817	6.93506	8.92517	1.28696	1
cg24535176	0.145358	1.22539	1.22539	0.0127975	0.669009	-1.49475	0.137999	0.812518	-1.23074	0.826012	1.02903	1.02903	6.46762	1.73091	0.237891	1
cg18817392	0.0699186	0.510538	-1.95872	0.00678556	0.312285	-3.20221	0.81501	1.08085	1.08085	0.0470922	0.47058	-2.12504	6.1616	10.7391	1.54926	1
cg21390624	0.0864679	1.96803	1.96803	0.00187997	4.8346	4.8346	0.0328172	2.44149	2.44149	0.61055	1.20156	1.20156	5.71022	11.5584	1.79926	1
cg13354679	0.112194	0.306039	-3.26755	0.0132746	0.122359	-8.17265	0.107714	0.300672	-3.32588	0.0929687	0.282141	-3.54433	5.52251	40.9937	6.59824	1
cg22462983	0.479132	1.30265	1.30265	0.0349008	2.4682	2.4682	0.00789183	3.49869	3.49869	0.039609	2.39783	2.39783	5.39167	11.5328	1.90134	1
cg07327468	0.652456	1.17381	1.17381	0.0128748	2.97937	2.97937	0.0138627	2.92971	2.92971	0.0820653	1.97593	1.97593	5.38584	10.6593	1.75923	1
cg11664500	0.501647	0.870033	-1.14938	0.00350961	0.445603	-2.24415	0.785831	1.05718	1.05718	0.119786	1.4114	1.4114	5.32349	3.51409	0.586764	1
cg05062333	0.240946	0.799478	-1.25082	0.382131	0.849247	-1.17751	0.824649	0.960352	-1.04129	0.237344	1.25318	1.25318	4.69023	2.46881	0.467888	1
cg14287112	0.25752	0.750338	-1.33273	?	?	?	0.144164	1.46431	1.46431	0.148964	1.45678	1.45678	4.6457	3.86457	0.83186	1
cg23028941	0.353812	0.68401	-1.46197	0.0662805	0.440415	-2.27059	0.492431	0.757642	-1.31988	0.114354	0.504749	-1.98118	4.48359	11.2539	2.23114	1
cg06132028	0.0468126	0.594177	-1.683	0.00368794	0.407508	-2.45394	0.789144	1.06323	1.06323	0.256426	0.762656	-1.31121	4.55774	3.35686	0.73652	1
cg20422212	0.0147303	0.139274	-7.18011	0.00312866	0.0704222	-14.2001	0.243646	0.448821	-2.22806	0.197149	0.408452	-2.44827	4.07541	27.8361	6.07133	1
cg08885224	0.268031	0.817094	-1.22385	0.0474941	1.48723	1.48723	0.0653518	1.43647	1.43647	0.921539	1.0174	1.0174	3.96982	1.92736	0.431558	1
cg04548096	0.0802225	0.468285	-2.13545	0.0353747	0.383745	-2.60589	0.791478	0.901599	-1.10914	0.33931	0.680448	-1.46962	3.89029	9.4156	2.15136	1
cg01957732	0.098759	1.92948	1.92948	0.0100598	3.25233	3.25233	0.00549828	3.76302	3.76302	0.128119	1.81705	1.81705	3.62358	7.56531	1.85582	1
cg01805282	0.718514	1.17797	1.17797	0.0458979	2.81631	2.81631	0.00475228	5.4554	5.4554	0.0972368	2.27861	2.27861	3.47942	11.2836	2.88262	1
cg17722675	0.739883	1.09378	1.09378	0.500125	0.831813	-1.20219	0.21621	1.41927	1.41927	0.00604318	2.62432	2.62432	3.45994	3.96652	1.01903	1
cg14270292	0.0178107	0.450964	-2.21747	0.0191265	0.456632	-2.18995	0.182209	0.676113	-1.47904	0.0726604	0.574875	-1.73951	3.46212	4.19028	1.07584	1
cg01796493	0.00439814	0.347201	-2.88018	0.390597	0.782918	-1.27727	0.0106409	0.409235	-2.44358	0.0289341	0.488481	-2.04716	20.0455	24.57	1.08952	1
cg01342943	0.577738	0.94843	-1.05437	7.05E-05	1.97926	1.97926	0.208838	0.882733	-1.13285	0.00937755	0.733336	-1.36363	19.0716	2.67749	0.124792	1
cg11999886	0.00707711	0.435185	-2.29787	0.00415296	0.399115	-2.50554	0.310905	1.28484	1.28484	0.0305642	0.544719	-1.83581	14.0617	12.7274	0.804543	1
cg24070963	0.00761649	0.396361	-2.52296	0.0334289	0.511569	-1.95477	0.636903	1.13682	1.13682	0.00228019	0.31641	-3.16046	12.2395	14.0996	1.02397	1
cg00460691	0.0140067	0.488365	-2.04765	0.000102694	0.197123	-5.07297	0.704594	1.09414	1.09414	0.0261084	0.536052	-1.86549	8.59913	7.59894	0.785499	1
cg02628401	0.0705896	1.28192	1.28192	0.00933347	1.49972	1.49972	0.702185	1.04835	1.04835	0.0053273	0.636825	-1.57029	7.53919	1.80386	0.212679	1
cg26554042	0.0116245	0.258493	-3.86857	0.0648232	0.41089	-2.43374	0.311141	0.637981	-1.56744	0.105942	0.468889	-2.1327	5.29581	15.4294	2.5898	1
cg00252230	0.000789414	0.304116	-3.28821	0.0374148	0.567366	-1.76253	0.648091	1.11386	1.11386	0.0563722	0.602298	-1.66031	5.1792	4.51692	0.775223	1
cg04197844	0.328883	0.601609	-1.66221	0.00178178	0.106174	-9.41854	0.720535	1.19859	1.19859	0.0434191	0.309981	-3.226	4.7796	19.2485	3.57975	1
cg06426612	0.619036	1.11591	1.11591	0.625759	0.898045	-1.11353	0.746174	1.07364	1.07364	0.00365902	0.423215	-2.36286	4.26672	3.23466	0.67388	1
cg23028841	0.0177657	0.503852	-1.98471	0.174799	1.40948	1.40948	0.280792	0.765979	-1.30552	0.125887	0.674457	-1.48267	3.51178	3.14554	0.796187	1
cg12236368	0.0420749	0.432522	-2.31202	0.144369	0.570588	-1.75258	0.19191	0.609991	-1.63937	0.0306186	0.402963	-2.48162	5.38489	10.9202	1.8026	1
cg23176759	0.0839142	0.484853	-2.06248	0.0110654	0.299398	-3.34003	0.45919	1.33011	1.33011	0.205711	0.603337	-1.65745	5.33548	12.1057	2.01681	1
cg19395400	0.00057327	2.1839	2.1839	0.00281426	0.547197	-1.8275	0.0632453	1.35807	1.35807	0.201709	0.820767	-1.21837	10.8729	3.69631	0.302184	1
cg05375741	?	?	?	?	?	?	0.227932	0.45246	-2.21014	0.1359	2.76466	2.76466	6.30298	28.0314	3.81199	1
cg03623386	?	?	?	0.520789	1.65448	1.65448	0.00186151	0.0270276	-36.9993	0.868308	0.87975	-1.13669	4.12184	33.8502	7.18584	1
cg27088844	0.165916	1.26233	1.26233	0.14269	1.282	1.282	0.663021	0.933205	-1.07158	0.851937	1.0299	1.0299	3.53497	1.39182	0.349981	1
cg18494018	0.799215	1.02066	1.02066	0.000149471	0.593018	-1.68629	0.955138	1.00452	1.00452	0.0514599	0.837064	-1.19465	9.59255	0.97758	0.0905869	1
cg08558971	0.00245317	0.305803	-3.27008	0.000551252	0.221325	-4.51825	0.0204375	0.45589	-2.19351	0.0118352	0.413284	-2.41964	8.89482	11.1371	1.11297	1
cg10407894	0.790008	1.07019	1.07019	0.000333069	0.229566	-4.35605	0.129497	1.51638	1.51638	0.0759605	0.605352	-1.65193	8.59452	8.79315	0.909432	1
cg05295594	0.637964	1.1008	1.1008	0.333441	1.22404	1.22404	0.558455	1.12739	1.12739	0.405874	0.841717	-1.18805	5.94551	3.86641	0.578051	1
cg02303805	0.0154074	0.259196	-3.85808	0.00451389	0.179291	-5.57753	0.0112953	0.236713	-4.22453	0.0609224	0.383172	-2.6098	5.86798	19.1666	2.90338	1
cg02716952	0.109973	0.524068	-1.90815	0.0956966	0.507263	-1.97136	0.0953697	0.506858	-1.97294	0.709097	1.14911	1.14911	3.39511	7.39601	1.93638	1
cg20101066	0.804067	1.0494	1.0494	0.221347	0.77928	-1.28324	0.864929	0.967511	-1.03358	0.405152	1.17967	1.17967	3.64276	2.17124	0.529816	1
cg01627594	0.463436	0.897398	-1.11433	0.000209736	0.406804	-2.45819	0.451629	1.11767	1.11767	0.0106447	0.627608	-1.59335	10.7961	3.5978	0.296222	1
cg04368067	0.0686074	0.721331	-1.38633	0.00275098	0.515763	-1.93887	0.671979	0.934024	-1.07064	0.0939056	0.744397	-1.34337	31.9812	13.0077	0.361537	1
cg25953220	0.0186886	0.708352	-1.41173	0.290185	0.875639	-1.14202	0.0358	0.74416	-1.3438	0.0203783	0.71306	-1.40241	15.4702	3.58581	0.206034	1
cg16349616	0.0881924	0.682637	-1.46491	0.000967701	2.70947	2.70947	0.000363763	3.18825	3.18825	0.00440945	2.16255	2.16255	15.4532	10.0785	0.579729	1
cg13026729	0.561355	1.13284	1.13284	0.835773	0.956873	-1.04507	0.0074147	2.08031	2.08031	0.0674779	0.647206	-1.5451	14.6977	10.4987	0.634941	1
cg22812275	0.796785	1.05701	1.05701	0.000456112	0.30537	-3.27472	0.0368566	1.68352	1.68352	0.270597	0.781583	-1.27945	12.8578	9.39922	0.649791	1
cg04088182	0.00598661	1.70465	1.70465	0.000358956	2.33964	2.33964	0.141713	1.26438	1.26438	0.258359	0.839376	-1.19136	12.5459	4.37984	0.310314	1
cg13433729	0.708291	1.07301	1.07301	0.112614	0.723389	-1.38238	0.00933991	1.8554	1.8554	0.00741939	0.523828	-1.90902	11.9483	6.65153	0.494839	1
cg21619224	0.408889	0.896524	-1.11542	0.00673892	1.57506	1.57506	0.0563996	1.32229	1.32229	0.325462	0.876954	-1.14031	8.75061	2.31769	0.235432	1
cg16978168	0.0481333	1.73135	1.73135	0.248276	1.34086	1.34086	0.0062343	2.37833	2.37833	0.124991	0.667926	-1.49717	8.74661	8.18111	0.831419	1
cg07054247	0.135672	0.803873	-1.24398	0.000218793	2.30843	2.30843	0.647559	1.06448	1.06448	0.100274	0.783135	-1.27692	6.64142	1.93862	0.259465	1
cg11669538	0.184136	1.66538	1.66538	0.00727978	3.50137	3.50137	0.0146764	2.96716	2.96716	0.422865	0.743512	-1.34497	5.41948	11.2498	1.84517	1
cg22871253	0.883698	1.09234	1.09234	0.538216	0.68658	-1.45649	0.0281775	0.209314	-4.77751	0.111189	0.350993	-2.84906	4.95494	28.5698	5.12527	1
cg17390562	0.160918	0.482727	-2.07156	0.0448507	0.326336	-3.06432	0.0362968	0.306118	-3.26672	0.044436	0.325422	-3.07293	4.52775	16.9614	3.32987	1
cg14259282	0.221818	1.33064	1.33064	0.00457688	2.31601	2.31601	0.295366	1.27305	1.27305	0.0854362	1.5265	1.5265	3.89335	3.0517	0.696733	1
cg22787977	0.447461	0.789949	-1.2659	0.018	0.416751	-2.39951	0.00620464	0.337327	-2.96449	0.138101	0.61493	-1.6262	3.79721	5.57753	1.30565	1
cg03130627	?	?	?	0.77976	1.13591	1.13591	0.442302	0.699746	-1.42909	0.0645935	0.382645	-2.61339	4.12204	10.2634	2.48989	1
cg05035183	0.490346	1.25296	1.25296	0.693901	1.13577	1.13577	0.253138	1.46836	1.46836	0.339591	0.728483	-1.37272	3.58984	5.88969	1.45836	1
cg15481472	0.943224	1.0291	1.0291	0.0118189	3.54735	3.54735	0.278545	1.57434	1.57434	0.467648	0.742538	-1.34673	3.41773	8.78214	2.28407	1
cg25796986	0.75672	0.926207	-1.07967	1.64E-05	8.91772	8.91772	0.00147313	3.10235	3.10235	0.00979747	2.23795	2.23795	13.1937	12.716	0.856704	1
cg18535410	0.00358286	0.456304	-2.19152	0.0433979	1.58727	1.58727	0.0208786	1.73838	1.73838	0.00335656	0.45217	-2.21156	12.243	7.67013	0.55688	1
cg01077795	0.0299433	0.591663	-1.69015	0.55628	0.884895	-1.13008	0.0467084	0.62627	-1.59676	0.65377	0.911398	-1.09722	10.6155	7.09939	0.594466	1
cg05597850	0.266619	1.17406	1.17406	0.439361	1.11555	1.11555	0.412111	0.890238	-1.12329	0.00333477	0.574697	-1.74005	8.92994	2.71855	0.270605	1
cg21860560	0.320064	0.708404	-1.41162	0.000133175	9.22903	9.22903	0.00508906	3.46362	3.46362	0.0588333	2.04627	2.04627	8.23723	14.6869	1.58488	1
cg05539101	0.405456	1.18169	1.18169	0.0436082	1.57625	1.57625	0.740267	1.06743	1.06743	0.0577186	0.656453	-1.52334	7.94302	4.83979	0.541612	1
cg02747210	0.924899	0.982918	-1.01738	0.933755	0.984923	-1.01531	0.578387	1.10803	1.10803	0.121548	0.73585	-1.35897	7.85659	4.15508	0.470103	1
cg08143875	0.102179	2.28457	2.28457	0.000380037	13.7593	13.7593	0.00350761	6.22727	6.22727	0.0769103	2.48078	2.48078	7.59785	25.671	3.00331	1
cg00571156	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00968875	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21714557	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23389023	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04578149	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23418066	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09014132	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Ratio(527T vs. N)	Fold-Change(527T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg15608744	F10	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472	0.3472
cg14904725	F10	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473	0.0261473
cg23172057	F10	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055	0.2129055
cg02637285	F10	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732	0.0329732
cg26955035	F10	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973	0.0459973
cg08548500	F10;F10	0.0013967	0.0102888	0.5728721	1.7459	0.0403568	1.50379	1.50379	0.329588	1.18927	1.18927	0.00130021	1.446206	2.24112	0.00152228	0.455463	2.19557	0.0184147	1.63667	1.63667	0.00950512	1.76123	1.76123	0.07383604	0.709043	1.40958	0.938399	0.086727	1.0134	1.01666	0.02836	0.5238	0.417857	1
cg07196637	F11	0.00594721	0.00767097	0.473226	-2.11315	0.5955668	0.8896116	-1.12408	0.968928	0.991531	-1.00854	0.00534399	0.448808	-2.22813	0.000250418	0.267416	-3.73949	0.38189	1.21629	1.21629	0.327599	0.802	-1.24688	0.08385555	0.658564	-1.51846	0.487711	0.857324	-1.16642	0.95811	5.2536	0.67114	1
cg09301559	F11	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578	0.0073578
cg23284575	F11R	0.144E-06	0.2496913	1.2063	0.2496725	1.57839	0.6634941	1.507698	0.1664844	0.885774	1.0178	0.1578	0.0728216	1.05293	1.05291	0.2232	-1.29172	0.1329714	0.883378	-1.13202	5.35E-07	0.53292	5.53292	2.22E-07	6.79371	0.0366112	0.742185	1.34737	53.4301	12.7534	0.212171	1
cg00945666	F11R	0.00180119	0.0113352	3.4233	3.4233	7	7	7	0.881622	1.05954	1.05954	0.0102633	0.284883	-3.51022	0.00660655	0.254454	-3.92998	0.139322	1.85431	1.85431	0.0026471	0.19003	-5.02436	0.00547841	4.12727	4.12727	0.0820446	0.473402	-2.11237	10.1686	21.5653	2.12077	1
cg20170599	F11R	0.00182784	0.0024582	0.3353	-2.98193	0.1607232	0.8670333	-1.15336	0.6477915	0.8466696	1.54632	0.0922206	1.00093	1.000937	1.88081	0.1588081	1.88081	0.195623	0.737104	1.03714	0.0157828	0.341311	-2.92988	0.00011610	8.11614	11.6514	0.246662	0.643718	-1.55348	7.965111	16.6632	1.85958	1
cg11161846	F11R	0.00409517	0.2304133	1.57153	1.57153	0.1982	1.93596	1.62996	0.150788	1.73908	1.73908	0.0489035	0.445725	-2.24529	0.0014455	0.36532	-2.75	0.2154582	1.639755	1.639755	0.0710729	0.2570	-2.84032	0.00372649	6.23537	6.23537	0.0250972	0.44837	-2.2303	7.797	15.94	1.81722	1
cg13567636	F11R	0.0079682	0.917647	0.954175	-1.04803	0.47044	1.39517	1.39517	0.2985	1.25087	2.05097	2.05097	0.6418513	1.25569	-1.82569	0.605826	0.789708	-1.26629	0.425429	0.691324	-1.4465	0.3012091	0.623342	-1.60683	0.000119182	21.1645	21.1645	0.284672	1.75522	1.75522	6.3521	20.694	2.89584	1
cg05754905	F11R	0.00863385	0.285721	0.67107	-1.49016	0.0606594	0.9586051	-1.04313	0.938309	1.02836	1.02836	0.0613116	1.04336	1.04336	0.0350125	0.276244	-3.61999	0.0003144237	0.1226116	-8.17555	0.0107372	0.3381558	-2.95733	0.00013258	0.2372118	4.21648	0.0075945	0.653381	-1.52993	0.135395	12.6953	1.82206	1
cg23055938	F11R	0.0139958	0.367574	0.8439	-1.15226	0.2079065	1.3435	1.49335	0.571876	1.09143	1.09143	0.6962117	1.06193	1.06193	0.4484145	1.11594	-1.11504	0.406309	1.13885	1.13885	0.197198	1.23218	1.24054	0.54822525	0.911149	-1.09752	0.70382	1.37589	1.33202	1.33202	0.238504	0.5238	0.417857	1
cg06625767	F12	2.04E-05	0.00012494	0.433583	-2.30636	0.00304423	1.66115	1.66115	7.62E-07	0.189353	-5.28116	0.000644307	0.519659	-1.92434	0.00265223	0.594647	-1.68167	0.0003719968	0.490708	-2.03787	0.811696	0.9706504	-1.03029	0.3213321	0.8797771	-1.13666	0.014646	0.6867867	-1.45606	33.6995	8.34147	0.220022	1
cg12332156	F12	2.94E-05	0.0935515	0.727255	-1.30335	0.2370704	0.9456919	-1.05771	0.1021	0.8244012	0.680262	-1.47002	0.119218	1.27493	1.27493	0.566-07	0.142352	-7.02482	0.8835111	1.03128	1.03128	0.0715073	1.33523	1.33523	0.2705	1.18397	1.68197	6.61E-05	0.349565	-2.8607	50.6297	10.01	0.290496	1
cg06105778	F12	0.0030594492	0.0105754	0.667562	-1.49676	1.80E-05	3.005555	0.700873	1.49E-06	1.04968	0.00567283	0.838365	-1.57755	0.0136844	0.71838	-1.39205	0.3660334	0.0139009	0.68265	-1.46488	0.164668	0.83008	-1.2047	0.148293	0.8229997	-1.21507	0.334138	0.88235	-1.13334	15.6537	3.91262	0.222176	1
cg18139447	F12	0.01122595	0.891009	1.01668	1.01668	0.546258	1.07645	1.07645	0.0260858	0.727204	-1.37513	0.000743243	1.8549	1.8549	0.877104	1.01885	1.01885	0.3666331	0.894132	-1.1184	0.0144732	1.43841	1.43841	0.347393	0.8898821	-1.12382	0.824372	1.02718	1.02718	5.68957	1.31172	0.204932	1
cg07360297	F12	0.1538202	0.158025	0.705145	-1.41835	0.0220485	2.68183	2.68183	0.0077826	0.453945	-2.20524	0.113	0.6003245	-1.66548	0.0154477	0.598897	-1.67074	0.210082	0.736295	-1.35787	0.422135	1.20836	1.20836	0.768222	1.074044	1.074044	0.538172	0.865609	-1.15519	4.62412	4.624012	0.875045	1
cg14126493	F12	0.041439	0.538155	0.905175	-1.10476	0.465054	1.26219	1.26219	0.361329	0.860723	-1.16181	0.588977	1.09111	1.09111	0.0102626	0.263963	0.513971	-1.94563	0.108219	0.757512	-1.32026	0.0194201	0.635551	-1.57096	0.96523	1.00699	1.00699	0.389088	1.15152	1.63539	0.473004	1
cg19576697	F12	0.0459273	0.023952	0.58052	-1.72302	0.0205912	1.923342	1.923342	0.0119886	0.6134	1.630293	0.0126866	0.260683	3.83611	0.0013198	0.445363	2.245	0.0139284	0.601937	1.661297	0.0154564	0.2754	3.630758	0.0004468	0.194071	5.15274	0.0082358	0.760663	-1.31404	0.016578	60.26045	13.8708	0.340419	1
cg19758508	F12	0.0470207	0.0570282	0.330023	-3.03009	0.6691711	0.35107	-2.84843	0.94841	0.967236	-1.03387	0.293453	0.570614	-1.7525	0.0536359	0.323613	3.090111	0.152846	0.579427	-1.72584	0.132563	1.78335	1.78335	0.46391	1.30436	1.30436	0.00156231	0.197874	-5.05371	6.20562	12.4865	1.78856	1
cg00183595	F2	4.05E-05	0.0491824	0.7139	-1.40065	0.1426425	0.929337	-1.07472	0.6948495	0.8782328	-1.13879	0.0047202	0.388986	-2.57025	0.0001294	0.210838	-4.74075	0.0003500	0.195077	-5.12817	0.0175971	0.48514	-2.06126	0.215823	0.4633137	0.0015645	0.2178	-4.59193	0.0003242	0.1705	-5.86375	17.7041	25.3091	2.36393	0.8980601	1
cg08549282	F2	7.48E-05	0.000405245	0.2985533	-3.34949	2.35E-05	0.162628	6.14902	0.2293345	0.575283	-1.73665	0.141485	0.691077	-1.44702	3.09E-06	0.092185	-10.8478	0.003888828	0.434328	2.30719	0.146642	0.715332	-1.39795	0.032351	0.4215526	-2.37233	0.408479	0.833769	-1.20002	0.29128	3.43315	27.5178	0.650978	1
cg18868540	F2	0.00064385	0.00276104	0.472084	-2.11827	0.0129917	1.75128	1.75128	0.0001059	0.288186	-3.46998	0.00250474	0.466129	-2.14533	0.00556937	0.515855	-1.93853	0.001565584	0.43781	-2.28409	0.192419	0.778179	-1.28505	0.0301561	0.6290917	-1.58958	0.0113799	0.57505	-1.73898	13.319	6.9708	0.46522	1
cg05450701	F2	0.00788519	0.385112	0.7139	-1.40065	0.1426425	0.929337	-1.07472	0.6948495	0.8782328	-1.13879	0.0047202	0.388986	-2.57025	0.0001294	0.210838	-4.74075	0.003500	0.195077	-5.12817	0.0175971	0.48514	-2.06126	0.215823	0.4633137	0.0015645	0.2178	-4.59193	0.0003242	0.1705	-5.86375	17.7041	25.3091	2.36393	0.8980601	1
cg26453360	F2	0.00453092	0.237279	0.703975	-1.42051	0.0200069	2.2163	2.2163	0.01075945	0.282655	-3.53788	0.312326	0.74356	-1.34498	0.00391334	0.222175	-4.50095	0.561012	1.18134	1.18134	0.287111	1.36802	1.36802	0.577755	1.17284	1.17284	0.733422	0.907631	-1.10177	56.1699	13.6261	1.13153	1
cg00199333	F2	0.00777839	0.00217134	0.3184	-3.14011	0.0134131	1.74141	1.74141	0.0001655	0.248663	-4.02313	0.0003	0.27507	-3.63631	0.00222262	0.577707	-1.73207	0.002380	0.23746	-4.21239	0.0003	0.28386	3.524	0.115183	0.385529	2.59667	0.0013	0.192	-5.20536	0.0348853	0.525457	1.84111	0.540642	0.956563	1
cg00371195	F2	0.00944261	0.00806045	0.402534	-2.48426	0.106116	0.619215	-1.61495	0.131659	0.642765	-1.55578	0.180481	1.47141	1.47141	0.00226753	0.313523	-3.18956	0.25652	1.3794	1.3794	0.00386984	0.347571	-2.87711	0.801198	0.9337773	-1.07092	0.0895599	0.601492	-1.66253	0.6198	7.03221	1.03838	1
cg05405094	F2	0.01415564	0.649284	0.91247	-1.09591	0.4764513	1.12621	1.12621	0.2764014	0.814564	-1.22812	0.1014378	0.8213779	1.21725	0.0096402	0.203694	-4.90917	0.0003	0.00156159	0.144118	0.97475	0.0003	0.024274	0.143	0.0029903	0.337482	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1
cg22329286	F2	0.01668849	0.0415186	0.207861	-4.81201	0.0753445	0.687958	-1.45358	0.481287	0.69774	-1.43149	0.530709	1.52872	1.52872	0.0183822	0.3525	0.0518953	-19.2696	0.066262	0.252391	-3.96211	0.0351914	0.070153	-14.0815	0.0782955	0.270573	-3.69586	0.0432271	0.21137	-4.73104	5.00065	35.3746	6.288	1
cg00004601	F2	0.045888	0.9156	0.942761	-1.06071	0.582656	1.36148	1.36148	0.0272301	0.233854	-4.27618	0.788607	0.861207	-1.16116	0.00920403	0.159065	-6.28674	0.0077254	0.14917	-6.70377	0.599501	0.7448515	-1.34262	0.347974	1.71134	1.71134	0.740712	0.831402	-1.20279	3.49979	17.136	4.35227	1
cg00304127	F26	0.00156197	0.2496913	1.2063	0.2496725	1.57839	0.6634941	1.507698	0.1664844	0.885774	1.0178	0.1578	0.0728216	1.05293	1.05291	0.2232	-1.29172	0.1329714	0.883378	-1.13202	5.35E-07	0.53292	5.53292	2.22E-07	6.79371	0.0366112	0.742185	1.34737	53.4301	12.7534	0.212171	1
cg10744391	F26	0.00166584	0.214172	0.740576	-1.3503	0.0927814	1.52917	1.52917	0.0065034	0.290686	-3.44014	0.0940457	0.469519	-2.12984	0.00117978	0.335312	2.9823	0.358122	0.840924	-1.24235	0.346-06	0.0397223	-10.6698	0.174505	1.03931	1.03931	0.0775792	0.637319	-1.56907	10.3029	16.1216	0.742391	1
cg00568022	F26	0.00258408	0.1295	1.23505	1.23505	0.0222601	5.2325	5.2325	0.2939	0.705436	0.988553	-1.01056	0.0163291	0.318243	-3.14226	0.0067417	0.254164	-3.93447	0.997623	1.0016	1.0016	0.4961	0.997623	1.00156	1.00156	0.4961	0.997623	1.00156	1.00156	1.00156	1.00156	1.00156	1.00156	1.00156	1
cg00895808	F26	0.077085	0.35874	0.95874	0.050908	0.21057	2.13957	2.13957	0.07483441	0.512429	-1.95149	0.0454354	0.456657	-2.18933	0.00056056	0.160894	-6.21529	0.614352	0.840492	-1.18978	8.15E-05	0.0880707	-11.3545	0.342702	2.91707	2.76559	0.0644749	0.853064	1.17225	12.1387	22.4884	3.64677	1
cg13436055	F28	0.00105828	0.0417306	0.831983	-1.20195	0.814617	1.01858	1.01858	0.37182	0.930558	-1.07462	0.144747	0.884492	-1.13059	0.00504125	0.300165	3.32911	0.772513	1.02297	1.02297	0.65785	0.96567	-1.03555	0.980291	0.915937	-1.09178	0.000205821	1.6278	1.6278	11.5789	1.1261	0.0864487	1
cg22524168	F28	0.00107694	0.66048	1.14364	1.14364	0.0017041	1.75315	1.75315	0.0015	0.343855	2.9063	1.13737	1.58	1.58	0.00246079	0.301808	3.31337	0.078355	1.57864	1.57864	0.0013706	0.539781	1.85293	1.85293	0.0013706	0.539781	1.85293	1.85293	0.0013706	0.539781	1.85293	1.85293	0.0013706	0.539781	1
cg02047489	F28	0.04538118	0.00307449	0.636562	-1.57094	0.199101	0.859653	-1.16326	0.0456479	1.29099	1.29099	0.675424	1.04805	1.04805	0.851922	1.02105	1.02105	0.231639	0.869509	-1.15007	0.555485	0.935699	-1.06872	0.403821	1.09989	1.09989	0.3997844	1.11083	1.11083	3.51438	0.6913395	0.174874	1
cg25585647	F28;F2R	0.00107353	0.00197353	1.5105	1.5105	0.0734917	0.182412	-1.20713	0.0288238	1.27529	1.27529	0.0145117	1.32854	1.32854	8.37E-05	0.512917	-1.94963	0.885794	1.03731	1.03731	0.3966432	1.00039	1.00039	0.997432	1.00383	1.00383	0.959678	1.00478	1.00478	1.00478	1.65305	0.12328	1
cg14543764	F2R1	0.00014582	0.00087928	0.265439	-3.76734	0.035448	0.521384	-1.91797	0.0042579	0.361571	-2.76569	0.98529	0.995109	-1.00492	0.0143045	0.0447825	-2.23301	0.062642	0.252391	-3.96211	0.0351914	0.070153	-14.0815	0.0782955	0.270573	-3.69586	0.0432271	0.21137	-4.73104	5.00065	35.3746	6.288	1
cg19697842	F2R1	0.00010812	0.00109938	1.80643	1.80643	0.94385	0.991382	-1.00869	0.0617701	1.29498	1.29498	0.0323334	0.734792	-1.36093	0.0140395	0.737865	-1.35526	0.7144	1.0462	1.0462	0.0164295	1.43373	1.43373	0.0785031	1.27142	1.27142	9.33E-06	0.3085525	-3.24122	18.8996	4.51927	0.212551	1
cg26370729	F2R1	0.0559913	0.407617	0.763453	-1.30976	0.245429	1.45632	1.45632	0.0249329	0.747792	1.33756	0.0256553	0.97438	1.45976	0.0130662	0.350071	-2.85571	0.1026	0.6798847	1.47096	0.0156419	0.144118	0.97475	0.0029903	0.337482	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1
cg11258404	F2R1	0.0279196	0.0960481	2.833	2.833	0.081357	3.06029	3.06029	0.187328	2.21707	2.21707	0.598625	1.35341	1.35341	0.0435043	0.47442	0.47442	0.060516	3.39553	3.39553	0.0054371	13.3932	13.3932	0.0158565	5.38391	5.38391	0.0572308	3.40619	41.9203	21.5507	4.56966	1
cg12518140	F2R1	0.0049825	0.0056468	2.2232	2.2232	0.0139561	2.18891	2.18891	0.0010266	0.166574	-6.00763	0.0001	0.144277	-6.93127	0.0001	0.120064	-8.3284	0.0858865	1.73	1.73	0.0043817	0.58348	1.71434	1.71434	0.0043817	0.58348	1.71434	1.71434	0.0043817	0.58348	1.71434	1.71434	0.0043817	0.58348	1
cg02529909	F2R1;IQGAP2	0.00637585	0.7744731	0.06161	1.06162	0.000822195	0.350262	-2.85501	0.006634744	0.480293	-2.08206	0.1627	0.733305	-1.36369	0.940486	1.01566	1.01566	0.0691458	1.52693	1.52693	0.0385796	1.64663	1.64663	0.0473763	0.6236446	-1.60347	0.713222	0.926044	-1.07986	6.80998	6.67252	0.609893	1
cg08241785	F2R1;IQGAP2	0.0242143	0.0498236	0.476024	-2.10073	0.0398934	0.276924	-3.6111	0.175643	0.620151	-1.61251	0.0841603	0.530499	-1.88502	0.0071103	0.315584	-3.16773	0.0459479	0.648140	-2.13607	0.00695203	0.313913	-3.1856	0.145936	0.595754	-1.67855	0.177384	0.621491	-1.60903	4.04581	7.68123	1.54972	1
cg26871350	F2R1;IQGAP2	0.0145206	0.0585904	0.4122	-2.42603	0.0159362	0.9532	-1.04931	0.7185	0.9552	-1.04671	0.241437	0.719556	1.08	0.0006098	0.855125	-1.16743	0.0027872	0.3226	0.3226	0.0034626	0.2766	0.6686793	0.545459	-1.83332	3.23E-05	0.0902702	-11.0778	0.000297832	0.173566	-5.76149	0.010275	0.382091	-2.61718	15.0199	21.0472	1.24559	1
cg19006008	F2R1	0.00417678	0.00618193	0.345712	-2.89258	0.000237725	0.163542	-6.11464	0.0101463	0.381158	-2.62358	0.0048606	0.32934	-3.03638	0.0109363	0.386735	-2.58575	0.0686793	0.545459	-1.83332	3.23E-05	0.0902702	-11.0778	0.000297832	0.173566	-5.76149	0.010275	0.382091	-2.61718	15.0199	21.0472	1.24559	1
cg14021375	F2R1	0.00346051	0.0138656	0.3613	-2.76835	0.0107316	0.192186	-5.20387	0.0017819	0.276179	-3.61936	0.0027878	0.381202	-2.62359	0.0007444	0.159603	-6.26258	0.0010577	0.263766	-3.79214	0.0001744	0.119923	-8.33976	0.0003872	0.1922	-5.20243	0.0001656	0.1634	-6.12197	0.0004	0.453782	2.20137	0.543565	1
cg08067617	F2R1	0.00717397	0.0610373	0.134263	-3.18205	0.0393241	0.285015	-3.50859	0.0107905	0.356225	-2.80722	0.0127493	0.367605	-2.72031	0.0133728	0.371277	-2.69341	0.2655384	0.687054	-1.45549	0.0025192	0.257359	-3.88562	0.0070904	0.4132301	-3.00932	0.0358027	0.453892	2.20137	0.543565	1
cg08066035	F2R1	0.00972243	0.0219351	0.12556	-7.96434	0.0285152	0.142168	-7.03394	0.00233025	0.0404135	-24.7442	0.0103256	0.0872558	-11.4606	0.0997893	0.256305	-3.90161	0.0524762	0.189315	5.2822	0.00141272	0.0305646	-32.7176	0.0218671	0.1253174	-7.9761	0.134086	0.2953384	-3.38542	5.96402	53.8123	8.02029	1
cg23156637	F2R1	0.02115667	0.0267802	0.167819	-5.95826	0.0290547	0.1863	-5.36306	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	0.0073	0.2812621	-3.55	1
cg23948016	F2R1	0.0157739	0.619731	1.06926	1.06926	0.395142	0.889947	-1.12366	0.0208416	0.689107	-1.45115	0.45267	1.19081	1.10801	0.701675	0.949777	-1.05288	0.0075152	1.58498	1.58498	0.0157863	1.29489	1.29489	0.0033807	1.70504	1.70504	0.317243	1.14845	1.14845	5.09044	1.44631	0.252326	1
cg05211836	F2R1	0.0209819	0.0768447	0.519362	-1.92496	0.0229362	2.294436	2.294436	0.0035059	0.4	2.5	0.1882824	1.04114	1.04114	0.0480885	-2.0795	0.1081634	0.1080102	0.408	0.2450588	0.1431044	0.2570	-2.9405	0.0003	0.1941	-5.15198	0.0003	0.1941	-5.15198	0.0003	0.1941	-5.15198	0.0003	0.1941	-5.15198	1
cg02525655	F2R1	0.0236858	0.662462	1.11531	1.11531	0.00678328	0.418217	-2.3911	0.0101479	0.44679	-2.23819	0.285397	1.31743	1.31743	0.290886	1.31302	1.31302	0.8186557	1.944537	-1.05872	0.046056	1.76475	1.76475	0.140409	1.48299	1.48299	0.469151	1.2008	1.2008	4.4396	0.34076	0.8691	1
cg10256396	F2R1;F2R1;F2R1;3	7.74E-06	0.000259194	0.431462	-2.31566	1.40E-05	0.282031	-3.5457	4.62E-05	0.341938	-2.92691	2.61E-05	0.31262	-3.19877	1.58E-05	0.287894	-3.4735	0.0004625	0.461168	-2.16841	8.72E-07	0.160808	-6.21858	7.64E-05	0.367286	-2.72267	0.000203781	0.418368	0.354526	13.4044	27.4803	1	
cg07387634	F3	0.00175832	0.0668513	0.741594	-1.34866	0.0419431	0.598207	-1.67182	0.0008	0.2116486	3.9455	0.0004401	0.21343	-4.68405	0.0001	0.1186967	8.4233	0.0002	0.1186967	8.4233	0.0001	0.1186967	8.4233	0.0002	0.1186967	8.4233	0.0001	0.1186967	8.4233	0.0002	0.1186967	8.4233	0.0001	0.1186967	8.4233	1
cg25893275	F3	0.00246801	0.445062	0.917476	-1.08995	3.10E-05	0.45828	2.45828	0.896078	1.01456	1.01456	0.589025	0.94144	-1.0622	0.850644	1.02107	1.02107	0.5017	0.927337	-1.07836	0.132066	0.8354514	-1.19701	0.84649	1.02168	1.02168	0.4173	1.09604	1.09604	0.06633	1.75758	0.172318	1
cg03460527	F3	0.00380753	0.0184264	0.4164	-2.40194	0.0134844	0.2334	-4.28344	0.0048	0.2418	-4.1351	0.0037977	0.244286	-4.09473	0.0013336	0.2708	-3.69344	0.084328	0.2925	-3.4205	0.0013336	0.2708	-3.69344	0.084328	0.2925	-3.4205	0.0013336	0.2708	-3.69344	0.084328	0.2925	-3.4205	0.0013336	0.2708	-3.69344	1
cg06881898	F3	0.00333866	0.533544	1.32165	1.32165	0.08802002	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
ps2130232	FABP5	0.0361646	0.0500445	12.1896	12.1896	0.0227534	2.1287	21.1287	0.0683636	9.7919	9.7919	0.1116609	9.09755	9.09755	0.342277	2.94658	2.94658	0.0423084	13.7436	13.7436	0.0047798	66.1153	66.1153	0.0148958	28.5388	28.5388	0.0683703	9.77821	9.77821	8.8215	75.796	17.6303	1
ps16128701	FABP5	0.0369885	0.0417193	13.6638	13.6638	0.1073311	2.08403	7.08403	0.150254	5.57174	5.57174	0.0764728	9.88035	9.88035	0.199025	4.63083	4.63083	0.0477434	12.4467	12.4467	0.0034419	83.541	83.541	0.013373	30.3457	30.3457	0.0431311	13.3528	13.3528	7.90279	74.4762	17.4659	1
ps15147690	FABP5	0.0445089	0.0507656	12.286	12.286	0.0852858	8.53514	8.53514	0.139454	6.00439	6.00439	0.1004	7.60296	7.60296	0.146531	5.7918	5.7918	0.0520822	12.0678	12.0678	0.0043910	72.7513	72.7513	0.0155774	28.3039	28.3039	0.0539612	11.7721	11.7721	3.54003	71.221	17.8834	1
ps18534176	FABP5L3;MLL3	0.0002231	8.47E-06	5.1494	5.1494	0.703136	0.00021	-1.06686	0.1558007	8.852334	-1.1725	2.218236	0.1803387	-1.24473	0.597508	0.913871	-1.09425	8.2828	1.02067	1.02067	0.1209	0.8447	0.8447	0.1033	1.03308	1.03308	8.81E-05	3.27966	3.27966	0.1247	1.12439	1.12439	17.8332	8.07003	0.4022	1
ps17322443	FABP5L3;MLL3	0.0008615	0.0008812	2.48088	2.40888	0.0519413	0.68452	-1.46961	0.587	0.908932	-1.10019	0.514946	0.121582	1.12182	0.611058	0.91457	-1.09341	0.801947	0.957188	-1.04473	0.217665	1.2533	1.2533	3.49E-05	4.02533	4.02533	0.1198201	0.7891188	-1.26713	12.2586	5.88451	0.426696	1
ps19258062	FABP5L3;MLL3	0.0015947	0.0008982	1.49341	1.49341	0.0308056	0.61322	-1.63074	0.566102	0.932378	-1.07253	0.2615391	0.8683197	-1.15381	0.0119158	0.5635618	-1.77441	0.7932777	1.03222	1.03222	0.0200623	0.7123734	-1.40305	0.0017196	1.71348	1.71348	0.302506	0.8790312	-1.13761	10.2973	2.35642	0.205139	1
ps16880856	FABP5L3;MLL3	0.0050846	0.0004616481	2.87354	2.87354	0.905156	1.02273	1.02273	0.328299	1.20952	1.20952	0.314227	1.21679	1.21679	0.154092	1.33329	1.33329	0.292424	0.813891	-1.22867	0.314894	0.8220772	-1.21644	0.0007345128	2.63056	2.63056	0.342442	1.2025	1.2025	7.3011	4.10996	0.500376	1
ps18341960	FABP6	0.0019208	0.1145997	1.26794	1.26794	0.0800132	2.49363	2.49363	0.0913845	1.02851	1.0285	0.0516139	1.35951	1.3591	0.171279	0.818043	-1.22243	0.0795297	1.30883	1.30883	0.4506355	0.8993137	-1.11196	0.0773984	0.762576	-1.31134	7.64E-06	3.885123	3.885123	18.416	5.55957	0.268344	1
ps15599796	FABP6	0.0170912	0.0411243	0.744155	-1.34035	0.589056	0.908717	-1.10045	0.0103402	0.830331	-1.58647	0.867204	0.1042	-1.42	0.0410424	0.0007349	-1.36148	0.0153191	0.653536	-1.53002	0.1042177	0.775872	-1.28887	0.007349	0.730297	-1.35264	0.0386891	0.710295	-1.40787	9.6026	1.603559	0.287347	1
ps17676824	FABP6;FABP6;FABP6	0.0028534	0.515568	1.05218	1.05218	0.00060906	0.665291	-1.5031	0.00159971	0.705155	-1.41813	0.047552	1.19107	1.19107	0.432886	1.0637	1.0637	0.0581964	1.1796	1.1796	2.68E-05	1.89644	1.89644	0.579085	1.04418	1.04418	0.872638	1.01246	1.01246	16.6771	1.57239	0.0838083	1
ps13008094	FABP6;FABP6;FABP6	0.0004229	0.7382884	1.01485	1.01485	4.30E-05	0.0014222	-1.44972	0.0001772	0.6344414	0.9345502	-1.06096	0.0001239766	0.7107795	0.0178766	0.7230806	-1.36462	0.980115	1.00698	1.00698	0.0010635	1.2051111	1.2051111	0.0045704	1.40459	1.40459	0.0019682	6.013133	6.013133	0.0004489	0.4153871	0.4153871	0.350682	1
ps16546054	FABP6;FABP6;FABP6	0.0014549	0.0014549	0.755786	-1.04407	0.544021	1.08799	1.08799	0.00057256	0.480827	-2.07975	0.954421	1.0084	1.0084	0.4840163	0.598518	-1.67079	0.0002137	0.478183	-2.13747	0.0439006	1.37439	1.37439	0.1470935	0.0307352	0.705768	-1.4169	10.572	3.15722	0.265459	1
ps17923945	FABP6;FABP6;FABP6	0.0050134	0.195108	0.646527	-2.13435	0.0011125	0.0760278	-4.3009	0.0039052	0.225151	-4.44147	0.0018017	0.2468532	-4.02362	0.0028331	0.102868	-9.72006	0.0363801	0.260199	-3.84322	0.0012812	0.075133	-13.0272	0.819125	0.8803351	-1.13591	0.0126633	0.180037	-5.55379	7.32272	35.5641	4.30898	1
ps12309745	FABP6;FABP6;FABP6	0.0133515	0.456666	0.623935	-1.60273	0.0241462	0.1876572	-5.32843	0.0139272	0.515031	-6.62116	0.0313247	0.2076889	-4.8149	0.0105259	0.163945	-7.41044	0.0127722	0.145888	-6.85458	0.001908896	0.0648424	-15.422	0.983478	1.01297	1.01297	0.0492043	0.2407341	-4.04299	5.38298	33.011	5.45108	1
ps16198450	FABP6;FABP6;FABP6	0.0294156	0.107037	0.468093	-2.13633	0.0525362	0.3863232	-2.58851	0.00943991	0.241848	-4.13482	0.0459267	0.372654	-2.68345	0.0155625	0.347955	-2.87394	0.013399	0.266766	-3.74861	0.0069231	0.222004	-4.50442	0.557024	0.7739368	-1.29209	0.0593497	0.399158	-2.50527	4.11545	12.1336	2.62072	1
ps13599007	FABP6;FABP6;FABP6	0.0430976	0.303607	0.7	-1.42857	0.294809	0.6056692	-1.6507	-1.4432	0.0042722	0.904499	-1.10574	0.0042722	0.904499	-2.54778	0.977978	1.00678	0.4122209	0.822004	-1.21659	0.9916664	1.00256	1.00256	0.9472672	1.74269	1.74269	0.1064526	0.6496214	-1.53937	0.652387	0.8948891	-1.11745	1.58263	1.3974	0.842871	1
ps15140323	FABP6;FABP6;FABP6	0.0455506	0.0171833	0.184538	-5.41893	0.180792	0.437345	-2.28652	0.0181412	0.188276	-5.31136	0.0516187	0.2754617	-3.63028	0.0135937	0.169135	-5.91244	0.57815	0.721125	-1.38672	0.0125482	0.164139	-6.09242	0.236299	0.4856661	-2.05905	0.236681	0.485975	-2.05772	3.5095	18.8277	4.76869	1
ps18555555	FABP7	0.025109	0.472959	1.12944	1.12944	0.4042376	1.25956	1.25956	0.2156513	1.30425	1.30425	0.0003844	2.16888	2.16888	0.304203	1.30082	1.30082	0.513178	1.08223	1.08223	0.2722255	1.21614	1.21614	0.663414	1.13837	1.13837	0.0022594	2.283692	2.283692	1.83213	0.337871	1.33715	1.33715	4.34572	5.052	1.21744	1
ps07886701	FABP9	0.0001265074	0.1317325	0.4005234	0.2597715	-3.88026	0.0015089	-2.16906	0.0005466417	0.2689925	-3.70473	0.0047729	0.4005025	-2.49585	7.83E-05	0.175165	-5.709	0.0079682	0.436318	-2.29191	4.04E-05	0.147911	-6.76083	0.191061	0.713517	-1.40151	0.0006661938	0.2480446	-3.56571	18.3684	17.2958	0.8369383	1
ps04066177	FABP9	0.0020074	0.825705	0.93957	-1.06432	0.0001662	0.163186	-6.12799	0.002130	0.295271	-3.88672	0.35659	1.30732	1.30732	0.000132506	0.153611	-6.50993	0.0027967	0.312114	-3.20396	8.34E-05	0.13516	-7.39866	0.650622	1.13753	1.13753	0.000726474	0.2340142	-4.27326	18.3526	23.2177	1.12452	1
ps08632909	FADD	0.0008661	0.0026476	0.229007	-4.3698	0.0716539	0.156718	-6.38088	0.0002048877	0.144283	-6.93084	0.16302	0.5907775	-1.69263	0.0002307272	0.115799	-8.63864	0.0023168	0.222504	-4.4941	0.0001977303	0.134187	-7.45228	0.0243501	0.5872153	-2.58296	0.0074393	0.525792	-1.90189	0.10815	25.8849	1.75888	1
ps16308174	FADD	0.0013267	0.0074449	0.726123	-1.37718	0.0099743	1.18255	1.18255	0.0222858	1.28862	1.28862	0.872225	0.9857497	-1.01446	0.0310217	1.26504	1.26504	0.4714405	0.934235	-1.07039	0.0018915	1.6572	1.6572	0.2315663	0.6307352	0.705768	-1.4169	10.572	3.15722	0.265459	1
ps16106599	FADD	0.008842	0.031806	0.722556	-1.44183	0.0227077	0.0863943	1.12758	0.0044175	0.1795	-5.00513	0.1813113	0.4413241	-2.31889	0.0004004	0.107801	-9.27313	0.0002317	0.0983193	-10.1705	0.0001473	0.0533	-18.7564	0.0151967	0.2152296	-4.64479	0.0009107	0.1400917	-7.09264	0.0171938	0.6232385	-2.40551	0.6468	0.3483	0.434541	1
ps02307586	FADD	0.0100943	0.246583	0.746606	-1.33939	0.0477844	0.579367	-1.72602	0.0106113	0.460705	-2.17059	0.588261	0.8765	-1.1409	0.007103824	0.43226	-2.31343	0.0157053	0.489647	-2.04229	0.000901414	0.301791	-3.31355	0.59886	1.13657	1.13657	0.0578981	0.596269	-1.6771	5.89289	5.42838	0.818822	1
ps11482717	FADD	0.010523	0.0724037	0.645392	-1.54945	0.0093304	0.486063	-2.05495	0.0998418	0.48274	-2.07127	0.284121	1.27651	1.27651	0.0016442	0.372666	-2.6769	0.577878	1.13065	1.13065	0.444831	0.843554	-1.18546	0.71902	0.924122	-1.08211	0.0123698	0.506521	-1.97425	5.81485	4.3937	0.671644	1
ps16004810	FADD	0.00386	0.0760901	0.421895	-2.37007	0.0203456	0.155166	-6.44967	0.0052103	0.388632	-2.57313	0.389703	0.681658	-1.4671	0.0036441	0.423758	-2.36045	0.0216597	0.301535	-3.31636	0.0120405	0.256254	-3.90238	0.0093801	0.238742	-4.18862	0.292253	0.621791	-1.60826	4.69771	14.0681	2.66193	1
ps20821095	FADD	0.0295138	0.0209092	1.35597	1.35597	0.19897	0.863816	-1.16034	0.247559	1.14163	1.14163	0.42343	1.09375	1.09375	0.109858	1.21041	1.21041	0.333215	1.11557	1.11557	0.0034909	0.647760	-1.54376	0.959707	0.99448	-1.00555	0.6328855	1.05415	1.05415	1.01059	0.7815534	0.169002	1
ps06985934	FADD	0.006-05	0.0013804	0.418588	-2.3899	0.0102368	0.147363	-6.79165	0.0043918	0.315784	-3.16798	0.3175652	0.7746405	-1.29126	7	7	7	6.19E-05	4.66017	4.66017	0.0003993724	0.24236	2.64236	0.0002932599	1.7987	1.7987	0.122563	1.23528	1.23528	53.9569	10.0559	0.264877	1
ps07709195	FADS1	0.0045355	0.118151	0.660529	-1.51394	0.0222675	0.511879	-1.95359	0.0063552	0.439628	-2.38307	0.348059	1.26637	1.26637	0.0013441	0.198417	-5.0398	0.5015516	0.846414	-1.18146	0.55563	0.86441	-1.15686	0.619103	1.13032	1.13032	0.0919563	0.635418	-1.57377	7.55964	7.15373	0.841161	1
ps06462826	FADS1	0.0063755	0.0033315	1.54626	1.54626	0.259967	1.13674	1.13674	0.00679598	1.46601	1.46601	0.052896	1.27121	1.27121	0.0272072	1.32989	1.32989	0.0054489	1.47096	1.47096	0.18237	0.856961	-1.16691	0.0484665	0.782008	-1.27876	0.0682005	1.24949	1.24949	6.8227	1.28549	0.167479	1
ps20448062	FADS1	0.170541	0.759755	1.31621	1.31621	0.0716153	0.542139	-1.8439	0.0003	0.766307	1.30456	0.0004662	1.40562	1.40562	0.0021824	1.41739	1.41739	0.0003	0.0023207	0.0023207	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1
ps10515671	FADS1	0.0209944	0.0144393	0.394164	-2.53701	0.7168511	0.893615	-1.11905	0.429396	0.779441	-1.28297	0.589326	1.1833	1.1833	0.4009146	0.243185	4.1121	0.201686	1.51644	1.51644	0.619201	1.16734	1.16734	0.2456507	1.45505	1.45505	0.1011932	0.574474	-1.74072	6.62745	6.98978	1.34267	1
ps25837350	FADS1;FADS2	0.0041854	0.0196824	0.5	-2.00003	0.0074492	0.122799	-8.14545	0.0003	0.5	-1.12717	0.0479772	0.2286595	-4.37	0.0003	0.5	-1.12717	0.0104513	0.0042704	0.0042704	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1
ps25401284	FADS1;MIR1908	0.0097442	0.0496109	2.94586	2.94586	0.822519	0.897302	-1.11445	0.000275978	17.6734	17.6734	0.979868	1.01225	1.01225	7	7	7	0.454246	1.692335	-1.44439	0.742551	0.853005	-1.17233	0.146543	2.12051	2.12051	0.374526	6.644263	-1.55216	6.07935	19.9116	3.27528	1
ps06781209	FADS2	0.0011123	0.488807	1.1001	1.1001	0.647502	1.06446	1.06446	0.0019682	2.44157	2.44157	0.034782	1.39609	1.39609	0.473483	1.1039	1.1039	0.0168404	0.673174	-1.4855	0.000619137	0.488227	-2.04404	0.825306	0.10045	1.03045	0.876547	0.979125	-1.02132	11.3616	3.31344	0.259237	1
ps14911132	FADS2	0.0017753	0.0188151	0.749482	-1.3507	0.0074492	0.122799	-8.14545	0.0003	0.5	-1.12717	0.0479772	0.2286595	-4.37	0.0003	0.5	-1.12717	0.0104513	0.0042704	0.0042704	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1
ps00164641	FADS2	0.0026473	0.494821	1.05503	1.05503	0.000516889	0.657969	-1.51983	0.00137501	0.698601	-1.43143	0.0348365	0.749159	-1.33483	0.26465	0.914077	-1.094	0.0516699	1.18688	1.18688	0.319654	1.08271	1.08271	0.524108	0.9513337	-1.05115	0.3586858	1.07566	1.07566	8.88149	0.8399692	0.0840662	1
ps23760165	FADS2	0.0002504	0.0002504	0.676578	-1.47824	0.0180882	0.56	1.5636	0.1482662	1.25	1.25	0.0742342	1.67342	1.67342	0.0406153	1.38102	1.38102	0.1400562	0.739325	-1.35264	0.0744004	0.923363	1.08342	0.0004	0.3203381	-1.47245	0.1456482	0.6082	0.60787	0.7	37.1128	5.42004	1
ps20603274	FADS2	0.023382	0.018694	1.361939	-2.7629	0.023709	0.381815	-2.61907	0.0409099	0.448872	-2.22777	0.0177138	0.357557	-2.79676	0.0082575	0.299844	-3.33507	0.119972	0.54799	-1.82485	0.0409707	0.265543	-3.76588	0.0735488	0.490965	-2.03681	0.118054	0.545988	1.83154	4.45944	2.98018	1.78999	1
ps05630745	FADS3	0.000492705	0.104837	0.627448	-1.59376	0.951709	0.984704	-1.01553	9.22E-06	0.0348824	-28.6678	0.210619	1.40799	1.40799	0.00796474	0.385711	-2.59261	0.413071	0.806806	-1.23945	0.668009	1.11633	1.11633	0.640766	1.1274	1.1274	0.2713112	0.743985	-1.34411	24.0014	23.4489	0.651322	1
ps18068832	FADS3	2.76E-07	0.0947388	0.727145	-1.37515	0.0480622	0.0003536	0.00071	1.56E-06	0.0144284	0.92342	2.67342	0.4993697	1.04196	0.1810202	1.83102	1.83102	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ps07930313	FADS6	2.22E-05	0.815563	1.02747	1.02747	0.105672	1.22473	1.22473	0.00289349	1.93026	1.93026	0.0163088	0.946331	-1.05671	0.234856	1.15351	1.15351	0.135313	1.20278	1.20278	0.0163899	0.741282	-1.40001	0.846	0.56761	0.56761	0.0561135	1.28163	1.28163	32.9623	6.86763	0.185198	1
ps06257708	FADS6	0.0003576	0.0429895	1.29407	1.29407	0.0203456	0.155166	-6.44967	0.0052103	0.388632	-2.57313	0.389703	0.681658	-1.4671	0.0036441	0.423758	-2.36045	0.0216597	0.301535	-3.31636	0.0120405	0.256254	-3.90238	0.0093801	0.238742	-4.18862	0.292253	0.621791	-1.60826	4.69771	14.0681	2.66193	1
ps21851963	FADS6	0.0005324	0.11724	0.676629	-1.47791	0.0227747	0.534889	-1.86955	0.0003132892	0.218481	-4.57706	0.00249233	0.381067	-2.62421	0.005616601	0.434025	-2.30401	0.182386	0.722604	-1.38388	0.00196953	0.366385	-2.72937	3.69E-05	0.161649	-6.18625	0.171765	0.716069	-1.39651	14.0435	11.7225	0.741983	1
ps10143209	FADS6	0.0005914041	0.909761	0.974722	-1.02634	0.0380756	0.559383	-1.80173	0.0004864405	0.636457	-1.57214	0.561553	1.08417	1.08417	0.0001584919	0.480802	2.08037	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ps03435385	FADS6	0.0009809052	0.511403	1.15542	1.15542	0.00788262	0.973431	-1.02734	0.00494	0.301883	-3.31417	0.2614	1.24442	1.24442	0.0052736	0.280282	4.45683	0.0535014	1.60929	1.60929	0.0164016	0.529206	1.88963	0.534E-05	0.196393	-5.09184	0.637032	0.902202	-1.10862	11.8033	4.79025	0.662657	1
ps17529058	FADS6	0.0009904390	0.0713793	0.489654	-2.04226	0.0551284	0.462527	-2.16204	0.0003807233	0.133691	-7.47992	0.00970998	0.313475	-3.19005	0.01322	0.336533	-2.97148	0.0439178	0.439943	-2.27302	0.000151997	0.0998308	-10.017	0.00021937	0.1125552	-8.88475	0.229417	0.639413	-1.56393	11.7986	23.4964	1.77018	1
ps01288870	FADS6	0.0004	0.0170541	0.759755	-1.31621	0.0716153	0.542139	-1.8439	0.0003	0.766307	1.30456	0.0004662	1.40562	1.40562	0.0021824	1.41739	1.41739	0.0003	0.0023207	0.0023207	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1
ps21579975	FADS6	0.0020827568	0.0590109	0.677107	-1.47687	0.0388591	0.645725	-1.54865	0.0025637	0.464767	-2.15162	0.0537782	0.670001	-1.49254	0.0541844	0.670574	1.49126	0.0458603	0.870184	-1.14999	0.0021612	0.454308	-2.20115	0.000120465	0.292616	-3.41744	0.0468757	0.659631	-1.516	8.66626	4.59049	0.470841	1
ps23934353	FADS6	0.0061116	0.0096203	0.561414	-1.83581	0.4218864	0.807106	-1.23899	0.853754	1.04615	-1.04615	0.155581	0.681811	-1.46668	0.004222	0.376737	-2.65437	0.0050198	0.391897	-2.55509	0.0009132403	0.240956	-4.15014	0.0595736	0.5816579	-1.71916	0.5588111	1.1626	1.1626	4.76974	7.09639	0.914222	1
ps24232198	FADS6	0.0048484	0.1025847	0.6	-1.66667	0.0044897	0.2407	-2.07952	0.0014316	0.370918	-2.69559	0.1636922	0.7	-1.57005	0.00563036	0.649029	-2.01601	0.000735792	0.371743	-2.69003	0.001848	0.699021	-1.43057	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ps22481044	FADS6	0.0127175	0.450457	1.17248	1.17248	0.103091	1.44625	1.44625	0.020659	1.78012	1.78012	0.949951	0.987095	-1.01307	0.653748	0.9118	-1.09673	0.632237	1.10492	1.10492	0.044757	0.8925	0.62088	-1.61062	0.000580002	0.30789	0.30789	0.425684	1.18332	1.18332	5.46922	3.70898	0.602805	1
ps01202197	FADS6	0.0974969	0.834941	1.1	-1.09091	0.0756753	0.2404	-4.2494	0.1476512	1.57202	1.57202	0.299251	1.48588	1.48588	0.1117192	1.62504	1.62504	0.1389515	1.34428	1.34428	0.1443689	1.15422	1.15422	0.1342	1.34428	1.34428	0.1443689	1.15422	1.15422	0.1342	1.34428	1.34428	0.1443689	1.15422	1.15422	0.1342	1
ps12421536	FAF1	0.0003788828	0.0481418	1.53259	1.53259	1.75E-05	0.26886	1.26886	0.0349099	1.59156	1.59156	0.000449575	2.84642	2.84642	0.125129	1.36862	1.36862	0.107741	1.39347	1.39347	0.443307	0.8626421	-1.15923	0.000323344	3.17285	3.17285	0.159156	1.32902	1.32902	15.4297	8.73276	0.503086	1
ps17752268	FAF1	0.0005508476	0.2591835	1.04121	1.04121	0.526835	0.978243	-1.02224	0.0171931	0.833407	-1.07134	0.413808	0.997348	-1.02807	0.086	0.724075	-1.37974	0.115485	1.06046	1.06046	0.332008	0.813493	1.01493	0.0015034	1.1057	1.1057	0.527184	1.02222	1.02222	0.19138	0.259322	0.0165669	1
ps13096721	FAF1	0.00097812	0.128723	0.45804	0.000382142	0.271823	-3.67886	0.000916981	0.320513	-3.12	0.408279	1.21442	1.21442	0.000527316	0.280282	4.45683	0.815086	0.947615	0.1055028	0.211366	1.35313	1.35313	0.251825	1.33978	1.33978	0.140162	1.43983	1.43983	1.84085	0.89239	0.742637	1
ps20739726	FAF1	0.0010031190	0.0013134	0.326816	-3.05983	0.00496439	0.410602	-2.43545	0.0344925	0.55449	-1.80346	0.420262	0.82125	-1.21766	0.000158521	0.213384	-4.68639	0.009189	0.453385	-2.20563	0.000289972	0.243265	-4.11075	0.654026	1.11392	1.11392	0.0253748	0.530879	-1.88367	11.6619	10.5638	0.805195	1
ps10237542	FAF1	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ps10158674	FAF1	0.00882991	0.836624	1.02104	1.02104	0.0190228	0.155823	0.157023	1.33757	1.33757	0.145205	1.17084	1.17084	0.0829754	1.21355	1.21355	0.037400	0.783849	-1.27576	0.149282	0.855842	-1.16844	0.223444	0.879001	-1.13766	0.0259185	1.30553	1.30553	1.64947	0.990113	0.143118	1
ps12406811	FAF1	0.0144577	0.499386	1.0246	1.0246	0.0992028	0.152823	0.152823	0.0024728	1.25579	1.25579	0.0154528	1.27579	1.27579	0.0015163	0.864203	-1.15705	0.0003973	0.511616	0.864203	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
ps16519477	FAF1	0.0171208	0.337673	0.717549	-1.39363	0.748543	1.11405	1.11405	0.360218	1.37146	1.37146	0.037863	0.44551	-2.24662	0.682534	0.871017	1.14808	0.123678	0.57125	-1.75055	0.000387407	0.149485	-6.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00408365	FAM101B	0.0327002	0.509041	1.12104	1.12104	0.0953713	1.36687	1.36687	0.748405	1.05643	1.05643	0.0160685	1.65293	1.65293	0.0746512	0.712689	-1.40314
cg14425428	FAM102A	0.0132556	0.3356	1.09168	1.09168	0.00468576	0.717424	-1.39388	0.194184	0.885728	-1.12902	0.637038	0.958881	-1.04288	0.0531602	1.21421	1.21421
cg09023593	FAM102A	0.0149845	0.949228	1.00732	1.00732	0.148299	0.837354	-1.19424	0.318579	0.888692	-1.12525	0.12504	0.826895	-1.20934	0.463652	0.918155	-1.08914
cg22582113	FAM102A	0.0222083	0.336267	1.08205	1.08205	0.962523	1.00374	1.00374	0.382549	1.07382	1.07382	0.129279	0.87778	-1.13924	0.67423	1.0342	1.0342
cg21222556	FAM102A;FAM102A	0.00797081	0.334549	1.1051	1.1051	0.00692278	0.704026	-1.4204	0.210323	1.14174	1.14174	0.0954917	1.20189	1.20189	0.00524434	1.44735	1.44735
cg01681863	FAM102A;FAM102A	0.0236973	0.0554667	0.446458	-2.23985	0.163265	1.73815	1.73815	0.200666	1.65225	1.65225	0.0484633	2.31069	2.31069	0.425955	1.35259	1.35259
cg17308606	FAM102A;FAM102A	0.0288805	0.170926	2.52242	2.52242	0.178942	2.47455	2.47455	0.111063	3.009	3.009	0.156503	2.61643	2.61643	0.497455	1.54827	1.54827
cg25976094	FAM102B	0.000152222	0.673699	0.931262	-1.07381	0.0172259	1.62901	1.62901	0.181295	1.26951	1.26951	0.694035	1.06874	1.06874	2.67E-05	0.247804	-4.03545
cg07027174	FAM102B	0.000221472	0.0121983	0.400106	-2.49934	3.67E-05	12.377	12.377	5.53E-05	10.6109	10.6109	0.471634	0.812343	-1.23101	0.0073321	0.360692	-2.77245
cg21805788	FAM102B	0.0197422	0.507092	0.767008	-1.30377	0.00296846	0.200486	-4.98788	0.010385	0.280262	-3.56808	0.210655	0.594615	-1.68176	0.0159448	0.312508	-3.19992
cg20195064	FAM103A1	0.00213512	0.148857	1.43315	1.43315	0.165552	1.41027	1.41027	0.653363	1.1108	1.1108	0.65285	0.900101	-1.11099	0.995956	0.998823	-1.00118
cg17826989	FAM103A1	0.00397248	0.0556153	0.795532	-1.25702	0.589455	0.944164	-1.05914	0.490235	0.928755	-1.07671	0.211167	0.870287	-1.14905	0.0903957	0.821368	-1.21748
cg13694291	FAM104A;C17orf80;FAM104A;C17orf80;C17orf80	0.000670044	0.0140055	0.743299	-1.34535	0.0437609	1.25435	1.25435	0.155679	1.16012	1.16012	0.530566	0.939776	-1.06408	0.0804723	0.827321	-1.20872
cg03574999	FAM104A;C17orf80;FAM104A;C17orf80;C17orf80	0.0133421	0.0364709	0.762568	-1.31136	0.773026	0.96827	-1.03277	0.00134341	1.68117	1.68117	0.0349011	0.760243	-1.31537	0.306851	1.12519	1.12519
cg04633298	FAM104A;C17orf80;FAM104A;C17orf80;C17orf80	0.0260611	0.512563	1.05835	1.05835	0.0675197	1.19113	1.19113	0.575157	1.04954	1.04954	0.0259341	0.797913	-1.25327	0.682991	0.965547	-1.03568
cg21700339	FAM104A;FAM104A	0.0186704	0.00429266	0.115241	-8.67749	0.107338	0.382426	-2.61488	0.304757	0.561883	-1.77973	0.0188196	0.205325	-4.87034	0.0405828	0.271152	-3.68797
cg08615635	FAM104B;FAM104B;FAM104B;FAM104B;FAM104B;FAM104B;FAM104B;FAM104B	0.0157737	0.00146369	0.175705	-5.69137	0.284403	1.52333	1.52333	0.135479	1.83861	1.83861	0.0849979	2.05623	2.05623	0.1062	0.512838	-1.94994
cg01864825	FAM105A	0.00216991	0.170364	0.756928	-1.32113	0.000431404	0.345754	-2.89223	0.00482873	0.490165	-2.04013	0.338083	1.20725	1.20725	0.000232898	0.312073	-3.20438
cg24629160	FAM105A	0.00261804	0.130604	1.29592	1.29592	0.63181	0.926206	-1.07967	0.247744	1.21152	1.21152	0.842024	1.03219	1.03219	0.000901029	0.454386	-2.20077
cg24806126	FAM105A	0.0150903	0.843413	0.977621	-1.02289	0.390833	1.10586	1.10586	0.0175802	1.39184	1.39184	0.902698	1.0141	1.0141	0.0773467	0.798742	-1.25197
cg03600516	FAM105A	0.0304336	0.029192	0.610644	-1.63762	0.979538	1.00493	1.00493	0.0143444	1.785	1.785	0.353062	0.832431	-1.2013	0.0575184	0.662134	-1.51027
cg22481535	FAM105A	0.0382014	0.00135317	0.158638	-6.30368	0.0541766	0.421241	-2.37394	0.571576	0.797574	-1.2538	0.814429	0.911173	-1.09749	0.146883	0.540133	-1.85139
cg08691577	FAM105B	0.0012602	0.0789741	0.598529	-1.67076	0.840831	1.05434	1.05434	0.0772294	0.596334	-1.67691	0.144613	0.662108	-1.51033	0.0100001	0.424949	-2.35322
cg02661258	FAM105B	0.00390214	0.000193364	0.331722	-3.01457	0.93794	0.986399	-1.01379	0.613942	1.09358	1.09358	0.220661	0.797368	-1.25413	0.56185	0.901995	-1.10865
cg18515886	FAM105B	0.0141754	0.0126194	0.370579	-2.69848	0.00157814	0.233974	-4.27398	0.0519745	0.492755	-2.02941	0.0211997	0.411947	-2.4275	0.110859	0.573472	-1.74376
cg26395828	FAM105B	0.0307807	0.947596	1.01222	1.01222	0.0150355	0.575552	-1.73746	0.167157	1.31284	1.31284	0.0308229	0.625796	-1.59797	0.101268	0.717723	-1.3933
cg14717752	FAM105B	0.0316023	0.987962	0.995669	-1.00435	0.04965	1.90448	1.90448	0.0850707	1.72931	1.72931	0.0221952	2.20051	2.20051	0.0831929	1.73628	1.73628
cg17537466	FAM105B	0.0436475	0.235459	0.69695	-1.43482	0.0266927	2.14353	2.14353	0.1854	1.50347	1.50347	0.514899	1.21137	1.21137	0.00628183	0.35568	-2.81152
cg17920099	FAM105B	0.0495757	0.00612521	0.194397	-5.14411	0.720965	1.17847	1.17847	0.668002	1.21843	1.21843	0.828524	0.905453	-1.10442	0.00559181	0.188998	-5.29107
cg21279865	FAM106A	0.0175057	0.240445	0.778865	-1.28392	0.0365258	0.610082	-1.63912	0.140534	0.724417	-1.38042	0.824083	1.04631	1.04631	0.0286155	0.591494	-1.69063
cg25791330	FAM107A;FAM107A	0.00256229	0.00293512	0.463187	-2.15895	0.0313519	0.621442	-1.60916	0.00851425	0.531251	-1.88235	0.00567825	1.98075	1.98075	0.000636956	0.372276	-2.68618
cg01446393	FAM107A;FAM107A	0.00658956	0.0679858	0.469869	-2.12825	0.0523182	0.442426	-2.26027	0.00686205	0.274281	-3.6459	0.104644	1.92589	1.92589	0.00562802	0.261095	-3.83002
cg16046493	FAM107A;FAM107A	0.0132288	0.299633	1.20562	1.20562	0.0668257	0.69946	-1.42968	0.00211905	0.471654	-2.1202	0.219453	0.798803	-1.25187	0.0449287	0.670078	-1.49236
cg22354646	FAM107A;FAM107A	0.018608	0.00820743	0.269423	-3.71163	0.00140597	0.166393	-6.00988	0.127774	0.528067	-1.8937	0.30556	0.662716	-1.50894	0.0164489	0.320859	-3.11664
cg08958715	FAM107A;FAM107A	0.0278311	0.222204	0.843681	-1.18528	0.932159	1.01135	1.01135	0.106841	0.791944	-1.26272	0.68941	1.05467	1.05467	0.829297	0.971797	-1.02902
cg02615468	FAM107A;FAM107A	0.0337293	0.262474	0.577426	-1.73182	0.480437	0.71381	-1.40093	0.131448	0.465139	-2.1499	0.161194	2.02053	2.02053	0.0582803	0.365742	-2.73417
cg06638451	FAM107A;FAM107A;FAM107A;FAM107A	0.0126907	0.348801	0.740069	-1.35122	0.000570397	0.18917	-5.28625	0.270839	0.699232	-1.43014	0.127979	1.6712	1.6712	0.0182222	0.408813	-2.4461
cg04021074	FAM107B	0.000332062	0.000732349	0.220127	-4.54284	0.268114	1.40517	1.40517	0.042575	0.502312	-1.99079	0.329949	0.74344	-1.3451	3.75E-05	0.096764	-10.3344
cg26359216	FAM107B	0.00266847	0.933727	0.982553	-1.01776	0.929208	0.981371	-1.01898	0.48632	0.860967	-1.16148	0.681673	1.0912	1.0912	5.23E-05	0.201877	-4.95352
cg12285118	FAM107B	0.00280696	0.00244482	0.219146	-4.56316	0.034781	0.412343	-2.42517	0.00812965	0.295269	-3.38674	0.0483015	0.443781	-2.25336	0.000201052	0.105794	-9.45232
cg04441857	FAM107B	0.00550705	0.0209319	0.597453	-1.67377	0.121502	0.732567	-1.36506	0.00813231	0.533634	-1.87394	0.00295762	0.469382	-2.13046	0.00373279	0.483853	-2.06674
cg04638265	FAM107B	0.00562946	0.00210773	0.366077	-2.73166	0.32227	0.788494	-1.26824	0.000966156	0.319233	-3.13251	0.00802988	0.454146	-2.20193	0.00161384	0.349684	-2.85972
cg19585312	FAM107B	0.00630767	0.0487553	0.637358	-1.56898	0.451689	0.857742	-1.16585	0.00209384	0.420507	-2.37808	0.512365	0.875486	-1.14222	0.0153386	0.551254	-1.81405
cg26877720	FAM107B	0.0113299	0.0785	1.59318	1.59318	0.0410265	0.570123	-1.75401	0.766189	0.931401	-1.07365	0.234198	0.742908	-1.34606	0.000684019	0.290477	-3.44262
cg14295960	FAM107B	0.0127453	0.0612878	0.725207	-1.37892	0.00280849	1.87256	1.87256	0.264043	0.837449	-1.1941	0.0224813	0.65933	-1.51669	0.297151	0.84815	-1.17904
cg02876062	FAM107B	0.0163783	0.0521479	0.453533	-2.20491	0.216138	1.59348	1.59348	0.0039866	0.250214	-3.99658	0.457517	1.31103	1.31103	0.00953773	0.308762	-3.23874
cg16624994	FAM107B	0.0226188	0.81795	1.11873	1.11873	0.00994067	0.205082	-4.8761	0.0319255	0.294268	-3.39826	0.881953	1.07498	1.07498	0.00513343	0.165508	-6.04202
cg15272762	FAM107B	0.0293953	0.0820108	0.735384	-1.35983	0.0475418	1.43548	1.43548	0.484967	0.89298	-1.11985	0.00482173	0.550756	-1.81569	0.0437821	0.69097	-1.44724
cg02330726	FAM107B	0.0338483	0.0249085	0.299907	-3.33437	0.00870104	0.221246	-4.51985	0.0541557	0.373047	-2.68063	0.0407214	0.344406	-2.90355	0.00623848	0.200222	-4.99446
cg08368587	FAM107B	0.0389467	0.0919622	1.98782	1.98782	0.328932	1.45232	1.45232	0.51203	1.27926	1.27926	0.165186	1.73024	1.73024	0.327654	1.45384	1.45384
cg02735962	FAM107B	0.0438669	0.0711851	0.335746	-2.97844	0.00945625	0.168478	-5.93548	0.0249715	0.235845	-4.24008	0.553144	0.722611	-1.38387	0.0561375	0.309928	-3.22656
cg17849530	FAM107B;FAM107B	0.0040394	0.00346465	0.411349	-2.43103	0.518385	1.15785	1.15785	0.0962068	0.664377	-1.50517	0.131821	1.43923	1.43923	0.000572293	0.303083	-3.29942
cg01075463	FAM108A1;FAM108A1	0.000199452	0.190372	0.756921	-1.32114	0.00319579	0.445585	-2.24424	0.000250259	0.297229	-3.3644	0.112265	0.70663	-1.41517	8.39E-06	0.142337	-7.02557
cg25965499	FAM108A1;FAM108A1	0.0016272	0.335532	0.690571	-1.44808	0.141339	0.554498	-1.80343	0.137649	0.550983	-1.81494	0.00218545	0.201453	-4.96393	2.80E-05	0.0462205	-21.6354
cg11742068	FAM108A1;FAM108A1	0.00285544	0.381773	1.05879	1.05879	0.0246752	1.18572	1.18572	0.000265834	1.46418	1.46418	0.000764143	1.38359	1.38359	0.108308	1.11802	1.11802
cg01534273	FAM108A1;FAM108A1	0.0074411	0.0459148	1.50546	1.50546	0.883654	0.974157	-1.02653	0.149038	1.31875	1.31875	0.33675	1.19374	1.19374	0.820446	0.960166	-1.04149
cg03290418	FAM108A1;FAM108A1	0.017605	0.0195733	0.297914	-3.35667	0.0126226	0.26417	-3.78544	0.0522355	0.387602	-2.57996	0.332725	0.651204	-1.53562	0.0177419	0.290059	-3.44758
cg03214395	FAM108A1;FAM108A1	0.0237493	0.195377	0.805482	-1.24149	0.322786	0.851018	-1.17506	0.0239601	1.53029	1.53029	0.105535	0.756305	-1.32222	0.0198365	0.641302	-1.55933
cg03939371	FAM108A1;FAM108A1	0.0315054	0.0477841	1.93469	1.93469	0.00335813	3.20135	3.20135	0.00659499	2.79711	2.79711	0.0222519	2.22331	2.22331	0.511342	1.21439	1.21439
cg14654587	FAM108A1;FAM108A1	0.0342574	0.139453	2.47156	2.47156	0.00152176	13.4272	13.4272	0.00895121	6.63003	6.63003	0.381734	1.66597	1.66597	0.138684	2.47658	2.47658
cg23333501	FAM108A1;FAM108A1	0.0475711	0.714373	1.1326	1.1326	0.927135	1.03147	1.03147	0.64943	0.856401	-1.16768	0.00541234	0.289378	-3.45569	0.929239	0.970362	-1.03054
cg15193475	FAM108C1	0.00591256	0.00348235	0.130986	-7.63443	0.0287205	0.266413	-3.75358	0.0129679	0.205789	-4.85934	0.250271	0.540136	-1.85139	0.0145892	0.213928	-4.67448
cg08098980	FAM108C1	0.00986135	0.0583554	1.63925	1.63925	0.0335751	1.77465	1.77465	0.00792734	0.455343	-2.19615	0.735083	1.08163	1.08163	0.356442	1.24502	1.24502
cg00732783	FAM108C1	0.019272	0.231137	0.592361	-1.68816	0.460207	0.730915	-1.36815	0.00631115	0.226991	-4.40547	0.346853	0.667754	-1.49756	0.0537027	0.401205	-2.49249
cg01297479	FAM108C1	0.0293512	0.52106	0.865676	-1.15517	0.00317497	2.44407	2.44407	0.0356574	1.71984	1.71984	0.27689	1.28504	1.28504	0.069868	1.56756	1.56756
cg24640510	FAM108C1	0.0343521	0.133491	0.560926	-1.78277	0.00867041	0.302657	-3.30407	0.633413	1.18725	1.18725	0.807069	0.91631	-1.09133	0.00237335	0.220072	-4.54397
cg00728585	FAM108C1	0.0469393	0.426766	0.866565	-1.15398	0.00471339	0.515445	-1.94007	0.295605	0.825785	-1.21097	0.994634	1.00119	1.00119	0.0744246	0.704125	-1.4202
cg26186754	FAM108C1;FAM108C1	0.000862371	0.501945	0.90837	-1.10087	0.930962	1.01229	1.01229	0.345678	1.14679	1.14679	0.167415	0.812585	-1.23064	0.0101503	0.633011	-1.57975
cg23098621	FAM109A	6.32E-05	0.988095	1.00306	1.00306	0.00188313	0.405309	-2.46725	0.00015014	0.263381	-3.79678	0.0770857	0.668407	-1.49609	0.00266308	0.426767	-2.3432
cg09214953	FAM109A	0.0027692	0.00601107	0.363173	-2.75351	0.0678313	0.561494	-1.78096	0.0671518	0.560501	-1.78412	0.6001	1.16098	1.16098	0.541071	0.839807	-1.19075
cg21504793	FAM109A	0.0381819	0.870704	1.03006	1.03006	0.338906	1.19629	1.19629	0.0614453	1.46682	1.46682	0.0152732	1.71873	1.71873	0.74616	0.942655	-1.06083
cg03874539	FAM109A	0.0389362	0.0309632	0.458817	-2.17952	0.00837747	0.354864	-2.81798	0.503849	0.811688	-1.232	0.276563	0.706033	-1.41636	0.048982	0.500887	-1.99646
cg10833066	FAM109A	0.0392613	0.0394491	0.0882179	-11.3356	0.39061	0.407977	-2.45112	0.243145	0.28801	-3.4721	0.214542	0.264025	-3.78752	0.061582	0.116951	-8.55061
cg19186435	FAM109A;FAM109A	0.000160155	0.15757	0.761585	-1.31305	0.0942758	0.717836	-1.39308	0.0720071	0.696334	-1.43609	2.59E-06	0.129455	-7.72468	0.0437476	0.658525	-1.51855
cg08650629	FAM109B	0.00668299	0.467309	1.3211	1.3211	0.471723	0.759106	-1.31734	0.954359	1.02178	1.02178	0.173945	1.72389	1.72389	0.453745	0.750266	-1.33286
cg24977886	FAM109B	0.0146979	0.401285	1.41917	1.41917	0.9859	1.00723	1.00723	0.885722	0.943084	-1.06035	0.473715	1.34571	1.34571	0.782656	1.11928	1.11928
cg16740427	FAM109B	0.0427356	0.393872	0.730692	-1.36857	0.073868	2.04577	2.04577	0.119234	1.83574	1.83574	0.0852574	1.98091	1.98091	0.0323416	0.406453	-2.46031
cg10029411	FAM10A4	0.00432558	0.728957	0.958049	-1.04379	0.000556007	0.516886	-1.93466	0.00863173	0.661959	-1.51067	0.222034	0.853751	-1.1713	0.00431838	0.624985	-1.60004
cg14428862	FAM110A	0.0142208	0.687712	0.945198	-1.05798	0.000707237	2.05404	2.05404	0.0320413	1.41954	1.41954	0.279061	0.854728	-1.16996	0.773473	1.04107	1.04107
cg14304515	FAM110A;FAM110A	0.00842404	0.039049	2.54793	2.54793	0.0115077	3.4475	3.4475	0.136879	1.8728	1.8728	0.276145	1.55825	1.55825	0.00710363	3.90303	3.90303
cg09645475	FAM110A;FAM110A	0.00900967	0.00331923	0.278323	-3.59295	0.0256487	0.428316	-2.33472	0.0209907	0.411396	-2.43075	0.0509826	0.49113	-2.03612	0.0267645	0.431987	-2.31488
cg26275986	FAM110A;FAM110A	0.0114012	0.439805	0.764027	-1.30885	0.00124999	0.199808	-5.0048	0.475824	0.780597	-1.28107	0.197968	0.628241	-1.59175	0.0259202	0.405226	-2.46776
cg05287314	FAM110A;FAM110A	0.0224578	0.0192373	4.30343	4.30343	0.356985	1.6294	1.6294	0.249554	1.85922	1.85922	0.0528337	3.10861	3.10861	0.206039	1.98856	1.98856
cg20289911	FAM110A;FAM110A	0.0251766	0.0269186	0.41495	-2.40993	0.133365	0.580732	-1.72196	0.0316684	0.429334	-2.32919	0.0199661	0.38959	-2.5668	0.0390247	0.448487	-2.22972
cg08042538	FAM110A;FAM110A	0.0260942	0.0319593	7.6176	7.6176	0.0337504	7.41132	7.41132	0.129103	3.76179	3.76179	0.177293	3.18492	3.18492	0.0181911	10.1401	10.1401
cg02697721	FAM110A;FAM110A	0.0289751	0.408126	0.85159	-1.17427	0.00790886	0.523727	-1.90939	0.0250317	0.602773	-1.659	0.256792	0.798731	-1.25199	0.715598	0.932881	-1.07195
cg15743533	FAM110A;FAM110A	0.0464093	0.0275307	0.218724	-4.57197	0.0724026	0.310647	-3.21908	0.154189	0.410864	-2.4339	0.401552	0.606123	-1.64983	0.0335908	0.235151	-4.25258
cg14855292	FAM110A;FAM110A;FAM110A;FAM110A	0.026134	0.507983	1.09309	1.09309	0.214142	0.840847	-1.18928	0.0601972	1.32438	1.32438	0.000769652	1.964	1.964	0.81227	0.968959	-1.03204
cg12219325	FAM110B	1.03E-05	0.102311	0.653104	-1.53115	0.283317	0.766735	-1.30423	0.41339	1.22049	1.22049	0.570782	1.14627	1.14627	0.369909	0.802994	-1.24534
cg13247663	FAM110B	0.000150287	0.942737	0.974764	-1.02589	0.327737	1.43255	1.43255	0.298254	1.46762	1.46762	0.487546	1.28526	1.28526	0.764469	0.898603	-1.11284
cg01602153	FAM110B	0.000570083	0.0600402	0.350165	-2.8558	0.508418	0.717594	-1.39355	0.800332	0.882179	-1.13356	0.184551	2.00604	2.00604	0.0926076	0.400331	-2.49794
cg12615766	FAM110B	0.00100448	0.589143	0.798592	-1.2522	0.384267	1.4448	1.4448	0.288898	1.57475	1.57475	0.744765	1.14424	1.14424	0.878162	0.938684	-1.06532
cg04043052	FAM110B	0.00266658	0.0027407	0.387885	-2.57808	0.00379162	0.408771	-2.44636	0.00988011	0.473892	-2.11019	0.126513	1.46029	1.46029	0.00668331	0.44665	-2.23889
cg23881926	FAM110B	0.00538317	0.0527832	0.139917	-7.14708	0.817981	0.813876	-1.22869	0.917869	1.09653	1.09653	0.233987	3.04851	3.04851	0.310068	0.39126	-2.55584
cg02505871	FAM110B	0.0121822	0.00927494	0.120947	-8.26808	0.941521	1.04621	1.04621	0.241138	2.14002	2.14002	0.334521	1.85095	1.85095	0.004021	0.0823292	-12.1464
cg26369642	FAM110B	0.0266276	0.0336968	0.689128	-1.45111	0.298924	0.850769	-1.17541	0.0787204	1.34059	1.34059	0.0128484	1.59009	1.59009	0.879404	1.02305	1.02305
cg13711238	FAM110B	0.0399783	0.000968871	16.7381	16.7381	0.130349	2.55337	2.55337	0.996067	1.00283	1.00283	0.715492	1.23372	1.23372	0.945242	1.0402	1.0402
cg09379188	FAM110B	0.0419426	0.355251	0.786871	-1.27086	0.00488519	0.390526	-2.56065	0.616027	0.880344	-1.13592	0.679919	0.900716	-1.11023	0.48259	0.83538	-1.19706
cg23548885	FAM110C	2.85E-05	0.016119	0.593886	-1.68383	0.000208121	2.99993	2.99993	0.000120996	3.28207	3.28207	0.664588	0.925699	-1.08026	0.537119	0.895297	-1.11695
cg01880096	FAM110C	0.00111914	0.894526	1.02132	1.02132	0.343993	0.856376	-1.16771	0.334747	1.17143	1.17143	0.771891	0.954818	-1.04732	0.912592	1.01762	1.01762
cg14255256	FAM110C	0.0014521	0.371056	1.49351	1.49351	0.0224596	3.30061	3.30061	0.00158008	7.25278	7.25278	0.685279	1.19475	1.19475	0.389908	1.46929	1.46929
cg15574509	FAM110C	0.00497486	0.991858	1.00394	1.00394	0.00103033	6.50841	6.50841	0.308821	1.50035	1.50035	0.334208	1.4676	1.4676	0.00955596	0.282495	-3.53989
cg19145730	FAM110C	0.0250651	0.407934	0.713819	-1.40092	0.301596	0.652396	-1.53281	0.225106	0.600784	-1.66449	0.264473	0.628404	-1.59133	0.139702	1.89266	1.89266
cg23574281	FAM110C	0.0318264	0.961214	0.984585	-1.01566	0.392157	1.3232	1.3232	0.534184	0.817819	-1.22276	0.384303	1.32971	1.32971	0.00518587	0.307686	-3.25007
cg20318662	FAM110C	0.0388699	0.837733	1.08982	1.08982	0.00149087	6.82924	6.82924	0.327768	1.52761	1.52761	0.451399	1.37965	1.37965	0.23609	0.594072	-1.6833
cg15237857	FAM110C	0.0445706	0.611333	0.846485	-1.18136	0.0198271	2.49619	2.49619	0.488676	1.25704	1.25704	0.492492	0.797165	-1.25445	0.442454	0.775161	-1.29005
cg12802822	FAM111A;FAM111A;FAM111A	0.00861796	0.00551527	0.231794	-4.31417	0.624791	1.21839	1.21839	0.882443	1.06109	1.06109	0.00185615	5.87215	5.87215	?	?	?
cg27199889	FAM111A;FAM111A;FAM111A	0.0175393	0.602064	0.913641	-1.09452	0.392247	0.8603	-1.16238	0.00130139	0.447528	-2.2345	0.912248	0.981252	-1.01911	0.120937	0.749224	-1.33471
cg23760189	FAM111A;FAM111A;FAM111A	0.0335128	0.00235973	2.02155	2.02155	0.788638	0.956395	-1.04559	0.878665	0.97497	-1.02567	0.387943	0.863441	-1.15816	0.156993	0.777901	-1.28551
cg12437873	FAM111A;FAM111A;FAM111A	0.0389458	0.0126341	0.263442	-3.79591	0.244442	0.592214	-1.68858	0.718262	0.855665	-1.16868	0.874082	0.934043	-1.07061	0.00160374	0.142681	-7.00866
cg06770568	FAM111A;FAM111A;FAM111A;FAM111A;FAM111A	0.000106422	0.0030044	0.565778	-1.76748	0.467442	1.10904	1.10904	2.43E-06	4.95908	4.95908	0.0109508	1.56353	1.56353	0.857617	0.975176	-1.02546
cg08653292	FAM111A;FAM111A;FAM111A;FAM111A;FAM111A	0.00054079	0.0537571	0.613734	-1.62937	0.000377381	0.28178	-3.54886	0.000481942	0.29508	-3.38891	0.840868	0.956176	-1.04583	0.00637742	0.453247	-2.2063
cg15723195	FAM111A;FAM111A;FAM111A;FAM111A;FAM111A	0.000623059	0.405277	0.809167	-1.23584	0.0055906	0.404589	-2.47164	0.28381	1.31904	1.31904	0.79885	0.93847	-1.06556	0.000102399	0.1808	-5.53096
cg18529243	FAM111A;FAM111A;FAM111A;FAM111A;FAM111A	0.00781739	0.215295	0.663964	-1.50611	0.0425767	2.08155	2.08155	0.923886	1.03046	1.03046	0.0265614	2.28288	2.28288	0.0234505	0.427425	-2.33959
cg25067153	FAM111A;FAM111A;FAM111A;FAM111A;FAM111A	0.017821	0.694507	1.03787	1.03787	0.139445	1.16156	1.16156	0.00025769	1.76196	1.76196	0.22407	1.1278	1.1278	0.712589	1.03546	1.03546
cg13292900	FAM111A;FAM111A;FAM111A;FAM111A;FAM111A	0.0188755	0.0682533	0.648054	-1.54308	0.000883173	0.346847	-2.88312	0.0106815	0.505677	-1.97755	0.774385	1.06297	1.06297	0.717426	1.08028	1.08028
cg05172141	FAM111B;FAM111B;FAM111B	0.00864715	0.11407	0.803384	-1.24473	0.00528424	0.626076	-1.59725	0.0112522	0.667375	-1.49841	0.337594	1.13417	1.13417	0.793458	1.03398	1.03398
cg23633158	FAM111B;FAM111B;FAM111B	0.0146117	0.0351167	0.792206	-1.2623	0.000849006	0.621336	-1.60944	0.00803288	0.724496	-1.38027	0.0346078	0.791523	-1.26339	0.139815	0.860051	-1.16272
cg21833459	FAM111B;FAM111B;FAM111B	0.0386268	0.188576	1.16254	1.16254	0.174116	0.855291	-1.16919	0.158808	1.17684	1.17684	0.858513	1.01948	1.01948	0.771903	0.969063	-1.03192
cg14859464	FAM111B;FAM111B;FAM111B;FAM111B;FAM111B	0.000124499	0.139162	0.871278	-1.14774	0.000222371	0.587327	-1.70263	0.0984778	0.854821	-1.16984	0.00579717	1.36734	1.36734	0.00147862	0.672294	-1.48744
cg00630453	FAM113A;VPS16;VPS16	0.00152736	0.0185329	0.754806	-1.32484	0.103201	0.838968	-1.19194	0.694505	1.03965	1.03965	0.0297362	1.28661	1.28661	0.587734	0.947509	-1.0554
cg02852436	FAM113A;VPS16;VPS16	0.00505314	0.565368	1.08519	1.08519	0.55781	0.919998	-1.08696	0.871834	0.977543	-1.02297	0.0745415	0.756181	-1.32244	0.0471131	0.726429	-1.3766
cg25581826	FAM113A;VPS16;VPS16	0.0193881	0.613109	0.917015	-1.0905	0.522871	0.895814	-1.1163	0.0252881	0.636421	-1.57129	0.198819	0.793979	-1.25948	0.000750169	0.419463	-2.384
cg05478172	FAM113B	0.000367888	0.00034555	0.233093	-4.29013	0.725396	1.09329	1.09329	0.00317925	0.360957	-2.77041	0.570514	0.86502	-1.15604	0.000642234	0.265811	-3.76207
cg06159109	FAM113B	0.00398561	0.0838447	0.699884	-1.42881	0.242409	1.25633	1.25633	0.370798	0.842471	-1.18698	0.632248	0.913992	-1.0941	0.478782	0.874321	-1.14374
cg06547285	FAM113B	0.00596758	0.00181968	0.276848	-3.61209	0.171818	0.656056	-1.52426	0.00127119	0.256064	-3.90528	0.00687595	0.36273	-2.75687	0.0709904	0.557371	-1.79414
cg06582512	FAM113B	0.021434	0.634812	0.84408	-1.18472	0.568596	1.22647	1.22647	0.0606296	0.472655	-2.11571	0.00563916	0.276098	-3.6219	0.876993	1.05641	1.05641
cg04989085	FAM113B	0.0312915	0.122494	0.830937	-1.20346	0.420917	0.913028	-1.09526	0.557108	0.9364	-1.06792	0.970012	0.995849	-1.00417	0.109032	1.21337	1.21337

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00408365	0.254268	1.22514	1.22514	0.0174995	0.610615	-1.63769	0.533315	1.11363	1.11363	0.0903083	0.727329	-1.37489	3.96302	1.82613	0.409595	1
cg14425428	0.0436483	1.22741	1.22741	0.414377	1.0765	1.0765	0.0717408	1.19437	1.19437	0.00923612	1.33897	1.33897	5.3957	0.666954	0.109874	1
cg09023593	0.454948	0.916565	-1.09103	0.0165805	0.715348	-1.39792	0.945958	0.99227	-1.00779	0.00027765	0.5061	-1.97589	5.18247	1.0756	0.184485	1
cg22582113	0.00130929	1.45078	1.45078	0.018059	0.795794	-1.25661	0.819436	0.98198	-1.01835	0.961038	1.00389	1.00389	4.53923	0.454731	0.0890471	1
cg21222556	0.0880989	0.827799	-1.20802	0.00409282	1.47229	1.47229	0.689322	1.04118	1.04118	0.260899	1.12495	1.12495	6.35145	1.01426	0.141946	1
cg01681863	0.882337	0.946465	-1.05656	0.00229668	4.87046	4.87046	0.742659	1.13021	1.13021	0.0999907	0.511909	-1.95347	4.43885	9.70297	1.94304	1
cg17308606	0.0452598	4.29558	4.29558	0.00244173	14.5297	14.5297	0.00320931	12.8388	12.8388	0.222683	2.25506	2.25506	4.14227	26.4189	5.66921	1
cg25976094	0.418893	0.870326	-1.14899	1.75E-05	0.228044	-4.38512	0.635137	1.0837	1.0837	0.0319596	0.65533	-1.52595	19.7784	8.85698	0.398055	1
cg07027174	0.300522	1.35714	1.35714	0.245544	0.707347	-1.41373	0.906706	0.967352	-1.03375	0.902053	1.03547	1.03547	22.8099	28.3448	0.96651	1
cg21805788	?	?	?	0.034777	0.379159	-2.63742	0.605649	0.814433	-1.22785	0.024999	0.34956	-2.86074	4.81133	10.5211	2.18674	1
cg20195064	2.80E-05	0.14715	-6.79578	0.237754	0.750152	-1.33306	0.899631	0.971095	-1.02977	0.573769	0.876238	-1.14124	9.45972	8.09519	0.76067	1
cg17826989	0.00256553	0.643389	-1.55427	0.000390827	0.550956	-1.81503	0.00170893	0.623563	-1.60369	0.00574418	0.682623	-1.46494	7.86885	1.38612	0.15658	1
cg13694291	0.272434	0.894324	-1.11816	2.71E-05	0.444887	-2.24776	0.00090982	0.615714	-1.62413	0.335421	0.907447	-1.10199	13.1713	1.99414	0.134578	1
cg03574999	0.901443	1.01391	1.01391	0.066022	0.794576	-1.25853	0.253025	1.14238	1.14238	0.521186	1.0752	1.0752	5.38423	1.06014	0.17502	1
cg04633298	0.0478787	0.824362	-1.21306	0.00380287	0.716559	-1.39556	0.335566	1.08849	1.08849	0.587652	1.04786	1.04786	4.29455	0.49591	0.102644	1
cg21700339	0.00584919	0.130842	-7.64282	0.00903449	0.155481	-6.43164	0.413785	1.57186	1.57186	0.234639	0.508145	-1.96794	5.37548	24.2587	3.50999	1
cg08615635	0.0388614	0.404453	-2.47248	0.13267	0.541123	-1.84801	0.959399	1.01946	1.01946	0.623523	1.20594	1.20594	5.09506	11.5605	2.01685	1
cg01864825	0.972988	0.993563	-1.00648	0.493899	1.14168	1.14168	0.646439	0.915678	-1.09209	0.269214	0.802955	-1.2454	9.41514	5.42418	0.5121	1
cg24629160	0.000255989	0.384407	-2.60141	0.698128	0.939991	-1.06384	0.271607	1.19928	1.19928	0.11308	1.31498	1.31498	8.9101	3.55781	0.354934	1
cg24806126	0.205283	0.858184	-1.16525	0.00183452	0.602596	-1.65949	0.0250011	0.736976	-1.3569	0.757472	1.03608	1.03608	5.17043	1.07249	0.18438	1
cg03600516	0.112485	1.39325	1.39325	0.10321	0.710276	-1.4079	0.0511173	0.652886	-1.53166	0.687169	0.925242	-1.0808	4.06604	2.37232	0.518619	1
cg22481535	0.660936	1.1908	1.1908	0.0308422	0.366731	-2.72679	0.161874	0.553812	-1.80567	0.578145	0.800716	-1.24888	3.74588	9.286	2.20355	1
cg08691577	0.0640484	0.578305	-1.72919	0.000223881	0.198681	-5.03321	0.000676008	3.92585	3.92585	0.0625373	0.576049	-1.73596	11.0166	12.0817	0.974826	1
cg02661258	0.198121	1.27023	1.27023	0.00152724	0.448284	-2.23073	0.244668	0.807327	-1.23866	0.292598	1.21169	1.21169	7.9113	3.87495	0.435377	1
cg18515886	0.0403222	0.468506	-2.13444	0.00485107	0.302504	-3.30574	0.489288	0.798645	-1.25212	0.686073	0.878035	-1.13891	5.27823	8.56547	1.44248	1
cg26395828	0.783812	0.950437	-1.05215	0.03312	1.58478	1.58478	0.0439564	0.65187	-1.53405	0.315537	0.825456	-1.21145	4.04966	2.19127	0.480978	1
cg14717752	0.0919141	1.70532	1.70532	0.0122104	0.407289	-2.45526	0.237653	1.4274	1.4274	0.843398	0.944691	-1.05855	4.01178	5.25792	1.165	1
cg17537466	0.335847	0.749642	-1.33397	0.20667	0.679278	-1.47215	0.404919	1.28075	1.28075	0.532636	0.832338	-1.20144	3.56595	4.76175	1.18697	1
cg17920099	0.832049	1.10213	1.10213	0.573283	1.29769	1.29769	0.796463	1.12564	1.12564	0.530512	1.33767	1.33767	3.39912	11.2866	2.95151	1
cg21279865	0.279726	1.25672	1.25672	0.00721625	2.02397	2.02397	0.0126734	0.53256	-1.87772	0.984738	0.996118	-1.0039	4.92093	3.22268	0.582126	1
cg25791330	0.231817	0.789593	-1.26648	0.804214	1.0479	1.0479	0.65132	0.917867	-1.08948	0.660259	1.0869	1.0869	8.96682	5.03965	0.499585	1
cg01446393	0.542495	0.79628	-1.25584	0.0114804	3.21724	3.21724	0.115919	1.88024	1.88024	0.27019	1.52843	1.52843	6.74068	14.5765	1.92219	1
cg16046493	0.764307	1.0537	1.0537	0.0205806	1.62453	1.62453	0.099948	0.730818	-1.36833	0.0696565	0.702612	-1.42326	5.39927	2.58775	0.426025	1
cg22354646	0.0968795	0.493277	-2.02726	0.0125613	0.300061	-3.33265	0.221022	0.6072	-1.6469	0.312904	0.667122	-1.49898	4.82089	11.4819	2.11707	1
cg08958715	0.0379551	1.37551	1.37551	0.00172968	1.80795	1.80795	0.570397	0.926829	-1.07895	0.28985	0.864539	-1.15669	4.19671	1.16687	0.247149	1
cg02615468	0.500749	1.37883	1.37883	0.00682788	5.19192	5.19192	0.0466168	2.91833	2.91833	0.296245	1.66375	1.66375	3.91912	13.7135	3.11034	1
cg06638451	0.648878	0.866704	-1.1538	0.18827	0.647216	-1.54508	0.268697	0.69802	-1.43262	0.158771	1.60011	1.60011	5.47298	8.4418	1.37107	1
cg04021074	0.135645	0.622353	-1.60681	4.62E-05	0.103443	-9.66712	0.0856155	0.571041	-1.75119	0.0406555	0.498085	-2.00769	15.9987	22.0342	1.22422	1
cg26359216	0.847512	0.960077	-1.04158	0.137415	1.40296	1.40296	0.982855	0.995463	-1.00456	0.0205014	1.80545	1.80545	8.86007	6.28469	0.630512	1
cg12285118	0.237108	0.640221	-1.56196	0.00668529	0.281758	-3.54915	0.00348821	0.240016	-4.16638	0.0217831	0.371079	-2.69485	8.72855	17.9193	1.82485	1
cg04441857	0.577455	0.90093	-1.10996	0.0303317	1.60311	1.60311	0.52074	1.12825	1.12825	0.0264093	0.613854	-1.62905	7.12475	3.87759	0.483771	1
cg04638265	0.21117	0.73627	-1.3582	0.142378	0.693154	-1.44268	0.903175	0.972112	-1.02869	0.12147	0.676925	-1.47727	7.07679	6.05374	0.760388	1
cg19585312	0.0133913	0.541737	-1.84591	0.000472529	0.33319	-3.00129	0.103708	0.70041	-1.42774	0.019408	0.568006	-1.76054	6.83269	4.33398	0.563823	1
cg26877720	0.0346466	0.55602	-1.7985	0.102627	0.653373	-1.53052	0.580275	0.875373	-1.14237	0.0207161	0.514934	-1.942	5.67814	5.10706	0.799489	1
cg14295960	0.79971	1.0395	1.0395	0.0476497	1.41216	1.41216	0.290747	0.846148	-1.18183	0.0588723	0.72245	-1.38418	5.46533	2.00972	0.326864	1
cg02876062	0.416808	1.34587	1.34587	0.059439	0.466925	-2.14167	0.192434	1.63857	1.63857	0.134792	0.561518	-1.78089	5.03169	10.2105	1.80377	1
cg16624994	0.638953	0.794587	-1.25852	0.0526775	0.342396	-2.9206	0.0204571	0.256899	-3.89258	0.0233166	0.267412	-3.73954	4.51074	16.9145	3.33318	1
cg15272762	0.0935277	0.74512	-1.34207	0.981769	1.00365	1.00365	0.852345	1.03017	1.03017	0.0482487	0.69765	-1.43338	4.11646	1.65872	0.358177	1
cg02330726	0.0617209	0.386977	-2.58413	0.0629139	0.389062	-2.57028	0.0901754	0.430607	-2.3223	0.157124	0.505266	-1.97915	3.91415	12.6193	2.86579	1
cg08368587	0.415402	1.3611	1.3611	0.151647	1.76634	1.76634	0.806824	1.09497	1.09497	0.00230409	0.206518	-4.84219	3.71945	8.07957	1.93089	1
cg02735962	0.343003	0.589178	-1.69728	0.0288529	0.247684	-4.0374	0.288251	1.81673	1.81673	0.0704091	0.334506	-2.98948	3.55929	16.5311	4.12845	1
cg17849530	0.133402	0.696008	-1.43677	0.00240717	0.388169	-2.57619	0.393191	0.822185	-1.21627	0.0407741	0.589391	-1.69667	7.82932	6.21324	0.70541	1
cg01075463	0.00810592	0.5062	-1.97551	0.000227993	0.292281	-3.42136	0.0088475	0.512102	-1.95274	0.00381203	0.456784	-2.18922	18.3848	11.7433	0.567776	1
cg25965499	0.474196	0.76235	-1.31173	0.0244252	0.367991	-2.71745	0.0155838	0.330978	-3.02135	0.0922603	0.501145	-1.99543	10.2365	22.5337	1.95673	1
cg11742068	0.063415	1.14217	1.14217	0.00213515	1.3162	1.3162	0.0253928	1.18436	1.18436	0.756474	1.02001	1.02001	8.68441	0.557763	0.0570896	1
cg01534273	0.0584453	1.46566	1.46566	0.000254874	2.93675	2.93675	0.00691678	1.86828	1.86828	0.0239726	1.6186	1.6186	6.49001	3.28621	0.450088	1
cg03290418	0.0440023	0.370282	-2.70065	0.00410286	0.191491	-5.22218	0.00539394	0.207549	-4.81815	0.146365	0.512076	-1.95284	4.9116	14.334	2.59413	1
cg03214395	0.0720729	1.37317	1.37317	0.553156	1.09939	1.09939	0.019075	1.56544	1.56544	0.617076	1.08288	1.08288	4.43549	1.75267	0.351242	1
cg03939371	0.0572994	1.8721	1.8721	0.260593	1.40798	1.40798	0.203337	1.47927	1.47927	0.442412	1.25657	1.25657	4.01618	5.40851	1.19705	1
cg14654587	0.550834	1.40969	1.40969	0.0459959	3.67342	3.67342	0.269231	1.92444	1.92444	0.484331	1.49833	1.49833	3.89722	19.9799	4.55708	1
cg23333501	0.362899	1.37268	1.37268	0.0149024	2.7575	2.7575	0.907126	1.04033	1.04033	0.118203	1.77645	1.77645	3.45265	6.27457	1.61539	1
cg15193475	0.00751546	0.171404	-5.83418	0.000928075	0.0792637	-12.6161	0.101484	0.398819	-2.5074	0.00485425	0.147378	-6.78527	6.97066	29.017	3.7002	1
cg08098980	0.0695497	1.59841	1.59841	0.169677	1.40212	1.40212	0.944532	1.01621	1.01621	0.00342787	0.399062	-2.50588	5.93706	5.01979	0.751556	1
cg00732783	0.0711045	0.431497	-2.31751	0.000673403	0.114415	-8.74011	0.758446	0.879332	-1.13723	0.257375	0.610932	-1.63684	4.7641	13.1135	2.44672	1
cg01297479	0.0391842	1.69761	1.69761	0.111173	0.68057	-1.46936	0.284722	1.27945	1.27945	0.312563	1.26068	1.26068	4.11865	3.20789	0.692328	1
cg24640510	0.485446	0.776307	-1.28815	0.0319669	0.407484	-2.45408	0.388152	0.729094	-1.37157	0.525407	0.794636	-1.25844	3.89334	7.86841	1.79644	1
cg00728585	0.0101524	0.564263	-1.77222	0.0799741	0.709731	-1.40898	0.580054	1.10367	1.10367	0.133639	0.751617	-1.33046	3.4701	1.71192	0.438518	1
cg26186754	3.08E-05	0.317475	-3.14985	0.0154101	0.657529	-1.52085	0.129575	1.25979	1.25979	0.0182406	1.498	1.498	12.2698	3.86482	0.279988	1
cg23098621	0.00392704	0.45141	-2.21528	6.85E-06	0.129498	-7.72213	1.11E-05	0.147153	-6.79565	0.151262	0.72967	-1.37048	25.0154	16.6407	0.591306	1
cg09214953	0.00309908	0.319214	-3.13269	0.000114743	0.148184	-6.74838	0.506444	0.826791	-1.2095	0.0111905	0.407802	-2.45217	8.76359	11.0502	1.12082	1
cg21504793	0.00328898	2.07132	2.07132	0.303786	1.21367	1.21367	0.345093	0.83794	-1.1934	0.424162	0.862078	-1.15999	3.74659	1.96161	0.465399	1
cg03874539	0.209734	0.665914	-1.50169	0.00324264	0.290864	-3.43803	0.706575	0.890188	-1.12336	0.638971	0.864733	-1.15643	3.71982	5.57331	1.3318	1
cg10833066	0.156741	0.213588	-4.68191	0.00150577	0.00946	-105.708	0.0238188	0.063993	-15.6267	0.275077	0.314332	-3.18135	3.70848	61.0081	14.6231	1
cg19186435	0.989626	0.99766	-1.00235	0.00108481	0.419286	-2.38501	0.0625657	1.45893	1.45893	0.334129	1.19665	1.19665	19.5092	10.0356	0.457246	1
cg08650629	0.613698	0.825601	-1.21124	8.83E-05	14.0783	14.0783	0.839257	1.07947	1.07947	0.579075	0.809799	-1.23487	6.71126	15.0664	1.9955	1
cg24977886	0.31022	1.534	1.534	0.000216363	12.3684	12.3684	0.738725	0.87249	-1.14615	0.190553	0.568453	-1.75916	5.21564	13.7164	2.33765	1
cg16740427	0.251183	0.650038	-1.53837	0.0502556	2.22965	2.22965	0.766952	1.11268	1.11268	0.0895049	0.510381	-1.95932	3.59409	7.3471	1.81708	1
cg10029411	0.222973	0.854053	-1.17089	0.0149601	1.44571	1.44571	0.86018	0.978513	-1.02196	0.117544	0.811051	-1.23297	7.66905	1.84353	0.213676	1
cg14428862	0.257571	1.17915	1.17915	0.567703	0.922598	-1.0839	0.849831	0.973909	-1.02679	0.0486123	0.730385	-1.36914	5.27268	1.62461	0.273882	1
cg14304515	0.0173257	3.11076	3.11076	0.000868497	7.07499	7.07499	0.00564085	4.14705	4.14705	0.0328949	2.65667	2.65667	6.24169	15.1563	2.15843	1
cg09645475	0.673221	0.873123	-1.14531	0.00248053	0.260463	-3.83931	0.00326433	0.277279	-3.60648	0.701068	0.883931	-1.13131	6.11029	9.901	1.44034	1
cg26275986	0.0164747	0.367489	-2.72117	0.00238499	0.235398	-4.24812	0.642396	1.17322	1.17322	0.0683554	0.498011	-2.00799	5.66665	10.4737	1.64294	1
cg05287314	0.0733945	2.79767	2.79767	0.00653412	6.17811	6.17811	0.00229606	8.99095	8.99095	0.0235096	4.03189	4.03189	4.52184	19.0193	3.73876	1
cg20289911	0.10737	0.554397	-1.80376	0.00189643	0.228241	-4.38133	0.0493633	0.471008	-2.12311	0.0792215	0.51993	-1.92334	4.34658	7.75579	1.58608	1
cg08042538	0.0230268	8.99114	8.99114	0.00431971	21.8031	21.8031	0.015061	11.1746	11.1746	0.0513005	6.00616	6.00616	4.29264	44.3725	9.18833	1
cg02697721	0.398879	1.1782	1.1782	0.00944974	1.86736	1.86736	0.708888	0.931267	-1.07381	0.948231	1.01241	1.01241	4.13749	2.3624	0.507533	1
cg15743533	0.532107	0.691396	-1.44635	0.0025817	0.0875229	-11.4256	0.0674972	0.302826	-3.30222	0.205703	0.459099	-2.17818	3.48497	18.769	4.78729	1
cg14855292	0.515283	1.09138	1.09138	0.820109	0.970263	-1.03065	0.325768	0.874174	-1.14394	0.737567	0.956408	-1.04558	4.29036	1.19359	0.247291	1
cg12219325	0.851448	1.04568	1.04568	0.0238616	1.90109	1.90109	8.76E-08	65.9844	65.9844	0.496719	0.84838	-1.17872	40.2772	36.2174	0.799293	1
cg13247663	0.262115	1.51597	1.51597	0.17547	0.598923	-1.66966	1.21E-06	86.4088	86.4088	0.846898	1.0712	1.0712	19.8467	39.7941	1.78229	1
cg01602153	0.871627	1.08328	1.08328	0.000988727	11.2611	11.2611	1.83E-05	75.474	75.474	0.954142	1.02886	1.02886	13.7789	53.396	3.44462	1
cg12615766	0.0253988	2.99195	2.99195	0.286214	0.63329	-1.57905	1.12E-05	47	47	0.867402	0.933397	-1.07136	11.7516	31.6654	2.39516	1
cg04043052	0.563502	1.14314	1.14314	0.0673413	0.625258	-1.59934	0.00797688	2.17931	2.17931	0.861394	1.04084	1.04084	8.86193	7.36472	0.738713	1
cg23881926	0.788987	1.27079	1.27079	0.00532629	26.578	26.578	0.000237269	230.4	230.4	0.838337	1.20022	1.20022	7.17467	90.6911	11.236	1
cg02505871	0.00252961	0.0656209	-15.2391	0.0869176	0.306611	-3.26146	0.613896	1.36838	1.36838	0.53767	0.68047	-1.46957	6.26843	36.8422	4.57133	1
cg26369642	0.45387	0.891786	-1.12134	0.00701588	1.68759	1.68759	0.865019	0.974784	-1.02587	0.726431	1.05414	1.05414	4.26237	1.52117	0.317231	1
cg13711238	0.781058	0.852259	-1.17335	0.150738	0.413283	-2.41965	0.76674	1.18611	1.18611	0.376532	1.68315	1.68315	3.68387	19.2071	4.63451	1
cg09379188	0.977116	0.992796	-1.00726	0.0198371	2.03174	2.03174	0.122146	1.52544	1.52544	0.227471	0.726632	-1.37621	3.61916	3.64139	0.894349	1
cg23548885	0.628919	0.91743	-1.09	0.14358	0.757198	-1.32066	1.15E-06	9.32755	9.32755	0.0212443	1.63247	1.63247	30.8779	15.3171	0.440935	1
cg01880096	0.153981	0.784464	-1.27476	0.0010925	0.464749	-2.1517	4.81E-05	3.37654	3.37654	0.36502	1.15956	1.15956	11.3962	4.56617	0.356156	1
cg14255256	0.992642	1.00404	1.00404	0.0751367	0.420857	-2.3761	4.28E-05	29.8297	29.8297	0.346634	1.52692	1.52692	10.5779	31.9534	2.68513	1
cg15574509	0.296294	1.51758	1.51758	0.00177325	5.55348	5.55348	0.0948895	2.02781	2.02781	0.0556546	2.30542	2.30542	7.3499	17.2701	2.08862	1
cg19145730	0.732919	1.14572	1.14572	0.813073	1.09861	1.09861	0.000844284	8.43432	8.43432	0.768745	1.1242	1.1242	4.8185	11.769	1.89969	1
cg23574281	0.00362323	0.284311	-3.51727	0.162058	0.620703	-1.61108	0.570764	1.20084	1.20084	0.467341	0.789581	-1.26649	4.00166	6.46745	1.43662	1
cg20318662	0.547399	0.774627	-1.29094	0.316309	1.54425	1.54425	0.0441949	2.63691	2.63691	0.138796	1.951	1.951	3.72215	10.3709	2.47669	1
cg15237857	0.0869572	0.540786	-1.84916	0.00505663	3.33853	3.33853	0.860127	0.944254	-1.05904	0.414004	1.31202	1.31202	3.5382	5.92657	1.48891	1
cg12802822	0.0395815	2.59573	2.59573	0.531905	1.28884	1.28884	0.0758384	0.453009	-2.20746	0.648584	1.20187	1.20187	6.32302	14.2962	2.26097	1
cg27199889	0.490108	0.886609	-1.12789	0.00156729	0.458442	-2.1813	0.839508	1.03543	1.03543	0.805435	0.958516	-1.04328	4.91777	2.29554	0.414921	1
cg23760189	0.0190616	0.624458	-1.60139	0.736818	0.945569	-1.05756	0.783314	1.0468	1.0468	0.479379	1.12672	1.12672	3.92821	1.71295	0.387612	1
cg12437873	0.469648	1.3723	1.3723	0.760513	1.14057	1.14057	0.655854	0.824501	-1.21285	0.994097	1.00319	1.00319	3.71948	10.9041	2.60588	1
cg06770568	0.170751	0.815317	-1.22652	0.0317052	0.702928	-1.42262	0.445129	1.11511	1.11511	0.077099	1.31671	1.31671	21.7748	6.75705	0.275835	1
cg08653292	0.323986	0.79687	-1.25491	0.000154228	0.235631	-4.24393	0.174606	0.724786	-1.37972	0.000189123	0.245797	-4.06839	13.9826	11.004	0.699534	1
cg15723195	0.312661	1.29657	1.29657	0.000150834	0.198334	-5.04201	0.0282274	1.90465	1.90465	0.663635	0.896892	-1.11496	13.4417	13.1656	0.87063	1
cg18529243	0.0146122	2.57062	2.57062	0.0172416	0.402121	-2.48681	0.00923934	2.82185	2.82185	0.691265	1.13353	1.13353	6.39037	9.97791	1.38791	1
cg25067153	0.352887	1.09419	1.09419	0.295382	0.902866	-1.10758	0.794339	1.02491	1.02491	0.428977	1.079	1.079	4.89153	0.686938	0.12483	1
cg13292900	0.281031	0.788154	-1.26879	0.105446	0.686723	-1.45619	0.514764	1.15068	1.15068	0.208529	0.754502	-1.32538	4.7977	3.43024	0.635533	1
cg05172141	0.0653816	1.30137	1.30137	0.00259145	0.587641	-1.70172	0.633212	0.940608	-1.06314	0.217501	1.17967	1.17967	6.19033	1.59019	0.22834	1
cg23633158	0.496025	0.936512	-1.06779	0.484419	0.934794	-1.06975	0.39717	1.08575	1.08575	0.997798	0.999738	-1.00026	5.22577	0.745316	0.126776	1
cg21833459	0.53615	1.07008	1.07008	0.0144682	0.721962	-1.38512	0.184976	1.16415	1.16415	0.00847902	1.43808	1.43808	3.73072	0.690642	0.164554	1
cg14859464	0.487646	0.940783	-1.06294	4.17E-05	0.508861	-1.96517	0.000517396	1.59818	1.59818	0.701588	1.03389	1.03389	20.8777	2.47795	0.105501	1
cg00630453	0.0303623	0.778233	-1.28496	0.000122522	0.516682	-1.93543	0.332278	0.90617	-1.10355	0.0059149	1.42573	1.42573	10.4252	1.60218	0.136608	1
cg02852436	0.615232	0.931189	-1.0739	7.14E-05	0.361195	-2.76859	0.753114	0.956582	-1.04539	0.426334	1.12105	1.12105	7.31494	2.29269	0.2786	1
cg25581826	0.381903	1.16459	1.16459	0.167349	0.77874	-1.28412	0.618279	1.0891	1.0891	0.0305319	0.649295	-1.54013	4.75442	2.17372	0.4064	1
cg05478172	0.137608	0.667367	-1.49843	9.43E-05	0.172054	-5.81211	0.000156989	0.194781	-5.13397	0.791507	0.935186	-1.06931	15.5546	15.7589	0.900562	1
cg06159109	0.973474	1.00622	1.00622	0.000182193	3.2563	3.2563	0.00639924	0.515966	-1.93811	0.513005	0.883605	-1.13173	7.86102	4.33152	0.489789	1
cg06547285	0.367933	0.764909	-1.30734	0.0115843	0.400634	-2.49604	0.0420442	0.50719	-1.97165	0.00381805	0.322933	-3.09661	6.95077	9.2443	1.18219	1
cg06582512	0.168104	0.594289	-1.68268	0.649169	1.17616	1.17616	0.00443407	0.260502	-3.83874	0.0114993	0.326298	-3.06468	4.59479	9.13321	1.76687	1
cg04989085	0.878578	1.01706	1.01706	0.013418	1.40328	1.40328	0.00605007	0.672494	-1.487	0.240136	1.1458	1.1458	4.02597	0.780838	0.1724	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)
cg05596756	FAM113B;FAM113B;LOC100233209	0.00978512	0.311868	0.788822	-1.26771	0.27723	1.29204
cg00037681	FAM113B;LOC100233209;FAM113B	0.0036247	0.512005	0.881468	-1.13447	0.00984958	0.538567
cg20057147	FAM114A1	0.00244996	0.00514113	0.181393	-5.5129	0.00226009	0.13892
cg20016631	FAM114A1	0.00481772	0.00397741	0.272329	-3.67203	0.287178	0.689873
cg24576960	FAM114A1	0.0423282	0.210752	0.694049	-1.44082	0.315568	0.750216
cg03499052	FAM114A1;MIR574	0.00110615	0.351752	1.07614	1.07614	0.403245	1.06769
cg01285862	FAM114A2	0.0344054	0.0225227	0.250359	-3.99427	0.046792	0.315485
cg01809845	FAM114A2;MFAP3;MFAP3;MFAP3	0.0112215	0.811697	0.945657	-1.05747	0.422741	0.825547
cg03707950	FAM114A2;MFAP3;MFAP3;MFAP3	0.011369	0.149671	0.643162	-1.55482	0.0550682	0.53714
cg02266399	FAM115A	3.73E-05	0.349902	0.870313	-1.14901	0.139989	0.795149
cg09671837	FAM115A	0.00687123	0.106241	1.31512	1.31512	0.000686262	0.447028
cg21939395	FAM115A	0.00884182	0.235619	0.778314	-1.28483	0.0530924	0.642
cg24227264	FAM115A	0.0109467	0.0176319	3.01836	3.01836	0.75736	1.12184
cg11490986	FAM115A	0.0350535	0.296878	0.836672	-1.19521	0.314499	0.842399
cg16722118	FAM115A	0.0392111	0.00760544	0.254845	-3.92395	0.285427	1.55566
cg16807089	FAM115A	0.0491203	0.45367	0.839982	-1.1905	0.253042	0.761306
cg10753423	FAM115C;FAM115C;FAM115C	0.0363176	0.730824	0.975185	-1.02545	0.231601	1.09559
cg08993582	FAM116A	0.000112334	2.13E-06	0.17366	-5.75838	0.00920309	0.608187
cg03648907	FAM116A	0.00270118	0.882358	1.01764	1.01764	0.000383692	1.95284
cg13011429	FAM116A	0.00440917	0.0117478	0.343391	-2.91213	0.00353985	3.8289
cg04080291	FAM116A	0.0375158	0.761992	0.957076	-1.04485	0.647424	0.935656
cg13145440	FAM117A	0.000206319	0.0658871	1.22196	1.22196	0.00491225	1.43621
cg25901662	FAM117A	0.000358763	0.882454	0.979349	-1.02109	0.0204252	0.674313
cg14503291	FAM117A	0.0011466	0.00659591	0.456493	-2.19062	0.0869649	0.656899
cg03856492	FAM117A	0.00271642	0.0409409	0.546412	-1.83012	0.0584506	0.578259
cg19668255	FAM117A	0.0233885	0.0135256	0.605453	-1.65165	0.0128122	1.66114
cg05256612	FAM117A	0.044385	0.997531	1.00104	1.00104	0.0381745	2.24276
cg26207408	FAM117B	0.0025027	0.301978	0.878331	-1.13852	0.0127615	0.687047
cg21495022	FAM117B	0.006269	0.0296169	0.593481	-1.68497	0.0319616	1.66873
cg24211292	FAM117B	0.0105833	0.518806	1.07915	1.07915	0.0664777	0.786879
cg26267614	FAM117B	0.0202352	0.0968533	1.9698	1.9698	0.304851	0.673511
cg21607501	FAM118A	0.0347373	0.032715	0.544426	-1.8368	0.153653	0.689551
cg05149537	FAM118A;FAM118A	0.0148714	0.279834	0.65333	-1.53062	0.0660778	0.457857
cg13318129	FAM118A;FAM118A	0.0173863	0.00502189	0.342504	-2.91967	0.0550709	0.533712
cg01404067	FAM118A;FAM118A	0.0287164	0.638532	0.865806	-1.15499	0.0158812	0.406752
cg23015157	FAM118A;FAM118A;FAM118A	1.43E-05	0.000678587	0.587479	-1.70219	0.000755159	1.68726
cg17791035	FAM118A;FAM118A;FAM118A	0.0327996	0.0605247	0.678754	-1.47329	0.0209571	1.66297
cg13361488	FAM118B	0.0104116	0.150822	0.757419	-1.32027	0.000483351	0.372476
cg11171579	FAM118B	0.0108718	0.420792	0.840726	-1.18945	0.396426	0.832615
cg09667721	FAM118B;RPUSD4;RPUSD4	0.00587567	0.873325	1.02025	1.02025	0.647865	0.943848
cg01685689	FAM118B;RPUSD4;RPUSD4	0.00881552	0.0921291	0.809241	-1.23573	0.415222	1.09974
cg22405558	FAM119A;FAM119A	7.65E-05	0.152172	1.0778	1.0778	0.00129001	0.795269
cg11726039	FAM119A;FAM119A	0.0099373	0.000182315	0.339721	-2.94359	0.96872	1.00671
cg04321494	FAM119A;FAM119A	0.0388288	0.0179399	2.02246	2.02246	0.0107901	0.456463
cg07496861	FAM119A;FAM119A;FAM119A	0.00846871	0.986924	1.00174	1.00174	0.00640862	1.45628
cg03041860	FAM119A;FAM119A;FAM119A	0.015049	0.0801858	0.818891	-1.22116	0.0721717	1.22946
cg20497026	FAM119B;FAM119B	0.00622973	0.844954	0.968938	-1.03206	0.00575864	1.79175
cg23106559	FAM119B;FAM119B	0.0471155	0.0647836	0.442169	-2.26158	0.222775	0.604064
cg12113251	FAM119B;FAM119B;TSFM	0.00189099	0.00189415	0.267426	-3.73935	0.74845	0.908106
cg09253762	FAM119B;METTL1;METTL1;FAM119B	0.0129062	0.24921	0.718158	-1.39245	0.00361242	0.338633
cg14379490	FAM120A	0.000472844	0.000497642	0.546256	-1.83064	0.433947	0.915206
cg14410137	FAM120A	0.0143932	0.000647831	0.384648	-2.59978	0.0700281	0.690783
cg09600829	FAM120A;FAM120AOS	0.0112916	0.554656	1.06091	1.06091	0.48532	1.07267
cg13493749	FAM120A;FAM120AOS	0.0254659	0.493314	1.19276	1.19276	0.292728	1.31859
cg07080049	FAM120A;FAM120AOS;FAM120A	0.014651	0.16612	0.823782	-1.21391	0.0714201	1.30251
cg14508973	FAM120AOS	0.00431834	0.142707	0.806053	-1.24061	0.0288953	0.702892
cg14471895	FAM120AOS;FAM120A	0.0414828	0.0156042	1.37618	1.37618	0.257762	0.880572
cg15152706	FAM120B	1.47E-05	0.00464024	1.66041	1.66041	0.56676	1.08109
cg11658975	FAM120B	9.12E-05	0.0045158	0.598671	-1.67037	0.000620317	0.489669
cg11016414	FAM120B	0.000116811	0.0848372	0.771427	-1.2963	0.00591868	0.612474
cg20370364	FAM120B	0.00109023	0.532556	1.1083	1.1083	0.00462059	1.84602
cg04953348	FAM120B	0.00158621	0.398855	1.2193	1.2193	0.000186442	4.25493
cg19525085	FAM120B	0.00213037	0.043921	0.793763	-1.25982	0.00303777	0.66692
cg08601570	FAM120B	0.00523572	0.0151964	0.575598	-1.73732	0.600373	0.906729
cg20496485	FAM120B	0.00574632	0.000669332	0.385758	-2.5923	0.170953	1.30577
cg26200580	FAM120B	0.00778905	0.507666	0.891348	-1.1219	0.000949325	2.3237
cg13629388	FAM120B	0.0349892	0.0210457	0.390378	-2.56162	0.0992606	0.542001
cg12830839	FAM120B	0.0363878	0.0146966	1.90188	1.90188	0.547672	0.877893
cg18127659	FAM120B	0.0484962	0.00407034	0.2446	-4.0883	0.0312203	0.397279
cg10105723	FAM120C	0.00353173	0.0143892	0.434794	-2.29994	0.243073	0.713736
cg02014085	FAM120C	0.0359894	0.322451	1.6356	1.6356	0.59664	0.773281
cg02765496	FAM122A;PIP5K1B	0.000645307	0.863749	1.01469	1.01469	0.00048616	0.62865
cg02569468	FAM122B;FAM122B;FAM122B;FAM122B;FAM122B	0.0351459	0.658898	1.15185	1.15185	0.0372491	0.463266
cg23616046	FAM122B;FAM122B;FAM122B;FAM122B;FAM122C;FAM122B	0.0244785	0.0708205	0.500916	-1.99634	0.601392	0.834843
cg17044023	FAM122B;FAM122B;FAM122B;FAM122B;FAM122C;FAM122B	0.037081	0.330938	0.594965	-1.68077	0.0360482	0.283055
cg12054337	FAM122B;FAM122B;FAM122B;FAM122B;FAM122C;FAM122B	0.0405517	0.0677228	0.477817	-2.09285	0.00842224	0.296917
cg08580380	FAM122B;FAM122B;FAM122C;FAM122B;FAM122B;FAM122B	0.0123111	0.0193921	0.294197	-3.39908	0.00266378	0.165597
cg07089438	FAM122C;FAM122C	0.0417497	0.0857574	0.222771	-4.48892	0.0170524	0.100276
cg22695906	FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C	0.0216514	0.00913883	0.269331	-3.71291	0.682207	0.849502
cg19912147	FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C	0.0296367	0.0298757	0.325661	-3.07068	0.220581	0.568123
cg26764180	FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C	0.0433097	0.0240442	0.0526624	-18.9889	0.0393229	0.0746556
cg01951307	FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C	0.0466925	0.485528	1.58792	1.58792	0.900847	1.08473
cg25422517	FAM123B	8.87E-05	0.243805	1.344	1.344	0.0006206	0.27892
cg14923379	FAM123B	0.000280494	0.442612	1.10736	1.10736	5.99E-05	0.380427
cg08690835	FAM123B	0.0021661	0.0987556	0.75498	-1.32454	0.00208994	0.510527
cg06666117	FAM123B	0.0120239	0.00181829	0.120777	-8.27975	0.0308371	0.29843
cg18396137	FAM123C;FAM123C;FAM123C;FAM123C	0.000712611	0.00059248	0.291555	-3.42989	0.000241484	4.10074
cg25816545	FAM123C;FAM123C;FAM123C;FAM123C	0.0009687	0.0842502	0.537922	-1.85901	2.39E-05	15.4067
cg17177632	FAM123C;FAM123C;FAM123C;FAM123C	0.00157109	0.022136	2.4172	2.4172	8.98E-05	9.529
cg13010502	FAM123C;FAM123C;FAM123C;FAM123C	0.00315745	0.912904	1.01677	1.01677	6.54E-05	3.0459
cg03882167	FAM123C;FAM123C;FAM123C;FAM123C	0.0153966	0.788047	0.925788	-1.08016	0.00046672	4.82825
cg01093878	FAM123C;FAM123C;FAM123C;FAM123C	0.0183773	0.156788	2.02679	2.02679	0.0180975	3.8155
cg10204868	FAM123C;FAM123C;FAM123C;FAM123C	0.0190504	0.109396	2.7233	2.7233	0.000587096	21.0892
cg05184394	FAM123C;FAM123C;FAM123C;FAM123C	0.0467351	0.0847117	2.7903	2.7903	0.00768761	6.31812
cg26301353	FAM123C;FAM123C;FAM123C;FAM123C	0.0483305	0.0802497	3.29293	3.29293	0.00197905	14.6414
cg25784308	FAM123C;FAM123C;FAM123C;FAM123C;FAM123C	0.000256451	0.000445892	3.76435	3.76435	5.95E-06	11.3797
cg16146322	FAM123C;FAM123C;FAM123C;FAM123C;FAM123C	0.0171561	0.0540681	2.69942	2.69942	0.000497592	11.8769
cg26574408	FAM124A	0.00165984	0.437374	1.1384	1.1384	0.0151536	1.62934
cg12813482	FAM124A	0.00219144	0.765577	1.02856	1.02856	0.00181528	0.658706
cg20863336	FAM124A	0.0105912	0.620348	0.914031	-1.09405	0.209515	0.788124
cg06907588	FAM124A	0.0219058	0.00892807	0.6623	-1.50989	0.645274	1.0591
cg10583144	FAM124A	0.0324838	0.297511	1.34049	1.34049	0.129341	1.55993
cg11317909	FAM124A	0.0361245	0.34326	0.880273	-1.13601	0.262941	1.16467
cg07691146	FAM124A	0.036433	0.0158166	3.78079	3.78079	0.130838	0.480034
cg23013850	FAM124B;FAM124B	0.00156236	0.0543589	0.617136	-1.62039	0.667867	1.10014
cg13131061	FAM124B;FAM124B	0.00422016	0.302794	1.12645	1.12645	0.299089	0.886873
cg02338947	FAM124B;FAM124B	0.00526746	0.0834542	0.595971	-1.67793	0.56967	0.856236
cg19108747	FAM124B;FAM124B	0.0100078	0.0978046	0.461139	-2.16854	0.93303	1.03647
cg01244015	FAM124B;FAM124B	0.0242936	0.0121395	0.147535	-6.77806	0.0754495	0.297755
cg16116321	FAM124B;FAM124B	0.0394294	0.856527	0.914108	-1.09396	0.171121	2.06086
cg22033061	FAM125A	0.00010595	0.000540592	0.298247	-3.35293	0.041043	1.69926
cg02217814	FAM125A	0.00110723	0.00291532	0.253892	-3.93869	0.000236155	0.129751
cg09999907	FAM125A	0.00471049	0.011222	0.825801	-1.21095	0.620947	1.03049
cg00695561	FAM125A	0.00534611	0.368018	0.841348	-1.18857	0.0876149	0.703091
cg22641093	FAM125A	0.00777902	0.149623	0.814673	-1.22749	0.00503942	1.6358
cg25730851	FAM125A	0.0190094	0.131337	0.756177	-1.32244	0.00109143	2.2857
cg15282417	FAM125B	0.00446347	0.615806	1.13318	1.13318	0.141062	1.47872
cg01487409	FAM125B	0.00489902	0.00799616	0.401338	-2.49166	0.58091	1.16155
cg14365300	FAM125B	0.00576426	0.350626	0.70518	-1.41808	0.000886991	6.11526
cg14388170	FAM125B	0.0102439	0.244155	1.17466	1.17466	0.0194945	0.682602
cg13493620	FAM125B	0.0179385	0.547366	0.856664	-1.16732	0.498952	0.839964
cg13916603	FAM125B	0.0201295	0.405265	1.20436	1.20436	0.462025	0.849163

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13600632	FAM125B	0.0211499	0.0139574	0.115649	-8.64689	0.00577895	0.0765968	-13.0554	0.0149973	0.119494	-8.36864	0.0599588	0.221407	-4.51656	0.00811673	0.0900033	-11.1107
cg21208062	FAM125B	0.0425123	0.209449	0.724694	-1.37989	0.0125796	0.469833	-2.12842	0.0360434	0.552363	-1.81041	0.129045	0.670813	-1.49073	0.926116	1.02283	1.02283
cg13676763	FAM125B	0.0496855	0.882932	0.948577	-1.05421	0.153596	1.72876	1.72876	0.10178	0.526365	-1.89982	0.0148835	0.341935	-2.92453	0.248532	0.649096	-1.5406
cg14515811	FAM125B;FAM125B	0.013156	0.741568	0.916998	-1.09051	0.21001	1.41325	1.41325	0.663873	0.891824	-1.1213	0.844732	1.05268	1.05268	0.00885814	0.417978	-2.39247
cg13995325	FAM125B;FAM125B	0.0162896	0.00807341	0.689367	-1.45061	0.993746	0.999141	-1.00086	0.939224	0.991674	-1.0084	0.0435012	0.775282	-1.28985	0.817592	0.974988	-1.02565
cg24765394	FAM125B;FAM125B	0.0191437	0.141499	0.704494	-1.41946	0.378235	0.818485	-1.22177	0.0769765	1.54605	1.54605	0.132565	0.697969	-1.43273	0.0996044	0.670407	-1.49163
cg14155193	FAM125B;FAM125B	0.0439702	0.0253729	0.42771	-2.33803	0.936294	0.974776	-1.02588	0.704248	0.885257	-1.12962	0.260854	1.45464	1.45464	0.110452	0.573562	-1.74349
cg07956515	FAM126A	0.000659672	6.28E-05	0.275322	-3.63211	0.00719589	1.83521	1.83521	0.00148238	2.23091	2.23091	0.00963386	0.563577	-1.77438	0.102105	0.731149	-1.36771
cg05129610	FAM126A	0.000854571	0.68512	0.965346	-1.0359	0.00373433	1.40325	1.40325	0.464505	1.06653	1.06653	0.708154	0.96799	-1.03307	0.140153	1.14719	1.14719
cg24853040	FAM126A	0.00420937	0.0347159	0.417078	-2.39763	0.00497313	0.266913	-3.74654	0.000671846	0.157566	-6.34657	0.224923	0.635858	-1.57268	0.000774631	0.164102	-6.09378
cg12266024	FAM126A	0.0109588	0.598269	1.10885	1.10885	0.183589	1.31542	1.31542	0.640397	0.91263	-1.09573	0.435153	1.16734	1.16734	0.212644	1.29056	1.29056
cg09627607	FAM126A	0.0150686	0.249429	1.32226	1.32226	0.099031	0.657259	-1.52147	0.413213	0.823553	-1.21425	0.832792	0.952123	-1.05028	0.000984871	0.32089	-3.11633
cg10311104	FAM126A	0.0236351	0.33482	0.868522	-1.15138	0.101145	1.2897	1.2897	0.908668	1.0164	1.0164	0.00511247	0.591973	-1.68926	0.586258	0.92507	-1.081
cg09006985	FAM126A	0.0277719	0.0590219	1.34069	1.34069	0.0919736	0.774845	-1.29058	0.0153758	1.50534	1.50534	0.985618	1.00248	1.00248	0.00709432	0.6198	-1.61342
cg27229764	FAM126A	0.0287754	0.515567	0.841861	-1.18784	0.0740762	1.68158	1.68158	0.504849	0.838043	-1.19326	0.810103	0.93908	-1.06487	0.00301749	0.345906	-2.89096
cg05748691	FAM126A;FAM126A	0.0227568	0.445001	1.07739	1.07739	0.281276	0.898332	-1.11317	0.463379	0.931032	-1.07408	0.321691	1.10298	1.10298	0.0120075	1.34984	1.34984
cg25058398	FAM126B	0.0043402	0.235799	0.710421	-1.40762	0.119723	1.59133	1.59133	0.842802	0.946826	-1.05616	0.324116	0.755606	-1.32344	0.0117313	0.420464	-2.37833
cg22645350	FAM126B	0.00640173	0.000582968	0.142791	-7.00325	0.487251	0.772335	-1.29478	0.112862	0.531713	-1.88071	0.0240068	0.373276	-2.67898	0.0291499	0.390262	-2.56238
cg18951135	FAM126B	0.0365123	0.0786845	0.564843	-1.7704	0.920352	1.02969	1.02969	0.132173	1.60846	1.60846	0.265036	1.40461	1.40461	0.402023	0.778125	-1.28514
cg11371162	FAM126B	0.038556	0.792186	0.949179	-1.05354	0.0250257	0.59058	-1.69325	0.982752	1.00428	1.00428	0.865717	0.967122	-1.034	0.772355	0.944314	-1.05897
cg14047656	FAM126B;NDUFB3;NDUFB3	0.00252781	0.117327	0.839809	-1.19075	0.288757	1.11966	1.11966	0.00263149	1.5331	1.5331	0.28918	1.11954	1.11954	0.00586728	1.44786	1.44786
cg26034150	FAM126B;NDUFB3;NDUFB3	0.0320419	0.23292	0.869114	-1.1506	0.0427479	1.29898	1.29898	0.97079	1.00411	1.00411	0.395391	0.906995	-1.10254	0.00697215	1.4791	1.4791
cg04494122	FAM127C;FAM127C	0.00219987	0.377751	1.27539	1.27539	0.0938532	1.64078	1.64078	0.866882	0.955911	-1.04612	0.582482	1.16094	1.16094	0.030128	0.503879	-1.9846
cg18875207	FAM127C;FAM127C	0.00486768	0.246664	0.682678	-1.46482	0.00434773	0.300977	-3.32251	0.895711	0.959518	-1.04219	0.68931	0.881057	-1.135	0.335629	0.731352	-1.36733
cg19383853	FAM128A	0.00101818	0.884883	0.970144	-1.03077	5.36E-05	0.206697	-4.838	0.000684657	0.33783	-2.96007	0.294403	1.2555	1.2555	0.795101	0.947005	-1.05596
cg15136597	FAM128A;LOC150776	1.34E-05	5.51E-07	0.110044	-9.08724	0.0620902	1.32915	1.32915	0.000190361	2.49299	2.49299	0.00021851	0.40923	-2.44362	0.172565	0.822922	-1.21518
cg21716299	FAM128A;LOC150776	0.0281517	0.91219	0.985637	-1.01457	0.140004	1.2315	1.2315	0.000799218	1.94243	1.94243	0.980801	0.996849	-1.00316	0.636518	0.939481	-1.06442
cg19982557	FAM128A;LOC150776	0.046622	0.209933	1.1992	1.1992	0.678556	1.05897	1.05897	0.680643	0.94469	-1.05855	0.77655	1.0399	1.0399	0.0279722	1.429	1.429
cg20230419	FAM128B	0.0398853	0.585249	0.77141	-1.29633	0.192388	1.91516	1.91516	0.541021	0.747191	-1.33835	0.84811	0.913653	-1.09451	0.347781	0.63427	-1.57661
cg03989520	FAM129A	0.000760749	0.627802	0.9196	-1.08743	0.233798	0.807231	-1.2388	0.0219149	0.623923	-1.60276	0.379556	0.856716	-1.16725	0.0492389	0.680397	-1.46973
cg23825344	FAM129A	0.00416684	0.021211	0.336811	-2.96902	0.000564289	0.122522	-8.16178	0.00203251	0.181045	-5.52349	0.00627381	0.246886	-4.05045	0.0334536	0.376771	-2.65413
cg21279326	FAM129A	0.0134196	0.051083	0.731626	-1.36682	0.00324397	0.568555	-1.75884	0.112853	0.784484	-1.27472	0.0943675	0.772105	-1.29516	0.0269369	0.691761	-1.44559
cg24724857	FAM129A	0.0160093	0.234521	1.37903	1.37903	0.0866674	0.613828	-1.62912	0.0026871	0.343047	-2.91505	0.021512	0.490584	-2.03839	0.792876	1.07022	1.07022
cg11970163	FAM129A	0.0186019	0.0141606	0.274518	-3.64275	0.950108	1.02708	1.02708	0.183836	0.547646	-1.826	0.406886	1.43668	1.43668	0.00261404	0.16863	-5.93015
cg04870918	FAM129A	0.0279941	0.0131772	0.677822	-1.47531	0.727642	0.956725	-1.04523	0.215973	0.848094	-1.17911	0.0488138	0.752248	-1.32935	0.0128499	0.676435	-1.47834
cg14028892	FAM129A	0.0411161	0.182194	0.817985	-1.22252	0.268823	0.849236	-1.17753	0.50259	1.10136	1.10136	0.421177	0.889938	-1.12367	0.231371	0.83683	-1.19499
cg18166655	FAM129A	0.0477587	0.0433251	0.689986	-1.44931	0.167271	0.790519	-1.26499	0.348993	0.857318	-1.16643	0.0431856	0.689765	-1.44977	0.595479	1.08932	1.08932
cg06740986	FAM129A	0.0486478	0.601494	1.1129	1.1129	0.23065	1.29083	1.29083	0.133761	0.720141	-1.38862	0.03781	1.63065	1.63065	0.0054502	0.476072	-2.10052
cg25149396	FAM129A;FAM129A	0.00766195	0.131967	0.800309	-1.24952	0.217101	0.837008	-1.19473	0.692005	1.05607	1.05607	0.106363	0.785378	-1.27327	0.437675	0.897208	-1.11457
cg17739181	FAM129B;FAM129B	0.0158902	0.0113095	0.627157	-1.5945	0.98069	1.00357	1.00357	0.241275	0.83492	-1.19772	0.0357061	0.698018	-1.43263	0.0034016	0.556782	-1.79603
cg17320378	FAM129C	0.0133067	0.0496094	0.407703	-2.45277	0.00181376	0.169284	-5.90725	0.0101861	0.273118	-3.66142	0.106586	0.493719	-2.02544	0.00709531	0.248243	-4.02831
cg10749626	FAM129C;FAM129C	0.000301108	0.752208	0.978588	-1.02188	0.00029228	1.49696	1.49696	0.664828	1.03024	1.03024	0.24349	0.919989	-1.08697	0.0735404	1.14606	1.14606
cg12847399	FAM129C;FAM129C	0.00253416	0.000476481	4.29927	4.29927	0.842081	1.05447	1.05447	0.563806	0.856274	-1.16785	0.0106677	2.34801	2.34801	0.938924	1.02059	1.02059
cg23982317	FAM129C;FAM129C	0.00457211	0.00746594	0.176762	-5.65733	0.0534795	0.331738	-3.01443	0.0220591	0.251267	-3.97983	0.221588	0.523953	-1.90857	0.00262701	0.12305	-8.12681
cg17785018	FAM129C;FAM129C	0.00566976	0.0133754	0.332711	-3.00561	0.0015028	0.193372	-5.17138	0.0918835	0.513479	-1.9475	0.168102	0.59	-1.69492	0.00442493	0.255542	-3.91326
cg04084436	FAM129C;FAM129C	0.00629962	0.000311134	0.365414	-2.73662	0.0939771	0.728368	-1.37293	0.00353378	0.506292	-1.97515	0.166437	0.775732	-1.2891	0.299472	0.831039	-1.20331
cg08528778	FAM129C;FAM129C	0.0179742	0.373409	1.44847	1.44847	0.00644916	0.237784	-4.2055	0.0407808	0.383809	-2.60546	0.0692721	0.438629	-2.27983	0.0152506	0.298736	-3.34743
cg19835136	FAM129C;FAM129C	0.0180395	0.0111928	5.20308	5.20308	0.999144	1.00056	1.00056	0.847784	0.905108	-1.10484	0.189835	2.05538	2.05538	0.0561498	3.07171	3.07171
cg14041069	FAM129C;FAM129C	0.037978	0.451407	0.623585	-1.60363	0.00866219	0.12749	-7.84373	0.112242	0.344946	-2.899	0.0377996	0.227033	-4.40464	0.0106598	0.138607	-7.21464
cg14024889	FAM129C;FAM129C	0.0451954	0.0075366	0.354073	-2.82427	0.418304	0.779006	-1.28369	0.0129395	0.39394	-2.53846	0.251081	0.696212	-1.43634	0.712603	0.894295	-1.1182
cg09044738	FAM12A	0.000373006	0.759095	0.932977	-1.07184	1.95E-05	0.141663	-7.05899	0.000418007	0.283118	-3.5321	0.475081	0.8489	-1.178	0.0613779	0.621661	-1.60859
cg19906534	FAM12A	0.000557856	3.51E-05	0.0510815	-19.5766	0.00473536	0.247481	-4.04072	0.0280833	0.380792	-2.6261	0.932037	0.968751	-1.03226	0.00101463	0.16293	-6.13761
cg10239638	FAM12A	0.00249311	0.00957541	0.180388	-5.54361	0.663265	1.25699	1.25699	0.0124466	0.197174	-5.07165	0.00477567	0.141472	-7.06853	0.111325	0.404343	-2.47315
cg03575556	FAM12A	0.00676518	0.572378	0.792418	-1.26196	0.624425	1.22293	1.22293	0.0779347	0.44982	-2.22311	0.0095177	0.26196	-3.81738	0.000653202	0.118725	-8.42285
cg06298205	FAM12A	0.0175429	0.00522568	0.15595	-6.41231	0.736226	0.843235	-1.18591	0.0885024	0.387615	-2.57988	0.0127287	0.209879	-4.76464	0.202859	0.507637	-1.96991
cg15451892	FAM12A	0.0199495	0.00223941	0.498649	-2.00542	0.265726	0.828146	-1.20752	0.0391416	0.67833	-1.47421	0.345592	1.17109	1.17109	0.76672	0.95278	-1.04956
cg07150038	FAM12A	0.0330837	0.00669438	0.143434	-6.97186	0.0581368	0.306593	-3.26165	0.202443	0.475713	-2.10211	0.072659	0.33101	-3.02105	0.0264058	0.233775	-4.27762
cg23512360	FAM12A	0.0459716	0.759591	1.09114	1.09114	0.00887264	2.57651	2.57651	0.974837	1.009	1.009	0.494913	0.821236	-1.21768	0.431931	0.796186	-1.25599
cg07010207	FAM12B	5.06E-05	0.00540911	0.41231	-2.42536	0.269556	0.757114	-1.3208	0.00444501	0.399135	-2.50542	0.000124528	0.19821	-5.04517	0.00651694	0.425044	-2.3527
cg15842430	FAM12B	0.00186918	0.0259801	0.475461	-2.10322	0.440028	1.24799	1.24799	0.00430332	0.341647	-2.927	0.959361	0.985767	-1.01444	0.395901	0.783027	-1.2771
cg01724456	FAM12B	0.0223096	0.0146098	0.122834	-8.14106	0.25678	0.438073	-2.28273	0.0877875	0.26875	-3.72093	0.748962	1.25093	1.25093	0.0216733	0.146272	-6.83658
cg03396324	FAM131A;FAM131A	0.000754595	0.15336	1.35984	1.35984	6.80E-05	4.32813	4.32813	0.263966	1.26376	1.26376	0.00271365	2.29929	2.29929	0.00178712	0.409146	-2.44411
cg22921096	FAM131A;FAM131A	0.00130844	0.0237609	1.36211	1.36211	0.306596	1.12886	1.12886	0.000105396	2.19091	2.19091	0.0160397	1.40145	1.40145	0.0481591	1.29512	1.29512
cg25734279	FAM131A;FAM131A	0.0145258	0.128323	0.440583	-2.26972	0.016787	4.28527	4.28527	0.00749272	5.56442	5.56442	0.0084508	5.34776	5.34776	0.928401	0.956176	-1.04583
cg11635053	FAM131A;FAM131A	0.0178014	0.0685132	0.501094	-1.99563	0.00825789	3.14096	3.14096	0.0662072	2.0101	2.0101	0.019552	2.60147	2.60147	0.735092	0.891302	-1.12195
cg27205938	FAM131A;FAM131A	0.0360388	0.0518655	1.31714	1.31714	0.352143	0.887613	-1.12662	0.0206596	0.706807	-1.41481	0.836461	0.974592	-1.02607	0.0220873	0.710525	-1.40741
cg03249020	FAM131B;FAM131B	0.0145326	0.0175572	1.36038	1.36038	0.003465	0.655329	-1.52595	0.0415353	0.778571	-1.2844	0.0692092	1.24173	1.24173	0.77329	0.969708	-1.03124
cg25946952	FAM131B;FAM131B	0.0177169	0.217626	0.812614	-1.2306	0.000704501	0.437746	-2.28443	0.152563	0.782601	-1.27779	0.0704219	0.723608	-1.38196	0.05771	0.709409	-1.40962
cg25775832	FAM131B;FAM131B	0.0296096	0.247232	0.834044	-1.19898	0.00495001	1.74752	1.74752	0.00399277	1.78673	1.78673	0.390987	0.876485	-1.14092	0.865222	0.974841	-1.02581
cg14494933	FAM131B;FAM131B	0.0423789	0.00520969	6.40077	6.40077	0.268152	0.559446	-1.78748	0.168288	0.477438	-2.09451	0.0285101	3.6748	3.6748	0.63943	1.26821	1.26821
cg10798048	FAM131C	0.000555188	0.0100022	0.75201	-1.32977	0.634045	0.958841	-1.04293	0.151119	0.873868	-1.14434	0.307164	1.09708	1.09708	0.427386	0.931445	-1.0736
cg20326928	FAM131C	0.00954639	0.612986	0.918788	-1.08839	0.00891894	1.73758	1.73758	0.00788257	1.76126	1.76126	0.492929	1.12258	1.12258	0.509916	0.894939	-1.1174
cg03466522	FAM131C	0.0182876	0.00825597	0.348816	-2.86684	0.0426704	2.07	2.07	0.554227	0.829835	-1.20506	0.878404	0.953387	-1.04889	0.0442065	0.486412	-2.05587
cg25851313	FAM131C	0.0307603	0.0203737	0.23075	-4.3337	0.842374	0.900833	-1.11008	0.187973	0.48103	-2.07887	0.45013	0.667881	-1.49727	0.00143749	0.0891868	-11.2124
cg22512888	FAM132A	0.000961694	0.015073	0.705592	-1.41725	0.0110971	0.689528	-1.45027	0.00648875	0.66162	-1.51144	0.739187	1.03978	1.03978	3.93E-05	0.399126	-2.50548
cg20747739	FAM132A	0.00154078	0.103521	0.650413	-1.53748	0.00360317	0.385931	-2.59113	0.156855	1.44169	1.44169	0.00992443	2.19655	2.19655	0.00123353	0.319399	-3.13088
cg10208113	FAM132A	0.00665069	0.0177822	1.96648	1.96648	0.236719	1.33765	1.33765	0.769125	1.07151	1.07151	0.35555	1.24983	1.24983	0.000384123	0.264522	-3.7804
cg19236794	FAM132A	0.0147184	0.184555	0.490858	-2.03725	0.0890813	2.58082	2.58082	0.0894836	2.57714	2.57714	0.0603938	2.91767	2.91767	0.0245452	0.258136	-3.87393
cg06443533	FAM132A	0.0180832	0.157362	0.365065	-2.73924	0.00649733	10.5633	10.5633	0.231944	2.3059	2.3059	0.00881875	9.22763	9.22763	0.0511387	0.2276	-4.39368
cg15582176	FAM132A	0.0344666	0.947062	1.02371	1.02371	0.0188597	0.36644	-2.72896	0.0371624	0.425756	-2.34876	0.148744	0.578922	-1.72735	0.00498	0.269285	-3.71354
cg26214064	FAM133A;FAM133A;FAM133A;FAM133A	0.0316635	0.0575387	0.595435	-1.67945	0.16475	0.699237	-1.43013	0.0118892	0.468656	-2.13376	0.926298	0.977914	-1.02259	0.0079462	0.439764	-2.27394
cg24381372	FAM133A;FAM133A;FAM133A;FAM133A;FAM133A;FAM133A;FAM133A;NAP1L3;FAM133A	0.00162985	1.87E-05	0.195937	-5.10367	0.195686	0.774146	-1.29175	0.388998	0.847765	-1.17957	0.153714	0.751468	-1.33073	0.231697	0.790835	-1.26449
cg05245722	FAM133A;FAM133A;FAM133A;FAM133A;FAM133A;FAM133A;FAM133A;NAP1L3;FAM133A	0.00670935	0.00809623	0.498594	-2.00564	0.00309686	0.43574	-2.29495	0.0133035	0.532848	-1.87671	0.249146	0.780969	-1.28046	0.492978	0.866839	-1.15362
cg07907859	FAM133A;FAM133A;FAM133A;NAP1L3;FAM133A	0.0111447	0.0746458	0.842648	-1.18674	0.000762198	1.55232	1.55232	0.464811	0.937876	-1.06624	0.591172	0.954327	-1.04786	0.200986	0.890084	-1.12349
cg22189618	FAM133A;FAM133A;NAP1L3;FAM133A;FAM133A	7.94E-05	0.00058369	0.302103	-3.31012	0.00190286	2.6922	2.6922	0.0395914	1.70887	1.70887	0.0761898	1.55924	1.55924	?	?	?
cg02981877	FAM133A;FAM133A;NAP1L3;FAM133A;FAM133A	0.00248113	0.0666576	0.755263	-1.32404	0.000315877	2.21797	2.21797	0.253463	1.17679	1.17679	0.0339368	0.713225	-1.40208	0.320599	0.869287	-1.15037
cg25708451	FAM133A;FAM133A;NAP1L3;FAM133A;FAM133A	0.0397851	0.0100945	0.569144	-1.75702	0.139729	0.758869	-1.31775	0.78087	1.04961	1.04961	0.476134	0.881786	-1.13406	0.573501	0.905961	-1.1038
cg04516975	FAM133B;FAM133B	3.19E-05	0.00223242	0.75617	-1.32245	0.146038	1.10723	1.10723	0.00122888	1.36142	1.36142	0.411168	0.946627	-1.05638	0.00263341	0.762076	-1.31221
cg00773810	FAM133B;FAM133B	0.00106315	0.107147	0.836185	-1.19591	0.000110815	0.50068	-1.99729	0.000725656	0.592818	-1.68686	0.136537	1.17724	1.17724	0.651025	0.954734	-1.04741
cg11837864	FAM134A	0.00128305	8.26E-05	0.430788	-2.32133	0.348163	1.12155	1.12155	0.417685	0.906325	-1.10336	0.100709	0.80774	-1.23802	0.0110875	1.45972	1.45972
cg21020082	FAM134A;C2orf24	3.00E-05	0.0208357	1.51679	1.51679	0.000256457	2.46345	2.46345	2.20E-06	5.67527	5.67527	0.164912	0.801007	-1.24843	0.00958347	0.611859	-1.63436
cg26157802	FAM134A;C2orf24	0.0130566	0.000535145	0.362926	-2.75538	0.655043	0.918891	-1.08827	0.317737	0.823439	-1.21442	0.572257	0.898216	-1.11332	0.396467	0.849304	-1.17743
cg23698501	FAM134A;C2orf24	0.0219854	0.609712	1.07141	1.07141	0.0250293	1.42928	1.42928	0.0186347	1.46533	1.46533	0.429191	0.897524	-1.11418	0.353604	1.13639	1.13639
cg00583303	FAM134B	0.00289582	0.0402724	0.794724	-1.2583	0.15718	1.158	1.158	0.000499444	0.589756	-1.69562	0.244112	0.888548	-1.12543	0.509631	0.937196	-1.06701
cg15529432	FAM134B	0.00483306	0.135983	0.626133	-1.59711	0.125847	1.6204	1.6204	0.897747	1.03818	1.03818	0.01605	2.36033	2.36033	0.00152412	0.264481	-3.78099
cg26425555	FAM134B	0.0344487	0.163339	2.05693	2.05693	0.0108152	4.71991	4.71991	0.148585	2.11931	2.11931	0.0352693	3.28252	3.28252	0.975401	0.985164	-1.01506
cg12344249	FAM134B;FAM134B	0.00532837	0.165239	0.748573	-1.33587	0.256535	1.26074	1.26074	0.0683127	0.670776	-1.49081	0.0145908	0.555172	-1.80124	0.0012045	0.395416	-2.52898
cg21132229	FAM134C;FAM134C	0.00594319	0.0220885	0.380822	-2.6259	0.0029427	0.237784	-4.20549	0.576359	1.21962	1.21962	0.117267	0.549664	-1.81929	0.0746289	0.497315	-2.0108
cg12865436	FAM134C;FAM134C;TUBG1	0.000843104	0.591348	0.942753	-1.06072	2.44E-05	2.49384	2.49384	0.0152411	1.38284	1.38284	0.134133	0.83886	-1.19209	0.00646631	0.680373	-1.46978
cg00491851	FAM134C;TUBG1;FAM134C	0.00243192	0.878015	1.06975	1.06975	0.195866	0.548572	-1.82291	0.000230458	0.068258	-14.6503	0.314752	0.633592	-1.5783	0.360922	1.51027	1.51027
cg17661955	FAM134C;TUBG1;FAM134C	0.0402526	0.0982202	0.860289	-1.1624	0.426945	1.06962	1.06962	0.00912049	1.31633	1.31633	0.74836	1.02707	1.02707	0.0944042	0.858509	-1.16481
cg05401645	FAM134C;TUBG1;FAM134C;TUBG1	0.0257797	0.282563	1.13321	1.13321	0.034978	1.31676	1.31676	0.0744952	1.24924	1.24924	0.669964	1.04919	1.04919	0.0606281	1.26732	1.26732
cg08588455	FAM134C;TUBG1;FAM134C;TUBG1	0.0290174	0.696312	1.06471	1.06471	0.00276182	1.93481	1.93481	0.161739	1.26979	1.26979	0.306913	0.84444	-1.18422	0.419419	0.876448	-1.14097
cg05295558	FAM134C;TUBG1;FAM134C;TUBG1	0.0440256	0.0527445	0.692725	-1.44357	0.0548474	1.43774	1.43774	0.0230561	1.57322	1.57322	0.570153	0.908755	-1.10041	0.518529	0.896616	-1.11531
cg20954110	FAM134C;TUBG1;FAM134C;TUBG1;FAM134C	3.77E-05	0.0425831	1.5124	1.5124	0.646438	1.08528	1.08528	0.0465894	0.667773	-1.49751	0.426648	0.86604	-1.15468	4.02E-07	0.0771411	-12.9633
cg07544038	FAM135A;FAM135A	0.000851786	0.867649	1.07502	1.07502	0.000419959	11.3041	11.3041	0.00159952	7.12717	7.12717	0.0361038	0.347422	-2.87834	0.147391	0.509504	-1.96269
cg23194609	FAM135A;FAM135A	0.0117121	0.00111449	0.130099	-7.68647	0.0522593	2.55378	2.55378	0.411243	1.42881	1.42881	0.0806234	0.43915	-2.27712	0.0168125	0.289664	-3.45227
cg10909502	FAM135A;FAM135A	0.0224333	0.103952	1.22708	1.22708	0.301913	1.131	1.131	0.0319914	1.33539	1.33539	0.198159	0.855093	-1.16946	0.122671	0.824869	-1.21231
cg03090436	FAM135A;FAM135A	0.0238006	0.09738	0.450761	-2.21847	0.0864284	0.436193	-2.29257	0.0284887	0.322276	-3.10293	0.487149	1.36239	1.36239	0.0010313	0.11886	-8.41326
cg24691657	FAM135A;FAM135A	0.0279393	0.0174274	0.772332	-1.29478	0.297345	1.10123	1.10123	0.934839	1.00732	1.00732	0.688907	1.03657	1.03657	0.0886462	0.845669	-1.1825
cg10169261	FAM135A;FAM135A	0.0345455	0.765864	0.912687	-1.09567	0.0862421	1.78582	1.78582	0.918665	1.03174	1.03174	0.00168292	0.253198	-3.94948	0.605024	0.852472	-1.17306
cg11917415	FAM135A;FAM135A;FAM135A	0.00482669	0.011574	0.42595	-2.34769	0.00197924	0.306878	-3.25863	0.00663734	0.385822	-2.59187	0.0328248	0.509206	-1.96384	0.000797622	0.254359	-3.93145
cg13698991	FAM135A;FAM135A;FAM135A	0.0338488	0.0380953	0.317193	-3.15266	0.160916	0.489055	-2.04476	0.0404022	0.322778	-3.0981	0.776978	0.873153	-1.14528	0.0171031	0.249501	-4.008
cg00656991	FAM135A;FAM135A;FAM135A;FAM135A	4.53E-05	0.356534	0.825386	-1.21155	0.000394515	0.319113	-3.13368	0.00664947	0.490311	-2.03952	0.959173	0.989694	-1.01041	0.071163	0.665052	-1.50364
cg05511689	FAM135A;FAM135A;FAM135A;FAM135A	0.01661	0.788105	0.970988	-1.02988	0.129797	0.83623	-1.19584	0.0550293	1.2684	1.2684	0.256791	1.13809	1.13809	0.764147	0.967649	-1.03343
cg09981184	FAM135A;FAM135A;FAM135A;FAM135A	0.0191496	0.352341	1.55827	1.55827	0.779754	0.878158	-1.13875	0.282595	0.596022	-1.67779	0.252509	1.74014	1.74014	0.818089	1.11269	1.11269
cg06087255	FAM135B	3.76E-06	0.105226	0.813104	-1.22986	0.848917	1.02254	1.02254	2.03E-05	0.365372	-2.73694	0.0249674	0.732127	-1.36588	6.13E-08	0.116407	-8.59051
cg06383163	FAM135B	0.00341575	0.901607	1.02634	1.02634	0.450675	1.17534	1.17534	0.000762505	2.9215	2.9215	0.614855	1.11254	1.11254	0.930244	1.01857	1.01857
cg06276653	FAM135B	0.00653788	0.0571412	0.70902	-1.4104	0.627723	1.08121	1.08121	0.000201322	0.369104	-2.70927	0.638351	0.927149	-1.07858	0.132662	0.771633	-1.29595
cg12066770	FAM135B	0.0155308	0.986271	0.997202	-1.00281	0.00545794	1.81348	1.81348	0.0434337	1.45971	1.45971	0.320286	0.845988	-1.18205	0.588152	1.09313	1.09313
cg17323336	FAM135B	0.0194794	0.160152	1.59227	1.59227	0.699804	0.886832	-1.12761	0.62368	0.857882	-1.16566	0.596642	1.18006	1.18006	0.000814454	0.209154	-4.78117
cg23434592	FAM135B	0.0316018	0.117176	0.606834	-1.6479	0.0752711	0.559174	-1.78835	0.00900301	0.377308	-2.65036	0.00193829	0.276073	-3.62223	0.362295	0.759708	-1.31629
cg20499219	FAM135B	0.0361673	0.804614	0.962507	-1.03895	0.423503	0.881586	-1.13432	0.0222665	0.655479	-1.5256	0.586536	1.08835	1.08835	0.58789	0.919105	-1.08801
cg15642035	FAM135B	0.0361863	0.515849	0.865849	-1.15494	0.866592	1.03744	1.03744	0.144767	0.710039	-1.40837	0.305122	0.792807	-1.26134	0.00268688	0.403731	-2.4769
cg14163408	FAM136A	6.25E-05	0.636579	0.970464	-1.03043	0.00163447	0.641189	-1.5596	0.00137409	0.62798	-1.59241	?	?	?	0.917247	0.993525	-1.00652
cg25715816	FAM136A	0.00019901	0.00392319	0.511496	-1.95505	0.00133749	2.23733	2.23733	0.112724	0.742156	-1.34742	0.0112885	1.72992	1.72992	0.0205668	0.617657	-1.61902
cg17332638	FAM136A	0.00531939	0.329337	1.42911	1.42911	0.0465736	2.24421	2.24421	0.22583	0.636921	-1.57005	0.0236038	2.60823	2.60823	0.0277179	0.397346	-2.5167
cg10941484	FAM136A	0.0115367	0.0117342	0.703941	-1.42057	0.00569212	1.4984	1.4984	0.808906	0.973344	-1.02739	0.00416927	0.651716	-1.53441	0.938136	0.991382	-1.00869
cg11808874	FAM136A	0.0116549	0.624211	1.22554	1.22554	0.912555	0.955758	-1.04629	0.747102	0.875224	-1.14256	0.15566	1.86971	1.86971	0.265016	0.619709	-1.61366

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13600632	0.0954217	0.272132	-3.67469	0.0630208	0.226333	-4.41826	0.0211838	0.139638	-7.16139	0.0663841	0.231597	-4.31785	4.6158	36.8988	7.1058	1
cg21208062	0.227378	0.734571	-1.36134	0.0175986	2.01997	2.01997	0.89543	1.03253	1.03253	0.804524	0.941424	-1.06222	3.60109	3.37932	0.834147	1
cg13676763	0.968434	1.01428	1.01428	0.00520903	0.266898	-3.74675	0.685546	0.86429	-1.15702	0.234674	0.639987	-1.56253	3.39627	6.90482	1.80717	1
cg14515811	0.577475	1.15876	1.15876	0.416538	1.24285	1.24285	0.000650153	0.25435	-3.93159	0.290621	1.33262	1.33262	5.40903	5.873	0.965136	1
cg13995325	0.0585728	0.791146	-1.26399	0.0116348	0.707677	-1.41307	0.0403241	1.29653	1.29653	0.0739602	1.24402	1.24402	5.0408	0.959671	0.169227	1
cg24765394	0.740439	0.928992	-1.07644	0.00112629	0.345718	-2.89253	0.024371	0.551893	-1.81195	0.701087	1.08921	1.08921	4.77488	3.71207	0.691038	1
cg14155193	0.508294	1.2392	1.2392	0.0680471	1.92141	1.92141	0.653405	0.8655	-1.1554	0.0073525	0.331512	-3.01648	3.55617	5.75217	1.4378	1
cg07956515	0.887457	1.02509	1.02509	0.521547	0.892523	-1.12042	0.735346	1.06118	1.06118	0.682977	0.930655	-1.07451	13.2289	6.41766	0.431222	1
cg05129610	0.415656	1.07463	1.07463	0.000119415	1.78977	1.78977	0.00459499	1.38594	1.38594	0.0011648	0.661981	-1.51062	12.3013	1.45826	0.105374	1
cg24853040	0.303108	0.684606	-1.46069	0.00433844	0.258176	-3.87333	0.584015	0.821671	-1.21703	0.18114	0.603915	-1.65586	7.73249	15.4533	1.77643	1
cg12266024	0.000314773	0.321541	-3.11003	0.0403929	0.63124	-1.58418	0.693159	1.08011	1.08011	0.911024	0.978512	-1.02196	5.73494	3.43245	0.531595	1
cg09627607	0.57846	1.13911	1.13911	0.145126	1.43777	1.43777	0.0377039	1.74955	1.74955	0.184192	0.721159	-1.38666	5.17289	4.41193	0.758129	1
cg10311104	0.046307	1.38197	1.38197	0.0170974	0.662356	-1.50976	0.158257	1.23834	1.23834	0.797652	0.964243	-1.03708	4.44289	1.4133	0.282759	1
cg09006985	0.379164	0.883321	-1.13209	0.517123	1.09452	1.09452	0.564982	0.92312	-1.08328	0.250671	1.17946	1.17946	4.19986	1.25781	0.266213	1
cg27229764	0.984442	0.994922	-1.0051	0.0700046	0.589229	-1.69713	0.0809776	1.65732	1.65732	0.0691657	0.588074	-1.70047	4.14762	4.4782	0.959737	1
cg05748691	0.0218731	1.30131	1.30131	0.00935904	0.729411	-1.37097	0.0913339	1.19486	1.19486	0.827243	0.979292	-1.02115	4.50131	0.65349	0.129047	1
cg25058398	0.000489759	0.222451	-4.49538	0.00300563	0.326394	-3.06379	0.281127	0.734716	-1.36107	0.00493321	0.358884	-2.78641	7.66122	9.18881	1.06613	1
cg22645350	0.00169086	0.193578	-5.16588	0.0065223	0.274223	-3.64666	0.226994	0.628604	-1.59083	0.0368719	0.411755	-2.42863	6.80143	14.4311	1.88602	1
cg18951135	0.287262	0.723836	-1.38153	0.0760197	0.561297	-1.78159	0.00424696	3.0627	3.0627	0.373714	1.30615	1.30615	3.80822	5.1601	1.20444	1
cg11371162	0.0718456	1.48729	1.48729	0.00199939	0.422436	-2.36722	0.598943	0.90048	-1.11052	0.911648	0.978314	-1.02217	3.73323	2.30688	0.549273	1
cg14047656	0.0137859	0.731661	-1.36675	0.00923996	0.712425	-1.40366	0.567702	1.06107	1.06107	0.00432564	1.4791	1.4791	9.00268	1.50182	0.148284	1
cg26034150	0.582364	1.06427	1.06427	0.0742883	1.24988	1.24988	0.142825	1.1932	1.1932	0.0100966	1.43912	1.43912	3.99201	0.795245	0.177075	1
cg04494122	0.000193263	0.185142	-5.40125	0.899386	0.966573	-1.03458	0.221851	1.41214	1.41214	0.00192921	3.25311	3.25311	9.37745	10.7291	1.01702	1
cg18875207	0.000143725	0.12691	-7.87962	0.988854	0.995608	-1.00441	0.216832	1.50603	1.50603	0.326872	1.37567	1.37567	7.39888	11.6352	1.39784	1
cg19383853	0.366585	0.823599	-1.21418	0.0906847	1.47695	1.47695	0.250777	1.2854	1.2854	0.0248008	0.571765	-1.74897	11.7065	8.11616	0.616268	1
cg15136597	0.0412874	1.37731	1.37731	0.00126227	0.51359	-1.94708	0.00301921	0.565937	-1.76698	0.302607	0.866964	-1.15345	52.5989	14.4181	0.2132	1
cg21716299	0.847409	0.975052	-1.02559	0.103638	1.26289	1.26289	0.0930481	1.2742	1.2742	0.068455	1.30669	1.30669	4.17982	1.13851	0.242118	1
cg19982557	0.0320744	1.41231	1.41231	0.00441985	1.68593	1.68593	0.178156	1.21737	1.21737	0.0309131	1.41679	1.41679	3.47898	1.04145	0.266094	1
cg20230419	0.978241	0.987238	-1.01293	0.000791737	0.0918247	-10.8903	0.594727	1.28773	1.28773	0.394854	0.663376	-1.50744	3.68703	12.9519	3.12252	1
cg03989520	7.38E-06	0.183764	-5.44177	0.435925	1.1461	1.1461	0.601341	0.91353	-1.09465	0.101574	0.735272	-1.36004	12.7106	5.92497	0.414349	1
cg23825344	0.0199441	0.331706	-3.01472	0.00420625	0.221828	-4.50801	0.469051	0.748735	-1.33559	0.0238357	0.346668	-2.88461	7.75626	18.9563	2.17244	1
cg21279326	0.975135	0.995626	-1.00439	0.00856734	1.60268	1.60268	0.29876	0.859435	-1.16356	0.970096	0.994741	-1.00529	5.37402	1.68368	0.278489	1
cg24724857	0.311928	1.30968	1.30968	0.0315907	1.91564	1.91564	0.430733	1.23049	1.23049	0.416304	1.23894	1.23894	5.07001	5.34084	0.936371	1
cg11970163	0.734205	1.15667	1.15667	0.0124132	0.264762	-3.77698	0.577181	1.27191	1.27191	0.0388884	0.360177	-2.77642	4.82142	13.9264	2.5675	1
cg04870918	0.822797	1.02879	1.02879	0.0198731	1.42721	1.42721	0.647181	1.06004	1.06004	0.327281	0.879892	-1.1365	4.18809	1.06194	0.225388	1
cg14028892	0.0353808	0.706351	-1.41573	0.00605459	0.601288	-1.6631	0.0845901	1.31085	1.31085	0.046883	0.724103	-1.38102	3.64592	1.16266	0.28346	1
cg18166655	0.513259	0.899545	-1.11167	0.00734991	1.73616	1.73616	0.905749	1.01909	1.01909	0.387515	0.86812	-1.15191	3.44753	1.39207	0.358923	1
cg06740986	0.402122	0.840232	-1.19015	0.55249	0.885151	-1.12975	0.303069	1.2418	1.2418	0.520025	0.876004	-1.14155	3.42356	2.2346	0.580189	1
cg25149396	0.0687982	0.756513	-1.32185	0.000104372	0.390736	-2.55927	0.0883955	0.772929	-1.29378	0.977243	0.9961	-1.00392	6.43079	1.91179	0.264255	1
cg17739181	0.65021	0.935058	-1.06945	0.0187789	1.5201	1.5201	0.141508	0.792525	-1.26179	0.990698	1.00172	1.00172	5.08262	1.74143	0.304556	1
cg17320378	0.263513	0.626949	-1.59503	0.0163888	0.308787	-3.23848	0.0109448	0.278283	-3.59346	0.127883	0.517197	-1.9335	5.3889	13.6936	2.25874	1
cg10749626	0.248536	0.920879	-1.08592	9.03E-06	1.92876	1.92876	0.080749	1.1415	1.1415	0.0127747	1.23538	1.23538	16.4335	1.21537	0.065739	1
cg12847399	0.423637	1.24272	1.24272	0.000817195	0.26145	-3.82483	0.500169	1.19959	1.19959	0.206451	0.70164	-1.42523	8.99602	10.0739	0.995398	1
cg23982317	0.0847075	0.383187	-2.60969	0.0026355	0.123193	-8.11735	0.000585708	0.0690224	-14.4881	0.0132367	0.213378	-4.68652	7.54124	30.2287	3.56307	1
cg17785018	0.0263987	0.388416	-2.57456	0.00190313	0.205967	-4.85515	0.00357106	0.24224	-4.12814	0.0493531	0.446761	-2.23833	7.06128	14.4292	1.81638	1
cg04084436	0.0859186	0.721342	-1.3863	0.108086	1.35222	1.35222	0.0560663	0.689044	-1.45129	0.216175	0.799304	-1.25109	6.8354	3.20701	0.417046	1
cg08528778	0.134562	0.519857	-1.92361	0.00343812	0.199624	-5.00941	0.181417	0.562553	-1.77761	0.0406674	0.38354	-2.60729	4.87748	12.7011	2.31469	1
cg19835136	0.755746	1.17574	1.17574	0.000757841	14.1358	14.1358	0.0545038	3.10131	3.10131	0.782959	0.866524	-1.15404	4.87154	20.7685	3.78954	1
cg14041069	0.221846	0.453703	-2.20408	0.00987135	0.134397	-7.44062	0.151514	0.388341	-2.57505	0.0591255	0.269384	-3.71218	3.75393	22.5244	5.33354	1
cg14024889	0.022457	0.437955	-2.28334	0.203205	1.50018	1.50018	0.44172	0.789093	-1.26728	0.186152	0.654922	-1.5269	3.51981	5.08284	1.28362	1
cg09044738	0.0601247	0.619865	-1.61325	0.710736	0.919415	-1.08765	0.000143039	0.227975	-4.38645	0.145481	0.70291	-1.42266	15.4956	12.4834	0.7161	1
cg19906534	0.000376977	0.120603	-8.29165	0.299939	0.670443	-1.49155	0.0533519	0.441802	-2.26346	0.00278583	0.215574	-4.63878	13.8623	30.4145	1.95026	1
cg10239638	0.00485935	0.142353	-7.02479	0.609491	0.764178	-1.3086	0.000130462	0.0311751	-32.0768	0.0201517	0.231512	-4.31944	9.03938	39.0193	3.83697	1
cg03575556	0.450259	1.36855	1.36855	0.98645	1.00695	1.00695	0.0154554	0.297677	-3.35935	0.00476351	0.21686	-4.61126	6.68579	17.6131	2.3417	1
cg06298205	0.0693483	0.358924	-2.78611	0.483104	0.698048	-1.43257	0.00120875	0.0915955	-10.9176	0.117941	0.424764	-2.35425	4.91743	19.809	3.58073	1
cg15451892	0.00386833	0.531154	-1.88269	0.0469592	0.69092	-1.44735	0.219686	0.810713	-1.23348	0.459976	0.88487	-1.13011	4.7086	1.97138	0.372156	1
cg07150038	0.0974215	0.366362	-2.72954	0.0304658	0.245604	-4.07159	0.0075865	0.150191	-6.65819	0.0566117	0.30381	-3.29153	3.94646	19.0505	4.29087	1
cg23512360	0.369015	0.769372	-1.29976	0.0660108	0.556508	-1.79692	0.167946	0.658629	-1.51831	0.0166788	0.435836	-2.29444	3.4974	4.47293	1.13683	1
cg07010207	3.28E-05	0.142012	-7.04163	0.434416	0.824473	-1.2129	1.83E-06	0.0564392	-17.7182	0.00898624	0.44755	-2.23439	26.542	24.6183	0.824463	1
cg15842430	0.276073	0.727068	-1.37539	0.296649	1.35583	1.35583	4.03E-05	0.110179	-9.07618	0.18074	0.670446	-1.49155	9.83355	12.3258	1.11417	1
cg01724456	0.449322	0.584144	-1.71191	0.0281943	0.164117	-6.09322	0.00239083	0.052267	-19.1325	0.0246137	0.154664	-6.46563	4.53214	34.9037	6.84565	1
cg03396324	0.800582	0.950388	-1.0522	0.135135	1.38238	1.38238	0.0266512	1.6957	1.6957	0.182685	0.752544	-1.32883	12.7397	8.15506	0.569006	1
cg22921096	0.0713224	0.794023	-1.25941	0.036467	0.757004	-1.321	0.136077	0.832001	-1.20192	0.00967181	1.45484	1.45484	10.8989	2.26335	0.184594	1
cg25734279	0.306094	1.69616	1.69616	0.137052	0.449966	-2.22239	0.0316785	3.51113	3.51113	0.570906	0.751588	-1.33052	5.23594	20.6173	3.50013	1
cg11635053	0.8658	1.05898	1.05898	0.0149858	0.362988	-2.75491	0.277613	1.46604	1.46604	0.904369	0.960093	-1.04157	4.89334	8.89752	1.61626	1
cg27205938	0.413352	0.901111	-1.10974	0.0429056	0.748172	-1.33659	0.299407	1.14329	1.14329	0.17055	1.19927	1.19927	3.82634	0.939503	0.218254	1
cg03249020	0.137422	1.18576	1.18576	0.13449	1.18751	1.18751	0.777297	1.03066	1.03066	0.286269	1.12517	1.12517	5.23514	0.940374	0.159669	1
cg25946952	0.233252	0.81877	-1.22134	0.0163365	0.62521	-1.59946	0.289798	1.19217	1.19217	0.659668	0.931556	-1.07347	4.90117	1.98675	0.360321	1
cg25775832	0.661301	1.06836	1.06836	0.586645	0.920954	-1.08583	0.157967	1.25411	1.25411	0.538702	1.09786	1.09786	4.10587	1.46299	0.316727	1
cg14494933	0.100803	2.47203	2.47203	0.548513	0.736595	-1.3576	0.368717	1.59185	1.59185	0.432175	0.66787	-1.4973	3.60529	14.4787	3.56975	1
cg10798048	0.0447382	1.22376	1.22376	8.53E-06	0.42789	-2.33705	0.177315	0.881915	-1.1339	0.115854	0.860893	-1.16158	13.8808	1.68853	0.108129	1
cg20326928	0.134675	1.30712	1.30712	0.00350499	0.518073	-1.93023	0.0895131	0.732806	-1.36462	0.551309	1.10528	1.10528	5.99887	2.6199	0.388206	1
cg03466522	0.57781	0.839201	-1.19161	0.0166674	0.401988	-2.48764	0.00737909	0.340816	-2.93414	0.825729	1.07117	1.07117	4.84919	7.46572	1.36852	1
cg25851313	0.0552777	0.31992	-3.12578	0.771851	0.858558	-1.16474	0.038763	0.28499	-3.5089	0.774772	1.1624	1.1624	4.05062	17.6508	3.87338	1
cg22512888	0.456563	1.09255	1.09255	0.108742	1.22657	1.22657	0.0496362	0.769932	-1.29882	0.00857066	0.676061	-1.47916	11.8975	2.56801	0.191862	1
cg20747739	0.0568512	0.594103	-1.68321	0.0012955	0.322299	-3.10271	0.00527509	0.411231	-2.43172	0.121844	0.666883	-1.49951	10.3989	9.61263	0.821676	1
cg10208113	0.0869696	0.641754	-1.55823	0.66219	0.901982	-1.10867	0.061293	1.64016	1.64016	0.937681	0.981818	-1.01852	6.72137	5.86182	0.775215	1
cg19236794	0.476818	0.693669	-1.44161	0.00660744	0.168148	-5.94715	0.0231535	0.253394	-3.94642	0.825413	1.11818	1.11818	5.21324	21.1087	3.59916	1
cg06443533	0.352616	1.8916	1.8916	0.620738	0.717205	-1.3943	0.143039	0.350308	-2.85463	0.161187	2.71078	2.71078	4.86757	34.2372	6.25221	1
cg15582176	0.169342	0.596467	-1.67654	0.358204	0.71644	-1.39579	0.00748634	0.296681	-3.37062	0.183467	0.60769	-1.64558	3.88866	7.67156	1.7536	1
cg26214064	0.0274932	0.532924	-1.87644	0.796997	1.0642	1.0642	0.198978	1.38767	1.38767	0.119592	0.665195	-1.50332	4.00901	3.69966	0.820299	1
cg24381372	0.0586083	0.670547	-1.49132	0.837951	1.03905	1.03905	0.863309	0.968278	-1.03276	0.163775	1.32047	1.32047	10.2317	5.67103	0.492678	1
cg05245722	0.000922642	0.362116	-2.76154	0.415395	0.842942	-1.18632	0.0196058	0.560587	-1.78385	0.345351	1.22076	1.22076	6.70305	4.47199	0.593029	1
cg07907859	0.0526198	1.20921	1.20921	0.131506	0.869036	-1.1507	0.230312	1.11461	1.11461	0.207084	0.891625	-1.12155	5.70841	0.672021	0.104644	1
cg22189618	0.0682267	0.631475	-1.5836	0.266268	0.770445	-1.29795	2.81E-05	0.156359	-6.39554	0.000350507	3.64577	3.64577	24.1476	17.231	0.713569	1
cg02981877	0.0764941	0.764164	-1.30862	0.0410493	0.72484	-1.37961	0.00406505	0.590684	-1.69295	0.84885	1.02639	1.02639	9.05221	2.6712	0.262301	1
cg25708451	0.84447	1.03469	1.03469	0.0515149	0.680542	-1.46942	0.00443101	0.517179	-1.93357	0.326315	1.19239	1.19239	3.69045	1.76216	0.424436	1
cg04516975	0.11585	0.894443	-1.11801	2.09E-06	0.466787	-2.14231	0.00161521	1.34319	1.34319	0.00845696	1.24538	1.24538	29.971	2.02215	0.0599735	1
cg00773810	0.0980158	0.831411	-1.20277	0.00604373	1.44022	1.44022	0.255907	0.886348	-1.12822	0.223009	0.877873	-1.13912	11.5638	1.8952	0.145681	1
cg11837864	0.41779	0.906346	-1.10333	0.139348	0.827843	-1.20796	0.00439498	1.5709	1.5709	0.331869	1.12625	1.12625	10.9602	2.44819	0.198553	1
cg21020082	0.990972	1.0017	1.0017	0.378203	0.873354	-1.14501	0.000144493	0.375154	-2.66557	0.20126	1.22402	1.22402	30.4524	10.8189	0.315799	1
cg26157802	0.247898	0.796736	-1.25512	0.00227778	0.448099	-2.23165	0.796795	0.95262	-1.04974	0.597781	1.10534	1.10534	5.42245	3.03875	0.498135	1
cg23698501	0.24083	1.1788	1.1788	0.117522	0.796332	-1.25576	0.0814357	1.29529	1.29529	0.00270186	1.74232	1.74232	4.55498	1.29467	0.25265	1
cg00583303	0.665491	0.958697	-1.04308	0.00357938	0.682087	-1.46609	0.0083781	1.38628	1.38628	0.144636	1.16408	1.16408	8.64835	1.28793	0.132375	1
cg15529432	0.0674641	1.81678	1.81678	0.641813	0.872393	-1.14627	0.00239696	3.431	3.431	0.709125	0.896553	-1.11538	7.41499	9.97301	1.19554	1
cg26425555	0.106348	2.35104	2.35104	0.00542881	5.89188	5.89188	0.0142711	4.32763	4.32763	0.1438	2.1412	2.1412	3.88939	14.4758	3.30832	1
cg12344249	0.177929	0.75573	-1.32322	0.076094	0.679664	-1.47132	0.00399475	2.13178	2.13178	0.598628	0.901298	-1.10951	7.19721	4.363	0.538851	1
cg21132229	0.0161088	0.354955	-2.81726	0.00071369	0.163222	-6.12662	0.344012	1.40897	1.40897	0.0256284	0.393539	-2.54104	6.95956	13.6371	1.74176	1
cg12865436	0.81458	0.97477	-1.02588	0.614314	0.946231	-1.05682	0.971991	1.00383	1.00383	0.459885	1.08529	1.08529	12.3482	2.31376	0.166557	1
cg00491851	0.0740472	2.39629	2.39629	0.129102	0.486795	-2.05425	0.00050647	0.0920551	-10.8631	0.100733	0.454223	-2.20156	9.10569	27.7903	2.71287	1
cg17661955	0.112046	1.15439	1.15439	0.191578	1.12155	1.12155	0.0409931	1.21614	1.21614	0.140577	1.14057	1.14057	3.67461	0.400667	0.0969215	1
cg05401645	0.0166435	1.38743	1.38743	0.0558406	0.784564	-1.27459	0.0778949	0.80299	-1.24535	0.0645812	1.26175	1.26175	4.31086	0.856324	0.176572	1
cg08588455	0.705469	1.06258	1.06258	0.180873	0.796838	-1.25496	0.252413	1.21059	1.21059	0.0124132	1.6445	1.6445	4.13535	1.67359	0.359737	1
cg05295558	0.963377	0.992374	-1.00768	0.0957736	0.73709	-1.35669	0.540894	1.10872	1.10872	0.0357406	1.50296	1.50296	3.55449	1.56496	0.391357	1
cg20954110	0.56388	0.901787	-1.10891	0.0410296	1.5186	1.5186	0.0775335	0.706337	-1.41575	0.896021	1.02344	1.02344	28.6725	14.2575	0.442004	1
cg07544038	0.845525	1.08829	1.08829	0.000362667	0.0837884	-11.9348	0.335654	1.53824	1.53824	0.785372	1.1257	1.1257	12.3126	36.6882	2.64865	1
cg23194609	0.0290767	0.335391	-2.98159	0.910151	1.04911	1.04911	0.955003	0.97632	-1.02425	0.839086	0.917272	-1.09019	5.61754	16.0473	2.53924	1
cg10909502	0.0106284	0.690896	-1.4474	0.123319	1.21184	1.21184	0.0583177	1.27924	1.27924	0.133628	1.20469	1.20469	4.52354	0.949197	0.18652	1
cg03090436	0.393701	1.46623	1.46623	0.11914	0.476714	-2.0977	0.844429	0.917541	-1.08987	0.347049	0.654338	-1.52826	4.43218	13.4686	2.70117	1
cg24691657	0.568383	0.949845	-1.0528	0.0145774	0.76452	-1.30801	0.00333125	0.700025	-1.42852	0.807771	0.97848	-1.02199	4.19098	0.528712	0.112137	1
cg10169261	0.27225	1.41852	1.41852	0.537153	1.21067	1.21067	0.109214	0.586057	-1.70632	0.334975	1.35552	1.35552	3.88545	5.75951	1.31762	1
cg11917415	0.717324	0.906393	-1.10327	0.547017	1.17909	1.17909	0.0148607	0.444887	-2.24776	0.0794963	0.590864	-1.69244	7.41797	8.58506	1.02874	1
cg13698991	0.0476259	2.95055	2.95055	0.126834	2.20063	2.20063	0.121319	0.448289	-2.2307	0.5786	0.764913	-1.30734	3.91412	14.1429	3.21182	1
cg00656991	0.470705	1.16009	1.16009	1.16E-06	0.0780612	-12.8105	0.199422	1.3157	1.3157	0.000115062	0.254409	-3.93068	27.3297	17.7259	0.576528	1
cg05511689	0.0727867	0.803529	-1.24451	0.0179119	0.730197	-1.36949	0.0367868	1.30356	1.30356	0.00866318	1.44153	1.44153	5.00816	0.947358	0.168145	1
cg09981184	0.000624698	0.0873004	-11.4547	0.0221288	0.280396	-3.56639	0.775647	0.875963	-1.1416	0.279182	0.593657	-1.68447	4.77438	16.2426	3.02402	1
cg06087255	0.000888557	0.55882	-1.78949	0.164502	0.840846	-1.18928	0.00585428	1.52448	1.52448	0.00454258	0.642847	-1.55558	52.2488	11.3046	0.192321	1
cg06383163	0.49651	0.864913	-1.15619	0.000319363	0.293841	-3.4032	0.551576	1.13498	1.13498	0.300367	1.25306	1.25306	8.23359	5.76186	0.622043	1
cg06276653	0.28658	1.19341	1.19341	0.0699217	1.38238	1.38238	0.327769	1.17516	1.17516	0.734032	1.056	1.056	6.75718	2.73215	0.359408	1
cg12066770	0.0576273	1.41856	1.41856	0.00108251	2.19403	2.19403	0.801777	1.04182	1.04182	0.92715	1.015	1.015	5.12138	2.15133	0.373394	1
cg17323336	0.420391	1.29068	1.29068	0.310791	1.38413	1.38413	0.0385729	2.10176	2.10176	0.66517	0.873738	-1.14451	4.74685	7.2237	1.3527	1
cg23434592	0.95741	0.984448	-1.0158	0.712414	0.897031	-1.11479	0.774972	1.08776	1.08776	0.0745162	0.558142	-1.79166	4.0118	5.47323	1.2127	1
cg20499219	0.422502	1.13464	1.13464	0.00187821	1.97327	1.97327	0.868685	1.02584	1.02584	0.670406	0.936127	-1.06823	3.82139	1.43865	0.334642	1
cg15642035	0.0695173	1.55872	1.55872	0.166989	1.38004	1.38004	0.760553	1.06911	1.06911	0.1161	0.688407	-1.45263	3.82066	2.89248	0.672945	1
cg14163408	0.000899669	0.594636	-1.6817	3.70E-05	0.309329	-3.2328	?	?	?	1.58E-05	4.28174	4.28174	201.8	8.45039	0.0239286	1
cg25715816	0.0240569	0.628275	-1.59166	1.53E-05	0.213155	-4.69141	0.0222958	0.623109	-1.60486	0.117781	0.745743	-1.34094	18.3959	8.69108	0.419953	1
cg17332638	0.0722164	0.490843	-2.03731	0.000642742	0.156017	-6.40956	0.107174	0.535952	-1.86584	0.160913	0.587937	-1.70086	7.20092	14.3464	1.77093	1
cg10941484	0.306725	1.12524	1.12524	0.165781	0.848047	-1.17918	0.225364	0.867631	-1.15256	0.294631	1.12886	1.12886	5.64504	1.11174	0.175059	1
cg11808874	0.103143	0.479805	-2.08418	0.000286634	0.0872477	-11.4616	0.0901308	0.463303	-2.15842	0.0737495	0.439949	-2.27299	5.62645	15.1203	2.38877	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18220058	FAM136A	0.0277905	0.308375	0.726825	-1.37585	0.0871314	0.56458	-1.77123	0.0113853	0.383407	-2.6082	0.0545378	0.516812	-1.93494	0.0209717	0.431482	-2.31759
cg17511873	FAM136B	0.0157462	0.0152327	0.242972	-4.11569	0.0739055	0.388439	-2.57441	0.0583988	0.362322	-2.75997	0.0304733	0.299036	-3.34408	0.00643891	0.185981	-5.3769
cg03170665	FAM138B	0.0386052	0.0854986	0.760416	-1.31507	0.840353	0.971357	-1.02949	0.0287396	0.689572	-1.45018	0.0342526	0.700534	-1.42748	0.660554	0.938311	-1.06574
cg18231760	FAM138D	0.00425134	0.032656	0.665087	-1.50356	0.0470638	0.690206	-1.44884	0.00805999	0.574825	-1.73966	0.00824697	0.576248	-1.73536	0.000361875	0.393418	-2.54183
cg01944484	FAM138D	0.00608509	0.0200902	0.380761	-2.62632	0.980846	0.991769	-1.0083	0.00816581	0.311755	-3.20765	0.0183024	0.373105	-2.68021	0.000428816	0.146764	-6.81364
cg11244648	FAM138D	0.00930552	0.530664	1.22897	1.22897	0.0313001	2.27069	2.27069	0.462565	0.784468	-1.27475	0.95585	1.01813	1.01813	0.0384172	0.459016	-2.17857
cg22073750	FAM13A	0.00515212	0.342318	0.851311	-1.17466	0.0104832	0.588588	-1.69898	0.00125687	0.460737	-2.17044	0.288627	0.83423	-1.19871	0.00100445	0.447813	-2.23308
cg17769793	FAM13A	0.0205967	0.00303426	0.0948903	-10.5385	0.366625	0.584066	-1.71214	0.548695	0.703397	-1.42167	0.15149	0.410235	-2.43763	0.0103815	0.15391	-6.49732
cg04536922	FAM13A	0.0286	0.334062	0.561943	-1.77954	0.0197693	0.196265	-5.09516	0.872077	1.09771	1.09771	0.20886	0.464698	-2.15193	0.0284112	0.223924	-4.4658
cg23063879	FAM13A	0.0374086	0.659323	0.906683	-1.10292	0.0512971	0.612615	-1.63235	0.0266202	0.559792	-1.78638	0.0231574	1.8212	1.8212	0.285267	1.27772	1.27772
cg14786790	FAM13A	0.0389339	0.942903	1.02249	1.02249	0.00892046	0.355867	-2.81004	0.165028	0.631329	-1.58396	0.225286	0.673347	-1.48512	0.67321	1.1408	1.1408
cg25671242	FAM13A;FAM13A	0.00508286	0.0925092	1.24207	1.24207	0.166289	0.841284	-1.18866	0.00168634	0.591243	-1.69135	0.0622842	1.27854	1.27854	0.144132	1.20168	1.20168
cg07213482	FAM13A;FAM13A	0.0366683	0.656935	0.876357	-1.14109	0.00338436	0.308344	-3.24313	0.0156224	0.41678	-2.39935	0.0634925	0.540057	-1.85166	0.580615	0.848096	-1.17911
cg01957599	FAM13AOS	0.000451281	0.574877	1.11594	1.11594	0.0106312	0.536963	-1.86233	0.439049	0.85832	-1.16507	0.338515	1.21044	1.21044	9.97E-05	0.262779	-3.80547
cg01965425	FAM13AOS	0.00709047	0.0375121	0.592163	-1.68872	0.00962486	2.03695	2.03695	0.0806767	1.52282	1.52282	0.807764	0.948455	-1.05435	0.00267929	0.40614	-2.4622
cg09733706	FAM13AOS;FAM13A;FAM13A	0.00741157	0.187552	0.773216	-1.2933	0.00127165	2.3766	2.3766	0.107193	1.38239	1.38239	0.446043	1.15377	1.15377	0.00241714	0.45935	-2.17699
cg25665573	FAM13B;FAM13B;FAM13B	8.59E-05	0.00469786	0.720353	-1.38821	0.0200377	1.2776	1.2776	0.0651827	1.1981	1.1981	1.60E-06	2.871	2.871	0.257663	0.902015	-1.10863
cg01421867	FAM13B;FAM13B;FAM13B	0.00160038	0.74434	1.03712	1.03712	0.454863	0.918717	-1.08847	0.0074192	1.46829	1.46829	0.000144174	0.482262	-2.07356	0.067308	1.25652	1.25652
cg07167962	FAM13B;FAM13B;FAM13B	0.00763615	0.0135942	0.671744	-1.48866	0.908405	1.01511	1.01511	0.0170305	1.46098	1.46098	0.00931858	0.650632	-1.53697	0.302624	0.870098	-1.1493
cg18458116	FAM13B;FAM13B;FAM13B	0.0319251	0.143486	0.792675	-1.26155	0.162815	0.802357	-1.24633	0.0156727	0.645446	-1.54932	0.210456	0.8228	-1.21536	0.00447	0.570995	-1.75133
ch.5.2533205R	FAM13B;PKD2L2;FAM13B;FAM13B	0.000500972	?	?	?	0.000240484	0.117345	-8.52187	3.40E-05	0.05903	-16.9405	0.132619	1.77206	1.77206	0.506068	1.26857	1.26857
cg00690901	FAM13C;FAM13C;FAM13C;FAM13C	0.00474958	0.257502	0.729827	-1.37019	0.237736	1.39047	1.39047	0.166795	1.48123	1.48123	0.0355426	1.91981	1.91981	0.00896402	2.42514	2.42514
cg12575554	FAM13C;FAM13C;FAM13C;FAM13C	0.0220049	0.111761	1.95361	1.95361	0.0327061	0.380516	-2.62801	0.584983	0.807967	-1.23767	0.102419	1.99582	1.99582	0.865082	1.06796	1.06796
cg00502730	FAM13C;FAM13C;FAM13C;FAM13C	0.0229263	0.949219	1.01026	1.01026	0.594569	1.08992	1.08992	0.247472	0.823815	-1.21386	0.116409	1.31449	1.31449	0.0150956	0.619636	-1.61385
cg11326968	FAM13C;FAM13C;FAM13C;FAM13C;FAM13C	0.00772422	0.0287142	2.61762	2.61762	0.125779	0.539102	-1.85494	0.404855	0.727705	-1.37418	0.00108892	0.16569	-6.03538	?	?	?
cg11208259	FAM13C;FAM13C;FAM13C;FAM13C;FAM13C	0.0318947	0.614009	1.04498	1.04498	0.21608	0.893476	-1.11922	0.0731109	1.18879	1.18879	0.561655	1.05208	1.05208	0.138636	0.87116	-1.14789
cg22639768	FAM13C;FAM13C;FAM13C;FAM13C;FAM13C	0.0416189	0.00432945	0.494582	-2.02191	0.518105	0.886066	-1.12858	0.190285	0.774078	-1.29186	0.744043	1.06235	1.06235	0.0323623	1.58815	1.58815
cg05911003	FAM149A	0.00114885	0.0592113	0.750573	-1.33232	0.0019477	1.80441	1.80441	0.000192407	2.3299	2.3299	0.498654	1.09694	1.09694	0.0565354	0.747673	-1.33748
cg20168751	FAM149A	0.00667357	0.0387947	3.95847	3.95847	0.612149	1.32198	1.32198	0.872795	1.09116	1.09116	0.128011	2.51318	2.51318	0.67423	0.794068	-1.25934
cg10032668	FAM149A	0.00672979	0.185023	0.848926	-1.17796	0.068991	1.26756	1.26756	0.000704828	1.82506	1.82506	0.0026498	1.6234	1.6234	0.729394	1.04129	1.04129
cg13136036	FAM149A	0.0201842	0.705793	1.16419	1.16419	0.333228	1.49198	1.49198	0.321387	1.50782	1.50782	0.144884	0.533858	-1.87316	0.000800416	0.131473	-7.60611
cg24201017	FAM149A	0.0475476	0.607334	0.94433	-1.05895	0.277613	1.13289	1.13289	0.0145776	1.39439	1.39439	0.466689	0.92141	-1.08529	0.219862	1.15322	1.15322
cg25074170	FAM149A;FAM149A	0.00713608	0.0746684	1.49853	1.49853	0.00316186	0.439764	-2.27395	0.00121464	0.381072	-2.62418	0.694021	1.08388	1.08388	0.186482	0.751795	-1.33015
cg02875015	FAM149A;FAM149A	0.00747432	0.0223297	0.540768	-1.84922	0.889272	1.03177	1.03177	0.364827	0.811326	-1.23255	0.187755	1.36814	1.36814	0.000397318	0.281952	-3.5467
cg05598954	FAM149A;FAM149A	0.0141831	0.242241	0.848251	-1.1789	0.05629	0.747773	-1.3373	0.248161	0.850151	-1.17626	0.982006	0.996972	-1.00304	0.123864	1.25119	1.25119
cg10408467	FAM149A;FAM149A	0.0316921	0.662147	0.923764	-1.08253	0.000898843	0.408062	-2.45061	0.166254	0.766257	-1.30505	0.922185	0.982533	-1.01778	0.107117	1.37331	1.37331
cg14477780	FAM149A;FAM149A	0.0477421	0.0378272	0.533061	-1.87596	0.0305674	0.514896	-1.94214	0.0165393	0.465415	-2.14862	0.337848	0.772519	-1.29447	0.0138556	0.451855	-2.2131
cg15429502	FAM149A;FAM149A;FAM149A	0.0300388	0.226363	0.756382	-1.32208	0.897376	1.02877	1.02877	0.0139042	0.512769	-1.9502	0.490726	1.16633	1.16633	0.0108184	0.494822	-2.02093
cg16007245	FAM149B1	0.00353563	0.988106	1.00355	1.00355	0.00100037	0.313388	-3.19093	0.0178074	0.504515	-1.9821	0.192325	0.720568	-1.38779	0.027817	0.539318	-1.85419
cg21416602	FAM149B1;ECD;ECD;ECD;ECD;ECD;ECD;ECD	0.00178584	0.695834	0.974037	-1.02666	0.481736	1.04904	1.04904	0.00121301	1.37323	1.37323	0.0226644	0.83303	-1.20044	0.0484069	0.859853	-1.16299
cg04167018	FAM149B1;ECD;ECD;ECD;ECD;ECD;ECD;ECD	0.005857	0.309433	1.18857	1.18857	0.190727	1.25553	1.25553	0.743555	0.947512	-1.0554	0.0506818	1.44153	1.44153	0.261828	0.825165	-1.21188
cg08879241	FAM149B1;ECD;ECD;ECD;ECD;FAM149B1	0.0420961	0.488011	1.14735	1.14735	0.0422891	0.633583	-1.57832	0.674415	0.920872	-1.08593	0.520879	1.13537	1.13537	0.0046995	2.08134	2.08134
cg10094616	FAM150A	1.96E-05	0.298336	0.847788	-1.17954	0.0250474	1.50428	1.50428	0.00115688	2.07747	2.07747	0.141406	0.784875	-1.27409	0.151459	0.790239	-1.26544
cg07076175	FAM150A	0.000249776	0.0289427	1.14167	1.14167	0.43605	1.04173	1.04173	0.63196	0.975477	-1.02514	0.0617999	1.1143	1.1143	0.532678	0.968009	-1.03305
cg13451025	FAM150A	0.002248	0.109279	1.63682	1.63682	0.178348	0.667962	-1.49709	0.397883	0.783282	-1.27668	6.26E-05	0.124854	-8.00936	0.0500587	0.532326	-1.87855
cg02490516	FAM150A	0.0096942	0.215694	0.676808	-1.47752	0.772138	1.09088	1.09088	0.886295	0.958042	-1.0438	0.533389	0.827799	-1.20802	0.262676	0.704786	-1.41887
cg26373716	FAM150A	0.0201645	0.41784	0.718785	-1.39124	0.161157	0.55054	-1.8164	0.00580472	0.236676	-4.22518	0.500889	0.761493	-1.31321	0.0215188	0.332466	-3.00783
cg07055311	FAM150A	0.0285246	0.00607326	0.264619	-3.77902	0.522095	0.786039	-1.2722	0.00888729	0.290698	-3.44	0.0253255	0.372845	-2.68208	0.0352215	0.402462	-2.48471
cg16198103	FAM150A	0.048179	0.574383	1.29077	1.29077	0.354456	1.53495	1.53495	0.0735859	0.407699	-2.45279	0.212366	0.553866	-1.80549	0.593601	1.27414	1.27414
cg10809485	FAM150A	0.0483224	0.352991	1.45146	1.45146	0.619227	1.21567	1.21567	0.00739311	0.260436	-3.83971	0.24433	0.621997	-1.60773	0.441617	0.736475	-1.35782
cg09442654	FAM150A;FAM150A	0.000297006	0.992118	0.997066	-1.00294	0.305234	0.72921	-1.37135	0.120104	0.605593	-1.65127	0.549693	0.835235	-1.19727	0.825198	1.06801	1.06801
cg08856347	FAM150B	7.14E-06	0.0289598	0.622121	-1.6074	0.193706	0.776086	-1.28852	0.869378	1.0308	1.0308	0.502995	0.882235	-1.13348	0.347318	0.836628	-1.19527
cg09985832	FAM150B	7.41E-06	0.881195	0.976954	-1.02359	0.681912	0.937774	-1.06636	0.0016844	2.01348	2.01348	0.0652459	0.724218	-1.3808	0.930698	1.01365	1.01365
cg07800384	FAM150B	1.27E-05	0.0214954	0.659417	-1.51649	0.989079	0.997939	-1.00207	0.468636	1.11758	1.11758	0.039119	0.697706	-1.43327	0.471686	0.895493	-1.1167
cg18642499	FAM150B	2.90E-05	0.000316586	0.204886	-4.88077	0.0515489	0.547603	-1.82614	0.368469	0.778012	-1.28533	0.989086	1.00372	1.00372	0.272577	0.73322	-1.36385
cg02736505	FAM150B	8.71E-05	0.00492088	0.61936	-1.61457	0.663241	0.945217	-1.05796	0.575428	1.07548	1.07548	0.0163406	0.685581	-1.45862	0.0900797	0.786452	-1.27153
cg17109036	FAM150B	0.000272324	0.504781	0.84257	-1.18685	0.036064	1.85348	1.85348	0.710586	0.909977	-1.09893	0.988277	1.00373	1.00373	0.963627	0.988525	-1.01161
cg05738152	FAM150B	0.000566764	0.0205917	0.680122	-1.47033	0.656057	1.06392	1.06392	0.663795	1.06232	1.06232	0.640762	0.937108	-1.06711	0.0284749	0.699528	-1.42953
cg25710298	FAM150B	0.0015132	0.00152392	0.364996	-2.73976	0.0311666	1.74801	1.74801	0.00581315	0.450362	-2.22044	0.0270908	0.561124	-1.78214	0.12262	0.691127	-1.44691
cg25565683	FAM150B	0.00339454	0.182777	0.67467	-1.48221	0.0586558	0.551818	-1.81219	0.0014982	0.279719	-3.57502	0.0364688	0.508285	-1.9674	0.000554858	0.22503	-4.44386
cg18208842	FAM150B	0.00446759	0.0419753	0.333697	-2.99673	0.00330612	6.51275	6.51275	0.911691	0.949374	-1.05333	0.108722	0.440764	-2.26879	0.0158051	0.250415	-3.99338
cg06905130	FAM150B	0.0280689	0.0199185	0.263515	-3.79485	0.166448	2.01426	2.01426	0.487322	0.715387	-1.39785	0.0328989	0.305963	-3.26837	0.0743797	0.389245	-2.56908
cg13507506	FAM150B	0.047983	0.470665	1.13514	1.13514	0.320016	1.19421	1.19421	0.590704	1.09832	1.09832	0.0838365	0.718596	-1.3916	0.0156137	1.66873	1.66873
cg08677375	FAM150B;FAM150B	0.0177219	0.361077	1.15426	1.15426	0.973279	1.00513	1.00513	0.786144	1.04243	1.04243	0.845102	1.03034	1.03034	0.650622	1.07215	1.07215
cg26413355	FAM151B	1.66E-05	0.299136	0.906927	-1.10262	8.61E-05	1.89634	1.89634	1.70E-06	0.33667	-2.97027	0.0074916	0.731608	-1.36685	0.00274278	1.4554	1.4554
cg02458910	FAM151B	0.00265982	0.00120033	1.94702	1.94702	0.0355635	0.709232	-1.40998	0.021423	0.678333	-1.4742	0.553171	1.08789	1.08789	0.481202	1.10576	1.10576
cg14699895	FAM151B	0.00302793	0.456422	0.894269	-1.11823	0.31659	1.16479	1.16479	0.118185	0.77885	-1.28394	0.715251	1.05546	1.05546	0.0595985	1.36783	1.36783
cg06506598	FAM151B;FAM151B	0.015341	0.263146	1.14129	1.14129	0.100779	1.22585	1.22585	0.495819	1.0815	1.0815	0.709239	1.04335	1.04335	0.403826	0.907758	-1.10161
cg24668618	FAM153A	1.10E-05	0.406664	0.897792	-1.11384	2.11E-05	0.336809	-2.96904	0.248266	0.857871	-1.16568	1.01E-05	0.300621	-3.32645	0.251384	0.858811	-1.1644
cg06965744	FAM153A	0.00259775	0.385289	0.723117	-1.3829	0.00196296	0.203148	-4.92252	0.000716081	0.153211	-6.52696	0.922173	0.965035	-1.03623	0.049742	0.442545	-2.25966
cg19956449	FAM153B	5.28E-05	0.675285	0.873365	-1.145	0.0480969	0.483808	-2.06694	0.000566932	0.179709	-5.56454	0.00273972	0.264793	-3.77653	0.000149139	0.123167	-8.11903
cg08252384	FAM153B	0.0170334	0.454648	0.697524	-1.43364	0.577514	0.766322	-1.30493	0.0074679	0.19609	-5.09969	0.863757	1.08462	1.08462	0.261182	0.574508	-1.74062
cg21983520	FAM153B	0.0448031	0.77632	0.795676	-1.25679	0.0769355	4.84641	4.84641	0.135987	3.62961	3.62961	0.392897	0.495454	-2.01835	0.150856	0.290741	-3.43948
cg03598122	FAM153C	0.00710326	0.273016	0.638159	-1.56701	0.768552	0.890312	-1.1232	0.00392156	0.216879	-4.61086	0.18538	0.57525	-1.73838	0.012414	0.293702	-3.40482
cg03428951	FAM153C	0.0252879	0.272675	1.74093	1.74093	0.000964051	10.8774	10.8774	0.0799372	2.56905	2.56905	0.28655	1.71159	1.71159	0.628893	1.26679	1.26679
cg19538917	FAM153C;FAM153C	0.00734812	0.0301242	0.436848	-2.28912	0.00353848	0.276949	-3.61077	0.00298039	0.266278	-3.75547	0.189181	0.636546	-1.57098	0.00340766	0.274583	-3.64188
cg18043195	FAM154A	0.00147981	0.00434289	2.16203	2.16203	0.00110366	2.64594	2.64594	0.357981	0.825937	-1.21075	0.00966157	1.93961	1.93961	0.000920385	2.72276	2.72276
cg22937320	FAM154A	0.00383765	0.0808333	1.63154	1.63154	0.000101265	5.70761	5.70761	0.111769	1.54948	1.54948	0.042802	1.80317	1.80317	0.731387	0.916558	-1.09104
cg13709720	FAM154A	0.028595	0.184237	0.784122	-1.27531	0.2355	1.23944	1.23944	0.197875	0.790582	-1.26489	0.776517	0.95205	-1.05036	0.382388	1.16727	1.16727
cg13885977	FAM154A	0.0334887	0.33188	0.677774	-1.47542	0.126488	0.526108	-1.90075	?	?	?	0.726989	1.14589	1.14589	0.01751	0.325159	-3.07541
cg17168519	FAM154B	0.035055	0.104551	0.380812	-2.62597	0.164924	0.446585	-2.23921	0.0569626	0.309698	-3.22895	0.0679317	0.328719	-3.04211	0.00813167	0.158245	-6.31933
cg03127818	FAM155A	6.65E-05	0.215237	0.784914	-1.27403	0.000214266	3.15046	3.15046	0.0172734	1.71334	1.71334	0.681219	1.0797	1.0797	1.11E-06	10.5261	10.5261
cg03176971	FAM155A	0.000286473	0.00020298	0.43788	-2.28373	0.147574	0.813872	-1.2287	3.98E-05	0.353093	-2.83211	0.000471948	0.482847	-2.07105	0.000437747	0.478816	-2.08848
cg13582072	FAM155A	0.000472427	0.0226152	1.59171	1.59171	0.00173504	0.467377	-2.1396	0.219715	0.802729	-1.24575	0.0178376	1.63288	1.63288	0.00155795	2.16905	2.16905
cg02891359	FAM155A	0.00103594	0.0226211	0.292678	-3.41673	0.000231336	0.0638618	-15.6588	0.00483724	0.185966	-5.37734	0.0464905	0.358302	-2.79094	0.000469187	0.0841946	-11.8772
cg11542543	FAM155A	0.00110822	0.456091	0.836141	-1.19597	5.75E-05	0.172207	-5.80697	0.00108313	0.320666	-3.11851	0.827779	1.05271	1.05271	0.802382	1.0609	1.0609
cg22253329	FAM155A	0.00149788	0.0232002	0.364168	-2.74598	0.000888151	0.156708	-6.3813	0.00560022	0.258212	-3.87279	0.0103145	0.300288	-3.33013	0.00322797	0.224102	-4.46226
cg25108085	FAM155A	0.00321186	0.00287353	0.439458	-2.27553	0.795515	1.05345	1.05345	0.136303	0.724812	-1.37967	0.0521929	0.642227	-1.55708	0.00105491	0.378549	-2.64167
cg06303171	FAM155A	0.00695947	0.751126	1.05709	1.05709	0.00197597	0.466391	-2.14412	0.387435	0.856777	-1.16716	0.0795118	0.712045	-1.40441	0.902575	1.0216	1.0216
cg15669183	FAM155A	0.00775084	0.00602013	0.558067	-1.7919	0.103921	0.74902	-1.33508	0.00186862	2.04856	2.04856	0.536912	0.903368	-1.10697	0.254866	0.824301	-1.21315
cg07223990	FAM155A	0.0104903	0.0995725	0.497226	-2.01116	0.00544116	0.242779	-4.11897	0.0330372	0.381033	-2.62444	0.395957	1.40004	1.40004	0.0400616	0.399142	-2.50537
cg05905988	FAM155A	0.0119358	0.391529	1.08916	1.08916	0.0211297	0.763571	-1.30964	0.396646	1.08811	1.08811	0.316672	1.10596	1.10596	0.113151	1.18263	1.18263
cg22512830	FAM155A	0.015727	0.0401925	0.324179	-3.08471	0.0892684	0.410505	-2.43602	0.0332589	0.30653	-3.26232	0.617574	1.27022	1.27022	0.00115971	0.103596	-9.65284
cg23511851	FAM155A	0.019703	0.190456	0.71953	-1.3898	0.0102015	0.463479	-2.1576	0.0371413	0.563006	-1.77618	0.603491	0.883028	-1.13247	0.993213	1.00202	1.00202
cg25401621	FAM155A	0.0200465	0.0103052	0.560627	-1.78372	0.0212792	1.64144	1.64144	0.00733779	0.538627	-1.85657	0.323078	0.833	-1.20048	0.56713	1.10911	1.10911
cg03141482	FAM155A	0.0243973	0.565394	0.954811	-1.04733	0.269844	1.09574	1.09574	0.0157459	1.26552	1.26552	0.547456	0.952712	-1.04963	0.310425	1.0871	1.0871
cg13398192	FAM155A	0.0275477	0.0524337	0.703693	-1.42107	0.942959	1.01147	1.01147	0.567597	1.09642	1.09642	0.531323	0.903905	-1.10631	0.0055104	0.559161	-1.78839
cg07190602	FAM155A	0.0289488	0.893945	0.976746	-1.02381	0.0659496	1.43895	1.43895	0.405732	1.1619	1.1619	0.731772	0.94111	-1.06257	0.00146698	0.444791	-2.24825
cg18588768	FAM155A	0.0294458	0.200804	0.833073	-1.20037	0.515286	1.09327	1.09327	0.491114	1.09914	1.09914	0.297917	1.15702	1.15702	0.473938	1.10345	1.10345
cg10630457	FAM155A	0.043466	0.711181	0.904136	-1.10603	0.00700871	0.38877	-2.57222	0.16178	0.667097	-1.49903	0.0962338	1.64037	1.64037	0.209691	0.698911	-1.4308
cg04607400	FAM155A;FAM155A	0.00168883	0.164066	0.843954	-1.1849	0.00240899	0.616948	-1.62088	0.000212633	2.02798	2.02798	0.890356	1.01588	1.01588	0.37836	1.10879	1.10879
cg19839798	FAM155A;FAM155A	0.0239445	0.379351	1.30478	1.30478	0.209815	0.67714	-1.4768	0.000519731	0.202586	-4.93618	0.304736	1.36824	1.36824	0.599511	0.855301	-1.16918
cg25588559	FAM155B	0.00036173	0.987467	1.00392	1.00392	2.35E-05	0.122114	-8.18906	0.0005665	0.264404	-3.78209	0.584861	0.871626	-1.14728	9.92E-05	0.178934	-5.58865
cg27329507	FAM155B	0.0163741	0.865456	0.941867	-1.06172	0.0592439	0.471352	-2.12156	0.0789402	0.502086	-1.99169	0.0153758	0.349771	-2.85902	0.0022957	0.221982	-4.50487
cg22650104	FAM155B	0.0264722	0.0335189	0.418704	-2.38832	0.449771	0.763405	-1.30992	0.0821646	0.50913	-1.96414	0.162435	0.592872	-1.6867	0.00186449	0.212838	-4.69841
cg24626756	FAM155B	0.0469851	0.0303403	0.331374	-3.01774	0.0652094	0.40734	-2.45495	0.347782	1.52108	1.52108	0.0182351	3.46733	3.46733	0.0490801	2.65042	2.65042
cg25572189	FAM157A	0.00438547	0.000816695	0.342115	-2.92299	0.161891	0.727959	-1.3737	0.954805	1.01212	1.01212	0.00378307	0.435807	-2.29459	0.00989365	0.500151	-1.99939
cg00803910	FAM157A	0.02591	0.107907	0.511727	-1.95417	0.526451	1.27778	1.27778	0.00503503	0.242476	-4.12412	0.0932503	0.49403	-2.02417	0.0118131	0.300987	-3.3224
cg14598452	FAM157B	0.0116192	0.434548	0.896335	-1.11565	0.107912	1.27224	1.27224	0.127722	1.25363	1.25363	0.0404046	1.38396	1.38396	0.0282061	1.42716	1.42716
cg04824555	FAM157B	0.0171112	0.690002	1.14956	1.14956	0.523538	1.252	1.252	0.1248	0.561208	-1.78187	0.145594	0.580881	-1.72152	0.000662904	0.163288	-6.12414
cg23867978	FAM157B	0.032032	0.901396	0.959921	-1.04175	0.450083	0.775712	-1.28914	0.00169377	0.227619	-4.39331	0.188958	0.631744	-1.58292	0.0716597	0.514931	-1.94201
cg20933586	FAM158A	0.000360296	0.268366	0.854313	-1.17053	7.35E-06	0.259373	-3.85545	0.56359	1.08301	1.08301	0.379451	1.13105	1.13105	0.290183	0.860766	-1.16176
cg04742071	FAM158A	0.00456251	0.0093874	0.70751	-1.41341	0.023579	1.32847	1.32847	0.158684	1.17149	1.17149	0.133714	0.843731	-1.18521	0.0297204	0.764297	-1.30839
cg23058863	FAM158A	0.0120611	0.157105	1.11868	1.11868	0.224526	0.909772	-1.09918	0.0492418	0.846741	-1.181	0.369344	0.93395	-1.07072	0.672454	0.968973	-1.03202
cg26932226	FAM158A	0.030292	0.0120188	0.725144	-1.37904	0.0212189	1.32867	1.32867	0.819927	1.02367	1.02367	0.320961	1.11093	1.11093	0.640779	1.04939	1.04939
cg25953341	FAM158A	0.0320338	0.465575	0.916054	-1.09164	0.154333	0.835247	-1.19725	0.641375	0.946121	-1.05695	0.509194	1.08227	1.08227	0.192582	0.849736	-1.17684
cg04882349	FAM159A	0.0313062	0.336145	1.38022	1.38022	0.0473746	0.478492	-2.0899	0.00138764	0.221815	-4.50826	0.160082	1.62854	1.62854	0.362383	0.737719	-1.35553
cg18909711	FAM159B	0.00345785	0.684757	0.911453	-1.09715	0.0455628	0.594037	-1.6834	0.458444	0.842406	-1.18708	0.373493	1.23062	1.23062	0.0625397	0.621186	-1.60982
cg21179412	FAM159B	0.00418107	0.158856	0.812882	-1.23019	0.988797	0.99807	-1.00193	0.0813909	0.766635	-1.3044	0.686349	0.945683	-1.05744	0.000360348	0.45514	-2.19712
cg05636912	FAM159B	0.0423059	0.768484	0.931091	-1.07401	0.00885352	0.446664	-2.23882	0.172357	0.703746	-1.42097	0.156551	1.44277	1.44277	0.183126	0.710587	-1.40729
cg10981909	FAM159B;FAM159B	0.00281134	0.530961	1.08876	1.08876	0.000824904	0.509152	-1.96405	0.268717	1.1669	1.1669	0.999138	1.00014	1.00014	0.00251215	0.569876	-1.75477
cg18345406	FAM160A1	0.00010967	0.00212373	0.307959	-3.24719	0.0363673	1.94162	1.94162	0.891282	0.963389	-1.038	0.363647	1.28997	1.28997	7.38E-05	0.140156	-7.13492
cg19936912	FAM160A1	0.000590802	0.33338	0.788665	-1.26797	0.904031	0.971708	-1.02912	0.791088	0.938783	-1.06521	6.04E-05	5.83185	5.83185	0.53743	0.861929	-1.16019
cg08167110	FAM160A1	0.00196524	0.000426532	0.368211	-2.71583	0.391335	0.854439	-1.17036	0.0363786	0.646796	-1.54608	0.404546	0.858333	-1.16505	0.00208779	0.460369	-2.17217
cg20465933	FAM160A1	0.01144	0.0245969	1.60537	1.60537	0.3713	0.850171	-1.17623	0.0219514	0.615079	-1.62581	0.0388391	1.52644	1.52644	0.1224	0.743783	-1.34448
cg24023097	FAM160A1	0.0121304	0.00227182	0.560809	-1.78314	0.807896	1.03355	1.03355	0.0674813	1.31987	1.31987	0.341971	0.875778	-1.14184	0.0737457	0.763349	-1.31002
cg12346351	FAM160A1	0.0130386	0.920315	0.983501	-1.01678	0.443721	1.13864	1.13864	0.513893	1.11635	1.11635	0.263641	0.823868	-1.21379	0.777779	1.04817	1.04817
cg05949569	FAM160A1	0.0150222	0.085439	0.695264	-1.4383	0.0230316	0.594723	-1.68146	0.163514	0.752563	-1.32879	0.247684	1.25991	1.25991	0.397399	0.847342	-1.18016
cg24987775	FAM160A1	0.0154102	0.627181	0.929586	-1.07575	0.235757	1.20365	1.20365	0.535354	1.09817	1.09817	0.00031276	2.39141	2.39141	0.138914	1.26823	1.26823
cg22734236	FAM160A1	0.0154215	0.0060935	0.449044	-2.22695	0.0339878	1.7392	1.7392	0.860161	0.961337	-1.04022	0.0211296	0.537949	-1.85891	0.563804	0.877671	-1.13938
cg17217059	FAM160A1	0.0196451	0.0596434	3.38229	3.38229	0.0107623	6.27774	6.27774	0.15605	2.38692	2.38692	0.458079	1.54216	1.54216	0.0322544	4.21055	4.21055
cg05786548	FAM160A1	0.0241213	0.794104	0.959954	-1.04172	0.351706	0.860913	-1.16156	0.816335	1.03702	1.03702	0.156113	1.26756	1.26756	0.0527523	0.708892	-1.41065
cg24707982	FAM160A1	0.024311	0.149525	0.782258	-1.27835	0.021496	0.644748	-1.55099	0.229701	0.8185	-1.22175	0.677547	0.935709	-1.06871	0.224724	0.816561	-1.22465
cg04042828	FAM160A1	0.0255932	0.0887356	1.70052	1.70052	0.0453957	1.91361	1.91361	0.718643	0.902753	-1.10772	0.442955	0.801554	-1.24758	0.0258522	2.11318	2.11318
cg13945567	FAM160A1;FAM160A1	0.000907885	0.0498343	0.769024	-1.30035	9.29E-05	0.441	-2.26758	0.000240347	0.489935	-2.04109	0.00668246	0.661614	-1.51146	0.0212627	0.722499	-1.38409
cg24688942	FAM160A2;FAM160A2	7.91E-07	9.67E-05	0.603028	-1.6583	1.17E-07	0.290601	-3.44114	0.0078171	0.779544	-1.2828	1.26E-05	0.511448	-1.95523	5.68E-07	0.364696	-2.74201

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18220058	0.187389	0.655175	-1.52631	0.00474637	0.321443	-3.11097	0.259568	1.42751	1.42751	0.11234	0.592648	-1.68734	4.19887	6.09052	1.28935	1
cg17511873	0.0117489	0.224454	-4.45526	0.0107486	0.218385	-4.57907	0.0688208	0.380328	-2.62931	0.00535911	0.175356	-5.70268	5.09801	18.1948	3.17245	1
cg03170665	0.620659	1.07453	1.07453	0.015017	0.650025	-1.5384	0.00499727	0.585506	-1.70792	0.393196	0.881592	-1.13431	3.73148	1.22693	0.292271	1
cg18231760	0.0359685	0.671648	-1.48888	0.474339	0.888072	-1.12603	0.00122429	0.462248	-2.16334	0.156998	0.781193	-1.28009	7.70933	3.24974	0.374696	1
cg01944484	0.115452	0.554771	-1.80255	0.769193	0.903656	-1.10662	0.0173388	0.368721	-2.71208	0.00723379	0.303244	-3.29767	6.90905	12.9711	1.66881	1
cg11244648	0.0409483	2.15071	2.15071	0.00946379	2.90783	2.90783	0.0163824	0.385812	-2.59194	0.0118106	2.77483	2.77483	6.04789	10.0934	1.48348	1
cg22073750	0.0908917	1.35858	1.35858	0.650058	1.07804	1.07804	0.482463	1.12463	1.12463	0.802694	1.04205	1.04205	7.2717	3.11775	0.381112	1
cg17769793	0.175671	0.433931	-2.30451	0.00368802	0.102749	-9.73249	0.0940655	0.343928	-2.90758	0.0293446	0.22581	-4.42851	4.65774	24.7971	4.73231	1
cg04536922	0.0349629	0.241333	-4.14364	0.00339383	0.0998486	-10.0152	0.0333297	0.23721	-4.21568	0.0338565	0.238554	-4.19192	4.15658	22.031	4.71135	1
cg23063879	0.997141	1.00079	1.00079	0.0187178	1.87603	1.87603	0.719224	1.08298	1.08298	0.950239	0.986314	-1.01388	3.77471	2.9149	0.686416	1
cg14786790	0.189081	1.54043	1.54043	0.0186897	2.42332	2.42332	0.179865	1.55635	1.55635	0.290086	0.711072	-1.40633	3.7199	5.68178	1.35769	1
cg25671242	0.122146	1.21673	1.21673	0.00199035	0.59978	-1.66728	0.174845	0.844537	-1.18408	0.824963	1.02627	1.02627	7.30185	1.58545	0.193004	1
cg07213482	0.672956	1.13354	1.13354	0.37106	1.31151	1.31151	0.535971	0.831063	-1.20328	0.0408786	0.498158	-2.00739	3.80231	5.24962	1.22723	1
cg01957599	0.509504	1.13829	1.13829	0.0151132	1.78231	1.78231	0.000374392	3.00798	3.00798	0.00938461	1.89192	1.89192	14.7022	8.72552	0.527542	1
cg01965425	0.494815	0.860283	-1.16241	0.0862927	1.50895	1.50895	0.579233	1.1293	1.1293	0.0165582	0.529688	-1.88791	6.58867	4.91802	0.663499	1
cg09733706	0.328257	0.83042	-1.20421	0.729388	0.938051	-1.06604	0.267403	1.23709	1.23709	0.259464	0.805226	-1.24189	6.4981	3.48995	0.477398	1
cg25665573	0.570648	0.951198	-1.05131	0.111155	0.859414	-1.16358	0.149115	0.873661	-1.14461	0.57335	1.05093	1.05093	23.0556	2.78301	0.107296	1
cg01421867	0.0166478	1.38488	1.38488	0.339878	1.11577	1.11577	0.031789	1.3235	1.3235	0.0385004	1.30604	1.30604	10.2857	2.02056	0.174616	1
cg07167962	0.00724087	0.636654	-1.57071	0.0272712	0.711468	-1.40554	0.0816817	1.28587	1.28587	0.16478	0.824382	-1.21303	6.4376	1.73133	0.239058	1
cg18458116	0.0693963	0.740653	-1.35016	0.969608	1.00565	1.00565	0.0882272	0.757268	-1.32054	0.00697271	0.596992	-1.67506	3.99723	1.38296	0.307536	1
ch.5.2533205R	0.0225226	0.381589	-2.62062	0.915143	0.963117	-1.0383	0.802158	0.915287	-1.09255	0.980429	1.00869	1.00869	14.6312	25.606	1.7501	1
cg00690901	0.0114053	2.32563	2.32563	0.000276213	4.88819	4.88819	0.118945	1.56997	1.56997	0.00698162	2.53451	2.53451	7.45444	8.38676	1.00006	1
cg12575554	0.0236938	2.84111	2.84111	0.00268627	4.97346	4.97346	0.280452	1.5431	1.5431	0.839181	0.924438	-1.08174	4.55359	10.7821	2.10473	1
cg00502730	0.5635	1.09813	1.09813	0.00133009	0.473318	-2.11274	0.665518	1.0722	1.0722	0.966875	0.993366	-1.00668	4.48982	1.82678	0.361665	1
cg11326968	0.0428215	2.38561	2.38561	0.120305	0.533417	-1.87471	0.294954	0.666922	-1.49943	0.0570832	0.448038	-2.23195	6.54649	12.8188	1.95812	1
cg11208259	0.369537	1.083	1.083	0.303175	0.911853	-1.09667	0.00177905	1.46946	1.46946	0.217388	1.11883	1.11883	3.99859	0.474071	0.105386	1
cg22639768	0.442148	0.865294	-1.15568	0.190089	1.29202	1.29202	0.397757	1.17334	1.17334	0.318388	1.20973	1.20973	3.62956	1.95937	0.479853	1
cg05911003	0.00666282	0.622368	-1.60677	0.185247	0.827588	-1.20833	0.383633	0.886622	-1.12788	0.10638	1.26809	1.26809	11.3115	3.25054	0.255437	1
cg20168751	0.135846	0.406929	-2.45743	?	?	?	0.000324227	0.0215264	-46.4547	0.9842	1.01084	1.01084	9.47033	37.6158	2.97898	1
cg10032668	0.736539	0.96142	-1.04013	0.356478	0.895383	-1.11684	0.422088	0.908874	-1.10026	0.047073	1.30315	1.30315	6.69671	1.43984	0.191118	1
cg13136036	0.504635	0.762312	-1.3118	0.720204	0.865734	-1.15509	0.0159494	0.30638	-3.26392	0.430016	0.724042	-1.38114	4.68992	11.9353	2.26211	1
cg24201017	0.152763	0.844317	-1.18439	0.134069	0.836483	-1.19548	0.994472	1.00077	1.00077	0.0131656	1.4045	1.4045	3.4533	0.667883	0.171915	1
cg25074170	0.385559	1.19867	1.19867	0.156341	1.36191	1.36191	0.311287	1.23788	1.23788	0.103435	0.695718	-1.43736	6.5755	4.32164	0.584208	1
cg02875015	0.215451	0.746203	-1.34012	0.223516	0.750387	-1.33265	0.290821	0.78181	-1.27908	0.00337236	0.408473	-2.44814	6.48097	5.17523	0.709802	1
cg05598954	0.284128	1.1614	1.1614	0.000990456	1.93104	1.93104	0.301309	0.865879	-1.1549	0.0638801	1.32324	1.32324	5.27729	1.51134	0.254564	1
cg10408467	0.758993	0.94601	-1.05707	0.63826	0.91814	-1.08916	0.32366	0.832062	-1.20183	0.0973716	0.720294	-1.38832	4.00771	2.06471	0.457942	1
cg14477780	0.168054	0.681292	-1.4678	0.322408	1.30606	1.30606	0.270922	0.74125	-1.34907	0.678265	1.11513	1.11513	3.44798	3.72631	0.960643	1
cg15429502	0.354545	0.811113	-1.23287	0.0301026	0.570847	-1.75178	0.983207	1.00464	1.00464	0.00652474	0.459829	-2.17472	4.08496	3.12561	0.680134	1
cg16007245	0.228448	0.740681	-1.35011	0.00105275	3.16099	3.16099	0.486845	0.845543	-1.18267	0.339496	0.791526	-1.26338	8.14906	7.27875	0.793956	1
cg21416602	0.995208	0.999598	-1.0004	0.00747149	0.794055	-1.25936	0.0157013	1.21927	1.21927	0.00159999	1.3541	1.3541	9.96457	0.707481	0.0631108	1
cg04167018	0.0317153	0.661286	-1.5122	0.000356411	0.390121	-2.56331	0.0566653	1.42521	1.42521	0.636498	1.08132	1.08132	6.99099	2.98664	0.379745	1
cg08879241	0.823555	0.957364	-1.04453	0.0407763	0.630792	-1.58531	0.366341	1.1985	1.1985	0.518019	1.13639	1.13639	3.61426	2.17896	0.535892	1
cg10094616	0.738673	1.05262	1.05262	?	?	?	5.63E-07	8.33599	8.33599	0.000149136	2.71312	2.71312	34.9577	11.5464	0.330298	1
cg07076175	0.385547	1.04683	1.04683	0.0011747	0.782713	-1.27761	7.23E-06	1.66451	1.66451	0.0240319	1.14854	1.14854	17.2942	0.725069	0.0372672	1
cg13451025	0.530877	0.835995	-1.19618	0.352964	0.763605	-1.30958	0.0191193	2.22607	2.22607	0.609957	1.15625	1.15625	9.31823	11.7517	1.12102	1
cg02490516	0.477997	0.805643	-1.24124	0.226628	0.683644	-1.46275	0.000193749	6.54859	6.54859	0.529817	0.826398	-1.21007	5.96955	8.48536	1.2635	1
cg26373716	0.374127	0.694999	-1.43885	0.0010019	0.142537	-7.01572	0.904808	1.04887	1.04887	0.719492	0.866033	-1.15469	4.69148	11.8186	2.23926	1
cg07055311	0.239895	0.63341	-1.57876	0.0357945	0.403965	-2.47546	0.34672	0.697986	-1.43269	0.0165184	0.337311	-2.96463	4.16046	9.07303	1.93847	1
cg16198103	0.0647246	0.393297	-2.54261	0.00600608	0.198908	-5.02744	0.101168	2.24207	2.24207	0.939869	0.966635	-1.03452	3.43613	11.0105	2.8483	1
cg10809485	0.968207	0.984583	-1.01566	0.0111073	0.289048	-3.45963	0.163457	1.78568	1.78568	0.683748	1.17311	1.17311	3.43227	8.26124	2.13949	1
cg09442654	0.590059	0.850627	-1.1756	0.0455238	0.505533	-1.97811	3.73E-06	24.9441	24.9441	0.702017	1.12114	1.12114	16.4954	23.1145	1.24558	1
cg08856347	0.656782	0.920869	-1.08593	0.362915	0.841671	-1.18811	6.72E-08	28.5682	28.5682	0.317167	0.826458	-1.20998	44.2741	23.8254	0.47834	1
cg09985832	0.734868	0.948387	-1.05442	0.808137	0.962782	-1.03866	6.78E-08	16.9793	16.9793	0.0439495	1.43467	1.43467	43.8474	16.8785	0.342166	1
cg07800384	0.241618	0.831276	-1.20297	0.75654	0.954195	-1.048	1.29E-07	12.4653	12.4653	0.922606	1.01476	1.01476	38.1549	13.7362	0.320009	1
cg18642499	0.0336746	0.50961	-1.96229	0.000296649	0.201743	-4.9568	1.56E-06	27.0053	27.0053	0.0123445	0.428882	-2.33165	30.7279	35.9358	1.03954	1
cg02736505	0.000178888	0.442159	-2.26163	0.338893	0.880943	-1.13515	1.24E-05	3.26838	3.26838	0.00121253	1.83892	1.83892	22.976	6.01717	0.23279	1
cg17109036	0.384915	0.798144	-1.25291	0.756987	1.08173	1.08173	2.53E-06	17.8134	17.8134	0.220325	1.38563	1.38563	16.8912	17.1367	0.901805	1
cg05738152	3.38E-05	3.03565	3.03565	0.00365828	0.580859	-1.72159	0.704471	0.948693	-1.05408	0.0114416	1.54868	1.54868	13.8013	4.17589	0.268953	1
cg25710298	0.0957868	1.49781	1.49781	0.00179927	0.37511	-2.66589	0.000914604	0.334722	-2.98755	0.385785	0.821729	-1.21695	10.4532	8.07346	0.686529	1
cg25565683	0.360429	1.29915	1.29915	0.00180419	0.290719	-3.43975	0.499595	1.21017	1.21017	0.541022	0.84177	-1.18797	8.24893	10.1225	1.09079	1
cg18208842	0.0209758	3.67136	3.67136	0.0102884	0.219972	-4.54604	0.0153633	0.248301	-4.02737	0.749657	0.86078	-1.16174	7.59436	26.376	3.0872	1
cg06905130	0.836882	1.10279	1.10279	0.0084713	0.202868	-4.92933	0.0138309	0.236008	-4.23714	0.535668	0.742529	-1.34675	4.18416	14.9276	3.17124	1
cg13507506	0.10826	0.738863	-1.35343	0.487708	0.885344	-1.1295	0.0284579	1.56303	1.56303	0.198527	0.790809	-1.26453	3.44143	1.62611	0.420008	1
cg08677375	0.381574	1.14697	1.14697	0.108501	0.765279	-1.30671	0.0591347	0.722099	-1.38485	0.000476796	0.432575	-2.31174	4.9007	1.81218	0.328693	1
cg26413355	0.0867345	1.18738	1.18738	0.0155323	0.763808	-1.30923	0.969245	0.996506	-1.00351	0.000129613	0.546811	-1.82879	35.5706	4.64299	0.116026	1
cg02458910	0.0255352	1.45153	1.45153	0.00333489	1.75244	1.75244	0.359554	0.876097	-1.14143	0.0229837	0.682564	-1.46506	8.86857	2.76952	0.277586	1
cg14699895	0.180762	0.811092	-1.23291	0.00171366	0.517105	-1.93384	0.000256112	0.411873	-2.42793	0.156773	1.24999	1.24999	8.53463	2.93406	0.305585	1
cg06506598	0.964601	1.00504	1.00504	0.00064276	0.55244	-1.81015	0.322424	0.890656	-1.12277	0.0547407	1.27997	1.27997	5.14229	1.04528	0.180685	1
cg24668618	0.000156517	0.439608	-2.27476	1.91E-06	0.223147	-4.48134	1.18E-05	0.308093	-3.24577	0.986197	0.997805	-1.0022	39.5878	10.1148	0.227113	1
cg06965744	0.369379	0.714792	-1.39901	0.000263526	0.112637	-8.87811	0.0099966	0.305879	-3.26927	0.193718	0.606014	-1.65013	8.93056	18.7623	1.86748	1
cg19956449	0.00153461	0.231048	-4.32811	9.87E-07	0.0159725	-62.6078	0.015479	0.38498	-2.59754	0.0103272	0.354	-2.82486	26.2398	42.9254	1.45413	1
cg08252384	0.927259	1.04414	1.04414	0.000578964	0.0806318	-12.4021	0.503738	0.725475	-1.37841	0.0370078	0.318046	-3.1442	4.96622	17.5959	3.14944	1
cg21983520	0.735113	0.761489	-1.31322	0.00359406	0.0422728	-23.6558	0.38869	0.492208	-2.03166	0.12697	0.265947	-3.76015	3.53132	36.0085	9.06391	1
cg03598122	0.0519987	0.418775	-2.38791	0.000376438	0.106664	-9.3752	0.00974815	0.276091	-3.62199	0.325194	0.670324	-1.49182	6.58497	16.1672	2.18238	1
cg03428951	0.579583	1.31225	1.31225	0.046228	3.03139	3.03139	0.0094641	4.93712	4.93712	0.861576	1.08845	1.08845	4.3399	16.2088	3.31985	1
cg19538917	0.0203784	0.403398	-2.47894	0.00271254	0.26054	-3.83818	0.0599482	0.501966	-1.99216	0.0612168	0.504093	-1.98376	6.5156	10.8826	1.48466	1
cg18043195	0.00354327	2.22476	2.22476	0.93136	0.982723	-1.01758	0.000801417	2.78371	2.78371	0.026624	1.70156	1.70156	10.5205	6.81945	0.57618	1
cg22937320	0.0488177	1.76632	1.76632	0.043106	1.80116	1.80116	0.0163907	2.09965	2.09965	0.00634877	2.45558	2.45558	7.95106	8.05103	0.900064	1
cg13709720	0.00777178	1.80425	1.80425	0.00445157	1.92536	1.92536	0.361455	0.850467	-1.17583	0.997731	0.999509	-1.00049	4.15684	1.9626	0.419679	1
cg13885977	0.00556446	0.242941	-4.11623	0.914393	0.959083	-1.04266	0.0138292	0.306669	-3.26085	0.0857855	0.478209	-2.09114	3.99371	8.48676	2.12503	1
cg17168519	0.241458	0.513142	-1.94878	0.00384553	0.120059	-8.32924	0.0247909	0.23362	-4.28045	0.112215	0.390216	-2.56268	3.86493	18.125	4.16854	1
cg03127818	0.0130784	1.77088	1.77088	0.834075	0.961805	-1.03971	0.526759	0.887747	-1.12645	0.291468	1.22534	1.22534	24.6879	13.4769	0.485237	1
cg03176971	0.412154	0.89481	-1.11756	0.177422	0.826962	-1.20925	0.0959707	1.27422	1.27422	0.153934	0.816831	-1.22424	16.6591	4.63536	0.247332	1
cg13582072	0.165765	1.28618	1.28618	9.99E-05	0.308786	-3.23849	0.588679	1.09742	1.09742	0.151046	1.29952	1.29952	14.517	6.66564	0.408143	1
cg02891359	0.00291646	0.15866	-6.30277	0.000436586	0.0819304	-12.2055	0.910376	0.950579	-1.05199	0.200848	0.544377	-1.83696	11.6492	37.3803	2.85228	1
cg11542543	0.0627644	1.63826	1.63826	0.0280662	1.84349	1.84349	0.859561	0.959106	-1.04264	0.7108	0.915939	-1.09178	11.428	10.0602	0.782499	1
cg22253329	0.0106606	0.302701	-3.30359	0.000698955	0.145956	-6.85137	0.0366295	2.46921	2.46921	0.0763273	0.479996	-2.08335	10.4839	23.005	1.95051	1
cg25108085	0.00828833	1.9676	1.9676	0.138718	0.726458	-1.37654	0.0345239	1.63936	1.63936	0.601167	0.899647	-1.11155	8.38621	5.33998	0.566006	1
cg06303171	0.613047	1.09306	1.09306	0.00339127	2.00385	2.00385	0.0128408	1.71459	1.71459	0.342468	0.843107	-1.18609	6.6271	3.19564	0.428629	1
cg15669183	0.0478266	0.692288	-1.44449	0.884073	0.976566	-1.024	0.0972057	1.34426	1.34426	0.105376	1.33317	1.33317	6.40756	2.68079	0.371893	1
cg07223990	0.594943	0.812433	-1.23087	0.00373062	0.219568	-4.5544	0.0023776	0.194005	-5.15451	0.0706067	0.457442	-2.18607	5.82066	13.8128	2.1094	1
cg05905988	0.0892846	0.833361	-1.19996	0.00152693	0.641541	-1.55875	0.164041	1.15542	1.15542	0.120992	1.17773	1.17773	5.5832	0.836954	0.13325	1
cg22512830	0.525748	0.736747	-1.35732	0.0302712	0.298099	-3.35459	0.234922	1.80681	1.80681	0.0555894	0.356737	-2.80319	5.10008	18.2374	3.17857	1
cg23511851	0.00185828	0.35047	-2.85331	0.331445	1.26857	1.26857	0.424857	0.824087	-1.21346	0.0183474	0.506898	-1.97279	4.72852	4.22091	0.793467	1
cg25401621	0.125202	0.742964	-1.34596	0.0397824	0.653414	-1.53042	0.27875	0.81741	-1.22338	0.559574	0.899759	-1.11141	4.70085	2.38609	0.451189	1
cg03141482	0.00187495	0.704047	-1.42036	0.249427	0.908656	-1.10053	0.909479	0.99099	-1.00909	0.416244	1.06835	1.06835	4.39432	0.440698	0.0891449	1
cg13398192	0.0616098	0.715018	-1.39857	0.0496942	0.699967	-1.42864	0.0153332	0.622385	-1.60672	0.152977	1.27616	1.27616	4.21185	1.69343	0.35739	1
cg07190602	0.949533	0.988896	-1.01123	0.279523	1.21935	1.21935	0.91217	1.01965	1.01965	0.0590278	0.686545	-1.45657	4.13881	2.03976	0.438076	1
cg18588768	0.0245446	1.43625	1.43625	0.0178728	0.677673	-1.47564	0.55148	1.08485	1.08485	0.00597826	1.62533	1.62533	4.11395	1.19042	0.25721	1
cg10630457	0.429714	0.803788	-1.24411	0.0136511	0.437536	-2.28553	0.0739947	0.58301	-1.71524	0.999686	0.999893	-1.00011	3.57149	4.15294	1.0336	1
cg04607400	0.11392	1.21714	1.21714	0.00228559	1.62794	1.62794	0.392611	1.10524	1.10524	0.447535	1.09248	1.09248	10.1271	2.09393	0.183792	1
cg19839798	0.843808	0.943471	-1.05992	0.305297	0.731152	-1.3677	0.934962	0.976212	-1.02437	0.334959	1.34086	1.34086	4.42294	6.09548	1.22502	1
cg25588559	0.734153	1.0886	1.0886	0.220877	0.725767	-1.37785	0.208801	0.718933	-1.39095	0.232244	0.731969	-1.36618	15.627	15.3521	0.873251	1
cg27329507	0.0291413	2.47932	2.47932	0.83728	1.07533	1.07533	0.685117	1.15486	1.15486	0.925167	0.967365	-1.03374	5.03211	9.94077	1.75597	1
cg22650104	0.0127122	0.337762	-2.96067	0.0330552	0.417432	-2.3956	0.736744	1.12555	1.12555	0.538357	0.80382	-1.24406	4.27111	8.31172	1.72981	1
cg24626756	0.410856	0.694293	-1.44031	0.742013	1.1541	1.1541	0.589347	0.789436	-1.26673	0.542666	1.30651	1.30651	3.46883	10.3415	2.65002	1
cg25572189	0.0924756	0.674607	-1.48235	0.00157822	0.381114	-2.62389	0.0428903	0.609336	-1.64113	0.0068422	0.474906	-2.10568	7.63718	5.46626	0.636215	1
cg00803910	0.0110988	0.296376	-3.3741	0.147325	0.552201	-1.81094	0.0264305	0.36597	-2.73246	0.213632	0.606453	-1.64893	4.30328	9.94098	2.05341	1
cg14598452	0.0135091	1.52143	1.52143	0.000462668	2.13023	2.13023	0.711968	1.05222	1.05222	0.154975	1.23234	1.23234	5.63204	1.68053	0.265234	1
cg04824555	0.511145	0.793196	-1.26072	0.0225357	0.386824	-2.58516	0.0399352	0.438003	-2.28309	0.0728953	0.49883	-2.00469	4.95865	9.49123	1.7014	1
cg23867978	0.512549	0.803178	-1.24505	0.0142117	0.368546	-2.71337	0.0227619	0.406764	-2.45843	0.187764	0.630866	-1.58512	3.99245	6.88607	1.53313	1
cg20933586	0.31179	1.15363	1.15363	0.562792	1.08319	1.08319	0.405454	1.12328	1.12328	0.000840862	0.503603	-1.98569	15.6441	4.62192	0.262615	1
cg04742071	0.219272	0.873086	-1.14536	0.00181064	0.627519	-1.59358	0.0189132	1.34803	1.34803	0.652404	1.04879	1.04879	7.54606	1.31902	0.155374	1
cg23058863	0.000848298	1.45024	1.45024	0.24276	1.09483	1.09483	0.782539	0.979702	-1.02072	0.0244908	1.21972	1.21972	5.56431	0.484111	0.0773359	1
cg26932226	0.189396	0.867084	-1.15329	0.306412	0.897059	-1.11475	0.0963211	1.20602	1.20602	0.0312831	1.29591	1.29591	4.07279	0.678894	0.148169	1
cg25953341	0.0485803	0.766433	-1.30475	0.00611097	1.52582	1.52582	0.0875928	1.24938	1.24938	0.0841727	1.25307	1.25307	3.99237	0.88148	0.196259	1
cg04882349	0.970523	1.01208	1.01208	0.834341	1.07042	1.07042	0.39503	1.32717	1.32717	0.892643	1.04485	1.04485	4.02529	6.73077	1.48633	1
cg18909711	0.837072	1.04788	1.04788	5.07E-05	0.178187	-5.61207	0.408167	1.21189	1.21189	0.317292	0.79071	-1.26469	8.20349	6.70407	0.726419	1
cg21179412	0.0332186	0.710034	-1.40838	0.0583731	1.34212	1.34212	0.339229	1.14512	1.14512	0.00236875	0.558123	-1.79172	7.74828	2.32244	0.266432	1
cg05636912	0.7395	1.08406	1.08406	0.0291182	1.86262	1.86262	0.546656	0.862819	-1.15899	0.0735523	0.617203	-1.62021	3.6076	3.34292	0.823674	1
cg10981909	0.0306222	1.40543	1.40543	0.257938	1.17138	1.17138	0.00554458	0.613661	-1.62956	0.0369622	0.722792	-1.38352	8.72453	2.48087	0.252761	1
cg18345406	0.0510361	0.54547	-1.83328	5.84E-06	0.062117	-16.0986	0.029237	0.496275	-2.01501	0.00931949	0.406749	-2.45852	21.6002	25.4469	1.04719	1
cg19936912	0.322148	0.783993	-1.27552	0.715163	0.916488	-1.09112	6.54E-05	5.7177	5.7177	0.329779	1.27036	1.27036	13.6425	12.2327	0.797032	1
cg08167110	0.00342552	0.49055	-2.03853	0.000296993	0.348209	-2.87184	0.488589	0.881598	-1.1343	0.029292	0.631338	-1.58394	9.69126	4.92421	0.451652	1
cg20465933	0.27415	0.817747	-1.22287	0.0358273	1.54005	1.54005	0.00891804	1.80094	1.80094	0.131854	1.3332	1.3332	5.66043	2.80282	0.440143	1
cg24023097	0.0993303	0.78291	-1.27729	0.0955637	1.28151	1.28151	0.00673445	0.621288	-1.60956	0.446025	0.900116	-1.11097	5.55398	1.6143	0.258361	1
cg12346351	0.934813	1.01369	1.01369	0.0002287	0.361351	-2.76739	0.0531534	0.693988	-1.44095	0.773444	0.953143	-1.04916	5.42489	2.37516	0.389179	1
cg05949569	0.00100293	0.393121	-2.54375	0.128851	1.36854	1.36854	0.222262	0.78254	-1.27789	0.403908	1.17736	1.17736	5.17816	2.99699	0.514467	1
cg24987775	0.0440874	1.4121	1.4121	0.0703807	1.35217	1.35217	0.134655	1.27203	1.27203	0.880198	0.977752	-1.02275	5.13463	1.80975	0.313297	1
cg22734236	0.316011	1.26088	1.26088	0.669895	0.908566	-1.10064	0.0566729	1.61993	1.61993	0.0235931	0.546365	-1.83028	5.13338	4.06511	0.703909	1
cg17217059	0.0206131	4.94569	4.94569	0.00215824	11.8107	11.8107	0.0130185	5.84979	5.84979	0.0865264	2.96083	2.96083	4.73325	24.6384	4.62702	1
cg05786548	0.949187	0.990091	-1.01001	0.00159495	0.492708	-2.0296	0.0826552	1.35032	1.35032	0.218288	1.22428	1.22428	4.41169	1.70606	0.343746	1
cg24707982	0.0760216	0.730696	-1.36856	0.00923847	1.69055	1.69055	0.445855	0.88383	-1.13144	0.0112546	0.603752	-1.65631	4.39973	1.75974	0.355525	1
cg04042828	0.0307746	2.04905	2.04905	0.0136751	2.36868	2.36868	0.00514445	2.84319	2.84319	0.602102	1.16039	1.16039	4.3218	5.47336	1.12574	1
cg13945567	0.144238	0.83181	-1.2022	0.53844	0.929487	-1.07586	0.167937	1.1883	1.1883	0.0047183	0.643558	-1.55386	12.0929	2.63962	0.194026	1
cg24688942	0.000299243	0.651061	-1.53595	1.32E-06	0.404828	-2.47019	0.0023699	1.36234	1.36234	0.329802	0.929267	-1.07612	77.8551	6.56111	0.0749097	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01123541	FAM160A2;FAM160A2	0.000677811	0.00587197	0.556818	-1.79592	0.000232655	0.370944	-2.69582	0.0604634	1.41029	1.41029	0.00936359	0.585596	-1.70766	0.00811298	0.57669	-1.73403	0.000160922	0.351129	-2.84796	0.0459634	0.689732	-1.44984	0.628718	1.08234	1.08234	0.283307	1.19845	1.19845	13.1289	5.48366	0.371271	1
cg12479696	FAM160A2;FAM160A2	0.00733735	0.435426	0.799855	-1.25023	0.507772	0.828137	-1.20753	0.0671612	0.562258	-1.77854	0.954063	0.983963	-1.0163	0.00236824	0.304297	-3.28626	0.00233451	0.303412	-3.29584	0.00248654	0.307316	-3.25398	0.500343	1.21166	1.21166	0.0130374	0.421282	-2.37371	6.51859	8.13153	1.10883	1
cg27462051	FAM160A2;FAM160A2	0.00862733	0.915461	1.01797	1.01797	0.484796	1.12647	1.12647	0.000438854	0.393888	-2.5388	0.975752	0.994914	-1.00511	0.0143592	0.602717	-1.65915	0.00803583	0.565712	-1.76768	0.61053	1.08999	1.08999	0.117486	0.751853	-1.33005	0.109329	0.746108	-1.34029	6.19483	2.76099	0.396172	1
cg19070899	FAM160A2;FAM160A2	0.0138729	0.458324	1.31745	1.31745	0.147135	1.76468	1.76468	0.299634	1.48058	1.48058	0.426321	1.34521	1.34521	0.474292	0.766701	-1.30429	0.212602	1.6149	1.6149	0.153832	0.572684	-1.74616	0.000350771	8.14485	8.14485	0.0482234	2.28	2.28	5.31579	11.2211	1.87635	1
cg01450600	FAM160B1	0.00408052	0.009404	2.2478	2.2478	0.000393206	4.01176	4.01176	0.0102528	2.21677	2.21677	0.0119896	2.16204	2.16204	0.854141	1.04631	1.04631	0.0383206	1.80488	1.80488	0.0174893	2.03713	2.03713	0.00187361	2.95938	2.95938	0.0983071	1.56212	1.56212	7.80544	7.48155	0.852004	1
cg07733920	FAM160B1	0.00605245	0.37284	0.805753	-1.24107	0.252688	0.754237	-1.32584	0.27808	0.766238	-1.30508	0.466352	0.839464	-1.19124	0.00010078	0.196456	-5.0902	0.56072	1.14898	1.14898	0.528566	1.16268	1.16268	0.871139	0.962401	-1.03907	0.0129672	0.48289	-2.07087	6.92053	6.10829	0.784563	1
cg25233709	FAM160B1	0.0095406	0.0792992	0.63242	-1.58123	0.294219	0.774219	-1.29162	0.585005	1.1385	1.1385	0.147666	0.693928	-1.44107	0.0101278	0.466259	-2.14473	0.171256	0.709891	-1.40867	0.000861726	3.24396	3.24396	0.636341	1.11855	1.11855	0.313514	0.782554	-1.27787	6.00003	5.25755	0.778892	1
cg08188268	FAM160B1	0.0157032	0.934033	0.980536	-1.01985	0.8884	1.0339	1.0339	0.804243	1.06074	1.06074	0.800531	1.06196	1.06196	0.00115347	0.321767	-3.10784	0.00834741	0.449173	-2.22632	0.0277451	0.539168	-1.85471	0.385232	1.23537	1.23537	0.370417	1.24407	1.24407	5.10265	4.55613	0.793684	1
cg05388821	FAM160B1	0.0281927	0.586721	0.816511	-1.22472	0.598731	1.21667	1.21667	0.460937	1.31946	1.31946	0.556608	0.802843	-1.24557	0.00795028	0.284563	-3.51416	0.00636132	0.269362	-3.71247	0.340104	1.43779	1.43779	0.0396663	2.40746	2.40746	0.824039	1.08573	1.08573	4.17767	9.02499	1.92026	1
cg15493035	FAM160B1	0.0289241	0.647364	1.33305	1.33305	0.133246	0.363863	-2.74829	0.34522	0.545089	-1.83456	0.19303	0.423236	-2.36275	0.405618	0.587971	-1.70076	0.058952	0.264153	-3.78568	0.000929546	0.0457051	-21.8794	0.0240183	0.186317	-5.36719	0.130264	0.360577	-2.77333	4.14007	25.5458	5.48479	1
cg25645310	FAM160B1;FAM160B1	9.87E-06	8.65E-05	0.271288	-3.68611	0.000351144	2.89737	2.89737	0.0231528	0.604816	-1.6534	0.0015297	0.429677	-2.32733	1.64E-05	0.193569	-5.16613	0.0063108	0.5175	-1.93237	1.13E-06	0.0960977	-10.4061	0.00120547	0.415541	-2.4065	0.000323815	0.340684	-2.93527	40.7093	22.1138	0.482857	1
cg08206898	FAM160B1;FAM160B1	0.00186488	0.00105212	0.198637	-5.03432	0.0105832	2.92182	2.92182	0.880903	1.05127	1.05127	0.0571994	0.487976	-2.04928	0.628352	0.84988	-1.17664	0.00114444	0.20299	-4.92636	0.000950581	0.193464	-5.16892	0.43952	0.768811	-1.30071	0.0888466	0.534798	-1.86987	9.84013	17.3314	1.5656	1
cg00177239	FAM160B1;FAM160B1	0.00958887	0.0244237	0.292985	-3.41315	0.0902208	0.425368	-2.35091	0.97582	0.98622	-1.01397	0.555748	1.31366	1.31366	0.0016199	0.126371	-7.9132	0.264726	0.587333	-1.70261	0.000842087	0.100378	-9.96233	0.806624	0.893795	-1.11882	0.119293	0.461199	-2.16826	5.99039	19.8851	2.95067	1
cg07216976	FAM160B1;FAM160B1	0.0105381	0.0323943	0.305251	-3.276	0.0080021	5.00293	5.00293	0.961716	1.023	1.023	0.319981	1.62714	1.62714	0.0357206	0.314182	-3.18287	0.206702	0.532126	-1.87925	0.00253848	0.137444	-7.27571	0.214899	0.538774	-1.85607	0.121224	0.451145	-2.21658	5.81216	20.6576	3.15929	1
cg22647566	FAM160B1;FAM160B1	0.0179898	0.249081	1.34988	1.34988	0.319629	0.774049	-1.29191	0.00637268	0.413054	-2.42099	0.129072	1.50448	1.50448	0.295624	0.763311	-1.31008	0.918776	0.974917	-1.02573	0.00400515	2.61978	2.61978	0.770874	1.07543	1.07543	0.0852829	1.60605	1.60605	4.87605	4.78944	0.873101	1
cg25209674	FAM160B1;FAM160B1	0.0476902	0.943501	1.02331	1.02331	0.00198458	4.13711	4.13711	0.937968	1.02563	1.02563	0.101673	1.79054	1.79054	0.326952	0.71965	-1.38956	0.449171	1.28495	1.28495	0.34413	0.728477	-1.37273	0.365216	0.739003	-1.35317	0.319609	0.715801	-1.39704	3.4494	5.77357	1.48782	1
cg11282402	FAM160B2	0.00429735	0.36878	0.812235	-1.23117	0.000587899	0.302258	-3.30843	0.0340711	0.572786	-1.74585	0.753253	1.07363	1.07363	0.740795	0.927939	-1.07766	0.625315	1.11726	1.11726	0.218693	0.747174	-1.33838	0.00176161	2.72882	2.72882	0.0696685	0.633133	-1.57945	7.68427	6.17706	0.71454	1
cg25407543	FAM160B2	0.0339091	0.00357675	0.44266	-2.25907	0.0795992	0.669104	-1.49454	0.583539	0.891955	-1.12113	0.0834493	1.48544	1.48544	0.800251	1.05376	1.05376	0.844418	1.04141	1.04141	0.0184578	0.554179	-1.80447	0.779874	1.05957	1.05957	0.23525	0.773436	-1.29293	3.91161	2.64229	0.600442	1
cg17758805	FAM160B2	0.0486295	0.816495	0.943388	-1.06001	0.177892	1.43181	1.43181	0.0185223	0.488698	-2.04626	0.429583	1.22404	1.22404	0.00740974	0.421107	-2.37469	0.839596	0.950458	-1.05212	0.047543	0.566546	-1.76508	0.586826	1.14748	1.14748	0.568822	0.865559	-1.15532	3.42405	3.40861	0.884881	1
cg20576064	FAM160B2	0.0494327	0.892985	1.03289	1.03289	0.438958	0.827118	-1.20902	0.685498	0.906744	-1.10285	0.610933	0.883941	-1.1313	0.741695	1.08278	1.08278	0.00456598	0.40328	-2.47967	0.079733	1.59611	1.59611	0.0967586	1.55017	1.55017	0.0751869	0.62102	-1.61025	3.40285	3.11585	0.81392	1
cg16910805	FAM161A	0.000366856	0.631849	1.11197	1.11197	0.0646015	1.57838	1.57838	0.581876	1.13006	1.13006	5.14E-06	0.102426	-9.76318	0.126859	0.695562	-1.43769	0.0633077	0.63181	-1.58276	0.288461	0.784833	-1.27416	0.0882177	1.51227	1.51227	0.21244	0.749204	-1.33475	15.5666	11.9176	0.680518	1
cg08963122	FAM161A	0.00169482	0.344267	1.09674	1.09674	0.011504	1.34934	1.34934	0.000309046	1.74187	1.74187	0.0181797	1.31235	1.31235	0.920563	1.0095	1.0095	0.00780425	1.38225	1.38225	0.021375	0.769423	-1.29967	0.142417	1.1612	1.1612	0.000961554	1.59367	1.59367	10.1167	1.43947	0.126477	1
cg23176483	FAM161A	0.00949626	0.000481114	0.399285	-2.50448	0.393562	1.15778	1.15778	0.442641	1.14022	1.14022	0.294914	1.19973	1.19973	0.223603	0.807073	-1.23905	0.0128558	0.595796	-1.67843	0.101035	0.740046	-1.35127	0.314971	1.19027	1.19027	0.47819	1.12848	1.12848	6.00895	2.67431	0.395604	1
cg06523404	FAM161A	0.0185506	0.241971	0.892634	-1.12028	0.017449	1.30784	1.30784	0.182554	1.14019	1.14019	0.240628	1.12068	1.12068	0.0316027	0.791568	-1.26332	0.959554	1.00471	1.00471	0.0120957	0.748151	-1.33663	0.296335	0.904454	-1.10564	0.0351419	1.25559	1.25559	4.82591	0.657399	0.121087	1
cg15981295	FAM161A	0.0274775	0.549785	0.935588	-1.06885	0.189474	1.16523	1.16523	0.00384898	1.53501	1.53501	0.512759	0.929566	-1.07577	0.104091	1.21594	1.21594	0.00928142	0.695458	-1.4379	0.618445	0.946254	-1.0568	0.988914	1.00153	1.00153	0.661135	1.04973	1.04973	4.21564	0.808223	0.170418	1
cg20913491	FAM161A;FAM161A	0.00599445	0.00961531	0.67956	-1.47154	0.883949	0.982934	-1.01736	0.00204402	1.66904	1.66904	0.176642	0.844272	-1.18445	0.719776	0.95843	-1.04337	0.658084	0.948862	-1.05389	0.00220608	0.603091	-1.65813	0.0358255	0.749892	-1.33353	0.997579	0.999642	-1.00036	6.94114	1.52697	0.195545	1
cg25026957	FAM161B;COQ6;COQ6	0.0170529	0.488686	0.85413	-1.17078	0.00587796	0.445735	-2.24349	0.360519	0.810008	-1.23456	0.00772779	0.464403	-2.1533	0.117499	1.46388	1.46388	0.00733416	0.460802	-2.17013	0.388956	1.21885	1.21885	0.0769124	0.643435	-1.55416	0.492195	0.85525	-1.16925	4.96432	3.95045	0.70735	1
cg19496328	FAM161B;COQ6;COQ6;COQ6;FAM161B	0.00259939	0.0114134	1.37594	1.37594	0.00142146	0.627935	-1.59252	0.0150839	0.740045	-1.35127	0.0546975	0.802786	-1.24566	0.0373091	0.783785	-1.27586	0.0034802	1.49136	1.49136	0.625171	1.05088	1.05088	0.563429	1.06064	1.06064	0.140238	0.852194	-1.17344	8.92891	1.43677	0.143033	1
cg16509192	FAM162A	0.00109212	0.337559	0.813424	-1.22937	0.307564	0.80203	-1.24684	0.780732	1.06002	1.06002	0.680042	0.917029	-1.09048	0.00184211	0.39701	-2.51883	0.153181	0.72652	-1.37642	1.65E-05	0.157127	-6.36427	0.552294	1.13381	1.13381	0.408457	0.838121	-1.19315	11.4757	7.92908	0.614172	1
cg17324707	FAM162A;CCDC58	0.000445676	0.119101	1.13583	1.13583	0.000347735	1.54208	1.54208	0.00107178	1.43886	1.43886	0.0344341	0.83049	-1.20411	0.155059	1.1214	1.1214	0.000247991	1.57695	1.57695	0.00522961	0.757762	-1.31967	0.258424	0.915041	-1.09285	0.436014	0.94192	-1.06166	14.7531	1.32465	0.0798114	1
cg07704549	FAM162A;CCDC58	0.00139307	0.171879	2.12785	2.12785	0.34519	1.65665	1.65665	0.0860765	2.67721	2.67721	0.221851	1.94773	1.94773	3.58E-05	0.0159523	-62.687	0.339044	1.66806	1.66806	?	?	?	0.819312	0.887985	-1.12614	0.280527	1.79036	1.79036	10.9545	41.5753	3.79525	1
cg17133388	FAM162A;CCDC58	0.00194934	0.0117534	0.649294	-1.54013	0.0379614	0.718788	-1.39123	0.0006497	2.04949	2.04949	0.454233	0.900676	-1.11028	0.0428988	0.726322	-1.3768	0.062495	0.749993	-1.33335	0.00150882	0.534017	-1.8726	0.49297	0.908875	-1.10026	0.0896857	1.2927	1.2927	9.71421	2.89719	0.265104	1
cg13713052	FAM162A;CCDC58	0.0344766	0.241827	0.850795	-1.17537	0.735752	0.956306	-1.04569	0.962507	0.993819	-1.00622	0.0360501	0.724985	-1.37934	0.340219	1.13842	1.13842	0.938869	1.01017	1.01017	0.321093	0.87353	-1.14478	0.344207	1.13713	1.13713	0.00196266	1.78105	1.78105	3.88826	1.07132	0.244912	1
cg24120825	FAM162A;CCDC58	0.0380264	0.053568	1.94216	1.94216	0.720523	0.896931	-1.11491	0.353043	0.748751	-1.33556	0.0231381	0.43945	-2.27557	0.635851	1.15538	1.15538	0.00682183	0.346032	-2.88991	0.923872	0.971474	-1.02936	0.71864	0.896238	-1.11577	0.0349218	0.47507	-2.10495	3.75218	5.44843	1.29073	1
cg06505000	FAM162A;CCDC58	0.0437595	0.05968	0.450695	-2.2188	0.00137023	0.175231	-5.70675	0.985234	1.00696	1.00696	0.337646	1.44875	1.44875	0.820768	0.91842	-1.08883	0.747721	0.886011	-1.12865	0.750863	1.12688	1.12688	0.417609	1.36431	1.36431	0.592625	1.22451	1.22451	3.56254	7.93525	1.97992	1
cg03404102	FAM162A;CCDC58;FAM162A	0.0425783	0.105401	0.563784	-1.77373	0.383913	0.748851	-1.33538	0.0262564	0.425729	-2.34891	0.0124617	0.365229	-2.73801	0.166262	0.619911	-1.61313	0.149301	0.605986	-1.6502	0.0662295	1.94923	1.94923	0.940599	0.976147	-1.02444	0.215192	1.52595	1.52595	3.59901	5.98145	1.47731	1
cg08071609	FAM162B	3.61E-07	0.800159	1.0334	1.0334	0.00312314	0.592485	-1.68781	0.682459	1.05472	1.05472	0.248162	1.16924	1.16924	0.745948	1.043	1.043	0.181997	1.20138	1.20138	2.85E-09	33.6644	33.6644	0.252218	0.856496	-1.16755	0.785135	0.965225	-1.03603	95.0664	25.2555	0.236143	1
cg02026062	FAM162B	1.89E-05	0.46653	0.837091	-1.19461	0.795227	0.939491	-1.06441	0.828659	0.949315	-1.05339	0.818149	0.946228	-1.05683	0.509057	1.1744	1.1744	0.895672	0.969005	-1.03199	1.40E-07	53.2558	53.2558	0.895705	1.03198	1.03198	0.947425	1.01595	1.01595	34.3792	31.3597	0.810817	1
cg24805875	FAM162B	0.000760577	0.251901	0.913127	-1.09514	0.722985	0.973338	-1.02739	0.0198513	0.807739	-1.23802	0.0218641	0.811485	-1.23231	0.478867	0.946805	-1.05618	0.635594	1.03691	1.03691	1.26E-05	0.497711	-2.0092	0.0928244	1.15075	1.15075	0.274096	1.09025	1.09025	12.7114	1.16064	0.0811618	1
cg23367608	FAM162B	0.00101599	0.744565	0.949743	-1.05292	0.291712	1.18833	1.18833	0.78198	1.04473	1.04473	0.33991	0.856303	-1.16781	0.372999	1.15517	1.15517	0.701403	0.941045	-1.06265	9.16E-06	4.54151	4.54151	0.758521	1.04984	1.04984	0.338759	1.16827	1.16827	11.7137	4.61504	0.35021	1
cg03137522	FAM162B	0.00985762	0.00719121	0.518406	-1.92899	0.00635369	0.51034	-1.95948	0.0419166	0.641489	-1.55887	0.0125021	0.555227	-1.80107	0.0528345	0.65919	-1.51701	0.0112783	0.548264	-1.82394	0.0277935	0.611139	-1.63629	0.00164485	0.425959	-2.34765	0.137664	0.738799	-1.35355	5.93778	3.37198	0.504788	1
cg13631916	FAM162B	0.0113227	0.0381339	0.772279	-1.29487	0.306957	0.892511	-1.12043	0.320431	0.89549	-1.11671	0.450586	1.08617	1.08617	0.0911099	1.22152	1.22152	0.128453	1.19325	1.19325	0.0010856	0.595406	-1.67953	0.0420606	0.777353	-1.28642	0.0521954	0.788639	-1.26801	5.6793	1.03986	0.162752	1
cg27550270	FAM162B	0.0123017	0.0333797	0.632923	-1.57997	0.00107504	0.411228	-2.43174	0.713523	1.07019	1.07019	0.0429277	0.651406	-1.53514	0.199796	0.779423	-1.283	0.722012	0.936391	-1.06793	0.23823	0.796698	-1.25518	0.00684032	0.524943	-1.90497	0.00798116	0.534943	-1.86936	5.52873	2.96378	0.476505	1
cg17722656	FAM162B	0.0153503	0.858336	1.0219	1.0219	0.0211554	0.714554	-1.39948	0.0618224	0.774903	-1.29048	0.437477	1.1008	1.1008	0.140965	1.21166	1.21166	0.0762188	1.27023	1.27023	0.00238293	1.6711	1.6711	0.211524	0.85249	-1.17303	0.492829	0.919015	-1.08812	5.14126	1.19712	0.206974	1
cg09251292	FAM162B	0.0304877	0.0565702	0.420909	-2.37581	0.00192401	0.171986	-5.81444	0.0545382	0.417092	-2.39755	0.400077	0.707973	-1.41248	0.0256871	0.345631	-2.89326	0.125581	0.514483	-1.9437	0.100077	0.485587	-2.05936	0.0145412	0.299152	-3.34278	0.301287	0.650912	-1.53631	4.06347	10.3443	2.26283	1
cg08895981	FAM163A	0.00125636	0.694598	0.954499	-1.04767	0.888132	0.983526	-1.01675	0.344614	0.891469	-1.12174	0.0188374	0.714775	-1.39904	0.00147023	0.581694	-1.71912	0.104218	0.810887	-1.23322	0.719005	1.04356	1.04356	0.00132337	0.576254	-1.73535	5.36E-05	0.410885	-2.43377	11.0263	2.43227	0.196079	1
cg02836963	FAM163A	0.00142996	0.17773	1.15802	1.15802	0.525213	1.06817	1.06817	0.00612515	0.693229	-1.44252	0.397613	0.915105	-1.09277	0.522425	0.935755	-1.06866	0.62242	0.950431	-1.05215	0.00770601	1.42003	1.42003	0.000106681	0.496402	-2.0145	0.00786307	0.705173	-1.41809	10.6247	1.76547	0.147704	1
cg13931250	FAM163A	0.0241479	0.198282	0.815715	-1.22592	0.669646	0.937728	-1.06641	0.0104784	0.617142	-1.62037	0.0116945	0.62377	-1.60315	0.21125	0.820929	-1.21813	0.156924	0.797077	-1.25458	0.197797	1.22622	1.22622	0.128829	1.27876	1.27876	0.0131767	0.63101	-1.58476	4.41	1.56762	0.315973	1
cg00962913	FAM163A	0.0256302	0.726741	0.820509	-1.21876	0.0616231	3.27743	3.27743	0.00337054	9.47405	9.47405	0.436483	0.639147	-1.56459	0.256716	0.512988	-1.94936	0.273105	0.52564	-1.90244	?	?	?	0.0256133	4.46021	4.46021	0.267062	1.91934	1.91934	4.39463	19.6706	4.47605	1
cg03340466	FAM163A	0.0330319	0.623078	0.885712	-1.12903	0.776371	1.07226	1.07226	0.637574	1.12328	1.12328	0.740761	0.921881	-1.08474	0.85731	0.956866	-1.04508	0.626945	0.886926	-1.12749	0.223342	0.730926	-1.36813	0.000609634	3.64662	3.64662	0.778459	0.933237	-1.07154	3.94868	3.75347	0.844945	1
cg21837826	FAM163A	0.0339335	0.02395	0.229154	-4.36388	0.00432614	0.124181	-8.05276	0.0122593	0.181519	-5.50907	0.235819	0.506874	-1.97288	0.0261176	0.236068	-4.23606	0.0685231	0.327817	-3.05049	0.0571376	0.308164	-3.24503	0.129127	0.407832	-2.45199	0.129882	0.408666	-2.44699	3.9106	18.5277	4.21139	1
cg24460126	FAM163A	0.0357998	0.0149241	14.2901	14.2901	0.0688766	6.10347	6.10347	0.922535	0.917214	-1.09026	0.127355	4.32668	4.32668	0.0260403	10.4511	10.4511	0.113439	4.6199	4.6199	0.00334451	34.7364	34.7364	0.220897	3.13728	3.13728	0.0597767	6.60087	6.60087	3.83559	47.9515	11.1126	1
cg13786023	FAM163A	0.0491032	0.0191073	0.171782	-5.82132	0.0240955	0.188114	-5.31592	0.0936907	0.318255	-3.14213	0.0831638	0.303806	-3.29158	0.00705577	0.115007	-8.69514	0.0753248	0.292346	-3.4206	0.12827	0.36019	-2.77631	0.0989372	0.325113	-3.07586	0.0587161	0.265494	-3.76656	3.4115	20.8417	5.43044	1
cg13449778	FAM163A;FAM163A	0.00410193	0.483854	1.12256	1.12256	0.197578	1.24772	1.24772	0.507282	1.11551	1.11551	0.168405	0.78781	-1.26934	0.000667815	0.429086	-2.33054	0.0169776	0.623095	-1.60489	0.0205126	0.63535	-1.57394	0.0279011	1.52528	1.52528	0.0428803	1.46036	1.46036	7.79312	3.25895	0.371719	1
cg00055726	FAM163B	0.0198768	0.0130977	0.275267	-3.63284	0.601304	0.801705	-1.24734	0.205796	0.571483	-1.74983	0.0683062	0.425	-2.35294	0.00910763	0.249323	-4.01086	0.386561	0.689292	-1.45076	0.00138381	0.143164	-6.98498	0.0266925	0.332612	-3.00651	0.230033	0.589827	-1.69541	4.71445	13.1218	2.47406	1
cg25744056	FAM163B	0.0377862	0.0518373	0.42688	-2.34258	0.870004	1.06504	1.06504	0.647674	0.837766	-1.19365	0.0858909	0.481813	-2.07549	0.0110977	0.293734	-3.40444	0.110985	0.512721	-1.95038	0.00774748	0.268267	-3.72763	0.0118217	0.298399	-3.35121	0.389913	0.712516	-1.40348	3.76089	8.81604	2.08368	1
cg19793804	FAM164A	0.00369762	0.224972	0.825209	-1.21181	0.77368	1.04442	1.04442	0.722029	1.05532	1.05532	0.000118862	0.362443	-2.75905	0.1289	1.28065	1.28065	0.00377569	0.5548	-1.80245	0.25207	0.834972	-1.19765	0.0912936	0.755529	-1.32358	0.146039	0.790376	-1.26522	8.04035	2.89362	0.3199	1
cg08232264	FAM164A	0.00502827	0.0386743	0.743952	-1.34417	0.810831	0.970816	-1.03006	0.668989	0.948262	-1.05456	0.548792	1.07782	1.07782	0.147633	0.825395	-1.21154	0.715201	1.0463	1.0463	0.000113078	0.432761	-2.31075	0.474492	1.094	1.094	0.0824014	1.26827	1.26827	7.32597	1.77023	0.214789	1
cg05575058	FAM164A	0.007039	0.00814613	0.679841	-1.47093	0.857578	1.02068	1.02068	0.00890853	0.684424	-1.46108	0.334284	0.892738	-1.12015	0.00553766	0.660126	-1.51486	0.169765	0.846511	-1.18132	0.000555423	0.543117	-1.84122	0.951303	0.993066	-1.00698	0.772317	1.03361	1.03361	6.60367	1.35777	0.182763	1
cg12803724	FAM164A;FAM164A	0.0237969	0.0574176	0.7049	-1.41864	0.89693	1.02131	1.02131	0.582758	0.913678	-1.09448	0.903839	1.01986	1.01986	0.000774706	0.436998	-2.28834	0.245048	0.820488	-1.21879	0.194054	0.799658	-1.25053	0.0122196	0.601702	-1.66195	0.28425	0.834432	-1.19842	4.43241	1.85861	0.372731	1
cg02289992	FAM164A;FAM164A	0.0357387	0.467799	1.67416	1.67416	0.0367873	5.92195	5.92195	0.108938	3.49409	3.49409	?	?	?	?	?	?	0.108459	3.50148	3.50148	0.084019	0.252661	-3.95787	0.0265704	0.143296	-6.97855	0.180165	0.364784	-2.74134	4.8862	27.5431	4.83164	1
cg00327772	FAM164C;FAM164C	0.010207	0.00993413	0.364915	-2.74036	0.00266584	0.276383	-3.61817	0.00555061	0.323707	-3.08921	0.923782	0.970811	-1.03007	0.0376396	0.474023	-2.1096	0.0814426	0.549984	-1.81823	0.211219	0.665142	-1.50344	0.00219	0.264503	-3.78067	0.217771	0.669405	-1.49386	5.87199	8.9121	1.34909	1
cg12125332	FAM164C;FAM164C	0.044105	0.00570053	9.7994	9.7994	0.219137	2.25587	2.25587	0.0949296	3.17482	3.17482	0.0381663	4.53856	4.53856	0.998887	0.999122	-1.00088	0.411733	1.69615	1.69615	0.0150657	6.55762	6.55762	0.0539057	3.9654	3.9654	0.0373922	4.57512	4.57512	3.5521	22.2942	5.57898	1
cg19886565	FAM164C;FAM164C	0.0456932	0.901548	1.02801	1.02801	0.893669	0.970589	-1.0303	0.642257	1.11008	1.11008	0.372084	0.815001	-1.22699	0.577229	0.881873	-1.13395	0.184002	0.730079	-1.36972	0.00147082	0.358886	-2.7864	0.020974	0.537961	-1.85887	0.847136	0.957833	-1.04402	3.50538	2.76641	0.701501	1
cg04737054	FAM165B	0.000845624	0.230203	0.86279	-1.15903	0.0247205	1.36819	1.36819	2.00E-05	2.75195	2.75195	0.851525	0.978272	-1.02221	0.281317	1.14028	1.14028	0.525335	1.07838	1.07838	0.0124402	0.694429	-1.44003	0.372962	0.898318	-1.11319	0.368218	0.897307	-1.11445	12.3378	2.68584	0.193504	1
cg15683970	FAM165B	0.00121418	0.0607383	0.706576	-1.41528	0.224222	1.23337	1.23337	0.000223308	0.364478	-2.74365	0.00527297	0.546461	-1.82996	0.000458984	0.404054	-2.47491	0.768897	0.95275	-1.04959	0.155167	0.77887	-1.28391	0.246208	1.22046	1.22046	0.00258246	0.503491	-1.98613	11.1344	4.75923	0.379943	1
cg18587518	FAM165B	0.0463419	0.140945	1.25587	1.25587	0.0954346	0.76832	-1.30154	0.0246029	0.680355	-1.46982	0.123999	1.27082	1.27082	0.652489	1.06739	1.06739	0.0206074	1.4936	1.4936	0.156367	1.24377	1.24377	0.412391	0.886408	-1.12815	0.796143	0.963438	-1.03795	3.48687	1.14313	0.291413	1
cg15125868	FAM165B	0.048882	0.439622	0.848525	-1.17852	0.466037	1.16718	1.16718	0.0499385	0.62755	-1.5935	0.0667754	0.651616	-1.53465	0.461598	0.855399	-1.16904	0.51875	1.14605	1.14605	0.0339321	1.67528	1.67528	0.104113	1.44815	1.44815	0.0391517	0.608092	-1.64449	3.41734	2.35044	0.611377	1
cg08013227	FAM166A	0.00806306	0.234096	0.76267	-1.31118	0.114949	0.689145	-1.45107	0.00129299	0.361211	-2.76846	0.0260506	0.563468	-1.77472	0.00716875	0.470455	-2.1256	0.00193354	0.385623	-2.59321	0.0100495	0.493776	-2.02521	0.16482	0.724801	-1.37969	0.028489	0.570363	-1.75327	6.32849	4.72846	0.664151	1
cg04476286	FAM166A	0.0388293	0.50864	0.793595	-1.26009	0.355929	1.38734	1.38734	0.0811454	0.513414	-1.94774	0.626606	0.844474	-1.18417	0.03848	0.437493	-2.28575	0.034852	0.428299	-2.33482	0.00227626	0.229575	-4.35587	0.9256	0.96831	-1.03273	0.172981	0.606544	-1.64869	3.72357	7.01042	1.67352	1
cg04245250	FAM166B;FAM166B;FAM166B;FAM166B	0.00165566	0.198247	0.803442	-1.24465	0.335021	1.17353	1.17353	0.00398131	0.536274	-1.86472	0.637244	1.07945	1.07945	0.000156529	0.352938	-2.83336	0.0216326	0.641544	-1.55874	0.338791	0.853255	-1.17198	0.00399452	1.86403	1.86403	0.706481	0.940926	-1.06278	10.1853	4.17886	0.364695	1
cg20717059	FAM167A	0.000438694	0.000173235	0.550763	-1.81564	0.00116373	1.56219	1.56219	0.00772642	1.37726	1.37726	0.0118053	0.745183	-1.34195	0.0425228	0.803737	-1.24419	0.39525	1.08485	1.08485	0.00237071	0.67268	-1.48659	0.0168223	0.76119	-1.31373	0.146355	0.864287	-1.15702	14.8176	2.0535	0.123187	1
cg06551905	FAM167A	0.000644693	0.0314079	0.636653	-1.57072	0.112725	1.36185	1.36185	4.84E-05	0.254767	-3.92516	0.746353	1.05977	1.05977	0.0139063	0.580669	-1.72215	0.00657506	0.53187	-1.88016	0.000632613	0.390901	-2.55819	0.0107047	0.563371	-1.77503	0.00476607	0.511533	-1.95491	13.3141	6.74752	0.450484	1
cg26274995	FAM167A	0.00212963	0.517014	0.920906	-1.08589	0.752246	1.04052	1.04052	0.00122906	0.552739	-1.80917	0.205698	0.845826	-1.18228	0.341667	0.884363	-1.13076	0.000199783	0.45692	-2.18857	0.0129517	1.47235	1.47235	0.0339757	0.733119	-1.36404	0.059582	0.765926	-1.30561	9.46684	2.35862	0.221462	1
cg11696028	FAM167A	0.00562215	0.0579142	0.679187	-1.47235	0.43668	1.15395	1.15395	0.00203518	2.19218	2.19218	0.0283541	0.626865	-1.59524	0.141577	1.33007	1.33007	0.426039	1.15798	1.15798	0.0018029	0.448884	-2.22775	0.758525	0.945876	-1.05722	0.507513	0.885742	-1.129	7.07961	3.65124	0.458435	1
cg15137355	FAM167A	0.00631408	0.691032	1.11081	1.11081	0.825742	1.05972	1.05972	0.00208398	0.319939	-3.12559	0.831933	1.0575	1.0575	0.220349	0.712503	-1.4035	0.020604	0.4802	-2.08247	0.000292692	0.21167	-4.72434	0.454397	0.818356	-1.22196	0.329808	0.767555	-1.30284	6.83054	7.48601	0.974188	1
cg01383082	FAM167A	0.0165544	0.0140199	0.298556	-3.34945	0.0397073	2.57971	2.57971	0.713905	1.15804	1.15804	0.10865	2.00831	2.00831	0.00611886	0.240349	-4.16062	0.0583936	2.34486	2.34486	0.175738	1.77482	1.77482	0.695773	1.16952	1.16952	0.461353	0.74169	-1.34827	5.01377	12.6089	2.23543	1
cg23045373	FAM167A	0.0275455	0.172997	0.852815	-1.17259	0.980545	0.997326	-1.00268	0.813511	1.02629	1.02629	0.61266	1.05766	1.05766	0.000852021	0.576775	-1.73378	0.677904	0.955178	-1.04693	0.0912709	0.815293	-1.22655	0.19072	1.16431	1.16431	0.386101	1.10247	1.10247	4.21197	0.804195	0.169716	1
cg16824901	FAM167A	0.0380317	0.0488235	0.432846	-2.31029	0.483451	0.767154	-1.30352	0.0128707	0.316793	-3.15664	0.559959	0.803015	-1.24531	0.0141992	0.324326	-3.08332	0.572619	0.80881	-1.23638	0.00683848	0.271487	-3.68342	0.0259386	0.373817	-2.6751	0.200489	0.604544	-1.65414	3.75199	8.23166	1.95017	1
cg08224773	FAM167A	0.0418995	0.548505	0.903849	-1.10638	0.770531	0.952467	-1.04991	0.709735	1.06423	1.06423	0.0859835	0.729116	-1.37152	0.697396	1.06723	1.06723	0.0235724	1.56864	1.56864	0.00865038	1.74603	1.74603	0.134318	0.764268	-1.30844	0.170407	0.784192	-1.2752	3.62054	1.5898	0.390317	1
cg02771117	FAM167A;C8orf12	0.000945732	0.000229005	0.107008	-9.34506	0.0880602	0.502944	-1.98829	0.000289349	0.115461	-8.66094	0.00185218	0.199214	-5.01973	0.0071683	0.281513	-3.55224	0.0103481	0.307505	-3.25198	0.00203576	0.204331	-4.89401	0.662405	0.851803	-1.17398	0.0021308	0.206834	-4.8348	11.954	25.2387	1.87673	1
cg03741348	FAM167B	0.00637283	0.00400826	0.539825	-1.85245	0.612137	1.08494	1.08494	0.000719385	0.440156	-2.27192	0.0470517	0.696023	-1.43673	0.119222	0.763694	-1.30943	0.0264554	0.657343	-1.52128	0.185195	0.799297	-1.2511	0.00331616	0.528546	-1.89198	0.0262731	0.656889	-1.52233	6.81098	2.74216	0.357875	1
cg11190658	FAM167B	0.0238472	0.0519342	2.25678	2.25678	0.386432	0.721249	-1.38648	0.860754	1.06675	1.06675	0.189372	1.6681	1.6681	0.478743	1.30348	1.30348	0.659429	0.849397	-1.17731	0.0029099	0.221814	-4.50828	0.15023	0.566872	-1.76407	0.0207091	0.358745	-2.7875	4.42918	9.50226	1.907	1
cg14258143	FAM167B	0.0344077	0.0571396	4.82347	4.82347	0.0255886	6.95277	6.95277	0.33429	2.07103	2.07103	0.423315	1.81832	1.81832	0.115419	3.49493	3.49493	0.0328826	6.20005	6.20005	0.00428332	16.3377	16.3377	0.00898188	11.3492	11.3492	0.105427	3.64483	3.64483	3.89107	32.9413	7.52522	1
cg25790955	FAM168A	0.00103506	0.0836934	0.647887	-1.54348	0.777187	0.937696	-1.06644	0.0200225	0.529203	-1.88963	0.161491	1.40357	1.40357	0.00244775	0.384497	-2.6008	0.0189533	0.525054	-1.90457	6.45E-05	0.18923	-5.28458	0.328196	1.25713	1.25713	0.00194944	0.370321	-2.70036	11.652	9.48765	0.723776	1
cg13533707	FAM168A	0.00482296	0.402649	0.849522	-1.17713	0.188317	0.766882	-1.30398	0.0365995	1.588	1.588	0.40678	1.17537	1.17537	0.000334867	0.332361	-3.00878	0.00492347	0.491991	-2.03256	0.384042	1.18524	1.18524	0.257225	1.2525	1.2525	0.861385	0.967269	-1.03384	7.41972	4.26038	0.510397	1
cg22145091	FAM168A	0.00621927	0.533852	1.15458	1.15458	0.000435693	0.281292	-3.55503	0.0012417	0.340775	-2.93449	0.876009	0.965007	-1.03626	0.154334	0.706222	-1.41599	0.156848	0.707919	-1.41259	0.235373	1.32804	1.32804	0.133	0.690901	-1.44739	0.284498	0.775985	-1.28868	6.86261	5.65609	0.732613	1
cg18289303	FAM168A	0.006544	0.91215	0.983757	-1.01651	0.0013101	0.499477	-2.0021	0.750101	0.953689	-1.04856	0.266153	0.842039	-1.18759	0.299631	1.17293	1.17293	0.438943	1.12428	1.12428	0.00685881	1.68124	1.68124	0.140635	1.26515	1.26515	0.00734957	0.598879	-1.66979	6.75522	2.35576	0.309985	1
cg04905636	FAM168A	0.0103856	0.11679	0.528061	-1.89372	0.311284	0.675327	-1.48077	0.111524	0.522289	-1.91465	0.0850359	2.04133	2.04133	0.00217508	0.199538	-5.01157	0.0713876	0.470208	-2.12672	0.00315675	0.220544	-4.53423	0.826326	1.08583	1.08583	0.0169214	0.335634	-2.97943	5.83942	12.9872	1.97694	1
cg20742840	FAM168A	0.0143326	0.300163	1.37903	1.37903	0.00982232	0.376451	-2.65639	0.164782	0.641722	-1.55831	0.688726	1.1281	1.1281	0.00217411	0.275958	-3.62375	0.208625	0.672495	-1.487	0.0144283	0.405555	-2.46575	0.199968	1.49971	1.49971	0.1067	0.590245	-1.69421	5.25911	7.46273	1.26134	1
cg01215957	FAM168A	0.0144318	0.0546255	0.51641	-1.93644	0.00362422	0.303197	-3.29819	0.00944236	0.368913	-2.71067	0.424006	0.780741	-1.28084	0.119104	0.598856	-1.66985	0.0731101	0.545596	-1.83286	0.00499488	0.324259	-3.08395	0.00641454	0.341335	-2.92967	0.0364702	0.478582	-2.08951	5.24716	7.63602	1.29357	1
cg05871601	FAM168A	0.021998	0.00434804	0.236147	-4.23466	0.11805	1.90187	1.90187	0.857228	0.934064	-1.07059	0.675205	1.17307	1.17307	0.0797875	0.478837	-2.08839	0.108759	0.515528	-1.93976	0.00921662	0.285916	-3.49753	0.680087	1.17005	1.17005	0.0402387	0.407517	-2.45389	4.55408	10.3479	2.01976	1
cg05147714	FAM168A	0.0226025	0.128837	0.689082	-1.45121	0.656982	1.10673	1.10673	0.36434	0.809369	-1.23553	0.620235	0.892852	-1.12001	0.0031306	0.399877	-2.50077	0.422442	1.20432	1.20432	0.702674	1.09092	1.09092	0.00591644	2.26348	2.26348	0.444987	0.83806	-1.19323	4.51186	3.67865	0.724736	1
cg11658781	FAM168A	0.0238532	0.687018	0.91864	-1.08857	0.00230809	2.44023	2.44023	0.0567072	1.57129	1.57129	0.431829	1.18303	1.18303	0.586853	1.12182	1.12182	0.366994	1.2143	1.2143	0.00459288	2.20439	2.20439	0.0232174	1.76559	1.76559	0.678559	1.09124	1.09124	4.42879	3.07898	0.617972	1
cg02839202	FAM168A	0.0410081	0.667725	0.91192	-1.09659	0.127873	1.42113	1.42113	0.220649	1.31643	1.31643	0.620517	0.898921	-1.11244	0.114366	0.693047	-1.4429	0.00308402	0.421145	-2.37448	0.327115	0.805745	-1.24109	0.406865	1.1986	1.1986	0.079618	0.660095	-1.51493	3.64947	2.63474	0.641735	1
cg02100305	FAM168A;FAM168A	0.00996088	0.0315384	0.823895	-1.21375	0.00921093	0.775715	-1.28913	0.0364874	0.829661	-1.20531	0.132279	1.13291	1.13291	0.826639	0.983291	-1.01699	0.019131	0.804267	-1.24337	0.00103916	0.688616	-1.45219	0.148283	0.887694	-1.12651	0.7428	0.975021	-1.02562	5.91803	0.553146	0.0830825	1
cg18272361	FAM168B	0.000959325	0.00795144	1.29471	1.29471	0.92659	0.99303	-1.00702	0.0040015	0.745586	-1.34123	0.585221	1.04272	1.04272	0.0235181	1.22794	1.22794	0.0216533	1.23279	1.23279	0.000802489	0.681111	-1.46819	0.000958795	0.68841	-1.45262	0.821541	1.0173	1.0173	11.9058	1.08634	0.0811063	1
cg23994748	FAM168B	0.015218	0.658063	1.11915	1.11915	0.0604514	0.585628	-1.70757	0.0132421	2.17261	2.17261	0.490016	0.837602	-1.19388	0.627134	1.1317	1.1317	0.00287506	0.354784	-2.81862	0.912391	0.972568	-1.02821	0.0148027	0.468668	-2.13371	0.609733	1.13896	1.13896	5.15603	5.21587	0.899206	1
cg22094306	FAM168B	0.0171778	0.153643	1.50479	1.50479	0.000437962	4.42005	4.42005	0.0663183	1.73486	1.73486	0.787133	1.07509	1.07509	0.0695016	1.72136	1.72136	0.796934	1.07141	1.07141	0.0750931	1.69928	1.69928	0.021872	2.08731	2.08731	0.138525	1.53202	1.53202	4.95221	5.61242	1.00739	1
cg07485181	FAM168B	0.0260547	0.485226	0.895792	-1.11633	0.37593	1.15142	1.15142	0.00153237	2.02902	2.02902	0.363	0.864961	-1.15612	0.894744	1.02075	1.02075	0.112144	0.764592	-1.30789	0.361134	0.864445	-1.15681	0.0702639	0.730526	-1.36888	0.213109	1.22563	1.22563	4.29492	1.63782	0.338968	1
cg16240424	FAM168B	0.0310385	0.40063	1.1291	1.1291	0.0362548	1.41005	1.41005	0.550279	1.08904	1.08904	0.381587	0.88104	-1.13502	0.519312	1.09658	1.09658	0.875811	1.02232	1.02232	0.00820843	0.620466	-1.61169	0.00885764	0.624875	-1.60032	0.638197	1.06913	1.06913	4.03764	1.27372	0.28041	1
cg09006498	FAM168B;FAM168B	0.0122363	0.000241684	0.184363	-5.42409	0.622894	1.14799	1.14799	0.456865	1.23489	1.23489	0.727107	0.907054	-1.10247	0.702544	1.11275	1.11275	0.145372	0.647033	-1.54552	0.990503	1.00332	1.00332	0.875695	0.957348	-1.04455	0.113172	1.61613	1.61613	5.53831	6.80055	1.09148	1
cg08971867	FAM169A	0.00122158	0.0612436	0.508104	-1.9681	0.00661779	0.322497	-3.1008	0.00317902	0.274333	-3.6452	0.635178	0.857756	-1.16583	0.00111866	0.21423	-4.66787	0.00429424	0.293455	-3.40768	0.000157375	0.125474	-7.96976	0.174697	1.58955	1.58955	0.011131	0.360003	-2.77776	11.1151	18.1425	1.45088	1
cg26674645	FAM169A	0.00217706	0.987191	0.998227	-1.00178	0.00104574	0.584927	-1.70961	0.00426179	0.655255	-1.52612	0.0478021	1.28421	1.28421	0.00811408	1.45451	1.45451	0.042483	1.29465	1.29465	0.0388436	1.30264	1.30264	0.285851	0.884685	-1.13035	0.059419	0.790405	-1.26517	9.40609	1.82024	0.172015	1
cg00137855	FAM169A	0.0153365	0.967571	1.01055	1.01055	0.000855032	0.274398	-3.64434	0.00749078	0.41119	-2.43197	0.41617	0.806915	-1.23929	0.0632183	0.583111	-1.71494	0.970687	0.990559	-1.00953	0.591248	1.15022	1.15022	0.0779741	0.603134	-1.65801	0.0373406	0.535892	-1.86605	5.1428	5.42839	0.938251	1
cg03605420	FAM169A	0.0431753	0.0704052	0.595047	-1.68054	0.0749953	0.601096	-1.66363	0.598924	0.872635	-1.14595	0.756975	0.92341	-1.08294	0.00106661	0.288973	-3.46053	0.610781	0.876551	-1.14083	0.075667	0.601956	-1.66125	0.165527	0.684088	-1.4618	0.585259	0.868091	-1.15195	3.58043	3.73661	0.927665	1
cg18576057	FAM169B	5.14E-05	0.00286526	0.693464	-1.44204	6.63E-05	0.520668	-1.92061	8.22E-07	0.308496	-3.24153	0.148976	0.871019	-1.14808	0.0305923	0.797173	-1.25443	0.621957	1.04534	1.04534	0.0181604	0.774191	-1.29167	0.0881373	0.845435	-1.18282	0.105715	0.854123	-1.17079	26.4328	3.3328	0.112076	1
cg17348378	FAM169B	0.000151906	0.000730506	0.300202	-3.33109	0.0057788	0.428493	-2.33376	0.000191956	0.229454	-4.35817	0.0012371	0.330684	-3.02403	0.000117076	0.205726	-4.86084	3.02E-05	0.147783	-6.76669	0.000529955	0.282346	-3.54175	0.000466959	0.275455	-3.63036	0.0258408	0.537878	-1.85916	19.7895	17.2131	0.773165	1
cg13382132	FAM169B	0.000368923	0.336216	0.88558	-1.1292	0.00309351	1.64227	1.64227	0.960826	0.993999	-1.00604	1.94E-05	0.345554	-2.89391	0.521752	0.923511	-1.08282	0.0118747	1.46939	1.46939	0.0105866	1.48286	1.48286	0.521401	0.923447	-1.0829	0.0537021	1.30794	1.30794	15.5426	3.69652	0.211406	1
cg09987663	FAM169B	0.00794055	0.0655064	0.536062	-1.86546	0.00286862	0.290201	-3.44589	0.00337624	0.300465	-3.32817	0.0175093	0.418043	-2.3921	0.0640583	0.533817	-1.8733	0.419414	0.779708	-1.28253	0.00155128	0.253455	-3.94547	0.014138	0.401182	-2.49264	0.0482235	0.506154	-1.97568	6.35905	9.16234	1.28074	1
cg04672210	FAM169B	0.0210973	0.0687247	0.504197	-1.98335	0.7006	0.878216	-1.13867	0.010804	0.340894	-2.93346	0.748747	0.897616	-1.11406	0.0138144	0.359584	-2.78099	0.0200012	0.389225	-2.56921	0.00178108	0.224253	-4.45926	0.248969	0.666955	-1.49935	0.244299	0.664034	-1.50595	4.61973	8.26612	1.5905	1
cg22042896	FAM169B	0.0224583	0.607532	1.1857	1.1857	0.404902	1.32341	1.32341	0.0431351	0.465308	-2.14911	0.494025	0.795835	-1.25654	0.00432324	0.285303	-3.50504	0.014652	0.372269	-2.68623	0.0146671	0.37235	-2.68565	0.296444	1.42754	1.42754	0.762543	0.905165	-1.10477	4.52181	7.74257	1.52202	1
cg23054181	FAM169B	0.0355844	0.416349	1.20245	1.20245	0.0292494	1.7684	1.7684	0.393291	0.823593	-1.21419	0.024762	0.552548	-1.8098	0.850406	0.958962	-1.04279	0.0480794	1.6511	1.6511	0.0214923	0.541734	-1.84592	0.442909	0.840609	-1.18961	0.318367	0.795418	-1.2572	3.844	2.99876	0.693436	1
cg01245667	FAM169B	0.0367961	0.908925	1.02975	1.02975	0.0827816	0.611343	-1.63574	0.100409	0.630643	-1.58568	0.485437	0.833958	-1.1991	0.077703	0.605172	-1.65242	0.0799679	1.64484	1.64484	0.00539252	0.391281	-2.55571	0.028485	0.515717	-1.93905	0.965568	0.989004	-1.01112	3.7975	3.9463	0.923719	1
cg06903010	FAM170A;FAM170A	0.00732233	0.00642026	0.319647	-3.12845	0.192394	1.5587	1.5587	0.0759387	0.529742	-1.88771	0.843266	1.06575	1.06575	0.0429195	0.472599	-2.11566	0.0194695	0.403098	-2.48079	0.000755412	0.193373	-5.17135	0.532354	1.22563	1.22563	0.0442328	0.475453	-2.10326	6.52277	10.6908	1.45689	1
cg18399472	FAM170A;FAM170A	0.00833774	0.00126854	0.343432	-2.91178	0.0550808	0.610005	-1.63933	0.597459	0.885939	-1.12875	0.715739	0.920245	-1.08667	0.0998455	1.50656	1.50656	0.963335	0.989607	-1.0105	0.0105821	0.481566	-2.07656	0.395729	0.820647	-1.21855	0.00262524	0.388068	-2.57687	6.26202	5.12227	0.727103	1
cg23314948	FAM170A;FAM170A	0.00836277	0.125966	0.652647	-1.53222	0.0575449	0.574914	-1.73939	0.147668	0.670086	-1.49234	0.770404	0.927353	-1.07834	0.0025728	0.340553	-2.9364	0.275319	1.33977	1.33977	0.19393	1.42507	1.42507	0.00826842	2.38773	2.38773	0.0178731	0.476219	-2.09987	6.2561	6.58126	0.93509	1
cg13432928	FAM170A;FAM170A	0.0155541	0.03313	0.261877	-3.81859	0.00137898	0.0824505	-12.1285	0.0700698	0.336417	-2.9725	0.398181	1.59251	1.59251	0.028624	0.249336	-4.01065	0.714514	0.82068	-1.2185	0.0181953	0.213885	-4.6754	0.229506	0.507505	-1.97042	0.0181006	0.213505	-4.68373	5.11883	23.4578	4.07346	1
cg01229506	FAM170A;FAM170A	0.0218744	0.0370293	0.266749	-3.74885	0.00677219	0.147316	-6.78814	0.0506037	0.296538	-3.37224	0.0277759	0.241886	-4.13419	0.00293789	0.107632	-9.29088	0.0973915	0.370608	-2.69827	0.0399476	0.273703	-3.6536	0.146214	0.426917	-2.34237	0.0299182	0.248092	-4.03076	4.56289	21.519	4.19207	1
cg12872560	FAM170B	0.00698983	0.0513497	1.32739	1.32739	0.88452	1.01873	1.01873	0.00432748	1.6272	1.6272	0.395386	0.894834	-1.11753	0.0570385	1.31638	1.31638	0.000967112	1.87219	1.87219	0.00491879	1.60904	1.60904	0.354599	0.885524	-1.12927	0.278458	1.15473	1.15473	6.61812	1.7082	0.22943	1
cg00018866	FAM170B	0.022033	0.0234028	1.606	1.606	0.974001	0.994316	-1.00572	0.0109367	0.571969	-1.74835	0.100015	1.3706	1.3706	0.04007	0.660333	-1.51439	0.02581	0.629395	-1.58883	0.253049	1.23222	1.23222	0.981112	1.00415	1.00415	0.790788	1.04761	1.04761	4.5516	2.20569	0.430752	1
cg26930408	FAM170B	0.0329076	0.131277	0.735543	-1.35954	0.0736978	1.45625	1.45625	0.548891	1.12114	1.12114	0.105624	0.716585	-1.39551	0.200893	0.775177	-1.29003	0.0238801	1.66227	1.66227	0.0104144	1.83694	1.83694	0.604557	1.1035	1.1035	0.374219	0.842021	-1.18762	3.95403	2.2256	0.500327	1
cg09545478	FAM171A1	7.79E-07	0.0143846	0.737356	-1.3562	0.00125058	0.621248	-1.60966	1.23E-06	0.282807	-3.53598	0.000197672	0.531722	-1.88068	2.48E-07	0.211429	-4.72971	1.20E-06	0.281722	-3.54959	4.08E-07	0.232839	-4.2948	0.0196677	1.3292	1.3292	4.41E-05	0.457481	-2.18588	78.1564	12.6241	0.143576	1
cg23361862	FAM171A1	6.91E-05	0.0495236	1.40874	1.40874	0.000965409	0.471705	-2.11997	0.404764	1.13924	1.13924	0.740953	0.950533	-1.05204	1.78E-06	0.16158	-6.18888	0.0540763	0.715809	-1.39702	0.251737	1.20094	1.20094	0.0522976	1.40147	1.40147	0.00193	0.511153	-1.95636	24.4321	9.04857	0.329205	1
cg08929641	FAM171A1	0.000144828	0.404848	1.0486	1.0486	0.0187661	0.853374	-1.17182	0.00016709	1.42888	1.42888	0.0174386	1.17486	1.17486	2.22E-05	1.60638	1.60638	0.00235222	1.26658	1.26658	0.000146635	1.43866	1.43866	0.612859	0.971989	-1.02882	0.0331909	1.1487	1.1487	20.0455	0.98427	0.043646	1
cg07779873	FAM171A1	0.00114162	0.000178362	0.390401	-2.56147	0.0280968	0.680963	-1.46851	0.825025	1.03335	1.03335	0.000587761	2.19634	2.19634	0.0244108	1.4878	1.4878	0.91323	1.01628	1.01628	0.181083	1.23412	1.23412	0.216315	0.824689	-1.21258	0.825356	0.96779	-1.03328	11.3318	3.93879	0.308966	1
cg14440794	FAM171A1	0.00262274	0.674532	1.06665	1.06665	0.00572714	1.73913	1.73913	0.00490051	1.76752	1.76752	0.000980901	2.11438	2.11438	0.064519	1.37334	1.37334	0.00293949	1.86633	1.86633	0.00128156	2.04879	2.04879	0.171607	0.800646	-1.24899	0.302189	1.17738	1.17738	8.90539	3.29168	0.328558	1
cg12069423	FAM171A1	0.00269357	0.353792	0.746982	-1.33872	0.85255	0.944695	-1.05854	0.467255	0.797572	-1.25381	0.896617	0.96103	-1.04055	7.57E-05	0.111362	-8.9797	0.666931	1.14155	1.14155	0.000940834	0.22121	-4.52059	0.372483	0.75581	-1.32308	0.0658184	0.531962	-1.87983	8.83561	13.0835	1.31624	1
cg04284320	FAM171A1	0.00999338	0.134962	0.705545	-1.41734	0.648145	1.10456	1.10456	0.296665	1.26389	1.26389	0.305222	1.25834	1.25834	0.000933439	0.343274	-2.91312	0.879875	0.967798	-1.03327	0.00393908	2.31528	2.31528	0.894683	1.02908	1.02908	0.522943	0.869245	-1.15042	5.91187	4.38621	0.659495	1
cg14561934	FAM171A1	0.0119708	0.782118	0.957302	-1.0446	0.0208875	0.64561	-1.54892	0.741836	1.05341	1.05341	0.124999	1.29873	1.29873	0.554756	1.0986	1.0986	0.000525836	0.42725	-2.34055	0.14783	0.783181	-1.27684	0.103689	0.755719	-1.32324	0.44841	1.1293	1.1293	5.5779	2.18861	0.348774	1
cg17118095	FAM171A1	0.0231518	0.791265	0.938076	-1.06601	0.0728408	0.617404	-1.61969	0.737099	1.08458	1.08458	0.113916	0.660697	-1.51355	0.0352828	0.553868	-1.80548	0.447046	0.829642	-1.20534	0.00529547	2.42481	2.42481	0.0495817	1.7158	1.7158	0.206942	1.37816	1.37816	4.47469	4.11576	0.817587	1
cg03929743	FAM171A1	0.0416645	0.0465756	0.225473	-4.43513	0.294506	0.491355	-2.03519	0.04566	0.223663	-4.47101	0.880461	1.10335	1.10335	0.0115754	0.127031	-7.8721	0.15032	0.365054	-2.73932	0.00497139	0.0880088	-11.3625	0.638883	1.36193	1.36193	0.22995	0.439016	-2.27782	3.62809	24.5445	6.01345	1
cg23766254	FAM171A2	0.00202144	0.711189	0.921323	-1.0854	0.0995602	1.48845	1.48845	0.111688	0.682694	-1.46478	0.226495	0.755931	-1.32287	0.147857	1.40789	1.40789	0.0449992	1.66011	1.66011	7.25E-05	4.91059	4.91059	0.0262485	1.78761	1.78761	0.0723416	0.642844	-1.55559	9.61198	7.39066	0.683468	1
cg22078805	FAM171A2	0.00327123	0.0284795	2.3978	2.3978	0.0029985	3.96266	3.96266	0.154511	1.67454	1.67454	0.167275	1.64543	1.64543	0.0205078	2.57106	2.57106	0.00390846	3.72092	3.72092	0.000348946	6.99336	6.99336	0.00130725	4.87012	4.87012	0.144575	1.69914	1.69914	8.34055	15.1163	1.61101	1
cg22435982	FAM171A2	0.00441782	0.876238	1.05297	1.05297	0.0630472	0.50032	-1.99872	0.00563791	0.300235	-3.33073	0.313979	0.708308	-1.41182	0.0178677	0.385429	-2.59451	0.000174492	0.121305	-8.24366	0.646494	1.16525	1.16525	0.0809743	0.526862	-1.89803	0.297909	1.42956	1.42956	7.62019	13.2373	1.54412	1
cg19935040	FAM171A2	0.00453943	0.0510528	2.0616	2.0616	0.0127228	2.74005	2.74005	0.215602	1.52858	1.52858	0.258924	1.46739	1.46739	0.00696913	3.11566	3.11566	0.00150436	4.43313	4.43313	0.000455321	6.03847	6.03847	0.00581642	3.24128	3.24128	0.144594	1.66561	1.66561	7.55769	12.6882	1.4923	1
cg17560338	FAM171A2	0.0107476	0.00343531	0.61048	-1.63806	0.0240346	1.39686	1.39686	0.846933	0.976288	-1.02429	0.340929	1.1296	1.1296	0.0578054	0.766173	-1.30519	0.17932	0.837679	-1.19378	0.155749	0.828123	-1.20755	0.0948164	1.25605	1.25605	0.0107253	0.671551	-1.48909	5.77552	1.41039	0.217069	1
cg13661908	FAM171A2	0.0174292	0.0507503	0.50774	-1.96951	0.00446301	0.315103	-3.17357	0.0123622	0.387362	-2.58156	0.118246	0.596617	-1.67612	0.00396718	0.307388	-3.25322	0.0438766	0.493959	-2.02446	0.0265493	0.449051	-2.22692	0.0225035	0.435081	-2.29842	0.0886443	0.564433	-1.77169	4.92817	7.23745	1.30541	1
cg01113040	FAM171A2	0.0197191	0.833582	0.974732	-1.02592	0.772833	0.965405	-1.03583	0.970258	1.00455	1.00455	0.112591	0.810499	-1.23381	0.000750134	0.536875	-1.86263	0.00421127	0.627388	-1.59391	0.652348	0.946331	-1.05671	0.799266	0.969479	-1.03148	0.534393	0.926315	-1.07955	4.72721	1.10778	0.208303	1
cg00170188	FAM171A2	0.0286852	0.0741057	1.29336	1.29336	0.0584028	1.31838	1.31838	0.72732	0.955763	-1.04628	0.253622	1.16659	1.16659	0.220009	0.84647	-1.18138	0.0276982	1.39988	1.39988	0.00653255	0.633351	-1.5789	0.464493	0.908263	-1.101	0.516959	1.08863	1.08863	4.15222	1.09854	0.23517	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12274443	FAM171A2	0.0301252	0.840772	0.933469	-1.07127	0.0223592	0.381375	-2.62209	0.314111	1.43056	1.43056	0.236285	0.651999	-1.53375	?	?	?
cg08224307	FAM171B	0.000562228	0.583224	1.18384	1.18384	0.000227863	6.45951	6.45951	0.00102846	4.39947	4.39947	0.00325984	3.3928	3.3928	0.263856	0.701371	-1.42578
cg01418147	FAM171B	0.00298732	0.00646435	0.7351	-1.36036	0.771998	1.02557	1.02557	0.114131	1.16111	1.16111	0.827716	1.01912	1.01912	0.12813	1.15368	1.15368
cg22900206	FAM171B	0.016443	0.152491	0.688768	-1.45187	0.0662556	1.6507	1.6507	0.395982	1.23551	1.23551	0.0365302	1.80617	1.80617	0.0100951	0.453975	-2.20276
cg02262037	FAM172A;FAM172A;FAM172A;FAM172A	3.74E-06	7.86E-07	0.126483	-7.90621	0.874785	1.0249	1.0249	0.0153374	0.628693	-1.5906	0.0457134	1.42938	1.42938	0.629002	0.926889	-1.07888
cg26398085	FAM172A;FAM172A;FAM172A;FAM172A	4.43E-05	0.762262	1.02944	1.02944	0.010902	1.35747	1.35747	0.040565	0.797591	-1.25378	0.0858207	0.833972	-1.19908	9.70E-07	0.291238	-3.43362
cg19023046	FAM172A;FAM172A;FAM172A;FAM172A	0.000118381	3.90E-05	0.100724	-9.92809	0.0333487	1.94331	1.94331	0.462274	1.21602	1.21602	0.408574	0.801655	-1.24742	0.000619937	0.228639	-4.3737
cg25358565	FAM172A;FAM172A;FAM172A;FAM172A	0.000335569	0.0384825	0.449959	-2.22242	0.0306306	0.429156	-2.33015	0.0313204	2.31939	2.31939	0.303496	0.701191	-1.42614	4.98E-06	0.0312459	-32.0042
cg01221780	FAM172A;FAM172A;FAM172A;FAM172A	0.00115543	0.0178564	0.686086	-1.45754	0.0936499	0.785641	-1.27285	0.0673423	0.764716	-1.30767	0.120551	1.24649	1.24649	0.000139967	0.422941	-2.3644
cg04823152	FAM172A;FAM172A;FAM172A;FAM172A	0.00372258	0.685609	0.952431	-1.04995	0.397005	1.10945	1.10945	0.0013337	0.572	-1.74825	0.19241	1.17966	1.17966	0.00047415	0.518235	-1.92963
cg17253517	FAM172A;FAM172A;FAM172A;FAM172A	0.00396236	0.0485652	0.580595	-1.72237	0.0176857	0.498457	-2.00619	0.145399	0.685733	-1.45829	0.107855	0.654828	-1.52712	0.0223903	0.516718	-1.93529
cg04085542	FAM172A;FAM172A;FAM172A;FAM172A	0.0156755	0.00260331	0.134088	-7.4578	0.0560855	0.352648	-2.83568	0.880469	0.93008	-1.07518	0.257664	0.566088	-1.76651	0.00258936	0.133839	-7.47166
cg18651011	FAM172A;FAM172A;FAM172A;FAM172A	0.0187754	0.786486	0.907565	-1.10185	0.0016588	0.200345	-4.99138	0.00409286	0.252556	-3.95951	0.572551	0.815711	-1.22592	0.678661	0.861722	-1.16047
cg04293725	FAM172A;FAM172A;FAM172A;FAM172A	0.0222674	0.061508	0.545013	-1.83482	0.155199	0.647447	-1.54453	0.324466	0.748865	-1.33535	0.0462514	0.516966	-1.93436	0.0153179	0.418942	-2.38697
cg19850855	FAM172A;FAM172A;FAM172A;FAM172A	0.0306326	?	?	?	0.0206637	0.243821	-4.10136	0.134219	0.441352	-2.26577	0.0657767	0.351476	-2.84514	0.00722466	0.172807	-5.78682
cg17809345	FAM172A;FAM172A;FAM172A;FAM172A	0.0413998	?	?	?	0.0221462	0.372174	-2.68692	0.037107	0.41807	-2.39194	0.786348	1.10285	1.10285	0.572099	1.2284	1.2284
cg17398066	FAM172A;FAM172A;FAM172A;FAM172A;FAM172A;FAM172A;FAM172A	0.0145162	0.0183901	0.413119	-2.42061	0.0501625	0.501518	-1.99395	0.345909	1.34985	1.34985	0.280181	0.706854	-1.41472	0.0220507	0.428025	-2.33631
cg06401019	FAM172A;FAM172A;FAM172A;FAM172A;MIR2277	0.0145129	0.0580318	1.33177	1.33177	0.796939	0.966106	-1.03508	0.00267906	1.74201	1.74201	0.390478	1.12487	1.12487	0.0832476	1.29231	1.29231
cg20474306	FAM172A;FAM172A;POU5F2;FAM172A;FAM172A	5.53E-05	0.43478	0.918453	-1.08879	0.0392153	0.775162	-1.29005	0.273737	0.885524	-1.12927	0.716763	1.03966	1.03966	0.14967	0.847994	-1.17925
cg23417011	FAM172A;FAM172A;POU5F2;FAM172A;FAM172A	0.000320011	0.0249189	1.49324	1.49324	4.41E-05	3.19995	3.19995	0.0270442	1.48178	1.48178	0.194492	1.22899	1.22899	0.0770677	1.34357	1.34357
cg19870438	FAM172A;FAM172A;POU5F2;FAM172A;FAM172A	0.0053823	0.336863	0.872483	-1.14615	0.257488	0.849763	-1.1768	0.2798	1.16741	1.16741	0.271643	1.17076	1.17076	0.000472302	0.469244	-2.13109
cg24803912	FAM172A;FAM172A;POU5F2;FAM172A;FAM172A	0.00847857	0.394451	1.08735	1.08735	0.113715	0.847694	-1.17967	0.0639937	1.22125	1.22125	0.595453	1.0528	1.0528	0.156686	1.15656	1.15656
cg25342875	FAM172A;FAM172A;POU5F2;FAM172A;FAM172A	0.0250151	0.727301	0.916569	-1.09102	0.438156	0.821361	-1.21749	0.0201265	0.497779	-2.00892	0.518261	0.849609	-1.17701	0.000588341	0.266761	-3.74867
cg20416648	FAM172A;FAM172A;POU5F2;FAM172A;FAM172A	0.0414461	0.694351	0.93836	-1.06569	0.386969	1.15357	1.15357	0.967737	1.00654	1.00654	0.682043	0.935795	-1.06861	0.000906531	0.449539	-2.2245
cg03383713	FAM173A	0.00100269	0.00142495	0.781024	-1.28037	0.0245579	1.15423	1.15423	0.00752517	1.20227	1.20227	0.0142942	0.850607	-1.17563	0.0260222	1.15199	1.15199
cg03855706	FAM173A	0.0167092	0.0910027	1.19519	1.19519	0.366385	1.09294	1.09294	0.966335	1.00405	1.00405	0.0598887	1.22547	1.22547	0.0138039	1.33841	1.33841
cg09830866	FAM173A	0.0493468	0.788015	0.868708	-1.15113	0.604384	0.761122	-1.31385	0.0343151	3.63064	3.63064	0.213438	1.9822	1.9822	0.355965	0.609048	-1.64191
cg24792692	FAM173B	0.0114476	0.0272656	0.346823	-2.88332	0.464997	1.35176	1.35176	0.0522813	0.408724	-2.44664	0.541	0.778148	-1.2851	0.0032126	0.195918	-5.10418
cg09898988	FAM173B	0.0181143	0.33109	0.796842	-1.25495	0.00296333	0.397065	-2.51848	0.0285065	0.556925	-1.79558	0.348414	1.24435	1.24435	0.684975	0.911774	-1.09676
cg17315844	FAM173B;CCT5	0.0273492	0.0281431	0.0824496	-12.1286	0.0878613	0.163132	-6.12999	0.102316	0.178905	-5.58955	0.497335	0.515184	-1.94105	0.0215314	0.0701338	-14.2585
cg25774020	FAM174A	9.70E-05	0.000502294	0.287648	-3.47647	0.0147894	0.503147	-1.98749	0.0194674	0.523702	-1.90948	0.0345044	0.568558	-1.75883	3.15E-05	0.156048	-6.40827
cg05880810	FAM174A	0.000195828	0.0035536	0.427222	-2.34071	0.000393563	0.296568	-3.3719	8.47E-05	0.218501	-4.57664	0.0499418	0.617982	-1.61817	0.000263473	0.275092	-3.63515
cg21509130	FAM174A	0.00735192	0.407038	1.06388	1.06388	0.048659	0.848384	-1.17871	0.233445	0.912823	-1.0955	0.0044433	0.75796	-1.31933	0.191247	0.903907	-1.10631
cg21515785	FAM174A	0.0246425	0.0560212	0.563691	-1.77402	0.306207	1.32389	1.32389	0.010236	0.424308	-2.35678	0.0132133	0.443305	-2.25578	0.410755	0.800294	-1.24954
cg03975104	FAM174A	0.0496541	?	?	?	0.872326	0.933067	-1.07173	0.837384	1.09256	1.09256	?	?	?	?	?	?
cg18252731	FAM174B	0.00782931	0.107099	0.485293	-2.06061	0.158363	0.538041	-1.85859	0.00205516	5.95887	5.95887	0.452941	0.730322	-1.36926	0.193654	0.568173	-1.76003
cg26266934	FAM174B	0.0262996	0.43037	0.788135	-1.26882	0.531101	1.20643	1.20643	0.00950986	0.378441	-2.64242	0.118096	1.65192	1.65192	0.0186455	0.43019	-2.32456
cg14372792	FAM174B	0.0288521	0.916306	1.03405	1.03405	0.0576538	0.504749	-1.98118	0.01899	0.40471	-2.47091	0.0507685	0.492209	-2.03166	0.0078678	0.337549	-2.96253
cg07985164	FAM174B	0.0289294	0.376524	0.843188	-1.18598	0.028128	0.614237	-1.62804	0.559729	0.895071	-1.11723	0.0232803	1.66473	1.66473	0.419491	1.1677	1.1677
cg13784264	FAM174B	0.0348216	0.0309752	1.84269	1.84269	0.0415943	1.76288	1.76288	0.0591449	1.67228	1.67228	0.534575	1.1639	1.1639	0.132992	1.4787	1.4787
cg20561300	FAM174B	0.0402707	0.856296	1.04908	1.04908	0.670368	0.893004	-1.11982	0.00547609	0.380819	-2.62592	0.794643	1.07138	1.07138	0.140863	0.657946	-1.51988
cg03429689	FAM174B	0.0491161	0.421817	0.74292	-1.34604	0.0531216	2.21624	2.21624	0.695237	0.867115	-1.15325	0.575521	1.22737	1.22737	0.0113639	0.317383	-3.15077
cg27527290	FAM175A	0.00156175	0.174033	1.26125	1.26125	0.17495	0.793308	-1.26055	0.276113	0.833748	-1.1994	7.87E-05	0.317958	-3.14507	0.00217919	0.501537	-1.99387
cg27361865	FAM175A	0.00781869	0.954049	0.983032	-1.01726	0.0104328	2.60546	2.60546	0.0481235	1.95583	1.95583	0.160553	1.56075	1.56075	0.673055	0.88158	-1.13433
cg11718648	FAM175A	0.0146762	0.110472	0.80007	-1.24989	0.0481926	0.748591	-1.33584	0.00615689	1.58136	1.58136	0.172142	0.82996	-1.20488	0.577915	1.07475	1.07475
cg02782630	FAM175A	0.0274984	0.0808043	1.55309	1.55309	0.0173707	1.93212	1.93212	0.151052	0.704789	-1.41886	0.0144059	1.9853	1.9853	0.892463	1.03123	1.03123
cg20161774	FAM175B	0.000320679	1.67E-05	0.31002	-3.2256	0.0625343	0.757787	-1.31963	0.0160389	0.677053	-1.47699	0.00113331	0.530621	-1.88459	0.738391	1.04535	1.04535
cg03502562	FAM175B	0.00119677	0.00065714	0.300459	-3.32824	0.000567753	0.292307	-3.42106	0.000265659	0.251732	-3.97248	0.335237	0.795403	-1.25722	0.00204894	0.367588	-2.72044
cg14170117	FAM175B	0.0012908	0.00196283	0.669597	-1.49344	0.666301	0.961017	-1.04056	0.0126854	1.32833	1.32833	0.000207315	0.565945	-1.76696	0.00165571	0.661917	-1.51076
cg14219291	FAM175B	0.00182622	0.132673	1.42161	1.42161	0.000397539	3.39534	3.39534	0.539779	0.874069	-1.14407	0.045757	1.64305	1.64305	0.494295	1.16241	1.16241
cg17229421	FAM175B	0.0165223	0.473494	1.16811	1.16811	0.206671	0.752867	-1.32826	0.0348146	0.591957	-1.68931	0.374488	0.823419	-1.21445	0.00148446	0.376451	-2.65639
cg09245378	FAM175B	0.0196658	0.778418	0.960283	-1.04136	0.900084	0.982116	-1.01821	0.210957	0.827494	-1.20847	0.528608	0.912364	-1.09605	0.567883	1.08648	1.08648
cg12080566	FAM176A	0.0158312	0.626708	1.1393	1.1393	0.00652282	2.56139	2.56139	0.00899253	2.42022	2.42022	0.531534	0.844819	-1.18369	0.258656	0.730814	-1.36834
cg02181594	FAM176A	0.0202386	0.0265472	0.448516	-2.22957	0.0435682	0.492788	-2.02927	0.0261547	0.447242	-2.23593	0.316234	0.729066	-1.37162	0.00378241	0.303767	-3.29199
cg10134939	FAM176A	0.0385691	0.648019	0.939178	-1.06476	0.0129218	1.52394	1.52394	0.0189756	0.678542	-1.47375	0.136465	0.803298	-1.24487	0.191569	0.827989	-1.20775
cg02078517	FAM176A;FAM176A	0.000632647	0.537938	1.09583	1.09583	0.030024	1.45426	1.45426	0.00639752	0.594183	-1.68298	0.732963	1.05153	1.05153	0.126707	0.784748	-1.27429
cg16720807	FAM176A;FAM176A	0.00289272	0.000752263	0.436715	-2.28982	0.00700668	1.75981	1.75981	0.0254655	1.53788	1.53788	0.771343	0.953863	-1.04837	0.00279536	0.512805	-1.95006
cg16331051	FAM176A;FAM176A	0.00348675	0.0990002	0.620185	-1.61242	0.11361	1.57573	1.57573	0.023745	0.490192	-2.04002	0.0852951	0.605026	-1.65282	0.000430894	0.229679	-4.35391
cg10135640	FAM176A;FAM176A	0.00420828	0.119224	0.600371	-1.66564	0.173142	1.54865	1.54865	0.247061	1.44082	1.44082	0.698595	0.889219	-1.12458	?	?	?
cg06772824	FAM176A;FAM176A	0.0123273	0.75766	1.09636	1.09636	0.817534	0.933616	-1.0711	0.853144	1.05662	1.05662	0.912318	1.03328	1.03328	0.81162	0.931493	-1.07355
cg23857238	FAM176A;FAM176A	0.0195308	0.151416	1.22286	1.22286	0.0138118	1.48929	1.48929	0.0786488	0.774421	-1.29129	0.906498	0.984738	-1.0155	?	?	?
cg23257697	FAM176A;FAM176A	0.019985	0.596645	0.914363	-1.09366	0.0027647	0.500594	-1.99763	0.0428278	0.676541	-1.47811	0.188852	0.79188	-1.26282	0.0680144	1.40858	1.40858
cg03817939	FAM176A;FAM176A	0.0214519	0.200956	0.828269	-1.20734	0.441388	1.11574	1.11574	0.714838	0.950099	-1.05252	0.624086	0.933417	-1.07133	0.283287	0.855974	-1.16826
cg11453343	FAM176A;FAM176A	0.0221954	0.82402	0.956436	-1.04555	0.66208	1.09193	1.09193	0.159017	0.740052	-1.35126	0.0949427	0.692817	-1.44338	0.00437509	0.467109	-2.14083
cg27343917	FAM176A;FAM176A	0.0320561	0.309674	0.692889	-1.44323	0.0521848	0.462672	-2.16136	0.0232368	0.388007	-2.57727	0.0122606	0.33663	-2.97062	0.0449527	0.447955	-2.23237
cg16751938	FAM176A;FAM176A	0.0366726	0.00117329	0.668329	-1.49627	0.268201	0.907027	-1.1025	0.353247	0.922359	-1.08418	0.118283	0.866325	-1.1543	0.729372	1.02982	1.02982
cg22129183	FAM176A;FAM176A	0.0462903	0.414872	0.710812	-1.40684	0.145131	0.526864	-1.89802	0.0553839	0.410905	-2.43365	0.613419	0.811683	-1.23201	0.0121511	0.277998	-3.59715
cg03507534	FAM176B	0.0209958	0.0628886	0.46271	-2.16118	0.344761	0.698799	-1.43103	0.504596	0.779292	-1.28322	0.0242974	0.372041	-2.68787	0.0211439	0.360247	-2.77587
cg13500072	FAM176B	0.0259776	0.0501963	8.51429	8.51429	0.0768875	6.60099	6.60099	0.0349749	10.5605	10.5605	0.210237	3.5487	3.5487	0.0336561	10.8057	10.8057
cg07602984	FAM176B	0.0354482	0.040538	0.390762	-2.5591	0.0621182	0.434161	-2.30329	0.354736	0.685085	-1.45967	0.546965	1.27397	1.27397	0.358637	0.6873	-1.45497
cg08452766	FAM176B;FAM176B	0.0221228	0.0227679	0.486596	-2.05509	0.0191332	0.472685	-2.11557	0.113935	0.634775	-1.57536	0.00597167	0.3868	-2.58531	0.204217	0.701808	-1.42489
cg21029451	FAM177A1;FAM177A1	0.00319336	0.897465	1.05043	1.05043	0.0770503	2.11766	2.11766	0.703876	0.86438	-1.1569	0.00220732	0.194488	-5.1417	0.00137038	0.169925	-5.88495
cg16430955	FAM177A1;FAM177A1	0.0107101	0.0416869	0.594608	-1.68178	0.00448108	0.432117	-2.31419	0.882093	0.967675	-1.03341	0.00255984	0.396062	-2.52486	?	?	?
cg16230307	FAM177A1;FAM177A1	0.012087	0.190469	0.738375	-1.35433	0.506203	0.862814	-1.159	0.146832	0.711316	-1.40584	0.632686	1.11109	1.11109	0.0203083	1.8442	1.8442
cg24666355	FAM177B	0.0142176	0.0477972	0.597214	-1.67444	0.169314	0.716397	-1.39587	0.0845271	0.647513	-1.54437	0.643498	0.899281	-1.112	0.000415396	0.279244	-3.58109
cg17868112	FAM177B	0.0276549	0.611095	1.14569	1.14569	0.876927	0.959732	-1.04196	0.796004	0.933599	-1.07112	0.477402	1.21117	1.21117	0.00257348	0.330078	-3.02959
cg18665384	FAM177B	0.0355076	0.360069	0.604984	-1.65294	0.00756834	6.26456	6.26456	0.463393	0.67124	-1.48978	0.224907	1.97543	1.97543	0.394696	0.627765	-1.59295
cg14958956	FAM178A	0.0296881	0.0984499	1.59426	1.59426	0.00891961	0.424734	-2.35442	0.0507337	0.56388	-1.77343	0.2647	1.34876	1.34876	0.818828	1.06083	1.06083
cg09699593	FAM178A;FAM178A	9.78E-06	0.116373	1.23135	1.23135	0.28241	0.872637	-1.14595	0.00496028	0.635257	-1.57416	0.0856373	1.26077	1.26077	1.18E-07	0.126863	-7.88255
cg24463634	FAM178A;FAM178A	0.0285838	0.326736	0.652314	-1.533	0.0360206	2.79851	2.79851	0.00407407	5.08789	5.08789	0.315541	0.645392	-1.54945	0.244228	1.67208	1.67208
cg24063120	FAM178A;FAM178A;FAM178A	0.0115574	0.056833	0.776102	-1.28849	0.228038	1.16042	1.16042	0.0148973	1.42211	1.42211	0.0534121	0.77259	-1.29435	0.00240391	1.64418	1.64418
cg13810664	FAM178B	5.57E-05	0.795972	0.957269	-1.04464	0.654612	1.07885	1.07885	0.000167618	0.339668	-2.94405	0.000191285	0.34673	-2.88408	0.0050073	0.534784	-1.86991
cg14187813	FAM178B	0.0087508	0.284591	0.682732	-1.4647	0.00339211	0.254703	-3.92613	0.000592156	0.161793	-6.18074	0.726847	1.12796	1.12796	0.00747548	0.306532	-3.2623
cg07994485	FAM178B	0.0270176	0.029533	1.30603	1.30603	0.566265	1.06227	1.06227	0.535555	0.936723	-1.06755	0.514149	1.07136	1.07136	0.203243	0.869419	-1.15019
cg13231501	FAM178B	0.0384964	0.090046	0.450565	-2.21943	0.0587885	0.402196	-2.48635	0.0544487	0.394101	-2.53742	0.156224	0.523486	-1.91027	0.0321883	0.342814	-2.91703
cg15600915	FAM178B	0.0479383	0.11324	0.489063	-2.04473	0.0375927	0.367502	-2.72107	0.0593778	0.413459	-2.41862	0.967489	1.01706	1.01706	0.024885	0.330252	-3.02799
cg19828537	FAM178B;FAM178B	6.78E-05	0.000429083	0.309068	-3.23553	0.00751955	0.484436	-2.06426	0.308668	0.800919	-1.24857	0.00220458	0.40489	-2.46981	1.65E-06	0.0792536	-12.6177
cg02687352	FAM178B;FAM178B	0.00692913	0.0992083	0.63631	-1.57156	0.00838988	0.430729	-2.32164	0.0236544	0.508777	-1.9655	0.624476	1.13134	1.13134	0.000202635	0.210397	-4.75292
cg26685264	FAM178B;FAM178B	0.0196309	0.00158004	0.326628	-3.06159	0.00548093	0.406276	-2.46138	0.787876	0.93565	-1.06878	0.642775	1.1221	1.1221	0.410155	0.812426	-1.23088
cg02304481	FAM178B;FAM178B	0.0348837	0.160354	0.791273	-1.26379	0.22956	0.821359	-1.21749	0.503084	1.11191	1.11191	0.8934	1.02115	1.02115	0.490121	0.896349	-1.11564
cg14659978	FAM178B;FAM178B	0.0391721	0.716846	0.922749	-1.08372	0.153376	1.40139	1.40139	0.143247	0.706638	-1.41515	0.854427	1.04137	1.04137	0.00181547	0.375812	-2.66091
cg04623131	FAM178B;FAM178B	0.0441953	0.0332835	0.278115	-3.59563	0.0228614	0.246446	-4.05768	0.0372865	0.288414	-3.46724	0.39344	0.637859	-1.56774	0.0133605	0.206757	-4.83659
cg22122013	FAM178B;FAM178B	0.0488784	0.0657246	0.68306	-1.464	0.236614	0.795422	-1.25719	0.0201267	0.596047	-1.67772	0.766091	0.946423	-1.05661	0.604829	0.908144	-1.10115
cg13394864	FAM178B;FAM178B;FAM178B	0.0397998	0.784122	0.969587	-1.03137	0.633661	0.947433	-1.05548	0.0346783	0.758095	-1.3191	0.4646	1.08731	1.08731	0.243112	0.871645	-1.14726
cg02182081	FAM179A	0.00423102	0.456511	0.885973	-1.1287	0.343974	0.855873	-1.1684	0.0012193	0.469711	-2.12897	0.221763	0.814622	-1.22756	0.623757	0.924103	-1.08213
cg14192174	FAM179A	0.00606064	0.271562	1.21598	1.21598	0.245054	1.23091	1.23091	0.78416	1.04803	1.04803	0.00208289	2.09645	2.09645	0.00717538	0.552642	-1.80949
cg05707236	FAM179A	0.0232827	0.265174	0.769474	-1.29959	0.0949889	0.660974	-1.51292	0.0139413	0.503903	-1.98451	0.091602	0.657576	-1.52074	0.000815833	0.320203	-3.12302
cg11311289	FAM179A	0.027663	0.227688	0.757179	-1.32069	0.349258	0.809242	-1.23572	0.0307486	0.572719	-1.74606	0.045175	1.65664	1.65664	0.0173271	0.529074	-1.8901
cg25139410	FAM179A	0.0390635	0.467287	1.22065	1.22065	0.818148	1.06405	1.06405	0.367304	1.28356	1.28356	0.0137322	2.27343	2.27343	0.0186795	0.463756	-2.15631
cg23167594	FAM179A;FAM179A	0.0441152	0.719655	0.886348	-1.12823	0.115622	0.564096	-1.77275	0.54805	0.815897	-1.22564	0.16668	1.63815	1.63815	0.0150034	0.367552	-2.72071
cg01974100	FAM179B;KLHL28;KLHL28	0.00754007	0.362605	0.883928	-1.13131	0.00358533	0.580264	-1.72335	0.723175	0.954347	-1.04784	0.00639448	0.614943	-1.62617	0.281933	1.15915	1.15915
cg04626931	FAM180A	0.000346477	0.280137	0.857447	-1.16625	8.01E-05	0.376966	-2.65276	0.000353647	0.455648	-2.19468	0.120734	1.25926	1.25926	0.017376	0.67248	-1.48703
cg23621013	FAM180A;FAM180A	0.00572182	0.00112913	0.34689	-2.88276	0.0261316	0.558176	-1.79155	0.0609803	0.627155	-1.5945	0.811565	0.9486	-1.05418	0.00122059	0.351506	-2.8449
cg23845609	FAM180B	8.86E-05	6.51E-05	0.157586	-6.34573	0.00046023	0.249249	-4.01205	0.0373002	0.543885	-1.83863	0.602745	1.14145	1.14145	3.60E-05	0.134386	-7.44128
cg02793102	FAM180B	0.0141565	0.380145	0.778059	-1.28525	0.55492	1.18113	1.18113	0.310151	1.3401	1.3401	0.990314	1.00339	1.00339	0.00887459	0.3952	-2.53037
cg18857951	FAM181A	0.0238199	0.0205052	0.637216	-1.56933	0.46515	1.12749	1.12749	0.924803	0.984876	-1.01536	0.797572	0.959357	-1.04236	0.0469567	0.692741	-1.44354
cg03219493	FAM181A;C14orf86	0.00258637	0.000394528	0.129633	-7.71409	0.00319185	0.232855	-4.29451	0.04293	0.43029	-2.32401	0.979098	1.00953	1.00953	0.000569137	0.144858	-6.90329
cg12173661	FAM181A;C14orf86	0.0132275	0.0482083	0.30959	-3.23008	0.000213368	0.0402755	-24.829	0.0841597	0.370716	-2.69749	0.869955	1.08882	1.08882	0.104743	0.398198	-2.51132
cg16736080	FAM181A;C14orf86	0.0311297	0.353079	0.662636	-1.50912	0.000575512	0.100781	-9.92246	0.0331811	0.342196	-2.92231	0.660346	1.2098	1.2098	0.549107	0.770221	-1.29833
cg24013741	FAM181A;C14orf86	0.0376762	0.0219934	0.337948	-2.95904	0.00170218	0.170411	-5.86818	0.098855	0.48941	-2.04328	0.514503	1.29824	1.29824	0.23403	0.611024	-1.6366
cg18596947	FAM181A;C14orf86	0.0424664	0.0711099	0.356228	-2.80719	0.00103819	0.083182	-12.0218	0.0849101	0.377031	-2.6523	0.716022	1.20569	1.20569	0.28965	0.569668	-1.75541
cg14484649	FAM181B	0.0022398	0.00415512	0.58428	-1.71151	0.000766121	0.490234	-2.03984	0.0149495	0.657995	-1.51977	0.194683	1.21153	1.21153	0.343206	0.872332	-1.14635
cg10010533	FAM181B	0.00273542	0.0631236	0.504022	-1.98404	0.00966313	0.341869	-2.9251	0.102657	0.556917	-1.7956	0.273955	1.45229	1.45229	0.0214294	0.404176	-2.47417
cg13820145	FAM182A	0.0254882	0.92157	1.02352	1.02352	0.189917	0.720599	-1.38773	0.0505681	0.59105	-1.6919	0.0381747	0.567185	-1.76309	0.00170697	0.347434	-2.87824
cg26612129	FAM182B;FAM182B	0.00975182	0.955255	0.991594	-1.00848	0.699124	1.06017	1.06017	0.000873671	0.471886	-2.11916	0.984702	1.00289	1.00289	0.00970538	0.611283	-1.6359
cg24451411	FAM183A	1.01E-05	0.0768173	0.695465	-1.43789	4.43E-05	0.239709	-4.17173	0.428321	0.861367	-1.16095	0.708405	0.933013	-1.0718	1.24E-06	0.0996121	-10.0389
cg19820058	FAM183A	9.03E-05	0.644814	1.08678	1.08678	0.572744	0.902871	-1.10758	0.000150299	0.311333	-3.212	9.80E-06	0.181867	-5.49853	0.136569	0.750109	-1.33314
cg07138491	FAM183A	0.0196547	0.0872136	0.594756	-1.68136	0.0794135	0.585229	-1.70873	0.964589	1.01229	1.01229	0.105061	0.61426	-1.62797	0.0257882	0.482659	-2.07186
cg12059147	FAM183A	0.0375707	0.839901	0.965556	-1.03567	0.00910625	1.77567	1.77567	0.0428579	1.49764	1.49764	0.59265	0.910665	-1.0981	0.665745	1.07822	1.07822
cg03517998	FAM183B	0.000604599	0.625368	1.11811	1.11811	0.000310213	0.265096	-3.77221	0.000447805	0.284722	-3.5122	0.0859368	0.65015	-1.53811	0.00163374	0.359267	-2.78345
cg00729291	FAM183B	0.0303413	0.160788	1.18533	1.18533	0.171129	1.17985	1.17985	0.0220281	0.732199	-1.36575	0.575753	0.937849	-1.06627	0.0111578	0.696974	-1.43477
cg01022087	FAM183B	0.0369133	0.711215	0.919596	-1.08743	0.0399525	0.585554	-1.70778	0.00964458	0.477886	-2.09255	0.249842	0.762563	-1.31137	0.388796	1.22028	1.22028

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12274443	?	?	?	0.00680085	3.49564	3.49564	0.115739	0.552844	-1.80883	0.778496	0.907981	-1.10134	4.64704	6.56164	1.412	1
cg08224307	0.00119808	4.24433	4.24433	0.017236	2.41986	2.41986	0.000137472	7.44859	7.44859	0.207824	1.49853	1.49853	13.8322	20.3201	1.30582	1
cg01418147	0.0297012	0.800581	-1.24909	0.00420236	0.716605	-1.39547	0.197735	0.888402	-1.12562	0.000968019	1.53248	1.53248	8.56892	1.02519	0.106347	1
cg22900206	0.179171	0.706691	-1.41504	0.378789	0.802775	-1.24568	0.0257087	0.524895	-1.90514	0.0528092	1.70832	1.70832	5.02508	4.71065	0.833269	1
cg02262037	0.557077	0.911545	-1.09704	4.98E-07	0.111514	-8.96752	0.0231183	1.5274	1.5274	2.73E-05	0.275155	-3.63431	52.3179	20.1524	0.342392	1
cg26398085	0.158772	1.15494	1.15494	0.0156717	1.32748	1.32748	0.0125135	1.34594	1.34594	0.08735	1.19781	1.19781	27.4907	3.98173	0.128746	1
cg19023046	3.44E-05	0.0963943	-10.3741	0.954183	1.01509	1.01509	?	?	?	0.000558126	0.222719	-4.48997	28.1794	26.385	0.81928	1
cg25358565	0.0210494	0.396812	-2.52008	0.0162087	0.375509	-2.66305	0.866204	0.945384	-1.05777	0.258392	0.675177	-1.48109	15.9526	28.0284	1.56176	1
cg01221780	0.238666	0.850875	-1.17526	0.00628872	0.627662	-1.59322	0.0344883	0.724212	-1.38081	0.000202413	0.442373	-2.26054	11.2931	3.06257	0.241058	1
cg04823152	0.0122952	0.688393	-1.45266	0.754655	0.963154	-1.03826	0.303262	1.13621	1.13621	0.060235	0.775842	-1.28892	8.02413	1.82255	0.201897	1
cg17253517	0.00227124	0.356905	-2.80187	0.00044223	0.262199	-3.8139	0.0010495	0.310361	-3.22205	0.0608466	0.60055	-1.66514	7.87489	7.26247	0.819761	1
cg04085542	0.0651475	0.368828	-2.71129	0.00626016	0.179781	-5.56231	0.255201	0.564272	-1.7722	0.354853	0.632237	-1.58169	5.10564	18.7632	3.26666	1
cg18651011	0.602259	1.20663	1.20663	0.253404	1.53127	1.53127	0.527644	0.795646	-1.25684	0.0444944	0.438545	-2.28027	4.80633	9.71377	1.79648	1
cg04293725	0.854488	0.949397	-1.0533	0.000661362	0.205214	-4.87297	0.339062	0.7558	-1.3231	0.221625	0.693424	-1.44212	5.03685	6.24608	0.964504	1
cg19850855	0.0559429	0.334002	-2.99399	0.011726	0.202989	-4.92638	0.973984	1.01665	1.01665	0.0689067	0.356668	-2.80373	4.12454	14.8928	3.61077	1
cg17809345	0.439346	1.32868	1.32868	0.0147418	2.94897	2.94897	0.246518	1.54753	1.54753	0.681311	1.16043	1.16043	3.69328	6.75066	1.82782	1
cg17398066	0.00257949	0.274964	-3.63684	0.109145	1.71584	1.71584	0.390812	1.31225	1.31225	0.635924	1.15879	1.15879	5.23708	7.92193	1.34459	1
cg06401019	0.309962	1.15084	1.15084	0.0221295	0.692893	-1.44322	0.0850949	0.775233	-1.28993	0.067039	1.31589	1.31589	5.23748	1.48335	0.25175	1
cg20474306	0.000969845	0.592077	-1.68897	9.10E-07	0.249435	-4.00906	0.0671134	1.24489	1.24489	0.000507739	0.560007	-1.78569	25.927	4.67863	0.160404	1
cg23417011	0.328505	0.859407	-1.16359	4.43E-05	3.19774	3.19774	0.00229353	1.89715	1.89715	0.00151049	1.98704	1.98704	16.1617	5.77684	0.317724	1
cg19870438	0.695574	1.05567	1.05567	0.0187783	1.48031	1.48031	0.0860384	1.29866	1.29866	0.0184852	0.674608	-1.48234	7.17502	2.15672	0.267189	1
cg24803912	0.0407476	1.25458	1.25458	0.000591855	1.66426	1.66426	0.693982	0.962744	-1.0387	0.030656	0.78364	-1.2761	6.22899	0.909443	0.129779	1
cg25342875	0.892953	1.03407	1.03407	0.442279	1.21526	1.21526	0.293503	0.762496	-1.31148	0.394692	0.804986	-1.24226	4.35632	4.27232	0.87175	1
cg20416648	0.629215	1.08153	1.08153	0.252285	0.824771	-1.21246	0.262554	1.20706	1.20706	0.893322	0.978617	-1.02185	3.63516	1.49413	0.365354	1
cg03383713	0.00294399	0.803564	-1.24446	0.0124811	1.18114	1.18114	0.275444	1.06265	1.06265	0.0327854	1.14312	1.14312	11.7576	0.534162	0.0403834	1
cg03855706	0.182454	1.14512	1.14512	0.00398451	0.690234	-1.44878	0.681558	0.961256	-1.04031	0.0944156	0.838547	-1.19254	4.99822	0.726097	0.12913	1
cg09830866	0.0266977	0.253791	-3.94025	0.0448666	0.300483	-3.32798	0.0484918	0.30815	-3.24517	0.437505	1.51227	1.51227	3.4051	14.7083	3.83955	1
cg24792692	0.00728105	0.245861	-4.06734	0.00609387	0.234268	-4.26861	0.449175	1.36697	1.36697	0.0406683	0.383681	-2.60633	5.65921	14.7256	2.31294	1
cg09898988	0.0112644	0.487273	-2.05224	0.293326	1.28	1.28	0.0385711	0.581204	-1.72057	0.0446608	0.593316	-1.68544	4.86475	3.95123	0.72197	1
cg17315844	0.0431637	0.106545	-9.38574	0.00400988	0.0241953	-41.3303	0.0101112	0.044009	-22.7227	0.046663	0.111626	-8.95846	4.22257	61.9585	13.0428	1
cg25774020	9.55E-05	0.203781	-4.90722	1.06E-05	0.115893	-8.62864	0.907766	0.973807	-1.0269	0.00988039	0.473979	-2.1098	22.3236	18.5431	0.738356	1
cg05880810	0.000478346	0.307276	-3.25441	0.000203211	0.261591	-3.82276	0.428825	1.18991	1.18991	0.000825962	0.338163	-2.95715	18.4765	13.5605	0.652388	1
cg21509130	0.622986	1.03684	1.03684	0.000430265	0.665825	-1.5019	0.0137192	0.800514	-1.2492	0.715128	0.973592	-1.02712	6.51455	0.550022	0.0750487	1
cg21515785	0.668201	0.89208	-1.12098	0.371165	1.27532	1.27532	0.983554	1.00547	1.00547	0.00583452	0.384408	-2.6014	4.3791	4.86486	0.987491	1
cg03975104	0.750431	0.87157	-1.14735	0.00178833	0.147399	-6.78432	0.699958	0.846363	-1.18153	0.739087	0.865902	-1.15487	3.59047	7.03433	2.61223	1
cg18252731	0.79826	1.11102	1.11102	0.25036	1.6384	1.6384	0.00142973	0.150213	-6.65722	0.860002	1.07526	1.07526	6.38732	17.0911	2.37848	1
cg26266934	0.753318	1.09774	1.09774	0.853296	1.05628	1.05628	0.0315073	2.10866	2.10866	0.100893	1.70142	1.70142	4.2809	5.93213	1.23175	1
cg14372792	0.0278135	0.436867	-2.28903	0.0248385	0.427117	-2.34128	0.732464	1.11549	1.11549	0.0345922	0.456219	-2.19193	4.14372	6.65739	1.42811	1
cg07985164	0.48501	1.14267	1.14267	0.00364185	2.0945	2.0945	0.484575	1.14282	1.14282	0.686524	0.926579	-1.07924	4.1398	2.31621	0.497331	1
cg13784264	0.709079	0.913527	-1.09466	0.182255	0.710611	-1.40724	0.0212686	1.95054	1.95054	0.0109356	2.1614	2.1614	3.87429	3.57336	0.819845	1
cg20561300	0.698115	1.10851	1.10851	0.0136607	2.23932	2.23932	0.584849	1.15698	1.15698	0.141412	0.658382	-1.51887	3.67399	4.06482	0.983445	1
cg03429689	0.899114	1.04701	1.04701	0.907562	1.04296	1.04296	0.0302465	2.51594	2.51594	0.073765	2.05821	2.05821	3.41115	7.0856	1.84639	1
cg27527290	0.920457	0.984097	-1.01616	0.0309214	1.50183	1.50183	0.189838	1.24966	1.24966	0.46676	0.887934	-1.12621	10.3585	4.22592	0.362638	1
cg27361865	0.457557	1.2519	1.2519	0.000674653	0.213548	-4.6828	0.147869	1.58575	1.58575	0.172515	1.53907	1.53907	6.39004	8.92566	1.24161	1
cg11718648	0.219781	0.847491	-1.17995	0.00263124	0.586293	-1.70563	0.988048	0.998081	-1.00192	0.484075	0.912838	-1.09549	5.21818	1.35918	0.231529	1
cg02782630	0.133267	1.4452	1.4452	0.770718	0.935715	-1.0687	0.0616664	1.61376	1.61376	0.00911579	2.12385	2.12385	4.21451	3.45073	0.7278	1
cg20161774	0.00466202	0.607834	-1.64519	0.135601	1.23717	1.23717	0.409217	1.11816	1.11816	0.0254709	1.42096	1.42096	16.1525	4.479	0.246484	1
cg03502562	0.0374836	0.573453	-1.74382	0.0244734	0.539346	-1.8541	0.576746	1.1387	1.1387	0.0224777	0.532744	-1.87707	11.1804	9.39583	0.747009	1
cg14170117	0.0316254	0.793778	-1.2598	0.919747	0.990806	-1.00928	0.345351	0.914776	-1.09316	0.372006	1.08763	1.08763	10.9413	1.45562	0.118257	1
cg14219291	0.414515	1.19824	1.19824	0.000314523	0.281906	-3.54728	0.166266	1.37721	1.37721	0.811622	1.05313	1.05313	9.90015	7.37148	0.661851	1
cg17229421	0.995026	0.998672	-1.00133	0.0208721	1.80871	1.80871	0.428908	1.18782	1.18782	0.20177	0.750287	-1.33282	5.01702	3.60965	0.639538	1
cg09245378	0.130919	0.79111	-1.26405	0.000421056	0.448014	-2.23207	0.862098	1.02529	1.02529	0.145654	1.25163	1.25163	4.73156	1.54667	0.290564	1
cg12080566	0.00764171	2.49043	2.49043	0.01388	2.24539	2.24539	0.0952606	1.6286	1.6286	0.299265	1.33143	1.33143	5.0889	5.7063	0.996732	1
cg02181594	0.0092412	0.365121	-2.73882	0.016738	0.410425	-2.4365	0.126314	0.603876	-1.65597	0.0206214	0.427315	-2.34019	4.68563	6.90151	1.30925	1
cg10134939	0.894487	0.982047	-1.01828	0.15468	1.23117	1.23117	0.878369	0.979309	-1.02113	0.055663	0.743757	-1.34453	3.73276	1.10189	0.262394	1
cg02078517	0.150177	0.797457	-1.25399	1.41E-05	0.264912	-3.77484	0.336925	0.864789	-1.15635	0.0153756	0.646337	-1.54718	13.3845	4.56387	0.303095	1
cg16720807	0.731724	1.05737	1.05737	0.778781	0.955378	-1.04671	0.435623	0.879038	-1.13761	0.0533912	0.700694	-1.42716	8.6511	3.59994	0.369889	1
cg16331051	0.488419	1.20432	1.20432	0.00165375	0.304414	-3.285	0.261979	1.362	1.362	0.0606072	0.571899	-1.74856	8.18309	9.04204	0.982192	1
cg10135640	?	?	?	0.0155505	0.408469	-2.44816	0.000954985	0.226443	-4.41611	0.00304028	0.293685	-3.40501	8.11317	9.09968	1.28182	1
cg06772824	0.608381	0.857609	-1.16603	0.000133987	0.139883	-7.14881	0.660518	1.14038	1.14038	0.526502	0.826343	-1.21015	5.52499	7.73033	1.2437	1
cg23857238	0.184654	0.831805	-1.20221	0.0100152	1.53041	1.53041	0.164181	1.21444	1.21444	0.0937435	0.785661	-1.27281	4.82908	1.16464	0.241173	1
cg23257697	0.384117	0.861064	-1.16135	0.280384	1.20694	1.20694	0.0146922	0.604442	-1.65442	0.180191	0.787761	-1.26942	4.70576	2.09405	0.395553	1
cg03817939	0.250706	0.845836	-1.18226	0.00135824	0.522677	-1.91323	0.00936838	0.631515	-1.58349	0.0150475	0.659117	-1.51718	4.59348	1.41575	0.273963	1
cg11453343	0.0975245	0.695163	-1.43851	0.0170577	1.78892	1.78892	0.891415	1.02769	1.02769	0.100058	1.43386	1.43386	4.54014	2.87588	0.563053	1
cg27343917	0.168795	0.599481	-1.66811	0.00322106	0.245905	-4.06661	0.479298	0.778035	-1.28529	0.0487829	0.455963	-2.19316	3.99137	7.69895	1.71457	1
cg16751938	0.863995	1.01461	1.01461	0.0748618	0.845463	-1.18278	0.850714	0.984184	-1.01607	0.241379	1.10934	1.10934	3.80215	0.431121	0.10079	1
cg22129183	0.483428	0.746993	-1.3387	0.00214842	0.171148	-5.8429	0.484184	0.747381	-1.33801	0.149878	0.531382	-1.88189	3.48833	9.2674	2.3615	1
cg03507534	0.201429	0.60845	-1.64352	0.00581192	0.264373	-3.78253	0.00234524	0.209328	-4.77719	0.0402572	0.41782	-2.39337	4.62735	9.93999	1.90942	1
cg13500072	0.0324991	11.0341	11.0341	0.00414245	39.9429	39.9429	0.0074132	27.3563	27.3563	0.0465557	8.9048	8.9048	4.29937	62.6614	12.9552	1
cg07602984	0.836091	1.08578	1.08578	0.0149871	0.304796	-3.28088	0.00644988	0.244822	-4.0846	0.0199302	0.327546	-3.05301	3.84935	9.62124	2.22173	1
cg08452766	0.819126	1.0624	1.0624	0.223017	0.712921	-1.40268	0.00737607	0.401532	-2.49046	0.0124222	0.439437	-2.27564	4.54525	5.0277	0.98324	1
cg21029451	0.000476864	0.123316	-8.10926	0.448419	0.74465	-1.34291	0.410516	0.725284	-1.37877	0.965065	0.983423	-1.01686	8.40065	19.3789	2.05052	1
cg16430955	0.00461344	0.434036	-2.30396	0.0225641	0.546228	-1.83074	0.30738	0.791406	-1.26357	0.236945	0.760075	-1.31566	5.89675	4.06937	0.690103	1
cg16230307	0.00185793	0.380528	-2.62792	0.00605877	0.456509	-2.19054	0.11059	0.683615	-1.46281	0.716402	0.92329	-1.08308	5.56045	4.21474	0.673765	1
cg24666355	0.300748	1.27666	1.27666	0.228387	1.33371	1.33371	0.645794	0.899951	-1.11117	0.253532	0.762145	-1.31209	5.27306	4.33307	0.730432	1
cg17868112	0.0268122	0.498748	-2.00502	0.0558376	1.77638	1.77638	0.167005	1.47803	1.47803	0.526255	0.843408	-1.18567	4.2061	4.68551	0.990204	1
cg18665384	0.10587	0.389321	-2.56858	0.015321	0.203966	-4.90279	0.297342	1.78075	1.78075	0.37771	0.616678	-1.62159	3.84702	17.3796	4.01573	1
cg14958956	0.683012	1.11146	1.11146	0.660958	1.12029	1.12029	0.624358	1.13544	1.13544	0.0110473	2.27123	2.27123	4.10202	4.3034	0.932526	1
cg09699593	0.17603	1.1918	1.1918	0.0206688	1.40477	1.40477	0.253474	0.864625	-1.15657	0.0130554	0.686895	-1.45583	40.8038	9.61344	0.209424	1
cg24463634	0.0461491	0.381321	-2.62246	0.535167	0.767206	-1.30343	0.337346	1.51797	1.51797	0.181928	1.81823	1.81823	4.15741	11.7238	2.50664	1
cg24063120	0.926744	0.989244	-1.01087	0.0643587	0.78319	-1.27683	0.306067	1.13271	1.13271	0.870298	0.980968	-1.0194	5.64177	1.23557	0.194671	1
cg13810664	0.000765149	0.42353	-2.36111	0.00248145	0.49223	-2.03157	1.87E-06	0.135912	-7.35771	0.0173905	0.613803	-1.62919	25.8708	11.6388	0.399893	1
cg14187813	0.0421517	0.447618	-2.23405	0.711364	0.880194	-1.13611	0.111404	0.551359	-1.8137	0.276133	0.677761	-1.47545	6.16702	11.5145	1.65965	1
cg07994485	0.028251	1.3098	1.3098	0.00184787	1.58497	1.58497	0.650874	0.953643	-1.04861	0.867714	0.982782	-1.01752	4.24069	0.729052	0.152816	1
cg13231501	0.0679136	0.417901	-2.39291	0.00598238	0.215854	-4.63276	0.00872634	0.240302	-4.16142	0.10032	0.463837	-2.15593	3.73535	10.772	2.56339	1
cg15600915	0.274315	0.623734	-1.60325	0.00598505	0.225178	-4.44094	0.711747	1.16651	1.16651	0.0585875	0.412033	-2.42699	3.44264	9.38941	2.42434	1
cg19828537	0.000135644	0.248615	-4.02228	0.00577276	0.466692	-2.14274	0.619458	0.899891	-1.11125	0.00264302	0.416215	-2.4026	24.5524	17.2623	0.624959	1
cg02687352	0.0980703	0.635153	-1.57442	0.134596	0.667972	-1.49707	0.367861	0.793454	-1.26031	0.0371976	0.54607	-1.83127	6.63614	6.57551	0.880769	1
cg26685264	0.454575	1.20667	1.20667	0.0209134	0.503877	-1.98461	0.746055	0.922987	-1.08344	0.396707	0.807315	-1.23867	4.73441	4.5609	0.856312	1
cg02304481	0.394369	1.14588	1.14588	0.00143983	2.05256	2.05256	0.269125	0.835565	-1.1968	0.26347	0.833631	-1.19957	3.87179	1.49413	0.343023	1
cg14659978	0.118722	0.688095	-1.45329	0.0901161	0.662119	-1.5103	0.471474	0.850708	-1.17549	0.107532	0.678608	-1.47361	3.71158	2.86424	0.685958	1
cg04623131	0.0455853	0.307545	-3.25156	0.0172277	0.224783	-4.44873	0.0694626	0.351874	-2.84193	0.110751	0.409095	-2.44442	3.54939	14.8721	3.72448	1
cg22122013	0.494617	0.879843	-1.13657	0.00867215	1.85432	1.85432	0.232946	0.793854	-1.25968	0.296811	0.819014	-1.22098	3.41744	1.84394	0.479617	1
cg13394864	0.84137	1.02279	1.02279	0.00252641	1.60247	1.60247	0.403293	0.908292	-1.10097	0.254928	0.874866	-1.14303	3.68995	0.739223	0.178075	1
cg02182081	0.0581204	1.40763	1.40763	0.000696082	2.28405	2.28405	0.232965	1.221	1.221	0.906469	0.98141	-1.01894	7.72051	3.11664	0.358829	1
cg14192174	0.679135	1.07365	1.07365	0.159627	0.773559	-1.29273	0.200781	0.793847	-1.25969	0.00323795	1.98605	1.98605	6.91765	3.19818	0.410953	1
cg05707236	0.322089	0.793873	-1.25965	0.499841	1.16715	1.16715	0.198644	0.735986	-1.35872	0.165033	0.715903	-1.39684	4.466	3.60201	0.716925	1
cg11311289	0.351521	0.810091	-1.23443	0.0135545	0.51115	-1.95637	0.0312999	0.574115	-1.74181	0.722269	1.08155	1.08155	4.20567	3.21382	0.679257	1
cg25139410	0.488161	0.827087	-1.20906	0.212132	0.701682	-1.42515	0.997308	1.00091	1.00091	0.0214871	2.10548	2.10548	3.71536	4.27563	1.02293	1
cg23167594	0.401633	0.750251	-1.33289	0.0913918	0.536714	-1.86319	0.193536	0.63095	-1.58491	0.00433497	0.279094	-3.58302	3.5518	6.3031	1.57744	1
cg01974100	0.0591724	0.751929	-1.32991	0.000586618	0.472243	-2.11755	0.0965041	0.784185	-1.27521	0.90522	0.98448	-1.01576	7.40791	1.98013	0.207899	1
cg04626931	0.156681	1.23063	1.23063	0.00197503	1.82002	1.82002	0.428356	1.11713	1.11713	0.061989	1.3336	1.3336	15.8131	4.69977	0.264184	1
cg23621013	0.0200542	0.538014	-1.85869	0.00282119	0.402983	-2.4815	0.0567394	0.620978	-1.61036	0.144381	0.707213	-1.414	7.04145	5.4437	0.687195	1
cg23845609	0.000366605	0.237411	-4.2121	3.72E-05	0.135628	-7.37311	0.238095	0.732446	-1.36529	0.00110616	0.297774	-3.35826	22.871	22.9961	0.89375	1
cg02793102	0.301936	0.742216	-1.34732	0.000648877	0.232709	-4.29722	0.292929	1.35546	1.35546	0.212778	0.693648	-1.44165	5.28054	6.49855	1.09392	1
cg18857951	0.313982	1.18306	1.18306	0.00281524	1.94315	1.94315	0.56729	1.09784	1.09784	0.20651	0.806475	-1.23996	4.43093	1.82875	0.366865	1
cg03219493	0.123302	0.546474	-1.82991	0.0916518	0.510548	-1.95868	0.026662	0.386458	-2.58761	0.00473448	0.25715	-3.88878	8.94214	18.556	1.84455	1
cg12173661	0.20906	0.502755	-1.98904	0.134472	0.432531	-2.31197	0.185364	0.482207	-2.0738	0.174529	0.472343	-2.11711	5.39944	23.0638	3.79691	1
cg16736080	0.723698	0.858239	-1.16518	0.441639	0.713258	-1.40202	0.739339	0.86605	-1.15467	0.328528	0.647691	-1.54395	4.03342	11.8491	2.61131	1
cg24013741	0.416338	0.720349	-1.38822	0.985979	0.993085	-1.00696	0.13797	0.532212	-1.87895	0.103864	0.495479	-2.01825	3.7649	9.29712	2.19504	1
cg18596947	0.304429	0.580117	-1.72379	0.107435	0.406752	-2.4585	0.378853	0.629874	-1.58762	0.321255	0.591754	-1.68989	3.60253	14.9558	3.69021	1
cg14484649	0.124579	0.792483	-1.26186	0.0218519	0.680543	-1.46941	0.00318998	1.7563	1.7563	0.237519	0.841066	-1.18897	9.3282	2.8905	0.275437	1
cg10010533	0.0850133	0.535673	-1.86681	0.000440792	0.16215	-6.16712	0.00477594	3.41385	3.41385	0.187035	0.632294	-1.58154	8.79546	14.9661	1.51251	1
cg13820145	0.281613	0.767898	-1.30226	0.367848	1.24398	1.24398	0.919864	1.02403	1.02403	0.0198196	0.514823	-1.94241	4.32799	3.81822	0.784193	1
cg26612129	0.403548	1.13723	1.13723	0.0173679	1.54618	1.54618	0.153136	0.79442	-1.25878	0.761973	0.955327	-1.04676	5.95827	2.13569	0.318615	1
cg24451411	0.0137999	0.570232	-1.75367	2.52E-06	0.122341	-8.17389	0.682814	0.92698	-1.07877	2.70E-05	0.216751	-4.61359	40.5079	21.851	0.479489	1
cg19820058	0.0173595	1.68099	1.68099	4.34E-05	0.248786	-4.01951	0.485265	0.880617	-1.13557	0.306632	0.827169	-1.20894	22.7541	11.5827	0.452477	1
cg07138491	0.00566051	0.36829	-2.71525	0.00237802	0.311724	-3.20796	0.0441439	0.529264	-1.88942	0.0321831	0.5014	-1.99442	4.73246	5.67455	1.06584	1
cg12059147	0.991172	0.998085	-1.00192	0.0197271	0.613866	-1.62902	0.572537	0.905911	-1.10386	0.0625269	1.43797	1.43797	3.76875	1.79232	0.422733	1
cg03517998	0.000413648	0.280423	-3.56605	0.000725135	0.311513	-3.21014	0.785642	0.940021	-1.06381	0.00644069	0.447572	-2.23428	13.555	11.0511	0.724693	1
cg00729291	0.484766	1.08391	1.08391	0.0852389	1.24105	1.24105	0.807995	1.02802	1.02802	0.0516171	0.777693	-1.28585	4.07044	0.830388	0.181337	1
cg01022087	0.918513	1.02333	1.02333	0.0114095	2.04156	2.04156	0.627869	0.895743	-1.11639	0.329226	0.796945	-1.25479	3.7931	3.0522	0.715262	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01784721	FAM184A	0.0151657	0.00458472	0.666439	-1.50051	0.710346	1.04093	1.04093	0.0144243	0.723089	-1.38296	0.409728	0.913334	-1.09489	0.00202222	0.626129	-1.59711	0.0327851	0.764495	-1.30805	0.0758647	0.80861	-1.23669	0.113009	0.83071	-1.20379	0.0394903	0.774073	-1.29187	5.1619	0.945237	0.162772	1
cg26501049	FAM184A	0.0296282	0.00912027	0.520036	-1.92294	0.202174	0.766584	-1.30449	0.106752	0.70637	-1.41569	0.953696	1.01153	1.01153	0.0144465	0.551563	-1.81303	0.0398908	0.625705	-1.5982	0.0454877	0.635859	-1.57268	0.96479	0.991324	-1.00875	0.00630712	0.495496	-2.01818	4.10496	2.53318	0.548536	1
cg11277190	FAM184A;FAM184A	4.04E-06	0.00234999	0.577905	-1.73039	1.01E-06	0.190631	-5.24574	0.000176306	0.43975	-2.27402	0.135494	0.812337	-1.23102	0.00197552	0.56854	-1.75889	3.84E-06	0.248776	-4.01967	2.81E-06	0.234561	-4.26329	0.853299	0.976372	-1.0242	3.27E-06	0.241347	-4.14341	51.2789	13.5522	0.234919	1
cg24888609	FAM184A;FAM184A	8.18E-06	0.00036755	0.352066	-2.84037	9.33E-07	0.093241	-10.7249	0.000476641	0.366548	-2.72816	0.414269	1.165	1.165	1.69E-05	0.19864	-5.03423	0.000517968	0.371225	-2.69378	4.79E-05	0.24639	-4.05861	0.125085	1.355	1.355	1.75E-05	0.200019	-4.99954	42.7332	22.6633	0.471417	1
cg25249518	FAM184A;FAM184A	0.0128529	0.469217	0.811196	-1.23275	0.975849	0.991435	-1.00864	0.209092	0.686437	-1.4568	0.0202808	0.451465	-2.21501	0.45766	0.806603	-1.23977	0.00110229	0.254863	-3.92367	?	?	?	0.26955	0.721279	-1.38643	0.00280305	0.31028	-3.22289	5.55606	6.31624	1.13682	1
cg02233421	FAM184A;FAM184A	0.0314907	0.33784	0.91297	-1.09533	0.0412795	0.804983	-1.24226	0.377838	1.08696	1.08696	0.00355207	0.694829	-1.4392	0.604484	0.952989	-1.04933	0.00794478	0.730787	-1.36839	0.375035	1.08752	1.08752	0.562737	0.947503	-1.05541	0.221269	0.888265	-1.12579	4.01685	0.540248	0.119551	1
cg24657419	FAM184A;FAM184A	0.0316829	0.0944528	0.487013	-2.05333	0.507499	0.768627	-1.30102	0.107005	0.502261	-1.991	0.47383	0.751939	-1.32989	0.000772637	0.136425	-7.33005	0.516335	0.772948	-1.29375	0.825009	0.916981	-1.09053	0.210091	1.67686	1.67686	0.249071	0.624065	-1.6024	4.00813	9.72337	2.15637	1
cg25463749	FAM184A;FAM184A	0.0446391	0.0654127	0.514045	-1.94535	0.060538	1.97575	1.97575	0.0853388	1.84415	1.84415	0.551858	1.21371	1.21371	0.0874653	0.544955	-1.83501	0.270095	0.691076	-1.44702	0.0359875	0.456159	-2.19222	0.0559876	0.498291	-2.00686	0.891493	1.0449	1.0449	3.53616	5.79847	1.45757	1
cg03774026	FAM184A;FAM184A;FAM184A	0.0121108	0.0191869	0.679809	-1.471	0.0118286	0.651756	-1.53432	0.192286	1.2068	1.2068	0.225499	1.18931	1.18931	0.531754	1.0901	1.0901	0.388339	0.88655	-1.12797	0.000986632	0.513274	-1.94828	0.913619	0.98533	-1.01489	0.684611	0.945899	-1.0572	5.55689	1.63266	0.261163	1
cg15017067	FAM184B	0.000152865	0.0219433	1.59127	1.59127	0.000894948	2.31736	2.31736	0.305103	1.19658	1.19658	0.786881	0.955237	-1.04686	4.80E-05	3.6447	3.6447	0.0310439	1.53387	1.53387	1.10E-05	4.86678	4.86678	0.000479135	2.52466	2.52466	0.190833	1.26374	1.26374	19.7559	8.93558	0.402044	1
cg00306311	FAM184B	0.000843687	0.0118809	0.576403	-1.7349	0.00741918	1.83145	1.83145	0.114339	1.35166	1.35166	0.113352	1.35297	1.35297	0.00152752	0.449123	-2.22656	0.512107	0.889891	-1.12373	0.000257836	0.348086	-2.87286	0.00421285	0.51049	-1.9589	0.506934	1.12539	1.12539	12.3458	6.01916	0.433375	1
cg08644678	FAM184B	0.00199984	0.662969	1.1375	1.1375	0.747185	1.09968	1.09968	0.961072	0.985763	-1.01444	0.140983	1.5923	1.5923	6.89E-05	0.117998	-8.47474	0.463856	1.24489	1.24489	0.00677668	2.80382	2.80382	0.0517982	1.91592	1.91592	0.839114	1.06154	1.06154	9.64213	13.181	1.21513	1
cg04450456	FAM184B	0.00218051	0.158504	1.44796	1.44796	0.0200991	1.99097	1.99097	0.0856081	1.59455	1.59455	0.673031	0.90102	-1.10985	0.00200008	2.91896	2.91896	0.259375	1.33501	1.33501	6.37E-05	6.08733	6.08733	0.013417	2.12093	2.12093	0.996712	1.00101	1.00101	9.40173	8.97913	0.848935	1
cg18790597	FAM184B	0.0044798	0.0163809	3.19734	3.19734	0.00902986	3.87336	3.87336	0.308307	1.44943	1.44943	0.0046097	4.91831	4.91831	?	?	?	0.0133297	3.41034	3.41034	?	?	?	0.00336149	0.180042	-5.55426	0.206554	0.621922	-1.60792	14.8949	19.9361	0.956035	1
cg27207796	FAM184B	0.00531764	0.0665034	0.615981	-1.62343	0.0122148	2.15199	2.15199	?	?	?	?	?	?	?	?	?	0.000881549	0.266793	-3.74822	0.203159	1.36229	1.36229	0.318296	0.790128	-1.26562	0.334222	0.796706	-1.25517	10.8164	5.53882	0.512076	1
cg03095982	FAM184B	0.0162011	0.00755536	0.415535	-2.40654	0.0547223	0.573037	-1.74509	0.18728	0.699675	-1.42923	0.337512	0.776732	-1.28745	0.000643615	0.262321	-3.81212	0.764842	0.926208	-1.07967	0.0865142	0.616414	-1.62229	0.548364	1.16789	1.16789	0.155645	0.678271	-1.47434	5.04995	5.22232	0.919229	1
cg16449012	FAM184B	0.0186744	0.059562	0.536634	-1.86347	0.00387286	0.320178	-3.12326	0.151223	0.6375	-1.56863	0.204019	1.48053	1.48053	0.139041	0.627441	-1.59378	0.377191	0.767012	-1.30376	0.0101073	0.386761	-2.58558	0.00796034	0.369396	-2.70712	0.810617	1.0728	1.0728	4.81509	6.53457	1.20631	1
cg15471073	FAM184B	0.0202145	0.392627	0.827562	-1.20837	0.0651687	1.56434	1.56434	0.10277	0.679908	-1.47079	0.368977	1.22069	1.22069	0.00752129	0.475491	-2.10309	0.313291	1.25282	1.25282	0.169039	1.37256	1.37256	0.0072828	2.11285	2.11285	0.959114	1.01114	1.01114	4.68753	3.46768	0.65757	1
cg02816816	FAM184B	0.021311	0.176784	0.855273	-1.16922	0.000632221	1.77144	1.77144	0.429261	0.91589	-1.09183	0.681875	1.0459	1.0459	0.452847	1.08683	1.08683	0.882604	0.98404	-1.01622	0.0901235	0.815974	-1.22553	0.489964	0.926485	-1.07935	0.797222	0.972354	-1.02843	4.60384	0.864435	0.166901	1
cg17839008	FAM184B;FAM184B	0.00170133	0.65637	1.27128	1.27128	0.807918	1.13946	1.13946	0.000106302	0.0255575	-39.1275	0.280452	0.548075	-1.82457	?	?	?	0.000342103	0.0454594	-21.9977	0.551794	0.7242	-1.38083	0.776227	0.858347	-1.16503	0.307269	0.567508	-1.76209	10.3388	41.8162	4.0446	1
cg25236971	FAM184B;FAM184B	0.00363713	0.129259	0.724754	-1.37978	0.909149	1.02267	1.02267	0.662364	1.09012	1.09012	0.00354905	0.460221	-2.17287	0.0878082	0.690712	-1.44778	0.525795	0.881389	-1.13457	8.01E-05	0.246949	-4.04942	0.647516	0.913559	-1.09462	0.688137	1.08247	1.08247	8.08024	4.93587	0.542984	1
cg06686383	FAM185A;FAM185A;FAM185A	0.00590047	0.00111606	0.407549	-2.45369	0.0427544	0.646594	-1.54657	0.0417727	0.644852	-1.55074	0.490031	1.14007	1.14007	0.00104441	0.403654	-2.47737	0.0460938	0.652264	-1.53312	0.693481	0.928617	-1.07687	0.00704667	0.52142	-1.91784	0.704842	0.931324	-1.07374	6.97507	3.86127	0.492072	1
cg01496970	FAM185A;FAM185A;FAM185A	0.00715479	0.0837221	0.584107	-1.71202	0.00635331	0.368645	-2.71264	0.236274	0.705663	-1.41711	0.539398	0.839838	-1.19071	0.00167918	0.28317	-3.53144	0.0465013	0.527026	-1.89744	0.0025238	0.307901	-3.2478	0.00299824	0.318729	-3.13747	0.0257044	0.475086	-2.10488	6.57013	8.21115	1.11091	1
cg15590863	FAM185A;FAM185A;FAM185A	0.0193155	0.013585	0.635505	-1.57355	0.0375989	0.699012	-1.43059	0.0454733	0.71138	-1.40572	0.105615	1.3001	1.3001	0.0706657	0.740915	-1.34968	0.17053	0.805197	-1.24193	0.0189491	1.52475	1.52475	0.537928	0.911571	-1.09701	0.157189	0.798852	-1.2518	4.76046	1.66158	0.310255	1
cg26605996	FAM185A;FAM185A;FAM185A	0.0233847	0.799429	0.959485	-1.04223	0.208301	0.806149	-1.24047	0.872427	1.02645	1.02645	0.572623	0.91155	-1.09703	0.384913	1.1557	1.1557	0.80004	0.959609	-1.04209	0.000389045	0.399002	-2.50626	0.336349	1.17472	1.17472	0.909073	0.981613	-1.01873	4.45926	1.86357	0.371476	1
cg01398432	FAM185A;FAM185A;FAM185A	0.0275999	0.0308242	0.785079	-1.27376	0.0268519	1.28428	1.28428	0.579628	1.05484	1.05484	0.44879	1.07643	1.07643	0.47546	0.933099	-1.0717	0.540962	0.942655	-1.06083	0.0388696	1.25633	1.25633	0.0301448	1.27545	1.27545	0.0187193	1.31242	1.31242	4.20905	0.606943	0.128177	1
cg24816578	FAM185A;FAM185A;FAM185A	0.0490021	0.0590458	0.362989	-2.75491	0.838252	1.10204	1.10204	0.401021	1.50475	1.50475	0.971466	1.01715	1.01715	0.625381	0.791434	-1.26353	0.0490772	0.343701	-2.9095	?	?	?	0.100733	2.35041	2.35041	0.0124746	4.38311	4.38311	3.46483	11.0227	3.18132	1
cg17875584	FAM186A	0.00550542	0.100694	0.572486	-1.74677	0.0347612	0.466062	-2.14564	0.00262236	0.274626	-3.64132	0.00543483	0.321506	-3.11036	0.00213251	0.262179	-3.81418	0.143179	0.613797	-1.6292	0.00160609	0.245701	-4.06999	0.0232554	0.431103	-2.31963	0.0115684	0.375503	-2.66309	7.1254	10.8603	1.35481	1
cg06538151	FAM186A	0.00852906	0.792057	0.950179	-1.05243	0.0533489	0.65409	-1.52884	0.000269233	0.314769	-3.17693	0.740091	0.937639	-1.06651	0.0168906	0.569095	-1.75718	0.823434	1.04417	1.04417	0.344756	1.2071	1.2071	0.0248954	0.596709	-1.67586	0.257006	0.795478	-1.25711	6.21731	3.68366	0.526653	1
cg03109964	FAM186B;FAM186B	0.00424591	0.0382115	0.735861	-1.35895	0.133408	1.22963	1.22963	0.104154	0.797038	-1.25465	0.0589511	0.761605	-1.31302	0.000238348	0.459796	-2.17488	0.355423	1.12906	1.12906	0.0222135	1.41908	1.41908	0.453238	0.907047	-1.10248	0.377704	0.890856	-1.12252	7.71231	1.99146	0.229528	1
cg22202647	FAM186B;FAM186B	0.00837805	0.00493828	0.343021	-2.91527	0.00516389	0.346038	-2.88985	0.0894516	0.583838	-1.7128	0.156867	1.54518	1.54518	0.0120565	0.406689	-2.45888	0.0200722	0.44658	-2.23924	0.359745	1.31076	1.31076	0.117085	1.63107	1.63107	0.638942	0.873011	-1.14546	6.25249	8.17853	1.16271	1
cg06373919	FAM186B;FAM186B	0.0176964	0.457832	1.09784	1.09784	0.0388544	0.744319	-1.34351	0.00339567	0.611591	-1.63508	0.519253	1.08401	1.08401	0.446106	0.908568	-1.10063	0.0109138	1.48362	1.48362	0.0944051	1.25483	1.25483	0.642603	1.05939	1.05939	0.554517	0.92885	-1.0766	4.90307	1.18367	0.21459	1
cg02564061	FAM186B;FAM186B	0.0355949	0.173275	0.740043	-1.35127	0.360731	1.21557	1.21557	0.0103814	0.511402	-1.95541	0.8961	0.973221	-1.02752	0.0289268	0.585612	-1.70762	0.145644	0.722822	-1.38347	0.101034	1.45224	1.45224	0.320336	1.2378	1.2378	0.0397779	0.61026	-1.63865	3.84359	2.6276	0.607672	1
cg20069972	FAM186B;FAM186B	0.0457394	0.0843731	0.706813	-1.4148	0.0101308	0.554586	-1.80315	0.370163	0.845978	-1.18206	0.363311	0.843831	-1.18507	0.00757973	0.535672	-1.86681	0.168585	1.30556	1.30556	0.486714	1.13706	1.13706	0.225264	0.793363	-1.26046	0.422664	0.861697	-1.1605	3.50405	1.83318	0.465031	1
cg07819892	FAM187B	0.00864136	0.00118986	4.8831	4.8831	0.445414	1.2964	1.2964	0.435843	1.30383	1.30383	0.983418	1.00696	1.00696	0.135921	0.584929	-1.70961	0.0958743	0.543162	-1.84107	0.00375358	3.69012	3.69012	0.107299	1.7979	1.7979	0.0399163	2.20908	2.20908	6.19164	10.9213	1.56789	1
cg08833636	FAM187B	0.0152904	0.00181958	5.80733	5.80733	0.0135066	3.36546	3.36546	0.16138	1.81058	1.81058	0.543313	1.27659	1.27659	0.865586	1.06956	1.06956	0.649363	0.833869	-1.19923	0.00462758	4.46128	4.46128	0.0807464	2.15698	2.15698	0.0297805	2.75956	2.75956	5.14792	12.8449	2.21793	1
cg19045762	FAM187B	0.0167976	0.709598	0.858533	-1.16478	0.0187612	0.313106	-3.19381	0.0113446	0.274552	-3.6423	0.68116	0.844964	-1.18348	0.02455	0.335517	-2.98048	0.84621	0.923875	-1.0824	0.00753894	0.246118	-4.06309	0.00235618	0.177266	-5.64124	0.567985	0.790302	-1.26534	4.98942	13.1385	2.34069	1
cg22781764	FAM187B	0.0231543	0.582657	1.45164	1.45164	0.119272	0.321313	-3.11223	0.934826	1.05646	1.05646	0.404766	0.564124	-1.77266	0.664199	0.745771	-1.34089	0.505411	1.57433	1.57433	0.000375367	0.0219489	-45.5603	0.793644	1.1925	1.1925	0.520779	0.645892	-1.54825	4.47453	31.9608	6.34918	1
cg24819751	FAM187B	0.0472923	0.235378	0.740716	-1.35005	0.245878	0.746096	-1.34031	0.0294741	0.538613	-1.85662	0.477274	0.839965	-1.19053	0.0544691	0.59062	-1.69314	0.00345901	0.383654	-2.60652	0.83493	0.950888	-1.05165	0.0178708	0.499206	-2.00318	0.125226	0.669984	-1.49257	3.46032	3.19207	0.819981	1
cg19707359	FAM188A	0.00137753	0.50471	0.832274	-1.20153	0.970685	0.990083	-1.01002	0.000949522	0.262844	-3.80454	0.00264027	0.323507	-3.09113	0.0588401	1.78382	1.78382	0.391357	1.26895	1.26895	0.00165642	3.39029	3.39029	0.0152975	2.24249	2.24249	0.043903	0.533614	-1.87401	10.7393	12.5112	1.03555	1
cg01162436	FAM188A	0.0202073	0.401875	1.10987	1.10987	0.153059	1.20431	1.20431	0.0139667	1.44609	1.44609	0.266153	0.868686	-1.15116	0.00321398	1.62999	1.62999	0.903824	1.0148	1.0148	0.0227791	0.718117	-1.39253	0.545272	1.07721	1.07721	0.330357	1.1298	1.1298	4.6881	1.09605	0.207818	1
cg00357213	FAM188A	0.0354414	0.231684	0.703385	-1.4217	0.182459	1.48715	1.48715	0.00148394	0.276449	-3.61731	0.0295155	0.487304	-2.05211	0.441056	0.802231	-1.24652	0.903442	0.966532	-1.03463	0.551333	0.844459	-1.18419	0.780416	0.924607	-1.08154	0.0980565	0.601096	-1.66363	3.84962	4.79652	1.10753	1
cg19053479	FAM188A	0.045127	0.0848695	0.651629	-1.53462	0.170165	0.720107	-1.38868	0.813113	0.948162	-1.05467	0.292688	1.27808	1.27808	0.787313	0.941029	-1.06267	0.0093683	2.09709	2.09709	0.21737	0.746998	-1.33869	0.0254257	0.550446	-1.81671	0.475732	1.17704	1.17704	3.52181	2.81771	0.711177	1
cg06284285	FAM188A	0.0491674	0.235229	0.537588	-1.86016	0.533393	1.36987	1.36987	0.00425549	0.148309	-6.74267	0.0418438	0.310291	-3.22278	0.582919	1.31874	1.31874	0.731317	1.18763	1.18763	0.398077	1.53982	1.53982	0.541592	0.73471	-1.36108	0.0362433	0.296766	-3.36965	3.40981	13.4416	3.50405	1
cg20801130	FAM188B	5.30E-05	0.000457069	0.271461	-3.68377	0.987034	1.00385	1.00385	1.16E-05	8.98291	8.98291	0.0765142	1.59275	1.59275	0.0155014	0.495878	-2.01662	0.000205749	4.34442	4.34442	0.00500636	0.415899	-2.40443	0.317982	0.783615	-1.27614	0.00307206	0.383855	-2.60515	26.2142	23.1694	0.785642	1
cg00690143	FAM188B	0.00115375	0.106346	0.778378	-1.28472	0.0264805	0.688132	-1.45321	0.00128864	1.94731	1.94731	0.680333	0.942839	-1.06063	0.00225324	0.544753	-1.8357	0.11478	1.27592	1.27592	0.000315899	0.436429	-2.29133	0.368919	0.877122	-1.14009	0.0451255	0.721374	-1.38624	11.2977	3.61181	0.284172	1
cg27070397	FAM188B	0.00152471	0.0488975	0.581888	-1.71854	0.00588593	0.419907	-2.38148	0.0687043	0.612272	-1.63326	0.0423226	1.75605	1.75605	0.000115136	0.196235	-5.09594	0.493144	0.845713	-1.18243	0.0172061	0.497132	-2.01154	0.0239895	1.91238	1.91238	0.302643	0.773297	-1.29316	10.4304	9.57661	0.816129	1
cg24139009	FAM188B	0.00346056	0.0925164	0.741395	-1.34881	0.295004	0.839012	-1.19188	0.000732909	2.29206	2.29206	0.212363	1.23652	1.23652	0.191044	0.799511	-1.25076	0.0126242	1.65068	1.65068	0.00275058	0.512841	-1.94992	0.355909	0.857719	-1.16588	0.627171	0.923938	-1.08232	8.20157	3.39315	0.367751	1
cg07136111	FAM188B	0.00614699	0.0543222	0.51354	-1.94727	0.0253296	0.444226	-2.25111	0.0793457	0.551884	-1.81197	0.0161453	0.407272	-2.45536	0.00040293	0.17958	-5.56856	0.00460707	0.316383	-3.16073	0.345239	1.3454	1.3454	0.477937	0.802361	-1.24632	0.034277	0.470599	-2.12495	6.88747	10.1606	1.31132	1
cg03475190	FAM188B	0.00799348	0.0393724	0.370791	-2.69694	0.0048087	0.210703	-4.74601	0.0236109	0.324645	-3.08029	0.0548945	0.404056	-2.4749	0.0455638	0.385061	-2.59699	0.180347	0.553127	-1.8079	0.00125312	0.140659	-7.10937	0.0573784	2.44674	2.44674	0.254271	0.609257	-1.64134	6.34578	17.4134	2.43919	1
cg07177123	FAM188B	0.00857192	0.000426535	0.467713	-2.13806	0.0370481	1.39077	1.39077	0.749621	1.04459	1.04459	0.335839	0.873543	-1.14476	0.930869	0.988249	-1.01189	0.666651	0.942672	-1.06081	0.164883	1.22365	1.22365	0.616283	1.07126	1.07126	0.0299053	1.41629	1.41629	6.20746	1.8246	0.261277	1
cg11670109	FAM188B	0.00965607	0.835063	1.04967	1.04967	0.00974348	2.13862	2.13862	0.00238093	2.6774	2.6774	0.966686	1.00976	1.00976	0.960873	0.988658	-1.01147	0.00215734	2.72232	2.72232	0.185105	0.721236	-1.38651	0.3889	1.22792	1.22792	0.256444	0.759243	-1.3171	5.97706	5.11826	0.761171	1
cg07831312	FAM188B	0.0114222	0.00596237	0.179842	-5.56044	0.00869909	0.202789	-4.93123	0.0259044	0.283076	-3.53263	0.124469	0.452132	-2.21175	0.0012531	0.105536	-9.47543	0.0447965	0.333148	-3.00167	0.65848	0.808737	-1.2365	0.550443	0.74954	-1.33415	0.0160896	0.245218	-4.078	5.66328	20.4263	3.20605	1
cg13485606	FAM188B	0.0255721	0.0586511	0.752832	-1.32832	0.439189	0.900439	-1.11057	0.0376434	0.725767	-1.37785	0.00300258	0.58222	-1.71756	0.0174613	0.680729	-1.46901	0.215049	1.18943	1.18943	0.0341337	0.719915	-1.38905	0.829643	0.971766	-1.02905	0.649326	0.940966	-1.06274	4.32303	1.20969	0.248733	1
cg22629208	FAM188B	0.0284567	0.131141	0.821619	-1.21711	0.0521414	1.30511	1.30511	0.355496	1.1214	1.1214	0.0715784	0.784638	-1.27447	0.43185	1.10153	1.10153	0.102032	0.805951	-1.24077	0.00614897	0.649937	-1.53861	0.531473	0.926438	-1.0794	0.110073	1.23361	1.23361	4.16396	0.958296	0.204569	1
cg13436110	FAM188B	0.0359029	0.00581313	0.197957	-5.0516	0.309041	1.60327	1.60327	0.241301	1.73322	1.73322	0.682513	0.831598	-1.2025	0.00627161	0.20255	-4.93706	0.734667	0.85853	-1.16478	0.814216	1.11132	1.11132	0.658981	1.22035	1.22035	0.128327	0.478514	-2.0898	3.83159	12.2005	2.83039	1
cg09454882	FAM189A1	6.90E-05	0.868519	1.02838	1.02838	0.18113	0.786772	-1.27102	0.000159215	0.336119	-2.97514	0.492524	1.12495	1.12495	5.86E-06	0.179043	-5.58525	0.333224	0.844849	-1.18364	3.01E-05	0.251936	-3.96926	0.0662176	1.41629	1.41629	0.0357756	0.661885	-1.51084	24.4438	11.0456	0.401669	1
cg18071147	FAM189A1	0.000152004	0.119083	0.662006	-1.51056	0.384752	0.804689	-1.24272	0.44143	0.825796	-1.21095	0.401938	1.23266	1.23266	0.0995162	1.55307	1.55307	0.22418	0.732453	-1.36528	1.98E-06	0.0569293	-17.5657	0.0200116	1.9827	1.9827	0.499905	1.18174	1.18174	19.786	18.6323	0.837059	1
cg07577668	FAM189A1	0.000399688	0.594887	0.878109	-1.13881	0.980613	1.0059	1.0059	0.102743	1.5409	1.5409	0.00526105	2.43815	2.43815	0.227933	0.736012	-1.35867	0.785522	1.06829	1.06829	0.135142	1.47709	1.47709	4.93E-06	12.4788	12.4788	0.997882	1.00064	1.00064	15.2035	14.1235	0.825747	1
cg04283162	FAM189A1	0.000426299	0.99325	1.00118	1.00118	0.812177	1.03383	1.03383	0.00027975	2.29457	2.29457	0.0222669	1.46654	1.46654	0.0266961	0.692819	-1.44338	0.000222418	0.423511	-2.36121	0.000646212	0.481196	-2.07815	0.886249	0.980193	-1.02021	0.811212	1.03401	1.03401	14.9354	4.62072	0.275004	1
cg13858909	FAM189A1	0.000590874	0.708293	0.946891	-1.05609	0.00990914	0.623094	-1.60489	6.48E-05	0.344597	-2.90194	0.227641	1.20187	1.20187	0.00737805	0.605753	-1.65084	0.132963	0.790281	-1.26537	0.000136283	0.383471	-2.60776	0.140091	1.25921	1.25921	0.249675	0.839729	-1.19086	13.6421	4.55477	0.296779	1
cg01026270	FAM189A1	0.00081546	0.00463633	0.489994	-2.04084	0.0544686	1.51175	1.51175	0.000374712	2.93701	2.93701	0.383149	0.844181	-1.18458	0.0318195	0.620919	-1.61052	0.0216624	0.593222	-1.68571	0.0114554	0.549231	-1.82073	0.000895505	0.389902	-2.56474	0.307112	0.818524	-1.22171	12.4647	7.08215	0.505044	1
cg00021242	FAM189A1	0.00137093	0.68838	1.05657	1.05657	0.00700659	1.60954	1.60954	0.00060149	0.485612	-2.05926	0.000702733	0.494056	-2.02406	0.0402788	0.723682	-1.38182	0.0400985	0.723407	-1.38235	0.6424	0.938166	-1.06591	0.0248774	1.4397	1.4397	0.58748	1.07763	1.07763	10.7541	3.17324	0.262287	1
cg21947094	FAM189A1	0.00277158	0.678546	0.960849	-1.04075	0.00469387	0.697605	-1.43348	0.018172	1.31631	1.31631	0.0754853	1.20879	1.20879	0.103357	0.843062	-1.18615	0.497731	1.06819	1.06819	0.328078	0.907795	-1.10157	0.000622097	1.65614	1.65614	0.00983483	1.36709	1.36709	8.76138	1.27421	0.129275	1
cg00030774	FAM189A1	0.00337028	0.49186	0.756313	-1.3222	0.376816	1.43739	1.43739	0.53918	1.28239	1.28239	0.0174251	3.18384	3.18384	0.419316	0.718828	-1.39115	0.0453532	2.50533	2.50533	0.000251749	11.1882	11.1882	0.0007912	7.60412	7.60412	0.735967	1.14499	1.14499	8.26662	20.9557	2.25331	1
cg17051704	FAM189A1	0.00346174	0.234514	0.668663	-1.49552	0.173249	1.59684	1.59684	0.000672748	0.18641	-5.36452	0.550997	0.822967	-1.21512	0.000748433	0.191649	-5.21786	0.0230565	0.415714	-2.4055	0.0499448	2.05874	2.05874	0.757068	0.904643	-1.10541	0.189487	0.638334	-1.56658	8.20073	13.5485	1.46854	1
cg01034287	FAM189A1	0.010483	0.00743867	0.664458	-1.50499	0.491467	1.0864	1.0864	0.841426	0.976525	-1.02404	0.0429861	0.758675	-1.31809	0.0597869	0.777335	-1.28645	0.349086	1.1211	1.1211	0.00381548	1.58822	1.58822	0.404237	0.903743	-1.10651	0.0249532	0.728768	-1.37218	5.82196	1.29672	0.197982	1
cg13799544	FAM189A1	0.0106651	0.837529	0.937037	-1.06719	0.160511	1.60774	1.60774	0.916564	1.03375	1.03375	0.0351672	2.1753	2.1753	0.515545	0.811535	-1.23223	0.0444009	2.07771	2.07771	0.000468643	5.70648	5.70648	0.00777309	2.95219	2.95219	0.762918	1.10056	1.10056	5.78985	9.19895	1.41227	1
cg19838164	FAM189A1	0.0142198	0.52003	0.916916	-1.09061	0.877331	0.979664	-1.02076	0.0821655	1.29196	1.29196	0.710303	1.05088	1.05088	0.00133229	0.537634	-1.86	0.122596	1.24925	1.24925	0.0132257	1.50454	1.50454	0.261943	1.16836	1.16836	0.424182	0.897118	-1.11468	5.2728	1.47753	0.249083	1
cg00781691	FAM189A1	0.0181284	0.0206133	0.188163	-5.31453	0.0331185	0.22483	-4.44781	0.638909	0.753417	-1.32729	0.198315	0.442873	-2.25798	0.0287164	0.213157	-4.69139	0.0773684	0.308427	-3.24225	0.000866795	0.0500609	-19.9757	0.0236251	0.198099	-5.04799	0.138834	0.384999	-2.59741	4.86349	27.6461	5.05281	1
cg26225847	FAM189A1	0.0208855	0.348132	0.73669	-1.35742	0.768098	1.09806	1.09806	0.170985	0.630545	-1.58593	0.753398	0.905106	-1.10484	0.000369093	0.164703	-6.07154	0.26933	0.694948	-1.43896	0.87676	1.05032	1.05032	0.426705	1.29272	1.29272	0.101798	0.567439	-1.7623	4.63567	7.3478	1.40894	1
cg08942929	FAM189A1	0.0227953	0.426254	0.872394	-1.14627	0.0381373	1.49756	1.49756	0.205943	0.799159	-1.25132	0.276646	0.826845	-1.20942	0.872112	0.973292	-1.02744	0.446819	0.877839	-1.13916	0.000954535	2.28684	2.28684	0.391149	1.1591	1.1591	0.659397	1.07738	1.07738	4.49869	2.01181	0.397509	1
cg26330365	FAM189A1	0.0256956	0.10422	1.97651	1.97651	0.0314256	2.63292	2.63292	0.813339	1.09497	1.09497	0.300483	1.50915	1.50915	0.120145	1.90922	1.90922	0.0591739	2.26414	2.26414	0.00153883	5.74234	5.74234	0.00829138	3.64977	3.64977	0.141759	1.83306	1.83306	4.31578	10.057	2.07137	1
cg08284758	FAM189A1	0.0323431	0.0759188	0.624851	-1.60038	0.306062	0.77702	-1.28697	0.139138	0.684565	-1.46078	0.74367	1.08125	1.08125	0.000913422	0.307236	-3.25483	0.0405946	0.569549	-1.75578	0.0935442	0.64462	-1.5513	0.557477	0.868285	-1.1517	0.18507	0.715616	-1.3974	3.97865	3.57141	0.797905	1
cg20268758	FAM189A1	0.0418454	0.0493072	0.390089	-2.56352	0.270244	0.617766	-1.61873	0.561629	0.781744	-1.27919	0.245372	1.66494	1.66494	0.0488897	0.389226	-2.5692	0.274634	0.620704	-1.61107	0.00282921	0.178158	-5.613	0.295557	0.634384	-1.57633	0.0447475	0.380352	-2.62915	3.62227	10.0987	2.47818	1
cg21207450	FAM189A1	0.0453823	0.0204658	0.099522	-10.048	0.0301868	0.121739	-8.21427	0.0548741	0.165489	-6.0427	0.14168	0.271034	-3.68958	0.0168702	0.0899462	-11.1178	0.0643419	0.179585	-5.56838	0.0120798	0.0753605	-13.2696	0.127955	0.256753	-3.89479	0.0677018	0.184349	-5.42449	3.51437	37.9923	9.60938	1
cg10584986	FAM189A1	0.0458461	0.0124636	0.424919	-2.35339	0.812387	1.06764	1.06764	0.0262102	0.483869	-2.06668	0.114529	0.62346	-1.60395	0.0340068	0.506021	-1.9762	0.977664	0.992323	-1.00774	0.437858	0.804257	-1.24338	0.0934594	1.66172	1.66172	0.121776	0.630204	-1.58679	3.50099	4.20134	1.0667	1
cg13521286	FAM189A2	0.00101658	0.745556	0.9339	-1.07078	0.0379684	0.603305	-1.65754	0.790477	1.05752	1.05752	0.00732869	2.06691	2.06691	0.03497	1.67545	1.67545	0.000775482	0.343572	-2.91059	0.000470718	0.315344	-3.17114	0.0468757	1.61258	1.61258	0.0254443	0.572471	-1.74681	11.7118	8.18204	0.620992	1
cg24146090	FAM189A2	0.0100411	0.357395	0.636805	-1.57034	0.0960927	0.418393	-2.3901	0.0268682	3.49044	3.49044	0.330911	0.619816	-1.61338	0.243958	0.559207	-1.78825	0.177754	0.505168	-1.97954	0.00133251	9.24811	9.24811	0.0278438	3.45349	3.45349	0.317353	0.610897	-1.63694	5.90287	21.2532	3.20043	1
cg14353958	FAM189A2;FAM189A2	1.17E-05	0.260617	1.16032	1.16032	0.638177	0.941738	-1.06187	1.28E-06	0.206567	-4.84103	0.13899	1.22364	1.22364	0.539816	0.92435	-1.08184	0.000289434	0.472692	-2.11554	2.13E-06	0.228705	-4.37244	0.000263946	0.467837	-2.1375	0.038554	0.738065	-1.35489	38.9826	9.91639	0.226115	1
cg13680876	FAM189A2;FAM189A2	0.00410758	0.314619	1.3898	1.3898	0.0232696	0.423828	-2.35945	0.00235323	0.260968	-3.83188	0.656329	0.867823	-1.15231	0.0462197	0.485326	-2.06047	0.54053	0.821912	-1.21667	0.000157784	0.12927	-7.73572	0.427631	0.773862	-1.29222	0.0957823	0.560396	-1.78445	7.78988	12.3617	1.41057	1
cg00393182	FAM189B;FAM189B	0.000489137	0.00257988	0.309945	-3.22637	0.00434238	0.343467	-2.91149	0.0334357	0.49817	-2.00735	0.00341094	0.327663	-3.05192	1.67E-05	0.0836237	-11.9583	0.852494	1.05358	1.05358	0.0952863	1.67178	1.67178	0.714213	0.902013	-1.10863	0.0400251	0.51405	-1.94533	14.3778	17.9023	1.10678	1
cg13459205	FAM189B;FAM189B	0.00485255	0.987786	1.00299	1.00299	0.00635176	2.00104	2.00104	0.508623	1.13989	1.13989	0.254457	0.792676	-1.26155	0.998502	1.00037	1.00037	0.365973	0.834137	-1.19884	0.000211191	3.35166	3.35166	0.0107668	1.86937	1.86937	0.285259	1.24199	1.24199	7.4059	4.47177	0.536722	1
cg15850846	FAM189B;FAM189B	0.00499453	0.26685	1.31713	1.31713	0.222615	1.35687	1.35687	0.336158	1.26636	1.26636	0.185411	1.39708	1.39708	0.917838	1.02487	1.02487	0.596789	1.13556	1.13556	9.55E-05	5.22796	5.22796	0.00313233	2.61653	2.61653	0.073758	1.60741	1.60741	7.34105	6.59222	0.798218	1
cg03618937	FAM189B;FAM189B	0.00697147	0.0519822	0.399894	-2.50066	0.00656192	4.46604	4.46604	0.581474	1.25421	1.25421	0.402823	0.705377	-1.41768	?	?	?	0.00664366	0.224749	-4.44941	0.129169	0.509607	-1.9623	0.0179146	0.299458	-3.33937	0.00607282	0.218727	-4.57192	7.75182	17.6296	1.98997	1
cg18568145	FAM189B;FAM189B	0.00709934	0.297154	1.37057	1.37057	0.000447083	5.02894	5.02894	0.00371966	3.13578	3.13578	0.08284	1.75094	1.75094	0.22338	1.45224	1.45224	0.0358759	2.03806	2.03806	0.335462	1.33599	1.33599	0.01653	2.34903	2.34903	0.00534822	2.91532	2.91532	6.5861	8.87221	1.19743	1
cg13420845	FAM189B;FAM189B	0.0103493	0.967819	0.978248	-1.02224	0.00506387	7.53974	7.53974	0.0575108	3.2252	3.2252	0.0234555	4.37363	4.37363	0.400149	0.625322	-1.59918	0.593789	0.745679	-1.34106	0.324818	1.74065	1.74065	0.000958228	14.6105	14.6105	0.0373026	3.73437	3.73437	5.84599	27.5128	4.18335	1
cg25386133	FAM189B;FAM189B	0.019213	0.0895157	0.493785	-2.02517	0.0039786	0.232359	-4.30369	0.0214437	0.352882	-2.83381	0.31975	1.47338	1.47338	0.0051386	0.24829	-4.02756	0.02949	0.380494	-2.62816	0.985874	1.0067	1.0067	0.832085	0.923085	-1.08332	0.208472	0.606637	-1.64843	4.76905	10.7317	2.00026	1
cg12726784	FAM189B;FAM189B;FAM189B;FAM189B	0.000387113	0.000183004	0.476648	-2.09799	0.244227	0.876796	-1.14052	0.0304291	0.755989	-1.32277	2.48E-05	0.363765	-2.74903	0.00131826	0.586826	-1.70408	0.165722	1.17354	1.17354	0.208695	1.15396	1.15396	0.539529	0.935477	-1.06897	0.0205547	0.734876	-1.36077	19.2372	3.42611	0.138521	1
cg10142848	FAM189B;FAM189B;FAM189B;FAM189B	0.0192194	0.00368338	0.696359	-1.43604	0.424721	1.07805	1.07805	0.0391003	1.24623	1.24623	0.070564	0.830025	-1.20478	0.871017	0.985132	-1.01509	0.0713044	1.20406	1.20406	0.0326117	0.794108	-1.25927	0.524372	0.942259	-1.06128	0.566627	1.05485	1.05485	4.76851	0.641835	0.119643	1
cg16813767	FAM189B;FAM189B;FAM189B;FAM189B	0.0202406	0.91496	0.974069	-1.02662	0.453189	1.20678	1.20678	0.770907	1.07446	1.07446	0.621525	1.13021	1.13021	0.851509	1.04717	1.04717	0.0114858	0.459438	-2.17657	0.000692811	0.279872	-3.57306	0.622094	0.884973	-1.12998	0.223411	0.73005	-1.36977	4.68548	4.48944	0.851698	1
cg26434370	FAM18A	0.0181665	0.00314941	0.118561	-8.4345	0.189835	0.480112	-2.08285	0.321733	0.582222	-1.71756	0.92767	0.953158	-1.04914	0.00207902	0.101266	-9.87498	0.346267	0.598997	-1.66946	0.0139332	0.200898	-4.97765	0.648039	0.784392	-1.27487	0.0329897	0.267791	-3.73425	4.86005	21.49	3.93045	1
cg04482884	FAM18A	0.0249031	0.753748	1.05238	1.05238	0.955387	0.990965	-1.00912	0.11972	0.760431	-1.31504	0.222824	1.23098	1.23098	0.788547	0.957329	-1.04457	0.115078	1.32043	1.32043	0.000865889	2.25017	2.25017	0.248835	0.822386	-1.21597	0.587395	0.914956	-1.09295	4.36312	1.81858	0.370495	1
cg03959937	FAM18A	0.0358659	0.106693	1.9206	1.9206	0.0770633	0.482677	-2.07178	0.882475	0.946664	-1.05634	0.126715	1.84426	1.84426	0.163122	1.73598	1.73598	0.386767	1.3892	1.3892	0.00332055	0.227307	-4.39934	0.583716	0.814614	-1.22758	0.612934	0.82777	-1.20806	3.83303	8.33436	1.93276	1
cg14830118	FAM18B	9.38E-05	0.0186126	1.92825	1.92825	0.287156	0.775402	-1.28965	0.00753812	2.20638	2.20638	3.26E-06	0.0794161	-12.5919	0.0490645	0.596234	-1.67719	0.00278502	2.58292	2.58292	0.914204	1.02511	1.02511	0.378895	0.812388	-1.23094	0.0306376	1.79415	1.79415	22.5197	18.8937	0.745767	1
cg27578439	FAM18B	0.0010271	0.00128045	0.116913	-8.55337	0.000163849	0.0529653	-18.8803	0.0600734	0.379271	-2.63663	0.699024	0.837289	-1.19433	0.00160605	0.126416	-7.91038	0.0212567	0.282064	-3.54529	0.00208379	0.138037	-7.24443	0.00071246	0.0947837	-10.5503	0.0115353	0.235968	-4.23785	11.6776	38.6407	2.94129	1
cg26955859	FAM18B	0.00325313	6.43E-05	2.50874	2.50874	0.577979	1.07291	1.07291	0.240979	1.16614	1.16614	0.333526	1.13303	1.13303	0.535322	0.924404	-1.08178	0.640672	0.942837	-1.06063	0.704243	0.953368	-1.04891	0.0684334	1.29102	1.29102	0.00552652	1.57869	1.57869	8.35436	2.07452	0.220725	1
cg24420867	FAM18B	0.0121717	0.286032	0.883503	-1.13186	0.41165	0.910425	-1.09839	0.0594501	0.788331	-1.2685	0.0397759	0.766638	-1.3044	0.172577	0.850201	-1.17619	0.127314	0.83166	-1.20241	0.001918	1.63412	1.63412	0.136763	0.835945	-1.19625	0.0162415	0.71993	-1.38902	5.54785	1.09806	0.175934	1
cg13745832	FAM18B2	0.0130224	0.535075	0.827646	-1.20825	0.0735766	1.82344	1.82344	0.0640838	0.534382	-1.87132	0.0925887	0.572708	-1.74609	0.00132885	0.245223	-4.07792	0.0665941	1.85789	1.85789	0.871607	0.952458	-1.04991	0.105284	0.586858	-1.70399	0.200111	1.5032	1.5032	5.4271	7.79509	1.27673	1
cg12801917	FAM18B2	0.0350468	0.418377	1.4766	1.4766	0.00438975	0.166484	-6.00657	0.0644694	0.375689	-2.66177	0.395212	1.50743	1.50743	0.0599438	0.367759	-2.71918	0.624864	1.26146	1.26146	0.319814	0.615985	-1.62341	0.0614038	2.70007	2.70007	0.432227	0.685383	-1.45904	3.86526	13.599	3.12734	1
cg02133324	FAM18B2;FAM18B2	0.000355957	0.244385	0.723418	-1.38233	0.000584588	0.243379	-4.10881	0.0387573	0.529268	-1.8894	0.0126065	0.438391	-2.28107	0.00113289	0.279903	-3.57267	9.64E-05	0.15814	-6.32353	3.85E-05	0.122736	-8.14756	0.00914174	0.41469	-2.41144	0.539724	0.847847	-1.17946	15.6963	17.5703	0.995017	1
cg17064927	FAM18B2;FAM18B2	0.00178123	0.579747	0.858159	-1.16529	0.00725937	0.387852	-2.5783	0.00229931	0.311864	-3.20653	0.00274231	0.322866	-3.09726	0.00183605	0.298137	-3.35416	0.00473759	0.35846	-2.78971	0.000625065	0.237243	-4.21509	0.723583	0.907453	-1.10199	0.00212368	0.306975	-3.25759	9.97205	11.8117	1.05288	1
cg25234170	FAM18B2;FAM18B2	0.0197651	0.0267385	2.9387	2.9387	0.449334	0.72861	-1.37248	0.0452037	2.56932	2.56932	0.721625	0.863357	-1.15827	0.607908	0.808534	-1.23681	0.859846	1.07528	1.07528	0.109871	2.04572	2.04572	0.00312376	5.25801	5.25801	0.00660932	4.25497	4.25497	4.72347	12.618	2.37453	1
cg17405234	FAM190A	1.27E-05	0.156732	1.28957	1.28957	0.337383	1.18064	1.18064	0.0605864	0.70102	-1.42649	0.00482425	0.533786	-1.87341	0.000127535	0.326615	-3.06171	0.430829	1.14453	1.14453	0.239538	1.22971	1.22971	1.87E-07	0.0685879	-14.5798	0.0584263	0.698369	-1.43191	38.0901	17.0046	0.396827	1
cg06812793	FAM190A	0.000126111	0.740258	0.917952	-1.08938	0.000131381	0.181277	-5.51641	0.567286	0.861748	-1.16043	0.00401401	0.369812	-2.70408	1.16E-05	0.0915807	-10.9193	0.101248	1.58689	1.58689	0.000215358	0.204054	-4.90066	0.367989	1.26865	1.26865	0.0054898	0.39082	-2.55872	20.8057	21.8196	0.932203	1
cg13932769	FAM190A	0.000377657	0.0505202	0.699799	-1.42898	0.281051	0.835725	-1.19657	0.741138	1.05453	1.05453	0.234158	0.818925	-1.22111	0.0595968	1.40568	1.40568	0.0031827	0.524563	-1.90635	7.03E-06	0.203521	-4.91351	0.978241	1.00438	1.00438	0.00911111	0.588214	-1.70006	15.4428	6.27462	0.361167	1
cg14834881	FAM190A	0.000442827	0.0229572	0.526692	-1.89864	0.0487958	0.588417	-1.69948	0.209856	0.732378	-1.36541	0.185387	0.71822	-1.39233	2.96E-05	0.145395	-6.87781	0.00444708	0.408861	-2.44582	0.000316522	0.252848	-3.95494	0.735426	1.08321	1.08321	0.000310444	0.251842	-3.97074	14.7793	13.0011	0.781941	1
cg20565833	FAM190A	0.00244151	0.569045	0.851243	-1.17475	0.330039	0.754819	-1.32482	0.000601594	0.227437	-4.39682	0.128855	1.58291	1.58291	0.154029	0.652439	-1.53271	0.0883289	0.590836	-1.69252	0.00340444	0.32826	-3.04636	0.00188238	3.43223	3.43223	0.592502	0.85969	-1.16321	9.09515	11.2801	1.10243	1
cg15768324	FAM190A	0.00515073	0.0180589	0.644926	-1.55056	0.12098	0.773518	-1.29279	0.398456	0.876315	-1.14114	0.0123226	0.621283	-1.60957	0.000772604	0.459635	-2.17564	0.730263	0.948515	-1.05428	0.000895722	0.467941	-2.13702	0.254475	1.19928	1.19928	0.167133	0.798583	-1.25222	7.2723	2.68641	0.328358	1
cg15603957	FAM190A	0.00573921	0.602221	1.10664	1.10664	0.447433	0.861401	-1.1609	0.880891	0.971522	-1.02931	0.215439	0.777843	-1.28561	0.000227726	0.307159	-3.25564	0.0411557	1.57453	1.57453	0.145786	0.740139	-1.3511	0.556547	0.891735	-1.12141	0.0302063	1.63405	1.63405	7.03487	4.13664	0.522684	1
cg07649491	FAM190A	0.00837319	0.336252	1.16724	1.16724	0.00165036	0.495333	-2.01884	0.326881	0.853969	-1.171	0.182118	1.24716	1.24716	0.433059	1.13289	1.13289	0.500052	0.898733	-1.11268	0.000802849	0.454276	-2.2013	0.773014	1.04614	1.04614	0.511712	0.901407	-1.10938	6.25364	2.40923	0.342447	1
cg23572459	FAM190A	0.0113633	0.0336683	0.793771	-1.25981	0.0840003	0.836944	-1.19482	0.0520014	1.22852	1.22852	0.0111576	0.743692	-1.34464	0.147702	0.865366	-1.15558	0.0124246	0.748527	-1.33596	0.0191494	0.768038	-1.30202	0.129681	1.16464	1.16464	0.285958	1.10868	1.10868	5.67275	0.778684	0.122016	1
cg17397028	FAM190A	0.0164712	0.243264	1.7718	1.7718	0.00199319	7.72739	7.72739	0.00250115	7.15283	7.15283	0.0466863	2.90663	2.90663	0.0787569	2.49573	2.49573	0.535993	1.34124	1.34124	0.167201	1.9933	1.9933	?	?	?	0.063616	2.65633	2.65633	5.11626	15.807	3.08955	1
cg27116863	FAM190A	0.0355909	?	?	?	0.0160132	0.459704	-2.17531	0.00577832	0.385499	-2.59404	0.092506	0.61385	-1.62906	0.689386	0.899515	-1.11171	0.372594	0.785622	-1.27288	0.289211	1.3364	1.3364	0.166528	1.47523	1.47523	0.524637	0.843715	-1.18523	3.90593	3.82037	0.978096	1
cg15687147	FAM190A;FAM190A	0.000298583	7.65E-05	0.164144	-6.09223	0.00209911	0.335958	-2.97656	0.000995182	0.291503	-3.4305	0.00264977	0.350534	-2.85279	6.01E-05	0.154198	-6.48518	0.11227	0.646695	-1.54632	0.88485	0.964128	-1.03721	0.67491	1.1122	1.1122	0.00190418	0.32996	-3.03067	16.4715	16.5779	0.894634	1
cg17167581	FAM190A;FAM190A	0.000649757	0.00178118	0.347561	-2.87719	0.000296872	0.246707	-4.0534	0.00480889	0.411085	-2.43259	0.580268	1.14193	1.14193	5.12E-05	0.165005	-6.06044	0.125008	0.673968	-1.48375	0.0725981	0.621286	-1.60957	0.00905087	0.454635	-2.19957	0.801306	1.06175	1.06175	13.285	11.879	0.794816	1
cg13090587	FAM190A;FAM190A	0.00104233	0.177627	0.75401	-1.32624	0.631513	1.09991	1.09991	0.388149	0.840034	-1.19043	0.000540424	0.346349	-2.88726	0.00069739	0.360853	-2.77122	0.00017076	0.283872	-3.52271	0.062142	1.51266	1.51266	0.723023	1.07265	1.07265	0.27461	0.799295	-1.2511	11.6289	7.15346	0.546795	1
cg21302133	FAM190A;FAM190A	0.00806019	0.0117191	0.389664	-2.56631	0.000654726	0.209466	-4.77405	0.849429	0.944705	-1.05853	0.575326	1.1846	1.1846	0.00317705	0.299406	-3.33995	0.138205	0.620194	-1.6124	0.0520729	0.516137	-1.93747	0.0461846	0.504755	-1.98116	0.982019	0.993278	-1.00677	6.3292	8.97898	1.26103	1
cg24055836	FAM190A;FAM190A	0.00955179	0.316518	0.729944	-1.36997	0.248624	0.693086	-1.44282	0.00104228	0.228652	-4.37346	0.757305	0.910076	-1.09881	0.0116517	0.383507	-2.60752	0.00354249	0.300709	-3.32547	0.311682	0.727483	-1.3746	0.30783	1.37835	1.37835	0.0166322	0.411086	-2.43258	5.99779	8.77802	1.30093	1
cg15557457	FAM190A;FAM190A	0.0140593	0.202657	0.741507	-1.3486	0.943812	1.0158	1.0158	0.110841	0.67958	-1.4715	0.388254	1.21729	1.21729	0.00230309	0.387855	-2.57828	0.00121582	0.348922	-2.86597	0.0665354	0.632867	-1.58011	0.68236	0.912566	-1.09581	0.144624	0.705813	-1.41681	5.29252	4.14434	0.69605	1
cg18013066	FAM190A;FAM190A	0.0274249	0.958337	0.981127	-1.01924	0.671761	0.856029	-1.16819	0.0468925	0.436173	-2.29267	0.612365	0.829971	-1.20486	0.0446018	0.431254	-2.31882	0.168191	0.585302	-1.70852	0.00128143	0.180429	-5.54233	0.174582	1.69331	1.69331	0.120053	0.540595	-1.84981	4.21847	8.88755	1.87273	1
cg11390690	FAM190B	0.00112875	0.000307455	0.326418	-3.06356	0.803128	0.953393	-1.04889	0.00232898	0.443829	-2.25312	0.397959	0.847585	-1.17982	0.000948542	0.390042	-2.56383	0.00310317	0.461591	-2.16642	0.000456402	0.348232	-2.87165	0.82865	1.04228	1.04228	0.0595821	0.666146	-1.50117	11.3685	6.5733	0.51396	1
cg00808243	FAM190B	0.00174005	0.000198329	0.418208	-2.39115	0.5553	1.08676	1.08676	0.0194699	1.48269	1.48269	0.00719104	0.616412	-1.62229	0.622857	0.933209	-1.07157	0.0188878	0.672646	-1.48667	0.0448899	0.725412	-1.37853	0.0641029	1.33663	1.33663	0.126763	1.25901	1.25901	10.0399	3.09217	0.273768	1
cg00787726	FAM190B	0.00492334	0.00480145	0.33546	-2.98098	0.223554	1.45242	1.45242	0.130904	1.60971	1.60971	0.767621	1.09033	1.09033	0.00118706	0.249723	-4.00444	0.0625174	0.542361	-1.84379	0.0132161	0.408018	-2.45088	0.10197	1.68615	1.68615	0.0583439	0.535604	-1.86705	7.37327	9.94761	1.19924	1
cg01471006	FAM190B	0.00858995	0.00468308	0.352677	-2.83546	0.00223302	0.305121	-3.27738	0.0823846	0.5866	-1.70474	0.795166	0.930416	-1.07479	0.00243243	0.310404	-3.22161	0.361647	0.771088	-1.29687	0.00430142	0.347005	-2.8818	0.587682	0.859191	-1.16389	0.106155	0.613125	-1.63099	6.20334	7.5506	1.08194	1
cg07161872	FAM190B	0.0282141	0.0053549	0.463608	-2.15699	0.00907561	2.0035	2.0035	0.0943981	1.47012	1.47012	0.620839	1.11016	1.11016	0.561589	0.884257	-1.13089	0.88171	0.969276	-1.0317	0.193321	0.749394	-1.33441	0.381217	0.828424	-1.20711	0.370415	0.824675	-1.2126	4.17655	2.90539	0.618349	1
cg25878830	FAM190B	0.0401644	0.591412	0.910639	-1.09813	0.0271428	0.636481	-1.57114	0.0376939	0.659402	-1.51653	0.374738	1.17045	1.17045	0.425807	0.868937	-1.15083	0.13104	1.32532	1.32532	0.0208971	1.61637	1.61637	0.102417	1.36172	1.36172	0.970788	1.00635	1.00635	3.67758	1.73815	0.42012	1
cg25999827	FAM190B	0.049771	0.0215354	0.644179	-1.55236	0.0413915	0.687468	-1.45461	0.830385	0.966405	-1.03476	0.106062	1.3247	1.3247	0.287212	0.838586	-1.19248	0.0866612	1.35183	1.35183	0.038568	0.682676	-1.46482	0.625414	1.08153	1.08153	0.703563	0.940916	-1.06279	3.39405	1.36412	0.357257	1
cg09985397	FAM192A	0.0383188	0.314762	0.663443	-1.50729	0.0228045	2.93121	2.93121	0.242874	0.617319	-1.61991	0.360111	1.44971	1.44971	0.0690983	0.44807	-2.23179	0.187064	0.575823	-1.73665	0.0118894	0.289603	-3.45301	0.314158	1.50811	1.50811	0.153861	0.547383	-1.82687	3.74168	9.23214	2.19323	1
cg00350441	FAM192A;RSPRY1;RSPRY1	0.00691682	?	?	?	0.00532745	10.4955	10.4955	0.432093	1.63622	1.63622	?	?	?	0.00295779	0.0719917	-13.8905	?	?	?	0.054852	0.256717	-3.89534	0.97849	1.01664	1.01664	0.198249	2.31539	2.31539	8.18793	31.7216	4.51989	1
cg14853282	FAM193A	0.00208372	0.00355341	0.451079	-2.2169	0.249759	0.784754	-1.27428	0.00555633	0.479945	-2.08357	0.108938	1.42231	1.42231	0.00153506	0.399076	-2.50579	0.0242507	0.582016	-1.71817	0.0366932	0.613159	-1.6309	0.00617068	2.05405	2.05405	0.0356947	0.611042	-1.63655	9.52728	6.12727	0.57167	1
cg26981170	FAM193A	0.0123373	0.0106447	3.04141	3.04141	0.0149351	2.81978	2.81978	0.0131047	2.90292	2.90292	0.053721	2.13551	2.13551	0.879867	1.05378	1.05378	0.0442973	2.22596	2.22596	0.00333014	3.9914	3.9914	0.00452834	3.7066	3.7066	0.0657231	2.04477	2.04477	5.52354	10.4948	1.6889	1
cg04868219	FAM193A	0.0124152	0.00931448	0.327819	-3.05046	0.336488	1.39803	1.39803	0.10594	0.55043	-1.81676	0.0799839	1.92864	1.92864	0.00246767	0.240918	-4.1508	0.215276	0.643387	-1.55428	0.0979932	0.541339	-1.84727	0.253261	1.49695	1.49695	0.0458556	0.461231	-2.16811	5.51223	9.98001	1.60935	1
cg17566710	FAM193A	0.0207092	0.200326	0.755965	-1.32281	0.0985991	0.687578	-1.45438	0.557291	0.884487	-1.1306	0.790086	1.05673	1.05673	0.866558	0.965818	-1.03539	0.0114439	0.51974	-1.92404	0.00254852	0.420722	-2.37687	0.0364226	0.604752	-1.65357	0.00675981	0.483802	-2.06696	4.64909	3.14918	0.602111	1
cg22980079	FAM193A	0.0302701	0.896093	1.05138	1.05138	0.0118334	3.3369	3.3369	0.0453801	2.41111	2.41111	0.0270807	2.72746	2.72746	0.221893	0.611236	-1.63603	0.251251	1.58349	1.58349	0.114149	0.517395	-1.93276	0.0245002	2.79389	2.79389	0.791828	0.903546	-1.10675	4.07384	9.48601	2.0698	1
cg20031900	FAM193A	0.0345138	0.0858846	0.578563	-1.72842	0.239566	0.701137	-1.42625	0.327758	0.747334	-1.33809	0.82103	0.936764	-1.06751	0.00698846	0.365758	-2.73405	0.113378	0.608538	-1.64328	0.00326149	0.314636	-3.17828	0.948925	1.01864	1.01864	0.0300352	0.479142	-2.08706	3.88674	5.11646	1.17012	1
cg15065821	FAM193A	0.0444199	0.0277982	0.38355	-2.60722	0.406614	1.36732	1.36732	0.281382	0.661944	-1.5107	0.880433	1.05704	1.05704	0.0142076	0.328001	-3.04877	0.0953	0.508969	-1.96476	0.0733302	0.479086	-2.08731	0.447987	1.32973	1.32973	0.0155808	0.335215	-2.98316	3.54268	7.61954	1.91181	1
cg00097088	FAM193A;FAM193A	0.0177346	0.544542	0.790625	-1.26482	0.421921	1.36923	1.36923	0.164771	1.76422	1.76422	0.00372405	4.48523	4.48523	0.219529	0.609833	-1.63979	0.341198	1.45601	1.45601	0.042319	0.408267	-2.44938	0.0128953	3.26285	3.26285	0.163505	0.565728	-1.76763	4.89952	11.3862	2.06573	1
cg01634213	FAM193B;FAM193B	0.000726908	0.000281063	0.156599	-6.38574	0.981472	0.992776	-1.00728	0.015063	0.393462	-2.54154	0.30879	0.71973	-1.38941	0.0057827	0.323375	-3.09239	0.0142451	0.389095	-2.57007	4.27E-05	0.0881564	-11.3435	0.461901	0.791488	-1.26344	0.00274525	0.275146	-3.63443	12.8741	19.8763	1.37236	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19619956	FAM193B;FAM193B	0.00429693	0.0745864	0.588379	-1.69959	0.124579	1.55894	1.55894	0.168326	0.675702	-1.47994	0.013119	0.439809	-2.27371	0.00251322	0.3261	-3.06654
cg02979839	FAM193B;FAM193B	0.00985478	0.804924	1.03665	1.03665	0.0368072	1.42302	1.42302	0.00971281	0.621382	-1.60932	0.910535	1.01648	1.01648	0.824105	0.968139	-1.03291
cg17393458	FAM193B;FAM193B	0.0155751	0.0320858	0.429832	-2.32649	0.0144513	0.362915	-2.75546	0.117267	0.56431	-1.77208	0.58903	0.832419	-1.20132	0.0058431	0.297128	-3.36555
cg12345696	FAM193B;FAM193B	0.0184886	0.568329	1.12425	1.12425	0.00645459	0.452413	-2.21037	0.131174	0.712381	-1.40374	0.72032	1.07557	1.07557	0.00142429	0.33946	-2.94586
cg18104870	FAM193B;FAM193B	0.0191149	0.00334376	0.720636	-1.38766	0.80886	1.02008	1.02008	0.155666	0.882821	-1.13273	0.113619	0.868286	-1.15169	0.0805828	1.17233	1.17233
cg12152566	FAM193B;FAM193B	0.021495	0.0135319	0.27544	-3.63056	0.69337	1.18197	1.18197	0.26589	0.613173	-1.63086	0.972639	0.985635	-1.01457	0.0148751	0.282583	-3.53879
cg19658046	FAM193B;FAM193B	0.0294515	0.0372958	0.518402	-1.92901	0.19979	0.691995	-1.4451	0.509493	0.833706	-1.19946	0.265878	0.729697	-1.37043	0.0371482	0.518054	-1.9303
cg01551388	FAM193B;FAM193B	0.0355497	0.0466712	0.785307	-1.27339	0.0392955	1.28791	1.28791	0.216252	0.87104	-1.14805	0.972714	0.996378	-1.00364	0.0090592	0.703335	-1.4218
cg18478850	FAM193B;FAM193B	0.0412673	0.113209	0.460289	-2.17255	0.0163826	0.266975	-3.74567	0.585061	0.780223	-1.28169	0.893714	1.06202	1.06202	0.0122163	0.245288	-4.07683
cg00393193	FAM193B;FAM193B	0.0439769	0.55832	0.84997	-1.17651	0.513363	0.833582	-1.19964	0.498705	1.20755	1.20755	0.216266	0.69954	-1.42951	0.0092864	0.403987	-2.47533
cg04825775	FAM193B;FAM193B;FAM193B	9.17E-05	0.00142724	1.31061	1.31061	0.0315657	0.862591	-1.1593	0.00203262	0.774855	-1.29056	0.00386015	1.2564	1.2564	0.0152844	1.19079	1.19079
cg13683440	FAM194A	0.000684695	0.415738	1.05865	1.05865	0.000178699	0.647322	-1.54483	0.756721	0.978933	-1.02152	0.00423494	0.769254	-1.29996	0.0182078	0.82166	-1.21705
cg21422424	FAM194A	0.020332	0.863015	0.958239	-1.04358	0.001088	3.28967	3.28967	0.00538789	2.47193	2.47193	0.351196	0.788986	-1.26745	0.919588	0.975365	-1.02526
cg12894250	FAM194B	6.79E-05	0.0339027	0.799148	-1.25133	0.0438298	1.23337	1.23337	1.40E-05	0.440138	-2.27202	0.0491096	0.815986	-1.22551	0.920791	0.991036	-1.00905
cg06215457	FAM194B	0.0024972	0.6395	0.938318	-1.06574	0.00507548	1.64859	1.64859	0.811581	1.03275	1.03275	0.744861	1.04505	1.04505	0.628108	0.93625	-1.06809
cg04109535	FAM194B	0.00539334	0.659255	0.88953	-1.12419	0.856994	1.04874	1.04874	0.000299292	0.211828	-4.72082	0.0877684	1.64399	1.64399	0.00301056	0.341973	-2.92421
cg25481672	FAM194B	0.00862041	0.0109788	0.430693	-2.32184	0.97114	1.00959	1.00959	0.00159368	0.302455	-3.30628	0.638517	0.882591	-1.13303	0.0257812	0.497165	-2.01141
cg04812484	FAM194B	0.010056	0.800962	0.982116	-1.01821	0.0123925	0.800614	-1.24904	0.00233767	1.35461	1.35461	0.130282	0.889819	-1.12382	0.876453	0.988947	-1.01118
cg07312701	FAM194B	0.0413887	0.0569297	0.747887	-1.3371	0.0418627	1.37197	1.37197	0.967064	1.00558	1.00558	0.249458	0.850186	-1.17621	0.290269	0.862438	-1.1595
cg05399692	FAM194B	0.0455596	0.586331	1.18701	1.18701	0.0204301	2.391	2.391	0.0523336	0.502324	-1.99075	0.151095	1.61611	1.61611	0.230943	0.675655	-1.48005
cg20483324	FAM194B;FAM194B	0.00772936	0.793213	1.09168	1.09168	0.460149	0.777964	-1.28541	0.723125	0.888013	-1.12611	0.871169	1.05568	1.05568	0.200411	0.636634	-1.57076
cg04145621	FAM195A	9.61E-06	0.0290369	0.818468	-1.22179	5.17E-05	1.8034	1.8034	3.61E-07	0.319421	-3.13066	0.394992	1.07017	1.07017	0.301565	1.0869	1.0869
cg08774802	FAM195A	0.000577372	0.382063	0.928667	-1.07681	0.19961	0.894159	-1.11837	0.375787	0.927709	-1.07792	0.0858564	1.16965	1.16965	0.423285	1.06985	1.06985
cg14257263	FAM195A	0.000613177	0.000257937	0.375934	-2.66004	0.000175596	0.355178	-2.81549	0.00636818	0.561239	-1.78177	0.00316485	0.518981	-1.92685	0.000471902	0.409216	-2.44369
cg07284546	FAM195A	0.00148906	0.246004	0.827339	-1.2087	0.0259365	0.661648	-1.51138	0.341916	1.1653	1.1653	0.158268	1.26571	1.26571	7.07E-05	0.322295	-3.10275
cg01973862	FAM195A	0.00214367	0.369495	1.1928	1.1928	0.343266	1.20535	1.20535	0.629609	1.09742	1.09742	0.531091	1.12904	1.12904	0.548282	0.89029	-1.12323
cg07843956	FAM195A	0.00234207	0.000882429	0.18984	-5.26758	0.704365	1.13551	1.13551	0.918097	1.03488	1.03488	0.00855685	0.326858	-3.05943	0.00503552	0.29034	-3.44424
cg16515381	FAM195B;FAM195B	0.002664	0.00126394	0.105404	-9.48726	0.00192344	0.122512	-8.16243	0.566019	1.31969	1.31969	0.0337858	0.305693	-3.27126	0.0011106	0.100518	-9.94848
cg21659714	FAM195B;FAM195B	0.00334556	0.0223914	1.70092	1.70092	0.247075	1.26485	1.26485	0.0319049	0.613778	-1.62925	0.0579907	1.51592	1.51592	0.0900726	0.695815	-1.43716
cg08009275	FAM195B;FAM195B	0.0118036	0.00765816	0.229484	-4.3576	0.7016	1.17977	1.17977	0.382584	0.680786	-1.46889	0.663373	0.828563	-1.20691	0.0201204	0.300028	-3.33302
cg19733833	FAM195B;FAM195B	0.0385151	0.779159	0.975046	-1.02559	0.0342097	1.24872	1.24872	0.287302	1.10442	1.10442	0.0256958	1.26895	1.26895	0.190418	1.13275	1.13275
cg05309454	FAM195B;FAM195B;DYSFIP1	0.0422698	0.0196534	0.748672	-1.3357	0.0142057	0.732951	-1.36435	0.327016	0.901299	-1.10951	0.173835	0.861916	-1.16021	0.110834	0.836593	-1.19532
cg04128746	FAM196A;DOCK1	0.000337262	0.00612186	0.609735	-1.64006	1.45E-05	3.48236	3.48236	0.115807	1.26667	1.26667	0.298402	1.16075	1.16075	0.00526091	0.601148	-1.66348
cg03129384	FAM196A;DOCK1	0.000338021	0.713339	0.956115	-1.0459	0.000636981	1.8926	1.8926	8.44E-06	3.25327	3.25327	0.501966	0.920464	-1.08641	0.288716	0.874633	-1.14334
cg23240294	FAM196A;DOCK1	0.00469443	0.618604	0.895917	-1.11617	0.00184985	0.379884	-2.63239	0.00167146	0.373681	-2.67608	0.82379	0.952334	-1.05005	0.0014554	0.365292	-2.73753
cg18441102	FAM196A;DOCK1	0.0106844	0.0904057	0.3909	-2.5582	0.014758	0.220784	-4.5293	0.21412	0.517646	-1.93182	0.382907	0.637338	-1.56903	0.0380256	0.297965	-3.3561
ch.10.2770541F	FAM196A;DOCK1	0.0217089	0.00228479	0.120946	-8.26816	0.0346426	0.29527	-3.38673	0.13849	0.453904	-2.20311	0.00765358	0.18308	-5.4621	0.0269802	0.273312	-3.65882
cg25321212	FAM196A;DOCK1	0.0440715	0.12438	2.04366	2.04366	0.0242713	3.16962	3.16962	0.66539	0.82951	-1.20553	0.242417	1.69139	1.69139	0.00466194	5.03446	5.03446
cg13692121	FAM196B;DOCK2	0.00321554	0.669382	0.923623	-1.08269	0.000372827	0.348904	-2.86612	0.00221038	0.452307	-2.21089	0.504398	0.882227	-1.1335	0.846244	0.964727	-1.03656
cg06468626	FAM196B;DOCK2	0.00514261	0.0152618	0.382052	-2.61745	0.350238	0.733047	-1.36417	0.0141681	0.376223	-2.658	0.0116373	0.361126	-2.76912	0.00553671	0.308098	-3.24572
cg03850213	FAM196B;DOCK2	0.00729546	0.0278102	0.449504	-2.22468	0.212514	0.667777	-1.4975	0.0037858	0.300795	-3.32452	0.24432	1.45437	1.45437	0.00535555	0.323696	-3.08932
cg22809017	FAM196B;DOCK2	0.0209766	0.00257813	0.205247	-4.87219	0.0909178	0.493699	-2.02552	0.0375753	0.40077	-2.49519	0.328628	0.682397	-1.46542	0.864286	0.937219	-1.06699
cg24069653	FAM196B;DOCK2	0.0311525	0.0359764	0.368681	-2.71237	0.0332766	0.361429	-2.76679	0.0326763	0.359756	-2.77966	0.628097	0.819014	-1.22098	0.0115513	0.27477	-3.63941
cg27068707	FAM196B;DOCK2	0.0319117	0.147806	1.69468	1.69468	0.346191	0.719249	-1.39034	0.0334888	0.430033	-2.3254	0.848219	0.936983	-1.06726	0.00894132	0.323135	-3.09468
cg00357551	FAM196B;DOCK2;FAM196B	0.00506801	0.956357	0.987137	-1.01303	0.187863	0.718819	-1.39117	0.000431456	3.73319	3.73319	0.774984	0.934446	-1.07015	0.462514	1.19354	1.19354
cg05883695	FAM198A	0.000918131	0.000275369	0.222384	-4.49672	0.0621081	0.58854	-1.69912	0.000225377	0.212563	-4.70448	0.34596	0.782729	-1.27758	0.000138587	0.189731	-5.27061
cg23432932	FAM198A	0.0292585	0.0276994	0.281533	-3.55199	0.848185	1.09783	1.09783	0.036602	0.3064	-3.2637	0.673239	0.813373	-1.22945	0.000783571	0.0843088	-11.8612
cg06369090	FAM198A;FAM198A	0.00516632	0.927721	0.973459	-1.02727	0.805077	1.07606	1.07606	0.17689	1.53047	1.53047	0.0583884	0.530411	-1.88533	?	?	?
cg05982399	FAM198A;FAM198A	0.0142137	0.515855	1.07592	1.07592	0.0474736	0.77739	-1.28636	0.10227	0.819875	-1.2197	0.57573	0.939134	-1.06481	0.000887913	1.73853	1.73853
cg14796908	FAM198B;FAM198B;FAM198B	0.000153464	0.300655	0.867724	-1.15244	3.40E-05	0.345835	-2.89155	6.98E-05	0.382665	-2.61325	0.00577898	0.619773	-1.61349	0.0168578	0.679957	-1.47068
cg03996539	FAM198B;FAM198B;FAM198B	0.00194429	0.00665935	0.340183	-2.9396	0.000455465	0.184279	-5.42655	0.00813553	0.354344	-2.82211	0.0167768	0.409067	-2.44459	0.00274982	0.282126	-3.54452
cg02140579	FAM198B;FAM198B;FAM198B	0.0226675	0.344231	1.18457	1.18457	0.02661	1.57909	1.57909	0.385092	0.856574	-1.16744	0.105861	0.735587	-1.35946	0.912883	1.01921	1.01921
cg00547103	FAM198B;FAM198B;FAM198B	0.0298866	0.27018	0.765541	-1.30626	0.0264357	1.84492	1.84492	0.0871679	0.644351	-1.55195	0.193515	0.726031	-1.37735	0.384961	1.23032	1.23032
cg21186449	FAM19A1	5.97E-06	0.276906	1.16686	1.16686	0.000203879	2.33874	2.33874	0.179863	1.21454	1.21454	0.270056	1.16966	1.16966	0.878099	1.02117	1.02117
cg09398550	FAM19A1	7.00E-06	0.011371	0.551295	-1.81391	8.25E-05	3.79229	3.79229	0.108119	1.3902	1.3902	0.365209	1.19107	1.19107	0.302872	1.2221	1.2221
cg13066983	FAM19A1	2.69E-05	0.259904	0.764526	-1.308	2.38E-05	6.86118	6.86118	0.0147846	1.98433	1.98433	0.0145741	1.9885	1.9885	0.281339	1.29151	1.29151
cg10131312	FAM19A1	5.85E-05	0.563773	0.890853	-1.12252	0.000121277	3.77919	3.77919	0.28533	0.8027	-1.24579	0.149289	1.35831	1.35831	0.975148	1.00619	1.00619
cg20838162	FAM19A1	0.000100251	0.395424	1.12872	1.12872	8.64E-05	2.66515	2.66515	0.0138012	0.654794	-1.5272	0.000132684	0.397734	-2.51424	0.0223619	0.683332	-1.46342
cg00318796	FAM19A1	0.00012758	0.0134278	0.729802	-1.37024	0.855463	0.981413	-1.01894	0.402036	0.915534	-1.09226	0.0556344	1.25001	1.25001	0.171475	1.1616	1.1616
cg08371086	FAM19A1	0.0059525	0.833661	0.952088	-1.05032	0.972374	0.991948	-1.00812	0.00609146	0.433444	-2.3071	0.8511	0.957075	-1.04485	0.00334792	0.393719	-2.53988
cg03530364	FAM19A1	0.0061319	0.750319	1.07432	1.07432	0.219551	1.3363	1.3363	0.0140439	1.97571	1.97571	0.022849	1.84327	1.84327	0.747648	1.07518	1.07518
cg12656851	FAM19A1	0.016211	0.00608035	0.0788582	-12.681	0.0131083	0.112839	-8.86221	0.0668562	0.232955	-4.29268	0.374733	0.524099	-1.90804	0.143972	0.328506	-3.04408
cg09388113	FAM19A1	0.0251465	0.707482	0.935769	-1.06864	0.419576	0.864815	-1.15632	0.0141876	0.586904	-1.70385	0.789805	0.954038	-1.04818	0.0247002	0.624376	-1.6016
cg13715590	FAM19A1	0.0415618	0.162112	0.607385	-1.6464	0.0259771	2.4176	2.4176	0.385297	0.742814	-1.34623	0.996772	0.99865	-1.00135	0.00808858	0.322109	-3.10454
cg02042710	FAM19A2	5.37E-05	0.146044	0.737489	-1.35595	0.00457574	0.478709	-2.08895	0.00705501	0.506874	-1.97288	0.00964218	0.5277	-1.89502	2.51E-05	0.195405	-5.11757
cg25313447	FAM19A2	6.23E-05	2.83E-06	0.11936	-8.37803	0.496858	1.13971	1.13971	0.0010151	0.396894	-2.51957	0.858627	1.03438	1.03438	0.00305715	0.463465	-2.15766
cg09741713	FAM19A2	8.21E-05	5.19E-06	0.196044	-5.1009	0.305134	0.846044	-1.18197	0.000679615	0.441516	-2.26493	0.000499374	0.424285	-2.35691	0.000844945	0.453792	-2.20365
cg10081664	FAM19A2	9.80E-05	3.18E-06	0.143894	-6.94956	0.38632	1.16869	1.16869	0.00421726	0.510396	-1.95926	0.00857882	0.555151	-1.80131	0.0159824	0.595846	-1.67829
cg07000713	FAM19A2	0.00016734	3.38E-06	0.0526867	-18.9801	0.0791442	0.592246	-1.68849	0.000329549	0.210467	-4.75134	0.103231	0.619426	-1.6144	0.00208776	0.312272	-3.20234
cg15319470	FAM19A2	0.00309669	0.000346829	0.246318	-4.05979	0.00311635	2.67611	2.67611	0.160875	0.694444	-1.44	0.0794152	0.622469	-1.60651	0.00917553	0.446853	-2.23787
cg11885965	FAM19A2	0.0042066	0.575967	0.924502	-1.08166	0.00223774	0.55175	-1.81242	0.00761013	0.620772	-1.6109	0.127492	1.25728	1.25728	0.819602	0.968763	-1.03224
cg23767318	FAM19A2	0.00747202	0.0291268	0.350041	-2.85681	0.0964232	0.474648	-2.10682	0.141284	0.524222	-1.90759	0.726321	1.15427	1.15427	0.000652728	0.118446	-8.4427
cg12024564	FAM19A2	0.00953466	0.00469549	0.324849	-3.07835	0.406378	0.775562	-1.28939	0.0237384	0.445864	-2.24284	0.0285902	0.461685	-2.16598	0.00675013	0.349639	-2.8601
cg23257289	FAM19A2	0.00956669	0.00155315	0.240499	-4.15801	0.0644329	1.91686	1.91686	0.031871	0.454871	-2.19843	0.200958	1.52659	1.52659	0.0613507	0.516727	-1.93526
cg16818505	FAM19A2	0.019967	0.0154122	0.243533	-4.10622	0.00180186	0.121338	-8.24145	0.0333799	0.306888	-3.25851	0.608478	0.782328	-1.27824	0.403219	0.666027	-1.50144
cg24480012	FAM19A2	0.0433611	0.524914	0.555587	-1.7999	0.0148631	0.0650187	-15.3802	0.0601063	0.144489	-6.92094	0.848618	1.19044	1.19044	0.0374318	0.11048	-9.0514
cg26133399	FAM19A2	0.0446258	0.0562646	0.25771	-3.88033	0.0136722	0.147664	-6.77214	0.115489	0.341891	-2.92491	0.914694	1.06952	1.06952	0.0279866	0.19624	-5.09579
cg15736338	FAM19A2;FAM19A2	0.000585921	0.988717	1.00289	1.00289	0.972149	0.992902	-1.00715	0.602873	1.11305	1.11305	0.0589794	1.54514	1.54514	9.88E-06	6.94356	6.94356
cg00089798	FAM19A2;FAM19A2	0.00218846	0.853406	0.966291	-1.03489	0.214632	1.27403	1.27403	0.000360846	2.8879	2.8879	0.0716979	1.45179	1.45179	0.000623106	0.376914	-2.65312
cg12243597	FAM19A2;FAM19A2	0.0201305	0.021917	0.629862	-1.58765	0.00184206	2.1034	2.1034	0.546711	1.10798	1.10798	0.20311	0.797825	-1.25341	0.90978	0.981124	-1.01924
cg15070208	FAM19A3;FAM19A3	0.000379732	0.572224	1.10291	1.10291	0.658106	1.07943	1.07943	0.371033	0.854155	-1.17075	0.109579	1.34904	1.34904	0.473765	0.88246	-1.1332
cg00342891	FAM19A3;FAM19A3	0.00336173	0.120839	0.692141	-1.44479	0.00329339	0.416525	-2.40082	0.0101545	0.492056	-2.03229	0.168263	0.725305	-1.37873	0.000466938	0.300168	-3.33146
cg26190476	FAM19A3;FAM19A3	0.00503519	0.0902667	0.572165	-1.74775	0.0335462	2.1015	2.1015	0.939919	0.977708	-1.0228	0.291752	1.38704	1.38704	0.00515721	0.331325	-3.01818
cg19675955	FAM19A3;FAM19A3	0.00999602	0.276461	1.24056	1.24056	0.339088	0.828917	-1.20639	0.000355543	0.335618	-2.97958	0.239607	1.26427	1.26427	0.255056	0.797493	-1.25393
cg16716189	FAM19A3;FAM19A3	0.0164807	0.206327	0.603841	-1.65606	0.0304104	2.61919	2.61919	0.217793	1.63336	1.63336	0.568294	1.24389	1.24389	0.0375574	0.401277	-2.49204
cg23746359	FAM19A3;FAM19A3	0.0316984	0.197414	0.661983	-1.51061	0.00555502	3.013	3.013	0.522303	1.21692	1.21692	0.121004	1.6637	1.6637	0.0661935	0.53586	-1.86616
cg12417685	FAM19A4;FAM19A4	5.48E-05	0.524657	0.930667	-1.0745	7.67E-05	0.449943	-2.2225	0.138137	0.836996	-1.19475	0.254327	0.875762	-1.14186	0.000939608	0.576941	-1.73328
cg15734409	FAM19A4;FAM19A4	8.06E-05	0.0530357	0.684995	-1.45986	0.00145209	0.45308	-2.20712	0.00095945	0.428933	-2.33137	0.130367	0.754912	-1.32466	6.71E-05	0.284641	-3.51319
cg14581287	FAM19A4;FAM19A4	0.000620037	0.354044	1.11581	1.11581	0.0148092	1.41142	1.41142	0.00226084	0.611973	-1.63406	0.203085	1.16697	1.16697	0.00199291	0.605535	-1.65143
cg19508285	FAM19A4;FAM19A4	0.00263195	0.00261707	0.153487	-6.5152	0.00171897	0.133711	-7.47881	0.00931411	0.226849	-4.40821	0.39571	0.676272	-1.4787	0.00212696	0.143477	-6.96976
cg09868336	FAM19A4;FAM19A4	0.0204611	0.0334586	0.670076	-1.49237	0.00583391	0.558972	-1.789	0.609966	1.08643	1.08643	0.728415	0.94538	-1.05778	0.0622221	0.713023	-1.40248
cg22996308	FAM19A4;FAM19A4	0.0278685	0.377032	0.736577	-1.35763	0.00870242	0.323792	-3.0884	0.00939491	0.329331	-3.03646	0.0156445	0.368064	-2.71692	0.0448127	0.459875	-2.1745
cg16725723	FAM19A4;FAM19A4	0.02805	0.0319567	0.750191	-1.33299	0.220497	0.863027	-1.15871	0.654879	0.949849	-1.0528	0.0279943	0.743133	-1.34565	0.0519925	1.28766	1.28766
cg15356923	FAM19A4;FAM19A4	0.0397012	0.00883073	65.1196	65.1196	0.101234	9.47047	9.47047	0.0218981	31.3507	31.3507	0.103842	9.28166	9.28166	0.801814	0.729739	-1.37035
cg22871175	FAM19A4;FAM19A4	0.0493603	0.0186634	0.284577	-3.51399	0.143749	0.500375	-1.9985	0.605861	0.794984	-1.25789	0.331711	0.643113	-1.55494	0.0073017	0.217644	-4.59465
cg14984160	FAM19A5	0.000112761	0.000811251	0.562942	-1.77638	0.00689927	0.67177	-1.4886	0.427015	0.911868	-1.09665	0.864426	1.01963	1.01963	3.51E-06	0.289329	-3.45627
cg00743803	FAM19A5	0.000583387	0.000319979	0.330794	-3.02303	0.370878	0.839865	-1.19067	0.000305135	0.328199	-3.04693	0.0183117	0.58054	-1.72253	0.00178381	0.429758	-2.32689
cg26700320	FAM19A5	0.00222614	0.478025	1.13719	1.13719	0.663727	1.08108	1.08108	0.00317055	0.487537	-2.05113	0.0982917	1.38148	1.38148	0.0814493	1.41086	1.41086
cg04304705	FAM19A5	0.00397222	0.847951	1.07767	1.07767	0.00119051	6.36912	6.36912	0.0297756	2.70898	2.70898	0.210588	1.67206	1.67206	0.0247466	0.352857	-2.83401
cg12502098	FAM19A5	0.00515741	0.0995204	1.39623	1.39623	0.0138814	1.7542	1.7542	0.147067	1.33333	1.33333	0.47905	0.87543	-1.1423	0.00540113	0.508115	-1.96806
cg24343361	FAM19A5	0.00670316	0.0713217	0.631603	-1.58327	0.000731342	3.22566	3.22566	0.0757712	1.56969	1.56969	0.0460048	1.68484	1.68484	0.148057	0.701887	-1.42473
cg13872278	FAM19A5	0.0115528	0.0739556	0.685211	-1.4594	0.0577724	1.50262	1.50262	0.00925743	0.534251	-1.87178	0.0635885	0.67308	-1.48571	0.00392519	0.478682	-2.08907
cg12454595	FAM19A5	0.0131512	0.0625336	0.759976	-1.31583	0.850849	1.02495	1.02495	0.184726	1.20226	1.20226	0.114168	0.798504	-1.25234	0.072378	0.769092	-1.30023
cg25895695	FAM19A5	0.0137731	0.00503455	0.336491	-2.97185	0.328348	0.74364	-1.34474	0.0966221	1.70831	1.70831	0.670885	0.882065	-1.1337	0.00332064	0.309181	-3.23435
cg00147509	FAM19A5	0.0141377	0.00875125	0.181999	-5.49453	0.0579048	0.33496	-2.98544	0.421434	0.657716	-1.52041	0.14178	0.446679	-2.23874	0.0100756	0.19078	-5.24164
cg07416315	FAM19A5	0.0169401	0.0638985	1.54376	1.54376	0.00342492	2.29121	2.29121	0.0125746	0.523582	-1.90992	0.143013	1.38846	1.38846	0.211593	0.760044	-1.31571
cg14894848	FAM19A5	0.01961	0.87726	0.941031	-1.06266	0.00313938	4.89351	4.89351	0.606043	1.22702	1.22702	0.392657	1.41111	1.41111	0.0254975	0.352073	-2.84032
cg15187790	FAM19A5	0.0198194	0.0131633	0.206496	-4.8427	0.00585781	0.157072	-6.36649	0.416858	0.653251	-1.53081	0.373437	0.62571	-1.59818	0.00934385	0.184209	-5.4286
cg07142833	FAM19A5	0.0291864	0.0167688	0.673832	-1.48405	0.434669	0.897807	-1.11382	0.388799	0.887414	-1.12687	0.183677	0.826333	-1.21017	0.608051	1.07246	1.07246
cg03312805	FAM19A5	0.0394194	0.594344	0.848297	-1.17883	0.0891314	1.77505	1.77505	0.0144778	2.5148	2.5148	0.0443071	0.493079	-2.02807	0.748561	0.906254	-1.10344
cg06273376	FAM19A5;FAM19A5	0.000548554	0.262476	1.15875	1.15875	0.013538	1.47018	1.47018	0.0187241	1.43232	1.43232	0.618403	0.938635	-1.06538	0.0610774	1.30498	1.30498
cg11562401	FAM19A5;FAM19A5	0.000618447	0.701934	0.9589	-1.04286	0.0972239	0.819839	-1.21975	2.34E-05	0.397608	-2.51504	0.337644	1.11392	1.11392	0.0217365	0.740327	-1.35075
cg18530762	FAM19A5;FAM19A5	0.00244297	0.265698	0.924944	-1.08115	0.240692	0.920693	-1.08614	0.973718	0.997786	-1.00222	0.0400409	0.852457	-1.17308	0.45195	0.949756	-1.0529
cg02420032	FAM19A5;FAM19A5	0.00264386	0.458852	0.811868	-1.23173	0.8912	1.03854	1.03854	0.296709	0.741586	-1.34846	0.905922	0.967858	-1.03321	5.70E-05	0.126879	-7.88155
cg07959986	FAM19A5;FAM19A5	0.00272855	0.61114	1.10262	1.10262	0.175345	1.31597	1.31597	0.0852513	0.695937	-1.43691	0.900554	0.976464	-1.0241	0.000300847	0.326293	-3.06473
cg19203800	FAM19A5;FAM19A5	0.0031513	0.487406	0.826512	-1.2099	0.697939	1.11107	1.11107	0.961374	0.987006	-1.01316	0.0845959	0.597412	-1.67389	0.00151389	0.291155	-3.4346
cg02582669	FAM19A5;FAM19A5	0.00351919	0.491166	0.799723	-1.25043	0.00531891	3.23408	3.23408	0.122675	0.585915	-1.70673	0.092788	0.553715	-1.80598	0.0017979	0.241885	-4.13419
cg01775468	FAM19A5;FAM19A5	0.00953439	0.0241042	0.343506	-2.91116	0.765773	1.12602	1.12602	0.980848	0.99051	-1.00958	0.938512	1.03112	1.03112	0.00072035	0.129475	-7.72347
cg19122206	FAM19A5;FAM19A5	0.0120812	0.515671	0.871912	-1.1469	0.00209646	0.406572	-2.45959	0.31826	0.806932	-1.23926	0.191218	1.33345	1.33345	0.0738767	0.660806	-1.5133
cg12986453	FAM19A5;FAM19A5	0.0142734	0.000756839	0.284842	-3.51072	0.344772	1.2704	1.2704	0.15112	1.45988	1.45988	0.447805	1.20957	1.20957	0.273137	1.32378	1.32378
cg04382374	FAM19A5;FAM19A5	0.0152696	0.797233	0.975251	-1.02538	0.891992	0.986863	-1.01331	0.0178618	1.32343	1.32343	0.885416	1.01413	1.01413	0.00712644	0.71298	-1.40256
cg24094706	FAM19A5;FAM19A5	0.0156393	0.0493619	0.579404	-1.72591	0.391075	1.23839	1.23839	0.0251044	0.522963	-1.91218	0.295532	0.768023	-1.30204	0.0525151	0.58485	-1.70984
cg02905830	FAM19A5;FAM19A5	0.0189517	0.178209	0.589685	-1.69582	0.620432	0.831669	-1.2024	0.132803	0.549467	-1.81995	0.582715	0.814752	-1.22737	0.0532488	0.444507	-2.24968
cg22989103	FAM19A5;FAM19A5	0.0210002	0.379474	0.723749	-1.38169	0.763236	1.11442	1.11442	0.853037	0.935664	-1.06876	0.24677	0.64771	-1.5439	?	?	?
cg00481629	FAM19A5;FAM19A5	0.0225569	0.749289	0.934454	-1.07014	0.00388275	2.27561	2.27561	0.201987	1.32957	1.32957	0.759938	0.937253	-1.06695	0.146689	0.719385	-1.39008
cg22682460	FAM19A5;FAM19A5	0.0244386	0.600431	1.17651	1.17651	0.0242835	0.437851	-2.28388	0.925169	0.971519	-1.02932	0.842791	1.06298	1.06298	0.000893443	0.216528	-4.61834
cg00627846	FAM19A5;FAM19A5	0.0402433	0.0552571	0.358057	-2.79285	0.341558	1.58916	1.58916	0.816348	1.11623	1.11623	0.56424	0.759196	-1.31718	0.00672188	0.18991	-5.26565
cg20640347	FAM19A5;FAM19A5	0.0406996	0.640194	0.948745	-1.05402	0.248965	0.873996	-1.14417	0.283471	1.13263	1.13263	0.223238	0.866728	-1.15376	0.74084	1.03779	1.03779
cg19579080	FAM20A	0.000214156	0.0509954	0.570217	-1.75372	0.831783	0.947663	-1.05523	0.205872	0.713743	-1.40107	0.831773	1.05523	1.05523	1.71E-06	0.0484399	-20.6441
cg01036409	FAM20A	0.0172288	0.00247261	0.188562	-5.30328	0.867041	0.935729	-1.06869	0.193585	1.72523	1.72523	0.154117	0.54616	-1.83096	0.0668131	0.442789	-2.25841
cg01697732	FAM20A	0.0274399	0.96822	0.976684	-1.02387	?	?	?	?	?	?	0.62962	1.33344	1.33344	?	?	?
cg11058154	FAM20A	0.0287101	0.878651	0.904418	-1.10568	0.518868	1.53728	1.53728	0.736041	0.800536	-1.24916	0.924829	0.939832	-1.06402	0.00992975	0.117481	-8.51202
cg10374534	FAM20A;FAM20A	0.0127956	0.0169044	0.31663	-3.15826	0.0335694	0.375383	-2.66395	0.00392882	0.216206	-4.62522	0.0200879	0.330599	-3.02481	0.00672178	0.249802	-4.00317
cg23891286	FAM20B	4.31E-07	4.48E-07	0.0352202	-28.3928	0.771279	1.0708	1.0708	0.000174628	0.224342	-4.45749	0.582621	1.13911	1.13911	3.24E-08	0.00924871	-108.123
cg09510979	FAM20B	7.13E-07	5.69E-07	0.0730569	-13.688	0.0659119	0.676683	-1.4778	0.0090093	0.533388	-1.87481	0.392016	1.18056	1.18056	4.17E-08	0.0257634	-38.8147
cg01426743	FAM20B	0.000169321	5.70E-05	0.116446	-8.58768	0.0201917	0.446559	-2.23935	0.0183922	0.439031	-2.27774	0.291339	0.72971	-1.37041	1.58E-05	0.0769244	-12.9998
cg12629244	FAM20B	0.000420457	0.00119698	0.215581	-4.63862	0.0837871	1.85615	1.85615	0.643932	1.16235	1.16235	0.263616	1.45742	1.45742	1.81E-05	0.0590743	-16.9278
cg17252808	FAM20B	0.00187174	0.530351	1.20725	1.20725	0.233457	0.690622	-1.44797	0.00102464	4.23011	4.23011	0.330552	1.34649	1.34649	0.266169	0.70942	-1.4096
cg22164287	FAM20B	0.0174587	0.649745	1.14572	1.14572	0.147861	1.58717	1.58717	0.794144	1.08091	1.08091	0.00151327	0.256776	-3.89444	0.0957282	0.580153	-1.72368
cg14413378	FAM20B	0.0311039	0.0946765	0.647155	-1.54523	0.703444	1.09484	1.09484	0.9846	1.00458	1.00458	0.323212	0.785261	-1.27346	0.00104909	0.317021	-3.15436
cg04705068	FAM20B	0.0324262	0.0322869	1.37113	1.37113	0.536288	0.924181	-1.08204	0.0318279	0.728504	-1.37268	0.0120731	1.48298	1.48298	0.173249	0.833227	-1.20015
cg05822618	FAM20B	0.0482572	0.889425	1.02272	1.02272	0.0891108	1.35365	1.35365	0.447124	0.882373	-1.13331	0.0676841	1.39177	1.39177	0.0644987	1.39853	1.39853

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19619956	0.00178545	0.305083	-3.2778	0.00565451	0.379248	-2.6368	0.744079	0.916245	-1.09141	0.00421478	0.359434	-2.78215	7.68449	8.6778	1.00379	1
cg02979839	0.007457	0.605832	-1.65062	0.00187334	0.526495	-1.89936	0.431743	1.1238	1.1238	0.489322	0.902886	-1.10756	5.93832	1.98979	0.297846	1
cg17393458	0.0607956	0.491262	-2.03557	0.00595039	0.298358	-3.35168	0.00401981	0.272625	-3.66804	0.0559699	0.482844	-2.07106	5.11654	9.16399	1.59205	1
cg12345696	?	?	?	0.319157	0.809943	-1.23466	0.999717	1.00007	1.00007	0.692184	1.084	1.084	6.34191	3.48084	0.411647	1
cg18104870	0.0910178	1.16501	1.16501	0.440173	0.937457	-1.06672	0.900454	0.989786	-1.01032	0.0110064	0.76975	-1.29912	4.77731	0.509267	0.0947566	1
cg12152566	0.0211447	0.310504	-3.22057	0.00408532	0.196763	-5.08225	0.0192855	0.30298	-3.30055	0.179433	0.547933	-1.82504	4.59032	12.9398	2.50571	1
cg19658046	0.122456	0.634482	-1.57609	0.00400425	0.349518	-2.86109	0.00304206	0.331686	-3.0149	0.310145	0.751674	-1.33036	4.11367	4.81335	1.04008	1
cg01551388	0.792909	0.97247	-1.02831	0.62809	1.05316	1.05316	0.257668	1.13352	1.13352	0.0393759	0.776559	-1.28773	3.84536	0.685594	0.158481	1
cg18478850	0.0736286	0.407513	-2.45391	0.00781014	0.215021	-4.6507	0.0454174	0.355974	-2.80919	0.28845	0.608944	-1.64219	3.64098	11.683	2.85223	1
cg00393193	0.0051908	0.36311	-2.75399	0.0942699	0.603416	-1.65723	0.684919	1.11854	1.11854	0.0565348	0.552768	-1.80908	3.55596	4.24693	1.06161	1
cg04825775	0.497064	0.960379	-1.04126	1.28E-05	0.584109	-1.71201	0.0083166	1.21869	1.21869	0.0366713	1.15297	1.15297	22.658	1.23365	0.0483968	1
cg13683440	0.0631164	1.15399	1.15399	0.00127259	0.724653	-1.37997	0.240337	0.919218	-1.08788	0.00322365	1.31704	1.31704	13.0918	0.97344	0.0660935	1
cg21422424	0.989621	1.00322	1.00322	0.676945	0.901678	-1.10904	0.692812	0.906579	-1.10305	0.499995	1.18426	1.18426	4.6783	4.52091	0.858984	1
cg12894250	1.88E-05	0.454778	-2.19888	7.63E-05	0.522459	-1.91403	0.0221705	0.780145	-1.28181	0.0016657	0.665529	-1.50257	24.5505	3.18694	0.115388	1
cg06215457	0.0943106	1.28174	1.28174	0.000140287	0.411814	-2.42828	0.0178692	0.678079	-1.47475	0.587582	1.0767	1.0767	9.03502	2.60611	0.256396	1
cg04109535	0.392334	0.793597	-1.26009	0.304845	0.755545	-1.32355	0.478851	0.827022	-1.20916	0.0207618	0.479809	-2.08416	7.17051	7.90337	0.979737	1
cg25481672	0.00907771	0.416804	-2.39921	0.0049488	0.374436	-2.67068	0.361014	0.780476	-1.28127	0.0104767	0.427245	-2.34058	6.1964	6.83724	0.980819	1
cg04812484	0.546048	0.957294	-1.04461	0.0357884	1.19066	1.19066	0.948717	1.00461	1.00461	0.0150456	1.23797	1.23797	5.90008	0.476866	0.0718432	1
cg07312701	0.880872	0.979982	-1.02043	0.0161278	0.672364	-1.48729	0.0320749	0.712775	-1.40297	0.178035	1.21285	1.21285	3.63702	1.0473	0.255959	1
cg05399692	0.458109	1.26584	1.26584	0.131233	1.66263	1.66263	0.0342478	2.16132	2.16132	0.0641195	1.91387	1.91387	3.50924	5.41034	1.37044	1
cg20483324	0.991127	1.00372	1.00372	9.74E-05	0.098984	-10.1026	0.50569	1.25292	1.25292	0.389039	1.34276	1.34276	6.41314	11.3225	1.56935	1
cg04145621	0.223116	0.905148	-1.10479	0.0010544	1.45817	1.45817	0.341076	0.926469	-1.07937	0.0163622	0.795752	-1.25667	40.986	3.93409	0.0853212	1
cg08774802	0.044224	1.21022	1.21022	1.01E-05	0.457435	-2.1861	0.711694	1.03112	1.03112	0.104235	1.15792	1.15792	13.7302	1.48195	0.0959408	1
cg14257263	0.0206133	0.635363	-1.5739	0.0505676	0.695983	-1.43682	0.120523	1.31511	1.31511	0.0567528	0.704144	-1.42016	13.5018	5.65825	0.37251	1
cg07284546	0.109485	0.76139	-1.31339	0.0213588	0.649153	-1.54047	0.047655	0.701998	-1.4245	0.00122842	0.477824	-2.09282	10.5017	4.05914	0.343576	1
cg01973862	0.4439	1.16104	1.16104	2.94E-05	0.208682	-4.79199	0.171415	1.32121	1.32121	0.850968	0.964659	-1.03664	9.44869	5.47614	0.51517	1
cg07843956	0.270752	0.682323	-1.46558	0.00648631	0.307397	-3.25313	0.00460924	3.51445	3.51445	0.711674	1.13174	1.13174	9.20692	16.2047	1.56449	1
cg16515381	0.00549159	0.174536	-5.72948	0.701175	0.831637	-1.20245	0.936173	1.03904	1.03904	0.00534171	0.172975	-5.78117	8.86446	32.0973	3.21858	1
cg21659714	0.0959692	0.701223	-1.42608	0.776424	0.946227	-1.05683	0.000239835	3.25505	3.25505	0.437623	0.857519	-1.16615	8.28481	4.94507	0.530563	1
cg08009275	0.16593	0.530237	-1.88595	0.00107124	0.125528	-7.96638	0.0102289	0.249033	-4.01554	0.0299668	0.334041	-2.99365	5.60339	16.364	2.59589	1
cg19733833	0.119172	0.858971	-1.16418	0.202508	0.886078	-1.12857	0.271715	0.90226	-1.10833	0.0188852	1.29127	1.29127	3.73468	0.477968	0.113761	1
cg05309454	0.793051	1.02737	1.02737	0.032235	0.772927	-1.29378	0.486538	1.07531	1.07531	0.121641	1.18808	1.18808	3.60874	0.602838	0.148488	1
cg04128746	0.0903832	1.29441	1.29441	0.0527232	0.737462	-1.356	0.250755	0.847078	-1.18053	0.559579	1.08502	1.08502	15.9306	4.82535	0.269243	1
cg03129384	0.480706	0.916512	-1.09109	0.503481	1.08608	1.08608	0.108246	0.808066	-1.23752	0.777158	0.966078	-1.03511	15.9208	3.72983	0.208244	1
cg23240294	0.823053	1.05027	1.05027	0.0200615	0.540985	-1.84848	0.595486	0.889282	-1.1245	0.00825267	0.477201	-2.09555	7.48097	5.68211	0.675148	1
cg18441102	0.0739602	0.366931	-2.72531	0.000281687	0.0503643	-19.8553	0.753799	0.853517	-1.17162	0.0261339	0.264859	-3.7756	5.78648	23.2256	3.5678	1
ch.10.2770541F	0.140093	0.455576	-2.19503	0.0144349	0.224674	-4.4509	0.14796	0.463614	-2.15696	0.133812	0.44896	-2.22737	4.57478	17.7717	3.45308	1
cg25321212	0.162642	1.89707	1.89707	0.0395832	2.78005	2.78005	0.032419	2.93247	2.93247	0.0991614	2.17392	2.17392	3.55311	10.3846	2.59794	1
cg13692121	0.404336	1.17097	1.17097	0.0115617	1.79337	1.79337	0.0223486	0.602707	-1.65918	0.504946	0.882373	-1.13331	8.38335	4.54271	0.481665	1
cg06468626	0.0724065	0.523352	-1.91076	0.000677817	0.186776	-5.35402	0.00797665	0.333413	-2.99928	0.00409586	0.28822	-3.46957	7.27581	12.0204	1.46854	1
cg03850213	0.879398	0.95438	-1.0478	0.00765202	0.348441	-2.86993	0.108215	1.71414	1.71414	0.0157517	0.402542	-2.48422	6.53028	9.78104	1.33138	1
cg22809017	0.388763	0.715502	-1.39762	0.0123139	0.306856	-3.25885	0.342217	1.44904	1.44904	0.0119816	0.304808	-3.28076	4.62879	10.5308	2.02227	1
cg24069653	0.42152	0.714733	-1.39912	0.0863446	0.460721	-2.17051	0.00534262	0.222935	-4.48561	0.0286661	0.347931	-2.87414	4.03237	10.684	2.35517	1
cg27068707	0.252244	1.50123	1.50123	0.0831081	1.91894	1.91894	0.0597939	2.05756	2.05756	0.671073	1.15617	1.15617	3.99783	7.30678	1.62461	1
cg00357551	0.0621145	0.608443	-1.64354	0.00466877	0.410719	-2.43475	0.0729279	0.623002	-1.60513	0.623095	0.88942	-1.12433	7.30838	6.47765	0.78785	1
cg05883695	0.151809	0.678726	-1.47335	0.0113447	0.449284	-2.22576	0.146242	0.674589	-1.48238	0.020969	0.496081	-2.0158	12.0546	12.1618	0.896799	1
cg23432932	0.319103	0.605657	-1.6511	0.502513	0.717903	-1.39295	0.593425	0.769173	-1.3001	0.247695	0.555117	-1.80142	4.12326	15.4883	3.33895	1
cg06369090	0.0297887	0.468522	-2.13437	0.301382	1.37364	1.37364	0.000542508	0.203075	-4.92428	0.00457677	0.326513	-3.06267	7.42089	9.1834	1.23751	1
cg05982399	0.106882	1.21592	1.21592	0.4027	0.909269	-1.09978	0.726689	0.961775	-1.03974	0.118079	1.20741	1.20741	5.27354	1.03027	0.173658	1
cg14796908	0.285237	0.863435	-1.15816	2.25E-05	0.325049	-3.07646	0.702676	0.95053	-1.05205	0.0304518	0.714282	-1.40001	19.7351	5.47009	0.246379	1
cg03996539	0.101836	0.577847	-1.73056	0.000560714	0.194303	-5.14661	0.752857	1.10157	1.10157	0.00978362	0.367751	-2.71923	9.72154	14.4403	1.32035	1
cg02140579	0.0244831	1.59349	1.59349	0.00755149	1.81766	1.81766	0.537223	1.11474	1.11474	0.0523522	0.681395	-1.46758	4.50741	2.15771	0.425513	1
cg00547103	0.336322	1.25947	1.25947	0.0112175	2.09463	2.09463	0.40148	1.22119	1.22119	0.0494771	0.593559	-1.68475	4.09233	3.5096	0.762315	1
cg21186449	0.536102	1.08926	1.08926	0.128823	1.25104	1.25104	4.60E-08	13.5282	13.5282	0.0970626	1.28211	1.28211	46.3564	13.6706	0.262136	1
cg09398550	0.089094	1.42246	1.42246	0.0658917	1.47375	1.47375	8.06E-08	28.2115	28.2115	0.292173	1.22801	1.22801	44.4961	24.8906	0.497233	1
cg13066983	0.0228696	1.86279	1.86279	0.0105897	2.0844	2.0844	5.05E-07	24.7241	24.7241	0.3961	1.21963	1.21963	31.3337	25.9034	0.734838	1
cg10131312	0.0207703	1.73543	1.73543	0.0453727	1.57552	1.57552	9.43E-07	12.9909	12.9909	0.406041	1.18335	1.18335	25.5431	15.8669	0.552163	1
cg20838162	0.689677	0.945691	-1.05743	0.0254946	1.44675	1.44675	0.0152258	1.51389	1.51389	0.000141883	0.401277	-2.49205	22.1257	6.78253	0.272485	1
cg00318796	0.37753	0.91104	-1.09765	0.0144209	1.36379	1.36379	1.79E-06	3.40398	3.40398	0.39387	1.09402	1.09402	20.7411	3.47785	0.149048	1
cg08371086	0.108795	0.664751	-1.50432	0.0488582	0.591458	-1.69074	0.0765615	0.631332	-1.58395	0.000322275	0.257066	-3.89005	6.9562	6.00513	0.767357	1
cg03530364	0.552729	1.14438	1.14438	0.561788	0.87658	-1.1408	0.000123493	4.49757	4.49757	0.125577	1.45098	1.45098	6.8927	5.50443	0.709856	1
cg12656851	0.107058	0.287214	-3.48173	0.00110933	0.0331108	-30.2016	0.336563	0.495279	-2.01906	0.0278424	0.158287	-6.31762	5.04893	40.2114	7.07942	1
cg09388113	0.480009	0.881223	-1.13479	0.0473539	1.49118	1.49118	0.111184	0.736682	-1.35744	0.00474932	0.516653	-1.93554	4.34838	2.136	0.436637	1
cg13715590	0.940316	0.975298	-1.02533	0.242102	0.66435	-1.50523	0.13259	1.71958	1.71958	0.104156	0.552426	-1.8102	3.63141	6.41695	1.57073	1
cg02042710	8.10E-05	0.249709	-4.00466	9.00E-05	0.254876	-3.92348	5.02E-06	0.131507	-7.60417	0.0846469	0.689263	-1.45083	26.1294	15.7561	0.536004	1
cg25313447	0.83811	1.03954	1.03954	0.115018	1.38386	1.38386	0.75674	0.942797	-1.06067	5.34E-05	0.239456	-4.17613	25.1102	14.2923	0.50594	1
cg09741713	0.00259996	0.518487	-1.92869	0.00324882	0.531582	-1.88118	0.0351851	1.47147	1.47147	0.000537176	0.428349	-2.33454	23.3363	9.16102	0.348947	1
cg10081664	0.019988	0.610881	-1.63698	0.927681	1.01606	1.01606	0.22963	0.801504	-1.24765	4.59E-05	0.258803	-3.86394	22.2611	10.8634	0.433775	1
cg07000713	0.0503577	0.549109	-1.82113	0.00122637	0.280617	-3.56358	0.633725	0.878971	-1.13769	0.0164738	0.454975	-2.19792	19.2794	22.052	1.01672	1
cg15319470	0.418491	1.22297	1.22297	0.58155	0.873258	-1.14514	0.611159	1.13296	1.13296	0.333109	0.78421	-1.27517	8.47786	7.95937	0.834526	1
cg11885965	0.00164329	1.87054	1.87054	0.241498	1.18569	1.18569	0.828056	1.03068	1.03068	0.0651552	0.750021	-1.3333	7.73403	2.36416	0.271718	1
cg23767318	0.055275	0.411875	-2.42792	0.00217808	0.172825	-5.78621	0.00889013	0.256875	-3.89294	0.487621	0.749843	-1.33361	6.48159	17.1091	2.34635	1
cg12024564	0.44362	0.791585	-1.26329	0.001655	0.25996	-3.84674	0.00958222	0.374749	-2.66845	0.0352219	0.480012	-2.08328	6.00122	8.51037	1.26054	1
cg23257289	0.888975	1.04472	1.04472	0.535314	1.21729	1.21729	0.0303842	2.21904	2.21904	0.288273	1.41241	1.41241	5.99481	9.31423	1.38108	1
cg16818505	0.372352	0.647164	-1.5452	0.00865634	0.203894	-4.90451	0.7649	1.15315	1.15315	0.0526063	0.351006	-2.84896	4.70721	16.8298	3.17808	1
cg24480012	0.286281	0.364162	-2.74603	0.00458268	0.031969	-31.2803	0.0400184	0.114747	-8.71483	0.363117	0.426294	-2.3458	3.57471	47.1122	11.7149	1
cg26133399	0.297267	0.507743	-1.9695	0.00928937	0.126171	-7.92573	0.0247545	0.187003	-5.34751	0.342247	0.541308	-1.84738	3.53656	22.0358	5.53855	1
cg15736338	0.00139289	2.57301	2.57301	0.791449	0.947361	-1.05556	0.7189	0.928904	-1.07654	0.466462	0.859666	-1.16324	13.6741	9.01645	0.586116	1
cg00089798	0.980686	0.995522	-1.0045	0.615883	0.910487	-1.09831	0.224038	1.26718	1.26718	0.0364866	1.56932	1.56932	9.39172	5.11206	0.483836	1
cg12243597	0.0374288	0.666314	-1.50079	0.361187	0.854018	-1.17093	0.848578	0.968376	-1.03266	0.638542	0.92354	-1.08279	4.69418	2.10124	0.397891	1
cg15070208	0.025248	1.57876	1.57876	5.61E-06	0.172395	-5.80063	0.235192	1.23804	1.23804	0.334105	0.842845	-1.18646	15.4195	7.19326	0.414669	1
cg00342891	0.537829	1.1462	1.1462	0.00467862	0.439354	-2.27607	0.0824582	1.52309	1.52309	0.186102	0.735926	-1.35883	8.2729	6.26868	0.673544	1
cg26190476	0.153464	0.633106	-1.57951	0.000412827	0.18702	-5.34702	0.0699434	0.545503	-1.83317	0.810476	1.0745	1.0745	7.3229	10.3741	1.25926	1
cg19675955	0.0701719	0.680121	-1.47033	0.109396	1.3943	1.3943	0.368323	1.19239	1.19239	0.385517	0.844162	-1.18461	5.91137	3.39493	0.510494	1
cg16716189	0.315173	0.674997	-1.48149	0.00217483	0.19638	-5.09217	0.0565137	0.441732	-2.26382	0.682135	1.16864	1.16864	5.02124	11.3893	2.01619	1
cg23746359	0.260672	0.701049	-1.42643	0.0930443	0.571543	-1.74965	0.0981451	0.577388	-1.73194	0.852462	1.05798	1.05798	4.00743	5.81751	1.29038	1
cg12417685	1.11E-05	0.352706	-2.83522	0.0167036	0.722079	-1.38489	0.000296277	1.92837	1.92837	0.0226927	1.35529	1.35529	25.9882	5.11282	0.174876	1
cg15734409	0.000107236	0.308561	-3.24085	4.26E-06	0.160686	-6.22332	0.540828	0.898934	-1.11243	0.158059	0.771263	-1.29657	23.4492	10.999	0.416941	1
cg14581287	0.00320054	1.58801	1.58801	0.00262818	1.61379	1.61379	0.199281	1.16867	1.16867	0.00226817	0.612139	-1.63362	13.4599	2.81559	0.185941	1
cg19508285	0.0206248	0.285423	-3.50357	0.000370426	0.0771075	-12.9689	0.0468531	0.359407	-2.78236	0.0478321	0.361488	-2.76634	8.89618	28.4957	2.84723	1
cg09868336	0.779767	0.955837	-1.0462	0.00400169	0.536211	-1.86494	0.212693	1.23551	1.23551	0.488118	1.12018	1.12018	4.66823	1.91952	0.3655	1
cg22996308	0.0484165	0.467385	-2.13956	0.0115152	0.344396	-2.90364	0.614486	0.842569	-1.18685	0.123931	0.570087	-1.75412	4.19473	7.55792	1.60157	1
cg16725723	0.792472	1.03061	1.03061	0.00441458	0.647545	-1.54429	0.128056	0.828497	-1.20701	0.216297	0.861742	-1.16044	4.18515	0.866862	0.184114	1
cg15356923	0.370801	3.16222	3.16222	0.0210305	32.3677	32.3677	0.0239184	29.2447	29.2447	0.0431329	18.4467	18.4467	3.69332	91.7986	22.0936	1
cg22871175	0.0447421	0.362183	-2.76104	0.237401	0.579497	-1.72563	0.0124514	0.253906	-3.93847	0.0975749	0.448753	-2.2284	3.40474	10.4772	2.73532	1
cg14984160	0.0992927	1.22819	1.22819	0.00380884	1.55879	1.55879	0.563975	0.935801	-1.0686	0.203846	0.858508	-1.16481	21.4399	4.39421	0.182182	1
cg00743803	0.00125782	0.408846	-2.44591	0.00245947	0.44934	-2.22548	0.0665986	0.67661	-1.47796	0.000186796	0.301867	-3.31271	13.6906	7.82153	0.507827	1
cg26700320	0.130124	1.33827	1.33827	0.000114461	3.34146	3.34146	0.605702	0.911369	-1.09725	0.240051	0.803128	-1.24513	9.34492	4.7011	0.447168	1
cg04304705	0.716672	0.867604	-1.1526	0.00189775	0.179982	-5.5561	0.20744	0.595708	-1.67868	0.447584	0.739623	-1.35204	7.869	18.9238	2.13765	1
cg12502098	0.72106	0.935866	-1.06853	0.00219455	2.21217	2.21217	0.00575625	1.95243	1.95243	0.90804	1.02159	1.02159	7.26942	3.93529	0.481199	1
cg24343361	0.419823	0.828588	-1.20687	0.166094	0.713982	-1.4006	0.856977	0.959681	-1.04201	0.0330427	0.56631	-1.76582	6.70497	5.52641	0.732646	1
cg13872278	0.470331	0.869875	-1.14959	0.0236928	0.598931	-1.66964	0.109233	1.39306	1.39306	0.427813	0.857559	-1.1661	5.64249	3.21972	0.507218	1
cg12454595	0.241382	1.17419	1.17419	0.000914601	1.91356	1.91356	0.177055	1.20668	1.20668	0.694013	0.949543	-1.05314	5.40967	1.46902	0.241382	1
cg25895695	0.406165	1.28337	1.28337	0.928536	1.02669	1.02669	0.0317171	2.09441	2.09441	0.955768	1.01642	1.01642	5.32841	7.27387	1.21343	1
cg00147509	0.0506583	0.321066	-3.11463	0.00170326	0.101672	-9.83551	0.0326487	0.279313	-3.58021	?	?	?	5.384	19.7274	3.66407	1
cg07416315	0.132367	1.40296	1.40296	0.412052	0.839568	-1.19109	0.245674	1.28809	1.28809	0.603621	0.896543	-1.1154	4.97535	3.42538	0.611973	1
cg14894848	0.870922	0.938051	-1.06604	0.0109731	0.28503	-3.5084	0.408614	0.717219	-1.39427	0.315205	0.664705	-1.50443	4.73612	11.6005	2.17721	1
cg15187790	0.0701762	0.35388	-2.82582	0.0035009	0.130982	-7.63466	0.0702189	0.353949	-2.82527	0.176338	0.478233	-2.09103	4.71908	19.6818	3.70727	1
cg07142833	0.833358	1.0289	1.0289	0.00206619	1.7981	1.7981	0.566399	1.08153	1.08153	0.886998	0.980955	-1.01942	4.12686	1.1954	0.257479	1
cg03312805	0.0709517	0.539289	-1.85429	0.0822935	0.554799	-1.80245	0.27199	1.41905	1.41905	0.328814	0.734557	-1.36136	3.703	5.49443	1.31891	1
cg06273376	1.45E-05	3.11935	3.11935	0.00629674	0.638421	-1.56636	0.702589	1.04957	1.04957	0.993918	1.00096	1.00096	13.9273	3.508	0.223892	1
cg11562401	0.907367	0.987376	-1.01279	0.00456123	1.51026	1.51026	0.148111	1.18451	1.18451	0.0762641	1.24019	1.24019	13.4696	2.5411	0.167693	1
cg18530762	0.216857	0.916301	-1.09134	4.96E-05	1.66931	1.66931	0.582061	1.0381	1.0381	0.591242	1.03714	1.03714	9.09356	0.651731	0.0637062	1
cg02420032	0.893505	1.0377	1.0377	0.0237079	2.10882	2.10882	0.999918	0.999972	-1.00003	0.0231453	0.472224	-2.11764	8.88434	10.7438	1.07493	1
cg07959986	0.00503642	2.02741	2.02741	0.047438	1.5404	1.5404	0.0215013	1.6924	1.6924	0.646203	0.915707	-1.09205	8.802	5.05996	0.510991	1
cg19203800	0.000928592	0.263098	-3.80087	0.000569031	0.236578	-4.22693	0.30195	1.33484	1.33484	0.530088	0.84217	-1.18741	8.43388	9.74196	1.02675	1
cg02582669	0.0131486	0.374302	-2.67164	0.00986673	0.352677	-2.83546	0.0926724	1.80644	1.80644	0.0277106	0.435294	-2.2973	8.16044	13.2017	1.43802	1
cg01775468	0.0138226	0.298582	-3.34916	0.00759215	0.255634	-3.91184	0.118155	0.509671	-1.96205	0.0327499	0.370688	-2.69769	6.00128	15.0001	2.22176	1
cg19122206	0.185015	0.746527	-1.33954	0.00433116	0.452504	-2.20992	0.00666298	0.480894	-2.07946	0.829389	1.0459	1.0459	5.56131	3.80893	0.608799	1
cg12986453	0.0372434	1.81247	1.81247	0.484235	1.19104	1.19104	0.842685	0.952306	-1.05008	0.147084	0.682036	-1.4662	5.26628	5.04488	0.85152	1
cg04382374	0.296021	0.8999	-1.11123	0.00940409	0.725812	-1.37777	0.928651	1.00876	1.00876	0.00993734	0.728366	-1.37294	5.15025	0.772798	0.133378	1
cg24094706	0.300011	1.29865	1.29865	0.00428634	2.53331	2.53331	?	?	?	0.420919	1.22147	1.22147	5.20598	4.33877	0.83342	1
cg02905830	0.00175521	0.192784	-5.18714	0.0023051	0.207539	-4.81837	0.638003	1.19121	1.19121	0.956529	0.980075	-1.02033	4.79118	10.3442	1.91912	1
cg22989103	0.01197	3.0781	3.0781	0.0445263	0.437228	-2.28714	0.00678895	0.284233	-3.51824	0.0544362	0.457235	-2.18706	4.71034	8.52719	1.81031	1
cg00481629	0.00396503	2.26861	2.26861	0.350926	0.816284	-1.22506	0.648797	1.1018	1.1018	0.173703	1.35803	1.35803	4.515	3.19682	0.629373	1
cg22682460	0.115318	0.590619	-1.69314	0.883659	0.955963	-1.04607	0.45509	1.26365	1.26365	0.111713	0.586964	-1.70368	4.39175	6.5801	1.33181	1
cg00627846	0.13947	0.471581	-2.12053	0.00960039	0.212303	-4.71026	0.103364	0.430847	-2.32101	0.101987	0.429125	-2.33032	3.67492	13.0024	3.14502	1
cg20640347	0.156314	1.18469	1.18469	0.00244268	1.60208	1.60208	0.374122	0.903063	-1.10734	0.14573	0.839817	-1.19074	3.65966	0.724006	0.175853	1
cg19579080	0.0717236	0.601618	-1.66218	0.78749	1.07067	1.07067	0.565167	0.863344	-1.15829	0.0546626	0.576465	-1.73471	18.0334	18.2402	0.899084	1
cg01036409	0.051264	0.414806	-2.41077	0.923989	1.03856	1.03856	0.0267513	2.83052	2.83052	0.319111	1.5041	1.5041	4.9473	12.3151	2.21267	1
cg01697732	0.409719	1.64751	1.64751	?	?	?	0.891207	0.922156	-1.08442	0.00186876	0.0733259	-13.6377	4.65442	14.3613	4.93685	1
cg11058154	0.00121401	0.0444056	-22.5197	0.581507	0.693466	-1.44203	0.400931	1.76004	1.76004	0.879888	1.10454	1.10454	4.15095	28.4246	6.08688	1
cg10374534	0.00404554	0.217947	-4.58828	0.100995	0.492214	-2.03164	0.03027	0.365946	-2.73264	0.0767438	0.459842	-2.17466	5.45831	13.4645	2.19271	1
cg23891286	0.00206089	0.361104	-2.76928	8.46E-07	0.0458735	-21.7991	0.0022128	2.73578	2.73578	0.000731075	0.299741	-3.33621	90.8504	79.2437	0.775327	1
cg09510979	0.000317258	0.331574	-3.01592	3.78E-06	0.129617	-7.71501	0.00210592	2.26723	2.26723	0.000621412	0.369112	-2.7092	79.9413	45.3606	0.504377	1
cg01426743	0.00808632	0.376779	-2.65407	0.000679041	0.224335	-4.45761	0.0532202	1.8815	1.8815	0.0127559	0.410456	-2.43632	19.2182	25.2085	1.16596	1
cg12629244	0.201833	0.646862	-1.54593	0.0258017	0.425026	-2.3528	0.0328839	2.24033	2.24033	0.374384	1.34274	1.34274	14.9925	24.8072	1.4708	1
cg17252808	0.0620656	1.86354	1.86354	0.000150459	0.145389	-6.87812	0.953532	0.982881	-1.01742	0.874015	1.04814	1.04814	9.82963	13.6687	1.23606	1
cg22164287	0.0286464	0.463873	-2.15576	0.928976	0.973823	-1.02688	0.0698315	1.82801	1.82801	0.428391	1.27197	1.27197	4.92537	6.90607	1.24635	1
cg14413378	0.0372313	0.563878	-1.77343	0.2165	0.734834	-1.36085	0.992215	1.00231	1.00231	0.0544806	0.59637	-1.67681	4.03461	3.58657	0.790179	1
cg04705068	0.780539	1.03579	1.03579	0.168466	0.831299	-1.20294	0.586029	1.07169	1.07169	0.116749	0.80689	-1.23933	3.97499	0.997963	0.223165	1
cg05822618	0.355579	1.16588	1.16588	0.00241784	1.97832	1.97832	0.074406	1.37856	1.37856	0.563017	1.09904	1.09904	3.43402	1.41863	0.367209	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00562731	FAM20B;FAM20B	0.00187762	0.00128392	0.457535	-2.18562	0.130541	1.31261	1.31261	0.0347027	1.50703	1.50703	0.171375	0.784588	-1.27455	0.0125495	0.596174	-1.67736	0.889984	1.02332	1.02332	0.00653606	1.80152	1.80152	0.0049716	1.85793	1.85793	0.0368229	0.667647	-1.4978	9.82068	4.31646	0.390691	1
cg05383153	FAM20B;FAM20B	0.0215981	0.303685	1.35947	1.35947	0.000700113	0.225374	-4.43707	0.627134	1.15155	1.15155	0.898528	0.963891	-1.03746	0.344297	0.75517	-1.3242	0.924681	0.97311	-1.02763	0.182174	1.50407	1.50407	0.782107	1.0832	1.0832	0.0438734	0.512892	-1.94973	4.58281	6.03135	1.16985	1
cg00640479	FAM20C	0.000120161	0.158518	1.25997	1.25997	0.14418	1.27192	1.27192	0.0104971	0.610334	-1.63845	0.743885	1.05155	1.05155	0.0440139	0.701311	-1.4259	5.69E-05	0.317996	-3.14469	7.57E-06	0.221161	-4.5216	0.225148	1.21569	1.21569	0.00862074	0.598384	-1.67117	21.0775	7.84645	0.330904	1
ch.7.8314F	FAM20C	0.00113273	0.0829578	0.915425	-1.09239	0.000302721	0.763123	-1.3104	0.000673703	0.787141	-1.27042	0.192054	0.938415	-1.06563	0.226248	1.06023	1.06023	0.0510545	1.1077	1.1077	0.646731	1.02147	1.02147	0.228188	0.943443	-1.05995	0.000700831	0.788297	-1.26856	11.3571	0.381098	0.0298276	1
cg12219715	FAM20C	0.00289781	0.00505259	0.394798	-2.53294	0.00755857	0.422552	-2.36657	0.0118542	0.454968	-2.19796	0.0720774	0.604552	-1.65412	0.00115575	0.302171	-3.30939	0.0181436	0.487141	-2.05279	0.000223629	0.214434	-4.66344	0.192066	0.707406	-1.41362	0.0990897	0.635558	-1.57342	8.6466	8.60536	0.884649	1
cg08060270	FAM20C	0.00474832	0.088512	0.678066	-1.47478	0.0023338	0.415339	-2.40767	0.157	0.7313	-1.36743	0.287324	1.2566	1.2566	0.00445624	0.456435	-2.19089	0.159274	0.732719	-1.36478	0.00326658	0.436477	-2.29107	0.0161124	1.83819	1.83819	0.396634	0.835722	-1.19657	7.45504	5.04696	0.601765	1
cg02043342	FAM20C	0.00684728	0.0348246	0.805779	-1.24103	0.0299166	1.2514	1.2514	0.0295342	0.798544	-1.25228	0.725082	0.969479	-1.03148	0.00843191	0.744285	-1.34357	0.548267	0.948065	-1.05478	0.0036769	1.41161	1.41161	0.0360081	0.807252	-1.23877	0.857065	0.984297	-1.01595	6.66074	0.81301	0.108498	1
cg24504854	FAM20C	0.00717151	0.448936	0.769582	-1.29941	0.00185546	0.223266	-4.47897	0.0089514	0.323524	-3.09097	0.0937215	0.534929	-1.86941	0.0433772	0.454493	-2.20025	0.0282186	0.415011	-2.40958	0.000571825	0.163602	-6.11239	0.0332165	0.429597	-2.32776	0.163834	0.603928	-1.65583	6.56534	11.9792	1.62188	1
cg14079359	FAM20C	0.00930153	0.0364991	0.346254	-2.88805	0.204966	1.79243	1.79243	0.0312586	0.33197	-3.01232	0.40401	1.4515	1.4515	0.270017	1.65065	1.65065	0.4262	0.701499	-1.42552	0.00122108	0.126849	-7.88342	0.0224788	3.29639	3.29639	0.63037	1.23561	1.23561	6.04871	18.2398	2.68044	1
cg06719973	FAM20C	0.012818	0.204301	0.768698	-1.3009	0.0332027	0.613317	-1.63048	0.00149378	0.406899	-2.45761	0.490697	1.14737	1.14737	0.00224715	0.431734	-2.31624	0.0696447	0.671362	-1.48951	0.848911	1.03816	1.03816	0.689416	1.08208	1.08208	0.575655	0.894892	-1.11745	5.45519	3.33168	0.542877	1
cg11213091	FAM20C	0.013915	0.28484	0.606461	-1.64891	0.00223304	0.145496	-6.87303	0.0186361	0.276948	-3.61078	0.229294	0.56671	-1.76457	0.0658397	0.394878	-2.53243	0.0326773	0.324588	-3.08083	0.00338707	0.166354	-6.01128	0.00741992	0.211708	-4.7235	0.169452	0.517414	-1.93269	5.31051	17.0449	2.85303	1
cg11200568	FAM20C	0.0167887	0.182554	0.790967	-1.26427	0.0381756	0.671463	-1.48928	0.314575	0.841643	-1.18815	0.000717739	0.42591	-2.34791	0.483354	0.888619	-1.12534	0.498733	1.12058	1.12058	0.365324	1.16672	1.16672	0.156135	1.28596	1.28596	0.0936401	0.73665	-1.3575	4.9903	2.17193	0.386871	1
cg12012581	FAM20C	0.0181879	0.207561	0.523842	-1.90897	0.107781	0.425781	-2.34862	0.269617	1.74946	1.74946	0.891035	1.06896	1.06896	0.242757	0.551704	-1.81257	0.087584	0.399531	-2.50294	0.000447601	0.0676086	-14.791	0.0755218	0.381904	-2.61846	0.812628	0.890895	-1.12247	4.85812	18.2125	3.33233	1
cg10183671	FAM20C	0.0240294	0.142461	0.581033	-1.72107	0.0711598	0.49951	-2.00196	0.0406043	0.442987	-2.2574	0.624276	1.18531	1.18531	0.0109052	0.332697	-3.00574	0.559951	0.816287	-1.22506	0.0029686	0.245572	-4.07212	0.801183	0.916775	-1.09078	0.0134628	0.348671	-2.86804	4.41752	8.29726	1.66956	1
cg18790057	FAM20C	0.0263166	0.0750433	2.15345	2.15345	0.0137612	0.307781	-3.24906	0.630295	1.20641	1.20641	0.105213	0.504116	-1.98367	0.0234473	0.350826	-2.85041	0.718878	0.869478	-1.15012	0.0052213	0.240301	-4.16144	0.84286	0.926078	-1.07982	0.551637	0.792127	-1.26242	4.27993	10.1481	2.10765	1
cg20100006	FAM20C	0.0284105	0.0930133	0.473045	-2.11396	0.0685531	2.28393	2.28393	0.0750974	0.448045	-2.23192	0.857222	1.07568	1.07568	0.144841	0.530302	-1.88572	0.915215	1.04408	1.04408	0.00161475	0.160222	-6.24134	0.631342	1.21633	1.21633	0.746582	0.87692	-1.14036	4.16635	10.8272	2.30998	1
cg23421560	FAM20C	0.0296433	0.0104655	0.307714	-3.24977	0.0953496	0.511625	-1.95456	0.24683	0.642172	-1.55721	0.0339725	2.47265	2.47265	0.0129396	0.323577	-3.09045	0.838421	1.07753	1.07753	0.621723	1.19949	1.19949	0.325095	1.45011	1.45011	0.283549	0.665321	-1.50303	4.10422	8.69486	1.88313	1
cg22229114	FAM20C	0.0301541	0.177481	0.657096	-1.52185	0.509521	0.82198	-1.21658	0.00120415	0.249181	-4.01314	0.912519	1.03272	1.03272	0.0867173	0.574446	-1.74081	0.00864803	0.375017	-2.66654	0.871171	0.95356	-1.0487	0.355634	0.756995	-1.32101	0.902456	0.964713	-1.03658	4.0794	5.54647	1.20856	1
cg26983907	FAM20C	0.0309461	0.352417	0.813249	-1.22964	0.00596668	0.459993	-2.17395	0.112509	0.688505	-1.45242	0.0343908	0.586801	-1.70415	0.525304	0.870187	-1.14918	0.652838	1.10276	1.10276	0.00310714	0.417344	-2.39611	0.312676	0.798034	-1.25308	0.713574	1.0829	1.0829	4.04193	2.98738	0.656975	1
cg11554153	FAM20C	0.0312627	0.023108	0.604318	-1.65476	0.0258783	0.612334	-1.63309	0.423756	1.16356	1.16356	0.0603907	1.48094	1.48094	0.255833	0.802566	-1.246	0.387206	1.17862	1.17862	0.332069	1.20387	1.20387	0.0196536	1.68638	1.68638	0.769534	1.05599	1.05599	4.02729	2.19289	0.484007	1
cg06793484	FAM20C	0.0317119	0.766228	1.16197	1.16197	0.699235	1.21587	1.21587	0.278591	0.567106	-1.76334	0.906797	0.942737	-1.06074	0.0026419	0.123103	-8.1233	0.00356464	0.136977	-7.30049	0.40006	0.648103	-1.54296	0.67741	1.23445	1.23445	0.72142	0.835054	-1.19753	4.00682	16.0858	3.56854	1
cg05354171	FAM20C	0.0318449	0.00302883	0.641712	-1.55833	0.086259	1.2299	1.2299	0.173346	0.853703	-1.17137	0.466457	0.922276	-1.08427	0.311392	1.12114	1.12114	0.679816	1.04635	1.04635	0.605694	0.944731	-1.0585	0.0339718	1.31029	1.31029	0.816013	1.02577	1.02577	4.00082	0.755304	0.167811	1
cg10149455	FAM20C	0.0343681	0.0043063	0.496359	-2.01467	0.0816609	0.701808	-1.42489	0.713509	0.934571	-1.07001	0.280868	0.814092	-1.22836	0.00508939	0.506907	-1.97275	0.238041	1.25457	1.25457	0.780831	0.950104	-1.05252	0.772745	1.05457	1.05457	0.418148	0.859142	-1.16395	3.89268	2.07602	0.474057	1
cg12042135	FAM20C	0.0386814	0.42434	0.784472	-1.27474	0.0678717	0.544199	-1.83756	0.702729	1.12084	1.12084	0.493511	1.22984	1.22984	0.643829	0.870649	-1.14857	0.486966	0.810481	-1.23383	0.00227385	0.280833	-3.56084	0.0181552	0.425944	-2.34772	0.458287	1.25193	1.25193	3.72879	5.22716	1.24608	1
cg16466750	FAM20C	0.0416947	0.0220703	0.600138	-1.66628	0.636385	0.915235	-1.09262	0.934261	1.01546	1.01546	0.093086	0.709197	-1.41004	0.0029127	0.467249	-2.14019	0.621356	0.911555	-1.09703	0.0154129	0.575259	-1.73835	0.16967	0.761795	-1.31269	0.390965	0.849178	-1.17761	3.62712	1.98727	0.487014	1
cg27640234	FAM20C	0.0476235	0.352588	0.691754	-1.4456	0.00195926	5.40032	5.40032	0.030683	2.65934	2.65934	0.932528	1.03316	1.03316	0.94232	1.02827	1.02827	0.322593	1.48237	1.48237	0.576214	0.80449	-1.24302	0.644051	1.19632	1.19632	0.523596	0.779557	-1.28278	3.45122	8.11294	2.08955	1
cg14185341	FAM21A	0.000513445	0.015133	0.410886	-2.43377	0.00024086	0.163556	-6.11412	0.00575513	0.340095	-2.94036	0.157382	0.637248	-1.56925	7.73E-05	0.118447	-8.44261	0.000566311	0.20355	-4.91279	0.00121434	0.243793	-4.10185	0.0380056	0.488287	-2.04798	0.00160032	0.259445	-3.85439	14.1857	19.9533	1.25029	1
cg25180252	FAM21A	0.00111965	0.359041	0.920785	-1.08603	0.21363	1.12142	1.12142	0.000220257	1.7138	1.7138	0.4389	1.07153	1.07153	0.00472282	1.38885	1.38885	0.972486	1.00302	1.00302	0.000551333	0.625401	-1.59897	0.115002	0.860732	-1.1618	0.523675	0.945016	-1.05818	11.3947	1.38197	0.107806	1
cg16701655	FAM21A	0.00348925	0.018453	1.45565	1.45565	0.0031003	0.587692	-1.70157	0.591644	1.07372	1.07372	0.258252	0.856455	-1.1676	0.033759	1.38493	1.38493	0.00907251	0.646901	-1.54583	0.00150218	0.548306	-1.8238	0.631126	1.06561	1.06561	0.798324	1.03421	1.03421	8.18134	2.2357	0.242905	1
cg13796518	FAM21A	0.0042383	0.253789	0.529444	-1.88877	0.0103843	5.90422	5.90422	0.121841	2.45989	2.45989	0.992466	0.995008	-1.00502	0.521377	0.70806	-1.41231	0.000159492	0.0236123	-42.3507	0.427512	0.650004	-1.53845	0.636462	0.776738	-1.28743	0.29494	1.78422	1.78422	8.99628	39.1905	3.38824	1
cg17412165	FAM21A	0.00909896	0.95571	0.99689	-1.00312	0.0660353	1.12263	1.12263	0.93746	1.00441	1.00441	0.507769	1.03841	1.03841	0.557975	0.967313	-1.03379	0.113329	1.10148	1.10148	0.0102327	0.833953	-1.19911	0.00120909	1.30454	1.30454	0.0135441	1.18696	1.18696	6.09119	0.303527	0.0442937	1
cg04119701	FAM21A	0.0291216	?	?	?	0.478595	0.639282	-1.56425	0.35719	0.554792	-1.80248	?	?	?	0.0654901	0.271404	-3.68455	0.00111905	0.041983	-23.8192	0.607935	0.725427	-1.3785	0.807609	1.16321	1.16321	0.739542	1.22975	1.22975	4.70892	21.794	4.62823	1
cg07162498	FAM21B	0.000263864	0.00556788	1.63467	1.63467	0.0415825	0.728267	-1.37312	0.221635	0.840826	-1.18931	0.741556	1.04568	1.04568	0.000101092	0.394595	-2.53424	0.308015	1.15304	1.15304	0.000106633	0.397389	-2.51643	0.285147	0.860858	-1.16163	0.00035185	0.460715	-2.17054	17.0374	4.9146	0.256409	1
cg03929077	FAM21B;FAM21A	0.0025537	0.940957	0.988322	-1.01182	0.190681	0.802723	-1.24576	0.0172819	0.631359	-1.58388	0.316024	1.17868	1.17868	0.000110887	0.340156	-2.93982	0.469439	1.1238	1.1238	0.457589	0.886955	-1.12745	0.240362	1.21524	1.21524	0.00253112	0.51444	-1.94386	8.97569	3.57501	0.354043	1
cg05638776	FAM21C;FAM21C;FAM21C	2.01E-07	0.718125	1.03054	1.03054	0.837825	1.01715	1.01715	0.529037	1.05435	1.05435	0.000805302	1.52148	1.52148	1.85E-09	0.0925484	-10.8052	0.035962	1.22445	1.22445	0.00561914	0.739552	-1.35217	0.296112	1.09408	1.09408	0.222293	0.899018	-1.11232	110.258	12.0286	0.0969734	1
cg06534684	FAM21C;FAM21C;FAM21C	0.000258571	0.000111769	0.587038	-1.70347	0.251592	1.09849	1.09849	0.00175233	0.704862	-1.41872	0.0711862	1.17123	1.17123	0.570078	1.04604	1.04604	0.393878	0.933803	-1.07089	0.00016435	1.65512	1.65512	0.0481749	1.19374	1.19374	0.00696665	1.31489	1.31489	17.1318	1.66874	0.086583	1
cg14896087	FAM21C;FAM21C;FAM21C	0.00223226	0.269053	0.674876	-1.48175	0.00135399	0.204002	-4.90192	0.0279973	0.411959	-2.42743	0.0697262	0.500118	-1.99953	0.000313986	0.135953	-7.35551	0.00416022	0.26924	-3.71416	0.00235812	0.234738	-4.26007	0.0408495	0.446452	-2.23988	0.00234625	0.234445	-4.26539	9.33742	17.2587	1.64296	1
cg08322149	FAM21C;FAM21C;FAM21C	0.00236749	0.399706	0.905593	-1.10425	0.0170682	1.39721	1.39721	0.0439594	1.30511	1.30511	0.473645	1.08744	1.08744	0.822124	1.02624	1.02624	0.618557	0.943898	-1.05944	6.18E-05	0.427568	-2.33881	0.551254	0.933004	-1.07181	0.870829	1.0189	1.0189	9.17779	1.92324	0.18627	1
cg17260591	FAM21C;FAM21C;FAM21C	0.00325344	0.653898	0.817328	-1.2235	0.0063694	0.204525	-4.88937	0.0152409	0.263957	-3.78849	0.0887503	0.432074	-2.31442	0.0017998	0.137445	-7.27564	0.00338325	0.168436	-5.93697	0.00106306	0.115011	-8.69479	0.00250791	0.153149	-6.52959	0.011395	0.242774	-4.11906	8.35412	26.4327	2.81248	1
cg00833552	FAM21C;FAM21C;FAM21C	0.00724774	0.0455845	0.471742	-2.1198	0.0432809	0.466789	-2.14229	0.0206487	0.401133	-2.49294	0.498487	0.798355	-1.25258	0.00165345	0.228599	-4.37448	0.00983786	0.343232	-2.91348	0.00134877	0.217408	-4.59964	0.0070931	0.319784	-3.12711	0.129383	0.584488	-1.7109	6.54369	11.1317	1.51212	1
cg15344919	FAM21C;FAM21C;FAM21C	0.0277181	0.458888	0.876771	-1.14055	0.00543787	1.89224	1.89224	0.213972	1.25628	1.25628	0.00185459	2.16052	2.16052	0.655465	1.08146	1.08146	0.509225	0.889805	-1.12384	0.598365	1.09712	1.09712	0.283284	1.21457	1.21457	0.194341	1.27051	1.27051	4.20273	2.02384	0.428048	1
cg00825597	FAM22D	0.000751856	0.000396257	0.336887	-2.96836	0.00146523	0.412278	-2.42555	0.0609135	0.665332	-1.50301	0.588099	1.11124	1.11124	0.000582507	0.358484	-2.78953	0.000579748	0.358215	-2.79162	0.00155183	0.415723	-2.40545	0.765384	1.05943	1.05943	0.00598677	0.500097	-1.99961	12.7527	7.51496	0.523808	1
cg19648192	FAM22D	0.00232728	0.316131	0.717602	-1.39353	0.00201027	0.2477	-4.03714	0.0228594	0.418161	-2.39142	0.718783	0.890673	-1.12275	0.000116905	0.115234	-8.67796	0.0313999	0.44564	-2.24396	0.00127243	0.222017	-4.50415	0.239754	0.674258	-1.48311	0.136722	0.598521	-1.67079	9.22405	14.9764	1.44323	1
cg26727281	FAM22D	0.00814032	0.0686947	0.669313	-1.49407	0.532356	0.882829	-1.13272	0.167741	0.748469	-1.33606	0.100323	0.701352	-1.42582	9.84E-05	0.255909	-3.90764	0.0470512	0.639	-1.56494	0.423264	0.851152	-1.17488	0.165444	0.747138	-1.33844	0.444467	0.857607	-1.16604	6.30951	3.87999	0.546616	1
cg24870676	FAM22F	0.000541228	0.338666	1.20327	1.20327	0.00108247	0.404459	-2.47244	0.000205605	0.311382	-3.21149	0.00325141	0.470983	-2.12322	7.11E-05	0.256916	-3.89232	0.00274266	0.460433	-2.17187	0.0387083	0.638156	-1.56701	0.329314	0.82788	-1.2079	0.126746	0.733517	-1.3633	13.9795	7.79373	0.495566	1
cg03180187	FAM23A	1.68E-05	0.0367925	0.732703	-1.36481	0.0341108	0.728291	-1.37308	0.00413918	0.610826	-1.63713	0.122101	1.23968	1.23968	0.00204944	0.572897	-1.74551	0.747931	0.9595	-1.04221	1.23E-06	0.201038	-4.97417	0.348252	0.883535	-1.13182	1.88E-06	0.219223	-4.56157	35.4678	9.2352	0.231451	1
cg05665581	FAM24A	0.000150061	0.0727592	1.70722	1.70722	8.59E-05	0.15193	-6.58196	0.0109472	2.3472	2.3472	0.00495094	0.369967	-2.70294	0.175378	1.46969	1.46969	0.033374	0.514612	-1.94321	6.56E-05	0.141254	-7.07944	0.00291463	2.98312	2.98312	0.249249	0.724863	-1.37957	19.8547	22.4506	1.0051	1
cg26731008	FAM24A	0.0014165	0.136684	1.55707	1.55707	0.00291094	3.09556	3.09556	0.0861453	1.68824	1.68824	0.308594	1.33782	1.33782	0.566421	0.852093	-1.17358	0.430712	1.24873	1.24873	0.000807806	0.24761	-4.03861	0.000257072	5.26932	5.26932	0.551288	1.18115	1.18115	10.6536	12.8702	1.07383	1
cg18822598	FAM24A	0.00721291	0.0340516	0.300352	-3.32943	0.00251648	0.130039	-7.69001	0.0383478	0.311345	-3.21187	0.160795	0.482702	-2.07167	0.00919295	0.20028	-4.993	0.0208683	0.25874	-3.86489	0.000545585	0.0733821	-13.6273	0.104825	0.42238	-2.36754	0.0440058	0.324563	-3.08107	6.55354	24.5374	3.32812	1
cg05252487	FAM24A	0.0361471	0.544643	0.791224	-1.26387	0.948322	1.02506	1.02506	0.241876	0.626359	-1.59653	0.253603	0.634226	-1.57672	0.147274	0.552148	-1.81111	0.998165	0.999122	-1.00088	0.00102596	0.155901	-6.41433	0.107154	1.95751	1.95751	0.748041	0.884184	-1.13099	3.82217	8.82986	2.05349	1
cg14440102	FAM24A	0.0366019	0.0793005	0.677007	-1.47709	0.0128688	0.538768	-1.85609	0.0722576	0.669179	-1.49437	0.114769	1.40978	1.40978	0.0265026	0.59055	-1.69334	0.612978	1.10754	1.10754	0.921918	1.01983	1.01983	0.0289696	0.597171	-1.67456	0.186657	0.755548	-1.32354	3.80482	2.41628	0.564496	1
cg06279274	FAM24B	0.0216535	0.258262	1.61277	1.61277	0.208827	1.71052	1.71052	0.0882266	2.14298	2.14298	0.968454	0.984104	-1.01615	0.159675	0.544004	-1.83822	0.0128828	3.49427	3.49427	0.0246951	2.95549	2.95549	0.00219313	5.69858	5.69858	0.154746	1.8535	1.8535	4.57879	11.9048	2.31111	1
cg17837712	FAM24B;LOC399815	1.22E-05	0.63338	0.908705	-1.10047	0.141012	0.729482	-1.37084	0.0175232	0.562148	-1.77889	0.586439	0.89634	-1.11565	0.274562	0.797326	-1.25419	0.0089231	0.51541	-1.9402	3.34E-07	0.0523064	-19.1181	0.556709	1.12572	1.12572	3.63E-06	0.115095	-8.68845	38.5093	24.2079	0.558778	1
cg03804621	FAM24B;LOC399815	3.16E-05	0.101719	0.712623	-1.40327	0.032544	0.623036	-1.60504	0.542854	1.12353	1.12353	0.209071	0.778495	-1.28453	0.000269688	3.09532	3.09532	1.55E-05	0.184407	-5.42279	1.40E-05	0.180254	-5.54772	0.00623763	1.96233	1.96233	0.000788476	0.383104	-2.61026	30.0519	17.0211	0.503457	1
cg16299003	FAM24B;LOC399815	6.76E-05	0.112844	1.41807	1.41807	0.964807	1.00897	1.00897	0.637706	1.10076	1.10076	0.566263	0.88928	-1.12451	0.0641365	1.52356	1.52356	5.39E-05	0.217836	-4.59061	5.30E-06	0.123799	-8.07761	0.0174003	1.79687	1.79687	0.00140014	0.391943	-2.55139	24.5721	15.9414	0.576676	1
cg08779706	FAM24B;LOC399815	0.00134313	6.74E-05	4.40862	4.40862	0.0205791	0.567181	-1.7631	0.161865	0.738106	-1.35482	0.543017	0.882347	-1.13334	0.379542	1.20114	1.20114	0.0590883	0.648364	-1.54234	0.00845216	0.504793	-1.98101	0.171386	0.743748	-1.34454	0.534233	1.13653	1.13653	10.8174	7.08113	0.581869	1
cg11729970	FAM24B;LOC399815	0.00605138	0.0843067	1.26452	1.26452	0.0353382	1.35146	1.35146	0.0943627	1.25357	1.25357	0.00184845	1.72159	1.72159	0.434957	0.90674	-1.10285	0.760242	1.03833	1.03833	0.00543005	0.637873	-1.56771	0.0276023	0.726055	-1.37731	0.962491	0.994237	-1.0058	6.92091	1.65556	0.212632	1
cg14374521	FAM24B;LOC399815	0.00635494	0.132873	2.20585	2.20585	0.627184	0.787574	-1.26972	0.353247	1.59364	1.59364	0.679419	1.22476	1.22476	0.957671	1.02623	1.02623	0.00586554	0.17214	-5.80923	0.00117905	0.0981002	-10.1937	0.0172254	4.12004	4.12004	0.0439867	0.323265	-3.09344	6.81691	25.6996	3.35109	1
cg02936953	FAM24B;LOC399815	0.0203065	0.944913	1.03857	1.03857	0.00184387	0.0887452	-11.2682	0.0549927	0.303685	-3.29289	0.81646	1.1358	1.1358	0.118758	0.395567	-2.52801	0.629844	0.766463	-1.3047	0.00334493	0.112252	-8.9085	0.180719	0.45913	-2.17803	0.0625171	0.317236	-3.15223	4.6803	22.2355	4.22299	1
cg04807739	FAM25A	0.00642331	0.0081776	0.614084	-1.62844	0.137685	0.794268	-1.25902	0.239151	0.837265	-1.19437	0.360099	0.87322	-1.14519	0.360938	1.1449	1.1449	0.175632	0.812616	-1.23059	0.000407815	2.24606	2.24606	0.304522	0.857949	-1.16557	0.759293	1.04528	1.04528	6.79434	2.23393	0.29226	1
cg04680743	FAM25A	0.0105054	0.0430812	0.680329	-1.46988	0.0462171	0.685259	-1.4593	0.0439904	0.68179	-1.46673	0.0515435	0.692982	-1.44304	0.00211898	0.489233	-2.04402	0.0261616	0.646215	-1.54747	0.00105824	0.448734	-2.22849	0.296751	0.836081	-1.19606	0.0268591	0.647979	-1.54326	5.81798	2.52346	0.385542	1
cg25351588	FAM26D	0.0322467	0.383829	1.31939	1.31939	0.919529	0.96912	-1.03186	0.00498829	0.315533	-3.16924	0.397492	0.76421	-1.30854	0.11903	0.591467	-1.69071	0.336305	1.36032	1.36032	0.701526	0.887338	-1.12697	0.629632	0.859997	-1.1628	0.00361366	0.294459	-3.39606	3.98291	6.07744	1.35634	1
cg05538701	FAM26D;BET3L	0.000248146	0.174011	0.76101	-1.31404	0.000500853	0.357755	-2.79521	0.00212225	0.442373	-2.26054	0.0848699	0.697788	-1.4331	0.000205871	0.309091	-3.23529	0.111077	0.720503	-1.38792	2.62E-05	0.207875	-4.81059	0.000144328	0.290436	-3.4431	0.0884449	0.701206	-1.42611	17.3251	9.78524	0.502047	1
cg12262781	FAM26D;BET3L	0.000294632	0.000665439	0.380219	-2.63006	0.00303075	0.470438	-2.12568	0.00159829	0.431492	-2.31754	0.0163021	0.579752	-1.72487	5.37E-05	0.247036	-4.048	0.00467124	0.497523	-2.00996	5.39E-05	0.24717	-4.0458	0.00190355	0.442003	-2.26243	0.0377208	0.639323	-1.56415	16.5316	9.02025	0.48501	1
cg03299329	FAM26D;BET3L	0.00498778	0.0176576	0.505765	-1.9772	0.0354886	0.560914	-1.78281	0.00172668	0.347876	-2.87458	0.00198623	0.356472	-2.80527	0.00409318	0.402596	-2.48388	0.0630221	0.610233	-1.63872	0.344342	0.794493	-1.25866	0.00155956	0.341695	-2.92659	0.0626583	0.609714	-1.64011	7.34408	6.48818	0.785295	1
cg07258838	FAM26D;BET3L	0.00585443	0.261809	0.7323	-1.36556	0.0284344	0.502261	-1.991	0.0703665	0.583593	-1.71352	0.252323	1.37491	1.37491	0.023468	0.486427	-2.05581	0.157293	1.49585	1.49585	0.0450914	0.542155	-1.84449	0.00025167	0.200436	-4.98913	0.37965	0.786651	-1.27121	6.99193	7.85091	0.998092	1
cg12354014	FAM26D;BET3L	0.00708779	0.280744	0.755681	-1.32331	0.618893	1.13348	1.13348	0.220663	0.724897	-1.37951	0.301569	1.3066	1.3066	0.00361248	0.373723	-2.67578	0.0834852	0.619597	-1.61395	0.000742698	3.59529	3.59529	0.595664	1.14318	1.14318	0.613504	0.880508	-1.13571	6.58945	6.51539	0.878898	1
cg00953399	FAM26D;BET3L	0.0219554	0.232604	0.546025	-1.83142	0.0169652	0.244751	-4.08578	0.0136982	0.229099	-4.36492	0.074923	0.383349	-2.60859	0.0185866	0.251705	-3.97291	0.0457769	0.330577	-3.02502	0.00907075	0.201297	-4.96778	0.00497636	0.16576	-6.03281	0.153547	0.477751	-2.09314	4.55711	16.8654	3.2897	1
cg23969274	FAM26D;BET3L	0.0273035	0.358125	0.724751	-1.37978	0.0134066	0.352325	-2.83829	0.0279107	0.412706	-2.42303	0.657941	1.16393	1.16393	0.017381	0.372815	-2.6823	0.0185226	0.377978	-2.64566	0.00955342	0.326906	-3.05899	0.040554	0.44677	-2.23829	0.175271	0.611977	-1.63405	4.22505	7.76582	1.63381	1
cg27132348	FAM26D;FAM26D;BET3L	0.00377492	0.195078	1.44505	1.44505	0.189283	1.45286	1.45286	0.480223	0.824674	-1.2126	0.593951	0.865417	-1.15551	0.933835	0.977942	-1.02256	0.136113	1.53942	1.53942	0.398956	0.792974	-1.26108	6.24E-05	0.137856	-7.25396	0.620123	0.874397	-1.14365	7.99055	9.13158	1.01582	1
cg18406700	FAM26E;BET3L	0.00190054	0.0229372	0.558755	-1.78969	0.732385	0.929206	-1.07619	0.0178726	0.540231	-1.85106	0.991077	1.0024	1.0024	0.000293099	0.282983	-3.53379	0.00369712	0.432072	-2.31443	0.662891	1.09837	1.09837	0.0815028	0.661643	-1.51139	0.000313212	0.286522	-3.49013	9.78611	7.09198	0.644177	1
cg21741010	FAM26E;BET3L	0.00871874	0.704946	1.10137	1.10137	0.0300045	0.523143	-1.91152	0.765134	0.926777	-1.07901	0.147882	1.48295	1.48295	0.00111539	0.295622	-3.3827	0.204056	0.711624	-1.40524	0.452561	1.21437	1.21437	0.00909671	2.31907	2.31907	0.136886	0.665847	-1.50185	6.1742	6.29931	0.906902	1
cg00074746	FAM26F	1.65E-05	3.29E-06	0.142182	-7.03324	0.00377154	0.499836	-2.00066	0.000212589	0.333604	-2.99756	0.287589	0.822115	-1.21637	0.000241314	0.340439	-2.93738	0.0159455	0.592418	-1.688	1.23E-05	0.194784	-5.13388	7.83E-05	0.281558	-3.55167	7.63E-06	0.17479	-5.72116	35.5972	17.7429	0.443054	1
cg11045746	FAM26F	0.0223294	0.119758	0.486066	-2.05733	0.049451	2.60685	2.60685	0.156263	0.522996	-1.91206	0.254105	0.601122	-1.66356	0.00832977	0.23665	-4.22565	0.916588	0.956214	-1.04579	0.0143731	0.275373	-3.63144	0.77393	1.13098	1.13098	0.0605701	2.4702	2.4702	4.53076	13.1065	2.57136	1
cg19579755	FAM26F	0.0226968	0.206555	0.744235	-1.34366	0.245417	0.763843	-1.30917	0.226586	0.754638	-1.32514	0.623825	1.11584	1.11584	0.409453	0.829399	-1.20569	0.169002	1.38394	1.38394	0.889161	1.0314	1.0314	0.00296597	0.404847	-2.47007	0.00334341	0.412517	-2.42414	4.5054	3.50827	0.69216	1
cg03478356	FAM27A	0.00117516	0.0683678	1.39903	1.39903	0.0723592	0.718952	-1.39091	0.0149649	0.611223	-1.63607	0.0666367	1.40271	1.40271	0.356463	1.16891	1.16891	0.308582	0.840792	-1.18936	0.00115781	0.455951	-2.19322	0.000196084	2.80223	2.80223	0.655611	1.07666	1.07666	11.2387	4.81969	0.381199	1
cg04216650	FAM27C	0.00587708	0.763092	0.957915	-1.04393	0.114172	0.783167	-1.27687	0.00175257	0.530304	-1.88571	0.383037	0.880531	-1.13568	0.0338853	0.703081	-1.42231	0.000338534	0.439779	-2.27387	0.210627	0.828935	-1.20637	0.0207702	0.673076	-1.48572	0.0139513	0.649272	-1.54019	6.98361	2.23747	0.28479	1
cg23324289	FAM27L	1.76E-06	0.94958	0.993406	-1.00664	5.19E-06	0.338718	-2.95231	0.0115087	1.39188	1.39188	0.0400234	0.780147	-1.28181	7.21E-07	0.245965	-4.06561	1.45E-05	0.389463	-2.56764	0.00636118	1.44997	1.44997	5.54E-06	2.92518	2.92518	0.07274	0.811051	-1.23297	63.4592	10.9989	0.154065	1
cg25558531	FAM27L	2.02E-06	0.346367	0.880611	-1.13557	5.22E-05	0.37094	-2.69585	0.15609	0.819598	-1.22011	6.10E-06	0.264969	-3.77402	3.16E-07	0.141517	-7.06631	0.000112053	0.410576	-2.4356	1.33E-05	3.30885	3.30885	0.0747891	1.29719	1.29719	0.00570134	0.621683	-1.60854	61.2725	16.6811	0.241995	1
cg27370188	FAM27L	3.65E-06	0.0187572	0.529532	-1.88846	0.0100719	0.484348	-2.06463	0.992734	0.997969	-1.00203	0.00383488	0.41893	-2.38703	1.02E-07	0.0213196	-46.9053	7.10E-05	0.19849	-5.03804	0.0329069	1.74542	1.74542	0.806982	0.946822	-1.05616	4.25E-06	0.0932739	-10.7211	52.649	41.5535	0.70156	1
cg19081885	FAM27L	5.16E-05	0.227965	0.785769	-1.27264	0.0985282	0.708112	-1.41221	0.0205387	0.587639	-1.70172	0.876657	0.970843	-1.03003	1.85E-06	0.104404	-9.57818	0.000362257	0.336478	-2.97196	0.00109338	2.5035	2.5035	0.600785	0.904306	-1.10582	0.000991767	0.393718	-2.53989	26.4037	15.178	0.51097	1
cg25706971	FAM27L	7.96E-05	0.000505716	0.33444	-2.99007	9.08E-05	0.244149	-4.09586	0.0638574	0.657191	-1.52163	0.0461296	0.630972	-1.58486	3.75E-06	0.113349	-8.82227	0.00307868	0.44198	-2.26254	0.000326898	0.310353	-3.22213	0.00398938	0.458455	-2.18124	0.000403138	0.321832	-3.10721	23.5287	15.1334	0.571721	1
cg08843769	FAM27L	0.000123959	0.000337481	0.276296	-3.61931	0.000257128	0.261994	-3.81689	0.0123392	0.499795	-2.00082	0.00822122	0.471154	-2.12245	1.18E-05	0.127058	-7.87042	0.000212379	0.252156	-3.96579	0.000232514	0.256794	-3.89417	0.0141458	0.509674	-1.96204	0.000857923	0.328092	-3.04792	20.9021	16.4036	0.697585	1
cg01015354	FAM27L	0.000430217	0.0515569	0.570886	-1.75166	0.000276163	0.221777	-4.50904	0.0485833	0.565584	-1.76808	0.000525574	0.254925	-3.92272	4.88E-05	0.144922	-6.90026	0.000494915	0.251724	-3.9726	0.00638182	0.407438	-2.45436	0.00649229	0.408626	-2.44723	0.00681072	0.411953	-2.42746	14.8977	15.098	0.900836	1
cg22606179	FAM27L	0.0102385	0.166486	0.695619	-1.43757	0.0100556	0.449675	-2.22383	0.0243657	0.516804	-1.93497	0.0715874	0.609584	-1.64046	0.000710657	0.281195	-3.55625	0.02819	0.528548	-1.89198	0.156641	0.688837	-1.45172	0.682669	0.903816	-1.10642	0.00501483	0.401158	-2.49278	5.86619	5.62363	0.852134	1
cg27510512	FAM32A	0.00376897	0.0137982	0.333674	-2.99694	0.328811	1.43827	1.43827	0.0803688	2.01263	2.01263	0.0286549	2.53676	2.53676	0.000196127	0.104558	-9.5641	0.180952	0.599169	-1.66898	0.746152	0.88947	-1.12426	0.893529	1.04947	1.04947	0.692084	1.15435	1.15435	7.99434	16.4644	1.83067	1
cg08657886	FAM32A	0.00616594	0.60878	1.05339	1.05339	0.0199692	0.753562	-1.32703	0.0095686	1.39176	1.39176	0.00343297	1.49253	1.49253	0.0323294	0.776858	-1.28724	0.594905	1.05556	1.05556	0.139579	0.851994	-1.17372	0.0807285	0.822721	-1.21548	0.0458999	0.794106	-1.25928	6.88092	1.10623	0.142904	1
cg13660670	FAM32A	0.0165506	0.348121	0.869998	-1.14943	0.431392	0.890678	-1.12274	0.402906	1.13134	1.13134	0.127627	0.788603	-1.26806	0.427376	0.889739	-1.12393	0.000276709	0.423967	-2.35868	0.100914	0.771814	-1.29565	0.682909	0.942507	-1.061	0.57328	1.08551	1.08551	5.01416	1.65055	0.292602	1
cg12189069	FAM32A	0.0415839	0.0351804	0.479117	-2.08717	0.699836	1.1232	1.1232	0.127144	0.609713	-1.64012	0.108166	0.591176	-1.69154	0.00262793	0.286816	-3.48655	0.0967856	0.578853	-1.72756	0.661206	0.876116	-1.1414	0.674178	1.1352	1.1352	0.0481195	0.507915	-1.96883	3.63069	5.17185	1.2662	1
cg14794065	FAM32A	0.0422922	0.0152912	0.708002	-1.41243	0.164099	0.841843	-1.18787	0.64906	0.948261	-1.05456	0.224905	1.15929	1.15929	0.0980622	0.81024	-1.2342	0.289801	1.13587	1.13587	0.0532727	0.775223	-1.28995	0.0443958	1.30699	1.30699	0.457375	1.09172	1.09172	3.60803	0.76834	0.189291	1
cg10802977	FAM35A	0.0159453	0.0642243	0.551051	-1.81471	0.00847833	0.381737	-2.61961	0.0129596	0.413206	-2.4201	0.00291989	0.309793	-3.22797	0.0547341	0.535577	-1.86715	0.42768	0.792892	-1.26121	0.171724	0.659059	-1.51732	0.675563	0.886368	-1.1282	0.00467423	0.34037	-2.93798	5.07677	6.60318	1.15615	1
cg15179515	FAM35B2	0.010698	0.382505	0.806164	-1.24044	0.815273	1.05792	1.05792	0.185791	0.713529	-1.40148	0.772686	0.932689	-1.07217	0.00058055	3.59738	3.59738	0.870514	0.961511	-1.04003	0.0288666	0.537965	-1.85886	0.0361927	0.556528	-1.79685	0.565795	1.14988	1.14988	5.78411	5.30253	0.814881	1
cg07116314	FAM36A	0.0328496	0.201905	1.28511	1.28511	0.00619365	0.514538	-1.94349	0.354724	0.837585	-1.19391	0.103891	0.718188	-1.39239	0.134116	0.740275	-1.35085	0.0446242	0.651021	-1.53605	0.00580567	0.510378	-1.95933	0.548532	0.89314	-1.11964	0.770948	0.947107	-1.05585	3.95654	2.17147	0.487848	1
cg13318537	FAM36A	0.0478685	0.513277	1.12933	1.12933	0.0223139	1.6526	1.6526	0.127402	1.35312	1.35312	0.340754	1.19734	1.19734	0.364718	1.18633	1.18633	0.591386	1.10453	1.10453	0.00726411	0.52979	-1.88754	0.0904544	1.40809	1.40809	0.812518	1.04455	1.04455	3.44454	1.836	0.473795	1
cg11227621	FAM36A;FAM36A	2.04E-05	4.94E-07	0.0147059	-68.0001	0.851735	1.03714	1.03714	0.0973999	1.44301	1.44301	0.0103239	1.98953	1.98953	0.947334	1.01295	1.01295	0.501975	1.14279	1.14279	0.0352795	0.603018	-1.65833	0.000147669	0.205207	-4.87314	0.334083	1.21687	1.21687	71.7888	41.1035	0.381708	1
cg05119385	FAM36A;FAM36A	0.00892678	0.491384	1.12268	1.12268	0.0113364	0.591592	-1.69035	0.0147224	1.64388	1.64388	0.957698	0.991256	-1.00882	0.243787	1.22374	1.22374	0.526587	0.899217	-1.11208	0.00125202	0.458275	-2.1821	0.295747	1.19664	1.19664	0.12309	0.758375	-1.31861	6.12823	2.66061	0.385916	1
cg14013220	FAM36A;FAM36A	0.0112642	0.0154428	0.298401	-3.35119	0.000767567	0.125754	-7.95206	0.970097	0.984861	-1.01537	0.0982678	0.478089	-2.09166	0.316428	0.656064	-1.52424	0.771199	1.12599	1.12599	0.0252133	2.95391	2.95391	0.816961	0.909963	-1.09895	0.62563	1.22152	1.22152	5.68881	14.9214	2.33149	1
cg09521490	FAM38A	0.000149142	0.232646	1.21294	1.21294	0.269121	0.837354	-1.19424	0.0127469	0.620447	-1.61174	0.737075	0.949357	-1.05334	0.0134925	0.623958	-1.60267	2.71E-06	0.175617	-5.69422	0.0113065	1.63113	1.63113	0.371644	1.15198	1.15198	0.485565	1.11549	1.11549	19.8877	7.49285	0.334897	1
cg26539522	FAM38A	0.000179795	0.975187	0.997299	-1.00271	6.76E-06	0.419438	-2.38414	0.0121512	1.3123	1.3123	0.000135335	0.562928	-1.77643	0.406885	0.92888	-1.07656	0.253833	0.901571	-1.10918	0.627331	1.04346	1.04346	0.832764	1.01856	1.01856	0.820149	1.02	1.02	18.9088	2.26431	0.106443	1
cg26828643	FAM38A	0.000214987	0.00495508	1.66776	1.66776	0.000459032	2.13459	2.13459	0.17231	1.22103	1.22103	0.000875293	1.98586	1.98586	0.223013	1.19246	1.19246	0.000129002	0.400643	-2.49599	0.046246	0.730587	-1.36876	0.00245932	1.78428	1.78428	0.0111414	1.54866	1.54866	18.0144	5.39146	0.266031	1
cg03062760	FAM38A	0.000694421	0.0419108	2.07444	2.07444	0.0326609	2.17705	2.17705	0.0734687	1.86096	1.86096	0.975426	1.00963	1.00963	0.898449	0.961043	-1.04054	0.012313	0.379053	-2.63815	0.128185	1.6683	1.6683	1.34E-05	17.0574	17.0574	0.231582	1.47772	1.47772	13.0401	20.0032	1.36353	1
cg16537285	FAM38A	0.00110463	0.0170782	0.512437	-1.95146	0.0382405	0.575651	-1.73716	0.00044799	0.279951	-3.57206	0.101084	0.661737	-1.51117	0.000594438	0.295483	-3.38429	0.00099271	0.324683	-3.07993	0.0856562	0.646073	-1.54781	0.000705911	0.305121	-3.27739	0.00100355	0.325316	-3.07394	11.4386	9.57942	0.744414	1
cg05544885	FAM38A	0.00151205	0.899293	0.970252	-1.03066	0.0417466	0.571302	-1.75039	0.129551	0.676623	-1.47793	0.753795	0.927699	-1.07794	0.000129455	0.204679	-4.8857	0.000441013	0.266133	-3.75751	0.0488244	1.71025	1.71025	0.260893	1.32271	1.32271	0.575346	0.873715	-1.14454	10.4555	9.42111	0.80095	1
cg03641033	FAM38A	0.00186987	0.711711	1.09871	1.09871	0.000764854	3.64298	3.64298	0.694613	1.10524	1.10524	0.0994062	1.58095	1.58095	0.00100744	0.290058	-3.44759	0.0543211	1.73978	1.73978	0.00998313	0.438224	-2.28194	0.025573	1.95955	1.95955	0.485545	1.19688	1.19688	9.83249	10.015	0.905391	1
cg17590589	FAM38A	0.00223373	0.0303064	0.674837	-1.48184	0.0660591	0.727269	-1.37501	0.621599	1.07987	1.07987	3.91E-05	0.296378	-3.37407	0.807981	0.963093	-1.03832	0.337278	0.858311	-1.16508	0.152133	1.26735	1.26735	0.38056	1.14902	1.14902	0.162635	0.794366	-1.25887	9.33561	3.52681	0.335804	1
cg01485326	FAM38A	0.00242361	0.0174969	0.511553	-1.95483	0.00200916	2.74641	2.74641	0.00156398	0.348784	-2.86711	0.224725	0.744112	-1.34388	0.0072244	0.447782	-2.23323	0.599082	0.884304	-1.13083	0.106642	1.50428	1.50428	0.0486731	1.68522	1.68522	0.726144	1.08492	1.08492	9.11485	7.75478	0.756254	1
cg00328817	FAM38A	0.00269633	0.0265111	0.597238	-1.67437	0.0030669	2.21346	2.21346	0.305793	1.23097	1.23097	0.466551	1.15628	1.15628	0.00215007	0.429749	-2.32694	0.0360705	1.61249	1.61249	0.00304723	2.21544	2.21544	0.0732101	1.47926	1.47926	0.809412	0.95375	-1.04849	8.83294	5.37293	0.540696	1
cg05635114	FAM38A	0.00285412	0.262802	0.710082	-1.40829	0.00239959	0.289263	-3.45706	0.762171	1.09309	1.09309	0.560995	1.18814	1.18814	0.00168112	0.267962	-3.73187	0.000498421	0.202414	-4.94038	0.00643136	0.353675	-2.82746	0.741126	1.10211	1.10211	0.0289709	0.470002	-2.12765	8.6856	11.8302	1.21071	1
cg10227665	FAM38A	0.00306469	0.495948	0.862648	-1.15922	0.560409	1.13408	1.13408	0.157708	0.724084	-1.38105	0.00597858	2.15534	2.15534	0.860818	0.963189	-1.03822	0.000233274	0.271288	-3.68612	0.0350773	0.591712	-1.69001	0.0646507	1.55821	1.55821	0.215955	1.32088	1.32088	8.50408	6.15155	0.64299	1
cg23657639	FAM38A	0.003977	0.0118924	0.607839	-1.64517	0.153687	0.784887	-1.27407	0.959199	0.99192	-1.00815	0.224158	0.816695	-1.22445	0.00217485	0.505585	-1.97791	0.0590453	0.713164	-1.4022	0.00085295	0.451747	-2.21363	0.000810282	0.448841	-2.22796	0.0196528	0.63959	-1.5635	7.86615	3.13269	0.353999	1
cg03895784	FAM38A	0.00402439	0.855052	1.0479	1.0479	0.000257205	0.214462	-4.66283	0.0588861	0.579312	-1.72618	0.152986	1.47936	1.47936	0.00387668	0.369589	-2.70571	0.0542872	0.571871	-1.74864	0.187576	0.699519	-1.42955	0.0990885	1.5883	1.5883	0.454649	0.822936	-1.21516	7.83811	8.12803	0.921767	1
cg07995319	FAM38A	0.00495931	0.51338	1.16927	1.16927	0.232177	0.744078	-1.34395	0.864742	1.04104	1.04104	0.832667	0.951309	-1.05118	0.000236215	0.237522	-4.21013	0.00248895	0.370951	-2.69578	0.0926933	0.6463	-1.54727	0.181568	1.39735	1.39735	0.0967164	0.650391	-1.53754	7.35692	6.48532	0.783579	1
cg09854828	FAM38A	0.00515818	0.0237303	0.685339	-1.45913	0.0952499	1.29247	1.29247	0.0868408	0.767449	-1.30302	0.308723	0.862905	-1.15888	0.000179476	0.411549	-2.42984	0.00848434	0.624831	-1.60043	0.531434	0.915098	-1.09278	0.210139	0.831237	-1.20303	0.149508	0.805499	-1.24147	7.26908	2.25525	0.27578	1
cg27650089	FAM38A	0.00638506	0.957249	0.992767	-1.00729	0.25747	1.17356	1.17356	0.0453029	0.732732	-1.36476	0.332611	1.14494	1.14494	0.371752	0.883208	-1.13224	0.00663984	0.620593	-1.61136	0.00081785	1.98008	1.98008	0.367155	0.882093	-1.13367	0.050281	0.739183	-1.35284	6.80693	1.97712	0.258185	1
cg06988897	FAM38A	0.00665285	0.533651	1.20192	1.20192	0.129222	1.61332	1.61332	0.610326	0.860753	-1.16177	0.191993	1.49623	1.49623	0.437719	1.2598	1.2598	0.528032	0.829839	-1.20505	0.00994586	2.58536	2.58536	0.000174902	6.4087	6.4087	0.0241557	2.19101	2.19101	6.72069	9.06022	1.19832	1
cg00020794	FAM38A	0.0091697	0.0640809	0.812912	-1.23015	0.00413663	1.46627	1.46627	0.878848	1.0153	1.0153	0.670027	1.04359	1.04359	0.0604383	0.809972	-1.23461	0.00572079	0.697225	-1.43426	0.0306459	1.2876	1.2876	0.14195	1.17019	1.17019	0.497569	1.07095	1.07095	6.07623	0.953513	0.139489	1
cg00570849	FAM38A	0.0109596	0.552028	1.08442	1.08442	0.168631	0.820713	-1.21845	0.00230476	0.563455	-1.77476	0.152239	1.22946	1.22946	0.0560857	1.33836	1.33836	0.0859055	1.29129	1.29129	0.0176778	1.47502	1.47502	0.404799	1.12167	1.12167	0.0850348	0.773755	-1.2924	5.73933	1.64918	0.25542	1
cg01011276	FAM38A	0.0109825	0.253793	0.82021	-1.2192	0.119365	0.754972	-1.32455	0.174403	0.786415	-1.27159	0.787919	1.04586	1.04586	0.000198104	0.35351	-2.82877	0.094593	0.736704	-1.3574	0.0427097	0.678424	-1.474	0.542109	0.902461	-1.10808	0.503364	1.11957	1.11957	5.73547	2.51239	0.389372	1
cg10176258	FAM38A	0.01105	0.0812267	1.36712	1.36712	0.157088	1.27737	1.27737	0.125446	1.30772	1.30772	0.00144559	2.10595	2.10595	0.4949	0.893935	-1.11865	0.322365	0.847573	-1.17984	0.212511	1.23667	1.23667	0.0961049	0.744065	-1.34397	0.0183903	0.629547	-1.58844	5.72415	2.37263	0.368441	1
cg04357025	FAM38A	0.011818	0.465719	0.877515	-1.13958	0.0219361	0.6164	-1.62232	0.425763	0.866625	-1.1539	0.121411	0.744113	-1.34388	0.000642529	0.39773	-2.51427	0.0250123	0.625415	-1.59894	0.0584251	0.68635	-1.45698	0.276643	1.22038	1.22038	0.0186915	0.605527	-1.65145	5.60118	2.74816	0.436124	1
cg05356226	FAM38A	0.0124401	0.0231533	0.49406	-2.02404	0.0159683	0.464787	-2.15152	0.362859	0.784374	-1.2749	0.0507097	0.560925	-1.78277	0.00345974	0.356706	-2.80343	0.231143	0.721667	-1.38568	0.0106924	0.434636	-2.30078	0.00322143	0.352086	-2.84022	0.0149362	0.459664	-2.1755	5.50864	5.88403	0.949462	1
cg02443732	FAM38A	0.0137347	0.427329	0.848109	-1.17909	0.659823	1.09422	1.09422	0.548234	1.13145	1.13145	0.127199	1.39837	1.39837	0.000381439	0.315624	-3.16833	0.478764	0.863831	-1.15763	0.0996568	1.44314	1.44314	0.827479	0.956602	-1.04537	0.368101	1.20675	1.20675	5.3333	3.49038	0.581733	1
cg04936610	FAM38A	0.0150466	0.199818	0.778685	-1.28422	0.0100093	1.82306	1.82306	0.00350701	0.481266	-2.07785	0.464906	1.14724	1.14724	0.152114	1.32755	1.32755	0.79591	1.04903	1.04903	0.0981699	1.39797	1.39797	0.031238	1.59489	1.59489	0.830021	1.0405	1.0405	5.17539	2.79579	0.480186	1
cg06225923	FAM38A	0.016918	0.08506	3.53016	3.53016	0.926702	1.06285	1.06285	0.246311	0.447913	-2.23258	0.0908035	3.43556	3.43556	0.0178311	0.148398	-6.73864	0.455055	0.604089	-1.65538	0.0034424	0.0719479	-13.8989	0.334996	1.93214	1.93214	0.076676	3.68531	3.68531	4.97752	34.5936	6.17776	1
cg09644558	FAM38A	0.0188071	0.135121	1.21771	1.21771	0.00255216	1.66833	1.66833	0.00917482	1.4987	1.4987	0.29567	1.14181	1.14181	0.967008	1.00507	1.00507	0.00716892	1.52889	1.52889	0.341806	1.12725	1.12725	0.76177	1.03788	1.03788	0.222421	0.854874	-1.16976	4.8036	1.1377	0.210528	1
cg14926485	FAM38A	0.0208613	0.353449	1.15297	1.15297	0.0190547	1.52672	1.52672	0.160561	1.25042	1.25042	0.631521	0.930492	-1.0747	0.0406753	1.42239	1.42239	0.0148985	1.56278	1.56278	0.00116709	2.03534	2.03534	0.363901	1.14925	1.14925	0.124078	1.28184	1.28184	4.6375	1.63263	0.312932	1
cg00816037	FAM38A	0.0230041	0.43101	0.760601	-1.31475	0.147881	0.589451	-1.69649	0.00417046	0.270591	-3.69562	0.107522	0.549895	-1.81853	0.00553465	0.289043	-3.4597	0.284243	0.684722	-1.46045	0.147453	1.69758	1.69758	0.265812	1.48407	1.48407	0.153758	0.594549	-1.68195	4.48458	8.23318	1.6319	1
cg08968329	FAM38A	0.0278145	0.0761662	0.751132	-1.33132	0.0117595	1.57835	1.57835	0.31603	1.16224	1.16224	0.0496977	0.722745	-1.38361	0.103125	0.77215	-1.29509	0.756374	1.04617	1.04617	0.803304	0.964453	-1.03686	0.0271795	1.46109	1.46109	0.192875	0.818844	-1.22123	4.1976	1.39835	0.296116	1
cg02167678	FAM38A	0.034346	0.435028	0.871096	-1.14798	0.246137	1.23388	1.23388	0.0208074	0.617486	-1.61947	0.866728	1.02953	1.02953	0.0244713	0.628504	-1.59108	0.986608	0.997096	-1.00291	0.0164379	1.66195	1.66195	0.16754	1.29033	1.29033	0.181574	0.78214	-1.27854	3.89359	1.85135	0.422655	1
cg06855137	FAM38A	0.0370078	0.169682	0.755519	-1.32359	0.0157988	0.567373	-1.76251	0.0417917	0.637817	-1.56785	0.69084	1.07963	1.07963	0.0238187	0.59634	-1.6769	0.27593	0.804758	-1.24261	0.0390894	1.58038	1.58038	0.577233	1.11397	1.11397	0.202902	0.772887	-1.29385	3.78957	2.20458	0.51711	1
cg04566534	FAM38A	0.0384496	0.0316168	1.67905	1.67905	0.297411	0.800798	-1.24875	0.992938	0.998182	-1.00182	0.0410062	1.6241	1.6241	0.436705	0.84945	-1.17723	0.961573	0.990141	-1.00996	0.165673	1.35532	1.35532	0.00287298	2.32399	2.32399	0.635163	1.10328	1.10328	3.73701	2.50295	0.595354	1
cg26603047	FAM38A	0.0396293	0.445605	0.89252	-1.12042	0.360155	0.871465	-1.14749	0.964904	1.00646	1.00646	0.395654	0.880545	-1.13566	0.825059	1.0329	1.0329	0.458754	0.895542	-1.11664	0.00115501	2.01021	2.01021	0.802847	1.03726	1.03726	0.148257	0.797087	-1.25457	3.69578	1.2518	0.301075	1
cg02610723	FAM38A	0.0399942	0.0114346	0.339039	-2.94951	0.0357212	0.433765	-2.3054	0.172812	0.609078	-1.64183	0.108552	0.549786	-1.81889	0.00437035	0.272247	-3.67314	0.287813	0.68581	-1.45813	0.0432716	0.451799	-2.21337	0.0392464	0.442529	-2.25974	0.39809	0.744018	-1.34405	3.68333	6.81346	1.64427	1
cg04318353	FAM38A	0.0440874	0.0150612	6.97935	6.97935	0.0292223	5.31665	5.31665	0.0166555	6.69396	6.69396	0.131735	2.88092	2.88092	0.163417	2.63093	2.63093	0.0786649	3.56129	3.56129	0.0211516	6.06626	6.06626	0.0402873	4.66823	4.66823	0.0399729	4.68303	4.68303	3.55263	23.797	5.95414	1
cg03117976	FAM38B	3.82E-05	?	?	?	?	?	?	?	?	?	0.000315642	0.179998	-5.55562	?	?	?	4.04E-06	0.0151244	-66.1182	0.0157477	2.01303	2.01303	0.0600649	[illegible]	[illegible]	[illegible]	1.2178	1.2178	113.977	38.5642	0.339242	1
cg06510438	FAM38B	0.000112885	0.244851	0.855828	-1.16846	0.0286929	1.39133	1.39133	0.241022	0.854541	-1.17008	0.54987	1.0805	1.0805	0.000259212	0.655108	-1.52647	0.000735914	0.51474	-1.94274	2.27E-06	0.227028	-4.40475	0.852735	0.976499	-1.02407	0.389607	1.11944	1.11944	21.4336	5.55963	0.230568	1
cg00335882	FAM38B	0.000261983	0.00325165	0.39913	-2.50545	0.0163736	0.572605	-1.74642	0.0389746	0.677447	-1.47617	0.0439001	1.56055	1.56055	0.00017981	0.291355	-3.43223	0.0590583	0.540844	-1.84896	0.000366453	0.0864628	-11.5655	0.000337418	0.207563	-4.8178	0.00110094	0.270503	-3.69682	17.2093	7.39053	0.429449	1
cg05331731	FAM38B	[illegible]	0.00109501	0.337866	-2.95975	0.000357745	0.412808	-2.42243	0.0665054	0.628975	-1.58989	0.00104237	0.297283	-3.36379	[illegible]	[illegible]	[illegible]	0.736104	1.0792	1.0792	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24879209	FAM38B	0.000872475	0.0238881	2.6882	2.6882	0.00366787	2.5036	2.5036	0.0275009	1.83868	1.83868	0.00455433	2.23194	2.23194	[illegible]	[illegible]	[illegible]	0.0264459	1.84923	1.84923	0.000749702	2.23458	2.23458	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21056334	FAM38B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20502234	FAM38B	0.0179845	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05478452	FAM38B	0.0262053	0.013679	8.35352	8.35352	0.0869362	3.72832	3.72832	0.128838	3.13469	3.13469	0.0147088	8.08719	8.08719	0.0361696	5.45033	5.45033	0.088928	3.6916	3.6916	0.0436708	5.02474	5.02474	0.00303972	16.8896	16.8896	0.0558756	4.51698	4.51698	4.28627	32.896	6.82198	1

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Authors Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16969586	FAM38B	0.0293294	0.0117944	4.65889	4.65889	0.0666825	2.73477	2.73477	0.490007	1.4093	1.4093	0.100548	2.41136	2.41136	0.0629951	2.78256	2.78256	0.0160587	4.22825	4.22825	0.0445555	3.09143	3.09143	0.00359201	6.88505	6.88505	0.0695262	2.70018	2.70018	4.11973	15.6209	3.37042	1
cg21165219	FAM38B	0.0394963	0.0658016	0.603675	-1.65652	0.0657902	1.65656	1.65656	0.402582	0.811046	-1.23298	0.0868699	0.629833	-1.58772	0.0796148	1.60907	1.60907	0.524877	0.854247	-1.17062	0.0188307	2.00508	2.00508	0.176884	1.42041	1.42041	0.302665	0.770245	-1.29829	3.70035	3.50309	0.841504	1
cg02855049	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.000246119	0.0926512	1.55137	1.55137	0.162301	1.42484	1.42484	0.00103959	0.315875	-3.16581	0.396154	1.22901	1.22901	7.21E-06	0.0952619	-10.4974	0.0263462	1.86842	1.86842	0.442531	0.830424	-1.2042	0.706632	1.09388	1.09388	0.891501	1.03292	1.03292	17.3638	15.488	0.792861	1
cg06046085	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.00157575	0.387684	0.786404	-1.27161	0.74166	1.09393	1.09393	0.090389	0.602661	-1.65931	0.99065	1.00319	1.00319	0.00288446	0.328864	-3.04077	0.321644	1.32032	1.32032	0.0571484	1.79328	1.79328	0.000496137	4.3901	4.3901	0.000880282	3.86978	3.86978	10.3319	12.0518	1.03686	1
cg06851753	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.00208899	0.83792	0.918829	-1.08834	0.028662	2.90632	2.90632	0.290562	0.635503	-1.57356	0.00641224	4.33067	4.33067	0.0946461	0.468008	-2.13672	0.650887	1.20718	1.20718	0.00171832	6.3555	6.3555	0.000471089	9.68811	9.68811	0.0042077	4.87582	4.87582	9.52027	25.7577	2.40494	1
cg26339788	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.00386967	0.115183	3.02505	3.02505	0.0174463	6.48985	6.48985	0.54105	0.670395	-1.49166	0.0381555	4.72551	4.72551	0.548742	0.675616	-1.48013	0.310017	1.97171	1.97171	0.000340407	41.6612	41.6612	0.00406107	12.0985	12.0985	0.0029383	14.0107	14.0107	7.93121	52.4635	5.87984	1
cg11254749	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.00401158	0.0247529	0.541168	-1.84786	0.109749	0.669993	-1.49255	0.00403662	0.411854	-2.42805	0.00750172	0.453607	-2.20455	0.000313646	0.261335	-3.82651	0.501841	1.1695	1.1695	0.752798	0.929994	-1.07528	0.145674	1.43168	1.43168	0.377061	0.812039	-1.23147	7.84565	6.55636	0.742816	1
cg23396935	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.00616905	0.0750943	2.59032	2.59032	0.00126985	9.56307	9.56307	0.382595	1.53722	1.53722	0.146313	2.11448	2.11448	0.0275371	0.286058	-3.4958	0.0744195	2.59734	2.59734	0.00401722	6.39856	6.39856	0.0198231	3.86049	3.86049	0.023815	3.65201	3.65201	6.87984	25.1258	3.2463	1
cg02329520	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.00805046	0.166697	1.50522	1.50522	0.0126524	0.423305	-2.36236	0.0223831	0.468163	-2.13601	0.0252052	0.477951	-2.09227	0.000557684	0.226503	-4.41496	0.611594	1.15261	1.15261	0.579665	0.856269	-1.16786	0.524656	1.19579	1.19579	0.221653	0.700274	-1.42801	6.33161	7.71395	1.08295	1
cg18440523	FAM3B;FAM3B	0.00466065	0.00041762	0.443627	-2.25415	0.108372	0.775385	-1.28968	0.132079	0.789723	-1.26627	0.00253762	0.544165	-1.83768	0.00700146	0.602582	-1.65952	0.288387	1.17361	1.17361	0.751272	1.04727	1.04727	0.388488	1.13697	1.13697	0.179026	0.812747	-1.23039	7.49742	2.505	0.296991	1
cg06735472	FAM3B;FAM3B	0.0113672	0.0106792	0.523204	-1.9113	0.110034	0.703574	-1.42131	0.143763	0.728298	-1.37306	0.468839	1.16039	1.16039	0.396316	0.839183	-1.19164	0.0137276	0.540628	-1.8497	0.000439732	0.326056	-3.06696	0.811317	0.952874	-1.04946	0.323922	0.814132	-1.2283	5.67212	3.65992	0.573553	1
cg10019329	FAM3B;FAM3B	0.0120058	0.00207374	0.541218	-1.84769	0.364082	0.876284	-1.14118	0.00434471	0.582969	-1.71536	0.100896	0.775377	-1.2897	0.361026	0.875504	-1.1422	0.0141255	1.53549	1.53549	0.452504	0.897295	-1.11446	0.524388	0.912701	-1.09565	0.42655	0.891405	-1.12183	5.57263	1.76951	0.282254	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 537T vs. N)	Fold-Change(537T vs. 537T vs. N)	p-value(563T vs. 637T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02180347	FAM48B2	0.00606607	0.145618	0.756896	-1.32139	0.874786	0.972279	-1.02851	0.0402021	0.655354	-1.52589	0.980261	1.0024	1.0024	0.000196663	0.327654	-1.052	0.113605	1.13433	1.13433	0.892942	0.976282	-1.02429	0.0549357	0.677814	-1.47533	0.0152585	0.587956	-1.70081	6.91573	3.48068	0.447377	1
cg10626623	FAM48B2	0.0235252	0.746754	1.10547	1.0029054	0.281801	-3.5486	0.0336272	0.463952	-2.1554	0.527559	0.820304	-1.21906	0.00380257	0.298807	-3.34664		0.874159	1.05027	1.05027	1.75561	-1.32343	0.714682	0.802594	-1.12033	4.45005	0.749684	1.34824	1
cg18509722	FAM48B2	0.0347326	0.486726	1.31748	1.31748	1.099446	0.506143	-1.97572	0.00606591	0.240043	-4.04787	0.986959	0.70751	-1.41341	0.00927095	0.275769	-3.6263		0.95037	1.02458	1.02458	0.0891253	1.07817	2.07817	0.878736	1.06138	1.06138	0.7153116	1.15363	1.15363	1.87787	9.34945	2.14309	1
cg07712663	FAM49A	0.0820666	0.756097	-1.32153	0.00742462	1.6471	1.6471	0.010541	0.627734	-1.59306	0.0266869	1.47819	1.47819	2.63E-05	0.300172	-3.33144		0.583471	1.08343	1.08343	0.0063046	0.597592	-1.67338	3.16E-05	3.2333	3.2333	0.116694	0.7814044	-1.27975	24.0736	7.98441	0.294815	1
cg19482842	FAM49A	0.000176397	0.121684	0.820151	-1.21929	0.847946	1.02294	1.02294	0.0856247	0.798903	-1.25172	0.887683	1.01684	1.01684	0.683497	1.04963	1.04963		0.00139406	1.72851	1.72851	0.0808321	0.795506	-1.25706	3.43E-06	3.64013	3.64013	0.108773	10.0866	4.203151	0.196587	1
cg17981790	FAM49A	0.00690538	0.353604	0.858349	-1.16503	0.182711	1.25395	1.25395	0.178483	0.795505	-1.25706	0.0215846	0.643017	-1.55157	0.889477	0.977993	-1.0225		0.330091	1.1745	1.1745	0.00140604	2.09619	2.09619	0.00386855	1.86409	1.86409	0.2404005	0.821443	-1.21739	6.64324	2.69047	0.36057	1
cg24103799	FAM49A	0.0172814	0.102227	1.53836	1.53836	0.00261501	2.72859	2.72859	0.0450755	1.73983	1.73983	0.46039	1.22699	1.22699	0.284686	0.76518	-1.30688		0.00479705	2.46313	2.46313	0.100075	1.54335	1.54335	0.0346059	1.81006	1.81006	0.741147	0.923267	-1.08311	4.94225	4.54004	0.81655	1
cg10502303	FAM49A	0.0189252	0.0169875	0.287079	-3.48245	0.00539252	0.207939	-4.80934	0.00415404	0.192755	-5.18889	0.452597	0.720313	-1.38828	0.0243322	0.946998	-2.88186		0.393644	0.687544	1.45445	0.0110429	0.80443	-1.39605	0.0103115	0.943669	-2.90978	0.104681	0.467502	-2.13903	4.79345	13.9553	2.58784	1
cg21646084	FAM49A	0.0240013	0.121993	0.7854506	-1.27323	0.7852272	0.961408	-1.04014	0.0247452	0.6803	-1.46994	0.01999	0.667237	-1.49873	0.825731	1.03229		0.110391	1.28495	1.28495	0.0019953	1.67249	1.67249	0.740651	0.95326	-1.04903	0.532784	0.912977	-1.09532	4.43131	1.45355	0.292363	1
cg10288578	FAM49A	0.0490202	0.0448887	0.442247	-2.26118	0.0158561	0.350908	-2.84975	0.162575	0.58956	-1.69618	0.910359	1.04072	1.04072	0.00528693	0.271697	-3.68058		0.470692	0.770989	-1.29704	0.228353	0.638838	-1.56534	0.263111	1.51181	1.51181	0.497853	0.783557	-1.27623	3.41368	6.7914	1.76841	1
cg25020293	FAM49A	0.000685274	0.00064931	0.342509	-2.91981	0.262294	0.0004	-3.54718	0.00184896	0.403992	-2.47586	0.00565236	0.475226	-2.10331	0.00126311	0.354776	-2.82502		0.00296633	0.433663	2.30594	0.00732157	0.305573	-3.27241	0.00215234	0.413638	-2.41757	13.0887	8.70118	0.590022	1
cg22730988	FAM49B	0.00356749	0.0311752	2.29851	0.516525	0.934134	-1.0703	0.00572124	0.687804	-1.4539	0.0739152	0.814054	-1.22842	0.00384284	1.49548	1.49548		0.103762	0.83213	-1.20174	0.0547622	1.25237	0.25237	0.0163389	0.777746	-1.28577	0.0105391	0.717199	-1.39431	8.1272	1.37344	0.150216	1
cg07213228	FAM49B	0.00414679	0.864124	0.975861	-1.02791	0.0016246	0.684157	0.0555	0.00589386	0.447508	1.2846	0.2017759	0.629418	-1.55877	0.286514	1.19458	1.19458		0.217531	1.23195	1.23195	0.123664	1.30719	1.30719	0.308238	0.84416	-1.18461	0.0282102	0.695818	-1.51626	7.29757	1.17446	0.161272	1
cg24393391	FAM49B	0.00649637	0.312149	0.704937	-1.41857	0.00422001	3.60083	3.60083	0.0836432	1.897	1.897	0.8658846	1.9939	1.9939	0.0605424	2.02929	2.02929		0.00111153	0.200749	-4.98135	0.185142	0.740721	-1.35004	0.651366	1.1643	1.1643	0.649522	1.165512	1.16532	6.370555	11.9917	1.57436	1
cg02711724	FAM49B	0.00658441	0.558518	0.894329	-1.11816	0.00077238	0.379038	-2.61826	0.549358	0.8919	-1.12109	0.63314	1.0902	1.0902	0.0407753	2.31621		0.726563	1.06849	1.06849	0.0017759	2.31641	2.31641	0.231397	1.26738	1.26738	0.149412	0.746926	-1.33882	5.674232	3.80487	0.501624	1
cg03995571	FAM49B	0.00165628	0.00165666	0.58054	-2.91306	0.407065	1.51173	1.51173	0.0499064	1.50023	3.00023	0.8862383	1.07286	1.07286	0.295152	1.75049	1.75049		0.632884	0.78043	-1.28073	0.0314907	2.289572	-1.45337	0.0349912	2.2090668	-1.34372	0.954291	0.97223	-1.02856	5.012933	16.3647	1.39827	1
cg19772620	FAM49B	0.0224898	0.992228	1.00193	1.00193	0.00677723	2.499509	-2.00196	0.0109469	0.531721	-1.88068	0.79488	0.94977	-1.05289	0.45806	1.16121	1.16121		0.150415	1.3565	1.3565	0.0172718	1.77481	1.77481	0.51725	1.13868	1.13868	0.705847	0.927739	-1.07789	4.51963	2.80071	0.550825	1
cg17193551	FAM49B	0.0237275	0.925362	1.02427	1.02427	0.272711	0.745004	-1.34173	0.0209894	2.07911	2.07911	0.126383	1.53478	1.53478	0.329747	0.272004	-1.67618		0.477208	0.83747	-1.2034	0.00140109	1.53265	1.53265	0.76204	1.08087	1.08087	0.415921	0.807746	-1.23801	4.91879	4.99494	0.789819	1
cg18152311	FAM49B	0.0138242	0.0453604	0.4258558	-1.70923	0.136244	1.46741	1.46741	0.114223	0.6633367	-1.57184	0.0323666	0.813939	1.81939	0.0416095	1.75271		0.110968	1.4968	1.4968	0.0775955	0.647774	-1.54375	0.263091	0.756576	-1.32142	0.958744	1.01243	1.91515	3.53841	0.803355	1.32134	1
cg09055355	FAM49B;FAM49B	0.00756626	0.0999426	1.16787	1.16787	0.020446	1.27184	1.27184	0.00814977	1.33846	1.33846	0.806052	1.0214	1.0214	0.000378369	0.613278	-1.63058		0.226841	0.896529	-1.11541	0.00290951	0.703125	-1.42222	0.00148755	1.483355	1.483355	0.0936091	1.17202	1.17202	12.7301	1.49397	0.104318	1
cg15879104	FAM50A	2.76E-05	0.500586	1.05845	1.01945	0.73585	1.0626	1.0626	1.86E-05	0.185537	-1.38977	0.00017237	0.291464	-1.44506	0.026-06	0.0840222	-1.55702		0.117671	0.720142	-1.38861	0.2184898	0.779743	-1.28412	0.267382	0.799921	-1.25012	0.264271	1.2521	1.2521	18.4033	0.525547	1
cg21856112	FAM50A	0.00367869	0.567668	1.19035	1.19035	0.223677	0.680019	-1.47055	0.00115165	0.236703	-4.22247	0.26633	0.705134	-1.41817	0.00244754	0.160851	-6.21694		0.719409	1.14196	1.14196	0.0954897	1.37627	1.37627	0.541584	1.2049	1.2049	0.981689	1.000695	1.000695	0.05275	11.6052	1.28102	1
cg11640914	FAM50A	0.0308965	0.1195941	1.27946	1.2684	0.0390398	0.635675	-1.56397	0.0307	0.5519909	-1.81317	0.2408707	0.5119302	-1.95341	0.0650515	1.290005	-1.37932		0.0412794	2.42039	2.42039	0.0044694	2.04772	2.04772	0.0466264	1.64369	1.64369	0.0984563	1.622159	-1.01866	0.0857	8.829447	1.26562	1
cg03330552	FAM50B	7.16E-05	7.44E-05	3.41794	3.41794	0.000130346	3.1104	3.1104	0.00435779	1.91658	1.91658	0.362871	1.17097	1.17097	0.000227904	0.351283	2.8467		0.0131048	1.69133	1.69133	0.727165	0.94193	-1.06165	7.69E-05	3.39877	3.39877	0.0088877	1.76588	1.76588	24.2061	11.1832	0.410664	1
cg17485265	FAM50B	0.000103169	0.149915	0.789646	-1.26639	0.0328156	1.46523	1.46523	0.0687799	1.36565	1.36565	0.264998	1.19451	1.19451	3.53E-06	0.188965	-5.29199		0.150155	1.26619	1.26619	0.000839918	2.15697	2.15697	0.0676973	1.36772	1.36772	0.137793	0.783089	-1.27699	21.9555	8.14018	0.329548	1
cg27445347	FAM50B	0.00192042	0.0393936	1.88513	1.88513	0.00124147	3.5037	3.5037	0.0283611	1.99118	1.99118	0.264805	1.30023	1.30023	0.0002183	2.88238		0.0159724	2.18861	2.18861	0.0007274	2.43641	2.43641	0.0032966	2.00628	2.00628	0.0100068	2.37245	2.37245	9.79554	10.9072	0.993718	1
cg14275511	FAM50B	0.00268116	0.0653858	1.50697	1.50697	0.038111	1.64692	1.64692	0.0135377	1.83295	1.83295	0.0486592	1.56284	1.56284	0.0445742	1.5798	1.5798		0.00752022	1.9779	1.9779	5.98E-05	4.35598	4.35598	0.0142188	1.82153	1.82153	0.0307899	1.65358	1.65358	8.84767	5.50889	0.553455	1
cg12840312	FAM50B	0.00770935	0.4130787	1.36831	1.00357	0.0557064	1.78706	2.08706	0.0635267	2.44047	2.44047	0.0517978	1.32654	1.32654	0.0155914	1.9555	1.9555		0.0239702	3.18894	3.18894	0.000652129	3.12469	3.12469	0.0027156	2.54077	2.54077	0.0264631	3.10517	3.10517	8.66143	25.2615	2.61057	1
cg05811177	FAM50B	0.00331331	0.0123064	2.80232	2.80232	0.00207263	2.9126	2.9126	0.163409	1.63506	1.63506	0.306411	1.41909	1.41909	0.346612	1.725885	1.37763		0.0248648	1.4173	1.4173	0.00239324	1.76449	1.76449	0.0062731	1.32481	1.32481	0.0851201	1.89436	1.89436	8.80881	14.378	1.53818	1
cg13101072	FAM50B	0.00683183	0.0202078	3.20228	3.20228	0.0078922	4.121	4.121	0.0978795	2.1267	2.1267	0.157478	1.87412	1.87412	0.97241	0.985731	-1.01448		0.0151115	3.45746	3.45746	0.000388654	10.4933	10.4933	0.012548	3.63353	3.63353	0.0284988	2.92742	2.92742	6.66543	18.2287	2.43094	1
cg18872973	FAM50B	0.00709239	0.0075079	3.43683	3.43683	0.00196416	2.64672	2.64672	0.0207539	1.89919	1.89919	0.0554227	1.62251	1.62251	0.204272	1.6101	1.6101		0.0332444	2.43626	2.43626	0.0014766	2.54833	2.54833	0.0133571	2.01719	2.01719	0.0277894	2.67784	2.67784	6.1053	12.3786	1.80223	1
cg16907934	FAM50B	0.0114326	0.150993	2.00135	2.00135	0.0316744	3.11308	3.11308	0.00565944	5.12867	5.12867	0.868016	0.926776	-1.07786	0.0171456	0.26991	-3.70493		0.166219	1.94561	1.94561	0.00731548	4.75445	4.75445	0.0250864	3.32461	3.32461	0.227292	1.77081	1.77081	5.66161	18.2252	2.86142	1
cg25649340	FAM50B	0.0768857	0.1834934	1.45435	1.45435	0.0780398	2.45617	2.45617	0.0125007	2.7181	2.7181	0.166975	1.34719	1.34719	0.0098356	2.42093	2.42093		0.1034667	1.77941	1.77941	0.0184452	2.64042	2.64042	0.0873809	1.53681	1.53681	0.366407	1.642319	-1.08888	0.63836	4.84363	1.62219	1
cg19362611	FAM50B	0.0118868	0.0733752	2.59214	2.59214	0.00596053	5.55825	5.55825	0.0298068	3.38652	3.38652	0.0931058	2.41411	2.41411	0.812663	0.892915	-1.11993		0.0288275	3.42041	3.42041	0.00114994	9.77158	9.77158	0.0200997	3.81076	3.81076	0.0335852	3.26838	3.26838	5.59066	20.1528	3.2042	1
cg15080351	FAM50B	0.0163503	0.0003938	6.630463	-1.58613	0.348321	0.839423	-1.19129	0.0313258	0.632621	-1.58073	0.512278	1.12639	1.12639	0.00147091	0.435092	-2.29837		0.0389078	0.648288	-1.54252	0.112321	1.36962	1.36962	0.720876	0.937032	-1.0672	0.100177	0.721423	-1.38615	0.534056	2.6204	0.46265	1
cg09832124	FAM50B	0.0329069	0.0426504	2.4425	2.4425	0.0122817	4.25478	4.25478	0.0592577	3.18656	3.18656	0.326056	2.268554	2.268554	0.0178786	2.89931	2.89931		0.0299663	4.04371	4.04371	0.00042749	14.8611	14.8611	0.0311628	3.90623	3.90623	0.0838441	2.85083	2.85083	8.74702	21.0022	4.12457	1
cg18197332	FAM50B	0.0193848	0.0183331	5.54145	5.54145	0.00718101	7.97258	7.97258	0.103818	2.89784	2.89784	0.276806	1.96721	1.96721	0.868552	0.905671	1.10415		0.0604283	3.54869	3.54869	0.00400964	10.1034	10.1034	0.0114957	6.62692	6.62692	0.0442375	3.98466	3.98466	4.73819	26.8516	5.03739	1
cg15288019	FAM50B	0.0208603	0.0148502	3.61564	3.61564	0.00975	4.24004	4.24004	0.0631264	2.85177	2.85177	0.23249	1.98467	1.98467	0.0013822	3.71825	3.71825		0.0418538	3.16011	3.16011	0.0018202	3.66314	3.66314	0.0125253	2.94329	2.94329	0.0435005	2.97183	2.97183	8.46809	17.0813	3.48689	1
cg18487516	FAM50B	0.0297764	0.0800636	2.672466	2.672466	0.00640127	5.05023	5.05023	0.0836314	2.64217	2.64217	0.0992202	2.50214	2.50214	0.939903	1.039	1.039		0.0744854	2.74107	2.74107	0.0065529	6.31304	6.31304	0.0150624	3.55402	3.55402	0.0248665	2.61353	2.61353	4.0977	16.7111	3.62503	1
cg19056333	FAM50B	0.0217469	0.0217469	4.87018	4.87018	0.11136	2.70944	2.70944	0.0844548	2.99496	2.99496	0.133727	2.53343	2.53343	0.704742	0.803482	-1.24458		0.23584	2.04212	2.04212	0.00319232	10.1139	10.1139	0.0142866	5.67759	5.67759	0.04304	3.8117	3.8117	0.04667	21.1707	4.65033	1
cg15570885	FAM50B	0.0282842	0.0282842	4.16774	4.16774	0.00957	4.64504	4.64504	0.0636161	2.99707	2.99707	0.145757	2.44752	2.44752	0.0184006	2.79707	2.79707		0.0641485	4.56403	4.56403	0.0033008	11.2989	11.2989	0.0484408	3.58552	3.58552	0.0172212	2.88776	2.88776	7.49861	14.1344	3.74981	1
cg07898446	FAM50B	0.0193817	0.0298863	6.57742	6.57742	0.0558623	9.03777	9.03777	0.0823857	4.10999	4.10999	0.311207	2.09402	2.09402	0.542054	0.634455	-1.57616		0.105308	1.68613	1.68613	0.00271146	21.188	21.188	0.0597185	4.78906	4.78906	0.1660261	2.97065	2.97065	1.68936	31.7545	7.65071	1
cg21177626	FAM50B	0.0240468	0.0240468	4.26425	4.26425	0.0101731	4.64207	4.64207	0.0637747	3.02833	3.02833	0.0977409	3.3204	3.3204	0.0001736	4.73175	4.73175		0.0664027	4.74078	4.74078	0.0001635	6.83676	6.83676	0.0560766	4.00267	4.00267	0.0154701	4.07904	4.07904	10.9072	0.993718	1
cg17739279	FAM50B	0.0432122	0.0380868	5.61928	5.61928	0.0257812	6.69273	6.69273	0.0950556	3.73247	3.73247	0.146982	3.05732	3.05732	0.797687	0.831567	-1.20255		0.0867119	3.89029	3.89029	0.00462341	14.9642	14.9642	0.0532582	4.83885	4.83885	0.0687276	4.31813	4.31813	3.57929	29.2257	7.25798	1
cg15195497	FAM50B	0.0441814	0.0441814	3.66355	3.66355	0.0208296	4.56807	4.56807	0.0716889	3.41869	3.41869	0.118311	2.83953	2.83953	0.0219393	2.69193	2.69193		0.0239702	3.48924	3.48924	0.0013048	5.92469	5.92469	0.0306316	4.24696	4.24696	0.0519438	3.54951	3.54951	5.49664	17.2472	4.31899	1
cg21153160	FAM50B;FAM50B	0.00286464	0.0091891	7.76594	7.76594	0.04479	2.66607	2.66607	0.18209	1.57947	1.57947	0.220473	1.85781	1.85781	0.493967	1.55021	1.55021		0.0975797	3.35866	3.35866	0.0185	31.1799	31.1799	0.0535323	5.59081	5.59081	0.0622857	5.62092	5.62092	10.6195	0.6196	0.113703	1
cg03202897	FAM50B;FAM50B	0.0194469	0.0750112	2.46589	2.46589	0.0559152	2.67998	2.67998	0.115277	2.18026	2.18026	0.342306	1.56108	1.56108	0.442725	0.700283	-1.42799		0.067105	2.54509	2.54509	0.00109772	8.9468	8.9468	0.0126493	4.10002	4.10002	0.0690682	2.52437	2.52437	4.74954	15.587	2.91715	1
cg25073793	FAM50B;FAM50B	0.0213734	0.0213734	2.59572	2.59572	0.0466416	2.99519	2.99519	0.0555427	2.26124	2.26124	0.110999	1.94679	1.94679	0.347878	1.57624	-1.12233		0.0385563	2.50798	2.50798	0.0246146	2.79256	2.79256	0.0977304	1.77057	1.77057	0.106384	1.967	1.967	4.43729	10.3453	2.07239	1
cg07202012	FAM53A	2.77E-05	1.58E-05	4.385574	-2.59353	0.000471127	0.5559	-1.79888	0.000102584	0.479592	-2.08511	0.635585	1.05234	1.05234	1.14E-05	0.369543	-2.70604		0.025458	0.752937	-1.32815	0.222141	0.871864	-1.14697	0.000304784	0.534186	-1.87201	1.32E-05	0.376906	-2.65318	0.31132	6.62781	0.160784	1
cg18497236	FAM53A	3.65E-05	0.141747	0.786944	-1.27074	0.373732	0.870804	-1.14853	0.1145	0.67	0.115962	0.374484	0.0224582	1.46184	0.46184	0.0217505	0.520834	-1.92011	0.0258257	0.578127	1.72971	0.319441	1.16887	1.16887	0.179404	0.8055112	-1.24145	0.0442763	0.704398	-1.41965	0.8911	10.5381	0.323793	1
cg00972950	FAM53A	6.49E-05	6.35E-05	3.009777	-2.25758	0.00895067	0.57095	-1.75147	0.000259508	0.381233	-2.62307	0.0143313	0.642191	1.64247	2.34E-05	0.257675	-3.88486		0.0725187	1.37927	1.37927	0.00109915	0.642191	-1.55692	0.107125	0.754075	-1.32613	0.000268556	0.383298	-2.61029	24.949	10.116	0.502679	1
cg03947459	FAM53A	0.00020463	0.0238512	0.62761	-1.59335	0.847578	0.967302	-1.0338	0.142772	1.31277	1.31277	0.0394249	1.50928	1.50928	0.221678	1.800985	1.24846		0.00040501	2.64124	2.64124	1.39E-05	2.60818	-4.78887	0.988939	1.0024	1.0024	0.00962585	0.567703	-1.76148	18.2664	8.6346	0.420181	1
cg08833010	FAM53A	0.00494516	0.0002364	0.168984	-5.97072	0.00123816	0.142429	-7.02182	0.0013651	0.255141	3.9194	0.248074	0.702904	1.42422	0.00161624	0.152817	-6.54377		0.0402485	0.550756	-1.81605	0.0028208	0.322772	-3.09816	0.00387454	0.545313	-1.83988	0.00387454	0.321517	-3.11025	4.1343	1.35967	1.19909	1
cg05584605	FAM53A	0.00057154	0.0003173	0.184312	-5.42559	0.000418626	0.197481	-5.06378	0.0166886	0.428539	-2.33351	0.660527	0.879714	-1.13673	0.000227955	0.160286	-6.90717		0.000808479	0.230973	-4.32952	0.386264	1.29376	1.29376	0.362108	0.762128	-1.31232	0.7010343	1.8941 68	-1.11836	13.1652	17.5334	1.18382	1
cg05256021	FAM53A	0.0013318	0.763112	1.03473	1.03473	0.5227247	1.9701	1.07091	0.388887	0.905051	-1.10491	2.78E-05	0.393619	-2.54053	0.0419305	0.767349	-1.30319		0.0139267	1.08168	1.08168	0.0006514	1.2886	1.2886	0.130158	1.20281	1.20281	0.0897668	1.114	1.08168	0.809175	1.235834	0.593363	1
cg21231739	FAM53A	0.00152573	0.00102686	0.476526	-2.09837	0.6621133	0.935216	-1.06927	0.0038945	0.502043	-1.81143	0.970621	0.994406	-1.00563	5.61E-05	0.319625	3.12867		0.97099	1.994476	-1.00555	0.5833349	0.712896	-1.38524	0.0479159	0.708583	-1.41127	0.774989	0.957282	-1.04462	10.4284	0.183235	0.32666	1
cg21230284	FAM53A	0.00333959	0.0573434	0.706348	-1.41573	0.0219826	0.64127	-1.55941	0.000160568	0.352591	-2.83635	0.30412	0.841899	-1.18779	0.459361	0.885309	-1.12955		0.119527	1.31409	1.31409	0.0156865	1.61429	1.61429	0.33795	0.852374	-1.17319	0.96112	1.00791	1.00791	2.28923	3.43262	0.368094	1
cg16826064	FAM53A	0.00405594	0.0153142	0.509772	-1.96126	0.0966416	0.66306	-1.51284	0.0729331	0.46204	-2.16504	0.0893706	0.955838	1.04595	1.14E-05	0.0083282	-1.31655		0.0385563	2.50798	2.50798	0.0246146	2.79256	2.79256	0.0977304	1.77057	1.77057	0.106384	1.967	1.967	4.43729	10.3453	2.07239	1
cg07428655	FAM53A	0.0053655	0.0072653	0.298944	-3.3339	0.424462	0.443708	-2.25374	0.564269	0.816545	-1.22467	0.58571	0.825808	-1.21094	0.00225231	0.226021	-4.423		0.0170563	0.363735	-2.74925	0.0020167	0.219842	-4.54872	0.0015148	0.205385	-4.8689	0.857979	0.939612	-1.06427	7.1819	15.7545	1.70236	1
cg00576103	FAM53A	0.0054291	0.9036067	1.0043	-1.00435	0.8375463	1.44914	-1.44914	0.1151518	0.6868893	-1.69552	0.411999	1.01242	1.01242	0.359296	0.79382	-1.25973		0.0157658	0.882564	-1.13302	0.0001	0.763202	-1.31009	0.0001	0.153632	-6.50907	0.0087	0.880087	0.68132	-1.46714	0.9568008	-1.04534	0.6572127	0.935125	0.9644	0.0033	0.0033	1.53648	0.58656	1.29996	1
cg05592150	FAM53A	0.00668331	0.0479343	0.627996	-1.59237	0.000907724	0.360283	-2.77559	0.314409	0.807318	-1.23867	0.436024	1.17761	1.17761	0.000645767	0.340664	-2.93544		0.419278	0.843848	-1.18505	0.328474	1.23061	1.23061	0.26253	0.786358	-1.27168	0.713416	0.926917	-1.07885	6.71115	4.49892	0.59588	1
cg15763121	FAM53A	0.011144	0.0360758	0.46293	-2.16015	0.0117159	0.369757	-2.70448	0.055223	0.503274	-1.98639	0.837807	1.0669	1.0669	0.00178808	0.245875	-4.06711		0.0489218	0.491453	-2.03478	0.0354957	0.461457	-2.16705	0.00363584	0.288503	-3.46617	0.932789	1.02701	1.02701	1.57853	9.02373	1.40511	1
cg24239225	FAM53A	0.0115678	0.056686	0.5139	-1.94592	0.812995	0.983141	-1.01693	0.0159955	0.491493	2.0055655	0.311999	1.01242	1.01242	0.359296	0.79382	-1.25973	

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00459683	FAM58B	0.000841324	0.000162179	0.296308	-3.37486	0.31419	1.21734	1.21734	0.104254	0.714926	-1.39875	0.0999897	0.71137	-1.40574	0.000246936	0.318619	-3.13854	0.515589	0.882881	-1.13266	0.0135503	1.78124	1.78124	0.124274	0.730169	-1.36955	0.00482663	0.493403	-2.02674	12.3556	6.98626	0.502608	1
cg02087416	FAM58B	0.0219337	0.279225	1.18532	1.18532	0.468865	0.894606	-1.11781	0.101398	0.762574	-1.31135	0.77364	1.04455	1.04455	0.219556	1.21544	1.21544	0.388892	1.14276	1.14276	0.00434058	1.77898	1.77898	0.458575	0.892205	-1.12082	0.00716116	0.591694	-1.69006	4.55866	1.64894	0.321526	1
cg22482283	FAM58B	0.0379368	0.77086	0.961197	-1.04037	0.0270125	1.42593	1.42593	0.0575398	0.747469	-1.33785	0.688006	1.05623	1.05623	0.00558192	0.610645	-1.63761	0.174085	1.21646	1.21646	0.230248	0.843183	-1.18598	0.643098	1.06528	1.06528	0.914944	1.01458	1.01458	3.75542	1.09226	0.258532	1
cg17956775	FAM58B	0.0491425	0.0699331	0.359627	-2.78066	0.103533	0.407174	-2.45595	0.0323689	0.282414	-3.54089	0.167297	0.47573	-2.10203	0.00554083	0.158915	-6.29268	0.808641	1.13026	1.13026	0.0545388	0.332628	-3.00637	0.0516482	0.326999	-3.05811	0.054623	0.332789	-3.00491	3.41046	13.7567	3.5855	1
cg07813855	FAM58B;FAM58B	0.00664759	0.0662214	0.797143	-1.25448	0.00928721	1.43789	1.43789	0.0412109	1.29582	1.29582	0.735842	1.03796	1.03796	0.764691	0.967508	-1.03358	0.935299	1.00897	1.00897	0.00288606	1.56967	1.56967	0.899003	1.01407	1.01407	0.00444512	0.658617	-1.51833	6.72234	1.28908	0.170454	1
cg00232952	FAM59A	3.28E-05	0.00371502	0.657725	-1.52039	2.10E-06	0.287442	-3.47896	4.76E-05	0.440882	-2.26818	0.20598	1.15327	1.15327	0.0821199	1.22861	1.22861	0.552167	1.0664	1.0664	0.00309338	1.54145	1.54145	0.547945	1.06715	1.06715	0.00721885	0.690324	-1.4486	29.7461	5.38274	0.16085	1
cg19193201	FAM59A	0.000293517	0.0532367	1.18618	1.18618	0.749392	1.02474	1.02474	0.440156	0.941605	-1.06202	0.000515327	1.56042	1.56042	0.000810446	0.662159	-1.51021	0.215584	1.10529	1.10529	0.859272	0.986565	-1.01362	2.01E-05	2.10066	2.10066	0.871427	0.987732	-1.01242	20.9369	1.88492	0.0700223	1
cg10116624	FAM59A	0.0012376	0.324109	0.872673	-1.1459	0.236516	1.18043	1.18043	0.0961971	0.783241	-1.27675	0.234146	0.846366	-1.18152	0.114674	1.2579	1.2579	0.19191	1.20292	1.20292	0.000377299	0.467685	-2.13819	0.0006341	2.01779	2.01779	0.00619926	1.61173	1.61173	11.0738	3.13699	0.251805	1
cg14385280	FAM59A	0.0019618	0.000114524	0.06822	-14.6585	0.0781685	2.17345	2.17345	0.387174	1.42137	1.42137	0.951464	0.976142	-1.02444	0.19413	0.579871	-1.72452	?	?	?	0.0197211	0.327204	-3.0562	0.016965	3.17416	3.17416	0.530321	0.777113	-1.28681	9.91824	21.9725	2.21536	1

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cg19566774	FAM71D	0.00911929	0.440001	0.737018	-1.35682	0.0061508	3.99448	3.99448	0.24687	1.59868	1.59868	0.745659	1.13441	1.13441
cg19548862	FAM71D	0.0194658	0.743307	0.928974	-1.07646	0.000633564	0.308206	-3.24459	0.0186911	0.527813	-1.89461	0.334362	0.799936	-1.2501
cg00748226	FAM71E1	0.0206617	0.0478948	0.441372	-2.26566	0.0626103	0.468752	-2.13332	0.00616732	0.274774	-3.63935	0.192977	0.60763	-1.64574
cg10269110	FAM71E2	0.000145371	0.233442	1.22112	1.22112	0.00804024	0.581023	-1.7211	7.22E-05	0.314854	-3.17607	0.00171429	0.488821	-2.04574
cg01532284	FAM71E2	0.000182571	0.204583	1.25622	1.25622	0.213825	1.24987	1.24987	0.00676106	0.549779	-1.81891	0.290294	0.829432	-1.20564
cg26367719	FAM71E2	0.0002543	0.00761024	0.432409	-2.31263	0.000110338	0.189699	-5.27151	0.000176167	0.211441	-4.72945	0.219459	0.729456	-1.37088
cg19747481	FAM71E2	0.000280255	9.24E-05	0.382545	-2.61407	0.000138568	0.403828	-2.4763	0.102208	1.27923	1.27923	0.845813	0.97355	-1.02717
cg21166330	FAM71E2	0.00122766	0.0155837	0.719043	-1.39074	0.726003	0.961627	-1.0399	0.000289254	0.518095	-1.93015	0.797746	0.971845	-1.02897
cg26932873	FAM71E2	0.00192861	0.824191	0.969789	-1.03115	0.830648	1.02997	1.02997	0.00578591	0.607461	-1.6462	0.606337	1.0743	1.0743
cg27055083	FAM71E2	0.00558951	0.118416	0.633163	-1.57937	0.186316	0.685413	-1.45897	0.000421271	0.221644	-4.51173	0.700973	0.901202	-1.10963
cg25621888	FAM71E2	0.0148881	0.00608587	0.127933	-7.8166	0.713005	1.23629	1.23629	0.0515101	0.280086	-3.57033	0.0702345	0.312873	-3.19618
cg11225056	FAM71E2;FAM71E2	0.0271979	0.243091	1.64726	1.64726	0.476549	1.3424	1.3424	0.326836	1.51097	1.51097	0.130086	0.510965	-1.95708
cg12560447	FAM71F1	0.000570046	0.123835	1.49474	1.49474	0.0119649	2.13024	2.13024	0.982666	0.994774	-1.00525	0.487352	0.84351	-1.18552
cg21351241	FAM71F1	0.0018179	0.628067	1.11684	1.11684	0.128113	0.689123	-1.45112	0.00255841	0.387904	-2.57796	0.675784	1.09989	1.09989
cg10157098	FAM71F1	0.00537702	0.0569413	1.90729	1.90729	0.0559964	1.91324	1.91324	0.0705696	0.54571	-1.83248	0.950799	1.01867	1.01867
cg12912245	FAM71F1	0.00939588	0.00753356	0.316021	-3.16435	0.174359	0.616288	-1.62262	0.00341576	0.26375	-3.79146	0.945105	0.977196	-1.02334
cg10960700	FAM71F1	0.0125021	0.794654	1.10084	1.10084	0.543867	1.25394	1.25394	0.100669	0.515653	-1.93929	0.11728	0.534374	-1.87135
cg13169491	FAM71F1	0.0251578	0.0447723	0.276701	-3.61401	0.276727	0.53207	-1.87945	0.320547	0.564145	-1.77259	0.104773	0.372023	-2.68801
cg06719448	FAM71F1	0.0459135	0.779917	0.915103	-1.09277	0.301688	0.712557	-1.4034	0.0106644	0.361779	-2.76412	0.126613	0.592533	-1.68767
cg11747142	FAM71F2;FAM71F2	0.0037985	0.22351	0.787727	-1.26948	0.19619	0.774732	-1.29077	0.00328485	0.458274	-2.1821	0.333322	1.204	1.204
cg20259129	FAM72A	0.035036	0.0611064	1.15812	1.15812	0.0648597	0.865698	-1.15514	0.157756	0.900267	-1.11078	0.989504	1.00092	1.00092
cg18948743	FAM72B	0.00538429	0.000392419	2.29635	2.29635	0.887663	0.979414	-1.02102	0.0303034	1.45465	1.45465	0.722022	0.948787	-1.05398
cg00183340	FAM72B	0.0126241	0.257782	1.12478	1.12478	0.035159	0.783218	-1.27678	0.0127743	0.734903	-1.36072	0.00307278	1.49717	1.49717
cg02905065	FAM72B	0.0365393	0.0523528	0.301782	-3.31365	0.272902	1.85814	1.85814	0.507474	1.44065	1.44065	0.337553	0.584608	-1.71055
cg22710840	FAM72D	0.00435863	0.343724	1.47599	1.47599	0.232979	1.64741	1.64741	0.0523429	0.414453	-2.41282	0.182719	1.7584	1.7584
cg17895286	FAM73A	0.00068896	0.103913	1.2509	1.2509	5.65E-05	0.389901	-2.56475	0.84576	0.975778	-1.02482	0.182596	1.19492	1.19492
cg22940268	FAM73A	0.00130202	0.179434	0.777049	-1.28692	0.00547891	0.524088	-1.90808	0.00505596	0.519047	-1.92661	0.903782	0.978834	-1.02162
cg17788761	FAM73A	0.00136432	0.0615827	1.34544	1.34544	0.00545854	0.597474	-1.67371	0.00120786	0.512737	-1.95032	0.4881	1.10435	1.10435
cg23855566	FAM73A	0.00368812	0.519406	1.17655	1.17655	0.997544	0.999234	-1.00077	0.711288	0.911605	-1.09697	0.0965505	1.57489	1.57489
cg08891229	FAM73A	0.0132288	0.0273024	0.795555	-1.25698	0.00386043	0.711121	-1.40623	0.130753	0.866836	-1.15362	0.894174	0.988412	-1.01172
cg10438552	FAM73A	0.014314	0.0164771	0.694945	-1.43896	0.0321307	0.732183	-1.36578	0.0277306	0.723867	-1.38147	0.0713746	1.28415	1.28415
cg17736252	FAM73A	0.0164893	0.380329	0.875435	-1.14229	0.820278	0.966919	-1.03421	0.817133	0.966338	-1.03483	0.332577	1.15924	1.15924
cg02083528	FAM73A	0.0411158	0.0911526	0.632332	-1.58145	0.00441421	0.392166	-2.54994	0.00666026	0.420092	-2.38043	0.905301	1.02975	1.02975
cg00729541	FAM73B	0.00137904	0.00399496	0.784177	-1.27522	0.623644	1.03157	1.03157	0.0994785	1.12015	1.12015	0.147709	1.10252	1.10252
cg13455444	FAM73B	0.0104582	0.0706254	1.56399	1.56399	0.011368	2.01671	2.01671	0.769529	1.0672	1.0672	0.0209112	1.8501	1.8501
cg14188862	FAM73B	0.0137111	0.582622	0.902202	-1.1084	0.00266694	2.16029	2.16029	0.0514716	1.50849	1.50849	0.937958	1.01454	1.01454
cg14637470	FAM73B	0.0214956	0.0830296	0.509422	-1.96301	0.00276944	0.234497	-4.26444	0.0475955	0.451028	-2.21716	0.265868	0.665346	-1.50298
cg14190683	FAM73B	0.0386126	0.683519	1.08092	1.08092	0.25303	0.797214	-1.25437	0.0118967	0.551038	-1.81476	0.966945	0.992164	-1.0079
cg21009400	FAM74A3	0.0014673	0.000337666	0.160621	-6.22584	0.104747	0.570544	-1.75271	0.00711513	0.33275	-3.00526	0.0408862	0.473812	-2.11054
cg14405526	FAM75A1;FAM75A2	0.00803077	0.0302883	0.3377	-2.96121	0.011452	0.259589	-3.85225	0.0193807	0.299653	-3.3372	0.0361778	0.35402	-2.8247
cg10588784	FAM75A3	0.00167405	0.000191248	0.289326	-3.45631	0.549301	1.127	1.127	0.00909188	0.51993	-1.92334	0.000735341	0.363423	-2.75161
cg10034990	FAM75A6	0.00827852	0.00140903	0.158559	-6.30679	0.00718066	0.250942	-3.98499	0.0104752	0.277075	-3.60914	0.0175858	0.316384	-3.16072
cg27572029	FAM75A7;FAM75A5	0.00928223	0.000766596	0.369883	-2.70356	0.110024	0.711798	-1.40489	0.0694957	0.672831	-1.48626	0.0324968	0.613555	-1.62985
cg18881776	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.00389492	0.0289266	1.16213	1.16213	0.0136167	1.19491	1.19491	0.0229376	1.17203	1.17203	0.00949874	1.2113	1.2113
cg02905426	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.0112062	0.175419	2.10961	2.10961	0.0269484	3.88563	3.88563	0.712236	0.825357	-1.2116	0.572793	0.744363	-1.34343
cg18936052	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.0174203	0.369719	0.710094	-1.40826	0.144864	1.78948	1.78948	0.470406	0.761166	-1.31377	0.885787	0.947987	-1.05487
cg18186552	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.0431356	0.916589	1.02484	1.02484	0.665013	1.10742	1.10742	0.000768221	0.303276	-3.29733	0.268428	0.763405	-1.30992
cg16972496	FAM76B	0.000618054	0.885536	1.02582	1.02582	0.000489013	0.380329	-2.6293	0.00018181	0.326162	-3.06596	0.327467	1.19587	1.19587
cg18394519	FAM76B;CEP57	0.0143285	0.212444	1.51182	1.51182	?	?	?	0.00238335	4.43634	4.43634	0.717393	1.11899	1.11899
cg27261641	FAM76B;CEP57;CEP57	0.0047847	0.0948774	0.569901	-1.75469	0.430641	1.27944	1.27944	0.941133	0.977629	-1.02288	0.17236	0.640848	-1.56043
cg21207741	FAM78A	6.62E-05	8.98E-06	0.0873502	-11.4482	0.000903415	0.284074	-3.52021	0.0443186	0.556865	-1.79577	0.0126908	0.4561	-2.1925
cg02888090	FAM78A	0.00122003	0.0603612	0.660014	-1.51512	0.683825	0.922821	-1.08363	0.00727522	0.507074	-1.9721	0.325341	1.22046	1.22046
cg13935741	FAM78A	0.0025026	0.00147844	0.177653	-5.62896	0.000259942	0.104023	-9.61328	0.00544747	0.252235	-3.96455	0.0446098	0.419508	-2.38375
cg17936488	FAM78A	0.00344788	0.000134686	0.0425805	-23.485	0.0804196	0.396284	-2.52344	0.212315	0.534165	-1.87208	0.672267	0.816195	-1.2252
cg00524964	FAM78A	0.0159375	0.183403	0.747332	-1.33809	0.00311609	0.434208	-2.30305	0.00772522	0.493576	-2.02603	0.0750741	1.50531	1.50531
cg13487445	FAM78A	0.0225505	0.00105516	0.0842748	-11.8659	0.133076	0.437151	-2.28751	0.357369	0.616726	-1.62147	0.583738	0.75386	-1.32651
cg14424770	FAM78A	0.022915	0.0186593	0.643571	-1.55383	0.109016	1.31016	1.31016	0.00193709	0.507674	-1.96977	0.0471907	0.703966	-1.42052
cg12998491	FAM78A	0.0310095	0.551622	1.30765	1.30765	0.283452	1.64264	1.64264	0.689696	1.19571	1.19571	0.284379	1.64095	1.64095
cg16118529	FAM78B	0.00213255	0.00548699	0.432177	-2.31387	0.202908	1.36183	1.36183	0.00833412	2.16991	2.16991	0.308275	1.27416	1.27416
cg16596102	FAM78B	0.00575867	0.00314446	0.537943	-1.85893	0.0139438	1.59434	1.59434	0.0100942	1.64636	1.64636	0.267123	0.837304	-1.19431
cg21868774	FAM78B	0.00790453	?	?	?	0.654841	1.19233	1.19233	0.794511	1.10743	1.10743	0.129552	0.527162	-1.89695
cg14153737	FAM78B	0.0108427	0.00867619	0.421487	-2.37255	0.515251	1.18578	1.18578	0.0964966	0.624198	-1.60206	0.387302	0.795441	-1.25716
cg21762820	FAM78B	0.0235217	0.764078	0.938527	-1.0655	0.77093	0.940319	-1.06347	0.0150656	1.87701	1.87701	0.000850071	2.87713	2.87713
cg03421657	FAM78B	0.0277319	0.0657999	0.34241	-2.92047	0.093297	2.60749	2.60749	0.0145139	0.209438	-4.77468	0.366719	1.61835	1.61835
cg25194322	FAM78B	0.0282463	0.0406731	0.354816	-2.81836	0.0164389	0.27654	-3.61611	0.0104859	0.243579	-4.10545	0.0283307	0.321445	-3.11095
cg26322285	FAM7A3;FAM7A1;FAM7A2	0.00414298	0.225261	0.705458	-1.41752	0.00399682	0.346508	-2.88593	0.000217049	0.184497	-5.42013	0.0695423	0.573435	-1.74388
cg18646036	FAM7A3;FAM7A2;FAM7A1	0.00845619	0.806958	0.967938	-1.03312	0.87613	0.979451	-1.02098	0.164567	1.21821	1.21821	0.328738	0.874435	-1.1436
cg05841929	FAM81A	0.000760328	0.0198314	0.626862	-1.59525	0.483606	0.888511	-1.12548	0.0882975	1.36652	1.36652	0.0236476	0.638514	-1.56614
cg00000905	FAM81A	0.00102425	0.460363	0.912468	-1.09593	0.0779677	1.2696	1.2696	0.000711766	1.87445	1.87445	0.0015037	0.572668	-1.74621
cg04099524	FAM81A	0.0013288	0.943708	0.989983	-1.01012	0.000628846	2.11551	2.11551	0.00251818	1.8186	1.8186	0.00140927	0.517333	-1.93299
cg22687244	FAM81A	0.00276946	0.000532857	0.301799	-3.31346	0.347175	1.23996	1.23996	0.0779459	0.647125	-1.5453	0.00904475	0.478449	-2.09009
cg07488684	FAM81A	0.00421192	0.0665884	0.570073	-1.75416	0.472372	0.818974	-1.22104	7.92E-05	0.142427	-7.02113	0.757875	0.918989	-1.08815
cg25489866	FAM81A	0.0248232	0.298765	1.5486	1.5486	0.345743	1.48338	1.48338	0.768033	0.886825	-1.12762	0.997114	1.00147	1.00147
cg26238644	FAM81A	0.0329117	0.134459	0.736503	-1.35777	0.542522	1.12392	1.12392	0.31399	1.21816	1.21816	0.0727536	0.684301	-1.46135
cg26429140	FAM81B	0.00161071	0.00159867	0.228758	-4.37144	0.98914	1.00444	1.00444	0.00254221	0.255546	-3.91319	0.993984	1.00246	1.00246
cg03304472	FAM81B	0.0089203	0.0329619	0.194027	-5.15393	0.173036	0.385478	-2.59418	0.0712808	0.265934	-3.76033	0.12814	0.339129	-2.94873
cg07721901	FAM81B	0.0376023	0.20024	0.559639	-1.78686	0.109299	2.11507	2.11507	0.0145726	0.275063	-3.63553	0.367892	0.672475	-1.48704
cg00360600	FAM82A1	0.00435115	0.498129	0.934604	-1.06997	0.0475605	1.24963	1.24963	0.557772	1.06003	1.06003	0.294699	0.898639	-1.11279
cg00888162	FAM82A1	0.00515587	0.0110209	0.737058	-1.35674	0.00971418	1.36746	1.36746	0.00568265	1.41491	1.41491	0.219678	1.13143	1.13143
cg15657390	FAM82A1;FAM82A1	0.0101006	0.0243289	0.262615	-3.80785	0.00052599	0.0677882	-14.7518	0.00926121	0.192983	-5.18181	0.15799	0.471431	-2.1212
cg26914927	FAM82A1;FAM82A1;FAM82A1	0.00469752	0.000901522	0.29098	-3.43666	0.01178	0.457601	-2.18531	0.818935	1.05864	1.05864	0.245168	0.739258	-1.35271
cg20626840	FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.00421735	0.273084	0.838157	-1.19309	0.163698	1.25867	1.25867	0.000169935	0.371701	-2.69034	0.935321	1.01264	1.01264
cg17329835	FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.00792269	0.00421152	0.50255	-1.98985	0.0675657	0.692346	-1.44436	0.00602651	0.525103	-1.90439	0.125924	0.742825	-1.34621
cg03766407	FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.0246493	0.216576	0.625995	-1.59746	0.0128142	0.328369	-3.04536	0.00756773	0.290062	-3.44754	0.473005	0.768798	-1.30073
cg07086224	FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.0265378	0.386824	0.870214	-1.14914	0.00360095	0.539204	-1.85459	0.00452539	0.55276	-1.80911	0.630851	1.07883	1.07883
cg05761971	FAM82A1;FAM82A1;FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.0286802	0.283846	0.735796	-1.35907	0.189553	0.681871	-1.46655	0.188967	0.681484	-1.46739	0.00155691	0.285591	-3.50152
cg17316750	FAM82A2	8.86E-05	0.000466223	0.525208	-1.90401	0.00699475	1.50406	1.50406	0.526406	1.07801	1.07801	0.000405195	1.93059	1.93059
cg00801098	FAM82A2	0.00259808	0.565171	1.09666	1.09666	0.641042	1.07736	1.07736	0.0656634	1.38793	1.38793	0.000668081	2.28477	2.28477
cg19440278	FAM82A2	0.00703649	0.211379	0.767998	-1.30209	0.582768	0.894736	-1.11765	0.145594	0.731059	-1.36788	0.246002	0.784083	-1.27538
cg23511151	FAM82A2	0.0230592	0.0526636	0.46869	-2.13361	0.869985	0.945205	-1.05797	0.633409	0.847642	-1.17974	0.27436	0.676195	-1.47886
cg27401539	FAM82A2	0.0458171	0.0042901	0.215455	-4.64135	0.0556115	0.418264	-2.39084	0.0816246	0.460445	-2.17181	0.184663	0.568127	-1.76017
cg21580007	FAM82A2	0.0492403	0.0968277	0.465728	-2.14717	0.0365834	0.361164	-2.76882	0.137992	0.511906	-1.95349	0.443125	0.720487	-1.38795
cg05019152	FAM82A2;FAM82A2	0.0251692	0.0334801	0.617898	-1.61839	0.310336	1.2256	1.2256	0.00680338	1.97295	1.97295	0.539343	0.886541	-1.12798
cg15253520	FAM82B	0.000615008	0.000613669	4.34455	4.34455	0.723879	1.1038	1.1038	0.00260201	0.313024	-3.19464	0.274784	1.37215	1.37215
cg22094071	FAM82B	0.00166162	0.0086544	2.85023	2.85023	0.794238	0.92146	-1.08523	0.00159886	0.242436	-4.1248	0.498132	0.806363	-1.24014
cg15271056	FAM82B	0.00167224	0.619589	1.08591	1.08591	0.344935	1.17375	1.17375	0.422538	1.14445	1.14445	0.969926	0.99381	-1.00623
cg05463819	FAM82B	0.00270508	0.57813	1.09354	1.09354	?	?	?	0.218096	1.22902	1.22902	0.0619693	0.715665	-1.3973
cg07448949	FAM82B	0.0346537	0.000946829	0.268119	-3.72969	0.230719	0.714784	-1.39902	0.982242	0.994074	-1.00596	0.577882	1.16198	1.16198
cg05049323	FAM82B;FAM82B	0.000489388	0.939975	0.993525	-1.00652	0.00169468	1.4723	1.4723	0.53448	0.947183	-1.05576	0.0870737	1.177	1.177
cg03954425	FAM82B;FAM82B	0.0143788	0.706857	0.947256	-1.05568	0.820926	1.03305	1.03305	0.44111	1.11926	1.11926	0.550229	1.09056	1.09056
cg02625638	FAM83A;FAM83A	0.000120781	0.966315	1.0046	1.0046	0.000812271	1.73018	1.73018	0.138144	0.840871	-1.18924	0.0638571	1.25375	1.25375
cg02715629	FAM83A;FAM83A	0.000747023	0.000230589	0.225908	-4.42658	0.83655	1.05154	1.05154	0.00172601	0.336977	-2.96756	0.00111927	0.311147	-3.21391
cg05645982	FAM83A;FAM83A	0.00513037	0.218598	1.49755	1.49755	0.0079887	0.346108	-2.88927	0.518748	0.815338	-1.22649	0.220191	0.668784	-1.49525
cg26820168	FAM83A;FAM83A	0.0488066	0.0331516	4.44442	4.44442	0.197731	2.26017	2.26017	0.513465	1.48722	1.48722	0.817121	1.14882	1.14882
cg08256536	FAM83A;FAM83A;LOC100131726	0.0200247	0.0457584	0.339234	-2.94782	0.17365	0.504924	-1.9805	0.0861182	0.408531	-2.44779	0.0024709	0.137142	-7.29172
cg00944227	FAM83A;FAM83A;LOC100131726	0.0206526	0.0731196	0.329443	-3.03543	0.0476618	0.284166	-3.51907	0.0141441	0.185983	-5.37684	0.0727642	0.328887	-3.04056
cg00831735	FAM83A;FAM83A;LOC100131726	0.0217385	0.0112944	0.187857	-5.32321	0.0504862	0.308922	-3.23706	0.0210694	0.231752	-4.31495	0.136754	0.429669	-2.32737
cg27649094	FAM83A;LOC100131726;FAM83A	5.45E-05	0.00014944	0.267954	-3.73199	0.0816885	0.677016	-1.47707	0.000781353	0.358026	-2.79309	0.615853	1.10768	1.10768
cg05427907	FAM83A;LOC100131726;FAM83A	0.0461865	0.0058258	0.138205	-7.23561	0.0776259	0.34131	-2.92989	0.180022	0.458239	-2.18227	0.1959	0.472555	-2.11615
cg25491948	FAM83B	5.14E-05	0.0570479	1.29554	1.29554	0.000227784	0.47872	-2.08891	4.90E-05	0.39946	-2.50338	1.40E-05	0.336277	-2.97374
cg21974580	FAM83B	5.41E-05	0.0215285	0.562198	-1.77873	0.36466	1.21447	1.21447	0.00028132	0.289811	-3.45052	0.0187792	0.552165	-1.81105
cg03024372	FAM83B	6.07E-05	0.912871	0.977191	-1.02334	0.284981	1.26379	1.26379	0.689706	1.08828	1.08828	0.70962	1.08204	1.08204
cg18532076	FAM83B	9.96E-05	0.684292	1.0672	1.0672	0.91066	1.01802	1.01802	0.818506	0.964095	-1.03724	0.907816	0.981741	-1.0186
cg05155704	FAM83B	0.000343822	0.851748	1.03236	1.03236	0.198638	0.793559	-1.26015	0.0134595	1.6834	1.6834	0.775117	0.952413	-1.04996
cg19716238	FAM83B	0.00484198	0.394425	1.29989	1.29989	0.0748232	1.81603	1.81603	0.0674933	1.85147	1.85147	0.290535	1.39072	1.39072
cg03513858	FAM83B	0.0141263	0.0633781	0.313274	-3.1921	0.599572	0.744885	-1.34249	0.0237202	0.22291	-4.48611	0.653696	0.777977	-1.28538
cg21227040	FAM83B	0.0160764	0.87352	1.06216	1.06216	0.580835	1.23506	1.23506	0.41484	1.37097	1.37097	0.76598	1.11962	1.11962
cg04690482	FAM83B	0.0210665	0.938604	1.03652	1.03652	0.846177	0.913539	-1.09464	0.92896	1.04239	1.04239	0.574117	1.30263	1.30263
cg02134660	FAM83B	0.0309132	0.136164	0.672644	-1.48667	0.00486575	0.39776	-2.51408	0.0178348	0.49106	-2.03641	0.564164	0.865916	-1.15485
cg14989959	FAM83B	0.0415166	0.883822	1.03612	1.03612	0.483416	0.841288	-1.18865	0.997435	1.00078	1.00078	0.852105	1.04633	1.04633
cg20436037	FAM83C	0.000123069	0.243802	0.771806	-1.29566	0.00256906	2.43022	2.43022	2.60E-05	0.170434	-5.86739	0.021719	0.556972	-1.79542
cg27629776	FAM83C	0.000205927	0.531639	1.17897	1.17897	0.00277821	0.342399	-2.92057	0.0152274	0.460932	-2.16952	0.0556152	0.569154	-1.75699
cg26826207	FAM83C	0.000857923	0.513304	0.817086	-1.22386	0.401679	0.769858	-1.29894	0.039651	0.484349	-2.06463	0.981474	1.0071	1.0071
cg24855818	FAM83C	0.00151891	0.0242841	0.521894	-1.9161	0.2143	0.728596	-1.3725	0.000898173	0.300069	-3.33256	0.865587	1.04188	1.04188
cg02207638	FAM83C	0.00231061	0.415304	0.857687	-1.16593	0.00213638	0.451398	-2.21534	0.403634	0.85422	-1.17066	0.0670309	1.46008	1.46008
cg20526800	FAM83C	0.00646416	0.110505	0.5569	-1.79565	0.0133934	0.356679	-2.80364	0.0230795	0.400704	-2.49561	0.016474	0.372943	-2.68138
cg20920419	FAM83C	0.0317505	0.220877	0.491633	-2.03404	0.178204	0.454195	-2.2017	0.0624644	0.314489	-3.17976	0.29695	0.550687	-1.81591
cg26821293	FAM83C	0.0344993	0.207523	0.439745	-2.27404	0.112865	0.344128	-2.9059	0.0927488	0.318727	-3.13748	0.511326	0.662472	-1.5095
cg16922340	FAM83C;EIF6;EIF6;EIF6	0.0214276	0.00885457	0.264738	-3.77732	0.198026	0.581197	-1.72059	0.00682278	0.247105	-4.04686	0.482606	0.752285	-1.32928
cg27660920	FAM83D	0.000937476	0.000840503	0.644534	-1.55151	0.00518649	0.724227	-1.38078	0.79084	1.02352	1.02352	0.458614	0.936137	-1.06822
cg26220336	FAM83D	0.00178785	0.00815558	0.495849	-2.01674	0.00122505	0.375394	-2.66387	0.130615	0.713054	-1.40242	0.975693	1.00633	1.00633
cg04071118	FAM83D	0.00275091	0.0134105	0.54574	-1.83237	0.000765516	0.364907	-2.74042	0.941069	0.985484	-1.01473	0.182241	0.755782	-1.32313
cg25782652	FAM83D	0.0051753	0.00291566	0.24409	-4.09685	0.0156857	0.360193	-2.77629	0.0174527	0.368735	-2.71198	0.0147027	0.355093	-2.81617

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19091447	FAM83D	0.00594166	0.0235157	0.816229	-1.22515	0.270185	1.09	1.09	0.698519	0.971209	-1.02964	0.0529013	1.17955	1.17955	0.31891	0.925596	-1.08039	0.704451	1.02902	1.02902	0.000173538	0.619732	-1.6136	0.850605	1.01425	1.01425	0.647326	0.966017	-1.03518	6.96012	0.621052	0.0793157	1
cg06163215	FAM83D	0.0496481	0.33806	0.832292	-1.2015	0.325954	1.20747	1.20747	0.0215167	1.67073	1.67073	0.677308	0.92516	-1.08089	0.0081387	0.53277	-1.87698	0.651592	1.08817	1.08817	0.0778493	0.694724	-1.43942	0.662864	1.08496	1.08496	0.510763	1.13201	1.13201	3.39724	1.85904	0.486419	1
cg08854799	FAM83E	0.00573225	0.571365	0.807958	-1.23769	0.486321	0.768202	-1.30174	0.0366102	0.404375	-2.47295	0.823932	1.08662	1.08662	0.00152606	0.182492	-5.4797	0.937308	0.9711	-1.02976	0.000253248	0.105585	-9.47105	0.882275	1.0568	1.0568	0.085095	0.49177	-2.03347	7.0375	15.4902	1.95652	1
cg18885992	FAM83E	0.0145769	0.0908451	0.56815	-1.7601	0.00184909	0.261451	-3.82481	0.865524	0.949859	-1.05279	0.901556	1.03827	1.03827	0.0579884	0.52183	-1.91633	0.135213	0.613406	-1.63024	0.00433369	0.314368	-3.18098	0.0763959	0.549743	-1.81903	0.142731	1.61307	1.61307	5.22989	7.62991	1.2968	1
cg22533406	FAM83E	0.0320726	0.154937	0.281614	-3.55096	0.464341	0.537952	-1.8589	0.0169017	0.0883945	-11.3129	0.370989	0.465453	-2.14844	0.00375319	0.0384999	-25.9741	0.0380421	0.135063	-7.40394	0.00660072	0.0530747	-18.8414	0.797853	0.807616	-1.23821	0.376594	0.469843	-2.12837	3.99064	43.8023	9.75667	1
cg26241650	FAM83F	1.11E-07	2.89E-06	0.219965	-4.54617	0.0086335	0.635478	-1.57362	3.42E-08	0.0683266	-14.6356	0.237378	0.845694	-1.18246	8.06E-09	0.0398095	-25.1197	0.00013793	0.409724	-2.44067	0.000205402	0.430806	-2.32123	1.94E-07	0.116381	-8.59245	0.000308006	0.452421	-2.21033	128.251	37.2364	0.258081	1
cg00968561	FAM83F	2.97E-06	0.00194611	0.468781	-2.13319	0.00645679	1.84461	1.84461	1.29E-06	0.116645	-8.57302	0.313992	0.835253	-1.19724	1.88E-07	0.0634897	-15.7506	0.49044	0.885947	-1.12874	0.165227	0.77422	-1.29162	1.69E-05	0.217242	-4.60316	0.0635071	0.697183	-1.43434	55.4848	26.2634	0.420749	1
cg25966022	FAM83F	0.00055718	0.13174	0.720679	-1.38758	0.390372	0.837613	-1.19387	0.000174731	0.277456	-3.60418	0.0336655	1.64786	1.64786	0.000225024	0.290686	-3.44014	0.0499189	1.56861	1.56861	0.319095	1.23035	1.23035	0.00143204	0.395228	-2.53018	0.0553651	0.645815	-1.54843	13.867	8.90209	0.570634	1
cg01637537	FAM83F	0.00263386	0.0900794	0.6338	-1.57779	0.312364	1.2906	1.2906	0.000620203	0.276448	-3.61731	0.00819143	0.437856	-2.28385	0.00694741	0.426318	-2.34567	0.403889	0.811802	-1.23183	0.542738	1.1623	1.1623	0.000414637	0.254749	-3.92543	0.228355	0.734453	-1.36156	8.89428	8.39397	0.838888	1
cg05033341	FAM83F	0.00315492	0.00666171	0.258644	-3.86632	0.42721	1.3653	1.3653	0.757707	1.12621	1.12621	0.631776	0.830723	-1.20377	0.0273203	0.366777	-2.72645	0.249166	0.629618	-1.58826	0.000475873	0.121584	-8.22477	0.000490211	0.122748	-8.14678	0.0712138	0.461153	-2.16848	8.431	19.7002	2.07701	1
cg01716224	FAM83F	0.00565343	0.0309912	3.2623	3.2623	0.00955092	4.6296	4.6296	0.0511884	2.82003	2.82003	0.0934078	2.3669	2.3669	0.0974712	2.33745	2.33745	0.0133837	4.17986	4.17986	0.000358995	14.484	14.484	0.00283911	6.81123	6.81123	0.0235719	3.53394	3.53394	7.06755	24.4014	3.06898	1
cg13714749	FAM83F	0.0226097	0.134072	1.70576	1.70576	0.0236888	2.44148	2.44148	0.216577	1.53688	1.53688	0.110828	1.77569	1.77569	0.143625	1.68093	1.68093	0.00490195	3.42871	3.42871	0.00202901	4.21352	4.21352	0.0293421	2.33566	2.33566	0.59342	1.19495	1.19495	4.51137	7.80489	1.53782	1
cg12068816	FAM83F	0.042909	0.0339821	5.72935	5.72935	0.0772943	3.99547	3.99547	0.14673	2.99961	2.99961	0.0928145	3.68502	3.68502	0.134488	3.12091	3.12091	0.042586	5.18941	5.18941	0.00979214	10.0076	10.0076	0.0089139	10.452	10.452	0.0400768	5.32935	5.32935	3.58868	28.2711	7.00255	1
cg03954858	FAM83F	0.0468348	0.173904	0.621216	-1.60975	0.196576	0.638048	-1.56728	0.00155611	0.223839	-4.4675	0.0631445	0.502669	-1.98938	0.219341	0.653712	-1.52973	0.355042	0.731173	-1.36767	0.0307309	0.433803	-2.3052	0.0818819	0.530212	-1.88604	0.469924	0.785112	-1.2737	3.47302	5.95722	1.5247	1
cg05458609	FAM83F	0.0492147	0.0280918	0.353019	-2.83271	0.704893	0.858355	-1.16502	0.100882	0.486131	-2.05706	0.744471	0.876965	-1.1403	0.00353985	0.204544	-4.88892	0.784714	0.895903	-1.11619	0.166276	0.552924	-1.80857	0.0183664	0.317083	-3.15375	0.984792	1.00768	1.00768	3.40856	8.69905	2.26855	1
cg05008653	FAM83G;SLC5A10;SLC5A10	0.000178302	0.000264701	1.15428	1.15428	0.000313433	0.869433	-1.15018	0.0046627	0.913841	-1.09428	0.563573	0.986115	-1.01408	0.000315098	1.15005	1.15005	0.0743716	1.04876	1.04876	0.595227	0.987242	-1.01292	0.00248586	1.10592	1.10592	0.0483348	0.947407	-1.05551	18.9515	0.172123	0.00807315	1
cg09380067	FAM83H	6.41E-07	1.47E-07	0.192722	-5.18882	0.139594	0.852965	-1.17238	0.000428364	0.572549	-1.74658	0.30076	1.11323	1.11323	9.56E-07	0.274469	-3.6434	0.000553648	0.58495	-1.70955	1.08E-07	0.180589	-5.53743	0.314649	1.10962	1.10962	3.56E-05	0.45025	-2.22099	82.1292	13.0178	0.140892	1
cg25074317	FAM83H	2.05E-05	0.381365	0.748329	-1.33631	2.18E-05	0.0635802	-15.7282	2.62E-05	0.0680953	-14.6853	0.716463	0.888896	-1.12499	1.58E-05	0.0561846	-17.7985	5.51E-05	0.0885897	-11.288	1.36E-05	0.0529435	-18.8881	0.00132947	0.221576	-4.51313	0.000233744	0.139389	-7.17417	33.6718	55.602	1.46782	1
cg01529149	FAM83H	5.27E-05	0.0108511	0.651543	-1.53482	0.857568	0.976228	-1.02435	0.0389819	1.37717	1.37717	0.306019	1.1525	1.1525	0.0620913	0.754797	-1.32486	0.166629	0.820784	-1.21835	0.0355285	1.38785	1.38785	7.55E-07	5.95894	5.95894	0.651306	0.940888	-1.06283	26.2515	7.45689	0.252495	1
cg00238815	FAM83H	8.71E-05	0.00597224	0.382355	-2.61537	5.44E-05	0.133741	-7.47715	0.00195039	0.309795	-3.22795	0.000708393	0.251551	-3.97534	0.000142454	0.17297	-5.78136	0.19935	0.695772	-1.43725	1.82E-05	0.0964682	-10.3661	6.49E-05	0.140537	-7.11554	0.00349961	0.346575	-2.88538	22.974	26.0358	1.00735	1
cg13735469	FAM83H	0.000115547	0.0191456	2.06673	2.06673	0.482264	0.832865	-1.20067	0.77179	0.928234	-1.07731	0.00668715	0.406201	-2.46183	0.0132573	0.45566	-2.19462	0.0026956	0.345854	-2.89139	1.51E-05	0.100552	-9.94507	0.000299641	4.50977	4.50977	0.00601878	0.398912	-2.50682	21.3	22.1214	0.923165	1
cg25468618	FAM83H	0.000699354	0.00988448	1.92315	1.92315	0.00190516	2.4165	2.4165	0.128283	0.71905	-1.39072	0.0104438	1.90934	1.90934	0.0002942	3.265	3.265	0.0598074	0.653069	-1.53123	0.0644216	1.5171	1.5171	0.000430805	3.05674	3.05674	0.187946	0.755846	-1.32302	13.0143	8.29566	0.566601	1
cg08975720	FAM83H	0.000758545	0.0119891	0.764622	-1.30784	0.263445	0.905	-1.10497	0.538245	0.94804	-1.05481	0.00403658	1.3919	1.3919	0.00429618	0.721098	-1.38677	0.897874	1.01106	1.01106	0.0426837	0.818903	-1.22115	9.79E-05	1.8089	1.8089	0.144192	1.14377	1.14377	12.721	1.47712	0.103215	1
cg01612292	FAM83H	0.00252077	0.16313	1.61535	1.61535	0.33019	0.723464	-1.38224	0.315965	0.71605	-1.39655	0.0549797	0.496069	-2.01585	0.0150755	2.61764	2.61764	0.0927893	1.81452	1.81452	0.000430453	6.0163	6.0163	0.0049498	3.31645	3.31645	0.0289549	0.436257	-2.29223	9.01007	14.8097	1.46105	1
cg07962934	FAM83H	0.00252561	0.0305348	2.19318	2.19318	0.210969	0.66549	-1.50265	0.342367	0.73914	-1.35292	0.0279931	0.448374	-2.23028	0.0102004	2.7206	2.7206	0.770579	0.913612	-1.09456	0.000780281	4.80759	4.80759	0.00752876	2.89391	2.89391	0.0278441	0.447911	-2.23258	9.00498	13.6156	1.34401	1
cg20519035	FAM83H	0.00548856	0.394989	0.923658	-1.08265	0.470594	0.935282	-1.0692	0.0697607	1.20306	1.20306	0.399523	1.08179	1.08179	0.53928	0.944918	-1.05829	0.0172755	1.30261	1.30261	0.000407761	1.66853	1.66853	0.0509546	0.816549	-1.22467	0.0680512	0.830047	-1.20475	7.13211	0.938603	0.11698	1
cg07441152	FAM83H	0.00550822	0.13102	1.68477	1.68477	0.113238	0.576132	-1.73571	0.116109	0.579074	-1.7269	0.101067	1.77617	1.77617	0.114546	1.73167	1.73167	0.888365	1.04596	1.04596	0.00458841	0.299036	-3.34407	0.00106068	0.212559	-4.70458	0.028731	0.438095	-2.28261	7.12429	11.5481	1.44085	1
cg01399317	FAM83H	0.00585546	0.069354	1.83598	1.83598	0.036376	0.483107	-2.06994	0.35255	0.751195	-1.33121	0.822156	0.93489	-1.06964	0.0186383	0.426174	-2.34646	0.0865704	0.567715	-1.76145	0.919104	1.03085	1.03085	0.00098197	4.32974	4.32974	0.0232785	0.444436	-2.25004	6.99155	9.90326	1.25908	1
cg04440325	FAM83H	0.00685065	0.985569	1.00662	1.00662	0.476319	0.767948	-1.30217	0.0061053	0.271204	-3.68726	0.00085452	0.160995	-6.21139	0.122912	0.543706	-1.83923	0.663161	1.17325	1.17325	0.00115705	0.175486	-5.69845	0.103866	0.522909	-1.91238	0.11552	0.535926	-1.86593	6.65972	14.0189	1.87114	1
cg26039042	FAM83H	0.0121965	0.000413868	4.09102	4.09102	0.0207137	2.01423	2.01423	0.128342	1.51174	1.51174	0.363876	0.79089	-1.2644	0.0445329	1.78604	1.78604	0.466743	1.20466	1.20466	0.422501	1.22873	1.22873	0.0230578	1.98032	1.98032	0.36407	1.26427	1.26427	5.54419	5.55017	0.889848	1
cg00446803	FAM83H	0.0147327	0.347063	1.2611	1.2611	0.502016	0.849381	-1.17733	0.0495996	0.584669	-1.71037	0.84679	1.04744	1.04744	0.00493746	0.409807	-2.44017	0.661111	1.11148	1.11148	0.0988185	1.54285	1.54285	0.00605488	0.423625	-2.36058	0.0181638	0.502962	-1.98822	5.21157	4.7383	0.808168	1
cg13911690	FAM83H	0.0178642	0.302818	1.37841	1.37841	0.000589251	0.202654	-4.93452	0.166472	0.64173	-1.55829	0.665399	1.13977	1.13977	0.357506	0.752375	-1.32912	0.69322	1.12661	1.12661	0.0824813	1.78303	1.78303	0.308539	1.37285	1.37285	0.605778	0.855099	-1.16946	4.88755	6.99807	1.27272	1
cg05913474	FAM83H	0.0190391	0.477674	1.13962	1.13962	0.107234	1.37477	1.37477	0.0589862	1.47113	1.47113	0.148237	1.32413	1.32413	0.0254465	0.618305	-1.61732	0.936955	0.985781	-1.01442	0.0027107	0.472434	-2.1167	0.994569	1.00123	1.00123	0.223322	1.26065	1.26065	4.78373	2.4829	0.46136	1
cg16449606	FAM83H	0.0330353	0.629344	0.846953	-1.1807	0.00157532	0.212171	-4.71318	0.00814395	0.314472	-3.17993	0.983282	0.992869	-1.00718	0.489405	0.786752	-1.27105	0.137012	0.57863	-1.72822	0.375133	0.732782	-1.36466	0.757445	0.899597	-1.11161	0.0515792	0.469164	-2.13145	3.94853	7.29542	1.64234	1
cg22231908	FAM83H;FAM83H	0.0034943	0.684935	1.30591	1.30591	0.0080666	9.20985	9.20985	0.0133314	7.43343	7.43343	0.0105656	8.20237	8.20237	0.793368	0.84218	-1.18739	0.263168	2.14525	2.14525	0.668854	0.754628	-1.32516	0.000105397	88.3744	88.3744	0.203518	2.40651	2.40651	8.1778	55.448	6.02694	1
cg26633107	FAM84A	0.00504333	0.778255	0.919586	-1.08745	0.00207988	3.62152	3.62152	0.000322384	5.62776	5.62776	0.0141198	2.45826	2.45826	0.0400291	2.02329	2.02329	0.660666	0.877059	-1.14017	0.119281	1.65204	1.65204	0.799993	0.927384	-1.0783	0.105281	1.69139	1.69139	7.31929	10.222	1.24141	1
cg14225485	FAM84A	0.00741056	0.0363957	1.40637	1.40637	0.679435	0.943407	-1.05999	0.00294867	1.77237	1.77237	0.0122162	1.54917	1.54917	0.299205	1.16282	1.16282	0.435256	0.894398	-1.11807	0.00701506	0.613394	-1.63027	0.120152	0.789496	-1.26663	0.379538	0.881276	-1.13472	6.49837	2.02294	0.27671	1
cg16234966	FAM84A	0.00993596	0.0218442	0.739437	-1.35238	0.553142	1.06803	1.06803	0.227579	1.14907	1.14907	0.637185	0.949219	-1.0535	0.83004	1.02386	1.02386	0.686018	1.04559	1.04559	0.00475378	0.662796	-1.50876	0.00249116	0.63062	-1.58574	0.0404979	1.29635	1.29635	5.92277	1.12887	0.169421	1
cg14190151	FAM84A	0.0156508	0.0140772	0.416882	-2.39876	0.0351801	2.03048	2.03048	0.0151393	2.36672	2.36672	0.300599	0.733707	-1.36294	0.0108551	0.397167	-2.51783	0.740798	1.10057	1.10057	0.389037	1.29024	1.29024	0.345748	1.32355	1.32355	0.229048	0.694623	-1.43963	5.10831	6.74219	1.1732	1
cg20720059	FAM84A	0.0221654	0.0282669	0.578076	-1.72988	0.0221251	0.559579	-1.78706	0.295813	1.25784	1.25784	0.65605	0.909506	-1.0995	0.827942	0.954986	-1.04714	0.0311043	0.58543	-1.70815	0.0250741	1.75757	1.75757	0.0623728	1.55875	1.55875	0.190802	0.745927	-1.34061	4.54225	3.22119	0.630366	1
cg03959515	FAM84B	0.00437371	0.0758352	0.669991	-1.49256	0.655885	1.09516	1.09516	0.00101473	0.372297	-2.68602	0.362624	0.827248	-1.20883	0.00191069	0.41025	-2.43754	0.215396	0.767745	-1.30252	0.00240062	0.424324	-2.35669	0.00258443	0.428917	-2.33145	0.136769	0.722608	-1.38388	7.6434	4.97313	0.57835	1
cg02123667	FAM84B	0.00640261	0.195765	1.23802	1.23802	0.03211	1.47961	1.47961	0.302257	1.1815	1.1815	0.586292	0.917815	-1.08954	0.346185	1.16346	1.16346	0.333685	1.16837	1.16837	0.000218915	0.382282	-2.61587	0.158376	1.26532	1.26532	0.638176	1.07672	1.07672	6.80114	2.62343	0.342874	1
cg06230848	FAM84B	0.010082	0.000163584	3.42422	3.42422	0.189554	1.30478	1.30478	0.158962	1.33405	1.33405	0.0913263	1.42759	1.42759	0.616242	1.10157	1.10157	0.702253	1.0763	1.0763	0.51416	0.88104	-1.13502	0.617895	0.908211	-1.10107	0.0716231	1.46977	1.46977	5.89519	3.42194	0.515967	1
cg21670708	FAM84B	0.0330676	0.729117	0.855053	-1.16952	0.0113033	0.239554	-4.17443	0.038538	0.339732	-2.9435	0.224974	1.77548	1.77548	0.187712	0.5332	-1.87547	0.679107	0.829132	-1.20608	0.122159	0.470185	-2.12682	0.0224953	3.42511	3.42511	0.305483	1.61276	1.61276	3.94715	12.6836	2.85631	1
cg13528935	FAM84B	0.046652	0.289075	1.12248	1.12248	0.882021	0.984529	-1.01571	0.139894	1.18148	1.18148	0.112662	1.19879	1.19879	0.930761	1.00917	1.00917	0.106768	1.20309	1.20309	0.00284857	0.649735	-1.53909	0.838405	1.02167	1.02167	0.884719	1.01535	1.01535	3.47813	0.607259	0.155194	1
cg05378942	FAM86A;FAM86A	0.00885469	?	?	?	0.0983625	3.50449	3.50449	0.00330289	25.8342	25.8342	?	?	?	0.0319021	0.161394	-6.196	0.63723	1.36369	1.36369	?	?	?	?	?	?	0.0287739	0.152681	-6.54958	11.5872	39.5223	3.41087	1
cg02610689	FAM86A;FAM86A	0.00925165	0.942852	0.991806	-1.00826	0.0283725	1.34578	1.34578	0.163635	1.18602	1.18602	0.0565879	1.28106	1.28106	0.00340893	1.57892	1.57892	0.0091256	0.683784	-1.46245	0.0339311	0.752645	-1.32865	0.25703	1.14541	1.14541	0.72977	1.0406	1.0406	6.05906	1.26394	0.185425	1
cg04145565	FAM86A;FAM86A	0.0141066	0.0953492	0.797115	-1.25452	0.0687121	0.777141	-1.28677	0.00183272	0.578223	-1.72944	0.35042	1.1263	1.1263	0.00385619	0.617648	-1.61905	0.013299	0.684139	-1.46169	0.49462	0.917754	-1.08962	0.066704	0.775366	-1.28971	0.277334	0.869522	-1.15006	5.28668	1.28225	0.215593	1
cg03383789	FAM86A;FAM86A	0.0159876	0.303209	1.2188	1.2188	0.0010552	2.45671	2.45671	0.919698	0.981464	-1.01889	0.450652	1.15327	1.15327	0.43742	0.863316	-1.15832	0.301895	1.2195	1.2195	0.0165545	0.580933	-1.72137	0.954835	0.989547	-1.01056	0.0985361	0.714532	-1.39952	5.0723	2.76542	0.484622	1
cg09790134	FAM86A;FAM86A	0.0369077	0.0733361	0.732918	-1.36441	0.0206426	0.648083	-1.54301	0.0765041	0.735936	-1.35881	0.139452	0.780768	-1.28079	0.00439286	0.55331	-1.8073	0.0603557	0.719214	-1.39041	0.0358958	0.683976	-1.46204	0.0186757	0.641728	-1.55829	0.467721	0.891384	-1.12185	3.79331	1.45469	0.340879	1
cg27282657	FAM86A;FAM86A	0.040333	0.0875672	0.62489	-1.60028	0.596345	0.875228	-1.14256	0.394404	0.804543	-1.24294	0.0317012	0.533727	-1.87362	0.00251012	0.351179	-2.84755	0.0224496	0.505731	-1.97734	0.475075	0.834361	-1.19852	0.962118	1.01191	1.01191	0.0501901	0.573126	-1.74482	3.6719	3.6148	0.875067	1
cg21196034	FAM86B1;FAM86B1	2.35E-05	4.61E-06	0.474463	-2.10765	0.0322838	0.837135	-1.19455	0.00805586	0.786092	-1.27212	0.000696772	0.692956	-1.44309	0.274599	0.922557	-1.08394	0.000103166	1.6277	1.6277	0.0152609	0.809571	-1.23522	4.64E-05	0.579679	-1.72509	0.000330188	0.662931	-1.50845	32.4856	2.58695	0.0707855	1
cg26796542	FAM86B1;FAM86B1	0.0013926	0.485583	0.772667	-1.29422	0.119897	1.848	1.848	0.0403272	2.3681	2.3681	0.000357598	8.04427	8.04427	0.00104776	0.171149	-5.84285	0.137329	1.79042	1.79042	0.0232297	2.68437	2.68437	0.0048664	3.89128	3.89128	0.0949993	1.94987	1.94987	10.7058	22.4615	1.86495	1
cg11371122	FAM86B2	0.040394	0.0342638	0.415577	-2.40629	0.801607	0.914381	-1.09364	0.0137823	2.95158	2.95158	0.822718	1.08305	1.08305	0.231028	0.639763	-1.56308	0.460998	0.765812	-1.3058	0.00984811	0.31357	-3.18908	0.588277	0.823407	-1.21447	0.205697	0.622127	-1.60739	3.66986	7.34594	1.77929	1
cg19592942	FAM86B2	0.0453604	0.271756	1.91557	1.91557	0.0256935	0.214862	-4.65416	0.294426	1.85428	1.85428	0.175546	2.27307	2.27307	?	?	?	0.690822	0.797775	-1.25349	0.00842226	0.138518	-7.21926	0.362845	0.588416	-1.69948	0.367352	1.69054	1.69054	3.87754	17.0395	3.84511	1
cg03258364	FAM86B2	0.0490667	0.749802	0.945269	-1.0579	0.0109874	1.75302	1.75302	0.743134	1.05956	1.05956	0.920927	1.01762	1.01762	0.0345576	0.648182	-1.54278	0.0771327	1.41304	1.41304	0.0298937	1.56751	1.56751	0.238647	1.24249	1.24249	0.987177	1.00283	1.00283	3.41246	1.67266	0.4357	1
cg12553843	FAM86C;FAM86C;FAM86C	0.00261842	0.835434	0.959271	-1.04246	0.153129	0.736527	-1.35772	0.921267	1.01996	1.01996	0.144029	0.730703	-1.36855	0.000107852	0.255461	-3.91449	0.862289	0.965889	-1.03532	0.00645892	2.02975	2.02975	0.699869	0.92549	-1.08051	0.0137428	0.543922	-1.8385	8.90971	5.63862	0.562544	1
cg02324806	FAM86D	0.00286875	?	?	?	0.573713	1.25116	1.25116	0.08751	2.10336	2.10336	0.0239996	0.345995	-2.89022	0.169176	0.561372	-1.78135	0.244214	0.618637	-1.61646	8.72E-05	0.0624364	-16.0163	0.482002	0.754509	-1.32536	0.381117	1.4249	1.4249	8.86637	19.3943	2.1874	1
cg16436232	FAM86D	0.00798173	0.113716	1.40949	1.40949	0.000489052	2.97297	2.97297	0.0160605	1.7998	1.7998	0.00167169	2.4509	2.4509	0.847643	0.962365	-1.03911	0.0905984	1.45043	1.45043	0.17574	1.33261	1.33261	0.110436	1.41473	1.41473	0.576444	1.11913	1.11913	6.34871	3.99956	0.559982	1
cg16341939	FAM86D	0.0142799	0.120456	0.715885	-1.39687	0.0131147	0.543086	-1.84133	0.260617	0.792285	-1.26217	0.49983	0.872912	-1.14559	0.00859701	0.514251	-1.94458	0.0417498	1.59321	1.59321	0.0203438	0.574094	-1.74188	0.75402	0.939528	-1.06436	0.0063885	0.494493	-2.02227	5.26549	3.28399	0.554385	1
cg05291119	FAM86D	0.0288427	0.0141734	1.67939	1.67939	0.15067	1.30194	1.30194	0.0191179	1.62544	1.62544	0.129605	0.755411	-1.32378	0.103636	1.35645	1.35645	0.216424	0.800264	-1.24959	0.121042	0.749775	-1.33373	0.230546	0.806173	-1.24043	0.529459	0.896619	-1.1153	4.14419	1.92588	0.413082	1
cg08356097	FAM86D	0.0414056	?	?	?	0.0913093	1.98176	1.98176	0.210963	1.62382	1.62382	0.00380121	0.237925	-4.203	0.486135	1.29731	1.29731	0.734926	1.13314	1.13314	0.316345	0.68316	-1.46379	?	?	?	0.623927	0.833804	-1.19932	3.76385	6.27243	1.90456	1
cg03432338	FAM89A	0.00041265	0.110595	0.755649	-1.32336	1.41E-05	4.29962	4.29962	0.493186	0.893913	-1.11868	0.997079	0.99941	-1.00059	0.00306813	0.520321	-1.92189	0.25282	0.824913	-1.21225	0.0464798	0.692475	-1.4441	0.0320758	1.49878	1.49878	0.927275	0.985396	-1.01482	15.0702	6.19827	0.365594	1
cg18865725	FAM89A	0.0353507	0.548964	0.769296	-1.29989	0.0539413	2.57616	2.57616	0.0859711	2.27196	2.27196	0.976151	1.01301	1.01301	0.145847	0.508989	-1.96468	0.119261	0.481324	-2.0776	0.00477382	0.197842	-5.05453	0.883986	0.938803	-1.06519	0.124109	0.486647	-2.05488	3.85319	11.4156	2.63346	1
cg22172038	FAM89A	0.0365375	0.834679	1.05613	1.05613	0.00161832	3.2573	3.2573	0.844973	1.05249	1.05249	0.192832	1.43355	1.43355	0.0711271	0.590495	-1.69349	0.96408	0.988301	-1.01184	?	?	?	0.257738	1.36155	1.36155	0.963352	0.988065	-1.01208	3.86846	3.71894	0.961348	1
cg17199320	FAM89A	0.0452589	0.110935	0.391581	-2.55375	0.0031463	8.83762	8.83762	0.890916	1.07689	1.07689	0.723327	0.825393	-1.21154	0.469241	0.671997	-1.4881	0.821197	1.12999	1.12999	0.0511909	0.301576	-3.31591	0.56732	1.36633	1.36633	0.234217	0.510068	-1.96052	3.51796	16.2386	4.10303	1
cg01720705	FAM89A	0.0471189	0.520904	0.90992	-1.099	0.0335517	0.697526	-1.43364	0.237266	0.835587	-1.19676	0.333123	1.15585	1.15585	0.00435331	0.575411	-1.73789	0.400472	0.882625	-1.13298	0.37558	1.14102	1.14102	0.231662	1.19961	1.19961	0.347712	1.15058	1.15058	3.46511	1.15499	0.296283	1
cg25850845	FAM89A;MIR1182	0.029281	0.591453	0.854028	-1.17092	0.452134	1.24992	1.24992	0.0177598	0.431932	-2.31518	0.469824	0.807235	-1.2388	0.00774503	0.369325	-2.70764	0.423545	1.26876	1.26876	0.0185608	0.435466	-2.29639	0.0777706	1.76977	1.76977	0.50195	0.819996	-1.21952	4.12214	5.53703	1.19399	1
cg20165655	FAM89B;FAM89B;FAM89B	4.04E-05	0.0100256	1.43432	1.43432	0.0023938	1.59927	1.59927	0.000880359	1.73895	1.73895	0.00416265	1.53137	1.53137	0.00233399	1.60252	1.60252	0.259334	1.13949	1.13949	2.35E-06	0.27939	-3.57922	0.730615	0.962374	-1.0391	0.24584	1.14417	1.14417	28.165	5.49251	0.173344	1
cg04682787	FAM89B;FAM89B;FAM89B	0.000374007	0.885968	0.979156	-1.02129	0.0048677	1.72976	1.72976	0.0932587	1.31132	1.31132	0.0564839	1.37298	1.37298	0.614593	1.07738	1.07738	0.974552	0.995328	-1.00469	9.00E-06	0.24371	-4.10324	0.112578	0.776028	-1.28861	0.512811	1.10234	1.10234	15.4842	5.28456	0.303367	1
cg20184045	FAM89B;FAM89B;FAM89B	0.0355574	0.399804	0.860524	-1.16208	0.963022	1.00811	1.00811	0.0582307	1.45212	1.45212	0.54428	1.11289	1.11289	0.772045	1.05193	1.05193	0.445114	1.14529	1.14529	0.00198551	0.46711	-2.14082	0.139767	0.758116	-1.31906	0.251683	1.23208	1.23208	3.84506	1.84963	0.427591	1
cg17668148	FAM89B;FAM89B;FAM89B;SSSCA1	0.000219984	0.000186257	0.429525	-2.32815	0.0120503	1.52102	1.52102	0.942538	0.990391	-1.0097	0.0251524	1.42861	1.42861	0.0728358	0.764879	-1.3074	0.00479143	0.605648	-1.65112	3.03E-05	0.335436	-2.98119	0.00446354	0.601713	-1.66192	0.590746	0.929866	-1.07542	17.9024	5.08695	0.252578	1
cg02045845	FAM89B;FAM89B;FAM89B;SSSCA1	0.00230713	0.0148673	0.619535	-1.61411	0.000315294	2.54191	2.54191	0.028508	1.51144	1.51144	0.262435	1.20531	1.20531	0.717514	1.05978	1.05978	0.776686	1.04649	1.04649	0.00373392	0.534812	-1.86982	0.0866286	0.738991	-1.3532	0.546961	1.10231	1.10231	9.24759	3.74069	0.359559	1
cg16218387	FAM8A1	0.000743923	0.63564	1.04226	1.04226	0.00488372	1.38197	1.38197	0.00077475	1.55452	1.55452	0.193014	1.12689	1.12689	0.0203777	1.27432	1.27432	0.337775	1.08947	1.08947	0.0693337	0.838458	-1.19267	0.00254014	0.695425	-1.43797	0.000256684	1.68526	1.68526	12.7907	1.52329	0.105861	1
cg23181159	FAM8A1	0.00963838	0.0395404	0.522231	-1.91486	0.528556	1.19032	1.19032	0.334292	1.31222	1.31222	0.494998	1.20813	1.20813	0.000246485	0.191633	-5.21831	0.909429	0.969425	-1.03154	0.979353	1.00709	1.00709	0.0979403	0.60934	-1.64112	0.382497	1.27683	1.27683	5.98056	7.05232	1.04818	1
cg03068319	FAM8A1	0.0294654	0.436542	0.778781	-1.28406	0.685055	1.13705	1.13705	0.322001	0.724501	-1.38026	0.0206197	2.40666	2.40666	0.0889046	0.553744	-1.80589	0.871121	1.05247	1.05247	0.00246706	0.265517	-3.76624	0.994556	1.00215	1.00215	0.312934	1.38927	1.38927	4.11298	6.46351	1.39688	1
cg13682669	FAM8A1	0.0380052	0.441986	0.904924	-1.10506	0.289481	0.869263	-1.1504	0.840155	0.974593	-1.02607	0.272763	1.15657	1.15657	0.010517	1.50718	1.50718	0.0639159	1.30392	1.30392	0.163744	0.827471	-1.2085	0.017186	0.690737	-1.44773	0.815304	0.970622	-1.03027	3.75295	0.965222	0.228614	1
cg08639402	FAM8A1;FAM8A1	0.0198322	0.382006	1.33196	1.33196	0.0865937	1.8316	1.8316	0.264535	1.45035	1.45035	0.346044	0.733259	-1.36378	0.0988958	0.560749	-1.78333	0.00100478	0.209921	-4.7637	0.244305	0.677438	-1.47615	0.933025	0.973485	-1.02724	0.252833	1.46501	1.46501	4.71805	7.63819	1.43905	1
cg03340338	FAM90A1	0.000203752	0.000853979	0.632707	-1.58051	0.00652058	1.38123	1.38123	4.66E-05	0.495603	-2.01774	0.0209257	0.775785	-1.28902	0.00058092	0.615014	-1.62598	0.929749	1.00809	1.00809	0.0168975	1.30507	1.30507	0.146589	1.15299	1.15299	0.0138011	0.75724	-1.32058	18.2788	2.41652	0.117514	1
cg20633835	FAM90A1	0.000239133	0.0533022	0.79109	-1.26408	0.240679	1.14011	1.14011	0.00128653	0.606012	-1.65013	0.921493	0.989532	-1.01058	3.06E-05	0.419267	-2.38512	0.00137067	0.609134	-1.64168	0.00396121	1.5123	1.5123	0.740695	0.96517	-1.03609	0.00101547	0.594339	-1.68254	17.5005	3.15823	0.160413	1
cg12073615	FAM90A1	0.000257472	0.00856173	0.498344	-2.00665	0.936177	0.983507	-1.01677	8.35E-05	0.229904	-4.34964	0.632887	0.904901	-1.10509	0.000272203	0.289683	-3.45205	0.136012	0.71635	-1.39597	0.0219179	1.76995	1.76995	0.5112	1.1484	1.1484	8.31E-05	0.229679	-4.35389	17.1517	11.713	0.607025	1
cg23508885	FAM90A1	0.000512641	0.379892	0.864098	-1.15728	0.449201	1.13321	1.13321	0.00725132	0.57022	-1.75371	0.0472512	0.692025	-1.44503	1.30E-05	0.226597	-4.41312	0.590111	0.915591	-1.09219	0.136558	1.29705	1.29705	0.0289979	1.51801	1.51801	0.0252156	0.649476	-1.5397	14.1918	5.91049	0.370196	1
cg09691093	FAM90A1	0.00460802	0.176294	0.537104	-1.86184	0.280033	1.62501	1.62501	0.0027548	0.167647	-5.96493	0.0192641	0.294047	-3.40082	0.00138883	0.134862	-7.41497	0.0277015	0.324574	-3.08096	0.204459	0.560488	-1.78416	0.123677	0.486304	-2.05633	0.000993627	0.120667	-8.28729	7.52334	22.2731	2.63158	1
cg19341992	FAM90A1	0.0205602	0.005766	0.467474	-2.13916	0.183852	1.34493	1.34493	0.42857	1.18515	1.18515	0.0653425	1.54469	1.54469	0.487126	0.862091	-1.15997	0.0605941	0.641024	-1.56	0.0104025	1.97023	1.97023	0.668874	1.09465	1.09465	0.960507	0.989646	-1.01046	4.66055	3.26093	0.621944	1
cg01145572	FAM90A10	0.0481858	0.048235	0.30727	-3.25447	0.2694	0.548131	-1.82438	0.0105593	0.186095	-5.3736	0.104773	0.395833	-2.52632	0.0182563	0.223641	-4.47145	0.243644	0.528501	-1.89214	0.027163	0.254892	-3.92323	0.248108	0.531971	-1.8798	0.0150926	0.209914	-4.76385	3.43595	14.8702	3.84697	1
cg07761646	FAM90A13;FAM90A14	0.0483461	0.0415081	0.305806	-3.27005	0.133348	0.442139	-2.26173	0.135985	0.444953	-2.24743	0.889956	0.932602	-1.07227	0.0155279	0.224019	-4.4639	0.867552	1.08777	1.08777	0.761333	1.16596	1.16596	0.0406477	0.303807	-3.29157	0.00767745	0.177841	-5.62301	3.43163	13.8074	3.5765	1
cg27525189	FAM90A20	0.00304613	0.344684	0.788681	-1.26794	0.000487562	0.263665	-3.79269	0.113177	0.656731	-1.52269	0.0690297	0.608818	-1.64253	0.004721	0.400282	-2.49824	0.783782	0.935115	-1.06939	0.137109	1.47782	1.47782	0.711771	1.09474	1.09474	0.000682463	0.282038	-3.54562	8.51945	8.02674	0.837482	1
cg16639745	FAM90A20	0.0378493	0.103662	0.30313	-3.29891	0.194139	0.397983	-2.51267	0.0105116	0.115394	-8.66598	0.235174	0.434092	-2.30366	0.00913637	0.108513	-9.21551	0.178044	0.382951	-2.6113	0.0764313	0.266611	-3.75078	0.751598	0.808169	-1.23736	0.00563546	0.0874364	-11.4369	3.75859	26.7778	6.33282	1
cg08004698	FAM90A7	0.00021593	0.467239	0.885678	-1.12908	0.0325623	0.66328	-1.50766	1.34E-05	0.224198	-4.46035	0.984434	1.00321	1.00321	0.000211466	0.361909	-2.76313	0.0183457	0.625192	-1.59951	0.0319676	1.51051	1.51051	0.0334112	0.665028	-1.5037	0.000650336	0.423981	-2.35859	17.993	7.67522	0.37917	1
cg21482019	FAM90A7	0.000386037	0.0545463	0.782023	-1.27874	0.590724	1.06311	1.06311	2.00E-05	0.377977	-2.64566	0.265271	0.877325	-1.13983	0.00219336	0.616204	-1.62284	0.566028	0.936692	-1.06759	0.0437525	0.770045	-1.29863	0.137212	1.19777	1.19777	0.000193811	0.493061	-2.02815	15.3498	3.08952	0.178911	1
cg09051235	FAM90A7	0.0047263	0.200374	0.562284	-1.77846	0.0942116	2.18843	2.18843	0.00187236	0.152969	-6.53727	0.932481	0.964573	-1.03673	0.00273962	0.172055	-5.81211	0.706841	0.851438	-1.17448	0.465839	1.3715	1.3715	0.444378	1.39361	1.39361	0.00144102	0.140769	-7.10385	7.46559	21.4234	2.55077	1
cg14339048	FAM90A7	0.0482132	0.034881	0.412891	-2.42194	0.139142	0.564018	-1.77299	0.0111405	0.318324	-3.14145	0.132663	0.557827	-1.79267	0.0136532	0.333725	-2.99648	0.0596064	0.465426	-2.14857	0.0551365	0.457386	-2.18634	0.271624	0.66252	-1.50939	0.023901	0.379245	-2.63682	3.43521	7.04142	1.82203	1
cg05637065	FAM90A8	0.00141555	0.0359231	0.540065	-1.85163	0.654035	1.12061	1.12061	0.000103108	0.176496	-5.66586	0.126915	1.51702	1.51702	0.0138131	0.463862	-2.15581	0.681425	0.901047	-1.10982	0.281313	1.32666	1.32666	0.271313	0.748945	-1.33521	0.000675481	0.269257	-3.71392	10.6557	10.7541	0.897098	1
cg17002713	FAM91A1	0.00217883	0.00205508	0.311072	-3.21469	0.0187993	0.465118	-2.14999	0.00346548	0.344003	-2.90695	0.0178698	0.461114	-2.16866	0.000269177	0.200458	-4.98859	0.00682187	0.389663	-2.56632	0.00315661	0.337978	-2.95877	0.00570557	0.377275	-2.65059	0.0372696	0.521983	-1.91577	9.40384	10.77	1.01803	1
cg18896877	FAM91A1	0.00598491	0.0683726	0.754691	-1.32505	0.0556706	0.741502	-1.34861	0.000313798	0.446761	-2.23833	0.294595	1.16176	1.16176	0.133069	1.25047	1.25047	0.892507	0.981524	-1.01882	0.0244876	1.4472	1.4472	0.407246	0.889647	-1.12404	0.711594	0.950069	-1.05256	6.94456	2.09241	0.267825	1
cg17492326	FAM91A1	0.00947475	0.618378	1.09766	1.09766	0.658812	0.920859	-1.08594	0.664599	1.08431	1.08431	0.866018	0.969154	-1.03183	0.92589	0.982886	-1.01741	0.348676	1.19604	1.19604	0.000436097	0.356481	-2.8052	0.00906043	1.8504	1.8504	0.159959	1.32125	1.32125	6.01329	3.27862	0.484649	1
cg20283107	FAM91A1	0.0124335	0.740668	0.892225	-1.12079	0.381665	0.73487	-1.36078	0.113699	0.553826	-1.80562	0.022228	0.390236	-2.56255	0.00113318	0.193135	-5.17771	0.0164625	0.365578	-2.73539	0.139952	0.579694	-1.72505	0.278091	1.47291	1.47291	0.00745119	0.306316	-3.26461	5.50959	10.2864	1.65955	1
cg25698777	FAM91A1	0.0382153	0.609266	1.16429	1.16429	0.0705863	1.81526	1.81526	0.0127495	2.49204	2.49204	0.424771	0.786223	-1.2719	0.595077	1.1715	1.1715	0.404243	0.777382	-1.28637	0.0125947	0.400346	-2.49784	0.156978	1.56304	1.56304	0.18077	1.52091	1.52091	3.74539	5.16446	1.22568	1
cg27338504	FAM92A1	0.000228874	0.000555595	0.335287	-2.98252	0.000786734	0.359233	-2.78371	0.130543	1.33298	1.33298	0.58289	0.909147	-1.09993	0.000306338	0.295405	-3.38518	0.0211028	0.601107	-1.6636	7.28E-05	4.84034	4.84034	0.0219342	0.604097	-1.65536	0.063525	1.45196	1.45196	31.3612	13.8527	0.294476	1
cg17696629	FAM92A1	0.0123223	0.930312	0.993508	-1.00653	0.456895	1.05804	1.05804	0.0815293	1.15462	1.15462	0.708949	1.02832	1.02832	0.921876	1.00733	1.00733	0.400745	0.937956	-1.06615	0.000301097	0.645513	-1.54916	0.13819	0.887922	-1.12622	0.380798	1.06924	1.06924	5.52572	0.485321	0.0780707	1
cg27497049	FAM92A1	0.0421191	0.712797	0.954614	-1.04754	0.574	0.931127	-1.07397	0.526597	1.08394	1.08394	0.467276	1.09738	1.09738	0.814442	0.970895	-1.02998	0.5331	1.08254	1.08254	0.00128158	0.554422	-1.80368	0.27822	1.15218	1.15218	0.149527	1.21426	1.21426	3.61353	0.903251	0.22219	1
cg01615271	FAM92A3	6.83E-06	0.00142046	0.536497	-1.86394	0.195828	1.20261	1.20261	0.00793996	0.631864	-1.58262	0.864725	0.977265	-1.02326	1.57E-06	0.195181	-5.12345	7.61E-05	0.38001	-2.63151	1.03E-06	0.17797	-5.61893	0.0133782	1.51164	1.51164	0.262321	1.17074	1.17074	44.7818	12.9015	0.256086	1
cg08090384	FAM92A3	0.000398757	0.00255258	0.393073	-2.54406	0.154623	0.711837	-1.40482	0.00705748	0.459838	-2.17468	0.105332	0.673821	-1.48407	0.000741959	0.31893	-3.13548	4.17E-05	0.175324	-5.70373	0.0168378	0.521687	-1.91686	0.929236	0.980378	-1.02001	9.20E-05	0.210548	-4.74951	15.2133	11.9933	0.700754	1
cg19843540	FAM92A3	0.00629211	0.446476	0.886464	-1.12808	0.000459055	2.35531	2.35531	0.00213904	1.95397	1.95397	0.205514	0.812672	-1.23051	0.979296	0.995978	-1.00404	0.488732	0.896523	-1.11542	0.951788	0.990654	-1.00943	0.0619137	1.3861	1.3861	0.231827	1.21501	1.21501	6.83792	2.6121	0.339557	1
cg02853355	FAM92B	0.000279664	1.61E-05	0.221384	-4.51704	0.0514634	0.686524	-1.45661	0.00185864	0.472761	-2.11523	0.00125538	0.449723	-2.22359	0.00298798	0.501121	-1.99552	0.000127007	0.322617	-3.09965	0.190486	0.790428	-1.26514	0.968948	0.993418	-1.00663	0.0203903	0.622405	-1.60667	16.769	7.64274	0.405126	1
cg02687026	FAM92B	0.000511813	0.00422623	0.377917	-2.64609	0.784671	0.932781	-1.07206	0.000323165	0.228176	-4.38258	0.0175835	0.479999	-2.08334	0.000368287	0.234818	-4.25862	0.000249645	0.215362	-4.64335	0.000394507	0.238354	-4.19544	0.0135179	0.459945	-2.17417	0.00174748	0.321874	-3.1068	14.1982	14.5148	0.908707	1
cg05637630	FAM92B	0.00116808	0.0183117	0.536853	-1.86271	0.000794552	0.33257	-3.00689	0.000108059	0.227012	-4.40506	0.0588272	0.628995	-1.58984	0.911217	1.02453	1.02453	0.00404866	0.432339	-2.313	0.00299803	0.413	-2.42131	0.268875	1.28425	1.28425	0.512427	0.865598	-1.15527	11.258	8.41554	0.664457	1
cg03700402	FAM92B	0.00377051	0.177976	0.398815	-2.50743	0.255412	0.466485	-2.14369	0.00134195	0.0501496	-19.9403	0.440906	1.65653	1.65653	0.0160402	0.150636	-6.6385	0.0147984	0.145738	-6.86162	0.000420681	0.0276034	-36.2274	0.0682835	0.269552	-3.70985	0.00572011	0.0975978	-10.2461	7.99336	52.2149	5.80647	1
cg09175137	FAM92B	0.0292415	0.00921794	0.369672	-2.7051	0.720098	1.11441	1.11441	0.186864	0.656249	-1.52381	0.588667	0.848429	-1.17865	0.00726005	0.352523	-2.8367	0.0269506	0.454429	-2.20056	0.00687266	0.348663	-2.8681	0.513206	0.819031	-1.22095	0.361538	0.753995	-1.32627	4.12411	5.92005	1.27598	1
cg00381442	FAM92B	0.0384147	0.0925426	0.516087	-1.93766	0.0300352	0.401748	-2.48912	0.181316	0.602249	-1.66044	0.651594	0.850077	-1.17636	0.0553634	0.460221	-2.17287	0.0840282	0.505036	-1.98006	0.00159671	0.198221	-5.04487	0.0680036	0.481741	-2.0758	0.214589	0.62697	-1.59497	3.73825	7.55971	1.79756	1
cg09142858	FAM92B;FAM92B	0.00237499	0.0544369	0.609208	-1.64148	0.000112088	0.213977	-4.6734	0.00325773	0.402097	-2.48696	0.694919	0.914377	-1.09364	0.0330876	0.567868	-1.76097	0.0345238	0.571292	-1.75042	0.00167433	0.36041	-2.77461	0.0125778	0.494222	-2.02338	0.25664	0.764229	-1.30851	9.16927	7.48976	0.726074	1
cg07500988	FAM96A;FAM96A	0.00299202	0.506006	1.51413	1.51413	0.0112748	7.52964	7.52964	0.0180153	6.16151	6.16151	0.54791	1.45302	1.45302	0.0496149	0.24593	-4.0662	0.00182105	0.0561026	-17.8245	0.000950723	0.039602	-25.2512	0.927504	1.05741	1.05741	0.455201	1.59658	1.59658	10.0898	58.8575	4.53709	1
cg25985437	FAM96A;FAM96A	0.00428451	0.0628554	0.856275	-1.16785	0.571304	1.04333	1.04333	0.00137544	0.708861	-1.41071	0.044449	0.84272	-1.18663	0.321919	1.07882	1.07882	0.0777688	0.864742	-1.15641	0.971772	1.00263	1.00263	0.00846614	1.28301	1.28301	0.00874791	1.28096	1.28096	7.69123	0.669534	0.0773792	1
cg03431705	FAM96A;FAM96A	0.00483236	?	?	?	?	?	?	0.00320178	8.55579	8.55579	?	?	?	0.00529324	6.74412	6.74412	0.00261046	9.48012	9.48012	?	?	?	?	?	?	0.13115	2.07716	2.07716	15.7922	18.5125	1.46532	1
cg25897161	FAM96A;FAM96A	0.0371931	0.827005	0.938812	-1.06518	0.43347	1.25932	1.25932	0.440581	0.797013	-1.25469	0.0157096	0.425668	-2.34925	0.432268	1.26012	1.26012	0.014071	0.4171	-2.39751	0.0232292	0.457194	-2.18726	0.979243	1.00753	1.00753	0.018437	0.438357	-2.28125	3.78268	4.98566	1.17158	1
cg27163800	FAM96B;CES2;FAM96B;CES2	0.00309367	0.00348155	1.62325	1.62325	0.416504	1.10678	1.10678	0.00487491	1.57768	1.57768	0.00173846	1.72566	1.72566	0.587933	1.06912	1.06912	0.229211	0.857135	-1.16668	0.652132	0.946065	-1.05701	0.219015	0.853902	-1.17109	0.00103054	1.81144	1.81144	8.48032	2.00488	0.210147	1
cg05899183	FAM96B;CES2;FAM96B;CES2;CES2;CES2	0.00619985	0.00938164	1.4787	1.4787	0.318002	0.884643	-1.1304	0.458635	0.914283	-1.09375	0.132011	1.21295	1.21295	0.00106524	0.563031	-1.7761	0.0156832	0.703478	-1.42151	0.0385062	0.752249	-1.32935	0.556575	1.07317	1.07317	0.144159	0.830008	-1.20481	6.86925	1.53425	0.198533	1
cg01721410	FAM96B;FAM96B	0.000109998	0.334262	0.782528	-1.27791	0.018584	0.495225	-2.01929	0.00312001	0.369585	-2.70574	0.0957397	1.56922	1.56922	7.83E-05	0.172177	-5.80797	6.43E-05	0.163833	-6.10378	2.09E-05	0.120837	-8.27558	0.0277735	0.527039	-1.89739	0.000872729	0.292436	-3.41955	21.5829	20.7273	0.853651	1
cg01709119	FAM96B;FAM96B;CES2;CES2	0.0317785	0.0207166	2.17858	2.17858	0.457929	1.23531	1.23531	0.352613	1.30659	1.30659	0.00990567	2.48676	2.48676	0.00464291	2.86544	2.86544	0.0150578	2.30556	2.30556	0.774409	0.9228	-1.08366	0.305148	1.34566	1.34566	0.481555	1.22141	1.22141	4.00381	4.95666	1.10043	1
cg02372023	FAM98A	6.89E-05	0.000287044	0.493061	-2.02815	0.0152328	1.42762	1.42762	0.862399	1.02094	1.02094	8.83E-06	3.16352	3.16352	0.97155	0.995749	-1.00427	0.243692	1.15686	1.15686	0.000101123	0.439104	-2.27736	0.850995	1.02272	1.02272	0.676694	0.951143	-1.05137	24.4486	5.52499	0.200874	1
cg18977641	FAM98A	0.00114297	0.120806	1.31531	1.31531	0.407767	1.14791	1.14791	0.0111095	1.67971	1.67971	0.747302	1.05407	1.05407	0.0208997	1.5727	1.5727	0.000151723	0.346855	-2.88305	0.00225436	0.498376	-2.00652	0.115342	1.32164	1.32164	0.278181	1.20165	1.20165	11.328	4.76095	0.373584	1
cg22880420	FAM98A	0.00144422	0.29779	1.10727	1.10727	6.71E-05	1.99254	1.99254	0.447913	1.07575	1.07575	0.176845	0.873256	-1.14514	0.404775	1.0838	1.0838	0.279205	0.899235	-1.11206	0.0163857	0.758079	-1.31912	0.0163709	0.758038	-1.3192	0.0487164	1.2368	1.2368	10.5945	1.49543	0.125468	1
cg06489241	FAM98A	0.00560501	0.870039	1.03523	1.03523	0.208656	1.32352	1.32352	9.43E-05	4.35656	4.35656	0.19383	1.3374	1.3374	0.41245	1.19388	1.19388	0.430468	1.18552	1.18552	0.315962	0.803115	-1.24515	0.163663	0.730265	-1.36937	0.0803096	1.50724	1.50724	7.08626	5.01916	0.629595	1
cg16518686	FAM98A	0.010166	0.115413	1.75018	1.75018	0.0159758	2.62404	2.62404	0.0330863	2.25886	2.25886	0.70722	1.13133	1.13133	0.00221428	0.246031	-4.06454	0.0310686	0.437059	-2.28802	0.888576	1.04691	1.04691	0.432083	0.769352	-1.2998	0.259286	1.46942	1.46942	5.87957	9.95878	1.5056	1
cg06952880	FAM98A	0.0351848	0.560104	1.14724	1.14724	0.212523	1.35812	1.35812	0.0499262	1.68416	1.68416	?	?	?	0.00825429	0.454964	-2.19798	0.983177	0.995097	-1.00493	0.174909	0.714365	-1.39985	0.167349	1.40935	1.40935	0.065548	1.61903	1.61903	3.92238	3.00106	0.765112	1
cg22399232	FAM98A;FAM98A	0.0131035	0.0181549	1.37215	1.37215	0.424338	0.913942	-1.09416	0.00791816	0.686871	-1.45588	0.672647	1.04799	1.04799	0.0351286	0.762847	-1.31088	0.389924	1.10204	1.10204	0.538075	1.07118	1.07118	0.00430992	0.656438	-1.52337	0.254233	0.876951	-1.14031	5.4161	1.0434	0.171244	1
cg10385188	FAM98B;FAM98B	0.00306264	0.813372	0.931435	-1.07361	0.0187425	0.42507	-2.35255	0.000632425	0.206566	-4.84106	0.212665	0.674204	-1.48323	0.005656	0.336055	-2.9757	0.193027	0.66118	-1.51245	0.00326961	0.299961	-3.33376	0.641301	1.15133	1.15133	0.00075967	0.21595	-4.63071	8.50578	12.1516	1.26989	1
cg21049015	FAM98B;FAM98B	0.00990784	0.0665173	1.18456	1.18456	0.00870098	1.3168	1.3168	0.280869	1.09665	1.09665	0.181136	1.12397	1.12397	0.456718	1.06438	1.06438	0.225315	1.11051	1.11051	0.0611752	0.840582	-1.18965	0.00162011	0.689418	-1.4505	0.728271	1.02913	1.02913	5.92814	0.636142	0.0953857	1
cg27565406	FAM98B;FAM98B	0.0190225	0.0263808	0.439712	-2.27422	0.0216503	0.423005	-2.36404	0.390843	1.31567	1.31567	0.97764	1.00878	1.00878	0.323178	0.727305	-1.37494	0.00545677	0.319654	-3.12838	0.134192	0.604123	-1.65529	0.0174678	0.405454	-2.46637	0.0910649	1.78743	1.78743	4.78515	7.37881	1.37069	1
cg02546786	FAM98B;FAM98B	0.0224176	0.052151	0.186675	-5.35689	0.02254	0.125455	-7.97099	0.034308	0.153186	-6.52803	0.703404	1.3373	1.3373	0.00692963	0.0702947	-14.2258	0.0310017	0.146008	-6.84895	0.0211395	0.121661	-8.21955	0.012591	0.0946596	-10.5642	0.0587473	0.19747	-5.06405	4.52463	41.3717	8.1277	1
cg24663514	FAM98B;FAM98B	0.0235361	0.106963	0.229236	-4.36232	0.00605042	0.0497362	-20.1061	0.0503935	0.154625	-6.46724	0.772331	1.27485	1.27485	0.0274682	0.112715	-8.87197	0.129044	0.253359	-3.94697	0.0054683	0.0469691	-21.2906	0.0127572	0.0750241	-13.3291	0.19061	0.313464	-3.19016	4.44934	49.3714	9.86342	1
cg07614371	FAM98B;FAM98B	0.0347946	0.121837	0.835827	-1.19642	0.881772	1.01604	1.01604	0.167251	0.85433	-1.17051	0.0140359	0.723023	-1.38308	0.477723	0.925712	-1.08025	0.0233921	0.748525	-1.33596	0.43242	0.917892	-1.08945	0.0705015	1.24131	1.24131	0.0547482	1.26236	1.26236	3.87537	0.701877	0.160988	1
cg05861661	FAM98B;FAM98B	0.0430278	0.90301	0.965317	-1.03593	0.0196654	2.26134	2.26134	0.0066752	2.77047	2.77047	0.825997	0.938239	-1.06583	0.0735444	1.78188	1.78188	0.157556	1.54897	1.54897	0.996083	0.99858	-1.00142	0.136724	0.628647	-1.59072	0.0981916	1.6908	1.6908	3.58499	4.76025	1.18029	1
cg12389767	FAM98B;FAM98B;FAM98B;FAM98B	0.00258211	0.190493	0.421414	-2.37297	0.70804	1.26427	1.26427	0.520068	1.50146	1.50146	0.297382	1.96087	1.96087	0.000296466	0.0254194	-39.3401	0.877197	0.908113	-1.10119	0.000373572	0.0288031	-34.7185	0.0411172	0.230182	-4.34439	0.454105	1.60852	1.60852	8.94648	55.0525	5.46981	1
cg09171660	FAM98C	2.08E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18480790	FAM98C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13040829	FAM98C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23946070	FAM98C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04677537	FAM98C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23970758	FAM98C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16550477	FAM9A;FAM9A	2.39E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06873315	FAM9A	9.85E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26953856	FAM59A;FAM59A	0.000549191	0.187817	1.36331	0.145605	1.41474	0.466693	0.960383	1.03983	0.630157	0.897976	1.11262	7.14E-06	0.110513	0.00475	0.15399	1.40337	1.40337	0.815225	1.05335	0.03145	0.853719	1.17135	0.0702675	0.638075	1.56721	13.9228	10.8716	0.604084	1
cg17406244	FAM59A;FAM59A	0.000581553	0.404472	1.23213	1.23213	0.359392	0.55038	1.81693	0.00142906	0.323454	-3.09163	0.140018	0.678041	-1.47484	2.10E-05	0.1226	0.15658	0.222419	1.36859	1.36859	0.0425082	1.77112	1.77112	0.378758	1.2473	1.2473	0.939287	1.01882	13.7027	12.9959	0.843039	1
cg20000541	FAM59A;FAM59A	0.000630484	0.237498	1.34375	1.34375	0.123291	1.48974	1.48974	0.0136657	0.482773	-2.07137	0.0283393	0.539018	-1.85522	1.46E-05	0.116263	-8.60122	0.723443	0.916667	-1.08853	0.0404858	1.75935	1.75935	0.972027	0.991663	-1.00841	0.976927	0.993119	-1.00693	13.3973	12.096	0.802553	1
cg04979234	FAM59A;FAM59A	0.001361382	0.707549	1.12374	1.12374	0.0549848	0.509564	-1.96137	0.0232735	0.193225	-2.31521	0.00283655	0.380193	-3.56897	5.39E-05	0.0972165	-10.2863	0.267004	1.43015	1.43015	0.161674	1.58826	1.58826	0.24475	0.686167	-1.45745	0.0175675	0.408807	-2.44614	10.7747	16.3539	1.34916	1
cg18390152	FAM59A;FAM59A	0.00305044	0.0159721	0.256217	-3.90294	0.0326236	0.141192	-7.08256	0.0122249	0.236707	-4.22464	0.960552	1.02309	1.023	0.00082015	0.0994218	0.0976365	-10.2421	0.1659	0.505592	-1.97788	0.00820405	0.0975587	-10.2502	0.0294308	0.306097	-3.26694	0.0076266	2.05226	-4.87188	5.41587	28.7362	2.99949	1
cg01666573	FAM59A;FAM59A	0.00335555	0.712568	1.11985	1.11985	0.00425417	0.310291	-1.32279	0.0639985	0.528984	-1.89041	0.00268458	0.281376	-5.39375	0.00053904	0.192732	-5.18856	0.146542	1.61076	1.61076	0.00613372	0.334668	-2.98803	0.310104	0.725213	-1.3789	0.0805635	0.552736	-1.80918	8.27744	12.2676	1.31738	1
cg18491397	FAM59A;FAM59A	0.00608765	0.512102	1.26863	1.26863	0.186401	0.605762	-1.65081	?	?	?	0.00464665	0.259957	-3.84679	0.000293119	0.121018	-8.26321	0.72708	1.13359	1.13359	0.329521	1.43348	1.43348	0.923746	1.03485	1.03485	0.890773	0.95202	-1.0504	7.03567	12.7165	1.80282	1
cg17786512	FAM59A;FAM59A	0.00615653	0.64319	0.848211	-1.17905	0.2428043	0.649658	-1.53931	0.0500309	0.454479	-2.20034	0.00744754	0.296358	-3.3743	0.000192616	0.109059	-9.1738	0.528248	1.15294	1.15294	0.295972	1.46127	1.46127	0.919537	0.992083	-1.4219	0.129691	0.561181	-1.78196	6.76404	13.3413	1.75323	1
cg00606110	FAM59A;FAM59A	0.01106	0.661886	1.1681	1.1681	0.00185029	0.210013	-4.76161	0.132326	0.56355	-1.77446	0.0124563	0.33353	-7.98251	0.00131305	0.32622	-3.0654	0.178427	1.65672	1.65672	0.0384326	1.96257	1.96257	0.196516	0.10553	0.1653	0.560232	0.812219	1.2212	5.72247	13.3004	1.75532	1
cg22172517	FAM59A;FAM59A	0.04896044	0.566679	0.804759	-1.24261	0.973176	1.01355	1.01355	0.00220812	0.200086	-4.99785	0.723451	1.14254	1.14254	0.0629991	0.456384	-2.19114	0.395584	1.38585	1.38585	0.128349	1.8524	1.8524	0.890475	0.949638	-1.05303	0.750129	1.12731	1.12731	3.41526	7.60869	13.9801	1
cg24862851	FAM59A;FAM59A;FAM59A	0.000168604	0.0738408	1.15843	1.15843	0.0215252	0.346329	-1.68743	0.0116005	0.0966	-3.66745	0.0001966	0.660565	-1.59329	0.000105754	0.0434454	-2.30179	0.0848212	1.59056	1.59056	0.0176375	2.07843	2.07843	0.529205	0.875882	-1.14171	0.0001978	0.275262	-3.6329	19.2402	12.9658	2.09012	1
cg22972444	FAM59A;FAM59A;FAM59A	0.00055961	0.225661	1.26085	1.26085	0.112878	0.720366	-1.39377	0.3693	0.0472797	0.661341	-1.51206	0.163891	0.746853	-1.33895	0.7046	-0.3665	0.163592	-6.11277	0.978842	0.995181	-1.00484	0.0988539	1.39047	1.39047	0.652225	0.920681	-1.08615	0.137412	0.747186	-1.33835	13.8502	7.27897	0.467155	1
cg03706653	FAM59A;FAM59A	0.0177845	0.148224	1.38752	1.38752	0.217251	1.9302	1.9302	0.702733	1.08454	-1.08454	0.858127	0.96202	-1.03851	0.00163864	0.385103	-2.59671	0.061496	1.56051	1.56051	0.094158	1.45523	1.45523	0.0710297	0.653106	-1.53095	0.366306	0.822017	-1.21652	4.8949	3.457	0.627773	1
cg06650493	FAM9B	9.12E-05	0.292193	1.31455	1.16545	0.00303614	0.566094	-1.76649	0.00599885	0.604657	-1.65383	0.692677	0.94587	-1.05723	3.03E-06	0.210818	-4.74342	0.001967	1.91712	1.91712	0.0157661	1.31903	1.31903	0.53522	0.880305	-1.13597	0.0999262	0.776805	-1.28752	22.6893	7.05284	0.276306	1
cg00595610	FAM59A	0.01079955	0.745072	0.91472	-1.09329	0.00321404	0.333316	-3.00015	0.00584713	0.373117	-2.68021	0.0161019	0.447263	-2.25382	0.000193561	0.273281	-3.65923	0.7493	0.91613	-1.09155	0.312951	0.751935	-1.32997	0.184185	0.680533	-1.46944	0.162437	0.665334	1.503	7.57625	6.81831	1.05088	1
cg20052306	FAM43A	0.0443774	0.347387	1.27453	1.27453	0.108521	0.22688	1.02688	0.50567	1.12468	-1.12468	0.0288	0.55067	-1.18594	0.796576	0.597234	-1.06697	0.0279053	1.45408	1.45408	0.0127202	1.75062	1.75062	0.699914	1.10549	1.10549	0.640859	0.88879	-1.12512	3.88896	8.93722	2.886459	1
cg02860323	FAM9B	0.0432064	0.0128242	1.6286	1.6286	0.5454001	1.10138	1.10138	0.0873717	0.742446	-1.3469	0.0487177	1.42651	1.42651	0.0342913	0.677283	-1.47649	0.397931	1.14634	1.14634	0.127311	1.29718	1.29718	0.519622	1.10849	1.10849	0.664705	1.07124	1.07124	3.57947	1.14157	0.350536	1
cg06516591	FAM59A;FAM59A	0.00757537	0.047124	0.654265	-1.52837	0.00208564	0.492378	-2.03096	0.00828879	0.532212	-1.87007	0.519556	0.885967	-1.12871	1.28E-05	0.182618	-5.47592	0.220221	1.27	1.27	0.460482	0.872153	-1.14659	0.808333	0.95593	-1.0461	0.166269	0.760524	-1.31488	12.7258	6.9317	0.484177	1
cg15749276	FAM9C	0.00208194	0.945269	0.977282	-1.02329	0.000488106	0.159155	-6.28318	0.00124951	0.203133	4.92287	0.960555	1.01676	1.01676	0.000662879	0.173214	-5.77519	0.635785	0.851759	-1.17404	0.11619	1.77569	1.77569	0.801527	1.0884	1.0884	0.740298	1.13837	1.11837	5.92866	17.0717	1.59238	1
cg21944459	FAM9C	0.0034075	0.015093	0.431066	-2.31983	0.00630198	0.366933	-2.72529	0.0207915	0.454496	-2.1906	0.0119271	0.413065	-2.42093	0.000435287	0.208675	-4.79213	0.0234885	0.466484	-2.1437	0.000900744	0.246608	-4.05502	0.566135	0.849225	-1.17754	0.0528016	0.537795	-1.85944	8.17555	10.2816	1.11786	1
cg26447436	FAM9C	0.0293723	0.488094	1.27451	1.27451	0.0755495	0.29536	-3.38548	0.0196	0.0966	-10.3535	0.0001786	0.0116644	0.361108	2.09E-05	0.0031347	-9.24906	0.380704	1.25786	1.25786	0.2216567	1.55717	1.55717	0.872315	1.06202	1.06202	0.900093	0.957972	-1.04387	4.1176	7.7514	1.67334	1
cg27582168	FAM9C	0.00902058	0.134537	0.822423	-1.21592	0.0259946	1.37772	1.37772	0.576901	0.931987	-1.07068	0.0015884	0.878375	-1.13847	0.91E-05	0.349427	-2.86182	0.029586	1.36392	1.36392	0.611111	1.06092	1.06092	0.606293	1.06502	1.06502	0.512604	0.922689	-1.08378	0.92907	6.45005	2.10668	1
cg05105054	FAM59A	0.00227097	0.0252358	0.85106	-1.17496	0.0001139	0.125751	-7.95233	0.0040889	0.0972	-10.2865	0.0001665	0.0566	-1.76644	0.000128564	0.0885103	-2.59671	0.0164096	1.5051	1.5051	0.0049158	1.45523	1.45523	0.0710297	0.653106	-1.53095	0.366306	0.822017	-1.21652	4.8949	3.457	0.627773	1
cg07422408	FANCA	0.00379166	0.245655	0.731451	-1.36715	0.000218074	0.204378	-4.8929	0.00315056	0.353715	-2.82714	0.423643	0.810209	-1.23425	0.381115	0.793453	-1.26031	0.872091	1.04237	1.04237	0.0180944	2.09456	2.09456	0.263975	0.740908	-1.3497	0.6067	1.14306	1.14306	7.97994	8.38288	0.933773	1
cg00529910	FANCA	0.0267851	0.214146	0.643879	-1.55309	0.0429236	0.376542	-3.61609	0.0138969	0.359519	-2.7815	0.824745	1.07751	1.07751	0.167564	1.10497	1.10497	0.102427	0.547947	-1.82499	0.0489744	2.13114	2.13114	0.0036157	1.58939	1.58939	0.0565775	1.775787	1.28901	24.7241	5.42017	0.194789	1
cg28211068	FANCA;FANCA	0.00185218	0.459556	1.20812	1.20812	0.0237553	0.52478	-1.90487	0.0592948	0.58219	-1.71819	0.0790578	1.30207	1.30207	0.0153443	1.48812	1.48812	0.0191625	1.60317	1.60317	0.0082317	2.08697	2.08697	0.0155342	1.33002	1.33002	0.0259859	1.54407	1.48489	1.91675	4.26482	1.36417	1
cg05977517	FANCA;FANCA	0.00389056	0.0682485	0.818977	-1.22104	0.411267	0.921106	-1.08565	0.00711612	0.711732	-1.40502	0.075351	0.823938	-1.21368	0.162859	0.86441	-1.15686	0.0768243	0.824913	-1.21225	0.9205	0.504123	-1.98304	0.244371	1.12651	1.12651	0.972085	0.996583	-1.00343	7.91837	1.1998	0.134688	1
cg24800887	FANCA;FANCA	0.00258605	0.0234598	0.721816	-1.38494	0.0297321	1.18337	1.18337	0.0178174	0.644253	-1.55212	0.0140513	0.808098	-1.23687	0.0124678	0.824315	-1.21313	0.0742431	1.2839	1.2839	0.0873425	1.2358	1.2358	0.244744	0.809447	-1.23556	0.0272316	0.738866	-1.35386	0.627216	0.943	-1.06045	4.36018	0.980776	0.202453	1
cg07440826	FANCA;FANCA	0.0334981	0.00535861	0.449282	-2.22578	0.0266468	0.563778	-1.77374	0.840254	0.959025	-1.04501	0.296398	0.789622	-1.26643	0.0174687	0.532726	-1.87714	0.17997	1.732957	-1.36434	0.0273965	1.56703	1.56703	0.0164104	0.527525	-1.89564	0.116061	0.688929	1.45153	3.92883	2.96158	0.67005	1
cg08383364	FANCA;FANCA	0.0190591	0.382757	0.84039	-1.18992	0.149402	0.740588	-1.35028	0.170752	0.753238	-1.3276	0.33142	0.730156	-1.36957	0.122101	0.722147	-1.38476	0.53346	1.13035	1.13035	0.00375116	2.1186	2.1186	0.569339	0.894291	-1.1182	0.121184	0.721472	-1.38605	3.71552	2.2209	0.531321	1
cg05658775	FANCA;FANCA	0.0422381	0.125732	0.77	-1.29851	0.0153167	0.158589	-6.30535	0.0153167	0.167365	-5.97393	0.437328	1.04047	1.04047	0.946568	1.02936	-1.03143	0.0095208	2.0598	2.0598	0.0013446	3.30248	3.30248	0.992285	1.0042	1.0042	0.976344	1.02984	1.02984	0.96074	2.76834	6.681496	1
cg27480179	FANCA;FANCD2	0.00035732	0.386848	0.848384	-1.17811	0.000801884	0.391428	2.55475	0.0129172	0.564361	-1.77191	0.644585	1.08992	1.08992	0.0154561	1.45256	1.45256	0.187942	1.32079	1.32079	0.0462195	1.78946	1.78946	0.471258	1.1455	1.1455	0.0309185	1.625189	1.59952	15.6808	8.53308	0.483709	1
cg03135531	FANCA;FANCD2	0.0774381	0.977438	1.00588	1.00588	0.0146306	0.146434	2.18434	0.0184744	0.794467	-1.25825	0.44953	0.905202	-1.10475	0.015075	0.727271	-1.37506	0.0423687	1.60706	1.60706	0.0127715	1.42287	1.42287	0.0418	1.64218	1.64218	0.0273132	1.4206	1.41132	4.12306	3.97199	1.158264	1
cg01776396	FANCB;MOSPD2;FANCB	0.01164995	0.0505055	2.07621	2.07621	0.0790442	0.527736	-1.89489	0.651464	0.861524	-1.16073	0.0287891	0.429486	-2.32837	0.000615591	0.17757	-5.63157	0.174145	0.625593	-1.60619	0.93784	1.02589	1.02589	0.40932	1.25818	1.25818	0.124975	1.580218	1.72349	5.62729	0.57491	1.51246	1
cg14115740	FANCC	6.60E-05	0.00218378	1.65794	1.65794	1.49E-05	0.347443	-2.87817	0.517406	0.925703	-1.08026	0.140955	1.20474	1.20474	0.0174951	1.69002	1.69002	0.767286	0.965695	-1.03552	0.8E-05	2.13104	2.13104	0.00361257	1.58939	1.58939	0.0565775	1.775787	1.28901	24.7241	5.42017	0.194789	1
cg01245423	FANCC	0.00017639	0.0021537	1.79881	1.79881	0.0001455	0.139799	3.18399	0.69784	1.04525	-1.04525	0.0682434	0.991701	1.48811	0.28602	1.40942	-1.16225	0.277405	1.1367	1.1367	0.0458473	1.45238	1.45238	0.0210967	1.36367	1.36367	0.0259859	1.54407	1.48489	1.91675	4.26482	1.36417	1
cg02466740	FANCC	0.00160193	0.120827	0.828409	-1.20701	0.0158	0.718289	-1.3922	0.79117	0.970741	-1.03014	0.793307	0.971044	-1.02982	0.771502	1.03312	1.03312	0.716287	1.04169	1.04169	3.31E-05	2.46336	2.46336	0.234481	0.869835	-1.14964	0.781508	0.969367	-1.0316	10.2829	2.03915	0.176272	1
cg14129226	FANCC	0.00000202	0.408967	1.14871	1.14871	0.237887	0.2503	1.2503	0.0970924	0.35044	-1.35044	0.0317573	0.151172	1.64523	0.0048353	1.11943	1.11943	0.543218	1.08189	1.08189	0.4984511	1.13245	1.13245	0.0010888	1.32644	1.32644	0.0010888	1.32644	1.32644	0.0010888	1.32644	1.36335	9.61486	41.1544	3.379405	1
cg21891967	FANCC	0.00205225	0.583969	1.1276	1.1276	0.586603	0.628871	-1.59015	0.230463	1.34147	1.31417	0.318771	1.46282	1.46282	0.189546	1.35601	1.35601	0.314447	1.25346	1.25346	0.0025899	2.47467	2.47467	0.793589	0.944645	-1.0586	0.0001444402	0.241306	0.164412	0.56968	2.14774	0.663925	1
cg14633742	FANCC	0.0036412	0.011548	0.274616	-3.64145	0.00542218	0.223726	-4.46975	0.0015683	0.155884	-6.41504	0.798557	0.900647	-1.11031	0.0044028	0.211063	-4.73792	0.00657622	0.235961	-4.23799	0.00104493	0.137339	-7.28125	0.0137643	0.287639	-3.47658	0.09516	0.472244	-2.11755	8.07753	21.418	2.35694	1
cg20107278	FANCC	0.0153342	0.0185009	0.765021	-1.30715	0.0178754	0.29	-3.4965	0.0178754	0.0972208	-10.2839	0.0001413	0.0043349	0.249574	1.07E-05	0.0122308	-8.17604	0.387974	1.35174	1.35174	0.0496425	1.91943	1.91943	0.132245	1.13245	1.13245	0.0010888	1.32644	1.32644	0.0010888	1.32644	1.36335	9.61486	41.1544	3.379405	1
cg13633659	FANCC	0.01111794	0.0031031	0.318355	-3.14115	0.0394385	0.75217	-1.75217	0.76839	0.932844	-1.07199	0.0778381	0.630451	-1.58617	0.0193305	0.570493	-1.75287	0.356456	0.799891	-1.25017	0.157664	1.42714	1.42714	0.124206	0.675776	-1.47978	0.0614604	0.608974	-1.64211	5.7027	0.550032	0.780187	1
cg14585550	FANCC	0.021986	0.104641	0.685061	-1.45961	0.0179651	0.0965	-10.3665	0.0537252	0.0972	-10.2839	0.0001413	0.043902	0.249574	1.07E-05	0.0122308	-8.17604	0.213564	1.47401	1.47401	0.0001	2.7914	2.7914	0.0802725	1.33333	1.33333	0.444061	0.781611	1.33333	1.33333	0.444061	0.781611	1.33333	1.33333	0.444061	0.781611	0.577424	1
cg13792694	FANCC	0.029431	0.30683	1.86034	1.86034	0.0136746	0.98564	-1.98564	0.0312444	0.440623	4.40623	0.248512	0.20955	2.02955	0.0113255	0.155557	-6.42852	0.329456	2.11258	2.11258	0.0429383	3.92335	3.92335	0.808744	1.15291	1.15291	0.38233	1.691615	1.69165	1.41458	2.42366	4.84706	1
cg27328926	FANCD2;CDEC;FANCD2	0.0126255	0.00979145	0.408679	-2.44756	0.0107958	0.413147	1.82947	0.182725	1.30167	1.30167	0.0914	0.140513	1.69153	0.0013577	1.01113	1.01113	0.0127357	1.20479	1.20479	0.0114379	1.31958	1.31958	0.0120988	1.01956	1.01956	0.719951	0.993075	-1.00943	9.42127	3.71866	0.48945	1
cg16771862	FANCD2;FANCD2	0.00448948	0.0233341	0.631746	-1.58295	0.208254	1.2521	1.2521	0.0021	0.10021	0.00881833	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg19476342	FANCD2;FANCD2;C3orf24	0.00786283	0.0012256	0.235477	-4.24671	0.253905	0.694657	-1.43956	0.21229	0.669148	-1.49444	0.82618	1.06957	1.06957	0.00208592	0.265916	-3.76058	0.29412	0.716941	-1.39481	0.274923	1.41533	1.41533	0.0361099	2.10709	2.10709	0.883607	1.04581	1.04581	0.37875	9.44703	1.31646	1
cg02579736	FANCD2;FANCD2;CDEC	0.00041363	0.00031565	0.180054	-5.55497	0.164457	0.1687	-5.9273	0.0001	0.0001	0.0001	0.0001	0.0001	0.00068517	0.267469	-3.73774	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
	FANCD2;FANCD2;CDEC;FANCD2																																					
cg24122347	CD2	0.0142746	0.0247554	1.69718	1.69718	0.0385685	1.46081	1.46081	0.0166663	1.78324	1.78324	0.0631594	0.727318	-1.37491	0.0630993	0.661209	-1.51238	0.0126498	0.541514	-1.84667	0.105977	1.41832	1.41832	0.578874	0.894985	-1.11734	0.286708	1.24474	1.24474	7.26353	1.2612	0.551296	1
cg08672025	FANCE	0.00859894	0.0885857	1.49027	1.49027	0.010743	0.506246	-1.97532	0.576	1.12748	1.12748	0.0631391	0.641551	-1.55872	0.00133527	0.371417	-2.69239	0.600719	1.11868	1.11868	0.122787	1.42631	1.42631	0.170621	0.733538	-1.36326	0.0365294	1.596863	-1.67543	6.12994	4.37848	0.634914	1
cg09490277	FANCE	0.00934391	0.0092136	0.304299	-3.28624	0.0990929	1.91693	1.91693	0.233752	0.640426	-1.56146	0.0416601	1.336401	-2.97264	0.0015445	0.194189	-5.14963	0.189695	0.606564	-1.64863	0.0320057	1.45428	1.45428	0.0225811	0.374257	-2.67196	0.0470015	0.441122	-2.26442	0.0220697	12.3904	1.82347	1
cg00307057	FANCE	0.00222621	0.0209437	0.739283	-1.35281	0.0265	0.445345	-2.26097	0.210511	0.705858	-1.41709	0.0178	0.534439	-1.87126	0.000842	0.0986353	-10.1425	0.429277	0.702455	-1.42387	0.0168	2.43937	2.43937	0.0001	1.58704	1.58704	0.0001	2.52742	2.43712	21.8526	1.55064	2.40712	0.392659	1
cg05261496	FANCE;FANCE	0.00556025	0.00274282	0.593376	-1.67961	0.928542	0.988811	-1.01132	0.75956	1.03926	1.03926	0.146612	0.822465	-1.21586	0.04014	0.742687	-1.34646	0.000320097	0.481602	-2.0764	0.322851	1.13667	1.13667	0.383191	1.11871	1.11871	0.67308	1.05468	1.05468	7.10375	1.77048	0.22154	1
cg14814536	FANCE	0.0035024	0.359024	0.763925	-1.30901	0.376343	1.29591	1.29591	0.00750231	0.374332	-2.67143	0.401928	1.23842	1.23842	0.000163481	0.158496	-6.31267	0.92603	1.02666	1.02666	0.0775256	1.35695	1.35695	-1.36372	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg03794550	FANCF	0.00474495	0.0562826	0.754215	-1.32588	0.0303652	1.39396	1.39396	0.184576	1.20159	1.20159	0.040396	0.922303	-1.08424	0.0020489	0.567112	-1.76332	0.347242	0.881375	-1.13459	0.00129315	0.0464445	-21.5311	0.00768373	0.106157	-9.42002	0.0682071	0.262634	-3.80758	0.05174	41.0872	6.03496	1
cg08585315	FANCF	0.0107097	0.914762	1.07652	1.07652	0.164457	0.1687	-5.9273	0.0001	0.0001	0.0001	0.0001	0.0001	0.00068517	0.267469	-3.73774	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg06387204	FANCF	0.0154748	0.829911	0.954715	-1.04743	0.0204543	0.82523	1.82523	0.0642471	1.56505	1.56505	0.551281	1.1387	1.1387	0.106404	0.683991	-1.46201	0.335792	0.807503	-1.23839	0.655481	0.907794	-1.10157	0.00126831	0.363089	-2.75415	0.580551	1.12776	1.12776	5.21753	3.76857	0.653306	1
cg24107988	FANCF	0.0375643	0.0105446	1.41094	1.41094	0.0754247	0.24456	-4.24456	0.0105446	0.0972	-10.2839	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg00908551	FANCF	0.0412708	0.985677	1.00214	1.00214	0.173105	1.18815	1.18815	0.317174	1.13085	1.13085	0.705849	0.955909	-1.04613	0.189262	1.17984	1.17984	0.167518	0.839493	-1.1912	0.00644077	0.656147	-1.52405	0.136821	1.20996	1.20996	0.0418662	1.32169	1.32169	3.64087	0.815487	0.199095	1
cg12688788	FANCF;FANCF	0.0104158	0.582149	0.877409	-1.13972	0.0498935	0.417065	-2.39771	0.000785666	0.302814	-3.30236	0.659117	1.11013	1.11013	0.0411192	0.404216	-2.47393	0.149346	0.605002	-1.43885	0.679167	0.790764	-1.10283	0.179832	0.715157	-1.39827	0.185313	0.718522	-1.39175	5.83039	5.11393	0.779659	1
cg05576599	FANCG	0.00154769	0.0812207	1.24937	1.24937	0.0135481	0.40585	-2.46585	0.154802	0.72211	-1.38479	0.0164404	0.20514	-4.87599	0.00842	0.12355	-8.09653	0.028163	1.48794	1.48794	0.0040522	2.60715	2.60715	0.0004722	1.40715	1.40715	0.0004722	1.42215	1.42215	10.3855	4.8772	0.392659	1
cg19933726	FANCG	0.00492117	0.577562	0.921056

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17505155	FARP1;FARP1	0.0200836	0.344157	0.778439	-1.28462	0.731951	1.0924	1.0924	0.00138651	3.29173	3.29173	0.104287	1.57846	1.57846	0.280365	0.749444	-1.33432
cg13237343	FARP1;FARP1	0.0349222	0.738275	0.951989	-1.05043	0.0729296	0.745659	-1.34109	0.21787	0.826804	-1.20948	0.0499417	0.720336	-1.38824	0.0974773	1.30579	1.30579
cg00221494	FARP1;FARP1	0.0352998	0.1403	2.60429	2.60429	0.00488545	9.49397	9.49397	0.312591	1.87797	1.87797	0.150535	2.53368	2.53368	0.532825	0.683091	-1.46393
cg17653405	FARP1;FARP1	0.0375559	0.221649	0.848995	-1.17786	0.147845	1.21879	1.21879	0.00561035	1.58946	1.58946	0.498116	0.916086	-1.0916	0.372039	0.889769	-1.12389
cg09499379	FARP1;FARP1	0.0416682	0.851981	1.03789	1.03789	0.00674368	0.496877	-2.01257	0.017602	0.562639	-1.77734	0.270541	1.25663	1.25663	0.442523	0.855631	-1.16873
cg11675413	FARP1;FARP1;RNF113B	0.000551027	0.840228	0.964029	-1.03731	3.66E-05	0.236455	-4.22913	0.0592852	1.47172	1.47172	0.0307686	1.58476	1.58476	0.963613	0.991755	-1.00831
cg17585089	FARP1;FARP1;RNF113B	0.0247271	0.904761	1.01545	1.01545	0.0473781	1.33731	1.33731	0.089192	1.27145	1.27145	0.0360676	1.36667	1.36667	0.0432581	1.34702	1.34702
cg22651508	FARP1;FARP1;RNF113B	0.0471723	0.166034	1.2653	1.2653	0.744118	1.05356	1.05356	0.0786758	0.732622	-1.36496	0.680605	0.936186	-1.06816	0.00304413	1.90932	1.90932
cg04940655	FARP1;RNF113B;FARP1	0.00854737	0.0222801	1.6508	1.6508	0.00600243	0.518374	-1.92911	0.00219598	0.455768	-2.1941	0.0649385	1.46121	1.46121	0.281555	1.22727	1.22727
cg01725864	FARP1;RNF113B;FARP1	0.0367372	0.499481	0.872207	-1.14652	0.325584	1.22441	1.22441	0.618233	1.1054	1.1054	0.59433	1.11317	1.11317	0.00171986	0.409713	-2.44073
cg06559932	FARP1;RNF113B;FARP1;RNF113B	0.000834593	0.014395	0.552875	-1.80873	0.817319	1.04651	1.04651	0.0513148	0.646666	-1.54639	0.00194041	0.422583	-2.3664	0.00507424	0.482978	-2.07049
cg00707741	FARP2	0.00527376	0.0127382	1.55	1.55	0.0929889	1.29912	1.29912	0.0157674	1.52026	1.52026	0.00305477	1.77619	1.77619	0.830382	1.03084	1.03084
cg16844818	FARP2	0.0225473	0.804177	1.05778	1.05778	0.82549	0.951298	-1.0512	0.27364	0.772925	-1.29379	0.00171427	2.75121	2.75121	0.260355	0.766868	-1.30401
cg14187712	FARP2	0.0245032	0.539082	0.782024	-1.27873	0.00157226	0.149191	-6.70281	0.043411	0.391759	-2.55259	0.268339	0.632649	-1.58066	0.68762	1.17309	1.17309
cg04955912	FARP2	0.0353425	0.0400939	9.79898	9.79898	0.00837079	25.5646	25.5646	0.0372894	10.2333	10.2333	0.0733057	6.83049	6.83049	0.0522538	8.36463	8.36463
cg14684937	FARP2	0.0486293	0.441712	1.41177	1.41177	0.0521859	0.378769	-2.64013	0.233649	0.577584	-1.73135	0.702767	1.18357	1.18357	0.141352	0.498934	-2.00427
cg08200851	FARS2	0.00241755	0.0255204	0.548539	-1.82303	0.000229579	0.250463	-3.9926	0.627544	0.895272	-1.11698	0.539456	1.15093	1.15093	0.0176619	0.520469	-1.92135
cg26704043	FARS2	0.00349043	0.156451	0.808656	-1.23662	0.139261	0.800157	-1.24975	0.00949794	0.631053	-1.58465	0.0519803	0.733619	-1.36311	0.000634695	0.479357	-2.08613
cg06314883	FARS2	0.00647738	0.0081224	0.517556	-1.93216	0.00779148	0.514794	-1.94252	0.0028574	0.450339	-2.22055	0.480092	0.869778	-1.14972	0.00130673	0.402673	-2.4834
cg17301987	FARS2	0.00662595	0.422714	1.19567	1.19567	0.00924037	0.486273	-2.05646	0.00208238	0.388478	-2.57415	0.423598	1.19524	1.19524	0.25764	1.29406	1.29406
cg00418528	FARS2	0.00764018	0.889614	0.966862	-1.03427	0.000609901	0.277629	-3.60192	0.00388995	0.389307	-2.56866	0.977555	1.00685	1.00685	0.00610557	0.419556	-2.38347
cg15296299	FARS2	0.00878004	0.043355	0.462446	-2.16241	0.00925214	0.334103	-2.99309	0.000765564	0.184195	-5.42904	0.266003	0.680658	-1.46917	0.00340621	0.266839	-3.74758
cg21364607	FARS2	0.0157236	0.331767	0.891511	-1.12169	0.418867	0.909617	-1.09936	0.00366459	0.637238	-1.56927	0.0192342	0.722677	-1.38374	0.00153486	0.592855	-1.68675
cg17611046	FARS2	0.0167112	0.00925609	0.154894	-6.45602	0.0121228	0.171045	-5.84642	0.0115732	0.16817	-5.94637	0.0265263	0.22651	-4.41482	0.00807905	0.147255	-6.79096
cg18726664	FARS2	0.0183786	0.119495	0.487241	-2.05237	0.0240842	0.318231	-3.14237	0.292169	0.628048	-1.59223	0.330236	1.53357	1.53357	0.00353046	0.185757	-5.38339
cg19689330	FARS2	0.0211892	0.0234788	0.259529	-3.85314	0.314543	0.59548	-1.67932	0.0599428	0.347198	-2.8802	0.0191251	0.243324	-4.10974	0.141598	0.454852	-2.19852
cg08193821	FARS2	0.0221492	0.995539	0.99887	-1.00113	0.00624815	0.4864	-2.05592	0.808456	1.05034	1.05034	0.700501	0.924811	-1.0813	0.0329655	0.603873	-1.65598
cg02306493	FARSA	6.07E-05	0.00404161	0.269321	-3.71304	0.0312494	0.423709	-2.36011	0.293463	0.690547	-1.44813	0.0547844	0.477054	-2.0962	1.41E-05	0.0461647	-21.6616
cg04356631	FARSA	7.48E-05	0.506587	1.09856	1.09856	0.0218503	1.46789	1.46789	0.298157	1.16235	1.16235	0.0762942	0.759492	-1.31667	0.00294381	0.565743	-1.76759
cg19406106	FARSA	0.00198418	0.0202478	0.213072	-4.69325	0.00960504	0.163552	-6.11428	0.104788	0.375663	-2.66196	0.915776	1.06016	1.06016	0.00119267	0.0725651	-13.7807
cg12570309	FARSA	0.0317754	0.0284836	0.18213	-5.49058	0.0289789	0.183427	-5.45175	0.0409194	0.211322	-4.73212	0.31926	0.507602	-1.97005	0.00797775	0.106432	-9.39566
cg11897279	FARSA	0.0362924	0.00472667	0.550061	-1.81798	0.0541626	0.70606	-1.41631	0.962943	1.00743	1.00743	0.620649	1.0827	1.0827	0.199919	1.24068	1.24068
cg19696123	FARSB	3.20E-05	0.523108	0.813455	-1.22932	0.105991	1.7564	1.7564	0.321094	1.38686	1.38686	0.2493	1.46835	1.46835	1.67E-06	0.0216091	-46.2768
cg14449571	FARSB	0.0031979	0.60705	1.18446	1.18446	0.520825	0.808655	-1.23662	0.811262	0.924903	-1.08119	0.753147	1.10844	1.10844	4.36E-05	0.0796192	-12.5598
cg22279507	FARSB	0.00388093	0.0036129	0.246731	-4.05299	0.0689481	0.485248	-2.0608	0.533262	0.799164	-1.25131	0.00393776	0.252047	-3.96751	0.000364998	0.131478	-7.60581
cg24686224	FARSB	0.0231074	0.0156857	0.714755	-1.39908	0.784767	0.969436	-1.03153	0.925187	1.01071	1.01071	0.723875	1.04104	1.04104	0.104758	1.22267	1.22267
cg09169839	FARSB	0.0243183	0.0609727	0.684599	-1.46071	0.420339	0.86267	-1.15919	0.0306017	1.57747	1.57747	0.200169	1.27484	1.27484	0.710902	0.935381	-1.06908
cg20634234	FARSB	0.0300133	0.701728	1.08714	1.08714	0.00715177	2.12577	2.12577	0.262278	1.28891	1.28891	0.730597	0.927697	-1.07794	0.7002	0.919424	-1.08764
cg22936253	FAS;FAS;FAS;FAS;ACTA2;FAS;FAS;FAS	0.0164618	?	?	?	0.00950849	0.32726	-3.05568	0.0166969	0.370287	-2.70061	0.249869	1.50513	1.50513	0.811843	1.08446	1.08446
cg03111039	FAS;FAS;FAS;FAS;ACTA2;FAS;FAS;FAS	0.0190975	0.00540425	0.300034	-3.33296	0.66633	0.86708	-1.1533	0.125604	0.579866	-1.72454	0.0855265	0.535322	-1.86803	0.00801131	0.327216	-3.05608
cg14538439	FAS;FAS;FAS;FAS;ACTA2;FAS;FAS;FAS;FAS;FAS;FAS	0.00138468	0.000352612	0.426018	-2.34732	0.419638	1.13039	1.13039	0.967577	1.00606	1.00606	0.0762515	1.3407	1.3407	0.000242062	0.405589	-2.46555
cg26461637	FAS;FAS;FAS;FAS;ACTA2;FAS;FAS;FAS;FAS;FAS;FAS	0.00857699	0.0544447	0.745958	-1.34056	0.0210437	1.45171	1.45171	0.0948042	1.27965	1.27965	0.802999	0.966986	-1.03414	0.851237	0.9751	-1.02554
cg13456138	FAS;FAS;FAS;FAS;FAS;FAS;FAS	2.35E-05	4.81E-06	0.104369	-9.58135	0.0054013	0.453178	-2.20664	0.00660438	0.466656	-2.14291	4.82E-05	0.191451	-5.22326	1.44E-05	0.142155	-7.03456
cg03273183	FAS;FAS;FAS;FAS;FAS;FAS;FAS	2.60E-05	4.07E-05	0.293531	-3.4068	0.000165125	0.365963	-2.73252	6.61E-05	0.31802	-3.14445	0.0717688	0.729983	-1.36989	1.50E-05	0.24522	-4.07797
cg15774510	FAS;FAS;FAS;FAS;FAS;FAS;FAS;ACTA2	0.0033367	0.000599123	0.160174	-6.2432	0.0576859	0.476005	-2.10082	0.00405531	0.263265	-3.79846	0.053812	0.468948	-2.13243	0.000803372	0.173838	-5.7525
cg06450397	FAS;FAS;FAS;FAS;FAS;FAS;FAS;ACTA2	0.0103304	0.713758	1.13452	1.13452	0.768585	0.903865	-1.10636	0.193211	0.623944	-1.60271	0.324206	0.705543	-1.41735	0.000122484	0.100609	-9.93946
cg16257983	FAS;FAS;FAS;FAS;FAS;FAS;FAS;ACTA2	0.0139257	0.00872422	0.307221	-3.25498	0.0943909	1.91438	1.91438	0.297872	0.683092	-1.46393	0.122422	0.553662	-1.80616	0.00545953	0.275056	-3.63562
cg04230403	FAS;FAS;FAS;FAS;FAS;FAS;FAS;ACTA2	0.0454786	0.680951	1.27384	1.27384	0.00493862	8.84284	8.84284	0.478561	0.655888	-1.52465	0.510711	1.47783	1.47783	0.961598	0.972206	-1.02859
cg00038446	FASLG	0.00780593	0.000448657	0.228729	-4.37199	0.0027049	0.331428	-3.01725	0.106533	0.625201	-1.59949	0.904479	0.968511	-1.03251	0.221802	0.710183	-1.40809
cg00071250	FASLG;FASLG	0.00224004	0.000527313	0.31183	-3.20688	0.0701709	0.646093	-1.54776	0.0716944	0.647963	-1.5433	0.073308	0.649907	-1.53868	0.158014	0.722026	-1.38499
cg04683330	FASN	0.000292623	0.970254	0.990061	-1.01004	0.841391	1.05514	1.05514	0.00825632	0.404586	-2.47166	0.563971	0.855346	-1.16912	0.00164887	0.29915	-3.3428
cg06875616	FASN	0.000571343	0.166407	0.807251	-1.23877	0.784465	1.04059	1.04059	0.0151681	0.648638	-1.54169	0.953579	0.991588	-1.00848	5.94E-05	0.340344	-2.9382
cg09819958	FASN	0.000934651	0.0023603	0.415528	-2.40658	0.866268	1.03551	1.03551	0.00201941	0.405875	-2.46381	2.83E-05	0.181852	-5.49898	0.325505	0.810429	-1.23392
cg15729979	FASN	0.0012283	0.738772	1.04383	1.04383	0.0473352	0.747634	-1.33755	0.0352262	0.730243	-1.36941	0.0373944	1.3629	1.3629	0.323681	0.877523	-1.13957
cg25825740	FASN	0.00401572	0.265191	1.14585	1.14585	0.125244	0.823195	-1.21478	0.212962	1.16625	1.16625	0.943214	1.00839	1.00839	0.00405185	0.636039	-1.57223
cg06906087	FASN	0.00574822	0.763439	1.10568	1.10568	0.0151553	2.69932	2.69932	0.504009	1.25317	1.25317	0.190029	1.58714	1.58714	0.625229	0.848881	-1.17802
cg23355636	FASN	0.0143179	0.224616	0.841958	-1.18771	0.000755138	0.502136	-1.99149	0.0768451	0.766928	-1.3039	0.817618	0.969328	-1.03164	0.129188	1.24746	1.24746
cg27460534	FASN	0.0151526	0.0895454	0.550191	-1.81755	0.200451	0.649429	-1.53982	0.0296869	0.441784	-2.26355	0.40598	1.31176	1.31176	0.00594666	0.317226	-3.15233
cg15818577	FASN	0.017357	0.305155	1.3003	1.3003	0.949668	1.01573	1.01573	0.00371525	0.379348	-2.6361	0.00614925	0.41315	-2.42043	0.0439676	0.56413	-1.77264
cg25068915	FASN	0.0345261	0.386585	1.15387	1.15387	0.00103227	2.19006	2.19006	0.191779	1.24961	1.24961	0.0213366	1.56222	1.56222	0.582287	1.09371	1.09371
cg20482334	FASN	0.0440643	0.552288	1.20927	1.20927	0.93961	1.02423	1.02423	0.725031	0.894397	-1.11807	0.00513361	0.310914	-3.21632	0.155085	1.61747	1.61747
cg23890876	FASN	0.0440967	0.50798	1.11887	1.11887	0.860962	0.971106	-1.02975	0.245572	0.816186	-1.22521	0.0556334	1.43721	1.43721	0.893479	1.02266	1.02266
cg23244421	FASN;FASN	0.00116416	0.0817788	1.17621	1.17621	0.0451657	1.21335	1.21335	0.000552113	1.57025	1.57025	0.366851	1.08113	1.08113	0.00930418	1.32	1.32
cg02086046	FASTK;FASTK	0.00209351	0.377284	1.20052	1.20052	0.226896	0.774204	-1.29165	0.958161	1.01064	1.01064	0.232561	1.28727	1.28727	6.28E-05	0.226144	-4.42195
cg18443486	FASTK;FASTK	0.0111074	0.624923	1.0907	1.0907	0.0120196	0.575788	-1.73675	0.468902	0.878228	-1.13866	0.00281583	0.484264	-2.06499	0.0027434	0.48268	-2.07177
cg06807926	FASTK;FASTK	0.0193691	0.370112	1.16488	1.16488	0.050344	0.690797	-1.4476	0.0351955	1.50199	1.50199	0.0597397	1.42231	1.42231	0.00735892	0.563957	-1.77319
cg09171577	FASTK;FASTK	0.0384694	0.118359	1.38876	1.38876	0.740554	0.937664	-1.06648	0.078918	1.45922	1.45922	0.0393147	0.630119	-1.587	0.761112	0.942648	-1.06084
cg09594696	FASTK;FASTK;FASTK;FASTK	0.0440819	0.906077	1.02	1.02	0.0264353	0.642972	-1.55528	0.195207	0.794607	-1.25848	0.285149	0.830028	-1.20478	0.0935346	0.733801	-1.36277
cg11082959	FASTK;TMUB1;TMUB1;FASTK	0.000654145	0.257872	1.11962	1.11962	0.0128001	1.35583	1.35583	0.704847	1.03687	1.03687	0.000239694	1.87653	1.87653	0.158601	1.15577	1.15577
cg14323210	FASTK;TMUB1;TMUB1;FASTK	0.000785263	0.0763708	1.46634	1.46634	0.442798	1.16408	1.16408	9.17E-05	3.8827	3.8827	0.00284105	2.22042	2.22042	0.100316	0.705014	-1.41841
cg18068487	FASTK;TMUB1;TMUB1;FASTK	0.00704917	0.435489	0.915942	-1.09177	0.227477	0.86952	-1.15006	0.536232	0.933215	-1.07156	0.000902386	1.72996	1.72996	0.14936	1.18603	1.18603
cg03930004	FASTK;TMUB1;TMUB1;FASTK	0.0147917	0.332906	1.1997	1.1997	0.685614	1.07701	1.07701	0.0141739	1.73619	1.73619	0.00649611	1.9057	1.9057	0.31379	0.827039	-1.20913
cg01139039	FASTK;TMUB1;TMUB1;FASTK	0.0290882	0.151247	1.45955	1.45955	0.512482	1.17743	1.17743	0.00729104	2.3416	2.3416	0.0067215	2.37306	2.37306	0.149686	1.46196	1.46196
cg12163448	FASTKD1	0.000327774	0.443311	0.93966	-1.06421	5.66E-05	1.81379	1.81379	0.511962	1.05439	1.05439	0.00378203	0.732631	-1.36494	5.61E-05	1.81518	1.81518
cg09350387	FASTKD1	0.00206248	0.598504	1.18024	1.18024	0.346705	0.739186	-1.35284	0.609818	1.17412	1.17412	0.36767	1.33455	1.33455	0.0585541	0.513521	-1.94734
cg23928435	FASTKD1	0.0252452	0.487738	0.783478	-1.27636	0.837989	1.07343	1.07343	0.528718	1.2472	1.2472	0.0240524	0.39398	-2.5382	0.0405177	0.44096	-2.26778
cg04640314	FASTKD1;FASTKD1	0.00745447	0.457033	1.11765	1.11765	0.87666	1.02307	1.02307	0.00505012	1.72371	1.72371	0.0723153	1.34247	1.34247	0.000790495	0.47486	-2.10588
cg01820106	FASTKD2;FASTKD2;FASTKD2	0.00837474	0.315697	0.85119	-1.17483	0.476138	0.893572	-1.1191	0.522209	1.10598	1.10598	0.247863	0.828922	-1.20639	0.000821123	0.45705	-2.18794
cg00026458	FASTKD2;FASTKD2;FASTKD2	0.0472799	0.032907	0.186633	-5.35812	0.030908	0.18179	-5.50085	0.191479	0.394409	-2.53544	0.5193	1.55193	1.55193	0.712938	0.779887	-1.28224
cg06913508	FASTKD2;FASTKD2;FASTKD2;FASTKD2;MDH1B;FASTKD2;FASTKD2	0.029052	0.0014579	0.592569	-1.68757	0.818267	1.02654	1.02654	0.304687	0.886042	-1.12861	0.232646	0.867218	-1.15311	0.333011	0.892557	-1.12038
cg20800597	FASTKD2;MDH1B;FASTKD2;FASTKD2	0.00276896	0.00455628	1.51989	1.51989	0.199287	1.16215	1.16215	0.516837	0.929765	-1.07554	0.0233562	0.74065	-1.35017	0.0013082	0.595425	-1.67947
cg01399068	FASTKD2;MDH1B;MDH1B;FASTKD2;FASTKD2	0.0245012	0.950942	0.987346	-1.01282	0.259235	1.27584	1.27584	0.473187	1.16299	1.16299	0.11366	0.700294	-1.42797	0.00162389	0.392673	-2.54665
cg05495391	FASTKD3	0.011708	0.0101135	0.234292	-4.26817	0.0078906	0.217805	-4.59125	0.0161815	0.268293	-3.72727	0.397189	0.678599	-1.47363	0.00211297	0.144712	-6.91027
cg07323055	FASTKD5;UBOX5;UBOX5	0.0232036	0.0141218	1.47425	1.47425	0.0156406	0.684017	-1.46195	0.0255017	0.711653	-1.40518	0.249859	1.16662	1.16662	0.1955	1.19178	1.19178
cg27552039	FASTKD5;UBOX5;UBOX5	0.0379601	0.0761339	0.700133	-1.4283	0.84275	1.03653	1.03653	0.0510793	0.669419	-1.49383	0.478526	1.139	1.139	0.90516	0.978699	-1.02176
cg19428336	FAT1	0.000101987	0.00645083	0.759646	-1.3164	2.25E-05	0.517191	-1.93352	0.000384872	1.5522	1.5522	0.000495517	0.654997	-1.52672	0.654651	1.03556	1.03556
cg24997677	FAT1	0.000161286	0.104626	1.2383	1.2383	0.170814	1.19213	1.19213	0.235507	0.86087	-1.16162	1.00E-05	0.319022	-3.13458	0.264115	0.869129	-1.15058
ch.4.3470285F	FAT1	0.000368175	0.0547372	0.493788	-2.02516	3.74E-06	0.0301646	-33.1515	0.0679518	0.51577	-1.93885	0.646221	1.16147	1.16147	0.4129	1.31142	1.31142
cg25352342	FAT1	0.000568873	0.239739	1.16955	1.16955	0.00114334	0.544187	-1.8376	0.00633716	0.636233	-1.57175	0.34874	0.884498	-1.13058	0.762599	1.0393	1.0393
cg00405769	FAT1	0.00131324	0.00018228	2.91343	2.91343	0.00182672	0.473162	-2.11344	0.0844362	0.724343	-1.38056	0.194867	1.26071	1.26071	0.134926	0.761627	-1.31298
cg04697056	FAT1	0.00132038	0.00157121	0.269346	-3.7127	0.00896381	2.61205	2.61205	0.0409925	0.505978	-1.97637	0.00353633	0.319121	-3.1336	0.0070534	0.365691	-2.73455
cg19037143	FAT1	0.00154963	0.733529	1.07208	1.07208	0.253387	1.27504	1.27504	0.687256	0.92087	-1.08593	0.621351	0.903556	-1.10674	0.740205	1.07013	1.07013
cg25124956	FAT1	0.00160494	0.489959	0.905597	-1.10424	0.803525	1.03588	1.03588	0.00197015	0.538811	-1.85594	0.636088	0.934824	-1.06972	8.41E-05	0.367816	-2.71875
cg16961623	FAT1	0.00175742	0.407988	0.823952	-1.21366	0.0198246	1.90329	1.90329	0.927599	1.02101	1.02101	0.846942	0.95675	-1.04521	4.80E-05	0.173654	-5.75858
cg18894054	FAT1	0.00177072	0.83829	0.979146	-1.0213	0.105177	0.833111	-1.20032	0.369011	1.09983	1.09983	0.0825492	0.820117	-1.21934	0.154409	1.17025	1.17025
cg02998591	FAT1	0.00193428	?	?	?	0.000500463	2.23988	2.23988	0.124969	1.25995	1.25995	0.0121658	0.640861	-1.5604	0.0138019	0.648712	-1.54152
cg01040779	FAT1	0.00198095	0.605954	1.09655	1.09655	0.000187425	0.327421	-3.05417	0.00389474	0.502356	-1.99062	0.977431	1.00502	1.00502	0.0661264	1.44069	1.44069
cg09845184	FAT1	0.00255075	0.00230777	0.582093	-1.71794	0.0721871	1.29048	1.29048	0.0785721	0.780132	-1.28183	0.00109568	0.542295	-1.84402	0.00100288	0.537581	-1.86018
cg17291613	FAT1	0.00316016	0.0765202	0.758508	-1.31838	0.00256509	1.79793	1.79793	0.418046	1.1231	1.1231	0.273225	0.852175	-1.17347	0.0163619	1.50938	1.50938
cg01483139	FAT1	0.00326487	0.00188929	0.550235	-1.8174	0.00203358	0.554285	-1.80413	0.00555574	0.61009	-1.6391	0.257892	0.852019	-1.17368	0.989205	1.00184	1.00184
cg03064793	FAT1	0.00344118	0.725058	1.07954	1.07954	0.000247841	0.269456	-3.71118	0.00375711	0.428323	-2.33469	0.315101	1.25252	1.25252	0.0941551	1.49017	1.49017
cg24820270	FAT1	0.00368372	0.433658	0.818948	-1.22108	0.00120689	0.305679	-3.27141	0.00083237	0.28433	-3.51704	0.853251	1.04738	1.04738	0.363931	1.2627	1.2627
cg26708724	FAT1	0.00372555	0.00319554	0.634578	-1.57585	0.0724133	1.25421	1.25421	0.101181	0.816443	-1.22483	0.374644	1.10844	1.10844	0.11628	0.824616	-1.21269
cg05723219	FAT1	0.00401778	0.386825	0.860884	-1.1616	0.0183198	0.616656	-1.62165	0.00137947	0.456861	-2.18885	0.543779	0.901436	-1.10934	0.000438091	0.391367	-2.55515
cg06695338	FAT1	0.00450979	0.182917	1.24003	1.24003	0.341753	1.16081	1.16081	0.990929	0.998271	-1.00173	0.000378108	0.421167	-2.37436	0.461822	1.12079	1.12079
cg05333968	FAT1	0.00546106	0.6915	1.06459	1.06459	0.00280721	1.90806	1.90806	0.0154351	0.627277	-1.59419	0.714334	0.943942	-1.05939	0.00912503	0.59467	-1.68161
cg18246991	FAT1	0.00679463	0.0269929	1.43335	1.43335	0.708296	0.949644	-1.05303	0.000847832	1.99281	1.99281	0.0189414	1.47796	1.47796	0.00164433	1.85819	1.85819
cg23413289	FAT1	0.00682285	0.0383822	0.703082	-1.42231	0.271295	0.845224	-1.18312	0.00283196	0.546841	-1.82868	0.211475	0.824252	-1.21322	0.0017502	0.519468	-1.92505
cg19800035	FAT1	0.00784541	0.00310545	0.245278	-4.07701	0.0320383	0.417879	-2.39304	0.500092	0.788369	-1.26844	0.0905862	0.523227	-1.91122	0.000445386	0.145869	-6.85547
cg01337940	FAT1	0.0091977	0.0069245	0.159993	-6.25026	0.00639065	0.15555	-6.42882	0.0030788	0.119481	-8.36955	0.0658637	0.338839	-2.95125	0.00322081	0.121494	-8.23087
cg04226903	FAT1	0.00963747	0.00271618	0.331802	-3.01384	0.938672	1.02071	1.02071	0.0229227	0.484299	-2.06484	0.866232	0.956076	-1.04594	0.044498	0.540764	-1.84924
cg15374133	FAT1	0.00964976	0.336161	1.25202	1.25202	0.00510491	2.31329	2.31329	0.220426	1.33909	1.33909	0.324661	1.25925	1.25925	0.105755	0.670007	-1.49252
cg08874747	FAT1	0.010126	0.674229	0.945676	-1.05744	0.111158	0.795111	-1.25769	0.00481311	1.63918	1.63918	0.243275	0.851029	-1.17505	0.0762087	1.29776	1.29776
cg25123881	FAT1	0.0106587	0.000537473	0.299193	-3.34232	0.220859	0.749452	-1.33431	0.872901	0.964759	-1.03653	0.712008	0.920266	-1.08664	0.106279	0.673499	-1.48478
cg24833566	FAT1	0.0114788	0.0235793	0.585385	-1.70828	0.13108	0.724056	-1.38111	0.18209	0.755398	-1.32381	0.333715	0.820797	-1.21833	0.134776	1.37623	1.37623
cg20931060	FAT1	0.0150596	0.108141	0.765702	-1.30599	0.573819	0.917087	-1.09041	0.130947	0.78006	-1.28195	0.350069	0.863731	-1.15777	0.0105562	0.612666	-1.63221
cg10935626	FAT1	0.015773	0.772337	1.10711	1.10711	0.0751309	0.499025	-2.00391	0.216932	0.634013	-1.57725	0.0849208	1.95077	1.95077	0.000923689	0.176288	-5.67255
cg10896676	FAT1	0.0159628	0.519871	1.12005	1.12005	0.571954	0.905509	-1.10435	0.0936352	0.725831	-1.37773	0.00111129	2.30474	2.30474	0.0522605	1.46766	1.46766
cg22243439	FAT1	0.0165188	0.359142	0.853723	-1.17134	0.0679241	0.709678	-1.40909	0.202901	1.2529	1.2529	0.448945	1.13817	1.13817	0.00048043	0.398995	-2.5063
cg21399040	FAT1	0.0177921	0.975371	1.00816	1.00816	0.00123101	0.288194	-3.46989	0.067348	0.582937	-1.71545	0.82201	1.06111	1.06111	0.061683	1.74032	1.74032
cg18260869	FAT1	0.0191253	0.931313	0.985037	-1.01519	0.0134691	0.585671	-1.70744	0.798603	1.04573	1.04573	0.213769	0.795382	-1.25726	0.568158	1.10615	1.10615
cg08288016	FAT1	0.0205424	0.863294	1.10772	1.10772	0.000280834	33.9778	33.9778	0.218679	2.15551	2.15551	0.453412	1.57366	1.57366	0.908872	1.07034	1.07034
cg11512859	FAT1	0.0221128	0.0913124	0.750331	-1.33274	0.00540744	1.7604	1.7604	0.00612473	1.73765	1.73765	0.0392847	1.44539	1.44539	0.873461	0.975681	-1.02492
cg17090401	FAT1	0.0350979	0.530923	1.20555	1.20555	0.294252	1.37766	1.37766	0.0558525	0.528347	-1.8927	0.409466	1.28202	1.28202	0.336493	0.746877	-1.33891
cg26982245	FAT1	0.0382452	0.273989	0.84557	-1.18263	0.54819	1.09367	1.09367	0.290198	0.850643	-1.17558	0.567404	0.918346	-1.08891	0.486667	1.10977	1.10977
cg08784334	FAT1	0.0404977	0.138358	1.40015	1.40015	0.189746	1.34046	1.34046	0.115791	1.43422	1.43422	0.284845	1.2641	1.2641	0.106928	1.4496	1.4496
cg21367866	FAT1	0.0421477	0.96841	0.982841	-1.01746	0.0635438	2.48866	2.48866	0.609914	1.25218	1.25218	0.884538	1.06557	1.06557	0.0139353	0.265141	-3.77158
cg08100122	FAT1	0.0441283	0.0808912	0.717194	-1.39432	0.550324	0.901422	-1.10936	0.0189502	0.613862	-1.62903	0.534769	0.897662	-1.114	0.0766125	0.713022	-1.40248
ch.4.3472400R	FAT1	0.0482454	0.00134611	0.14916	-6.70422	0.142679	0.525357	-1.90347	0.192892	0.569529	-1.75584	0.0338946	0.363573	-2.75048	0.612212	0.81153	-1.23224
cg17755082	FAT1	0.0489066	0.0103991	0.177435	-5.63585	0.0429708	0.287026	-3.484	0.857249	0.908018	-1.1013	0.152773	0.440147	-2.27197	0.00729174	0.156547	-6.38785
cg27475132	FAT1	0.0489924	0.430779	1.26503	1.26503	0.531578	0.830887	-1.20353	0.487055	0.813475	-1.22929	0.0812691	1.75948	1.75948	0.139153	1.59259	1.59259
cg05711042	FAT2	0.00312445	0.169165	0.764089	-1.30875	0.000983612	0.406597	-2.45944	0.004298	0.495878	-2.01662	0.64148	1.08996	1.08996	0.00126688	0.42145	-2.37276
cg26929280	FAT3	0.00132502	0.39463	0.898139	-1.11341	4.19E-05	0.382557	-2.61399	0.00156805	0.571364	-1.7502	0.962727	1.00577	1.00577	0.576603	0.932855	-1.07198
cg24168798	FAT3	0.00132951	0.86151	0.982434	-1.01788	0.000383739	0.56256	-1.77759	0.00458502	0.68179	-1.46673	0.0214263	0.755393	-1.32381	0.0374419	0.782641	-1.27772
cg08778805	FAT3	0.00292067	0.0705784	0.57682	-1.73364	0.0162227	0.449069	-2.22683	0.00225137	0.312142	-3.20367	0.536156	0.843178	-1.18599	0.000240706	0.191193	-5.2303
cg15653478	FAT3	0.00329113	0.00134969	0.166819	-5.99453	0.134987	0.538037	-1.85861	0.453327	0.745391	-1.34158	0.0338696	0.385634	-2.59313	8.98E-05	0.0675166	-14.8112
cg12156646	FAT3	0.00760284	0.00246174	1.57594	1.57594	0.000739279	0.574911	-1.7394	0.153247	0.847742	-1.1796	0.743962	1.03603	1.03603	0.920592	0.989288	-1.01083
cg11425977	FAT3	0.0119187	0.0685367	1.32968	1.32968	0.16659	1.22887	1.22887	0.440742	1.11613	1.11613	0.358725	0.876445	-1.14097	0.425052	1.12057	1.12057

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17505155	0.736089	0.916725	-1.09084	0.0377827	0.538363	-1.85748	0.188415	0.698926	-1.43077	0.320422	1.30198	1.30198	4.6979	4.91564	0.930088	1
cg13237343	0.698102	1.05886	1.05886	0.00861497	1.63478	1.63478	0.755701	1.04686	1.04686	0.0699328	0.742802	-1.34625	3.87025	1.31953	0.303059	1
cg00221494	0.0614953	3.56405	3.56405	0.147314	2.55521	2.55521	0.00990831	7.1401	7.1401	0.0224191	5.20848	5.20848	3.85521	22.2248	5.12433	1
cg17653405	0.39209	0.894281	-1.11822	0.0132446	0.676224	-1.4788	0.765046	0.962526	-1.03893	0.963598	1.00583	1.00583	3.7693	0.969461	0.228622	1
cg09499379	0.420705	0.848912	-1.17798	0.704692	0.926985	-1.07877	0.841401	1.0407	1.0407	0.0126658	0.539537	-1.85344	3.62797	2.27822	0.558185	1
cg11675413	0.34767	1.19183	1.19183	0.000446825	2.7325	2.7325	0.410373	1.16508	1.16508	0.474111	1.14125	1.14125	13.9099	7.25624	0.463698	1
cg17585089	0.0761855	1.28763	1.28763	0.000955735	1.87872	1.87872	0.988458	0.998148	-1.00186	0.288703	1.15156	1.15156	4.37389	1.13723	0.231114	1
cg22651508	0.206379	1.23655	1.23655	0.439542	0.881974	-1.13382	0.952604	0.990575	-1.00951	0.226973	0.81703	-1.22395	3.46363	1.39226	0.357303	1
cg04940655	0.503312	1.13234	1.13234	0.368256	1.18425	1.18425	0.685191	1.07743	1.07743	0.241409	1.25157	1.25157	6.21309	3.29502	0.471409	1
cg01725864	0.0485631	1.56738	1.56738	0.776613	0.944842	-1.05838	0.761067	1.06272	1.06272	0.195328	0.760955	-1.31414	3.79972	2.39405	0.560053	1
cg06559932	3.25E-05	0.204517	-4.88958	0.380905	0.838144	-1.19311	0.174067	1.32854	1.32854	0.00947322	0.524211	-1.90763	12.3836	7.56957	0.543341	1
cg00707741	0.112931	1.27673	1.27673	0.211041	0.829786	-1.20513	0.000963906	2.00557	2.00557	0.00675015	1.64421	1.64421	7.21995	2.29256	0.28225	1
cg16844818	0.138411	0.697204	-1.4343	0.161821	1.4018	1.4018	0.0201183	1.88494	1.88494	0.400228	1.21494	1.21494	4.51566	3.65603	0.719673	1
cg14187712	0.999831	0.999916	-1.00008	0.0970759	2.07332	2.07332	0.11584	1.98039	1.98039	0.643595	1.20209	1.20209	4.85978	11.7345	1.87803	1
cg04955912	0.0823884	6.36721	6.36721	0.0129209	19.4727	19.4727	0.0267079	12.5028	12.5028	0.0504182	8.54524	8.54524	3.85352	56.4924	13.0311	1
cg14684937	0.346913	0.653269	-1.53076	0.758208	0.873076	-1.14538	0.0048526	5.16493	5.16493	0.26119	1.67381	1.67381	3.42406	10.4792	2.7204	1
cg08200851	0.0104784	0.482413	-2.07291	0.00617622	0.445707	-2.24363	0.000907327	0.325364	-3.07348	0.311205	0.788938	-1.26753	9.12156	7.39602	0.720736	1
cg26704043	0.439347	0.895386	-1.11684	0.0557577	1.35481	1.35481	0.11832	1.26817	1.26817	0.0021213	0.545991	-1.83153	8.18051	2.54322	0.276345	1
cg06314883	0.0231005	0.589799	-1.69549	0.453004	1.16019	1.16019	0.765104	1.05997	1.05997	0.435804	0.856821	-1.16711	6.7767	4.05428	0.531794	1
cg17301987	0.00921368	2.05731	2.05731	0.019681	1.84938	1.84938	0.988897	0.996968	-1.00304	0.847899	1.04279	1.04279	6.72916	5.07529	0.670421	1
cg00418528	0.11253	0.657549	-1.5208	0.867176	0.960194	-1.04146	0.535886	1.16431	1.16431	0.0638685	0.603224	-1.65776	6.43654	6.00306	0.829025	1
cg15296299	0.845343	0.937237	-1.06697	0.925628	0.969486	-1.03147	0.466535	1.27881	1.27881	0.0983661	0.5479	-1.82515	6.16051	10.7485	1.55088	1
cg21364607	0.139297	0.833204	-1.20019	0.487156	0.922227	-1.08433	0.454106	1.09139	1.09139	0.569527	1.06814	1.06814	5.10044	1.06246	0.185163	1
cg17611046	0.215023	0.478551	-2.08964	0.0281617	0.231349	-4.32247	0.163529	0.43185	-2.31562	0.00855227	0.150413	-6.64838	4.99802	25.2407	4.48902	1
cg18726664	0.0882395	0.44907	-2.22682	0.0277015	3.02725	3.02725	0.951651	0.974524	-1.02614	0.0781523	0.434772	-2.30006	4.84109	13.8876	2.54996	1
cg19689330	0.299333	1.70938	1.70938	0.537951	0.732835	-1.36456	0.106108	0.414926	-2.41007	0.00135152	0.0982769	-10.1753	4.61288	18.1496	3.49738	1
cg08193821	0.191511	1.32268	1.32268	0.175877	1.33785	1.33785	0.00927737	1.94965	1.94965	0.451612	1.16778	1.16778	4.54339	2.94318	0.575817	1
cg02306493	0.0882291	1.89489	1.89489	7.14E-06	0.0343875	-29.0803	0.00104376	0.192268	-5.20108	0.000249933	0.128342	-7.79169	25.2888	46.2371	1.62521	1
cg04356631	1.77E-06	0.18954	-5.27592	0.00473957	1.68755	1.68755	0.11437	0.786977	-1.27068	0.802387	1.0356	1.0356	23.9218	7.37239	0.273944	1
cg19406106	0.11843	0.392133	-2.55016	0.000191647	0.0311213	-32.1323	0.00121445	0.073123	-13.6756	0.0178771	0.203993	-4.90213	9.66423	46.6838	4.29384	1
cg12570309	0.0511334	0.231491	-4.31982	0.0116426	0.125273	-7.98258	0.0200576	0.157522	-6.34832	0.181766	0.393072	-2.54407	4.00395	27.5197	6.10945	1
cg11897279	0.312373	0.846676	-1.18109	0.00916432	0.590345	-1.69393	0.243705	0.823442	-1.21441	0.578264	0.914444	-1.09356	3.8166	1.5332	0.357085	1
cg19696123	0.1334	0.596611	-1.67613	4.35E-05	0.0841892	-11.878	0.80569	0.924384	-1.0818	8.18E-05	0.103809	-9.63307	29.9571	48.2889	1.43283	1
cg14449571	0.0538079	0.489443	-2.04314	0.261815	1.46498	1.46498	0.471449	1.27003	1.27003	0.840614	0.936403	-1.06792	8.39709	14.1621	1.49915	1
cg22279507	0.0362168	0.420947	-2.3756	0.00177165	0.20565	-4.86262	0.251704	0.653488	-1.53025	0.271117	0.665615	-1.50237	7.92429	15.8411	1.77694	1
cg24686224	0.986994	1.00185	1.00185	0.00114657	0.581571	-1.71948	0.873417	1.01824	1.01824	0.514764	1.07778	1.07778	4.47766	0.911753	0.180998	1
cg09169839	0.00155845	0.442239	-2.26122	0.999955	1.00001	1.00001	0.552204	0.89771	-1.11394	0.557254	0.898968	-1.11239	4.39927	2.24318	0.453243	1
cg20634234	0.688428	0.9162	-1.09146	0.00473135	0.442754	-2.25859	0.11593	1.44918	1.44918	0.51681	1.1534	1.1534	4.08619	3.05095	0.663687	1
cg22936253	0.198897	1.58659	1.58659	0.405999	1.33517	1.33517	0.41406	1.3283	1.3283	0.00708072	0.306287	-3.26492	5.11724	8.32877	1.62759	1
cg03111039	0.700909	0.880835	-1.13529	0.0384469	0.454535	-2.20005	0.284963	1.44072	1.44072	0.00667175	0.314376	-3.1809	4.77878	8.18089	1.52171	1
cg14538439	0.291482	1.17668	1.17668	0.00503965	0.576176	-1.73558	0.305378	0.854058	-1.17088	0.159766	0.799885	-1.25018	10.7233	3.75231	0.31104	1
cg26461637	0.0766921	1.3027	1.3027	0.00064032	0.494641	-2.02167	0.774758	0.962199	-1.03929	0.845141	0.974078	-1.02661	6.2063	1.77311	0.253951	1
cg13456138	0.0235464	0.557377	-1.79412	5.29E-05	0.195576	-5.1131	0.325815	1.24517	1.24517	9.49E-05	0.222536	-4.49365	32.4723	24.0229	0.657598	1
cg03273183	0.0528116	0.708501	-1.41143	5.27E-05	0.306475	-3.26291	0.00857332	1.6904	1.6904	0.000168793	0.367137	-2.72378	31.6102	12.2711	0.345067	1
cg15774510	0.803514	1.09005	1.09005	0.00955567	0.321388	-3.11151	0.323287	0.702679	-1.42312	0.0106399	0.329281	-3.03692	8.29138	15.709	1.6841	1
cg06450397	0.857417	0.940251	-1.06355	0.900375	0.958002	-1.04384	0.736027	1.1229	1.1229	0.145532	0.585441	-1.70811	5.84942	10.8723	1.65218	1
cg16257983	0.529156	0.798388	-1.25252	0.00743096	0.295919	-3.3793	0.170521	1.67443	1.67443	0.175878	0.601525	-1.66244	5.30916	10.4882	1.75599	1
cg04230403	0.362693	1.72927	1.72927	0.49849	0.668795	-1.49523	0.00560788	8.40646	8.40646	0.635819	0.756335	-1.32217	3.51158	19.0614	4.82502	1
cg00038446	0.601603	1.15072	1.15072	0.969197	0.989762	-1.01034	0.789794	0.931269	-1.0738	0.0133466	0.441805	-2.26344	6.39332	7.19199	0.999931	1
cg00071250	0.00799919	0.480268	-2.08217	0.000200922	0.260181	-3.84348	0.641959	0.903898	-1.10632	0.00230973	0.399055	-2.50592	9.32791	6.87854	0.655481	1
cg04683330	2.01E-05	0.0991112	-10.0897	0.00012587	0.16717	-5.98195	0.29085	0.745552	-1.34129	0.00137579	0.288445	-3.46687	16.5626	18.8234	1.01023	1
cg06875616	0.000291436	0.424398	-2.35628	0.00021338	0.407591	-2.45344	0.0768735	0.751643	-1.33042	0.0565376	0.731061	-1.36788	13.7704	4.59243	0.296444	1
cg09819958	0.945958	1.01413	1.01413	0.484368	1.1585	1.1585	0.839882	1.04277	1.04277	0.0564376	0.639432	-1.56389	11.9939	8.14259	0.603461	1
cg15729979	5.93E-05	0.385876	-2.59151	0.145702	0.818549	-1.22167	0.179778	0.833088	-1.20035	0.000805005	0.52299	-1.91208	11.0977	2.88765	0.231292	1
cg25825740	0.154752	0.836467	-1.1955	0.000251939	2.0292	2.0292	0.508265	1.08187	1.08187	0.917091	0.987865	-1.01228	7.84321	1.70769	0.193537	1
cg06906087	0.00189147	0.230962	-4.32971	0.00157298	0.220674	-4.53157	0.372844	1.35593	1.35593	0.159906	0.606673	-1.64834	7.03148	12.3353	1.55937	1
cg23355636	0.218215	1.19085	1.19085	0.0946877	1.28109	1.28109	0.384113	1.12789	1.12789	0.442605	0.899803	-1.11135	5.26088	1.51542	0.256049	1
cg27460534	0.000925052	0.206156	-4.85069	0.0641872	0.514848	-1.94232	0.417733	0.767719	-1.30256	0.250521	0.681631	-1.46707	5.16337	8.33192	1.43436	1
cg15818577	0.268831	0.752165	-1.3295	0.694525	1.10253	1.10253	0.0584532	1.69679	1.69679	0.729403	0.917707	-1.08967	4.93502	4.77999	0.860965	1
cg25068915	0.343094	0.854278	-1.17058	0.276011	1.20048	1.20048	0.436498	1.13656	1.13656	0.370216	1.15996	1.15996	3.88624	1.60043	0.366062	1
cg20482334	0.0142636	0.384744	-2.59913	0.210276	1.51774	1.51774	0.365597	0.745443	-1.34148	0.854249	0.943542	-1.05984	3.55333	5.62056	1.40602	1
cg23890876	0.00651852	0.553645	-1.80621	0.0199975	1.59922	1.59922	0.929365	0.985282	-1.01494	0.966337	1.00708	1.00708	3.55235	1.57358	0.393751	1
cg23244421	0.00809573	1.33022	1.33022	0.000926922	0.659574	-1.51613	0.00392704	1.38621	1.38621	0.854166	1.0156	1.0156	11.2688	1.26374	0.0996846	1
cg02086046	0.00308024	0.441655	-2.26421	0.560851	1.12595	1.12595	0.524245	1.13904	1.13904	0.385554	1.19655	1.19655	9.51426	6.13156	0.572854	1
cg18443486	0.542816	1.11466	1.11466	0.060081	0.688152	-1.45317	0.0701062	0.699899	-1.42878	0.02062	0.611832	-1.63444	5.71459	2.81035	0.437142	1
cg06807926	0.600437	1.09159	1.09159	0.156515	0.777778	-1.28571	0.0457684	1.46187	1.46187	0.734798	0.94518	-1.058	4.756	2.0711	0.387085	1
cg09171577	0.812623	1.04707	1.04707	0.0339548	1.61528	1.61528	0.0841448	1.44792	1.44792	0.0116312	1.84208	1.84208	3.7363	2.22012	0.52818	1
cg09594696	0.760106	0.949906	-1.05274	0.0093048	0.574845	-1.7396	0.0589981	1.4302	1.4302	0.0744784	0.716435	-1.3958	3.5528	1.58451	0.396435	1
cg11082959	0.0825319	1.20415	1.20415	0.0182325	0.754978	-1.32454	0.0481427	1.24521	1.24521	3.96E-05	2.30538	2.30538	16.3615	2.29316	0.10901	1
cg14323210	0.427891	0.854578	-1.17017	0.647465	0.91449	-1.09351	0.00124374	0.400128	-2.4992	0.137757	1.36384	1.36384	12.5978	7.52076	0.530657	1
cg18068487	0.148015	0.842605	-1.1868	0.0189887	0.730937	-1.36811	0.157089	0.846207	-1.18174	0.0204554	1.36102	1.36102	6.60069	1.27312	0.171446	1
cg03930004	0.925627	0.983124	-1.01717	0.0543397	0.671659	-1.48885	0.353847	0.840392	-1.18992	0.00592779	1.92721	1.92721	5.20469	2.73909	0.467798	1
cg01139039	0.286038	1.31314	1.31314	0.677382	1.10835	1.10835	0.801764	1.06381	1.06381	0.00365474	2.62885	2.62885	4.13179	3.95609	0.85109	1
cg12163448	0.11324	1.14711	1.14711	0.710042	0.9707	-1.03018	0.754586	1.02528	1.02528	0.55416	1.0488	1.0488	16.0558	1.61231	0.0892611	1
cg09350387	0.0189999	0.412442	-2.42458	5.74E-05	0.0974984	-10.2566	0.16489	1.58734	1.58734	0.0908971	1.78755	1.78755	9.55581	14.7204	1.3693	1
cg23928435	0.013426	0.346601	-2.88516	0.00186502	0.217039	-4.60747	0.40289	0.743573	-1.34486	0.441078	0.761922	-1.31247	4.34246	8.23919	1.68654	1
cg04640314	0.133005	1.26873	1.26873	0.955252	0.991794	-1.00827	0.152958	0.798709	-1.25202	0.444669	1.12123	1.12123	6.48637	2.21526	0.303578	1
cg01820106	0.614689	0.924195	-1.08202	0.00260755	1.91103	1.91103	0.724287	0.946481	-1.05655	0.127029	0.773898	-1.29216	6.25327	2.38893	0.339581	1
cg00026458	0.177702	0.381496	-2.62126	0.0159845	0.137464	-7.27463	0.971126	0.975943	-1.02465	0.00870928	0.105516	-9.47724	3.46066	24.8072	6.37185	1
cg06913508	0.0873027	0.806642	-1.23971	0.0519291	0.777455	-1.28625	0.184441	1.17379	1.17379	0.330122	1.12119	1.12119	4.13361	0.848197	0.182396	1
cg20800597	0.102527	1.21891	1.21891	0.120538	0.829796	-1.20511	0.687928	1.04576	1.04576	0.00410231	1.53213	1.53213	8.76382	1.70405	0.172837	1
cg01399068	0.0359591	0.603514	-1.65696	0.025822	0.578236	-1.7294	0.636016	0.906038	-1.10371	0.75982	1.06552	1.06552	4.38785	2.97695	0.603069	1
cg05495391	0.0355516	0.334752	-2.98729	0.00788491	0.217759	-4.59223	0.932917	0.963048	-1.03837	0.128267	0.479356	-2.08613	5.61819	17.7976	2.81586	1
cg07323055	0.94514	1.00886	1.00886	0.389573	1.11962	1.11962	0.28047	0.86609	-1.15461	0.0780444	1.2852	1.2852	4.47125	1.16296	0.231197	1
cg27552039	0.212944	1.26737	1.26737	0.0080023	0.54122	-1.84768	0.917732	0.981509	-1.01884	0.0310991	1.57945	1.57945	3.75458	1.94035	0.459375	1
cg19428336	0.0217214	0.807487	-1.23841	0.890529	0.98937	-1.01074	0.0561355	1.18279	1.18279	0.00636331	1.31734	1.31734	22.0243	2.10089	0.0847908	1
cg24997677	5.06E-05	0.400327	-2.49796	0.418076	1.10485	1.10485	0.947712	1.00793	1.00793	0.15418	1.20179	1.20179	19.4721	4.47797	0.204416	1
ch.4.3470285F	0.958356	1.01705	1.01705	0.0559019	0.495884	-2.0166	0.628075	0.853766	-1.17128	0.533038	1.22689	1.22689	15.5513	25.8334	1.4766	1
cg25352342	0.343717	0.883295	-1.13212	6.71E-05	2.5322	2.5322	0.841661	1.02577	1.02577	0.00487878	0.622047	-1.60759	13.787	3.53455	0.227882	1
cg00405769	0.419254	1.14963	1.14963	0.0351905	1.51362	1.51362	0.599621	0.914391	-1.09362	0.0189271	0.61865	-1.61642	10.8874	4.92235	0.401878	1
cg04697056	0.0485232	0.52152	-1.91747	0.000578921	0.214865	-4.65409	0.620188	0.86562	-1.15524	0.0065306	0.360292	-2.77553	10.8705	14.3659	1.1747	1
cg19037143	0.12633	0.713992	-1.40058	1.55E-05	0.161906	-6.17644	0.768881	0.941747	-1.06186	0.619253	0.902996	-1.10742	10.3818	6.82216	0.584114	1
cg25124956	0.0856357	1.30818	1.30818	0.327442	1.15366	1.15366	0.0447355	1.38514	1.38514	0.134937	0.796222	-1.25593	10.2773	3.25437	0.281473	1
cg16961623	0.37831	1.22975	1.22975	0.15631	1.41476	1.41476	0.159726	1.4102	1.4102	0.0610267	0.616901	-1.62101	10.011	8.29982	0.736949	1
cg18894054	8.09E-05	2.08217	2.08217	0.0167116	0.739874	-1.35158	0.0460083	0.789912	-1.26596	0.203022	1.14865	1.14865	9.98916	1.6827	0.149736	1
cg02998591	0.3011	0.862384	-1.15958	0.00326656	1.78566	1.78566	0.197523	0.827938	-1.20782	0.54917	0.919939	-1.08703	11.8601	3.08727	0.227769	1
cg01040779	0.911818	1.01982	1.01982	0.00609782	1.88538	1.88538	0.698599	0.933401	-1.07135	0.0979339	0.725003	-1.3793	9.66882	4.80448	0.441693	1
cg09845184	0.180861	0.834807	-1.19788	0.794909	0.967436	-1.03366	0.0257026	0.714117	-1.40033	0.00644891	0.63751	-1.5686	8.97875	2.29663	0.227365	1
cg17291613	0.0762435	1.3188	1.3188	0.000333855	2.25226	2.25226	0.619557	1.07273	1.07273	0.17645	0.817425	-1.22335	8.42683	2.6265	0.277051	1
cg01483139	0.584066	0.927751	-1.07788	0.00486764	0.602686	-1.65924	0.310903	1.15283	1.15283	0.00161512	0.541623	-1.8463	8.34539	2.43194	0.259032	1
cg03064793	0.301871	1.26092	1.26092	0.0724008	1.54427	1.54427	0.389485	0.826011	-1.21064	0.177071	0.732728	-1.36476	8.21535	6.11288	0.661405	1
cg24820270	0.793107	1.06792	1.06792	0.00560028	2.48279	2.48279	0.971122	1.00909	1.00909	0.338746	0.781513	-1.27957	8.04945	7.96783	0.879876	1
cg26708724	0.325228	1.12162	1.12162	0.00312528	1.57865	1.57865	0.206944	1.16227	1.16227	0.00399736	0.64591	-1.5482	8.02221	1.6219	0.179712	1
cg05723219	0.440349	0.87557	-1.14211	0.577051	0.909246	-1.09981	0.037901	1.50153	1.50153	0.051196	0.687327	-1.45491	7.842	3.54159	0.401439	1
cg06695338	0.00347348	0.546717	-1.8291	0.0413188	1.43084	1.43084	0.709492	1.05862	1.05862	0.191883	0.810341	-1.23405	7.57272	2.77923	0.326227	1
cg05333968	0.517993	1.10832	1.10832	0.963595	1.00719	1.00719	0.283176	1.19122	1.19122	0.0029256	0.526517	-1.89927	7.14312	2.78585	0.346671	1
cg18246991	0.0178585	1.48557	1.48557	0.0325218	1.4106	1.4106	0.688016	1.05706	1.05706	0.281256	1.16644	1.16644	6.67676	1.99845	0.266057	1
cg23413289	0.237327	1.19934	1.19934	0.0184981	1.52112	1.52112	0.749018	1.04826	1.04826	0.381819	0.876608	-1.14076	6.66816	2.27672	0.303494	1
cg19800035	0.804039	1.0902	1.0902	0.824897	0.92591	-1.08002	0.324509	0.70226	-1.42397	0.0126709	0.340817	-2.93413	6.38319	12.2001	1.69892	1
cg01337940	0.0176904	0.220271	-4.53987	0.0146509	0.206816	-4.83523	0.0616631	0.331631	-3.0154	0.118176	0.410818	-2.43417	6.07034	26.4368	3.87118	1
cg04226903	0.893929	1.03618	1.03618	0.0135805	0.443232	-2.25615	0.0271731	2.00696	2.00696	0.0196749	0.472025	-2.11853	5.98074	6.72378	0.999324	1
cg15374133	0.00864444	0.468266	-2.13554	0.0734473	1.572	1.572	0.016324	1.94539	1.94539	0.129954	0.690233	-1.44879	5.97831	4.86345	0.723125	1
cg08874747	0.634402	1.06534	1.06534	0.484019	0.910316	-1.09852	0.804757	0.967808	-1.03326	0.00098835	1.90933	1.90933	5.88698	1.6274	0.245725	1
cg25123881	0.394395	0.822436	-1.2159	0.00117979	0.344277	-2.90464	0.369081	0.813244	-1.22964	0.26805	0.772183	-1.29503	5.79095	4.60581	0.706974	1
cg24833566	0.015457	0.555186	-1.8012	0.00219611	2.34079	2.34079	0.978717	1.0053	1.0053	0.419993	1.17726	1.17726	5.65423	3.51298	0.552267	1
cg20931060	0.149179	0.790112	-1.26564	0.0043979	1.78451	1.78451	0.0372402	1.44525	1.44525	0.675908	0.937974	-1.06613	5.1739	1.90074	0.326552	1
cg10935626	0.198636	0.620972	-1.61038	0.30211	0.687311	-1.45495	0.924611	0.967347	-1.03375	0.0130649	0.339626	-2.94442	5.09513	9.92775	1.73198	1
cg10896676	0.700985	1.06935	1.06935	0.024859	1.59059	1.59059	0.183371	0.782444	-1.27805	0.827104	1.03875	1.03875	5.07492	2.42769	0.425218	1
cg22243439	0.272734	1.21103	1.21103	0.662657	1.0764	1.0764	0.923156	0.983947	-1.01631	0.618469	1.08786	1.08786	5.01737	2.23557	0.396059	1
cg21399040	0.127655	0.64814	-1.54288	0.0876075	1.64282	1.64282	0.447316	1.22617	1.22617	0.999824	1.00006	1.00006	4.8942	5.37236	0.975731	1
cg18260869	0.0782126	0.710226	-1.408	0.00255673	2.07863	2.07863	0.114318	0.740543	-1.35036	0.220776	0.798424	-1.25247	4.77643	2.31352	0.430543	1
cg08288016	0.824626	1.14083	1.14083	0.0967313	2.95176	2.95176	0.160437	2.43551	2.43551	0.96907	0.977245	-1.02328	4.66193	26.0208	4.96138	1
cg11512859	0.527835	1.10385	1.10385	0.0425962	1.43421	1.43421	0.942226	1.01126	1.01126	0.652711	1.07248	1.07248	4.54595	1.71784	0.335896	1
cg17090401	0.0895249	1.73554	1.73554	0.0243191	2.20455	2.20455	0.220671	1.46113	1.46113	0.0135864	0.40684	-2.45797	3.86322	5.30692	1.22107	1
cg26982245	0.0334193	1.44234	1.44234	0.00191862	1.91045	1.91045	0.808121	0.964781	-1.0365	0.539395	0.912502	-1.09589	3.74431	1.28776	0.30571	1
cg08784334	0.0203847	0.554495	-1.80344	0.0195474	1.81356	1.81356	0.430755	1.18489	1.18489	0.151593	0.723168	-1.3828	3.66639	2.58422	0.626525	1
cg21367866	0.0225141	0.302909	-3.30132	0.185222	0.541157	-1.84789	0.512144	0.747842	-1.33718	0.0249196	0.311472	-3.21057	3.61262	10.929	2.6891	1
cg08100122	0.017281	0.607726	-1.64548	0.093731	1.37236	1.37236	0.170611	1.28479	1.28479	0.607457	0.914857	-1.09307	3.55141	1.65891	0.415211	1
ch.4.3472400R	0.101181	0.480338	-2.08187	0.331706	0.664234	-1.50549	0.198843	0.574268	-1.74135	0.156183	0.538095	-1.85841	3.43434	9.07748	2.34947	1
cg17755082	0.659588	0.788557	-1.26814	0.134945	0.42163	-2.37175	0.107782	0.390441	-2.5612	0.0360145	0.270628	-3.69511	3.41669	15.5405	4.04303	1
cg27475132	0.806341	0.930711	-1.07445	0.00323533	0.309049	-3.23573	0.284287	1.38429	1.38429	0.383957	0.770289	-1.29821	3.41442	4.62196	1.20325	1
cg05711042	0.583672	0.903333	-1.10701	0.618504	1.0966	1.0966	0.00585509	0.515477	-1.93995	0.00461717	0.50039	-1.99844	8.45538	4.51871	0.475038	1
cg26929280	0.443601	0.908242	-1.10103	0.0558197	1.30601	1.30601	0.833059	0.974327	-1.02635	0.0200964	0.707837	-1.41276	10.8596	2.61129	0.213741	1
cg24168798	0.0661087	0.811209	-1.23273	0.00115244	1.6238	1.6238	0.087305	0.82564	-1.21118	0.2839	1.11962	1.11962	10.8491	1.76998	0.145018	1
cg08778805	0.011459	0.422569	-2.36648	0.521973	1.19329	1.19329	0.106052	1.61712	1.61712	0.190109	0.685333	-1.45914	8.62648	10.1295	1.04376	1
cg15653478	0.673704	0.84967	-1.17693	0.0478522	0.418853	-2.38747	0.142562	0.545368	-1.83362	0.0543593	0.431805	-2.31586	8.32547	19.5104	2.08307	1
cg12156646	0.553501	0.937313	-1.06688	0.157346	1.17742	1.17742	0.798166	0.972702	-1.02806	0.939586	1.00822	1.00822	6.44643	1.19101	0.164227	1
cg11425977	0.278607	1.1705	1.1705	0.000485257	2.14756	2.14756	0.0503067	0.732126	-1.36589	0.333993	0.870014	-1.14941	5.58579	1.72757	0.274915	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22659564	FAT3	0.0148495	0.0107798	0.25242	-3.96166	0.00547442	0.208059	-4.80632	0.00541323	0.207378	-4.8221	0.0612778	0.40403	-2.47506	0.0225936	0.309289	-3.23322
cg05694749	FAT3	0.0149656	0.661254	0.906084	-1.10365	0.308543	0.789993	-1.26583	0.102318	1.49167	1.49167	0.932297	0.981174	-1.01919	0.136582	1.4315	1.4315
cg24298860	FAT3	0.0210844	0.814072	1.06157	1.06157	0.0302781	1.90775	1.90775	0.291093	0.757427	-1.32026	0.423077	1.2306	1.2306	0.864016	0.95746	-1.04443
cg04907084	FAT3	0.0212372	0.0633731	0.580537	-1.72254	0.0071647	2.47034	2.47034	0.223891	1.39489	1.39489	0.170239	0.683556	-1.46294	0.413234	0.804222	-1.24344
cg00455535	FAT3	0.0217089	0.917649	1.02432	1.02432	0.0307296	0.554479	-1.8035	0.123732	1.47316	1.47316	0.179404	0.717924	-1.39291	0.154551	1.4249	1.4249
cg14730524	FAT3	0.0274838	0.0203111	0.308568	-3.24078	0.0140336	0.279516	-3.57762	0.0101169	0.255719	-3.91054	0.222271	0.583269	-1.71447	0.0209502	0.311114	-3.21425
cg15329510	FAT3	0.0309254	0.00499934	0.444036	-2.25207	0.0458277	0.60635	-1.64921	0.128281	0.698159	-1.43234	0.109385	0.682835	-1.46448	0.0158167	0.52408	-1.9081
cg12804693	FAT3	0.0333521	0.194234	0.703316	-1.42184	0.390831	0.798262	-1.25272	0.837384	0.948698	-1.05408	0.353299	0.782902	-1.2773	0.00273222	0.346441	-2.88649
cg04362211	FAT3	0.0482266	0.412741	0.799659	-1.25053	0.0102894	2.37091	2.37091	0.861204	1.04783	1.04783	0.24245	0.721378	-1.38624	0.499475	1.20083	1.20083
cg04171487	FAT4	7.96E-05	0.160666	0.782465	-1.27801	0.504727	0.895111	-1.11718	0.0168902	1.61139	1.61139	0.894262	0.978467	-1.02201	3.29E-05	0.267156	-3.74313
cg10399929	FAT4	0.0033252	0.0920828	0.654269	-1.52842	0.225654	1.33791	1.33791	0.0175342	0.516151	-1.93742	0.295694	0.78029	-1.28158	0.000374389	0.272106	-3.67505
cg15795630	FAT4	0.0183815	0.170716	0.875928	-1.14165	0.0017366	0.666577	-1.5002	0.958923	1.00469	1.00469	0.0989032	1.17857	1.17857	0.182826	0.87953	-1.13697
cg12058185	FAT4	0.0253263	0.0860405	0.76753	-1.30288	0.795412	1.03691	1.03691	0.877373	0.978694	-1.02177	0.0800077	0.762672	-1.31118	0.75479	0.957241	-1.04467
cg03404279	FAT4	0.0272088	0.346962	0.885233	-1.12965	0.0128404	1.47544	1.47544	0.121336	1.23544	1.23544	?	?	?	0.00287899	1.6753	1.6753
cg08421550	FATE1	0.00031829	0.972462	1.01259	1.01259	0.000810332	0.160224	-6.24127	0.0375911	0.417111	-2.39744	0.134951	0.55758	-1.79346	0.000239603	0.110361	-9.06114
cg13989528	FAU;MRPL49	9.18E-06	1.01E-05	0.415786	-2.40508	0.000500541	0.603809	-1.65615	0.000815991	0.626464	-1.59626	0.000515813	0.605208	-1.65232	1.31E-06	0.316907	-3.1555
cg26594445	FAU;MRPL49	0.000200829	3.75E-05	0.260016	-3.84591	0.42744	0.871255	-1.14777	0.209704	1.25217	1.25217	0.000228618	0.352953	-2.83324	6.03E-05	0.283399	-3.52859
cg17239651	FAU;MRPL49	0.00117211	0.923588	1.00458	1.00458	0.245465	1.05954	1.05954	0.000246002	1.33424	1.33424	0.0524896	0.900347	-1.11068	0.430606	1.03904	1.03904
cg10342590	FAU;MRPL49	0.0055385	0.00536011	0.622186	-1.60724	0.311549	0.873308	-1.14507	0.918297	0.986811	-1.01337	0.0243916	0.706753	-1.41492	0.00109673	0.536351	-1.86445
cg00547730	FAU;MRPL49	0.0466856	0.720391	0.948965	-1.05378	0.599831	1.08021	1.08021	0.371582	1.14306	1.14306	0.603577	1.07934	1.07934	0.157869	1.24616	1.24616
cg06933752	FAU;MRPL49;MRPL49	0.0134153	0.908466	0.952389	-1.04999	0.124323	2.02548	2.02548	0.0457576	2.64141	2.64141	0.833973	0.914824	-1.09311	0.00161601	0.147031	-6.80129
cg16691477	FAU;MRPL49;MRPL49	0.0499183	0.208241	1.21477	1.21477	0.107134	1.29422	1.29422	0.191962	1.22452	1.22452	0.174549	1.23587	1.23587	0.672478	1.06434	1.06434
cg25950100	FBF1	0.0140089	0.626078	0.888837	-1.12507	0.017981	0.501636	-1.99348	0.474295	0.839771	-1.1908	0.70843	1.09434	1.09434	0.00300157	0.376582	-2.65547
cg17708938	FBF1	0.0213114	0.689487	0.809965	-1.23462	0.186544	0.476698	-2.09777	0.942462	0.962857	-1.03858	0.989677	0.993239	-1.00681	0.42704	0.65273	-1.53203
cg00061306	FBF1	0.0250843	0.0169851	0.134932	-7.41113	0.0534343	0.221013	-4.52463	0.156366	0.352293	-2.83855	0.126072	0.320168	-3.12336	0.00538049	0.0803293	-12.4488
cg12652440	FBF1	0.0285068	0.0762282	0.722245	-1.38457	0.367278	1.16505	1.16505	0.00123213	0.458687	-2.18014	0.51947	0.897886	-1.11373	0.0422156	0.679768	-1.47109
cg02497559	FBF1	0.0336303	0.00898894	0.175983	-5.68237	0.126328	0.421067	-2.37492	0.0463774	0.303207	-3.29808	0.557454	0.73324	-1.36381	0.00292332	0.11787	-8.48392
cg16520049	FBF1	0.0400179	0.901161	1.03646	1.03646	0.599943	0.858541	-1.16477	0.158386	0.64755	-1.54428	0.639842	1.14548	1.14548	0.00185364	0.279901	-3.57269
cg25468683	FBL	2.07E-05	0.562988	0.915854	-1.09188	2.01E-05	0.27351	-3.65618	4.57E-05	0.314073	-3.18397	0.722478	0.947811	-1.05506	0.00309023	0.544114	-1.83785
cg10436041	FBL	3.52E-05	0.5621	1.06482	1.06482	0.240922	1.14059	1.14059	0.00194596	1.59935	1.59935	0.0804574	1.23092	1.23092	0.665972	1.04764	1.04764
cg02674126	FBL	0.00090584	0.248511	1.17886	1.17886	0.151956	1.23289	1.23289	0.019283	1.47123	1.47123	0.0859389	0.771933	-1.29545	0.335837	0.873389	-1.14497
cg14050838	FBL	0.0168235	0.885582	1.0462	1.0462	0.831092	1.0693	1.0693	0.0835338	1.82367	1.82367	0.000419577	0.17306	-5.77833	0.133678	0.602042	-1.66101
cg18227986	FBL;DYRK1B;DYRK1B;DYRK1B	6.69E-05	0.00388987	0.432991	-2.30952	0.174713	1.36454	1.36454	0.100739	1.47265	1.47265	0.13773	1.4108	1.4108	0.0582407	0.630758	-1.58539
cg22525743	FBL;DYRK1B;DYRK1B;DYRK1B	0.0026264	0.0133493	2.67765	2.67765	0.00464925	3.35246	3.35246	0.0179697	2.51918	2.51918	0.0173161	2.5383	2.5383	0.593603	1.18897	1.18897
cg11957481	FBL;DYRK1B;DYRK1B;DYRK1B	0.0231376	0.0492375	2.71092	2.71092	0.00309486	6.04061	6.04061	0.00925034	4.33885	4.33885	0.0644134	2.51712	2.51712	0.579126	1.28266	1.28266
cg16519300	FBLIM1	0.000404484	0.212992	0.751204	-1.3312	0.033232	1.72099	1.72099	0.00199478	2.59072	2.59072	0.00329925	2.3943	2.3943	0.145403	0.71105	-1.40637
cg13484546	FBLIM1	0.000409208	0.032763	0.567987	-1.7606	0.360365	1.23732	1.23732	0.000101382	4.75753	4.75753	0.00136337	2.86501	2.86501	0.320841	0.792724	-1.26147
cg19759788	FBLIM1	0.00325135	0.523117	0.889061	-1.12478	0.00431797	2.00019	2.00019	0.231709	1.25599	1.25599	0.0130359	1.75013	1.75013	0.0543841	0.672581	-1.48681
cg17276021	FBLIM1	0.00347495	0.067714	0.657291	-1.5214	0.000631566	0.340639	-2.93566	0.000254119	0.290567	-3.44155	0.271611	0.790843	-1.26447	0.10684	0.696994	-1.43473
cg07846167	FBLIM1	0.00809251	0.0799088	0.566546	-1.76508	0.447201	1.25423	1.25423	0.0578554	1.87205	1.87205	0.332807	1.33927	1.33927	0.281853	0.721072	-1.38682
cg23002761	FBLIM1	0.0424128	0.691278	0.814132	-1.2283	0.0565762	0.328936	-3.0401	0.00707781	6.00665	6.00665	0.635267	1.2791	1.2791	0.490098	0.696869	-1.43499
cg06980531	FBLL1	0.00135544	0.0957573	1.26956	1.26956	0.000647894	1.97867	1.97867	0.638908	1.06359	1.06359	0.0458015	1.34805	1.34805	0.0109228	1.51699	1.51699
cg14743594	FBLL1	0.0072975	0.852252	0.949768	-1.05289	0.699676	1.1131	1.1131	0.000490715	0.221055	-4.52376	0.634106	0.875866	-1.14173	0.0678603	0.568163	-1.76006
cg10591652	FBLL1	0.00747623	0.00701071	0.798038	-1.25307	0.333792	1.06663	1.06663	0.00616528	0.793604	-1.26007	0.0237265	0.839721	-1.19087	0.10075	0.890193	-1.12335
cg11499970	FBLL1	0.00849328	0.0199909	0.534946	-1.86935	0.163303	0.717827	-1.39309	0.00281867	0.399823	-2.50111	0.0934129	0.662882	-1.50856	0.00518935	0.439538	-2.27512
cg13954457	FBLL1	0.0122942	0.65468	1.14912	1.14912	0.317279	0.72674	-1.37601	0.497148	1.23719	1.23719	0.197085	0.656367	-1.52354	0.000196322	0.144706	-6.91054
cg24886267	FBLL1	0.0201865	0.26386	1.86195	1.86195	?	?	?	0.855119	1.09963	1.09963	0.00151887	0.0452411	-22.1038	0.285741	1.8045	1.8045
cg10084902	FBLL1	0.0418403	0.0457181	2.43695	2.43695	0.0101067	3.53229	3.53229	0.962957	0.982102	-1.01822	0.1973	1.69892	1.69892	0.132343	1.88049	1.88049
cg08414809	FBLN1;FBLN1;FBLN1	0.0205223	0.904471	1.03486	1.03486	0.571413	0.849402	-1.1773	0.654945	1.13697	1.13697	0.0415212	0.511311	-1.95576	0.00106747	0.251589	-3.97473
cg16818414	FBLN1;FBLN1;FBLN1;FBLN1	5.48E-05	0.162591	1.31389	1.31389	0.876132	1.02898	1.02898	0.0835558	0.704175	-1.4201	0.0345795	1.57028	1.57028	0.557623	0.897093	-1.11471
cg08149253	FBLN1;FBLN1;FBLN1;FBLN1	5.63E-05	0.0769869	0.838339	-1.19283	3.95E-05	0.494155	-2.02366	0.0111417	0.751785	-1.33017	0.0929988	0.847289	-1.18024	0.000251892	0.582051	-1.71806
cg04337944	FBLN1;FBLN1;FBLN1;FBLN1	0.00298188	0.394997	1.24202	1.24202	0.0143081	0.471677	-2.12009	0.0168256	0.483981	-2.0662	0.595401	1.14264	1.14264	0.296203	0.763778	-1.30928
cg07072704	FBLN1;FBLN1;FBLN1;FBLN1	0.00737493	0.202945	1.38999	1.38999	0.181073	0.706171	-1.41609	0.0545253	0.586012	-1.70645	0.917993	0.975083	-1.02555	0.0690568	0.607493	-1.64611
cg02099543	FBLN1;FBLN1;FBLN1;FBLN1	0.0165688	0.1438	1.95996	1.95996	0.23188	0.584365	-1.71126	0.345002	0.659198	-1.51699	0.1232	0.488955	-2.04518	0.0623826	0.407086	-2.45648
cg19972696	FBLN1;FBLN1;FBLN1;FBLN1	0.0282095	0.790191	1.04636	1.04636	0.865359	1.02926	1.02926	0.148766	1.30102	1.30102	0.323421	1.18923	1.18923	0.385739	0.859762	-1.16311
cg18633568	FBLN1;FBLN1;FBLN1;FBLN1	0.0422668	0.147714	0.794059	-1.25935	0.0423968	1.41487	1.41487	0.0507877	1.39151	1.39151	0.180387	1.23515	1.23515	0.0625845	0.732623	-1.36496
cg16604516	FBLN2;FBLN2	0.0010473	0.0315219	0.609865	-1.63971	0.695598	1.08016	1.08016	0.00327038	2.19485	2.19485	0.000729401	0.365284	-2.7376	0.000344475	0.323126	-3.09442
cg18603228	FBLN2;FBLN2	0.00242757	0.0196589	0.252013	-3.96805	0.0312661	0.29059	-3.44128	0.00293534	7.37437	7.37437	0.0378484	0.308	-3.24676	0.00153486	0.10759	-9.29457
cg01896761	FBLN2;FBLN2	0.00259827	0.0667025	0.371015	-2.69531	0.563895	0.754759	-1.32493	0.000951652	10.7527	10.7527	0.0591748	0.357923	-2.7939	0.00339626	0.14652	-6.82502
cg12700904	FBLN2;FBLN2	0.00265667	0.791387	0.871793	-1.14706	0.333113	0.596478	-1.67651	0.000138519	30.2234	30.2234	0.964223	1.02349	1.02349	0.250725	0.537328	-1.86106
cg02832485	FBLN2;FBLN2	0.0031217	0.00113434	0.407447	-2.45431	0.0846237	0.699338	-1.42992	0.673757	0.923677	-1.08263	0.0423842	0.645124	-1.55009	0.00355797	0.476836	-2.09716
cg17561417	FBLN2;FBLN2	0.00350511	0.0219636	0.43655	-2.29069	0.967896	0.987935	-1.01221	0.00323617	3.35786	3.35786	0.0138429	0.399582	-2.50261	0.00329056	0.298865	-3.34599
cg18406197	FBLN2;FBLN2	0.00666914	0.0755708	0.3908	-2.55885	0.438848	0.687261	-1.45505	0.00199584	7.94668	7.94668	0.0867059	0.407097	-2.45642	0.0464416	0.338447	-2.95467
cg19392656	FBLN2;FBLN2	0.00944907	0.18841	0.633179	-1.57933	0.418488	0.762544	-1.3114	0.00407466	3.5404	3.5404	0.039542	0.458081	-2.18302	0.00228969	0.247054	-4.04769
cg09543427	FBLN2;FBLN2	0.0276941	0.198727	1.32069	1.32069	0.586745	0.893681	-1.11897	0.170839	1.34807	1.34807	0.161931	0.73649	-1.35779	0.00516175	0.469385	-2.13045
cg04544058	FBLN2;FBLN2;FBLN2	0.000215553	0.150297	1.31354	1.31354	0.000906608	0.415698	-2.4056	0.00156291	0.44759	-2.23419	0.770012	0.949471	-1.05322	4.86E-05	0.258979	-3.86131
cg00498816	FBLN2;FBLN2;FBLN2	0.00186951	0.278516	0.728892	-1.37195	0.000419552	0.208177	-4.8036	0.000129332	0.154632	-6.46698	0.993129	1.00242	1.00242	0.0830404	0.583562	-1.71361
cg18183817	FBLN2;FBLN2;FBLN2	0.00601402	0.194927	0.568645	-1.75857	0.0217062	0.321542	-3.11001	0.000210939	0.078016	-12.8179	0.0423817	0.381927	-2.6183	0.0493757	0.397137	-2.51802
cg05844321	FBLN2;FBLN2;FBLN2	0.00640663	0.267102	0.83286	-1.20068	0.067831	1.38205	1.38205	0.0038462	0.539989	-1.85189	0.0448907	0.69479	-1.43928	0.0243196	0.654028	-1.52899
cg08839186	FBLN2;FBLN2;FBLN2	0.00808409	0.315739	0.833831	-1.19928	0.187263	1.27745	1.27745	0.0158018	1.67871	1.67871	0.0101288	0.566499	-1.76523	0.00187874	0.461955	-2.16471
cg00816609	FBLN2;FBLN2;FBLN2	0.0125255	0.018824	0.639455	-1.56383	0.556302	1.09801	1.09801	0.00591541	0.567937	-1.76076	0.0026923	0.5212	-1.91865	0.167846	0.793766	-1.25982
cg17054708	FBLN2;FBLN2;FBLN2	0.02244	0.457181	0.837659	-1.1938	0.288672	1.29395	1.29395	0.75592	0.929647	-1.07568	0.00359711	0.397606	-2.51506	0.0855188	0.641022	-1.56001
cg00857526	FBLN2;FBLN2;FBLN2	0.0267896	0.916956	1.03342	1.03342	0.459708	1.26773	1.26773	0.0552593	0.504191	-1.98338	0.227763	1.49034	1.49034	0.016301	2.52344	2.52344
cg04102648	FBLN2;FBLN2;FBLN2	0.0369969	0.0858271	0.826608	-1.20976	0.107666	0.838535	-1.19256	0.128288	0.847976	-1.17928	0.963639	0.995438	-1.00458	0.187148	1.15055	1.15055
cg02333758	FBLN2;FBLN2;FBLN2	0.0384893	0.122569	0.548178	-1.82422	0.033558	0.409806	-2.44018	0.0674286	0.478909	-2.08808	0.802503	1.09422	1.09422	0.0016286	0.197519	-5.06281
cg17378193	FBLN2;FBLN2;FBLN2	0.0397448	0.864325	0.972991	-1.02776	0.0386147	1.46745	1.46745	0.156889	0.784743	-1.2743	0.198708	0.804572	-1.2429	0.297811	0.841311	-1.18862
cg02079455	FBLN2;FBLN2;FBLN2	0.0398619	0.0107089	0.255513	-3.9137	0.0658729	0.415652	-2.40586	0.11831	0.486084	-2.05726	0.0548242	0.395951	-2.52557	0.066741	0.417096	-2.39753
cg17319007	FBLN5	2.95E-06	2.97E-05	0.41359	-2.41786	0.0037085	1.52684	1.52684	0.00158378	1.63151	1.63151	0.079877	1.2334	1.2334	0.00556141	1.48162	1.48162
cg14974772	FBLN5	0.000117696	0.384668	0.893998	-1.11857	0.000969101	0.539371	-1.85401	0.000136408	2.29286	2.29286	0.000177295	2.22304	2.22304	0.761836	0.962508	-1.03895
cg26936989	FBLN5	0.0112178	0.217752	0.709695	-1.40906	0.00633331	2.56021	2.56021	0.151642	0.666126	-1.50122	0.118844	0.639082	-1.56474	0.0499097	0.553545	-1.80654
cg21116579	FBLN5	0.0197561	0.477731	0.922644	-1.08384	0.0250855	1.35632	1.35632	0.0239912	1.36086	1.36086	0.321575	1.12131	1.12131	0.263523	1.13941	1.13941
cg02082843	FBLN5	0.021569	0.928957	1.01464	1.01464	0.005898	0.555822	-1.79914	0.709695	0.940859	-1.06286	0.848909	0.969385	-1.03158	0.369241	1.16223	1.16223
cg23946548	FBLN7;FBLN7	0.00171632	0.117162	0.84123	-1.18874	0.114553	0.840006	-1.19047	0.0111661	0.723922	-1.38136	0.225682	0.878755	-1.13797	0.00108313	0.61259	-1.63241
cg16987524	FBLN7;FBLN7	0.00345227	0.113158	2.14548	2.14548	0.0574757	2.58906	2.58906	0.597964	1.26569	1.26569	0.433954	1.42405	1.42405	0.0149532	3.76163	3.76163
cg04956944	FBLN7;FBLN7	0.00487567	0.0582872	0.877596	-1.13948	0.929521	1.00541	1.00541	0.43646	1.04963	1.04963	0.140979	1.10144	1.10144	0.000229545	1.45261	1.45261
cg23869688	FBLN7;FBLN7	0.00922417	0.924586	1.01613	1.01613	0.972523	1.00584	1.00584	0.0490238	0.68395	-1.46209	0.000509127	0.399407	-2.50371	0.296898	0.83293	-1.20058
cg24743301	FBLN7;FBLN7	0.0118512	0.0331976	0.510022	-1.9607	0.475493	0.821813	-1.21682	0.0696221	0.577646	-1.73116	0.00168901	0.297151	-3.3653	0.00454289	0.359747	-2.77973
cg08020922	FBLN7;FBLN7	0.0138078	0.311847	1.0986	1.0986	0.0139949	0.761283	-1.31357	0.0695091	1.20019	1.20019	0.748531	0.971505	-1.02933	0.113164	0.856454	-1.1676
cg09862219	FBLN7;FBLN7	0.0140588	0.255821	0.717077	-1.39455	0.0830213	0.583857	-1.71275	0.285139	0.732526	-1.36514	0.243301	0.710139	-1.40818	0.000653027	0.231094	-4.32724
cg12516436	FBLN7;FBLN7	0.0164605	0.140318	0.631877	-1.58259	0.617134	0.86429	-1.15702	0.0786658	0.568277	-1.7597	0.000705824	0.224516	-4.45403	0.888036	0.960056	-1.04161
cg04324615	FBLN7;FBLN7	0.0169912	0.0599762	2.72556	2.72556	0.00973232	4.68811	4.68811	0.0455319	2.9551	2.9551	0.487322	1.39576	1.39576	0.0117976	4.41883	4.41883
cg20313969	FBLN7;FBLN7	0.0198298	0.127167	2.1104	2.1104	0.119999	2.14612	2.14612	0.706593	1.18675	1.18675	0.333677	1.5706	1.5706	0.0369336	2.99553	2.99553
cg19744173	FBLN7;FBLN7	0.0256268	0.0153508	0.276173	-3.62091	0.987573	1.00676	1.00676	0.381525	0.678321	-1.47423	0.189564	0.548303	-1.82381	0.000687665	0.106298	-9.40751
cg11229230	FBLN7;FBLN7	0.0260186	0.156955	0.744699	-1.34282	0.412983	0.849607	-1.17702	0.0382897	0.626563	-1.59601	0.896638	0.975008	-1.02563	0.55563	0.890407	-1.12308
cg02103918	FBLN7;FBLN7	0.0366258	0.026688	0.262096	-3.81539	0.389053	1.56851	1.56851	0.266726	0.554292	-1.8041	0.0348885	0.28543	-3.50348	0.00410408	0.140377	-7.12368
cg01343045	FBLN7;FBLN7	0.0370022	0.76471	0.892792	-1.12008	0.848968	1.07468	1.07468	0.41262	0.728721	-1.37227	0.397531	0.72088	-1.38719	0.00533547	0.249905	-4.00153
cg01703971	FBLN7;FBLN7	0.0456594	0.788149	0.893408	-1.11931	0.364966	1.47633	1.47633	0.240805	0.598161	-1.67179	0.6022	0.802456	-1.24617	0.00332498	0.187718	-5.32715
cg08151731	FBN1	4.68E-05	0.0335012	0.847634	-1.17975	0.000185547	0.656978	-1.52212	0.000397701	0.687174	-1.45524	0.0320411	0.846068	-1.18194	0.031113	0.845037	-1.18338
cg10095534	FBN1	0.000708302	0.0468216	0.632174	-1.58184	0.079384	0.675438	-1.48052	0.00044207	0.326968	-3.05841	0.0308757	0.600029	-1.66659	4.95E-05	0.215356	-4.64348
cg03628053	FBN1	0.00296432	0.618156	1.14351	1.14351	0.00807611	0.404411	-2.47273	0.221134	0.709482	-1.40948	0.306216	0.753749	-1.3267	0.00164568	0.300418	-3.32869
cg22535307	FBN1	0.00399699	0.247404	0.627848	-1.59274	0.094192	0.492535	-2.03031	0.546333	1.26487	1.26487	0.165049	1.76822	1.76822	?	?	?
cg22110213	FBN1	0.00450366	0.21822	1.16679	1.16679	0.000758773	0.544477	-1.83662	0.799006	0.970067	-1.03086	0.435623	1.09937	1.09937	0.00126598	0.571036	-1.7512
cg09741789	FBN1	0.00533198	0.00874208	0.561268	-1.78168	0.91359	0.981407	-1.01895	0.825151	0.962465	-1.039	0.0921107	0.725724	-1.37793	0.00381494	0.5094	-1.9631
cg01529092	FBN1	0.00638012	0.10631	0.590372	-1.69385	0.0514608	0.515552	-1.93964	0.0217877	0.439233	-2.2767	0.342929	1.33905	1.33905	0.00148536	0.254228	-3.93348
cg17835606	FBN1	0.0148269	0.0257712	0.432402	-2.31266	0.182439	0.638879	-1.56524	0.0316686	0.450403	-2.22023	0.903816	1.03902	1.03902	0.0190878	0.407277	-2.45533
cg18671950	FBN1	0.022996	0.220918	1.13684	1.13684	0.00255363	1.51753	1.51753	0.00759904	1.40795	1.40795	0.463664	1.07717	1.07717	0.243571	0.885501	-1.1293
cg21406786	FBN1	0.0237925	0.0336717	0.520599	-1.92086	0.623875	1.13888	1.13888	0.927712	0.976406	-1.02416	0.386909	1.26285	1.26285	0.00893265	0.416776	-2.39937
cg22832808	FBN1	0.0286698	0.550811	0.861984	-1.16011	0.755179	1.08001	1.08001	0.0141169	0.474554	-2.10724	0.740276	1.0853	1.0853	0.0221339	0.509115	-1.96419
cg04808130	FBN1	0.0300412	0.939633	1.02145	1.02145	0.538016	0.839687	-1.19092	0.0626687	0.555996	-1.79857	0.674869	0.8885	-1.12549	0.00575255	0.362683	-2.75723
cg23000950	FBN1	0.0306128	0.104643	0.660723	-1.51349	0.15263	0.699112	-1.43039	0.00193948	0.358962	-2.78581	0.172928	0.712573	-1.40336	0.0418616	0.578103	-1.7298
cg01818369	FBN1	0.0337935	0.123775	2.62296	2.62296	0.508428	1.47416	1.47416	0.643492	0.763675	-1.30946	0.133503	2.55042	2.55042	0.571579	1.39196	1.39196
cg23117583	FBN1	0.0369712	0.0797405	0.42462	-2.35505	0.0069979	0.215165	-4.6476	0.167274	0.522838	-1.91264	0.213555	0.561608	-1.7806	0.0415101	0.355069	-2.81635
cg19908534	FBN1;FBN1	0.00261826	0.429729	0.732175	-1.36579	0.372127	1.42529	1.42529	0.0295601	2.69345	2.69345	0.404844	0.719198	-1.39044	0.0812585	0.473569	-2.11162
cg15358549	FBN2	2.40E-05	0.0479286	1.48125	1.48125	8.93E-06	0.187743	-5.32642	0.0511152	0.679808	-1.471	0.0362241	0.655004	-1.52671	0.000128908	0.314685	-3.17778
cg04093645	FBN2	3.41E-05	0.0333769	1.57719	1.57719	1.22E-06	0.100729	-9.92761	0.0065651	0.523609	-1.90982	0.76302	1.05698	1.05698	0.00273332	0.468588	-2.13407
cg19973085	FBN2	5.38E-05	0.00141334	0.371261	-2.69352	0.00306173	0.419098	-2.38608	0.000236017	0.270704	-3.69407	0.29871	0.793758	-1.25983	8.27E-06	0.124225	-8.04991
cg06068085	FBN2	8.23E-05	0.0173834	2.16852	2.16852	2.84E-05	0.110907	-9.01656	0.00356291	0.348065	-2.87302	0.018776	0.46721	-2.14037	0.00473338	0.366854	-2.72588
cg12630983	FBN2	0.000101874	0.818018	1.06126	1.06126	3.12E-05	0.123022	-8.12861	0.000342002	0.225878	-4.42716	0.00578548	0.393474	-2.54147	0.000521944	0.247733	-4.03661
cg26802026	FBN2	0.00010656	0.841066	0.948992	-1.05375	4.66E-06	0.0647397	-15.4465	0.000726668	0.26185	-3.81898	0.151281	0.669671	-1.49327	0.00195577	0.31925	-3.13234
cg02593734	FBN2	0.00073487	0.40066	1.1417	1.1417	0.000995293	0.470834	-2.12389	0.116176	0.76874	-1.30083	0.00042267	0.42298	-2.36418	0.0320893	0.679249	-1.47221
cg14790000	FBN2	0.00324635	0.00829652	0.566861	-1.7641	0.0244155	1.56999	1.56999	0.690606	0.93492	-1.06961	0.263916	0.822114	-1.21638	0.00202171	0.480745	-2.0801
cg23096272	FBN2	0.00351876	0.661677	1.04868	1.04868	0.0790573	0.810182	-1.23429	0.0198866	0.738269	-1.35452	0.0529061	0.788603	-1.26807	0.000321027	0.533404	-1.87475
cg01901434	FBN2	0.0118355	0.457958	0.758395	-1.31857	0.0529767	0.447234	-2.23596	0.141286	0.560547	-1.78397	0.0531444	0.447556	-2.23436	0.000608437	0.144722	-6.90982
cg17564775	FBN2	0.0122228	0.190933	0.609976	-1.63941	0.538776	1.24877	1.24877	0.0149716	2.90914	2.90914	0.200148	0.616863	-1.6211	0.435834	1.32816	1.32816
cg06993118	FBN2	0.021783	0.140084	0.779379	-1.28307	0.00458629	1.80857	1.80857	0.0450626	1.43487	1.43487	0.369944	0.865395	-1.15554	0.13376	1.28908	1.28908
cg23213887	FBN2	0.0268695	0.0253661	1.74718	1.74718	0.0237806	0.567505	-1.7621	0.0371212	1.66213	1.66213	0.128809	1.41145	1.41145	0.34373	0.814829	-1.22725
cg22191665	FBN2	0.0298724	0.862496	0.96972	-1.03123	0.652736	1.08365	1.08365	0.00450174	0.510879	-1.95741	0.925319	1.01677	1.01677	0.0521384	1.47967	1.47967
cg12940822	FBN2;FBN2	1.25E-05	0.530661	0.917886	-1.08946	0.0138614	1.50713	1.50713	0.00136542	0.534265	-1.87173	0.0681392	1.31726	1.31726	0.952465	0.99199	-1.00807
cg10757188	FBN3	1.25E-05	0.856028	0.977772	-1.02273	3.36E-06	3.88392	3.88392	0.00173391	1.73841	1.73841	0.125615	1.22771	1.22771	0.636443	0.94277	-1.0607
cg07638689	FBN3	0.000117534	0.127892	0.760659	-1.31465	0.000256394	2.71963	2.71963	0.118509	1.32533	1.32533	0.0515436	0.691885	-1.44533	3.87E-05	0.269735	-3.70734
cg17241447	FBN3	0.00124783	0.0656115	0.665102	-1.50353	0.00562478	0.488032	-2.04904	0.053255	0.648291	-1.54252	0.461031	0.862325	-1.15966	3.22E-05	0.202682	-4.93383
cg11998425	FBN3	0.00347315	0.145694	0.825066	-1.21202	0.000137152	2.25215	2.25215	0.103143	1.2454	1.2454	0.235372	1.16543	1.16543	0.376374	0.894271	-1.11823
cg17756521	FBN3	0.0196709	0.05088	0.681058	-1.4683	0.687924	0.932645	-1.07222	0.00792907	0.555453	-1.80033	0.582124	0.908485	-1.10073	0.00592532	0.537091	-1.86188
cg27196496	FBN3	0.0201477	0.326318	0.681971	-1.46634	0.00720772	3.70581	3.70581	0.180136	1.71193	1.71193	0.321901	0.679425	-1.47183	0.00464703	0.241243	-4.14519
cg19466131	FBN3	0.0210385	0.731576	1.06076	1.06076	0.00206737	2.10245	2.10245	0.0544142	0.688072	-1.45334	0.476438	0.883359	-1.13204	0.209684	0.797341	-1.25417
cg08679011	FBN3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13723576	FBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13740339	FBP1;FBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17814481	FBP1;FBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13982688	FBP1;FBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14211930	FBP1;FBP1;FBP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14350544	FBP2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22659564	0.0431894	0.36801	-2.71732	0.00493832	0.201879	-4.95346	0.180833	0.543002	-1.84161	0.183694	0.545432	-1.83341	5.19799	15.2057	2.60028	1
cg05694749	0.472638	1.1775	1.1775	0.000281241	3.77387	3.77387	0.159917	1.39914	1.39914	0.886005	1.03261	1.03261	5.18464	4.10799	0.704302	1
cg24298860	0.52055	1.17958	1.17958	0.000616108	3.80797	3.80797	0.235285	1.37088	1.37088	0.0616151	1.70557	1.70557	4.62069	4.7065	0.905397	1
cg04907084	0.24007	0.72586	-1.37768	0.0762222	1.67168	1.67168	0.0178298	2.11736	2.11736	0.169174	1.46451	1.46451	4.60931	4.95261	0.955093	1
cg00455535	0.648301	0.898782	-1.11262	0.00201923	2.75132	2.75132	0.107525	1.50406	1.50406	0.350801	1.25002	1.25002	4.57479	3.9125	0.760206	1
cg14730524	0.0181169	0.299324	-3.34086	0.03825	0.364468	-2.74372	0.93692	1.03383	1.03383	0.0662781	0.420731	-2.37682	4.21529	11.7931	2.48683	1
cg15329510	0.0165458	0.527381	-1.89616	0.126916	0.697114	-1.43449	0.548271	1.14199	1.14199	0.06166	0.631275	-1.5841	4.0429	3.05837	0.672425	1
cg12804693	0.0780505	1.6516	1.6516	0.104325	1.5762	1.5762	0.506599	0.841406	-1.18849	0.0689154	0.593541	-1.6848	3.93501	4.09273	0.924516	1
cg04362211	0.893262	1.03649	1.03649	0.0203914	2.10902	2.10902	0.382263	0.787237	-1.27027	0.0587804	0.565595	-1.76805	3.43485	3.87739	1.00341	1
cg04171487	0.694886	0.937509	-1.06666	4.44E-06	0.177324	-5.6394	0.0433326	1.4629	1.4629	0.0877148	0.734518	-1.36144	23.5292	9.98586	0.377247	1
cg10399929	0.0124969	0.491177	-2.03593	0.00101775	0.327993	-3.04884	0.80493	1.05825	1.05825	0.037047	0.574666	-1.74014	8.29992	6.88061	0.736887	1
cg15795630	0.470487	1.06894	1.06894	0.308438	1.10046	1.10046	0.0985498	0.848312	-1.17881	0.0476023	1.22843	1.22843	4.84083	0.632228	0.116092	1
cg12058185	0.000966813	1.98416	1.98416	0.302252	0.861517	-1.16074	0.930068	1.01232	1.01232	0.684452	1.05864	1.05864	4.33761	1.33646	0.273876	1
cg03404279	0.888829	0.982548	-1.01776	0.443309	0.906299	-1.10339	0.410657	0.899512	-1.11171	0.634243	1.06219	1.06219	4.3028	0.95979	0.223062	1
cg08421550	0.890814	0.951432	-1.05105	4.90E-05	0.0628925	-15.9002	0.000169925	0.0984977	-10.1525	0.00539484	0.265079	-3.77247	16.1856	33.6821	1.84977	1
cg13989528	0.000134098	0.541602	-1.84637	2.16E-05	0.453014	-2.20744	0.00729237	1.37807	1.37807	0.00129678	0.647732	-1.54385	41.4771	5.642	0.120913	1
cg26594445	0.594445	0.912648	-1.09571	0.767056	0.950726	-1.05183	0.259516	1.2215	1.2215	0.00611259	0.544067	-1.83801	18.3506	8.40899	0.407325	1
cg17239651	0.0123873	0.862243	-1.15977	0.490875	1.03388	1.03388	0.619176	0.976427	-1.02414	0.000261476	1.33079	1.33079	11.247	0.403765	0.0319109	1
cg10342590	0.874044	0.979682	-1.02074	0.00938525	1.53139	1.53139	0.204344	1.18924	1.18924	0.410423	0.896803	-1.11507	7.1123	1.88592	0.2357	1
cg00547730	0.0227456	0.672114	-1.48784	0.0328313	0.694996	-1.43886	0.0210854	1.49823	1.49823	0.24301	1.19489	1.19489	3.47719	1.16974	0.299025	1
cg06933752	0.357085	0.66917	-1.49439	0.005436	0.21196	-4.71787	0.689333	0.843299	-1.18582	0.772717	0.884417	-1.13069	5.37459	15.3124	2.53248	1
cg16691477	0.643017	0.933845	-1.07084	0.00340597	0.557834	-1.79265	0.369153	1.14483	1.14483	0.46154	1.11619	1.11619	3.39024	1.15463	0.302733	1
cg25950100	0.00427891	0.399681	-2.50199	0.0104573	0.461417	-2.16724	0.783515	1.06832	1.06832	0.0447578	0.575295	-1.73824	5.29878	4.83301	0.810755	1
cg17708938	0.589354	1.33131	1.33131	0.000397241	0.0408936	-24.4537	0.40998	1.5579	1.5579	0.753512	1.1797	1.1797	5.11965	21.8248	3.31562	1
cg00061306	0.020953	0.147861	-6.7631	0.00883816	0.100916	-9.90924	0.209846	0.40278	-2.48275	0.0177789	0.137654	-7.2646	4.35213	32.635	6.66544	1
cg12652440	0.688191	0.935623	-1.06881	0.233	1.2291	1.2291	0.6425	1.08016	1.08016	0.603422	0.917183	-1.09029	4.16138	1.79319	0.383034	1
cg02497559	0.0507714	0.312251	-3.20255	0.0414064	0.292244	-3.4218	0.229767	0.517354	-1.93291	0.13058	0.425763	-2.34872	3.92327	16.9953	3.85061	1
cg16520049	0.00934154	0.3867	-2.58598	0.277299	0.722076	-1.3849	0.80426	0.930936	-1.07419	0.432618	0.793903	-1.2596	3.68253	4.84415	1.16928	1
cg25468683	6.93E-07	0.131908	-7.58102	0.710455	0.945491	-1.05765	0.0724966	0.739914	-1.35151	0.024601	0.668732	-1.49537	33.5555	12.0068	0.31806	1
cg10436041	0.00867377	1.43115	1.43115	8.53E-07	0.245202	-4.07828	0.309168	0.89335	-1.11938	0.00590567	1.47098	1.47098	29.2094	5.31174	0.161645	1
cg02674126	0.663082	1.06162	1.06162	2.02E-05	0.308475	-3.24176	0.0953041	0.778807	-1.28401	0.573772	1.08061	1.08061	12.1006	3.56604	0.261956	1
cg14050838	0.227286	0.671927	-1.48826	0.337213	0.733176	-1.36393	0.914213	1.03438	1.03438	0.667234	1.14532	1.14532	4.98685	7.77172	1.38528	1
cg18227986	9.35E-06	0.127437	-7.84699	1.28E-05	0.138914	-7.19868	0.522762	0.869825	-1.14966	0.00225267	0.398291	-2.51073	24.6487	18.0977	0.652645	1
cg22525743	0.232922	0.669016	-1.49473	0.00336612	0.277547	-3.60299	0.00423789	3.42189	3.42189	0.271674	0.692315	-1.44443	8.90173	14.5589	1.45379	1
cg11957481	0.810964	1.11234	1.11234	0.501617	1.35393	1.35393	0.00732699	4.64607	4.64607	0.0821258	2.35318	2.35318	4.47564	13.993	2.77909	1
cg16519300	0.00325527	2.39924	2.39924	8.03E-05	4.72529	4.72529	0.00308024	0.413264	-2.41976	0.311166	1.25678	1.25678	15.1535	11.4184	0.669789	1
cg13484546	0.0588139	1.62144	1.62144	0.000176685	4.21979	4.21979	0.0465008	0.596694	-1.6759	0.861857	0.961325	-1.04023	15.1051	12.2686	0.72197	1
cg19759788	0.00110651	2.39544	2.39544	0.00637345	1.90618	1.90618	0.0558008	0.674536	-1.4825	0.790971	1.04945	1.04945	8.35572	4.36915	0.464794	1
cg17276021	0.306314	1.24255	1.24255	0.430416	0.847876	-1.17942	0.0142633	0.53809	-1.85842	0.47424	0.861378	-1.16093	8.19139	5.45424	0.591867	1
cg07846167	0.0856876	1.74266	1.74266	0.00323596	3.23622	3.23622	0.00305209	0.305289	-3.27558	0.369398	0.763725	-1.30937	6.32123	8.55959	1.20365	1
cg23002761	0.0140701	4.7663	4.7663	0.417014	0.652266	-1.53312	0.840507	0.901402	-1.10938	0.483941	1.44263	1.44263	3.60422	15.1494	3.73622	1
cg06980531	0.0378086	1.36916	1.36916	4.26E-05	2.75918	2.75918	0.0101751	1.52615	1.52615	0.120342	1.24581	1.24581	10.7892	2.9076	0.239549	1
cg14743594	0.854708	0.950593	-1.05198	0.265421	1.37825	1.37825	0.00157119	0.284997	-3.50881	0.780371	1.08033	1.08033	6.5297	7.90211	1.07571	1
cg10591652	0.163012	0.908146	-1.10114	0.00207136	0.755325	-1.32393	0.00310297	0.769662	-1.29927	0.185093	0.913073	-1.0952	6.48045	0.429718	0.0589421	1
cg11499970	0.0143742	0.510508	-1.95883	0.18234	1.37076	1.37076	0.663262	1.10254	1.10254	0.156542	1.40169	1.40169	6.22557	4.89517	0.698934	1
cg13954457	0.375195	1.32447	1.32447	0.842091	0.940272	-1.06352	0.49825	1.23649	1.23649	0.983356	1.00646	1.00646	5.52983	8.34894	1.34204	1
cg24886267	?	?	?	0.179157	0.462342	-2.1629	0.840251	0.900425	-1.11059	0.0710097	0.323247	-3.09361	7.58068	23.1063	2.17718	1
cg10084902	0.14352	1.84269	1.84269	0.0275396	2.75516	2.75516	0.00630627	3.98824	3.98824	0.0868358	2.0863	2.0863	3.62244	8.67529	2.12878	1
cg08414809	0.360746	0.764806	-1.30752	0.28251	1.37534	1.37534	0.2541	0.711869	-1.40475	0.0127486	0.413477	-2.41851	4.66348	6.01532	1.14656	1
cg16818414	5.97E-06	6.42677	6.42677	1.55E-05	0.194669	-5.13693	0.114404	1.36949	1.36949	0.328577	1.20281	1.20281	25.9779	13.7967	0.472084	1
cg08149253	0.023136	1.2757	1.2757	6.33E-05	1.93507	1.93507	0.000353764	0.597805	-1.67279	0.570763	1.05272	1.05272	25.7933	3.28459	0.113193	1
cg04337944	0.0163433	2.07574	2.07574	0.00134146	3.18811	3.18811	0.00383082	0.379144	-2.63752	0.869307	1.04182	1.04182	8.57356	8.40473	0.871385	1
cg07072704	0.0413365	1.77988	1.77988	0.261297	1.33245	1.33245	0.00037306	0.24794	-4.03324	0.608204	0.881014	-1.13506	6.50818	6.18723	0.845053	1
cg02099543	0.287118	1.60572	1.60572	0.00258899	5.98258	5.98258	0.0396191	0.360756	-2.77196	0.221116	1.73515	1.73515	5.01232	14.573	2.58438	1
cg19972696	0.994595	1.00115	1.00115	0.00129971	0.451139	-2.21661	0.110233	0.743944	-1.34419	0.0531374	0.688409	-1.45263	4.1768	1.91009	0.406497	1
cg18633568	0.329315	0.861165	-1.16122	0.0238948	1.49206	1.49206	0.343953	1.15573	1.15573	0.336193	1.15861	1.15861	3.60884	1.25985	0.310312	1
cg16604516	0.655126	0.915619	-1.09216	0.629905	1.09989	1.09989	0.0384513	0.624841	-1.60041	0.0549824	1.5322	1.5322	11.6132	7.07215	0.54131	1
cg18603228	0.981327	1.01151	1.01151	0.0336099	0.297065	-3.36627	0.224426	0.535742	-1.86657	0.0169328	4.1561	4.1561	9.11048	34.5107	3.36713	1
cg01896761	0.666875	1.23225	1.23225	0.034151	0.303563	-3.29421	0.572048	0.759293	-1.31701	0.00641852	5.52861	5.52861	8.93004	32.895	3.27434	1
cg12700904	0.36922	1.6117	1.6117	0.349162	1.64676	1.64676	0.159094	2.17905	2.17905	0.000713909	14.3967	14.3967	8.87168	37.6365	3.77095	1
cg02832485	0.250224	0.798286	-1.25268	0.000302667	0.332463	-3.00785	0.0128398	0.560246	-1.78493	0.00827307	0.530933	-1.88348	8.4576	4.70914	0.494928	1
cg17561417	0.959838	0.984928	-1.0153	0.0223671	0.438061	-2.28278	0.142762	0.621833	-1.60815	0.0305139	2.15265	2.15265	8.17024	11.7697	1.2805	1
cg18406197	0.463437	1.42544	1.42544	0.107556	0.43422	-2.30298	0.934639	0.96179	-1.03973	0.00390425	6.33003	6.33003	6.71559	23.9956	3.17611	1
cg19392656	0.703436	0.882125	-1.13363	0.208914	0.647683	-1.54397	0.156642	0.608463	-1.64349	0.12972	1.71048	1.71048	6.01849	10.2497	1.51381	1
cg09543427	0.0567058	0.642912	-1.55542	0.0431721	1.61031	1.61031	0.415342	0.843231	-1.18591	0.255217	1.27543	1.27543	4.20401	2.79283	0.590512	1
cg04544058	0.000951221	0.418479	-2.38961	6.95E-05	0.276588	-3.61548	0.183865	0.779302	-1.2832	0.00663204	0.536213	-1.86493	18.0016	8.91877	0.440394	1
cg00498816	0.162617	0.658135	-1.51945	0.00200953	0.294258	-3.39838	0.353666	0.765046	-1.30711	0.0462367	0.526818	-1.89819	9.83304	12.266	1.10882	1
cg18183817	0.149291	0.529048	-1.89019	0.00300292	0.187218	-5.34136	0.515726	0.76235	-1.31173	0.0343949	0.362045	-2.76209	6.93416	18.6179	2.38663	1
cg05844321	0.746559	1.05263	1.05263	0.00763468	1.72039	1.72039	0.0129367	0.613829	-1.62912	0.330465	0.853122	-1.17217	6.79982	2.69485	0.352278	1
cg08839186	0.266005	0.816237	-1.22513	0.0448398	1.49692	1.49692	0.545305	0.898314	-1.1132	0.488446	0.883999	-1.13122	6.3233	3.07363	0.432071	1
cg00816609	0.374069	1.15415	1.15415	0.613352	1.08335	1.08335	0.217385	0.815532	-1.22619	0.0116204	0.609168	-1.64158	5.49639	2.14922	0.347576	1
cg17054708	0.551341	1.15144	1.15144	0.358181	1.2474	1.2474	0.24605	1.32821	1.32821	0.0057216	0.428426	-2.33413	4.52307	3.92108	0.770583	1
cg00857526	0.12866	0.595994	-1.67787	0.00340659	3.50563	3.50563	0.788694	1.08834	1.08834	0.749754	1.10611	1.10611	4.25331	6.69034	1.3982	1
cg04102648	0.362378	1.09845	1.09845	0.00631309	1.42869	1.42869	0.621776	0.951345	-1.05114	0.0744547	1.2206	1.2206	3.78998	0.603911	0.141639	1
cg02333758	0.13713	0.562538	-1.77766	0.301776	0.680875	-1.4687	0.0538955	0.455531	-2.19524	0.219324	0.628697	-1.59059	3.7356	7.63724	1.81729	1
cg17378193	0.295847	1.18952	1.18952	0.0624381	1.39897	1.39897	0.611958	0.921362	-1.08535	0.00805359	0.580743	-1.72193	3.69183	1.49872	0.360849	1
cg02079455	0.100435	0.465078	-2.15018	0.0096415	0.248174	-4.02943	0.0284828	0.332954	-3.00342	0.0304394	0.338884	-2.95086	3.68783	10.5697	2.54764	1
cg17319007	0.43355	1.09009	1.09009	1.26E-07	0.163302	-6.12364	0.194832	1.15953	1.15953	0.00179745	1.61502	1.61502	55.5854	10.2564	0.164015	1
cg14974772	0.211043	0.847333	-1.18017	0.138459	0.818308	-1.22203	0.00541803	1.58425	1.58425	0.000111579	2.34923	2.34923	21.195	5.30522	0.222493	1
cg26936989	0.400822	1.25538	1.25538	0.00322248	0.345412	-2.89509	0.0296466	0.508087	-1.96817	0.752976	0.919891	-1.08709	5.6964	6.31044	0.984706	1
cg21116579	0.105817	0.819332	-1.22051	0.00425167	0.639923	-1.56269	0.251145	1.14373	1.14373	0.334837	1.11759	1.11759	5.26502	1.01043	0.149266	1
cg02082843	0.00213786	2.02027	2.02027	0.630957	1.0821	1.0821	0.179895	0.79279	-1.26137	0.915161	1.01752	1.01752	4.58493	1.92995	0.374163	1
cg23946548	0.121661	1.18584	1.18584	0.137419	1.17647	1.17647	0.0585984	1.24239	1.24239	0.0002704	0.545143	-1.83438	10.0799	1.64738	0.145274	1
cg16987524	0.0164452	3.66187	3.66187	0.000141287	18.3158	18.3158	0.00139789	7.76469	7.76469	0.0372415	2.91725	2.91725	8.20745	25.4832	2.75989	1
cg04956944	0.217909	1.0823	1.0823	0.00540193	1.25038	1.25038	0.49983	0.959067	-1.04268	0.364302	0.944703	-1.05853	7.39518	0.436087	0.052417	1
cg23869688	0.625959	1.08658	1.08658	0.0134611	1.67729	1.67729	0.576324	0.908991	-1.10012	0.0825454	0.722503	-1.38408	6.0648	2.74445	0.402241	1
cg24743301	0.7551	0.91886	-1.0883	0.346973	1.2994	1.2994	0.421962	0.801041	-1.24837	0.00740763	0.393375	-2.5421	5.59609	6.48231	1.02966	1
cg08020922	0.00342749	0.699524	-1.42954	0.074866	0.83668	-1.1952	0.0158432	0.766733	-1.30423	0.0827169	0.841381	-1.18852	5.324	0.681153	0.113724	1
cg09862219	0.351741	0.764386	-1.30824	0.00882196	0.392657	-2.54675	0.0202337	0.45611	-2.19245	0.013529	0.424477	-2.35584	5.29259	6.58877	1.10658	1
cg12516436	0.641179	1.14548	1.14548	0.110285	1.6547	1.6547	0.100326	1.68363	1.68363	0.927542	1.02667	1.02667	5.02329	6.66182	1.17883	1
cg04324615	0.0373491	3.13207	3.13207	0.00217011	7.63714	7.63714	0.0215747	3.68355	3.68355	0.0480753	2.90835	2.90835	4.97035	17.5746	3.14302	1
cg20313969	0.0385375	2.95989	2.95989	0.000864103	9.62288	9.62288	0.00931767	4.45202	4.45202	0.118088	2.15608	2.15608	4.71824	15.3177	2.88576	1
cg19744173	0.812269	0.902226	-1.10837	0.189549	0.54829	-1.82385	0.424142	0.702577	-1.42333	0.0704675	0.417158	-2.39717	4.31982	12.7947	2.63277	1
cg11229230	0.0777718	0.682701	-1.46477	0.00208276	2.32493	2.32493	0.313761	1.22492	1.22492	0.814556	1.04682	1.04682	4.297	2.58059	0.533827	1
cg02103918	0.371163	0.626095	-1.5972	0.0891937	0.384513	-2.60069	0.0366004	0.289802	-3.45063	0.0848087	0.378362	-2.64297	3.80392	15.6657	3.6607	1
cg01343045	0.938922	1.02938	1.02938	0.00330836	0.220574	-4.53362	0.604388	1.21831	1.21831	0.339438	1.4506	1.4506	3.78978	8.5671	2.0094	1
cg01703971	0.935908	1.03423	1.03423	0.00647707	0.227358	-4.39835	0.674655	0.838051	-1.19324	0.603838	0.803267	-1.24492	3.50636	9.72548	2.46548	1
cg08151731	4.08E-05	0.593946	-1.68365	6.47E-06	0.512272	-1.95209	0.125796	0.895614	-1.11655	0.00241747	1.32463	1.32463	27.095	1.90055	0.06235	1
cg10095534	0.750513	1.06639	1.06639	0.548421	1.13017	1.13017	0.0157181	1.81578	1.81578	0.729842	0.932529	-1.07235	12.968	8.33934	0.571618	1
cg03628053	0.0662636	0.577105	-1.73279	0.000233652	0.196209	-5.09661	0.09108	1.64323	1.64323	0.100129	0.618321	-1.61728	8.5886	9.68647	1.00251	1
cg22535307	0.00113052	0.158186	-6.32166	0.0163888	3.09289	3.09289	0.061909	2.24596	2.24596	0.00846117	3.6469	3.6469	8.02573	16.7365	2.08535	1
cg22110213	0.304833	1.13492	1.13492	0.133284	1.21275	1.21275	0.367238	1.11663	1.11663	0.118388	1.22375	1.22375	7.57585	1.70206	0.199706	1
cg09741789	0.345498	1.18293	1.18293	0.000375258	0.374068	-2.67331	0.268696	1.22041	1.22041	0.246035	0.810771	-1.23339	7.19571	3.40711	0.420882	1
cg01529092	0.328322	0.739719	-1.35186	0.000601579	0.205708	-4.86125	0.882399	1.04522	1.04522	0.0625418	0.534561	-1.87069	6.80856	9.62811	1.25699	1
cg17835606	0.0183462	2.47493	2.47493	0.0672747	0.522413	-1.9142	0.0402289	2.11798	2.11798	0.351433	0.738119	-1.3548	5.20062	8.25793	1.41145	1
cg18671950	0.428521	0.922605	-1.08389	0.492396	1.07196	1.07196	0.0403786	1.26615	1.26615	0.115939	1.18565	1.18565	4.48513	0.705558	0.139832	1
cg21406786	0.0300819	1.95673	1.95673	0.143008	1.51317	1.51317	0.0394661	1.87157	1.87157	0.362685	0.781784	-1.27913	4.4327	4.86083	0.974741	1
cg22832808	0.154711	1.45471	1.45471	0.327444	1.28243	1.28243	0.721104	0.915571	-1.09221	0.00500633	0.400973	-2.49393	4.153	3.98282	0.852463	1
cg04808130	0.379757	0.776864	-1.28723	0.00824949	0.388005	-2.57729	0.0489038	1.87793	1.87793	0.341673	0.759912	-1.31594	4.08484	5.0801	1.10546	1
cg23000950	0.680564	0.907806	-1.10156	0.225967	0.742982	-1.34593	0.812545	1.05708	1.05708	0.00806199	0.452507	-2.20991	4.05756	3.50831	0.768565	1
cg01818369	0.162811	2.36758	2.36758	0.00266325	11.062	11.062	0.00948436	6.69503	6.69503	0.0295225	4.40417	4.40417	3.91643	20.7573	4.71117	1
cg23117583	0.0964787	0.447587	-2.2342	0.00350619	0.174751	-5.72242	0.0630373	0.398071	-2.51211	0.466342	0.72142	-1.38616	3.79094	11.65	2.73167	1
cg19908534	0.00633286	0.252916	-3.95388	8.78E-05	0.0659671	-15.1591	0.962575	0.982017	-1.01831	0.629585	0.828657	-1.20677	8.90988	21.1055	2.10558	1
cg15358549	3.42E-05	0.248192	-4.02914	2.54E-05	0.234111	-4.27148	2.69E-05	0.236926	-4.22073	0.0929769	0.725341	-1.37866	32.2989	15.4416	0.424963	1
cg04093645	0.00052315	0.371237	-2.6937	0.000421571	0.359132	-2.78449	0.000246459	0.329667	-3.03337	0.968518	1.00726	1.00726	29.4433	15.6618	0.472827	1
cg19973085	0.01348	0.518976	-1.92687	7.45E-06	0.120652	-8.28827	0.107748	0.686349	-1.45698	0.000219184	0.266859	-3.7473	26.111	19.0157	0.647345	1
cg06068085	0.000161058	0.178668	-5.59697	3.33E-05	0.116263	-8.60121	0.000374254	0.218595	-4.57467	0.37762	0.785095	-1.27373	23.3237	26.3854	1.00557	1
cg12630983	0.000602205	0.255377	-3.91579	9.47E-05	0.166276	-6.01411	5.92E-05	0.147037	-6.80103	0.0324874	0.524266	-1.90743	22.0308	23.2223	0.936962	1
cg26802026	0.0022117	0.32682	-3.05979	0.000303387	0.216334	-4.62247	0.000256271	0.208089	-4.80563	0.651528	0.888205	-1.12587	21.7673	23.4403	0.957209	1
cg02593734	0.176749	0.801561	-1.24757	4.47E-05	0.304032	-3.28913	0.0713439	0.733269	-1.36376	0.00790885	0.591714	-1.69001	12.8348	4.82348	0.334057	1
cg14790000	0.435938	1.14304	1.14304	0.00604655	1.82782	1.82782	0.0108475	1.71275	1.71275	0.375105	0.858029	-1.16546	8.35956	3.74571	0.398289	1
cg23096272	0.343163	0.899944	-1.11118	0.206742	1.1546	1.1546	0.377884	0.906947	-1.1026	0.000775082	0.577427	-1.73182	8.16074	1.5062	0.16406	1
cg01901434	0.368655	0.713298	-1.40194	0.265774	1.52854	1.52854	0.105342	1.91065	1.91065	0.0509537	0.443295	-2.25583	5.5985	11.8711	1.88481	1
cg17564775	0.0480149	0.446268	-2.2408	0.000916204	0.170555	-5.86321	0.934428	1.02981	1.02981	0.670114	1.16529	1.16529	5.5403	11.1814	1.79395	1
cg06993118	0.781496	0.957281	-1.04463	0.0279104	0.66504	-1.50367	0.140341	1.28283	1.28283	0.268355	1.19844	1.19844	4.56945	1.78417	0.347073	1
cg23213887	0.241611	0.773108	-1.29348	0.117786	0.700039	-1.42849	0.352133	0.817887	-1.22266	0.100759	1.45849	1.45849	4.24887	2.96623	0.620553	1
cg22191665	0.0480784	1.49294	1.49294	0.0355697	0.647936	-1.54336	0.515642	1.12403	1.12403	0.626327	0.916646	-1.09093	4.09302	2.03939	0.442899	1
cg12940822	0.188774	1.20663	1.20663	1.53E-07	0.1098	-9.10748	0.210508	0.836945	-1.19482	0.570572	0.925586	-1.0804	38.2794	11.0329	0.256196	1
cg10757188	3.20E-06	3.91912	3.91912	0.102954	1.24708	1.24708	8.65E-06	3.309	3.309	0.0001131	2.31465	2.31465	38.3132	9.29583	0.215669	1
cg07638689	0.923074	1.01618	1.01618	0.338017	1.1784	1.1784	0.000108185	0.321694	-3.10854	0.00375445	0.521929	-1.91597	21.2029	9.27609	0.388882	1
cg17241447	0.0306392	0.605767	-1.6508	0.0282893	1.66712	1.66712	0.349127	0.82676	-1.20954	0.418895	0.849571	-1.17707	11.0478	6.81635	0.548436	1
cg11998425	0.00493315	1.58153	1.58153	0.0794205	1.27084	1.27084	0.302791	1.14042	1.14042	0.0231412	1.39691	1.39691	8.19266	1.96616	0.213325	1
cg17756521	0.00312289	0.497608	-2.00961	0.850743	1.03307	1.03307	0.0651965	0.699424	-1.42975	0.104291	0.735896	-1.35889	4.73114	2.23463	0.419844	1
cg27196496	0.461547	1.32726	1.32726	0.199305	1.66901	1.66901	0.257423	0.639927	-1.56268	0.215093	0.610868	-1.63701	4.69281	10.603	2.00837	1
cg19466131	0.616504	0.917141	-1.09034	0.0402043	0.666272	-1.50089	0.16177	0.774197	-1.29166	0.240753	1.23414	1.23414	4.62414	2.14895	0.413089	1
cg08679011	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13723576	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13740339	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17814481	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13982688	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14211930	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14350544	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14113203	FBP2	0.00130945	0.024926	6.07056	-1.49041	6.76398	0.955945	-1.04609	0.0332232	0.688058	-1.45126	0.370324	0.14701	1.14074	2.45E-05	0.284727	-3.15214	0.708279	1.05785	1.05785	0.08240802	0.750198	-1.33298	0.438366	0.888457	-1.12555	0.00936337	0.574358	0.17407	10.8864	3.86339	0.31516	1
cg05437148	FBS1	0.000396168	0.948915	0.98104	-1.01204	4.96E-05	0.241017	-4.14909	0.0927586	0.707886	-1.41266	0.08215548	0.531779	-1.88408	0.001050963	0.278509	3.59054	0.000299616	0.333333	-3	0.009967593	0.542719	-1.84257	0.012443	0.559387	-1.78767	0.0113033	0.552931	-1.80855	15.2406	8.42017	0.491096	1
cg09020705	FBS1	0.000626154	0.608923	0.897009	-1.11482	0.0134916	0.525105	-1.90438	0.383285	0.828352	-1.20722	0.000718429	0.31812	-2.95753	0.000257514	0.281633	-3.55072	3.72E-05	0.188228	-5.31272	0.914096	1.02299	1.02299	0.0772466	0.661153	-1.51251	0.0669307	0.648819	-1.54126	13.4231	9.43209	0.624601	1
cg02537309	FBS1	0.00483677	0.281779	0.747395	-1.33798	0.513637	0.84153	-1.18817	0.135991	0.51921	1.51921	0.762508	0.924142	-1.08209	0.000174486	0.15015	-6.66131	0.066121	0.59475	-1.71201	0.01747444	1.12339	1.12339	0.981756	1.00597	0.106271	0.7004699	0.142715	0.743126	7.95505	0.353853	1
cg27013931	FBS1	0.0107553	0.580403	0.883614	-1.13172	0.444443	0.984674	-1.01556	0.538367	1.14804	1.14804	0.016725	0.52348	-1.91029	0.000136006	0.272702	-3.667	0.323567	1.2535	1.2535	0.095139	0.998651	-1.00135	0.233418	0.31898	1.31898	0.915489	1.0238	0.573418	4.49101	0.691355	1
cg23894003	FBS1	0.00149428	0.493966	0.928884	-1.07656	0.0085836	0.142765	-1.42765	0.0197061	0.741453	-1.3487	0.214772	0.870494	-1.14877	0.245555	0.878984	-1.13768	1.3891	1.08823	1.08823	0.004349029	1.4988	1.4988	0.258745	1.13331	1.13331	0.916646	0.988943	-1.01118	5.12554	0.915605	0.158787	1
cg02234847	FBS1	0.0324554	0.171632	1.17744	1.17744	0.484684	0.92339	-1.08297	0.0594289	1.26975	1.26975	0.7596	1.03815	1.03815	0.00253504	0.6248006	-1.6005	0.643438	1.05371	1.05371	0.0439149	0.771122	-1.29681	0.661662	0.951775	-1.05067	0.6608865	1.0508	1.0508	1.9874	0.795584	0.177355	1
cg20531039	FBS1	0.00185191	0.379328	1.07323	0.6847239	1.18509	0.138059	1.55102	0.0147612	0.8255508	-1.21138	1.40E-05	0.183738	1.83738	1.51E-05	0.5408734	-1.82457	0.0106612	0.806162	-1.24004	0.4650563	1.05172	1.05172	2.10E-06	2.287E-13	1.02E-05	0.00404105	0.771707	-1.29583	44.3554	3.15463	0.0634195	1
cg21879575	FBS1	0.000338778	0.225369	-1.49735	0.0107021	3.51415	0.154615	2.15163	0.0136026	2.19827	2.19827	0.853119	-1.04919	1.91E-06	0.0475628	21.0249	2.69E-05	0.337895	-2.9595	0.00155603	0.551354	-1.81372	0.0374852	1.37162	1.37162	0.000364487	0.473455	-2.11214	21.4577	5.82309	0.241223	1
cg18450555	FBS1	0.0023436	0.923023	0.979306	-1.0207	3.44E-06	0.015962	-2.26	0.0763166	0.575403	-1.77389	0.134687	0.203172	-2.10213	0.00264102	0.4747227	-2.1222	0.884024	1.04104	1.04104	0.875653	1.1231	1.1231	0.0996417	1.65631	1.65631	0.0154704	0.833178	1.20022	0.203187	24.6444	0.916304	1
cg25341089	FBS1	0.000683018	0.56703	0.929981	-1.07541	0.000315666	0.480312	-2.08198	0.00322078	0.603479	-1.65708	0.00188713	0.83264	-1.83245	0.0464345	0.906491	-1.10315	0.455358	0.908888	-1.10025	0.00328418	1.65422	1.65422	0.131547	1.22696	1.22696	0.0266182	0.71786	-1.39303	3.10318	3.27548	0.222242	1
cg24182529	FBS1	0.000608756	0.000212756	2.94938	-3.77446	0.570504	0.00702	-1.12019	0.281776	1.24179	1.24179	0.0784536	0.679154	-1.47251	0.240934	0.784246	-1.27511	0.766609	0.942726	-1.0607	0.002015533	0.264846	3.79578	0.0014885	1.52193	1.51743	0.432319	1.17532	1.17532	1.82996	7.5042	0.551748	1
cg22325186	FBS1	0.00107756	0.0392877	1.8313	1.8313	5.97E-05	0.57526	0.57526	0.000281172	0.51074	-1.91074	0.390009	0.25041	-1.25041	0.601672	0.874926	-1.14295	0.122251	1.52945	1.52945	0.00953826	0.30001	3.30001	0.00748146	2.39541	2.39541	0.0611271	1.70807	1.70807	1.51196	11.7428	0.95021	1
cg01406377	FBS1	0.00210051	0.156605	1.28878	1.28878	0.321769	0.18695	1.18695	0.495593	0.890608	-1.12283	0.0776865	1.38862	1.3862	0.000107186	0.318525	-3.13947	0.440357	0.87656	-1.14082	0.00466759	1.87728	1.87728	0.016824	1.07729	1.07729	0.106514	0.744465	-1.34325	0.504699	4.22007	0.394653	1
cg25130710	FBS1	0.000212242	0.000635224	3.28225	1.28225	0.0008432	0.14154	1.45154	0.489316	1.28691	1.28691	0.79924	0.953535	-1.04908182	0.145314	0.8574823	-1.16573	0.051783	2.2407	2.2407	0.000977027	0.51878	0.51878	0.0042751	0.84275	0.84275	0.0206049	0.72232	0.72232	0.74923	19.3582	0.81585	1
cg14078579	FBS1	0.00214878	0.42266	0.909961	-1.09895	0.97096	1.0042	1.0042	0.00467307	0.648383	-1.5423	0.00559531	0.666062	-1.50136	0.0115453	0.6949642	-1.43893	0.48442	1.0853	1.0853	0.00197806	0.6044144	-1.65449	0.0169671	0.715028	-1.39855	0.000207694	0.489019	-2.04491	9.44211	1.98475	0.186846	1
cg17432598	FBS1	0.00242334	0.00729087	0.313719	-3.18756	0.00281821	0.732711	-4.29717	0.0501871	0.28953	-3.45387	0.0165994	0.375284	-2.66465	0.000215696	0.163305	-6.1235	0.012196	0.351249	-2.84703	0.004091583	0.288093	-3.47218	0.00169763	0.222698	-4.49039	0.0324697	0.432289	-2.31327	9.15115	16.2015	1.57994	1
cg06547613	FBS1	0.0023596	0.310666	1.736347	1.35806	0.000165581	0.153539	-5.61298	0.000557017	0.208941	-4.77531	0.157407	0.248521	-4.55557	0.032975	0.387478	-2.58074	0.23126	1.44283	1.44283	0.886066	1.04275	1.04275	0.623355	1.15568	1.15568	0.0821	0.994729	-1.00657	0.564518	2.12229	1.19997	1
cg06868569	FBS1	0.00250767	0.0602214	0.758626	-1.31817	0.0188118	0.690081	-1.4491	0.880661	0.98061	-1.01977	0.223836	1.18123	1.18123	0.740281	1.04411	1.04411	0.0690776	0.767116	-1.30358	4.37E-05	0.364057	-2.74682	0.985586	1.00236	1.00236	0.914792	0.986147	-1.01405	0.0239	2.42777	0.239144	1
cg00278316	FBS1	0.00278164	0.0239084	1.68787	1.68787	0.0102997	0.312751	1.36208	0.313992	1.22001	1.22001	0.0690401	1.96579	1.96579	0.206536	0.772789	-1.29406	0.0478644	1.54913	1.54913	0.00204181	1.16633	1.16633	0.0908836	2.06404	2.06404	0.0048688	2.05947	2.05947	0.75302	5.18907	0.527022	1
cg08085917	FBS1	0.00362112	0.0993558	0.752851	-1.32828	0.0011545	0.21765	2.11765	0.0046838	1.80582	1.80542	0.399826	0.873325	-1.14505	0.0703149	0.7231	1.3738	1.3738	1.3738	1.3738	0.2062	0.801952	-1.23312	0.0279265	1.50413	1.50413	0.0116938	0.609058	-1.64067	0.899031	0.980248	-1.02015	0.809094	3.16481	0.347693	1
cg19530709	FBS1	0.00457526	0.0513781	0.737553	-1.35603	0.0113795	0.5397	1.8534	0.0127006	1.85529	1.85529	0.0188944	1.56155	0.000282611	0.0134815	1.64565	1.64565	0.240124	0.864525	0.864525	0.763116	1.1042	1.1042	0.466619	0.303305	3.30305	0.0027	4.17276	?	?	0.0188083	0.401874	-2.48834	14.5408	0.0334	1
cg21441866	FBS1	0.00525738	0.075702	0.750351	-1.33271	0.000543036	0.457936	-2.18371	0.789973	0.961961	-1.03954	0.600988	0.926205	-1.07967	0.047528	0.719445	-1.38996	0.00244062	0.541879	-1.84543	0.024188	1.47764	1.47764	0.693482	0.940076	-1.05924	0.175366	0.811103	-1.23289	7.22684	2.41566	0.297122	1
cg18039933	FBS1	0.00574343	0.206244	1.54939	1.54939	0.20829	1.54602	1.54602	0.0651001	1.97424	1.97424	0.05353	2.0547	2.0547	0.0075029	0.169584	-5.89676	0.199347	1.56104	1.56104	0.023465	0.4455079	-2.69582	0.0129755	0.559381	0.559381	0.0129755	0.0138824	0.0138824	0.0129755	0.0129755	0.0129755	0.0129755	1
cg06879443	FBS1	0.00107337	0.108156	0.844289	-1.18439	0.0140607	1.94307	1.94307	0.0138083	1.49421	1.49421	0.70519	0.923485	-1.08293	0.0013798	0.316459	-3.16018	0.0129326	0.806407	-1.23798	0.0013798	0.316459	-3.16018	0.0129326	0.806407	-1.23798	0.0013798	0.316459	-3.16018	0.0129326	0.806407	-1.23798	0.0013798	0.316459	-3.16018	1
cg14240634	FBS1	0.00832883	0.568244	0.899604	-1.1116	0.0155533	0.580261	-1.72336	0.00159898	0.435783	-2.29472	0.696451	0.930608	-1.07457	0.0478377	0.71405	1.4304	1.4304	1.4304	1.4304	0.193296	1.33893	1.33893	0.0442632	1.52788	1.52788	0.0677627	0.687058	-1.45548	0.0584139	0.675516	-1.48035	0.26413	3.33847	0.473725	1
cg00360256	FBS1	0.00904659	0.0062803	0.313378	-3.19153	0.0189054	0.394134	-2.53721	0.00380545	0.255655	-3.91255	0.0043633	0.195184	0.653047	-1.53066	0.0127166	0.274805	-1.42402	0.392017	0.704344	0.0254496	0.192033	0.192033	0.0004888	0.195037	0.195037	0.0004688	0.192033	0.192033	0.0004888	0.192033	0.192033	0.0004888	0.192033	0.192033	0.0004888	1
cg15282907	FBS1	0.0103084	0.580754	-1.25711	1.12571	0.464418	0.117122	-1.17122	0.120434	0.955028	1.04502	0.0158102	0.533872	-1.87511	0.00515022	0.456477	-2.19069	0.720842	0.926663	-1.07944	0.0139714	0.731478	0.731478	0.0208851	1.80419	1.80419	0.0158242	1.80419	1.80419	0.0158242	1.80419	1.80419	0.0158242	1.47716	0.634336	1
cg02622520	FBS1	0.0103157	0.0941404	0.695045	-1.43876	0.0547577	0.650097	-1.53823	0.0476517	0.6391	-1.5647	0.9128102	0.983472	-1.01681	0.000226082	0.295749	-3.36079	0.340774	1.21415	1.21415	0.98805	0.997044	-1.00296	0.776159	1.05796	1.05796	0.615196	0.904671	-1.10537	0.548466	3.61899	0.55004	1
cg02104067	FBS1	0.0453804	0.1245924	1.31656	1.31656	0.110372	0.161839	-1.62004	0.0504134	0.656569	-1.52347	0.0194008	0.967579	1.96579	0.206536	0.772789	-1.29406	0.0478644	1.54913	1.54913	0.00204181	1.16633	1.16633	0.0908836	2.06404	2.06404	0.0048688	2.05947	2.05947	0.75302	5.18907	0.527022	1
cg11228480	FBS1	0.0111277	0.0227841	0.737496	-1.35594	0.107917	2.16153	2.16153	0.62616	1.05716	1.05716	0.429733	0.918873	-1.09424	0.00405652	0.649805	-1.53871	0.352945	0.898709	-1.11271	0.0173271	0.714451	-1.40559	0.0319851	1.32414	1.32414	0.168855	1.17798	1.17798	5.71124	1.12925	0.175755	1
cg06230498	FBS1	0.0145442	0.1680864	1.56465	1.56465	0.0388224	0.54153	1.54153	0.0184848	0.552563	-1.80956	0.148776	0.6727	-1.48673	0.0810312	0.778864	-1.28431	0.0155955	0.644844	1.55045	0.0281966	0.708316	-1.41162	0.0442884	1.61038	1.61038	0.0179366	1.24153	1.24153	1.56038	2.04578	0.0560592	1
cg01049482	FBS1	0.0131831	0.00869413	0.725793	-1.3778	0.487688	1.06991	1.06991	0.0955211	1.19185	1.19185	0.451188	0.917481	1.08741	0.07635	1.07635	0.146252	0.8611556	0.161256	-6.16123	0.0129996	1.34368	1.34368	0.00391298	1.45092	1.45092	0.83236	0.979889	-1.02052	0.854204	1.01779	-1.01779	5.40539	0.786391	0.129318	1
cg07055555	FBS1	0.0158038	2.58133	1.33001	1.33003	0.0197468	0.506371	-1.97484	0.00975709	0.453875	-2.20325	0.130719	0.67405	-1.48357	0.742163	1.08306	1.08306	0.109835	0.656204	-1.52392	0.16549	1.44904	1.44904	0.0750607	1.61467	1.61467	0.02796	1.8733	1.8732	5.09183	4.71111	0.822425	1
cg25094349	FBS1	0.00578667	1.140627	1.14062	1.14062	0.0138221	0.91381	-1.09441	0.753703	1.04826	1.04826	0.0268634	1.12818	0.0203149	0.0109436	0.712038	-1.40407	0.0142425	0.690482	-1.44837	0.0109436	0.712038	-1.40407	0.0142425	0.690482	-1.44837	0.0109436	0.712038	-1.40407	0.0142425	0.690482	-1.44837	0.0109436	0.712038	-1.40407	1
cg25809722	FBS1	0.0183137	0.0750053	0.807505	-1.23838	0.309876	0.892872	-1.11998	0.0482756	0.783988	-1.27553	0.825932	1.02403	1.02403	0.677091	1.04619	1.04619	0.180684	1.16564	1.16564	0.00199505	1.60094	1.60094	0.0589914	0.794586	-1.25852	0.299953	0.890628	-1.1228	4.84686	0.892574	0.163693	1
cg09529979	FBS1	0.0950089	0.4586218	1.15299	1.15299	0.0847387	0.745457	-1.33787	0.734887	1.07449	1.07449	0.0212838	1.07063	1.07063	0.0244814	0.405937	-2.46344	0.0887684	0.606611	-1.64871	0.0244814	0.405937	-2.46344	0.0887684	0.606611	-1.64871	0.0244814	0.405937	-2.46344	0.0887684	0.606611	-1.64871	0.0244814	0.405937	-2.46344	1
cg03621476	FBS1	0.0232093	0.50273	0.910254	-1.09859	0.0077555	0.621808	-1.60821	0.249755	0.8460301	-1.18225	0.0965116	0.365116	0.879282	-1.13729	0.313097	0.654811	0.525716	0.0595974	1.34167	0.045247	0.721062	-1.38684	0.013906	0.656983	-1.52211	0.0380818	-1.13531	4.47087	1.35332	0.269064	1
cg07154904	FBS1	0.0244716	0.0296879	4.21036	4.21036	0.0791979	2.98806	2.98806	0.0187996	4.94741	4.94741	0.0170308	5.1248	5.1248	0.07298	0.325202	-3.07501	0.158794	2.33032	2.33032	0.0285101	4.2706	4.2706	0.0290567	4.24222	4.24222	0.309236	1.80593	1.80593	4.38969	2.91942	0.444157	1
cg19637821	FBS1	0.0488332	0.0004696	0.154128	-6.48853	0.217185	0.774769	-1.29113	0.0475803	0.2755	-3.63007	0.0210371	0.360009	-2.77777	0.0015872	0.158732	-6.30157	0.121244	0.679399	-1.47189	0.0015004	0.342641	-2.9185	0.266605	0.766212	-1.30512	0.0979123	0.658445	-1.51873	4.36102	3.65602	0.674824	1
cg10304922	FBS1	0.0259027	0.155058	0.671808	-1.48852	0.00631043	0.394621	-2.53407	0.0255422	0.49976	-2.00096	0.891894	0.965078	-1.03619	0.0131042	0.51636	-1.93664	0.0244568	0.51626	0.01526	0.987877	0.996036	-1.00398	0.708822	1.10303	1.10303	0.393284	0.795649	-1.25684	0.470334	3.58477	0.663753	1
cg24846373	FBS1	0.0099603	0.0159564	0.615169	-1.62537	0.0126644	0.260616	-3.83743	0.0016939	0.32268	-3.09876	0.0012211	0.226373	-4.41911	0.0079764	0.382473	-2.61459	0.774423	0.7158	0.7158	0.0496854	0.382473	-2.61459	0.0079764	0.7158	0.7158	0.0496854	0.382473	-2.61459	0.0079764	0.7158	0.7158	0.0496854	0.382473	-2.61459	1
cg24800655	FBS1	0.0304744	0.0969713	0.26047	-3.83921	0.00220096	0.0420144	-23.8014	0.00989544	0.0901176	-11.0966	0.563201	0.649471	-1.53972	0.290906	0.445152	-2.24642	0.160659	0.101507	0.101507	0.727954	0.772691	-1.29418	0.530379	0.625406	-1.59896	0.765778	1.24684	1.24684	4.06411	35.0998	7.67691	1
cg12659294	FBS1	0.0324824	0.0466369	0.672325	-1.48758	0.0175136	1.21125	1.21125	0.0802288	1.10825	1.10825	0.0496723	0.790267	1.00673	0.0015679	0.453442	-2.20533	0.0660376	0.698697	-1.43123	0.0387955	0.75976	0.75976	0.0153433	1.08982	1.08982	0.0438737	1.10014	1.10014	5.97329	1.90182	0.427709	1
cg03780348	FBS1	0.0184248	0.724753	0.967016	-1.03411	0.249723	1.12089	1.12089	0.269856	0.896724	-1.11517	0.143876	0.861592	-1.16064	0.000609109	0.605864	-1.65054	0.064522	0.821179	-1.21776	0.622184	0.959371	-1.04825	0.241155	1.17112	1.17112	0.790995	0.975115	-1.02552	4.83699	0.689533	0.126715	1
cg20802214	FBS1	0.0252295	0.000962	0.741565	-1.34845	0.0128647	0.28157	-3.55109	0.0145855	0.458828	-2.17952	0.0124316	0.327704	-3.05168	0.0139968	0.815258	-1.22658	0.108009	0.575628	-1.73723	0.0160108	0.394113	-2.53734	0.0946232	0.559818	-1.78632	0.025441	0.432272	2.31336	3.96853	2.62772	1.40387	1
cg05423304	FBS1	0.0325738	0.260158	0.690112	-1.44904	0.797636	0.922065	-1.08452	0.0533999	0.500125	-1.99952	0.399611	0.761626	-1.31298	0.001974211	0.251435	-3.97717	0.108009	0.575628	-1.73723	0.0160108	0.394113	-2.53734	0.0946232	0.559818	-1.78632	0.025441	0.432272	2.31336	3.96853	2.62772	1.40387	1
cg18565899	FBS1	0.0169487	0.296766	0.860086	-1.16267	0.0153536	0.660044	-1.51368	0.0094157	0.63218	-1.58183	0.46629	1.13088	1.10892	0.0383023	0.70806	-1.41231	0.153392	0.808164	-1.23737	0.133519	1.25276	1.25276	0.364916	0.87815	-1.1385	0.108586	0.783601	-1.27616	3.79178	1.16575	0.27328	1
cg27448512	FBS1;HRC17;HRC17;RBX13	7.39E-07	0.00798732	2.04813	1.04813	0.0001456	0.454652	-2.20431	1.07E-06	0.455652	-2.19481	1.56E-06	0.454652	-2.20431	1.07E-06	0.455652	-2.19481	1.56E-06	0.454652	-2.20431	1.07E-06	0.455652	-2.19481	1.56E-06	0.454652	-2.20431	1.07E-06	0.455652	-2.19481	1.56E-06	0.454652	-2.20431	1.07E-06	0.455652	-2.19481	1.56E-06	1
cg17356328	FBL4	7.73E-05	0.0942407	1.25572	1.25572	0.00235665	1.69071	1.69071	0.00519039	1.57872	1.57872	0.0460363	1.32709	1.32709	0.0293533	1.1739	1.1739	0.314706	0.879253	-1.13733	2.08E-05	0.345472	-2.89459	0.000797235	1.87175	1.87175	8.77E-05	2.38764	2.38764	23.7194	5.75502	0.21567	1
cg17824096	FBL4	0.000500006	0.0193377	1.57166	1.57166	0.0004019	0.534002	1.88284	0.0001744	0.555578	1.80067	0.0001134	0.574534	1.74056	0.0001724	0.581027	1.72129	0.0004555	0.881496	1.13459	0.0001724	0.581027	1.72129	0.0004555	0.881496	1.13459	0.0001724	0.581027	1.72129	0.0004555	0.881496	1.13459	0.0001724	0.581027	1.72129	1
cg15055553	FBL4	0.00605917	0.0214566	-1.54775	-1.83562	0.264946	0.774606	-1.29098	0.256687	0.70786	-1.29725	0.102078	0.674792	-1.48194	0.000899773	0.340994	-2.93261	0.0750181	0.622882	-1.60544	0.00344688	0.281889	-3.54749	0.247385	0.760542	-1.30456	0.0319605	0.575513	-1.73758	0.91816	1.29482	0.680312	1
cg19617932	FBL4	0.0102302	0.0622854	1.65766	1.65766	0.102052	0.649874	-1.53876	0.938658	1.01871	1.01871	0.311544	1.28678	1.28678	0.531111	1.16508	1.16508	0.0388907	1.77867	1.77867	0.00365999	0.388104	-2.57653	0.00398283	0.993645	-2.54036	0.978659	1.00646	1.00646	5.86771	5.39011	0.816538	1
cg14375747	FBL4	0.0108896	0.0147746	0.364092	-2.74623	0.0795824	0.114154	-2.05512	0.0228313	0.464656	-2.15244	0.0164708	0.358778	-2.78958	0.0259073	0.444006	-2.25177	0.167225	0.359292	-2.78326	0.0164708	0.358778	-2.78958	0.0259073	0.444006	-2.25177	0.167225	0.359292	-2.78326	0.0164708	0.358778	-2.78958	0.0259073	0.444006	-2.25177	1
cg22151768	FBL4	0.0278579	0.148047	0.680319	-1.4699	0.440083	1.21586	1.21586	0.972808	1.0085	1.0085	0.959454	0.987459	-1.0127	0.66709	0.898147	-1.1134	0.377426	1.2521	1.2521	0.00602442	0.268917	-3.71861	0.257776	0.745913	-1.34064	0.473609	1.19832	1.19832	4.19529	0.90426	0.867483	1
cg24266802	FBL4	0.0105171	0.0705374	0.615455	-1.62464	0.0127657	0.764643	1.64643	0.0166555	0.718188	1.39222	0.0183012	0.764266	-1.30849	0.0107256	0.777577	-1.28602	0.0554227	0.782202	1.27877	0.0107256	0.777577	-1.28602	0.0554227	0.782202	1.27877	0.0107256	0.777577	-1.28602	0.0554227	0.782202	1.27877	0.0107256	0.777577	-1.28602	1
cg14020146	FBL5	0.00173553	0.180235	0.690382	-1.44847	7.90E-05	0.41029	0.41029	0.00384529	2.75736	2.75736	0.00321805	2.8484	2.8484	0.0153119	2.17086	2.17086	0.0175473	1.12234	1.12234	0.161763	1.47552	1.47552	0.253444	1.36416	1.36416	0.0980755	1.60393	1.60393	10.0474	10.7874	0.954349	1
cg10337122	FBL5	0.0117308	0.0236994	0.527361	-1.89624	0.837722	0.951408	-1.05107	0.0221346	0.91564	-1.09154	0.187903	1.39188	1.39188	0.210829	0.731684	-1.36671	0.0355899	0.560092	-1.78542	0.00806194	0.447467	-2.2348	0.0117204	0.474168	-2.10887	0.0944445	0.646873	-1.5459	6.51464	4.99273	0.79041	1
cg13434313	FBL5	0.0106574	0.0106574	1.44647	1.44647	0.0139727	0.997449	-1.00256	0.0078668	1.28586	1.28586	0.0037268	1.39656	0.0151707	1.2428	1.2428	0.0297452	1.15702	0.864427	1.15702	0.0044255	0.724828	0.724828	0.0796246	1.05862	1.05862	0.085901	1.48838	1.48838	5.27212	1.37904	0.261807	1
cg10982567	FBL5;FBXL15	0.00350414	0.035434	0.748211	-1.33652	0.466866	0.09165	1.09165	0.60933	1.06295	1.06295	0.423499	1.32497	1.10167	0.0112212	1.4569	1.4569	0.5699994	0.934262	-1.07036	0.000429136	0.516817	-1.93492	0.00781555	0.667378	-1.4984	0.113435	1.22632	1.22632	8.17091	1.81546	0.197498	1
cg20683651	FBL5;PSD	0.0042683	0.0242683	0.588215	-1.70015	0.0206455	0.182805	1.93021	0.0134766	0.518241	1.09994	0.0107884	0.601841	1.66193	0.0037221	0.601672	-1.66202	0.1808841	1.1572	1.1572	0.0107884	0.601672	-1.66202	0.0107884	0.601672	-1.66202	0.

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(217 vs. N)	Fold-Change(217 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. 537 vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537T vs. N)	p-value(637 vs. 637 vs. N)	Fold-Change(637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
sg17796593	FBXL21	0.00054629	0.00113277	2.03661	-6.61659	0.03064359	0.284752	-3.51182	0.00505387	0.30605	-3.26744	0.202456	0.65066	-1.5369	0.00388942	0.288921	-3.46115	0.00053212	0.178648	-5.5975	5.06E-05	0.0883808	-11.3147	0.00935346	0.3494024	-2.85533	0.00119139	0.219311	-4.55974	13.9433	22.5243	1.43593	1
sg14827778	FBXL21	0.0138242	0.367785	1.33436	1.3436	1.0064	0.577103	-1.73279	0.121877	0.592847	-1.68678	0.0311699	2.2001	2.2001	0.00843969	0.350387	2.85399	0.0200806	0.41706	-2.39773	0.00709227	0.338011	-2.95849	0.473976	1.2549	1.2549	0.352835	0.742237	-1.34728	5.32193	8.19405	1.3686	1
sg13725763	FBXL21	0.0147657	0.747331	0.810632	-1.23361	0.11557	0.329208	-3.03759	0.0052374	0.0914387	-10.9363	0.96491	0.925316	-1.08071	0.00163304	0.0533611	-18.7403	0.0390413	0.211938	-4.71836	0.00533671	0.0922005	-10.8459	0.507602	0.646233	-1.54743	0.172593	0.389533	-2.56718	5.207772	34.7929	5.93869	1
sg12383246	FBXL21/FBXL21	0.032789	0.130285	17.5658	17.5658	0.033782	119.832	119.832	0.00517605	4292.46	4292.46	7	7	7	0.0082007	2.06E+09	2.00694	2.00694	7	7	0.0102066	997.531	997.531	0.580748	0.404436	-2.47304	7.78477	215.136	15.7917	1
sg10104482	FBXL22	0.0184966	0.405281	1.1645	1.1645	0.0065633	0.531812	-1.88036	0.38266	0.852038	-1.17366	0.284893	0.81982	-1.21978	0.358694	1.18384	1.18384	0.155659	0.762076	-1.3122	0.0978949	0.722704	-1.38369	0.0141367	1.71875	1.71875	0.0353117	1.55023	4.83065	2.44734	0.450334	1
sg05048199	FBXL22/FBXL22	0.013526	0.2024488	1.149651	1.149651	0.1278556	1.18603	1.18603	0.0265163	1.33134	1.33134	0.156467	0.85462	1.17011	0.0864222	0.708421	1.41478	0.8256911	1.022312	1.02312	0.0207262	0.740295	-1.33459	0.04114	0.783333	-1.2766	0.120836	1.19048	1.30648	5.36214	0.911869	0.151218	1
sg00276377	FBXL3	0.00328027	0.912718	1.02198	1.02198	0.05612334	1.515666	1.515666	0.447797	1.1658	1.1658	0.0453927	1.57632	1.57632	0.00287337	0.443478	-2.2549	0.0014445	0.401314	-2.49182	1.77E-05	0.1754731	-5.69887	0.0117977	0.536033	-1.86556	0.8053183	0.95218	-1.05022	16.05424	9.99615	0.553527	1
sg11582226	FBXL3/FBXL5	0.000888147	0.95716	1.01121	1.01121	0.5104958	1.099	1.099	0.5437795	1.38923	1.38923	0.277912	0.8052157	-1.175	0.672005	0.941552	-1.06208	0.136555	1.15941	1.15941	0.0105624319	0.25674	2.01574	0.663827	1.0638	1.0638	4.72E-05	0.337567	-2.95887	12.1682	3.85404	0.281538	1
sg14106250	FBXL3	0.00726815	0.67634	0.8081613	1.16856	0.56103	-1.78244	0.3549127	1.2619	1.2619	0.0200766	0.5013398	-1.99466	0.0037826	0.3824787	1.61447	0.0131803	0.4693003	2.13082	0.0834667	0.0597426	0.4854077	1.59677	0.158607	0.180624	0.704723	1.419	0.537954	2.74055	0.8530779	1
sg25707057	FBXL3	0.0271275	0.538566	0.924381	-1.08181	0.000845824	1.88448	1.88448	0.0771833	1.28163	1.28163	0.50563	1.08904	1.08904	0.601156	1.06887	1.06887	0.856958	0.977473	-1.02305	0.617037	0.938319	-1.06574	0.470372	0.911433	-1.09717	0.0469298	1.33271	1.33271	4.23666	1.06953	0.224504	1
sg26106149	FBXL3/FBXL5	0.00820376	0.8845	1.0313	1.0313	0.2855372	1.27447	1.27447	0.1944707	1.05428	1.05428	0.105853	1.19988	1.19988	0.644115	1.0991	1.0991	0.925857	0.990444	-1.00965	0.0801525	0.921414	1.08214	0.827177	0.879497	1.02281	0.637084	0.952159	-1.05025	8.28001	1.05948	0.149819	1
sg12604490	FBXL4	0.0143384	0.428921	0.758467	-1.31845	0.380556	0.734974	-1.36059	0.923109	1.0336	0.25166	0.592161	1.50043	0.130435	0.0384135	0.202999	4.92612	0.0192459	0.379311	-2.63637	0.00622487	0.294977	-3.39009	0.367122	1.37324	1.37324	0.225567	0.646815	-1.54604	5.2584	9.76051	1.64993	1
sg00106095	FBXL4	0.0212806	0.654834	0.829437	-1.60403	0.122121	0.361519	-1.33113	0.0857858	0.735091	-1.36049	0.0828202	0.732409	-1.36536	0.0105678	0.450616	2.2129	0.1439094	0.77531	-1.28981	0.826089	0.964952	-1.03632	0.0939212	0.71975	-1.38937	0.0164662	0.621778	-1.60829	4.662009	1.91751	0.370044	1
sg23269225	FBXL4	0.025872	0.142526	1.17786	1.17786	0.0224116	1.13154	1.13154	0.0484678	1.26614	1.26614	0.812831	1.02514	1.02514	0.0486194	0.2568	3.26588	0.1567472	0.9413	-1.06236	0.2698185	0.893261	-1.11949	0.0356679	0.7742408	-1.29164	0.0164982	1.35884	1.35884	4.30661	0.7746939	0.154241	1
sg21122466	FBXL4	0.0278815	0.234592	0.770284	-1.29822	0.220536	1.30972	1.30972	0.665649	0.91295	-1.09535	0.449875	1.51705	1.17503	0.00378342	0.441129	-2.26691	0.312736	0.803529	-1.24451	0.220245	1.30097	1.30972	0.0192285	1.80995	1.80995	0.174753	0.739065	-1.35306	4.19404	2.91486	0.617778	1
sg03936368	FBXL4	0.0422293	0.0651175	1.46865	1.46865	0.1298565	1.38185	1.38185	0.0265163	1.33134	1.33134	0.156467	0.85462	1.17011	0.0864222	0.708421	1.41478	0.515936	1.53609	-1.85462	0.0433484	0.515128	1.94035	0.0313454	0.5158205	1.93854	0.0281415	0.61003	1.63941	3.84115	6.61003	2.32582	0.81581	1
sg05810439	FBXL5/FBXL5	0.0110818	0.0931249	0.681774	-1.46676	0.3208325	0.808392	-1.23702	0.421788	0.843521	-1.18551	0.0878224	1.47801	1.47801	0.000387822	0.309291	-3.2332	0.354687	1.19524	1.19524	0.000247016	0.299021	-3.33074	0.899028	0.974717	-1.02594	0.967441	1.00827	1.00827	5.3379	3.4426	0.572885	1
sg00891765	FBXL5/FBXL5	0.0144556	0.122041	0.629003	-1.58982	0.208731	0.693098	-1.4428	0.0394109	0.517278	-1.9332	0.504037	1.26531	1.20631	0.0403519	0.519734	-1.92406	0.0969305	1.65537	1.65537	0.00128772	0.279139	-3.66114	0.148097	1.53491	1.53491	0.524818	0.836715	1.19515	5.24432	3.56021	1.07732	1
sg20135608	FBXL5/FBXL5/FBXL5/FBXL5	0.0161622	0.000648305	0.13772	-7.26112	0.810843	1.09513	1.09513	0.212368	1.6451	1.6451	0.859865	1.06927	1.06927	0.362364	0.701296	-1.42593	0.101225	0.506531	-1.97421	0.1039	0.509706	-1.96192	0.0804755	2.08505	2.08505	0.3188039	0.676281	-1.47868	5.054	11.4974	2.02214	1
sg18340332	FBXL6/GPR172A/FBXL6	0.0115066	0.647171	0.87955	-1.08808	0.1888104	0.543832	-1.82355	0.605125	1.09851	1.09851	0.0986	1.14296	1.14296	0.919632	0.902624	-1.10974	0.0604048	0.682916	1.46431	0.0400064	1.53126	1.53126	0.0880906	1.60735	1.60735	0.0427257	0.726063	0.938806	-1.06518	5.64982	2.90359	0.454824	1
sg18373623	FBXL7	0.000146818	0.000451372	0.290483	-3.44255	0.0059989	0.448101	-2.23164	0.0915393	0.560169	-1.78511	0.0447019	0.603181	-1.65788	1.42E-05	0.132435	-7.55085	0.0097561	0.481656	-2.07634	7.90E-05	0.202888	-4.92884	0.189253	1.36461	1.36461	0.0050093866	0.296522	-3.37244	19.972	8.75105	0.70346	1
sg11005831	FBXL7	0.00149457	0.345894	0.809239	-1.53822	0.0100942	0.224562	-4.45353	0.0178753	0.263676	-3.7936	0.102453	0.808848	-1.23677	0.0439748	0.384753	-2.60194	0.0297521	0.178728	-5.59592	0.0003893	0.1293	1.32973	0.0882754	0.6990922	-1.43052	0.0102958	0.326105	0.381201	-2.62329	0.376353	4.97303	0.202085	1
sg24640610	FBXL7	0.00303725	0.197349	1.27614	1.27614	0.0116065	0.568602	-1.7587	0.518018	0.889354	-1.12441	0.0374855	0.649249	-1.54024	5.66E-05	0.263361	-3.81154	0.0124904	0.57345	-1.74383	0.00532169	0.518374	-1.92911	0.00142942	2.28247	2.28247	0.00592344	1.90423	1.90423	16.3947	9.31313	0.450723	1
sg24185447	FBXL7	0.000318208	0.00053048	0.155371	-6.43622	0.0222946	0.229723	-4.35307	0.0193841	0.260157	-3.84405	0.0102701	0.564268	-1.77205	0.0001702	0.626915	1.60702	0.0001756	0.844491	-1.18415	0.00051902	0.156468	-6.4663	0.8845	0.951076	-1.05144	3.39E-05	0.0625771	-15.9803	0.0018877	0.179358	-5.57543	15.3489	2.01	1
sg02193774	FBXL8/PTPN4	0.860905	0.0324655	0.0313	1.01238	0.8532057	0.970729	-1.03055	0.401512	0.914592	-1.0944	0.226553	1.13054	1.13054	0.242658	0.709721	1.40945	0.1287254	0.21852	-4.57705	0.0001	0.127802	7.82E+08	0.585307	0.863782	-1.1577	0.543822	0.849342	-1.17778	0.446667	0.9656	0.084339	1
sg11339964	FBXL8	0.0303938	0.20445	0.647659	-1.54402	0.0939777	0.81803	1.81803	0.18828	0.636205	-1.57182	0.0975963	0.554526	-1.80334	0.00579264	0.3095	3.23028	0.146793	1.65725	1.65725	0.853722	1.0617	1.0617	0.231856	1.50195	1.50195	0.0473076	0.47853	-2.08973	4.06793	6.77961	1.48142	1
sg05023415	FBXL8	0.0602845	0.1	1.28555	1.28555	0.0350376	0.92434	-1.08222	0.311467	0.807466	-1.23866	0.0370457	0.93597	1.06907	0.879511	1.0691	1.0691	0.113411	1.4464	1.4464	0.0154848	0.21897	-4.56727	0.0088003	1.0903	1.0903	0.198257	0.746146	1.34013	1.58184	2.73	0.644214	1
sg04001359	FBXL7	0.0350893	0.139358	0.573598	-1.74338	0.852752	0.937143	-1.06707	0.897164	1.04621	1.04621	0.0514448	0.460832	-2.16999	0.00982267	0.319701	-3.12792	0.0695027	0.491951	-2.03272	0.0336853	0.25346	-3.9454	0.575647	2.21847	2.21847	0.152768	0.585641	-1.70753	3.86357	7.46983	1.71858	1
ch.5.4092828	FBXL7	0.0167318	0.0189916	2.29833	-3.352	0.0253436	0.323341	-3.1023	0.00851377	0.239305	-4.17876	0.224173	0.580528	-1.72257	0.32392	0.647988	-1.54324	0.083974	0.442922	-2.25773	0.00689456	0.2254557	-4.43544	0.979037	1.01125	1.01125	0.267018	0.611105	-1.63638	3.79992	10.9159	2.55348	1
sg08792955	FBXL7	0.0461587	0.2255371	1.4	1.4	0.0049312	1.75	1.75385	0.0149232	1.5	1.5	0.0178435	1.5824	1.5824	0.0176544	1.2242	1.2242	0.491502	1.82507	1.82507	0.0111138	0.744249	0.914111	-1.09396	0.477136	0.8200959	-1.21942	0.03012	0.49663	-2.01357	1.57989	0.737971	1.36432	1.58779	1
sg25237277	FBXL7	0.04706224	0.0455705	2.26595	-3.76011	0.342691	1.75899	1.75899	0.76891	1.18554	1.18554	0.843799	0.802291	-1.12071	0.00499701	0.116935	8.55175	0.032699	0.236058	-4.23625	0.0192606	0.342564	-2.91916	0.554741	2.1847	2.1847	0.152768	0.585641	-1.70753	3.86357	7.46983	1.71858	1
ch.5.4092828	FBXL7	0.0167318	0.0189916	2.29833	-3.352	0.0253436	0.323341	-3.1023	0.00851377	0.239305	-4.17876	0.224173	0.580528	-1.72257	0.32392	0.647988	-1.54324	0.083974	0.442922	-2.25773	0.00689456	0.2254557	-4.43544	0.979037	1.01125	1.01125	0.267018	0.611105	-1.63638	3.79992	10.9159	2.55348	1
sg08792955	FBXL7	0.0461587	0.2255371	1.4	1.4	0.0049312	1.75	1.75385	0.0149232	1.5	1.5	0.0178435	1.5824	1.5824	0.0176544	1.2242	1.2242	0.491502	1.82507	1.82507	0.0111138	0.744249	0.914111	-1.09396	0.477136	0.8200959	-1.21942	0.03012	0.49663	-2.01357	1.57989	0.737971	1.36432	1.58779	1
sg25237277	FBXL7	0.04706224	0.0455705	2.26595	-3.76011	0.342691	1.75899	1.75899	0.76891	1.18554	1.18554	0.843799	0.802291	-1.12071	0.00499701	0.116935	8.55175	0.032699	0.236058	-4.23625	0.0192606	0.342564	-2.91916	0.554741	2.1847	2.1847	0.152768	0.585641	-1.70753	3.86357	7.46983	1.71858	1
sg00457653	FBXL8/TRADD	0.0019334	0.0319334	0.4	0.4	0.0066504	0.584	0.5844	-1.54E-05	0.732353	0.732353	0.0444	0.7	0.7	0.0444	0.2182	0.2182	0.883536	0.63035	-1.58603	0.0001	0.127802	7.82E+08	0.585307	0.863782	-1.1577	0.543822	0.849342	-1.17778	0.446667	0.9656	0.084339	1
sg05178604	FBXL8/TRADD	0.0104641	0.00490364	0.229363	-4.35989	0.0237758	0.344449	-2.90319	0.00341551	0.207755	-4.81337	0.0424236	0.302959	-3.30078	0.0112634	0.285375	3.50416	0.0965549	0.486451	-2.05571	0.0213709	0.3354382	-2.98118	0.0127203	2.094381	-3.39696	0.0155014	0.309508	-3.23094	5.82533	14.3934	2.19629	1
sg03137463	FBXL8/TRADD	0.0240959	0.0161636	0.371309	-2.69317	0.0159505	0.365954	-2.73258	0.0128225	0.437293	-2.28784	0.0959824	0.351728	-3.00418	0.0128364	0.344236	2.90184	0.413855	1.34149	-1.34149	0.0001	0.127802	7.82E+08	0.585307	0.863782	-1.1577	0.543822	0.849342	-1.17778	0.446667	0.9656	0.084339	1
sg04163152	FBXL8/TRADD;FBXL8	0.0147579	0.510112	0.84155	-1.18811	0.1111	0.111911	-3.93611	0.0264	0.183511	-5.44911	0.0471886	0.10404	-9.61075	0.0004	0.047186	21.2404	0.377188	1.02023	1.08011	0.0140541	0.808338	-1.23714	0.0813541	0.984418	-1.13107	0.0693185	1.13841	1.13841	-1.47307	0.222244	0.0572989	1
sg14515976	FBXL10	7.30E-06	0.890216	0.983733	-1.01654	0.0887906	0.800176	-1.24973	0.00415761	1.57804	1.57804	5.59E-07	0.192911	-5.18373	0.319845	0.887744	-1.12392	0.186619	1.18088	1.18088	0.000123063	2.21567	2.21567	0.6684613	0.784878	-1.27408	1.11E-05	0.32936	-3.03619	44.0191	9.83196	0.198539	1
sg13641993	FBXL10	0.000305747	0.00193214	0.4	0.4	0.0066504	0.584	0.5844	-1.54E-05	0.732353	0.732353	0.0444	0.7	0.7	0.0444	0.2182	0.2182	0.883536	0.63035	-1.58603	0.0001	0.127802	7.82E+08	0.585307	0.863782	-1.1577	0.543822	0.849342	-1.17778	0.446667	0.9656	0.084339	1
sg14549869	FBXL10	0.0011924	0.0221923	1.01498	1.01498	0.91525	0.98391	-1.01635	0.163126	0.790706	-1.25462	0.435204	1.12898	1.12898	0.00523826	0.570529	-1.75276	2.66E-05	0.282121	-3.54458	0.0201208	0.652334	-1.53296	0.648133	1.84863	1.84863	0.709063	-1.41031	0.00771618	0.593597	1.68464	11.192	4.11574	0.326878	1
sg14340625	FBXL10	0.0078235	0.0068741	0.371802	-2.6896	0.1479196	0.625455	-1.56303	0.1160914	0.657191	-1.52083	0.1509992	1.21298	1.21298	0.00319212	0.320432	-3.12089	0.0092752	0.326316	-3.06435	0.0116305	0.2704308	0.0907241	0.388051	-2.57035	0.00616054	0.364186	-2.74585	0.0159628	0.43428	-2.30266	6.38833	8.08532	1.32291	1
sg14178364	FBXL10	0.0318415	0.0916405	-4.56372	-2.19334	0.0049482	0.207651	-4.81577	0.0156252	0.215718	-4.63911	0.0370444	0.425572	-2.34978	0.0716434	0.427624	-2.33896	0.0158121	0.282636	-3.48522	0.00193399	0.156789	-6.37795	0.946916	1.32455	1.32455	0.0158058	0.528655	-1.89159	5.31974	16.0292	2.51327	1
sg04153536	FBXL10	0.0191725	0.007414	0.344013	-2.91229	0.274833	0.7616	-1.42531	0.740939	0.901686	-1.10903	0.371921	0.751301	-1.33102	0.0150572	0.243448	-4.10766	0.0119197	0.375753	-2.66132	0.0485572	0.495179	-2.01947	0.0995185	0.569418	-1.75618	0.0421471	0.481784	-2.07562	4.77245	7.35404	1.36972	1
sg13893557	FBXL10	0.0285217	0.136741	0.606104	-1.65007	0.0822666	0.536364	-1.86471	0.0650442	0.736264	-1.35771	0.0602443	0.678171	-1.47451	0.0113267	0.311843	3.20671	0.0437003	0.318341	-3.14161	0.0111328	0.2254107	0.0695414	0.4435	2.25581	2.25581	0.0950227	0.544284	-2.25081	0.0592888	0.389921	-2.56542	4.23374	10.8644	2.73	1
sg16602504	FBXL11/FBXO11	0.00094119	0.140114	0.682746	-1.46467	1.97E-05	0.125022	-7.99857	0.452105	1.20223	1.20223	0.037944	1.78347	1.78347	0.79283	0.938678	-1.06533	0.0848892	1.58105	1.58105	0.404876	0.81473	-1.2274	0.656162	0.897867	-1.11375	0.0158956	0.491641	-2.034	12.0695	11.0492	0.813745	1
sg21536815	FBXL11/FBXO11	0.00179088	0.140969	1.40999	1.40999	0.111506	0.77451	-1.39956	0.0568441	0.660845	-1.51321	0.0600971	1.49178	1.49178	5.55E-05	0.233537	-4.28197	0.165863	1.07928	0.471	1.15278	1.15278	0.115067	1.40086	1.40086	0.10444	0.708785	0.934	0.593942	0.529451	1
sg09607915	FBXL11/FBXO11	0.00198842	0.000472472	0.756528	-1.32178	0.6269	0.675101	-1.48126	0.21332	0.660325	-1.51441	0.548233	1.21216	1.21216	0.00199897	0.208272	4.80142	0.0542478	0.506083	-1.99727	0.0200015	0.25148	-3.97626	0.216224	1.50206	1.50206	0.0035247	0.285667	0.530588	0.95823	15.341	1.4119	1
sg09664186	FBXL11/FBXO11	0.0156597	0.0205005	0.353172	-2.83148	0.00860093	0.286704	-3.48792	0.0623258	0.457388	-2.18633	0.171941	1.71962	1.71962	0.0709758	0.471308	-2.12135	0.0808854	0.485963	-2.05777	0.0651721	0.462151	-2.1638	0.0254427	2.69162	2.69162	0.291833	0.66514	-1.50344	5.10734	11.2428	1.9567	1
sg02106502	FBXL11/FBXO11	0.0240959	0.0161636	0.371309	-2.69317	0.0159505	0.365954	-2.73258	0.0128225	0.437293	-2.28784	0.0959824	0.351728	-3.00418	0.0128364	0.344236	2.90184	0.413855	1.34149	-1.34149	0.0001	0.127802	7.82E+08	0.585307	0.863782	-1.1577	0.543822	0.849342	-1.17778	0.446667	0.9656	0.084339	1
sg14072126	FBXL11/FBXO11	0.0245137	0.319145	1.2427	1.2427	0.06024	1.56406	1.56406	0.7393	1.07303	1.07303	0.0881145	0.672208	-1.48764	0.50575	1.15343	1.15343	0.002640	0.415547	-2.40647	0.0133686	0.591699	-1.69005	0.27758	-3.60	-3.60	0.0	0.0	0.0	0.0	0.0	0.0	1
sg27506090	FBXL11/FBXO11	0.0261275	0.206266	1.51309	1.51309	0.00275274	0.277097	-3.60885	0.761397	1.09923	1.09923	0.294482	0.713353	-1.40183	0.0215909	2.35637	2.35637	0.167835	1.57879	1.57879	0.331866	1.3648	1.3648	0.567863	1.19645	1.19645	0.165814	1.58269	1.58269	4.29073	6.55831	1.35865	1
sg11918372	FBXL11/FBXO11	0.00302266	0.0297886	0.638834	-1.56535	0.0361779	0.652536	-1.53248	0.876414	1.02765	1.02765	0.0868166	1.39294	1.39294	0.0154486	0.594266	-1.68275	0.0065297	0.538325	-1.85761	0.00603656	1.87487	1.87487	0.0470069	1.93157	1.93157	0.412726	1.15806	1.15806	5.83904	4.15283	0.432297	1
sg26909237	FBXO15;C18orf55/FBXL15/FBXO15	0.0476289	0.10735	1.38012	1.38012	0.0141264	0.854455	-1.1491	0.243474	1.2051	1.2051	0.0301256	0.674455	0.70755	0.0172355	0.244087	4.09753	0.0346504	0.722237	-1.38481	0.0364799	0.75621	-1.3204	0.0338506	0.422466	2.37438	1.23181	0.557166	1.12136	1.12136	4.67207	1.0728	0.472641	1
sg03225548	FBXO15	0.00156647	0.155361	0.6317	-1.58303	0.000771219	0.214783	-4.65586	0.0012183	0.239282	-4.17917	0.0999241	0.580039	-1.72402	0.00433759	0.160268	-3.16357	0.0024319	0.279442	-3.57856	0.000253898	0.161817	-6.17981	0.0324288	0.469276	-2.13094	0.0118133	0.386817	-2.5852	10.3495	14.9609	1.28495	1
sg08995070	FBXO15/FBXO15	0.0602383	0.1705	1.4	1.4	0.0221263	0.80428	1.25638	0.0328	0.553148	-1.80783	0.1186	1.11096	1.11096	0.2281543	1.32653	1.32653	0.0436583	1.6886	1.6886	0.0001	0.127802	7.82E+08	0.585307	0.863782	-1.1577	0.543822	0.849342	-1.17778	0.446667	0.9656	0.084339	1
sg24372565	FBXO15/FBXO15;C18orf55/FBXO15	0.0015632	0.517664	0.916891	-1.09064	0.343006	1.13795	1.13795	0.0128018	1.50534	1.50534	0.283086	1.15898	1.15898	0.597557	1.073	1.073	0.477069	0.908794	-1.10036	2.09E-06	0.213478	-4.68431	0.94172	1.00972	1.00972	0.178175	1.20835	1.20835	0.193671	1.4425	0.246359	1
sg19578388	FBXO15/FBXO15;C18orf55/FBXO15	0.0334885	0.20125	2.47754	2.47754	0.209277	2.43353	2.43353	0.0449974	0.208641	-4.79291	0.576052	1.45813	1.45813	0.0956025	3.44976	3.44976	0.00475259	0.0729805	-13.7023	0.510344	0.640134	-1.56217	7	7	7	0.445028	0.594223	-1.68287	4.37713	26.8041	5.35821	1
sg2437472	FBXO15	0.0601171	2.54E-05	0.701754	1.42492	0.219037	0.156565	-6.38856	0.0221263	0.80428	1.25638	0.0328	0.553148	-1.80783	0.1186	1.11096	1.11096	0.2281543	1.32653	1.32653	0.0436583	1.6886	1.6886	0.0001	0.127802	7.82E+08	0.585307	0.863782	-1.1577	0.543822	0.849342	-1.17778	0.446667	0.9656	0.084339	1
sg15645888	FBXO16	0.0194589	0.00539268	0.29223	-7.73814	0.101404	0.367205	-2.72328	0.0310227	0.243107	-4.11431	0.127953	0.398816	-2.50742	0.0092491	0.158009	-3.62876	0.0454081	0.277517	-3.60338	0.0038578	0.113638	-8.79985	0.154507	0.426868	-2.34265	0.0279661	2.34467	4.2655	23.4653	4.39251	1
sg26944670	FBXO16	0.0222174	0.197682	0.738582	-1.35407	0.0999929	0.291593	-3.44031	0.0533102	0.408021	-2.45015	0.0737824	1.09876	1.09876	0.0164	0.600671	-1.66482	0.0729744	0.372725	-2.68351	0.0111328	0.2254107	0.0695414	0.4435	2.25581	2.25581	0.0950227	0.544284	-2.25081	0.0592888	0.389921	-2.56542	4.23374	10.8644	2.73	1
sg12473412	FBXO16	0.0285923	0.7447	0.923509	-1.08283	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26603725	FBXO30	0.00202137	1.03582	0.00582121	1.414515	2.41246	1.0488254	0.568188	-1.75998	0.645168	0.8590024	1.12356	0.00637051	0.44037	2.440137	0.02240744	1.345692	2.802754	0.695733	0.900964	-1.1038	0.000961441	1.2360685	-1.44015	0.0193082	1.87031	1.8703101	0.3225152	0.773558	1.229273	9.62184	0.888805	1
cg25399367	FBXO30	0.0129792	1.02453	0.0245376	0.751587	-1.33052	0.02589	1.32575	1.32575	0.0018262	1.603353	1.606253	0.0216124	1.15275	1.15275	0.22351	1.14608	1.14608	0.639476	0.950945	-1.05159	0.063518	0.800572	-1.24911	0.58145	1.06116	1.06116	0.2609564	1.13314	1.14329	0.977999	0.16001	1
cg09094393	FBXO30	0.0183714	1.099501	0.7165B9	-1.3955	0.311096	0.7732A6	-1.29325	0.00137535	0.319477	-1.31012	0.337602	0.78424	-1.27512	0.110583	0.652166	-1.53335	0.734256	0.919643	-1.08738	0.607627	1.13579	1.13579	0.180101	1.41903	1.41903	0.4447255	1.2111	1.2111	1.7398	3.57998	0.850902	1
cg08675532	FBXO30	4.01E-05	1.0113083	0.570033	-1.7451	2.73E-05	0.138324	-7.22359	0.00172543	0.326326	-3.06442	0.444346	0.87208	-1.14668	0.73802	0.942777	-1.06069	0.00E+00	0.271986	-3.67666	0.00265146	2.07479	2.07479	0.812661	1.04255	1.04255	0.0520766	0.6784488	-1.47387	28.219	13.7704	0.433762	1
cg00039016	FBXO31	0.0304761	0.0718379	0.457471	-2.18593	0.0433335	0.40482	-2.47023	0.117692	0.516247	-1.59706	0.551164	1.26446	1.26446	0.0107647	0.287413	3.47932	0.262796	1.75709	1.57509	0.0340905	1.38139	0.621787	0.1346	1.87339	1.87339	0.0813659	0.4715532	-2.12074	0.06402	0.74643	2.13175	1
cg02552868	FBXO31;FBXO31	0.00838487	0.0995593	0.636671	-1.57007	0.0259678	0.516289	1.9369	0.0197773	2.02173	2.02173	0.791869	-1.05991	-1.06839	0.00950558	0.439669	-2.27444	0.0179898	0.487259	-2.0023	0.0508155	1.7446	1.7446	0.035514	1.84449	1.84449	0.0074996	0.0713444	-1.0295	6.25089	0.19355	0.880735	1
cg27548450	FBXO31;FBXO31	0.011303	0.233866	0.801546	-1.24759	0.0840322	1.39229	1.39229	0.66165	1.07922	1.07922	0.179172	0.78112	-1.28021	0.00133646	0.447304	-2.23562	0.804347	0.957942	-1.04391	0.020188	1.62413	1.62413	0.350093	1.18117	1.18117	0.0335576	0.650062	-1.537	5.68249	2.69715	0.421904	1
cg25180594	FBXO31;FBXO31	0.0177689	0.715333	0.564373	-1.69797	0.0171578	0.641919	-1.15783	0.420139	0.884561	-1.11109	0.325103	0.8563227	-1.16778	0.963193	1.06069	1.06069	0.554807	0.91287	-1.09545	0.0150682	1.7328	1.7328	0.00372609	0.549023	-1.81844	0.1245811	0.856174	-1.16799	4.89635	1.80681	0.32801	1
cg08135950	FBXO31;FBXO31	0.0163917	0.51771	0.854529	-1.17024	0.663076	0.902254	1.11098	0.0196155	1.55331	1.55331	0.0589956	0.598224	-1.16761	0.0685344	0.516892	-1.93452	0.0210484	0.514172	-1.94488	0.0385344	1.6303	1.6303	0.160573	0.69817	-1.43232	0.1624441	0.699435	-1.42972	3.81281	3.40864	0.808886	1
cg03679716	FBXO31;FBXO31	0.0397574	0.605288	1.07782	1.07782	0.6622087	1.35226	1.35226	0.397018	0.882789	-1.13277	0.902244	1.01782	1.01782	0.029456	1.44571	1.44571	0.0421159	1.40019	1.40019	0.00764756	1.63701	1.63701	0.359408	0.8733316	-1.14506	0.2383003	0.837317	-1.19429	3.69139	1.20807	0.290903	1
cg16688980	FBXO31;MAP1LC3B	9.91E-05	0.144336	0.801807	-1.24768	6.11E-05	0.129277	1.62627	0.00595607	1.26658	1.26658	0.1816802	0.9648655	-1.01537	0.13322	1.14223	1.14223	0.0034134	1.29855	1.29855	0.0010208	2.726101	2.726101	-1.37722	2.32E-05	1.74353	1.74353	0.2556153	0.924976	-1.08111	22.1968	1.51836	0.0608036	1
cg06750038	FBXO31;MAP1LC3B	0.0033118	0.0127346	0.467658	-2.10058	0.295304	1.29724	1.29724	0.693848	1.09951	1.09951	0.00021584	0.37033	0.47703	0.228708	0.724976	-1.37936	0.780275	1.06936	1.06936	0.211786	1.37083	1.37083	0.00386849	2.54238	2.54238	0.930311	0.0212	1.0212	8.3099	7.56717	0.809441	1
cg09354446	FBXO31;MAP1LC3B	0.0033413	0.432149	1.50011	1.500114	0.0042259	1.57753	1.57753	0.102505	0.7944	0.7944	0.0009067	0.175822	-5.68755	-5.68755	0.00117651	0.0774002	-12.9199	0.208551	0.509313	-1.96343	0.0469236	2.84269	2.84269	0.0991611	0.579475	-1.7257	0.277389	1.77377	0.77175	36.9098	3.06624	1
cg02932685	FBXO31;MAP1LC3B	0.0734879	0.627084	1.304558	-1.04761	0.0506691	0.809346	-1.23556	0.306702	0.904365	-1.10575	0.016287	1.32188	1.32188	0.0233707	0.773097	-1.2935	0.00582586	1.40917	1.40917	0.0070867	0.718558	-1.39168	0.180248	1.14473	1.14473	0.623023	1.04819	1.04819	6.51542	0.931122	0.127032	1
cg04488837	FBXO31;MAP1LC3B	0.0300017	0.818893	1.08482	1.08482	0.568002	0.814743	-1.22738	0.583424	1.21727	1.21727	0.833589	0.928032	-1.07755	0.287046	0.670029	-1.49247	0.028696	0.400076	-2.49953	0.0046146	2.155986	-6.41085	6.454785	0.763166	-1.31033	0.548896	0.806286	-1.24025	0.08675	8.15708	1.77421	1
cg12508214	FBXO32	0.0024637	4.31E-05	0.280631	-4.83954	0.0328686	0.455562	-2.97258	0.363505	0.828165	-1.20749	0.686213	1.08593	1.08593	0.768487	0.944175	-1.0625	0.0062273	0.653138	1.53107	0.683928	0.9197764	-1.08724	0.723153	0.9304402	-1.0748	0.6004403	0.8982676	-1.11324	0.04873	9.50387	0.579858	1
cg01007029	FBXO32	0.00253058	0.00730883	0.441836	-2.26328	0.984047	0.995289	-1.00473	0.340804	1.26089	1.26089	0.234511	0.745062	-1.34217	0.110039	0.662761	-1.50884	4.31E-05	0.159701	-6.26169	0.0853956	0.638214	-1.56687	0.335071	0.79076	-1.26461	0.0572341	0.6016494	-1.66197	8.99977	7.94924	0.78513	1
cg21859830	FBXO32	0.0286646	0.171187	0.845087	-1.45907	0.098002	0.986058	-1.01413	0.986861	1.25896	1.25896	0.160287	0.677466	-1.47609	0.410642	0.809801	-1.24409	0.18183	0.792291	-1.26216	0.0308028B	0.2746B	-3.61798	0.019345	0.940495	-2.08296	0.812357	0.790245	-1.45368	4.15327	4.41242	0.948632	1
cg21274415	FBXO32;FBXO32	5.38E-05	0.0999649	0.780517	-1.28152	0.29512	1.19599	1.11998	0.159576	1.19425	1.19425	0.010682	0.706817	1.9178	1.9178	0.289467	1.45463	0.2774444	0.888795	-1.12512	0.3912241	0.952561	-1.05082	0.5353	0.8533	0.0343864	0.722936	-1.29377	26.1094	4.50461	0.153359	1
cg23063047	FBXO32;FBXO32	0.0004060B7	0.288292	0.817811	-1.22278	0.204992	1.27632	1.27632	0.00143725	0.431407	-2.318	0.000242431	0.330424	-3.02641	7.65E-05	0.270417	-3.69799	0.000813633	0.398094	-2.51197	0.441376	1.15399	1.15399	0.38778	1.17527	1.17527	0.0280449	0.62287	-1.60547	15.1372	7.97975	0.468588	1
cg23202949	FBXO32;FBXO32	0.0193624	0.545399	1.28134	1.281344	0.2838221	1.48057	1.48057	0.46487	1.25687	1.25687	0.576062	0.840513	-1.19041	0.00982768	0.537027	-1.86259	0.683549	1.13479	1.13479	0.535517	1.21161	1.2116	0.827416	0.934854	-1.06969	0.1019751	0.575639	-1.7372	3.06212	0.91909	1.34011	1
cg06109876	FBXO32;FBXO32	0.0337832	0.0340902	1.45227	1.45227	0.553487	1.09465	1.09465	0.683953	1.0637	1.0637	0.008454	0.665711	0.671311	0.0813906	0.74718	-1.33837	0.459723	1.12027	1.12027	0.00761639	1.67819	1.67819	0.191994	1.23168	1.23168	0.9625	0.992932	-1.00712	3.91686	1.41213	0.320467	1
cg21560774	FBXO33	0.0072983	0.0091636B	0.190525	-2.7624	0.0000529611	0.184055	-5.43463	0.146357	0.388799	-2.57248	0.148894	0.688218	-1.45148	0.221846	0.0888716	-4.50725	0.0056641	0.309313	-3.23245	0.0014477	-1.42378	0.779026	1.28428	0.1581	0.0801137	0.1886	1.0896	1.0896	0.1858	0.853534	0.28469	1.026276	1
cg24463469	FBXO33	0.0032966	0.981277	1.00228	1.00228	0.109753	1.18436	1.18436	0.79752	1.02527	1.02527	0.000692677	1.65281	1.65281	0.000661478	0.602846	1.6588	0.793177	1.02583	1.02583	0.400926	1.08702	1.08702	0.521884	0.938944	-1.06503	0.0314785	1.27741	1.27741	8.32134	2.14134	0.132601	1
cg18214796	FBXO33	0.0033204	0.00870051	0.475386	-2.10355	0.00109043	0.2649B	-4.04994	0.181653	0.729532	-1.37074	0.566559	1.54535	1.54535	0.141871	0.703801	-1.42086	0.942114	1.01628	1.01628	0.0449485	1.579414	-1.65863	0.00184056	0.372266	-2.68341	0.4794113	1.173441	1.173441	3.40349	6.50549	0.696413	1
cg22986094	FBXO33	0.0166913	0.411760	1.32977	1.3265	0.0752472	1.75248	-1.12232	0.151203	1.14182	1.14182	0.0178931	1.08593	1.08593	0.0346047	1.25736	1.25736	0.0677534	1.53997	1.53997	0.0364994	2.06172	2.06172	0.0674994	1.32715	1.32715	0.1225096	0.835336	-1.44972	0.54001	1.51173	0.268751	1
cg16507511	FBXO33	0.0217067	0.493207	0.943706	-1.05965	0.747874	1.02722	1.02722	0.452663	0.938778	-1.06521	0.0254034	1.24759	1.24759	0.619227	1.04259	1.04259	0.695712	0.967803	-1.03327	0.0862654	0.854016	-1.17094	0.00609647	0.74223	-1.34729	0.0120532	1.29781	1.29781	4.57494	0.502316	0.0975975	1
cg04422991	FBXO33	0.0254031	0.963593	0.955001	-1.05152	0.648006	0.965581	1.01507	0.0188	-1.08486	0.0108835	0.0108357	0.6241	0.6241	0.0699497	0.533384	-1.87007	0.075212	0.563167	-1.782	0.0035836	0.4242	0.4242	0.0018	0.550306	-1.04079	0.852202	1.0597	1.0597	4.43304	5.85159	1.20041	1
cg22824265	FBXO33	0.0442376	0.412225	1.19007	1.19007	0.834696	0.672628	-1.48626	0.107886	0.694381	-1.44013	0.561247	1.12967	1.12967	0.18938	0.80892	-1.23592	0.102569	0.69020	-1.44884	0.0255213	1.73648	1.73648	0.0314961	0.592419	-1.68799	0.0628484	0.647649	-1.54405	0.14283	1.42081	0.606469	1
cg08055667	FBXO33	0.0496743	0.00142577	0.446526	-2.23951	0.719704	1.06499	1.06499	0.0471322	0.672362	-1.48729	0.873287	0.972496	-1.02828	0.813763	0.963942	-1.03741	0.678745	0.929808	-1.07549	0.391131	0.85767	-1.16595	0.305767	1.20357	1.20357	0.944459	0.987899	-1.01225	3.39656	1.6425	0.429847	1
cg10078871	FBXO33;FBXO33	0.0715195	0.0404638	1.48180	-1.48326	0.0582438	1.25602	1.25602	0.0715	-1.20576	0.0230474	1.31045	1.31045	1.29387	0.0724	1.31045	1.31045	0.161324	1.16927	1.16927	0.0143749	0.948717	-1.05406	0.0152208	0.773824	-1.2923	0.166201	0.850675	-1.17604	4.68398	0.85752	0.153864	1
cg16351352	FBXO34;FBXO34	0.0030826	0.0309149	1.89854	1.89854	0.275215	0.75037	-1.33268	0.228775	1.3765	1.3765	0.710305	0.909925	-1.09899	0.0026806	0.220264	-5.54002	0.0726531	0.602508	-1.65973	0.0131612	2.1765	2.1765	0.0648682	1.68965	1.68965	0.20007	0.710029	-1.40839	5.48894	8.60552	0.901047	1
cg23236908	FBXO34;FBXO34	0.0042994	0.3637753	1.48181	1.48181	0.0000529611	0.184055	-5.43463	0.146357	0.388799	-2.57248	0.148894	0.688218	-1.45148	0.221846	0.0888716	-4.50725	0.0041514	0.4859	-2.05824	0.0023463	0.0013256	0.1010694	0.0078752	0.2034613	0.0013255	0.1158716	0.0008661	0.1525	0.8804	0.4469	0.1828	0.1823251	1
cg23234828	FBXO34;FBXO34	0.0155493	0.0165675	0.126548	-7.90217	0.00756492	0.0883264	-11.3216	0.0259595	0.154603	-6.46816	0.128106	0.312927	-3.19563	0.00113374	0.039368	-29.4395	0.0561941	0.217108	-4.606	0.103476	0.284302	-3.51739	0.181363	0.3670888	-2.72414	0.0329999	0.170489	-6.86547	5.11936	40.4451	7.0226	1
cg18427465	FBXO34;FBXO34	0.0217434	0.0040215	0.421816	-2.3707	0.994794	1.00146	1.00146	0.249673	0.76444	-1.30855	0.411225	1.20636	1.20636	0.355582	0.80825	-1.23636	0.0550895	0.615336	-1.62513	0.0111602	2.50359	-1.9365	0.00446675	0.431465	-2.31768	0.194457	0.736042	-1.35862	4.57229	3.60992	0.701796	1
cg10378898	FBXO34;FBXO34;FBX034	0.0007366	0.0004364	0.291409	-3.43151	0.0000529611	0.184055	-5.43463	0.146357	0.388799	-2.57248	0.148894	0.688218	-1.45148	0.221846	0.0888716	-4.50725	0.0001515	0.059753	-16.7365	0.0006426B7	0.530663	-1.88657	0.0078726	0.2089	0.1162286	1.131102	1.131102	1.82656	2.6132	0.182351	1
cg20664017	FBXO34;FBXO34;FBX04	0.0259006	0.0126025	0.693703	-1.44154	0.593182	0.938109	-1.06597	0.0243204	0.728735	-1.37224	0.121873	1.21858	1.21858	0.0236227	1.3752	1.3752	0.149956	1.19957	1.19957	0.287074	0.877815	-1.13919	0.22739	1.16113	1.16113	0.582438	1.06766	1.06766	4.30382	0.947378	0.195666	1
cg16089378	FBXO34;TBP1	0.0496829	0.0048342	0.32409	0.8830B	0.0478331	0.745531	-1.05537	0.374271	1.70274	1.70274	0.491025	1.74898	1.74898	0.0013564	0.730048	-1.35309	0.0629922	1.21553	1.21553	0.0609376	1.65651	1.65651	0.985008	0.0015	2.0000443	0.0005337	0.2505	0.1915	0.5883	0.4943	1.88842	1
cg23218945	FBXO36;TRIP12	0.0388098	0.73527	1.0809	1.0809	0.58402	1.1453	1.1453	0.77037	0.935093	-1.06941	0.481788	1.17809	0.0289361	0.554133	1.80462	1.80462	0.0190282	2.52165	-1.91699	0.0788206	1.56426	1.56426	0.0256168	0.544531	-1.83644	0.118173	1.47436	1.47436	3.72426	0.20945	0.739762	1
cg23296792	FBXO38;FBXO38	0.0008794	0.0036819	0.594538	-1.68198	0.0378681	1.37561	1.37561	0.00262563	0.575999	-1.73611	0.000221351	0.44274	-2.25866	0.00302999	0.583841	-1.71279	0.241529	0.850125	-1.1763	0.0521496	1.33986	1.33986	0.16287	1.21811	1.21811	0.0511508	0.745158	-1.342	12.2009	3.38983	0.246964	1
cg17534857	FBXO38;FBXO38	0.0418813	0.0001	0.149	0.149	0.0000529611	0.184055	-5.43463	0.146357	0.388799	-2.57248	0.148894	0.688218	-1.45148	0.221846	0.0888716	-4.50725	0.0026295	0.21553	-4.6387	0.0003B1929	0.0013256	0.1010694	0.0078752	0.2034613	0.0013255	0.1158716	0.0008661	0.1525	0.8804	0.4469	0.1828	0.1823251	1
cg23218945	FBXO38;TRIP12	0.0388098	0.73527	1.0809	1.0809	0.58402	1.1453	1.1453	0.77037	0.935093	-1.06941	0.481788	1.17809	0.0289361	0.554133	1.80462	1.80462	0.0190282	2.52165	-1.91699	0.0788206	1.56426	1.56426	0.0256168	0.544531	-1.83644	0.118173	1.47436	1.47436	3.72426	0.20945	0.739762	1
cg23296792	FBXO38;FBXO38	0.0008794	0.0036819	0.594538	-1.68198	0.0378681	1.37561	1.37561	0.00262563	0.575999	-1.73611	0.000221351	0.44274	-2.25866	0.00302999	0.583841	-1.71279	0.241529	0.850125	-1.1763	0.0521496	1.33986	1.33986	0.16287	1.21811	1.21811	0.0511508	0.745158	-1.342	12.2009	3.38983	0.246964	1
cg17534857	FBXO38;FBXO38	0.0418813	0.0001	0.149	0.149	0.0000529611	0.184055	-5.43463	0.146357	0.388799	-2.57248	0.148894	0.688218	-1.45148	0.221846	0.0888716	-4.50725	0.0026295	0.21553	-4.6387	0.0003B1929	0.0013256	0.1010694	0.0078752	0.2034613	0.0013255	0.1158716	0.0008661	0.1525	0.8804	0.4469	0.1828	0.1823251	1
cg21510162	FBXO38;FBXO38	0.0150162	0.0311767	0.626916	-1.59511	0.450221	1.15265	1.15265	0.283619	0.81408	-1.23288	0.283618	0.795377	-1.25707	0.93475	1.02211	1.02211	0.544299	1.11999	1.11999	0.00595331	0.357581	-2.66113	0.567142	1.11272	1.11272	0.108552	1.38157	1.37885	2.79662	0.480007	1
cg02376163	FBXO38;FBXO38	0.0435151	0.587586	1.11581	1.11581	0.0000529611	0.184055	-5.43463	0.146357	0.388799	-2.57248	0.148894	0.688218	-1.45148	0.221846	0.0888716	-4.50725	0.0001515	0.059753	-16.7365	0.0006426B7	0.530663	-1.88657	0.0078726	0.2089	0.1162286	1.131102	1.131102	1.82656	2.6132	0.182351	1
cg21985295	FBXO39	0.0012905	0.193038	0.795621	-1.25688	0.0144332	1.64937	1.64937	0.0852451	1.37137	1.37137	0.994866	0.998933	-1.00107	0.825103	0.963932	-1.03742	0.0108138	1.587829	-1.70117	0.0985179	0.740294	-1.35082	0.396553	0.8658806	-1.15499	4.02E-05	0.272055	-3.67573	11.0957	4.84104	0.387819	1
cg21508809	FBXO39	0.0291612	0.547873	0.907536	-1.23018	0.0144332	1.64937	1.64937	0.0852451	1.37137	1.37137	0.994866	0.998933	-1.00107	0.825103	0.963932	-1.03742	0.0288552	0.402835	-2.48241	0.0018967	2.72009	0.610795	1.1976	1.1976	0.203499	0.6623308	-1.60464	4.43123	3.58159	1.20041	1
cg11464285	FBXO43;BRD3	1.04E-05	0.0721007	0.6939	-1.4399	0.0384066	0.532692	1.87756	0.0242	2.56062	1.62657	0.378994	1.15853	1.15853	0.0043724	2.25644	2.25644	0.077282	0.926281	-1.07966	0.3E-07	0.2320269	-43.4274	43.44432	1.24487	1.24487	0.722717	1.09805	1.09805	0.90348	33.1282	0.97036	1
cg26064247	FBXO43;FBXO3	0.0011668	0.00859009	0.328477	-3.04436	0.00840183	0.326887	-3.05916	0.00142392	0.215916	-4.63143	0.139512	0.589697	-1.69578	0.000266906	0.137031	-7.29761	0.266319	0.680662	-1.46916	0.000161421	0.1177	-8.49615	0.590454	1.19776	1.19776	0.132074	0.582834	-1.71576	11.2614	19.676	1.55306	1
cg00132391	FBXO43;FBXO3	0.052772	1.10064	1.10064	1.10064	0.334519	1.24042	1.24042	0.109837	0.761353	-1.31412	0.0276105	1.48028	1.48028	0.0270128	1.79636	1.79636	0.150372	1.41228	1.41228	0.0114008	2.19635	2.19635	0.0403	1.56167	1.56167	0.0131	0.725258	1.38379	1.38379	0.863622	0.0139	0.153864	1
cg25886719	FBXO43;FBXO3	0.0024506	0.146302	0.805915	-1.24083	0.00225783	0.538908	-1.8556	0.1523	1.23627	1.23627	0.000509026	0.457889	-2.18393	0.00143122	0.511263	-1.95594	0.005728	0.595677	-1.67876	0.0150006	0.733079	-1.36411	0.160116	1.23061	1.23061	0.290564	0.756255	-1.04575	10.767	3.12684	0.225874	1
cg02758624	FBXO43;FBXO3	0.0091528	0.5426	1.52917	1.112603	0.319118	0.820133	-1.21931	0.001373	2.50238	2.50238	0.0746317	1.46538	1.46538	0.0167337	1.56393	1.11974	1.11974	0.003936	2.1439	2.1439	0.3312756	0.824446	-1.21294	0.6699B	1.08606	1.08606	0.0546933	0.659786	-1.51564	0.17853	0.57077	0.521149	1
cg27345286	FBXO43;FBXO3	0.0108074	0.324018	0.787712	-1.26981	0.0144332	1.64937	1.64937	0.0852451	1.37137	1.37137	0.994866	0.998933	-1.00107	0.825103	0.963932	-1.03742	0.0108138	1.587829	-1.70117	0.0985179	0.740294	-1.35082	0.396553	0.8658806	-1.15499	4.02E-05	0.272055	-3.67573	11.0957	4.84104	0.387819	1
cg09824889	FBXO44	0.0031188	0.293805	0.786692	-1.27115	0.841793	0.94501	-1.04501	0.44865	1.18545	1.18545	0.39041	1.21397	1.21397	0.00448254	0.295312	-3.38625	0.0303319	0.576081	-1.75229	0.26423	0.779839	-1.29226	0.6611163	0.6281161	-1.59195	0.000323061	0.277629	-3.60192	4.96391	6.50706	0.683378	1
cg04974147	FBXO44;FBXO44	0.0210709	0.0116443	0.447743	-2.23353	0.0156252	0.562582	1.77818	0.0252	2.44592	2.44592	0.0477444	1.41578	0.0238361	0.0466393	2.14503	2.14503	0.0252038	1.24229	-1.83346	0.0420863	1.08709	-11.1765	0.0002643	0.2021714	-4.94623	0.0357427	0.227186	-4.40168	4.55021	0.3598	0.137997	1
cg07378309	FBXO44;FBXO44	0.0223757	0.0119481	2.18194	2.18194	0.517371	1.17736	1.17736	0.111137	1.5399	1.5399	0.572377	1.15247	1.15247	0.00534388	2.49118	2.49118	0.559578	0.863494	-1.15809	0.0634057	1.68079	1.68079	0.003609964	2.65311	2.65311	0.951787	0.985072	-1.01515	4.52754	4.43704	0.871121	1
cg20845063	FBXO44;FBXO40	0.0247893	0.0339727	1.54095	1.54095	0.415604	1.11614	1.11614	0.713207	1.06653	1.06653	0.190515	0.785272	-1.27344	0.541328	0.898279	-1.11324	0.135109	1.32429	1.32429	0.204631	1.78288	1.78288	0.0005033	2.58015	2.58015	0.307636	1.20219	1.20219	4.92244	2.37045	0.428052	1
cg21918313	FBXO41	0.0095541	0.0119737	0.06172	0.0100187	0.83047	0.83047	0.102577	3.51062	3.51062	0.0771255	3.98167	0.398567	0.0056547	2.00419	0.10419	0.10419	0.045127	0.33039	0.033339	0.0012424	27.587	27.587	0.0069399	11.6567	11.6567	0.027714	2.23072	6.32707	5.99725	46.9445	0.95793	1
cg19194237	FBXO41	0.0097092	0.15987	0.549681	-1.81924	0.0395626	0.213439	-4.68518	0.0416217	0.392196	-2.54975	0.59843	0.809823	-1.23484	0.00801529	0.258246	-3.87227	0.0649164	0.437812	-2.28408	0.0095949	0.140662	-7.10923	0.947213	0.973962	-1.02673	0.0189989	0.322517	-3.10061	5.96661	15.0044	2.23532	1
cg03183287	FBXO41	0.0193062	0.0093058	0.4	0.4	0.0000529611	0.184055	-5.43463	0.146357	0.388799	-2.57248	0.148894	0.688218	-1.45148	0.221846	0.0888716	-4.50725	0.0026295	0.21553	-4.6387	0.0003B1929	0.0013256	0.1010694	0.0078752	0.2034613	0.0013255	0.1158716	0.0008661	0.1525	0.8804	0.4469	0.1828	0.1823251	1
cg06579626	FBXO41	0.0470813	0.0905228	2.53046	2.53046	0.0143439	0.49409	0.49409	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01436705	FBXW11;FBXW11;FBXW11	0.0439314	0.00190397	0.559913	-1.78599	0.208465	1.19106	1.19106	0.464267	1.1032	1.1032	0.180126	1.20646	1.20646	0.818345	1.0308	1.0308	0.794567	1.03501	1.03501	0.295622	1.15374	1.15374	0.449145	0.903303	-1.10705	0.232953	1.17929	1.17929	3.55734	0.979556	0.244766	1
cg07140660	FBXW11;FBXW11;FBXW11;FBXW11;FBXW11;FBXW11	0.00197438	0.037681	1.22084	1.22084	0.722339	0.9709	-1.02997	0.098518	1.16179	1.16179	0.219322	1.11284	1.11284	0.139711	1.14058	1.14058	0.115068	0.867775	-1.15237	0.00407714	0.72682	-1.37586	0.00109634	0.671308	-1.48963	0.00192337	1.43828	1.43828	9.67817	1.05013	0.0964488	1
cg25575937	FBXW12;FBXW12;FBXW12	0.0164059	0.589647	0.848343	-1.17877	0.301899	1.38135	1.38135	0.00122471	0.239642	-4.17289	0.864256	1.05304	1.05304	0.00609013	0.339045	-2.94946	0.736476	1.10741	1.10741	0.0879275	0.566172	-1.76625	0.102472	0.582897	-1.71557	0.46928	1.24905	1.24905	5.02886	7.2666	1.28442	1
cg21539229	FBXW12;FBXW12;FBXW12	0.0164972	0.00929255	0.176391	-5.66921	0.232981	0.518139	-1.92998	0.101851	0.390049	-2.56378	0.0307511	0.263422	-3.79619	0.00360831	0.126008	-7.93597	0.0761578	0.354364	-2.82196	0.00691732	0.159178	-6.28229	0.00742648	0.163187	-6.12792	0.086088	0.368945	-2.71043	5.01957	21.974	3.89126	1
cg03112869	FBXW12;FBXW12;FBXW12;FBXW12;FBXW12;FBXW12	0.00348268	0.269177	0.776786	-1.28736	0.107772	0.680295	-1.46995	0.00758608	0.470584	-2.12502	0.0119868	0.502575	-1.98975	0.0835015	0.656721	-1.52272	0.00223118	0.390621	-2.56002	0.000125243	0.23067	-4.33519	0.636366	0.900741	-1.1102	0.275206	0.77944	-1.28297	8.18595	6.24655	0.678295	1
cg07663984	FBXW2;LOC402377	0.00171998	0.39892	0.915734	-1.09202	0.0285488	1.3013	1.3013	0.35011	0.906617	-1.103	0.112753	1.1924	1.1924	0.176308	1.15781	1.15781	0.000135805	0.510054	-1.96057	0.848397	1.0197	1.0197	0.110796	1.19375	1.19375	0.00268179	1.52653	1.52653	10.0737	1.65765	0.14627	1
cg10011799	FBXW2;LOC402377	0.0259696	0.0273987	0.134259	-7.44828	0.0134987	0.0950849	-10.5169	0.464537	0.563938	-1.77324	0.285407	2.3485	2.3485	0.0291385	0.138295	-7.2309	0.955444	0.957917	-1.04393	0.0102442	0.0828757	-12.0663	0.333256	2.15546	2.15546	0.044243	0.168922	-5.91989	4.29983	40.3235	8.33593	1
cg00411411	FBXW4	0.000103569	8.17E-06	0.236503	-4.22827	0.00908377	0.61227	-1.63327	0.163584	0.802504	-1.2461	0.154569	1.25294	1.25294	0.781657	0.959718	-1.04197	0.00140549	0.504383	-1.98262	0.00210989	0.527415	-1.89604	0.00297968	1.8276	1.8276	0.00043145	0.438664	-2.27965	21.9338	7.60747	0.3083	1
cg19175123	FBXW4	0.0108287	0.0269941	0.564812	-1.7705	0.299454	0.790904	-1.26438	0.185198	1.35866	1.35866	0.530817	0.870667	-1.14855	0.000539591	0.309161	-3.23456	0.173437	0.729094	-1.37157	0.177695	1.36679	1.36679	0.985624	1.00394	1.00394	0.0258501	0.56148	-1.78101	5.76156	4.34214	0.669902	1
cg14646452	FBXW4	0.0210017	0.00383663	0.0719296	-13.9025	0.220739	2.38566	2.38566	0.890229	1.09775	1.09775	0.166706	0.369436	-2.70683	0.0313289	0.18162	-5.50601	0.381906	0.545712	-1.83247	0.00298157	0.063817	-15.6698	0.940846	0.951113	-1.0514	0.282276	0.470188	-2.12681	4.6269	33.4259	6.42156	1
cg15330255	FBXW4	0.0250118	0.357574	1.09742	1.09742	0.00552888	0.698901	-1.43082	0.0825216	0.827832	-1.20797	0.00290948	0.668969	-1.49484	0.259371	0.890826	-1.12255	0.960411	1.00489	1.00489	0.137995	0.854769	-1.16991	0.219986	0.880985	-1.13509	0.40001	1.08833	1.08833	4.35652	0.666053	0.135899	1
cg14353527	FBXW5	0.00189663	0.93973	1.01251	1.01251	0.514253	1.1149	1.1149	0.505318	0.894804	-1.11756	0.766859	1.05011	1.05011	0.00021581	0.362276	-2.76033	0.000214113	0.36185	-2.76358	0.0576352	0.702563	-1.42336	0.0325577	0.662729	-1.50891	0.0259626	0.647493	-1.54442	9.79196	4.19353	0.380678	1
cg05656770	FBXW5	0.00644595	0.0179325	0.413708	-2.41716	0.0298626	0.456502	-2.19057	0.151674	0.624185	-1.60209	0.0243917	0.439098	-2.27739	0.0108583	0.374781	-2.66822	0.042942	0.489297	-2.04375	0.000781765	0.210383	-4.75324	0.00162711	0.250238	-3.9962	0.0225405	0.432465	-2.31232	6.78693	10.1199	1.3254	1
cg14357259	FBXW5	0.0203263	0.92588	0.972624	-1.02815	0.0139899	2.47274	2.47274	0.237497	1.44651	1.44651	0.255252	1.42521	1.42521	0.0083398	0.365788	-2.73382	0.0218422	0.440047	-2.27248	0.0674467	0.542678	-1.84271	0.491429	1.23179	1.23179	0.872138	1.04922	1.04922	4.67875	6.59409	1.25277	1
cg07562742	FBXW7	0.00510924	0.0710828	0.708211	-1.41201	0.0453914	1.481	1.481	0.00264344	2.03777	2.03777	0.785581	1.04777	1.04777	0.657275	0.926439	-1.0794	0.358651	1.17529	1.17529	0.0120475	0.585214	-1.70878	0.0439285	1.48617	1.48617	0.00645488	0.545504	-1.83317	7.29031	3.38066	0.412195	1
cg05647891	FBXW7	0.0195375	0.200312	0.707519	-1.41339	0.825898	0.945215	-1.05796	0.797663	0.936406	-1.06791	0.417337	0.808976	-1.23613	0.000468077	0.244975	-4.08205	0.926173	1.02399	1.02399	0.0946346	0.625094	-1.59976	0.465434	1.20924	1.20924	0.0257198	0.507873	-1.969	4.74207	4.91271	0.920876	1
cg06270074	FBXW7	0.0222082	0.232938	0.694142	-1.44063	0.00131615	0.255511	-3.91373	0.0378856	0.495251	-2.01918	0.316705	1.35274	1.35274	0.211482	1.46848	1.46848	0.345274	1.32807	1.32807	0.216827	1.46127	1.46127	0.285591	0.723451	-1.38226	0.905474	0.96592	-1.03528	4.53924	6.125	1.19942	1
cg05287690	FBXW7	0.0261443	0.623432	0.960542	-1.04108	0.121305	0.872274	-1.14643	0.0243024	0.803809	-1.24408	0.453841	1.06404	1.06404	0.079299	1.17172	1.17172	0.151418	1.1332	1.1332	0.0051985	0.740801	-1.34989	0.149349	1.13402	1.13402	0.649874	0.963506	-1.03788	4.28977	0.449613	0.0931649	1
cg13536107	FBXW7	0.0468539	0.0187619	0.233279	-4.28671	0.0137371	0.210741	-4.74515	0.166822	0.470794	-2.12407	0.277194	0.561233	-1.78179	0.0169051	0.225523	-4.43414	0.0420165	0.301929	-3.31204	0.0177536	0.229139	-4.36416	0.18579	0.48819	-2.04838	0.106039	0.405659	-2.46513	3.47248	14.3666	3.67758	1
cg23600314	FBXW7;FBXW7	0.000587379	0.214409	0.722595	-1.3839	0.0748009	0.610612	-1.6377	0.257976	0.745712	-1.341	0.312568	0.771314	-1.29649	5.44E-06	0.0775854	-12.889	0.213089	0.721847	-1.38534	0.684085	0.90331	-1.10704	0.271459	1.3292	1.3292	0.0260069	0.518526	-1.92854	13.6646	13.3723	0.869873	1
cg10236503	FBXW7;FBXW7	0.0461304	0.989876	1.00227	1.00227	0.851298	0.967057	-1.03406	0.559035	0.899907	-1.11123	0.936915	0.98597	-1.01423	0.325371	1.19873	1.19873	0.389813	0.854451	-1.17034	0.000857921	0.409163	-2.44401	0.17233	0.771604	-1.296	0.373624	0.849574	-1.17706	3.49287	1.7625	0.448533	1
cg00229532	FBXW8;FBXW8	0.00019224	0.000108733	0.237373	-4.21278	0.000190521	0.265484	-3.76671	0.0385421	0.603223	-1.65776	0.0170842	0.541649	-1.84621	0.00109494	0.362166	-2.76116	0.0683058	0.650201	-1.53799	1.38E-05	0.147449	-6.782	0.941963	1.01547	1.01547	0.0248648	0.569406	-1.75622	18.5693	13.081	0.626171	1
cg17765387	FBXW8;FBXW8	0.000275953	0.0106019	0.485072	-2.06155	0.0157077	0.513532	-1.9473	5.95E-05	0.187913	-5.3216	0.0217361	0.537897	-1.85909	0.000160699	0.234347	-4.26718	0.00252514	0.389139	-2.56977	0.000293033	0.264901	-3.775	0.362866	0.810176	-1.2343	0.000161455	0.234578	-4.26297	16.8303	13.5053	0.71328	1
cg12565579	FBXW8;FBXW8	0.00045058	0.00142609	0.45662	-2.19	0.0144676	1.66856	1.66856	0.0390064	0.666353	-1.50071	0.365954	1.17095	1.17095	3.97E-05	0.263143	-3.80022	0.597861	1.09465	1.09465	0.0176291	1.63321	1.63321	0.0219564	0.626904	-1.59514	0.0351382	0.659039	-1.51736	14.7085	6.72424	0.40637	1
cg10452542	FBXW8;FBXW8	0.000890678	0.000628681	0.0953521	-10.4875	0.175589	1.90409	1.90409	0.470562	0.720204	-1.3885	0.246061	1.7202	1.7202	0.000473271	0.0858613	-11.6467	0.427019	1.43711	1.43711	0.0239486	3.3352	3.3352	0.000507642	0.0881367	-11.346	0.407542	0.68467	-1.46056	12.1584	38.5001	2.8147	1
cg03389789	FBXW8;FBXW8	0.000938912	0.529108	0.890451	-1.12303	0.245438	1.24742	1.24742	0.51616	1.12727	1.12727	0.00989742	1.80947	1.80947	9.57E-05	0.282625	-3.53826	0.0114312	1.77886	1.77886	0.983826	1.0037	1.0037	0.00185513	2.23422	2.23422	0.105996	1.37889	1.37889	11.9785	6.28219	0.466182	1
cg25972092	FBXW8;FBXW8	0.00157193	0.000506464	0.466485	-2.14369	0.0101642	0.634526	-1.57598	0.0080946	0.621351	-1.6094	0.458403	1.11177	1.11177	0.0297021	0.698303	-1.43204	0.97162	0.99502	-1.005	0.00401543	1.7202	1.7202	0.238298	0.840861	-1.18926	0.00295479	0.564033	-1.77294	10.3391	3.22451	0.277223	1
cg13705873	FBXW8;FBXW8	0.00460273	0.0421952	0.474939	-2.10553	0.0250316	0.428201	-2.33535	0.0044477	0.299015	-3.34431	0.0261664	0.432004	-2.3148	0.0162524	0.392589	-2.54719	0.00196316	0.248545	-4.02342	0.000624207	0.187506	-5.33317	0.837463	0.936743	-1.06753	0.0149867	0.386177	-2.58948	7.52597	12.0633	1.42479	1
cg26332016	FBXW8;FBXW8	0.0100537	0.877423	1.03518	1.03518	0.599924	0.88819	-1.12588	0.0456819	0.598524	-1.67078	0.959665	0.988734	-1.01139	0.000169263	0.238527	-4.19241	0.044548	0.596435	-1.67663	0.0876554	0.655501	-1.52555	0.65265	0.90348	-1.10683	0.916604	0.976808	-1.02374	5.9005	4.69031	0.706579	1
cg22585562	FBXW8;FBXW8	0.0114575	0.0583752	0.739038	-1.35311	0.0100748	0.631838	-1.58268	0.00103499	0.503054	-1.98786	0.29142	0.856603	-1.1674	0.0403138	0.7154	-1.39782	0.161833	1.23516	1.23516	0.330594	1.15251	1.15251	0.112288	0.783133	-1.27692	0.0920762	0.769374	-1.29976	5.65763	1.79118	0.281419	1
cg20481151	FBXW8;FBXW8	0.028448	0.124589	0.693863	-1.44121	0.476454	0.852878	-1.1725	0.0495544	0.611097	-1.6364	0.174867	1.37324	1.37324	0.00446283	0.434476	-2.30162	0.982112	0.995084	-1.00494	0.0542608	0.618712	-1.61626	0.0137906	0.512167	-1.95249	0.067419	0.637347	-1.569	4.16441	3.18656	0.680168	1
cg11943008	FBXW8;FBXW8	0.0298316	0.0257656	0.167288	-5.97771	0.0310374	0.180966	-5.52589	0.313074	0.494319	-2.02299	0.413977	0.568981	-1.75753	0.0159304	0.13626	-7.33889	0.0396753	0.200644	-4.98396	0.224083	0.422143	-2.36887	0.00268984	0.060765	-16.4569	0.0471779	0.215761	-4.63476	4.09501	29.5718	6.41905	1
cg02017074	FBXW8;FBXW8	0.0406633	0.0144651	0.0874754	-11.4318	0.0235993	0.112427	-8.89469	0.152394	0.289556	-3.45356	0.193617	0.328866	-3.04075	0.0181351	0.0982864	-10.1743	0.115503	0.250729	-3.98837	0.399693	0.498058	-2.0078	0.0068016	0.0587044	-17.0345	0.0566049	0.174686	-5.72454	3.66087	37.9005	9.20254	1
cg01345841	FBXW8;FBXW8;FBXW8;FBXW8	0.000173498	8.08E-06	0.256277	-3.90203	0.398617	1.12817	1.12817	0.101156	1.28466	1.28466	0.747462	0.955919	-1.04611	0.000119844	0.391257	-2.55587	0.614958	0.931671	-1.07334	0.20647	0.830321	-1.20435	0.0684771	1.32925	1.32925	0.116079	1.26912	1.26912	19.092	5.8881	0.274139	1
cg18412326	FBXW9	0.0168167	?	?	?	0.106736	0.611105	-1.63638	0.10372	0.608013	-1.6447	0.893873	0.963363	-1.03803	0.570319	0.8518	-1.17398	0.000569172	0.224798	-4.44845	0.017481	0.445345	-2.24545	0.813234	0.935959	-1.06842	0.837004	1.0593	1.0593	5.08063	5.59324	1.10089	1
cg17128312	FBXW9	0.0318936	0.0327443	0.19917	-5.02085	0.0168026	0.151884	-6.58397	0.0427685	0.221729	-4.51001	0.901384	1.08336	1.08336	0.0199972	0.163107	-6.13094	0.390543	0.566502	-1.76522	0.00400534	0.0822588	-12.1568	0.226378	0.44023	-2.27154	0.0792217	0.284045	-3.52057	3.99864	26.4208	5.87329	1
cg23912186	FCAMR;FCAMR;FCAMR;FCAMR	0.0142984	0.963358	1.00779	1.00779	0.00387175	1.92965	1.92965	0.00387534	0.518286	-1.92944	0.482055	0.886285	-1.12831	0.116223	0.749458	-1.3343	0.614674	0.917817	-1.08954	0.212939	1.24808	1.24808	0.0532231	0.690009	-1.44926	0.679154	1.0728	1.0728	5.26324	2.37926	0.401825	1
cg02861504	FCAMR;FCAMR;FCAMR;FCAMR	0.0231792	0.34028	1.26206	1.26206	0.153316	0.696203	-1.43636	0.00128619	0.329149	-3.03814	0.0245184	0.530214	-1.88603	0.648167	1.11494	1.11494	0.924327	0.977751	-1.02275	0.922275	0.977153	-1.02338	0.0438049	0.577659	-1.73112	0.077768	0.628624	-1.59078	4.47287	3.97316	0.789582	1
cg20276646	FCAMR;FCAMR;FCAMR;FCAMR	0.0349888	0.5999	0.850588	-1.17566	0.0132555	2.55614	2.55614	0.505065	0.813189	-1.22973	0.0146733	0.399094	-2.50567	0.0970521	0.573022	-1.74513	0.298631	0.719363	-1.39012	0.0521561	1.96472	1.96472	0.393942	1.30602	1.30602	0.625591	0.860406	-1.16224	3.86758	5.72609	1.31603	1
cg16729555	FCAMR;FCAMR;FCAMR;FCAMR;FCAMR;FCAMR;FCAMR	0.0310451	0.0272218	0.256348	-3.90094	0.0144244	0.207951	-4.80882	0.104793	0.3972	-2.51763	0.100366	0.391597	-2.55364	0.00709462	0.163363	-6.12133	0.075207	0.356355	-2.80619	0.0115134	0.192801	-5.18669	0.02768	0.257746	-3.87978	0.13314	0.430048	-2.32532	4.03733	17.3456	3.81892	1
cg19204946	FCAMR;FCAMR;FCAMR;FCAMR;FCAMR;FCAMR;FCAMR	0.0274846	0.964571	1.00976	1.00976	0.0137116	0.513602	-1.94703	0.00109666	0.34904	-2.865	0.188493	0.737407	-1.3561	0.541796	1.14456	1.14456	0.989581	0.997149	-1.00286	0.160199	0.720345	-1.38822	0.160901	0.720795	-1.38736	0.14871	0.712761	-1.40299	4.21525	3.1908	0.672858	1
cg02478708	FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR	0.0278571	0.0243842	0.156109	-6.40578	0.018575	0.138621	-7.21389	0.0501435	0.213061	-4.69349	0.566331	0.669429	-1.49381	0.00924094	0.101535	-9.8488	0.0536448	0.219334	-4.55925	0.00665007	0.0873106	-11.4534	0.0330622	0.1781	-5.61482	0.430423	0.572816	-1.74576	4.19533	31.8485	6.74793	1
cg03249561	FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR	6.47E-05	0.285597	0.81916	-1.22076	0.428982	1.1563	1.1563	0.533566	0.892784	-1.12009	0.374943	0.84892	-1.17797	6.34E-07	0.0861096	-11.6131	0.22163	1.25993	1.25993	0.0265555	1.60458	1.60458	0.441202	0.868265	-1.15172	0.473081	0.876997	-1.14025	24.8632	12.7387	0.455422	1
cg14055835	FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR	0.00343345	0.00436729	0.232915	-4.29341	0.0503731	0.425887	-2.34804	0.00666146	0.259928	-3.84722	0.0222745	0.350512	-2.85297	0.00548252	0.247196	-4.04538	0.00383023	0.224953	-4.44538	0.000283454	0.103343	-9.67651	0.0282687	0.371149	-2.69434	0.0719454	0.463593	-2.15706	8.22088	19.0685	2.0618	1
cg27159673	FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR	0.0236228	0.0188229	0.228811	-4.37042	0.0182462	0.226484	-4.41532	0.213113	0.50685	-1.97297	0.575696	0.745978	-1.34052	0.0183925	0.227079	-4.40375	0.0937026	0.38468	-2.59956	0.00175467	0.0991744	-10.0832	0.097686	0.389943	-2.56448	0.942276	0.963164	-1.03824	4.44368	18.9038	3.78142	1
cg22820233	FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FC	0.00234948	0.0262334	0.227586	-4.39395	0.128065	0.397097	-2.51828	0.0205412	0.20876	-4.7902	0.361951	0.590923	-1.69227	0.000373682	0.0409789	-24.4028	0.00677209	0.139412	-7.17297	0.000247948	0.033499	-29.8517	0.0651814	0.312781	-3.19713	0.00684527	0.139976	-7.1441	9.19838	45.914	4.43692	1
cg05252264	FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FC	0.00245428	0.00525197	0.112084	-8.92189	0.127283	0.375159	-2.66553	0.0245547	0.203472	-4.91468	0.00603413	0.118525	-8.43701	0.00051086	0.0397035	-25.1867	0.0021426	0.0770291	-12.9821	0.000888989	0.0518291	-19.2942	0.297114	0.525894	-1.90152	0.00829431	0.13446	-7.43717	9.08121	50.8365	4.97599	1
cg09064148	FCER1A	9.24E-05	2.33E-06	0.0478301	-20.9073	0.316622	0.760673	-1.31463	0.00465563	0.369942	-2.70312	0.000170058	0.184652	-5.41559	0.000745131	0.258591	-3.86711	0.00141113	0.294866	-3.39138	0.0249108	0.493983	-2.02436	0.0142528	0.449894	-2.22274	0.00144739	0.296362	-3.37426	22.6103	25.001	0.982873	1
cg09581644	FCER1A	0.00224038	0.000840362	0.167153	-5.98255	0.152011	0.578957	-1.72724	0.0151333	0.345448	-2.89479	0.666433	0.856892	-1.16701	0.13329	0.561716	-1.78026	0.00105964	0.178328	-5.60764	0.00119954	0.184506	-5.41989	0.0447119	0.440119	-2.27211	0.000791447	0.164341	-6.08493	9.32749	18.7368	1.78558	1
cg24642483	FCER1A	0.0148528	0.299518	0.760727	-1.31453	0.281067	1.32972	1.32972	0.0318908	0.527499	-1.89574	0.000831361	0.278104	-3.59577	0.0601244	0.583121	-1.71491	0.932475	1.02179	1.02179	0.0176236	0.479774	-2.08431	0.728104	0.915055	-1.09283	0.0484471	0.563563	-1.77443	5.19762	5.32563	0.91078	1
cg20806175	FCER1G	0.000587445	0.509709	0.861215	-1.16115	0.00010229	0.215073	-4.64958	0.0155918	0.51555	-1.93968	0.948044	1.01467	1.01467	0.000887555	0.328729	-3.04202	0.000124671	0.224504	-4.45427	0.0110441	0.490604	-2.0383	0.00222042	0.383836	-2.60528	0.0237098	0.547036	-1.82803	13.6642	10.8015	0.702664	1
cg20609803	FCER1G	0.00450093	0.169321	0.845311	-1.183	0.0055639	1.51892	1.51892	0.0538142	1.28568	1.28568	0.0299174	0.745879	-1.3407	0.0272782	0.740954	-1.34961	0.76346	0.965952	-1.03525	0.00303676	1.59382	1.59382	0.0258492	1.35484	1.35484	0.231807	0.865943	-1.15481	7.57725	1.58086	0.185451	1
cg19677739	FCER1G	0.00730297	0.00470003	0.349947	-2.85758	0.321398	0.751031	-1.3315	0.0164165	0.44061	-2.26958	0.80625	0.933629	-1.07109	0.00126578	0.268534	-3.72392	0.00353373	0.331143	-3.01984	0.0946512	0.598462	-1.67095	0.869377	0.955045	-1.04707	0.00783105	0.385259	-2.59566	6.52817	8.07555	1.09958	1
cg13228041	FCER1G	0.00938849	0.44151	0.835569	-1.19679	0.0024192	2.62961	2.62961	0.39581	0.819512	-1.22024	0.0347954	0.569406	-1.75622	0.002731	0.387939	-2.57772	0.143979	1.43234	1.43234	0.639401	1.11407	1.11407	0.368621	1.23537	1.23537	0.892851	1.03133	1.03133	6.03083	5.00431	0.73759	1
cg26394055	FCER1G	0.0105386	0.0514437	1.56302	1.56302	0.450286	0.856467	-1.16759	0.455435	1.16546	1.16546	0.251292	0.785515	-1.27305	0.00377912	0.455178	-2.19694	0.184475	0.753126	-1.3278	0.303438	1.23948	1.23948	0.00646833	2.04029	2.04029	0.0349566	0.609588	-1.64045	5.81208	3.73432	0.571121	1
cg24465943	FCER1G	0.0325548	0.111839	0.650891	-1.53636	0.939705	1.01894	1.01894	0.439828	0.822522	-1.21577	0.995931	1.00127	1.00127	0.00626414	0.413395	-2.419	0.269057	1.33037	1.33037	0.0492369	0.573122	-1.74483	0.434352	1.21875	1.21875	0.00691599	0.420251	-2.37953	3.96936	3.86641	0.865834	1
cg13853198	FCER1G;FCER1G	7.46E-05	0.00958929	0.518015	-1.93045	0.0148921	1.82329	1.82329	0.173618	1.3369	1.3369	0.0151356	0.549602	-1.8195	9.64E-06	0.147941	-6.75945	0.000463451	0.331314	-3.01829	0.000128844	0.263228	-3.79899	0.115639	1.40919	1.40919	0.00126622	0.389276	-2.56887	23.9393	15.2507	0.566273	1
cg00104562	FCER2	0.00011824	0.342593	1.27885	1.27885	0.00256984	0.349388	-2.86214	0.000479164	0.251955	-3.96896	0.000302076	0.228135	-4.38337	0.151548	0.679417	-1.47185	0.0424211	0.555494	-1.8002	0.0334134	1.86869	1.86869	1.52E-05	0.104895	-9.53332	0.000235496	0.215806	-4.63378	21.1688	21.2142	0.890794	1
cg03221619	FCER2	0.000739326	0.884233	0.967958	-1.0331	0.00902101	0.476148	-2.10019	0.00700105	0.458617	-2.18047	0.00285807	0.399539	-2.50288	0.000321528	0.272253	-3.67305	0.958648	0.988477	-1.01166	4.20E-05	0.175074	-5.71188	0.0366406	0.58114	-1.72076	0.0590839	0.621004	-1.6103	12.813	10.1391	0.703392	1
cg05641903	FCER2	0.00139972	0.66688	0.849525	-1.17713	0.0313683	0.386401	-2.58799	0.00328428	0.221215	-4.52049	0.015577	0.327257	-3.0557	0.00090836	0.154362	-6.47828	0.0353233	0.397318	-2.51687	9.13E-05	0.0718872	-13.9107	0.00271602	0.210265	-4.75591	0.0237948	0.362038	-2.76214	10.6901	24.0115	1.99657	1
cg26015040	FCER2	0.00165006	0.00282868	0.279635	-3.57609	0.00337631	0.290702	-3.43995	0.015604	0.398969	-2.50646	0.00615446	0.330366	-3.02695	0.00154069	0.243686	-4.10364	0.00118749	0.229217	-4.36268	0.00108852	0.224503	-4.45428	0.0027979	0.27896	-3.58475	0.0044301	0.308233	-3.2443	10.1953	15.5081	1.35209	1
cg09773499	FCER2	0.0112798	0.00468127	0.174633	-5.7263	0.0301285	0.306161	-3.26626	0.0759217	0.399798	-2.50126	0.320532	0.62101	-1.61028	0.00571061	0.185957	-5.37759	0.0838915	0.411554	-2.42981	0.00135744	0.115452	-8.66161	0.0506897	0.355773	-2.81078	0.0217887	0.278607	-3.58929	5.68626	19.4018	3.03293	1
cg12261095	FCER2	0.0128845	0.0300017	0.371718	-2.69021	0.00454723	0.231022	-4.32859	0.0280233	0.365626	-2.73504	0.0234091	0.349984	-2.85727	0.0121936	0.297952	-3.35624	0.052834	0.426053	-2.34713	0.00423318	0.226647	-4.41214	0.00889997	0.275171	-3.6341	0.0616973	0.442271	-2.26106	5.446	12.9626	2.11573	1
cg12002047	FCER2	0.0147601	0.131407	0.445939	-2.24246	0.0154163	0.228993	-4.36695	0.0538134	0.33768	-2.96139	0.0235565	0.261603	-3.82258	0.00725899	0.179541	-5.56976	0.0368365	0.30047	-3.32812	0.00143157	0.101626	-9.84001	0.031374	0.285938	-3.49726	0.0806281	0.382591	-2.61376	5.20838	20.2825	3.46152	1
cg00828618	FCER2	0.022328	0.00344005	0.0823091	-12.1493	0.810282	1.16317	1.16317	0.0799984	0.294976	-3.39011	0.21306	0.438598	-2.27999	0.0229002	0.180728	-5.53317	0.0168278	0.159894	-6.25413	0.0141042	0.148952	-6.71357	0.0218534	0.177414	-5.63655	0.111308	0.336164	-2.97474	4.53086	28.3453	5.56094	1
cg21121609	FCER2;FCER2	0.000273918	0.764613	1.09187	1.09187	0.0221171	0.447947	-2.23241	0.0329802	0.481975	-2.07479	0.00976713	0.384292	-2.60218	3.41E-05	0.0954934	-10.4719	0.00425601	0.32642	-3.06354	2.13E-05	0.0817035	-12.2394	0.00702429	0.360572	-2.77337	0.077646	0.56327	-1.77535	16.8643	22.8797	1.20595	1
cg12387247	FCER2;FCER2	0.000366242	0.713195	0.885836	-1.12888	0.000334713	0.149608	-6.68411	0.0012104	0.210983	-4.73972	0.0356671	0.448065	-2.23182	0.000345143	0.150919	-6.62609	0.0884484	0.539463	-1.85369	2.34E-05	0.0623602	-16.0359	0.0215262	0.403904	-2.47584	0.0104116	0.34672	-2.88417	15.5738	26.5941	1.51788	1
cg25001845	FCF1	0.00625625	0.174907	0.864669	-1.15651	0.00143598	0.628471	-1.59116	0.000356666	0.561281	-1.78164	0.0722218	0.81693	-1.2241	0.0125474	0.731317	-1.3674	0.186712	0.86844	-1.15149	0.366048	0.910656	-1.09811	0.0251442	0.7646	-1.30787	0.0669233	0.81303	-1.22997	6.85003	1.10187	0.142983	1
cg14364859	FCF1;KIAA0317	0.000235865	0.000239897	0.506496	-1.97435	0.00191952	1.63478	1.63478	0.000109515	2.14307	2.14307	0.107117	0.821345	-1.21752	0.0107542	1.43133	1.43133	0.00494054	1.51675	1.51675	0.486752	1.08228	1.08228	0.0351987	1.31587	1.31587	0.0617128	0.790203	-1.2655	17.5662	3.48342	0.176269	1
cg06642626	FCF1;KIAA0317	0.0158067	0.00742127	0.229656	-4.35435	0.00816161	0.235914	-4.23883	0.34642	0.661245	-1.5123	0.428636	0.708423	-1.41159	0.114517	2.07975	2.07975	0.0442071	0.373034	-2.68072	0.00492796	0.204156	-4.8982	0.157853	0.525091	-1.90443	0.0564747	0.398038	-2.51232	5.09152	14.6749	2.56197	1
cg18812130	FCF1;KIAA0317;FCF1	9.15E-05	0.478185	1.07842	1.07842	0.00620008	0.688211	-1.45304	0.191811	0.865308	-1.15566	0.00291951	0.651714	-1.53441	1.46E-05	0.38947	-2.5676	0.148892	0.850372	-1.17596	9.32E-06	0.367089	-2.72414	0.949788	1.00662	1.00662	0.0699052	1.23639	1.23639	22.6746	3.93668	0.154325	1
cg09965679	FCF1;KIAA0317;FCF1	0.0151237	?	?	?	0.00815835	1.56007	1.56007	0.022569	1.35996	1.35996	?	?	?	?	?	?	?	?	?	?	?	?	0.0942208	0.842506	-1.18693	0.0632271	0.815124	-1.22681	21.5348	0.719648	0.0250634	1
cg03751967	FCGBP	1.34E-05	0.000232049	4.76989	4.76989	0.0013656	3.28167	3.28167	0.555643	1.16467	1.16467	0.000354993	0.23071	-4.33444	0.000933161	0.282682	-3.53755	0.000886417	0.279775	-3.5743	2.33E-06	0.0527947	-18.9413	0.0021407	3.01292	3.01292	0.527338	1.17796	1.17796	37.6009	38.9481	0.920738	1
cg05385610	FCGBP	3.72E-05	8.64E-05	2.6159	2.6159	0.00046493	2.11991	2.11991	0.751133	0.957505	-1.04438	0.0448628	0.730352	-1.3692	0.00446281	0.595946	-1.678	0.0545279	0.742528	-1.34675	4.57E-06	0.237707	-4.20686	0.711788	1.05195	1.05195	0.0609163	1.33416	1.33416	28.7783	8.48983	0.262229	1
cg17842966	FCGBP	7.48E-05	0.170355	0.835979	-1.1962	0.00150589	0.570605	-1.75253	0.10116	0.802328	-1.24637	2.27E-05	0.353047	-2.83248	3.34E-06	0.260282	-3.84198	0.388356	0.897207	-1.11457	0.103601	1.24407	1.24407	0.163324	0.833151	-1.20026	0.894628	1.01639	1.01639	23.9246	5.70378	0.211917	1
cg24864275	FCGBP	0.000351112	0.00249206	3.52407	3.52407	0.0448505	1.99399	1.99399	0.323482	1.35751	1.35751	0.473556	1.24418	1.24418	0.000801193	4.55791	4.55791	0.00127591	0.244575	-4.08873	5.93E-05	9.271	9.271	0.00326772	3.32601	3.32601	0.183242	1.52691	1.52691	15.7555	22.4172	1.26473	1
cg19103704	FCGBP	0.000371356	0.000977113	0.16112	-6.20657	0.000174714	0.0934291	-10.7033	0.00641946	0.267188	-3.74268	0.00680307	0.271083	-3.68891	0.000548521	0.135585	-7.37546	0.00233036	0.20548	-4.86666	7.60E-05	0.0691833	-14.4543	0.000962349	0.160407	-6.23413	0.10554	0.517765	-1.93138	15.5145	34.0483	1.95076	1
cg11994115	FCGBP	0.00124924	0.388644	0.782791	-1.27748	0.00182161	3.41507	3.41507	0.00277248	0.318653	-3.13821	0.768651	1.08519	1.08519	0.65817	0.883893	-1.13136	0.852362	1.053	1.053	0.000190868	0.175081	-5.71164	0.0957425	1.66058	1.66058	0.075481	1.73063	1.73063	11.0442	13.4382	1.08157	1
cg12554678	FCGBP	0.00192435	0.0170129	0.226728	-4.41057	0.295881	0.575346	-1.73809	0.0149655	0.217466	-4.59842	0.0293948	0.27026	-3.70014	0.000295766	0.049511	-20.1975	0.0541658	0.328078	-3.04805	0.000110711	0.0311599	-32.0925	0.226628	0.523395	-1.9106	0.0498285	0.31952	-3.12969	9.75075	40.1647	3.66146	1
cg19805238	FCGBP	0.00236089	0.0188614	0.431201	-2.31911	0.0333509	0.479312	-2.08632	0.00083125	0.225831	-4.4281	0.01513	0.413681	-2.41732	0.339052	0.747202	-1.33833	0.0170185	0.422959	-2.36429	0.000104854	0.131722	-7.59175	0.659576	0.877135	-1.14007	0.0848399	0.56917	-1.75694	9.18532	12.7226	1.2312	1
cg14741399	FCGBP	0.00341441	0.817206	0.94674	-1.05626	0.548752	1.15422	1.15422	0.0106882	0.468363	-2.1351	0.00737125	0.442076	-2.26205	0.0293867	0.54526	-1.83399	0.00153812	0.340541	-2.93651	0.000288539	0.247025	-4.04818	0.816337	0.946489	-1.05654	0.439155	0.829844	-1.20505	8.23455	7.28749	0.786657	1
cg03747345	FCGBP	0.0037757	0.00739791	0.171585	-5.828	0.00232563	0.113928	-8.77746	0.0520236	0.32332	-3.09291	0.286078	0.567844	-1.76105	0.00508079	0.150788	-6.63184	0.490403	0.699181	-1.43025	0.000247781	0.0454782	-21.9886	0.0220547	0.245978	-4.06541	0.03988	0.297174	-3.36504	7.99006	33.0191	3.67335	1
cg00336028	FCGBP	0.00424847	0.240498	1.32961	1.32961	0.00447299	2.4081	2.4081	0.024833	1.85749	1.85749	0.116476	1.48501	1.48501	0.0160899	0.505189	-1.97946	0.00472699	2.38702	2.38702	0.00191627	2.76926	2.76926	0.0179143	1.94835	1.94835	0.688598	1.09789	1.09789	7.71091	6.56326	0.756592	1
cg03914274	FCGBP	0.00561921	0.9921	0.997701	-1.0023	0.127659	1.4667	1.4667	0.117696	0.673627	-1.4845	0.267921	0.764648	-1.30779	0.00513868	0.423411	-2.36177	0.315737	1.27278	1.27278	0.0003245	0.258838	-3.86342	0.154633	1.42511	1.42511	0.754441	0.929637	-1.07569	7.08075	6.06347	0.761183	1
cg18075317	FCGBP	0.00701831	0.000612754	0.175424	-5.70046	0.403427	0.754262	-1.3258	0.0140828	0.368017	-2.71726	0.0600111	0.496674	-2.01339	0.00113343	0.206046	-4.85328	0.0352764	0.445435	-2.245	0.829587	0.931373	-1.07368	0.870187	0.947483	-1.05543	0.368752	0.737496	-1.35594	6.60973	11.389	1.53162	1
cg00398728	FCGBP	0.00828362	0.0797348	0.45259	-2.2095	0.00134846	0.149824	-6.6745	0.00877901	0.256494	-3.89872	0.268523	0.625107	-1.59973	0.0031484	0.192951	-5.18266	0.0165741	0.303281	-3.29727	0.238529	1.65415	1.65415	0.849717	0.925582	-1.0804	0.123337	0.506363	-1.97487	6.2749	16.5175	2.33983	1
cg13462967	FCGBP	0.00941463	0.298645	0.671364	-1.48951	0.377397	0.715342	-1.39793	0.00100167	0.164192	-6.09045	0.744541	1.12855	1.12855	0.00164758	0.188918	-5.2933	0.0141117	0.326145	-3.06612	0.353242	1.42373	1.42373	0.210104	0.613552	-1.62985	0.315678	0.681331	-1.46772	6.02549	13.0543	1.92579	1
cg10016575	FCGBP	0.010111	0.00696308	3.25043	3.25043	0.00732489	3.21359	3.21359	0.230275	1.52955	1.52955	0.404473	1.33379	1.33379	0.318866	1.41601	1.41601	0.78843	0.913184	-1.09507	0.0275529	0.414816	-2.41071	0.00384213	3.72684	3.72684	0.045922	2.16521	2.16521	5.88979	10.6351	1.60506	1
cg24030627	FCGBP	0.0104944	0.350762	0.636666	-1.57068	0.496868	1.38307	1.38307	0.0809475	0.402622	-2.48372	0.011801	0.228021	-4.38557	0.000632162	0.0846803	-11.8091	0.013782	0.238999	-4.18411	0.0119009	0.228606	-4.37434	0.499971	0.724773	-1.37974	0.418093	0.677731	-1.47551	5.81992	20.3723	3.11151	1
cg05373705	FCGBP	0.0105711	0.00238355	0.626667	-1.59574	0.176225	0.853263	-1.17197	0.0844699	1.23444	1.23444	0.189537	0.857814	-1.16575	0.00372981	0.649036	-1.54075	0.0815715	0.808129	-1.23743	0.0113494	0.704813	-1.41882	0.572235	1.06501	1.06501	0.569918	0.938595	-1.06542	5.80634	1.12004	0.171465	1
cg20458779	FCGBP	0.0163641	0.00177668	3.08083	3.08083	0.0263676	1.94634	1.94634	0.858725	0.955945	-1.04609	0.752773	1.08319	1.08319	0.17513	0.694441	-1.44001	0.574174	0.866257	-1.15439	0.229537	1.37551	1.37551	0.00599482	2.4799	2.4799	0.2105	1.39608	1.39608	5.03314	5.09746	0.900248	1
cg02299937	FCGBP	0.0164389	0.065527	0.625185	-1.59953	0.303789	1.27383	1.27383	0.406144	0.824383	-1.21303	0.0378246	0.578515	-1.72856	0.231957	0.752105	-1.3296	0.0607236	0.618492	-1.61683	0.00255049	0.386277	-2.58882	0.0287435	1.7971	1.7971	0.592128	1.13077	1.13077	5.02549	4.11007	0.726973	1
cg14016587	FCGBP	0.021567	0.390988	1.29351	1.29351	0.0424539	0.5045	-1.98216	0.00871476	0.375813	-2.6609	0.494967	0.816356	-1.22496	0.577931	0.848249	-1.1789	0.000998257	0.239042	-4.18336	0.913292	0.96861	-1.03241	0.722459	0.900845	-1.11007	0.927278	0.973624	-1.02709	4.58507	6.22588	1.20699	1
cg02445292	FCGBP	0.024887	0.958965	1.02801	1.02801	0.259402	0.531693	-1.88079	0.0287926	0.250484	-3.99226	0.627399	1.30033	1.30033	0.06903	0.335428	-2.98126	0.972892	1.01841	1.01841	0.000762252	0.0646699	-15.4631	0.830166	0.891078	-1.12224	0.104986	0.386291	-2.58872	4.3641	19.9236	4.05809	1
cg22509205	FCGBP	0.0353167	0.0566646	0.206202	-4.8496	0.0166267	0.117613	-8.50247	0.0448382	0.185392	-5.39398	0.0737786	0.232546	-4.30023	0.0943219	0.260269	-3.84217	0.158727	0.332032	-3.01176	0.00188158	0.0397366	-25.1657	0.473822	0.586755	-1.70429	0.338227	0.485531	-2.0596	3.85454	32.6987	7.5406	1
cg25258938	FCGBP	0.0353328	0.160345	0.833786	-1.19935	0.752734	1.03905	1.03905	0.0255639	0.72504	-1.37923	0.878528	1.01871	1.01871	0.809425	1.02972	1.02972	0.669526	0.949296	-1.05341	0.816293	0.97219	-1.02861	0.798165	0.96942	-1.03155	0.000939724	0.549857	-1.81865	3.8539	0.89659	0.206795	1
cg25636820	FCGBP	0.036701	0.562157	0.760062	-1.31568	0.130765	0.465852	-2.1466	0.367397	0.648267	-1.54257	0.0719468	0.390482	-2.56094	0.0352623	0.317305	-3.15154	0.55143	0.754203	-1.3259	0.000803253	0.0936508	-10.678	0.545324	0.750859	-1.33181	0.363556	0.645886	-1.54826	3.80108	13.193	3.08521	1
cg09380415	FCGBP	0.0425697	0.351395	0.602083	-1.6609	0.286816	0.557044	-1.79519	0.0581212	0.322089	-3.10474	0.807964	0.879133	-1.13748	0.00159654	0.0910839	-10.9789	0.345994	0.598448	-1.67099	0.345538	0.59814	-1.67185	0.106367	2.54168	2.54168	0.707458	0.819196	-1.22071	3.59928	15.9531	3.93982	1
cg04608406	FCGR1C	0.0119187	0.950886	1.01255	1.01255	0.152829	0.733462	-1.3634	0.00332305	0.445144	-2.24646	0.149178	1.36774	1.36774	0.00133513	0.388984	-2.5708	0.362721	0.827461	-1.20852	0.787164	1.05632	1.05632	0.0252034	0.583394	-1.71411	0.921149	0.980154	-1.02025	5.58579	3.62605	0.577027	1
cg00012317	FCGR1C	0.0170457	0.758966	0.925992	-1.07992	0.715064	0.912472	-1.09592	0.00196388	0.335147	-2.98377	0.260483	0.74586	-1.34073	0.537224	1.16893	1.16893	0.0244601	0.511867	-1.95363	0.00289469	0.359462	-2.78193	0.30195	0.765539	-1.30627	0.476327	1.19833	1.19833	4.96502	4.90803	0.878686	1
cg03950354	FCGR1C	0.0403306	0.176365	0.483303	-2.06909	0.0563606	0.335204	-2.98326	0.0370302	0.293757	-3.40418	0.251029	0.545151	-1.83435	0.010163	0.194016	-5.1542	0.0147812	0.219283	-4.56033	0.0427735	0.30738	-3.2533	0.0136519	0.213701	-4.67943	0.0906528	0.389459	-2.56766	3.67198	14.882	3.60253	1
cg24422489	FCGR2A;FCGR2A	0.00795073	0.352604	1.19762	1.19762	0.0869104	0.700165	-1.42823	0.46319	0.868679	-1.15117	0.561102	0.895121	-1.11717	0.00810385	0.527724	-1.89493	0.00109929	0.40359	-2.47776	0.00131982	0.414394	-2.41316	0.331736	0.827955	-1.2078	0.0883804	0.701556	-1.4254	6.35649	3.57834	0.500394	1
cg27565811	FCGR2A;FCGR2A	0.0301995	0.205107	0.665284	-1.50312	0.697493	0.887744	-1.12645	0.977139	1.00877	1.00877	0.025678	0.445825	-2.24304	0.0343617	0.471249	-2.12202	0.512184	0.816573	-1.22463	0.00638469	2.95024	2.95024	0.0888163	0.564304	-1.7721	0.394131	1.30482	1.30482	4.07722	6.00032	1.30815	1
cg25378117	FCGR2A;FCGR2A	0.0330985	0.411887	0.804579	-1.24289	0.323494	0.767769	-1.30248	0.143874	0.665688	-1.5022	0.0248194	0.500419	-1.99833	0.299737	0.756913	-1.32116	0.0273454	0.508357	-1.96712	0.779541	0.929858	-1.07543	0.00110318	0.2875	-3.47826	0.135064	0.658696	-1.51815	3.94583	4.19707	0.945488	1
cg22942846	FCGR2B;FCGR2B;FCGR2B;FCGR2B	0.000229358	0.000200445	0.429184	-2.33	0.0109522	0.648759	-1.54141	0.139952	0.80637	-1.24013	0.898991	0.982937	-1.01736	0.000783057	0.502431	-1.99032	0.960785	0.993359	-1.00669	7.45E-06	0.262741	-3.80602	0.851194	0.974871	-1.02578	0.0392533	0.723788	-1.38162	17.7004	5.14832	0.258541	1
cg00831970	FCGR2B;FCGR2B;FCGR2B;FCGR2B	0.00277336	0.000841493	0.335036	-2.98475	0.447601	0.844898	-1.18357	0.0137241	0.515029	-1.94164	0.538323	0.873131	-1.1453	0.00036817	0.288828	-3.46226	0.558361	1.13756	1.13756	0.588899	1.12616	1.12616	0.105685	0.680549	-1.4694	0.00284056	0.408731	-2.4466	8.75971	6.57824	0.667524	1
cg19242610	FCGR2C	0.00228093	0.747505	0.868762	-1.15106	0.299285	1.59767	1.59767	0.0183585	0.28755	-3.47766	0.061292	2.50525	2.50525	0.00147085	0.135408	-7.38509	0.617169	0.802918	-1.24546	0.000229241	0.069559	-14.3763	0.0127773	0.259957	-3.84679	0.162238	0.522089	-1.91538	9.27861	27.8777	2.67067	1
cg07111566	FCGR3A;FCGR3A;FCGR3A;FCGR3A;FCGR3A	0.001249	0.40912	1.25496	1.25496	0.000341007	0.211823	-4.72092	0.0175977	0.459783	-2.17494	0.0499976	0.548125	-1.8244	0.000441646	0.224788	-4.44863	0.985035	1.00506	1.00506	0.00878617	0.40752	-2.45387	0.00474961	0.364692	-2.74204	0.00121323	0.279643	-3.57599	11.0448	12.6582	1.01874	1
cg03228353	FCGR3A;FCGR3A;FCGR3A;FCGR3A;FCGR3A	0.00433327	0.0596991	0.566543	-1.76509	0.80825	0.937054	-1.06717	0.0008728	0.263131	-3.80038	0.559469	0.854008	-1.17095	0.00466741	0.365724	-2.7343	0.100847	0.618463	-1.61691	0.397652	0.793279	-1.26059	0.000304332	0.208211	-4.80281	0.215145	0.705471	-1.41749	7.66493	8.67995	1.0066	1
cg26561570	FCGR3B	0.00138057	0.0394106	0.48842	-2.04742	0.846185	0.943269	-1.06014	0.0428917	0.496206	-2.01529	0.000445466	0.188928	-5.29302	0.00921638	0.370073	-2.70217	0.00086921	0.222582	-4.49273	0.0208491	0.433296	-2.30789	0.000154091	0.142232	-7.03076	0.297315	0.722584	-1.38392	10.7325	15.3717	1.27312	1
cg04567009	FCGR3B	0.0215866	0.32032	0.667382	-1.49839	0.346338	0.68256	-1.46507	0.447177	0.73705	-1.35676	0.0107086	0.282762	-3.53654	0.0398311	0.392275	-2.54923	0.00348919	0.209961	-4.76278	0.0172702	0.319123	-3.13359	0.0166504	0.316214	-3.16241	0.0183512	0.324004	-3.08638	4.58364	11.2582	2.18326	1
cg00974864	FCGR3B;FCGR3B	0.00806015	0.25381	0.806575	-1.23981	0.197204	0.781997	-1.27878	0.00125658	0.427588	-2.3387	0.00227036	0.462921	-2.1602	0.0343319	0.640629	-1.56097	0.679942	0.927904	-1.0777	0.144124	1.32716	1.32716	0.0172792	0.592676	-1.68726	0.0414522	0.654318	-1.52831	6.32921	3.26153	0.458057	1
cg10614856	FCGRT;FCGRT	5.13E-05	0.00091674	0.528056	-1.89374	0.602077	0.934442	-1.07016	0.0425341	0.740063	-1.35124	0.419294	1.11222	1.11222	0.000569701	0.502664	-1.9894	8.86E-06	0.288783	-3.46281	8.19E-06	0.285028	-3.50843	0.0717945	1.29574	1.29574	0.751387	0.959862	-1.04182	26.4474	6.95846	0.233871	1
cg18118703	FCGRT;FCGRT	0.000242841	0.00576215	0.707293	-1.41384	9.73E-05	0.515262	-1.94076	8.04E-05	0.505945	-1.9765	0.223448	0.884771	-1.13024	0.00155264	0.646947	-1.54572	0.713685	1.0359	1.0359	0.00209219	1.51342	1.51342	0.993013	1.00084	1.00084	0.648659	0.957045	-1.04488	17.4274	2.52849	0.128966	1
cg07071036	FCGRT;FCGRT	0.000797028	0.00264183	0.531755	-1.88057	0.122999	0.775965	-1.28872	0.000222429	0.393317	-2.54248	0.0110995	0.616706	-1.62152	5.75E-05	0.322141	-3.10423	0.0370878	0.692498	-1.44405	0.00349229	0.547961	-1.82495	0.567591	0.916033	-1.09166	0.0164627	0.640892	-1.56033	12.5452	4.57832	0.324396	1
cg00270093	FCGRT;FCGRT	0.034711	0.0835993	0.51068	-1.95817	0.974117	0.988679	-1.01145	0.0158813	0.354674	-2.81949	0.632281	0.844352	-1.18434	0.0051216	0.273128	-3.66129	0.0221699	0.381982	-2.61792	0.0176972	0.363355	-2.75213	0.489023	0.781415	-1.27973	0.967701	1.01431	1.01431	3.87875	7.56526	1.73372	1
cg05245099	FCGRT;FCGRT;FCGRT	0.00559593	0.0243122	0.550493	-1.81655	0.0341515	0.57712	-1.73274	0.0124651	0.500878	-1.9965	0.463862	0.84722	-1.18033	0.122963	0.689616	-1.45008	0.670661	1.09979	1.09979	0.000126034	0.226589	-4.41328	0.873923	0.965304	-1.03594	0.274935	0.776783	-1.28736	7.0898	5.55264	0.696167	1
cg08059845	FCGRT;FCGRT;FCGRT	0.0311634	0.0273407	0.187198	-5.34194	0.00851068	0.112736	-8.87026	0.0143812	0.142316	-7.02662	0.117324	0.340727	-2.9349	0.00431162	0.0820481	-12.188	0.117224	0.340607	-2.93593	0.0548845	0.249671	-4.00527	0.122244	0.346552	-2.88557	0.0543539	0.24868	-4.02123	4.43489	26.8475	4.70845	1
cg02617702	FCHO1;FCHO1	0.000415864	0.754703	1.11833	1.11833	0.00230304	0.218729	-4.57187	8.96E-05	0.0819785	-12.1983	0.53203	0.797826	-1.25341	0.00952942	0.309833	-3.22755	2.30E-05	0.0487078	-20.5306	0.0514099	0.453219	-2.20644	0.195786	0.613747	-1.62934	0.121639	0.549481	-1.8199	15.038	30.3256	1.79254	1
cg26743258	FCHO1;FCHO1	0.00132377	0.0211484	0.524808	-1.90546	0.368399	0.806646	-1.2397	0.38929	1.22776	1.22776	5.26E-05	0.172504	-5.79695	0.00276619	0.382892	-2.6117	0.0894452	0.646934	-1.54575	0.0743126	1.58803	1.58803	0.038101	0.571733	-1.74907	0.51917	1.16414	1.16414	10.8626	9.30576	0.761496	1
cg26630773	FCHO1;FCHO1	0.030094	0.361226	1.21281	1.21281	0.442974	1.17445	1.17445	0.388939	0.834015	-1.19902	0.759483	0.938825	-1.06516	0.988708	1.00291	1.00291	0.318477	0.809002	-1.23609	0.00053465	0.330284	-3.0277	0.811022	0.951951	-1.05047	0.6048	1.11329	1.11329	4.08229	2.73218	0.594911	1
cg18329931	FCHO1;FCHO1	0.0389417	0.223998	0.661047	-1.51275	0.0812914	0.534626	-1.87047	0.10382	1.77952	1.77952	0.179525	1.58718	1.58718	0.125383	0.584225	-1.71167	0.0104202	0.351653	-2.84371	0.0402353	0.463959	-2.15536	0.075732	0.527009	-1.8975	0.413206	0.762563	-1.31137	3.71962	6.18546	1.47816	1
cg06336535	FCHO1;FCHO1;FCHO1;FCHO1	1.65E-05	0.000369593	3.00475	3.00475	0.000893949	2.61187	2.61187	0.0939656	1.42682	1.42682	0.655412	0.916957	-1.09056	0.00242716	0.442719	-2.25877	0.00307043	0.457312	-2.18669	0.175759	1.32032	1.32032	6.77E-07	13.5834	13.5834	0.00134165	2.45832	2.45832	35.6299	21.0227	0.524471	1
cg02639359	FCHO1;FCHO1;FCHO1;FCHO1	0.00241037	0.55831	0.934677	-1.06989	0.21453	1.16081	1.16081	0.0114437	0.696897	-1.43493	0.0164604	0.715717	-1.3972	0.452058	1.09137	1.09137	0.00425499	1.54736	1.54736	0.000719674	1.79917	1.79917	0.0148363	1.40781	1.40781	0.467325	0.919062	-1.08807	9.12954	1.88301	0.183337	1
cg15822394	FCHO1;FCHO1;FCHO1;FCHO1	0.00352619	0.0376375	1.75289	1.75289	0.428263	1.20711	1.20711	0.632009	0.893776	-1.11885	0.382823	1.23158	1.23158	0.567648	1.14391	1.14391	0.185438	0.721213	-1.38655	0.121004	1.47896	1.47896	5.47E-05	5.7487	5.7487	0.0808855	1.5691	1.5691	8.15559	6.99699	0.762612	1
cg08358907	FCHO1;FCHO1;FCHO1;FCHO1	0.00395627	0.0068348	4.35913	4.35913	0.00397633	5.08984	5.08984	0.175948	1.83066	1.83066	0.0842901	2.23122	2.23122	0.828872	1.09523	1.09523	0.14376	0.516813	-1.93494	0.752128	0.875335	-1.14242	0.000531641	9.6462	9.6462	0.0053047	4.68353	4.68353	7.87854	22.0348	2.48606	1
cg11737334	FCHO1;FCHO1;FCHO1;FCHO1	0.0212573	0.838404	1.06213	1.06213	0.00264384	3.41405	3.41405	0.95724	1.01595	1.01595	0.337037	0.746654	-1.33931	0.494519	0.814846	-1.22723	0.396162	0.773776	-1.29236	0.718828	1.11261	1.11261	0.013474	0.40539	-2.46676	0.0287431	0.467021	-2.14123	4.60781	6.35789	1.2265	1
cg21526019	FCHO1;FCHO1;FCHO1;FCHO1	0.0236623	0.0391386	2.31899	2.31899	0.281272	1.48376	1.48376	0.0394169	2.31539	2.31539	0.333799	1.42085	1.42085	0.0362707	2.35798	2.35798	0.370804	0.723387	-1.38239	0.148459	1.72655	1.72655	0.00131472	5.19372	5.19372	0.0520068	2.17913	2.17913	4.44112	8.73262	1.74783	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg17372738	FCHO2;FCHO2	0.00624645	0.215406
cg17829914	FCHO2;FCHO2	0.00851149	0.397921
cg04999502	FCHO2;FCHO2	0.0150151	0.00409614
cg13337201	FCHO2;FCHO2	0.0188843	0.285084
cg21224291	FCHO2;FCHO2	0.0243207	0.249884
cg19725489	FCHO2;FCHO2	0.0280641	0.0320732
cg23374814	FCHO2;FCHO2	0.045656	0.43916
cg01208614	FCHSD1	1.22E-05	0.000186612
cg23429678	FCHSD1	0.00246109	0.291397
cg26661436	FCHSD1	0.00577663	0.31991
cg07204747	FCHSD1	0.0195276	0.235112
cg26739233	FCHSD2	3.76E-06	0.221311
cg27431671	FCHSD2	0.00165275	0.0423273
cg20932251	FCHSD2	0.00204357	0.00543111
cg22627646	FCHSD2	0.00515563	0.963662
cg13912027	FCHSD2	0.00720841	0.048466
cg17114257	FCHSD2	0.010913	0.0635441
cg10487853	FCHSD2	0.0165873	0.856592
cg02889437	FCHSD2	0.033681	0.884657
cg22152887	FCHSD2	0.0484456	0.781453
cg04735594	FCHSD2;FCHSD2	0.00306284	0.803366
cg14099812	FCN1	0.000244825	0.0196781
cg17357062	FCN1	0.000511127	0.300731
cg06244417	FCN1	0.013273	0.143062
cg13490117	FCN1	0.0359199	0.765229
cg14033273	FCN2;FCN2	4.46E-05	0.585665
cg26164184	FCN2;FCN2	0.00591693	0.00504774
cg13794588	FCN2;FCN2	0.0267134	0.0071935
cg01719260	FCN3;FCN3	0.000911864	0.0588266
cg20775044	FCN3;FCN3	0.00250759	0.703973
cg13082816	FCN3;FCN3	0.00500581	0.00409798
cg02365086	FCN3;FCN3	0.00548739	0.777466
cg11529819	FCN3;FCN3	0.020575	0.111629
cg24344394	FCRL1;FCRL1;FCRL1	1.20E-05	8.31E-07
cg22515937	FCRL1;FCRL1;FCRL1	0.000138894	9.61E-05
cg11810135	FCRL1;FCRL1;FCRL1	0.000412747	6.50E-05
cg00394221	FCRL1;FCRL1;FCRL1	0.00121096	0.000184263
cg09340639	FCRL1;FCRL1;FCRL1	0.00505643	0.00230628
cg08933467	FCRL1;FCRL1;FCRL1	0.0123463	0.00257561
cg05766896	FCRL1;FCRL1;FCRL1;FCRL1;FCRL1;FCRL1	0.000123163	6.29E-06
cg15761405	FCRL2	1.06E-06	4.54E-07
cg20674248	FCRL2	2.45E-05	5.63E-06
cg05784088	FCRL2	2.49E-05	1.06E-06
cg04559323	FCRL2	0.00612115	0.428724
cg05777583	FCRL2	0.0413917	0.00876814
cg08786003	FCRL3	7.48E-06	4.26E-06
cg17134153	FCRL3	1.89E-05	1.62E-05
cg05384663	FCRL3	4.22E-05	4.84E-05
cg24881910	FCRL3	5.20E-05	3.51E-05
cg25259754	FCRL3	7.79E-05	7.47E-05
cg05956521	FCRL3	8.39E-05	7.54E-06
cg07184316	FCRL3	0.000168521	8.49E-05
cg19602479	FCRL3	0.00105088	0.00240438
cg15602298	FCRL3	0.00128549	0.00159506
cg11150520	FCRL3	0.0135004	0.00270903
cg18268488	FCRL4	7.61E-05	3.58E-05
cg01612158	FCRL4	0.00036913	7.30E-05
cg13380622	FCRL4	0.00051434	0.000738554
cg17281600	FCRL4	0.000681918	0.00077413
cg03329572	FCRL5	2.24E-07	0.465137
cg21443284	FCRL5	1.76E-05	3.02E-05
cg14833337	FCRL5	2.30E-05	0.000394325
cg11080915	FCRL5	8.37E-05	0.000281682
cg00248302	FCRL5	0.000519375	0.000265122
cg10313167	FCRL5	0.000993596	0.0125554
cg12903648	FCRL5	0.00371693	0.0252829
cg24833981	FCRL6	1.29E-06	0.000115992
cg19762800	FCRL6	0.00760673	0.00171782
cg07719786	FCRL6	0.0117884	0.328161
cg25271063	FCRL6	0.0163475	0.00478288
cg25698205	FCRL6	0.0266734	0.09699
cg05033369	FCRLA	0.00398343	0.00874103
cg24074594	FCRLA	0.0208358	0.027303
cg02305590	FCRLA	0.032951	0.052206
cg27495845	FCRLB	0.000148234	0.548345
cg01194901	FCRLB	0.00539708	0.00097921
cg22678092	FCRLB	0.00805295	0.675125
cg26009555	FCRLB	0.0220407	0.120801
cg14210287	FCRLB	0.0345587	0.119514
cg25894839	FCRLB	0.0472809	0.0612743
cg00160981	FCRLB	0.048504	0.0398267
cg01029590	FDFT1	0.00134177	0.157447
cg21645268	FDFT1	0.0251017	0.210113
cg11598005	FDFT1	0.0251536	0.190605
ch.8.314562F	FDFT1	0.0369673	0.107956
cg14784428	FDFT1	0.0383712	0.606633
cg02711665	FDFT1	0.0443922	0.0189219
cg26316072	FDPS;FDPS;FDPS	2.90E-05	0.000124955
cg14788660	FDPS;FDPS;FDPS	0.00857938	0.260793
cg21787190	FDPS;FDPS;FDPS	0.00919752	0.00320213
cg21996336	FDPS;FDPS;FDPS	0.0142751	0.119423
cg14026927	FDPS;FDPS;FDPS	0.0172283	?
cg23022783	FDPS;FDPS;FDPS	0.0396093	0.115316
cg26420739	FDPS;FDPS;FDPS;FDPS;FDPS	0.00668278	0.927283
cg00034416	FDPS;FDPS;FDPS;FDPS;FDPS;FDPS	0.00338008	0.00949742
cg10836036	FDPS;FDPS;FDPS;FDPS;FDPS;FDPS	0.00497585	0.230824
cg10414747	FDX1	0.00148925	0.0168795
cg06674932	FDX1	0.0150008	0.0480743
cg05485370	FDX1	0.026422	0.394277
cg26763524	FDX1	0.0422634	0.746518
cg14572892	FDX1L	2.73E-05	5.91E-05
cg02456552	FDX1L;RAVER1	0.00158217	0.0579342
cg21592158	FDXACB1;C11orf1	0.00197364	0.601873
cg10307590	FDXACB1;C11orf1	0.00372131	0.151137
cg03742338	FDXACB1;C11orf1;FDXACB1	0.0202651	0.00356866
cg23273911	FDXR;FDXR	0.00083037	?
cg08112448	FDXR;FDXR	0.0103475	0.00574597
cg00904063	FDXR;FDXR	0.0396123	0.262749
cg11769049	FDXR;FDXR;FDXR;FDXR	0.0110957	0.828682
cg26493532	FECH;FECH	0.00187522	6.81E-05
cg00026731	FECH;FECH	0.0299952	0.30327
cg07352016	FECH;FECH	0.0358937	0.456856
cg05243804	FECH;FECH	0.0380517	0.145443
cg23889914	FEM1A	0.00183712	0.0415358
cg15075985	FEM1A	0.00357031	0.649363
cg16118817	FEM1A	0.0109394	0.961279
cg01729523	FEM1A	0.0251551	0.0998352
cg17317124	FEM1A	0.0436266	0.138082
cg09936371	FEM1A;FEM1A	0.001235	0.0518183
cg18571094	FEM1B	0.00687582	0.518112
cg02389877	FEM1B	0.0253957	0.0776428
cg23535768	FEM1B;FEM1B	0.00595885	0.184259
cg23941599	FEM1C	0.0263619	0.0562601
cg19433902	FEN1	0.0200391	0.978959
cg03805684	FEN1;C11orf10;MIR611	0.0368791	0.0645144
cg03114244	FEN1;C11orf10;MIR611;FEN1	0.00294792	0.000239298
cg11403831	FER	1.89E-05	0.00364791
cg08894663	FER	2.78E-05	0.000143388
cg02459827	FER	0.000457477	0.00354483
cg19526267	FER	0.00239849	0.0645877
cg16174681	FER	0.00550376	0.0114771
cg17755888	FER	0.00631013	0.25817
cg24044351	FER	0.00930369	0.0675019
cg16055106	FER	0.00958103	0.0630822
cg19730600	FER	0.0164374	0.0283355
cg14735844	FER	0.0197563	0.0650428
cg17317165	FER	0.0221003	0.682212
cg19779370	FER	0.0342575	0.907096
cg00506247	FER	0.042447	0.691481
cg15225701	FER	0.0432947	0.0228389
cg06575425	FER1L4	0.000167374	0.0023716

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03928367	FER1L4	0.0020568	0.00776826	1.43658	1.43658	0.00287537	1.54422	1.54422	0.000368412	0.546419	-1.8301	0.472215	0.925434	-1.08057	0.623251	1.05387	1.05387
cg22763739	FER1L4	0.00313747	0.0117856	2.36355	2.36355	0.145544	1.53323	1.53323	0.0347465	1.96025	1.96025	0.0202455	2.15034	2.15034	0.282599	1.35708	1.35708
cg23242649	FER1L4	0.0042151	0.0146848	0.283117	-3.53211	0.0043027	0.201129	-4.97195	0.101212	0.470496	-2.12541	0.431405	0.713661	-1.40123	0.00211636	0.1628	-6.14251
cg13544006	FER1L4	0.0212555	0.154274	1.33776	1.33776	0.0970291	1.41559	1.41559	0.47034	1.15044	1.15044	0.0085044	1.8981	1.8981	0.00522974	0.495112	-2.01975
cg22433521	FER1L4	0.0266365	0.795978	1.02439	1.02439	0.0560456	0.81771	-1.22293	0.0579304	0.819274	-1.22059	0.130571	1.16396	1.16396	0.0391381	1.24855	1.24855
cg20312557	FER1L5	0.0109033	0.369656	0.779265	-1.28326	0.533429	0.843033	-1.18619	0.151754	0.659867	-1.51546	0.621887	0.874092	-1.14404	0.000145975	0.170433	-5.8674
cg02644729	FER1L5;FER1L5	0.000596864	0.00130885	0.407042	-2.45675	0.00513551	0.491603	-2.03416	0.438592	0.859186	-1.16389	0.00070833	0.371155	-2.69429	0.000317757	0.326248	-3.06515
cg25685934	FER1L5;FER1L5	0.0127312	0.968698	0.994389	-1.00564	0.076082	0.753492	-1.32715	0.0184457	0.663722	-1.50666	0.01713	0.659266	-1.51684	0.0135645	0.645315	-1.54963
cg06005368	FER1L5;FER1L5	0.0156368	0.340124	0.878346	-1.1385	0.016644	0.679918	-1.47076	0.946692	1.00886	1.00886	0.837614	0.973287	-1.02745	0.979977	1.00332	1.00332
cg12257439	FER1L5;FER1L5	0.0187717	0.311533	1.29183	1.29183	0.260537	0.750506	-1.33244	0.0357379	0.550099	-1.81786	0.850805	1.04713	1.04713	0.00181474	0.338105	-2.95766
cg00423969	FER1L5;FER1L5	0.03113	0.011261	0.551559	-1.81304	0.34687	1.19906	1.19906	0.129416	0.735608	-1.35942	0.273086	0.807535	-1.23834	0.081412	0.696285	-1.43619
cg00723017	FER1L6	0.00805092	0.725222	0.899279	-1.112	0.254081	0.69888	-1.43086	0.00967152	0.373469	-2.6776	0.00216188	0.273839	-3.65178	0.00243603	0.281061	-3.55794
cg27470842	FER1L6	0.0301735	0.317507	0.84267	-1.1867	0.118818	0.755421	-1.32376	0.023471	0.638661	-1.56578	0.112835	0.751318	-1.33099	0.441088	0.877967	-1.13899
cg03169856	FER1L6	0.0406235	0.498325	1.1246	1.1246	0.00136068	2.21278	2.21278	0.598122	1.09512	1.09512	0.803675	1.04347	1.04347	0.0455135	1.47961	1.47961
cg13075456	FER1L6	0.0493943	0.671428	0.93836	-1.06569	0.475886	0.897539	-1.11416	0.00645769	0.589741	-1.69566	0.0679279	0.737221	-1.35644	0.670032	0.938087	-1.066
cg18151987	FER;FER	0.0039328	0.0195613	0.449775	-2.22334	0.117766	1.61779	1.61779	0.00802708	2.61669	2.61669	0.371851	0.771315	-1.29649	0.0372519	0.50422	-1.98326
cg15833873	FER;FER	0.00620639	0.0125395	0.36697	-2.72502	0.815782	1.07825	1.07825	0.0086186	2.9487	2.9487	0.843107	1.06606	1.06606	0.00552073	0.308071	-3.246
cg05328547	FERD3L	0.00146157	0.000337603	18.946	18.946	0.32014	0.592747	-1.68706	0.00764366	5.72989	5.72989	0.783179	1.15077	1.15077	0.0118884	4.94523	4.94523
cg07270153	FERD3L	0.0018599	0.000579111	10.6455	10.6455	0.00646867	4.82121	4.82121	0.576118	1.28525	1.28525	0.946545	0.970648	-1.03024	0.144913	2.00493	2.00493
cg23536473	FERD3L	0.00228607	0.00136925	21.1026	21.1026	0.0194673	6.38738	6.38738	0.0125967	7.66602	7.66602	0.306659	2.00336	2.00336	0.0209181	6.19976	6.19976
cg11241627	FERD3L	0.010738	0.0106076	6.2608	6.2608	0.304747	0.545186	-1.83424	0.0152917	5.47239	5.47239	0.686787	0.793448	-1.26032	0.140061	2.47479	2.47479
cg23054426	FERD3L	0.0401485	0.0196777	5.00297	5.00297	0.324772	1.78792	1.78792	0.129341	2.55085	2.55085	0.727284	0.818682	-1.22148	0.303917	1.83753	1.83753
cg10043037	FERD3L	0.0486991	0.0431957	9.8939	9.8939	0.321881	2.74123	2.74123	0.132262	4.95663	4.95663	0.232557	3.43353	3.43353	0.602403	0.595762	-1.67852
cg02503874	FERD3L;FERD3L	4.68E-05	1.89E-05	20.9497	20.9497	0.000354834	7.42738	7.42738	0.0349515	2.36137	2.36137	0.609135	1.19758	1.19758	0.00141045	5.03338	5.03338
cg07718903	FERMT1	0.00074732	0.00100094	0.171439	-5.83297	0.219489	1.59377	1.59377	0.0459839	0.437989	-2.28316	0.691616	1.15479	1.15479	0.00151009	0.19206	-5.20671
cg15692360	FERMT1	0.00650266	0.00484544	0.290413	-3.44337	0.229878	1.51729	1.51729	0.003784	0.274462	-3.64349	0.965639	0.985844	-1.01436	0.0282656	0.424367	-2.35645
cg00268644	FERMT1	0.0109741	0.289933	0.840822	-1.18931	0.283712	0.838785	-1.1922	0.169658	0.79381	-1.25975	0.462742	1.12523	1.12523	0.00297474	1.90291	1.90291
cg26758396	FERMT1	0.0117725	0.00375663	0.221543	-4.5138	0.801706	1.10181	1.10181	0.125801	0.528226	-1.89313	0.517438	1.28769	1.28769	0.0302875	0.374847	-2.66776
cg04242132	FERMT1	0.0172093	0.901444	1.03225	1.03225	0.187444	1.4303	1.4303	0.238613	1.37188	1.37188	0.883499	1.03828	1.03828	0.163206	0.683005	-1.46412
cg16886329	FERMT1	0.0444238	0.017432	0.36399	-2.74732	0.161014	1.68664	1.68664	0.519984	1.25573	1.25573	0.0138041	2.89406	2.89406	0.184908	0.612041	-1.63388
cg09915883	FERMT2;FERMT2	0.00110208	0.863979	1.06671	1.06671	0.000313298	0.110721	-9.03172	0.0172568	0.335349	-2.98197	0.0207316	0.350349	-2.85429	9.67E-05	0.0734106	-13.622
cg12104022	FERMT2;FERMT2;FERMT2	0.000397329	0.00844305	0.688337	-1.45278	0.0339461	1.31643	1.31643	0.0768247	0.803707	-1.24423	0.00013712	0.48074	-2.08013	0.127625	1.20073	1.20073
cg00871698	FERMT2;FERMT2;FERMT2	0.000598895	0.652218	0.966972	-1.03416	0.0124162	1.25905	1.25905	0.00022559	1.57481	1.57481	0.0143441	1.25043	1.25043	0.458465	1.05748	1.05748
cg00734436	FERMT2;FERMT2;FERMT2	0.00136863	0.334636	0.767993	-1.3021	0.330763	0.766261	-1.30504	0.00280394	0.335384	-2.98166	0.00715452	0.397978	-2.5127	0.142174	0.657961	-1.51985
cg19909334	FERMT2;FERMT2;FERMT2	0.00497992	0.707516	0.95075	-1.0518	0.231017	1.18335	1.18335	0.00413828	1.67391	1.67391	0.00406256	0.596382	-1.67678	0.724122	0.953625	-1.04863
cg10334927	FERMT2;FERMT2;FERMT2	0.0079331	0.452275	1.12488	1.12488	0.414361	0.879654	-1.13681	0.259664	1.19806	1.19806	0.0907512	1.33158	1.33158	0.0174105	1.56038	1.56038
cg18364576	FERMT2;FERMT2;FERMT2	0.0117729	0.0277194	0.675617	-1.48013	0.182173	0.807854	-1.23785	0.476555	1.11525	1.11525	0.914604	1.0163	1.0163	0.541996	1.09748	1.09748
cg18696900	FERMT2;FERMT2;FERMT2	0.0140095	0.647889	0.895658	-1.1165	0.0526434	0.589796	-1.6955	0.227915	1.35434	1.35434	0.0245776	1.89969	1.89969	0.445724	0.830034	-1.20477
cg08085909	FERMT2;FERMT2;FERMT2	0.0230788	0.867629	0.958762	-1.04301	0.100671	1.57451	1.57451	0.0122746	0.455017	-2.19772	0.316154	0.769794	-1.29905	0.57106	0.865434	-1.15549
cg01284467	FERMT2;FERMT2;FERMT2	0.0237787	0.0458829	0.516198	-1.93724	0.00251407	0.29744	-3.36202	0.00905403	0.383446	-2.60793	0.379404	1.29767	1.29767	0.266196	0.715501	-1.39762
cg22056218	FERMT3;FERMT3	0.000239187	0.000647364	0.271765	-3.67965	0.0388127	0.551175	-1.81431	0.00868437	0.434821	-2.2998	0.907511	1.02936	1.02936	1.33E-05	0.103079	-9.70126
cg01447914	FERMT3;FERMT3	0.00166472	0.12945	0.64521	-1.54988	0.00156143	0.296456	-3.37318	0.000264518	0.201356	-4.96632	0.0129355	0.438142	-2.28236	0.127524	0.643554	-1.55387
cg20136100	FERMT3;FERMT3	0.00368698	0.790967	0.897787	-1.11385	0.0127832	0.284974	-3.50909	0.0011754	0.144788	-6.90666	0.0156973	0.300622	-3.32644	0.146503	0.531217	-1.88247
cg06385449	FERMT3;FERMT3	0.00722691	0.0224604	0.602438	-1.65992	0.0102676	0.549041	-1.82136	0.0232678	0.604924	-1.6531	0.0190907	0.59109	-1.69179	0.00234239	0.455115	-2.19725
cg01647936	FERMT3;FERMT3	0.00900681	0.00313831	0.23797	-4.2022	0.0421121	0.434955	-2.29909	0.0278302	0.39683	-2.51997	0.39343	0.732864	-1.36451	0.588488	1.21434	1.21434
cg02556655	FERMT3;FERMT3	0.012993	0.535335	0.790261	-1.2654	0.00352233	0.226793	-4.40931	0.00272423	0.211848	-4.72037	0.0240429	0.364509	-2.74342	0.644099	0.839928	-1.19058
cg06243084	FERMT3;FERMT3	0.0182268	0.94727	1.02499	1.02499	0.0118548	3.22923	3.22923	0.267705	0.649977	-1.53852	0.217969	1.62185	1.62185	0.00143479	0.179079	-5.58413
cg12005186	FERMT3;FERMT3	0.0211556	0.0077916	0.40859	-2.44744	0.0491688	0.555274	-1.80091	0.0223406	0.488111	-2.04872	0.257873	0.733942	-1.3625	0.00331533	0.35071	-2.85135
cg14654385	FERMT3;FERMT3	0.0227579	0.230238	0.799283	-1.25112	0.860893	1.03171	1.03171	0.401995	0.858415	-1.16494	0.156918	0.763788	-1.30926	0.577713	0.904744	-1.10529
cg09302355	FERMT3;FERMT3	0.0346268	0.499225	0.874262	-1.14382	0.0525355	0.649315	-1.54008	0.00786203	0.512684	-1.95052	0.0154292	0.558636	-1.79008	0.382956	0.839228	-1.19157
cg07682037	FERMT3;FERMT3;FERMT3;FERMT3	0.031439	0.332729	0.782019	-1.27874	0.0260377	0.522067	-1.91546	0.0441009	0.566002	-1.76678	0.0612736	0.595178	-1.68017	0.937506	0.98089	-1.01948
cg24088438	FERMT3;FERMT3;FERMT3;FERMT3	0.0327719	0.19256	0.715398	-1.39782	?	?	?	0.00708796	0.4296	-2.32775	0.0647966	0.604323	-1.65474	0.0228069	0.516008	-1.93796
cg16289449	FERMT3;FERMT3;FERMT3;FERMT3	0.0349382	0.0569271	0.719238	-1.39036	0.0326644	0.682242	-1.46576	0.00782484	0.593244	-1.68565	0.202522	0.813989	-1.22852	0.0822434	0.744912	-1.34244
cg22196191	FES;FES;FES;FES	0.00528309	0.950806	0.993467	-1.00658	0.428916	0.917788	-1.08958	0.0534524	0.792125	-1.26243	0.842938	1.0213	1.0213	0.226756	1.14433	1.14433
cg26405020	FES;FES;FES;FES	0.0482709	0.343241	0.725189	-1.37895	0.0887894	1.85477	1.85477	0.854473	1.06228	1.06228	0.622778	0.849447	-1.17724	0.451376	0.77684	-1.28727
cg03352332	FETUB	0.00076096	0.810108	0.94533	-1.05783	0.134738	0.686188	-1.45733	0.262328	0.761125	-1.31385	0.586787	0.879707	-1.13674	9.94E-06	0.109039	-9.17106
cg17206748	FETUB	0.0107896	0.840092	0.946013	-1.05707	0.00766886	2.56348	2.56348	0.679829	1.12075	1.12075	0.119823	0.629014	-1.58979	0.000902184	0.255532	-3.91341
cg01157126	FEV	0.00276459	0.60569	1.15696	1.15696	0.00145856	0.276088	-3.62203	0.00744954	0.38105	-2.62433	0.53713	0.839488	-1.1912	0.317115	0.748608	-1.33581
cg18367751	FEV	0.0133795	0.317111	0.809561	-1.23524	0.139306	1.38407	1.38407	0.554299	1.12997	1.12997	0.00552835	0.474796	-2.10617	0.0231974	0.57442	-1.74089
cg18664514	FEV	0.0274605	0.657782	0.773697	-1.2925	0.384181	1.67116	1.67116	0.346768	0.572584	-1.74647	0.473454	1.52137	1.52137	0.0115337	0.162309	-6.16107
cg23012054	FEZ1	0.000573545	0.214831	0.79276	-1.26142	0.432046	1.15329	1.15329	0.210578	1.26445	1.26445	0.753033	1.05775	1.05775	2.98E-05	0.23371	-4.2788
cg19792194	FEZ1	0.00576172	0.133458	1.72266	1.72266	0.000642785	5.81209	5.81209	0.00811355	3.12323	3.12323	0.116427	1.77394	1.77394	0.553854	1.22288	1.22288
cg12906303	FEZ1	0.0177506	0.333819	0.832456	-1.20126	0.00410176	0.492442	-2.0307	0.0398464	0.645912	-1.5482	0.14671	1.33181	1.33181	0.805311	1.04648	1.04648
cg25121437	FEZ1	0.0281868	0.041463	3.85805	3.85805	0.278007	1.91125	1.91125	0.0683366	3.22806	3.22806	0.00734449	7.2734	7.2734	0.109676	2.72203	2.72203
cg18436735	FEZ1	0.0330168	0.249023	1.28347	1.28347	0.532799	0.877341	-1.13981	0.0731472	0.661035	-1.51278	0.226596	0.76876	-1.3008	0.288572	1.25634	1.25634
cg15184602	FEZ1;FEZ1	0.000567229	0.0949896	1.39195	1.39195	0.00438888	0.503756	-1.98509	0.505428	1.12953	1.12953	0.00903781	1.81872	1.81872	0.835126	1.03828	1.03828
cg13229245	FEZ1;FEZ1	0.0115137	0.260576	1.11905	1.11905	0.23943	1.12534	1.12534	0.0217759	1.30207	1.30207	0.116539	1.17759	1.17759	0.839695	1.0196	1.0196
cg08521065	FEZ1;FEZ1	0.0124316	0.0833333	0.634481	-1.57609	0.00793173	2.2434	2.2434	0.0151354	2.03054	2.03054	0.231808	1.34666	1.34666	0.00699398	0.436993	-2.28837
cg21565130	FEZ1;FEZ1	0.0242688	0.92303	1.04404	1.04404	0.588442	0.783765	-1.27589	0.668196	1.21204	1.21204	0.677804	0.829996	-1.20482	0.782967	0.884133	-1.13105
cg01109574	FEZ2;FEZ2	0.00239779	0.00698517	0.141526	-7.06586	0.107146	0.373213	-2.67943	0.898067	0.930694	-1.07447	0.327028	1.76305	1.76305	0.00127743	0.0718966	-13.9089
cg04352803	FEZ2;FEZ2	0.00315254	0.00209717	0.151068	-6.61951	0.781189	0.885493	-1.12931	0.595831	1.26338	1.26338	0.583979	1.27317	1.27317	0.0106245	0.245837	-4.06773
cg24860371	FEZ2;FEZ2	0.00493417	0.173126	0.842855	-1.18644	0.52444	1.07904	1.07904	0.0735116	0.790312	-1.26532	0.994663	1.00079	1.00079	0.00543788	0.649626	-1.53935
cg07416916	FEZ2;FEZ2	0.00785131	0.0333898	0.733626	-1.36309	0.0851044	0.788828	-1.2677	0.00327446	0.606893	-1.64774	0.00472346	1.59629	1.59629	0.0282478	0.724148	-1.38093
cg26643908	FEZ2;FEZ2	0.00863904	0.94392	0.989915	-1.01019	0.0313888	1.43871	1.43871	0.146039	1.25214	1.25214	0.0581519	0.734534	-1.36141	0.564345	0.919469	-1.08758
cg00711000	FEZ2;FEZ2	0.02202	0.187643	0.870402	-1.1489	0.00244714	0.657676	-1.5205	0.950837	1.00615	1.00615	0.734817	1.03437	1.03437	0.0303144	0.776386	-1.28802
cg15105969	FEZ2;FEZ2	0.0221462	0.0167992	1.96949	1.96949	0.109252	0.666548	-1.50027	0.0808409	0.637833	-1.56781	0.470149	1.18609	1.18609	0.00749358	0.449534	-2.22453
cg07673538	FEZ2;FEZ2	0.0308732	0.0912111	0.408089	-2.45045	0.463654	1.43244	1.43244	0.214847	1.87588	1.87588	0.355004	1.58158	1.58158	0.00282138	0.137805	-7.25665
cg19447973	FEZ2;FEZ2	0.043969	0.814677	0.968671	-1.03234	0.189165	1.20752	1.20752	0.6582	1.06221	1.06221	0.974221	0.995629	-1.00439	0.925086	0.987331	-1.01283
cg10485664	FEZF1;FEZF1	1.01E-06	0.331967	0.87997	-1.1364	0.058354	1.31426	1.31426	0.394768	1.11779	1.11779	0.729644	1.04532	1.04532	0.17819	0.832968	-1.20053
cg16197925	FEZF1;FEZF1	3.62E-06	0.214505	0.837492	-1.19404	0.737166	0.955318	-1.04677	0.0586285	0.748336	-1.3363	0.133087	1.24597	1.24597	0.513454	1.0941	1.0941
cg18633561	FEZF1;FEZF1	2.84E-05	0.00196832	0.428846	-2.33184	0.000624708	0.361182	-2.76868	0.00722544	0.511209	-1.95615	0.262057	0.797425	-1.25404	2.90E-05	4.89515	4.89515
cg20974724	FEZF1;FEZF1	4.27E-05	0.508454	1.14128	1.14128	0.0299519	0.604664	-1.65381	0.474834	1.15392	1.15392	0.00514606	2.07071	2.07071	0.378765	0.837036	-1.19469
cg24308389	FEZF1;FEZF1	4.78E-05	0.580042	0.915048	-1.09284	0.592592	1.08958	1.08958	0.00159813	2.05302	2.05302	0.0456676	1.43903	1.43903	0.324032	0.850622	-1.17561
cg14386728	FEZF1;FEZF1	6.10E-05	0.000656767	0.278456	-3.59123	0.0082374	0.43708	-2.28791	0.00916355	0.444654	-2.24894	0.000216186	0.22052	-4.53473	3.06E-06	0.0659748	-15.1573
cg09511119	FEZF1;FEZF1	0.000227882	5.40E-05	3.63117	3.63117	0.188762	1.2694	1.2694	0.297797	1.20311	1.20311	0.337097	1.18477	1.18477	0.675952	1.07467	1.07467
cg24934063	FEZF1;FEZF1	0.000359114	0.363826	1.10093	1.10093	0.00451346	0.677069	-1.47695	0.683451	0.958637	-1.04315	0.0261814	0.761997	-1.31234	0.00123109	0.614507	-1.62732
cg09592112	FEZF1;FEZF1	0.000402828	0.0254553	0.654737	-1.52733	0.0617356	0.714931	-1.39874	0.0613676	0.714508	-1.39957	0.112553	0.759187	-1.3172	0.049027	0.69879	-1.43104
cg16392213	FEZF1;FEZF1	0.000422803	0.754597	1.12219	1.12219	0.465324	0.760957	-1.31413	0.13175	0.54983	-1.81874	0.324262	0.687792	-1.45393	0.00428535	0.245465	-4.07389
cg20647467	FEZF1;FEZF1	0.000805823	0.736475	1.03265	1.03265	0.293195	1.1093	1.1093	0.459338	1.0743	1.0743	0.111574	1.17923	1.17923	0.4883	1.06927	1.06927
cg12060713	FEZF1;FEZF1	0.00657898	0.298493	1.19539	1.19539	0.593121	1.09343	1.09343	0.220069	0.807717	-1.23806	0.912232	1.01843	1.01843	0.0136752	0.603491	-1.65702
cg07798380	FEZF1;FEZF1	0.00685168	0.46659	0.876451	-1.14097	0.436351	0.868187	-1.15183	0.110697	0.733905	-1.36257	0.0343572	1.5517	1.5517	0.97486	0.994406	-1.00563
cg07604651	FEZF1;FEZF1	0.00691027	0.705437	0.830117	-1.20465	0.611198	0.777739	-1.28578	0.904368	1.0607	1.0607	0.127252	2.24478	2.24478	?	?	?
cg25124241	FEZF1;FEZF1	0.00702843	0.078553	0.479452	-2.08572	0.81003	0.913378	-1.09484	0.291055	1.51014	1.51014	0.0497758	0.430874	-2.32086	0.844843	1.0765	1.0765
cg02554495	FEZF1;FEZF1	0.010589	0.00865929	0.354399	-2.82168	0.00951699	0.361278	-2.76795	0.00922011	0.358959	-2.78583	0.0587067	1.93846	1.93846	0.167796	0.634009	-1.57727
cg17704189	FEZF1;FEZF1	0.0168934	0.0217746	6.25257	6.25257	0.727644	1.26204	1.26204	0.294237	2.06298	2.06298	0.0205601	6.40505	6.40505	0.293504	2.06542	2.06542
cg03981954	FEZF1;FEZF1	0.0182257	0.0660985	0.311604	-3.2092	0.141878	0.409335	-2.44299	0.496159	1.47819	1.47819	0.737266	1.20977	1.20977	0.0167964	0.191967	-5.20923
cg14627743	FEZF1;FEZF1	0.0400144	0.367235	1.33643	1.33643	0.105211	0.574497	-1.74065	0.0447329	0.486054	-2.05738	0.144695	0.612327	-1.63311	0.173067	1.57449	1.57449
cg05009601	FEZF1;FEZF1;FEZF1;FEZF1	0.0229058	0.20892	0.636009	-1.5723	0.750242	0.896631	-1.11529	0.438481	0.763386	-1.30995	0.565665	0.820044	-1.21945	0.531421	0.805262	-1.24183
cg10542584	FEZF2	1.94E-06	0.111442	0.773902	-1.29215	0.00316894	1.81474	1.81474	5.54E-06	4.55725	4.55725	0.219082	0.826073	-1.21055	0.00619783	0.590001	-1.69491
cg18525486	FEZF2	3.85E-05	0.378809	0.836139	-1.19597	0.000224556	3.37597	3.37597	0.339924	1.21524	1.21524	0.024794	1.69826	1.69826	0.00691215	1.99952	1.99952
cg20072171	FEZF2	5.23E-05	0.0034422	5.59552	5.59552	0.00286287	0.168905	-5.9205	0.558342	1.29246	1.29246	0.000159408	16.3974	16.3974	0.00135898	0.133242	-7.50513
cg15422685	FEZF2	0.000108046	0.000278011	3.35785	3.35785	0.00102815	2.69306	2.69306	0.665935	0.915342	-1.09249	0.298996	0.803146	-1.2451	0.0425627	1.60888	1.60888
cg03915638	FEZF2	0.00122678	0.00040776	0.324906	-3.07781	0.0285169	1.67757	1.67757	0.0995959	1.43519	1.43519	0.488548	1.15125	1.15125	0.950894	1.0124	1.0124
cg08681924	FEZF2	0.00212978	0.655349	0.891723	-1.12142	0.191419	0.702704	-1.42307	0.0856875	1.62343	1.62343	0.159934	0.681797	-1.46671	0.427645	1.22948	1.22948
cg14651453	FEZF2	0.00282108	0.0150683	0.818097	-1.22235	0.102276	0.886762	-1.1277	0.265519	1.0811	1.0811	0.0320239	1.18392	1.18392	0.385964	1.06155	1.06155
cg06423920	FEZF2	0.00282841	0.09388	1.2384	1.2384	0.000126374	2.16979	2.16979	0.306768	0.884428	-1.13067	0.329039	0.889649	-1.12404	0.990944	1.00132	1.00132
cg06819546	FEZF2	0.00322654	0.473815	0.786367	-1.27167	0.146898	0.598343	-1.67128	0.343698	1.3796	1.3796	0.0191059	2.54901	2.54901	0.421512	0.762698	-1.31113
cg06707343	FEZF2	0.00371946	0.128748	0.929816	-1.07548	0.780649	1.01245	1.01245	0.160345	0.935682	-1.06874	0.464042	0.967507	-1.03358	0.691787	0.982494	-1.01782
cg16817826	FEZF2	0.00502095	0.881145	0.93511	-1.06939	0.476241	1.38378	1.38378	0.862099	0.924999	-1.08108	0.864421	0.926228	-1.07965	0.0781304	0.415746	-2.40532
cg08252579	FEZF2	0.00731807	0.411112	1.37904	1.37904	0.719373	1.14794	1.14794	0.829035	0.920633	-1.08621	0.851835	0.930997	-1.07412	0.272054	1.54834	1.54834
cg11178293	FEZF2	0.0111431	0.821423	1.08007	1.08007	0.0206443	0.386877	-2.5848	0.301605	0.694452	-1.43999	0.0892617	0.528124	-1.8935	0.0202466	0.385261	-2.59564
cg18175809	FEZF2	0.0141422	0.882113	1.05709	1.05709	0.00870849	0.2863	-3.49284	0.0367602	0.403433	-2.47873	0.0671403	0.46408	-2.1548	0.00244684	0.206531	-4.84189
cg18104012	FEZF2	0.0162621	0.0769703	1.6208	1.6208	?	?	?	0.532391	0.856166	-1.168	0.0123235	2.1496	2.1496	0.827655	1.055	1.055
cg24705960	FEZF2	0.0171567	0.86459	1.04127	1.04127	0.869066	1.03986	1.03986	0.201001	0.72616	-1.37711	0.77649	1.06977	1.06977	0.647398	0.89663	-1.11529
cg27564792	FEZF2	0.019104	0.241955	0.844327	-1.18438	0.00114468	1.93605	1.93605	0.300998	1.1596	1.1596	0.0139873	1.52095	1.52095	0.369913	1.13567	1.13567
cg14261840	FEZF2	0.0226489	0.532326	0.818041	-1.22243	0.631296	1.16595	1.16595	0.819538	1.07526	1.07526	0.574655	1.19728	1.19728	0.605905	0.847675	-1.1797
cg19629292	FEZF2;FEZF2	0.00615659	0.508377	0.885833	-1.12888	0.0305281	1.58292	1.58292	0.0119254	1.76285	1.76285	0.0465857	1.50949	1.50949	0.855397	1.03351	1.03351
cg25971548	FFAR1	0.000188515	0.925233	0.983301	-1.01698	0.397472	0.856039	-1.16817	1.84E-05	0.208683	-4.79196	0.406985	0.85883	-1.16438	0.000622365	0.388893	-2.5714
cg11351527	FFAR1	0.00157378	0.00668777	0.473934	-2.11	0.00191525	0.393517	-2.54118	0.00172847	0.387234	-2.58242	0.00917357	0.495475	-2.01826	0.000213452	0.269111	-3.71594
cg03782727	FFAR1	0.00243905	0.0363153	0.631253	-1.58415	0.0418488	0.641861	-1.55797	0.00029357	0.327825	-3.0504	0.0320155	0.621957	-1.60783	0.241683	0.793221	-1.26068
cg24479552	FFAR1	0.00257335	0.076906	2.14536	2.14536	0.0553593	0.430535	-2.32269	0.0572014	0.433946	-2.30444	0.999532	0.999772	-1.00023	0.00153113	0.170406	-5.86835
cg00878516	FFAR1	0.006945	0.544133	0.794043	-1.25938	0.0408203	0.411937	-2.42755	0.00292948	0.21542	-4.64209	0.270482	0.649868	-1.53877	0.0100346	0.295001	-3.38982
cg10498798	FFAR1	0.0073356	0.0105816	0.530185	-1.88613	0.679341	0.92393	-1.08233	0.0578846	0.659876	-1.51544	0.270066	0.802704	-1.24579	0.00515249	0.479454	-2.08571
cg06090864	FFAR1;FFAR1	0.00063306	0.447918	0.895674	-1.11648	0.00503165	0.589461	-1.69647	0.000144285	0.393491	-2.54135	0.0723207	1.33069	1.33069	0.0248261	0.683499	-1.46306
cg15189233	FFAR2	0.00614146	0.0326833	0.802044	-1.24682	0.668991	1.03869	1.03869	0.0877666	0.846774	-1.18095	0.122489	0.862679	-1.15918	0.0561645	0.82622	-1.21033
cg03062717	FFAR2	0.00825521	0.0154539	0.192775	-5.18739	0.01333	0.182915	-5.46701	0.136741	0.411397	-2.43074	0.650492	0.776683	-1.28753	0.00783123	0.150919	-6.62609
cg15479752	FFAR2	0.0106224	0.498535	0.879838	-1.13657	0.0420833	0.646365	-1.54711	0.0287027	0.618294	-1.61735	0.132202	0.738799	-1.35355	0.00298304	0.468095	-2.13632
cg18755094	FFAR2	0.0294436	0.745763	0.875964	-1.1416	0.704077	0.856128	-1.16805	0.637812	1.21291	1.21291	0.342034	1.4896	1.4896	0.980109	1.0102	1.0102
cg03548857	FFAR2	0.038235	0.0114243	0.2054	-4.86855	0.00208024	0.114542	-8.73042	0.14394	0.456124	-2.19239	0.377563	0.6359	-1.57257	0.09147	0.394843	-2.53265
cg20199836	FFAR2	0.0496097	0.0355106	0.219103	-4.56406	0.042552	0.234932	-4.25655	0.373854	0.567676	-1.76157	0.637288	0.744844	-1.34256	0.0272596	0.19779	-5.05586
cg06721806	FFAR2;FFAR2	0.000424107	0.119718	0.719465	-1.38992	0.00442752	0.476773	-2.09743	0.000766754	0.370156	-2.70156	4.58E-05	0.222679	-4.49078	0.00273206	0.446307	-2.24061
cg02017155	FFAR3	0.000826692	0.000790132	0.250087	-3.99861	0.00169247	0.293538	-3.40671	0.0108784	0.417403	-2.39576	0.00861517	0.400354	-2.49779	0.00072107	0.245134	-4.07939
cg22193924	FFAR3	0.00180432	0.603276	0.942293	-1.06124	0.000970392	0.573156	-1.74472	6.15E-05	0.432592	-2.31165	0.972782	1.00388	1.00388	0.403432	0.907621	-1.10178
cg15391601	FFAR3	0.0112091	0.0151386	0.160411	-6.23397	0.174923	0.41283	-2.42231	0.135305	0.372633	-2.68361	0.188308	0.425363	-2.35094	0.0299315	0.208824	-4.78872
cg11443443	FGA	0.0156231	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08339159	FGA;FGA	0.0130935	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03918433	FGA;FGA	0.0403402	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03574364	FGA;FGA	0.0416334	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01155767	FGB	5.50E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09269811	FGB	0.0312001	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09459227	FGD1	5.56E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20372775	FGD1	0.00203408	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03928367	0.589812	0.943953	-1.05938	0.821071	1.0243	1.0243	0.00767508	1.4378	1.4378	0.483537	1.07838	1.07838	9.56351	1.70113	0.158113	1
cg22763739	0.00520209	2.74137	2.74137	0.000474719	4.48523	4.48523	0.0051672	2.7448	2.7448	0.000720812	4.08413	4.08413	8.44493	10.0026	1.05285	1
cg23242649	0.0192806	0.304496	-3.28412	0.000541447	0.104401	-9.57847	0.00638964	0.225199	-4.44052	0.0232153	0.319854	-3.12643	7.72932	21.6042	2.48453	1
cg13544006	0.282844	1.2373	1.2373	0.271491	0.803774	-1.24413	0.256384	0.79767	-1.25365	0.591785	0.901862	-1.10882	4.60795	2.65729	0.512599	1
cg22433521	0.186101	0.877782	-1.13924	0.00967244	1.35587	1.35587	0.258238	1.11594	1.11594	0.36019	0.91624	-1.09142	4.26187	0.583673	0.121735	1
cg20312557	0.466267	0.818155	-1.22226	0.19218	1.4531	1.4531	0.257028	0.725984	-1.37744	0.580814	0.859864	-1.16297	5.74884	6.67205	1.03164	1
cg02644729	0.000136939	0.281595	-3.5512	0.362907	1.19678	1.19678	0.841864	0.962353	-1.03912	0.0142727	0.559595	-1.78701	13.6037	7.95094	0.519526	1
cg25685934	0.179902	0.815278	-1.22658	0.00486143	1.70813	1.70813	0.966088	1.00611	1.00611	0.719084	0.949527	-1.05316	5.46729	1.78037	0.289458	1
cg06005368	0.043921	1.35733	1.35733	0.00166093	1.81067	1.81067	0.380885	0.888172	-1.12591	0.116692	0.798597	-1.2522	5.10983	1.40888	0.245084	1
cg12257439	0.557488	0.864947	-1.15614	0.522282	1.17187	1.17187	0.546626	1.16091	1.16091	0.00651081	0.421134	-2.37454	4.80665	4.55347	0.842068	1
cg00423969	0.11929	0.728463	-1.37275	0.0113476	1.81136	1.81136	0.932441	0.984235	-1.01602	0.227595	0.788696	-1.26792	4.03341	2.24368	0.494465	1
cg00723017	0.0879452	0.567498	-1.76212	0.00181924	0.263605	-3.79356	0.590744	0.849325	-1.17741	0.15739	0.634544	-1.57593	6.33149	9.075	1.27405	1
cg27470842	0.487786	1.12387	1.12387	0.00488446	1.85529	1.85529	0.0912303	0.734793	-1.36093	0.771915	0.952989	-1.04933	4.07847	1.77284	0.386386	1
cg03169856	0.383506	0.858429	-1.16492	0.0713892	1.41055	1.41055	0.346638	1.18005	1.18005	0.14285	1.30869	1.30869	3.66219	1.69255	0.410817	1
cg13075456	0.486168	1.11128	1.11128	0.0704172	1.35192	1.35192	0.121956	0.778828	-1.28398	0.0557994	0.723897	-1.38141	3.40386	1.1986	0.313004	1
cg18151987	0.105888	0.606421	-1.64902	0.00629664	0.365039	-2.73943	0.00147277	0.272591	-3.6685	0.102736	0.603148	-1.65797	7.89268	10.0253	1.12907	1
cg15833873	0.00482565	0.299089	-3.34349	0.0136617	0.373565	-2.67691	0.2007	0.646421	-1.54698	0.310298	0.71254	-1.40343	6.86702	11.3345	1.46718	1
cg05328547	0.690657	0.815752	-1.22586	0.0841593	0.378038	-2.64523	0.000329165	19.1589	19.1589	0.617797	1.29188	1.29188	10.5581	43.3387	3.64869	1
cg07270153	0.0414643	0.351794	-2.84257	0.00273949	6.27807	6.27807	0.000679247	10.0484	10.0484	0.773042	1.1371	1.1371	9.84777	30.7897	2.77917	1
cg23536473	0.460637	0.610698	-1.63747	0.0365398	0.202846	-4.92985	0.000366028	42.4248	42.4248	0.135006	2.88015	2.88015	9.2725	63.2997	6.0681	1
cg11241627	0.331982	0.564809	-1.77051	0.0397294	0.257373	-3.88541	0.00294289	10.2864	10.2864	0.746101	0.830744	-1.20374	5.77718	29.8086	4.58641	1
cg23054426	0.477934	0.662146	-1.51024	0.247226	0.500906	-1.99638	0.00267323	10.7252	10.7252	0.6866	1.26083	1.26083	3.67811	19.0205	4.59668	1
cg10043037	0.35304	0.389985	-2.5642	0.195376	0.259378	-3.85538	0.00365788	48.0865	48.0865	0.625621	1.6234	1.6234	3.4222	52.628	13.6697	1
cg02503874	0.484715	0.780159	-1.28179	0.218817	0.636239	-1.57174	2.94E-06	49.4188	49.4188	0.0304466	2.43345	2.43345	27.0939	52.4549	1.72093	1
cg07718903	0.130495	0.554605	-1.80309	0.000261189	8.73212	8.73212	0.00847795	0.297289	-3.36373	0.941704	0.973945	-1.02675	12.7744	26.3622	1.83438	1
cg15692360	0.560893	0.823166	-1.21482	0.00512252	3.40037	3.40037	0.0890654	0.537619	-1.86005	0.719672	0.887566	-1.12668	6.76851	11.7411	1.54192	1
cg00268644	0.0773696	0.733507	-1.36331	0.0596434	1.39865	1.39865	0.929063	1.01415	1.01415	0.00498657	0.556197	-1.79792	5.73688	2.26384	0.350766	1
cg26758396	0.95572	1.02162	1.02162	0.00663277	3.88669	3.88669	0.0216246	0.345549	-2.89395	0.603414	0.817156	-1.22376	5.60819	13.1845	2.08972	1
cg04242132	0.741634	0.918739	-1.08845	0.633382	0.884178	-1.13099	0.000320049	4.44622	4.44622	0.954757	1.01464	1.01464	4.94918	5.1438	0.923844	1
cg16886329	0.763566	0.900024	-1.11108	0.133637	1.75924	1.75924	0.218372	1.57154	1.57154	0.41789	0.748978	-1.33515	3.54256	6.84017	1.71631	1
cg09915883	0.01298	0.313109	-3.19378	0.759319	1.12271	1.12271	0.511091	1.28537	1.28537	0.0144244	0.321205	-3.11328	11.4461	25.7164	1.9971	1
cg12104022	0.00230849	0.623246	-1.6045	0.251153	1.14241	1.14241	0.0131991	1.40659	1.40659	0.000538099	0.549998	-1.81819	15.2283	2.97412	0.173602	1
cg00871698	0.32005	1.07903	1.07903	0.000109998	1.65529	1.65529	0.000222334	1.57635	1.57635	0.952793	0.995627	-1.00439	13.5909	1.17966	0.077154	1
cg00734436	0.766237	1.08231	1.08231	2.77E-05	0.111849	-8.94059	0.667581	1.12145	1.12145	0.100462	0.620411	-1.61184	10.7593	11.9928	0.990803	1
cg19909334	0.920567	0.986724	-1.01346	0.000990257	1.92659	1.92659	0.190905	1.2039	1.2039	0.482199	0.908727	-1.10044	7.34761	2.08937	0.252765	1
cg10334927	0.344611	0.861053	-1.16137	0.000240428	2.54446	2.54446	0.498298	0.899743	-1.11143	0.0770998	1.35265	1.35265	6.36093	2.37918	0.332472	1
cg18364576	0.488116	0.899298	-1.11198	0.00040229	2.33505	2.33505	0.367273	0.869736	-1.14977	0.713244	1.0572	1.0572	5.60813	2.01692	0.319681	1
cg18696900	0.489541	1.18321	1.18321	0.00121058	0.321225	-3.11309	0.0589426	0.599805	-1.66721	0.395563	0.811787	-1.23185	5.2987	4.81988	0.808564	1
cg08085909	0.00976351	0.438249	-2.28181	0.602682	0.87583	-1.14177	0.0224438	1.99446	1.99446	0.100788	0.635238	-1.57421	4.47957	4.5216	0.897229	1
cg01284467	0.160804	0.648654	-1.54165	0.041379	0.506715	-1.9735	0.626235	1.15238	1.15238	0.824623	0.93788	-1.06623	4.43359	5.86314	1.1755	1
cg22056218	0.0683696	0.601638	-1.66213	0.000184381	0.20736	-4.82252	0.354665	1.26757	1.26757	0.00414727	0.384066	-2.60372	17.4995	17.1838	0.872855	1
cg01447914	0.00224383	0.318434	-3.14037	0.000513679	0.234509	-4.26424	0.0246811	0.488965	-2.04514	0.0153584	0.45124	-2.21611	10.1693	11.5221	1.00714	1
cg20136100	0.0184616	0.313478	-3.19002	0.000344473	0.0965036	-10.3623	0.663301	1.19459	1.19459	0.0296431	0.353747	-2.82688	8.04731	20.9967	2.31926	1
cg06385449	0.327325	0.829099	-1.20613	0.152277	1.32873	1.32873	0.491058	1.13842	1.13842	0.00605622	0.514581	-1.94333	6.54958	3.56347	0.483623	1
cg01647936	0.0229128	0.379995	-2.63161	0.000886377	0.170203	-5.87533	0.712532	0.876717	-1.14062	0.0285075	0.398957	-2.50653	6.11091	12.2328	1.77938	1
cg02556655	0.028561	0.379557	-2.63465	0.00518257	0.250643	-3.98974	0.130318	0.541888	-1.8454	0.0662571	0.461862	-2.16515	5.43111	12.0946	1.97947	1
cg06243084	0.314608	0.678394	-1.47407	0.53313	1.26559	1.26559	0.439284	1.34223	1.34223	0.35875	0.703191	-1.42209	4.85423	10.7051	1.96012	1
cg12005186	0.139695	0.659433	-1.51645	0.208151	0.70633	-1.41577	0.173305	1.4617	1.4617	0.141847	0.661139	-1.51254	4.61538	5.01733	0.966303	1
cg14654385	0.0394241	1.5282	1.5282	0.00146204	2.26573	2.26573	0.208105	1.26646	1.26646	0.274991	0.81697	-1.22403	4.50123	2.25849	0.445999	1
cg09302355	0.936068	1.01584	1.01584	0.164009	1.33767	1.33767	0.599223	1.10947	1.10947	0.0275954	0.600299	-1.66584	3.88215	2.35964	0.540282	1
cg07682037	0.736453	1.08667	1.08667	0.0123811	2.15143	2.15143	0.72419	1.09109	1.09109	0.0445234	0.566827	-1.76421	4.01921	3.85429	0.852414	1
cg24088438	0.225104	0.733887	-1.36261	0.0434651	0.568994	-1.75749	0.185032	1.40685	1.40685	0.0849812	0.629686	-1.58809	4.02521	3.34176	0.830207	1
cg16289449	0.543856	0.910302	-1.09854	0.0406796	1.43546	1.43546	0.649812	1.07242	1.07242	0.382669	0.872019	-1.14676	3.86961	1.43401	0.329406	1
cg22196191	0.0554009	1.25945	1.25945	0.000414899	1.81314	1.81314	0.0125721	0.719132	-1.39057	0.16377	0.853964	-1.17101	7.21605	1.2898	0.15888	1
cg26405020	0.634763	1.17056	1.17056	0.295809	1.4287	1.4287	0.00360598	0.27342	-3.65737	0.0768832	1.91062	1.91062	3.43365	5.88949	1.52464	1
cg03352332	0.00134481	0.336907	-2.96818	0.141078	0.690951	-1.44728	0.759157	0.930699	-1.07446	0.0736631	0.627692	-1.59314	12.7096	10.9793	0.767875	1
cg17206748	0.773819	0.923898	-1.08237	0.0320198	0.50153	-1.9939	0.481117	0.821423	-1.2174	0.597137	0.863709	-1.1578	5.76828	6.89394	1.06235	1
cg01157126	0.00363758	0.33237	-3.0087	0.000216418	0.177637	-5.62945	0.913473	1.0309	1.0309	0.358112	0.767528	-1.30288	8.76792	10.885	1.10352	1
cg18367751	0.908179	0.976706	-1.02385	0.00654026	0.485913	-2.05798	0.554424	1.12993	1.12993	0.0431438	1.60848	1.60848	5.37929	3.55531	0.587489	1
cg18664514	0.67745	1.27218	1.27218	0.00378219	0.105548	-9.4744	0.0141833	0.17525	-5.70615	0.276086	0.520986	-1.91944	4.21655	22.1189	4.66287	1
cg23012054	0.694218	0.932139	-1.0728	0.00719547	1.85339	1.85339	0.00228071	2.13578	2.13578	0.092865	0.71975	-1.38937	13.7557	6.89149	0.445327	1
cg19792194	0.0466973	2.14949	2.14949	0.00406514	3.65441	3.65441	0.00187951	4.3977	4.3977	0.0614491	2.0298	2.0298	7.0264	12.5632	1.58933	1
cg12906303	0.50059	0.881818	-1.13402	0.0114929	1.78892	1.78892	0.492637	1.13677	1.13677	0.0985946	0.716628	-1.39542	4.89804	2.62515	0.476409	1
cg25121437	0.0103827	6.38125	6.38125	0.0764078	3.10153	3.10153	0.0149928	5.56888	5.56888	0.0131938	5.83737	5.83737	4.17798	21.8175	4.6418	1
cg18436735	0.086775	1.47966	1.47966	0.0127691	1.89799	1.89799	0.0152426	1.85383	1.85383	0.340176	0.815777	-1.22583	3.94933	2.68366	0.60402	1
cg15184602	0.169266	1.30207	1.30207	1.99E-05	0.210781	-4.74426	0.477165	0.877848	-1.13915	0.853395	1.0339	1.0339	13.7982	7.09988	0.45738	1
cg13229245	0.225563	1.12975	1.12975	0.00249993	0.668567	-1.49574	0.0253555	1.29019	1.29019	0.0170322	1.32162	1.32162	5.64869	0.822011	0.129353	1
cg08521065	0.333769	0.789305	-1.26694	0.29278	1.29567	1.29567	0.346911	0.794638	-1.25843	0.356237	0.798352	-1.25258	5.50988	4.91518	0.792949	1
cg21565130	0.949149	0.971956	-1.02885	0.000300335	0.0726274	-13.7689	0.927357	0.960147	-1.04151	0.203191	0.549322	-1.82043	4.40238	13.8685	2.8002	1
cg01109574	0.223764	0.488562	-2.04682	0.000268934	0.0350922	-28.4964	0.00407451	0.115255	-8.67644	0.0161435	0.192152	-5.20422	9.14358	45.4809	4.4214	1
cg04352803	0.48464	0.733329	-1.36365	0.000481277	0.0914691	-10.9327	0.00204799	0.149928	-6.66985	0.0246604	0.310843	-3.21705	8.43289	25.4746	2.6852	1
cg24860371	0.0308179	1.34863	1.34863	0.000623418	0.537571	-1.86022	0.449126	1.09523	1.09523	0.0163571	0.707413	-1.4136	7.36834	1.62321	0.195819	1
cg07416916	0.671652	0.948262	-1.05456	0.712804	1.04714	1.04714	0.148213	1.21319	1.21319	0.181139	0.837867	-1.19351	6.38169	1.56912	0.218558	1
cg26643908	0.87458	0.977498	-1.02302	0.000414589	0.446123	-2.24154	0.150086	1.24895	1.24895	0.884389	1.02119	1.02119	6.19217	2.03594	0.29226	1
cg00711000	0.134299	1.1741	1.1741	0.0166823	0.747896	-1.33708	0.0696377	0.817343	-1.22348	0.922869	0.99042	-1.00967	4.55252	0.71242	0.139102	1
cg15105969	0.0600133	1.63692	1.63692	0.400467	1.22129	1.22129	0.534533	1.15732	1.15732	0.268589	1.30689	1.30689	4.5436	3.88246	0.759547	1
cg07673538	0.289541	0.588809	-1.69834	0.0411934	0.321484	-3.11058	0.0597822	0.359383	-2.78254	0.317884	0.608103	-1.64446	4.04533	14.8721	3.26787	1
cg19447973	0.00528845	0.607514	-1.64605	0.0678832	0.757885	-1.31946	0.0249436	1.4358	1.4358	0.722427	1.04954	1.04954	3.5562	1.03504	0.258712	1
cg10485664	0.000572181	0.505954	-1.97647	0.00254775	0.585756	-1.7072	1.23E-08	17.86	17.86	0.0122068	1.49023	1.49023	73.2144	18.9247	0.229763	1
cg16197925	0.163837	1.2234	1.2234	0.0574587	0.747065	-1.33857	3.07E-08	15.2869	15.2869	0.55055	1.08542	1.08542	52.7409	15.3841	0.259281	1
cg18633561	0.0203082	0.581856	-1.71864	0.0216881	0.586546	-1.7049	9.00E-06	6.43209	6.43209	0.975907	0.994172	-1.00586	30.9074	18.3402	0.52746	1
cg20974724	0.0641869	0.663836	-1.5064	0.456035	0.861095	-1.16131	5.59E-07	15.3265	15.3265	0.0624438	1.51149	1.51149	27.7521	17.0568	0.546323	1
cg24308389	0.0246565	1.52959	1.52959	0.0104457	0.599252	-1.66875	7.50E-07	8.31953	8.31953	0.0240505	1.53339	1.53339	26.936	10.764	0.355214	1
cg14386728	0.0866998	0.629153	-1.58944	0.000121505	0.19328	-5.17383	0.0413871	1.77912	1.77912	0.0127966	0.46894	-2.13247	25.26	23.9941	0.844341	1
cg09511119	0.147121	1.30544	1.30544	0.569299	0.906164	-1.10355	1.02E-05	5.05794	5.05794	0.00163922	2.16527	2.16527	17.7315	8.24225	0.413187	1
cg24934063	0.763365	0.969367	-1.0316	0.0172908	1.34821	1.34821	3.29E-05	2.29558	2.29558	0.328579	1.10949	1.10949	15.6582	2.633	0.14947	1
cg09592112	0.110064	0.757471	-1.32018	0.00230301	0.506958	-1.97255	2.53E-05	3.7941	3.7941	0.114672	1.31471	1.31471	15.1707	6.11137	0.35808	1
cg16392213	0.00201048	0.201413	-4.96493	0.0116531	0.313774	-3.187	3.18E-05	19.6519	19.6519	0.204561	1.63589	1.63589	14.9694	32.0455	1.90287	1
cg20647467	0.803417	0.976552	-1.02401	0.0133039	0.746934	-1.33881	2.83E-05	2.18816	2.18816	0.000962536	1.59625	1.59625	12.5065	1.7925	0.1274	1
cg12060713	0.441826	1.13869	1.13869	0.0662384	0.710916	-1.40664	0.000315004	2.62973	2.62973	0.594005	1.09319	1.09319	6.74404	2.92944	0.386111	1
cg07798380	0.40435	1.16402	1.16402	0.666672	0.925766	-1.08019	0.000259882	2.9136	2.9136	0.0245698	1.61067	1.61067	6.65941	3.34183	0.446062	1
cg07604651	0.000927332	0.0885097	-11.2982	0.861274	1.08955	1.08955	0.0025402	7.79704	7.79704	0.392819	1.53603	1.53603	6.78	22.9453	3.38426	1
cg25124241	0.0156487	0.327975	-3.04901	0.000649634	0.139818	-7.15216	0.0187757	2.91899	2.91899	0.922892	0.964232	-1.0371	6.60676	14.8109	1.99269	1
cg02554495	0.459762	0.791913	-1.26277	0.0129419	0.384337	-2.60189	0.174598	1.56455	1.56455	0.215553	0.667618	-1.49786	5.80318	8.83078	1.35263	1
cg17704189	0.183693	0.39107	-2.55708	0.00830829	9.44777	9.44777	0.00212598	17.7081	17.7081	0.644442	1.36252	1.36252	4.97994	34.9464	6.23771	1
cg03981954	0.992774	0.994891	-1.00514	0.00506487	0.122949	-8.13348	0.012865	5.73731	5.73731	0.562016	0.717778	-1.39319	4.85473	24.5962	4.5035	1
cg14627743	0.0516003	0.499739	-2.00105	0.0494073	0.495537	-2.01801	0.338048	1.36236	1.36236	0.0613719	1.93466	1.93466	3.68265	5.71763	1.38008	1
cg05009601	0.155388	0.594866	-1.68105	0.2219	0.644923	-1.55057	0.000697972	5.85205	5.85205	0.597231	1.19983	1.19983	4.4912	8.30292	1.6433	1
cg10542584	0.0434225	0.709381	-1.40968	0.000249444	0.409205	-2.44376	9.05E-08	13.3107	13.3107	0.13507	1.2689	1.2689	61.9166	21.4311	0.307669	1
cg18525486	0.0426827	0.629729	-1.58798	0.00131246	0.395755	-2.52681	1.58E-06	11.0043	11.0043	0.553104	0.887879	-1.12628	28.5303	17.7506	0.553036	1
cg20072171	0.25311	1.67755	1.67755	0.0481838	0.375807	-2.66094	1.18E-05	55.5811	55.5811	0.00481535	0.197673	-5.05886	26.307	78.2681	2.64461	1
cg15422685	0.00189724	2.45048	2.45048	0.000456875	0.324926	-3.07763	2.83E-05	5.3492	5.3492	0.0263021	1.71023	1.71023	21.6867	14.2448	0.583863	1
cg03915638	0.0796062	1.47618	1.47618	0.00370651	0.456151	-2.19226	0.00116124	2.59851	2.59851	0.283835	1.24967	1.24967	11.1016	7.04539	0.564115	1
cg08681924	0.0325202	1.89337	1.89337	0.816383	0.942393	-1.06113	9.88E-05	5.83162	5.83162	0.00217892	2.99465	2.99465	9.46665	9.75624	0.91608	1
cg14651453	0.237795	0.920248	-1.08666	0.00806581	0.79607	-1.25617	0.231775	1.08795	1.08795	0.000415658	1.45697	1.45697	8.7156	0.623512	0.0635909	1
cg06423920	0.0543964	0.77619	-1.28834	0.03626	0.753819	-1.32658	0.392209	1.1071	1.1071	0.0325597	1.33694	1.33694	8.7089	1.85834	0.189674	1
cg06819546	0.0082828	0.328336	-3.04566	0.0891744	0.538808	-1.85595	0.000366934	6.57008	6.57008	0.0673127	1.96677	1.96677	8.37482	14.436	1.53222	1
cg06707343	0.532442	0.972362	-1.02842	0.421137	0.964229	-1.0371	0.000163512	1.32976	1.32976	0.00465621	1.18153	1.18153	8.02616	0.249742	0.0276586	1
cg16817826	0.519107	0.745962	-1.34055	0.013787	0.255356	-3.9161	0.000163416	17.8768	17.8768	0.58755	0.782258	-1.27835	7.32923	23.341	2.83079	1
cg08252579	0.815814	0.914641	-1.09333	0.935451	0.969501	-1.03146	7.54E-05	15.5896	15.5896	0.285351	1.52856	1.52856	6.52396	15.1085	2.05853	1
cg11178293	0.012977	0.34978	-2.85894	0.0103719	0.332902	-3.00388	0.00978472	3.04307	3.04307	0.738711	0.89221	-1.12081	5.70869	10.495	1.63415	1
cg18175809	0.106241	0.516837	-1.93484	0.00760612	0.276875	-3.61174	0.28397	1.51659	1.51659	0.334272	0.688947	-1.45149	5.28231	11.7113	1.97074	1
cg18104012	0.0912958	1.57879	1.57879	0.827379	1.05509	1.05509	0.0283599	1.88793	1.88793	0.0012689	3.17323	3.17323	5.13828	4.36179	0.848881	1
cg24705960	0.91558	1.02544	1.02544	0.0569756	0.600284	-1.66588	0.00247282	2.7103	2.7103	0.00442377	2.45966	2.45966	4.95425	4.40493	0.790331	1
cg27564792	0.920992	1.0138	1.0138	0.0845865	0.768306	-1.30157	0.741046	1.04689	1.04689	0.650248	1.0651	1.0651	4.77824	1.44468	0.268753	1
cg14261840	0.315308	0.719143	-1.39054	0.00458235	3.31511	3.31511	0.00196252	4.01326	4.01326	0.109985	1.73879	1.73879	4.50868	7.19994	1.41947	1
cg19629292	0.254763	1.23967	1.23967	0.0729548	0.696716	-1.43531	0.000333829	2.84554	2.84554	0.948448	0.988385	-1.01175	6.88415	3.55935	0.459587	1
cg25971548	0.023089	0.614207	-1.62811	0.000316373	0.35107	-2.84843	8.77E-05	0.283233	-3.53066	0.00429602	0.504028	-1.98402	18.668	9.51657	0.453139	1
cg11351527	0.0701721	0.650735	-1.53672	0.00131642	0.370779	-2.69703	0.0639667	0.64282	-1.55565	0.931036	0.981797	-1.01854	10.3356	7.37395	0.63418	1
cg03782727	0.0417339	0.641654	-1.55847	0.000237464	0.31636	-3.16096	0.00515301	0.497436	-2.01031	0.379596	0.843341	-1.18576	9.09786	5.14866	0.503041	1
cg24479552	0.00848008	0.271471	-3.68363	0.000213368	0.0907272	-11.0221	0.851219	1.07558	1.07558	0.207034	0.596706	-1.67587	8.95544	21.3551	2.11964	1
cg00878516	0.0888981	0.494186	-2.02353	0.000281285	0.107488	-9.30333	0.104594	0.513574	-1.94714	0.341393	0.691936	-1.44522	6.6314	14.8194	1.98642	1
cg10498798	0.283182	0.807904	-1.23777	0.000236133	0.283068	-3.53272	0.0374839	0.624985	-1.60004	0.207479	0.775021	-1.29029	7.47799	4.19346	0.436157	1
cg06090864	0.0584573	1.35604	1.35604	0.000146922	0.394451	-2.53517	0.035975	0.706431	-1.41557	0.699443	0.946235	-1.05682	13.382	4.30094	0.285686	1
cg15189233	0.405521	1.078	1.078	0.000815005	1.56122	1.56122	0.652221	0.96075	-1.04085	0.0107596	0.753652	-1.32687	6.88938	0.849964	0.109665	1
cg03062717	0.110121	0.381049	-2.62433	0.000575228	0.052211	-19.153	0.0070164	0.144932	-6.89977	0.10609	0.376093	-2.65892	6.2817	30.5422	4.32186	1
cg15479752	0.323043	1.20948	1.20948	0.00885749	1.86036	1.86036	0.915219	1.02004	1.02004	0.204385	1.28344	1.28344	5.79731	3.18757	0.488743	1
cg18755094	0.368081	0.686371	-1.45694	0.000545538	0.112268	-8.90727	0.337302	1.49582	1.49582	0.377538	0.691718	-1.44568	4.11406	10.7966	2.33272	1
cg03548857	0.810661	0.886915	-1.1275	0.619852	0.778772	-1.28407	0.966523	1.02121	1.02121	0.0574134	0.341427	-2.92888	3.74468	14.8274	3.51965	1
cg20199836	0.468884	0.633127	-1.57946	0.00390954	0.0898916	-11.1245	0.0425703	0.234971	-4.25584	0.301132	0.514516	-1.94358	3.39823	20.7063	5.41624	1
cg06721806	0.014829	0.557325	-1.79428	9.08E-05	0.255533	-3.91339	0.0285686	0.604217	-1.65503	0.454103	0.861813	-1.16035	14.9567	9.00998	0.53547	1
cg02017155	0.0066937	0.382439	-2.6148	0.000125973	0.161302	-6.19954	0.0233311	0.476823	-2.09721	0.00211878	0.307117	-3.25608	12.4168	14.6845	1.05123	1
cg22193924	0.321802	1.12304	1.12304	0.0176125	0.720801	-1.38735	0.0883043	0.807994	-1.23763	0.0863354	0.806699	-1.23962	9.93487	2.02223	0.180932	1
cg15391601	0.0802718	0.304267	-3.28659	0.00213602	0.0709691	-14.0906	0.0129536	0.150869	-6.62826	0.00143607	0.0592451	-16.879	5.69781	33.9325	5.29365	1
cg11443443	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08339159	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03918433	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03574364	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01155767	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09269811	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09459227	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20372775	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00822942	FGD1	0.00767363	0.0422019	0.372022	-2.68801	0.0318388	0.345462	-2.89468	0.393302	0.691111	-1.44695	0.108329	2.09618	2.09618	0.025258	0.324965	-3.07725	0.0636616	0.414409	-2.41307	0.00106161	0.129407	-7.72757	0.003425	0.186361	-5.36592	0.868625	0.932448	-1.07245	6.42772	18.1721	2.51302	1
cg23662469	FGD1	0.0119385	0.031684	2.22913	2.22913	0.328242	0.725302	-1.37874	0.348746	0.735639	-1.35936	0.179624	0.635328	-1.57399	0.0031481	0.2768	-3.61272	0.479794	1.25687	1.25687	0.00363166	0.285789	-3.49909	0.688311	1.13694	1.13694	0.045005	0.480881	-2.07951	5.58279	8.95603	1.42597	1
cg19230952	FGD1	0.0455192	0.207415	0.628677	-1.59064	0.0909931	0.522047	-1.91553	0.175914	0.605069	-1.6527	0.887166	0.951641	-1.05082	0.0473716	0.452926	-2.20787	0.159756	0.591868	-1.68957	0.0850751	0.514411	-1.94397	0.0216948	0.382051	-2.61745	0.0261454	2.51249	2.51249	3.5104	6.77668	1.71596	1
cg07541160	FGD2	0.00939251	0.257163	1.31852	1.31852	0.00295198	2.59685	2.59685	0.027731	1.83744	1.83744	0.0158519	1.99553	1.99553	0.235338	0.74766	-1.33751	0.00434106	2.43807	2.43807	0.848422	0.956246	-1.04576	0.0223349	1.89671	1.89671	0.0171479	1.97231	1.97231	6.03	5.22106	0.769642	1
cg04499011	FGD2	0.0421692	0.0422505	0.474919	-2.10562	0.196158	0.647265	-1.54496	0.0632864	0.514412	-1.94397	0.153869	0.615152	-1.62561	0.00187116	0.245629	-4.07118	0.0662956	0.519167	-1.92616	0.0473374	0.485711	-2.05884	0.127895	0.592236	-1.68852	0.129783	0.594009	-1.68348	3.61193	5.79422	1.42594	1
cg17244340	FGD2;FGD2	0.0149526	0.075321	0.571697	-1.74918	0.00673054	0.370759	-2.69717	0.00769409	0.380209	-2.63014	0.0426287	0.517322	-1.93303	0.00184647	0.286964	-3.48476	0.108287	0.609744	-1.64003	0.0388868	0.50905	-1.96444	0.97476	1.00897	1.00897	0.0693407	0.563428	-1.77485	5.18613	6.54916	1.12251	1
cg14580443	FGD3	0.0294526	0.397505	0.771662	-1.2959	0.0112499	0.386696	-2.58601	0.00512288	0.330726	-3.02365	0.612405	1.16517	1.16517	0.685813	0.885427	-1.1294	0.308619	1.37065	1.37065	0.0652191	1.85767	1.85767	0.963032	0.986228	-1.01396	0.101801	0.585148	-1.70897	4.11362	5.83238	1.26029	1
cg13767778	FGD3;FGD3	0.0016049	0.0150252	0.603448	-1.65714	0.215952	1.24613	1.24613	0.0156406	0.606069	-1.64998	0.168618	0.780458	-1.2813	8.50E-05	0.30321	-3.29804	0.00281216	0.498825	-2.00471	0.068822	1.41074	1.41074	0.189142	0.790524	-1.26498	0.461032	0.8809	-1.1352	10.2773	4.64761	0.401972	1
cg16820973	FGD4	0.00277514	0.0204815	0.447262	-2.23583	0.563918	0.845272	-1.18305	0.0795464	0.570777	-1.752	0.0176367	0.435223	-2.29767	0.000176521	0.160051	-6.248	0.12027	0.61532	-1.62517	0.000527075	0.210926	-4.74099	0.4481	0.800297	-1.24954	0.0130337	0.411637	-2.42933	8.75804	11.517	1.16891	1
cg17414372	FGD4	0.00519669	0.26167	0.805898	-1.24085	0.000103604	0.281989	-3.54623	0.0540456	0.668206	-1.49654	0.780851	1.05276	1.05276	0.128326	0.738552	-1.354	0.750953	0.942986	-1.06046	0.0666547	1.461	1.461	0.752208	1.06013	1.06013	0.474301	0.874455	-1.14357	7.25256	3.90427	0.478515	1
cg16754929	FGD4	0.00666674	0.482225	1.11302	1.11302	0.000839405	0.470868	-2.12374	0.0370008	0.695499	-1.43782	0.670087	0.937771	-1.06636	0.00177202	0.51305	-1.94913	0.909593	1.01718	1.01718	0.705617	1.05855	1.05855	0.711762	1.05722	1.05722	0.0116844	0.623507	-1.60383	6.71634	2.39087	0.316426	1
cg10229748	FGD4	0.00711752	0.0070218	0.6377	-1.56813	0.341077	0.881061	-1.135	0.334345	0.879399	-1.13714	0.0176768	0.689041	-1.45129	0.000637886	0.508196	-1.96774	0.161284	0.824401	-1.213	0.70587	1.05016	1.05016	0.118689	1.24435	1.24435	0.0140125	0.675981	-1.47933	6.58085	1.73642	0.234542	1
cg22502382	FGD4	0.0149544	0.383496	1.28244	1.28244	0.0194633	2.19524	2.19524	0.169781	0.665578	-1.50245	0.00955032	0.401036	-2.49354	0.0245012	0.474299	-2.10838	0.136379	1.56319	1.56319	0.129224	1.57832	1.57832	0.0763772	1.73119	1.73119	0.191964	1.46888	1.46888	5.18592	6.36483	1.09096	1
cg22995904	FGD5	0.000757445	0.00286866	0.363819	-2.74862	0.0900395	0.630927	-1.58497	0.466196	0.832942	-1.20056	0.728794	0.917776	-1.08959	0.000374688	0.246059	-4.06407	0.00101158	0.300516	-3.32761	9.15E-05	0.178583	-5.59964	0.381367	0.80146	-1.24772	0.00172083	0.331982	-3.01221	12.7262	12.2472	0.85543	1
cg15975427	FGD5	0.00208094	0.0070548	0.574313	-1.74121	0.300019	1.18654	1.18654	0.000853807	0.450266	-2.22091	0.000444171	0.413595	-2.41783	0.00254994	0.513431	-1.94768	0.363004	0.861666	-1.16054	0.00703008	0.574099	-1.74186	0.020772	0.641931	-1.5578	0.166516	0.790633	-1.26481	9.53099	3.82837	0.357045	1
cg03193589	FGD5	0.0031604	0.0890355	0.587937	-1.70086	0.181735	1.494	1.494	0.431745	1.25514	1.25514	0.0194481	2.22569	2.22569	0.636231	0.873777	-1.14446	0.357463	1.30737	1.30737	0.010195	0.399532	-2.50293	0.000200091	5.8601	5.8601	0.309053	0.742197	-1.34735	8.42664	10.7041	1.12913	1
cg16373643	FGD5	0.00331377	0.949931	1.01372	1.01372	0.0274643	1.76087	1.76087	0.803591	1.05555	1.05555	0.166897	1.37673	1.37673	0.00440215	2.28151	2.28151	0.0640349	1.57074	1.57074	0.000276262	0.274823	-3.63871	0.453025	0.847177	-1.18039	0.892795	0.97117	-1.02969	8.30846	6.19357	0.662625	1
cg08991437	FGD5	0.00708609	0.0042951	0.456595	-2.19012	0.421377	1.18366	1.18366	0.532099	0.878169	-1.13873	0.0478604	1.59105	1.59105	0.00309858	0.435704	-2.29514	0.134519	1.3927	1.3927	0.00804415	0.49809	-2.00767	0.360928	1.21264	1.21264	0.860439	1.03679	1.03679	6.58994	4.39825	0.593261	1
cg13691697	FGD5	0.00857181	0.0745743	0.742401	-1.34698	0.00241757	1.88413	1.88413	0.643506	1.07239	1.07239	0.669186	1.06657	1.06657	0.00244528	0.531404	-1.88181	0.0567818	0.723749	-1.3817	0.848571	1.02908	1.02908	0.116062	0.774052	-1.2919	0.215028	0.822252	-1.21617	6.20749	2.21068	0.316561	1
cg09718347	FGD5	0.0240211	0.354511	0.755251	-1.32406	0.896895	0.962514	-1.03895	0.10194	0.590038	-1.69481	0.344708	1.33218	1.33218	0.00329772	0.30737	-3.25341	0.00506029	0.335452	-2.98105	0.201383	1.48827	1.48827	0.538845	1.20126	1.20126	0.695598	0.890582	-1.12286	4.41805	6.07681	1.22262	1
cg01279662	FGD5	0.031005	0.160059	0.745919	-1.34063	0.206592	1.29713	1.29713	0.00233193	0.436008	-2.29354	0.962602	0.990885	-1.0092	0.240783	1.27104	1.27104	0.33858	0.824771	-1.21246	0.0616731	1.50838	1.50838	0.161261	0.746631	-1.33935	0.756495	1.06263	1.06263	4.0392	2.43989	0.536937	1
cg07624815	FGD5	0.0317438	0.0166943	0.571513	-1.74974	0.088604	0.697901	-1.43287	0.0162756	0.569745	-1.75517	0.783397	0.948606	-1.05418	0.00347337	0.4679	-2.13721	0.581036	1.11263	1.11263	0.518198	0.882123	-1.13363	0.511556	1.13596	1.13596	0.198239	0.770777	-1.29739	4.00538	2.32567	0.516122	1
cg26792576	FGD5	0.0349199	0.0349423	2.30154	2.30154	0.0299287	2.37816	2.37816	0.761768	0.902014	-1.10863	0.0546314	2.09468	2.09468	0.111638	0.555625	-1.79978	0.0483467	2.1493	2.1493	0.831992	1.07471	1.07471	0.0235194	2.50307	2.50307	0.0416648	2.2177	2.2177	3.87034	7.05132	1.61946	1
cg05173159	FGD6	0.00986983	0.269056	0.803199	-1.24502	0.503253	1.13807	1.13807	0.210439	0.777822	-1.28564	0.0322507	0.62037	-1.61194	0.00403563	0.479361	-2.08611	0.00068505	0.372528	-2.68437	0.0838381	0.694716	-1.43944	0.295589	1.22937	1.22937	0.926306	0.982541	-1.01777	5.93543	3.40758	0.510319	1
cg01493728	FGD6	0.0106081	0.00841134	0.151436	-6.60346	0.00283451	0.0997401	-10.0261	0.0306159	0.240612	-4.15606	0.0159367	0.191033	-5.23468	0.00298994	0.101886	-9.81489	0.229829	0.493315	-2.0271	0.0095464	0.158669	-6.30244	0.096707	0.35964	-2.78056	0.0497587	0.285025	-3.50846	5.79982	28.8916	4.42797	1
cg21182715	FGD6	0.0379674	0.0204394	0.36083	-2.77139	0.0607111	2.16309	2.16309	0.529423	0.792574	-1.26171	0.0556571	0.453278	-2.20615	0.783823	1.10555	1.10555	0.391624	0.725961	-1.37749	0.950784	1.02278	1.02278	0.876253	1.05851	1.05851	0.00533929	0.262085	-3.81555	3.75431	7.91648	1.87434	1
cg19596177	FGD6;VEZT	0.000182978	0.0426639	1.39568	1.39568	0.859003	0.974917	-1.02573	0.165087	1.23559	1.23559	0.183065	1.22363	1.22363	0.417042	1.12579	1.12579	0.0677181	1.33959	1.33959	3.13E-06	0.205807	-4.85893	0.853322	1.02679	1.02679	0.0332543	1.42692	1.42692	18.8192	6.08305	0.287321	1
cg08527566	FGD6;VEZT	0.0018085	0.0763357	1.21447	1.21447	0.000559382	1.69447	1.69447	0.185695	1.1483	1.1483	0.332429	1.10355	1.10355	0.444451	1.07985	1.07985	0.297582	1.11228	1.11228	0.000330385	0.564823	-1.77047	0.0853216	1.20617	1.20617	0.0259504	1.29758	1.29758	9.92821	1.52695	0.13671	1
cg04500099	FGD6;VEZT	0.0232823	0.496854	1.08015	1.08015	0.663303	0.952222	-1.05018	0.884878	0.983939	-1.01632	0.56106	0.936424	-1.06789	0.265897	1.13834	1.13834	0.135309	0.835341	-1.19712	0.00215928	0.617991	-1.61815	0.106314	1.21787	1.21787	0.0230262	1.35503	1.35503	4.46603	0.883483	0.175843	1
cg21155778	FGD6;VEZT	0.0281926	0.0571134	1.34779	1.34779	0.337039	0.871752	-1.14712	0.442111	0.897019	-1.1148	0.41173	1.12343	1.12343	0.454353	1.11146	1.11146	0.049447	0.7328	-1.36463	0.00193096	0.544178	-1.83763	0.396991	1.1278	1.1278	0.939405	1.0106	1.0106	4.17768	1.27222	0.270691	1
cg04239786	FGF10	2.62E-05	8.36E-06	0.143598	-6.96389	0.944076	0.986079	-1.01412	5.88E-06	0.130777	-7.64659	0.00029019	0.30696	-3.25775	0.000792499	0.363112	-2.75397	0.0444049	0.630425	-1.58623	0.0233036	0.581733	-1.719	0.000489481	0.335697	-2.97887	1.55E-05	0.167759	-5.96094	31.5445	19.9501	0.562172	1
cg16384588	FGF10	3.33E-05	3.85E-07	9.81644	9.81644	0.0373904	0.684249	-1.46146	0.126595	0.77138	-1.29638	0.505435	1.11198	1.11198	0.831353	1.03407	1.03407	0.0391853	0.68739	-1.45478	0.744886	0.950007	-1.05262	0.0344226	1.47332	1.47332	0.226545	1.22073	1.22073	29.6331	11.5796	0.347349	1
cg00272200	FGF10	4.93E-05	6.28E-07	4.56827	4.56827	0.378939	0.90441	-1.10569	0.0147698	0.716102	-1.39645	0.0596187	1.26695	1.26695	0.529038	0.931478	-1.07356	0.560878	1.06764	1.06764	0.0295874	0.751935	-1.3299	0.219296	1.15464	1.15464	0.274582	1.13489	1.13489	26.7162	5.24218	0.174415	1
cg16204420	FGF10	6.77E-05	4.85E-05	0.0955679	-10.4638	0.00903397	0.360717	-2.77226	2.04E-05	0.0709898	-14.0865	0.00633051	0.33547	-2.98089	0.0185587	0.415989	-2.40391	0.000232398	0.153114	-6.53109	1.37E-05	0.0612176	-16.3352	0.00390444	0.303114	-3.29909	0.000538312	0.19128	-5.22794	24.5709	36.736	1.32898	1
cg02443428	FGF10	7.88E-05	0.0373489	1.52645	1.52645	0.00218526	2.12177	2.12177	0.650404	1.08314	1.08314	0.963551	0.992033	-1.00803	0.823917	0.961743	-1.03978	0.157162	1.30319	1.30319	0.0174957	0.602762	-1.65903	1.03E-06	9.40847	9.40847	0.421526	1.15457	1.15457	23.5928	11.4484	0.431331	1
cg25103492	FGF10	0.000100578	1.01E-06	15.8424	15.8424	0.32334	1.24559	1.24559	0.19886	0.746551	-1.33949	0.0418037	0.603433	-1.65718	0.784903	1.06067	1.06067	0.947823	1.01419	1.01419	0.414089	1.19691	1.19691	0.0519454	1.60975	1.60975	0.78742	1.05992	1.05992	22.1064	16.2276	0.652506	1
cg20387341	FGF10	0.000716734	2.95E-05	3.44179	3.44179	0.29423	1.17848	1.17848	0.552859	1.09487	1.09487	0.953901	1.00877	1.00877	0.122251	1.28767	1.28767	0.743552	1.05081	1.05081	0.00252111	0.530919	-1.88353	0.00840632	1.6622	1.6622	0.0148258	1.57228	1.57228	12.9251	4.66485	0.320814	1
cg22574802	FGF10	0.00289055	0.00392745	5.2105	5.2105	0.0986078	0.462846	-2.16055	0.112843	2.08353	2.08353	0.543927	0.770075	-1.29858	0.758302	0.876973	-1.14029	0.00959205	4.03434	4.03434	0.123318	0.491639	-2.03401	0.000240475	13.2602	13.2602	0.8125	1.10635	1.10635	8.65303	24.7927	2.54685	1
cg25021530	FGF10	0.00300288	0.000596215	0.119316	-8.38111	0.0435861	0.394213	-2.5367	0.00213527	0.177127	-5.64567	0.0278203	0.352381	-2.83784	0.0142698	0.297471	-3.36168	0.0117954	0.283188	-3.53123	0.000640972	0.122176	-8.18491	0.237194	0.60847	-1.64347	0.016217	0.30739	-3.2532	8.55572	21.8088	2.26581	1
cg06850283	FGF10	0.00381998	5.32E-05	6.02102	6.02102	0.902385	1.02963	1.02963	0.890236	1.03341	1.03341	0.981662	1.00549	1.00549	0.304938	0.776591	-1.28768	0.623821	0.889011	-1.12485	0.12844	1.4786	1.4786	0.0957115	1.54579	1.54579	0.0778666	1.59414	1.59414	7.96211	7.14286	0.797428	1
cg08976810	FGF10	0.024136	0.000904723	2.79773	2.79773	0.105957	0.693561	-1.44184	0.413898	1.18897	1.18897	0.907469	0.976193	-1.02439	0.454287	0.853889	-1.17111	0.423459	0.844157	-1.18461	0.619267	1.10938	1.10938	0.917808	0.978837	-1.02162	0.0509915	1.58509	1.58509	4.41076	2.99987	0.604557	1
cg25563256	FGF11	3.78E-05	0.0145018	0.578555	-1.72844	0.00133104	2.33451	2.33451	4.50E-06	6.79681	6.79681	0.722147	0.937187	-1.06702	0.00254882	0.467378	-2.13959	0.00504229	1.96181	1.96181	0.000589518	0.381169	-2.62351	0.0128371	0.570379	-1.75322	0.0264107	0.619839	-1.61332	28.6708	14.9899	0.464736	1
cg19056772	FGF11	0.000445632	0.0182965	0.453419	-2.20547	0.0401086	1.92537	1.92537	5.21E-05	8.08344	8.08344	0.120698	0.628238	-1.59175	0.0111779	0.415528	-2.40658	0.0500618	1.85354	1.85354	0.0270178	0.485226	-2.0609	0.00823284	0.393176	-2.54339	0.0372452	0.512816	-1.95002	14.7535	17.8244	1.07391	1
cg03613649	FGF11	0.00118803	0.313525	0.790439	-1.26512	0.766839	1.06938	1.06938	5.38E-05	5.46961	5.46961	0.00662013	2.21493	2.21493	0.0405375	0.586471	-1.70511	0.0221656	1.85655	1.85655	0.343822	1.24608	1.24608	0.0383028	0.581826	-1.71873	0.876	1.03586	1.03586	11.2038	9.03133	0.71653	1
cg04635736	FGF11	0.0114409	0.00210138	0.523299	-1.91095	0.62335	0.928581	-1.07691	0.0137829	1.57733	1.57733	0.429376	0.886247	-1.12835	0.929578	1.01332	1.01332	0.101544	1.30781	1.30781	0.153638	0.79558	-1.25695	0.0184613	0.651922	-1.53393	0.268585	1.18826	1.18826	5.66028	2.00883	0.315467	1
cg00795277	FGF11	0.0131314	0.72265	0.933434	-1.07131	0.00121137	2.49891	2.49891	0.00741212	1.94794	1.94794	0.0140121	1.79758	1.79758	0.248928	1.26232	1.26232	0.246217	1.26416	1.26416	0.310401	0.816371	-1.22493	0.0914341	1.43231	1.43231	0.609358	0.905181	-1.10475	5.41233	3.20283	0.526014	1
cg05513300	FGF11	0.0298545	0.00227657	0.267096	-3.74397	0.411478	0.771233	-1.29663	0.106553	0.579788	-1.72477	0.674334	1.13966	1.13966	0.00872798	0.35574	-2.81104	0.129807	0.602783	-1.65897	0.276812	1.41889	1.41889	0.513264	0.814579	-1.22763	0.206243	0.662061	-1.51043	4.09389	6.20369	1.34698	1
cg13194425	FGF11	0.0310653	0.0133203	0.277499	-3.60362	0.707043	0.853985	-1.17098	0.0101156	3.88247	3.88247	0.698445	0.849798	-1.17675	0.903568	1.05198	1.05198	0.269449	1.61735	1.61735	0.761358	1.1358	1.1358	0.0281561	0.338309	-2.95588	0.114198	0.48756	-2.05103	4.0364	11.173	2.4605	1
cg17788227	FGF11;CHRNB1	0.000515549	0.474586	0.876498	-1.1409	2.14E-05	0.21222	-4.71209	0.718975	1.0677	1.0677	0.000141579	0.304176	-3.28757	0.626447	0.914919	-1.09299	0.29256	0.820411	-1.2189	0.391612	1.17247	1.17247	0.311705	1.20892	1.20892	0.842027	1.03684	1.03684	14.1696	7.3747	0.462631	1
cg27579532	FGF11;FGF11	0.000833225	0.0101902	0.670827	-1.4907	0.852765	0.977366	-1.02316	0.0684614	1.28576	1.28576	0.483879	1.09163	1.09163	2.50E-05	0.35637	-2.80607	0.384276	1.1162	1.1162	0.00853539	0.661291	-1.51219	0.0576142	0.767532	-1.30288	0.0250555	0.720029	-1.38883	12.3893	2.97962	0.213778	1
cg04988476	FGF12	0.000143314	0.949421	0.991132	-1.00895	0.0125559	0.646684	-1.54635	0.0180003	1.49713	1.49713	0.00903805	1.59351	1.59351	0.545891	1.08961	1.08961	0.739324	1.04801	1.04801	3.35E-06	0.214393	-4.66433	0.377943	1.13544	1.13544	0.0912906	1.29839	1.29839	20.1023	6.27683	0.27755	1
cg10665123	FGF12	0.00234899	0.0164403	1.43877	1.43877	0.167942	0.833307	-1.20004	0.174277	0.835827	-1.19642	0.283936	1.14813	1.14813	0.0231853	1.40046	1.40046	0.0277768	1.38091	1.38091	0.000131591	2.27803	2.27803	0.0698892	1.28596	1.28596	0.0928564	0.794976	-1.2579	9.19895	2.24332	0.216771	1
cg15543551	FGF12	0.00735446	0.811012	1.04228	1.04228	0.00668503	1.83704	1.83704	0.00116233	2.28067	2.28067	0.00126541	2.25515	2.25515	0.279719	0.823457	-1.21439	0.967822	1.007	1.007	0.984128	0.996567	-1.00344	0.741318	1.05893	1.05893	0.507687	1.12319	1.12319	6.51385	3.08238	0.420626	1
cg02403395	FGF12	0.0164282	0.0266685	3.06907	3.06907	0.213135	0.571328	-1.75031	0.00422835	0.194921	-5.13028	0.0234838	3.1754	3.1754	0.707367	1.1747	1.1747	0.093411	2.19871	2.19871	?	?	?	0.611201	0.803408	-1.2447	0.573691	0.784487	-1.27472	5.12076	13.1419	2.5664	1
cg22834653	FGF12	0.0253481	0.0590273	23.4346	23.4346	0.00436307	279.781	279.781	0.0242911	53.1071	53.1071	0.298107	4.93197	4.93197	0.0533531	25.7159	25.7159	0.0879834	16.2115	16.2115	0.00602285	202.138	202.138	0.0194801	65.2401	65.2401	0.100816	14.2812	14.2812	4.33631	150.326	30.815	1
cg14015453	FGF12	0.0280336	0.676714	1.07398	1.07398	0.00351394	1.96171	1.96171	0.0323869	1.53175	1.53175	0.695051	1.06936	1.06936	0.812755	0.960413	-1.04122	0.23655	0.809684	-1.23505	0.548078	0.901713	-1.109	0.113349	1.34083	1.34083	0.0105614	1.72896	1.72896	4.18601	1.92096	0.407911	1
cg11201710	FGF12	0.0281206	0.0265142	19.8596	19.8596	0.0943817	8.08125	8.08125	0.0662844	10.389	10.389	0.146317	5.88263	5.88263	0.0213318	23.1956	23.1956	0.0905086	8.32688	8.32688	0.0042704	77.0338	77.0338	0.0129953	33.2024	33.2024	0.0237644	21.4715	21.4715	4.18145	85.519	18.1796	1
cg24637426	FGF12	0.0324405	0.0341644	24.8043	24.8043	0.0303578	27.2947	27.2947	0.0345954	24.554	24.554	0.178065	6.41765	6.41765	0.0248949	32.071	32.071	0.0518657	17.7078	17.7078	0.0081873	81.0868	81.0868	0.0193848	39.3571	39.3571	0.0335101	25.1955	25.1955	3.97437	106.229	23.7586	1
cg03401266	FGF12	0.0338993	0.00218177	0.348732	-2.86753	0.146431	0.682489	-1.46522	0.103769	1.54643	1.54643	0.26826	1.32655	1.32655	0.768676	0.930276	-1.07495	0.779984	1.07103	1.07103	0.0500537	0.578361	-1.72902	0.386887	0.804644	-1.24279	0.670854	1.11044	1.11044	3.91202	3.72078	0.845435	1
cg09639890	FGF12	0.0367806	0.0186591	0.249144	-4.01374	0.330352	0.612885	-1.63163	0.168779	0.489351	-2.04352	0.20982	0.525089	-1.90444	0.0114547	0.213941	-4.6742	0.0456868	0.327364	-3.05471	0.0287182	0.284353	-3.51675	0.0151738	0.233667	-4.27959	0.0163143	0.238995	-4.18419	3.79808	14.2902	3.34443	1
cg14463292	FGF12	0.0372907	0.021908	0.209715	-4.76838	0.0430366	0.266473	-3.75272	0.35538	0.582731	-1.71606	0.324164	1.78315	1.78315	0.0510916	0.283097	-3.53236	0.0455521	0.271867	-3.67827	0.02669	0.225017	-4.44412	0.204531	2.13934	2.13934	0.4581	1.536	1.536	3.77906	19.3117	4.54239	1
cg09725157	FGF12	0.0380205	0.403033	1.3977	1.3977	0.00117519	0.155213	-6.44276	0.53219	0.780699	-1.2809	0.942817	1.02847	1.02847	0.107097	0.502457	-1.99022	0.0661799	0.446489	-2.2397	0.716431	1.15342	1.15342	0.94715	1.02628	1.02628	0.17663	0.570061	-1.7542	3.7524	9.09823	2.15524	1
cg00902847	FGF12	0.0397362	0.749668	1.06246	1.06246	0.0227458	0.5969	-1.67532	0.150973	0.747291	-1.33817	0.0499144	1.5269	1.5269	0.199749	1.29228	1.29228	0.680606	0.924648	-1.08149	0.0073497	0.519984	-1.92314	0.813845	1.04566	1.04566	0.895815	1.02511	1.02511	3.69212	2.09484	0.504339	1
cg04218345	FGF12	0.0427641	0.0377566	13.2923	13.2923	0.0498441	11.0446	11.0446	0.103533	6.76445	6.76445	0.0875571	7.57614	7.57614	0.0251182	17.4674	17.4674	0.0566671	10.139	10.139	0.0187808	21.2653	21.2653	0.0180294	21.8647	21.8647	0.0212257	19.5706	19.5706	3.59319	65.6094	16.2305	1
cg20985479	FGF12	0.0429052	0.0120148	12.7619	12.7619	0.0983469	4.36455	4.36455	0.152902	3.47034	3.47034	0.220809	2.84689	2.84689	0.0191143	10.0256	10.0256	0.525879	1.68613	1.68613	0.028697	8.14568	8.14568	0.0100718	14.0077	14.0077	0.0421955	6.7016	6.7016	3.5888	37.5512	9.30085	1
cg06127862	FGF12	0.0466151	0.0458825	17.0085	17.0085	0.0205689	31.6381	31.6381	0.0535428	15.1047	15.1047	0.187562	5.6375	5.6375	0.0326835	22.085	22.085	0.118543	8.152	8.152	0.0677514	12.6011	12.6011	0.0130647	45.2629	45.2629	0.0195089	32.9755	32.9755	3.47917	84.4908	21.5865	1
cg01255414	FGF12;FGF12	0.0091669	0.00611126	15.2841	15.2841	0.0700738	4.67944	4.67944	0.02321	7.90639	7.90639	0.734847	1.29567	1.29567	0.43471	0.544804	-1.83552	0.510346	0.601211	-1.66331	0.416933	0.531451	-1.88164	0.0025541	24.2589	24.2589	0.00490838	17.1176	17.1176	6.07681	55.8807	8.17398	1
cg01257828	FGF12;FGF12	0.0139681	0.00516611	26.0991	26.0991	0.0866431	5.32234	5.32234	0.193022	3.37694	3.37694	0.434763	2.0219	2.0219	0.499274	0.545584	-1.8329	0.667287	0.682459	-1.46529	0.83236	1.20594	1.20594	0.00191801	48.4706	48.4706	0.00609025	23.652	23.652	5.30387	65.5581	10.9871	1
cg23207710	FGF12;FGF12	0.0149623	0.00739403	69.4701	69.4701	0.0471446	16.3046	16.3046	0.211146	5.04767	5.04767	0.650924	1.75025	1.75025	0.444902	0.384038	-2.60391	0.451501	0.389585	-2.56683	0.435905	0.376515	-2.65593	0.00349708	130.137	130.137	0.00784979	66.1624	66.1624	5.18501	124.007	21.2591	1
cg16503628	FGF12;FGF12	0.0167241	0.0709082	0.759753	-1.31622	0.534378	1.08946	1.08946	0.220649	0.839174	-1.19165	0.777243	0.962114	-1.03938	0.214521	1.19474	1.19474	0.963123	1.00632	1.00632	0.244219	1.18045	1.18045	0.0024068	1.77831	1.77831	0.00956609	0.63968	-1.56328	4.99673	1.46732	0.261027	1
cg19507527	FGF12;FGF12	0.0172307	0.0532998	1.29827	1.29827	0.367713	0.895821	-1.11629	0.708462	1.04567	1.04567	0.324169	1.1287	1.1287	0.0816502	1.2579	1.2579	0.016853	0.707016	-1.41439	0.00252664	0.607441	-1.64625	0.201917	0.851963	-1.17376	0.998448	0.999769	-1.00023	4.94711	1.10766	0.199023	1
cg10511904	FGF12;FGF12	0.0179484	0.00613118	19.0699	19.0699	0.45876	1.86243	1.86243	0.225689	2.85424	2.85424	0.36607	2.15005	2.15005	0.682454	0.712421	-1.40366	0.55252	0.609363	-1.64106	0.764226	0.780391	-1.28141	0.0025068	31.8413	31.8413	0.00675316	18.0775	18.0775	4.87983	52.517	9.56627	1
cg16376000	FGF12;FGF12	0.018808	0.011181	61.0356	61.0356	0.133659	8.10016	8.10016	0.0847789	11.7623	11.7623	0.319335	3.78395	3.78395	0.779185	0.695255	-1.43832	0.503385	0.415549	-2.40645	0.850644	1.27603	1.27603	0.00211962	266.684	266.684	0.00730434	87.6328	87.6328	4.80351	127.212	23.5406	1
cg16366473	FGF12;FGF12	0.0192733	0.0148089	31.6784	31.6784	0.144777	5.84385	5.84385	0.157279	5.49379	5.49379	0.874333	0.838228	-1.19299	0.180166	0.201603	-4.96025	0.256235	0.264515	-3.78051	0.724385	0.673743	-1.48425	0.00412	90.0282	90.0282	0.00938139	45.4032	45.4032	5.31316	102.374	14.9863	1
cg02992632	FGF12;FGF12	0.0209811	0.219781	0.87041	-1.14888	0.794023	0.972248	-1.02854	0.798889	1.02784	1.02784	0.0239169	1.33622	1.33622	0.926348	1.00999	1.00999	0.0119713	0.713741	-1.40107	0.00315958	0.648022	-1.54316	0.142886	0.844189	-1.18457	0.22719	0.872521	-1.1461	4.62845	0.84811	0.162879	1
cg15048660	FGF12;FGF12	0.0317341	0.0104548	75.2028	75.2028	0.163336	7.34586	7.34586	0.286583	4.4073	4.4073	0.648663	1.84937	1.84937	0.311306	0.245603	-4.07161	0.544365	0.439367	-2.276	0.214827	0.173741	-5.75568	0.0112125	70.7544	70.7544	0.0194176	44.1642	44.1642	4.00581	113.98	25.2921	1
cg01526748	FGF12;FGF12	0.0401172	0.0246926	0.373052	-2.68059	0.0182934	0.347921	-2.87422	0.376448	1.3974	1.3974	0.0453729	2.3308	2.3308	0.127548	0.544736	-1.83575	0.0927989	0.5057	-1.97746	0.0958914	0.509561	-1.96247	0.351718	0.702352	-1.42379	0.814241	1.09065	1.09065	3.67917	7.91954	1.91336	1
cg17393267	FGF12;FGF12	0.0402102	0.0208517	30.4569	30.4569	0.114767	8.22265	8.22265	0.267065	4.13872	4.13872	0.564317	2.04598	2.04598	0.624377	0.545397	-1.83353	0.353557	0.30957	-3.23029	0.670745	0.591366	-1.691	0.00690393	73.3754	73.3754	0.0168592	35.9356	35.9356	3.67603	87.8577	21.2446	1
cg16209795	FGF12;FGF12;FGF12	0.00796	0.00267427	46.0366	46.0366	0.338008	2.48678	2.48678	0.242774	3.0878	3.0878	0.905801	1.11537	1.11537	0.422833	0.469959	-2.12784	0.461432	0.500803	-1.99679	0.860882	0.850617	-1.17562	0.000971534	92.5316	92.5316	0.0058346	27.9236	27.9236	6.35416	85.612	11.9763	1
cg04350913	FGF12;FGF12;FGF12	0.0109679	0.0123726	13.5763	13.5763	0.0820002	5.0236	5.0236	0.174486	3.35312	3.35312	0.571433	1.61454	1.61454	0.816256	0.822864	-1.21527	0.384535	0.473875	-2.11026	0.767239	1.28226	1.28226	0.00105148	57.9821	57.9821	0.00328688	28.6473	28.6473	5.73792	63.7605	9.87744	1
cg21197774	FGF12;FGF12;FGF12	0.0333394	0.0166987	69.0271	69.0271	0.023682	50.1174	50.1174	0.0424952	29.5364	29.5364	0.237525	6.00962	6.00962	0.28408	5.01689	5.01689	0.932786	1.13004	1.13004	0.66991	0.537162	-1.86164	0.0072387	151.731	151.731	0.0166522	69.2047	69.2047	3.93555	130.922	29.5702	1
cg18780257	FGF12;FGF12;FGF12	0.0425787	0.0344953	26.6546	26.6546	0.0969384	11.3113	11.3113	0.202068	6.00973	6.00973	0.0708019	14.7	14.7	0.0214333	39.632	39.632	0.0519299	19.0016	19.0016	0.030822	29.2652	29.2652	0.0121454	64.1958	64.1958	0.0180763	45.7438	45.7438	3.599	101.045	24.9562	1
cg06230327	FGF13;FGF13;FGF13	0.000280274	0.44281	0.875812	-1.1418	?	?	?	0.00926611	0.571456	-1.74992	0.00114036	0.444513	-2.24965	0.000231403	0.354989	-2.81699	0.00588737	1.8417	1.8417	0.000384083	2.61262	2.61262	0.129524	0.757633	-1.3199	0.608439	0.916161	-1.09151	17.1756	6.94369	0.404277	1
cg02588867	FGF13;FGF13;FGF13;FGF13	0.000510657	0.226616	1.24661	1.24661	0.000160117	0.326338	-3.06431	0.00237849	0.479252	-2.08659	0.46924	1.13638	1.13638	0.00416873	0.513418	-1.94773	0.00690096	1.83528	1.83528	0.00464357	1.92276	1.92276	0.0150701	0.595309	-1.6798	0.296245	0.828573	-1.20689	14.2071	6.78348	0.424418	1
cg25549901	FGF13;FGF13;FGF13;FGF13	0.0421444	0.876783	0.942024	-1.06154	0.00435755	0.230812	-4.33254	0.025297	0.359268	-2.78344	0.537905	0.786567	-1.27135	0.0822273	0.476592	-2.09823	0.203062	1.67733	1.67733	0.162848	1.77433	1.77433	0.361924	0.697173	-1.43436	0.693184	0.858443	-1.1649	3.61273	8.47761	2.08587	1
cg17658303	FGF13;FGF13;FGF13;FGF13;FGF13	0.000468535	0.343928	1.22177	1.22177	0.00132881	0.383302	-2.60891	0.000537026	0.330741	-3.02351	0.232951	0.773398	-1.29299	3.05E-05	0.187533	-5.33239	0.0386187	0.611307	-1.63584	0.0751266	1.50254	1.50254	0.885136	0.970739	-1.03014	0.578701	1.12214	1.12214	14.5503	9.72707	0.594234	1
cg07146718	FGF13;FGF13;FGF13;FGF13;FGF13	0.0026936	0.0227023	0.401847	-2.48851	0.0207113	0.394152	-2.53709	0.0547251	0.482702	-2.07167	0.00446755	0.281547	-3.55181	5.95E-05	0.0835479	-11.9692	0.0850161	0.5291	-1.89	0.0506863	0.475081	-2.10491	0.894849	1.04519	1.04519	0.261229	0.675942	-1.47942	8.83559	15.6353	1.57296	1
cg11186522	FGF13;FGF13;FGF13;FGF13;FGF13	0.00712157	0.0119001	2.33948	2.33948	0.0361869	0.517088	-1.93391	0.255155	0.724942	-1.37942	0.015539	0.447757	-2.23336	0.00129029	0.28089	-3.56012	0.179448	1.4712	1.4712	0.226721	1.41008	1.41008	0.840496	1.05608	1.05608	0.757888	0.919692	-1.08732	6.57968	7.63925	1.03203	1
cg25831435	FGF13;FGF13;FGF13;FGF13;FGF13;FGF13	0.000945147	0.999338	0.999854	-1.00015	0.42601	0.866765	-1.15371	0.00454625	0.51433	-1.94428	0.00097468	0.421877	-2.37036	0.000142569	0.315461	-3.16996	0.74558	1.05894	1.05894	0.00391037	1.98022	1.98022	0.458886	0.875756	-1.14187	0.383236	1.17033	1.17033	11.9561	5.85935	0.43562	1
cg15061682	FGF14	4.34E-06	1.31E-05	0.425809	-2.34847	0.0519396	1.22928	1.22928	0.393677	1.08498	1.08498	0.178369	1.1428	1.1428	0.000265715	0.571801	-1.74886	6.75E-05	0.506051	-1.97608	9.01E-07	0.296473	-3.37299	0.00190653	1.50756	1.50756	1.26E-05	0.424008	-2.35845	50.3283	6.94563	0.122672	1
cg04561389	FGF14	8.42E-05	0.209155	1.24842	1.24842	0.603399	0.915902	-1.09182	0.000661159	2.39666	2.39666	0.620673	1.08721	1.08721	0.249759	1.22336	1.22336	0.0162211	1.6369	1.6369	2.20E-06	0.143281	-6.9793	0.956765	0.990954	-1.00913	0.118715	0.752878	-1.32824	23.1847	10.3151	0.395475	1
cg06960698	FGF14	0.00302657	0.959037	0.979102	-1.02134	0.896278	1.0551	1.0551	0.276489	1.59272	1.59272	4.79E-05	0.0429741	-23.2699	?	?	?	0.726077	1.15562	1.15562	0.703745	0.854619	-1.17011	0.520222	1.30737	1.30737	0.683157	1.18382	1.18382	8.72592	20.7706	2.38033	1
cg25082959	FGF14	0.00870912	0.0455175	0.722817	-1.38348	0.038879	1.40279	1.40279	0.408256	1.12718	1.12718	0.339704	1.14944	1.14944	0.35284	1.1449	1.1449	0.796545	0.964092	-1.03725	0.000377411	0.447431	-2.23498	0.295769	1.16585	1.16585	0.807841	1.03509	1.03509	6.17635	1.95961	0.282024	1
cg12678003	FGF14	0.016133	0.816337	1.02142	1.02142	0.0337704	0.797867	-1.25334	0.191396	0.881618	-1.13428	0.15526	0.870632	-1.14859	0.439679	1.07443	1.07443	0.00861167	1.35686	1.35686	0.39272	0.92334	-1.08302	0.00252142	0.682463	-1.46528	0.854714	0.983442	-1.01684	5.05704	0.66458	0.116815	1
cg11100836	FGF14	0.0190761	0.994817	0.999028	-1.00097	0.000383643	2.33573	2.33573	0.0574412	1.37936	1.37936	0.730608	0.949585	-1.05309	0.109014	1.29898	1.29898	0.537632	1.09791	1.09791	0.573484	1.08886	1.08886	0.907012	0.982663	-1.01764	0.067881	1.35808	1.35808	4.7806	1.69599	0.315347	1
cg04046599	FGF14	0.0208265	0.051183	2.19713	2.19713	0.488882	1.28304	1.28304	0.0385872	2.33813	2.33813	0.194015	1.62761	1.62761	0.196761	0.616443	-1.62221	0.0409018	0.433217	-2.30831	0.00430325	0.258388	-3.87015	0.846738	1.071	1.071	0.593374	0.826088	-1.21052	4.64015	9.23477	1.76906	1
cg02491276	FGF14	0.027634	0.166497	0.872719	-1.14584	0.558997	0.946927	-1.05605	0.502954	1.06475	1.06475	0.266297	1.11281	1.11281	0.579853	0.949704	-1.05296	0.646285	0.958252	-1.04357	0.000831375	0.628555	-1.59095	0.901037	0.988585	-1.01155	0.109943	1.17445	1.17445	4.20722	0.5675	0.1199	1
cg09896622	FGF14;FGF14	0.000635851	0.03235	0.837162	-1.19451	0.0043677	1.31005	1.31005	7.49E-05	1.6653	1.6653	0.447293	1.05648	1.05648	0.102262	0.880873	-1.13524	0.127661	0.889731	-1.12394	0.00192342	0.732374	-1.36542	0.119929	0.887214	-1.12712	0.427775	0.944189	-1.05911	13.3656	1.06505	0.0708318	1
cg23809442	FGF14;FGF14	0.0031361	0.457912	0.848154	-1.17903	0.181453	1.36217	1.36217	0.224982	1.32006	1.32006	0.865462	0.963728	-1.03764	0.608744	1.11906	1.11906	0.0936309	0.669161	-1.49441	6.29E-05	0.200761	-4.98105	0.17427	1.37011	1.37011	0.31715	1.25271	1.25271	8.44603	6.35014	0.668311	1
cg25317585	FGF14;FGF14	0.00498637	0.463895	1.10114	1.10114	0.044086	0.741601	-1.34843	0.00948235	0.653914	-1.52925	0.570137	0.928519	-1.07698	0.0814978	1.28343	1.28343	0.710608	0.952977	-1.04934	0.146736	0.817683	-1.22297	0.00101794	1.87699	1.87699	0.0141945	1.47846	1.47846	7.34471	1.94274	0.235118	1
cg21276549	FGF14;FGF14	0.00522964	0.00103946	0.460902	-2.16966	0.00261886	0.514461	-1.94378	0.114332	0.760369	-1.31515	0.502358	0.8971	-1.1147	0.0160311	0.624889	-1.60028	0.796003	0.959519	-1.04219	0.00239316	0.509166	-1.96399	0.0131496	0.612366	-1.63301	0.0137826	0.615325	-1.62516	7.23855	2.9167	0.358169	1
cg18977436	FGF14;FGF14	0.0307692	0.748558	0.926317	-1.07954	0.0115024	2.12192	2.12192	0.00150313	2.97026	2.97026	0.116565	1.50054	1.50054	0.801563	0.941827	-1.06177	0.960479	1.01186	1.01186	0.513631	0.854149	-1.17076	0.807618	1.05978	1.05978	0.223065	1.35621	1.35621	4.0502	3.63325	0.797382	1
cg02110822	FGF16	7.56E-05	0.00301673	0.32766	-3.05195	0.0210028	0.466777	-2.14235	0.0070788	0.384815	-2.59865	0.00789072	0.392511	-2.5477	0.000235734	0.187772	-5.32562	0.224145	1.41967	1.41967	2.81E-06	0.045968	-21.7543	0.636554	0.877555	-1.13953	0.000129253	0.16115	-6.20539	23.8572	28.4532	1.06013	1
cg26143566	FGF16	0.00175715	0.000375148	0.255649	-3.91162	0.00279302	0.372217	-2.6866	0.000498251	0.270779	-3.69305	0.680707	0.905532	-1.10432	0.00599414	0.422588	-2.36637	0.503933	1.17662	1.17662	0.552772	0.865872	-1.1549	0.19841	1.38537	1.38537	0.181979	0.711946	-1.4046	10.0115	9.11973	0.809714	1
cg02096520	FGF16	0.00347462	0.21042	0.682131	-1.46599	0.121318	0.614541	-1.62723	0.0466092	0.516603	-1.93572	0.0417629	0.506494	-1.97436	0.000716427	0.224737	-4.44964	0.529587	1.20273	1.20273	0.210949	1.46527	1.46527	0.400665	0.779305	-1.2832	0.000292813	0.180723	-5.53334	8.19162	10.8999	1.18277	1
cg06916310	FGF16	0.00897732	0.000614687	0.0503325	-19.8679	0.156544	0.423645	-2.36047	0.0618509	0.303682	-3.29292	0.0105539	0.161515	-6.19138	0.0143027	0.180523	-5.53947	0.667606	0.782832	-1.27741	0.328265	1.77157	1.77157	0.813538	1.14328	1.14328	0.0229388	0.21395	-4.67399	6.11727	31.1168	4.52152	1
cg20638572	FGF16	0.0339095	0.003121	0.0719174	-13.9048	0.776296	0.830669	-1.20385	0.0961565	0.304274	-3.28651	0.118304	0.33143	-3.01723	0.081798	0.284805	-3.51117	0.403529	1.74486	1.74486	0.553069	1.47812	1.47812	0.825902	0.866355	-1.15426	0.0118927	0.129441	-7.72555	3.9116	26.2732	5.97044	1
cg08095204	FGF17	0.0066007	0.00729875	1.62152	1.62152	0.0448981	1.37934	1.37934	0.0134095	1.5339	1.5339	0.0210566	1.47356	1.47356	0.0735037	1.32152	1.32152	0.00109487	1.95979	1.95979	0.2851	0.856311	-1.1678	0.138254	0.800135	-1.24979	0.828874	1.0307	1.0307	6.73714	2.08276	0.274796	1
cg26069514	FGF17	0.0186102	0.00478869	6.60995	6.60995	0.0129047	4.74458	4.74458	0.0701519	2.77648	2.77648	0.0590474	2.9308	2.9308	0.0114325	4.93566	4.93566	0.0142614	4.5933	4.5933	0.567467	1.33846	1.33846	0.279124	0.566893	-1.764	0.362757	1.60293	1.60293	4.82069	19.4253	3.58184	1
cg15246619	FGF17	0.027914	0.0897461	2.12215	2.12215	0.413771	1.39947	1.39947	0.514857	0.766688	-1.30431	0.48723	1.32835	1.32835	0.0222845	3.00981	3.00981	0.0304516	2.78199	2.78199	0.00164312	6.13069	6.13069	0.0426016	2.55769	2.55769	0.290739	1.55434	1.55434	4.19232	10.7446	2.27815	1
cg11707219	FGF17	0.0360185	0.151287	1.83481	1.83481	0.490247	1.31866	1.31866	0.299482	1.52871	1.52871	0.13712	1.88142	1.88142	0.0361626	2.616	2.616	0.00911247	3.69756	3.69756	0.00230339	5.37205	5.37205	0.0852487	2.11914	2.11914	0.111041	1.98424	1.98424	3.82712	9.44312	2.19326	1
cg24678581	FGF18	0.000475691	0.0705907	0.637893	-1.56766	0.059471	0.62293	-1.60532	0.00011933	0.223769	-4.46888	0.967656	0.991019	-1.00906	0.000253508	0.261422	-3.82524	0.106002	0.675151	-1.48115	0.000698908	0.316524	-3.15932	0.000148418	0.234373	-4.2667	0.0100434	0.485309	-2.06054	14.4893	11.3604	0.696934	1
cg13925890	FGF18	0.00248449	0.423967	0.77261	-1.29431	0.00126454	0.226171	-4.42144	0.457245	0.787283	-1.27019	0.674764	0.875179	-1.14262	6.04E-05	0.0962014	-10.3949	0.016343	0.395591	-2.52786	0.507367	0.808573	-1.23675	0.100718	0.566675	-1.76468	0.0911815	0.555569	-1.79996	9.0486	14.3031	1.40506	1
cg26569144	FGF18	0.00279887	0.234139	1.14028	1.14028	0.019297	0.742405	-1.34697	0.0809125	0.815704	-1.22594	0.0226337	1.33278	1.33278	0.545505	0.937636	-1.06651	0.0341322	1.29721	1.29721	0.00388909	0.66419	-1.50559	0.0436798	0.783429	-1.27644	0.00208253	1.57779	1.57779	8.73601	1.53272	0.155954	1
cg07018087	FGF18	0.00318161	0.142813	1.39004	1.39004	0.229173	1.30194	1.30194	0.101778	0.68761	-1.45431	0.0141494	1.88336	1.88336	0.494682	1.15603	1.15603	0.000585205	3.03815	3.03815	0.0016406	2.56708	2.56708	0.00179717	2.53099	2.53099	0.187642	1.33906	1.33906	8.40988	5.82332	0.6155	1
cg02125316	FGF18	0.00337306	0.344436	1.70534	1.70534	0.798063	1.15088	1.15088	0.539913	1.40512	1.40512	0.488851	1.47018	1.47018	0.00854466	0.158966	-6.29065	0.863497	0.909995	-1.09891	0.000216573	0.0339612	-29.4453	0.0387831	3.71182	3.71182	0.0333947	3.90611	3.90611	8.26458	39.322	4.22924	1
cg14665812	FGF18	0.00352903	0.0882849	1.25906	1.25906	0.00165519	0.576107	-1.73579	0.000814064	0.538844	-1.85583	0.0438217	1.32816	1.32816	0.480854	1.09174	1.09174	0.684333	1.05134	1.05134	0.870227	0.980172	-1.02023	0.0131236	0.686078	-1.45756	0.264364	0.867191	-1.15315	8.15362	1.93742	0.211213	1
cg04581294	FGF18	0.0061314	0.0213007	0.366833	-2.72603	0.0382246	0.418813	-2.3877	0.00791354	0.29107	-3.43561	0.0225293	0.371559	-2.69137	0.0296201	0.395383	-2.52919	0.0406206	0.424588	-2.35523	0.000611447	0.147673	-6.77172	0.0548301	0.454237	-2.2015	0.00205581	0.207337	-4.82307	6.89288	14.3339	1.84846	1
cg12364324	FGF18	0.00812073	0.00876143	0.198357	-5.04141	0.0502834	0.339188	-2.94821	0.775452	1.14862	1.14862	0.0875678	0.401031	-2.49357	0.0207027	0.259341	-3.85593	0.739894	0.85093	-1.17518	0.000416022	0.0663508	-15.0714	0.0259877	0.277941	-3.59788	0.0259802	0.277917	-3.5982	6.3143	23.4756	3.30475	1
cg16654732	FGF18	0.00933052	0.988855	0.996005	-1.00401	0.202656	0.680157	-1.47025	0.835769	0.942248	-1.06129	0.739394	1.10039	1.10039	0.185323	0.668639	-1.49558	0.114219	0.611183	-1.63617	0.000164296	0.158613	-6.30466	0.168864	1.5221	1.5221	0.727333	1.10552	1.10552	6.04273	7.8591	1.15608	1
[illegible]	FGF18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	FGF18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
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[illegible]	FGF18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
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[illegible]	FGF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)	SS(Test)	SS(Error)
cg17412464	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.00891423	0.440002	0.882947	-1.13257	0.00285412	1.91358	1.91358	0.011088	1.65445	1.65445	0.319887	0.850031	-1.17643	0.0512988	1.65494	0.714371	-1.39983	0.110767	0.759813	-1.31611	0.0280868	1.50689	1.50689	0.108098	0.757958	-1.31933	0.39268	0.870731	-1.14846	0.13097	2.42643	0.351792	1
cg14682419	FGF1	0.0124335	0.0404081	0.753458	-1.32721	0.0909815	1.24937	1.24937	0.120465	1.22311	1.22311	0.541288	0.928722	-1.07675	0.743804	0.961544	-1.03999		0.00111884	0.563341	-1.77512	0.0388928	1.33099	1.33099	0.253877	0.867206	-1.15313	0.71947	0.957789	-1.04407	5.5096	1.24772	0.2013	1
cg17547898	FGF2	0.000315583	0.00424558	0.556868	-1.79576	0.323112	0.855452	-1.16897	0.475509	0.894939	-1.11739	0.0577004	0.720147	-1.38861	2.02E-06	0.166384	-6.01021		0.0763009	0.793745	-1.35213	0.0150533	0.71182	-1.40485	0.949141	1.00981	1.00981	1.000240907	0.394795	-2.32596	20.3925	7.55802	0.329447	1
cg24683623	FGF2	0.0039042	0.0795989	0.608163	-1.64431	0.132573	0.660452	-1.51412	0.547263	1.16845	1.16845	0.785335	1.07228	1.072228	0.000883534	0.279781	-1.57423		0.0646312	0.588298	-1.69982	0.000781062	0.272875	-1.66468	0.0190345	2.06091	2.06091	0.25353	0.737182	-1.35652	8.1023	8.38371	0.919761	1
cg18375441	FGF2	0.00421001	0.00260702	0.221445	-4.5158	0.0384998	0.420332	-2.37907	0.473217	0.76818	-1.30178	0.0197675	0.361466	-2.76651	0.00238996	0.216491	-4.61913		0.0120776	0.322585	-3.09996	0.000880206	0.164863	-6.06565	0.0112765	0.317443	-3.15017	0.00844367	0.296456	-3.37319	7.73214	16.0051	1.83995	1
cg19536798	FGF2	0.0184883	0.0168697	-2.71225	0.0940738	1.90194	1.90194	0.493985	1.36093	1.36093	0.508524	1.444915	1.444915	0.0217902	0.382312	-2.61566		0.0402609	0.437126	-2.28768	0.00118752	0.190142	-5.25922	0.005442	1.59443	1.59443	0.0110149	0.328331	-3.0458	7.13963	15.7908	2.71696	1
cg08421768	FGF2	0.00732198	0.0167829	0.285992	-3.4966	0.0123021	0.262587	-3.80826	0.115474	0.480013	-2.08328	0.966552	1.01815	1.01815	0.0095018	0.119504	-8.36794		0.0225668	0.309922	-3.22661	0.0225318	0.159816	-6.25722	0.790412	0.892035	-1.12103	0.0365457	0.352693	-2.83533	6.52287	19.0046	2.5898	1
cg14703482	FGF2	0.00732667	0.00870928	0.577967	-1.7302	0.38208	0.863376	-1.15838	0.159289	0.781382	-1.27978	0.404361	0.869414	-1.1502	0.0409067	0.679083	-1.47257		0.700391	0.938556	-1.06547	0.858205	0.971096	-1.02976	0.468304	0.886014	-1.12865	0.000129231	0.135878	-2.97728	6.52156	2.77826	0.378676	1
cg21550024	FGF2	0.0168386	0.757149	0.097152	-1.0205	0.0546717	0.480266	-2.08218	0.0227355	0.405379	-2.46683	0.706355	0.882193	-1.13354	0.000706543	0.180093	-5.52508		0.335748	0.732101	-1.36593	0.113194	0.581835	-1.7187	0.00107496	4.306166	4.56036	0.0885705	1.04622	1.04622	0.498536	7.792668	1.38943	1
cg17241027	FGF2	0.018458	0.821608	0.907534	-1.10189	0.507952	0.74935	-1.33449	0.358183	1.5007	1.5007	0.008986	0.167385	4.16738	0.949867	1.02738	1.02738		0.416783	0.700098	-1.42837	0.807485	0.900429	-1.11058	0.00105706	8.00995	8.00995	0.0478072	2.64374	2.64374	0.483406	14.1311	2.59844	1
cg26414564	FGF2	0.00257573	0.109817	0.797264	-1.25429	0.0310886	0.663037	-1.51284	0.0403878	0.738383	-1.35901	0.655832	1.06004	1.06004	0.194342	1.19538	1.19538		0.138655	1.23923	1.23923	0.0215486	1.43159	1.43159	0.127199	0.827804	-1.20802	0.651748	0.942654	-1.06083	4.31217	1.15984	0.237946	1
cg03520282	FGF20	0.00701129	0.770629	0.907723	-1.10166	0.0596717	0.480266	-2.08218	0.0227355	0.405379	-2.46683	0.706355	0.882193	-1.13354	0.000706543	0.180093	-5.52508		0.0108458	0.346633	-2.8849	0.0246732	0.412337	-2.4252	0.00467591	0.470501	-2.1254	0.00217616	0.240693	-4.15468	6.6118	11.4843	1.54395	1
cg11192975	FGF20	0.0156548	0.124501	0.800508	-1.34921	0.00142214	0.854838	1.85438	0.543949	1.08564	1.08564	0.789801	1.03639	1.013639	0.951943	-1.05048		0.215447	1.19057	1.19057	0.0935772	0.644748	-1.55099	0.97127	1.00483	1.00483	0.209731	0.837901	-1.19346	5.1087	1.4479	0.251968	1
cg05578055	FGF20	0.0174355	0.44374	1.11884	1.11884	0.250891	0.844181	-1.18458	0.267934	1.18068	1.18068	0.0248052	0.468894	1.46894	0.572217	0.932141	-1.08561		0.279421	0.850573	-1.17568	0.00086012	0.488637	-2.055	0.482627	1.12052	1.12052	0.606475	0.927944	-1.07765	4.92761	1.61662	0.291621	1
cg03669147	FGF20	0.0320189	0.9066349	0.953273	-1.04902	0.174231	1.80312	1.80312	0.186714	1.76979	1.76979	0.477179	1.34284	1.34284	0.00260914	0.182575	-5.47718		0.145224	0.52836	-1.89265	0.198765	0.574721	-1.73997	0.0847027	2.17642	2.17642	0.359875	0.68117	-1.46806	3.99304	10.5201	2.34188	1
cg07680534	FGF21;FGF21;FUT1	0.00442334	0.0728547	0.522211	-1.91493	0.0121436	0.362409	-2.75936	0.0016771	0.232553	-4.30009	0.249414	0.676478	-1.47824	0.00116017	0.212634	-4.70188		0.6611569	1.15397	1.15397	0.0020534	0.244052	-4.09749	0.0102842	0.349936	-2.85766	0.632049	0.855009	-1.16958	7.61731	12.7183	1.48414	1
cg05311100	FGF21;FUT1	0.00017597	0.8931664	0.94759	-1.03653	0.541089	0.174962	1.17964	0.0834577	0.599553	-1.66791	0.553023	0.163998	-1.61738	0.00023081	0.0820128	-12.2047		0.0215582	0.479877	-2.08409	3.10E-05	0.0134149	-8.76047	2.17E-05	0.102387	-9.76584	0.0096875	0.417339	-2.39631	19.0191	21.4733	1.00359	1
cg18550003	FGF21;FUT1	0.000449984	0.00606909	0.515278	-1.9407	0.342185	0.834356	-1.19853	3.19E-05	0.223526	-4.47376	0.014009	0.5704	-1.75316	0.33423	0.831696	-1.20236		0.150299	0.75177	-1.33019	0.0146384	0.573381	-1.74404	4.32E-05	0.237668	-4.20755	0.225467	0.790131	-1.26561	14.7139	7.97926	0.48204	1
cg21907668	FGF21;FUT1	0.00213668	0.00817518	0.385092	-2.59073	0.00947082	0.936644	-2.52115	0.00054514	0.181882	-5.49808	0.0205365	0.454164	-2.20192	0.00894451	0.392481	-2.54789		0.0162119	0.437323	-2.28664	0.00401686	0.341564	-2.92648	0.00201023	0.241521	-4.14043	0.35796	0.766526	-1.30459	9.4771	11.8496	1.1137	1
cg08415986	FGF22	0.000398797	0.00326848	0.467251	-2.14018	0.945871	1.01297	0.641351	0.920486	-1.08638	0.0023947	0.447986	-2.23221	2.20E-05	0.198541	-5.03674		0.0107294	0.54178	-1.83764	0.000151547	0.291198	-3.43409	0.613158	0.907782	-1.10159	0.2663308	0.802673	-1.24584	15.2128	8.67747	0.507026	1
cg23518439	FGF22	0.00133913	0.01575163	0.38225	-3.02803	4.91E-05	0.0575515	-17.3757	0.0042815	0.447945	-2.18267	0.302402	0.672309	-1.48531	0.0276361	0.377762	-2.64998		0.0038307	0.221423	-4.51625	0.00335701	0.224601	-4.45234	0.00286925	0.21741	-4.5996	0.0104246	0.132576	-13.0005	10.8263	26.4554	2.59157	1
cg25754733	FGF22	0.00554444	0.598764	1.09298	1.09298	0.00774172	0.563959	-1.77318	0.364147	1.16901	1.16901	0.0389272	1.49227	1.49227	0.00241611	0.492901	2.02881		0.00524951	1.85235	1.85235	0.0737533	0.716214	-1.39623	0.856388	1.0308	1.0308	0.480678	1.886888	-1.12754	7.10996	3.1574	0.394739	1
cg03159252	FGF22	0.0197299	0.051433	0.224352	-4.45728	0.224498	2.38503	2.38503	0.188865	0.387389	-2.58138	0.330732	0.50474	-1.98122	0.006099	0.923471	-1.08287		0.00263402	0.0586689	-17.0448	0.0028512	0.0609754	-16.4001	0.69261	0.762863	-1.31085	0.127785	0.325726	-3.07006	4.72673	34.7397	6.53356	1
cg00469076	FGF22	0.00281621	0.00717088	0.329531	-3.03462	0.30121	0.795969	-1.40851	0.911386	0.664948	-1.03632	0.468375	0.7900002	-1.26582	0.00759638	0.332752	-3.00524		0.136105	0.598356	-1.67125	0.0121529	0.368808	-2.7168	0.0118851	0.563809	-1.77328	0.0026881	0.621059	-1.61015	4.17928	6.76828	1.43954	1
cg11684302	FGF23	0.00441212	0.00671784	0.446586	-2.23921	0.173006	0.717098	-1.39451	0.000692637	0.305021	-3.27846	0.0127037	0.491532	-2.03446	0.00273675	0.387368	-2.58152		0.0225579	0.534503	-1.8709	0.642032	1.11334	1.11334	0.722933	1.08507	1.08507	0.0104814	0.477686	-2.09343	7.62317	6.34994	0.740426	1
cg07725129	FGF23	0.0100368	0.0729017	0.441261	-2.26505	0.0237056	0.353079	-2.83122	0.0557481	0.436432	-2.29131	0.00623938	0.252864	-3.95493	0.00633624	0.215802	-4.63407		0.0507934	0.42811	-2.33594	0.0133533	0.244052	-4.09749	0.0102842	0.349936	-2.85766	0.632049	0.855009	-1.16958	7.61731	12.7183	1.48414	1
cg21903525	FGF23	0.0164537	0.0440789	0.635889	-1.5726	0.0493753	0.155107	1.55107	0.0104777	0.532319	-1.87857	0.453605	0.86122	-1.16114	0.0115839	0.539154	1.85476		0.439741	1.16674	1.16674	0.107877	0.140666	1.40996	0.0797271	0.683467	-1.46313	0.0927992	0.696322	-1.43612	5.02399	1.04755	0.5392	1
cg02375409	FGF23;FGF23	0.00768635	0.00768635	5.5565	5.5565	0.2216311	1.902553	1.902553	0.128297	2.27753	2.27753	0.581794	0.756913	-1.32115	0.143799	2.19536	2.19536		0.00951751	5.17821	5.17821	0.0521865	3.02142	3.02142	0.00758558	5.58092	5.58092	0.510778	1.3965	1.3965	0.04515	16.0596	3.52897	1
cg26850144	FGF3	3.58E-05	0.52167	0.8408381	-1.15077	0.0402278	0.234895	-4.25722	0.0021892	0.382708	-2.75704	0.443024	0.84441	-1.18405	0.0089435	0.392481	-2.54789		0.2735881	0.782634	-1.27774	3.33E-06	0.0992045	-10.7291	6.95E-05	0.207915	-4.80974	0.0014206	0.241525	-4.14043	0.35796	0.766526	-1.30459	9.4771	11.8496	1.1137	1
cg12141747	FGF3	0.000567966	0.8695932	0.971634	-1.02919	0.0216652	0.617045	-1.62063	0.604157	0.913475	-1.09592	0.0001512	0.208108	0.0001100442	0.302326	-3.30769		0.81732	1.04135	1.04135	0.0237215	0.794683	-1.25836	0.68874	0.931912	-1.07306	13.7932	6.70006	0.431779	1
cg07038667	FGF3	0.00110595	0.0569473	0.291503	-3.43067	0.0575515	-17.3757	0.0042815	0.447945	-2.18267	0.302402	0.672309	-1.48531	0.0276361	0.377762	-2.64998		0.0038307	0.221423	-4.51625	0.00335701	0.224601	-4.45234	0.00286925	0.21741	-4.5996	0.0104246	0.132576	-13.0005	10.8263	26.4554	2.59157	1
cg06889951	FGF3	0.00118044	0.948443	0.993644	-1.0064	0.7800351	0.972775	-1.02799	0.000607617	0.593939	-1.68367	0.546953	0.94167	-1.06194	0.231288	1.13179	1.13179		0.144571	1.16709	1.16709	0.000168495	1.8799	1.8799	0.00991714	0.725281	-1.37878	0.237022	0.8850315	-1.12992	11.2243	1.72822	0.136863	1
cg12319507	FGF3	0.00216342	0.114958	1.53088	1.53088	0.224126	0.728134	-1.37337	0.331308	0.779561	-1.28277	0.947812	0.1064	1.0164	0.0735695	0.609203	-1.64149		0.800014	0.938882	-1.0651	0.461297	1.20482	1.20482	3.93E-05	7.06288	7.06288	0.124896	1.5109	1.5109	0.42338	9.2119	0.86894	1
cg24773676	FGF3	0.00256534	0.00715308	0.351063	-2.84901	0.418631	1.08825	1.08825	0.0209844	0.609523	-1.64818	0.975471	-1.00455	0.0076361	0.377762	-2.64998		0.0038307	0.221423	-4.51625	0.00335701	0.224601	-4.45234	0.00286925	0.21741	-4.5996	0.0104246	0.132576	-13.0005	10.8263	26.4554	2.59157	1
cg21283867	FGF3	0.00575638	0.665037	1.07138	1.07138	0.0336159	1.48113	1.48113	0.494278	1.11612	1.11612	0.744918	0.949642	-1.05303	0.42811	0.879813	-1.13661		0.27529	0.835572	-1.19678	0.0615564	0.716551	-1.39557	0.000223539	2.64384	2.64384	0.037812	1.46407	1.46407	0.72841	2.78849	0.352662	1
cg06727490	FGF3	0.00816507	0.725754	0.897234	-1.11446	0.0237356	0.353079	-2.83122	0.0557481	0.436432	-2.29131	0.00623938	0.252864	-3.95493	0.00633624	0.215802	-4.63407		0.832929	0.93609	-1.06734	0.741565	0.893797	-1.11882	0.0556615	0.621846	-1.60822	0.0197091	0.655918	-1.52469	0.97934	5.29804	0.67499	1
cg00358611	FGF3	0.0348371	0.528773	1.08862	1.08862	0.0322174	1.39618	1.39618	0.140981	1.23451	1.23451	0.169161	1.06897	1.06897	0.0943243	1.13842	1.13842		0.943903	0.99068	-1.00941	0.0261403	0.703898	-1.42066	0.03131	1.3995	1.3995	0.0102231	1.53849	1.53849	0.37867	1.08612	0.249232	1
cg01361167	FGF3	0.035498	0.106836	0.617796	-1.61866	0.0302973	0.498259	-2.00699	0.00084842	0.253611	-3.94305	0.339844	0.764069	-1.30878	0.2163313	0.70053	-1.42749		0.100318	0.635826	-1.57376	0.654614	0.884107	-1.13108	0.651002	0.882872	-1.13267	0.140403	0.648005	-1.5432	3.84739	4.55972	1.05346	1
cg14578030	FGF4	0.741634	0.0116145	0.0911	-10.9756	0.0016435	0.865346	-1.15528	0.68741	1.08638	-1.38039	0.72E-05	0.0001	-1.38039	2.72E-05	0.00053	-18.3703		0.116	0.234176	-4.26664	0.11955	0.777781	-1.28571	1.49E-05	0.262529	-3.80911	0.0084237	0.615443	-1.62485	0.56381	0.564299	1.03436	0.93665	2.09383	1
cg03631755	FGF4	0.00348542	0.00328029	0.558033	-1.81543	0.346305	0.865594	-1.15528	0.68741	1.08638	-1.38039	0.72E-05	0.0001	-1.38039	2.72E-05	0.00053	-18.3703		0.237035	0.831628	-1.20246	0.00937302	0.612144	-1.63283	0.01306117	1.58128	1.58128	0.602241	1.0814	1.0814	0.83083	2.87093	0.33182	1
cg00002558	FGF4	0.623837	0.0478007	0.8	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25		0.0178492	1.84742	1.84742	0.0479397	0.0001	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	1
cg18947739	FGF4	0.0147869	0.0470394	0.542756	-1.84245	0.112255	1.59184	1.59184	0.61483	1.14615	1.14615	0.433321	0.806572	-1.23981	0.4812211	0.824906	-1.21226		0.947878	0.982577	-1.01773	0.310587	1.32588	1.32588	0.000506402	4.31008	4.31008	0.248009	1.3836	1.3836	5.20525	5.95894	1.01759	1
cg03154488	FGF4	0.0122639	0.00703648	0.39441	10.9441	0.0015986	11.147	11.147	0.125899	1.08432	1.08432	-2.29131	0.00623938	0.265171	3.9973	-2.5144	0.354632	0.805737	-1.33513	0.0556615	0.621846	-1.60822	0.0197091	0.655918	-1.52469	0.97934	5.29804	0.67499	1
cg04882381	FGF4	0.0483081	0.8104308	1.23404	1.23404	0.0221006	0.629295	-1.58916	0.0262326	0.459723	-2.17522	0.0705335	0.55091	-1.81518	0.154639	0.638023	-1.56734		0.374475	1.30852	1.30852	0.0317393	0.67321	-1.48542	0.650584	0.874294	-1.14378	0.934875	1.22404	-1.45952	4.59005	1.87775	1.22404	1
cg23973123	FGF5;FGF5	0.000987826	0.000957212	0.240595	-4.15636	0.000161683	0.154938	-6.4542	0.00424219	0.294476	-3.39586	0.0516828	0.526667	-1.89873	0.00136179	0.260273	-3.84211		0.00557817	0.348547	-2.86905	0.000825929	0.232631	-4.29865	0.304367	0.734927	-1.36068	0.0166175	0.428758	-2.33232	11.8075	15.677	1.1802	1
cg13449667	FGF5;FGF5	0.0255176	0.182516	1.66258	1.66258	0.0010241	0.234895	-4.25722	0.0021892	0.382708	-2.75704	0.443024	0.84441	-1.18405	0.0089435	0.392481	-2.54789		0.2735881	0.782634	-1.27774	3.33E-06	0.0992045	-10.7291	6.95E-05	0.207915	-4.80974	0.0014206	0.241525	-4.14043	0.35796	0.766526	-1.30459	9.4771	11.8496	1.1137	1
cg17080423	FGF5;FGF5	0.0208283	0.637513	6.36512	0.013797	0.68329	0.683229	0.108109	3.70059	0.196401	2.98218	0.298113	0.0719333	8.68417	8.68417			0.0362942	6.15243	6.15243	0.202663	22.4493	22.4493	0.013819	9.69067	9.69067	0.0519538	3.20968	3.20968	6.64001	40.9424	7.34335	1
cg04401986	FGF5;FGF5	0.0315913	0.0326985	36.6236	36.6236	0.0275216	42.0353	42.0353	0.0554456	21.1447	21.1447	0.129475	10.4793	10.4793	0.0273449	42.2793	42.2793		0.0506151	24.4018	24.4018	0.00627937	154.419	154.419	0.0155453	70.5173	70.5173	0.0432962	28.9432	28.9432	3.99756	130.237	28.9578	1
cg00528583	FGF5;FGF5	0.0427556	0.000934764	0.634089	-1.62846	0.261413	0.940257	-1.18916	0.859829	1.02649	1.02649	0.438309	0.8836633	-1.12406	0.390581	1.13898	1.13898		0.00800731	1.6049	1.6049	-1.65317	0.1144269	0.775812	-1.28897	0.246697	1.1264	1.1264	1.24834	1.1264	1.24834	1.55936	0.24539	0.308264	1
cg14197923	FGF5;FGF5;FGF5	0.0132571	0.163521	0.847885	-1.17941	0.846581	0.975748	-1.02173	0.766815	0.967539	-1.03355	0.0179966	0.13757	7.26E-06	0.0076705	0.107611	1.07761		0.454954	1.08812	1.08812	0.0060924	0.885513	-1.12978	0.416949	1.09643	1.09643	0.359549	1.05224	0.173353	1
cg02583247	FGF6	1.74E-05	0.0001	0.0001	0.0001	0.0001	0.0001	-1.25	0.0053	0.00749814	0.239502	-4.18353	0.674982	0.403353	-2.47912	0.0002562	0.18909	-5.28466	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	0.0001	1.25	0.0001	1
cg25948690	FGF6	0.00054867	0.00721	0.380174	-2.63038	0.00144445	3.61127	3.61127	0.255616	0.718225	-1.39232	0.000241102	0.18376	-5.44189	0.00790032	0.386667	-2.58621		0.00277693	0.316518	-3.15938	0.00149504	0.27892	-3.58526	0.141373	0.643346	-1.55437	0.00620391	0.369658	-2.70521	13.9269	17.155	1.09493	1
cg08957663	FGF6	0.0245931	0.404931	0.829783	-1.20513	0.869521	0.964642	-1.03665	0.0318809	0.496224	-2.01522	0.458247	0.847566	-1.17985	0.00213392	0.230773	-4.33326		0.0186891	0.535738	-1.86658	0.786096	0.942176	-1.06137	0.0556615	0.621846	-1.60822	0.0197091	0.655918	-1.52469	0.97934	5.29804	0.67499	1
cg01155026	FGF6	0.00827519	0.003000038	0.288002	-4.18757	0.158447	0.58831	-1.69978	0.216618	0.632864	-1.58012	0.0157739	0.353138	-2.83175	0.00260392	0.230457	-4.33921		0.0404402	0.434808	-2.29987	0.00201618	0.215896	-4.63182	0.0704245	0.490887	-2.03713	0.013012	0.338135	-2.9574	4.27691	12.3094	1.74316	1
cg01731341	FGF6	0.0100651	0.456212	0.901501	-1.10926	0.00327172	1.72939	1.72939	0.109123	0.787622	-1.26964	0.747582	0.956836	-1.04511	0.0216587	1.45753	1.45753		0.0374769	1.39081	1.39081	0.26574	1.17172	1.17172	0.00908329	0.635719	-1.57302	0.717788	0.951614	-1.05085	5.89835	1.74429	0.262867	1
cg01902049	FGF6	0.611193	0.0948832	-1.05391	0.0508351	0.0508351	0.184882	-2.25599	0.242429	0.880833	-1.13553	0.026777	0.0196531	-1.60777	0.0228826	0.544009	-1.83793		0.976034	1.00308	1.00308	0.0038115574	1.6777	1.6777	0.179885	1.864227	-1.1571	0.684603	1.04272	1.04272	0.479744	0.795396	0.147759	1
cg21902327	FGF6	0.0273091	0.871252	0.963263	-1.03814	0.660499	0.903034	-1.10738	0.000910552	0.318197	-3.14084	0.600956	0.885343	-1.12951	0.0238226	0.536848	-1.86273		0.663064	0.903785	-1.10646	0.450045	1.19436	1.19436	0.0369306	0.571663	-1.74928	0.739679	0.925935	-1.07995	4.23475	3.56309	0.749677	1
cg25360518	FGF6	0.0921893	0.0406419	0.659157	-1.51722	0.0750931	0.691153	-1.44705	0.0340773	0.532893	-1.87655	0.0494025	0.483265	-2.06943	0.0313562	0.664933	-1.50402		0.0121954	0.52054	-1.92168	0.0435435	0.731931	-1.36621	0.0415569	0.615169	-1.62557	0.0833155	0.799016	-1.25115	6.88851	3.76619	0.616942	1
cg15985470	FGF6;FGF6	3.10E-05	0.619268	0.939446	-1.06446	0.00106769	0.547179	-1.82756	0.00223921	0.586421	-1.70526	0.0320512	0.731107	-1.36779	6.55E-06	0.286122	3.49501		0.0212773	1.0708069	-1.41229	4.36E-06	0.266919	-3.74646	2.49E-05	0.351745	-2.84297	0.00127859	0.556714	-1.79625	10.2063	7.43957	0.218926	1
cg00232901	FGF7;C15orf33	0.000356065	0.151133	0.668793	-1.49523	3.71E-05	0.125684	-7.95645	0.0104402	0.430376	-2.32355	0.00492959	0.240062	-4.16559	0.0045914	0.372827	-2.68321		0.00494527	0.377819	-2.64677	0.384016	0.719581	-1.3559	7.71E-05	0.153749	-6.50411	15.695	16.9981	0.962692	1
cg13597554	FGF7;C15orf33	0.0147303	0.0157166	0.43927	-2.27663	0.0140205	0.459836	-2.1757	7.54E-05	0.142989	-6.99355	0.00169316	0.25687	-3.89447	0.0027473	0.491604	-2.03606		0.233528	0.713059	-1.4024	0.0115504	0.490326	-2.03955	0.0186056	0.641851	-1.5582	0.0229398	0.47789	-2.0321	10.1031	7.1652	0.709287	1
cg27039983	FGF7;C15orf33	0.00257797	0.00145925	0.203471	-4.9147	0.403965	0.743927	-1.34422	0.0256345	0.39918	-2.50514	0.827064	0.07873	1.07873	0.000207564	0.116358	-8.59419		0.113956	0.55119	-1.81433	0.0916234	0.525501	-1.90295	0.0332895	0.422405	-2.36739	0.00121179	0.193761	-5.161	8.95071	17.0994	1.68919	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00250743	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.000119828	1.57E-05	0.127826	-7.82315	0.000588509	0.293922	-3.40226	0.0928507	0.652866	-1.53171	0.103979	1.5067	1.5067	0.227295	0.746563	-1.33947
cg01240724	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.00394637	0.285568	0.765221	-1.30681	0.428605	1.21527	1.21527	0.496638	0.846606	-1.18119	0.908914	0.972765	-1.028	0.169451	0.702485	-1.42352
cg25294906	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.00789179	0.231816	0.877661	-1.13939	0.462363	1.08096	1.08096	0.000793714	1.69451	1.69451	0.656814	0.954533	-1.04763	0.197135	1.15244	1.15244
ch.10.2610459	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0127233	0.025846	0.254225	-3.93352	0.000790678	0.0724517	-13.8023	0.00340082	0.12736	-7.85178	0.0508934	0.316275	-3.1618	0.0784918	0.363649	-2.74991
cg09820865	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0128203	0.73496	0.933667	-1.07105	0.0101601	0.519532	-1.92481	0.00798784	0.503209	-1.98725	0.65321	0.912692	-1.09566	0.217239	0.769333	-1.29983
cg07062338	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.021383	0.00329607	0.366194	-2.73079	0.0226873	0.50434	-1.98279	0.00562034	0.401656	-2.48969	0.0137562	0.46568	-2.1474	0.526269	0.851182	-1.17484
cg16499947	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0295883	0.0629195	1.81325	1.81325	0.0380459	1.98181	1.98181	0.157573	1.53702	1.53702	0.303887	1.35375	1.35375	0.0573188	1.84339	1.84339
cg17235897	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0402642	0.00644701	0.241873	-4.13439	0.0154926	0.304298	-3.28625	0.0509381	0.410308	-2.43719	0.921722	1.04016	1.04016	0.0131835	0.291943	-3.42533
cg13175830	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.043045	0.0564706	0.333498	-2.99852	0.858368	1.09509	1.09509	0.700896	1.21684	1.21684	0.0134137	4.74456	4.74456	0.936285	0.960159	-1.04149
cg14856220	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.00544065	0.0227373	0.370747	-2.69726	0.537263	1.25527	1.25527	0.216082	1.60603	1.60603	0.00305074	4.3791	4.3791	0.22511	1.58989	1.58989
cg10362842	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.00815038	0.00998145	0.289332	-3.45623	0.105869	1.96071	1.96071	0.00344403	4.54643	4.54643	0.0759757	2.12288	2.12288	0.0160848	3.07365	3.07365
cg12835048	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0129032	0.98974	1.00264	1.00264	0.0128125	0.531031	-1.88313	0.00522796	2.12614	2.12614	0.0632894	0.652057	-1.53361	0.0407685	0.616585	-1.62184
cg00730832	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.000490397	0.00120918	0.246372	-4.0589	0.00452095	3.05992	3.05992	0.00743922	2.77014	2.77014	0.000522028	4.94691	4.94691	0.0363175	2.05314	2.05314
cg10788901	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0073588	0.0779818	0.491386	-2.03506	0.185256	1.66475	1.66475	0.0458197	2.29455	2.29455	0.0167095	2.88594	2.88594	0.00712817	3.52853	3.52853
cg21608500	FGFR3;FGFR3;FGFR3	7.97E-05	0.326324	0.842823	-1.18649	0.00342528	0.511212	-1.95614	1.91E-05	0.230935	-4.33023	0.0991679	0.737115	-1.35664	1.20E-05	0.20976	-4.76736
cg22519233	FGFR3;FGFR3;FGFR3	0.000453933	0.107754	1.3522	1.3522	0.0423309	1.49484	1.49484	0.886674	0.975783	-1.02482	0.142851	0.762813	-1.31094	0.0205137	0.618862	-1.61587
cg04902458	FGFR3;FGFR3;FGFR3	0.000995158	0.987097	1.00307	1.00307	0.00114025	0.404003	-2.47523	0.404772	0.850884	-1.17525	0.00151921	2.37501	2.37501	0.00596106	0.506077	-1.97598
cg17269277	FGFR3;FGFR3;FGFR3	0.00176779	0.0698631	3.33205	3.33205	4.01E-05	0.00947649	-105.524	0.425696	1.62089	1.62089	0.387078	1.69284	1.69284	0.181024	2.32383	2.32383
cg23286903	FGFR3;FGFR3;FGFR3	0.00444719	0.00100286	0.718171	-1.39243	0.0971323	1.13135	1.13135	0.438927	1.05497	1.05497	0.620793	1.03438	1.03438	0.645826	0.969121	-1.03186
cg04742135	FGFR3;FGFR3;FGFR3	0.0066697	0.00132798	6.02284	6.02284	0.446318	1.34797	1.34797	0.291335	1.52376	1.52376	0.0123447	3.3147	3.3147	0.872362	0.940027	-1.0638
cg02350535	FGFR3;FGFR3;FGFR3	0.00864757	0.323431	1.2131	1.2131	0.265446	0.802664	-1.24585	0.0489202	1.53101	1.53101	0.0179419	1.72424	1.72424	0.936254	0.984963	-1.01527
cg03874978	FGFR3;FGFR3;FGFR3	0.0105731	0.0429944	1.44363	1.44363	0.470603	1.12268	1.12268	0.400672	1.14526	1.14526	0.00389273	1.84567	1.84567	0.0944568	0.748393	-1.3362
cg19207803	FGFR3;FGFR3;FGFR3	0.0336799	0.397061	1.1072	1.1072	0.00156823	0.58658	-1.7048	0.0716898	0.789655	-1.26638	0.532336	1.0771	1.0771	0.136634	0.828357	-1.20721
cg13572539	FGFR3;FGFR3;FGFR3	0.0391118	0.150038	0.800455	-1.24929	0.448173	1.11795	1.11795	0.0220654	0.673011	-1.48586	0.964916	0.993676	-1.00636	0.190356	0.818701	-1.22145
cg17475304	FGFR4;FGFR4	0.014942	0.0643437	0.403928	-2.47569	0.0250843	0.312765	-3.19729	0.00270828	0.164146	-6.09213	0.646929	1.22281	1.22281	0.00195272	0.148021	-6.75579
cg00538695	FGFR4;FGFR4;FGFR4	0.0177451	0.0378548	0.468676	-2.13367	0.0938076	0.559937	-1.78591	0.0399013	0.473529	-2.1118	0.162149	0.625162	-1.59959	0.000965498	0.212998	-4.69488
cg16326743	FGFR4;FGFR4;FGFR4	0.0338581	0.534788	0.752736	-1.32849	0.0284802	3.21606	3.21606	0.322859	0.630393	-1.58631	0.328548	1.57723	1.57723	0.00200494	0.139414	-7.17289
cg02044145	FGFR4;FGFR4;FGFR4	0.0339462	0.096704	0.723675	-1.38184	0.969758	1.00675	1.00675	0.349451	0.842966	-1.18629	0.106857	0.731814	-1.36647	0.00397054	0.503098	-1.98769
cg02891664	FGFRL1;FGFRL1	0.0205376	0.202249	0.720433	-1.38805	0.00184158	2.93652	2.93652	0.789311	1.0674	1.0674	0.0473117	0.575393	-1.73794	0.895521	0.968508	-1.03252
cg17814457	FGFRL1;FGFRL1	0.0324509	0.0448611	0.699743	-1.4291	0.745009	1.05191	1.05191	0.379497	0.869526	-1.15005	0.263912	0.834777	-1.19793	0.0425823	0.696238	-1.43629
cg16660345	FGFRL1;FGFRL1	0.0348818	0.211064	0.760542	-1.31485	0.638556	1.10327	1.10327	0.0427364	0.61598	-1.62343	0.00942331	0.504773	-1.98109	0.831902	0.956805	-1.04514
cg01947949	FGFRL1;FGFRL1	0.0418268	0.577512	1.58837	1.58837	0.0296291	0.115626	-8.64856	0.471229	0.547011	-1.82812	0.00217108	0.0238709	-41.892	0.586226	0.636413	-1.57131
cg02163322	FGFRL1;FGFRL1;FGFRL1	0.000882895	0.240582	0.830708	-1.20379	0.0366749	1.44264	1.44264	0.0479942	0.710882	-1.4067	0.285258	1.18241	1.18241	2.23E-05	0.276845	-3.61213
cg09218398	FGFRL1;FGFRL1;FGFRL1	0.000883213	0.433742	0.879441	-1.13709	1.30E-05	0.229435	-4.35853	0.72052	1.05948	1.05948	0.348832	0.856315	-1.16779	0.167183	0.78913	-1.26722
cg06839424	FGFRL1;FGFRL1;FGFRL1	0.00117601	0.138705	0.725821	-1.37775	0.988272	1.00296	1.00296	0.0202629	1.75553	1.75553	0.844244	0.961224	-1.04034	3.36E-05	0.1986	-5.03525
cg20695334	FGFRL1;FGFRL1;FGFRL1	0.00388027	0.01304	0.820338	-1.21901	0.0915311	0.887392	-1.1269	0.145674	0.904435	-1.10566	0.422344	0.948667	-1.05411	0.00758214	0.801861	-1.2471
cg00160522	FGFRL1;FGFRL1;FGFRL1	0.00484796	0.503291	1.16208	1.16208	0.00315259	2.44066	2.44066	0.0799686	1.53667	1.53667	0.259115	0.770778	-1.29739	0.00111275	0.34569	-2.89277
cg23039660	FGFRL1;FGFRL1;FGFRL1	0.00681729	0.497979	1.10931	1.10931	0.188391	0.810461	-1.23387	0.0532234	0.718086	-1.39259	0.407095	0.879965	-1.13641	0.00264545	0.534078	-1.87239
cg21039597	FGFRL1;FGFRL1;FGFRL1	0.0121761	0.402567	0.839274	-1.19151	0.550579	1.13148	1.13148	0.00712144	0.49115	-2.03604	?	?	?	0.00526751	0.471173	-2.12236
cg01443390	FGFRL1;FGFRL1;FGFRL1	0.0147861	0.136176	1.51123	1.51123	0.514698	1.18519	1.18519	0.181777	1.4398	1.4398	0.761911	0.924832	-1.08128	0.231502	0.724168	-1.3809
cg11411884	FGFRL1;FGFRL1;FGFRL1	0.0224519	0.0124423	0.631151	-1.58441	0.836714	0.969926	-1.03101	0.425409	0.886535	-1.12799	0.411206	1.13239	1.13239	0.000816535	0.473986	-2.10977
cg19121473	FGFRL1;FGFRL1;FGFRL1	0.0401491	0.446249	1.26725	1.26725	0.0129202	0.378366	-2.64294	0.0855594	0.555897	-1.79889	0.209207	1.50065	1.50065	0.0830316	0.552589	-1.80966
cg08844887	FGFRL1;FGFRL1;FGFRL1	0.0429591	0.34897	0.653147	-1.53105	0.315397	1.58186	1.58186	0.437108	0.704547	-1.41935	0.380475	0.67205	-1.48799	0.00419752	0.183763	-5.44179
cg02014217	FGFRL1;FGFRL1;FGFRL1	0.0468914	0.0421483	0.604802	-1.65343	0.27926	0.785356	-1.27331	0.0158153	0.529932	-1.88703	0.00956202	0.494196	-2.02349	0.641101	0.904079	-1.1061
cg21087260	FGG;FGG	0.000379433	0.000179097	0.175775	-5.68909	0.00100539	0.262466	-3.81002	0.0010708	0.266012	-3.75923	0.27766	0.733943	-1.3625	7.41E-05	0.139061	-7.19108
cg01593385	FGG;FGG	0.0379892	0.047557	0.325511	-3.07209	0.49471	0.709345	-1.40975	0.0911938	0.397964	-2.51279	0.842314	1.10368	1.10368	0.00210006	0.117322	-8.52354
cg13662778	FGG;FGG;FGG;FGG	5.01E-05	0.290463	1.24381	1.24381	0.359586	1.20603	1.20603	0.000413829	0.328106	-3.0478	0.000379762	0.323364	-3.09249	0.158126	0.740752	-1.34998
cg16747973	FGG;FGG;FGG;FGG	0.00417028	0.302435	0.660576	-1.51383	0.0725047	0.459407	-2.17672	0.0144219	0.310244	-3.22327	0.0135306	0.305353	-3.2749	0.00132128	0.163112	-6.13074
cg19773937	FGGY;FGGY	7.89E-06	4.27E-06	0.0513318	-19.4811	2.71E-05	0.0987972	-10.1217	2.08E-05	0.0906812	-11.0276	2.28E-05	0.093441	-10.7019	0.00546621	0.360067	-2.77726
cg14788673	FGGY;FGGY	4.46E-05	0.000204622	0.387623	-2.57982	2.40E-05	0.277438	-3.60441	1.91E-05	0.266267	-3.75563	7.18E-05	0.332392	-3.0085	0.00949318	0.606248	-1.64949
cg19245498	FGGY;FGGY	0.000818237	0.000335453	0.248282	-4.02767	0.0156776	0.489928	-2.04112	0.559824	1.15262	1.15262	0.185722	1.40215	1.40215	7.49E-05	0.176967	-5.65078
cg03219792	FGGY;FGGY	0.000837421	0.166398	0.724337	-1.38057	0.073493	0.646538	-1.5467	0.000143578	0.238839	-4.18693	0.733598	0.928057	-1.07752	5.93E-05	0.197134	-5.07268
cg23670353	FGGY;FGGY	0.000849335	0.00567299	0.262503	-3.80948	0.0129122	0.320593	-3.11922	0.00408158	0.241578	-4.13946	0.00267624	0.216516	-4.6186	0.000105258	0.080057	-12.4911
cg05757843	FGGY;FGGY	0.000941197	0.035289	1.46647	1.46647	6.27E-05	0.316238	-3.16218	0.0138075	0.62172	-1.60844	0.469696	0.891486	-1.12172	0.127218	1.2938	1.2938
cg09806485	FGGY;FGGY	0.0012973	0.290586	0.759367	-1.31689	0.268494	0.748816	-1.33544	0.126672	0.660568	-1.51385	0.293129	1.31484	1.31484	1.47E-05	0.10446	-9.57304
cg02915259	FGGY;FGGY	0.00546053	0.00390951	0.318483	-3.13988	0.0997339	0.58776	-1.70138	0.0291716	0.468995	-2.13222	0.0999972	0.588048	-1.70054	0.0118319	0.396204	-2.52395
cg06543055	FGGY;FGGY	0.00832152	0.0963689	2.08015	2.08015	0.3449	1.47742	1.47742	0.0641698	0.434098	-2.30363	0.0195054	3.10383	3.10383	0.0138302	0.295077	-3.38895
cg10220544	FGGY;FGGY	0.0106994	0.00988761	0.522113	-1.91529	0.984366	0.996101	-1.00391	0.860341	1.03573	1.03573	0.00177519	0.411784	-2.42846	0.446565	0.856689	-1.16728
cg27307757	FGGY;FGGY	0.0115721	0.593403	0.91855	-1.08867	0.0143126	1.60985	1.60985	0.1474	1.27772	1.27772	0.0887924	0.743838	-1.34438	0.504446	1.1127	1.1127
cg18108087	FGGY;FGGY	0.0148589	0.551079	1.11068	1.11068	0.695156	0.933754	-1.07095	0.420853	1.15387	1.15387	0.0813438	0.714437	-1.3997	0.928659	0.984536	-1.01571
cg17393296	FGGY;FGGY	0.0217507	0.73802	1.13425	1.13425	0.690776	0.860661	-1.1619	0.192376	1.67833	1.67833	0.349086	1.43583	1.43583	0.328094	0.684665	-1.46057
cg22866068	FGGY;FGGY	0.0269959	0.0272406	1.78185	1.78185	0.479555	0.853093	-1.1722	0.714149	0.921894	-1.08472	0.0766212	0.647024	-1.54554	0.171803	0.725018	-1.37928
cg02851034	FGGY;FGGY	0.0305513	0.60787	1.11273	1.11273	0.181009	1.3406	1.3406	0.430818	0.847083	-1.18052	0.391336	1.19873	1.19873	0.613189	0.900134	-1.11095
cg11425788	FGGY;FGGY	0.0436737	0.0456008	0.361522	-2.76608	0.0140283	0.260208	-3.84308	0.0214721	0.293414	-3.40815	0.660621	0.821925	-1.21666	0.0724566	0.410799	-2.43428
cg11157185	FGGY;FGGY	0.0458777	0.0695869	0.591314	-1.69115	0.112562	0.639419	-1.56392	0.157258	0.676002	-1.47929	0.131948	0.656435	-1.52338	0.0039008	0.365714	-2.73438
cg12549321	FGGY;FGGY;FGGY;FGGY	0.0314875	0.137762	0.676303	-1.47863	0.993509	0.998011	-1.00199	0.172125	1.42713	1.42713	0.921034	1.02456	1.02456	0.209893	0.723705	-1.38178
cg08627089	FGL1;FGL1;FGL1;FGL1	0.00166536	0.00131474	0.208645	-4.79283	0.00119011	0.203392	-4.91661	0.0107947	0.341865	-2.92513	0.120761	0.568935	-1.75767	0.000675564	0.17515	-5.70938
cg01871995	FGL1;FGL1;FGL1;FGL1	0.00173141	0.0793236	0.557223	-1.79461	0.0804886	0.558751	-1.78971	0.00300422	0.29475	-3.3927	0.747527	1.10182	1.10182	0.000712237	0.212741	-4.70055
cg10037521	FGR	0.0141973	0.00160583	0.385147	-2.59641	0.257228	0.779321	-1.28317	0.727278	0.92883	-1.07662	0.0244584	0.568215	-1.7599	0.00294677	0.42278	-2.36529
cg16922167	FGR	0.0180669	0.0227605	2.0786	2.0786	0.0101642	2.38721	2.38721	0.196038	1.4434	1.4434	0.56239	1.17025	1.17025	0.0565512	1.78502	1.78502
cg21115433	FGR	0.0250879	0.00600796	5.0322	5.0322	0.102674	2.23384	2.23384	0.162043	1.95809	1.95809	0.255224	1.70683	1.70683	0.0701241	2.48763	2.48763
cg13448978	FGR	0.02697	0.046273	6.27311	6.27311	0.0174913	10.2386	10.2386	0.220101	2.82068	2.82068	0.24443	2.66276	2.66276	0.0518255	5.92797	5.92797
cg00065048	FGR	0.0286035	0.0317895	0.526149	-1.9006	0.109672	0.640823	-1.56049	0.00809543	0.420934	-2.37567	0.0783726	0.60717	-1.64699	0.0100232	0.436281	-2.2921
cg09845000	FGR	0.0302463	0.0318499	0.575184	-1.73857	0.311733	1.25872	1.25872	0.0169978	0.527337	-1.89632	0.752299	1.0721	1.0721	0.00410344	0.428873	-2.33169
cg00404394	FGR	0.0332526	0.0934453	1.45989	1.45989	0.167332	1.35235	1.35235	0.388694	1.19861	1.19861	0.395765	1.19524	1.19524	0.00282876	0.430336	-2.32377
cg08885657	FGR	0.0356599	0.0668534	0.548226	-1.82406	0.447459	0.79731	-1.25422	0.0754658	0.56048	-1.78419	0.00438698	0.328576	-3.04344	0.00413506	0.324673	-3.08002
cg14181576	FGR	0.0461862	0.0496657	14.0219	14.0219	0.0771142	10.1531	10.1531	0.213986	4.67836	4.67836	0.134501	6.7055	6.7055	0.0284077	21.1273	21.1273
cg09370867	FGR;FGR	0.0294174	0.071773	3.67211	3.67211	0.0176315	6.4766	6.4766	0.110991	3.07568	3.07568	0.180865	2.50753	2.50753	0.101505	3.19033	3.19033
cg11254522	FGR;FGR;FGR	0.000912952	0.189703	0.847421	-1.18005	0.00104846	0.561037	-1.78241	8.29E-05	0.429715	-2.32712	0.00540126	0.646322	-1.54722	0.476469	0.917332	-1.09012
cg23167456	FGR;FGR;FGR	0.00682735	0.0699604	2.75375	2.75375	0.000744967	12.9239	12.9239	0.184405	2.02152	2.02152	0.107923	2.40353	2.40353	0.706933	1.20783	1.20783
cg22124648	FGR;FGR;FGR	0.00790217	0.0236957	3.40875	3.40875	0.020873	3.53464	3.53464	0.0870332	2.35879	2.35879	0.0584584	2.6403	2.6403	0.326154	1.58466	1.58466
cg03018771	FGR;FGR;FGR	0.0102288	0.0151409	0.344576	-2.90211	0.754705	0.894135	-1.1184	0.028169	0.396353	-2.523	0.391205	0.730774	-1.36841	0.000466958	0.140263	-7.12948
cg13184177	FGR;FGR;FGR	0.0137085	0.398748	1.58582	1.58582	0.00570739	6.9211	6.9211	0.680001	1.24777	1.24777	0.0731877	2.90497	2.90497	0.0577207	0.318129	-3.14338
cg06354519	FGR;FGR;FGR	0.0168912	0.727073	0.909099	-1.09999	0.0452014	1.86811	1.86811	0.252713	0.722576	-1.38394	0.410883	1.25698	1.25698	0.294727	1.34388	1.34388
cg12465678	FGR;FGR;FGR	0.0178387	0.0116934	0.422064	-2.36931	0.0770405	0.583733	-1.71311	0.00436514	0.352546	-2.83651	0.0741035	0.579866	-1.72453	0.00593323	0.373337	-2.67854
cg24335600	FH	0.0027649	0.316099	0.861073	-1.16134	0.66758	0.939553	-1.06434	0.621795	1.0744	1.0744	0.12183	0.785043	-1.27382	0.22835	0.83322	-1.20016
cg17895289	FH	0.0129822	0.590737	1.20941	1.20941	0.605714	0.833292	-1.20006	0.59351	1.20766	1.20766	0.402903	1.34958	1.34958	0.924937	1.03356	1.03356
cg27317576	FH	0.0295946	0.381206	0.93435	-1.07026	0.0472872	0.842317	-1.1872	0.94853	0.995131	-1.00489	0.0956563	1.14841	1.14841	0.935539	0.993903	-1.00613
cg10055277	FHAD1	0.000495831	0.000622178	0.403415	-2.47884	0.495889	1.12663	1.12663	0.431175	0.870627	-1.1486	0.839468	1.03559	1.03559	0.000137156	0.320686	-3.11832
cg06536159	FHAD1	0.00194667	0.0539828	0.629902	-1.58755	0.410286	0.837016	-1.19472	0.167982	0.733104	-1.36406	0.0400512	0.605706	-1.65097	0.019763	0.551696	-1.81259
cg17750038	FHAD1	0.00609958	0.0201913	0.544873	-1.83529	0.347928	1.23303	1.23303	0.400257	0.829745	-1.20519	0.201944	0.746733	-1.33917	0.000180626	0.253178	-3.94979
cg24038105	FHAD1	0.0111525	0.00481804	0.418662	-2.38856	0.849875	1.0451	1.0451	0.0125639	0.485467	-2.05987	0.00401998	0.406676	-2.45896	0.116144	0.671983	-1.48813
cg06838175	FHAD1	0.0114967	0.0121144	0.617914	-1.61835	0.0178762	0.642068	-1.55747	0.00750918	1.69829	1.69829	0.016302	0.6363	-1.57159	0.194043	0.809371	-1.23553
cg17944001	FHAD1	0.0138013	0.727533	1.02959	1.02959	0.150114	0.879328	-1.13723	0.566177	0.95281	-1.04953	0.164838	1.13147	1.13147	0.857379	0.985117	-1.01511
cg13234882	FHAD1	0.0138707	0.956077	1.02419	1.02419	0.879699	0.936378	-1.06794	0.238148	0.584913	-1.70966	0.633433	0.811776	-1.23187	0.000315779	0.0794146	-12.5922
cg04850284	FHAD1	0.014076	0.0600381	0.79362	-1.26005	0.0603282	1.25964	1.25964	0.0467556	1.28155	1.28155	0.00671254	0.681772	-1.46677	0.0214137	1.35147	1.35147
cg11799650	FHAD1	0.0152082	0.00234854	0.383428	-2.60805	0.42082	0.830523	-1.20406	0.329989	0.796929	-1.25482	0.194892	0.733737	-1.36289	0.120911	0.684017	-1.46195
cg10515414	FHAD1	0.0201954	0.0694265	1.39916	1.39916	0.039059	1.48436	1.48436	0.0510704	0.692504	-1.44404	0.433426	1.14133	1.14133	0.0458333	0.684853	-1.46017
cg00582948	FHAD1	0.0237267	0.343631	0.639056	-1.56481	0.0230439	0.287215	-3.48171	0.00239638	0.143442	-6.97146	0.868154	1.07924	1.07924	0.263727	0.585829	-1.70698
cg15097634	FHAD1	0.0344098	0.00100676	0.38909	-2.5701	0.847019	1.03806	1.03806	0.193516	0.766377	-1.30484	0.384432	0.841588	-1.18823	0.225163	0.781637	-1.27937
cg11395890	FHAD1	0.0387089	0.00544886	0.133033	-7.51692	0.804513	0.872125	-1.14662	0.171643	0.448034	-2.23197	0.183422	0.458991	-2.17869	0.12027	0.394631	-2.53401
cg14022778	FHAD1	0.0434239	0.661282	1.24795	1.24795	0.00634111	5.96203	5.96203	0.0403329	3.28689	3.28689	0.485273	1.42798	1.42798	0.0478442	0.320892	-3.11632
cg24312986	FHDC1	2.18E-05	0.855638	1.03257	1.03257	0.0016542	0.45271	-2.20892	0.00267879	0.481644	-2.07622	3.99E-05	0.25106	-3.98311	6.25E-07	0.0903582	-11.0671
cg07097184	FHDC1	0.000745774	0.000507572	0.193896	-5.15739	0.010656	0.379231	-2.63691	0.000867389	0.221065	-4.52355	0.00461475	0.320347	-3.12161	0.000675099	0.208088	-4.80566
cg24019731	FHDC1	0.00080445	0.309671	0.74269	-1.34646	0.0766551	0.572808	-1.74579	0.828832	0.940574	-1.06318	0.0226095	0.461863	-2.16515	6.69E-05	0.126543	-7.90246
cg01674130	FHDC1	0.00917754	0.00409435	0.465436	-2.14852	0.0423392	0.628604	-1.59083	0.00429409	0.468489	-2.13452	0.361065	0.829933	-1.20492	0.0041417	0.466172	-2.14513
cg01189011	FHDC1	0.0113387	0.00238237	0.266789	-3.74828	0.428527	0.777111	-1.28682	0.339399	0.735492	-1.35963	0.0477641	0.49352	-2.02626	0.0204678	0.418397	-2.39007
cg02540307	FHDC1	0.0137579	0.247532	0.782127	-1.27856	0.305224	0.805902	-1.24085	0.00222698	0.418652	-2.38862	0.221753	1.29827	1.29827	0.430128	0.849006	-1.17785
cg22743617	FHDC1	0.0145884	0.0131745	0.258662	-3.86605	0.0581396	0.38979	-2.56548	0.59302	0.78871	-1.26789	0.249307	0.588747	-1.69852	0.000478008	0.0896377	-11.156
cg26236274	FHDC1	0.0336881	0.11774	0.669673	-1.49327	0.118541	0.670356	-1.49175	0.00449489	0.409029	-2.44481	0.194607	0.723357	-1.38244	0.00343868	0.391453	-2.55458
cg15238012	FHIT;FHIT	0.00082872	0.0186478	0.559365	-1.78774	0.00534421	0.473538	-2.11176	0.0497375	0.633812	-1.57776	0.00730113	2.02341	2.02341	0.000135881	0.26042	-3.83995
cg17087356	FHIT;FHIT	0.00141678	0.00545073	0.641121	-1.55977	0.000727919	1.86767	1.86767	0.526654	0.92496	-1.08113	0.00149136	1.74531	1.74531	0.12418	0.816738	-1.22438
cg12452608	FHIT;FHIT	0.00177611	0.431531	0.8194	-1.2204	0.743899	1.08474	1.08474	0.0223395	0.507008	-1.97236	0.989291	0.996676	-1.00334	0.000469863	0.255698	-3.91086
cg10239071	FHIT;FHIT	0.00204924	0.0668468	1.42131	1.42131	0.000886547	0.426442	-2.34498	0.00128177	0.447811	-2.23308	0.129487	0.755555	-1.32353	0.907375	1.02012	1.02012
cg24295653	FHIT;FHIT	0.00365648	0.0128225	0.325616	-3.0711	0.00131829	0.183318	-5.455	0.00910634	0.300344	-3.32951	0.987836	0.994481	-1.00555	0.0322719	0.40246	-2.48472
cg00721771	FHIT;FHIT	0.00396748	0.568556	0.916806	-1.09074	0.00403267	0.558683	-1.78992	0.401394	1.13821	1.13821	0.623284	0.928095	-1.07748	0.000516937	0.441997	-2.26246
cg23737061	FHIT;FHIT	0.00422525	0.0172704	0.445043	-2.24698	0.75129	0.91507	-1.09281	0.687007	0.893094	-1.1197	0.443287	0.803976	-1.24382	0.000341281	0.199839	-5.00403
cg19574488	FHIT;FHIT	0.00510578	0.341889	0.839155	-1.19168	0.163183	1.30541	1.30541	0.0476729	1.50009	1.50009	0.0521724	1.48512	1.48512	0.00269235	0.475878	-2.10138
cg19282443	FHIT;FHIT	0.00561062	0.616639	0.918197	-1.08909	0.00459659	0.52844	-1.89236	0.0105285	0.580297	-1.72325	0.786931	0.955223	-1.04688	0.0852426	1.37951	1.37951
cg08195983	FHIT;FHIT	0.00722669	0.0389022	2.787	2.787	0.0324522	2.92512	2.92512	0.0776058	2.31837	2.31837	0.250081	1.67406	1.67406	0.41367	1.43082	1.43082
cg25736251	FHIT;FHIT	0.0084806	0.0279419	7.41155	7.41155	0.00189308	29.8297	29.8297	0.0368052	6.49182	6.49182	0.143779	3.35801	3.35801	0.261503	2.46716	2.46716
cg02854288	FHIT;FHIT	0.0106196	0.104638	0.91053	-1.09826	0.0165494	1.16731	1.16731	0.0472604	1.12745	1.12745	0.0398161	0.881983	-1.13381	0.789771	0.985979	-1.01422
cg12030002	FHIT;FHIT	0.0126503	0.215351	1.23584	1.23584	0.0293397	1.51703	1.51703	0.00033929	2.55356	2.55356	0.754657	1.05222	1.05222	0.960547	1.00806	1.00806
cg22533480	FHIT;FHIT	0.0134685	0.0455908	0.359252	-2.78356	0.00126563	0.12234	-8.17396	0.113681	0.463648	-2.15681	0.476351	0.723683	-1.38182	0.0217632	0.292322	-3.42089
cg10131075	FHIT;FHIT	0.0139096	0.0155059	0.334125	-2.99289	0.0123058	0.316308	-3.16148	0.104609	0.519463	-1.92506	0.583087	1.22712	1.22712	0.0148678	0.330828	-3.02272

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00250743	0.138867	0.69256	-1.44392	9.87E-05	0.203059	-4.92467	0.0735805	1.58404	1.58404	0.000339499	0.264141	-3.78586	21.0932	17.7635	0.748574	1
cg01240724	0.706254	0.912699	-1.09565	8.64E-05	5.47381	5.47381	0.149531	1.45182	1.45182	0.0247708	1.90563	1.90563	7.8845	7.26856	0.819449	1
cg25294906	0.00597792	1.45343	1.45343	0.0326147	1.29721	1.29721	0.128712	0.842945	-1.18632	0.307425	0.895887	-1.11621	6.37138	1.09264	0.152437	1
ch.10.2610459	0.528565	0.718591	-1.39161	0.556956	0.735303	-1.35998	0.0435153	0.30075	-3.32503	0.586941	0.752826	-1.32833	5.46841	23.2016	3.77141	1
cg09820865	0.729902	1.07252	1.07252	0.00310929	2.26368	2.26368	0.104334	0.698619	-1.4314	0.762922	0.940721	-1.06301	5.45488	3.525	0.574409	1
cg07062338	0.0398154	0.550823	-1.81547	0.907685	0.971311	-1.02954	0.283774	0.756212	-1.32238	0.21617	0.721373	-1.38624	4.59854	4.58587	0.88644	1
cg16499947	0.262221	1.39448	1.39448	0.00128725	3.79802	3.79802	0.015372	2.33049	2.33049	0.27225	1.3841	1.3841	4.10692	5.26244	1.13899	1
cg17235897	0.150477	0.539308	-1.85423	0.789279	0.898242	-1.11329	0.828721	1.09068	1.09068	0.280747	0.638145	-1.56704	3.67421	9.34075	2.25977	1
cg13175830	0.103747	2.47118	2.47118	0.0962446	2.53142	2.53142	0.010394	5.16001	5.16001	0.420271	1.52001	1.52001	3.58446	14.6796	3.64032	1
cg14856220	0.0559052	2.19936	2.19936	0.00224123	4.74611	4.74611	0.0048954	3.88492	3.88492	0.0310761	2.51186	2.51186	7.15133	15.0005	1.86452	1
cg10362842	0.0810922	2.09016	2.09016	0.0117679	3.31804	3.31804	0.088796	2.04533	2.04533	0.096872	2.00308	2.00308	6.30706	14.5151	2.0457	1
cg12835048	0.784422	1.05775	1.05775	0.022372	0.571035	-1.75121	0.23912	1.28712	1.28712	0.546522	1.13308	1.13308	5.44342	3.61386	0.590128	1
cg00730832	0.000871211	4.37661	4.37661	0.00293189	3.34628	3.34628	0.00374002	3.18101	3.18101	0.0595937	1.87466	1.87466	14.3676	19.8814	1.23002	1
cg10788901	0.0278224	2.56825	2.56825	0.00197327	4.88522	4.88522	0.0122801	3.10024	3.10024	0.0346816	2.44328	2.44328	6.51264	13.5761	1.85295	1
cg21608500	0.0896654	0.729271	-1.37123	3.86E-05	0.264238	-3.78447	0.651364	1.07978	1.07978	0.0747	0.715339	-1.39794	23.5197	10.6059	0.400832	1
cg22519233	0.000211336	0.344806	-2.90018	5.08E-05	0.271086	-3.68887	0.0523229	1.4614	1.4614	0.977199	0.995099	-1.00493	14.6784	6.87069	0.416074	1
cg04902458	0.238539	1.26345	1.26345	0.0214585	0.592512	-1.68773	0.00223418	2.25027	2.25027	0.0541298	1.51294	1.51294	11.7827	6.69639	0.505175	1
cg17269277	0.165222	2.40826	2.40826	0.131795	2.62708	2.62708	0.392747	1.68177	1.68177	0.219288	2.15339	2.15339	9.99397	55.8012	4.9631	1
cg23286903	0.096173	1.13183	1.13183	0.00132396	0.728653	-1.3724	0.991639	0.99929	-1.00071	0.0196702	0.826132	-1.21046	7.6049	0.553373	0.0646802	1
cg04742135	0.00651254	3.89656	3.89656	0.00492442	4.19068	4.19068	0.0510443	2.35091	2.35091	0.00350004	4.58937	4.58937	6.71541	15.7369	2.08302	1
cg02350535	0.00925047	1.8695	1.8695	0.001089	2.49176	2.49176	0.252725	0.797488	-1.25394	0.0213514	1.68867	1.68867	6.19023	3.51753	0.505101	1
cg03874978	0.0234899	1.53209	1.53209	0.115281	1.30991	1.30991	0.0073856	1.72327	1.72327	0.00481083	1.80365	1.80365	5.80599	2.28573	0.349942	1
cg19207803	0.630106	1.05864	1.05864	0.173599	1.18533	1.18533	0.378337	0.899295	-1.11198	0.472888	0.917838	-1.08952	3.92118	0.856447	0.194147	1
cg13572539	0.229959	0.83387	-1.19923	0.00153497	0.518128	-1.93003	0.924776	0.98647	-1.01372	0.226042	0.832463	-1.20126	3.71368	1.2237	0.2929	1
cg17475304	0.162046	0.521428	-1.91781	0.0341566	0.340216	-2.93931	0.0819398	0.431395	-2.31806	0.305186	0.629316	-1.58903	5.18733	15.63	2.67832	1
cg00538695	0.019249	0.410172	-2.438	0.0187957	0.408229	-2.44961	0.947672	1.02087	1.02087	0.110353	0.578316	-1.72916	4.89855	7.68493	1.39451	1
cg16326743	0.322598	0.630226	-1.58673	0.435986	1.43204	1.43204	0.788511	1.12917	1.12917	0.544434	0.757904	-1.31943	3.91374	12.6554	2.8743	1
cg02044145	0.0272975	1.5892	1.5892	0.29281	1.21357	1.21357	0.650601	1.08423	1.08423	0.468529	0.877386	-1.13975	3.91007	1.94801	0.442848	1
cg02891664	0.818521	0.945564	-1.05757	0.0145727	0.480578	-2.08083	0.897895	0.969217	-1.03176	0.659519	0.897644	-1.11403	4.6623	4.37989	0.835047	1
cg17814457	0.23652	0.825027	-1.21208	0.00126445	0.482072	-2.07438	0.460522	1.12357	1.12357	0.131874	0.777087	-1.28686	3.97391	1.51352	0.338547	1
cg16660345	0.549598	0.88182	-1.13402	0.0243462	0.572669	-1.74621	0.356808	0.821295	-1.21759	0.0292961	1.70467	1.70467	3.87187	2.64617	0.607498	1
cg01947949	?	?	?	0.663774	1.43252	1.43252	0.482751	1.7988	1.7988	0.902519	0.904289	-1.10584	4.00705	37.2235	8.12831	1
cg02163322	0.103301	1.30864	1.30864	0.0336834	0.687651	-1.45423	0.250426	0.834182	-1.19878	0.0597405	0.725626	-1.37812	12.1886	4.39934	0.320835	1
cg09218398	0.932991	1.01362	1.01362	0.017809	1.58935	1.58935	0.0931667	0.743013	-1.34587	0.989635	0.997913	-1.00209	12.1874	4.99268	0.364143	1
cg06839424	0.0247385	0.584198	-1.71175	0.161971	1.35016	1.35016	0.0927942	1.4504	1.4504	0.815532	0.954101	-1.04811	11.2363	7.19362	0.569075	1
cg20695334	0.00301141	0.769886	-1.29889	0.679199	1.0271	1.0271	0.0121757	1.22248	1.22248	0.00180132	0.751684	-1.33035	7.92469	0.518867	0.0581997	1
cg00160522	0.0495811	0.609316	-1.64118	0.317063	1.25699	1.25699	0.812637	1.05391	1.05391	0.0420968	1.67848	1.67848	7.40804	5.73763	0.688457	1
cg23039660	0.933639	0.987521	-1.01264	0.000317429	0.415062	-2.40928	0.849897	0.971837	-1.02898	0.0276068	0.675192	-1.48106	6.66985	2.40177	0.320083	1
cg21039597	0.355453	0.823306	-1.21462	0.0025015	0.423571	-2.36088	0.0368605	0.60902	-1.64198	0.867535	1.03473	1.03473	5.65554	3.33103	0.588985	1
cg01443390	0.229375	0.722995	-1.38313	0.512749	0.843062	-1.18615	0.133409	1.51637	1.51637	0.000538873	0.250533	-3.99149	5.20535	5.45199	0.931006	1
cg11411884	0.157357	0.799527	-1.25074	0.311655	0.856524	-1.16751	0.52865	1.09905	1.09905	0.941407	0.989182	-1.01094	4.52225	1.56802	0.308209	1
cg19121473	0.00773795	0.338371	-2.95533	0.17024	0.638501	-1.56617	0.983412	1.00634	1.00634	0.632494	1.15803	1.15803	4.01648	5.76168	1.11573	1
cg08844887	0.163107	1.93026	1.93026	0.0171503	0.277133	-3.60837	0.512924	0.745915	-1.34063	0.125986	0.481233	-2.078	3.58712	11.0876	2.74751	1
cg02014217	0.458268	1.17612	1.17612	0.118155	1.43966	1.43966	0.50657	0.865243	-1.15575	0.363235	0.818152	-1.22227	3.47144	2.53648	0.649487	1
cg21087260	0.0846734	0.593043	-1.68622	0.340936	0.764232	-1.3085	0.00282256	0.324	-3.08642	0.000420941	0.216237	-4.62455	15.4229	18.3372	1.05685	1
cg01593385	0.0295172	0.281019	-3.55847	0.0563504	0.342947	-2.9159	0.0812445	0.383938	-2.60458	0.2515	0.552477	-1.81003	3.75353	14.5819	3.4532	1
cg13662778	0.0188528	1.76076	1.76076	2.17E-06	0.0993234	-10.0681	0.00118133	0.388248	-2.57567	0.0082179	0.510476	-1.95896	26.6122	16.6701	0.556806	1
cg16747973	0.00560876	0.243781	-4.10204	0.000925087	0.146578	-6.82232	0.00604887	0.248657	-4.0216	0.0102522	0.284791	-3.51134	7.75432	18.5021	2.12093	1
cg19773937	3.57E-05	0.107599	-9.29378	2.70E-06	0.0426649	-23.4385	0.0676583	0.564249	-1.77227	8.82E-05	0.140316	-7.12676	43.1446	53.4001	1.10018	1
cg14788673	0.0055399	0.574019	-1.7421	2.12E-05	0.271425	-3.68426	0.00150304	0.498253	-2.00701	0.000870968	0.467363	-2.13966	27.4376	10.0787	0.326518	1
cg19245498	0.796143	0.939542	-1.06435	0.003872	0.391713	-2.55289	0.272704	0.759574	-1.31653	0.0120199	0.470198	-2.12676	12.4528	11.4441	0.816883	1
cg03219792	0.247621	0.767835	-1.30236	0.0711792	1.55346	1.55346	0.688296	1.09214	1.09214	0.627438	0.898624	-1.11281	12.3718	9.35926	0.672446	1
cg23670353	0.014747	0.330834	-3.02266	0.00057666	0.140397	-7.12265	0.00329834	0.228686	-4.37281	0.0015153	0.185675	-5.38576	12.3226	26.5127	1.91249	1
cg05757843	0.654252	1.07294	1.07294	0.00281577	1.90149	1.90149	0.323595	1.17259	1.17259	0.624776	0.925909	-1.08002	11.9703	4.6236	0.343339	1
cg09806485	0.391198	1.24669	1.24669	0.087815	0.623208	-1.6046	0.507397	0.844682	-1.18388	0.062348	0.590643	-1.69307	10.9256	10.8998	0.886796	1
cg02915259	0.134124	0.621329	-1.60945	0.000198809	0.158668	-6.30247	0.185274	0.661115	-1.5126	0.0172549	0.425467	-2.35036	7.14333	9.8178	1.22169	1
cg06543055	0.176682	1.77924	1.77924	0.00489582	4.46398	4.46398	0.0248875	2.91848	2.91848	0.0509265	2.44028	2.44028	6.26587	15.9726	2.26591	1
cg10220544	0.479616	0.866512	-1.15405	0.572122	0.892422	-1.12055	0.238807	1.27886	1.27886	0.00179703	0.412528	-2.42408	5.78387	3.64125	0.559603	1
cg27307757	0.101057	0.753451	-1.32723	0.100927	0.753355	-1.3274	0.00137697	2.07832	2.07832	0.858177	1.0286	1.0286	5.63944	2.21978	0.349882	1
cg18108087	0.124957	0.748969	-1.33517	0.250349	1.23252	1.23252	0.000414887	2.65085	2.65085	0.645313	1.08401	1.08401	5.19691	2.49312	0.426428	1
cg17393296	0.606468	1.21531	1.21531	0.495815	0.771417	-1.29631	0.000432888	8.07352	8.07352	0.38525	0.716011	-1.39663	4.57177	10.1972	1.98263	1
cg22866068	0.042202	0.596093	-1.67759	0.00648376	2.18647	2.18647	0.982644	1.00482	1.00482	0.381785	1.21932	1.21932	4.24189	3.28303	0.68796	1
cg02851034	0.258879	1.27522	1.27522	0.00141923	2.59356	2.59356	0.515739	0.87283	-1.1457	0.0521238	0.633834	-1.5777	4.06046	2.73939	0.59969	1
cg11425788	0.126137	0.479737	-2.08448	0.00853736	0.225475	-4.43508	0.0423831	0.354303	-2.82244	0.539589	0.75907	-1.3174	3.56515	11.124	2.77351	1
cg11157185	0.00930146	0.42563	-2.34946	0.19686	0.702422	-1.42364	0.092585	0.619308	-1.61471	0.0722558	0.594917	-1.68091	3.50008	3.71506	0.943483	1
cg12549321	0.00866537	0.440945	-2.26786	0.0156431	0.484237	-2.0651	0.0382712	1.79963	1.79963	0.604175	0.87987	-1.13653	4.017	3.80988	0.843056	1
cg08627089	0.0141554	0.362518	-2.75849	0.000537756	0.164533	-6.0778	0.975842	1.0102	1.0102	0.0435773	0.459439	-2.17657	10.1681	18.0916	1.58155	1
cg01871995	0.000444642	0.189354	-5.28112	0.000670852	0.209678	-4.76923	0.115364	0.598138	-1.67185	0.0125264	0.393567	-2.54087	10.0543	14.3534	1.26896	1
cg10037521	0.196324	0.749689	-1.33389	0.122549	0.702687	-1.42311	0.0101391	0.504658	-1.98154	0.084879	0.669119	-1.4945	5.27555	3.71518	0.625979	1
cg16922167	0.0163874	2.19791	2.19791	0.00201324	3.22097	3.22097	0.0145719	2.2426	2.2426	0.200085	1.43812	1.43812	4.86905	5.55648	1.01438	1
cg21115433	0.093036	2.2972	2.2972	0.00415186	5.63738	5.63738	0.0071312	4.77863	4.77863	0.0650438	2.54064	2.54064	4.35191	13.963	2.85198	1
cg13448978	0.0362607	7.08605	7.08605	0.00358784	23.8546	23.8546	0.0079597	15.4292	15.4292	0.100996	4.23987	4.23987	4.24332	43.4711	9.10631	1
cg00065048	0.302789	0.761567	-1.31308	0.00465431	0.382751	-2.61267	0.512654	0.844143	-1.18463	0.107734	0.638979	-1.565	4.15641	4.28619	0.916645	1
cg09845000	0.503239	0.861256	-1.1611	0.272774	0.77805	-1.28526	0.197365	1.34934	1.34934	0.202252	0.743775	-1.34449	4.07498	3.11989	0.680552	1
cg00404394	0.417287	1.18529	1.18529	0.0469001	1.59439	1.59439	0.237701	1.28872	1.28872	0.863815	0.965408	-1.03583	3.93924	2.62363	0.592022	1
cg08885657	0.111449	0.602167	-1.66067	0.295904	0.728261	-1.37313	0.0793488	0.565645	-1.76789	0.0886587	0.577264	-1.73231	3.84105	5.20677	1.20494	1
cg14181576	0.0728674	10.5855	10.5855	0.00686462	62.0598	62.0598	0.0154591	33.2315	33.2315	0.0596746	12.2575	12.2575	3.49129	76.8942	19.5774	1
cg09370867	0.0433753	4.49663	4.49663	0.00239796	15.4444	15.4444	0.0145334	7.01421	7.01421	0.0899713	3.35105	3.35105	4.11536	27.2892	5.89428	1
cg11254522	0.11802	1.2242	1.2242	0.0596406	1.28831	1.28831	0.481946	0.918345	-1.08891	0.00625675	0.654019	-1.52901	12.0739	2.71626	0.199974	1
cg23167456	0.12702	2.28205	2.28205	0.00346711	7.26934	7.26934	0.00261208	8.03703	8.03703	0.00974913	5.12509	5.12509	6.66679	26.3891	3.51848	1
cg22124648	0.0540034	2.70001	2.70001	0.000759924	10.1487	10.1487	0.00332407	6.14308	6.14308	0.00522875	5.32823	5.32823	6.36875	20.8008	2.90318	1
cg03018771	0.334175	0.700745	-1.42705	0.0875577	0.51001	-1.96075	0.00706868	0.288572	-3.46534	0.0374084	0.422185	-2.36863	5.86796	11.846	1.79445	1
cg13184177	0.530235	1.40403	1.40403	0.0169121	4.73551	4.73551	0.00943394	5.78973	5.78973	0.0103062	5.61386	5.61386	5.33663	24.0761	4.01021	1
cg06354519	0.44435	1.23625	1.23625	0.000981551	0.263711	-3.79203	0.0437165	0.532288	-1.87868	0.900172	0.966443	-1.03472	4.98016	5.83458	1.04139	1
cg12465678	0.74048	0.913009	-1.09528	0.0486122	0.539696	-1.8529	0.102084	0.612677	-1.63218	0.00902262	0.40297	-2.48157	4.8899	5.80586	1.05539	1
cg24335600	0.388593	0.88028	-1.136	0.000115807	0.37711	-2.65175	0.304472	1.16587	1.16587	0.000687747	0.473317	-2.11275	8.76763	2.89184	0.293184	1
cg17895289	0.641476	0.848541	-1.17849	0.000213399	0.114625	-8.72407	0.0638891	0.482179	-2.07392	0.638576	0.847311	-1.1802	5.43258	10.5537	1.72682	1
cg27317576	0.00128231	0.701223	-1.42608	0.387709	0.935255	-1.06923	0.410978	1.06563	1.06563	0.633223	1.03702	1.03702	4.10661	0.371767	0.0804702	1
cg10055277	0.00413465	0.515272	-1.94072	9.84E-05	0.303392	-3.29606	0.0060117	0.538491	-1.85704	0.0244812	0.629936	-1.58746	14.3237	6.74544	0.418602	1
cg06536159	0.00594048	0.467596	-2.1386	9.55E-05	0.230462	-4.33911	0.00267464	0.415934	-2.40423	0.00151389	0.38084	-2.62577	9.71808	6.8712	0.628492	1
cg17750038	0.321409	1.24863	1.24863	0.144064	1.40519	1.40519	0.140958	0.70948	-1.40948	0.907222	0.975046	-1.02559	6.90397	5.13722	0.661418	1
cg24038105	0.236998	1.33433	1.33433	0.0165696	0.505928	-1.97656	0.0535598	0.600256	-1.66595	0.0327458	0.559008	-1.78888	5.70713	4.899	0.763022	1
cg06838175	0.687101	1.06431	1.06431	0.897913	1.01995	1.01995	0.0258109	0.665368	-1.50293	0.366668	0.866972	-1.15344	5.65139	2.1206	0.333542	1
cg17944001	0.712136	0.969579	-1.03138	0.00083709	1.52036	1.52036	0.302189	0.914758	-1.09319	0.0151154	0.779701	-1.28254	5.32483	0.58597	0.0978175	1
cg13234882	0.131427	0.493206	-2.02755	0.546225	1.3035	1.3035	0.0124348	0.259204	-3.85796	0.668186	0.829313	-1.20582	5.31607	15.8608	2.65205	1
cg04850284	0.0415001	1.29194	1.29194	0.754357	1.03479	1.03479	0.264762	1.13502	1.13502	0.239871	1.1435	1.1435	5.29046	0.994782	0.167141	1
cg11799650	0.14381	0.701434	-1.42565	0.617383	1.12044	1.12044	0.000846993	0.322138	-3.10426	0.892139	0.96983	-1.03111	5.15713	4.16444	0.717789	1
cg10515414	0.871604	1.02711	1.02711	0.0215119	0.633401	-1.57878	0.526183	0.899234	-1.11206	0.0162646	0.615112	-1.62572	4.68904	2.03096	0.385003	1
cg00582948	0.214318	0.548784	-1.82221	0.00292097	0.15309	-6.53209	0.285573	0.601061	-1.66372	0.132741	0.47496	-2.10544	4.43694	14.8034	2.96568	1
cg15097634	0.412781	1.17579	1.17579	0.115624	0.718368	-1.39204	0.0459091	0.642431	-1.55659	0.274663	0.802672	-1.24584	3.89098	2.30481	0.526531	1
cg11395890	0.965526	1.02413	1.02413	0.095809	0.36448	-2.74364	0.00320611	0.108657	-9.20326	0.157861	0.434694	-2.30047	3.72782	17.9717	4.28531	1
cg14022778	0.213513	1.93112	1.93112	0.624524	1.28124	1.28124	0.132446	0.442337	-2.26072	0.745714	1.1776	1.1776	3.57278	14.2825	3.55342	1
cg24312986	0.750838	1.05767	1.05767	0.000142242	0.31513	-3.17329	0.619103	0.915571	-1.09221	0.00486796	0.518392	-1.92904	33.1354	16.2575	0.436123	1
cg07097184	0.97081	0.989011	-1.01111	0.00128604	0.242432	-4.12487	0.621518	1.16216	1.16216	0.00081795	0.217984	-4.5875	12.7818	18.4615	1.28388	1
cg24019731	0.000254959	0.181816	-5.50008	0.000794339	0.238368	-4.1952	0.795916	1.0761	1.0761	0.0246487	0.469009	-2.13216	12.5125	15.8668	1.12718	1
cg01674130	0.0128254	0.541376	-1.84714	0.721297	0.931353	-1.07371	0.828258	0.957783	-1.04408	0.00588724	0.488953	-2.04519	6.07457	3.79235	0.554932	1
cg01189011	0.342378	0.736968	-1.35691	0.00113278	0.2244	-4.45633	0.329169	0.730372	-1.36917	0.0100466	0.362869	-2.75581	5.67671	8.75158	1.37037	1
cg02540307	0.232311	1.28994	1.28994	0.00307425	0.438797	-2.27896	0.213376	1.30517	1.30517	0.169644	0.742786	-1.34628	5.33033	3.48762	0.581597	1
cg22743617	0.232435	0.576405	-1.73489	0.0313937	0.329333	-3.03644	0.450244	0.712852	-1.40282	0.028126	0.319536	-3.12953	5.22853	16.0295	2.72514	1
cg26236274	0.555845	0.868823	-1.15098	0.66838	0.903289	-1.10706	0.0542522	0.597161	-1.67459	0.0615303	0.608289	-1.64395	3.92084	3.45932	0.784257	1
cg15238012	0.0292139	0.592476	-1.68783	0.0124834	0.530883	-1.88366	0.622373	0.903815	-1.10642	0.000821306	0.358081	-2.79266	12.4082	8.15627	0.58429	1
cg17087356	0.0186675	1.41435	1.41435	0.0497903	1.31271	1.31271	0.510752	0.922088	-1.08449	0.042505	0.75274	-1.32848	10.653	2.4946	0.208149	1
cg12452608	0.344451	1.2733	1.2733	0.000168062	0.204134	-4.89875	0.071252	1.64856	1.64856	0.295609	0.764068	-1.30878	9.98037	9.73057	0.866641	1
cg10239071	0.0800964	1.39413	1.39413	0.0162823	1.65321	1.65321	?	?	?	0.187539	0.78741	-1.26999	9.79246	4.03673	0.412228	1
cg24295653	0.0111496	0.315103	-3.17356	0.000629375	0.148427	-6.73734	0.00469556	0.255623	-3.91201	0.179993	0.596365	-1.67683	8.0674	16.8372	1.85517	1
cg00721771	0.672134	0.937853	-1.06627	0.629599	0.929372	-1.076	0.00573894	0.579398	-1.72593	0.00179239	0.511876	-1.9536	7.87183	2.83224	0.319817	1
cg23737061	0.467586	0.813573	-1.22915	0.0110797	0.411004	-2.43306	0.00749707	2.61364	2.61364	0.982656	0.993951	-1.00609	7.72369	9.53109	1.0969	1
cg19574488	0.401781	1.1661	1.1661	0.000893009	0.410313	-2.43716	0.534526	0.893474	-1.11923	0.557685	0.899269	-1.11201	7.29182	3.70302	0.451406	1
cg19282443	0.559579	0.905052	-1.10491	0.00655439	0.550387	-1.8169	0.00416306	1.91434	1.91434	0.617247	0.918334	-1.08893	7.08408	3.20767	0.402489	1
cg08195983	0.764497	1.13746	1.13746	0.000557548	9.92782	9.92782	0.00713443	4.43546	4.43546	0.0515673	0.38677	-2.58552	6.54964	19.063	2.58714	1
cg25736251	0.850174	1.15701	1.15701	0.00205998	28.4366	28.4366	0.0205687	8.5974	8.5974	0.133402	0.286913	-3.48538	6.22851	58.6741	8.37355	1
cg02854288	0.967532	0.997851	-1.00215	0.00596748	0.826999	-1.20919	0.108309	0.911581	-1.09699	0.0377648	1.13578	1.13578	5.79781	0.256412	0.0393117	1
cg12030002	0.152306	0.779605	-1.2827	0.480779	1.12341	1.12341	0.0624849	1.40554	1.40554	0.280902	1.19959	1.19959	5.47867	2.2876	0.371153	1
cg22533480	0.0569046	0.382029	-2.6176	0.00762396	0.216081	-4.62789	0.0420996	0.351401	-2.84575	0.00902105	0.227072	-4.40388	5.36762	16.9541	2.80763	1
cg10131075	0.0582016	0.453658	-2.2043	0.00738131	0.279528	-3.57746	0.00357375	0.232883	-4.294	0.679058	0.857598	-1.16605	5.31118	11.4675	1.91923	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10541332	FHIT;FHIT	0.0168189	0.270864	0.72208	-1.38489	0.000584486	0.220941	-4.5261	0.586348	0.855504	-1.1689	0.82826	0.940156	-1.06365	0.0597734	1.82825	1.82825
cg01556706	FHIT;FHIT	0.0169229	0.0590151	0.193648	-5.16401	0.0301355	0.140369	-7.12407	0.401078	0.515921	-1.93828	0.175615	0.32991	-3.03113	0.00303975	0.0438628	-22.7984
cg15570148	FHIT;FHIT	0.0174646	0.0384964	4.68977	4.68977	0.00615748	10.0086	10.0086	0.0135492	7.16711	7.16711	0.154469	2.67103	2.67103	0.150765	2.69832	2.69832
cg24796403	FHIT;FHIT	0.0210913	0.484011	0.918059	-1.08925	0.691502	0.953188	-1.04911	0.291407	1.14065	1.14065	0.00199534	0.591806	-1.68974	0.442802	1.09863	1.09863
cg05645292	FHIT;FHIT	0.0210925	0.24845	1.37293	1.37293	0.25099	1.3704	1.3704	0.379386	1.26732	1.26732	0.346777	1.28985	1.28985	0.0341391	0.522322	-1.91453
cg22215728	FHIT;FHIT	0.02239	0.0765815	0.509523	-1.96262	0.00203433	0.225598	-4.43266	0.116792	0.558062	-1.79192	0.284424	0.683425	-1.46322	0.0356874	0.433091	-2.30898
cg21541638	FHIT;FHIT	0.0252041	0.0917885	2.21656	2.21656	0.130734	2.01323	2.01323	0.33237	1.5354	1.5354	0.533036	1.31092	1.31092	0.0354516	2.85757	2.85757
cg20366397	FHIT;FHIT	0.0262147	0.0493555	0.223946	-4.46536	0.00214101	0.0563138	-17.7576	0.251392	0.449607	-2.22417	0.801671	0.845441	-1.18281	0.0283758	0.177973	-5.61883
cg17894779	FHIT;FHIT	0.0271392	0.0291784	0.222078	-4.50293	0.0148641	0.173066	-5.77813	0.0273831	0.216975	-4.60882	0.524599	0.685571	-1.45864	0.00701917	0.129927	-7.69664
cg19729536	FHIT;FHIT	0.0288862	0.755585	1.05839	1.05839	0.155437	0.758613	-1.3182	0.00774849	1.86181	1.86181	0.674415	0.926086	-1.07981	0.134238	1.34111	1.34111
cg00071984	FHIT;FHIT	0.0304525	0.055862	0.220859	-4.52778	0.00725981	0.0894115	-11.1842	0.0883668	0.269602	-3.70917	?		?	0.0132429	0.117606	-8.50298
cg16806041	FHIT;FHIT	0.0463478	0.323791	0.703635	-1.42119	0.0558301	0.473646	-2.11128	0.426653	0.755811	-1.32308	0.00535498	0.282201	-3.54357	0.037118	0.433981	-2.30425
cg19049316	FHIT;FHIT;FHIT;FHIT	0.0206634	0.924562	1.01771	1.01771	0.653475	0.919631	-1.08739	0.0841975	1.42505	1.42505	0.0588301	1.48536	1.48536	0.411027	1.16866	1.16866
cg04778337	FHL1;FHL1;FHL1;FHL1	0.0126529	0.0857734	0.592481	-1.68782	0.939888	0.979425	-1.02101	0.0586357	0.554973	-1.80189	0.291459	1.35222	1.35222	0.00418366	0.347245	-2.87981
cg05455393	FHL1;FHL1;FHL1;FHL1	0.0442105	0.0672501	0.581651	-1.71924	0.506162	0.836745	-1.19511	0.016137	0.459431	-2.17661	0.959448	1.01353	1.01353	0.408596	1.25023	1.25023
cg02811588	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1	2.44E-06	2.24E-05	0.555696	-1.79955	0.000371508	1.48232	1.48232	2.81E-07	0.351161	-2.84769	0.345795	0.935103	-1.0694	3.43E-06	0.469693	-2.12905
cg27384106	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1	0.0494367	0.801423	1.08545	1.08545	0.146315	0.602086	-1.66089	0.101672	0.558217	-1.79142	0.782548	0.913914	-1.09419	0.00229098	0.249795	-4.00328
cg05555725	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1	0.0020714	0.000820165	0.331452	-3.01703	0.00809357	0.475836	-2.10157	0.0230959	0.551584	-1.81296	0.0334017	0.580186	-1.72359	0.00191371	0.381947	-2.61817
cg09167861	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1; FHL1	0.0142942	0.145644	0.596964	-1.67514	0.00222004	0.242847	-4.11782	0.0931011	0.543338	-1.84047	0.139679	1.69015	1.69015	0.228271	0.658643	-1.51827
cg09809869	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1; FHL1;FHL1	0.00477519	0.956324	1.0204	1.0204	0.00285708	0.220149	-4.54239	0.00874473	0.291841	-3.42652	0.344058	1.43243	1.43243	0.00126338	0.176376	-5.66971
cg09209584	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1; FHL1;FHL1	0.00670014	0.0431504	2.09979	2.09979	0.085487	0.545454	-1.83333	0.0494719	0.489304	-2.04372	0.0993081	0.562092	-1.77907	0.00261762	0.264808	-3.77631
cg25289658	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1; FHL1;FHL1	0.0288703	0.0163183	0.176519	-5.66511	0.550496	0.699942	-1.42869	0.925081	1.05712	1.05712	0.317162	0.542951	-1.84179	0.022042	0.197531	-5.06251
cg25332717	FHL2	0.0248245	0.0817585	0.529316	-1.88923	0.346999	0.7266	-1.37627	0.668628	0.867609	-1.15259	0.0643868	0.503929	-1.98441	0.00817481	0.327503	-3.05341
cg00044097	FHL2;FHL2	0.0069695	?	?	?	?	?	?	0.00875112	0.331173	-3.01957	0.0398802	0.455626	-2.19478	0.0334888	0.439533	-2.27514
cg19850931	FHL2;FHL2;FHL2;FHL2	0.00473208	0.00105134	0.255245	-3.9178	0.165108	0.658936	-1.5176	0.0216411	0.459856	-2.17459	0.00201643	0.293104	-3.41175	0.0281032	0.481598	-2.07642
cg19025700	FHL2;FHL2;FHL2;FHL2	0.00873575	0.103022	2.52295	2.52295	0.000252571	22.8838	22.8838	0.28717	1.77436	1.77436	0.395864	1.57013	1.57013	0.626393	0.775262	-1.28989
cg17129821	FHL2;FHL2;FHL2;FHL2	0.0100915	0.0552095	0.608137	-1.64437	0.0400145	1.72133	1.72133	0.962788	1.01073	1.01073	0.587686	1.13345	1.13345	0.119376	0.67928	-1.47215
cg02054792	FHL2;FHL2;FHL2;FHL2	0.0317451	0.0978	6.81744	6.81744	0.587397	0.560477	-1.7842	0.0515966	10.3949	10.3949	0.158496	4.91837	4.91837	0.0856137	7.44757	7.44757
cg21680719	FHL3	0.00230485	0.00147606	0.137288	-7.28393	0.0169847	0.283694	-3.52492	0.00545128	0.205517	-4.86579	0.0996152	0.4579	-2.18388	0.000784548	0.111076	-9.00287
cg13207501	FHL3	0.0159748	0.0183215	0.399774	-2.50141	0.54164	0.820476	-1.2188	0.221523	0.662637	-1.50912	0.116665	0.579299	-1.72622	0.0704	0.523265	-1.91108
cg26528311	FHL3	0.0208331	0.00549118	0.484566	-2.0637	0.0367761	0.617911	-1.61836	0.367556	0.832202	-1.20163	0.0142239	0.548729	-1.82239	0.00701415	0.50066	-1.99736
cg24519393	FHL3	0.0261519	0.00818979	0.239946	-4.16761	0.6575	0.82841	-1.20713	0.420198	0.706498	-1.41543	0.0530298	0.395539	-2.52819	0.0150371	0.283419	-3.52835
cg15632862	FHL3	0.0450515	0.0230115	0.401075	-2.4933	0.175206	1.62326	1.62326	0.885633	0.952792	-1.04955	0.407002	0.752002	-1.32978	0.0203021	0.390576	-2.56032
cg13919420	FHL3	0.0453196	0.819164	0.945508	-1.05763	0.381046	1.24589	1.24589	0.0638249	1.66492	1.66492	0.00856439	2.27196	2.27196	0.0856232	0.628198	-1.59186
cg22335076	FHL3	0.0476656	0.946045	0.988896	-1.01123	0.00845946	0.574268	-1.74135	0.0469041	0.687088	-1.45542	0.822684	0.963647	-1.03772	0.514353	1.11527	1.11527
cg15802639	FHL5;FHL5	0.000378683	3.23E-05	0.196409	-5.09142	0.554794	0.886683	-1.1278	0.834413	1.04304	1.04304	0.000115484	0.256394	-3.90025	0.0247675	0.583865	-1.71273
cg20719439	FHL5;FHL5	0.0113582	0.039207	0.242775	-4.11904	0.398062	0.598492	-1.67087	0.0266573	0.210485	-4.75092	0.197865	0.445987	-2.24222	0.00131958	0.0625214	-15.9945
cg22236418	FHL5;FHL5	0.0281318	0.162172	1.9088	1.9088	0.907166	1.05183	1.05183	0.400156	0.688622	-1.45218	0.0855055	2.27817	2.27817	0.0684244	0.413259	-2.41979
cg06179039	FHOD1	4.26E-05	0.934501	1.00973	1.00973	0.127617	1.2142	1.2142	0.0229173	1.378	1.378	0.104765	1.23229	1.23229	0.391602	1.10895	1.10895
cg03748434	FHOD1	0.000912459	0.127447	1.6844	1.6844	0.000739743	6.4271	6.4271	5.89E-05	18.9124	18.9124	0.0228711	0.408294	-2.44922	0.0784487	1.8677	1.8677
cg06730796	FHOD1	0.00100961	0.000448328	6.31715	6.31715	0.00037961	6.62127	6.62127	0.0168341	2.64093	2.64093	0.0136431	2.76177	2.76177	0.0203235	2.538	2.538
cg26955337	FHOD1	0.00102758	0.101676	0.771485	-1.2962	0.270905	1.18053	1.18053	0.00164424	0.5207	-1.92049	0.0637898	0.739562	-1.35215	0.139468	0.794327	-1.25893
cg07701282	FHOD1	0.00591581	0.00435261	0.306369	-3.26403	0.516358	1.22669	1.22669	0.423441	0.775798	-1.289	0.0314093	0.456681	-2.18971	0.00230212	0.266413	-3.75357
cg09099572	FHOD1	0.00760299	0.00180065	4.71046	4.71046	0.00376005	3.91693	3.91693	0.0373485	2.32442	2.32442	0.017571	2.74181	2.74181	0.0221552	2.60504	2.60504
cg07125771	FHOD1	0.00772209	0.00511967	5.77167	5.77167	0.0926817	2.40354	2.40354	0.0130851	4.30079	4.30079	0.527814	0.738466	-1.35416	0.0243604	3.56699	3.56699
cg03051411	FHOD1	0.0141278	0.142415	0.830629	-1.20391	0.0873467	0.800812	-1.24873	0.244792	0.866591	-1.15395	0.475237	0.918101	-1.08921	0.164125	1.19091	1.19091
cg08715862	FHOD1	0.0391678	0.144512	0.609617	-1.64037	0.571402	0.834765	-1.19794	0.110258	0.577177	-1.73257	0.31131	1.39203	1.39203	0.0144925	0.386292	-2.58872
cg04044983	FHOD1	0.0470534	0.42996	1.10303	1.10303	0.871347	0.980466	-1.01992	0.0114565	0.680396	-1.46973	0.291664	1.14245	1.14245	0.00624376	1.54314	1.54314
cg07976860	FHOD1;FHOD1	0.0348258	0.0120583	2.78933	2.78933	0.246919	1.48694	1.48694	0.0941972	1.82745	1.82745	0.105706	1.78441	1.78441	0.144518	1.67127	1.67127
cg18428707	FHOD1;SLC9A5	0.0130191	0.25274	0.849404	-1.1773	0.0362733	1.39462	1.39462	0.0714267	1.31663	1.31663	0.356763	1.13826	1.13826	0.536823	0.9181	-1.08921
cg18200326	FHOD1;SLC9A5	0.0166625	0.424914	0.898033	-1.11354	0.00450214	0.606681	-1.64831	0.00632086	0.625429	-1.5989	0.133477	1.23816	1.23816	0.285593	0.863831	-1.15763
cg20514290	FHOD3	0.000919035	0.0105514	1.76704	1.76704	0.000170556	3.09833	3.09833	0.0117176	0.572776	-1.74588	0.133027	1.33216	1.33216	0.00158493	0.448237	-2.23096
cg02048890	FHOD3	0.00150116	0.383375	0.824756	-1.21248	0.424713	0.838854	-1.1921	0.516148	1.15247	1.15247	0.546617	1.14053	1.14053	0.245808	0.769791	-1.29905
cg16989476	FHOD3	0.0049318	0.865757	0.97988	-1.02053	0.762133	0.96419	-1.03714	0.0310438	0.737795	-1.35539	0.348046	1.12306	1.12306	0.429688	1.10168	1.10168
ch.18.672159R	FHOD3	0.0143516	0.0029221	0.15372	-6.50534	0.0267368	0.300543	-3.32731	0.0226026	0.286376	-3.49192	0.0232366	0.288667	-3.4642	0.00541877	0.187076	-5.34541
cg06757138	FHOD3	0.040308	0.94131	1.01451	1.01451	0.436834	1.16784	1.16784	0.0508313	0.647142	-1.54526	0.199102	1.30396	1.30396	0.0150218	0.557261	-1.79449
cg04265261	FIBCD1	0.0284377	0.0246191	0.394811	-2.53286	0.139132	1.738	1.738	0.694473	0.871908	-1.14691	0.362181	0.722376	-1.38432	0.00821572	0.309114	-3.23506
cg14519621	FIBCD1;FIBCD1	0.000345578	0.290633	0.786771	-1.27102	0.000378546	3.46254	3.46254	0.121046	1.44432	1.44432	0.16135	1.38693	1.38693	0.0808518	0.654858	-1.52705
cg14182513	FIBCD1;FIBCD1	0.000701539	0.427302	0.835161	-1.19737	0.267093	0.773399	-1.29299	0.141617	0.703804	-1.42085	0.367104	1.22865	1.22865	8.08E-06	0.11436	-8.74435
cg13447566	FIBCD1;FIBCD1	0.001196	0.0261853	0.679657	-1.47133	0.00104699	0.4916	-2.03418	0.00229005	0.535705	-1.8667	0.548441	0.914941	-1.09297	0.000948389	0.48608	-2.05727
cg13609861	FIBCD1;FIBCD1	0.00160979	0.0422532	0.662185	-1.51015	0.502886	0.887104	-1.12726	3.34E-05	0.242295	-4.1272	0.172592	0.77433	-1.29144	0.0203346	0.610928	-1.63686
cg01026196	FIBCD1;FIBCD1	0.00341494	0.00818591	0.704219	-1.42001	0.768596	0.969887	-1.03105	0.930823	0.991042	-1.00904	0.0603957	0.802943	-1.24542	0.10403	0.83177	-1.20226
cg11549143	FIBCD1;FIBCD1	0.0035255	0.00658666	0.397154	-2.51791	0.147577	1.5018	1.5018	0.0301881	0.513191	-1.94859	0.0170181	0.466946	-2.14158	0.000627069	0.252544	-3.95971
cg14447810	FIBCD1;FIBCD1	0.00583842	0.0028391	0.478739	-2.08882	0.582716	0.90532	-1.10458	0.548838	1.11487	1.11487	0.671838	0.926461	-1.07938	0.128527	0.744911	-1.34244
cg11443523	FIBCD1;FIBCD1	0.00715756	0.0850143	0.855955	-1.16829	0.0249765	1.24341	1.24341	0.514374	1.05549	1.05549	0.00729277	0.753818	-1.32658	0.219432	0.8999	-1.11123
cg03192044	FIBCD1;FIBCD1	0.00862539	0.0041065	0.444173	-2.25138	0.0106989	0.508521	-1.96649	0.00753354	0.484401	-2.06441	0.182892	0.742357	-1.34706	0.00928327	0.49868	-2.00529
cg13801201	FIBCD1;FIBCD1	0.00870577	0.0331548	1.29007	1.29007	0.0645649	0.808695	-1.23656	0.235326	0.880556	-1.13565	0.00205054	1.55935	1.55935	0.897029	0.986846	-1.01333
cg13478737	FIBCD1;FIBCD1	0.00953067	0.0144382	0.219835	-4.54886	0.00919782	0.18981	-5.26843	0.0415112	0.306913	-3.25825	0.0236169	0.257156	-3.8887	0.0301973	0.277834	-3.59927
cg23152772	FIBCD1;FIBCD1	0.0122997	0.0278173	0.455687	-2.19449	0.648865	1.14864	1.14864	0.421382	0.780135	-1.28183	0.00597633	2.96331	2.96331	0.00580246	0.335434	-2.98122
cg14532376	FIBCD1;FIBCD1	0.0219477	0.830948	0.962768	-1.03867	0.0534166	1.47608	1.47608	0.895633	0.976976	-1.02357	0.494979	0.88428	-1.13086	0.00625105	0.531307	-1.88215
cg13656701	FIBCD1;FIBCD1	0.0304164	0.0236537	0.412187	-2.42609	0.822361	0.928887	-1.07656	0.048827	0.478042	-2.09186	0.184261	0.629999	-1.5873	0.00861639	0.333229	-3.00093
cg14366110	FIBCD1;FIBCD1	0.0312872	0.0129693	0.371248	-2.69361	0.638413	1.16427	1.16427	0.0964196	0.556238	-1.79779	0.289635	1.4236	1.4236	0.0062229	0.317895	-3.14569
cg13930388	FIBCD1;FIBCD1	0.0376858	0.280939	0.866492	-1.15408	0.303998	1.14583	1.14583	0.528025	0.921501	-1.08519	0.00880423	0.652769	-1.53194	0.207734	0.84378	-1.18514
cg10418755	FIBIN	0.0127988	0.00451407	0.106237	-9.41293	0.0755522	3.22825	3.22825	0.00513278	8.9352	8.9352	0.0403936	4.06565	4.06565	0.32449	0.547289	-1.82719
cg02565993	FIBIN	0.0167545	0.0966087	0.252166	-3.96564	0.0108149	11.2197	11.2197	0.00638651	14.5906	14.5906	0.077405	4.40465	4.40465	0.13607	0.297273	-3.36392
cg13694680	FIBIN	0.0397493	0.0226525	0.241253	-4.14503	0.429936	1.52169	1.52169	0.128716	2.35264	2.35264	0.365528	1.62329	1.62329	0.0211503	0.23588	-4.23945
cg07777008	FIBIN;FIBIN	0.00312865	0.284723	0.412789	-2.42254	0.0344456	7.12828	7.12828	0.0293541	7.71752	7.71752	0.0474463	6.0836	6.0836	0.0302453	0.131517	-7.60361
cg07042914	FIBIN;FIBIN	0.00699664	0.405115	0.57298	-1.74526	0.00304635	14.2085	14.2085	0.00130722	21.3217	21.3217	0.0293504	5.35458	5.35458	0.336283	0.522983	-1.91211
cg01649773	FIBIN;FIBIN	0.0110262	0.389361	0.574068	-1.74196	0.0117459	7.24543	7.24543	0.00842218	8.30702	8.30702	0.0263405	5.24537	5.24537	0.10277	0.325257	-3.07449
cg15621260	FIBIN;FIBIN	0.019047	0.317593	0.437626	-2.28505	0.0257	8.3267	8.3267	0.0278476	7.99864	7.99864	0.0322002	7.43898	7.43898	0.112306	0.25083	-3.98676
cg20119891	FIBIN;FIBIN	0.0191989	0.0121656	0.091462	-10.9335	0.28488	0.427303	-2.34026	0.568322	1.55485	1.55485	0.975936	0.977177	-1.02336	0.00951287	0.0809205	-12.3578
cg04622802	FIBIN;FIBIN	0.0351606	0.367929	0.543426	-1.84018	0.0429682	4.64564	4.64564	0.0348869	5.05991	5.05991	0.0462858	4.50629	4.50629	0.133027	0.34343	-2.9118
cg14387684	FIBP;FIBP	0.0147097	0.621273	1.04746	1.04746	0.0919083	1.18856	1.18856	0.630492	1.04616	1.04616	0.421697	1.07941	1.07941	0.00456608	1.42136	1.42136
cg23863100	FICD	7.56E-06	7.87E-06	0.194277	-5.14729	0.00266808	2.00389	2.00389	0.00550263	1.84178	1.84178	0.222435	1.23933	1.23933	8.03E-06	0.195116	-5.12516
cg24752354	FICD	0.00172261	0.00280358	0.367909	-2.71807	0.602668	1.13601	1.13601	0.10278	0.648287	-1.54253	0.308028	1.292	1.292	0.000393237	0.253815	-3.93988
cg09314358	FICD	0.00461442	0.878942	1.02243	1.02243	0.0252568	0.67893	-1.4729	0.0913903	0.762931	-1.31073	0.000401132	0.440665	-2.2693	0.101465	0.770282	-1.29823
cg09475324	FICD	0.0203336	0.012748	0.543477	-1.84	0.750772	0.939143	-1.0648	0.0215044	0.580342	-1.72312	0.00706529	0.503605	-1.98568	0.0194368	0.573088	-1.74493
cg11081703	FICD;FICD	0.041707	0.630894	0.921389	-1.08532	0.914778	1.01827	1.01827	0.907185	1.01992	1.01992	0.436389	0.874341	-1.14372	0.00958192	0.574223	-1.74148
cg03492495	FIG4	0.00440521	0.00740406	0.305298	-3.27549	0.00326741	0.251869	-3.97032	0.0114955	0.337161	-2.96594	0.224542	0.644859	-1.55073	0.000946826	0.183602	-5.44656
cg06389867	FIG4	0.00830059	0.555739	0.896846	-1.11502	0.00395655	0.492593	-2.03007	0.0995971	0.719111	-1.39061	0.059712	0.678287	-1.4743	0.268552	0.810155	-1.23433
cg04940695	FIG4	0.0170777	0.33253	0.75974	-1.31624	0.100556	0.609903	-1.63961	0.373035	0.777735	-1.28579	0.0490765	0.539268	-1.85437	0.00058426	0.231957	-4.31114
cg16019558	FIG4	0.0222342	0.0281003	2.29195	2.29195	0.0392785	2.14398	2.14398	0.0486121	2.05509	2.05509	0.167464	1.60084	1.60084	0.0201497	2.45035	2.45035
cg02758183	FIGF	0.00259326	0.593494	1.18398	1.18398	0.0111515	0.368934	-2.71051	0.180068	0.640031	-1.56242	0.00423475	0.301167	-3.32041	9.06E-05	0.111507	-8.96802
cg13358623	FIGF	0.0257359	0.453504	0.779015	-1.28367	0.135138	0.590527	-1.6934	0.897231	1.04317	1.04317	0.704987	0.883033	-1.13246	0.000901198	0.196983	-5.07658
cg01812070	FIGLA	3.30E-05	0.402434	1.0911	1.0911	0.137114	1.17695	1.17695	0.0618658	0.807392	-1.23856	0.00609353	0.694683	-1.43951	0.135104	1.17808	1.17808
cg22687748	FIGLA	0.000583319	0.237509	0.817515	-1.22322	0.00251735	1.97998	1.97998	0.229737	1.22776	1.22776	0.872612	1.02647	1.02647	0.828726	1.03591	1.03591
cg20337959	FIGLA	0.00247934	0.53893	0.766964	-1.30384	0.0104555	0.252936	-3.95357	0.0155353	0.282033	-3.54569	0.0259395	0.323833	-3.08801	0.000197442	0.0693954	-14.4102
cg02881096	FIGLA	0.00360531	0.973569	1.00728	1.00728	0.121929	0.692746	-1.44353	0.000408576	0.292489	-3.41894	0.438155	1.18906	1.18906	0.0707154	0.642626	-1.55612
cg07532089	FIGLA	0.0138423	0.638859	1.15762	1.15762	0.102783	0.575381	-1.73798	0.269713	0.700547	-1.42746	0.865609	0.948902	-1.05385	0.649748	1.15207	1.15207
cg00490655	FIGN	0.000182528	0.763602	1.12394	1.12394	0.000181617	0.0860438	-11.622	0.515163	0.774426	-1.29128	0.0111094	0.291353	-3.43226	0.147823	0.548012	-1.82478
cg10903451	FIGN	0.00578622	?	?	?	0.85764	1.10035	1.10035	0.489514	1.45461	1.45461	0.0559194	0.308499	-3.2415	0.0020746	0.0869242	-11.5043
cg17789713	FIGN	0.017734	0.020571	0.423755	-2.35985	0.581577	0.842558	-1.18686	0.0730341	0.540428	-1.85039	0.0210764	0.425758	-2.34875	0.9674	1.01266	1.01266
cg03878133	FIGN	0.0182177	0.572138	0.961696	-1.03983	0.0903219	0.880115	-1.13621	0.0405866	0.850622	-1.17561	0.0330157	1.18599	1.18599	0.804336	1.01713	1.01713
cg02506767	FIGN	0.0201937	0.133302	0.691515	-1.4461	0.220132	0.745527	-1.34133	0.321017	1.26307	1.26307	0.227991	1.33407	1.33407	0.00977922	0.475163	-2.10454
cg05209768	FIGN	0.0207073	0.00835411	0.381417	-2.6218	0.005526	0.352431	-2.83743	0.0334168	0.491229	-2.03571	0.579102	0.851933	-1.1738	0.0647871	0.552573	-1.80972
cg19393323	FIGN	0.020932	0.0361996	0.6441	-1.55255	0.120232	1.35582	1.35582	0.976764	0.994754	-1.00527	0.228999	0.796129	-1.25608	0.0465747	0.662576	-1.50926
cg18834375	FIGN	0.0261166	0.122173	0.485925	-2.05793	0.000720388	0.108954	-9.17816	0.0387084	0.356523	-2.80487	0.426066	0.704593	-1.41926	0.0237038	0.312456	-3.20045
cg03603122	FIGN	0.0336316	0.112746	0.544307	-1.8372	0.849376	0.935209	-1.06928	0.156937	0.586631	-1.70465	0.464456	0.769268	-1.29994	0.0107529	0.323313	-3.09298
cg06061621	FIGN	0.0392007	0.269118	0.638057	-1.56726	0.00660474	0.252392	-3.96209	0.179572	0.573196	-1.7446	0.685599	1.17222	1.17222	0.0780845	0.46566	-2.14749
cg02741811	FIGNL1;FIGNL1	6.70E-06	0.00599005	0.568956	-1.75761	0.00581884	0.56721	-1.76301	8.14E-06	0.216468	-4.61962	0.0343281	0.678687	-1.47343	1.51E-07	0.0761097	-13.1389
cg05072008	FIGNL1;FIGNL1	7.60E-05	0.14152	1.52542	1.52542	0.490057	1.20596	1.20596	0.00252037	0.326163	-3.06595	0.969012	0.989677	-1.01043	6.69E-06	0.0690673	-14.4786
cg18090103	FIGNL1;FIGNL1	0.000141075	0.957318	0.993016	-1.00703	0.186954	0.832624	-1.20102	0.00810291	0.641484	-1.55889	0.906109	1.01557	1.01557	0.965391	0.994334	-1.0057
cg23111338	FIGNL1;FIGNL1	0.00241904	0.006435	0.300615	-3.32652	0.0075189	0.311399	-3.21132	0.00962382	0.329067	-3.03889	0.333872	0.713166	-1.4022	0.00437555	0.275032	-3.63595
cg00418284	FIGNL1;FIGNL1	0.0040439	0.130371	1.47831	1.47831	0.464568	1.19494	1.19494	0.794454	1.06446	1.06446	0.407825	0.816619	-1.22456	0.000575152	0.279424	-3.57879
cg22303909	FIGNL1;FIGNL1	0.00827322	0.00169331	0.16913	-5.91262	0.00518235	0.231753	-4.31494	0.00608035	0.241906	-4.13384	0.114306	0.506338	-1.97496	0.00464285	0.224955	-4.44534
cg14084042	FIGNL1;FIGNL1	0.00935581	0.0740501	0.620177	-1.61244	0.202679	1.38093	1.38093	0.00878726	2.22731	2.22731	0.30565	1.28988	1.28988	0.585775	0.876288	-1.14118
cg03050473	FIGNL1;FIGNL1	0.0317915	0.0480497	0.549665	-1.81929	0.00124091	0.286541	-3.48991	0.0144651	0.450209	-2.22119	0.797664	0.934227	-1.0704	0.76187	0.922698	-1.08381
cg14240098	FIGNL1;FIGNL1;FIGNL1;FIGNL1	0.0152844	0.00946604	0.495721	-2.01726	0.242387	0.770189	-1.29838	0.134684	1.41087	1.41087	0.250662	0.774005	-1.29198	0.0378961	0.598244	-1.67156
cg06074307	FIGNL2	1.09E-05	0.703592	1.04352	1.04352	0.0421098	1.29814	1.29814	0.593393	1.06189	1.06189	0.171485	0.850252	-1.17612	3.86E-06	0.301379	-3.31808
cg26697033	FIGNL2	0.000458174	0.0316486	0.650504	-1.53727	0.0285326	0.643359	-1.55434	0.643981	1.08267	1.08267	0.90902	1.0197	1.0197	8.01E-05	0.296578	-3.3718
cg07529392	FIGNL2	0.00596853	0.956788	1.01281	1.01281	0.0747775	1.59379	1.59379	0.092319	1.54514	1.54514	0.664253	1.10801	1.10801	0.00186806	0.354765	-2.81877
cg19856499	FIGNL2	0.00774162	0.0574724	2.15407	2.15407	0.264995	1.51422	1.51422	0.257963	0.656002	-1.52438	0.134167	1.7805	1.7805	0.0176432	0.356644	-2.80392
cg18259930	FIGNL2	0.0224738	0.0373589	2.42697	2.42697	0.305637	1.47588	1.47588	0.73404	0.882368	-1.13331	0.923967	0.965576	-1.03565	0.0134982	0.325581	-3.07144
cg02420617	FIGNL2	0.0248301	0.00420591	0.356376	-2.80603	0.56611	1.16896	1.16896	0.156754	0.665205	-1.5033	0.262705	0.730299	-1.3693	0.0112217	0.425227	-2.35168
cg11869007	FIGNL2	0.0322676	0.0680884	1.62325	1.62325	0.0627289	1.64301	1.64301	0.0837743	1.57418	1.57418	0.112002	1.50732	1.50732	0.205579	1.37249	1.37249
cg13431962	FIGNL2	0.0403158	0.448355	0.902385	-1.10817	0.212573	0.839854	-1.19068	0.022062	0.69422	-1.44047	0.0395975	1.37215	1.37215	0.357143	1.13416	1.13416
cg09266551	FIGNL2	0.0459778	0.188149	1.21811	1.21811	0.00518799	0.593347	-1.68535	0.845787	0.972827	-1.02793	0.170993	1.22904	1.22904	0.669031	1.06273	1.06273
cg05238741	FIGNL2	0.0478088	0.159628	2.24234	2.24234	0.290979	1.8019	1.8019	0.13247	0.417961	-2.39257	0.357276	1.6632	1.6632	0.0697492	0.33628	-2.97372
cg13687885	FILIP1	0.001145	0.00010664	0.158926	-6.29225	0.799148	0.933715	-1.07099	0.000127094	0.166352	-6.01133	0.0123063	0.43234	-2.31299	0.0491341	0.546555	-1.82964
cg07620838	FILIP1	0.00356067	0.0143637	0.63857	-1.566	0.154213	0.797177	-1.25443	0.000284334	0.414358	-2.41337	0.477513	0.898227	-1.1133	0.00205331	0.524422	-1.90686
cg07890797	FILIP1	0.00520461	0.0121294	0.593406	-1.68519	0.126113	1.31814	1.31814	0.652919	0.927228	-1.07848	0.0409931	0.674602	-1.48236	0.00611991	0.550391	-1.81689
cg15332173	FILIP1	0.00918427	0.0285742	0.501561	-1.99378	0.0185842	0.466585	-2.14323	0.00279771	0.332725	-3.00549	0.137371	0.652192	-1.53329	0.214928	0.705597	-1.41724
cg15983952	FILIP1	0.0108425	0.106265	0.77607	-1.28854	0.253594	1.18691	1.18691	0.0128644	0.641515	-1.55881	0.675446	0.941277	-1.06239	0.0818068	0.757927	-1.31939
cg05354831	FILIP1	0.0109157	0.00870915	0.631069	-1.58461	0.222972	0.838327	-1.19285	0.686542	0.945663	-1.05746	0.0110111	0.644537	-1.5515	0.425816	0.894054	-1.1185
cg15929181	FILIP1	0.0123851	0.570178	0.810893	-1.23321	0.849123	1.07205	1.07205	0.066731	0.471922	-2.11899	0.00805494	0.289397	-3.45546	0.00141677	0.185018	-5.40488
cg04016798	FILIP1	0.0149621	0.0299701	0.405195	-2.46795	0.37155	0.722814	-1.38348	?	?	?	?	?	?	0.010361	0.319047	-3.13434
cg14611727	FILIP1	0.0239335	0.00215748	0.684722	-1.46045	0.0334235	1.24428	1.24428	0.994497	0.999394	-1.00061	0.144193	0.871135	-1.14793	0.598916	0.9544	-1.04778

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10541332	0.177475	0.665577	-1.50246	0.32956	0.751407	-1.33084	0.748847	0.912798	-1.09553	0.139036	1.57191	1.57191	4.9873	6.37284	1.13583	1
cg01556706	0.161432	0.316169	-3.16286	0.00248921	0.0392982	-25.4464	0.0153394	0.10112	-9.88927	0.0340666	0.14888	-6.71681	4.97705	46.7355	8.34684	1
cg15570148	0.455622	1.63201	1.63201	0.00737609	9.25887	9.25887	0.011627	7.63793	7.63793	0.290141	0.49279	-2.02926	4.92481	32.408	5.84939	1
cg24796403	0.0581314	0.773048	-1.29358	0.156578	1.19979	1.19979	0.467573	1.09292	1.09292	0.0325379	1.35089	1.35089	4.62018	1.05729	0.203414	1
cg05645292	0.130813	1.53513	1.53513	0.00115075	3.50813	3.50813	0.0429768	1.84387	1.84387	0.442553	1.22837	1.22837	4.62009	5.05005	0.971613	1
cg22215728	0.0357491	0.433251	-2.30813	0.00892761	0.320239	-3.12267	0.0160265	0.364544	-2.74316	0.189724	0.621588	-1.60878	4.52654	8.40038	1.64961	1
cg21541638	0.18693	1.82179	1.82179	0.00110314	7.8654	7.8654	0.0233586	3.19569	3.19569	0.40847	0.695923	-1.43694	4.34492	12.6519	2.58833	1
cg20366397	0.0646419	0.250447	-3.99286	0.0159892	0.139804	-7.15289	0.0217829	0.159326	-6.27642	0.211243	0.415354	-2.40759	4.28574	30.2052	6.26474	1
cg17894779	0.251761	0.496097	-2.01573	0.00618866	0.123666	-8.08632	0.407279	0.60878	-1.64263	0.0523438	0.274748	-3.6397	4.23402	22.9854	4.82554	1
cg19729536	0.379989	1.17783	1.17783	0.00414452	2.0108	2.0108	0.0850395	1.41351	1.41351	0.547234	0.895208	-1.11706	4.14199	2.16673	0.464991	1
cg00071984	0.140066	0.330612	-3.0247	0.0331891	0.176257	-5.67354	0.0150934	0.124689	-8.01997	0.470495	0.599395	-1.66835	4.13329	28.2826	6.84265	1
cg16806041	0.616971	1.18997	1.18997	0.215449	0.637814	-1.56786	0.130549	1.75627	1.75627	0.118979	0.557854	-1.79258	3.48671	6.56971	1.67486	1
cg19049316	0.498927	1.13572	1.13572	0.00085564	0.395102	-2.53099	0.898427	1.02396	1.02396	0.386497	1.1789	1.1789	4.65261	2.5329	0.483916	1
cg04778337	0.980567	1.00674	1.00674	0.156213	1.51913	1.51913	0.0014805	0.282495	-3.53988	0.469605	0.816444	-1.22482	5.47831	6.593	1.06975	1
cg05455393	0.362559	1.28052	1.28052	0.0174944	2.14725	2.14725	0.0660284	0.579899	-1.72444	0.887399	0.963257	-1.03814	3.54894	3.92415	0.982866	1
cg02811588	0.0032219	1.32019	1.32019	0.358429	0.936823	-1.06744	0.029203	1.19432	1.19432	0.0575747	0.862083	-1.15998	58.379	4.41562	0.067233	1
cg27384106	0.174439	1.60002	1.60002	0.367699	0.740036	-1.35129	0.301842	1.41628	1.41628	0.71016	0.885627	-1.12914	3.40275	5.705	1.4903	1
cg05555725	0.0939474	0.668084	-1.49682	0.000145491	0.238785	-4.18788	0.223616	0.755769	-1.32316	0.233571	0.760699	-1.31458	9.54378	7.24984	0.675235	1
cg09167861	0.0948608	0.545457	-1.83333	0.00433948	0.284022	-3.52085	0.0284171	0.42565	-2.34935	0.0571594	0.491351	-2.0352	5.26375	9.09012	1.53505	1
cg09809869	0.534404	1.26112	1.26112	0.021805	2.7594	2.7594	0.933019	1.03148	1.03148	0.569206	1.2363	1.2363	7.44224	16.0244	1.91392	1
cg09209584	0.0581271	0.505179	-1.97949	0.0339788	0.4542	-2.20167	0.0189815	2.47364	2.47364	0.0429339	0.475763	-2.10189	6.70591	10.7981	1.43132	1
cg25289658	0.299994	0.53027	-1.88583	0.00501959	0.111653	-8.95631	0.0864812	3.06015	3.06015	0.0968846	0.340858	-2.93378	4.14279	22.8879	4.91089	1
cg25332717	0.213841	0.649418	-1.53984	0.000943769	0.196627	-5.08577	0.172711	0.619646	-1.61382	0.123495	0.576805	-1.73369	4.36792	7.52484	1.53134	1
cg00044097	0.03607	0.446308	-2.2406	0.00141174	0.21668	-4.61509	0.00467866	0.288158	-3.47032	0.0560888	0.488707	-2.04622	6.93533	9.35489	1.54157	1
cg19850931	0.00748771	0.37914	-2.63755	0.0157845	0.434656	-2.30067	0.00195368	0.291195	-3.43412	0.0575524	0.546059	-1.8313	7.46281	9.38	1.11724	1
cg19025700	0.730718	1.19634	1.19634	0.00457179	7.09387	7.09387	0.0455161	3.28703	3.28703	0.488551	1.44065	1.44065	6.17039	26.3105	3.79022	1
cg17129821	0.678493	0.909024	-1.10008	0.00155087	0.352978	-2.83303	0.00450977	0.420557	-2.3778	0.0903087	0.652394	-1.53282	5.89341	4.88729	0.737138	1
cg02054792	0.626496	1.67914	1.67914	0.00426061	56.9169	56.9169	0.00624199	43.2356	43.2356	0.744908	0.708217	-1.412	4.00532	70.8419	15.7217	1
cg21680719	0.229764	0.579621	-1.72527	0.000899221	0.116395	-8.59142	0.580343	0.785296	-1.27341	0.00192032	0.149429	-6.69214	9.25028	27.4423	2.63702	1
cg13207501	0.570821	0.832386	-1.20137	0.000504706	0.175311	-5.70415	0.0914817	0.551465	-1.81335	0.015606	0.386918	-2.58453	5.07365	8.24179	1.44394	1
cg26528311	0.0404849	0.625279	-1.59928	0.111527	0.708953	-1.41053	0.395129	0.841281	-1.18866	0.00914663	0.518419	-1.92894	4.63965	2.89379	0.554408	1
cg24519393	0.208604	0.57165	-1.74932	0.00624472	0.222334	-4.49774	0.0388374	0.364541	-2.74317	0.0156538	0.286506	-3.49033	4.28933	12.0907	2.50558	1
cg15632862	0.191686	0.628489	-1.59112	0.0236911	0.403549	-2.47802	0.322607	0.709414	-1.40961	0.0199579	0.38916	-2.56964	3.52402	6.30161	1.5895	1
cg13919420	0.119109	0.661079	-1.51268	0.440863	0.825042	-1.21206	0.116478	1.51795	1.51795	0.417389	0.816452	-1.22481	3.51619	3.33424	0.842892	1
cg22335076	0.327881	1.18131	1.18131	0.0384278	1.48545	1.48545	0.195883	0.797995	-1.25314	0.203833	0.801507	-1.24765	3.45007	1.48728	0.383189	1
cg15802639	0.0172911	0.557799	-1.79276	0.000412148	0.323411	-3.09204	0.952686	0.988125	-1.01202	0.284599	0.799493	-1.25079	15.4313	9.90571	0.570599	1
cg20719439	0.104681	0.349187	-2.86379	0.00171752	0.0703165	-14.2214	0.0781207	0.313091	-3.19396	0.0159541	0.173658	-5.75845	5.67357	31.6278	4.95519	1
cg22236418	0.985755	1.00776	1.00776	0.0152528	0.275097	-3.63508	0.00891075	4.22686	4.22686	0.263522	1.6568	1.6568	4.18086	12.4242	2.6415	1
cg06179039	0.359245	1.11746	1.11746	5.73E-07	0.196447	-5.09042	0.628642	1.0591	1.0591	0.0140358	0.699562	-1.42947	27.772	6.10504	0.195402	1
cg03748434	?	?	?	0.0931952	1.8004	1.8004	0.375017	0.753877	-1.32648	0.475701	1.25144	1.25144	19.6621	24.9106	0.950203	1
cg06730796	0.14685	0.595458	-1.67938	0.000973446	5.12398	5.12398	0.00484412	3.46961	3.46961	0.00698399	3.1955	3.1955	11.7347	20.6044	1.56076	1
cg26955337	0.000279326	0.422913	-2.36455	0.000816694	2.0762	2.0762	0.406047	1.13097	1.13097	0.997015	1.00054	1.00054	11.6761	3.87665	0.295126	1
cg07701282	0.0346576	0.46546	-2.14841	0.00121892	0.229987	-4.34807	0.577759	1.19078	1.19078	0.0359426	0.468747	-2.13335	6.96948	10.6425	1.35735	1
cg09099572	0.169055	1.66775	1.66775	0.00471153	3.70943	3.70943	0.0459118	2.22264	2.22264	0.00607423	3.49252	3.49252	6.44639	12.441	1.71547	1
cg07125771	0.0841179	0.404223	-2.47388	0.038167	3.12318	3.12318	0.00578297	5.54988	5.54988	0.0114394	4.48148	4.48148	6.41504	22.8239	3.16256	1
cg03051411	0.00564633	1.53332	1.53332	0.045975	0.764014	-1.30888	0.0124751	0.693612	-1.44173	0.124782	1.216	1.216	5.28407	1.15909	0.194982	1
cg08715862	0.107883	0.574666	-1.74014	0.00372557	0.29024	-3.44542	0.0539556	0.501162	-1.99536	0.279772	0.701315	-1.42589	3.71173	5.86135	1.40368	1
cg04044983	0.438007	1.10108	1.10108	0.436937	1.10134	1.10134	0.365238	1.1199	1.1199	0.473542	0.915096	-1.09278	3.46693	0.813482	0.208569	1
cg07976860	0.407714	1.31982	1.31982	0.139837	1.68295	1.68295	0.00252735	3.95009	3.95009	0.0160949	2.62497	2.62497	3.87412	6.58792	1.51155	1
cg18428707	0.25189	1.17767	1.17767	0.00125884	0.525534	-1.90283	0.0510767	0.738179	-1.35468	0.476482	0.905821	-1.10397	5.42754	1.60467	0.262803	1
cg18200326	0.209713	0.839891	-1.19063	0.0049591	0.61201	-1.63396	0.10713	0.792841	-1.26129	0.674036	0.945696	-1.05742	5.0029	1.38023	0.245232	1
cg20514290	0.0719422	1.42686	1.42686	0.0945644	1.38427	1.38427	0.14368	1.32052	1.32052	0.325003	0.835395	-1.19704	12.0512	5.97678	0.440843	1
cg02048890	0.00511831	0.450576	-2.21938	2.09E-05	0.157299	-6.35733	0.433902	0.841885	-1.18781	0.958514	1.01128	1.01128	10.4773	7.70931	0.654057	1
cg16989476	0.515625	1.08241	1.08241	0.000116306	0.444291	-2.25078	0.881447	1.01809	1.01809	0.091018	1.2506	1.2506	7.36942	1.6842	0.203145	1
ch.18.672159R	0.0230035	0.28783	-3.47428	0.0174913	0.265889	-3.76097	0.796691	0.888478	-1.12552	0.177156	0.51842	-1.92894	5.25681	17.4645	2.95313	1
cg06757138	0.640025	1.09651	1.09651	0.687022	1.08245	1.08245	0.875348	0.96976	-1.03118	0.0057486	0.492598	-2.03005	3.67274	2.22561	0.538648	1
cg04265261	0.231119	0.64652	-1.54674	0.024405	0.394061	-2.53768	0.011107	0.331049	-3.0207	0.175185	0.606152	-1.64975	4.16494	7.95282	1.6973	1
cg14519621	3.06E-05	5.93692	5.93692	0.596957	0.889855	-1.12378	0.000625387	3.1592	3.1592	0.00989783	2.03939	2.03939	15.8244	11.985	0.673224	1
cg14182513	0.241445	1.31326	1.31326	0.734466	1.0786	1.0786	0.029855	0.566642	-1.76478	0.912256	1.0248	1.0248	13.0029	10.1722	0.695379	1
cg13447566	0.110646	0.775317	-1.2898	0.00238137	1.85898	1.85898	0.122647	0.782792	-1.27748	0.0144007	0.643023	-1.55515	11.1824	3.79564	0.301714	1
cg13609861	0.668487	0.926909	-1.07885	0.0685891	1.43214	1.43214	0.237945	1.24334	1.24334	0.84754	1.03449	1.03449	10.2683	5.04835	0.437016	1
cg01026196	0.185701	1.15653	1.15653	0.000213125	1.89853	1.89853	0.135018	0.846219	-1.18173	0.322522	0.899509	-1.11172	8.23417	1.40065	0.151202	1
cg11549143	0.0743982	0.59436	-1.68248	0.0010288	0.279974	-3.57176	0.554451	0.855141	-1.1694	0.640463	0.884165	-1.13101	8.15606	8.84836	0.964339	1
cg14447810	0.123083	1.34912	1.34912	0.105527	1.37299	1.37299	0.000441619	0.369857	-2.70375	0.434595	0.86683	-1.15363	6.99783	3.56136	0.452377	1
cg11443523	0.0185875	0.792101	-1.26247	0.000958088	0.669117	-1.49451	0.301685	0.916317	-1.09132	0.198795	0.895028	-1.11728	6.56933	0.693993	0.0939034	1
cg03192044	0.199435	0.751429	-1.3308	0.726402	0.928623	-1.07686	0.00915927	0.497754	-2.00903	0.0025597	0.414037	-2.41524	6.19527	4.35976	0.625533	1
cg13801201	0.832635	1.02188	1.02188	0.00214221	1.55426	1.55426	0.193563	1.15107	1.15107	0.204199	1.14687	1.14687	6.17711	1.02324	0.147245	1
cg13478737	0.0315511	0.281681	-3.55012	0.191061	0.498753	-2.005	0.000517759	0.0657854	-15.2009	0.0623951	0.348545	-2.86907	6.00203	24.0034	3.55485	1
cg23152772	0.192069	1.51803	1.51803	0.073364	1.82859	1.82859	0.913736	1.0333	1.0333	0.133478	0.613069	-1.63114	5.52902	8.00176	1.28643	1
cg14532376	0.956328	0.990328	-1.00977	0.0038343	1.99717	1.99717	0.544755	1.11493	1.11493	0.30841	0.829358	-1.20575	4.55766	2.27365	0.443433	1
cg13656701	0.951953	0.980427	-1.01996	0.00392338	0.279886	-3.57289	0.0451457	0.47047	-2.12553	0.142986	0.596643	-1.67604	4.06686	6.93174	1.51506	1
cg14366110	0.557356	1.21009	1.21009	0.0637029	0.51178	-1.95397	0.289028	0.702108	-1.42428	0.041401	0.469596	-2.12949	4.02616	6.58451	1.45372	1
cg13930388	0.267421	1.1592	1.1592	0.0283021	1.39248	1.39248	0.218523	0.847475	-1.17998	0.056308	0.758536	-1.31833	3.76455	0.974883	0.23019	1
cg10418755	0.156623	0.407548	-2.4537	0.906026	0.932429	-1.07247	0.314132	1.8528	1.8528	0.81423	1.14963	1.14963	5.45786	30.3365	4.94072	1
cg02565993	0.146116	0.307775	-3.24912	0.241983	0.396564	-2.52166	0.176363	2.96119	2.96119	0.736333	0.774732	-1.29077	4.99371	45.1138	8.03034	1
cg13694680	0.0657177	0.34092	-2.93324	0.0765327	0.35822	-2.79158	0.199172	2.02768	2.02768	0.527813	0.716547	-1.39558	3.69167	15.8748	3.82237	1
cg07777008	0.0691537	0.198069	-5.04875	0.000550554	0.0139577	-71.6449	0.0409058	6.5466	6.5466	0.468226	0.555619	-1.7998	8.452	84.8706	8.92576	1
cg07042914	0.082889	0.284937	-3.50955	0.595137	0.704224	-1.42	0.0758062	3.64009	3.64009	0.822297	0.863233	-1.15844	6.61611	44.7905	6.01771	1
cg01649773	0.0557101	0.255635	-3.91182	0.377545	0.565703	-1.76771	0.0224858	5.58367	5.58367	0.628556	0.735866	-1.35894	5.72813	35.9134	5.57302	1
cg15621260	0.0552714	0.175853	-5.68656	0.20614	0.344121	-2.90596	0.0365186	6.98694	6.98694	0.508374	0.584666	-1.71038	4.78306	48.4735	9.00837	1
cg20119891	0.0523537	0.18472	-5.41359	0.00291807	0.0437043	-22.8811	0.636412	1.43977	1.43977	0.0527332	0.185355	-5.39504	4.77023	44.2628	8.24798	1
cg04622802	0.0964891	0.300178	-3.33136	0.147663	0.359021	-2.78535	0.0855453	3.50177	3.50177	0.637418	0.731207	-1.3676	3.86073	26.589	6.12181	1
cg14387684	0.0220139	1.2914	1.2914	0.0133901	1.32998	1.32998	0.0142092	0.754564	-1.32527	0.716579	0.966627	-1.03453	5.21426	0.715774	0.12202	1
cg23863100	0.0347071	1.50984	1.50984	4.49E-06	0.171095	-5.84472	0.308511	1.1929	1.1929	0.00362298	0.517433	-1.93262	43.6124	19.3443	0.394268	1
cg24752354	0.0132553	0.474586	-2.1071	0.000396625	0.254266	-3.93289	0.774782	1.07214	1.07214	0.0350197	0.550778	-1.81561	10.0692	9.402	0.82999	1
cg09314358	0.000621132	0.464657	-2.15212	0.0210535	0.667712	-1.49765	0.0624609	0.736979	-1.35689	0.423614	0.88785	-1.12632	7.52017	2.52324	0.298248	1
cg09475324	0.0167129	0.562371	-1.77819	0.217006	0.774188	-1.29168	0.433845	1.17041	1.17041	0.557154	1.12411	1.12411	4.67818	2.87655	0.546567	1
cg11081703	0.118329	0.750683	-1.33212	0.0253802	1.56742	1.56742	0.220805	1.2432	1.2432	0.0634904	1.42319	1.42319	3.62672	1.6429	0.402666	1
cg03492495	0.267297	0.672058	-1.48797	0.00343578	0.254948	-3.92237	0.221515	1.55565	1.55565	0.0808236	0.513866	-1.94603	7.6268	14.2844	1.66483	1
cg06389867	0.315474	1.20879	1.20879	0.00294958	2.10802	2.10802	0.147128	1.32874	1.32874	0.104587	1.38278	1.38278	6.27085	3.31483	0.469875	1
cg04940695	0.0504126	0.541745	-1.84589	0.72195	0.906453	-1.1032	0.760131	1.08782	1.08782	0.0126956	0.426829	-2.34286	4.96191	5.93759	1.06368	1
cg16019558	0.0525569	2.02349	2.02349	0.0029186	3.69781	3.69781	0.00768162	2.99063	2.99063	0.116183	1.72627	1.72627	4.53742	7.34861	1.43961	1
cg02758183	0.551715	1.20773	1.20773	0.26839	1.43525	1.43525	0.887597	0.956638	-1.04533	0.999764	1.00009	1.00009	8.93513	13.9034	1.38315	1
cg13358623	0.0778843	0.526895	-1.89791	0.190011	1.5745	1.5745	0.248286	0.673876	-1.48395	0.0482307	0.47794	-2.09231	4.31342	7.30662	1.50571	1
cg01812070	0.176985	1.15721	1.15721	0.0266716	0.765509	-1.30632	4.63E-07	4.23984	4.23984	0.550845	1.06333	1.06333	29.7046	4.87016	0.145736	1
cg22687748	0.0193332	0.630908	-1.58502	0.0118209	0.599402	-1.66833	2.97E-05	3.7863	3.7863	0.432451	0.877708	-1.13933	13.6911	5.74865	0.373229	1
cg20337959	0.0273282	0.328375	-3.0453	0.0124042	0.265177	-3.77106	0.00061428	0.105433	-9.48469	0.0322053	0.343057	-2.91497	9.05412	26.0828	2.56068	1
cg02881096	0.0124494	0.506137	-1.97575	0.00042259	0.294326	-3.39759	0.226101	0.75706	-1.3209	0.49977	0.860713	-1.16183	8.10155	6.15156	0.674939	1
cg07532089	0.000793368	0.208153	-4.80416	0.00545543	0.322436	-3.10139	0.0334377	0.463238	-2.15872	0.114271	0.58747	-1.70221	5.31964	8.07812	1.34982	1
cg00490655	0.039886	0.398464	-2.50964	3.60E-06	0.0148821	-67.1948	0.0933455	0.489212	-2.0441	0.549394	1.26446	1.26446	18.8318	44.7519	2.11236	1
cg10903451	0.00148151	0.0746865	-13.3893	0.135501	2.37924	2.37924	0.139989	2.35193	2.35193	0.216557	2.00954	2.00954	8.26039	32.2829	3.41964	1
cg17789713	0.202053	1.51375	1.51375	0.0586393	0.518167	-1.92988	0.00723804	2.9054	2.9054	0.232018	0.679906	-1.47079	4.89958	7.3512	1.33366	1
cg03878133	0.125439	1.12016	1.12016	0.011169	1.24308	1.24308	0.958488	1.00357	1.00357	0.0103193	1.24746	1.24746	4.85544	0.359994	0.0659043	1
cg02506767	0.0552407	0.60957	-1.6405	0.270246	0.769909	-1.29885	0.579785	0.880387	-1.13586	0.00171168	0.36066	-2.77269	4.68918	3.85316	0.730412	1
cg05209768	0.494791	1.21929	1.21929	0.151981	1.55103	1.55103	0.264662	1.39443	1.39443	0.323875	0.747223	-1.33829	4.64924	6.02269	1.15148	1
cg19393323	0.480348	0.878476	-1.13834	0.00616004	1.90663	1.90663	0.470332	0.875778	-1.14184	0.0244554	0.616224	-1.62279	4.63215	2.39294	0.459195	1
cg18834375	0.136145	0.500672	-1.99731	0.13066	0.495005	-2.02018	0.251695	0.596976	-1.67511	0.681545	0.83715	-1.19453	4.29136	12.6137	2.61273	1
cg03603122	0.0395558	0.43226	-2.31342	0.00397211	0.255497	-3.91395	0.294	0.68148	-1.46739	0.0131081	0.338244	-2.95645	3.92321	7.71276	1.74749	1
cg06061621	0.655617	0.83925	-1.19154	0.207095	0.594857	-1.68108	0.0225508	2.90515	2.90515	0.114425	0.511533	-1.95491	3.71058	8.9576	2.14584	1
cg02741811	0.00420356	0.547767	-1.82559	0.272327	0.835783	-1.19648	0.615727	0.923622	-1.08269	3.19E-05	0.280423	-3.56604	44.9993	17.5669	0.347007	1
cg05072008	0.0791098	0.594089	-1.68325	0.00487577	2.70959	2.70959	0.000346827	4.65132	4.65132	0.00543988	0.376485	-2.65614	23.8261	26.9228	1.00442	1
cg18090103	?	?	?	1.62E-05	0.312391	-3.20112	0.815152	1.03114	1.03114	8.48E-05	2.52219	2.52219	20.699	4.99692	0.241409	1
cg23111338	0.0221613	0.394484	-2.53496	0.0372035	2.27122	2.27122	0.00925231	3.06559	3.06559	0.0316036	0.42538	-2.35084	9.1199	16.6143	1.61935	1
cg00418284	0.0764331	0.624	-1.60256	0.625548	1.12488	1.12488	0.0143852	0.485837	-2.0583	0.00111209	0.316824	-3.15633	7.82669	7.09663	0.805975	1
cg22303909	0.0821019	0.466171	-2.14513	0.0170794	0.316023	-3.16433	0.59779	0.80982	-1.23484	0.0250114	0.347662	-2.87635	6.27738	15.6069	2.20997	1
cg14084042	0.97272	1.00824	1.00824	0.000815441	0.29786	-3.35729	0.372438	1.24576	1.24576	0.273249	1.31473	1.31473	6.03752	5.5069	0.810766	1
cg03050473	0.543695	0.849787	-1.17677	0.517654	0.840544	-1.18971	0.54763	1.17485	1.17485	0.688941	0.89892	-1.11245	4.00323	4.44658	0.987333	1
cg14240098	0.263267	1.28262	1.28262	0.179806	0.737829	-1.35533	0.00479029	2.22339	2.22339	0.812925	1.0519	1.0519	5.14859	3.71415	0.641237	1
cg06074307	0.000260906	0.512199	-1.95237	0.0363123	0.762469	-1.31153	0.629491	0.947273	-1.05566	5.59E-07	0.213562	-4.68248	39.7029	7.80747	0.174797	1
cg26697033	0.0296809	0.646071	-1.54782	0.0109404	0.579795	-1.72475	0.767404	0.950637	-1.05193	2.80E-05	0.244813	-4.08475	14.6406	6.75476	0.410107	1
cg07529392	0.27708	1.30407	1.30407	0.193871	1.38104	1.38104	0.181334	1.39551	1.39551	0.00155332	0.34352	-2.91104	6.95043	6.07161	0.776497	1
cg19856499	0.0389228	0.42579	-2.34858	0.0144021	0.340528	-2.93662	0.0253851	2.58326	2.58326	0.0114261	0.32286	-3.09731	6.40995	12.9495	1.79575	1
cg18259930	0.0848766	0.49696	-2.01223	0.229796	0.629773	-1.58787	0.0095406	3.33589	3.33589	0.17652	0.59022	-1.69428	4.52073	9.64202	1.89586	1
cg02420617	0.0429329	0.534171	-1.87206	0.189864	0.688165	-1.45314	0.19638	1.44437	1.44437	0.035652	0.517818	-1.93118	4.36758	5.01104	1.01985	1
cg11869007	0.0240258	1.89315	1.89315	0.0497467	1.70011	1.70011	0.00630532	2.32451	2.32451	0.134905	0.682392	-1.46543	3.98198	3.54545	0.791442	1
cg13431962	0.639715	1.06468	1.06468	0.0957448	1.27537	1.27537	0.0237909	0.698613	-1.43141	0.296687	0.866032	-1.15469	3.67248	1.02785	0.248783	1
cg09266551	0.26759	1.1775	1.1775	0.0483211	1.37604	1.37604	0.859617	0.975265	-1.02536	0.154769	0.806173	-1.24043	3.49722	1.10865	0.281785	1
cg05238741	0.0659271	0.329996	-3.03034	0.0783277	0.34962	-2.86025	0.0444869	3.45562	3.45562	0.153647	0.440042	-2.27251	3.44616	15.7599	4.06504	1
cg13687885	0.722651	1.1006	1.1006	0.790196	0.930785	-1.07436	0.437381	0.808077	-1.23751	0.0215054	0.47577	-2.10186	11.3223	12.9745	1.0186	1
cg07620838	0.0864588	0.754679	-1.32507	0.21077	1.21649	1.21649	0.120533	1.28435	1.28435	0.424596	0.885866	-1.12884	8.13185	2.84463	0.310945	1
cg07890797	0.491054	1.12383	1.12383	0.00245412	2.02035	2.02035	0.238379	0.813736	-1.2289	0.0267789	0.645372	-1.54949	7.24919	3.19837	0.392181	1
cg15332173	0.0149779	0.449778	-2.22332	0.888804	0.96332	-1.03808	0.0151938	2.21789	2.21789	0.564594	1.1683	1.1683	6.07316	6.86318	1.00452	1
cg15983952	0.863528	1.02503	1.02503	0.00174506	1.89915	1.89915	0.0651675	1.34657	1.34657	0.223117	0.831954	-1.20199	5.75921	1.88405	0.290788	1
cg05354831	0.0267312	0.696643	-1.43546	0.0748895	1.31414	1.31414	0.00148142	0.531824	-1.88032	0.332148	0.87129	-1.14772	5.74674	1.72607	0.266983	1
cg15929181	0.0225704	0.368731	-2.712	0.00631166	0.272712	-3.66687	0.321894	0.688096	-1.45329	0.0339261	0.404732	-2.47077	5.51659	11.6594	1.87867	1
cg04016798	0.585441	0.822943	-1.21515	0.011294	3.07279	3.07279	0.865675	0.94186	-1.06173	0.0279819	0.399092	-2.50569	5.40724	8.33742	1.76217	1
cg14611727	0.298785	1.09933	1.09933	0.24854	1.1119	1.1119	0.160392	1.14097	1.14097	0.252749	0.900279	-1.11077	4.42364	0.541784	0.108866	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. 057 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 117 vs. N)	p-value(1121 vs. N)	Fold-Change(1121T vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 21T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. 047 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537T vs. 37T vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg15608244	FLIP1	0.0261286	0.0191	3.315578	-3.16876	1.147502	0.021566	-1.88123	0.210928	0.585105	-1.70909	0.01185111	0.359584	-2.78099	0.0223473	0.328556	-3.04362	0.672349	0.844162	-1.18883	0.00220143	0.189464	-5.27804	0.634529	1.21476	0.02287974	0.350502	-2.85305	4.29067	11.2352	2.32757	1
cg19954602	FLIP1	0.034081	0.407177	0.840651	-1.18955	2.25978	1.27208	1.272008	0.0516592	0.635458	-1.57367	0.86073	1.0366	1.0366	0.0105647	0.517656	1.93179	0.385345	0.833438	1.19985	0.0239217	0.576013	-1.73607	0.437617	0.850359	-1.17597	0.0329203	1.66653	1.66653	1.9044	2.59157	0.590004	1
cg16934035	FLIP1	0.0183967	0.016405	0.281463	-3.55287	0.173048	0.534364	-1.87138	0.0633559	0.405563	-2.46571	0.0344352	0.344303	-2.90442	0.0122296	0.259453	-3.85427	0.0443041	0.368425	-2.71426	0.0326314	0.339351	-2.9468	0.01966	0.29579	-3.38078	0.0625524	0.404521	-2.47206	3.7389	11.0628	2.630008	1
cg18207124	FLIP1;FIP1L1;FIP1L1	0.000287112	0.000923146	0.228116	-4.38376	0.00100129	0.232458	-4.30186	0.000176558	0.147939	-6.67964	0.033751	0.47688	-2.09696	0.0101638	0.379706	-2.63305	0.0026585	0.345368	-2.89546	1.84E-05	0.0756562	-13.5766	0.00629717	0.0454905	-2.8844	0.00265707	0.288979	3.460496	16.6489	23.52071	2.25758	1
cg04602787	FIP1L1;FIP1L1;FIP1L1	0.00111188	331	0.913902	-1.09421	0.796092	1.023562	1.023562	0.00384869	1.41852	1.41852	1.59334	1.144553	1.144553	0.638649	1.04337	1.04337	0.294536	0.907026	-1.1025	6.33E-05	0.516424	-1.96939	0.00504749	0.716882	-1.39493	0.0326638	1.095116	11.44173	1.145687	0.113424	1
cg15840256	FIP1L1;FIP1L1;FIP1L1	0.00341183	0.344579	1.05693	1.05693	0.296836	0.940334	-1.06345	0.0752777	1.19324	1.19324	0.7534071	0.10809	0.10809	0.161634	0.918503	-1.08873	0.0143514	1.18731	1.18731	0.000121879	0.682795	-1.46457	0.371879	0.949189	-1.05353	0.4665758	0.958736	-1.04304	8.23641	0.422007	0.0455438	1
cg11143953	FIP1L1;FIP1L1;FIP1L1	0.0104384	0.0988527	0.37969	-2.63373	0.163948	0.451649	-2.21411	0.03629	0.271818	-3.67893	0.578475	1.35033	1.35033	0.00114581	0.0774301	-12.9149	0.678811	0.800249	-1.24961	0.00101842	0.0737408	-13.561	0.329051	0.583293	-1.7144	0.139086	0.426565	-2.34431	5.82993	26.4418	4.03158	1
cg13883904	FIP1L1;FIP1L1;FIP1L1	0.0115401	0.0609612	1.639741	1.663591	0.0194947	0.465037	-2.17379	0.00451693	0.388472	-2.57418	0.0101445	1.74237	1.74237	0.049588	1.74967	1.74967	0.667332	0.807547	1.11415	0.0018951	1.33007	1.23907	0.00742319	0.6133321	-1.60047	0.8218552	0.964439	-1.0566	5.4445	5.581038	0.8789	1
cg16987556	FIP1L1;FIP1L1;FIP1L1	0.021127	0.181888	0.562299	-1.67701	0.0318663	0.230089	-3.46615	0.932042	0.969364	-1.0316	0.2945385	1.12393	1.12393	0.0898289	0.466094	-2.14549	0.223627	0.627231	-1.59341	0.00195788	0.230489	-4.33975	0.0454108	0.432922	-2.30988	0.292096	0.670065	-1.49239	4.61751	9.73112	1.87366	1
cg02987906	FIP1L1;FIP1L1;FIP1L1	0.0294573	0.290583	0.545637	-1.83272	0.0232186	0.223425	-4.47577	0.0759231	0.335885	-2.97721	0.251098	0.515647	-1.93931	0.0145712	0.180781	-5.26922	0.577927	0.733105	-1.36406	0.00176807	0.0854561	-11.7012	0.345873	0.511526	-1.95493	0.0336307	0.253936	-3.93799	4.11338	19.8753	4.29469	1
cg19408398	FIP1L1;FIP1L1;FIP1L1	0.0315501	0.218339	0.432909	-2.31006	0.0258228	0.255546	-3.92035	0.0232259	0.197754	-5.05679	0.0196098	0.296998	-3.36705	0.0180507	0.199595	-5.00925	0.501485	1.643284	1.643284	0.0147452	0.0146469	-5.44626	0.0171281	1.163641	0.0143997	0.360264	2.775574	3.94362	26.119	5.88721	1
cg20325293	FIP1L1;FIP1L1;FIP1L1 FIP1L1;FIP1L1;FIP1L1;FIP1L1;FIP1L1;FIP1L1;FIP	0.0405467	0.374431	0.812509	-1.23076	0.00114903	0.33679	-2.96921	0.470786	0.848201	-1.17897	0.287635	0.777688	-1.28586	0.938984	0.982716	-1.01759	0.9085	1.02653	1.02653	0.62642	1.59878	1.59878	0.602694	0.887273	-1.12705	0.633071	0.896248	-1.11576	3.66475	3.01042	0.730181	1
cg17483361	IL1	0.0148704	0.11443	0.741436	-1.34873	0.629766	1.08832	1.08832	0.283899	1.21407	1.21407	0.57872	0.906894	-1.10266	0.81418	1.04188	1.04188	0.19813	0.789	-1.26743	0.000343774	0.366393	-2.72931	0.8280558	1.03863	1.03863	0.2185838	1.25295	1.25295	5.19558	2.49819	0.427405	1
cg19988637	FIS1	0.0130451	0.0614153	2.247447	-4.04127	0.173415	0.386271	-2.58886	0.0189577	0.148758	-6.72231	?	?	?	?	?	?	0.0355082	0.343188	-2.91386	0.00104286	0.153098	-6.58161	0.0753629	0.421037	-2.37509	0.0351173	0.342156	-2.92264	5.41258	16.365	2.68757	1
cg19944572	FIS1;FIS1	0.013125	0.20995	0.564418	-1.77121	0.0407053	0.154252	-6.48506	0.0164355	0.0975	-10.2564	0.289105	0.6547294	1.585953	2.50995	0.0050273	0.197334	-5.06754	0.625991	0.939615	-1.06427	0.198435	1.18809	1.18809	0.725444	0.956273	-1.04573	0.0112542	0.668547	-1.49578	4.80935	1.12483	0.226379	1
cg03996577	FIS1;FIS1	0.0215247	0.672279	1.05193	1.015939	0.0994656	1.00008	1.00008	0.0261238	0.729403	-1.38236	0.0942301	1.25322	1.25322	0.0270377	0.72668	-1.37612	0.153552	0.820663	-1.21868	0.0753626	1.27492	1.27492	0.106968	0.8508327	-1.24096	0.0746974	1.42589	1.42589	4.58815	1.00964	0.221877	1
cg02763755	FIS1;FIS1	0.0271646	0.163749	0.394487	-1.95467	0.172203	0.13651	1.9655	0.548929	1.32554	1.32554	0.4833177	1.39242	1.39242	0.0226005	0.143901	-6.94924	0.0607691	0.374449	-2.67044	0.00559	0.0330779	0.3141311	-3.18338	0.9032063	1.05813	1.05813	0.627557	0.796768	-1.25507	4.32063	14.4753	3.03994	1
cg01299997	FIS1	0.0282115	0.0159383	0.230802	-4.33271	0.0039419	0.145468	-6.87437	0.0429059	0.314048	-3.18423	0.150014	0.464373	-2.15344	0.0365204	0.298796	-3.34677	0.104813	0.414316	-2.41361	0.0208571	0.2510006	-3.98397	0.0643631	0.3559943	-2.80944	0.0254701	0.267184	-3.74273	4.17669	16.3443	3.47837	1
cg19802458	FIS1	0.0301501	0.0651865	0.555631	-1.81281	0.0384037	0.38287	-2.62587	0.0187422	0.144883	-6.89955	0.0512991	-1.19575	0.434499	0.462823	-2.16092	0.311857	0.405153	0.4482	-2.23096	0.0104175	0.195806	-5.10645	0.0468613	0.5208064	-1.92084	0.1845102	0.551247	1.49847	0.15224	0.630827	1.58587	1.16239	1
cg02701985	FIS1;FIS1	5.64E-06	0.215542	0.846026	-1.182	0.837473	0.197997	-1.0267	0.00422682	0.63441	1.63441	0.406823	1.11499	1.11499	0.175416	0.831244	-1.20302	8.57E-08	0.10419	-9.59786	4.04E-05	0.365911	-2.7329	0.0187757	0.6940434	-1.44085	0.228467	0.850326	-1.17602	40.0594	12.2634	0.231639	1
cg13167816	FITM1	0.0009029519	0.144706	0.846422	-1.18164	0.587825	0.15898	-6.29063	0.0188398	0.0852827	0.671383	0.75014	0.0009668688	0.0009668688	0.0005776916	0.591442	0.59127	0.0002626647	0.179018	-5.58618	0.0122552	1.3919	1.3919	0.0404448	0.7773215	-1.28648	0.0306643	0.763182	-1.31033	0.163315	2.64586	0.1029491	1
cg03047995	FITM1	0.00375339	0.00159282	0.218745	-4.57154	0.329282	1.40176	1.40176	0.0448588	0.461933	-2.16482	0.725777	0.888585	-1.12538	0.0129226	0.355175	-2.81551	0.593001	1.19839	1.19839	0.000521306	0.162888	-6.13937	0.950499	0.97939	-1.02104	0.00686348	0.309038	3.23585	8.00429	14.2645	1.58409	1
cg22918700	FITM1	0.0113095	0.918556	0.96351	-1.03786	0.0355336	2.43117	2.43117	0.393216	0.727761	-1.37408	0.115759	0.537312	-1.86111	0.0114162	0.175859	-5.68636	0.927135	0.967312	-1.03379	0.00370355	0.0240525	-41.5757	0.644777	0.844783	-1.18374	0.2573911	0.650863	-1.53642	5.68144	11.879	1.85852	1
cg20306574	FITM1	0.0303026	0.136949	0.417028	-2.39852	0.259305	0.609358	-1.64115	0.0675	0.246245	0.240245	-4.16025	0.240245	-4.16025	0.240245	-4.16025	0.240245	0.202018	0.561594	-1.78101	0.0010021	0.143378	-6.97458	0.37399	0.675871	-1.47957	0.0390032	0.358786	-2.78774	4.02728	11.87	2.59006	1
cg06186808	FITM1	0.0382862	0.1696061	0.762687	-1.31115	0.738806	1.06392	1.06392	0.702915	0.931506	-1.07353	0.862347	1.03266	1.03266	0.0185375	0.589234	-1.69686	0.0138343	1.75641	1.75641	0.0467087	1.52452	1.52452	0.726778	1.06751	1.06751	0.0961201	0.712948	-1.40263	3.74285	2.03237	0.482668	1
cg10327980	FITM1	0.0443488	0.0297934	0.328558	-3.08079	0.0814125	-1.18606	0.984283	0.0275596	0.393217	-2.54287	0.0376344	0.2993153	-3.33979	0.0084511	0.1080634	-9.25482	0.796207	0.894618	-1.1178	0.0205604	0.2429912	-4.11648	0.0422912	0.446094	-2.23817	0.0729539	0.429182	-2.32956	3.46858	1.48068	10.2315	2.606537	1
cg16178526	FITM2	0.0034224	0.0198367	0.772283	-1.29486	0.0282105	1.26888	1.2688	0.00174943	1.50661	1.50661	0.00455167	0.706667	-1.41509	9.35E-05	0.5272515	1.89676	0.2074926	0.766649	-1.30438	0.0357607	0.798925	-1.25168	0.0528172	1.22412	1.22412	0.0263941	1.27366	1.27366	15.8667	2.12122	0.118835	1
cg18425506	FITM2	0.00134709	0.000422683	0.122491	-8.16389	0.457602	0.752502	-1.3289	0.880301	0.944929	-1.05828	0.00362315	0.227638	-4.39295	0.00770109	0.27614	-3.62136	0.0209675	0.352006	-2.84086	0.000127893	0.0817253	-12.2361	0.530304	0.7874437	-1.26994	0.00620911	0.2615239	-3.82367	10.8083	24.1895	1.98937	1
cg18725681	FITM2	0.0129637	0.0159082	0.2139	-4.67335	0.0033245	0.14453	-6.9213	0.677634	1.14553	1.14553	0.67634	1.11656	0.6678205	0.4723322	-2.11656	0.2410082	0.2373455	0.2374476	-4.21389	-1.36485	0.0042268	0.2455935	-4.07175	0.006245	0.057716	-1.04415	0.4251	0.15746	0.892977	1.89297	1
cg15287594	FITM2	0.0160935	0.015738	0.34923	-2.86345	0.699146	0.871058	-1.14803	0.995877	1.00184	1.00184	0.204133	0.370318	-2.70024	0.00974697	0.312859	-3.19633	0.126294	0.555456	-1.80032	0.00263842	0.227796	-4.38989	0.0272782	0.395117	-2.5309	0.0198256	0.367016	10.1287	1.77889	1
cg00962499	FITM2	0.0190795	0.0127586	0.196379	-5.09376	0.0450676	0.48341	-2.06916	0.0475516	0.176785	0.176785	0.03523	0.176785	0.03523	0.176785	0.03523	0.176785	0.0322454	0.505004	-1.98017	0.0009255	0.2533332	-3.94953	0.0208232	0.448534	-2.22948	0.4694456	0.780882	-1.28064	2.8008	0.7452	0.187	1
cg02947232	FITM2	0.0364826	0.0112444	0.135333	-7.3892	0.417824	0.593682	-1.6844	0.015104	0.152537	-6.55577	0.0383296	0.220571	-4.53368	0.0300495	0.2004487	4.98785	0.199457	0.425816	2.34843	0.00800282	0.117618	-8.50213	0.4022	0.582794	-1.71587	0.0645656	0.270492	-3.69697	3.80935	23.9276	5.58337	1
cg03609568	FITM2	0.0470591	0.492186	0.832584	-1.20108	0.574796	1.16053	1.16053	0.00775088	2.45523	2.45523	0.703679	1.10558	1.10558	0.0453248	0.703074	4.79839	0.953527	1.01543	1.01543	0.0186398	0.478207	-2.11503	0.673154	1.11788	1.11788	0.0483602	1.80848	1.80848	4.96377	3.78778	0.971197	1
cg20160086	FITM2;FITM2	0.00866607	0.833109	0.94574	-1.05728	0.776357	1.13763	1.13763	0.213967	1.31493	1.31493	0.0998	1.0082587	1.0082587	0.0366668	1.2577616	1.70146	0.2324602	1.12911	1.12911	0.0079845	0.2749	1.27499	1.27499	0.2354549	0.7871	0.2536863	1.82977	-1.52911	0.2536863	0.87677	-1.14061	0.604709	0.943602	0.2011459	0.179613	1
cg02862550	FIZ1	8.66E-05	0.023912	0.647683	-1.54396	0.0155709	1.61304	1.61304	0.0305124	1.50645	1.50645	0.139162	0.773709	-1.29248	2.00E-06	0.15074	-6.63396	0.00211586	0.498332	-2.00669	0.174551	1.2621	1.2621	0.471376	1.12535	1.12535	0.88598	0.977139	-1.0234	23.0088	9.46712	0.36574	1
cg19424600	FIZ1	0.00111251	0.00135966	0.154446	-6.47433	0.0126099	0.483683	-1.44983	0.0126099	0.0013	0.0013	0.000145	0.013737	0.013737	0.0010845	0.0078564	-12.8358	0.0058505	0.029314	-3.41E-05	0.0385247	-2.57369	-2.7067	0.0018115	0.0070507	-1.0842	2.88E-05	0.0266666	0.0114659	0.49647	0.0266	0.0266	0.0266	1
cg14199827	FIZ1	0.000151147	0.000197649	0.216222	-4.61633	0.750877	0.107851	1.08101	0.00794741	0.450653	-2.29852	0.929391	0.978559	-1.02191	1.07E-05	0.1004222	9.95798	0.000391996	0.251161	-3.98151	0.00331099	0.242366	-4.12599	0.225668	0.732592	-1.36502	0.00546855	0.409213	4.44372	19.8162	18.77	0.841962	1
cg26770281	FIZ1	0.00125418	0.861234	0.979521	-1.02091	0.525626	0.926762	-1.07903	0.0107074	1.46131	1.46131	0.307121	0.882471	-1.13318	0.00642216	0.657536	-1.52083	9.43E-05	0.439142	-2.27717	0.204744	1.17146	1.17146	0.739849	0.961358	-1.0402	0.00247133	0.607969	-1.64482	11.0317	2.44349	0.196886	1
cg08182543	FIZ1	0.00126421	0.00126421	0.174587	-5.72662	0.0139088	0.23942	-4.17645	0.0139088	0.0012	0.0012	0.000142	0.012742	0.012742	0.0010064	0.0072832	-13.7372	0.0054263	0.027194	-3.68E-05	0.0385247	-2.59603	-2.7067	0.0016805	0.0065406	-1.0842	2.72E-05	0.0247012	0.0106431	0.49647	0.0247	0.0247	0.0247	1
cg04306135	FIZ1	0.0107783	0.302111	0.7828	-1.28489	0.169136	0.70929	-1.40986	0.234636	0.746681	-1.33926	0.161668	0.538304	-1.85803	0.0078641	0.1419697	0.0108743	0.0108815	0.475294	-2.10413	0.0074504	0.1014774	0.3525131	2.83663	0.0108815	0.475294	-2.10413	0.0074504	0.1014774	0.3525131	2.83663	0.0108815	0.475294	1
cg12559148	FIZ1	0.0218417	0.0012643	0.1	-9.98241	0.0012643	0.14287	-6.98327	0.0012643	0.14287	0.14287	0.012643	0.14287	0.012643	0.14287	0.012643	0.14287	0.0012643	0.14287	0.012643	0.14287	0.012643	0.14287	0.012643	0.14287	0.012643	0.14287	0.012643	0.14287	0.012643	0.14287	0.012643	0.14287	0.012643	1
cg14970049	FIZ1;FIZ1;ZNF524	0.00332715	0.391918	0.937688	-1.06645	0.818244	-1.01703	1.01703	0.808914	1.01793	1.01793	0.128673	1.128	1.128	0.251252	1.09191	1.09191	0.0143774	0.801458	-1.24773	7.36E-05	0.589397	-1.69665	0.637953	1.03538	1.03538	0.717427	0.973694	-1.02702	2.89847	0.707119	0.0757429	1
cg00144186	FIX1	9.29E-05	0.113889	0.949192	-1.17795	0.649373	0.934125	-1.18606	0.984283	0.970218	0.970218	0.107597	0.970428	0.107597	0.970428	0.107597	0.970428	0.7762007	0.894618	-1.1178	0.0205604	0.2429912	-4.11648	0.0422912	0.446094	-2.23817	0.0729539	0.429182	-2.32956	3.46858	1.48068	10.2315	2.606537	1
cg13741201	FIX1	0.0198375	0.0044223	0.418857	-2.38694	0.0015902	0.18932	-5.28102	0.0044223	0.0012	0.0012	0.000142	0.012742	0.012742	0.0010064	0.0072832	-13.7372	0.0054263	0.027194	-3.68E-05	0.0385247	-2.59603	-2.7067	0.0016805	0.0065406	-1.0842	2.72E-05	0.0247012	0.0106431	0.49647	0.0247	0.0247	0.0247	1
cg04573276	FIX1	0.0219898	0.323971	0.697998	-1.43267	0.00126864	0.25847	1.25847	0.791662	1.09795	1.09795	0.25313	1.55146	1.55146	0.441664	0.758124	-1.31905	0.0843438	1.96193	1.96193	0.0761281	0.498299	-2.00683	0.401132	0.738363	-1.35435	0.148677	1.72757	1.72757	4.55666	8.98635	1.75378	1
cg21294471	FIX1	0.0106961	0.747902	1.07455	1.074552	0.0155544	1.07686	1.07686	0.0155544	1.08245	1.08245	0.030161	1.07508	0.1552308	0.0155544	1.13292	1.13292	0.0414004	0.2410082	0.2374476	-4.21389	-1.36485	0.0042268	0.2455935	-4.07175	0.006245	0.057716	-1.04415	0.4251	0.15746	0.892977	1.89297	1
cg08714753	FIX1	0.0438661	0.0639343	0.726948	-1.37561	0.111377	0.30419	1.30419	0.281157	1.18714	1.18714	0.341596	0.860644	-1.16192	0.112054	1.30342	1.30342	0.64264	0.930938	-1.07419	0.01434	0.629799	-1.58781	0.0314561	0.679483	-1.47171	0.895542	0.980084	-1.02032	3.55931	1.32214	0.330187	1
cg20237910	FIX1	0.0449248	0.295798	1.12129	1.112129	0.417245	1.014914	1.014914	0.136591	1.18453	1.18453	0.241745	1.18133	1.18133	0.0217564	1.13774	1.13774	0.394934	1.25194	1.25194	0.585038	0.86745	-1.1528	0.821085	1.06015	1.06015	0.3880113	1.26241	1.26241	5.57143	4.75816	0.936257	1
cg04059520	FIX1;FIX1	0.0143151	0.1233529	1.17203	1.172377	1.50377	1.50377	1.503774	0.00872162	1.64563	1.64563	0.245745	1.64563	1.64563	0.245745	1.505305	0.6315777	-1.57834	0.0037803	0.5650967	-2.73923	0.953527	1.01543	1.01543	0.0186398	0.478207	-2.11503	0.673154	1.11788	1.11788	0.0483602	1.80848	1.80848	4.96377	3.78778	0.971197	1
cg27351780	FIX1;FIX1	0.0103021	0.177457	1.36252	1.362521	0.0770453	0.476073	-2.09173	0.409556	1.19964	1.19964	0.505774	0.8644	-1.15687	0.0404122	0.443379	-2.25541	0.0081511	0.1039	1.0539	0.651643	0.908569	-1.10306	0.135438	1.41524	1.41524	0.639683	0.903247	-1.10712	4.07231	3.00414	0.655733	1
cg13164831	FKBP10	0.0297519	0.439498	0.8	-1.25012	0.0962743	0.0	0.0	0.0962743	0.0	0.0	0.0962743	0.0	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	1
cg23796525	FKBP10	0.0252337	0.00757515	0.211869	-4.7199	0.0531438	0.370612	-2.69824	0.054502	0.373245	-2.6792	0.636952	0.806728	-1.23958	0.0105362	0.233615	4.28055	0.201328	0.543564	-1.83971	0.0049341	0.185965	-5.37737	0.564008	0.768376	-1.30145	0.0279577	0.309393	-3.23214	4.34315	14.0381	2.8731	1
cg11328697	FKBP10	0.0167305	0.0122213	0.106624	-9.29867	0.0164277	0.126477	-7.90625	0.0164277	0.0012	0.0012	0.000142	0.012742	0.012742	0.0010064	0.0072832	-13.7372	0.0054263	0.027194	-3.68E-05	0.0385247	-2.59603	-2.7067	0.0016805	0.0065406	-1.0842	2.72E-05	0.0247012	0.0106431	0.49647	0.0247	0.0247	0.0247	1
cg02199239	FKBP10;SCS5	0.00015374	2.27E-06	0.0260104	-38.4462	0.329088	0.727238	-1.37507	0.200095	1.53418	1.53418	0.704897	0.340485	-2.93698	0.00203681	0.252793	3.9558	0.0242195	0.626371	-1.5965	0.00012946	0.28081	-3.56113	0.0599295	0.669059	-1.49464	0.026392	0.60743	-1.64628	7.0485	4.00202	0.504696	1
cg13760044	FKBP10;SCS5	0.0059408	0.0095302	0.1	-9.98241	0.0012643	0.12742	-7.84826	0.0012643	0.0012	0.0012	0.000142	0.012742	0.012742	0.0010064	0.0072832	-13.7372	0.0054263	0.027194	-3.68E-05	0.0385247	-2.59603	-2.7067	0.0016805	0.0065406	-1.0842	2.72E-05	0.0247012	0.0106431	0.49647	0.0247	0.0247	0.0247	1
cg19190217	FKBP11;FKBP11;FKBP11	2.88E-06	0.00161739	3.729	3.729	0.33264	0.74748	-1.33783	4.68E-06	0.047002	-21.2349	2.07E-06	0.30358	0.00358	0.0660533	1.82302	1.82302	0.343831	1.3284	1.3284	1.33E-06	0.0727197	1.0883	1.0883	0.588709	0.853015	-1.17231	55.9384	75.1347	1.19393	1
cg01612057	FKBP11;FKBP11;FKBP11	5.57E-05	0.857659	1.1241	1.124101	0.56461	1.56437	1.564372	0.0001	2.56145	2.56145	0.64706	2.56145	2.56145	0.64706	2.56145	2.56145	0.2564777	2.64E-06	0.0470294	0.0001004	0.1183927	0.0150555	0.0648847	0.076428	-1.30842	0.3132136	1.35011	1.35011	0.425757	0.94346	0.2642	0.0618	1
cg15147435	FKBP11;FKBP11;FKBP11	0.00260349	0.368074	0.790504	-1.26502	0.0111309	0.445214	-2.24611	0.618142	0.880043	-1.13631	1.66E-05	0.94838	0.94838	0.494743	0.838369	-1.19279	0.0956252	0.627847	-1.59274	0.00027346	0.219563	-4.55449	0.108508	0.640724	-1.56073	0.446872	0.821081	1.21791	17.0998	57.51	0.910212	1
cg03566156	FKBP11;FKBP11;FKBP11	0.00033059	0.246106	0.785478	-1.27311	0.0504324	2.09231	2.09231	0.00790998	0.507596	-1.97007	0.680527	0.920888	-1.08591	0.00117733	0.282377	-3.54136	0.0038465	0.460505	-2.17153	0.00108688	0.253708	3.8864	0.0325163	0.607647	-1.64569	0.0011214	0.184822	-2.5986	15.9855	10.0322	0.557851	1
cg21508259	FKBP11;FKBP11;FKBP11	0.000585204	0.490801	0.8	-1.25012	0.0962743	0.0	0.0	0.0962743	0.0	0.0	0.0962743	0.0	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	0.0962743	0.0	1
cg21672339	FKBP11;FKBP11;FKBP11	0.00122997	0.020449	0.453959	-2.20284	0.00360181	0.328149	-3.04739	0.00399972	0.334991

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07067171	FKBP9	0.0456718	0.508141	1.15088	1.15088	0.283022	1.26301	1.26301	0.337811	0.813147	-1.22979	0.140336	1.39384	1.39384	0.344217	1.22624	1.22624
cg08735193	FKBP9L;FKBP9L;FKBP9L	0.0232475	0.167748	0.775569	-1.28938	0.0149155	1.67785	1.67785	0.354484	0.848179	-1.179	0.0636757	0.697407	-1.43388	0.592703	1.09783	1.09783
cg01077623	FKBP9L;FKBP9L;FKBP9L	0.0340983	0.00367072	0.453038	-2.20732	0.882662	1.03022	1.03022	0.882129	0.970536	-1.03036	0.0761871	0.671856	-1.48841	0.0610775	0.653461	-1.53031
cg02953960	FKBP9L;FKBP9L;FKBP9L;FKBP9L	0.0497321	0.0675674	0.541662	-1.84617	0.00985134	0.376596	-2.65536	0.0312915	0.469356	-2.13058	0.294973	1.38426	1.38426	0.0778599	0.556197	-1.79792
cg07790778	FKBPL	0.000109622	9.63E-05	0.0921259	-10.8547	0.374077	1.36833	1.36833	0.0029562	0.245993	-4.06515	0.0470974	0.457965	-2.18357	2.18E-05	0.0532813	-18.7683
cg09357822	FKBPL	0.00216544	0.738513	1.05203	1.05203	0.00104793	0.479867	-2.08391	0.00165793	0.505891	-1.97671	0.166489	1.25026	1.25026	0.0322723	1.46168	1.46168
cg24746997	FKBPL	0.00818415	0.0381513	0.31896	-3.13519	0.194304	0.532279	-1.87872	0.896507	0.94312	-1.06031	0.212545	0.547736	-1.8257	0.0559677	0.360469	-2.77416
cg16437896	FKBPL	0.0104724	0.0226056	0.854812	-1.16985	0.0183693	0.848398	-1.17869	0.799444	0.985478	-1.01474	0.341	0.945179	-1.058	0.120931	0.907887	-1.10146
cg03514937	FKBPL	0.0111859	0.623408	0.853456	-1.17171	0.611112	0.84858	-1.17844	0.0102723	0.354985	-2.81702	0.110296	0.572794	-1.74583	0.00905763	0.345748	-2.89228
cg18879780	FKBPL	0.0142372	0.0032476	0.194054	-5.15321	0.0262033	2.86375	2.86375	?	?	?	0.199392	1.70043	1.70043	0.0747234	2.18979	2.18979
cg06033773	FKBPL	0.0189343	0.715211	1.0353	1.0353	0.0337125	0.790724	-1.26466	0.101581	0.843913	-1.18496	0.0981829	0.842199	-1.18737	0.369619	1.09115	1.09115
cg18080528	FKBPL	0.031595	0.862917	0.957439	-1.04445	0.0156361	2.10827	2.10827	0.00175401	3.07167	3.07167	0.878062	1.0394	1.0394	0.24476	1.35829	1.35829
cg00587466	FKBPL;FKBPL	0.000120069	0.10419	0.864998	-1.15607	0.00121591	0.679372	-1.47195	0.109085	1.15333	1.15333	5.12E-05	0.538405	-1.85734	0.688921	0.967681	-1.0334
cg13099644	FKBPL;FKBPL	0.0129884	0.284924	1.11032	1.11032	0.393025	1.08593	1.08593	0.696458	0.963739	-1.03763	0.608162	1.04993	1.04993	0.0758615	0.830161	-1.20459
cg07751803	FKRP;FKRP	0.000141421	0.0763426	0.753809	-1.3266	9.36E-05	0.368427	-2.71424	0.000587392	0.467052	-2.14109	0.000877144	0.489147	-2.04437	5.60E-06	0.230273	-4.34268
cg12156512	FKRP;FKRP	0.00277175	0.530369	0.856632	-1.16736	0.638407	0.891154	-1.12214	0.0238868	0.518793	-1.92755	0.0329636	0.54487	-1.8353	6.29E-05	0.166288	-6.01367
cg06857263	FKRP;FKRP	0.0075093	0.0154079	2.17774	2.17774	0.0215518	2.05971	2.05971	0.181541	1.44958	1.44958	0.0355504	1.89756	1.89756	0.841022	0.948783	-1.05398
cg02743950	FKRP;FKRP	0.0189235	0.226696	1.349	1.349	0.766094	0.932055	-1.0729	0.0267739	0.538557	-1.85682	0.0197833	0.514916	-1.94206	0.78735	0.93822	-1.06585
cg15763916	FKRP;FKRP	0.028059	0.0464944	0.704203	-1.42004	0.73408	0.948911	-1.05384	0.854128	0.972091	-1.02871	0.128561	0.77675	-1.28742	0.000847483	0.462328	-2.16297
cg14799446	FKRP;FKRP;STRN4;STRN4	0.000387062	0.00360731	0.586054	-1.70633	0.0023607	0.562578	-1.77753	0.410459	1.12092	1.12092	0.111689	1.26483	1.26483	0.0021837	0.558281	-1.79121
cg05227434	FKRP;FKRP;STRN4;STRN4	0.00667563	0.00057884	0.571768	-1.74896	0.729671	1.0371	1.0371	0.401256	1.09441	1.09441	0.403906	0.914217	-1.09383	0.83406	1.02227	1.02227
cg02690316	FKRP;FKRP;STRN4;STRN4	0.0416082	0.815308	0.979959	-1.02045	0.241503	0.899358	-1.1119	0.307846	0.912719	-1.09563	0.0157358	0.774089	-1.29184	0.174691	0.88258	-1.13304
cg14544983	FKRP;STRN4;STRN4;FKRP	0.000807574	0.187969	0.829802	-1.20511	0.11101	0.792809	-1.26134	0.0378202	0.724651	-1.37997	0.079891	0.771154	-1.29676	1.42E-05	0.298541	-3.34962
cg00561338	FKSG83	1.02E-06	6.92E-05	0.218062	-4.58584	1.91E-06	0.073225	-13.6565	3.73E-05	0.187284	-5.33947	?	?	?	1.45E-07	0.0222074	-45.03
cg09240001	FKSG83	0.000855872	0.922049	0.952617	-1.04974	0.00652519	0.173257	-5.77178	0.00258894	0.1261	-7.93019	0.00530328	0.161638	-6.18666	0.00123943	0.0962147	-10.3934
cg07968979	FKSG83	0.00928777	0.517223	0.872216	-1.1465	0.237925	0.773055	-1.29357	0.0229801	0.567621	-1.76174	0.294432	0.797385	-1.2541	0.000312781	0.296144	-3.37673
cg04988917	FKSG83	0.0218085	0.0545171	0.220504	-4.53507	0.00583611	0.081942	-12.2038	0.136064	0.328492	-3.04422	0.190127	2.61619	2.61619	0.0169691	0.132932	-7.52264
cg13772070	FKTN;FKTN	0.0434271	0.0372898	1.52096	1.52096	0.0325417	0.647881	-1.54349	0.224828	0.801582	-1.24753	0.291484	1.20911	1.20911	0.0298484	1.55799	1.55799
cg00663000	FLAD1;FLAD1	0.000200598	0.000263261	0.240639	-4.1556	0.00327496	0.385918	-2.59123	0.000355283	0.256106	-3.90463	0.000178403	0.221302	-4.51872	4.45E-05	0.159253	-6.27932
cg03983913	FLAD1;FLAD1	0.00346898	0.147065	0.730779	-1.3684	0.0946356	0.690533	-1.44816	0.876702	1.03179	1.03179	0.912747	0.978149	-1.02234	0.0440495	0.627277	-1.59419
cg17752030	FLAD1;FLAD1	0.0036584	0.85033	0.952685	-1.04966	0.00655967	2.47444	2.47444	0.390464	1.25331	1.25331	0.835014	0.947893	-1.05497	0.8509	0.952864	-1.04947
cg03806868	FLAD1;FLAD1	0.00988754	0.088239	0.2953	-3.38639	0.0497148	0.234194	-4.26996	0.0255167	0.17889	-5.59004	0.368423	0.549337	-1.82038	0.00710237	0.104854	-9.53709
cg08260299	FLAD1;FLAD1	0.0159236	0.381301	0.852275	-1.17333	0.0223876	0.614422	-1.62754	0.00627139	0.530509	-1.88498	0.167038	1.29982	1.29982	0.00358815	0.495572	-2.01787
cg08140891	FLAD1;FLAD1	0.0178984	0.728491	0.972798	-1.02796	0.0914938	0.863236	-1.15843	0.431636	1.06558	1.06558	0.0156029	1.26447	1.26447	0.708272	1.03019	1.03019
cg21809257	FLAD1;FLAD1	0.0182215	0.0347825	0.719408	-1.39003	0.0876769	0.777009	-1.28699	0.0574945	0.750111	-1.33314	0.0724358	0.764686	-1.30773	0.00521775	0.61062	-1.63768
cg12459491	FLAD1;FLAD1	0.0489716	0.0930757	1.25941	1.25941	0.0137729	1.46246	1.46246	0.0326036	1.36643	1.36643	0.653107	1.0581	1.0581	0.0589344	1.30509	1.30509
cg09937642	FLAD1;LENEP;FLAD1	0.00533029	0.00504055	0.330286	-3.02768	0.471818	1.24433	1.24433	0.159909	0.638594	-1.56594	0.02285	0.443354	-2.25553	0.00528284	0.333456	-2.9989
cg23840493	FLAD1;LENEP;FLAD1	0.00904797	0.0854859	0.550617	-1.81615	0.00922471	2.82199	2.82199	0.338902	0.733865	-1.36265	0.427915	0.775643	-1.28925	0.00285492	0.275648	-3.62781
cg21637653	FLCN	0.000210788	0.140636	0.65318	-1.53097	0.000545743	0.236087	-4.23573	0.225873	0.710529	-1.4074	6.98E-05	0.142097	-7.03746	6.54E-05	0.139547	-7.16602
cg12319098	FLCN	0.0339073	0.757329	1.07908	1.07908	0.0133651	2.12216	2.12216	0.00729496	2.33879	2.33879	0.771687	0.931048	-1.07406	0.548755	0.861579	-1.16066
cg12246564	FLCN;FLCN	0.000604539	0.234337	1.09239	1.09239	0.434005	1.05822	1.05822	0.0948337	0.877988	-1.13897	0.0259913	1.20599	1.20599	0.00391057	0.759349	-1.31692
cg04863514	FLCN;FLCN	0.00320587	0.232602	1.39547	1.39547	0.0580029	1.76908	1.76908	0.0015022	3.38001	3.38001	0.150718	1.50683	1.50683	0.00435985	0.362798	-2.75636
cg06796825	FLCN;FLCN	0.0261996	0.256076	1.11331	1.11331	0.144775	1.15234	1.15234	0.846301	1.01773	1.01773	0.378568	1.08523	1.08523	0.831486	1.01948	1.01948
cg25564901	FLCN;FLCN;FLCN;FLCN	0.000809572	0.0925327	0.878081	-1.13885	0.00244922	1.34451	1.34451	0.09298	1.1386	1.1386	0.724497	1.02516	1.02516	0.000450989	1.47469	1.47469
cg26390526	FLG	5.17E-05	5.71E-06	0.0356416	-28.0571	2.74E-05	0.0673435	-14.8492	7.79E-05	0.0969956	-10.3097	0.0125786	0.363283	-2.75267	0.0342802	0.446723	-2.23853
cg13447818	FLG	6.44E-05	4.15E-06	0.0329613	-30.3386	0.000193862	0.134294	-7.44638	0.000331797	0.156557	-6.38744	0.0366529	0.459702	-2.17532	0.00658187	0.323188	-3.09417
cg10321714	FLG	6.52E-05	6.17E-06	0.0541132	-18.4798	1.27E-05	0.070763	-14.1317	0.000234348	0.172191	-5.80749	0.291242	0.729189	-1.37139	0.00309859	0.311275	-3.21259
cg22719314	FLG	0.000400304	0.000111654	0.124069	-8.06	0.000592687	0.196033	-5.10119	0.000346685	0.17067	-5.85924	0.0020485	0.263225	-3.79904	0.0160449	0.404379	-2.47293
cg19855573	FLG	0.000810686	0.000107844	0.0534589	-18.706	0.000165846	0.0637497	-15.6863	0.00296725	0.173879	-5.75112	0.53471	0.763583	-1.30962	0.315707	1.56056	1.56056
cg03465714	FLG	0.00406898	0.000803771	0.138572	-7.21648	0.000360583	0.106947	-9.35045	0.00472675	0.230754	-4.33362	0.0192289	0.330677	-3.0241	0.12716	0.524891	-1.90516
cg10500702	FLG	0.0109121	0.00104719	0.0432909	-23.0995	0.00140585	0.0500984	-19.9607	0.0160863	0.148559	-6.73134	0.32969	0.521436	-1.91778	0.311032	0.507376	-1.97092
cg12136906	FLG	0.0182028	0.00437165	0.0366154	-27.3109	0.0138632	0.0712355	-14.038	0.0171964	0.0802833	-12.4559	0.144212	0.255916	-3.90754	0.188408	0.297957	-3.35618
cg07134486	FLG2	0.000349349	0.000114955	0.52283	-1.91267	7.01E-05	0.498737	-2.00507	0.000521177	0.595338	-1.67972	0.179139	0.872143	-1.1466	0.698772	1.03798	1.03798
cg20825532	FLG2	0.000471675	0.00046259	0.0758241	-13.1884	3.15E-05	0.0224329	-44.5774	0.000227072	0.0567493	-17.6214	0.00422142	0.166388	-6.01005	0.0532355	0.357677	-2.79582
cg17542852	FLG2	0.00185459	0.000531933	0.123752	-8.08067	0.00046701	0.118661	-8.42736	0.000811894	0.141338	-7.07526	0.0859948	0.479484	-2.08557	0.473839	1.32607	1.32607
cg03957898	FLG2	0.00207144	0.000213892	0.0528287	-18.9291	0.000341151	0.0643146	-15.5486	0.00763208	0.195646	-5.11127	0.662204	0.811324	-1.23255	0.868757	1.08183	1.08183
cg11886358	FLI1	0.000242578	0.0364869	0.508376	-1.96705	0.796486	0.930597	-1.07458	0.00196219	0.295819	-3.38045	0.0121374	0.418904	-2.38718	7.96E-05	0.13752	-7.2717
cg11832408	FLI1	0.0113532	0.109912	0.821929	-1.21665	0.992725	0.998975	-1.00103	0.0128821	1.41553	1.41553	0.533752	0.93153	-1.0735	0.00199331	0.611892	-1.63428
cg19296671	FLI1	0.0122782	0.944021	1.02428	1.02428	0.862335	0.942429	-1.06109	0.998196	0.999228	-1.00077	0.323559	0.705868	-1.4167	0.00325173	0.253857	-3.93923
cg07486669	FLI1;FLI1	2.30E-05	0.0698994	0.78998	-1.26585	6.48E-07	0.205736	-4.86061	0.0456061	0.765964	-1.30554	0.233331	0.864719	-1.15644	0.0534057	1.29074	1.29074
cg19897940	FLI1;FLI1	0.000231043	0.474856	0.763684	-1.30944	0.610371	0.826426	-1.21003	0.000207301	10.0166	10.0166	6.11E-05	15.5655	15.5655	0.938372	0.971721	-1.0291
cg09037089	FLI1;FLI1	0.000266813	0.036078	1.46875	1.46875	0.000505989	2.35604	2.35604	0.00573985	1.76998	1.76998	0.939897	0.98818	-1.01196	0.112917	1.31269	1.31269
cg13755070	FLI1;FLI1	0.000289082	0.180243	0.643568	-1.55384	0.675952	1.13905	1.13905	1.67E-05	15.4991	15.4991	0.0549959	0.509709	-1.9619	0.0514632	0.503242	-1.98712
cg03798942	FLI1;FLI1	0.000492787	0.0841881	0.478407	-2.09027	0.00940117	0.280658	-3.56305	0.00153288	0.172118	-5.80996	0.00143782	0.168949	-5.91896	0.00443346	0.231007	-4.32887
cg02526522	FLI1;FLI1	0.000870975	0.0996679	0.532871	-1.87663	0.181121	1.64098	1.64098	8.48E-05	11.755	11.755	0.922357	1.03459	1.03459	0.971177	1.01268	1.01268
cg11609631	FLI1;FLI1	0.000951397	0.0487041	0.693805	-1.44133	0.00319937	0.520239	-1.92219	7.99E-05	0.314486	-3.17979	0.160942	0.784161	-1.27525	0.000112253	0.332141	-3.01077
cg13476635	FLI1;FLI1	0.00163467	0.00127172	0.173243	-5.77224	0.0044313	0.24265	-4.12116	0.0029701	0.218617	-4.5742	0.0162714	0.33429	-2.99142	0.00163684	0.185989	-5.37668
cg27198338	FLI1;FLI1	0.00231761	0.289198	0.851583	-1.17428	0.02252	0.670971	-1.49038	0.213916	1.21058	1.21058	0.173659	1.23539	1.23539	0.000280745	0.420077	-2.38051
cg05369547	FLI1;FLI1	0.00326339	0.0470561	0.588054	-1.70052	0.0523397	0.597201	-1.67448	0.000159354	0.221418	-4.51634	0.348308	0.798059	-1.25304	0.00835234	0.455049	-2.19757
cg27028555	FLI1;FLI1	0.0034384	0.0489981	0.631721	-1.58298	0.00605737	2.08029	2.08029	0.000156642	3.7515	3.7515	0.0452958	1.59884	1.59884	0.703316	0.924785	-1.08133
cg08590601	FLI1;FLI1	0.00358218	0.0515491	0.408619	-2.44727	0.111209	2.0152	2.0152	0.018596	3.1656	3.1656	0.507131	1.3123	1.3123	0.00373378	0.205667	-4.86224
cg10741826	FLI1;FLI1	0.00431279	0.369124	0.772291	-1.29485	0.638423	0.875827	-1.14178	0.0018746	0.290728	-3.43964	0.58455	0.856699	-1.16727	0.00322516	0.324396	-3.08265
cg17872757	FLI1;FLI1	0.00464548	0.594374	1.16207	1.16207	0.676531	1.12441	1.12441	0.503876	1.20872	1.20872	0.269606	1.37889	1.37889	0.406711	0.788832	-1.2677
cg01534808	FLI1;FLI1	0.00466817	0.710143	1.10141	1.10141	0.332701	0.772182	-1.29503	0.0001661	0.190186	-5.25801	0.0390828	0.539106	-1.85492	0.0559773	0.571143	-1.75088
cg18142615	FLI1;FLI1	0.00517835	0.563766	0.820737	-1.21842	0.425898	1.31683	1.31683	0.2161	1.55373	1.55373	0.823276	1.07866	1.07866	0.389981	0.742157	-1.34742
cg01681098	FLI1;FLI1	0.00789829	0.318645	0.695961	-1.43686	0.209675	1.59195	1.59195	0.00140051	0.196438	-5.09065	0.176828	0.603581	-1.65678	0.695748	0.870915	-1.14822
cg25860795	FLI1;FLI1	0.00859531	0.00716901	6.82018	6.82018	0.150587	2.34442	2.34442	0.0206112	4.67394	4.67394	0.650449	0.77703	-1.28695	0.592692	1.34799	1.34799
cg00344445	FLI1;FLI1	0.0146736	0.00866055	10.8462	10.8462	0.00517517	13.8646	13.8646	0.11023	3.45554	3.45554	0.333811	2.03418	2.03418	0.302883	0.467566	-2.13874
cg14570838	FLI1;FLI1	0.0164449	0.955119	0.98853	-1.0116	0.244424	0.779113	-1.28351	0.000782657	2.83245	2.83245	0.761867	1.06428	1.06428	0.571057	0.88928	-1.1245
cg11478199	FLI1;FLI1	0.0197577	0.0527483	0.485466	-2.05988	0.00978855	0.342341	-2.92106	0.00683351	0.316669	-3.15787	0.796184	1.08866	1.08866	0.398487	1.32805	1.32805
cg21585162	FLI1;FLI1	0.0243055	0.833645	0.888876	-1.12502	0.529508	1.4287	1.4287	0.010176	0.162816	-6.1419	0.151143	0.422487	-2.36694	0.911162	0.939402	-1.06451
cg02666257	FLI1;FLI1	0.0272037	0.402144	0.841736	-1.18802	0.502081	1.14669	1.14669	0.00423185	0.463289	-2.15848	0.0229548	0.578895	-1.72743	0.00744309	0.500298	-1.99881
cg02536065	FLI1;FLI1	0.0309949	0.00369634	3.29433	3.29433	0.0202187	2.34209	2.34209	0.962257	1.01448	1.01448	0.151598	1.59502	1.59502	0.786077	1.08619	1.08619
cg08136110	FLI1;FLI1	0.0310196	0.331697	1.29945	1.29945	0.0280008	0.507145	-1.97182	0.0756117	0.596136	-1.67747	0.0741981	1.68265	1.68265	0.0106604	2.31569	2.31569
cg17590805	FLI1;FLI1	0.0311715	0.310741	0.862703	-1.15915	0.00480111	0.590395	-1.69378	0.00627513	0.605686	-1.65102	0.105433	0.779517	-1.28285	0.0241615	0.684861	-1.46015
cg05761734	FLI1;FLI1	0.033958	0.104125	0.638901	-1.56519	0.000825269	0.280803	-3.56121	0.780747	0.932062	-1.07289	0.727474	0.915566	-1.09222	0.469989	0.83083	-1.20361
cg16226658	FLI1;FLI1	0.0464551	0.580971	0.775676	-1.2892	0.295202	0.609799	-1.63988	0.0670716	0.392509	-2.54772	0.474985	0.71819	-1.39239	0.000817109	0.100381	-9.962
cg06172475	FLI1;FLI1;FLI1	0.00982455	0.307749	0.630235	-1.58671	0.112723	2.12753	2.12753	0.31176	0.632809	-1.58026	0.506759	1.34251	1.34251	0.576634	1.27972	1.27972
cg09922349	FLII	0.00166806	0.0115193	0.495292	-2.01901	0.241795	1.31311	1.31311	0.824133	1.05073	1.05073	0.00814122	0.470904	-2.12357	0.000220997	0.254608	-3.92761
cg27390009	FLII	0.00678128	0.0061009	5.59972	5.59972	0.0456385	3.01285	3.01285	0.943231	1.03487	1.03487	0.0210614	3.80119	3.80119	0.533334	1.35476	1.35476
cg06688399	FLII	0.00864088	0.869405	0.984568	-1.01567	0.00127992	0.641577	-1.55866	0.0619473	0.819829	-1.21977	?	?	?	0.584806	0.94919	-1.05353
cg06554744	FLII	0.0107185	0.00473449	8.69167	8.69167	0.00147783	14.0649	14.0649	0.426898	1.59606	1.59606	0.176352	2.28972	2.28972	0.348642	1.74385	1.74385
cg18804206	FLII	0.0263188	0.0423029	0.395451	-2.52876	0.0921607	2.08613	2.08613	0.121283	1.94712	1.94712	0.469138	0.746671	-1.33928	0.0506012	0.413288	-2.41962
cg01071313	FLII	0.035199	0.705688	0.95714	-1.04478	0.499995	1.08226	1.08226	0.250632	0.870577	-1.14866	0.91952	1.01174	1.01174	0.765817	0.9661	-1.03509
cg26771272	FLII;SMCR7;SMCR7;SMCR7	0.00130163	0.001651	0.38704	-2.58371	0.553622	0.881368	-1.1346	0.0171623	0.542219	-1.84427	0.932704	1.01796	1.01796	0.00103369	0.359039	-2.78521
cg10698964	FLJ10038;GABPB1;GABPB1;GABPB1;LOC100129387;GABPB1;GABPB1	0.00842372	0.0438958	0.739361	-1.35252	0.00536789	1.61291	1.61291	0.00577105	1.60263	1.60263	0.401484	1.11847	1.11847	0.018672	1.45022	1.45022
cg23351010	FLJ10213;PPP4R2	0.0101751	0.00884311	0.62219	-1.60723	0.00529599	0.59256	-1.68759	0.0065298	0.604608	-1.65396	0.0700072	0.749439	-1.33433	0.91379	1.01554	1.01554
cg00452079	FLJ10213;PPP4R2;FLJ10213	0.0314727	0.394897	1.2571	1.2571	0.00306633	0.344848	-2.89983	0.00626302	0.392448	-2.54811	0.695687	1.10874	1.10874	0.394268	0.795227	-1.2575
cg16347828	FLJ10357	0.00152981	?	?	?	0.0451653	1.73064	1.73064	0.000636216	3.49762	3.49762	0.484367	1.18483	1.18483	0.418549	0.820964	-1.21808
cg18513551	FLJ10357	0.00261706	0.0791423	1.34528	1.34528	0.961609	1.00735	1.00735	0.0840635	1.33757	1.33757	0.00925647	1.65294	1.65294	0.0822062	1.34042	1.34042
cg25996688	FLJ10357	0.00847342	0.862745	0.94028	-1.06351	0.000278348	8.30027	8.30027	0.0089497	3.26481	3.26481	0.19827	0.616403	-1.62232	0.880301	1.05509	1.05509
cg01048349	FLJ10357	0.0344404	0.883977	1.0389	1.0389	0.00256136	2.98361	2.98361	0.0196809	2.08826	2.08826	0.35007	0.777732	-1.28579	0.962431	1.01239	1.01239
cg16534427	FLJ10357	0.045217	0.794602	0.909415	-1.09961	0.00270379	4.51854	4.51854	0.376088	1.39179	1.39179	0.509373	0.783804	-1.27583	0.125243	0.54666	-1.82929
cg16105117	FLJ10357	0.0476387	0.0268277	0.599979	-1.66672	0.734767	0.935909	-1.06848	0.138953	1.36375	1.36375	0.0411396	0.631943	-1.58242	0.0210045	0.582277	-1.7174
cg10281852	FLJ10661;FLJ10661;FLJ10661	0.00294839	0.856421	0.94211	-1.06145	5.11E-05	0.0822727	-12.1547	0.312165	1.41093	1.41093	0.594658	1.19343	1.19343	0.028295	0.426317	-2.34567
cg14343924	FLJ10661;FLJ10661;FLJ10661	0.00697529	0.374693	1.10923	1.10923	0.0086817	1.4631	1.4631	0.115667	1.21479	1.21479	0.350171	0.896363	-1.11562	0.98081	0.997267	-1.00274
cg13126121	FLJ10661;FLJ10661;FLJ10661	0.00919439	?	?	?	0.00235034	0.0739836	-13.5165	0.0215129	0.428173	-2.33551	0.165811	0.762978	-1.31065	0.026532	2.14008	2.14008
cg16837680	FLJ10661;FLJ10661;FLJ10661	0.0105085	0.538165	0.906054	-1.10369	0.000606592	2.30839	2.30839	0.0311147	1.49251	1.49251	0.374468	1.15522	1.15522	0.0490712	0.700743	-1.42706
cg00116628	FLJ11235;EPB41L4A	0.000774647	0.293989	0.897522	-1.11418	0.622401	1.05054	1.05054	0.0566822	1.23895	1.23895	0.0761039	1.21658	1.21658	0.668654	1.04369	1.04369
cg08475194	FLJ11235;EPB41L4A	0.0155166	0.303518	0.924329	-1.08187	0.873444	1.01184	1.01184	0.00659085	1.29755	1.29755	0.0249464	0.821182	-1.21776	0.257833	1.0911	1.0911
cg14326885	FLJ11235;EPB41L4A	0.0456021	0.266556	0.883855	-1.13141	0.0186932	1.35524	1.35524	0.154094	1.17672	1.17672	0.730012	0.963725	-1.03764	0.302324	0.89229	-1.12071
cg26567423	FLJ12825	6.15E-07	0.462484	1.17631	1.17631	3.44E-05	5.69721	5.69721	7.63E-05	4.744	4.744	5.71E-06	9.19183	9.19183	0.000504426	0.307149	-3.25575
cg23162167	FLJ12825	1.96E-05	0.652083	1.05874	1.05874	0.954111	0.992789	-1.00726	0.12053	0.809158	-1.23585	2.04E-05	0.338603	-2.95331	0.00110849	0.546389	-1.8302
cg02015027	FLJ12825	1.98E-05	0.18604	0.786082	-1.27213	0.176322	0.781308	-1.2799	0.0998841	0.733784	-1.3628	0.000355509	0.373707	-2.67589	1.71E-06	0.127905	-7.81828
cg20068320	FLJ12825	0.000429292	0.00252295	1.26348	1.26348	0.133274	0.913639	-1.09452	0.0232175	1.16337	1.16337	0.000496694	1.35519	1.35519	0.0297408	0.867043	-1.15334
cg09765906	FLJ12825	0.000503022	0.752338	1.0641	1.0641	0.24964	1.26635	1.26635	0.634393	1.09859	1.09859	0.00238544	0.435616	-2.2956	3.36E-05	0.206324	-4.84675
cg24605404	FLJ12825	0.000805558	0.0176017	0.513773	-1.94638	0.72211	0.92096	-1.08582	0.840215	0.954519	-1.04765	0.244135	0.755052	-1.32441	0.000670108	0.301203	-3.32002
cg00015319	FLJ12825	0.00107956	0.312798	1.24245	1.24245	0.418772	1.18742	1.18742	0.418929	1.18735	1.18735	0.00343602	2.28496	2.28496	0.00251621	0.417958	-2.39258
cg16165803	FLJ12825	0.00285323	0.230154	0.756472	-1.32193	0.223203	1.32806	1.32806	0.0443406	1.66863	1.66863	9.81E-05	0.215683	-4.63644	0.472818	0.850553	-1.17571
cg22268279	FLJ12825	0.00296812	0.00872965	0.667803	-1.49745	0.00813517	0.664059	-1.50589	0.026179	0.727035	-1.37545	0.421255	0.905486	-1.10438	7.34E-05	0.418405	-2.39003
cg19231697	FLJ12825	0.0033517	0.856221	1.03494	1.03494	0.165412	0.755651	-1.32336	0.607318	1.10314	1.10314	0.0184443	0.581966	-1.71831	0.0257199	0.605522	-1.65147
cg25737003	FLJ12825	0.00408323	0.0789668	0.781202	-1.28008	0.0361028	0.734519	-1.36143	0.00574487	0.632373	-1.58135	0.00564386	0.631413	-1.58375	0.000256284	0.466703	-2.14269
cg25828185	FLJ12825	0.00963686	0.778985	1.10046	1.10046	0.176563	1.6304	1.6304	0.593023	1.20149	1.20149	0.0712301	0.503777	-1.98501	0.00285611	0.247406	-4.04195
cg00737250	FLJ12825	0.0136786	0.0480791	0.534002	-1.87265	0.0785181	0.581228	-1.72049	0.111768	0.618229	-1.61752	0.0130827	0.425434	-2.35054	0.00152249	0.281545	-3.55183
cg04024827	FLJ12825	0.0174434	0.0282586	5.91652	5.91652	0.0347428	5.41571	5.41571	0.106503	3.35248	3.35248	0.206245	0.400493	-2.49692	0.106087	0.297779	-3.3582
cg24392955	FLJ12825	0.0240579	0.0285098	6.94809	6.94809	0.049407	5.37552	5.37552	0.308212	2.20565	2.20565	0.49191	0.592427	-1.68797	0.0942654	0.251661	-3.9736
cg26777456	FLJ12825	0.0266319	0.0397377	14.5332	14.5332	0.0260598	19.5427	19.5427	0.11407	6.92346	6.92346	0.666227	0.613566	-1.62982	0.189504	0.209215	-4.77976
cg06989610	FLJ12825	0.0303676	0.0739647	1.67141	1.67141	0.0398933	1.84533	1.84533	0.798657	1.06815	1.06815	0.397623	0.7998	-1.25031	0.0182684	0.477647	-2.0936
cg25952663	FLJ12825	0.0345461	0.0408103	0.236793	-4.22309	0.0270266	0.202447	-4.93956	0.146645	0.386555	-2.58696	0.363259	0.565486	-1.76839	0.0200584	0.180567	-5.53811
cg03199745	FLJ12825	0.0430526	0.0412435	13.1789	13.1789	0.0660617	9.5648	9.5648	0.315528	3.1159	3.1159	0.461379	2.27322	2.27322	0.43696	0.419615	-2.38314
cg11795276	FLJ12825	0.0440127	0.0420652	12.5561	12.5561	0.0398011	13.0311	13.0311	0.244393	3.72652	3.72652	0.774562	1.36369	1.36369	0.18139	0.215975	-4.63017
cg23295636	FLJ12825;LOC100240734	0.00101251	0.425945	1.1883	1.1883	0.594856	0.892342	-1.12065	0.39669	0.831787	-1.20223	0.00011911	0.239714	-4.17163	0.00125389	0.367927	-2.71793
cg24134056	FLJ12825;LOC100240734	0.00533913	0.495993	0.857346	-1.16639	0.354948	0.809061	-1.236	0.453738	0.843727	-1.18522	0.000776893	0.322299	-3.10271	0.00849285	0.473324	-2.11272
cg02021442	FLJ12825;LOC100240735	0.00773481	0.0301249	0.38726	-2.58225	0.0042674	0.241163	-4.14657	0.140703	0.554617	-1.80305	0.177065	0.586418	-1.70527	0.00476949	0.248124	-4.03024
cg13713010	FLJ12825;LOC100240735	0.0166996	0.137566	0.677717	-1.47554	0.114648	0.658766	-1.51799	0.296075	0.768305	-1.30157	0.0264192	0.527111	-1.89713	0.000252404	0.230431	-4.33969
cg01841696	FLJ12825;LOC100240735	0.0359352	0.652179	1.13088	1.13088	0.0260655	0.488795	-2.04585	0.153448	0.660789	-1.51334	0.58285	0.860402	-1.16225	0.00133762	0.282569	-3.53896
cg17386050	FLJ13197	0.00864634	0.00404783	0.429329	-2.32922	0.00984159	0.489347	-2.04354	0.00942544	0.486326	-2.05624	0.327701	0.801463	-1.24772	0.00156329	0.369513	-2.70627
cg19726192	FLJ13197	0.0125973	0.695673	0.933678	-1.07103	0.0273884	0.634092	-1.57706	0.00384736	0.506637	-1.9738	0.0140912	1.69718	1.69718	0.824264	1.03959	1.03959
cg09915299	FLJ13197;KLF3	0.00282844	0.00411765	1.45843	1.45843	0.950985	1.00605	1.00605	0.000926805	1.62417	1.62417	0.0109077	1.36803	1.36803	0.00741444	1.40249	1.40249
cg14848077	FLJ13197;KLF3	0.00507799	0.0948315	0.659549	-1.51619	0.369805	0.811551	-1.23221	0.102471	1.49948	1.49948	0.881871	1.03429	1.03429	0.600297	1.12734	1.12734
cg09963123	FLJ13197;KLF3	0.0322648	0.111809	0.781478	-1.27963	0.852434	1.02687	1.02687	0.37131	0.877476	-1.13963	0.341226	0.869669	-1.14986	0.00205884	0.538962	-1.85542

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07067171	0.149145	0.723379	-1.3824	0.00309378	0.428526	-2.33358	0.155199	0.727303	-1.37494	0.749307	1.06942	1.06942	3.506	2.43315	0.616887	1
cg08735193	0.938326	1.01347	1.01347	0.00485345	1.90718	1.90718	0.866454	1.02952	1.02952	0.092779	0.726355	-1.37674	4.46833	2.11462	0.420662	1
cg01077623	0.0244039	0.582383	-1.71708	0.322692	1.22865	1.22865	0.976578	0.9941	-1.00594	0.0379242	0.615609	-1.62441	3.90377	2.51217	0.572022	1
cg02953960	0.819275	1.07092	1.07092	0.840941	0.941615	-1.06201	0.222699	1.4676	1.4676	0.158637	0.636913	-1.57007	3.39505	4.81951	1.26184	1
cg07790778	0.0774397	0.509343	-1.96331	3.06E-05	0.0608502	-16.4338	0.00385902	0.26235	-3.8117	0.00110598	0.191561	-5.22026	21.6027	40.4177	1.66307	1
cg09357822	0.0195795	1.53274	1.53274	0.304029	0.851153	-1.17488	0.833957	0.968719	-1.03229	0.0109322	1.62187	1.62187	9.42081	3.41993	0.322683	1
cg24746997	0.137586	0.477477	-2.09434	0.000170302	0.0282968	-35.3396	0.156578	0.497207	-2.01123	0.649004	1.22957	1.22957	8.61846	26.3139	2.03547	1
cg16437896	0.445648	1.04569	1.04569	0.00125668	1.3108	1.3108	0.48653	0.960189	-1.04146	0.10094	0.901925	-1.10874	5.82384	0.304537	0.0464812	1
cg03514937	0.15847	0.617126	-1.62041	0.000440745	0.169125	-5.91279	0.085529	0.544135	-1.83778	0.0489568	0.486838	-2.05407	5.70164	9.25749	1.44325	1
cg18879780	?	?	?	?	?	?	0.58377	0.806436	-1.24002	0.637932	1.20229	1.20229	6.32872	9.85968	1.81758	1
cg06033773	0.367841	0.916147	-1.09153	0.0655857	0.822302	-1.2161	0.00221176	1.5009	1.5009	0.984701	0.998186	-1.00182	4.79267	0.68042	0.126196	1
cg18080528	0.74118	0.919967	-1.087	0.234041	0.730545	-1.36884	0.542058	0.856135	-1.16804	0.235156	1.36772	1.36772	4.01211	4.02466	0.891668	1
cg00587466	0.0328476	0.815629	-1.22605	5.29E-06	0.43054	-2.32267	0.19777	0.894812	-1.11755	0.937587	0.993627	-1.00641	21.0818	2.22547	0.0938343	1
cg13099644	0.412788	1.08208	1.08208	0.000551402	0.603318	-1.6575	0.0387148	1.253	1.253	0.741188	0.969256	-1.03172	5.43173	0.763575	0.124957	1
cg07751803	0.0215971	0.673386	-1.48503	0.0189338	0.665409	-1.50284	0.580841	0.923175	-1.08322	0.00729539	0.609002	-1.64203	20.1744	6.56428	0.289223	1
cg12156512	0.227466	1.36133	1.36133	0.219705	0.730368	-1.36917	0.0972091	0.642009	-1.55761	0.00804213	0.437513	-2.28565	8.76122	8.22487	0.834473	1
cg06857263	0.453217	1.22143	1.22143	0.000555	4.06597	4.06597	0.0925378	1.62354	1.62354	0.00236869	3.03352	3.03352	6.47149	7.02378	0.964747	1
cg02743950	0.0259357	1.86556	1.86556	0.0344376	1.78926	1.78926	0.301422	1.28727	1.28727	0.0387711	0.568696	-1.75841	4.7936	4.22322	0.783123	1
cg15763916	0.255488	1.20031	1.20031	0.464612	1.12128	1.12128	0.865525	0.974269	-1.02641	0.419901	0.880959	-1.13513	4.18468	1.56767	0.332996	1
cg14799446	0.0306314	0.708621	-1.41119	0.000456274	0.472956	-2.11436	0.679847	1.05789	1.05789	0.000397092	2.14833	2.14833	15.3386	4.46781	0.258915	1
cg05227434	0.0107633	1.4	1.4	0.0130989	0.723878	-1.38145	0.932579	1.00892	1.00892	0.0825247	0.817145	-1.22377	6.71355	1.17248	0.155238	1
cg02690316	0.425439	0.932003	-1.07296	0.00827342	0.746658	-1.3393	0.0412233	1.22599	1.22599	0.149347	0.874794	-1.14313	3.62991	0.430358	0.105386	1
cg14544983	0.0336852	0.717702	-1.39334	0.471628	1.10287	1.10287	0.671212	0.944503	-1.05876	0.0304117	1.40526	1.40526	12.4989	3.5397	0.251735	1
cg00561338	3.25E-06	0.0891426	-11.218	5.50E-07	0.0433939	-23.0447	6.71E-06	0.114089	-8.76506	8.97E-05	0.231702	-4.31588	113.71	55.9593	0.43061	1
cg09240001	0.00789926	0.18455	-5.4186	6.44E-05	0.0261945	-38.176	0.00317034	0.135451	-7.38274	0.00730743	0.179878	-5.55933	12.296	47.9011	3.46282	1
cg07968979	0.240897	0.774428	-1.29128	0.23002	1.29981	1.29981	0.0741697	0.660802	-1.51331	0.0126329	0.524363	-1.90708	6.05156	4.15512	0.610329	1
cg04988917	0.133058	0.325238	-3.07468	0.00678924	0.0879231	-11.3736	0.432044	0.573643	-1.74325	0.0636791	0.235765	-4.24151	4.56761	34.749	6.7624	1
cg13772070	0.72021	1.06438	1.06438	0.0234049	1.59971	1.59971	0.830461	1.0379	1.0379	0.592308	1.09831	1.09831	3.57268	1.70283	0.423666	1
cg00663000	0.000711267	0.293796	-3.40373	0.207992	0.729517	-1.37077	0.00836215	0.449117	-2.22659	0.000707027	0.29346	-3.40762	18.3563	16.4067	0.79448	1
cg03983913	0.565955	0.889623	-1.12407	0.749781	0.937541	-1.06662	0.00103801	0.375673	-2.66189	0.000117562	0.256869	-3.89304	8.1956	5.27353	0.571963	1
cg17752030	0.582251	1.15322	1.15322	0.000111533	0.174938	-5.71631	0.957475	1.01378	1.01378	0.226397	1.3853	1.3853	8.06612	8.41071	0.926862	1
cg03806868	0.191291	0.40773	-2.4526	0.000751217	0.0363358	-27.521	0.00757167	0.107788	-9.27743	0.0145654	0.142108	-7.03691	5.93203	39.5033	5.91941	1
cg08260299	0.0351459	0.646067	-1.54783	0.307971	0.828743	-1.20665	0.288869	1.21651	1.21651	0.272278	0.815941	-1.22558	5.07907	2.54895	0.446092	1
cg08140891	0.00125254	1.452	1.452	0.14381	0.883123	-1.13234	0.220426	1.10734	1.10734	0.528286	1.05186	1.05186	4.88441	0.484497	0.088171	1
cg21809257	0.00170645	0.549063	-1.82129	0.0180531	0.680846	-1.46876	0.604967	0.932542	-1.07234	0.129901	0.803349	-1.24479	4.85511	1.37744	0.252186	1
cg12459491	0.0274312	1.38495	1.38495	0.0831669	1.27057	1.27057	0.0140916	1.45978	1.45978	0.0855279	1.26779	1.26779	3.41497	0.84288	0.219395	1
cg09937642	0.000585427	0.204496	-4.89007	0.654905	0.874271	-1.14381	0.783823	0.921148	-1.0856	0.00765058	0.359167	-2.78422	7.19641	10.167	1.25581	1
cg23840493	0.0632461	0.51905	-1.9266	0.0112075	0.368776	-2.71168	0.124609	1.68524	1.68524	0.488716	0.801889	-1.24706	6.10207	9.52268	1.38717	1
cg21637653	0.0123605	0.433033	-2.30929	6.46E-05	0.139077	-7.19024	0.308167	0.753185	-1.32769	0.00439374	0.359873	-2.77876	18.1112	20.7125	1.01656	1
cg12319098	0.0237517	1.94014	1.94014	0.0856001	1.59454	1.59454	0.287012	0.762255	-1.3119	0.649239	0.893652	-1.119	3.91169	3.73554	0.848862	1
cg12246564	0.785213	0.980823	-1.01955	3.91E-05	0.572245	-1.7475	0.00411233	1.31366	1.31366	0.399015	0.940634	-1.06311	13.5554	1.07862	0.0707301	1
cg04863514	0.295174	1.33511	1.33511	0.00133568	3.46082	3.46082	0.0240362	2.04733	2.04733	0.677402	0.894604	-1.11781	8.39087	9.41821	0.997721	1
cg06796825	0.071399	0.833353	-1.19997	0.000989183	0.642012	-1.5576	0.828219	1.01987	1.01987	0.754446	1.02881	1.02881	4.2866	0.556485	0.115395	1
cg25564901	0.865646	0.988177	-1.01196	0.000239965	0.652506	-1.53255	0.410774	1.06085	1.06085	0.137581	0.893769	-1.11886	12.4902	0.975741	0.0694405	1
cg26390526	0.000306048	0.147607	-6.77476	0.897257	0.958723	-1.04305	0.000833329	0.193768	-5.16082	0.000779156	0.190417	-5.25164	26.3889	44.4962	1.49882	1
cg13447818	0.000158112	0.126414	-7.91049	0.292759	1.41818	1.41818	0.00113726	0.216074	-4.62803	0.000773368	0.196138	-5.09846	24.8964	40.3998	1.44241	1
cg10321714	0.00531859	0.346777	-2.8837	0.00371268	0.322889	-3.09704	0.00312747	0.311865	-3.20652	0.000697264	0.225033	-4.4438	24.8152	32.6837	1.17074	1
cg22719314	0.00115207	0.230525	-4.33793	0.804877	1.07901	1.07901	0.00152466	0.246109	-4.06324	0.00162106	0.249603	-4.00636	15.197	22.7151	1.32863	1
cg19855573	0.0187479	0.294661	-3.39373	0.546448	1.29932	1.29932	0.0139721	0.271895	-3.67789	0.0805268	0.435358	-2.29696	12.4854	36.3938	2.59104	1
cg03465714	0.0831503	0.472588	-2.11601	0.826999	0.918034	-1.08928	0.141125	0.538807	-1.85595	0.0683048	0.450445	-2.22003	7.81211	18.8885	2.1492	1
cg10500702	0.0237551	0.174274	-5.73809	0.486516	0.632743	-1.58042	0.137679	0.355276	-2.81471	0.229021	0.441686	-2.26405	5.74736	38.1437	5.89933	1
cg12136906	0.0265554	0.101864	-9.81697	0.55121	0.59225	-1.68847	0.00891834	0.0555408	-18.0048	0.0114629	0.0640362	-15.6162	4.85678	58.0604	10.6262	1
cg07134486	0.70772	1.03676	1.03676	0.330463	0.908223	-1.10105	0.000631611	0.604419	-1.65448	0.0126046	0.742777	-1.3463	15.7773	2.29625	0.12937	1
cg20825532	0.168055	0.502698	-1.98927	0.021652	0.275044	-3.63578	0.0111356	0.225435	-4.43587	0.0070947	0.196221	-5.09631	14.5234	50.4124	3.08544	1
cg17542852	0.0928598	0.488528	-2.04697	0.0289222	0.368662	-2.71251	0.0155618	0.316831	-3.15626	0.013434	0.305476	-3.27358	9.85595	23.43	2.11311	1
cg03957898	0.00810017	0.19935	-5.01631	0.331923	0.621196	-1.6098	0.0359048	0.313192	-3.19293	0.0740898	0.388008	-2.57727	9.54373	34.1949	3.18486	1
cg11886358	0.000217312	0.179651	-5.56635	0.000285288	0.192228	-5.20215	0.000115929	0.152511	-6.55689	0.00178184	0.290022	-3.44801	17.4325	21.3862	1.09049	1
cg11832408	0.088813	0.809585	-1.2352	0.125182	0.829627	-1.20536	0.250252	1.14478	1.14478	0.0209956	0.731631	-1.36681	5.67438	1.13816	0.178292	1
cg19296671	0.169061	0.60619	-1.64965	0.000916192	0.184019	-5.43421	0.0886378	1.89967	1.89967	0.316663	0.702114	-1.42427	5.53216	10.2262	1.64312	1
cg07486669	0.183298	1.17848	1.17848	0.000100061	2.23141	2.23141	0.676243	1.05006	1.05006	0.302518	1.13228	1.13228	32.6697	7.00047	0.190471	1
cg19897940	0.000658673	6.92999	6.92999	0.247006	0.638219	-1.56686	0.000160964	10.9226	10.9226	0.0658109	2.15078	2.15078	17.6652	38.5061	1.93757	1
cg09037089	0.0183734	1.57012	1.57012	0.546712	0.908303	-1.10095	1.54E-05	4.09995	4.09995	0.000157723	2.77104	2.77104	16.9858	6.68919	0.350055	1
cg13755070	0.971334	1.01119	1.01119	0.548502	0.828583	-1.20688	0.000169868	7.24574	7.24574	0.815045	1.07527	1.07527	16.6178	25.2459	1.35041	1
cg03798942	0.000957753	0.149774	-6.67673	2.97E-05	0.0426093	-23.469	0.432995	0.734344	-1.36176	0.00143068	0.168704	-5.92754	14.3482	33.8418	2.09654	1
cg02526522	0.00675922	3.40344	3.40344	0.763581	0.900116	-1.11097	0.000162656	9.43806	9.43806	0.434714	1.32054	1.32054	12.2354	23.5823	1.71323	1
cg11609631	0.00900713	0.583221	-1.71462	0.130321	0.766968	-1.30384	0.269577	0.829707	-1.20524	0.0278872	0.655788	-1.52488	11.9338	4.98319	0.371173	1
cg13476635	0.0028273	0.215779	-4.63438	0.000633092	0.141146	-7.08484	0.00265688	0.212234	-4.71178	0.0448101	0.423636	-2.36052	10.2229	22.5168	1.95784	1
cg27198338	0.0608784	1.36142	1.36142	0.0961096	1.30584	1.30584	0.0026295	0.544405	-1.83687	0.281101	0.849087	-1.17773	9.23532	3.1191	0.30021	1
cg05369547	0.481981	0.846242	-1.1817	0.000744968	0.302453	-3.3063	0.0712191	0.624534	-1.60119	0.0981677	0.654574	-1.52771	8.34651	7.21413	0.768292	1
cg27028555	0.520653	1.14231	1.14231	0.358296	0.824451	-1.21293	0.0919921	1.4609	1.4609	0.706654	1.08033	1.08033	8.21733	5.43479	0.587894	1
cg08590601	0.286846	1.56305	1.56305	0.0264597	0.34554	-2.89402	0.00129013	6.64598	6.64598	0.874654	0.938236	-1.06583	8.1172	20.9669	2.29602	1
cg10741826	0.000702394	0.235224	-4.25126	0.0468459	1.89164	1.89164	0.174879	0.667501	-1.49813	0.205204	0.687679	-1.45417	7.67593	9.54007	1.10476	1
cg17872757	0.852029	1.05357	1.05357	0.670087	0.887129	-1.12723	0.000113056	6.653	6.653	0.00292759	3.13384	3.13384	7.50485	9.28302	1.0995	1
cg01534808	0.0215522	2.04239	2.04239	0.981778	0.994109	-1.00593	0.50854	1.18948	1.18948	0.99435	0.99817	-1.00183	7.49375	7.94435	0.942339	1
cg18142615	0.299594	1.43894	1.43894	0.0291034	0.418718	-2.38824	0.000113775	9.9083	9.9083	0.376188	1.35991	1.35991	7.26041	13.1764	1.61318	1
cg01681098	0.00522975	0.273744	-3.65304	0.0205364	0.37479	-2.66816	0.00913894	0.312101	-3.20409	0.0114818	0.328873	-3.04069	6.36973	12.4765	1.74108	1
cg25860795	0.209306	2.07886	2.07886	0.0240264	0.225684	-4.43097	0.00132268	13.2384	13.2384	0.116178	2.57071	2.57071	6.20212	30.0408	4.30545	1
cg00344445	0.186659	0.368924	-2.71058	0.21069	0.390828	-2.55867	0.035033	5.75218	5.75218	0.0277135	6.38366	6.38366	5.21849	41.9384	7.14354	1
cg14570838	0.961106	1.01005	1.01005	0.0679121	0.65763	-1.52061	0.0549538	0.64012	-1.56221	0.223995	1.29932	1.29932	5.02489	3.34355	0.591465	1
cg11478199	0.0434009	0.466547	-2.14341	0.751187	0.900864	-1.11005	0.0625348	0.502612	-1.9896	0.00778049	0.325774	-3.06961	4.72407	8.05919	1.51643	1
cg21585162	0.253568	0.512821	-1.95	0.00218548	0.0900831	-11.1009	0.0475739	0.281074	-3.55779	0.0217926	0.213944	-4.67412	4.40007	21.8611	4.41632	1
cg02666257	0.154835	0.736427	-1.35791	0.302262	0.806757	-1.23953	0.261454	1.2653	1.2653	0.748014	0.937287	-1.06691	4.23049	2.70511	0.568384	1
cg02536065	0.023552	2.27465	2.27465	0.00983415	2.69562	2.69562	0.227726	1.4693	1.4693	0.651224	1.14832	1.14832	4.03966	5.90852	1.30011	1
cg08136110	0.497826	1.19723	1.19723	0.129314	1.5352	1.5352	0.730936	0.913669	-1.09449	0.201756	0.702879	-1.42272	4.03852	4.37555	0.963069	1
cg17590805	0.520191	1.09613	1.09613	0.547517	0.917864	-1.08949	0.0560606	0.737333	-1.35624	0.215787	0.832402	-1.20134	4.03149	1.26599	0.279133	1
cg05761734	0.984676	1.00485	1.00485	0.125256	1.51951	1.51951	0.830789	1.05544	1.05544	0.746482	0.921468	-1.08523	3.90958	3.9365	0.89501	1
cg16226658	0.834539	0.909095	-1.09999	0.168026	0.511997	-1.95314	0.93525	0.963655	-1.03772	0.411747	0.682214	-1.46582	3.48367	11.4545	2.92271	1
cg06172475	0.357269	1.51285	1.51285	0.196502	0.550374	-1.81695	0.000221197	14.7348	14.7348	0.463307	0.721492	-1.38602	5.94415	18.0006	2.69182	1
cg09922349	0.00348811	0.414262	-2.41393	0.0120982	2.00482	2.00482	0.665539	0.907832	-1.10153	0.436042	0.838053	-1.19324	10.1634	7.95684	0.695905	1
cg27390009	0.0563943	2.82822	2.82822	0.0285363	3.46792	3.46792	0.000784967	11.5113	11.5113	0.00235777	7.70354	7.70354	6.68085	24.5052	3.26042	1
cg06688399	0.663133	1.04229	1.04229	0.04534	0.804945	-1.24232	0.0365899	1.25806	1.25806	0.038103	1.25507	1.25507	6.31768	0.794464	0.125752	1
cg06554744	0.0927459	2.90401	2.90401	0.00297818	10.4713	10.4713	0.0331896	4.19938	4.19938	0.0208529	4.96678	4.96678	5.78055	30.4095	4.67615	1
cg18804206	0.453839	0.738856	-1.35344	0.00595554	0.24018	-4.16354	0.0333328	0.372871	-2.68189	0.620369	0.820324	-1.21903	4.2798	10.6647	2.215	1
cg01071313	0.207026	0.857581	-1.16607	0.00734012	0.670977	-1.49036	0.00505393	1.53425	1.53425	0.955461	1.00647	1.00647	3.8592	0.81479	0.18767	1
cg26771272	0.099386	0.683411	-1.46325	0.00346722	0.433344	-2.30764	0.000104153	0.235522	-4.24588	0.013752	0.526284	-1.90011	10.9152	7.67804	0.625271	1
cg10698964	0.251938	1.16889	1.16889	0.0293645	0.715625	-1.39738	0.918133	1.0135	1.0135	0.0897251	1.27622	1.27622	6.24177	1.68067	0.239345	1
cg23351010	0.206843	0.827335	-1.2087	0.468563	1.11071	1.11071	0.273184	0.85013	-1.17629	0.00200474	0.537484	-1.86052	5.87787	1.88713	0.285385	1
cg00452079	0.67298	0.894516	-1.11792	0.627322	1.13709	1.13709	0.370716	0.785556	-1.27298	0.0672532	0.583614	-1.71346	4.01767	4.38748	0.970707	1
cg16347828	0.000373954	0.257181	-3.88831	0.058625	1.66501	1.66501	0.23341	0.742171	-1.3474	0.68705	1.10148	1.10148	10.6623	8.54971	0.801862	1
cg18513551	0.618575	1.07937	1.07937	0.000159422	0.374567	-2.66975	0.82559	1.03415	1.03415	0.0759269	0.740414	-1.3506	8.91108	3.2677	0.325956	1
cg25996688	0.895818	0.954448	-1.04773	0.375084	1.3826	1.3826	0.0913315	1.93811	1.93811	0.582444	0.820692	-1.21848	6.23018	12.4959	1.78284	1
cg01048349	0.0291852	1.95745	1.95745	0.961764	1.01261	1.01261	0.123982	1.54552	1.54552	0.983234	1.00551	1.00551	3.88973	4.20751	0.961509	1
cg16534427	0.060815	0.463399	-2.15797	0.835632	0.927174	-1.07855	0.873993	1.05946	1.05946	0.33162	0.694511	-1.43986	3.51918	7.38252	1.86471	1
cg16105117	0.0735136	0.677963	-1.47501	0.0471079	0.642385	-1.5567	0.696432	0.926473	-1.07936	0.551001	1.12469	1.12469	3.4508	2.07365	0.534148	1
cg10281852	0.382944	0.744832	-1.34258	0.057785	0.493453	-2.02654	0.0371164	0.450739	-2.21858	0.88461	0.953311	-1.04898	8.60234	14.7704	1.52624	1
cg14343924	0.0676113	0.792192	-1.26232	0.000529654	0.541178	-1.84782	0.464503	1.08839	1.08839	0.414473	1.09956	1.09956	6.62242	1.35766	0.182231	1
cg13126121	0.0472547	1.75229	1.75229	?	?	?	?	?	?	0.0598855	0.61063	-1.63765	108.095	16.1913	0.0499295	1
cg16837680	0.108653	1.31913	1.31913	0.501012	1.11417	1.11417	0.53671	0.905726	-1.10409	0.18944	0.802506	-1.2461	5.81742	2.30828	0.3527	1
cg00116628	0.047249	1.25294	1.25294	2.41E-05	0.433436	-2.30715	0.158478	1.16153	1.16153	0.0190391	1.3257	1.3257	12.6461	1.97603	0.138894	1
cg08475194	0.181679	0.900611	-1.11036	0.0463345	0.844916	-1.18355	0.0689659	0.860479	-1.16214	0.0382203	1.19405	1.19405	5.12293	0.44233	0.0767496	1
cg14326885	0.0659516	1.24611	1.24611	0.326537	1.11408	1.11408	0.393069	1.0978	1.0978	0.00669963	1.45512	1.45512	3.50801	0.63199	0.160139	1
cg26567423	1.40E-06	14.4537	14.4537	0.00155824	2.68374	2.68374	2.26E-07	29.3931	29.3931	3.04E-07	25.9112	25.9112	83.0065	61.9612	0.663522	1
cg23162167	0.766522	0.963246	-1.03816	0.0476159	1.32961	1.32961	8.86E-07	0.193674	-5.16331	0.000174778	0.448969	-2.22732	34.0389	8.52569	0.222639	1
cg02015027	0.0595798	1.44053	1.44053	0.0908859	1.37678	1.37678	5.85E-05	0.278577	-3.58968	1.69E-05	0.219572	-4.55431	33.9561	15.8496	0.414904	1
cg20068320	0.0261425	1.15854	1.15854	0.0165683	1.17729	1.17729	8.32E-05	1.48445	1.48445	0.00194323	1.27693	1.27693	14.9066	0.734248	0.0437836	1
cg09765906	0.19081	0.761952	-1.31242	0.597189	1.11034	1.11034	0.000607567	0.354504	-2.82084	0.00248538	0.438154	-2.2823	14.2667	8.70359	0.54228	1
cg24605404	0.542175	0.867389	-1.15289	0.0032018	0.395413	-2.529	3.81E-05	0.161652	-6.18613	0.00206565	0.367731	-2.71938	12.5077	10.5319	0.748473	1
cg00015319	0.817247	1.04931	1.04931	0.000732456	2.90717	2.90717	0.00263614	2.37601	2.37601	0.00099901	2.7625	2.7625	11.5135	7.88356	0.608642	1
cg16165803	0.990881	0.99747	-1.00254	0.89205	0.970348	-1.03056	0.00618071	0.453113	-2.20696	0.129139	0.695233	-1.43837	8.68641	6.76069	0.691828	1
cg22268279	0.210102	0.852481	-1.17305	0.0109077	0.679662	-1.47132	0.782772	0.967153	-1.03396	0.20157	0.849617	-1.177	8.58533	1.98559	0.205579	1
cg19231697	0.276856	0.807203	-1.23885	0.0154392	1.75553	1.75553	0.000163007	0.295766	-3.38105	0.146198	0.744235	-1.34366	8.28028	4.703	0.504867	1
cg25737003	0.229961	0.852621	-1.17285	0.546727	1.08026	1.08026	0.00813489	0.651261	-1.53548	0.0340653	0.731165	-1.36768	7.80387	1.9805	0.225586	1
cg25828185	0.14662	1.69915	1.69915	0.0116417	2.92397	2.92397	0.0143252	0.357911	-2.79399	0.276269	0.68022	-1.47011	5.98086	10.9667	1.62989	1
cg00737250	0.0331964	0.50093	-1.99629	0.245327	0.713612	-1.40132	0.00304355	0.323921	-3.08717	0.0436853	0.525251	-1.90385	5.34045	6.52104	1.08539	1
cg04024827	0.01142	8.78308	8.78308	0.00763533	10.5277	10.5277	0.871152	0.894571	-1.11785	0.678458	0.751163	-1.33127	4.92682	36.7579	6.63181	1
cg24392955	0.0414197	5.83564	5.83564	0.00278406	22.0285	22.0285	0.486607	1.69921	1.69921	0.97866	0.980139	-1.02026	4.41571	39.3385	7.9189	1
cg26777456	0.0279804	18.5877	18.5877	0.00442532	71.9154	71.9154	0.454173	2.35891	2.35891	0.073972	9.40852	9.40852	4.26212	85.5276	17.8373	1
cg06989610	0.0377135	1.86203	1.86203	0.726082	1.09496	1.09496	0.0304207	0.518822	-1.92744	0.927909	1.02362	1.02362	4.06918	4.28745	0.936568	1
cg25952663	0.120105	0.357461	-2.79751	0.0158326	0.164756	-6.06957	0.0065412	0.115853	-8.63164	0.0318408	0.215499	-4.64039	3.88543	22.9055	5.24021	1
cg03199745	0.0609868	10.1002	10.1002	0.00287523	89.1395	89.1395	0.0440478	12.6022	12.6022	0.366151	2.76428	2.76428	3.58422	68.0801	16.8839	1
cg11795276	0.0342212	14.4232	14.4232	0.00772017	40.3211	40.3211	0.493108	2.12095	2.12095	0.0728961	8.67997	8.67997	3.55488	65.6934	16.4265	1
cg23295636	0.0824405	0.664826	-1.50415	0.252573	0.775995	-1.28867	0.000156024	0.253144	-3.95032	0.0737318	0.655053	-1.52659	11.7251	8.36277	0.633988	1
cg24134056	0.217598	0.749159	-1.33483	0.661937	1.10292	1.10292	0.000505497	0.298125	-3.35429	0.0477738	0.604143	-1.65524	7.19276	5.64747	0.697921	1
cg02021442	0.0157512	0.332628	-3.00636	0.000623508	0.141181	-7.0831	0.160959	0.572923	-1.74543	0.0368616	0.405805	-2.46424	6.41172	14.0521	1.94812	1
cg13713010	0.396674	0.809661	-1.23508	0.354447	0.793144	-1.2608	0.251027	0.74695	-1.33878	0.586918	0.875069	-1.14277	4.99918	4.68552	0.833118	1
cg01841696	0.920598	1.0274	1.0274	0.71643	1.10394	1.10394	0.399406	0.791485	-1.26345	0.0807519	0.591578	-1.69039	3.83034	4.45745	1.03442	1
cg17386050	0.322266	0.799331	-1.25105	0.271058	0.778018	-1.28532	0.719655	1.08215	1.08215	0.00820525	0.476705	-2.09773	6.19051	4.70458	0.675525	1
cg19726192	0.493845	1.12895	1.12895	0.0369703	1.52638	1.52638	0.0640135	0.695336	-1.43815	0.643616	0.921892	-1.08473	5.48617	2.6477	0.42899	1
cg09915299	0.00490682	1.44128	1.44128	0.411202	0.9209	-1.08589	0.00139199	1.575	1.575	0.208577	1.13883	1.13883	8.70888	1.32641	0.135383	1
cg14848077	0.153821	1.41364	1.41364	0.000210993	0.245488	-4.07352	0.110771	1.48281	1.48281	0.0670982	1.59245	1.59245	7.30399	5.94579	0.723598	1
cg09963123	0.0190666	0.667623	-1.49785	0.0246819	0.683268	-1.46356	0.293612	0.856316	-1.16779	0.46255	1.11236	1.11236	3.98211	1.27861	0.285413	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06226386	FLJ14107;BIN3	7.20E-05	5.08E-05	0.460139	-2.17325	0.000304405	0.548845	-1.82201	0.00422345	0.675963	-1.47937	0.0500807	1.25659	1.25659	0.00103706	0.608566	-1.64321
cg17250770	FLJ14107;BIN3	0.00826318	0.00165376	0.226864	-4.40792	0.0151972	0.374436	-2.67069	0.0312312	0.434867	-2.29955	0.465602	0.782997	-1.27714	0.00356361	0.272303	-3.67237
cg18822613	FLJ16779	0.0209587	0.0797554	0.35833	-2.79072	0.00130946	0.0846306	-11.8161	0.0324123	0.266616	-3.75072	0.442366	0.661372	-1.51201	0.0317169	0.26472	-3.77758
cg18412834	FLJ16779;NKAIN4	0.00504232	?	?	?	0.00607616	2.04101	2.04101	0.0345488	1.59847	1.59847	0.000647335	3.04888	3.04888	0.309831	0.82603	-1.21061
cg05309399	FLJ20184	8.95E-05	0.241757	1.3442	1.3442	0.0292363	0.537851	-1.85925	0.00170353	0.339007	-2.94979	0.0583094	0.596588	-1.6762	1.26E-06	0.0492316	-20.3122
cg05626226	FLJ20184	0.00233873	0.0702019	0.636755	-1.57046	0.180048	1.37368	1.37368	0.000808777	0.324038	-3.08605	0.0016095	0.364709	-2.74191	0.00272424	0.397358	-2.51662
cg00796302	FLJ20184	0.00314174	0.0398752	0.520227	-1.92224	0.484031	0.822306	-1.21609	0.0137508	0.43262	-2.3115	0.134793	1.55817	1.55817	0.00105873	0.263969	-3.78833
cg25370441	FLJ20184	0.0252892	0.729776	0.875531	-1.14216	0.0111128	3.38833	3.38833	0.525377	0.781379	-1.27979	0.0565767	2.28728	2.28728	0.0207265	0.343859	-2.90817
cg20667143	FLJ22536	2.25E-06	0.576283	1.05182	1.05182	1.06E-07	0.215392	-4.64271	3.68E-05	0.491359	-2.03517	0.101525	0.851785	-1.17401	0.0281535	1.26109	1.26109
cg11728738	FLJ22536	1.76E-05	0.000451355	0.44754	-2.23444	6.80E-06	0.234193	-4.26998	0.000810019	0.479759	-2.08438	0.780863	1.04138	1.04138	5.67E-06	0.226004	-4.42469
cg11621100	FLJ22536	2.77E-05	0.170349	0.841123	-1.18889	5.33E-06	0.294626	-3.39414	4.72E-05	0.402946	-2.48172	0.0624323	0.779983	-1.28208	3.11E-06	0.269189	-3.71486
cg26926497	FLJ22536	0.000168	0.0232273	0.753408	-1.3273	0.148207	0.850549	-1.17571	0.112562	0.835034	-1.19756	0.0251903	0.757425	-1.32026	1.51E-05	0.392055	-2.55066
cg25420132	FLJ22536	0.000389612	0.168598	0.799875	-1.25019	0.000225967	0.39316	-2.54349	0.132355	0.780985	-1.28043	0.639587	1.07443	1.07443	8.95E-06	0.231085	-4.32742
cg27635714	FLJ22536	0.000606294	4.17E-05	0.189126	-5.28747	0.0708068	0.649954	-1.53857	0.0340541	0.5898	-1.69549	0.0105279	0.50311	-1.98764	0.0159388	0.532632	-1.87747
cg03854238	FLJ22536	0.000829613	0.000153767	0.123309	-8.10969	0.000697245	0.18849	-5.30531	0.146085	0.604452	-1.65439	0.00402196	0.287427	-3.47914	0.000266648	0.145012	-6.89596
cg20414618	FLJ22536	0.00100056	0.638328	1.07145	1.07145	0.00235108	0.538613	-1.85662	0.0200802	0.664394	-1.50513	0.88097	1.02208	1.02208	2.54E-05	0.295729	-3.38147
cg05848045	FLJ22536	0.00102044	0.11804	0.725621	-1.37813	0.0056724	0.503707	-1.98528	0.470201	0.870375	-1.14893	0.127064	0.732101	-1.36593	0.532517	0.887391	-1.1269
cg08757222	FLJ22536	0.00144884	0.0205588	0.456053	-2.19273	0.00176373	0.28544	-3.50336	0.00146159	0.274382	-3.64456	0.863522	1.04961	1.04961	0.000271109	0.186351	-5.36622
cg19988367	FLJ22536	0.00179172	0.00768338	0.390126	-2.56328	0.313528	0.750942	-1.33166	0.058049	0.555061	-1.80161	0.169339	0.668774	-1.49527	0.00178942	0.294874	-3.39128
cg00081852	FLJ22536	0.00196071	0.248309	0.692664	-1.4437	0.021289	0.430762	-2.32147	0.298089	0.720224	-1.38846	0.521436	1.21863	1.21863	0.000267226	0.161954	-6.1746
cg01458195	FLJ22536	0.00245791	0.0340985	2.13116	2.13116	0.108847	1.70757	1.70757	0.00615503	0.335044	-2.98468	0.380257	0.759274	-1.31705	0.00318975	0.291696	-3.42823
cg06057918	FLJ22536	0.00253485	0.000402918	0.482463	-2.0727	0.0248955	1.41314	1.41314	0.468297	1.10031	1.10031	0.180849	0.831891	-1.20208	0.00105394	0.533826	-1.87327
cg03146683	FLJ22536	0.00307995	0.38902	0.839141	-1.1917	0.814727	1.04774	1.04774	0.0967223	0.696118	-1.43654	0.197917	0.763111	-1.31043	0.000387729	0.324896	-3.07791
cg11161497	FLJ22536	0.00339079	0.0816471	1.41293	1.41293	0.195214	0.782387	-1.27814	0.00440429	0.506129	-1.97578	0.055652	1.47468	1.47468	0.511521	1.12667	1.12667
cg16804603	FLJ22536	0.00407013	0.0948189	0.600791	-1.66447	0.343392	0.762701	-1.31113	0.00450806	0.349725	-2.85939	0.270109	0.727099	-1.37533	8.02E-05	0.138591	-7.21548
cg05675514	FLJ22536	0.00442154	0.00808634	0.20495	-4.87924	0.000170695	0.0504881	-19.8066	0.00582843	0.185031	-5.40449	0.0647106	0.379245	-2.63682	0.402377	0.669995	-1.49255
cg12539124	FLJ22536	0.00454054	0.0166201	0.338794	-2.95165	0.0276382	0.38149	-2.6213	0.130452	0.546384	-1.83021	0.358243	0.704957	-1.41853	0.000275459	0.110343	-9.06267
cg00895196	FLJ22536	0.00510286	0.381269	0.835163	-1.19737	0.00865162	0.511007	-1.95692	0.230761	1.28681	1.28681	0.306227	1.23674	1.23674	0.15147	0.734714	-1.36107
cg06105555	FLJ22536	0.00635324	0.00989437	0.523234	-1.91119	0.660295	0.915852	-1.09188	0.0428137	0.62917	-1.5894	0.0653819	0.662936	-1.50844	0.000184877	0.285002	-3.50875
cg06674392	FLJ22536	0.00663611	0.0272625	0.712098	-1.4043	0.268071	1.16175	1.16175	0.114202	1.2502	1.2502	0.0980954	0.789928	-1.26594	0.660637	0.9442	-1.0591
cg10126181	FLJ22536	0.00668815	0.0176901	0.30819	-3.24476	0.00110915	0.140767	-7.10396	0.00978823	0.263817	-3.7905	0.135489	0.518709	-1.92786	0.00141849	0.15198	-6.57983
cg23760585	FLJ22536	0.00813657	0.881523	0.973819	-1.02688	0.356816	0.844858	-1.18363	0.0511968	0.673695	-1.48435	0.315462	0.831406	-1.20278	0.587861	0.907251	-1.10223
cg10680164	FLJ22536	0.00948596	0.0443364	0.872489	-1.14615	0.0836592	0.893092	-1.11971	0.0111956	0.828845	-1.2065	0.614901	1.03041	1.03041	0.155195	0.914084	-1.09399
cg01860763	FLJ22536	0.00954314	0.0397739	0.50701	-1.97235	0.00120678	0.258045	-3.8753	0.00196241	0.286385	-3.4918	0.86021	0.950881	-1.05166	0.0239588	0.463184	-2.15897
cg21117368	FLJ22536	0.0139617	0.203814	0.755634	-1.32339	0.000855549	0.351195	-2.84742	0.0282474	0.58206	-1.71804	0.42168	0.842415	-1.18706	0.0075839	0.487983	-2.04925
cg02832512	FLJ22536	0.0157094	0.00179628	0.148388	-6.73907	0.0353274	0.348947	-2.86576	0.138604	0.504153	-1.98353	0.0168863	0.285918	-3.49751	0.0461552	0.374764	-2.66835
cg10254035	FLJ22536	0.0205303	0.0194599	0.180075	-5.55325	0.0437	0.244806	-4.08486	0.90631	0.931034	-1.07407	0.25343	0.484854	-2.06248	0.00594673	0.11269	-8.8739
cg22042833	FLJ22536	0.0252063	0.490911	0.65338	-1.5305	0.00905831	0.132981	-7.51989	0.0042079	0.0971495	-10.2934	0.554797	0.695334	-1.43816	0.0572577	0.270281	-3.69985
cg21046959	FLJ22536	0.0348584	0.0580623	0.666562	-1.50023	0.890215	0.974189	-1.0265	0.0303851	0.617637	-1.61907	0.747717	1.06301	1.06301	0.00355415	0.473302	-2.11281
cg05570258	FLJ23834	6.39E-05	0.0728274	0.667708	-1.49766	0.104457	1.43077	1.43077	1.40E-05	0.160605	-6.22644	0.207783	0.764845	-1.30745	0.0293907	0.595815	-1.67837
cg25398044	FLJ23834	0.000251584	0.121619	0.717112	-1.39448	0.481162	0.867725	-1.15244	0.00100468	0.380042	-2.63128	0.466132	1.1583	1.1583	2.26E-05	0.185992	-5.37656
cg09816889	FLJ23834	0.000308819	0.153548	0.640942	-1.5602	0.990224	0.99644	-1.00357	0.00392027	0.323003	-3.09594	0.0262016	0.464051	-2.15493	0.000305956	0.18142	-5.51206
cg20424803	FLJ23834	0.000679309	0.0572055	0.476931	-2.09674	0.339729	1.403	1.403	0.00297447	0.245933	-4.06614	0.47257	1.28586	1.28586	0.0168891	0.366781	-2.72642
cg00156506	FLJ23834	0.000713855	0.867237	0.964739	-1.03655	0.943671	1.01528	1.01528	1.51E-05	0.145891	-6.85445	0.65392	0.907717	-1.10166	0.227743	0.762114	-1.31214
cg17709180	FLJ23834	0.00187981	0.913234	1.02131	1.02131	0.85723	0.965766	-1.03545	0.000171988	0.290935	-3.4372	0.492377	1.14439	1.14439	0.00661673	1.97763	1.97763
cg25747783	FLJ23834	0.0037373	0.938404	0.985304	-1.01492	0.180968	0.76178	-1.31271	0.184473	0.763635	-1.30953	0.858078	1.03489	1.03489	0.419496	0.853836	-1.17118
cg04848913	FLJ23834	0.0121391	0.473582	0.809158	-1.23585	0.137814	1.59085	1.59085	0.060306	0.540357	-1.85063	0.323765	0.743726	-1.34458	0.571092	0.846787	-1.18094
cg02552935	FLJ23834	0.0163467	0.0872743	0.51712	-1.93379	0.102972	0.536277	-1.86471	0.0130015	0.34077	-2.93453	0.0293071	0.407873	-2.45174	0.425464	0.752553	-1.32881
cg21077999	FLJ23834	0.0262563	0.263091	0.822065	-1.21645	0.335106	0.846258	-1.18167	0.0186932	0.619626	-1.61388	0.00477142	1.8761	1.8761	0.0603373	1.42724	1.42724
cg07849009	FLJ23834	0.048033	0.871627	1.06689	1.06689	0.0375917	2.62686	2.62686	0.448018	1.36286	1.36286	0.450715	1.36027	1.36027	0.00996092	0.271691	-3.68065
cg04215126	FLJ23834	0.0496522	0.0341661	0.255072	-3.92047	0.031157	0.247097	-4.04699	0.0540672	0.298626	-3.34867	0.0227577	0.221637	-4.51189	0.0505288	0.291768	-3.42738
cg02661623	FLJ23834;FLJ23834	0.000105918	0.645467	1.10649	1.10649	0.00404399	2.32403	2.32403	0.0426339	0.60059	-1.66503	0.726322	0.926111	-1.07978	0.0101034	0.492169	-2.03182
cg17603733	FLJ23867	0.0211025	0.00668197	0.34287	-2.91656	0.0866694	0.562328	-1.77832	0.368342	1.32457	1.32457	0.140222	1.6205	1.6205	0.00851559	0.360086	-2.77711
cg02627682	FLJ23867;QSOX1;QSOX1	0.0265257	0.0218528	0.271411	-3.68445	0.0109551	0.220186	-4.54162	0.0518157	0.350334	-2.85442	0.747279	0.857924	-1.1656	0.0143265	0.239015	-4.18384
cg05106907	FLJ23867;QSOX1;QSOX1	0.0275425	0.171749	0.807566	-1.23829	0.881206	1.02221	1.02221	0.786314	0.960865	-1.04073	0.079372	0.751188	-1.33122	0.222194	0.82822	-1.20741
cg22047552	FLJ25006;LOC645851	0.0265433	0.016763	0.33251	-3.00742	0.0127553	0.311275	-3.2126	0.00899056	0.285671	-3.50053	0.00733917	0.271574	-3.68223	0.0428872	0.415222	-2.40835
cg25595319	FLJ25328	0.00398731	0.296547	1.17877	1.17877	0.00103053	0.477613	-2.09375	0.000707878	0.456528	-2.19044	0.79604	1.04015	1.04015	0.0158291	0.638156	-1.56701
cg03634394	FLJ25328;FLJ25328	0.00920829	0.0779701	0.785217	-1.27353	0.416222	0.902504	-1.10803	0.000374716	0.495472	-2.01828	0.194631	0.844185	-1.18457	0.633001	0.942338	-1.06119
cg22333833	FLJ25328;FLJ25328	0.00970303	0.911994	0.959835	-1.04185	0.511734	0.78133	-1.27987	0.00135347	0.178089	-5.61516	0.670813	0.8534	-1.17178	0.00145414	0.181708	-5.50335
cg05099196	FLJ25328;FLJ25328	0.0145292	0.00423056	0.622108	-1.60744	0.307213	1.13999	1.13999	0.00116288	0.553688	-1.80607	0.0153064	0.691406	-1.44633	0.419092	0.902731	-1.10775
cg04151146	FLJ25328;FLJ25328	0.0207156	0.0485025	0.686626	-1.4564	0.159082	1.28536	1.28536	0.00294235	0.506018	-1.97621	0.02797	0.648485	-1.54206	0.0756217	0.719008	-1.3908
cg05085729	FLJ25363	1.35E-06	2.68E-07	0.101123	-9.88892	0.00513393	0.573464	-1.74379	3.34E-05	0.298039	-3.35527	0.77182	1.04471	1.04471	1.71E-06	0.164982	-6.06125
cg03644629	FLJ25363	9.27E-06	1.10E-07	0.0327939	-30.4935	0.000514123	0.337946	-2.95905	0.0010681	0.380023	-2.63142	0.00792397	0.50591	-1.97664	0.404468	0.843077	-1.18613
cg15007120	FLJ25363	0.000745556	0.000143311	0.361607	-2.76543	0.557593	1.09642	1.09642	0.310363	0.849659	-1.17694	0.828331	1.03428	1.03428	8.41E-05	0.333639	-2.99725
cg08098111	FLJ25363	0.0267171	0.0213269	0.270861	-3.69194	0.0263986	0.288555	-3.46554	0.0056902	0.180485	-5.54064	0.164418	0.496436	-2.01436	0.0178001	0.256626	-3.89672
cg20382831	FLJ25363;FLJ25363	1.14E-05	0.00030755	0.292543	-3.4183	4.36E-05	0.196481	-5.08955	0.517841	1.14744	1.14744	0.905049	0.975277	-1.02535	7.84E-07	0.0619124	-16.1519
cg27270214	FLJ25758	0.00181466	0.000909528	0.119038	-8.40068	0.0138168	0.271022	-3.68974	0.197312	0.557242	-1.79455	0.0299775	0.334376	-2.99064	0.00907747	0.241098	-4.14769
cg01993907	FLJ25758	0.00526712	0.00256999	0.112018	-8.92716	0.00474133	0.140265	-7.12935	0.00763796	0.165978	-6.02491	0.0459341	0.3018	-3.31345	0.0135777	0.202038	-4.94955
cg11115405	FLJ25758	0.00819537	0.00567071	0.183616	-5.44615	0.00169446	0.123127	-8.12171	0.027941	0.297305	-3.36355	0.162377	0.498258	-2.00699	0.0235802	0.282896	-3.53486
cg07612827	FLJ25758	0.0170229	0.0164999	0.249381	-4.00992	0.0091274	0.208017	-4.8073	0.212259	0.536394	-1.8643	0.159756	2.03844	2.03844	0.0148527	0.241569	-4.13961
cg07141565	FLJ26850	9.98E-05	0.112773	0.672704	-1.48654	0.0037092	0.406395	-2.46066	0.0436845	1.70329	1.70329	0.0122895	2.04654	2.04654	2.70E-05	0.149121	-6.70599
cg18756179	FLJ26850	0.00912004	0.00180788	0.475256	-2.10413	0.238258	0.812921	-1.23013	0.575233	1.09958	1.09958	0.736566	0.944961	-1.05824	0.5966	1.0937	1.0937
cg16349876	FLJ26850	0.0197829	0.0141233	0.791361	-1.26365	0.185785	1.11448	1.11448	0.375225	1.07284	1.07284	0.801486	0.980724	-1.01965	0.563346	0.955866	-1.04617
cg25223408	FLJ30058	0.00119172	0.00918469	3.64035	3.64035	0.0243975	2.85106	2.85106	0.0856206	2.10045	2.10045	0.0977876	2.03303	2.03303	0.0113141	3.45198	3.45198
cg08046324	FLJ30058	0.00385353	0.0203523	4.5216	4.5216	0.29366	0.555565	-1.79997	0.433952	1.53851	1.53851	0.411698	1.5729	1.5729	0.933082	0.955696	-1.04636
cg17191957	FLJ30058	0.0044767	0.672602	0.92992	-1.07536	0.784788	0.954285	-1.0479	0.0141817	0.596132	-1.67748	0.0284494	1.55589	1.55589	0.000150143	0.328638	-3.04286
cg14828248	FLJ30058	0.00502401	0.0357409	3.48255	3.48255	0.03426	3.52971	3.52971	0.420199	1.52274	1.52274	0.994103	0.996234	-1.00378	0.915971	0.947536	-1.05537
cg15364850	FLJ30058	0.0163486	0.0632542	0.334691	-2.98783	0.0516825	0.313382	-3.191	0.0857519	0.369715	-2.70479	0.0250061	0.247269	-4.04417	0.00450834	0.137587	-7.26812
cg04308274	FLJ30058	0.018541	0.0183362	7.11769	7.11769	0.0893168	3.61305	3.61305	0.619068	1.41009	1.41009	0.833699	0.865751	-1.15507	0.871897	1.117	1.117
cg25729795	FLJ30058	0.0221578	0.12593	0.447032	-2.23698	0.840358	0.906591	-1.10303	0.724057	0.841687	-1.18809	0.191906	1.9575	1.9575	0.18458	1.98226	1.98226
cg17535087	FLJ30058	0.0244149	0.0917686	1.58106	1.58106	0.442474	0.824286	-1.21317	0.458426	0.830024	-1.20478	0.322388	0.777058	-1.28691	0.132676	0.670084	-1.49235
cg20201673	FLJ30058	0.0273795	0.0508242	3.51535	3.51535	0.0302194	4.21998	4.21998	0.120288	2.59134	2.59134	0.621672	1.32453	1.32453	0.47937	1.50124	1.50124
cg05867448	FLJ30058	0.0279567	0.0495648	6.70351	6.70351	0.425182	1.99684	1.99684	0.578111	1.61138	1.61138	0.224518	2.95489	2.95489	0.392039	2.10574	2.10574
cg02534780	FLJ30058	0.0309324	0.397769	0.746388	-1.33979	0.10304	0.547434	-1.8267	0.167383	0.608226	-1.64413	0.0162148	0.37031	-2.70044	0.00266267	0.245682	-4.0703
cg09159751	FLJ30058	0.0346426	0.572295	1.33959	1.33959	0.437901	0.666686	-1.49996	0.150684	0.454207	-2.20164	0.0381353	0.291883	-3.42602	0.0245509	0.253531	-3.94428
cg04486022	FLJ30058	0.0441988	0.243102	1.47017	1.47017	0.780204	0.91552	-1.09228	0.754499	1.10404	1.10404	0.955979	0.982734	-1.01757	0.272413	0.69738	-1.43394
cg02864732	FLJ30058;FLJ30058	0.000961588	0.0130164	3.22759	3.22759	0.0670273	2.18295	2.18295	0.730709	1.14041	1.14041	0.869939	1.0643	1.0643	0.626022	1.20535	1.20535
cg14460816	FLJ31306;ARID4A;FLJ31306;ARID4A;ARID4A	0.00045482	0.00651326	0.661374	-1.512	0.332733	1.12394	1.12394	0.813516	0.972747	-1.02802	0.00589509	1.52391	1.52391	0.0209025	1.38404	1.38404
cg10844118	FLJ31306;ARID4A;FLJ31306;ARID4A;ARID4A	0.00902133	0.725532	0.817976	-1.22253	0.809224	1.14778	1.14778	0.194748	2.19941	2.19941	0.109408	0.365012	-2.73963	0.271653	0.518957	-1.92694
cg12203852	FLJ31306;ARID4A;FLJ31306;ARID4A;ARID4A;ARID4A;ARID4A;ARID4A	0.023431	0.753997	0.976236	-1.02434	0.594791	1.04193	1.04193	0.105879	1.14468	1.14468	0.0290503	0.82132	-1.21755	0.112861	0.876314	-1.14114
cg08790491	FLJ31306;ARID4A;FLJ31306;ARID4A;ARID4A;ARID4A;ARID4A;ARID4A	0.0453851	0.00459191	0.340506	-2.93681	0.595782	0.858238	-1.16518	0.082337	0.577228	-1.73242	0.0585785	1.84065	1.84065	0.543692	0.839035	-1.19185
cg26429530	FLJ31306;FLJ31306;ARID4A;ARID4A;ARID4A	0.0205226	0.748373	1.16614	1.16614	0.817984	1.11637	1.11637	0.00657092	0.185324	-5.39595	0.603611	1.28421	1.28421	0.944793	1.03362	1.03362
cg07444473	FLJ32063	0.00121331	0.117046	0.553894	-1.8054	3.47E-05	0.0622227	-16.0713	0.00149562	0.204222	-4.89663	0.0162119	0.360465	-2.7742	0.0164913	0.361829	-2.76374
cg08351100	FLJ32063	0.00596187	0.076152	0.504059	-1.98389	0.135187	0.571739	-1.74905	0.0881142	0.520299	-1.92197	0.0273107	0.403889	-2.47593	0.000384469	0.139859	-7.15008
cg03583016	FLJ32063	0.0178507	0.181366	0.395491	-2.5285	0.00143856	0.0491867	-20.3307	0.0142497	0.138571	-7.21654	0.592685	0.702563	-1.42336	0.021179	0.163375	-6.12088
cg24688655	FLJ32063	0.0310667	0.0248725	0.308796	-3.23839	0.0942548	0.445035	-2.24701	0.0220952	0.298846	-3.34621	0.0772628	0.421283	-2.3737	0.0195973	0.289053	-3.45958
cg00082770	FLJ32063	0.0355021	0.436466	1.34039	1.34039	0.0522258	0.442717	-2.25878	0.0755429	0.481881	-2.0752	0.53435	0.792762	-1.26141	0.318092	1.46348	1.46348
cg22814961	FLJ32063	0.0360048	0.0530138	7.82451	7.82451	0.0158292	15.8897	15.8897	0.281465	2.85006	2.85006	0.232777	0.310141	-3.22434	0.0328034	10.3441	10.3441
cg18148653	FLJ32063	0.0481737	0.161504	0.744806	-1.34263	0.53395	0.88326	-1.13217	0.00204401	0.424646	-2.35491	0.744013	0.93747	-1.0667	0.178971	0.754771	-1.3249
cg15590217	FLJ32065	0.00371218	0.00427776	0.653327	-1.53063	0.00217113	1.6148	1.6148	0.0838404	1.2375	1.2375	0.0118826	0.704863	-1.41872	0.180516	0.853518	-1.17162
cg24686380	FLJ32065	0.00597018	0.549972	0.724512	-1.38024	0.999448	1.00037	1.00037	0.868858	0.915724	-1.09203	5.85E-05	0.0189405	-52.7968	0.583231	0.744367	-1.34342
cg05846365	FLJ32065	0.00726539	0.00752727	0.41622	-2.40258	0.00737674	0.414798	-2.41081	0.00266328	0.346828	-2.88327	0.0335537	0.531088	-1.88293	0.208723	0.713375	-1.40179
cg20247048	FLJ32065	0.0211497	0.0928507	0.584382	-1.71121	0.777091	1.08596	1.08596	0.019889	0.44192	-2.26285	0.508354	1.21523	1.21523	0.00126781	0.255023	-3.92122
cg15236196	FLJ32065	0.0311483	0.689722	1.16803	1.16803	0.0450408	0.410602	-2.43545	0.293423	0.65586	-1.52471	0.242688	0.62301	-1.60511	0.0130755	0.303798	-3.29166
cg12196685	FLJ32065	0.0320137	0.29726	0.77485	-1.29057	0.00406023	0.402257	-2.48597	0.0362247	0.562779	-1.7769	0.511904	1.17003	1.17003	0.951343	0.985698	-1.01451
cg27276457	FLJ32810	0.000391993	0.00414104	0.392873	-2.54535	0.00401356	0.39081	-2.55879	0.00059096	0.275359	-3.63162	0.00871824	0.443859	-2.25297	0.000466511	0.262551	-3.80878
cg04470984	FLJ32810	0.00112387	0.0735056	0.692103	-1.44487	2.51E-05	0.213588	-4.6819	0.023553	0.607276	-1.6467	0.0317084	1.59114	1.59114	0.0902069	0.708657	-1.41112
cg06333719	FLJ32810	0.00450533	0.0732419	0.649037	-1.54074	0.00967396	2.03078	2.03078	0.0880135	1.50289	1.50289	0.074669	1.53673	1.53673	0.172569	0.730423	-1.36907
cg15126862	FLJ32810	0.0049067	0.00589479	0.339452	-2.94593	0.0441522	0.499871	-2.00052	0.665539	0.877725	-1.13931	0.0227651	0.441587	-2.26456	0.00181622	0.264623	-3.77896
cg16947138	FLJ32810	0.00500562	0.00273955	0.200696	-4.98266	0.0132401	0.303447	-3.29547	0.0898991	0.483791	-2.06701	0.0110212	0.289789	-3.45079	0.022437	0.345672	-2.89291
cg06293294	FLJ32810	0.00670401	0.0143554	0.681801	-1.4667	0.224031	1.17597	1.17597	0.0316621	1.37668	1.37668	0.00981107	0.660822	-1.51327	0.00136411	0.55446	-1.80356
cg09187709	FLJ32810	0.0147579	0.00493696	0.11877	-8.41963	0.748966	0.83217	-1.20168	0.150156	0.413665	-2.41741	0.794249	1.16132	1.16132	0.0570275	0.291642	-3.42886
cg05925497	FLJ32810	0.018587	0.977894	1.00574	1.00574	0.0699308	0.657975	-1.51981	0.251522	0.780789	-1.28076	0.481473	1.15927	1.15927	0.0280442	0.585083	-1.70916
cg02008402	FLJ32810	0.0237972	0.074803	0.453274	-2.20617	0.942007	0.971408	-1.02943	0.675224	0.845338	-1.18296	0.0842042	0.466855	-2.14199	0.000715905	0.12825	-7.79725
cg05812171	FLJ32810	0.0240121	0.064605	0.860951	-1.16151	0.941938	1.00527	1.00527	0.407134	1.06307	1.06307	0.189047	0.904517	-1.10556	0.0881021	0.873067	-1.14539
cg15580724	FLJ32810	0.0406796	0.352546	1.19904	1.19904	0.0745639	0.685962	-1.45781	0.0274281	0.609558	-1.64053	0.0214972	0.592117	-1.68885	0.217744	1.27895	1.27895
cg04819714	FLJ32810;TMEM133	0.000493354	0.00139574	0.42499	-2.35299	0.00143041	0.426449	-2.34495	0.0187968	0.590922	-1.69227	0.00838093	0.536631	-1.86348	0.00373137	0.484907	-2.06225
cg17491560	FLJ33360	0.00102008	0.00110539	0.191487	-5.2223	0.000431928	0.147517	-6.77887	0.00160225	0.210979	-4.73981	0.00353332	0.256806	-3.89399	0.00430689	0.269247	-3.71406
cg05940966	FLJ33360	0.00416508	0.0432569	0.526318	-1.89999	0.736056	1.0979	1.0979	0.924022	1.02668	1.02668	0.00871384	2.51612	2.51612	0.417451	0.795523	-1.25704
cg02328035	FLJ33360	0.0051417	0.727578	1.04043	1.04043	0.313984	1.12528	1.12528	0.00933422	0.68817	-1.45313	0.067234	1.26171	1.26171	0.000310162	0.515168	-1.94111
cg02202411	FLJ33360	0.015268	0.00230866	0.21687	-4.61105	0.109687	0.534719	-1.87014	0.0501883	0.448649	-2.22891	0.0233095	0.377891	-2.64626	0.0411706	0.429271	-2.32953
cg19815376	FLJ34503	0.0157129	0.912196	0.959021	-1.04273	0.000485415	0.125594	-7.96216	0.0233875	0.357891	-2.79414	0.372319	1.41545	1.41545	0.132595	0.540316	-1.85077
cg00253182	FLJ35024	0.00577207	0.258822	0.751224	-1.33116	0.0273907	1.88445	1.88445	0.107095	0.652402	-1.5328	0.0183272	2.00383	2.00383	0.0549821	0.589571	-1.69615
cg14192935	FLJ35024	0.0387961	0.0271352	0.396267	-2.52355	0.517943	0.792966	-1.26109	0.0775649	0.499418	-2.00233	0.806947	1.09051	1.09051	0.00139308	0.194137	-5.15101
cg11648740	FLJ35220;FLJ35220	0.00298047	0.00435396	0.278244	-3.59397	0.000553508	0.165294	-6.04984	0.00338517	0.262349	-3.81171	0.0029736	0.254407	-3.93071	0.00893612	0.327313	-3.05518
cg06668724	FLJ35220;FLJ35220;FLJ3522C	0.000420486	0.0151783	0.579561	-1.72544	0.404505	0.855566	-1.16882	2.15E-05	0.209484	-4.77364	0.911146	1.02063	1.02063	0.000177948	0.313001	-3.19488
cg04595323	FLJ35220;FLJ35220;FLJ3522C	0.000725772	0.508148	0.940247	-1.06355	0.000701671	1.60677	1.60677	4.85E-05	2.01643	2.01643	0.152229	0.868699	-1.15115	0.940789	0.993205	-1.00684
cg25924840	FLJ35220;FLJ35220;FLJ35220;LOC10029 4362	0.000292422	0.159222	1.10755	1.10755	5.58E-06	2.00566	2.00566	0.00864621	1.2552	1.2552	0.0611606	1.15403	1.15403	0.240543	0.919956	-1.08701
cg06760162	FLJ35220;FLJ35220;FLJ35220;LOC10029 4362	0.00101966	0.854349	1.015	1.015	0.0259928	1.23879	1.23879	0.000137991	1.70576	1.70576	0.964814	0.996432	-1.00358	0.190892	0.893837	-1.11877
cg11442110	FLJ35220;FLJ35220;FLJ35220;LOC10029 4362	0.00113215	0.00662537	0.150023	-6.66563	0.00291667	0.110646	-9.03784	0.00159416	0.0873009	-11.4546	0.264792	0.534958	-1.8693	0.0715806	0.338604	-2.95331
cg21884568	FLJ35220;FLJ35220;FLJ35220;LOC10029 4362	0.00222865	0.00151245	0.13389	-7.46881	0.185787	0.539386	-1.85396	0.0459069	0.365386	-2.73683	0.286681	0.614576	-1.62714	0.0492446	0.37246	-2.68485
cg10763638	FLJ35220;FLJ35220;FLJ35220;LOC10029 4362	0.0037747	0.546764	0.965533	-1.0357	0.000918379	1.32958	1.32958	0.0490369	1.13797	1.13797	0.242495	1.07288	1.07288	0.0069122	0.817855	-1.22271

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06226386	0.000271983	0.543311	-1.84057	6.35E-05	0.471303	-2.12178	0.14499	1.17354	1.17354	0.000293341	0.547027	-1.82806	24.1707	4.00116	0.147145	1
cg17250770	0.047676	0.474237	-2.10865	0.0079873	0.326264	-3.065	0.869195	1.0558	1.0558	0.013035	0.362486	-2.75873	6.27979	10.794	1.52787	1
cg18822613	0.0866839	0.368335	-2.71492	0.00918901	0.174509	-5.73037	0.0501439	0.307657	-3.25037	0.199569	0.489022	-2.0449	4.63014	20.4296	3.92205	1
cg18412834	?	?	?	?	?	?	0.0247723	1.66991	1.66991	0.0760335	1.44621	1.44621	11.0376	3.5812	0.324455	1
cg05309399	0.91849	0.975591	-1.02502	0.00168443	0.338322	-2.95577	0.633587	1.12292	1.12292	0.368978	0.800312	-1.24951	22.8058	21.0511	0.820494	1
cg05626226	0.097133	0.6663	-1.50083	0.00580959	0.446803	-2.23812	0.696846	1.09123	1.09123	0.00485841	0.434855	-2.29962	9.21077	7.25445	0.700093	1
cg00796302	0.00211418	0.304573	-3.28328	0.00240438	0.312497	-3.20003	0.697603	1.11339	1.11339	0.0122927	0.424114	-2.35785	8.44151	10.117	1.06532	1
cg25370441	0.695177	1.16295	1.16295	0.138909	0.543013	-1.84158	0.021892	2.86997	2.86997	0.488446	1.3097	1.3097	4.33983	10.1001	2.06872	1
cg20667143	0.991587	0.999057	-1.00094	0.682356	0.963849	-1.03751	6.18E-06	0.404635	-2.47136	1.00E-05	0.428078	-2.33602	59.6216	7.56073	0.112722	1
cg11728738	0.0936142	0.764855	-1.30744	9.62E-06	0.250155	-3.99751	0.056762	0.730898	-1.36818	6.47E-05	0.344027	-2.90675	35.0339	11.7271	0.297544	1
cg11621100	0.00446869	0.638098	-1.56716	0.508015	1.08282	1.08282	0.00176688	0.589954	-1.69505	0.508801	0.923654	-1.08266	31.1159	6.91879	0.19765	1
cg26926497	0.0866029	0.820744	-1.21841	0.00025184	1.87745	1.87745	0.00896883	1.41461	1.41461	0.110825	0.834174	-1.19879	19.2589	3.32224	0.153337	1
cg25420132	0.0733064	0.73787	-1.35525	0.430007	1.13045	1.13045	0.48173	0.896869	-1.11499	0.106778	0.764881	-1.30739	15.3108	5.61841	0.326183	1
cg27635714	0.111883	0.691077	-1.44702	0.000211795	0.266742	-3.74894	0.41097	1.19655	1.19655	0.00138646	0.371838	-2.68934	13.5444	9.7715	0.641282	1
cg03854238	0.563601	1.20728	1.20728	0.00976357	0.348433	-2.86999	0.406101	0.760168	-1.3155	0.0124517	0.366652	-2.72738	12.4045	20.4501	1.46543	1
cg20414618	0.0147942	0.645847	-1.54836	0.574089	0.920549	-1.08631	0.188054	0.815997	-1.2255	0.00675059	0.599332	-1.66852	11.7647	3.95961	0.299171	1
cg05848045	1.49E-05	0.183074	-5.46226	0.544715	1.12282	1.12282	0.80713	0.954831	-1.04731	0.00909043	0.534526	-1.87082	11.6992	6.61688	0.502742	1
cg08757222	0.0186067	0.448026	-2.23201	0.00108799	0.257523	-3.88315	0.535222	1.19329	1.19329	0.0856041	0.585831	-1.70698	10.5847	13.2764	1.11493	1
cg19988367	0.36995	0.77647	-1.28788	0.000106461	0.152683	-6.5495	0.0484646	1.85795	1.85795	0.0203589	0.463792	-2.15614	9.95509	11.9045	1.06295	1
cg00081852	0.321423	1.36574	1.36574	0.0187673	0.420444	-2.37844	0.0307208	0.461981	-2.16459	0.000274394	0.163113	-6.13071	9.69778	14.2196	1.30336	1
cg01458195	0.115079	1.6892	1.6892	0.000699222	0.205593	-4.86398	0.225339	1.47643	1.47643	0.150299	0.623877	-1.60288	9.07727	13.4595	1.31802	1
cg06057918	0.199677	1.19187	1.19187	0.134829	1.23225	1.23225	0.610052	1.0689	1.0689	0.358373	0.884838	-1.13015	8.9953	2.39079	0.236251	1
cg03146683	0.827882	0.957665	-1.04421	0.00108905	0.383829	-2.60532	0.0102223	1.90263	1.90263	0.235963	0.781355	-1.27983	8.49154	5.30786	0.555623	1
cg11161497	0.0179979	1.67336	1.67336	0.000735297	2.50628	2.50628	0.0188498	1.66459	1.66459	0.0996456	1.3816	1.3816	8.25165	4.19321	0.451704	1
cg16804603	0.297103	0.740815	-1.34987	0.301879	0.743161	-1.3456	0.340523	1.31338	1.31338	0.109311	0.61596	-1.62348	7.81144	9.52886	1.08432	1
cg05675514	0.619915	0.791645	-1.26319	0.0232933	0.281673	-3.55021	0.463632	1.41707	1.41707	0.153194	0.489301	-2.04373	7.61825	26.3486	3.07433	1
cg12539124	0.828934	0.923045	-1.08337	0.0946427	0.506702	-1.97355	0.2075	1.63538	1.63538	0.00232469	0.207257	-4.82494	7.55712	16.3913	1.92799	1
cg00895196	0.0042916	0.464815	-2.15139	0.00199927	0.41684	-2.399	0.00234845	0.426758	-2.34325	0.70462	1.07939	1.07939	7.29309	4.64712	0.566395	1
cg06105555	0.854015	0.964055	-1.03728	0.336932	1.21746	1.21746	0.315787	0.813722	-1.22892	0.0441845	0.631622	-1.58322	6.81748	4.26486	0.556069	1
cg06674392	0.130301	1.2366	1.2366	0.000282932	2.16192	2.16192	0.575262	1.07635	1.07635	0.658479	0.943827	-1.05952	6.72595	1.79922	0.237781	1
cg10126181	0.685446	0.846937	-1.18073	0.0509005	0.403603	-2.47768	0.485656	1.33514	1.33514	0.0613668	0.423193	-2.36299	6.70964	17.687	2.34316	1
cg23760585	0.00696856	1.86066	1.86066	0.00249018	0.473466	-2.11209	0.984079	0.996457	-1.00356	0.00324679	0.489655	-2.04226	6.31043	3.16261	0.445487	1
cg10680164	0.0405296	0.86962	-1.14993	0.00186911	1.29767	1.29767	0.45189	1.0463	1.0463	0.402557	0.950666	-1.05189	6.01102	0.332041	0.049101	1
cg01860763	0.182519	0.667496	-1.49814	0.00799536	0.378609	-2.64125	0.407325	0.78491	-1.27403	0.095631	0.592724	-1.68713	5.99953	7.7574	1.14934	1
cg21117368	0.376391	1.20882	1.20882	0.362424	0.822367	-1.216	0.30001	0.799008	-1.25155	0.0216137	0.561987	-1.7794	5.30466	3.66694	0.614461	1
cg02832512	0.611556	0.802514	-1.24608	0.0117672	0.258828	-3.86357	0.93495	0.965542	-1.03569	0.0105983	0.251387	-3.97792	5.10197	14.9108	2.59783	1
cg10254035	0.079153	0.306356	-3.26417	0.00384073	0.0939624	-10.6426	0.0125862	0.152095	-6.57485	0.108885	0.346031	-2.88991	4.66286	27.2037	5.18589	1
cg22042833	0.826046	1.14326	1.14326	0.0280726	0.206389	-4.84521	0.137532	2.64536	2.64536	0.294541	0.516194	-1.93726	4.34479	25.4588	5.20855	1
cg21046959	0.711532	0.932085	-1.07286	0.862938	1.03326	1.03326	0.991562	0.998	-1.002	0.010564	0.543887	-1.83862	3.87281	2.19905	0.504728	1
cg05570258	8.13E-05	0.238239	-4.19746	1.45E-05	0.161898	-6.17674	0.00288259	0.43728	-2.28687	0.000782328	0.358699	-2.78785	24.9435	16.0931	0.573495	1
cg25398044	0.0748909	0.67498	-1.48153	3.94E-05	0.210438	-4.75198	0.0486559	0.64004	-1.5624	0.00554222	0.485699	-2.05889	17.2602	10.7329	0.552738	1
cg09816889	0.0098541	0.386935	-2.58441	7.29E-06	0.0561658	-17.8044	0.0711968	0.556186	-1.79796	0.00803525	0.372115	-2.68734	16.3202	21.9029	1.19295	1
cg20424803	0.000519008	0.155208	-6.44297	7.73E-05	0.0851655	-11.7418	0.00152598	0.207989	-4.80795	0.0118035	0.338889	-2.95081	13.1207	24.6095	1.66722	1
cg00156506	0.00812408	0.483331	-2.06898	0.000603343	0.321452	-3.11088	0.443289	0.845601	-1.18259	0.451757	0.848325	-1.17879	12.9397	9.43399	0.648067	1
cg17709180	0.798609	1.0507	1.0507	0.00127117	0.402775	-2.48277	0.668112	0.919955	-1.08701	0.383546	1.18868	1.18868	9.81735	5.81778	0.526757	1
cg25747783	0.548681	1.12328	1.12328	7.63E-05	0.25313	-3.95054	0.143371	1.35154	1.35154	0.0129773	0.553971	-1.80515	8.01463	4.65834	0.516648	1
cg04848913	0.00499142	0.339752	-2.94332	0.00097451	0.240404	-4.15966	0.0245877	0.459401	-2.17675	0.512689	0.82457	-1.21275	5.55268	7.42283	1.18827	1
cg02552935	0.0137561	0.345116	-2.89758	0.000717675	0.165543	-6.04071	0.221292	0.638205	-1.5669	0.300484	0.687447	-1.45466	5.03492	9.72962	1.71771	1
cg21077999	0.131387	1.31459	1.31459	0.656679	1.07802	1.07802	0.35165	0.851315	-1.17465	0.902795	0.97969	-1.02073	4.28336	1.91325	0.39704	1
cg07849009	0.822987	0.9142	-1.09385	0.970216	0.985163	-1.01506	0.370501	0.691991	-1.44511	0.0182175	0.317386	-3.15074	3.44008	8.73337	2.25664	1
cg04215126	0.0669487	0.321383	-3.11155	0.00887434	0.158682	-6.3019	0.206801	0.479061	-2.08742	0.268653	0.528975	-1.89045	3.39713	16.4379	4.30112	1
cg02661623	0.0226432	0.550935	-1.81509	1.77E-06	0.0739459	-13.5234	0.0560846	0.623351	-1.60423	0.642369	0.902888	-1.10756	21.8025	16.4763	0.671739	1
cg17603733	0.327007	1.36046	1.36046	0.256837	0.697661	-1.43336	0.281781	1.40534	1.40534	0.0793092	0.552901	-1.80864	4.61934	6.77049	1.30283	1
cg02627682	0.0352882	0.312862	-3.1963	0.0104721	0.217146	-4.6052	0.0566675	0.359688	-2.78018	0.037759	0.319168	-3.13315	4.26809	15.1859	3.16266	1
cg05106907	0.760662	0.956108	-1.04591	0.0049914	1.72615	1.72615	0.380958	1.14113	1.14113	0.0102628	0.621703	-1.60848	4.21214	1.43982	0.303845	1
cg22047552	0.0376474	0.402732	-2.48304	0.115497	0.52447	-1.90668	0.106893	0.514841	-1.94235	0.156234	0.564349	-1.77195	4.2671	9.61401	2.00272	1
cg25595319	0.0741209	1.35314	1.35314	0.13217	0.781203	-1.28008	0.793748	1.04062	1.04062	0.624917	0.92786	-1.07775	7.86001	2.87461	0.325089	1
cg03634394	0.298913	1.14216	1.14216	0.00428788	0.623997	-1.60257	0.820739	0.972369	-1.02842	0.559036	1.07567	1.07567	6.06812	1.46476	0.214566	1
cg22333833	0.729666	0.8793	-1.13727	0.0347468	0.401481	-2.49078	0.0517443	0.44006	-2.27242	0.0107255	0.304543	-3.28361	5.96782	12.9947	1.93552	1
cg05099196	0.541115	0.926184	-1.0797	0.128561	0.815785	-1.22581	0.723549	0.956934	-1.045	0.51113	0.920713	-1.08612	5.23554	1.27389	0.216281	1
cg04151146	0.967768	0.993283	-1.00676	0.0285138	0.649788	-1.53896	0.414851	1.14916	1.14916	0.841099	1.03405	1.03405	4.64861	2.04846	0.391698	1
cg05085729	0.0011825	0.488945	-2.04522	0.00281601	1.85706	1.85706	0.038975	1.43259	1.43259	1.35E-06	0.155982	-6.41098	67.9461	24.3501	0.318554	1
cg03644629	0.024156	0.58393	-1.71254	0.240699	0.782086	-1.27863	0.179103	1.33055	1.33055	0.000241958	0.296724	-3.37014	41.3737	26.2388	0.563726	1
cg15007120	0.727411	1.05582	1.05582	0.0228614	1.52598	1.52598	0.665106	1.06993	1.06993	0.0975885	0.754178	-1.32595	12.7829	4.87694	0.339131	1
cg08098111	0.0741602	0.390874	-2.55837	0.0109402	0.22143	-4.51609	0.689402	0.827244	-1.20883	0.0570378	0.361853	-2.76355	4.25736	15.0267	3.1374	1
cg20382831	9.12E-05	0.230666	-4.33527	3.11E-05	0.181771	-5.50144	0.738188	0.932046	-1.07291	0.000160925	0.258729	-3.86505	39.1781	27.3063	0.619537	1
cg27270214	0.0057305	0.211396	-4.73047	0.000228054	0.0722352	-13.8437	0.00313882	0.176842	-5.65476	0.581534	1.26977	1.26977	9.91842	28.9176	2.59159	1
cg01993907	0.0200226	0.229989	-4.34804	0.00354444	0.126219	-7.92274	0.00276204	0.115086	-8.68915	0.02	0.229903	-4.34967	7.22274	31.3685	3.86046	1
cg11115405	0.00697811	0.195969	-5.10284	0.00243321	0.139349	-7.17625	0.329815	0.625207	-1.59947	0.349882	0.638004	-1.56739	6.29612	21.7505	3.07074	1
cg07612827	0.012425	0.228785	-4.37091	0.0225316	0.27382	-3.65204	0.0621432	0.369514	-2.70626	0.0897593	0.412012	-2.42712	4.96724	17.6814	3.1641	1
cg07141565	0.00440618	0.417691	-2.39412	9.90E-05	4.88962	4.88962	0.0941607	0.655317	-1.52598	0.134682	1.44831	1.44831	22.1514	18.5042	0.742534	1
cg18756179	0.00334976	0.512039	-1.95298	0.22237	0.806527	-1.23988	0.0130056	1.67652	1.67652	0.903903	1.02046	1.02046	6.08672	2.71012	0.39578	1
cg16349876	0.0854003	0.863367	-1.15826	0.00224581	0.718568	-1.39166	0.0342174	0.826224	-1.21033	0.475728	1.05763	1.05763	4.72203	0.446397	0.084031	1
cg25223408	0.00658587	3.96779	3.96779	3.65E-05	22.32	22.32	0.00204036	5.46443	5.46443	0.00480695	4.31236	4.31236	11.1939	27.0498	2.14798	1
cg08046324	0.00999745	5.783	5.783	0.000287384	24.3778	24.3778	0.00279463	9.23803	9.23803	0.016575	4.85062	4.85062	7.9412	36.619	4.09891	1
cg17191957	0.134538	0.758954	-1.3176	0.597376	0.912912	-1.0954	0.0554854	0.690033	-1.44921	0.320539	0.839077	-1.19179	7.58967	3.51247	0.411375	1
cg14828248	0.018533	4.29774	4.29774	0.000512268	15.9553	15.9553	0.00266583	8.34076	8.34076	0.00410002	7.14492	7.14492	7.32787	30.2591	3.6705	1
cg15364850	0.158295	0.453725	-2.20398	0.00510983	0.143909	-6.94883	0.00696521	0.160556	-6.22835	0.0163096	0.214644	-4.65889	5.03474	21.8917	3.865	1
cg04308274	0.0274671	5.97832	5.97832	0.00103139	28.0441	28.0441	0.0342288	5.441	5.441	0.0528711	4.52093	4.52093	4.82675	35.9388	6.61845	1
cg25729795	0.292474	0.587998	-1.70069	0.290225	0.586432	-1.70523	0.00116687	10.152	10.152	0.0688219	2.69164	2.69164	4.54278	17.0088	3.32813	1
cg17535087	0.0150257	2.09089	2.09089	0.00253603	2.81202	2.81202	0.6128	1.1342	1.1342	0.95515	1.01397	1.01397	4.39323	4.23663	0.857204	1
cg20201673	0.0323571	4.11953	4.11953	0.0020548	11.6308	11.6308	0.0168735	5.19209	5.19209	0.052076	3.48547	3.48547	4.22093	21.3424	4.49452	1
cg05867448	0.0306542	8.63998	8.63998	0.00363413	28.2639	28.2639	0.00702113	19.2968	19.2968	0.0154088	12.4872	12.4872	4.19007	47.8561	10.1523	1
cg02534780	0.837911	1.07165	1.07165	0.0993451	1.84099	1.84099	0.189425	0.625238	-1.59939	0.341501	0.718111	-1.39254	4.04257	7.30756	1.6068	1
cg09159751	0.0645672	0.345148	-2.89731	0.00175498	0.101823	-9.82095	0.210612	0.508705	-1.96578	0.511177	0.710744	-1.40698	3.88151	16.1387	3.69586	1
cg04486022	0.114317	1.7193	1.7193	0.00221682	3.86763	3.86763	0.0430541	2.0844	2.0844	0.113717	1.72111	1.72111	3.54929	5.5957	1.4014	1
cg02864732	0.00898382	3.53753	3.53753	2.35E-05	24.8316	24.8316	0.00210503	5.1793	5.1793	0.00719208	3.74114	3.74114	11.8979	27.2503	2.03587	1
cg14460816	0.00324795	1.59893	1.59893	4.42E-05	0.404458	-2.47245	0.817491	1.0274	1.0274	0.262237	1.14647	1.14647	14.6704	3.17677	0.192482	1
cg10844118	0.244261	0.497176	-2.01136	0.12941	2.57194	2.57194	0.000256889	0.0240081	-41.6527	0.350772	1.73244	1.73244	6.96382	35.0403	3.9136	1
cg12203852	0.293658	0.92004	-1.08691	0.278332	0.917372	-1.09007	0.604488	0.960812	-1.04079	0.00231594	1.38482	1.38482	4.45622	0.413102	0.0824021	1
cg08790491	0.125072	1.60653	1.60653	0.592774	1.16667	1.16667	0.501134	0.822863	-1.21527	0.523105	1.20297	1.20297	3.51429	4.53804	1.14783	1
cg26429530	0.783754	0.876896	-1.14039	0.000853343	0.0913698	-10.9445	0.897382	0.940243	-1.06355	0.16753	0.495327	-2.01887	4.66346	16.8431	3.21041	1
cg07444473	0.256802	0.663196	-1.50785	0.00707106	0.298851	-3.34615	0.00619502	0.289805	-3.4506	0.0296169	0.411241	-2.43167	11.1367	21.2365	1.69502	1
cg08351100	0.143995	0.579875	-1.72451	0.00339326	0.250885	-3.98589	0.00718362	0.299763	-3.33597	0.00781148	0.305613	-3.27211	6.95283	13.2716	1.69672	1
cg03583016	0.46426	0.614484	-1.62738	0.0103343	0.120981	-8.26574	0.0608723	0.251253	-3.98005	0.0443987	0.221036	-4.52416	4.88879	33.093	6.01703	1
cg24688655	0.0984619	0.450456	-2.21997	0.00899121	0.231796	-4.31414	0.0186548	0.285111	-3.50741	0.0264908	0.314212	-3.18256	4.03634	12.3812	2.72661	1
cg00082770	0.0877034	0.498783	-2.00488	0.075235	2.07716	2.07716	0.321046	0.684995	-1.45986	0.00585488	0.264145	-3.7858	3.84723	8.2978	1.91718	1
cg22814961	0.269552	0.341026	-2.93232	0.00975742	21.2838	21.2838	0.350504	2.45744	2.45744	0.854002	1.1881	1.1881	3.82765	53.0719	12.3248	1
cg18148653	0.881481	0.971029	-1.02984	0.0573862	0.654699	-1.52742	0.242542	0.78583	-1.27254	0.164806	1.33913	1.33913	3.43627	2.11339	0.546688	1
cg15590217	0.155041	0.844087	-1.18471	0.0529418	0.782707	-1.27762	0.0710828	0.798849	-1.2518	0.098047	1.22402	1.22402	8.03088	1.57798	0.174657	1
cg24686380	0.317233	0.576461	-1.73472	0.830225	1.1212	1.1212	0.654011	1.27171	1.27171	0.270591	0.542728	-1.84254	6.94984	31.2448	3.99622	1
cg05846365	0.00610477	0.401623	-2.4899	0.0636591	1.70131	1.70131	0.564891	0.862172	-1.15986	0.175244	0.692527	-1.44399	6.53871	6.72687	0.914467	1
cg20247048	0.520501	1.20832	1.20832	0.0805652	0.569462	-1.75604	0.695329	1.12114	1.12114	0.0768396	0.564586	-1.77121	4.61581	6.17031	1.18825	1
cg15236196	0.0195944	0.335701	-2.97884	0.00572284	0.246067	-4.06393	0.354623	1.44565	1.44565	0.13504	0.536044	-1.86552	4.03256	9.56659	2.10874	1
cg12196685	0.145744	1.44585	1.44585	0.0475389	0.585669	-1.70745	0.788339	0.938456	-1.06558	0.0342004	0.558044	-1.79197	3.99326	3.52417	0.784469	1
cg27276457	0.00121868	0.316513	-3.15943	7.63E-05	0.175037	-5.71309	0.000947942	0.301894	-3.31242	0.000879864	0.297626	-3.35992	15.2852	14.2989	0.831535	1
cg04470984	0.757161	0.9444	-1.05887	0.314947	0.825595	-1.21125	0.208031	1.2774	1.2774	0.0691326	0.687238	-1.4551	11.3825	6.13226	0.478885	1
cg06333719	0.121563	0.695448	-1.43792	0.0205474	0.546735	-1.82904	0.00104351	2.85809	2.85809	0.863835	0.963539	-1.03784	7.575	5.61756	0.659192	1
cg15126862	0.0725671	0.548385	-1.82354	0.00187382	0.266459	-3.75293	0.00151961	0.25429	-3.93252	0.0232707	0.443421	-2.25519	7.38089	10.5122	1.26599	1
cg16947138	0.0636432	0.444898	-2.24771	0.000352983	0.107596	-9.29403	0.177306	0.572961	-1.74532	0.0088756	0.274292	-3.64574	7.33608	17.529	2.12394	1
cg06293294	0.383361	1.12012	1.12012	0.43732	1.10577	1.10577	0.691152	0.950588	-1.05198	0.270901	1.15657	1.15657	6.70471	1.70992	0.226696	1
cg09187709	0.0211084	0.204547	-4.88886	0.00245316	0.0896997	-11.1483	0.911389	1.06578	1.06578	0.0108203	0.16016	-6.24375	5.20862	27.0119	4.60977	1
cg05925497	0.808194	1.05152	1.05152	0.323867	0.81021	-1.23425	0.00321887	2.29423	2.29423	0.0202198	0.560763	-1.78329	4.82272	3.25891	0.60066	1
cg02008402	0.0385748	0.384649	-2.59977	0.287675	0.643933	-1.55296	0.928715	0.964952	-1.03632	0.0364963	0.379402	-2.63572	4.43239	11.1604	2.23814	1
cg05812171	0.161489	1.11387	1.11387	0.00103193	0.704228	-1.41999	0.59014	1.04	1.04	0.538801	0.956109	-1.04591	4.41863	0.364041	0.0732337	1
cg15580724	0.836127	1.04008	1.04008	0.416664	0.854267	-1.17059	0.0598906	0.668427	-1.49605	0.0857892	1.43374	1.43374	3.66033	2.08726	0.50688	1
cg04819714	0.355799	0.839008	-1.19188	0.0668961	0.684125	-1.46172	0.907314	1.02176	1.02176	1.49E-05	0.189986	-5.26354	14.3437	7.75865	0.48081	1
cg17491560	0.00489098	0.277454	-3.6042	0.000400135	0.144265	-6.93167	0.00508836	0.280043	-3.57088	0.0539554	0.471392	-2.12138	11.7004	21.8974	1.66357	1
cg05940966	0.00190926	0.297099	-3.36589	0.00319551	3.0381	3.0381	0.0383496	1.93964	1.93964	0.308423	1.3378	1.3378	7.75725	9.36301	1.07289	1
cg02328035	0.858024	1.0205	1.0205	0.177008	1.17662	1.17662	0.812338	1.02732	1.02732	0.0555715	0.782007	-1.27876	7.2762	1.48042	0.180854	1
cg02202411	0.0207411	0.368047	-2.71705	0.0030639	0.233239	-4.28745	0.0394724	0.425256	-2.35152	0.124732	0.550661	-1.816	5.15043	10.512	1.81422	1
cg19815376	0.145508	0.552733	-1.80919	0.794999	1.10382	1.10382	0.83326	0.923145	-1.08325	0.0639079	0.453848	-2.20338	5.10159	11.6265	2.02577	1
cg00253182	0.889479	1.03434	1.03434	0.470835	0.836846	-1.19496	0.000563932	3.66117	3.66117	0.134933	1.47891	1.47891	7.02252	6.55687	0.829949	1
cg14192935	0.0670424	0.4836	-2.06782	0.222976	0.635593	-1.57334	0.552814	0.808556	-1.23677	0.197179	0.617237	-1.62012	3.72474	7.38891	1.76332	1
cg11648740	0.00642604	0.304111	-3.28827	0.00767351	0.316442	-3.16013	0.0687544	0.504568	-1.98189	0.0157203	0.37007	-2.70219	8.57476	15.314	1.5875	1
cg06668724	0.000638383	0.383289	-2.609	0.0793039	0.700295	-1.42797	0.0344853	0.637003	-1.56985	0.0305279	0.628213	-1.59182	14.9922	7.94176	0.470868	1
cg04595323	0.553861	0.946523	-1.0565	0.0629498	0.825308	-1.21167	0.173504	1.14215	1.14215	0.00667531	1.38126	1.38126	12.8797	1.71826	0.118585	1
cg25924840	0.511494	1.04625	1.04625	0.0119877	0.808304	-1.23716	0.490584	0.953567	-1.04869	0.953647	1.00395	1.00395	16.5657	1.20954	0.0649021	1
cg06760162	0.139012	0.878933	-1.13774	0.00031978	0.623717	-1.60329	0.928968	1.00725	1.00725	0.59733	1.04415	1.04415	11.7017	1.21707	0.0924513	1
cg11442110	0.00741498	0.156214	-6.40147	6.90E-05	0.0199386	-50.154	0.00192668	0.0941581	-10.6204	0.011597	0.182938	-5.46633	11.3587	52.1182	4.07855	1
cg21884568	0.00245175	0.156554	-6.38757	0.00080728	0.108155	-9.24599	0.000489349	0.0903904	-11.0631	0.00503295	0.195436	-5.11677	9.34185	28.6462	2.72572	1
cg10763638	0.955744	1.0032	1.0032	0.0411129	1.14515	1.14515	0.941559	0.995792	-1.00423	0.00228257	1.27808	1.27808	7.99069	0.418636	0.0465693	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19583379	FLJ35220;FLJ35220;FLJ35220;LOC100294362	0.0120192	0.00775772	0.207246	-4.82519	0.0576117	0.372215	-2.68662	0.0588297	0.374449	-2.67059	0.0917176	0.425421	-2.35062	0.00617517	0.193209	-5.17573	0.00974251	0.22206	-4.50329	0.00678377	0.198898	-5.0277	0.00409841	0.169864	-5.88705	0.0480965	0.353495	-2.82889	5.5706	18.6927	2.98276	1
cg04768764	FLJ35220;FLJ35220;LOC100294362;FLJ35220	0.00103218	0.000754681	0.612614	-1.63235	0.0303132	0.783294	-1.27666	0.000606344	0.602302	-1.6603	0.785559	0.974179	-1.02651	0.159514	0.865721	-1.15511	0.0183009	0.759817	-1.31611	0.00381651	0.687858	-1.45379	0.00379285	1.45439	1.45439	0.199838	1.13873	1.13873	11.6613	1.69932	0.129532	1
cg24927852	FLJ35220;LOC100294362;FLJ35220;FLJ35220	0.00251746	0.114801	0.496556	-2.01387	0.0170544	0.305061	-3.27803	0.00317434	0.19299	-5.18161	0.121761	0.504217	-1.98327	0.00127463	0.146861	-6.80917	0.0151284	0.295693	-3.38189	0.000330582	0.0938402	-10.6564	0.0227896	0.328767	-3.04167	0.00193539	0.166856	-5.9932	9.01356	23.7889	2.34599	1
cg22787286	FLJ35220;LOC100294362;FLJ35220;FLJ35220	0.0180234	0.43387	1.39305	1.39305	0.212677	1.72438	1.72438	0.179803	1.80651	1.80651	0.868298	1.07132	1.07132	0.000580033	0.109786	-9.10861	0.811415	1.10432	1.10432	0.057267	0.409492	-2.44205	0.54405	0.774982	-1.29035	0.433409	0.717599	-1.39354	4.87299	13.2997	2.42602	1
cg12362059	FLJ35220;LOC100294362;FLJ35220;FLJ35220	0.0404515	0.0490979	0.804388	-1.24318	0.0150028	1.33608	1.33608	0.169812	1.15223	1.15223	0.0796461	0.828203	-1.20743	0.276397	1.11595	1.11595	0.6304	0.954108	-1.0481	0.231576	0.885514	-1.12929	0.846519	1.01896	1.01896	0.0478253	1.24515	1.24515	3.66793	0.545464	0.132188	1
cg11307134	FLJ35390;FLJ35390;RASA4P	0.000447297	0.0136195	1.80406	1.80406	0.000291698	3.13204	3.13204	0.107764	1.40395	1.40395	0.802412	0.952686	-1.04966	0.0980151	1.42031	1.42031	0.0116805	1.83894	1.83894	1.03E-05	6.2059	6.2059	0.083496	1.44824	1.44824	0.574536	1.11589	1.11589	14.7383	8.72375	0.526143	1
cg20608215	FLJ35390;FLJ35390;RASA4P	0.00236557	0.0333541	0.501926	-1.99233	0.0210265	0.463277	-2.15853	0.00379205	0.338736	-2.95215	0.238069	1.40856	1.40856	0.000241233	0.185677	-5.38569	0.67593	0.889999	-1.1236	0.00260887	0.314805	-3.17657	0.00483208	0.354818	-2.81835	0.130132	0.635603	-1.57331	9.17997	11.1715	1.08173	1
cg14743534	FLJ35390;FLJ35390;RASA4P	0.00706048	0.0377236	1.57648	1.57648	0.0042019	2.06298	2.06298	0.126874	1.36595	1.36595	0.0196586	1.70282	1.70282	0.116437	1.38016	1.38016	0.000634832	2.69451	2.69451	0.101743	1.40263	1.40263	0.00216858	2.25411	2.25411	0.127483	1.36516	1.36516	6.59739	3.72737	0.502201	1
cg14611084	FLJ35390;FLJ35390;RASA4P	0.0247364	0.574445	0.928791	-1.07667	0.110411	1.25422	1.25422	0.968504	1.00515	1.00515	0.328177	1.14044	1.14044	0.0057953	0.624621	-1.60097	0.0274395	1.40445	1.40445	0.721275	1.04775	1.04775	0.0110237	1.51465	1.51465	0.992639	0.9988	-1.0012	4.37332	1.17426	0.238671	1
cg11444527	FLJ35390;RASA4P;FLJ35390	0.000887931	0.702214	0.88815	-1.12594	0.000373783	0.172556	-5.79521	0.000610176	0.195846	-5.10606	0.324265	1.36934	1.36934	0.00247606	0.27279	-3.66582	0.00124669	0.233124	-4.28956	0.000696911	0.202478	-4.9388	0.530529	0.821865	-1.21674	0.0320351	0.460434	-2.17186	12.169	18.3749	1.3422	1
cg05591447	FLJ36000	0.000892875	0.00622862	0.448327	-2.23051	0.0302499	0.563738	-1.77387	0.0194605	0.529675	-1.88795	0.493841	0.855282	-1.1692	0.000128202	0.223501	-4.47426	0.00823536	0.467497	-2.13905	0.0224267	1.85031	1.85031	0.0293684	0.561401	-1.78126	0.00050906	0.294766	-3.39252	12.15	9.74007	0.712582	1
cg14492302	FLJ36000	0.00179289	0.0632928	0.49326	-2.02733	0.00233839	0.237506	-4.21043	0.924486	0.96843	-1.0326	0.00713362	0.308563	-3.24083	0.000215821	0.123775	-8.07918	0.00968642	0.330387	-3.02675	0.0146794	0.361865	-2.76346	0.00256644	0.242959	-4.11592	0.00204301	0.229737	-4.3528	9.95321	18.0487	1.61187	1
cg21857867	FLJ36000	0.00246574	0.00355515	0.281434	-3.55323	0.000732611	0.192586	-5.19249	0.746606	1.10966	1.10966	0.320335	0.719236	-1.39037	0.000367258	0.160225	-6.24122	0.417079	0.766307	-1.30496	0.00258109	0.261663	-3.82171	0.5291	0.814937	-1.22709	0.0441023	0.475992	-2.10088	9.06879	14.795	1.45015	1
cg17985944	FLJ36000	0.00365198	0.00975	0.115371	-8.6677	0.117331	0.325022	-3.07671	0.00536392	0.0886906	-11.2752	0.202881	0.411419	-2.43061	0.000432732	0.0252923	-39.5378	0.00927724	0.112916	-8.85613	0.00470647	0.083613	-11.9599	0.0925224	0.294306	-3.39783	0.00187037	0.0542202	-18.4433	8.07037	55.7934	6.14521	1
cg01699727	FLJ36000	0.00384133	0.803627	0.933277	-1.07149	0.0914766	1.6738	1.6738	0.00149709	0.281205	-3.55613	0.158315	0.658359	-1.51893	0.000384816	0.207989	-4.80794	0.426083	0.798311	-1.25264	0.447766	1.23917	1.23917	0.605658	1.15528	1.15528	0.0146823	0.434928	-2.29923	7.94877	9.67089	1.08147	1
cg13541588	FLJ36000	0.00553566	0.436119	1.33318	1.33318	0.0980763	1.92858	1.92858	0.0179143	0.352977	-2.83305	0.387553	0.725745	-1.37789	0.000628774	0.149219	-6.70156	0.818036	0.919972	-1.08699	0.0114113	3.14563	3.14563	0.194632	1.64312	1.64312	0.15772	0.578825	-1.72764	7.11342	14.759	1.84428	1
cg25871824	FLJ36000	0.00896211	0.35587	1.29575	1.29575	0.693854	0.897689	-1.11397	0.0331525	0.506895	-1.9728	0.313181	0.752314	-1.32923	0.00267289	0.322125	-3.10439	0.907821	1.03211	1.03211	0.00266769	3.10557	3.10557	0.178383	1.47712	1.47712	0.169834	0.671046	-1.49021	6.12056	7.21506	1.04784	1
cg20813927	FLJ36000	0.00975961	0.0120803	0.300811	-3.32435	0.00147564	0.171827	-5.81981	0.0275357	0.367695	-2.71965	0.192925	0.589235	-1.69712	0.113554	0.516352	-1.93666	0.0148201	0.316379	-3.16077	0.0784774	2.11759	2.11759	0.0313652	0.379357	-2.63604	0.09817	0.498408	-2.00639	5.95675	13.9018	2.07447	1
cg01476885	FLJ36000	0.00991358	0.00496324	0.174203	-5.74041	0.015767	0.249109	-4.01431	0.0119633	0.229197	-4.36306	0.110609	0.441851	-2.26321	0.00737374	0.197461	-5.06428	0.0687964	0.384101	-2.60348	0.0477941	2.89567	2.89567	0.211551	0.538843	-1.85583	0.0388635	0.325114	-3.07584	5.92704	20.7194	3.10732	1
cg08003956	FLJ36000	0.015557	0.00644962	0.163753	-6.10676	0.00489174	0.148819	-6.71958	0.0540267	0.327234	-3.05592	0.85192	1.10015	1.10015	0.00597297	0.15949	-6.26997	0.0313416	0.275273	-3.63276	0.126678	0.430039	-2.32537	0.0174772	0.228183	-4.38244	0.0719546	0.358431	-2.78994	5.11851	21.1505	3.67303	1
cg14347999	FLJ36000	0.0271819	0.0691979	0.610543	-1.63789	0.0434699	0.569199	-1.75685	0.0900922	0.635491	-1.57359	0.411985	0.815805	-1.22578	0.00147332	0.328305	-3.04595	0.0997277	0.645433	-1.54935	0.948966	1.01566	1.01566	0.113137	0.658066	-1.5196	0.012588	0.470938	-2.12342	4.23168	3.94749	0.829193	1
cg06609220	FLJ36000	0.0299663	0.151419	0.735138	-1.36029	0.380745	0.835293	-1.19719	0.454346	1.16481	1.16481	0.660625	0.915357	-1.09247	0.642822	1.098	1.098	0.0489248	0.637559	-1.56848	0.00145323	2.51119	2.51119	0.53248	0.881118	-1.13492	0.560289	0.888795	-1.12512	4.08846	2.59465	0.564114	1
cg25009896	FLJ36000	0.0393049	0.0283802	0.47059	-2.12499	0.0310617	0.478383	-2.09038	0.0169586	0.428145	-2.33565	0.258116	0.709101	-1.41024	0.00633342	0.35505	-2.8165	0.0929864	0.583684	-1.71326	0.116857	0.608785	-1.64262	0.08539	0.574655	-1.74017	0.0280752	0.469665	-2.12918	3.70697	4.9824	1.19472	1
cg11029811	FLJ36000	0.041683	0.0637818	0.481654	-2.07618	0.0317708	0.413788	-2.4167	0.061034	0.477051	-2.09621	0.235675	0.646823	-1.54602	0.00233533	0.225431	-4.43596	0.0782401	0.503652	-1.9855	0.388913	0.733774	-1.36282	0.143141	0.576001	-1.73611	0.0358361	0.424813	-2.35398	3.6275	7.06098	1.73024	1
cg13999514	FLJ36031	0.000309675	0.410042	0.757071	-1.32088	0.000918409	0.194744	-5.13493	0.0137371	0.365541	-2.73567	0.0099592	0.34124	-2.93049	0.000172349	0.121507	-8.23	0.0561873	0.489498	-2.04291	1.74E-05	0.0546245	-18.3068	0.567366	1.21042	1.21042	0.00355285	0.271155	-3.68792	16.3078	28.1828	1.53616	1
cg05364750	FLJ36031	0.000470357	0.000189308	0.28732	-3.48044	0.184377	1.32179	1.32179	0.0408014	0.626327	-1.59661	0.000781974	0.365458	-2.73629	0.000140993	0.27208	-3.67538	0.524798	0.880119	-1.13621	0.0103773	0.527497	-1.89575	0.435817	1.17062	1.17062	0.0545185	1.54068	1.54068	14.5347	9.03783	0.552722	1
cg03593280	FLJ36031;FLJ36031	0.0122776	0.15694	0.656842	-1.52244	0.575	1.17033	1.17033	0.0327619	2.00075	2.00075	0.29128	0.737828	-1.35533	0.139435	0.643013	-1.55518	0.78259	0.926074	-1.07983	0.00153372	0.282002	-3.54608	0.00507514	0.357534	-2.79694	0.23348	0.706928	-1.41457	5.53225	6.75429	1.08524	1
cg02430732	FLJ36777	2.72E-05	0.524596	1.08258	1.08258	0.015066	1.44432	1.44432	0.180512	0.839458	-1.19125	0.051168	0.760872	-1.31428	7.96E-07	0.19617	-5.09762	0.00936952	1.5	1.5	0.00189966	1.71858	1.71858	0.00122068	0.55858	-1.79026	0.589931	0.935235	-1.06925	31.259	7.49769	0.213206	1
cg19775672	FLJ36777	9.42E-05	0.674512	0.943809	-1.05954	0.000329649	2.21213	2.21213	0.0247677	1.44187	1.44187	0.0494903	1.35919	1.35919	2.26E-05	0.31268	-3.19816	0.747025	1.04531	1.04531	0.00549555	1.64838	1.64838	0.00345428	1.72225	1.72225	0.000846999	0.503149	-1.98748	22.4974	6.67952	0.263912	1
cg25744957	FLJ36777	0.0142471	0.270881	0.792921	-1.26116	0.000898122	2.73485	2.73485	0.69658	0.923744	-1.08255	0.398813	0.839584	-1.19107	0.138885	0.724373	-1.3805	0.346929	1.21658	1.21658	0.0962244	0.69092	-1.44734	0.367028	0.828971	-1.20631	0.034213	0.606449	-1.64894	5.26947	3.41932	0.576794	1
cg18997137	FLJ37307;FLJ37307	0.000746218	0.958646	0.989928	-1.01017	0.927845	1.01784	1.01784	0.0839795	0.688479	-1.45248	0.0874128	0.691864	-1.44537	1.18E-05	0.163631	-6.11131	0.0270416	1.66697	1.66697	0.0924727	0.696654	-1.43543	0.476476	0.868205	-1.1518	0.0281448	0.602827	-1.65885	12.7797	7.7132	0.536491	1
cg16096766	FLJ37307;FLJ37307	0.000747111	0.00209322	0.273994	-3.64972	0.469269	0.802367	-1.24631	0.00983659	0.37688	-2.65336	0.47813	1.2407	1.2407	1.56E-05	0.0692379	-14.443	0.79916	1.07923	1.07923	0.0144412	0.405946	-2.46338	0.746206	0.907449	-1.10199	0.0959028	0.578738	-1.7279	12.7754	18.0967	1.25913	1
cg01657556	FLJ37307;FLJ37307	0.00285877	0.00171811	0.267884	-3.73296	0.00318591	0.305561	-3.27267	0.0739278	0.55635	-1.79743	0.143068	0.62919	-1.58934	0.00041205	0.191919	-5.21053	0.00320535	0.305947	-3.26854	0.00663743	0.354465	-2.82115	0.0089735	0.375961	-2.65985	0.0563037	0.52927	-1.8894	8.68142	11.9155	1.22002	1
cg00920337	FLJ37307;FLJ37307	0.00401976	0.106589	0.758054	-1.31917	0.581868	0.916282	-1.09137	0.00306065	0.528559	-1.89194	0.0986611	0.752256	-1.32934	0.000347545	0.404778	-2.47049	0.606397	0.921545	-1.08513	0.706072	1.06137	1.06137	0.00114248	0.471457	-2.12108	0.96005	0.992156	-1.00791	7.84084	3.06905	0.347928	1
cg09258993	FLJ37307;FLJ37307	0.0106718	0.0049833	0.408235	-2.44957	0.00395727	0.392911	-2.54511	0.172174	0.704494	-1.41946	0.0149696	0.486233	-2.05663	0.00116584	0.316912	-3.15545	0.916953	0.975173	-1.02546	0.130391	0.674517	-1.48254	0.428772	0.823072	-1.21496	0.163021	0.698437	-1.43177	5.78868	5.32651	0.817919	1
cg06100461	FLJ37307;FLJ37307	0.0199203	0.848962	0.940997	-1.0627	0.0408604	0.470987	-2.1232	0.769281	1.09836	1.09836	0.328859	0.725094	-1.37913	?	?	?	0.00701397	0.328889	-3.04054	0.00205919	0.250404	-3.99354	0.592205	1.18824	1.18824	0.578958	1.19578	1.19578	4.79655	6.87059	1.4324	1
cg04647790	FLJ37307;FLJ37307	0.0414642	0.922521	0.966815	-1.03432	0.0996041	0.534659	-1.87035	0.0456342	0.451557	-2.21456	0.778422	1.10281	1.10281	0.00402595	0.26175	-3.82044	0.686663	1.15106	1.15106	0.454644	1.3024	1.3024	0.05943	2.09205	2.09205	0.643311	0.850633	-1.17559	3.63457	6.92771	1.69427	1
cg16655404	FLJ37453	0.000884704	0.932635	0.98587	-1.01433	0.726606	0.942624	-1.06087	0.588541	0.912165	-1.09629	0.00017657	0.342903	-2.91628	8.21E-05	0.30281	-3.3024	0.00252679	0.493747	-2.02533	0.019574	0.621978	-1.60777	0.911188	1.01896	1.01896	0.664203	1.07629	1.07629	12.1815	5.46657	0.398896	1
cg07383130	FLJ37453	0.00288166	0.0434467	0.600309	-1.66581	0.107334	0.679621	-1.47141	0.0176819	0.530441	-1.88522	0.000397263	0.289677	-3.45212	0.202147	0.743841	-1.34437	0.226157	0.756332	-1.32217	0.000239732	0.262896	-3.80378	0.349703	0.809342	-1.23557	0.321632	1.25232	1.25232	8.66093	6.62357	0.67979	1
cg19025461	FLJ37453	0.0104127	0.218991	0.723849	-1.3815	0.371866	0.795172	-1.25759	0.0361949	0.543943	-1.83843	0.0289125	0.525229	-1.90393	0.654152	1.11933	1.11933	0.557488	1.15986	1.15986	0.00114397	3.30496	3.30496	0.140161	1.48699	1.48699	0.0884367	0.625072	-1.59982	5.83455	5.77464	0.879762	1
cg05821634	FLJ37453	0.0143955	0.0406642	2.1628	2.1628	0.100153	1.80031	1.80031	0.580186	0.833309	-1.20003	0.421996	0.765124	-1.30698	0.113786	1.75344	1.75344	0.014969	2.65493	2.65493	0.00150948	4.44595	4.44595	0.00835641	3.00404	3.00404	0.411171	1.3156	1.3156	5.25152	8.86059	1.49977	1
cg18219212	FLJ37453	0.0191106	0.201481	0.790825	-1.2645	0.585127	0.908548	-1.10066	0.296908	0.828492	-1.20701	0.0927571	0.724838	-1.37962	0.000516328	0.389618	-2.56662	0.728921	0.941267	-1.0624	0.0375962	0.657268	-1.52145	0.021271	0.617763	-1.61874	0.79764	1.04572	1.04572	4.77768	2.29032	0.426116	1
cg25980637	FLJ37453	0.0278949	0.0554701	3.81591	3.81591	0.270748	2.02882	2.02882	0.426603	0.606025	-1.6501	0.924778	1.06	1.06	0.0282038	4.947	4.947	0.0554291	3.81699	3.81699	0.00247916	13.3982	13.3982	0.0173097	5.98062	5.98062	0.426964	1.64943	1.64943	4.19334	25.2799	5.35874	1
cg01429859	FLJ37453	0.0497537	0.114938	2.14409	2.14409	0.996436	1.00199	1.00199	0.178412	0.529316	-1.88923	0.546415	0.762166	-1.31205	0.643898	1.23013	1.23013	0.113707	2.15063	2.15063	0.00328099	5.94635	5.94635	0.048047	2.73327	2.73327	0.75379	1.15027	1.15027	3.3945	10.6437	2.78718	1
cg04841955	FLJ37453;SPEN	0.0042148	0.000477648	0.0451474	-22.1497	0.0306028	3.57237	3.57237	?	?	?	0.023	0.253459	-3.94541	?	?	?	0.931751	1.04123	1.04123	?	?	?	0.258855	0.568772	-1.75818	0.441489	1.45183	1.45183	11.8129	26.4297	2.23736	1
cg09754868	FLJ37453;SPEN	0.0104515	0.00693576	0.69405	-1.44082	0.679642	0.957521	-1.04436	0.254937	1.1323	1.1323	0.0154256	0.732927	-1.36439	0.00405094	0.668019	-1.49696	0.0433893	0.784393	-1.27487	0.395303	0.913013	-1.09527	0.00448563	0.672953	-1.48599	0.540659	1.06689	1.06689	5.82758	1.00855	0.153835	1
cg04437966	FLJ37543	0.00102844	0.00498701	0.245353	-4.07576	0.00643381	0.261877	-3.81859	0.142259	0.55078	-1.81561	0.0371892	0.400705	-2.4956	0.000124908	0.0798721	-12.52	0.898881	1.04924	1.04924	0.0307018	2.61085	2.61085	0.00079779	0.147398	-6.78435	0.0315189	0.385397	-2.59473	11.6733	26.4261	2.01227	1
cg12646044	FLJ37543	0.018017	0.377963	0.881303	-1.13468	0.496396	0.908045	-1.10127	0.454291	1.11234	1.11234	0.141439	1.24716	1.24716	0.0630432	0.746715	-1.3392	0.0094101	0.631403	-1.58377	0.382158	1.13336	1.13336	0.0565597	0.739712	-1.35188	0.00247243	0.555551	-1.80001	4.87358	1.5059	0.27466	1
cg26197254	FLJ37543	0.0232487	0.0161918	0.322962	-3.09634	0.00322293	0.213442	-4.68511	0.00477325	0.237041	-4.21868	0.0432052	0.409154	-2.44407	0.054954	0.433323	-2.30775	0.044365	0.411748	-2.42867	0.158158	0.560039	-1.78559	0.195707	0.591093	-1.69178	0.260801	0.637214	-1.56933	4.46826	10.4484	2.07855	1
cg25310784	FLJ37543	0.0289622	0.96264	1.00836	1.00836	0.0870412	0.71485	-1.39889	0.0120386	0.573323	-1.74422	0.0354524	0.64727	-1.54495	0.663978	0.92529	-1.08074	0.818215	1.04175	1.04175	0.011097	1.76064	1.76064	0.185893	1.28294	1.28294	0.46272	0.875646	-1.14201	4.13814	2.06818	0.444253	1
cg11558591	FLJ39582;FLJ39582;THAP7;THAP7	0.0227705	0.0010482	0.125463	-7.97046	0.648587	1.217	1.217	0.335886	0.653945	-1.52918	0.374163	0.676751	-1.47765	0.713492	0.853982	-1.17098	0.470662	0.730436	-1.36905	0.0177203	0.291002	-3.43641	0.0876962	2.24074	2.24074	0.943506	1.0308	1.0308	4.50038	13.0581	2.57915	1
cg20391556	FLJ39582;THAP7;FLJ39582;THAP7	0.0164468	0.041495	1.7668	1.7668	0.261561	0.753171	-1.32772	0.0188782	0.50231	-1.9908	0.0163141	2.036	2.036	0.0183531	1.99944	1.99944	0.253258	0.749095	-1.33494	0.139622	0.680543	-1.46942	0.221421	0.732579	-1.36504	0.358792	1.25666	1.25666	5.02469	4.66486	0.825232	1
cg22507989	FLJ39582;THAP7;THAP7;FLJ39582	0.00190119	0.0388852	0.516971	-1.93434	0.490022	1.21345	1.21345	0.00558441	2.72965	2.72965	0.147673	0.651422	-1.5351	0.000330748	0.202066	-4.94888	0.00211721	0.303574	-3.29409	0.299435	1.34544	1.34544	0.340312	1.31146	1.31146	0.392805	1.2732	1.2732	9.78514	11.7979	1.07173	1
cg21407818	FLJ39609	9.63E-06	0.00190774	0.550059	-1.81799	0.00757654	0.62692	-1.5951	0.00626257	0.616171	-1.62293	0.855848	0.975583	-1.02503	0.149569	0.810551	-1.23373	6.96E-06	0.25845	-3.86922	0.0835417	1.29742	1.29742	3.09E-07	0.13091	-7.63886	0.000206393	0.429609	-2.3277	40.972	11.9914	0.260155	1
cg16347928	FLJ39609	0.000215441	0.227711	0.684142	-1.46168	0.00439662	0.319822	-3.12674	0.0102055	0.378726	-2.64043	0.60385	1.1699	1.1699	0.0343258	0.477072	-2.09612	3.54E-05	0.0913432	-10.9477	0.0832007	1.77705	1.77705	2.68E-05	0.0831936	-12.0202	0.00832407	0.363847	-2.74841	18.0041	25.6248	1.26513	1
cg08029603	FLJ39609	0.000424076	0.350816	0.763725	-1.30937	0.00976812	0.399649	-2.5022	0.0752326	0.573483	-1.74373	0.195907	1.46799	1.46799	0.0244248	0.471103	-2.12268	0.000184255	0.169699	-5.8928	0.299093	1.35268	1.35268	2.29E-05	0.0926173	-10.7971	0.0152082	0.433066	-2.30912	14.957	18.6642	1.1092	1
cg15105996	FLJ39609	0.000807715	0.0131374	0.375693	-2.66175	0.0655267	0.517882	-1.93094	0.0587597	0.506825	-1.97307	0.0707044	1.90204	1.90204	0.0315549	0.448155	-2.23137	0.000258101	0.147424	-6.78314	0.0322367	2.22192	2.22192	0.000218966	0.140658	-7.10945	0.0136805	0.378821	-2.63977	12.4983	20.0597	1.42667	1
cg02565062	FLJ39609	0.000882907	0.00159118	0.355941	-2.80945	0.395293	0.819999	-1.21951	0.0338228	0.568439	-1.7592	0.524527	0.863289	-1.15836	0.00343025	0.404059	-2.47489	0.00292032	0.393723	-2.53986	0.683364	0.910756	-1.09799	2.99E-05	0.155305	-6.43893	0.0112141	0.484649	-2.06335	12.1885	10.0306	0.731513	1
cg13176867	FLJ39609	0.00123178	0.00578034	0.280278	-3.56788	0.493709	1.27696	1.27696	0.0621478	0.477756	-2.09312	0.670795	0.860368	-1.16229	0.0795981	0.504401	-1.98255	0.00121947	0.189226	-5.2847	0.85877	1.06466	1.06466	5.17E-05	0.0696713	-14.3531	0.00723866	0.295557	-3.38344	11.0887	21.7293	1.74185	1
cg13897241	FLJ39609	0.00169186	0.0240283	0.478053	-2.09182	0.0473259	0.536777	-1.86297	0.334855	0.761328	-1.31349	0.6603	1.12892	1.12892	0.00896537	0.402	-2.48756	0.00118044	0.271301	-3.68594	0.320058	0.754488	-1.3254	8.77E-05	0.145491	-6.87326	0.00347106	0.336987	-2.96747	10.1218	12.0512	1.05833	1
cg22699361	FLJ39609	0.00327557	0.00571204	0.19469	-5.13638	0.0231258	0.293398	-3.40833	0.00854805	0.219839	-4.54878	0.339072	0.64088	-1.56036	0.0655656	0.393329	-2.5424	0.00132208	0.121341	-8.24125	0.872843	0.930234	-1.075	0.000351589	0.0747921	-13.3704	0.00897036	0.223012	-4.48406	8.33725	26.9188	2.86999	1
cg21786289	FLJ39609	0.00809169	0.0854062	0.459814	-2.17479	0.611545	0.811183	-1.23277	0.294197	0.641126	-1.55976	0.490641	1.33118	1.33118	0.016656	0.302875	-3.3017	0.0043402	0.210686	-4.74639	0.181848	1.78428	1.78428	0.000966472	0.134353	-7.44307	0.0260259	0.339824	-2.9427	6.32143	16.7132	2.35013	1
cg03890988	FLJ39609	0.0102362	0.107146	0.692479	-1.44409	0.888964	0.971233	-1.02962	0.0298624	0.586256	-1.70574	0.843934	1.04204	1.04204	0.746993	0.934602	-1.06997	0.228111	0.767721	-1.30256	0.0163047	1.8472	1.8472	0.000638679	0.334357	-2.99081	0.152709	0.726129	-1.37717	5.86662	4.05654	0.614632	1
cg19159092	FLJ39609	0.0141607	0.00489521	0.245402	-4.07494	0.29952	0.666937	-1.49939	0.20741	0.606022	-1.65011	0.300424	0.667479	-1.49817	0.0786125	0.479066	-2.0874	0.0121396	0.307975	-3.24702	0.0924159	0.497723	-2.00915	0.000869202	0.152252	-6.56805	0.0332969	0.391718	-2.55285	5.28003	11.8683	1.99802	1
cg19642727	FLJ39609	0.0391514	0.0376173	0.420189	-2.37988	0.369135	0.717778	-1.39319	0.785752	1.10291	1.10291	0.527284	0.794325	-1.25893	0.0940782	0.515937	-1.93822	0.026916	0.389806	-2.56538	0.929883	1.03214	1.03214	0.00185259	0.204231	-4.89642	0.171592	0.592605	-1.68746	3.7123	7.59861	1.81944	1
cg17523544	FLJ39653;FLJ39653	0.000474687	0.0100757	0.774814	-1.29063	6.98E-05	0.565218	-1.76923	0.0011992	0.688755	-1.4519	0.634906	0.963115	-1.0383	0.000134118	0.594598	-1.68181	0.00275746	0.722899	-1.38332	0.272403	1.09391	1.09391	0.0119693	0.781656	-1.27934	0.109586	0.87192	-1.14689	14.4978	1.41741	0.0869042	1
cg07080556	FLJ39653;FLJ39653	0.000684571	0.00223566	1.5489	1.5489	0.389407	0.913797	-1.09434	0.242304	0.882435	-1.13323	0.104255	0.834004	-1.19904	0.00265305	1.52947	1.52947	6.40E-05	2.11987	2.11987	0.0196068	1.33403	1.33403	0.00659398	1.43409	1.43409	0.371339	0.910451	-1.09836	13.0924	2.16599	0.147056	1
cg19626468	FLJ39653;FLJ39653	0.0023095	0.132378	1.4466	1.4466	0.966867	1.00949	1.00949	0.00501713	0.429969	-2.32575	0.332895	0.796838	-1.25496	0.392459	1.22041	1.22041	0.113974	1.47839	1.47839	0.000256265	0.254417	-3.93055	0.0453077	1.68554	1.68554	0.00953775	0.47404	-2.10953	9.24482	7.56901	0.72776	1
cg10294960	FLJ39653;FLJ39653	0.0107686	0.956997	0.996249	-1.00376	0.000890712	0.706937	-1.41455	0.170296	0.90324	-1.10713	0.0275808	0.833976	-1.19908	0.390445	0.94052	-1.06324	0.103621	1.13205	1.13205	0.0240503	1.20627	1.20627	0.263598	0.922001	-1.0846	0.352147	0.935456	-1.069	5.77189	0.443895	0.0683613	1
cg26296957	FLJ39653;FLJ39653	0.0390276	0.0437628	0.17631	-5.67182	0.0923309	0.249777	-4.00357	0.216247	0.377423	-2.64954	0.152612	0.317541	-3.1492	0.0165242	0.111609	-8.95988	0.0851096	0.240396	-4.15981	0.00609352	0.0684938	-14.5999	0.0171101	0.113477	-8.81235	0.036744	0.162536	-6.15249	3.71662	33.0024	7.89306	1
cg08887952	FLJ39653;FLJ39653	0.0464441	0.085654	0.809381	-1.23551	0.01968	1.36842	1.36842	0.571143	1.06579	1.06579	0.205379	0.861798	-1.16036	0.937779	0.991347	-1.00873	0.366231	0.90182	-1.10887	0.00672329	1.47882	1.47882	0.854487	1.02065	1.02065	0.657296	1.05096	1.05096	3.48398	0.683824	0.174468	1
cg05260085	FLJ40125	0.00753288	0.524598	1.37794	1.37794	0.0287571	3.60528	3.60528	0.0819825	2.60701	2.60701	0.104438	2.41692	2.41692	0.0249711	0.265446	-3.76725	0.276772	1.75495	1.75495	0.000370166	17.0038	17.0038	0.213693	1.91747	1.91747	0.0643554	2.81033	2.81033	6.46514	25.3129	3.48026	1
cg01869643	FLJ40125	0.0128034	0.724747	1.12866	1.12866	0.169152	1.65116	1.65116	0.640413	1.17475	1.17475	0.95706	1.0186	1.0186	0.943308	1.02465	1.02465	0.323157	0.705142	-1.41815	0.00027473	0.13005	-7.68932	0.194846	1.59912	1.59912	0.360651	1.3795	1.3795	5.45723	10.1295	1.64993	1
cg09410752	FLJ40330	0.00445802	0.499222	0.816968	-1.22404	0.0580397	1.88027	1.88027	0.788908	1.0823	1.0823	0.0134947	2.46266	2.46266	0.393885	0.773075	-1.29354	0.184995	0.660799	-1.51332	0.00285472	0.298234	-3.35307	0.0447763	0.507175	-1.9717	0.00219166	3.54644	3.54644	7.5993	10.4537	1.22277	1
cg13422093	FLJ40330	0.00859606	0.0431343	0.760337	-1.31521	0.0278448	0.736318	-1.35811	0.00148143	0.582782	-1.71591	0.743727	0.962107	-1.03939	0.00417378	0.636333	-1.5715	0.184469	0.847247	-1.18029	0.164264	1.19096	1.19096	0.392918	1.10856	1.10856	0.0223844	0.724539	-1.38019	6.20194	1.36204	0.195214	1
cg01506298	FLJ40330	0.0117475	0.0268686	1.58754	1.58754	0.373831	1.17461	1.17461	0.880298	0.973784	-1.02692	0.239088	1.24278	1.24278	0.0454392	1.49854	1.49854	0.170986	1.29303	1.29303	0.00318106	2.03438	2.03438	0.0641391	1.44303	1.44303	0.000675589	2.5	2.5	5.61205	2.76235	0.437526	1
cg21296675	FLJ40330	0.0401423	0.944273	1.00808	1.00808	0.959684	1.00584	1.00584	0.0891707	0.80588	-1.24088	0.366177	0.898622	-1.11281	0.0730989	0.794423	-1.25878	0.948044	0.992525	-1.00753	0.0103983	1.44992	1.44992	0.0141877	1.41678	1.41678	0.608741	1.06124	1.06124	3.67832	0.772262	0.186622	1
cg20267823	FLJ40434	0.000266209	0.595998	0.912178	-1.09628	4.75E-06	0.165461	-6.0437	0.0440596	0.672025	-1.48804	0.0400594	1.50323	1.50323	0.527072	0.895751	-1.11638	0.0302896	1.54886	1.54886	0.0665952	1.42385	1.42385	0.760681	0.948871	-1.05388	0.890323	1.02399	1.02399	16.9963	7.94435	0.415482	1
cg14822257	FLJ40434	0.000418045	0.920988	0.98884	-1.01129	0.174121	0.849128	-1.17768	0.566629	0.93658	-1.06771	0.284331	0.881783	-1.13407	4.64E-06	0.304743	-3.28146	0.182031	1.17378	1.17378	0.0617419	1.26871	1.26871	0.948845	0.992769	-1.00728	0.45664	0.917819	-1.08954	15.0163	3.04308	0.180135	1
cg18965391	FLJ40434	0.000543006	0.275757	1.17481	1.17481	0.000157921	0.399218	-2.5049	0.000511368	0.462563	-2.16187	0.399831	1.13028	1.13028	0.00194457	0.53645	-1.86411	0.863904	0.975918	-1.02468	0.000967071	0.497578	-2.00974	0.14126	0.798675	-1.25207	0.000936483	0.495801	-2.01694	13.9667	4.46606	0.284234	1
cg22073262	FLJ40434	0.00117123	0.603253	1.10831	1.10831	0.670273	1.08763	1.08763	0.100492	0.702667	-1.42315	0.713951	1.07487	1.07487	3.79E-05	0.212087	-4.71506	0.561827	0.891332	-1.12192	0.37769	1.19425	1.19425	0.690198	1.08175	1.08175	0.000666291	0.360032	-2.77753	11.2494	6.85291	0.541493	1
cg12663103	FLJ40434	0.00464826	0.00187183	0.360184	-2.77635	0.00477031	0.420056	-2.38063	0.104268	0.662905	-1.50851	0.795929	1.06183	1.06183	0.00122679	0.334674	-2.98799	0.710145	0.917205	-1.09027	0.111419	0.669385	-1.49391	0.00267044	0.382364	-2.61531	0.0167337	0.508612	-1.96614	7.50349	6.36864	0.754451	1
cg07204163	FLJ40434	0.00686483	0.00203177	0.583027	-1.71519	0.00751308	1.5321	1.5321	0.426156	0.904145	-1.10602	0.0977427	0.798287	-1.25268	0.873869	1.0199	1.0199	0.711717	0.955014	-1.04711	0.0402867	1.34151	1.34151	0.010581	0.671178	-1.48992	0.44334	1.10177	1.10177	6.65543	1.62089	0.216484	1
cg07955424	FLJ40434	0.0188708	0.00227861	1.57449	1.57449	0.54279	0.936569	-1.06773	0.788011	1.02908	1.02908	0.0150026	1.37448	1.37448	0.0773406	0.81149	-1.2323	0.0589398	0.797009	-1.25469	0.376971	1.10124	1.10124	0.867318	1.01795	1.01795	0.599968	0.945262	-1.05791	4.79812	0.85991	0.159305	1
cg16154524	FLJ40504	0.00030025	0.0450259	1.43487	1.43487	0.000543877	2.32507	2.32507	0.00300651	1.89396	1.89396	0.00603184	1.7562	1.7562	0.00135363	0.481598	-2.07612	0.118598	1.30468	1.30468	5.29E-05	3.27107	3.27107	0.0131579	1.62029	1.62029	0.0242296	1.5246	1.5246	16.4464	6.41893	0.346928	1
cg06503831	FLJ40504	0.00632229	0.0142584	3.4609	3.4609	0.0137855	3.4918	3.4918	0.106054	2.0648	2.0648	0.179791	1.79529	1.79529	0.00666315	4.24615	4.24615	0.031252	2.8237	2.8237	0.00035752	10.5166	10.5166	0.00733723	4.13545	4.13545	0.0964618	2.11619	2.11619	6.8278	18.2433	2.37504	1
cg10806562	FLJ40504	0.00760233	0.0100601	0.780551	-1.28115	0.431949	0.94066	-1.06308	0.882156	0.98875	-1.01138	0.0820785	0.863349	-1.15828	0.00036005	0.646309	-1.54725	0.00886911	0.775652	-1.28924	0.697723	1.03022	1.03022	0.295695	1.08623	1.08623	0.399617	0.936347	-1.06798	6.44657	0.593975	0.0819006	1
cg16505808	FLJ40504	0.00965124	0.047164	1.46494	1.46494	0.265851	1.2152	1.2152	0.883551	0.975663	-1.02494	0.863769	1.02929	1.02929	0.145283	1.3007	1.3007	0.0928134	0.732803	-1.36462	0.000767596	2.35486	2.35486	0.00372317	1.93217	1.93217	0.176408	1.27328	1.27328	5.97802	2.67551	0.397829	1
cg17987384	FLJ40504	0.0123978	0.0105468	2.34286	2.34286	0.107339	1.59213	1.59213	0.279763	0.742802	-1.34625	0.0494091	1.81009	1.81009	0.62712	0.878501	-1.1383	0.773725	1.07926	1.07926	0.0019094	3.20057	3.20057	0.00732706	2.49626	2.49626	0.0557676	1.77443	1.77443	5.51475	6.11552	0.985723	1
cg22167400	FLJ40504	0.0184888	0.0133842	3.47469	3.47469	0.0243837	2.97633	2.97633	0.0812434	2.19432	2.19432	0.0373124	2.6716	2.6716	0.00331566	5.08383	5.08383	0.0169018	3.27013	3.27013	0.0300509	2.82217	2.82217	0.0165934	3.28575	3.28575	0.0497301	2.48462	2.48462	4.83134	12.6495	2.3273	1
cg23144994	FLJ40852	0.00160689	0.165243	1.78251	1.78251	0.0478018	0.413243	-2.41988	0.497971	0.764394	-1.30823	0.0629309	0.441751	-2.26372	0.00062945	0.128459	-7.78456	0.00752743	0.261049	-3.8307	0.000257567	0.0954463	-10.4771	0.00171412	0.174122	-5.7431	0.0487001	0.415112	-2.40899	10.2737	24.8135	2.14689	1
cg24214918	FLJ41350	6.71E-05	0.000103017	0.347496	-2.87773	0.000414809	0.422475	-2.36701	6.39E-05	0.322708	-3.09877	0.00174858	0.503464	-1.98624	0.000111381	0.351593	-2.8442	0.000523723	0.435373	-2.29688	1.58E-05	0.253757	-3.94078	0.000567155	0.439801	-2.27376	0.00122405	0.483081	-2.07004	24.6253	9.22761	0.333085	1
cg18180846	FLJ41350	0.000373163	0.0411735	0.536491	-1.86397	0.090893	0.6112	-1.63612	0.00772438	0.404705	-2.47093	0.00124043	0.287173	-3.48222	0.000378696	0.22285	-4.48732	4.97E-05	0.133603	-7.48487	0.000271079	0.206346	-4.84622	0.0110543	0.430662	-2.32201	0.000578589	0.244795	-4.08504	15.4938	17.1469	0.983729	1
cg00783006	FLJ41350	0.00718006	0.0636777	1.90529	1.90529	0.0589996	0.517209	-1.93345	0.107109	0.580497	-1.72266	0.0676227	0.530961	-1.88338	0.00614729	0.331115	-3.0201	0.00488534	0.315536	-3.16921	0.00165065	0.248394	-4.02587	0.99012	0.996179	-1.00384	0.0658213	0.528208	-1.89319	6.5629	9.93768	1.34597	1
cg02971322	FLJ41350	0.025559	0.0101405	6.44252	6.44252	0.0137718	5.74957	5.74957	0.415103	1.61367	1.61367	0.142407	0.404217	-2.47392	0.118074	0.377258	-2.6507	0.835783	1.12663	1.12663	0.0984937	0.353163	-2.83155	0.0753206	3.11887	3.11887	0.251129	1.99127	1.99127	4.32381	22.5964	4.64537	1
cg18153816	FLJ41350	0.0476474	0.0180745	4.67942	4.67942	0.0120584	5.37857	5.37857	0.306713	1.76596	1.76596	0.999389	1.00041	1.00041	0.117973	2.49005	2.49005	0.121415	0.405574	-2.46564	0.496604	0.690074	-1.44912	0.0822055	2.81451	2.81451	0.127166	2.42675	2.42675	3.45057	15.7838	4.066	1
cg05569909	FLJ41350;LBX1	0.000228322	0.0249316	0.814158	-1.22826	0.799783	0.98061	-1.01977	0.00151648	0.703341	-1.42178	0.000727177	0.67309	-1.48569	2.38E-05	0.522232	-1.91486	0.0133447	0.789657	-1.26637	7.28E-05	0.573427	-1.7439	0.820136	1.0177	1.0177	0.689224	1.03146	1.03146	17.7222	1.66607	0.0835646	1
cg24879273	FLJ41350;LBX1	0.00170268	0.415374	0.847907	-1.17937	0.0414312	1.59373	1.59373	0.028914	1.66608	1.66608	0.000435066	3.01053	3.01053	0.353547	0.827646	-1.20825	0.211509	1.29804	1.29804	0.771673	1.05936	1.05936	0.000114958	3.82154	3.82154	0.722886	0.931871	-1.07311	10.1032	6.28439	0.552908	1
cg03758181	FLJ41350;LBX1	0.0298518	0.466653	0.891663	-1.1215	0.26998	0.837102	-1.1946	0.724914	1.05621	1.05621	0.0015656	0.494916	-2.02054	0.065387	1.37737	1.37737	0.442718	1.1288	1.1288	0.647011	1.07398	1.07398	0.4248	1.13448	1.13448	0.125384	1.29273	1.29273	4.09403	1.55373	0.337343	1
cg23645302	FLJ41562	1.30E-05	2.43E-06	0.139173	-7.18532	0.166854	0.775671	-1.28921	1.52E-05	0.213503	-4.68378	1.04E-05	0.196782	-5.08176	0.00357908	0.50658	-1.97402	0.00210679	0.474575	-2.10715	0.000199619	0.340789	-2.93436	0.583327	1.10019	1.10019	2.07E-05	0.227375	-4.39801	37.9212	17.8424	0.418233	1
cg25863892	FLJ41562;FLJ41562	0.00659475	0.000786672	0.100575	-9.94284	0.204295	0.545399	-1.83352	0.00302977	0.159025	-6.28831	0.113786	0.459031	-2.1785	0.0432207	0.349092	-2.86457	0.00614902	0.198374	-5.04098	0.0136959	0.251679	-3.97331	0.219048	0.557127	-1.79492	0.0063061	0.199903	-5.00244	6.73903	21.8586	2.88319	1
cg01772439	FLJ41603	0.0042796	0.00934421	0.596948	-1.67519	0.0123602	1.62816	1.62816	0.0386128	0.687344	-1.45488	0.00263734	0.521344	-1.91812	0.79925	0.960901	-1.04069	0.400786	0.874065	-1.14408	0.105134	1.31933	1.31933	0.289603	0.841956	-1.18771	0.00285748	0.526037	-1.90101	7.6939	2.98466	0.344823	1
cg08554732	FLJ41603	0.0126071	0.632437	0.917798	-1.08956	0.0141917	1.71358	1.71358	0.015495	1.69652	1.69652	0.805033	1.04501	1.04501	0.319804	0.83277	-1.20081	0.967023	1.00739	1.00739	0.00186439	0.455797	-2.19396	0.189118	0.780647	-1.28099	0.282187	0.819608	-1.2201	5.48477	2.75243	0.446073	1
cg18204675	FLJ41603	0.0376342	0.336762	1.78079	1.78079	0.000789738	0.0520605	-19.2084	0.344234	1.76413	1.76413	0.934136	0.952983	-1.04934	0.543518	0.698883	-1.43086	0.30197	0.536296	-1.86464	0.532061	1.44596	1.44596	0.7592	0.835989	-1.19619	0.851426	1.11544	1.11544	3.76643	20.2506	4.7792	1
cg00615537	FLJ41603	0.0431453	0.931286	1.01471	1.01471	0.4006	0.864403	-1.15687	0.268177	0.822563	-1.21571	0.793569	0.956557	-1.04542	0.0179108	0.614291	-1.62789	0.00527668	0.536391	-1.86431	0.224029	0.80547	-1.24151	0.0628015	1.42553	1.42553	0.163584	0.777401	-1.28634	3.58135	1.6269	0.403796	1
cg21515494	FLJ41856	0.000691367	6.73E-05	0.220865	-4.52765	0.0896371	0.678972	-1.47282	0.199269	0.755305	-1.32397	0.129113	0.712256	-1.40399	0.910217	1.02361	1.02361	0.779866	0.943673	-1.05969	0.000126091	0.251253	-3.98005	0.000738224	0.346224	-2.8883	0.0266201	0.580616	-1.72231	13.0563	8.85284	0.602714	1
cg04588257	FLJ41856	0.0275785	0.00670594	0.0723869	-13.8147	0.0169466	0.11363	-8.80049	0.0498633	0.188193	-5.3137	0.200697	0.364498	-2.7435	0.0378679	0.165641	-6.03716	0.0266238	0.140574	-7.1137	0.00555508	0.0658484	-15.1864	0.124769	0.289107	-3.45892	0.229067	0.389637	-2.56649	4.2102	37.1826	7.85027	1
cg12870518	FLJ41941	0.00176376	0.678595	0.90399	-1.10621	0.0197856	0.505771	-1.97718	0.00115349	0.314493	-3.17972	0.187124	0.712709	-1.4031	0.000276287	0.236433	-4.22954	0.0172012	0.495016	-2.02014	0.000570564	0.274617	-3.64143	0.453081	1.20339	1.20339	0.040544	0.56387	-1.77346	10.0006	9.29327	0.826021	1
cg11961401	FLJ41941	0.0122419	0.11419	0.615625	-1.62437	0.00843228	0.386836	-2.58508	0.00214755	0.296147	-3.3767	0.00755087	0.378938	-2.63896	0.272763	0.724508	-1.38025	0.0572946	0.544911	-1.83516	0.00489377	0.348936	-2.86585	0.950646	1.01763	1.01763	0.072137	0.56742	-1.76236	5.53749	6.99037	1.12211	1
cg07674459	FLJ42289	0.00257437	0.0133442	0.32938	-3.036	0.00144088	0.188468	-5.30593	0.00918485	0.301666	-3.31493	0.0152444	0.339725	-2.94356	0.0554966	0.455525	-2.19527	0.0137018	0.331415	-3.01736	0.000134531	0.0910629	-10.9814	0.0786838	0.49286	-2.02898	0.0184054	0.354812	-2.81839	8.9544	18.6155	1.84793	1
cg09783969	FLJ42289;FLJ42289	0.0013105	0.921097	0.970003	-1.03092	0.0136183	0.391314	-2.55549	0.020611	0.42437	-2.35643	0.767008	1.09564	1.09564	5.09E-05	0.0969983	-10.3095	0.0224726	0.431541	-2.31728	0.00784283	0.350339	-2.85437	0.877257	1.04866	1.04866	0.00166638	0.250963	-3.98466	10.8939	16.3041	1.33033	1
cg26139402	FLJ42289;FLJ42289	0.00291721	0.641717	0.934163	-1.07048	0.00137962	0.509554	-1.9625	0.0059222	0.592634	-1.68738	0.00442118	1.73696	1.73696	0.299123	0.855213	-1.1693	0.0722686	0.747109	-1.33849	0.757869	1.04597	1.04597	0.227624	0.831877	-1.2021	0.00183436	0.525578	-1.90267	8.6295	2.88692	0.29737	1
cg12740037	FLJ42289;FLJ42289	0.0150731	0.00137246	0.57717	-1.73259	0.0297476	1.35367	1.35367	0.137296	0.827409	-1.20859	0.0385337	0.752967	-1.32808	0.719569	0.958219	-1.0436	0.432481	0.909529	-1.09947	0.0898229	1.24777	1.24777	0.721991	1.0432	1.0432	0.627049	0.943685	-1.05968	5.17237	1.14795	0.197279	1
cg20275664	FLJ42289;FLJ42289	0.0184433	0.339583	0.825937	-1.21075	0.00204989	0.429965	-2.32577	0.00425912	0.475634	-2.10246	0.335307	1.21293	1.21293	0.140875	0.735116	-1.36033	0.0202265	0.580387	-1.72299	0.738095	1.06737	1.06737	0.25624	0.794335	-1.25892	0.36173	0.833474	-1.1998	4.83535	2.89084	0.531427	1
cg03479535	FLJ42289;FLJ42289	0.0200011	0.0476314	0.312271	-3.20235	0.906089	0.941163	-1.06252	0.971466	0.981789	-1.01855	0.542112	0.728277	-1.3731	0.00389336	0.135721	-7.36807	0.130773	0.432403	-2.31266	0.00850108	5.6167	5.6167	0.199618	0.498437	-2.00627	0.0993658	0.395294	-2.52977	4.70447	19.6704	3.71663	1
cg01803541	FLJ42289;FLJ42289	0.0259158	0.552728	0.939689	-1.06418	0.11772	1.1924	1.1924	0.000952819	1.66531	1.66531	0.723188	1.03752	1.03752	0.903292	1.01267	1.01267	0.137947	0.847509	-1.17993	0.264073	0.886409	-1.12815	0.257197	0.884724	-1.1303	0.768393	0.969877	-1.03106	4.30295	0.731122	0.151033	1
cg12728784	FLJ42289;FLJ42289	0.028564	0.03323	0.359397	-2.78244	0.589993	0.799591	-1.25064	0.708626	1.16689	1.16689	0.89615	1.05516	1.05516	0.00658771	0.23444	-4.26548	0.061526	0.420658	-2.37723	0.0204076	3.15494	3.15494	0.252914	0.612041	-1.63388	0.136097	0.516686	-1.93541	4.15843	11.1326	2.37966	1
cg01361068	FLJ42289;FLJ42289	0.0344315	0.0336604	0.19773	-5.05741	0.972407	0.977657	-1.02285	0.573925	1.44943	1.44943	0.399948	0.569545	-1.75579	0.00923472	0.115474	-8.65993	0.157439	0.372452	-2.68491	0.0181632	6.51374	6.51374	0.413522	0.579181	-1.72658	0.0978135	0.305259	-3.2759	3.8901	26.296	6.00865	1
cg18183073	FLJ42709;FLJ42709	0.00246456	0.000182465	1.82282	1.82282	0.0386538	0.796744	-1.25511	0.533354	0.9419	-1.06168	0.00674556	1.39548	1.39548	0.00697834	1.39248	1.39248	0.47994	1.07051	1.07051	0.74049	0.968957	-1.03204	0.345758	1.0965	1.0965	0.0164934	1.32043	1.32043	9.07006	1.29307	0.126724	1
cg11080549	FLJ42709;FLJ42709	0.00305167	0.28332	0.778999	-1.2837	0.413534	1.20597	1.20597	0.53828	1.14982	1.14982	0.026747	1.80041	1.80041	0.000283392	0.264792	-3.77655	0.537182	1.15026	1.15026	0.00866964	2.11615	2.11615	0.0390142	1.70792	1.70792	0.100117	0.667886	-1.49726	8.51485	6.76918	0.706654	1
cg22217860	FLJ42709;FLJ42709	0.00937793	0.0214803	2.93063	2.93063	0.0190893	3.01691	3.01691	0.337366	1.46962	1.46962	0.504637	1.30153	1.30153	0.0167243	3.11713	3.11713	0.04282	2.47803	2.47803	0.000361297	9.26581	9.26581	0.0256004	2.80747	2.80747	0.0603466	2.28078	2.28078	6.03299	14.477	2.13302	1
cg18766383	FLJ42709;FLJ42709	0.00962409	0.00769655	0.314255	-3.18213	0.0015139	0.213436	-4.68526	0.0122081	0.348014	-2.87345	0.0285125	0.417427	-2.39563	0.125931	0.571362	-1.75021	0.0280178	0.415886	-2.40451	0.0205946	0.389574	-2.56691	0.155233	0.598025	-1.67217	0.00412648	0.272464	-3.67021	5.98339	10.8278	1.60857	1
cg02020829	FLJ42709;FLJ42709	0.0129958	0.0281822	4.46221	4.46221	0.0277575	4.48673	4.48673	0.150367	2.43422	2.43422	0.235485	2.04923	2.04923	0.00953166	6.65115	6.65115	0.0378151	4.01438	4.01438	0.000827467	18.2759	18.2759	0.0188649	5.16208	5.16208	0.0384205	3.99157	3.99157	5.43072	28.6412	4.68793	1
cg14693804	FLJ42709;FLJ42709	0.0183415	0.0161184	0.290704	-3.43993	0.0138736	0.279233	-3.58123	0.0398107	0.368897	-2.71079	0.337698	0.660521	-1.51396	0.00671265	0.228742	-4.37175	0.486442	0.743245	-1.34545	0.00484732	0.20855	-4.79502	0.0113242	0.264298	-3.7836	0.144706	0.518237	-1.92962	4.84438	13.5089	2.47873	1
cg17951138	FLJ42709;FLJ42709	0.0239001	0.0705418	4.88265	4.88265	0.154263	3.30857	3.30857	0.844437	1.16665	1.16665	0.219331	2.75512	2.75512	0.244055	2.60186	2.60186	0.054306	5.54748	5.54748	0.00171624	33.4887	33.4887	0.0069892	15.442	15.442	0.0227557	8.48879	8.48879	4.42578	43.1481	8.66601	1
cg09795919	FLJ42709;FLJ42709	0.0281002	0.0792978	1.81257	1.81257	0.526108	0.821909	-1.21668	0.546175	1.20499	1.20499	0.423798	0.779259	-1.28327	0.00558623	0.329199	-3.03768	0.75142	1.10189	1.10189	0.0365925	0.476351	-2.09929	0.0464777	2.00619	2.00619	0.166401	1.56912	1.56912	4.18251	6.17467	1.31227	1
cg22559034	FLJ42709;FLJ42709	0.02868	0.00553947	0.189737	-5.27046	0.952104	1.02777	1.02777	0.569099	1.30007	1.30007	0.414677	0.68371	-1.46261	0.00177638	0.131453	-7.60727	0.668963	0.821898	-1.2167	0.730675	1.17067	1.17067	0.950436	1.02875	1.02875	0.129999	0.474347	-2.10816	4.15249	13.6757	2.92744	1
cg04854328	FLJ42709;FLJ42709	0.0486307	0.105697	0.41959	-2.38328	0.0616114	0.355378	-2.81391	0.0884776	2.5182	2.5182	0.234306	0.541907	-1.84534	0.106224	0.42024	-2.37959	0.712631	0.833773	-1.19937	0.00444801	0.154928	-6.45461	0.232092	0.540181	-1.85123	0.187306	0.503202	-1.98728	3.42402	13.0952	3.39956	1
cg20550790	FLJ42709;FLJ42709;FLJ42709	0.0278116	0.0509228	3.76794	3.76794	0.0904235	3.04341	3.04341	0.17337	2.37305	2.37305	0.234696	2.10235	2.10235	0.0249427	4.91236	4.91236	0.528776	1.46327	1.46327	0.00304546	11.2631	11.2631	0.00821875	7.51498	7.51498	0.0252549	4.88955	4.88955	4.19775	23.6585	5.00978	1
cg04255278	FLJ42709;FLJ42709;NR2F1	0.0172168	0.627544	1.10559	1.10559	0.951582	0.987611	-1.01254	0.0154315	1.84073	1.84073	0.00626285	2.07775	2.07775	0.00937145	0.508454	-1.96675	0.175075	0.743727	-1.34458	0.366191	0.826469	-1.20997	0.167688	1.35242	1.35242	0.638846	0.907516	-1.10191	4.94845	3.30318	0.593348	1
cg10511255	FLJ42875	0.000645342	0.00276607	0.507737	-1.96952	0.652983	1.07715	1.07715	0.0892162	0.735102	-1.36036	0.0155597	0.614368	-1.62769	5.54E-05	0.291828	-3.42668	0.0163856	1.6189	1.6189	0.00301914	0.512956	-1.94949	0.0772095	1.38073	1.38073	0.490994	0.891481	-1.12173	13.3104	5.68398	0.379586	1
cg03969902	FLJ42875	0.0185459	0.0247192	3.11255	3.11255	0.300274	1.57743	1.57743	0.0313406	2.92239	2.92239	0.808248	1.10876	1.10876	0.0373352	2.79021	2.79021	0.260103	1.64675	1.64675	0.000715946	8.91005	8.91005	0.0250694	3.10091	3.10091	0.390344	1.45318	1.45318	4.82632	13.7825	2.5384	1
cg09074856	FLJ42875	0.0232881	0.0252842	3.87386	3.87386	0.00366042	7.39613	7.39613	0.00690502	5.93202	5.93202	0.932053	1.04438	1.04438	0.0283296	3.73593	3.73593	0.257452	1.82527	1.82527	0.0390389	3.37454	3.37454	0.032084	3.59103	3.59103	0.266571	1.80286	1.80286	4.46564	18.3351	3.64961	1
cg05346286	FLJ42875	0.023715	0.0247456	4.74084	4.74084	0.00352917	10.0003	10.0003	0.033692	4.23733	4.23733	0.130595	2.58672	2.58672	0.0245141	4.75715	4.75715	0.0449867	3.81635	3.81635	0.0261972	4.64323	4.64323	0.0144892	5.77544	5.77544	0.610854	1.34816	1.34816	4.43771	23.8176	4.77075	1
cg01514538	FLJ42875	0.0251619	0.0260844	3.68788	3.68788	0.153622	2.12792	2.12792	0.0501726	3.01534	3.01534	0.98122	0.988433	-1.0117	0.0499233	3.01995	3.01995	0.17315	2.04719	2.04719	0.00108232	10.8573	10.8573	0.0450533	3.1166	3.1166	0.776556	1.15102	1.15102	4.34746	16.8226	3.43957	1
cg12050271	FLJ42875	0.029556	0.0257954	6.1811	6.1811	0.0109808	8.98714	8.98714	0.0109478	8.99924	8.99924	0.729923	1.26929	1.26929	0.0482823	4.72479	4.72479	0.135226	3.02813	3.02813	0.00918958	9.73566	9.73566	0.0310133	5.71013	5.71013	0.470989	1.65628	1.65628	4.10851	30.8069	6.66517	1
cg07523753	FLJ42875	0.0364103	0.0186804	7.27862	7.27862	0.0059938	12.1946	12.1946	0.0497689	4.75103	4.75103	0.0822133	3.82188	3.82188	0.544388	1.53301	1.53301	0.124012	3.1896	3.1896	0.177513	2.71261	2.71261	0.0223452	6.72727	6.72727	0.015316	7.94798	7.94798	3.8121	29.275	6.82623	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T vs. N)	p-value(563T 63T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg04484550	FLJ42875	0.04423358	0.01183852	7.01324	0.71324	1.05614384	1.82151	1.82151	0.02265022	5.18527	5.18527	5.18527	0.94044	0.954968	-1.04716	0.03772256	4.45369	4.45369	0.09424469	3.12749	0.12716	0.0111653	7.17932	7.17932	0.0315345	3.31495	0.70132	1.26979	3.60665	21.943	5.40804	1
cg03256938	FLJ42875,FLJ42875	0.01137117	0.05748514	1.96901	1.96901	0.0963816	0.5623O1	-1.77841	0.06645955	1.91377	1.91377	1.91377	0.1270B3	1.68265	1.68265	0.016387	2.52237	2.52237	0.240157	1.4738	1.4738	0.0167988	2.50982	2.50982	0.0311977	0.370502	-2.63503	0.45767	0.7878	-1.26936	5.33622	8.40516	1.4001	1
cg12140144	FLJ42875;PRDM16;FLJ42875;PRDM16	0.02340134	0.156228	2.99875	2.99875	0.213705	0.387532	-2.58044	0.188384	2.74312	2.74312	0.367279	0.511425	-1.95532	0.145173	3.10397	3.10397	3.10397	0.4814d9	0.595682	-1.67875	0.00669542	12.7635	12.7635	0.0111486	0.09992	-10.008	0.2187d6	0.39198	-2.55115	4.45803	37.0117	7.37979	1
cg00945293	FLJ42875;PRDM16;FLJ42875	0.00376642	0.6690B	1.19105	1.19105	0.768053	1.12725	1.12725	0.834359	1.08886	1.08886	0.411293	0.5586	1.07453	-1.04948	0.121367	0.505214	-1.97936	0.00409302	9.79502	5.79502	0.196616	1.74199	1.74199	0.0224823	3.29231	-3.03831	0.00204228	5.85458	5.85458	7.99597	20.93	2.32672	1
cg08528984	FLJ42875,FLJ42875	0.02831117	0.6693O3	0.957461	-1.04443	0.367501	0.910593	-1.09819	0.0942316	0.830155	-1.20459	0.508931	1.07014	1.07014	0.85332	0.981494	-1.0189		0.00149002	-1.08559	1.58959	0.063838	0.813439	-1.23925	0.226915	1.13696	1.13696	0.650859	1.04717	1.04717	0.4178	0.676301	0.144111	1
cg17173498	FLJ42875,FLJ42875	0.04663B1	0.0246173	2.23062	2.23062	0.0276169	0.458091	-1.58297	0.243974	0.693928	-1.44107	0.0289059	0.16439	0.16439	0.897921	1.03922	1.03922		0.0768066	1.80708	1.80708	0.376629	0.761892	-1.31252	0.90949	0.966487	-1.03468	0.767168	1.09308	1.09308	4.4785	4.94978	1.26486	1
cg19356825	FLJ42875;PRDM16;FLJ42875;PRDM16	0.04951333	0.0109462	0.404888	-2.46982	0.323302	1.33489	1.33489	0.8906B	1.03971	1.03971	0.0113986	0.407913	-2.4515	0.167027	0.658953	-1.51756		0.3796	0.774668	-1.29088	0.953247	0.983536	-1.01674	0.243404	1.41284	1.41284	0.229448	1.42912	1.42912	3.40075	4.31789	1.12861	1
cg01459854	FLJ43390	0.0238423	0.044703	2.241891	-1.1341	0.102131	0.336013	-2.97572	0.1903B	1.93211	1.93211	0.244693	0.407446	-2.1077	0.0217B3	0.183455	-5.45994		0.111624	0.344005	-2.90693	0.0015797	0.0631487	-16.3536	0.172325	0.408775	-2.44633	0.0404497	0.232814	4.29527	4.42949	26.0065	5.31927	1
cg01101865	FLJ43390	0.0245112	0.667818	1.09556	1.09556	0.00211567	0.401133	-2.49294	0.360051	1.22008	1.22008	0.329837	1.23686	1.23686	0.0521096	1.60303	1.60303		0.0766021	0.659442	1.51643	0.249505	0.77537	-1.28971	0.0947635	0.67B3	-1.47427	0.808947	1.05254	1.05254	4.38723	3.10496	0.629091	1
cg11442248	FLJ43390	0.0259667	0.7B0264	1.07012	1.07012	0.0237902	1.92274	1.92274	7	7	7	0.0366292	0.555205	-1.80114	0.00606408	0.419629	-2.38305		0.0603062	0.598477	-1.67091	0.612441	0.883569	-1.13179	0.502356	0.847894	-1.17939	0.605304	1.13465	1.13465	4.37648	3.61582	0.826571	1
cg18655184	FLJ43390	0.0268943	0.0789434	2.37004	-2.67324	0.194555	1.18993	1.18993	0.154836	2.26259	2.26259	0.179962	0.4695B4	2.12414	-1.14609	0.0127255	0.100062	-2.54144	0.642354	0.778178	-1.28505	0.0172213	0.0930535	-10.7467	0.0834851	0.242736	4.11843	0.0407571	0.154103	1.84485	4.24736	15.3444	4.04889	1
cg15897970	FLJ43390	0.0328341	0.0238B1	0.659664	-1.51592	0.68504	0.923378	-1.08298	0.0457142	1.42399	1.42399	0.0882599	0.59783	-1.67272	0.0398835	0.693128	-1.44273		0.336977	0.858345	-1.16605	0.0523001	0.731366	-1.40575	0.379453	1.04827	1.04827	0.548662	0.910563	-1.09822	3.95721	1.49222	0.335189	1
cg10227327	FLJ43390	0.0483843	0.493321	0.910027	-1.09878	0.214593	0.829288	-1.19149	0.334921	0.972334	-1.02845	0.663572	0.942997	-1.06042	0.426622	1.11499	1.11499		0.219872	0.839741	-1.1908	0.00686105	0.511332	-1.95568	0.681727	0.940204	-1.06585	0.85806	1.0243	1.0243	4.46061	0.977706	0.253162	1
cg15928106	FLJ43663,FLJ43663	7.22E-06	7.40E-07	0.029582	-33.8045	0.000477193	0.235791	-4.24104	8.08E-05	0.15348	-6.5155	1.96E-05	0.102248	-9.78017	5.99E-06	0.059408	16.8327		0.808279	0.937957	-1.06615	0.00209883	0.319791	-3.12704	0.30871	0.705271	-1.4179	4.56E-05	0.131265	7.61887	44.3472	48.539	0.977318	1
cg20228731	FLJ43663,FLJ43663	0.00020281	1.79E-05	0.0288069	-34.7139	0.00239429	0.180371	-5.54411	0.00121911	0.147218	-6.79266	0.00025068	0.112213	-8.91665	0.00013855	0.0690261	14.4873		0.343182	0.676413	-1.47839	0.00715135	0.24515	-4.07914	0.475645	0.745568	-1.34126	0.00310279	0.139579	-7.16439	38.3018	47.4901	2.30652	1
cg04761417	FLJ43663,FLJ43663	0.00554925	0.393593	0.837171	-1.1945	0.144947	0.713486	1.37489	0.0498432	1.57611	1.57611	0.0036988	1.27205	1.27205	0.0063239	0.943784	2.0608		0.0047927	0.2149	0.155592	1.64463	0.608127	1.31749	0.237436	0.594546	-1.68248	0.138826	0.00437	0.592301	4.47343	0.0547	0.582301	1
cg02695677	FLJ43663,FLJ43663	0.00922019	0.133939	1.88513	1.88513	0.00543865	4.1978	4.1978	0.00251671	5.18417	5.18417	0.0203953	2.99307	2.99307	0.4814B2	1.32397	1.32397		0.015353	3.21247	3.21247	0.215467	1.66759	1.66759	0.00135774	6.19868	6.19868	0.0933252	2.0627	2.0627	6.00563	14.7798	2.1659	1
cg15894103	FLJ43663,FLJ43663	0.0154999	0.0870B4	0.589798	-1.69551	0.127096	0.630027	-1.58572	0.0772103	0.575546	-1.73147	0.655871	1.13251	1.13251	0.0018384	0.290475	3.44263		0.143961	0.644009	-1.55061	0.875452	0.99348	-1.00432	0.910782	2.449	2.449	0.47081	0.814658	-1.22751	5.12476	6.33692	1.00914	1
cg22204453	FLJ43663,FLJ43663	0.0283006	0.132491	1.90533	-1.67075	0.880744	0.915642	-1.04851	0.0634284	1.5947	1.5947	0.00750637	0.796835	0.796835	0.0124695	0.644746	1.46267		0.0233963	2.35463	2.35463	0.022494	0.715258	1.61624	0.11624	0.321529	1.3824	1.3824	4.17205	6.60572	1.4074	1
cg09794081	FLJ43663,FLJ43663	0.0294946	0.322668	0.848786	-1.17815	0.139709	1.29052	1.29052	0.727365	1.05778	1.05778	0.53451	0.903976	-1.10622	0.320825	1.17894	1.17894		0.537182	0.904587	-1.10548	0.000761453	0.44101	-2.26752	0.945633	0.989115	-1.011	0.480646	1.12193	1.12193	4.11154	1.6771	0.362578	1
cg05233863	FLJ43663,FLJ43663	0.0155974	0.0210275	0.533805	-1.87334	0.835438	1.04617	1.04617	0.7090B6	1.05972	1.05972	0.420882	1.20432	1.20432	0.0553104	1.41408	1.41408		0.150645	0.705837	-1.41676	0.252299	0.73513	-1.36076	0.0158184	1.7379	1.7379	0.0414817	0.587614	1.7018	3.48349	3.13139	0.710992	1
cg22544881	FLJ43663,FLJ43663	0.0438703	0.126341	3.13841	3.13841	0.0190236	7.1232	7.1232	0.689371	1.3203	1.3203	0.0738371	3.96694	3.96694	0.104124	3.41705	3.41705		0.110535	3.32877	3.32877	0.015669	7.75734	7.75734	0.0494028	13.1762	13.1762	0.113298	2.59288	3.59288	5.91958	26.9593	6.73294	1
cg17226594	FLJ43663,FLJ43663	0.0442789	0.981283	1.07665	-1.00214	0.116837	1.56837	1.56837	0.0436914	1.37476	1.37476	0.0158051	1.05546	1.05546	0.424685	1.07673	1.07673		0.994663	0.990425	-1.00966	0.0008677	0.739277	-1.35267	0.0748907	1.00286	1.00286	0.186116	1.0879	1.0879	5.54689	6.043666	0.116876	1
cg27106057	FLJ43663;MKLN1;MKLN1	0.0146698	0.041221	0.612952	-1.63145	0.317369	0.806682	-1.23965	0.621421	0.901709	-1.109	0.231152	1.2983	1.2983	0.0261822	0.577944	1.73027		0.693313	0.920921	-1.08587	0.0680393	0.653936	-1.5292	0.0153491	0.538781	-1.85604	0.00497571	2.16573	2.16573	5.21894	3.57073	0.608166	1
cg01593660	FLJ43860	0.00011382	0.00111186	3.01046	-3.22103	0.6848	1.10444	1.10444	0.76213	0.928755	-1.07671	0.0946558	0.983841	-1.01642	0.72215	0.133222	-5.50627		0.705693	0.911763	-1.09678	0.00859547	0.295636	-3.38408	0.0227457	0.11826	-8.45369	0.00286642	0.368308	-2.71512	21.3846	20.0781	0.834579	1
cg22655436	FLJ43860	0.00128688	0.8973717	1.03545	1.03545	0.0768934	2.15824	2.5324	0.0174063	0.465815	-2.14684	0.0054251	0.380792	-2.62614	0.0162E-05	0.0229702	-7.0238		0.0743927	1.2254	1.2254	0.0852E-05	0.193461	-5.16997	0.0065188	0.248747	-4.02015	0.0340258	0.453908	2.30909	0.0843	0.22.888	0.080206	1
cg26654519	FLJ43860	0.00014285	0.0206928	0.756433	-1.32199	0.917113	1.01049	1.01049	0.00672218	0.703165	-1.42234	3.36E-05	0.44684	-2.23794	0.6588B2	0.956461	-1.04552		0.436776	0.923588	-1.08273	5.35E-06	0.356013	-2.80889	0.0143968	0.739152	-1.3529	0.4973l5	0.933284	-1.07549	20.1197	3.19925	0.141343	1
cg10133170	FLJ43860	0.00253429	0.0212824	0.53188	-1.87993	0.188703	1.56123	1.56123	0.0070548	0.627558	-1.59358	0.0001E-05	0.144561	1.24E-05	0.0105B-05	0.0210584	4.29012		0.557808	0.872542	-1.14626	0.0015E-05	0.241887	-4.13481	0.0178362	0.371259	-2.69353	0.00089661	0.131806	0.27259	14.4551	0.784883	1.47445	1
cg22604453	FLJ43860	0.0238306	0.132491	1.90533	-1.67075	0.880744	0.915642	-1.04851	0.0634284	1.5947	1.5947	0.00750637	0.796835	0.796835	0.0124695	0.644746	1.46267		0.0233963	2.35463	2.35463	0.022494	0.715258	1.61624	0.11624	0.321529	1.3824	1.3824	4.17205	6.60572	1.4074	1
cg09794081	FLJ43663,FLJ43663	0.0294946	0.322668	0.848786	-1.17815	0.139709	1.29052	1.29052	0.727365	1.05778	1.05778	0.53451	0.903976	-1.10622	0.320825	1.17894	1.17894		0.537182	0.904587	-1.10548	0.000761453	0.44101	-2.26752	0.945633	0.989115	-1.011	0.480646	1.12193	1.12193	4.11154	1.6771	0.362578	1
cg05233863	FLJ43663,FLJ43663	0.0155974	0.0210275	0.533805	-1.87334	0.835438	1.04617	1.04617	0.7090B6	1.05972	1.05972	0.420882	1.20432	1.20432	0.0553104	1.41408	1.41408		0.150645	0.705837	-1.41676	0.252299	0.73513	-1.36076	0.0158184	1.7379	1.7379	0.0414817	0.587614	1.7018	3.48349	3.13139	0.710992	1
cg22544881	FLJ43663,FLJ43663	0.0438703	0.126341	3.13841	3.13841	0.0190236	7.1232	7.1232	0.689371	1.3203	1.3203	0.0738371	3.96694	3.96694	0.104124	3.41705	3.41705		0.110535	3.32877	3.32877	0.015669	7.75734	7.75734	0.0494028	13.1762	13.1762	0.113298	2.59288	3.59288	5.91958	26.9593	6.73294	1
cg17226594	FLJ43663,FLJ43663	0.0442789	0.981283	1.07665	-1.00214	0.116837	1.56837	1.56837	0.0436914	1.37476	1.37476	0.0158051	1.05546	1.05546	0.424685	1.07673	1.07673		0.994663	0.990425	-1.00966	0.0008677	0.739277	-1.35267	0.0748907	1.00286	1.00286	0.186116	1.0879	1.0879	5.54689	6.043666	0.116876	1
cg27635777	FLJ43860	0.0148189	0.105393	0.452211	-2.21626	0.0027733	0.156304	-6.39778	0.00639473	0.202697	-4.93347	0.350142	0.648814	-1.54127	0.158823	0.507898	1.9689		0.693313	0.920921	-1.08587	0.0680393	0.653936	-1.5292	0.0153491	0.538781	-1.85604	0.00497571	2.16573	2.16573	5.21894	3.57073	0.608166	1
cg15723250	FLJ43860	0.0232834	0.256871	0.705225	-1.41809	0.0929777	0.527777	-1.8955	0.00154859	0.189383	-5.28183	0.0014E-05	0.105181	1.05E-05	0.0001E-05	0.0080975	12.3573		0.115947	0.859955	-1.16283	0.0002742	0.127503	-7.84195	0.0022842	0.0048	0.0048	0.0006	0.0376106	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	1
cg27107957	FLJ43860	0.0240455	0.0202614	0.201322	-4.96716	0.0059985	0.127602	-7.83685	0.0389934	0.254548	-3.92854	0.265187	0.514316	-1.94433	0.112393	0.371686	2.69044		0.0767067	0.323887	-3.08749	0.0034292	0.102642	-9.74264	0.0922502	0.340057	-2.8897	0.0280448	0.226301	0.41489	-4.1455	2.93953	4.61608	1
cg05627947	FLJ43860	0.0252721	0.252769	1.43043	1.43043	0.714388	0.895702	-1.11644	0.044753	0.503166	-1.99455	0.436357	1.26866	1.26866	0.00122458	0.242349	-4.12629		0.546059	0.8327	-1.20091	0.0620861	0.532868	-1.87664	0.0589441	0.527737	-1.89488	0.4763d5	0.804923	-1.24236	4.34085	6.173991	1.26427	1
cg02122540	FLJ43860	0.0382362	0.3076B2	1.38096	-1.38096	0.0925205	0.7B7353	-1.41775	0.0053552	0.225696	-4.43074	0.11477	0.571263	-1.75051	0.19B09	0.64142	1.55904		0.057268	1.6255	1.6255	0.0008E-05	0.615707	-1.62407	0.0001E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00230113	FLJ43860	0.0304873	0.0304873	0.76842	-1.30107	0.302017	0.705343	-1.41775	0.0015352	0.225696	-4.43074	0.11477	0.571263	-1.75051	0.19B09	0.64142	1.55904		0.0618725	0.53284	-1.87674	0.923206	0.969014	-1.03198	0.0385052	0.307992	-3.24683	0.0128442	0.0001E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg13752558	FLJ43950	0.0240998	0.0409986	0.681882	-1.46645	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05		0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	1
cg15826006	FLJ43950	0.00201908	0.116232	0.703586	-1.42129	0.042205	0.617554	-1.61929	4.52E-05	0.204059	-4.90056	0.0127B9	0.528918	-1.89065	0.037597	0.608482	-1.64343		0.0578008	0.872542	-1.14626	0.0015E-05	0.241887	-4.13481	0.0178362	0.371259	-2.69353	0.00089661	0.131806	0.27259	14.4551	0.784883	1.47445	1
cg01080293	FLJ44606;FLJ44606	0.00016813	0.0290936	0.644044	-1.55258	0.0108E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05		0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	1
cg27367512	FLJ44606;FLJ44606	0.00030754	0.289847	1.13798	1.13798	1.41E-05	0.344744	-2.90071	0.0010365	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05		0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	1
cg14340928	FLJ44606;FLJ44606	0.00033611S	0.00710006	0.274694	-3.64041	7.86E-05	14.1964	14.1964	0.0889008	0.498042	-2.00786	0.0985545	1.96006	1.96006	0.00890377	0.29042	-3.44329		0.0103462	3.31984	3.31984	0.000292117	0.159368	-6.27479	0.205965	1.64153	1.64153	0.0744358	0.477896	-2.09251	15.9455	34.8529	1.94289	1
cg00304902	FLJ44606;FLJ44606	0.00036473	0.0074703	0.4E+05	-2.49E+05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05		0.0176689	4.33264	-4.33264	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	1
cg00096511	FLJ44606;FLJ44606	0.00096511	0.0048184	0.332367	-3.00872	0.000591647	13.305	13.305	0.0430277	0.32117	-3.11361	0.0568993	2.86089	2.86089	0.0808677	0.388958	2.57097		0.0182101	0.4488	0.4488	0.000516727	0.0711756	-14.0497	0.0962614	0.24739	-4.04239	0.1546	0.456146	-2.19228	11.8855	44.7941	3.35003	1
cg22985511	FLJ44606;FLJ44606	0.00102392	0.0194854	0.297151	-4.57062	0.000709563	21.5091	21.5091	0.0418743	0.282813	-3.53591	0.0800534	3.9518	3.9518	0.0721879	0.339369	2.94664		0.0112921	5.52241	5.52241	0.0050517	0.113052	-8.84551	0.102352	2.61881	2.61881	0.0153	0.065162	-2.46876	11.6879	53.6858	4.08293	1
cg17848407	FLJ44606;FLJ44606	0.00299862	0.0738548	0.188001	-5.3204	0.000709839	11.0598	11.0598	0.0130514	0.204897	-4.65337	0.1304012	2.32152	2.32152	0.0436508	0.430152	2.32511		0.0137413	4.23529	4.23529	0.0036401	0.154152	-6.42805	0.0614205	1.476	1.476	0.1038459	0.436287	-2.29255	8.55932	41.4547	3.10666	1
cg05001932	FLJ44606;FLJ44606	0.00388468	0.0399122	0.355565	-2.81242	0.00265886	0.10718	0.10718	0.0370452	0.348462	-2.86975	0.286124	1.61979	1.61979	0.0159153	0.264421	-3.78185		0.127874	2.07613	2.07613	0.0078425	0.166107	-6.02022	0.634013	0.811541	-1.23222	0.0671601	0.409316	-2.4431	7.92198	23.7835	2.66864	1
cg27323430	FLJ44606;FLJ44606	0.00393227	0.79221	1.0005	1.0005	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05		0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	1
cg15405432	FLJ44606;FLJ44606	0.00492566	0.0490594	0.264713	-3.77768	0.00590762	8.41813	8.41813	0.0800084	0.316944	-3.15513	0.244442	2.20814	2.20814	0.0321301	0.226555	4.41394		0.099551	2.9091	2.9091	0.00126312	0.0618011	-16.1809	0.982431	1.01311	1.01311	0.1079B6	0.354355	-2.82203	7.37222	40.8568	4.92622	1
cg20113900	FLJ44606;FLJ44606	0.0124771	0.102274	0.534992	-1.8947	0.0193486	2.77097	2.77097	0.0424162	0.361073	-2.77037	0.0345172	1.44953	1.44953	0.0885877	0.580514	-1.96791		0.0297654	2.21178	2.21178	0.0032B7E-05	0.452106	-2.21178	0.0023188	0.431504	-2.31719	0.0002B7E-05	0.0001E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg18710055	FLJ44606;FLJ44606	0.0160732	0.207501	0.390713	-2.55942	0.0296407	0.12127	6.1122	0.52968	0.635712	-1.5686	0.188077	2.68108	2.68108	0.0295851	0.263471	3.79828		0.20152	7.5952	7.5952	0.0026B06	0.0532368	18.784	0.0532	0.24859	-4.02289	0.179367	0.364793	0.74128	5.0633	10.0901	7.03802	1
cg01208126	FLJ44606;FLJ44606	0.0168162	0.869617	0.947498	-1.05541	0.0190997	2.53752	2.53752	0.0750528	0.19707	1.91707	0.311253	1.41047	1.41047	0.00107491	0.204811	-4.88255		0.915771	1.03534	1.03534	0.767367	1.10229	1.10229	0.368239	0.7383	-1.35446	0.455379	0.779111	-1.28351	4.98757	8.51327	1.51724	1
cg26972756	FLJ44606;FLJ44606	0.00222676	0.0048304	0.3E+05	-3.2E+05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05		0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	0.0001E-05	1
cg11850276	FLJ44606;FLJ44606	0.028345	0.818719	1.11261	1.11262	0.0104145	0.479333	4.47933	0.144756	2.07114	2.07114	0.603034	0.1202B3	1.2762	1.2762	0.0523048	0.154851	6.45782		0.307762	1.63357	1.63357	0.280241	1.68501	1.68501	0.71791	0.895039	-1.11727	0.509779	0.732836	1.36456	4.16974	14.2705	3.04214	1
cg27097438	FLJ44606;FLJ44606;FLJ44606;FLJ44606	0.00074317	0.0426339	0.290701	-3.43996	0.00016497	29.9371	29.9371	0.110886	0.398753	-2.50782	0.0128763	5.12775	5.12775	0.13696	0.428277	-2.33494		0.0113225	5.35842	5.35842	0.00309188	0.117299	-8.5252	0.0837458	2.75399	2.75399	0.0383402	0.280726	-3.56219	12.7917	56.7634	3.94446	1
cg12321798	FLJ44615	0.0432748	0.575346	0.90501	-1.10494	0.00955137	1.78363	1.78363	0.724828	0.93959	-1.06429	0.264751	0.790627	-1.26482	0.0121364	0.576253	-1.73535		0.241989	1.24099	1.24099	0.144242	0.758391	-1.31858	0.958241	0.990811	-1.00927	0.289645	0.823842	-1.21382

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07378760	FLNB;FLNB;FLNB;FLNB	3.21E-05	0.000941827	0.495022	-2.02011	0.757938	1.04505	1.04505	0.215724	0.830506	-1.20408	0.0127357	0.643266	-1.55457	0.000129986	0.387748	-2.579
cg06029308	FLNB;FLNB;FLNB;FLNB	5.69E-05	0.0443493	0.662325	-1.50983	0.137332	1.33039	1.33039	0.000904956	2.42446	2.42446	0.386002	1.17179	1.17179	3.98E-05	4.0589	4.0589
cg06313433	FLNB;FLNB;FLNB;FLNB	9.75E-05	0.000114569	0.216427	-4.62049	0.241413	0.75783	-1.31956	0.0139564	0.503269	-1.98701	0.0285014	0.557381	-1.79411	3.68E-06	0.0863583	-11.5797
cg15733367	FLNB;FLNB;FLNB;FLNB	0.000108863	0.685402	1.12068	1.12068	0.373388	0.774427	-1.29128	0.00172822	3.49214	3.49214	0.0110833	2.43772	2.43772	3.96E-05	9.01328	9.01328
cg03781594	FLNB;FLNB;FLNB;FLNB	0.000177788	0.174853	1.51045	1.51045	6.27E-06	0.0558935	-17.8912	0.813969	1.06969	1.06969	0.428453	0.793715	-1.2599	?	?	?
cg11361691	FLNB;FLNB;FLNB;FLNB	0.00157845	0.827693	1.02494	1.02494	0.000587456	1.82244	1.82244	0.0174678	1.38669	1.38669	0.456271	0.917836	-1.08952	0.0056779	0.663664	-1.50679
cg13711186	FLNB;FLNB;FLNB;FLNB	0.00369366	0.0350305	0.687604	-1.45432	0.00180977	1.96686	1.96686	0.0329132	1.46296	1.46296	0.00467493	0.563572	-1.7744	0.478209	1.11622	1.11622
cg19464231	FLNB;FLNB;FLNB;FLNB	0.00479953	0.994932	1.00112	1.00112	0.500499	0.886318	-1.12826	0.0229407	1.61634	1.61634	0.686522	0.930904	-1.07422	0.492119	0.884154	-1.13102
cg06793267	FLNB;FLNB;FLNB;FLNB	0.00497833	0.00926135	0.451213	-2.21625	0.00159949	2.97757	2.97757	0.28484	1.30698	1.30698	0.100604	0.64829	-1.54252	0.174933	0.706329	-1.41577
cg21869590	FLNB;FLNB;FLNB;FLNB	0.00670925	0.431541	0.919525	-1.08752	0.304007	1.11796	1.11796	0.667684	1.04607	1.04607	0.00543823	1.48952	1.48952	0.0104302	0.70562	-1.41719
cg02026180	FLNB;FLNB;FLNB;FLNB	0.0157933	0.0349626	0.470389	-2.1259	0.0251818	0.441709	-2.26393	0.00447535	0.312428	-3.20074	0.0425477	0.488347	-2.04772	0.00358102	0.297944	-3.35634
cg03479209	FLNB;FLNB;FLNB;FLNB	0.0222478	0.745314	0.877928	-1.13904	0.000500298	8.79873	8.79873	0.129161	1.92506	1.92506	0.534375	0.777745	-1.28577	0.295413	0.648291	-1.54252
cg06003083	FLNB;FLNB;FLNB;FLNB	0.025425	0.00724342	0.567625	-1.76173	0.402313	0.869279	-1.15038	0.00720531	0.567299	-1.76274	0.898772	0.979413	-1.02102	0.889573	0.97755	-1.02297
cg13142374	FLNB;FLNB;FLNB;FLNB	0.03853	0.968561	1.0113	1.0113	0.00600949	2.78293	2.78293	0.0537522	1.86717	1.86717	0.0611741	1.82487	1.82487	0.53872	1.19418	1.19418
cg13577407	FLNB;FLNB;FLNB;FLNB	0.0436184	0.244545	1.20355	1.20355	0.0206333	0.65426	-1.52845	0.0795661	0.74368	-1.34466	0.139191	1.27408	1.27408	0.477694	0.895956	-1.11613
cg06761584	FLNC;FLNC	0.000834823	0.000144285	0.326441	-3.06334	0.855601	1.03164	1.03164	0.0249058	0.633559	-1.57839	0.00101842	0.434725	-2.3003	0.0287641	0.643403	-1.55423
cg23719877	FLNC;FLNC	0.00120508	0.00185744	0.293599	-3.406	0.00256081	0.313275	-3.19209	0.00468794	0.352411	-2.83759	0.0578291	1.81323	1.81323	0.00150182	0.280986	-3.55889
cg08710861	FLNC;FLNC	0.00175517	0.523788	0.863413	-1.15819	0.000244755	0.252138	-3.96609	0.00237775	0.381754	-2.61949	0.16308	1.40273	1.40273	0.00271749	0.390176	-2.56295
cg01940964	FLNC;FLNC	0.00185908	0.325071	1.50522	1.50522	0.0128704	0.288553	-3.46557	0.579713	1.25246	1.25246	0.0561775	0.418816	-2.38768	0.0206025	0.325565	-3.07159
cg00844641	FLNC;FLNC	0.0028003	0.242012	1.58452	1.58452	0.890994	1.05289	1.05289	0.863248	0.937255	-1.06695	0.000358153	0.116171	-8.60797	0.16748	1.73855	1.73855
cg17998566	FLNC;FLNC	0.00292778	0.341046	0.900065	-1.11103	0.0077214	1.44378	1.44378	0.000377419	0.543476	-1.84001	0.15678	0.849993	-1.17648	0.593232	0.943781	-1.05957
cg13342360	FLNC;FLNC	0.00444369	0.0418289	0.584283	-1.7115	0.000581002	0.295594	-3.38302	0.260787	0.764398	-1.30822	0.580264	0.879896	-1.1365	0.00027174	0.254839	-3.92405
cg15031685	FLNC;FLNC	0.00485562	0.00910452	0.658825	-1.51785	0.0097533	0.662578	-1.50926	0.0158252	0.689172	-1.45102	0.00280127	0.595299	-1.67983	0.0162146	0.690518	-1.44819
cg24606273	FLNC;FLNC	0.00510546	0.636319	0.88183	-1.13401	0.916118	1.02821	1.02821	0.157755	0.671131	-1.49002	0.190529	1.44193	1.44193	0.863177	1.04659	1.04659
cg27441228	FLNC;FLNC	0.0176056	0.328566	0.814539	-1.22769	0.0126268	1.87907	1.87907	0.00347197	0.446212	-2.24109	0.279521	0.795569	-1.25696	0.592263	0.895859	-1.11625
cg13951589	FLNC;FLNC	0.0228374	0.0452042	3.28694	3.28694	0.0335799	3.6171	3.6171	0.139694	2.27751	2.27751	0.332694	1.67788	1.67788	0.858007	0.911423	-1.09719
cg26961808	FLNC;FLNC	0.0253792	0.0505103	3.80285	3.80285	0.0704762	3.35891	3.35891	0.130201	2.66343	2.66343	0.169427	2.40433	2.40433	0.0307455	4.57573	4.57573
cg26389871	FLNC;FLNC	0.0255391	0.36052	0.890686	-1.12273	0.0446066	0.752787	-1.3284	0.615002	0.939459	-1.06444	0.218969	0.852816	-1.17259	0.217805	1.17311	1.17311
cg21408763	FLNC;FLNC	0.0263719	0.0176484	0.336092	-2.97537	0.0106292	0.297176	-3.36501	0.0334497	0.39116	-2.5565	0.00885508	0.284063	-3.52034	0.00742781	0.271864	-3.67831
cg00832650	FLNC;FLNC	0.0269232	0.233778	0.853331	-1.17188	0.945772	0.991394	-1.00868	0.00267287	0.59003	-1.69483	0.105354	1.25209	1.25209	0.2832	0.867904	-1.1522
cg15211486	FLNC;FLNC	0.0273288	0.296468	0.805144	-1.24201	0.0569117	0.649604	-1.5394	0.0171922	0.559188	-1.78831	0.196926	0.760992	-1.31407	0.0575105	0.65045	-1.5374
cg01184452	FLNC;FLNC	0.0341204	0.981904	1.00505	1.00505	0.0394264	1.69685	1.69685	0.210049	0.745908	-1.34065	0.759278	1.07059	1.07059	0.0177315	0.527315	-1.8964
cg13267092	FLNC;FLNC	0.0404431	0.0151045	0.295784	-3.38085	0.278256	1.58403	1.58403	0.0323223	0.359693	-2.78014	0.137633	0.520848	-1.91995	0.0245142	0.335193	-2.98336
cg19984781	FLOT1	0.000243122	0.39892	1.1954	1.1954	0.00746119	2.03806	2.03806	0.215462	1.30924	1.30924	4.86E-05	4.84906	4.84906	0.963347	1.00954	1.00954
cg13391363	FLOT1	0.000364474	0.000138672	0.294326	-3.3976	0.298344	1.22168	1.22168	0.994362	0.998688	-1.00131	0.808704	1.04608	1.04608	0.603893	1.1021	1.1021
cg05902624	FLOT1	0.00070215	0.34057	0.874329	-1.14373	0.858695	1.02467	1.02467	0.00313174	1.73736	1.73736	0.000150481	2.43479	2.43479	0.269639	0.854543	-1.17022
cg27303735	FLOT1	0.00105914	0.0134657	1.44487	1.44487	0.254641	0.866686	-1.15382	0.101584	0.806046	-1.24062	0.563559	0.93217	-1.07277	0.238375	0.861952	-1.16016
cg16717099	FLOT1	0.00156519	0.316132	0.77549	-1.28951	0.00242345	2.81773	2.81773	0.718025	0.91488	-1.09304	0.000125576	5.14854	5.14854	0.0568905	0.589399	-1.69664
cg17840178	FLOT1	0.00315976	0.00397718	0.190181	-5.25816	0.417824	1.42603	1.42603	0.543521	1.30157	1.30157	0.066002	0.413093	-2.42076	0.000222707	0.0717546	-13.9364
cg20030817	FLOT1	0.00319735	0.948658	0.988321	-1.01182	0.493916	0.88097	-1.13511	0.0104842	1.79975	1.79975	0.554816	1.11513	1.11513	0.000570723	0.377849	-2.64656
cg21761853	FLOT1	0.00437237	0.0218045	0.636581	-1.57089	0.346296	0.852893	-1.17248	0.0285412	0.65447	-1.52795	0.000223555	0.365025	-2.73954	0.997688	0.999525	-1.00048
cg18695800	FLOT1	0.00450055	0.000759507	0.563679	-1.77406	0.0513235	1.28305	1.28305	0.87145	0.981973	-1.01836	0.766056	0.967038	-1.03409	0.838949	1.02312	1.02312
cg02684104	FLOT1	0.00490146	0.0396039	2.52475	2.52475	0.00223815	5.2894	5.2894	0.0107754	3.47878	3.47878	0.0458687	2.43669	2.43669	0.594238	0.811198	-1.23274
cg15576292	FLOT1	0.00546903	0.633227	1.09028	1.09028	0.0465493	1.50657	1.50657	0.464543	0.874734	-1.14321	0.021602	1.64214	1.64214	0.814237	1.04323	1.04323
cg17384076	FLOT1	0.00592328	0.000425228	0.107818	-9.27489	0.00816842	0.258971	-3.86144	0.0131005	0.292842	-3.41482	0.00289631	0.195075	-5.12624	0.0793381	0.459617	-2.17572
cg24004368	FLOT1	0.00628226	0.0380037	0.467923	-2.1371	0.0203384	0.413546	-2.41811	0.760043	0.907813	-1.10155	0.383856	0.754341	-1.32566	0.00291873	0.274962	-3.63686
cg19573580	FLOT1	0.00653088	0.343752	0.828546	-1.20693	0.116736	1.38911	1.38911	0.00822066	1.91934	1.91934	0.229055	1.2756	1.2756	0.000563936	0.356738	-2.80318
cg25164894	FLOT1	0.00991994	0.103852	0.625515	-1.59868	0.0821367	0.601637	-1.66213	0.903928	0.968647	-1.03237	0.491693	0.831732	-1.20231	0.00112251	0.282127	-3.5445
cg13120424	FLOT1	0.0112971	0.00945427	0.585404	-1.70822	0.383152	0.864504	-1.15673	0.354854	0.856449	-1.16761	0.353385	1.1682	1.1682	0.00654409	0.56263	-1.77737
cg22063321	FLOT1	0.0119957	0.00271119	0.41465	-2.41167	0.216813	0.758666	-1.3181	0.0295834	0.580187	-1.72358	0.857151	0.96243	-1.03904	0.00234495	0.405553	-2.46577
cg21435957	FLOT1	0.0126396	0.727367	0.885812	-1.12891	0.152062	0.587694	-1.70156	0.20487	0.629127	-1.5895	0.00191859	0.218318	-4.58047	0.0285284	0.40851	-2.44792
cg11285284	FLOT1	0.0133364	0.0451542	1.60658	1.60658	0.00281871	2.3366	2.3366	0.539462	1.13673	1.13673	0.991839	1.00211	1.00211	0.223656	0.768186	-1.30177
cg04353171	FLOT1	0.013636	0.221949	1.51194	1.51194	0.000579878	5.55074	5.55074	0.0387852	2.16104	2.16104	0.173561	1.59407	1.59407	0.972808	0.989083	-1.01104
cg23775991	FLOT1	0.0152189	0.0144387	0.499979	-2.00008	0.730662	1.0827	1.0827	0.21691	0.741746	-1.34817	0.225672	0.746343	-1.33987	0.0477181	0.594162	-1.68304
cg05937873	FLOT1	0.0175427	0.018018	0.342861	-2.91663	0.11371	1.89859	1.89859	0.207302	1.64112	1.64112	0.00710675	3.65263	3.65263	0.39013	0.720326	-1.38826
cg06273041	FLOT1	0.0180235	0.238344	2.05013	2.05013	0.699408	1.25299	1.25299	0.718046	1.23463	1.23463	0.00026662	0.0308405	-32.4249	0.710712	0.805286	-1.24179
cg14376607	FLOT1	0.0203542	0.707743	1.12949	1.12949	0.824822	0.93083	-1.07431	0.0111074	0.357212	-2.79946	0.0196839	0.402133	-2.48674	0.286644	0.699242	-1.43012
cg00807475	FLOT1	0.0259096	0.514049	0.851927	-1.17381	0.595487	0.878306	-1.13856	0.979231	0.993716	-1.00632	0.000994843	0.305968	-3.26832	0.0723601	0.615329	-1.62515
cg06534376	FLOT1	0.0261225	0.464514	0.847784	-1.17955	0.516137	1.15724	1.15724	0.0465902	0.603202	-1.65782	0.0226962	0.546057	-1.83131	0.0651004	0.631664	-1.58312
cg05681859	FLOT1	0.0336409	0.0935474	1.81287	1.81287	0.00402696	3.47708	3.47708	0.0259504	2.34589	2.34589	0.210824	1.53001	1.53001	0.698404	1.13382	1.13382
cg17988780	FLOT1	0.0339578	0.333548	1.30148	1.30148	0.0468547	1.82416	1.82416	0.106802	1.59226	1.59226	0.425776	1.23968	1.23968	0.258126	0.732177	-1.36579
cg02576394	FLOT1	0.0340048	0.834299	1.02615	1.02615	0.525134	1.08258	1.08258	0.0087371	0.662557	-1.5093	0.446827	1.10026	1.10026	0.185583	0.841166	-1.18883
cg20902758	FLOT1	0.0398626	0.00899553	0.26838	-3.72607	0.0667269	0.443047	-2.2571	0.144638	0.537688	-1.85982	0.27755	0.639423	-1.56391	0.0270476	0.354666	-2.81956
cg23343973	FLOT1	0.0464053	0.673536	0.921372	-1.08534	0.99582	1.00101	1.00101	0.687829	0.924909	-1.08119	0.218268	1.28438	1.28438	0.0340373	0.619939	-1.61306
cg16254746	FLOT1	0.0477025	0.143689	2.11586	2.11586	0.00253057	7.38538	7.38538	0.0306595	3.35786	3.35786	0.346761	1.58755	1.58755	0.877265	0.928927	-1.07651
cg26432347	FLOT1	0.0483414	?	?	?	0.632385	1.12202	1.12202	0.47296	1.1905	1.1905	0.813351	0.945066	-1.05813	?	?	?
cg04219001	FLOT1	0.0484862	0.00866682	0.246596	-4.05521	0.158939	0.532616	-1.87753	0.0802154	0.443942	-2.25255	0.25257	0.606508	-1.64878	0.0283414	0.338583	-2.95349
cg25796098	FLOT1;FLOT1	0.0105216	0.0274219	1.60425	1.60425	0.940668	1.01358	1.01358	0.227318	0.794838	-1.25812	0.853685	0.967108	-1.03401	0.00612953	0.523113	-1.91163
cg02157827	FLOT1;IER3	0.00277147	0.387727	1.39043	1.39043	0.391887	1.38623	1.38623	0.0100918	3.34879	3.34879	0.678257	0.856143	-1.16803	0.387304	1.39086	1.39086
cg18650716	FLOT1;IER3	0.0200309	0.102035	6.22052	6.22052	0.0245978	15.3982	15.3982	0.104245	6.13506	6.13506	0.139389	5.07676	5.07676	0.628666	0.607913	-1.64497
cg16331823	FLOT1;IER3	0.0283795	0.167918	4.25822	4.25822	0.0121967	21.7369	21.7369	0.0258833	13.5677	13.5677	0.167959	4.25756	4.25756	0.928858	1.09203	1.09203
cg16493531	FLOT1;IER3	0.0345326	0.120781	5.80705	5.80705	0.016726	21.1898	21.1898	0.0641679	8.79878	8.79878	0.326443	2.88405	2.88405	0.873603	0.846671	-1.1811
cg13804182	FLOT1;IER3	0.0390204	0.344126	2.6231	2.6231	0.0241666	14.2985	14.2985	0.0460848	9.60117	9.60117	0.104849	5.77745	5.77745	0.872238	1.17265	1.17265
cg10916998	FLOT1;IER3	0.0493781	0.175762	3.85083	3.85083	0.024831	12.2028	12.2028	0.0383678	9.46222	9.46222	0.285778	2.82433	2.82433	0.704795	1.42829	1.42829
cg17429730	FLOT2	0.000710157	0.000666603	0.276655	-3.61461	0.330896	1.28084	1.28084	0.20077	0.716501	-1.39567	0.00568092	0.408594	-2.44742	2.36E-05	0.12462	-8.02441
cg04266864	FLOT2;DHRS13	0.00075506	0.291329	0.918839	-1.08833	0.311006	1.0844	1.0844	0.222896	0.905734	-1.10408	0.424649	0.938916	-1.06506	0.806985	0.981256	-1.0191
cg08810238	FLOT2;DHRS13	0.0109351	0.00470911	0.385733	-2.59247	0.133947	0.663664	-1.50679	0.0200154	0.490682	-2.03798	0.0885989	1.61041	1.61041	0.0138645	0.46243	-2.16249
cg00021030	FLOT2;DHRS13	0.0482809	0.0228517	0.276383	-3.61816	0.0777385	0.396244	-2.5237	0.226556	0.549051	-1.82132	0.928285	0.958383	-1.04342	0.00370407	0.15695	-6.37147
cg17676132	FLRT1;MACROD1	0.000130923	4.82E-05	0.101047	-9.89642	0.000188663	0.151488	-6.60118	0.000499416	0.19554	-5.11405	0.023149	0.443207	-2.25628	0.00017515	0.148406	-6.73828
cg09375205	FLRT1;MACROD1	0.0026651	0.164099	1.45978	1.45978	0.00375502	0.369071	-2.70951	0.597733	0.873128	-1.14531	0.0419088	1.81739	1.81739	0.000160974	0.193597	-5.16537
cg01256440	FLRT1;MACROD1	0.00390831	0.000312577	0.360972	-2.7703	0.449047	0.874168	-1.14394	0.10167	0.731707	-1.36667	0.512905	0.890758	-1.12264	0.218409	0.797974	-1.25317
cg04740931	FLRT1;MACROD1	0.0120431	0.115238	0.766846	-1.30404	0.883336	0.977495	-1.02302	0.212024	0.815632	-1.22604	0.223879	0.820302	-1.21906	0.586349	1.08891	1.08891
cg18093064	FLRT1;MACROD1	0.028595	0.027422	0.388465	-2.57423	0.00247143	0.217561	-4.59641	0.0727031	0.484003	-2.0661	0.784124	1.10465	1.10465	0.0703924	0.480483	-2.08124
cg05016508	FLRT1;MACROD1;FLRT1	0.0315062	0.945913	1.00957	1.00957	0.00751808	1.62115	1.62115	0.00936314	0.62952	-1.58851	0.140575	1.24937	1.24937	0.69651	0.946438	-1.05659
cg05381290	FLRT2	0.000640524	0.193856	0.763614	-1.30956	5.31E-05	0.227553	-4.39458	0.000455013	0.338368	-2.95537	0.173323	0.752588	-1.32875	0.128093	0.724175	-1.38088
cg02165099	FLRT2	0.00116676	0.277965	1.23047	1.23047	0.0139381	0.572161	-1.74776	0.481988	0.876892	-1.14039	0.122393	0.735099	-1.36036	0.591526	0.905216	-1.10471
cg13594869	FLRT2	0.00270142	0.0998185	0.717747	-1.39325	0.285863	1.22608	1.22608	0.443726	1.15441	1.15441	0.456157	0.86974	-1.14977	0.000127457	0.293556	-3.4065
cg14125604	FLRT2	0.00317783	0.170952	0.804772	-1.24259	0.136645	1.26984	1.26984	8.48E-05	2.86493	2.86493	0.0230472	1.49919	1.49919	0.855331	1.02756	1.02756
cg16324934	FLRT2	0.00358947	0.767595	0.960673	-1.04094	0.162239	1.22387	1.22387	0.0184603	1.47247	1.47247	0.455711	0.902256	-1.10833	0.865587	1.0232	1.0232
cg04435483	FLRT2	0.00444692	0.409384	1.25562	1.25562	0.000238999	0.193782	-5.16045	0.00474841	0.3636	-2.75028	0.133151	0.645903	-1.54822	0.642978	1.13421	1.13421
cg05295297	FLRT2	0.00588892	0.996645	1.00064	1.00064	0.000428363	2.33103	2.33103	0.00289508	1.86219	1.86219	0.391116	0.875111	-1.14271	0.606299	1.08212	1.08212
cg01919632	FLRT2	0.00888489	0.743629	0.967455	-1.03364	0.805727	0.975463	-1.02515	0.0363111	1.27809	1.27809	0.0319091	0.776092	-1.28851	0.0163285	0.743784	-1.34448
cg19622874	FLRT2	0.00932785	0.243121	1.25319	1.25319	0.96226	0.991295	-1.00878	0.100102	0.716831	-1.39503	0.754839	0.943762	-1.05959	0.109245	1.38085	1.38085
cg21571339	FLRT2	0.0179467	0.653195	1.17958	1.17958	0.0165424	0.343324	-2.9127	0.0579346	0.457152	-2.18746	0.705358	1.14879	1.14879	0.0673047	0.472987	-2.11422
cg18919660	FLRT2	0.0307148	0.0989463	0.512541	-1.95106	0.00393948	0.238575	-4.19156	0.0443246	0.425955	-2.34767	0.996181	0.998233	-1.00177	0.507539	0.780051	-1.28197
cg04862347	FLRT2	0.0380974	0.380565	1.29687	1.29687	0.0244662	0.460845	-2.16993	0.468307	1.23772	1.23772	0.265696	0.715182	-1.39824	0.0214592	2.22228	2.22228
cg01485627	FLRT2	0.038242	0.0584638	0.716462	-1.39575	0.772708	0.955838	-1.0462	0.122107	1.29865	1.29865	0.374261	0.867415	-1.15285	0.677418	0.93684	-1.06742
cg18386876	FLRT2	0.0494725	0.444477	0.710446	-1.40757	?	?	?	0.232005	1.73276	1.73276	0.108878	2.1529	2.1529	0.00602294	0.207284	-4.82431
cg17410236	FLRT2;FLRT2	0.0343088	0.00456871	11.6991	11.6991	0.885723	1.08743	1.08743	0.150415	2.51257	2.51257	0.0659336	0.285168	-3.5067	?	?	?
cg17696268	FLRT3;MACROD2;FLRT3	0.00627334	0.00972487	0.345847	-2.89145	0.0133411	0.369651	-2.70526	0.036894	0.455237	-2.19666	0.875199	1.05235	1.05235	0.000979825	0.203618	-4.91116
cg17752684	FLRT3;MACROD2;FLRT3	0.0175168	0.0281844	0.786234	-1.27189	0.0919171	0.841835	-1.18788	0.00228028	1.48575	1.48575	0.180563	0.876396	-1.14104	0.0895122	0.840535	-1.18972
cg01642503	FLRT3;MACROD2;FLRT3;FLRT3;FLRT3	0.022608	0.123582	0.757227	-1.32061	0.00275749	1.99089	1.99089	0.00754788	1.77378	1.77378	0.549419	1.10626	1.10626	0.997619	0.999503	-1.0005
cg26833784	FLT1	0.00443856	0.000577486	0.150183	-6.65852	0.789876	1.09975	1.09975	0.0384418	0.425783	-2.34861	0.313177	0.689781	-1.44974	0.00061118	0.152687	-6.54935
cg17984935	FLT1	0.00721754	0.965187	1.01024	1.01024	0.521058	1.16405	1.16405	0.000430729	0.272338	-3.67191	0.807527	0.944594	-1.05866	0.0044438	0.41215	-2.4263
cg27423357	FLT1;FLT1;FLT1	0.00172787	0.0104435	0.239332	-4.1783	0.00125144	0.12363	-8.08865	0.0542118	0.379439	-2.63547	0.242955	1.71936	1.71936	0.0136745	0.258574	-3.86737
cg14241731	FLT1;FLT1;FLT1	0.0155093	0.00992523	0.170591	-5.86196	0.0288943	0.246888	-4.05042	0.0608089	0.317412	-3.15048	0.447322	0.656704	-1.52276	0.00393742	0.121695	-8.21729
cg25154733	FLT1;FLT1;FLT1	0.0420221	0.751567	0.904574	-1.10549	0.00237298	0.262308	-3.81231	0.0458601	0.485421	-2.06007	0.0115618	0.368923	-2.71059	0.109938	0.576824	-1.73363
cg06272611	FLT1;FLT1;FLT1;FLT1	6.86E-06	0.348576	0.907062	-1.10246	0.104546	0.835821	-1.19643	0.983553	0.997919	-1.00209	0.000251876	1.84057	1.84057	0.0436328	1.26424	1.26424
cg13800491	FLT1;FLT1;FLT1;FLT1	0.000313781	0.0616772	0.45077	-2.21843	0.127671	0.536026	-1.86558	0.0131706	0.312346	-3.20158	0.00871857	0.282166	-3.54402	8.28E-05	0.0683022	-14.6408
cg02188358	FLT1;FLT1;FLT1;FLT1	0.000767717	0.136454	1.43506	1.43506	0.00379406	2.40883	2.40883	0.0213325	1.86427	1.86427	0.00286994	2.51781	2.51781	0.0887216	1.52612	1.52612
cg09887007	FLT1;FLT1;FLT1;FLT1	0.00175011	0.764145	1.08777	1.08777	0.49715	1.21255	1.21255	0.817717	1.06667	1.06667	0.797693	0.930703	-1.07446	0.821665	0.938832	-1.06515
cg01899253	FLT1;FLT1;FLT1;FLT1	0.00246286	0.0862275	0.575754	-1.73685	0.000659421	0.218821	-4.56995	0.0578993	0.53557	-1.86717	0.279495	0.720757	-1.38743	0.00436813	0.329933	-3.03092
cg00887295	FLT1;FLT1;FLT1;FLT1	0.00316154	0.291538	0.727595	-1.37439	0.0027391	0.300769	-3.32482	0.000795971	0.229464	-4.35798	0.36891	0.764797	-1.30754	0.00163257	0.269505	-3.7105
cg10667166	FLT1;FLT1;FLT1;FLT1	0.0106428	0.0285916	0.510001	-1.96078	0.441903	1.22681	1.22681	0.00588833	0.390837	-2.55861	0.00153572	0.304731	-3.28158	0.0156754	0.461989	-2.16455
cg15978017	FLT1;FLT1;FLT1;FLT1	0.0111499	0.658171	0.890276	-1.12325	0.383598	0.791995	-1.26263	0.00270296	0.339012	-2.94975	0.00448188	0.371892	-2.68895	0.0012482	0.292078	-3.42374
cg18662080	FLT1;FLT1;FLT1;FLT1	0.0186395	0.212108	0.573232	-1.74449	0.984851	1.00807	1.00807	0.69689	1.18025	1.18025	0.266174	1.63316	1.63316	0.0191357	0.301076	-3.32142
cg19402236	FLT1;FLT1;FLT1;FLT1	0.0258025	0.0125043	0.281232	-3.55578	0.243617	0.607681	-1.6456	0.0672674	0.432898	-2.31001	0.12629	0.508989	-1.96468	0.00215812	0.172328	-5.80288
cg24850711	FLT1;FLT1;FLT1;FLT1	0.0323446	0.0190217	0.283671	-3.52521	0.019964	0.287548	-3.47769	0.296996	0.618883	-1.61581	0.872152	1.07409	1.07409	0.0127789	0.253429	-3.94587
cg19512693	FLT1;FLT1;FLT1;FLT1	0.0353509	0.107497	2.29105	2.29105	0.00806959	4.95953	4.95953	0.128758	0.460815	-2.17007	0.255498	0.571079	-1.75107	0.427308	0.68216	-1.46593
cg22574825	FLT1;FLT1;FLT1;FLT1;FLT1;FLT1;FLT1;FLT1	0.00125307	0.823109	0.912176	-1.09628	0.000603157	8.77369	8.77369	0.110388	2.04273	2.04273	0.528071	0.769165	-1.30011	0.575938	1.26112	1.26112
cg10501128	FLT1;FLT1;FLT1;FLT1;FLT1;FLT1;FLT1;FLT1	0.0369747	0.838311	0.950858	-1.05168	0.00663714	2.3843	2.3843	0.923379	0.976554	-1.02401	0.231044	1.36322	1.36322	0.0138459	2.11726	2.11726
cg15613534	FLT3	5.09E-05	0.713137	1.09626	1.09626	0.825125	0.946413	-1.05662	8.26E-05	0.171214	-5.84064	0.00264782	0.355194	-2.81536	0.000379401	0.2434	-4.10846
cg10763141	FLT3	0.000231632	0.496451	1.11898	1.11898	0.332474	1.17676	1.17676	0.000691307	0.430359	-2.32364	0.941203	1.01208	1.01208	4.29E-05	0.282121	-3.54458
cg15456502	FLT3	0.00104815	0.000643261	0.0909475	-10.9953	0.00498187	0.1824	-5.48246	0.0227616	0.287143	-3.48259	0.0731473	0.400591	-2.49631	0.000522444	0.084109	-11.8893
cg09400887	FLT3	0.00666761	0.000710448	0.575544	-1.73749	0.396875	1.09739	1.09739	0.314045	1.11799	1.11799	0.178643	0.85807	-1.16541	0.807368	0.974171	-1.02651
cg07017374	FLT3	0.00736546	0.867956	1.0448	1.0448	0.0748362	0.592942	-1.68651	0.522283	1.18628	1.18628	0.979523	0.993262	-1.00678	0.0999637	1.60772	1.60772
cg14091954	FLT3	0.009808	0.0458562	0.572567	-1.74652	0.173173	1.42351	1.42351	0.0103093	2.19789	2.19789	0.0603094	0.596804	-1.67559	0.0560978	0.590298	-1.69406
cg08055131	FLT3	0.032472	0.0740276	3.13919	3.13919	0.00234867	11.4643	11.4643	0.0325685	4.20942	4.20942	0.903399	1.07226	1.07226	0.0579391	3.42678	3.42678
cg15126273	FLT3	0.0417388	0.0169144	0.253253	-3.94862	0.0618081	0.375884	-2.6604	0.0208716	0.270457	-3.69744	0.930857	0.961148	-1.04042	0.0468798	0.346048	-2.88977
cg16936846	FLT3	0.0485339	0.338944	0.71799	-1.39278	0.471821	1.2789	1.2789	0.000996376	0.193341	-5.17221	0.577758	0.827775	-1.20806	0.907441	0.96166	-1.03987
cg14660839	FLT3;FLT3	0.026332	0.697705	0.915379	-1.09244	0.975875	0.993174	-1.00687	0.252552	0.762829	-1.31091	0.0108301	0.484368	-2.06455	0.337963	1.25076	1.25076
cg16891376	FLT3LG	6.25E-05	8.17E-05	0.272698	-3.66706	0.04982	1.50588	1.50588	0.00154786	0.434755	-2.30014	0.021911	0.604624	-1.65392	4.81E-06	0.147662	-6.77223
cg21067745	FLT3LG	0.00291505	0.0057287	0.206508	-4.84243	0.000211927	0.0674664	-14.8222	0.0288512	0.325521	-3.072	0.0143506	0.268598	-3.72304	0.0189565	0.290158	-3.4464
cg27338836	FLT4	8.86E-05	0.00165019	0.624347	-1.60167	0.00131193	1.63086	1.63086	0.00420535	0.669727	-1.49314	0.0157542	0.733872	-1.36264	0.000877174	0.593499	-1.68492
cg11583106	FLT4	0.00108897	0.0140605	0.56238	-1.77816	0.681724	1.08144	1.08144	0.00116958	0.404679	-2.4711	0.930477	0.98357	-1.0167	0.431855	0.858728	-1.16451
cg07795168	FLT4	0.00136743	0.000653322	0.09543	-10.4789	0.523784	1.33713	1.33713	0.00682267	0.206816	-4.83521	0.954993	1.0257	1.0257	0.000946808	0.109007	-9.17375
cg11530408	FLT4	0.00188953	0.111481	0.74477	-1.3427	0.259557	0.81879	-1.22131	0.0363741	0.661312	-1.51214	0.998435	0.999667	-1.00033	0.709624	0.938398	-1.06565
cg26555052	FLT4	0.0305089	0.0228809	0.111432	-8.97407	0.360292	2.13408	2.13408	0.0290918	0.125806	-7.94877	0.820548	1.20097	1.20097	0.00713736	0.0607783	-16.4532
cg02328545	FLT4	0.0499921	0.348946	1.47231	1.47231	0.0544824	2.39954	2.39954	0.0388813	0.383147	-2.60996	0.88897	1.05764	1.05764	0.107003	0.493665	-2.02567
cg25658276	FLT4;FLT4	2.08E-07	1.34E-06	0.280067	-3.57057	0.000208075	1.89458	1.89458	0.000123275	0.501873	-1.99254	2.38E-06	0.307008	-3.25724	7.96E-08	0.160075	-6.24705

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07378760	1.04E-06	0.161707	-6.18403	0.0246628	1.46426	1.46426	0.349277	0.871672	-1.14722	0.0193209	1.49671	1.49671	29.9112	9.62484	0.286027	1
cg06029308	0.0583863	1.46453	1.46453	4.32E-06	6.63243	6.63243	0.00703044	0.537067	-1.86197	0.0544834	1.4758	1.4758	25.729	12.9677	0.448008	1
cg06313433	8.42E-05	0.202085	-4.94841	0.705876	0.917835	-1.08952	0.370441	0.812223	-1.23119	0.0114055	0.488669	-2.04637	22.29	18.0522	0.71989	1
cg15733367	0.00938335	2.51293	2.51293	6.88E-06	16.2631	16.2631	0.496703	0.824437	-1.21295	0.00285056	3.15422	3.15422	21.643	26.8261	1.10176	1
cg03781594	?	?	?	0.000715937	0.229453	-4.35819	0.652837	1.13815	1.13815	0.194291	0.675403	-1.4806	20.048	20.1706	1.14984	1
cg11361691	0.684309	1.04727	1.04727	0.00426047	0.649105	-1.54058	0.315187	0.889268	-1.12452	0.00599688	1.50051	1.50051	10.3267	2.08832	0.179755	1
cg13711186	0.174152	0.802154	-1.24664	0.00548254	1.74523	1.74523	0.8624	1.02681	1.02681	0.777024	1.04425	1.04425	8.04294	2.96209	0.327364	1
cg19464231	0.990142	0.997822	-1.00218	8.37E-05	0.286759	-3.48725	0.944916	0.98788	-1.01227	0.424596	0.86597	-1.15478	7.43073	3.66513	0.438435	1
cg06793267	0.60382	0.881478	-1.13446	0.354031	0.794706	-1.25833	0.003194	2.63822	2.63822	0.443196	0.82828	-1.20732	7.34833	6.75852	0.817543	1
cg21869590	0.00245169	0.629031	-1.58975	0.074283	1.23459	1.23459	0.515768	0.933514	-1.07122	0.0337188	0.767359	-1.30317	7.70927	1.29741	0.130894	1
cg02026180	0.0141673	0.394964	-2.53188	0.485156	0.804368	-1.24321	0.693555	1.12924	1.12924	0.779289	0.917386	-1.09005	5.09296	7.59791	1.32608	1
cg03479209	0.185971	1.75091	1.75091	0.388147	1.42376	1.42376	0.178002	1.7713	1.7713	0.983623	1.00823	1.00823	4.53646	11.4636	2.24621	1
cg06003083	0.554484	1.10265	1.10265	0.0275619	1.53096	1.53096	0.870532	0.973693	-1.02702	0.084247	0.731838	-1.36642	4.33174	1.8327	0.376076	1
cg13142374	0.112165	1.63746	1.63746	0.00646632	2.74412	2.74412	0.039867	1.96863	1.96863	0.2001	1.47093	1.47093	3.73415	4.80736	1.14436	1
cg13577407	0.0369962	0.691682	-1.44575	0.0312486	0.680701	-1.46907	0.424834	0.883349	-1.13206	0.304936	1.17548	1.17548	3.56683	1.3084	0.326066	1
cg06761584	0.15158	1.30045	1.30045	0.00282237	0.494936	-2.02046	0.0289856	0.643931	-1.55296	0.000584178	0.402943	-2.48174	12.3826	5.73357	0.411586	1
cg23719877	0.00710781	0.381025	-2.6245	0.00045291	0.215732	-4.63539	0.600445	0.863603	-1.15794	0.102801	0.609408	-1.64094	11.1583	13.6065	1.08392	1
cg08710861	0.00438239	0.421082	-2.37484	0.308207	1.27093	1.27093	0.82071	0.949709	-1.05295	0.572093	1.13857	1.13857	10.0147	8.19547	0.727414	1
cg01940964	0.154743	1.84576	1.84576	0.000227528	11.7698	11.7698	0.0326756	2.73423	2.73423	0.0202462	3.08523	3.08523	9.84903	25.2609	2.27983	1
cg00844641	0.251367	1.56902	1.56902	0.001981	5.16724	5.16724	0.0135297	3.15446	3.15446	0.109382	1.92734	1.92734	8.73469	19.5451	1.98901	1
cg17998566	0.073269	1.23906	1.23906	0.0105992	1.41189	1.41189	0.144224	1.18334	1.18334	0.27773	0.885915	-1.12878	8.62026	1.57228	0.162127	1
cg13342360	0.727402	0.922964	-1.08347	0.779767	0.937805	-1.06632	0.541825	1.15196	1.15196	0.243227	0.755995	-1.32276	7.60672	6.32168	0.738724	1
cg15031685	0.968431	0.995028	-1.005	0.0655468	1.2973	1.2973	0.913317	0.986381	-1.01381	0.00380851	0.611749	-1.63466	7.40448	1.85987	0.223272	1
cg24606273	0.883285	1.03955	1.03955	7.53E-05	0.150051	-6.6644	0.0878121	0.608082	-1.64451	0.161115	0.673573	-1.48462	7.29196	8.05022	0.981322	1
cg27441228	0.855093	1.03789	1.03789	0.0797994	1.48508	1.48508	0.0461843	1.59152	1.59152	0.460712	1.16506	1.16506	4.91155	3.21892	0.582558	1
cg13951589	0.274376	1.80221	1.80221	0.00120646	11.6514	11.6514	0.00851827	5.69037	5.69037	0.263024	1.83003	1.83003	4.49584	19.0981	3.77596	1
cg26961808	0.0258665	4.88184	4.88184	0.00172937	14.5667	14.5667	0.0173824	5.6734	5.6734	0.0769119	3.25091	3.25091	4.33446	24.6577	5.05667	1
cg26389871	0.0454246	1.32655	1.32655	0.00959324	1.49757	1.49757	0.0462714	0.7549	-1.32468	0.176246	0.837726	-1.19371	4.32498	1.03881	0.213501	1
cg21408763	0.698669	0.863345	-1.15829	0.428816	0.737044	-1.35677	0.104533	0.511592	-1.95468	0.75269	0.88745	-1.12682	4.27679	9.66468	2.00871	1
cg00832650	0.277145	1.15443	1.15443	0.0297928	1.3839	1.3839	0.806938	1.0316	1.0316	0.280694	1.15312	1.15312	4.2459	1.08562	0.227277	1
cg15211486	0.0911697	1.45137	1.45137	0.156265	1.3548	1.3548	0.26517	0.792553	-1.26174	0.00977016	0.519872	-1.92355	4.22368	2.68148	0.564328	1
cg01184452	0.0356108	1.72086	1.72086	0.0647602	0.631062	-1.58463	0.160069	0.716694	-1.3953	0.158255	0.715512	-1.3976	3.90286	3.04441	0.693375	1
cg13267092	0.0962565	0.474673	-2.10671	0.0198656	0.317564	-3.14897	0.0717028	0.440258	-2.27139	0.205023	0.57952	-1.72556	3.66821	9.66985	2.34322	1
cg19984781	0.00676507	2.06574	2.06574	0.000176919	0.268817	-3.72	0.00174	2.51631	2.51631	0.17096	1.35161	1.35161	17.4219	11.7855	0.601312	1
cg13391363	0.744473	0.941063	-1.06263	3.29E-05	0.223659	-4.47108	0.19264	1.29189	1.29189	0.00954588	1.83986	1.83986	15.5946	8.52039	0.485662	1
cg05902624	0.0305707	1.41547	1.41547	0.748225	1.04502	1.04502	8.49E-05	2.62719	2.62719	0.0376109	1.3907	1.3907	12.9998	3.84962	0.263227	1
cg27303735	0.00595004	0.648793	-1.54132	0.000632514	0.531708	-1.88073	8.94E-05	0.430186	-2.32457	0.0801889	0.791766	-1.263	11.5762	2.65299	0.203712	1
cg16717099	0.0167791	2.04631	2.04631	0.166916	0.696626	-1.43549	0.0703127	1.64266	1.64266	0.326086	0.779779	-1.28241	10.3519	9.86752	0.847295	1
cg17840178	0.0371357	0.354426	-2.82146	0.00297521	0.174278	-5.73795	0.0492942	0.382191	-2.6165	0.0787566	0.433075	-2.30907	8.42715	24.523	2.58666	1
cg20030817	?	?	?	0.00282118	2.11792	2.11792	0.312784	1.20982	1.20982	0.43966	0.866083	-1.15462	8.58388	4.02154	0.468499	1
cg21761853	0.186296	0.794632	-1.25844	0.00468897	0.539753	-1.8527	0.615468	1.08664	1.08664	0.00639209	0.558691	-1.7899	7.64411	3.25872	0.378938	1
cg18695800	0.0178252	0.723581	-1.38201	0.00342552	1.5631	1.5631	0.259911	1.14112	1.14112	0.321977	1.1218	1.1218	7.57744	1.5143	0.177639	1
cg02684104	0.713176	1.15452	1.15452	0.325784	1.48415	1.48415	0.000274944	10.1607	10.1607	0.883244	1.05885	1.05885	7.3833	17.7095	2.13208	1
cg15576292	0.152643	0.759249	-1.31709	0.000360723	0.357512	-2.79711	0.755837	0.945463	-1.05768	0.0257507	0.621169	-1.60987	7.13992	3.6554	0.455081	1
cg17384076	0.0117979	0.285047	-3.5082	0.0741256	0.451895	-2.2129	0.119712	0.509764	-1.96169	0.0860073	0.468983	-2.13227	6.96677	17.5764	2.24257	1
cg24004368	0.00172023	0.243564	-4.1057	0.00149279	0.23555	-4.24539	0.937367	0.975493	-1.02512	0.0209168	0.415863	-2.40464	6.84124	10.8001	1.40327	1
cg19573580	0.546738	1.12481	1.12481	0.805519	1.04872	1.04872	0.0371807	1.59442	1.59442	0.434586	1.1662	1.1662	6.75942	3.98127	0.523551	1
cg25164894	0.00159109	0.302549	-3.30524	0.0116403	0.435221	-2.29768	0.630013	1.13661	1.13661	0.462082	0.82078	-1.21835	5.92583	6.53176	0.979779	1
cg13120424	0.00327145	0.520663	-1.92063	0.0216994	0.638471	-1.56624	0.197719	1.24815	1.24815	0.0526871	0.698659	-1.43131	5.68346	2.38591	0.373155	1
cg22063321	0.349365	0.814856	-1.22721	0.132453	0.708184	-1.41206	0.0544625	1.59001	1.59001	0.208233	0.754287	-1.32576	5.57415	3.98769	0.635902	1
cg21435957	0.580321	1.21346	1.21346	0.00419391	0.264826	-3.77606	0.107303	1.83848	1.83848	0.0832717	0.514664	-1.94302	5.48019	10.4163	1.68952	1
cg11285284	0.326513	0.81143	-1.23239	0.00856414	0.500659	-1.99737	0.181124	1.34027	1.34027	0.138816	0.719877	-1.38913	5.38497	3.62905	0.599041	1
cg04353171	0.53384	1.22498	1.22498	0.069924	1.92059	1.92059	0.00517255	3.28319	3.28319	0.859795	0.944653	-1.05859	5.34593	8.78098	1.46005	1
cg23775991	0.00135027	0.342856	-2.91668	0.066897	0.62355	-1.60372	0.00463154	0.420549	-2.37784	0.0992869	0.660029	-1.51509	5.15592	4.31753	0.74435	1
cg05937873	0.957086	0.980153	-1.02025	0.768828	0.896021	-1.11605	0.00527613	3.93593	3.93593	0.466837	1.31762	1.31762	4.91745	10.808	1.95368	1
cg06273041	0.67131	0.780271	-1.28161	0.901631	0.930645	-1.07452	0.695375	1.25702	1.25702	0.87653	1.09459	1.09459	4.87299	26.0768	4.75671	1
cg14376607	0.00931896	0.344225	-2.90508	0.00269156	0.261597	-3.82268	0.612945	0.847944	-1.17932	0.0980013	0.556061	-1.79836	4.67656	7.74327	1.47179	1
cg00807475	0.0133421	0.476001	-2.10083	0.417629	1.22213	1.22213	0.909367	0.972799	-1.02796	0.948693	1.01571	1.01571	4.3033	3.99705	0.82563	1
cg06534376	0.0760671	0.64541	-1.5494	0.00164026	0.367819	-2.71873	0.592748	0.887136	-1.12722	0.0441877	0.598819	-1.66995	4.29102	3.34384	0.69268	1
cg05681859	0.602058	1.18494	1.18494	0.124916	1.70879	1.70879	0.00460877	3.3742	3.3742	0.820144	1.07622	1.07622	3.92282	6.46394	1.46469	1
cg17988780	0.903947	0.96861	-1.03241	0.962514	1.01249	1.01249	0.00174743	3.25032	3.25032	0.203413	0.701407	-1.42571	3.90959	4.32149	0.982539	1
cg02576394	0.152208	1.20803	1.20803	0.217373	0.852213	-1.17342	0.17392	1.19512	1.19512	0.0127759	1.46398	1.46398	3.90764	0.939711	0.21376	1
cg20902758	0.120655	0.513461	-1.94757	0.00552646	0.235967	-4.23788	0.276714	0.638885	-1.56523	0.0323395	0.370693	-2.69765	3.68781	9.15961	2.20778	1
cg23343973	0.845892	1.03832	1.03832	0.00368583	0.46834	-2.1352	0.55249	1.12315	1.12315	0.10243	1.41254	1.41254	3.48508	2.06151	0.5258	1
cg16254746	0.802987	1.12665	1.12665	0.0758736	2.56622	2.56622	0.0440855	3.0147	3.0147	0.909691	1.05562	1.05562	3.44906	12.4309	3.20367	1
cg26432347	0.683868	0.906835	-1.10274	0.273739	0.761798	-1.31268	0.147205	1.45	1.45	0.00283331	0.374583	-2.66964	3.54673	2.49309	0.803344	1
cg04219001	0.118217	0.491776	-2.03345	0.007822	0.239704	-4.17181	0.494368	0.747994	-1.33691	0.0510355	0.394612	-2.53414	3.42788	9.50448	2.46462	1
cg25796098	0.312423	1.20841	1.20841	0.00244029	0.465751	-2.14707	0.450252	1.14955	1.14955	0.0742859	1.43377	1.43377	5.8151	3.02283	0.462066	1
cg02157827	0.534338	0.79112	-1.26403	5.22E-05	16.7148	16.7148	0.47605	1.30971	1.30971	0.0105962	3.30939	3.30939	8.76148	19.2347	1.95144	1
cg18650716	0.0357453	12.1313	12.1313	0.00214917	81.5996	81.5996	0.00866312	30.5011	30.5011	0.0417212	10.997	10.997	4.7021	77.6868	14.686	1
cg16331823	0.0592574	8.1615	8.1615	0.00439779	42.4717	42.4717	0.0156954	18.5297	18.5297	0.0524451	8.79534	8.79534	4.16796	64.1568	13.6826	1
cg16493531	0.0627174	8.93061	8.93061	0.00470623	50.7452	50.7452	0.0148498	22.9404	22.9404	0.0656745	8.6669	8.6669	3.88597	67.2689	15.3873	1
cg13804182	0.0701746	7.41296	7.41296	0.00370096	48.4917	48.4917	0.0269091	13.3761	13.3761	0.0590092	8.24785	8.24785	3.71687	57.6471	13.7863	1
cg10916998	0.131163	4.60163	4.60163	0.00552587	30.4243	30.4243	0.0237038	12.5408	12.5408	0.0593986	7.33795	7.33795	3.40428	47.2919	12.3484	1
cg17429730	0.160516	0.690833	-1.44753	0.0199267	0.499983	-2.00007	0.536658	1.16691	1.16691	0.0840193	0.623961	-1.60266	12.9585	12.4919	0.856884	1
cg04266864	0.967208	0.996827	-1.00318	1.08E-05	0.484243	-2.06508	0.298104	0.920003	-1.08695	0.0164078	1.25449	1.25449	12.7375	1.20553	0.0841283	1
cg08810238	0.289292	0.75654	-1.32181	0.0575305	1.7243	1.7243	0.0226219	0.500384	-1.99847	0.283105	0.753608	-1.32695	5.74345	5.8524	0.90575	1
cg00021030	0.0710065	0.385805	-2.59198	0.0312751	0.303257	-3.29754	0.120871	0.4519	-2.21288	0.388393	0.658736	-1.51806	3.43339	12.1249	3.13909	1
cg17676132	0.00297498	0.294783	-3.39232	0.000425348	0.1878	-5.32481	0.0901082	1.75032	1.75032	0.00100792	0.231653	-4.3168	20.5974	29.2991	1.26441	1
cg09375205	0.442303	0.819055	-1.22092	0.0488471	0.563741	-1.77386	0.937712	1.02011	1.02011	0.271158	1.33895	1.33895	8.86338	9.11285	0.913908	1
cg01256440	0.284067	1.2141	1.2141	0.955571	1.00976	1.00976	0.00695029	1.83824	1.83824	0.00866184	0.558018	-1.79206	7.90753	3.80598	0.427832	1
cg04740931	0.658348	0.933339	-1.07142	0.000275919	2.51703	2.51703	0.713201	1.0589	1.0589	0.747819	0.951222	-1.05128	5.56701	2.11878	0.338307	1
cg18093064	0.104205	0.525301	-1.90367	0.192939	0.606914	-1.64768	0.165957	1.70818	1.70818	0.982202	1.00812	1.00812	4.15684	8.64763	1.84919	1
cg05016508	0.208935	1.20445	1.20445	0.106984	1.28035	1.28035	0.833415	1.03002	1.03002	0.32088	0.86585	-1.15493	4.01615	1.25464	0.277687	1
cg05381290	0.915893	0.979489	-1.02094	0.00368643	2.15982	2.15982	0.213489	0.77337	-1.29304	0.313521	1.22691	1.22691	13.3383	8.13063	0.541841	1
cg02165099	0.262846	0.806866	-1.23936	2.69E-05	0.217767	-4.59207	0.213357	0.785929	-1.27238	0.016144	1.71783	1.71783	11.2617	6.02734	0.47574	1
cg13594869	0.803415	1.04693	1.04693	0.0621169	1.47139	1.47139	0.0631129	1.46872	1.46872	0.0106501	0.554061	-1.80486	8.82802	4.7278	0.47604	1
cg14125604	0.118694	0.776992	-1.28701	0.134418	1.27184	1.27184	0.0505813	1.39363	1.39363	0.936118	1.01201	1.01201	8.41285	2.95729	0.312463	1
cg16324934	0.208492	1.19664	1.19664	0.000192313	2.34008	2.34008	0.356874	0.879598	-1.13688	0.00883881	0.636833	-1.57027	8.11226	2.35495	0.25804	1
cg04435483	0.777831	0.926524	-1.0793	0.0556442	1.79514	1.79514	0.0512339	0.549405	-1.82015	0.537506	0.844982	-1.18346	7.60504	8.76709	1.02471	1
cg05295297	0.103027	0.762787	-1.31098	0.734695	0.949669	-1.053	0.531621	0.908284	-1.10098	0.0543387	1.39304	1.39304	6.97928	2.54786	0.324498	1
cg01919632	0.254985	0.88708	-1.12729	0.00833695	1.40482	1.40482	0.0120916	1.37086	1.37086	0.0774709	1.21879	1.21879	6.13738	0.987977	0.143091	1
cg19622874	0.378213	1.18183	1.18183	0.0288692	0.621179	-1.60984	0.0132141	1.76395	1.76395	0.000982584	2.47293	2.47293	6.04328	3.26791	0.480668	1
cg21571339	0.157447	0.575787	-1.73675	0.000793793	0.157131	-6.3641	0.909834	1.04223	1.04223	0.780682	1.1073	1.1073	4.87999	10.3054	1.87713	1
cg18919660	0.0698463	0.472841	-2.11488	0.00392407	0.238335	-4.19578	0.768039	0.896484	-1.11547	0.13776	0.554047	-1.8049	4.05275	8.76184	1.92173	1
cg04862347	0.389285	1.29045	1.29045	0.243084	1.42339	1.42339	0.0146063	2.38488	2.38488	0.13067	1.60279	1.60279	3.74962	4.9606	1.17596	1
cg01485627	0.846458	0.970218	-1.0307	0.00177578	2.00173	2.00173	0.685459	0.93847	-1.06556	0.575448	1.09226	1.09226	3.74443	1.44245	0.342422	1
cg18386876	0.241762	0.584303	-1.71144	0.453484	1.39778	1.39778	0.17827	0.534062	-1.87244	0.142811	0.501213	-1.99516	3.45215	9.34676	2.70752	1
cg17410236	?	?	?	0.937762	0.955512	-1.04656	?	?	?	0.26633	1.98377	1.98377	5.07539	17.3294	3.41439	1
cg17696268	0.0124663	0.364444	-2.7439	0.00727799	0.325031	-3.07663	0.0108483	0.353944	-2.8253	0.0190485	0.397946	-2.5129	6.84425	11.4254	1.48386	1
cg17752684	0.154259	0.868043	-1.15202	0.809101	1.02271	1.02271	0.422227	1.07904	1.07904	0.173077	0.874128	-1.144	4.91988	0.670935	0.12122	1
cg01642503	0.667341	0.930445	-1.07475	0.153168	0.774887	-1.29051	0.967506	1.00681	1.00681	0.214875	1.24319	1.24319	4.51149	1.98624	0.391344	1
cg26833784	0.0145119	0.342298	-2.92143	0.13051	0.559136	-1.78847	0.0360707	0.419823	-2.38196	0.0169437	0.354564	-2.82037	7.60938	15.2742	1.78425	1
cg17984935	0.0080818	0.452861	-2.20818	0.739863	1.08093	1.08093	0.0868641	0.643009	-1.55519	0.301634	0.778863	-1.28392	6.55223	5.65954	0.767784	1
cg27423357	0.497066	0.736522	-1.35773	0.000167468	0.058309	-17.15	0.00267209	0.158536	-6.3077	0.0315839	0.326927	-3.05879	10.0603	31.3449	2.76951	1
cg14241731	0.0207159	0.220415	-4.5369	0.00674372	0.148501	-6.73398	0.0110257	0.177055	-5.64795	0.147257	0.429804	-2.32664	5.12373	23.9237	4.1504	1
cg25154733	0.463046	0.789875	-1.26602	0.40742	0.765211	-1.30683	0.451097	0.784691	-1.27439	0.0875258	0.551221	-1.81416	3.61662	5.71178	1.40384	1
cg06272611	0.506094	0.934078	-1.07057	0.326188	0.902611	-1.1079	8.07E-08	6.02444	6.02444	0.00610591	1.43588	1.43588	44.7349	7.23879	0.143836	1
cg13800491	0.00163798	0.181333	-5.51473	4.55E-05	0.0539985	-18.519	0.00022907	0.0985485	-10.1473	0.00408393	0.232471	-4.3016	16.249	36.8851	2.01777	1
cg02188358	0.000187904	4.13128	4.13128	0.0109861	2.05113	2.05113	4.96E-05	5.55738	5.55738	0.0261478	1.81136	1.81136	12.6781	10.1775	0.713563	1
cg09887007	0.421563	0.794898	-1.25802	0.897221	0.964514	-1.03679	1.60E-05	12.0446	12.0446	0.466273	1.23033	1.23033	10.0231	12.408	1.10039	1
cg01899253	0.105164	0.597106	-1.67475	0.000308301	0.181615	-5.50614	0.696068	1.12113	1.12113	0.157037	1.55392	1.55392	9.0719	12.1876	1.19417	1
cg00887295	0.106207	0.598912	-1.66969	0.00337192	0.31392	-3.18553	0.122716	1.62572	1.62572	0.128326	0.620244	-1.61227	8.42574	11.2666	1.18859	1
cg10667166	0.0804495	0.603207	-1.65781	0.719257	1.09867	1.09867	0.321101	1.30636	1.30636	0.474802	0.82739	-1.20862	5.79374	6.23642	0.956806	1
cg15978017	0.836862	0.947606	-1.05529	0.983836	1.0053	1.0053	0.0754099	0.596506	-1.67643	0.25543	0.733519	-1.36329	5.70755	6.15865	0.959142	1
cg18662080	0.237566	0.592245	-1.68849	0.00226356	0.163872	-6.10233	0.00597194	0.218351	-4.57978	0.144456	0.514945	-1.94196	4.81813	13.678	2.52343	1
cg19402236	0.0832125	0.457021	-2.18808	0.0397943	0.378922	-2.63907	0.8736	0.937066	-1.06716	0.0177234	0.308065	-3.24607	4.30953	11.3774	2.34672	1
cg24850711	0.42253	0.695191	-1.43845	0.00351637	0.172647	-5.79217	0.662351	0.822839	-1.2153	0.283616	0.609957	-1.63946	3.97859	12.4099	2.77259	1
cg19512693	0.792493	0.883003	-1.1325	0.128795	0.460855	-2.16988	0.992899	0.995809	-1.00421	0.0206926	0.268547	-3.72374	3.85319	13.5916	3.13543	1
cg22574825	0.723307	1.15713	1.15713	0.0128429	0.281236	-3.55573	8.82E-05	17.8917	17.8917	0.248627	1.64069	1.64069	11.0345	29.4569	2.37291	1
cg10501128	0.0896457	1.58642	1.58642	0.0737654	0.611662	-1.63489	0.116277	1.52339	1.52339	0.746817	1.08317	1.08317	3.79081	3.65182	0.856297	1
cg15613534	3.34E-05	0.134974	-7.40886	9.78E-06	0.0937657	-10.6649	0.038196	1.81829	1.81829	0.0232835	0.509232	-1.96374	26.4987	25.9957	0.872015	1
cg10763141	2.93E-05	0.263377	-3.79684	0.0755213	0.724628	-1.38002	0.461596	0.885135	-1.12977	0.0147868	0.613673	-1.62953	17.653	7.40989	0.373114	1
cg15456502	0.00240844	0.14442	-6.92425	0.000132496	0.0481121	-20.7848	0.246898	0.5745	-1.74064	0.041794	0.341608	-2.92733	11.6105	38.5328	2.95002	1
cg09400887	0.0528886	0.790023	-1.26579	0.00121471	0.602099	-1.66086	0.376892	0.907434	-1.10201	0.05049	0.787588	-1.2697	6.71606	1.22063	0.161553	1
cg07017374	0.0478904	1.81447	1.81447	0.00236532	0.327288	-3.05541	0.00201869	3.14966	3.14966	0.657005	0.888943	-1.12493	6.5108	7.15481	0.976812	1
cg14091954	0.264112	0.753071	-1.3279	0.211621	0.725713	-1.37795	0.55394	1.15704	1.15704	0.00218509	0.350967	-2.84927	5.94735	5.59107	0.835639	1
cg08055131	0.122795	2.61352	2.61352	0.0202767	4.99305	4.99305	0.0438504	3.78495	3.78495	0.314182	1.81859	1.81859	3.97298	20.7732	4.64766	1
cg15126273	0.173319	0.512773	-1.95018	0.00734046	0.19315	-5.17731	0.0268503	0.292308	-3.42105	0.0933364	0.42511	-2.35233	3.95487	12.784	2.51415	1
cg16936846	0.0969367	0.542051	-1.84485	0.66873	1.15567	1.15567	0.760837	0.902476	-1.10806	0.492592	0.79117	-1.26395	3.4266	6.13116	1.59047	1
cg14660839	0.326731	1.25778	1.25778	0.0223816	0.538026	-1.85865	0.0364132	1.73483	1.73483	0.0437984	1.69031	1.69031	4.27905	3.4774	0.722362	1
cg16891376	0.000419447	0.359428	-2.7822	0.000347282	0.348962	-2.86564	0.00439233	0.498599	-2.00562	0.00323706	0.479566	-2.08522	25.0975	13.3083	0.471344	1
cg21067745	0.0451933	0.367632	-2.72011	0.00182632	0.145314	-6.88167	0.00552414	0.204306	-4.89462	0.0424487	0.361455	-2.76659	8.6314	25.9255	2.66989	1
cg27338836	0.0120874	0.720931	-1.3871	5.23E-06	0.339158	-2.94848	0.0969047	0.826503	-1.20992	0.357358	1.10405	1.10405	22.8678	3.96063	0.153953	1
cg11583106	0.0224296	0.594957	-1.68079	0.000221521	0.311053	-3.21489	0.000156498	0.292722	-3.41621	0.437489	0.860388	-1.16227	11.4851	6.55663	0.507448	1
cg07795168	0.247178	0.58037	-1.72304	0.000542002	0.0890875	-11.2249	0.00135848	0.123535	-8.09488	0.148124	0.497777	-2.00893	10.762	34.4631	2.84649	1
cg11530408	0.436254	0.873706	-1.14455	1.95E-05	0.229318	-4.36077	0.0578634	0.694538	-1.43981	0.0463102	0.678399	-1.47406	9.80265	4.48602	0.406785	1
cg26555052	0.851758	0.860034	-1.16274	0.0385556	0.144919	-6.90039	0.0207805	0.106115	-9.42377	0.225901	0.358807	-2.78701	4.06247	41.7976	9.14553	1
cg02328545	0.234135	0.606304	-1.64934	0.0192723	0.321209	-3.11324	0.082136	0.461774	-2.16556	0.216982	0.593844	-1.68394	3.38833	8.63698	2.26581	1
cg25658276	2.43E-05	0.420947	-2.37559	3.80E-08	0.133586	-7.48583	0.000660783	0.584577	-1.71064	0.00252443	0.649446	-1.53977	109.269	18.3368	0.149168	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1221 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05976714	FLT4;FLT4	1.04E-05	0.775726	1.03799	1.03799	2.47E-07	0.26205	7.46205	0.163487	1.06773	1.064073	1.062669	1.062669	0.422373	1.11291	1.11291	0.702812	0.951192	-1.05131	0.194938	0.836136	-1.19598	6.12E-06	3.74981	3.74981	0.013017	1.49513	40.1938	10.8474	0.239891	1
cg03730027	FLT4;FLT4	2.57E-05	0.0054269	0.584616	-1.71053	0.08899186	0.614254	-1.62799	0.00263758	0.543034	-1.84151	0.037090	1.42637	1.42637	0.002774	0.417135	2.39731	0.00997437	0.620407	-1.61185	0.904	0.126926	-7.87859	0.009305511	0.482925	-2.07071	0.804349	1.03709	13.7208	10.8162	0.303025	1
cg02254898	FLT4;FLT4	6.72E-05	0.0884409	0.674711	-1.48212	0.0011335	0.366957	-2.72511	0.000397142	0.307175	-3.25547	0.0756889	0.661084	-1.51267	0.916839	0.978373	-1.0221	0.00587332	0.470146	-2.127	9.17E-07	0.0658489	-15.1853	0.359563	0.821033	-1.21798	0.756498	0.936963	-1.06728	24.6139	17.0822	0.616896	1
cg07682600	FLT4;FLT4	8.89E-05	0.641302	0.916117	-1.09156	0.8809317	0.972396	-1.02839	9.38E-07	11.2373	11.2373	0.926531	0.982927	-1.01737	0.586585	1.10798	1.10798	0.662842	0.923148	-1.08537	0.166001	0.758942	-1.31762	0.003424192	2.11645	2.11645	0.471548	1.14654	22.8503	12.6186	0.490868	1
cg07263853	FLT4;FLT4	0.358045	0.784974	-1.27393	0.090008	0.62145	0.26011	-1.61132	0.00150393	0.308863	-1.72723	0.709452	0.908581	-1.10062	0.041439	0.306423	-3.26346	0.00991252	0.280837	-3.56079	4.40E-06	0.06653	-15.0308	0.0963617	1.59626	1.59626	0.894817	0.966684	-1.03446	19.5057	20.2701	0.923725	1
cg08548070	FLT4;FLT4	0.000202104	0.105544	1.23869	1.23869	0.2853221	1.14378	1.14378	0.617987	0.940951	-1.06275	0.00787703	1.28092	1.28092	0.917902	1.01256	1.01256	0.00487704	1.57104	1.57104	6.36E-06	0.295641	-3.38512	0.0439541	1.32347	1.32347	0.0108072	0.678703	-1.4734	18.3191	4.25183	0.206309	1
cg08719563	FLT4;FLT4	0.000208647	0.00995569	1.8749	1.8749	0.000159452	0.287611	-3.47692	0.00786379	1.93192	1.93192	0.170246	1.32584	1.32584	0.00200519	2.32101	2.32101	0.01140088	0.542571	-1.84308	0.00536664	0.492633	-2.02991	0.001032292	2.55656	2.55656	0.0154544	1.77487	1.77487	18.1614	10.7254	0.52494	1
cg01660844	FLT4;FLT4	0.000296799	0.374309	0.807307	-1.24002	0.2014434	1.09811	1.09811	0.0199213	0.702843	-1.42312	0.188323	1.47374	1.47374	0.078155	0.621474	-1.60908	0.0159941	0.48832	-2.04794	8.45E-05	0.0992139	-10.5581	0.0728012	0.614822	-1.62649	0.0578717	0.593841	-1.68395	16.4885	15.4947	0.831576	1
cg02049845	FLT4;FLT4	0.000571149	0.126561	0.492344	-2.0311	0.001026885	0.8532	0.8532	0.0118931	0.67884	7.67084	0.818405	1.04512	0.70516	1.17984	1.17984	0.254066	0.60102	-1.66351	0.0024	0.0015	0.0001	-41.0053	8.98E-05	0.21765	0.21765	0.598166	1.25612	1.25612	13.7717	40.093	2.58778	1
cg06967124	FLT4;FLT4	0.000943573	0.0418729	0.67901	-1.47273	3.06E-05	0.260733	-3.83535	0.00396912	0.527609	-1.89534	0.678514	1.07122	1.07122	0.0368034	0.670078	-1.49236	0.289422	0.834008	-1.19903	0.00127198	0.460271	-2.17263	0.006523348	0.55796	-1.79224	0.705337	0.939219	-1.06471	11.9617	5.16195	0.38359	1
cg01832309	FLT4;FLT4	0.0011708	0.700286	0.49782	-2.00899	0.1139	1.12826	1.12826	0.0153966	0.784369	1.27386	0.0958228	1.20956	1.20956	0.0049419	1.25146	1.25146	0.419667	1.19071	1.19071	0.0016565	0.164746	6.07111	0.0001	9.99E-05	0.0001	9.99E-05	0.356959	-2.80126	1.17118	11.2506	2.65991	0.20535	1
cg17304222	FLT4;FLT4	0.0012195	0.566616	1.17849	1.17849	0.0259594	2.11583	0.453597	2.44229	0.723089	1.10614	0.318464	0.942524	-1.06098	0.902282	0.965773	-1.03544	0.848665	1.05558	1.16E-05	13.9351	0.931055	1.07208	0.955342	-1.04675	0.111293	14.157	1.13173	1
cg10424264	FLT4;FLT4	0.002780375	0.0694365	0.341535	-2.92717	0.0010221	0.183613	0.45455	0.00209441	0.129123	-7.73797	0.019489	0.224634	-4.45158	0.000322175	0.0490911	21.69962	0.001907	0.0988003	-10.124	0.00162082	0.0917031	-10.9048	0.0234652	4.34553	0.0025598	0.082826	-12.0755	9.07283	44.4266	3.93715	1
cg00866500	FLT4;FLT4	0.00227944	0.549822	0.829792	-1.20512	0.00417565	0.306179	-3.26607	0.363273	1.33391	1.33391	0.360552	1.33621	1.33621	0.274885	1.41949	1.41949	0.355433	0.745933	-1.3406	6.28E-05	0.109037	-9.70527	0.357486	1.33884	1.33884	0.155978	0.620429	-1.58074	9.28239	13.9752	1.33856	1
cg16441550	FLT4;FLT4	0.003610238	0.909749	0.978745	-1.02172	0.533991	0.872026	-1.12695	0.12112	0.77228	-1.37499	0.00227784	0.3133	-3.19183	0.488179	0.87509	-1.14274	0.00772498	0.45088	-2.21758	1.45088	0.00591846	1.97801	1.97801	0.406648	1.17449	1.17449	0.0688357	0.679904	-1.4708	8.09825	4.6039	0.505338	1
cg24536824	FLT4;FLT4	0.004982527	0.452059	-2.2121	0.0187764	0.544351	-1.83675	0.352657	0.00475	0.594225	1.68405	0.0134	1.39409	0.00391	1.66364	0.00313088	0.421946	-2.36997	0.00039403	0.299442	-3.33955	0.29085	1.26381	1.26381	0.597745	1.12046	1.12046	0.0672685	0.645315	-1.54963	8.0177	5.79344	0.642295	1
cg22187519	FLT4;FLT4	0.00439924	0.644205	0.90686	-1.10271	0.02303557	0.564764	-1.77065	0.00104994	0.360862	-2.77115	0.269355	0.785195	-1.27357	0.000334924	0.29636	-3.37428	0.291899	0.794612	-1.25848	0.00121	0.142529	1.42529	0.348179	0.960508	-1.04132	0.934666	0.982912	-1.01739	7.62993	5.34077	0.622201	1
cg07072463	FLT4;FLT4	0.00544544	0.929838	1.01396	1.01396	0.0143542	0.701184	-1.42647	0.00202996	0.394824	-2.53284	0.926099	1.04494	1.04494	0.252979	0.828539	-1.20694	0.188923	1.23832	1.23832	0.153571	1.2702	1.2702	0.6459447	1.41964	1.41964	0.218379	0.815571	-1.22614	7.464	2.80764	0.349076	1
cg19656633	FLT4;FLT4	0.00566441	0.0311885	0.549749	-1.82046	0.0588564	0.500895	-1.99643	0.0244452	0.582065	-2.64736	0.0540434	0.449554	-2.22442	0.00132292	0.302763	-3.30715	0.00542349	0.262408	-3.81086	0.000619025	0.145695	-6.86365	0.00172761	0.195072	-5.12632	0.0466598	0.434597	-2.30098	7.07025	14.9677	1.88178	1
cg24576804	FLT4;FLT4	0.00586684	0.00023765	0.265342	-3.76872	0.676088	1.0959	1.0959	0.00312001	0.418364	-2.39026	0.0103032	0.494342	-2.02289	0.0348023	0.584978	-1.70947	0.386674	0.824157	-1.21336	0.146198	0.711799	-1.40489	0.285926	0.785425	-1.2732	0.375156	0.820063	-1.21942	6.98737	5.25631	0.668675	1
cg01048890	FLT4;FLT4	0.00640798	0.191794	0.780665	-1.28102	0.0558139	0.619322	-1.6415	0.00153566	0.463534	0.848189	-2.2312	0.193676	0.707924	-1.41255	0.0018358	2.43413	0.095546	0.466844	-2.14196	0.00038281	0.280663	-3.56063	0.090984	1.77237	1.77237	0.0926989	1.00194	0.79937	5.25854	0.687454	1
cg05941904	FLT4;FLT4	0.00765792	0.0291364	0.484704	-2.06312	0.00472355	0.212879	-4.69751	0.00352745	0.328149	-3.04739	0.122434	0.623969	-1.60264	0.0161678	0.436568	2.29059	0.339304	0.757732	-1.31973	0.142406	0.641351	-1.55921	0.0113102	0.409217	-2.44369	0.0427557	0.518426	-1.92891	6.43186	8.08263	1.11703	1
cg17035847	FLT4;FLT4	0.00913164	0.0821706	0.54911	-1.82103	0.0154662	0.322926	-3.09726	0.2283	0.825164	1.44999	0.15173	0.818924	1.22157	0.162453	0.598702	1.67234	0.0998202	0.424176	-2.35776	0.0012234	0.154824	-6.45611	0.0002215	0.0240612	0.235543	-4.24553	0.0012598	0.082836	-12.0755	9.07283	44.4266	3.93715	1
cg08866500	FLT4;FLT4	0.00164164	0.929032	1.07596	1.07596	0.0143542	0.701184	-1.42647	0.00202996	0.394824	-2.53284	0.926099	1.04494	1.04494	0.252979	0.828539	-1.20694	0.188923	1.23832	1.23832	0.153571	1.2702	1.2702	0.6459447	1.41964	1.41964	0.218379	0.815571	-1.22614	7.464	2.80764	0.349076	1
cg02593985	FLT4;FLT4	0.00568954	0.641415	0.760746	-1.31447	0.00476114	0.58967	1.69867	0.0244	0.70282	1.40248	0.182063	1.24736	0.0104324	0.449554	2.22442	-3.02763	0.00542349	0.262408	-3.81086	0.000619025	0.145695	-6.86365	0.00172761	0.195072	-5.12632	0.0466598	0.434597	-2.30098	7.07025	14.9677	1.88178	1
cg02610106	FLT4;FLT4	0.00572078	0.0128629	0.28465	-3.51309	0.134011	0.518215	-1.9297	0.112389	0.495058	-2.01997	0.318198	1.50261	1.50261	0.0488058	0.400402	-2.49749	0.3366374	0.824157	-1.21336	0.146198	0.711799	-1.40489	0.285926	0.785425	-1.2732	0.375156	0.820063	-1.21942	6.98737	5.25631	0.668675	1
cg03715413	FLT4;FLT4	0.00576454	0.0178854	0.32552	-3.07151	0.0458137	0.227207	-4.40555	0.00153566	0.463534	0.848189	-2.2312	0.193676	0.707924	-1.41255	0.0018358	2.43413	0.0591546	0.466844	-2.14196	0.00038281	0.280663	-3.56063	0.090984	1.77237	1.77237	0.0926989	1.00194	0.79937	5.25854	0.687454	1
cg00619978	FLT4;FLT4	0.00318881	0.595907	1.09935	1.09935	0.00144593	0.44727	-2.25851	0.111797	0.736035	-1.35863	0.675764	1.07728	1.07728	0.192797	0.783542	-1.27626	0.0724273	0.703263	-1.42194	0.457004	1.14321	1.14321	0.124356	0.744922	-1.34242	0.376404	1.17427	1.17427	1.99844	1.98338	0.440923	1
cg20746634	FLT4;FLT4	0.00358358	0.0164766	0.284152	-3.51908	0.0189357	0.184603	-5.41415	0.00153566	0.463534	0.848189	-2.2312	0.193676	0.707924	-1.41255	0.0018358	2.43413	0.0074004	0.194358	-5.14453	0.00127561	0.126788	-7.88242	0.0001	9.99E-05	0.0001	9.99E-05	0.356959	-2.80126	1.17118	11.2506	2.65991	0.20535	1
cg23490555	FLT4;FLT4	0.0364738	0.723716	1.13344	1.13344	0.0218883	0.378845	-2.6396	0.305456	0.687647	-1.45423	0.126656	0.558182	-1.79153	0.00920876	0.313383	3.21148	0.263243	0.662592	-1.50922	0.00379938	0.252157	-3.96579	0.104087	0.534129	-1.87221	0.139109	0.570175	-1.75385	5.80968	7.54128	1.75326	1
cg24096745	FLT4;FLT4	0.043383	0.83589	0.907376	-1.10208	0.176668	0.95668	1.05668	0.344045	0.57888	0.467816	0.141631	0.441363	0.085514	0.410438	-2.43642	0.804551	1.123104	0.889548	0.0306523	0.0016044	0.0196498	-4.35626	0.035534	0.780614	-1.28105	0.0059599	0.237832	-4.20465	5.84238	15.6102	2.19366	1
cg22703420	FLT5;FLVCR1;Q6R1;LQK1	4.03E-05	3.02E-07	0.0643964	-15.5288	0.743297	1.06193	1.06193	0.125127	0.738216	-1.35462	0.797568	1.04812	1.04812	0.252493	0.803681	-1.24427	0.593874	0.906278	-1.10341	0.300987	0.820049	-1.21647	0.711669	1.07024	1.07024	0.0134852	0.571653	-1.74931	28.1832	14.926	0.470654	1
cg07775974	FLT5;FLVCR1;Q6R1;LQK1	0.00775974	0.622165	0.896612	-1.11539	0.283435	0.92594	1.08594	0.0003637	0.43585	0.913133	0.13322	1.31322	0.174421	1.37357	1.37357	1.60908	0.815834	1.12474	0.0914004	0.0003533	0.0210594	-4.75566	0.0001	9.99E-05	0.0001	9.99E-05	0.356959	-2.80126	1.17118	11.2506	2.65991	0.20535	1
cg01313622	FLT5;FLVCR1;Q6R1;LQK1	0.0260005	0.00311991	0.630887	-1.58507	0.0166624	0.717622	-1.39349	0.145551	0.838474	-1.19492	0.004525	0.763615	-1.30956	0.216502	0.86226	-1.15974	0.424221	0.911191	-1.09746	0.0398623	0.762821	-1.31092	0.022004	0.731216	-1.36758	0.385074	1.10681	1.10681	4.29804	0.883395	0.182812	1
cg18923803	FLVCR1;LQK1;LQK1	0.0156146	0.125099	1.15727	1.15727	0.00373199	1.41169	1.41169	0.0082542	1.34611	1.34611	0.729126	1.03106	1.03106	0.357121	1.0869	1.0869	0.125756	0.864357	-1.15693	0.0609511	0.83042	-1.20421	0.0453111	1.22388	1.22388	0.259248	1.10911	1.10911	5.11204	0.626746	0.108979	1
cg12777953	FLVCR2	0.00165109	0.0258302	0.896612	-1.11539	0.283435	0.92594	1.08594	0.0003637	0.43585	0.913133	0.13322	1.31322	0.174421	1.37357	1.37357	1.60908	0.815834	1.12474	0.0914004	0.0003533	0.0210594	-4.75566	0.0001	9.99E-05	0.0001	9.99E-05	0.356959	-2.80126	1.17118	11.2506	2.65991	0.20535	1
cg04872848	FLVCR2	0.00710488	0.0389123	2.8675	2.28675	0.886673	0.76264	0.317622	-1.39349	0.145551	0.838474	-1.19492	0.004525	0.763615	-1.30956	0.216502	0.86226	0.301862	1.44782	1.44782	0.0130143	0.197846	-5.05443	0.0381686	2.32791	2.32791	0.541776	2.23823	1.23823	6.5845	12.4821	1.68505	1
cg19646759	FLVCR2	0.0247742	0.629525	0.9163	-1.09127	0.5243	0.85403	1.17403	0.0001	0.26526	1.68405	0.0134	1.39409	0.00391	1.66364	0.00313088	0.421946	-2.36997	0.00039403	0.299442	-3.33955	0.29085	1.26381	1.26381	0.597745	1.12046	1.12046	0.0672685	0.645315	-1.54963	8.0177	5.79344	0.642295	1
cg00548625	FLVCR2	0.0286523	0.370934	0.851649	-1.17419	0.587398	0.908683	-1.10049	0.0626232	0.693358	-1.44226	0.111001	0.738246	-1.35456	0.810157	1.04296	1.04296	0.175881	0.777597	-1.28601	0.000602844	0.396668	-2.521	0.648594	1.0835	1.0835	0.904288	0.979194	-1.02125	4.1539	2.00983	0.43008	1
cg12777953	FLVCR2	0.0258328	0.0659899	1.37927	1.37927	0.0102126	1.91168	1.91168	0.0017942	0.838369	-1.19209	0.062155	1.28279	1.28279	0.414275	0.81616	1.16316	0.0264924	1.52581	1.52581	0.0014097	0.174774	5.72407	0.0001	9.99E-05	0.0001	9.99E-05	0.356959	-2.80126	1.17118	11.2506	2.65991	0.20535	1
cg27548741	FLYWCH1	0.00937806	0.062238	0.429438	-2.32801	0.832292	0.978154	-1.08914	0.0706611	0.482401	-2.06039	0.894555	1.03888	1.03888	0.0458973	0.361218	-2.76812	0.0042	0.597285	0.125034	0.000534001	0.114133	8.76172	0.0244815	0.613056	-1.63081	0.0196456	0.614477	-2.36109	0.63296	15.4926	2.28266	1
cg04676112	FLYWCH1	0.00978978	0.0793042	0.535718	-1.86665	0.605098	1.18191	1.18191	0.309028	0.713676	-1.4012	0.0572402	0.501964	-1.99218	0.000415757	0.166262	-6.0146	0.00390667	0.288039	-3.47175	0.177301	0.613644	-1.58317	0.182027	0.635171	-1.57438	0.0373219	0.461005	-2.16917	5.95089	9.67587	1.44529	1
cg08872491	FLYWCH1	0.00102115	0.0193427	0.293457	-3.40773	0.0145325	0.172207	-5.80737	0.0029792	0.75283	-1.32896	0.0751855	0.547807	-1.82577	0.000147394	0.0592103	-16.9002	0.0016	0.16246	-6.15335	0.0001	0.02199	-45.4722	0.0001	9.99E-05	0.0001	9.99E-05	0.356959	-2.80126	1.17118	11.2506	2.65991	0.20535	1
cg27223661	FLYWCH1;FLYWCH1	3.70E-05	2.24E-05	0.521785	-1.91615	0.721885	1.02772	1.02772	0.0838812	0.86386	-1.1576	1.08E-06	0.377628	-2.64811	0.290256	0.919457	1.0876	0.0031058	0.772512	-1.29448	0.195953	1.11029	1.11029	0.0471273	0.840458	-1.18983	0.00142537	0.702559	-1.42337	28.824	2.67206	0.0824023	1
cg00386074	FLYWCH1;FLYWCH1	0.00438358	0.244168	0.567329	-1.76268	0.316145	0.707914	-1.4133	0.0496599	0.472634	-2.1158	0.145991	0.750154	-1.33317	0.0108384	0.153427	6.51648	0.0669271	0.697005	0.144025	0.0001	0.0001	-1.0906	0.114025	0.795265	-1.25703	0.0202913	-1.44346	0.00001	0.82981	0.805636	0.0135199	0.74019	1
cg27042294	FLYWCH1;FLYWCH1	0.000469793	0.0841158	0.758059	-1.31916	0.0482743	1.34431	1.34431	0.0127603	0.274468	-3.64342	0.852578	1.03733	1.03733	0.0277648	0.685906	-1.45793	0.0152151	1.54028	1.54028	0.0419882	0.135608	-7.37368	0.504873	1.03085	1.03085	0.0333723	0.59	-1.41386	14.5395	4.83751	0.295747	1
cg00994587	FLYWCH1;FLYWCH1	0.000479811	0.441193	0.855614	-1.16875	0.0770647	0.985135	0.0318663	0.449512	-2.22463	0.195163	0.761819	-1.31265	0.554-05	0.216333	0.6225	0.231798	1.28274	1.28274	0.0065694	0.346582	-2.88532	0.445319	1.16705	1.16705	0.835726	0.959612	-1.04209	14.4548	9.02448	0.554956	1
cg26906639	FLYWCH1;FLYWCH1	0.00114569	0.0115469	0.19744	-5.06233	0.0125975	0.162626	1.0025	0.0053476	0.699	1.88971	0.129701	0.744502	-1.34339	0.0129312	0.148468	6.73577	0.0027232	0.413487	0.0001	0.0001	0.0001	-1.0909	0.114025	0.795265	-1.25703	0.0202913	-1.44346	0.00001	0.82981	0.805636	0.0135199	0.74019	1
cg09497752	FLYWCH1;FLYWCH1	0.00111837	0.924567	1.0247	1.0247	0.000305615	0.220626	-4.53256	0.00637416	0.400571	-2.49644	0.63216	0.883133	-1.13233	0.00138257	0.302702	-3.30358	0.0671392	1.6968	1.6968	0.00890565	2.35754	2.35754	0.0548795	1.75252	1.75252	0.630452	1.13305	1.13305	1.3384	11.9877	0.934841	1
cg02154414	FLYWCH1;FLYWCH1	0.00167171	0.606571	1.11889	1.11889	0.000637007	1.43585	1.43585	0.00521888	2.21687	2.21687	0.29295	1.29578	1.29578	0.595435	0.890685	-1.12273	0.254669	0.773434	-1.29294	0.162272	0.699893	-1.42878	0.0001117	4.93726	4.93726	0.834417	1.04625	1.04625	15.3643	8.39837	0.650901	1
cg07474076	FLYWCH1;FLYWCH1	0.00516702	0.631015	1.10265	1.10265	0.000341744	0.312043	-3.20468	0.190203	0.76	-1.31526	0.661945	0.914993	-1.0929	0.873331	0.967799	-1.03327	0.844136	1.04136	1.04136	0.0230483	0.236281	2.36281	0.204231	0.762966	-1.31068	0.274911	0.795028	1.25782	1.26528	0.166496	0.574013	1
cg01954388	FLYWCH1;FLYWCH1	0.00563301	0.6372	1.07627	1.07627	0.583619	1.08992	1.08992	0.58699	0.918644	-1.08856	0.616499	0.924851	-1.08126	0.00543789	0.56787	-1.76097	0.0809956	0.598195	-1.67169	0.000704044	2.22329	2.22329	0.531276	1.10309	1.10309	0.227245	0.821912	-1.21668	7.07541	2.68229	0.336978	1
cg16122511	FLYWCH1;FLYWCH1	0.00153238	0.0659899	1.37927	1.37927	0.0102126	1.91168	1.91168	0.0017942	0.838369	-1.19209	0.062155	1.28279	1.28279	0.414275	0.81616	1.16316	0.0264924	1.52581	1.52581	0.0014097	0.174774	5.72407	0.0001	9.99E-05	0.0001	9.99E-05	0.356959	-2.80126	1.17118	11.2506	2.65991	0.20535	1
cg03435287	FLYWCH1;FLYWCH1	0.0143015	0.426008	0.870594	-1.14864	0.0523128	0.45682	1.45682	0.0704215	1.41162	1.41162	0.495756	1.12515	1.12515	0.573588	1.10172	1.10172	0.0945065	1.36799	1.36799	0.00038187	2.63004	2.63004	0.0396615	1.50016	1.50016	0.0957284	1.36611	1.36611	5.26287	2.42263	0.409178	1
cg08118267	FLYWCH1;FLYWCH1	0.0156336	0.0474712	0.716284	-1.39599	0.0966	0.767	1.4702	0.0001	0.26526	1.68405	0.0134	1.39409	0.00391	1.66364	0.00313088	0.421946	-2.36997	0.00039403	0.299442	-3.33955	0.29085	1.26381	1.26381	0.597745	1.12046	1.12046	0.0672685	0.645315	-1.54963	8.0177	5.79344	0.642295	1
cg04915494	FLYWCH1;FLYWCH1	0.0394909	0.656921	1.08063	-1.18958	0.00183145	0.58042	1.58042	0.137164	1.86221	1.86221	0.0545135	2.33296	2.33296	0.790031	1.1092	1.1092	0.922172	0.962761	-1.03868	0.607715	0.817848	-1.22272	0.317369	0.669388	-1.4939	0.295316	0.656083	1.5242	3.70054	0.838494	2.12316	1
cg27013478	FLYWCH1;FLYWCH1	0.0450873	0.64046	1.18126	1.18126	0.059771	2.12175	2.12175	0.272866	1.498	1.498	0.213676	0.645295	-1.54968	0.704988	0.873981	-1.14419	0.200736	0.619671	-1.61376	0.0215985	0.376444	-2.65644	0.0208182	2.67778	2.67778	0.188297	0.60138	-1.63832	5.32297	6.99728	1.7655	1
cg08228802	FLYWCH1;FLYWCH1	0.0475572	0.437818	0.8115	-1.23236	0.0855	0.61056	1.61056	0.0154	0.2003331	1.34496	0.0931	1.34496	0.0931	1.34496	0.0931	1.34496	0.0507056	0.554456	0.8083	0.813017	0.47602	1.07942	0.0934411	1.18416	1.18416	0.633891	1.858615	1.85861	5.64641	1.68874	0.354641	1
cg05910850	FLYWCH2;FLYWCH2	3.33E-05	0.00903959	0.717509	-1.39371	0.0424748	1.26331	1.26331	0.0197155	1.32546	1.32546	0.829295	0.978629	-1.02184	2.17E-05	0.425612	-2.34956	0.00806686	0.698724	-1.43118	0.00254598	0.657777	-1.52027	8.77E-06	2.62572	2.62572	0.0476169	1.25437	1.25437	29.641	4.69844	0.140899	1
cg01576146	FLYWCH2;FLYWCH2	5.88E-05	0.0818239	0.79642	-1.25557	0.0124402	0.343464	-2.91151	0.0052188	2.21687	2.21687	0.29295	1.29578	1.29578	0.595435	0.890685	-1.12273	1.43E-05	0.330924	0.0001	0.0001	0.0001	1.1746	0.433726	4.33726	4.33726	0.834417	1.04625	1.04625	15.3643	8.39837	0.650901	1
cg07474076	FLYWCH2;FLYWCH2	0.00516702	0.631015	1.10265	1.10265	0.000341744	0.312043	-3.20468	0.190203	0.76	-1.31526	0.661945	0.914993	-1.0929	0.873331	0.967799	-1.03327	0.844136	1.04136	1.04136	0.0230483	0.236281	2.36

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00700214	FMO2	0.00596048	0.00236019	0.160503	-6.23042	0.0021806	0.156577	-6.38664	0.0118477	0.257919	-3.87719	0.66736	1.205	1.205	0.00233229	0.159908	-6.25359	0.0701178	0.417574	-2.39478	0.120828	0.484046	-2.06592	0.839887	1.09117	1.09117	0.0211145	0.302392	-3.30696	6.95333	20.4849	2.61872	1
cg25778166	FMO3;FMO3	0.0043355	0.627746	0.874709	-1.14324	0.132302	0.640843	-1.56044	0.0287394	0.493274	-2.02727	0.0235631	0.476741	-2.09757	0.000121213	0.158939	-6.29173	0.00477559	0.358354	-2.79053	0.0578237	0.555678	-1.7996	0.0767263	0.583151	-1.71482	0.018785	0.45843	-2.18136	7.66374	9.10934	1.05656	1
cg16599143	FMO3;FMO3	0.0106705	0.0328953	0.207184	-4.82664	0.283819	0.495383	-2.01864	0.0238661	0.182546	-5.47808	0.0245332	0.18455	-5.41859	0.00413893	0.0884537	-11.3054	0.186427	0.413292	-2.41959	0.00101913	0.046277	-21.609	0.409822	0.587584	-1.70188	0.00902324	0.123186	-8.11783	5.7889	36.4862	5.60248	1
cg26794028	FMO3;FMO3;FMO3;FMO3	0.0167004	0.080184	0.380529	-2.62792	0.435331	0.672886	-1.48614	0.0328841	0.288751	-3.46319	0.0895017	0.393806	-2.53932	0.00318186	0.134639	-7.42727	0.00839287	0.187111	-5.34443	0.00910958	0.192202	-5.20287	0.0326145	0.288015	-3.47205	0.0128835	0.21502	-4.65073	4.99911	19.6171	3.48811	1
cg18063149	FMO3;FMO3;FMO3;FMO3	0.0376151	0.136298	0.611028	-1.63658	0.155534	0.627262	-1.59423	0.0298478	0.456384	-2.19114	0.0619504	0.524624	-1.90613	0.00655993	0.338358	-2.95545	0.0183643	0.415553	-2.40643	0.0219803	0.430292	-2.324	0.22173	0.674244	-1.48314	0.0241238	0.43809	-2.28264	3.76713	5.61943	1.32596	1
cg17513565	FMO4	0.00042833	0.044087	0.608171	-1.64427	0.00876462	0.487854	-2.0498	0.016294	0.531801	-1.8804	0.000381948	0.295421	-3.385	0.000181061	0.256159	-3.90382	0.000312723	0.28465	-3.51309	0.0761942	0.654325	-1.52829	0.0453431	0.610456	-1.63812	6.90E-05	0.209397	-4.77562	14.9158	10.9181	0.650648	1
cg14981176	FMO4	0.000986366	0.000968367	0.387846	-2.57834	0.222425	0.780925	-1.28053	0.0762676	0.683609	-1.46282	0.150898	0.743143	-1.34564	7.83E-05	0.25212	-3.96636	0.312929	1.22298	1.22298	0.739289	0.937621	-1.06653	0.00037188	0.333459	-2.99887	0.036892	0.626595	-1.59593	11.8124	6.95778	0.523576	1
cg20168514	FMO4	0.006046	0.0128379	0.307381	-3.25329	0.00141492	0.171417	-5.83372	0.0107416	0.294133	-3.39983	0.771386	0.894739	-1.11764	0.000798682	0.144724	-6.90973	0.0153861	0.321319	-3.11218	0.0308615	0.379922	-2.63212	0.195863	0.593233	-1.68568	0.104101	0.50745	-1.97064	6.92281	15.9787	2.05167	1
cg04402078	FMO4;TOP1P1	1.93E-05	8.95E-05	0.257836	-3.87843	0.542486	0.88764	-1.12658	0.000205129	0.300403	-3.32886	0.124271	0.724866	-1.37957	2.46E-06	0.10993	-9.09666	0.214064	0.776543	-1.28776	3.60E-05	0.214421	-4.66372	0.000694954	0.367724	-2.71943	9.56E-06	0.158174	-6.32216	34.2082	20.2492	0.52617	1
cg27397236	FMO4;TOP1P1	0.000427772	0.000746418	0.27408	-3.64857	0.00103335	0.292463	-3.41924	0.0670198	0.594961	-1.68078	0.000240904	0.215098	-4.64904	0.00361255	0.369233	-2.70832	0.000250809	0.217068	-4.60685	0.000141683	0.190065	-5.26136	0.465267	0.828646	-1.20679	0.232155	0.728377	-1.37292	14.9212	15.1183	0.900627	1
cg20812591	FMO5;FMO5;FMO5	0.000254229	0.129691	0.777417	-1.28631	7.18E-05	0.328773	-3.04161	0.000483001	0.430926	-2.32058	0.0133435	1.6023	1.6023	0.750108	0.952043	-1.05037	0.243229	1.2066	1.2066	0.00273184	1.88932	1.88932	0.00108435	0.476243	-2.09977	0.0673721	0.72961	-1.3706	17.2111	6.44786	0.333008	1
cg15098255	FMO5;FMO5;FMO5	0.00102972	0.187771	0.834874	-1.19779	0.000587495	1.98715	1.98715	0.000805401	0.520083	-1.92277	0.583032	1.07431	1.07431	0.00059746	1.98361	1.98361	0.724242	1.04686	1.04686	0.0405443	1.35771	1.35771	0.20225	1.19014	1.19014	0.0919909	1.27102	1.27102	11.6692	3.08928	0.235323	1
cg10242825	FMO5;FMO5;FMO5	0.0476939	0.0155689	0.548235	-1.82404	0.481251	0.864978	-1.1561	0.529034	0.878785	-1.13793	0.515931	0.875058	-1.14278	0.00902706	0.510415	-1.95919	0.0694313	0.662651	-1.50909	0.00611338	0.484307	-2.0648	0.365041	0.828133	-1.20754	0.707501	0.926471	-1.07937	3.44929	2.24275	0.577961	1

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Stirling Yadavilli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart Brun, Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. 247 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg14735551	FNIP1;FNIP1	0.0467533	0.288551	1.29181	0.28529	1.29423	0.2963	0.263448	1.83117	1.33117	0.0605717	1.63514	1.63514	1.353771	1.24822	1.24822	0.82815	1.05182	1.05182	0.988663	0.996704	1.00331	0.00255278	2.27221	2.27221	0.0037135	2.48671	3.42076	2.92597	0.760318	1
cg13702235	FNIP2	0.00187701	0.195726	0.748286	-1.33639	0.00245357	0.409432	-2.44241	0.715383	0.925327	-1.0807	0.603127	1.11757	1.11757	0.0003567	1.06796	0.298243	3.35298	0.256005	0.777804	-1.2857	0.000546249	0.320363	-3.12142	0.0634407	1.5563	1.5563	0.0447638	0.613722	-1.62941	0.82161	0.698601	0.632258	1
cg00245454	FNIP2	0.00606067	0.202538	0.724643	-1.37961	0.016275	2.01931	2.01931	0.625603	1.12481	1.12481	0.0451394	1.73287	1.73287	0.0187178	0.505855	-1.97685		0.896909	0.969471	-1.03149	0.497634	0.848155	-1.17903	0.0005496	3.60931	3.60931	0.9038112	1.02934	1.02934	6.735525	6.10261	0.805396	1
cg11668573	FNIP2	0.01216122	0.164704	0.736051	-1.35741	0.574104	0.889945	-1.12417	0.488789	1.15601	1.15601	0.3890482	1.19958	1.19958	0.1998445	1.32208	1.32208		0.204621	1.31777	1.31777	0.00101019	2.73375	2.73375	0.0770207	1.49981	1.49981	0.8288004	1.04565	1.04565	3.98666	2.68336	0.598298	1
cg22441846	FNIP2	0.0387075	0.911449	1.02127	1.00732255	0.519952	-1.92326	0.0268828	0.609052	-1.6419	0.420374	1.1685	1.1685	0.215558	1.27962	1.27962	0.171725	1.31681	0.374332	1.45663	0.567642	0.896486	-1.11547	0.341872	0.8380897	-1.20352	1.72787	2.11251	0.503717	1
cg18095824	FNIP2	0.0442421	0.610407	0.813442	-1.23934	0.147588	1.86706	1.86706	0.237516	1.6442	1.6442	0.0139751	2.70376	2.70376	0.0208302	1.027	-3.02581		0.450336	1.36218	1.36218	0.454697	1.35583	1.35583	0.0106518	3.63394	3.63394	0.938772	1.03135	1.03135	3.54799	0.97081	2.27329	1
cg16004202	FNIP2	0.048458	0.646541	0.930096	-1.07516	0.396733	1.14591	1.14591	0.147528	1.27622	1.27622	0.167451	1.25979	1.25979	0.00504138	0.558713	-1.78983		0.0527767	0.707851	-1.41273	0.482348	1.11859	1.11859	0.249507	1.20791	1.20791	0.974775	0.99505	-1.00497	3.42863	1.3376	0.346779	1
cg07294234	FNIP4;FNTA;FNTA	0.00298851	?	?	?	0.0402758	3.45096	3.45096	0.0039095	3.26061	3.26061	?	?	?	0.142624	2.09637	2.09637		0.303077	1.63017	1.63017	0.00104072	0.0715641	-13.9548	0.0040912	0.168741	-8.42171	0.186856	0.521506	-1.91753	17.7335	41.5004	1.61761	1
cg25442244	FNTA;FNTA;FNTA	0.00857191	0.0343306	0.526877	-1.89152	0.156082	0.675862	-1.47959	0.0070248	0.406644	-2.45915	0.403361	1.24705	1.24705	0.00038739	0.213119			0.0215909	0.490496	-2.03875	0.0076061	0.165708	0.635558	-1.57342	0.126808	0.652872	0.153369	0.207456	6.55329	0.93841	1
cg13250618	FNTA;FNTA;FNTA	0.0418446	0.0111771	0.419476	-2.38392	0.28979	0.740679	-1.35011	0.919728	0.972835	-1.02792	0.0475047	0.538301	-1.8577	0.0154432	0.444019	-2.25215		0.104091	0.615385	-1.625	0.346753	1.30306	1.30306	0.679318	1.12028	1.12028	0.0270023	0.488976	-2.04509	3.6223	4.2824	1.05087	1
cg20400718	FNTA;FNTA;FNTA	0.0413309	0.555724	0.84004	-1.19048	0.851952	0.946663	1.05634	0.2134825	0.682301	-1.46563	0.655268	0.881337	-1.13455	0.0552682	0.683188	-1.46356	0.0459883	0.277916	1.54531	0.935911	0.060273	0.179753	2.16286	2.16286	0.0041314	0.5818	4.852888	1.40433	0.20433	1
cg19637116	FNTB	0.00570766	0.021745	2.291693	-3.42827	0.703653	0.84287	-1.18642	0.2519929	1.70382	1.70382	0.760705	0.872295	-1.1464	0.09700099	2.25852	2.25852		0.000325157	0.0734385	-13.4502	0.0100099	0.233556	-4.28163	0.503547	1.35298	1.35298	0.674836	1.2077	1.70482	22.3276	2.81641	1
cg18730905	FNTB	0.0142258	0.006248806	0.626429	-10.5862	0.00784895	0.10448	5.97124	0.102372	0.986094	1.46729	0.355453	0.532926	-1.87645	0.01056891	0.11892	-8.40705		0.0746265	0.2406	-4.15625	0.00756985	0.108531	-9.19421	0.00749449	0.0977258	-10.2327	0.0386692	0.200856	-4.97367	5.72307	36.6047	0.17168	1
cg22979374	FNTB	0.00563609	0.5653352	1.76881	0.574243	1.20703	1.20703	0.0286712	1.49953	1.49953	0.92542	1.08481	1.08481	0.117482	0.765762	1.30589	1.04946	1.04946	0.00555588	1.77151	1.77151	0.456702	1.12635	1.12635	5.07298	1.97967	0.346878	1
cg11822076	FNTB;MAK	0.0363998	0.329853	0.683003	-1.46993	0.682774	0.854352	-1.17048	0.562609	0.802121	-1.24669	0.226109	1.6273	1.6273	0.550372	0.793364	-1.26046		0.583732	1.23613	1.23613	0.00803056	0.143989	-6.94499	0.742538	1.1346	1.1346	0.162109	0.564491	-1.77151	3.8125	8.86135	2.06603	1
cg16624333	FOHL1;FOHL1	2.57E-07	1.50E-08	0.328988	-8.07116	8.25E-06	0.397115	1.51816	8.97E-07	0.204639	2.34E-06	0.0004769	0.72397	-1.38127	0.00694575	0.717828	-1.39309		0.0039508	0.692132	-1.44496	0.0001107	1.22298	1.22298	2.35E-06	0.3359916	-2.97694	3.51E-07	0.247403	-4.04099	103.592	14.7814	0.126834	1
cg10006235	FOHL1;FOHL1	0.000542673	0.00028457	0.118399	-8.44605	0.92426	0.03482	1.03482	0.000924791	0.168481	-5.93537	0.158152	1.7214	1.7214	0.01004429	0.310464	-3.22098		0.558954	0.80837	-1.23706	0.00740689	0.28884	-3.46213	0.00509778	0.263841	-3.79036	8.90E-05	0.07999996	-12.5001	13.9691	28.6685	1.82424	1
cg06980460	FOHL1;FOHL1	0.00878704	0.0060257	0.13866	-2.95282	0.169019	0.642806	-1.55569	0.00218044	0.273473	-3.65569	0.145468	0.746386	-1.34015	0.836714	0.895659	-1.06422		0.889007	1.04265	1.04265	0.0651604	1.86716	1.86716	0.8360953	1.06412	1.06412	0.00319638	0.29704	-3.36655	6.15896	8.87165	1.2804	1
cg05746915	FOHL1;FOHL1;FOHL1;FOHL1	0.00738194	0.4086226	-1.41263	0.216699	0.587824	-1.70119	0.0774029	0.448375	1.2302381	1.364304	-2.74796	0.0405721	0.6008231	-1.42352				0.122101	0.504136	-1.98359	0.722209	0.864237	-1.15708	0.0003933601	0.05551	10.0551	0.1621139	1.84058	4.58046	17.2748	3.25206	1
cg14775560	FOHL1;FOHL1;FOHL1;FOHL1	0.0282192	0.109674	0.450214	-2.22116	0.770253	0.874584	-1.1434	0.451543	0.703983	-1.42049	0.141283	0.484846	-2.06251	0.380633	0.662641	-1.50911		0.0516156	0.362859	-2.75589	0.0484379	0.356366	-2.8061	0.0029656	6.4636	6.4636	0.622901	0.797073	-1.25459	4.17629	13.8506	2.94798	1
cg20826214	FOHL1;FOHL1;FOHL2	0.0180826	0.0266702	0.449184	-2.2607	0.316944	0.578995	-1.73059	0.0031451	0.346087	-2.46252	0.0729419	0.575581	-1.73705	0.0309453	0.72061	-1.38781		0.0203567	0.346742	-2.88399	0.0011584	0.144103	0.0715439	0.597358	-1.67389	0.4082615	0.440216	-2.27189	4.5763	5.87603	1.07304	1
cg02915544	FOHL1;FOHL1;FOHL2	0.000727821	3.33E-05	0.257422	-3.88467	0.47437	0.884587	-1.13047	0.00137319	0.457241	-3.10718	0.867997	0.972351	-1.02844			0.608963	0.916706	-1.09086	0.0200598	0.623199	-1.61642	0.0069759151	0.416699	-2.39981	0.00452091	0.524704	-1.90584	12.8695	5.79116	0.399991	1
cg27175332	FOHL1;FOHL1;FOXL1	2.40E-05	0.000290402	0.16222	-5.79075	0.079314	0.7599	1.31599	0.00835624	0.5224	-1.91398	0.0105166	1.52734	1.52734	1.85E-06	1.12904	-1.77404		0.0742627	0.698132	-1.43243	0.0155693	0.556483	-1.797	0.0232963	0.623706	-1.60332	0.0696486	0.554736	-1.80258	17.1484	15.3335	0.748257	1
cg14548509	FOXL1;FOXL1;FOXL1	0.0445344	0.0364812	0.279056	-3.58351	0.247	0.529633	-1.8881	0.0510908	0.311461	-3.21068	0.889174	1.07595	1.07595	0.00306535	0.118966	8.40574		0.2252298	0.512401	-1.9516	0.108201	0.39846	-2.50966	0.0282426	2.2566225	-3.89674	0.105995	0.39574	-2.52691	5.53927	15.4528	3.88097	1
cg27642328	FOXL1;FOXL1;FOXL1;FOXL1	0.00706287	0.0176825	0.525379	-1.90339	0.190395	1.3625	1.3625	0.326973	0.79791	-1.25324	0.0291481	-1.3625	0.326973	0.751179	0.845185			0.00949559	0.480463	-2.08133	0.0065569	0.197308	-5.07335	0.0077305	0.129348	-7.72825	0.0013256	0.0027	-370.37	0.125218	0.00187	0.700514	1
cg20680441	FOXL1;FOXL1;FOXL1;FOXL1	0.000928378	0.00576841	0.605332	-1.65205	0.0459	0.0002	1.68145	0.0004525	0.381144	2.62268	0.0018405	1.13967	1.13967	0.0016437	0.893163	2.7827		0.3724297	0.84357	-1.18533	0.0011435	0.450774	-2.14696	0.9457057	1.0099222	-1.0099	0.0395553	0.684566	1.46078	12.0168	4.82303	0.353052	1
cg25048701	FOXL1;FOXL1;FOXL1;FOXL1	0.00307891	0.4146652	0.917186	-1.09029	0.103881	0.834961	-1.19766	0.0181674	0.742786	-1.34628	0.0057265	1.45585	1.45585	0.185998	0.864705	-1.15646		0.0975357	1.20741	1.20741	0.670673	1.04534	1.04534	0.0003117093	1.83347	1.83347	0.170984	1.16314	1.16314	8.49239	1.44554	0.151303	1
cg06480204	FOXL1;FOXL1;FOXL1;FOXL1	0.00766827	0.2722264	1.30494	0.3349	0.1044662	0.495617	1.81362	0.1375	0.6855	-1.45839	0.0179264	1.18923	1.18923	0.0217111	1.24443	1.24443		0.3258	1.26053	1.26053	0.0677121	1.24443	1.24443	0.0010796	2.64203	2.64203	0.0007727	2.44443	5.52237	0.7679353	1
cg15274870	FOXL1;FOXL1;FOXL1;FOXL1	0.0186698	0.579951	1.25596	1.25596	0.164107	1.81884	1.83984	0.153508	1.85877	1.85877	0.0272208	2.90218	2.90218	0.0158403	1.299746	3.33616		0.20292	1.72972	1.72972	0.0263981	4.97968	4.97968	0.0358766	1.70537	2.70537	0.565953	1.2668	1.26687	4.81549	12.675	2.33967	1
cg16682721	FOXL1;FOXL2;FOXL2	0.00014649	0.0139052	0.436207	-2.29249	0.61277	1.0957	1.0957	0.0313199	0.636153	-1.57195	0.000111367	0.296146	-3.37671	1.45E-05	0.199013	-5.02485		0.0132676	0.577207	-1.73248	0.000283978	0.345852	-2.89141	0.000365301	0.359693	-2.78015	0.0154493	0.587382	-1.70247	19.864	10.145	0.451426	1
cg20150708	FOXL2;FOXL2;FOXL2;FOXL2	0.00150738	0.0008548	0.098796	-10.1203	0.00357363	0.492385	-2.03111	0.0004229	0.135722	-5.10928	0.00440594	0.321879	-3.10675	0.00154488	0.373515	-2.67801		0.0063579	0.346742	-2.88399	0.0011584	0.144103	0.0715439	0.597358	-1.67389	0.4082615	0.440216	-2.27189	4.5763	5.87603	1.07304	1
cg08822779	FOXL2;FOXL2;FOXL2;FOXL2	0.00508748	0.872227	0.960766	-1.04084	0.133789	0.6685	-1.49499	0.00144159	0.196814	-5.08093	0.286565	0.759427	-1.31678	0.0369731	0.678263	-1.47426		0.3685992	0.794818	-1.25815	0.0023773	0.348715	-2.86767	0.01437	0.472174	-2.11786	0.198399	0.713197	-1.40214	7.29982	7.14914	0.870542	1
cg25999474	FOXL2;FOXL2;FOXL2;FOXL2;FOXL2;FOXL2;FOXL2;FOXL2	0.015255	0.333708	1.31729	0.0183329	0.457878	-2.18399	0.000429934	0.218651	-4.57341	0.484611	0.823819	-1.21396	0.0124178	0.964153	0.967814	-1.03364		0.6143145	1.41185	1.41185	0.0923765	1.27249	1.27249	0.0139142	1.23775	1.23775	0.0892376	1.07063	1.07063	1.84826	1.04826	1
cg11295113	R2;FOUR2;FOUR2	0.00308585	0.399204	-2.1044	0.0040957	0.503381	1.29403	1.29403	0.263448	1.83117	1.83117	0.0605717	1.63514	1.63514	0.353771	1.24822	1.24822		0.111004	0.533305	-1.8751	0.00546237	0.266341	-3.756	0.0077202	0.205267	-4.87131	0.153679	0.194255	-5.14939	4.81435	9.99852	1.6861	1
cg22197246	FOUR3	0.00127781	0.792741	1.02704	1.304477	1.113777	1.113777	1.113777	0.242154	1.17339	1.17339	0.00174807	0.636849	-1.57013	0.00481517	0.684549	-1.46082		0.0245084	0.401591	-2.49101	0.0125491	0.755818	-1.32307	0.906578	1.01197	1.01197	0.1037093	1.79426	1.40483	1.79426	0.144538	1
cg10533990	FOUR3	0.0113618	0.447592	0.82075	-1.2184	0.992401	1.00243	1.00243	0.000551887	0.254451	-3.93002	0.171694	0.689807	-1.44968	0.0139678	0.460798	-2.17015		0.913152	0.972541	-1.02823	0.0361609	1.86227	1.86227	0.99966	0.999891	-1.00011	0.2280117	0.724026	-1.38117	5.67298	5.85204	0.916947	1
cg15367592	FOUR3	0.01503	0.1459	0.6855	-1.45852	0.2403	0.3344	0.3344	0.0002	0.1655	0.0028	0.0251899	0.3344	-2.9904	0.0662161	0.5775	-1.73194		0.028705	0.254235	-3.9336	0.0153859	0.198803	-5.03166	0.0041863	0.127245	-7.85852	0.0013256	0.0027	-370.37	0.125218	0.00187	0.700514	1
cg07676840	FOR3	0.0378017	0.0293207	0.217949	-4.58824	0.93591	1.0489	1.0489	0.154048	0.404298	-2.47343	0.0476446	0.260741	-3.83522	0.049244	0.263933	-3.78884		0.0758376	0.30955	-3.2305	0.0133661	0.163526	-6.11149	0.0049705594	0.110121	-9.08095	0.254144	0.493272	-2.02728	3.76033	20.9758	4.95839	1
cg25634666	FOUR3;FOUR3	0.00605014	0.755571	0.939371	-1.06454	0.928896	0.599458	-1.66817	0.632528	0.908019	-1.1013	0.285955	0.800953	-1.24851	0.000290854	0.306256	-3.26524		0.730701	1.07165	1.07165	0.0192953	1.76266	1.76266	0.509338	0.874529	-1.14347	0.0236922	0.582224	-1.71755	6.92135	4.39741	0.564746	1
cg07346051	FOUR4	0.00480103	0.00525779	0.377868	-2.64626	0.118104	0.296536	-3.37018	0.0004107	0.216194	-4.62379	0.0001207	0.176194	-5.67555	0.01191	1.02975	1.02975		0.605211	1.14576	1.14576	0.0777351	1.16337	1.16337	0.0737792	1.51171	1.51171	0.0158805	1.42063	1.42063	0.0004	2.23807	0.98556	1
cg26432474	FOUR4	0.0188731	0.286074	0.637258	-1.56922	0.460975	0.736933	-1.35698	0.156771	0.540115	-1.85146	0.133897	0.518162	-1.9299	0.00227646	0.17626	-5.67343		0.681403	1.08281	1.08281	0.0164847	0.160045	-6.24832	0.232611	0.601047	-1.66376	0.0414743	0.384338	-2.60188	4.79791	12.5693	2.32866	1
cg23404711	FOS	0.176-05	0.00027254	0.683824	-3.60533	0.00245	0.00245	0.00245	0.00245	0.00245	0.00245	0.00245	0.00245	0.00245	0.00245	0.00245	0.00245		0.2378452	0.762128	-1.31212	5.94E-07	0.0484287	-20.6489	0.789225	0.942708	-1.06077	0.000277309	0.269775	-3.70713	35.6357	27.3673	0.682645	1
cg10565512	FOS	1.65E-05	0.000188503	0.249856	-4.0023	0.00056557	0.308367	-3.24289	4.74E-05	0.184843	-5.40999	7.62E-05	0.206127	-4.85137	0.05908305	0.625411	-1.59895		0.238852	0.762128	-1.31212	5.94E-07	0.0484287	-20.6489	0.789225	0.942708	-1.06077	0.000277309	0.269775	-3.70713	35.6357	27.3673	0.682645	1
cg16702154	FOS	1.86E-05	0.0001803	0.254682	-3.9405	1.17093	0.0144442	0.569438	0.0002	0.175615	0.1	0.0001	0.1	0.0001	0.1	0.0001	0.1		0.3258	1.26053	1.26053	0.0677121	1.24443	1.24443	0.0010796	2.64203	2.64203	0.0007727	2.44443	5.52237	0.7679353	1
cg15274870	FOS;FOS	0.0256996	0.897582	1.02395	1.194267	0.776971	-1.28705	0.000573675	0.6634	2.6634	0.0314499	0.0402428	0.35373	0.596725	1.1031				0.20292	1.72972	1.72972	0.0263981	4.97968	4.97968	0.0358766	1.70537	2.70537	0.565953	1.2668	1.26687	4.81549	12.675	2.33967	1
cg13819860	FOS	0.0126312	0.63283	0.622208	-1.60718	0.000724881	0.310109	-3.22467	0.220569	1.34087	1.34087	0.961217	1.01114	1.01114	0.0843853	1.54465	1.54465		0.0132676	0.577207	-1.73248	0.000283978	0.345852	-2.89141	0.000365301	0.359693	-2.78015	0.0154493	0.587382	-1.70247	19.864	10.145	0.451426	1
cg00773696	FOS	0.0861187	0.495474	0.791959	-1.26293	0.0119523	1.32181	1.32181	0.0005707	0.435277	2.29	?	?	?	0.0001	0.1	0.1		0.188788	1.37314	1.37314	0.132184	1.44782	1.44782	0.270658	0.770121	-1.2985	0.859087	0.960335	-1.0413	5.48136	4.50303	0.730236	1
cg10283945	FOS;FOS	0.00189577	0.00349025	6.1162	6.1162	0.103271	1.1934	1.1934	0.400246	1.45588	1.45588	?	?	?	0.118031	2.11113	2.11113		0.0003514	0.0451733	-22.137	0.149308	1.97267	1.97267	0.123904	2.08189	2.08189	0.973293	0.985554	-1.01466	11.9372	31.0816	2.2783	1
cg14153778	FOS	0.0184378	0.183244	1.26654	1.2654	0.00102596	2.2576	2.2576	0.926165	1.03563	1.03563	0.0149348	1.98382	1.98382	0.0227	1.61758	1.61758	0.0192219	-1.04742	0.111729	0.748376	-1.33623	0.798255	0.949611	-1.05306	0.0205193	0.628248	-1.59173	4.81584	1.14155	0.248257	1
cg12265810	FOSB;FOSB	0.00613569	5.51E-05	0.16614	-6.01901	0.000850143	0.293095	-3.41186	0.0001975	0.142986	-7.01572	-9.91557	0.637101	1.12335	1.12335	0.000207674	0.208723	-4.572	-2.99151	0.000157105	0.205349	-4.86975	4.57E-05	0.15662	-6.59363	0.0103256	0.453416	-2.20548	0.0120942	0.45021	-2.84359	0
cg17846619	FOSB;FOSB	0.0205842	0.695444	0.934422	-1.07018	0.940464	0.982468	-1.01784	0.352643	1.15215	1.15215	0.510967	0.905985	-1.10377	0.00153767	0.508859	-1.96518		0.789728	1.04037	1.04037	0.277312	1.18212	1.18212	0.00779347	1.65844	1.65844	0.849619	1.02851	1.02851	4.6587	1.61799	0.308716	1
cg06941879	FOSB;FOSB	0.0239815	0.892239	0.98446	1.0158	0.0264	1.0584	1.0584	0.0266	1.0568	1.0568	0.422707	1.27922	1.27922	0.146896	1.0844	1.0844	0.0862405	1.09099	1.09099	1.10889	1.10889	1.10889	0.0032098	1.68703	1.68703	0.4544	1.44008	1.88891	0.0035	1.44008	1
cg07142523	FOSB;FOSB	0.0262041	0.0600567	0.505914	-1.97662	0.0143991	0.379486	-2.63515	0.600182	1.18517	1.18517	0.0346994	0.453447	-2.20533	0.648795	0.863043	-1.15869		0.138022	0.598692	-1.67031	0.00240695	0.253174	-3.88842	0.182492	0.634783	-1.57534	0.392986	1.32457	1.32457	4.28635	7.00486	1.45265	1
cg08138668	FOSB;FOSB	0.0116635	0.3006441	0.599559	-1.66793	0.0221907	0.220535	-4.53444	0.163014	0.439993	-2.27276	0.7413449	0.833081	-1.20036	0.0836351	0.144911	-6.9008		0.387645	0.613725	1.6294	0.0043488	0.121988	8.19755	0.0163648	0.3003	-3.3303	0.0621031	0.102255	9.78137	18.8412	4.27962	1
cg17780657	FOSB;FOSB	0.0347422	0.77142	0.969157	-1.03182	0.214235	0.868812	-1.151	0.709674	0.960579	-1.04104	0.249887	0.878692	-1.13805	0.455861	0.08511	0.08511		0.40338	0.06632	-15.0802	0.0214955	0.144585	6.91725	0.119386	0.1398	0.0026948	1.56193	0.56193	3.87749	0.710277	0.162826	1
cg13078161	FOSB;FOSB;FOSB;FOSB	0.0173617	0.844058	1.0379	1.0379	0.667057	0.921511	-1.08517	0.0271992	0.163838	1.63838	0.540962	1.124	1.124	0.185407	1.30373	1.30373		0.0840709	0.696974	-1.43477	0.00520425	0.498168	-2.00655	0.0344984	1.59311	1.59311	0.04134012	1.55933	1.55933	4.93458	2.78779	0.502178	1
cg14206939	FOSL1	0.0132344	0.16565	1.30964	-1.5703	0.0140247	0.169568	-2.94341	0.0127444	0.302123	-3.30945	0.0222103	-1.2164	0.0227218	1.50223	1.50223	1.50223		0.0318183	0.63499	-1.5751	0.0115297	0.15862	-6.3036	0.0081308	0.372642	-2.68354	0.0623091	0.14923	-6.70145	0.0045	0.536	0.536	0.0045	0.536	0.536	0.536	0.536	1
cg16771716	FOSL1	0.0011222	0.261688	0.90327	-1.10709	0.218672	1.11902	1.11902	0.887736	0.987798	-1.01235	0.0059435	0.731491	-1.36707	0.005542	0.955728	-1.04632		0.0142618	0.768963	-1.30045	0.0036094	0.75004	-1.40837	0.095626	0.852905	-1.17246	0.00012635	1.78617	1.78617	11.3873	1.3625	0.106356	1
cg07420137	FOSL1	0.0252106	0.365542	0.814954	-1.22715	0.0102596	2.2576	2.2576	0.926165	1.03563	1.03563	0.0149348	1.98382	1.98382	0.0227	1.61758	1.61758	0.0192219	0.0151538	0.0725202	-13.7843	1.04242	0.117729	0.748376	-1.33623	0.798255	0.949611	-1.05306	0.0205193	0.628248	-1.59173	4.81584	1.14155	0.248257	1
cg22345522	FOSL1	0.00274496	0.983211	1.0056	1.0056	0.209394	1.42058	1.42058	0.132538	1.53833	1.53833	0.0913703	1.63777	1.63777	0.560446	0.855381	-1.16907		5.83E-05	0.138573	-7.21643	0.710786	1.10388	1.10388	0.193978	1.44003	1.44003	0.295612	1.33348	1.33348	8.78641	0.97819	0.991246	1
cg18818531	FOSL1	0.0288	0.14045	2.01683	2.01683	0.020626	1.43256	1.43256	0.0823973	2.34233	2.34233	0.0305528	3.07794	3.07794	0.0196458	0.519963	-1.92321		0.828153	1.10095	1.10095	0.0414388	0.26196	-3.81738	0.232194	1.74068	1.74068	0.499168	1.35457	1.35457	6.14526	12.8514	2.75507	1
cg10673222	FOSL1	0.2319326	0.78432	0.767526	1.03578	1.0379	1.03579	0.08037651	2.2274	2.2274	0.073423	1.59965	1.63116	0.08097	-2.16615				0.0152609	2.0159	2.0159	0.0014388	1.47641	1.47641	0.45093	1.19815	1.19815	4.2428	3.16851	0.779783	1
cg

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14106085	FOXD2;FOXD2	0.00954682	0.350294	0.857377	-1.16635	0.547639	0.15223	1.112223	0.0209924	1.56766	1.56766	0.132329	0.752841	-1.3283	0.550057	0.899689	0.11115	0.353816	0.846156	-1.18181	0.003484432	2.7326	2.7326	0.104108	1.35946	1.35946	0.737571	0.042911	-1.06055	5.09879	2.90302	0.430165	1
cg00914781	FOXD2;FOXD2	0.0135058	0.0544117	0.71393	-1.4007	0.0054937	0.714358	-1.39986	0.111937	0.852574	-1.17292	0.0200843	0.772262	-1.2949	0.019427	0.770766	1.29741	0.159549	1.14855	1.14855	0.0143723	0.757261	-1.32055	0.244331	0.89384	-1.11877	0.594093	0.951646	-1.05081	5.36277	0.72111	0.119525	1
cg13682692	FOXD2;FOXD2	0.0197653	0.33248	1.42046	1.42046	0.00238978	4.41917	4.41917	0.155647	1.70461	1.70461	0.53878	1.24418	1.24418	0.00799008	0.303163	-3.29856	0.677334	1.15824	1.15824	0.249226	0.65522	-1.5262	0.362828	1.38865	1.38865	0.375144	0.726474	-1.37651	4.72102	9.21497	1.73502	1
cg26368394	FOXD2;FOXD2	0.0201725	0.4528844	0.807619	-1.30177	0.674791	0.947914	-1.05403	0.294069	0.871161	-1.14789	0.548694	0.925974	-1.07994	0.01120996	0.668918	-1.49495	0.213613	0.853628	-1.1724	0.000393609	0.488086	-2.04538	0.441855	0.905381	-1.1045	0.844644	0.975049	-1.02513	4.60085	1.19331	0.226126	1
cg09515767	FOXD2;FOXD2	0.0340597	0.241924	1.436	1.436	0.79031	1.08192	1.08192	0.287771	1.38553	1.38553	0.0217756	0.443274	-2.25594	0.00683798	0.355018	-2.81676	0.125962	1.63098	1.63098	?	?	?	0.979565	1.0076	1.0076	0.244672	1.43271	1.43271	0.396021	4.87757	1.22885	1
cg01173201	FOXD2;FOXD2	0.0363101	0.107593	1.16294	1.16294	0.01112062	1.42221	1.42221	0.111343	1.21193	1.21193	0.352442	1.13187	1.13187	0.0251151	1.34345	1.34345	0.893871	1.0349	1.0349	0.0346174	0.761074	-1.31393	0.206463	0.862709	-1.15934	0.782359	0.962046	-1.03943	3.81592	0.742296	0.172912	1
cg16342298	FOXD2;FOXD2	0.0421673	0.938096	1.0431	1.0431	0.00374531	8.6497	8.6497	0.621818	1.31533	1.31533	0.12627	2.48892	2.48892	0.657596	1.27877	1.27877	0.037202	0.263604	-3.79356	0.603156	1.33525	1.33525	0.0472655	3.49402	3.49402	0.260332	1.910218	1.910218	3.612	17.383	4.27786	1
cg00288666	FOXD4;MGC12982	0.0466568	0.33726	1.15156	1.15156	0.1505831	0.802055	-1.2458	0.0160458	1.5416	1.5416	0.00864578	0.606765	-1.64809	0.424972	0.890276	-1.12325	0.585049	0.934561	-1.0818	0.704995	0.947119	-1.05575	0.658095	0.918444	-1.08559	0.429683	1.12187	1.12187	1.479	1.12086	0.286464	1
cg15841063	FOXD3	1.63E-07	0.202854	0.853827	-1.1712	0.0444005	0.75843	-1.31851	0.812865	0.972508	-1.02827	0.054511	0.650679	-1.53686	0.368854	0.900984	1.10994	0.022754	0.725833	-1.37773	0.00421543	0.637355	-1.56898	1.59E-09	0.98959	30.98959	0.317855	1.12904	1.12904	116.315	4.75544	0.194525	1
cg06912182	FOXD3	0.000202151	0.000541592	0.250732	-3.98833	0.000351326	4.38129	4.38129	0.1263	1.53026	1.53026	0.0433108	0.550007	-1.81816	0.0430229	1.8201	1.8201	0.630928	1.13259	1.13259	0.00275177	0.345536	-2.89406	0.000118245	5.65759	5.65759	0.190886	0.700311	-1.42794	18.3091	19.1843	0.931378	1
cg00704559	FOXD3	0.0307455	0.837541	1.062036	1.062036	0.2984	0.992884	0.992884	0.716126	1.040276	1.08973	0.0128607	0.993992	-1.00642	0.555442	0.923505	1.08121	0.193026	0.77774	-1.28579	0.467402	0.873715	-1.14454	8.81E-06	0.98158	5.818568	0.119071	1.36188	1.36188	1.52873	6.85675	0.469297	1
cg02595809	FOXD3	0.00633837	0.0501331	0.382504	-2.61435	0.00856112	4.23434	4.23434	0.173427	1.86497	1.86497	0.291715	0.624536	-1.60119	0.10258	0.463657	-2.15677	0.22597	0.578624	-1.72824	0.00514531	0.209354	-4.77805	0.000568705	0.893756	0.893756	0.048863	0.822483	0.822483	20.0058	2.60655	1
cg18279094	FOXD3	0.0425953	0.275662	0.438199	0.438199	0.0501522	2.64565	2.64565	0.464068	2.93559	2.93559	0.355794	1.61345	1.61345	0.832449	1.30633	1.30633	0.83826	0.772751	-1.29408	0.819498	0.949159	-1.33415	0.000568705	0.893756	0.893756	0.048863	2.44291	2.44291	5.59848	90.9225	22.3977	1
cg12690148	FOXD3	0.0452702	0.00796541	1.79799	1.79799	0.645156	1.03826	1.08326	0.734353	1.0605	1.0605	0.0168125	0.858898	-1.04277	0.896825	0.977874	-1.02263	0.00687925	0.546906	-1.82847	0.894087	0.977289	-1.02324	0.41763	1.28138	1.28138	0.483429	0.884413	-1.13069	3.517763	1.65705	0.418729	1
cg28136358	FOXD3;FOXD3	7.40E-06	0.007348115	0.597274	-1.67427	1.32E-05	3.90405	3.90405	0.00482146	1.74678	1.74678	0.552765	1.09371	1.09371	-1.09157	0.995987	0.92329	-1.08308	0.332859	1.16067	1.16067	0.0048029	0.56275	-1.77699	2.50E-07	0.9084	0.9084	0.21337	1.25186	1.25186	0.413587	15.4543	0.313214	1
cg00239481	FOXD4	0.000391681	0.546824	1.07472	1.07472	0.1332263	1.23623	1.23623	0.865338	1.02029	1.02029	0.218529	0.853174	-1.16526	0.00116794	0.569355	-1.75637	0.532024	0.927611	-1.07804	0.479854	0.88859	-1.08859	1.01E-05	0.96205	3.06005	0.170625	1.04003	1.04003	0.96205	3.38178	0.19662	1
cg09607795	FOXD4	0.00423205	0.246216	0.761421	-1.31333	0.8012283	0.944893	-1.05832	0.00225158	0.382482	-2.61447	0.0177265	0.523002	-1.91204	0.120695	0.685037	-1.45977	0.00462005	0.428676	-2.33276	0.000273716	0.261853	-3.81893	0.09292008	0.660012	-1.51532	0.01461006	0.508712	-1.96575	7.71994	6.17671	0.711198	1
cg25391162	FOXD4	0.0342423	0.0409015	0.31273	0.31273	0.0190477	1.41115	1.41115	0.139463	2.23805	2.23805	0.59173	1.31555	1.31555	0.0262392	0.80258	1.30258	0.0559285	0.93988	2.93988	0.0102518	1.51502	1.51502	0.0124725	4.82963	4.82963	0.0396058	3.33847	3.33847	1.89784	15.8409	3.61246	1
cg01496364	FOXD4L1;FOXD4L1	0.0170598	0.00435618	0.75036	0.75036	0.0934371	1.99271	1.99271	0.144134	1.34133	1.34133	0.361406	1.11951	1.11951	0.357468	0.702128	-1.42424	0.762344	0.89285	-1.12001	0.0273482	1.45265	1.45265	0.00790383	3.57154	3.57154	0.225889	1.60837	1.60837	4.96355	10.9777	1.96588	1
cg01602757	FOXD4L1;FOXD4L1	0.0212958	0.0316821	7.34611	7.34611	0.00923543	13.6817	13.6817	0.0519661	5.75811	5.75811	0.11764	3.83988	3.83988	0.0287019	7.7137	7.7137	0.0342232	7.07173	7.07173	0.0118353	12.0387	12.0387	0.00394513	21.545	21.545	0.0941592	4.29305	4.29305	4.60497	45.7167	8.82463	1
cg0154S4	FOXD4L5	0.0111157	0.340848	-1.23784	0.0364709	0.97077	-2.45292	0.0270766	0.384977	-2.60772	0.0123797	0.3168988	1.55559	0.0312586	0.0291308	0.859035	-1.77828	0.0117154	0.312756	-3.19759	0.0234138	0.246826	-4.00279	0.0108335	0.5178412	-2.52628	0.0349038	0.403028	2.48122	5.132	1.91772	1.91776	1
cg13117809	FOXD4L5	0.0284564	0.0449819	2.65909	0.653092	0.3549	3.54493	0.155901	1.90662	1.90662	0.630287	1.229756	1.93485	0.0139681	0.0290652	0.517	1.93485	0.638191	1.22303	1.22303	0.00901582	4.10111	4.10111	0.00311564	5.57701	5.57701	0.0615114	2.4482	2.4482	6.49368	11.916	2.54373	1
cg16987753	FOXD4L6;FOXD4L6	0.0177886	0.142542	5.53266	0.0388118	2.53196	2.46403	2.46403	0.0177552	1.93075	1.93075	0.0139577	1.28532	1.28532	0.0139577	1.93075	1.93075	0.530224	0.927611	-1.07804	0.479854	0.88859	-1.08859	1.01E-05	0.96205	3.06005	0.170625	1.04003	1.04003	0.96205	3.38178	0.19662	1
cg11258943	FOXE1	1.40E-06	0.665842	1.03911	1.03912	0.0100537	0.750547	-1.33236	0.641062	0.959375	-1.04235	0.258794	1.10968	1.10968	0.0475263	0.818563	1.22165	0.839077	0.981296	-1.01906	0.00102891	0.650745	-1.5367	1.65E-08	6.82827	6.82827	0.0817047	0.843315	-1.1858	67.2806	8.31369	0.109838	1
cg24393316	FOXE1	6.95E-05	0.734535	0.888828	-1.12508	0.000241519	8.18953	8.18953	0.00490488	3.63551	3.63551	0.0104765	0.410428	4.91027	0.410728	1.74765	1.74765	0.6028	1.19936	1.19936	0.870804	0.948227	-1.0546	1.27E-06	76.2214	76.2214	0.834863	0.107496	24.39458	46.3237	1.68786	1
cg13791254	FOXE1	0.000366222	0.930455	1.07472	-1.24934	0.0113612	4.76424	4.76424	0.0889909	1.61559	1.61559	0.0160126	0.317694	3.14944	0.0160126	0.616794	1.56935	0.530224	0.927611	-1.07804	0.479854	0.88859	-1.08859	1.01E-05	0.96205	3.06005	0.170625	1.04003	1.04003	0.96205	3.38178	0.19662	1
cg15802898	FOXE1	0.00131915	0.530622	1.13967	1.13967	0.6908	0.921002	-1.08577	0.727084	0.930421	-1.07478	0.0745071	0.664339	-1.50526	0.671232	0.915873	-1.09185	0.0046205	0.428676	-2.33276	0.000273716	0.261853	-3.81893	0.09292008	0.660012	-1.51532	0.01461006	0.508712	-1.96575	7.71994	6.17671	0.711198	1
cg13564742	FOXE1	0.00934532	0.0409053	0.31273	0.31273	0.0190477	1.41115	1.41115	0.139463	2.23805	2.23805	0.59173	1.31555	1.31555	0.0262392	0.80258	1.30258	0.0559285	0.93988	2.93988	0.0102518	1.51502	1.51502	0.0124725	4.82963	4.82963	0.0396058	3.33847	3.33847	1.89784	15.8409	3.61246	1
cg01570915	FOXE1	0.047573	0.172229	1.18025	1.18025	0.663067	0.105161	1.80375	0.102885	1.02885	1.02885	0.0548015	1.28201	1.28201	0.457616	0.917344	-1.0901	0.0360596	0.757232	1.3206	0.0332136	0.752856	-1.32827	0.0378336	1.31611	1.31611	0.365233	1.11194	1.11194	3.4526	0.711346	0.18314	1
cg21174841	FOXE1;FOXE1	2.55E-06	0.000574137	0.535363	-1.86789	1.27E-05	0.340913	-2.9333	0.0180439	0.714111	-1.40034	0.590152	1.06581	1.06581	0.0153391	0.705508	-1.41742	0.153305	0.835071	-1.1975	0.000548302	0.532988	-1.87621	1.29E-07	7.10869	7.10869	0.0300546	0.741482	-1.34865	57.6937	12.5552	0.193439	1
cg18066609	FOXE1;FOXE1	0.00174863	0.004316	0.457227	-2.18705	0.0182561	2.25334	-1.9492	0.0602089	2.22893	2.22893	0.0138516	1.48376	1.48376	0.0622389	0.670308	-1.49184	0.90961	1.00789	1.00789	0.0015996	0.648843	-1.82201	0.000315575	3.9295	3.9295	0.0546441	0.6379	-1.56764	49.0516	12.8863	0.558902	1
cg00407303	FOXE1;FOXE1	0.0003007	0.037732	-1.55642	-1.79726	0.00257623	2.76745	-1.76745	0.0883791	0.632551	-1.58059	0.0059897	0.409765	-2.44042	0.00331253	0.240744	4.1538	0.0250739	0.52246	-1.91402	0.000181364	0.213761	-4.67812	0.00792305	2.29223	2.29223	0.0091369	0.44635	-2.2404	16.4396	15.4508	0.83542	1
cg19220088	FOXE1;FOXE1	0.0547711	0.457791	-1.37396	-1.37396	0.0319231	1.89719	1.89719	0.0866153	1.83112	1.83112	0.0860513	1.03514	1.03514	0.12002	0.781954	-1.27885	0.0104602	0.660207	-1.51469	0.0004812	0.672008	-1.4881	0.000954283	0.487768	0.487768	?	?	?	0.000315825	935.384	935.384	0.0034386	63.9412	63.9412	27.1661	122.841	5.6523	1
cg15457058	FOXE3	0.00137583	?	?	?	?	?	?	?	?	?	?	?	?	0.846026	1.17679	1.17679	?	?	?	?	?	?	?	?	?	?	?	?	0.000315825	935.384	935.384	0.0034386	63.9412	63.9412	27.1661	122.841	5.6523	1
cg18815943	FOXE3	0.00225011	0.754156	0.817371	-1.22341	0.416337	0.6109227	-1.63686	0.868191	1.10321	1.10321	0.0943156	0.316567	-3.01516	0.0745919	0.302882	-3.30161	0.0600146	0.279007	-3.58414	?	?	?	8.98E-05	0.97069	97.0694	0.174516	2.36827	2.36827	11.2942	54.4171	4.21587	1
cg13076754	FOXE3	0.00340966	0.40026	0.249834	0.222276	0.0808857	0.222824	-4.48689	0.0155059	0.540789	0.540789	0.0184488	0.71185	1.40479	0.0626529	0.29788	-3.35764	0.0204614	0.727251	-1.37487	0.0016281	0.348124	-2.87254	0.000564956	0.474303	0.474303	0.103836	0.029474	0.820096	33.9788	77.1877	0.768125	1
cg19809499	FOXE3	0.0125358	0.732066	0.735591	-1.35965	0.419455	2.094	2.094	0.828595	1.21369	1.21369	0.234634	3.06659	3.06659	0.372889	0.440352	-2.27091	0.00317266	0.0226424	-44.165	?	?	?	0.00218163	57.9179	57.9179	0.0996296	1.00415	1.00415	6.31423	69.3935	9.61627	1
cg23115387	FOXE3	0.031378	0.0256257	0.194806	0.115052	0.1135254	0.344666	0.344666	0.0636997	4.99886	4.99886	0.0495508	0.137499	7.27273	0.0374959	0.81979	1.22002	0.0165632	0.2679	-3.73336	0.0374959	0.81979	1.22002	0.0267662	0.76942	0.76942	0.0063479	0.00219374	0.00219374	10.9212	7.46555	1.68152	1
cg20320283	FOXE3	0.0398016	0.324392	0.706929	-1.41457	0.0190645	1.380207	-2.63015	0.00163168	0.214825	-4.65496	0.0698018	0.501078	-1.9957	0.251185	0.664601	-1.50466	0.2659002	0.673628	-1.4845	0.829138	1.07643	1.07643	0.368367	0.729885	-1.37008	0.675399	0.497586	-2.0097	1.68837	4.95643	5.41623	1
cg00806138	FOXE3	0.0484945	0.186963	1.60284	1.60284	0.02351721	2.49038	2.49038	0.574448	1.21089	1.21089	0.129508	1.73751	1.73751	0.982839	0.992772	-1.00728	0.0649735	0.497112	-2.01162	0.183898	0.62159	-1.60878	0.2106938	0.6409357	-1.56022	0.0283029	2.39475	2.39475	3.42766	6.17555	1.6015	1
cg01423386	FOXE3	?	?	?	?	?	0.0252503	0.0252503	0.0185741	1.79645	1.79645	0.0195357	0.28557	-3.50187	0.0195357	0.940399	-1.06327	0.0626528	0.862489	-1.15944	0.0340021	0.397481	-2.51584	0.001749	0.837423	-1.19414	0.0035244	0.191836	5.212758	25.2765	36.6481	0.050181	1
cg06575147	FOXF1	0.00311384	0.0568433	0.824593	-1.21272	0.000706357	1.58703	1.58703	0.014032	1.31032	1.31032	0.0460692	1.14121	1.14121	0.044249	1.22972	1.22972	0.048486	0.817339	-1.22348	0.5662	1.05326	1.05326	0.237569	1.11707	1.11707	0.137287	0.866571	-1.15469	3.46395	0.0733	0.112719	1
cg00346439	FOXF1	0.00083649	0.00837654	0.683137	-1.46377	0.0158599	1.63717	1.63717	0.0178509	1.38897	1.38897	0.0403332	1.08267	1.08267	0.0455797	1.30232	1.30232	0.0096266	0.7162	-1.39648	0.0164544	0.72362	-1.38206	0.0074899	2.02085	2.02085	0.0126748	1.26951	1.26951	3.24	0.73848	0.179142	1
cg25971347	FOXF1	0.0113313	0.322394	0.796	-1.25628	0.229324	0.754612	-1.32518	0.00204039	2.63901	2.63901	0.255844	1.3031	1.3031	0.298173	0.786075	-1.27214	0.135149	0.807333	-1.23865	0.00239924	0.389025	-2.57053	0.48088	1.17342	1.17342	0.872124	1.03661	1.03661	1.67791	4.47991	0.70134	1
cg01145317	FOXF1	0.0466857	0.11185	1.11185	0.846137	0.1456067	0.153652	1.34626	0.0127865	2.05458	2.05458	0.0574002	0.610169	-1.63899	0.0574002	0.610169	-1.63899	0.0289859	0.646454	1.54681	0.0419466	0.557	1.79533	0.0146454	1.29128	1.29128	0.0108329	1.365	1.365	5.98044	4.68473	0.742736	1
cg01570134	FOXF1	0.0353951	0.0509805	0.324367	0.324367	0.845653	1.84563	0.0123454	0.2461	1.34261	0.298504	0.0158045	0.2461	1.34261	0.298504	0.0158045	0.2461	0.0096266	0.7162	-1.39648	0.0164544	0.72362	-1.38206	0.0074899	2.02085	2.02085	0.0126748	1.26951	1.26951	3.24	0.73848	0.179142	1
cg01695533	FOXF1	0.01704666	0.27396	0.832315	-1.20147	0.0480687	0.694678	-1.43952	0.0301828	0.663001	-1.50829	0.492643	1.1189	1.1189	0.00636265	1.77289	1.77289	0.007957	0.753258	1.32753	0.0001	0.10153	0.10153	0.596958	1.08985	1.08985	4.96493	2.04413	0.365967	1
cg00555338	FOXF1	0.00107665	?	?	?	0.0182561	2.25334	-1.9492	0.0602089	2.22893	2.22893	0.0138516	1.48376	1.48376	0.0622389	0.670308	-1.49184	0.90961	1.00789	1.00789	0.0015996	0.648843	-1.82201	0.000315575	3.9295	3.9295	0.0546441	0.6379	-1.56764	49.0516	12.8863	0.558902	1
cg00314966	FOXF1	0.04276514	0.631085	0.894954	-1.11738	0.474011	0.846177	-1.18179	0.00370654	2.45828	2.45828	0.44385	0.836231	-1.19584	0.108977	1.49325	1.49325	0.110951	0.671431	-1.48936	0.432605	0.832184	-1.20166	0.0829765	1.55323	1.55323	0.302077	1.27793	1.27793	3.59315	2.99431	0.740745	1
cg00609241	FOXF1	0.04350129	0.240482	0.874142	-1.14405	0.819917	1.025951	1.025951	0.0845406	1.23906	1.23906	0.0447263	0.771916	-1.29548	0.117635	1.21034	1.21034	0.0299669	0.886321	-1.12834	0.407409	0.972237	-1.0286	0.0048812	2.46094	2.46094	0.0072337	-1.0856	0.00874463	5.45536	3.57036	0.172792	1
cg02384603	FOXF1	3.72E-05	0.901272	1.02653	-1.02653	0.0219556	1.93789	1.93789	0.0014826	2.69702	2.69702	0.0014826	2.69702	2.69702	0.1411364	1.41416	1.41416	0.0051853	0.678038	-1.5948	1.67E-06	0.079194	-12.6272	0.003970073	2.26396	2.26396	0.00126925	2.169668	2.169668	7.8657	20.2899	6.626544	1
cg01759602	FOXF1	0.00570291	0.399553	0.748339	-1.33629	0.00266771	0.293524	-3.93818	0.00320109	0.258595	-3.86705	0.0359558	0.27091	2.07093	0.0359558	0.27091	-3.69243	0.830337	1.07478	1.07478	0.72093	0.88641	-1.12815	0.00115674	0.97597	0.97597	0.835291	1.07249	1.07249	13.7775	24.657	1.59081	1
cg04115152	FOXF1	0.00621703	0.647119	0.848357	-1.17814	0.0771144	0.716855	-1.39498	0.0952521	0.693235	-1.44213	0.0587	1.45572	1.45572	0.0587	1.45572	1.45572	0.0136466	0.712638	-1.40353	0.106434	0.509417	-1.96303	0.000112935	1.3594	1.3594	0.438339	0.73901	-1.35316	13.2419	30.6988	2.06073	1
cg26697597	FOXF2	0.00065736	0.00403311	8.60445	8.60445	0.952527	0.977479	-1.02304	0.0014892	5.77069	5.77069	0.0530879	0.431327	-2.31843	0.903756	1.04737	1.04737	0.0030357	0.162175	-6.16605	0.0115407	0.157291	-6.35872	0.0001	0.29784	0.29784	0.0001	0.129212	0.113278	0.570356	-1.47539	20.5279	1.44947	1
cg00408796	FOXF2	0.00127454	0.000147883	5.49156	5.49156	0.0315649	0.517804	-1.93123	0.075931	0.597122	-1.6747	0.00176196	3.20028	3.20028	0.0518949	0.561319	-1.78152	0.454076	1.25529	1.25529	0.00437219	0.321442	-3.11098	0.197709	1.50071	1.50071	0.98345	0.993835	-1.0062	10.1275	14.2579	1.25141	1
cg20457275	FOXF2	0.0272017	0.1185	1.11185	0.846137	0.1456067	0.153652	1.34626	0.0127865	2.05458	2.05458	0.0574002	0.610169	-1.63899	0.0574002	0.610169	-1.63899	0.0289859	0.646454	1.54681	0.0419466	0.557	1.79533	0.0146454	1.29128	1.29128	0.0108329	1.365	1.365	5.98044	4.68473	0.742736	1
cg01570134	FOXF2	0.0353951	0.0509805	0.324367	0.324367	0.845653	1.84563	0.0123454	0.2461	1.34261	0.298504	0.0158045	0.2461	1.34261	0.298504	0.0158045	0.2461	0.0096266	0.7162	-1.39648	0.0164544	0.72362	-1.38206	0.0074899	2.02085	2.02085	0.0126748	1.26951	1.26951	3.24	0.73848	0.179142	1
cg00457295	FOXF2	0.00068011	0.004729	0.457227	-2.18705	0.0182561	2.25334	-1.9492	0.0602089	2.22893	2.22893	0.0138516	1.48376	1.48376	0.0622389	0.670308	-1.49184	0.90961	1.00789	1.00789	0.0015996	0.648843	-1.82201	0.000315575	3.9295	3.9295	0.0546441	0.6379	-1.56764	49.0516	12.8863	0.558902	1
cg00314966	FOXF2	0.04276514	0.631085	0.894954	-1.11738	0.474011	0.846177	-1.18179	0.00370654	2.45828	2.45828	0.44385	0.836231	-1.19584	0.108977	1.49325	1.49325	0.110951	0.671431	-1.48936	0.432605	0.832184	-1.20166	0.0829765	1.55323	1.55323	0.302077	1.27793	1.27793	3.59315	2.99431	0.740745	1
cg00609241	FOXF2	0.04350129	0.240482	0.874142	-1.14405	0.819917	1.025951	1.025951	0.0845406	1.23906	1.23906	0.0447263	0.771916	-1.29548	0.117635	1.21034	1.21034	0.0299669	0.886321	-1.12834	0.407409	0.972237	-1.0286	0.0048812	2.46094	2.46094	0.0072337	-1.0856	0.00874463	5.45536	3.57036	0.172792	1
cg02384603	FOXF2	3.72E-05	0.901272	1.02653	-1.02653	0.0219556	1.93789	1.93789	0.0014826	2.69702	2.69702	0.0014826	2.69702	2.69702	0.1411364	1.41416	1.41416	0.0051853	0.678038	-1.5948	1.67E-06	0.079194	-12.6272	0.003970073	2.26396	2.26396	0.00126925	2.169668	2.169668	7.8657	20.2899	6.626544	1
cg01759602	FOXF2	0.00570291	0.399553	0.748339	-1.33629	0.00266771	0.293524	-3.93818	0.00320109	0.258595	-3.86705	0.0359558	0.27091	2.07093	0.0359558	0.27091	-3.69243	0.830337	1.07478	1.07478	0.72093	0.88641	-1.12815	0.00115674	0.97597	0.97597	0.835291	1.07249	1.07249	13.7775	24.657	1.59081	1
cg04115152	FOXF2	0.00621703	0.647119	0.848357	-1.17814	0.0771144	0.716855	-1.39498	0.0952521	0.693235	-1.44213	0.0587	1.45572	1.45572	0.0587	1.45572	1.45572	0.0136466	0.712638	-1.40353	0.106434	0.509417	-1.96303	0.000112935	1.3594	1.3594	0.438339	0.73901	-1.35

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07628717	FOXK1	8.91E-05	0.00226694	1.59797	1.67233	0.0108235	1.46907	1.46907	0.0177392	0.7067	1.41503	0.700628	0.954553	1.03651	1.04761	2.72E-06	0.257433	1.38451	0.000793802	0.543243	1.8408	0.964137	1.00543	1.00543	0.147434	1.20581	1.20581	0.0161188	0.701534	1.42545	22.8344	5.24233	0.204071	1
cg23871697	FOXK1	0.000320663	0.437117	1.27738	1.27738	0.0583741	1.93586	1.93586	0.517084	0.8516391	-1.22489	0.4015559	1.30363	1.30363	0.000183117	0.141808	0.075106	1.04719	0.027550	0.447169	-2.23629	0.0045774	0.181906	-5.49735	0.81294	1.07596	1.07596	4.74E-05	0.093741	-10.6677	16.1527	24.3994	1.3427	1
cg08363945	FOXK1	0.000408266	0.0433636	0.726596	-1.37628	0.000354526	2.19997	2.19997	0.00601126	1.63793	1.63793	0.000392437	0.460026	-2.17379	0.00905535	0.633832	-1.57771		0.0168399	1.49315	1.49315	0.307648	0.8648885	-1.15622	0.98183	1.00314	1.00314	0.007262552	0.621249	-1.60966	15.1147	4.52313	0.266004	1
cg03907375	FOXK1	0.000484079	0.0231445	0.692984	-1.44303	0.1939904	0.830595	-1.20035	0.252628	0.2021111	-1.17342	0.710298	0.195169	1.09169	1.00188597	0.42642	-2.3451		0.3125841	1.15152	1.15152	9.34E-05	0.3901562	-2.56308	0.00275086	1.74722	1.74722	0.0427792	0.729819	-1.3702	14.4193	4.16604	0.256818	1
cg12164992	FOXK1	0.000685634	0.154659	1.28803	1.28803	0.00222748	0.490786	-2.03755	0.183098	1.26454	1.26454	0.004161099	1.893	1.893	0.000568658	0.547158	-1.82762		0.0133882	0.601131	-1.66353	0.154899	0.7798632	-1.2843	0.109693	1.33608	1.33608	0.000180134	0.348752	-3.66737	13.0887	5.72185	0.388644	1
cg23318967	FOXK1	0.000865673	0.174217	0.710023	-1.40844	0.0354524	1.78631	1.78631	0.06352669	1.63933	1.63933	0.057667	0.601371	-1.66287	7.16E-05	0.180078	-5.55316		0.0004616281	0.265413	-3.76771	0.528633	0.8596391	-1.16328	0.603355	1.13223	1.13223	0.223609	0.738649	-1.35382	12.2566	10.8962	0.790229	1
cg01509853	FOXK1	0.00010614	0.000502521	0.162694	-6.14649	0.0099026	0.335039	-2.98472	0.00353937	0.2653521	-3.76858	0.0543648	0.480657	-2.08049	0.02750317	0.416909	-2.3986		0.0460149	0.28206	-3.54534	0.000647777	0.1727961	-5.78717	0.000266184	0.134133	-7.45531	0.001654919	0.2206889	-4.53126	11.7132	20.8911	1.58538	1
cg19336198	FOXK1	0.001113161	0.00148577	0.356312	-2.80653	0.0005903793	0.974974	-2.11107	0.01858886	0.52595	-1.90132	0.0122363	0.495214	-2.01933	0.980991	0.996888	-1.00311		0.0693585	0.632896	-1.58004	0.1741705	0.7139538	-5.72942	0.05402744	0.611214	-1.63609	0.002436588	0.38678	-2.58545	11.9403	9.12196	0.713752	1
cg19615298	FOXK1	0.000389218	0.000609260	0.351007	-2.85627	0.797754	0.949304	-1.05434	0.6823754	0.9200018	-1.08693	0.1985021	1.31694	1.31694	0.004200037	0.532115	-1.31043		0.947463	1.01346	1.01344	0.004201027	0.322169	-3.10396	0.1193204	1.40859	1.40859	0.425423	0.847976	-1.17928	10.8954	7.083	0.577859	1
cg09395443	FOXK1	0.001319398	0.00710303	0.560028	-1.78563	0.00049785	0.403233	-2.47995	0.00347735	0.51627	-1.93697	0.0155632	0.609841	-1.63977	0.159995	1.28437	1.28437		0.3375506	1.16294	1.16294	0.000338477	0.381798	-2.61919	0.8815597	0.97546	-1.02516	0.02713	0.646591	-1.54657	10.8729	4.78559	0.391235	1
cg03118960	FOXK1	0.001489904	0.00129005	0.342206	-2.92235	0.0022315	0.557509	-1.79315	0.03549834	0.6649753	-1.50436	0.0388357	0.764734	1.30756	0.015705	1.49706	-1.48491		0.36429	0.880585	-1.13561	0.003406603	2.197171	2.197171	0.69564	1.0609	0.907517	0.1015598	0.015598	0.502107	3.004983	0.263953	1
cg17083575	FOXK1	0.000125812	0.000664021	0.360193	-2.77629	0.269233	0.25287	-1.25287	0.0411899	0.630335	-1.58646	0.0300176	0.604669	-1.64893	0.227018	1.25708	0.793114	-1.26085	0.557428	0.890251	-1.12328	0.000241255	0.304037	-3.28745	0.418668	1.17576	1.17576	0.001038313	0.386098	-2.59002	10.4237	6.373	0.540446	1
cg07713191	FOXK1	0.000162314	0.000951878	0.347663	-2.68959	0.0143101	1.54869	1.54869	0.874089	1.02247	1.02247	0.018625	1.5097	1.5097	0.005437797	0.585121	-1.70905		0.5614314	1.08585	1.08585	0.004680606	0.5777131	-1.73096	0.018192669	1.51046	1.51046	0.031989568	1.426378	1.426378	12.2024	3.737008	0.306457	1
cg27640064	FOXK1	0.000165653	0.179564	1.28755	1.28755	0.1938696	1.62864	1.62864	0.8112817	0.958476	-1.04332	0.000239629	0.340272	-2.93883	0.4011107	1.1646	1.1646		0.9234955	1.01718	1.01718	0.0179949	1.664631	1.664631	0.26609	1.22809	1.22809	0.001559	0.4465566	-2.23931	10.1838	5.0701	0.442543	1
cg21845794	FOXK1	0.000191162	0.859153	1.03651	1.03651	0.307756	0.0008208	-1.23759	0.0285093	0.593422	-1.68154	0.973057	1.00684	1.00684	0.000726472	0.995646	-1.00437		0.543994	0.883738	-1.13202	1.93E-05	0.1397884	0.725569	-1.37823	0.9705	0.970501	0.7958	0.795824	0.907958	6.30758	0.573897	1
cg03642754	FOXK1	0.000261720	0.12141	1.45453	1.45453	0.0354524	1.78631	1.78631	0.06352669	1.63933	1.63933	0.057667	0.601371	-1.66287	7.16E-05	0.180078	-5.55316		0.1707014	0.722001	-1.38466	0.872955	0.9649524	-1.03635	0.932131	1.01919	1.01919	0.008980979	0.475769	-2.10186	9.55753	7.5358	0.70086	1
cg01275887	FOXK1	0.000653373	0.380488	0.721447	-1.3861	0.00285639	0.225434	-4.43627	0.452336	0.7573841	-1.32033	0.1826965	1.67067	1.67067	0.02175303	0.3678037	-2.71859		0.0527888	0.449794	-2.22234	0.000237556	0.1097497	-9.11188	0.001439314	0.187852	-5.32333	0.4095581	0.7363221	-1.3581	8.87457	18.5146	1.85445	1
cg20086916	FOXK1	0.000287308	0.340984	0.793572	-1.26053	0.0009206109	0.219361	-4.55869	0.2023614	0.546545	-1.82967	0.218518	0.7577947	-1.35621	0.000730872	0.2985574	-3.34923		0.5513321	1.15247	1.15247	0.00075	0.6549421	-1.52685	0.43688	1.20453	1.20453	0.0563742	0.6018321	-1.66162	8.668458	7.60943	0.780282	1
cg02746514	FOXK1	0.001616112	0.00437662	0.728734	-1.37234	0.05800231	0.791743	-1.26304	0.3117758	1.1208	1.1208	0.115707	1.20483	1.20483	0.003036364	0.793834	-1.25971		0.4964274	1.12542	1.12542	0.00291654	1.5616	1.5616	0.0003014	1.24083	1.24083	0.426017	1.1542084	1.1542084	13.4283	1.82407	0.167187	1
cg00789173	FOXK1	0.000325635	0.0585291	0.565294	-1.76899	0.35085	1.29211	1.29211	0.0011085	0.2772721	-3.60658	0.3614002	1.28454	1.28454	0.962942	0.987676	-1.01248		0.00203471	0.313203	-3.19282	0.00105111	0.2742343	-3.64641	0.658066	1.12623	1.12623	0.031805	0.5100897	-1.95734	8.35189	9.4221	1.00279	1
cg17091159	FOXK1	0.000389091	0.840059	1.04556	1.04556	0.211473	0.798545	-1.2604	0.2774137	0.796304	-1.30497	0.508885	1.17323	1.17323	0.716105	0.893707	-1.14567		0.4162624	0.823406	-1.21447	0.1318203	0.4794651	-2.05856	0.3982677	1.27971	1.27971	0.149216	0.6965509	-1.43573	7.93116	6.85335	0.780864	1
cg08795598	FOXK1	0.000441043	0.99831	0.999719	-1.00028	0.0963981	0.784727	-1.27433	0.000391459	0.51879	-1.92756	0.148608	1.22844	1.22844	0.827599	0.971451	1.02939		0.0066633	1.59603	1.59603	0.0127916	0.1097	1.4697	0.255219	0.8540868	-1.17087	0.0369177	1.37966	1.37966	0.72604	2.12944	0.248272	1
cg04725442	FOXK1	0.000458018	0.328073	0.74911	-1.33475	0.0866084	1.72403	1.72403	0.0187791	1.66019	1.66019	0.417204	1.29437	1.29437	0.006196353	0.53911	-1.85451		0.0011147	2.12745	2.12745	0.0002782	2.491376	2.491376	0.43832	1.1443	1.1443	0.0002	2.5372	2.5372	12.2784	1.13819	0.0105304	0.511153	1.954902	7.5372	0.803013	1.2286	1
cg13312702	FOXK1	0.00470934	0.587857	0.878087	-1.13884	0.784172	0.936851	-1.06741	0.000504731	0.2747847	-3.63922	0.0779431	0.444122	-2.25164	0.000619426	0.28602	3.49625		0.986182	1.00543	1.00543	0.02875421	0.541813	-1.84566	0.2903411	0.7704485	-1.29788	0.2882295	0.7609567	1.29943	7.47376	6.68223	0.794749	1
cg21684676	FOXK1	0.000498537	0.041725	0.703909	-1.42064	0.0130392	0.630844	-1.58518	0.0714602	1.35133	1.35133	0.276238	1.18459	1.18459	0.000772027	0.463693	2.1566		0.006191	0.586286	-1.70565	0.122404	0.7789497	-1.28453	0.515777	1.10358	1.10358	0.0695288	0.7381125	-1.35478	7.34516	2.60252	0.314949	1
cg23798486	FOXK1	0.000507084	0.508377	0.933641	-1.07108	0.000634842	1.71055	1.71055	0.718637	1.0377	1.0377	0.528377	0.939575	-1.06752	0.012391	0.779074	-1.28367		0.0085934	1.40895	1.40895	0.2442256	1.51336	1.51336	0.0923082	0.8212394	-1.21759	0.0596091	0.804101	-1.24362	9.32713	1.23086	0.147297	1
cg10061235	FOXK1	0.000606842	0.627016	0.916965	-1.09055	0.2732294	0.817241	-1.22363	0.353559	0.8445535	-1.18408	0.218805	1.25523	1.25523	0.000178658	0.325091	-3.07606		0.0631374	1.44773	1.44773	0.0598	1.45641	1.45641	0.729681	0.940441	-1.06333	0.96414	1.00799	1.00799	0.6149	1.43186	0.441155	1
cg05317024	FOXK1	0.000628587	0.008656	0.539367	-1.85353	0.2040539	0.149	-1.6424	0.0105568	0.4152	-2.40849	0.0969755	0.700003	-1.42755	0.004139	0.3114227	3.4253		0.155425	1.12785	1.12785	0.007091	0.8445511	-1.18494	0.2004744	0.907788	-1.41285	0.107103	0.8314247	-1.20027	6.86179	1.17139	0.151624	1
cg10626955	FOXK1	0.000637626	0.0581522	0.630671	-1.58565	0.1030551	0.00417	-2.0047	0.0110104	0.25107	0.20107	0.861933	0.962318	-1.03819	0.0116992	0.507549	1.97025		0.487861	0.859222	-1.16384	0.03312268	0.4188915	-2.3871	0.745168	0.932191	-1.07273	0.406426	0.8329001	-1.20062	6.880784	4.99854	0.65246	1
cg10982851	FOXK1	0.000675763	0.0907563	0.506457	-1.9745	0.00133785	0.182289	-5.48579	0.2862619	0.6674151	-1.49832	0.676336	0.85789	-1.16565	0.02008358	0.359165	-2.78424		0.2240442	0.627301	-1.59413	0.00159972	0.1914751	-5.22262	0.00191565	0.201612	-4.96003	0.04362722	0.4428738	-2.33242	6.68812	14.1188	1.87647	1
cg08787729	FOXK1	0.000736765	0.0407884	0.735137	-1.36015	0.0292607	0.221027	-4.52307	0.0004966	0.2735	-3.65535	0.0021872	0.368604	-2.71281	0.000148	0.2924621	-3.41955		0.0318252	0.743157	0.9287442	-1.07683	0.1250565	-8.00091	0.000912123	0.175965	-5.68264	0.0001	0.2258	0.4431	12.4222	4.73211	0.381252	1
cg01541347	FOXK1	0.00844547	0.493139	0.848947	-1.17793	0.00847653	0.292006	-3.42459	0.0719748	0.623393	-1.60413	0.0536386	2.36966	2.36966	0.593236	0.880859	-1.13526		0.4585675	0.837295	-1.19432	0.567037	0.8872721	-1.14584	0.625	1.12289	1.12289	0.212135	1.36238	1.36238	0.623669	5.46819	0.779359	1
cg04261496	FOXK1	0.00862164	0.0625802	0.634511	-1.57648	0.0268268	0.6135	-1.6355	0.0169185	0.4268585	0.34185	0.0066535137	0.297745	-3.35858	0.078098	0.948565	-1.05422		0.0011147	2.12745	2.12745	0.0002782	2.491376	2.491376	0.43832	1.1443	1.1443	0.0002	2.5372	2.5372	12.2784	1.13819	0.0105304	0.511153	1.954902	7.5372	0.803013	1.2286	1
cg00498010	FOXK1	0.0101055	0.0253235	1.63486	1.63486	0.862093	1.03267	1.03267	0.578741	1.10926	1.10926	0.007945245	1.87613	1.87613	0.555161	0.895531	1.11666		0.0254411	1.612003	-1.63398	0.0628712	1.47241	1.47241	0.00174411	2.28226	2.28226	0.356784	1.19151	1.19151	5.89081	1.18888	0.481183	1
cg22846826	FOXK1	0.01172767	0.00837188	0.5481	-1.82448	0.00196357	0.457931	-2.18374	0.215116	0.792231	-1.26226	0.998851	0.999744	-1.00026	0.297654	1.212531	1.21253		0.0026589	0.476248	-2.09975	0.100178	0.725061	-1.37919	0.0870733	0.71522	-1.39817	0.305441	0.827447	-1.20854	5.61527	2.83328	0.448504	1
cg15176413	FOXK1	0.01124707	0.1198897	0.824155	-1.21315	0.0387584	0.6235	-1.60357	0.0187534	0.4284	-2.33402	0.0099782	0.388896	-2.57238	0.064438	0.932503	-1.07243		0.0079303	1.37405	1.37405	0.2442256	1.51336	1.51336	0.0923082	0.8212394	-1.21759	0.0596091	0.804101	-1.24362	9.32713	1.23086	0.147297	1
cg13287553	FOXK1	0.01270156	0.00489746	0.341744	-2.92617	0.0654371	0.551323	-1.81382	0.00212769	0.288491	-3.46632	0.0542665	0.533156	-1.87562	0.007748177	0.373518	2.67725		0.0175902	0.435268	2.29744	0.130026	0.6244434	-1.60145	0.43502	0.795055	-1.25777	0.0162987	0.42923	-2.32975	5.47088	7.18422	1.16727	1
cg10036013	FOXK1	0.01312151	0.4938867	0.87966	-1.13675	0.4856757	0.14857	-1.68557	0.3023554	0.6511828	-1.53645	0.1634455	1.58639	1.58639	0.122831	0.647033	-2.26205		0.5048327	0.915164	1.08639	0.4977255	0.6107449	-1.63744	0.2477353	0.8507405	-1.17553	0.4613367	0.7917974	-1.26303	5.45102	0.85018	0.76984	1
cg03461110	FOXK1	0.01434221	0.235575	1.68769	1.68769	0.809011	1.10733	1.10733	0.0225223	0.339946	-2.94164	0.363841	1.51727	1.51727	0.15778	0.523863	1.9089		0.1440854	1.08599	1.08599	0.22007	0.314639	-3.17825	0.00151681	0.84174	0.84174	0.81126	0.9041184	1.10597	5.25795	14.7615	2.49551	1
cg26548834	FOXK1	0.01468007	0.0916353	1.45044	1.45044	0.366874	0.830611	-1.20393	0.0294941	0.59856	-1.67068	0.0037772	0.457289	-2.1868	0.0296122	1.66984	1.66984		?	?	?	0.160724	1.34983	1.34983	0.49224	1.14987	1.14987	0.4221147	0.8486602	-1.17841	5.31702	3.00052	0.564323	1
cg00761094	FOXK1	0.01515281	0.4938867	0.87966	-1.13675	0.4856757	0.14857	-1.68557	0.3023554	0.6511828	-1.53645	0.1634455	1.58639	1.58639	0.122831	0.647033	-2.26205		0.7739718	0.856114	-1.16807	0.4977255	0.6107449	-1.63744	0.2477353	0.8507405	-1.17553	0.4613367	0.7917974	-1.26303	5.45102	0.85018	0.76984	1
cg04767732	FOXK1	0.01611119	0.657181	0.908226	-1.10105	0.0695619	0.54874	-1.54874	0.624035	0.899008	-1.11234	0.971848	1.00763	1.00763	0.000390507	0.283217	3.53086		0.661541	0.90948	-1.10959	0.866858	1.03682	1.03682	0.59958	0.892107	-1.12094	0.205457	0.79485	-1.3336	5.05925	3.72156	0.653863	1
cg19155340	FOXK1	0.01639119	0.644763	1.14799	1.14799	0.5611	0.73511	-1.36011	0.2731	0.763612	0.9872	-1.01218	0.389007	1.28579	0.155297	1.55597	1.55597		0.2936344	1.49386	1.49386	0.462001	1.32108	1.32108	0.0015269	0.4263	0.4263	0.219024	0.619706	-1.61474	4.9077	0.95946	0.195442	1
cg07093140	FOXK1	0.01692119	0.126788	0.71316	-1.40221	0.196366	0.75607	-1.32263	0.00376645	0.448842	-2.22795	0.0763789	0.667959	-1.4971	0.809272	0.95171	-1.05074		0.5437337	0.881798	-1.13405	0.00556843	2.10716	2.10716	0.912144	0.977662	-1.02285	0.178707	0.746449	-1.33968	4.76914	3.16453	0.589817	1
cg22466400	FOXK1	0.01705013	0.0877084	0.617453	-1.61955	0.2293972	0.4	-2.5	0.0105568	0.4152	-2.40849	0.0969755	0.700003	-1.42755	0.004139	0.3114227	3.4253		0.1554025	1.12785	1.12785	0.007091	0.8445511	-1.18494	0.2004744	0.907788	-1.41285	0.107103	0.8314247	-1.20027	6.86179	1.17139	0.151624	1
cg10629955	FOXK1	0.01706819	0.00637626	0.508151	-1.96755	0.1003551	2.00417	2.00417	0.0101004	2.01107	2.01107	0.861933	0.962318	-1.03819	0.0116992	0.507549	1.97025		0.487861	0.859222	-1.16384	0.03312268	0.4188915	-2.3871	0.745168	0.932191	-1.07273	0.406426	0.8329001	-1.20062	6.880784	4.99854	0.65246	1
cg10982851	FOXK1	0.01706819	0.00675763	0.506457	-1.9745	0.00133785	0.182289	-5.48579	0.2862619	0.6674151	-1.49832	0.676336	0.85789	-1.16565	0.02008358	0.359165	-2.78424		0.2240442	0.627301	-1.59413	0.00159972	0.1914751	-5.22262	0.00191565	0.201612	-4.96003	0.04362722	0.4428738	-2.33242	6.68812	14.1188	1.87647	1
cg08787729	FOXK1	0.01706819	0.00736765	0.506457	-1.9745	0.00133785	0.182289	-5.48579	0.2862619	0.6674151	-1.49832	0.676336	0.85789	-1.16565	0.02008358	0.359165	-2.78424		0.0318252	0.743157	0.9287442	-1.07683	0.1250565	-8.00091	0.000912123	0.175965	-5.68264	0.0001	0.2258	0.4431	12.4222	4.73211	0.381252	1
cg27496570	FOXK1	0.02070524	0.135571	0.660019	-1.51511	0.026661	0.507414	-1.97078	0.0498909	0.561212	-1.78186	0.016985	2.12099	2.12099	0.190214	0.698838	-1.43095		0.2208434	0.717165	-1.39438	0.190858	0.699244	-1.43012	0.0642052	1.71116	1.71116	0.631949	0.681049	-1.46832	4.23878	4.78486	0.939234	1
cg05908401	FOXK1	0.02079643	0.508469	1.07413	1.07413	0.260737	0.824049	-1.2132	0.3662266	0.706054	-1.42036	0.2375921	0.861591	-1.16115	0.0995014	0.552457	1.80921		0.4626335	0.851954	1.00554	0.9454597	1.49621	-1.49621	0.0961514	1.00521	1.00521	0.7155993	1.093772	1.93602	0.754231	0.570983	1	
cg22581896	FOXK1	0.02081565	0.370606	0.760606	0.0788691	3.10155	1.10155	0.226983	0.68704	1.23318	0.2089614	0.0395181	0.97953	0.97953	0.515565	1.46651	1.46651		0.0732055	0.13842	1.13842	0.0384027	2.486098	-4.02095	0.000590441	0.07842	0.07842	0.0128212	1.91264	1.91264	5.41124	2.0214	0.47366	1
cg21377936	FOXK1	0.02083911	0.972889	1.00473	1.00473	0.146539	0.31049	0.31049	0.247907	1.23318	1.23318	0.0695634	1.42218	1.42218	0.0729424	0.548604	-1.82281		0.894247	1.02335	1.02335	0.0145715	1.6855	1.6855	0.227018	1.24616	1.24616	0.154225	1.30296	1.30296	0.13855	1.88158	0.423845	1
cg07730671	FOXK1	0.02139363	0.1239664	1.43664	1.43664	0.0387584	0.6235	-1.60357	0.0187534	0.4284	-2.33402	0.0099782	0.388896	-2.57238	0.064438	0.932503	-1.07243		0.0079303	1.37405	1.37405	0.2442256	1.51336	1.51336	0.0923082	0.8212394	-1.21759	0.0596091	0.804101	-1.24362	9.32713	1.23086	0.147297	1
cg06496454	FOXK1	0.02153027	0.0843152	1.91805	1.91805	0.440514	1.30748	1.30748	0.187215	0.620992	-1.61033	0.164675	1.65741	1.65741	0.006666233	0.301256	-3.31944		?	?	?	0.160724	1.34983	1.34983	0.49224	1.14987	1.14987	0.4221147	0.8486602	-1.17841	5.31702	3.00052	0.564323	1
cg09200221	FOXK1	0.02154718	0.4443352	0.851958	-1.17377	0.605431	1.11302	1.11302	0.00462499	0.461066	-2.16889	0.0998839	0.664476	-1.50485	0.422364	0.844919	-1.18355		0.1784697	0.782005	1.04491	0.8944019	1.78697	-1.78697	0.0128464	1.05864	1.05864	0.4092944	1.18936	1.18936	0.57987	0.594853	1	
cg07044458	FOXK1	0.02156355	0.6934339	1.21607	1.21607	0.323172	0.16584	1.65844	0.357069	0.626444	-1.59631	0.826815	1.27209	1.27209	0.010181	0.0901941	-11.0872		0.046013	1.34399	-1.08263	0.496625	0.7712931	-1.44266	0.965141	1.02181	1.02181	0.580965	0.759356	-1.31691	3.84157	14.7298	3.43241	1
cg02988764	FOXK1	0.02176628	0.631429	1.15469	1.15469	0.00632966	2.8803	2.8803	0.403015	1.29003	1.29003	0.0004461	1.74222	1.74222	0.507664	0.818725	-1.12141		0.78994	0.923622	-1.08269	0.0426589	0.499344	-2.00263	0.0205755	2.29352	2.29352	0.992721	0.997288	-1.00272	3.76539	5.28105	1.24669	1
cg06362078	FOXK1	0.02190553	0.810655	1.03664	1.03664	0.292607	0.221027	-4.52307	0.0004966	0.2735	-3.65535	0.0021872	0.368604	-2.71281	0.000148	0.2924621	-3.41955		0.7952024	0.996459	1.00369	0.9933877	1.0143	-1.0143	0.9884	0.9988	-1.00208	0.4314415	1.1344	1.1344	0.56432	1.18372	1.84702	1
cg15384972	FOXK1	0.02423874	0.563657	0.918314	-1.08895	0.211209	1.21201	1.21201	0.70125	0.946981	-1.05599	0.585028	0.922661	-1.08382	0.453938	1.11624	1.11624		0.00701081	1.66355	1.66355	0.00413805	1.75283	1.75283	0.931137	0.987463	-1.0127	0.577826	0.922104	1.08554	3.60502	1.21666	0.299991	1
cg06031941	FOXK1	0.02423881	0.41593	1.09403	1.09403	0.00207827	2.13732	2.13732	0.623813	0.8567657	-1.16731	0.0995264	1.24241	1.24241	0.145088	0.804937	-1.24278		0.3252137	0.00704	-1.50968	0.1183757	0.7813	0.4868494	-2.05421	0.0139495	0.7212312	0.577169	0.8259359	1.21057	3.59147	0.77337	0.215429	1
cg02443483	FOXK1	5.07E-05	1.02E-05	0.272109	-3.675	0.265827	1.17296	1.17296	0.000218077	0.428177	-2.33548	1.87E-05	0.301635	-3.31527	0.734044	0.954165	1.04804		0.5528575	0.92072	-1.08611	0.826	0.379202	-2.63711	0.417537	1.12074	1.12074	0.271035	0.85414	-1.17077	26.5222	7.95128	0.266487	1
cg26176014	FOXK1	0.00017563	0.0227458	1.51651	1.51652	0.036655	1.44897	1.44897	0.0295337	0.676098	-1.47908	0.00866798	0.466044	-2.14572	5.50E-06	0.208282	4.80118		0.582773	0.91875	-1.08844	0.0203548	0.652392	-1.53282	0.493225

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13277963	FOXN3;FOXN3	0.0383131	0.286213	0.765481	-1.30637	0.188698	0.714589	-1.39941	0.164401	1.43043	1.43043	0.751249	0.926131	-1.07976	0.00591214	0.419409	-2.38431
cg26921187	FOXN3;FOXN3	0.0485351	0.343695	0.750556	-1.33235	0.608481	1.16414	1.16414	0.838726	0.941814	-1.06178	0.161047	1.55328	1.55328	0.394774	1.29227	1.29227
cg05923056	FOXN3;FOXN3;FOXN3	0.0172008	0.262141	1.10315	1.10315	0.441498	1.06811	1.06811	0.0700655	1.18535	1.18535	0.00785588	1.33159	1.33159	0.390408	1.07669	1.07669
cg01838853	FOXN4	0.00258662	0.0204553	0.589593	-1.69609	0.0201068	0.588383	-1.69957	0.00016056	0.295399	-3.38526	0.0181855	0.58135	-1.72013	0.000369728	0.340238	-2.93912
cg15631781	FOXN4	0.00277245	0.0414224	0.603617	-1.65668	0.985376	0.996074	-1.00394	0.00449414	0.443531	-2.25463	0.201986	1.33531	1.33531	0.00115174	0.358695	-2.78788
cg07480495	FOXN4	0.0031218	0.727382	1.03986	1.03986	0.00178584	0.608624	-1.64305	0.661159	0.951931	-1.0505	0.0221822	0.736194	-1.35834	0.318854	0.891308	-1.12195
cg12219963	FOXN4	0.00561784	0.196883	0.804381	-1.24319	0.699382	0.939968	-1.06387	0.0165816	0.626953	-1.59502	0.847526	0.969754	-1.03119	0.000155355	0.35575	-2.81096
cg01779747	FOXN4	0.0106401	0.0196567	0.656048	-1.52428	0.365699	0.870225	-1.14913	0.802886	1.03812	1.03812	0.0175764	0.649129	-1.54053	0.0577793	0.725528	-1.37831
cg02033206	FOXN4	0.0122951	0.833241	0.966005	-1.03519	0.00711985	0.565387	-1.7687	0.00154378	0.473744	-2.11084	0.0653319	0.712215	-1.40407	0.327884	0.847327	-1.18018
cg16561911	FOXN4	0.0217529	0.0259776	0.601086	-1.66366	0.98802	1.0029	1.0029	0.992728	0.998246	-1.00176	0.0670979	1.48478	1.48478	0.00699094	0.510746	-1.95792
cg23599850	FOXN4	0.0371346	0.0702818	0.544202	-1.83755	0.36001	0.753529	-1.32709	0.0139189	0.401084	-2.49324	0.338292	0.743179	-1.34557	0.0985394	0.579978	-1.7242
cg11857392	FOXN4	0.0431521	0.956727	1.03043	1.03043	0.0179187	4.90008	4.90008	0.0386457	3.75486	3.75486	0.517049	0.695672	-1.43746	0.26769	0.528442	-1.89236
cg22326903	FOXN4;FOXN4	0.000501345	0.0800517	0.739546	-1.35218	0.121056	1.29845	1.29845	0.138835	1.28085	1.28085	0.0961551	0.752881	-1.32823	0.128656	1.29062	1.29062
cg10696351	FOXO1	0.000412937	0.00269454	0.365105	-2.73894	0.00132371	0.321461	-3.11079	0.00128477	0.319691	-3.12802	0.0023616	0.356786	-2.8028	9.00E-05	0.182266	-5.48649
cg18368845	FOXO1	0.000666942	0.00672913	0.365184	-2.73835	0.0264062	0.470155	-2.12696	0.0197685	0.446236	-2.24097	0.152804	0.644706	-1.55109	8.88E-06	0.0631647	-15.8316
cg05378941	FOXO1	0.000964624	0.0877964	0.878778	-1.13794	0.217856	0.915552	-1.09224	0.132349	1.11737	1.11737	0.00961474	1.25854	1.25854	0.00941198	0.79375	-1.25984
cg24858665	FOXO1	0.00320932	0.0600894	0.641376	-1.55915	0.000413176	0.309207	-3.23407	0.0550935	0.634172	-1.57686	0.0619228	0.643891	-1.55306	0.00243667	0.413353	-2.41924
cg03839252	FOXO1	0.0141966	0.941048	1.01132	1.01132	0.000474185	0.433645	-2.30604	0.269528	1.19128	1.19128	0.068547	1.36393	1.36393	0.393139	1.14243	1.14243
cg26611683	FOXO1	0.0235678	0.014994	0.350041	-2.85681	0.0441555	0.44413	-2.25159	0.0541909	0.464404	-2.1533	0.956914	0.981214	-1.01915	0.0249815	0.392083	-2.55048
cg09000385	FOXO1	0.0401214	0.492979	0.600328	-1.66576	0.00887215	0.0870791	-11.4838	0.0495859	0.193625	-5.16462	0.353606	0.496843	-2.01271	0.00254434	0.0464663	-21.521
cg10318492	FOXO1	0.0469471	0.251388	0.694466	-1.43995	0.228159	1.46942	1.46942	0.0152689	2.4753	2.4753	0.270221	0.705177	-1.41808	0.63176	0.863366	-1.15826
cg16370720	FOXO3;FOXO3	0.00386447	0.0267793	1.70978	1.70978	0.00248139	2.36252	2.36252	0.000143005	3.81967	3.81967	0.336128	1.22476	1.22476	0.0353381	1.65034	1.65034
cg05008218	FOXO3;FOXO3	0.00522558	0.0945879	0.773485	-1.29285	0.451418	1.11322	1.11322	0.106799	1.27907	1.27907	0.248517	0.844827	-1.18367	0.00993175	0.634295	-1.57655
cg06211904	FOXO3;FOXO3	0.00639535	0.0310808	0.427946	-2.33674	0.0091634	0.329589	-3.03408	0.00102433	0.195444	-5.11656	0.133615	0.581221	-1.72052	0.371559	0.735133	-1.3603
cg09865955	FOXO3;FOXO3	0.00702367	0.332304	0.80185	-1.24712	0.747384	0.931131	-1.07396	0.300369	0.789025	-1.26739	0.442566	0.841245	-1.18871	0.4265	0.835872	-1.19636
cg12664806	FOXO3;FOXO3	0.00964952	0.00103055	1.80678	1.80678	0.00562508	0.642665	-1.55602	0.25552	0.865542	-1.15535	0.141499	1.21206	1.21206	0.324207	1.13185	1.13185
cg21184115	FOXO3;FOXO3	0.0121986	0.581821	0.88809	-1.12601	0.0192301	1.82998	1.82998	0.00782631	2.07159	2.07159	0.00528785	2.19122	2.19122	0.616132	0.897759	-1.11388
cg08345465	FOXO3;FOXO3	0.0127976	0.865905	1.02709	1.02709	0.0285084	1.50493	1.50493	0.250807	1.20896	1.20896	0.0971744	0.749845	-1.33361	0.00454419	0.550021	-1.81811
cg26019258	FOXO3;FOXO3	0.0154487	0.474438	1.10653	1.10653	0.342609	1.14575	1.14575	0.552144	0.919707	-1.0873	0.759942	1.04357	1.04357	0.122426	0.792204	-1.2623
cg08792630	FOXO3;FOXO3	0.0183137	0.105209	1.46358	1.46358	0.0742005	0.651772	-1.53428	0.0202179	1.82677	1.82677	0.0828789	0.661542	-1.51162	0.167488	0.728647	-1.37241
cg21434327	FOXO3;FOXO3	0.019599	0.114497	0.551138	-1.81443	0.696423	1.14577	1.14577	0.0191807	2.67384	2.67384	0.00582446	3.50169	3.50169	0.187632	0.615919	-1.62359
cg03861593	FOXO3;FOXO3	0.0330739	0.321701	1.81711	1.81711	0.191236	0.444704	-2.24869	0.0185522	0.181029	-5.52398	0.0267901	0.20919	-4.78034	0.615143	0.744808	-1.34263
cg12801619	FOXO3;FOXO3	0.0345481	0.0420902	0.17709	-5.64684	0.00370899	0.0551322	-18.1382	0.0248477	0.138891	-7.19989	0.895678	1.10182	1.10182	0.0888641	0.24979	-4.00336
cg14618923	FOXO3;FOXO3	0.0486839	0.0204314	0.140968	-7.0938	0.154925	0.343871	-2.90806	0.258372	0.437355	-2.28647	0.366084	0.521429	-1.91781	0.113019	0.298327	-3.35202
cg12416929	FOXO3;FOXO3;FOXO3	0.0151034	0.265395	1.18653	1.18653	0.0080717	0.606545	-1.64868	0.0055762	0.584821	-1.70992	0.112898	0.775482	-1.28952	0.61517	1.07755	1.07755
cg27523218	FOXO4;FOXO4	0.0055495	0.00662106	0.436254	-2.29224	0.000145287	0.214523	-4.66151	0.0188686	0.512035	-1.95299	0.204769	0.729861	-1.37012	0.157474	0.700648	-1.42725
cg21166191	FOXO4;FOXO4	0.0133037	0.151	0.601075	-1.66368	0.000652295	0.177528	-5.63291	0.0850463	0.532668	-1.87734	0.57588	1.20556	1.20556	0.00882772	0.331955	-3.01246
cg14331226	FOXO4;FOXO4	0.0161951	0.0171548	0.350641	-2.85192	0.176851	0.595741	-1.67858	0.335535	0.698862	-1.4309	0.154967	0.577431	-1.73181	0.0367368	0.416651	-2.40009
cg15309862	FOXO4;FOXO4	0.0301284	0.163723	1.46988	1.46988	0.00444242	0.373916	-2.6744	0.47134	0.827045	-1.20912	0.0328012	1.91014	1.91014	0.0735586	0.59629	-1.67704
cg14771313	FOXP1	0.000115164	4.15E-05	0.108659	-9.20307	0.122539	0.621465	-1.6091	0.0355738	0.498835	-2.00467	0.00716066	0.372657	-2.68343	1.55E-05	0.0787685	-12.6954
cg02002523	FOXP1	0.000463739	0.192491	0.761833	-1.31262	0.0127133	0.543004	-1.84161	0.895877	0.974509	-1.02616	0.36284	0.831572	-1.20254	4.40E-06	0.124173	-8.0533
cg22076311	FOXP1	0.000848523	9.92E-05	0.043153	-23.1733	0.0119543	0.240096	-4.16499	0.0513864	0.364562	-2.74301	0.0173848	0.267796	-3.73418	0.000890876	0.103928	-9.62202
cg23067085	FOXP1	0.00102632	0.000285682	0.0776933	-12.8711	0.003753	0.18499	-5.40571	0.00719703	0.22398	-4.46468	0.00523381	0.204196	-4.89725	0.000854055	0.115227	-8.6785
cg20891481	FOXP1	0.00150766	0.00170425	0.0929233	-10.7616	0.0019339	0.0980085	-10.2032	0.000994576	0.0734259	-13.6192	0.0246354	0.252662	-3.95786	0.00293256	0.116228	-8.60376
cg14039999	FOXP1	0.00155589	0.455203	0.945685	-1.05744	0.000319606	1.53378	1.53378	0.132399	0.88761	-1.12662	0.312013	1.07982	1.07982	0.53653	0.955087	-1.04702
cg18166376	FOXP1	0.00204867	0.000663862	0.0888878	-11.2501	0.0730523	0.39516	-2.53062	0.326479	0.62471	-1.60074	0.0357637	0.32153	-3.11013	0.000478991	0.0784618	-12.7451
cg04320255	FOXP1	0.00288829	0.0117426	0.186468	-5.36284	0.000397537	0.0493871	-20.2482	0.000334663	0.0456388	-21.9112	0.0451127	0.293284	-3.40966	0.0129199	0.192708	-5.18919
cg25481160	FOXP1	0.00320328	0.0236524	0.261023	-3.83107	0.00167926	0.107212	-9.32729	0.00293698	0.131218	-7.62092	0.00923758	0.19347	-5.16876	0.0202817	0.248753	-4.02005
cg13240253	FOXP1	0.00368033	0.46662	1.15647	1.15647	0.00793823	0.512748	-1.95028	0.00282344	0.446139	-2.24146	0.466027	0.864528	-1.1567	0.0320115	1.63721	1.63721
cg20525486	FOXP1	0.00474546	0.0177568	0.165096	-6.05709	0.00214372	0.067606	-14.7916	0.0066022	0.110404	-9.05764	0.0141883	0.150971	-6.62378	0.00904743	0.125802	-7.949
cg01331540	FOXP1	0.00549627	0.105782	1.28519	1.28519	0.000272968	0.42871	-2.33258	0.0159692	0.657727	-1.52039	0.0302946	0.69652	-1.43571	0.639241	1.06935	1.06935
cg21423741	FOXP1	0.0058415	0.00971607	0.495947	-2.01634	0.0223861	0.556191	-1.79795	0.0190111	0.544024	-1.83815	0.411828	0.835348	-1.19711	0.445514	0.846424	-1.18144
cg21836903	FOXP1	0.00654127	0.00132975	0.0909905	-10.9902	0.0968225	0.392127	-2.55019	0.0279673	0.263508	-3.79495	0.0140189	0.210541	-4.74967	0.00350461	0.130797	-7.64541
cg21910363	FOXP1	0.00810964	0.0837351	1.40848	1.40848	0.0116064	0.568555	-1.75885	0.143562	0.754835	-1.32479	0.905008	1.02159	1.02159	0.232224	1.25133	1.25133
cg21379733	FOXP1	0.00975779	0.0133241	0.232099	-4.30851	0.00202714	0.12577	-7.95103	0.0101487	0.2134	-4.68603	0.418184	0.674303	-1.48301	0.00557515	0.176542	-5.66437
cg18170784	FOXP1	0.0097998	0.0063176	1.33985	1.33985	0.767358	0.97589	-1.02471	0.026533	1.24151	1.24151	0.413384	0.93352	-1.07121	0.716689	0.970464	-1.03044
cg06175008	FOXP1	0.0122731	0.256085	0.774856	-1.29056	0.118294	0.694278	-1.44035	0.0498589	0.61799	-1.61815	0.0102753	0.498607	-2.00559	0.139861	1.40746	1.40746
cg06033488	FOXP1	0.0127685	0.00121215	0.229224	-4.36255	0.309271	0.720959	-1.38704	0.25198	1.45077	1.45077	0.698501	1.12865	1.12865	0.00236319	0.267506	-3.73823
cg02692441	FOXP1	0.018239	0.00487127	0.152963	-6.53752	0.0811915	2.56997	2.56997	0.398867	1.51658	1.51658	?	?	?	?	?	?
cg16510530	FOXP1	0.0223725	0.3696	0.751048	-1.33147	0.206818	0.661234	-1.51232	0.153396	0.621909	-1.60795	0.614932	1.17069	1.17069	0.00114175	0.226228	-4.42033
cg19776833	FOXP1	0.0245484	0.0196736	0.297842	-3.35749	0.567901	1.28164	1.28164	0.00818815	4.28174	4.28174	0.396604	1.45228	1.45228	0.0216023	0.305497	-3.27336
cg22828884	FOXP1	0.0275361	0.249238	0.797697	-1.25361	0.0309855	0.621673	-1.60856	0.0695968	0.683242	-1.46361	0.0654105	0.678306	-1.47426	0.89863	1.02421	1.02421
cg11570931	FOXP1	0.0276272	0.186436	0.68269	-1.46479	0.671193	1.12341	1.12341	0.749143	0.91628	-1.09137	0.13434	1.55268	1.55268	0.00347891	0.339352	-2.94679
cg01511742	FOXP1	0.0352396	0.0376264	0.127953	-7.81537	0.00636253	0.0484203	-20.6525	0.00304411	0.0313965	-31.8507	0.304302	0.403732	-2.47689	0.0365789	0.126052	-7.93326
cg18342703	FOXP1;FOXP1	5.37E-05	0.000152385	0.300948	-3.32283	1.48E-05	0.189658	-5.27265	2.85E-05	0.21855	-4.57562	0.0010751	0.409483	-2.4421	0.000954453	0.402527	-2.4843
cg25457604	FOXP1;FOXP1	0.000418929	0.00425149	0.553657	-1.80617	0.839379	1.03186	1.03186	0.0676532	1.37208	1.37208	0.355479	1.15821	1.15821	0.000478004	0.428643	-2.33294
cg07368857	FOXP1;FOXP1	0.000996919	0.00209449	0.0766974	-13.0382	0.00593463	0.118281	-8.45441	0.00284266	0.0874052	-11.441	0.0213766	0.193879	-5.15786	0.00228637	0.0796554	-12.5541
cg01534217	FOXP1;FOXP1	0.00119999	0.367132	1.17133	1.17133	0.0232924	1.5885	1.5885	0.00222296	2.07807	2.07807	0.428062	0.871006	-1.1481	0.329267	1.18751	1.18751
cg14564722	FOXP1;FOXP1	0.00144215	0.0321679	0.655149	-1.52637	0.00208502	0.481879	-2.07521	0.324514	1.18705	1.18705	0.436219	1.14324	1.14324	0.00252333	0.493243	-2.0274
cg05384123	FOXP1;FOXP1	0.00516894	0.0119994	0.236466	-4.22894	0.000450363	0.0784303	-12.7502	0.0639138	0.383566	-2.60712	0.320667	0.623661	-1.60343	0.0138561	0.246769	-4.05238
cg18267131	FOXP1;FOXP1	0.00529911	0.00487427	0.228016	-4.38566	0.00147671	0.162468	-6.15507	0.00380985	0.213166	-4.69118	0.891588	0.947414	-1.0555	0.00155021	0.164833	-6.06676
cg09611620	FOXP1;FOXP1	0.00770741	0.0231808	0.522036	-1.91558	0.519197	1.16939	1.16939	0.00249458	0.365593	-2.73528	0.0123691	0.474373	-2.10805	0.00510221	0.412194	-2.42604
cg21487363	FOXP1;FOXP1	0.00888507	0.779571	1.04273	1.04273	0.211928	0.821933	-1.21664	0.000496163	0.443565	-2.25446	0.13444	0.786085	-1.27213	0.335644	1.15958	1.15958
cg08489512	FOXP1;FOXP1	0.00968411	0.847578	0.959408	-1.04231	0.109983	0.687178	-1.45523	0.0369599	0.593489	-1.68495	0.0341558	0.587246	-1.70286	0.000403272	0.297769	-3.35831
cg25356639	FOXP1;FOXP1	0.00970254	0.00309216	0.152284	-6.56668	0.017549	0.260922	-3.83257	0.993564	1.00376	1.00376	0.223781	0.55204	-1.81146	0.211377	0.542224	-1.84426
cg05098381	FOXP1;FOXP1	0.0109983	0.635021	0.874301	-1.14377	0.494003	1.21546	1.21546	0.740372	1.09792	1.09792	0.0152256	2.31022	2.31022	0.000541693	0.220721	-4.53061
cg07475026	FOXP1;FOXP1	0.0126958	0.0681865	0.428537	-2.33352	0.00631263	0.228594	-4.37456	0.000871548	0.12591	-7.94221	0.756623	0.878981	-1.13768	0.0243462	0.328418	-3.0449
cg15958828	FOXP1;FOXP1	0.0185812	0.660757	0.94288	-1.06058	0.015522	0.673459	-1.48487	0.111377	0.793775	-1.2598	0.0235085	0.697452	-1.43379	0.0295474	1.4067	1.4067
cg04991071	FOXP1;FOXP1	0.0199368	0.00480272	0.543611	-1.83955	0.0473031	1.44724	1.44724	0.0454565	0.688195	-1.45308	0.618746	1.08514	1.08514	0.0116812	0.598543	-1.67072
cg23234756	FOXP1;FOXP1	0.0217917	0.375764	0.792842	-1.26129	0.0354147	0.534998	-1.86916	0.0122516	0.450758	-2.21848	0.0587169	0.579682	-1.72508	0.0987693	0.62986	-1.58765
cg14843831	FOXP1;FOXP1	0.0226356	0.268479	0.886544	-1.12797	0.0579911	0.79939	-1.25095	0.0193297	0.744103	-1.3439	0.691345	0.959161	-1.04258	0.0612512	0.802235	-1.24652
cg17803993	FOXP1;FOXP1	0.0272704	0.0088297	0.0872173	-11.4656	0.0908025	0.255825	-3.90892	0.119896	0.290951	-3.437	0.155088	0.328455	-3.04456	0.0131984	0.105604	-9.46931
cg21860675	FOXP1;FOXP1	0.0313435	0.00485964	0.0842102	-11.875	0.256429	0.456132	-2.19235	0.0565543	0.239212	-4.18039	0.0654946	0.254125	-3.93507	0.0118834	0.124833	-8.01069
cg08215925	FOXP1;FOXP1	0.0324807	0.000671358	0.0567404	-17.6241	0.588826	0.740099	-1.35117	0.340671	1.71864	1.71864	0.364617	1.67159	1.67159	0.973721	1.01833	1.01833
cg15556723	FOXP1;FOXP1	0.0369981	0.699937	0.925271	-1.08076	0.738691	1.06945	1.06945	0.391794	1.19239	1.19239	0.0124933	0.536192	-1.865	0.028846	0.596372	-1.67681
cg20115117	FOXP1;FOXP1	0.0378087	0.0172629	0.213532	-4.68313	0.0826368	0.359456	-2.78198	0.00539563	0.142324	-7.0262	0.375159	0.616006	-1.62336	0.0247494	0.241012	-4.14917
cg00386925	FOXP1;FOXP1	0.0402669	0.340613	0.585055	-1.70924	0.0166311	0.202658	-4.93443	0.0246251	0.232033	-4.30973	0.101428	0.37572	-2.66155	0.0409352	0.275876	-3.62481
cg10452974	FOXP1;FOXP1	0.0420787	0.415354	0.85565	-1.1687	0.00287611	0.464071	-2.15484	0.1976	0.774901	-1.29049	0.0496092	0.657421	-1.52109	0.251242	0.798944	-1.25165
cg25811633	FOXP1;FOXP1	0.044853	0.0175772	0.366742	-2.72671	0.0357362	0.428079	-2.33602	0.0553861	0.470509	-2.12536	0.183622	0.612754	-1.63198	0.00746488	0.302405	-3.30683
cg23748352	FOXP2;FOXP2;FOXP2	0.00152927	0.24733	1.16806	1.16806	0.00330706	0.598184	-1.67173	0.0581745	0.759597	-1.31649	0.821214	1.0295	1.0295	0.00838197	1.54118	1.54118
cg17356750	FOXP2;FOXP2;FOXP2	0.015366	0.272706	0.808372	-1.23705	0.0071401	0.523392	-1.91061	0.00239864	0.45464	-2.19954	0.13945	0.743517	-1.34496	0.674342	1.08194	1.08194
cg01754290	FOXP2;FOXP2;FOXP2	0.0193326	0.0786024	0.53183	-1.8803	0.816089	0.927461	-1.07821	0.0455003	0.476465	-2.09879	0.0124105	0.365725	-2.7343	0.00257038	0.258934	-3.86198
cg20050108	FOXP2;FOXP2;FOXP2	0.0198202	0.00989884	0.172877	-5.78447	0.0244799	0.236107	-4.23537	0.194135	0.47717	-2.09569	0.155198	0.440758	-2.26882	0.00606622	0.145136	-6.89007
cg03504834	FOXP2;FOXP2;FOXP2	0.0216072	0.01893	0.167695	-5.96322	0.0377699	0.220099	-4.54341	0.441333	0.610623	-1.63767	0.337962	0.537626	-1.86003	0.0245363	0.185838	-5.38104
cg02647628	FOXP2;FOXP2;FOXP2	0.0299486	0.019419	0.195627	-5.11177	0.0204901	0.199498	-5.01259	0.326768	0.557386	-1.79409	0.309495	0.544881	-1.83526	0.00867013	0.144915	-6.90061
cg02033323	FOXP3;FOXP3	0.000153816	0.317693	1.22067	1.22067	0.0230883	0.591849	-1.68962	0.0271778	0.603653	-1.65658	0.883584	0.97211	-1.02869	3.27E-06	0.119575	-8.36298
cg08884343	FOXP3;FOXP3	0.000205574	0.350969	1.2048	1.2048	0.000129198	0.274966	-3.63682	0.000720833	0.368392	-2.7145	0.00182976	0.423437	-2.36163	7.34E-05	0.246725	-4.05309
cg16350494	FOXP3;FOXP3	0.000379708	0.100176	1.45097	1.45097	0.745003	0.934784	-1.06977	0.0104219	0.513504	-1.9474	0.411539	1.18949	1.18949	6.04E-06	0.122933	-8.1345
cg04920616	FOXP3;FOXP3	0.00811561	0.523481	0.854425	-1.17038	0.00225338	0.353357	-2.83	0.294075	0.767357	-1.30317	0.849676	1.04725	1.04725	0.000266928	0.233161	-4.28888
cg06767008	FOXP3;FOXP3	0.00979265	0.124776	0.533793	-1.87338	0.0120444	0.306399	-3.26371	0.0686802	0.463124	-2.15925	0.0635317	0.454714	-2.19918	0.00514652	0.247642	-4.03809
cg10858077	FOXP3;FOXP3;FOXP3;FOXP3	0.000996016	0.0419772	0.520313	-1.92192	0.84495	0.946882	-1.0561	0.00443943	0.347074	-2.88123	0.012121	0.418221	-2.39108	0.000317164	0.196747	-5.08266
cg19565710	FOXP4;FOXP4;FOXP4	9.69E-05	0.740267	0.978418	-1.02206	0.000635234	1.4108	1.4108	0.304633	1.07221	1.07221	0.000832941	1.39081	1.39081	1.39E-05	1.81325	1.81325
cg14615192	FOXP4;FOXP4;FOXP4	0.00214001	0.488927	1.10373	1.10373	0.000406848	2.20054	2.20054	0.0981267	1.29008	1.29008	0.0222933	0.680787	-1.46889	0.00925277	1.58994	1.58994
cg26432961	FOXP4;FOXP4;FOXP4	0.00315862	0.0072914	0.550578	-1.81627	0.00866526	0.561536	-1.78083	0.000449114	0.38501	-2.59734	0.0599575	0.693497	-1.44197	0.000323485	0.366814	-2.72618
cg21164975	FOXP4;FOXP4;FOXP4	0.00336654	0.898969	0.972035	-1.02877	0.00035222	0.277464	-3.60407	0.714283	0.921173	-1.08557	0.0403839	1.69674	1.69674	0.00120964	0.347065	-2.8813
cg04617914	FOXP4;FOXP4;FOXP4	0.00368237	0.00471626	0.400125	-2.49922	0.00259108	0.361163	-2.76883	0.0133969	0.473699	-2.11104	0.0545322	0.587354	-1.70255	0.00114767	0.311603	-3.20921
cg15760474	FOXP4;FOXP4;FOXP4	0.00475701	0.00870754	4.59502	4.59502	0.0483247	2.79896	2.79896	0.135767	2.0821	2.0821	0.0471197	2.81906	2.81906	0.00635274	5.05609	5.05609
cg20194872	FOXP4;FOXP4;FOXP4	0.00611256	0.0552338	0.726828	-1.37584	0.962534	0.993127	-1.00692	0.00504788	0.580184	-1.72359	0.0304574	0.688388	-1.45267	0.00077658	0.473949	-2.10993
cg10571987	FOXP4;FOXP4;FOXP4	0.00937296	0.0333073	3.97203	3.97203	0.00085741	16.0583	16.0583	0.0622918	3.20128	3.20128	0.3726	1.6612	1.6612	0.592225	0.740979	-1.34957
cg07588430	FOXP4;FOXP4;FOXP4	0.00937687	0.00275062	6.49115	6.49115	0.0145916	3.9027	3.9027	0.165414	0.511829	-1.95378	0.683798	1.20367	1.20367	0.544248	1.32029	1.32029
cg13816423	FOXP4;FOXP4;FOXP4	0.0139077	0.00848402	0.311998	-3.20515	0.0450335	0.450542	-2.21955	0.619813	0.840829	-1.1893	0.0910913	0.524583	-1.90628	0.0146815	0.352989	-2.83295
cg18497508	FOXP4;FOXP4;FOXP4	0.0153276	0.0273258	5.91662	5.91662	0.00638712	11.2033	11.2033	0.140127	2.94668	2.94668	0.0853412	3.65089	3.65089	0.450906	1.68707	1.68707
cg20847580	FOXP4;FOXP4;FOXP4	0.0220534	0.194941	1.89136	1.89136	0.002071	7.50805	7.50805	0.0621836	2.65382	2.65382	0.77772	1.14061	1.14061	0.125869	2.15954	2.15954
cg05734456	FOXP4;FOXP4;FOXP4	0.0234708	0.323593	0.608053	-1.64459	0.306507	1.67634	1.67634	0.0245302	3.69574	3.69574	0.943989	1.03488	1.03488	0.00868017	0.195486	-5.11545
cg03127034	FOXP4;FOXP4;FOXP4	0.0329201	0.0280931	2.74076	2.74076	0.0106297	3.48568	3.48568	0.334355	1.47258	1.47258	0.553002	1.26274	1.26274	0.406256	0.718739	-1.39133
cg25410010	FOXP4;FOXP4;FOXP4	0.0359198	0.245411	1.3389	1.3389	0.53976	1.16082	1.16082	0.542281	1.15971	1.15971	0.405521	1.22682	1.22682	0.252017	1.33301	1.33301
cg13881964	FOXP4;FOXP4;FOXP4	0.0451598	0.0273741	0.381881	-2.61861	0.0544842	0.447234	-2.23597	0.124779	0.541776	-1.84578	0.483164	0.76886	-1.30063	0.00355259	0.232896	-4.29377
cg03431741	FOXP4;FOXP4;FOXP4	0.0458151	0.198595	1.94793	1.94793	0.00402567	6.66113	6.66113	0.122462	2.27382	2.27382	0.816436	1.12089	1.12089	0.569697	1.32576	1.32576
cg14814195	FOXQ1	3.30E-06	0.00109052	1.73778	1.73778	0.0603783	1.2749	1.2749	0.505743	1.08051	1.08051	0.0525093	0.77661	-1.28765	0.0109675	0.693475	-1.44201
cg26422161	FOXQ1	1.49E-05	0.0206522	2.0829	2.0829	0.0770589	1.67795	1.67795	0.289326	1.33584	1.33584	0.0122026	0.439478	-2.27543	0.237525	0.721968	-1.3851
cg14732248	FOXQ1	5.26E-05	0.334914	1.14955	1.14955	0.618277	0.932018	-1.07294	0.663083	0.940414	-1.06336	0.884581	0.979849	-1.02057	0.60907	0.930264	-1.07496
cg05685587	FOXQ1	8.84E-05	0.203135	1.20284	1.20284	0.328984	1.14855	1.14855	0.80513	0.966589	-1.03457	0.477781	0.905542	-1.10431	4.51E-06	4.2618	4.2618
cg10125626	FOXQ1	0.000630437	0.028391	1.21416	1.21416	0.0150591	0.799241	-1.25119	0.457683	1.05837	1.05837	0.198333	0.903061	-1.10735	0.0671723	0.857377	-1.16635
cg03730958	FOXQ1	0.0011187	0.0472256	1.29716	1.29716	0.000620016	1.82864	1.82864	0.0345091	1.32646	1.32646	0.226746	1.15654	1.15654	0.00990354	1.45265	1.45265
cg19899882	FOXQ1	0.00469055	0.0302565	1.43574	1.43574	0.81159	1.03449	1.03449	0.00593277	1.66681	1.66681	0.0576531	1.35631	1.35631	0.204627	0.826928	-1.2093
cg01096398	FOXQ1	0.0378972	0.52824	0.690741	-1.44772	0.290799	0.528822	-1.891	0.0606175	0.287741	-3.47534	?	?	?	?	?	?
cg06358250	FOXQ1	0.0412803	0.327679	1.44575	1.44575	0.0238646	0.37395	-2.67415	0.363053	0.71102	-1.40643	0.365797	1.40355	1.40355	0.943551	0.974495	-1.02617
cg19954146	FOXQ1;FOXQ1	0.000261874	0.560217	0.940032	-1.06379	0.0762737	1.23006	1.23006	0.026289	1.31874	1.31874	0.328021	0.899428	-1.11182	0.154129	0.852001	-1.17371
cg11708616	FOXQ1;FOXQ1	0.00309772	0.663321	1.17194	1.17194	0.277867	0.664492	-1.50491	0.182329	0.598891	-1.66975	0.237	1.56636	1.56636	0.603649	1.2089	1.2089
cg26785702	FOXR1	0.000194162	0.00067899	0.287398	-3.4795	0.00855382	2.23758	2.23758	0.0139058	0.482123	-2.07416	0.00647355	0.427472	-2.33934	3.82E-05	0.150065	-6.66377
cg19405941	FOXR1	0.000542145	0.367762	0.9191	-1.08802	0.212816	0.887237	-1.12709	7.30E-05	0.517935	-1.93074	0.391176	0.923013	-1.08341	8.33E-05	0.52422	-1.90759
cg23355040	FOXR1	0.0015711	0.241585	0.880367	-1.13589	0.733168	0.965055	-1.03621	3.17E-05	0.430571	-2.3225	0.782349	0.971624	-1.0292	0.63036	1.05169	1.05169
cg03922251	FOXR1	0.00346592	0.0149761	2.82047	2.82047	0.00079224	5.79744	5.79744	0.264294	1.49681	1.49681	0.0410943	2.26371	2.26371	0.0199239	2.64851	2.64851
cg07780348	FOXR1	0.0117654	0.0319569	3.56033	3.56033	0.0477119	3.13911	3.13911	0.0132036	4.72147	4.72147	0.24136	1.85824	1.85824	0.0317525	0.280306	-3.56753
cg18268562	FOXR1	0.0156633	0.0196367	3.41853	3.41853	0.0595062	2.52809	2.52809	0.0615535	2.50501	2.50501	0.0627338	2.49214	2.49214	0.00858869	4.31299	4.31299
cg05014721	FOXR1	0.0161278	0.0245409	6.15927	6.15927	0.00427386	13.3872	13.3872	0.0180048	7.03275	7.03275	0.0724272	3.89841	3.89841	0.0754393	3.83171	3.83171
cg23670630	FOXR1	0.0182548	0.060053	2.04739	2.04739	0.154411	1.67355	1.67355	0.34391	0.719395	-1.39006	0.190593	1.5971	1.5971	0.00305702	0.254023	-3.93666
cg05940452	FOXR1;FOXR1	2.75E-05	?	?	?	7.56E-06	10.8615	10.8615	0.00107288	1.96752	1.96752	?	?	?	?	?	?
cg24766553	FOXR1;FOXR1	0.0304181	0.0155224	2.84965	2.84965	0.126066	1.79309	1.79309	0.212056	1.59002	1.59002	0.0521841	2.1796	2.1796	0.0333349	2.40465	2.40465
cg25478472	FOXR2	0.00120439	0.862722	1.03622	1.03622	0.116956	1.41918	1.41918	0.087302	0.67838	-1.4741	0.970678	1.00758	1.00758	3.55E-05	0.193924	-5.15665
cg01704778	FOXR2	0.00274848	0.332054	1.32919	1.32919	0.000895156	0.243128	-4.11306	0.13453	0.632017	-1.58223	0.759305	1.09132	1.09132	0.000152592	0.157732	-6.33987
cg23432301	FOXR2	0.0358901	0.19681	0.317378	-3.15082	0.0115818	0.0703103	-14.2227	0.103725	0.223937	-4.46555	0.253527	0.366815	-2.72617	0.050305	0.153113	-6.53112

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13277963	0.374186	0.80243	-1.24622	0.0161756	2.03384	2.03384	0.535262	0.859412	-1.16359	0.258379	0.752337	-1.32919	3.74188	3.45074	0.819727	1
cg26921187	0.312707	0.735508	-1.3596	0.00173088	0.268574	-3.72337	0.161901	0.644455	-1.5517	0.90714	1.03492	1.03492	3.42657	4.69622	1.21825	1
cg05923056	0.597129	1.0458	1.0458	0.0170528	0.783341	-1.27658	0.947287	0.994464	-1.00557	0.00952487	0.759025	-1.31748	4.94999	0.552627	0.0992373	1
cg01838853	0.12292	0.728958	-1.37182	0.168395	0.757576	-1.32	0.0576508	0.666285	-1.50086	0.155465	0.750132	-1.3331	8.94188	5.06686	0.503683	1
cg15631781	0.2065	1.33107	1.33107	0.00267317	0.410158	-2.43808	0.082953	1.50993	1.50993	0.0122516	0.511846	-1.95371	8.76056	6.39204	0.648567	1
cg07480495	0.746426	0.964411	-1.0369	0.000408966	1.87198	1.87198	0.342193	0.896455	-1.1155	0.0444478	0.772749	-1.29408	8.45751	1.671	0.175623	1
cg12219963	0.371956	0.863938	-1.15749	0.405555	0.873042	-1.14542	0.0932446	1.34258	1.34258	0.202616	1.23939	1.23939	7.08128	2.85497	0.358375	1
cg01779747	0.0134977	1.57989	1.57989	0.0231672	1.50084	1.50084	0.711332	1.05717	1.05717	0.0431463	1.4162	1.4162	5.79421	2.05282	0.314923	1
cg02033206	0.00839491	0.57561	-1.73729	0.0090523	0.580315	-1.7232	0.541689	0.903627	-1.10665	0.842322	1.03321	1.03321	5.52969	2.35667	0.37883	1
cg16561911	0.274827	1.24462	1.24462	0.0169267	0.570593	-1.75256	0.148504	1.34782	1.34782	0.736201	1.06729	1.06729	4.57161	2.6859	0.522238	1
cg23599850	0.693715	0.887789	-1.12639	0.00224636	0.276295	-3.61932	0.342459	1.34194	1.34194	0.29965	0.723811	-1.38158	3.78485	5.4203	1.27298	1
cg11857392	0.449266	1.53102	1.53102	0.0115089	0.174466	-5.73177	0.61048	1.32815	1.32815	0.426751	0.638726	-1.56562	3.58114	17.3076	4.29598	1
cg22326903	0.000422468	0.419857	-2.38176	0.0966173	0.753235	-1.32761	2.39E-05	0.270044	-3.7031	0.12003	0.769498	-1.29955	14.2799	5.45861	0.339786	1
cg10696351	0.0829828	0.627225	-1.59432	0.0015041	0.329092	-3.03866	0.0558732	1.69274	1.69274	0.00180819	0.340253	-2.93899	15.0673	14.0904	0.831258	1
cg18368845	0.0907803	0.586169	-1.70599	0.422675	1.26463	1.26463	0.937204	1.02285	1.02285	0.214151	0.687332	-1.4549	13.1884	17.1658	1.15696	1
cg05378941	0.438272	0.947854	-1.05502	0.000157468	1.61321	1.61321	0.00147075	0.71932	-1.3902	0.175009	1.10334	1.10334	14.4929	1.02481	0.0549975	1
cg24858665	0.000807343	0.346969	-2.8821	0.0210437	0.559244	-1.78813	0.312869	0.803639	-1.24434	0.0074282	0.485752	-2.05866	8.38818	5.82594	0.61737	1
cg03839252	0.959343	0.99227	-1.00779	0.693235	0.941434	-1.06221	0.146003	1.26818	1.26818	0.288919	1.18244	1.18244	5.27563	1.9361	0.326213	1
cg26611683	0.142245	0.574783	-1.73979	0.00720015	0.295941	-3.37905	0.0060708	0.284305	-3.51734	0.0509115	0.458128	-2.1828	4.44727	8.67845	1.73459	1
cg09000385	0.134365	0.306324	-3.26452	0.133956	0.305884	-3.26921	0.857293	1.14102	1.14102	0.403626	0.534543	-1.87076	3.67903	31.2968	7.56162	1
cg10318492	0.183884	0.651195	-1.53564	0.0166403	2.43433	2.43433	0.637948	0.8657	-1.15513	0.103138	1.72022	1.72022	3.46989	5.08763	1.30331	1
cg16370720	0.246107	1.28142	1.28142	0.010015	1.94375	1.94375	0.0535626	1.56544	1.56544	0.0273	1.70557	1.70557	7.93442	5.25137	0.588308	1
cg05008218	0.0134472	1.53387	1.53387	0.000838931	2.01846	2.01846	0.454456	1.11239	1.11239	0.0917316	1.29634	1.29634	7.24027	2.24075	0.275097	1
cg06211904	0.741975	0.89511	-1.11718	0.00129337	0.20757	-4.81765	0.481699	0.786751	-1.27105	0.00588212	0.298545	-3.34958	6.80353	12.1203	1.58353	1
cg09865955	0.0404515	0.593001	-1.68634	0.00019073	4.00775	4.00775	0.430759	0.837306	-1.19431	0.337557	1.24396	1.24396	6.60816	5.10234	0.686335	1
cg12664806	0.55537	1.07526	1.07526	0.0603512	1.29391	1.29391	0.26621	1.15134	1.15134	0.688516	1.05024	1.05024	5.97836	1.40114	0.208327	1
cg21184115	0.828956	0.954885	-1.04725	0.537209	0.87519	-1.14261	0.00407216	2.27667	2.27667	0.600415	0.893354	-1.11938	5.54387	3.99743	0.640937	1
cg08345465	0.333557	0.854078	-1.17085	0.00432034	1.82814	1.82814	0.662002	0.9328	-1.07204	0.81928	0.964456	-1.03685	5.45803	2.1619	0.352084	1
cg26019258	0.609322	0.930788	-1.07436	0.000275895	0.436648	-2.29018	0.720949	1.05118	1.05118	0.212037	0.832825	-1.20073	5.13038	1.57342	0.27261	1
cg08792630	0.770202	0.938923	-1.06505	0.00441835	0.441546	-2.26477	0.648358	1.10383	1.10383	0.194317	1.34371	1.34371	4.84686	3.5536	0.651711	1
cg21434327	0.355735	1.39055	1.39055	0.0915576	1.90562	1.90562	0.00839958	3.21697	3.21697	0.57808	1.21531	1.21531	4.73702	9.03694	1.69576	1
cg03861593	0.0260967	0.207063	-4.82946	0.100744	2.88178	2.88178	0.679907	1.27257	1.27257	0.085288	3.07024	3.07024	4.334	22.6425	4.06341	1
cg12801619	0.147504	0.317038	-3.15419	0.0216406	0.130251	-7.67748	0.771246	1.24047	1.24047	0.119676	0.287075	-3.48341	3.88535	33.6196	7.69149	1
cg14618923	0.0418921	0.193129	-5.17788	0.00407575	0.0669733	-14.9313	0.456422	1.70215	1.70215	0.135217	0.323291	-3.09319	3.4226	26.6565	6.92301	1
cg12416929	0.857946	0.973944	-1.02675	0.0123748	1.58225	1.58225	0.429493	1.12619	1.12619	0.473366	0.898111	-1.11345	5.16894	1.77764	0.305695	1
cg27523218	0.137708	0.686467	-1.45674	0.0356561	0.562454	-1.77792	0.0353346	0.561708	-1.78028	0.894414	0.969233	-1.03174	7.10797	6.23509	0.779731	1
cg21166191	0.0558255	0.488381	-2.04758	0.619456	0.847387	-1.1801	0.312463	0.707793	-1.41284	0.290443	1.43749	1.43749	5.38931	9.33868	1.54028	1
cg14331226	0.147655	0.57093	-1.75153	0.475409	1.29935	1.29935	0.00242016	4.59005	4.59005	0.700622	0.869891	-1.14957	5.05058	10.4129	1.83264	1
cg15309862	0.102826	1.58812	1.58812	0.888742	1.03694	1.03694	0.557578	0.857519	-1.16615	0.589503	0.868337	-1.15163	4.08064	4.341	0.945605	1
cg14771313	0.000301447	0.188141	-5.31518	0.00015685	0.159	-6.2893	0.526293	0.833165	-1.20024	0.00136848	0.267014	-3.74513	21.319	27.2843	1.13761	1
cg02002523	0.677337	0.920792	-1.08602	0.406301	1.18239	1.18239	0.211986	0.771608	-1.29599	0.0623843	0.661226	-1.51234	14.5918	8.98776	0.547507	1
cg22076311	0.0748008	0.405437	-2.46648	0.000166982	0.0541401	-18.4706	0.105559	0.447368	-2.2353	0.00417471	0.174426	-5.73308	12.3259	40.4008	2.91352	1
cg23067085	0.162121	0.525306	-1.90365	0.000258033	0.0747313	-13.3813	0.244236	0.5913	-1.69119	0.00503259	0.201857	-4.954	11.6801	34.411	2.61877	1
cg20891481	0.0235022	0.248679	-4.02125	0.000297862	0.0409548	-24.4171	0.0131451	0.203634	-4.91077	0.000850305	0.0683752	-14.6252	12.585	48.7747	3.01438	1
cg14039999	0.00673394	0.772622	-1.29429	0.000739402	1.45686	1.45686	0.233394	0.912347	-1.09607	0.201149	1.1042	1.1042	10.3697	0.885352	0.0758921	1
cg18166376	0.121045	0.458062	-2.18311	0.000345018	0.0689303	-14.5074	0.247674	0.570472	-1.75293	0.00861526	0.211037	-4.73851	9.57456	32.7046	3.03625	1
cg04320255	0.0641743	0.329628	-3.03372	0.172557	0.460893	-2.1697	0.0100607	0.176734	-5.65824	0.0289983	0.25325	-3.94867	8.65503	39.0235	4.00779	1
cg25481160	0.00405246	0.146814	-6.81134	0.000996573	0.0879897	-11.365	0.0136118	0.219249	-4.56103	0.00708673	0.177325	-5.63938	8.39289	32.854	3.47956	1
cg13240253	0.795429	1.05231	1.05231	0.00163896	2.4228	2.4228	0.142439	0.733884	-1.36261	0.103004	0.704681	-1.41908	8.05167	4.91048	0.542108	1
cg20525486	0.0274537	0.195984	-5.10246	0.00103597	0.0480304	-20.8201	0.0161545	0.159005	-6.28913	0.00979638	0.129966	-7.69431	7.4564	46.1063	5.4964	1
cg01331540	0.171526	0.813244	-1.22964	0.429866	1.12124	1.12124	0.287414	1.16983	1.16983	0.742369	1.04796	1.04796	7.12904	2.27704	0.283915	1
cg21423741	0.103017	0.682229	-1.46578	0.0642661	1.56166	1.56166	0.0318659	0.583194	-1.7147	0.000469755	0.307748	-3.24941	6.9967	5.09353	0.647103	1
cg21836903	0.141072	0.443514	-2.25472	0.00273161	0.119472	-8.37013	0.176513	0.478083	-2.09168	0.00582463	0.156508	-6.38944	6.75609	28.2271	3.71379	1
cg21910363	0.496594	1.13148	1.13148	0.00160919	2.2467	2.2467	0.0121834	1.74899	1.74899	0.243362	0.803758	-1.24416	6.31702	3.20406	0.450854	1
cg21379733	0.0265651	0.285862	-3.49819	0.00434036	0.162723	-6.14542	0.342699	0.627718	-1.59307	0.152122	0.481533	-2.0767	5.95711	21.4085	3.19446	1
cg18170784	0.691598	0.967731	-1.03335	0.00209203	0.700356	-1.42785	0.033074	1.22753	1.22753	0.754975	1.02609	1.02609	5.94894	0.637652	0.0952777	1
cg06175008	0.134939	0.706979	-1.41447	0.0166482	0.533085	-1.87587	0.844917	0.958738	-1.04304	0.00105307	0.352506	-2.83683	5.53291	4.05684	0.651751	1
cg06033488	0.194718	0.652781	-1.53191	0.372557	0.752282	-1.32929	0.682678	1.13633	1.13633	0.0735188	0.537731	-1.85967	5.46208	8.36341	1.36105	1
cg02692441	0.909236	0.94668	-1.05632	0.0358933	0.300836	-3.32407	0.0200414	0.249279	-4.01157	0.142449	0.464858	-2.15119	5.62558	15.6587	2.78348	1
cg16510530	0.13948	0.610127	-1.639	0.0277224	0.445539	-2.24447	0.163159	1.58798	1.58798	0.0783186	0.544628	-1.83612	4.52776	6.92225	1.35897	1
cg19776833	0.324746	0.645896	-1.54824	0.341709	0.656315	-1.52366	0.112835	2.09984	2.09984	0.499477	0.744781	-1.34268	4.38492	12.8315	2.60113	1
cg22828884	0.0190566	1.70343	1.70343	0.0389756	1.56601	1.56601	0.18819	1.29916	1.29916	0.658005	0.919785	-1.08721	4.21248	2.35019	0.495921	1
cg11570931	0.491244	0.826516	-1.2099	0.0170211	0.452509	-2.2099	0.179164	1.47534	1.47534	0.078838	0.5875	-1.70213	4.20759	4.94937	1.0456	1
cg01511742	0.144244	0.262552	-3.80877	0.251725	0.360286	-2.77557	0.262211	0.369099	-2.7093	0.451717	0.520126	-1.92261	3.85759	44.4076	10.2327	1
cg18342703	0.000111216	0.284652	-3.51306	0.019058	0.591789	-1.68979	0.000117259	0.287365	-3.47989	0.000397516	0.35268	-2.83543	26.1278	14.1409	0.481084	1
cg25457604	0.00453417	1.79383	1.79383	0.000599224	0.441208	-2.26651	0.645299	1.07425	1.07425	0.000441761	0.42428	-2.35694	15.0075	5.67549	0.336156	1
cg07368857	0.00764669	0.130799	-7.64532	0.00028555	0.0297602	-33.6019	0.00040532	0.0356228	-28.0719	0.00222303	0.0786976	-12.7069	11.7768	65.6431	4.95459	1
cg01534217	0.205711	0.796231	-1.25592	6.02E-05	0.282105	-3.54478	0.807997	0.959294	-1.04243	0.893369	0.977369	-1.02316	11.1718	5.15506	0.410164	1
cg14564722	0.0348535	0.660687	-1.51357	0.0049438	0.534012	-1.87262	0.000760183	0.423172	-2.36311	0.0203455	1.60209	1.60209	10.5988	4.76784	0.399863	1
cg05384123	0.320437	0.623512	-1.60382	0.000991362	0.105246	-9.50155	0.988363	0.993312	-1.00673	0.0752175	0.401903	-2.48816	7.26446	24.3599	2.98071	1
cg18267131	0.141908	0.534977	-1.86924	0.5501	1.27064	1.27064	0.641162	0.830327	-1.20435	0.0834863	0.468185	-2.13591	7.20936	17.9164	2.20903	1
cg09611620	0.579266	1.14353	1.14353	0.39585	1.2315	1.2315	0.580894	1.14286	1.14286	0.011846	0.471211	-2.12219	6.41887	5.83016	0.807364	1
cg21487363	0.184338	1.23367	1.23367	0.0210593	1.51256	1.51256	0.252707	1.19503	1.19503	0.47222	1.11521	1.11521	6.13734	2.16175	0.313093	1
cg08489512	0.12947	0.702741	-1.423	0.343858	1.23365	1.23365	0.967979	1.00868	1.00868	0.012492	0.512098	-1.95275	5.97154	4.38583	0.652849	1
cg25356639	0.103326	0.43682	-2.28927	0.0013221	0.114006	-8.7715	0.164878	0.502206	-1.99121	0.00358125	0.159776	-6.25875	5.96792	20.4251	3.04221	1
cg05098381	0.517466	1.20244	1.20244	0.245501	1.40669	1.40669	0.406698	1.26928	1.26928	0.149322	0.64768	-1.54397	5.7328	7.16538	1.11101	1
cg07475026	0.587522	0.796722	-1.25514	0.284385	1.58634	1.58634	0.871781	0.935176	-1.06932	0.0825648	0.450316	-2.22066	5.47226	14.9214	2.42376	1
cg15958828	0.919135	1.01362	1.01362	0.0508482	1.34484	1.34484	0.0489836	1.349	1.349	0.38514	1.1259	1.1259	4.82323	1.35493	0.249704	1
cg04991071	0.254162	1.21403	1.21403	0.859409	1.0293	1.0293	0.382958	1.15688	1.15688	0.852465	0.970131	-1.03079	4.70962	1.97888	0.373491	1
cg23234756	0.665141	1.11763	1.11763	0.00633096	2.47884	2.47884	0.929549	0.977671	-1.02284	0.567149	0.862679	-1.15918	4.56882	4.71882	0.918073	1
cg14843831	0.00486855	0.677043	-1.47701	0.67044	1.04574	1.04574	0.197351	1.15302	1.15302	0.0104623	0.714109	-1.40035	4.50959	0.779706	0.153688	1
cg17803993	0.10658	0.275456	-3.63035	0.00926384	0.0892526	-11.2042	0.0131128	0.105282	-9.49834	0.0252451	0.142712	-7.0071	4.22685	35.8425	7.53752	1
cg21860675	0.528467	0.65495	-1.52683	0.0240688	0.168127	-5.94787	0.0855756	0.283862	-3.52284	0.0175877	0.147446	-6.78215	4.02358	27.983	6.182	1
cg08215925	0.436484	1.5493	1.5493	0.737065	0.83041	-1.20422	0.665635	1.27097	1.27097	0.34852	0.587268	-1.7028	3.9726	19.1363	4.28183	1
cg15556723	0.0696927	0.665745	-1.50208	0.0212936	1.74211	1.74211	0.521031	1.13935	1.13935	0.941631	0.985421	-1.01479	3.78993	2.41432	0.566254	1
cg20115117	0.12222	0.410005	-2.43899	0.0135894	0.196842	-5.08021	0.133694	0.422742	-2.36551	0.125073	0.413235	-2.41993	3.76007	16.8726	3.98872	1
cg00386925	0.742502	0.835306	-1.19717	0.037681	0.268231	-3.72813	0.0289634	0.245266	-4.07721	0.00976021	0.167993	-5.95263	3.67412	17.3374	4.19449	1
cg10452974	0.350596	0.835352	-1.1971	0.0545354	1.50444	1.50444	0.820271	1.04353	1.04353	0.63659	0.914738	-1.09321	3.61481	2.00738	0.493617	1
cg25811633	0.382419	0.732714	-1.36479	0.0461848	0.452437	-2.21025	0.630955	0.845314	-1.18299	0.0248809	0.395755	-2.52682	3.52985	6.73892	1.697	1
cg23748352	0.000133169	0.427139	-2.34116	0.094592	1.26614	1.26614	0.292895	0.869242	-1.15043	0.276135	0.8646	-1.1566	10.4214	2.72234	0.2322	1
cg17356750	0.688469	1.07799	1.07799	0.433761	1.16049	1.16049	0.584612	0.902246	-1.10835	0.00534344	0.504712	-1.98133	5.13952	2.82649	0.488847	1
cg01754290	0.0289439	0.435018	-2.29875	0.0309881	0.441051	-2.26731	0.878262	0.951663	-1.05079	0.0138912	0.374402	-2.67092	4.75903	7.87462	1.47082	1
cg20050108	0.107185	0.387862	-2.57823	0.00336009	0.116606	-8.57586	0.113169	0.395129	-2.53082	0.0219976	0.227711	-4.39153	4.71902	21.6805	4.08381	1
cg03504834	0.0873301	0.305472	-3.27362	0.00355489	0.0835859	-11.9637	0.0043038	0.0908625	-11.0056	0.088347	0.30687	-3.25871	4.58215	28.6448	5.55679	1
cg02647628	0.0576824	0.289636	-3.4526	0.006078	0.126419	-7.91019	0.0588718	0.291765	-3.42741	0.0578262	0.289895	-3.44952	4.08932	21.5874	4.69241	1
cg02033323	0.064458	1.49335	1.49335	0.00572135	2.01266	2.01266	0.966128	0.991836	-1.00823	0.401557	1.18028	1.18028	19.7229	11.6422	0.5247	1
cg08884343	0.081752	1.45408	1.45408	0.0186515	1.7392	1.7392	0.679855	0.922623	-1.08387	0.522819	1.13393	1.13393	18.2347	10.8782	0.53028	1
cg16350494	0.881179	0.969563	-1.03139	0.0678366	1.52606	1.52606	0.151399	0.727843	-1.37392	0.819187	0.953785	-1.04845	15.4198	10.4293	0.601204	1
cg04920616	0.147435	0.685076	-1.45969	0.6943	1.10088	1.10088	0.39272	0.808119	-1.23744	0.772913	0.932019	-1.07294	6.31556	5.92199	0.833496	1
cg06767008	0.13013	1.85444	1.85444	0.00209038	0.194822	-5.1329	0.0270854	0.372149	-2.6871	0.0552012	0.439952	-2.27298	5.95033	13.4479	2.00891	1
cg10858077	0.00267014	0.314211	-3.18257	7.29E-05	0.133733	-7.47761	0.516775	0.832567	-1.2011	0.188828	0.678355	-1.47415	11.7799	14.4977	1.09397	1
cg19565710	0.377027	1.06125	1.06125	0.00612084	0.790864	-1.26444	0.00118383	0.732056	-1.36602	0.0841489	0.882213	-1.13351	22.3268	1.52098	0.0605543	1
cg14615192	0.0118143	1.5548	1.5548	0.00365821	1.73633	1.73633	0.00389513	1.7257	1.7257	0.0905357	1.29929	1.29929	9.45341	2.95079	0.277459	1
cg26432961	0.297319	0.829991	-1.20483	0.189139	0.786699	-1.27113	0.0779316	0.713314	-1.40191	0.667116	0.928091	-1.07748	8.42806	3.97019	0.418728	1
cg21164975	0.242118	0.760808	-1.31439	0.381025	1.22218	1.22218	0.152835	1.4076	1.4076	0.326281	0.79747	-1.25397	8.26937	6.53039	0.701963	1
cg04617914	0.047937	0.575996	-1.73612	0.0226746	0.513975	-1.94562	0.000737432	0.286273	-3.49317	0.0554868	0.588901	-1.69808	8.05034	7.58847	0.837891	1
cg15760474	0.349813	1.55121	1.55121	0.001295	8.48375	8.48375	0.00139079	8.27669	8.27669	0.00242374	6.86379	6.86379	7.45089	24.5572	2.92967	1
cg20194872	0.780877	1.04179	1.04179	0.130706	1.27075	1.27075	0.00807871	0.607714	-1.64551	0.996538	1.00064	1.00064	6.89944	2.35533	0.303449	1
cg10571987	0.0168959	5.03233	5.03233	0.00248215	10.296	10.296	0.0542095	3.35832	3.35832	0.224817	2.02774	2.02774	6.03401	29.3801	4.32807	1
cg07588430	0.00462923	5.50404	5.50404	0.106815	2.21899	2.21899	0.367586	0.657713	-1.52042	0.00977659	4.38829	4.38829	6.0332	19.5823	2.88511	1
cg13816423	0.138437	0.575253	-1.73836	0.00695522	0.298063	-3.355	0.00145677	0.20314	-4.92272	0.0844021	0.515951	-1.93817	5.31142	10.1085	1.69171	1
cg18497508	0.0129951	8.15423	8.15423	0.00225975	18.3457	18.3457	0.0145604	7.75865	7.75865	0.0316203	5.56049	5.56049	5.14378	37.7626	6.52571	1
cg20847580	0.0251367	3.44912	3.44912	0.00541843	5.4812	5.4812	0.0368442	3.08685	3.08685	0.696386	1.19996	1.19996	4.55015	15.5723	3.04211	1
cg05734456	0.590606	1.30344	1.30344	0.91703	1.05216	1.05216	0.0366405	0.305778	-3.27035	0.024621	3.69155	3.69155	4.45361	16.7958	3.35225	1
cg03127034	0.0579803	2.30029	2.30029	0.0896999	2.06924	2.06924	0.629811	0.827969	-1.20778	0.00581017	4.0725	4.0725	3.95349	9.4606	2.12709	1
cg25410010	0.659985	1.11221	1.11221	0.00450818	2.4827	2.4827	0.00542707	2.40826	2.40826	0.0104939	2.1677	2.1677	3.83093	3.50105	0.812345	1
cg13881964	0.821474	0.920022	-1.08693	0.0255236	0.375756	-2.6613	0.0726207	0.477718	-2.09329	0.16074	0.575462	-1.73774	3.52085	7.58542	1.91505	1
cg03431741	0.048537	3.02224	3.02224	0.00756622	5.39922	5.39922	0.0984309	2.43384	2.43384	0.592775	1.30337	1.30337	3.50188	13.3594	3.39105	1
cg14814195	0.712264	1.0434	1.0434	0.00183057	0.601868	-1.66149	4.58E-08	8.93444	8.93444	0.967041	1.00475	1.00475	54.0161	11.2498	0.185127	1
cg26422161	0.691283	1.11081	1.11081	0.266644	0.737344	-1.35622	1.52E-07	74.65	74.65	0.779421	0.928745	-1.07672	36.5754	40.1507	0.97578	1
cg14732248	0.563386	0.921391	-1.08532	0.626435	0.933563	-1.07116	4.17E-07	7.51279	7.51279	0.469491	1.10864	1.10864	26.2643	8.17014	0.27651	1
cg05685587	0.0746517	0.761102	-1.31388	0.0549083	0.741359	-1.34887	0.000105268	2.56455	2.56455	0.000827252	1.99817	1.99817	22.8823	6.84916	0.266063	1
cg10125626	0.64571	1.03533	1.03533	0.00129179	0.703494	-1.42148	5.18E-05	1.76457	1.76457	0.682921	0.969665	-1.03128	13.3976	1.19372	0.0792	1
cg03730958	0.013863	1.41684	1.41684	0.000114173	2.17264	2.17264	0.00070922	1.80596	1.80596	0.574472	0.937061	-1.06717	11.3975	2.37021	0.184852	1
cg19899882	0.898785	0.982095	-1.01823	0.00255247	0.551996	-1.81161	0.00416743	1.72488	1.72488	0.132579	1.25912	1.25912	7.48286	2.38888	0.283776	1
cg01096398	?	?	?	?	?	?	0.00336897	0.08859	-11.288	0.70486	0.802473	-1.24615	4.46692	12.8485	4.02693	1
cg06358250	0.402499	1.36695	1.36695	0.821805	1.08578	1.08578	0.00255347	4.60374	4.60374	0.913403	0.961089	-1.04049	3.64056	7.67485	1.87392	1
cg19954146	0.217022	0.872524	-1.1461	0.00376713	0.663328	-1.50755	7.95E-06	2.79149	2.79149	0.0258735	1.32012	1.32012	17.0726	2.98031	0.15517	1
cg11708616	0.0838407	1.99964	1.99964	0.203361	0.614875	-1.62635	5.44E-05	15.2362	15.2362	0.202091	1.62882	1.62882	8.47702	17.6143	1.84701	1
cg26785702	0.000228778	0.229981	-4.34818	0.00234977	0.360903	-2.77083	0.00412698	0.397131	-2.51806	0.00596608	0.421874	-2.37037	18.5193	16.9062	0.811464	1
cg19405941	0.117272	1.16782	1.16782	0.0391282	1.2432	1.2432	0.186375	0.880086	-1.13625	0.0263784	0.786543	-1.27139	13.9729	1.83999	0.117051	1
cg23355040	0.212366	1.1463	1.1463	0.021391	1.33297	1.33297	0.202627	0.869514	-1.15007	0.236664	1.13756	1.13756	10.3407	1.7696	0.152116	1
cg03922251	0.0187583	2.68377	2.68377	0.0182849	0.370524	-2.69888	0.00484336	3.65174	3.65174	0.0325846	2.37988	2.37988	8.19777	15.6015	1.69168	1
cg07780348	0.375114	0.631331	-1.58396	0.00256972	8.2659	8.2659	0.14841	2.18846	2.18846	0.131387	2.27708	2.27708	5.60928	22.6776	3.59366	1
cg18268562	0.036476	2.88649	2.88649	0.0531591	0.383652	-2.60653	0.0109512	4.02413	4.02413	0.155696	1.93939	1.93939	5.10696	15.3793	2.67683	1
cg05014721	0.282108	2.13537	2.13537	0.0557679	0.229704	-4.35344	0.021457	6.52267	6.52267	0.176153	2.65411	2.65411	5.05759	36.8994	6.48519	1
cg23670630	0.068451	1.99182	1.99182	0.526441	0.805076	-1.24212	0.0299179	2.37006	2.37006	0.580441	0.828123	-1.20755	4.85212	8.76895	1.60644	1
cg05940452	?	?	?	8.71E-06	9.99172	9.99172	4.60E-05	4.54512	4.54512	0.000555141	2.23253	2.23253	317.645	17.6565	0.0444683	1
cg24766553	0.71984	0.880678	-1.13549	0.00669666	3.45844	3.45844	0.00817707	3.30014	3.30014	0.31081	1.44767	1.44767	4.06678	8.01631	1.75215	1
cg25478472	0.915948	1.02194	1.02194	0.0599292	1.54698	1.54698	0.485627	0.864466	-1.15678	0.0106551	1.9348	1.9348	11.1602	7.46847	0.594852	1
cg01704778	0.990088	0.996474	-1.00354	0.367733	1.30097	1.30097	0.640049	0.87465	-1.14331	0.321745	1.3379	1.3379	8.78308	11.2488	1.13843	1
cg23432301	0.112479	0.233818	-4.27683	0.00861787	0.0597724	-16.7301	0.00567571	0.0472809	-21.1502	0.114835	0.236423	-4.22971	3.83209	42.929	9.95779	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg19286473	FOXE2;FOXK2	0.0446432	0.286177	0.475192	-2.12040	0.15867	0.57698	-2.79566	0.0608511	0.238368	-4.19519	0.132686	0.332546	3.08074	0.0142935	0.128715	-2.76909	0.0472494	0.214257	-4.66729	0.021	0.13477	-8.71309	0.014392	0.1231	-7.74592	0.83887	1.14816	1.53604	25.7601	6.48309	1
cg27066155	FOXK1;SRPH	0.00126151	0.503309	0.718146	-1.39247	0.959327	1.02517	0.635687	1.2619	1.2619	0.259783	1.77359	1.39705	0.0120163	-83.2204	0.182453	1.99313	1.99313	0.633753	0.790832	-1.26449	0.725657	0.842206	-1.18736	0.303297	0.594682	-1.68157	11.0134	41.4441	3.34495	1
cg03606457	FOXK1;SRPH	0.00927618	0.851065	1.02858	1.02858	0.61903	1.07805	1.07805	0.0685529	1.35754	1.35754	0.205715	1.22157	1.22157	0.943563	1.01067	1.01067	0.456285	1.12047	1.12047	0.000196145	0.391111	-2.55682	0.657153	0.935222	-1.06927	0.74335	0.951936	-1.05049	0.053396	2.15512	0.316431	1
cg13952892	FOXK1;SRPH	0.0149749	0.846386	1.02181	-1.08482	0.954901	1.024	1.024	1.00596315	2.2211	4.52283	0.450798	1.38062	1.38062	0.247486	0.601994	-1.66123	1.173972	1.544801	-1.8352	0.001656486	0.151132	-6.61675	0.659405	1.2046	1.2046	0.00841742	0.243498	-4.1068	5.18357	14.4664	2.48072	1
cg04123685	FOXK2;FOXP2	2.65E-06	0.0597561	0.77548	-1.28952	8.60E-07	0.208373	-4.79909	0.019675	1.44053	1.44053	0.00624441	0.652724	-1.53204	7.61E-07	0.203181	-4.92173	0.00048392	0.519466	-1.92505	1.22E-06	0.522392	-1.91574	57.1221	12.9611	0.201694	1
cg24433156	FOXK2;FOXP2	5.84E-05	0.355769	-2.81082	0.000204024	0.414456	-2.41164	3.35E-05	0.320728	-3.11791	0.000761876	0.486131	-2.05706	0.000322165	0.419245	-2.27663	0.000289371	0.433417	-2.30725	0.0240211	1.46023	1.46323	0.359765	1.14241	1.14241	0.00163438	0.528375	1.8926	25.551	8.09108	0.285479	1
cg23441210	FOXK2;FOXP2	0.00132345	0.784117	0.922825	-1.08363	0.297182	0.728988	-1.37176	0.732788	1.10543	1.10543	0.797536	1.07808	1.07808	3.90E-05	0.0999373	-10.0063	0.01141185	0.412349	-2.42513	0.0113761	0.395891	-2.52594	0.228822	0.691173	-1.44682	0.00119745	0.249496	-4.00808	10.8633	14.7167	1.20419	1
cg01072968	FOXK2;FOXP2	0.00179269	0.00159208	0.134958	-2.58545	0.0248862	0.038373	-3.75132	0.0016395	0.450859	-2.21799	0.39331	0.933325	-1.07144	7.47E-05	0.12348	-8.09947	0.122805	0.641175	-1.55964	0.0110005	0.13471	-1.22475	0.645324	0.885658	-1.1291	0.728771	0.912562	-1.09582	12.0833	12.9277	0.832133	1
cg15989594	FOXK2;FOXP2	0.00241356	0.125965	1.54993	1.54993	0.00328997	0.588053	3.58053	0.6931116	1.31068	1.31068	0.153828	1.28757	1.28757	0.0850652	0.604146	-1.65523	0.60072	0.869564	1.15	0.00034964	0.218439	-4.57795	0.582802	0.863447	-1.15815	0.0382811	0.529698	-1.88787	9.12599	10.1244	0.886135	1
cg12278799	FOXK2;FOXP2;FOXP2	0.00659637	0.00466713	2.43601	2.43601	0.870161	1.03948	1.03948	0.0211573	0.518892	-1.92718	0.0773463	1.59162	1.59162	0.224389	0.739286	-1.35266	0.836691	1.05007	1.05007	0.00116564	0.323543	-3.09078	0.586881	0.878222	-1.13866	0.30517	1.28572	1.28572	6.73851	5.9787	0.78866	1
cg03992976	FOXK2;FOXP2;FOXP2	0.0254924	0.796094	1.00795	-1.25806	0.0478627	0.90768	-1.10206	0.0044678	0.319359	-2.79225	0.0930049	1.79096	1.79096	0.0138025	0.558207	-1.79096	0.160101	1.16221	1.16221	0.0197252	0.302467	-3.30619	0.637324	0.858526	-1.16521	0.0508516	0.625621	-1.59824	0.0500516	4.32774	11.157	2.39158	1
cg10790722	FOXK2;FOXP2;FOXP2	0.0149395	0.617428	0.870393	-1.14891	0.340225	0.762671	-1.31118	0.0377549	0.514696	-1.94298	0.660396	1.12961	1.12961	0.360711	1.29564	1.29564	7	7	7	0.94802	1.01813	0.00372711	0.339667	-2.94406	0.00198472	0.299992	-3.33343	5.28618	5.654311	1.06964	1
cg16985532	FOXS1	0.00205353	0.736851	1.13705	1.13706	0.000217404	0.104977	1.30447	0.0021	1.50487	1.50487	0.997534	0.998824	-1.00118	0.00302854	0.212526	-4.70419	0.777573	1.1339	1.1339	0.780912	1.11204	1.11204	0.525956	1.27731	1.27731	0.0204355	0.600414	-1.66552	8.5133	15.5587	2.04215	1
cg17633429	FOXS1	0.0146425	0.11161	0.645774	-1.55394	0.0176026	2.08353	2.08353	0.0452847	1.79263	1.79263	0.484018	0.834634	-1.19813	0.00515958	0.101926	-3.19156	0.600257	1.14384	1.14384	0.730647	1.09181	1.09181	0.56551	0.98907	-1.01105	0.221657	0.725149	-1.38608	5.22214	5.34248	0.909372	1
cg19145398	FOXS1	0.0489524	0.0500905	0.326051	-3.06701	0.00759521	0.178664	-1.59772	0.00730589	0.176346	-5.67068	0.0469158	0.319468	-3.1302	0.203495	0.509992	-1.96082	0.12939	0.493549	-2.27506	0.0939985	0.397028	-2.51871	0.0994609	0.404181	-2.47414	0.216219	0.520549	-1.92105	14.4548	13.6139	3.54306	1
cg06021552	FOXS1;FOXS1	0.00183976	0.03799964	0.6911	-1.65262	0.00289955	0.195866	-2.77881	0.00559279	0.320851	0.304793	0.0492064	0.625731	-1.59853	0.0122807	0.301864	-3.31812	0.2	0.5	-2	0.0155401	0.145141	1.34545	0.743	1.40624	1.40624	0.0116434	0.582375	1.4926	8.02359	6.013973	1
cg00188748	FPGS;FPGS	0.0298593	0.153817	0.562798	-1.77684	0.436243	1.34853	1.34853	0.026144	0.370303	-2.70049	0.345741	1.44134	1.44134	0.0230848	0.359573	-2.78108	0.784643	0.902015	-1.10863	0.00453715	0.240873	-4.15156	0.178713	1.7123	1.7123	0.568862	0.805109	-1.24207	-0.03966	9.18884	1.99525	1
cg15814427	FPR1	4.29E-05	0.0249253	-5.25637	1.31E-07	0.0282911	-35.3443	0.000182417	0.258993	-3.86111	4.82E-05	0.195429	-5.11695	0.000203015	0.264477	-3.78105	0.0002005	0.466796	-2.14226	9.61E-07	0.0604734	-15.7546	0.00521646	0.453289	-2.1964	0.00540529	0.453645	-2.1851	55.516	40.0699	6.641575	1
cg07724366	FPR1	0.00239031	0.00132942	0.1228	-8.06184	0.0171398	0.598094	-1.67198	0.00531976	0.192068	-5.20813	0.0598982	0.194123	5.15173	0.0493112	0.202704	-4.93577	0.202328	0.157761	-6.3869	0.00203705	0.0609267	-16.4132	0.0314353	0.320905	-3.11639	0.0699975	0.402384	-2.48519	9.15197	29.2681	2.84267	1
cg22152605	FPR1	0.00271702	0.00206168	0.15903	-6.28811	0.00208572	0.159602	-6.26557	0.0149428	0.281443	-3.55312	0.0262381	0.327269	-3.05559	0.000731497	0.113631	-8.80043	0.00873556	0.24285	-4.11776	0.00105988	0.128623	-7.77467	0.0659451	0.417281	-2.39647	0.0561985	0.400265	-2.49959	8.81302	25.0509	2.52666	1
cg18637355	FPR1	0.0261784	0.0673491	0.570143	-1.75395	0.0708267	0.90768	-1.10206	0.0044678	0.319359	-2.82758	0.876505	1.04055	1.04055	0.0164283	0.602103	-1.66123	0.362244	0.775393	-1.28974	0.0898867	0.299051	-3.34301	0.0168315	0.258403	-3.86976	0.0244234	0.42782	5.01835	1.05764	1
cg02020350	FPR1	0.0429803	0.0103547	0.112581	-8.88248	0.0253126	0.165571	-6.03971	0.0616632	0.240871	-4.15161	0.0911981	0.284172	-3.519	0.0247943	0.164124	-6.09295	0.496138	0.626663	-1.59575	0.00481386	0.100709	-9.73622	0.454383	0.597273	-1.67428	0.217817	0.416124	-2.40313	5.33846	25.9805	6.43915	1
cg25653204	FPR2	0.00104009	8.33E-05	0.406604	-2.46008	0.0478627	0.90768	-1.10206	0.0044678	0.319359	-2.82758	0.876505	1.04055	1.04055	0.0164283	0.602103	-1.66123	0.095744	0.312492	0.00309329	0.0181324	0.140213	-7.12492	0.0203133	0.450313	-2.22045	0.0181324	0.450313	-2.22045	0.0181324	0.450313	-2.22045	1
cg09499256	FPR2	0.00225663	0.000225196	0.175988	-5.6822	0.000607261	0.223987	-4.46455	0.00744992	0.376926	-2.65304	0.00452264	0.342596	-2.91889	9.36E-05	0.13912	-7.18804	0.001127874	0.257463	-3.88406	8.95E-05	0.137377	-7.27926	0.00111728	0.256889	-3.89273	0.0262585	0.474084	-2.10933	17.1664	21.7953	1.12857	1
cg24964368	FPR2	0.00530313	0.101668	2.33847	2.33847	0.665289	0.813548	-1.22918	0.593831	0.774292	-1.2907	0.677409	1.21936	1.21936	0.46682	1.42054	1.42054	0.0490408	0.54569	5.85469	0.00573525	0.12531	12.5231	0.00122218	0.42131	9.42131	0.14961	2.0801	2.0801	7.02893	25.6604	3.16403	1
cg16052198	FPR2	0.01175191	0.0054551	2.24855	2.24855	0.0478627	0.90768	-1.10206	0.0044678	0.319359	-2.82758	0.876505	1.04055	1.04055	0.0164283	0.602103	-1.66123	0.119998	0.364629	2.10899	0.0091818	0.114591	8.73055	0.0055922	0.400545	2.49707	0.0091818	0.400545	2.49707	0.0091818	0.400545	2.49707	1
cg05280088	FPR2	0.0198006	0.0251898	0.201509	-4.96256	0.01305159	0.156757	-6.37929	0.351097	0.561306	-1.78156	0.950892	0.963617	-1.03776	0.0934802	0.329523	-3.03469	0.922554	1.06026	1.06026	0.622107	1.34843	1.34843	0.00206148	0.0734124	-13.6217	0.0146356	0.163849	-6.10319	4.7206	2.07016	5.09758	1
cg12306057	FPR2;FPR2	0.0120589	0.00536459	0.186002	-5.38202	0.0239723	0.244223	-4.09307	0.0381982	0.147829	-6.76455	0.0953182	0.228588	-4.37433	0.0104625	0.140443	-7.12209	0.018962	0.101533	-9.84809	0.00325015	0.133484	-7.49152	0.0829057	0.231017	-4.32966	0.0164664	0.257006	0.0002355	57.1593	9.13055	6.26155	1
cg04554195	FPR2;FPR2	0.0447532	0.0470735	0.205949	-4.85557	0.0758	0.0178	-1.02196	0.125993	0.36257	-3.16185	0.219455	0.407426	-2.45443	0.0246428	0.160485	-6.23111	0.0563833	0.222639	-4.49158	0.00495163	0.07521	-13.2661	0.0178501	0.238681	-4.19081	0.0274351	0.374557	1.80258	13.5279	37.051	6.80633	1
cg14203721	FPR2;FPR2;FPR2	0.0371903	0.0126448	0.0858691	-11.6456	0.660821	0.704919	-1.4186	0.0769291	0.210616	-4.74797	0.490008	0.573895	-1.74248	0.00635029	0.0599601	-16.6694	0.334901	0.847657	-1.17972	0.00939823	0.0737061	-13.5674	0.075897	0.209214	-4.7798	0.0918088	0.229932	-4.34912	1.78278	37.574	8.82926	1
cg15800907	FPR3	0.00120619	0.461941	1.15	1.15	0.0122188	0.2126	-1.6326	3.51E-05	0.0715	-1.39	0.0887071	0.176337	-3.679	0.0887071	0.176337	-3.679	0.0009372	0.447294	-2.3566	0.0145849	0.12859	-1.28159	0.158503	1.12946	1.12946	0.0417293	0.682128	1.466	15.7072	6.90671	0.373882	1
cg23886141	FPR3	0.00251885	0.00090812	0.105025	-9.52152	0.0034399	0.0511991	-5.40515	0.0202239	0.304471	-3.28438	0.928998	0.91857	1.03857	0.0034305	0.308408	3.18522	-5.39899	0.153295	0.523581	-1.91431	0.583977	1.72469	1.26469	0.000889219	0.120748	4.28174	0.0243277	0.319891	-3.12607	0.92109	25.7394	2.53875	1
cg27284120	FPR3	0.00353154	0.189413	1.48941	1.48941	0.0122188	0.2126	-1.6326	3.51E-05	0.0715	-1.39	0.0887071	0.176337	-3.679	0.0887071	0.176337	-3.679	0.0077576	0.150104	1.48941	0.000128479	0.0048892	-18.2269	0.0025485	0.112541	-8.88568	0.0132725	0.270687	0.0021	0.0021	0.0021	0.0021	0.0021	1
cg26223555	FPR3	0.00657661	0.00017658	0.055629	-17.9763	0.745718	1.15933	1.15933	0.0117807	0.239497	-4.17543	0.983757	1.00925	1.00925	0.0291511	0.310987	3.21557	0.0301284	0.31391	3.18562	0.806719	1.11781	1.11781	0.481144	1.7222179	-1.38451	0.369924	0.656307	-1.52368	6.7448	22.0518	2.90618	1
cg04091555	FRAS1	0.00927403	0.519539	0.863511	-1.15806	0.0582798	0.61818	-1.61765	0.00210154	0.248265	-4.02796	0.0123439	0.496462	-2.01425	0.0817746	0.26441	-3.78241	0.233127	0.755047	-1.32442	0.871266	1.03653	0.451758	0.841703	-1.18807	0.0576361	0.617221	-1.62016	0.65041	4.84429	0.711223	1
cg20454115	FRAS1;FRAS1	7.95E-06	0.0120044	0.0917	-10.9038	0.0042448	0.192738	-5.18959	0.0718	0.23859	-4.19166	0.04	0.343834	-2.90835	0.6594527	1.029	-1.29	0.0379478	0.178205	-5.28025	0.0027477	0.0748	-13.3696	0.0150033	0.24563	-4.07105	0.0254344	0.344798	0.0311	0.0311	0.0311	0.0311	0.0311	1
cg25240964	FRAS1;FRAS1	6.91E-05	0.0778077	0.641759	-1.55822	0.02931	0.55933	-1.78785	0.000133872	0.223611	-4.47204	4.99E-05	0.178578	-5.59979	7.99E-05	0.119427	-5.01436	0.000542343	0.296141	-3.37677	7.30E-05	0.106551	-9.37642	0.0538909	0.609394	-1.64097	0.00361594	0.4101112	-2.43836	24.4166	19.8059	0.723035	1
cg10375571	FRAS1;FRAS1	0.00264849	5.32E-05	0.165377	-6.04702	0.00206504	0.140395	-7.12027	0.0131853	0.260227	-3.84188	0.0012	0.265027	-3.77374	1.27E-05	0.0998424	10.0003	0.0038402	0.254665	-3.92672	0.000121	0.0993	-10.0685	0.0041	0.16328	-6.12607	0.0043	0.1663	1.4628	1.37401	0.854451	1	1
cg01750341	FRAS1;FRAS1	0.0003878	0.0126309	0.722451	-1.38418	0.0632496	1.4488	1.24488	3.58E-05	0.433535	-2.30662	0.0695101	0.693385	-1.4422	0.0221139	0.841705	-1.18826	0.562749	-1.06328	1.06328	0.0684828	0.145141	1.45141	0.0393445	0.665785	-1.50199	0.0056012	1.682911	-1.64432	15.3305	2.66934	0.154773	1
cg18622493	FRAS1;FRAS1	0.00047926	8108	0.955163	-1.04694	0.753162	0.941442	-1.0622	0.215809	0.779447	-1.28296	0.833978	0.960648	-1.04096	0.713003	1.07322	1.07322	0.367791	0.968635	-1.03238	0.0837747	1.442	1.442	4.90E-06	7.34889	7.34889	0.0655781	1.48479	1.48479	14.4546	8.37572	0.515065	1
cg-4.15309968	FRAS1;FRAS1	0.00173393	0.631624	1.09	1.09	0.00462692	0.413618	-1.30326	0.0011	0.227209	-4.39822	0.0001	0.177366	-5.64075	0.0001	0.177366	-5.64075	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	1	1
cg05800723	FRAS1;FRAS1	0.00374484	0.586889	0.96614	-1.03505	0.0108553	0.818348	-1.22248	0.532131	0.841741	-1.18801	0.442206	0.864919	-1.15618	0.281182	0.58472	-1.70998	0.423721	0.26564	-3.76482	0.00240784	0.141199	0.14747	0.907024	-1.10251	0.0784923	2.884521	-1.14096	15.0082	0.500081	0.0554967	1
cg27128469	FRAS1;FRAS1	0.00387851	0.0065703	0.361614	-2.76703	0.0164244	0.348108	-1.68548	0.0015	0.227209	-4.39822	0.0001	0.177366	-5.64075	0.0001	0.177366	-5.64075	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	1	1
cg14091154	FRAS1;FRAS1	0.00394202	0.773829	0.94538	-1.05778	0.00633411	0.500013	-1.99995	0.000129536	0.275529	-3.65592	0.0829645	0.687816	-1.45388	0.874767	1.03122	1.03122	0.458664	0.84705	-1.18071	0.0206504	0.253185	-3.94988	0.0313255	0.388407	-2.57455	0.0134844	0.167353	0.762279	-1.31186	0.0787754	0.636555	0.170306	0.354271	1
cg05800723	FRAS1;FRAS1	0.00374484	0.586889	0.96614	-1.03505	0.0108553	0.818348	-1.22248	0.532131	0.841741	-1.18801	0.442206	0.864919	-1.15618	0.281182	0.58472	-1.70998	0.423721	0.26564	-3.76482	0.00240784	0.141199	0.14747	0.907024	-1.10251	0.0784923	2.884521	-1.14096	15.0082	0.500081	0.0554967	1
cg27128469	FRAS1;FRAS1	0.00387851	0.0065703	0.361614	-2.76703	0.0164244	0.348108	-1.68548	0.0015	0.227209	-4.39822	0.0001	0.177366	-5.64075	0.0001	0.177366	-5.64075	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	1	1
cg14091154	FRAS1;FRAS1	0.00394202	0.773829	0.94538	-1.05778	0.00633411	0.500013	-1.99995	0.000129536	0.275529	-3.65592	0.0829645	0.687816	-1.45388	0.874767	1.03122	1.03122	0.458664	0.84705	-1.18071	0.0206504	0.253185	-3.94988	0.0313255	0.388407	-2.57455	0.0134844	0.167353	0.762279	-1.31186	0.0787754	0.636555	0.170306	0.354271	1
cg13155830	FRAS1;FRAS1	0.00204941	0.255114	1.19353	1.19353	4.43E-05	2.56931	2.56931	0.0048291	1.29549	1.29549	0.389121	1.25972	1.25972	0.0010981	0.379137	1.11107	0.111077	0.936175	1.10098	0.0010981	0.379137	1.11107	0.111077	0.936175	1.10098	0.0010981	0.379137	1.11107	0.111077	0.936175	1.10098	0.0010981	0.379137	1.11107	1	1
cg02590651	FRAS1;FRAS1	0.00470949	0.392447	1.14083	1.14083	0.164164	0.711975	4.0545	0.2844387	1.18199	1.18199	0.427198	1.12966	1.12966	0.0105177	1.74272	1.74272	0.003032368	0.842112	1.18692	0.0010962	0.379137	1.11107	0.111077	0.936175	1.10098	0.0010962	0.379137	1.11107	0.111077	0.936175	1.10098	0.0010962	0.379137	1.11107	1	1
cg15237820	FRAS1;FRAS1	0.00617239	0.560844	1.15217	1.15217	0.0137252	2.08328	2.08328	0.0520842	0.587289	-1.70274	0.131942	0.675943	-1.47942	0.00423915	0.397715	2.51437	0.0337602	0.550384	-1.81691	0.00270866	0.368678	2.7124	0.0200721	0.50883	-1.96529	0.401924	0.813321	-1.22953	0.87869	6.32037	0.816741	1
cg03935158	FRAS1;FRAS1	0.0107143	0.428664	1.16199	1.16199	0.0122188	0.2126	-1.6326	3.51E-05	0.0715	-1.39	0.0887071	0.176337	-3.679	0.0887071	0.176337	-3.679	0.0023464	0.138618	7.21498	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	1	1
cg08128133	FRAS1;FRAS1	0.0129287	0.0029394	0.271234	-3.68686	0.0250126	0.426622	-2.344	0.0177302	0.398036	-2.51233	0.0816616	0.539863	-1.85232	0.0221828	0.253302	3.94786	0.767016	0.09957	-10.0457	0.698377	0.883027	-1.13247	0.804472	1.08246	1.08246	0.804631	1.08239	-1.08239	5.43991	8.79257	1.43672	1
cg17512822	FRAS1;FRAS1	0.0119581	0.0159617	0.159591	-5.01024	0.0108135	0.18435	-5.42141	0.0140749	0.328245	-3.96654	0.170244	0.464472	-2.15298	0.00192833	0.0987318	-10.1284	0.0970902	0.382666	-2.61325	0.0192526	0.195996	-5.10242	0.91372	1.09432	0.944451	-1.05884	0.0117928	0.190324	-5.25421	5.3051	23.381	3.91757	1
cg05306040	FRAS1;FRAS1	0.00458898	0.363043	1.03227	1.03227	0.0122188	0.2126	-1.6326	3.51E-05	0.0715	-1.39	0.0887071	0.176337	-3.679	0.0887071	0.176337	-3.679	0.0023464	0.138618	7.21498	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	1	1
cg14051288	FRAS1;FRAS1	0.0156348	0.465324	0.903646	-1.10638	0.0152482	0.666701	-1.49992	0.00100498	0.514644	-1.94309	0.973878	0.995555	1.00449	0.0478002	0.140802	7.10313	0.321128	0.869622	-1.14966	0.531224	0.917324	-1.09015	0.234854	1.18461	1.18461	0.0655717	1.32468	-1.32468	6.15104	1.49818	0.260607	1
cg04640409	FRAS1;FRAS1	0.0162512	0.504734	0.86023	-1.16263	0.0442448	0.581018	-1.72107	0.0210671	0.281447	-3.55244	0.0257	0.377221	-2.65004	0.0384305	0.143863	6.95397	0.0033	0.748014	-1.33676	0.728146	0.90933	-1.09976	0.144709	0.690353	-1.44879	0.0384305	0.143863	6.95397	0.0033	0.748014	-1.33676	1.1141	0.0002	0.0063	1
cg18862631	FRAS1;FRAS1	0.00225505	0.744224	0.958881	-1.04288	0.103956	1.2561	1.2561	0.284624	0.867142	-1.15321	0.36811	1.12804	1.12804	0.892263	1.01753	1.01753	0.914621	0.98634	-1.01385	0.000771708	0.520531	-1.92111	0.0580044	0.759702	-1.3163	0.7043	1.05012	1.05012	4.51544	1.17636	0.231573	1
cg18488319	FRAS1;FRAS1	0.0129218	0.433767	-2.30539	0.00295544	0.133055	-3.02704	0.143675	0.53647	-1.52988	0.0208848	0.471647	-2.12023	0.011901	0.427828	2.33848	0.679608	1.1181	1.11891	0.483947	0.0344588	0.212229	4.69172	-1.20532	0.307901	0.681031	-1.4324	0.26429	0.50221	1.03104	1
cg21336594	FRAS1;FRAS1	0.028098	0.473175	0.817095	-1.22385	0.819214	0.938582	-1.06544	0.0128333	0.425014	-2.35286	0.972804	1.00948	1.00948	0.0492703	0.400851	2.4947	0.003026	0.842112	1.18692	0.0010962	0.379137	1.11107	0.111077	0.936175	1.10098	0.0010962	0.379137	1.11107	0.111077	0.936175	1.10098	0.0010962	0.379137	1.11107	1	1
cg20644976	FRAS1;FRAS1	0.0285338	0.0580774	1.85262	1.85262	0.104743	0.600265	-1.66593	0.086561	0.579874	-1.72451	0.120433	1.62396	1.62396	0.900972	1.03648	1.03648	0.0124315	2.44851	2.44851	0.0494806	1.90644	1.90644	0.0939284	1.69923	1.69923	0.0596914	1.84355	1.84355	4.15999	5.45923	1.16651	1
cg18529663	FRAS1;FRAS1	0.0107254	0.670296	1.14	1.14	0.0122188	0.2126	-1.6326	3.51E-05	0.0715	-1.39	0.0887071	0.176337	-3.679	0.0887071	0.176337	-3.679	0.0023464	0.138618	7.21498	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	0.0001	0.178012	-5.61797	1	1
cg26010218	FRAS1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03002835	FRMD1;FRMD1	0.023378	0.102266	1.74351	1.74351	0.648443	0.867016	-1.15338	0.214131	1.50171	1.50171	0.380038	1.32304	1.32304	0.00281269	0.278179	-3.59481
cg12355677	FRMD1;FRMD1	0.028134	0.337047	0.766829	-1.30407	0.0942537	1.63796	1.63796	0.0273641	0.496505	-2.01408	0.00622971	0.384264	-2.60238	0.0128562	0.436648	-2.29018
cg01666436	FRMD1;FRMD1	0.040834	0.0562728	0.646401	-1.54703	0.0833923	1.47233	1.47233	0.0553734	0.645096	-1.55016	0.0747777	0.669911	-1.49274	0.0166973	0.554453	-1.80358
cg13858974	FRMD3	0.00108107	0.167696	0.6487	-1.54155	0.0121291	0.398422	-2.5099	0.000306758	0.178157	-5.61303	0.0285931	0.4676	-2.13858	0.0176971	0.427825	-2.3374
cg21197678	FRMD3	0.00143521	0.73591	0.965656	-1.03557	0.0378312	1.28227	1.28227	0.000551818	1.73961	1.73961	0.123198	0.841641	-1.18815	0.939597	1.00785	1.00785
cg23492392	FRMD3	0.00209282	0.734983	0.940612	-1.06314	0.00269223	2.1113	2.1113	0.000206281	3.06502	3.06502	0.440487	0.867834	-1.15229	0.371498	1.17981	1.17981
cg02603128	FRMD3	0.00399442	0.319152	0.846158	-1.18181	0.219587	1.23302	1.23302	0.000304508	2.59119	2.59119	0.373765	1.15968	1.15968	0.469413	1.12685	1.12685
cg11286584	FRMD3	0.0267575	0.128902	0.730738	-1.36848	0.75113	1.06271	1.06271	0.570759	1.11575	1.11575	0.970858	0.993041	-1.00701	0.810848	1.0469	1.0469
cg14130664	FRMD3	0.0338353	0.384561	1.59359	1.59359	0.0677204	2.91442	2.91442	0.254617	0.537015	-1.86215	0.0704109	0.347503	-2.87768	0.0161551	0.214771	-4.65611
cg10603156	FRMD4A	5.53E-05	0.0137944	1.68042	1.68042	3.21E-06	6.55593	6.55593	0.0779697	1.3965	1.3965	0.00028304	2.74982	2.74982	0.0027251	2.02521	2.02521
cg26477221	FRMD4A	0.000139566	0.614959	0.850775	-1.1754	8.36E-06	22.0846	22.0846	0.0866809	1.82749	1.82749	0.851889	1.06137	1.06137	0.127922	0.591894	-1.68949
cg00246402	FRMD4A	0.000344303	0.431294	1.10502	1.10502	0.920587	1.01247	1.01247	0.0927001	0.794524	-1.25862	0.152075	1.21016	1.21016	2.97E-05	0.361773	-2.76416
cg17300870	FRMD4A	0.000400786	0.293463	0.731417	-1.36721	0.834156	0.941601	-1.06202	0.00148593	0.268382	-3.72604	0.309588	0.739496	-1.35227	0.000143043	0.152363	-6.56329
cg05888872	FRMD4A	0.00137778	0.00150923	0.100599	-9.9405	0.000416056	0.0600262	-16.6594	0.0105058	0.198348	-5.04163	0.00897788	0.188364	-5.30887	0.00926273	0.190314	-5.25446
cg02284273	FRMD4A	0.00147292	0.101942	0.700117	-1.42833	0.00060904	0.349288	-2.86297	0.145783	0.732709	-1.3648	0.477261	1.15478	1.15478	0.100618	0.698967	-1.43068
cg20403873	FRMD4A	0.00193852	0.0528407	0.718484	-1.39182	0.0584634	1.37875	1.37875	0.000369825	2.35424	2.35424	0.0267483	1.4833	1.4833	0.00440831	0.564955	-1.77005
cg22673543	FRMD4A	0.00203336	0.512058	0.849325	-1.1774	0.204033	1.38988	1.38988	0.933294	0.97965	-1.02077	0.731411	0.91886	-1.08831	0.000411451	3.96468	3.96468
cg05018023	FRMD4A	0.00209823	0.520023	1.11886	1.11886	0.17644	0.780747	-1.28082	5.52E-05	0.274565	-3.64212	0.0280339	1.56354	1.56354	0.558871	0.903207	-1.10717
cg23443098	FRMD4A	0.00231465	0.00271958	0.233613	-4.28058	0.927132	0.968382	-1.03265	0.4345	1.32324	1.32324	0.0246327	0.390635	-2.55993	0.000184502	0.108708	-9.19895
cg01267150	FRMD4A	0.0023597	0.114333	0.675233	-1.48097	0.131159	1.45158	1.45158	0.0431437	1.70229	1.70229	0.0189463	0.522196	-1.91499	0.00185385	0.364152	-2.7461
cg05397646	FRMD4A	0.00291792	0.345115	1.11943	1.11943	0.509091	1.08081	1.08081	0.00967534	0.683978	-1.46204	0.177517	1.18089	1.18089	0.854607	0.978943	-1.02151
cg14672137	FRMD4A	0.00402377	0.0138979	1.82266	1.82266	0.537362	1.1313	1.1313	0.0328629	0.610786	-1.63723	0.0826274	0.68407	-1.46184	0.00367347	2.17225	2.17225
cg06858087	FRMD4A	0.00518186	0.0133655	0.104604	-9.55986	0.000284489	0.0126865	-78.824	0.00787876	0.0811414	-12.3242	0.0670568	0.220406	-4.53709	0.0255244	0.141529	-7.06567
cg07668267	FRMD4A	0.0055269	0.000753615	0.378769	-2.64013	0.227185	1.27237	1.27237	0.141974	1.34983	1.34983	0.343288	1.20382	1.20382	0.0247875	0.601866	-1.6615
cg10822352	FRMD4A	0.00622174	0.0122892	0.19925	-5.01883	0.00142336	0.0918421	-10.8882	0.0043918	0.139778	-7.15422	0.032284	0.273363	-3.65814	0.0141653	0.2089	-4.78697
cg00407040	FRMD4A	0.00793323	0.748019	0.930925	-1.0742	0.821969	0.951184	-1.05132	0.566477	0.879257	-1.13732	0.308203	0.791189	-1.26392	9.69E-05	0.214537	-4.6612
cg11197893	FRMD4A	0.00809347	0.0855642	0.688435	-1.45257	0.448117	0.859097	-1.16401	0.0404862	1.59174	1.59174	0.707473	0.92862	-1.07687	0.114044	1.40175	1.40175
cg04174358	FRMD4A	0.00946904	0.0438483	1.67939	1.67939	0.430844	0.835323	-1.19714	0.0330726	0.572535	-1.74662	0.0483431	1.65677	1.65677	0.0202007	1.87171	1.87171
cg04941706	FRMD4A	0.0106797	0.082077	0.45982	-2.17476	0.00156929	0.160134	-6.24476	0.00744085	0.249052	-4.01522	0.702997	0.856851	-1.16706	0.0299121	0.356917	-2.80177
cg16241033	FRMD4A	0.0110661	0.0113232	0.263276	-3.79829	0.00251251	0.171009	-5.84766	0.0344689	0.35422	-2.82311	0.0117077	0.265685	-3.76386	0.0258039	0.328266	-3.04631
cg00593298	FRMD4A	0.0118726	0.00841742	0.250475	-3.99241	0.622353	1.22657	1.22657	0.140178	1.92107	1.92107	0.0805685	2.21951	2.21951	0.00287417	0.185104	-5.40236
cg03775372	FRMD4A	0.0125104	0.241149	0.787945	-1.26912	0.237238	0.786229	-1.27189	0.889782	1.0273	1.0273	0.111303	1.40062	1.40062	0.00382106	0.468833	-2.13296
cg23873415	FRMD4A	0.0127136	0.778291	0.965791	-1.03542	0.0472291	0.755793	-1.32311	0.337327	0.885164	-1.12973	0.484709	0.91616	-1.09151	0.751362	1.03998	1.03998
cg09684112	FRMD4A	0.013881	0.117852	3.61467	3.61467	0.003469	20.1282	20.1282	0.0129954	10.3014	10.3014	0.355993	2.05116	2.05116	0.119052	0.278006	-3.59705
cg06339003	FRMD4A	0.0152066	0.167329	0.652848	-1.53175	0.0210652	0.447635	-2.23396	0.0836476	0.574279	-1.74131	0.0941495	0.586766	-1.70426	0.00055104	0.211418	-4.72997
cg18698819	FRMD4A	0.0155628	0.0975692	0.79057	-1.26491	0.0873915	1.27629	1.27629	0.00120175	1.8465	1.8465	0.270391	1.15992	1.15992	0.657508	0.94395	-1.05938
cg25045228	FRMD4A	0.0164766	0.882251	1.05836	1.05836	0.433236	1.35804	1.35804	0.0626361	0.448532	-2.2295	0.0293472	0.374486	-2.67033	0.577554	0.806281	-1.24026
cg02347573	FRMD4A	0.0166919	0.0379131	0.53707	-1.86196	0.378233	1.263	1.263	0.532063	0.8492	-1.17758	0.00381885	0.365195	-2.73827	0.29349	1.32502	1.32502
cg11679124	FRMD4A	0.0170906	0.165876	1.85297	1.85297	0.0389637	2.71175	2.71175	0.0790888	2.25648	2.25648	0.0283942	2.9444	2.9444	0.361628	1.47908	1.47908
cg20381271	FRMD4A	0.0176907	0.0712508	0.403614	-2.47762	0.00140153	0.124479	-8.03348	0.00645655	0.202942	-4.92751	0.371257	0.661384	-1.51198	0.0136734	0.253282	-3.94816
cg23011788	FRMD4A	0.0205877	0.0890467	0.288203	-3.46977	0.0806984	0.276646	-3.61473	0.0252126	0.171076	-5.84535	0.0100871	0.116056	-8.61653	0.279215	0.474107	-2.10923
cg00551146	FRMD4A	0.0248925	0.211947	0.696633	-1.43548	0.0983318	1.64614	1.64614	0.066974	1.75864	1.75864	0.430899	0.801695	-1.24736	0.0107576	0.414355	-2.41339
cg03493513	FRMD4A	0.0257216	0.185576	0.87388	-1.14432	0.479641	0.933313	-1.07145	0.462116	0.930629	-1.07454	0.00263056	0.6704	-1.49165	0.280885	1.11365	1.11365
cg09505746	FRMD4A	0.0294241	0.807805	0.933145	-1.07164	0.888554	1.04061	1.04061	0.0358708	0.499996	-2.00002	0.91633	0.970605	-1.03029	0.00166709	0.278946	-3.58492
cg06035247	FRMD4A	0.0330048	0.232507	1.58411	1.58411	0.266406	1.53031	1.53031	0.535024	0.793873	-1.25965	0.0388907	2.40744	2.40744	0.00195405	0.200067	-4.99832
cg27572370	FRMD4A	0.0332681	0.0423864	0.270514	-3.69667	0.940506	1.04263	1.04263	0.878455	0.917969	-1.08936	0.371804	0.598782	-1.67006	0.0034515	0.108501	-9.21655
cg25344406	FRMD4A	0.0397069	0.034546	0.129577	-7.71739	0.0264612	0.112875	-8.85934	0.0901429	0.212586	-4.70398	0.282737	0.396384	-2.5228	0.0090741	0.0639934	-15.6266
cg26984593	FRMD4A	0.0430707	0.306832	0.710189	-1.40808	0.00830065	0.335681	-2.97902	0.696399	0.88087	-1.13524	0.790054	1.09016	1.09016	0.145069	0.602768	-1.65901
ch.10.410979F	FRMD4A	0.043112	0.273337	0.517079	-1.93394	0.0113139	0.159596	-6.2658	0.00331279	0.0988451	-10.1168	0.103799	0.357311	-2.79868	0.190538	0.448433	-2.22999
cg02101203	FRMD4A	0.0439504	0.0627188	0.388729	-2.57249	0.0991582	0.442384	-2.26048	0.433414	0.697216	-1.43428	0.0831263	0.420807	-2.37638	0.092027	0.433101	-2.30893
cg24876648	FRMD4A	0.0479942	0.0257773	0.561086	-1.78226	0.411983	1.20092	1.20092	0.772822	0.938778	-1.06521	0.093666	0.668728	-1.49538	0.0109723	0.498264	-2.00697
cg09650487	FRMD4A	0.0484163	0.835799	0.832614	-1.20104	0.00192423	48.1969	48.1969	0.0376782	8.3966	8.3966	?	?	?	0.684434	1.43425	1.43425
cg03179435	FRMD4A	0.0489594	0.430641	0.712409	-1.40369	0.00313627	0.182235	-5.48743	0.325646	0.651915	-1.53394	0.792491	1.11756	1.11756	0.198136	0.563628	-1.77422
cg05727113	FRMD4B	0.000413044	0.14569	1.35299	1.35299	7.04E-05	0.245699	-4.07002	0.000637297	0.362386	-2.75949	0.900344	1.02454	1.02454	0.0892945	1.43706	1.43706
cg05795931	FRMD4B	0.00121539	0.694283	0.950445	-1.05214	0.00509095	0.621048	-1.61018	0.0446336	0.743314	-1.34533	0.00922253	0.653609	-1.52997	4.01E-05	0.364409	-2.74417
cg18605120	FRMD4B	0.00206277	0.256807	0.699755	-1.42907	0.377831	0.761122	-1.31385	0.280229	0.712768	-1.40298	0.0491958	1.96848	1.96848	0.000262276	0.163685	-6.1093
cg08872313	FRMD4B	0.00609221	0.0034134	0.301186	-3.32021	0.616197	1.16465	1.16465	0.117581	0.59892	-1.66967	0.685488	0.884444	-1.13065	0.0142724	0.40194	-2.48793
cg12122302	FRMD4B	0.0106822	0.0477673	1.39557	1.39557	0.151737	1.25377	1.25377	0.137996	0.790418	-1.26515	0.399362	0.880691	-1.13547	0.0453039	1.40235	1.40235
cg16663739	FRMD4B	0.0130123	0.0290796	0.608288	-1.64396	0.140643	0.736169	-1.35838	0.00824065	0.520449	-1.92142	0.0336139	0.619007	-1.61549	0.0725012	1.47297	1.47297
cg10178228	FRMD4B	0.0152107	0.192353	0.518077	-1.93022	0.0578174	2.77932	2.77932	0.00268024	7.22808	7.22808	0.13471	2.15671	2.15671	0.101073	0.424958	-2.35318
cg04689145	FRMD4B	0.0384371	0.775775	1.05414	1.05414	0.210372	0.783719	-1.27597	0.111884	0.726396	-1.37666	0.58111	0.902219	-1.10838	0.0546568	0.668666	-1.49552
cg19166733	FRMD5	0.0036384	0.792318	0.931711	-1.07329	0.107502	1.60135	1.60135	0.26059	1.3696	1.3696	0.00479669	0.366671	-2.72724	0.729851	1.09737	1.09737
cg13028335	FRMD5	0.00419002	0.107775	1.2398	1.2398	0.0446881	0.754057	-1.32616	0.00958166	0.669154	-1.49442	0.793069	1.03272	1.03272	0.0277784	0.727203	-1.37513
cg01948825	FRMD5	0.00677089	0.8735	0.962215	-1.03927	0.0172533	0.495949	-2.01634	0.000783844	0.292992	-3.41307	0.462384	1.19824	1.19824	0.280959	0.762693	-1.31114
cg04055913	FRMD5	0.00917587	0.00164215	0.271291	-3.68608	0.773522	0.919894	-1.08708	0.0752644	0.563742	-1.77386	0.0219337	0.451334	-2.21566	0.0022892	0.291159	-3.43455
cg10542971	FRMD5	0.010752	0.005466	0.278973	-3.58457	0.263396	0.66541	-1.50283	0.893091	0.954107	-1.0481	0.960257	0.982741	-1.01756	0.000886226	0.175478	-5.69874
cg01022667	FRMD5	0.0128944	0.528454	0.880064	-1.13628	0.0354655	0.612739	-1.63202	0.0487164	0.637403	-1.56887	0.108684	0.704673	-1.4191	0.214539	0.769974	-1.29874
cg19991512	FRMD5	0.0180069	0.00119875	0.459661	-2.17552	0.16186	0.782999	-1.27714	0.0821956	0.729534	-1.37074	0.094396	0.739987	-1.35138	0.00680883	0.563162	-1.77569
cg23016080	FRMD5	0.0243412	0.609531	0.86079	-1.16172	0.0312268	2.08676	2.08676	0.0494844	1.91996	1.91996	0.980964	0.993081	-1.00697	0.0441159	1.96021	1.96021
cg07220815	FRMD5	0.0320296	0.339005	0.694343	-1.44021	0.803159	0.9117	-1.09685	0.00836735	0.287343	-3.48016	0.0929534	0.50451	-1.98212	0.0155662	0.333522	-2.9983
cg27664600	FRMD5	0.0478281	0.236665	0.847796	-1.17953	0.0831418	1.29107	1.29107	0.0052962	1.63142	1.63142	0.411534	1.11831	1.11831	0.814188	1.03185	1.03185
cg22550003	FRMD5;LOC728758	0.00541586	0.0668526	0.582762	-1.71597	0.00499606	0.376654	-2.65496	0.0153084	0.457272	-2.18688	0.305293	0.756544	-1.3218	0.000153682	0.181742	-5.50232
cg03093194	FRMD5;LOC728758	0.0112112	0.629334	0.861819	-1.16034	0.0643751	0.529725	-1.88777	0.55524	0.833225	-1.20016	0.32057	1.36864	1.36864	0.000190166	0.146125	-6.84343
cg10881600	FRMD6	0.00255352	0.368724	0.914384	-1.09363	0.896769	0.987494	-1.01266	0.000386634	0.5776	-1.7313	0.0235295	0.769326	-1.29984	0.0417948	0.79654	-1.25543
cg15852787	FRMD6	0.00992678	0.000729033	0.278549	-3.59003	0.312762	0.771177	-1.29672	0.00111193	0.302565	-3.30507	0.340077	0.78296	-1.2772	0.209656	0.719622	-1.38962
cg15484023	FRMD6	0.0148259	0.0133915	0.518845	-1.92736	0.345889	0.812246	-1.23115	0.977286	0.99392	-1.00612	0.350279	0.813868	-1.2287	0.0150625	0.527294	-1.89648
cg23080287	FRMD6	0.0245158	0.128304	0.782819	-1.27743	0.0143013	1.56819	1.56819	0.0214344	1.50927	1.50927	0.778895	1.04281	1.04281	0.529834	1.09943	1.09943
cg15998247	FRMD6	0.026	0.605438	1.12819	1.12819	0.0795432	0.637367	-1.56895	0.000658297	0.29885	-3.34616	0.705864	1.09172	1.09172	0.055382	0.604956	-1.65301
cg22800400	FRMD6	0.0467262	0.183876	0.796749	-1.2551	0.149046	0.779278	-1.28324	0.0317577	0.666509	-1.50035	0.0306434	0.66412	-1.50575	0.529048	0.902328	-1.10824
cg25584474	FRMD6;FRMD6	0.000140521	2.90E-05	0.313898	-3.18575	0.00313575	1.76873	1.76873	0.199898	1.21072	1.21072	0.74966	1.04624	1.04624	0.000210808	0.416917	-2.39856
cg05875844	FRMD6;FRMD6	0.00301836	0.0550004	0.764286	-1.30841	0.155564	1.20651	1.20651	0.753119	0.961768	-1.03975	0.0264583	0.722467	-1.38415	0.0741203	1.27874	1.27874
cg07612928	FRMD6;FRMD6	0.0336635	0.370764	1.24623	1.24623	0.0153918	2.03851	2.03851	0.933502	0.980211	-1.02019	0.582613	1.14217	1.14217	0.00339851	0.385319	-2.59525
cg18899667	FRMD6;FRMD6	0.0488922	0.130087	1.57732	1.57732	0.296962	1.35173	1.35173	0.373029	1.29032	1.29032	0.25627	1.39136	1.39136	0.00216198	0.301195	-3.32011
cg20284440	FRMD6;FRMD6;FRMD6	0.0259334	0.7673	1.03965	1.03965	0.00156016	1.81437	1.81437	0.298088	1.15181	1.15181	0.421944	0.898084	-1.11348	0.18481	1.20237	1.20237
cg10477471	FRMD7	0.00236954	0.406621	1.28677	1.28677	0.135937	0.620495	-1.61162	0.00969031	0.378321	-2.64326	0.0134478	0.402964	-2.48161	0.000179132	0.151902	-6.5832
cg13182625	FRMD7	0.00430796	0.0530132	0.546891	-1.82852	0.182668	0.678304	-1.47427	0.0015419	0.286417	-3.49142	0.661565	0.886117	-1.12852	0.000375265	0.209933	-4.76342
cg00241051	FRMD7;FRMD7	0.0306362	0.171294	0.550345	-1.81704	0.00406421	0.205674	-4.86207	0.0679463	0.432474	-2.31228	0.40536	0.705355	-1.41773	0.0143045	0.289824	-3.45037
cg03878802	FRMD8	3.15E-05	0.298846	0.857767	-1.16582	0.001207	0.508919	-1.96495	3.28E-06	0.208622	-4.79335	0.664392	1.06417	1.06417	0.544534	1.09132	1.09132
cg12245876	FRMD8	0.000362621	0.417293	0.857813	-1.16576	0.0398845	1.55194	1.55194	0.0131069	0.565941	-1.76697	0.0562907	0.670377	-1.4917	1.10E-05	0.176768	-5.65713
cg11824257	FRMD8	0.00477911	0.0836632	0.75352	-1.32711	0.0125301	0.631852	-1.58265	0.000127883	0.373506	-2.67733	0.0671009	0.738332	-1.3544	0.0135339	0.636504	-1.57108
cg05849319	FRMD8	0.00724983	0.340221	0.751251	-1.33111	0.00139285	0.25981	-3.84897	0.0951719	0.586523	-1.70496	0.738814	1.10227	1.10227	0.00271677	0.299729	-3.33635
cg22212560	FRMD8	0.0097018	0.463269	1.26726	1.26726	0.00146925	0.233016	-4.29154	0.353495	1.35373	1.35373	0.773882	0.912664	-1.09569	0.0990059	0.563384	-1.77499
cg26170077	FRMD8	0.01087	0.262063	1.43294	1.43294	0.305449	1.3855	1.3855	0.356504	1.3379	1.3379	0.964624	0.986536	-1.01365	0.638025	1.15603	1.15603
cg03844308	FRMD8	0.0314462	0.0296837	0.31234	-3.20164	0.836266	0.9102	-1.09866	0.430007	0.693325	-1.44233	0.218543	0.555214	-1.80111	0.0244613	0.295603	-3.38292
cg10003657	FRMD8	0.0373588	0.0191735	0.461489	-2.1669	0.0104421	0.414914	-2.41014	0.522267	0.837818	-1.19358	0.0878277	0.598056	-1.67208	0.00998367	0.411611	-2.42948
cg22014986	FRMD8	0.0394508	0.332301	0.707789	-1.41285	0.135173	0.57321	-1.74456	0.017649	0.368812	-2.71141	0.952866	1.02064	1.02064	0.00374941	0.258667	-3.86597
cg21201357	FRMPD1	0.00114666	0.135517	0.774037	-1.29193	0.0247625	1.53041	1.53041	0.394774	0.870433	-1.14885	0.000447287	0.414092	-2.41492	0.00376172	0.536527	-1.86384
cg17228093	FRMPD1;FRMPD1	0.0137013	0.386511	1.1169	1.1169	0.499893	0.918247	-1.08903	0.424338	1.10696	1.10696	0.003047	0.603201	-1.65782	0.125945	1.22902	1.22902
cg23085281	FRMPD2;FRMPD2	0.00421549	0.00821148	0.424384	-2.35636	0.233524	0.72863	-1.37244	0.0048835	0.388441	-2.57439	0.0261544	0.512328	-1.95188	0.000968664	0.288001	-3.47221
cg14979482	FRMPD2;FRMPD2	0.00693829	0.471615	0.820795	-1.21833	0.949824	1.01712	1.01712	0.328455	1.31263	1.31263	0.94881	1.01747	1.01747	0.000283666	0.20203	-4.94977
cg16379205	FRMPD2;FRMPD2	0.021112	0.131869	0.717368	-1.39398	0.0537194	1.56422	1.56422	0.0524087	0.637298	-1.56913	0.0294508	0.592305	-1.68832	0.00367635	0.448421	-2.23005
cg05859842	FRMPD2;FRMPD2	0.0321489	0.62599	1.13873	1.13873	0.02027	0.476964	-2.0966	0.08962	0.609586	-1.64046	0.926054	0.975745	-1.02486	0.00115392	0.282777	-3.53636
cg05215966	FRMPD2;FRMPD2	0.0353836	0.226537	0.71793	-1.39289	0.201429	0.703222	-1.42203	0.00198595	0.319872	-3.12625	0.0239884	0.495212	-2.01934	0.0552967	0.567231	-1.76295
cg17545399	FRMPD2;FRMPD2	0.039422	0.0927099	0.61868	-1.61634	0.146374	1.49879	1.49879	0.0417625	0.543831	-1.83881	0.0243142	0.498223	-2.00713	0.00536203	0.386062	-2.59026
cg17887272	FRMPD2;FRMPD2;FRMPD2	0.00121652	0.647816	1.07558	1.07558	0.0335749	1.48184	1.48184	0.0313325	0.670244	-1.49199	0.16268	1.26631	1.26631	6.25E-05	0.31091	-3.21637
cg06206628	FRMPD2;FRMPD2;FRMPD2	0.0101814	0.366112	1.23823	1.23823	0.899372	1.02954	1.02954	0.13289	0.688576	-1.45227	0.195425	1.37041	1.37041	0.0135759	0.495176	-2.01948
cg05775658	FRMPD2;FRMPD2;FRMPD2	0.011419	0.408746	1.24937	1.24937	0.710212	0.906333	-1.10335	0.145554	0.662469	-1.5095	0.666545	1.12101	1.12101	0.000907533	0.270484	-3.69707
cg22670503	FRMPD2;FRMPD2;FRMPD2;FRMPD2	0.000253252	0.0065312	1.56592	1.56592	0.0479298	1.33239	1.33239	0.0236639	0.709768	-1.40891	0.00123184	1.82149	1.82149	6.78E-05	0.3964	-2.5227
cg25380207	FRMPD2;FRMPD2;FRMPD2L1;FRMPD2; FRMPD2;FRMPD2;FRMPD2L1	0.0176937	0.127718	0.484665	-2.06328	0.0662546	0.404119	-2.47452	0.00107652	0.11958	-8.36263	0.0176539	0.280988	-3.55887	0.116497	0.472311	-2.11725
cg27441063	FRMPD4	1.60E-05	0.00268184	0.437271	-2.28691	5.66E-05	0.2252	-4.4405	0.000527247	0.340785	-2.93441	6.20E-06	7.49988	7.49988	0.000576283	0.345804	-2.89181
cg17346042	FRMPD4	0.000255611	0.694644	0.911299	-1.09734	0.160987	0.702932	-1.42261	0.000566501	0.284364	-3.51661	0.00528168	0.420737	-2.37678	0.000108908	0.200882	-4.97804
cg11655867	FRMPD4	0.00119974	0.396584	0.723786	-1.38162	0.486462	1.30124	1.30124	0.0709699	0.471808	-2.11951	0.0555706	0.445815	-2.24308	?	?	?
cg23550962	FRMPD4	0.00219992	0.114579	0.70356	-1.42134	0.377524	0.830676	-1.20384	0.00352218	0.444556	-2.24944	0.524233	1.14136	1.14136	6.47E-05	0.222273	-4.49898
cg26288719	FRMPD4	0.00733841	0.290824	0.666982	-1.49929	0.00903051	0.293406	-3.40825	0.00632583	0.268867	-3.71932	0.0105671	0.304759	-3.28128	0.00201205	0.199877	-5.00307
cg04616757	FRMPD4	0.0087315	0.683093	0.907315	-1.10215	0.692092	0.90999	-1.09891	0.0076358	0.443648	-2.25404	0.228451	0.741165	-1.34923	0.00227826	0.363777	-2.74893
cg25996557	FRMPD4	0.00930602	0.484305	1.2933	1.2933	0.552073	0.804368	-1.24321	0.132764	0.556014	-1.79852	0.385605	0.72479	-1.37971	0.802802	0.913432	-1.09477
cg21128398	FRMPD4	0.0121054	0.00395174	0.169932	-5.8847	0.00550248	0.188527	-5.30427	0.0534639	0.366836	-2.72601	0.20697	0.544186	-1.83761	0.0161606	0.260448	-3.83953
cg00329040	FRMPD4	0.0125886	0.00471776	0.173531	-5.76267	0.0608271	0.373123	-2.68008	0.0840395	0.409924	-2.43948	0.147947	0.484768	-2.06284	0.00615891	0.188822	-5.296
cg03802931	FRMPD4	0.0149138	0.0406469	1.60725	1.60725	0.477233	0.86495	-1.15614	0.0614808	0.655126	-1.52642	0.184586	1.32646	1.32646	0.0454135	0.630842	-1.58518
cg15590532	FRMPD4	0.0278213	0.336511	0.679516	-1.47164	0.00826639	0.267998	-3.73138	0.0387037	0.393184	-2.54334	0.416853	0.723595	-1.38199	0.00348839	0.21322	-4.68999
cg17398312	FRMPD4;FRMPD4	0.0449323	0.108028	0.429126	-2.33032	0.0865913	0.401214	-2.49243	0.0765255	0.386519	-2.5872	0.0322348	3.35349	3.35349	0.686603	0.822266	-1.21615
cg17222434	FRRS1	0.00514055	0.0956627	0.712407	-1.40369	0.108592	0.723056	-1.38302	0.000636037	0.378309	-2.64334	0.0419317	0.647689	-1.54395	0.319561	1.20994	1.20994
cg04308687	FRRS1	0.00518848	0.0320003	1.82664	1.82664	0.000236919	4.30774	4.30774	0.548854	0.86463	-1.15656	0.691701	1.10029	1.10029	0.801614	0.941416	-1.06223
cg09517251	FRRS1	0.0155157	0.16323	1.70489	1.70489	0.0517449	2.21137	2.21137	0.0312843	2.47384	2.47384	0.192005	1.64067	1.64067	0.0708304	0.484995	-2.06188
cg21563219	FRS2;FRS2	1.84E-05	0.401081	0.890031	-1.12356	0.335733	0.87411	-1.14402	6.65E-06	0.257339	-3.88592	0.456302	0.902273	-1.10831	1.91E-06	0.201678	-4.95841
cg27220598	FRS2;FRS2	2.91E-05	0.00550081	0.753352	-1.3274	0.000395688	0.645449	-1.54931	0.214206	1.10681	1.10681	0.00123153	0.693017	-1.44297	3.60E-06	0.430451	-2.32314
cg06210576	FRS2;FRS2	0.00349649	0.93288	0.981034	-1.01933	0.00475314	0.426437	-2.34501	0.000867921	0.321095	-3.11434	0.334055	0.797332	-1.25418	0.329401	0.795476	-1.25711
cg11049813	FRS2;FRS2	0.00355083	0.463671	1.3596	1.3596	0.762864	0.882826	-1.13273	0.00423019	0.206564	-4.84111	0.260787	1.62099	1.62099	0.00232418	0.173507	-5.76346
cg04987857	FRS2;FRS2	0.00471673	0.0921535	0.518129	-1.93002	0.113484	0.542881	-1.84202	0.689538	0.867249	-1.15307	0.201614	1.61331	1.61331	0.0195284	0.367477	-2.72126
cg16531955	FRS2;FRS2	0.0265561	0.0205952	0.176219	-5.67476	0.151697	0.384385	-2.60155	0.28208	0.498659	-2.00538	0.36636	0.561192	-1.78192	0.00334375	0.0832563	-12.0111
cg01606460	FRS2;FRS2	0.0272915	0.71096	0.955358	-1.04673	0.0131361	1.45839	1.45839	0.435911	1.10244	1.10244	0.694753	0.952764	-1.04958	0.178555	0.839156	-1.19167
cg07295520	FRS2;FRS2	0.0409237	0.113299	1.86021	1.86021	0.124298	0.549127	-1.82107	0.184517	0.602329	-1.66022	0.772479	1.11007	1.11007	0.00290645	0.229003	-4.36676
cg24705380	FRS2;FRS2	0.049321	0.0441436	0.299223	-3.34199	0.0280322	0.258177	-3.87331	0.0670081	0.342579	-2.91903	0.43372	0.659146	-1.51711	0.00790553	0.169053	-5.9153
cg14007851	FRS3	0.000373396	0.0565706	1.32869	1.32869	0.00885802	0.644888	-1.55066	0.000498478	0.488102	-2.04875	0.0727145	1.30164	1.30164	0.188691	0.832458	-1.20126
cg04432695	FRS3	0.0020229	0.0081588	0.458661	-2.18026	0.00254358	0.38134	-2.62233	0.000249155	0.24866	-4.02155	0.0128883	0.491256	-2.0356	0.10911	0.668835	-1.49514
cg26237066	FRS3	0.00202686	0.0171752	0.478725	-2.08888	0.399751	0.803587	-1.24442	0.339639	1.28358	1.28358	0.0094558	0.434193	-2.30312	0.000190447	0.202857	-4.92958
cg05104447	FRS3	0.00574563	0.325139	1.25668	1.25668	0.621725	1.11833	1.11833	0.987357	0.996443	-1.00357	0.604621	0.889181	-1.12463	0.687774	1.0951	1.0951
cg16764889	FRS3	0.00650372	0.284425	0.803596	-1.24441	0.019414	1.74323	1.74323	0.0392355	1.59858	1.59858	0.974539	0.993744	-1.0063	0.000697638	0.361691	-2.76479
cg02986733	FRS3	0.0102655	0.299228	0.807829	-1.23789	0.126329	0.720329	-1.38825	0.00801116	0.509677	-1.96203	0.947521	0.987029	-1.01314	0.000220055	0.294867	-3.39136
cg12777782	FRS3;PRICKLE4	0.00512942	0.241451	0.843572	-1.18544	0.0175669	1.49314	1.49314	0.126565	1.2577	1.2577	0.112834	0.787067	-1.27054	0.139704	1.24668	1.24668
cg20674897	FRS3;PRICKLE4	0.0234663	0.816296	1.04951	1.04951	0.0836854	1.48807	1.48807	0.816398	0.952856	-1.04948	0.701904	0.923253	-1.08313	0.453853	0.853488	-1.17166

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03002835	0.283676	0.70733	-1.41377	0.0337747	2.1611	2.1611	0.181482	1.55421	1.55421	0.213923	0.665771	-1.50202	4.4597	6.82595	1.36052	1
cg12355677	0.212611	0.703192	-1.42209	0.938121	1.02104	1.02104	0.550762	0.850516	-1.17576	0.0512179	0.551281	-1.81396	4.18074	4.764	1.0129	1
cg01666436	0.235987	0.778279	-1.28489	0.0927454	1.45264	1.45264	0.440145	0.853073	-1.17223	0.702514	0.925465	-1.08054	3.65521	2.35868	0.573594	1
cg13858974	0.121009	0.609667	-1.64024	0.000248004	0.16857	-5.93226	0.29949	1.37227	1.37227	0.000523747	0.203711	-4.90892	11.509	15.7885	1.21942	1
cg21197678	0.000395441	0.5585	-1.79051	0.969584	1.00394	1.00394	0.087604	1.21491	1.21491	0.0133508	1.3722	1.3722	10.6135	1.7916	0.150048	1
cg23492392	0.362082	0.844668	-1.1839	0.0108445	0.56185	-1.77984	0.0183094	1.67525	1.67525	0.949995	0.988762	-1.01137	9.51517	4.8935	0.457141	1
cg02603128	0.00711527	0.568862	-1.7579	0.265353	0.828332	-1.20724	0.0122801	1.65872	1.65872	0.328789	1.17768	1.17768	7.85579	3.27564	0.370641	1
cg11286584	0.439107	0.859971	-1.16283	0.000429601	0.344667	-2.90135	0.977868	1.00532	1.00532	0.865204	1.03301	1.03301	4.2551	2.46285	0.514488	1
cg14130664	0.304629	0.573692	-1.74309	0.00813899	0.170237	-5.87418	0.767715	1.16744	1.16744	0.152147	0.448518	-2.22956	3.91469	16.9383	3.84611	1
cg10603156	0.000337705	2.67842	2.67842	0.000713452	2.40797	2.40797	2.28E-05	4.24445	4.24445	0.010723	1.72771	1.72771	25.925	11.9386	0.409339	1
cg26477221	0.383712	0.75231	-1.32924	0.000199022	7.3224	7.3224	0.000189213	7.43129	7.43129	0.0928979	1.80233	1.80233	20.2463	32.5559	1.42933	1
cg00246402	0.147125	1.21339	1.21339	0.0154251	1.44706	1.44706	0.000261467	2.10904	2.10904	0.609626	0.937982	-1.06612	15.8405	3.87771	0.217598	1
cg17300870	0.000960717	0.243811	-4.10154	0.000396945	0.198208	-5.0452	0.00229972	0.294403	-3.39671	0.000148121	0.153811	-6.50148	15.192	19.8196	1.15965	1
cg05888872	0.341923	0.611421	-1.63553	0.000223021	0.0456306	-21.9151	0.00397351	0.142888	-6.99851	0.115198	0.422962	-2.36428	10.7387	42.9289	3.55341	1
cg02284273	0.342573	0.823056	-1.21498	0.0016257	0.406872	-2.45778	8.63E-05	0.245786	-4.06858	0.772864	0.943997	-1.05933	10.5347	6.61684	0.558312	1
cg20403873	0.497983	1.10888	1.10888	0.00750047	1.67702	1.67702	0.0546679	1.38741	1.38741	0.89272	0.979934	-1.02048	9.72995	3.47775	0.317713	1
cg22673543	0.00108775	3.26741	3.26741	0.0353603	0.54783	-1.82538	0.00844551	0.437819	-2.28405	0.91739	1.02581	1.02581	9.59553	9.16656	0.849151	1
cg05018023	0.0444262	1.48821	1.48821	0.233451	1.24005	1.24005	0.744286	0.945189	-1.05799	0.884692	0.975318	-1.02531	9.508	4.46663	0.417579	1
cg23443098	0.663938	1.16597	1.16597	0.0204981	0.375085	-2.66606	0.577952	1.21825	1.21825	0.00366254	0.251525	-3.97576	9.23877	18.0518	1.73682	1
cg01267150	0.134758	1.44582	1.44582	0.00743247	2.19961	2.19961	0.0251386	1.83854	1.83854	0.0123021	0.490256	-2.03975	9.18667	7.60626	0.73597	1
cg05397646	0.0340907	1.33234	1.33234	0.000114454	2.19324	2.19324	0.147356	0.834945	-1.19768	0.936088	0.990738	-1.00935	8.62888	1.83966	0.18951	1
cg14672137	0.00583043	2.04035	2.04035	0.0602666	1.51978	1.51978	0.172511	1.33214	1.33214	0.0185047	0.568795	-1.7581	7.83848	4.84358	0.549265	1
cg06858087	0.0427689	0.179396	-5.57427	0.0159921	0.113844	-8.78394	0.00873146	0.0853005	-11.7233	0.0214581	0.1306	-7.65694	7.25891	62.4041	7.64168	1
cg07668267	0.668319	0.92137	-1.08534	0.00333953	0.468181	-2.13592	0.0433461	0.643067	-1.55505	0.670441	1.08473	1.08473	7.11689	4.06897	0.508208	1
cg10822352	0.127758	0.426615	-2.34404	0.00174874	0.0994615	-10.0541	0.213702	0.507964	-1.96864	0.0153966	0.214746	-4.65666	6.86177	29.0848	3.76771	1
cg00407040	0.457128	1.18313	1.18313	0.698537	0.917204	-1.09027	0.2847	1.2799	1.2799	0.364206	0.812968	-1.23006	6.3609	4.96798	0.694239	1
cg11197893	0.0165032	1.77794	1.77794	0.000866462	2.66979	2.66979	0.819186	1.04601	1.04601	0.0112973	1.86506	1.86506	6.32099	3.86357	0.543314	1
cg04174358	0.00607399	2.22949	2.22949	0.00513161	2.28721	2.28721	0.0507875	1.64545	1.64545	0.396344	1.21456	1.21456	6.01444	4.77063	0.705063	1
cg04941706	0.173465	0.557619	-1.79334	0.00376746	0.206637	-4.8394	0.00937439	0.264845	-3.77579	0.368566	0.689043	-1.45129	5.7873	14.9074	2.28968	1
cg16241033	0.25613	0.607238	-1.6468	0.00450783	0.2033	-4.91884	0.0106117	0.258646	-3.86629	0.0986811	0.466736	-2.14254	5.72147	16.0472	2.49309	1
cg00593298	0.542431	0.775956	-1.28873	0.216608	0.585745	-1.70723	0.114512	2.02616	2.02616	0.0543254	0.407274	-2.45535	5.59283	14.9905	2.38249	1
cg03775372	0.022667	0.588633	-1.69885	0.0161396	0.564554	-1.77131	0.0216445	0.585319	-1.70847	0.085893	1.44579	1.44579	5.49855	3.28543	0.531119	1
cg23873415	0.825139	0.973081	-1.02766	0.000315695	2.05388	2.05388	0.505073	0.919979	-1.08698	0.543293	1.07882	1.07882	5.46976	1.31739	0.214088	1
cg09684112	0.108248	3.76543	3.76543	0.00727034	13.7335	13.7335	0.0173475	8.95739	8.95739	0.754676	1.26768	1.26768	5.31477	48.1944	8.06044	1
cg06339003	0.0103773	0.392537	-2.54753	0.809223	0.932329	-1.07258	0.0770152	0.565745	-1.76758	0.266336	0.714972	-1.39866	5.1573	6.85471	1.18145	1
cg18698819	0.416993	0.898318	-1.11319	0.0826889	1.28202	1.28202	0.0571691	0.757164	-1.32072	0.833994	0.973234	-1.0275	5.11788	1.35457	0.235265	1
cg25045228	0.387019	1.40401	1.40401	0.000824417	0.14543	-6.87614	0.0625015	0.448302	-2.23064	0.0575006	0.439495	-2.27534	5.02166	11.6479	2.06181	1
cg02347573	0.563923	0.860141	-1.1626	0.377075	0.791295	-1.26375	0.0032364	0.354421	-2.8215	0.0272722	0.50932	-1.9634	4.99996	5.28182	0.938999	1
cg11679124	0.391025	1.44318	1.44318	0.000820991	8.20157	8.20157	0.00618328	4.43903	4.43903	0.106627	2.08628	2.08628	4.96066	13.6886	2.45282	1
cg20381271	0.10422	0.449394	-2.22522	0.0214461	0.288131	-3.47064	0.413875	0.686503	-1.45666	0.417399	0.688536	-1.45236	4.9036	15.7483	2.85473	1
cg23011788	0.411525	0.572899	-1.74551	0.00512624	0.0860399	-11.6225	0.0222263	0.162318	-6.16073	0.00486198	0.084002	-11.9045	4.65843	32.4688	6.19547	1
cg00551146	0.13112	1.5654	1.5654	0.0201543	2.16082	2.16082	0.185699	1.47079	1.47079	0.294978	0.741855	-1.34797	4.36376	5.22393	1.0641	1
cg03493513	0.603598	0.950936	-1.0516	0.0171931	1.32158	1.32158	0.131058	1.1695	1.1695	0.922799	1.00935	1.00935	4.31425	0.630241	0.129852	1
cg09505746	0.743567	0.911012	-1.09768	0.0847797	0.582054	-1.71805	0.318267	1.34027	1.34027	0.0263543	0.473415	-2.11231	4.11503	5.2535	1.13481	1
cg06035247	0.477446	0.766901	-1.30395	0.698856	1.15354	1.15354	0.509963	1.27836	1.27836	0.384801	1.38735	1.38735	3.94985	8.44527	1.90056	1
cg27572370	0.113484	0.381653	-2.62018	0.0277523	0.233405	-4.28441	0.0134561	0.180619	-5.53652	0.0614401	0.307749	-3.2494	3.93858	19.5126	4.40376	1
cg25344406	0.48517	0.555413	-1.80046	0.15148	0.279669	-3.57566	0.00763004	0.0582019	-17.1816	0.0372449	0.134705	-7.42363	3.69312	40.2027	9.67629	1
cg26984593	0.477618	0.791705	-1.2631	0.0154171	0.382271	-2.61595	0.00707928	0.324408	-3.08254	0.797041	1.08694	1.08694	3.58366	5.93931	1.47318	1
ch.10.410979F	0.38236	0.595519	-1.67921	0.0165007	0.183631	-5.4457	0.247606	0.496896	-2.01249	0.381804	0.59514	-1.68028	3.58238	18.992	4.71244	1
cg02101203	0.844262	0.915086	-1.09279	0.00219558	0.144074	-6.94089	0.0334069	0.325795	-3.06942	0.0781871	0.413593	-2.41783	3.55676	11.4667	2.8657	1
cg24876648	0.116388	0.689086	-1.4512	0.583138	1.12859	1.12859	0.656543	1.10262	1.10262	0.0215214	0.547369	-1.82692	3.44113	2.59622	0.670637	1
cg09650487	0.142005	4.02842	4.02842	0.701145	0.711523	-1.40544	0.578856	1.64028	1.64028	0.798862	1.25279	1.25279	3.48083	38.174	10.9669	1
cg03179435	0.634083	0.816977	-1.22403	0.119861	0.49098	-2.03674	0.00799251	0.238578	-4.1915	0.915909	1.04553	1.04553	3.41529	9.61239	2.50179	1
cg05727113	0.0675375	1.48644	1.48644	0.00115532	2.51932	2.51932	0.943841	1.01373	1.01373	0.227875	1.27757	1.27757	15.0662	8.93701	0.527272	1
cg05795931	0.313084	0.874375	-1.14367	0.107393	1.25369	1.25369	0.427807	0.901081	-1.10978	0.139225	1.22723	1.22723	11.1312	2.91834	0.233045	1
cg18605120	0.0399817	2.04646	2.04646	0.0233936	0.441727	-2.26384	0.00340166	3.32338	3.32338	0.961812	0.985661	-1.01455	9.55542	13.7712	1.28106	1
cg08872313	0.135362	1.6249	1.6249	0.468304	1.24926	1.24926	0.00249422	3.55124	3.55124	0.0611694	0.529237	-1.88951	6.90655	9.94991	1.28058	1
cg12122302	0.240312	1.19846	1.19846	0.000502955	2.22784	2.22784	0.19605	1.22302	1.22302	0.03389	1.44011	1.44011	5.78685	1.98742	0.305277	1
cg16663739	0.0151379	1.78024	1.78024	0.436377	1.16585	1.16585	0.237272	0.787195	-1.27033	0.164141	0.750587	-1.33229	5.42847	3.21103	0.525793	1
cg10178228	0.991064	1.00535	1.00535	0.0192627	0.259428	-3.85463	0.285502	0.589385	-1.69668	0.456314	1.43559	1.43559	5.15684	18.5509	3.19764	1
cg04689145	0.294412	0.818084	-1.22237	0.00859226	1.8568	1.8568	0.198526	1.28516	1.28516	0.0454874	0.654735	-1.52734	3.73745	2.01799	0.479944	1
cg19166733	0.643512	1.13306	1.13306	0.000120443	0.165098	-6.05701	0.821545	1.06243	1.06243	0.499358	0.832101	-1.20178	8.07939	9.19364	1.01148	1
cg13028335	0.45534	1.0976	1.0976	0.000379963	2.00417	2.00417	0.718396	1.04535	1.04535	0.831601	1.02642	1.02642	7.74327	1.83965	0.211183	1
cg01948825	0.178216	0.707651	-1.41313	0.00107824	0.311285	-3.21249	0.726743	1.08851	1.08851	0.0585634	0.596565	-1.67626	6.68404	6.18626	0.822691	1
cg04055913	0.376513	0.769037	-1.30033	0.339493	0.752097	-1.32962	0.913644	1.03189	1.03189	0.00362138	0.320004	-3.12496	6.07493	8.05709	1.17892	1
cg10542971	0.692433	1.14901	1.14901	0.345112	1.40458	1.40458	0.831858	0.928407	-1.07711	0.00798873	0.304884	-3.27993	5.77476	11.1643	1.71848	1
cg01022667	0.0200874	0.570605	-1.75253	0.00297259	2.2603	2.2603	0.399455	1.18834	1.18834	0.257607	1.2666	1.2666	5.44462	3.45093	0.563399	1
cg19991512	0.128963	0.764379	-1.30825	0.0184777	0.626274	-1.59675	0.251297	0.821772	-1.21688	0.0233096	0.641494	-1.55886	4.8745	2.07059	0.377583	1
cg23016080	0.745918	0.909723	-1.09924	0.00304824	0.306935	-3.25801	0.666041	1.13469	1.13469	0.681124	1.12777	1.12777	4.39783	5.89865	1.19223	1
cg07220815	0.0188002	0.348675	-2.868	0.512496	0.782024	-1.27873	0.183745	1.68541	1.68541	0.0339644	0.400014	-2.49991	3.99256	8.66338	1.92878	1
cg27664600	0.303546	0.867699	-1.15247	0.0446649	0.735672	-1.3593	0.80769	0.968047	-1.03301	0.449098	1.10818	1.10818	3.44564	0.967764	0.249659	1
cg22550003	0.0342788	0.522525	-1.91378	0.10809	0.6308	-1.58529	0.490774	0.831972	-1.20196	0.0396326	0.535071	-1.86891	7.16136	7.83458	0.972452	1
cg03093194	0.349598	1.34234	1.34234	0.306076	0.723235	-1.38268	0.956456	0.983443	-1.01684	0.417801	0.776334	-1.28811	5.69747	8.43649	1.31622	1
cg10881600	0.00341324	1.47072	1.47072	0.911486	1.01084	1.01084	0.0188879	1.31742	1.31742	0.761077	0.970866	-1.03001	8.97588	1.33615	0.13232	1
cg15852787	0.292568	0.762059	-1.31223	0.20938	0.719463	-1.38993	0.602774	0.877517	-1.13958	0.0139516	0.469696	-2.12904	5.92452	5.81068	0.871808	1
cg15484023	0.377233	1.21422	1.21422	0.186264	1.3501	1.3501	0.64351	0.904986	-1.10499	0.00111017	0.357235	-2.79928	5.20073	3.77992	0.646049	1
cg23080287	0.204454	1.22073	1.22073	0.00209521	1.90536	1.90536	0.365701	1.14846	1.14846	0.61832	1.07768	1.07768	4.38694	1.54133	0.312307	1
cg15998247	0.299417	0.779653	-1.28262	0.219943	0.741913	-1.34787	0.833197	0.952362	-1.05002	0.141575	0.693619	-1.44171	4.29807	3.64637	0.75411	1
cg22800400	0.00213141	0.498792	-2.00484	0.934819	1.01327	1.01327	0.134823	0.771188	-1.2967	0.455201	0.884628	-1.13042	3.47605	1.43	0.365676	1
cg25584474	0.0399053	1.39846	1.39846	0.00245243	1.81309	1.81309	0.0400604	1.39798	1.39798	0.383883	0.88155	-1.13437	20.2091	6.3815	0.280687	1
cg05875844	0.0154907	0.692895	-1.44322	0.000138759	0.443325	-2.25568	0.0544027	0.763646	-1.30951	0.966647	0.994848	-1.00518	8.54266	2.065	0.214869	1
cg07612928	0.671525	1.10756	1.10756	0.878952	1.03718	1.03718	0.761413	1.07566	1.07566	0.0821056	0.630439	-1.5862	3.92187	3.56293	0.807536	1
cg18899667	0.904667	1.03396	1.03396	0.480638	0.81888	-1.22118	0.367523	1.29434	1.29434	0.880327	0.958879	-1.04288	3.41707	4.20415	1.09363	1
cg20284440	0.382985	1.12438	1.12438	0.0456887	0.740663	-1.35014	0.100049	1.26634	1.26634	0.110458	1.25599	1.25599	4.30192	1.16986	0.241724	1
cg10477471	0.28759	0.720413	-1.38809	0.0185638	2.33451	2.33451	0.145278	0.628448	-1.59122	0.173073	1.53816	1.53816	9.17546	12.8188	1.24184	1
cg13182625	0.105494	0.615433	-1.62487	0.0528934	1.82922	1.82922	0.0511122	0.543498	-1.83993	0.106956	0.616907	-1.62099	7.67853	9.16204	1.06062	1
cg00241051	0.020832	0.319662	-3.1283	0.0529978	0.40593	-2.46348	0.625818	0.817513	-1.22322	0.36811	1.46088	1.46088	4.05645	10.8001	2.36663	1
cg03878802	8.46E-05	0.365367	-2.73697	0.00010276	2.66295	2.66295	0.939051	1.01096	1.01096	0.0647111	0.744074	-1.34395	30.066	9.66661	0.285789	1
cg12245876	0.000860403	0.39618	-2.5241	0.640744	0.916717	-1.09085	0.216675	0.786219	-1.27191	0.00408314	0.490146	-2.04021	15.6164	8.46668	0.481924	1
cg11824257	0.00840858	0.608015	-1.6447	0.621407	0.929056	-1.07636	0.444168	0.891087	-1.12223	0.437989	0.889633	-1.12406	7.44038	2.57492	0.307621	1
cg05849319	0.0546458	0.530291	-1.88576	0.255774	1.4123	1.4123	0.0283159	0.470789	-2.12409	0.00625033	0.354542	-2.82054	6.5431	8.77483	1.19207	1
cg22212560	0.993492	0.997416	-1.00259	0.0169975	2.51772	2.51772	0.0126324	2.67419	2.67419	0.212354	1.517	1.517	5.96806	9.51333	1.41693	1
cg26170077	0.0207064	0.416055	-2.40353	0.00043655	0.159692	-6.26207	0.57711	0.841611	-1.1882	0.232686	1.47006	1.47006	6.52538	9.4507	1.12645	1
cg03844308	0.162029	0.507219	-1.97154	0.00120499	0.115783	-8.63686	0.940402	1.03458	1.03458	0.111879	0.455139	-2.19713	4.01888	13.1575	2.91015	1
cg10003657	0.0935849	0.604602	-1.65398	0.0134057	0.433627	-2.30613	0.756747	0.918714	-1.08848	0.364032	0.775287	-1.28984	3.77655	4.45315	1.04814	1
cg22014986	0.0255174	0.399672	-2.50205	0.296731	1.45332	1.45332	0.405473	0.745197	-1.34193	0.29683	0.688138	-1.4532	3.70192	7.00089	1.68102	1
cg21201357	0.192944	0.803033	-1.24528	0.000112234	0.339352	-2.9468	0.669824	0.933993	-1.07067	0.145768	0.779856	-1.28229	11.3176	4.54328	0.356831	1
cg17228093	0.0695373	0.77661	-1.28765	0.00743827	1.53619	1.53619	0.150543	0.825386	-1.21155	0.30888	1.14015	1.14015	5.33755	1.31117	0.218355	1
cg23085281	0.00383832	0.372425	-2.6851	0.00256162	0.346393	-2.88689	0.00612327	0.40385	-2.47616	0.18665	0.701298	-1.42593	7.7291	7.86435	0.904444	1
cg14979482	0.031156	0.505549	-1.97805	0.00481649	0.36469	-2.74205	0.587578	0.862704	-1.15915	0.0537664	0.553982	-1.80511	6.6334	7.64146	1.02397	1
cg16379205	0.119776	1.41161	1.41161	0.651713	1.09725	1.09725	0.672052	0.916708	-1.09086	0.827994	0.956532	-1.04544	4.61863	3.05127	0.587238	1
cg05859842	0.120474	0.64052	-1.56123	0.735806	0.91432	-1.09371	0.735306	0.914157	-1.0939	0.17875	0.685337	-1.45914	3.98725	4.41806	0.984931	1
cg05215966	0.0255891	0.500478	-1.99809	0.286794	0.74926	-1.33465	0.765501	0.924905	-1.08119	0.0581409	0.571863	-1.74867	3.85189	4.15513	0.958865	1
cg17545399	0.83656	1.05508	1.05508	0.412885	0.804705	-1.24269	0.145363	0.666429	-1.50053	0.947786	0.983146	-1.01714	3.70292	3.95062	0.948351	1
cg17887272	0.154886	1.27275	1.27275	0.478636	1.12087	1.12087	0.0218752	1.54617	1.54617	0.0482682	1.42981	1.42981	11.1283	4.42318	0.353309	1
cg06206628	0.269833	1.30268	1.30268	0.0128597	2.03576	2.03576	0.00382277	2.45326	2.45326	0.0183543	1.932	1.932	5.8767	4.929	0.745543	1
cg05775658	0.478473	1.2091	1.2091	0.127986	1.5428	1.5428	0.0105354	2.33494	2.33494	0.244109	1.37865	1.37865	5.66378	6.22822	0.977472	1
cg22670503	0.00137796	1.80188	1.80188	0.223407	1.17626	1.17626	0.00671167	1.5623	1.5623	0.131893	1.22922	1.22922	17.2292	4.3946	0.226726	1
cg25380207	0.0802516	0.425943	-2.34773	0.00643916	0.21047	-4.75127	0.0972562	0.449154	-2.22641	0.0647942	0.401661	-2.48966	4.90332	15.021	2.72305	1
cg27441063	0.000522661	0.340293	-2.93864	0.000108205	0.25661	-3.89696	0.0293703	0.599598	-1.66779	0.0286656	0.597787	-1.67284	35.8985	22.5907	0.559372	1
cg17346042	0.00411921	0.404178	-2.47416	2.97E-05	0.145827	-6.85744	0.876867	0.964154	-1.03718	0.000731036	0.29858	-3.34918	17.1857	15.0866	0.780317	1
cg11655867	0.0148443	0.3276	-3.0525	8.04E-05	0.0706173	-14.1608	0.0210352	0.355753	-2.81094	0.000459294	0.128238	-7.79799	11.4351	22.3223	1.95208	1
cg23550962	0.0465834	0.626929	-1.59508	0.631246	1.10415	1.10415	0.216334	0.766013	-1.30546	0.0064545	0.484009	-2.06608	9.37739	6.23409	0.590933	1
cg26288719	0.655646	0.847197	-1.18036	0.108231	0.523405	-1.91057	0.0310355	0.392463	-2.54801	0.00181841	0.194453	-5.14264	6.5183	14.0912	1.92159	1
cg04616757	0.400546	1.22619	1.22619	0.00577529	2.35617	2.35617	0.797692	0.940946	-1.06276	0.0616863	0.607312	-1.6466	6.17134	5.48838	0.790519	1
cg25996557	0.327612	1.44149	1.44149	0.000609558	0.147916	-6.76058	0.669742	1.16796	1.16796	0.0019679	0.20538	-4.86903	6.04778	12.5428	1.84352	1
cg21128398	0.0173558	0.265912	-3.76064	0.00313845	0.157842	-6.33543	0.0345995	0.324179	-3.08472	0.111769	0.453019	-2.20741	5.5577	18.3988	2.94267	1
cg00329040	0.00589329	0.186223	-5.36991	0.00659775	0.192936	-5.18306	0.0117512	0.230343	-4.34135	0.0536696	0.359826	-2.77912	5.48741	18.9129	3.06365	1
cg03802931	0.355671	1.21014	1.21014	0.463548	1.16159	1.16159	0.00138921	2.53518	2.53518	0.441343	1.17072	1.17072	5.19058	3.31326	0.567397	1
cg15590532	0.165578	0.561802	-1.77999	0.0144505	0.308753	-3.23883	0.678732	1.17633	1.17633	0.756054	0.885585	-1.1292	4.19723	10.1058	2.14021	1
cg17398312	0.0402156	0.318674	-3.138	0.841134	0.907713	-1.10167	0.310033	1.65998	1.65998	0.0849107	2.50725	2.50725	3.52751	13.0044	3.27696	1
cg17222434	0.908921	0.97902	-1.02143	0.00399172	2.04815	2.04815	0.6198	0.911501	-1.09709	0.0718655	0.689147	-1.45107	7.2767	3.95598	0.483245	1
cg04308687	0.155121	1.44026	1.44026	0.868581	0.961069	-1.04051	0.00170956	2.92653	2.92653	0.806182	1.06072	1.06072	7.25607	6.60782	0.809476	1
cg09517251	0.0430351	0.434031	-2.30398	0.00691119	0.285557	-3.50192	0.30525	0.683462	-1.46314	0.326249	0.695341	-1.43814	5.12302	10.4274	1.80924	1
cg21563219	0.00894809	0.63719	-1.56939	0.0603508	0.750428	-1.33257	0.265573	1.1703	1.1703	1.28E-05	0.288567	-3.4654	34.6039	10.0691	0.258652	1
cg27220598	0.0861439	1.15852	1.15852	0.00115312	0.690307	-1.44863	0.759832	1.02408	1.02408	9.76E-06	0.477971	-2.09218	30.69	2.9271	0.0847789	1
cg06210576	0.0349656	0.572008	-1.74823	0.00390533	2.4184	2.4184	0.856348	0.959644	-1.04205	0.0157581	0.510388	-1.95929	8.17626	6.69169	0.727493	1
cg11049813	0.000947752	0.131382	-7.6114	0.00695496	0.237374	-4.21276	0.465626	1.35772	1.35772	0.564375	1.27121	1.27121	8.1386	21.8633	2.38789	1
cg04987857	0.0785634	0.500071	-1.99972	0.000379763	0.13352	-7.48954	0.00118149	0.185012	-5.40504	0.770139	0.901296	-1.10951	7.4702	14.8842	1.77109	1
cg16531955	0.0501593	0.249055	-4.01518	0.00820871	0.121827	-8.20834	0.611813	1.37517	1.37517	0.0500527	0.24885	-4.01848	4.26638	26.1832	5.45519	1
cg01606460	0.420011	0.903854	-1.10637	0.211381	0.850824	-1.17533	0.00312584	1.6418	1.6418	0.144554	1.21202	1.21202	4.2257	1.00751	0.211932	1
cg07295520	0.331903	1.43412	1.43412	0.224304	1.58371	1.58371	0.761587	0.896192	-1.11583	0.226418	0.632882	-1.58007	3.65225	7.50396	1.82632	1
cg24705380	0.427276	0.65513	-1.52641	0.0188989	0.22684	-4.40839	0.733467	0.836657	-1.19523	0.0408046	0.291691	-3.42829	3.40577	14.6853	3.83278	1
cg14007851	0.550923	1.08269	1.08269	4.12E-05	2.79881	2.79881	0.0754894	1.29764	1.29764	0.0998148	1.26804	1.26804	15.4911	4.2536	0.244074	1
cg04432695	0.00321603	0.396288	-2.52342	0.306709	1.27584	1.27584	0.418765	1.20949	1.20949	0.0255906	0.543045	-1.84147	9.60996	8.06591	0.74607	1
cg26237066	0.370957	0.792118	-1.26244	0.00718581	2.41154	2.41154	0.0970216	1.58731	1.58731	0.915491	0.973433	-1.02729	9.60449	9.78839	0.905909	1
cg05104447	0.000594151	0.303526	-3.29461	0.0457874	1.67345	1.67345	0.886164	1.03274	1.03274	0.0016171	0.361928	-2.76298	7.03245	5.63197	0.711871	1
cg16764889	0.0294193	0.603876	-1.65597	0.317958	1.22505	1.22505	0.238888	0.784622	-1.2745	0.308082	1.23055	1.23055	6.76817	4.14493	0.544369	1
cg02986733	0.0771095	0.677153	-1.47677	0.521845	0.879178	-1.13743	0.452084	0.859028	-1.16411	0.0829006	0.683264	-1.46356	5.86124	3.65216	0.553869	1
cg12777782	0.534537	1.09119	1.09119	0.00025304	0.433104	-2.30891	0.381207	0.882845	-1.1327	0.697933	1.0556	1.0556	7.28152	2.21967	0.270965	1
cg20674897	0.579127	0.890177	-1.12337	0.000569763	0.330198	-3.02849	0.497898	0.866858	-1.15359	0.268046	1.27068	1.27068	4.4539	3.04121	0.606951	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18197146	FRS3;PRICKLE4	0.046041	0.264545	1.44776	1.44776	0.00593369	3.14242	3.14242	0.297207	1.41041	1.41041	0.437199	0.777103	-1.28683	0.065186	0.517506	-1.93234	0.27375	1.43677	1.43677	0.0573719	1.98179	1.98179	0.663742	1.14934	1.14934	0.0620645	1.95121	1.95121	3.49542	5.60492	1.42534	1
cg12641184	FRS3;PRICKLE4	0.0483381	0.116345	0.536265	-1.86475	0.179176	0.593886	-1.68383	0.956239	0.980161	-1.02024	0.127544	0.547878	-1.82522	0.0190273	0.354634	-2.81981	0.172814	0.58874	-1.69854	0.00514411	0.259401	-3.85504	0.0155592	0.338448	-2.95467	0.127464	0.547798	-1.82549	3.43185	7.24778	1.87726	1
cg10215501	FRY	1.59E-05	0.508725	1.0952	1.0952	0.122874	1.25451	1.25451	0.0292261	0.705755	-1.41692	1.94E-06	0.202213	-4.94529	1.01E-06	0.175268	-5.70556	0.527154	0.91676	-1.0908	0.140646	0.806555	-1.23984	0.311936	0.867715	-1.15245	0.00923003	0.638743	-1.56558	35.9557	10.4778	0.25903	1
cg01105948	FRY	9.87E-05	0.112246	0.89057	-1.12288	0.707085	0.975017	-1.02562	0.000318978	1.4778	1.4778	0.824308	1.01501	1.01501	0.0107041	0.806549	-1.23985	1.19E-05	0.53738	-1.86088	0.000381679	0.683742	-1.46254	0.82017	0.984856	-1.01538	0.0102031	1.24245	1.24245	22.2176	1.58055	0.0632353	1
cg03558949	FRY	0.00375494	0.52572	0.890951	-1.1224	0.0241449	1.62064	1.62064	0.429019	0.865039	-1.15602	0.142055	1.3277	1.3277	0.000658497	0.39177	-2.55252	0.00828164	0.5454	-1.83352	0.0451148	1.51108	1.51108	0.150908	1.31841	1.31841	0.054165	0.675409	-1.48058	8.0033	4.08743	0.453971	1
cg05105314	FRY	0.00445451	0.0379962	0.568154	-1.76009	0.00107272	0.321248	-3.11286	0.00770328	0.447231	-2.23598	0.530889	1.16089	1.16089	0.0916549	0.646304	-1.54726	0.0909887	1.54893	1.54893	0.0107487	2.12393	2.12393	0.167997	0.707992	-1.41245	0.12744	0.678835	-1.47311	7.60111	6.64939	0.777593	1
cg17329393	FRY	0.00524687	0.259469	0.790541	-1.26496	0.401534	1.18714	1.18714	0.488629	1.15092	1.15092	0.0112945	1.88503	1.88503	0.00376959	0.457905	-2.18386	0.59228	1.11406	1.11406	0.077393	1.4803	1.4803	0.000898454	2.69936	2.69936	0.487523	0.868552	-1.15134	7.23127	4.57179	0.561979	1
cg09699015	FRY	0.00575941	0.181754	1.23884	1.23884	0.744536	0.951798	-1.05064	0.456859	1.1213	1.1213	0.456088	0.891643	-1.12153	0.000167967	0.37995	-2.63193	0.717837	0.946647	-1.05636	0.251363	0.834377	-1.1985	0.150533	1.26216	1.26216	0.0388093	1.43545	1.43545	7.02727	2.54078	0.321386	1
cg18937934	FRY	0.00783049	0.0182287	0.247714	-4.03692	0.00296154	0.137227	-7.28718	0.0818045	0.391018	-2.55743	0.850385	0.912157	-1.0963	0.00907541	0.199009	-5.0249	0.0460034	0.32843	-3.04479	0.00128421	0.101752	-9.82786	0.0100153	0.205361	-4.86948	0.0339182	0.299489	-3.33902	6.38701	23.981	3.33747	1
cg10786550	FRY	0.0085081	0.00954196	0.218484	-4.57699	0.471112	0.712005	-1.40448	0.221197	0.551102	-1.81455	0.898421	1.06096	1.06096	0.000436656	0.0761323	-13.135	0.0343434	0.318628	-3.13846	0.00829845	0.209386	-4.77588	0.266889	0.585116	-1.70906	0.0181765	0.264798	-3.77646	6.22214	21.1554	3.02224	1
cg22219254	FRY	0.00858987	0.296738	1.33098	1.33098	0.42563	1.23987	1.23987	0.520222	0.841762	-1.18798	0.0269213	0.500301	-1.9988	0.651855	1.12754	1.12754	0.087097	0.606958	-1.64756	0.000407735	0.226671	-4.41169	0.871977	1.04354	1.04354	0.0539109	1.78305	1.78305	6.20336	6.86207	0.983277	1
cg25481474	FRY	0.0119919	0.902736	0.975365	-1.02526	0.24001	1.28532	1.28532	0.100891	1.4428	1.4428	0.697631	1.08292	1.08292	0.258664	0.78627	-1.27183	0.00867616	0.505337	-1.97888	0.063482	0.65328	-1.53074	0.00124046	0.381751	-2.61951	0.324537	1.23069	1.23069	5.57472	3.67532	0.58603	1
cg06565548	FRY	0.0183484	0.052248	0.424181	-2.35749	0.903761	0.9541	-1.04811	0.0894914	0.48323	-2.06941	0.270006	0.640078	-1.56231	0.000633199	0.130105	-7.6861	0.042506	0.403584	-2.4778	0.0322826	0.377626	-2.64813	0.851312	1.07561	1.07561	0.0569379	0.43307	-2.3091	4.84377	11.5755	2.12424	1
cg16158863	FRY	0.0470446	0.291121	0.767037	-1.30372	0.825392	0.947912	-1.05495	0.0952777	1.55853	1.55853	0.00452845	0.40021	-2.49869	0.315679	0.777888	-1.28553	0.648569	1.1175	1.1175	0.155151	0.691898	-1.4453	0.184908	1.40555	1.40555	0.162168	1.43524	1.43524	3.46718	3.21874	0.825196	1
cg20754145	FRY;FRY	0.00138145	0.0129696	0.758786	-1.31789	0.000364702	0.599724	-1.66743	0.02112	0.78018	-1.28176	0.355266	1.08886	1.08886	0.0041472	1.41062	1.41062	0.894618	1.01193	1.01193	0.00782875	0.736724	-1.35736	0.00333573	0.699332	-1.42994	0.663442	0.961562	-1.03997	10.7305	1.36189	0.112815	1
cg10032748	FRYL	7.24E-06	0.000925054	0.697864	-1.43294	0.0148671	1.2434	1.2434	1.25E-06	2.47793	2.47793	0.000397728	0.663706	-1.50669	0.00179796	1.38114	1.38114	0.909139	1.00834	1.00834	1.67E-05	0.525626	-1.90249	0.00794908	0.780788	-1.28076	0.0466354	1.18018	1.18018	44.1154	3.69424	0.0744359	1
cg00372132	FRYL	0.00889409	0.0083705	0.30739	-3.25319	0.035545	0.424497	-2.35573	0.478501	0.777015	-1.28698	0.96655	1.01479	1.01479	0.0071696	0.296535	-3.37229	0.0100306	0.320441	-3.1207	0.00154991	0.203182	-4.92171	0.280371	1.48128	1.48128	0.11161	0.545118	-1.83446	6.13537	11.9138	1.72606	1
cg20176012	FRYL	0.0118755	0.546993	0.936651	-1.06763	0.0605925	1.25505	1.25505	0.000705136	1.74089	1.74089	0.723331	0.962552	-1.0389	0.358863	1.10662	1.10662	0.456367	1.08486	1.08486	0.661744	0.953828	-1.04841	0.314814	1.11808	1.11808	0.00267402	1.56178	1.56178	5.59238	1.02122	0.162319	1
cg17275844	FRYL	0.0140856	0.0101081	0.547727	-1.82573	0.0209697	0.597368	-1.67401	0.0172896	0.58398	-1.71239	0.77547	0.948335	-1.05448	0.923157	1.01806	1.01806	0.880438	1.02831	1.02831	0.00413444	2.04072	2.04072	0.562725	0.897131	-1.11466	0.846732	1.03655	1.03655	5.28928	2.8826	0.484435	1
cg13311357	FRYL	0.0341142	0.00623554	0.260525	-3.8384	0.545348	0.793803	-1.25976	0.543938	1.26081	1.26081	0.0032111	0.219277	-4.56045	0.68952	1.16359	1.16359	0.0903866	0.494592	-2.02187	0.104267	0.511682	-1.95434	0.484356	0.764811	-1.30751	0.168281	0.574675	-1.74011	3.90312	8.79959	2.004	1
cg07193667	FRYL	0.0343019	0.0252893	0.583162	-1.71479	0.00170482	0.403154	-2.48044	0.0481796	0.632633	-1.5807	0.52138	0.876529	-1.14086	0.68002	0.919347	-1.08773	0.647987	1.09769	1.09769	0.305667	1.23994	1.23994	0.989303	1.00272	1.00272	0.904407	0.975933	-1.02466	3.8954	2.53652	0.578807	1
cg14064774	FRYL	0.0435256	0.848085	0.937776	-1.06635	0.272016	0.681799	-1.46671	0.228567	0.65487	-1.52702	0.126364	1.74014	1.74014	0.448747	1.29511	1.29511	0.0728474	1.95484	1.95484	0.00968241	2.99367	2.99367	0.014232	2.75373	2.75373	0.616563	0.84441	-1.18426	3.56967	6.34422	1.57978	1
cg07317641	FRZB	7.25E-06	0.883032	1.03633	1.03633	0.000136212	4.95363	4.95363	0.000256717	4.30049	4.30049	2.04E-05	8.05541	8.05541	0.243432	0.743922	-1.34423	5.03E-07	30.1003	30.1003	0.53745	0.859555	-1.16339	0.27691	0.760267	-1.31533	1.95E-05	8.16311	8.16311	44.0987	41.0275	0.826983	1
cg20701689	FRZB	9.80E-06	0.308329	0.791455	-1.2635	0.00429452	2.33287	2.33287	0.000124042	4.41163	4.41163	1.02E-05	8.14154	8.14154	0.365516	0.813647	-1.22903	1.16E-06	16.3565	16.3565	0.390243	1.21565	1.21565	0.284462	1.2797	1.2797	6.86E-06	9.13447	9.13447	40.7872	31.782	0.692636	1
cg03576419	FRZB	6.74E-05	0.3665	0.716585	-1.39551	0.000557927	6.84257	6.84257	0.00026122	8.64013	8.64013	0.000495622	7.08806	7.08806	0.911372	1.04081	1.04081	2.66E-05	19.7476	19.7476	0.00150116	5.17332	5.17332	5.59E-05	14.7473	14.7473	7.84E-05	13.0141	13.0141	24.5995	50.2723	1.81656	1
cg06830784	FRZB	0.00019108	0.61342	0.799585	-1.25065	0.0105418	4.10722	4.10722	0.00189235	6.91103	6.91103	0.000195969	15.6349	15.6349	0.805326	0.897255	-1.11451	1.80E-05	46.7484	46.7484	0.703355	1.18291	1.18291	0.0389387	2.85616	2.85616	0.000130448	18.48	18.48	18.5998	56.7835	2.7137	1
cg19568591	FRZB	0.000240615	0.287288	0.555521	-1.80011	0.00121371	12.4297	12.4297	0.00103843	13.2514	13.2514	0.0161629	4.78545	4.78545	0.646289	0.782037	-1.27871	0.00031557	22.3191	22.3191	0.000222252	26.3382	26.3382	0.000132236	34.0427	34.0427	0.000543149	17.4664	17.4664	17.4711	78.3286	3.98517	1
cg14693391	FRZB	0.00106216	0.327268	0.554054	-1.80488	0.0115707	6.31879	6.31879	0.00606905	8.10309	8.10309	0.011194	6.39849	6.39849	0.4866	0.661824	-1.51098	0.000922366	17.9929	17.9929	0.00144636	14.7001	14.7001	0.000486236	24.3538	24.3538	0.00150496	14.4458	14.4458	11.5668	62.4573	4.79972	1
cg01481989	FRZB	0.00402123	0.676763	0.748224	-1.3365	0.00326581	16.0268	16.0268	0.013535	8.28416	8.28416	0.122576	3.18216	3.18216	0.800182	0.839063	-1.19181	0.00488645	13.2076	13.2076	0.00117341	26.9742	26.9742	0.003976	14.5714	14.5714	0.00928029	9.81397	9.81397	7.83997	59.4325	6.7384	1
cg12043511	FRZB	0.00733816	0.274381	1.35235	1.35235	0.000533083	0.239094	-4.18245	0.0315521	0.512137	-1.9526	0.52129	0.84153	-1.18831	0.610316	0.872486	-1.14615	0.48584	0.828656	-1.20677	0.00634588	2.56777	2.56777	0.260014	0.732108	-1.36592	0.724084	0.910222	-1.09863	6.51837	7.27183	0.991636	1
cg07721625	FRZB	0.0103383	0.00288826	0.210165	-4.75816	0.58218	0.809312	-1.23562	0.098023	0.501066	-1.99574	0.295137	1.51191	1.51191	0.0222748	0.352396	-2.83771	0.548572	1.26001	1.26001	0.007378	0.268606	-3.72293	0.00484473	0.241109	-4.14751	0.584366	1.23407	1.23407	5.84799	13.4262	2.04078	1
cg01735082	FRZB	0.0111073	0.00580019	0.206997	-4.831	0.123764	2.06793	2.06793	0.65365	0.821315	-1.21756	0.171896	1.88482	1.88482	0.00230948	0.15636	-6.3955	0.0489835	0.375425	-2.66365	0.896326	1.05846	1.05846	0.110969	2.13152	2.13152	0.206995	0.55989	-1.78607	5.7146	17.1926	2.67426	1
cg21880392	FRZB	0.0123865	0.983742	0.990221	-1.00988	0.00469305	0.163261	-6.12515	0.0417695	0.322453	-3.10123	0.0784445	0.389553	-2.56704	0.00188709	0.119495	-8.36853	0.586554	0.767333	-1.30322	0.0156195	0.239391	-4.17727	0.462278	0.697053	-1.43461	0.00688107	0.184979	-5.40601	5.51639	20.3214	3.2745	1
cg26700716	FRZB	0.0138789	0.100601	3.39871	3.39871	0.00343058	14.9403	14.9403	0.0544743	4.41103	4.41103	0.339939	1.95227	1.95227	0.286486	2.12313	2.12313	0.0248744	6.14835	6.14835	0.00183458	20.2978	20.2978	0.00708531	10.6629	10.6629	0.0686352	4.00026	4.00026	5.31503	38.9479	6.51367	1
cg04037038	FRZB	0.0167518	0.360209	0.344372	-2.90384	0.0660396	11.1856	11.1856	0.0579129	12.3998	12.3998	0.00809956	65.6482	65.6482	0.644152	0.59263	-1.68739	0.00491021	106.084	106.084	0.487145	0.450833	-2.21811	0.194846	0.207966	-4.80848	0.0111216	49.1242	49.1242	6.50505	123.522	12.6591	1
cg20308679	FRZB;FRZB	0.00099879	0.405436	0.460318	-2.17241	0.000802338	100.662	100.662	0.00397242	34.1286	34.1286	0.0297096	10.3021	10.3021	0.437166	0.485562	-2.05947	0.00231276	48.4078	48.4078	0.000429283	160.655	160.655	0.00172885	58.8001	58.8001	0.00338298	37.8026	37.8026	11.7706	154.876	11.6959	1
cg09484039	FRZB;FRZB	0.00642509	0.368077	0.428653	-2.33289	0.0333568	9.7611	9.7611	0.0976396	5.28681	5.28681	0.0721112	6.29176	6.29176	0.37475	0.433984	-2.30423	0.0173333	14.23	14.23	0.000994519	88.3198	88.3198	0.00398435	34.7	34.7	0.0119864	17.6714	17.6714	6.79376	90.3316	11.8189	1
cg19809865	FSCB;FSCB	0.000363175	0.0282181	0.480171	-2.08259	0.000125559	0.150878	-6.62787	0.000221811	0.175309	-5.7042	0.000980133	0.249602	-4.00638	0.000252106	0.18111	-5.5215	0.0110919	0.405882	-2.46377	0.262728	1.39182	1.39182	0.853449	1.05375	1.05375	0.00433394	0.339763	-2.94323	15.6099	19.8188	1.12856	1
cg20103550	FSCB;FSCB	0.00281814	0.00413688	0.405675	-2.46503	0.400361	0.817094	-1.22385	0.00052895	0.281784	-3.54882	0.4088	0.820173	-1.21925	0.000488168	0.277407	-3.60481	0.26889	0.763228	-1.31023	0.807913	1.05882	1.05882	0.857392	0.958671	-1.04311	0.00390269	0.401846	-2.48852	8.71829	7.60277	0.775154	1
cg13915212	FSCN1	2.43E-05	4.81E-06	0.348169	-2.87217	0.00392035	0.675867	-1.47958	0.00337698	0.668793	-1.49523	0.00434479	0.680738	-1.46899	0.0763583	1.22014	1.22014	0.13711	0.850787	-1.17538	3.53E-06	0.333121	-3.00191	0.0160442	0.742736	-1.34637	4.12E-05	0.45435	-2.20095	32.1918	5.19199	0.143363	1
cg05998109	FSCN1	6.66E-05	0.0130548	1.57291	1.57291	0.498696	1.1063	1.1063	0.0282251	1.46387	1.46387	0.122164	1.27943	1.27943	0.486523	0.901231	-1.10959	0.914603	1.0159	1.0159	7.67E-07	7.07317	7.07317	0.000399478	2.29017	2.29017	0.133942	1.26838	1.26838	24.6714	8.45347	0.304571	1
cg03462130	FSCN1	0.000723397	0.000746294	0.281551	-3.55175	0.309319	1.29768	1.29768	0.187724	0.70768	-1.41307	0.666556	0.8982	-1.11334	4.35E-05	0.146361	-6.83243	0.906049	0.971181	-1.02967	0.000733226	0.280565	-3.56423	0.351894	1.26778	1.26778	0.175955	0.700213	-1.42814	12.8916	12.524	0.863545	1
cg05269678	FSCN1	0.00201182	0.00550928	3.33891	3.33891	0.637082	1.17003	1.17003	0.577628	1.20428	1.20428	0.0498376	2.09429	2.09429	0.433327	0.767822	-1.30238	0.537908	0.813757	-1.22887	4.01E-05	13.368	13.368	0.0318513	2.29605	2.29605	0.682123	1.14577	1.14577	9.62535	16.6452	1.53716	1
cg08584377	FSCN1	0.00520378	0.254488	0.707483	-1.41346	0.000234801	0.16972	-5.89207	0.577998	1.17755	1.17755	0.951403	0.982431	-1.01788	0.00141588	0.260944	-3.83224	0.782962	0.922834	-1.08362	0.418103	1.27206	1.27206	0.614351	1.15924	1.15924	0.313355	0.738399	-1.35428	7.24954	9.71138	1.19074	1
cg12600030	FSCN1	0.0100843	0.174877	0.26849	-3.72454	0.288235	2.73117	2.73117	?	?	?	0.00111311	0.012563	-79.5986	0.843373	1.19754	1.19754	0.845096	1.19513	1.19513	0.468401	1.95873	1.95873	0.00252781	0.0219198	-45.6209	0.950509	1.05819	1.05819	6.01259	70.2931	11.691	1
cg23080179	FSCN1	0.0106734	0.484133	0.891419	-1.12181	0.805051	0.960813	-1.04079	0.531438	1.10791	1.10791	0.0470755	0.692565	-1.44391	0.189757	0.798899	-1.25172	0.195396	1.24778	1.24778	0.000585339	2.361	2.361	0.0429763	0.68626	-1.45717	0.510109	0.897623	-1.11405	5.7884	2.39562	0.367881	1
cg24239690	FSCN1	0.014442	0.332645	0.913351	-1.09487	0.231614	0.892451	-1.12051	0.0937117	1.18195	1.18195	0.699068	0.965384	-1.03586	0.979477	1.00234	1.00234	0.0136247	1.31886	1.31886	0.00112393	0.647321	-1.54483	0.26286	0.899546	-1.11167	0.249471	0.89659	-1.11534	5.24594	0.683332	0.115786	1
cg23567366	FSCN1	0.0158478	0.0359701	2.44867	2.44867	0.00119721	5.71177	5.71177	0.270363	1.52391	1.52391	0.369773	1.40229	1.40229	0.783085	0.903661	-1.10661	0.298791	0.673465	-1.48486	0.0200712	2.80019	2.80019	0.0111615	3.21405	3.21405	0.230936	1.58611	1.58611	5.08713	10.8562	1.89694	1
cg01418527	FSCN1	0.0180589	0.650786	1.04865	1.04865	0.098151	0.82769	-1.20818	0.0968234	0.82695	-1.20926	0.547561	0.938526	-1.0655	0.168897	0.858294	-1.1651	0.069573	1.23564	1.23564	0.00917968	0.708312	-1.41181	0.251183	1.13313	1.13313	0.00327478	0.658478	-1.51865	4.86978	0.838169	0.152992	1
cg00783363	FSCN1	0.0192624	0.18158	1.17573	1.17573	0.654388	1.05279	1.05279	0.035869	0.756764	-1.32142	0.00106803	1.73664	1.73664	0.459755	1.08972	1.08972	0.292953	1.13263	1.13263	0.0591675	1.27533	1.27533	0.83189	0.976025	-1.02456	0.315767	0.888334	-1.1257	4.7649	0.983434	0.183459	1
cg07147383	FSCN2;FSCN2	0.0031481	0.00155724	0.126462	-7.90753	0.00279151	0.15353	-6.51338	0.0224634	0.288471	-3.46655	0.112293	0.455604	-2.19489	0.000447105	0.0806077	-12.4058	0.054967	0.371758	-2.68992	0.0127325	0.244765	-4.08555	0.0110233	0.234602	-4.26254	0.00506394	0.185436	-5.3927	8.43643	27.6234	2.91049	1
cg23164850	FSCN2;FSCN2	0.0133497	0.0438578	0.407827	-2.45202	0.00906069	0.276864	-3.61188	0.0123252	0.299196	-3.34229	0.674577	1.17763	1.17763	0.0321675	0.378488	-2.64209	0.38419	0.707883	-1.41266	0.00117484	0.158242	-6.31945	0.0452562	0.410916	-2.43359	0.103977	0.502421	-1.99036	5.38322	12.7818	2.11056	1
cg15774065	FSCN2;FSCN2	0.0189326	0.0249745	0.3616	-2.76549	0.00691002	0.263627	-3.79324	0.0169722	0.329484	-3.03505	0.248018	0.630954	-1.5849	0.0161819	0.325691	-3.07039	0.317294	0.674214	-1.48321	0.0026742	0.205305	-4.87079	0.0431514	0.411813	-2.42829	0.143431	0.54906	-1.82129	4.79282	11.0382	2.04717	1
cg27138293	FSCN2;FSCN2	0.0203458	0.0392629	2.53501	2.53501	0.00717429	3.87174	3.87174	0.0544927	2.34153	2.34153	?	?	?	0.903021	0.953575	-1.04869	0.162348	1.78917	1.78917	0.378599	0.703076	-1.42232	0.00327272	4.77428	4.77428	0.183392	1.73409	1.73409	4.76191	10.1958	2.14111	1
cg18919720	FSCN2;FSCN2	0.0310905	0.132588	0.419766	-2.38228	0.0162337	0.207538	-4.8184	0.0321134	0.261129	-3.82953	0.405788	1.57607	1.57607	0.0842771	0.360026	-2.77758	0.726136	0.828532	-1.20695	0.00346603	0.119731	-8.35205	0.0453489	0.292896	-3.41418	0.153796	0.441852	-2.2632	4.03523	18.2848	4.02781	1
cg20932150	FSCN2;FSCN2	0.0321672	0.0325035	0.428063	-2.33611	0.00485258	0.281887	-3.54752	0.00543033	0.289308	-3.45652	0.87448	0.947817	-1.05506	0.156985	0.598606	-1.67055	0.454302	0.772289	-1.29485	0.0316064	0.425538	-2.34997	0.0633706	0.492725	-2.02953	0.304175	0.697141	-1.43443	3.98643	7.25635	1.61801	1
cg09699056	FSCN2;FSCN2	0.0404865	0.0400213	2.66356	2.66356	0.00438317	4.80957	4.80957	0.106418	2.07041	2.07041	0.207725	1.7304	1.7304	0.81389	1.10224	1.10224	0.0737936	2.27654	2.27654	0.436144	1.3881	1.3881	0.00610318	4.38215	4.38215	0.689142	1.18055	1.18055	3.66676	9.8951	2.39875	1
cg09084279	FSCN2;FSCN2	0.0416624	0.152681	0.404726	-2.47081	0.0145373	0.169031	-5.91607	0.0111599	0.152845	-6.54256	0.509059	1.48522	1.48522	0.345598	0.563481	-1.77468	0.963783	1.02718	1.02718	0.00923826	0.142111	-7.03674	0.0662376	0.296215	-3.37593	0.433889	0.624031	-1.60248	3.62816	20.0389	4.90947	1
cg01512532	FSCN2;FSCN2	0.0457907	0.100931	0.206088	-4.85229	0.245337	0.343574	-2.91058	0.029761	0.105529	-9.4761	0.633949	1.52464	1.52464	0.151065	0.258526	-3.86808	0.973699	0.971431	-1.02941	0.00372714	0.0319346	-31.314	0.0256881	0.0973233	-10.275	0.125192	0.232434	-4.3023	3.50258	42.8791	10.8819	1
cg21751023	FSCN3	2.03E-05	6.17E-05	0.354616	-2.81995	0.000324742	2.26041	2.26041	1.47E-05	0.282634	-3.53815	0.716977	0.950198	-1.05241	8.13E-06	0.254648	-3.92698	0.677095	0.942927	-1.06053	0.00839297	1.604	1.604	0.395283	0.884998	-1.12995	0.600399	0.928515	-1.07699	33.7467	10.5244	0.277214	1
cg06294376	FSCN3	0.0035302	0.00636534	0.298408	-3.35112	0.0865203	0.524781	-1.90556	0.0449753	0.456801	-2.18914	0.835438	0.931616	-1.0734	0.00142455	0.207738	-4.81376	0.181181	0.616675	-1.6216	0.000251785	0.128038	-7.81017	0.0246411	0.402021	-2.48743	0.00835606	0.317392	-3.15068	8.15281	14.9734	1.63253	1
cg16874077	FSCN3	0.0078139	0.726015	1.09615	1.09615	0.176995	0.687666	-1.4542	0.162135	0.677412	-1.47621	0.0334105	0.522776	-1.91287	0.000679755	0.257956	-3.87662	0.0038846	0.362523	-2.75845	0.202202	1.421	1.421	0.383305	1.26274	1.26274	0.531513	1.17984	1.17984	6.39127	6.89227	0.958567	1
cg26205751	FSCN3	0.0135142	0.958718	1.023	1.023	0.853212	1.08477	1.08477	0.597107	0.791086	-1.26409	0.215335	1.77351	1.77351	0.000599723	0.0976807	-10.2374	0.171493	0.527511	-1.8957	0.0163777	0.275529	-3.62938	0.921135	0.957426	-1.04447	0.0234201	0.304325	-3.28596	5.36167	16.3902	2.71726	1
cg16725721	FSCN3;FSCN3	0.0358338	0.117327	0.384542	-2.6005	0.234065	0.496161	-2.01547	0.0644869	0.311334	-3.21199	0.301485	1.82476	1.82476	0.180064	0.449394	-2.22522	0.285591	0.536276	-1.86471	0.00167644	0.0801285	-12.48	0.648895	0.772956	-1.29373	0.0303508	0.239273	-4.17933	3.83427	19.1683	4.44373	1
cg11271925	FSD1	0.000718116	0.071451	1.39154	1.39154	0.000157713	0.346149	-2.88893	0.00052465	0.41186	-2.42801	0.661408	0.930219	-1.07502	0.0381465	1.48354	1.48354	0.377148	0.861791	-1.16037	0.00322339	1.93416	1.93416	0.427078	1.14236	1.14236	0.324178	0.8461	-1.18189	12.9181	5.5116	0.379251	1
cg20120438	FSD1	0.000822574	0.735023	1.08593	1.08593	0.936445	1.01954	1.01954	0.000232269	4.40335	4.40335	0.519482	1.17172	1.17172	0.00236155	0.357254	-2.79913	0.0408481	1.77337	1.77337	0.585875	0.875017	-1.14283	0.000192715	4.58837	4.58837	0.167901	1.42857	1.42857	12.4343	11.5984	0.829136	1
cg20789620	FSD1	0.000869222	0.00195414	0.222128	-4.50191	0.00373399	0.260453	-3.83947	0.0101154	0.328017	-3.04862	0.276575	0.677875	-1.4752	0.000454268	0.149863	-6.67276	0.4453	1.30644	1.30644	0.000320469	0.135258	-7.39327	0.000517177	0.155546	-6.42897	0.0284259	0.411246	-2.43163	12.2424	22.8837	1.66152	1
cg04720596	FSD1	0.00343594	0.00142914	0.130548	-7.65999	0.0142669	0.263388	-3.79668	0.0481379	0.368977	-2.7102	0.109509	0.462902	-2.16028	0.00403584	0.181811	-5.50023	0.154942	0.510721	-1.95802	0.000447382	0.0867697	-11.5248	0.0031673	0.168698	-5.92774	0.0203931	0.291179	-3.43431	8.2191	25.3651	2.74322	1
cg19023592	FSD1	0.00388392	0.410221	0.904611	-1.10545	0.40061	0.90265	-1.10785	0.00354025	0.624627	-1.60096	0.514464	0.924323	-1.08187	0.597146	1.06555	1.06555	0.104936	1.23482	1.23482	0.000374615	1.96828	1.96828	0.0302778	0.738451	-1.35419	0.427656	0.908097	-1.1012	7.92245	1.77805	0.199495	1
cg00341885	FSD1	0.00808754	0.26851	0.67325	-1.48533	0.0820783	1.93738	1.93738	0.712734	1.13536	1.13536	0.897092	0.956551	-1.04542	0.000312098	0.134387	-7.44117	0.00674258	0.299438	-3.33959	0.847005	0.935839	-1.06856	0.694984	1.14486	1.14486	0.424987	0.756017	-1.32272	6.32245	11.8008	1.6591	1
cg09601518	FSD1	0.0196651	0.883277	0.979287	-1.02115	0.0183948	0.665299	-1.50308	0.342135	1.14964	1.14964	0.246173	1.18862	1.18862	0.268659	1.17838	1.17838	0.0132833	1.54826	1.54826	0.012214	0.640926	-1.56024	0.048534	0.725372	-1.3786	0.943763	1.0101	1.0101	4.73161	1.52115	0.285766	1
cg25902889	FSD1	0.0202939	0.0499647	1.99097	1.99097	0.615255	1.16894	1.16894	0.00275582	3.56912	3.56912	0.0404195	2.07337	2.07337	0.266497	0.700032	-1.42851	0.789606	1.08587	1.08587	0.501352	1.23394	1.23394	0.0105268	2.69522	2.69522	0.018611	2.40802	2.40802	4.68129	7.03508	1.33583	1
cg19752891	FSD1	0.0261841	0.0375246	0.503029	-1.98796	0.803913	0.931622	-1.0734	0.0486957	1.89841	1.89841	0.135397	1.58125	1.58125	0.11024	0.609215	-1.64146	0.562004	1.18166	1.18166	0.0399196	0.508568	-1.96631	0.00926651	0.390582	-2.56028	0.483468	1.22477	1.22477	4.28749	5.5043	1.14116	1
cg10668067	FSD1	0.0367334	0.907161	0.973803	-1.0269	0.0107175	0.482033	-2.07455	0.0198535	0.527365	-1.89622	0.889125	0.968758	-1.03225	0.00285217	0.392868	-2.54538	0.0989614	0.662579	-1.50925	0.296957	0.78188	-1.27897	0.477665	0.848507	-1.17854	0.169714	0.716897	-1.3949	3.79986	3.11604	0.728924	1
cg13990129	FSD1L	0.00950709	0.00895056	0.362969	-2.75505	0.00600738	0.334771	-2.98712	0.219738	0.674793	-1.48194	0.337878	1.35141	1.35141	0.0118452	0.383756	-2.60582	0.017695	0.415049	-2.40935	0.2073	0.666752	-1.49981	0.706089	0.890939	-1.12241	0.00173083	0.256098	-3.90475	6.00677	8.83888	1.30799	1
cg13888226	FSD1L;FSD1L	3.88E-06	0.0625048	1.22841	1.22841	5.88E-06	0.368293	-2.71523	0.631175	1.04861	1.04861	0.049479	1.24604	1.24604	0.00116325	1.5968	1.5968	0.00927034	1.38265	1.38265	2.06E-07	4.69377	4.69377	0.0183503	1.32424	1.32424	0.0131252	0.739457	-1.35234	51.8214	7.90344	0.135567	1
cg10141332	FSD1L;FSD1L	0.00578394	0.659591	0.934575	-1.07	0.0728137	0.736764	-1.35729	0.359254	1.15476	1.15476	0.211513	1.22253	1.22253	0.0110444	0.614742	-1.6267	0.118363	1.29538	1.29538	0.000305157	2.44837	2.44837	0.678656	1.06566	1.06566	0.842372	0.970065	-1.03086	7.01808	2.58987	0.328025	1
cg13899841	FSD1L;FSD1L;FSD1L	0.00415574	0.0067849	0.20642	-4.8445	0.000857428	0.105209	-9.50485	0.0165248	0.267936	-3.73224	0.034089	0.328822	-3.04116	0.00795061	0.216447	-4.62007	0.0667914	0.396832	-2.51996	0.000638173	0.0945801	-10.5731	0.0557386	0.377254	-2.65073	0.0235451	0.296321	-3.37472	7.76251	24.8659	2.8474	1
cg10861407	FSD1L;FSD1L;FSD1L	0.00732791	0.384311	0.739947	-1.35145	0.000590307	6.00133	6.00133	0.0224537	2.51738	2.51738	0.330602	1.40348	1.40348	0.0117144	0.345312	-2.89593	0.616457	0.843238	-1.1859	0.185523	0.622505	-1.60641	0.446292	1.29967	1.29967	0.73248	0.890609	-1.12283	6.52122	11.7738	1.60486	1
cg00070370	FSD2	0.0279079	0.32294	0.792587	-1.26169	0.516032	1.16176	1.16176	0.00356282	0.406951	-2.4573	0.770009	1.06903	1.06903	0.00375408	0.41035	-2.43695	0.760782	0.932838	-1.072	0.0431996	0.588874	-1.69816	0.891246	1.03164	1.03164	0.254842	0.762859	-1.31086	4.19264	3.44211	0.729766	1
cg03366285	FSD2;FSD2	0.000187627	0.0414291	0.608117	-1.64442	0.825329	0.954329	-1.04786	8.53E-05	0.22475	-4.44939	0.000317356	0.291309	-3.43278	2.57E-05	0.171358	-5.83575	0.00417367	0.444035	-2.25207	0.000284593	0.285486	-3.5028	0.763606	0.938202	-1.06587	0.0172629	0.541478	-1.8468	18.6919	13.2411	0.629678	1
cg13280803	FSHB;FSHB	0.000595433	0.880115	1.02222	1.02222	0.143482	1.25726	1.25726	0.00878141	0.615066	-1.62584	0.220254	0.828862	-1.20647	0.00364688	0.563999	-1.77305	0.0858584	0.758475	-1.31843	0.0533581	1.3766	1.3766	0.7571	0.955824	-1.04622	1.69E-05	0.276393	-3.61804	13.6129	4.57256	0.298578	1
cg17685019	FSHB;FSHB	0.00731039	0.287415	0.807347	-1.23863	0.015437	1.77852	1.77852	0.00536558	0.491459	-2.03476	0.0186513	0.575527	-1.73754	0.637047	1.09645	1.09645	0.00990777	0.53192	-1.87998	0.352221	1.20379	1.20379	0.8567	1.03564	1.03564	0.00819243	0.519203	-1.92603	6.5261	3.87977	0.528445	1
cg26085520	FSHB;FSHB	0.0235768	0.428443	0.816841	-1.22423	0.177657	1.43119	1.43119	0.285671	0.757673	-1.31983	0.128177	0.662611	-1.50918	0.0225321	0.504722	-1.98129	0.00537604	0.399615	-2.50241	0.0177381	0.485981	-2.05769	0.173275	0.695847	-1.4371	0.0109374	0.449657	-2.22392	4.44668	4.41066	0.881689	1
cg15159060	FSHB;FSHB	0.0410437	0.0886588	0.368046	-2.71705	0.851718	0.905208	-1.10472	0.0160711	0.208465	-4.79697	0.0372929	0.276245	-3.61997	0.0632628	0.328991	-3.03959	0.120371	0.40794	-2.45134	0.00486474	0.137115	-7.29313	0.148611	0.438437	-2.28083	0.0343493	0.268824	-3.71991	3.6483	16.3664	3.98758	1
cg16632868	FSHB;FSHB;FSHB	0.000636559	0.00775403	0.229939	-4.34899	0.0135946	0.269144	-3.71548	0.00793024	0.231415	-4.32125	0.0024491	0.163341	-6.12218	0.000174004	0.0646274	-15.4733	0.542979	0.767444	-1.30303	7.34E-05	0.0450822	-22.1817	0.0290774	0.330963	-3.02149	0.00130818	0.133787	-7.47455	13.3614	39.1037	2.60143	1
cg12528408	FSHR;FSHR	0.0041796	0.00273044	0.172608	-5.79347	0.0224652	0.313178	-3.19307	0.0246633	0.321078	-3.11451	0.0272022	0.329559	-3.03435	0.000824076	0.117713	-8.49525	0.521197	1.318	1.318	0.0107452	0.256378	-3.90049	0.774503	1.12973	1.12973	0.00460641	0.201653	-4.95901	7.7491	22.1301	2.53852	1
cg12353175	FSHR;FSHR	0.006587	0.297285	0.643326	-1.55442	0.671312	1.19035	1.19035	0.0328603	0.360986	-2.77019	0.345944	0.672853	-1.48621	0.00322407	0.193854	-5.15853	0.0302915	0.353582	-2.8282	0.000392997	0.0997144	-10.0286	0.533043	0.772796	-1.294	0.0100894	0.265741	-3.76306	6.74149	17.7927	2.34603	1
cg17327492	FSHR;FSHR	0.0301118	0.405216	0.754061	-1.32615	0.572998	1.20778	1.20778	0.701281	0.880067	-1.13628	0.564983	0.824623	-1.21267	0.733841	1.11978	1.11978	0.0135153	0.363012	-2.75473	0.00240696	0.246272	-4.06055	0.113222	1.77068	1.77068	0.115187	0.566808	-1.76427	4.08144	7.10229	1.54679	1
cg03316752	FSIP1	0.000959121	0.0017814	0.315411	-3.17047	9.48E-05	0.16465	-6.07348	0.00168492	0.312047	-3.20465	0.549433	0.854586	-1.17016	0.0894734	0.615229	-1.62541	0.14845	0.668899	-1.49499	0.000347856	0.224845	-4.44752	0.808165	0.938843	-1.06514	0.0122968	0.445346	-2.24544	11.9065	12.6924	0.947562	1
cg26166170	FSIP1	0.00111898	0.00799921	0.456977	-2.1883	0.36877	1.237	1.237	0.372745	0.809906	-1.23471	0.0380508	0.574615	-1.74029	2.16E-05	0.13974	-7.15614	0.0141354	0.497719	-2.00917	0.00642552	0.441864	-2.26314	0.448054	0.836819	-1.195	0.151958	0.702134	-1.42423	11.3966	9.58195	0.74735	1
cg10327302	FSIP1	0.00112544	0.0481012	1.44906	1.44906	0.945345	0.988807	-1.01132	0.140502	0.7708	-1.29735	0.00386377	0.527793	-1.89468	0.667721	1.07348	1.07348	0.911215	1.01848	1.01848	0.00019545	0.357506	-2.79716	0.000263609	0.373699	-2.67595	0.0521939	0.695873	-1.43704	11.378	4.85769	0.379501	1
cg10545738	FSIP1	0.00237157	0.607784	1.10917	1.10917	0.000289424	0.306259	-3.26521	0.0129211	0.539224	-1.85452	0.166053	1.34393	1.34393	0.580822	0.894381	-1.11809	0.287705	0.801778	-1.24723	0.00417894	2.15568	2.15568	0.0665005	1.50961	1.50961	0.0864842	0.684545	-1.46083	9.17315	5.8194	0.563907	1
cg18724215	FSIP1	0.00481447	0.00257734	0.612805	-1.63184	0.140583	1.20417	1.20417	0.00123311	1.7397	1.7397	0.0437427	0.762096	-1.31217	0.7716	0.966462	-1.0347	0.931019	0.989904	-1.0102	0.697235	1.04689	1.04689	0.047384	1.30456	1.30456	0.0621163	1.2791	1.2791	7.4237	1.61504	0.193379	1
cg23089272	FSIP1	0.017615	0.0488817	0.31616	-3.16295	0.00126728	0.0899829	-11.1132	0.488028	0.697191	-1.43433	0.385334	0.634024	-1.57723	0.0115958	0.198741	-5.03168	0.184585	0.486513	-2.05544	0.0143739	0.21333	-4.68757	0.0133798	0.208364	-4.7993	0.457729	0.678979	-1.4728	4.91067	20.3867	3.69023	1
cg22761315	FSIP1	0.0336196	0.0168035	0.758806	-1.31786	0.341267	1.0972	1.0972	0.442679	1.07685	1.07685	0.0616664	0.819466	-1.22031	0.0268891	0.780394	-1.2814	0.0261118	0.779039	-1.28363	0.101724	0.84411	-1.18468	0.715982	1.03517	1.03517	0.0262204	0.779231	-1.28332	3.92371	0.556073	0.125974	1
cg03013817	FSIP1	0.0416114	0.120362	0.430686	-2.32188	0.792063	0.876249	-1.14123	0.0908771	0.394053	-2.53773	0.797152	0.879163	-1.13745	0.0536509	0.33433	-2.99105	0.173392	0.48468	-2.06322	0.00436972	0.149049	-6.70919	0.00601912	0.166234	-6.01562	0.166691	0.478448	-2.09009	3.62981	14.3714	3.51935	1
cg21637050	FSIP1	0.046652	0.41672	1.20679	1.20679	0.0654485	1.59723	1.59723	0.00525732	2.30134	2.30134	0.717991	1.0856	1.0856	0.251464	1.31171	1.31171	0.17413	1.38738	1.38738	0.232846	0.753283	-1.32752	0.14298	0.70011	-1.42835	0.195897	0.73364	-1.36307	3.47814	2.82518	0.722016	1
cg15911114	FST;FST	6.25E-05	0.268858	1.11099	1.11099	3.78E-06	0.372876	-2.68186	2.29E-05	0.46083	-2.17	0.0265925	1.27151	1.27151	0.0403389	1.24168	1.24168	0.646004	0.958611	-1.04318	0.857711	0.983732	-1.01654	0.365923	0.918605	-1.08861	0.775206	0.974171	-1.02651	25.0914	3.31947	0.117596	1
cg02150369	FST;FST	0.00876216	0.110237	0.623661	-1.60344	0.544637	1.18094	1.18094	0.558941	1.17387	1.17387	0.468655	0.818738	-1.22139	0.919815	1.02769	1.02769	0.113627	0.626923	-1.59509	0.000330907	0.207633	-4.8162	0.0175089	0.456422	-2.19096	0.108862	1.6069	1.6069	6.16449	7.18308	1.03576	1
cg13408152	FSTL1	0.000368502	0.228748	0.782919	-1.27727	0.348531	1.20561	1.20561	0.14609	1.35298	1.35298	0.0978219	1.42174	1.42174	0.000761252	0.372172	-2.68693	0.107233	0.711317	-1.40584	0.00232803	0.43879	-2.27899	3.79E-05	4.62862	4.62862	0.579343	1.11459	1.11459	15.5475	9.24285	0.528437	1
cg00091633	FSTL1	0.00202165	0.0685509	1.86928	1.86928	0.659648	0.872864	-1.14565	0.305387	1.38489	1.38489	0.0140444	2.53544	2.53544	0.00376397	0.301263	-3.31936	0.385095	0.760935	-1.31417	0.0127139	0.38674	-2.58572	0.000396939	5.64128	5.64128	0.151362	1.60269	1.60269	9.6117	14.3296	1.3252	1
cg15109851	FSTL1;FSTL1	0.0157418	0.761479	1.06856	1.06856	0.216467	0.753287	-1.32751	0.665035	0.909473	-1.09954	0.00743391	0.471915	-2.11903	0.0287046	0.570028	-1.7543	0.00228168	0.39483	-2.53274	0.149162	0.713945	-1.40067	0.0129712	0.510859	-1.95749	0.300224	1.26344	1.26344	5.09849	3.83137	0.667975	1
cg15195495	FSTL3	9.85E-06	8.80E-05	0.273468	-3.65674	1.06E-05	0.176178	-5.67609	0.00156078	0.432271	-2.31336	0.0203774	0.597054	-1.67489	6.68E-06	0.157835	-6.33573	9.67E-05	0.278222	-3.59426	5.24E-06	0.148527	-6.73277	6.04E-06	0.153925	-6.49668	0.000239034	0.325583	-3.07141	40.7246	21.9529	0.479163	1
cg22619412	FSTL3	0.00071004	0.00852573	0.495856	-2.01672	0.00131523	0.376443	-2.65645	0.302239	1.25024	1.25024	0.138132	1.39602	1.39602	0.00263071	0.418921	-2.38709	0.0973179	0.683712	-1.4626	8.32E-05	0.22758	-4.39406	0.00176152	0.394098	-2.53744	0.0209832	0.559719	-1.78661	12.9591	8.96265	0.614764	1
cg15488009	FSTL3	0.00330598	0.0278212	0.116151	-8.6095	0.0208319	0.0999252	-10.0075	0.133479	0.261775	-3.82007	0.0814154	0.202016	-4.9501	0.00264448	0.031917	-31.3313	0.00597755	0.0510172	-19.6012	0.000421869	0.00978815	-102.164	0.00160142	0.0235536	-42.4564	0.00959979	0.0661995	-15.1059	8.3143	90.2897	9.65294	1
cg05304405	FSTL3	0.00699561	0.829377	1.06052	1.06052	0.00336679	0.337554	-2.96249	0.278612	1.359	1.359	0.506425	1.20148	1.20148	0.050007	0.544134	-1.83778	0.0677331	0.572807	-1.74579	0.00121877	0.275589	-3.62859	0.00830431	0.399019	-2.50615	0.0499627	0.544053	-1.83806	6.61641	7.76919	1.04376	1
cg27377632	FSTL3	0.00820513	0.0209443	0.177245	-5.6419	0.406798	0.589491	-1.69638	0.923426	0.941883	-1.0617	0.632124	1.35038	1.35038	0.0327215	0.210959	-4.74026	0.141234	0.373303	-2.67879	0.000461479	0.0323051	-30.9549	0.00320248	0.0816007	-12.2548	0.101098	0.326878	-3.05925	6.29376	38.661	5.46022	1
cg23260026	FSTL3	0.0115177	0.210048	0.527628	-1.89528	0.270157	0.573639	-1.74326	0.157385	0.481022	-2.07891	0.534196	0.737332	-1.35624	0.00473697	0.162698	-6.14634	0.0526589	0.344296	-2.90448	0.000667754	0.0804326	-12.4328	0.0147033	0.233745	-4.27817	0.0184161	0.250547	-3.99126	5.64805	20.9569	3.2982	1
cg24341615	FSTL3	0.0136542	0.317803	0.692876	-1.44326	0.198778	0.617233	-1.62013	0.868392	1.0607	1.0607	0.296447	1.46911	1.46911	0.0561511	0.463677	-2.15667	0.336666	0.70329	-1.42189	0.000307568	0.124694	-8.01966	0.0370887	0.423118	-2.36341	0.509246	0.788282	-1.26858	5.34359	10.685	1.77741	1
cg08346078	FSTL3	0.0143582	0.387056	0.800703	-1.2489	0.595612	1.14371	1.14371	0.232237	1.36898	1.36898	0.000950283	0.290863	-3.43804	0.00488422	0.3925	-2.54777	0.164234	0.68931	-1.45073	0.534006	1.17104	1.17104	0.143511	0.674321	-1.48297	0.308644	0.767861	-1.30232	5.25601	5.23136	0.88472	1
cg11724366	FSTL3	0.0362839	0.26692	0.579268	-1.72632	0.439441	0.689199	-1.45096	0.89207	0.937926	-1.06618	0.38573	0.657204	-1.5216	0.00143168	0.113424	-8.81647	0.0311929	0.30314	-3.2988	0.0243876	0.281887	-3.54752	0.0719266	0.387391	-2.58137	0.183435	0.513631	-1.94692	3.81692	13.4705	3.13703	1
cg16825133	FSTL3	0.0423224	0.818909	1.05562	1.05562	0.0218579	0.522373	-1.91434	0.176909	1.40322	1.40322	0.203507	1.37271	1.37271	0.0863425	0.639418	-1.56392	0.394368	0.813912	-1.22863	0.0112738	0.472759	-2.11524	0.0518985	0.593293	-1.68551	0.314197	0.782185	-1.27847	3.60708	3.18244	0.784245	1
cg07344492	FSTL4	4.01E-05	0.0263043	1.14284	1.14284	1.83E-06	1.82505	1.82505	0.0102822	0.848851	-1.17806	0.0300943	0.878751	-1.13798	0.0546241	1.1168	1.1168	0.0682709	0.901728	-1.10898	0.00554026	0.831364	-1.20284	0.00264567	0.80996	-1.23463	0.00833578	1.18631	1.18631	28.2097	1.14714	0.0361463	1
cg26717066	FSTL4	8.02E-05	6.58E-05	0.242908	-4.11678	0.151553	0.743062	-1.34578	9.10E-05	0.258778	-3.86431	0.00135546	0.406901	-2.4576	0.006078	0.500396	-1.99842	0.0190859	0.577927	-1.73032	4.89E-06	0.133143	-7.51069	0.964796	0.991506	-1.00857	0.00181008	0.424295	-2.35685	23.4827	13.8928	0.525883	1
cg18718261	FSTL4	9.89E-05	0.104307	0.784554	-1.27461	0.696282	0.947809	-1.05507	8.66E-05	0.381938	-2.61823	0.00593386	0.611584	-1.6351	0.687784	1.05675	1.05675	0.00603073	0.612497	-1.63266	5.71E-06	0.247456	-4.04113	0.0741984	0.761962	-1.3124	7.80E-05	0.376491	-2.65611	22.2081	6.56734	0.26286	1
cg10825350	FSTL4	0.00182721	0.499618	1.23807	1.23807	0.00223138	0.263287	-3.79814	0.000983688	0.217259	-4.6028	0.178197	0.640315	-1.56173	0.0034096	0.289339	-3.45615	0.0265671	0.440788	-2.26866	0.000186605	0.14008	-7.13878	0.279718	0.704555	-1.41934	0.0614868	0.518681	-1.92797	9.89859	15.2241	1.36712	1
cg10914727	FSTL4	0.00357514	0.429405	0.601882	-1.66146	0.0201222	5.83849	5.83849	0.00354285	12.0347	12.0347	0.169848	0.398423	-2.5099	0.0436594	0.232306	-4.30467	0.447696	1.62748	1.62748	0.00264594	13.707	13.707	0.00250423	14.0522	14.0522	0.412756	0.59035	-1.69391	8.12198	50.9545	5.57658	1
cg03557770	FSTL4	0.00479722	0.601392	0.848816	-1.17811	0.182374	0.643963	-1.55288	0.331283	0.73218	-1.36578	0.00265718	0.27456	-3.64219	0.0550999	0.508491	-1.9666	0.0207992	0.420907	-2.37582	0.000152835	0.132757	-7.53257	0.94599	1.02129	1.02129	0.0431842	0.485118	-2.06136	7.43182	11.3831	1.36148	1
cg23958118	FSTL4	0.00682404	0.188376	0.816612	-1.22457	0.876877	1.02279	1.02279	0.0698451	0.744778	-1.34268	0.00465906	0.578705	-1.728	0.00429471	0.574011	-1.74213	0.0281594	0.686046	-1.45763	0.0209138	1.49775	1.49775	0.547983	0.915425	-1.09239	0.00529356	0.586087	-1.70623	6.66779	2.23118	0.29744	1
cg11279294	FSTL4	0.00843111	0.737981	0.868924	-1.15085	0.0669649	2.3616	2.3616	0.0182255	3.31825	3.31825	0.108937	0.481145	-2.07838	0.00462106	0.20658	-4.84075	0.489939	0.745659	-1.3411	0.0128836	3.64078	3.64078	0.015781	3.44793	3.44793	0.974993	1.0132	1.0132	6.24004	17.3073	2.46541	1
cg02650128	FSTL4	0.0102676	0.0800793	0.595016	-1.68063	0.058486	1.77096	1.77096	0.106364	0.624106	-1.60229	0.974376	0.99145	-1.00862	0.000600156	0.242842	-4.1179	0.0304594	0.506637	-1.9738	0.0316447	0.509874	-1.96127	0.71346	0.906101	-1.10363	0.0993795	0.616984	-1.62079	5.86086	6.63477	1.00626	1
cg19005955	FSTL4	0.0114737	0.0245541	0.303234	-3.29779	0.00282241	0.159982	-6.25071	0.00223265	0.1484	-6.73853	0.00625045	0.204401	-4.89234	0.0599845	0.388509	-2.57394	0.0919085	0.437487	-2.28578	0.0154333	0.266023	-3.75907	0.239877	0.577926	-1.73032	0.0937759	0.43996	-2.27293	5.65505	17.7794	2.79466	1
cg24908814	FSTL4	0.0119006	0.125283	1.66155	1.66155	0.775911	0.91637	-1.09126	0.140079	0.615198	-1.62549	0.488541	0.806273	-1.24027	0.000465331	0.185529	-5.39	0.00694784	0.343421	-2.91188	0.83023	1.06791	1.06791	0.57307	0.84008	-1.19036	0.48884	0.806396	-1.24008	5.58856	8.28894	1.3184	1
cg15380263	FSTL4	0.012828	0.0169446	0.536361	-1.86442	0.00434817	2.25922	2.25922	0.759791	0.93651	-1.06779	0.595761	0.891794	-1.12133	0.0419155	0.605632	-1.65117	0.203407	1.33263	1.33263	0.0157957	0.531254	-1.88234	0.487292	0.85989	-1.16294	0.170898	1.36598	1.36598	5.4538	3.95162	0.644055	1
cg08549011	FSTL4	0.0174899	0.0818148	1.49995	1.49995	0.342126	1.22848	1.22848	0.0117935	0.516245	-1.93706	0.359805	1.21889	1.21889	0.00331979	0.431449	-2.31777	0.0532374	1.58677	1.58677	0.327628	1.23669	1.23669	0.668878	0.913518	-1.09467	0.942236	0.98488	-1.01535	4.92243	3.44574	0.62223	1
cg09095470	FSTL4	0.018071	0.383597	1.14076	1.14076	0.161098	1.24686	1.24686	0.299118	1.1719	1.1719	0.176531	1.23588	1.23588	0.00901979	1.63124	1.63124	0.191833	1.22589	1.22589	0.00191914	0.523356	-1.91075	0.821885	1.0338	1.0338	0.414602	1.1308	1.1308	4.86868	1.67542	0.305887	1
cg27038382	FSTL4	0.0185341	0.140079	0.497206	-2.01124	0.586566	0.785296	-1.2734	0.0714709	0.412305	-2.42539	0.135784	0.492836	-2.02907	0.00405033	0.182906	-5.4673	0.602163	0.793344	-1.26049	0.000804094	0.10793	-9.2653	0.190811	0.543505	-1.83991	0.0875539	0.435996	-2.2936	4.82735	14.8121	2.72744	1
cg04197847	FSTL4	0.020939	0.24534	0.580714	-1.72202	0.145992	2.00991	2.00991	0.963466	1.0207	1.0207	0.82282	0.904557	-1.10551	0.00524019	0.192602	-5.19204	0.0613146	0.389462	-2.56765	0.00507964	0.190785	-5.24149	0.800803	0.893082	-1.11972	0.0190359	0.280939	-3.55949	4.63163	14.6745	2.81628	1
cg26125956	FSTL4	0.0274342	0.196385	1.22793	1.22793	0.0112844	0.62063	-1.61127	0.121189	0.776787	-1.28735	0.242851	0.832179	-1.20167	0.0840187	1.33292	1.33292	0.0862844	1.32958	1.32958	0.054901	1.38712	1.38712	0.221206	1.21324	1.21324	0.159215	0.797608	-1.25375	4.21797	1.50935	0.318078	1
cg07370141	FSTL4	0.0331976	0.18151	0.753094	-1.32786	0.00571238	2.06378	2.06378	0.796781	0.949717	-1.05295	0.271603	0.795486	-1.25709	0.285917	0.801263	-1.24803	0.0396384	1.6091	1.6091	0.0893335	0.687618	-1.4543	0.766007	0.942079	-1.06148	0.104999	1.42499	1.42499	3.94159	2.49509	0.562682	1
cg08409972	FSTL4	0.0338232	0.311751	0.908429	-1.1008	0.0643477	0.826354	-1.21014	0.331725	0.912192	-1.09626	0.706459	1.03533	1.03533	0.268443	1.11158	1.11158	0.0594258	1.21564	1.21564	0.00394291	1.42748	1.42748	0.0789294	1.19607	1.19607	0.43407	1.076	1.076	3.91519	0.522251	0.11857	1
cg01664151	FSTL4	0.038005	0.342467	1.45862	1.45862	0.456333	0.74617	-1.34018	0.272699	0.643638	-1.55367	0.902045	0.953589	-1.04867	0.523193	1.28368	1.28368	0.164933	1.77137	1.77137	0.00138622	0.167119	-5.98376	0.341879	1.45933	1.45933	0.38199	1.41347	1.41347	3.75296	8.85406	2.09709	1
cg02378360	FSTL4	0.0422184	0.174041	0.421924	-2.37009	0.00101613	0.0545688	-18.3255	0.057156	0.276887	-3.61158	0.940488	1.04556	1.04556	0.0893655	0.327019	-3.05793	0.189737	0.436555	-2.29066	0.238312	0.478529	-2.08974	0.353204	0.565508	-1.76832	0.868834	0.906084	-1.10365	3.61037	20.3608	5.01292	1
cg21794994	FSTL5;FSTL5;FSTL5	4.52E-06	0.0615044	0.866706	-1.15379	6.68E-05	1.64253	1.64253	4.52E-05	0.592127	-1.68883	0.000447927	0.686588	-1.45648	0.000129219	0.63649	-1.57112	0.0645245	0.868463	-1.15146	0.0115396	0.80691	-1.2393	0.00199098	1.34513	1.34513	4.52E-07	0.380124	-2.63072	49.817	3.63912	0.0649331	1
cg14650167	FSTL5;FSTL5;FSTL5	0.00208211	0.201516	0.899661	-1.11153	0.01967	1.24721	1.24721	0.000756143	1.49236	1.49236	0.0911794	0.864285	-1.15703	0.544857	1.04921	1.04921	0.306009	0.920272	-1.08664	0.00203935	0.711156	-1.40616	0.593339	1.04316	1.04316	0.00534592	1.33327	1.33327	9.52943	0.927534	0.0865188	1
cg01734786	FSTL5;FSTL5;FSTL5	0.00214768	0.0113303	0.738555	-1.35399	0.151254	1.15833	1.15833	0.137134	1.16537	1.16537	0.100592	1.18756	1.18756	0.0172117	0.757744	-1.31971	0.263463	0.894566	-1.11786	9.40E-05	0.514078	-1.94523	0.685135	0.961789	-1.03973	0.174292	0.870993	-1.14812	9.44353	1.36622	0.128598	1
cg26883282	FSTL5;FSTL5;FSTL5	0.00325063	0.00355669	0.703413	-1.42164	0.513122	1.06085	1.06085	0.852746	0.983587	-1.01669	0.0538152	1.21531	1.21531	0.0234983	0.785849	-1.27251	0.000356715	0.600259	-1.66595	0.61315	0.955608	-1.04645	0.0470706	0.816764	-1.22434	0.0923845	1.17936	1.17936	8.35627	1.04984	0.111676	1
cg18315248	FSTL5;FSTL5;FSTL5	0.00768825	0.0979681	1.27474	1.27474	0.00235216	0.566917	-1.76393	0.848825	0.974805	-1.02585	0.157423	1.22405	1.22405	0.55124	0.922546	-1.08396	0.738548	0.956195	-1.04581	0.880004	1.02041	1.02041	0.087062	0.776726	-1.28745	0.000810461	0.508896	-1.96504	6.42388	1.81925	0.251734	1
cg20856030	FSTL5;FSTL5;FSTL5	0.0293401	0.0255016	0.498632	-2.00549	0.118598	1.55917	1.55917	0.012408	0.442253	-2.26115	0.582393	0.864507	-1.15673	0.0272806	0.504183	-1.9834	0.92964	0.977113	-1.02342	0.155246	0.671177	-1.48992	0.699188	1.10716	1.10716	0.0128269	0.444743	-2.24849	4.1192	4.4838	0.967567	1
cg13808714	FSTL5;FSTL5;FSTL5	0.0311632	0.00371442	0.580234	-1.72344	0.0596971	0.744465	-1.34325	0.072211	1.32133	1.32133	0.18779	0.823792	-1.2139	0.431165	1.11804	1.11804	0.750491	1.0453	1.0453	0.450427	1.1127	1.1127	0.263644	0.850596	-1.17565	0.131199	1.25396	1.25396	4.03187	1.23142	0.271486	1
cg24791218	FSTL5;FSTL5;FSTL5	0.0337318	0.0510848	0.512377	-1.95169	0.00451063	3.12445	3.12445	0.131238	1.63301	1.63301	0.618637	0.859814	-1.16304	0.0957338	0.576524	-1.73453	0.399394	1.29648	1.29648	0.245543	0.693807	-1.44132	0.395164	[illegible]	-1.29966	0.247763	0.695023	-1.43886	3.91901	5.62263	1.2753	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04230589	FTH1	3.47E-06	0.688543	1.02317	1.02317	0.060319	0.886532	-1.12799	0.296178	0.940277	-1.06352	0.792966	1.01507	1.01507	0.343313	0.946012	-1.05707	0.893041	1.00768	1.00768	4.66E-08	0.338433	-2.95479	0.0138614	0.841247	-1.18871	0.000114369	1.46942	1.46942	53.3158	2.72905	0.0454991	1
cg19407570	FTH1	0.00152846	0.316948	1.19392	1.19392	0.000431578	2.59591	2.59591	0.178008	1.27789	1.27789	0.0996757	0.734082	-1.36225	0.680494	1.07352	1.07352	0.0460478	0.675922	-1.47946	0.000429271	0.384923	-2.59792	0.0324514	0.651187	-1.53566	0.960579	0.991568	-1.0085	10.423	4.84529	0.413214	1
cg07416580	FTH1	0.00416964	0.422876	1.48632	1.48632	0.240051	1.814	1.814	0.210526	1.89411	1.89411	0.342469	0.622821	-1.6056	0.561192	0.752437	-1.32902	0.00142633	0.107138	-9.33371	0.000281114	0.0564293	-17.7213	0.896443	1.06507	1.06507	0.439287	1.46503	1.46503	7.75468	28.7846	3.29947	1
cg11748881	FTH1	0.00436227	0.696624	0.952295	-1.05009	0.00377448	0.614093	-1.62842	0.996058	1.00062	1.00062	0.930648	0.989199	-1.01092	0.271358	1.15356	1.15356	0.330401	1.13349	1.13349	0.00024143	2.13335	2.13335	0.584221	0.93338	-1.07137	0.0946702	0.795203	-1.25754	7.64946	1.88556	0.219108	1
cg22958459	FTH1	0.00832061	0.00692678	10.6315	10.6315	0.217227	2.33685	2.33685	0.0171969	6.98518	6.98518	0.00279302	16.7419	16.7419	?	?	?	0.00951997	9.14784	9.14784	0.914614	1.07206	1.07206	0.0734396	0.267925	-3.73239	0.515224	0.651186	-1.53566	7.29313	42.2985	5.07481	1
cg01370129	FTH1	0.0124949	0.074176	0.709139	-1.41016	0.0688043	1.42163	1.42163	0.923984	0.983649	-1.01662	0.185087	0.784446	-1.27478	0.0808656	0.71578	-1.39708	0.0140542	0.592305	-1.68832	0.00220687	0.476575	-2.09831	0.0201104	0.616104	-1.6231	0.0250757	0.631065	-1.58462	5.50077	2.59955	0.420071	1
cg24496614	FTH1	0.0130245	0.00284809	0.451375	-2.21545	0.162051	1.33531	1.33531	0.949638	0.98784	-1.01231	0.0464952	1.55526	1.55526	0.00421344	0.476044	-2.10065	0.199491	1.30025	1.30025	0.4428	0.859362	-1.16365	0.582461	1.11354	1.11354	0.865031	1.0335	1.0335	5.42681	3.22435	0.528136	1
cg07441964	FTH1	0.0138478	0.473549	1.23416	1.23416	0.0639552	0.535903	-1.86601	0.00234558	0.249488	-4.0082	0.844642	1.05792	1.05792	0.0264641	0.447125	-2.23651	0.00227293	0.247311	-4.0435	0.709161	1.11367	1.11367	0.652845	0.877916	-1.13906	0.405598	1.27905	1.27905	7.01904	8.71317	0.827575	1
cg23813867	FTH1	0.0142614	0.39357	1.11117	1.11117	0.000510757	1.92438	1.92438	0.0772545	1.26737	1.26737	0.039484	1.33281	1.33281	0.767007	1.03649	1.03649	0.411725	1.10654	1.10654	0.132428	0.822137	-1.21634	0.254895	0.866418	-1.15418	0.972359	1.00419	1.00419	5.26773	1.21387	0.204831	1
cg02315732	FTH1	0.0376342	0.0908078	0.43165	-2.31669	0.113909	0.460441	-2.17183	0.936525	0.96472	-1.03657	0.35962	1.52919	1.52919	0.0177408	0.272476	-3.67005	0.151108	0.499691	-2.00124	0.390115	0.672251	-1.48754	0.0102905	4.2979	4.2979	0.537346	1.32532	1.32532	3.76643	12.1304	2.86281	1
cg14372937	FTHL17	0.000142605	0.652054	1.13439	1.13439	1.59E-05	0.0841568	-11.8826	0.288781	0.736448	-1.35787	0.693099	0.895662	-1.11649	0.0240934	0.47364	-2.11131	0.495192	1.21216	1.21216	0.104672	1.6367	1.6367	0.0856434	0.589917	-1.69516	1.37E-05	0.0800285	-12.4955	20.1292	24.6034	1.08647	1
cg18090198	FTHL17	0.0143378	0.629362	0.894599	-1.11782	0.0428588	0.586363	-1.70543	0.00182331	0.362509	-2.75855	0.865346	0.961875	-1.03964	0.456002	0.840393	-1.18992	0.00798069	2.17887	2.17887	0.544048	1.15101	1.15101	0.702663	0.915906	-1.09182	0.0602513	0.615472	-1.62477	5.25847	4.36861	0.738468	1
cg11707753	FTHL17	0.0455778	0.0576741	0.514051	-1.94533	0.0262656	0.441665	-2.26416	0.944369	1.02187	1.02187	0.37508	0.754092	-1.3261	0.00738661	0.342964	-2.91576	0.0589722	0.51626	-1.93701	0.112186	1.70951	1.70951	0.329938	0.732208	-1.36573	0.965095	0.986525	-1.01366	3.50871	5.34117	1.35312	1
cg16582649	FTHL17;FTHL17	6.90E-05	0.870824	0.96462	-1.03668	0.294397	0.785035	-1.27383	1.81E-05	0.111972	-8.93082	0.0476723	0.599355	-1.66846	4.22E-06	0.0656637	-15.2291	0.514296	0.863575	-1.15798	0.124763	1.45113	1.45113	0.17187	1.38401	1.38401	0.043382	1.69151	1.69151	32.3829	24.5909	0.590627	1
cg17424134	FTHL3;PPM1G;PPM1G	0.000111721	0.529106	0.912314	-1.09611	3.25E-05	0.312687	-3.19809	0.00626415	0.598894	-1.66975	0.165587	0.808282	-1.23719	0.114403	1.28037	1.28037	0.0190173	1.50479	1.50479	3.20E-05	3.20622	3.20622	0.632941	1.07171	1.07171	0.0271342	0.686289	-1.45711	21.4932	7.05177	0.291639	1
cg01820463	FTHL3;PPM1G;PPM1G	0.000639813	0.900147	0.981872	-1.01846	0.00206008	0.531207	-1.88251	0.000687961	0.469843	-2.12837	0.65745	0.937029	-1.0672	0.835009	1.03086	1.03086	0.0134574	0.640227	-1.56195	0.000118902	2.66754	2.66754	0.0873048	0.75948	-1.31669	0.139002	0.792877	-1.26123	13.3424	4.4883	0.299016	1
cg05107686	FTHL3;PPM1G;PPM1G	0.00539968	0.722556	1.05213	1.05213	0.00175215	0.529533	-1.88846	0.0366961	0.707508	-1.41341	0.533765	0.914078	-1.094	0.869122	0.976766	-1.02379	0.511406	0.909426	-1.09959	0.000756244	2.07091	2.07091	0.71897	1.05286	1.05286	0.142189	0.798577	-1.25223	7.16793	2.30689	0.286075	1
cg15133963	FTHL3;PPM1G;PPM1G	0.0156511	0.878248	1.02003	1.02003	0.00451919	0.612947	-1.63146	0.298301	0.869825	-1.14966	0.61624	0.936724	-1.06755	0.142015	0.81529	-1.22656	0.207986	0.842204	-1.18736	0.0022208	1.74092	1.74092	0.351388	0.883322	-1.13209	0.22685	0.848629	-1.17837	5.10827	1.35381	0.235576	1
cg25508545	FTL	0.00815327	0.00673698	0.664324	-1.50529	0.0687066	0.788837	-1.26769	0.00548241	1.52981	1.52981	0.544849	0.931143	-1.07395	0.264631	1.14494	1.14494	0.110735	0.816842	-1.22423	0.358059	1.11631	1.11631	0.106192	1.22802	1.22802	0.0119841	1.44039	1.44039	6.30635	1.35361	0.190793	1
cg03078586	FTL	0.010073	0.80822	1.048	1.048	0.0031977	2.17259	2.17259	0.0820646	1.44978	1.44978	0.469991	0.867882	-1.15223	0.0275938	0.605192	-1.65237	0.0260839	1.66363	1.66363	0.166956	1.3285	1.3285	0.147981	1.34879	1.34879	0.0202248	0.582835	-1.71575	5.89688	3.47103	0.523219	1
cg19904905	FTL	0.0190749	0.00580624	0.157148	-6.36344	0.0217963	4.09631	4.09631	0.0812242	2.69137	2.69137	0.290631	1.75364	1.75364	0.354992	0.614251	-1.628	0.454677	1.47705	1.47705	0.107555	0.406755	-2.45848	0.170866	0.473845	-2.11039	0.0545519	0.327243	-3.05583	4.7807	19.8626	3.69312	1
cg26532042	FTL	0.0297573	0.825399	1.04515	1.04515	0.414745	1.1813	1.1813	0.273059	1.25606	1.25606	0.730871	1.07144	1.07144	0.148584	0.733696	-1.36296	0.47836	0.865842	-1.15494	0.0018424	0.413158	-2.42038	0.044327	1.58668	1.58668	0.284302	1.24894	1.24894	4.09863	2.59289	0.562332	1
cg25754059	FTL	0.0459341	0.940566	0.987386	-1.01278	0.23567	1.23563	1.23563	0.00467098	1.89712	1.89712	0.01001	1.73944	1.73944	0.0219234	1.59693	1.59693	0.466649	1.13441	1.13441	0.100745	1.35805	1.35805	0.75765	1.05411	1.05411	0.286014	1.2076	1.2076	3.49847	1.60596	0.408042	1
cg04385818	FTL;FTL	0.000373998	0.153063	1.17574	1.17574	0.000196741	0.515694	-1.93914	0.000870669	0.589487	-1.69639	0.172841	0.857707	-1.1659	0.370927	0.907364	-1.10209	0.195588	0.865173	-1.15584	0.000137533	2.00888	2.00888	0.135721	1.18545	1.18545	0.0993197	0.826001	-1.21065	15.4843	2.74555	0.157611	1
cg22560637	FTMT	0.000438695	0.809006	1.02629	1.02629	0.380279	1.10125	1.10125	0.000232254	0.519653	-1.92436	0.014162	0.722966	-1.38319	0.00443065	0.66567	-1.50225	0.698295	0.959116	-1.04263	0.00362777	1.52474	1.52474	0.275944	1.12914	1.12914	0.000125514	0.48876	-2.04599	14.8176	2.69515	0.161678	1
cg24587518	FTMT	0.000646103	0.997066	1.00068	1.00068	0.12746	1.36264	1.36264	0.0471848	0.650338	-1.53766	0.206564	1.2829	1.2829	2.21E-05	0.168461	-5.93611	0.25231	1.25017	1.25017	0.00847748	1.91249	1.91249	0.916827	0.980811	-1.01956	0.014383	0.560624	-1.78373	16.4245	8.7602	0.414837	1
cg14443301	FTMT	0.000934545	0.0907471	0.660573	-1.51384	0.847691	0.958117	-1.04371	0.166931	1.38801	1.38801	0.517769	0.864235	-1.15709	0.000155241	0.236566	-4.22715	0.00260187	0.395258	-2.52999	0.0138298	1.96785	1.96785	0.667658	1.10088	1.10088	0.000712391	0.317586	-3.14876	11.9943	9.40538	0.697026	1
cg21588562	FTMT	0.00580843	0.286023	0.651618	-1.53464	0.0185572	3.0147	3.0147	0.200405	0.592855	-1.68675	0.624268	0.826276	-1.21025	0.000444794	0.117362	-8.52063	0.15871	0.558585	-1.79024	0.778463	1.11519	1.11519	0.790491	1.10841	1.10841	0.00411787	0.225945	-4.42586	7.00895	16.5867	2.10355	1
cg09441819	FTMT	0.0106126	0.750979	0.869057	-1.15067	0.378203	0.671291	-1.48967	0.00583484	0.203672	-4.90984	0.133128	0.489566	-2.04262	0.00162027	0.136471	-7.32758	0.716369	0.851428	-1.1745	0.0046736	0.190554	-5.24786	0.558595	1.29791	1.29791	0.0121032	0.251846	-3.97068	5.79903	17.8468	2.7356	1
cg11234457	FTMT	0.0221213	0.824867	0.961815	-1.0397	0.0760599	0.70696	-1.41451	0.00269938	0.482788	-2.0713	0.0656566	0.695663	-1.43748	0.145886	0.760131	-1.31556	0.393867	1.16582	1.16582	0.0320166	1.55475	1.55475	0.0775434	0.70846	-1.41151	0.39774	0.858895	-1.16429	4.54536	2.22152	0.434439	1
cg26651810	FTO	9.62E-05	0.0184257	0.58676	-1.70427	0.795675	1.04958	1.04958	0.0019488	0.441774	-2.2636	0.386369	0.847409	-1.18007	5.15E-06	0.144888	-6.90188	0.0133451	0.564656	-1.77099	1.75E-05	0.194048	-5.15335	0.313251	0.82326	-1.21468	0.00409902	0.487676	-2.05054	22.3696	12.3177	0.489462	1
cg02252501	FTO	0.000236803	0.00519902	0.560745	-1.78334	0.432023	0.881806	-1.13404	0.433576	1.13354	1.13354	0.000320461	0.401146	-2.49286	8.32E-06	0.217757	-4.59227	0.184904	0.802071	-1.24677	0.0369993	1.46218	1.46218	0.887792	0.978098	-1.02239	0.646923	1.07502	1.07502	17.5472	6.83766	0.346375	1
cg06434738	FTO	0.000443194	0.0154878	0.51393	-1.94579	4.24E-05	0.174626	-5.72654	0.000183333	0.242331	-4.12658	0.0318921	0.569127	-1.75708	0.00920882	0.476608	-2.09816	0.728613	1.08121	1.08121	0.0137693	1.97892	1.97892	0.139425	0.700113	-1.42834	0.283321	0.778908	-1.28385	14.7759	11.7576	0.707317	1
cg02642561	FTO	0.012275	0.00566306	2.1927	2.1927	0.21373	0.75339	-1.32733	0.935275	1.01772	1.01772	0.473558	0.85414	-1.17077	0.39482	1.20744	1.20744	0.00361593	2.344	2.344	0.0861364	1.50702	1.50702	0.0335282	0.584412	-1.71112	0.204749	0.748696	-1.33566	5.53264	4.09925	0.658596	1
cg01986630	FTO	0.0168328	0.0479233	0.672945	-1.48601	0.0174332	0.602323	-1.66024	0.0354216	0.651164	-1.53571	0.0240172	0.624052	-1.60243	0.252117	0.810956	-1.23311	0.511542	0.889926	-1.12369	0.179941	1.28331	1.28331	0.140777	0.757679	-1.31982	0.00158259	0.451833	-2.2132	4.98593	2.42258	0.431895	1
cg10331105	FTO	0.0168737	0.106805	0.625581	-1.59851	0.00793437	0.403759	-2.47672	0.0114979	0.430753	-2.32151	0.218619	0.708422	-1.41159	0.108025	0.626781	-1.59545	0.652837	1.12821	1.12821	0.017819	2.15414	2.15414	0.305458	0.753747	-1.32671	0.173156	1.47131	1.47131	4.98189	5.60002	0.999178	1
cg06940838	FTO	0.0178596	0.0139094	0.227495	-4.39571	0.250652	0.557157	-1.79483	0.864536	1.08676	1.08676	0.715753	0.836775	-1.19506	0.000476404	0.0690661	-14.4789	0.798902	0.883027	-1.13247	0.590395	1.30315	1.30315	0.475295	0.702052	-1.4244	0.0792022	0.3869	-2.58465	4.88798	18.3812	3.34267	1
cg06392242	FTO	0.0332392	0.00475288	0.499435	-2.00226	0.124527	1.36065	1.36065	0.0661666	1.46468	1.46468	0.149812	0.751321	-1.33099	0.0700536	0.687252	-1.45507	0.870128	0.970155	-1.03076	0.24301	1.25387	1.25387	0.323889	1.20764	1.20764	0.908936	0.979035	-1.02141	3.93981	2.13964	0.482739	1
cg10227678	FTO	0.046877	0.114798	0.591828	-1.68968	0.48262	1.24391	1.24391	0.221453	1.48156	1.48156	0.502582	0.812113	-1.23136	0.00134039	0.240364	-4.16035	0.449272	0.789911	-1.26597	0.589664	0.84659	-1.18121	0.306626	0.723446	-1.38227	0.305671	0.722951	-1.38322	3.47184	5.14419	1.31706	1
cg01981760	FTO;RPGRIP1L;RPGRIP1L	0.00948858	0.989835	0.998664	-1.00134	0.023024	1.33024	1.33024	0.368262	0.907552	-1.10186	0.668219	0.955752	-1.0463	0.890155	0.9856	-1.01461	0.652539	1.04872	1.04872	0.000229718	0.526137	-1.90065	0.566817	0.941041	-1.06265	0.244367	0.879997	-1.13637	6.0105	1.04881	0.155108	1
cg05643120	FTO;RPGRIP1L;RPGRIP1L	0.0218658	0.00935012	4.26712	4.26712	0.00485724	5.47738	5.47738	0.968357	0.985355	-1.01486	0.801194	1.09852	1.09852	?	?	?	0.105851	2.00825	2.00825	?	?	?	?	?	?	?	?	?	7.62197	8.51259	1.11685	1
cg12495954	FTO;RPGRIP1L;RPGRIP1L	0.0322265	0.00734159	0.739105	-1.35299	0.993845	1.00067	1.00067	0.552054	1.05404	1.05404	0.189422	0.885498	-1.12931	0.0256467	1.26099	1.26099	0.140223	0.870387	-1.14891	0.323838	0.914719	-1.09323	0.385504	0.925123	-1.08094	0.0474507	1.21941	1.21941	3.9838	0.48285	0.107736	1
cg00188971	FTSJ1;FTSJ1;FTSJ1	6.11E-05	0.0194506	1.60709	1.60709	2.72E-05	0.249059	-4.01511	0.000311238	0.374467	-2.67046	0.000639599	0.414641	-2.41173	2.35E-05	0.242059	-4.13123	0.0189748	1.61133	1.61133	0.555282	1.10539	1.10539	0.837886	1.035	1.035	0.770213	0.952001	-1.05042	25.2407	11.2747	0.397056	1
cg14191036	FTSJ1;FTSJ1;FTSJ1	0.00115888	0.00100752	0.179236	-5.57925	0.120532	0.552596	-1.80964	0.0443541	0.443313	-2.25574	0.213895	1.58561	1.58561	0.00216354	0.219513	-4.55554	0.0121451	0.332515	-3.00738	0.000167617	0.104696	-9.55143	0.337803	1.41632	1.41632	0.00445719	0.262849	-3.80446	11.2835	22.1721	1.74668	1
cg21502819	FTSJ1;FTSJ1;FTSJ1	0.0111071	0.119795	1.68974	1.68974	0.5546	0.830471	-1.20414	0.0409329	0.480329	-2.08191	0.00948652	0.360055	-2.77735	0.000548014	0.188516	-5.30459	0.482619	1.2483	1.2483	0.391446	0.761169	-1.31377	0.773888	0.914363	-1.09366	0.400112	0.765134	-1.30696	5.71464	8.74284	1.35991	1
cg09863225	FTSJ1;FTSJ1;FTSJ1	0.0389602	0.0214617	0.122389	-8.17068	0.240373	0.392757	-2.54611	0.395371	0.515927	-1.93826	0.41586	1.88185	1.88185	0.477958	0.57781	-1.73067	0.00133916	0.0288936	-34.6097	0.759041	1.26354	1.26354	0.942396	0.94654	-1.05648	0.973371	1.0257	1.0257	3.71898	34.0467	8.13765	1
cg22415591	FTSJ2;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	0.0485617	0.194821	0.868484	-1.15143	0.00345396	0.664807	-1.5042	0.0267479	0.763489	-1.30978	0.643384	0.953194	-1.0491	0.035964	0.77813	-1.28513	0.0481136	0.792735	-1.26146	0.778158	0.971377	-1.02947	0.924352	0.990282	-1.00981	0.104465	0.8332	-1.20019	3.42586	0.573624	0.148835	1
cg05642923	FTSJ3	0.00093387	0.0148091	0.492238	-2.03154	0.176648	1.40429	1.40429	0.145213	0.690891	-1.44741	0.0266909	0.537554	-1.86028	0.0030002	0.382095	-2.61715	0.000204661	0.229695	-4.3536	0.000587962	0.284963	-3.50923	0.620337	1.12529	1.12529	0.000983261	0.314062	-3.18408	11.9968	10.6173	0.786679	1
cg22530822	FTSJ3;PSMC5	0.0240741	0.586035	1.10595	1.10595	0.0424231	0.651812	-1.53418	0.477406	0.876086	-1.14144	0.0841912	0.704774	-1.4189	0.00183586	0.44467	-2.24886	0.00478337	0.503682	-1.98538	0.298145	0.820776	-1.21836	0.514639	0.886024	-1.12864	0.923707	0.982611	-1.0177	4.41468	2.34488	0.472138	1
cg04467702	FTSJD1;FTSJD1	3.65E-06	0.0145479	0.718541	-1.39171	2.62E-07	0.186769	-5.35419	0.0413996	0.772345	-1.29476	0.00111744	0.59029	-1.69408	0.543958	0.934772	-1.06978	2.07E-06	0.277204	-3.60745	0.00174481	1.63251	1.63251	0.31707	1.12028	1.12028	4.24E-05	0.425258	-2.35151	52.6382	10.0542	0.169783	1
cg02908120	FTSJD1;FTSJD1	0.00853601	0.0627001	0.373656	-2.67626	0.0205581	0.269461	-3.71112	0.245589	0.565067	-1.7697	0.290668	0.597257	-1.67432	0.00140083	0.113611	-8.80199	0.488963	0.718639	-1.39152	0.000841847	0.0944025	-10.5929	0.844545	0.911857	-1.09666	0.0136296	0.238278	-4.19677	6.21571	21.7476	3.11005	1
cg09011746	FTSJD1;FTSJD1	0.0122515	0.00178427	0.455355	-2.19609	0.0244716	0.62238	-1.60674	0.536479	1.11711	1.11711	0.271698	0.816737	-1.22438	0.42951	0.867029	-1.15336	0.252775	1.23533	1.23533	0.006509	0.53492	-1.86944	0.0392316	0.655677	-1.52514	0.02463	0.622825	-1.60559	5.53609	2.74453	0.44067	1
cg27498751	FTSJD1;FTSJD1	0.0186335	0.222925	0.790631	-1.26481	0.00370672	0.487103	-2.05295	0.0434507	0.653129	-1.53109	0.179786	1.29867	1.29867	0.158939	0.758678	-1.31808	0.0311907	1.59013	1.59013	0.131723	1.34779	1.34779	0.197603	0.778939	-1.2838	0.352821	0.839141	-1.19169	4.81865	2.56795	0.473705	1
cg05466767	FTSJD1;FTSJD1	0.0314737	0.280067	0.76177	-1.31273	0.000780755	0.291886	-3.426	0.869814	0.96103	-1.04055	0.474519	0.838411	-1.19273	0.352969	0.793254	-1.26063	0.988388	0.99648	-1.00353	0.103082	1.54053	1.54053	0.361464	0.796659	-1.25524	0.168348	0.700657	-1.42723	4.01763	3.73674	0.826743	1
cg02835005	FTSJD1;FTSJD1	0.0429785	0.0379935	0.682333	-1.46556	0.129213	1.29757	1.29757	0.0112225	1.65668	1.65668	0.238435	1.21677	1.21677	0.0689925	1.38172	1.38172	0.0930895	1.34118	1.34118	0.575682	0.914069	-1.09401	0.128608	1.29819	1.29819	0.154079	1.27435	1.27435	3.58652	1.43407	0.355423	1
cg01169250	FTSJD1;FTSJD1;FTSJD1	0.00303655	0.494355	0.930108	-1.07514	0.827475	0.97747	-1.02305	0.339541	1.10824	1.10824	0.543132	1.06637	1.06637	0.0468192	1.26822	1.26822	0.000405728	1.79822	1.79822	0.00158005	0.622711	-1.60588	0.1634	1.16801	1.16801	0.0243724	1.32326	1.32326	8.52742	1.47215	0.153455	1
cg10177647	FTSJD1;FTSJD1;FTSJD1	0.0397152	0.461253	0.883102	-1.13237	0.561364	0.907254	-1.10223	0.0114393	1.68962	1.68962	0.287602	1.2008	1.2008	0.534401	1.10992	1.10992	?	?	?	0.00627708	0.554265	-1.80419	0.934091	0.986385	-1.0138	0.688238	0.935336	-1.06913	3.75097	1.4505	0.386701	1
cg22238406	FTSJD2	0.0058323	0.011999	0.543824	-1.83883	0.027569	0.60262	-1.65942	0.687595	0.924433	-1.08174	0.196427	0.766824	-1.30408	0.000250834	0.30916	-3.23458	0.00349942	0.46301	-2.15978	0.0823171	0.687906	-1.45369	0.224595	0.780398	-1.2814	0.0202565	0.580352	-1.72309	7.0001	4.18878	0.531901	1
cg11649001	FTSJD2	0.0141993	0.43798	1.14259	1.14259	0.104327	1.34874	1.34874	0.0465141	1.46837	1.46837	0.865184	1.02905	1.02905	0.111391	1.33934	1.33934	0.596575	1.09418	1.09418	0.000680857	0.416989	-2.39814	0.914906	0.982152	-1.01817	0.249656	1.22472	1.22472	5.27531	2.37191	0.399668	1
cg02377690	FTSJD2	0.0194371	0.0957461	0.340697	-2.93516	0.00624113	8.14636	8.14636	0.0473494	3.80068	3.80068	0.128547	2.62927	2.62927	0.061499	0.289499	-3.45424	0.118423	2.71163	2.71163	0.0253938	4.77609	4.77609	0.171383	2.35597	2.35597	0.673012	0.778965	-1.28376	4.75035	26.0541	4.87525	1
cg00475973	FTSJD2	0.0439125	0.0338137	0.232099	-4.30851	0.0175336	0.181998	-5.49456	0.0734054	0.308339	-3.24318	0.647639	0.762452	-1.31156	0.00614842	0.121633	-8.22146	0.2338	0.479176	-2.08692	0.33077	0.553515	-1.80664	0.0148464	0.17097	-5.84898	0.138119	0.390236	-2.56255	3.55791	19.5743	4.89034	1
cg22814740	FUBP1	0.000270851	0.000559058	0.468524	-2.13436	3.70E-05	0.325029	-3.07665	0.013551	0.648683	-1.54159	0.704284	0.947416	-1.0555	0.000636256	0.475604	-2.10259	0.00150694	0.52324	-1.91117	0.00021154	0.415929	-2.40426	0.000944749	0.497351	-2.01065	0.0610359	0.741514	-1.34859	16.9163	5.37619	0.282499	1
cg03742620	FUBP1	0.0100124	0.955638	1.05513	1.05513	0.15838	4.43931	4.43931	0.12101	5.31693	5.31693	0.696595	0.684767	-1.46035	?	?	?	0.0419349	0.0921072	-10.8569	0.0130968	25.104	25.104	0.0045584	58.7692	58.7692	0.00262941	95.8213	95.8213	8.09774	101.034	9.35759	1
cg16694524	FUBP1	0.0157648	0.293409	0.67989	-1.47083	0.00151439	5.03957	5.03957	0.00714449	3.42045	3.42045	0.856757	0.938041	-1.06605	0.648061	1.17667	1.17667	0.668925	1.16449	1.16449	0.132909	0.563297	-1.77526	0.176386	1.66329	1.66329	0.05589	2.15271	2.15271	5.09601	10.1141	1.76419	1
cg04279223	FUBP1	0.0203489	0.00363779	0.460929	-2.16953	0.156493	1.34768	1.34768	0.0600835	1.51822	1.51822	0.0153157	0.556526	-1.79686	0.183213	1.3205	1.3205	0.3928	1.18808	1.18808	0.305472	0.811482	-1.23231	0.445001	1.16565	1.16565	0.753879	0.93996	-1.06387	4.67697	2.8707	0.545595	1
cg08491437	FUBP1	0.0291995	0.0132633	0.155622	-6.42581	0.22833	0.464684	-2.152	0.0756333	0.30159	-3.31576	0.9772	1.01747	1.01747	0.0210029	0.185831	-5.38125	0.17845	0.420402	-2.37867	0.0026844	0.0808657	-12.3662	0.101187	0.336906	-2.96819	0.0337311	0.222454	-4.49531	4.12621	24.0098	5.17231	1
cg01014287	FUBP1	0.0478648	0.618356	1.17761	1.17761	0.016032	2.61053	2.61053	0.0371524	2.19817	2.19817	0.155381	1.64034	1.64034	0.0223132	0.410085	-2.43852	0.62597	0.85223	-1.17339	0.310374	1.40733	1.40733	0.301972	0.706025	-1.41638	0.901176	0.960367	-1.04127	3.44464	5.781	1.49179	1
cg14431587	FUBP3	0.00353799	0.00881746	0.513754	-1.94646	0.00455248	0.470139	-2.12703	0.119233	0.713413	-1.40171	0.958439	0.989646	-1.01046	0.00438909	0.467783	-2.13774	0.00196332	0.417288	-2.39642	0.00118994	0.387114	-2.58322	0.713671	1.07638	1.07638	0.00779743	0.505492	-1.97827	8.14743	5.14728	0.561571	1
cg04160030	FUCA1	8.57E-05	0.860638	1.09187	1.09187	1.57E-06	0.00232978	-429.225	0.00448978	0.150343	-6.65146	0.0273777	0.271057	-3.68926	0.00111772	0.0906478	-11.0317	0.000941196	0.0847845	-11.7946	0.000557288	0.0686804	-14.5602	0.0176651	0.236102	-4.23546	0.015375	0.225886	-4.42701	23.0701	91.4072	3.52191	1
cg22614927	FUCA1	0.000130358	0.00321444	0.317147	-3.15311	1.34E-05	0.0739606	-13.5207	0.000407878	0.201123	-4.97207	0.0469771	0.522376	-1.91433	0.000170295	0.16114	-6.20577	0.00214302	0.29188	-3.42606	0.000150371	0.155872	-6.41552	0.000384145	0.19821	-5.04515	0.0106677	0.399817	-2.50114	20.6214	26.6375	1.14822	1
cg16906859	FUCA1	0.000164654	0.111957	0.742177	-1.34739	0.025766	0.633716	-1.57799	0.014636	0.595817	-1.67837	0.000217436	0.34559	-2.8936	3.74E-06	0.155345	-6.4373	0.498551	0.888381	-1.12564	0.245248	1.23291	1.23291	0.361356	1.17543	1.17543	0.904524	0.979541	-1.02089	19.3638	9.10096	0.417776	1
cg24792360	FUCA1	0.00046962	0.747741	1.07471	1.07471	0.000378894	0.281405	-3.5536	0.143215	0.703794	-1.42087	0.348524	1.24048	1.24048	0.000206655	0.249708	-4.00468	0.000116794	0.221563	-4.51339	0.000974918	0.334396	-2.99046	0.609694	0.891399	-1.12183	0.0284409	0.561336	-1.78146	14.541	11.4813	0.701854	1
cg17085844	FUCA1	0.000679904	0.603712	1.09523	1.09523	0.000138592	0.318553	-3.13919	0.000181239	0.332763	-3.00514	0.33823	0.842411	-1.18707	0.000678864	0.40568	-2.465	0.915152	1.01869	1.01869	0.206319	1.26055	1.26055	0.344195	1.18442	1.18442	0.942658	0.987582	-1.01257	13.1175	6.2689	0.424802	1
cg10953003	FUCA1	0.00162588	0.683978	0.883474	-1.1319	0.00193685	0.265062	-3.77271	0.141943	0.620009	-1.61288	0.797076	1.08113	1.08113	0.000249882	0.160514	-6.22998	0.00352635	0.301901	-3.31235	0.000399564	0.181687	-5.50397	0.0832217	0.559566	-1.7871	0.0290424	0.458878	-2.17923	10.2389	14.8625	1.29029	1
cg22077361	FUCA1	0.00202428	0.737116	0.848854	-1.17806	0.00208912	0.121682	-8.21814	0.108021	0.426161	-2.34653	0.54783	1.34423	1.34423	0.000632727	0.0777693	-12.8585	0.0025662	0.130827	-7.64367	0.000393891	0.0641809	-15.581	0.0948179	0.409433	-2.4424	0.044763	0.326096	-3.06658	9.60806	36.002	3.33072	1
cg26873754	FUCA1	0.00228598	0.00144431	2.5854	2.5854	0.849844	1.03987	1.03987	0.018355	0.554125	-1.80465	0.000608502	2.97369	2.97369	0.0383344	1.64072	1.64072	0.00281476	2.33727	2.33727	0.569207	0.888089	-1.12601	0.274532	1.26434	1.26434	0.882874	0.970045	-1.03088	9.2726	6.2502	0.599155	1
cg21528040	FUCA1	0.00405851	0.120489	0.75141	-1.33083	0.1311	1.31869	1.31869	0.0399902	1.49608	1.49608	0.00788492	0.560777	-1.78324	0.00940247	0.571922	-1.74849	0.000782078	0.422269	-2.36816	0.14266	1.30657	1.30657	0.326812	0.842152	-1.18743	0.536559	1.11205	1.11205	7.81818	3.56611	0.40545	1
cg15692032	FUCA1	0.00685881	0.024202	0.533016	-1.87612	0.150803	0.697306	-1.43409	0.539992	0.864789	-1.15635	0.605	0.884998	-1.12995	0.00759189	0.447559	-2.23434	0.00610032	0.432494	-2.31217	0.000264191	0.245795	-4.06843	0.512787	0.856054	-1.16815	0.828134	0.950367	-1.05222	6.65725	5.78043	0.771814	1
cg19367136	FUCA1	0.0476565	0.130014	0.702392	-1.42371	0.93136	1.01878	1.01878	0.0926946	1.49128	1.49128	0.967012	1.00897	1.00897	0.100751	0.678215	-1.47446	0.0144587	0.521536	-1.91741	0.0109272	0.501576	-1.99372	0.800689	0.946825	-1.05616	0.133799	0.705193	-1.41805	3.45032	2.5496	0.656841	1
cg07568418	FUCA1	0.0493371	0.961834	0.990877	-1.00921	0.507943	1.13728	1.13728	0.35727	1.19881	1.19881	0.0655164	1.48574	1.48574	0.628262	0.910787	-1.09795	0.227471	0.784538	-1.27464	0.0027431	0.453063	-2.2072	0.528304	0.884825	-1.13017	0.185029	0.76397	-1.30895	3.40535	1.97846	0.516431	1
cg21468889	FUCA2	0.00912818	0.430685	1.09002	1.09002	0.000838273	1.71345	1.71345	0.00144322	1.63805	1.63805	0.473223	0.924799	-1.08132	0.85141	1.0203	1.0203	0.301698	1.12151	1.12151	0.0435969	1.28229	1.28229	0.026585	1.32535	1.32535	0.235986	1.14235	1.14235	6.08499	1.10685	0.161687	1
cg12306853	FUCA2	0.013391	0.0375659	2.29632	2.29632	0.00527465	3.55141	3.55141	0.191943	1.60952	1.60952	0.508871	0.793817	-1.25974	0.655877	1.16712	1.16712	0.0981197	1.8685	1.8685	0.00307476	4.04034	4.04034	0.00297699	4.07235	4.07235	0.475157	1.28431	1.28431	5.37778	10.1116	1.67134	1
cg08084692	FUCA2	0.0173261	0.0986775	0.715512	-1.3976	0.29808	0.819212	-1.22068	0.0325297	0.629641	-1.58821	0.639683	0.916523	-1.09108	0.404537	0.854126	-1.17079	0.197041	1.28677	1.28677	0.00137425	2.35884	2.35884	0.189284	1.29315	1.29315	0.410458	1.16837	1.16837	4.93798	2.67295	0.481159	1
cg00480749	FUCA2;FUCA2	0.000250829	0.125336	0.717419	-1.39389	0.075417	1.48623	1.48623	0.547283	1.12966	1.12966	0.00232592	0.426874	-2.34261	0.94208	0.985559	-1.01465	0.0326503	0.606248	-1.64949	5.57E-06	0.128438	-7.78587	0.0103079	0.523571	-1.90996	0.158954	1.35173	1.35173	17.2744	10.964	0.564177	1
cg09135056	FUK	0.000656859	0.0684284	0.671135	-1.49001	0.00729717	1.96666	1.96666	0.00224461	2.3078	2.3078	0.34062	0.825331	-1.21163	4.34E-05	0.219344	-4.55904	0.41701	1.17603	1.17603	0.757112	0.941159	-1.06252	0.425531	0.852937	-1.17242	0.0418547	0.632232	-1.5817	13.2447	8.0158	0.537963	1
cg00167684	FUK	0.00109622	0.302161	0.759546	-1.31658	0.000928888	3.56825	3.56825	0.819236	0.942804	-1.06067	0.50954	0.841855	-1.18785	0.000238524	0.208983	-4.78508	0.00103402	0.286353	-3.49219	0.325917	0.770295	-1.2982	0.65476	0.890648	-1.12278	0.0222924	0.494245	-2.02329	11.4635	12.0197	0.932018	1
cg07077735	FUK	0.00116653	0.113613	0.613161	-1.63089	0.00918409	2.5596	2.5596	0.0231318	0.462279	-2.16319	0.770759	0.920338	-1.08656	0.00909357	0.389964	-2.56434	0.000571299	0.219674	-4.55221	0.000264671	0.182258	-5.48673	0.585524	1.16936	1.16936	0.0257792	0.4713	-2.12179	11.2623	14.3993	1.13648	1
cg08411886	FUK	0.00355287	0.00335669	0.329282	-3.03691	0.682545	0.89184	-1.12128	0.00230479	0.305584	-3.27242	0.563568	0.849986	-1.17649	0.00123719	0.268636	-3.72251	0.346904	0.763674	-1.30946	0.0012291	0.268261	-3.72771	0.715065	0.902976	-1.10745	0.00655834	0.374211	-2.67229	8.1372	9.98593	1.09084	1
cg16806347	FUK	0.00400186	0.0517662	0.600152	-1.66625	0.158862	0.706555	-1.41532	0.597742	1.13068	1.13068	0.319791	0.788881	-1.26762	0.000148624	0.222289	-4.49866	0.751625	1.07599	1.07599	0.0644747	1.61462	1.61462	0.132589	1.45402	1.45402	0.108943	1.49666	1.49666	7.85139	6.61598	0.749022	1
cg08815320	FUK	0.0044907	0.250171	1.14721	1.14721	0.127698	0.828433	-1.2071	0.187107	0.852318	-1.17327	0.000619798	0.54772	-1.82575	0.0121927	0.699809	-1.42896	0.658356	1.05217	1.05217	0.52814	1.07578	1.07578	0.0147545	1.40908	1.40908	0.0449692	1.30076	1.30076	7.58248	1.56841	0.183864	1
cg09677724	FUK	0.037477	0.0571987	0.509331	-1.96336	0.112999	1.71756	1.71756	0.0338815	2.17427	2.17427	?	?	?	0.505165	0.808938	-1.23619	0.0817902	0.5462	-1.83083	0.360946	0.744912	-1.34244	0.922362	1.03104	1.03104	0.0184046	0.40787	-2.45176	3.83245	5.30509	1.38425	1
cg07658614	FUNDC1	0.0427189	0.797406	0.915326	-1.09251	0.253271	1.50738	1.50738	0.365415	1.37692	1.37692	0.0174856	2.70425	2.70425	0.148529	1.70399	1.70399	0.00833726	0.313615	-3.18863	0.347593	1.39462	1.39462	0.205124	1.58376	1.58376	0.122868	1.77701	1.77701	3.59461	6.73436	1.6653	1
cg14084176	FUNDC1	0.0470886	0.136844	0.646012	-1.54796	0.859393	0.952805	-1.04953	0.0462784	0.536611	-1.86355	0.00136749	0.281777	-3.54891	0.917071	0.972002	-1.0288	0.101485	0.613319	-1.63047	0.666349	0.888456	-1.12555	0.371189	0.778528	-1.28448	0.696549	1.11277	1.11277	3.46595	4.0806	1.04652	1
cg08847773	FUNDC2	0.00074446	0.137025	1.11166	1.11166	0.000171424	0.655714	-1.52505	0.407925	0.945594	-1.05754	0.304761	0.932172	-1.07276	0.00395683	1.29193	1.29193	0.695849	0.97437	-1.0263	0.000251997	1.49012	1.49012	0.512542	0.957055	-1.04487	0.630764	0.968501	-1.03252	12.7881	0.884608	0.0614881	1
cg21662836	FUNDC2	0.00299032	0.562549	0.936975	-1.06726	0.00105939	0.583726	-1.71313	0.19037	0.857102	-1.16672	0.19005	1.16687	1.16687	0.06013	1.2659	1.2659	0.516791	0.929518	-1.07583	0.00039052	1.87492	1.87492	0.651845	1.0518	1.0518	0.458403	0.919474	-1.08758	8.56637	1.67742	0.174058	1
cg10432310	FUNDC2	0.0155164	0.00292626	0.267016	-3.7451	0.0194144	0.401342	-2.49164	0.612511	1.17938	1.17938	0.176977	0.629027	-1.58976	0.00466374	0.296609	-3.37144	0.181199	0.632199	-1.58178	0.716717	1.12492	1.12492	0.253452	1.47002	1.47002	0.449851	1.28241	1.28241	5.12295	8.46663	1.46906	1
cg27263894	FUNDC2	0.0353014	?	?	?	0.00380418	0.0273297	-36.5902	0.160136	0.264072	-3.78685	0.266539	2.78186	2.78186	0.0996459	0.200357	-4.9911	0.113212	0.215683	-4.63644	?	?	?	?	?	?	0.268095	0.360782	-2.77176	4.46526	35.6	9.30143	1
cg02864248	FURIN	0.00275881	0.327782	1.09545	1.09545	0.00722031	0.731328	-1.36738	0.0138664	0.760016	-1.31576	0.00458319	0.711322	-1.40583	0.591453	1.05011	1.05011	0.0671827	1.2034	1.2034	0.00291084	1.44666	1.44666	0.11627	0.857235	-1.16654	0.0146396	0.762406	-1.31164	8.77334	1.1318	0.11467	1
cg12015851	FURIN	0.00709398	0.684106	0.952407	-1.04997	0.177286	1.18641	1.18641	0.00131559	1.74594	1.74594	0.227085	0.859704	-1.16319	0.0227236	0.722487	-1.38411	0.00396666	0.630148	-1.58693	0.19573	0.849502	-1.17716	0.410493	0.904541	-1.10553	0.325012	0.885899	-1.1288	6.58765	1.48258	0.200048	1
cg19348484	FURIN	0.0442226	0.0204122	0.204931	-4.8797	0.907694	0.936326	-1.068	0.0141133	0.179379	-5.57478	0.0919523	0.349132	-2.86424	0.863553	1.10248	1.10248	0.76032	0.840671	-1.18953	0.0234146	0.21523	-4.64619	0.0828287	0.336387	-2.97276	0.0155411	0.185766	-5.38313	3.54858	18.0823	4.52948	1
cg07281959	FURIN	0.0452202	0.577939	1.09729	1.09729	0.0591547	0.703314	-1.42184	0.934907	0.986598	-1.01358	0.939701	1.01258	1.01258	0.0662526	0.711551	-1.40538	0.548206	0.904506	-1.10558	0.00309146	1.95187	1.95187	0.502422	1.119	1.119	0.511642	0.895875	-1.11623	3.51909	1.5208	0.384141	1
cg01930518	FURIN	0.0461268	0.447214	1.16873	1.16873	0.0158348	0.55163	-1.81281	0.137328	0.724634	-1.38001	0.309352	0.809172	-1.23583	0.126317	0.716851	-1.39499	0.844386	0.961218	-1.04035	0.00885329	1.95546	1.95546	0.783268	1.05706	1.05706	0.541914	0.883144	-1.13232	3.49297	2.24103	0.570295	1
cg06401851	FUS;FUS;FUS;FUS	4.27E-05	0.0145254	0.474603	-2.10702	0.477309	1.18935	1.18935	0.0135073	0.468873	-2.13278	0.0651831	0.603704	-1.65644	8.70E-07	0.0243003	-41.1517	3.50E-05	0.117246	-8.52906	0.00989825	0.4448	-2.2482	0.0843076	0.628503	-1.59108	0.938259	0.981626	-1.01872	37.3569	33.1916	0.691055	1
cg00762711	FUS;FUS;FUS;FUS	0.00663438	0.755973	0.955688	-1.04637	0.848156	1.02826	1.02826	0.156932	1.2462	1.2462	0.232846	0.833695	-1.19948	0.356626	0.871232	-1.1478	0.000134983	0.382462	-2.61464	0.0274967	0.684497	-1.46093	0.165585	0.806537	-1.23987	0.594558	1.08124	1.08124	6.7265	2.25195	0.297589	1
cg16422137	FUS;FUS;FUS;FUS	0.0478691	0.327348	0.837401	-1.19417	0.131268	0.751305	-1.33102	0.00675674	1.85191	1.85191	0.787	1.04868	1.04868	0.870534	0.97178	-1.02904	0.828785	1.03874	1.03874	0.352153	0.845322	-1.18298	0.434773	1.15011	1.15011	0.0131831	1.71485	1.71485	3.44452	1.68029	0.433613	1
cg02960150	FUS;FUS;FUS;FUS;FUS;FUS;FUS	0.00705591	0.398991	0.860205	-1.16251	0.0124564	1.71995	1.71995	0.262481	1.22599	1.22599	0.00157234	0.453008	-2.20747	0.208971	0.793766	-1.25982	0.197188	1.2684	1.2684	0.32849	1.19231	1.19231	0.00640373	1.85633	1.85633	0.191744	1.27253	1.27253	6.59873	3.17846	0.428157	1
cg12154110	FUT1	0.00855423	0.0455502	0.500937	-1.99626	0.249483	0.695685	-1.43743	0.0199665	0.428836	-2.33189	0.00963429	0.372393	-2.68533	0.00394706	0.310688	-3.21866	0.00956715	0.37188	-2.68904	0.00290387	0.29113	-3.4349	0.00375152	0.307394	-3.25315	0.105047	0.586261	-1.70573	6.21152	8.94146	1.27955	1
cg23092421	FUT1	0.0252325	0.931439	1.01785	1.01785	0.0835738	1.48256	1.48256	0.00108954	0.37122	-2.69382	0.16362	1.35753	1.35753	0.325327	0.81154	-1.23222	0.967949	1.0083	1.0083	0.0818309	0.672681	-1.48659	0.414993	0.842555	-1.18687	0.752658	0.937066	-1.06716	4.34322	2.90797	0.595148	1
cg18892473	FUT10	4.11E-06	0.0993948	1.5116	1.5116	0.124655	1.4627	1.4627	0.28555	0.775904	-1.28882	0.402278	0.821942	-1.21663	0.933007	1.01942	1.01942	0.488804	1.17452	1.17452	3.43E-08	0.0107561	-92.9705	0.169639	1.39746	1.39746	0.855656	0.959202	-1.04253	51.0641	42.3199	0.736676	1
cg15455772	FUT10	0.00452549	0.154617	0.615349	-1.62509	0.00118517	0.219721	-4.55122	0.00695987	0.328658	-3.04268	0.356415	1.35298	1.35298	0.0112401	0.363404	-2.75176	0.786909	0.917267	-1.09019	0.00144641	0.230593	-4.33664	0.220363	1.50782	1.50782	0.0932631	0.5552	-1.80115	7.56474	12.1695	1.42997	1
cg13720344	FUT10	0.0117562	0.379731	1.18066	1.18066	0.250222	1.24789	1.24789	0.00857858	1.85508	1.85508	0.767151	0.946743	-1.05625	0.360579	0.840944	-1.18914	0.0158872	0.580218	-1.72349	0.00169373	0.437523	-2.2856	0.729932	0.938126	-1.06595	0.738941	0.94022	-1.06358	5.61071	3.01851	0.478214	1
cg10886225	FUT10	0.0285905	0.240631	0.664547	-1.50478	0.313643	1.41433	1.41433	0.34086	1.38611	1.38611	0.0118321	2.84465	2.84465	0.0219672	0.400852	-2.49468	0.507161	0.799439	-1.25088	0.0171119	2.62935	2.62935	0.096033	1.83681	1.83681	0.886578	1.04862	1.04862	4.15707	7.28521	1.55777	1
cg17003783	FUT10;FUT10	0.0272981	0.366852	1.13494	1.13494	0.0008735	1.97721	1.97721	0.972001	1.0048	1.0048	0.595874	1.07582	1.07582	0.404169	1.12362	1.12362	0.507598	1.09613	1.09613	0.0304408	0.706569	-1.41529	0.838811	0.972522	-1.02825	0.873811	1.02194	1.02194	4.22535	1.24774	0.262488	1
cg15838173	FUT11	1.15E-05	0.192353	0.732377	-1.36542	0.606889	1.12428	1.12428	0.000166012	4.25515	4.25515	1.08E-06	0.0565365	-17.6877	0.221508	0.748226	-1.3365	0.000291202	0.263598	-3.79366	1.16E-05	0.122795	-8.14367	0.065708	0.627402	-1.59387	0.539296	1.1506	1.1506	39.1439	31.5853	0.717246	1
cg12419678	FUT11	0.00635808	0.00349871	0.562188	-1.77876	0.132977	1.26574	1.26574	0.350774	1.14983	1.14983	0.553144	1.09113	1.09113	0.351049	1.14974	1.14974	0.0558183	0.729797	-1.37024	0.000715053	0.47286	-2.11479	0.206054	1.21399	1.21399	0.819765	1.03373	1.03373	6.81587	2.28143	0.297532	1
cg25295726	FUT11	0.0141735	0.254396	1.09531	1.09531	0.632773	0.963846	-1.03751	0.0388949	1.20069	1.20069	0.646615	1.03594	1.03594	0.591282	1.04234	1.04234	0.139941	0.885608	-1.12917	0.00100776	0.688459	-1.45252	0.0474128	1.18945	1.18945	0.364168	0.931154	-1.07394	5.27846	0.48915	0.0823725	1
cg19270251	FUT11	0.0433695	0.54868	1.33352	1.33352	0.25301	0.567656	-1.76163	0.0013717	0.110552	-9.04554	0.286587	1.6902	1.6902	0.188621	1.93602	1.93602	0.53496	0.742291	-1.34718	0.541789	0.74608	-1.34034	0.483459	1.40182	1.40182	0.97262	0.983854	-1.01641	3.57445	12.7345	3.1668	1
cg25907302	FUT11	0.0487116	0.314932	0.475987	-2.1009	0.0695441	0.234531	-4.26383	0.152228	0.334326	-2.99109	0.435452	1.76551	1.76551	0.0129981	0.110598	-9.04176	0.0554431	0.212064	-4.71555	0.00752853	0.0857033	-11.6682	0.280598	0.448784	-2.22824	0.0675714	0.231546	-4.3188	3.42186	27.6585	7.18477	1
cg20441902	FUT2;FUT2	0.00168976	0.00296454	1.94098	1.94098	0.0385007	0.677164	-1.47675	0.91264	0.982313	-1.01801	0.185577	1.25641	1.25641	0.0129705	0.605675	-1.65105	0.789495	0.957423	-1.04447	0.000218023	0.366943	-2.72522	0.0376995	1.47989	1.47989	0.758682	1.05138	1.05138	10.1255	4.2404	0.372254	1
cg27056475	FUT2;FUT2	0.00293379	0.00510013	1.49081	1.49081	0.000864658	1.71514	1.71514	0.000583067	1.77486	1.77486	0.102578	1.21255	1.21255	0.386475	1.10052	1.10052	0.0984767	0.822421	-1.21592	0.0394238	1.29314	1.29314	0.730061	0.963319	-1.03808	0.564239	0.939049	-1.06491	8.61502	1.58828	0.163877	1
cg19025034	FUT2;FUT2	0.00733757	0.401233	0.902083	-1.10855	0.000681869	0.536606	-1.86356	0.671169	1.05255	1.05255	0.0086621	1.49384	1.49384	0.913657	1.01309	1.01309	0.544752	0.929119	-1.07629	0.178671	1.18693	1.18693	0.0322761	0.740297	-1.35081	0.0829472	0.794325	-1.25893	6.51853	1.4851	0.202513	1
cg02804510	FUT2;FUT2	0.0115786	0.0217831	0.525385	-1.90336	0.000887236	3.20297	3.20297	0.0371153	1.76071	1.76071	0.621527	1.12336	1.12336	0.131159	0.683196	-1.46371	0.977459	0.993418	-1.00663	0.43701	0.830823	-1.20363	0.288231	0.772811	-1.29398	0.866216	0.961354	-1.0402	5.63842	4.87927	0.76921	1
cg15197218	FUT2;FUT2	0.0168663	0.825419	1.03748	1.03748	0.000505106	0.404419	-2.47269	0.146841	1.29602	1.29602	0.47702	1.12796	1.12796	0.428458	0.874045	-1.14411	0.259931	1.21616	1.21616	0.453013	0.880462	-1.13577	0.850743	0.969116	-1.03187	0.0605549	0.702998	-1.42248	4.98262	2.18856	0.390435	1
cg06594736	FUT2;FUT2	0.0185483	0.0188605	0.579414	-1.72588	0.145596	1.34957	1.34957	0.00232912	0.442347	-2.26067	0.242412	0.790789	-1.26456	0.00741917	0.515979	-1.93806	0.997977	0.999514	-1.00049	0.642244	0.91415	-1.09391	0.834954	1.04084	1.04084	0.13817	0.736185	-1.35835	4.82611	2.81357	0.518211	1
cg15422734	FUT2;FUT2	0.034049	0.664867	0.89936	-1.1119	0.587289	0.875142	-1.14267	0.248733	1.341	1.341	0.00140919	0.324635	-3.08038	0.0759406	0.61838	-1.61713	0.598365	0.878657	-1.1381	0.16169	1.43861	1.43861	0.97929	0.993703	-1.00634	0.122678	0.665608	-1.50239	3.90581	3.66364	0.833776	1
cg04660111	FUT2;FUT2;FUT2;FUT2	0.00329018	0.00319711	4.9733	4.9733	0.0427521	2.53326	2.53326	0.0177487	3.15496	3.15496	0.180839	1.76165	1.76165	0.140592	1.88087	1.88087	0.00214105	5.57721	5.57721	0.000737059	7.71737	7.71737	0.000950864	7.12081	7.12081	0.0210555	3.02191	3.02191	8.32619	20.9447	2.23602	1
cg02284900	FUT3;FUT3;FUT3;FUT3	1.14E-05	0.000474903	0.469811	-2.12851	0.000517381	0.474452	-2.1077	0.000141563	0.405029	-2.46896	0.252872	0.848401	-1.17869	0.0841127	0.768677	-1.30094	0.0143028	0.659793	-1.51563	2.35E-07	0.118489	-8.43961	2.02E-05	0.305179	-3.27677	0.00491001	0.598659	-1.6704	39.17	11.7562	0.266784	1
cg05306773	FUT3;FUT3;FUT3;FUT3	0.000185326	0.131513	0.828649	-1.20678	0.412483	0.907798	-1.10157	0.000213197	0.489629	-2.04236	0.0166068	0.7134	-1.40174	0.387989	1.10755	1.10755	0.00436804	0.644333	-1.55199	0.0121135	0.696929	-1.43487	4.32E-06	0.293973	-3.40168	0.0130557	0.700827	-1.42688	18.7544	3.95874	0.18763	1
cg14529758	FUT3;FUT3;FUT3;FUT3	0.000250441	1.76E-05	0.190271	-5.25567	0.505142	0.880083	-1.13626	0.0309954	0.619789	-1.61345	0.401554	0.850284	-1.17608	5.63E-05	0.243243	-4.11112	0.000377982	0.341943	-2.92447	0.327881	0.826317	-1.21019	0.0136054	0.561765	-1.7801	0.0157649	0.571865	-1.74866	17.2817	9.76669	0.502353	1
cg24314434	FUT3;FUT3;FUT3;FUT3	0.00376034	0.00598684	0.123594	-8.09102	0.00124899	0.0643205	-15.5471	0.00548667	0.119422	-8.37364	0.029393	0.224669	-4.45099	0.0322112	0.232265	-4.30543	0.0138921	0.170523	-5.86432	0.00113754	0.0616915	-16.2097	0.00523489	0.117225	-8.53061	0.0139805	0.170927	-5.85045	7.99985	42.9148	4.7684	1
cg19010850	FUT3;FUT3;FUT3;FUT3	0.0111178	0.196234	0.861419	-1.16088	0.179946	0.856024	-1.16819	0.000366813	0.536369	-1.86439	0.779403	0.969813	-1.03113	0.103055	0.823105	-1.21491	0.0366552	0.767177	-1.30348	0.288871	1.1277	1.1277	0.0137627	0.717173	-1.39436	0.87375	0.982791	-1.01751	5.71288	1.07817	0.167756	1
cg19442149	FUT3;FUT3;FUT3;FUT3	0.0204331	0.257926	0.791944	-1.26272	0.0105474	1.88842	1.88842	0.0533376	0.648103	-1.54297	0.9188	1.02035	1.02035	0.0476611	0.639217	-1.56441	0.37819	1.19561	1.19561	0.957156	0.989441	-1.01067	0.0165822	0.560906	-1.78283	0.0551535	1.53664	1.53664	4.67041	2.88798	0.549651	1
cg23076550	FUT3;FUT3;FUT3;FUT3	0.0233986	0.0358369	2.19326	2.19326	0.210727	1.52827	1.52827	0.37185	0.744617	-1.34297	0.0821297	1.85792	1.85792	0.0139511	2.65554	2.65554	0.533683	1.22475	1.22475	0.00870823	2.93036	2.93036	0.103692	0.564225	-1.77234	0.197335	0.645128	-1.55008	4.45835	7.30384	1.45621	1
cg19263069	FUT3;FUT3;FUT3;FUT3	0.0295165	0.111005	1.32374	1.32374	0.129865	0.767745	-1.30251	0.445776	1.13377	1.13377	0.00887468	0.583935	-1.71252	0.554499	0.907946	-1.10139	0.196944	1.24652	1.24652	0.0751985	1.37716	1.37716	0.496804	0.894541	-1.11789	0.0217943	1.56005	1.56005	4.11046	1.69864	0.367332	1
cg16859968	FUT3;FUT3;FUT3;FUT3	0.0316958	0.0230661	0.480835	-2.07972	0.549782	0.84954	-1.17711	0.0640246	0.570722	-1.75217	0.66582	1.12421	1.12421	0.0348099	0.515362	-1.94038	0.286736	0.74224	-1.34727	0.204024	1.43506	1.43506	0.103305	0.618711	-1.61626	0.00384046	0.349964	-2.85743	4.00754	4.60837	1.02216	1
cg09001777	FUT3;FUT3;FUT3;FUT3	0.0390375	0.120443	0.651902	-1.53397	0.0492452	1.76854	1.76854	0.844679	1.05109	1.05109	0.655242	0.892118	-1.12093	0.515567	0.845799	-1.18231	0.985029	1.00478	1.00478	0.0229833	0.501144	-1.99543	0.00482775	0.386866	-2.58488	0.169685	0.689648	-1.45002	3.71627	3.79787	0.908407	1
cg26899156	FUT3;FUT3;FUT3;FUT3;FUT3;FUT3;FUT3;FUT3	0.00065454	0.00309619	1.91081	1.91081	0.000398999	2.46308	2.46308	0.486543	1.11975	1.11975	0.598792	1.08865	1.08865	0.0400561	0.684141	-1.46169	0.0391914	1.46486	1.46486	0.479782	1.12179	1.12179	0.00015856	0.355856	-2.81013	0.789663	1.0437	1.0437	13.2578	5.37384	0.360296	1
cg16095615	FUT4	0.000139009	0.335681	1.16735	1.16735	0.0077033	0.575126	-1.73875	0.0581766	1.40296	1.40296	0.00034429	0.379737	-2.6334	0.0253452	0.654493	-1.5279	0.00282638	0.510485	-1.95892	?	?	?	1.46E-05	0.204844	-4.88176	0.0052707	1.81661	1.81661	26.8488	8.90512	0.290217	1
cg04757806	FUT4	0.00185794	0.00538855	3.30111	3.30111	0.0180403	2.55081	2.55081	0.0186073	2.53454	2.53454	0.640183	1.16587	1.16587	0.110319	1.76343	1.76343	0.127357	1.7116	1.7116	9.90E-05	9.51242	9.51242	0.000579501	5.66909	5.66909	0.741321	1.11403	1.11403	9.85078	16.5779	1.49591	1
cg19625116	FUT4	0.00237722	0.0098484	0.691357	-1.44643	0.677154	1.04851	1.04851	0.0845092	1.24098	1.24098	0.00188631	0.607473	-1.64616	0.00143583	0.593649	-1.6845	0.00952395	0.689645	-1.45002	0.927744	0.98979	-1.01032	0.0038382	0.643448	-1.55413	0.00631019	0.668671	-1.4955	9.16675	1.8586	0.180227	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13556659	FUT4	0.0029818	0.232571	0.83778	-1.19363	0.227001	0.835824	-1.19642	0.822892	0.9688	-1.0322	0.184437	1.22024	1.22024	0.00071718	0.482832	-2.07111
cg05229803	FUT4	0.00426611	0.00282028	2.18938	2.18938	0.0188331	1.71943	1.71943	0.000815328	2.61519	2.61519	0.879804	1.02924	1.02924	0.0851832	1.43695	1.43695
cg11412713	FUT4	0.0114667	0.201478	1.43339	1.43339	0.00440576	2.75837	2.75837	0.0250695	2.03676	2.03676	0.649875	1.12973	1.12973	0.808677	1.06689	1.06689
cg00796728	FUT4	0.0199062	0.146317	0.779165	-1.28342	0.0369837	0.678658	-1.4735	0.521569	0.901264	-1.10955	0.029795	0.664188	-1.5056	0.0109626	0.59999	-1.66669
cg08863777	FUT4	0.0216009	0.0517818	3.15116	3.15116	0.0198602	4.29787	4.29787	0.0336443	3.62094	3.62094	0.894626	0.933587	-1.07114	0.199603	2.01931	2.01931
cg18023065	FUT4	0.0360386	0.10784	2.86779	2.86779	0.109076	2.85538	2.85538	0.0255576	4.91845	4.91845	0.875272	0.909994	-1.09891	0.542302	1.44825	1.44825
cg02709181	FUT4	0.0404888	0.259985	0.847723	-1.17963	0.00671167	1.63934	1.63934	0.934457	1.01163	1.01163	0.486685	0.90541	-1.10447	0.788976	0.962987	-1.03844
cg20533957	FUT4	0.0442986	0.178878	2.05377	2.05377	0.0221285	3.98546	3.98546	0.0107779	5.02472	5.02472	0.905635	1.06159	1.06159	0.366955	1.59533	1.59533
cg10139370	FUT5	4.92E-05	1.05E-05	0.421756	-2.37104	0.00737214	0.728621	-1.37245	2.94E-05	0.471916	-2.11902	0.912579	1.01012	1.01012	0.000136699	0.546071	-1.83126
cg25692507	FUT5	6.16E-05	0.000162279	0.180684	-5.53453	2.75E-05	0.111086	-9.00205	0.000286148	0.207159	-4.82722	0.0017067	0.304016	-3.2893	7.00E-05	0.145243	-6.88503
cg21570818	FUT5	0.000587172	0.512018	1.07031	1.07031	0.283176	1.12067	1.12067	0.0957801	0.829506	-1.20554	0.198898	0.870487	-1.14878	1.90E-05	0.411416	-2.43063
cg16000406	FUT5	0.00224365	0.0775941	0.789619	-1.26643	0.571643	0.933487	-1.07125	7.50E-05	0.420828	-2.37627	0.154201	1.20162	1.20162	0.673695	1.05232	1.05232
cg21557451	FUT5	0.00642134	0.876017	0.994445	-1.00559	0.0167093	1.10986	1.10986	0.111411	0.94001	-1.06382	0.0134927	1.11528	1.11528	0.769013	0.989548	-1.01056
cg03573889	FUT5	0.0103982	0.777582	1.11014	1.11014	0.00177758	0.193675	-5.16329	0.0485249	0.435393	-2.29678	0.00691995	0.275381	-3.63133	0.0176822	0.344871	-2.89964
cg14173523	FUT5	0.0472702	0.0242214	0.1561	-6.40614	0.057127	0.225864	-4.42744	0.189318	0.382443	-2.61477	0.0919297	0.277332	-3.60579	0.0193764	0.141637	-7.06029
cg01677302	FUT6;FUT6	2.41E-05	0.0132767	0.558798	-1.78955	0.349108	0.832925	-1.20059	0.0424889	0.642062	-1.55748	0.00642144	0.510485	-1.95892	2.55E-05	0.20514	-4.87473
cg05444024	FUT6;FUT6	0.000157732	0.549864	1.06732	1.06732	0.470783	1.08221	1.08221	0.000130153	0.488901	-2.0454	0.0501371	1.27188	1.27188	5.77E-06	0.333236	-3.00088
cg13492223	FUT6;FUT6	0.000168737	0.000163966	0.414352	-2.41341	0.0429578	1.37616	1.37616	4.62E-06	0.236714	-4.2245	0.908889	0.98443	-1.01582	0.00833938	0.629932	-1.58747
cg11233468	FUT6;FUT6	0.00160601	0.0431944	0.63077	-1.58536	0.000197087	0.289473	-3.45455	0.00139291	0.399458	-2.50339	0.144736	1.36388	1.36388	0.0510106	0.643809	-1.55325
cg18062651	FUT6;FUT6	0.00196082	0.00821831	0.185224	-5.39886	0.36515	0.628726	-1.59052	0.00668551	0.17297	-5.78134	0.8334	0.900282	-1.11076	0.00327194	0.135446	-7.38302
cg08145495	FUT6;FUT6	0.00700455	0.371298	1.23629	1.23629	0.788186	0.939674	-1.0642	0.076413	0.634152	-1.57691	0.37659	0.810863	-1.23325	0.00499073	0.423752	-2.35987
cg15795702	FUT6;FUT6	0.00981596	0.0940083	0.376406	-2.65671	0.0124803	0.192152	-5.2042	0.0195093	0.22356	-4.47308	0.82644	1.12359	1.12359	0.0629325	0.329491	-3.03498
cg13572146	FUT6;FUT6	0.0346553	0.0189912	0.266919	-3.74646	0.0296039	0.3039	-3.29056	0.128222	0.465464	-2.14839	0.296043	0.604165	-1.65518	0.0154077	0.250912	-3.98546
cg01630130	FUT6;FUT6	0.0361887	0.379787	0.755976	-1.32279	0.688746	1.13317	1.13317	0.000822488	0.209116	-4.78203	0.983688	0.993672	-1.00637	0.551742	0.829485	-1.20557
cg25997023	FUT6;FUT6	0.0363124	0.0167093	0.32738	-3.05455	0.181503	0.581493	-1.71971	0.0334074	0.386699	-2.58599	0.992537	0.996432	-1.00358	0.0213636	0.347447	-2.87814
cg21967545	FUT6;FUT6;FUT6;FUT6	0.00180736	0.00148287	0.215876	-4.63229	0.00521854	0.291589	-3.42948	0.00516851	0.290951	-3.43701	0.166813	0.610857	-1.63704	0.000605645	0.170712	-5.85783
cg00579402	FUT6;FUT6;FUT6;FUT6	0.00872852	0.192519	0.816682	-1.22447	0.860854	1.02609	1.02609	0.177466	0.810237	-1.23421	0.0299996	0.687429	-1.45469	0.00515593	0.581411	-1.71995
cg16701258	FUT6;FUT6;FUT6;FUT6	0.0100666	0.15223	1.5281	1.5281	0.0440165	1.89616	1.89616	0.0507739	0.540472	-1.85023	0.366275	1.29257	1.29257	0.456097	0.810696	-1.23351
cg15067907	FUT6;FUT6;FUT6;FUT6	0.0133477	0.00518613	0.404372	-2.47297	0.382677	0.802771	-1.24568	0.0628613	0.598359	-1.67124	0.124374	0.664784	-1.50425	0.00827769	0.4367	-2.2899
cg14053727	FUT8;FUT8	0.00501933	0.445369	1.2647	1.2647	0.0354512	0.477506	-2.09421	0.00040614	0.183356	-5.45387	0.0142695	0.401606	-2.49	0.778474	0.918391	-1.08886
cg04284169	FUT8;FUT8;FUT8;FUT8	0.019658	0.325993	0.861659	-1.16055	0.00515231	0.581363	-1.72009	0.0585882	0.730739	-1.36848	0.0645786	0.737263	-1.35637	0.00283506	0.546917	-1.82843
cg13157870	FUT8;FUT8;FUT8;FUT8;FUT8	0.0415677	0.377651	0.820842	-1.21826	0.00765266	0.473465	-2.11209	0.0036035	0.423382	-2.36193	0.684978	0.914891	-1.09303	0.100317	0.67527	-1.48089
cg16790345	FUT8;FUT8;FUT8;FUT8;FUT8	0.0441248	0.00855095	0.272521	-3.66944	0.0337007	0.382463	-2.61463	0.0133904	0.305151	-3.27706	0.417888	0.725574	-1.37822	0.0155288	0.316587	-3.15869
cg11985277	FUT8;FUT8;FUT8;FUT8;FUT8;FUT8;LOC645431	0.0323571	0.168035	0.859771	-1.1631	0.68279	1.04316	1.04316	0.119113	1.18999	1.18999	0.756463	0.968514	-1.03251	0.407794	1.09098	1.09098
cg08074084	FUT8;FUT8;FUT8;FUT8;LOC645431	0.0018142	0.0832886	0.89413	-1.11841	0.0326035	1.15716	1.15716	0.0178046	1.18312	1.18312	0.182253	0.920694	-1.08614	0.044622	0.874087	-1.14405
cg10998611	FUT8;FUT8;FUT8;FUT8;LOC645431	0.00810442	0.687299	1.06879	1.06879	0.54063	1.1072	1.1072	0.148214	0.774929	-1.29044	0.452002	0.881643	-1.13425	0.921403	1.01636	1.01636
cg07481335	FUT8;FUT8;FUT8;FUT8;LOC645431	0.0291457	0.417241	0.677954	-1.47503	0.281485	0.591693	-1.69007	0.32201	1.6155	1.6155	0.563845	1.31463	1.31463	0.826922	0.90243	-1.10812
cg09858692	FUT8;FUT8;FUT8;FUT8;LOC645431;FUT8;FUT8	0.0389389	0.156815	1.26017	1.26017	0.0147327	1.58149	1.58149	0.351852	1.15755	1.15755	0.205308	1.22636	1.22636	0.648183	0.932253	-1.07267
cg23997263	FUT9	0.0120199	0.273301	1.50562	1.50562	?	?	?	?	?	?	0.0833239	0.476933	-2.09673	0.18774	0.59945	-1.6682
cg03063015	FUT9	0.0151735	0.039789	2.5752	2.5752	0.921887	0.96172	-1.0398	0.0653022	0.438922	-2.27831	0.0284475	2.7986	2.7986	0.205432	0.587648	-1.7017
cg08681919	FUT9	0.0155175	0.0842263	1.46	1.46	0.138953	0.729404	-1.37098	0.0485534	0.639931	-1.56267	0.0759633	1.47881	1.47881	0.194729	1.31225	1.31225
cg22782271	FUT9	0.0247963	0.531675	1.10128	1.10128	0.010562	1.63201	1.63201	0.028025	1.48471	1.48471	0.893269	0.979766	-1.02065	0.538056	0.909426	-1.09959
cg14621161	FUT9	0.0359279	0.38737	0.632929	-1.57996	0.00485493	0.145433	-6.87602	0.0176199	0.22521	-4.4403	0.941593	1.03855	1.03855	0.0202773	0.235795	-4.24097
cg01489686	FUT9	0.041232	0.0941961	1.13748	1.13748	0.00136508	1.38448	1.38448	0.975061	0.997814	-1.00219	0.0414164	1.17899	1.17899	0.225457	1.09321	1.09321
cg01758512	FUT9;FUT9	0.0212725	0.109748	1.28827	1.28827	0.0704917	1.34137	1.34137	0.00138974	1.96043	1.96043	0.336618	1.15481	1.15481	0.0607331	0.735528	-1.35957
cg10290724	FUZ	4.59E-06	0.98255	0.996395	-1.00362	0.00047166	2.47725	2.47725	0.378179	0.8613	-1.16104	0.648741	1.07867	1.07867	0.0502588	1.44565	1.44565
cg23307385	FUZ	5.20E-05	0.041735	0.656757	-1.52263	0.0718059	1.43337	1.43337	0.358116	1.18444	1.18444	0.046946	0.665409	-1.50284	0.924639	1.01709	1.01709
cg21712019	FUZ	7.32E-05	0.000135656	0.67915	-1.47243	0.000463051	1.38079	1.38079	0.000508513	0.72755	-1.37448	0.00489821	0.803811	-1.24407	0.00055978	0.730945	-1.36809
cg19856145	FUZ	0.000182455	0.00767457	0.806712	-1.2396	0.402819	1.05514	1.05514	0.15817	1.0992	1.0992	0.00682594	0.802775	-1.24568	0.000368806	0.699467	-1.42966
cg26271127	FUZ	0.000449801	0.776896	1.08292	1.08292	0.341593	1.31625	1.31625	0.354427	1.30623	1.30623	0.221167	0.697238	-1.43423	0.787169	0.926924	-1.07884
cg01139412	FUZ	0.00046813	0.871285	1.04592	1.04592	6.76E-05	0.132683	-7.53675	0.21547	1.43477	1.43477	0.759742	1.08865	1.08865	0.00125876	0.271486	-3.68343
cg23348158	FUZ	0.0029335	0.000192391	0.090848	-11.0074	0.013716	3.20305	3.20305	0.499459	1.29935	1.29935	0.242342	1.59583	1.59583	0.668597	0.848324	-1.1788
cg07452097	FUZ	0.00620885	0.222346	0.793419	-1.26037	0.000260165	2.95602	2.95602	0.00643472	1.89545	1.89545	0.136578	0.748722	-1.33561	0.749389	0.943811	-1.05953
cg08288330	FUZ	0.0110164	0.00128292	0.204694	-4.88534	0.264608	0.675097	-1.48127	0.377193	1.35825	1.35825	0.987492	1.00531	1.00531	0.00322505	0.257171	-3.88847
cg11398523	FUZ;FUZ	0.000602026	0.192239	1.46971	1.46971	0.191037	1.47142	1.47142	0.960034	0.986117	-1.01408	0.0954092	1.66709	1.66709	0.0459184	0.528199	-1.89323
cg02796744	FXC1	3.32E-06	5.62E-06	0.143852	-6.95159	7.05E-05	0.253347	-3.94716	4.44E-06	0.135244	-7.39407	9.07E-07	0.0851011	-11.7507	2.25E-05	0.200127	-4.99684
cg21750233	FXC1	0.0428616	0.0438382	0.28334	-3.52933	0.0337127	0.25924	-3.85744	0.28342	0.545169	-1.8343	0.158628	2.27109	2.27109	0.0297024	0.24833	-4.02691
cg03733433	FXC1;ARFIP2	0.00366304	8.44E-05	0.0218845	-45.6945	0.852688	1.10573	1.10573	0.586253	1.34601	1.34601	0.258707	1.89109	1.89109	0.0161963	0.203871	-4.90505
cg24975769	FXC1;ARFIP2	0.00873735	0.0465284	0.840401	-1.18991	0.0748136	0.859548	-1.1634	0.0779761	0.861245	-1.16111	0.085215	0.864903	-1.1562	0.206727	1.1069	1.1069
cg02268013	FXN;FXN;FXN	0.000257951	0.0002429	0.250232	-3.99629	0.0391892	0.579944	-1.72431	0.740311	0.926873	-1.0789	0.000361663	0.271006	-3.68995	4.43E-05	0.17087	-5.85239
cg13671721	FXN;FXN;FXN	0.000420668	0.0224337	0.724253	-1.38073	0.00127108	0.574323	-1.74118	0.291532	0.878883	-1.13781	0.416467	1.10292	1.10292	3.02E-05	0.382013	-2.61771
cg13859886	FXN;FXN;FXN	0.00192006	0.817264	0.958085	-1.04375	0.0659318	0.682714	-1.46474	0.267886	0.807746	-1.23801	0.797707	0.953594	-1.04866	0.0143821	0.572259	-1.74746
cg14656297	FXN;FXN;FXN	0.00205331	0.000341384	0.304686	-3.28207	0.808189	1.05139	1.05139	0.592225	1.11783	1.11783	0.00331094	0.438596	-2.28	0.00495926	0.464649	-2.15216
cg07158339	FXN;FXN;FXN	0.00291154	0.0220766	0.320008	-3.12492	0.0152305	0.290216	-3.44572	0.00857278	0.248618	-4.02223	0.082495	0.450087	-2.22179	0.00130377	0.14322	-6.98224
cg14410042	FXN;FXN;FXN	0.00321415	0.573812	0.905647	-1.10418	7.46E-05	0.285235	-3.50588	0.126843	0.749789	-1.33371	0.139133	1.31996	1.31996	0.825314	1.0393	1.0393
cg13532055	FXN;FXN;FXN	0.00671131	0.00429928	0.162417	-6.157	0.0202518	0.263787	-3.79094	0.00355385	0.1525	-6.55736	0.0330285	0.305245	-3.27606	0.00961763	0.210083	-4.76002
cg01984237	FXN;FXN;FXN	0.0339248	0.465604	1.13686	1.13686	0.076781	1.40491	1.40491	0.393612	1.16293	1.16293	0.165355	1.29124	1.29124	0.0599317	0.693064	-1.44287
cg23667933	FXN;FXN;FXN	0.0422958	0.858628	1.01909	1.01909	0.0194278	1.34935	1.34935	0.191811	1.15779	1.15779	0.854682	1.01963	1.01963	0.341402	1.10955	1.10955
cg20039713	FXR1;FXR1;FXR1	0.00769719	0.104143	0.77638	-1.28803	0.119533	0.786119	-1.27207	0.0269317	0.688468	-1.4525	0.00271493	0.554355	-1.8039	0.0147407	0.652082	-1.53355
cg12685548	FXR1;FXR1;FXR1	0.00885756	0.0733496	1.68876	1.68876	0.0237649	2.03036	2.03036	0.737547	1.09227	1.09227	0.00921226	2.38108	2.38108	0.0601315	0.573232	-1.7445
cg27437944	FXR1;FXR1;FXR1	0.0159307	0.56472	1.28171	1.28171	0.440771	0.715216	-1.39818	0.218514	1.73637	1.73637	0.365901	0.672965	-1.48596	0.118694	2.05874	2.05874
cg01816191	FXR1;FXR1;FXR1	0.0166095	0.0347728	0.405689	-2.46494	0.0619936	0.462803	-2.16075	0.99653	0.998407	-1.0016	0.875257	1.05929	1.05929	0.0597831	0.458988	-2.1787
cg03881214	FXR1;FXR1;FXR1	0.0441564	0.162165	1.21625	1.21625	0.0231425	1.42787	1.42787	0.0351289	0.724733	-1.37982	0.134095	1.23605	1.23605	0.620246	0.93658	-1.06771
cg08460590	FXR2	0.0182694	0.611202	1.20138	1.20138	0.102245	0.5273	-1.89645	0.0989047	0.523358	-1.91074	0.611307	0.832423	-1.20131	0.000431166	0.136297	-7.33691
cg26904212	FXR2;SHBG	0.00557709	0.36308	0.937512	-1.06665	0.66422	1.03061	1.03061	0.00282777	1.32823	1.32823	0.420036	1.05852	1.05852	0.543741	1.04334	1.04334
cg05529097	FXR2;SHBG	0.0140656	0.0727648	0.543779	-1.83898	0.0157467	2.49592	2.49592	0.00972154	2.76308	2.76308	0.485098	1.23709	1.23709	0.0357624	0.472966	-2.11432
cg05913233	FXR2;SHBG	0.0144681	0.0613615	2.06887	2.06887	0.92061	1.03498	1.03498	0.0303946	2.40524	2.40524	0.100195	1.86117	1.86117	0.10144	0.538742	-1.85618
cg02319103	FXR2;SHBG	0.0208583	0.491477	0.830008	-1.20481	0.00648859	2.56889	2.56889	0.0183918	2.14409	2.14409	0.551943	0.851747	-1.17406	0.193955	0.693183	-1.44262
cg24168413	FXYD1;FXYD1	0.00593916	0.465411	0.863079	-1.15864	0.201472	0.765387	-1.30653	0.113316	0.710664	-1.40713	0.0026235	0.437942	-2.28341	0.0040894	0.465949	-2.14616
cg07780528	FXYD1;FXYD1	0.0149384	0.573609	0.867838	-1.15229	0.286785	1.31751	1.31751	0.0703006	0.603888	-1.65594	0.00421201	0.384662	-2.59968	0.00418372	0.384216	-2.60271
cg24324903	FXYD1;FXYD1	0.0333118	0.147424	1.54883	1.54883	0.278709	0.728338	-1.37299	0.0434207	0.520117	-1.92265	0.832368	1.06147	1.06147	0.279118	0.72855	-1.37259
cg03078169	FXYD1;FXYD1;FXYD1	0.00037495	0.0989192	0.708203	-1.41202	6.71E-06	0.14849	-6.73447	0.911888	1.02133	1.02133	0.851204	1.03646	1.03646	0.00245597	0.447781	-2.23323
cg17682828	FXYD1;FXYD7;FXYD1	0.00879118	0.00556827	0.287213	-3.48173	0.00519521	3.53837	3.53837	0.0568906	2.09228	2.09228	0.63293	0.848022	-1.17921	0.239536	0.655768	-1.52493
cg13846344	FXYD2	0.000153687	4.44E-05	0.370763	-2.69714	0.114066	0.802122	-1.24669	0.777993	1.03692	1.03692	0.914398	1.01389	1.01389	1.61E-05	0.319559	-3.12932
cg25894551	FXYD2	0.0105187	0.0240909	0.496706	-2.01326	0.269008	0.741229	-1.34911	0.0448686	0.54943	-1.82007	0.263757	0.738577	-1.35395	0.000234126	0.204538	-4.88908
cg10997248	FXYD2	0.0204634	0.0483711	0.657073	-1.5219	0.321026	1.21033	1.21033	0.806965	0.955445	-1.04663	0.303992	0.820198	-1.21922	0.0191675	0.589966	-1.69501
cg22335223	FXYD2	0.0494402	0.0428908	0.198021	-5.04996	0.0883456	3.69391	3.69391	0.0993435	3.50918	3.50918	0.607313	0.697517	-1.43366	0.022102	0.148512	-6.73348
cg19400601	FXYD2;FXYD2;FXYD2	0.019106	0.0292163	0.367953	-2.71774	0.715834	0.867392	-1.15288	0.00117694	0.156873	-6.37459	0.0864642	0.478574	-2.08954	0.00413553	0.223971	-4.46486
cg25969108	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.000604106	0.317809	0.750742	-1.33202	0.822884	1.06422	1.06422	0.666316	0.886521	-1.12801	0.964844	1.01231	1.01231	0.230646	0.705291	-1.41785
cg02704949	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.00430577	0.894236	1.02097	1.02097	0.138732	0.779871	-1.28226	0.840712	0.969094	-1.03189	0.991702	0.998379	-1.00162	0.0107465	1.64877	1.64877
cg21122474	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.0209816	0.831673	1.08327	1.08327	0.000681703	0.142224	-7.03119	0.756095	0.889513	-1.12421	0.159837	1.75834	1.75834	0.771857	0.896509	-1.11544
cg01408817	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.0413759	0.803736	1.13437	1.13437	0.00196648	0.109142	-9.16239	0.106461	0.409605	-2.44138	0.27576	1.7755	1.7755	0.826148	0.894596	-1.11782
cg24461242	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.0472185	0.0789353	0.558692	-1.78989	0.746318	0.907683	-1.10171	0.640698	0.869126	-1.15058	0.514862	0.821128	-1.21784	0.0006921	0.213273	-4.68883
cg00827318	FXYD4	0.00665759	0.384036	0.842853	-1.18645	0.000328576	0.329148	-3.03814	0.340392	0.828453	-1.20707	0.00126111	0.405905	-2.46363	0.170389	0.756041	-1.32268
cg12619162	FXYD4	0.0107892	0.296598	0.749237	-1.33469	0.0247644	0.490155	-2.04017	0.00252859	0.326827	-3.05972	0.0119155	0.43292	-2.3099	0.00128407	0.285904	-3.49768
cg24294544	FXYD4	0.0164306	0.0482558	0.688326	-1.4528	0.157065	0.778478	-1.28456	0.0192024	0.625751	-1.59808	0.138115	0.767822	-1.30238	0.000498771	0.40605	-2.46275
cg03687765	FXYD4	0.0316322	0.087724	0.791117	-1.26404	0.164893	0.831783	-1.20224	0.00294348	0.601909	-1.66138	0.385938	0.89539	-1.11683	0.00785535	0.654399	-1.52812
cg15419183	FXYD5;FXYD5;FXYD5;FXYD5	0.00232752	0.0145627	0.288194	-3.46989	0.0512967	0.399514	-2.50304	0.0700509	0.432835	-2.31035	0.102303	0.477482	-2.09432	0.000104461	0.0586907	-17.0385
cg25376238	FXYD5;FXYD5;FXYD5;FXYD5	0.0268077	0.00730489	0.473379	-2.11247	0.240407	1.30439	1.30439	0.0158054	1.89506	1.89506	0.73331	1.07674	1.07674	0.296178	0.791214	-1.26388
cg17922329	FXYD5;FXYD5;FXYD5;FXYD5	0.0399941	0.0234117	0.50092	-1.99633	0.00366989	0.366867	-2.72578	0.318254	1.30126	1.30126	0.679719	0.899447	-1.11179	0.635591	0.885275	-1.12959
cg01854969	FXYD5;FXYD5;FXYD5;FXYD5;FXYD7	0.0305442	0.011165	0.0545092	-18.3455	0.118676	4.70881	4.70881	0.104536	5.06881	5.06881	0.309218	0.381872	-2.61868	0.043887	0.120193	-8.31999
cg06593118	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	7.88E-05	0.00977986	0.534373	-1.87135	0.236854	1.26839	1.26839	0.00909545	1.8885	1.8885	0.994156	1.00141	1.00141	3.39E-06	0.122389	-8.17065
cg22869366	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.000182063	0.00016884	0.643851	-1.55315	0.199857	0.911038	-1.09765	0.00307024	0.756641	-1.32163	0.00141406	0.727707	-1.37418	0.0299432	0.838869	-1.19208
cg10045999	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.00356521	?	?	?	0.000858239	5.37177	5.37177	0.0309658	2.02267	2.02267	0.0254221	0.474539	-2.10731	0.257323	0.738896	-1.35337
cg07688416	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.0110697	0.0018974	0.0933367	-10.7139	0.0536068	3.11921	3.11921	0.0582249	3.03453	3.03453	0.592448	0.759358	-1.3169	0.0482292	0.309484	-3.23118
cg10719604	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.049257	0.668115	0.786446	-1.27154	0.00156082	12.5795	12.5795	0.369342	1.67115	1.67115	0.438171	1.55343	1.55343	0.232972	0.49828	-2.0069
cg08876826	FXYD7	0.00735217	0.0607305	0.850397	-1.17592	0.00445913	1.3374	1.3374	0.0937877	1.1517	1.1517	0.701219	1.02999	1.02999	0.774889	1.02222	1.02222
cg25252585	FXYD7	0.0257081	0.191563	0.411768	-2.42855	0.0960329	0.309426	-3.23179	0.0885219	3.33976	3.33976	0.0261654	5.43656	5.43656	0.92748	1.06016	1.06016
cg21105227	FXYD7;FXYD1;FXYD1	0.0348882	0.0225098	0.230768	-4.33336	0.0543707	0.309949	-3.22634	0.546067	0.720504	-1.38792	0.261963	1.87318	1.87318	0.359004	0.602857	-1.65877
cg15605448	FXYD7;FXYD7	0.0439383	0.0616991	0.577067	-1.7329	0.606829	0.873181	-1.14524	0.025256	2.00384	2.00384	0.573952	1.16	1.16	0.128511	0.651018	-1.53606
cg14555759	FYB;FYB	0.000233051	0.79935	0.96629	-1.03489	1.06E-05	0.281596	-3.55118	0.000220984	0.436758	-2.2896	0.930345	0.988299	-1.01184	0.174559	1.21461	1.21461
cg22858170	FYB;FYB	0.0012444	0.437399	0.89716	-1.11463	0.00716738	0.621516	-1.60897	6.08E-05	0.362673	-2.7573	0.836016	0.972006	-1.0288	0.00081973	0.501187	-1.99526
cg25424600	FYB;FYB	0.00157329	0.343823	0.870579	-1.14866	0.00371064	0.572809	-1.74578	0.0117357	0.639265	-1.5643	0.00392297	1.7362	1.7362	0.0038559	1.73916	1.73916
cg07669182	FYB;FYB	0.00358402	0.30917	0.842069	-1.18755	0.00121944	0.461623	-2.16627	0.00407845	0.532822	-1.8768	0.503062	0.894939	-1.11739	0.445573	1.13542	1.13542
cg18645492	FYB;FYB	0.0196995	0.879475	0.9738	-1.02691	0.092416	0.723215	-1.38272	0.000699276	0.404722	-2.47083	0.0909677	0.721959	-1.38512	0.221588	0.798678	-1.25207
cg20380468	FYB;FYB	0.0294283	0.115648	0.6356	-1.57332	0.0446801	0.542936	-1.84184	0.00258559	0.330687	-3.02401	0.64886	0.885611	-1.12916	0.514247	1.19156	1.19156
cg27606341	FYB;FYB;FYB;FYB	0.042335	0.032274	0.369935	-2.70318	0.348114	1.46689	1.46689	0.442466	0.733002	-1.36425	0.962001	0.981281	-1.01908	0.00695807	0.25036	-3.99424
cg24919972	FYCO1	0.00104383	0.0359016	0.637724	-1.56808	0.803863	0.955175	-1.04693	0.0468781	0.657508	-1.52089	0.00034283	2.89345	2.89345	0.00457608	0.498684	-2.00528
cg19951818	FYCO1	0.00665045	0.0737568	0.554519	-1.80337	0.0346606	0.482611	-2.07206	0.243316	0.696869	-1.43499	0.274001	0.7141	-1.40036	9.99E-05	0.129794	-7.70453
cg06585734	FYCO1	0.00878641	0.819069	1.04443	1.04443	0.0014119	0.416068	-2.40345	0.00475376	0.490964	-2.03681	0.500738	0.878377	-1.13846	0.0301083	0.616343	-1.62247
ch.3.946759R	FYCO1	0.0181928	0.00182014	0.156261	-6.39953	0.0202214	0.309452	-3.23152	0.00346325	0.189704	-5.27137	0.0481571	0.38832	-2.5752	0.3948	0.694162	-1.44058
cg15068835	FYCO1	0.0210144	0.206907	0.851672	-1.17416	0.473856	1.09184	1.09184	0.0367004	0.746196	-1.34013	0.497893	0.920349	-1.08654	0.035655	0.74458	-1.34304
cg12920938	FYCO1	0.0228342	0.00268197	0.492581	-2.03012	0.955105	0.99044	-1.00965	0.375003	0.856101	-1.16809	0.0307543	0.648596	-1.54179	0.643583	0.923574	-1.08275
cg24208206	FYCO1	0.0349233	0.146332	0.522945	-1.91225	0.000825513	0.123173	-8.11869	0.0427266	0.379151	-2.63747	0.537314	1.29653	1.29653	0.425755	0.713094	-1.40234
cg23953309	FYN	0.00575061	0.0718274	1.32423	1.32423	0.00871927	0.626892	-1.59517	0.474858	0.903442	-1.10688	0.321591	0.86668	-1.15383	0.274347	1.17225	1.17225
cg17929169	FYN	0.0149628	0.151376	0.529535	-1.88845	0.000480251	0.103776	-9.63616	0.785941	1.11916	1.11916	0.453369	0.729145	-1.37147	0.431809	0.717641	-1.39345
cg04657000	FYN	0.0299936	0.205265	0.694228	-1.44045	0.0702778	1.73768	1.73768	0.297168	1.34333	1.34333	0.885128	0.961292	-1.04027	0.00466827	0.357999	-2.7933
cg13382504	FYN	0.0340431	0.0589574	0.339568	-2.94492	0.224612	1.90789	1.90789	0.162713	2.12702	2.12702	0.0304893	3.62448	3.62448	0.0203121	0.242491	-4.12387
cg11304838	FYN	0.0420874	0.165348	0.499014	-2.00395	0.0185673	0.261618	-3.82237	0.0729809	0.390844	-2.55857	0.294326	1.66687	1.66687	0.00568448	0.181953	-5.49593
cg25189764	FYN;FYN	0.00544641	0.00119028	0.141782	-7.05309	0.0308869	0.352734	-2.835	0.0338302	0.361059	-2.76963	0.851662	0.925925	-1.08	0.0409858	0.379217	-2.63701
cg20466196	FYN;FYN	0.0240676	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14683699	FYN;FYN	0.0322992	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08114265	FYN;FYN	0.0347408	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09410830	FYN;FYN;FYN	0.000977702	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13556659	0.0304181	0.69787	-1.43293	0.000159953	0.401706	-2.48939	0.760563	0.957704	-1.04416	0.367367	0.877283	-1.13988	8.57362	2.71461	0.281443	1
cg05229803	0.870498	1.03157	1.03157	0.200276	1.29396	1.29396	0.000805441	2.62002	2.62002	0.0237767	1.67194	1.67194	7.70125	4.42544	0.51079	1
cg11412713	0.121006	1.56641	1.56641	0.000792346	3.86962	3.86962	0.0101738	2.37511	2.37511	0.726874	1.09812	1.09812	5.65616	6.382	1.00296	1
cg00796728	0.0244336	0.651118	-1.53582	0.164703	0.788831	-1.2677	0.0156166	0.622268	-1.60703	0.00210068	0.500412	-1.99835	4.71208	1.91105	0.360502	1
cg08863777	0.245889	1.87638	1.87638	0.00262734	8.66789	8.66789	0.00658516	6.23226	6.23226	0.97306	0.982641	-1.01767	4.58261	19.5176	3.78584	1
cg18023065	0.562279	1.4216	1.4216	0.00445212	9.75883	9.75883	0.00868942	7.44866	7.44866	0.61804	0.739457	-1.35234	3.82635	21.8483	5.07551	1
cg02709181	0.63732	0.935413	-1.06905	0.0443835	0.722783	-1.38354	0.0373337	0.711943	-1.40461	0.0721456	0.754135	-1.32602	3.66668	1.14794	0.278288	1
cg20533957	0.238526	1.86294	1.86294	0.00695035	5.81243	5.81243	0.024684	3.84984	3.84984	0.583796	1.32157	1.32157	3.5463	14.2649	3.57552	1
cg10139370	0.624645	0.955794	-1.04625	0.0340047	0.797005	-1.2547	9.66E-05	0.529476	-1.88866	0.000106557	0.53418	-1.87203	26.7403	3.56023	0.118347	1
cg25692507	0.0677767	0.580512	-1.72262	1.60E-05	0.093848	-10.6555	0.00115598	0.281119	-3.55721	0.00104242	0.27521	-3.63359	25.1894	28.1877	0.994693	1
cg21570818	0.368755	0.909992	-1.09891	0.00429125	1.47735	1.47735	0.0112134	0.722772	-1.38356	0.347821	1.1038	1.1038	13.666	2.2594	0.14696	1
cg16000406	0.00637309	0.652127	-1.53344	0.0139933	0.693901	-1.44113	0.0424324	0.754722	-1.32499	0.715278	1.0451	1.0451	9.32351	2.14109	0.204128	1
cg21557451	0.202239	1.04921	1.04921	0.00121586	1.18406	1.18406	0.0178005	0.902312	-1.10826	0.527813	0.977436	-1.02308	6.79498	0.136993	0.0179208	1
cg03573889	0.71958	1.14227	1.14227	0.359096	1.41612	1.41612	0.011893	0.314006	-3.18465	0.972727	0.987466	-1.01269	5.83715	12.5849	1.91645	1
cg14173523	0.0844654	0.267327	-3.74074	0.0202089	0.144265	-6.93167	0.0121857	0.115398	-8.66565	0.0914716	0.27673	-3.61363	3.46093	26.1927	6.72723	1
cg01677302	0.00139198	0.415387	-2.40739	7.06E-07	0.0780976	-12.8045	0.000117362	0.278254	-3.59384	0.000414198	0.345547	-2.89397	32.2645	18.3808	0.506392	1
cg05444024	0.744082	1.0359	1.0359	0.167492	1.17167	1.17167	0.156147	0.849278	-1.17747	0.230715	0.873375	-1.14498	19.5896	3.59759	0.163243	1
cg13492223	0.756437	0.958248	-1.04357	0.281461	0.857751	-1.16584	0.484939	0.9073	-1.10217	0.248304	0.847525	-1.17991	19.2361	5.72467	0.264533	1
cg11233468	0.0887857	0.689413	-1.45051	0.00059104	0.349477	-2.86142	0.237317	0.782489	-1.27797	0.0504173	0.642884	-1.55549	10.2753	6.38779	0.552591	1
cg18062651	0.764634	1.16154	1.16154	8.50E-05	0.0295374	-33.8553	0.00679019	0.173869	-5.75145	0.159711	0.472703	-2.11549	9.69761	38.2007	3.5015	1
cg08145495	0.647286	0.899025	-1.11232	0.000447372	0.278157	-3.59509	0.942298	1.01687	1.01687	0.00539381	0.428961	-2.33121	6.61378	5.59253	0.751634	1
cg15795702	0.173179	0.463421	-2.15787	0.000467679	0.0539961	-18.5198	0.0344316	0.270071	-3.70273	0.0195649	0.223774	-4.4688	5.94581	26.5175	3.96432	1
cg13572146	0.0406595	0.333151	-3.00164	0.00649712	0.192991	-5.18159	0.114422	0.449998	-2.22223	0.0345536	0.317835	-3.14629	3.881	13.2939	3.04479	1
cg01630130	0.108826	0.581	-1.72117	0.19606	1.52881	1.52881	0.535396	0.822932	-1.21517	0.822461	0.9326	-1.07227	3.82057	5.83343	1.3572	1
cg25997023	0.055615	0.436466	-2.29113	0.0874903	0.486241	-2.05659	0.00582316	0.251507	-3.97603	0.0741369	0.467358	-2.13969	3.81583	8.82944	2.0568	1
cg21967545	0.49021	0.791071	-1.26411	0.000443384	0.156559	-6.38738	0.00441306	0.28061	-3.56367	0.0558962	0.484688	-2.06318	9.93002	17.5861	1.57423	1
cg00579402	0.269715	1.18382	1.18382	0.00157109	1.94784	1.94784	0.679699	0.940867	-1.06285	0.170709	0.807202	-1.23885	6.17201	2.10706	0.303458	1
cg16701258	0.122688	1.58793	1.58793	0.00155115	3.51901	3.51901	0.0238876	0.474622	-2.10694	0.128214	1.57561	1.57561	5.89807	7.14052	1.07614	1
cg15067907	0.55889	1.15609	1.15609	0.419736	1.22422	1.22422	0.0019897	0.342526	-2.91948	0.129647	0.669134	-1.49447	5.38348	5.13422	0.847732	1
cg14053727	0.622051	1.16182	1.16182	0.0225315	0.438345	-2.28131	0.030364	2.15614	2.15614	0.227444	0.682172	-1.46591	7.32996	10.5783	1.28281	1
cg04284169	0.102452	0.769222	-1.30002	0.0291934	0.685709	-1.45835	0.010547	0.623512	-1.60382	0.091913	0.761534	-1.31314	4.73219	1.6156	0.303471	1
cg13157870	0.970329	1.00814	1.00814	0.313872	1.25504	1.25504	0.427888	0.838174	-1.19307	0.204425	0.74672	-1.33919	3.63122	2.73546	0.669616	1
cg16790345	0.11335	0.512898	-1.94971	0.446962	0.740545	-1.35036	0.136525	0.537089	-1.86189	0.0609475	0.441116	-2.26698	3.55151	8.44642	2.11401	1
cg11985277	0.675719	1.04421	1.04421	0.00216903	0.642415	-1.55663	0.85079	0.98082	-1.01955	0.0410795	1.27431	1.27431	3.97804	0.666313	0.148887	1
cg08074084	0.300273	1.06465	1.06465	0.000222632	0.698555	-1.43153	0.10178	0.900734	-1.11021	0.015772	1.18846	1.18846	9.91915	0.535165	0.0479579	1
cg10998611	0.254155	0.822211	-1.21623	9.98E-05	0.321456	-3.11084	0.341554	0.851194	-1.17482	0.169648	0.786233	-1.27189	6.3183	2.70453	0.380487	1
cg07481335	0.00101664	0.101795	-9.82362	0.179466	1.95129	1.95129	0.198011	1.89243	1.89243	0.445983	1.43939	1.43939	4.1289	14.3735	3.0944	1
cg09858692	0.088467	0.750513	-1.33242	0.0250662	0.665655	-1.50228	0.0859371	1.33613	1.33613	0.309567	1.17418	1.17418	3.71972	1.37371	0.32827	1
cg23997263	0.0318058	0.352232	-2.83904	?	?	?	0.929704	0.970172	-1.03075	0.00218558	9.576	9.576	13.7705	14.9043	0.721558	1
cg03063015	0.0261952	2.85669	2.85669	0.0862949	2.12582	2.12582	0.00363749	4.78605	4.78605	0.186688	1.7455	1.7455	5.16102	12.9452	2.22957	1
cg08681919	0.0644265	1.5092	1.5092	0.00685477	2.00108	2.00108	0.00788654	1.96444	1.96444	0.778954	1.05733	1.05733	5.12283	3.18425	0.552516	1
cg22782271	0.254197	1.19879	1.19879	0.106627	0.76469	-1.30772	0.0215521	0.656835	-1.52245	0.100496	0.760343	-1.3152	4.36965	1.60483	0.326459	1
cg14621161	0.0857943	0.375237	-2.66498	0.258823	0.544332	-1.83711	0.218486	1.95071	1.95071	0.347536	0.606938	-1.64762	3.83062	16.1687	3.75191	1
cg01489686	0.733102	1.02425	1.02425	0.477741	0.950723	-1.05183	0.496393	1.04954	1.04954	0.750515	0.977915	-1.02258	3.64213	0.282708	0.0689971	1
cg01758512	0.832652	1.03122	1.03122	0.0518872	1.37902	1.37902	0.0824019	1.3225	1.3225	0.22994	1.20081	1.20081	4.60669	1.53998	0.297149	1
cg10290724	0.313931	0.841995	-1.18766	0.12845	0.762346	-1.31174	0.711158	0.940426	-1.06335	4.43E-08	23.7417	23.7417	49.6227	21.4318	0.383907	1
cg23307385	1.07E-06	0.102267	-9.77835	0.0237007	0.616503	-1.62205	0.0928577	1.39263	1.39263	0.00214245	2.16489	2.16489	26.3425	13.3856	0.451678	1
cg21712019	0.595029	0.969065	-1.03192	2.09E-05	0.604979	-1.65295	0.170934	0.918151	-1.08915	0.748449	0.981331	-1.01902	24.0661	1.30757	0.0482954	1
cg19856145	0.0014774	0.750087	-1.33318	1.07E-05	0.554871	-1.80222	0.0299972	0.852117	-1.17355	0.116204	1.11296	1.11296	18.8338	1.17218	0.0553225	1
cg26271127	0.96269	1.0132	1.0132	0.628956	0.872379	-1.14629	0.118535	0.62178	-1.60829	4.75E-06	18.8554	18.8554	14.7155	18.3258	1.10697	1
cg01139412	0.000356222	0.204512	-4.88968	0.305551	1.34148	1.34148	0.145186	1.54215	1.54215	0.0674404	1.76366	1.76366	14.5538	17.6734	1.07942	1
cg23348158	0.183928	0.583656	-1.71334	0.0472395	0.420121	-2.38027	0.198356	1.68076	1.68076	0.0372214	2.51879	2.51879	8.61527	19.9085	2.05408	1
cg07452097	0.342089	0.838093	-1.19318	0.923016	0.982711	-1.01759	0.817183	1.04267	1.04267	0.59132	1.10274	1.10274	6.86617	3.54049	0.458348	1
cg08288330	0.395033	0.74501	-1.34226	0.0376098	0.442624	-2.25925	0.201166	0.633706	-1.57802	0.00994152	0.332788	-3.00492	5.72977	10.3621	1.60752	1
cg11398523	0.240814	1.40857	1.40857	1.15E-05	0.0745097	-13.4211	0.0319196	0.495903	-2.01652	0.253763	0.717135	-1.39444	13.5711	16.7281	1.09567	1
cg02796744	1.29E-05	0.176518	-5.66513	0.000124125	0.281715	-3.54969	0.0695733	0.680925	-1.46859	6.63E-06	0.150073	-6.66343	53.9315	30.6218	0.504703	1
cg21750233	0.142919	0.424389	-2.35633	0.0103857	0.172583	-5.7943	0.782956	0.860437	-1.1622	0.0883725	0.359353	-2.78278	3.59015	16.8485	4.17154	1
cg03733433	0.462956	0.667672	-1.49774	?	?	?	0.686466	0.802994	-1.24534	0.653589	0.783295	-1.27666	8.24023	33.9129	4.11552	1
cg24975769	0.000753239	1.4766	1.4766	0.433497	0.940863	-1.06285	0.645412	0.965279	-1.03597	0.122287	0.880094	-1.13624	6.17003	0.568444	0.0818933	1
cg02268013	0.00414878	0.415883	-2.40452	0.00765322	0.45718	-2.18732	0.000122352	0.216379	-4.62151	0.0122633	0.490544	-2.03855	17.143	14.152	0.733798	1
cg13671721	0.0457163	1.31024	1.31024	0.00320235	1.60745	1.60745	0.264796	0.871887	-1.14694	0.545322	0.930343	-1.07487	14.9904	3.30355	0.195892	1
cg13859886	0.333046	0.831333	-1.20289	3.78E-05	0.231461	-4.32039	0.0349175	1.57579	1.57579	0.559201	0.896498	-1.11545	9.75708	5.28866	0.481807	1
cg14656297	0.381058	0.831015	-1.20335	0.0277318	0.585041	-1.70928	0.000542881	0.330322	-3.02735	0.102143	0.691718	-1.44568	9.56824	6.43258	0.597586	1
cg07158339	0.223383	1.70065	1.70065	0.00088787	0.126582	-7.90004	0.00226495	0.169814	-5.8888	0.0506243	0.396717	-2.52069	8.63448	23.561	2.42552	1
cg14410042	0.244027	0.808518	-1.23683	0.0404325	1.511	1.511	0.405994	1.15981	1.15981	0.320976	0.836258	-1.1958	8.38442	4.03834	0.428131	1
cg13532055	0.0159916	0.245622	-4.0713	0.00166805	0.117605	-8.50305	0.0301473	0.297084	-3.36605	0.0213826	0.268128	-3.72957	6.70244	24.0541	3.1901	1
cg01984237	0.0280747	1.56536	1.56536	0.0116058	0.579822	-1.72467	0.310576	0.83424	-1.1987	0.59855	1.09611	1.09611	3.91096	1.84816	0.420052	1
cg23667933	0.280772	1.12623	1.12623	0.447918	0.921262	-1.08547	0.30293	1.1198	1.1198	0.00150014	1.62449	1.62449	3.60792	0.642466	0.158285	1
cg20039713	0.1765	0.814892	-1.22716	0.00460346	1.7113	1.7113	0.818024	1.03338	1.03338	0.849541	0.973307	-1.02743	6.42154	2.06413	0.285723	1
cg12685548	0.0151913	2.18713	2.18713	0.443764	0.814724	-1.22741	0.00194976	3.15724	3.15724	0.832123	0.945816	-1.05729	6.14338	6.70073	0.969533	1
cg27437944	0.0752742	0.429815	-2.32658	0.000881039	0.119365	-8.37763	0.431424	1.40825	1.40825	0.0451861	0.37542	-2.66369	5.07831	14.6197	2.55898	1
cg01816191	0.29327	0.670517	-1.49139	0.000378816	0.124677	-8.02074	0.236235	0.634429	-1.57622	0.131418	0.550422	-1.81679	5.00822	10.6615	1.89226	1
cg03881214	0.0333565	0.721675	-1.38567	0.546476	0.923067	-1.08334	0.921286	1.01305	1.01305	0.176727	1.20728	1.20728	3.55056	0.967563	0.242231	1
cg08460590	0.0286986	0.397135	-2.51803	0.769621	1.11082	1.11082	0.448723	0.758602	-1.31821	0.913755	0.961972	-1.03953	4.85082	9.83913	1.80297	1
cg26904212	0.299153	1.07711	1.07711	0.00101954	0.714442	-1.39969	0.0405289	0.849346	-1.17738	0.0588838	1.15867	1.15867	7.09715	0.535613	0.0670833	1
cg05529097	0.777815	0.918818	-1.08836	0.0139689	2.55891	2.55891	0.200627	0.665084	-1.50357	0.131103	1.63809	1.63809	5.95581	8.26538	1.07939	1
cg05913233	0.0869216	1.91946	1.91946	0.000866181	5.60776	5.60776	0.477927	0.779699	-1.28255	0.207109	1.58227	1.58227	5.24282	9.87756	1.67468	1
cg02319103	0.037398	0.52515	-1.90422	0.856754	0.952963	-1.04936	0.0314594	1.95969	1.95969	0.398043	1.25952	1.25952	4.63773	5.22235	1.00094	1
cg24168413	0.128289	0.721904	-1.38522	0.000977778	0.378333	-2.64317	0.00239244	0.432221	-2.31363	0.0465219	0.636425	-1.57128	6.96102	4.33135	0.553093	1
cg07780528	0.708229	0.910539	-1.09825	0.0199293	0.496382	-2.01458	0.0547785	0.580972	-1.72125	0.245293	1.35386	1.35386	5.18775	5.10611	0.874899	1
cg24324903	0.732083	1.10155	1.10155	0.00253289	3.2527	3.2527	0.597489	0.860735	-1.1618	0.228155	0.70047	-1.42761	3.93672	4.93872	1.11513	1
cg03078169	0.00965232	0.535466	-1.86753	0.0540443	0.659002	-1.51745	0.0306128	0.616051	-1.62324	0.165461	1.32593	1.32593	15.4734	8.91269	0.511999	1
cg17682828	0.584221	0.827517	-1.20843	0.021286	0.387395	-2.58134	0.0398499	2.25692	2.25692	0.994602	1.00232	1.00232	6.15804	11.4472	1.65236	1
cg13846344	0.685712	0.949153	-1.05357	0.0012112	0.54457	-1.83631	0.427004	1.10963	1.10963	0.000696112	0.514998	-1.94176	19.7273	5.14053	0.231626	1
cg25894551	0.886543	0.963545	-1.03783	0.292086	0.752509	-1.32889	0.0252937	0.500672	-1.99732	0.0606285	0.576811	-1.73367	5.8156	6.23214	0.952555	1
cg10997248	0.0489379	0.657958	-1.51985	0.0316592	1.59845	1.59845	0.00953915	0.542676	-1.84272	0.074279	0.690532	-1.44816	4.66805	2.56278	0.488004	1
cg22335223	0.794118	0.833814	-1.19931	0.57122	0.67189	-1.48834	0.0345045	0.180254	-5.54773	0.208574	0.398022	-2.51242	3.40265	26.0248	6.79857	1
cg19400601	0.14485	0.543717	-1.83919	0.691265	0.856131	-1.16805	0.176586	0.57178	-1.74892	0.103476	0.5001	-1.9996	4.77807	11.4587	2.13172	1
cg25969108	6.90E-06	0.0628875	-15.9014	0.867604	0.954733	-1.04741	0.683709	0.892502	-1.12045	0.0274595	2.06293	2.06293	13.5581	16.553	1.08524	1
cg02704949	0.000316491	2.4847	2.4847	0.00488925	1.7894	1.7894	0.0193811	1.55435	1.55435	0.0909898	1.33702	1.33702	7.67972	2.96009	0.342615	1
cg21122474	0.189715	0.593354	-1.68534	0.290951	0.662458	-1.50953	0.969161	0.985578	-1.01463	0.0772254	2.09221	2.09221	4.62841	10.3506	1.98784	1
cg01408817	0.461309	0.684035	-1.46191	0.193738	0.498444	-2.00624	0.955435	0.9721	-1.0287	0.102917	2.46799	2.46799	3.63744	14.7698	3.60934	1
cg24461242	0.456959	0.797671	-1.25365	0.62066	0.861678	-1.16053	0.641619	0.869467	-1.15013	0.316272	0.734051	-1.3623	3.46236	4.88299	1.25361	1
cg00827318	0.769723	0.945326	-1.05784	0.0132968	0.555683	-1.79959	0.670913	0.921397	-1.08531	0.247793	0.793393	-1.26041	6.7192	3.90424	0.516495	1
cg12619162	0.0185462	0.466888	-2.14184	0.0525538	0.555436	-1.80039	0.118392	0.636188	-1.57186	0.123589	0.640857	-1.56041	5.76834	6.50168	1.0019	1
cg24294544	0.281173	0.830817	-1.20363	0.342128	0.850471	-1.17582	0.0195852	0.627045	-1.59478	0.0764601	0.721723	-1.38557	5.02635	2.17974	0.385479	1
cg03687765	0.521439	1.08414	1.08414	0.115734	0.808516	-1.23683	0.0776087	0.783608	-1.27615	0.0676453	0.775302	-1.28982	4.01042	0.981641	0.217575	1
cg15419183	0.000733104	0.119826	-8.34542	0.122894	0.501037	-1.99586	0.408805	1.41806	1.41806	0.124174	0.50241	-1.9904	9.22376	24.9712	2.40647	1
cg25376238	0.181352	0.735817	-1.35903	0.761338	0.936263	-1.06808	0.0704081	1.54837	1.54837	0.118653	1.44227	1.44227	4.25231	3.14788	0.658022	1
cg17922329	0.102789	0.63403	-1.57721	0.229479	0.724774	-1.37974	0.171666	1.44985	1.44985	0.678002	1.11247	1.11247	3.68334	3.80149	0.917401	1
cg01854969	0.319794	0.390448	-2.56116	0.0471569	0.1252	-7.9872	0.116796	4.75281	4.75281	0.343849	0.409836	-2.44	4.0608	53.8193	11.7808	1
cg06593118	0.437851	1.16394	1.16394	0.000120519	0.275555	-3.62904	0.804133	1.04882	1.04882	0.0133378	0.555398	-1.80051	23.5916	13.7498	0.518067	1
cg22869366	0.247815	0.920241	-1.08667	1.36E-05	0.534989	-1.8692	0.000175653	0.64548	-1.54923	0.612478	1.03577	1.03577	18.8448	1.41254	0.0666281	1
cg10045999	0.0185532	2.25473	2.25473	0.0346972	1.97626	1.97626	0.00128362	4.66313	4.66313	0.0182464	2.26299	2.26299	16.1563	12.9247	0.499988	1
cg07688416	0.292424	1.74863	1.74863	0.261192	0.548824	-1.82208	0.0504066	3.1839	3.1839	0.0798287	0.366003	-2.73222	6.48379	26.0175	3.12099	1
cg10719604	0.5112	1.4494	1.4494	0.480858	1.49049	1.49049	0.160408	0.433771	-2.30536	0.785147	1.1644	1.1644	3.40745	16.7419	4.36739	1
cg08876826	0.0804129	0.86188	-1.16025	0.045967	0.839195	-1.19162	0.00550139	0.755989	-1.32277	0.0518658	1.18479	1.18479	6.51448	0.606118	0.0827037	1
cg25252585	0.018649	6.23407	6.23407	0.0429204	0.224204	-4.46022	0.897503	0.920621	-1.08622	0.0638606	3.8068	3.8068	4.31505	28.1459	5.79798	1
cg21105227	0.0520397	3.2738	3.2738	0.00796734	0.16119	-6.20385	0.917846	1.05692	1.05692	0.710263	1.22168	1.22168	3.87161	17.6539	4.05318	1
cg15605448	0.0957466	1.61289	1.61289	0.153347	0.670699	-1.49098	0.0421276	0.54242	-1.84359	0.271732	1.34839	1.34839	3.55713	3.84523	0.960883	1
cg14555759	0.137359	0.806201	-1.24039	0.0147118	1.49816	1.49816	0.200076	1.19989	1.19989	0.305864	0.866988	-1.15342	17.6237	5.05888	0.255156	1
cg22858170	0.0431027	0.727019	-1.37548	0.040978	0.723899	-1.38141	0.151248	1.2345	1.2345	0.0358824	0.715757	-1.39712	11.0564	3.28603	0.264182	1
cg25424600	0.00694421	1.64286	1.64286	0.0444054	1.38838	1.38838	0.194567	0.822806	-1.21535	0.10678	0.77859	-1.28437	10.3365	3.30697	0.284383	1
cg07669182	0.747648	0.948642	-1.05414	0.00280782	1.95896	1.95896	0.391476	1.15419	1.15419	0.0207427	0.634608	-1.57578	8.11595	3.42875	0.375529	1
cg18645492	0.595853	0.910595	-1.09818	0.00556919	0.528814	-1.89102	0.326452	0.837558	-1.19395	0.175293	0.77709	-1.28685	4.7288	2.29284	0.430992	1
cg20380468	?	?	?	0.691205	1.1116	1.1116	0.208317	1.4212	1.4212	0.0701777	0.584848	-1.70985	4.1843	4.13621	0.988508	1
cg27606341	0.193707	1.72537	1.72537	0.15949	1.81532	1.81532	0.532208	1.28524	1.28524	0.0757122	0.456529	-2.19044	3.60668	8.98602	2.21466	1
cg24919972	0.935236	0.985133	-1.01509	0.000932894	0.402308	-2.48566	0.00674645	0.523459	-1.91037	0.803232	1.04709	1.04709	11.6242	6.2532	0.478176	1
cg19951818	0.338213	0.74673	-1.33917	0.61244	1.16314	1.16314	0.0798291	0.562686	-1.77719	0.0763936	0.558128	-1.7917	6.72144	9.31587	1.23199	1
cg06585734	0.431455	1.16457	1.16457	0.0523561	1.51993	1.51993	0.277099	0.806958	-1.23922	0.0433756	0.643497	-1.55401	6.1591	3.51198	0.506854	1
ch.3.946759R	0.850046	0.923786	-1.0825	0.294785	0.634378	-1.57635	0.709276	0.85482	-1.16984	0.737895	1.15105	1.15105	4.85769	13.4972	2.4698	1
cg15068835	0.00544362	0.643341	-1.55438	0.00182951	0.586199	-1.7059	0.211448	0.853174	-1.17209	0.24046	0.862225	-1.15979	4.62594	1.06595	0.204825	1
cg12920938	0.00438269	0.522433	-1.91412	0.46213	1.13625	1.13625	0.494317	1.12572	1.12572	0.943055	1.01226	1.01226	4.49605	2.07325	0.409891	1
cg24208206	0.941722	1.03086	1.03086	0.38251	0.68912	-1.45113	0.523023	0.76405	-1.30881	0.904692	1.05106	1.05106	3.8702	10.595	2.43341	1
cg23953309	0.000540106	0.471502	-2.12088	0.125751	1.2605	1.2605	0.0904059	1.29786	1.29786	0.216851	0.833961	-1.1991	7.03057	2.17403	0.274867	1
cg17929169	0.344376	1.49599	1.49599	0.0111689	0.268429	-3.72538	0.0908217	0.462814	-2.16069	0.838235	0.918938	-1.08821	5.18496	14.0442	2.40768	1
cg04657000	0.538453	1.18541	1.18541	0.244885	1.39401	1.39401	0.0964768	1.64603	1.64603	0.055576	0.552984	-1.80837	4.08714	4.82725	1.04985	1
cg13382504	0.464904	1.45742	1.45742	0.94186	1.03763	1.03763	0.0808661	2.66536	2.66536	0.120029	0.425653	-2.34933	3.90605	15.8665	3.6107	1
cg11304838	0.746294	0.858564	-1.16474	0.290799	0.597517	-1.67359	0.285159	1.68455	1.68455	0.119365	0.452064	-2.21207	3.61454	12.6326	3.10661	1
cg25189764	0.975241	1.01284	1.01284	0.0040324	0.204333	-4.89398	0.751882	0.877745	-1.13928	0.000987112	0.133586	-7.48581	7.14901	19.1376	2.37952	1
cg20466196	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14683699	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08114265	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09410830	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(117T vs. N)	Fold-Change(117T vs. N)	p-value(127T vs. N)	Fold-Change(127T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477T vs. N)	Fold-Change(477T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg09512548	FYN;FYN;FYN	0.00270117	0.429284	1.22466	1.22466	1.2575594	0.34548	1.34548	0.00193971	2.73943	2.73943	0.0444329	1.7857	1.7857	0.0222003	1.022312	0.0772115	1.022312	0.929118	1.02363	1.02363	0.00168332	1.21831	1.31831	0.00012891	5.33205	5.332005	0.0262373	1.93759	1.93759	8.82826	8.8213	0.8881588	1
cg04222917	FYN;FYN;FYN	0.00306421	0.249691	1.42016	1.42016	0.01516666	2.38646	2.38646	0.01555592	2.37512	2.37512	0.00559932	2.88823	2.88823	0.0205489	1.443275	2.25594	0.376618	1.30284	1.30284	0.0121041	2.48949	2.480967	0.00607861	4.66704	4.66704	0.0150175	2.39086	2.39086	8.50448	11.4509	1.196851	1
cg05930034	FYN;FYN;FYN	0.00309343	0.37197	0.910133	-1.09874	0.316812	0.899146	-1.11217	0.725428	1.03689	1.03689	0.88798	0.985626	-1.01458	0.19403	0.868352	-1.15161	0.0067174	1.143491	1.143491	0.000110626	2.0113	2.0113	0.0889994	0.824739	-1.2125	0.515431	1.0701	1.0701	8.480521	1.41742	0.1485681	1
cg01557421	FYN;FYN;FYN	0.00441023	0.4143569	-1.41681	0.00970436	2.25891	0.25891	2.25891	0.153395	0.683351	-1.46338	0.713736	1.09611	1.09611	0.00607963	0.409768	-2.44041	0.272874	1.328764	1.328764	0.22335	0.72721	-1.37512	0.00318771	2.72642	2.72642	0.235148	1.3633	1.3633	7.768367	7.6518	0.8733003	1
cg02386354	FYN;FYN;FYN	0.00503678	0.528706	1.20372	1.20372	0.00770067	2.73999	2.73999	0.0610032	1.84671	1.84671	0.0135585	2.42903	2.42903	0.00173347	0.273095	-3.66172	0.125291	1.6193	1.6193	0.0835638	1.74435	1.74435	0.0088304	2.63544	2.63544	0.376022	1.30203	1.30203	7.32219	9.786092	1.1881	1
cg27363788	FYTTD1;FYTTD1;FYTTD1	0.02706698	0.8215111	0.961876	-1.03994	0.1045606	1.3424	1.3424	0.507603	0.894453	-1.1118	0.3541451	1.17139	1.17139	0.870342	0.973257	-1.02748	0.1970163	0.797481	-1.25395	0.000811959	2.30439	2.30439	0.472344	1.12886	1.12886	0.2739902	1.827877	-1.20791	4.23782	1.84814	0.38765	1
cg12908968	FYTTD1;FYTTD1;FYTTD1	0.0358862	0.281911	1.19241	1.19241	0.1696111	0.794344	-1.2589	0.657701	1.0727	1.0727	0.365301	1.15764	1.15764	0.0523586	0.706648	-1.41513	0.4878088	1.11731	1.11731	1.00640061	0.572206	-1.74762	0.1124457	0.761904	-1.3125	0.0203245	0.643916	-1.553	3.83224	1.50306	0.3486361	1
cg02064347	FYTTD1;FYTTD1;FYTTD1;KIAA0226	0.00973148	0.491404	0.797706	-1.25393	0.6469445	0.91803	0.91803	0.4693	0.8257051	0.931158	-1.07393	0.0282302	2.31139	2.31139	0.079824	0.533915	-1.87506	0.0020904073	0.479535	-2.08553	0.1667251	0.636905	-1.5704	0.2410353	0.6272462	-1.48721	5.96224	9.87586	1.47236	1
cg20283225	FYTTD1;KIAA0226;FYTTD1	0.0033598	0.0212634	3.331	1.02115	0.592003	0.806134	-1.24049	0.171956	0.559536	-1.7872	0.00385055	2.963175	2.963175	0.0154589	1.32421	0.0533994	0.416339	-2.40189	0.0059532	0.12043	-8.30161	0.464842	0.743003	-1.94589	0.0226117	0.336159	2.97478	8.274332	20.8979	2.24501	1
cg18490530	FYTTD1;KIAA0226;FYTTD1;FYTTD1;KIAA0226;FYTTD1;FY	0.000430777	0.153375	0.544539	-1.83642	0.227261	0.604129	-1.65528	0.699341	0.85702	-1.16683	0.899359	1.05159	1.05159	5.09E-06	0.0161635	-61.8678	0.0476264	0.406317	-2.46113	0.00143652	0.160057	-6.24776	0.660955	0.839061	-1.19181	0.0996034	0.487936	-2.04945	14.8924	37.2826	2.2253	1
cg06842518	TD1;FYTTD1;KIAA0226;KIAA0226;FYTTD1;FY	0.0146966	0.00740507	0.514762	-1.94265	0.353336	1.20179	1.20179	0.0379489	1.58909	1.58909	0.196953	0.769085	-1.30025	0.225726	1.27745	1.27745	0.528387	0.884134	-1.13082	0.883228	1.02869	1.023086	0.00733476	0.514134	-1.94502	0.0432278	1.56453	1.56453	5.2158	3.06024	0.521534	1
cg02651638	TTD1;FYTTD1;KIAA0226;KIAA0226;FYTTD1;FY	0.0339807	0.106405	0.738667	-1.35379	0.489064	1.12833	1.12833	0.280013	1.21281	1.21281	0.0798569	1.39643	1.39643	0.0484965	0.678921	-1.47293	0.00803516	0.557978	-1.79219	0.135725	1.31816	1.31816	0.51479	1.12017	1.12017	0.246627	1.2314	1.2314	3.90864	1.82721	0.415537	1
cg14732828	TTD1;FYTTD1	0.0122305	0.0959125	0.874729	-1.14321	0.2291708	1.20698	1.20698	0.00727538	1.28837	1.28837	0.962075	0.996526	-1.00349	0.646443	0.966781	-1.03436	0.615977	0.963664	-1.03771	0.0360773	0.838585	-1.19534	0.150864	1.11927	1.11927	0.0504157	1.30721	1.30721	5.53916	0.4699951	0.0754147	1
cg27496267	FZD1	0.0167049	0.0661812	2.57228	2.57228	0.0346787	3.09232	3.09232	0.0625507	2.61402	2.61402	0.067367	2.55927	2.55927	0.0373837	3.02677	3.02677	0.0309836	3.19349	3.19349	0.0019865	7.40547	7.40547	0.00536597	5.3706	5.3706	0.0234678	3.45857	3.45857	4.99865	16.6396	2.95896	1
cg08734590	FZD1	0.0272479	0.0416194	5.66017	5.66017	0.0149534	12.1223	12.1223	0.0254563	8.38872	8.38872	0.0609055	5.44552	5.44552	0.0249227	8.47509	8.47509	0.0697092	5.0751	5.0751	0.0090763	14.0472	14.0472	0.0026935	8.23465	8.23465	0.0209886	8.29877	8.29877	4.22808	42.9399	9.02745	1
cg28319950	FZD10	0.00422965	0.0467667	2.82897	2.82897	0.147544	1.55048	1.55048	0.0582183	1.75642	1.75642	0.176417	0.784417	0.588617	0.8651884	1.15582	1.15582	0.6618414	0.889827	-1.12381	0.00322312	0.344413	-2.90349	0.00287734	2.96607	2.96607	0.00240526	2.16685	2.16685	3.08275	8.60085	0.990148	1
cg21885046	FZD10	0.00970008	0.0880419	0.404825	-2.4702	0.447863	1.45003	1.45003	0.0673719	2.67682	2.67682	0.416062	0.670791	-1.49078	0.699436	0.829972	-1.20486	0.756035	0.860955	-1.1615	0.19664	0.51903	-1.92667	0.000281791	17.2623	17.2623	0.6688339	1.22962	1.22962	5.9684	21.8129	3.24865	1
cg02124745	FZD10	0.0156067	0.385663	0.859854	-1.16292	0.3194634	0.879727	-1.13716	0.0336363	0.619282	-1.61523	0.0669208	0.795712	-1.25674	0.011986	1.60603	1.60603	0.88889	0.988404	-1.01164	0.0113211	1.4781	1.4781	0.298024	1.1427	1.1427	0.0396858	1.34194	1.34194	3.00649	1.2124	0.2125261	1
cg17537177	FZD10	0.0167976	0.77836	1.03926	1.03926	0.6095055	0.931627	-1.07339	0.326188	0.870787	-1.14839	0.342032	0.874921	-1.14296	0.315074	0.867805	-1.15233	0.998545	0.999751	-1.00025	0.0203954	0.682849	-1.46445	0.00112056	1.92488	1.92488	0.080955	1.30228	1.30228	4.98942	1.47208	0.2622359	1
cg02291401	FZD10	0.0176171	0.183763	0.707509	-1.41356	0.2138361	0.744587	-1.34287	0.0263863	0.908416	-1.10082	0.2228139	0.853955	-1.17109	0.481215	0.906463	-1.10312	0.3940402	0.812209	-1.23109	0.0857159	0.616792	-1.62152	0.0057159	2.05122	2.05122	0.344732	1.13948	1.13948	4.03247	1.4846	0.2534001	1
cg16498194	FZD10	0.0261585	0.0282989	12.5447	12.5447	0.0392341	10.2822	10.2822	0.137315	4.7745	4.7745	0.186306	3.99006	3.99006	0.181864	3.99192	3.99192	0.0345947	11.0994	11.0994	0.00196237	71.8751	71.8751	0.0103506	23.4506	23.4506	0.10981	5.48915	5.48915	4.28896	64.8179	13.4336	1
cg09048530	FZD10	0.0315448	0.581284	0.711365	-1.40575	0.613418	1.36543	1.36543	0.693807	1.27359	1.27359	0.0310076	0.212636	-4.70288	0.13626	2.668251	2.668251	0.190484	2.3341	2.3341	0.134452	2.68248	2.68248	0.00359524	0.0897753	-11.1389	0.38769	1.71828	1.71828	0.410439	23.7666	5.26253	1
cg01568919	FZD10	0.0188784	0.1387863	0.709709	-1.40915	0.2388436	0.611393	-1.63505	0.0119542	2.47449	2.47449	0.0119942	2.47449	2.47449	0.0119942	2.47449	2.47449	0.0190464	2.3645	2.3645	0.0074061	3.37553	3.37553	0.00798961	3.8795	3.8795	0.0465097	2.83861	2.83861	3.78185	43.7604	10.4384	1
cg18209212	FZD10	0.0399569	0.2510062	0.474875	-2.10582	0.632214	1.35097	1.35097	0.474225	0.635067	-1.57464	0.741515	0.813429	-1.22936	0.7472	1.22355	1.22355	0.930666	0.947159	-1.05579	0.000713268	0.0401485	-24.9075	0.684312	1.29048	1.29048	0.4518421	1.61314	1.61314	3.6846	22.7109	5.47887	1
cg27232145	FZD10;FZD10	0.684-05	0.0743234	1.24193	1.24193	0.1499499	1.14999	1.14999	0.00100862	1.72664	1.72664	0.0310193	1.8902353	1.8902353	0.0219091	1.153222	1.153222	0.215641	1.15257	1.15257	0.0113575	1.567307	1.567307	5.76452	5.76452	0.0266442	1.33133	1.33133	15.4737	6.67012	0.1677138	1
cg13859208	FZD10;FZD10	0.0071927	0.00624198	2.020449	-4.53619	0.6559799	0.417136	-2.3973	0.0058424	2.01659	-1.61701	0.0558253	0.395345	-2.52944	0.0031037	0.1127414	-7.8464	0.180776	0.547518	-1.82642	0.0159667	0.286336	-4.9924	0.00352164	0.186881	-5.35101	0.0426659	0.171892	2.68896	6.55742	18.6602	2.52947	1
cg17497608	FZD1;FZD1	0.0220076	0.10534	4.13686	4.13686	0.00318079	41.3518	41.3518	0.0227318	8.91758	8.91758	0.0868123	4.56177	4.56177	0.073342	4.96467	4.96467	0.0679022	5.15982	5.15982	0.0195718	9.61944	9.61944	0.0364051	7.04105	7.04105	0.0421817	6.54232	6.54232	6.5534	46.499	9.06555	1
cg01480180	FZD1;FZD1	0.0190731	0.065418	3.07499	3.07499	0.0121433	2.54	2.54	0.0113444	3.08040225	3.08040225	0.0040525	4.07054	4.07054	0.0040525	4.07054	4.07054	0.0107173	4.08444	4.08444	0.0044606	8.05071	8.05071	0.0275467	7.74388	7.74388	0.0601063	5.28915	5.28915	3.71502	36.2965	8.68462	1
cg01648481	FZD2	0.00551098	0.314427	0.54553	-1.80333	0.7182	1.22801	1.22801	0.00345509	0.94089	0.94089	0.487404	1.00455	1.00455	0.591588	0.755666	-1.35931	0.0654985	3.22746	3.22746	0.357535	1.67405	1.67405	0.000168156	37.6958	37.6958	0.546666	1.41303	1.41303	7.12319	36.2415	4.5225	1
cg25228126	FZD2	0.0143552	0.4135562	1.29354	1.29354	0.3611641	1.24565	1.24565	0.0836807	1.36355	1.36355	0.0836807	1.35535	1.35535	0.0836807	1.36355	1.36355	0.1760163	2.74663	2.74663	0.0577242	4.22025	4.22025	0.0131792	2.97583	2.97583	0.1192118	1.84766	1.84766	3.98341	3.74868	1.481868	1
cg10624665	FZD2	0.0142332	0.0274736	4.99247	4.99247	0.626025	5.35368	5.35368	0.125853	2.77668	2.77668	0.0995979	3.04311	3.04311	0.0122955	6.83818	6.83818	0.0631802	3.6273	3.6273	0.000990237	20.4406	20.4406	0.00707391	8.55132	8.55132	0.0628049	3.6356	3.6356	5.27117	31.7393	5.35227	1
cg20301962	FZD2	0.0142848	0.0259497	2.39268	2.39268	0.0585281	2.02454	2.02454	0.0597154	2.01621	2.01621	0.0432826	2.1537	2.1537	0.0200626	2.52399	2.52399	0.0201589	2.521547	2.521547	0.0190461	4.68786	4.68786	0.0115582	2.83546	2.83546	0.0340713	2.2621	2.2621	5.26489	9.08179	1.53331	1
cg09392196	FZD2	0.0417676	0.0491979	3.52752	3.52752	0.0438151	1.54647	1.54647	0.0776466	2.01095	2.01095	0.0388744	1.88794	1.88794	0.0388744	2.01095	2.01095	0.0340259	3.02708	3.02708	0.0183107	5.32276	5.32276	0.0076524	4.13511	4.13511	0.0407719	3.02792	3.02792	4.90678	40.7801	8.10259	1
cg17049621	FZD2	0.0265501	0.0596638	4.25143	4.25143	0.148517	2.87278	2.87278	0.140572	2.94318	2.94318	0.0557088	4.37663	4.37663	0.17986	2.63788	2.63788	0.0340195	5.39229	5.39229	0.00162455	21.657	21.657	0.0129506	8.16972	8.16972	0.0444534	4.8149	4.8149	4.26671	31.3355	6.52815	1
cg04046704	FZD3	0.0153569	0.0936613	3.37321	3.37321	0.00115811	21.2781	21.2781	0.0135065	3.94426	3.94426	0.105083	2.80254	2.80254	0.0105295	3.94426	3.94426	0.0440016	3.00946	3.00946	0.0145466	10.0715	10.0715	0.0041907	6.24843	6.24843	0.03156	3.05163083	3.14641	3.14641	4.98229	2.62625	0.2653773	1
cg09049417	FZD3	0.0077362	0.0113949	3.04565	3.04565	0.0246155	0.390159	-2.56306	0.238126	1.54421	1.54421	0.0151479	2.85557	2.85557	0.0147353	2.55874	2.55874	0.0426011	2.72256	2.72256	0.0976728	0.527821	-1.89458	0.0021005	2.68112	2.68112	0.0144277	2.87805	2.87805	4.31766	12.5557	1.74076	1
cg26762173	FZD3	0.0103736	0.2924951	0.780781	-1.28077	0.7973382	0.943171	-1.06003	0.892774	1.03103	1.03103	0.402938	0.823705	-1.21403	0.160821	0.712194	-1.40411	0.2172143	0.745162	-1.34199	0.000124006	0.21953	-4.55519	0.4235111	1.17961	1.17961	0.7547231	0.931453	-1.07359	5.8416	4.75001	0.7227874	1
cg16729609	FZD3	0.0208059	0.0208059	2.68676	2.68676	0.0134	1.28334	1.28334	0.0836376	1.76746	1.76746	0.0836376	1.76746	1.76746	0.0836376	1.76746	1.76746	0.0690968	1.10846	1.10846	0.0819319	2.39681	2.39681	0.0132314	1.54678	1.54678	0.0822894	1.60532	1.60532	4.18886	1.20212	0.1790808	1
cg00419246	FZD3	0.0453703	0.5242	0.688834	-1.45161	0.1703014	0.7616	0.7616	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	0.1760163	1.29955	1.29955	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	4.18886	1.20212	0.1790808	1
cg00419246	FZD3	0.0453703	0.5242	0.688834	-1.45161	0.1703014	0.7616	0.7616	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	0.1760163	1.29955	1.29955	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	0.0824205	1.23717	1.23717	4.18886	1.20212	0.1790808	1
cg03037761	FZD4	0.00874222	0.2574	0.63076	-1.58539	0.1840606	0.34972	0.34972	0.0164725	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1314034	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg10248584	FZD4	0.00937301	0.0512477	0.68602	-1.45768	0.0774422	0.716608	-1.39546	0.275756	1.21126	1.21126	0.732611	1.06238	1.06238	0.239467	0.811293	-1.2326	0.415319	1.15183	1.15183	0.000380782	2.62049	2.62049	0.323766	0.841125	-1.18888	0.571263	0.907431	-1.10201	0.03999	2.75435	0.4057513	1
cg01599792	FZD4	0.0130353	0.1882421	0.75479	-1.32479	0.2124133	1.21313	1.21313	0.0076035	1.58546	1.58546	0.590802	0.938272	-1.06574	0.489134	1.08727	1.08727	0.162836	0.8396	-1.19138	0.00316351	0.594765	-1.68134	0.0126657	1.74738	1.74738	0.0601063	1.28915	1.28915	3.71502	36.2965	8.68462	1
cg01648481	FZD2	0.00551098	0.314427	0.54553	-1.80333	0.7182	1.22801	1.22801	0.00345509	0.94089	0.94089	0.487404	1.00455	1.00455	0.591588	0.755666	-1.35931	0.0654985	3.22746	3.22746	0.357535	1.67405	1.67405	0.000168156	37.6958	37.6958	0.546666	1.41303	1.41303	7.12319	36.2415	4.5225	1
cg25228126	FZD2	0.0142332	0.4135562	1.29354	1.29354	0.3611641	1.24565	1.24565	0.0836807	1.36355	1.36355	0.0836807	1.35535	1.35535	0.0836807	1.36355	1.36355	0.1760163	2.74663	2.74663	0.0577242	4.22025	4.22025	0.0131792	2.97583	2.97583	0.1192118	1.84766	1.84766	3.98341	3.74868	1.481868	1
cg20837942	FZD4	0.0159299	0.0511993	0.686141	-1.45743	0.183944	1.1949	1.1949	0.474069	0.9114	0.9114	0.109435	0.813559	-1.22917	0.00842964	0.653775	-1.52958	0.0107002	0.666805	-1.49969	0.172917	1.20108	1.20108	0.874272	1.02021	1.02021	0.0875996	1.2689	1.2689	5.0784	1.28351	0.224657	1
cg02873420	FZD4;FZD4	0.00366372	0.0009423	0.5821	-1.71842	0.1432	1.1452	1.1452	0.0156889	1.33221	1.33221	0.107705	0.9	1.0	0.0156889	1.33221	1.33221	0.1760163	1.37801	1.37801	0.1838807	1.14044	1.14044	0.1	1.13616	1.13616	0.5359528	1.09554	1.09554	4.40305	1.41607	0.2481825	1
cg02873420	FZD4;FZD4	0.0076143	0.5955	0.26921	-3.71421	0.0769392	0.782187	-1.27847	0.157019	0.827757	-1.20808	0.0490173	1.32405	1.32405	0.340192	1.13063	1.13063	0.692297	1.05093	1.05093	0.0150284	1.30417	1.30417	0.159589	1.23447	1.23447	0.595589	1.0932284	1.09323	-1.06919	0.2260404	1.854131	-1.17078	12.7073	1.13954	0.2109613	1
cg01574741	FZD5	0.00405313	0.221108	0.747359	-1.33805	0.0089778	1.01961	1.01961	0.0031058	0.371105	-2.69466	0.0173407	0.518891	-1.92719	0.0318232	1.7676	1.7676	0.293819	1.276353	1.276353	0.0442594	2.26121	2.26121	0.0042332	1.76126	1.76126	0.0318232	1.76126	1.76126	4.29731	6.34943	0.721611	1
cg01201797	FZD5	0.0106156	0.02898	1.54564	1.54564	0.0408714	1.36388	1.36388	0.0466472	1.34855	1.34855	0.0466472	1.34855	1.34855	0.0466472	1.34855	1.34855	0.0703157	1.34855	1.34855	0.0466472	1.34855	1.34855	0.0466472	1.34855	1.34855	0.0466472	1.34855	1.34855	4.29731	6.34943	0.721611	1
cg18991601	FZD5	0.00972819	0.0364573	0.96258	0.96258	0.0286796	10.3789	10.3789	0.0432018	8.23596	8.23596	0.262381	2.88471	2.88471	0.013849	0.06346811	-15.7559	0.0348291	9.29922	9.29922	0.00875081	20.648	20.648	0.011873	17.2387	17.2387	0.0471402	7.84123	7.84123	5.96289	77.6165	11.5703	1
cg15714846	FZD5	0.0151656	0.0936613	3.37321	3.37321	0.00115811	21.2781	21.2781	0.0135065	3.94426	3.94426	0.105083	2.80254	2.80254	0.0105295	3.94426	3.94426	0.0158889	7.01326	7.01326	0.0030043	23413	23413	0.0018006	8.85727	8.85727	0.0159554	6.26176	6.26176	5.15245	35.5961	6.12314	1
cg05774672	FZD5	0.0317886	0.0805707	2.76104	2.76104	0.0063184	4.6465	4.6465	0.0250801	4.04098	4.04098	0.0348744	3.67656	3.67656	0.113562	2.46526	2.46526	0.0233692	4.13604	4.13604	0.0207756	4.29978	4.29978	0.0143514	5.41428	5.41428	0.164199	2.67675	2.67675	4.03036	17.4117	3.86602	1
cg13657659	FZD5	0.0341256	0.0460592	1.58461	1.58461	0.210795	1.3041	1.3041	0.236221	1.28394	1.28394	0.0272498	1.69242	1.69242	0.022605	1.73286	1.73286	0.1190158	1.40588	1.40588	0.00164757	2.47763	2.47763	0.494773	1.14982	1.14982	0.740176	1.06931	1.06931	3.90265	2.50636	0.5708663	1
cg09676547	FZD5	0.0053251	0.0958206	1.52855	1.52855	0.0253513	1.53254	1.53254	0.0146572	0.715336	-1.39795	0.156275	0.503711	-1.98526	0.479636	0.722578	1.38393	0.412186	1.461	1.461	0.0014158	0.123844	0.807466	0.15948	1.97342	1.97342	0.276684	0.599539	-1.66795	3.54269	1.41714	2.37828	1
cg10929921	FZD6;FZD6;FZD6	0.906-05	0.0015354	0.58128	-1.72057	0.0148344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg13266771	FZD6;FZD6;FZD6	0.00106305	0.00209388	0.35585	-2.81017	0.132508	0.678778	-1.47324	0.00333593	0.38536	-2.59498	0.107756	0.657749	-1.52034	3.42E-05	0.147465	6.78128	0.0368719	0.560651	-1.78364	0.00287125	0.375719	-2.66156	0.0623761	1.60610	-1.64987	0.0061521	0.426088	-2.34693	11.5641	10.4348	0.802086	1
cg09020649	FZD6;FZD6;FZD6	0.00124645	8.19E-05	0.12243	-8.16793	0.717917	0.11328	0.11328	0.00223946	0.281944	-3.5468	0.368668	0.760988	-1.31408	0.00741705	0.219745	-5.55072	0.031763	0.474914	-2.10564	0.671913	0.8815598	-1.1343	0.00647855	0.350988	-2.8491	0.0225554	0.445727	-2.24352	11.0513	15.1644	1.23195	1
cg00161459	FZD6;FZD6;FZD6	0.0174153	0.1145514	0.40558	-2.46501	0.1702614	0.31088	-3.21696	0.0106	0.183179	-5.45936	0.0111199	0.202044	-4.93217	0.0033748	0.194601	-5.14021	0.0204155	0.490752	-2.03769	0.0250314	0.377569	0.849024	-1.17782	0.191395	1.28408	1.28408	0.0225534	0.6115533	-1.63524	0.6316132	1.09124	1.09124	5.52943	1.82661	0.460034	1
cg04155571	FZD6;FZD6;FZD6;FZD6	0.00695063	0.0051101	0.275123	-3.63657	0.439677	0.719297	-1.39025	0.0115853	0.268891	-3.71871	0.0973066	0.967341	-1.03397	0.00534894	0.153657	-6.5047	0.133	0.787817	-1.26939	0.0070566	0.4473437	2.23599	0.0053849	0.4473437	2.23599	0.0053849	0.4473437	2.23599	0.0053849	0.4473437	2.23599	0.0053849	1
cg00947605	FZD6;FZD6;FZD6;FZD6	0.0463081	0.0681566	0.497729	-2.00913	0.2467026	2.40085	2.40085	0.0195114	0.623537	-1.60375	0.0701458	0.500786	-1.99686	0.0114567	0.339361	-2.94672	0.781908	1.09943	1.09943	0.0909242	1.88916	1.88916	0.83758	1.0559	1.0559	0.206025	0.67309	1.48569	1.48783	4.64561	1.64269	1
cg23246885	FZD7	0.00209151	0.0039048	3.81702	3.81

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25404454	GAB1;GAB1	0.0444497	0.134496	0.440755	-2.26883	0.113574	0.417229	-2.39677	0.0105187	0.195076	-5.1262	0.310736	1.70316	1.70316	0.529859	0.723898	-1.38141
cg07701375	GAB1;GAB1;GAB1;GAB1	0.000230212	0.526131	0.904909	-1.10508	1.51E-05	0.247915	-4.03365	0.701124	0.941775	-1.06183	0.197164	1.23625	1.23625	0.514937	1.10818	1.10818
cg11081272	GAB2	5.75E-05	0.000232874	0.22004	-4.54463	0.105562	1.55024	1.55024	0.0343918	1.84383	1.84383	0.845139	1.04968	1.04968	1.22E-05	0.101444	-9.85768
cg01102379	GAB2	0.000342836	0.0021058	0.428166	-2.33554	0.00525918	0.485857	-2.05822	0.0141504	1.81092	1.81092	0.94997	1.01238	1.01238	0.000455312	0.338482	-2.95436
cg12700464	GAB2	0.000575543	0.304456	0.900908	-1.10999	0.000911887	1.62666	1.62666	0.0178687	1.32639	1.32639	0.846866	1.01915	1.01915	0.0479687	1.24836	1.24836
cg13165758	GAB2	0.00113732	0.00255119	0.591634	-1.69023	0.243948	0.858244	-1.16517	0.261467	0.863428	-1.15817	0.08358	0.786513	-1.27143	0.00275993	0.595828	-1.67834
cg05100279	GAB2	0.00940637	0.150766	1.36145	1.36145	0.00104458	0.378239	-2.64383	0.186877	0.755538	-1.32356	0.0702895	1.4999	1.4999	0.159117	1.35191	1.35191
cg10042298	GAB2;GAB2	0.0174199	0.0205188	0.177392	-5.63723	0.00256489	0.0749437	-13.3433	0.00842362	0.124336	-8.04275	0.243549	0.469529	-2.12979	0.0110112	0.138602	-7.21488
cg26672202	GAB2;GAB2	0.026885	0.373184	0.656652	-1.52288	0.00685639	0.199703	-5.00745	0.0405075	0.336734	-2.96971	0.079643	0.408611	-2.44731	0.74436	0.860243	-1.16246
cg11681617	GAB3;GAB3	0.0125771	0.0287046	0.377506	-2.64896	0.0238263	2.76828	2.76828	0.0436784	0.416657	-2.40006	0.139048	1.82418	1.82418	0.114444	0.522996	-1.91206
cg11452781	GAB3;GAB3	0.0470829	0.00664069	0.325204	-3.07499	0.0502214	0.490753	-2.03769	0.778254	1.0942	1.0942	0.0378803	2.15474	2.15474	0.351739	0.736693	-1.35742
cg27450976	GAB4	3.14E-06	5.94E-06	2.77952	2.77952	2.01E-07	0.203986	-4.9023	0.95462	0.994294	-1.00574	0.00105015	1.62825	1.62825	0.0165303	1.34238	1.34238
cg12370326	GAB4	4.22E-05	0.0559967	0.751159	-1.33128	0.251648	0.853591	-1.17152	0.671029	0.945092	-1.0581	0.0645633	1.31579	1.31579	1.95E-06	0.210871	-4.74224
cg11943959	GAB4	0.00014736	0.110297	1.42635	1.42635	1.08E-05	0.147271	-6.79019	0.214995	0.766181	-1.30517	0.628003	1.10476	1.10476	0.0157641	1.82885	1.82885
cg04561937	GAB4	0.000201904	5.97E-05	0.20284	-4.92999	0.671683	0.912442	-1.09596	0.452483	1.17881	1.17881	0.873614	0.966364	-1.03481	0.000312813	0.284748	-3.51188
cg06123976	GAB4	0.000203403	0.103679	0.822441	-1.21589	0.230768	1.14809	1.14809	0.330984	1.11649	1.11649	0.815966	1.02594	1.02594	8.86E-06	0.346965	-2.88213
cg19410143	GAB4	0.000259912	0.442412	0.89966	-1.11153	0.663882	0.942679	-1.06081	0.301057	0.865313	-1.15565	0.0147579	0.666909	-1.49945	0.000139681	0.411445	-2.43046
cg20556786	GAB4	0.000303333	0.00855001	0.530562	-1.8848	0.0635124	0.674238	-1.48316	0.000486635	0.355983	-2.80912	0.127364	1.36543	1.36543	6.79E-06	0.151579	-6.5972
cg20353484	GAB4	0.000630788	0.0273624	0.530926	-1.8835	0.451836	0.830339	-1.20433	0.0370182	0.555764	-1.79933	0.301945	1.29614	1.29614	0.00332987	0.379348	-2.6361
cg19091146	GAB4	0.000958483	0.79172	1.03288	1.03288	0.557292	0.930015	-1.07525	0.690673	0.952281	-1.05011	0.98719	0.998039	-1.00196	0.0166822	1.42937	1.42937
cg02432860	GAB4	0.00315138	0.864043	0.96651	-1.03465	0.736956	0.935191	-1.0693	0.619396	0.905268	-1.10465	0.000449883	0.332958	-3.00338	0.461808	0.86166	-1.16055
cg11209279	GABARAP	1.82E-05	0.000158942	1.32286	1.32286	0.140162	1.0712	1.0712	0.394484	0.962909	-1.03852	0.0285299	1.1185	1.1185	0.000235748	1.3023	1.3023
cg09949713	GABARAP	0.00211204	0.00376999	3.30085	3.30085	0.0011086	0.230352	-4.34118	0.00923289	2.74392	2.74392	0.527548	0.822402	-1.21595	0.0241832	0.439986	-2.2728
cg00731948	GABARAP	0.00213818	0.635583	0.936986	-1.06725	0.10102	1.27745	1.27745	0.000440832	2.13129	2.13129	0.559468	0.922684	-1.08379	0.460997	0.902732	-1.10775
cg19646165	GABARAP	0.00241764	0.00419447	0.426468	-2.34484	0.122211	1.45093	1.45093	0.00117572	2.88033	2.88033	0.138767	1.4249	1.4249	0.0976234	0.667738	-1.49759
cg10230466	GABARAP	0.00813277	0.214978	0.734417	-1.36162	0.279171	1.30483	1.30483	0.019274	1.95311	1.95311	0.0559393	0.599253	-1.66875	0.473821	1.188	1.188
cg13626544	GABARAP	0.0214495	0.713366	1.11991	1.11991	0.312509	1.38008	1.38008	0.192118	1.53305	1.53305	0.00328223	0.274466	-3.64344	0.0208326	0.415247	-2.4082
cg25737491	GABARAP	0.0330561	0.273621	0.572625	-1.74634	0.480052	0.703755	-1.42095	?	?	?	0.0743485	0.377944	-2.6459	?	?	?
cg18684595	GABARAPL1	0.000609197	0.000487513	0.33964	-2.94429	0.0227239	1.71386	1.71386	0.454784	0.860345	-1.16232	0.0690329	1.49476	1.49476	0.00120411	0.391795	-2.55235
cg12149272	GABARAPL1	0.00401548	0.00209073	0.180148	-5.55098	0.671679	0.84471	-1.18384	0.910275	1.04563	1.04563	0.116753	0.509359	-1.96325	0.811196	1.09936	1.09936
cg13300549	GABARAPL1;GABARAPL1	0.0131334	0.0523078	0.695359	-1.43811	0.0833372	1.37103	1.37103	0.0154115	1.63135	1.63135	0.63711	1.08137	1.08137	0.01081	0.590361	-1.69388
cg07261196	GABARAPL2	0.00143868	0.233506	1.1938	1.1938	0.645048	0.936334	-1.06799	6.26E-05	2.84546	2.84546	0.00477224	1.70118	1.70118	0.361443	0.875427	-1.1423
cg00294149	GABARAPL2	0.00462921	0.0382231	0.624396	-1.60155	0.0145145	0.554073	-1.80482	0.128138	0.724327	-1.38059	0.00589207	0.493356	-2.02693	0.0027741	0.445315	-2.2456
cg13906548	GABARAPL2	0.0235406	0.0336712	0.624881	-1.6003	0.0814283	1.44206	1.44206	0.00723372	1.92873	1.92873	0.259203	0.800036	-1.24994	0.52238	0.884368	-1.13075
cg00470924	GABARAPL2	0.0241926	0.0564307	0.456458	-2.19078	0.314878	0.689375	-1.45059	0.0163954	2.94075	2.94075	0.982175	0.992077	-1.00799	?	?	?
cg27279586	GABARAPL2	0.0352842	0.254976	0.665989	-1.50153	0.398652	1.34385	1.34385	0.652489	1.16769	1.16769	0.664966	1.1607	1.1607	0.00127739	0.200572	-4.98573
cg16785213	GABARAPL2	0.0432229	0.139559	0.347728	-2.87581	0.66513	0.748757	-1.33555	0.490351	0.627821	-1.59281	0.0617112	0.247061	-4.04758	0.0023631	0.0597468	-16.7373
cg12946560	GABARAPL3	0.00167143	0.00027512	0.283026	-3.53324	0.00205234	0.398405	-2.51001	0.652662	0.908471	-1.10075	0.0256601	0.570297	-1.75347	0.00372434	0.435998	-2.29359
cg03857502	GABARAPL3	0.00375685	0.690454	1.09066	1.09066	0.00042441	0.298145	-3.35408	0.201031	0.746204	-1.34012	0.239631	0.765714	-1.30597	0.00349693	2.36058	2.36058
cg09212610	GABARAPL3	0.00717184	0.0224298	1.43724	1.43724	0.018697	0.685252	-1.45932	0.936419	0.989475	-1.01064	0.139185	0.809706	-1.23502	0.167855	0.822885	-1.21524
cg03599575	GABARAPL3	0.0107572	0.0867757	0.799472	-1.25083	0.36607	1.11613	1.11613	0.0174675	0.710132	-1.40819	0.228965	1.16111	1.16111	0.0163387	1.41529	1.41529
cg04176472	GABARAPL3	0.0399362	0.0881872	1.34023	1.34023	0.339305	0.85788	-1.16566	0.440912	0.884865	-1.13012	0.186137	0.80399	-1.2438	0.0911179	0.748531	-1.33595
cg17851017	GABBR1;GABBR1	0.00572097	0.457603	0.868302	-1.15167	0.529079	0.88777	-1.12642	0.221633	1.27103	1.27103	0.419105	0.857166	-1.16664	0.066959	0.68156	-1.46722
cg09749751	GABBR1;GABBR1	0.0329254	0.910008	0.976383	-1.02419	0.680277	1.09154	1.09154	0.495771	1.15743	1.15743	0.233637	1.30207	1.30207	0.530657	1.14369	1.14369
cg05661333	GABBR1;GABBR1	0.0337212	0.355402	1.13557	1.13557	0.0593514	0.752267	-1.32931	0.282072	1.16125	1.16125	0.0258546	0.70199	-1.42452	0.791399	0.96517	-1.03609
cg25804470	GABBR1;GABBR1	0.03712	0.00277957	0.601027	-1.66382	0.238077	1.16481	1.16481	0.0349745	1.35435	1.35435	0.441481	1.10174	1.10174	0.938126	0.990462	-1.00963
cg25504668	GABBR1;GABBR1;GABBR1	8.47E-05	0.551667	1.08891	1.08891	5.94E-05	2.85943	2.85943	0.013741	1.53861	1.53861	0.032737	1.42385	1.42385	1.58E-05	0.283503	-3.52729
cg17930583	GABBR1;GABBR1;GABBR1	0.000120138	0.524338	1.12692	1.12692	0.00867053	1.85823	1.85823	0.46885	1.14624	1.14624	0.00836908	0.535826	-1.86628	7.07E-05	0.261247	-3.8278
cg06872047	GABBR1;GABBR1;GABBR1	0.000173142	0.00146389	0.461428	-2.16719	0.119506	0.752467	-1.32896	0.854997	0.969673	-1.03128	0.000158267	0.337029	-2.9671	0.000171523	0.341312	-2.92987
cg15242223	GABBR1;GABBR1;GABBR1	0.000194878	0.000174493	0.426031	-2.34725	0.0092939	1.55594	1.55594	0.000595066	0.491593	-2.0342	0.0024038	1.76201	1.76201	0.45488	0.903058	-1.10735
cg18656132	GABBR1;GABBR1;GABBR1	0.000898337	0.06231	0.611114	-1.63636	0.713826	0.917186	-1.09029	0.10621	1.51296	1.51296	0.000312288	3.94329	3.94329	0.00155782	0.343939	-2.90749
cg00806253	GABBR1;GABBR1;GABBR1	0.000978815	0.419511	1.14264	1.14264	0.0185984	1.58609	1.58609	0.253535	1.21261	1.21261	0.0360859	1.48302	1.48302	0.000223213	0.370369	-2.70001
cg03810301	GABBR1;GABBR1;GABBR1	0.00128672	0.200264	0.757782	-1.31964	0.00849448	1.99102	1.99102	0.00850221	0.502317	-1.99077	0.0655124	1.5277	1.5277	0.0125384	0.529087	-1.89005
cg04369302	GABBR1;GABBR1;GABBR1	0.0014855	0.000345243	0.322373	-3.102	0.104927	1.4167	1.4167	0.345597	0.826175	-1.2104	0.034671	1.6227	1.6227	0.186051	0.759112	-1.31733
cg07169712	GABBR1;GABBR1;GABBR1	0.0016294	0.0444747	0.656832	-1.52246	0.0152649	0.581244	-1.72045	0.414816	1.16395	1.16395	0.367403	1.18369	1.18369	0.000534866	0.374763	-2.66835
cg24640415	GABBR1;GABBR1;GABBR1	0.00235483	0.0630561	0.691769	-1.44557	0.325099	1.19612	1.19612	0.124406	0.745867	-1.34072	0.282844	0.821464	-1.21734	8.56E-05	0.288403	-3.46737
cg00594408	GABBR1;GABBR1;GABBR1	0.00279901	0.296817	0.92694	-1.07882	0.594092	1.03845	1.03845	0.000325452	1.50305	1.50305	0.0364471	1.18595	1.18595	0.879825	1.01067	1.01067
cg20997792	GABBR1;GABBR1;GABBR1	0.0028365	0.285776	0.928767	-1.0767	0.00433126	1.2894	1.2894	0.183022	0.910119	-1.09876	0.0631768	1.14946	1.14946	0.0134643	1.22622	1.22622
cg03063857	GABBR1;GABBR1;GABBR1	0.00316609	0.279419	1.2486	1.2486	0.0024937	0.436195	-2.29255	0.00280606	0.443539	-2.2546	0.619538	1.10387	1.10387	0.0926844	1.44096	1.44096
cg23908638	GABBR1;GABBR1;GABBR1	0.0033061	0.0130604	0.340678	-2.93532	0.00658708	0.288367	-3.4678	0.113622	0.55476	-1.80258	0.149746	0.590164	-1.69444	0.00109988	0.176571	-5.66345
cg25729445	GABBR1;GABBR1;GABBR1	0.00348765	0.982837	1.00282	1.00282	0.474091	0.909145	-1.09993	0.000533787	2.02434	2.02434	0.00149769	1.82	1.82	0.622168	1.06714	1.06714
cg21022792	GABBR1;GABBR1;GABBR1	0.00455117	0.0391574	1.40719	1.40719	0.00799252	1.62662	1.62662	0.102206	1.29171	1.29171	0.197096	1.2155	1.2155	0.361764	1.14358	1.14358
cg15385139	GABBR1;GABBR1;GABBR1	0.00506347	0.0170793	0.778048	-1.28527	0.661638	1.03875	1.03875	0.00487478	1.38008	1.38008	0.419697	0.931305	-1.07376	0.90303	0.989534	-1.01058
cg02928278	GABBR1;GABBR1;GABBR1	0.00603898	0.423127	0.830972	-1.20341	0.0242255	1.8368	1.8368	0.704772	0.917459	-1.08997	0.208803	1.34966	1.34966	0.000948059	0.32783	-3.05036
cg00923678	GABBR1;GABBR1;GABBR1	0.00618581	0.202523	0.570628	-1.75246	0.000553423	9.34824	9.34824	0.00969108	3.91425	3.91425	0.0052368	4.64482	4.64482	0.641421	0.822367	-1.216
cg12074883	GABBR1;GABBR1;GABBR1	0.00660571	0.460832	1.08755	1.08755	0.00119565	1.70024	1.70024	0.0348785	1.31636	1.31636	0.0940197	1.22854	1.22854	0.0103703	0.697049	-1.43462
cg03906120	GABBR1;GABBR1;GABBR1	0.0075042	0.0581765	0.807008	-1.23914	0.0136439	0.736715	-1.35738	0.0123006	0.731806	-1.36648	0.0611699	1.23528	1.23528	0.00233286	0.65334	-1.5306
cg02681389	GABBR1;GABBR1;GABBR1	0.00768208	0.717714	0.910582	-1.0982	0.0670001	1.69849	1.69849	0.0412275	1.83599	1.83599	0.00675071	2.47462	2.47462	0.0299119	0.517303	-1.9331
cg12257233	GABBR1;GABBR1;GABBR1	0.00885441	0.00735819	0.369074	-2.70948	0.0104923	0.394798	-2.53294	0.558337	0.842988	-1.18626	0.301292	0.734154	-1.36211	0.00107728	0.248267	-4.02792
cg01176329	GABBR1;GABBR1;GABBR1	0.0118829	0.760498	0.911103	-1.09757	0.000932596	4.50192	4.50192	0.322057	1.36547	1.36547	0.0511558	1.96653	1.96653	0.0202993	0.42656	-2.34433
cg02014853	GABBR1;GABBR1;GABBR1	0.0132967	0.225681	1.58154	1.58154	0.0186818	0.358088	-2.79261	0.00521777	3.77286	3.77286	0.143145	1.76281	1.76281	0.721054	0.878825	-1.13788
cg20806676	GABBR1;GABBR1;GABBR1	0.0155155	0.0294251	0.178079	-5.61548	0.0016028	0.0475954	-21.0105	0.0624139	0.243911	-4.09986	0.442245	0.590308	-1.69403	0.0311068	0.182284	-5.48593
cg04517749	GABBR1;GABBR1;GABBR1	0.0172915	0.940712	0.985593	-1.01462	0.0453794	1.56488	1.56488	0.0139864	1.80785	1.80785	0.618043	0.90658	-1.10305	0.0152987	0.559376	-1.78771
cg12083232	GABBR1;GABBR1;GABBR1	0.0174773	0.979788	1.00432	1.00432	0.65855	0.927128	-1.0786	0.0363118	1.51296	1.51296	0.638332	1.08388	1.08388	0.00221674	0.482201	-2.07382
cg00667298	GABBR1;GABBR1;GABBR1	0.0175532	0.0268341	0.365475	-2.73616	0.00155488	0.174481	-5.73128	0.0262321	0.363487	-2.75113	0.927412	0.965632	-1.03559	0.00857111	0.276085	-3.62207
cg12867320	GABBR1;GABBR1;GABBR1	0.018041	0.626639	1.12644	1.12644	0.119742	1.50679	1.50679	0.00192054	2.9058	2.9058	0.900636	1.0308	1.0308	0.504676	0.848387	-1.17871
cg03898786	GABBR1;GABBR1;GABBR1	0.0183408	0.222304	0.761249	-1.31363	0.695017	1.08742	1.08742	0.0101437	1.99317	1.99317	0.144329	1.3959	1.3959	0.0812019	0.662876	-1.50858
cg26272069	GABBR1;GABBR1;GABBR1	0.0196879	0.223344	0.604787	-1.65347	0.0119855	3.42813	3.42813	0.0387164	2.56238	2.56238	0.108637	1.98938	1.98938	0.0304253	0.367906	-2.71808
cg20642417	GABBR1;GABBR1;GABBR1	0.0216154	0.00484266	0.516919	-1.93454	0.351592	1.18448	1.18448	0.774542	1.05203	1.05203	0.208769	1.26365	1.26365	0.0100675	0.563513	-1.77458
cg12055610	GABBR1;GABBR1;GABBR1	0.0224194	0.0259076	1.51777	1.51777	0.685818	1.06627	1.06627	0.843852	0.969364	-1.0316	0.875613	0.975588	-1.02502	0.0306165	1.49297	1.49297
cg20067272	GABBR1;GABBR1;GABBR1	0.0225396	0.0142263	0.262561	-3.80864	0.496139	0.736702	-1.3574	0.424397	0.697151	-1.43441	0.0095345	4.27121	4.27121	0.0152308	0.267681	-3.73579
cg18977283	GABBR1;GABBR1;GABBR1	0.0232557	0.661623	0.861318	-1.16101	0.00138157	0.207593	-4.81713	0.0343435	0.433105	-2.30891	0.476688	0.782478	-1.27799	0.0342148	0.432762	-2.31074
cg23742601	GABBR1;GABBR1;GABBR1	0.0239394	0.107767	0.772172	-1.29505	0.00461055	1.74265	1.74265	0.908299	1.01712	1.01712	0.0156094	1.54769	1.54769	0.297856	0.853012	-1.17232
cg04615964	GABBR1;GABBR1;GABBR1	0.0244183	0.624171	1.14349	1.14349	0.245566	1.39067	1.39067	0.651882	1.13125	1.13125	0.0111994	0.421866	-2.37042	0.357488	0.773399	-1.29299
cg27527874	GABBR1;GABBR1;GABBR1	0.025479	0.143932	0.573727	-1.74299	0.4269	1.33254	1.33254	0.0836974	1.9688	1.9688	0.0501914	2.20368	2.20368	0.220468	0.633886	-1.57757
cg04960880	GABBR1;GABBR1;GABBR1	0.0262338	0.00377405	0.322213	-3.10354	0.797985	1.07715	1.07715	0.690239	0.890409	-1.12308	0.313666	1.35249	1.35249	0.0152821	0.421902	-2.37022
cg27406070	GABBR1;GABBR1;GABBR1	0.0269412	0.556015	1.20173	1.20173	0.0195589	0.418674	-2.3885	0.079688	0.548711	-1.82245	0.00484776	3.16706	3.16706	0.186286	0.64896	-1.54093
cg20704972	GABBR1;GABBR1;GABBR1	0.0283117	0.485041	1.1919	1.1919	0.00169808	3.03204	3.03204	0.0723421	1.64241	1.64241	0.29849	1.30557	1.30557	0.0777484	1.62423	1.62423
cg12248981	GABBR1;GABBR1;GABBR1	0.0285831	0.187988	0.757814	-1.31959	0.440338	0.8552	-1.16932	0.757192	0.940217	-1.06358	0.434259	1.17186	1.17186	0.00146794	0.401399	-2.49129
cg10110652	GABBR1;GABBR1;GABBR1	0.0293392	0.108253	0.74078	-1.34993	0.0149907	1.66883	1.66883	0.91144	0.981128	-1.01924	0.597759	1.09547	1.09547	0.203909	0.794838	-1.25812
cg14377523	GABBR1;GABBR1;GABBR1	0.0305024	0.0849964	0.721971	-1.3851	0.569411	0.906332	-1.10335	0.270291	0.821736	-1.21694	0.432582	0.871979	-1.14682	0.0566144	0.691354	-1.44644
cg04565490	GABBR1;GABBR1;GABBR1	0.0330986	0.853242	1.04649	1.04649	0.00441926	2.54046	2.54046	0.0431497	1.76993	1.76993	0.240866	1.35163	1.35163	0.0397682	0.558008	-1.79209
cg01373089	GABBR1;GABBR1;GABBR1	0.0418356	0.019535	0.280211	-3.56874	0.00524159	0.190141	-5.25926	0.215456	0.55559	-1.79989	0.28448	0.605807	-1.65069	0.0447682	0.353998	-2.82488
cg25437807	GABBR1;GABBR1;GABBR1	0.0455289	0.145846	0.459864	-2.17456	0.00498949	0.157433	-6.35192	0.0532578	0.335391	-2.98159	0.708794	0.829736	-1.2052	0.015338	0.22751	-4.39541
cg27474149	GABBR1;GABBR1;GABBR1	0.0459948	0.276199	0.667401	-1.49835	0.658019	1.17238	1.17238	0.227038	0.635865	-1.57266	0.140984	1.7599	1.7599	0.0022987	0.218465	-4.5774
cg14111380	GABBR1;GABBR1;GABBR1	0.0491052	0.0259634	0.30033	-3.32967	0.0346278	0.32594	-3.06805	0.583975	0.77751	-1.28616	0.209088	1.82676	1.82676	0.0191793	0.275366	-3.63153
cg06584566	GABBR2	0.000645425	0.000478678	0.539283	-1.85432	0.0550908	1.27766	1.27766	0.510335	0.927527	-1.07814	0.00133576	0.59131	-1.69116	4.87E-05	0.423025	-2.36393
cg00091794	GABBR2	0.00265578	0.544603	0.911775	-1.09676	0.429423	1.12918	1.12918	0.115822	0.773016	-1.29363	0.348445	1.1565	1.1565	0.00048345	0.43854	-2.28029
cg14017036	GABBR2	0.00273073	0.771712	1.04503	1.04503	0.00223734	0.523027	-1.91195	0.0125198	0.624792	-1.60053	0.194606	1.23091	1.23091	0.427684	0.884605	-1.13045
cg14411311	GABBR2	0.00978329	0.740582	0.951495	-1.05098	0.673463	1.06548	1.06548	0.986403	1.00255	1.00255	0.0132399	1.58321	1.58321	0.774365	1.04395	1.04395
cg13434352	GABBR2	0.037877	0.165173	0.801262	-1.24803	0.1101	0.770564	-1.29775	0.112583	1.295	1.295	0.769775	0.957029	-1.0449	0.595775	0.922998	-1.08343
cg13532463	GABBR2	0.0411571	0.537714	0.787919	-1.26917	0.658581	1.18514	1.18514	0.209459	0.603325	-1.65748	0.246915	1.58801	1.58801	0.0011854	0.162642	-6.14847
cg13570262	GABBR2	0.0447804	0.991597	1.00121	1.00121	0.014105	1.41774	1.41774	0.041638	1.31077	1.31077	0.291445	0.881504	-1.13443	0.351509	1.11681	1.11681
cg27123392	GABPB1;GABPB1	0.0337478	0.55372	0.903997	-1.1062	0.261015	0.820778	-1.21836	0.0163728	0.609948	-1.63948	0.0273827	0.644221	-1.55226	0.129296	0.758704	-1.31804
cg02917792	GABPB1;GABPB1;FLJ10038;GABPB1;GABPB1;LOC100129387;GABPB1	0.00205188	0.00615836	1.77271	1.77271	0.191484	0.80127	-1.24802	0.00085207	0.44799	-2.23219	0.58323	0.915051	-1.09284	0.736848	1.05552	1.05552
cg26390924	GABPB1;GABPB1;GABPB1;GABPB1;GABPB1	0.00105315	0.667553	0.917667	-1.08972	9.70E-05	0.252011	-3.96808	0.000201786	0.289401	-3.45542	0.598248	0.899665	-1.11152	0.0388501	0.621515	-1.60897
cg21595526	GABPB1;GABPB1;GABPB1;LOC100129387;GABPB1;FLJ10038;GABPB1;GABPB1;GABPB1;GABPB1;GABPB1;GA	0.00749861	?	?	?	?	?	?	0.157405	1.98568	1.98568	0.0151544	4.46289	4.46289	0.0108972	5.09648	5.09648
cg20320717	GABPB2	4.82E-05	0.000142215	0.696472	-1.43581	0.000311995	1.38036	1.38036	0.0837725	1.11127	1.11127	0.135499	1.09276	1.09276	6.11E-06	0.572171	-1.74773
cg16105380	GABPB2	0.00162626	0.001084	0.478567	-2.08957	0.303238	0.849656	-1.17695	0.0061247	0.578962	-1.72723	0.000234025	0.39369	-2.54007	0.108844	0.765537	-1.30627
cg13181291	GABPB2	0.00340783	0.374941	0.740533	-1.35038	0.0130671	0.362207	-2.76085	0.000323443	0.14687	-6.80873	0.569033	1.20907	1.20907	0.00254689	0.251311	-3.97913
cg19693494	GABPB2	0.0192427	0.00892046	0.508573	-1.96629	0.0992685	1.44373	1.44373	0.404015	1.1895	1.1895	0.0159893	0.549136	-1.82104	0.0203703	0.566554	-1.76506
cg11411707	GABPB2;GABPB2	0.00167161	0.00987155	0.801907	-1.24703	0.0125432	1.23397	1.23397	0.0822706	1.13921	1.13921	0.693645	0.973551	-1.02717	0.593467	1.03716	1.03716
cg03860992	GABRA1	0.00834217	0.0792972	0.423984	-2.35858	0.0820913	0.42805	-2.33618	0.0371576	0.344478	-2.90295	0.536298	0.758932	-1.31764	0.0173289	0.278985	-3.58442
cg24523000	GABRA1;GABRA1;GABRA1	0.025457	0.139445	2.78296	2.78296	0.00653097	9.72073	9.72073	0.080673	3.4789	3.4789	0.177313	0.397429	-2.51617	0.0892289	3.34029	3.34029
cg01086446	GABRA1;GABRA1;GABRA1	0.0271969	0.734858	0.844383	-1.1843	0.252055	1.81373	1.81373	0.664287	1.2427	1.2427	0.0513532	0.331565	-3.016	0.00194171	0.112869	-8.85986
cg02322252	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.000282864	0.242169	0.811747	-1.23191	0.000863277	2.34477	2.34477	2.46E-05	4.17811	4.17811	0.0345197	1.52203	1.52203	0.223717	0.804288	-1.24334
cg08399761	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.000943818	0.00162807	0.456057	-2.19271	0.476723	1.13409	1.13409	0.00835382	1.79702	1.79702	0.381233	1.16905	1.16905	0.000233076	0.345848	-2.89144
cg12340947	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.0156275	0.882297	1.05449	1.05449	0.978607	0.990444	-1.00965	0.480508	1.29364	1.29364	0.0623711	2.14961	2.14961	0.389992	1.3725	1.3725
cg00048832	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.0359689	0.741252	0.95928	-1.04245	0.792044	0.967391	-1.03371	0.637031	1.06144	1.06144	0.178759	1.19628	1.19628	0.107686	1.24639	1.24639
cg02065387	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.0414484	0.479574	0.856813	-1.16712	0.0126705	1.94692	1.94692	0.913583	1.02362	1.02362	0.219964	1.31959	1.31959	0.0327092	0.584325	-1.71137
cg06479604	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.0110419	0.888601	1.03693	1.03693	0.00252992	2.95809	2.95809	0.00602615	2.53034	2.53034	0.400686	1.24929	1.24929	0.0238575	0.497769	-2.00896
cg00051179	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.0194658	0.0275945	0.660499	-1.51401	0.204375	1.23769	1.23769	0.0692489	1.38212	1.38212	0.0264898	0.657815	-1.52018	0.285206	0.838003	-1.19331
cg05144432	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.000273941	0.00961163	0.363878	-2.74817	0.0932648	1.76717	1.76717	0.0800634	0.549414	-1.82012	8.84E-06	0.0511532	-19.5491	0.000462076	0.18279	-5.47077
cg09430391	GABRA2	0.00791779	0.675854	1.06915	1.06915	0.0197265	1.56482	1.56482	0.255561	0.828011	-1.20771	0.978492	1.0043	1.0043	0.349795	0.858099	-1.16537
cg08206959	GABRA2;GABRA2	0.0131003	0.418939	0.904576	-1.10549	0.00169203	1.72413	1.72413	0.971564	0.995681	-1.00434	0.922051	0.988185	-1.01196	0.339929	0.887423	-1.12686
cg14778074	GABRA2;GABRA2	0.0132085	0.0113963	0.752543	-1.32883	0.655023	0.960436	-1.04119	0.373854	1.08539	1.08539	0.774752	1.02609	1.02609	0.326056	0.912998	-1.09529
cg12205729	GABRA2;GABRA2	0.0170581	0.00767459	0.164188	-6.09059	0.0324422	3.66872	3.66872	0.18823	0.49053	-2.03861	0.134523	0.437554	-2.28543	0.247606	0.539977	-1.85193
cg25145765	GABRA2;GABRA2;GABRA2	0.0125764	0.113556	0.631541	-1.58343	0.0653097	0.57564	-1.7372	0.94228	1.01952	1.01952	0.801112	1.0697	1.0697	0.0190087	0.46864	-2.13384
cg18003791	GABRA3	0.00404496	0.070744	0.690175	-1.44891	0.0908469	1.40786	1.40786	0.0239901	0.609885	-1.63965	0.00448362	0.498649	-2.00542	0.00134979	0.425316	-2.3512
cg18904817	GABRA3;MIR105-1	0.00519877	0.786999	1.08307	1.08307	0.00310327	0.303585	-3.29397	0.00496487	0.334247	-2.9918	0.705994	0.894346	-1.11814	0.000806383	0.225468	-4.43522

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25404454	0.46536	1.4582	1.4582	0.0564789	0.334101	-2.99311	0.0412649	3.30444	3.30444	0.763244	1.16576	1.16576	3.54179	14.4585	3.62867	1
cg07701375	0.0210692	1.5397	1.5397	0.00112784	0.474461	-2.10765	0.00124608	2.08272	2.08272	0.900558	0.980741	-1.01964	17.6825	6.77666	0.340658	1
cg11081272	0.712194	0.912219	-1.09623	1.14E-05	0.0992244	-10.0782	0.906968	0.971429	-1.02941	0.0278759	0.525008	-1.90473	25.6596	24.9846	0.865505	1
cg01102379	0.282653	1.2448	1.2448	0.000136626	0.274071	-3.64869	0.000508575	0.344678	-2.90126	0.0369051	0.62164	-1.60865	15.8591	9.66313	0.54161	1
cg12700464	0.554407	1.06043	1.06043	4.20E-05	0.465333	-2.149	0.250012	0.888737	-1.12519	0.101711	1.1922	1.1922	13.7424	2.09547	0.13554	1
cg13165758	0.214255	1.17817	1.17817	0.000286038	0.475826	-2.10161	0.0553284	1.31309	1.31309	0.000728751	0.525132	-1.90428	11.344	2.82508	0.221367	1
cg05100279	0.0625009	1.52204	1.52204	0.0684504	1.50487	1.50487	0.0758383	1.48572	1.48572	0.294638	1.24332	1.24332	6.02718	3.83223	0.565178	1
cg10042298	0.181275	0.415054	-2.40932	0.0192253	0.172925	-5.78284	0.04713	0.244738	-4.08601	0.0632779	0.274128	-3.64793	4.92904	29.9687	5.40447	1
cg26672202	0.0181666	0.267238	-3.74198	0.0105356	0.2275	-4.3956	0.192024	1.88773	1.88773	0.173251	0.513398	-1.9478	4.24802	14.2412	2.97994	1
cg11681617	0.0174154	0.33522	-2.98311	0.038903	0.405493	-2.46613	0.277773	1.53129	1.53129	0.118256	1.89707	1.89707	5.48904	12.3907	2.00654	1
cg11452781	0.103439	0.566715	-1.76456	0.664079	0.869938	-1.14951	0.667898	1.14755	1.14755	0.640082	1.16203	1.16203	3.46611	5.58158	1.4314	1
cg27450976	0.377153	1.09541	1.09541	0.00315176	1.50041	1.50041	0.270498	1.12229	1.12229	0.00137309	1.59493	1.59493	54.7009	8.75971	0.142345	1
cg12370326	2.05E-05	0.320647	-3.11869	0.0173248	1.46684	1.46684	0.0143959	0.671171	-1.48993	0.20697	0.838687	-1.19234	27.8342	7.70226	0.245973	1
cg11943959	0.00272554	0.429802	-2.32665	0.00104549	2.6912	2.6912	0.041109	1.6175	1.6175	0.079909	1.48664	1.48664	19.9522	13.1574	0.586176	1
cg04561937	0.171955	1.36687	1.36687	0.015695	1.88981	1.88981	7.24E-05	0.211684	-4.72402	0.0668357	0.642995	-1.55522	18.324	13.4066	0.650347	1
cg06123976	0.00100559	0.584926	-1.70962	0.00179863	1.6287	1.6287	0.0800372	0.807873	-1.23782	0.156163	0.846497	-1.18134	18.2873	3.49492	0.169877	1
cg19410143	0.000274943	2.2352	2.2352	0.00067062	2.01882	2.01882	0.0600161	0.750937	-1.33167	0.00911937	0.63941	-1.56394	17.1076	4.93842	0.256593	1
cg20556786	0.813672	0.956375	-1.04562	0.1634	0.755011	-1.32448	0.147086	0.745311	-1.34172	0.893698	1.02558	1.02558	16.4005	9.27074	0.502465	1
cg20353484	0.0163189	0.490549	-2.03853	1.40E-05	0.111111	-9.00002	0.172864	1.42168	1.42168	0.0811721	0.625661	-1.59831	13.3955	12.4812	0.828222	1
cg19091146	0.000371914	0.498514	-2.00596	0.000101917	2.31938	2.31938	0.162394	1.20001	1.20001	0.236371	1.16378	1.16378	11.9088	2.81834	0.210366	1
cg02432860	0.0502193	0.641658	-1.55846	0.00460452	2.116	2.116	0.0100898	1.90644	1.90644	0.0732427	0.672302	-1.48743	8.43381	5.27684	0.556157	1
cg11209279	0.00093657	0.807369	-1.23859	2.10E-06	0.60328	-1.65761	0.63087	1.0212	1.0212	0.00357555	1.18652	1.18652	34.7224	1.03281	0.0264397	1
cg09949713	0.00653231	0.339778	-2.9431	0.067209	0.534417	-1.8712	0.838704	1.06424	1.06424	0.558644	1.19802	1.19802	9.48981	14.0243	1.31362	1
cg00731948	0.0338129	0.713276	-1.40198	0.00220063	0.55696	-1.79546	0.559741	1.08373	1.08373	0.00676676	1.61381	1.61381	9.45576	2.78397	0.261707	1
cg19646165	0.0513969	1.63696	1.63696	0.0226442	0.545307	-1.83383	0.00773247	2.13879	2.13879	0.494146	0.857031	-1.16682	9.12146	7.13283	0.695097	1
cg10230466	0.0717761	1.60864	1.60864	0.00182528	0.350802	-2.85061	0.042115	0.574785	-1.73978	0.118732	1.49254	1.49254	6.31135	5.5901	0.787308	1
cg13626544	0.183641	1.54757	1.54757	?	?	?	0.123105	0.59523	-1.68002	0.131372	0.603141	-1.65799	5.19027	6.73084	1.13472	1
cg25737491	0.330271	1.635	1.635	0.95624	0.973504	-1.02722	0.00151673	0.106966	-9.34873	0.304036	0.593966	-1.6836	4.09394	12.0774	3.3715	1
cg18684595	0.320334	1.22492	1.22492	0.303548	1.23435	1.23435	0.0707475	1.49025	1.49025	0.000268088	0.306817	-3.25927	13.5264	8.36232	0.549532	1
cg12149272	0.000240003	0.0901498	-11.0926	0.0121475	0.290153	-3.44646	0.0108747	0.28203	-3.54573	0.947118	0.974085	-1.0266	7.84335	19.4651	2.20598	1
cg13300549	0.919846	1.01671	1.01671	0.0129638	0.601898	-1.66141	0.0524764	0.695588	-1.43763	0.301074	0.838289	-1.19291	5.41206	2.3229	0.381518	1
cg07261196	0.316176	0.863322	-1.15832	0.023576	0.681516	-1.46732	0.19761	0.824366	-1.21305	0.142906	1.25021	1.25021	10.6062	3.37847	0.283145	1
cg00294149	0.0474595	1.55988	1.55988	0.0147105	1.80178	1.80178	0.633525	1.09876	1.09876	0.473997	0.866942	-1.15348	7.51286	4.57487	0.541279	1
cg13906548	0.143425	0.742304	-1.34716	0.0195011	0.585602	-1.70764	0.528136	0.885909	-1.12878	0.806006	1.04774	1.04774	4.44904	2.53123	0.505722	1
cg00470924	0.0410582	0.423744	-2.35991	?	?	?	0.0111131	0.308627	-3.24016	0.637563	0.844375	-1.18431	5.05803	7.73367	1.52899	1
cg27279586	0.311724	1.43036	1.43036	0.609976	1.19238	1.19238	0.104599	1.83437	1.83437	0.642597	1.17332	1.17332	3.85582	7.14306	1.6467	1
cg16785213	0.0831131	0.279508	-3.57772	0.0138024	0.132373	-7.55442	0.102072	0.304564	-3.28339	0.191553	0.399064	-2.50586	3.57896	25.0215	6.21446	1
cg12946560	0.000847884	0.3455	-2.89435	0.488623	1.16074	1.16074	0.676335	1.09303	1.09303	0.827622	0.954845	-1.04729	10.1574	7.22209	0.632012	1
cg03857502	0.499077	1.16039	1.16039	0.00715675	0.471011	-2.12309	0.752918	1.07086	1.07086	0.407491	0.832196	-1.20164	8.00208	5.95638	0.661648	1
cg09212610	0.0334118	0.719179	-1.39048	0.00121906	1.87334	1.87334	0.283377	0.862589	-1.1593	0.660116	0.943	-1.06045	6.56524	1.82882	0.24761	1
cg03599575	0.00405402	1.57865	1.57865	0.791358	1.03187	1.03187	0.291184	1.13837	1.13837	0.0442758	0.760807	-1.31439	5.77386	1.28011	0.197074	1
cg04176472	0.305289	1.17966	1.17966	0.0196514	1.55066	1.55066	0.0188013	1.55743	1.55743	0.225582	1.21906	1.21906	3.6853	1.41396	0.341044	1
cg17851017	0.000224089	0.317792	-3.14672	0.0192321	0.589358	-1.69676	0.110136	1.38413	1.38413	0.214294	1.27645	1.27645	7.04177	3.88694	0.490652	1
cg09749751	0.0833272	1.49963	1.49963	0.00138068	0.375134	-2.66572	0.166603	0.732169	-1.3658	0.599041	0.89391	-1.11868	3.95327	2.79758	0.629034	1
cg05661333	0.503094	0.913125	-1.09514	0.071346	1.3091	1.3091	0.00820757	0.636177	-1.57189	0.330243	1.14381	1.14381	3.91945	1.11022	0.251786	1
cg25804470	0.189522	0.842354	-1.18715	0.541844	0.926604	-1.07921	0.197371	0.845171	-1.18319	0.827662	0.973445	-1.02728	3.78539	0.913577	0.214527	1
cg25504668	0.123918	0.790044	-1.26575	0.00108901	1.97732	1.97732	0.397706	0.884724	-1.1303	0.106818	1.28277	1.28277	23.1466	7.33372	0.281633	1
cg17930583	0.0197333	1.68454	1.68454	2.92E-05	0.21915	-4.56308	0.111843	1.37806	1.37806	0.0030179	0.470962	-2.12331	21.0786	11.4503	0.482862	1
cg06872047	5.10E-05	0.27877	-3.58718	0.00210831	0.482924	-2.07072	0.114425	1.33516	1.33516	0.000738651	0.421933	-2.37004	19.1026	8.57442	0.398988	1
cg15242223	0.0175507	1.47279	1.47279	0.000706655	1.99653	1.99653	0.0418606	1.36915	1.36915	0.0388367	1.37772	1.37772	18.5008	5.25817	0.252633	1
cg18656132	0.199374	0.72743	-1.3747	0.126446	0.678398	-1.47406	0.00188611	2.81214	2.81214	0.025824	1.86105	1.86105	12.129	10.5813	0.775463	1
cg00806253	0.0896747	0.738998	-1.35318	0.0925859	1.3488	1.3488	0.00109355	2.17861	2.17861	0.00957554	1.6995	1.6995	11.8382	4.89994	0.367921	1
cg03810301	0.170067	0.741138	-1.34928	0.000861251	0.358538	-2.7891	0.0190975	1.78872	1.78872	0.00377301	0.448741	-2.22846	10.9512	7.28905	0.591639	1
cg04369302	0.108119	0.708505	-1.41142	0.0442972	0.634989	-1.57483	0.00071633	2.75234	2.75234	0.524497	0.880924	-1.13517	10.5089	6.43168	0.544019	1
cg07169712	0.695324	0.930822	-1.07432	0.553099	0.896478	-1.11548	0.000411782	2.77702	2.77702	0.225617	1.26083	1.26083	10.2325	5.37603	0.467012	1
cg24640415	0.261419	1.22925	1.22925	0.0170575	1.66954	1.66954	0.164537	1.29869	1.29869	0.733154	1.06217	1.06217	9.19225	4.52194	0.437271	1
cg00594408	0.0097037	0.794946	-1.25795	0.0209715	1.21507	1.21507	0.445444	1.05607	1.05607	0.0046569	1.30206	1.30206	8.73588	0.680633	0.0692554	1
cg20997792	0.899398	1.00847	1.00847	0.000466264	0.692938	-1.44313	0.0687228	0.873014	-1.14546	0.599055	1.036	1.036	8.70154	0.612333	0.0625517	1
cg03063857	0.692328	1.08169	1.08169	0.000632617	0.354603	-2.82006	0.988125	1.00294	1.00294	0.0585139	0.655725	-1.52503	8.42213	5.19994	0.548812	1
cg23908638	0.00675211	0.290159	-3.44639	0.00038697	0.126385	-7.91232	0.00215046	0.214481	-4.66241	0.032677	0.420777	-2.37656	9.76519	17.278	1.37616	1
cg25729445	0.143411	1.2284	1.2284	0.344982	0.880505	-1.13571	0.541269	1.08428	1.08428	0.00145327	1.82541	1.82541	8.18246	2.21834	0.240986	1
cg21022792	0.738646	1.04909	1.04909	9.22E-05	2.71597	2.71597	0.915217	0.984875	-1.01536	0.522804	0.911477	-1.09712	7.55176	2.44963	0.288337	1
cg15385139	0.00651235	0.736967	-1.35691	0.00199593	0.686134	-1.45744	0.0489043	0.823562	-1.21424	0.517447	1.05828	1.05828	7.31038	0.862677	0.104895	1
cg02928278	0.00829236	0.465874	-2.1465	0.0613582	1.61131	1.61131	0.529183	1.1552	1.1552	0.086775	0.65175	-1.53433	6.9253	5.61773	0.721057	1
cg00923678	0.475442	1.35338	1.35338	0.649864	1.20993	1.20993	0.0183157	3.29966	3.29966	0.956424	0.977473	-1.02305	6.87407	18.929	2.44772	1
cg12074883	0.0704365	1.25362	1.25362	0.0119768	1.4197	1.4197	0.0615327	1.26546	1.26546	0.0807435	1.24172	1.24172	6.73555	1.33307	0.175925	1
cg03906120	0.683824	1.04186	1.04186	0.721437	0.964781	-1.03651	0.0421471	1.26424	1.26424	0.14034	0.853108	-1.17218	6.47287	1.02824	0.141204	1
cg02681389	0.170946	0.686493	-1.45668	0.869481	1.04334	1.04334	0.00130449	3.34641	3.34641	0.986141	1.00449	1.00449	6.4255	6.77461	0.937184	1
cg12257233	0.645975	0.875057	-1.14278	0.0449124	0.514704	-1.94286	0.00329212	0.314913	-3.17548	0.0372173	0.497649	-2.00945	6.14407	8.10223	1.17218	1
cg01176329	0.603131	0.852383	-1.17318	0.458158	1.25865	1.25865	0.0289737	2.19013	2.19013	0.840792	0.940592	-1.06316	5.59125	8.21101	1.30537	1
cg02014853	0.324786	0.693264	-1.44245	0.0226477	0.374117	-2.67296	0.0568012	0.459916	-2.17431	0.179855	1.67062	1.67062	5.39023	11.081	1.82735	1
cg20806676	0.0705088	0.256694	-3.89569	0.00335074	0.0681836	-14.6663	0.0819626	0.273455	-3.65691	0.0384526	0.199214	-5.01973	5.12304	36.7226	6.37167	1
cg04517749	0.368321	0.835037	-1.19755	0.114476	1.39785	1.39785	0.00684245	1.98058	1.98058	0.965997	1.00835	1.00835	4.94128	2.97886	0.535869	1
cg12083232	0.420175	0.869254	-1.15041	0.0951672	0.732019	-1.36609	0.0244997	1.57756	1.57756	0.237008	1.23464	1.23464	4.92361	2.2571	0.407488	1
cg00667298	0.131665	0.535473	-1.86751	0.0318506	0.380807	-2.626	0.0461141	0.415975	-2.40399	0.506606	0.772112	-1.29515	4.91646	11.4707	2.07388	1
cg12867320	0.216407	1.37153	1.37153	0.00201254	2.88166	2.88166	0.0864129	1.58414	1.58414	0.913334	0.973906	-1.02679	4.8714	4.55087	0.830402	1
cg03898786	0.476505	1.16646	1.16646	0.00157621	2.62569	2.62569	0.532248	1.14403	1.14403	0.802084	0.947984	-1.05487	4.84444	3.47085	0.636853	1
cg26272069	0.734713	0.874865	-1.14303	0.0560635	0.427177	-2.34095	0.050166	2.40533	2.40533	0.925342	0.963831	-1.03753	4.72975	11.5727	2.17492	1
cg20642417	0.0734212	1.42264	1.42264	0.116941	0.740239	-1.35092	0.501748	0.886562	-1.12795	0.140611	0.75584	-1.32303	4.58155	2.26308	0.439071	1
cg12055610	0.0868385	0.742022	-1.34767	0.0335676	1.47952	1.47952	0.0173112	0.632944	-1.57992	0.0743106	1.36855	1.36855	4.52451	1.78383	0.350453	1
cg20067272	0.432709	0.701839	-1.42483	0.337336	0.64571	-1.54868	0.0815674	2.3481	2.3481	0.639776	0.81185	-1.23175	4.51619	13.9864	2.75284	1
cg18977283	0.140518	0.584234	-1.71164	0.0174578	0.374994	-2.66671	0.0216489	0.392704	-2.54645	0.46468	0.777047	-1.28692	4.46779	8.13097	1.6177	1
cg23742601	0.132671	0.7874	-1.27	0.2182	1.21023	1.21023	0.0755778	1.3383	1.3383	0.939182	1.0113	1.0113	4.42327	1.52035	0.305527	1
cg04615964	0.296391	0.745281	-1.34178	0.0421982	1.88799	1.88799	0.0061641	2.63833	2.63833	0.280287	0.737305	-1.35629	4.39301	5.13004	1.03802	1
cg27527874	0.31483	0.692235	-1.4446	0.0881984	0.513863	-1.94604	0.00432526	3.85654	3.85654	0.443555	0.758471	-1.31844	4.32854	8.58563	1.76311	1
cg04960880	0.648617	0.875523	-1.14217	0.0285125	0.47289	-2.11466	0.566671	0.84551	-1.18272	0.0160793	0.425888	-2.34803	4.28465	5.69738	1.18197	1
cg27406070	0.0876473	0.558903	-1.78922	0.995152	1.00188	1.00188	0.166298	0.634148	-1.57692	0.499812	0.809474	-1.23537	4.24491	6.40201	1.34059	1
cg20704972	0.867843	1.04207	1.04207	0.00830211	2.30455	2.30455	0.254381	1.34241	1.34241	0.470685	0.833963	-1.19909	4.17147	4.04447	0.861825	1
cg12248981	0.494592	0.871215	-1.14782	0.883906	0.971375	-1.02947	0.0213962	1.7325	1.7325	0.819892	1.04637	1.04637	4.15745	2.60161	0.556241	1
cg10110652	0.464734	0.880368	-1.13589	0.0166118	1.65021	1.65021	0.0114461	1.71921	1.71921	0.769227	1.05167	1.05167	4.11924	1.91311	0.412829	1
cg14377523	0.0878093	1.38027	1.38027	0.00319813	1.99056	1.99056	0.520454	1.11787	1.11787	0.675423	1.07469	1.07469	4.06278	1.88256	0.411883	1
cg04565490	0.982019	0.994485	-1.00555	0.697272	1.10068	1.10068	0.0379471	1.80495	1.80495	0.675124	0.901727	-1.10898	3.94582	3.76344	0.847803	1
cg01373089	0.0392492	0.341192	-2.9309	0.0577979	0.38024	-2.62992	0.598109	1.27098	1.27098	0.0933073	0.435117	-2.29823	3.62259	11.6586	2.86073	1
cg25437807	0.643316	0.79295	-1.26111	0.104473	0.413573	-2.41795	0.410982	1.51932	1.51932	0.0830149	0.384857	-2.59837	3.51012	13.7598	3.48447	1
cg27474149	0.247916	0.649705	-1.53916	0.212533	1.59799	1.59799	0.63495	1.18619	1.18619	0.382275	0.726231	-1.37697	3.49674	7.05821	1.79424	1
cg14111380	0.224023	0.559166	-1.78838	0.0154391	0.258615	-3.86676	0.384992	0.666752	-1.49981	0.178281	0.521584	-1.91724	3.41144	11.1898	2.91562	1
cg06584566	0.0793665	0.80299	-1.24534	0.191314	0.85567	-1.16867	0.107268	0.820317	-1.21904	0.425149	1.0961	1.0961	13.3099	2.67578	0.178699	1
cg00091794	0.0140513	0.633374	-1.57885	0.000958297	2.098	2.098	0.618599	0.927192	-1.07853	0.770303	1.04509	1.04509	8.87255	3.188	0.319386	1
cg14017036	0.0235785	0.664072	-1.50586	0.00106504	2.08011	2.08011	0.581104	0.919079	-1.08805	0.0153985	0.637488	-1.56866	8.79992	3.19521	0.322751	1
cg14411311	0.00200231	1.92069	1.92069	0.000968372	2.0854	2.0854	0.0370683	1.43662	1.43662	0.429431	1.12829	1.12829	5.95215	2.11107	0.315265	1
cg13434352	0.134182	0.785264	-1.27346	0.284488	0.846711	-1.18104	0.00395052	1.78642	1.78642	0.303107	1.17309	1.17309	3.75759	1.333	0.315333	1
cg13532463	0.792696	1.10585	1.10585	0.277911	0.649859	-1.53879	0.270774	1.54958	1.54958	0.75392	0.886813	-1.12763	3.64458	8.42231	2.05414	1
cg13570262	0.60199	0.941173	-1.0625	0.0231257	0.731315	-1.3674	0.3267	0.889884	-1.12374	0.218206	1.16094	1.16094	3.53199	0.742594	0.186887	1
cg27123392	0.80938	1.04156	1.04156	0.0429114	1.48077	1.48077	0.121141	1.32732	1.32732	0.0675551	0.708181	-1.41207	3.91834	1.7616	0.399625	1
cg02917792	0.0469812	1.43948	1.43948	0.939084	1.01232	1.01232	0.0116704	0.603536	-1.6569	0.00138726	0.475893	-2.10131	9.57019	3.89058	0.361362	1
cg26390924	0.107813	0.705443	-1.41755	0.028259	1.6737	1.6737	0.106449	0.704312	-1.41982	0.188543	0.758034	-1.3192	11.5949	7.26094	0.55664	1
cg21595526	?	?	?	0.348466	1.5324	1.5324	0.00317132	0.111828	-8.94228	0.0525967	2.83998	2.83998	12.1398	22.1367	1.51957	1
cg20320717	0.705415	0.97928	-1.02116	0.000648202	0.749457	-1.3343	0.0652602	0.89217	-1.12086	0.339525	0.947174	-1.05577	26.8884	1.29443	0.0427917	1
cg16105380	0.14373	0.786624	-1.27126	0.620258	1.0793	1.0793	0.0302252	1.47596	1.47596	0.141168	1.27351	1.27351	10.2382	3.78501	0.328617	1
cg13181291	0.360007	1.364	1.364	0.766685	0.906514	-1.10313	0.158757	1.64357	1.64357	0.0160292	0.378189	-2.64418	8.2393	14.1982	1.53176	1
cg19693494	0.0784961	0.67221	-1.48763	0.595932	1.1149	1.1149	0.968457	0.991996	-1.00807	0.126557	1.39917	1.39917	4.76655	3.11797	0.581453	1
cg11411707	0.0496445	1.16373	1.16373	0.123365	0.893146	-1.11964	0.000170617	1.54135	1.54135	0.006058	1.27467	1.27467	10.1571	0.737429	0.0645351	1
cg03860992	0.562569	1.29417	1.29417	0.000260158	0.0709448	-14.0955	0.346356	0.652365	-1.53288	0.0172573	0.278662	-3.58858	6.26097	19.2391	2.73143	1
cg24523000	0.0776044	3.53361	3.53361	0.0103669	7.98681	7.98681	0.0159481	6.68022	6.68022	0.300824	1.9936	1.9936	4.32984	28.4005	5.83045	1
cg01086446	0.623979	1.27872	1.27872	0.775941	1.15257	1.15257	0.05037	3.03407	3.03407	0.310585	1.68553	1.68553	4.23086	16.5919	3.48589	1
cg02322252	0.0295536	0.646265	-1.54735	0.0277903	0.642045	-1.55752	0.00230794	2.06573	2.06573	0.797621	1.04475	1.04475	16.7169	7.686	0.408688	1
cg08399761	0.0081041	0.55454	-1.8033	0.00871945	0.559216	-1.78822	0.131966	1.32679	1.32679	0.392985	1.16438	1.16438	11.9608	5.72958	0.425802	1
cg12340947	0.417927	0.742739	-1.34637	0.00063044	7.55056	7.55056	?	?	?	0.018899	2.85716	2.85716	5.83247	10.3084	1.54648	1
cg00048832	0.478804	1.09454	1.09454	0.00290012	0.598312	-1.67137	0.0441115	1.33666	1.33666	0.232422	1.17013	1.17013	3.82904	0.954565	0.221597	1
cg02065387	0.118671	0.694754	-1.43936	0.141754	0.711991	-1.40451	0.18605	1.35183	1.35183	0.153048	1.3896	1.3896	3.63508	2.66167	0.650859	1
cg06479604	0.933391	1.02186	1.02186	0.211909	0.711601	-1.40528	0.549343	1.1697	1.1697	0.0295581	1.94041	1.94041	5.7255	6.07053	0.942455	1
cg00051179	0.00444049	0.546414	-1.83011	0.0370671	0.680138	-1.47029	0.319728	0.848989	-1.17787	0.384172	0.867563	-1.15265	4.74798	1.90622	0.356872	1
cg05144432	0.524932	0.819808	-1.2198	0.704614	0.889178	-1.12463	0.00305558	0.286178	-3.49433	0.72576	1.11472	1.11472	16.8639	25.4019	1.33892	1
cg09430391	0.00554507	1.78507	1.78507	0.0287911	0.663652	-1.50681	0.00470259	1.81724	1.81724	0.0179989	1.57934	1.57934	6.36479	2.54865	0.355938	1
cg08206959	0.126374	0.81807	-1.22239	0.0369074	1.34221	1.34221	0.17714	0.840135	-1.19028	0.0109498	1.47365	1.47365	5.41653	1.26499	0.207593	1
cg14778074	0.00129892	0.6567	-1.52277	0.908766	1.01034	1.01034	0.446955	1.07206	1.07206	0.0223832	1.27843	1.27843	5.40198	0.689389	0.113438	1
cg12205729	0.00375838	0.124924	-8.00484	0.213939	0.51283	-1.94997	?	?	?	0.769848	1.16021	1.16021	5.64913	19.9578	3.0913	1
cg25145765	0.058229	0.564778	-1.77061	0.0269007	2.01292	2.01292	0.0950003	1.63184	1.63184	0.00792754	2.4814	2.4814	5.48913	6.19382	1.003	1
cg18003791	0.423423	0.860587	-1.162	0.058421	0.675243	-1.48095	0.00463098	0.500688	-1.99725	0.0830139	1.42256	1.42256	7.82607	4.17974	0.474737	1
cg18904817	0.505491	1.22027	1.22027	0.179455	1.52215	1.52215	0.0306524	0.473225	-2.11316	0.906433	1.03525	1.03525	7.25168	9.97016	1.22211	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22142212	GABRA3;MIR105-2;MIR767	0.00828032	0.0922576	2.32133	2.32133	0.277263	1.67115	1.67115	0.265823	0.590409	-1.69374	0.885435	0.936582	-1.06771	0.141774	0.48777	-2.05015	0.0089082	4.53745	4.53745	0.00235653	0.145414	-6.87691	0.067054	0.393441	-2.54168	0.0213254	0.284395	-3.51624	6.27568	20.5269	2.90744	1
cg04227631	GABRA3;MIR767;MIR105-1	0.0214445	0.280169	1.79293	1.79293	0.4775	0.686867	-1.45589	0.495782	1.43289	1.43289	0.00847373	0.174139	-5.74254	0.0107781	0.189004	-5.29089	0.12904	2.34685	2.34685	0.236824	1.90523	1.90523	0.0327674	0.272797	-3.66574	0.0964119	0.386995	-2.58401	4.59402	19.68	3.80786	1
cg22785561	GABRA4	0.0045105	0.94217	0.977933	-1.02257	0.329901	1.3624	1.3624	0.0223337	0.430826	-2.32112	0.00150787	0.245073	-4.08041	0.0846978	0.556289	-1.79763	0.937484	1.02442	1.02442	0.000792929	0.210327	-4.7545	0.0390336	2.08494	2.08494	0.325721	0.731905	-1.3663	7.57236	11.3453	1.33178	1
cg25951981	GABRA4	0.0122175	?	?	?	0.725531	1.2723	1.2723	0.0791205	3.78831	3.78831	0.0891615	3.59942	3.59942	0.116998	3.20099	3.20099	0.455219	1.68147	1.68147	0.00123707	0.039706	-25.1851	0.0336586	5.44744	5.44744	0.61477	1.41442	1.41442	5.64926	37.1264	6.5719	1
cg24154839	GABRA4	0.0132873	0.354212	0.64028	-1.56182	0.0231796	0.280921	-3.55972	0.00619382	5.3106	5.3106	0.976128	1.0141	1.0141	0.832215	1.10433	1.10433	0.656342	1.23305	1.23305	0.878141	0.930744	-1.07441	0.00145836	8.58786	8.58786	0.543351	1.33343	1.33343	5.39148	18.6835	3.08033	1
cg06572812	GABRA5	0.0124127	0.0136618	0.216277	-4.6237	0.050364	0.326355	-3.06415	0.0229418	0.255151	-3.91925	0.153321	2.15456	2.15456	0.00447934	0.149177	-6.70343	0.102152	0.407364	-2.45481	0.680746	0.812458	-1.23083	0.00659685	0.170212	-5.87503	0.0252299	0.262915	-3.80352	5.5126	22.0029	3.5479	1
cg27310090	GABRA5;GABRA5	0.00142801	0.143917	0.780504	-1.28122	0.000151104	0.358238	-2.79144	0.0026213	0.518098	-1.93014	0.198465	0.806942	-1.23925	0.0381432	0.684327	-1.46129	0.412475	0.876116	-1.1414	0.000776253	0.448085	-2.23172	0.0292095	1.50015	1.50015	0.253393	0.828386	-1.20717	10.6289	4.19385	0.35073	1
cg18724037	GABRA5;GABRA5	0.0177027	0.665281	1.18762	1.18762	0.0205334	3.0115	3.0115	0.0486501	2.43426	2.43426	0.475629	1.33184	1.33184	0.00561727	0.237843	-4.20445	0.432	0.72848	-1.37272	0.02149	0.33585	-2.97752	0.577928	1.24863	1.24863	0.171153	0.562361	-1.77822	4.90249	12.1167	2.19692	1
cg19679544	GABRA5;GABRA5	0.0191316	0.548935	0.931048	-1.07406	0.863081	0.979871	-1.02054	0.00833089	0.67217	-1.48772	0.155407	1.19613	1.19613	0.163426	0.83927	-1.19151	0.107364	1.23002	1.23002	0.011888	1.44756	1.44756	0.196219	0.851299	-1.17468	0.0433002	1.31498	1.31498	4.7759	1.04972	0.195374	1
cg22081933	GABRA5;GABRA5	0.021751	0.204814	0.748807	-1.33546	0.00258052	0.40526	-2.46755	0.107401	1.46219	1.46219	0.53045	0.871622	-1.14729	0.288783	0.788128	-1.26883	0.266019	0.778339	-1.28479	0.0615866	0.634284	-1.57658	0.0537821	1.60555	1.60555	0.0610341	0.633516	-1.57849	4.57175	3.38491	0.658132	1
cg03462380	GABRA5;GABRA5	0.0272938	0.948786	0.993426	-1.00662	0.179932	0.863961	-1.15746	0.00416539	1.48333	1.48333	0.777366	0.971313	-1.02953	0.552582	1.06363	1.06363	0.0231019	0.756601	-1.3217	0.502245	1.07242	1.07242	0.378035	1.09732	1.09732	0.0238653	1.31893	1.31893	4.22558	0.70555	0.148419	1
cg10760715	GABRA5;GABRA5	0.0350427	0.443504	0.881851	-1.13398	0.179309	0.794881	-1.25805	0.0251721	0.651486	-1.53495	0.896505	0.979274	-1.02116	0.0721354	1.38129	1.38129	0.72968	1.05741	1.05741	0.00569593	1.7924	1.7924	0.418571	1.14227	1.14227	0.21599	0.810946	-1.23313	3.86542	1.58558	0.364617	1
cg24387380	GABRA5;GABRA5	0.0368307	0.713998	1.07924	1.07924	0.00786628	2.0267	2.0267	0.785015	1.05828	1.05828	0.570298	1.12618	1.12618	0.71848	1.07788	1.07788	0.0407759	1.63109	1.63109	0.149484	0.726034	-1.37735	0.0506731	1.58612	1.58612	0.0423982	0.616173	-1.62292	3.7962	2.58018	0.604154	1
cg02356993	GABRA5;GABRA5	0.0396412	0.0463818	2.42126	2.42126	0.112549	1.95327	1.95327	0.340226	0.683228	-1.46364	0.328698	1.47802	1.47802	0.45121	1.34649	1.34649	0.0362034	2.57013	2.57013	0.00440386	4.3639	4.3639	0.0248072	2.81637	2.81637	0.103837	1.99231	1.99231	3.69537	8.7907	2.11452	1
cg16967830	GABRA5;GABRA5	0.0480431	0.575409	0.770794	-1.29736	0.235879	1.77084	1.77084	0.031392	0.313055	-3.19433	0.0678321	0.390235	-2.56256	0.068254	0.390929	-2.55801	0.312081	0.618118	-1.61782	0.00344253	0.160781	-6.21964	0.821535	0.90128	-1.10953	0.455444	0.704882	-1.41868	3.4398	11.53	2.97949	1
cg10652393	GABRA5;GABRA5;GABRA5	0.0254237	0.0102673	0.703332	-1.4218	0.142997	0.842607	-1.18679	0.296872	1.12486	1.12486	0.131808	0.837811	-1.19359	0.00269551	0.636952	-1.56998	0.32622	1.11658	1.11658	0.277134	1.13084	1.13084	0.585765	0.941889	-1.0617	0.864796	0.981631	-1.01871	4.33182	0.811956	0.166613	1
cg22691257	GABRA6	3.84E-05	4.86E-06	0.109033	-9.17156	0.585337	0.889632	-1.12406	0.047935	0.618792	-1.61605	0.000223698	0.27151	-3.6831	0.00400862	0.440095	-2.27224	0.208551	1.325	1.325	1.84E-05	0.156757	-6.37931	0.00334816	0.428504	-2.3337	6.26E-05	0.209076	-4.78296	28.5465	20.3707	0.634309	1
cg16459667	GABRA6	0.00303336	0.0302653	0.335326	-2.98218	0.808509	0.901091	-1.10977	0.0883125	2.24041	2.24041	0.988328	1.00629	1.00629	0.00122594	0.13154	-7.60223	0.538906	1.30586	1.30586	0.000274096	0.0775579	-12.8936	0.139353	0.505406	-1.97861	0.0276617	0.327337	-3.05495	8.53009	24.8573	2.59029	1
cg16404898	GABRA6	0.0257819	0.122742	0.484618	-2.06348	0.0069769	0.220539	-4.53435	0.0231035	0.308298	-3.24361	0.801096	0.896417	-1.11555	0.235343	0.583476	-1.71387	0.624157	0.807419	-1.23851	0.0099448	0.244064	-4.09728	0.100289	0.458433	-2.18134	0.00466761	0.196033	-5.10118	4.31073	12.8107	2.64161	1
cg24949632	GABRB1	0.000121105	0.000514418	0.202466	-4.9391	0.143509	0.629314	-1.58903	0.00256982	0.291801	-3.427	0.00418665	0.322911	-3.09682	9.76E-05	0.129988	-7.69302	0.000604523	0.210557	-4.74932	1.38E-05	0.068911	-14.5115	0.0422876	1.99206	1.99206	0.0551954	0.527065	-1.8973	21.0332	28.9172	1.22208	1
cg06783814	GABRB1	0.00216026	0.414734	0.923348	-1.08302	0.29638	1.10912	1.10912	0.165505	1.15199	1.15199	0.769247	1.02854	1.02854	0.610743	1.05033	1.05033	0.533378	0.94144	-1.0622	2.93E-05	0.456766	-2.1893	0.264479	1.11768	1.11768	0.884079	0.986141	-1.01405	9.42741	1.36623	0.128819	1
cg17680303	GABRB1	0.00409786	0.969887	0.990926	-1.00916	0.000406201	0.257463	-3.88406	0.643074	0.893435	-1.11928	0.00136579	0.325631	-3.07096	0.603357	0.881111	-1.13493	0.834093	0.950616	-1.05195	0.00424107	0.396832	-2.51996	0.498744	0.847199	-1.18036	0.00831166	0.442818	-2.25826	7.79545	7.19845	0.820814	1
cg00202441	GABRB1	0.00639	0.345084	1.11675	1.11675	0.608031	0.942952	-1.0605	0.00199546	1.64136	1.64136	0.0305886	1.33441	1.33441	0.0672076	0.792223	-1.26227	0.102978	1.22452	1.22452	0.103242	1.22429	1.22429	0.0798257	1.24698	1.24698	0.000916336	1.7552	1.7552	6.8053	1.38963	0.181509	1
cg02514721	GABRB1	0.00893577	0.0449023	1.41907	1.41907	0.191159	0.810225	-1.23423	0.00130702	0.490853	-2.03727	0.161205	0.796504	-1.25549	0.944185	1.0107	1.0107	0.048955	0.71046	-1.40754	0.202524	0.814991	-1.22701	0.0186007	0.648012	-1.54318	0.00563295	0.57551	-1.73759	6.12628	2.24326	0.325485	1
cg23231631	GABRB1	0.0126205	0.0127818	2.06721	2.06721	0.0729616	0.625258	-1.59934	0.00205151	0.360642	-2.77283	0.195407	1.37922	1.37922	0.340519	1.25939	1.25939	0.0323639	1.80086	1.80086	0.987823	1.00359	1.00359	0.797961	0.941549	-1.06208	0.694775	0.911567	-1.09701	5.48288	4.78708	0.776085	1
cg17465227	GABRB1	0.0217365	0.573327	1.11326	1.11326	0.191409	0.770438	-1.29796	0.0265408	0.609096	-1.64178	0.0150516	0.56927	-1.75663	0.642676	0.915672	-1.09209	0.581121	0.900256	-1.1108	0.000904634	0.39215	-2.55005	0.735884	1.06592	1.06592	0.420098	0.856143	-1.16803	4.57279	2.57479	0.500505	1
cg13360002	GABRB1	0.0217774	0.114299	0.518392	-1.92904	0.042565	0.409363	-2.44282	0.113473	1.93244	1.93244	0.0644161	2.21378	2.21378	0.28937	0.656615	-1.52296	0.439143	0.739473	-1.35231	0.00348433	0.2195	-4.55581	0.0378899	0.398196	-2.51132	0.679427	0.853042	-1.17228	4.56985	10.5892	2.05972	1
cg26900781	GABRB1	0.0223683	0.0114011	0.120772	-8.28008	0.0128616	0.127218	-7.86054	0.0868865	0.283064	-3.53277	0.178658	0.385295	-2.59541	0.00926636	0.110351	-9.06199	0.227617	0.429385	-2.32891	0.00314385	0.0675727	-14.7989	0.576014	0.685835	-1.45808	0.0692616	0.257518	-3.88323	4.52805	31.9523	6.27245	1
cg16755630	GABRB1	0.027422	0.871943	0.935667	-1.06876	0.350318	1.48627	1.48627	0.325269	1.51998	1.51998	0.0343638	0.361546	-2.7659	0.00353669	0.19596	-5.10309	0.546394	1.2861	1.2861	0.0567152	0.41105	-2.43279	0.96708	1.01716	1.01716	0.0654466	2.34512	2.34512	4.21863	11.3524	2.39202	1
cg20000644	GABRB1	0.0408131	0.252524	0.777983	-1.28538	0.0815746	0.666674	-1.49998	0.165714	0.733071	-1.36412	0.314115	0.80359	-1.24442	0.456504	0.852751	-1.17268	0.770301	0.940355	-1.06343	0.00380129	2.27036	2.27036	0.699559	0.921776	-1.08486	0.0504281	0.62603	-1.59737	3.6559	2.5546	0.62112	1
cg18016365	GABRB1;GABRB1	0.0232173	0.527643	0.922995	-1.08343	0.116966	0.807956	-1.23769	0.0326388	0.7312	-1.36761	0.0749559	1.28188	1.28188	0.484502	0.914886	-1.09303	0.0113087	0.672197	-1.48766	0.0568027	0.763419	-1.3099	0.00409742	0.617379	-1.61975	0.582413	0.932825	-1.07201	4.47034	1.1101	0.220733	1
cg12294121	GABRB1;GABRB1	0.0253424	0.0183313	0.640075	-1.56232	0.60344	0.921563	-1.08511	0.913884	1.017	1.017	0.00275818	1.9035	1.9035	0.724438	1.05672	1.05672	0.465403	1.12276	1.12276	0.19445	0.807389	-1.23856	0.118155	0.767635	-1.3027	0.179863	1.24859	1.24859	4.33665	1.66862	0.342019	1
cg09902379	GABRB2;GABRB2	0.000307921	0.00786167	0.547974	-1.8249	9.34E-05	3.41807	3.41807	0.000408708	2.69186	2.69186	0.246702	1.2382	1.2382	0.24618	0.807418	-1.23852	0.0644332	0.693207	-1.44257	0.00123421	0.434665	-2.30062	0.769952	1.05308	1.05308	0.0687239	1.43239	1.43239	16.3332	8.04764	0.437971	1
cg01939681	GABRB2;GABRB2	0.00949712	0.0026455	0.558806	-1.78953	0.35095	1.14375	1.14375	0.99927	0.999872	-1.00013	0.668476	0.941509	-1.06213	0.327774	1.1518	1.1518	0.00167974	1.87451	1.87451	0.809494	0.966774	-1.03437	0.154069	1.23797	1.23797	0.0433076	1.38428	1.38428	6.00877	1.86272	0.275556	1
cg18643445	GABRB2;GABRB2	0.0106881	0.921662	0.988672	-1.01146	0.504323	0.924521	-1.08164	0.0762391	0.795745	-1.25668	0.120321	1.21551	1.21551	0.0510616	0.773085	-1.29352	0.670724	0.951673	-1.05078	0.000302205	0.506402	-1.97471	0.179212	0.847674	-1.1797	0.374459	1.11137	1.11137	5.78583	1.22933	0.188864	1
cg01138867	GABRB2;GABRB2	0.0147714	0.26218	1.4318	1.4318	0.0112814	2.64939	2.64939	0.730227	1.11212	1.11212	0.107314	1.71536	1.71536	0.479478	1.24695	1.24695	0.00172043	3.94858	3.94858	0.0234222	0.435481	-2.29631	0.0710361	1.85732	1.85732	0.349601	1.34393	1.34393	5.20706	7.77263	1.32686	1
cg06056880	GABRB2;GABRB2	0.0168318	0.752108	0.908835	-1.10031	0.0532472	0.515581	-1.93956	0.0174284	0.417614	-2.39455	0.0333979	0.47241	-2.11681	0.907961	1.0355	1.0355	0.0282443	0.457737	-2.18466	0.360622	1.32778	1.32778	0.00578872	0.336024	-2.97597	0.00558512	0.333578	-2.9978	4.98603	7.18632	1.28115	1
cg25986202	GABRB2;GABRB2	0.0218964	0.65328	1.18462	1.18462	0.0115341	3.26665	3.26665	0.226763	1.60884	1.60884	0.335196	0.689098	-1.45117	0.441838	0.745391	-1.34158	0.987058	1.0061	1.0061	0.0234341	0.362596	-2.75789	0.00428035	0.238879	-4.18621	0.958466	1.01971	1.01971	4.56132	10.1421	1.97644	1
cg17673691	GABRB2;GABRB2	0.0285582	0.659796	0.947397	-1.05552	0.253602	0.864643	-1.15655	0.347593	1.12521	1.12521	0.658418	1.05577	1.05577	0.0903667	0.79641	-1.25563	0.361254	1.1213	1.1213	0.156164	1.20329	1.20329	0.0020182	0.58782	-1.7012	0.0420999	0.751508	-1.33066	4.15873	0.980111	0.209489	1
cg11026604	GABRB3	0.000682984	0.386848	0.835008	-1.19759	0.022886	1.73916	1.73916	0.518898	1.14217	1.14217	0.0401226	1.61951	1.61951	0.00475606	0.466707	-2.14267	0.049911	1.57549	1.57549	9.69E-05	0.244377	-4.09203	0.00347512	2.23952	2.23952	0.128858	0.716328	-1.39601	13.1009	8.5739	0.581733	1
cg26968476	GABRB3	0.000787514	0.00735593	0.561401	-1.78126	0.343573	0.849543	-1.1771	0.0411117	0.674464	-1.48266	0.386435	1.15995	1.15995	0.00028008	0.370491	-2.69912	0.190491	0.793195	-1.26072	4.99E-05	0.280268	-3.56801	0.83229	0.965181	-1.03608	0.00312343	0.508952	-1.96482	12.5877	5.56796	0.393186	1
cg03857572	GABRB3;GABRB3	0.000101715	0.11228	1.26424	1.26424	0.0557171	1.34175	1.34175	0.00149584	1.86043	1.86043	4.87E-05	0.355016	-2.81678	0.813682	1.03253	1.03253	0.00559842	1.63772	1.63772	5.52E-05	0.361386	-2.76713	0.523293	1.09168	1.09168	0.00652131	0.619178	-1.61504	22.0401	6.41907	0.258885	1
cg24997585	GABRB3;GABRB3	0.000471642	0.462246	1.12672	1.12672	0.920875	1.01597	1.01597	0.200735	1.24041	1.24041	0.107629	1.32304	1.32304	3.51E-05	0.279731	-3.57486	0.0266088	1.52034	1.52034	0.0219247	1.5501	1.5501	0.0180352	1.58091	1.58091	0.00218615	0.504038	-1.98398	14.5237	5.84638	0.357814	1
cg01775260	GABRB3;GABRB3	0.000809259	0.32401	1.24269	1.24269	0.19651	1.33817	1.33817	0.176827	1.35831	1.35831	0.0032408	0.424632	-2.35498	0.722362	0.926723	-1.07907	3.64E-05	0.183309	-5.45526	0.057769	1.58033	1.58033	0.0279189	1.74042	1.74042	0.97133	1.0077	1.0077	12.4916	9.00213	0.640584	1
cg07711309	GABRB3;GABRB3	0.00211886	0.124657	0.625784	-1.59799	0.000522341	4.59507	4.59507	0.00194016	3.44301	3.44301	0.349915	1.31168	1.31168	0.0436251	0.519907	-1.92342	0.990199	0.996542	-1.00347	0.260883	0.718464	-1.39186	0.0023579	3.30771	3.30771	0.688695	0.892654	-1.12025	9.48088	11.9387	1.11932	1
cg02583228	GABRB3;GABRB3	0.00323513	0.0103649	0.272633	-3.66794	0.230857	0.602954	-1.6585	0.0634571	0.431696	-2.31644	0.0680081	0.439254	-2.27659	0.000544841	0.114996	-8.69595	0.382389	0.697273	-1.43416	0.000584088	0.117677	-8.49786	0.238961	1.64281	1.64281	0.00822019	0.256442	-3.89951	8.36819	21.4727	2.28088	1
cg27158462	GABRB3;GABRB3	0.00376711	0.685928	0.891046	-1.12228	0.000254568	0.180874	-5.52871	0.169153	1.51537	1.51537	0.103456	1.65755	1.65755	0.0819834	1.7278	1.7278	0.172386	1.51003	1.51003	0.0234879	2.15516	2.15516	0.0283494	2.08424	2.08424	0.205321	1.46107	1.46107	7.99553	10.1962	1.13354	1
cg20658635	GABRB3;GABRB3	0.00384916	0.0196489	0.33829	-2.95605	0.383198	0.709025	-1.41039	0.520376	1.28473	1.28473	0.581155	0.807125	-1.23897	0.000563691	0.128027	-7.81083	0.0510588	0.425507	-2.35014	0.00026852	0.100353	-9.9648	0.400212	0.718101	-1.39256	0.197794	0.592465	-1.68786	7.94391	18.6045	2.08176	1
cg04336814	GABRB3;GABRB3	0.0093623	0.00928308	0.282993	-3.53365	0.123655	1.89216	1.89216	0.391674	0.714894	-1.39881	0.258146	0.636839	-1.57026	0.0750092	0.468482	-2.13455	0.303716	1.50287	1.50287	0.00132973	0.167838	-5.95813	0.0393606	2.48824	2.48824	0.322848	0.6767	-1.47776	6.03619	13.9815	2.05891	1
cg25842107	GABRB3;GABRB3	0.00975293	0.0101907	0.382474	-2.61455	0.276146	1.3994	1.3994	0.00196846	3.66028	3.66028	0.956513	1.01631	1.01631	0.0542837	0.52315	-1.9115	0.0565589	1.89709	1.89709	0.290623	0.722289	-1.38449	0.269413	1.40661	1.40661	0.141454	0.62559	-1.59849	5.95806	8.30392	1.23887	1
cg18730034	GABRB3;GABRB3	0.012572	0.0802157	1.59927	1.59927	0.00537736	0.412012	-2.42711	0.00260973	0.36469	-2.74205	0.480191	0.840609	-1.18961	0.648664	0.894959	-1.11737	0.546162	1.15924	1.15924	0.0941824	1.56078	1.56078	0.347183	0.791214	-1.26388	0.0463366	0.575702	-1.73701	5.48976	5.08905	0.824007	1
cg24597512	GABRB3;GABRB3	0.0125826	0.804707	1.07803	1.07803	0.000573423	0.198531	-5.037	0.443765	1.26718	1.26718	0.658722	1.14431	1.14431	0.193749	1.51742	1.51742	0.49845	1.23172	1.23172	0.020488	2.3321	2.3321	0.127784	1.64764	1.64764	0.790554	1.08407	1.08407	5.48826	7.99441	1.29479	1
cg03895857	GABRB3;GABRB3	0.0169292	0.131585	2.36481	2.36481	0.0108271	5.43169	5.43169	0.267503	1.84187	1.84187	0.0617945	3.04119	3.04119	0.0594045	3.08089	3.08089	0.0968378	2.62146	2.62146	0.00102564	13.1082	13.1082	0.0116145	5.30243	5.30243	0.0385604	3.55071	3.55071	4.97642	22.0362	3.93611	1
cg11099236	GABRB3;GABRB3	0.0217721	0.369351	0.760987	-1.31408	0.0132071	0.402488	-2.48455	0.00348484	0.308976	-3.2365	0.708466	0.894687	-1.11771	0.358467	1.32281	1.32281	0.201448	1.49133	1.49133	0.0476606	1.95616	1.95616	0.655993	0.875616	-1.14205	0.144726	0.628715	-1.59055	4.57023	6.35321	1.23567	1
cg01251603	GABRB3;GABRB3	0.0218007	0.499503	1.32205	1.32205	0.0109641	0.272494	-3.66981	0.470068	1.34893	1.34893	0.290406	1.56342	1.56342	0.242907	1.64495	1.64495	0.131748	1.93989	1.93989	0.0045725	4.6545	4.6545	0.0168716	3.27828	3.27828	0.422089	1.39654	1.39654	4.56818	12.0014	2.33527	1
cg18707501	GABRB3;GABRB3	0.0283231	0.434191	0.85613	-1.16805	0.000804306	0.373615	-2.67655	0.08439	0.68962	-1.45007	0.878731	0.970716	-1.03017	0.600871	0.902351	-1.10822	0.444098	0.859096	-1.16401	0.852148	1.03699	1.03699	0.0127031	0.547252	-1.82731	0.515143	0.87944	-1.13709	4.17088	2.50306	0.533446	1
cg27384569	GABRB3;GABRB3	0.0383246	0.0499596	0.245581	-4.07197	0.0055752	0.101612	-9.84132	0.0517827	0.249038	-4.01545	0.25108	0.470863	-2.12376	0.0626001	0.268176	-3.72889	0.0750342	0.287881	-3.47366	0.0081003	0.118887	-8.41138	0.593378	0.712833	-1.40285	0.0510321	0.247624	-4.03838	3.74147	23.3762	5.55367	1
cg23694371	GABRB3;GABRB3	0.0435363	0.867185	1.06558	1.06558	0.262568	1.55784	1.55784	0.65386	1.18683	1.18683	0.0519945	2.31403	2.31403	0.533372	0.787093	-1.2705	0.00646858	3.83273	3.83273	0.0488986	2.34775	2.34775	0.00736468	3.70874	3.70874	0.295152	1.50986	1.50986	3.56934	8.14156	2.02753	1
cg26609236	GABRD	4.76E-05	1.20E-05	0.309689	-3.22904	0.170244	1.20321	1.20321	0.774385	0.964254	-1.03707	2.71E-05	0.350241	-2.85517	0.000186159	0.449709	-2.22366	0.0822036	1.27619	1.27619	0.049075	1.32917	1.32917	0.886321	1.01828	1.01828	0.000378568	0.48707	-2.05309	26.9696	6.85213	0.225839	1
cg22817993	GABRD	0.000205773	0.622766	1.10801	1.10801	2.70E-05	5.55234	5.55234	0.00269651	2.3575	2.3575	6.00E-05	4.6384	4.6384	0.0645874	0.650883	-1.53637	0.000791297	2.85449	2.85449	0.981284	0.995159	-1.00486	0.803795	1.05284	1.05284	0.0986435	1.45441	1.45441	18.2299	12.3539	0.602377	1
cg25384089	GABRD	0.00109082	0.975371	1.01241	1.01241	0.00890902	3.77931	3.77931	0.00863429	3.81056	3.81056	0.571102	0.795574	-1.25695	4.55E-05	0.0459338	-21.7705	0.12587	1.93806	1.93806	0.296012	0.648611	-1.54176	0.286669	1.55586	1.55586	0.69587	1.16994	1.16994	11.4796	29.0199	2.24707	1
cg14974223	GABRD	0.00170622	0.422823	0.848194	-1.17897	0.0644909	1.51843	1.51843	0.866565	1.0344	1.0344	0.019112	1.76888	1.76888	0.00499704	0.473735	-2.11089	0.406359	0.842969	-1.18628	0.000216029	0.288936	-3.46097	0.0148064	1.82762	1.82762	0.1518	1.36178	1.36178	10.0971	6.46746	0.569357	1
cg04847273	GABRD	0.00816012	0.0163934	0.431012	-2.32012	0.108235	0.604876	-1.65323	0.0300201	0.480816	-2.0798	0.0234668	0.460003	-2.1739	0.00489635	0.343069	-2.91486	0.0238572	0.461373	-2.16744	0.000555915	0.215057	-4.64992	0.0993532	0.595554	-1.67911	0.0201253	0.447405	-2.23511	6.30468	8.21888	1.15877	1
cg24105782	GABRD	0.0127904	0.0146853	0.251477	-3.97651	0.132879	0.474661	-2.10677	0.099392	0.43603	-2.29342	0.0794046	0.408676	-2.44693	0.00424703	0.17229	-5.80418	0.05004	0.358112	-2.79242	0.0021617	0.138259	-7.23278	0.00639059	0.195784	-5.10767	0.0333707	0.318979	-3.13501	5.45904	18.2594	2.97316	1
cg10837110	GABRD	0.0265752	0.0602048	0.18132	-5.51511	0.234253	0.366254	-2.73035	0.18293	0.32033	-3.12178	0.104255	0.239153	-4.18142	0.00921975	0.0697684	-14.3331	0.0810902	0.210571	-4.749	0.00119666	0.0218356	-45.7967	0.432899	0.52483	-1.90538	0.0619405	0.18392	-5.43715	4.26531	43.8345	9.13509	1
cg24547253	GABRD	0.0381936	0.467855	0.626625	-1.59585	0.00511415	10.3886	10.3886	0.0633601	3.74772	3.74772	0.940808	1.04811	1.04811	0.137122	0.363054	-2.75441	0.827203	0.87081	-1.14836	0.027456	0.191985	-5.20875	0.449991	1.62756	1.62756	0.926389	0.943205	-1.06021	3.74616	23.755	5.63658	1
cg05654059	GABRD	0.0398736	0.489726	0.657569	-1.52075	0.0883685	0.325212	-3.07492	0.0592312	0.280148	-3.56954	0.0852134	0.320811	-3.1171	0.00701911	0.124617	-8.02461	0.187881	0.434425	-2.30189	0.00485526	0.107395	-9.31144	0.485732	0.654951	-1.52683	0.0332794	0.226168	-4.42149	3.68743	20.845	5.02488	1
cg07701567	GABRD	0.0402335	0.140668	0.828905	-1.20641	0.0711107	1.26961	1.26961	0.317163	0.88476	-1.13025	0.454556	1.09439	1.09439	0.525014	0.926567	-1.07925	0.172869	1.18739	1.18739	0.00346502	1.59979	1.59979	0.255738	0.868939	-1.15083	0.253565	1.15164	1.15164	3.67525	0.816074	0.197374	1
cg27049053	GABRE	0.00189126	0.00164344	0.302128	-3.30986	0.00665211	0.392539	-2.54752	0.0571369	0.564686	-1.7709	0.322521	1.31174	1.31174	0.000212555	0.193354	-5.17185	0.354669	1.28768	1.28768	0.0417869	0.536291	-1.86466	0.0709839	1.70852	1.70852	0.227113	0.714117	-1.40033	9.80005	10.9438	0.992629	1
cg10276549	GABRE	0.00226002	0.191055	0.710538	-1.40738	0.305064	0.769379	-1.29975	0.0549583	0.584365	-1.71126	0.0597294	1.68955	1.68955	0.000277985	0.230324	-4.34171	0.00279246	0.361585	-2.7656	0.640116	0.890264	-1.12326	0.00842395	2.29465	2.29465	0.383682	0.802117	-1.2467	9.30368	8.97868	0.857838	1
cg19930575	GABRE	0.00411838	0.00152038	0.201257	-4.96877	0.274769	0.670993	-1.49033	0.0166825	0.358389	-2.79027	0.0053115	0.275309	-3.63228	0.27523	0.671271	-1.48971	0.186872	1.63438	1.63438	0.212193	0.63039	-1.58632	0.00526434	0.274724	-3.64002	0.00112282	0.1856	-5.38792	7.78371	15.1991	1.73571	1
cg16410962	GABRE	0.0401745	0.0219683	0.151443	-6.60314	0.5549	0.663517	-1.50712	0.149461	0.345911	-2.89092	0.404359	0.556528	-1.79686	0.00620616	0.0862242	-11.5977	0.110368	0.302685	-3.30377	0.00875216	0.100887	-9.91204	0.877917	1.11136	1.11136	0.0470704	0.209948	-4.76308	3.67724	27.4748	6.64142	1
cg00018204	GABRE;MIR452	0.000925326	0.87052	1.03617	1.03617	0.0257873	0.56174	-1.78018	0.00174611	0.378289	-2.64348	0.0208401	0.545588	-1.83289	0.0011522	0.353275	-2.83065	0.477425	1.17041	1.17041	0.0114599	1.992	1.992	0.000349957	0.285952	-3.49709	0.0065755	0.46355	-2.15726	12.028	9.03982	0.668058	1
cg16618605	GABRE;MIR452	0.0369402	0.0433268	0.311658	-3.20865	0.913463	0.946927	-1.05605	0.467898	0.690371	-1.4485	0.0588977	0.342941	-2.91595	0.0169998	0.232234	-4.30601	0.396757	0.647057	-1.54546	0.983251	1.01059	1.01059	0.0108538	0.200954	-4.97627	0.00607563	0.165766	-6.03259	3.7921	15.1141	3.54283	1
cg16091553	GABRG1	0.000133195	0.0656838	1.3635	1.3635	0.355603	1.15332	1.15332	4.53E-05	3.18335	3.18335	0.166129	1.24815	1.24815	0.00978511	0.61243	-1.63284	0.000177079	0.385167	-2.59627	0.477488	0.897253	-1.11451	0.981782	0.996578	-1.00343	0.000163148	2.62613	2.62613	20.5024	7.31694	0.317229	1
cg14476700	GABRG1	0.000151245	0.384344	1.14723	1.14723	3.23E-05	0.287901	-3.47342	0.00616349	1.73357	1.73357	0.19186	1.23707	1.23707	0.549826	1.09766	1.09766	0.00921746	0.601087	-1.66365	0.000754486	0.455347	-2.19613	0.00178254	1.98341	1.98341	0.00591456	1.741	1.741	19.8127	7.44088	0.333832	1
cg16332065	GABRG1	0.012874	0.0335199	1.6624	1.6624	?	?	?	0.00291479	2.30966	2.30966	0.00700895	2.04122	2.04122	0.350792	1.21717	1.21717	0.784664	0.945489	-1.05765	0.419439	0.844657	-1.18391	0.889176	0.97187	-1.02894	0.00934052	1.96342	1.96342	5.55306	3.27409	0.589601	1
cg22324939	GABRG1	0.0216375	0.089022	1.4347	1.4347	0.0100873	0.53537	-1.86787	0.0466353	1.55033	1.55033	0.0131201	1.80762	1.80762	0.102709	1.41004	1.41004	0.424317	0.854675	-1.17004	0.310056	0.816969	-1.22404	0.282012	0.806412	-1.24006	0.430084	1.16766	1.16766	4.57995	2.68661	0.521424	1
cg08566437	GABRG2;GABRG2;GABRG2	0.00046405	0.713161	1.04627	1.04627	0.0184487	0.704585	-1.41928	0.0452283	1.325	1.325	0.000329208	2.03493	2.03493	0.0115997	1.4719	1.4719	0.0261319	1.38165	1.38165	0.0291264	0.729814	-1.37021	0.000297003	0.486038	-2.05745	0.0233771	1.39353	1.39353	14.5891	3.46705	0.211241	1
cg04550524	GABRG2;GABRG2;GABRG2	0.00989725	0.00136231	0.365581	-2.73537	0.879327	1.03343	1.03343	0.00325466	0.419559	-2.38346	0.289969	0.788404	-1.26838	0.118632	0.693016	-1.44297	0.154219	0.718807	-1.39119	0.00185685	0.384376	-2.60162	0.209017	0.750768	-1.33197	0.331942	0.805192	-1.24194	5.93017	4.401	0.659678	1
cg09220361	GABRG2;GABRG2;GABRG2	0.0104581	0.991203	0.998445	-1.00156	0.410799	1.12603	1.12603	0.0163583	1.51314	1.51314	0.426327	1.12146	1.12146	0.0301332	0.697765	-1.43315	0.00254592	0.553822	-1.80563	0.12054	0.788492	-1.26824	0.106406	0.779723	-1.28251	0.0498088	1.3713	1.3713	5.82641	1.83782	0.280382	1
cg26116742	GABRG2;GABRG2;GABRG2	0.0169081	0.0322121	0.53516	-1.8686	0.0219772	1.98353	1.98353	0.0566411	1.71217	1.71217	0.0636892	0.594766	-1.68133	0.0202431	2.00932	2.00932	0.952884	1.01484	1.01484	0.0683	0.601252	-1.6632	0.0883053	1.59795	1.59795	0.993187	1.00213	1.00213	4.9785	4.89803	0.874521	1
cg03886192	GABRG2;GABRG2;GABRG2	0.0282722	0.520856	0.878101	-1.13882	0.366196	1.20375	1.20375	0.340185	1.21695	1.21695	0.00212808	0.422184	-2.36863	0.222034	0.773861	-1.29222	0.946869	1.0134	1.0134	0.0573701	0.650901	-1.53633	0.840575	1.04105	1.04105	0.0433314	1.59076	1.59076	4.17353	2.6374	0.56172	1
cg09459714	GABRG3	8.91E-05	0.112186	0.790531	-1.26497	4.95E-06	0.242787	-4.11884	0.154322	1.23026	1.23026	0.560765	0.923175	-1.08322	0.00216286	0.557064	-1.79513	0.000221702	0.433517	-2.30671	0.0786599	1.30399	1.30399	0.0378119	1.38727	1.38727	0.00173914	0.545061	-1.83466	22.8336	6.67913	0.260012	1
cg16384136	GABRG3	0.00016004	0.00559827	0.404759	-2.47061	0.000351487	0.239798	-4.17017	0.959119	0.987336	-1.01283	0.00120643	3.25048	3.25048	0.0566185	0.584785	-1.71003	0.00133113	3.19039	3.19039	0.00213264	0.342002	-2.92396	0.00032405	4.24379	4.24379	0.347867	1.27164	1.27164	19.5129	19.1042	0.870267	1
cg02281208	GABRG3	0.000248803	0.00730046	0.774412	-1.2913	0.00633392	0.768997	-1.30039	0.00829539	0.779273	-1.28325	0.00310547	0.741596	-1.34844	0.118185	0.882178	-1.13356	0.766559	1.02224	1.02224	1.15E-05	0.502733	-1.98913	0.000355582	0.654637	-1.52756	0.000453391	0.664718	-1.5044	17.3126	1.49731	0.0768773	1
cg05678749	GABRG3	0.000680602	0.975462	1.00553	1.00553	0.774054	0.949676	-1.05299	0.399625	1.16728	1.16728	9.01E-05	3.51299	3.51299	0.229767	1.25364	1.25364	0.00149279	2.27394	2.27394	0.00894987	0.550768	-1.81565	0.00051534	2.64374	2.64374	0.0721231	1.43344	1.43344	13.1138	6.68365	0.453038	1
cg08460080	GABRG3	0.00082111	0.434493	1.15698	1.15698	0.000788078	0.395422	-2.52894	6.48E-05	0.261359	-3.82616	0.691698	1.0756	1.0756	0.0510475	0.666083	-1.50131	0.154513	0.75679	-1.32137	?	?	?	0.00557656	0.513929	-1.94579	0.00400683	0.493071	-2.02811	12.7381	5.99604	0.470717	1
cg12250645	GABRG3	0.00173114	0.00624174	0.545521	-1.83311	0.0188754	1.62179	1.62179	0.182776	1.27172	1.27172	0.314838	1.19329	1.19329	0.00508202	0.532765	-1.877	0.113479	1.3402	1.3402	0.000951926	0.432877	-2.31013	0.00821518	1.77693	1.77693	0.431717	0.872464	-1.14618	10.0548	4.60331	0.406953	1
cg18576667	GABRG3	0.00196585	0.0140447	2.29357	2.29357	0.00101166	3.80049	3.80049	0.607888	0.867905	-1.1522	0.0137715	2.3015	2.3015	0.034597	0.509414	-1.96304	0.0614376	1.78036	1.78036	0.000923126	3.87573	3.87573	0.00278831	3.09072	3.09072	0.835522	1.05856	1.05856	9.69039	11.5012	1.05499	1
cg08920810	GABRG3	0.00217308	0.690129	0.925303	-1.08073	0.000617771	0.360238	-2.77594	0.000805351	0.375457	-2.66342	0.513144	0.879431	-1.1371	0.997234	1.00067	1.00067	0.563759	1.1197	1.1197	0.00417023	2.10386	2.10386	0.0543422	0.655097	-1.52649	0.0494796	0.647751	-1.5438	9.41112	5.59386	0.528345	1
cg26856494	GABRG3	0.00308062	0.000661503	0.19026	-5.25596	0.0131916	0.376159	-2.65845	0.0206615	0.411975	-2.42733	0.683721	1.13921	1.13921	0.0176494	0.399103	-2.50562	0.155805	0.616792	-1.62129	0.0810996	0.540421	-1.85041	0.178004	0.634166	-1.57687	0.000238631	0.144284	-6.93076	8.49099	13.617	1.42551	1
cg21711132	GABRG3	0.00322019	0.125808	0.764143	-1.30866	0.806111	1.04074	1.04074	0.00093626	0.448507	-2.22962	0.166625	1.27058	1.27058	0.0393052	0.67894	-1.47288	0.921721	1.01609	1.01609	0.000251957	0.375287	-2.66463	0.789459	0.957472	-1.04442	0.354659	1.16722	1.16722	8.37974	3.49975	0.371239	1
cg19816354	GABRG3	0.0034983	0.00216366	0.347093	-2.88107	0.00163805	0.330027	-3.03005	0.00828574	0.436156	-2.29276	0.334255	0.782867	-1.27736	0.00201297	0.342622	-2.91867	0.137913	1.48096	1.48096	0.177915	1.42176	1.42176	0.73584	0.920137	-1.08679	0.199025	0.716349	-1.39597	8.17499	7.82294	0.850609	1
cg04646186	GABRG3	0.00495646	0.0867093	0.64624	-1.54741	0.51727	1.16357	1.16357	0.482421	0.848121	-1.17908	0.0934302	1.53076	1.53076	0.00264998	0.383072	-2.61048	0.450819	1.19397	1.19397	0.000808892	0.31161	-3.20914	0.241496	1.32697	1.32697	0.0144733	0.498945	-2.00423	7.35821	6.20488	0.749564	1
cg09868640	GABRG3	0.0067908	0.948299	0.986874	-1.0133	0.779909	1.05874	1.05874	0.578797	1.12104	1.12104	0.00146001	0.39201	-2.55095	0.0102836	0.517419	-1.93267	0.177512	1.33909	1.33909	0.0112406	1.91001	1.91001	0.0295822	0.593387	-1.68524	0.137728	0.722041	-1.38496	6.67793	4.39056	0.584421	1
cg19843449	GABRG3	0.0124646	0.335872	1.5443	1.5443	0.0152317	3.68841	3.68841	0.265225	1.66274	1.66274	0.0260964	3.17753	3.17753	0.0106091	4.08499	4.08499	0.00928941	4.24323	4.24323	0.40226	0.687015	-1.45557	0.00408068	5.40812	5.40812	0.0109674	4.04653	4.04653	5.50512	16.7208	2.69984	1
cg21555123	GABRG3	0.0157948	0.297005	1.44225	1.44225	0.00525015	3.47942	3.47942	0.00218796	4.28574	4.28574	0.639229	0.852215	-1.17341	0.0609136	0.488962	-2.04515	0.210195	1.56399	1.56399	0.0414371	2.21781	2.21781	0.46165	1.28894	1.28894	0.651069	1.16674	1.16674	5.0928	9.25287	1.61498	1
cg02769599	GABRG3	0.0217819	0.298126	1.34127	1.34127	0.0147744	2.26298	2.26298	0.39803	1.26563	1.26563	0.442331	1.2377	1.2377	0.174724	1.48139	1.48139	0.0299604	2.00408	2.00408	0.00143633	3.50648	3.50648	0.00746072	2.55457	2.55457	0.501628	1.20401	1.20401	4.56952	5.36359	1.04335	1
cg19643545	GABRG3	0.0277187	0.912189	1.03112	1.03112	0.00306897	0.324233	-3.0842	0.623889	0.871702	-1.14718	0.718172	1.10594	1.10594	0.869859	1.04661	1.04661	0.764972	1.08687	1.08687	0.00441999	2.87349	2.87349	0.691204	1.11731	1.11731	0.46778	1.22785	1.22785	4.20269	5.1379	1.08669	1
cg27553667	GABRG3	0.0306816	0.521803	1.16697	1.16697	0.694704	1.09835	1.09835	0.709477	0.914845	-1.09308	0.54535	1.15668	1.15668	0.201791	1.37789	1.37789	0.351262	1.25627	1.25627	0.394194	0.812573	-1.23066	0.000715861	0.293763	-3.40411	0.886978	1.0344	1.0344	4.05431	3.63166	0.796224	1
cg24244000	GABRG3	0.0409196	0.270601	0.718143	-1.39248	0.85377	0.948138	-1.0547	0.843589	1.05868	1.05868	0.894456	0.962412	-1.03906	0.0105478	0.395077	-2.53115	0.0854197	0.57762	-1.73124	0.00802475	0.37514	-2.66567	0.219137	0.688653	-1.45211	0.00988556	0.390284	-2.56224	3.65238	4.81936	1.1729	1
cg18483611	GABRP	0.000288038	0.448874	0.818935	-1.2211	0.00265948	0.341074	-2.93192	0.00427928	0.371907	-2.68885	0.00141352	0.302414	-3.30673	7.23E-05	0.154107	-6.489	0.0252347	0.502203	-1.99123	5.83E-05	0.145457	-6.87488	0.200411	0.704645	-1.41915	0.000239801	0.207304	-4.82382	16.6343	17.6493	0.94313	1
cg08542751	GABRP	0.000745984	0.0020985	0.297411	-3.36235	0.829717	0.941429	-1.06222	3.94E-05	0.110379	-9.05968	0.226702	0.700683	-1.42718	0.000740903	0.237937	-4.20279	0.53947	0.840215	-1.19017	0.00257534	0.310029	-3.22551	0.00382598	0.335317	-2.98225	0.0635602	0.557346	-1.79422	12.7808	15.8968	1.10561	1
cg26430986	GABRP	0.00590001	0.0756663	0.428556	-2.33342	0.32616	0.647636	-1.54408	0.672781	0.833571	-1.19966	0.339988	1.52412	1.52412	7.68E-05	0.0464151	-21.5447	0.166054	0.531039	-1.8831	0.192706	0.553889	-1.80542	0.0801482	0.435212	-2.29773	0.413532	0.698915	-1.43079	6.97523	20.2868	2.58525	1
cg27189967	GABRQ	0.00439217	0.0448763	1.6511	1.6511	0.0242454	0.557069	-1.79511	0.0514566	0.616968	-1.62083	0.0309139	0.575828	-1.73663	0.000900156	0.338842	-2.95123	0.0181514	1.86796	1.86796	0.606258	1.11991	1.11991	0.0783475	0.653155	-1.53103	0.095745	0.671299	-1.48965	7.63365	5.73571	0.667885	1
cg11714014	GABRQ	0.00559242	0.00401761	0.284022	-3.52085	0.00858977	0.335693	-2.97891	0.223038	0.659051	-1.51733	0.375136	1.34505	1.34505	0.0270268	0.426314	-2.34569	0.0527345	0.488168	-2.04847	0.000449971	0.165	-6.06059	0.604762	1.18534	1.18534	0.0996364	0.555608	-1.79983	7.09116	11.9105	1.493	1
cg23877661	GABRQ	0.0123047	0.0104179	0.2951	-3.38868	0.00199127	0.1917	-5.21647	0.0884225	0.491022	-2.03657	0.0856455	0.487317	-2.05205	0.0266063	0.369975	-2.70288	0.0300513	0.380787	-2.62614	0.0054543	0.250792	-3.98737	0.00856138	0.281085	-3.55764	0.120574	0.528845	-1.89091	5.52829	12.5353	2.01554	1
cg02879659	GABRQ	0.0248306	0.488563	0.742684	-1.34647	0.00137642	0.140565	-7.11415	0.0239586	0.320192	-3.12313	0.923555	0.960233	-1.04141	0.086309	0.4488	-2.22817	0.151413	0.522097	-1.91535	0.0415795	0.370318	-2.70038	0.175113	0.543515	-1.83987	0.243649	1.67493	1.67493	4.36754	12.3649	2.51652	1
cg06177698	GABRQ	0.0372118	0.0616746	0.32915	-3.03813	0.866574	0.915044	-1.09284	0.0648199	0.334572	-2.9889	0.339571	0.594701	-1.68152	0.00453254	0.135775	-7.36513	0.0230274	0.238039	-4.201	0.0379574	0.280706	-3.56245	0.0145103	0.203926	-4.90375	0.311623	0.575406	-1.7379	3.78198	16.6976	3.92447	1
cg23625378	GABRR1	0.00661277	0.18267	1.3319	1.3319	0.217832	0.76895	-1.30047	0.009225	0.511808	-1.95386	0.823335	1.04636	1.04636	0.382267	1.19914	1.19914	0.00145783	0.393873	-2.53889	0.962855	0.990606	-1.00948	0.0137377	0.539327	-1.85416	0.0192109	1.77556	1.77556	6.73332	4.38013	0.578236	1
cg01393985	GABRR1	0.014114	0.677278	1.09042	1.09042	0.0106834	0.514922	-1.94204	0.00226654	0.413376	-2.41911	0.0189154	0.555466	-1.80029	0.00787602	0.494045	-2.02411	0.439585	1.17708	1.17708	0.508121	0.87035	-1.14896	0.649094	1.09938	1.09938	0.326459	0.810957	-1.23311	5.28577	3.58129	0.602252	1
cg25671376	GABRR1	0.016434	0.0487748	0.418575	-2.38906	0.344964	0.68631	-1.45707	0.0307931	0.374715	-2.6687	0.609665	0.819331	-1.22051	0.0859686	0.479851	-2.08398	0.0211546	0.342085	-2.92325	0.41263	0.723141	-1.38286	0.000448208	0.117371	-8.51998	0.794186	0.903775	-1.10647	5.026	11.9208	2.1083	1
cg04014297	GABRR1	0.021812	0.141092	0.640446	-1.56141	0.00470014	0.347282	-2.8795	0.00446288	0.343821	-2.90849	0.235342	0.704601	-1.41924	0.0636904	0.556069	-1.79834	0.139335	0.63899	-1.56497	0.0793867	1.73012	1.73012	0.159991	0.655323	-1.52597	0.708703	0.89974	-1.11143	4.56736	5.73259	1.11566	1
cg00333528	GABRR1;GABRR1	0.0162877	0.896661	0.958397	-1.04341	0.0358216	0.449937	-2.22253	0.00653881	0.314938	-3.17523	0.0355761	0.449308	-2.22564	0.00734181	0.323005	-3.09593	0.601756	1.1879	1.1879	0.067899	0.512378	-1.95168	0.053655	2.04739	2.04739	0.252816	0.67666	-1.47785	5.041	8.53765	1.50546	1
cg02159996	GABRR1;GABRR1	0.0176673	0.42101	1.31824	1.31824	0.66234	0.862701	-1.15915	0.0533753	0.478267	-2.09088	0.140731	0.587098	-1.70329	0.000657386	0.173014	-5.77989	0.0946483	1.85416	1.85416	0.441964	0.768348	-1.30149	0.460322	1.28743	1.28743	0.515071	0.801027	-1.2484	4.90578	8.77722	1.59036	1
cg26284300	GABRR2	5.10E-05	0.00274064	0.628951	-1.58995	0.132164	1.19991	1.19991	0.204327	1.16211	1.16211	0.000744123	0.563137	-1.77577	4.78E-05	0.423626	-2.36057	0.000284201	0.514307	-1.94437	0.00702716	0.676467	-1.47827	0.01213	1.42005	1.42005	1.16E-05	0.352392	-2.83775	26.4772	5.27513	0.177096	1
cg27391540	GABRR2	7.97E-05	0.0113334	1.59094	1.59094	0.561364	0.917593	-1.08981	0.00497278	0.580119	-1.72378	0.130671	1.27001	1.27001	2.88E-06	0.194285	-5.14708	0.0148889	1.55052	1.55052	0.0116866	1.58631	1.58631	0.0369926	1.42578	1.42578	0.113746	0.777249	-1.28659	23.52	7.98843	0.301906	1
cg14871444	GABRR2	0.000227769	0.450209	1.10986	1.10986	0.811007	1.03299	1.03299	0.59432	0.929761	-1.07554	0.000102857	0.394084	-2.53753	0.29262	1.15942	1.15942	4.57E-05	0.352124	-2.83991	8.46E-05	0.383907	-2.60479	0.94557	0.990793	-1.00929	0.445428	0.89998	-1.11114	17.7339	5.1552	0.258398	1
cg21607236	GABRR2	0.00834993	0.228713	0.734193	-1.36204	0.743596	1.08359	1.08359	0.125553	0.666648	-1.50004	0.111535	0.654462	-1.52797	0.00599001	0.415365	-2.40752	0.00020635	0.218662	-4.57326	0.446195	0.827022	-1.20916	0.986764	0.995951	-1.00407	0.0756605	0.61653	-1.62198	6.25913	5.93061	0.842234	1
cg21126035	GABRR2	0.0322555	0.430208	0.806859	-1.23937	0.877286	0.959653	-1.04204	0.0406249	0.532552	-1.87775	0.945297	1.01846	1.01846	0.275744	1.35283	1.35283	0.373494	0.783887	-1.27569	0.000991461	0.271418	-3.68435	0.867126	1.04564	1.04564	0.115044	0.633362	-1.57888	3.98252	4.4806	1.00006	1
cg13330911	GABRR2	0.032327	0.0194361	0.640808	-1.56053	0.151582	0.785058	-1.27379	0.0960434	0.749844	-1.33361	0.411021	0.875984	-1.14157	0.772179	0.955305	-1.04679	0.458827	1.12615	1.12615	0.00883037	1.69059	1.69059	0.083157	0.739234	-1.35275	0.107036	0.757971	-1.31931	3.97936	1.56352	0.349251	1
cg01889883	GABRR2	0.04868	0.470779	0.88118	-1.13484	0.512929	0.891897	-1.12121	0.352613	1.17929	1.17929	0.590637	0.910624	-1.09815	0.0952506	1.37168	1.37168	0.956885	1.00936	1.00936	0.00132707	2.23646	2.23646	0.27118	1.21836	1.21836	0.551294	1.10952	1.10952	3.4227	1.61138	0.418481	1
cg02058357	GABRR3	3.05E-05	0.008053	0.657038	-1.52198	0.000730191	0.529738	-1.88773	0.00040404	0.498638	-2.00546	0.0391252	0.744232	-1.34367	4.22E-06	0.268196	-3.72862	3.21E-05	0.367488	-2.72118	3.09E-05	0.365588	-2.73532	0.0609067	0.769983	-1.29873	3.06E-05	0.365001	-2.73972	30.3301	7.35443	0.215538	1
cg03520471	GABRR3	0.00194725	0.0510944	0.661006	-1.51285	0.0627176	0.676881	-1.47736	4.75E-05	0.23978	-4.1705	0.0907839	0.706659	-1.41511	0.00364926	0.480596	-2.08075	0.198279	0.776187	-1.28835	0.0979389	0.712975	-1.40257	0.135964	1.34906	1.34906	0.0461227	0.653223	-1.53087	9.71724	5.34418	0.488862	1
cg15500084	GABRR3	0.0226474	0.0178075	1.38038	1.38038	0.781155	1.03165	1.03165	0.902773	1.01377	1.01377	0.0981093	1.2251	1.2251	0.117997	1.20917	1.20917	0.804549	0.972638	-1.02813	0.000581032	1.81363	1.81363	0.756432	1.03543	1.03543	0.49304	1.08101	1.08101	4.50878	0.894074	0.176263	1
cg15126544	GAD1;GAD1	0.000678558	0.000415364	17.9978	17.9978	0.769239	1.16395	1.16395	0.204931	1.99423	1.99423	0.150333	0.451273	-2.21596	0.00282226	0.119694	-8.35462	0.0651358	0.343473	-2.91143	0.00117752	11.6627	11.6627	0.397125	1.56435	1.56435	0.000824111	13.4661	13.4661	13.1248	55.3618	3.74943	1
cg04105250	GAD1;GAD1	0.00093989	0.123941	1.49468	1.49468	0.251195	1.33537	1.33537	0.48417	0.842392	-1.1871	0.0132147	0.476661	-2.09793	0.00055271	0.274341	-3.6451	0.108655	0.655655	-1.52519	0.000860365	3.3441	3.3441	0.00550044	0.414603	-2.41194	0.0213832	1.94847	1.94847	11.975	11.0368	0.819248	1
cg09144707	GAD1;GAD1	0.00146607	0.0308616	1.92578	1.92578	0.607006	1.14353	1.14353	0.263278	1.35185	1.35185	0.0601603	0.578068	-1.7299	0.00101323	0.283526	-3.52701	0.470429	0.827116	-1.20902	0.00481931	2.62936	2.62936	0.00299164	0.349026	-2.86511	0.0060678	2.52517	2.52517	10.5488	11.1641	0.940741	1
cg02723395	GAD1;GAD1	0.00284886	0.0139329	2.88157	2.88157	0.66932	1.16148	1.16148	0.698381	1.14531	1.14531	0.131816	0.567364	-1.76254	0.00650061	0.291592	-3.42945	0.257055	0.66223	-1.51005	0.0012706	5.14555	5.14555	0.0409873	0.439659	-2.27449	0.00586336	3.51341	3.51341	8.69035	16.7089	1.70906	1
cg03443455	GAD1;GAD1	0.00535268	0.0018048	4.76302	4.76302	0.356241	0.716238	-1.39618	0.579294	0.821217	-1.2177	0.961587	0.983203	-1.01708	0.00628551	0.28594	-3.49723	0.163369	0.592611	-1.68745	0.0224305	2.61676	2.61676	0.0608662	0.475623	-2.10251	0.0257296	2.53864	2.53864	7.18717	14.0807	1.74146	1
cg03448612	GAD1;GAD1	0.00591303	0.75668	1.04403	1.04403	0.000316902	2.24505	2.24505	0.0162683	1.5029	1.5029	0.702395	1.05467	1.05467	0.54427	1.08882	1.08882	0.340424	1.14593	1.14593	0.101715	0.78005	-1.28197	0.0196237	0.676454	-1.4783	0.502718	1.0989	1.0989	6.97049	2.1221	0.270614	1
cg21535772	GAD1;GAD1	0.0251612	0.125706	0.747291	-1.33817	0.839879	0.965061	-1.0362	0.911804	1.01967	1.01967	0.0919752	0.721728	-1.38556	0.0428688	0.663841	-1.50639	0.262924	1.22775	1.22775	0.0250418	1.59782	1.59782	0.105715	0.732955	-1.36434	0.01192	1.73612	1.73612	4.3475	2.12791	0.435071	1
cg01089249	GAD1;GAD1	0.0451501	0.0285179	0.347526	-2.87748	0.0313297	0.355972	-2.80921	0.706154	0.856502	-1.16754	0.141334	0.523687	-1.90954	0.00866119	0.254481	-3.92956	0.197705	0.573031	-1.74511	0.0479987	0.396766	-2.52038	0.0118671	0.276794	-3.61279	0.121138	0.502921	-1.98839	3.52113	9.3266	2.35444	1
cg00915206	GAD1;GAD1;GAD1;GAD1	0.00190843	0.73303	1.12872	1.12872	0.000416252	7.24206	7.24206	0.437605	1.32316	1.32316	0.71829	0.879755	-1.13668	0.696822	1.14851	1.14851	0.000102045	11.3979	11.3979	0.304777	0.68672	-1.4562	0.843417	0.932452	-1.07244	0.0411109	2.30112	2.30112	9.77433	19.3599	1.76062	1
cg11582100	GAD1;GAD1;GAD1;GAD1	0.0216433	0.476509	1.14815	1.14815	0.578888	0.898534	-1.11292	0.980374	1.00471	1.00471	0.355176	1.19903	1.19903	0.255471	1.25427	1.25427	0.00220277	2.26833	2.26833	0.00987549	0.536763	-1.86302	0.220116	1.27896	1.27896	0.0975982	1.41465	1.41465	4.57953	2.64147	0.51271	1
cg15959715	GAD2;GAD2	0.000101993	0.0670594	0.765396	-1.30651	0.174311	0.828424	-1.20711	0.786287	0.96522	-1.03603	0.91313	1.01432	1.01432	0.0921596	0.785478	-1.27311	0.979524	0.996663	-1.00335	0.136289	0.811328	-1.23255	1.28E-06	5.05496	5.05496	0.260552	0.858257	-1.16515	22.024	5.91806	0.238853	1
cg15762032	GAD2;GAD2	0.000318861	0.418733	0.842981	-1.18627	0.520804	1.14402	1.14402	2.36E-05	5.72471	5.72471	0.182715	1.33952	1.33952	0.386316	0.832277	-1.20152	0.497103	1.15318	1.15318	0.140459	0.720493	-1.38794	5.12E-05	4.79588	4.79588	0.708748	0.925362	-1.08066	16.1777	10.9498	0.601639	1
cg02928885	GAD2;GAD2	0.00130372	0.00235791	0.168581	-5.93186	0.000562799	0.106064	-9.42824	0.00162609	0.150335	-6.65183	0.0446933	0.380155	-2.6305	0.01619	0.291014	-3.43625	0.046582	0.384278	-2.60228	0.000861021	0.122483	-8.16442	0.000362849	0.0908397	-11.0084	0.0207015	0.310688	-3.21866	10.9101	30.4295	2.4792	1
cg10991599	GAD2;GAD2	0.0014495	0.815072	0.968764	-1.03224	0.0203526	1.46046	1.46046	0.122239	1.25466	1.25466	0.837648	1.02818	1.02818	0.864873	0.977194	-1.02334	0.738397	0.955616	-1.04645	0.555255	0.922362	-1.08417	2.00E-05	3.21894	3.21894	0.0297316	1.41415	1.41415	10.5833	3.07507	0.258273	1
cg03476087	GAD2;GAD2	0.00450498	0.020344	0.621551	-1.60888	0.874166	1.02732	1.02732	0.325626	0.841487	-1.18837	0.276631	0.824965	-1.21217	0.189985	0.789751	-1.26622	0.219993	0.803081	-1.2452	0.642191	0.923517	-1.08282	0.000151412	3.02102	3.02102	0.256174	1.22329	1.22329	7.57518	3.46896	0.407056	1
cg14429209	GAD2;GAD2	0.0113333	0.0400992	0.368855	-2.71109	0.00698029	0.230585	-4.33679	0.105495	0.475409	-2.10345	0.167484	0.538686	-1.85637	0.00315963	0.183455	-5.45093	0.0968358	0.464721	-2.15183	0.00106023	0.130643	-7.65446	0.756135	0.877235	-1.13995	0.0632372	0.415458	-2.40698	5.67758	15.8959	2.48868	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17665193	GAD2;GAD2	0.0176268	0.546793	0.82446	-1.21291	0.838841	1.06658	1.06658	0.970689	0.988436	-1.0117	0.0415778	2.10382	2.10382	0.254195	0.685992	-1.45774
cg23052437	GAD2;GAD2	0.0456181	0.133605	0.519053	-1.92659	0.172488	0.555167	-1.80126	0.0189054	0.315931	-3.16525	0.581343	0.797938	-1.25323	0.389776	0.699643	-1.4293
cg04599297	GAD2;GAD2;GAD2;GAD2	0.0426873	0.459237	0.876658	-1.1407	0.0401999	1.513	1.513	0.243954	1.23732	1.23732	0.0226012	1.61112	1.61112	0.275663	0.82029	-1.21908
cg20783262	GADD45A	1.79E-05	0.821112	0.971403	-1.02944	0.866069	1.02186	1.02186	0.11454	0.802614	-1.24593	0.786635	0.965839	-1.03537	0.117509	0.80429	-1.24333
cg27576367	GADD45A	0.000644688	0.472069	0.895373	-1.11685	0.0388274	1.43537	1.43537	0.122633	1.28756	1.28756	0.012524	1.59886	1.59886	0.000312022	0.413399	-2.41897
cg02639608	GADD45A	0.0172473	0.00772591	0.489143	-2.04439	0.174746	0.7396	-1.35208	0.0851055	1.48861	1.48861	0.087411	0.674127	-1.4834	0.134495	0.713749	-1.40105
cg23369529	GADD45A	0.0270246	0.0128934	0.308244	-3.24418	0.779756	1.11278	1.11278	0.492536	0.766679	-1.30433	0.0880703	0.487968	-2.04931	0.020956	0.346839	-2.88318
cg06937495	GADD45A	0.0357307	0.061582	1.26441	1.26441	0.88079	0.983419	-1.01686	0.11156	1.21301	1.21301	0.0371817	1.30935	1.30935	0.0494582	1.28375	1.28375
cg25295063	GADD45B	0.000572986	0.00561825	0.690684	-1.44784	0.181632	0.865591	-1.15528	0.322068	1.10975	1.10975	0.0155263	0.739223	-1.35277	0.215595	0.875747	-1.14188
cg13666550	GADD45B	0.00115779	0.196123	1.84338	1.84338	0.0369063	2.95774	2.95774	0.284498	0.608084	-1.64451	0.495676	1.36278	1.36278	0.997775	0.998753	-1.00125
cg08259617	GADD45B	0.00252832	0.0248529	0.667824	-1.4974	0.845668	1.0299	1.0299	0.0162695	1.55926	1.55926	0.0101925	1.63194	1.63194	0.0382489	1.4377	1.4377
cg00014806	GADD45B	0.00260843	0.122407	0.55806	-1.79192	0.325194	1.42473	1.42473	0.0807099	0.509205	-1.96385	0.00778509	0.304054	-3.28889	0.549345	1.23502	1.23502
cg01485266	GADD45B	0.00444248	0.239584	0.782308	-1.27827	0.541047	1.13129	1.13129	0.729558	0.933151	-1.07164	0.898638	1.02573	1.02573	0.0100028	0.522928	-1.91231
cg22376929	GADD45B	0.0233114	0.00938406	0.191239	-5.22905	0.0349069	3.43722	3.43722	0.968449	1.02006	1.02006	0.622353	0.779326	-1.28316	0.0244356	0.260127	-3.84428
cg16624646	GADD45B	0.0468737	0.0526411	0.797889	-1.25331	0.0398742	0.783907	-1.27566	0.113544	0.838223	-1.193	0.0400599	1.27528	1.27528	0.265679	0.887922	-1.12623
cg00102996	GADD45G	0.000272484	0.0212848	1.65055	1.65055	0.0315285	0.63348	-1.57858	0.371387	1.18076	1.18076	0.648911	0.920371	-1.08652	0.00107699	2.39681	2.39681
cg21210124	GADD45G	0.0167715	0.945459	1.01443	1.01443	0.524077	1.14482	1.14482	0.768731	1.06371	1.06371	0.0396044	0.607426	-1.64629	0.0241759	1.75604	1.75604
cg02374996	GADD45G	0.0495021	0.168383	0.640592	-1.56106	0.0752033	0.548203	-1.82414	0.354618	1.33502	1.33502	0.39386	0.76721	-1.30342	0.0483026	1.9831	1.9831
cg20070077	GADD45G;GADD45G	0.0192067	0.847412	0.984388	-1.01586	0.16133	1.12996	1.12996	0.00695555	1.33005	1.33005	0.328259	1.08592	1.08592	0.00669239	0.750271	-1.33285
cg08821193	GADD45GIP1	0.000188044	0.0699961	1.19333	1.19333	0.183113	0.884053	-1.13115	0.109477	1.16445	1.16445	0.00029027	0.597137	-1.67466	0.000302501	0.599027	-1.66937
cg04410516	GADD45GIP1	0.00487792	0.00422883	0.262879	-3.80403	0.0563089	0.470478	-2.1255	0.375925	0.72832	-1.37302	0.00881575	3.20083	3.20083	0.0410744	0.439396	-2.27585
cg18197795	GADD45GIP1	0.00499133	0.00496892	0.357467	-2.79746	0.00591325	2.70754	2.70754	0.0664035	1.76735	1.76735	0.416345	1.25833	1.25833	0.766429	0.920901	-1.08589
cg26361892	GADD45GIP1	0.0195887	0.212227	1.28683	1.28683	0.112065	0.717435	-1.39385	0.107438	0.713763	-1.40103	0.576402	0.897341	-1.1144	0.00256143	0.448085	-2.23172
cg03539717	GADD45GIP1	0.0202216	0.234066	0.720924	-1.38711	0.012371	2.26335	2.26335	0.0690122	1.70528	1.70528	0.161252	1.48062	1.48062	0.867863	1.04465	1.04465
cg06192753	GADD45GIP1	0.0498283	0.0283233	0.169711	-5.89236	0.566858	1.48678	1.48678	0.432107	0.577345	-1.73207	0.19567	2.55386	2.55386	0.116422	0.310722	-3.21831
cg18005693	GADL1	0.000120379	0.000201473	0.138065	-7.24295	0.000477977	0.179122	-5.58278	1.81E-05	0.0561634	-17.8052	0.426397	0.789022	-1.26739	0.328531	0.744728	-1.34277
cg18047970	GADL1	0.00147497	0.524563	0.868843	-1.15096	0.129651	0.699799	-1.42898	0.770023	1.066	1.066	0.0680522	0.640488	-1.56131	2.39E-05	0.159298	-6.27755
cg02741548	GADL1	0.00152002	0.0104064	0.394388	-2.53557	0.0602682	0.542741	-1.8425	0.0960235	0.590274	-1.69413	0.173987	0.658947	-1.51757	0.000731862	0.227551	-4.39462
cg01431952	GADL1	0.00171811	0.0033586	2.37735	2.37735	0.000411365	0.29605	-3.37781	0.00269795	0.406694	-2.45885	0.0697045	1.55308	1.55308	0.409633	1.20083	1.20083
cg23664512	GADL1	0.00561714	0.0757098	0.637034	-1.56977	0.835135	0.953577	-1.04868	0.0100794	0.476816	-2.09724	0.587741	0.882631	-1.13298	8.80E-05	0.201301	-4.96767
cg16856874	GADL1	0.0104217	0.000625775	0.348822	-2.86679	0.0186037	0.564789	-1.77057	0.011052	0.528266	-1.89299	0.178934	0.751337	-1.33096	0.0752403	0.672581	-1.48681
cg11944518	GADL1	0.023544	0.00700589	0.16976	-5.89068	0.939989	0.962433	-1.03903	0.350582	1.63007	1.63007	0.853622	1.09848	1.09848	0.0112467	0.198881	-5.02813
cg03629794	GADL1	0.0253402	0.0233241	0.529302	-1.88928	0.026114	0.538185	-1.8581	0.190033	0.721966	-1.38511	0.263073	1.31504	1.31504	0.0255828	0.53656	-1.86372
cg04556868	GADL1	0.0298572	0.0249104	0.590122	-1.69457	0.105756	0.705282	-1.41787	0.00621968	0.494209	-2.02343	0.379826	0.836926	-1.19485	0.0909925	0.692191	-1.44469
cg05784594	GAGE10	0.0016736	0.952896	0.989719	-1.01039	0.0853738	0.716992	-1.39472	0.0022066	0.472097	-2.11821	0.14003	0.757485	-1.32016	9.82E-05	0.298091	-3.35468
cg05859577	GAGE10	0.00307089	0.000491634	0.23634	-4.23119	0.0162578	0.459969	-2.17406	0.0387672	0.531319	-1.88211	0.0527609	0.558886	-1.78927	0.00220018	0.321627	-3.10919
cg15840970	GAGE10	0.00855498	0.979852	1.00585	1.00585	0.00597446	0.436007	-2.29354	0.00738684	0.450554	-2.21949	0.022766	0.532818	-1.87681	0.0174892	0.512695	-1.95048
cg14918358	GAGE10	0.010556	0.731983	0.905325	-1.10458	0.214894	0.68543	-1.45894	0.0310709	0.480842	-2.07968	0.0326185	0.485077	-2.06153	0.000221672	0.168748	-5.92601
cg03746520	GAGE10	0.019491	0.0114011	0.0808809	-12.3639	0.0346778	0.141505	-7.06691	0.0410135	0.15373	-6.50489	0.397212	0.50238	-1.99052	0.0204245	0.108743	-9.19601
cg14727709	GAGE10;GAGE10	0.000388993	0.224171	0.715695	-1.39724	0.0590165	0.572052	-1.74809	0.000117448	0.170894	-5.85158	0.000584088	0.248422	-4.02541	2.38E-05	0.10992	-9.09749
cg00772962	GAGE12G;GAGE12D;GAGE2A;GAGE12C;GAGE12E;GAGE8;GAGE12B;GAGE8;GAGE2E;GAGE12H;GAGE2A	2.62E-05	0.691081	0.920102	-1.08684	0.000101099	0.237774	-4.20568	1.41E-05	0.15146	-6.60238	0.00606042	0.473685	-2.11111	4.92E-06	0.113858	-8.78283
cg04886382	GAGE12G;GAGE6;GAGE12C;GAGE12D;GAGE12E	0.00954536	0.270926	1.32849	1.32849	0.0113124	0.455649	-2.19467	0.00591806	0.409765	-2.44042	0.154708	0.685604	-1.45857	0.00145136	0.319788	-3.12708
cg14393649	GAGE12J	0.00512067	0.526463	1.28776	1.28776	0.0100642	0.278078	-3.59611	0.00146826	0.163745	-6.10706	0.0446256	0.403113	-2.48069	0.000353551	0.104234	-9.59383
cg01814152	GAGE1;GAGE1	2.46E-05	0.060492	0.729363	-1.37106	?	?	?	?	?	?	2.59E-05	0.207356	-4.82263	1.07E-06	0.0665903	-15.0172
cg21262652	GAGE1;GAGE1	0.000530947	0.258694	0.742821	-1.34622	0.000206944	0.208602	-4.79381	0.00135576	0.309236	-3.23378	0.00123685	0.303831	-3.29131	0.000113298	0.180831	-5.53001
cg15481819	GAGE2A	0.0289564	0.828778	1.05509	1.05509	0.456997	0.828996	-1.20628	0.00578174	0.408505	-2.44795	0.0686787	0.603801	-1.65618	0.0024159	0.351335	-2.84629
cg10466938	GAGE2A;GAGE12E;GAGE8;GAGE12G;GAGE12B;GAGE8;GAGE12C;GAGE12D;GAGE2E;GAGE12H;GAGE2A	1.45E-05	0.912792	1.00918	1.00918	9.51E-05	0.559999	-1.78572	8.21E-07	0.332931	-3.00363	0.0332243	0.812487	-1.23079	1.25E-05	0.464021	-2.15507
cg20503077	GAGE2A;GAGE2C;GAGE2E;GAGE8;GAGE2A;GAGE8;GAGE8;GAGE2B;GAGE2A	0.00328129	0.815594	0.91881	-1.08836	0.717502	0.876609	-1.14076	0.00221746	0.21143	-4.7297	0.121364	0.544029	-1.83814	6.21E-05	0.0688581	-14.5226
cg05439258	GAGE2A;GAGE2C;GAGE4;GAGE5;GAGE2E;GAGE8;GAGE12I;GAGE2A;GAGE12F;GAGE8;GAGE2D;GAGE8;GAGE2C	0.00523801	0.170805	0.596389	-1.67676	0.072585	0.491676	-2.03386	0.0639829	0.478172	-2.0913	0.0381213	0.426648	-2.34385	0.000489326	0.144295	-6.93023
cg21502629	GAGE2D;GAGE8;GAGE2A;GAGE2E;GAGE8;GAGE2C	0.00116759	0.559961	0.795659	-1.25682	0.00659808	0.254659	-3.92682	0.000874733	0.144335	-6.92832	0.98175	1.00891	1.00891	3.46E-05	0.044813	-22.3149
cg00824714	GAGE2E;GAGE13;GAGE8	0.00460683	0.413307	1.52796	1.52796	0.123566	0.429353	-2.32908	0.00524319	0.154673	-6.46524	0.0109968	0.19848	-5.0383	0.000259663	0.0475708	-21.0213
cg15754755	GAGE2E;GAGE2A;GAGE2A;GAGE8;GAGE4;GAGE2C;GAGE8;GAGE2D;GAGE5;GAGE7;GAGE8;GAGE12I;GAGE2C;G	0.00146538	0.211136	0.700233	-1.4281	0.0233929	0.480649	-2.08052	0.000431905	0.221826	-4.50803	0.0595806	0.562658	-1.77728	7.44E-05	0.142796	-7.00298
cg06256374	GAGE5;GAGE12I;GAGE7;GAGE2A;GAGE2C;GAGE2E;GAGE8;GAGE2A;GAGE4;GAGE8;GAGE2D;GAGE8;GAGE12F;	5.68E-05	0.385036	1.18148	1.18148	0.00129357	0.415683	-2.40568	2.66E-05	0.211288	-4.73287	0.0114698	0.553066	-1.8081	4.85E-06	0.14152	-7.06614
cg20676303	GAGE5;GAGE12I;GAGE7;GAGE2A;GAGE2C;GAGE2E;GAGE8;GAGE2A;GAGE4;GAGE8;GAGE2D;GAGE8;GAGE12F;	0.000167009	0.870947	1.02992	1.02992	0.00379416	0.492594	-2.03007	0.000175179	0.315281	-3.17178	0.0012667	0.426156	-2.34656	1.36E-05	0.192203	-5.20284
cg09839318	GAK	6.63E-05	0.000770227	0.496376	-2.0146	5.62E-05	0.357147	-2.79997	0.000100065	0.387081	-2.58344	0.0139162	0.658425	-1.51878	0.0901357	0.773445	-1.29292
cg04722155	GAK	7.85E-05	6.19E-05	0.232798	-4.29557	0.00796933	1.95684	1.95684	0.000505703	0.342069	-2.92339	0.427501	0.852233	-1.17339	0.879454	1.03041	1.03041
cg03385756	GAK	0.000175575	0.449315	0.86734	-1.15295	0.201783	0.779712	-1.28252	7.33E-05	0.26415	-3.78573	8.56E-06	0.167415	-5.97317	0.474981	0.874488	-1.14353
cg20177485	GAK	0.000254974	0.0501966	1.12345	1.12345	0.00449872	1.21829	1.21829	0.467809	1.03927	1.03927	0.997371	1.00017	1.00017	0.00915628	0.8415	-1.18835
cg21430939	GAK	0.000323697	0.00566019	0.323129	-3.09474	0.08758	0.556088	-1.79828	0.195785	0.653295	-1.5307	0.176544	1.56374	1.56374	5.69E-06	0.0415206	-24.0844
cg11016749	GAK	0.000342683	0.463706	0.850336	-1.17601	0.00255553	0.402691	-2.48329	0.203449	0.746918	-1.33884	0.302271	0.792709	-1.2615	4.60E-06	0.101656	-9.8371
cg03937591	GAK	0.000356086	0.412755	1.09393	1.09393	0.0034904	1.52943	1.52943	0.00277282	0.642526	-1.55636	0.685911	0.957349	-1.04455	0.473399	1.08131	1.08131
cg06201207	GAK	0.000567078	0.0017562	0.563918	-1.77331	0.325095	0.877597	-1.13947	0.135387	0.813179	-1.22974	0.017287	1.4515	1.4515	0.213301	0.845016	-1.18341
cg14816007	GAK	0.000729379	0.00059203	0.407849	-2.45189	0.861324	1.03	1.03	0.00200447	0.478449	-2.09009	0.153234	1.29506	1.29506	0.000249804	0.360017	-2.77765
cg07222844	GAK	0.000738569	0.263128	0.880686	-1.13548	0.027915	0.753581	-1.327	0.520691	0.931552	-1.07348	0.436948	0.917261	-1.0902	0.784494	1.0303	1.0303
cg19107815	GAK	0.000991784	0.565392	0.903212	-1.10716	0.0177397	1.68252	1.68252	0.782501	0.952737	-1.04961	0.0283897	0.628412	-1.59131	2.39E-05	0.19019	-5.25791
cg20536207	GAK	0.001421	0.182843	0.722792	-1.38352	0.0360076	0.571123	-1.75094	0.00681784	0.447087	-2.2367	0.00126927	0.339614	-2.94452	0.000350842	0.267304	-3.74106
cg08604785	GAK	0.00186098	0.595154	1.29141	1.29141	0.473381	0.706291	-1.41585	0.00634774	5.44253	5.44253	0.0102189	4.68345	4.68345	0.0089014	0.204511	-4.88972
cg12601576	GAK	0.00259012	0.239525	1.56662	1.56662	0.43381	0.747439	-1.3379	0.00453849	0.252054	-3.96741	0.849649	1.07162	1.07162	0.0209965	0.363471	-2.75125
cg14517359	GAK	0.00273913	0.00126709	0.449311	-2.22563	0.421428	0.869628	-1.14992	0.00335288	0.507176	-1.9717	0.564841	1.10405	1.10405	0.00405979	0.518828	-1.92742
cg15599409	GAK	0.00275561	0.000951276	0.344345	-2.90407	0.134689	0.705324	-1.41779	0.00372365	0.428236	-2.33516	0.0898321	0.667147	-1.49892	0.000813973	0.3353	-2.9824
cg14108327	GAK	0.00290317	0.0137142	1.7767	1.7767	0.000800743	2.59738	2.59738	0.00132462	2.41256	2.41256	0.259423	1.24842	1.24842	0.00623984	0.510562	-1.95863
cg00704873	GAK	0.0033871	0.0211798	0.413788	-2.41669	0.00145794	0.231338	-4.32268	0.388995	0.754944	-1.3246	0.237991	1.48229	1.48229	0.00055349	0.181434	-5.51164
cg10349919	GAK	0.00349454	0.125576	0.691464	-1.44621	0.37342	1.22551	1.22551	0.772509	0.937523	-1.06664	0.731662	1.07962	1.07962	0.000150955	0.235106	-4.25341
cg02057501	GAK	0.00357248	0.0106686	0.52766	-1.89516	0.250759	1.26999	1.26999	0.991689	1.00208	1.00208	0.225221	1.28876	1.28876	0.00133901	0.395178	-2.5305
cg00248574	GAK	0.0035812	0.00154762	0.186932	-5.34954	0.627158	0.835006	-1.1976	0.00414495	0.242716	-4.12004	0.00191932	0.19827	-5.04363	0.000509557	0.135353	-7.38807
cg16950088	GAK	0.00364175	0.332647	1.3634	1.3634	0.017615	2.44908	2.44908	0.00818447	2.85635	2.85635	0.643621	1.15547	1.15547	0.437771	0.782307	-1.27827
cg08503285	GAK	0.00365256	0.643454	1.1013	1.1013	0.220105	0.765752	-1.30591	0.673552	0.916026	-1.09167	0.786443	0.945336	-1.05783	0.00141028	0.384102	-2.60347
cg24862189	GAK	0.00442521	0.270296	1.15819	1.15819	0.0248779	1.4072	1.4072	0.477539	1.0968	1.0968	0.140992	0.816626	-1.22455	0.00209312	1.73997	1.73997
cg27561431	GAK	0.00455199	0.0302878	0.669597	-1.49344	0.0171755	1.57981	1.57981	0.0261586	0.660002	-1.51515	0.0834921	0.739562	-1.35215	0.508619	0.899785	-1.11138
cg24620617	GAK	0.00536078	0.530858	0.906721	-1.10288	0.0332263	1.46805	1.46805	0.0225118	0.65605	-1.52427	0.983624	1.00317	1.00317	0.212666	0.816717	-1.22441
cg01978746	GAK	0.00644598	0.00041624	0.290565	-3.44157	0.0805148	0.651858	-1.53408	0.102113	1.48432	1.48432	0.688171	0.914789	-1.09315	0.482797	1.17053	1.17053
cg04266908	GAK	0.00654401	0.19901	0.868942	-1.15083	0.0994742	0.829524	-1.20551	0.727174	0.964394	-1.03692	0.991743	1.00107	1.00107	0.526581	1.06867	1.06867
cg20188214	GAK	0.00769853	0.295485	1.26062	1.26062	0.0235026	1.78179	1.78179	0.0394849	1.66273	1.66273	0.108432	1.45331	1.45331	0.0805078	0.6611	-1.51263
cg16475712	GAK	0.00842021	0.10754	0.716915	-1.39487	0.212837	0.779888	-1.28224	0.752626	1.06174	1.06174	0.791982	1.05136	1.05136	0.000119602	0.279557	-3.57709
cg08937613	GAK	0.00996024	0.173124	1.35122	1.35122	0.0202253	1.78868	1.78868	0.789207	1.05722	1.05722	0.806605	1.05225	1.05225	0.000611307	0.334154	-2.99263
cg01326610	GAK	0.0100022	0.00930588	0.256859	-3.89318	0.0286124	0.34511	-2.89762	0.484183	0.746098	-1.34031	0.568619	1.26792	1.26792	0.00065038	0.116018	-8.61936
cg02214698	GAK	0.0103373	0.471025	0.913006	-1.09528	0.0868031	0.790759	-1.26461	0.0776946	0.783976	-1.27555	0.547769	0.927279	-1.07842	0.115394	1.23671	1.23671
cg24780007	GAK	0.0112535	0.856995	0.933796	-1.0709	0.00536572	4.02419	4.02419	0.460721	0.751877	-1.33001	0.323272	0.678807	-1.47317	0.00205736	0.192304	-5.20009
cg21452538	GAK	0.0124914	0.34362	1.25779	1.25779	0.0218202	1.90995	1.90995	0.0174979	0.506665	-1.97369	0.0183901	1.9591	1.9591	0.00807964	0.450449	-2.22001
cg24903637	GAK	0.0135596	0.349369	1.33118	1.33118	0.189074	1.51157	1.51157	0.085975	1.75669	1.75669	0.470053	1.24388	1.24388	0.00132378	0.24986	-4.00225
cg24239123	GAK	0.014368	0.77092	0.919077	-1.08805	0.00617099	0.356147	-2.80783	0.0227482	0.454781	-2.19886	0.0356234	0.493183	-2.02765	0.216165	0.686474	-1.45672
cg23531352	GAK	0.0151393	0.00362	0.320497	-3.12015	0.00397886	0.326653	-3.06135	0.164214	0.65122	-1.53558	0.910029	1.0332	1.0332	0.164001	0.651061	-1.53596
cg25975192	GAK	0.0154265	0.140916	1.44459	1.44459	0.0138685	2.02625	2.02625	0.105946	1.50702	1.50702	0.500243	1.17225	1.17225	0.0109946	0.476631	-2.09806
cg20587196	GAK	0.0160301	0.0464354	2.17436	2.17436	0.00317847	3.94326	3.94326	0.0729762	1.97589	1.97589	0.0708529	1.98832	1.98832	0.381662	1.35736	1.35736
cg04220779	GAK	0.0161414	0.098298	0.722903	-1.38331	0.00207781	0.460394	-2.17205	0.237827	0.801487	-1.24768	0.507092	0.886526	-1.128	0.00136762	0.435454	-2.29646
cg21498503	GAK	0.0186061	0.161556	0.804667	-1.24275	0.233271	1.19924	1.19924	0.000723941	0.473545	-2.11173	0.523111	1.09865	1.09865	0.141771	0.794804	-1.25817
cg14879397	GAK	0.0192779	0.472265	0.686155	-1.4574	0.854469	0.909747	-1.09921	0.0208709	4.18867	4.18867	0.0140192	4.77201	4.77201	0.0573663	0.330399	-3.02664
cg05781918	GAK	0.0200546	0.392373	0.916112	-1.09157	0.759687	1.03115	1.03115	0.00122708	0.62327	-1.60444	0.933297	1.00841	1.00841	0.247604	1.12848	1.12848
cg23507051	GAK	0.0201008	0.204914	0.730659	-1.36863	0.453045	0.835826	-1.19642	0.598448	1.13278	1.13278	0.790132	1.06458	1.06458	0.00030956	0.253272	-3.94833
cg26300313	GAK	0.0215152	0.248945	1.2398	1.2398	0.000856199	2.44315	2.44315	0.0232596	1.62217	1.62217	0.960398	1.0089	1.0089	0.194442	1.27742	1.27742
cg10966208	GAK	0.0225454	0.02683	1.79363	1.79363	0.0241857	1.81981	1.81981	0.958764	0.988548	-1.01159	0.043715	1.67613	1.67613	0.263024	1.29687	1.29687
cg22798257	GAK	0.0237208	0.327592	0.875081	-1.14275	0.603041	1.07173	1.07173	0.918982	0.986655	-1.01353	0.177068	1.20858	1.20858	0.511563	0.915844	-1.09189
cg18054302	GAK	0.0238233	0.0045657	0.247121	-4.0466	0.301898	0.673103	-1.48566	0.731658	0.880378	-1.13588	0.419897	1.35665	1.35665	0.00203355	0.199875	-5.00312
cg22288235	GAK	0.0241965	0.852882	0.96754	-1.03355	0.00670411	1.86839	1.86839	0.768855	0.948965	-1.05378	0.659384	0.924181	-1.08204	0.0103818	0.563404	-1.77492
cg21835780	GAK	0.0250412	0.0231794	0.647544	-1.5443	0.739276	1.05493	1.05493	0.554982	0.908832	-1.10031	0.67723	0.935179	-1.06931	0.00289055	0.519013	-1.92674
cg19797956	GAK	0.0254262	0.00240216	0.2891	-3.45902	0.00841189	0.372455	-2.68489	0.186083	0.662735	-1.5089	0.220476	0.685221	-1.45938	0.0233616	0.451549	-2.2146
cg00292290	GAK	0.0254631	0.523313	1.079	1.079	0.00621885	1.52087	1.52087	0.00390098	1.57894	1.57894	0.237607	1.15654	1.15654	0.604571	1.06333	1.06333
cg00892999	GAK	0.0262492	0.0181228	0.2815	-3.5524	0.187678	0.539701	-1.85288	0.14681	0.502665	-1.9894	0.963486	0.979982	-1.02043	0.00478716	0.191293	-5.22759
cg02234043	GAK	0.0274893	0.137941	0.767223	-1.3034	0.47275	1.12879	1.12879	0.0813678	1.37776	1.37776	0.0824423	1.37589	1.37589	0.00340956	0.516779	-1.93507
cg14140403	GAK	0.0341147	0.0277794	2.22351	2.22351	0.718837	0.894871	-1.11748	0.196671	0.657439	-1.52105	0.0988651	0.573518	-1.74362	0.0253804	0.441991	-2.26249
cg05741730	GAK	0.0377013	0.0425951	0.623711	-1.60331	0.169264	1.34462	1.34462	0.140603	0.725775	-1.37784	0.135402	0.72222	-1.38462	0.0232731	0.577904	-1.73039
cg02582997	GAK	0.0386985	0.811266	1.05898	1.05898	0.84676	1.04744	1.04744	0.813689	0.945019	-1.05818	0.11965	1.49851	1.49851	0.00380911	0.392701	-2.54646
cg10159923	GAK	0.0424131	0.467695	0.882467	-1.13319	0.162012	1.28741	1.28741	0.0877545	1.37557	1.37557	0.909082	1.01952	1.01952	0.804351	0.958873	-1.04289
cg11308921	GAK	0.0438023	0.628811	1.16809	1.16809	0.267922	1.44497	1.44497	0.12388	0.58771	-1.70152	0.0603869	1.96503	1.96503	0.110712	0.574448	-1.7408
cg07792858	GAK	0.0440097	0.974526	1.00672	1.00672	0.00384969	2.26406	2.26406	0.0313324	1.69878	1.69878	0.208177	1.32102	1.32102	0.324143	1.23818	1.23818
cg26978381	GAK	0.0464324	0.98311	0.99436	-1.00567	0.0710542	1.71385	1.71385	0.744934	1.09113	1.09113	0.288632	1.34218	1.34218	0.0143288	0.446328	-2.2405
cg22140614	GAK	0.0492866	0.0122913	1.93723	1.93723	0.0977414	1.47001	1.47001	0.167678	0.732086	-1.36596	0.587602	1.12313	1.12313	0.738041	1.07378	1.07378
cg12159980	GAK	0.0499814	0.358516	0.651001	-1.5361	0.661303	0.818382	-1.22192	0.308164	0.619068	-1.61533	0.619353	1.25567	1.25567	0.00433751	0.176738	-5.6581
cg23897383	GAK;TMEM175	0.0319396	0.0561372	0.339301	-2.94724	0.0349659	3.43347	3.43347	0.0691724	2.75651	2.75651	0.953732	0.971969	-1.02884	0.336737	0.614105	-1.62839
cg12564698	GAL	0.0169376	0.0191547	0.444211	-2.25118	0.103822	1.66389	1.66389	0.000939432	0.243481	-4.1071	0.975105	1.00897	1.00897	0.693316	0.892739	-1.12015
cg04464446	GAL	0.0353951	0.225238	1.91158	1.91158	0.0458226	3.20448	3.20448	0.26432	1.80736	1.80736	0.15772	2.15643	2.15643	0.0865344	2.61993	2.61993
cg04140624	GAL3ST1	0.00372348	0.690025	1.07509	1.07509	0.000330619	2.84859	2.84859	0.0106524	1.78588	1.78588	0.120349	1.35567	1.35567	0.235257	0.798781	-1.25191
cg26986147	GAL3ST1	0.0198447	0.534384	1.13152	1.13152	0.115524	1.3993	1.3993	0.77139	0.944395	-1.05888	0.0273601	0.598939	-1.66962	0.0308794	0.607898	-1.64501
cg19215194	GAL3ST1	0.0347034	0.431971	0.869556	-1.15001	0.438985	0.871475	-1.14748	0.104782	0.734201	-1.36202	0.389315	1.1662	1.1662	0.265276	0.816823	-1.22426
cg06843871	GAL3ST2	5.83E-05	0.1815	0.852181	-1.17346	1.31E-06	0.246837	-4.05125	0.00140481	0.593568	-1.68473	0.660785	0.951421	-1.05106	0.0051091	0.658861	-1.51777

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17665193	0.19651	1.54076	1.54076	0.0162161	0.394246	-2.53649	0.0016661	4.15202	4.15202	0.663547	1.14861	1.14861	4.90956	7.7912	1.41062	1
cg23052437	0.76514	1.1291	1.1291	0.615925	0.814658	-1.22751	0.0121955	3.54603	3.54603	0.107197	2.03943	2.03943	3.50755	9.12502	2.31248	1
cg04599297	0.358786	1.1792	1.1792	0.0240139	0.624833	-1.60043	0.598689	0.911403	-1.09721	0.0930008	1.38102	1.38102	3.59559	1.73767	0.42958	1
cg20783262	0.6327	0.940179	-1.06363	1.18E-07	0.114496	-8.73392	0.754051	0.960536	-1.04109	0.261022	0.860559	-1.16204	34.8815	9.06675	0.231049	1
cg27576367	0.0022655	0.524478	-1.90666	0.000971607	0.476333	-2.09937	0.00699235	0.590354	-1.6939	0.0425497	0.7027	-1.42308	13.3141	4.81346	0.32136	1
cg02639608	0.443021	0.849212	-1.17756	0.00374587	0.44136	-2.26573	0.0158426	0.539244	-1.85445	0.0841195	0.670745	-1.49088	4.94552	3.42056	0.614799	1
cg23369529	0.371126	0.704644	-1.41916	0.00201743	0.190054	-5.26166	0.108267	0.512792	-1.95011	0.0534543	0.433368	-2.30751	4.24031	9.75825	2.0456	1
cg06937495	0.273291	1.13545	1.13545	0.656121	0.951292	-1.0512	0.00879435	0.689535	-1.45025	0.469248	1.0855	1.0855	3.83828	0.754664	0.174769	1
cg25295063	0.00125282	0.618966	-1.6156	1.62E-05	0.404865	-2.46996	0.00665858	0.698772	-1.43108	0.0127059	0.729608	-1.3706	13.7594	2.25827	0.145889	1
cg13666550	0.608203	0.793463	-1.2603	0.142191	0.493629	-2.02581	1.68E-05	52.268	52.268	0.512765	0.743036	-1.34583	11.2865	35.7847	2.8183	1
cg08259617	0.0284437	1.47839	1.47839	0.000465154	0.43508	-2.29843	0.732401	1.05326	1.05326	0.972669	0.994834	-1.00519	9.00214	3.25845	0.321745	1
cg00014806	0.367887	1.38026	1.38026	0.298675	0.687057	-1.45548	0.000118131	10.4639	10.4639	0.376096	0.728698	-1.37231	8.91977	17.1509	1.70915	1
cg01485266	0.0504879	1.55952	1.55952	0.117067	0.712195	-1.40411	0.00190938	0.416253	-2.40238	0.00061612	0.349549	-2.86083	7.60734	4.78849	0.559516	1
cg22376929	0.154889	2.14813	2.14813	0.263443	1.79588	1.79588	0.029073	0.274738	-3.63983	0.484396	0.699855	-1.42887	4.4641	17.8335	3.55099	1
cg16624646	0.129489	1.18279	1.18279	0.250387	1.13099	1.13099	0.722241	1.03726	1.03726	0.149795	0.853636	-1.17146	3.47193	0.577549	0.147865	1
cg00102996	8.83E-06	5.72826	5.72826	0.0730283	1.43615	1.43615	0.0367768	0.644574	-1.55141	0.267381	1.23266	1.23266	16.8885	8.76604	0.461381	1
cg21210124	0.0180982	0.548078	-1.82456	0.0357952	1.66812	1.66812	0.177589	1.35005	1.35005	0.0114834	1.93947	1.93947	4.99201	3.46939	0.617768	1
cg02374996	0.0169046	2.42092	2.42092	0.158265	0.632762	-1.58037	0.15274	0.628337	-1.5915	0.83554	0.938873	-1.06511	3.40104	4.95889	1.29605	1
cg20070077	0.637576	1.03952	1.03952	0.173326	0.888393	-1.12563	0.0302833	1.23126	1.23126	0.353859	1.08103	1.08103	4.76958	0.503982	0.0939254	1
cg08821193	0.0077576	1.34758	1.34758	0.000496997	0.621605	-1.60874	0.0579791	1.2056	1.2056	0.00202273	1.46209	1.46209	18.6806	2.25197	0.107157	1
cg04410516	0.0114766	0.331764	-3.01419	0.00817953	0.307082	-3.25646	0.00882818	0.31252	-3.1998	0.0521863	0.462791	-2.1608	7.39414	14.2533	1.71346	1
cg18197795	0.0448634	1.89057	1.89057	0.155749	0.656962	-1.52216	0.00248893	3.19872	3.19872	0.316051	0.750705	-1.33208	7.34248	8.8982	1.07723	1
cg26361892	0.167582	0.75404	-1.32619	0.18396	1.31064	1.31064	0.0245857	0.59819	-1.67171	0.129351	1.36959	1.36959	4.73786	2.76395	0.518556	1
cg03539717	0.00329028	2.85902	2.85902	0.0449229	1.82892	1.82892	0.0147061	2.19831	2.19831	0.114929	1.56777	1.56777	4.68698	5.10767	0.968673	1
cg06192753	0.554185	0.663688	-1.50673	0.00816573	0.098331	-10.1697	0.0354753	0.18685	-5.35188	0.145885	0.343113	-2.91449	3.39256	25.2227	6.60861	1
cg18005693	0.000172275	0.131299	-7.61618	?	?	?	0.00223846	0.268252	-3.72784	0.0414726	2.01253	2.01253	28.0379	32.6862	1.02007	1
cg18047970	0.26859	0.777848	-1.2856	0.031637	1.73212	1.73212	0.0684125	0.640948	-1.56019	0.639852	0.902356	-1.10821	10.5305	7.92787	0.669201	1
cg02741548	0.00903103	0.38398	-2.6043	6.74E-05	0.121919	-8.2022	0.00398763	0.327525	-3.0532	0.0427389	0.510336	-1.95949	10.4396	13.7518	1.17091	1
cg01431952	0.919458	1.02219	1.02219	0.0611377	1.58084	1.58084	0.36658	0.81766	-1.223	0.13924	0.707958	-1.41251	10.0768	7.51695	0.66308	1
cg23664512	0.379752	0.814221	-1.22817	0.413369	0.826344	-1.21015	0.804114	1.05832	1.05832	0.142824	0.698204	-1.43225	7.08156	5.83518	0.732442	1
cg16856874	0.040928	0.623482	-1.60389	0.0056811	0.483637	-2.06767	0.149288	0.733719	-1.36292	0.537118	0.882377	-1.1333	5.83294	3.70394	0.564448	1
cg11944518	0.853604	1.09849	1.09849	0.00996484	0.191071	-5.23366	0.41674	1.52515	1.52515	0.0508267	0.322549	-3.1003	4.44882	18.2236	3.64113	1
cg03629794	0.0247501	0.533953	-1.87282	0.828679	1.05218	1.05218	0.334225	1.26335	1.26335	0.0875616	1.55685	1.55685	4.33678	3.78407	0.775602	1
cg04556868	0.0333838	0.611851	-1.63439	0.00783255	0.509469	-1.96283	0.0161331	0.558955	-1.78905	0.340295	0.8235	-1.21433	4.09376	2.53164	0.549701	1
cg05784594	0.0578197	1.45529	1.45529	0.0424447	1.50499	1.50499	0.14384	0.759786	-1.31616	0.166846	0.772729	-1.29412	10.1536	4.92123	0.430824	1
cg05859577	0.369468	1.27579	1.27579	0.173283	1.46653	1.46653	0.0743053	1.69132	1.69132	0.261015	0.733614	-1.36311	8.49898	9.39961	0.983084	1
cg15840970	0.0318843	1.78758	1.78758	0.154796	1.42153	1.42153	0.973442	0.99234	-1.00772	0.297791	1.28313	1.28313	6.21135	5.24838	0.751081	1
cg14918358	0.916521	1.0308	1.0308	0.0368616	0.495881	-2.01661	0.727696	0.903815	-1.10642	0.312169	0.738985	-1.35321	5.80901	7.70061	1.17834	1
cg03746520	0.0104511	0.0773299	-12.9316	0.00353922	0.043307	-23.0909	0.0276068	0.126386	-7.91228	0.136729	0.279986	-3.57161	4.7459	47.3977	8.87741	1
cg14727709	0.98381	1.00533	1.00533	0.814267	0.940213	-1.06359	0.152364	0.669241	-1.49423	0.920793	0.974282	-1.0264	15.3176	16.6479	0.966093	1
cg00772962	0.35549	1.21915	1.21915	2.34E-05	0.171766	-5.82188	0.00353706	0.438547	-2.28026	0.00164572	0.390829	-2.55866	31.5638	21.7264	0.611852	1
cg04886382	0.0894642	0.62876	-1.59043	0.917692	0.974709	-1.02595	0.731423	0.918163	-1.08913	0.12549	1.50818	1.50818	5.99908	5.83468	0.864529	1
cg14393649	0.316787	0.66511	-1.50351	0.943231	0.972328	-1.02846	0.0955173	0.485975	-2.05772	0.166217	0.558928	-1.78914	7.28533	17.9158	2.18592	1
cg01814152	0.107646	0.772199	-1.295	0.0284211	0.675319	-1.48078	0.833659	0.970446	-1.03045	0.00241794	0.503675	-1.98541	70.3874	16.787	0.204423	1
cg21262652	0.873841	1.0409	1.0409	0.423201	0.813535	-1.2292	0.000655621	0.267839	-3.73359	0.148224	0.676195	-1.47886	14.0542	14.1664	0.895984	1
cg15481819	0.964353	0.988996	-1.01113	0.0940237	0.633912	-1.57751	0.0570161	0.58674	-1.70433	0.554998	0.862582	-1.15931	4.13843	4.01766	0.862948	1
cg10466938	0.000558939	0.639852	-1.56286	0.422732	0.933966	-1.0707	0.0774737	1.17789	1.17789	0.000526961	0.637259	-1.56922	36.86	4.06298	0.09798	1
cg20503077	0.150032	0.571602	-1.74947	0.0811289	0.496138	-2.01557	0.322123	0.690231	-1.44879	0.114952	0.537253	-1.86132	8.33291	17.3385	1.84954	1
cg05439258	0.118057	0.548021	-1.82475	0.0017662	0.206295	-4.84742	0.00282276	0.23277	-4.29609	0.0159519	0.351418	-2.84561	7.235	14.3912	1.7681	1
cg21502629	0.207575	0.597287	-1.67424	0.0141892	0.309306	-3.23304	0.67571	0.84946	-1.17722	0.048258	0.416733	-2.39962	11.2594	26.8187	2.11724	1
cg00824714	0.387428	1.5668	1.5668	0.256835	1.82189	1.82189	0.806228	0.882876	-1.13266	0.504732	0.709567	-1.40931	7.52393	30.6154	3.61695	1
cg15754755	0.860861	1.0486	1.0486	0.00330152	0.338736	-2.95215	0.0969727	0.610951	-1.63679	0.128951	0.641607	-1.55859	10.5502	12.2242	1.02993	1
cg06256374	0.00531276	1.98942	1.98942	0.945921	0.987378	-1.01278	0.811521	0.956252	-1.04575	0.739323	0.939383	-1.06453	25.7367	14.2927	0.493637	1
cg20676303	0.634622	1.09069	1.09069	0.00919884	1.82143	1.82143	0.242862	0.801228	-1.24808	0.481092	0.878219	-1.13867	19.2897	10.045	0.462885	1
cg09839318	0.00557346	0.606058	-1.65001	0.0035148	1.72367	1.72367	0.00216834	1.80743	1.80743	0.00613562	1.63535	1.63535	24.7025	7.40184	0.266346	1
cg04722155	7.50E-05	0.24204	-4.13155	0.000665368	2.79628	2.79628	0.0187844	1.75404	1.75404	0.488534	1.14899	1.14899	23.6182	14.5716	0.548412	1
cg03385756	0.932808	0.984554	-1.01569	0.016235	1.72062	1.72062	0.735467	1.0646	1.0646	0.358607	1.19037	1.19037	19.0307	10.2716	0.479768	1
cg20177485	0.520747	0.96663	-1.03452	5.64E-06	1.70509	1.70509	0.0103929	1.18323	1.18323	0.337479	1.05291	1.05291	17.1974	0.740387	0.0382688	1
cg21430939	0.61964	1.16849	1.16849	0.450207	1.27052	1.27052	0.815669	0.92991	-1.07537	0.00348617	0.291255	-3.43342	16.111	24.709	1.36326	1
cg11016749	0.00283469	0.409237	-2.44357	0.0083628	0.480732	-2.08016	0.369061	0.818294	-1.22205	0.045098	0.60667	-1.64834	15.861	11.8697	0.665203	1
cg03937591	0.0755536	1.23625	1.23625	2.25E-05	2.486	2.486	0.00085798	1.71043	1.71043	0.202627	1.15512	1.15512	15.6947	2.85704	0.161812	1
cg06201207	5.11E-05	0.377315	-2.65031	0.340715	1.13446	1.13446	0.0034248	1.66689	1.66689	0.166084	0.827154	-1.20896	13.7992	3.60835	0.232436	1
cg14816007	0.0903223	0.7294	-1.37099	0.0472135	1.46796	1.46796	0.468459	0.882758	-1.13281	0.00112788	0.444735	-2.24853	12.8618	5.82187	0.402354	1
cg07222844	0.000285617	0.524567	-1.90633	6.56E-05	2.22048	2.22048	0.742848	1.03651	1.03651	0.995193	1.00066	1.00066	12.8167	2.40759	0.166976	1
cg19107815	0.742787	0.944006	-1.05932	0.0623625	1.45318	1.45318	0.577962	0.906245	-1.10345	0.234982	0.8031	-1.24518	14.3671	6.81311	0.368835	1
cg20536207	0.0301445	0.556779	-1.79604	0.000175053	0.231745	-4.31509	0.111161	0.671293	-1.48966	0.00662603	0.445131	-2.24653	10.6439	8.89139	0.742533	1
cg08604785	0.0177987	0.253121	-3.95068	0.00265362	0.137733	-7.26043	0.035204	3.22114	3.22114	0.0170805	4.00029	4.00029	9.8461	35.4577	3.20106	1
cg12601576	0.228317	0.630734	-1.58545	7.18E-05	0.0716117	-13.9642	0.704494	1.14899	1.14899	0.708042	1.14696	1.14696	8.93831	18.8068	1.87028	1
cg14517359	0.000420817	0.386472	-2.58751	0.37893	0.85767	-1.16595	0.52533	1.11569	1.11569	0.0639555	0.701775	-1.42496	8.79193	4.02837	0.40728	1
cg15599409	0.0556408	0.625359	-1.59908	0.0469043	1.63622	1.63622	0.312048	1.25404	1.25404	0.223188	0.758021	-1.31922	8.77636	6.51264	0.659615	1
cg14108327	0.983839	0.996187	-1.00383	0.076252	1.45062	1.45062	0.269372	1.24225	1.24225	0.163902	1.32333	1.32333	8.64186	4.8679	0.500705	1
cg00704873	0.368975	1.34153	1.34153	0.013399	0.377118	-2.65169	0.900154	0.960819	-1.04078	0.0102826	0.357089	-2.80042	8.25433	13.2551	1.4274	1
cg10349919	0.17517	0.725494	-1.37837	0.758137	1.07116	1.07116	0.666621	0.908047	-1.10126	0.000963812	0.334907	-2.9859	8.17762	6.4155	0.69735	1
cg02057501	0.0299285	0.601269	-1.66315	0.00771519	0.505757	-1.97723	0.00704637	2.00113	2.00113	0.654329	0.914151	-1.09391	8.12379	5.10343	0.558407	1
cg00248574	0.0782989	0.486497	-2.05551	0.128718	0.546167	-1.83094	0.916479	0.962094	-1.0394	0.0915018	0.504319	-1.98287	8.11786	17.4471	1.91042	1
cg16950088	0.00106507	0.223049	-4.48333	0.00845857	2.83715	2.83715	0.0193897	2.40329	2.40329	0.135552	1.64701	1.64701	8.07716	12.3071	1.35439	1
cg08503285	0.000875271	0.355904	-2.80975	0.00373724	0.444632	-2.24905	0.186431	0.748308	-1.33635	0.00171601	0.395971	-2.52544	8.06999	5.47674	0.603249	1
cg24862189	0.0744674	1.2895	1.2895	0.000207882	2.21298	2.21298	0.225166	1.17702	1.17702	0.196741	1.19079	1.19079	7.61633	1.97456	0.230448	1
cg27561431	0.0148471	0.623793	-1.6031	0.00180932	2.01095	2.01095	0.267708	1.1994	1.1994	0.159459	0.789175	-1.26715	7.55135	2.96606	0.349143	1
cg24620617	0.308678	1.17647	1.17647	0.000348449	2.42793	2.42793	0.164742	1.25686	1.25686	0.0897833	0.749408	-1.33439	7.18384	2.70698	0.334947	1
cg01978746	0.577532	1.13226	1.13226	0.0254722	1.79703	1.79703	0.044895	1.66223	1.66223	0.955747	0.987824	-1.01233	6.78692	5.23822	0.686054	1
cg04266908	0.00327779	1.51407	1.51407	0.00119728	1.63454	1.63454	0.0174691	1.34913	1.34913	0.0384352	1.2818	1.2818	6.75521	1.14628	0.150834	1
cg20188214	0.116469	0.694787	-1.43929	0.00766638	2.07846	2.07846	0.00164047	2.61844	2.61844	0.0680015	1.54704	1.54704	6.42119	4.63496	0.64162	1
cg16475712	0.367197	0.839022	-1.19186	0.496435	1.13979	1.13979	0.626444	1.0974	1.0974	0.251501	0.79692	-1.25483	6.24259	3.54962	0.505434	1
cg08937613	0.129751	1.40477	1.40477	0.254148	0.780935	-1.28052	0.167571	1.35724	1.35724	0.296022	1.25233	1.25233	5.91815	4.04151	0.607022	1
cg01326610	0.57625	1.26189	1.26189	0.744067	1.1445	1.1445	0.749804	1.14089	1.14089	0.0200411	0.314728	-3.17734	5.9102	15.8874	2.38945	1
cg02214698	0.026039	1.38798	1.38798	0.000850993	1.86306	1.86306	0.505825	0.919619	-1.08741	0.327343	0.882053	-1.13372	5.84817	1.42697	0.216891	1
cg24780007	0.68886	0.858266	-1.16514	0.0252574	0.36412	-2.74635	0.112121	1.92884	1.92884	0.984488	1.00741	1.00741	5.69056	12.9962	2.03005	1
cg21452538	0.047321	1.70487	1.70487	0.390794	1.22964	1.22964	0.999613	0.999886	-1.00011	0.654292	1.11179	1.11179	5.50127	4.81555	0.77809	1
cg24903637	0.404618	1.28817	1.28817	0.0412939	0.497092	-2.0117	0.914257	1.0325	1.0325	0.0313286	0.472357	-2.11704	5.35578	7.4797	1.24139	1
cg24239123	0.0373033	0.497286	-2.01092	0.0138945	2.40712	2.40712	0.813453	1.07071	1.07071	0.349568	1.3209	1.3209	5.25483	6.95232	1.17603	1
cg23531352	0.252212	1.41288	1.41288	0.00730171	0.367997	-2.71742	0.700716	1.11807	1.11807	0.311545	0.738938	-1.35329	5.16488	6.8307	1.17558	1
cg25975192	0.293855	0.776552	-1.28774	0.0454408	0.586895	-1.70388	0.0212926	1.90191	1.90191	0.662857	1.10726	1.10726	5.13283	4.38539	0.75945	1
cg20587196	0.86283	0.942813	-1.06066	0.00513579	3.52085	3.52085	0.0245954	2.48837	2.48837	0.00819383	3.16453	3.16453	5.06783	9.30717	1.63246	1
cg04220779	0.028057	0.628557	-1.59094	0.767067	0.948229	-1.0546	0.278641	0.81743	-1.22335	0.06141	0.685827	-1.45809	5.05616	2.56457	0.450859	1
cg21498503	0.989565	0.998101	-1.0019	0.0874056	1.31565	1.31565	0.562414	0.918382	-1.08887	0.437025	1.12217	1.12217	4.82104	1.61371	0.29753	1
cg14879397	0.343367	0.604794	-1.65346	0.0218561	0.242343	-4.12639	0.0903928	2.615	2.615	0.144612	2.24169	2.24169	4.7636	20.0226	3.73623	1
cg05781918	0.159882	1.16202	1.16202	0.0166039	1.33979	1.33979	0.963859	0.99548	-1.00454	0.609495	0.949792	-1.05286	4.70021	0.744273	0.140755	1
cg23507051	0.220828	0.739362	-1.35252	0.644546	1.11515	1.11515	0.530377	0.861469	-1.16081	0.173586	0.712002	-1.40449	4.69653	4.09413	0.774875	1
cg26300313	0.019625	1.65347	1.65347	0.0677283	1.44054	1.44054	0.239855	1.24548	1.24548	0.803739	0.956559	-1.04541	4.58884	2.31223	0.447893	1
cg10966208	0.00509041	2.28139	2.28139	0.00318299	2.45306	2.45306	0.13964	1.4249	1.4249	0.141114	1.42275	1.42275	4.51579	3.5493	0.698645	1
cg22798257	0.0039364	1.66902	1.66902	0.00451674	1.6482	1.6482	0.125184	0.8032	-1.24502	0.945615	1.00905	1.00905	4.43733	1.22531	0.245455	1
cg18054302	0.435416	0.744885	-1.34249	0.222871	0.622465	-1.60652	0.98212	1.00833	1.00833	0.035073	0.403013	-2.48131	4.43072	9.61272	1.9285	1
cg22288235	0.0329473	0.641855	-1.55798	0.069696	1.43419	1.43419	0.852807	0.967523	-1.03357	0.739547	1.0611	1.0611	4.40693	2.20544	0.444843	1
cg21835780	0.00440923	0.54416	-1.8377	0.289072	0.838461	-1.19266	0.358329	0.859655	-1.16326	0.0427856	0.688442	-1.45255	4.35474	1.76781	0.360846	1
cg19797956	0.0435464	0.506086	-1.97595	0.893112	1.04024	1.04024	0.127801	0.61684	-1.62117	0.0552017	0.528436	-1.89238	4.33167	5.90749	1.21226	1
cg00292290	0.312842	1.13057	1.13057	0.00737913	1.50056	1.50056	0.498498	0.922403	-1.08412	0.88492	1.01717	1.01717	4.32948	0.947513	0.194535	1
cg00892999	0.093834	0.443152	-2.25656	0.0981329	2.22861	2.22861	0.870023	1.07502	1.07502	0.0219405	0.296932	-3.36778	4.28377	13.2376	2.74683	1
cg02234043	0.500164	0.892682	-1.12022	0.18511	1.26254	1.26254	0.336302	1.17875	1.17875	0.135185	1.30621	1.30621	4.215	1.83685	0.387369	1
cg14140403	0.388609	0.762256	-1.3119	0.247921	0.689957	-1.44937	0.050728	1.98168	1.98168	0.0457419	0.49476	-2.02118	3.9031	5.83528	1.32892	1
cg05741730	0.737194	1.07047	1.07047	0.0144532	1.83941	1.83941	0.811208	0.952764	-1.04958	0.566361	0.889403	-1.12435	3.76398	2.43741	0.57561	1
cg02582997	0.0607596	0.602677	-1.65926	0.0191527	0.507114	-1.97194	0.714023	1.09217	1.09217	0.893021	0.968284	-1.03275	3.72818	3.3879	0.807756	1
cg10159923	0.348675	1.17733	1.17733	0.0016988	2.1351	2.1351	0.956197	0.990749	-1.00934	0.159119	0.775207	-1.28998	3.60421	1.63427	0.403052	1
cg11308921	0.504042	1.24143	1.24143	0.0384503	2.14888	2.14888	0.00755876	2.99249	2.99249	0.665439	1.14886	1.14886	3.56124	5.73829	1.43228	1
cg07792858	0.448611	1.17588	1.17588	0.103623	1.45271	1.45271	0.203873	0.754763	-1.32492	0.249496	0.776843	-1.28726	3.55497	2.47843	0.61971	1
cg26978381	0.0439408	0.538724	-1.85624	0.0855903	0.601902	-1.6614	0.193294	1.44452	1.44452	0.186678	0.687999	-1.45349	3.48431	3.93876	1.00482	1
cg22140614	0.592319	0.891699	-1.12145	0.746744	1.07113	1.07113	0.0705663	1.53503	1.53503	0.00951313	2.0069	2.0069	3.40668	2.42639	0.633106	1
cg12159980	0.00591323	0.194564	-5.13969	0.117693	0.461884	-2.16504	0.270367	0.593481	-1.68497	0.198802	0.53939	-1.85395	3.38861	11.0922	2.90967	1
cg23897383	0.239831	0.544793	-1.83556	0.00729333	0.170873	-5.85229	0.122785	0.436241	-2.29231	0.670044	1.23393	1.23393	4.39297	16.3527	2.89525	1
cg12564698	0.121585	0.618509	-1.61679	0.123524	0.620301	-1.61212	0.339439	1.32558	1.32558	0.779157	0.922678	-1.0838	4.9756	6.4575	1.15363	1
cg04464446	0.0522907	3.07358	3.07358	0.00191044	9.35836	9.35836	0.0228703	3.99527	3.99527	0.0448121	3.22713	3.22713	3.85144	15.7853	3.64315	1
cg04140624	0.0972622	1.38912	1.38912	0.0965577	0.719283	-1.39027	0.0249617	1.61902	1.61902	0.0543042	0.674084	-1.48349	8.02355	4.14492	0.459195	1
cg26986147	0.279281	1.24718	1.24718	0.196869	1.30725	1.30725	0.00286186	2.23848	2.23848	0.844099	1.03942	1.03942	4.71703	2.88078	0.542861	1
cg19215194	0.89012	0.976197	-1.02438	0.00623254	1.86149	1.86149	0.112936	1.35079	1.35079	0.0232703	0.623357	-1.60422	3.87906	1.86606	0.427609	1
cg06843871	0.157615	0.843326	-1.18578	0.48232	1.08386	1.08386	0.045797	0.772441	-1.2946	5.47E-05	0.428492	-2.33376	25.5604	5.14827	0.179036	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18480033	GAL3ST2	0.00123667	0.0101476	0.549464	-1.81995	0.00390859	0.488068	-2.04889	0.00178624	0.440005	-2.2727	0.307729	0.822852	-1.21529	0.0106809	0.552861	-1.80877
cg18105179	GAL3ST2	0.00169344	0.0890285	1.37714	1.37714	0.719139	0.940243	-1.06355	0.157683	0.772768	-1.29405	0.104652	1.35341	1.35341	0.0454858	1.47903	1.47903
cg16759745	GAL3ST2	0.00216108	0.0160174	0.487658	-2.05062	0.17889	0.706222	-1.41599	0.684189	0.90519	-1.10474	0.310912	0.774628	-1.29094	4.67E-05	0.153988	-6.494
cg04140903	GAL3ST2	0.00259333	0.0204427	0.629904	-1.58754	0.149424	1.29142	1.29142	0.304135	0.83855	-1.19253	0.00151002	2.13027	2.13027	0.227629	1.23311	1.23311
cg03775350	GAL3ST2	0.00431242	0.0358591	0.728353	-1.37296	0.180464	1.20277	1.20277	0.00114984	0.537789	-1.85947	0.490247	0.913037	-1.09525	0.973098	0.995632	-1.00439
cg12911589	GAL3ST2	0.00470596	0.302054	0.851075	-1.17498	0.13896	0.786462	-1.27152	0.00347842	0.549853	-1.81867	0.50493	1.10743	1.10743	0.00134894	0.495477	-2.01826
cg21486532	GAL3ST2	0.00495509	0.0027987	0.319627	-3.12865	0.961482	0.986717	-1.01346	0.523201	1.1962	1.1962	0.00285095	0.320796	-3.11725	0.0197317	0.458551	-2.18078
cg03584389	GAL3ST2	0.0172517	0.0418776	3.41885	3.41885	0.0297761	3.82134	3.82134	0.195779	2.04858	2.04858	0.183146	2.09675	2.09675	0.0688375	0.343898	-2.90784
cg03898010	GAL3ST2	0.0176758	0.705365	1.08036	1.08036	0.326997	1.22863	1.22863	0.222435	0.770358	-1.2981	0.0324273	1.66457	1.66457	0.34031	1.22136	1.22136
cg14812376	GAL3ST2	0.0225671	0.36863	0.855183	-1.16934	0.416754	0.868833	-1.15097	0.39705	0.863364	-1.15826	0.161201	1.28854	1.28854	0.0836897	0.723027	-1.38307
cg06402816	GAL3ST2	0.0242521	0.0388281	10.9745	10.9745	0.0888628	6.54933	6.54933	0.152354	4.6429	4.6429	0.0863431	6.66879	6.66879	0.34044	0.373871	-2.67472
cg15346191	GAL3ST2	0.0265864	0.0346594	21.9945	21.9945	0.0378105	20.5496	20.5496	0.0653756	13.4085	13.4085	0.0816843	11.2624	11.2624	0.425591	0.3602	-2.77624
cg13345353	GAL3ST2	0.0397188	0.212613	0.741665	-1.34832	0.533772	0.866343	-1.15428	0.168868	0.716246	-1.39617	0.271945	1.29737	1.29737	0.0384666	0.579315	-1.72618
cg03462699	GAL3ST2	0.0456428	0.0450332	31.9957	31.9957	0.181993	8.45297	8.45297	0.214264	7.17174	7.17174	0.0737168	20.1639	20.1639	0.46089	0.322664	-3.0992
cg06569300	GAL3ST3	2.22E-05	7.51E-05	0.367525	-2.7209	0.0134542	0.652989	-1.53142	0.0111594	1.5574	1.5574	0.000784203	2.02841	2.02841	3.59E-05	0.329654	-3.03349
cg24089521	GAL3ST3	3.29E-05	4.66E-05	0.265296	-3.76938	0.015942	1.66457	1.66457	0.0358788	1.52425	1.52425	0.482908	1.13102	1.13102	2.51E-05	0.235799	-4.2409
cg20051530	GAL3ST3	0.00060761	0.000554353	0.264628	-3.77889	0.0214811	0.503972	-1.98424	0.00326807	0.369861	-2.70372	0.0893976	0.628381	-1.59139	0.000272594	0.227678	-4.39216
cg02839195	GAL3ST3	0.00658551	0.0880049	0.653171	-1.53099	0.625097	0.894576	-1.11785	0.716917	0.920928	-1.08586	0.00578674	2.26567	2.26567	0.198228	0.735199	-1.36018
cg24960947	GAL3ST3	0.020725	0.00584837	0.289252	-3.4572	0.908749	0.961349	-1.04021	0.0877153	1.91167	1.91167	0.382875	0.73518	-1.36021	0.00348559	0.255935	-3.90725
cg09005399	GAL3ST3	0.0336024	0.261178	1.17513	1.17513	0.271364	1.17081	1.17081	0.445512	1.11305	1.11305	0.944511	0.99046	-1.00963	0.132545	1.25047	1.25047
cg14780632	GAL3ST3;GAL3ST3	0.000165665	0.673995	1.05331	1.05331	0.940513	1.0092	1.0092	0.617021	1.06384	1.06384	0.00231732	0.593153	-1.68591	0.00771277	0.656929	-1.52224
cg15916004	GAL3ST3;GAL3ST3	0.0298289	0.541573	0.706924	-1.41458	0.00424861	8.56467	8.56467	0.35167	1.71252	1.71252	0.613727	1.33066	1.33066	0.268707	0.523845	-1.90896
cg21238818	GAL3ST3;GAL3ST3	0.0310827	0.40146	0.784163	-1.27524	0.00421275	2.95954	2.95954	0.38965	1.2835	1.2835	0.589114	0.856936	-1.16695	0.291534	0.733539	-1.36325
cg07212384	GAL3ST4	0.0108969	0.00308815	0.231698	-4.31596	0.0344088	0.410253	-2.43752	0.0834129	0.500562	-1.99775	0.878527	0.946268	-1.05678	0.00229151	0.214492	-4.66218
cg24616382	GAL3ST4	0.0180071	0.012588	0.158412	-6.31264	0.00733883	0.128435	-7.78606	0.0223815	0.196918	-5.07827	0.793108	0.855482	-1.16893	0.0377551	0.239099	-4.18236
cg06189038	GAL3ST4	0.0181291	0.0216454	0.30372	-3.2925	0.000890391	0.116377	-8.59276	0.111885	0.473231	-2.11313	0.304196	0.631372	-1.58385	0.0126022	0.261695	-3.82124
cg03205010	GAL3ST4;C7orf43	7.83E-05	0.0226304	0.819389	-1.22042	0.25875	0.9176	-1.0898	7.94E-06	0.489832	-2.04152	0.00138826	0.713045	-1.40244	1.02E-05	0.501323	-1.99472
cg10328290	GAL3ST4;C7orf43	0.0131914	0.348994	1.17331	1.17331	0.070905	1.39726	1.39726	0.200911	1.25098	1.25098	0.00628115	1.80432	1.80432	0.201223	0.799509	-1.25077
cg00702729	GAL3ST4;C7orf43	0.0449648	0.00820438	0.564634	-1.77106	0.0154121	1.6527	1.6527	0.358291	1.17309	1.17309	0.953284	0.990148	-1.00995	0.620464	0.919101	-1.08802
cg04738877	GALC;GALC	0.00765685	0.0978836	1.75389	1.75389	0.0160523	2.48879	2.48879	0.0293577	0.452017	-2.2123	0.029843	2.20531	2.20531	0.00357695	0.294952	-3.39038
cg26245531	GALC;GALC	0.0178622	0.599334	0.868113	-1.15192	0.0146112	2.23056	2.23056	0.95608	0.985414	-1.0148	0.483299	1.20934	1.20934	0.703944	0.903158	-1.10723
cg13789423	GALC;GALC	0.026836	0.00274882	0.17983	-5.56082	0.0830137	0.450706	-2.21874	0.0192801	0.308734	-3.23904	0.0297008	0.345573	-2.89374	0.0154134	0.291021	-3.43618
cg01035038	GALC;GALC;GALC;GALC	0.00351971	0.567945	0.908319	-1.10094	0.00254065	2.00932	2.00932	0.111973	0.749512	-1.3342	0.971725	0.994113	-1.00592	0.730847	1.05921	1.05921
cg08837308	GALC;GALC;GALC;GALC	0.00408756	0.536706	0.916965	-1.09055	0.607015	0.930634	-1.07454	0.858656	0.975602	-1.02501	0.358411	0.877339	-1.13981	0.114943	0.78858	-1.2681
cg04052570	GALC;GALC;GALC;GALC	0.039748	0.465916	0.919514	-1.08753	0.69697	1.04525	1.04525	0.193126	1.16852	1.16852	0.0680284	1.25999	1.25999	0.460873	0.918608	-1.0886
cg10961323	GALE;GALE	7.64E-05	0.626252	0.883472	-1.1319	1.42E-05	9.80869	9.80869	0.000943929	3.47245	3.47245	0.062456	1.6978	1.6978	0.0160353	0.475167	-2.10452
cg21523719	GALE;GALE	0.000556143	0.126555	0.760528	-1.31488	0.275832	1.20654	1.20654	0.45205	1.1353	1.1353	0.0300645	1.52592	1.52592	0.000409914	0.394765	-2.53315
cg22041707	GALE;GALE	0.00126428	0.0029265	0.644126	-1.55249	0.0813351	1.23111	1.23111	0.595393	0.943958	-1.05937	0.0218713	0.74377	-1.3445	0.0007583	0.577347	-1.73206
cg10498717	GALE;GALE;GALE	0.0104404	0.0821426	0.795379	-1.25726	0.00148172	1.72465	1.72465	0.276747	1.14393	1.14393	0.212031	0.855332	-1.16914	0.382399	1.11236	1.11236
cg25549791	GALE;GALE;GALE	0.0118016	0.0265865	0.543475	-1.84001	0.00322101	0.39354	-2.54104	0.0891792	0.647349	-1.54476	0.314105	0.785428	-1.27319	0.00189823	0.360246	-2.77588
cg07291005	GALE;GALE;GALE	0.0181021	0.215739	0.833383	-1.19993	0.0122705	0.646387	-1.54706	0.00467842	0.590964	-1.69215	0.736178	0.953797	-1.04844	0.635086	0.935309	-1.06917
cg24454698	GALE;GALE;GALE;GALE	0.0147594	0.398049	0.903702	-1.10656	0.0390028	1.3226	1.3226	0.0213162	1.38238	1.38238	0.801409	1.02993	1.02993	0.461351	1.09172	1.09172
cg24409107	GALE;GALE;GALE;GALE	0.0204834	0.0104023	0.773758	-1.29239	0.381772	0.931171	-1.07392	0.944685	0.994499	-1.00553	0.0291883	0.815215	-1.22667	0.0974137	0.865371	-1.15557
cg01518065	GALK1	0.000144933	0.218308	0.916264	-1.09139	0.000239791	0.66326	-1.5077	0.911319	1.00755	1.00755	0.000174107	1.53772	1.53772	0.0161613	1.21985	1.21985
cg09596173	GALK1	0.00134015	0.00498242	4.08209	4.08209	0.00110307	6.17341	6.17341	0.000630488	7.30172	7.30172	0.00318772	4.59018	4.59018	0.678236	1.17102	1.17102
cg09663203	GALK1	0.00168224	0.14303	0.867888	-1.15222	6.61E-05	1.93223	1.93223	0.00379084	1.42129	1.42129	0.0740513	0.835934	-1.19627	0.203211	1.12852	1.12852
cg19026231	GALK1	0.00344185	0.767507	0.917884	-1.08946	0.767135	1.08962	1.08962	0.00193686	0.281508	-3.55229	0.495745	0.818808	-1.22129	0.0474237	0.519201	-1.92603
cg19804488	GALK1	0.00406445	0.102424	1.33546	1.33546	0.929458	0.985771	-1.01443	0.775903	1.04728	1.04728	0.21259	1.23676	1.23676	0.0317238	1.50313	1.50313
cg11684172	GALK1	0.00673652	0.272387	1.42656	1.42656	0.0126747	2.62087	2.62087	0.0349097	2.14784	2.14784	0.108671	0.580351	-1.7231	0.571184	0.836971	-1.19478
cg01108080	GALK1	0.0131994	0.100697	0.467306	-2.13992	0.0270806	0.330469	-3.026	0.361191	1.4876	1.4876	0.19563	0.560403	-1.78443	0.00135262	0.139563	-7.1652
cg26873488	GALK1	0.0154357	0.120206	0.86817	-1.15185	0.846506	0.983878	-1.01639	0.389884	0.928769	-1.07669	0.5913	0.955558	-1.04651	0.166519	1.13169	1.13169
cg27295561	GALK1	0.0195258	0.929832	1.01714	1.01714	0.0401342	0.632757	-1.58039	0.070722	0.677245	-1.47657	0.238405	1.2691	1.2691	0.0403001	0.63307	-1.57961
cg11779239	GALK1	0.0358919	0.514531	0.815391	-1.22641	0.020792	0.423474	-2.36142	0.0117404	0.378337	-2.64315	0.711822	1.12139	1.12139	0.567398	0.836535	-1.19541
cg08695703	GALK1	0.0425464	0.902641	0.95524	-1.04686	0.0496631	0.432609	-2.31156	0.189375	0.594387	-1.68241	0.348271	1.43526	1.43526	0.0125982	0.313217	-3.19267
cg27225680	GALK1	0.0494302	0.077465	0.813945	-1.22858	0.379974	0.909859	-1.09907	0.771484	1.03102	1.03102	0.195772	0.866318	-1.15431	0.00872985	1.41973	1.41973
cg15029192	GALK2;COPS2;COPS2	0.000188666	0.227227	1.43469	1.43469	0.06163	1.82102	1.82102	0.600162	1.16252	1.16252	0.478698	0.814598	-1.2276	0.26201	0.716758	-1.39517
cg11804248	GALK2;COPS2;COPS2	0.000359401	0.000313813	2.53309	2.53309	0.000577902	2.2944	2.2944	0.496654	0.913096	-1.09518	0.00105828	2.09764	2.09764	6.07E-05	3.47796	3.47796
cg19183542	GALK2;COPS2;COPS2	0.000654644	0.216659	1.12525	1.12525	0.008627	0.730723	-1.36851	0.00146868	1.5519	1.5519	0.00687962	1.38908	1.38908	0.000557383	1.68045	1.68045
cg15880762	GALK2;COPS2;COPS2	0.0205879	0.0444876	1.22553	1.22553	0.479379	0.938595	-1.06542	0.24146	1.11412	1.11412	0.284837	1.10286	1.10286	0.071684	1.19392	1.19392
cg14482068	GALK2;COPS2;COPS2	0.0266867	0.284568	1.24986	1.24986	0.482528	1.15396	1.15396	0.17805	1.3326	1.3326	0.161351	1.35	1.35	0.969104	1.0078	1.0078
cg00842122	GALK2;GALK2	8.71E-05	0.725325	1.05109	1.05109	6.89E-05	0.357868	-2.79432	4.64E-06	0.226801	-4.40915	0.040952	0.716624	-1.39543	0.0112704	0.638674	-1.56574
cg07351637	GALK2;GALK2	0.000191292	0.016591	0.615822	-1.62385	1.81E-05	0.23456	-4.26329	0.0891716	0.733016	-1.36423	0.3195	1.18584	1.18584	0.0212497	0.63203	-1.5822
cg05118636	GALK2;GALK2	0.0014462	0.861187	1.01723	1.01723	0.000186172	1.85098	1.85098	0.0726625	1.21582	1.21582	0.516506	0.937828	-1.06629	0.210009	0.879048	-1.13759
cg11579447	GALK2;GALK2	0.00172625	0.389728	1.19384	1.19384	0.00812467	0.493461	-2.0265	0.399686	0.840903	-1.1892	0.835086	0.959102	-1.04264	0.000548667	0.314359	-3.18107
cg08036668	GALK2;GALK2	0.0115642	0.617975	0.848931	-1.17795	0.438723	1.2934	1.2934	0.0480672	0.47902	-2.0876	0.0157292	2.62254	2.62254	0.0784608	0.529036	-1.89023
ch.15.607847R	GALK2;GALK2	0.0126471	0.0864573	0.369124	-2.70912	?	?	?	0.449808	1.49968	1.49968	0.237703	1.91725	1.91725	0.56942	0.738917	-1.35333
cg15825617	GALK2;GALK2	0.0153192	0.00470637	0.130373	-7.6703	0.209677	0.48814	-2.04859	0.152768	0.435766	-2.29481	0.503332	1.44543	1.44543	0.00295388	0.109305	-9.14871
cg18736186	GALK2;GALK2	0.0155138	0.283756	0.711977	-1.40454	0.0876507	1.7773	1.7773	0.704491	1.12326	1.12326	0.233813	1.46339	1.46339	0.0572691	0.518881	-1.92722
cg10470524	GALK2;GALK2	0.0166408	0.207883	0.757458	-1.32021	0.0015785	2.58373	2.58373	0.143077	1.3899	1.3899	0.12555	1.41454	1.41454	0.103489	1.45136	1.45136
cg26553736	GALK2;GALK2	0.0206511	0.0198267	0.532218	-1.87893	0.384435	0.818768	-1.22135	0.0431066	0.59345	-1.68506	0.84521	1.0448	1.0448	0.0110337	0.48927	-2.04386
cg10156207	GALK2;GALK2	0.0344846	0.187173	0.75881	-1.31785	0.528705	0.881609	-1.13429	0.253352	0.790163	-1.26556	0.249858	0.788664	-1.26797	0.0019701	0.421719	-2.37124
cg25860737	GALK2;GALK2	0.0385894	0.712206	1.14259	1.14259	0.0335686	2.44287	2.44287	0.284327	1.49202	1.49202	0.0311823	2.48361	2.48361	0.310154	0.685359	-1.45909
cg11935459	GALK2;GALK2	0.0432541	0.046203	0.416121	-2.40315	0.0529738	2.32608	2.32608	0.392023	1.40021	1.40021	0.75423	0.88643	-1.12812	0.0160295	0.322531	-3.10048
cg02606218	GALK2;GALK2;COPS2;COPS2	0.0156134	0.000714902	0.61189	-1.63428	0.239371	0.889166	-1.12465	0.590323	0.949501	-1.05318	0.382712	0.918192	-1.0891	0.670577	0.960027	-1.04164
cg08060515	GALK2;GALK2;COPS2;COPS2	0.040873	?	?	?	0.896136	0.926392	-1.07946	0.535494	0.692104	-1.44487	0.495871	1.50035	1.50035	0.246133	0.489242	-2.04398
cg05758117	GALM	0.00265083	0.845451	1.03245	1.03245	0.200612	0.801556	-1.24757	0.0168017	0.620357	-1.61198	0.687887	0.936055	-1.06831	0.467047	1.12874	1.12874
cg01546378	GALM	0.00373721	0.0153661	0.393485	-2.54139	0.00293892	0.277852	-3.59904	0.106187	0.575103	-1.73882	0.360648	0.744792	-1.34266	0.00373673	0.292976	-3.41325
cg19391498	GALM	0.0146442	0.0295786	0.319274	-3.13211	0.0234526	0.299243	-3.34176	0.0674042	0.401152	-2.49282	0.368326	0.662434	-1.50958	0.0449304	0.358529	-2.78917
cg05275752	GALM	0.0171212	0.0271213	0.297444	-3.36198	0.0254315	0.291939	-3.42537	0.434438	0.690956	-1.44727	0.310907	0.615092	-1.62577	0.0157516	0.253705	-3.94159
cg06757180	GALNS	0.00029227	0.977972	1.00778	1.00778	0.00349298	0.329031	-3.03923	0.17081	0.664238	-1.50548	0.411793	0.790247	-1.26543	1.08E-05	0.0720255	-13.884
cg02669544	GALNS	0.000845291	0.000674632	0.305694	-3.27125	0.968025	0.990903	-1.00918	0.000215344	0.244612	-4.0881	0.312419	0.788032	-1.26898	0.0254576	0.545866	-1.83195
cg04458924	GALNS	0.00169363	0.0512136	0.35981	-2.77925	0.00401763	0.168718	-5.92704	0.000291349	0.0659105	-15.1721	0.465219	1.40802	1.40802	0.000936186	0.102964	-9.71217
cg04977749	GALNS	0.00240629	0.0267072	0.701081	-1.42637	0.203772	1.19893	1.19893	0.000983075	0.515443	-1.94008	0.330367	0.872963	-1.14552	0.0327626	0.71329	-1.40195
cg26651280	GALNS	0.0033153	0.582998	0.925006	-1.08107	0.771264	0.959843	-1.04184	0.767289	1.04261	1.04261	0.554805	1.08762	1.08762	0.550334	0.918548	-1.08868
cg05350938	GALNS	0.00693565	0.161351	0.696893	-1.43494	0.443995	0.828273	-1.20733	0.00276954	0.369223	-2.70839	0.139698	0.681336	-1.4677	0.000317485	0.244655	-4.08739
cg05624921	GALNS	0.00798437	0.697596	0.917283	-1.09018	0.00995558	0.486879	-2.0539	0.000712984	0.319932	-3.12567	0.0959207	1.49829	1.49829	0.0575116	0.621897	-1.60798
cg08647453	GALNS	0.00829658	0.00297947	0.33228	-3.00951	0.00352619	0.343124	-2.9144	0.593758	0.864527	-1.1567	0.337237	0.765282	-1.30671	0.000716949	0.248479	-4.02449
cg04564245	GALNS	0.00970119	0.204675	0.633681	-1.57808	0.335092	1.40332	1.40332	0.322146	1.41713	1.41713	0.628292	0.846796	-1.18092	0.000347807	0.140743	-7.10515
cg06680609	GALNS	0.00976709	0.453041	0.688143	-1.45319	0.0287986	0.283463	-3.5278	0.132235	0.451877	-2.21299	0.239909	0.54789	-1.82519	0.000137556	0.0398157	-25.1157
cg16802439	GALNS	0.0102729	0.386937	0.763976	-1.30894	0.590499	1.17928	1.17928	0.279636	1.40663	1.40663	0.677452	0.880753	-1.13539	0.750618	1.10163	1.10163
cg16582469	GALNS	0.0163364	0.476149	0.797707	-1.25359	0.0310043	2.20325	2.20325	0.231717	1.47889	1.47889	0.0051657	0.316054	-3.16402	0.440007	0.782184	-1.27847
cg05397122	GALNS	0.0174302	0.0754762	0.468681	-2.13365	0.109692	0.512827	-1.94997	0.0237538	0.355722	-2.81118	0.846515	0.928473	-1.07704	0.0062947	0.255934	-3.90726
cg08466889	GALNS	0.0211706	0.2815	0.683007	-1.46411	0.790069	0.913122	-1.09514	0.954535	1.01961	1.01961	0.641581	1.17314	1.17314	0.00526765	0.285594	-3.50147
cg02010324	GALNS	0.0239804	0.404421	0.713499	-1.40154	0.00510865	4.3235	4.3235	0.00321895	4.90749	4.90749	0.807988	0.908152	-1.10114	0.915812	0.959022	-1.04273
cg01988233	GALNS	0.0247575	0.0689333	0.551279	-1.81396	0.463366	0.803818	-1.24406	0.0231745	0.451947	-2.21265	0.751691	0.91131	-1.09732	0.00223318	0.285716	-3.49997
cg06941554	GALNS	0.0247986	0.232709	0.647269	-1.54495	0.0870756	0.518532	-1.92852	0.269803	0.670702	-1.49097	0.106509	0.541921	-1.84529	0.00043733	0.144924	-6.90019
cg06526420	GALNS	0.0276303	0.0699363	0.386924	-2.58449	0.00997709	0.217714	-4.59318	0.0667212	0.381645	-2.62024	0.419872	0.679653	-1.47134	0.0358852	0.31859	-3.13883
cg04364752	GALNS	0.0367968	0.127306	0.576843	-1.73357	0.0306158	0.428472	-2.33387	0.00655975	0.307848	-3.24836	0.815863	0.92512	-1.08094	0.00929215	0.33249	-3.00761
cg03381007	GALNS	0.0459189	0.786324	0.9511	-1.05141	0.00302087	0.472344	-2.1171	0.0400929	0.645521	-1.54914	0.82793	0.960632	-1.04098	0.888676	0.974489	-1.02618
cg01686522	GALNS	0.0462901	0.0280122	0.448472	-2.22979	0.491072	1.24121	1.24121	0.813851	0.92972	-1.07559	0.226371	0.675405	-1.48059	0.0282032	0.449061	-2.22687
cg08781448	GALNS;TRAPPC2L	0.0151632	0.00914147	0.452211	-2.21136	0.205697	0.726154	-1.37712	0.383742	0.807284	-1.23872	0.0108388	0.464431	-2.15317	0.00270655	0.370421	-2.69963
cg00073650	GALNS;TRAPPC2L	0.0362331	0.402241	0.696249	-1.43627	0.0131499	3.66389	3.66389	0.423722	1.41208	1.41208	0.851552	1.08233	1.08233	0.0403783	0.367882	-2.71826
cg10130071	GALNT1	0.00870875	0.802888	0.9684	-1.03263	0.892881	0.982851	-1.01745	0.00346551	0.600812	-1.66441	0.628468	0.939318	-1.0646	0.00125211	0.546042	-1.83136
cg16741573	GALNT1	0.0310662	0.0270837	0.26318	-3.79968	0.052292	0.324322	-3.08336	0.00504541	0.150791	-6.63171	0.182123	0.485563	-2.05946	0.00737834	0.171823	-5.81993
cg07452312	GALNT10	0.000675802	7.54E-05	0.209545	-4.77225	0.0126414	0.509389	-1.96314	0.00106084	0.34882	-2.86681	0.0065965	0.464175	-2.15436	0.00509376	0.446863	-2.23782
cg26565838	GALNT10	0.00532888	0.009794	0.342103	-2.92309	0.00606155	0.308144	-3.24524	0.000145076	0.116625	-8.57448	0.380553	0.744214	-1.3437	0.763573	0.905668	-1.10416
cg17852245	GALNT10	0.0108713	0.00098592	0.235346	-4.24906	0.0604963	0.535107	-1.86878	0.00498098	0.333505	-2.99846	0.219206	0.6827	-1.46477	0.607238	1.16552	1.16552
cg11361335	GALNT10	0.0198874	0.425996	0.862805	-1.15901	0.00087868	0.404367	-2.473	0.0205188	0.602483	-1.6598	0.108059	0.727391	-1.37478	0.442141	1.15289	1.15289
cg26201434	GALNT10	0.0210722	0.0236559	0.272107	-3.67502	0.00616911	0.178884	-5.59022	0.110574	0.43271	-2.31102	0.195151	0.516772	-1.93509	0.00328776	0.145201	-6.88698
cg04997435	GALNT10	0.0212604	0.282257	0.859918	-1.1629	0.303855	0.866032	-1.15469	0.841347	1.02744	1.02744	0.278924	0.858945	-1.16422	0.00753687	0.62851	-1.59107
cg13579752	GALNT10	0.0294714	0.00344375	0.350442	-2.85354	0.292474	0.749557	-1.33412	0.104449	0.625965	-1.59753	0.144283	0.661019	-1.51282	0.0262544	0.498671	-2.00533
cg01126095	GALNT10	0.0374676	0.759703	0.94674	-1.05626	0.398522	0.857099	-1.16673	0.306954	1.20765	1.20765	0.986581	0.997004	-1.003	0.568639	0.902321	-1.10825
cg11208869	GALNT10	0.0387962	0.958154	0.993304	-1.00674	0.0185071	0.69367	-1.44161	0.673996	0.947265	-1.05567	0.0207829	0.700216	-1.42813	0.835058	1.02706	1.02706
cg21123733	GALNT10	0.0484874	0.550048	1.10351	1.10351	0.0148329	1.6294	1.6294	0.128731	1.30659	1.30659	0.0383484	0.676455	-1.4783	0.241071	1.22127	1.22127
cg08417425	GALNT10;GALNT10	2.33E-05	0.380752	0.880685	-1.13548	0.107152	1.28215	1.28215	0.731859	1.04981	1.04981	0.913207	1.01553	1.01553	3.84E-07	0.128008	-7.81204
cg00408567	GALNT10;GALNT10	0.00187832	0.000174951	0.0945169	-10.5801	0.0406655	0.416594	-2.40042	0.0164093	0.337346	-2.96432	0.00451958	0.246124	-4.06299	0.00048436	0.131722	-7.59173
cg05599825	GALNT10;GALNT10	0.00287227	0.00343002	0.551604	-1.81289	0.00217339	1.90357	1.90357	0.180738	1.23699	1.23699	0.67703	1.06469	1.06469	0.990577	1.00177	1.00177
cg26013791	GALNT10;GALNT10	0.00571834	0.00353653	0.475787	-2.10178	0.0980333	1.40626	1.40626	0.393847	0.848681	-1.1783	0.0912478	0.705099	-1.41824	0.000918166	0.394373	-2.53567
cg21569714	GALNT10;GALNT10	0.0187631	0.0427812	0.0955547	-10.4652	0.00153164	0.0101343	-98.6751	0.0394657	0.090852	-11.0069	0.379823	0.403672	-2.47726	0.0126658	0.0441431	-22.6536
cg14618638	GALNT11	0.0128169	0.929563	1.04192	1.04192	0.124406	0.461711	-2.16586	0.00147908	8.41906	8.41906	0.420387	1.46579	1.46579	0.0107952	0.225929	-4.42618
cg16586442	GALNT11	0.0254871	0.428436	0.919406	-1.08766	0.0981964	1.20747	1.20747	0.00253726	1.54568	1.54568	0.0194	1.34151	1.34151	0.310164	1.11533	1.11533
cg13831433	GALNT11	0.0274922	0.212596	0.729706	-1.37042	0.636136	1.12119	1.12119	0.050867	0.586301	-1.70561	0.0399194	0.565497	-1.76835	0.170091	0.704171	-1.42011
cg04606663	GALNT11	0.0341967	0.184083	0.68251	-1.46518	0.113178	0.626664	-1.59575	0.273869	0.734425	-1.36161	0.0120599	0.427999	-2.33646	0.00398826	0.350229	-2.85527
cg17236067	GALNT11;GALNT11	0.0298749	0.464525	1.20818	1.20818	0.105137	0.637731	-1.56806	0.756998	0.924177	-1.08204	0.4656	1.20761	1.20761	0.000713718	0.270039	-3.70317
cg14352586	GALNT12	0.0273471	0.655048	0.904235	-1.10591	0.0387413	0.585187	-1.70885	0.0795283	0.646822	-1.54602	0.73494	1.07904	1.07904	0.702549	0.917691	-1.08969
cg17346647	GALNT13	0.00110452	0.0868062	0.552172	-1.81103	0.000689693	0.196551	-5.08774	0.0325216	0.455763	-2.19412	0.620572	0.854965	-1.16964	0.000515681	0.182396	-5.48257
cg06620541	GALNT13	0.00500971	0.0128142	0.692776	-1.44347	0.155563	1.19773	1.19773	0.221156	1.16498	1.16498	0.134143	1.21143	1.21143	0.142113	1.2061	1.2061
cg09993021	GALNT13	0.00640041	0.720827	0.961192	-1.04037	0.783063	1.03091	1.03091	0.403318	0.909979	-1.09893	0.574307	0.939315	-1.06461	0.331991	1.11672	1.11672
cg05036991	GALNT13	0.00889929	0.614089	1.10555	1.10555	0.00161689	2.43985	2.43985	0.565772	0.891754	-1.12139	0.215992	0.773396	-1.293	0.0274793	0.597736	-1.67298
cg07547000	GALNT13	0.0142381	0.303688	0.820902	-1.21817	0.587848	1.10668	1.10668	0.0296513	1.60683	1.60683	0.06675	1.46343	1.46343	0.0652152	1.46736	1.46736
cg18118685	GALNT13	0.0197699	0.0391775	0.58032	-1.72319	0.245046	0.757855	-1.31951	0.0109144	2.07208	2.07208	0.0506027	1.66186	1.66186	0.613327	1.12321	1.12321
cg12424785	GALNT13	0.0274997	0.0106673	1.82737	1.82737	0.940613	0.986104	-1.01409	0.00964015	1.85019	1.85019	0.0321068	1.60237	1.60237	0.940393	1.01414	1.01414
cg02593932	GALNT13	0.038325	0.212725	1.292	1.292	0.0238639	1.69265	1.69265	0.0248615	1.68418	1.68418	0.0671662	1.49256	1.49256	0.0719209	1.48019	1.48019
cg26983710	GALNT13	0.0411759	0.304092	1.65365	1.65365	0.942343	1.03458	1.03458	0.215036	0.538854	-1.85579	0.909269	0.947822	-1.05505	0.00126355	0.0948849	-10.5391
cg24412079	GALNT13	0.0492478	0.0121573	0.551506	-1.81322	0.968534	1.00754	1.00754	0.0375258	1.58334	1.58334	0.28532	1.2353	1.2353	0.520981	0.883485	-1.13188
cg10033761	GALNT13;GALNT13	0.000553686	0.242323	0.86441	-1.15686	0.00350159	0.623971	-1.60264	0.00266808	0.609827	-1.63981	0.711578	0.956742	-1.04521	0.00154162	0.581337	-1.72017
cg12079322	GALNT13;GALNT13	0.0096161	0.0111135	0.32128	-3.11255	0.121583	0.549569	-1.81961	0.57258	1.22552	1.22552	0.00512515	0.267432	-3.73927	0.433789	0.752108	-1.3296
cg22996440	GALNT14	1.40E-05	0.00124356	0.537783	-1.85949	4.52E-06	0.250047	-3.99925	0.0055847	0.619715	-1.61364	0.565998	1.07927	1.07927	1.87E-05	0.317985	-3.14481
cg26988215	GALNT14	0.000687739	0.0160452	0.578022	-1.73004	6.67E-05	0.256891	-3.8927	0.393103	1.17669	1.17669	0.0736796	1.44896	1.44896	0.000322748	0.338943	-2.95034
cg18098004	GALNT14	0.00337504	0.598888	0.863163	-1.15853	0.0752489	1.73175	1.73175	0.271397	1.37359	1.37359	0.0100091	0.405981	-2.46317	0.00017691	0.171653	-5.82572
cg20304857	GALNT14	0.00568888	0.00112544	0.291309	-3.43278	0.366863	1.2693	1.2693	0.308655	0.762581	-1.31134	0.0394081	0.541731	-1.84593	0.0151712	0.464245	-2.15403
cg10035812	GALNT14	0.0172587	0.184805	0.847496	-1.17995	0.0318375	1.34443	1.34443	0.0633543	1.27845	1.27845	0.761687	0.964848	-1.03643	0.00631697	0.658103	-1.51952

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18480033	0.212456	0.784649	-1.27445	0.00148451	2.3314	2.3314	0.0248347	1.63765	1.63765	0.0338293	0.632807	-1.58026	11.0762	5.98241	0.480102	1
cg18105179	0.0153617	1.66132	1.66132	3.19E-05	3.98111	3.98111	0.485408	0.886073	-1.12858	0.438717	1.14427	1.14427	10.1191	4.66586	0.409861	1
cg16759745	0.020757	0.507583	-1.97012	0.89266	1.03343	1.03343	0.156112	0.691027	-1.44712	0.00273389	0.365145	-2.73864	9.42637	8.85755	0.83525	1
cg04140903	0.750459	0.948579	-1.05421	0.000630388	2.3851	2.3851	0.00362194	1.91828	1.91828	0.453969	1.13451	1.13451	8.93505	3.87368	0.385366	1
cg03775350	0.0568166	1.32293	1.32293	0.00130221	1.83662	1.83662	0.524413	0.919666	-1.08735	0.739118	1.04434	1.04434	7.67613	2.0489	0.23726	1
cg12911589	0.245163	1.20123	1.20123	0.05531	1.38769	1.38769	0.508069	0.90369	-1.10657	0.00295401	0.540373	-1.85057	7.47539	2.69313	0.320237	1
cg21486532	0.0356495	1.96808	1.96808	0.0545589	0.546699	-1.82916	0.0498026	1.85808	1.85808	0.0940576	0.600654	-1.66485	7.35883	8.93529	1.07931	1
cg03584389	0.0262116	3.98446	3.98446	0.00225352	9.40323	9.40323	0.163922	2.17851	2.17851	0.0543563	3.14058	3.14058	4.9451	21.5203	3.8683	1
cg03898010	0.0446636	1.59848	1.59848	0.00113768	2.64827	2.64827	0.0103307	1.92983	1.92983	0.370555	1.20575	1.20575	4.90499	3.21644	0.582888	1
cg14812376	0.00673015	1.81357	1.81357	0.0107032	1.72196	1.72196	0.0510512	1.45713	1.45713	0.641363	0.923603	-1.08272	4.51429	2.05207	0.404064	1
cg06402816	0.0510413	9.2578	9.2578	0.00247423	67.6101	67.6101	0.0385615	11.0217	11.0217	0.0219569	15.6805	15.6805	4.40343	69.9415	14.1186	1
cg15346191	0.0706152	12.6242	12.6242	0.00417087	123.741	123.741	0.0351393	21.7595	21.7595	0.0238423	29.4969	29.4969	4.26467	106.382	22.1732	1
cg13345353	0.403619	0.823193	-1.21478	0.00285972	0.392858	-2.54545	0.534058	1.15416	1.15416	0.0342629	0.569896	-1.75471	3.69271	3.03112	0.729633	1
cg03462699	0.0607501	24.1778	24.1778	0.00514198	261.987	261.987	0.0550511	26.514	26.514	0.0399153	35.8204	35.8204	3.50684	126.096	31.962	1
cg06569300	0.0025245	0.557642	-1.79327	0.00310373	1.75684	1.75684	8.09E-05	2.69277	2.69277	0.0207269	0.678499	-1.47384	32.9632	10.1277	0.273104	1
cg24089521	0.00405063	0.513571	-1.94715	0.00714156	1.82185	1.82185	8.86E-05	3.36103	3.36103	0.0206162	0.617916	-1.61834	29.7306	14.0369	0.419678	1
cg20051530	?	?	?	8.90E-05	0.175407	-5.70101	0.0202132	0.499195	-2.00322	0.0245381	0.514544	-1.94347	13.864	12.0109	0.866341	1
cg02839195	0.107933	0.672464	-1.48707	0.000580902	0.300101	-3.33221	0.120457	1.46378	1.46378	0.390829	0.819628	-1.22007	6.74196	5.46443	0.720454	1
cg24960947	0.222521	1.55381	1.55381	0.269162	0.67326	-1.48531	0.117369	0.557259	-1.7945	0.266357	0.671566	-1.48906	4.64788	8.70018	1.66387	1
cg09005399	0.441674	1.11409	1.11409	0.00045045	2.14219	2.14219	0.645022	1.06597	1.06597	0.283978	1.16566	1.16566	3.92444	1.17877	0.266993	1
cg14780632	0.258072	1.15588	1.15588	4.24E-06	3.68698	3.68698	0.135067	1.21865	1.21865	0.0689457	1.28381	1.28381	19.3318	4.61327	0.212121	1
cg15916004	0.275763	1.88957	1.88957	0.008383	0.151026	-6.62139	0.332308	0.57044	-1.75303	0.935459	0.955561	-1.04651	4.09514	20.4314	4.43484	1
cg21238818	0.281595	1.37277	1.37277	0.0211486	0.456182	-2.19211	0.147845	0.644298	-1.55208	0.184216	0.671118	-1.49005	4.03559	5.12356	1.12853	1
cg07212384	0.192716	0.607843	-1.64516	0.00225642	0.213627	-4.68107	0.439293	0.752131	-1.32956	0.091423	0.511071	-1.95668	5.74993	11.8754	1.83583	1
cg24616382	0.90328	0.930352	-1.07486	0.00683261	0.124851	-8.00955	0.0139323	0.164674	-6.0726	0.0570042	0.278341	-3.59271	4.87448	27.2241	4.96447	1
cg06189038	0.465394	0.725383	-1.37858	0.0358125	0.348019	-2.87341	0.0396031	0.357558	-2.79675	0.106863	0.467314	-2.13989	4.86342	14.3851	2.62917	1
cg03205010	0.00390598	0.753138	-1.32778	0.112887	1.13421	1.13421	0.722009	0.974266	-1.02641	0.0499429	0.849449	-1.17723	23.6364	1.99383	0.0749816	1
cg10328290	0.00241703	2.01442	2.01442	0.0352423	1.50163	1.50163	0.260162	0.823075	-1.21496	0.288598	0.833079	-1.20037	5.40428	2.35219	0.386886	1
cg00702729	0.201736	0.796268	-1.25586	0.159416	1.28931	1.28931	0.321537	1.18896	1.18896	0.583913	0.910766	-1.09798	3.52656	1.59517	0.402071	1
cg04738877	0.939811	0.976906	-1.02364	0.0925593	0.563984	-1.7731	0.0476767	0.496244	-2.01514	0.6623	1.14565	1.14565	6.43214	9.7524	1.34773	1
cg26245531	0.879007	1.04148	1.04148	0.0065915	0.390166	-2.56301	0.0860503	1.65875	1.65875	0.00661848	2.56114	2.56114	4.88774	5.51	1.00205	1
cg13789423	0.57349	0.789646	-1.26639	0.231795	0.59409	-1.68325	0.698403	0.850721	-1.17547	0.0290785	0.343681	-2.90967	4.25074	11.6065	2.42707	1
cg01035038	0.90738	1.01958	1.01958	0.0958085	0.737305	-1.35629	0.207036	0.801174	-1.24817	0.000228053	2.77411	2.77411	8.16008	3.58674	0.390708	1
cg08837308	0.274657	0.854281	-1.17058	0.639994	0.936812	-1.06745	0.830704	1.03011	1.03011	6.63E-05	2.75504	2.75504	7.80138	2.37237	0.270308	1
cg04052570	0.12214	0.827403	-1.2086	0.00631662	0.668872	-1.49505	0.606856	1.06045	1.06045	0.0494184	1.28862	1.28862	3.69172	0.747686	0.180027	1
cg10961323	0.104018	1.56628	1.56628	0.0291365	0.522552	-1.91368	2.03E-05	8.7985	8.7985	0.0226433	1.99158	1.99158	23.7885	24.0091	0.897132	1
cg21523719	0.000444614	0.399285	-2.50448	0.0323044	0.660226	-1.51463	0.000681877	2.36231	2.36231	0.520312	1.11397	1.11397	13.8742	6.02814	0.38621	1
cg22041707	0.796352	0.972554	-1.02822	0.00272672	0.640643	-1.56093	0.106899	1.20854	1.20854	0.00475544	1.49693	1.49693	11.0065	2.01855	0.163019	1
cg10498717	0.510028	0.923638	-1.08268	0.0855039	0.797758	-1.25351	0.0172718	1.41164	1.41164	0.0440095	1.31666	1.31666	5.82957	1.30457	0.19892	1
cg25549791	0.696825	1.09509	1.09509	0.0063317	0.438365	-2.2812	0.0749211	0.631176	-1.58434	0.621684	0.891011	-1.12232	5.6037	4.77693	0.757742	1
cg07291005	0.0235039	1.46008	1.46008	0.0246356	0.687731	-1.45406	0.200717	0.827742	-1.20811	0.122509	0.791278	-1.26378	4.86586	1.50808	0.275495	1
cg24454698	0.64613	1.05559	1.05559	0.00433718	0.640119	-1.56221	0.00813222	1.48655	1.48655	0.775809	0.96714	-1.03398	5.20845	1.12958	0.192778	1
cg24409107	0.0892971	0.861614	-1.16061	0.00218565	0.710602	-1.40726	0.213486	1.10976	1.10976	0.0766538	0.85509	-1.16947	4.66649	0.467088	0.0889724	1
cg01518065	9.95E-05	0.627258	-1.59424	0.00964582	1.24761	1.24761	0.0671211	0.870589	-1.14865	0.0833166	0.87856	-1.13823	20.0416	1.44775	0.0642109	1
cg09596173	0.0426953	2.41793	2.41793	0.163296	1.75604	1.75604	0.000161973	11.4335	11.4335	0.0901613	2.02734	2.02734	10.8243	24.55	2.01603	1
cg09663203	0.302611	1.1009	1.1009	0.823021	1.02037	1.02037	0.92211	0.991235	-1.00884	0.116337	0.857605	-1.16604	10.1385	1.30116	0.114078	1
cg19026231	0.000192732	0.162941	-6.13718	0.0672044	0.552751	-1.80913	0.582632	1.17399	1.17399	0.00582375	0.352164	-2.83958	8.21487	10.8678	1.17595	1
cg19804488	0.686642	1.06785	1.06785	0.00014837	2.87338	2.87338	0.0106719	0.594798	-1.68124	0.22742	1.22764	1.22764	7.81473	3.24255	0.368825	1
cg11684172	0.776688	0.915367	-1.09246	0.00415065	0.302726	-3.30332	0.00406351	3.31844	3.31844	0.127212	1.67016	1.67016	6.69463	10.2532	1.36139	1
cg01108080	0.416501	1.42101	1.42101	0.0052167	0.210235	-4.75659	0.238789	0.593307	-1.68547	0.595067	1.25481	1.25481	5.4032	15.3212	2.52052	1
cg26873488	0.596633	1.04581	1.04581	0.000322165	1.62906	1.62906	0.874985	1.01329	1.01329	0.621173	1.04266	1.04266	5.13182	0.571679	0.0990213	1
cg27295561	0.0611468	0.665511	-1.5026	0.00829778	1.91794	1.91794	0.344697	0.828759	-1.20662	0.0406197	0.63367	-1.57811	4.74303	2.79759	0.524295	1
cg11779239	0.0116786	0.377938	-2.64594	0.0341336	0.466088	-2.14552	0.197731	0.656793	-1.52255	0.0190894	0.416472	-2.40112	3.83202	5.78629	1.34221	1
cg08695703	0.00488338	0.247579	-4.03911	0.950782	1.02337	1.02337	0.579775	0.811162	-1.2328	0.0827934	0.48732	-2.05204	3.60001	7.98352	1.97123	1
cg27225680	0.111107	1.19968	1.19968	0.0433177	1.27607	1.27607	0.879684	0.984237	-1.01601	0.4473	1.08463	1.08463	3.40292	0.592954	0.154888	1
cg15029192	2.00E-06	0.0354004	-28.2483	0.0633556	0.551836	-1.81213	0.849622	0.94739	-1.05553	0.806361	0.932462	-1.07243	18.6639	23.964	1.14131	1
cg11804248	0.000536774	2.32092	2.32092	0.00320556	1.81333	1.81333	0.353557	1.13467	1.13467	0.000201866	2.73693	2.73693	26.804	6.93911	0.172589	1
cg19183542	0.236787	1.11901	1.11901	0.0445993	0.808746	-1.23648	0.0155909	0.758836	-1.31781	0.00188269	0.656756	-1.52264	16.3576	2.05728	0.09782	1
cg15880762	0.739566	0.971026	-1.02984	0.0674714	1.1979	1.1979	0.000603711	1.59383	1.59383	0.906418	1.01042	1.01042	4.65841	0.573072	0.10935	1
cg14482068	0.174602	0.748476	-1.33605	0.00141315	0.395699	-2.52718	0.352304	0.825275	-1.21172	0.177068	1.33357	1.33357	4.25906	2.71533	0.566706	1
cg00842122	0.455968	0.898305	-1.11321	0.00488892	1.69358	1.69358	0.0682244	0.749457	-1.3343	0.268523	1.17678	1.17678	22.9721	7.2585	0.280862	1
cg07351637	0.000667217	0.421946	-2.36997	0.000365306	0.388245	-2.57569	0.720884	0.942289	-1.06125	0.000112424	0.324823	-3.0786	18.5942	8.08497	0.386499	1
cg05118636	0.16854	1.15394	1.15394	0.000690809	0.603233	-1.65773	0.0315883	1.27886	1.27886	0.223121	1.13306	1.13306	10.5903	1.59723	0.134062	1
cg11579447	0.00168967	0.385513	-2.59394	0.00182935	2.55927	2.55927	0.404347	1.18706	1.18706	0.0906426	0.684529	-1.46086	12.0528	7.49483	0.483647	1
cg08036668	0.418087	0.763736	-1.30935	0.3684	0.740124	-1.35113	0.0011323	4.75998	4.75998	0.625828	1.17359	1.17359	5.6407	9.4789	1.49373	1
ch.15.607847R	0.000347511	0.0484381	-20.6449	0.86367	0.913532	-1.09465	0.545712	1.37958	1.37958	0.822438	1.12556	1.12556	5.58561	21.7755	3.8985	1
cg15825617	0.00523066	0.135576	-7.37595	0.0582663	0.313234	-3.1925	0.849031	1.1089	1.1089	0.277176	0.541702	-1.84603	5.14471	23.9736	4.14209	1
cg18736186	0.984464	1.00596	1.00596	0.00462931	0.316886	-3.15571	0.00514992	3.08633	3.08633	0.89155	0.959241	-1.04249	5.12323	7.55037	1.31	1
cg10470524	0.465445	1.16812	1.16812	0.233407	0.770004	-1.2987	0.00800953	2.03571	2.03571	0.126676	1.41285	1.41285	5.00507	3.46892	0.616072	1
cg26553736	0.0878963	1.52551	1.52551	0.755456	0.932345	-1.07256	0.733659	0.926279	-1.07959	0.00407497	0.421287	-2.37368	4.65355	3.70538	0.707775	1
cg10156207	0.00358327	0.458953	-2.17887	0.186664	0.758539	-1.31832	0.272963	0.798315	-1.25264	0.625885	0.907556	-1.10186	3.88793	2.40003	0.548713	1
cg25860737	0.449342	1.31962	1.31962	0.107031	0.531019	-1.88317	0.00533732	3.74482	3.74482	0.443193	1.32481	1.32481	3.73204	7.65007	1.82208	1
cg11935459	0.250694	1.58523	1.58523	0.885202	1.05702	1.05702	0.974033	0.987583	-1.01257	0.0262297	0.363434	-2.75153	3.578	8.34993	2.07439	1
cg02606218	0.896499	1.01249	1.01249	0.75844	0.971018	-1.02985	0.00920775	1.37056	1.37056	0.581672	0.94833	-1.05449	5.11236	0.736019	0.127972	1
cg08060515	0.182796	0.433814	-2.30514	0.00130418	0.0541142	-18.4794	0.663332	0.77365	-1.29257	0.0883004	0.326974	-3.05835	4.04442	19.0985	4.13191	1
cg05758117	0.193018	1.25285	1.25285	0.241445	1.22219	1.22219	5.15E-05	0.289339	-3.45616	0.834877	0.966421	-1.03475	8.87744	3.7647	0.376956	1
cg01546378	0.096274	0.564052	-1.77289	0.000701927	0.197906	-5.0529	0.00093451	0.212541	-4.70497	0.0668147	0.525039	-1.90462	8.01469	12.4784	1.38395	1
cg19391498	0.00519278	0.193187	-5.17634	0.00411682	0.179938	-5.55746	0.00384139	0.176125	-5.67779	0.0906415	0.435669	-2.29532	5.22195	16.4288	2.79653	1
cg05275752	0.0861395	0.415221	-2.40836	0.00516148	0.180541	-5.53892	0.00180365	0.127791	-7.82525	0.133649	0.472422	-2.11675	4.95769	16.8707	3.02483	1
cg06757180	0.0015946	0.280621	-3.56353	0.000323857	0.195739	-5.10885	0.62653	1.14747	1.14747	0.00890335	0.393121	-2.54374	16.5681	20.6483	1.10779	1
cg02669544	0.0289239	0.5559	-1.79889	7.14E-05	0.19199	-5.2086	0.208907	0.739358	-1.35253	0.0589285	0.614917	-1.62624	12.3392	10.1565	0.731655	1
cg04458924	0.0597962	0.376113	-2.65878	0.0103236	0.225881	-4.42711	0.0338383	0.319578	-3.12912	0.00128766	0.115332	-8.67059	10.1188	33.9705	2.98416	1
cg04977749	0.168496	0.819973	-1.21955	0.000531839	2.07409	2.07409	0.754754	0.9585	-1.0433	0.3331	0.873674	-1.14459	9.13408	2.64679	0.257574	1
cg26651280	0.696004	0.946289	-1.05676	0.0828143	0.763328	-1.31005	3.30E-05	0.321946	-3.10611	0.866999	0.97671	-1.02385	8.30732	2.60081	0.278289	1
cg05350938	0.237595	1.34811	1.34811	0.39509	1.23403	1.23403	0.396755	0.810982	-1.23307	0.891601	0.967616	-1.03347	6.63419	6.12453	0.820602	1
cg05624921	0.0167084	0.52416	-1.90782	0.0789877	0.649682	-1.53922	0.494694	1.1657	1.1657	0.980349	1.00546	1.00546	6.34805	4.91546	0.688289	1
cg08647453	0.0388762	0.52383	-1.90902	0.971933	0.990532	-1.00956	0.622916	0.874582	-1.1434	0.323555	0.759053	-1.31743	6.2718	7.26195	1.02922	1
cg04564245	0.00610506	0.29521	-3.38742	0.588496	0.830113	-1.20465	0.724981	1.12795	1.12795	0.355915	0.723475	-1.38222	5.96818	10.983	1.63578	1
cg06680609	0.755794	1.16479	1.16479	0.912102	0.94744	-1.05548	0.680048	0.816474	-1.22478	0.273687	0.572948	-1.74536	5.9553	22.5492	3.36569	1
cg16802439	0.0818872	0.556968	-1.79543	0.251787	1.43827	1.43827	0.526648	0.823045	-1.215	0.000198272	0.149895	-6.67134	5.85989	8.55243	1.29732	1
cg16582469	0.324396	0.727985	-1.37365	0.0242395	0.432583	-2.3117	0.273098	1.42734	1.42734	0.0161239	0.399154	-2.5053	5.03599	7.76158	1.36998	1
cg05397122	0.00502657	0.241431	-4.14197	0.0251416	0.360611	-2.77307	0.00545104	0.246586	-4.05539	0.102403	0.50435	-1.98275	4.92807	11.4467	2.06468	1
cg08466889	0.0331348	0.428088	-2.33597	0.0448377	0.45641	-2.19101	0.00197788	0.225668	-4.4313	0.158071	0.598066	-1.67206	4.61426	8.47901	1.63339	1
cg02010324	0.0907189	0.478331	-2.0906	0.228602	1.64872	1.64872	0.841045	1.0827	1.0827	0.945705	1.02732	1.02732	4.42065	10.9624	2.20429	1
cg01988233	0.0201755	0.440545	-2.26992	0.0268232	0.464241	-2.15405	0.0661634	0.547174	-1.82757	0.0338005	0.484268	-2.06497	4.37202	5.92716	1.20507	1
cg06941554	0.760358	1.1122	1.1122	0.315395	0.697091	-1.43453	0.267015	0.66901	-1.49475	0.0955197	0.529123	-1.88992	4.3695	8.36138	1.70096	1
cg06526420	0.00500688	0.175499	-5.69804	0.0359464	0.318748	-3.13728	0.011773	0.228973	-4.36732	0.156619	0.491662	-2.03392	4.20742	14.6305	3.09095	1
cg04364752	0.0351581	0.440977	-2.26769	0.151748	0.599053	-1.6693	0.931119	0.971567	-1.02927	0.0478905	0.470162	-2.12693	3.79748	6.69568	1.56728	1
cg03381007	0.28361	0.814204	-1.22819	0.0997406	1.39494	1.39494	0.193814	0.775947	-1.28875	0.116062	0.729689	-1.37045	3.49891	1.88656	0.479276	1
cg01686522	0.418379	0.77455	-1.29107	0.00350177	0.294136	-3.39979	0.510156	0.813514	-1.22923	0.0658778	0.528579	-1.89187	3.48834	5.27324	1.34371	1
cg08781448	0.00288801	0.374554	-2.66984	0.387451	0.808697	-1.23656	0.716683	0.916352	-1.09128	0.158657	0.696871	-1.43499	5.16218	4.69718	0.808819	1
cg00073650	0.140855	0.512248	-1.95218	0.00936773	0.248693	-4.02102	0.59858	0.799029	-1.25152	0.523862	0.761236	-1.31365	3.81887	10.7878	2.511	1
cg10130071	0.805165	0.968768	-1.03224	0.0173556	1.45059	1.45059	0.778936	1.03679	1.03679	0.209542	1.18507	1.18507	6.17644	1.61243	0.232055	1
cg16741573	0.0753552	0.364207	-2.74569	0.0834912	0.376317	-2.65734	0.668333	1.24592	1.24592	0.153014	0.458089	-2.18298	4.03636	16.6371	3.66384	1
cg07452312	0.00875454	0.483546	-2.06806	0.000619842	0.317854	-3.1461	0.733749	1.07712	1.07712	0.00257495	0.402803	-2.4826	13.1398	9.85275	0.666526	1
cg26565838	0.076328	0.523268	-1.91107	0.078407	0.526162	-1.90055	0.0841326	0.53384	-1.87322	0.754593	0.902133	-1.10848	7.19699	12.2966	1.51873	1
cg17852245	0.102448	0.589833	-1.69539	0.0074552	0.361367	-2.76727	0.0965278	0.583325	-1.71431	0.0431725	0.502989	-1.98812	5.75428	7.953	1.22853	1
cg11361335	0.637375	0.917417	-1.09002	0.426176	1.15894	1.15894	0.674138	0.926102	-1.07979	0.0368092	0.643855	-1.55315	4.71359	2.46018	0.46394	1
cg26201434	0.312681	0.604631	-1.6539	0.00601349	0.177407	-5.63676	0.414838	0.669273	-1.49416	0.105731	0.426834	-2.34283	4.62161	16.9895	3.26765	1
cg04997435	0.259821	0.853201	-1.17206	0.0289433	1.41597	1.41597	0.0190431	1.46721	1.46721	0.0583188	0.749036	-1.33505	4.60759	1.33123	0.25682	1
cg13579752	0.661311	1.1234	1.1234	0.903496	1.03253	1.03253	0.133182	1.53356	1.53356	0.0348596	0.52252	-1.9138	4.11269	4.53781	0.980772	1
cg01126095	0.112813	0.734978	-1.36059	0.085104	1.40442	1.40442	0.00154309	2.2536	2.2536	0.926191	1.01667	1.01667	3.77254	1.90152	0.448038	1
cg11208869	0.838997	1.02639	1.02639	0.0138911	1.47578	1.47578	0.793412	1.03418	1.03418	0.0749905	0.775766	-1.28905	3.72474	0.967219	0.230822	1
cg21123733	0.212365	0.807389	-1.23856	0.307746	0.842007	-1.18764	0.0766377	0.725593	-1.37818	0.81613	1.03867	1.03867	3.42785	1.4403	0.37349	1
cg08417425	0.498348	0.907429	-1.10201	0.798607	0.964513	-1.03679	0.000516026	2.15055	2.15055	0.06098	1.34774	1.34774	32.5292	10.289	0.281157	1
cg00408567	0.234874	0.630457	-1.58615	0.0243568	0.370039	-2.70242	0.00687087	0.273417	-3.65742	0.0121346	0.313997	-3.18475	9.81962	21.3487	1.93252	1
cg05599825	0.00555809	0.579772	-1.72482	0.507152	1.10595	1.10595	0.0027903	0.539678	-1.85296	0.887137	1.02148	1.02148	8.66931	3.07488	0.315277	1
cg26013791	0.102433	0.714816	-1.39896	0.320562	1.21264	1.21264	0.0339722	0.628141	-1.592	0.125134	1.36593	1.36593	7.04277	3.93629	0.496811	1
cg21569714	0.0853691	0.14734	-6.78701	0.010054	0.0379616	-26.3424	0.0656665	0.124931	-8.00444	0.0795523	0.140929	-7.0958	4.8074	77.1981	14.2739	1
cg14618638	0.979247	1.01216	1.01216	0.0336774	0.3159	-3.16556	0.436044	1.44646	1.44646	0.876441	1.07495	1.07495	5.45535	18.6434	3.03775	1
cg16586442	0.297117	1.11891	1.11891	0.73986	1.03524	1.03524	0.107099	0.832912	-1.20061	0.29022	0.892177	-1.12085	4.32806	0.740538	0.15209	1
cg13831433	0.0225161	0.518967	-1.92691	0.0397678	1.76936	1.76936	0.0578045	1.67341	1.67341	0.415195	1.22129	1.22129	4.21484	3.846	0.811103	1
cg04606663	0.0156701	0.447965	-2.23232	0.910279	1.03103	1.03103	0.845272	1.05439	1.05439	0.078068	0.588175	-1.70017	3.89971	4.53886	1.03457	1
cg17236067	0.691667	0.903689	-1.10657	0.3348	0.776703	-1.28749	0.595325	1.14589	1.14589	0.42183	1.23177	1.23177	4.0929	4.18366	0.9086	1
cg14352586	0.00195269	0.375123	-2.6658	0.0534726	1.63398	1.63398	0.986594	1.00377	1.00377	0.17002	0.72096	-1.38704	4.22269	3.3516	0.705522	1
cg17346647	0.00710353	0.335531	-2.98035	0.00171673	0.24532	-4.0763	0.5275	0.8179	-1.22264	0.000192159	0.139165	-7.18573	11.4389	17.863	1.38809	1
cg06620541	0.466329	0.915743	-1.09201	0.000170185	2.1362	2.1362	0.457012	1.09411	1.09411	0.982836	0.997449	-1.00256	7.33425	1.63761	0.198473	1
cg09993021	0.382958	1.10372	1.10372	0.00120125	1.68765	1.68765	0.0487157	0.78011	-1.28187	0.00142676	0.601155	-1.66346	6.80187	1.31073	0.17129	1
cg05036991	0.103786	1.42056	1.42056	0.0148727	1.80612	1.80612	0.110417	1.40961	1.40961	0.0901679	0.691741	-1.44563	6.13423	3.78363	0.548272	1
cg07547000	0.0225911	0.603	-1.65837	0.891698	1.02556	1.02556	0.00993171	0.547004	-1.82814	0.0382275	0.640861	-1.5604	5.27057	2.8647	0.483135	1
cg18118685	0.259747	1.30743	1.30743	?	?	?	0.400825	0.821941	-1.21663	0.0121846	2.03865	2.03865	4.80902	3.51992	0.731941	1
cg12424785	0.912245	0.979508	-1.02092	0.0279118	0.613911	-1.6289	0.531355	1.12646	1.12646	0.316064	1.21492	1.21492	4.21444	2.35435	0.496567	1
cg02593932	0.703624	1.07747	1.07747	0.0535219	0.651778	-1.53427	0.156813	0.744073	-1.34395	0.896917	1.02563	1.02563	3.74146	2.25803	0.536459	1
cg26983710	0.439645	1.45003	1.45003	0.113146	0.439928	-2.2731	0.992274	1.00456	1.00456	0.322329	0.616968	-1.62083	3.97634	13.6209	2.66426	1
cg24412079	0.0830811	0.693934	-1.44106	0.19602	1.29739	1.29739	0.373196	1.19014	1.19014	0.144351	1.34796	1.34796	3.40769	1.95686	0.510443	1
cg10033761	0.0236413	0.72489	-1.37952	1.79E-05	0.352102	-2.84009	0.0254472	0.728889	-1.37195	0.00214849	0.598571	-1.67064	13.8913	3.11943	0.199609	1
cg12079322	0.000994779	0.174778	-5.72154	?	?	?	0.866221	1.06198	1.06198	0.786805	1.10152	1.10152	6.10526	10.9342	1.79094	1
cg22996440	0.221902	1.18387	1.18387	2.02E-05	3.10624	3.10624	0.619495	1.06803	1.06803	0.439	0.901427	-1.10935	37.1801	10.1788	0.243351	1
cg26988215	0.859789	1.03343	1.03343	0.0093315	0.541569	-1.84649	0.0104776	0.549248	-1.82067	0.220505	0.786965	-1.2707	13.0755	7.16346	0.48698	1
cg18098004	0.19892	1.45694	1.45694	0.0430685	0.524491	-1.90661	0.336947	1.31582	1.31582	0.536305	1.18959	1.18959	8.26314	10.0585	1.08202	1
cg20304857	0.937845	1.02026	1.02026	0.00326684	0.356482	-2.80519	0.0625823	1.71443	1.71443	0.0466854	0.5566	-1.79662	7.05397	7.39284	0.931591	1
cg10035812	0.126404	1.21474	1.21474	0.463673	1.09172	1.09172	0.784377	1.03279	1.03279	0.0151461	0.703938	-1.42058	4.94443	1.08389	0.194857	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04050000	GALNT14	0.0254823	0.147975	0.891596	-1.12158	0.0154461	1.24568	1.24568	0.0773229	1.15625	1.15625	0.140426	0.889367	-1.1244	0.382142	1.06851	1.06851
cg17333242	GALNT14	0.0327728	0.0286884	0.347074	-2.88123	0.0322274	0.357563	-2.79671	0.431181	0.719324	-1.39019	0.0122004	0.277877	-3.59872	0.0145546	0.291114	-3.43508
cg05714219	GALNT14;GALNT14	0.00782997	0.393599	1.09769	1.09769	0.0994417	1.21241	1.21241	0.00421805	1.50478	1.50478	0.141139	1.18388	1.18388	0.0189025	1.35423	1.35423
cg08705382	GALNT2	0.000497367	0.000302405	0.302379	-3.30711	0.0930406	1.45681	1.45681	0.000799792	0.35673	-2.80324	0.00736354	0.49496	-2.02036	0.744	0.935453	-1.069
cg17737409	GALNT2	0.00055525	0.000641472	0.0768999	-13.0039	4.56E-05	0.0229714	-43.5323	0.0127683	0.219895	-4.54762	0.0116611	0.213676	-4.67999	0.0174375	0.242445	-4.12464
cg19727396	GALNT2	0.00116455	0.410696	0.872762	-1.14579	0.000461971	2.43875	2.43875	4.66E-05	3.46636	3.46636	0.394572	1.1515	1.1515	0.500799	0.895345	-1.11689
cg03144619	GALNT2	0.00189593	0.0228839	0.492041	-2.03235	0.650557	1.12614	1.12614	0.422038	1.23819	1.23819	0.679713	1.11421	1.11421	0.00027987	0.212692	-4.70162
cg04304509	GALNT2	0.00361739	0.00293559	0.326259	-3.06505	0.00149355	0.284953	-3.50935	0.00296911	0.326981	-3.05828	0.493983	0.826601	-1.20977	0.0125893	0.427133	-2.34119
cg11424376	GALNT2	0.011615	0.0188795	0.421155	-2.37442	0.894538	0.960472	-1.04115	0.00409102	0.309903	-3.22682	0.332378	0.737803	-1.35537	0.168851	0.640322	-1.56171
cg15064387	GALNT2	0.0134062	0.228007	1.30728	1.30728	0.0183266	0.545425	-1.83343	0.0201138	0.55227	-1.81071	0.907717	1.02486	1.02486	0.131997	1.41095	1.41095
cg08141553	GALNT2	0.0146219	0.0268099	0.421322	-2.37348	0.352008	1.37109	1.37109	0.0100673	0.342935	-2.916	0.910117	0.963471	-1.03791	0.00835667	0.329398	-3.03585
cg13769204	GALNT2	0.0165231	0.255634	1.15742	1.15742	0.000612571	1.91573	1.91573	0.112212	1.23744	1.23744	0.752717	1.0397	1.0397	0.16522	1.20004	1.20004
cg19647058	GALNT2	0.0173843	0.0249613	0.496313	-2.01486	0.920282	0.974056	-1.02663	0.113232	0.635963	-1.57242	0.000728499	0.259531	-3.8531	0.238872	1.38252	1.38252
cg00589617	GALNT2	0.0180351	0.734705	1.09311	1.09311	0.201884	0.702769	-1.42294	0.0281264	0.507254	-1.9714	0.874253	0.959392	-1.04233	0.00318424	0.348443	-2.86991
cg23677911	GALNT2	0.0183008	0.29457	1.21043	1.21043	0.780994	1.05018	1.05018	0.179611	1.28453	1.28453	0.907215	0.979726	-1.02069	0.00171937	0.455686	-2.19449
cg06801857	GALNT2	0.0236156	0.107964	0.581381	-1.72004	0.0179028	0.410736	-2.43466	0.00470683	0.313034	-3.19454	0.50253	1.23421	1.23421	0.0158583	0.401052	-2.49344
cg18122200	GALNT2	0.0237224	0.40273	0.688821	-1.45176	0.961421	0.979164	-1.02128	0.0489548	2.66091	2.66091	0.900761	1.05581	1.05581	0.0017575	0.143636	-6.96206
cg24400608	GALNT2	0.0318923	0.189391	0.803192	-1.24503	0.0954958	1.33471	1.33471	0.72619	1.05699	1.05699	0.12104	1.30348	1.30348	0.35569	0.860902	-1.16157
cg11753356	GALNT2	0.0331803	0.0986814	1.63065	1.63065	0.00633731	0.382973	-2.61115	0.0738282	0.583848	-1.71277	0.81864	1.06399	1.06399	0.109113	1.60291	1.60291
cg18343658	GALNT2	0.0332476	0.0975283	0.709054	-1.41033	0.0056714	0.503449	-1.9863	0.0383105	1.57452	1.57452	0.544042	1.12314	1.12314	0.10432	0.714777	-1.39904
cg16314254	GALNT2	0.037607	0.0130736	0.218253	-4.58184	0.01757	0.239631	-4.17308	0.292823	0.582983	-1.71531	0.134584	0.450376	-2.22037	0.137262	0.453208	-2.20649
cg13359998	GALNT2	0.0392834	0.00619156	0.222658	-4.49119	0.255306	0.606692	-1.64828	0.0517235	0.39391	-2.53865	0.0208566	0.310319	-3.22249	0.125331	0.497548	-2.00986
cg23230158	GALNT2	0.0412242	0.0256894	0.329195	-3.03772	0.0142554	0.281532	-3.55199	0.479199	0.739609	-1.35207	0.593805	0.797938	-1.25323	0.00407983	0.198645	-5.0341
cg11222630	GALNT2	0.04753	0.604756	0.900879	-1.11003	0.322924	0.815363	-1.22645	0.21926	0.772374	-1.29471	0.983968	1.00403	1.00403	0.924846	0.981314	-1.01904
cg11527913	GALNT2	0.0489793	0.441549	0.663631	-1.50686	0.314184	0.58051	-1.72262	0.0142502	0.206074	-4.85264	0.0971566	0.386271	-2.58886	0.00440969	0.137261	-7.28541
cg15343463	GALNT3	0.0345503	0.248083	0.725544	-1.37828	0.915972	1.02844	1.02844	0.00860999	0.410574	-2.43561	0.461064	1.22065	1.22065	0.0159262	0.456417	-2.19098
cg25799994	GALNT3;GALNT3	0.0442072	0.817542	0.858777	-1.16445	0.893314	0.915396	-1.09242	0.0958113	3.33729	3.33729	0.648745	0.739245	-1.35273	0.146753	2.78998	2.78998
cg23238458	GALNT4;WDR51B	0.00290674	0.440955	1.06618	1.06618	0.0284589	1.23476	1.23476	0.00435151	1.3644	1.3644	0.00202344	1.42628	1.42628	0.00101389	1.48827	1.48827
cg17128823	GALNT4;WDR51B	0.0147466	0.00110608	0.282854	-3.53539	0.15245	1.49566	1.49566	0.844562	1.05291	1.05291	0.525662	0.844586	-1.18401	0.00867219	0.415314	-2.40782
cg23728060	GALNT5	0.013987	0.525811	0.889071	-1.12477	0.00716829	0.529949	-1.88697	0.0170923	0.587619	-1.70178	0.78909	1.05026	1.05026	0.0162346	1.71202	1.71202
cg11803043	GALNT5	0.02669	0.834639	1.03834	1.03834	0.00440225	1.98218	1.98218	0.302842	0.825246	-1.21176	0.0138054	1.72925	1.72925	0.0673828	1.44607	1.44607
cg25057584	GALNT6	0.000356432	0.00141649	2.67117	2.67117	0.355065	1.22429	1.22429	0.855107	1.03965	1.03965	0.0173404	1.85222	1.85222	0.000368029	0.297234	-3.36435
cg06382895	GALNT7	0.00528921	0.299849	0.852348	-1.17323	0.977216	1.00426	1.00426	0.0135324	0.6348	-1.5753	0.22984	1.20604	1.20604	0.000185226	0.39106	-2.55715
cg11369235	GALNT7	0.00733862	0.544877	0.939734	-1.06413	0.0731532	0.816514	-1.22472	0.92897	1.00908	1.00908	0.00583948	0.693426	-1.44211	0.788165	1.02769	1.02769
cg03399598	GALNT7	0.0377607	0.243376	0.852502	-1.17302	0.726646	0.955154	-1.04695	0.247551	1.17122	1.17122	0.130627	1.23789	1.23789	0.40809	1.11697	1.11697
cg14976741	GALNT8	0.00105451	0.00785218	2.89938	2.89938	0.00138104	4.25206	4.25206	0.0201805	2.39718	2.39718	0.117612	1.69953	1.69953	0.00685298	0.335292	-2.98248
cg22294288	GALNT8	0.00115009	0.00168745	0.533737	-1.87358	0.00141386	0.523926	-1.90867	0.0525777	0.73468	-1.36114	0.837314	0.971646	-1.02918	0.0023318	0.551755	-1.8124
cg02968094	GALNT8	0.0028782	0.145132	1.3235	1.3235	0.000437451	2.7058	2.7058	0.144317	1.32436	1.32436	0.108034	1.36904	1.36904	0.0162717	0.590756	-1.69275
cg21859594	GALNT8	0.00497219	0.0184683	3.1717	3.1717	0.0743342	2.23249	2.23249	0.626562	1.21903	1.21903	0.11288	2.0077	2.0077	0.000615662	0.118861	-8.41322
cg23264682	GALNT8	0.0129361	0.159196	0.445143	-2.24647	0.891794	1.07597	1.07597	0.0850268	0.358999	-2.78553	0.659362	0.787706	-1.26951	0.00952998	0.170942	-5.84994
cg08308477	GALNT9	5.84E-06	2.37E-06	0.120754	-8.28128	0.393539	1.17468	1.17468	0.0320167	0.62954	-1.58846	0.0796111	0.698805	-1.43101	2.86E-06	0.127055	-7.87063
cg04907218	GALNT9	2.21E-05	0.000604758	0.450018	-2.22213	0.0128738	1.59417	1.59417	0.00108803	0.482896	-2.07084	0.458578	1.12072	1.12072	0.000262481	0.404193	-2.47407
cg03952361	GALNT9	6.14E-05	1.97E-05	0.310172	-3.22402	0.00207856	0.556169	-1.79801	0.000204571	0.430679	-2.32192	0.339325	0.875193	-1.14261	0.000147137	0.413222	-2.42001
cg04875544	GALNT9	7.61E-05	0.0255219	0.737147	-1.35658	0.00236904	1.62762	1.62762	0.0293382	1.34306	1.34306	0.00154305	0.592513	-1.68773	0.00159112	0.594079	-1.68328
cg03961332	GALNT9	0.000119045	0.00208609	0.20422	-4.89669	0.0750425	0.483325	-2.069	0.00114195	0.17303	-5.77933	0.0310477	0.395197	-2.53038	3.57E-05	0.0537101	-18.6185
cg14058027	GALNT9	0.000128618	0.386965	0.771999	-1.29534	0.000268301	0.174679	-5.72479	0.00109181	0.245143	-4.07925	0.0420611	0.504833	-1.98085	0.509184	0.822505	-1.2158
cg00461060	GALNT9	0.000135084	0.0103798	0.453293	-2.20608	0.000318526	4.17337	4.17337	0.597562	1.1395	1.1395	0.501398	1.18206	1.18206	0.0155684	0.483289	-2.06916
cg26076948	GALNT9	0.000146769	0.0066735	0.509045	-1.96446	0.468872	0.868157	-1.15187	0.00331121	0.464195	-2.15427	0.0104478	1.85605	1.85605	0.491159	0.874451	-1.14357
cg07782603	GALNT9	0.000235446	0.0269771	0.660561	-1.51386	0.000894707	2.19763	2.19763	0.000343303	0.401524	-2.49051	0.38536	0.868579	-1.15131	0.0908919	0.744632	-1.34294
cg17034342	GALNT9	0.000287916	0.000720127	0.417474	-2.39536	0.653431	0.92615	-1.07974	0.0528763	0.688322	-1.45281	0.62543	1.0871	1.0871	0.00156819	0.462514	-2.16209
cg21790587	GALNT9	0.000342434	0.823899	1.05499	1.05499	0.114065	0.66175	-1.51114	0.000125202	0.200889	-4.97788	0.791813	1.0656	1.0656	2.65E-05	0.136043	-7.35063
cg12105679	GALNT9	0.000395332	0.724254	0.943711	-1.05965	0.0560306	0.701866	-1.42477	0.000696253	0.429056	-2.3307	0.363089	1.1652	1.1652	5.88E-05	0.296171	-3.37642
cg01421019	GALNT9	0.000611369	0.0603917	0.724914	-1.37947	0.0390355	0.695672	-1.43746	0.000133169	0.365622	-2.73506	0.818855	0.965753	-1.03546	0.149752	0.790884	-1.26439
cg27467358	GALNT9	0.000649663	0.00952804	0.374086	-2.67318	0.0476151	0.507461	-1.9706	0.343494	0.746617	-1.33938	0.555739	1.19535	1.19535	0.0262118	0.453997	-2.20266
cg08503613	GALNT9	0.000795691	0.0405433	1.55438	1.55438	0.0038814	2.06523	2.06523	0.222596	0.787404	-1.27	0.0160775	0.577319	-1.73214	0.000172081	0.304165	-3.28768
cg03143347	GALNT9	0.000902848	0.00423903	0.569497	-1.75594	0.0769359	1.33547	1.33547	0.0109961	0.625492	-1.59874	0.879486	0.977932	-1.02257	0.000396369	0.43625	-2.29226
cg04931387	GALNT9	0.000983487	0.0574809	1.4487	1.4487	0.0837388	0.718782	-1.39124	0.000174129	0.333132	-3.00181	0.411837	0.865222	-1.15577	0.00468971	0.522866	-1.91253
cg15447912	GALNT9	0.00100271	0.000293671	0.307204	-3.25516	0.00365585	2.1954	2.1954	0.677015	0.919614	-1.08741	0.150067	1.36161	1.36161	0.00276483	0.437873	-2.28377
cg16776885	GALNT9	0.00123672	0.89933	1.03236	1.03236	0.0113336	2.22067	2.22067	4.96E-05	0.147114	-6.79746	0.596307	1.14398	1.14398	0.152659	0.680153	-1.47026
cg03800253	GALNT9	0.00139555	0.0143472	0.306513	-3.2625	0.00839517	0.267423	-3.73939	0.00623989	0.247507	-4.04029	0.0146272	0.308003	-3.24672	0.000340773	0.104325	-9.58545
cg20923696	GALNT9	0.00219912	0.403008	0.745414	-1.34154	0.00615397	3.41096	3.41096	0.0121739	2.9232	2.9232	0.660848	1.16367	1.16367	0.000734723	0.17183	-5.81969
cg23777173	GALNT9	0.00220659	0.273521	1.4925	1.4925	0.0441861	2.25338	2.25338	0.371841	1.38019	1.38019	0.02828	2.48451	2.48451	0.00322379	0.243557	-4.10582
cg24969187	GALNT9	0.00230165	0.0691218	0.571707	-1.74915	0.0772865	1.71597	1.71597	0.963903	1.01252	1.01252	0.783617	0.927113	-1.07862	0.0824647	0.589297	-1.69694
cg12011876	GALNT9	0.00248741	0.971767	1.01135	1.01135	0.00126637	4.48342	4.48342	0.124165	0.587997	-1.70069	0.130009	0.593545	-1.68479	0.346699	0.73413	-1.36216
cg05229598	GALNT9	0.00274444	0.705476	1.14513	1.14513	0.055857	2.16669	2.16669	0.369107	0.71947	-1.38991	0.769553	1.11055	1.11055	0.000378037	0.131653	-7.59574
cg09132473	GALNT9	0.00281755	0.0650977	1.80763	1.80763	0.809051	1.07165	1.07165	0.00605693	2.78611	2.78611	0.585327	0.854284	-1.17057	0.000899645	0.241618	-4.13876
cg10650764	GALNT9	0.00283665	0.0924168	0.714574	-1.39943	0.0810168	1.42056	1.42056	0.0820912	0.705001	-1.41844	0.54652	1.11709	1.11709	0.650063	0.920463	-1.08641
cg01512296	GALNT9	0.0029103	0.398396	1.16255	1.16255	0.186877	1.27598	1.27598	0.116233	0.742777	-1.3463	0.266245	1.22359	1.22359	0.0263871	0.632127	-1.58196
cg12714421	GALNT9	0.00304201	0.918914	1.02585	1.02585	0.00151491	3.14311	3.14311	0.677134	1.11067	1.11067	0.0649213	1.68136	1.68136	0.128191	0.662164	-1.5102
cg23158189	GALNT9	0.00313323	0.0875039	0.23207	-4.30905	0.196705	0.347505	-2.87765	0.0149174	0.098444	-10.1581	0.0554059	0.186114	-5.37306	0.00101834	0.0229881	-43.5007
cg03764818	GALNT9	0.0031339	0.0243783	0.585941	-1.70666	0.00107744	2.61707	2.61707	0.0179341	0.563754	-1.77382	0.0256185	1.6961	1.6961	0.24272	1.27583	1.27583
cg12075445	GALNT9	0.00343052	0.0900103	0.458535	-2.18086	0.509353	1.31745	1.31745	0.361618	1.47261	1.47261	0.000165576	0.0557332	-17.9426	0.104198	2.09649	2.09649
cg07256493	GALNT9	0.00354977	0.47015	0.815709	-1.22593	0.0794572	1.71551	1.71551	0.440405	0.804022	-1.24375	0.155021	1.52487	1.52487	0.223608	0.70154	-1.42544
cg14695497	GALNT9	0.00368048	0.0898541	0.404254	-2.47369	0.0205516	3.86363	3.86363	0.0322586	3.36921	3.36921	0.825054	1.11321	1.11321	0.00122846	0.101267	-9.87486
cg07132441	GALNT9	0.00433031	0.398724	1.25404	1.25404	0.00456084	0.371677	-2.69051	0.00195137	0.317375	-3.15084	0.341265	1.29296	1.29296	0.00138167	0.296672	-3.37072
cg16640517	GALNT9	0.00452445	0.628882	0.920448	-1.08643	0.741965	1.05785	1.05785	0.200911	1.25851	1.25851	0.0407586	0.668954	-1.49487	0.805168	1.04296	1.04296
cg26089056	GALNT9	0.00456558	0.015331	0.761829	-1.31263	0.00707582	1.37453	1.37453	0.189456	0.880694	-1.13547	0.526368	0.943012	-1.06043	0.00118882	0.647666	-1.544
cg14386126	GALNT9	0.00474604	0.8782	0.94914	-1.05359	0.0024753	4.18743	4.18743	0.700012	1.14086	1.14086	0.974669	0.989251	-1.01087	0.272075	0.677647	-1.47569
cg13105730	GALNT9	0.00557362	0.0286744	0.762902	-1.31078	0.00306571	0.653681	-1.5298	0.0479096	0.788887	-1.26761	0.89174	1.01438	1.01438	0.444311	1.0852	1.0852
cg26939168	GALNT9	0.00564609	0.638741	0.880109	-1.13622	0.000743398	3.98684	3.98684	0.846155	1.05387	1.05387	0.958889	0.986174	-1.01402	0.462877	0.817237	-1.22363
cg16563691	GALNT9	0.00608192	0.029453	0.347412	-2.87843	0.0215885	0.320595	-3.1192	0.0304744	0.350474	-2.85328	0.104845	0.481537	-2.07668	0.0220535	0.322375	-3.10198
cg15358984	GALNT9	0.00636903	0.055457	0.438842	-2.27872	0.00379695	0.227321	-4.39907	0.00545749	0.249878	-4.00196	0.069899	0.463481	-2.15759	0.00422752	0.233839	-4.27644
cg07163745	GALNT9	0.00652608	0.0253386	0.635806	-1.57281	0.000711785	0.415517	-2.40664	0.12706	0.754948	-1.32459	0.115458	0.747131	-1.33845	0.0546282	0.689785	-1.44973
cg10052597	GALNT9	0.00662507	0.510177	0.726498	-1.37647	0.377041	1.54275	1.54275	0.470949	1.42018	1.42018	0.166055	0.493396	-2.02677	0.00517515	0.171099	-5.84457
cg05483731	GALNT9	0.00670588	0.06272	0.253595	-3.94329	0.00285082	0.0678714	-14.7337	0.0227317	0.167576	-5.96744	0.0489857	0.229326	-4.36061	0.0071514	0.102747	-9.73264
cg07174541	GALNT9	0.00682798	0.00571557	1.79797	1.79797	0.00211209	2.0133	2.0133	0.0914038	1.35114	1.35114	0.479079	1.12355	1.12355	0.014082	0.612232	-1.63337
cg18674828	GALNT9	0.00699138	0.00281411	0.270764	-3.69325	0.254963	0.685696	-1.45837	0.00312614	0.277258	-3.60675	0.00668095	0.327237	-3.05589	0.00483841	0.305324	-3.27521
cg19834585	GALNT9	0.00794623	0.0581375	0.531119	-1.88282	0.567296	0.842943	-1.18632	0.00862586	0.371712	-2.69025	0.879768	0.956258	-1.04574	0.00650312	0.351657	-2.84368
cg23914694	GALNT9	0.00824473	0.557599	0.879107	-1.13752	0.125987	0.697887	-1.4329	0.000986693	0.345124	-2.89751	0.322033	0.800706	-1.2489	0.215491	0.753342	-1.32742
cg11807539	GALNT9	0.00838963	0.0476851	0.40035	-2.49781	0.284255	0.637833	-1.56781	0.0325586	0.363739	-2.74922	0.070909	0.44233	-2.26075	0.0820716	0.458965	-2.17881
cg00136077	GALNT9	0.00847999	0.0551391	0.715326	-1.39796	0.187264	1.2403	1.2403	0.00734072	0.587144	-1.70316	0.30259	0.848282	-1.17885	0.00561676	0.571116	-1.75096
cg08220028	GALNT9	0.00871992	0.0189738	0.592681	-1.68725	0.0741183	0.693164	-1.44266	0.000368855	0.349952	-2.85753	0.533622	0.89039	-1.1231	0.0980007	0.715882	-1.39688
cg17811894	GALNT9	0.00903156	0.118135	0.661129	-1.51256	0.17348	0.70243	-1.42363	0.657248	0.896807	-1.11507	0.0287822	1.87557	1.87557	0.339725	1.27123	1.27123
cg11566267	GALNT9	0.0110184	0.00448903	0.23743	-4.21177	0.183026	0.584942	-1.70957	0.0172674	0.332591	-3.00669	0.705677	1.15489	1.15489	0.0901646	0.492234	-2.03155
cg11334728	GALNT9	0.011651	0.0155908	0.393597	-2.54067	0.40882	0.76673	-1.30424	0.0156498	0.393895	-2.53875	0.106072	0.574083	-1.74191	0.0111516	0.367791	-2.71894
cg01917048	GALNT9	0.0121215	0.00802993	0.603368	-1.65736	0.290171	1.17739	1.17739	0.0013985	0.502306	-1.99082	0.233428	0.830404	-1.20423	0.47873	1.11307	1.11307
cg06893288	GALNT9	0.012399	0.577537	1.27135	1.27135	0.000589715	9.63021	9.63021	0.199416	1.78334	1.78334	0.464173	1.37422	1.37422	0.229885	1.71174	1.71174
cg04774461	GALNT9	0.0125455	0.0655484	0.783481	-1.27636	0.0287735	1.3559	1.3559	0.00139124	0.578719	-1.72795	0.591481	1.06605	1.06605	0.726586	0.959401	-1.04232
cg09254264	GALNT9	0.0130675	0.000778598	0.329308	-3.03667	0.997046	0.999191	-1.00081	0.0539368	0.619975	-1.61297	0.42632	1.19421	1.19421	0.0130427	0.510194	-1.96004
cg14384748	GALNT9	0.0140504	0.246219	1.35089	1.35089	0.00290166	2.76016	2.76016	0.577428	0.869712	-1.14981	0.0665133	1.66586	1.66586	0.0268211	1.9165	1.9165
cg00601042	GALNT9	0.0142555	0.573583	1.48359	1.48359	0.00772782	10.7362	10.7362	0.197742	2.57128	2.57128	0.891832	1.09898	1.09898	0.252162	2.29283	2.29283
cg12612687	GALNT9	0.0143011	0.0159485	0.277668	-3.60142	0.06348	0.404117	-2.47453	0.0102228	0.245165	-4.07889	0.505574	0.745795	-1.34085	0.0146602	0.271254	-3.68658
cg00377301	GALNT9	0.0161917	0.879679	1.02853	1.02853	0.139202	0.74414	-1.34383	0.122213	0.732691	-1.36483	0.911751	1.0208	1.0208	0.0880091	1.41849	1.41849
cg06369056	GALNT9	0.0162857	0.360943	0.606564	-1.64863	0.27201	0.54407	-1.838	0.582702	0.744238	-1.34366	0.061142	0.325213	-3.07491	0.000281659	0.0424179	-23.5749
cg04606861	GALNT9	0.0175462	0.704282	1.09069	1.09069	0.0148911	0.50571	-1.97742	0.927112	0.979386	-1.02105	0.354098	1.2424	1.2424	0.479234	0.848955	-1.17792
cg16319947	GALNT9	0.0189181	0.976579	0.985207	-1.01502	0.579501	0.752655	-1.32863	0.0749665	0.365402	-2.73671	0.984786	0.990367	-1.00973	0.0573423	0.335724	-2.97864
cg12248652	GALNT9	0.0194073	0.0546956	0.306358	-3.26415	0.633861	0.770689	-1.29754	0.0801917	2.86804	2.86804	0.782852	0.860734	-1.1618	0.0224179	0.226538	-4.41426
cg12161887	GALNT9	0.0207957	0.0107179	0.0849742	-11.7683	0.0462113	5.78835	5.78835	0.758162	1.26797	1.26797	0.176818	0.331643	-3.01529	0.0289914	0.138219	-7.23487
cg23381494	GALNT9	0.0215745	0.0562179	0.345767	-2.89212	0.223049	0.533219	-1.8754	0.0643404	0.360313	-2.77536	0.389233	0.648321	-1.54245	0.0257353	0.272287	-3.67259
cg02410480	GALNT9	0.0231338	0.0965107	0.327882	-3.04988	0.460678	1.58247	1.58247	0.791787	1.17549	1.17549	0.553972	1.44173	1.44173	0.010371	0.139055	-7.19139
cg08351464	GALNT9	0.0241118	0.757444	0.863594	-1.15795	0.0123132	4.37366	4.37366	0.19621	1.90973	1.90973	0.448177	1.44185	1.44185	0.537773	0.744265	-1.34361
cg03135964	GALNT9	0.0260627	0.0425564	0.42375	-2.35988	0.0377368	0.41227	-2.4256	0.00679224	0.275343	-3.63184	0.148774	0.565871	-1.76719	0.00785263	0.285292	-3.50518
cg08146733	GALNT9	0.0275918	0.037414	2.68987	2.68987	0.00316925	5.21496	5.21496	0.0253269	2.9721	2.9721	0.363144	1.46654	1.46654	0.274891	1.59268	1.59268
cg03108894	GALNT9	0.0315714	0.0361389	0.281606	-3.55106	0.0147102	0.209809	-4.76625	0.0264146	0.254368	-3.93132	0.335994	1.6752	1.6752	0.4906	0.694787	-1.43929
cg21723689	GALNT9	0.0317212	0.0295051	0.102777	-9.72983	0.055561	0.145757	-6.86074	0.0586378	0.150155	-6.65979	0.0866368	0.186385	-5.36525	0.020812	0.0846161	-11.8181
cg20536786	GALNT9	0.0320986	0.509592	0.859076	-1.16404	0.255657	1.30924	1.30924	0.0403949	0.584158	-1.71186	0.893023	1.03102	1.03102	0.115992	0.678478	-1.47389
cg13596713	GALNT9	0.0328763	0.0306663	0.240165	-4.1638	0.690797	1.25184	1.25184	0.470099	0.66178	-1.51108	0.199826	0.467244	-2.14021	0.00169889	0.080589	-12.4086
cg01705989	GALNT9	0.0331312	0.357829	1.40077	1.40077	0.0522937	2.19609	2.19609	0.900211	1.04573	1.04573	0.31047	1.45359	1.45359	0.772534	1.10883	1.10883
cg01635736	GALNT9	0.0374051	0.748595	0.850493	-1.17579	0.00719275	5.7389	5.7389	0.655802	1.25348	1.25348	0.908814	0.943932	-1.0594	0.249372	0.545364	-1.83364
cg17479830	GALNT9	0.0378188	0.0413435	2.86462	2.86462	0.124688	2.10315	2.10315	0.321574	1.58092	1.58092	0.0821002	2.36678	2.36678	0.94769	0.971081	-1.02978
cg25670567	GALNT9	0.03818	0.793357	0.832537	-1.20115	0.328983	2.02052	2.02052	0.0817029	0.260041	-3.84555	0.714675	1.29218	1.29218	0.0545955	0.218221	-4.58251
cg08899593	GALNT9	0.0382673	0.0323646	0.340926	-2.93319	0.303829	1.57997	1.57997	0.0192327	0.296301	-3.37494	0.291374	1.60037	1.60037	0.158743	0.523619	-1.90979
cg05948955	GALNT9	0.0408107	0.0284475	0.249481	-4.00833	0.0230051	4.30529	4.30529	0.572452	0.736224	-1.35828	0.189063	0.47379	-2.11064	0.0383972	0.275817	-3.6256
cg01074305	GALNT9	0.0437063	0.642519	1.18128	1.18128	0.0219402	2.66365	2.66365	0.0894214	1.94921	1.94921	0.39009	0.730614	-1.36871	0.00956255	0.310533	-3.22027
cg22618556	GALNT9	0.0442913	0.527552	0.698097	-1.43247	0.209642	2.10101	2.10101	0.579354	1.36943	1.36943	0.0961602	0.358491	-2.78947	0.00614905	0.134393	-7.44084
cg23266633	GALNT9	0.0444365	0.0585057	0.301291	-3.31905	0.425624	0.633423	-1.57872	0.89069	0.925727	-1.08023	0.87335	1.09367	1.09367	0.333188	0.571065	-1.75111
cg09412850	GALNT9	0.046904	0.923548	0.977866	-1.02264	0.883039	1.03492	1.03492	0.486884	1.17907	1.17907	0.0271435	0.543424	-1.84018	0.551473	1.15085	1.15085
cg18557188	GALNT9	0.0491059	0.48162	0.721471	-1.38606	0.00530837	5.3486	5.3486	0.739634	0.858792	-1.16443	0.816178	1.11214	1.11214	0.0980322	0.436767	-2.28955
cg19483465	GALNT9	0.0494997	0.759019	1.31547	1.31547	0.0287245	9.96448	9.96448	0.713051	1.3898	1.3898	0.877913	1.14681	1.14681	0.0275903	0.0981288	-10.1907
cg10112440	GALNT9;GALNT9	0.000524638	0.650972	1.07217	1.07217	0.00138876	0.492146	-2.03192	0.0126258	0.622246	-1.60708	0.11671	1.29793	1.29793	3.33E-05	0.29174	-3.42772
cg19736098	GALNT9;GALNT9	0.00108454	0.0140598	2.40918	2.40918	0.635558	0.870695	-1.14851	0.381243	0.770686	-1.29755	0.96632	1.01232	1.01232	0.188945	0.667873	-1.49729
cg17083475	GALNT9;GALNT9	0.00330377	0.025307	0.5362	-1.86498	0.00884732	0.457935	-2.18372	0.0494469	0.591286	-1.69123	0.0671867	1.61736	1.61736	0.0495779	0.591514	-1.69058
cg24630778	GALNT9;GALNT9	0.00366798	0.117351	2.02614	2.02614	0.217538	1.71354	1.71354	0.957379	0.978058	-1.02243	0.118639	2.0203	2.0203	0.000529546	0.106404	-9.39811
cg24121765	GALNT9;GALNT9	0.00891451	0.0466555	0.427614	-2.33856	0.00314057	0.221865	-4.50726	0.349745	0.698406	-1.43183	0.184523	0.591627	-1.69025	0.00870166	0.287421	-3.47921
cg26461965	GALNT9;GALNT9	0.0129149	0.393441	1.20088	1.20088	0.0269812	0.57785	-1.73055	0.236407	1.29666	1.29666	0.00826303	0.493001	-2.02839	0.00542063	0.464714	-2.15186
[illegible]	GALNT9;GALNT9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	GALNT9;GALNT9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	GALNT9;GALNT9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	GALNT9;GALNT9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	GALNT9;LOC100130238	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04050000	0.219239	1.10023	1.10023	0.00639166	0.769255	-1.29996	0.74724	0.976378	-1.02419	0.689061	0.970702	-1.03018	4.32834	0.374673	0.0769445	1
cg17333242	0.321517	0.657072	-1.5219	0.0495172	0.398936	-2.50667	0.00904517	0.256534	-3.89811	0.0591679	0.417445	-2.39553	3.95987	10.5449	2.36706	1
cg05714219	0.333699	0.899114	-1.11221	0.0129393	0.719614	-1.38963	0.0220982	0.746239	-1.34005	0.102212	1.21017	1.21017	6.38715	1.15073	0.160145	1
cg08705382	0.977306	1.00581	1.00581	0.000373065	0.313791	-3.18683	0.103024	1.43788	1.43788	0.00102282	0.371069	-2.69491	14.3115	9.39787	0.583704	1
cg17737409	0.0151819	0.23219	-4.30682	0.000222724	0.0493399	-20.2676	0.00454164	0.1571	-6.36539	0.0068819	0.180319	-5.54574	13.8804	52.6934	3.37444	1
cg19727396	0.17599	1.26207	1.26207	0.00983543	1.69531	1.69531	0.144695	1.28843	1.28843	0.22008	1.23194	1.23194	11.2678	4.67027	0.368428	1
cg03144619	0.00573229	0.389275	-2.56888	0.000470341	0.238921	-4.18549	0.367595	1.27264	1.27264	0.246062	0.729046	-1.37166	9.79302	10.5251	0.955338	1
cg04304509	0.0055283	0.367996	-2.71742	0.00859702	0.398993	-2.50631	0.535727	1.1876	1.1876	0.0112963	0.419003	-2.38662	8.09344	9.63494	1.05819	1
cg11424376	0.526566	0.822741	-1.21545	0.00142068	0.245641	-4.07098	0.0668453	1.8678	1.8678	0.425041	0.780583	-1.28109	5.6327	8.24876	1.30173	1
cg15064387	0.061652	1.56163	1.56163	0.0257155	1.7524	1.7524	0.0484935	1.61174	1.61174	0.0279661	1.73301	1.73301	5.37578	3.81778	0.631273	1
cg08141553	0.339972	0.723204	-1.38274	0.00285644	0.258561	-3.86756	0.548055	1.22176	1.22176	0.0660884	0.506937	-1.97263	5.22457	8.98484	1.52865	1
cg13769204	0.233043	0.857235	-1.16654	0.45567	0.910647	-1.09812	0.216419	0.851937	-1.1738	0.247055	0.86148	-1.16079	5.01694	1.20584	0.213647	1
cg19647058	0.598701	0.869836	-1.14964	?	?	?	0.333053	0.769359	-1.29978	0.741572	1.09079	1.09079	5.02405	4.87696	0.970724	1
cg00589617	0.990021	0.996732	-1.00328	0.0627199	1.73009	1.73009	0.385947	1.26193	1.26193	0.00991287	0.426239	-2.3461	4.87193	5.28657	0.96454	1
cg23677911	0.225028	1.2509	1.2509	0.00779272	1.82238	1.82238	0.574134	0.905063	-1.1049	0.691901	0.93242	-1.07248	4.84801	2.3696	0.434469	1
cg06801857	0.441316	0.784431	-1.27481	0.51616	0.81581	-1.22578	0.0796431	1.82492	1.82492	0.958839	1.01609	1.01609	4.44416	6.73037	1.34616	1
cg18122200	?	?	?	0.0769879	2.35383	2.35383	0.385633	1.47282	1.47282	0.646092	1.22296	1.22296	4.51542	12.0462	2.66779	1
cg24400608	0.923077	1.01534	1.01534	0.00141172	0.482592	-2.07214	0.838366	1.03272	1.03272	0.666429	1.07076	1.07076	3.9987	1.57394	0.349878	1
cg11753356	0.295339	1.34053	1.34053	0.0542674	1.8037	1.8037	0.24288	1.391	1.391	0.797373	1.07195	1.07195	3.94232	4.55333	1.02665	1
cg18343658	0.0607411	0.670448	-1.49154	0.380614	0.843604	-1.18539	0.687906	0.926479	-1.07936	0.076476	0.688894	-1.4516	3.93946	2.23127	0.503459	1
cg16314254	0.146856	0.46309	-2.15941	0.00383467	0.14557	-6.86953	0.0496221	0.330403	-3.0266	0.0726513	0.371498	-2.69181	3.76743	14.5872	3.44171	1
cg13359998	0.956801	0.977464	-1.02306	0.0328187	0.349724	-2.8594	0.789446	0.893492	-1.1192	0.0156155	0.287242	-3.48139	3.70771	10.3974	2.49268	1
cg23230158	0.581987	1.26254	1.26254	0.359655	0.673737	-1.48426	0.604155	0.803076	-1.24521	0.0447472	0.380568	-2.62765	3.64239	10.1428	2.47525	1
cg11222630	0.152052	1.35902	1.35902	0.00218004	2.36206	2.36206	0.790409	0.948139	-1.0547	0.145417	0.731582	-1.3669	3.45378	2.18629	0.562678	1
cg11527913	0.0926804	0.380324	-2.62934	0.0221122	0.238417	-4.19432	0.779095	0.863357	-1.15827	0.195463	0.489003	-2.04498	3.41477	14.7644	3.84328	1
cg15343463	0.329081	0.765186	-1.30687	0.0127625	0.43952	-2.27521	0.313183	1.3194	1.3194	0.0976618	0.617018	-1.6207	3.88526	4.34424	0.993897	1
cg25799994	0.568099	1.46246	1.46246	0.0309617	5.30585	5.30585	0.0029664	14.6812	14.6812	0.038069	4.87454	4.87454	3.54904	24.3958	6.11014	1
cg23238458	0.383429	0.929703	-1.07561	0.119297	0.871218	-1.14782	0.00323732	1.38754	1.38754	0.180477	1.12298	1.12298	8.63871	0.909981	0.0936334	1
cg17128823	0.213835	0.709085	-1.41027	0.0803953	0.600863	-1.66427	0.392435	0.794441	-1.25875	0.213474	1.41069	1.41069	5.20994	5.69226	0.97118	1
cg23728060	0.127454	1.35182	1.35182	0.0248079	1.63012	1.63012	0.575158	1.10912	1.10912	0.469475	0.874069	-1.14407	5.30151	2.80877	0.470938	1
cg11803043	0.0782887	1.42192	1.42192	0.657157	1.08371	1.08371	0.357124	1.18582	1.18582	0.0922868	0.716448	-1.39577	4.25887	2.18445	0.455926	1
cg25057584	0.000848351	2.90614	2.90614	0.00153263	2.63768	2.63768	0.000571412	3.11001	3.11001	0.0984349	1.47034	1.47034	15.6905	11.2436	0.636967	1
cg06382895	0.0939057	0.760415	-1.31507	0.143605	0.791626	-1.26322	0.519723	1.1019	1.1019	0.0147125	0.639883	-1.56279	7.21349	2.52598	0.311267	1
cg11369235	0.000697575	0.591789	-1.68979	0.00331611	0.666533	-1.5003	0.0184178	0.748218	-1.33651	0.232618	0.880762	-1.13538	6.51824	1.06223	0.144855	1
cg03399598	0.217246	1.18496	1.18496	0.0244477	0.704356	-1.41974	0.258708	1.16655	1.16655	0.00514455	1.62104	1.62104	3.76182	1.01821	0.240596	1
cg14976741	0.0319707	2.19074	2.19074	0.00261507	3.67165	3.67165	0.000268769	6.45888	6.45888	0.0882672	1.79849	1.79849	11.5906	17.8763	1.37094	1
cg22294288	0.000134963	0.39659	-2.52149	0.82808	0.970032	-1.03089	0.418401	0.89076	-1.12264	0.00157799	0.530014	-1.88674	11.308	3.50525	0.275539	1
cg02968094	0.330192	1.19722	1.19722	0.000561522	2.60678	2.60678	0.285511	1.21983	1.21983	0.983722	0.996352	-1.00366	8.66401	4.40336	0.451765	1
cg21859594	0.294729	1.55104	1.55104	0.0271369	2.87601	2.87601	0.017915	3.19651	3.19651	0.217391	1.68904	1.68904	7.3511	18.9933	2.29665	1
cg23264682	0.0901586	0.366171	-2.73097	0.0900592	0.366034	-2.73198	0.00159422	0.0874207	-11.4389	0.00228592	0.100832	-9.91748	5.43889	24.9279	4.07401	1
cg08308477	0.105168	0.721705	-1.38561	9.95E-07	0.0936279	-10.6806	0.000591157	0.376268	-2.65768	0.000110362	0.285521	-3.50237	46.6353	25.0624	0.4777	1
cg04907218	0.0123513	0.624758	-1.60062	5.63E-07	0.123616	-8.08959	0.00575318	0.578952	-1.72726	0.00586544	0.580095	-1.72386	32.9805	11.9107	0.321017	1
cg03952361	0.0154515	0.668847	-1.49511	3.61E-05	0.340402	-2.9377	0.189825	1.2068	1.2068	0.000130564	0.406922	-2.45748	25.217	7.31797	0.257955	1
cg04875544	0.0510745	0.77467	-1.29087	4.32E-06	0.295607	-3.38287	0.0730792	1.25824	1.25824	0.053795	0.777544	-1.2861	23.811	4.97969	0.185897	1
cg03961332	0.000104676	0.0809061	-12.36	1.97E-05	0.0419181	-23.8561	0.774114	0.899844	-1.1113	0.00138931	0.182794	-5.47063	21.1303	45.0124	1.89354	1
cg14058027	0.44388	0.796299	-1.25581	2.11E-06	0.0333521	-29.9831	0.607535	0.859704	-1.16319	0.0855452	0.574313	-1.74121	20.696	27.9099	1.19873	1
cg00461060	0.218728	0.728268	-1.37312	1.03E-05	0.0989043	-10.1108	0.356097	0.792413	-1.26197	0.00105502	0.30498	-3.27891	20.4249	19.4365	0.845875	1
cg26076948	0.984532	1.00373	1.00373	2.53E-06	0.112657	-8.87648	0.622338	0.909149	-1.09993	0.0946316	0.70296	-1.42256	19.9738	11.6436	0.518171	1
cg07782603	0.63656	0.927415	-1.07827	4.56E-05	0.295143	-3.38819	0.00751971	1.72391	1.72391	0.297258	0.842753	-1.18659	17.5747	6.97662	0.352862	1
cg17034342	0.111652	0.745202	-1.34192	9.81E-06	0.19916	-5.02108	0.305028	1.19757	1.19757	0.00234504	0.486357	-2.0561	16.6362	7.59185	0.40564	1
cg21790587	0.661823	1.1115	1.1115	0.000388278	0.256945	-3.89188	0.481648	0.842165	-1.18742	0.116196	0.663624	-1.50688	15.8642	14.4937	0.8121	1
cg12105679	0.000529119	0.413598	-2.41781	0.0142503	1.63962	1.63962	0.0156481	0.615897	-1.62365	0.0124007	0.60104	-1.66378	15.2495	6.46149	0.376639	1
cg01421019	0.898088	0.980723	-1.01966	0.00183189	1.95909	1.95909	0.0398301	1.43473	1.43473	0.000568632	0.444458	-2.24993	13.5129	4.9385	0.324858	1
cg27467358	0.972426	0.989704	-1.0104	1.14E-05	0.0615248	-16.2536	0.931222	1.02618	1.02618	0.002811	0.291552	-3.42992	13.2856	18.8656	1.26223	1
cg08503613	0.0749477	1.44751	1.44751	0.00230535	0.45195	-2.21264	0.22671	1.26705	1.26705	0.122594	0.731985	-1.36615	12.5512	6.91275	0.48957	1
cg03143347	0.23826	1.19923	1.19923	0.000522515	0.451409	-2.21528	0.982299	0.996742	-1.00327	0.00118288	0.496818	-2.01281	12.1119	4.14938	0.304522	1
cg04931387	0.29167	0.827981	-1.20776	0.000114884	0.31123	-3.21306	0.840014	0.965728	-1.03549	0.224099	0.802249	-1.2465	11.8222	5.57313	0.419033	1
cg15447912	0.00504772	2.09975	2.09975	0.130733	0.721467	-1.38606	0.0997667	1.43456	1.43456	0.950687	1.01245	1.01245	11.7575	7.45237	0.563412	1
cg16776885	0.00319998	0.363275	-2.75273	0.181066	0.699563	-1.42946	0.133791	0.66572	-1.50213	0.532165	1.17259	1.17259	11.076	11.1062	0.891311	1
cg03800253	0.0384577	0.390868	-2.55841	9.92E-05	0.0667768	-14.9753	0.595871	0.810852	-1.23327	0.230013	0.610589	-1.63776	10.6993	26.002	2.16023	1
cg20923696	0.231956	0.650246	-1.53788	0.00236896	0.233314	-4.28607	0.984486	1.0067	1.0067	0.0644366	0.490058	-2.04058	9.37839	17.5076	1.65938	1
cg23777173	0.0632651	2.08355	2.08355	0.000451968	0.143263	-6.98015	0.15017	1.71957	1.71957	0.0832227	0.509689	-1.96198	9.36908	18.3255	1.73862	1
cg24969187	0.234826	0.7101	-1.40825	3.85E-05	0.114234	-8.75398	0.960213	1.01381	1.01381	0.0495162	0.540025	-1.85176	9.25405	11.078	1.06408	1
cg12011876	0.017519	0.397651	-2.51477	0.00340079	0.280859	-3.5605	0.00321229	3.60638	3.60638	0.699689	1.1316	1.1316	9.04548	14.574	1.43217	1
cg05229598	0.0635628	0.47496	-2.10544	0.000378702	0.131723	-7.59166	0.619909	0.836561	-1.19537	0.182096	0.603207	-1.6578	8.7869	17.7291	1.79348	1
cg09132473	0.0136902	0.418329	-2.39046	0.545227	1.19125	1.19125	0.0497191	1.89627	1.89627	0.0115858	0.405652	-2.46517	8.71883	11.2829	1.1503	1
cg10650764	0.366213	0.844969	-1.18348	5.40E-05	0.255097	-3.92007	0.69062	1.0753	1.0753	0.0492673	0.665485	-1.50266	8.7014	4.53782	0.463559	1
cg01512296	0.795713	0.955811	-1.04623	5.92E-05	0.274031	-3.64922	0.298763	0.828937	-1.20636	0.151459	0.765112	-1.307	8.63557	4.15016	0.42719	1
cg12714421	0.155633	1.46353	1.46353	0.506331	0.844485	-1.18415	0.000132326	5.26928	5.26928	0.395847	1.24355	1.24355	8.52288	8.48233	0.88466	1
cg23158189	0.0110488	0.0847471	-11.7998	0.000160588	0.00679117	-147.25	0.127811	0.279451	-3.57844	0.0130115	0.0919782	-10.8721	8.44832	80.2345	8.44186	1
cg03764818	0.0112042	1.88374	1.88374	0.205393	0.766281	-1.305	0.338683	1.21715	1.21715	0.0517561	0.643344	-1.55438	8.44779	5.31195	0.558931	1
cg12075445	0.101815	0.474017	-2.10963	0.571231	1.26561	1.26561	0.0136153	3.66226	3.66226	0.311034	1.54192	1.54192	9.64738	25.2652	2.0369	1
cg07256493	0.173592	0.669394	-1.49389	0.000284643	0.193358	-5.17176	0.00337129	3.02073	3.02073	0.454709	0.809686	-1.23505	8.13933	9.90784	1.08203	1
cg14695497	0.0278354	0.283857	-3.5229	0.0267111	0.280331	-3.56721	0.0211141	3.83186	3.83186	0.521564	1.36985	1.36985	8.05158	29.9236	3.30354	1
cg07132441	0.0684292	0.585971	-1.70657	0.0037187	0.358166	-2.792	0.349647	0.777055	-1.28691	0.279333	0.744771	-1.34269	7.66651	8.33487	0.966381	1
cg16640517	0.00010449	0.311204	-3.21332	0.226878	1.24105	1.24105	0.0879671	0.725774	-1.37784	0.0941331	0.731053	-1.36789	7.56527	3.47143	0.407879	1
cg26089056	0.953065	0.994635	-1.00539	0.00336685	0.694506	-1.43987	0.0647199	0.827264	-1.2088	0.207514	0.885607	-1.12917	7.54451	0.998227	0.11761	1
cg14386126	0.698429	0.875886	-1.1417	0.000375796	0.144381	-6.92611	0.0520415	2.12188	2.12188	0.665599	1.15952	1.15952	7.45613	13.6811	1.63101	1
cg13105730	0.0994621	1.20845	1.20845	0.00134912	1.62936	1.62936	0.502872	0.931189	-1.0739	0.910023	1.01192	1.01192	7.0985	1.23599	0.154774	1
cg26939168	0.124738	1.56655	1.56655	0.00154577	0.292355	-3.4205	0.103628	1.61722	1.61722	0.537079	0.844674	-1.18389	7.07037	8.16845	1.02694	1
cg16563691	0.0115903	0.272183	-3.674	0.00026995	0.0851749	-11.7405	0.601783	1.24244	1.24244	0.0398344	0.375421	-2.66368	6.91016	18.6038	2.3931	1
cg15358984	0.028865	0.37617	-2.65837	0.000886773	0.151124	-6.6171	0.0930443	0.496052	-2.01592	0.020803	0.347939	-2.87406	6.81223	15.5317	2.02664	1
cg07163745	0.127557	0.755269	-1.32403	0.0929556	1.37008	1.37008	0.718333	1.06365	1.06365	0.00276599	0.495019	-2.02013	6.76096	3.10729	0.408526	1
cg10052597	0.0461314	0.335219	-2.98312	0.000221869	0.0527931	-18.9419	0.398526	0.661373	-1.51201	0.151299	0.47928	-2.08646	6.72944	24.3833	3.22078	1
cg05483731	0.0217989	0.164705	-6.07147	0.000741998	0.0348855	-28.6652	0.169601	0.383456	-2.60786	0.0104425	0.120982	-8.26571	6.70412	45.5723	6.04236	1
cg07174541	0.0722962	1.38364	1.38364	0.28089	1.19895	1.19895	0.00992006	1.69444	1.69444	0.0802142	1.36917	1.36917	6.6666	2.76729	0.368976	1
cg18674828	0.962568	1.01501	1.01501	0.00422811	0.296469	-3.37304	0.237748	0.675281	-1.48087	0.650331	0.865131	-1.15589	6.61766	10.563	1.41882	1
cg19834585	0.120176	0.607664	-1.64565	0.000320689	0.178964	-5.58772	0.846558	1.05892	1.05892	0.225131	0.686288	-1.45711	6.35762	8.79186	1.22923	1
cg23914694	0.0131897	0.512948	-1.94951	0.173487	1.36976	1.36976	0.0663486	1.56423	1.56423	0.0098908	0.492567	-2.03018	6.28422	4.69793	0.664512	1
cg11807539	0.10386	0.487278	-2.05222	0.000249607	0.0868883	-11.509	0.0155842	0.301521	-3.31651	0.0111866	0.276604	-3.61528	6.24976	16.1752	2.30056	1
cg00136077	0.00495335	0.563643	-1.77417	0.00231307	0.519017	-1.92672	0.638158	0.929615	-1.07571	0.369557	0.867632	-1.15256	6.22865	2.34196	0.334221	1
cg08220028	0.108804	1.37998	1.37998	0.0688226	0.687288	-1.45499	0.11584	0.72998	-1.3699	0.0476183	0.658917	-1.51764	6.17393	3.31573	0.477381	1
cg17811894	0.171742	1.42593	1.42593	0.00061531	0.276329	-3.61887	0.089137	1.57969	1.57969	0.428102	0.820932	-1.21813	6.10559	5.75189	0.837395	1
cg11566267	0.169858	0.574115	-1.74181	0.000571214	0.132043	-7.57331	0.573598	0.805882	-1.24088	0.0598769	0.446732	-2.23848	5.72943	13.0713	2.02794	1
cg11334728	0.386887	0.756632	-1.32165	0.00106654	0.218582	-4.57494	0.0619705	0.516424	-1.93639	0.00697635	0.333778	-2.996	5.62705	8.81054	1.39177	1
cg01917048	0.0253754	1.48486	1.48486	0.898917	1.01908	1.01908	0.525595	0.908755	-1.10041	0.450511	0.891926	-1.12117	5.55529	1.94692	0.311522	1
cg06893288	0.12213	2.04395	2.04395	0.561957	1.28427	1.28427	0.00201997	6.41211	6.41211	0.569579	0.78253	-1.27791	5.51458	15.9001	2.56292	1
cg04774461	0.811181	1.02866	1.02866	0.016039	1.4162	1.4162	0.567409	0.934033	-1.07063	0.808992	0.971813	-1.029	5.49354	1.21273	0.196227	1
cg09254264	0.0639739	0.634512	-1.57601	0.892711	1.02992	1.02992	0.747706	0.931911	-1.07306	0.0199177	0.541196	-1.84776	5.42097	4.09894	0.672112	1
cg14384748	0.00732252	2.35732	2.35732	0.00952368	2.25805	2.25805	0.0403825	1.79901	1.79901	0.598965	0.876679	-1.14067	5.29362	5.1571	0.865965	1
cg00601042	0.138789	3.02031	3.02031	0.00164387	0.0438647	-22.7974	0.108532	3.36805	3.36805	0.626372	0.711532	-1.40542	5.26845	40.1512	6.77427	1
cg12612687	0.0760295	0.424334	-2.35664	0.00137156	0.133168	-7.50934	0.502847	0.744351	-1.34345	0.0177007	0.285782	-3.49917	5.26291	15.714	2.65405	1
cg00377301	0.00103899	0.405852	-2.46395	0.0302406	1.60494	1.60494	0.688288	0.927852	-1.07776	0.872602	1.03025	1.03025	5.05093	2.75814	0.485391	1
cg06369056	0.615554	0.763738	-1.30935	0.0239389	0.238313	-4.19616	0.388868	0.624944	-1.60014	0.111888	0.39788	-2.51332	5.0412	22.6256	3.98946	1
cg04606861	0.03747	0.577172	-1.73259	0.00129763	0.344153	-2.90569	0.648974	1.10996	1.10996	0.170714	1.39389	1.39389	4.91712	4.036	0.729605	1
cg16319947	0.300431	1.72416	1.72416	0.000425825	0.0588675	-16.9873	0.180623	0.485922	-2.05794	0.495811	0.703924	-1.42061	4.79406	19.5683	3.62825	1
cg12248652	0.0562865	0.309335	-3.23275	0.00463218	0.129407	-7.72756	0.0726406	2.96585	2.96585	0.277838	0.541949	-1.84519	4.75283	22.1805	4.14827	1
cg12161887	0.705657	0.74699	-1.33871	0.00510169	0.0581282	-17.2033	0.850469	0.864948	-1.15614	0.0841903	0.230213	-4.3438	4.64249	43.454	8.32007	1
cg23381494	0.420108	0.667268	-1.49865	0.000660858	0.0771855	-12.9558	0.0718445	0.372682	-2.68325	0.0406547	0.31322	-3.19265	4.58452	17.5149	3.39595	1
cg02410480	0.0620355	0.276936	-3.61094	0.00507111	0.103921	-9.62272	0.015238	0.161835	-6.17914	0.102036	0.334995	-2.98512	4.47589	26.473	5.25739	1
cg08351464	0.453492	0.696636	-1.43547	0.0022904	0.132879	-7.52566	0.16595	2.01251	2.01251	0.974076	1.0155	1.0155	4.41229	15.6606	3.15494	1
cg03135964	0.461509	0.759092	-1.31736	0.00490588	0.253955	-3.93771	0.267028	0.653653	-1.52986	0.50621	0.780361	-1.28146	4.29446	9.19526	1.90328	1
cg08146733	0.255208	1.62689	1.62689	0.0277996	2.9019	2.9019	0.0061838	4.31832	4.31832	0.284462	1.57701	1.57701	4.20949	11.1904	2.36299	1
cg03108894	0.0445511	0.301312	-3.31882	0.400436	0.639151	-1.56457	0.0251085	0.250198	-3.99684	0.0129855	0.201251	-4.96891	4.01318	17.19	3.80746	1
cg21723689	0.0289654	0.10173	-9.82995	0.00407287	0.0326319	-30.6448	0.653868	0.669896	-1.49277	0.0393837	0.12057	-8.29395	4.0064	49.9953	11.0923	1
cg20536786	0.414518	1.20852	1.20852	0.00126081	0.343389	-2.91215	0.874268	1.03661	1.03661	0.488075	0.852186	-1.17345	3.98948	3.25767	0.725835	1
cg13596713	0.762269	1.18583	1.18583	0.101562	0.365299	-2.73749	0.567264	0.72263	-1.38383	0.0220175	0.213722	-4.67898	3.95538	19.7711	4.44313	1
cg01705989	0.0739008	0.491649	-2.03397	0.00209893	0.21391	-4.67485	0.554531	1.23746	1.23746	0.736365	0.886536	-1.12799	3.94442	7.93566	1.78833	1
cg01635736	0.868416	1.08709	1.08709	0.00398338	0.142342	-7.02535	0.987109	1.00817	1.00817	0.809214	0.88531	-1.12955	3.77484	15.1631	3.57057	1
cg17479830	0.131335	2.07209	2.07209	0.0162678	0.268686	-3.72181	0.0171507	3.66623	3.66623	0.812388	1.1122	1.1122	3.7597	11.9111	2.81608	1
cg25670567	0.391347	0.541654	-1.8462	0.00140249	0.03956	-25.2781	0.87829	0.89854	-1.11292	0.148661	0.339106	-2.94893	3.74665	28.9208	6.86143	1
cg08899593	0.833829	1.09443	1.09443	0.0153465	0.278588	-3.58953	0.676186	1.19771	1.19771	0.0439105	0.369876	-2.70361	3.74352	10.9369	2.59695	1
cg05948955	0.17865	0.46434	-2.15359	0.0626869	0.324802	-3.0788	0.237329	1.9438	1.9438	0.890868	1.07649	1.07649	3.65598	16.6901	4.0579	1
cg01074305	0.960489	1.01781	1.01781	0.0941166	1.92698	1.92698	0.400283	1.35914	1.35914	0.43772	0.75418	-1.32594	3.56416	7.16974	1.78811	1
cg22618556	0.187155	0.456117	-2.19242	0.0174415	0.196914	-5.07836	0.181903	0.451313	-2.21576	0.0780933	0.333153	-3.00162	3.54652	17.7082	4.43832	1
cg23266633	0.165912	0.436369	-2.29164	0.000890026	0.0611961	-16.3409	0.913661	0.940944	-1.06276	0.305947	0.551602	-1.8129	3.54218	17.6721	4.4347	1
cg09412850	0.484169	0.847224	-1.18033	0.00197592	0.360841	-2.7713	0.541592	1.15499	1.15499	0.643145	1.11494	1.11494	3.47109	2.98932	0.765517	1
cg18557188	0.30793	1.61881	1.61881	0.354725	0.647556	-1.54427	0.0236103	3.43363	3.43363	0.976825	1.01335	1.01335	3.41143	11.2556	2.93278	1
cg19483465	0.671348	0.683641	-1.46276	0.00847073	0.0500307	-19.9877	0.206526	0.305059	-3.27806	0.682029	0.692751	-1.44352	3.4011	42.7746	11.1793	1
cg10112440	0.00075269	0.457533	-2.18563	0.00541925	0.571247	-1.75056	0.292407	0.846096	-1.1819	0.158041	0.793808	-1.25975	14.101	5.22758	0.329533	1
cg19736098	0.0289276	0.473791	-2.11063	8.17E-05	0.127492	-7.8436	0.00293269	3.27101	3.27101	0.152335	1.55999	1.55999	11.4985	15.319	1.18423	1
cg17083475	0.0278518	0.543794	-1.83893	0.000157604	0.219799	-4.54961	0.904288	1.02859	1.02859	0.41039	0.820943	-1.21811	8.31595	7.23466	0.77331	1
cg24630778	0.668291	1.19597	1.19597	0.00599199	0.225116	-4.44214	0.99508	1.00256	1.00256	0.00394379	0.199901	-5.00248	8.0598	21.9998	2.42628	1
cg24121765	0.0200313	0.351146	-2.84782	0.00232779	0.204831	-4.88207	0.00293049	0.217842	-4.59048	0.167436	0.577663	-1.73111	6.13091	13.5037	1.95783	1
cg26461965	0.552881	0.881868	-1.13396	0.0113361	0.51483	-1.94239	0.0166326	0.542075	-1.84476	0.162571	0.731848	-1.3664	5.4418	3.77917	0.617307	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs.3477)	p-value(3537 vs. N)	Fold-Change(3 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error)
ILMN_2492370	GAUNT9;LOC100130238	0.0222382	0.0633455	1.38423	0.0205040023	2.93258	0.25358	1.2026153	0.2102	1.2102	0.4042466	1.0459	0.7613994	1.1946	1.1946	1.1946	1.1946	0.0602609	3.44613	3.44613	0.1343	0.08	2.56687	0.0394107	4.01987	0.1123873	2.73887	2.73887	4.53714	24.4954	4.799	1
ILMN_2493035	GAUNT9;LOC100130238	0.0286491	0.8070009	1.12157	1.12157	0.3262209	3.22886	3.2288619	0.596734	1.28441	1.28441	0.745282	0.8583302	-1.16509	0.0492856	0.349283	-2.86301	0.2218955	0.547826	-1.8254	0.00262767	0.149377	-7.04338	0.244104	1.77045	1.7705	0.574075	0.766281	-1.305	4.15406	14.456	3.0933	1
ILMN_2493106	GAUNT9;LOC100130238	0.0293398	0.4584213	0.718931	-1.39095	0.0214673	3.34507	3.345007	0.132081	2.03479	2.03479	0.465541	1.38348	1.38348	0.382065	0.675828	-1.47967	0.0266912	3.1509	3.1509	0.0105802	0.245279	-4.077	0.106508	2.16049	2.16049	0.98916	0.99408	-1.00596	4.11921	12.4628	2.68936	1
ILMN_2493117	GAUNT9;LOC100130238	0.0309522	0.909224	1.05994	1.05994	0.0110298	5.08897	5.088971	0.7153884	0.828813	-1.20509	0.8940517	0.5822029	-1.07732	0.1648121	0.469393	-2.1304	0.6408977	1.27094	1.27094	0.0113851	0.2985461	-5.05466	0.0433159	3.2741	3.2741	0.113763	2.40654	2.40654	0.41165	16.5734	3.66703	1
ILMN_2493119	GAUNT9;LOC100130238	0.0186572	0.3996631	0.753916	-1.32637	0.0015465	4.46616	4.466161	0.0962632	1.81895	1.81895	0.965303	0.9858552	-1.01435	0.4621143	0.78255	-1.27787	0.2634148	1.46506	1.46506	0.0172128	1.93497	0.5602	0.760212	1.10547	1.10547	0.487682	0.793772	-1.25981	3.72964	6.33825	1.5106	1
ILMN_2493121	GAUNT9;LOC100130238	0.0430818	0.1540079	1.86922	1.86922	0.0056704	4.4273	4.4273	0.631751	1.21891	1.21891	0.113678	1.94863	1.94863	0.8306332	0.915933	-1.09178	0.0995837	2.09587	2.09587	0.47451	0.742483	-1.34683	0.0414381	2.62244	2.62244	0.0319879	3.61453	3.61453	0.58332	9.53836	2.36607	1
ILMN_2493123	GAUNT9;LOC100130238	0.0436789	0.46475	1.29878	1.29878	0.135741	1.7593	1.7593	0.688561	1.15208	1.15208	0.781949	1.1024	1.1024	0.748807	1.1195	1.1195	0.891207	1.04926	1.04926	0.0339742	0.4190075	-2.38621	0.00342563	4.04366	4.04366	0.06005501	2.10717	2.10717	3.56499	6.9706	1.73804	1
ILMN_2493127	GAUNT9;LOC100130238	0.0487676	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493129	GAUNT9;LOC100130238	0.0158249	0.5491301	1.10149	1.04867	0.0418762	1.51942	1.519422	2.53E-05	4.44257	4.44257	0.881723	0.9739572	0.12691	0.2304168	1.25158	1.25158	1.476.06	8.34138	8.34138	0.17351	1.29475	2.29475	0.0805209	1.41309	1.41309	0.07060227	1.86096	1.86096	34.9193	12.558	0.4479554	1
ILMN_2493131	GAUNT9;LOC100130238	0.0203609	0.0001999663	0.1450211	0.790624	-1.26482	2.69E-05	3.470229	3.470229	0.000802106	2.11041	2.11041	0.0799489	1.33862	1.33862	0.546316	1.09598	1.09598	7.30E-05	2.95401	2.95401	0.0474888	0.711557	-1.40537	0.301178	0.851461	-1.17445	0.0765014	1.34417	1.34417	18.3796	6.55883	0.3172044	1
ILMN_2493133	GAUNT9;LOC100130238	0.0018394	0.5749301	1.13982	1.13982	0.0138455	3.19283	3.192831	0.10337	2.045273	1.46466	0.5141954	0.9918497	1.00813	0.1835566	0.6109	-1.63707	3.64E-05	2.7106	2.7106	0.0134328	0.5567	-1.79657	0.0506427	1.1862	1.1862	0.3664411	1.12343	1.12343	8.87952	2.46136	0.2214456	1
ILMN_2493135	GAUNT9;LOC100130238	0.0076925	0.8713354	0.981887	-1.01845	0.0019508	1.63898	1.638898	0.0227648	1.35992	1.35992	0.433697	1.09429	1.09429	0.0609372	1.26901	1.26901	0.158955	1.18507	1.18507	0.00400892	1.41853	1.88355	0.0161521	1.39366	1.39366	0.219005	1.15697	1.15697	6.68454	1.34676	0.1790888	1
ILMN_2493138	GAUNT9;LOC100130238	0.0281708	0.326441	0.4412528	-2.26525	0.1234525	3.81614	3.816144	0.0609653	16.7913	16.7913	0.00426346	0.0459947	-21.9124	0.646564	0.688784	-1.45183	0.0536826	5.86526	5.86526	0.4033944	1.9967	1.99467	0.0246665	8.78316	8.78316	0.0197642	9.71338	9.71338	6.25413	64.5898	9.18003	1
ILMN_2493140	GAUNT9;LOC100130238	0.0120918	0.302969	-1.710803	-1.48005	0.755679	1.10501	1.10501	0.0188476	2.48469	2.48469	0.45948	0.785879	-1.27246	0.886928	0.955503	-1.04657	0.0706536	3.75443	-1.32378	0.00504865	0.474728	-2.10647	0.363058	0.878468	-1.13835	0.470245	1.10734	1.57602	1.45111	0.271209	1
ILMN_2493142	GAUNT9;LOC100130238	0.0197329	0.293239	0.833718	1.30233	0.1607454	2.84156	-1.17992	0.0015443	2.18991	2.18991	0.113678	1.94863	1.94863	0.8306332	0.915933	-1.09178	0.0995837	2.09587	2.09587	0.47451	0.742483	-1.34683	0.0414381	2.62244	2.62244	0.0319879	3.61453	3.61453	0.58332	9.53836	2.36607	1
ILMN_2493145	GAUNT9;LOC100130238	0.0257239	0.0829211	0.6548223	-1.52756	0.0013575	3.34507	3.345007	0.132081	2.03479	2.03479	0.465541	1.38348	1.38348	0.382065	0.675828	-1.47967	0.0266912	3.1509	3.1509	0.0105802	0.245279	-4.077	0.106508	2.16049	2.16049	0.98916	0.99408	-1.00596	4.11921	12.4628	2.68936	1
ILMN_2493147	GAUNT9;LOC100130238	0.0436789	0.46475	1.29878	1.29878	0.135741	1.7593	1.7593	0.688561	1.15208	1.15208	0.781949	1.1024	1.1024	0.748807	1.1195	1.1195	0.891207	1.04926	1.04926	0.0339742	0.4190075	-2.38621	0.00342563	4.04366	4.04366	0.06005501	2.10717	2.10717	3.56499	6.9706	1.73804	1
ILMN_2493149	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493151	GAUNT9;LOC100130238	0.0487676	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493153	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493155	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493157	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493159	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493161	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493163	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493165	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493167	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493169	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493171	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493173	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493175	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493177	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493179	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493181	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493183	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493185	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493187	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493189	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493191	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493193	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493195	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493197	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493199	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493201	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493203	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493205	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493207	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493209	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493211	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493213	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493215	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493217	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493219	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493221	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493223	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493225	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493227	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493229	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493231	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068	0.268341	0.8663538	-1.16765	0.0856024	0.569362	-2.70737	0.582239	0.74297	-1.3383	0.00994766	0.1788898	-5.58977	0.0554732	3.10342	3.10342	0.121804	2.40928	2.40928	3.42058	14.8913	3.86972	1
ILMN_2493233	GAUNT9;LOC100130238	0.0486776	0.6138063	1.32977	1.30577	0.0996793	2.57441	2.574411	0.1962564	1.32068	1.32068

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N) vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N) vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	p-value(1473 vs. N)	Fold-Change(1 473 vs. N) vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N) vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N) vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ILMN_1652043	GAR1;GAR1	0.0100261	0.748126	1.30775	1.30775	0.00120108	0.19088	51.9988	0.399851	2.04676	2.04676	?	?	0.0206309	0.09806573	-10.1971	?	?	?	0.0276599	1.07625	1.07625	0.252958	0.369958	4.27303	46.6106	0.76358	1
ILMN_2384305	GAR1;GAR1	0.0153644	0.18108	2.79785	2.4824	0.0446627	0.667813	-1.49742	0.685066	0.931076	-1.07403	0.942234	0.987387	-1.01277	0.026405	0.63059	-1.58582	0.484266	1.13258	1.13258	0.00036605	0.367949	-2.71777	2.232608	0.802906	-1.24548	0.295649	0.827003	-1.20919	5.13969	2.49718	0.431876	1
ILMN_2452784	GAR1;GAR1;GAR1	0.0170154	?	?	?	0.00374906	0.386091	-2.59007	0.161387	0.695082	-1.43868	0.226331	1.362	1.362	0.524733	0.854911	-1.16971	0.05455544	0.588374	-1.6996	0.02178227	0.5118596	-1.95352	0.636565	0.890696	-1.12272	0.994313	1.00173	1.00173	3.85001	3.20564	0.832634	1
ILMN_1665471	GAINL3	0.0315609	0.3377761	-2.96067	0.0121918	0.211912	-4.71894	0.00275869	0.128552	-7.77893	0.364126	0.622931	-1.58027	0.0497616	0.328981	-3.03969	0.31503	0.596348	-1.67529	0.01753185	0.2377901	-4.20342	0.900451	0.588444	-1.70403	0.8830149	0.385441	-2.59443	4.01366	15.6862	3.47395	1
ILMN_2953196	GAR5	0.0001156879	0.0001296	2.81288	-4.5811	0.0019628	0.367261	-2.72286	0.0438772	0.588505	-1.66922	0.0010983	0.332275	-3.0959e-05	5.19E-05	0.161395	-6.19597	0.817081	0.948348	-1.05447	0.00403732	0.280286	-3.56779	0.387193	1.22493	1.22493	0.000184641	2.23513	-4.24605	19.6521	16.3077	0.737615	1
ILMN_2920047	GAR5	0.000835167	0.00224789	0.694243	-1.44042	0.9767221	0.9975133	-1.00249	0.001040938	1.51265	1.51265	0.01711143	0.7803981	-1.28141	0.557282	1.05195	1.05195	0.0952683	0.855227	-1.1692	0.00201828	0.000101893	0.5597796	-1.78637	0.2682348	0.9062094	-1.10339	0.5111666	0.944726	-1.05851	12.3131	1.41969	0.102488	1
ILMN_2094878	GAR5	0.00225916	0.2140899	0.7218954	-1.38524	0.000433434	0.250008	-3.99987	0.907848	0.971564	-1.02927	0.00704274	0.419856	-2.38177	0.000147055	0.196583	-5.08691	0.113635	0.66828	-1.49638	0.4846227	1.19385	1.19385	0.143119	0.675676	-1.48	0.396545	0.805502	-1.24146	9.30472	9.14638	0.873762	1
ILMN_2873282	GAR5	0.0100073	0.0973587	0.709513	-1.41041	0.0199327	0.5598199	-1.7902	0.0677933	0.437211	-2.11819	0.51595	1.13459	1.13459	0.0132228	0.559009	-1.80177	0.0189109	0.579844	-1.7246	0.0379135	0.1796121	1.586202	1.586202	0.6488613	1.09186	0.951962	1.01162	1.01162	5.90924	3.43975	0.517419	1
ILMN_2373310	GAR5	0.0204875	0.320103	0.8630381	-1.15864	0.0317464	0.697109	-1.4945	0.102258	0.479324	-1.71022	0.00330576	0.755434	1.77445	0.0663436	0.744425	-1.34332	0.0779374	0.75522	-1.3242	0.0758475	0.1648907	1.36807	1.36807	0.943215	0.989842	-1.01026	4.66618	1.51806	0.289184	1
ILMN_2424804	GAR5	0.0273569	0.4877221	0.7448577	-1.3425	0.0556268	1.40036	1.40036	0.0467725	1.42396	1.42396	0.328582	0.855083	-1.16948	0.23252	0.823346	-1.21456	0.487721	1.11567	1.11567	0.05053594	0.562165	-1.77884	0.225852	1.2181	1.2181	0.631948	1.0778	1.0778	4.22216	1.61186	0.339345	1
ILMN_2939058	GAR5	0.0471066	0.5609031	0.7139453	-1.40041	0.0744228	1.44039	1.44039	0.0733893	1.56631	1.56631	0.433303	0.859879	-1.51543	0.324572	0.850458	-1.17564	0.6900168	0.81195	-1.23152	0.2744042	0.1442247	-1.71002	0.09382312	0.6907288	1.44646	0.2228631	1.446546	14.885	3.80518	1
ILMN_2847593	GAR5;GAR5	0.00360071	0.592739	0.8892577	-1.12453	0.00209214	0.277037	-3.60962	0.0101853	0.494416	-2.02259	0.429755	1.19151	1.19151	0.00158085	0.372996	-2.68099	0.0329158	0.816922	-1.22451	0.1264107	0.2704459	-1.79941	-1.25086	0.363178	1.22527	1.22527	0.0727866	0.647195	-1.54513	8.10466	6.00599	0.665295	1
ILMN_2094573	GAR5;GAR5;GAR7;GAR7	1.54E-06	1.94E-07	0.3128244	-2.88098	0.720744	1.0238	1.0238	0.0018286	0.746573	1.38588	0.0011556	1.38082	1.66692	0.187197	0.912451	-1.09935	0.0129158	0.816922	-1.22451	4.61E-07	2.44039	0.0472799	0.863177	-1.1604	0.0116239	0.813238	-1.22965	0.652449	4.46447	0.6604713	1
ILMN_2254263	GAR5;GAR7;GAR7;GAR7;SON;SON	0.000990213	0.0381275	2.25807	2.25807	?	?	0.765752	1.10403	1.10403	1.07249	1.46323	0.46323	0.0178306	0.3738898	-2.67452	0.08095926	3.1714	3.1714	0.000212081	9.35014	9.35014	0.000405704	7.47374	7.47374	0.00642886	3.40305	3.40305	14.6794	22.1745	1.32176	1
ILMN_2213598	GAR7;GAR7;GAR7;GAR7;SON;SON	0.0198867	0.569115	1.12819	1.12819	0.913341	0.10823	1.01823	0.35414	1.22118	1.22118	0.112246	1.43685	1.43685	0.0122283	0.519813	-1.92377	0.0183304	0.548811	-1.82212	0.003762	0.440554	-2.26987	0.697065	0.921274	-1.08545	0.165935	0.733685	-1.36298	4.71365	3.27985	0.618507	1
ILMN_2363792	GAR7;GAR7;GAR7;GAR7;SON;SON	0.04523	0.49828	0.8952311	-1.11705	0.0128826	1.64272	1.64272	0.0133466	1.63868	1.63868	0.0138608	1.50507	0.0888628	0.115504	0.2591797	1.20801	1.20801	0.0316424	1.50032	1.50032	0.244847	0.8232932	-1.21419	0.8475565	1.031477	1.031477	0.1679511	1.26719	1.26719	1.52768	1.44483	0.36498	1
ILMN_2731597	GAR7;GAR7;GAR7;GAR7;SON;SON	0.0043938	0.0092986	0.5524472	-1.81005	0.0642963	1.45325	1.45325	0.0708582	1.43752	1.43752	0.633324	1.09027	1.09027	0.134688	0.74826	-1.33643	0.0142388	0.722335	1.72235	0.0728076	0.6977763	-1.43315	0.00924589	0.5521502	-1.81126	0.0073396	1.86162	1.86162	7.63279	3.90877	0.455202	1
ILMN_2826491	GAR7;GAR7;SON;SON	0.0209888	0.444027	0.882677	-1.13299	0.0466576	1.45983	1.45983	0.00912876	1.69834	1.69834	0.236084	0.851993	-1.17355	0.0991775	0.749601	-1.33456	0.1970162	1.24371	1.24371	0.0745296	0.7227796	-1.37405	0.1125511	0.758561	-1.31825	0.545247	0.990733	-1.01086	4.08738	5.65568	0.360063	1
ILMN_2446311	GAS1	3.39E-06	0.000287937	1.197427	1.19742	0.00268536	0.88132	-1.13466	1.01E-06	1.47504	1.47504	0.0135	1.31788	1.31788	0.0541832	1.0688	1.0688	7.57E-05	0.803635	-1.24435	0.474922	1.02237	1.02237	0.000118078	0.818821	-1.22218	0.000548885	1.17755	1.17755	53.6433	0.787743	0.0130532	1
ILMN_2644743	GAS1	0.000137611	0.96355	1.0029	1.0029	0.574178	0.96462	-1.03668	0.92106	1.00631	1.00631	0.055427	1.14768	1.14768	0.722319	0.977616	-1.0229	0.212118	1.08696	1.08696	1.546	0.4627753	-2.16098	0.995456	1.00036	1.00036	0.0926065	1.12459	1.12459	20.3233	1.2956	0.0566664	1
ILMN_2053644	GAS1	0.00708081	0.0807286	1.816047	-1.22492	0.0688207	1.13694	1.13694	0.0127561	1.24727	1.24727	0.136394	1.18272	1.18272	0.0178376	1.09147	1.09147	0.092909	0.824257	-1.21321	0.0035639	0.6573739	-1.52219	0.1865911	1.15768	1.15768	0.00236008	1.51583	1.51583	6.59148	1.1417	0.153963	1
ILMN_2250174	GAS1;GAS1	0.0101718	0.14644	0.452534	-2.20978	0.00152293	0.0982592	-10.1772	0.00484648	0.149525	-6.68785	0.14403	0.45007	-2.22188	0.00749319	0.173617	-5.75979	0.293079	0.574194	-1.74157	0.029828	0.2724447	-3.67044	0.0052029	0.154165	-6.48655	0.765274	0.858731	-1.16451	5.87498	24.0881	3.64237	1
ILMN_2644238	GAS1;GAS1;GAS2	0.0134254	0.532477	0.8553258	-1.16902	0.0205996	1.18334	1.18334	0.0127561	1.23763	1.23763	0.133053	1.20979	1.20979	0.0907161	1.0434	1.0434	0.0077629	0.7997291	1.20917	1.20917	0.0442126	-1.1245	0.1000933	0.8310047	-1.20329	0.0731561	0.8324251	1.20917	1.20917	0.0442126	1.12251	1
ILMN_2257928	GAS2	0.00628975	0.00392572	0.209207	-4.77995	0.0200993	0.322902	-3.09692	0.426363	1.38734	1.38734	0.0208954	0.326136	-3.06621	0.00656845	0.24101	-4.14921	0.00659319	0.241255	-4.145	0.0945129	0.47672	-2.09767	0.00148877	0.1577753	-6.33902	0.0965854	0.479353	-2.08615	6.83872	17.5975	2.28731	1
ILMN_2070489	GAS2	0.02778	0.0261806	0.732142	-1.36585	0.119404	0.818954	-1.22107	0.569434	1.07032	1.07032	0.468353	1.09112	1.09112	0.626736	0.943721	-1.05964	0.0055426	0.650023	-1.53841	0.18784	0.847933	-1.17934	0.021185	1.38751	1.38751	0.536365	0.92867	-1.07681	4.19943	0.92907	0.196655	1
ILMN_2558294	GAS2	0.044809	0.0504046	0.4854707	-2.05975	0.483544	1.08405	-1.08405	0.779194	1.03569	1.03569	0.838984	-1.19067	0.0791167	0.372598	-2.68511	0.37267	0.0499433	0.32567	-3.07054	0.0178582	0.2756828	-2.34411	0.0072898	0.1743428	-5.73632	0.0817903	0.373958	1.53114	14.227	3.58133	1
ILMN_2547797	GAS2;GAS2	0.00139351	0.2301111	0.777774	-1.28572	0.0566026	1.53841	1.53841	0.836925	0.959696	-1.042	0.209771	0.768096	-1.30192	0.0774056	0.67581	-1.47971	0.00710639	0.499514	-2.00195	0.8315	0.246106	-4.06328	0.0139158	1.83391	1.83391	0.0184684	0.565287	-1.76901	10.7038	6.75409	0.560888	1
ILMN_2163146	GAS2;GAS2	0.0015161	0.501841	1.129213	1.12921	0.0460578	0.59057	-1.23028	0.674384	0.868256	-1.15145	0.0294985	0.50288	-1.99385	0.0131281	1.03454	1.03454	0.0914935	1.78401	1.78401	1.19456	0.218479	1.497	1.497	0.0826994	-1.30197	0.6628307	0.822178	-1.21655	5.51268	8.57339	1.36785	1
ILMN_2649393	GAS2;GAS2;GAS2	0.000463112	5.56E-05	0.258285	-3.87169	0.0588637	0.680062	-1.47045	0.0402466	0.651903	-1.53397	0.00129137	0.428867	-2.33173	0.00053212	0.118769	0.377697	0.2647762	0.0103101	0.557907	-1.79241	0.238927	1.24942	1.24942	0.0563303	0.547722	1.84722	0.0055348	0.517787	1.9313	14.5973	7.539	0.458892	1
ILMN_2394004	GAS2;GAS2;GAS2	0.00710663	0.4653803	0.8068842	-1.23934	0.2168559	1.45595	1.45595	0.2111128	0.683253	-1.46359	0.00151683	0.267005	-3.74525	0.0256968	0.464857	-2.1512	0.2968224	0.73146	-1.36713	0.000630391	0.2189953	-4.56719	0.570317	1.18038	1.18038	0.765337	0.9171	-1.09039	6.58399	8.71555	1.17667	1
ILMN_2767998	GAS2;GAS2;GAS2	0.0288031	0.3165041	0.7108388	-1.40686	0.0886488	1.56152	1.56152	0.1426727	0.712309	-1.40397	0.0216595	0.3977193	-2.51494	0.0724414	1.1824	1.1824	0.1148272	0.7676376	-1.30274	0.1491403	0.7993119	-1.25107	0.1307558	0.8552033	-1.16901	0.0466049	0.841805	-1.23182	3.41464	1.8185	0.4373	1
ILMN_2493534	GAS2;GAS2;GAS2	0.0180618	0.0038552	0.4799355	-2.00242	0.0622975	0.145383	0.145383	0.155288	1.31151	1.31151	0.927031	0.983798	-1.01647	0.625773	0.916087	-1.0916	0.043293	0.600661	-1.51364	0.517457	1.12415	1.12415	0.409937	1.16215	1.16215	0.767532	0.948512	-1.05428	3.7509	1.88909	0.447676	1
ILMN_2367730	GAS2;GAS2;GAS2	0.00895	0.3203287	0.7464048	-1.33923	0.0205396	1.18334	1.18334	0.0127561	1.24901	1.24901	0.134093	1.18239	1.18239	0.0547984	1.02329	1.02329	0.0079381	0.7997161	-1.25034	0.1002559	0.8310047	-1.20329	0.0731561	0.8324427	-1.20119	0.0731561	0.8324251	1.20917	1.20917	0.0442126	1.12251	1
ILMN_2520727	GAS2;GAS2;GAS2;GAS2;GAS2	0.0169111	0.109485	0.8221122	-1.21638	0.000468349	1.8539	1.8539	0.628444	1.05626	1.05626	0.442703	0.915891	-1.09183	0.240726	1.14782	1.14782	0.4882265	1.08224	1.08224	0.217591	1.15674	1.15674	0.529926	0.9310665	-1.07404	0.1105512	1.21557	1.21557	4.97821	0.9934438	0.177384	1
ILMN_2229304	GAS2;GAS2;GAS2;GAS2;GAS2;GAS2	0.0184697	0.0979841	0.595463	-1.67937	0.0247857	1.24513	2.14513	0.0216493	2.19789	2.19789	0.231024	1.43165	1.43165	0.0895454	0.585904	-1.70677	0.0219198	2.19298	2.19298	0.055172	1.866055	0.099383	0.5969865	-1.67508	0.3655597	1.30407	0.83302	0.243448	1.1483	1
ILMN_2005746	GAS2;GAS2;GAS2;GAS2;GAS2;GAS2	0.0127676	0.0117647	0.4844284	-2.06387	0.0259166	1.17401	1.17401	0.0127561	1.23763	1.23763	0.133053	1.18239	1.18239	0.0547984	1.02329	1.02329	0.0079381	0.7997161	-1.25034	0.1002559	0.8310047	-1.20329	0.0731561	0.8324427	-1.20119	0.0731561	0.8324251	1.20917	1.20917	0.0442126	1.12251	1
ILMN_2234381	GAS2;GAS2;GAS2;GAS2;GAS2;GAS2	0.0334097	0.1127724	0.4836352	-2.06768	0.00163233	0.149771	-6.67685	0.0254182	0.327031	-3.05781	0.583951	0.769722	-1.29917	0.386611	0.688383	-1.45268	0.0630485	0.411391	-2.43078	0.327452	0.6533557	-1.53009	0.0177298	0.297216	-3.36455	0.751633	0.874949	-1.14292	3.93257	11.0258	2.49219	1
ILMN_2493240	GAS2;GAS2	1.96E-05	0.596824	1.057731	1.05773	0.0399598	1.51188	1.51188	0.0035994	1.50288	1.50288	0.0464656	1.46494	1.46494	0.0113013	0.6987863	-1.43124	0.2227.07	0.3985	0.1235	0.1225466	0.1349552	-1.34592	1.34592	1.34592	0.0914985	1.7036	1.7036	1.34511	0.960616	0.415578	1.3981	1
ILMN_2263774	GAS2;GAS2	0.0028244	0.817362	1.07236	1.07236	3.94E-05	0.0929598	-10.7573	0.00101997	0.229671	-4.35401	0.533136	1.19854	1.19854	6.46E-05	0.0981728	-10.1861	0.0095042	0.337053	-2.69735	0.665221	1.14053	1.14053	0.103269	0.5837391	-1.71294	0.0231756	0.433786	1.26121	23.9993	1.28416	1
ILMN_2638920	GAS2;GAS2	0.000841264	0.0061720	0.74517	-1.34198	0.618577	0.959551	-1.0422	3.85E-05	0.522219	-1.91491	0.494309	1.05882	1.05882	0.00288088	0.713531	-1.40148	0.0536312	0.834862	-1.1978	0.0015006	0.6860956	-1.45761	0.00658597	0.747849	-1.33717	0.9682	1.09672	-1.00329	12.3558	1.32704	0.0954685	1
ILMN_2452709	GAS2;GAS2	0.0130108	0.1605905	0.5139373	-1.94581	0.0762161	0.870857	-1.14845	0.5170501	1.50288	1.50288	0.0464656	1.46494	1.46494	0.0113013	0.6987863	-1.43124	0.2227.07	0.3985	0.1235	0.1225466	0.1349552	-1.34592	1.34592	1.34592	0.0914985	1.7036	1.7036	1.34511	0.960616	0.415578	1.3981	1
ILMN_2179011	GAS2;GAS2	0.00626408	0.48651	1.34643	1.34643	0.000893144	0.1233	-8.1083	0.00623821	0.223201	-4.48027	0.436402	0.716032	-1.39659	0.0219088	0.314472	-3.17993	0.0120086	0.267629	-3.73651	0.062019	0.2413132	-4.20253	0.00282445	0.177236	-5.6422	0.161935	0.533514	-1.87437	6.84738	19.1939	2.49165	1
ILMN_2233764	GAS2;GAS2	0.0219095	0.894407	1.0364	1.0364	0.0127561	0.325	1.23763	0.133053	1.18239	1.18239	0.0547984	1.02329	1.02329	0.0079381	0.7997161	-1.25034	0.1002559	0.8310047	-1.20329	0.0731561	0.8324427	-1.20119	0.0731561	0.8324251	1.20917	1.20917	0.0442126	1.12251	1.12251	0.0442126	1.12251	1
ILMN_2547797	GAS2;GAS2	0.00139351	0.2301111	0.777774	-1.28572	0.0566026	1.53841	1.53841	0.836925	0.959696	-1.042	0.209771	0.768096	-1.30192	0.0774056	0.67581	-1.47971	0.00710639	0.499514	-2.00195	0.8315	0.246106	-4.06328	0.0139158	1.83391	1.83391	0.0184684	0.565287	-1.76901	10.7038	6.75409	0.560888	1
ILMN_2163146	GAS2;GAS2	0.0015161	0.501841	1.129213	1.12921	0.0460578	0.59057	-1.23028	0.674384	0.868256	-1.15145	0.0294985	0.50288	-1.99385	0.0131281	1.03454	1.03454	0.0914935	1.78401	1.78401	1.19456	0.218479	1.497	1.497	0.0826994	-1.30197	0.6628307	0.822178	-1.21655	5.51268	8.57339	1.36785	1
ILMN_2649393	GAS2;GAS2;GAS2	0.000463112	5.56E-05	0.258285	-3.87169	0.0588637	0.680062	-1.47045	0.0402466	0.651903	-1.53397	0.00129137	0.428867	-2.33173	0.00053212	0.118769	0.377697	0.2647762	0.0103101	0.557907	-1.79241	0.238927	1.24942	1.24942	0.0563303	0.547722	1.84722	0.0055348	0.517787	1.9313	14.5973	7.539	0.458892	1
ILMN_2394004	GAS2;GAS2;GAS2	0.00710663	0.4653803	0.8068842	-1.23934	0.2168559	1.45595	1.45595	0.2111128	0.683253	-1.46359	0.00151683	0.267005	-3.74525	0.0256968	0.464857	-2.1512	0.2968224	0.73146	-1.36713	0.000630391	0.2189953	-4.56719	0.570317	1.18038	1.18038	0.765337	0.9171	-1.09039	6.58399	8.71555	1.17667	1
ILMN_2767998	GAS2;GAS2;GAS2	0.0288031	0.3165041	0.7108388	-1.40686	0.0886488	1.56152	1.56152	0.1426727	0.712309	-1.40397	0.0216595	0.3977193	-2.51494	0.0724414	1.1824	1.1824	0.1148272	0.7676376	-1.30274	0.1491403	0.7993119	-1.25107	0.1307558	0.8552033	-1.16901	0.0466049	0.841805	-1.23182	3.41464	1.8185	0.4373	1
ILMN_2493534	GAS2;GAS2;GAS2	0.0180618	0.0038552	0.4799355	-2.00242	0.0622975	0.145383	0.145383	0.155288	1.31151	1.31151	0.927031	0.983798	-1.01647	0.625773	0.916087	-1.0916	0.043293	0.600661	-1.51364	0.517457	1.12415	1.12415	0.409937	1.16215	1.16215	0.767532	0.948512	-1.05428	3.7509	1.88909	0.447676	1
ILMN_2367730	GAS2;GAS2;GAS2	0.00895	0.3203287	0.7464048	-1.33923	0.0205396	1.18334	1.18334	0.0127561	1.24901	1.24901	0.134093	1.18239	1.18239	0.0547984	1.02329	1.02329	0.0079381	0.7997161	-1.25034	0.1002559	0.8310047	-1.20329	0.0731561	0.8324427	-1.20119	0.0731561	0.8324251	1.20917	1.20917	0.0442126	1.12251	1
ILMN_2520727	GAS2;GAS2;GAS2;GAS2;GAS2;GAS2	0.0169111	0.109485	0.8221122	-1.21638	0.000468349	1.8539	1.8539	0.628444	1.05626	1.05626	0.442703	0.915891	-1.09183	0.240726	1.14782	1.14782	0.4882265	1.08224	1.08224	0.217591	1.15674	1.15674	0.529926	0.9310665	-1.07404	0.1105512	1.21557	1.21557	4.97821	0.9934438	0.177384	1
ILMN_2229304	GAS2;GAS2;GAS2;GAS2;GAS2;GAS2	0.0184697	0.0979841	0.595463	-1.67937	0.0247857	1.24513	2.14513	0.0216493	2.19789	2.19789	0.231024	1.43165	1.43165	0.0895454	0.585904	-1.70677	0.0219198	2.19298	2.19298	0.055172	1.866055	0.099383	0.5969865	-1.67508	0.3655597	1.30407	0.83302	0.243448	1.1483	1
ILMN_2005746	GAS2;GAS2;GAS2;GAS2;GAS2;GAS2	0.0127676	0.0117647	0.4844284	-2.06387	0.0259166	1.17401	1.17401	0.0127561	1.23763	1.23763	0.133053	1.18239	1.18239	0.0547984	1.02329	1.02329	0.0079381	0.7997161	-1.25034	0.1002559	0.8310047	-1.20329	0.0731561	0.8324427	-1.20119	0.0731561	0.8324251	1.20917	1.20917	0.0442126	1.12251	1
ILMN_2234381	GAS2;GAS2;GAS2;GAS2;GAS2;GAS2	0.0334097	0.1127724	0.4836352	-2.06768	0.00163233	0.149771	-6.67685	0.0254182	0.327031	-3.05781	0.583951	0.769722	-1.29917	0.386611	0.688383	-1.45268	0.0630485	0.411391	-2.43078	0.327452	0.6533557	-1.53009	0.0177298	0.297216	-3.36455	0.751633	0.874949	-1.14292	3.93257	11.0258	2.49219	1
ILMN_2493240	GAS2;GAS2	1.96E-05	0.596824	1.057731	1.05773	0.0399598	1.51188	1.51188	0.0035994	1.50288	1.50288	0.0464656	1.46494	1.46494	0.0113013	0.6987863	-1.43124	0.2227.07	0.3985	0.1235	0.1225466	0.1349552	-1.34592	1.34592	1.34592	0.0914985	1.7036	1.7036	1.34511	0.960616	0.415578	1.3981	1
ILMN_2263774	GAS2;GAS2	0.0028244	0.817362	1.07236	1.07236	3.94E-05	0.0929598	-10.7573	0.00101997	0.229671	-4.35401	0.533136	1.19854	1.19854	6.46E-05	0.0981728	-10.1861	0.0095042	0.337053	-2.69735	0.665221	1.14053	1.14053	0.103269	0.5837391	-1.71294	0.0231756	0.433786	1.26121	23.9993	1.28416	1
ILMN_2638920	GAS2;GAS2	0.000841264	0.0061720	0.74517	-1.34198	0.618577	0.959551	-1.0422	3.85E-05	0.522219	-1.91491	0.494309	1.05882	1.05882	0.00288088	0.713531	-1.40148	0.0536312	0.834862	-1.1978	0.0015006	0.6860956	-1.45761	0.00658597	0.747849	-1.33717	0.9682	1.09672	-1.00329	12.3558	1.32704	0.0954685	1
ILMN_2452709	GAS2;GAS2	0.0130108	0.1605905	0.5139373	-1.94581	0.0762161	0.870857	-1.14845	0.5170501	1.50288	1.50288	0.0464656	1.46494	1.46494	0.0113013	0.6987863	-1.43124	0.2227.07	0.3985	0.1235	0.1225466	0.1349552	-1.34592	1.34592	1.34592	0.0914985	1.7036	1.7036	1.34511	0.960616	0.415578	1.3981	1
ILMN_2179011	GAS2;GAS2	0.00626408	0.48651	1.34643	1.34643	0.000893144	0.1233	-8.1083	0.00623821	0.223201	-4.48027	0.436402	0.716032	-1.39659	0.0219088	0.314472	-3.17993	0.0120086	0.267629	-3.73651	0.062019	0.2413132	-4.20253	0.00282445	0.177236	-5.6422	0.161935	0.533514	-1.87437	6.84738	19.1939	2.49165	1
ILMN_2233764	GAS2;GAS2	0.0219095	0.894407	1.0364	1.0364	0.0127561	0.325	1.23763	0.133053	1.18239	1.18239	0.0547984	1.02329	1.02329	0.0079381	0.7997161	-1.25034	0.1002559	0.8310047

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg00412675	GATA4	5.14E-05	0.173555
cg21073927	GATA4	5.49E-05	3.34E-06
cg06407417	GATA4	8.04E-05	0.933123
cg27100236	GATA4	0.00012697	0.581621
cg11048722	GATA4	0.000168117	0.474944
cg16803596	GATA4	0.000209118	0.0363197
cg11981599	GATA4	0.00024663	0.133197
cg01644798	GATA4	0.000273	0.0313775
cg09626984	GATA4	0.000280327	0.130942
cg00595237	GATA4	0.000288666	0.469693
cg16810626	GATA4	0.000317708	0.607575
cg04880278	GATA4	0.000481687	0.367188
cg12567615	GATA4	0.000721579	0.454086
cg24646414	GATA4	0.000770385	0.0417134
cg20279283	GATA4	0.000820463	0.0516643
cg05930881	GATA4	0.00129566	0.51799
cg12637676	GATA4	0.0014189	0.270401
cg01546563	GATA4	0.00148181	0.845852
cg09130043	GATA4	0.00190829	0.1111
cg24910352	GATA4	0.00204801	0.0209509
cg13293535	GATA4	0.00252116	0.650312
cg00397986	GATA4	0.00293707	0.837421
cg00090147	GATA4	0.00319207	0.461746
cg19172575	GATA4	0.00321877	0.000101608
cg24387126	GATA4	0.00438331	0.334977
cg18119192	GATA4	0.00461722	0.177573
cg22320962	GATA4	0.00499433	0.00857237
cg02726121	GATA4	0.00513902	0.0564094
cg06707081	GATA4	0.00560059	0.362026
cg05412333	GATA4	0.00575168	0.138085
cg14379719	GATA4	0.00654998	0.00357145
cg00911881	GATA4	0.00901033	0.0710176
cg03007522	GATA4	0.0117895	0.377072
cg23972785	GATA4	0.0121172	0.198151
cg26020513	GATA4	0.012725	0.0109945
cg17795240	GATA4	0.0169352	0.0818387
cg10451078	GATA4	0.0179551	0.0344669
cg03579045	GATA4	0.0206221	0.74014
cg14900471	GATA4	0.0288928	0.628374
cg04233840	GATA4	0.0302145	0.974796
cg18127003	GATA4	0.031298	0.854257
cg24738627	GATA4	0.0352919	0.069235
cg16795466	GATA4	0.0464262	0.787611
cg16816874	GATA4	0.0488134	0.0383362
cg18283386	GATA4;GATA4	7.79E-05	0.405952
cg14666113	GATA4;GATA4	0.000295751	0.826294
cg17543539	GATA5	1.04E-05	0.935581
cg20265733	GATA5	0.00072598	0.0606643
cg25988317	GATA5	0.000863402	0.481996
cg24320612	GATA5	0.00175556	0.146298
cg08583859	GATA5	0.00205649	0.00563996
cg08568720	GATA5	0.00458743	0.90166
cg04742780	GATA5	0.00613233	0.405807
cg18872321	GATA5	0.00655515	0.376654
cg09339194	GATA5	0.0116411	0.0844016
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cg20525917	GATA5	0.0129224	0.615405
cg08015883	GATA5	0.0179115	0.0126079
cg03777459	GATA5	0.0212535	0.677092
cg25667841	GATA5	0.0213506	0.352883
cg15749748	GATA5	0.0255296	0.215984
cg04132607	GATA5	0.0305463	0.856944
cg14519000	GATA5	0.0315562	0.565629
cg09923671	GATA5	0.0330055	0.377456
cg11982072	GATA5	0.0357545	0.972611
cg18632712	GATA6	5.59E-06	0.0437429
cg20921890	GATA6	7.95E-06	2.12E-06
cg23267759	GATA6	1.44E-05	0.00211489
cg15424989	GATA6	1.93E-05	0.0116533
cg16204205	GATA6	0.000294083	0.0865067
cg12306367	GATA6	0.000850166	0.0871497
cg00148892	GATA6	0.00253748	0.000811415
cg20880080	GATA6	0.00794937	0.00586022
cg12026967	GATA6	0.0100033	0.0684994
cg19177125	GATA6	0.0120175	0.335818
cg24753061	GATA6	0.01609	0.00133707
cg13937164	GATA6	0.0249322	0.0141208
cg14913969	GATA6	0.031336	0.023024
cg26987699	GATA6	0.0322083	0.107798
cg21684845	GATA6	0.0379635	0.382547
cg14880184	GATA6	0.043514	0.0088503
cg23183449	GATAD1	3.95E-05	1.44E-06
cg15154255	GATAD1	0.0181862	0.0433189
cg01222304	GATAD1	0.0185506	0.0932766
cg06913160	GATAD1	0.0185622	0.0159266
cg13736064	GATAD1	0.0244064	0.0154389
cg21998512	GATAD1;GATAD1	0.000227369	0.0718424
cg25751588	GATAD1;GATAD1	0.00655767	0.433341
cg22647065	GATAD2A	0.0001503	0.514916
cg26162025	GATAD2A	0.000181207	0.000221332
cg11795262	GATAD2A	0.000326011	4.01E-05
cg03755333	GATAD2A	0.000352514	0.00394579
cg12488919	GATAD2A	0.00122917	0.00946329
cg24687281	GATAD2A	0.00184133	0.0407124
cg21879208	GATAD2A	0.00511955	0.134799
cg03709012	GATAD2A	0.0111196	0.449345
cg19239278	GATAD2A	0.0111759	0.0162483
cg26106524	GATAD2A	0.014092	0.510752
cg20731914	GATAD2A	0.0158478	0.0677731
cg17360338	GATAD2A	0.0266391	0.0223751
cg08870822	GATAD2A	0.0424114	0.127422
cg25444952	GATAD2A	0.0436942	0.281986
cg09805553	GATAD2B	5.92E-05	0.039824
cg08202226	GATAD2B	0.00159354	0.0892548
cg22153745	GATAD2B	0.0395058	0.140826
cg10226922	GATAD2B;GATAD2B	0.000572466	0.868963
cg21873153	GATC	0.0137019	0.0325912
cg25296939	GATC;TRIAP1	0.00677063	0.0400228
cg26136399	GATS;GATS;GATS;GATS	0.000876219	0.72049
cg03276399	GATS;GATS;GATS;GATS	0.00268202	0.061793
cg10679226	GATS;GATS;GATS;GATS	0.0104254	0.124899
cg21873567	GATS;GATS;GATS;PVRIG;GATS	0.00868478	0.136532
cg09293122	GATS;STAG3;GATS;GATS;GATS	0.00229392	0.848207
cg06796482	GATSL1	0.00796834	0.881181
cg18210722	GATSL1	0.0111465	0.350878
cg21952928	GATSL2	0.0238723	0.0812512
cg03385582	GATSL3	0.0375563	0.173101
cg20395643	GATSL3	0.0375763	0.200463
cg19608781	GATSL3	0.0390078	0.276943
cg19293995	GATSL3	0.0407089	0.346826
cg03125765	GATSL3	0.0438038	0.838723
cg13543286	GBA2	0.00695303	0.563899
cg14308286	GBA3;GBA3	0.00827246	0.442102
cg11210703	GBA3;GBA3	0.00862761	0.0129705
cg14338210	GBA3;GBA3	0.0419508	0.986458
cg16415604	GBA;GBA;GBA;GBA	0.0301006	0.285663
cg16717773	GBA;GBA;GBA;GBA;GBA	0.000435909	0.0143127
cg19257864	GBA;GBA;GBA;GBA;GBA	0.0101381	0.0715321
cg18027784	GBA;GBA;GBA;GBA;GBA	0.0405081	0.994094
cg14260630	GBA;GBA;GBA;GBA;GBA;GBA	0.00155134	0.136202
cg00754584	GBAP1	7.45E-05	0.316971
cg14528056	GBAP1	0.000550239	0.180335
cg12218542	GBAP1	0.00178812	0.000330805
cg12688265	GBAP1	0.0391118	0.450766
cg14665690	GBAP1	0.0400128	0.536849
cg20311333	GBAP1	0.0463851	0.26162
cg04023936	GBAS	0.000182964	0.106666
cg02482233	GBAS	0.000429982	0.808485
cg12927203	GBAS	0.00783594	0.00209082
cg27268717	GBAS	0.0220885	0.250137
cg13205516	GBAS	0.0375234	0.0969109
cg04989674	GBE1	0.00122957	0.109359

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Stideri Yadavilli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5277 vs. N)	Fold-Change(5277 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
qp0514531	GB1	0.00170816	0.082379	0.625563	-1.59856	0.0129968	0.471691	-1.12003	0.00471556	0.460365	-2.49772	0.125659	0.667619	-1.49786	0.0201310413	0.190367	-5.25302	0.0550199	0.588393	-1.69955	0.000349221	0.253757	-3.87952	0.116037	0.6593897	-1.51654	0.00634209	0.420478	-2.37825	0.09358	9.50171	0.83675	1
qp0514142	GB1	0.00557585	0.160613	0.771226	-1.29664	0.00133579	2.2441	2.2441	0.873805	1.02791	1.02791	0.010973	0.574891	-1.73946	0.115919	0.74366	-1.3447	0.3585056	1.178	1.1778	0.0369456	0.6570562	-1.59231	0.0222187	1.608161	0.608816	0.121889	0.747796	-1.33726	0.709763	3.377007	0.422935	1
qp0162593	GB1	0.0449053	0.597567	0.763898	-1.30908	0.0369068	3.4051	3.4051	0.107497	2.43039	2.43039	0.995335	1.55314	1.55314	0.00449809	0.147409	-6.78382	0.960968	0.975563	-1.02505	0.155779	0.4640555	-2.15492	0.739907	1.18344	1.18344	0.738655	0.844284	-1.18444	1.52691	14.2759	3.59796	1
qp0387392	GB1	1.19E-05	0.341386	0.849735	-1.17684	0.00554617	2.43933	2.4393	0.754077	1.05356	1.05356	0.903194	1.02041	1.02041	0.02655544	1.527424	-1.54723	1.98E-07	1.0721584	-13.8534	0.0462863	1.46084	1.460384	0.369382	1.165381	1.165538	0.1825345	1.262461	1.262446	38.7472	16.9132	0.3880202	1
qp0683937	GB1	0.00766916	0.00252782	0.1757822	-5.68594	0.00694774	0.235059	-4.25424	0.0589289	0.41301	-2.42125	0.678171	0.84114	-1.18866	0.0025648	0.7853648	-1.27348	0.0612113	0.417075	-2.39765	0.00266383	0.1786361	-5.59798	0.0435252	0.382016	-2.61769	0.0363177	0.3646035	-2.74269	0.4289	17.4996	2.41958	1
qp1808000	GBGT1	0.0259079	0.151892	0.71921	-1.39042	0.1212104	0.697128	-1.43446	0.179911	0.736536	-1.35771	0.564623	0.8824077	-1.13317	0.23736	1.304466	1.30446	0.4111315	0.834895	-1.19776	0.00949896	0.2024844	2.02484	0.00503477	0.4508881	-2.21788	0.0609585	1.00822	1.008222	4.31565	3.15097	0.6490003	1
qp0513259	GBGT1	0.0369329	0.0306571	0.36719	-2.72339	0.0889464	0.477013	-2.09638	0.0391787	0.389996	-2.56413	0.0622416	0.436848	-2.28912	0.0742334	0.456182	-2.19211	0.193245	0.580877	-1.72154	0.111695	0.5070997	-1.97201	0.00171745	0.1710097	-5.84463	0.31327	0.662649	-1.50909	3.79237	9.35012	2.19156	1
qp0104598	GBP1;GBP1	1.14E-05	2.20E-06	0.0854262	-11.7021	0.0289928	0.580174	-1.72362	0.00311253	0.23682	-4.22161	3.71E-05	0.585804	-1.70629	0.0014681	0.5244634	-1.90667	0.0716354	0.652612	-1.5323	5.19E-06	0.1112346	-8.98907	0.0143114	1.899824	1.89824	9.52E-05	0.228817	-4.3703	99.2478	27.9915	0.6319954	1
qp0104598	GBP1	0.000856968	0.0709783	0.725824	-1.37776	9.57E-05	0.311844	-3.01346	0.000880757	0.452927	-2.20786	0.826585	0.965745	-1.03547	0.0696901	1.38025	1.38025	0.251325	1.20972	1.20972	0.179327	1.36504	1.36504	0.0112591	0.603889	1.65593	12.2915	4.91259	0.3552564	1
qp0102219	GBP2	0.0146801	0.0839589	0.691492	-1.44615	0.392471	0.844516	-1.18411	0.0111276	0.541224	-1.84766	0.158935	0.747942	-1.337	0.000358157	0.3312293	-3.01847	0.31679	0.819031	-1.22095	0.0601493	0.6643151	-1.50531	0.4181668	0.8524955	-1.17303	0.0581428	0.6616168	-1.51145	5.217773	3.07495	0.5238447	1
qp0130989	GBP2	0.0211868	0.0373824	0.5975	-1.67353	0.0704323	0.671997	-1.4885	0.0178502	0.497224	-2.01978	0.0016661	0.7113	-1.40556	0.0013266	0.4612366	-2.16872	0.6885696	0.764514	-1.30802	0.0973327	0.29774	-3.35824	-1.39488	0.0083561	0.1057796	-9.45213	0.08681	35.8124	6.25431	1
qp0109040	GBP2	0.0432911	0.0185175	0.64851	-1.542	0.588425	0.920497	-1.08637	0.102396	0.762596	-1.31131	0.311331	0.853143	-1.17214	0.00129359	0.4912233	-2.03569	0.177908	0.804865	-1.24244	0.178326	0.8050554	-1.24105	0.0741045	0.8710645	-1.14805	0.185076	0.80806	-1.23753	3.57686	1.30251	0.3236388	1
qp0068193	GBP2	0.0187811	0.565265	0.879099	-1.13751	0.0075904	0.662024	-1.24581	0.0391583	0.642564	-1.55434	0.170539	0.673168	-1.48853	0.487374	0.8555555	-1.16883	0.839653	0.956395	-1.04581	0.0070739	0.2158576	2.158576	0.199272	1.34968	1.34968	0.1929	0.73737	-1.35617	4.805384	3.7207	0.6881811	1
qp1639542	GBP3	0.0247224	0.43706	0.837014	-1.19472	0.1862271	1.36951	1.36951	0.00221392	0.382008	-2.61774	0.20602	1.34899	1.34899	0.04913873	0.648194	1.57253	0.160035	0.714211	-1.40015	0.2427711	1.31564	1.31564	0.0572525	0.6171116	-1.62044	0.7639353	0.9346487	-1.06992	4.379418	3.48886	0.7080582	1
qp2207458	GBP3;GBP3	0.000791573	0.0113981	0.305153	-3.27705	0.105966	0.505524	-1.97814	0.0412587	0.402691	-2.48329	0.0164575	0.322272	-3.10297	0.0131578	0.306066	-3.26727	0.0155918	0.31801	-3.14456	3.61E-05	0.6461596	0.744626	-1.34296	0.000164901	0.0836572	-11.9535	52.1695	29.7126	2.10121	1
qp0482460	GBP4	0.3388617	0.5778458	0.827406	-1.20879	0.0099741	0.95379	-1.01017	0.00169805	0.153342	-6.52135	0.0219881	0.8607022	-1.08703	0.0080380386	0.1536256	-7.39232	0.7982128	0.268985	1.57919	1.57919	0.381556	0.703139	-1.42576	0.1024	0.199911	1.41684	1.416844	0.4408899	1.36427	1.36427	13.3227	4.20824	0.1991	1
qp2365602	GBP4	0.0170771	0.2747931	0.602416	-1.65998	0.0137848	3.88793	3.88793	0.000275689	0.0702093	-14.2431	0.653233	1.2235	1.2235	0.497532	0.735509	-1.3596	0.305045	0.622672	-1.60598	0.000580143	10.7364	10.7364	0.4856777	1.37161	1.37161	0.631532	1.2405	1.2405	10.0946	31.8062	2.80073	1
qp2221320	GBP4	0.00318908	0.282055	0.645412	-1.54935	0.103081	2.11406	2.11406	0.00249885	0.192971	-5.18213	0.170252	1.77191	1.77191	0.085731	0.5991011	-1.66903	0.829375	1.088	1.088	0.000328133	11.3692	11.3692	0.1144852	1.95729	1.95729	0.718008	1.15262	1.15262	8.404	20.4179	2.15959	1
qp2634607	GBP4	0.00388733	0.431411	0.39914	-1.8966	0.0480702	0.989035	-1.01017	0.00169805	0.153342	-6.52135	0.0219881	0.8607022	-1.08703	0.0080380386	0.1536256	-7.39232	0.7982128	0.268985	1.57919	1.57919	0.381556	0.703139	-1.42576	0.1024	0.199911	1.41684	1.416844	0.4408899	1.36427	1.36427	13.3227	4.20824	0.1991	1
qp2397657	GBP4	0.00547283	0.4605234	0.748425	-1.33614	0.0222684	2.87665	2.87665	0.00415535	0.227245	-4.40054	0.409941	1.38405	1.38405	0.477374	0.756815	-1.32133	0.523961	0.779517	-1.28285	0.00505092	0.13471	8.13471	0.2784884	1.54438	1.54438	0.991675	0.995984	-1.00403	7.1384	16.8177	2.09418	1
qp2092782	GBP4	0.00933722	0.5738147	0.879341	-1.13704	0.0204363	2.56795	2.56795	0.00178045	0.145724	-5.86594	0.0194997	0.8454294	-1.18317	0.00256513	0.3488	-2.86753	0.568565	0.877594	-1.13963	0.0010444	0.2139411	4.674744	-2.24705	0.0465163	0.1447318	6.910238	0.0012304	0.1328754	7.53035	0.1324	0.6041355	4.912133	0.7272743	1
qp2040995	GBP4;GBP4	0.00181076	0.569332	0.776665	-1.28756	0.0786347	2.35942	2.35942	0.00369123	0.0816317	-12.2501	0.878378	0.934916	-1.06961	0.00125856	0.1626258	-7.92027	0.564919	0.774371	-1.29137	0.00436302	5.33122	5.33122	0.3925095	1.4701	1.4701	0.0786422	0.423873	-2.3592	9.92461	30.3587	2.71905	1
qp1456196	GBP4;GBP4	0.00341759	0.2340182	0.555381	-1.79988	0.0430531	0.589398	-1.69644	0.0179501	0.498504	-2.00555	0.0010469	0.7113	-1.40556	0.0013266	0.4612366	-2.16872	0.6885696	0.764514	-1.30802	0.0973327	0.29774	-3.35824	-1.39488	0.0083561	0.1057796	-9.45213	0.08681	35.8124	6.25431	1
qp1078395	GBP5;GBP5	5.87E-05	0.0181336	0.679234	-1.47225	0.688089	0.947054	-1.05591	7.33E-05	0.378247	-2.64378	0.0968492	0.782177	-1.27848	1.88E-06	0.202875	4.92915	0.0500802	0.739967	-1.35141	0.0035883	1.70169	1.70169	0.237707	0.846428	-1.18143	0.0306609	0.71015	1.40815	25.5129	7.34219	0.255807	1
qp0003652	GBP5;GBP5	0.00286999	0.124094	0.715978	-1.39669	0.38009	0.843735	-1.19799	0.00614796	0.347094	-2.88107	0.93753	1.01585	1.01585	0.0225426	0.7655549	-1.30625	0.0028825	0.2502682	3.995	0.0001111	0.5382506	0.583425	-1.71402	0.2046434	-3.35146	0.0886916	2.11593	2.11593	0.0414095	1.97719	1.97719	0.649222	1.90209	0.1705114	0.6487277	1
qp0178497	GBP5;GBP5	0.0145802	0.0266569	0.24085	-4.15197	0.144128	0.530264	-1.88585	0.289732	0.641295	-1.55935	0.758509	0.881507	-1.13442	0.01004473	0.2688531	-3.71795	0.3247151	0.662899	-1.50853	0.4087561	0.7310637	-1.40719	0.0705551	2.26383	2.26383	0.0562224	0.417209	-2.39688	3.88044	10.0548	2.30112	1
qp0214407	GBP6	0.00161712	0.0006315	0.151709	-6.59148	0.0108625	0.595451	-1.6794	0.0409657	0.47228	-2.1428	0.0107446	0.7113	-1.40556	0.0013266	0.4612366	-2.16872	0.1892847	0.837587	-1.19391	0.0035826	0.6064421	1.648421	0.0995994	0.4090642	-2.44559	0.3509002	0.8859	1.128453	4.93953	0.2247732	1
qp2458181	GBP6	0.00024154	0.00624491	0.312351	-3.19233	0.10579	0.677209	-1.47665	0.00454702	0.295619	-3.38274	0.00049007	0.2997338	-3.33624	8.54E-05	0.2107674	4.74463	0.0105707	0.469398	-2.12804	0.554143	1.14112	1.141112	0.4841894	0.8411444	-1.18886	7.79E-05	0.2063535	-4.84179	17.4605	13.4591	0.685186	1
qp0348034	GBP6	0.00953449	0.091243	0.661182	-1.51244	0.000421632	0.288555	-3.46554	0.00163981	0.366793	-2.72633	0.311181	0.792108	-1.26245	0.232476	0.756916	-1.32115	0.0552776	0.616759	-1.62138	0.239148	0.760186	-1.31547	0.379091	0.81815	-1.22227	0.0511722	0.6102219	-1.63876	6.00126	4.7023	0.696491	1
qp0804944	GBP7	0.457301	0.13016	0.6977	-1.43316	0.0188407	0.858547	-1.0526	0.00107912	0.183885	-5.43497	0.0026	0.8010753	1.3488	1.3488	0.0297692	3.38262	0.8637661	0.731977	-1.36625	0.0108145	0.1822312	5.487837	0.0873821	0.7319072	-1.36671	0.0020206	0.494135	2.022349	2.02235	0.3078585	0.3678558	1
qp2546315	GBP7	0.00871004	0.0214731	0.281167	-3.55661	0.219463	0.683785	-1.46245	0.893171	1.04034	1.04034	0.520085	0.826146	-1.21044	0.00115934	0.260767	-3.83484	0.373071	1.3088	1.3088	0.00977692	0.382262	-2.61601	0.632908	0.867926	-1.15217	0.015495	0.41724	-2.3967	6.176515	8.47563	1.21984	1
qp0744283	GBX1	0.00466802	0.0203182	0.261585	-3.82435	0.0958314	0.553934	-1.80594	0.00194324	0.260794	-3.83628	0.0158494	0.7113	-1.40556	0.0013266	0.4612366	-2.16872	0.0041007	0.2482886	-4.02934	0.0002829	0.1768468	5.654994	-1.76957	0.0010039	-9.89713	0.0002829	0.1768468	-5.65354	0.0045686	0.0032359	0.0001726	0.0001726	0.0032359	1
qp2698586	GBX1	0.00240468	0.00478398	0.818947	-1.22108	0.00646463	1.20786	1.20786	0.729049	1.01872	1.01872	0.180428	1.07881	1.07881	0.124706	1.0927	1.0927	0.155478	0.922131	-1.08444	0.0564597	0.8912	-1.12208	0.000503698	1.33652	1.33652	0.0658058	1.1164	1.1164	9.13588	0.4116619	0.0400491	1
qp0453340	GBX1	0.002447	0.707007	0.91217	1.09125	0.7884	0.939687	-1.06418	0.901506	0.971774	-1.02905	0.656799	1.10895	1.10895	0.294119	0.777521	-1.28614	0.25576	0.760063	-1.31568	0.0141447	0.3435657	-2.91066	0.000148664	0.4153573	0.415574	0.145318	1.43538	1.43538	0.08176	0.69822	0.75286	1
qp1267695	GBX1	0.0341753	0.7125146	0.90413	1.10595	0.5305881	0.98088	-1.01965	0.0299473	0.213115	-4.69344	0.55924	1.05429	1.05429	0.3634618	0.7663258	-1.30465	0.0010687	0.2913798	3.430233	0.0065605	0.4273398	2.339233	-1.44729	0.0078125	0.1823685	5.482841	0.0027125	0.0963858	10.3315	0.3774722	1.2291	0.3228969	1
qp0643862	GBX1	0.00574672	0.248818	1.10569	1.10569	0.108161	1.1573	1.1573	0.0348673	1.22748	1.22748	0.834416	0.982704	-1.0176	0.0384087	0.818776	-1.22134	0.00456311	1.37003	1.37003	0.171639	0.8857744	-1.12896	0.000869372	1.516552	1.51652	0.07463	1.18001	1.18001	7.03204	0.7737087	0.0978014	1
qp0344953	GBX1	0.0249853	0.4899183	0.84258	-1.18645	0.0886896	1.04505	1.04505	0.00708744	0.412175	-2.42616	0.0550266	0.8437435	1.10088	1.10088	0.0009958	3.005315	0.2826774	0.732423	-1.36535	0.0001111	0.1382506	7.233333	-2.13981	0.0004685	0.0662387	15.09335	0.0001111	0.0138251	72.32333	0.0001111	0.0138251	0.0138251	72.32333	1
qp2487882	GBX1	0.00676004	0.0701354	0.634075	-1.5771	0.040025	0.586239	-1.70579	0.254528	0.765549	-1.30625	0.002825	0.523654	2.52356	0.0274576	0.1557739	6.41539	0.2046434	0.35146	-2.84596	0.0086916	2.11593	2.11593	0.0414095	1.97719	1.97719	0.649222	1.90209	0.1705114	0.6487277	1
qp2515801	GBX1	0.00842535	0.598561	0.782776	-1.2775	0.07252	2.51869	2.51869	0.6242792	0.796742	-1.25551	0.0725398	0.397063	-2.51849	0.008958778	0.2160212	-4.62937	0.6691812	0.39169	-2.55304	0.000431782	0.0767944	-13.0218	0.263419	0.584237	-1.71163	0.0687328	0.390959	-2.55781	6.24139	21.0067	2.99175	1
qp0772449	GBX1	0.0354633	0.85657	0.954128	-1.04787	0.0178456	0.584358	-1.59473	0.0013376	0.231026	-4.32908	0.0705	0.8024473	1.03562	1.03562	0.2470505	4.05051	0.1729227	0.680318	-1.46952	0.0010111	0.3094439	-3.23165	0.0019894	0.6199224	-1.61253	0.0882553	0.5390092	-1.85459	0.4149653	0.2247732	1
qp0237685	GBX1	0.0297407	0.406644	1.11507	1.11507	0.0538605	0.60016	1.60016	0.642507	0.941785	-1.06181	0.642507	0.941785	-1.06181	0.642507	0.941785	-1.06181	0.0488207	0.749381	-1.33444	0.0897153	0.796641	-1.27123	0.49318	1.0934	1.0934	0.28658	1.15256	1.15256	0.09944	1.06882	0.2317554	1
qp2309594	GBX1	0.0436132	0.2346511	0.549243	-1.82042	0.0304184	0.332408	-3.00834	0.0139127	0.306102	-3.26988	0.0182629	0.6882629	1.45361	1.45361	0.0202031333	4.93078	0.1184548	0.672116	-1.48793	0.0012312	0.1183412	8.451777	-2.03133	0.0001111	0.1382506	7.233333	-2.13981	0.0004685	0.0662387	15.09335	0.0001111	0.0138251	72.32333	1
qp1974279	GBX2	2.12E-07	0.0172353	0.500484	-1.99807	0.713609	0.915823	-1.09191	2.57E-06	15.0098	15.0098	0.174392	1.41149	1.41149	0.000522687	0.275271	-3.63278	0.1729227	0.680318	-1.46952	0.0010111	0.3094439	-3.23165	0.0019894	0.6199224	-1.61253	0.0882553	0.5390092	-1.85459	0.4149653	0.2247732	1
qp0681167	GBX2	1.74E-06	0.301587	0.693305	-1.44227	0.164645	0.904893	-1.07984	0.0014205	0.208657	-4.79281	0.0014205	0.208657	0.2043	0.2043	0.9105408	1.098	0.2570473	0.687038	-1.45552	0.0010111	0.3094439	-3.23165	0.0019894	0.6199224	-1.61253	0.0882553	0.5390092	-1.85459	0.4149653	0.2247732	1
qp0876728	GBX2	0.001066	0.557427	0.81121	-1.13512	0.00749815	2.0859	2.0859	0.00445955	0.259125	-3.86274	0.00049007	0.2997338	-3.33624	8.54E-05	0.2107674	4.74463	0.8163318	0.05096	-1.96253	0.0001111	0.1382506	7.233333	-2.13981	0.0004685	0.0662387	15.09335	0.0001111	0.0138251	72.32333	0.0001111	0.0138251	0.0138251	72.32333	1
qp0302895	GBX2	0.00474894	0.159884	1.20846	1.20846	0.495031	1.09129	1.09129	0.024062	1.40394	1.40394	0.742115	0.959221	-1.04251	0.332828	1.13424	1.13424	0.988609	1.0018	1.0018	0.0021657	1.72064	1.72064	0.000171	2.23772	2.23772	0.0408563	1.34666	1.34666	7.45474	1.87698	0.223807	1
qp0743370	GBX2	0.0123115	0.0637792	0.5144	-1.94391	0.0305745	1.46655	1.46655	0.364215	0.868912	-1.15086	0.40086	1.13836	1.13836	0.315997	0.855362	-1.1691	0.0238163	0.734796	-1.36125	0.0183664	0.509542	-1.96255	0.719158	1.07579	1.07579	0.0299006	1.67665	1.67665	15.5273	3.5188	0.576031	1
qp0389587	GBX2	0.0383384	0.386477	1.14315	1.14315	0.030574	1.46655	1.46655	0.364215	0.868912	-1.15086	0.40086	1.13836	1.13836	0.315997	0.855362	-1.1691	0.0197477	1.22789	1.22789	0.0251928	0.669539	-1.49357	0.0662051	1.36414	1.36414	0.0243957	1.49811	1.49811	3.74098	1.34553	0.319709	1
qp2480842	GC	4.41E-05	8.00E-07	0.0971677	-10.2915	0.000397923	0.370237	-2.70066	0.000288546	0.332537	-3.60542	0.00718	0.6231185	1.31712	0.0675	0.3914524	2.55029	0.0002742	0.1798224	5.559208	0.0041846	0.5087223	1.965351	0.0004096	0.2482886	-4.02934	0.0002829	0.1768468	-5.65354	0.0045686	0.0032359	0.0001726	0.0001726	0.0032359	1
qp0836180	GC	1.36E-06	0.2061693	0.732127	1.22206	0.46067	1.46067	1.46067	0.0382787	0.316313	-3.16142	0.0566599	0.528915	-1.89066	0.388769	0.7999	-1.25027	0.0597117	0.434465	-2.30168	0.0625773	0.4394622	-2.27551	0.352388	0.686975	-1.45566	0.15057	0.546345	-1.83035	5.840558	14.2387	2.16701	1
qp0344953	GC	0.0249853	0.4899183	0.84258	-1.18645	0.0886896	1.04505	1.04505	0.00708744	0.412175	-2.42616	0.0550266	0.8437435	1.10088	1.10088	0.0009958	3.005315	0.2826774	0.732423	-1.36535	0.0001111	0.1382506	7.233333	-2.13981	0.0004685	0.0662387	15.09335	0.0001111	0.0138251	72.32333	0.0001111	0.0138251	0.0138251	72.32333	1
qp2204364	GC	0.00323687	0.469994	0.83714	-1.19454	0.0138713	0.479357	-2.08613	0.462359	1.19835	1.19835	0.00503713	0.245264	2.45264	0.0893778	0.157153	6.37513	0.0142739	0.48149	-2.07684	0.0049954	0.3955593	-2.52785	0.009182	0.222565	2.22565	0.274919	1.31617	1.31617	3.66385	7.75091	0.823453	1
qp0642668	GCA	0.0129472	0.135631	0.737892	-1.35521	0.485927	0.874754	-1.14318	0.00710927	1.92934	1.92934	0.392564	0.847439	-1.18003	0.0443417	0.646288	-1.5473	0.703787	0.930349	-1.07487	0.00324334	0.4682337	-2.13567	0.706478	1.07412	1.07412	0.0592168	1.49564	1.49564	5.43736	3.07598	0.502855	1
qp0744370	GCA	0.0146571	0.594368	0.859155	-1.16401	0.0238563	0.745148	-1.34211	0.0010519	0.140362	-7.12352	0.0010519	0.140362	-7.12352	0.0010519	0.140362	-7.12352	0.0202735	1.18179	1.18179	0.0631581	0.70823	-1.41197	0.344775	0.8522602	1.17285	0.0436965	0.6619065	-1.51079	2.52613	2.52611	0.377918	1
qp0549127	GCA;GCA	0.00019017	0.469683	0.946913	-1.05606	0.0849717	0.771941	-1.28302	0.545451	1.04644	1.04644	2.06E-06	0.420121	2.38027	0.00893299	1.27989	1.27989	0.040565	0.839068	-1.1918	0.043565	0.938538	-1.06549	0.0554984	0.851274	-1.17471	0.91696	0.992292	-1.00777	20.2678	1.76699	0.0774955	1
qp1728332	GCA	0.00722004	0.00196437	0.41252	-2.42417	0.1920272	0.756207	-1.32239	0.0013665	0.201855	0.761302	-1.313154	0.000505026	0.3323325	-3.0091	-1.08831	0.2018576	0.7613302	-1.313154	0.000505026	0.3323325	-3.0091	0.0363556	0.611174	-1.6362	0.363328	0.1208742	0.8242	0.6992042	0.9222132	-1.08444	0.8837659	0.5790331	-1.72662	0.5515524	2.4497	1
qp1387677	GCAT	0.0112395	?	?	?	?	?	0.0014449	13.1031	13.1031	?	?	?	?	?	?	?	?	?	?	0.10172	2.59943	2.59943	0.0566169	3.17984	3.17984	0.491482	1.4452	1.4452	7.51587	14.3158	3.33331	1
qp0990887	GCAT	0.0135763	0.614924	0.877462	-1.11965	0.000428356	0.212295	-4.71043	0.527255	1.17963	1.17963	?	?	?	0.0814734	0.603449	-1.65714	?	?	?	0.953699	0.985166	-1.01506	0.996296	0.998806	-1.0012	0.652424	0.88975	-1.12391	6.268552	5.00789	0.798895	1
qp1546748	GCAT	0.0184264	0.0229193	0.261585	-3.82435	0.0958314	0.553934	-1.80594	0.00194324	0.260794	-3.83628	0.0158494	0.7113	-1.40556	0.0013266	0.4612366	-2.16872	0.0041007	0.2482886	-4.02934	0.0002829	0.1768468	5.654994	-1.76957	0.0010039	-9.89713	0.0002829	0.1768468	-5.65354	0.0045686	0.0032359	0.0001726	0.0001726	0.0032359	1
qp0861295	GCAT	0.0240981	0.1184931	0.683795	-1.46243	0.0193225	0.975605	-1.025	0.121474	0.686281	-1.45713	0.00185982	0.371517	-2.69167	0.00595098	0.446641	-2.23994	0.344021	0.80367	-1.24429	0.316938	0.792959	-1.2611	0.1840461	1.37161	1.37161	0.623237	0.894912	-1.11743	4.431616	3.53432	0.707847	1
qp1598164	GCAT	0.0270051	0.686311	1.08163	1.08163	0.0855327	1.76765	1.76765	0.304418	0.881443	-1.13459	0.0162178	0.562072	-1.77938	0.0158513	0.3967705	-2.52035	0.1746424	1.12617	1.12617	0.2134704	0.7445543	0.4444	2.24323	0.0029498	0.5302124	-1.88603	0.6683	0.1949039	1.2167	1.21167	0.4243818	1.2167	0.2748882	1
qp1604880	GCAT	0.0282953	0.00108283	0.349185	-2.86381	0.161707	1.38527	1.38527	0.232603	1.31381	1.31381	0.450925	1.18237	1.18237	0.1030436	1.21158	1.21158	0.9467383	1.01466	1.01466	0.3565538	0.831371	-1.22975	0.1609777	1.37894	1.37894	0.126249

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg01199721	GCN1L1	0.0451452	0.624264
cg14104172	GCNT1;GCNT1;GCNT1	0.0150998	0.0305957
cg13715401	GCNT1;GCNT1;GCNT1;GCNT1;GCNT1	0.00108863	0.22584
cg08382072	GCNT2	0.000102958	0.0104022
cg22187251	GCNT2	0.00407421	0.0236064
cg09195098	GCNT2	0.00616378	0.660751
cg14112601	GCNT2	0.00953901	0.00694375
cg22378252	GCNT2	0.0137341	0.0306408
cg26385286	GCNT2	0.0143824	0.0469472
cg13411789	GCNT2	0.0254001	0.336221
cg11124956	GCNT2	0.0351139	0.150935
cg24690479	GCNT2	0.0401841	0.25518
cg19657351	GCNT2	0.048063	0.750901
cg01485547	GCNT2;GCNT2	0.00456338	0.324605
cg12199321	GCNT2;GCNT2	0.0295294	0.125462
cg08027484	GCNT2;GCNT2;GCNT2	0.0108054	0.037922
cg12695465	GCNT2;GCNT2;GCNT2	0.0265464	0.0747386
cg07264048	GCNT2;GCNT2;GCNT2	0.0404298	0.246431
cg27568885	GCNT3	7.26E-05	0.13123
cg00437411	GCNT3	0.00720291	0.920132
cg01247856	GCNT3	0.0147837	0.0813893
cg11020468	GCNT3	0.0182962	0.293822
cg25311764	GCNT3	0.0254833	0.0295836
cg06817269	GCNT3	0.0402691	0.321341
cg02073465	GCNT3;GCNT3	0.000149204	0.565125
cg11743470	GCNT4	0.00626938	0.0254672
cg26105558	GCNT7	0.0024442	0.00942009
cg16293817	GCNT7	0.00388018	0.166227
cg07133741	GCNT7	0.00468796	0.206538
cg02089745	GCNT7;C20orf106	1.39E-05	0.623046
cg18377512	GCNT7;C20orf106	0.000127116	0.000307161
cg06258936	GCNT7;C20orf106	0.00035763	0.142989
cg06910257	GCNT7;C20orf106	0.000912472	0.506385
cg12017805	GCNT7;C20orf106	0.018785	0.949183
cg17696756	GCNT7;C20orf106	0.0215306	0.275826
cg13743789	GCNT7;C20orf106;C20orf106	0.000220061	0.0117343
cg07640959	GCNT7;GCNT7;C20orf106	0.00622976	0.00215683
cg18444479	GCOM1;GCOM1	0.0248594	0.279477
cg23905817	GCOM1;GCOM1;GCOM1;GCOM1	0.00023485	0.0742648
cg20043937	GCOM1;GCOM1;GCOM1;GCOM1	0.00347703	0.0366333
cg26897313	GCOM1;GCOM1;GCOM1;GCOM1	0.00835467	0.0131345
cg19940183	GCOM1;GCOM1;GCOM1;GCOM1	0.00863637	0.153241
cg18329780	GCOM1;GCOM1;GCOM1;GCOM1	0.0337173	0.113858
cg17360745	GCOM1;GCOM1;GCOM1;GCOM1	0.0468881	0.294029
cg05989312	GCOM1;GCOM1;GCOM1;GCOM1	0.0492342	0.0245624
cg02704931	GCOM1;GRINL1A;GRINL1A;GCOM1;GRINL1A	0.00167596	0.444299
cg09898978	GCOM1;GRINL1A;GRINL1A;GCOM1;GRINL1A	0.0212515	0.0159161
cg07768763	GCSH;GCSH	4.24E-06	5.26E-06
cg08529259	GCSH;GCSH;LOC100329108	0.0118811	0.374057
cg27227377	GCSH;GCSH;LOC100329108	0.0324413	0.507205
cg08557876	GCSH;LOC100329108;GCSH	0.0420097	0.110744
cg13691599	GDA	0.000268376	0.000974501
cg18286698	GDA	0.0125178	0.954867
cg12868707	GDAP1;GDAP1	0.00743166	0.0156863
cg03753642	GDAP1;GDAP1	0.0147251	0.634906
cg24421504	GDAP1;GDAP1	0.0417506	0.0286932
cg25799864	GDAP1L1	0.000226171	0.19092
cg07003360	GDAP1L1	0.000495445	0.913131
cg00156569	GDAP1L1	0.0351519	0.0403466
cg07503286	GDAP1L1	0.0356268	0.0299692
cg09994356	GDAP1L1	0.0405032	0.795821
cg12989128	GDAP1L1;GDAP1L1	0.0188656	0.309221
cg26819193	GDAP2	0.0206883	0.199537
cg12069446	GDAP2;GDAP2	0.0135744	0.470207
cg12644072	GDAP2;GDAP2	0.0248145	0.310227
cg10203869	GDAP2;GDAP2	0.033663	0.0122539
cg01778345	GDAP2;GDAP2	0.047837	0.243892
cg14787290	GDAP2;GDAP2;WDR3	0.000325463	0.291614
cg18185393	GDAP2;GDAP2;WDR3	0.0292418	0.0360943
cg15080701	GDAP2;GDAP2;WDR3	0.0436148	0.158942
cg27580091	GDE1	0.000799094	0.355935
cg24474998	GDE1	0.0357734	0.611959
cg27259633	GDE1;CP110	0.000429879	0.000272056
cg01137737	GDE1;GDE1	0.0110729	0.504218
cg22993358	GDEP	0.00305601	0.14149
cg02255004	GDEP	0.00689461	0.987991
cg24703157	GDF10	0.0100438	0.322017
cg05880248	GDF10	0.01152	0.0170064
cg02974931	GDF10	0.0142245	0.402639
cg00414835	GDF10	0.0144892	0.953589
cg14588178	GDF10	0.0315437	0.608254
cg14688628	GDF11	0.000326356	0.13384
cg15932716	GDF11	0.0189915	0.550675
cg11151544	GDF11	0.0299401	0.325641
cg00344358	GDF11	0.0429217	0.237567
cg14213160	GDF15	1.59E-06	0.436308
cg16929104	GDF15	0.0006096	0.00162509
cg03207391	GDF15	0.00233622	0.0947504
cg09538452	GDF15	0.00632479	0.00784302
cg21088460	GDF15	0.00766273	0.853389
cg12008047	GDF15	0.00903701	0.349824
cg02780743	GDF15	0.0127398	0.122112
cg16008327	GDF15	0.0233287	0.29858
cg19479654	GDF15	0.0362914	0.475514
cg08162780	GDF15	0.0400762	0.808096
cg21211585	GDF15;GDF15	0.00661466	0.144396
cg21526172	GDF1;LASS1	0.00417457	0.620623
cg19761304	GDF1;LASS1	0.0212152	0.571214
cg24822053	GDF1;LASS1	0.0261629	0.0406337
cg22388812	GDF1;LASS1	0.0288344	0.0208853
cg15460046	GDF1;LASS1;LASS1	0.0011991	0.286669
cg04384638	GDF1;LASS1;LASS1	0.00228887	0.0258698
cg03351460	GDF1;LASS1;LASS1	0.0055203	0.665092
cg10556682	GDF1;LASS1;LASS1	0.0220574	0.69979
cg27640020	GDF1;LASS1;LASS1	0.0333531	0.491303
cg05166684	GDF2	7.77E-05	0.525444
cg03734323	GDF2	0.000644362	0.149775
cg00350920	GDF2	0.000693686	0.389443
cg00321775	GDF2	0.00140992	0.408975
cg16915540	GDF2	0.0051157	0.563034
cg00495658	GDF2	0.0195391	0.00222408
cg15247509	GDF2	0.0207359	0.309367
cg06840491	GDF2	0.0247522	0.502305
cg21115977	GDF2	0.0415975	0.0357749
cg05441133	GDF2	0.0478172	0.0785748
cg25044701	GDF3	2.62E-05	0.0721011
cg18607010	GDF3	0.00868219	0.258762
cg07378350	GDF5	0.0226622	0.120656
cg10314572	GDF5	0.0259927	0.300164
cg03547924	GDF5;GDF5	0.0014577	0.262017
cg14947478	GDF5;GDF5	0.01342	0.414022
cg04365123	GDF6	1.58E-05	0.0269575
cg19939997	GDF6	0.000191921	0.96509
cg09730795	GDF6	0.000724382	0.103642
cg18214379	GDF6	0.000734204	0.248395
cg18902541	GDF6	0.00108834	0.859271
cg05447833	GDF6	0.00289977	0.23613
cg16574871	GDF6	0.00374006	0.0742252
cg03734437	GDF6	0.00473619	0.270378
cg17765892	GDF6	0.00541186	0.778282
cg11738701	GDF6	0.00701993	0.0179991
cg18533201	GDF6	0.00823263	0.0509683
cg17820365	GDF6	0.010266	0.0347501
cg12156944	GDF6	0.0154986	0.284952
cg03224572	GDF6	0.0166971	0.29666
cg26550710	GDF6	0.0192378	0.0679093
cg07046818	GDF6	0.0200412	0.0304268
cg15006881	GDF6	0.0241373	0.302961
cg21859781	GDF6	0.0252145	0.270753
cg01673674	GDF6	0.0333856	0.100781

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19691778	GDF6	0.0346853	0.0582242	7.07985	7.07985	0.110447	4.90653	4.90653	0.270542	0.350289	-2.85479	0.213401	0.301769	-3.3138	0.0261446	11.1666	11.1666
cg00394180	GDF6	0.0351553	0.0154491	9.13031	9.13031	0.213353	2.65208	2.65208	0.675259	0.730808	-1.36835	0.211163	0.375114	-2.66585	0.0162425	8.91574	8.91574
cg09164580	GDF6	0.0366245	0.0762426	4.36215	4.36215	0.0594861	4.89592	4.89592	0.23535	0.395063	-2.53124	0.732757	0.774189	-1.29167	0.0184494	8.45253	8.45253
cg08381274	GDF6	0.0380871	0.330371	2.08723	2.08723	0.358469	1.99727	1.99727	0.156674	0.329608	-3.03391	0.958817	1.03856	1.03856	0.941371	1.05536	1.05536
cg05690644	GDF6	0.0423533	0.141681	3.62487	3.62487	0.120536	3.94455	3.94455	0.0967839	0.226346	-4.41802	0.274899	0.396207	-2.52393	0.0676799	5.30249	5.30249
cg10133465	GDF6	0.0444489	0.040408	6.48118	6.48118	0.354562	2.121	2.121	0.596171	0.655601	-1.52532	0.126026	0.270666	-3.69459	0.0159525	10.2737	10.2737
cg19113641	GDF7	0.000635344	0.0024021	0.519298	-1.92568	0.886289	1.02122	1.02122	0.854243	1.02735	1.02735	0.0576336	0.725338	-1.37867	0.00020179	0.3684	-2.71444
cg21039778	GDF7	0.00101974	1.16E-05	0.021949	-45.5602	0.361944	0.680541	-1.46942	0.940531	1.03112	1.03112	0.606894	0.808035	-1.23757	0.774364	1.1253	1.1253
cg07966910	GDF7	0.00289407	0.0313644	0.587183	-1.70305	0.930584	0.981797	-1.01854	0.425429	1.18723	1.18723	0.574106	0.887154	-1.1272	0.0879239	0.672259	-1.48752
cg05899618	GDF7	0.00420963	8.95E-05	4.32672	4.32672	0.862891	1.03678	1.03678	0.385047	1.20452	1.20452	0.936279	0.983432	-1.01685	0.21312	0.760364	-1.31516
cg07789367	GDF7	0.00433942	0.258718	0.683043	-1.46404	0.388482	0.751331	-1.33097	0.00889892	0.340696	-2.93517	0.465756	0.78653	-1.27141	0.000219781	0.136414	-7.33063
cg10687131	GDF7	0.00449155	0.863266	1.04282	1.04282	0.745185	1.08256	1.08256	0.0381846	0.557435	-1.79393	0.0101302	2.20126	2.20126	0.094278	1.56432	1.56432
cg27141850	GDF7	0.0131563	0.00787357	0.259342	-3.85591	0.279022	1.56132	1.56132	0.0186293	0.323331	-3.09281	0.0875332	2.10986	2.10986	0.0662705	2.26017	2.26017
cg18552861	GDF7	0.028388	0.00397289	11.5995	11.5995	0.617123	0.737652	-1.35565	0.656443	0.76322	-1.31024	0.0321049	0.211796	-4.72152	0.28887	1.94964	1.94964
cg14780466	GDF7	0.0289296	0.165494	3.55399	3.55399	0.560635	0.603855	-1.65603	0.629424	0.659134	-1.51714	0.0600183	6.16465	6.16465	0.0694171	5.70425	5.70425
cg22311533	GDF9	0.00317636	0.00649472	1.41554	1.41554	0.273585	1.11842	1.11842	0.36208	0.912083	-1.09639	0.781532	1.02769	1.02769	0.0465969	1.25089	1.25089
cg09047881	GDF9	0.0105119	0.00174382	0.469158	-2.13148	0.0484838	0.682346	-1.46553	0.162578	0.776639	-1.2876	0.00388965	0.517275	-1.93321	0.0507714	0.685666	-1.45844
cg27099455	GDF9;UQCRQ	0.0128369	0.0400257	0.666821	-1.49965	0.531203	1.11439	1.11439	0.000854721	2.35226	2.35226	0.136457	1.31515	1.31515	0.539599	0.899385	-1.11187
cg17446142	GDF9;UQCRQ	0.0376882	0.231533	0.636877	-1.57016	0.11946	0.544729	-1.83578	0.0653969	0.475397	-2.1035	0.131464	1.79579	1.79579	0.00228302	0.215732	-4.63538
cg17317391	GDF9;UQCRQ	0.0487015	0.453617	0.700457	-1.42764	0.00434248	0.169062	-5.91499	0.022086	0.278018	-3.59689	0.1201	2.19543	2.19543	0.143678	0.4806	-2.08073
cg26791349	GDI1	0.0018876	0.0916024	1.48677	1.48677	0.00183878	2.57176	2.57176	0.517957	0.86941	-1.15021	0.359766	1.22267	1.22267	0.000208673	0.265847	-3.76156
cg11860160	GDI1	0.0270947	0.399065	0.739881	-1.35157	0.122409	0.557575	-1.79348	0.219951	0.637574	-1.56845	0.145085	1.72642	1.72642	0.0162629	0.358638	-2.78833
cg19533991	GDI1;FAM50A	0.000794277	0.247047	1.41257	1.41257	0.000663018	0.225913	-4.42649	0.00144591	0.268814	-3.72004	0.43395	0.796246	-1.25589	6.32E-05	0.122296	-8.17685
cg27407423	GDI2;GDI2	0.00800975	0.00195229	0.289411	-3.4553	0.330215	0.752445	-1.329	0.679667	0.889106	-1.12473	0.974596	1.00905	1.00905	0.0106827	0.403153	-2.48045
cg25141642	GDI2;GDI2	0.00852046	0.0454344	0.402399	-2.4851	0.0183437	0.321268	-3.11267	0.730074	1.1473	1.1473	0.166218	0.556715	-1.79625	0.000499951	0.115315	-8.67189
cg05049096	GDI2;GDI2	0.0140788	0.0579767	0.786134	-1.27205	0.028368	0.747853	-1.33716	0.49516	1.08087	1.08087	0.365619	0.900894	-1.11001	0.0146215	0.713499	-1.40154
cg04439218	GDNF	0.00325992	0.0795546	0.686201	-1.4573	0.882729	0.97184	-1.02898	0.397684	1.18245	1.18245	0.0303	1.63691	1.63691	0.98244	1.00427	1.00427
cg25602684	GDNF	0.00327826	0.340238	1.34705	1.34705	0.000162976	0.119446	-8.37198	0.511759	0.81774	-1.22288	0.0280461	0.447575	-2.23426	0.407092	1.29273	1.29273
cg01043865	GDNF	0.0106894	0.446802	0.852604	-1.17288	0.583366	1.12065	1.12065	0.0477755	0.627856	-1.59272	0.610426	1.11145	1.11145	0.850798	0.962016	-1.03948
cg14590843	GDNF	0.0127026	0.249338	0.826041	-1.21059	0.00268185	1.9323	1.9323	0.0620136	1.3959	1.3959	0.347814	1.16583	1.16583	0.060443	0.714572	-1.39944
cg26295057	GDNF	0.0151478	0.800975	0.94528	-1.05789	0.552615	0.874732	-1.14321	0.344582	0.805022	-1.2422	0.823108	1.05115	1.05115	0.430656	0.835937	-1.19626
cg01107142	GDNF	0.0170438	0.519363	0.867532	-1.1527	0.909992	0.975697	-1.02491	0.36876	0.818047	-1.22242	0.608656	1.1189	1.1189	0.341649	0.808021	-1.23759
cg02328239	GDNF	0.0208049	0.480203	0.722314	-1.38444	0.245915	1.73337	1.73337	0.397156	0.675034	-1.48141	0.819407	0.901535	-1.10922	0.622302	0.798471	-1.25239
cg02450613	GDNF	0.0238928	0.14775	0.739019	-1.35315	0.931387	1.01691	1.01691	0.21456	1.28974	1.28974	0.925599	0.981976	-1.01836	0.0435673	0.636419	-1.57129
cg05462359	GDNF	0.023919	0.51482	1.16613	1.16613	0.0940707	0.651588	-1.53471	0.0795416	0.635828	-1.57275	0.42833	1.20702	1.20702	0.179752	1.3931	1.3931
cg05730365	GDNF	0.032333	?	?	?	0.234599	1.40075	1.40075	0.171015	0.671312	-1.48962	0.00347405	3.65651	3.65651	0.0889042	1.69165	1.69165
cg12930882	GDNF;GDNF;GDNF	0.00530667	0.807289	1.05799	1.05799	0.027098	1.82845	1.82845	0.0201187	0.523797	-1.90914	0.331619	1.2599	1.2599	0.00682137	0.445577	-2.24428
cg05330056	GDNF;GDNF;GDNF	0.0293878	0.00757494	0.180756	-5.53232	0.0202324	0.247982	-4.03256	0.00642001	0.171085	-5.84504	0.204516	0.513374	-1.9479	0.0134678	0.217947	-4.58827
cg22318878	GDPD1;GDPD1	0.0104938	0.113509	1.52391	1.52391	0.953786	0.985922	-1.01428	0.121544	0.663234	-1.50776	0.575341	1.1485	1.1485	0.00226536	0.351715	-2.84321
cg20942990	GDPD1;GDPD1;GDPD1	0.000224116	0.00156178	0.510843	-1.95755	0.738109	1.05084	1.05084	0.259774	1.18971	1.18971	0.133054	0.78704	-1.27058	0.242219	1.19825	1.19825
cg06071746	GDPD1;GDPD1;GDPD1	0.00801197	0.981662	0.9948	-1.00523	0.00132619	0.346788	-2.8836	0.0918401	0.656404	-1.52345	0.418902	1.20604	1.20604	0.0284608	0.556269	-1.79769
cg06598597	GDPD1;GDPD1;GDPD1	0.0100699	0.590578	0.921425	-1.08528	0.128765	1.28063	1.28063	0.00206406	1.92286	1.92286	0.748677	0.952721	-1.04963	0.0217974	0.660463	-1.51409
cg24171114	GDPD1;GDPD1;GDPD1	0.0234776	0.255401	0.772329	-1.29479	0.494081	1.16311	1.16311	0.120709	1.44221	1.44221	0.969171	0.991627	-1.00844	0.010846	0.49853	-2.0059
cg25105901	GDPD1;GDPD1;GDPD1	0.0262448	0.0411453	0.453748	-2.20386	0.580512	0.829268	-1.20588	0.592956	1.19838	1.19838	0.667777	1.15583	1.15583	0.349589	0.724018	-1.38118
cg06382786	GDPD1;GDPD1;GDPD1	0.0268395	?	?	?	0.325779	1.27201	1.27201	0.0110843	0.46987	-2.12825	0.376105	0.806224	-1.24035	0.00219268	0.361128	-2.7691
cg06655504	GDPD1;GDPD1;GDPD1	0.0334444	0.351626	1.21773	1.21773	0.245336	1.28367	1.28367	0.0256913	1.72381	1.72381	0.0207205	1.77239	1.77239	0.256395	1.27565	1.27565
cg11861581	GDPD2;GDPD2;GDPD2;GDPD2	0.000617661	0.822542	1.04782	1.04782	0.000383984	0.307711	-3.2498	0.000124673	0.248935	-4.01712	0.360589	1.21587	1.21587	0.000474186	0.319348	-3.13138
cg13545850	GDPD2;GDPD2;GDPD2;GDPD2	0.00980434	0.412417	1.26692	1.26692	0.0268054	0.476842	-2.09713	0.161094	0.65536	-1.52588	0.0580539	0.546178	-1.83091	0.000762023	0.236918	-4.22087
cg25685838	GDPD2;GDPD2;GDPD2;GDPD2	0.0263451	0.131662	2.08842	2.08842	0.362395	0.65467	-1.52749	0.505216	0.736427	-1.35791	0.916141	0.953456	-1.04882	0.186461	0.530589	-1.8847
cg03512439	GDPD2;GDPD2;GDPD2;GDPD2	0.0332744	0.0781583	0.399535	-2.50291	0.0040321	0.163528	-6.11516	0.020523	0.270246	-3.70033	0.474158	0.710892	-1.40668	0.016493	0.253245	-3.94875
cg02124085	GDPD2;GDPD2;GDPD2;GDPD2	0.0479988	0.0440374	0.394478	-2.535	0.101393	0.486251	-2.05655	0.117066	0.504394	-1.98258	0.610946	0.813634	-1.22905	0.03808	0.380413	-2.62872
cg01617018	GDPD3	0.0118318	0.356466	1.27296	1.27296	0.0060668	2.48897	2.48897	0.00605594	0.401649	-2.48974	0.0217368	2.01577	2.01577	0.871364	0.959602	-1.0421
cg04833731	GDPD3;GDPD3;LOC100271831	0.0268276	0.0455171	2.18024	2.18024	0.0039189	3.74146	3.74146	0.0153816	2.7478	2.7478	0.260371	1.49031	1.49031	0.144745	0.58723	-1.70291
cg08047629	GDPD3;LOC100271831	0.0260323	0.0154445	0.639009	-1.56492	0.82435	0.967053	-1.03407	0.109511	0.768768	-1.30078	0.0863785	0.751631	-1.33044	0.0863946	0.751645	-1.33042
cg07200608	GDPD4	0.000843376	0.0230624	0.694401	-1.44009	0.000636383	0.49458	-2.02192	0.00541739	0.611897	-1.63426	0.000839157	0.509541	-1.96255	0.000345578	0.461749	-2.16568
cg24094848	GDPD4	0.00370763	0.795377	1.05085	1.05085	0.056677	0.662537	-1.50935	0.00577111	0.501426	-1.99431	0.0613231	1.49531	1.49531	0.44242	1.16121	1.16121
cg13002506	GDPD4	0.00480394	0.0384902	0.361743	-2.7644	0.56085	0.779267	-1.28326	0.147576	0.51738	-1.93282	0.0435032	0.373604	-2.67663	0.00179817	0.152084	-6.57531
cg04801779	GDPD4	0.0372808	0.409053	0.524395	-1.90696	0.236166	0.387124	-2.58315	0.0232888	0.125822	-7.94771	0.233409	0.384752	-2.59907	0.0183279	0.112086	-8.92175
cg08268692	GDPD4	0.0401864	0.198653	0.527606	-1.89535	0.148408	0.482061	-2.07443	0.0837035	0.40615	-2.46214	0.132726	0.465986	-2.14599	0.0210947	0.271001	-3.69002
cg12318269	GDPD5	0.000135403	0.179815	0.748753	-1.33555	0.750936	1.06681	1.06681	0.148381	1.37009	1.37009	0.000740457	0.353211	-2.83117	2.82E-06	0.10239	-9.76659
cg15526825	GDPD5	0.0138231	0.699604	0.899223	-1.11207	0.00569658	2.70042	2.70042	0.733031	0.910464	-1.09834	0.264415	1.37532	1.37532	0.00185705	0.298171	-3.35378
cg16874185	GDPD5	0.0261506	0.162971	0.809389	-1.2355	0.514634	1.09838	1.09838	0.056756	0.736232	-1.35827	0.0699789	0.749981	-1.33337	0.0351105	0.705688	-1.41706
cg24103837	GDPD5	0.0274695	0.111097	1.30239	1.30239	0.442241	0.887577	-1.12666	0.00289916	1.86487	1.86487	0.00505976	1.75799	1.75799	0.709174	0.94457	-1.05868
cg20258039	GDPD5	0.0410062	0.0138255	0.398421	-2.50991	0.213223	1.48658	1.48658	0.0141862	0.400418	-2.49739	0.0451334	0.498942	-2.00424	0.135796	0.614947	-1.62616
cg02432528	GDPD5	0.0440444	0.461696	1.25258	1.25258	0.227042	0.683063	-1.46399	0.0183116	2.36439	2.36439	0.0928025	0.573595	-1.74339	0.131134	0.612702	-1.63212
cg03630215	GDPD5	0.0457797	0.787941	1.05747	1.05747	0.101269	0.689435	-1.45046	0.090727	1.47143	1.47143	0.223282	0.767055	-1.30369	0.0316954	0.593361	-1.68531
cg05064990	GDPD5	0.0473861	0.474766	1.19144	1.19144	0.922789	0.976909	-1.02364	0.214435	1.3702	1.3702	0.0283257	1.86603	1.86603	0.0893389	0.636719	-1.57055
cg09120267	GEFT;GEFT	0.0141293	0.0502725	0.505312	-1.97897	0.566705	1.19378	1.19378	0.615099	1.16773	1.16773	0.597824	0.84974	-1.17683	0.00618009	0.335469	-2.9809
cg22617406	GEFT;GEFT	0.0153241	0.266666	0.706373	-1.41568	0.124577	1.64781	1.64781	0.00781318	2.78874	2.78874	0.732587	1.10851	1.10851	0.975843	0.990946	-1.00914
cg06556702	GEFT;GEFT	0.0291636	0.221531	0.54643	-1.83006	0.0287026	3.3657	3.3657	0.114618	2.24128	2.24128	0.410012	1.48627	1.48627	0.0194851	0.264972	-3.77399
cg02364642	GEFT;GEFT	0.0369886	0.112674	0.631668	-1.58311	0.292947	0.748075	-1.33677	0.0170298	2.16837	2.16837	0.535556	1.18165	1.18165	0.191295	0.692066	-1.44495
cg15409097	GEFT;GEFT	0.0379132	0.033745	10.2613	10.2613	0.0366407	9.77913	9.77913	0.267039	2.96203	2.96203	0.301699	2.73143	2.73143	0.471447	1.98953	1.98953
cg03309176	GEFT;GEFT	0.0383601	0.115459	2.86114	2.86114	0.08908	3.16411	3.16411	0.0223733	5.37137	5.37137	0.0408043	4.26527	4.26527	0.95021	0.962366	-1.03911
cg00331508	GEFT;GEFT;GEFT	0.0155473	0.00670327	5.04973	5.04973	0.0542455	2.73446	2.73446	0.0221177	3.53791	3.53791	0.0112343	4.31768	4.31768	0.461603	0.70813	-1.41217
cg07306755	GEM;GEM	0.00156199	0.0623111	1.52257	1.52257	0.00419347	2.1564	2.1564	0.0029159	2.26929	2.26929	0.000920649	2.69641	2.69641	0.171878	0.747234	-1.33827
cg00560584	GEM;GEM	0.005393	0.000457351	0.464048	-2.15495	0.0591332	1.34504	1.34504	0.0681762	1.32857	1.32857	0.857163	1.02538	1.02538	0.993592	0.998883	-1.00112
cg26427135	GEM;GEM	0.00801818	0.0172469	2.49289	2.49289	0.828099	0.933824	-1.07087	0.213053	1.51116	1.51116	0.816586	0.929462	-1.07589	0.22983	1.48689	1.48689
cg22885024	GEM;GEM	0.011091	0.184782	0.672254	-1.48753	0.0019118	3.45906	3.45906	0.733497	0.908019	-1.1013	0.622252	1.15051	1.15051	0.00578299	0.36028	-2.77562
cg17777228	GEMIN4	0.0266049	0.395284	0.719323	-1.3902	0.367924	1.41902	1.41902	0.246346	0.632072	-1.5821	0.0741922	0.471012	-2.12309	0.00139678	0.173447	-5.76544
cg25987408	GEMIN5	0.000169822	0.421925	1.20469	1.20469	0.0281414	1.80138	1.80138	0.00550366	0.436751	-2.28963	0.0119095	0.490438	-2.03899	0.000179586	0.236975	-4.21985
cg18468726	GEMIN5	0.000233508	0.0623063	0.588756	-1.6985	0.624732	1.13254	1.13254	0.0408227	0.550985	-1.81493	0.0146182	0.468104	-2.13628	8.77E-05	0.1695	-5.89971
cg05207465	GEMIN5	0.00146821	0.249391	1.21474	1.21474	0.714666	0.942393	-1.06113	0.00297045	0.517474	-1.93246	0.264614	0.828715	-1.20669	9.13E-05	0.323165	-3.09439
cg24623068	GEMIN5	0.00422705	0.175072	0.942206	-1.06134	0.451138	0.968806	-1.0322	0.0298383	1.11128	1.11128	0.00486544	1.16661	1.16661	0.0502689	1.0965	1.0965
cg19560287	GEMIN5	0.00457828	0.160398	0.763438	-1.30986	0.0236269	0.614832	-1.62646	0.0617677	0.684776	-1.46033	0.826142	1.04039	1.04039	0.0278847	0.626434	-1.59634
cg25348336	GEMIN6	2.25E-05	0.523563	0.935524	-1.06892	0.7667	0.96979	-1.03115	0.000611318	0.580279	-1.72331	0.00602877	0.690809	-1.44758	4.07E-06	0.332212	-3.01012
cg26680517	GEMIN6	0.0051976	0.388081	0.870954	-1.14817	0.00862603	1.68723	1.68723	0.00040659	2.40502	2.40502	0.109361	0.761349	-1.31346	0.073951	1.36488	1.36488
cg09501518	GEMIN6	0.00883703	0.925702	1.02089	1.02089	0.00163423	0.367884	-2.71825	0.0350154	0.580162	-1.72366	0.206103	0.744083	-1.34394	0.80876	1.05521	1.05521
cg15102365	GEMIN6	0.0144781	0.0439207	0.26892	-3.71858	0.0186651	0.198479	-5.03832	0.0766374	0.327268	-3.0556	0.401133	1.62812	1.62812	0.000833992	0.0577104	-17.3279
cg07959896	GEMIN6	0.0368827	0.0735253	0.734606	-1.36127	0.00991198	1.65469	1.65469	0.0646432	1.37826	1.37826	0.111452	0.764909	-1.30735	0.109663	0.763696	-1.30942
cg17896463	GEMIN7;GEMIN7;GEMIN7	8.26E-06	0.000106965	0.293199	-3.41065	1.52E-05	0.200132	-4.99671	0.000267027	0.341612	-2.9273	0.2803	1.22318	1.22318	3.19E-07	0.0689657	-14.5
cg13442822	GEMIN7;GEMIN7;GEMIN7	0.000210066	3.78E-06	0.0893347	-11.1939	0.139053	0.700261	-1.42804	0.00206972	0.378871	-2.63942	0.0613659	0.623958	-1.60267	0.0047022	0.431437	-2.31784
cg01008361	GEMIN7;GEMIN7;GEMIN7	0.0037392	0.574101	0.91113	-1.09754	0.0843443	0.731297	-1.36743	0.00177024	0.482055	-2.07445	0.00387029	0.528496	-1.89216	0.000479047	0.407308	-2.45515
cg10073875	GEMIN7;GEMIN7;GEMIN7	0.0076391	0.0125824	0.703487	-1.42149	0.057122	1.27628	1.27628	0.0950726	1.23108	1.23108	0.0282841	0.745645	-1.34112	0.107633	0.819544	-1.22019
cg22330935	GEMIN7;GEMIN7;GEMIN7	0.0104693	0.102623	0.692578	-1.44388	0.000958576	0.363575	-2.75046	0.0032404	0.43785	-2.28389	0.256837	0.783951	-1.27559	0.00754133	0.493069	-2.02811
cg17202289	GEMIN8;GEMIN8;GEMIN8	0.00178747	0.000139045	0.155136	-6.44596	0.546764	0.841439	-1.18844	0.0247636	0.469227	-2.13116	0.123659	0.62371	-1.60331	0.0341203	0.496602	-2.01368
cg21985559	GEMIN8;GEMIN8;GEMIN8	0.016174	0.211787	0.704339	-1.41977	0.176003	0.681567	-1.46721	0.813075	1.06515	1.06515	0.365623	0.780607	-1.28105	0.388998	0.790384	-1.26521
cg11595604	GEN1;GEN1	0.00928258	0.0493207	0.685437	-1.45893	0.045762	0.680093	-1.47039	0.0749274	1.39641	1.39641	0.696493	1.06822	1.06822	0.53169	1.11255	1.11255
cg14456143	GEN1;GEN1	0.0132658	0.0290561	0.29522	-3.38731	0.0128691	0.231161	-4.32599	0.051712	0.349943	-2.85761	0.152645	0.483627	-2.06771	0.0814998	0.400257	-2.49839
cg11330941	GEN1;SMC6;SMC6;GEN1	0.00133942	0.00122571	0.575859	-1.73653	0.00657213	1.50973	1.50973	0.00102942	1.76403	1.76403	0.00940796	1.46843	1.46843	0.00322453	1.59843	1.59843
cg03935872	GEN1;SMC6;SMC6;GEN1	0.0238069	0.343725	0.839029	-1.19185	0.0447229	1.51383	1.51383	0.00413735	1.99739	1.99739	0.0714776	0.696145	-1.43648	0.0927672	0.716892	-1.39491
cg22100937	GFAP	0.0141149	0.0373759	0.327045	-3.05768	0.0382362	0.329193	-3.03773	0.973961	1.01522	1.01522	0.127729	0.466787	-2.1423	0.00058256	0.0853971	-11.71
cg23016243	GFAP	0.0334586	0.0200324	0.232873	-4.29418	0.037454	0.285416	-3.50366	0.0181323	0.225367	-4.43721	0.222372	0.513806	-1.94626	0.00721251	0.165191	-6.05361
cg24797574	GFAP;GFAP	0.000147204	0.0914675	0.57794	-1.73028	0.00861778	2.68643	2.68643	0.0391969	2.02177	2.02177	0.845214	0.943968	-1.05936	0.0386905	0.493437	-2.0266
cg02407342	GFAP;GFAP	0.00690683	0.0432978	0.18695	-5.34904	0.241004	2.4242	2.4242	0.626895	1.42391	1.42391	0.631264	0.705489	-1.41746	0.00290816	0.0522281	-19.1468
cg10855825	GFAP;GFAP	0.00861702	0.206707	0.51547	-1.93998	0.161971	2.10234	2.10234	0.710718	1.20368	1.20368	0.557589	0.744443	-1.34329	0.0285897	0.27658	-3.61559
cg07167554	GFAP;GFAP	0.0136037	0.0215329	0.297699	-3.3591	0.260555	1.67369	1.67369	0.54968	1.3043	1.3043	0.34841	0.654622	-1.5276	0.0162134	0.275109	-3.63492
cg08156531	GFAP;GFAP	0.0255466	0.0406642	0.280134	-3.56972	0.00432305	0.128255	-7.79698	0.0451355	0.29008	-3.44732	0.294612	0.55697	-1.79543	0.0246578	0.236802	-4.22293
cg21601845	GFAP;GFAP	0.0260744	0.276994	0.630468	-1.58612	0.00139314	0.151124	-6.61707	0.0918347	0.468965	-2.13236	0.524513	1.30099	1.30099	0.0405637	0.38103	-2.62446
cg18208742	GFAP;GFAP;GFAP;GFAP	0.0147957	0.0797312	0.628559	-1.59094	0.001049	0.314167	-3.18302	0.164882	0.702036	-1.42443	0.486488	0.844648	-1.18393	0.0181069	0.503906	-1.9845
cg15643724	GFER	0.00191066	0.508082	0.914068	-1.09401	4.71E-05	2.79245	2.79245	0.258581	0.854069	-1.17087	0.112401	0.793512	-1.26022	0.590783	0.929936	-1.07534
cg07249369	GFER	0.0234181	0.406185	0.927062	-1.07868	0.00136559	0.660911	-1.51306	0.194172	0.884776	-1.13023	0.733492	1.03093	1.03093	0.148959	1.14791	1.14791
cg27313501	GFER;GFER	0.0144281	0.0562214	0.883643	-1.13168	0.231916	1.07436	1.07436	0.0130939	1.19251	1.19251	0.0425189	0.874916	-1.14297	0.477293	1.04221	1.04221
cg26559437	GFER;NOXO1	0.00904005	0.00195249	0.448433	-2.22999	0.117353	0.732386	-1.3654	0.409633	0.856925	-1.16696	0.0836692	0.704307	-1.41984	0.00712922	0.529217	-1.88958
cg01766941	GFI1	0.000305037	0.00996407	0.404803	-2.47034	0.0136964	0.428654	-2.33288	0.0474401	0.532517	-1.87787	0.124018	0.629484	-1.5886	0.000987221	0.256518	-3.89836
cg09674502	GFI1	0.000758245	0.42698	1.29058	1.29058	0.0022481	0.260501	-3.83875	0.000309255	0.15862	-6.30436	0.952237	1.01902	1.01902	0.418711	0.771147	-1.29677
cg07805029	GFI1	0.0320137	0.891172	1.07913	1.07913	0.0359839	0.257408	-3.88489	0.175375	0.44857	-2.22931	0.969879	1.02123	1.02123	0.227943	0.494581	-2.02191
cg14475915	GFI1;GFI1	1.49E-06	0.151587	1.16824	1.16824	1.50E-05	2.47994	2.47994	0.0287097	1.29841	1.29841	0.742633	1.03391	1.03391	0.109415	1.19321	1.19321
cg04158367	GFI1;GFI1	2.30E-05	0.191566	1.43582	1.43582	0.00924354	0.421325	-2.37346	0.385404	0.792296	-1.26216	0.20552	0.705084	-1.41827	0.0491333	0.555653	-1.79969
cg18221467	GFI1;GFI1	3.87E-05	0.822024	1.09148	1.09148	0.00702886	0.258222	-3.87264	0.035898	0.385987	-2.59076	0.359391	1.44214	1.44214	0.000141937	0.0780935	-12.8052
cg25232660	GFI1;GFI1	4.33E-05	0.100026	0.775913	-1.2888	0.00561691	1.66832	1.66832	0.548898	0.918157	-1.08914	0.276551	0.852712	-1.17273	0.342008	0.871244	-1.14778
cg24683414	GFI1;GFI1	6.99E-05	0.0644491	0.540064	-1.85163	0.996414	0.998668	-1.00133	0.0169538	0.421624	-2.37178	0.0146738	0.410255	-2.43751	0.006406	0.349274	-2.86308
cg27432653	GFI1;GFI1	0.000107089	0.0534818	2.14187	2.14187	0.536469	0.80462	-1.24282	0.769558	0.903014	-1.1074	0.621259	1.18881	1.18881	0.099805	0.534541	-1.87076
cg22341104	GFI1;GFI1	0.000211166	0.878151	1.03626	1.03626	0.183865	1.38727	1.38727	0.705637	0.915663	-1.0921	0.237443	1.3329	1.3329	0.0615699	0.61329	-1.63055
cg16297569	GFI1;GFI1	0.00102499	0.00199756	3.25836	3.25836	0.288848	1.34726	1.34726	0.640462	1.13581	1.13581	0.144199	0.653962	-1.52914	0.0321041	0.506795	-1.97318
cg24517501	GFI1;GFI1	0.00146987	0.251098	1.25688	1.25688	0.244742	0.792938	-1.26113	0.214876	0.77963	-1.28266	0.00222391	0.441762	-2.26366	0.398233	0.847966	-1.17929
cg20125091	GFI1;GFI1	0.00147672	0.181323	1.46973	1.46973	0.81815	0.939416	-1.06449	0.293157	0.743844	-1.34437	0.0303764	0.501265	-1.99495	0.0496165	0.544542	-1.83641
cg26027669	GFI1;GFI1	0.00187208	?	?	?	0.0172169	0.255522	-3.91356	0.290708	0.654974	-1.52678	?	?	?	?	?	?
cg04777348	GFI1;GFI1	0.00188318	0.469545	0.768043	-1.30201	0.343398	0.704622	-1.4192	0.00306428	0.233535	-4.28201	0.888571	1.05157	1.05157	0.0161066	0.347766	-2.87549
cg16358430	GFI1;GFI1	0.00808654	0.434277	1.77182	1.77182	0.0449663	5.20544	5.20544	0.307837	2.13147	2.13147	0.535207	1.56866	1.56866	0.794435	1.20588	1.20588
cg23624705	GFI1;GFI1	0.00951971	0.022627	3.503	3.503	0.996355	0.997904	-1.0021	0.480005	0.719099	-1.39063	0.010244	0.226179	-4.42128	0.758643	1.15206	1.15206
cg25320328	GFI1;GFI1	0.0164321	0.100194	0.376455	-2.65636	0.691743	1.24131	1.24131	0.0428559	0.282446	-3.5405	0.0432765	0.283377	-3.52887	0.056744	0.310455	-3.22107
cg18182148	GFI1;GFI1	0.0180126	0.686192	1.15283	1.15283	0.905484	1.04247	1.04247	0.427777	0.753153	-1.32775	0.741324	1.12298	1.12298	0.13435	0.568205	-1.75993
cg11954479	GFI1;GFI1	0.0181296	0.100483	4.17072	4.17072	0.118914	3.83175	3.83175	0.34873	2.15044	2.15044	0.134534	3.5989	3.5989	0.56339	1.58987	1.58987
cg09022720	GFI1;GFI1;GFI1	5.28E-06	0.105688	0.911637	-1.09693	0.000560849	1.32316	1.32316	0.000471238	0.75007	-1.33321	0.0784902	1.10772	1.10772	0.00888373	1.19041	1.19041
cg26015176	GFI1;GFI1;GFI1	3.28E-05	0.940473	1.01069	1.01069	0.0293654	1.44124	1.44124	0.312347	1.16051	1.16051	0.950806	1.00883	1.00883	0.155456	1.24173	1.24173
cg09935388	GFI1;GFI1;GFI1	3.60E-05	0.140516	1.49132	1.49132	0.000523442	3.90727	3.90727	6.28E-06	12.7232	12.7232	0.00362988	2.69691	2.69691	0.0127366	2.18196	2.18196
cg14179389	GFI1;GFI1;GFI1	0.000201492	0.195454	0.671352	-1.48953	0.0709358	1.79886	1.79886	8.93E-05	7.69761	7.69761	0.83502	1.06257	1.06257	0.837057	1.06176	1.06176
cg03439815	GFI1;GFI1;GFI1	0.000413812	0.0177666	0.587378	-1.70248	2.79E-05	4.58543	4.58543	0.00109198	2.43364	2.43364	0.563471	0.897793	-1.11384	0.256529	1.24436	1.24436
cg18316974	GFI1;GFI1;GFI1	0.000497076	0.00390119	6.08265	6.08265	0.0089142	4.69326	4.69326	0.000453106	13.0417	13.0417	0.015739	3.95564	3.95564	0.566632	0.764039	-1.30883
cg00697033	GFI1;GFI1;GFI1	0.000541801	0.174259	1.57205	1.57205	0.720431	1.11905	1.11905	0.258392	1.44646	1.44646	0.323458	1.37603	1.37603	0.925564	0.971174	-1.02968
cg09364089	GFI1;GFI1;GFI1	0.000782966	0.931737	0.984569	-1.01567	0.000227282	3.04133	3.04133	0.00578106	1.92779	1.92779	0.882106	0.973423	-1.0273	0.977287	1.00518	1.00518
cg05796321	GFI1;GFI1;GFI1	0.00114542	0.89752	1.01909	1.01909	0.0334896	1.43983	1.43983	0.674171	0.939837	-1.06401	0.139234	1.26304	1.26304	0.844216	1.02929	1.02929

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19691778	0.129647	0.223775	-4.46878	0.292996	0.368793	-2.71155	0.0892496	5.54845	5.54845	0.0315232	10.0343	10.0343	3.87979	51.3774	11.7709	1
cg00394180	0.220431	0.383311	-2.60885	0.232983	0.39422	-2.53666	0.170694	2.96196	2.96196	0.0426163	5.68266	5.68266	3.86094	33.8758	7.79909	1
cg09164580	0.0880402	0.245193	-4.07842	0.257704	0.413964	-2.41567	0.164145	3.02992	3.02992	0.0395234	5.91816	5.91816	3.80397	33.5934	7.84989	1
cg08381274	0.00976269	0.0912596	-10.9577	0.0142155	0.109062	-9.16914	0.175288	2.87479	2.87479	0.122156	3.41223	3.41223	3.74999	31.8759	7.55579	1
cg05690644	0.0142326	0.0850598	-11.7564	0.150463	0.284763	-3.51169	0.353086	2.17871	2.17871	0.36199	2.14607	2.14607	3.6061	37.9347	9.35074	1
cg10133465	0.241806	0.38015	-2.63054	0.183411	0.328145	-3.04743	0.128115	3.66401	3.66401	0.0748741	4.7883	4.7883	3.54181	34.96	8.77391	1
cg19113641	0.000681542	0.441561	-2.26469	0.00267299	0.525964	-1.90127	0.0131242	1.59548	1.59548	0.0194095	1.53333	1.53333	16.5103	5.51032	0.259583	1
cg21039778	0.179716	0.556975	-1.79541	0.0876342	2.16917	2.16917	0.585763	0.797705	-1.2536	0.429165	1.39303	1.39303	11.7015	31.2606	2.37467	1
cg07966910	0.867253	1.0359	1.0359	3.67E-05	0.187285	-5.33946	0.343792	0.814133	-1.2283	0.896771	1.02775	1.02775	8.64991	6.09085	0.625913	1
cg05899618	0.738059	0.932273	-1.07265	0.0975296	1.46212	1.46212	0.00813974	2.02948	2.02948	0.724936	1.07661	1.07661	7.73235	5.34652	0.614621	1
cg07789367	0.0172688	0.391312	-2.55551	0.00263773	0.260209	-3.84306	0.0967128	0.554407	-1.80373	0.009615	0.346338	-2.88736	7.66164	12.698	1.47319	1
cg10687131	0.495155	0.844943	-1.18351	0.0989137	1.55285	1.55285	0.000211455	4.51072	4.51072	0.0565461	1.69061	1.69061	7.58205	7.10527	0.832994	1
cg27141850	0.0377516	0.385256	-2.59568	0.0202563	0.330183	-3.02863	0.632796	0.826504	-1.20992	0.1481	0.541092	-1.84811	5.40898	13.4237	2.206	1
cg18552861	?	?	?	0.28019	1.97561	1.97561	0.0411512	4.27593	4.27593	0.575578	0.710646	-1.40717	4.66713	23.3834	4.38395	1
cg14780466	0.198538	0.311973	-3.2054	0.14151	3.878	3.878	0.00160102	48.4705	48.4705	0.264162	2.71227	2.71227	4.13979	48.1861	10.3464	1
cg22311533	0.453969	0.927809	-1.07781	0.00471934	1.44596	1.44596	0.000657981	0.598894	-1.66974	0.141828	0.856281	-1.16784	8.41402	1.28588	0.135846	1
cg09047881	0.00322726	0.505936	-1.97653	0.556572	1.10609	1.10609	0.471306	0.883161	-1.1323	0.244085	0.813313	-1.22954	5.81681	2.64864	0.404749	1
cg27099455	0.918939	1.01753	1.01753	0.484994	1.12881	1.12881	0.306509	1.19814	1.19814	0.00979633	1.74649	1.74649	5.45257	2.5178	0.410458	1
cg17446142	0.977255	1.0103	1.0103	0.799842	1.09565	1.09565	0.304404	1.46581	1.46581	0.398497	0.732866	-1.36451	3.76446	7.70693	1.81981	1
cg17317391	0.762439	0.868153	-1.15187	0.200825	0.532537	-1.87781	0.852099	0.916638	-1.09094	0.641559	1.24439	1.24439	3.42213	11.7882	3.06194	1
cg26791349	0.565139	0.883244	-1.13219	0.105129	0.685187	-1.45946	0.0204273	1.81582	1.81582	0.435884	1.18497	1.18497	9.80556	7.07928	0.641748	1
cg11860160	0.106367	0.540468	-1.85025	0.00209199	0.220739	-4.53023	0.598441	1.20376	1.20376	0.860184	1.06345	1.06345	4.23645	8.17024	1.71427	1
cg19533991	0.956815	1.01557	1.01557	0.619654	0.866938	-1.15349	0.713516	1.11097	1.11097	0.10621	1.65446	1.65446	12.5574	16.1968	1.1465	1
cg27407423	0.0948869	0.594774	-1.68131	0.111816	0.612505	-1.63264	0.00832495	2.59788	2.59788	0.0204532	0.453527	-2.20494	6.34172	8.04862	1.12814	1
cg25141642	0.129218	0.521836	-1.91631	0.00413673	0.217535	-4.59695	0.661225	1.19118	1.19118	0.0838065	0.468083	-2.13637	6.21929	15.5036	2.21584	1
cg05049096	0.0436885	0.770775	-1.29739	0.000595154	0.551472	-1.81333	0.678592	0.95429	-1.0479	0.416168	0.910914	-1.0978	5.29011	1.05622	0.177476	1
cg04439218	0.000925249	2.60475	2.60475	0.0464085	1.55501	1.55501	0.00105315	0.391496	-2.55431	0.866018	0.96785	-1.03322	8.34916	4.95201	0.527214	1
cg25602684	0.266718	0.703745	-1.42097	?	?	?	0.0175206	2.46004	2.46004	0.804831	0.928002	-1.07758	9.9873	12.5298	1.09775	1
cg01043865	0.0338842	1.66423	1.66423	0.000446927	3.1236	3.1236	0.294369	0.79959	-1.25064	0.207515	1.31433	1.31433	5.78561	3.87513	0.595367	1
cg14590843	0.104442	1.32542	1.32542	0.0223417	1.54424	1.54424	0.0678061	0.722731	-1.38364	0.636814	0.927286	-1.07842	5.47131	2.18328	0.354704	1
cg26295057	0.960461	0.989016	-1.01111	0.000251155	0.260488	-3.83894	0.730388	0.925827	-1.08012	0.0948637	1.50522	1.50522	5.16392	4.05918	0.698725	1
cg01107142	0.00486642	2.25278	2.25278	0.00181053	2.62478	2.62478	0.148495	0.713792	-1.40097	0.364035	1.22499	1.22499	4.96521	3.722	0.666325	1
cg02328239	0.639274	0.807361	-1.2386	0.000671777	10.57	10.57	0.399828	0.676605	-1.47797	0.0386284	2.96165	2.96165	4.64179	15.1045	2.89246	1
cg02450613	0.127021	0.725143	-1.37904	0.00151748	0.410906	-2.43365	0.392482	1.18601	1.18601	0.170839	1.32841	1.32841	4.42625	2.65839	0.533864	1
cg05462359	0.938418	1.01814	1.01814	0.00106794	3.08042	3.08042	0.744933	0.926856	-1.07892	0.531965	0.863028	-1.15871	4.42457	3.79406	0.76222	1
cg05730365	?	?	?	0.584801	1.15672	1.15672	0.550808	1.17287	1.17287	0.0261475	2.17962	2.17962	6.05572	4.7056	0.555036	1
cg12930882	0.288451	0.775554	-1.2894	0.0405692	0.579579	-1.72539	0.0017559	2.79631	2.79631	0.571982	0.876587	-1.14079	7.20621	6.0716	0.748935	1
cg05330056	0.312054	0.594052	-1.68335	0.0321468	0.286565	-3.48961	0.53502	0.731351	-1.36733	0.34656	0.617111	-1.62045	4.11683	16.1696	3.49127	1
cg22318878	0.00299453	0.369369	-2.70732	0.0204549	0.504952	-1.98039	0.347085	1.26725	1.26725	0.424201	0.819008	-1.22099	5.82004	5.51625	0.842491	1
cg20942990	0.19515	0.816704	-1.22443	3.79E-06	0.20303	-4.92537	0.0278005	0.68096	-1.46851	0.0139012	0.638228	-1.56684	17.812	6.15981	0.307398	1
cg06071746	0.0569304	0.613433	-1.63017	0.00916956	0.472107	-2.11816	0.00318214	0.401032	-2.49357	0.57512	1.13707	1.13707	6.34116	5.16713	0.724315	1
cg06598597	0.199174	0.815131	-1.2268	0.0175823	0.647073	-1.54542	0.863452	0.974397	-1.02628	0.0471414	1.40815	1.40815	5.89745	2.1205	0.31961	1
cg24171114	0.0863499	0.662166	-1.5102	0.00280173	0.408149	-2.45009	0.0667954	0.639455	-1.56383	0.862903	0.963093	-1.03832	4.45316	3.33887	0.666466	1
cg25105901	0.0407968	0.452945	-2.20777	0.000845744	0.185829	-5.3813	0.701466	1.1379	1.1379	0.896164	0.957153	-1.04477	4.28402	7.63209	1.58358	1
cg06382786	0.328375	1.27027	1.27027	0.517751	0.855983	-1.16825	0.220705	0.736898	-1.35704	0.661012	0.900649	-1.11031	4.32369	3.42279	0.791637	1
cg06655504	0.101371	1.44574	1.44574	0.00927889	0.507429	-1.97072	0.912727	1.02279	1.02279	0.286402	1.25546	1.25546	3.9311	2.62936	0.594542	1
cg11861581	0.55108	1.13363	1.13363	0.0562065	0.637821	-1.56784	0.0874009	1.48059	1.48059	0.0430055	0.616148	-1.62299	13.4744	9.22935	0.60885	1
cg13545850	0.1615	1.52517	1.52517	0.841594	1.05812	1.05812	0.137655	1.57044	1.57044	0.0504624	0.532919	-1.87646	5.94806	7.50838	1.12206	1
cg25685838	0.00170458	7.59434	7.59434	0.258726	1.70443	1.70443	0.0224269	3.4476	3.4476	0.28742	1.64843	1.64843	4.27831	13.8748	2.88273	1
cg03512439	0.0619528	0.373308	-2.67875	0.026746	0.292182	-3.42252	0.060587	0.37089	-2.69622	0.334049	0.626837	-1.59531	3.93831	13.7077	3.09387	1
cg02124085	0.379896	0.696209	-1.43635	0.0117335	0.282073	-3.54518	0.0590371	2.35611	2.35611	0.383297	0.698098	-1.43246	3.441	8.80707	2.27506	1
cg01617018	0.0349735	1.86874	1.86874	0.0534199	1.74768	1.74768	0.129587	1.51695	1.51695	0.854205	0.954271	-1.04792	5.59906	5.74202	0.911583	1
cg04833731	0.0826157	1.92194	1.92194	0.0423706	2.21345	2.21345	0.285323	1.45813	1.45813	0.982757	0.992682	-1.00737	4.2512	7.77693	1.62609	1
cg08047629	0.0177177	0.647486	-1.54444	0.367576	1.14968	1.14968	0.0268563	1.48462	1.48462	0.121901	0.776709	-1.28748	4.29621	1.54544	0.319753	1
cg07200608	0.0118994	0.656203	-1.52392	0.0292456	1.41161	1.41161	0.957175	1.00723	1.00723	0.997299	0.999546	-1.00045	12.3471	3.52199	0.253555	1
cg24094848	0.000197029	0.302955	-3.30082	0.274804	1.24214	1.24214	0.435411	0.859106	-1.164	0.10806	0.715623	-1.39738	8.03383	4.6339	0.512709	1
cg13002506	0.133393	0.503273	-1.98699	0.000295491	0.0821019	-12.18	0.625196	0.81156	-1.23219	0.0038059	0.191057	-5.23404	7.42865	21.1619	2.53216	1
cg04801779	0.0824589	0.229795	-4.3517	0.00782619	0.0735677	-13.5929	0.48372	1.72309	1.72309	0.0163904	0.106163	-9.41949	3.77943	34.985	8.22817	1
cg08268692	0.152366	0.485951	-2.05782	0.00241295	0.136812	-7.30929	0.665651	0.814934	-1.22709	0.0208624	0.270111	-3.70218	3.67683	12.9029	3.11933	1
cg12318269	0.0120526	0.529453	-1.88874	0.068866	1.51216	1.51216	0.761403	1.06381	1.06381	0.0727614	0.665928	-1.50166	20.4119	13.3365	0.58077	1
cg15526825	0.887305	1.03961	1.03961	0.0401493	0.522218	-1.91491	0.561623	1.17443	1.17443	0.562205	1.17415	1.17415	5.32207	6.32669	1.05668	1
cg16874185	0.0341135	1.42067	1.42067	0.226252	0.834908	-1.19774	0.0126625	0.643991	-1.55282	0.04213	0.717136	-1.39444	4.28941	1.36991	0.283885	1
cg24103837	0.589671	0.920467	-1.08641	0.67811	0.938447	-1.06559	0.274672	1.18886	1.18886	0.283115	1.18501	1.18501	4.21606	1.547	0.326161	1
cg20258039	0.0859681	0.563317	-1.7752	0.322239	1.36246	1.36246	0.15578	0.631696	-1.58304	0.456041	0.794837	-1.25812	3.64953	5.28796	1.28795	1
cg02432528	0.21534	0.675733	-1.47987	0.0100148	0.376387	-2.65684	0.896802	1.03977	1.03977	0.966028	1.01288	1.01288	3.55393	5.08425	1.27165	1
cg03630215	0.559057	0.884754	-1.13026	0.00991315	1.9644	1.9644	0.501135	0.868049	-1.15201	0.385823	0.831726	-1.20232	3.5029	2.38289	0.604677	1
cg05064990	0.805843	1.06114	1.06114	0.00351245	2.59604	2.59604	0.786899	1.06748	1.06748	0.16851	1.42418	1.42418	3.45773	3.18012	0.817522	1
cg09120267	0.168817	0.638631	-1.56585	0.00699379	0.344081	-2.90629	0.0241203	2.27632	2.27632	0.0428453	0.490201	-2.03998	5.28389	7.82864	1.31698	1
cg22617406	0.106791	0.589262	-1.69704	0.243191	0.692943	-1.44312	0.00156884	3.91307	3.91307	0.650974	1.1466	1.1466	5.14417	7.35033	1.2701	1
cg06556702	0.651679	1.23829	1.23829	0.00820572	4.90704	4.90704	0.3994	0.666478	-1.50042	0.686779	1.21004	1.21004	4.12801	14.4622	3.11417	1
cg02364642	0.313765	0.757928	-1.31939	0.298639	0.75081	-1.3319	0.0184227	0.467342	-2.13976	0.0675697	1.72429	1.72429	3.79029	4.24865	0.996383	1
cg15409097	0.223829	3.32041	3.32041	0.00403083	37.619	37.619	0.00954888	21.8101	21.8101	0.042292	8.99369	8.99369	3.75628	52.4629	12.4149	1
cg03309176	0.811429	0.863447	-1.15815	0.705241	0.791807	-1.26293	0.00361126	11.245	11.245	0.0717377	3.43864	3.43864	3.7402	22.353	5.31236	1
cg00331508	0.114838	2.20255	2.20255	0.0532001	2.74972	2.74972	0.00864662	4.67169	4.67169	0.0121532	4.21765	4.21765	5.11957	17.194	2.98533	1
cg07306755	0.0010641	2.63605	2.63605	0.119597	0.712936	-1.40265	0.960967	0.990243	-1.00985	0.00620756	2.0439	2.0439	10.358	6.58497	0.565099	1
cg00560584	0.00417308	1.70577	1.70577	0.99207	0.998618	-1.00138	0.736666	0.954136	-1.04807	0.301644	1.16052	1.16052	7.17065	2.19768	0.272429	1
cg26427135	0.154576	1.61565	1.61565	0.00144266	4.26288	4.26288	0.00119202	4.46223	4.46223	0.00957674	2.80903	2.80903	6.33962	9.9531	1.39554	1
cg22885024	0.0929699	1.68511	1.68511	0.0711925	0.566091	-1.7665	0.358793	0.766123	-1.30527	0.509723	1.20782	1.20782	5.71732	7.21803	1.12221	1
cg17777228	0.0976031	0.502677	-1.98935	0.624839	0.829865	-1.20502	0.136862	1.83379	1.83379	0.0745766	0.471587	-2.1205	4.26364	9.66917	2.01584	1
cg25987408	0.0747857	0.637306	-1.5691	7.39E-06	0.106309	-9.4065	0.0367723	0.576552	-1.73445	0.0193661	0.526297	-1.90007	19.2028	15.6713	0.725419	1
cg18468726	7.50E-05	0.162891	-6.13908	0.000116303	0.181773	-5.50136	0.926573	1.02354	1.02354	0.000499366	0.252893	-3.95425	17.6143	17.78	0.89725	1
cg05207465	0.00571219	0.556761	-1.7961	0.00111528	0.460297	-2.17251	0.231438	0.816424	-1.22485	0.424795	0.876597	-1.14078	10.5444	4.3605	0.36759	1
cg24623068	0.00378732	0.85109	-1.17496	0.0074067	0.867269	-1.15304	0.115217	1.07325	1.07325	0.421975	1.03444	1.03444	7.7227	0.208398	0.0239867	1
cg19560287	0.247135	0.804274	-1.24336	0.000100373	0.288957	-3.46072	0.00876575	0.54831	-1.82378	0.120516	0.738521	-1.35406	7.53815	3.86791	0.456098	1
cg25348336	0.00135742	0.619065	-1.61534	1.65E-06	0.288976	-3.46049	0.176014	1.15989	1.15989	0.283115	0.891384	-1.12185	32.8424	5.52892	0.149642	1
cg26680517	0.191626	0.805805	-1.24099	0.568845	0.913986	-1.09411	0.195322	0.807409	-1.23853	0.111593	1.31083	1.31083	7.25218	2.80194	0.343429	1
cg09501518	0.586671	0.885439	-1.12938	0.00242219	2.54977	2.54977	0.796395	1.05898	1.05898	0.18364	0.731497	-1.36706	6.1479	4.78331	0.691591	1
cg15102365	0.171526	0.437956	-2.28334	0.050469	0.282409	-3.54097	0.022824	0.213301	-4.68821	0.719001	0.814708	-1.22743	5.24163	26.7058	4.52883	1
cg07959896	0.234401	0.824746	-1.21249	0.264268	1.19706	1.19706	0.308851	0.849757	-1.17681	0.921437	0.984867	-1.01537	3.79425	1.4359	0.336392	1
cg17896463	0.000170898	0.317653	-3.14809	0.453375	0.871876	-1.14695	0.498935	1.13113	1.13113	0.0123003	0.571413	-1.75005	42.6358	21.7577	0.453614	1
cg13442822	0.248513	0.763429	-1.30988	0.345672	0.804665	-1.24275	0.440721	1.19236	1.19236	0.0525511	1.6376	1.6376	18.1281	14.3768	0.70495	1
cg01008361	0.514473	1.11443	1.11443	0.0137614	0.60706	-1.64728	0.481933	1.12428	1.12428	0.884463	0.976451	-1.02412	8.01341	3.40904	0.378148	1
cg10073875	0.254189	0.87376	-1.14448	0.000829924	0.565287	-1.76901	0.349296	0.896548	-1.11539	0.885783	1.01642	1.01642	6.43682	1.3096	0.180848	1
cg22330935	0.894627	0.973112	-1.02763	0.451948	0.854179	-1.17071	0.388931	1.19914	1.19914	0.25491	0.783108	-1.27696	5.82441	3.90219	0.59553	1
cg17202289	0.0201574	0.452329	-2.21078	0.000453727	0.209225	-4.77954	0.0641707	0.55497	-1.8019	0.00184891	0.286129	-3.49493	9.96195	12.6445	1.12825	1
cg21985559	0.281011	0.74188	-1.34793	0.000221636	0.194203	-5.14924	0.540698	0.847874	-1.17942	0.0474598	0.546522	-1.82975	5.05277	5.68181	0.99955	1
cg11595604	0.549783	1.10725	1.10725	0.000378264	2.60192	2.60192	0.569443	1.10163	1.10163	0.79568	1.04465	1.04465	6.05264	2.71678	0.398986	1
cg14456143	0.0517238	0.349967	-2.85741	0.000774161	0.0895577	-11.166	0.421614	0.677532	-1.47594	0.00821146	0.201172	-4.97086	5.39434	19.2123	3.16584	1
cg11330941	0.381429	1.11045	1.11045	0.0159804	1.41093	1.41093	0.284093	1.13868	1.13868	0.885862	0.983378	-1.0169	10.826	2.33521	0.191736	1
cg03935872	0.384956	1.17384	1.17384	0.688033	0.929944	-1.07533	0.0676319	0.691841	-1.44542	0.786578	0.952339	-1.05005	4.43177	2.2727	0.455839	1
cg22100937	0.213422	1.83335	1.83335	0.395451	0.668559	-1.49575	0.43743	0.693175	-1.44264	0.0309593	0.309768	-3.22822	5.28566	17.9175	3.01318	1
cg23016243	0.229082	0.519231	-1.92592	0.00922946	0.179779	-5.56237	0.106277	0.400143	-2.4991	0.1201	0.416616	-2.40029	3.9305	16.7856	3.7961	1
cg24797574	0.000207839	6.24428	6.24428	0.000202325	6.28959	6.28959	2.52E-05	11.7956	11.7956	0.00314997	3.28875	3.28875	19.9578	27.51	1.22525	1
cg02407342	0.0139731	8.93531	8.93531	0.0163988	8.29936	8.29936	0.0180009	7.95202	7.95202	0.21415	2.5691	2.5691	6.6428	54.7565	7.3271	1
cg10855825	0.0233708	3.85016	3.85016	0.00477897	6.44823	6.44823	0.00279127	7.77392	7.77392	0.125504	2.28203	2.28203	6.19717	24.3031	3.48591	1
cg07167554	0.0103839	4.12294	4.12294	0.135432	2.02644	2.02644	0.0263768	3.17633	3.17633	0.120474	2.09422	2.09422	5.35008	16.3219	2.7118	1
cg08156531	0.0770172	0.346924	-2.88248	0.0136486	0.193487	-5.16831	0.0117859	0.183877	-5.43841	0.0761851	0.345659	-2.89303	4.32454	19.8546	4.08101	1
cg21601845	0.121435	0.504057	-1.9839	0.0538665	0.40942	-2.44248	0.0200177	0.318178	-3.1429	0.525005	0.768893	-1.30057	4.29379	11.3197	2.34337	1
cg18208742	0.0314209	0.547358	-1.82696	0.00940871	0.455636	-2.19474	0.0130579	0.479391	-2.08598	0.270454	0.760348	-1.31519	5.20423	4.69931	0.802649	1
cg15643724	0.224259	1.1863	1.1863	0.0156228	0.672554	-1.48687	0.797256	0.966136	-1.03505	0.994427	0.999066	-1.00094	9.77102	2.77127	0.252108	1
cg07249369	0.322774	1.0953	1.0953	0.0449231	0.814547	-1.22768	0.282798	1.10458	1.10458	0.426578	1.07503	1.07503	4.45707	0.560702	0.111823	1
cg27313501	0.314573	1.0613	1.0613	0.00686259	0.818499	-1.22175	0.0956471	1.1104	1.1104	0.224493	1.07573	1.07573	5.24761	0.272025	0.0460781	1
cg26559437	0.0116003	0.561126	-1.78213	0.0109616	0.557363	-1.79416	0.00335763	0.481587	-2.07647	0.0203357	0.599227	-1.66882	6.10377	3.2411	0.472	1
cg01766941	0.00102286	0.258495	-3.86854	1.01E-05	0.0720958	-13.8704	0.554807	0.847051	-1.18057	0.000535821	0.223806	-4.46815	16.3753	20.0258	1.08704	1
cg09674502	0.00401679	0.296517	-3.37249	8.15E-05	0.107069	-9.33981	0.182899	0.641144	-1.55971	0.00537033	0.315698	-3.16758	12.7224	19.9307	1.39251	1
cg07805029	0.00624308	0.137681	-7.26319	0.00935297	0.159842	-6.25619	0.296342	0.547504	-1.82647	0.0101956	0.164937	-6.06291	3.99327	19.5732	4.35694	1
cg14475915	0.0268308	1.30399	1.30399	0.133417	0.848876	-1.17803	1.46E-08	9.34899	9.34899	0.0459985	1.26042	1.26042	66.2227	10.7431	0.144201	1
cg04158367	0.338432	1.29456	1.29456	0.0216658	0.486123	-2.05709	3.23E-07	48.95	48.95	0.512062	0.840317	-1.19003	32.6682	35.4169	0.963681	1
cg18221467	0.0586962	0.436189	-2.29259	0.9121	1.04384	1.04384	1.47E-06	115.248	115.248	0.34314	0.684244	-1.46147	28.4811	68.0907	2.12509	1
cg25232660	0.936469	0.98884	-1.01129	0.320428	1.1555	1.1555	5.11E-07	7.19755	7.19755	0.0105646	1.57272	1.57272	27.6513	8.67971	0.279022	1
cg24683414	0.211772	0.67698	-1.47715	7.06E-06	0.0525279	-19.0375	4.34E-05	9.98591	9.98591	0.0188121	0.429961	-2.32579	24.3622	33.9359	1.2382	1
cg27432653	0.19894	1.60223	1.60223	0.0505265	0.461194	-2.16828	1.30E-06	74.7322	74.7322	0.252243	0.660115	-1.51489	21.7384	41.5225	1.69786	1
cg22341104	0.118674	0.674848	-1.48182	0.0229252	0.531614	-1.88106	3.29E-06	12.8415	12.8415	0.458324	0.839174	-1.19165	18.1024	15.4557	0.758926	1
cg16297569	0.967699	0.989097	-1.01102	0.0144344	0.442117	-2.26184	7.15E-05	7.09436	7.09436	0.799976	0.933574	-1.07115	11.6844	13.5629	1.03179	1
cg24517501	0.141321	0.739634	-1.35202	0.000414374	0.343623	-2.91017	0.0100881	1.85705	1.85705	0.00083368	0.383311	-2.60885	10.541	6.06914	0.511793	1
cg20125091	0.0509134	0.546914	-1.82844	0.00109791	0.27083	-3.69235	0.00022451	5.29016	5.29016	0.150868	0.658519	-1.51856	10.5269	12.2771	1.03667	1
cg26027669	0.74819	1.12712	1.12712	0.00877469	0.189582	-5.27477	0.000278464	64.5082	64.5082	0.686204	0.859654	-1.16326	36.6256	46.1291	0.839651	1
cg04777348	0.096642	0.519864	-1.92358	7.07E-05	0.0742921	-13.4604	0.928524	0.968332	-1.0327	0.00189129	0.206097	-4.85209	9.81225	19.9928	1.81114	1
cg16358430	0.708398	0.76386	-1.30914	0.0902851	3.81276	3.81276	0.000112054	130.061	130.061	0.0770023	4.09524	4.09524	6.3227	51.4749	7.2367	1
cg23624705	0.698199	0.836141	-1.19597	0.00332601	0.159488	-6.27005	0.00898657	4.59882	4.59882	0.553992	0.75962	-1.31645	6.00423	20.0588	2.96959	1
cg25320328	0.0103636	0.173532	-5.76263	0.00139448	0.0811162	-12.328	0.90992	1.06331	1.06331	0.0300321	0.250495	-3.99209	5.02619	23.4207	4.14199	1
cg18182148	0.72544	0.883855	-1.13141	0.712439	1.1384	1.1384	0.000306754	7.7864	7.7864	0.715348	1.13683	1.13683	4.87398	9.46406	1.726	1
cg11954479	0.460802	1.81476	1.81476	0.185207	0.327865	-3.05004	0.000375169	91.2761	91.2761	0.804064	1.2181	1.2181	4.86338	48.5214	8.86835	1
cg09022720	0.938724	0.995984	-1.00403	0.652322	1.02402	1.02402	1.07E-07	2.45347	2.45347	0.000370495	1.34751	1.34751	47.8631	2.07705	0.0385739	1
cg26015176	0.865013	1.02453	1.02453	1.98E-05	0.291961	-3.42511	1.66E-06	5.54737	5.54737	0.102237	1.29011	1.29011	29.7494	9.55878	0.285609	1
cg09935388	0.0649299	0.593054	-1.68619	0.605892	0.877048	-1.14019	3.47E-06	15.6635	15.6635	0.237239	1.36632	1.36632	29.0257	29.2098	0.894527	1
cg14179389	0.944015	1.02065	1.02065	0.0357673	0.491148	-2.03605	1.36E-05	14.098	14.098	0.0587934	0.537323	-1.86108	18.3342	24.5917	1.19227	1
cg03439815	0.00613054	0.51674	-1.93521	0.225529	0.790602	-1.26486	0.631305	0.914611	-1.09336	0.357532	1.19086	1.19086	15.0585	8.12729	0.479745	1
cg18316974	0.221193	1.81764	1.81764	9.20E-05	25.6601	25.6601	0.000111969	23.4582	23.4582	0.0549335	2.7494	2.7494	14.3138	48.9452	3.03951	1
cg00697033	0.727342	0.896226	-1.11579	0.000371615	0.168186	-5.94579	2.33E-05	14.0934	14.0934	0.592632	1.18417	1.18417	13.9754	21.685	1.37925	1
cg09364089	0.960427	0.991034	-1.00905	0.520291	0.888436	-1.12557	4.31E-05	4.0958	4.0958	0.926862	1.01681	1.01681	12.6082	6.5794	0.463854	1
cg05796321	0.746152	0.953456	-1.04882	0.0275378	0.68219	-1.46587	1.87E-05	3.59107	3.59107	0.62403	1.07518	1.07518	11.3211	3.86074	0.303131	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07011357	GFI1;GFI1;GFI1	0.00139607	0.0925847	0.519395	-1.92532	0.859273	1.06483	1.06483	0.63373	0.84375	-1.18518	0.364537	0.71908	-1.39067	0.227275	0.638502	-1.56617	0.716397	0.878862	-1.13784	0.000145333	0.0987737	-10.1242	0.000317844	7.87439	7.87439	0.961849	0.983213	-1.01707	10.6981	21.2251	1.76356	1
cg04955573	GFI1;GFI1;GFI1	0.00208921	0.441276	0.71148	-1.40552	0.901586	1.05509	1.05509	0.00290024	0.169522	-5.89892	0.00263399	0.164545	-6.07737	0.672154	0.831496	-1.20265	0.00558926	0.206497	-4.84269	0.000139966	0.0577976	-17.3017	0.721395	0.856224	-1.16792	0.00937051	0.239722	-4.17149	9.51996	28.3348	2.64565	1
cg11412935	GFI1;GFI1;GFI1	0.00230712	0.101653	0.272307	-3.67232	0.697448	1.3279	1.3279	0.00195516	24.0166	24.0166	0.609438	0.687958	-1.45358	0.248424	2.40088	2.40088	0.00196646	23.9429	23.9429	0.259755	0.425968	-2.34759	0.000283754	74.0385	74.0385	0.61613	1.4433	1.4433	9.24761	77.1774	7.41836	1
cg06647562	GFI1;GFI1;GFI1	0.00453804	0.949496	0.976561	-1.024	0.0112759	3.28211	3.28211	0.673129	0.8531	-1.1722	0.323501	1.46496	1.46496	0.423778	0.736459	-1.35785	0.679659	1.16822	1.16822	0.0358784	0.40087	-2.49457	0.000149945	11.4504	11.4504	0.371509	1.40998	1.40998	7.55839	16.784	1.97385	1
cg23807354	GFI1;GFI1;GFI1	0.00481802	0.562775	0.723712	-1.38177	0.802451	1.14859	1.14859	0.00184809	11.5069	11.5069	0.562487	0.723536	-1.3821	0.953963	0.968597	-1.03242	0.815869	0.879053	-1.13759	0.863994	0.909602	-1.09938	0.000226064	29.6412	29.6412	0.0355059	3.86805	3.86805	7.42203	35.9017	4.29971	1
cg10399789	GFI1;GFI1;GFI1	0.00616878	0.159339	0.610129	-1.639	0.048379	0.476637	-2.09803	0.0372701	0.451923	-2.21276	0.0352581	0.446826	-2.23801	0.131656	1.70684	1.70684	0.00503552	0.295596	-3.383	0.000420295	0.159356	-6.27524	0.642115	1.16621	1.16621	0.318496	0.712684	-1.40315	6.87994	11.7603	1.51943	1
cg13138155	GFI1;GFI1;GFI1	0.00698748	0.372046	0.814123	-1.22831	0.435202	1.19559	1.19559	0.696943	1.09179	1.09179	0.560845	0.876382	-1.14105	0.496868	0.856601	-1.16741	0.902721	1.02782	1.02782	0.0149167	0.510813	-1.95766	0.00019578	4.07709	4.07709	0.940824	0.983479	-1.0168	6.61881	5.27779	0.708793	1
cg16372625	GFI1;GFI1;GFI1	0.0102268	0.835979	1.07827	1.07827	0.224189	0.628684	-1.59062	0.634076	0.84004	-1.19042	0.894492	0.952913	-1.04941	0.425851	1.3439	1.3439	0.989093	1.00498	1.00498	0.213043	0.620841	-1.61072	0.000190294	9.83699	9.83699	0.132917	1.80277	1.80277	5.86834	12.28	1.86008	1
cg01258522	GFI1;GFI1;GFI1	0.0153379	0.667953	0.893858	-1.11875	0.0174925	2.12132	2.12132	0.653495	1.12468	1.12468	0.0980214	0.623801	-1.60308	0.152605	0.671416	-1.48939	0.0659797	0.584881	-1.70975	0.969822	0.990212	-1.00989	0.00189767	3.14034	3.14034	0.219876	1.39855	1.39855	5.14264	5.50675	0.951824	1
cg07968720	GFI1;GFI1;GFI1	0.0170042	0.0638374	1.90097	1.90097	0.180566	1.55025	1.55025	0.0118904	2.63292	2.63292	0.513727	0.815295	-1.22655	0.616004	0.855629	-1.16873	0.697123	0.886387	-1.12818	0.662212	0.873241	-1.14516	0.000989976	4.52251	4.52251	0.07303	1.85247	1.85247	4.96907	7.48247	1.3385	1
cg24999255	GFI1;GFI1;GFI1	0.0177976	0.573199	0.685523	-1.45874	0.00939213	8.88504	8.88504	0.170422	2.63364	2.63364	0.777879	1.20633	1.20633	0.203279	0.410337	-2.43702	0.566061	0.680605	-1.46928	0.890507	0.912688	-1.09567	0.000977436	25.8636	25.8636	0.202465	2.44138	2.44138	4.89369	34.0995	6.19383	1
cg09515098	GFI1;GFI1;GFI1	0.0198723	0.0177221	0.147223	-6.79244	0.139179	0.347379	-2.8787	0.0378019	0.201865	-4.9538	0.0420122	0.210861	-4.74247	0.140616	0.348911	-2.86606	0.0741446	0.266615	-3.75073	0.000934584	0.0375883	-26.604	0.0449719	0.216867	-4.61111	0.044534	0.215994	-4.62976	4.71481	32.9525	6.21256	1
cg01786314	GFI1;GFI1;GFI1	0.0209047	0.670798	0.845484	-1.18275	0.636631	1.2054	1.2054	0.0465137	2.44741	2.44741	0.38941	0.707335	-1.41376	0.037921	2.5724	2.5724	0.0569641	2.32942	2.32942	0.423123	0.725292	-1.37875	0.00107719	6.65582	6.65582	0.246997	1.60835	1.60835	4.63422	11.3109	2.16955	1
cg22628500	GFI1;GFI1;GFI1	0.0245696	0.997296	1.00059	1.00059	0.47565	0.881445	-1.1345	0.235068	1.24174	1.24174	0.480565	0.882722	-1.13286	0.762104	0.948551	-1.05424	0.766312	0.94947	-1.05322	0.000433198	2.63302	2.63302	0.216893	1.25363	1.25363	0.9695	1.00667	1.00667	4.3836	2.10127	0.426087	1
cg15068050	GFI1;GFI1;GFI1	0.0249376	?	?	?	0.0268442	46.675	46.675	0.540218	0.442894	-2.25788	0.0765913	0.0633639	-15.7819	?	?	?	0.324205	0.257946	-3.87678	?	?	?	0.00636851	266.364	266.364	0.29703	4.23181	4.23181	6.98605	114.913	13.7074	1
cg04838747	GFI1;GFI1;GFI1	0.0274134	0.414762	0.690738	-1.44773	0.119849	2.11481	2.11481	0.98573	0.992094	-1.00797	0.308953	1.59574	1.59574	0.53524	1.32138	1.32138	0.913381	0.952855	-1.04948	0.0724986	0.41089	-2.43374	0.00095121	8.89941	8.89941	0.333238	1.55735	1.55735	4.2191	13.1626	2.77313	1
cg08892208	GFI1;GFI1;GFI1	0.0295326	0.982133	0.986694	-1.01348	0.00332616	10.9234	10.9234	0.102497	2.91183	2.91183	0.639857	0.754359	-1.32563	0.781557	0.846815	-1.1809	0.0625353	3.50363	3.50363	0.558743	0.702088	-1.42432	0.00574845	8.71698	8.71698	0.573225	1.40561	1.40561	4.10966	23.2886	5.03714	1
cg13930300	GFI1;GFI1;GFI1	0.0389136	0.359514	0.348733	-2.86752	0.576687	1.87875	1.87875	0.0298467	17.4276	17.4276	0.536995	0.497074	-2.01177	0.742474	0.691639	-1.44584	0.217286	0.234226	-4.26938	0.25968	0.268535	-3.72391	0.00255921	107.534	107.534	0.781488	1.36469	1.36469	3.72061	73.6771	17.6021	1
cg13359699	GFI1;GFI1;GFI1	0.0421435	0.717867	0.733834	-1.36271	0.216021	3.03589	3.03589	0.0532682	6.50639	6.50639	0.661655	1.45586	1.45586	0.0424356	7.33894	7.33894	0.052463	6.55909	6.55909	0.881459	0.880497	-1.13572	0.00230359	37.8201	37.8201	0.113023	4.35417	4.35417	3.61275	41.6239	10.2412	1
cg15394350	GFI1;GFI1;GFI1	0.0432755	0.381008	0.5067	-1.97355	0.930778	0.93638	-1.06794	0.0232681	7.78225	7.78225	0.260734	0.411693	-2.42899	0.568403	0.646495	-1.5468	0.56458	0.643649	-1.55364	0.968704	0.970753	-1.03013	0.00256797	23.6478	23.6478	0.472704	1.73776	1.73776	3.57734	32.4322	8.05867	1
cg04535902	GFI1;GFI1;GFI1	0.0440071	0.044516	3.79042	3.79042	0.928386	0.949409	-1.05329	0.0588484	3.42934	3.42934	0.993443	0.995266	-1.00476	0.778517	0.849725	-1.17685	0.122401	2.62958	2.62958	0.185356	2.25047	2.25047	0.00166314	13.4381	13.4381	0.382566	1.67725	1.67725	3.55505	18.7797	4.6956	1
cg20813081	GFI1;GFI1;GFI1	0.0478232	0.841611	1.16153	1.16153	0.00373168	18.7486	18.7486	0.461472	1.75256	1.75256	0.568605	1.53917	1.53917	0.807913	0.833357	-1.19997	0.163252	3.04562	3.04562	0.751094	0.788074	-1.26892	0.00640216	14.2226	14.2226	0.163334	3.04486	3.04486	3.44577	30.5672	7.88528	1
cg25061061	GFI1;GFI1;GFI1	0.0497308	0.835644	0.903782	-1.10646	0.696846	0.82642	-1.21004	0.00161645	0.110687	-9.03449	0.690585	1.21512	1.21512	0.222021	1.86826	1.86826	0.845432	1.09971	1.09971	0.640515	0.795306	-1.25738	0.514504	0.724777	-1.37974	0.0472077	0.33095	-3.02161	3.39509	12.7513	3.33848	1
cg11785652	GFI1;GFI1;GFI1;GFI1	0.00175811	0.145811	2.69575	2.69575	0.00437484	11.2135	11.2135	0.010396	7.76145	7.76145	0.176953	0.401964	-2.48778	0.344828	0.539077	-1.85502	0.969433	0.97596	-1.02463	0.00610003	9.71162	9.71162	8.84E-05	86.4538	86.4538	0.175647	2.49552	2.49552	10.0099	63.9332	5.67734	1
cg20244474	GFI1;GFI1;GFI1;GFI1	0.00769901	0.0508742	3.71744	3.71744	0.0153236	5.79565	5.79565	0.196929	2.23737	2.23737	0.761256	0.835364	-1.19708	0.365889	0.577876	-1.73047	0.587943	1.38117	1.38117	0.00207365	12.9295	12.9295	0.000674547	21.5193	21.5193	0.249792	2.03398	2.03398	6.42106	35.4377	4.90576	1
cg12658925	GFI1B;GFI1B	1.16E-05	7.69E-05	0.221887	-4.50679	0.000113296	0.240562	-4.15694	0.000152986	0.255511	-3.91373	0.014151	0.529241	-1.8895	0.595755	1.11911	1.11911	9.99E-05	0.234449	-4.26532	4.14E-07	0.0484488	-20.6403	0.000385895	0.304147	-3.28788	0.929932	0.981686	-1.01866	39.0636	27.3293	0.621876	1
cg20143773	GFI1B;GFI1B	0.00816744	0.0110148	0.446334	-2.24047	0.293238	0.758975	-1.31757	0.00159242	0.317875	-3.14589	0.00892804	0.431107	-2.31961	0.00858982	0.428344	-2.33457	0.0205298	0.493654	-2.02571	0.00498506	0.390589	-2.56024	0.0826004	0.614912	-1.62625	0.925798	1.02384	1.02384	6.3029	6.3867	0.900706	1
cg14457284	GFI1B;GFI1B	0.0111131	0.135126	0.445642	-2.24395	0.000350606	0.0559641	-17.8686	0.0124509	0.210026	-4.76132	0.361219	0.624391	-1.60156	0.0189208	0.240188	-4.1634	0.434004	0.669924	-1.49271	0.0339509	0.288727	-3.46348	0.0424728	0.309626	-3.2297	0.128955	0.438981	-2.278	5.71365	22.7858	3.54485	1
cg14020186	GFI1B;GFI1B	0.0139883	0.481892	0.683639	-1.46276	0.0917452	0.372379	-2.68544	0.0036498	0.12343	-8.10174	0.467715	1.48165	1.48165	0.0886405	0.368118	-2.71652	0.0626777	0.328078	-3.04806	0.00245024	0.10619	-9.41708	0.007179	0.157762	-6.33867	0.107442	0.392655	-2.54676	5.30134	23.7693	3.98546	1
cg00629585	GFI1B;GFI1B	0.0162497	0.0542899	2.04467	2.04467	0.975838	1.00997	1.00997	0.934552	1.02726	1.02726	0.0287001	2.32819	2.32819	0.0999556	1.80463	1.80463	0.050205	2.07746	2.07746	0.00118628	4.74433	4.74433	0.00495065	3.38294	3.38294	0.230459	1.50985	1.50985	5.04492	8.56965	1.50993	1
cg05001389	GFI1B;GFI1B	0.0327888	0.0613145	0.317449	-3.15011	0.00217882	0.0963182	-10.3823	0.0167693	0.204196	-4.89726	0.284924	0.546348	-1.83033	0.0682267	0.329145	-3.03817	0.118728	0.397855	-2.51348	0.0378154	0.269596	-3.70925	0.0376583	0.269217	-3.71448	0.250973	0.520585	-1.92091	3.95917	18.5728	4.16984	1
cg22511808	GFM1	0.000496631	0.00146891	0.19521	-5.12268	0.00296727	0.234373	-4.2667	0.000972652	0.174437	-5.73272	0.014597	0.342974	-2.91568	5.75E-05	0.0702989	-14.225	0.000482651	0.14261	-7.01211	0.13619	0.564803	-1.77053	0.0371274	0.422733	-2.36556	0.000623865	0.153772	-6.50314	14.3173	28.7048	1.78213	1
cg04337056	GFM1	0.000570831	0.0580878	1.65357	1.65357	0.00264448	0.376531	-2.65583	0.25387	1.32283	1.32283	0.0335849	0.558291	-1.79118	0.00179248	0.352312	-2.83839	0.393892	0.814603	-1.22759	0.000413429	3.72824	3.72824	0.0230488	1.89302	1.89302	0.00272286	0.378383	-2.64282	13.7739	12.027	0.776157	1
cg21586613	GFM1	0.0015006	0.0282209	0.354119	-2.82391	0.332095	0.669709	-1.49319	0.0125945	0.288502	-3.46619	0.0680506	0.440984	-2.26766	0.00204152	0.175203	-5.70766	0.000809106	0.132052	-7.57277	0.000101749	0.0634083	-15.7708	0.997386	1.00131	1.00131	0.00905525	0.264723	-3.77754	10.4784	26.6412	2.25999	1
cg03802272	GFM1	0.00155081	0.0554937	0.389403	-2.56803	0.000266219	0.0741683	-13.4829	0.711706	0.851028	-1.17505	0.212951	0.565522	-1.76828	0.00129372	0.130401	-7.66864	0.00615811	0.211639	-4.72502	0.00470549	0.195484	-5.11551	0.00452111	0.193166	-5.17688	0.000777603	0.109747	-9.11186	10.3795	31.0436	2.65854	1
cg26055776	GFM1	0.00451346	0.431117	0.90239	-1.10817	0.510737	0.918265	-1.08901	0.324743	0.878111	-1.13881	0.215957	0.846667	-1.1811	0.0774135	0.778089	-1.2852	0.0914761	0.788561	-1.26813	6.47E-05	0.391357	-2.55521	0.134343	1.22919	1.22919	0.935629	0.989728	-1.01038	7.57086	1.95897	0.230002	1
cg20592884	GFM1	0.0093596	0.00796699	0.713128	-1.40227	0.411663	0.919951	-1.08701	0.222793	0.880441	-1.13579	0.071675	1.22127	1.22127	0.549388	1.06206	1.06206	0.0115201	1.36902	1.36902	0.00319452	0.670246	-1.49199	0.100304	0.836147	-1.19596	0.730476	0.966212	-1.03497	6.03675	0.944522	0.139077	1
cg25199935	GFM1	0.034311	0.662246	0.945867	-1.05723	0.269714	0.864566	-1.15665	0.0775515	1.28199	1.28199	0.880625	0.981152	-1.01921	0.365333	1.12499	1.12499	0.115425	0.805171	-1.24197	0.00320805	0.600902	-1.66416	0.111778	0.803093	-1.24519	0.140171	1.22257	1.22257	3.89502	0.988986	0.225698	1
cg04494991	GFM1;GFM1	0.0472509	0.0510628	0.810248	-1.23419	0.0124936	0.745065	-1.34216	0.98209	1.00213	1.00213	0.471184	1.07188	1.07188	0.738654	1.03222	1.03222	0.348395	1.09573	1.09573	0.140817	1.16185	1.16185	0.805987	0.976967	-1.02358	0.0214785	1.29899	1.29899	3.46146	0.491608	0.126243	1
cg14019186	GFM1;LXN	0.0227535	0.0449913	9.63198	9.63198	0.0868269	6.43667	6.43667	0.0555917	8.46334	8.46334	0.184181	4.00267	4.00267	0.0233009	14.4288	14.4288	0.0253042	13.7116	13.7116	0.00430714	42.8655	42.8655	0.00663578	32.1012	32.1012	0.0258331	13.5376	13.5376	4.50154	69.1102	13.6467	1
cg03874720	GFM2;GFM2;GFM2	0.0222257	0.000784832	0.239128	-4.18186	0.423999	0.794454	-1.25873	0.0454815	0.523924	-1.90868	0.792427	1.07715	1.07715	0.420274	0.792918	-1.26116	0.0267279	0.477248	-2.09535	0.710164	1.11093	1.11093	0.751114	1.09381	1.09381	0.0787348	0.576833	-1.7336	4.53802	5.70738	1.11794	1
cg10617287	GFM2;GFM2;GFM2;GFM2;NSA2;GFM2;GFM2	0.00309311	0.00579548	1.90328	1.90328	0.868863	0.971006	-1.02986	0.902584	0.978433	-1.02204	0.364063	0.846975	-1.18067	0.00410258	0.503762	-1.98506	0.0012818	0.433451	-2.30707	0.0120857	0.572825	-1.74573	0.0487388	1.49303	1.49303	0.359268	1.18275	1.18275	8.48077	4.25867	0.446361	1
cg03979643	GFM2;GFM2;GFM2;GFM2;NSA2;GFM2;GFM2	0.0480324	0.447982	1.27463	1.27463	0.0160106	2.52239	2.52239	0.0349387	2.16238	2.16238	0.505942	0.809146	-1.23587	0.717608	0.892291	-1.12071	0.555934	0.82953	-1.2055	0.0133074	0.381987	-2.61789	0.967796	1.01275	1.01275	0.377442	1.32867	1.32867	3.44009	5.36436	1.3861	1
cg12207922	GFM2;GFM2;NSA2;GFM2	0.0342468	0.286942	0.821417	-1.21741	0.105197	1.37021	1.37021	0.684622	1.07535	1.07535	0.00268973	0.478096	-2.09163	0.585726	0.906723	-1.10287	0.220756	1.25739	1.25739	0.500821	1.12927	1.12927	0.0982969	1.3807	1.3807	0.150326	1.31563	1.31563	3.89766	1.95398	0.445618	1
cg14949271	GFOD1	0.000510807	0.0015989	0.747454	-1.33788	0.000558724	0.708863	-1.41071	0.00663301	0.79731	-1.25422	0.700531	1.02515	1.02515	0.294967	0.93256	-1.07232	0.0214753	1.19433	1.19433	0.000212985	1.4884	1.4884	0.442803	0.95094	-1.05159	0.235135	0.923124	-1.08328	14.206	0.929783	0.0581779	1
cg26738980	GFOD1	0.00397244	0.346479	0.893303	-1.11944	0.020997	1.38147	1.38147	0.0768315	0.79532	-1.25735	0.330058	0.889607	-1.12409	0.696459	0.9554	-1.04668	0.422007	1.10016	1.10016	0.000103656	2.22341	2.22341	0.87633	0.982039	-1.01829	0.312492	1.12929	1.12929	7.86887	1.688	0.190681	1
cg00194146	GFOD1	0.00512097	0.283615	0.729572	-1.37067	0.000285785	5.34734	5.34734	0.0682346	1.78229	1.78229	0.858523	0.950753	-1.0518	0.0349886	0.498879	-2.00449	0.234938	1.42241	1.42241	0.0550042	0.540188	-1.85121	0.161123	0.654677	-1.52747	0.524255	0.833056	-1.2004	7.2852	9.24313	1.12778	1
cg00048178	GFOD1	0.00898915	0.264194	0.875041	-1.1428	0.5783	1.06652	1.06652	0.0156816	1.40454	1.40454	0.189982	0.852815	-1.17259	0.0146334	0.708374	-1.41168	0.058891	0.782944	-1.27723	0.000905393	0.565889	-1.76713	0.611699	1.06048	1.06048	0.484596	0.921766	-1.08487	6.11471	1.27399	0.185199	1
cg20770512	GFOD1	0.0114716	0.0429301	0.631385	-1.58382	0.128883	1.38252	1.38252	0.055992	0.652281	-1.53308	0.302802	1.23452	1.23452	0.0559547	0.652227	-1.53321	0.39188	1.18904	1.18904	0.288732	0.804626	-1.24281	0.00202347	2.36161	2.36161	0.0850145	0.686675	-1.45629	5.65538	3.48945	0.548457	1
cg10721556	GFOD1	0.0148493	0.092809	1.27546	1.27546	0.0127938	1.50207	1.50207	0.00900795	1.54786	1.54786	0.0380343	1.37219	1.37219	0.0280253	1.40699	1.40699	0.251234	1.17083	1.17083	0.00197378	1.77749	1.77749	0.438381	1.10959	1.10959	0.319532	0.873422	-1.14492	5.19801	1.42498	0.243679	1
cg07635744	GFOD1	0.0271102	0.912389	1.0212	1.0212	0.518311	0.882649	-1.13295	0.697861	0.928336	-1.0772	0.478133	0.871567	-1.14736	0.0029302	0.458872	-2.17926	0.229003	1.27205	1.27205	0.006232	1.97313	1.97313	0.747874	1.06341	1.06341	0.839252	0.962024	-1.03948	4.23561	2.43739	0.511513	1
cg10044839	GFOD1;C6orf114	0.0124939	0.00411672	1.85037	1.85037	0.465457	0.887999	-1.12613	0.270231	0.832285	-1.20151	0.614105	0.921913	-1.0847	0.00379169	0.53552	-1.86734	0.596646	1.08916	1.08916	0.375982	1.15638	1.15638	0.0307334	1.50052	1.50052	0.171557	0.792341	-1.26208	5.50091	2.2279	0.360005	1
cg23640903	GFOD1;C6orf114;GFOD1	0.038574	0.175143	0.866565	-1.15398	0.0621208	1.23195	1.23195	0.129956	1.17641	1.17641	0.682649	1.04167	1.04167	0.0354092	1.27544	1.27544	0.729454	0.966104	-1.03509	0.0173365	0.749889	-1.33353	0.0887766	0.829895	-1.20497	0.312924	1.10924	1.10924	3.73259	0.583182	0.138881	1
cg01951491	GFOD2;GFOD2	0.0112729	0.00835765	0.303584	-3.29398	0.799988	0.914106	-1.09396	0.0519527	0.457386	-2.18634	0.0873707	0.512929	-1.94959	0.00312116	0.239354	-4.17792	0.00130668	0.190976	-5.23625	0.0603688	0.47273	-2.11537	0.0962221	0.524055	-1.9082	0.028826	0.401777	-2.48894	5.68739	11.2716	1.76166	1
cg03341655	GFOD2;GFOD2	0.0121306	0.096647	1.3205	1.3205	0.297546	1.17894	1.17894	0.475523	1.11695	1.11695	0.0661223	0.73036	-1.36919	0.11883	1.29442	1.29442	0.364635	1.15258	1.15258	0.000388939	2.3684	2.3684	0.539799	0.90972	-1.09924	0.394925	0.875627	-1.14204	5.55395	2.04384	0.327109	1
cg09616692	GFOD2;GFOD2	0.0264621	0.837057	0.958768	-1.04301	0.00113817	0.375847	-2.66066	0.0463224	1.59472	1.59472	0.536698	1.13646	1.13646	0.908461	1.0238	1.0238	0.954717	0.988456	-1.01168	0.373278	1.20549	1.20549	0.711252	1.07899	1.07899	0.0964485	0.688538	-1.45235	4.27168	2.82844	0.588567	1
cg02072114	GFOD2;GFOD2;GFOD2	0.000373955	0.23853	0.832377	-1.20138	0.786833	1.04111	1.04111	0.0728822	0.742791	-1.34627	0.245146	0.834708	-1.19802	0.000227587	0.402319	-2.48559	0.0301163	0.684525	-1.46087	1.17E-05	0.251835	-3.97085	0.246986	1.19711	1.19711	0.310855	1.16863	1.16863	15.4848	5.41675	0.310944	1
cg25640176	GFOD2;GFOD2;GFOD2	0.0093883	0.000622716	0.331464	-3.01692	0.0416233	0.610938	-1.63683	0.51712	1.14772	1.14772	0.235166	0.770267	-1.29825	0.0930002	1.47357	1.47357	0.148329	1.3844	1.3844	0.0810484	1.50049	1.50049	0.17659	0.739815	-1.35169	0.519245	0.871915	-1.1469	6.03087	4.20342	0.619542	1
cg07591442	GFPT1	0.00157463	0.562973	0.797253	-1.25431	0.0317227	2.65268	2.65268	0.18896	0.583207	-1.71466	0.3428	1.46034	1.46034	8.30E-05	0.0642142	-15.5729	0.756592	1.12802	1.12802	0.00547759	0.242885	-4.11717	0.176091	0.572753	-1.74595	0.00439492	0.229124	-4.36445	10.334	24.5689	2.11332	1
cg11481133	GFPT1	0.0025566	0.155055	0.762837	-1.3109	0.00443957	0.508988	-1.96468	0.00199919	0.460191	-2.17301	0.711092	1.06843	1.06843	0.0374727	0.65084	-1.53648	0.217558	1.25958	1.25958	0.00792185	1.83274	1.83274	0.934576	0.9855	-1.01471	0.00152505	0.444041	-2.25204	8.97269	4.4975	0.445549	1
cg14476487	GFPT1	0.00582493	0.161427	0.505578	-1.97793	0.00723489	4.85785	4.85785	0.309578	0.619042	-1.6154	0.699561	1.19347	1.19347	0.000723411	0.0958081	-10.4375	0.171895	1.94113	1.94113	0.0352771	0.326859	-3.05942	0.120243	0.463617	-2.15695	0.0594666	0.378984	-2.63863	7.00282	23.0707	2.92844	1
cg25195673	GFPT1	0.00897477	0.0153339	0.486094	-2.05722	0.639044	1.12132	1.12132	0.247369	0.74591	-1.34064	0.798329	1.06402	1.06402	0.000550256	0.272419	-3.67082	0.774191	0.932654	-1.07221	0.00658027	0.425142	-2.35216	0.0200671	0.506652	-1.97374	0.0973682	0.64344	-1.55415	6.11782	5.6922	0.827049	1
cg08646988	GFPT1;GFPT1	0.000855662	0.363148	0.82871	-1.2067	0.161468	1.35067	1.35067	0.900374	1.0255	1.0255	0.379309	0.834172	-1.19879	0.00979866	0.518686	-1.92795	0.0350952	0.610467	-1.63809	1.18E-05	0.155011	-6.45117	0.368063	0.830386	-1.20426	0.0557468	0.64679	-1.5461	12.2968	7.87069	0.568941	1
cg07499317	GFPT2	0.000859166	0.000415709	0.205178	-4.87381	0.000786671	0.237983	-4.20198	0.00150748	0.274386	-3.6445	0.00477661	0.346625	-2.88496	0.022939	0.463196	-2.15891	0.532552	0.836272	-1.19578	0.00195831	0.289892	-3.44956	0.230336	1.42753	1.42753	0.000968113	0.249272	-4.01169	12.2827	15.5629	1.12628	1
cg26620370	GFPT2	0.00207417	0.293487	0.724961	-1.37938	0.774104	0.91857	-1.08865	0.0115368	0.393586	-2.54074	0.423204	1.27308	1.27308	0.000483654	0.19885	-5.0289	0.236048	1.44266	1.44266	0.000182866	0.154558	-6.47007	0.765143	0.91537	-1.09245	0.666925	1.13632	1.13632	9.54006	13.163	1.22645	1
cg26723928	GFPT2	0.00272577	0.0103741	0.395358	-2.52936	0.373208	0.768915	-1.30053	0.151697	0.643063	-1.55506	0.567896	0.847093	-1.18051	0.000707363	0.226862	-4.40797	0.000199307	0.166006	-6.02387	0.2173	0.688581	-1.45226	0.874267	0.955499	-1.04657	0.00391589	0.327532	-3.05313	8.80465	11.5225	1.16327	1
cg25959792	GFPT2	0.00694989	0.948969	0.985213	-1.01501	0.1912	1.38003	1.38003	0.290996	0.774881	-1.29052	0.622229	1.12254	1.12254	0.000103883	0.202396	-4.9408	0.738206	1.0812	1.0812	0.74186	1.07997	1.07997	0.252885	0.757327	-1.32043	0.548359	1.15184	1.15184	6.62995	5.68853	0.76267	1
cg22667294	GFPT2	0.00756729	0.884193	0.971302	-1.02955	0.770362	0.943201	-1.06022	0.0187189	0.565962	-1.7669	0.757579	0.94002	-1.06381	0.000206062	0.288817	-3.4624	0.249328	1.27194	1.27194	0.275581	1.25433	1.25433	0.82072	1.04639	1.04639	0.0683535	0.665182	-1.50335	6.45591	4.08099	0.561894	1
cg18792381	GFPT2	0.0100742	0.0186175	0.353522	-2.82868	0.243181	0.640732	-1.56072	0.00543801	0.263645	-3.79299	0.0875603	0.502869	-1.98859	0.000992088	0.168083	-5.94944	0.387791	1.38078	1.38078	0.0446741	0.431634	-2.31678	0.0142188	0.332065	-3.01146	0.129298	0.55023	-1.81742	5.89665	12.408	1.87043	1
cg09444392	GFPT2	0.0110061	0.000538555	0.121098	-8.25775	0.165036	0.559435	-1.78752	0.134838	1.88181	1.88181	0.866409	0.936101	-1.06826	0.607786	1.22511	1.22511	0.0933974	2.06214	2.06214	0.1511	0.546957	-1.8283	0.886276	0.945422	-1.05773	0.0279475	0.361119	-2.76917	5.73149	13.9623	2.16539	1
cg11891860	GFPT2	0.0139478	0.140709	1.32327	1.32327	0.00215488	2.14145	2.14145	0.0149795	1.69677	1.69677	0.590687	1.10073	1.10073	0.837804	1.0369	1.0369	0.00536921	1.91181	1.91181	0.0137812	1.71287	1.71287	0.817017	0.959858	-1.04182	0.497279	0.88531	-1.12955	5.3064	2.62602	0.439892	1
cg12984014	GFPT2	0.0140499	0.64592	1.10381	1.10381	0.366532	0.820324	-1.21903	0.0560289	0.629969	-1.58738	0.945287	0.985454	-1.01476	0.000288662	0.282863	-3.53528	0.396249	1.20379	1.20379	0.323264	1.24336	1.24336	0.478116	0.857298	-1.16646	0.785333	1.06002	1.06002	5.29369	3.82152	0.641689	1
cg17202909	GFPT2	0.0169762	0.341929	1.18293	1.18293	0.827492	0.963251	-1.03815	0.661612	1.07849	1.07849	0.77901	1.04945	1.04945	0.00216175	0.477762	-2.09309	0.342303	1.18277	1.18277	0.0111608	1.72576	1.72576	0.0690796	0.705415	-1.4176	0.104797	0.737767	-1.35544	4.97181	2.31756	0.414347	1
cg10220068	GFPT2	0.0278685	0.011944	0.074399	-13.441	0.0742019	0.192432	-5.19664	0.0411367	0.142019	-7.04131	0.0394833	0.139052	-7.19157	0.0164865	0.0883016	-11.3248	0.147646	0.276142	-3.62133	0.00663146	0.0539941	-18.5205	0.0254885	0.110907	-9.01656	0.0419928	0.143533	-6.96706	4.19473	45.5857	9.65988	1
cg18602314	GFPT2	0.0442267	0.354158	1.1087	1.1087	0.260473	1.13548	1.13548	0.00670238	1.46327	1.46327	0.0567286	0.791791	-1.26296	0.133878	1.19125	1.19125	0.0799632	1.23406	1.23406	0.282792	1.12841	1.12841	0.16927	0.853407	-1.17177	0.264513	1.13416	1.13416	3.54845	0.658551	0.164967	1
cg00008544	GFPT2	0.0487149	0.00922616	0.175984	-5.68232	0.0780736	0.357302	-2.79875	0.189048	0.481209	-2.0781	0.548713	0.726879	-1.37574	0.00563518	0.148078	-6.75321	0.0812323	0.361992	-2.76249	0.527749	1.39979	1.39979	0.112841	0.403623	-2.47756	0.544695	0.724492	-1.38028	3.42178	14.9766	3.89053	1
cg10878412	GFPT2;GFPT2	0.0356624	0.705502	0.967613	-1.03347	0.375592	0.924172	-1.08205	0.443811	1.07005	1.07005	0.57476	0.952031	-1.05039	0.0201759	0.784297	-1.27503	0.579091	0.952571	-1.04979	0.0019474	0.68387	-1.46227	0.223051	1.11742	1.11742	0.388473	1.07966	1.07966	3.84095	0.457454	0.105866	1
cg24012811	GFRA1	0.00718226	0.028032	0.39653	-2.52188	0.00171659	0.202895	-4.92865	0.227539	0.636665	-1.57068	0.0248233	0.385913	-2.59126	0.00547963	0.272045	-3.67586	0.743131	0.889398	-1.12436	0.00157318	0.198245	-5.04426	0.0108013	0.319413	-3.13074	0.0646331	0.477215	-2.09549	6.56227	13.2038	1.78851	1
cg25039498	GFRA1;GFRA1;GFRA1	0.000623017	0.00030519	0.314373	-3.18094	0.309149	1.23076	1.23076	0.490627	0.870992	-1.14812	0.00471027	0.476714	-2.09769	0.0001227	0.266576	-3.75127	0.207204	0.769211	-1.30003	0.000285729	0.310806	-3.21744	0.408963	0.84654	-1.18128	0.00784793	0.510179	-1.9601	13.4419	8.28471	0.547852	1
cg11371706	GFRA1;GFRA1;GFRA1	0.00259526	0.0957414	0.822226	-1.21621	0.00186502	0.623657	-1.60345	0.0891887	0.818314	-1.22202	0.069106	0.804469	-1.24306	0.44146	0.919463	-1.08759	0.0330128	1.30565	1.30565	0.000536982	1.77908	1.77908	0.743928	1.03569	1.03569	0.134603	0.8415	-1.18835	8.93309	1.61903	0.161102	1
cg03503087	GFRA1;GFRA1;GFRA1	0.0057049	0.154195	0.808388	-1.23703	0.660182	0.940165	-1.06364	0.00013515	2.5136	2.5136	0.269041	1.17413	1.17413	0.925778	0.98709	-1.01308	0.669676	0.941912	-1.06167	0.326691	0.868308	-1.15166	0.0501536	0.732403	-1.36537	0.798035	0.964872	-1.03641	7.04787	2.17079	0.273783	1
cg06039355	GFRA1;GFRA1;GFRA1	0.011771	0.838345	0.98219	-1.01813	0.000324635	1.66747	1.66747	0.110416	1.16538	1.16538	0.691268	0.965493	-1.03574	0.314361	1.09585	1.09585	0.0894306	1.17909	1.17909	0.902178	0.989241	-1.01088	0.0306485	1.25033	1.25033	0.0259916	1.26171	1.26171	5.60843	0.687448	0.108955	1
cg06298519	GFRA1;GFRA1;GFRA1	0.0127379	0.0535926	0.667419	-1.49831	0.0180874	1.69824	1.69824	0.361708	1.1888	1.1888	0.0119926	0.560951	-1.78269	0.100336	0.717434	-1.39386	0.043981	0.652479	-1.53262	0.0198465	1.67992	1.67992	0.189123	0.773668	-1.29254	0.661798	1.08458	1.08458	5.46636	2.94583	0.479023	1
cg18324824	GFRA1;GFRA1;GFRA1	0.012965	0.0125906	0.527228	-1.89671	0.335677	0.814793	-1.2273	0.0416469	0.615979	-1.62343	0.00403433	0.450754	-2.21851	0.00414898	0.452562	-2.20964	0.0043903	0.456222	-2.19192	0.0266606	0.581643	-1.71927	0.648515	0.909662	-1.09931	0.224302	0.768464	-1.3013	5.43493	3.6639	0.599234	1
cg23453238	GFRA1;GFRA1;GFRA1	0.0148349	0.715036	1.06489	1.06489	0.134922	1.31827	1.31827	0.00485521	1.8971	1.8971	0.62198	1.08894	1.08894	0.0605051	0.695658	-1.43749	0.0330756	1.53303	1.53303	0.0207973	1.61139	1.61139	0.0356495	1.52081	1.52081	0.0835162	0.720053	-1.38879	5.19968	2.42081	0.413838	1
cg26993007	GFRA1;GFRA1;GFRA1	0.0175015	0.113405	0.799297	-1.2511	0.0308525	1.39055	1.39055	0.85508	1.02406	1.02406	0.00922988	0.650678	-1.53686	0.0530987	0.751414	-1.33082	0.349469	0.882278	-1.13343	0.0219481	1.42968	1.42968	0.078491	1.28937	1.28937	0.948718	0.99167	-1.0084	4.92132	1.31809	0.238074	1
cg03885119	GFRA1;GFRA1;GFRA1	0.0240378	0.042522	0.688632	-1.45216	0.317848	1.17929	1.17929	0.774882	0.955234	-1.04686	0.971119	1.0058	1.0058	0.128792	1.29976	1.29976	0.0308685	1.49913	1.49913	0.00226394	1.97843	1.97843	0.251325	0.825782	-1.21097	0.50737	1.11341	1.11341	4.41699	1.78456	0.359132	1
cg13440947	GFRA1;GFRA1;GFRA1	0.0246984	0.0745713	0.602819	-1.65887	0.160157	1.46573	1.46573	0.334138	0.775836	-1.28893	0.223826	0.722076	-1.3849	0.00163587	0.316828	-3.15629	0.0791135	0.60852	-1.64333	0.0155465	0.469502	-2.12992	0.853687	0.954051	-1.04816	0.173811	0.691639	-1.44584	4.37565	4.49924	0.913995	1
ch.10.2480690F	GFRA1;GFRA1;GFRA1	0.0317988	0.0093798	0.284994	-3.50885	0.0195412	0.341158	-2.93119	0.00428161	0.233137	-4.28933	0.0984603	0.501294	-1.99484	0.0689236	0.460385	-2.17209	0.0378262	0.399405	-2.50372	0.0505546	0.427791	-2.33759	0.187036	0.586877	-1.70393	0.241892	0.627019	-1.59485	4.0029	9.20649	2.04441	1
cg01261351	GFRA1;GFRA1;GFRA1	0.0344392	0.0352579	6.90672	6.90672	0.0787104	4.65933	4.65933	0.443992	1.8497	1.8497	0.56887	1.57427	1.57427	0.0352329	6.90913	6.90913	0.186022	3.0192	3.0192	0.00852276	14.0925	14.0925	0.00946217	13.3497	13.3497	0.0127238	11.4711	11.4711	3.88978	38.2622	8.74365	1
cg17870357	GFRA1;GFRA1;GFRA1	0.0360223	0.227704	0.825303	-1.21168	0.39024	0.875032	-1.14282	0.93532	0.987768	-1.01238	0.511968	0.904068	-1.10611	0.762182	1.0471	1.0471	0.274397	1.18821	1.18821	0.000804891	2.1529	2.1529	0.915964	0.984123	-1.01613	0.678174	1.06532	1.06532	3.82698	1.39355	0.32368	1
cg05870439	GFRA1;GFRA1;GFRA1	0.0471696	0.0227879	0.582973	-1.71535	0.742212	1.06754	1.06754	0.939954	1.01503	1.01503	0.925326	1.01874	1.01874	0.0062903	0.494219	-2.02339	0.25465	1.26557	1.26557	0.0593054	1.52438	1.52438	0.549955	1.12725	1.12725	0.945396	1.01366	1.01366	3.46371	2.15103	0.552016	1
cg18672939	GFRA1;GFRA1;GFRA1;GFRA1	0.000601026	0.65059	1.16013	1.16013	0.689614	1.1397	1.1397	0.312249	1.40565	1.40565	0.0216951	0.407495	-2.45402	?	?	?	1.18E-05	0.0488561	-20.4683	0.392278	1.33041	1.33041	0.947369	0.978726	-1.02174	0.182412	1.58557	1.58557	13.9063	20.772	1.49371	1
cg13346013	GFRA1;GFRA1;GFRA1;GFRA1	0.0177051	0.000698607	0.617703	-1.6189	0.437536	1.07658	1.07658	0.115605	1.17277	1.17277	0.772805	1.02734	1.02734	0.640486	0.957123	-1.0448	0.770348	0.973096	-1.02765	0.0228027	0.775799	-1.28899	0.320591	0.90881	-1.10034	0.557389	1.05684	1.05684	4.90226	0.673995	0.12221	1
cg23898073	GFRA1;GFRA1;GFRA1;GFRA1	0.0365212	0.056251	1.2734	1.2734	0.0128865	1.41225	1.41225	0.00653573	1.48441	1.48441	0.223061	0.866644	-1.15388	0.175903	1.17455	1.17455	0.395363	1.1022	1.1022	0.617881	0.945327	-1.05783	0.326751	1.11984	1.11984	0.282898	0.88273	-1.13285	3.80788	0.753726	0.175945	1
cg01420889	GFRA2;GFRA2;GFRA2	0.000371535	0.849598	0.977137	-1.0234	0.000190032	0.464694	-2.15195	0.000127073	0.443798	-2.25328	0.132033	0.820338	-1.21901	0.0524185	1.30829	1.30829	0.220719	1.16982	1.16982	0.00381289	1.60851	1.60851	0.00381044	0.62166	-1.6086	0.0663721	0.778143	-1.28511	15.5125	3.64641	0.208945	1
cg17929997	GFRA2;GFRA2;GFRA2	0.00195534	0.00337231	0.400254	-2.49842	0.384858	0.814977	-1.22703	0.000299857	0.259085	-3.85974	0.0912602	0.652389	-1.53283	0.00403415	0.411918	-2.42767	0.0128051	0.491647	-2.03398	0.0519137	1.6618	1.6618	0.0028607	0.389698	-2.56609	0.253929	0.760648	-1.31467	9.70553	8.10598	0.742393	1
cg22276619	GFRA2;GFRA2;GFRA2	0.002126	0.941986	1.02413	1.02413	0.00195789	4.19543	4.19543	0.0069689	3.13718	3.13718	0.748465	1.11113	1.11113	0.00827212	0.330865	-3.02238	0.699877	1.13528	1.13528	0.0123194	0.360277	-2.77564	0.00193362	0.23764	-4.20805	0.446616	0.77562	-1.28929	9.47156	16.0942	1.51041	1
cg12935656	GFRA2;GFRA2;GFRA2	0.00291453	0.236052	0.774699	-1.29082	0.00571747	0.474746	-2.10639	0.048049	0.628387	-1.59138	0.837705	0.95871	-1.04307	0.575231	0.89012	-1.12344	0.527298	1.14074	1.14074	0.000153045	3.79879	3.79879	0.243202	0.77797	-1.2854	0.167933	0.739236	-1.35275	8.63186	5.77861	0.595067	1
cg16284000	GFRA2;GFRA2;GFRA2	0.00362803	0.321779	0.818632	-1.22155	0.0658524	0.667968	-1.49708	0.000967766	0.382776	-2.61249	0.655047	0.915838	-1.0919	0.0359118	0.620532	-1.61152	0.664961	0.918339	-1.08892	0.0687621	1.48922	1.48922	0.000412453	0.334168	-2.9925	0.0228981	0.58732	-1.70265	8.08631	4.89532	0.538118	1
cg25235068	GFRA2;GFRA2;GFRA2	0.00567027	0.0023168	0.262319	-3.81215	0.877807	1.04958	1.04958	0.918184	1.03284	1.03284	0.942039	0.977392	-1.02313	0.0019385	0.251805	-3.97133	0.175012	0.635319	-1.57401	0.234617	0.675839	-1.47964	0.00094661	0.21222	-4.71209	0.0171695	0.401202	-2.49251	7.06108	11.0603	1.39233	1
cg12131827	GFRA2;GFRA2;GFRA2	0.00600022	0.00590523	5.50372	5.50372	0.0858369	2.45691	2.45691	0.0914016	2.41146	2.41146	0.0636987	2.68338	2.68338	0.532989	1.34851	1.34851	0.0624663	2.69886	2.69886	0.000195012	19.4421	19.4421	0.00759647	5.08155	5.08155	0.0571027	2.77114	2.77114	6.93908	24.6405	3.15642	1
cg21150271	GFRA2;GFRA2;GFRA2	0.0089959	0.381804	0.876536	-1.14085	0.00663494	1.67805	1.67805	0.0528921	0.723806	-1.38159	0.520739	1.10036	1.10036	0.395728	1.1363	1.1363	0.0437916	1.40559	1.40559	0.000658069	2.15271	2.15271	0.279848	1.17945	1.17945	0.437384	1.12343	1.12343	6.11326	2.08974	0.303856	1
cg24930223	GFRA2;GFRA2;GFRA2	0.0149837	0.000419233	0.0426361	-23.4543	0.988716	1.00741	1.00741	0.373746	1.61389	1.61389	0.0870766	0.367179	-2.72347	?	?	?	0.726091	0.832137	-1.20173	0.981647	0.988061	-1.01208	0.378717	1.60543	1.60543	0.833549	0.895921	-1.11617	5.92212	22.2507	3.28756	1
cg03964515	GFRA2;GFRA2;GFRA2	0.0155108	0.278729	1.46442	1.46442	0.010715	0.337477	-2.96316	0.0239388	0.401524	-2.49051	0.0383421	0.443587	-2.25435	0.385135	1.35199	1.35199	0.21713	0.644155	-1.55242	0.00628467	3.33903	3.33903	0.859619	0.941803	-1.06179	0.774148	1.10235	1.10235	5.12356	9.30875	1.61498	1
cg03330485	GFRA2;GFRA2;GFRA2	0.0166307	0.0343633	7.24847	7.24847	0.0164995	10.496	10.496	0.146268	3.49603	3.49603	0.106547	4.11359	4.11359	0.0505874	5.97705	5.97705	0.019696	9.59086	9.59086	0.00190229	34.1417	34.1417	0.00932601	14.1069	14.1069	0.0252241	8.46387	8.46387	5.00608	51.0663	9.06742	1
cg24196612	GFRA2;GFRA2;GFRA2	0.0249193	0.797989	0.860168	-1.16256	0.015188	5.76272	5.76272	0.160635	2.41121	2.41121	0.931016	0.950424	-1.05216	0.00270096	0.0876741	-11.4059	0.430675	1.6038	1.6038	0.537746	1.44258	1.44258	0.214891	0.464531	-2.15271	0.167743	0.421688	-2.37142	4.36214	23.8276	4.85545	1
cg23716449	GFRA2;GFRA2;GFRA2	0.0258897	0.651555	1.48506	1.48506	0.00285223	35.5717	35.5717	0.0236222	10.4938	10.4938	0.59707	1.5905	1.5905	0.0135508	0.0701062	-14.2641	0.539107	1.71754	1.71754	0.582967	1.61986	1.61986	0.958335	1.04649	1.04649	0.946341	0.943133	-1.0603	4.30446	51.5841	10.6523	1
cg15997512	GFRA2;GFRA2;GFRA2	0.0376858	0.358597	2.1791	2.1791	0.00930775	15.2126	15.2126	0.0355539	7.53063	7.53063	0.65235	1.4538	1.4538	0.00930598	0.0657282	-15.2142	0.492304	1.77787	1.77787	0.613293	1.5227	1.5227	0.656217	0.690963	-1.44726	0.967046	0.966487	-1.03467	3.76455	40.591	9.58439	1
cg04302570	GFRA2;GFRA2;GFRA2	0.0424555	0.0444564	2.55308	2.55308	0.529966	0.7723	-1.29483	0.48971	0.752042	-1.32971	0.160505	1.83827	1.83827	0.14442	1.89021	1.89021	0.357855	1.46813	1.46813	0.00203916	5.84621	5.84621	0.494211	1.32568	1.32568	0.0635315	2.33318	2.33318	3.60288	9.41063	2.32176	1
cg18172084	GFRA3	4.58E-06	4.50E-05	0.182435	-5.48142	0.0115741	0.498767	-2.00494	0.0004625	0.297008	-3.36691	0.00107415	0.344949	-2.89898	0.000130674	0.231455	-4.3205	0.000430688	0.293107	-3.41173	1.22E-07	0.0244244	-40.9427	0.901201	1.02774	1.02774	8.25E-06	0.117233	-8.53005	49.6382	38.166	0.683452	1
cg04520047	GFRA3	0.000688581	0.796278	1.06153	1.06153	0.0341295	1.76944	1.76944	0.0405896	0.579393	-1.72594	0.112365	0.671009	-1.49029	0.00039713	0.27213	-3.67471	0.0580529	0.60989	-1.63964	8.66E-05	0.196749	-5.08262	0.702637	1.09257	1.09257	0.00131612	0.339936	-2.94173	13.071	11.0288	0.750011	1
cg21210529	GFRA3	0.000802849	0.00113808	0.194873	-5.13156	0.261093	1.49256	1.49256	0.0124385	0.345457	-2.89471	0.478327	0.781679	-1.2793	0.0843893	0.520826	-1.92003	0.00480507	0.278426	-3.59162	5.95E-05	0.0790568	-12.6491	0.00280188	0.244792	-4.08509	0.00278469	0.244426	-4.09123	12.5196	23.1522	1.64381	1
cg01759672	GFRA3	0.00124384	0.0130661	3.00113	3.00113	0.000737456	6.23464	6.23464	0.0918277	1.93968	1.93968	0.0631232	2.10882	2.10882	0.00116656	5.48269	5.48269	0.021638	2.67612	2.67612	0.0001878	9.48172	9.48172	0.000914198	5.86633	5.86633	0.783047	1.10354	1.10354	11.0579	22.3148	1.79378	1
cg04840828	GFRA3	0.00143147	0.000817941	0.221967	-4.50518	0.56443	0.84043	-1.18987	0.0327677	0.47458	-2.10712	0.0493654	0.512063	-1.95288	0.000307226	0.174007	-5.74689	0.0119286	0.392098	-2.55038	0.000352328	0.180293	-5.54652	0.479178	1.23944	1.23944	0.0322564	0.473194	-2.1133	10.6215	14.9787	1.25353	1
cg22657492	GFRA3	0.00143321	0.00908989	2.35485	2.35485	0.00215932	3.04261	3.04261	0.338075	0.774782	-1.29069	0.457305	0.822351	-1.21603	0.139966	0.66343	-1.50732	0.00162134	0.311202	-3.21335	0.000872695	0.275227	-3.63336	0.14107	1.50534	1.50534	0.565922	0.860755	-1.16177	10.6178	11.2275	0.939935	1
cg25663874	GFRA3	0.00208253	0.674139	0.911269	-1.09737	0.422502	0.835261	-1.19723	0.00984968	0.48835	-2.04771	0.713654	1.08435	1.08435	0.0820955	0.654921	-1.5269	0.0961434	0.669349	-1.49399	2.72E-05	0.162244	-6.16355	0.0666367	0.636448	-1.57122	0.0878747	0.661086	-1.51266	9.52888	7.2854	0.679609	1
cg22695379	GFRA3	0.00396995	0.0710621	0.597547	-1.67351	0.00163151	3.16583	3.16583	0.166916	1.45686	1.45686	0.00890606	2.33929	2.33929	0.011118	2.25431	2.25431	0.0221108	0.496229	-2.0152	0.17357	0.690921	-1.44734	0.776879	1.07525	1.07525	0.0865252	0.616627	-1.62173	7.87036	8.12803	0.917991	1
cg21767036	GFRA3	0.0226073	0.146285	0.58881	-1.69834	0.140406	1.7137	1.7137	0.467866	1.28515	1.28515	0.938721	0.974225	-1.02646	0.000886157	0.184208	-5.42865	0.598134	1.198	1.198	0.297473	0.692924	-1.44316	0.478646	1.27715	1.27715	0.068455	0.500189	-1.99925	4.51153	8.242	1.62389	1
cg21225170	GFRA3	0.0350491	0.0807515	0.616208	-1.62283	0.101277	0.638528	-1.5661	0.45538	0.826893	-1.20935	0.0179622	0.487305	-2.0521	0.00997416	0.443313	-2.25574	0.289844	0.759836	-1.31607	0.00281512	0.357429	-2.79776	0.813429	0.942607	-1.06089	0.336092	0.780384	-1.28142	3.86517	3.82611	0.879908	1
cg01668514	GFRA3	0.0437284	0.346685	1.28669	1.28669	0.100261	1.59744	1.59744	0.120583	0.64536	-1.54952	0.959438	1.01332	1.01332	0.354838	1.28094	1.28094	0.279031	0.746198	-1.34013	0.0888389	0.613727	-1.62939	0.6657	1.11971	1.11971	0.00377035	0.361717	-2.7646	3.56349	3.81878	0.952571	1
cg02990033	GFRA4;GFRA4	0.000131464	4.30E-05	0.172531	-5.79606	0.62446	0.894442	-1.11802	0.00305133	0.399514	-2.50304	0.0657574	1.59497	1.59497	0.000178727	0.238089	-4.2001	0.163333	1.39988	1.39988	3.31E-05	0.161711	-6.18385	0.729781	0.924594	-1.08156	0.357283	0.807301	-1.2387	20.5746	16.6583	0.719694	1
cg21784274	GFRA4;GFRA4	0.00081987	8.14E-05	0.309457	-3.23146	0.647697	1.0789	1.0789	0.654804	0.928411	-1.07711	0.689297	0.935816	-1.06859	0.801595	0.959292	-1.04244	0.866712	0.972654	-1.02811	5.96E-05	0.293629	-3.40565	0.0243978	0.642287	-1.55694	0.645786	0.926455	-1.07938	12.4458	5.37034	0.383553	1
cg24788194	GFRA4;GFRA4	0.00148687	0.0486137	0.842549	-1.18688	0.768944	0.977845	-1.02266	0.0908109	0.867881	-1.15223	0.109205	1.14208	1.14208	0.022606	0.812492	-1.23078	0.0409385	0.835738	-1.19655	0.000110802	0.596159	-1.6774	0.00390296	1.34381	1.34381	0.868821	1.01265	1.01265	10.5061	0.962575	0.0814403	1
cg12987910	GFRA4;GFRA4	0.00247274	0.00167402	0.374574	-2.6697	0.527353	0.869412	-1.1502	0.0145294	0.517953	-1.93068	0.594226	0.889145	-1.12468	0.0927297	0.667488	-1.49815	0.0941271	0.668862	-1.49508	8.90E-05	0.215857	-4.6327	0.0042659	0.433646	-2.30603	0.258314	0.772799	-1.294	9.06123	6.85253	0.67222	1
cg19545472	GFRA4;GFRA4	0.00267345	0.490757	1.19359	1.19359	0.186164	0.701625	-1.42526	0.000216155	0.20999	-4.76213	0.0156249	2.11572	2.11572	0.945116	1.01756	1.01756	0.0156854	2.1144	2.1144	0.0316205	0.528824	-1.89099	0.0701331	0.599366	-1.66843	0.664409	1.11668	1.11668	8.8552	8.96434	0.899845	1
cg14884373	GFRA4;GFRA4	0.00918211	0.18907	1.41515	1.41515	0.00723666	0.421105	-2.3747	0.00373176	0.376271	-2.65766	0.0171669	2.06433	2.06433	0.539331	1.16778	1.16778	0.186199	1.41875	1.41875	0.799661	1.06553	1.06553	0.365581	1.26113	1.26113	0.0410176	1.80129	1.80129	6.07361	5.99154	0.876877	1
cg15756928	GFRAL	0.000126126	0.254989	0.862214	-1.1598	0.000229499	0.466131	-2.14532	4.61E-05	0.382904	-2.61162	0.23679	1.16721	1.16721	2.00E-05	0.340727	-2.9349	0.279846	0.869239	-1.15043	0.131801	0.816347	-1.22497	0.000964903	0.541728	-1.84594	0.000976589	0.542365	-1.84378	20.8051	5.12719	0.219058	1
cg11823729	GFRAL	0.00021372	0.000211934	0.178059	-5.61611	0.000271945	0.189508	-5.27682	0.000354025	0.202077	-4.94862	0.00257612	0.312006	-3.20507	0.00023015	0.181799	-5.50058	0.0333074	0.499891	-2.00044	5.38E-05	0.122549	-8.15999	0.263574	0.722638	-1.38382	0.00358539	0.333059	-3.00247	18.0434	22.2018	1.09375	1
cg23978358	GFRAL	0.00150163	0.0472028	1.64418	1.64418	0.419084	0.834615	-1.19816	0.00156524	0.369727	-2.7047	0.0116545	0.501412	-1.99437	0.0152568	0.520798	-1.92013	0.00262525	0.401704	-2.4894	0.00321584	0.414599	-2.41197	0.0326105	1.72908	1.72908	0.00482364	0.440975	-2.2677	10.4763	7.95564	0.675016	1
cg14430410	GFRAL	0.0346008	0.0974925	0.714598	-1.39939	0.106634	0.722115	-1.38482	0.0955119	0.712893	-1.40274	0.730907	0.938193	-1.06588	0.0111039	0.555213	-1.80111	0.0519686	0.664573	-1.50473	0.687224	0.927931	-1.07767	0.0532841	0.666482	-1.50042	0.00254542	0.46125	-2.16802	3.88321	2.10036	0.480785	1
cg27365828	GFRAL	0.0356289	0.154647	1.54976	1.54976	0.0170077	0.433061	-2.30914	0.0311793	0.483259	-2.06928	0.39676	1.28345	1.28345	0.164722	1.53151	1.53151	0.363772	1.30787	1.30787	0.0179802	2.2858	2.2858	0.603669	1.16255	1.16255	0.820748	0.936819	-1.06744	3.84226	5.03255	1.16426	1
cg05946920	GGA1;GGA1;GGA1	0.00102488	0.563045	0.875201	-1.1426	0.0312227	0.561968	-1.77946	0.125955	0.685581	-1.45862	0.118397	0.679433	-1.47181	0.000262627	0.254735	-3.92565	0.0431913	0.58844	-1.69941	0.0679823	1.59364	1.59364	0.0010635	3.0134	3.0134	0.0150439	1.97643	1.97643	11.6848	9.61883	0.731727	1
cg21221948	GGA1;GGA1;GGA1	0.00436155	0.542804	1.0644	1.0644	0.0398479	1.27219	1.27219	0.934828	1.00832	1.00832	0.000871638	0.602906	-1.65863	0.0284276	0.769467	-1.2996	0.921004	0.99	-1.0101	0.00197064	0.642048	-1.55752	0.971702	1.0036	1.0036	0.0707658	1.227	1.227	7.64985	1.24377	0.144522	1
cg23652354	GGA1;GGA1;GGA1	0.00465492	0.0437848	1.63852	1.63852	0.526429	1.14656	1.14656	0.77772	0.94148	-1.06216	0.0721282	1.53369	1.53369	0.834827	0.956486	-1.04549	0.606795	1.11696	1.11696	0.000105634	0.23248	-4.30145	0.671593	0.913142	-1.09512	0.840766	1.04379	1.04379	7.50022	5.39288	0.639137	1
cg07064364	GGA1;GGA1;GGA1	0.0147395	0.00109932	0.153374	-6.52	0.695044	0.857717	-1.16589	0.377036	1.42351	1.42351	0.0223887	2.90354	2.90354	0.0930528	0.486848	-2.05403	0.679054	0.85037	-1.17596	0.680835	0.851189	-1.17483	0.940799	1.02936	1.02936	0.0273736	0.361755	-2.7643	5.21078	12.5245	2.1365	1
cg06184926	GGA2	0.00422045	0.000763663	0.265771	-3.76264	0.42738	0.810106	-1.23441	0.180544	0.691067	-1.44704	0.00383885	0.363248	-2.75294	0.00193397	0.319797	-3.12698	0.00951974	0.425912	-2.3479	0.0309906	0.517815	-1.93119	0.673953	1.11624	1.11624	0.00846979	0.417497	-2.39523	7.72635	8.26416	0.950761	1
cg02741249	GGA2	0.011919	0.189229	0.827319	-1.20872	0.284591	1.16359	1.16359	0.0132343	1.51972	1.51972	0.0972821	0.780335	-1.2815	0.135997	0.80334	-1.2448	0.616258	1.0713	1.0713	0.00189972	0.54895	-1.82166	0.0994253	0.781798	-1.2791	0.148121	1.23548	1.23548	5.58576	1.64355	0.261546	1
ch.16.723901F	GGA2	0.0126406	0.0441928	0.682778	-1.4646	0.00600297	1.80884	1.80884	0.275701	1.20584	1.20584	0.162005	0.781562	-1.27949	0.0463916	0.686185	-1.45733	0.326217	0.845932	-1.18213	0.00522147	0.544287	-1.83727	0.542659	1.10707	1.10707	0.36083	1.16773	1.16773	5.48004	2.36478	0.383578	1
cg20929229	GGA2	0.0236776	0.493991	1.11898	1.11898	0.526279	1.10951	1.10951	0.541957	1.10508	1.10508	0.773761	0.954425	-1.04775	0.690231	0.937222	-1.06698	0.0101456	0.591665	-1.69015	0.00131051	0.469023	-2.13209	0.0640019	0.713979	-1.4006	0.726908	0.944834	-1.05839	4.44013	1.84196	0.36875	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg07150862	GGA2	0.029429	0.596845	1.38474	1.38474	1.38474	0.07711031	2.924664	-1.41922	2.407984	0.08408	2.95517	2.39572	0.387752	2.71527	1.77577	0.1523397	2.392673	2.54665	0.6550153	0.8314585	0.5238709	-1.85166	0.162299	2.47953	4.17479	24.2128	5.23485	1
cg08124317	GGA2	0.0354247	0.567212	0.754553	-1.32529	0.412328	1.50407	0.698598	0.827381	-1.20862	0.144343	0.465971	-2.14606	0.00103772	0.09391122	-10.6482	0.127584	0.448297	-2.23067	0.0421218	0.319739	-3.12755	0.768764	0.866268	-1.15438	0.163389	0.484622	-2.06347	8.850288	14.4605	3.33841	1
cg06380449	GGA3;GGA3	0.00317208	0.00120197	0.182089	-5.49181	0.521588	1.26267	1.26267	0.731658	0.883744	-1.13155	0.237334	1.55966	1.55966	0.000856016	0.165606	-6.03842	0.02744225	0.391985	-2.55112	2.95E-05	0.0529333	-18.8917	0.165527	1.70067	1.70067	0.000756379	0.159855	-6.25566	16.2007	33.0749	1.81473	1
cg24670151	GGA3;MIR97;GGA3	0.00496125	0.0753805	0.538364	-1.85748	0.101658	0.57091	-1.75156	0.00328483	0.285649	-3.5008	0.337535	0.733989	-1.36242	0.00326655	0.285287	-3.50512	0.07744728	0.541252	-1.84757	0.000375314	0.168841	-5.92274	0.0106654	0.366917	-2.72947	0.0178109	0.406132	-2.46225	7.355113	11.397	1.37735	1
cg26129916	GGA3;MIR97;GGA3	0.00782894	0.630375	1.12885	1.12885	0.545577	0.858206	-1.16522	0.68832	1.10606	0.1506	9.54E-05	0.176101	-5.67856	0.824225	1.05719	1.05719	0.534726	1.17019	1.07193	0.9305	-1.1409	0.394623	0.80416	-1.24353	0.495978	1.18864	1.18864	6.38741	6.32173	0.879749	1
cg22211971	GGA3;MIR97;MIR97;GGA3	0.03888192	0.671679	1.10585	1.10585	0.0894938	1.56175	1.56175	0.06600301	1.63404	1.63404	0.478188	1.38732	1.59267	1.13734	1.13734	0.7035	0.302591	1.28954	1.28954	0.00380002	0.394725	-2.53341	0.117093	0.660744	-1.49983	0.574758	0.873731	-1.14452	3.723093	3.34007	0.798217	1
cg05142115	GGCT	0.00286725	0.00239516	0.594401	-1.68237	0.437555	1.10226	1.10226	0.211752	1.17555	1.17555	0.58061	1.07102	1.07102	0.137831	0.821635	-1.21709	0.7574811	1.03882	1.03882	0.520011	0.922952	-1.08348	0.0425278	0.750399	-1.33262	0.000241062	2.1104	2.1104	8.6738	2.07651	0.2128	1
cg23780937	GGCT	0.00126892	0.247947	1.10943	1.10583	0.0905484	0.91494	-1.3479	0.165027	0.865275	-1.15838	0.104711	0.862707	-1.15914	0.932837	1.00704	1.00704	0.896394	1.01093	1.01093	0.000350245	0.619674	-1.61376	0.00927768	0.759624	-1.31644	0.025235	1.24811	1.24811	8.3423	0.916388	0.097643	1
cg00670698	GGCT	0.00144064	0.00991958	0.153887	-6.49826	0.0348087	0.252018	-3.96798	0.025246	0.216444	-4.62021	0.0818556	0.330284	-3.0277	0.0979499	0.552266	-2.83885	0.0363642	0.24714	-4.0463	0.0078407	0.155629	-6.51342	0.018707	0.194516	-5.14096	0.315166	1.81617	1.81617	4.59388	24.0169	4.64713	1
cg11109809	GGCT	0.04403112	0.159242	0.5395	-1.85357	0.84444	0.922573	-1.08392	0.00279201	0.184417	-5.42248	0.392519	1.43238	1.43238	0.505583	1.3193	1.3193	0.43473	1.38673	1.38673	0.271724	1.59896	1.59896	0.951658	1.02518	1.02518	0.0580351	2.40825	2.40825	3.55433	9.47299	2.36907	1
cg14427934	GGCT	0.04648422	0.782799	1.04635	1.04635	0.199129	1.38543	1.38543	0.0112598	1.29024	1.29024	0.605162	1.29024	1.29024	0.00383811	0.537946	1.86049	0.619736	1.08548	1.08548	0.115395	0.253293	-1.33599	0.353362	0.691557	-1.44629	0.222	0.404393	0.869454	-1.15015	0.448291	1.648301	0.378486	1
cg06384637	GGCT	0.0495661	0.245705	0.535478	-1.86749	0.0485401	0.313734	-3.18762	0.520869	0.715498	-1.39763	0.0617543	0.33849	-2.9543	0.0094866	0.185676	-5.38573	0.216474	0.512179	-1.95244	0.0694858	0.351849	-2.84212	0.344787	0.606168	-1.64971	0.0588716	2.99539	2.99539	3.39937	14.2483	3.72574	1
cg27432240	GGCK;GGCX	0.00453486	0.0279113	0.445166	-2.40289	0.0394095	0.262178	-3.82733	0.231361	0.702292	-1.42397	0.0446207	0.459728	-2.17512	0.0971857	0.310152	-3.22423	0.0909609	0.788682	-1.26794	0.0207193	1.42516	-1.42516	0.0336462	1.17113	1.17113	0.00296143	1.68018	1.68018	4.88716	1.25252	0.227811	1
cg13174083	GGCK;GGCX	0.0178685	0.0439987	1.3438	1.3438	0.99407	0.999055	-1.00095	0.0835184	1.27593	1.27593	0.948945	0.991887	-1.00818	0.0561917	1.31666	1.31666	0.0909609	0.788682	-1.26794	0.0207193	1.42516	-1.42516	0.0336462	1.17113	1.17113	0.00296143	1.68018	1.68018	4.88716	1.25252	0.227811	1
cg07431583	GGCK;GGCX	0.0303849	0.782009	0.951409	-1.05107	0.0760001	0.695696	-1.43741	0.055954	0.657858	-1.52017	0.0475437	-1.47524	0.0886089	1.05728	1.53725	0.725065	1.06546	1.06546	0.41794	0.861878	-1.16026	0.0155537	1.70372	0.7034372	0.0243111	1.62615	1.62615	0.930131	1.07587	1.43826	2.07784	0.453985	1
cg13659026	GGCK;GGCX;GGCX;GGCX	0.00739167	0.18913	1.24403	1.24403	0.437165	0.806736	-1.15309	0.807008	1.07607	1.03207	0.027223	0.353806	-1.09193	0.897575	0.977421	-1.02343	0.0653869	0.689556	-1.45021	0.000173772	0.318109	-3.14357	0.144567	1.3253	1.3253	0.315356	1.20512	1.20512	5.60957	1.32668	0.454648	1
cg01171885	GGH	0.00284849	0.0138187	0.430334	-2.32378	0.0266374	0.482869	-2.07096	0.109236	0.616332	-1.6225	0.656267	1.13217	1.13217	0.000211116	0.179687	-5.56522	0.0307774	0.495104	-2.01978	0.00183846	0.2934554	-3.40769	0.37777	1.28509	1.28509	0.0151305	0.437318	-2.28666	8.690668	10.5697	1.08108	1
cg01008365	GGH	0.00410195	0.000292591	0.17877	-5.5979	0.24053	0.698303	-1.431	0.329491	0.745637	-1.34114	0.158824	1.53885	1.53885	0.00413489	0.325473	-3.07245	0.4162213	0.784778	-1.27424	0.00154813	0.308187	-3.24496	0.709621	1.11527	1.11527	0.0802731	0.567831	-1.76209	7.79311	10.4994	1.07577	1
cg01008937	GGH	0.00946364	0.503177	1.15397	1.15397	0.0288375	2.37202	2.37202	0.00279333	2.38339	2.38339	0.862598	1.08708	1.08708	0.00297613	2.38339	0.8093867	1.16365	0.0652786	0.646516	-1.54675	0.0443025	0.614407	-1.62759	0.5397	1.13981	1.13981	0.10063	1.46088	0.105354	4.23235	0.625396	1
cg20660720	GGH	0.00987722	0.967982	0.981093	-1.01927	0.0986267	2.36621	2.36621	0.01885582	3.86817	3.86817	0.289312	0.592694	-1.68721	0.241262	0.558011	-1.79208	0.00702566	0.19063	-5.24576	0.164752	2.02354	2.02354	0.00278742	7.10232	7.10232	0.243269	1.78723	1.78723	5.93401	21.2555	3.18399	1
cg02120000	GGH	0.03408238	0.346942	0.760155	-1.31571	0.0342791	0.595528	1.44999	0.00843508	1.4481	1.4481	0.212982	0.849349	-1.17737	0.985068	0.984244	0.10075	0.634479	0.954512	-1.04756	0.0172705	1.32557	1.32557	0.809864	0.9382001	-1.01605	0.122489	1.76566	1.76566	5.25053	0.78569	0.133013	1
cg15027300	GGN	0.0101864	0.0131036	5.60353	5.60353	0.0154441	5.28238	5.28238	0.0350052	3.95882	3.95882	0.0338685	4.00466	4.00466	0.0042078	4.675662	2.10233	0.100262	2.74167	2.74167	0.0061571	0.227126	12.4574	0.0437501	3.63948	3.63948	0.0163778	5.17275	5.17275	5.87509	29.1939	4.41646	1
cg03038736	GGN	0.0314708	0.0164797	3.79356	3.79356	0.0186054	3.64226	3.64226	0.0192237	3.61567	3.61567	0.0304646	3.44346	3.44346	0.0186288	3.883033	1.99103	0.0251488	2.91952	2.91952	0.0131408	0.2315	4.31982	0.0215115	3.18925	3.18925	0.0164156	4.74028	4.74028	6.09488	2.29833	0.378453	1
cg24024986	GGN	0.0235564	0.20808	0.758622	-1.31818	0.395891	1.19837	1.19837	0.625042	0.902564	-1.10795	0.124964	0.707743	-1.41294	0.00127133	0.375888	2.66037	0.0432386	0.616331	-1.6225	0.00833084	0.495672	-2.01746	0.479316	0.860983	-1.16146	0.355088	0.820368	-1.21896	4.44801	0.35175	0.60986	1
cg25820703	GGN	0.025287	0.246163	1.51007	1.51007	0.0351448	2.30247	2.30247	0.07006021	1.99026	1.99026	0.969149	0.986943	-1.01323	0.824146	0.927157	-1.07857	0.441263	1.30585	1.30585	0.000753155	5.67788	5.67788	0.0847834	1.91126	1.91126	0.689978	0.872262	-1.14597	4.33992	7.93775	1.62578	1
cg18574725	GGNBP2	0.00147745	0.6551606	0.855116	-1.16943	0.0119068	0.78898	-1.26746	0.00662938	0.76614	-1.30524	0.0224137	0.831591	-1.20293	0.7867-05	0.993554	-1.00622	0.5105461	0.945451	-1.05802	0.227823	0.90874	-1.10042	0.560643	1.04548	1.04548	0.0956571	0.870782	-1.14839	0.9381	1.80451	0.0804494	1
cg06162493	GGNBP2	0.00309025	0.0882037	0.879259	-1.13732	0.956213	0.996244	-1.00377	0.17191	1.10458	1.10458	0.012694	1.23596	1.23596	0.280769	0.926187	-1.0797	0.948835	0.99562	-1.0044	0.55347	0.861953	-1.16016	0.000426327	0.68281	-1.46454	0.00634262	1.27513	1.27513	6.48311	0.628507	0.0658571	1
cg19874450	GGNBP2;GGNBP2	0.017802	0.353978	0.8815	-1.13443	0.866968	0.97807	-1.02242	0.790978	0.965477	-1.03576	0.319386	1.14579	1.14579	0.422092	1.11456	1.11456	0.736289	0.956279	-1.04572	0.00171019	0.553081	-1.80805	0.834984	0.972788	-1.02797	0.00457827	1.64754	1.64754	4.88408	1.35315	0.246269	1
cg11732257	RID4B;GPS1	0.00276375	0.0106387	0.283086	-3.5325	0.118028	0.532801	-1.87687	0.00469294	0.42909	4.52909	0.587898	1.21846	1.21846	0.000181224	0.0595968	-16.7794	1.46E-05	0.0124416	-80.3758	0.226	0.627653	-1.59324	0.608516	0.829856	-1.20503	0.642398	0.844739	-1.1838	29.3731	57.3882	1.30251	1
cg14522884	GPS1;GPS1;ARID4B;GPS1;ARID4B	2.02E-05	0.519628	0.96627	-1.03491	0.0001031238	1.43637	1.43637	0.0016041	1.26854	1.26854	0.134668	0.918713	-1.08848	0.142834	0.920547	-1.08631	0.000454397	0.747962	-1.33697	1.99E-06	0.539196	-1.85393	0.014622	0.785415	-1.27321	0.00805947	0.836605	-1.19531	33.7923	1.4788	0.0388992	1
cg09509035	GPS1;GPS1;ARID4B;GPS1;ARID4B	0.0427762	0.123525	0.321043	-3.11485	0.039729	0.19463	-5.13796	0.441344	0.588775	-1.69844	0.331786	1.96752	1.96752	0.795229	1.19126	1.19126	0.1179668	0.314542	-3.17923	?	?	?	0.00962632	0.101276	-9.87404	0.07366	3.9133	3.9133	3.97092	24.7633	5.45664	1
cg17968880	GPS1;GPS1;GPS1	0.00194941	0.167716	0.680435	-1.46965	0.0074268	0.405402	-2.46669	0.176914	0.688719	-1.4562	0.376971	0.788687	-1.26791	0.0335426	0.359381	-2.80914	0.0506566	0.558155	-1.79162	0.000132349	0.176247	-5.67387	0.0450877	1.82586	1.82586	0.00666637	0.397825	-2.51367	9.7141	10.5483	0.965222	1
cg24960821	GPS1;GPS1;GPS1	0.0262239	0.53682	0.8966	-1.11546	0.0275546	0.605456	-1.65208	0.0015754	0.447308	0.0015754	0.0001313	0.268783	-3.72383	0.0013154	0.2124	4.70755	0.2298128	1.2306	1.2306	0.0462501	0.332773	-7.55417	0.0004809	0.2083197	-4.80035	0.0001313	0.0001313	0.0001313	0.0001313	0.0001313	0.0001313	0.0001313	1
cg18917640	GPS1;GPS1;GPS1	0.0284083	0.934534	0.977823	-1.02268	0.207836	1.43697	1.43697	0.0554571	1.80863	1.80863	0.076317	1.71311	1.71311	0.204655	0.693943	-1.44104	0.665686	1.126	1.126	0.00626729	0.378229	-2.6439	0.061567	1.77685	1.77685	0.15186	0.657643	-1.52058	4.16647	4.91734	1.04908	1
cg06446464	GSTI1	0.0103483	0.0182837	0.16828	-5.94098	0.0053337	0.0255	-3.92153	0.14283	0.433655	-2.30656	0.0131236	1.12036	1.12036	0.0127996	0.891299	-1.44655	0.0242245	0.183482	0.183482	0.0001	0.0001	0.722227	-1.38327	0.0042128	0.0042128	0.0042128	0.0042128	0.0042128	0.0042128	0.0042128	0.0042128	0.0042128	1
cg02677995	GSTJ1;C22orf36	0.00318536	0.00102366	2.01801	2.01801	0.44877	1.12553	1.12553	0.144824	1.27112	1.27112	0.211061	1.22368	1.22368	0.638321	1.06473	1.06473	0.000347411	0.414214	2.41421	0.310743	1.1743	1.1743	0.32353	1.16549	1.16549	0.312198	0.852011	-1.17369	8.40693	1.12471	0.330384	1
cg04077199	GSTJ1;C22orf36	0.00569261	0.562999	1.04873	1.04873	0.266258	0.910053	-1.09884	0.0399264	0.824294	-1.21336	0.261611	1.09312	1.09312	0.534097	1.05257	1.05257	0.7117306	0.970248	-1.03066	0.000826752	0.663817	-1.50644	0.0301649	1.23052	1.23052	0.000615345	1.33738	1.33738	7.05255	0.739488	0.0932035	1
cg05443864	GSTJ1;GSTT1	0.04013851	0.0693107	0.555153	-1.80139	0.0553327	0.597	-1.67493	0.00042	0.326476	-3.06284	0.0036058	0.51901	-1.92618	0.0012298	0.344949	-2.89935	0.0775479	0.583354	-1.71408	0.0208446	0.468348	-2.13479	0.0188792	0.7272	1.3755	0.0208446	0.468348	-2.13479	0.0188792	0.7272	1.3755	0.0208446	1
cg23109174	GSTJ1;GSTT1	0.00558529	0.0237546	0.558866	-1.78991	0.0412854	0.601843	-1.66156	0.296811	0.791899	-1.26279	0.4716	1.17111	1.17111	0.0142934	0.521182	-1.91872	0.077397	0.654778	-1.52724	0.00106747	0.28376	2.83776	0.324246	1.24557	1.24557	0.0598053	0.632476	-1.58109	7.09394	5.27241	0.655007	1
cg15836607	GSTJ1;GSTT1	0.0054437	0.0165452	0.355116	-2.81611	0.0119068	0.78898	-1.26746	0.00662938	0.76614	-1.30524	0.0224137	0.831591	-1.20293	0.7867-05	0.993554	-1.00622	0.5105461	0.945451	-1.05802	0.227823	0.90874	-1.10042	0.560643	1.04548	1.04548	0.0956571	0.870782	-1.14839	0.9381	1.80451	0.0804494	1
cg08808123	GSTJ1;GSTT1	0.0263535	0.0375525	0.551877	-1.812	0.0501739	0.576899	-1.73341	0.0036656	0.379874	-2.63245	0.649925	0.885695	-1.12906	0.00482499	0.398075	-2.51209	0.0269243	0.524373	-1.90704	0.994603	1.00167	1.00167	0.232802	0.734748	-1.36101	0.326956	0.779339	-1.28314	4.27783	4.11488	0.854406	1
cg25979629	GSTJ1;GSTT1	0.0342018	0.171941	0.817315	-1.22349	0.0844082	0.940402	-1.06338	0.634081	1.09139	1.09139	0.0491284	0.895796	-1.11633	0.26099	0.831591	-1.20293	0.371975	1.11561	1.11561	0.0097706	1.76015	1.76015	0.0795314	0.762514	-1.3114	0.0870734	0.764913	-1.30769	1.89951	1.18869	0.27096	1
cg25575049	GSTJ1;GSTT1;GSTT1	0.0356508	0.070829	0.5073	1.22673	0.588823	0.9525	-1.05068	0.171835	0.663246	-1.5842	0.2901153	1.16756	1.11756	0.0010373	0.161602	-6.21556	0.93608	1.00815	1.00815	0.00570995	0.44329	-2.25564	0.0191983	1.3219	1.3219	0.0059951	0.1081	0.69299	10.1331	0.626299	0.0965418	1
cg23633526	GSTJ1;GSTT1;GSTT1	0.0474974	0.0994407	0.607941	-1.6449	0.954262	0.984317	-1.01593	0.0487898	0.537866	-1.8592	0.305419	0.509161	-1.96402	0.00421893	0.347897	-2.87442	0.0990217	0.607495	-1.6461	0.774129	0.923766	-1.08253	0.0389661	0.517559	-1.93215	0.0704678	0.572835	-1.7457	3.45467	4.15545	1.0692	1
cg15720491	GSTT1;GSTT1;GSTT1;GSTT1	0.0475781	0.040614	0.567376	-1.7622	0.319224	0.94331	-1.0606	0.0649339	0.535333	-1.86951	0.457787	1.18545	1.18545	0.0391466	0.584403	-1.711	0.741847	0.639119	1.56465	0.0001627	0.774374	-1.29151	0.0127418	0.743753	-1.34479	0.458334	0.843744	-1.18519	0.567438	0.85085	1.17579	0.172679	1
cg15255537	GSTT1;GSTT1;GSTT1;GSTT1	0.0209447	0.382482	0.847234	-1.18031	0.0272346	0.616497	-1.62207	0.00886205	0.397742	-2.51419	0.0868863	0.704705	-1.41903	0.0119928	0.597542	-1.78739	0.642669	1.649257	1.54022	0.365955	0.84204	-1.18759	0.64341	0.917329	-1.09012	0.132235	0.740296	1.35081	4.6312	2.51295	0.482324	1
cg25486070	GSTT1;GSTT1;GSTT1;GSTT1	0.0286139	0.4514349	0.869624	-1.14984	0.0210875	0.564226	-1.77222	0.00173567	0.364826	-2.74186	0.0012021	0.950982	-1.05221	0.0871769	0.706913	-1.41521	0.076212	0.706801	1.42304	0.0457911	1.5273	1.5273	0.0875	0.970329	-1.03087	0.144936	0.740279	-1.35062	4.55592	2.19824	0.474553	1
cg07858489	GSTT1;GSTT1;GSTT1;GSTT1	0.0199504	0.378008	0.715593	-1.31304	0.0733776	0.548197	-1.82417	0.0015163	0.345039	-2.8975	0.0455193	0.450109	-2.2171	0.00770057	0.553193	-1.80769	0.037446	0.483095	-2.06998	0.129757	0.810912	1.6369	0.860948	0.705435	-1.41796	0.429255	0.784304	-1.27502	3.69482	2.09061	1.27625	1
cg17505461	GSTT1;GSTT1;GSTT1;GSTT1	0.0116718	0.0244527	0.720441	-1.38727	0.816899	0.972078	-1.02872	0.0016918	0.578247	-1.72972	0.313308	0.880432	-1.13581	0.135337	0.821559	-1.2172	0.647799	0.945387	-1.72937	0.0370786	0.188742	1.51612	0.579313	0.788315	-1.26853	0.152107	0.829168	-1.20603	5.62382	1.32799	0.209899	1
cg04666672	GSTT1;GSTT1;GSTT1;GSTT1	0.0266656	0.0507217	0.548	-1.82482	0.0553558	0.608357	-1.64358	0.0003877	0.320675	-3.11925	0.0001313	0.261483	-3.82414	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	1
cg25706358	GSTP1	0.0399722	0.276536	1.16046	1.16046	0.381444	1.12528	1.12528	0.820615	1.03031	1.03031	0.321337	1.14421	1.14421	0.702965	0.950874	-1.05166	0.0872144	1.28184	1.28184	0.231225	0.847795	-1.17953	0.00132006	1.84846	1.84846	0.0977234	1.26984	1.26984	3.68408	1.0087	0.243378	1
cg16490602	GSTP1	0.0705	0.0716599	1.37695	1.37695	0.190609	0.6082237	0.464596	-1.50467	0.0302614	0.608678	-1.64021	0.650185	1.09274	1.09274	0.469408	0.8607729	-1.1537	0.785776	1.05435	1.05435	0.4604946	0.884019	-1.18075	0.1832379	0.760126	-1.31557	3.5702	2.13356	0.531201	1
cg19928997	GSTT1;GSTT1;GSTT1	0.00182759	0.0161377	0.740261	-1.35087	0.00398222	0.562209	-1.7787	0.944688	0.993161	-1.00688	0.470168	1.07796	1.07796	0.000221279	0.533155	-1.87492	0.0586485	0.803932	-1.24389	0.0208486	0.6995	-1.42959	0.0159885	0.9514	0.9514	0.0510303	0.898	1.63652	0.146968	1
cg21021469	GSTT1;GSTT1;GSTT1;GSTT1	0.00582083	0.721087	0.951052	-1.05147	0.0212457	0.678626	-1.47357	0.00100966	0.505092	-1.97984	0.703539	1.05499	1.05499	0.652017	0.938424	-1.06562	0.23096	1.19234	1.19234	0.0025895	1.79407	1.79407	0.192451	0.824373	-1.21304	0.343681	1.14633	1.14633	7.00435	2.17425	0.275923	1
cg07133586	GSTT1;GSTT1;GSTT1;GSTT1;GSTT1;GSTT1	0.0153395	0.0054703	0.584394	-1.71137	0.0104691	0.744394	-1.3337	0.0001313	0.261483	-3.82414	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	1
cg02986643	GSTG;GSTG	6.45E-05	0.045007	0.611845	-1.6344	0.00415499	0.302404	-3.30683	0.632039	1.10853	1.10853	0.0122719	0.513682	-1.94673	3.52E-05	0.181527	5.50882	0.000399323	3.33075	3.33075	0.000134932	0.410359	4.10359	0.59199	0.809884	-1.12248	0.0617366	1.56729	1.56729	24.8884	17.9781	0.642086	1
cg08183502	GSTG;GSTG	8.24E-05	0.121908	0.76133	-1.31347	0.0092729	0.2488	-4.01883	0.0003708	0.212356	-4.70708	0.0001313	0.261483	-3.82414	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	0.1313	7.61547	0.0001313	1
cg22628873	GSTG;GSTG	0.00092987	0.0915487	0.685764	-1.45823	0.0445418	0.464183	-2.15432	0.00694395	0.492051	-2.03231	0.00565928	0.28985	0.28985	0.000106221	0.2493	-4.01123	0.0094299	0.51269	-1.9505	0.239883	1.28384	1.28384	0.042091	0.621592	-1.60877	0.559949	0.887208	-1.12713	12.0135	7.84308	0.580317	1
cg03044452	GSTG;GSTG;GSTG	0.00749605	0.813582	1.02567	1.02567	0.0228048	0.42251	-2.36681	0.502129	0.867174	-1.15317	0.270117	1.27157	1.27157	0.000593834	0.329746	-3.03264	0.129798	0.710063	-1.40833	0.354145	1.22073	1.22073	0.0231508	0.566614	-1.76487	0.604966	0.896571	-1.11536	4.67508	4.48919	0.616269	1
cg21805880	GSTG;GSTG;GSTG	0.0823676	0.228901	0.800404	-1.24937	0.151826	0.76283	-1.31091	0.0527903	0.678315	-1.47424	0.0158664	0.683537	1.08357	0.0003833393	0.396265	-2.52357	0.0155706	0.722752	-1.38373	0.130974	0.24439	-4.09153	0.0547883	0.974234	-1.0264	0.818641	0.958565	-1.04321	6.62813	3.09518	0.437674	1
cg01984798	GSTG;GSTG	0.0159478	0.0694863	0.533682	-1.87378	0.817884	1.55014	1.55014	0.18928	1.53736	1.53736	0.0685609	1.87862	1.87862	0.779255	0.916766	-1.09079	0.0062479	0.332161	-3.01059	0.00921297	2.77982	2.77982	0.327837	1.36666	1.36666	0.194502	0.654185	-1.52862	5.0765	7.69005	1.34652	1
cg16490602	GST	2.07E-05

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00497796	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRL	0.0368689	0.047712	0.637247	-1.56925	0.237202	1.27947	1.27947	0.0223373	0.57994	-1.72432	0.139597	0.728784	-1.37215	0.0999849	0.698576	-1.43148	0.00419069	0.466077	-2.14557	0.687095	0.922575	-1.08392	0.782771	1.05654	1.05654	0.0986216	0.697373	-1.43395	3.79477	2.38039	0.557585	1
cg20626616	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL;GHRLOS;GHRLOS;GHRL;GHRL;GHRL;GHRL;GHRLOS	0.00579477	0.00911673	0.410717	-2.43477	0.282071	1.35022	1.35022	0.00142013	0.289317	-3.45642	0.797699	0.933329	-1.07143	0.0105629	0.421475	-2.37262	0.0746908	1.70457	1.70457	0.0423674	0.533655	-1.87387	0.764866	1.08391	1.08391	0.0113127	0.42655	-2.34439	7.01403	8.01545	1.0158	1
cg00746844	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL;GHRLOS;GHRLOS;GHRL;GHRL;GHRL;GHRL;GHRLOS	0.0225071	0.924041	1.03267	1.03267	0.101231	0.546131	-1.83106	0.044412	0.459252	-2.17745	0.186586	1.60307	1.60307	0.60665	1.19131	1.19131	0.0580479	0.485727	-2.05877	0.00516132	3.47208	3.47208	0.0492194	2.13112	2.13112	0.537121	0.810064	-1.23447	4.51844	8.13016	1.5994	1
cg00856825	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL;GHRLOS;GHRLOS;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS	0.0130477	0.728242	0.904345	-1.10577	0.790163	0.926007	-1.07991	0.0614335	0.544789	-1.83557	0.357009	0.761054	-1.31397	0.121993	0.61684	-1.62117	0.000370072	0.193465	-5.16891	0.47993	1.22997	1.22997	0.0780686	0.568753	-1.75823	0.0143363	0.418847	-2.3875	5.42365	7.13661	1.16963	1
cg11030744	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL;GHRLOS;GHRLOS;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS	0.0325508	0.158166	0.521674	-1.91691	0.350347	1.51375	1.51375	0.0383922	0.355323	-2.81434	0.59792	1.25802	1.25802	0.00166137	0.143624	-6.96262	0.877123	0.935446	-1.06901	0.171416	1.87386	1.87386	0.957059	1.02349	1.02349	0.345884	0.657919	-1.51994	3.96953	11.6942	2.61866	1
cg14886629	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL;GHRLOS;GHRLOS;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL	0.000823192	0.0858753	0.702749	-1.42298	0.000192312	0.311282	-3.21252	0.0169506	0.582034	-1.71811	0.440172	0.863898	-1.15754	0.0794629	0.696431	-1.43589	7.30E-05	0.261549	-3.82338	0.0299885	1.60716	1.60716	0.510661	0.883378	-1.13202	0.0481083	0.657161	-1.5217	12.4317	6.80028	0.486234	1
cg04011173	GHRLOS;GHRLOS;C3orf42;GHRLOS;GHRLOS	0.0427699	0.0212504	0.462154	-2.16378	0.00937181	0.399179	-2.50514	0.143129	0.644921	-1.55058	0.34804	0.763907	-1.30906	0.0168734	0.443715	-2.2537	0.568802	0.851691	-1.17413	0.194089	0.681841	-1.46662	0.124543	1.5897	1.5897	0.307495	0.744938	-1.34239	3.59301	4.42138	1.09382	1
cg00901598	GHSR	9.77E-05	0.0198964	1.91798	1.91798	0.00129496	0.337539	-2.96262	0.00485877	0.420935	-2.37566	0.0447251	0.586289	-1.70564	0.315617	1.27179	1.27179	0.00328702	0.395297	-2.52974	3.11E-06	0.0768073	-13.0196	0.443564	1.19843	1.19843	0.00411244	0.409889	-2.43969	22.2813	18.9474	0.755887	1
cg07848409	GHSR;GHSR	0.0439374	0.161855	0.419008	-2.38659	0.814733	0.872236	-1.14648	0.992974	1.00514	1.00514	0.0325627	0.232971	-4.29238	0.0180437	0.187717	-5.32718	0.0179614	0.1874	-5.33618	0.0420459	3.91277	3.91277	0.938418	0.956001	-1.04602	0.638243	0.758982	-1.31755	3.55716	19.1058	4.7743	1
cg03298096	GIF	0.000649215	5.93E-05	0.0781177	-12.8012	0.474643	0.779215	-1.28334	0.00240194	0.234325	-4.26758	0.0950559	0.532927	-1.87643	0.00846358	0.315558	-3.16899	0.0329259	0.424869	-2.35367	0.0559793	0.475777	-2.10183	8.07E-05	0.0870873	-11.4827	0.0111627	0.335785	-2.9781	13.2881	24.7758	1.65734	1
cg02707840	GIF	0.00187636	0.000574597	0.0659814	-15.1558	0.0898537	0.385332	-2.59516	0.121007	0.42418	-2.35749	0.00674551	0.166715	-5.99826	0.128358	0.432417	-2.31258	0.575257	0.749198	-1.33476	0.000617558	0.0679982	-14.7063	0.000478544	0.061071	-16.3744	0.00503172	0.150701	-6.63567	9.82259	40.472	3.66249	1
cg16550010	GIF	0.0060222	0.00337712	0.0840667	-11.8953	0.127489	0.359272	-2.7834	0.121625	0.352616	-2.83594	0.0319764	0.209937	-4.76333	0.358145	0.556017	-1.79851	0.00490016	0.0986769	-10.1341	0.00194724	0.065752	-15.2087	0.00170878	0.0619252	-16.1485	0.011332	0.13952	-7.16741	6.93125	42.3548	5.43173	1
cg26970800	GIF	0.0190039	0.00576936	0.0867051	-11.5333	0.246368	0.440673	-2.26926	0.684924	0.759006	-1.31751	0.215034	0.413868	-2.41623	0.00723773	0.0960943	-10.4064	0.156878	0.359344	-2.78285	0.00224721	0.0555036	-18.0169	0.3505	0.522269	-1.91472	0.0212474	0.153837	-6.50037	4.78673	34.6404	6.43267	1
cg18538812	GIF	0.0350148	0.00345929	0.118014	-8.47354	0.874628	0.918508	-1.08872	0.100626	0.379781	-2.6331	0.0298958	0.252727	-3.95684	0.331783	0.583306	-1.71437	0.0794406	0.350606	-2.85221	0.106379	0.387036	-2.58374	0.00723662	0.154807	-6.45966	0.152417	0.438145	-2.28235	3.86654	17.7474	4.08	1
cg01282204	GIF;GIF	0.00787249	0.0188809	0.288687	-3.46396	0.185986	0.541929	-1.84526	0.258105	0.597174	-1.67455	0.290461	0.619216	-1.61494	0.532389	1.31823	1.31823	0.302002	0.626778	-1.59546	0.000479695	0.0912831	-10.9549	0.0202595	0.294364	-3.39716	0.00260315	0.161648	-6.18629	6.37629	19.2752	2.68707	1
cg11585745	GIGYF1	0.00243917	0.0416393	0.57311	-1.74487	0.0053868	0.419622	-2.3831	0.226971	1.35073	1.35073	0.00296779	0.380425	-2.62864	0.000692207	0.293094	-3.41188	0.656435	0.89932	-1.11195	0.000821746	0.302789	-3.30263	0.510106	1.17159	1.17159	0.233393	0.743688	-1.34465	9.09773	8.09438	0.790857	1
cg27152133	GIGYF1	0.0031613	0.0128004	1.81931	1.81931	0.824341	0.957885	-1.04397	0.00524785	2.03924	2.03924	0.0112917	1.84809	1.84809	0.033062	1.61989	1.61989	0.0334255	1.61775	1.61775	0.00025082	3.21847	3.21847	0.00670526	1.97502	1.97502	0.00634579	1.98919	1.98919	8.42592	4.99912	0.52738	1
cg03738868	GIGYF1	0.0414427	0.274878	1.17713	1.17713	0.398342	1.13216	1.13216	0.77484	1.04203	1.04203	0.630935	1.07196	1.07196	0.182704	0.816289	-1.22506	0.259003	0.844467	-1.18418	0.0010786	1.99967	1.99967	0.999001	1.00018	1.00018	0.985869	0.997461	-1.00255	3.63527	1.18643	0.290103	1
cg05922723	GIGYF1	0.0479475	0.256939	0.673231	-1.48537	0.391319	1.34139	1.34139	0.730376	1.12265	1.12265	0.532156	0.809285	-1.23566	0.0607722	0.493176	-2.02767	0.149864	0.596745	-1.67576	0.00266415	0.249245	-4.01212	0.215777	1.54598	1.54598	0.232053	0.657618	-1.52064	3.44239	6.09683	1.57431	1
cg04171803	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.000883566	5.87E-05	0.324666	-3.08009	0.835742	0.9691	-1.03189	0.705601	0.94424	-1.05905	0.0998536	1.31339	1.31339	0.288654	0.846602	-1.18119	0.770701	1.04517	1.04517	0.00168955	1.97057	1.97057	0.0510764	1.39919	1.39919	0.0199507	1.52905	1.52905	12.186	4.41094	0.32175	1
cg09982510	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.00149149	0.0195151	0.596522	-1.67638	0.0134768	0.571306	-1.75038	0.0209037	0.601282	-1.66311	0.691384	0.929576	-1.07576	0.00156307	0.435258	-2.29749	0.996619	1.00078	1.00078	0.000642086	0.383351	-2.60858	0.933602	1.01537	1.01537	0.000155867	0.305752	-3.27063	10.4968	5.56852	0.471555	1
cg14046043	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.0232847	0.408809	0.853634	-1.17146	0.00144958	0.422321	-2.36787	0.0302433	1.61164	1.61164	0.789985	1.05127	1.05127	0.236748	0.792775	-1.26139	0.525098	1.12821	1.12821	0.0717157	0.686147	-1.45741	0.644045	0.916533	-1.09107	0.42901	1.16328	1.16328	4.46587	2.48189	0.493997	1
cg00934464	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.048983	0.704005	1.04887	1.04887	0.127731	1.2286	1.2286	0.370961	1.1217	1.1217	0.0228511	0.711446	-1.40559	0.540984	1.08044	1.08044	0.420809	1.10829	1.10829	0.255255	0.862012	-1.16008	0.117915	0.808755	-1.23647	0.012326	1.47638	1.47638	3.41467	0.845202	0.220019	1
cg16961647	GIGYF2;GIGYF2;GIGYF2;GIGYF2;GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.0416185	0.333602	1.32149	1.32149	0.518601	1.20071	1.20071	0.264091	1.38455	1.38455	0.00583322	0.364574	-2.74293	0.0265111	0.479438	-2.08578	0.60601	1.15653	1.15653	0.0600161	1.80945	1.80945	0.651393	0.880616	-1.13557	0.982693	0.993955	-1.00608	3.62958	4.49106	1.09987	1
cg12621966	GIGYF2;GIGYF2;GIGYF2;GIGYF2;KCNJ13	0.0112453	0.853685	1.03704	1.03704	0.0010306	0.383633	-2.60666	0.0361865	0.618824	-1.61597	0.542177	0.885536	-1.12926	0.415028	0.848616	-1.17839	0.745098	0.93775	-1.06638	0.00561625	2.04683	2.04683	0.967634	0.992038	-1.00803	0.212754	0.772168	-1.29505	5.69189	3.49928	0.546475	1
cg14730097	GIGYF2;GIGYF2;KCNJ13;GIGYF2;GIGYF2	0.000379819	0.0307333	0.645163	-1.55	0.00014289	0.322295	-3.10275	0.000465157	0.386477	-2.58748	0.180383	0.782189	-1.27846	0.000119538	0.312941	-3.19549	0.0124869	1.71042	1.71042	0.013157	0.588063	-1.7005	0.699623	0.935239	-1.06925	0.0154993	0.598827	-1.66993	15.4186	7.28283	0.419859	1
cg12914657	GIMAP1	0.00685421	0.206632	0.608546	-1.64326	0.00221252	0.202059	-4.94904	0.0211698	0.355772	-2.81079	0.0331364	0.39503	-2.53145	0.00242422	0.207108	-4.8284	0.0725037	0.473662	-2.11121	0.00373707	0.232223	-4.3062	0.18367	0.590973	-1.69212	0.00306974	0.220558	-4.53396	6.65864	14.6639	1.95755	1
cg23713249	GIMAP1	0.00985511	0.338608	0.692873	-1.44327	0.524863	0.786875	-1.27085	0.00295306	0.219133	-4.56343	0.0148541	0.328047	-3.04835	0.000654274	0.143271	-6.97978	0.0382279	0.40926	-2.44344	0.144998	0.55866	-1.79	0.0627051	0.458841	-2.1794	0.0300706	0.387121	-2.58317	5.93826	13.0128	1.94787	1
cg03450844	GIMAP1	0.0118098	0.706947	1.10178	1.10178	0.0238866	0.500708	-1.99717	0.0027901	0.347251	-2.87976	0.438486	1.22482	1.22482	0.00481286	0.382907	-2.6116	0.0688056	0.59295	-1.68648	0.822958	0.944114	-1.05919	0.0947386	1.60203	1.60203	0.0823802	0.61031	-1.63851	5.60245	5.84355	0.927142	1
cg20795023	GIMAP1	0.0191387	0.00131957	0.108294	-9.23415	0.457257	1.43352	1.43352	0.154246	0.484074	-2.0658	0.242142	0.558576	-1.79027	0.00587735	0.179982	-5.55612	0.260012	0.571819	-1.7488	0.173793	0.502388	-1.99049	0.605952	0.780713	-1.28088	0.0192075	0.259845	-3.84845	4.7753	17.1156	3.18594	1
cg24335981	GIMAP1	0.0247553	0.00964649	0.158794	-6.29745	0.11123	0.377328	-2.65022	0.0365486	0.255398	-3.91546	0.900897	0.932408	-1.07249	0.10855	0.374062	-2.67335	0.0456072	0.275922	-3.62422	0.00242896	0.0933702	-10.7101	0.678069	0.79097	-1.26427	0.024273	0.221232	-4.52014	4.37216	21.8518	4.44262	1
cg23018117	GIMAP1	0.0445977	0.161811	0.519562	-1.9247	0.0883656	0.43864	-2.27977	0.0512186	0.377922	-2.64605	0.016315	0.276074	-3.62222	0.0286451	0.322539	-3.1004	0.173111	0.52974	-1.88772	0.0334719	0.336571	-2.97114	0.150018	0.508463	-1.96671	0.00598549	0.207088	-4.82887	3.53739	10.7625	2.70444	1
cg25215170	GIMAP1	0.0464987	0.0327498	0.657257	-1.52148	0.500566	1.12172	1.12172	0.0267951	1.55385	1.55385	0.494729	0.890044	-1.12354	0.259595	0.820718	-1.21845	0.9039	1.0205	1.0205	0.0516524	1.45078	1.45078	0.0334284	0.65867	-1.51821	0.905648	1.02012	1.02012	3.48244	1.55668	0.397342	1
cg21830932	GIMAP2	0.00281962	0.383155	0.834617	-1.19815	0.452429	1.16736	1.16736	0.818482	0.954593	-1.04757	8.74E-05	0.241213	-4.14572	0.34288	1.2184	1.2184	0.0356104	1.63959	1.63959	0.0193849	1.77092	1.77092	0.705012	0.925998	-1.07992	0.545264	1.13173	1.13173	8.71694	5.64162	0.575291	1
cg05783290	GIMAP2	0.00607979	0.00460975	0.202863	-4.92944	0.00361673	0.188938	-5.29275	0.00583703	0.217139	-4.60535	0.100481	0.467057	-2.14107	0.0016731	0.14934	-6.69612	0.0190156	0.300796	-3.32451	0.00468973	0.203879	-4.90488	0.0400568	0.366434	-2.729	0.0782297	0.437007	-2.28829	6.91091	19.5944	2.52025	1
cg20663831	GIMAP2	0.0209801	0.0313381	0.274571	-3.64204	0.0229974	0.24865	-4.02172	0.00769424	0.173307	-5.77009	0.140281	0.443976	-2.25237	0.0460392	0.310336	-3.22231	0.0176047	0.228065	-4.38472	0.00387616	0.136578	-7.32181	0.0401511	0.297126	-3.36557	0.0680772	0.351449	-2.84536	4.62853	19.2005	3.68738	1
cg00323915	GIMAP4	0.00803306	0.000531003	0.181994	-5.4947	0.108567	1.73814	1.73814	0.116682	0.583709	-1.71318	0.0068494	0.330861	-3.02242	0.0607782	0.51294	-1.94955	0.0515026	0.496541	-2.01393	0.0267716	0.436606	-2.2904	0.290436	0.707153	-1.41412	0.604822	0.848002	-1.17924	6.33592	10.0093	1.40425	1
cg17807458	GIMAP4	0.0424727	0.00842541	0.380763	-2.6263	0.376007	1.29787	1.29787	0.747734	1.09703	1.09703	0.447745	0.800876	-1.24863	0.270552	0.719487	-1.38988	0.279989	0.724482	-1.3803	0.0205519	0.449004	-2.22715	0.0162571	0.43025	-2.32423	0.0459091	0.518596	-1.92828	3.60233	4.69876	1.15944	1
cg00812611	GIMAP5	0.0147834	0.954724	0.984844	-1.01539	0.600899	1.15255	1.15255	0.0101298	0.417889	-2.39298	0.547871	1.17772	1.17772	0.0313979	0.507107	-1.97197	0.0795621	1.68782	1.68782	0.477082	1.21466	1.21466	0.00191124	0.306542	-3.26219	0.207499	0.699401	-1.42979	5.20566	5.96549	1.01863	1
cg03334072	GIMAP5	0.0223282	0.179238	0.505983	-1.97635	0.549143	0.748689	-1.33567	0.00669001	0.186417	-5.36431	0.00574713	0.17754	-5.63253	0.00505625	0.170318	-5.87137	0.755037	0.861182	-1.1612	0.0385409	0.3184	-3.1407	0.543693	0.745659	-1.3411	0.03625	0.312658	-3.19839	4.53085	16.3614	3.20989	1
cg05725719	GIMAP5	0.0398128	0.156201	1.3111	1.3111	0.066456	0.692443	-1.44416	0.0251175	0.621458	-1.60912	0.00808863	0.54574	-1.83238	0.763072	1.05547	1.05547	0.867137	1.03035	1.03035	0.191895	0.78139	-1.27977	0.0301419	0.634249	-1.57667	0.247612	0.805857	-1.24091	3.68951	1.86319	0.448886	1
cg07319528	GIMAP5;GIMAP5	0.00027714	0.000126885	0.15091	-6.62645	0.332666	1.32757	1.32757	0.0694562	0.562271	-1.7785	0.000189231	0.167849	-5.95773	0.000206624	0.171722	-5.82337	0.0210337	0.455233	-2.19668	0.00203881	0.291459	-3.43102	0.000546314	0.218083	-4.58541	0.00119678	0.260277	-3.84206	16.8105	21.4029	1.13172	1
cg13043509	GIMAP5;GIMAP5	0.000828598	0.000514843	0.142498	-7.01763	0.335178	0.69959	-1.42941	0.0708982	0.48414	-2.06552	0.000922165	0.168766	-5.92536	0.000382005	0.130181	-7.6816	0.0377694	0.420598	-2.37757	0.000477936	0.139358	-7.17577	0.00135194	0.187664	-5.32866	0.00309219	0.233325	-4.28587	12.4088	25.3949	1.81914	1
cg02955377	GIMAP5;GIMAP5	0.00101866	0.00170332	0.364219	-2.7456	0.458064	0.843396	-1.18568	0.0121724	0.494472	-2.02236	0.00129026	0.347461	-2.87802	0.00197643	0.373349	-2.67846	0.0131179	0.499878	-2.00049	0.000431169	0.28501	-3.50865	0.000397819	0.280656	-3.56308	0.00317287	0.403151	-2.48046	11.705	9.4185	0.715252	1
cg24249248	GIMAP5;GIMAP5	0.00241183	0.00107473	0.203629	-4.91089	0.123953	1.73138	1.73138	0.348012	0.727349	-1.37486	0.0485899	0.476037	-2.10067	0.0057839	0.303827	-3.29135	0.272684	0.686495	-1.45667	0.000629069	0.177005	-5.64955	0.00326165	0.266737	-3.74901	0.0109304	0.34909	-2.86459	9.12792	15.6935	1.52826	1
cg25129716	GIMAP6;GIMAP6	1.14E-05	0.290514	0.914715	-1.09324	0.864573	0.986224	-1.01397	9.81E-05	0.56988	-1.75476	9.32E-07	0.348629	-2.86838	0.00540906	0.742661	-1.34651	8.07E-05	0.560951	-1.78269	0.000176294	1.6767	1.6767	0.0773237	1.17302	1.17302	0.331366	1.08485	1.08485	39.1882	4.09872	0.0929694	1
cg11541382	GIMAP6;GIMAP6	0.0187744	0.00417521	0.299478	-3.33914	0.226052	0.670785	-1.49079	0.00388711	0.29485	-3.39155	0.0868373	0.552099	-1.81127	0.0169374	0.400547	-2.49659	0.870569	1.05256	1.05256	0.062504	0.517627	-1.93189	0.172397	0.633686	-1.57807	0.0138559	0.384723	-2.59927	4.80642	7.51079	1.38903	1
cg01220560	GIMAP6;GIMAP6	0.0371648	0.131226	2.16256	2.16256	0.0965641	2.37153	2.37153	0.00919203	0.208994	-4.78482	0.673143	1.22241	1.22241	0.0515984	0.350402	-2.85386	0.235416	1.80145	1.80145	0.0582011	0.36303	-2.75459	0.381082	1.52996	1.52996	0.972231	0.983659	-1.01661	3.78373	13.4258	3.15405	1
cg03490881	GIMAP6;GIMAP6;GIMAP6	0.0369279	0.784352	0.871216	-1.14782	0.0388593	0.300585	-3.32685	0.00633864	0.167591	-5.96691	0.0406594	0.304867	-3.28012	0.010269	0.19675	-5.0826	0.258363	0.552812	-1.80893	0.0637526	0.350831	-2.85038	0.243505	0.541545	-1.84657	0.0245531	0.260266	-3.84223	3.79256	15.1728	3.55615	1
cg08637514	GIMAP7	0.00158854	0.000170924	0.10393	-9.62186	0.00234725	0.222097	-4.50254	0.0641962	0.478525	-2.08975	0.0190289	0.365659	-2.73479	0.00192331	0.210949	-4.74048	0.712093	0.876899	-1.14038	0.0646851	0.479326	-2.08626	0.740381	0.888836	-1.12507	0.000715183	0.161106	-6.2071	10.3078	20.5032	1.76808	1
cg07956751	GIMAP7	0.00234242	0.350339	1.25213	1.25213	0.42726	1.20876	1.20876	0.0336903	0.5598	-1.78635	8.55E-05	0.191959	-5.20946	0.0576304	0.605228	-1.65227	0.466051	1.18947	1.18947	0.0795469	1.57646	1.57646	0.13102	1.4643	1.4643	0.0684184	0.62053	-1.61153	9.20651	7.97719	0.770198	1
cg16532400	GIMAP7	0.00238934	0.748483	0.93042	-1.07478	0.0172835	0.521998	-1.91572	0.0729451	0.638651	-1.5658	0.00109394	0.339675	-2.94399	0.00394759	0.419279	-2.38505	0.000116022	0.219907	-4.54738	0.0654873	0.629101	-1.58957	0.0794927	0.646384	-1.54707	0.0325215	0.570639	-1.75242	9.15307	7.28541	0.707513	1
cg09132388	GIMAP7	0.00239482	0.00410225	0.338028	-2.95833	0.156849	1.5319	1.5319	0.67307	1.12698	1.12698	0.00106193	0.255853	-3.90849	0.085175	1.70931	1.70931	0.280162	0.728904	-1.37192	0.047989	1.8903	1.8903	0.14062	1.56276	1.56276	0.00211165	0.295954	-3.3789	9.14691	11.4935	1.11693	1
cg08037327	GIMAP7	0.00394053	0.456055	1.16529	1.16529	0.00385804	0.456337	-2.19136	0.00537553	0.47779	-2.09297	0.987045	0.996734	-1.00328	0.78967	0.947554	-1.05535	0.809523	0.952504	-1.04986	0.000532366	2.96427	2.96427	0.931669	1.01743	1.01743	0.15945	0.738626	-1.35387	7.88801	5.07273	0.571638	1
cg01827098	GIMAP7	0.0101305	0.00222222	0.353357	-2.83	0.00610258	2.38434	2.38434	0.960544	1.01208	1.01208	0.219857	0.731127	-1.36775	0.432923	1.21442	1.21442	0.110472	1.52534	1.52534	0.232982	1.35471	1.35471	0.222934	0.732802	-1.36462	0.0458244	0.57367	-1.74316	5.88614	5.49332	0.829567	1
cg05597504	GIMAP7	0.0111737	0.979616	1.01166	1.01166	0.563729	0.767392	-1.30311	0.222458	0.559006	-1.78889	0.171683	0.516823	-1.9349	0.000662286	0.0939455	-10.6445	0.00522071	0.187933	-5.32105	0.00606817	0.196819	-5.08082	0.3018	0.61553	-1.62462	0.0582913	0.37884	-2.63964	5.70363	18.5879	2.89685	1
cg17643598	GIMAP7	0.0166915	0.00154548	0.146809	-6.81158	0.342933	0.66253	-1.50937	0.012923	0.272464	-3.67021	0.00510644	0.210321	-4.75464	0.020363	0.307861	-3.24821	0.679442	0.839387	-1.19135	0.313017	0.644224	-1.55226	0.623412	0.811777	-1.23187	0.0720062	0.429048	-2.33074	4.99999	14.0592	2.49942	1
cg00051483	GIMAP7	0.0323846	0.0177072	0.183387	-5.45294	0.0906568	0.334157	-2.99261	0.102093	0.349191	-2.86376	0.00855082	0.139074	-7.19044	0.0150512	0.172554	-5.7953	0.0748089	0.311333	-3.212	0.00840083	0.138123	-7.23994	0.343231	0.563176	-1.77564	0.0857264	0.327331	-3.05501	3.97683	21.7784	4.86784	1
cg01444712	GIMAP7	0.0444572	0.0110833	0.418465	-2.38969	0.870966	0.956513	-1.04546	0.0853435	0.594397	-1.68238	0.404816	0.792055	-1.26254	0.00583954	0.372641	-2.68355	0.199614	0.690296	-1.44865	0.200173	1.44791	1.44791	0.168128	0.669162	-1.49441	0.126418	0.636215	-1.5718	3.54157	4.19582	1.0531	1
cg01049678	GIMAP8	0.00422955	0.00613167	0.440876	-2.26821	0.134056	1.44777	1.44777	0.0799417	0.640861	-1.5604	0.276322	0.771581	-1.29604	0.000652084	0.302148	-3.30964	0.0305121	1.78993	1.78993	0.0959763	1.51994	1.51994	0.834582	1.04905	1.04905	0.0595966	0.614552	-1.6272	7.72132	6.41313	0.738288	1
cg12155963	GIMAP8	0.00692651	0.0094807	0.449501	-2.22469	0.0357512	1.81196	1.81196	0.0788126	0.622001	-1.60771	0.154772	0.690414	-1.44841	0.000416725	0.256222	-3.90287	0.770773	0.931396	-1.07366	0.290227	1.30607	1.30607	0.786091	0.935968	-1.06841	0.411517	0.81524	-1.22663	6.63692	6.22034	0.833097	1
cg01364581	GIMAP8	0.0200087	0.431831	1.53047	1.53047	0.0060715	0.149466	-6.69049	0.0181352	0.218249	-4.58191	0.0394578	0.282615	-3.53838	0.927479	0.952855	-1.04948	0.149555	0.440573	-2.26977	0.0138202	0.199071	-5.02333	0.0595107	0.323591	-3.09032	0.010599	0.181757	-5.50186	4.70387	20.9645	3.96166	1
cg15255797	GIMAP8	0.0212026	0.106888	0.627881	-1.59266	0.0250481	0.494206	-2.02345	0.00873312	0.413395	-2.41899	0.282711	1.34331	1.34331	0.0416913	0.537521	-1.86039	0.26732	1.35735	1.35735	0.792439	0.932647	-1.07222	0.966139	1.01129	1.01129	0.00568826	0.383287	-2.60901	4.61187	5.10614	0.984154	1
cg17995495	GIMAP8	0.0331055	0.00381015	0.213869	-4.67576	0.861464	0.933284	-1.07148	0.345397	0.681041	-1.46834	0.358364	1.45258	1.45258	0.0892623	0.476779	-2.09741	0.759809	0.885844	-1.12887	0.51541	1.29785	1.29785	0.087937	0.475013	-2.10521	0.00719049	0.253725	-3.94128	3.94552	9.76381	2.19969	1
cg19050266	GIMAP8	0.0464107	0.026556	0.331676	-3.01499	0.517447	1.31716	1.31716	0.0169132	0.294326	-3.39759	0.260901	0.611278	-1.63592	0.00540802	0.215051	-4.65005	0.486138	0.742999	-1.3459	0.23567	0.593521	-1.68486	0.0496258	0.390559	-2.56043	0.213872	0.577305	-1.73219	3.48493	9.72558	2.48067	1
cg18986329	GIN1	0.000295577	0.107178	1.08956	1.08956	0.00022532	0.741353	-1.34889	0.90686	1.00573	1.00573	0.0128264	1.16271	1.16271	0.0022277	1.23238	1.23238	5.82E-05	1.4381	1.4381	0.0944893	0.914245	-1.0938	0.117124	1.08657	1.08657	0.0799611	1.0994	1.0994	16.5171	0.622401	0.0334953	1
cg01612425	GIN1	0.000494598	0.113368	0.8368	-1.19503	0.0024214	1.54766	1.54766	0.121783	0.840754	-1.18941	0.000254374	1.86498	1.86498	0.0347663	1.2898	1.2898	0.0201951	0.7485	-1.33601	0.0003855	0.556698	-1.79631	0.688374	0.959165	-1.04257	0.099301	1.20544	1.20544	14.3336	2.42776	0.150556	1
cg06483441	GIN1	0.0028884	0.00313115	0.152169	-6.57163	0.00335947	0.155729	-6.4214	0.00580731	0.18565	-5.38648	0.0722149	0.392531	-2.54757	0.000961668	0.101111	-9.89013	0.419046	0.680571	-1.46935	0.000710831	0.0904178	-11.0598	0.221356	0.549292	-1.82053	0.0106729	0.224037	-4.46355	8.65493	29.7753	3.05802	1
ch.20.546216F	GINS1	0.00289177	?	?	?	?	?	?	0.000317648	0.147328	-6.78759	?	?	?	0.00993965	2.41255	2.41255	0.356008	1.24819	1.24819	0.22271	0.738201	-1.35465	0.55423	0.870957	-1.14816	0.690935	1.09627	1.09627	18.3951	9.36491	0.424248	1
cg07797805	GINS1	0.00344397	0.00411349	0.260402	-3.84022	0.145081	0.578645	-1.72818	0.0426405	0.442224	-2.2613	0.188817	0.614641	-1.62697	0.000727539	0.165928	-6.02671	0.161587	0.592989	-1.68637	0.000594647	0.156706	-6.38136	0.00413569	0.260741	-3.83523	0.0107585	0.326183	-3.06576	8.21336	15.8984	1.7206	1
cg08726071	GINS1	0.0134061	0.00370109	0.368731	-2.712	0.81144	1.06268	1.06268	0.0204411	2.03521	2.03521	0.577015	1.15411	1.15411	0.155756	1.47156	1.47156	0.704791	1.10166	1.10166	0.00491509	0.387571	-2.58017	0.314628	0.767585	-1.30279	0.363734	0.788653	-1.26798	5.37579	5.50887	0.910893	1
cg17542545	GINS1	0.0215402	0.396765	0.749888	-1.33353	0.00200372	0.235389	-4.24829	0.639055	0.854967	-1.16964	0.0410318	0.457454	-2.18601	?	?	?	0.110822	1.77938	1.77938	0.019862	0.393514	-2.54121	0.706958	0.882257	-1.13346	0.830573	1.07366	1.07366	4.66927	7.23221	1.54889	1
cg24001719	GINS1	0.0438869	0.218546	2.7536	2.7536	?	?	?	0.0220983	17.3907	17.3907	?	?	?	0.162424	0.300106	-3.33216	0.748033	0.794644	-1.25843	0.0176459	22.3004	22.3004	?	?	?	?	?	?	9.92173	35.2008	2.12871	1
cg07062412	GINS1;GINS1	0.000877688	0.451981	0.926349	-1.07951	0.548391	0.941168	-1.06251	0.00544369	1.44065	1.44065	0.926	1.00932	1.00932	0.675935	1.04287	1.04287	0.172565	0.865074	-1.15597	8.22E-05	0.492418	-2.0308	0.000927937	1.63834	1.63834	0.242968	1.12974	1.12974	12.209	1.92747	0.140332	1
cg12180051	GINS1;GINS1	0.00476371	0.03827	0.556491	-1.79697	0.237313	1.35282	1.35282	0.00173617	0.336118	-2.97515	0.266295	0.753725	-1.32674	0.0613802	0.597817	-1.67275	0.180227	1.41533	1.41533	0.000454042	0.25958	-3.85238	0.818045	0.945303	-1.05786	0.0774569	0.619351	-1.61459	7.4477	7.02803	0.838801	1
cg00250524	GINS2	0.00347356	0.0014195	3.49288	3.49288	0.121655	0.634758	-1.5754	0.194493	1.4503	1.4503	0.17436	1.47902	1.47902	0.0056447	0.37387	-2.67473	0.00267117	0.324705	-3.07972	0.152754	0.660461	-1.51409	0.2108	1.42925	1.42925	0.841622	0.94725	-1.05569	8.19237	9.51972	1.03291	1
cg01383486	GINS2	0.00371084	0.0174683	0.369387	-2.70719	0.00456929	0.272548	-3.66907	0.0161225	0.362955	-2.75516	0.240228	1.52697	1.52697	0.0273239	0.407032	-2.45681	0.0271819	0.406575	-2.45957	0.00110087	0.190837	-5.24007	0.00286079	0.243497	-4.10683	0.00677926	0.298821	-3.34648	8.03175	15.0735	1.66822	1
cg09917360	GINS2	0.031473	0.00403813	0.428541	-2.3335	0.0376941	0.589217	-1.69717	0.507215	0.862738	-1.1591	0.0557822	0.621551	-1.60888	0.0185042	0.534284	-1.87166	0.020349	0.541381	-1.84713	0.142581	0.707622	-1.41318	0.0209288	0.543492	-1.83996	0.227845	0.757471	-1.32018	4.01766	3.06392	0.677878	1
cg19890739	GINS2	0.0324959	0.0168373	0.497732	-2.00911	0.326247	1.27439	1.27439	0.0776981	0.625593	-1.59848	0.313615	1.28314	1.28314	0.00993103	0.458832	-2.17945	0.96628	1.01016	1.01016	0.215127	0.731878	-1.36635	0.0124817	0.475415	-2.10343	0.294749	0.771089	-1.29687	3.97194	3.59997	0.805646	1
cg23871933	GINS2	0.0450384	0.0431391	0.772812	-1.29397	0.579197	1.06401	1.06401	0.372773	1.10667	1.10667	0.394876	0.907991	-1.10133	0.0936534	0.815288	-1.22656	0.106965	0.822899	-1.21522	0.00266803	0.631241	-1.58418	0.102351	0.82036	-1.21898	0.430849	0.914792	-1.09314	3.5244	0.684836	0.172723	1
cg01355476	GINS2	0.0458948	0.22765	1.35006	1.35006	0.0497024	1.69996	1.69996	0.0764906	1.59525	1.59525	0.12869	0.677619	-1.47575	0.137565	0.684535	-1.46085	0.0522781	0.592639	-1.68737	0.81123	0.944869	-1.05835	0.0763916	1.59556	1.59556	0.128183	1.47664	1.47664	3.4996	3.1134	0.790796	1
cg04402205	GINS2;GINS2	0.0408411	0.0674493	0.678129	-1.47465	0.291562	1.23055	1.23055	0.199181	1.29325	1.29325	0.0885259	1.4279	1.4279	0.972886	0.993578	-1.00646	0.0857491	1.43332	1.43332	0.0304471	0.617442	-1.61958	0.513668	0.882003	-1.13378	0.0285217	0.612685	-1.63216	3.65498	2.08016	0.505893	1
cg26851141	GINS3;GINS3;GINS3	0.0050007	0.000624332	1.35593	1.35593	0.162397	0.917307	-1.09015	0.318051	1.06154	1.06154	0.894619	1.0077	1.0077	0.287455	0.938086	-1.066	0.465485	1.04392	1.04392	0.631103	0.972391	-1.02839	0.00645531	1.22747	1.22747	0.00844707	0.823158	-1.21483	7.33828	0.389201	0.047144	1
cg26635363	GINS3;GINS3;GINS3	0.0100295	0.448572	1.22798	1.22798	0.0609366	1.75364	1.75364	0.410273	1.25098	1.25098	0.943102	1.01916	1.01916	0.754417	1.08703	1.08703	0.00128687	0.287161	-3.48236	0.00518206	0.374805	-2.66806	0.568949	1.16543	1.16543	0.0487907	0.549681	-1.81924	5.90505	6.61389	0.995591	1
cg05425326	GINS3;GINS3;GINS3	0.0343236	0.668101	1.09214	1.09214	0.05429	0.640014	-1.56246	0.022077	0.570687	-1.75227	0.819346	1.04785	1.04785	0.006839	0.488792	-2.04586	0.0890534	0.681677	-1.46697	0.684279	0.919856	-1.08713	0.058955	1.5462	1.5462	0.937475	1.01616	1.01616	3.89451	2.57541	0.587816	1
cg03919836	GINS3;GINS3;GINS3;GINS3;GINS3;GINS3	0.0400142	0.745907	1.03563	1.03563	0.865173	1.01847	1.01847	0.217014	1.15012	1.15012	0.404382	0.912224	-1.09622	0.0309256	0.761216	-1.31369	0.328695	1.11466	1.11466	0.00334395	0.650514	-1.53725	0.333997	1.11326	1.11326	0.254641	1.13664	1.13664	3.68266	0.676258	0.16323	1
cg02320694	GINS4	3.86E-05	0.295138	0.843041	-1.18618	0.200468	0.808432	-1.23696	0.258407	0.830734	-1.20375	0.0288015	0.666673	-1.49999	0.85487	0.971617	-1.02921	3.90E-07	0.101975	-9.8063	0.0153132	1.59706	1.59706	0.447969	1.12932	1.12932	0.469455	1.1227	1.1227	28.5019	11.1636	0.348159	1
cg23688868	GINS4	0.000271708	0.943809	1.01513	1.01513	0.846446	0.959529	-1.04218	0.722996	1.07879	1.07879	0.552128	0.879701	-1.13675	0.358881	0.817889	-1.22266	0.000131133	0.243044	-4.11447	5.83E-05	0.204532	-4.88922	0.00837567	0.487833	-2.04988	6.31E-05	0.208175	-4.80365	16.9017	12.1544	0.639219	1
cg17835356	GINS4	0.0105027	0.00421519	0.159281	-6.27822	0.0733751	0.383981	-2.6043	0.112307	0.436549	-2.29069	0.620328	0.787093	-1.2705	0.0534428	0.349339	-2.86255	0.0110155	0.216762	-4.61335	0.00234605	0.130593	-7.65736	0.00409963	0.157819	-6.33637	0.0256783	0.280689	-3.56266	5.81845	21.1804	3.23574	1
cg26367730	GINS4	0.0179488	0.454577	0.880422	-1.13582	0.023765	1.5702	1.5702	0.00590548	0.547618	-1.82609	0.592658	0.913667	-1.09449	0.387178	0.86226	-1.15974	0.835034	1.03548	1.03548	0.0176943	0.617332	-1.61987	0.564535	1.10228	1.10228	0.0268248	1.55039	1.55039	4.8798	2.16044	0.393538	1
cg26554646	GINS4	0.0355586	0.00428085	1.90572	1.90572	0.0100485	0.577934	-1.7303	0.901394	1.02114	1.02114	0.179757	1.27182	1.27182	0.584759	1.0976	1.0976	0.59684	1.09427	1.09427	0.705774	0.937998	-1.0661	0.146878	1.30048	1.30048	0.932236	1.01446	1.01446	3.84501	1.73428	0.400931	1
cg24599942	GINS4	0.0355858	0.0161707	2.80868	2.80868	0.0214476	0.379124	-2.63766	0.879055	1.0549	1.0549	0.860372	1.06375	1.06375	0.302752	1.45455	1.45455	0.452545	1.30815	1.30815	0.00886378	3.21955	3.21955	0.112766	1.83294	1.83294	0.883128	0.949679	-1.05299	3.84395	7.5003	1.7344	1
cg14423168	GINS4	0.0358152	0.812444	1.07208	1.07208	0.00477225	2.99502	2.99502	0.0095387	2.61498	2.61498	0.795206	1.07913	1.07913	0.135055	1.60271	1.60271	0.21449	1.46613	1.46613	0.607053	0.859085	-1.16403	0.864759	0.951313	-1.05118	0.0164995	2.35776	2.35776	3.83499	5.20694	1.20688	1
cg16167524	GIP	0.00634173	0.00814664	0.0800394	-12.4938	0.00199459	0.038617	-25.8953	0.0276275	0.143451	-6.97104	0.302998	0.451348	-2.21559	0.00742808	0.0764689	-13.0772	0.0228532	0.131271	-7.61783	0.00216251	0.0403561	-24.7794	0.00443921	0.0589864	-16.9531	0.108821	0.271451	-3.68391	6.82131	60.0593	7.82637	1
cg20551517	GIP	0.00783157	0.0483948	0.201684	-4.95825	0.000566087	0.0225465	-44.3527	0.00436148	0.0669681	-14.9325	0.161286	0.345757	-2.89221	0.0180435	0.130131	-7.68457	0.0193136	0.134174	-7.45301	0.0150063	0.119725	-8.35249	0.0186199	0.131986	-7.57658	0.12164	0.303842	-3.29118	6.38674	50.9761	7.09471	1
cg27201301	GIP	0.00786716	0.595243	1.22461	1.22461	0.0257901	0.367713	-2.71951	0.0250874	0.365315	-2.73737	0.00219978	0.19745	-5.06456	0.016342	0.329775	-3.03237	0.00803058	0.277071	-3.60918	0.00610957	0.258612	-3.86679	0.58977	1.22839	1.22839	0.604281	1.21845	1.21845	6.37764	14.4251	2.0105	1
cg18155633	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.00013541	0.495945	0.832197	-1.20164	0.761835	0.922413	-1.08411	0.893521	0.965044	-1.03622	1.30E-06	0.0369401	-27.0709	0.0232078	0.486274	-2.05645	0.553768	1.17251	1.17251	0.11596	1.57451	1.57451	0.0887129	0.6072	-1.6469	0.85273	1.05061	1.05061	20.4116	22.8209	0.993808	1
cg04164838	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.000870548	0.00187571	3.37543	3.37543	0.0039289	2.91717	2.91717	0.0813988	1.70389	1.70389	0.016037	2.25507	2.25507	0.0222146	2.13024	2.13024	0.955439	1.01554	1.01554	0.00347214	2.98742	2.98742	2.52E-05	10.0499	10.0499	0.196249	1.4579	1.4579	12.2371	14.7515	1.07153	1
cg07720105	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.000914147	0.0608784	0.712656	-1.4032	0.367688	1.15993	1.15993	0.0626249	0.714669	-1.39925	0.0526244	0.702387	-1.42372	0.0153063	0.620413	-1.61183	0.000208154	0.369622	-2.70546	0.00105071	0.459658	-2.17553	0.0113028	0.601299	-1.66307	0.00013063	0.344748	-2.90067	12.0694	4.91414	0.361917	1
cg10064322	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.00104136	0.0217378	1.66559	1.66559	0.0759205	1.44168	1.44168	0.377484	0.845599	-1.18259	0.0438857	1.53561	1.53561	0.90154	1.02319	1.02319	0.0521925	1.50531	1.50531	0.0455945	1.52888	1.52888	1.29E-05	5.45601	5.45601	0.156466	1.32409	1.32409	11.632	6.31863	0.482855	1
cg13150596	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.00276221	0.968136	1.00669	1.00669	0.000535941	2.45812	2.45812	0.087328	1.37046	1.37046	0.0290185	1.53676	1.53676	0.00557213	0.544504	-1.83654	0.0371933	0.667745	-1.49758	0.194595	0.795257	-1.25745	0.723075	1.0612	1.0612	0.0183013	1.61299	1.61299	8.77015	3.87178	0.39242	1
cg00849435	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.00336299	0.503844	1.41031	1.41031	0.0405087	0.301475	-3.31702	0.528442	1.38223	1.38223	4.35E-05	0.0195976	-51.0266	0.829753	0.896608	-1.11531	0.635454	0.785024	-1.27385	0.323676	0.596529	-1.67636	0.557201	0.740156	-1.35107	0.456819	1.46826	1.46826	8.27197	33.654	3.61639	1
cg20742389	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.00890274	0.0149143	4.55363	4.55363	0.00887438	5.39961	5.39961	0.0757843	2.72018	2.72018	0.120898	2.34349	2.34349	0.0162471	4.42935	4.42935	0.606985	0.768961	-1.30046	0.24409	1.85347	1.85347	0.000491699	15.8614	15.8614	0.968434	1.02024	1.02024	6.13348	24.905	3.60934	1
cg14116764	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.0107056	0.874311	0.950443	-1.05214	0.841179	1.06654	1.06654	0.0661244	1.93837	1.93837	0.000530236	0.176847	-5.65459	?	?	?	0.405135	0.760729	-1.31453	0.217227	1.51715	1.51715	?	?	?	0.38628	0.751893	-1.32998	6.0419	7.67245	1.45128	1
cg16905207	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.044159	0.0991378	1.44472	1.44472	0.0569171	0.645009	-1.55037	0.156926	0.734842	-1.36084	0.833588	0.958086	-1.04375	0.458937	0.857726	-1.16587	0.984471	0.996047	-1.00397	0.00369489	2.22213	2.22213	0.76639	0.941166	-1.06251	0.406972	0.841443	-1.18843	3.55048	2.32902	0.583087	1
cg08734853	GIPC1;GIPC1;LOC100130932;GIPC1;GIPC1;GIPC1;GIPC1	0.0100629	0.994988	1.00199	1.00199	0.0404453	2.11873	2.11873	0.00677789	0.328505	-3.04409	0.0774971	0.536586	-1.86364	0.00452508	0.301167	-3.32042	0.348741	0.736367	-1.35802	0.00686427	0.329388	-3.03593	0.748392	1.10749	1.10749	0.0429282	0.477555	-2.094	5.89877	9.40184	1.41677	1
cg24934316	GIPC1;GIPC1;LOC100130932;GIPC1;GIPC1;GIPC1;GIPC1	0.0111721	0.00505595	1.95298	1.95298	0.0358444	0.643449	-1.55413	0.245677	0.803127	-1.24513	0.0336365	0.638866	-1.56527	0.0150527	0.583027	-1.71519	0.532319	1.12099	1.12099	0.0541382	1.48388	1.48388	0.791652	1.04897	1.04897	0.123636	0.73999	-1.35137	5.7039	2.94531	0.458994	1
cg27330830	GIPC1;GIPC1;LOC100130932;GIPC1;GIPC1;GIPC1;GIPC1	0.0114611	0.179086	0.667338	-1.49849	0.340952	1.3206	1.3206	0.0022391	0.297349	-3.36305	0.0297037	0.484243	-2.06508	0.00230405	0.299102	-3.34334	0.985737	1.00508	1.00508	0.018698	0.445917	-2.24257	0.622083	1.15118	1.15118	0.445691	0.802282	-1.24644	5.65706	7.19491	1.13053	1
cg20785560	GIPC2	0.000710809	0.017807	1.88419	1.88419	0.000787088	3.05247	3.05247	0.2242	1.32414	1.32414	0.607653	1.12061	1.12061	0.123615	0.692996	-1.44301	0.0437788	0.600724	-1.66466	0.000131234	0.232342	-4.304	0.0143894	1.94134	1.94134	0.180374	1.36726	1.36726	12.9552	9.92121	0.680721	1
cg09662920	GIPC2	0.00949626	0.0113439	4.12614	4.12614	0.217796	1.78541	1.78541	0.560602	0.768672	-1.30095	0.159544	1.95821	1.95821	0.327556	0.636444	-1.57123	0.682257	0.831908	-1.20206	0.00494988	0.189405	-5.27969	0.00440946	5.47025	5.47025	0.0755916	2.42134	2.42134	6.00895	19.0237	2.81412	1
cg15015070	GIPC2	0.0129136	0.164828	0.609092	-1.64179	0.00216011	0.236756	-4.22375	0.0740726	0.513751	-1.94647	0.875274	0.948802	-1.05396	0.0336262	0.435915	-2.29403	0.71442	1.13084	1.13084	0.0231528	2.48039	2.48039	0.0602462	2.03209	2.03209	0.10283	1.02083	1.02083	5.44198	9.64839	1.57596	1
cg26263401	GIPC2	0.024508	0.426319	1.15389	1.15389	0.0255251	1.59623	1.59623	0.313987	1.21371	1.21371	0.0291501	[illegible]	[illegible]	[illegible]	0.636557	-1.57095	0.548548	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02684286	GIPC2	0.0297122	0.0529565	1.9344	1.9344	0.0178676	2.37169	2.37169	0.906729	0.965449	-1.03579	0.399834	1.29505	1.29505	0.0930784	0.617267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07679230	GIPC3	5.67E-05	5.11E-05	0.272966	-3.66346	0.00111278	0.439488	-2.27538	0.0121665	0.558706	-1.70718	0.00704028	0.550856	-1.81536	7.02E-06	0.182396	-5.48257	0.000194175	0.341867	-2.92512	3.27E-05	0.251236	-3.98032	0.000525742	0.396623	-2.52129	0.0495863	0.681512	-1.46732	25.751	11.9482	0.412435	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01895124	GIPC3	0.000251858	0.00121665	0.33612	-2.97513	0.00358553	0.403211	-2.48009	0.497001	1.1721	1.1721	0.264366	0.764991	-1.3072	2.94E-05	0.151642	-6.59446
cg08480398	GIPC3	0.000313397	0.0152291	0.696205	-1.43636	0.339381	0.887244	-1.12709	0.0265861	1.37619	1.37619	0.00297241	0.609408	-1.64094	0.0159946	0.698858	-1.4309
cg17705066	GIPC3	0.000665692	0.00124783	0.0391218	-25.5612	0.390566	0.546238	-1.8307	0.558656	0.665964	-1.50158	0.629625	0.716053	-1.39655	0.000346943	0.0191524	-52.2128
cg00942551	GIPC3	0.00153971	0.00102095	0.127996	-7.81275	0.000946079	0.124823	-8.01135	0.060593	0.409394	-2.44264	0.0603005	0.408874	-2.44574	0.00164138	0.149104	-6.70671
cg14202338	GIPC3	0.00201455	0.00541948	0.315985	-3.16471	0.013258	0.38052	-2.62798	0.201907	0.654309	-1.52833	0.036107	0.464292	-2.15382	0.00180714	0.247407	-4.04193
cg26709695	GIPC3	0.00377792	0.811586	1.03168	1.03168	9.41E-05	0.402901	-2.482	0.0367981	0.72852	-1.37265	0.159285	1.21704	1.21704	0.244321	0.852948	-1.1724
cg04257362	GIPC3	0.030008	0.0611932	0.138879	-7.20054	0.530684	0.557409	-1.79402	0.00841998	24.9117	24.9117	0.19617	0.281917	-3.54714	0.0251569	0.0809285	-12.3566
cg05333844	GIPR	1.19E-05	0.00259005	0.449914	-2.22265	0.00440974	0.48329	-2.06915	0.000739412	2.6657	2.6657	0.0668108	1.48162	1.48162	5.39E-06	0.139435	-7.17182
cg08033165	GIPR	1.67E-05	0.574861	1.09413	1.09413	0.0103903	1.66909	1.66909	0.000732094	0.442735	-2.25869	0.0663612	0.721184	-1.38661	5.39E-06	0.195041	-5.12713
cg10594495	GIPR	3.94E-05	0.000723175	1.28152	1.28152	0.00211848	1.23168	1.23168	0.126038	1.08312	1.08312	0.000603755	1.2906	1.2906	0.00399303	1.20518	1.20518
cg08264859	GIPR	0.000111955	0.000966473	2.95197	2.95197	0.0704021	1.5614	1.5614	0.309064	1.26106	1.26106	0.00736565	0.467218	-2.14033	0.00121147	2.8404	2.8404
cg20901882	GIPR	0.000116659	0.00173129	2.09029	2.09029	0.0086903	1.73631	1.73631	0.00246159	2.00338	2.00338	0.210495	0.804363	-1.24322	0.000530847	2.43538	2.43538
cg18735402	GIPR	0.000174588	0.0291141	0.365949	-2.73262	0.00202131	5.48654	5.48654	0.414864	1.38516	1.38516	0.362273	0.693459	-1.44205	0.0025942	0.195621	-5.11192
cg20434926	GIPR	0.000563535	0.253399	0.617148	-1.62036	0.000859888	7.5765	7.5765	0.210116	1.70642	1.70642	0.331575	1.49981	1.49981	0.000314206	0.0941147	-10.6253
cg04689379	GIPR	0.00069061	0.193319	0.784254	-1.2751	0.427921	1.1536	1.1536	0.529889	0.893732	-1.1189	0.0542399	0.679994	-1.4706	0.00655539	0.536083	-1.86538
cg14661225	GIPR	0.000720529	0.0687927	1.1316	1.1316	0.00212805	1.29958	1.29958	0.351364	1.05995	1.05995	0.00712044	1.23492	1.23492	0.0648867	0.881756	-1.1341
cg23047952	GIPR	0.000797165	0.0553974	0.638404	-1.56641	2.04E-05	5.92862	5.92862	0.00669479	2.06879	2.06879	0.619805	0.901796	-1.1089	0.636472	0.906287	-1.1034
cg09997082	GIPR	0.00103019	0.338844	0.731363	-1.36731	0.0869497	1.82184	1.82184	0.0738191	0.531344	-1.88202	0.0754679	0.533674	-1.8738	0.000263519	0.149198	-6.70251
cg13320842	GIPR	0.00305841	0.00903875	0.257015	-3.89083	0.487988	0.749408	-1.33439	0.604238	0.80728	-1.23873	0.134367	0.516365	-1.93661	0.00106394	0.137956	-7.2487
cg17351154	GIPR	0.00328397	0.039853	0.766639	-1.30439	0.00312982	1.57122	1.57122	0.0267416	1.34119	1.34119	0.0215593	0.734407	-1.36164	0.00497433	0.659774	-1.51567
cg19822309	GIPR	0.0189734	0.270683	0.616118	-1.62307	0.0160214	3.47302	3.47302	0.575735	1.26969	1.26969	0.615917	0.807673	-1.23812	0.0029344	0.178101	-5.6148
cg22965634	GIPR	0.0310962	0.00287841	0.530745	-1.88414	0.539527	0.908476	-1.10074	0.297746	1.18152	1.18152	0.0788044	0.739613	-1.35206	0.117151	0.768733	-1.30084
cg16082401	GIPR	0.0495222	0.438793	0.668061	-1.49687	0.0408611	3.33911	3.33911	0.796398	1.14119	1.14119	0.750336	0.849535	-1.17711	0.0586337	0.335833	-2.97767
cg09914060	GIT1;GIT1	0.000207766	0.930447	0.990701	-1.00939	8.15E-05	0.467509	-2.13899	9.88E-05	0.477196	-2.09558	0.482422	1.0794	1.0794	0.421072	0.915793	-1.09195
cg17143972	GIT1;GIT1	0.0113788	0.176762	0.746542	-1.33951	0.0032264	2.26608	2.26608	0.00180906	0.405318	-2.4672	0.157528	1.36026	1.36026	0.87119	1.03359	1.03359
cg06013127	GIT1;GIT1	0.0183195	0.353257	0.792772	-1.2614	0.00238333	2.79983	2.79983	0.016158	2.0451	2.0451	0.339061	0.786961	-1.27071	0.786009	1.0684	1.0684
cg02392688	GIT1;GIT1	0.03947	?	?	?	0.0230094	3.12893	3.12893	0.0600093	2.18363	2.18363	?	?	?	?	?	?
cg11843090	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	3.70E-06	0.000295424	0.433581	-2.30637	0.0126028	0.644173	-1.55238	0.0694266	0.749806	-1.33368	0.00163	0.527338	-1.89632	8.53E-06	0.253303	-3.94784
cg06549955	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.000331217	0.162121	0.915461	-1.09235	0.000404512	1.39479	1.39479	2.07E-05	1.6627	1.6627	0.134853	1.10009	1.10009	0.000620039	1.36574	1.36574
cg18690019	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.0142746	0.516932	0.876148	-1.14136	0.00227893	0.423737	-2.35995	0.00182711	0.410168	-2.43803	0.40122	0.841228	-1.18874	0.547831	1.13018	1.13018
cg04684246	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.0238944	0.756451	1.04498	1.04498	0.203586	0.827131	-1.209	0.041355	0.716927	-1.39484	0.0926039	0.7697	-1.29921	0.898173	1.01827	1.01827
cg11964345	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.0194935	0.671875	1.07142	1.07142	0.596534	0.917129	-1.09036	0.845767	1.03204	1.03204	0.0881163	0.737328	-1.35625	0.00118883	0.463242	-2.1587
cg15415545	GIYD1;SULT1A3;GIYD2;BOLA2B;GIYD1;BOLA2;SULT1A4;GIYD2	0.00395135	0.071636	0.621853	-1.6081	0.712602	1.09131	1.09131	0.0992983	1.53221	1.53221	0.914588	0.97498	-1.02566	0.000190981	0.226593	-4.4132
cg07049552	GIYD1;SULT1A3;GIYD2;BOLA2B;GIYD1;BOLA2;SULT1A4;GIYD2	0.0378892	0.215654	0.609176	-1.64156	0.0227719	2.8197	2.8197	0.347333	0.692088	-1.4449	0.749914	1.12934	1.12934	0.0106896	0.295111	-3.38855
cg23176309	GJA1	3.61E-06	0.000119175	0.664907	-1.50397	0.00022111	0.688601	-1.45222	0.398313	1.05384	1.05384	0.0533614	1.14235	1.14235	2.15E-07	2.58723	2.58723
cg17160382	GJA1	0.000163668	0.0755137	0.6057	-1.65098	0.384996	0.79796	-1.2532	0.780572	0.93168	-1.07333	0.4093	1.23843	1.23843	0.031459	0.527625	-1.89529
cg10992014	GJA1	0.000515835	0.00145928	0.330356	-3.02704	0.00103634	0.310157	-3.22418	0.00421673	0.397221	-2.51749	0.245992	0.746501	-1.33958	0.348938	0.792672	-1.26156
cg10446179	GJA1	0.00515961	0.304323	0.775747	-1.28908	0.444037	1.20474	1.20474	0.000674157	3.45928	3.45928	0.16596	0.702834	-1.42281	0.603012	1.13342	1.13342
cg24375465	GJA1	0.0185633	0.627556	0.892309	-1.12069	0.00097749	0.318897	-3.1358	0.96773	0.990616	-1.00947	0.539888	0.865343	-1.15561	0.932941	0.980578	-1.01981
cg11590170	GJA1	0.0303577	0.268721	1.22198	1.22198	0.0844854	1.39391	1.39391	0.452094	0.875186	-1.14261	0.462516	1.13901	1.13901	0.000559934	2.53757	2.53757
cg04652961	GJA1	0.0445709	0.0101414	0.39162	-2.55349	0.598956	0.857781	-1.1658	0.282616	1.38091	1.38091	0.0724719	0.560253	-1.78491	0.0661827	0.551166	-1.81434
cg26332253	GJA1	0.0461801	0.684349	1.07218	1.07218	0.574711	0.907858	-1.10149	0.00084479	2.35308	2.35308	0.928143	1.0155	1.0155	0.421011	0.869216	-1.15046
cg23109018	GJA10	2.01E-06	0.473764	1.07988	1.07988	0.00160768	0.62052	-1.61155	1.37E-05	0.383285	-2.60903	0.000174973	0.510894	-1.95735	0.00196582	0.630346	-1.58643
cg25217765	GJA10	0.000193051	0.0223696	0.463853	-2.15586	0.0823097	0.582603	-1.71644	0.0344021	0.500277	-1.99889	0.94897	1.01813	1.01813	0.00436789	0.343455	-2.91159
cg08947964	GJA10	0.0078379	0.496517	0.80479	-1.24256	0.0461846	0.487449	-2.0515	0.00678166	0.331637	-3.01535	0.297543	0.71198	-1.40453	0.00167641	0.243353	-4.10925
cg08173660	GJA10	0.0192128	0.253114	1.13211	1.13211	0.0348644	0.774419	-1.29129	0.00054968	0.572443	-1.7469	0.897736	1.01346	1.01346	0.146672	0.85049	-1.17579
cg03320844	GJA1;GJA1	0.00583199	0.0189685	0.628228	-1.59178	0.00039032	0.396505	-2.52204	0.178503	0.791443	-1.26351	0.696635	1.06621	1.06621	0.0450472	0.68638	-1.45692
cg21543150	GJA3	0.000130406	0.759023	1.03544	1.03544	9.24E-06	2.95864	2.95864	0.0466267	1.2942	1.2942	0.337117	1.11853	1.11853	0.339498	1.11788	1.11788
cg07039404	GJA3	0.000409975	0.0999366	0.727699	-1.3742	0.217959	0.795717	-1.25673	0.049206	0.673108	-1.48565	0.108388	0.734316	-1.36181	0.0729149	0.702771	-1.42294
cg12428416	GJA3	0.00253145	0.551239	0.857132	-1.16668	0.60015	0.873498	-1.14482	0.403408	0.80361	-1.24438	0.931744	0.978333	-1.02215	0.194606	1.42029	1.42029
cg15344726	GJA3	0.00442964	0.545636	0.819912	-1.21964	0.0106447	2.83661	2.83661	0.159337	1.62949	1.62949	0.267113	1.45549	1.45549	0.000269737	0.143745	-6.95674
cg17049889	GJA3	0.00500135	0.295516	0.646919	-1.54579	0.0228503	0.335078	-2.98438	0.261063	1.60094	1.60094	?	?	?	0.000282138	0.0922916	-10.8352
cg01767631	GJA3	0.00858113	0.0302648	3.1874	3.1874	0.00491712	5.44998	5.44998	0.0987811	2.27895	2.27895	0.29032	1.64774	1.64774	0.0215701	3.51079	3.51079
cg04355697	GJA3	0.0133058	0.00272126	0.0932329	-10.7258	0.023337	0.211528	-4.7275	0.0937062	0.34765	-2.87645	0.393041	0.605614	-1.65122	0.0371251	0.249793	-4.00331
cg26133081	GJA3	0.0166481	0.263409	1.94791	1.94791	0.169171	0.432711	-2.31101	0.0275384	0.225256	-4.4394	0.995123	0.996511	-1.0035	0.199347	0.460472	-2.17169
cg12891195	GJA3	0.0427516	0.35938	1.86916	1.86916	0.306337	2.01969	2.01969	0.65693	0.743267	-1.34541	0.842047	0.875966	-1.1416	0.152178	0.361287	-2.76788
cg07070934	GJA4	0.00156776	7.34E-05	6.49483	6.49483	0.280368	1.33803	1.33803	0.0049859	0.381185	-2.6234	0.0885656	0.614128	-1.62833	0.0471722	0.554663	-1.8029
cg12447066	GJA4	0.00698924	0.277381	0.842945	-1.18632	0.0121713	0.623401	-1.6041	0.593592	0.921765	-1.08488	0.000319572	0.414324	-2.41357	0.00227043	0.524251	-1.90748
cg00416130	GJA4	0.0188673	0.113019	0.796249	-1.25589	0.219397	0.843158	-1.18602	0.00844696	0.641323	-1.55928	0.0293186	0.712409	-1.40369	0.00101648	0.525315	-1.90362
cg02103822	GJA5	1.08E-05	0.173643	0.851179	-1.17484	0.0846365	0.808729	-1.23651	1.61E-06	0.260841	-3.83375	0.0747748	1.24722	1.24722	0.0570291	1.27085	1.27085
cg17941330	GJA5	0.000335048	0.0304865	0.738828	-1.35349	0.0280972	1.36173	1.36173	0.000142491	0.458034	-2.18324	0.00135353	0.574676	-1.74011	0.353848	1.12025	1.12025
cg11423701	GJA5	0.00737536	0.20202	1.43577	1.43577	0.00100602	0.269631	-3.70877	0.039112	0.526726	-1.89852	0.162505	1.49236	1.49236	0.207429	1.42895	1.42895
cg08307963	GJA5	0.0110858	0.055132	0.666542	-1.50028	0.311339	1.21581	1.21581	0.0236825	0.604187	-1.65512	0.00604482	0.512227	-1.95226	0.444011	0.864517	-1.15672
cg26191449	GJA5	0.0159155	0.684636	0.954294	-1.0479	0.406669	0.907323	-1.10214	0.00307321	0.62854	-1.59099	0.647732	0.948657	-1.05412	0.258826	1.14451	1.14451
cg27546670	GJA5	0.0172576	0.455805	1.43507	1.43507	0.0694538	0.380707	-2.62669	0.590902	0.772555	-1.29441	0.423486	1.47515	1.47515	0.0246585	0.280174	-3.5692
cg26558992	GJA5;GJA5	0.00157596	0.941028	0.98389	-1.01637	0.0064215	0.459216	-2.17762	0.0105138	0.49326	-2.02733	0.000719428	0.323094	-3.09507	0.121161	1.44615	1.44615
cg06796381	GJA5;GJA5	0.00172229	0.178058	1.27844	1.27844	0.025345	0.63363	-1.57821	5.92E-05	0.279261	-3.58088	0.560144	1.10642	1.10642	0.385397	0.858347	-1.16503
cg08894131	GJA5;GJA5	0.00457908	0.894658	1.03827	1.03827	0.00320778	3.12808	3.12808	0.605934	0.862833	-1.15897	0.0506581	0.531875	-1.88014	0.00164588	0.27871	-3.58796
cg00421368	GJA5;GJA5	0.00870669	0.608135	0.894097	-1.11845	0.185183	0.737759	-1.35546	0.0113157	0.503323	-1.98679	0.011231	0.502793	-1.98889	0.000209464	0.261229	-3.82806
cg12740910	GJA5;GJA5	0.016403	0.338209	0.675631	-1.4801	0.602789	0.811782	-1.23186	0.0100094	0.27488	-3.63795	0.00348617	0.20713	-4.82788	0.113277	0.504349	-1.98275
cg21267551	GJA5;GJA5	0.0229323	0.983155	1.00416	1.00416	0.0136424	0.548742	-1.82235	0.0055778	0.48869	-2.04629	0.278649	1.24803	1.24803	0.723456	0.932504	-1.07238
cg11787626	GJA5;GJA5	0.0346155	0.435703	1.20944	1.20944	0.327783	0.785416	-1.27321	0.00187393	0.348352	-2.87066	0.290042	0.76907	-1.30027	0.222201	1.35902	1.35902
cg07975634	GJA5;GJA5;GJA5	0.0159099	0.243793	0.754166	-1.32597	0.0172212	1.95705	1.95705	0.0430979	0.583658	-1.71333	0.00114884	0.331013	-3.02103	0.980584	0.994386	-1.00565
cg16574962	GJA8	0.00019338	0.696248	1.07513	1.07513	0.00264054	0.463782	-2.15619	0.00187452	0.442939	-2.25765	0.884449	1.02722	1.02722	5.65E-06	0.151099	-6.61819
cg25372115	GJA8	0.000622328	0.5546	0.897834	-1.11379	0.0853669	0.709692	-1.40906	9.05E-06	0.176795	-5.65627	0.109754	0.73025	-1.36939	0.0226043	0.61123	-1.63605
cg00923259	GJA8	0.00238795	0.00066378	0.396651	-2.52111	0.0010759	2.3557	2.3557	0.607808	0.91225	-1.09619	0.6747	0.927843	-1.07777	0.0145346	0.586192	-1.70593
cg05161602	GJA8	0.00977674	0.10184	0.516328	-1.93675	0.522811	0.787374	-1.27005	0.00220533	0.205187	-4.87361	0.0669562	0.468608	-2.13398	0.00239178	0.20969	-4.76894
cg16023912	GJA8;GJA8	0.0489132	0.0445303	0.315974	-3.16482	0.624586	1.27929	1.27929	0.0658736	0.356793	-2.80275	0.0734397	0.369073	-2.70949	0.00285148	0.128667	-7.77202
cg08867767	GJA9	0.00461378	0.458309	0.922642	-1.08384	0.151273	0.848788	-1.17815	0.0329659	0.76652	-1.3046	0.00912029	0.702469	-1.42355	0.00206286	0.6296	-1.58831
cg15626629	GJB1;BCYRN1;GJB1	0.026669	0.0346665	0.141612	-7.06156	0.00112302	0.022217	-45.0106	0.0351769	0.142638	-7.01075	0.370325	0.481814	-2.07549	0.0546248	0.17721	-5.64301
cg27633912	GJB1;BCYRN1;GJB1	0.033446	0.0189503	0.403528	-2.47814	0.00498004	0.305059	-3.27806	0.0182746	0.400574	-2.49642	0.321173	0.72083	-1.38729	0.548075	0.548178	-1.82422
cg11381282	GJB2	9.62E-06	0.956089	0.989492	-1.01062	0.127651	1.37164	1.37164	2.23E-06	0.108572	-9.21048	0.00172417	0.424052	-2.3582	6.98E-07	0.0755532	-13.2357
cg09219142	GJB2	0.00383572	0.532642	0.957158	-1.04476	0.00158685	0.730444	-1.36903	0.436821	0.946526	-1.05649	0.371403	0.938394	-1.06565	0.68247	0.971905	-1.02891
cg03689120	GJB2	0.00600687	0.126388	0.749301	-1.33458	0.122481	1.33926	1.33926	0.342301	1.18622	1.18622	0.0124152	0.580933	-1.72137	0.179461	0.779679	-1.28258
cg17967059	GJB2	0.00750179	0.129422	1.58297	1.58297	0.550023	0.844052	-1.18476	0.178979	0.670167	-1.49217	0.146188	0.645773	-1.54853	0.908777	0.968378	-1.03265
cg09195389	GJB2	0.0139962	0.00450625	8.02091	8.02091	0.0131283	5.42767	5.42767	0.883825	1.08373	1.08373	0.320249	1.75915	1.75915	0.253941	0.519349	-1.92549
cg12869351	GJB2	0.0169598	0.510648	0.851163	-1.17486	0.452501	0.831131	-1.20318	0.0322672	0.53818	-1.85812	0.659413	1.11292	1.11292	0.00117502	3.39698	3.39698
cg05850327	GJB2	0.018952	0.0508837	0.234634	-4.26196	0.306426	1.99407	1.99407	0.869191	1.11341	1.11341	0.899919	1.08547	1.08547	0.067267	0.262728	-3.80622
cg19037327	GJB2	0.0244927	0.00451598	0.423821	-2.35949	0.723755	1.08383	1.08383	0.872278	1.03717	1.03717	0.68205	1.09794	1.09794	0.984948	1.00429	1.00429
cg24425972	GJB2	0.0302227	0.0350944	0.316087	-3.16368	0.186305	0.518244	-1.92959	0.0143946	0.24288	-4.11727	0.228076	0.552375	-1.81036	0.0777216	0.398611	-2.50871
cg10939579	GJB2	0.0433717	0.265356	0.657253	-1.52148	0.0514814	2.22904	2.22904	0.70632	0.872085	-1.14668	0.323317	1.44606	1.44606	0.486183	1.29155	1.29155
cg11054936	GJB2	0.0487615	0.0858454	2.06532	2.06532	0.0147371	3.14803	3.14803	0.0644122	2.2118	2.2118	0.860097	0.934819	-1.06973	0.0112033	3.36786	3.36786
cg09790502	GJB2;GJB2	5.10E-05	0.195976	0.747418	-1.33794	0.26566	1.28012	1.28012	0.118131	1.4351	1.4351	0.834658	1.0455	1.0455	0.291442	1.26246	1.26246
cg09640682	GJB2;GJB2	7.21E-05	0.304367	0.894746	-1.11764	0.000514665	1.76251	1.76251	0.0701708	1.23572	1.23572	0.348143	0.903939	-1.10627	0.327425	1.11149	1.11149
cg01939825	GJB3	0.007958	0.132261	1.44674	1.44674	0.00798956	0.46167	-2.16605	0.194787	0.732127	-1.36588	0.510554	0.859219	-1.16385	0.00500442	0.429832	-2.32649
cg21151355	GJB3;GJB3	9.66E-05	0.00649063	1.55083	1.55083	3.23E-05	2.72588	2.72588	0.0151802	1.44758	1.44758	0.000461714	1.98079	1.98079	0.00230653	0.589711	-1.69575
cg23532980	GJB3;GJB3	0.000145131	0.835872	1.04886	1.04886	0.154229	0.704166	-1.42012	0.262314	0.764309	-1.30837	1.21E-05	0.119399	-8.37527	4.22E-05	0.166713	-5.99833
cg18262616	GJB3;GJB3	0.00908789	0.281391	0.464252	-2.154	0.00130057	24.7849	24.7849	0.814669	0.851344	-1.17461	0.619657	0.709685	-1.40908	0.355347	0.521183	-1.91871
cg00259249	GJB3;GJB3	0.0165077	0.243009	1.31878	1.31878	0.00195445	2.69623	2.69623	0.494699	0.854661	-1.17005	0.0291048	1.79045	1.79045	0.625726	1.11777	1.11777
cg09178385	GJB3;GJB3	0.0320767	0.338307	1.42051	1.42051	0.0104147	3.14909	3.14909	0.710964	0.87602	-1.14153	0.0195952	2.72631	2.72631	0.443848	1.31998	1.31998
cg08650784	GJB3;GJB3	0.0444759	0.0225327	0.231664	-4.3166	0.049732	0.301746	-3.31404	0.32773	0.582297	-1.71734	0.345651	0.594588	-1.68184	0.0495236	0.301326	-3.31867
cg13429414	GJB3;GJB3;GJB3	0.00720289	0.31395	0.883092	-1.13239	0.00357984	1.60163	1.60163	0.0190923	1.40306	1.40306	0.452526	1.09567	1.09567	0.0738871	1.26849	1.26849
cg13263483	GJB3;GJB3;GJB3	0.0107267	0.27384	0.845251	-1.18308	0.598908	0.92463	-1.08151	0.00844885	1.64295	1.64295	0.531229	0.910609	-1.09817	0.532448	0.910868	-1.09785
cg18965684	GJB4	4.71E-05	0.0229707	0.801295	-1.24798	0.00010663	1.74526	1.74526	0.000148196	0.587915	-1.70093	0.193945	1.11844	1.11844	6.20E-06	0.439014	-2.27783
cg15554401	GJB4	0.00191249	0.738066	0.945881	-1.05722	0.0540663	1.43687	1.43687	0.000232819	0.363405	-2.75175	0.0342831	0.664051	-1.50591	0.005395	0.544868	-1.83531
cg06088858	GJB4	0.00195625	?	?	?	0.00332728	0.556341	-1.79746	0.0613698	0.750835	-1.33185	?	?	?	?	?	?
cg13963693	GJB4	0.00228427	0.258727	0.856298	-1.16782	0.722469	0.954136	-1.04807	3.87E-05	0.354105	-2.82402	0.733519	0.956008	-1.04602	0.15988	0.820609	-1.21861
cg03932453	GJB4	0.00447916	0.0643127	0.588441	-1.69941	0.00451256	0.380769	-2.62626	0.014815	0.465401	-2.14868	0.00553093	0.394506	-2.53481	0.000260359	0.216059	-4.62838
cg16347629	GJB4	0.00725366	0.06787	0.589805	-1.69548	0.626506	1.13497	1.13497	0.112063	0.63975	-1.56311	0.186944	0.696896	-1.43493	0.015872	0.466439	-2.1439
cg01828548	GJB4	0.00926876	0.00332805	0.254842	-3.924	0.0337811	0.428315	-2.33473	0.0116399	0.340048	-2.94076	0.00680168	0.301334	-3.31857	0.00158398	0.211978	-4.71746
cg01385862	GJB4	0.0211541	0.885727	1.03712	1.03712	0.000559124	0.257561	-3.88258	0.0716173	0.600582	-1.66505	0.707406	0.908857	-1.10028	0.0566636	0.578802	-1.72771
cg17970328	GJB4	0.0301429	0.665154	0.908887	-1.10025	0.224513	0.755849	-1.32302	0.0416574	0.597369	-1.67401	0.107227	0.679949	-1.4707	0.0523273	0.616219	-1.6228
cg17102325	GJB5	0.000206769	0.258348	0.862676	-1.15918	0.000231582	0.465159	-2.1498	1.09E-05	0.309074	-3.23547	0.557759	1.07708	1.07708	0.0261583	0.718589	-1.39162
cg21206180	GJB5	0.00121929	0.0274927	0.65616	-1.52402	0.357333	0.858149	-1.1653	0.00202471	0.494846	-2.02083	0.000123084	0.338726	-2.95224	0.0142356	0.613462	-1.63009
cg01440350	GJB5	0.0177706	0.947209	1.00796	1.00796	0.598089	1.06581	1.06581	0.056231	0.771794	-1.29568	0.531232	1.07895	1.07895	0.00153347	0.579126	-1.72674
cg13170235	GJB5	0.0201273	0.218305	0.69192	-1.44525	0.232539	1.4277	1.4277	0.0907134	0.588568	-1.69904	0.000755122	0.233915	-4.27505	0.0760727	0.570399	-1.75316
cg01603395	GJB5	0.0258078	0.803213	0.965475	-1.03576	0.00519293	0.595062	-1.6805	0.337133	0.870006	-1.14942	0.434819	1.11866	1.11866	0.105004	0.779359	-1.28311
cg07823670	GJB5	0.0289457	0.0316119	0.260156	-3.84385	0.0279006	0.249538	-4.0074	0.256559	0.531149	-1.88271	0.160801	0.449171	-2.22632	0.00158784	0.0887407	-11.2688
cg12405421	GJB5	0.0499219	0.0124203	0.724836	-1.37962	0.816273	0.976216	-1.02436	0.223621	1.14138	1.14138	0.285304	0.891561	-1.12163	0.626023	0.950473	-1.05211
cg06536967	GJB5;GJB4	0.0282838	0.00307514	0.215179	-4.6473	0.0866535	0.488003	-2.04917	0.0886604	0.490668	-2.03804	0.00459622	0.239291	-4.17901	0.0711092	0.465663	-2.14748
cg25700432	GJB6;GJB6;GJB6;GJB6	3.34E-06	2.26E-07	0.116209	-8.6052	0.0611209	1.33861	1.33861	2.68E-05	0.317883	-3.14581	2.85E-05	0.320828	-3.11693	0.00163523	0.5361	-1.86533
cg06952681	GJB6;GJB6;GJB6;GJB6	9.91E-05	0.538664	1.11645	1.11645	0.00582501	0.527837	-1.89452	0.0543752	0.679576	-1.47151	0.423925	0.865442	-1.15548	1.43E-05	0.202066	-4.94887
cg03568673	GJB6;GJB6;GJB6;GJB6	0.00270861	0.717195	0.911676	-1.09688	0.312348	1.30432	1.30432	0.0128471	0.455922	-2.19336	0.208764	0.714017	-1.40053	0.00412143	0.376036	-2.65932
cg26764846	GJB6;GJB6;GJB6;GJB6	0.00272459	0.153885	0.544666	-1.83599	0.00235402	0.184718	-5.41365	0.00823463	0.260516	-3.83854	0.0373708	0.382316	-2.61563	0.0316725	0.366958	-2.72511
cg03335886	GJB6;GJB6;GJB6;GJB6	0.00468488	0.239689	0.700039	-1.42849	0.268428	0.716136	-1.39638	0.00031563	0.184408	-5.42276	0.935749	0.976917	-1.02363	0.00063031	0.218313	-4.58058
cg15611417	GJB6;GJB6;GJB6;GJB6	0.00975976	0.532362	0.730426	-1.36906	0.0850067	0.388318	-2.57521	0.426053	0.667849	-1.49735	0.843746	0.906634	-1.10298	0.0423067	0.312969	-3.19521
cg01446515	GJB6;GJB6;GJB6;GJB6	0.0378358	0.0187624	6.78622	6.78622	0.0199447	6.61204	6.61204	0.139995	2.90876	2.90876	0.363885	1.87279	1.87279	0.104887	3.29252	3.29252
cg18363035	GJB6;GJB6;GJB6;GJB6	0.0416778	0.0804426	2.15334	2.15334	0.0063959	4.06923	4.06923	0.0349193	2.64416	2.64416	0.65006	1.19802	1.19802	0.811234	1.09927	1.09927
cg01700504	GJB6;GJB6;GJB6;GJB6	0.0477383	0.103086	2.02857	2.02857	0.00634845	4.09338	4.09338	0.0329574	2.68953	2.68953	0.648574	1.19963	1.19963	0.388238	1.42018	1.42018
cg06811801	GJB7	0.0105308	0.0116493	0.357167	-2.79981	0.0517709	0.485398	-2.06017	0.000576203	0.175593	-5.69499	0.0045034	0.290432	-3.44315	0.51574	0.806384	-1.2401
cg11850638	GJB7;C6orf162;C6orf162	0.0030728	0.00357255	1.91729	1.91729	0.351092	1.17148	1.17148	0.000541232	2.428	2.428	0.631625	0.923427	-1.08292	0.15594	1.28447	1.28447
cg04865929	GJC1;GJC1	7.62E-05	0.000139824	0.234939	-4.25643	0.0640423	0.632332	-1.58145	0.00076465	0.325399	-3.07315	0.329031	0.801037	-1.24838	0.0922899	0.664947	-1.50388
cg13097433	GJC1;GJC1	0.00819508	0.890076	0.975273	-1.02535	0.428949	0.86398	-1.15743	0.4359	0.865952	-1.1548	0.156191	0.759827	-1.31609	0.108341	1.37323	1.37323
cg24684576	GJC1;GJC1	0.018434	0.0414407	1.63277	1.63277	0.0554911	0.636048	-1.57221	0.028659	0.583817	-1.71286	0.0321401	0.592592	-1.6875	0.0552925	1.57294	1.57294
cg24759994	GJC1;GJC1	0.0328943	0.899562	1.0389	1.0389	0.454466	0.794338	-1.25891	0.00543791	0.331119	-3.02006	0.0462589	0.501566	-1.99376	0.0919019	0.570789	-1.75196
cg12767937	GJC1;GJC1	0.0388294	0.00185625	0.46677	-2.14238	0.778784	0.952586	-1.04977	0.863455	0.970746	-1.03014	0.745993	1.05766	1.05766	0.413739	0.86578	-1.15503
cg08521967	GJC2	4.86E-05	0.000125512	0.266689	-3.74968	0.0031888	0.450815	-2.2182	0.306375	0.810973	-1.23309	0.278788	0.800276	-1.24957	1.23E-06	0.0842332	-11.8718
cg16292193	GJC2	0.000136697	0.000789782	0.153188	-6.52793	2.27E-05	0.0433236	-23.0821	0.0135375	0.322926	-3.09669	0.46578	1.31593	1.31593	1.67E-05	0.0379264	-26.3668
cg03650119	GJC2	0.000895836	0.876799	1.07927	1.07927	0.0733026	2.66995	2.66995	0.00465202	6.36552	6.36552	0.00102318	10.9568	10.9568	0.0520922	0.337378	-2.96403

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01895124	0.0892588	0.64953	-1.53957	0.00322939	0.396446	-2.52241	4.05E-05	0.164588	-6.07579	0.0518598	0.600821	-1.66439	17.2551	14.4913	0.746512	1
cg08480398	0.0968243	0.801361	-1.24788	0.000102836	0.433841	-2.30499	0.000439056	1.96347	1.96347	0.0503238	1.31135	1.31135	16.2545	3.79984	0.207797	1
cg17705066	0.00134533	0.0406929	-24.5743	6.74E-05	0.00663143	-150.797	0.011365	0.113253	-8.82977	0.00681057	0.0898375	-11.1312	13.1953	98.7331	6.65106	1
cg00942551	0.208275	0.571207	-1.75068	0.00127613	0.137625	-7.26612	0.00195746	0.157538	-6.34768	0.00138764	0.141372	-7.07354	10.401	29.3523	2.5085	1
cg14202338	0.00227318	0.260846	-3.83368	0.000247554	0.148851	-6.71811	0.00929504	0.353876	-2.82584	0.0031435	0.280615	-3.5636	9.62155	15.1001	1.39503	1
cg26709695	0.283202	1.15674	1.15674	0.151166	1.22247	1.22247	0.436186	0.901465	-1.10931	0.142059	0.813733	-1.2289	7.98865	2.15756	0.240069	1
cg04257362	0.160477	0.248791	-4.01945	0.290599	2.75394	2.75394	0.0913071	5.66233	5.66233	0.928863	0.92126	-1.08547	4.4998	58.85	10.1721	1
cg05333844	0.739677	0.938196	-1.06588	1.85E-06	0.103484	-9.66329	0.0114017	1.83282	1.83282	0.288573	0.809958	-1.23463	38.8119	22.4984	0.51527	1
cg08033165	0.0673905	0.722283	-1.3845	9.45E-07	0.128132	-7.80443	0.129631	0.771122	-1.29681	0.00862637	0.58765	-1.70169	35.4823	14.1601	0.354734	1
cg10594495	0.0335616	0.887139	-1.12722	0.781175	0.986658	-1.01352	0.000444863	1.30647	1.30647	1.17E-06	1.83558	1.83558	28.3492	1.04453	0.0327513	1
cg08264859	0.00223402	0.389309	-2.56866	1.59E-05	0.140512	-7.11684	0.932642	0.981546	-1.0188	0.0702806	0.640298	-1.56177	21.4811	16.5166	0.683456	1
cg20901882	7.21E-06	5.12686	5.12686	0.0165912	0.617091	-1.62051	0.00181654	2.07804	2.07804	0.219709	1.2373	1.2373	21.2454	9.1595	0.383226	1
cg18735402	0.152176	0.549014	-1.82145	2.97E-05	0.0408886	-24.4567	0.00106844	6.6195	6.6195	0.0150555	3.21562	3.21562	19.0597	46.1308	2.15141	1
cg20434926	0.88488	0.943065	-1.06037	0.333502	0.667894	-1.49724	0.0276945	2.86667	2.86667	0.000227999	11.9211	11.9211	13.8233	35.8441	2.30491	1
cg04689379	0.00301002	0.487667	-2.05058	0.00012637	3.24856	3.24856	0.00377592	1.9937	1.9937	0.116002	1.35201	1.35201	13.0603	6.44713	0.438796	1
cg14661225	0.00778646	0.812693	-1.23048	0.000111521	0.662042	-1.51048	0.771127	0.98245	-1.01786	0.465158	0.955882	-1.04615	12.9059	0.753146	0.0518725	1
cg23047952	0.324798	0.810461	-1.23387	0.563629	1.12824	1.12824	0.953912	0.988126	-1.01202	0.0118348	1.91463	1.91463	12.5446	8.48679	0.601359	1
cg09997082	0.135785	0.600423	-1.66549	4.74E-05	0.0878235	-11.3865	0.187544	0.641972	-1.5577	0.319093	0.721272	-1.38644	11.6677	18.6075	1.41759	1
cg13320842	0.0229604	0.328317	-3.04584	0.000123694	0.0645199	-15.4991	0.0824511	0.454946	-2.19807	0.0781728	0.448779	-2.22827	8.50927	22.5911	2.3599	1
cg17351154	0.098043	0.816295	-1.22505	0.230781	1.15097	1.15097	0.94365	0.992125	-1.00794	0.0182196	1.37795	1.37795	8.33088	1.65054	0.176109	1
cg19822309	0.666765	0.832816	-1.20075	0.044241	0.376826	-2.65374	0.465535	0.730784	-1.36839	0.0769736	2.29449	2.29449	4.78933	13.5278	2.51072	1
cg22965634	0.0163912	0.63551	-1.57354	0.0357397	0.685491	-1.45881	0.532279	0.906873	-1.10269	0.776477	1.04497	1.04497	4.03497	1.52601	0.336174	1
cg16082401	0.904666	1.06311	1.06311	0.124916	0.428065	-2.33609	0.0180762	4.33498	4.33498	0.0632598	2.90671	2.90671	3.40051	14.0522	3.67323	1
cg09914060	0.585902	1.06064	1.06064	0.000230086	1.92441	1.92441	0.133188	1.18931	1.18931	0.265078	0.883113	-1.13236	18.1823	3.29825	0.161243	1
cg17143972	0.176577	1.3397	1.3397	0.465089	1.1634	1.1634	0.697461	1.08277	1.08277	0.555499	0.88569	-1.12906	5.67025	3.72156	0.583405	1
cg06013127	0.426293	0.820781	-1.21835	0.0142284	2.08593	2.08593	0.313857	0.776279	-1.2882	0.891314	1.0338	1.0338	4.84634	4.53694	0.832141	1
cg02392688	?	?	?	0.0114953	4.35352	4.35352	0.212818	1.51823	1.51823	?	?	?	10.8572	5.0672	0.350034	1
cg11843090	0.506589	1.10025	1.10025	7.69E-08	0.0792865	-12.6125	0.00177813	0.532195	-1.87901	0.0336951	1.42141	1.42141	52.4616	16.7003	0.282963	1
cg06549955	0.0208134	1.17897	1.17897	0.120045	0.90502	-1.10495	0.218577	1.07958	1.07958	0.215652	1.08017	1.08017	16.0099	0.887905	0.0492976	1
cg18690019	0.452918	0.857393	-1.16633	0.790583	0.947853	-1.05502	0.0215997	0.573997	-1.74217	0.0292568	0.596408	-1.67671	5.26613	3.37705	0.570025	1
cg04684246	0.246069	1.18717	1.18717	0.000810463	0.489455	-2.04309	0.176603	0.816145	-1.22527	0.763089	0.958145	-1.04368	4.42615	1.40221	0.281601	1
cg11964345	0.0111719	0.597559	-1.67348	0.0200607	0.634923	-1.57499	0.094364	0.742486	-1.34683	0.753046	0.950178	-1.05243	4.74569	1.97053	0.36909	1
cg15415545	0.00624727	2.32022	2.32022	0.546147	0.865668	-1.15518	0.741434	1.08134	1.08134	0.45534	0.835621	-1.19671	7.8815	6.96242	0.785233	1
cg07049552	0.288798	1.52016	1.52016	0.070376	0.46336	-2.15815	0.626378	1.20515	1.20515	0.0764789	0.472596	-2.11597	3.75715	8.60797	2.03653	1
cg23176309	0.440805	0.95345	-1.04882	2.06E-05	1.68425	1.68425	0.960267	1.00303	1.00303	0.254328	0.930365	-1.07485	52.7883	3.07431	0.0517675	1
cg17160382	0.17535	0.694062	-1.44079	0.260636	0.742818	-1.34622	2.28E-06	18.6065	18.6065	0.530053	1.17491	1.17491	19.3952	19.7244	0.903975	1
cg10992014	0.85387	1.04543	1.04543	0.0455024	0.575418	-1.73787	0.000106687	5.19426	5.19426	0.808843	1.06014	1.06014	14.1674	13.0276	0.817378	1
cg10446179	0.893655	1.03244	1.03244	0.134011	0.679949	-1.4707	0.00131299	3.05347	3.05347	0.0644585	1.64186	1.64186	7.26847	6.55888	0.80211	1
cg24375465	0.502139	0.853217	-1.17204	0.00393131	0.404829	-2.47018	0.300812	1.28385	1.28385	0.161604	0.705852	-1.41673	4.8248	4.15031	0.764625	1
cg11590170	0.860667	1.03105	1.03105	0.160751	1.29788	1.29788	0.929731	1.01547	1.01547	0.596092	1.09756	1.09756	4.06965	1.95209	0.426374	1
cg04652961	0.307584	0.736897	-1.35704	0.146735	0.637481	-1.56868	0.575259	0.84904	-1.1778	0.0370634	2.01347	2.01347	3.53819	4.68261	1.1764	1
cg26332253	0.514419	0.893393	-1.11933	0.59171	0.911816	-1.09671	0.8185	1.03997	1.03997	0.772517	1.05066	1.05066	3.49146	1.6076	0.409279	1
cg23109018	0.000355078	0.546133	-1.83106	3.86E-08	0.127592	-7.83746	5.60E-05	0.45386	-2.20333	3.50E-05	0.430213	-2.32443	61.3789	10.8163	0.156641	1
cg25217765	0.945734	0.981075	-1.01929	1.98E-06	0.0368941	-27.1046	0.641494	1.14068	1.14068	0.224572	0.699017	-1.43058	18.5481	23.1453	1.1092	1
cg08947964	0.142638	0.609148	-1.64164	0.00105693	0.217952	-4.58817	0.127236	0.59523	-1.68002	0.00873988	0.349663	-2.8599	6.38512	10.0064	1.39302	1
cg08173660	0.0944034	0.826017	-1.21063	0.225721	0.876116	-1.1414	0.241084	0.880227	-1.13607	0.296858	0.893653	-1.119	4.76906	0.816272	0.152142	1
cg03320844	0.0474991	1.44909	1.44909	0.649682	0.927907	-1.07769	0.69764	1.06597	1.06597	0.014216	0.609621	-1.64036	7.00021	2.9685	0.37694	1
cg21543150	0.396372	0.906371	-1.1033	0.00291047	0.629321	-1.58902	0.0228279	1.36114	1.36114	6.66E-05	2.28723	2.28723	20.6193	4.18391	0.180366	1
cg07039404	7.48E-06	0.175868	-5.68607	0.000327114	0.359281	-2.78334	0.0151991	0.591104	-1.69175	0.801257	1.04548	1.04548	15.0973	7.43396	0.437692	1
cg12428416	0.000116104	0.177749	-5.62591	0.000685171	0.265495	-3.76655	0.461143	1.21149	1.21149	0.192738	0.702926	-1.42263	8.99886	9.31906	0.920517	1
cg15344726	0.154015	0.609297	-1.64124	0.059085	1.99762	1.99762	0.37287	1.34582	1.34582	0.555597	1.21354	1.21354	7.61402	12.7102	1.48384	1
cg17049889	0.815295	0.910329	-1.0985	0.321233	0.662687	-1.50901	0.0255533	2.90143	2.90143	0.737075	1.14486	1.14486	7.49528	17.0087	2.26926	1
cg01767631	0.0179428	0.270136	-3.70183	0.0333537	3.10069	3.10069	0.00881797	4.56074	4.56074	0.038032	2.98754	2.98754	6.20536	20.3526	2.91542	1
cg04355697	0.0272001	0.223503	-4.47421	0.00153289	0.0732775	-13.6468	0.0551507	0.287593	-3.47714	0.0488375	0.275414	-3.6309	5.38903	28.0412	4.62524	1
cg26133081	0.0125343	0.169307	-5.90645	0.00103579	0.0621171	-16.0986	0.786034	0.85589	-1.16837	0.0600791	0.297311	-3.36348	5.00433	25.9219	4.60435	1
cg12891195	0.0235493	0.166128	-6.01947	0.260006	0.458477	-2.18113	0.0154357	7.18897	7.18897	0.0449095	4.6077	4.6077	3.59359	25.0729	6.2019	1
cg07070934	0.973977	0.991571	-1.0085	0.955973	0.985775	-1.01443	0.155715	0.674236	-1.48316	0.41774	1.23974	1.23974	10.347	11.0359	0.948069	1
cg12447066	0.297322	0.849241	-1.17752	0.752956	1.04891	1.04891	0.119308	0.774404	-1.29131	0.730776	0.9491	-1.05363	6.61829	2.39768	0.322028	1
cg00416130	0.992679	0.998789	-1.00121	0.207822	0.839092	-1.19176	0.456301	1.10541	1.10541	0.277994	0.861555	-1.16069	4.79841	1.32604	0.245645	1
cg02103822	0.462483	1.08682	1.08682	0.0101993	1.43413	1.43413	1.30E-06	0.250925	-3.98525	0.539834	0.933246	-1.07153	39.7935	7.80846	0.174422	1
cg17941330	0.0102519	0.68031	-1.46992	4.75E-05	0.401645	-2.48976	0.544854	0.929647	-1.07568	0.0510576	0.767577	-1.3028	15.9594	3.58179	0.199494	1
cg11423701	0.0439688	1.86181	1.86181	0.0203972	2.11794	2.11794	0.500609	1.20149	1.20149	0.402004	0.794297	-1.25897	6.50806	7.43088	1.01493	1
cg08307963	0.280062	0.811002	-1.23304	0.000685787	0.38007	-2.63109	0.606253	1.10186	1.10186	0.386931	0.84751	-1.17993	5.71818	3.15198	0.489975	1
cg26191449	0.0653499	0.788978	-1.26746	0.00161207	0.595656	-1.67882	0.574782	1.0671	1.0671	0.579975	1.06614	1.06614	5.07993	1.05615	0.184805	1
cg27546670	0.183387	0.511057	-1.95673	0.000590293	0.0801402	-12.4781	0.950732	1.02982	1.02982	0.139394	0.469332	-2.13069	4.94453	17.7098	3.18374	1
cg26558992	0.345485	1.23773	1.23773	0.000236173	0.262491	-3.80965	0.0395483	0.59298	-1.6864	0.0521163	0.615713	-1.62413	10.3315	7.88452	0.678361	1
cg06796381	0.121041	1.33452	1.33452	0.0172027	0.607581	-1.64587	0.0104105	0.574805	-1.73972	0.317291	0.837408	-1.19416	10.0697	4.69885	0.414783	1
cg08894131	0.0238471	0.46558	-2.14786	0.0929725	0.592156	-1.68874	0.00863454	0.387013	-2.58389	0.141048	0.638392	-1.56643	7.53775	9.59518	1.13151	1
cg00421368	0.212515	0.752606	-1.32872	0.221225	0.757045	-1.32093	0.477184	0.855181	-1.16934	0.0719705	0.647424	-1.54458	6.1769	4.58336	0.659569	1
cg12740910	0.0489322	0.409416	-2.44251	0.00423997	0.218645	-4.57362	0.00877462	0.265618	-3.7648	0.431434	0.726938	-1.37563	5.02916	12.5644	2.22072	1
cg21267551	0.0736903	0.675583	-1.4802	0.0662343	1.49969	1.49969	0.0611778	0.660356	-1.51433	0.134161	0.727803	-1.374	4.48941	2.75092	0.544674	1
cg11787626	0.466321	0.837561	-1.19394	0.103167	0.652948	-1.53151	0.0234954	0.52361	-1.90982	0.445443	0.830284	-1.20441	3.88261	3.51584	0.804921	1
cg07975634	0.705639	1.09176	1.09176	0.324224	0.790141	-1.2656	0.132062	0.686564	-1.45653	0.978522	0.993791	-1.00625	5.08052	4.30696	0.753546	1
cg16574962	0.00121701	0.417177	-2.39706	0.0042639	0.49356	-2.0261	0.310287	1.21393	1.21393	0.0607649	0.676821	-1.47749	18.5396	10.0119	0.480024	1
cg25372115	0.0744782	0.698853	-1.43091	0.571172	1.10871	1.10871	0.00529633	0.515448	-1.94006	0.287568	1.2203	1.2203	13.4461	6.92373	0.457712	1
cg00923259	0.0821377	0.710552	-1.40736	0.762534	0.947654	-1.05524	0.0343964	0.64546	-1.54928	0.0225713	0.615972	-1.62345	9.15463	4.56403	0.443154	1
cg05161602	0.00385626	0.237601	-4.20874	0.251832	0.642837	-1.5556	0.563069	1.24086	1.24086	0.0288707	0.386314	-2.58857	5.95342	12.8461	1.91801	1
cg16023912	0.246825	0.546207	-1.83081	0.468014	1.44594	1.44594	0.614865	0.776195	-1.28834	0.328225	0.604128	-1.65528	3.41651	13.4946	3.51094	1
cg08867767	0.0416092	0.778449	-1.2846	0.00260895	1.55977	1.55977	0.988528	1.00153	1.00153	0.0651826	0.801941	-1.24697	7.52049	1.35384	0.160018	1
cg15626629	0.0299327	0.131688	-7.59371	0.208953	0.349501	-2.86123	0.132606	0.27581	-3.62568	0.752059	0.777584	-1.28603	4.26004	42.5056	8.86909	1
cg27633912	0.10482	0.567716	-1.76144	0.924483	0.970174	-1.03074	0.560574	0.828654	-1.20678	0.206158	1.53096	1.53096	3.93103	6.35066	1.43602	1
cg11381282	0.000671775	0.368611	-2.71289	0.00454452	0.484235	-2.06511	0.948371	0.987654	-1.0125	0.000301775	0.323924	-3.08714	40.983	23.8891	0.518136	1
cg09219142	0.00709454	1.27253	1.27253	0.00136443	0.724713	-1.37986	0.00978981	0.797496	-1.25392	0.53643	1.04433	1.04433	7.95227	0.604542	0.0675745	1
cg03689120	0.28499	0.823792	-1.2139	0.566552	0.903826	-1.10641	0.000354847	2.721	2.721	0.734001	0.942206	-1.06134	6.93671	3.34686	0.428876	1
cg17967059	0.000247183	0.183284	-5.45603	0.0187023	0.449818	-2.22312	0.165774	1.5134	1.5134	0.799945	0.931287	-1.07378	6.47352	8.05754	1.10639	1
cg09195389	0.00498449	7.72174	7.72174	0.149989	2.33669	2.33669	0.00715288	6.75363	6.75363	0.264435	1.89589	1.89589	5.30035	25.3894	4.2579	1
cg12869351	0.0734808	0.613128	-1.63098	0.0809075	0.622498	-1.60643	0.55327	0.865207	-1.15579	0.582591	0.874618	-1.14336	5.56727	5.01302	0.700345	1
cg05850327	0.882743	0.908284	-1.10098	0.00116517	0.0447029	-22.3699	0.0765722	3.61094	3.61094	0.133267	0.347964	-2.87386	4.79115	32.2378	5.98099	1
cg19037327	0.442987	1.19415	1.19415	0.00279501	0.392724	-2.54632	0.079188	0.642697	-1.55594	0.508728	1.16424	1.16424	4.38838	3.5763	0.724398	1
cg24425972	0.0186162	0.262287	-3.81262	0.00301097	0.148354	-6.74063	0.0424736	0.334181	-2.99239	0.105105	0.435708	-2.29511	4.07611	14.2081	3.09841	1
cg10939579	0.0157913	2.91331	2.91331	0.0341206	2.44487	2.44487	0.0937802	1.94702	1.94702	0.066764	0.475614	-2.10255	3.57438	7.40071	1.84043	1
cg11054936	0.129614	1.86938	1.86938	0.0312735	2.62588	2.62588	0.0438298	2.42343	2.42343	0.793333	1.10552	1.10552	3.42054	7.9079	2.05501	1
cg09790502	0.357876	1.22299	1.22299	0.00339973	0.428393	-2.3343	6.06E-07	18.5346	18.5346	0.58691	1.12389	1.12389	26.4841	19.0127	0.638127	1
cg09640682	0.00259553	1.54702	1.54702	0.0820407	0.817547	-1.22317	1.64E-06	3.52364	3.52364	0.00446643	1.48656	1.48656	24.1563	4.18218	0.153893	1
cg01939825	0.0263715	1.81973	1.81973	0.0131562	0.497112	-2.01162	0.0161868	0.512345	-1.95181	0.540814	0.8687	-1.15115	6.35466	5.20183	0.727631	1
cg21151355	0.000869865	1.85809	1.85809	0.0081006	0.656722	-1.52272	0.45373	0.90969	-1.09928	0.00105015	1.82442	1.82442	22.3466	5.44355	0.21653	1
cg23532980	0.339965	0.797589	-1.25378	0.000162372	0.227602	-4.39363	0.399406	0.820051	-1.21944	0.00369769	0.405705	-2.46485	20.0343	16.7803	0.744515	1
cg18262616	0.665855	0.742461	-1.34687	0.825241	1.16366	1.16366	0.0064271	11.3533	11.3533	0.00524566	12.4731	12.4731	6.09355	45.336	6.61334	1
cg00259249	0.0309023	1.77534	1.77534	0.115959	0.679115	-1.47251	0.331392	1.25481	1.25481	0.0151039	1.9665	1.9665	5.0185	4.07725	0.722173	1
cg09178385	0.00357569	4.06896	4.06896	0.483412	1.28826	1.28826	0.216255	1.58846	1.58846	0.0281577	2.51408	2.51408	3.99046	7.99264	1.78039	1
cg08650784	0.18664	0.472677	-2.11561	0.0035097	0.120109	-8.32577	0.0365835	0.272456	-3.67031	0.0753181	0.346473	-2.88623	3.54101	16.0687	4.03368	1
cg13429414	0.0509779	1.30394	1.30394	0.00436679	0.634734	-1.57546	0.0369498	1.33544	1.33544	0.235513	1.16	1.16	6.55639	1.47993	0.200642	1
cg13263483	0.0353348	1.43597	1.43597	0.349677	1.15273	1.15273	0.00345512	1.79713	1.79713	0.00382211	1.77851	1.77851	5.77914	1.99519	0.30688	1
cg18965684	0.0198616	0.795334	-1.25733	0.689023	0.967769	-1.0333	0.0031873	0.720381	-1.38816	0.79304	0.978813	-1.02165	27.0467	2.84121	0.0933763	1
cg15554401	0.131809	0.763639	-1.30952	0.000732713	0.427076	-2.34151	0.980286	1.0041	1.0041	0.973258	0.994458	-1.00557	9.76829	4.25161	0.386886	1
cg06088858	0.104079	1.26979	1.26979	0.000178169	0.359774	-2.77952	0.505179	0.915388	-1.09243	0.185205	0.829696	-1.20526	15.7077	2.67198	0.170107	1
cg13963693	0.248948	1.17193	1.17193	0.0311505	1.39514	1.39514	0.405937	0.894101	-1.11844	0.461684	0.906058	-1.10368	9.27464	2.54599	0.244009	1
cg03932453	0.0134268	0.457968	-2.18356	0.0250382	0.506566	-1.97408	0.468307	0.82841	-1.20713	0.058573	0.579778	-1.7248	7.5884	7.8216	0.916206	1
cg16347629	0.000571665	0.252345	-3.96282	0.0538462	1.75966	1.75966	0.813276	0.940744	-1.06299	0.0133092	0.453052	-2.20725	6.54202	6.90518	0.938233	1
cg01828548	0.134139	0.575469	-1.73771	0.0696361	0.499531	-2.00188	0.034218	0.429489	-2.32835	0.0236603	0.3969	-2.51952	6.05551	11.2217	1.64723	1
cg01385862	0.296296	0.759973	-1.31584	0.368583	1.26373	1.26373	0.491227	1.19388	1.19388	0.403174	0.805069	-1.24213	4.61549	4.69584	0.904364	1
cg17970328	0.244532	0.765604	-1.30616	0.000769033	0.327111	-3.05707	0.306509	0.792737	-1.26145	0.84493	1.0439	1.0439	4.07994	3.11016	0.677604	1
cg17102325	0.0492746	1.32455	1.32455	0.0102197	1.50013	1.50013	0.479105	0.913824	-1.0943	0.474903	0.913009	-1.09528	18.2061	4.52328	0.220844	1
cg21206180	0.000194145	0.362979	-2.75498	0.798451	0.959492	-1.04222	0.469152	0.887796	-1.12638	0.459196	0.885333	-1.12952	11.121	4.59974	0.367651	1
cg01440350	0.0339776	1.3452	1.3452	0.0898845	1.25104	1.25104	0.512338	0.923474	-1.08287	0.315944	1.13227	1.13227	4.89619	1.11305	0.202071	1
cg13170235	0.478802	0.814824	-1.22726	0.400319	1.27744	1.27744	0.431925	1.25624	1.25624	0.170351	0.660143	-1.51482	4.69443	6.01414	1.13878	1
cg01603395	0.844453	1.02803	1.02803	0.0306191	1.42966	1.42966	0.0379358	0.712728	-1.40306	0.040673	0.717085	-1.39453	4.30922	1.35147	0.278775	1
cg07823670	0.167899	0.456006	-2.19296	0.801384	0.874002	-1.14416	0.235631	0.514757	-1.94266	0.0145975	0.200502	-4.98749	4.13897	18.7127	4.01875	1
cg12405421	0.632287	0.95136	-1.05113	0.039549	1.27919	1.27919	0.0204573	0.749102	-1.33493	0.66075	1.04674	1.04674	3.39014	0.574356	0.150595	1
cg06536967	0.615758	0.825445	-1.21147	0.499359	1.29687	1.29687	0.269137	0.646432	-1.54695	0.161097	0.566979	-1.76373	4.17292	9.49829	2.02326	1
cg25700432	4.16E-05	0.340051	-2.94074	8.56E-06	0.262378	-3.81129	0.48271	1.10362	1.10362	0.000507154	0.471995	-2.11867	53.8675	16.2933	0.268863	1
cg06952681	3.39E-05	0.24147	-4.14129	5.45E-05	0.26434	-3.78301	0.215404	0.793947	-1.25953	0.00227135	0.469769	-2.12871	22.1948	11.0069	0.440822	1
cg03568673	0.000161776	0.194547	-5.14015	0.00300124	0.355381	-2.81388	0.936688	1.0204	1.0204	0.0729797	0.601462	-1.66262	8.8211	9.02841	0.909779	1
cg26764846	0.00316967	0.201029	-4.9744	0.000172355	0.0789062	-12.6733	0.209413	0.590652	-1.69304	0.00728305	0.252209	-3.96496	8.80577	22.0904	2.22989	1
cg03335886	0.178222	0.660775	-1.51337	0.291226	0.728159	-1.37333	0.340329	1.32928	1.32928	0.0524904	0.528	-1.89394	7.48561	9.9469	1.18116	1
cg15611417	0.00156553	0.104681	-9.55282	0.00751317	0.181079	-5.52247	0.00128778	0.0972857	-10.279	0.065142	0.357555	-2.79678	5.95673	23.2736	3.47299	1
cg01446515	0.0481627	4.56549	4.56549	0.00611005	11.0937	11.0937	0.0236912	6.14694	6.14694	0.0617609	4.11504	4.11504	3.75909	26.9187	6.36531	1
cg18363035	0.31076	0.660434	-1.51416	0.71662	0.865718	-1.15511	0.0180893	3.11317	3.11317	0.0938397	2.07258	2.07258	3.62766	8.98997	2.20282	1
cg01700504	0.306373	0.656996	-1.52208	0.491753	1.31916	1.31916	0.0217772	2.98112	2.98112	0.0623102	2.29871	2.29871	3.44808	8.59292	2.21519	1
cg06811801	0.0571688	0.495261	-2.01914	0.321603	0.715786	-1.39707	0.361122	0.73598	-1.35873	0.0390089	0.45832	-2.18188	5.81346	9.81767	1.50114	1
cg11850638	0.0129356	0.601211	-1.66331	0.0180921	0.62285	-1.60552	0.281145	1.2029	1.2029	0.987956	0.997514	-1.00249	8.49741	3.66026	0.382889	1
cg04865929	0.525213	0.867811	-1.15232	1.95E-06	0.0747677	-13.3748	0.249884	0.767349	-1.30319	0.000279492	0.270133	-3.70188	23.8072	18.2864	0.682756	1
cg13097433	0.138147	1.33517	1.33517	0.000281241	2.93031	2.93031	0.624152	1.09353	1.09353	0.0651226	0.68732	-1.45493	6.29619	3.26913	0.461532	1
cg24684576	0.0382348	1.6499	1.6499	0.102636	1.45111	1.45111	0.835964	1.04417	1.04417	0.767017	1.0639	1.0639	4.83618	3.32917	0.6119	1
cg24759994	0.207309	0.66908	-1.49459	0.00676629	0.346184	-2.88864	0.104073	0.584475	-1.71094	0.310432	1.37323	1.37323	3.95461	5.71975	1.28564	1
cg12767937	0.940955	0.987304	-1.01286	0.00985799	0.56974	-1.75519	0.490093	0.8861	-1.12854	0.0722006	0.707434	-1.41356	3.72357	1.75459	0.418856	1
cg08521967	0.0262829	0.593668	-1.68444	8.36E-05	0.246433	-4.0579	0.00227621	0.429806	-2.32663	0.0142731	0.549962	-1.81831	26.8274	16.632	0.551076	1
cg16292193	0.0153714	0.332797	-3.00484	0.00113724	0.17026	-5.87336	0.00400802	0.239254	-4.17966	0.074327	0.479275	-2.08648	20.3598	44.1141	1.92598	1
cg03650119	0.0117247	4.70367	4.70367	0.502252	1.39773	1.39773	0.000143189	25.1068	25.1068	0.0010043	11.0353	11.0353	12.1386	46.4869	3.40415	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17680089	GJC2	0.00150655	0.292352	0.710822	-1.40682	0.194495	1.53545	1.53545	0.0144944	2.56287	2.56287	0.00220768	3.82072	3.82072	0.0535904	0.504153	-1.98352	0.331558	1.36753	1.36753	0.229779	0.674555	-1.48246	0.00191331	3.94776	3.94776	0.000268898	6.47278	6.47278	10.4664	16.182	1.3743	1
cg09257635	GJC2	0.00263979	0.596565	0.740092	-1.35118	0.22579	2.04757	2.04757	0.0193478	4.92083	4.92083	0.0744258	3.06433	3.06433	0.0602734	0.303057	-3.29971	0.567385	1.38498	1.38498	0.225682	0.488294	-2.04794	0.000269356	28.9868	28.9868	0.0013761	13.6631	13.6631	8.88838	44.6839	4.46864	1
cg12461930	GJC2	0.0210109	0.0625377	0.255644	-3.9117	0.00958628	0.118331	-8.45089	0.0608652	0.252854	-3.95485	0.426293	0.58942	-1.69658	0.00376393	0.0784981	-12.7392	0.507851	0.645865	-1.54831	0.00394393	0.080176	-12.4726	0.235183	0.445019	-2.2471	0.0390753	0.211385	-4.7307	4.62621	31.0261	5.96141	1
cg23733384	GJC2	0.0211657	0.551691	0.81672	-1.22441	0.877784	1.0531	1.0531	0.0467829	2.14969	2.14969	0.0324146	2.32107	2.32107	0.284333	0.688027	-1.45343	0.924464	1.0324	1.0324	0.276195	0.683305	-1.46347	0.00272541	4.02019	4.02019	0.0176707	2.63853	2.63853	4.61462	8.26117	1.5913	1
cg10950111	GJC2	0.021966	0.0246206	3.43567	3.43567	0.0279767	3.31115	3.31115	0.197427	1.87441	1.87441	0.122445	2.16379	2.16379	0.138411	2.08676	2.08676	0.076566	2.48034	2.48034	0.00457544	5.70279	5.70279	0.00486318	5.5939	5.5939	0.0128433	4.15719	4.15719	4.55636	15.3449	2.99361	1
cg07103618	GJC2	0.0307183	0.0187519	3.12107	3.12107	0.00604723	4.19088	4.19088	0.168147	1.79848	1.79848	0.0981891	2.06445	2.06445	0.278078	1.56946	1.56946	0.114393	1.9862	1.9862	0.118333	1.96917	1.96917	0.00684064	4.0546	4.0546	0.014785	3.31563	3.31563	4.05259	10.25	2.24823	1
cg22681074	GJC2	0.0433536	0.0273033	0.238725	-4.18891	0.0080279	0.155218	-6.44256	0.0444386	0.281945	-3.54679	0.711297	1.22618	1.22618	0.013799	0.18836	-5.309	0.164443	0.443267	-2.25598	0.245656	0.513761	-1.94643	0.0643833	0.31991	-3.12588	0.098379	0.370019	-2.70257	3.57494	17.0327	4.23508	1
cg22844623	GJC2;GUK1;GUK1;GUK1	0.0238686	0.44804	1.10566	1.10566	0.254432	1.16717	1.16717	0.512255	1.09018	1.09018	0.252211	1.16809	1.16809	0.219729	0.845659	-1.18251	0.00464439	1.63085	1.63085	0.00462411	1.63148	1.63148	0.0126285	1.496	1.496	0.868663	1.02173	1.02173	4.4278	1.18337	0.237564	1
cg02108198	GJC3	0.000168196	2.84E-05	0.162788	-6.14294	0.471998	1.17511	1.17511	0.0398393	0.592091	-1.68893	0.000798513	0.327318	-3.05513	0.000183582	0.247955	-4.03299	0.90485	0.973969	-1.02673	0.000188105	0.249184	-4.01311	0.0011053	0.346251	-2.88808	0.00170501	0.372261	-2.68629	19.2528	14.8341	0.684878	1
cg19728601	GJC3	0.000272358	0.00529123	0.590181	-1.6944	3.28E-05	3.18159	3.18159	0.00043335	2.22161	2.22161	0.0282877	1.44985	1.44985	0.874474	1.02294	1.02294	0.571218	1.08555	1.08555	0.00312722	0.560114	-1.78535	0.836528	0.970797	-1.03008	0.958744	0.992607	-1.00745	16.8906	5.50473	0.289692	1
cg04348709	GJC3	0.000465684	0.00046832	0.342235	-2.92197	0.00186141	0.422794	-2.36522	0.00060359	0.356543	-2.80471	0.427414	0.853858	-1.17116	0.000122324	0.270541	-3.6963	0.330481	0.822181	-1.21628	0.0159095	0.562309	-1.77838	0.000650592	0.360815	-2.7715	0.000678405	0.363209	-2.75324	14.5749	8.77576	0.535213	1
cg17152989	GJC3	0.00158327	0.452632	0.897068	-1.11474	0.63222	0.933834	-1.07085	0.00186579	0.534425	-1.87117	0.22568	0.834742	-1.19797	4.44E-05	0.33342	-2.99922	0.0113506	0.637628	-1.56831	0.00325457	0.565735	-1.76761	0.0755832	0.755171	-1.3242	0.288184	0.855095	-1.16946	10.3177	3.29349	0.283741	1
cg10386483	GJD2	1.53E-06	0.00039143	1.8245	1.8245	0.0964967	0.823513	-1.21431	0.112385	1.20192	1.20192	0.199317	1.15523	1.15523	1.64E-08	0.0986711	-10.1347	0.0738642	0.808963	-1.23615	0.190159	0.862741	-1.1591	0.996577	0.999544	-1.00046	0.68731	0.957858	-1.044	65.7818	11.7963	0.1594	1
cg08095196	GJD2	0.0428573	0.719338	1.10174	1.10174	0.812031	1.06606	1.06606	0.0314175	1.96943	1.96943	0.758984	0.920686	-1.08615	0.273416	0.736344	-1.35806	0.0256178	0.490661	-2.03807	0.500435	1.2016	1.2016	0.00748846	0.39676	-2.52042	0.477349	1.2141	1.2141	3.59029	4.09996	1.01508	1
cg26028628	GJD3	0.000481619	0.00108483	0.300153	-3.33163	0.0533531	0.578307	-1.72919	0.167435	1.44367	1.44367	0.0564595	1.71409	1.71409	2.31E-05	0.120972	-8.2664	0.198762	1.40334	1.40334	0.157883	1.45757	1.45757	0.568016	1.15489	1.15489	0.0464131	0.565955	-1.76693	14.4397	14.2392	0.876547	1
cg00994896	GJD3	0.0258308	0.0977982	1.24768	1.24768	0.176105	0.839262	-1.19152	0.0124115	0.684461	-1.461	0.165764	1.19731	1.19731	0.256085	1.15538	1.15538	0.140984	1.21276	1.21276	0.04632	0.757236	-1.32059	0.185687	0.842851	-1.18645	0.0405262	0.749618	-1.33401	4.30788	1.01266	0.208952	1
cg18748499	GJD3;GJD3	0.00604231	0.000208427	7.94453	7.94453	0.013203	2.78956	2.78956	0.44208	1.29919	1.29919	0.833094	0.931956	-1.07301	0.051654	2.09515	2.09515	0.185937	1.59731	1.59731	0.55561	0.819493	-1.22027	0.00932608	3.00798	3.00798	0.0575745	2.04852	2.04852	6.92412	12.229	1.56991	1
cg06565253	GJD3;GJD3	0.0175459	0.0207272	2.21892	2.21892	0.0821733	0.576287	-1.73525	0.163349	1.53079	1.53079	0.987776	1.00439	1.00439	0.664432	0.882569	-1.13306	0.156104	1.54382	1.54382	0.00928598	2.57193	2.57193	0.00691328	2.71973	2.71973	0.0224077	2.18793	2.18793	4.91715	6.37906	1.15316	1
cg10258719	GJD4	1.78E-05	3.93E-05	0.273298	-3.65902	5.09E-05	0.286056	-3.49582	0.855065	0.970303	-1.03061	0.00044216	0.400647	-2.49596	4.92E-06	0.179292	-5.57749	0.0223449	0.636774	-1.57042	6.33E-06	0.189741	-5.27035	0.852484	1.03117	1.03117	0.000196931	0.356365	-2.80611	34.906	15.0286	0.382706	1
cg20732198	GJD4	0.000407467	0.826292	0.955933	-1.0461	0.000529211	3.02444	3.02444	0.63635	1.10258	1.10258	0.00448927	0.459872	-2.17452	0.000186368	0.274296	-3.64569	0.00772324	2.01718	2.01718	0.671098	1.09153	1.09153	0.00869748	1.98497	1.98497	0.0171216	0.551103	-1.81454	15.1229	10.07	0.591893	1
cg25281042	GJD4	0.00423982	0.0424607	0.492777	-2.02931	0.395234	1.30176	1.30176	0.0394071	0.485905	-2.05802	0.0243782	0.443733	-2.25361	0.00116967	0.23617	-4.23423	0.00533629	0.329013	-3.0394	0.000627111	0.203404	-4.91632	0.134701	0.61357	-1.6298	0.0363454	0.478559	-2.08961	7.71566	11.2101	1.29147	1
cg16742003	GJD4	0.00504731	0.0118697	0.350912	-2.84972	0.839289	1.07005	1.07005	0.338958	0.719903	-1.38908	0.106324	0.55542	-1.80044	0.000839844	0.187319	-5.33849	0.0286035	2.36577	2.36577	0.0984618	1.82981	1.82981	0.537642	1.23133	1.23133	0.0100451	0.338448	-2.95467	7.31752	12.8844	1.56512	1
cg10133248	GJD4	0.0089924	0.485892	0.82319	-1.21479	0.180995	1.47737	1.47737	0.293762	1.34885	1.34885	0.117345	1.59583	1.59583	0.0963722	0.605528	-1.65145	0.533141	1.1894	1.1894	0.243402	1.3985	1.3985	0.00165824	0.290327	-3.44439	0.00342827	0.335383	-2.98167	6.11401	7.31135	1.06296	1
cg23900225	GJD4	0.0110776	0.115896	0.550175	-1.8176	0.00318526	4.08885	4.08885	0.135123	1.75627	1.75627	0.152749	0.585388	-1.70827	0.257991	0.661849	-1.51092	0.0128967	2.94307	2.94307	0.0214359	2.62822	2.62822	0.765042	0.900504	-1.11049	0.154852	0.587211	-1.70297	5.71954	11.0748	1.72117	1
cg24819266	GJD4	0.0118244	0.294663	1.60967	1.60967	0.0378584	0.348333	-2.87082	0.0355385	0.342383	-2.92071	0.00693901	0.216525	-4.6184	0.0242886	0.308516	-3.24132	0.297422	0.623057	-1.60499	0.0018048	0.143166	-6.98488	0.882451	1.06695	1.06695	0.0227211	0.302903	-3.30139	5.60021	17.0142	2.70056	1
cg02483554	GJD4	0.0309166	0.037397	0.37978	-2.6331	0.0389521	2.6065	2.6065	0.389562	1.42391	1.42391	0.719609	1.15545	1.15545	0.0916989	0.475074	-2.10494	0.101702	2.05061	2.05061	0.0415243	2.56532	2.56532	0.574813	1.25505	1.25505	0.0359302	0.37601	-2.65951	4.04331	10.2878	2.26169	1
cg12630277	GJD4	0.0318177	0.0459556	0.346314	-2.88755	0.0168159	3.86673	3.86673	0.761355	1.15166	1.15166	0.199939	0.533812	-1.87332	0.00921316	0.215993	-4.62977	0.927285	1.04322	1.04322	0.962618	0.978507	-1.02196	0.312663	0.61622	-1.6228	0.0413382	0.335915	-2.97694	4.00205	13.6216	3.02546	1
cg16981024	GJD4	0.03458	0.429652	1.57968	1.57968	0.439622	1.56363	1.56363	0.404282	0.61633	-1.62251	0.871555	0.912318	-1.09611	0.0176348	0.194497	-5.14148	0.0734763	0.322459	-3.10117	0.00576875	0.128534	-7.78005	0.0719534	3.12423	3.12423	0.466095	0.656624	-1.52294	3.88405	19.7851	4.52793	1
cg25615081	GK2	3.19E-05	0.0294553	0.532846	-1.87671	0.0968662	0.639284	-1.56425	0.000194021	0.214449	-4.66312	2.76E-05	0.1316	-7.5988	2.04E-06	0.0564433	-17.7169	0.0108609	0.456028	-2.19285	0.00017918	0.210626	-4.74774	0.735198	0.920038	-1.08691	9.80E-05	0.182833	-5.46947	29.9741	28.612	0.848494	1
cg18493326	GK2	0.000172871	0.0578189	0.741395	-1.34881	0.0671592	0.751092	-1.33139	0.00724857	0.616744	-1.62142	0.908504	0.984089	-1.01617	4.91E-06	0.233506	-4.28254	0.335091	1.14875	1.14875	0.00179084	1.85881	1.85881	0.783055	1.03926	1.03926	0.190247	1.21352	1.21352	19.1107	5.89078	0.273996	1
cg17738194	GK2	0.000602994	0.107452	0.615243	-1.62537	0.358	0.770022	-1.29866	0.00180004	0.293017	-3.41277	0.000824597	0.248365	-4.02633	6.89E-05	0.133831	-7.47213	0.121577	0.628745	-1.59047	0.000192475	0.17623	-5.67441	0.917031	1.02923	1.02923	0.0087324	0.397044	-2.51862	13.565	16.422	1.0761	1
cg00177468	GK2	0.00459226	0.443332	0.895302	-1.11694	0.310624	0.862045	-1.16003	0.00487937	0.58979	-1.69552	0.000635062	0.475888	-2.10134	0.0457242	1.38281	1.38281	0.31373	1.15886	1.15886	0.0160451	1.51746	1.51746	0.826557	0.969425	-1.03154	0.715063	1.05325	1.05325	7.53117	2.38827	0.281882	1
cg04414629	GK2	0.00713804	0.235168	1.3021	1.3021	0.0429251	1.63933	1.63933	0.0684225	0.648678	-1.5416	0.468598	0.855176	-1.16935	0.0138022	0.524287	-1.90735	0.854132	1.03982	1.03982	0.000823868	0.343355	-2.91243	0.0493585	1.60945	1.60945	0.892276	0.971663	-1.02916	6.57494	4.68715	0.633673	1
cg17197065	GK2;GK2	0.000187442	0.796101	0.932954	-1.07186	0.00500777	0.369629	-2.70542	3.35E-05	0.115813	-8.6346	0.00578165	0.379424	-2.63557	0.00036165	0.215962	-4.63045	0.00024912	0.197858	-5.05413	0.000130619	0.168623	-5.93039	0.788105	1.07487	1.07487	0.00282027	0.332023	-3.01184	18.6968	21.2692	1.01119	1
cg01807825	GK2;GK2	0.00301406	0.00583593	0.249798	-4.00323	0.00668727	0.258742	-3.86485	0.00665059	0.258376	-3.87032	0.0125871	0.303507	-3.29482	0.000706774	0.137612	-7.26681	0.0062726	0.254509	-3.92914	0.00116791	0.160175	-6.24317	0.014198	0.312675	-3.1982	0.0425334	0.407598	-2.4534	8.54628	19.9874	2.07887	1
cg16299601	GK5	0.000190527	0.0445342	0.5869	-1.70387	0.372151	1.23573	1.23573	0.00186465	0.36074	-2.77208	0.116124	0.674044	-1.48358	5.33E-05	0.175136	-5.70986	0.0391405	0.576126	-1.73573	3.42E-05	0.156807	-6.37727	0.243438	1.32569	1.32569	0.000280301	0.253524	-3.9444	18.6144	15.7312	0.75121	1
cg03540329	GK5	0.00677818	0.121417	0.683207	-1.46369	0.329919	0.796049	-1.2562	0.257637	0.764909	-1.30735	0.988216	1.00336	1.00336	0.00501152	0.430691	-2.32185	0.419576	0.829364	-1.20574	0.000302218	0.263756	-3.79138	0.00314383	0.40019	-2.49881	0.218558	0.745582	-1.34123	6.6818	5.44661	0.72457	1
cg21246431	GK5	0.00802246	0.297138	0.841138	-1.18887	0.0599417	1.40452	1.40452	0.0147364	1.61673	1.61673	0.00868227	0.585469	-1.70803	0.880314	0.976173	-1.02441	0.840705	1.03273	1.03273	0.00110171	0.463007	-2.1598	0.872223	1.0261	1.0261	0.704063	0.940749	-1.06298	6.33855	2.57159	0.360628	1
cg25645198	GK;GK;GK	0.00215972	0.120645	1.49416	1.49416	0.310625	0.77859	-1.28437	0.00761875	0.441072	-2.2672	0.081016	0.630325	-1.58648	0.000438921	0.265825	-3.76187	0.0133185	2.07827	2.07827	0.00938904	2.19389	2.19389	0.228459	1.35194	1.35194	0.77485	0.933872	-1.07081	9.42811	8.49796	0.801194	1
cg07051162	GK;GK;GK	0.0371789	0.0468048	0.188416	-5.3074	0.0141702	9.20306	9.20306	0.0258576	6.96007	6.96007	0.31045	2.15895	2.15895	0.181083	0.353003	-2.83284	0.117686	0.28765	-3.47645	0.633497	1.42228	1.42228	0.252112	2.40443	2.40443	0.461269	1.73331	1.73331	3.7832	32.2218	7.57073	1
cg08470157	GK;GK;GK	0.0399918	0.346365	0.600757	-1.66457	0.00643237	6.43889	6.43889	0.0113027	5.29652	5.29652	0.956775	1.02889	1.02889	0.491199	0.692518	-1.44401	0.0991271	0.386745	-2.58569	0.44717	1.50248	1.50248	0.423673	1.53632	1.53632	0.240261	1.90807	1.90807	3.68341	16.1082	3.88726	1
cg24281651	GK;GK;GK;GK;GK;GK	0.0078677	0.213238	0.781067	-1.2803	0.00118307	0.40796	-2.45122	0.0468791	0.651241	-1.53553	0.540661	1.12385	1.12385	0.0615956	0.672397	-1.48722	0.53788	0.889068	-1.12477	0.00393673	2.07773	2.07773	0.179005	0.764059	-1.3088	0.255254	0.799392	-1.25095	6.37751	3.58933	0.500277	1
cg14286869	GKAP1;GKAP1	0.000347789	0.173714	1.18697	1.18697	0.000860072	0.552851	-1.8088	0.000100893	0.442102	-2.26192	0.557275	1.07282	1.07282	0.00785308	1.49775	1.49775	0.275361	0.874249	-1.14384	0.0268319	1.36421	1.36421	0.0604862	0.77827	-1.2849	0.000500827	0.524864	-1.90526	15.7967	3.50874	0.197438	1
cg12437157	GKAP1;GKAP1	0.00170576	0.398702	1.18661	1.18661	0.00318482	2.22018	2.22018	0.0140431	0.548533	-1.82304	0.0359501	1.62124	1.62124	0.000867359	0.371681	-2.69048	0.128296	1.3848	1.3848	0.00293079	0.445192	-2.24622	0.788253	0.948087	-1.05476	0.249476	0.787928	-1.26915	10.0979	6.27158	0.55207	1
cg14038878	GKAP1;GKAP1	0.00907321	0.00973434	0.412989	-2.42137	0.055606	0.556191	-1.79794	0.210665	0.699966	-1.42864	0.0555051	0.556022	-1.79849	0.00182694	0.301844	-3.31297	0.085339	0.597845	-1.67267	0.047262	0.54121	-1.84771	0.000746064	0.250542	-3.99135	0.3554	0.773279	-1.29319	6.09668	7.06297	1.02977	1
cg20475718	GKN1	0.000766843	0.0322967	1.59337	1.59337	0.000144468	3.67356	3.67356	0.0188513	0.587637	-1.70173	0.00311184	0.462272	-2.16323	0.0312593	0.625133	-1.59966	0.18777	0.774703	-1.29082	0.20111	0.781318	-1.27989	0.00141257	0.410452	-2.43634	0.932055	0.984663	-1.01558	15.5717	7.9309	0.396133	1
cg09157127	GKN1	0.00528827	0.697894	0.911917	-1.09659	0.00361982	0.394228	-2.5366	0.00054445	0.280738	-3.56204	0.0439391	0.578507	-1.72859	0.0103433	0.466003	-2.14591	0.82951	0.950302	-1.0523	0.00363527	0.394506	-2.53482	0.0849689	0.637462	-1.56872	0.0221374	0.52284	-1.91263	7.21388	6.38422	0.786658	1
cg07258659	GKN1	0.0113071	0.201964	1.23025	1.23025	0.00100227	0.47178	-2.11963	0.00190918	0.50855	-1.96637	0.848531	0.97102	-1.02984	0.0902217	0.750384	-1.33265	0.12548	0.77489	-1.29051	0.852743	1.02899	1.02899	0.505779	0.901365	-1.10943	0.290363	0.844702	-1.18385	5.68183	2.12869	0.333021	1
cg13877895	GKN1	0.0199685	0.00289751	0.434854	-2.29962	0.523479	0.876782	-1.14053	0.00125658	0.383701	-2.60619	0.0806348	0.674323	-1.48297	0.102334	0.69518	-1.43848	0.0881787	0.682052	-1.46616	0.244234	0.780546	-1.28115	0.64031	0.908729	-1.10044	0.0888527	0.682716	-1.46474	4.70709	3.08343	0.582276	1
cg24550525	GKN2	0.00254908	0.616243	0.89323	-1.11953	0.0924138	0.661111	-1.51261	0.00308892	0.404623	-2.47144	0.195663	0.736544	-1.35769	0.000203194	0.248594	-4.02262	0.0137907	0.50652	-1.97426	0.000790811	0.32202	-3.1054	0.0137706	0.506414	-1.97467	0.0482011	0.603806	-1.65616	8.98049	7.10141	0.702898	1
cg01813276	GLA	0.00270896	0.0559561	0.633141	-1.57943	0.273587	0.786224	-1.2719	0.000488461	0.315546	-3.16911	0.845021	1.04218	1.04218	0.000146491	0.251804	-3.97135	0.125352	0.704563	-1.41932	0.448627	1.17704	1.17704	0.655798	0.909644	-1.09933	0.988311	1.0031	1.0031	8.82075	6.22537	0.627346	1
cg05120113	GLB1;GLB1	0.0197393	0.008818	0.586801	-1.70415	0.0911983	1.34635	1.34635	0.218768	0.813205	-1.2297	0.396973	0.870528	-1.14873	0.0413013	0.686417	-1.45684	0.0229797	1.54463	1.54463	0.750473	0.950275	-1.05233	0.143379	1.28579	1.28579	0.0629107	0.715709	-1.39722	4.72557	1.9126	0.359765	1
cg20685600	GLB1;GLB1;GLB1	0.00631677	0.715984	1.03978	1.03978	0.0162455	0.73069	-1.36857	0.0135429	0.721664	-1.38569	0.00749733	1.444	1.444	0.264379	0.883218	-1.13222	0.455829	1.08446	1.08446	0.00365674	1.52134	1.52134	0.315128	0.895045	-1.11726	0.0824825	0.814388	-1.22792	6.82964	1.23259	0.160424	1
cg16263653	GLB1;GLB1;GLB1	0.0155373	0.0511315	0.710728	-1.40701	0.759985	1.04823	1.04823	0.398525	0.875568	-1.14212	0.97174	0.994569	-1.00546	0.943243	1.01101	1.01101	0.0788036	1.34996	1.34996	0.104567	0.761291	-1.31356	0.00404607	1.81021	1.81021	0.00796561	0.59277	-1.68699	5.12067	1.91668	0.332714	1
cg12987059	GLB1;GLB1;GLB1	0.0200024	0.0227905	0.0792902	-12.6119	0.00433752	0.0288447	-34.6684	0.0791726	0.163189	-6.12786	0.129286	0.217718	-4.59309	0.012163	0.0546574	-18.2958	0.0776756	0.161388	-6.19625	0.00446684	0.0293928	-34.0219	0.37942	0.432266	-2.31339	0.0290367	0.0913172	-10.9508	4.70437	64.4604	12.1798	1
cg24938064	GLB1;TMPPE;TMPPE;GLB1;GLB1	0.000586982	0.0389232	0.662537	-1.50935	0.000251613	2.82789	2.82789	0.307205	1.19965	1.19965	0.0256451	1.57855	1.57855	0.00365521	1.96783	1.96783	0.908258	1.02005	1.02005	0.00324692	0.500951	-1.9962	0.00180987	0.46585	-2.14661	0.138355	0.759759	-1.31621	13.6672	6.41913	0.417488	1
cg27034836	GLB1;TMPPE;TMPPE;GLB1;GLB1	0.0136193	0.0628603	0.460138	-2.17326	0.000829313	6.46797	6.46797	0.0462814	2.33211	2.33211	0.230608	1.59432	1.59432	0.0613452	0.457556	-2.18553	0.386067	1.39036	1.39036	0.354686	1.42355	1.42355	0.757086	0.8913	-1.12196	0.719774	1.14296	1.14296	5.34808	11.6518	1.93662	1
cg09715285	GLB1L	1.27E-07	3.55E-07	2.77631	2.77631	3.90E-05	1.72873	1.72873	0.777843	0.980538	-1.01985	4.30E-07	2.70765	2.70765	2.87E-06	0.459443	-2.17655	2.58E-06	2.20078	2.20078	0.826472	0.98486	-1.01537	1.28E-07	3.20382	3.20382	9.46E-07	2.45787	2.45787	123.815	9.46783	0.067971	1
cg25308242	GLB1L	9.57E-05	0.280034	0.898721	-1.11269	0.27773	0.898223	-1.11331	7.13E-05	0.502374	-1.99055	0.591358	1.05289	1.05289	3.21E-06	0.350302	-2.85468	0.139302	1.16334	1.16334	0.232365	1.12648	1.12648	0.0175962	0.759825	-1.31609	0.0078881	0.723189	-1.38276	22.4038	3.20843	0.127297	1
cg20314884	GLB1L	0.01181	0.0316339	2.45921	2.45921	0.0556496	0.460957	-2.1694	0.0513694	2.20825	2.20825	0.194816	1.63192	1.63192	0.0138175	0.33734	-2.96437	0.896416	0.954549	-1.04762	0.409808	1.35125	1.35125	0.00397782	3.98601	3.98601	0.13518	1.77735	1.77735	5.60242	11.3163	1.79546	1
cg19187465	GLB1L	0.0157513	0.0112292	0.265848	-3.76155	0.0233531	0.323015	-3.09583	0.0188172	0.305171	-3.27685	0.635165	1.22059	1.22059	0.0147181	0.285898	-3.49775	0.026413	0.333591	-2.99768	0.00605402	0.224233	-4.45965	0.0301487	0.345299	-2.89604	0.0410126	0.374022	-2.67364	5.09746	14.0416	2.44855	1
cg01072786	GLB1L	0.0169806	0.246536	1.4868	1.4868	0.814001	0.925762	-1.08019	0.00395847	0.28127	-3.55531	0.00344704	0.272519	-3.66946	0.144479	0.598662	-1.67039	0.0285187	0.429174	-2.33006	0.16683	0.617292	-1.61998	0.22663	1.51514	1.51514	0.474917	0.788342	-1.26848	4.97138	8.43478	1.50815	1
cg03260792	GLB1L2	3.29E-05	0.608153	0.873376	-1.14498	2.84E-06	18.8202	18.8202	0.12841	1.53765	1.53765	0.87102	1.04346	1.04346	0.0276572	0.505789	-1.97711	0.158503	0.673924	-1.48385	0.206132	0.705293	-1.41785	5.80E-06	14.4365	14.4365	0.164171	1.47496	1.47496	29.725	32.2679	0.964933	1
cg10324219	GLB1L2	6.35E-05	0.245996	0.804448	-1.24309	0.0548978	0.676761	-1.47763	0.000471531	0.373351	-2.67845	0.00976789	0.556545	-1.7968	0.0362476	0.646176	-1.54757	0.369046	0.847508	-1.17993	9.15E-07	0.09718	-10.2902	0.571589	1.10797	1.10797	0.0673019	1.44444	1.44444	24.9842	12.7272	0.452808	1
cg24053664	GLB1L2	0.000340705	0.0536142	0.55997	-1.78581	0.000285473	4.79458	4.79458	0.133558	1.53439	1.53439	0.280704	1.34535	1.34535	0.000361445	0.220215	-4.54101	0.765831	1.08223	1.08223	0.40471	0.798065	-1.25303	0.000158565	5.52212	5.52212	0.0292935	1.97257	1.97257	15.8863	17.6119	0.985446	1
cg25768640	GLB1L2	0.000889184	0.392367	0.771382	-1.29637	0.000101962	7.67979	7.67979	0.621793	1.1587	1.1587	0.23013	1.45203	1.45203	0.0349084	0.482767	-2.07139	0.59948	1.16996	1.16996	0.397574	0.773684	-1.29252	0.000164213	6.70937	6.70937	0.468901	0.803896	-1.24394	12.1642	16.9053	1.23534	1
cg08946618	GLB1L2	0.00261697	0.0420858	1.44691	1.44691	0.0160157	0.628094	-1.59212	0.00242513	0.513767	-1.94641	0.189223	1.2453	1.2453	0.113993	1.31155	1.31155	0.605432	1.08567	1.08567	0.0004162	2.41845	2.41845	0.971126	1.00573	1.00573	0.668471	0.934303	-1.07032	8.91118	3.5115	0.350271	1
cg06644638	GLB1L2	0.00307503	0.00157929	0.334302	-2.9913	0.00390526	0.39135	-2.55526	0.0943647	0.641415	-1.55905	0.00588753	0.41884	-2.38755	0.000291016	0.240111	-4.16473	0.606546	0.882096	-1.13366	0.979211	1.00631	1.00631	0.602733	1.1352	1.1352	0.174839	0.705749	-1.41693	8.49557	7.84678	0.821006	1
cg24566824	GLB1L2	0.00408727	0.902719	1.01086	1.01086	0.0168158	1.29401	1.29401	0.10605	1.16878	1.16878	0.216226	0.891387	-1.12185	0.00819574	0.741652	-1.34834	0.0066785	0.732785	-1.36466	0.00549949	1.38052	1.38052	0.0152816	1.301	1.301	0.331093	1.09264	1.09264	7.80154	0.964471	0.10989	1
cg11091209	GLB1L2	0.00544231	0.213942	1.17232	1.17232	0.0133083	0.688916	-1.45156	0.453466	0.91139	-1.09723	0.34666	0.888923	-1.12496	0.354654	0.890747	-1.12265	0.000655723	1.88598	1.88598	0.00869552	1.50121	1.50121	0.179842	0.841075	-1.18895	0.294376	1.14127	1.14127	7.15066	1.67183	0.207823	1
cg13650974	GLB1L2	0.00904842	0.000937826	0.221869	-4.50715	0.232194	0.682384	-1.46545	0.0109382	0.377519	-2.64887	0.00455013	0.315782	-3.16674	0.0033637	0.296192	-3.37618	0.521302	0.820142	-1.2193	0.469501	0.798958	-1.25163	0.666609	0.876168	-1.14133	0.168705	0.639337	-1.56412	6.10197	8.99082	1.30971	1
cg07501052	GLB1L2	0.0104698	0.370109	1.14128	1.14128	0.0176106	1.51384	1.51384	0.0348476	0.702495	-1.4235	0.905024	0.983008	-1.01729	0.108345	1.28595	1.28595	0.0813781	1.31965	1.31965	0.00068851	2.10447	2.10447	0.122135	1.27196	1.27196	0.840265	0.97144	-1.0294	5.82432	1.90158	0.290213	1
cg17538036	GLB1L2	0.0157793	0.819671	1.04479	1.04479	0.0115466	1.83331	1.83331	0.172904	1.32092	1.32092	0.3649	0.836393	-1.19561	0.0447638	0.642699	-1.55594	0.805335	0.953722	-1.04852	0.00125935	2.46825	2.46825	0.922068	0.981398	-1.01895	0.822267	0.957745	-1.04412	5.09446	2.97112	0.518405	1
cg08512353	GLB1L2	0.0173883	0.139078	0.655048	-1.52661	0.951838	0.984079	-1.01618	0.0090188	0.413908	-2.416	0.225155	0.71284	-1.40284	0.00488424	0.371105	-2.69465	0.277637	1.34985	1.34985	0.929331	0.976706	-1.02385	0.0865054	1.6539	1.6539	0.0140191	0.44662	-2.23904	4.93205	5.51496	0.993946	1
cg26275898	GLB1L2	0.0178214	0.0574219	1.39843	1.39843	0.184071	0.802616	-1.24593	0.00770626	0.586122	-1.70613	0.566966	1.09451	1.09451	0.152997	1.26973	1.26973	0.734111	1.05464	1.05464	0.496321	0.897824	-1.1138	0.375422	1.15252	1.15252	0.00351068	0.539133	-1.85483	4.8915	1.88633	0.342786	1
cg14178846	GLB1L2	0.0306692	0.171665	0.729352	-1.37108	0.436769	1.18775	1.18775	0.146358	0.713081	-1.40236	0.661258	0.9088	-1.10035	0.00914817	0.487734	-2.0503	0.133636	1.42032	1.42032	0.00757213	2.10656	2.10656	0.660918	0.908706	-1.10047	0.949989	1.0137	1.0137	4.0549	3.02086	0.662213	1
cg14455592	GLB1L2	0.0455294	0.0661932	0.43518	-2.2979	0.0396403	2.6133	2.6133	0.0859284	2.15157	2.15157	0.949733	1.02578	1.02578	0.0176253	0.311679	-3.20843	0.0667991	0.436178	-2.29264	0.312692	0.655974	-1.52445	0.707717	1.16424	1.16424	0.961053	1.01991	1.01991	3.51011	9.06207	2.29485	1
cg11781389	GLB1L2	0.0459224	0.869186	0.972383	-1.0284	0.19464	1.26252	1.26252	0.0645315	1.42307	1.42307	0.890149	1.02376	1.02376	0.667456	0.929193	-1.0762	0.00426462	1.91495	1.91495	0.350893	0.84948	-1.17719	0.162071	1.28871	1.28871	0.0182068	1.62757	1.62757	3.49881	1.59967	0.406403	1
cg19117501	GLB1L2	0.0459997	0.800761	0.922853	-1.0836	0.264136	0.691046	-1.44708	0.0218672	0.417515	-2.39512	0.12554	1.69277	1.69277	0.689834	0.880415	-1.13583	0.540056	1.21768	1.21768	0.0527137	2.01213	2.01213	0.0468172	2.05974	2.05974	0.0649182	0.517834	-1.93112	3.4966	5.58221	1.41908	1
cg10700424	GLB1L2;GLB1L2	0.0208368	0.547959	0.896637	-1.11528	0.00305335	2.0712	2.0712	0.0191821	1.66284	1.66284	0.203709	0.786044	-1.27219	0.716917	0.936745	-1.06753	0.429682	1.15565	1.15565	0.0214693	1.64175	1.64175	0.447412	0.870266	-1.14907	0.218247	0.792624	-1.26163	4.63937	2.36623	0.453362	1
cg07759394	GLB1L2;GLB1L2	0.0483698	0.00459785	0.45857	-2.18069	0.0568576	0.640525	-1.56122	0.39634	0.835666	-1.19665	0.376564	0.828986	-1.20629	0.489778	1.15605	1.15605	0.222554	0.767251	-1.30335	0.0423071	1.62159	1.62159	0.972448	0.992887	-1.00716	0.458928	0.855671	-1.16867	3.431	2.32143	0.601426	1
cg09579722	GLB1L3	0.000454881	0.165247	0.857074	-1.16676	0.0022425	1.56182	1.56182	0.547705	1.06544	1.06544	0.0556531	0.797749	-1.25353	0.0447593	0.786584	-1.27132	0.00129593	0.613649	-1.62959	0.000159172	1.95934	1.95934	0.00748043	0.698517	-1.43161	0.0453163	1.2703	1.2703	14.6699	2.52262	0.152852	1
cg21692846	GLB1L3	0.000845851	0.01817	0.624224	-1.60199	2.49E-05	0.252462	-3.96099	0.490752	1.12188	1.12188	0.49491	1.12061	1.12061	0.165183	1.27537	1.27537	0.13743	1.30064	1.30064	0.00325186	0.517187	-1.93354	0.966069	1.00701	1.00701	0.96859	1.00649	1.00649	12.3369	5.27475	0.380052	1
cg23682822	GLB1L3	0.000963589	0.00410005	0.408558	-2.44763	0.93652	1.01869	1.01869	0.912219	1.02596	1.02596	0.00504792	0.42236	-2.36765	9.42E-05	0.19835	-5.0416	0.0105909	0.473682	-2.11112	0.00591609	2.30913	2.30913	0.790912	0.940106	-1.06371	0.0470517	0.589618	-1.69601	11.8909	10.1745	0.760584	1
cg16592326	GLB1L3	0.00615997	0.114237	0.698756	-1.43111	0.235969	1.29578	1.29578	0.837768	0.957996	-1.04385	0.0553507	0.635621	-1.57326	0.000156844	0.259331	-3.85608	0.426337	1.18468	1.18468	0.177367	1.34866	1.34866	0.911684	0.977117	-1.02342	0.114022	0.698581	-1.43147	6.88298	4.74534	0.612828	1
cg10122477	GLB1L3	0.0164427	0.00945357	3.50409	3.50409	0.00121846	6.07825	6.07825	0.198371	1.67909	1.67909	0.384727	0.711928	-1.40464	0.027714	2.69705	2.69705	0.385779	1.40353	1.40353	0.0775802	2.11259	2.11259	0.0276902	2.6976	2.6976	0.153365	1.79119	1.79119	5.02511	11.5686	2.04636	1
cg22256309	GLB1L3	0.0209282	0.400683	0.789744	-1.26623	0.186804	1.46811	1.46811	0.624116	0.873261	-1.14513	0.663752	1.12753	1.12753	0.00102214	0.262872	-3.80413	0.0105715	0.413772	-2.41679	0.448871	1.23586	1.23586	0.925568	1.02597	1.02597	0.450563	0.809817	-1.23485	4.63244	5.52413	1.05999	1
cg23170850	GLB1L3	0.0301035	0.0179752	0.740967	-1.34959	0.493293	1.07525	1.07525	0.520553	0.934341	-1.07027	0.841496	0.979337	-1.0211	0.260542	0.884818	-1.13018	0.0902841	0.823116	-1.2149	0.00255282	0.646338	-1.54718	0.326746	0.899804	-1.11135	0.0943007	1.21143	1.21143	4.08183	0.702991	0.153088	1
cg13491690	GLB1L3	0.0493789	0.396976	0.887918	-1.12623	0.324561	0.869851	-1.14962	0.747414	0.956679	-1.04528	0.0547402	0.74184	-1.348	0.0812594	0.767288	-1.30329	0.138294	0.803554	-1.24447	0.00129299	0.525947	-1.90133	0.279787	0.857277	-1.16648	0.898753	1.0176	1.0176	3.40426	1.01279	0.26445	1
cg18375494	GLB1L3;GLB1L3	0.007595	0.302575	1.30901	1.30901	0.245165	0.73601	-1.35868	0.137781	0.668338	-1.49625	0.0278802	1.92554	1.92554	0.000374971	0.238333	-4.19582	0.186925	1.42293	1.42293	0.0899682	0.624238	-1.60195	0.868678	1.04261	1.04261	0.228962	0.727364	-1.37483	6.44852	6.49286	0.895001	1
cg15444149	GLCCI1	2.25E-06	0.0181311	0.673312	-1.4852	5.86E-06	0.245629	-4.07119	0.0004169	0.462286	-2.16316	0.00970649	1.56986	1.56986	3.23E-05	0.328192	-3.04699	0.243534	0.84518	-1.18318	1.00E-05	0.270719	-3.69386	0.688102	1.0572	1.0572	1.20E-07	0.0975628	-10.2498	59.5839	17.9314	0.267506	1
cg03067707	GLCCI1	0.000266003	0.185552	0.799814	-1.25029	0.000156241	0.35704	-2.80081	4.81E-05	0.296005	-3.37832	0.149534	1.27875	1.27875	0.103869	1.32708	1.32708	0.0228665	0.648381	-1.5423	0.00319831	1.89728	1.89728	0.134396	1.29285	1.29285	0.989833	0.997975	-1.00203	16.9999	6.81719	0.356457	1
cg26909613	GLCCI1	0.00286037	0.265669	0.741747	-1.34817	0.000429304	0.238057	-4.20068	0.00916138	0.426394	-2.34525	0.762021	0.924756	-1.08137	0.386414	0.795582	-1.25694	0.0141475	0.458494	-2.18105	0.00465668	2.63602	2.63602	0.123205	1.5374	1.5374	0.302915	0.759686	-1.31633	8.67998	9.11936	0.933884	1
cg07107420	GLCCI1	0.003154	0.006518	0.361965	-2.7627	0.00208606	0.287919	-3.4732	0.152691	1.55314	1.55314	0.00160088	3.67408	3.67408	0.825367	1.06558	1.06558	0.503681	1.21539	1.21539	0.0342942	0.491734	-2.03362	0.0490951	0.524283	-1.90737	0.841812	1.05912	1.05912	8.43173	11.0339	1.16321	1
cg08134618	GLCCI1	0.00322926	0.116792	0.768246	-1.30167	0.185262	0.80464	-1.24279	0.00308682	1.48027	1.48027	?	?	?	0.468445	0.892137	-1.1209	0.0425534	1.43521	1.43521	0.000642004	0.444596	-2.24923	0.00290787	0.530917	-1.88353	0.728682	1.05536	1.05536	8.55839	2.88435	0.337021	1
cg23886378	GLCCI1	0.00438905	0.183494	0.870979	-1.14813	0.0912881	1.19967	1.19967	0.05353	1.23941	1.23941	0.829418	0.979101	-1.02135	0.0396061	0.792191	-1.26232	0.437851	1.08055	1.08055	0.000930551	1.62225	1.62225	0.17882	0.869525	-1.15005	0.00393639	0.684042	-1.4619	7.6353	1.15872	0.134896	1
cg27287840	GLCCI1	0.0183305	0.260382	0.787333	-1.27011	0.123827	1.40419	1.40419	0.000360727	3.20664	3.20664	0.288052	1.25189	1.25189	0.694204	0.922673	-1.08381	0.690368	1.08497	1.08497	0.762549	0.940147	-1.06366	0.531101	0.878778	-1.13794	0.81234	0.952714	-1.04963	4.84537	3.18352	0.58402	1
cg17047515	GLCCI1	0.0255267	0.325025	1.10453	1.10453	0.389189	1.09016	1.09016	0.335903	1.10194	1.10194	0.193072	1.14424	1.14424	0.0290281	1.28626	1.28626	0.0115681	1.3619	1.3619	0.142794	1.16659	1.16659	0.134064	1.17124	1.17124	0.000875924	1.62932	1.62932	4.32572	0.655635	0.134726	1
cg07805240	GLCCI1	0.0294398	0.985294	1.00234	1.00234	0.281783	1.15272	1.15272	0.452143	1.10222	1.10222	0.446721	0.906157	-1.10356	0.176999	0.833324	-1.20001	0.434125	0.903565	-1.10673	0.00130084	0.551502	-1.81323	0.55572	1.07866	1.07866	0.0621265	1.30584	1.30584	4.11425	1.05199	0.227284	1
cg18614025	GLCCI1	0.0361729	0.485688	0.887367	-1.12693	0.219876	1.24309	1.24309	0.309216	1.19424	1.19424	0.103414	0.740491	-1.35046	0.0259399	1.56197	1.56197	0.750756	1.05523	1.05523	0.00768245	0.561108	-1.78219	0.670797	1.07478	1.07478	0.0793001	1.389	1.389	3.82118	1.72194	0.40056	1
cg14864999	GLCE	0.0302803	0.695468	1.22453	1.22453	0.145124	0.446802	-2.23813	0.284831	0.564377	-1.77187	0.972028	0.982108	-1.01822	0.00184735	0.102669	-9.74003	0.0618732	0.338687	-2.95258	0.00750603	0.170023	-5.88156	0.819716	0.889102	-1.12473	0.168469	0.469722	-2.12892	4.07335	17.1038	3.7324	1
cg20661290	GLCE	0.0440207	0.0724442	0.357165	-2.79983	0.873525	1.08526	1.08526	0.260864	1.82633	1.82633	0.6535	0.792874	-1.26123	0.08687	0.378619	-2.64117	0.486046	0.695196	-1.43844	0.00258201	0.117014	-8.54597	0.0325726	0.276696	-3.61407	0.486208	0.695293	-1.43824	3.55464	14.8523	3.71403	1
cg13588086	GLDC	0.0144983	0.00692034	0.235739	-4.24198	0.00172045	0.157321	-6.35642	0.156368	0.534271	-1.87171	0.177641	0.55306	-1.80812	0.0618399	0.419178	-2.38562	0.0580941	0.412499	-2.42425	0.0127006	0.277919	-3.59817	0.0108366	0.26636	-3.75432	0.0307657	0.350322	-2.85452	5.23922	14.1831	2.40631	1
cg13847898	GLDC	0.017298	0.0327738	0.434899	-2.29939	0.0671399	0.504577	-1.98186	0.132395	0.581971	-1.7183	0.85177	1.06435	1.06435	0.00415666	0.27785	-3.59906	0.0177749	0.382586	-2.61379	0.353537	1.37469	1.37469	0.084829	1.88767	1.88767	0.0503761	0.475419	-2.10341	4.94066	8.69642	1.5646	1
cg05182555	GLDC	0.0458165	0.976055	1.00416	1.00416	0.409985	1.12361	1.12361	0.970912	0.994969	-1.00506	0.364771	0.879137	-1.13748	0.37695	1.13361	1.13361	0.788238	0.963447	-1.03794	0.272265	1.17124	1.17124	0.689005	1.05722	1.05722	0.00080859	2.01173	2.01173	3.50184	1.0611	0.269345	1
cg05404865	GLDN	0.000571878	0.0237772	0.704987	-1.41847	0.000115124	0.416354	-2.4018	0.000903144	0.525527	-1.90285	0.000124106	0.420282	-2.37935	0.00134146	0.546761	-1.82895	0.955648	0.992821	-1.00723	0.992214	0.998737	-1.00126	0.0712835	0.770292	-1.29821	0.0115926	0.6644	-1.50512	13.7668	3.65942	0.236279	1
cg25905881	GLDN	0.000859963	0.122249	1.3232	1.3232	0.0141468	1.65907	1.65907	0.495099	1.12281	1.12281	0.121107	1.32452	1.32452	0.00469917	0.533544	-1.87426	0.0143262	1.65683	1.65683	0.00344407	0.51466	-1.94303	0.106853	1.34227	1.34227	0.000150767	2.96786	2.96786	12.2795	5.43737	0.393602	1
cg27508586	GLDN	0.0019126	0.118271	0.658115	-1.51949	0.0908683	0.631603	-1.58327	0.000452579	0.255713	-3.91063	0.834439	0.949679	-1.05299	9.84E-05	0.18152	-5.50903	0.631248	0.887543	-1.12671	0.00543982	0.405675	-2.46503	0.0660882	0.601339	-1.66296	0.859375	0.957195	-1.04472	9.76812	9.41472	0.85673	1
cg12635263	GLDN	0.0160412	0.414703	0.846796	-1.18092	0.013119	0.541422	-1.84699	0.136664	0.72629	-1.37686	0.055698	0.648933	-1.54099	0.00260082	0.43514	-2.29811	0.0767988	1.48072	1.48072	0.313221	1.23127	1.23127	0.0811147	0.679966	-1.47066	0.0691525	0.666589	-1.50017	5.06666	3.19228	0.560051	1
cg09289674	GLDN	0.0236944	0.0724265	0.677188	-1.47669	0.0072313	0.509688	-1.96199	0.0224483	0.587582	-1.70189	0.544693	1.12661	1.12661	0.450469	0.86112	-1.16128	0.385331	1.18894	1.18894	0.0690952	1.48515	1.48515	0.139787	1.362	1.362	0.167663	1.33105	1.33105	4.43904	2.65838	0.532323	1
cg17811589	GLDN	0.0292275	0.745051	1.08791	1.08791	0.0626602	1.71767	1.71767	0.388034	0.795752	-1.25667	0.863281	0.956467	-1.04551	0.024083	0.499198	-2.00321	0.128844	1.52781	1.52781	0.00825602	2.3925	2.3925	0.0262143	1.97589	1.97589	0.990213	0.996837	-1.00317	4.12481	4.35658	0.938835	1
cg05303280	GLDN	0.0346852	0.0329798	0.692821	-1.44337	0.994574	1.001	1.001	0.0975124	0.765232	-1.30679	0.204354	0.821099	-1.21788	0.193497	0.816699	-1.22444	0.273815	0.845706	-1.18244	0.429057	1.12615	1.12615	0.00209084	0.528776	-1.89116	0.025645	0.676979	-1.47715	3.87979	1.33076	0.304887	1
cg20857280	GLDN	0.0400737	0.104381	0.582582	-1.7165	0.0743133	0.545962	-1.83163	0.131913	0.609628	-1.64034	0.185432	1.53321	1.53321	0.328746	0.735812	-1.35904	0.0987189	1.735	1.735	0.358315	1.33306	1.33306	0.00661872	0.342047	-2.92358	0.267923	0.703833	-1.42079	3.68064	5.39936	1.30396	1
cg14146148	GLE1;GLE1	0.0105676	0.0304407	0.399459	-2.50339	0.00852145	0.29787	-3.35717	0.0363432	0.415693	-2.40562	0.0253383	0.383258	-2.60921	0.00220748	0.212731	-4.70078	0.020897	0.366862	-2.72582	0.00345033	0.238672	-4.18985	0.807201	0.915574	-1.09221	0.055981	0.457951	-2.18364	5.80695	11.9692	1.83216	1
cg02046187	GLG1;GLG1;GLG1;GLG1;GLG1	0.000188739	0.000152517	0.161077	-6.20819	0.00080914	0.241601	-4.13906	0.0060897	0.365436	-2.73646	0.0626724	0.55496	-1.80193	0.000105663	0.145906	-6.85373	0.000913468	0.248201	-4.02899	5.56E-05	0.121535	-8.2281	0.0859365	0.586568	-1.70483	0.000286742	0.189304	-5.28252	18.662	23.3574	1.11254	1
cg00179576	GLG1;GLG1;GLG1;GLG1;GLG1	0.000324309	0.531809	0.926959	-1.0788	0.000168763	2.15223	2.15223	0.00618625	1.53355	1.53355	0.0515959	1.30386	1.30386	0.723865	1.0434	1.0434	0.000479642	0.518822	-1.92744	0.295393	1.13877	1.13877	0.691865	0.953414	-1.04886	0.000383157	0.507156	-1.97178	16.1027	3.65772	0.20191	1
cg04058144	GLG1;GLG1;GLG1;GLG1;GLG1	0.00186722	0.824188	0.979935	-1.02048	0.823743	0.979884	-1.02053	0.0679726	1.20467	1.20467	0.0844781	1.18987	1.18987	0.0561867	1.21774	1.21774	0.413265	1.07917	1.07917	9.38E-05	0.530255	-1.88589	0.127146	0.860467	-1.16216	0.00715775	0.728813	-1.37209	9.83654	1.29272	0.116818	1
cg04459481	GLG1;GLG1;GLG1;GLG1;GLG1	0.00396323	0.000608788	0.0789753	-12.6622	?	?	?	0.142768	1.7805	1.7805	0.0671969	0.461355	-2.16753	0.535802	1.24682	1.24682	0.292304	0.676633	-1.47791	?	?	?	0.00401418	5.30474	5.30474	0.18538	0.60074	-1.66461	15.7062	21.618	0.983142	1
ch.16.1684049F	GLG1;GLG1;GLG1;GLG1;GLG1	0.00974271	0.102976	0.624883	-1.6003	0.061655	1.74163	1.74163	0.00235148	3.06109	3.06109	0.0360509	0.525872	-1.9016	0.14177	1.5165	1.5165	0.0942827	0.615788	-1.62393	0.754878	1.08606	1.08606	0.056012	0.565217	-1.76923	0.0976359	1.61454	1.61454	5.96005	6.55826	0.978106	1
cg21212066	GLG1;GLG1;GLG1;GLG1;GLG1	0.027673	0.281302	0.851074	-1.17499	0.392479	1.13446	1.13446	0.503539	1.1027	1.1027	0.253793	0.842299	-1.18723	0.0106388	1.58808	1.58808	0.754143	1.04628	1.04628	0.00444765	0.578977	-1.72719	0.38339	0.87922	-1.13737	0.142306	1.25502	1.25502	4.20513	1.38118	0.291956	1
cg04171526	GLG1;GLG1;GLG1;GLG1;GLG1	0.0405771	0.24587	0.882345	-1.13334	0.00280726	1.52903	1.52903	0.403995	1.09207	1.09207	0.910204	0.988432	-1.0117	0.915584	1.011	1.011	0.610006	1.05449	1.05449	0.125456	1.18653	1.18653	0.317225	0.898854	-1.11253	0.0497743	0.793893	-1.25962	3.66374	0.617223	0.149749	1
cg10530560	GLI1;GLI1;GLI1	0.000201516	0.00164841	0.162867	-6.13999	0.00505782	0.224658	-4.4512	0.000679962	0.123488	-8.09796	0.00253909	0.184989	-5.40572	0.000163686	0.0750432	-13.3257	0.000365129	0.100227	-9.97738	2.22E-05	0.0324719	-30.7959	0.000957297	0.137791	-7.25735	0.029653	0.356561	-2.80457	18.3336	47.1162	2.28439	1
cg06679990	GLI1;GLI1;GLI1	0.00147312	0.0222814	0.319788	-3.12707	0.00500796	0.213181	-4.69086	0.00328141	0.188701	-5.29939	0.0362597	0.363002	-2.7548	0.000706848	0.116705	-8.56863	0.585357	0.795091	-1.25772	0.000257031	0.0817111	-12.2382	0.000990302	0.130437	-7.66653	0.020776	0.313973	-3.18499	10.5343	28.9019	2.43876	1
cg09071093	GLI1;GLI1;GLI1	0.00346682	0.00459777	0.13993	-7.14645	0.0120824	0.195636	-5.11154	0.00189257	0.100708	-9.92969	0.303763	0.573886	-1.74251	0.00102014	0.0789127	-12.6722	0.0255995	0.250907	-3.98554	0.00407514	0.133987	-7.46339	0.00317718	0.122362	-8.17249	0.667196	0.798085	-1.253	8.19713	35.2892	3.82673	1
cg07933076	GLI1;GLI1;GLI1	0.00651209	0.513758	0.89345	-1.11926	0.00233816	2.06023	2.06023	0.00134169	2.20967	2.20967	0.2463	1.2291	1.2291	0.757332	1.05415	1.05415	0.168614	0.779133	-1.28348	0.313079	0.837344	-1.19425	0.0246741	0.634368	-1.57637	0.625368	0.91969	-1.08732	6.76547	3.1015	0.407494	1
cg06616245	GLI1;GLI1;GLI1	0.00712125	0.115363	0.722864	-1.38339	0.00101991	0.397149	-2.51795	0.399757	1.17754	1.17754	0.00262158	0.453919	-2.20304	0.947859	1.01248	1.01248	0.0272257	1.64127	1.64127	0.535948	0.887959	-1.12618	0.373618	1.18905	1.18905	0.890996	0.974339	-1.02634	6.57977	3.74554	0.506001	1
cg13004878	GLI1;GLI1;GLI1	0.00939758	0.000505588	0.56497	-1.77001	0.0445519	1.2742	1.2742	0.643332	1.0502	1.0502	0.67715	0.956968	-1.04497	0.0106368	0.713615	-1.40132	0.266227	0.885418	-1.12941	0.443925	1.08545	1.08545	0.942973	0.992513	-1.00754	0.525645	1.06989	1.06989	6.02897	1.05373	0.155358	1
cg03830282	GLI1;GLI1;GLI1;GLI1	0.00694569	0.917843	1.03045	1.03045	0.77423	0.919796	-1.0872	0.55516	0.840725	-1.18945	0.210262	1.46783	1.46783	0.279614	0.72127	-1.38644	0.404878	1.28113	1.28113	0.000142373	0.148535	-6.73241	0.177034	1.51756	1.51756	0.196821	1.48686	1.48686	6.6312	8.87463	1.18961	1
cg15471519	GLI2	0.000857389	0.123229	0.79651	-1.25548	0.0154275	0.666985	-1.49928	0.000335706	0.454768	-2.19892	0.619741	0.934112	-1.07054	0.000598037	0.485915	-2.05797	0.050462	1.35495	1.35495	0.0002442	0.437729	-2.28452	0.303238	0.864763	-1.15639	0.0112945	0.648994	-1.54085	12.2898	3.61371	0.261369	1
cg10255486	GLI2	0.00120445	0.0477303	0.632568	-1.58086	0.13063	1.39128	1.39128	0.0969687	1.4456	1.4456	0.902615	0.975542	-1.02507	3.74E-05	0.201377	-4.9658	0.463687	0.85995	-1.16286	0.0491881	1.5749	1.5749	0.0289979	0.594106	-1.6832	0.0624547	0.654307	-1.52833	11.16	7.23284	0.576094	1
cg00068102	GLI2	0.00161028	0.00176266	0.425288	-2.35135	0.00681707	0.510356	-1.95942	8.97E-05	0.260542	-3.83815	0.00118864	0.401718	-2.48931	0.207505	0.774872	-1.29054	0.823888	1.0437	1.0437	0.822863	0.957886	-1.04397	0.275303	0.80429	-1.24333	0.327577	0.823713	-1.21401	10.2674	5.98816	0.518417	1
cg04223863	GLI2	0.00189064	0.0607528	0.561544	-1.7808	0.000877435	0.256209	-3.90306	0.0013582	0.280966	-3.55915	0.0187127	0.459414	-2.17668	0.0886792	0.598926	-1.66966	0.151915	1.52044	1.52044	0.000279436	0.197434	-5.06499	0.926477	0.975121	-1.02551	0.415199	0.796655	-1.25525	9.80098	11.5659	1.04896	1
cg14932133	GLI2	0.00257166	0.010478	0.373085	-2.68036	0.510228	0.815128	-1.2268	0.769366	0.913952	-1.09415	0.254105	0.694578	-1.43972	0.00170417	0.253807	-3.94	0.0121315	0.384098	-2.6035	0.000276227	0.161701	-6.18427	0.00756478	0.349412	-2.86195	0.00231334	0.271836	-3.67869	8.95718	13.2862	1.31849	1
cg10310616	GLI2	0.00340858	0.384786	0.816081	-1.22537	0.000253881	0.252839	-3.95509	0.00149916	0.352122	-2.83992	0.0325707	0.565214	-1.76924	0.00662595	0.447613	-2.23408	0.697221	0.914682	-1.09328	0.0144356	0.502773	-1.98897	0.843956	0.956046	-1.04597	0.0148703	0.504956	-1.98037	8.23876	6.78801	0.732365	1
cg08561286	GLI2	0.00428665	0.00556381	0.459529	-2.17614	0.0269462	0.571583	-1.74953	0.0010428	0.354786	-2.8186	0.00589515	0.463383	-2.15804	0.00364312	0.431822	-2.31577	0.111822	0.690942	-1.4473	0.53843	1.14223	1.14223	0.00499623	0.452405	-2.21041	0.0242491	0.563571	-1.7744	7.69007	5.55156	0.6417	1
cg05366712	GLI2	0.00625663	0.556024	0.929877	-1.07541	0.00994028	0.671975	-1.48815	0.112118	1.23517	1.23517	0.974124	0.996048	-1.00397	0.942301	0.991201	-1.00888	0.442729	1.10027	1.10027	0.000385741	1.99661	1.99661	0.0395072	0.747711	-1.33741	0.987921	1.00185	1.00185	6.8499	1.6171	0.209846	1
cg06391871	GLI2	0.00713562	0.631325	0.927048	-1.07869	0.00243875	0.516399	-1.93649	0.00221417	0.51077	-1.95783	0.118156	0.766583	-1.30449	0.496166	1.11434	1.11434	0.538862	0.907117	-1.10239	0.0072321	1.72118	1.72118	0.480391	0.893697	-1.11895	0.16292	0.791871	-1.26283	6.57563	2.55644	0.345577	1
cg06378990	GLI2	0.00852295	0.0321209	0.493572	-2.02605	0.00106488	0.256481	-3.89892	0.0163446	0.437927	-2.28348	0.637548	1.14281	1.14281	0.0303605	0.488715	-2.04618	0.0125794	0.417734	-2.39387	0.0196031	0.452374	-2.21056	0.00838903	0.387813	-2.57856	0.780895	0.924562	-1.08159	6.21872	7.79296	1.11391	1
cg21442603	GLI2	0.0136107	0.0208108	0.657958	-1.51985	0.359661	1.15223	1.15223	0.00452224	2.12554	2.12554	0.384877	0.875481	-1.14223	0.0044962	0.2656	-3.76502	0.55197	1.09476	1.09476	0.0564695	1.66556	1.66556	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07622245	GLI2	0.0172696	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22726427	GLI2	0.0311387	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18519450	GLI2	0.0235862	0.338111	1.195	1.195	0.00572681	1.92227	1.92227	0.0033639	1.56465	1.56465	0.517141	1.12579	1.12579	0.12915	1.34423	1.34423	0.192784	0.779839	-1.28232	0.652324	0.921439	-1.08526	0.00457417	1.97613	1.97613	0.0743607	1.43144	1.43144	4.44607	2.29179	0.45819	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)
cg21759953	GLI2	0.0258621	0.988333	1.00329	1.00329	0.365163	0.811456	-1.23235	0.00274009	0.395209	-2.53031	0.0782035	0.644455	-1.5517
cg02632203	GLI2	0.0263907	0.221771	0.849017	-1.17783	0.208178	0.844405	-1.18427	0.101021	0.795412	-1.25721	0.43635	0.903746	-1.10651
cg01791238	GLI2	0.0312661	0.898088	1.04327	1.04327	0.564348	0.824785	-1.21244	0.416322	0.759856	-1.31604	0.723704	1.1245	1.1245
cg23854087	GLI2	0.0321757	0.00545391	0.257837	-3.87841	0.508425	0.779773	-1.28242	0.650391	0.844358	-1.18433	0.607403	0.825176	-1.21186
cg03562360	GLI2	0.0357347	0.067352	0.476401	-2.09907	0.00347623	0.238205	-4.19806	0.0118258	0.320794	-3.11727	0.579157	0.816564	-1.22464
cg11299177	GLI2	0.0374467	0.411462	0.687736	-1.45405	0.484881	1.37216	1.37216	0.0577683	0.384312	-2.60205	0.291406	0.613855	-1.62905
cg00295259	GLI2	0.0394605	0.00346048	0.132008	-7.57529	0.0394201	0.296552	-3.37209	0.0643576	0.346392	-2.8869	0.0671296	0.351062	-2.8485
cg23996979	GLI2	0.0440203	0.632928	1.05519	1.05519	0.99216	0.998904	-1.0011	0.133323	0.834621	-1.19815	0.986956	0.998177	-1.00183
cg03287111	GLI2	0.04592	0.0427766	0.336947	-2.96783	0.00146826	0.117407	-8.51735	0.055101	0.362587	-2.75796	0.51936	1.35622	1.35622
cg10950272	GLI3	3.87E-06	0.00122544	0.689599	-1.45012	0.00254244	1.38975	1.38975	0.210519	0.901507	-1.10925	0.701375	0.970175	-1.03074
cg22411165	GLI3	4.95E-05	6.25E-05	0.367308	-2.72251	0.000993372	1.94289	1.94289	0.897823	0.982707	-1.0176	0.000365953	0.460642	-2.17088
cg07413609	GLI3	0.000117136	0.634004	0.862147	-1.15989	0.0236671	2.30569	2.30569	0.0055944	3.08065	3.08065	0.693107	0.884561	-1.1305
cg17347386	GLI3	0.000522717	0.00252605	0.224482	-4.45471	0.000106674	0.0874774	-11.4315	0.00838839	0.301223	-3.3198	0.0455862	0.441826	-2.26334
cg10055593	GLI3	0.00180217	0.000972308	0.323275	-3.09334	0.000264064	0.251837	-3.97083	0.00648737	0.443032	-2.25718	0.204125	0.734664	-1.36117
cg11867461	GLI3	0.0032441	0.00152307	0.425915	-2.34788	0.0121322	0.557298	-1.79437	0.00824515	0.531619	-1.88105	0.00527154	0.502646	-1.98947
cg00362680	GLI3	0.00388693	0.000300222	0.178237	-5.61051	0.0876605	0.575271	-1.73831	0.109557	0.599491	-1.66808	0.140747	0.628325	-1.59153
cg02709068	GLI3	0.00519982	0.136202	1.65628	1.65628	0.000256797	6.62817	6.62817	0.017358	2.48546	2.48546	0.0430832	2.07809	2.07809
cg08828787	GLI3	0.00550921	0.00560845	0.286831	-3.48637	0.0150535	0.358395	-2.79022	0.00971428	0.325183	-3.07519	0.180521	1.62961	1.62961
cg08635064	GLI3	0.00656781	0.0375784	0.576086	-1.73585	0.0195319	0.524561	-1.90635	0.00575643	0.43723	-2.28713	0.000431292	0.279991	-3.57155
cg00279773	GLI3	0.00818814	0.0517801	0.742115	-1.3475	0.735654	0.955365	-1.04672	0.0158762	1.48892	1.48892	0.0631611	0.754565	-1.32527
cg20671274	GLI3	0.00992371	0.0057225	0.446894	-2.23767	0.0631026	1.5916	1.5916	0.0853877	1.52619	1.52619	0.00849717	0.473898	-2.11016
cg18723978	GLI3	0.0111146	0.11708	0.689205	-1.45095	0.405256	0.830125	-1.20464	0.841315	1.0448	1.0448	0.928842	0.980661	-1.01972
cg03868332	GLI3	0.0123997	0.0805126	0.731431	-1.36718	0.243421	0.821255	-1.21765	0.230087	0.816155	-1.22526	0.0242182	0.648247	-1.54262
cg27450153	GLI3	0.0127657	0.594226	0.889245	-1.12455	0.028551	0.568904	-1.75777	0.129433	0.699312	-1.42998	0.00441912	0.436305	-2.29198
cg16577208	GLI3	0.0138353	0.0196774	0.500623	-1.99751	0.0660925	1.65908	1.65908	0.236934	0.737656	-1.35565	0.383955	0.803147	-1.2451
cg26557756	GLI3	0.0154944	0.0202915	0.247414	-4.0418	0.00513565	0.158027	-6.32803	0.297915	0.583573	-1.71358	0.531072	0.72855	-1.37259
cg14646653	GLI3	0.0159075	0.0636149	0.524649	-1.90604	0.0670566	0.529998	-1.8868	0.000768613	0.206893	-4.83341	0.0123498	0.381549	-2.6209
cg09821587	GLI3	0.0192175	0.0853727	0.751435	-1.33079	0.819973	0.966327	-1.03485	0.977917	0.995849	-1.00417	0.160912	0.798497	-1.25235
cg16524701	GLI3	0.022825	0.0482474	0.62449	-1.60131	0.0395249	0.608564	-1.64321	0.102114	0.688538	-1.45235	0.00939446	0.503147	-1.98749
cg16534867	GLI3	0.0245307	0.00767527	0.1674	-5.97371	0.0618844	0.333925	-2.99468	0.0158591	0.214097	-4.67078	0.426453	0.654677	-1.52747
cg25846074	GLI3	0.0352985	0.0893331	0.512017	-1.95306	0.0840224	1.98007	1.98007	0.120805	1.82427	1.82427	0.0250069	0.385627	-2.59318
cg02901002	GLI3	0.036885	0.869419	1.03066	1.03066	0.0180125	1.69449	1.69449	0.509057	0.884324	-1.13081	0.117285	1.36647	1.36647
cg09405612	GLI3	0.039595	0.961818	1.0092	1.0092	0.354851	1.19966	1.19966	0.904245	1.02328	1.02328	0.549533	1.12279	1.12279
cg09906297	GLI3	0.0399741	0.0345627	3.06894	3.06894	0.516218	0.741195	-1.34917	0.864581	1.08076	1.08076	0.0705443	2.50816	2.50816
cg17390350	GLI3	0.0407447	0.850241	0.826415	-1.21005	0.00737917	0.0307342	-32.5371	0.804997	1.2834	1.2834	0.203655	3.87038	3.87038
cg21536074	GLI3	0.0420867	0.0592532	0.342688	-2.91811	0.0649018	0.352587	-2.83618	0.20186	0.50778	-1.96936	0.845866	1.10282	1.10282
cg06310816	GLI3	0.0467415	0.332935	0.410194	-2.43787	0.083098	0.180517	-5.53963	0.375694	2.25053	2.25053	0.182068	3.5385	3.5385
cg10825293	GLI4	0.000357545	0.454996	0.914669	-1.09329	0.0040187	0.635717	-1.57303	0.0135217	0.698881	-1.43086	0.67621	0.951963	-1.05046
cg16007680	GLI4	0.00487473	0.0619943	0.792741	-1.26145	0.243048	0.873703	-1.14455	0.000967142	1.72102	1.72102	0.393379	0.907893	-1.10145
cg20529969	GLI4	0.00966178	0.00507089	0.751649	-1.33041	0.120561	1.13853	1.13853	0.0586373	1.17891	1.17891	0.497455	1.05451	1.05451
cg17130032	GLI4	0.0323614	?	?	?	0.506479	1.6306	1.6306	0.175389	2.84432	2.84432	0.547497	0.643038	-1.55512
cg01554451	GLIPR1	0.00991258	0.926893	0.967357	-1.03374	0.500011	0.780685	-1.28093	0.0103148	0.310752	-3.218	0.0844489	0.501472	-1.99413
cg13500029	GLIPR1	0.0118877	0.0255482	0.576889	-1.73343	0.412208	0.84044	-1.18985	0.0264489	0.579492	-1.72565	0.000396241	0.310537	-3.22023
cg19668034	GLIPR1	0.0477647	0.00920352	0.409233	-2.44359	0.079562	0.591069	-1.69185	0.126109	0.639413	-1.56394	0.93658	0.978726	-1.02174
cg07684809	GLIPR1L1	0.0138148	0.258595	0.69158	-1.44596	0.000434566	0.175487	-5.69844	0.00434929	0.303589	-3.29393	0.619074	0.854872	-1.16977
cg06596075	GLIPR1L1	0.0148989	0.00604265	0.11183	-8.94217	0.0156296	0.163546	-6.11448	0.0802869	0.305656	-3.27165	0.220169	0.454968	-2.19796
cg19430489	GLIPR1L1	0.0379379	0.0157706	0.368121	-2.7165	0.91925	1.03485	1.03485	0.00367269	0.26532	-3.76904	0.0763345	0.513699	-1.94667
cg24234651	GLIPR1L1;GLIPR1L1	0.000584132	?	?	?	0.0234019	0.332942	-3.00353	0.0362294	0.371996	-2.6882	3.40E-05	0.0384103	-26.0347
cg21087137	GLIPR1L1;GLIPR1L1	0.00952939	0.00031521	0.068799	-14.5351	0.326013	0.628164	-1.59194	0.676146	0.824799	-1.21242	0.1808	0.521261	-1.91843
cg02789485	GLIPR1L2	0.00145499	0.0298524	0.533932	-1.8729	0.095777	1.56701	1.56701	0.554861	1.15793	1.15793	0.504437	1.18093	1.18093
cg20291222	GLIPR1L2	0.00614428	0.00225094	0.229545	-4.35645	0.00327823	0.251795	-3.97149	0.0159833	0.362347	-2.75979	0.0974603	0.534792	-1.86988
cg14292619	GLIPR1L2	0.0096754	0.0031646	0.39806	-2.51219	0.572571	0.877867	-1.13912	0.493519	0.853118	-1.17217	0.446927	0.837702	-1.19374
cg02415057	GLIPR1L2	0.025025	0.272666	0.468231	-2.1357	0.001161	0.041978	-23.822	0.0267843	0.174869	-5.71857	0.833168	1.15049	1.15049
cg12351126	GLIPR1L2	0.0369572	0.556944	0.730991	-1.36801	0.301808	0.568779	-1.75815	0.191664	0.482343	-2.07321	0.909972	1.06148	1.06148
cg14062007	GLIPR2	0.00610761	0.125645	1.67242	1.67242	0.976138	1.00932	1.00932	0.000435613	0.178119	-5.61424	0.425355	1.28737	1.28737
cg06658821	GLIPR2	0.00899898	0.621295	1.10942	1.10942	0.249657	0.778128	-1.28513	0.0382922	0.606172	-1.6497	0.213464	0.760968	-1.31412
cg14302936	GLIPR2	0.0204695	0.253846	1.76635	1.76635	0.0166336	4.03964	4.03964	0.0115369	4.51911	4.51911	0.479831	1.40908	1.40908
cg08927728	GLIS1	2.61E-05	0.0065021	1.66885	1.66885	7.07E-05	2.8564	2.8564	0.739547	1.0495	1.0495	0.000310478	2.3331	2.3331
cg20148127	GLIS1	0.00229461	0.000791509	0.334369	-2.99071	0.00565966	0.456408	-2.19102	0.207227	0.750239	-1.33291	0.136788	1.41383	1.41383
cg08711113	GLIS1	0.00344804	0.0697241	0.661876	-1.51086	0.0814828	0.675112	-1.48124	0.0110986	0.523161	-1.91146	0.485824	0.865812	-1.15498
cg16701840	GLIS1	0.00365996	0.00482699	0.410251	-2.43753	0.00924933	0.455112	-2.19726	0.0648965	0.610162	-1.63891	0.737323	1.08353	1.08353
cg15467085	GLIS1	0.0124302	0.965177	0.988398	-1.01174	0.195542	0.693559	-1.44184	0.110981	0.628667	-1.59067	0.063595	1.7463	1.7463
cg13168314	GLIS1	0.0141877	0.031926	0.592326	-1.68826	0.0848738	0.672375	-1.48726	0.00146018	0.383873	-2.60503	0.00551878	0.46775	-2.1379
cg17833902	GLIS1	0.0203338	0.342701	0.721885	-1.38526	0.0383166	2.22601	2.22601	0.0133183	2.77951	2.77951	0.884753	1.04954	1.04954
cg17416233	GLIS1	0.0212275	0.0203144	0.590426	-1.69369	0.00293558	0.463252	-2.15865	0.607813	1.10241	1.10241	0.318487	0.823496	-1.21434

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg08441488	GLRA3;GLRA3	0.00728347	0.2638199	0.8938822	0.2638199	0.8938822	0.1964	1.5826	0.0991996	1.52453	1.32453	0.9049869	1.01875	1.01875	0.01395759	0.6236555	1.602345	0.0153711	0.626672	1.58813	6.88E-05	0.322523	3.10055	0.1036858	1.28603	1.28603	0.47316	0.802744	1.12014	0.10494	4.19331	0.340419	1
cg05990540	GLRA3;GLRA3	0.00793021	0.0192279	0.691426	-1.44629	0.274061	1.15984	1.15984	0.568047	0.927574	-1.07808	0.149483	0.817623	-1.22306	0.026327	0.709476	1.40949	0.60362	0.934033	-1.07063	0.000318998	0.468036	-2.13659	0.06609944	0.76445	-1.30813	0.262303	1.16448	1.16448	0.36166	1.71021	0.238961	1
cg15104299	GLRA3;GLRA3	0.00943919	0.753033	0.959847	-1.04183	0.0133111	1.491	1.491	0.393561	0.892732	-1.12016	0.44113	1.10732	1.10732	0.572375	0.928608	-1.07688	0.73948	0.957595	-1.04428	0.000871156	0.522854	-1.91258	0.0344669	0.726	-1.37741	0.0688582	1.3026	1.3026	6.02049	1.60735	0.237315	1
cg02521102	GLRA3;GLRA3	0.02893941	0.7161607	1.068069	1.068069	0.0257358	1.61912	1.61912	0.00417699	2.01032	2.01032	0.157749	1.31628	1.31628	0.726481	1.065981	1.065981	0.602087	1.10044	1.10044	0.0248469	0.615147	-1.62563	0.279127	0.814876	-1.22718	0.39773	1.17062	1.17062	4.13956	2.170006	0.465977	1
cg19968631	GLRA3;GLRA3	0.03445548	0.0392549	0.625409	-1.59895	0.878476	0.107342	-3.03056	0.482394	1.15083	1.15083	0.357456	0.830096	-1.20468	0.331479	0.821065	-1.21793	0.0039461	0.466277	-2.14465	0.022998	0.583401	-1.71409	0.8144	1.04736	1.04736	0.119236	1.39471	1.39471	3.88915	2.38475	0.545051	1
cg26937239	GLRA3;GLRA3	0.043519	0.947223	1.02053	1.02053	0.0821947	1.80617	1.80617	0.102249	1.73164	1.73164	0.731673	1.13147	1.13147	0.697651	0.88706	-1.12735	0.174839	0.642058	-1.55749	0.002905	0.586258	-1.70455	0.2846	0.513338	1.31901	1.3719	1.3719	0.750694	1.10282	1.50687	3.32386	1.33712	1
cg14726139	GLRA4;TMEM31	0.01136423	0.9790098	0.993809	-1.00623	0.183312	1.39748	1.39748	0.655375	1.11236	1.11236	0.0403667	1.75297	1.75297	0.000436417	0.267768	-3.73458	0.565554	1.14762	1.14762	0.247254	1.33212	1.33212	0.675506	1.10494	1.10494	0.806258	1.05998	1.05998	5.34512	4.7567	0.791036	1
cg18344745	GLRB;GLRB;GLRB	0.00142157	0.765826	1.05435	1.05435	0.0269913	1.48723	1.48723	0.000325944	2.82012	2.82012	0.00551664	1.91399	1.91399	0.756335	0.946111	-1.05696	0.542394	0.89606	-1.116	0.00271119	0.463324	-2.15832	0.4737609	1.15905	1.15905	0.00494804	1.93938	1.93938	10.6427	5.33886	0.449907	1
cg10120856	GLRB;GLRB;GLRB	0.00209508	0.363139	1.17982	1.17982	0.123857	1.34293	1.34293	0.696038	1.07093	1.073563	1.29198	1.29198	1.29198	0.00170358	0.452586	-2.20953	0.00529143	0.521839	1.7682	0.000279881	0.349476	-2.86431	0.0429473	0.662223	-1.51007	0.923137	1.01722	1.01722	5.91218	4.73601	0.440699	1
cg00436905	GLRB;GLRB;GLRB	0.00464595	0.214658	1.16358	1.16358	0.171936	0.844807	-1.1837	0.00179755	1.67373	1.67373	0.527744	1.07702	1.07702	0.0864508	1.24565	1.24565	0.240687	0.867222	-1.15311	0.180975	0.848124	-1.17907	0.881846	1.0174	1.0174	0.000409229	1.91746	1.91746	7.50662	1.59875	0.189365	1
cg04006722	GLRB;GLRB;GLRB	0.01123586	0.850454	1.033575	1.033575	0.0777284	1.9167	1.9167	0.0108785	1.32037	1.32037	0.0242941	1.36446	1.36446	0.0178564	0.7335	-1.3632	0.182405	0.597346	-1.6407	0.0010554	0.502871	-1.98984	0.2132	0.886	1.186	1.186	0.30814	1.46835	1.46835	5.52044	11.5944	1.86091	1
cg07084358	GLRB;GLRB;GLRB	0.0182449	0.424903	1.28251	1.28251	0.980096	1.00765	1.00765	0.00135965	4.13648	4.13648	0.041426	2.05012	2.05012	0.461717	1.25707	1.25707	0.182022	0.648872	-1.54114	0.193284	0.656194	-1.52394	0.265908	1.42472	1.42472	0.0157517	2.46822	2.46822	8.45301	7.16596	1.31253	1
cg11162620	GLRB;GLRB;GLRB;GLRB	0.00836455	0.383705	1.21487	1.21487	0.770115	0.938143	-1.06594	0.381736	1.26257	1.26257	0.788618	1.0603	1.0603	0.70527	0.920535	-1.08632	0.135	0.51982	-1.92402	0.0026	0.436669	-2.29128	0.1998	0.938089	1.01707	1.01707	0.92358	0.9035	0.664884	1.11757	1.11757	12.3758	9.30715	0.664884	1
cg22065614	GLRB;GLRB;GLRB;GLRB;GLRB	0.00150487	0.5871236	0.9366139	-1.06765	0.00827308	1.49652	1.49652	0.07772366	1.26433	1.26433	0.00852488	0.669796	-1.49299	0.747376	0.952135	-1.05019	0.0751268	0.7893001	-1.26694	7.19E-05	0.277179	-3.37092	0.93027	0.959521	-1.04219	0.218621	0.856858	-1.16705	10.4698	2.36363	0.200673	1
cg06488546	GLRB;GLRB;GLRB;GLRB;GLRB	0.012455	0.09051301	0.8161693	-1.2252	0.00711384	1.46025	1.46025	0.0161683	1.33282	1.33282	0.249167	0.877076	-1.14015	0.817381	1.02603	1.02603	0.079798	0.809205	-1.23578	0.098791	1.25969	1.23569	0.969119	0.995793	-1.00422	0.00598871	1.47872	1.47872	5.06551	1.03418	0.166942	1
cg16269431	GLRB;GLRB;GLRB;GLRB;GLRB	0.04535598	0.79343	1.03951	1.03951	0.17315	1.72552	1.23752	0.07662	1.33883	1.33883	0.338388	1.35535	1.35535	0.155382	1.24079	1.24079	0.0147772	0.577413	-1.73186	0.994379	1.00129	1.00129	0.894782	0.976067	-1.02452	0.00613009	0.519582	-1.92463	5.47889	2.58491	0.471794	1
cg04329160	GLRB;GLRB;GLRB;GLRB;GLRB	0.00943919	0.9612	1.00905	1.00905	0.0749153	1.49723	1.49723	0.000325944	2.82012	2.82012	0.00551664	1.91399	1.91399	0.756335	0.946111	-1.05696	0.542394	0.89606	-1.116	0.00271119	0.463324	-2.15832	0.4737609	1.15905	1.15905	0.00494804	1.93938	1.93938	10.6427	5.33886	0.449907	1
cg21155061	GLRX2;GLRX2	0.0385351	0.12739	0.612552	-1.63252	0.758265	0.912306	-1.09612	0.472588	1.2426	1.2426	0.0685595	0.54544	-1.83338	0.00273823	0.292478	-3.41907	0.0154016	0.413127	-2.42056	0.656295	0.877449	-1.14065	0.1396	1.46117	1.46117	0.246617	1.24667	1.24667	0.890035	0.959705	-1.04199	0.733797	5.22739	1.2444	1
cg08544041	GLRX2;GLRX2	0.04433557	0.4926069	1.09326	1.09326	0.0500042	0.751294	-1.33104	0.481352	0.912496	-1.0959	0.944555	0.991141	-1.00894	0.518475	1.08736	1.08736	0.929152	0.988687	-1.01144	0.00170781	1.77368	1.77368	0.676001	0.947644	-1.05525	0.507529	0.917575	-1.08983	1.54519	0.919133	0.230455	1
cg08398452	GLRX2;GLRX2;GLRX2	0.545E-06	0.00188426	0.837156	-1.19463	3.61E-05	1.370549	1.370549	0.000388841	1.30543	1.30543	0.0179442	0.640413	-1.56142	0.000425	0.564564	-1.77094	0.0708004	0.922332	-1.08401	1.24E-06	0.606313	-1.64931	0.2031444	1.05418	1.05418	1.30E-05	1.44253	1.44253	49.7546	1.2639	0.0225802	1
cg17907945	GLRX2;GLRX2;GLRX2	0.0167298	0.3567748	0.8196663	-1.22001	0.103576	0.689091	-1.44946	0.000190638	0.267353	-3.74038	0.480508	0.860314	-1.16237	0.614112	0.898824	-1.11256	0.89166	0.978184	-1.029	0.632465	0.90385	-1.10638	0.861317	1.03737	1.03737	0.353824	0.818613	-1.22158	0.49617	1.48	0.369675	1
cg17976829	GLRX3	0.00166386	0.0726518	1.131527	1.131527	0.0734627	0.0158	1.0158	0.0136	1.13633	1.13633	0.189747	0.934418	-1.08176	0.391598	0.880475	-1.13595	0.833514	0.955061	-1.04709	0.180955	0.775956	-1.28955	0.0635	1.00955	1.00955	0.0455664	0.996302	-1.00803	0.101708	3.35758	2.5944	1.32256	1
cg20139255	GLRX3	0.00034026	0.785199	1.027	1.027	0.769018	0.971693	-1.02913	0.816085	0.977538	-1.02298	0.236361	1.12861	1.12861	0.857974	1.01762	1.01762	0.574292	0.946157	-1.05691	5.12E-05	0.477291	-2.09516	0.128281	0.851873	-1.17388	0.110704	1.18469	1.18469	2.84308	1.2414	0.133865	1
cg26298054	GLRX3	0.00511009	0.125305	0.8704093	-1.14889	0.00557799	1.56618	1.56618	0.134777	1.1444	1.1444	0.0569325	0.850578	-1.19749	0.0469558	1.20954	1.20954	0.223543	0.900788	-1.11014	0.0273684	0.809439	-1.23493	0.0400543	1.02356	1.02356	0.0625564	1.05599	1.05599	0.0509544	1.32348	0.70542	0.799	1
cg18986589	GLRX3	0.00563234	0.0583731	0.8651192	-1.15595	0.0127357	0.966545	-1.03461	0.0855464	1.08499	1.08499	0.0129232	0.910952	-1.09782	0.0167551	1.47765	1.47765	0.0858249	0.914062	-1.09375	0.0134603	0.700464	-1.42807	0.0184824	1.04145	1.04145	0.0139451	0.914525	-1.09351	0.0238742	1.75585	1.32348	0.70567	0.724299	1
cg05953020	GLRX3	0.01467554	0.6369151	0.9149907	-1.09301	0.1086323	0.7250055	-1.37921	0.744633	0.941722	-1.06188	0.435553	1.15737	1.15737	0.771344	0.947872	-1.05499	0.775188	0.948754	-1.05401	0.000199895	0.317531	-3.14929	0.749296	1.06067	1.06067	0.265294	0.807933	-1.23773	2.51827	2.78942	0.475155	1
cg24582500	GLRX3	0.0147662	0.3759063	0.8678312	-1.15232	0.1378267	0.73164	-1.42523	0.0313476	1.08748	1.08748	0.0132859	0.918388	-1.08882	0.0132006	1.48108	1.48108	0.0161502	0.96412	-1.03705	0.0090305	0.740758	-1.35025	0.0177758	1.04773	1.04773	0.0119238	-1.14268	0.66466	0.0127369	1.38242	0.92767	2.00831	0.942975	1
cg16194540	GLRX3	0.0232293	0.00315305	0.67754	-1.47593	0.490428	1.06092	1.06092	0.196291	1.1042	1.14092	0.0894485	0.834712	-1.19802	0.0223018	1.30518	1.30518	0.905613	1.02483	1.02483	0.0205564	0.702468	-1.42355	0.526567	1.06387	1.06387	0.176518	1.13585	1.14954	0.658968	0.131054	1
cg13551115	GLRX5;SNHG10;SCARNA13;SNHG10	0.00011846	6.12E-05	0.312499	-3.20001	0.256341	1.20477	1.20477	0.000830081	1.68903	1.68903	0.426449	1.13619	1.13619	0.237325	0.823123	-1.21489	0.000223602	0.380681	-2.62687	0.586-05	0.307826	-3.24859	0.0199684	1.55514	1.55514	0.657089	1.07278	1.07278	21.1581	8.28422	0.348035	1
cg26007049	GLRX5;SNHG10;SCARNA13;SNHG10	0.00218109	0.1223375	0.8098104	-1.23479	0.2173254	1.19125	1.19125	0.0010338	1.88841	1.88841	0.130543	1.32543	1.32543	0.0179442	0.640413	-1.56142	0.0708004	0.922332	-1.08401	4.75E-05	0.161223	-6.20159	0.0002193	1.05418	1.05418	0.00021437	1.51739	1.51739	0.0775659	0.626741	0.444496	0.789493	1
cg24684394	GLRX5;SNHG10;SNHG10	0.00491533	0.89308	1.05021	1.05021	0.0296963	2.54026	2.54026	0.693331	0.865559	-1.15532	0.0227725	0.370512	-2.69897	0.399117	0.730178	-1.36953	0.000121727	0.0867922	-11.5218	0.0613175	0.104685	0.56495	0.541646	0.798461	-1.25241	0.594717	0.822333	-1.21605	7.37694	15.5046	1.86824	1
cg23121301	GLRX5;SNHG10;SCARNA13;SNHG10	0.0094572	0.700442	1.06207	1.06207	0.1233624	1.24627	1.24627	0.0195856	1.30334	1.30334	0.0178574	0.765747	-1.30576	0.0178574	0.95827	-1.04364	0.789562	1.13396	1.13396	0.0477931	0.688215	0.645653	-1.54882	0.2154451	1.08815	1.08815	0.0456013	1.14187	1.14187	0.0445744	0.844744	0.842683	1.29256	1
cg18668382	GLRX5;SNHG10;SNHG10	0.00227013	0.618252	1.10386	1.10386	0.0624683	1.51044	1.51044	0.0173152	1.76851	1.76851	0.075743	0.677879	-1.47519	0.287138	1.24283	1.24283	0.000449586	0.33676	-2.96947	0.0956187	1.43341	1.43341	0.402057	1.08425	1.08425	0.0274258	-2.34881	0.409568	0.847146	-1.18043	9.29152	5.69292	0.544622	1
cg13186710	GLRX5;SNHG10;SNHG10	0.0191555	0.114989	0.789775	-1.26618	0.0276646	0.997231	-1.43119	0.136479	0.801784	-1.24722	0.555949	1.08547	1.08547	0.628437	0.960946	1.06946	0.071547	0.211827	-4.72185	0.0013341	0.152475	0.00939658	0.56582	1.56582	0.873485	0.978295	-1.02219	0.477388	1.4337	0.266954	1
cg28829116	GLRX5;SNHG10;SNHG10	0.00226171	0.0088669	0.7191	-1.39058	0.0026899	1.10222	1.10222	0.0157611	1.1444	1.1444	0.0566325	0.739739	1.35135	0.0157611	1.14407	1.14407	0.0406-05	0.60619	1.65019	1.09073	0.000974	0.0003	3.33333	0.0157611	1.14407	1.14407	0.0406-05	0.60619	1.65019	1.09073	0.000974	0.0003	3.33333	1
cg22689909	GLRX;GLRX	0.00044825	0.00044159	0.387479	-2.58079	0.771077	1.05112	1.05112	0.00808494	0.560144	-1.78525	0.00110892	0.439905	-2.27322	0.000319453	0.36954	-2.70607	0.884477	0.975464	-1.02515	0.0015415	0.459152	-2.17793	0.00366039	1.95718	1.95718	0.160256	0.773385	-1.29219	14.7296	6.81096	0.411023	1
cg24854081	GLRX5;GLRX;GLRX;GLRX	0.0140467	0.1713751	0.8231	-1.21479	0.1302231	0.9842	1.02357	0.0034281	1.62302	1.62302	0.0034281	0.65046	-1.53737	0.0034281	0.65046	-1.53737	0.175542	0.7139	-1.40062	0.0047725	0.663803	0.5824	0.717436	1.10028	1.10028	0.0034281	1.10541	1.10541	0.643752	2.1183	0.464291	1
cg05607461	GLS	0.0113274	0.769266	0.99359	1.00959	0.00537133	0.194387	-5.14437	0.82637	0.935364	-1.0691	0.822807	0.406896	-2.45768	0.675751	1.1366	1.1366	0.332341	0.737733	-1.3555	0.215673	0.677277	-1.48638	0.964614	0.986597	-1.01358	0.0275616	2.00902	2.00902	5.67854	8.31976	1.30233	1
cg06552369	GLS	0.0294848	0.627481	1.20546	1.20546	0.4548111	0.746744	-1.33915	0.0218982	0.325363	-3.07349	0.233356	0.616066	-1.6232	0.00459073	0.200533	-4.9867	0.079162	2.15871	2.15871	0.586966	0.810791	-1.23336	0.147382	1.83656	1.83656	0.147031	1.83772	1.83772	15.4576	12.2903	1.46018	1
cg03839495	GLS	0.0212925	0.1021267	1.1523	1.1523	0.2337023	0.9	1.11111	0.0266-05	2.3244	2.3244	0.0776638	0.836588	-1.19554	0.0266-05	2.3244	2.3244	0.320023	1.25209	1.25209	0.0433725	0.798554	-1.3594	0.228099	1.58423	1.58423	0.0266-05	2.3244	2.3244	7.71684	2.71	0.349	1
cg03661409	GLS	0.0181919	0.0368399	0.7625302	-1.25861	0.283642	0.626104	-1.59718	0.0131694	0.276298	-3.61928	0.155642	0.529529	-1.88847	0.00633744	0.225978	-4.42521	0.0274404	0.355077	-2.97905	0.28474	0.628133	-1.59202	0.0315025	0.348012	-2.87347	0.0438762	0.379036	-2.63602	7.46232	10.3903	2.46537	1
cg10386450	GLS	3.44E-07	1.57E-08	4.109999	0.2434	1.2434	0.0002	2.5641	0.0002	2.5641	0.0002	2.5641	0.0002	2.5641	0.0002	2.5641	0.0002	0.00134364	0.0003	3.448-04	0.0003	3.448-04	0.0003	3.448-04	0.0003	3.448-04	0.0003	3.448-04	0.0003	3.448-04	0.0003	3.448-04	0.0003	3.448-04	0.0003	3.448-04	1
cg19781472	GLS2	0.00035908	0.108684	0.715711	-1.39721	0.133715	1.36233	1.36233	0.144852	1.34897	1.34897	0.433871	0.858424	-1.16492	8.06E-06	0.15477	-6.46119	0.020027	0.691949	-1.44519	0.00738858	1.93445	1.93445	0.218044	1.28107	1.28107	0.500818	0.877546	-1.13954	15.6499	9.05794	0.514475	1
cg24678505	GLS2	0.00419713	0.0002329	0.376678	-2.65611	0.0138253	1.07437	1.07437	0.0158	1.29624	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1.29624	0.0158	1
cg04679587	GLS2	0.00076171	0.0103798	1.85252	1.85252	0.000226943	1.32429	1.32429	0.0550582	1.51517	1.51517	0.4-07105	0.31957	1.32498	0.12972	1.12972	1.12972	0.145316	0.746042	-1.34018	0.500171	0.74526	1.52956	1.84157	1.00705	1.00705	0.961206	1.7342	1.7342	5.53128	1.7342	0.513628	1
cg22849059	GLS2	0.00718681	0.0399411	2.29338	2.29338	0.00785786	3.29435	3.29435	0.0108706	3.05806	3.05806	0.0609712	2.09214	2.09214	0.0446672	2.23816	2.23816	0.0546679	2.14232	2.14232	0.000385504	7.24154	7.24154	0.00882335	3.20743	3.20743	0.0792046	1.97621	1.97621	6.56097	12.6963	1.72011	1
cg19652305	GLS2	0.0145975	0.4595576	1.44537	1.44537	0.0119289	4.64079	4.64079	0.0602-05	2.12103	2.12103	0.0499342	2.98558	2.98558	0.177139	0.495754	-2.0173	0.078579	0.184524	-2.60602	0.0174969	0.373282	-2.67884	0.0128764	1.37765	1.37765	0.0739346	1.55972	1.55972	6.42838	16.1742	3.9091	1
cg27458327	GLS2	0.0285973	0.0327619	0.464421	-2.15322	0.31841	0.594216	-1.68289	0.00457776	0.313762	-3.18733	0.0812611	0.552425	-1.8102	0.0214934	0.428253	-2.33507	0.005975734	0.33173	-3.0145	0.274364	0.705235	-1.41797	0.257197	0.695529	-1.43776	0.0388289	0.479747	-2.08443	4.15672	2.067	1.32726	1
cg20877153	GLS2	0.0318424	0.4122308	0.8647382	-1.15636	0.0266807	1.57623	1.57623	0.31818	1.19568	1.19568	0.208651	0.794801	-1.25818	0.652646	1.04881	1.04881	0.570278	1.05574	1.05574	0.440526	0.759665	-1.31637	0.077287	0.995079	-1.00495	0.00834636	1.99099	1.99099	5.74644	1.78204	0.422683	1
cg21497043	GLS;GLS	0.0202615	0.249451	1.38333	1.38333	0.127587	2.40489	2.40489	0.0078	2.17389	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	2.17389	0.0078	1
cg02846648	GLT1D1	2.88E-06	0.859176	1.00955	1.00955	5.03E-05	0.655626	-1.50234	1.17E-06	0.509881	-1.96124	0.200004	0.107147	0.711827	0.0192016	-2.07294	0.0381517	0.879294	-1.13728	5.17E-07	0.215572	0.011557	0.714753	0.898966	-1.11239	0.00981103	0.839662	-1.19096	55.9184	2.53772	0.04014	1
cg02612335	GLT1D1	0.00014949	0.00227741	0.6139	-1.62917	0.0023624	1.08674	1.08674	0.0127155	1.23215	1.23215	0.266753	0.813439	0.00449328	0.0004-05	0.10696	-9.34573	0.000144823	0.26964	-3.70923	0.0004-05	0.10696	0.0004-05	0.10696	0.0004-05	0.10696	0.0004-05	0.10696	0.0004-05	0.10696	0.0004-05	0.10696	0.0004-05	0.10696	0.0004-05	0.10696	1
cg07788024	GLT1D1	0.00124807	0.1105908	1.38759	1.38759	0.165825	0.577282	-1.73226	0.876019	1.02984	1.02984	0.810196	1.04636	1.04636	4.27E-05	0.231051	-4.32805	0.177935	0.763659	-1.30948	0.247094	1.25603	1.25603	0.898668	0.976289	-1.02429	0.00234864	0.449498	-2.2247	11.0472	6.20723	0.499453	1
cg09144604	GLT1D1	0.0016328	0.33969	1.09596	1.09596	0.107832	1.10832	1.10832	0.0944078	1.11368	1.11368	0.609177	0.970234	-1.03068	8.42E-05	0.560724	-1.51349	0.036476	0.860935	-1.15349	0.0116689	1.18683	1.18683	0.877202	1.00686	1.00686	0.0250315	0.855039	-1.16831	10.2263	6.556218	0.648374	1
cg06419756	GLT1D1	0.00243084	0.00150766	0.1024	-9.76558	0.243675	1.84197	1.84197	0.0609393	0.348973	-2.86557	0.57193	1.32934	1.32934	0.0258048	1.12464	0.821058	0.028689	0.276228	-3.61707	0.0236913	0.270438	-3.69698	0.0206398	0.743918	-1.34473	0.0263041	0.260498	-3.83881	0.0886396	1.90122	2.55021	10.1687	15.8325	3.49748	1
cg02504820	GLT1D1	0.00314707	0.73503	1.14765	1.14765	0.882978	1.06153	1.06153	0.0322397	0.361773	-2.76436	0.524393	0.769862	-1.29893	9.52E-05	0.0597529	-16.7356	0.481626	0.748281	-1.3364	0.0618932	2.34524	2.34524	0.162695	1.8298	1.8298	0.0270936	0.348785	-2.8671	8.43725	21.9635	2.31392	1
cg04590902	GLT1D1	0.0153803	0.6858	1.08794	1.08794	0.4644707	1.49723	1.49723	0.0411	1.19723	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1.19723	0.0411	1
cg13405882	GLT1D1	0.00481403	0.0213845	0.437737	-2.28447	0.246115	1.43678	1.43678	0.661209	1.14083	1.14083	0.084072	1.77017	1.77017	0.000442	0.190604	-5.24648	0.093135	0.576869	-1.73451	0.728405	0.911929	-1.09693	0.0031542	1.29575	-3.33806	0.428118	0.785286	-1.27342	9.42391	10.4956	1.25667	1
cg01144078	GLT1D1	0.00669459	0.0267964	0.7556	-1.32339	0.0822	1.46434	1.46434	0.0127274	1.28655	1.28655	0.0453524	1.4684	1.4684	0.0019249	0.700154	-1.42792	0.0078944	0.709894	0.707894	0.0003	0.707894	0.707894	0.0003	0.707894	0.0003	0.707894	0.0003	0.707894	0.0003	0.707894	0.0003	0.707894	0.0003	0.707894	0.0003	1
cg19863592	GLT1D1	0.00698593	0.0657881	1.35413	1.35413	0.183174	0.811921	-1.23165	0.255702	1.19034	1.19034	0.308151	1.16739	1.16739	0.625451	0.930308	1.07491	0.239047	1.19849	1.19849	1.00696915	0.598962	-1.66955	0.000690197	0.467342	-2.13976	0.0922285	0.761744	-1.31278	6.61927	2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15389472	GLUL;GLUL;GLUL	1.37E-05	0.601603	0.945005	-1.0582	3.39E-06	3.24084	3.24084	0.476984	0.925292	-1.08074	0.00286768	1.55344	1.55344	7.04E-05	0.458974	-2.17877	0.0352729	1.30119	1.30119	0.000219835	0.516217	-1.93717	5.36E-05	2.24592	2.24592	0.798768	1.02781	1.02781	37.4044	6.83065	0.162326	1
cg07386190	GLUL;GLUL;GLUL	0.000527965	0.0342008	0.653117	-1.53112	0.440272	1.14532	1.14532	0.271334	1.21825	1.21825	0.320037	1.1938	1.1938	0.0215383	0.62132	-1.60948	0.210175	1.25565	1.25565	1.23E-05	0.204091	-4.89977	0.330307	0.840987	-1.18908	0.0278876	1.5651	1.5651	14.0762	6.6256	0.418395	1
cg07908229	GLUL;GLUL;GLUL	0.000743927	0.00190716	1.60793	1.60793	3.44E-05	2.37609	2.37609	0.0219308	1.34574	1.34574	0.672645	1.04697	1.04697	0.727963	0.962986	-1.03844	0.0844456	0.813709	-1.22894	0.017754	0.732441	-1.3653	0.194216	1.15991	1.15991	0.229495	1.1459	1.1459	12.7907	2.36329	0.164236	1
cg26430597	GLUL;GLUL;GLUL	0.00277202	0.245115	0.709736	-1.40898	0.0168652	0.43947	-2.27547	0.269392	0.722987	-1.38315	0.0581538	1.82915	1.82915	0.000872685	0.24461	-4.08814	0.00713122	0.375298	-2.66455	0.000696965	0.232543	-4.30028	0.530536	1.19623	1.19623	0.0392249	0.510267	-1.95976	8.76096	11.035	1.11962	1
cg09470059	GLUL;GLUL;GLUL	0.00280553	?	?	?	0.000760309	3.54754	3.54754	0.231527	0.732408	-1.36536	0.513252	1.17885	1.17885	0.00484903	0.395732	-2.52696	0.172922	1.43321	1.43321	0.0606266	0.591588	-1.69036	0.00716798	2.36682	2.36682	0.599428	0.876761	-1.14056	8.92536	7.73799	0.866967	1
cg27525037	GLUL;GLUL;GLUL	0.00341432	0.0111734	0.594916	-1.68091	0.436913	1.13828	1.13828	0.0814246	1.37086	1.37086	0.225568	0.812329	-1.23103	0.00231536	0.499068	-2.00374	0.000346174	0.390583	-2.56028	0.391335	1.15423	1.15423	0.0612787	0.708657	-1.41112	0.457644	0.8838	-1.13148	8.23462	3.47852	0.375491	1
cg15114328	GLUL;GLUL;GLUL	0.00560974	0.0993799	1.78497	1.78497	0.000472872	5.82074	5.82074	0.111787	1.74285	1.74285	0.00146298	4.36603	4.36603	0.575489	1.19899	1.19899	0.00655793	3.10406	3.10406	0.481834	1.25775	1.25775	0.00937736	2.87686	2.87686	0.200229	1.54347	1.54347	7.08442	11.5451	1.44857	1
cg12535596	GLUL;GLUL;GLUL	0.00954627	0.0198251	0.85152	-1.17437	0.000475493	0.730878	-1.36822	0.84981	1.01089	1.01089	0.4559	1.04435	1.04435	0.0553905	1.13211	1.13211	0.796021	0.985307	-1.01491	0.280072	1.06626	1.06626	0.181815	0.922208	-1.08435	0.212212	0.927665	-1.07798	5.9989	0.310216	0.0459663	1
cg24868926	GLUL;GLUL;GLUL	0.0173881	0.0410241	0.542294	-1.84402	0.0310981	0.518563	-1.9284	0.304482	1.31783	1.31783	0.214211	0.71221	-1.40408	0.0241337	0.497645	-2.00947	0.0102706	0.431926	-2.31521	0.297378	0.755502	-1.32362	0.046244	1.80876	1.80876	0.144106	1.50268	1.50268	4.93207	5.26121	0.948209	1
cg08104845	GLUL;GLUL;GLUL	0.0285055	0.0159725	2.17464	2.17464	0.0829929	1.65777	1.65777	0.284024	0.745961	-1.34055	0.0056863	2.59911	2.59911	0.216736	1.40815	1.40815	0.0377613	1.88606	1.88606	0.0171764	2.1483	2.1483	0.806934	0.937558	-1.0666	0.352863	1.28626	1.28626	4.16144	4.57039	0.97624	1
cg13086581	GLUL;GLUL;GLUL;GLUL	0.0295075	?	?	?	0.0148966	3.13113	3.13113	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.384912	0.741992	-1.34772	7.73216	2.71203	0.876868	1
cg01419479	GLUL;GLUL;GLUL;GLUL;GLUL	0.000923	0.00239235	0.619724	-1.61362	0.0126346	0.704305	-1.41984	0.385692	0.904342	-1.10578	0.000101996	2.17722	2.17722	0.483315	1.08388	1.08388	0.0245687	0.738776	-1.35359	0.0791801	1.24652	1.24652	0.101942	1.22434	1.22434	0.25951	1.14224	1.14224	12.0366	2.43691	0.179964	1
cg20492121	GLUL;GLUL;GLUL;GLUL;GLUL	0.00424492	0.0138861	0.805875	-1.24089	0.000329003	1.50961	1.50961	0.496572	1.05024	1.05024	0.195434	0.907353	-1.10211	0.0393635	0.844302	-1.18441	0.997622	1.00021	1.00021	0.058901	0.859442	-1.16355	0.329976	1.07399	1.07399	0.163625	1.11133	1.11133	7.71286	0.615841	0.0709743	1
cg15568107	GLYAT	0.0133535	0.00494601	0.149144	-6.70493	0.00987643	0.188854	-5.2951	0.105961	0.405466	-2.4663	0.999396	0.999613	-1.00039	0.0219065	0.245157	-4.07902	0.0124408	0.203895	-4.90448	0.00724779	0.170142	-5.87743	0.018787	0.233292	-4.28647	0.0280197	0.265299	-3.76933	5.38271	22.2813	3.67948	1
cg08998189	GLYAT	0.0381211	0.00710199	0.132996	-7.51904	0.972525	1.02018	1.02018	0.227	0.479147	-2.08704	0.350837	0.57292	-1.74544	0.0362975	0.243676	-4.10381	0.0095451	0.14895	-6.71367	0.0832957	0.328858	-3.04083	0.0598708	0.291832	-3.42663	0.023904	0.209443	-4.77456	3.74877	19.9777	4.737	1
cg18804199	GLYAT;GLYAT	8.63E-05	2.65E-05	0.104382	-9.58015	0.000265968	0.196281	-5.09474	0.000144534	0.168618	-5.93055	0.726395	1.10025	1.10025	0.190463	0.685886	-1.45797	0.000290351	0.20046	-4.98852	0.00721856	0.389508	-2.56734	0.0275413	0.492251	-2.03148	2.38E-05	0.100963	-9.90466	23.0304	26.9758	1.04117	1
cg02526508	GLYAT;GLYAT	0.00334554	0.00146367	0.302063	-3.31056	0.182138	0.691437	-1.44626	0.00186023	0.316462	-3.15993	0.00145839	0.301849	-3.31291	0.00318115	0.350051	-2.85673	0.0445593	0.548254	-1.82397	0.00915824	0.422149	-2.36883	0.0901797	0.614723	-1.62675	0.00442764	0.37172	-2.6902	8.28483	8.90856	0.955809	1
cg10405729	GLYAT;GLYAT	0.0473595	0.0127826	0.0854094	-11.7083	0.0207621	0.109223	-9.15555	0.0578306	0.181586	-5.50705	0.0997747	0.238156	-4.19893	0.0744346	0.205764	-4.85993	0.029089	0.129255	-7.73666	0.0393598	0.150149	-6.66003	0.0396318	0.150661	-6.6374	0.0673499	0.195806	-5.10709	3.45846	34.6591	8.90803	1
cg03595672	GLYATL1	0.00204826	0.427984	0.831659	-1.20242	0.0112879	2.06025	2.06025	0.000198053	0.240683	-4.15484	0.0956354	0.659053	-1.51733	0.0173939	0.517048	-1.93406	0.00437643	0.420236	-2.37962	0.0145095	0.503603	-1.98569	0.103276	0.666373	-1.50066	0.0343156	0.569843	-1.75487	9.57512	7.86831	0.73044	1
cg19392335	GLYATL1	0.0102653	0.00278391	0.0662131	-15.1028	0.566623	0.682908	-1.46433	0.0303125	0.187005	-5.34744	0.0207966	0.160052	-6.24795	0.00376235	0.0761512	-13.1318	0.587366	0.697138	-1.43444	0.00314435	0.0700916	-14.267	0.293482	0.487959	-2.04935	0.0198563	0.157002	-6.36935	5.86129	40.2465	6.10356	1
cg22133378	GLYATL1	0.0150166	0.101258	0.474661	-2.10677	0.018701	0.306231	-3.26551	0.00203587	0.164298	-6.0865	0.119902	0.496272	-2.01502	0.00438685	0.206022	-4.85386	0.543704	0.774745	-1.29075	0.71284	1.16591	1.16591	0.017169	0.29941	-3.3399	0.938474	1.03258	1.03258	5.17881	14.1434	2.42757	1
cg14691356	GLYATL1	0.0187777	0.582044	1.12312	1.12312	0.0107702	1.9527	1.9527	0.702663	0.923012	-1.08341	0.62918	1.10698	1.10698	0.0024522	0.41468	-2.4115	0.63476	1.10513	1.10513	0.0276915	1.72233	1.72233	0.328636	0.810095	-1.23442	0.99745	1.00067	1.00067	4.80613	3.3211	0.614233	1
cg21535655	GLYATL2	7.23E-05	0.178841	0.77666	-1.28756	0.000725055	0.402616	-2.48376	0.00784714	0.546744	-1.82901	0.276162	0.818344	-1.22198	6.64E-05	0.274095	-3.64837	9.15E-06	0.183036	-5.46341	3.71E-05	0.245768	-4.06888	0.000315682	0.355969	-2.80924	0.423908	0.865421	-1.15551	24.1422	11.9757	0.440933	1
cg09235983	GLYATL2	0.000184892	0.246891	0.785657	-1.27282	0.000748862	0.360943	-2.77052	0.00453286	0.47073	-2.12436	0.295572	0.805651	-1.24123	0.00903361	1.93713	1.93713	0.439118	0.854518	-1.17025	0.00727569	0.501718	-1.99315	1.45E-05	0.165877	-6.02856	0.00027256	0.304669	-3.28225	18.7663	11.7979	0.558823	1
cg19689828	GLYATL2	0.00112769	0.00379165	0.196528	-5.08832	0.400612	1.43108	1.43108	0.00197511	0.16184	-6.17893	0.256137	0.610294	-1.63855	0.00131692	0.142662	-7.00956	0.00955606	0.25482	-3.92434	0.00661531	0.230239	-4.34331	0.000171927	0.0700064	-14.2844	0.00352847	0.192457	-5.19596	11.3715	31.2562	2.44324	1
cg24593866	GLYATL2	0.0038037	0.342025	0.858833	-1.16437	0.289478	0.8429	-1.18638	0.000204908	0.380177	-2.63035	0.997157	0.999446	-1.00055	0.00141627	0.487719	-2.05036	0.956635	0.991583	-1.00849	0.774262	1.04571	1.04571	0.00469143	0.55756	-1.79353	0.194672	0.807955	-1.23769	7.97233	3.05084	0.340159	1
cg03827705	GLYATL2	0.00539484	0.242379	1.25631	1.25631	0.808078	0.955629	-1.04643	0.0820828	0.698186	-1.43228	0.0343996	1.58435	1.58435	0.365936	0.840939	-1.18915	0.0512583	0.661031	-1.51279	0.0116934	1.79957	1.79957	0.000579125	0.370557	-2.69864	0.798464	0.953403	-1.04887	7.1699	3.94957	0.489648	1
cg16547859	GLYATL2	0.00543511	0.100361	0.728448	-1.37278	0.0244897	0.623948	-1.6027	0.566757	0.903104	-1.10729	0.172398	1.29128	1.29128	0.578598	0.905962	-1.1038	0.151466	1.31065	1.31065	0.061174	1.44969	1.44969	0.000495379	0.38301	-2.6109	0.0139509	0.585963	-1.70659	7.15356	3.51008	0.436156	1
cg18551877	GLYATL2	0.00892863	0.000611935	0.1446	-6.91562	0.893519	0.952118	-1.05029	0.0272435	0.3839	-2.60485	0.2345	0.633445	-1.57867	0.0113613	0.313138	-3.19349	0.224498	0.626583	-1.59596	0.266949	0.654591	-1.52767	0.0518118	0.444505	-2.24969	0.00250238	0.214671	-4.65829	6.12783	13.0279	1.88979	1
cg00236150	GLYATL3	0.00113505	0.00688402	0.377398	-2.64972	0.0880575	0.591985	-1.68923	0.47001	0.814886	-1.22717	0.117084	0.622417	-1.60664	0.756186	0.91691	-1.09062	0.0719316	1.74982	1.74982	2.04E-05	0.0909342	-10.997	0.94797	0.981988	-1.01834	0.618432	1.1501	1.1501	11.3505	13.9448	1.09206	1
cg10525952	GLYATL3	0.0145542	0.0595566	1.29402	1.29402	0.636556	1.05939	1.05939	0.427701	1.10313	1.10313	0.0913943	1.25275	1.25275	0.351722	1.12319	1.12319	0.0217424	1.39641	1.39641	0.00174736	1.71747	1.71747	0.0926359	0.799066	-1.25146	0.0678389	0.780412	-1.28137	5.23258	1.21764	0.206848	1
cg17417347	GLYATL3	0.0164406	0.0250413	0.458709	-2.18003	0.0225014	0.449786	-2.22328	0.017228	0.42812	-2.3358	0.169998	0.652283	-1.53308	0.00363564	0.31655	-3.15906	0.80963	0.931876	-1.0731	0.0029667	0.303571	-3.29412	0.216652	0.683823	-1.46237	0.0479581	0.516349	-1.93667	5.02532	6.80207	1.20316	1
cg19966146	GLYATL3	0.020798	0.0123806	1.99089	1.99089	0.0101517	0.488181	-2.04842	0.0667733	0.63474	-1.57545	0.15858	1.39556	1.39556	0.379772	1.22051	1.22051	0.189733	1.3596	1.3596	0.101423	1.48681	1.48681	0.171997	0.725033	-1.37925	0.437832	0.839434	-1.19128	4.64232	3.59613	0.68857	1
cg10593994	GLYATL3	0.0474094	0.014474	0.128048	-7.80955	0.055744	0.227963	-4.38667	0.0834241	0.270585	-3.6957	0.0694055	0.250184	-3.99707	0.00589453	0.0856312	-11.678	0.0919854	0.28214	-3.54435	0.501303	0.627775	-1.59293	0.0957933	0.287095	-3.48317	0.0419029	0.202003	-4.95043	3.45709	25.4776	6.55081	1
cg00332067	GLYCAM1	0.00010298	0.00439067	0.441675	-2.26411	0.011971	0.509887	-1.96122	4.64E-05	0.191697	-5.21658	0.00605756	0.462976	-2.15994	0.176473	0.734393	-1.36167	0.100399	0.679316	-1.47207	1.72E-05	0.150519	-6.64369	1.86E-05	0.153557	-6.51225	0.268503	0.780674	-1.28094	21.9673	16.0577	0.649762	1
cg11324420	GLYCAM1	0.0268466	0.296914	0.684391	-1.46115	0.328001	0.701836	-1.42483	0.0111822	0.327941	-3.04932	0.290252	0.680525	-1.46945	0.00936339	0.314894	-3.17567	0.0483454	0.45335	-2.2058	0.194485	0.617979	-1.61818	0.00265165	0.232688	-4.29761	0.774596	1.10593	1.10593	4.25015	8.27731	1.73114	1
cg10434824	GLYCAM1	0.0438082	0.652239	0.851595	-1.17427	0.342974	1.41335	1.41335	0.0872774	0.512445	-1.95143	0.241967	1.54293	1.54293	0.414025	0.744013	-1.34406	0.0669169	0.483195	-2.06956	0.380243	0.727071	-1.37538	0.00194772	0.211894	-4.71933	0.699456	0.871646	-1.14725	3.56107	7.07247	1.76538	1
cg12147921	GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK	0.0031171	0.034868	0.720032	-1.38883	0.00367317	1.68979	1.68979	0.0538462	1.33963	1.33963	0.167708	1.21703	1.21703	0.00102418	0.521953	-1.91588	0.847049	1.02613	1.02613	0.0593943	0.752573	-1.32877	0.0270383	0.704927	-1.41859	0.259291	1.17022	1.17022	8.46131	2.39091	0.251173	1
cg05882673	GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK	0.0126427	0.183831	1.10582	1.10582	0.0452368	1.17808	1.17808	0.000933969	1.42247	1.42247	0.165212	1.11138	1.11138	0.215444	1.09748	1.09748	0.00211189	1.3612	1.3612	0.0488817	1.17404	1.17404	0.0542417	1.16864	1.16864	0.909994	0.991965	-1.0081	5.47974	0.441689	0.0716481	1
cg17386185	GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK	0.0280744	0.0121124	0.415952	-2.40412	0.720489	1.10602	1.10602	0.476563	1.22507	1.22507	0.206127	0.68796	-1.45357	0.0167438	0.440892	-2.26813	0.124314	0.62705	-1.59477	0.00654242	0.37128	-2.69339	0.117851	0.621088	-1.61008	0.0270668	0.479989	-2.08338	4.18387	5.21209	1.10734	1
cg01871498	GLYR1	0.00140839	0.0313214	0.478521	-2.08977	0.00435962	0.329111	-3.03849	0.00710199	0.362455	-2.75897	0.196063	1.49023	1.49023	0.00302667	0.305506	-3.27326	0.00107263	0.244167	-4.09555	0.000594939	0.212918	-4.69664	0.155988	1.55721	1.55721	0.0197727	0.439862	-2.27344	10.6712	14.3906	1.1987	1
cg08661874	GLYR1	0.00874777	0.0945521	1.70585	1.70585	0.00105437	0.24461	-4.08814	0.00281301	0.302361	-3.3073	0.529785	1.20321	1.20321	0.388024	0.773273	-1.2932	0.0960536	0.587909	-1.70094	0.0244786	0.458909	-2.17908	0.367519	0.764128	-1.30868	0.238913	0.698753	-1.43112	6.1677	8.25052	1.18906	1
cg01661307	GLYR1	0.0159268	0.496752	1.12944	1.12944	0.003126	0.490262	-2.03972	0.311257	0.831268	-1.20298	0.424875	1.1546	1.1546	0.621628	1.09172	1.09172	0.0219292	0.615712	-1.62414	0.706781	1.06894	1.06894	0.191892	0.783727	-1.27596	0.00284137	0.484438	-2.06425	5.07874	2.503	0.438079	1
cg27023595	GLYR1	0.0259062	0.320795	1.43655	1.43655	0.075952	0.497873	-2.00855	0.0336972	0.4165	-2.40096	0.807239	0.917299	-1.09016	0.0447574	0.443281	-2.2559	0.0755192	0.497245	-2.01108	0.00124386	0.189004	-5.29088	0.587302	0.824055	-1.21351	0.297817	0.683095	-1.46393	4.3035	8.49926	1.75552	1
cg26586669	GLYR1	0.0429152	0.245845	1.20503	1.20503	0.246153	1.20487	1.20487	0.011782	1.62151	1.62151	0.0664106	1.3721	1.3721	0.562465	0.913946	-1.09416	0.085284	1.33955	1.33955	0.308415	1.17585	1.17585	0.00421784	1.80174	1.80174	0.0557085	1.39533	1.39533	3.58849	1.34197	0.332415	1
cg02360175	GLYR1	0.0457847	0.0784459	0.522589	-1.91355	0.0308701	0.431031	-2.32002	0.0549789	0.485563	-2.05947	0.594489	0.836626	-1.19528	0.0110472	0.347096	-2.88104	0.0406034	0.456149	-2.19227	0.01284	0.35849	-2.78948	0.0408361	0.456687	-2.18968	0.263861	0.67932	-1.47206	3.50275	6.11436	1.55163	1
cg00636946	GLYR1;UBN1	0.012081	0.0317088	0.437478	-2.28583	0.395196	1.33093	1.33093	0.532352	0.812502	-1.23077	0.892775	0.95669	-1.04527	0.0158748	0.37916	-2.63741	0.514218	1.24254	1.24254	0.0015007	0.222653	-4.49129	0.0565106	0.492229	-2.03157	0.00651238	0.313231	-3.19254	5.56134	9.49316	1.51732	1
cg02454264	GLYR1;UBN1	0.0330254	0.00760617	0.661032	-1.51279	0.115851	0.813728	-1.22891	0.552123	0.930023	-1.07524	0.617797	0.941133	-1.06255	0.00646747	0.652461	-1.53266	0.0219197	0.717768	-1.39321	0.837302	1.02511	1.02511	0.365364	0.893891	-1.1187	0.217707	1.16929	1.16929	3.94896	0.909728	0.204775	1
cg00885266	GLYR1;UBN1;UBN1	0.0120971	0.0199842	0.313583	-3.18895	0.000547942	0.108896	-9.18309	0.463381	0.734714	-1.36107	0.884343	1.06196	1.06196	0.296857	0.639729	-1.56316	0.476963	0.741806	-1.34806	0.565399	0.786624	-1.27126	0.165446	1.84227	1.84227	0.0711714	2.29893	2.29893	5.55894	15.0183	2.40147	1
cg02086387	GM2A;GM2A	0.00484059	0.123876	0.873725	-1.14453	0.0180178	0.792338	-1.26209	0.00236825	0.709348	-1.40975	0.340442	1.08283	1.08283	0.0414313	1.20987	1.20987	0.524187	1.05368	1.05368	0.0562642	1.19138	1.19138	0.0448463	1.20506	1.20506	0.00906942	1.30817	1.30817	7.41148	0.770258	0.0923802	1
cg19393587	GMCL1	0.0010899	0.082758	0.719218	-1.3904	0.000196875	0.341783	-2.92584	0.00205606	0.474795	-2.10617	0.0024028	0.48411	-2.06564	0.00163356	0.461155	-2.16847	0.0233478	0.628223	-1.59179	0.142353	0.762961	-1.31068	0.0199491	1.6191	1.6191	0.118765	0.747904	-1.33707	11.4823	5.35169	0.414293	1
cg04767513	GMCL1	0.002555	0.133659	0.708227	-1.41198	0.0193741	0.547178	-1.82756	0.290883	1.26332	1.26332	0.607066	0.895275	-1.11698	8.00E-05	0.218936	-4.56754	0.110949	0.690497	-1.44823	0.818777	1.05016	1.05016	0.485833	1.16303	1.16303	0.00350414	0.429728	-2.32705	8.97435	6.46414	0.640259	1
cg02329386	GMCL1	0.00662172	0.0194672	0.535536	-1.86729	0.571717	0.881301	-1.13469	0.168526	0.722949	-1.38322	0.0397048	0.591061	-1.69187	0.0463432	0.603745	-1.65633	0.00157036	0.366361	-2.72954	0.0140803	1.95444	1.95444	0.0901946	1.51115	1.51115	0.468742	1.17702	1.17702	6.73049	5.21107	0.68822	1
cg26085762	GMCL1	0.0176471	0.0473824	0.558698	-1.78988	0.00115141	0.29349	-3.40728	0.56609	0.861694	-1.16051	0.362859	1.27125	1.27125	0.218202	0.717209	-1.39429	0.416222	0.807964	-1.23768	0.00335812	0.359145	-2.78439	0.334646	0.774646	-1.29091	0.279974	0.749597	-1.33405	4.90767	5.11887	0.927143	1
cg07540722	GMCL1	0.021859	0.0610648	0.651076	-1.53592	0.100855	1.44097	1.44097	0.00166317	2.49564	2.49564	0.371794	0.829925	-1.20493	0.970497	0.99251	-1.00755	0.100019	0.693238	-1.44251	0.658182	1.09474	1.09474	0.739925	0.934518	-1.07007	0.111636	1.42225	1.42225	4.564	2.98738	0.581826	1
cg19598605	GMCL1;GMCL1	0.0381947	0.0700792	1.37826	1.37826	0.0819549	0.736878	-1.35708	0.255357	0.828517	-1.20698	0.25056	1.20949	1.20949	0.267737	0.832857	-1.20069	0.176137	0.796252	-1.25588	0.00487916	1.80599	1.80599	0.877412	0.975843	-1.02475	0.487271	0.894217	-1.1183	3.74612	1.48896	0.353305	1
cg22777560	GMCL1L	6.86E-06	6.83E-08	0.00199823	-500.443	0.671017	1.12556	1.12556	0.00290135	0.303299	-3.29708	0.0694748	0.564626	-1.77109	0.000569011	0.204215	-4.89679	0.0158356	0.429755	-2.32691	0.0581796	0.546797	-1.82883	0.187082	0.676876	-1.47738	0.512029	0.831654	-1.20242	63.9413	75.8465	0.922592	1
cg05043074	GMCL1L	0.000512992	0.657391	1.08618	1.08618	0.402525	1.17195	1.17195	9.48E-05	0.275885	-3.6247	0.787967	0.9513	-1.05119	0.000280212	3.00506	3.00506	0.360925	1.18999	1.18999	0.00637173	0.518109	-1.93009	0.0270562	0.615854	-1.62376	0.0322462	0.628484	-1.59113	14.1891	7.70819	0.482885	1
cg14988869	GMCL1L	0.0119049	0.0250282	0.218664	-4.57323	0.0170523	0.190452	-5.25066	0.102672	0.361253	-2.76815	0.159018	0.42389	-2.3591	0.00797935	0.143855	-6.95146	0.0282539	0.228337	-4.37949	0.00088842	0.0584876	-17.0977	0.0180056	0.194242	-5.14822	0.0650307	0.306887	-3.25853	5.58789	28.7726	4.57697	1
cg06619299	GMCL1L	0.0164244	0.941057	0.965401	-1.03584	0.12815	0.456972	-2.18832	0.103339	0.428137	-2.3357	0.811461	1.12051	1.12051	0.00402049	0.158793	-6.29752	0.89088	0.936731	-1.06754	0.000725918	0.086529	-11.5568	0.850453	0.914048	-1.09403	0.238566	0.555567	-1.79996	5.02697	18.0507	3.19179	1
cg19462976	GMCL1L	0.0313467	0.99164	0.997534	-1.00247	0.088864	0.642573	-1.55624	0.176873	0.712981	-1.40256	0.356855	1.25023	1.25023	0.0485864	0.588052	-1.70053	0.0415435	0.574728	-1.73995	0.0151521	2.02019	2.02019	0.0702068	1.61125	1.61125	0.441808	1.20302	1.20302	4.02343	3.53923	0.781915	1
cg09383277	GMCL1L	0.0498229	0.862876	1.08268	1.08268	0.113385	0.453072	-2.20716	0.0125015	0.239807	-4.17002	0.156109	0.497945	-2.00825	0.00810185	0.210542	-4.74965	0.342504	0.637994	-1.56741	0.0217454	0.282002	-3.54608	0.103011	0.440588	-2.26969	0.0821441	0.41269	-2.42313	3.3927	11.3474	2.97301	1
cg21500247	GMDS	5.64E-06	0.0105497	0.773909	-1.29214	0.00128495	0.688071	-1.45334	1.13E-06	0.365018	-2.73959	2.15E-06	0.39602	-2.52513	1.95E-05	0.501507	-1.99399	0.0155351	0.789442	-1.26672	3.01E-06	0.412285	-2.4255	0.956674	1.00434	1.00434	0.00627987	0.753049	-1.32793	47.0567	4.72978	0.0893443	1
cg12872692	GMDS	0.000202042	5.28E-05	1.58464	1.58464	0.000474943	0.715684	-1.39727	0.297088	0.936226	-1.06812	0.978326	1.00166	1.00166	0.949217	1.00389	1.00389	0.000441113	0.712981	-1.40256	0.00542738	1.24987	1.24987	0.457412	1.04721	1.04721	0.0281201	0.85378	-1.17126	18.3206	1.07825	0.0523148	1
cg25320587	GMDS	0.000221301	0.0293388	0.750758	-1.33199	0.0389154	1.30606	1.30606	0.0991559	0.817178	-1.22372	0.73	0.962044	-1.03945	2.79E-05	0.398065	-2.51215	0.000856508	0.571599	-1.74948	0.000151892	0.483911	-2.0665	0.317622	0.891032	-1.12229	0.000533393	0.547657	-1.82596	17.8733	3.53116	0.175614	1
cg03058444	GMDS	0.000389359	0.0502009	0.47217	-2.11788	0.209945	0.641398	-1.5591	0.0204867	0.391211	-2.55616	0.865409	1.05868	1.05868	0.00102083	0.19457	-5.13955	0.562507	0.821349	-1.21751	1.25E-05	0.0454263	-22.0137	0.0442377	0.459872	-2.17452	0.000293217	0.137591	-7.2679	15.3136	27.4008	1.5905	1
cg02926797	GMDS	0.000389973	0.810634	0.946856	-1.05613	0.204589	0.73747	-1.35599	0.111791	0.674375	-1.48285	0.309993	1.26997	1.26997	1.50E-05	0.129662	-7.71236	0.417957	0.82837	-1.20719	7.21E-05	0.193138	-5.17764	0.440029	0.835986	-1.19619	0.365713	0.809434	-1.23543	15.3069	12.5462	0.728573	1
cg26272879	GMDS	0.000399351	0.427047	0.920269	-1.08664	1.17E-05	0.386492	-2.58738	0.0155507	0.737852	-1.35529	0.515951	0.93474	-1.06982	0.332447	0.90263	-1.10787	0.830467	0.978271	-1.02221	0.00161819	1.58886	1.58886	0.538701	1.06585	1.06585	0.0324323	0.773699	-1.29249	15.207	2.52834	0.147788	1
cg09953908	GMDS	0.000465618	0.251651	0.815119	-1.22681	0.964391	0.992409	-1.00765	0.000142484	0.326409	-3.06364	0.0292434	1.55032	1.55032	0.519337	1.11795	1.11795	0.0985272	1.36239	1.36239	5.72E-05	3.57721	3.57721	0.30538	0.834303	-1.1986	0.981853	1.00389	1.00389	14.5755	6.72567	0.410167	1
cg22994582	GMDS	0.00205681	0.0021564	1.88607	1.88607	0.05315	0.723502	-1.38217	0.179841	0.810717	-1.23348	0.635162	0.932013	-1.07295	0.991043	1.00165	1.00165	0.248526	1.19445	1.19445	0.000200839	2.50727	2.50727	0.00441877	1.75009	1.75009	0.636814	1.07257	1.07257	9.56349	3.28666	0.305482	1
cg09974772	GMDS	0.00236222	0.00292098	0.344437	-2.90329	0.096471	0.62144	-1.60916	0.00452723	0.373061	-2.68053	0.0378336	0.53379	-1.8734	0.00103547	0.281788	-3.54877	0.106785	0.63192	-1.58248	0.000178493	0.191127	-5.23211	0.828258	0.944942	-1.05827	0.0685208	0.587697	-1.70156	9.1838	9.88294	0.956558	1
cg25936567	GMDS	0.00237632	0.00405328	0.243331	-4.10963	0.148448	0.566844	-1.76415	0.00182437	0.197414	-5.06549	0.0715011	0.478492	-2.0899	0.289645	0.668626	-1.4956	0.690643	1.15779	1.15779	0.0024842	0.214386	-4.66449	0.00215048	0.206335	-4.84648	0.000459232	0.132643	-7.53905	9.16776	19.4758	1.88834	1
cg26908825	GMDS	0.00592151	0.650585	0.845727	-1.18241	0.67867	1.16542	1.16542	0.00653967	0.273006	-3.66293	0.00665084	0.274141	-3.64776	0.00120312	0.174999	-5.71431	0.0517526	0.44333	-2.25566	0.524046	0.788786	-1.26777	0.00169338	0.192406	-5.19735	0.908004	1.04339	1.04339	6.96741	14.9001	1.90093	1
cg13394216	GMDS	0.00645354	0.916442	0.947053	-1.05591	0.565651	1.35123	1.35123	0.0252654	0.25184	-3.97078	0.00368311	0.130697	-7.65128	0.00148181	0.0928568	-10.7693	0.0396016	0.291236	-3.43364	0.584457	0.751058	-1.33145	0.00189236	0.102047	-9.79941	0.830755	1.11734	1.11734	6.78445	28.8714	3.78268	1
cg10716548	GMDS	0.00748198	0.153822	0.766729	-1.30424	0.00661392	0.54156	-1.84652	0.00107762	0.431748	-2.31617	0.107903	0.736997	-1.35686	0.442031	0.872522	-1.1461	0.133411	0.754555	-1.32528	0.135495	1.32299	1.32299	0.138944	1.31927	1.31927	0.00929115	0.563199	-1.77557	6.47889	3.10529	0.426039	1
cg15193215	GMDS	0.00804221	0.0514631	0.346633	-2.8849	0.759123	1.15832	1.15832	0.0377137	0.316082	-3.16374	0.388167	0.655314	-1.52599	0.106317	0.430519	-2.32278	0.0291038	0.292607	-3.41756	0.000528123	0.0757712	-13.1976	0.548124	1.33697	1.33697	0.00329918	0.14767	-6.77184	6.33365	22.9059	3.21471	1
cg21499610	GMDS	0.00838735	0.00100867	0.102993	-9.70942	0.204513	0.535948	-1.86585	0.0611737	0.374251	-2.672	0.0905885	0.419535	-2.38359	0.00258095	0.142845	-7.0006	0.449442	0.698341	-1.43197	0.0148251	0.247467	-4.04095	0.0251663	0.289263	-3.45707	0.00586365	0.186364	-5.36585	6.2503	21.4823	3.05512	1
cg01708377	GMDS	0.00900979	0.0942147	0.409259	-2.44344	0.596063	1.29663	1.29663	0.0049125	0.163723	-6.10786	0.00665707	0.180907	-5.52769	0.222203	0.536365	-1.8644	0.0225254	0.265334	-3.76883	0.00792878	0.191425	-5.22398	0.00195215	0.119211	-8.38852	0.0501096	0.338028	-2.95834	6.11027	22.8173	3.31934	1
cg27294279	GMDS	0.0109923	0.146103	0.83517	-1.19736	0.000603022	1.84167	1.84167	0.0139076	1.42018	1.42018	0.285231	0.879736	-1.1367	0.564872	1.06948	1.06948	0.886904	0.983706	-1.01656	0.0464514	1.3012	1.3012	0.56656	1.06916	1.06916	0.454161	0.915746	-1.09201	5.73381	1.21017	0.187607	1
cg05996341	GMDS	0.0110502	0.0995693	1.38332	1.38332	0.00408983	0.500276	-1.9989	0.167709	1.30257	1.30257	0.0318727	1.57163	1.57163	0.713658	1.0685	1.0685	0.249445	0.805427	-1.24158	0.0916431	1.39637	1.39637	0.00618726	1.89991	1.89991	0.35322	0.842217	-1.18734	5.72411	2.92963	0.454938	1
cg09376855	GMDS	0.0129617	0.00355733	0.129487	-7.72276	0.195678	0.492528	-2.03034	0.0881863	0.377683	-2.64772	0.891493	1.07319	1.07319	0.00250662	0.113866	-8.78228	0.580009	0.74881	-1.33545	0.00957578	0.183097	-5.46159	0.708634	1.21443	1.21443	0.015115	0.213316	-4.68788	5.43538	23.056	3.77053	1
cg27205941	GMDS	0.0167298	0.108881	0.832187	-1.20165	0.0615203	0.801493	-1.24767	0.0455506	0.785927	-1.27238	0.325404	0.898812	-1.11258	0.891219	1.01448	1.01448	0.330626	1.11123	1.11123	0.127116	1.18927	1.18927	0.0411502	0.780734	-1.28085	0.00370809	1.50972	1.50972	4.99616	0.873358	0.155383	1
cg27215185	GMDS	0.0169075	0.030859	0.33975	-2.94334	0.189107	1.80834	1.80834	0.0378527	0.358663	-2.78813	0.272242	0.614689	-1.62684	0.00454581	0.199975	-5.00063	0.375516	0.678893	-1.47299	0.00238856	0.164873	-6.06527	0.610249	0.803399	-1.24471	0.102229	0.466938	-2.14161	4.97856	14.2977	2.55275	1
cg21478123	GMDS	0.0175622	0.0278225	0.487034	-2.05324	0.404064	0.789579	-1.2665	0.0229545	0.471047	-2.12293	0.733479	1.09919	1.09919	0.476535	1.22177	1.22177	0.471618	0.816589	-1.22461	0.671298	0.888591	-1.12538	0.168443	1.50096	1.50096	0.000951493	0.255935	-3.90725	4.91562	5.96118	1.07796	1
cg26807095	GMDS	0.0186526	0.030178	0.344658	-2.90143	0.692432	0.846932	-1.18073	0.102363	0.47379	-2.11064	0.0314251	0.348316	-2.87095	0.0103903	0.259614	-3.85187	0.853236	1.08046	1.08046	0.00177326	0.155678	-6.42351	0.10845	0.481082	-2.07865	0.020566	0.311687	-3.20835	4.81699	13.3218	2.45829	1
cg11276500	GMDS	0.0200543	0.0924522	0.585313	-1.70849	0.0044727	0.334036	-2.99369	0.0726619	0.56033	-1.78466	0.0343152	0.489617	-2.04241	0.0842241	0.575492	-1.73764	0.0382348	0.499241	-2.00304	0.0314403	0.481955	-2.07488	0.467857	0.807627	-1.2382	0.00222838	0.289693	-3.45192	4.70023	6.22771	1.17776	1
cg02145137	GMDS	0.0239583	0.23099	0.802557	-1.24602	0.139576	0.757568	-1.32089	0.658187	0.925019	-1.08106	0.0782211	0.709993	-1.40846	0.223239	0.799298	-1.2511	0.565189	1.10714	1.10714	0.00117581	2.30114	2.30114	0.306947	0.830984	-1.20339	0.715803	0.938	-1.0661	4.42206	2.14612	0.431396	1
cg26546884	GMDS	0.0247732	0.149898	0.628043	-1.59225	0.786798	0.921558	-1.08512	0.659999	0.87512	-1.1427	0.00388856	0.309907	-3.22678	0.0359555	0.479406	-2.08592	0.429905	0.784436	-1.2748	0.161667	0.637425	-1.56881	0.00297374	0.292803	-3.41527	0.0228427	0.440135	-2.27203	4.37106	6.28558	1.27822	1
cg07714812	GMDS	0.0301287	0.308464	1.57928	1.57928	0.852774	0.922621	-1.08387	0.0089182	0.236366	-4.23072	0.0555482	0.390394	-2.56151	0.0311783	0.334124	-2.9929	0.337586	0.651438	-1.53507	0.347214	1.52136	1.52136	0.0166408	0.281512	-3.55224	0.227453	1.73198	1.73198	4.08062	12.1457	2.64572	1
cg07515565	GMDS	0.0312491	0.033468	3.33719	3.33719	0.0388872	3.1894	3.1894	0.452561	1.44944	1.44944	0.106773	2.34931	2.34931	0.0110656	4.69015	4.69015	0.0328439	3.35623	3.35623	0.00503897	6.04474	6.04474	0.0514383	2.93165	2.93165	0.0465625	3.02091	3.02091	4.02791	15.0086	3.31212	1
cg27095915	GMDS	0.0312865	0.0509888	3.42606	3.42606	0.0129671	5.51929	5.51929	0.106412	2.6556	2.6556	0.246722	1.9562	1.9562	0.178939	2.2055	2.2055	0.0652236	3.14761	3.14761	0.00614739	7.24419	7.24419	0.00682733	6.96728	6.96728	0.0519159	3.40489	3.40489	4.02619	19.5682	4.32021	1
cg18132076	GMDS	0.0353775	0.0221774	0.418189	-2.39126	0.0132556	0.376854	-2.65355	0.0218479	0.416937	-2.39844	0.767413	1.09888	1.09888	0.0244404	0.42639	-2.34527	0.0651376	0.517708	-1.93159	0.152783	0.614559	-1.62718	0.524292	1.22772	1.22772	0.0515367	0.494295	-2.02308	3.85214	6.16685	1.42301	1
cg16550324	GMDS	0.0356073	0.00567455	0.500693	-1.99723	0.875501	1.03034	1.03034	0.049696	0.652583	-1.53237	0.701495	1.07618	1.07618	0.105819	0.714062	-1.40044	0.206412	1.28925	1.28925	0.0124951	0.55298	-1.80838	0.124933	0.728584	-1.37252	0.359627	0.835638	-1.19669	3.8431	2.21212	0.511652	1
cg17697739	GMDS	0.041946	0.00250876	0.22416	-4.46111	0.827359	1.08092	1.08092	0.163272	0.588551	-1.69909	0.707711	0.874437	-1.14359	0.107184	0.53449	-1.87094	0.464019	1.30409	1.30409	0.0409994	0.431656	-2.31666	0.772132	1.10898	1.10898	0.0465764	0.44401	-2.2522	3.61905	7.27403	1.7866	1
cg23229309	GMDS	0.0471037	0.862933	1.02196	1.02196	0.353533	1.1275	1.1275	0.843134	0.9754	-1.02522	0.324846	0.880017	-1.13634	0.522052	1.08499	1.08499	0.00774514	1.53722	1.53722	0.00338949	1.65007	1.65007	0.399046	1.11465	1.11465	0.338555	1.13204	1.13204	3.46554	0.867428	0.22249	1
cg10707788	GMDS	0.0496196	0.929821	0.933009	-1.0718	0.741827	1.29724	1.29724	0.0597087	0.187747	-5.32632	0.0316381	0.137597	-7.26762	0.0105686	0.0795233	-12.5749	0.0706879	0.203935	-4.90352	0.42014	0.522893	-1.91244	0.00980351	0.0765129	-13.0697	0.726826	0.758742	-1.31797	3.39798	33.3487	8.72381	1
cg09837361	GMEB1;GMEB1	0.00208608	0.0615673	0.735999	-1.3587	0.00156795	1.93721	1.93721	0.0729159	1.33802	1.33802	0.00747263	1.65092	1.65092	0.105749	0.773202	-1.29332	0.256291	0.84157	-1.18826	0.0160107	0.651024	-1.53604	0.00254391	1.83967	1.83967	0.179631	0.81264	-1.23056	9.52413	3.19619	0.298301	1
cg11336539	GMEB1;GMEB1	0.00321737	0.131907	0.734041	-1.36232	0.419701	0.85491	-1.16971	0.443101	1.1603	1.1603	0.00190129	2.30826	2.30826	0.73001	0.936252	-1.06809	0.00641692	1.96239	1.96239	0.0206633	0.588692	-1.69868	0.00223621	0.443112	-2.25676	0.214645	1.28194	1.28194	8.38193	4.79901	0.508926	1
cg13863668	GMEB1;GMEB1	0.00783957	0.0127721	0.317329	-3.1513	0.0455929	2.34099	2.34099	0.215627	0.61658	-1.62185	0.271554	1.52912	1.52912	0.00102099	0.164143	-6.09226	0.377902	0.714839	-1.39892	0.0395224	0.413331	-2.41937	0.541366	1.25786	1.25786	0.0252489	0.372606	-2.6838	6.38469	13.9217	1.93821	1
cg26820929	GMEB1;GMEB1	0.0137901	0.591548	1.0626	1.0626	0.328699	0.89314	-1.11964	0.483763	1.08305	1.08305	0.0154149	1.3955	1.3955	0.0419279	1.30058	1.30058	0.0259784	1.34483	1.34483	0.186243	0.854626	-1.1701	0.163871	0.846588	-1.18121	0.00222913	1.61632	1.61632	5.32624	1.06009	0.176916	1
cg24675730	GMEB1;GMEB1	0.0438293	0.419459	0.745117	-1.34207	0.0112922	3.10094	3.10094	0.123352	1.81359	1.81359	0.00589608	3.61448	3.61448	0.713419	0.876724	-1.14061	0.0837089	1.9792	1.9792	0.521176	1.26102	1.26102	0.873731	1.05836	1.05836	0.0614658	2.11999	2.11999	3.56043	7.17305	1.79081	1
cg10927510	GMEB2	1.63E-05	2.92E-07	0.0895282	-11.1697	0.00745262	0.575798	-1.73672	0.000176199	0.360997	-2.77011	0.00374213	0.53415	-1.87213	?	?	?	0.038243	0.680645	-1.46919	0.000220106	0.372968	-2.6812	0.00812822	0.581128	-1.72079	0.263997	0.829845	-1.20504	36.6426	13.2377	0.361266	1
cg15813550	GMEB2	0.00074201	0.785782	1.04131	1.04131	0.113123	0.773976	-1.29203	0.269241	0.84285	-1.18645	0.291826	1.17647	1.17647	0.0846695	0.753247	-1.32759	6.55E-05	0.336656	-2.97039	0.00027138	2.42781	2.42781	0.889599	0.979574	-1.02085	0.797406	1.03896	1.03896	12.8	4.47606	0.310838	1
cg08668772	GMEB2	0.00089875	0.00831554	0.526673	-1.89871	0.334539	0.827643	-1.20825	0.000287315	0.324639	-3.08034	0.740282	1.06527	1.06527	0.000197496	0.30453	-3.28375	0.000281769	0.323581	-3.09042	0.624965	0.910609	-1.09817	0.332453	0.826924	-1.2093	0.0185153	0.581068	-1.72097	12.1275	6.93931	0.50862	1
cg06363034	GMEB2	0.0015259	0.0099313	0.348619	-2.86846	0.00370717	0.28118	-3.55644	0.000813525	0.195222	-5.12237	0.00685971	0.32211	-3.10453	0.00177777	0.237016	-4.21912	0.00184018	0.238981	-4.18443	0.000662261	0.185068	-5.40342	0.0617018	0.506142	-1.97573	0.00296247	0.26718	-3.74279	10.4281	17.2921	1.47398	1
cg03425785	GMEB2	0.00276533	0.481568	1.30299	1.30299	0.0389906	2.42072	2.42072	0.136175	1.81135	1.81135	0.00536787	0.25758	-3.88229	0.0105455	0.304099	-3.2884	0.000894203	0.158787	-6.29773	0.0194132	2.84514	2.84514	0.80364	1.09655	1.09655	0.100083	0.513438	-1.94765	8.76722	19.0063	1.927	1
cg09650180	GMEB2	0.00354936	0.0229378	0.637178	-1.56942	0.00606824	0.552361	-1.81041	0.0016574	0.474453	-2.10769	0.44613	0.879292	-1.13728	0.03689	0.669306	-1.49408	0.179849	0.789819	-1.26611	0.232542	1.23044	1.23044	0.7466	0.947713	-1.05517	0.000309215	0.379175	-2.6373	8.13961	3.53707	0.386267	1
cg24674220	GMEB2	0.00411287	0.00262808	0.349252	-2.86326	0.373433	1.25962	1.25962	0.197514	0.708852	-1.41073	0.304202	0.764294	-1.3084	0.000682006	0.269539	-3.71004	0.14054	0.669994	-1.49255	0.000652337	0.267098	-3.74395	0.580342	0.868428	-1.15151	0.0918091	0.625697	-1.59822	7.78685	7.86976	0.898353	1
cg07741474	GMEB2	0.00463817	0.00052532	0.213295	-4.68835	0.769263	1.08775	1.08775	0.017784	0.438675	-2.27959	0.262816	1.39629	1.39629	0.00149779	0.270162	-3.70148	0.841102	1.05908	1.05908	0.237819	1.42415	1.42415	0.392613	0.778475	-1.28456	0.0705475	0.561085	-1.78226	7.50845	9.72267	1.15102	1
cg25903261	GMEB2	0.0164732	0.480826	0.876944	-1.14032	0.443783	0.866692	-1.15381	0.000757186	0.392343	-2.54879	0.0463552	0.658248	-1.51918	0.287789	0.816903	-1.22414	0.471849	1.14351	1.14351	0.256909	1.24213	1.24213	0.543639	1.11923	1.11923	0.0182926	0.591685	-1.69009	5.022	2.67072	0.472715	1
cg20732137	GMEB2	0.0174769	0.0223224	0.584982	-1.70945	0.677422	1.08292	1.08292	0.969409	0.992731	-1.00732	0.770419	0.945826	-1.05728	0.00314015	0.445489	-2.24473	0.202339	0.772407	-1.29465	0.0190883	1.74446	1.74446	0.0771926	1.46238	1.46238	0.222427	0.782066	-1.27867	5.50676	3.09042	0.436492	1
cg11244477	GMEB2	0.0183177	0.0279999	0.754849	-1.32477	0.00754414	0.68905	-1.45127	0.171161	0.85397	-1.171	0.0261512	0.75136	-1.33092	0.316021	0.893766	-1.11886	0.00166685	0.614345	-1.62775	0.0501179	0.785067	-1.27378	0.502905	0.928989	-1.07644	0.537077	1.07006	1.07006	4.8465	0.900935	0.165239	1
cg09877136	GMFB	0.000303257	0.00927152	0.863033	-1.1587	0.00190444	1.21681	1.21681	0.00215869	1.21183	1.21183	0.000308859	0.770095	-1.29854	0.000174109	0.752571	-1.32878	0.479254	0.96842	-1.03261	0.202689	1.06184	1.06184	0.572195	0.974857	-1.02579	0.480847	1.03249	1.03249	16.4016	0.517053	0.0280219	1
cg16991671	GMFB	0.00996413	0.486592	0.91934	-1.08774	0.278091	1.1436	1.1436	0.00048707	0.521874	-1.91617	0.891541	1.01636	1.01636	0.0107368	0.682912	-1.46432	0.555259	0.931477	-1.07356	0.588811	0.937136	-1.06708	0.0161856	0.704717	-1.41901	0.0413888	0.755887	-1.32295	5.91741	1.32642	0.199249	1
cg02247823	GMFB	0.0299866	0.60605	1.32417	1.32417	0.316347	0.57171	-1.74914	0.948596	1.03541	1.03541	0.000561577	0.0557573	-17.9349	0.973378	1.01817	1.01817	0.814873	0.881091	-1.13496	0.17853	2.16291	2.16291	0.989038	1.00744	1.00744	0.430482	0.647702	-1.54392	4.08748	18.8588	4.10115	1
cg12847429	GMFB	0.0321533	0.203119	0.627625	-1.59331	0.720694	0.882958	-1.13256	0.012288	0.339187	-2.94823	0.0738279	0.501127	-1.9955	0.00194079	0.218677	-4.57296	0.205328	0.629207	-1.5893	0.0261677	0.400621	-2.49613	0.272182	0.672813	-1.4863	0.0689238	0.493734	-2.02538	3.98705	7.59111	1.69239	1
cg07453227	GMFB	0.0445339	0.883907	1.02357	1.02357	0.966613	1.00669	1.00669	0.0184087	0.633873	-1.5776	0.211573	1.23344	1.23344	0.527446	0.902969	-1.10746	0.434613	0.880655	-1.13552	0.309664	1.18246	1.18246	0.482388	0.892419	-1.12055	0.00292226	0.521109	-1.91898	3.53929	1.42456	0.357777	1
cg26102475	GMFG	1.10E-05	3.21E-05	0.184831	-5.41034	0.000894924	0.354243	-2.82292	0.000218388	0.276313	-3.61908	0.463385	0.855772	-1.16853	3.68E-06	0.104336	-9.5844	0.000173288	0.264356	-3.78278	1.65E-06	0.0810868	-12.3325	0.000276177	0.288692	-3.4639	9.47E-05	0.234262	-4.26873	39.5594	27.2819	0.613017	1
cg27360210	GMFG	8.19E-05	0.248734	0.681613	-1.46711	0.000825372	0.201621	-4.95979	0.000473716	0.174606	-5.72718	0.000194189	0.136211	-7.34154	2.70E-05	0.0718151	-13.9246	0.00102473	0.212816	-4.6989	1.41E-05	0.056264	-17.7733	0.0329973	0.452633	-2.20929	0.000495151	0.17667	-5.66027	23.3498	37.3753	1.42281	1
cg17514766	GMFG	0.000161236	0.171007	0.502442	-1.99028	0.0010371	0.100887	-9.91211	0.000345579	0.0659584	-15.1611	0.00152625	0.115966	-8.62322	8.74E-05	0.0360937	-27.7056	0.0089217	0.207861	-4.8109	1.43E-05	0.0140585	-71.1314	0.0514303	0.350965	-2.84929	0.000796082	0.0914483	-10.9351	19.4738	68.7618	3.13866	1
cg19599529	GMFG	0.00229037	0.00455021	0.375897	-2.6603	0.366421	0.786442	-1.27155	0.0846943	0.610379	-1.63833	0.625616	1.13576	1.13576	0.00324189	0.353621	-2.82788	0.000184425	0.194796	-5.13358	0.0411075	0.54327	-1.84071	0.731695	1.0932	1.0932	0.0580303	1.74144	1.74144	9.26739	9.83839	0.943657	1
cg25599012	GMFG	0.00569787	0.21985	0.674011	-1.48366	0.123607	0.600494	-1.66529	0.000807962	0.213203	-4.69036	0.83392	1.06631	1.06631	0.012425	0.386205	-2.5893	0.0102634	0.371836	-2.68936	0.000720233	0.207295	-4.82404	0.29594	0.717909	-1.39293	0.494863	0.809	-1.23609	7.05054	10.4417	1.31643	1
cg24796852	GMFG	0.0106681	0.00843381	0.224464	-4.45506	0.0029107	0.16249	-6.15422	0.0331774	0.330916	-3.02192	0.13083	0.48453	-2.06386	0.00839684	0.224175	-4.4608	0.0611238	0.391707	-2.55293	0.00186463	0.14081	-7.10177	0.0658091	0.399783	-2.50136	0.0977581	0.44627	-2.2408	5.78931	18.0862	2.77694	1
cg02436686	GMFG	0.0212917	0.0217635	0.316262	-3.16193	0.0929534	0.461801	-2.16543	0.0894542	0.45717	-2.18737	0.0931325	0.462035	-2.16434	0.0100709	0.25731	-3.88636	0.137538	0.512473	-1.95132	0.00269184	0.176662	-5.66053	0.010377	0.259419	-3.85476	0.0416673	0.37472	-2.66866	4.60527	12.7438	2.45975	1
cg20650545	GMFG;GMFG	0.000882058	0.0810113	0.648372	-1.54232	0.00146137	0.357281	-2.79892	0.00157026	0.361626	-2.76529	0.638018	0.899305	-1.11197	0.00238483	0.387391	-2.58137	0.15082	0.708335	-1.41176	4.56E-05	0.177951	-5.61953	0.0112105	0.490804	-2.03747	0.00489126	0.433741	-2.30552	12.1919	9.68551	0.706155	1
cg09569432	GMFG;GMFG	0.00162321	0.012351	0.567628	-1.76172	0.28004	0.815349	-1.22647	0.000483251	0.369745	-2.70456	0.449809	0.869362	-1.15027	0.000918581	0.406428	-2.46046	0.021782	0.606192	-1.64964	0.000355488	0.352644	-2.83572	0.00916778	0.547961	-1.82495	0.00518517	0.511313	-1.95575	10.2437	5.36157	0.465245	1
cg05607401	GMFG;GMFG	0.00483052	0.277082	0.705792	-1.41685	0.141285	0.614087	-1.62843	0.000460023	0.18274	-5.47225	0.311279	0.724048	-1.38112	0.0386523	0.477971	-2.09218	0.249845	0.690265	-1.44872	0.000465602	0.183311	-5.45521	0.11121	0.585776	-1.70714	0.00856722	0.35569	-2.81143	7.41618	11.1593	1.33753	1
cg16253989	GMIP	1.03E-05	7.35E-05	0.206533	-4.84184	0.000277295	0.271985	-3.67668	0.00093357	0.339273	-2.94748	0.566219	1.13528	1.13528	1.75E-06	0.0732011	-13.661	0.00057987	0.31206	-3.20451	2.30E-06	0.0803077	-12.4521	0.000151206	0.240989	-4.14956	0.000131144	0.233976	-4.27395	40.2131	30.4946	0.674066	1
cg24422900	GMIP	0.0010707	0.00198838	0.401261	-2.49214	0.000200027	0.270988	-3.6902	0.00754854	0.487329	-2.052	0.00541608	0.465138	-2.1499	0.473863	0.85871	-1.16454	0.526283	0.874349	-1.14371	0.00460807	0.454532	-2.20006	0.000305601	0.293335	-3.40907	0.814772	1.0503	1.0503	11.5405	7.99298	0.615646	1
cg17515984	GMIP	0.00128471	0.0208521	0.41519	-2.40854	0.789973	0.919085	-1.08804	0.00840058	0.345038	-2.89823	0.245447	1.46813	1.46813	0.0396398	0.471405	-2.12132	0.00131929	0.228319	-4.37985	5.19E-05	0.0913954	-10.9415	0.135537	0.601404	-1.66278	0.0186958	0.40623	-2.46166	10.9561	17.3358	1.40648	1
cg02293766	GMIP	0.0174102	0.0018292	0.599038	-1.66934	0.446204	1.09402	1.09402	0.314439	0.886578	-1.12793	0.0280557	0.740623	-1.35022	0.0223059	0.728394	-1.37288	0.0627206	0.784779	-1.27424	0.328385	0.889813	-1.12383	0.0104804	0.688795	-1.45181	0.0388494	0.758216	-1.31889	4.92997	1.04565	0.188533	1
cg25798013	GMIP	0.0210796	0.00293977	0.598809	-1.66998	0.0468893	0.75154	-1.3306	0.302788	0.874571	-1.14342	0.299864	1.14442	1.14442	0.0499895	1.32398	1.32398	0.0911104	1.26321	1.26321	0.392543	0.895855	-1.11625	0.226473	0.852613	-1.17287	0.176252	0.834835	-1.19784	4.62106	1.15373	0.221927	1
cg00416475	GMIP	0.024113	0.80693	1.02293	1.02293	0.260571	0.897059	-1.11475	0.238345	0.891957	-1.12113	0.165895	1.14659	1.14659	0.00481018	0.707272	-1.41388	0.1483	1.15437	1.15437	0.00850793	1.36464	1.36464	0.729564	1.03265	1.03265	0.436351	0.929123	-1.07628	4.41221	0.598914	0.120658	1
cg07588489	GMIP	0.0257276	0.0412252	0.742913	-1.34605	0.113747	0.804806	-1.24254	0.298944	0.872966	-1.14552	0.152472	0.824144	-1.21338	0.0677501	0.772423	-1.29463	0.190088	1.1914	1.1914	0.0108835	1.49698	1.49698	0.382265	0.89308	-1.11972	0.026248	0.71699	-1.39472	4.31391	1.08805	0.224195	1
cg16035419	GMIP	0.0353373	0.317861	0.851578	-1.17429	0.00657601	0.577406	-1.73188	0.161562	0.792451	-1.26191	0.0319239	0.676238	-1.47877	0.160232	1.26297	1.26297	0.46871	1.12156	1.12156	0.107521	1.31434	1.31434	0.735354	1.05421	1.05421	0.212173	1.22691	1.22691	3.85372	1.47796	0.340902	1
cg14195254	GML	0.000256043	0.581111	0.909918	-1.099	0.00127612	0.451201	-2.21631	4.29E-05	0.267998	-3.73137	0.173257	0.782343	-1.27821	0.0643038	1.42208	1.42208	0.285101	0.828555	-1.20692	0.0374835	1.50519	1.50519	6.27E-05	0.286903	-3.4855	0.166408	0.778842	-1.28396	17.1778	7.80626	0.403946	1
cg20036365	GML	0.00117012	0.00487668	0.647058	-1.54546	0.870387	1.01923	1.01923	0.0455808	0.765341	-1.30661	1.79E-05	0.359638	-2.78057	0.197231	1.17236	1.17236	0.534347	0.929218	-1.07617	0.340151	0.891653	-1.12151	0.219794	0.860261	-1.16244	0.482342	0.920078	-1.08686	11.2524	2.4252	0.191579	1
cg00245850	GML	0.011089	0.0619631	0.533739	-1.87357	0.00950338	0.374772	-2.66829	0.0237666	0.446579	-2.23924	0.0411077	0.49461	-2.0218	0.0350235	0.48011	-2.08286	0.135667	0.61855	-1.61668	0.00130572	0.247031	-4.04808	0.00305613	0.297644	-3.35972	0.0874198	0.569119	-1.7571	5.71765	8.08055	1.25623	1
cg16359091	GML	0.0120002	0.613085	0.913514	-1.09467	0.469041	0.8775	-1.1396	0.000725807	0.40181	-2.48874	0.101472	0.727537	-1.3745	0.0630113	1.44918	1.44918	0.179649	1.28765	1.28765	0.030929	0.637962	-1.56749	0.071364	0.699601	-1.42939	0.80853	0.957847	-1.04401	5.57346	2.77781	0.443022	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00057593	GML	0.029217	0.903415	1.03711	1.03711	0.291743	0.720124	-1.38865	0.00842835	0.364304	-2.74496	0.647985	1.14793	1.14793	0.0143552	0.404175	-2.47418
cg26580332	GML	0.038867	0.213268	0.641909	-1.55785	0.332803	0.71326	-1.40201	0.206473	0.637193	-1.56938	0.887625	1.04898	1.04898	0.00140044	0.209046	-4.78365
cg07711097	GML	0.0409049	0.0307704	0.274996	-3.63642	0.0629278	0.344845	-2.89986	0.160851	0.466646	-2.14295	0.371017	1.5959	1.5959	0.0302893	0.273623	-3.65467
cg01972576	GML;GML	5.89E-05	0.00515184	0.632613	-1.58075	0.000205227	0.46255	-2.16193	0.00309201	0.605429	-1.65172	0.00757888	0.653295	-1.5307	1.62E-05	0.332609	-3.00653
cg26187061	GMNN	0.000134674	0.53303	1.05475	1.05475	0.0136943	1.2935	1.2935	0.000296035	1.64451	1.64451	0.00594407	1.35482	1.35482	0.000795178	0.651991	-1.53376
cg05212176	GMNN	0.0039784	0.0815393	0.72978	-1.37028	0.110616	0.753014	-1.328	0.00972928	1.70503	1.70503	0.18314	0.794159	-1.25919	0.0244178	0.645604	-1.54894
cg06281719	GMNN	0.00866568	0.154769	0.658487	-1.51863	0.275289	0.732432	-1.36532	0.605928	1.15347	1.15347	0.325899	0.75708	-1.32086	0.0124491	0.42604	-2.3472
cg25354744	GMNN	0.0147293	0.000875659	2.13497	2.13497	0.334577	0.859634	-1.16329	0.0771543	1.34806	1.34806	0.577682	1.08924	1.08924	0.0490557	0.71071	-1.40704
cg27583138	GMNN	0.0441391	0.17214	0.546693	-1.82918	0.391492	0.694337	-1.44022	0.602441	1.24404	1.24404	0.979773	1.01059	1.01059	0.337576	0.663132	-1.508
cg26331192	GMNN;GMNN	0.0145054	0.856929	1.03598	1.03598	0.885849	0.972253	-1.02854	0.979878	1.00495	1.00495	0.0397537	1.59319	1.59319	0.766436	0.943317	-1.06009
cg12458485	GMPPA	0.00868793	0.00285305	5.32785	5.32785	0.054012	2.43805	2.43805	0.0214784	3.08201	3.08201	0.0376409	2.67138	2.67138	0.0687093	2.2938	2.2938
cg17765291	GMPPA;GMPPA	0.00203888	0.0150614	0.581447	-1.71985	0.0981772	1.38989	1.38989	0.000745958	2.53163	2.53163	0.103719	0.724024	-1.38117	0.00537446	0.514139	-1.945
cg14569415	GMPPA;GMPPA	0.00308733	0.700503	1.05106	1.05106	0.580521	1.07458	1.07458	0.000252747	2.17567	2.17567	0.121829	1.24123	1.24123	0.018663	1.44396	1.44396
cg10020325	GMPPA;GMPPA	0.0145244	0.0625629	2.78633	2.78633	0.0132872	4.482	4.482	0.0822774	2.56301	2.56301	0.131615	2.21622	2.21622	0.0425536	3.13233	3.13233
cg03267697	GMPPA;GMPPA	0.0148209	0.0470483	3.39909	3.39909	0.0306695	3.92273	3.92273	0.0587039	3.15665	3.15665	0.0611474	3.11386	3.11386	0.0265133	4.11975	4.11975
cg15195538	GMPPA;GMPPA	0.0162388	0.0590532	0.777589	-1.28603	0.00102852	1.77541	1.77541	0.152499	0.834562	-1.19823	0.36527	0.896033	-1.11603	0.0611256	0.779559	-1.28278
cg06916012	GMPPA;GMPPA;GMPPA	0.0145656	0.124955	1.44531	1.44531	0.0068494	2.17417	2.17417	0.00236446	2.56099	2.56099	0.589185	0.886117	-1.12852	0.0111803	2.02408	2.02408
cg23834837	GMPPA;GMPPA;GMPPA	0.035184	0.120728	0.830958	-1.20343	0.0590825	1.26432	1.26432	0.0504916	1.27797	1.27797	0.372941	0.904251	-1.10589	0.0529661	1.2738	1.2738
cg24745548	GMPPA;GMPPA;GMPPA;GMPPA	0.0343388	?	?	?	0.0249896	0.357318	-2.79863	?	?	?	?	?	?	?	?	?
cg04641912	GMPPB;GMPPB	0.005632	0.000262296	0.63387	-1.57761	0.48619	1.05524	1.05524	0.70649	0.971661	-1.02917	0.137896	0.885674	-1.12908	0.128904	0.882763	-1.13281
cg00589488	GMPPB;GMPPB	0.0207864	0.0172203	0.339431	-2.94611	0.04764	0.430293	-2.324	0.152888	0.565562	-1.76815	0.214636	0.614863	-1.62638	0.00323076	0.224084	-4.4626
cg20001791	GMPR	2.82E-07	6.74E-05	0.378549	-2.64167	0.00462577	1.65139	1.65139	2.36E-07	0.127205	-7.86133	1.45E-06	0.195842	-5.10615	8.63E-05	0.391358	-2.5552
cg14757107	GMPR	0.000323392	0.00162548	0.370856	-2.69647	0.000201964	0.254212	-3.93373	0.00045642	0.29738	-3.3627	0.000255744	0.266383	-3.754	0.00318718	0.412871	-2.42207
cg10768391	GMPR	0.000639023	0.00595373	0.244679	-4.08699	0.0842142	0.473379	-2.11247	0.00891324	0.27181	-3.67903	0.0199451	0.332974	-3.00323	0.0180674	0.324913	-3.07775
cg02652321	GMPR	0.000844138	0.418551	1.09205	1.09205	0.557503	1.06523	1.06523	0.0125134	1.39229	1.39229	0.729243	1.03771	1.03771	0.288899	1.12443	1.12443
cg04658856	GMPR	0.00124517	0.0256828	0.521119	-1.91895	0.0724383	1.63725	1.63725	0.161575	1.44436	1.44436	0.130487	0.669198	-1.49433	0.000535443	0.265764	-3.76273
cg00523901	GMPR	0.0078989	0.191743	0.80659	-1.23979	0.471738	1.12059	1.12059	0.516904	1.10761	1.10761	0.576424	0.915968	-1.09174	0.00142743	0.487972	-2.0493
cg12174390	GMPR	0.0217601	0.487633	0.892967	-1.11986	0.279486	1.19781	1.19781	0.962291	0.992439	-1.00762	0.300427	1.18799	1.18799	0.00370927	0.532903	-1.87651
cg13586987	GMPR	0.0235948	0.0158748	0.243732	-4.10286	0.00783966	0.195798	-5.1073	0.0325686	0.302565	-3.30507	0.069044	0.378237	-2.64384	0.0424154	0.327283	-3.05546
cg20653689	GMPR	0.0260751	0.704247	0.958168	-1.04366	0.135606	1.19748	1.19748	0.388286	1.10415	1.10415	0.317482	0.890669	-1.12275	0.502502	1.07924	1.07924
cg25457331	GMPR	0.0448195	0.196379	0.623691	-1.60336	0.0177944	2.70683	2.70683	0.104638	1.84592	1.84592	0.386984	0.736048	-1.35861	0.0297298	0.413054	-2.42099
cg11315141	GMPR2;GMPR2;GMPR2;GMPR2;GMPR2;NEDD8;GMPR2	7.92E-06	0.991242	0.998969	-1.00103	0.046803	0.807359	-1.23861	0.000149235	1.84515	1.84515	0.755177	1.02984	1.02984	0.380867	1.08818	1.08818
cg16461345	GMPR2;GMPR2;GMPR2;GMPR2;GMPR2;NEDD8;GMPR2	0.00500323	0.705434	0.966574	-1.03458	0.961096	0.995643	-1.00438	0.0902136	0.846064	-1.18194	0.000103748	0.540869	-1.84888	0.564116	0.94914	-1.05359
cg07519822	GMPR2;GMPR2;GMPR2;GMPR2;GMPR2;NEDD8;GMPR2	0.00730358	0.356128	0.882763	-1.13281	0.614772	1.06894	1.06894	0.378063	0.887966	-1.12617	0.0262266	0.707209	-1.41401	0.0556096	0.752039	-1.32972
cg01741121	GMPR2;GMPR2;GMPR2;GMPR2;NEDD8;GMPR2;GMPR2	0.0356656	0.231688	0.775864	-1.28888	0.0812773	1.47842	1.47842	0.04183	1.60733	1.60733	0.215577	0.768216	-1.30172	0.122629	0.712888	-1.40274
cg09399371	GMPR2;GMPR2;GMPR2;NEDD8;GMPR2	0.0381363	0.00714355	0.208393	-4.79863	0.42048	1.44998	1.44998	0.0692534	0.399483	-2.50323	0.28775	0.607578	-1.64588	0.0110109	0.236961	-4.2201
cg02988826	GMPS	0.00545985	0.00996083	0.364818	-2.74109	0.0420847	0.484031	-2.06598	0.219284	0.670161	-1.49218	0.157981	0.62646	-1.59627	0.0069576	0.339002	-2.94983
cg14616479	GMPS	0.0229258	0.0746111	0.726993	-1.37553	0.0599124	1.40604	1.40604	0.105401	1.32844	1.32844	0.0313474	0.666699	-1.49993	0.575299	0.913134	-1.09513
cg06064855	GMPS	0.0282044	0.209339	0.855301	-1.16918	0.0593484	1.28587	1.28587	0.123006	1.2182	1.2182	0.269543	0.873003	-1.14547	0.910788	1.01333	1.01333
cg04502857	GMPS	0.0330574	0.453245	1.09324	1.09324	0.906878	1.01375	1.01375	0.00491112	1.54468	1.54468	0.18875	1.1764	1.1764	0.0101297	0.684921	-1.46002
cg01634119	GMPS	0.0362385	0.520877	1.0933	1.0933	0.404514	1.12403	1.12403	0.00126923	1.90523	1.90523	0.825535	0.97019	-1.03073	0.0199424	1.46974	1.46974
cg00801868	GMPS;GMPS	0.00934704	0.0232731	0.694088	-1.44074	0.859561	1.02413	1.02413	0.364244	0.882016	-1.13377	0.0147581	0.667616	-1.49787	0.126757	0.800588	-1.24908
cg21736089	GNA11	1.03E-05	0.0823004	0.71733	-1.39406	0.247222	0.811534	-1.23223	0.207791	0.795128	-1.25766	0.0229867	1.59906	1.59906	8.36E-08	0.0472131	-21.1806
cg10816922	GNA11	0.000836929	0.00290695	0.482117	-2.07419	0.392924	1.16885	1.16885	0.83021	0.96244	-1.03903	0.995267	0.998943	-1.00106	1.75E-05	0.208622	-4.79336
cg03680769	GNA11	0.00258638	0.000408036	0.297859	-3.35729	0.260236	0.776257	-1.28823	0.000562229	0.315589	-3.16868	0.865915	1.03712	1.03712	0.225328	0.759845	-1.31606
cg24366168	GNA11	0.00512311	0.0721044	2.91936	2.91936	0.0402159	3.54327	3.54327	0.0169425	4.73248	4.73248	0.92465	0.950765	-1.05178	0.701395	0.814141	-1.22829
cg05370802	GNA11	0.00547175	0.319749	1.18453	1.18453	0.0452253	1.45992	1.45992	0.00387033	0.526835	-1.89813	0.28745	1.19951	1.19951	0.000652487	0.422866	-2.36482
cg14917512	GNA11	0.00753926	0.343534	0.473784	-2.11067	0.496341	1.69483	1.69483	0.411895	1.89945	1.89945	0.936446	1.06266	1.06266	0.0076269	0.0656823	-15.2248
cg11852212	GNA11	0.0101286	0.318868	0.622543	-1.60632	0.187366	0.525787	-1.90191	0.110183	0.448898	-2.22768	0.00668146	0.198134	-5.04708	0.000604678	0.0878001	-11.3895
cg03063057	GNA11	0.0122992	0.00417526	0.280995	-3.55878	0.911763	0.964004	-1.03734	0.299254	0.70062	-1.42731	0.909501	1.03832	1.03832	0.000915669	0.194228	-5.14859
cg18505103	GNA11	0.0126913	0.175976	0.794746	-1.25826	0.253263	1.20987	1.20987	0.0897736	1.348	1.348	0.815099	1.03811	1.03811	0.0738727	0.727529	-1.37452
cg03243311	GNA11	0.0306925	0.79007	0.954315	-1.04787	0.101565	0.730412	-1.36909	0.561145	0.902145	-1.10847	0.43889	0.870782	-1.14839	0.439859	0.871047	-1.14804
cg20336172	GNA12	0.000551225	0.490512	0.871304	-1.1477	0.935005	1.01617	1.01617	0.000374879	0.326663	-3.06126	0.000103449	0.259008	-3.86088	0.225747	0.778618	-1.28433
cg01498219	GNA12	0.00142689	0.0211773	0.474859	-2.10589	0.123761	1.56516	1.56516	0.611895	1.1474	1.1474	0.198221	1.44114	1.44114	2.59E-05	0.106497	-9.38997
cg26247093	GNA12	0.00151322	0.0506249	0.698551	-1.43154	0.144391	0.776828	-1.28729	0.00104768	0.457874	-2.18401	0.00143488	0.475972	-2.10096	0.000392777	0.402647	-2.48357
cg18242990	GNA12	0.00210016	5.78E-05	0.336699	-2.97001	0.234079	1.19975	1.19975	0.139373	0.792753	-1.26143	0.0750637	1.33563	1.33563	0.501028	0.9051	-1.10485
cg09658497	GNA12	0.00273892	0.0867395	2.35824	2.35824	0.324095	1.58696	1.58696	0.0506448	0.364235	-2.74548	0.113704	2.18246	2.18246	0.00147594	0.124855	-8.00929
cg19524238	GNA12	0.00375231	0.737555	0.930725	-1.07443	0.0150413	0.528378	-1.89259	0.060053	1.57275	1.57275	0.164938	1.37194	1.37194	0.00405996	0.438877	-2.27854
cg13928313	GNA12	0.00474304	0.00685359	0.501723	-1.99313	0.0210462	0.578909	-1.72739	0.0907943	0.692826	-1.44336	0.0744747	0.676102	-1.47907	0.024891	0.59107	-1.69185
cg24610790	GNA12	0.00505686	0.0947373	0.699269	-1.43007	0.0146703	0.556972	-1.79542	0.0646011	0.667404	-1.49834	0.890069	1.0273	1.0273	0.0001408	0.278068	-3.59624
cg11018271	GNA12	0.00641648	0.826891	1.03449	1.03449	0.19063	1.2393	1.2393	0.00394188	1.82287	1.82287	0.0992778	0.755986	-1.32278	0.670063	1.0686	1.0686
cg16765393	GNA12	0.00739084	0.00554222	0.238687	-4.18959	0.0101527	0.279581	-3.57678	0.0380242	0.388523	-2.57385	0.655053	0.837986	-1.19334	0.00176931	0.173732	-5.75598
ch.7.141697R	GNA12	0.0076674	0.0404859	0.386976	-2.58414	0.00554773	0.231752	-4.31495	0.074953	0.451244	-2.2161	0.000371592	0.10175	-9.82802	0.00507462	0.226186	-4.42115
cg19717773	GNA12	0.0102492	0.0637626	3.04041	3.04041	0.0381574	3.60454	3.60454	0.240825	0.519331	-1.92555	0.0458257	3.39223	3.39223	0.0407493	0.283541	-3.52683
cg18634690	GNA12	0.0122285	0.34924	0.700125	-1.42832	0.959878	1.01879	1.01879	0.185181	0.59462	-1.68175	0.204143	1.64178	1.64178	0.000356108	0.11996	-8.33609
cg06895747	GNA12	0.0126594	0.593512	0.823727	-1.21399	0.00177646	0.201575	-4.96092	0.00968534	3.24816	3.24816	0.632183	1.18955	1.18955	0.0815486	0.499147	-2.00342
cg22859370	GNA12	0.0158021	0.0913048	0.828275	-1.20733	0.504291	1.07106	1.07106	0.00824698	1.40821	1.40821	0.396855	1.09188	1.09188	0.228288	0.879751	-1.13669
cg13493071	GNA12	0.0166617	0.0307865	0.393574	-2.54082	0.00252708	0.214126	-4.67014	?	?	?	0.779627	0.902022	-1.10862	0.0166561	0.341413	-2.929
cg27241559	GNA12	0.0166643	0.275961	1.18291	1.18291	0.934589	0.987907	-1.01224	0.313302	0.856774	-1.16717	0.0962419	1.31092	1.31092	0.518846	0.907612	-1.10179
cg13985767	GNA12	0.0186069	0.135257	1.32881	1.32881	0.00140366	2.2632	2.2632	0.0586578	1.45808	1.45808	0.150821	0.761962	-1.3124	0.524843	1.1205	1.1205
cg21685565	GNA12	0.0244718	0.0052621	0.281194	-3.55627	0.294792	1.43351	1.43351	0.349509	1.37551	1.37551	0.300611	1.42682	1.42682	0.0150876	0.361535	-2.76599
cg18446336	GNA12	0.0250309	0.736841	1.18358	1.18358	0.0830145	2.60948	2.60948	0.276546	0.568027	-1.76048	0.222613	1.89738	1.89738	0.0186134	0.240355	-4.16051
cg05191928	GNA12	0.0302696	0.864202	0.987653	-1.0125	0.0746883	1.155	1.155	0.0100232	1.26609	1.26609	0.109385	1.13507	1.13507	0.0365449	1.19286	1.19286
cg24470309	GNA12	0.0306673	0.14591	0.596463	-1.67655	0.742091	0.896455	-1.11551	0.00513165	0.294151	-3.39962	0.616641	1.18183	1.18183	0.00795163	0.324219	-3.08433
cg12444411	GNA12	0.0325922	0.199146	0.502131	-1.99151	0.0127051	0.20753	-4.81857	0.147747	0.454484	-2.2003	0.641312	1.269	1.269	0.0137086	0.21275	-4.70035
cg17705631	GNA12	0.03334	0.433779	0.78169	-1.27928	0.688552	0.883163	-1.13229	0.866619	0.949485	-1.0532	0.0979642	1.75029	1.75029	0.0123796	0.382847	-2.61201
cg05316650	GNA12	0.0341286	0.390051	1.36535	1.36535	0.226156	1.5673	1.5673	0.63047	1.18694	1.18694	0.548461	1.23947	1.23947	0.0117054	0.328353	-3.0455
cg16688681	GNA12	0.0346707	0.693302	0.928134	-1.07743	0.00349908	0.474561	-2.10721	0.0422319	0.643867	-1.55312	0.102786	0.714728	-1.39913	0.61459	1.10024	1.10024
cg05308829	GNA12	0.0377685	0.490329	1.38804	1.38804	0.695355	1.20222	1.20222	0.897086	0.941239	-1.06243	0.0925855	2.37776	2.37776	0.00116169	0.10728	-9.3214
cg06173857	GNA12	0.0398732	0.479566	0.671119	-1.49005	0.591316	0.740258	-1.35088	0.412648	1.59164	1.59164	0.848206	1.11219	1.11219	0.00110957	0.0694948	-14.3896
cg15704521	GNA12	0.040169	0.589089	0.903548	-1.10675	0.66155	1.08538	1.08538	0.133948	1.35069	1.35069	0.0127405	0.562348	-1.77826	0.30424	1.21883	1.21883
cg18998543	GNA12	0.0498369	0.563377	0.813706	-1.22894	0.00201265	0.214855	-4.65431	0.025767	0.39281	-2.54576	0.526816	1.25394	1.25394	0.514171	0.791795	-1.26295
cg00904578	GNA13	0.000747328	0.365208	1.14977	1.14977	0.0855505	1.32986	1.32986	0.0304419	0.682803	-1.46455	0.248389	0.83444	-1.19841	0.034048	1.4493	1.4493
cg19328649	GNA13	0.00516296	0.00138892	0.579541	-1.7255	0.211833	0.856557	-1.16746	0.799752	0.97052	-1.03038	0.577905	1.06841	1.06841	0.000189359	0.476664	-2.09791
cg03182819	GNA13	0.0367119	0.342068	0.882378	-1.1333	0.965281	1.00558	1.00558	0.405585	1.11491	1.11491	0.0323703	0.725962	-1.37748	0.00619691	0.633656	-1.57814
cg27490352	GNA13	0.0410398	0.158199	0.854647	-1.17007	0.972402	1.00361	1.00361	0.00760728	0.69954	-1.42951	0.510391	1.07199	1.07199	0.0832303	1.22098	1.22098
cg25554496	GNA13	0.0497037	0.653176	0.917393	-1.09005	0.0613078	1.49466	1.49466	0.365532	0.837595	-1.19389	0.564027	1.11758	1.11758	0.0471224	1.54196	1.54196
cg13617671	GNA14	3.47E-05	0.0058618	1.93981	1.93981	1.44E-06	9.5023	9.5023	0.00197038	2.23318	2.23318	0.000163541	3.25832	3.25832	0.0122617	0.563753	-1.77383
cg09260830	GNA14	0.0011176	0.0409927	0.599531	-1.66797	0.17775	1.36436	1.36436	0.292549	1.26729	1.26729	0.178355	0.7333	-1.3637	0.752643	0.933714	-1.07099
cg14389939	GNA14	0.00244699	0.558526	1.09812	1.09812	0.175886	1.25792	1.25792	0.28577	1.19257	1.19257	0.659107	0.932223	-1.07271	0.687299	0.938043	-1.06605
cg13840089	GNA14	0.00550684	0.218898	0.852625	-1.17285	0.0500463	0.759182	-1.31721	0.688796	0.951573	-1.05089	0.398893	0.898983	-1.11237	0.707481	1.04758	1.04758
cg14232851	GNA14	0.0341463	0.0251274	0.116624	-8.57459	0.0525813	0.169007	-5.91693	0.0491177	0.163336	-6.12237	0.0499386	0.164697	-6.07175	0.0184068	0.0995509	-10.0451
cg24055461	GNA15	7.12E-07	3.78E-06	0.253449	-3.94557	0.765676	1.03874	1.03874	0.000604694	0.510494	-1.95889	0.106931	0.79948	-1.25081	3.78E-06	0.253448	-3.94559
cg19783761	GNA15	0.000319326	0.423851	0.879769	-1.13666	0.000235813	0.384514	-2.60069	3.58E-05	0.286478	-3.49067	0.125835	0.771236	-1.29662	0.00178433	0.497927	-2.00833
cg03188495	GNA15	0.000659929	0.00948216	0.531428	-1.88172	0.0115503	0.544728	-1.83578	7.00E-05	0.247596	-4.03883	0.0349615	0.623357	-1.60422	0.0114316	0.544027	-1.83814
cg21086326	GNA15	0.00255439	0.00354109	0.327062	-3.05753	0.00351543	0.326591	-3.06193	0.028267	0.480838	-2.0797	0.176335	0.666045	-1.5014	0.00215437	0.29584	-3.3802
cg03346706	GNA15	0.00369164	0.216956	0.621512	-1.60898	0.000247374	0.109095	-9.16636	0.023256	0.370473	-2.69925	0.619297	0.83246	-1.20126	0.00490576	0.25546	-3.91451
cg10022788	GNA15	0.0043227	0.00935627	0.60487	-1.65325	0.887448	1.02184	1.02184	0.000212919	0.38916	-2.56964	0.0949326	0.755831	-1.32305	0.00415579	0.556532	-1.79684
cg08353606	GNA15	0.00586787	0.681981	1.21399	1.21399	0.676607	1.21826	1.21826	0.0715946	0.387954	-2.57762	0.410845	1.48558	1.48558	0.00456844	0.16908	-5.91437
cg19047226	GNA15	0.0147049	0.336384	0.595683	-1.67874	0.0210717	0.234573	-4.26307	0.00513243	0.144849	-6.90374	0.0122718	0.195889	-5.10494	0.0121952	0.195475	-5.11574
cg03302088	GNA15	0.0155557	0.0655876	0.603482	-1.65705	0.00393763	0.387492	-2.5807	0.111561	0.654702	-1.52741	0.892295	1.03366	1.03366	0.0109218	0.45804	-2.18322
cg26924967	GNA15	0.0221769	0.282856	1.50609	1.50609	0.40115	0.729518	-1.37077	0.00124513	0.17709	-5.64683	0.200495	0.608815	-1.64253	0.791295	0.907254	-1.10223
cg07865607	GNA15	0.0244601	0.105494	2.10672	2.10672	0.0557285	0.401194	-2.49256	0.00364526	0.19071	-5.24358	0.466947	0.732067	-1.366	0.21402	0.576246	-1.73537
cg09190579	GNAI1	0.00878456	0.862495	0.928805	-1.07665	0.636943	0.81649	-1.22475	0.180701	1.84241	1.84241	0.0241484	0.307948	-3.2473	0.0110967	0.244921	-4.08294
cg16182691	GNAI1	0.0112301	0.669937	1.07613	1.07613	0.0011974	2.25304	2.25304	0.0715857	1.41096	1.41096	0.118319	1.33665	1.33665	0.0228793	0.627586	-1.59341
cg17298543	GNAI1	0.0216609	0.0108058	0.333182	-3.00136	0.305757	1.43911	1.43911	0.540631	1.23693	1.23693	0.177057	1.63646	1.63646	0.094866	0.532532	-1.87782
cg25702790	GNAI1	0.0265259	0.00081605	0.224629	-4.45178	0.138927	1.60217	1.60217	0.0872423	1.74852	1.74852	0.622495	0.863425	-1.15818	0.900765	1.03761	1.03761
cg25744767	GNAI1;GNAI1	0.0126282	0.835728	1.03534	1.03534	0.416733	1.14891	1.14891	0.000741089	2.35575	2.35575	0.870154	0.973009	-1.02774	0.61632	1.08817	1.08817
cg08240335	GNAI2	1.55E-05	0.000727381	0.258092	-3.87459	0.486338	1.20498	1.20498	0.487547	1.20433	1.20433	0.00407863	2.76248	2.76248	6.64E-07	0.0280987	-35.5888
cg00813746	GNAI2	0.00175957	0.000939195	0.227991	-4.38615	0.174685	0.648898	-1.54107	0.15846	0.636599	-1.57085	0.0266403	0.455217	-2.19676	0.00102964	0.232947	-4.29283
cg15972294	GNAI2	0.00238686	0.00160721	0.228488	-4.37659	0.147982	1.65937	1.65937	0.044879	0.471794	-2.11957	0.611555	0.846098	-1.1819	0.00030803	0.147863	-6.76303
cg17641710	GNAI2	0.00317886	0.000666827	0.260323	-3.84138	0.0333261	0.525862	-1.90164	0.0399301	0.541371	-1.84716	0.00673492	0.403379	-2.47906	0.00249838	0.337734	-2.96091
cg05060704	GNAI2	0.0322947	0.0303661	0.742234	-1.34728	0.0651693	0.784678	-1.27441	0.0136341	0.699509	-1.42957	0.283413	0.877633	-1.13943	0.506715	0.924135	-1.08209
cg09858208	GNAI2;GNAI2	0.000166079	0.527231	0.917726	-1.08965	0.610473	0.933463	-1.07128	0.475439	0.907315	-1.10215	0.555689	0.923227	-1.08316	0.245344	1.17687	1.17687
cg15245951	GNAI2;GNAI2	0.000357516	0.551254	1.11023	1.11023	0.189139	1.27287	1.27287	0.622905	0.917626	-1.08977	0.00141295	2.22883	2.22883	0.459337	0.877504	-1.1396
cg02748316	GNAI2;GNAI2	0.00312955	4.98E-05	0.0413584	-24.1789	0.227992	0.588903	-1.69807	0.2647	0.614822	-1.62649	0.385445	0.689133	-1.4511	0.346112	0.666313	-1.5008
cg00318899	GNAI2;GNAI2	0.00582161	0.0122419	0.424465	-2.35591	0.00469832	0.356411	-2.80575	0.163768	0.66495	-1.50387	0.215431	0.699058	-1.4305	0.00277967	0.322241	-3.10327
cg11118235	GNAI2;GNAI2	0.014919	0.0220907	0.455735	-2.19426	0.0170101	0.434659	-2.30065	0.771025	0.91984	-1.08715	0.581702	0.852733	-1.1727	0.0243375	0.463752	-2.15633
cg01944370	GNAI2;GNAI2	0.0236129	0.510511	1.08729	1.08729	0.0394933	0.741859	-1.34796	0.885235	0.982055	-1.01827	0.492018	1.09144	1.09144	0.617867	1.06509	1.06509
cg06181697	GNAI2;GNAI2	0.0397424	0.109056	2.26295	2.26295	0.0132951	4.19375	4.19375	0.0833414	2.44936	2.44936	0.0443566	2.94254	2.94254	0.723403	1.18065	1.18065
cg06268701	GNAI3	0.000635612	0.0482209	0.8255	-1.21139	0.0021163	1.44346	1.44346	0.035502	1.23112	1.23112	0.00990819	0.758234	-1.31885	0.699015	1.03355	1.03355
cg26282150	GNAI3	0.00208877	0.650225	0.85907	-1.16405	0.788435	0.914389	-1.09363	0.0424731	0.459575	-2.17592	0.686592	0.873737	-1.14451	3.86E-05	0.0724585	-13.801
cg19244300	GNAI3	0.00215207	0.0072852	0.48245	-2.07276	0.147617	1.38707	1.38707	0.209465	0.756855	-1.32126	0.976219	0.993742	-1.0063	0.000593659	0.327333	-3.05499
cg07104388	GNAI3	0.0100484	0.0919703	0.778192	-1.28503	0.973617	0.99582	-1.0042	0.000989246	2.29287	2.29287	0.133007	1.24117	1.24117	?	?	?
cg17861481	GNAI3	0.0102941	0.018955	0.340438	-2.93739	0.0733503	0.468967	-2.13235	0.00986712	0.290355	-3.44406	0.238255	1.59755	1.59755	0.26816	0.645708	-1.54869
cg08644463	GNAI3	0.0270917	0.486177	0.841073	-1.18896	0.691094	0.906926	-1.10263	0.0200843	1.98579	1.98579	0.195098	1.39822	1.39822	0.0172076	0.491654	-2.03395
cg20166438	GNAI3	0.032014	0.431059	0.762868	-1.31084	0.689667	0.873554	-1.14475	0.117566	0.564123	-1.77266	0.335589	0.715746	-1.39714	0.985371	0.993844	-1.00619
cg07838205	GNAI3	0.0475331	0.00269855	0.187749	-5.32626	0.303387	1.53746	1.53746	0.168172	1.80867	1.80867	0.508903	0.763091	-1.31046	0.164785	0.549925	-1.81843
cg16582156	GNAI3;GNAI3	0.0139217	?	?	?	0.0719627	2.15756	2.15756	?	?	?	0.151343	1.71524	1.71524	?	?	?
cg24858440	GNAL	0.00130093	0.636945	1.09436	1.09436	0.000286838	0.325325	-3.07385	0.170036	0.757911	-1.31942	0.00446633	2.05286	2.05286	0.0247789	0.602367	-1.66012
cg14735704	GNAL	0.00419011	0.150848	0.758232	-1.31886	0.0111894	0.564689	-1.77089	0.000355541	0.356766	-2.80296	0.136107	1.33471	1.33471	0.129538	0.74496	-1.34235
cg12253819	GNAL	0.00674299	0.12945	1.21201	1.21201	0.31549	0.885312	-1.12955	0.770255	0.966214	-1.03497	0.0105421	0.685461	-1.45887	0.0982546	1.23719	1.23719
cg02931159	GNAL	0.00904153	0.356991	1.15221	1.15221	0.125277	1.28165	1.28165	0.0130383	0.630866	-1.58512	0.0594274	1.37469	1.37469	0.00352914	0.553456	-1.80683
cg19488391	GNAL	0.0215995	0.911195	0.983216	-1.01707	0.0013384	2.02845	2.02845	0.621845	1.07834	1.07834	0.065432	0.730722	-1.36851	0.13248	0.781698	-1.27927
cg25952615	GNAL	0.0370296	0.100694	1.38392	1.38392	0.783995	1.05091	1.05091	0.859926	0.968584	-1.03244	0.0905367	1.40077	1.40077	0.00428419	0.501352	-1.9946
cg09331011	GNAL;GNAL	0.0144672	0.00670673	0.584258	-1.71157	0.0183542	1.54866	1.54866	0.0461035	1.41809	1.41809	0.0832925	0.745996	-1.34049	0.664692	1.06893	1.06893
cg15653282	GNAL;GNAL	0.0399003	0.900985	1.09076	1.09076	0.0379264	5.9022	5.9022	0.0573334	4.81047	4.81047	0.135963	0.315896	-3.1656	0.748966	1.25146	1.25146

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00057593	0.91546	1.03238	1.03238	0.00595877	0.33988	-2.94221	0.0315447	0.469176	-2.13139	0.348541	0.748519	-1.33597	4.12534	5.88552	1.26816	1
cg26580332	0.667939	0.864189	-1.15715	0.0899598	0.531457	-1.88162	0.0137466	0.356904	-2.80187	0.269839	0.677984	-1.47496	3.72225	6.74401	1.6105	1
cg07711097	0.367388	0.624263	-1.60189	0.004688	0.147679	-6.77144	0.0510671	0.322808	-3.09782	0.237934	0.533079	-1.87589	3.65287	14.9814	3.64557	1
cg01972576	0.00186536	0.578647	-1.72817	3.03E-06	0.25222	-3.96479	0.0117769	0.677107	-1.47687	0.00798875	0.656128	-1.52409	25.489	6.20207	0.216288	1
cg26187061	0.00531743	0.733419	-1.36348	0.000221542	0.594975	-1.68074	0.00389381	1.38835	1.38835	0.02285	1.25847	1.25847	20.4416	2.30711	0.100323	1
cg05212176	0.659038	0.930107	-1.07515	0.020122	1.58004	1.58004	0.134606	1.30111	1.30111	0.00103605	2.20955	2.20955	7.86532	3.3166	0.374821	1
cg06281719	0.000742584	0.245347	-4.07585	0.00324011	0.332318	-3.00916	0.018999	0.458813	-2.17953	0.806244	1.06974	1.06974	6.18614	7.3744	1.05963	1
cg25354744	0.211321	1.22158	1.22158	0.606488	1.08217	1.08217	0.488782	0.898632	-1.1128	0.121768	0.774968	-1.29038	5.21196	1.90672	0.325186	1
cg27583138	0.354535	0.67317	-1.48551	0.0207671	0.314555	-3.17909	0.00138939	0.145831	-6.85724	0.380822	0.688317	-1.45282	3.55108	9.70973	2.43049	1
cg26331192	0.18632	1.31582	1.31582	0.000589245	0.353459	-2.82919	0.0528482	0.649795	-1.53895	0.800027	0.951493	-1.05098	5.23837	3.18371	0.540238	1
cg12458485	0.161211	1.8399	1.8399	0.00177493	6.13116	6.13116	0.00498096	4.54791	4.54791	0.00943389	3.82173	3.82173	6.18112	16.254	2.33743	1
cg17765291	0.0679115	1.44934	1.44934	0.108029	0.727418	-1.37473	0.00736739	0.534303	-1.8716	0.954258	0.989643	-1.01047	9.58794	5.00208	0.463738	1
cg14569415	0.0329031	0.725044	-1.37923	0.00684354	0.636771	-1.57042	0.989607	0.998323	-1.00168	0.93694	1.01025	1.01025	8.48549	2.23149	0.233757	1
cg10020325	0.0277029	3.5698	3.5698	0.00128346	9.92478	9.92478	0.00691815	5.52375	5.52375	0.0355971	3.30698	3.30698	5.23612	19.8253	3.36556	1
cg03267697	0.0184314	4.66026	4.66026	0.00137119	12.1793	12.1793	0.00947621	5.86869	5.86869	0.0350946	3.74931	3.74931	5.2013	23.8715	4.07957	1
cg15195538	0.889831	1.01649	1.01649	0.296219	1.13634	1.13634	0.833256	1.02519	1.02519	0.270276	1.14506	1.14506	5.04605	1.11293	0.196049	1
cg06916012	0.0243597	1.8131	1.8131	0.561657	0.877973	-1.13899	0.765026	0.935688	-1.06873	0.508657	1.16032	1.16032	5.23122	4.07466	0.692366	1
cg23834837	0.0383523	0.767922	-1.30221	0.155139	0.845857	-1.18223	0.629949	1.05487	1.05487	0.0955246	1.22324	1.22324	3.8598	0.74018	0.170459	1
cg24745548	?	?	?	?	?	?	0.173016	1.67658	1.67658	?	?	?	7.13	2.69188	0.943859	1
cg04641912	0.525852	1.05006	1.05006	0.0349031	0.829594	-1.20541	0.10163	0.87268	-1.1459	0.021761	1.2328	1.2328	7.07581	0.647143	0.0812965	1
cg00589488	0.0873924	0.495307	-2.01895	0.0160564	0.333847	-2.99539	0.00702856	0.27324	-3.65978	0.034147	0.398382	-2.51015	4.6432	10.1928	1.9513	1
cg20001791	0.000726101	0.504483	-1.98223	0.000302966	2.18538	2.18538	4.36E-08	0.0774005	-12.9198	0.156489	1.22359	1.22359	101.164	28.3972	0.249514	1
cg14757107	0.016562	0.525735	-1.9021	0.000789062	0.328129	-3.04758	0.475268	1.1729	1.1729	0.000449268	0.296514	-3.37252	16.1152	12.3155	0.679301	1
cg10768391	0.0227371	0.343919	-2.90766	0.000256632	10.5514	10.5514	0.0177156	0.323329	-3.09283	0.00714124	3.8965	3.8965	13.347	32.3956	2.15749	1
cg02652321	2.74E-05	0.414481	-2.41266	0.00745615	1.44347	1.44347	0.267128	1.13106	1.13106	0.343811	1.10947	1.10947	12.3439	2.21868	0.159767	1
cg04658856	0.00013371	0.196295	-5.09437	0.0138226	0.473151	-2.11349	0.557695	0.864305	-1.157	0.0477158	0.573002	-1.74519	11.0545	10.5912	0.851632	1
cg00523901	0.00047952	0.426465	-2.34486	0.418984	0.87947	-1.13705	0.668052	1.0694	1.0694	0.91017	0.9826	-1.01771	6.36958	2.44024	0.340541	1
cg12174390	0.0120651	0.605008	-1.65287	0.412829	1.14386	1.14386	0.0736275	1.37736	1.37736	0.171774	1.26306	1.26306	4.5711	1.8658	0.362822	1
cg13586987	0.030707	0.297304	-3.36356	0.019098	0.257805	-3.8789	0.0117594	0.222279	-4.49884	0.0421656	0.32671	-3.06082	4.44551	16.0793	3.2151	1
cg20653689	0.000572826	0.55021	-1.81749	0.678069	0.954304	-1.04788	0.844566	0.978246	-1.02224	0.902151	0.986313	-1.01388	4.29374	0.853772	0.176748	1
cg25457331	0.651916	0.85476	-1.16992	0.0780066	0.508258	-1.9675	0.175381	0.607734	-1.64546	0.21999	0.640372	-1.56159	3.53083	6.67883	1.6814	1
cg11315141	0.139581	0.861168	-1.16121	1.39E-07	0.210482	-4.751	0.718521	1.03461	1.03461	0.0245884	1.28622	1.28622	43.0924	6.03239	0.124433	1
cg16461345	0.162116	1.14297	1.14297	0.0414812	0.810196	-1.23427	0.462528	1.06925	1.06925	0.3695	1.08601	1.08601	7.33715	0.93135	0.112832	1
cg07519822	0.000233309	0.448446	-2.22992	0.509658	1.09185	1.09185	0.00824525	0.641519	-1.5588	0.571658	0.927657	-1.07798	6.52801	1.78456	0.242996	1
cg01741121	0.763231	1.06303	1.06303	0.00696106	0.493465	-2.02649	0.592006	1.11566	1.11566	0.248943	1.27608	1.27608	3.84082	2.4896	0.576173	1
cg09399371	0.430927	0.695649	-1.43751	0.0138596	0.253399	-3.94634	0.174341	0.520834	-1.92	0.201772	0.544156	-1.83771	3.74822	12.0984	2.86913	1
cg02988826	0.0137907	0.38942	-2.56792	0.00160613	0.246154	-4.06249	0.000590638	0.193172	-5.17674	0.069	0.532369	-1.8784	7.1436	10.8595	1.35127	1
cg14616479	0.441392	0.881591	-1.13431	0.00303043	0.520881	-1.91982	0.303056	0.842601	-1.1868	0.709916	1.06182	1.06182	4.48986	1.83264	0.362821	1
cg06064855	0.332596	0.888638	-1.12532	0.00770599	0.667371	-1.49842	0.20478	1.17122	1.17122	0.0264958	1.3644	1.3644	4.17706	0.923063	0.19643	1
cg04502857	0.204252	1.16919	1.16919	0.100879	1.23323	1.23323	0.395253	1.10692	1.10692	0.701253	1.046	1.046	3.94759	0.851043	0.191632	1
cg01634119	0.456745	0.901319	-1.10949	0.195774	1.20628	1.20628	0.895858	1.01811	1.01811	0.174172	1.21916	1.21916	3.81866	1.13647	0.264541	1
cg00801868	0.0976296	0.782917	-1.27727	0.000311854	0.455059	-2.19752	0.983523	0.997223	-1.00278	0.3791	1.12919	1.12919	6.03932	1.73427	0.255256	1
cg21736089	0.0383903	0.660931	-1.51302	0.101228	0.733623	-1.3631	0.582194	1.10066	1.10066	0.836974	0.965062	-1.0362	40.2718	19.0017	0.41941	1
cg10816922	0.00369408	0.496846	-2.0127	0.0691577	0.695928	-1.43693	0.331564	0.836445	-1.19554	0.656946	0.923404	-1.08295	12.3738	6.22853	0.447434	1
cg03680769	0.00310565	0.417905	-2.39289	0.141505	0.711077	-1.40632	0.346626	0.811375	-1.23248	0.0028021	0.411372	-2.43089	8.94213	6.58767	0.654845	1
cg24366168	0.129896	0.417626	-2.39448	0.000410993	0.0500965	-19.9615	0.107849	2.55085	2.55085	0.8197	1.12958	1.12958	7.28426	32.8615	4.01005	1
cg05370802	0.433588	0.876685	-1.14066	0.24969	1.21913	1.21913	0.150551	1.28889	1.28889	0.476173	0.887521	-1.12673	7.13883	3.06705	0.381893	1
cg14917512	0.710938	1.32827	1.32827	0.000230844	0.00624621	-160.097	0.111	0.2616	-3.82263	0.268461	0.413175	-2.42028	7.40819	66.7059	7.00339	1
cg11852212	0.0208	0.277993	-3.59721	0.00668356	0.198154	-5.04659	0.262126	0.583949	-1.71248	0.0345402	0.321738	-3.10811	5.8865	19.7324	2.97969	1
cg03063057	0.0120058	0.354786	-2.8186	0.508009	1.24868	1.24868	0.81835	0.926743	-1.07905	0.158555	0.607482	-1.64614	5.52909	9.57725	1.53969	1
cg18505103	0.116856	0.761844	-1.3126	0.0014255	0.478669	-2.08913	0.0261679	1.52385	1.52385	0.714807	1.06035	1.06035	5.47289	2.20975	0.3589	1
cg03243311	0.00596388	1.87768	1.87768	0.00864376	1.79804	1.79804	0.308734	0.831416	-1.20277	0.301171	1.20652	1.20652	4.0538	1.9719	0.432383	1
cg20336172	0.281385	0.802341	-1.24635	0.0985779	0.700259	-1.42804	0.474005	0.866553	-1.154	5.85E-05	0.231289	-4.3236	13.9085	8.52313	0.54471	1
cg01498219	0.953477	1.0158	1.0158	0.406143	0.795818	-1.25657	0.3184	1.31934	1.31934	0.362398	0.777572	-1.28605	10.6313	12.16	1.01671	1
cg26247093	0.307314	0.843486	-1.18556	0.285945	1.19541	1.19541	0.483034	1.12167	1.12167	0.00140622	0.474805	-2.10613	10.4531	4.29479	0.365209	1
cg18242990	0.145031	0.795733	-1.2567	0.0138067	0.641265	-1.55942	0.291781	1.17316	1.17316	0.580094	1.08501	1.08501	9.50546	3.20881	0.300067	1
cg09658497	0.894587	0.941654	-1.06196	0.00287231	0.155722	-6.42168	0.00335715	6.10828	6.10828	0.414549	1.45969	1.45969	8.79214	28.636	2.89511	1
cg19524238	0.146365	0.716893	-1.39491	0.000597177	0.322724	-3.09862	0.763212	0.937537	-1.06662	0.0743121	1.52883	1.52883	8.00498	5.77732	0.641524	1
cg13928313	0.137344	0.729653	-1.37051	0.0010187	2.61058	2.61058	0.816866	1.04675	1.04675	0.643804	1.09605	1.09605	7.45756	4.58214	0.546159	1
cg24610790	0.0282473	0.603753	-1.65631	0.431973	0.85537	-1.16909	0.129425	0.726773	-1.37595	0.00674215	0.504476	-1.98225	7.3133	4.39492	0.534177	1
cg11018271	0.537464	0.907861	-1.10149	0.000268829	2.52292	2.52292	0.983109	1.00328	1.00328	0.91208	0.983046	-1.01725	6.79658	2.57986	0.337406	1
cg16765393	0.357234	1.4509	1.4509	0.00397846	0.218283	-4.58121	0.351856	0.686187	-1.45733	0.0268029	0.356602	-2.80425	6.5038	15.9153	2.17519	1
ch.7.141697R	0.396504	0.70583	-1.41677	0.576729	0.797513	-1.2539	0.803622	0.904865	-1.10514	0.527954	0.773701	-1.29249	6.42936	16.3935	2.26647	1
cg19717773	0.301804	1.76971	1.76971	0.0878167	0.365923	-2.73281	0.0020706	10.1162	10.1162	0.142219	2.32066	2.32066	5.86423	26.4435	4.00826	1
cg18634690	0.356799	0.704248	-1.41995	0.0106536	0.304864	-3.28016	0.968976	0.985715	-1.01449	0.223555	0.623073	-1.60495	5.53946	12.0078	1.92682	1
cg06895747	0.860389	1.06542	1.06542	0.0152841	0.342335	-2.92111	0.817097	0.919996	-1.08696	0.904519	1.04414	1.04414	5.47739	11.2387	1.82385	1
cg22859370	0.0506764	1.25308	1.25308	0.0111183	1.38058	1.38058	0.0326568	0.776254	-1.28824	0.452393	0.92537	-1.08065	5.09202	0.827827	0.14451	1
cg13493071	0.229328	0.628947	-1.58996	0.00693252	0.276808	-3.61261	0.0297781	0.390577	-2.56031	0.193061	0.602691	-1.65923	5.0965	9.69578	1.90244	1
cg27241559	0.591106	0.92276	-1.08371	0.00042939	0.437821	-2.28404	0.682507	1.06286	1.06286	0.314095	1.16685	1.16685	5.00271	1.74071	0.309292	1
cg13985767	0.122887	0.74443	-1.34331	0.0313192	1.56204	1.56204	0.249805	1.23659	1.23659	0.414502	1.15868	1.15868	4.82097	2.38036	0.43889	1
cg21685565	?	?	?	0.775676	1.09878	1.09878	0.182831	1.6003	1.6003	0.117942	1.76255	1.76255	4.93916	7.39442	1.30996	1
cg18446336	0.787467	0.873681	-1.14458	0.126779	0.438081	-2.28268	0.00503356	6.38543	6.38543	0.168359	2.08248	2.08248	4.35536	17.2261	3.51568	1
cg05191928	0.0318173	1.20036	1.20036	0.0133317	1.24922	1.24922	0.0277255	1.20787	1.20787	0.480101	0.949234	-1.05348	4.07386	0.339891	0.0741619	1
cg24470309	0.65101	0.860078	-1.16269	0.0737785	1.93422	1.93422	0.482718	1.26635	1.26635	0.322111	0.712798	-1.40292	4.05499	7.03612	1.54238	1
cg12444411	0.673132	0.80618	-1.24042	0.167568	0.473817	-2.11052	0.0751006	2.73572	2.73572	0.107258	2.44166	2.44166	3.96772	16.202	3.62973	1
cg17705631	0.558283	0.833139	-1.20028	0.135453	0.608839	-1.64247	0.006154	3.01036	3.01036	0.513897	1.22646	1.22646	3.93552	5.92692	1.33867	1
cg05316650	0.035264	2.37966	2.37966	0.0499336	2.20459	2.20459	0.0162806	2.8257	2.8257	0.223564	1.57165	1.57165	3.90252	7.72659	1.75991	1
cg16688681	0.168984	0.759012	-1.3175	0.0696467	1.46487	1.46487	0.479956	0.873622	-1.14466	0.366878	1.19055	1.19055	3.88037	2.17567	0.498387	1
cg05308829	0.615694	0.789112	-1.26725	0.231441	1.79927	1.79927	0.782997	0.878799	-1.13792	0.95677	0.974951	-1.02569	3.76153	13.0467	3.08306	1
cg06173857	0.651197	1.28729	1.28729	0.0532417	0.295659	-3.38227	0.610837	0.752189	-1.32945	0.477649	1.49273	1.49273	3.68745	17.9812	4.3345	1
cg15704521	0.698794	0.930235	-1.075	0.191516	1.29327	1.29327	0.745232	1.06252	1.06252	0.00664149	0.519352	-1.92548	3.67742	2.01464	0.48697	1
cg18998543	0.283372	0.674808	-1.4819	0.301189	0.685213	-1.4594	0.0683591	0.486692	-2.05469	0.901443	0.957222	-1.04469	3.39234	6.69072	1.75316	1
cg00904578	0.096751	1.31453	1.31453	2.42E-05	0.283094	-3.53239	0.364124	0.869453	-1.15015	0.0193189	0.654169	-1.52866	12.7743	4.55213	0.316755	1
cg19328649	0.358873	0.894881	-1.11747	0.788656	1.03213	1.03213	0.906011	1.014	1.014	0.21632	0.857986	-1.16552	7.26703	1.59506	0.195104	1
cg03182819	0.338978	0.881626	-1.13427	0.117841	1.24246	1.24246	0.0533777	1.32382	1.32382	0.815076	1.0304	1.0304	3.80067	0.983597	0.230041	1
cg27490352	0.532045	0.936227	-1.06812	0.0747725	0.813318	-1.22953	0.0402075	0.781305	-1.27991	0.0581744	0.800191	-1.2497	3.64843	0.626326	0.152596	1
cg25554496	0.0619093	1.49293	1.49293	0.779948	1.05484	1.05484	0.0376677	0.631552	-1.5834	0.0573504	0.663781	-1.50652	3.39579	1.95414	0.511519	1
cg13617671	0.00226344	2.19204	2.19204	0.000134028	3.37265	3.37265	0.42611	1.16102	1.16102	0.0566363	1.48645	1.48645	29.3109	15.6675	0.475138	1
cg09260830	0.0970481	0.673627	-1.4845	0.200745	0.745912	-1.34064	0.987614	1.00337	1.00337	2.34E-05	6.25457	6.25457	11.4006	8.49682	0.662482	1
cg14389939	0.282349	1.1942	1.1942	0.428781	1.13653	1.13653	0.214017	1.23155	1.23155	2.84E-05	4.30434	4.30434	10.7722	4.16597	0.300792	1
cg13840089	0.408577	1.10984	1.10984	0.000206161	2.15212	2.15212	0.0146949	1.44819	1.44819	0.712996	1.04661	1.04661	7.12483	1.71554	0.214029	1
cg14232851	0.086478	0.217039	-4.60746	0.00372595	0.0424133	-23.5775	0.476398	0.557591	-1.79343	0.0754366	0.202578	-4.93636	3.90179	40.2147	9.16153	1
cg24055461	5.51E-07	0.171172	-5.84208	3.81E-08	0.083268	-12.0094	0.354237	0.885863	-1.12884	0.00726095	0.6438	-1.55328	79.9757	20.4803	0.227627	1
cg19783761	0.000425348	0.416808	-2.39919	0.0086333	0.591478	-1.69068	0.00044087	0.418791	-2.38782	0.0528011	0.708076	-1.41228	16.1712	6.29885	0.346231	1
cg03188495	0.0372865	0.628179	-1.5919	7.83E-05	0.253037	-3.95199	0.00252465	0.446424	-2.24002	0.014944	0.56238	-1.77816	13.2274	7.74957	0.520774	1
cg21086326	0.00678773	0.370907	-2.69609	0.000918809	0.246561	-4.05579	0.00095145	0.248477	-4.02452	0.0501347	0.531838	-1.88027	8.97498	11.3613	1.12523	1
cg03346706	0.0511645	0.443513	-2.25473	0.00117984	0.175167	-5.70883	0.22954	0.630288	-1.58658	0.0197332	0.35669	-2.80355	8.04426	17.076	1.88689	1
cg10022788	0.155416	0.793028	-1.26099	0.508982	1.1076	1.1076	0.0169549	0.641323	-1.55928	0.753858	0.95315	-1.04915	7.6706	2.82694	0.327593	1
cg08353606	0.0127082	0.232828	-4.29502	0.000703509	0.08796	-11.3688	0.00770792	0.199635	-5.00914	0.125028	0.457712	-2.18478	6.98699	24.5122	3.11846	1
cg19047226	0.0482612	0.307401	-3.25308	0.00344697	0.125444	-7.97166	0.0317714	0.26835	-3.72648	0.0885666	0.374599	-2.66952	5.21482	22.5593	3.84534	1
cg03302088	0.0374162	0.554177	-1.80448	0.0270284	0.527374	-1.89619	0.00432539	0.393699	-2.54001	0.839708	1.05074	1.05074	5.11866	4.84241	0.840918	1
cg26924967	0.0221371	0.365398	-2.73674	0.131544	1.81746	1.81746	0.379472	0.718292	-1.39219	0.128097	0.54679	-1.82885	4.54144	9.68714	1.89605	1
cg07865607	0.0113362	0.262938	-3.80317	0.378154	1.46371	1.46371	0.880798	1.06526	1.06526	0.130902	0.502972	-1.98818	4.3904	12.3434	2.49907	1
cg09190579	0.014729	0.266593	-3.75103	0.00058173	0.0873866	-11.4434	0.56174	1.28446	1.28446	0.696493	0.846113	-1.18187	7.02826	19.7724	2.1881	1
cg16182691	0.900078	1.02173	1.02173	0.0932008	1.37163	1.37163	0.0137381	1.68424	1.68424	0.741917	0.94502	-1.05818	5.69438	2.64074	0.412217	1
cg17298543	0.124856	1.76883	1.76883	0.34028	1.40125	1.40125	0.0336491	2.34374	2.34374	0.0205946	0.383907	-2.6048	4.57826	8.54458	1.65897	1
cg25702790	0.573136	0.844948	-1.1835	0.577652	1.18112	1.18112	0.586658	0.850054	-1.1764	0.896482	1.03927	1.03927	4.26808	5.91965	1.23285	1
cg25744767	0.243791	0.815488	-1.22626	0.0133018	0.598688	-1.67032	0.0907472	0.732219	-1.36571	0.740196	1.05724	1.05724	5.48179	2.42868	0.393818	1
cg08240335	0.086039	1.6488	1.6488	0.0122827	2.27528	2.27528	0.00667082	2.52904	2.52904	0.000993234	3.63077	3.63077	36.2073	39.8483	0.978276	1
cg00813746	0.0128297	2.52396	2.52396	0.781957	1.08667	1.08667	0.00311949	0.297914	-3.35667	0.139407	1.61042	1.61042	10.0075	14.2237	1.26338	1
cg15972294	0.0269827	0.425445	-2.35048	0.0066872	0.317273	-3.15186	0.310027	1.40886	1.40886	0.0209181	0.403808	-2.47643	9.15586	15.4401	1.49899	1
cg17641710	0.0217955	0.490944	-2.03689	0.082139	0.607933	-1.64492	0.153683	1.48396	1.48396	0.00331996	0.355862	-2.81008	8.41205	8.89627	0.940057	1
cg05060704	0.0299618	1.34861	1.34861	0.447349	0.913291	-1.09494	0.069924	0.788719	-1.26788	0.265583	1.14554	1.14554	3.98079	0.864793	0.193104	1
cg09858208	0.652782	0.941108	-1.06258	0.599321	1.07364	1.07364	1.47E-06	5.14586	5.14586	0.618529	0.934934	-1.06959	19.3188	5.49607	0.252883	1
cg15245951	0.687646	1.07262	1.07262	0.185545	1.27569	1.27569	4.76E-06	6.14683	6.14683	0.0487566	1.47753	1.47753	15.6774	7.46945	0.423508	1
cg02748316	0.221047	0.583743	-1.71308	0.453691	1.37627	1.37627	0.165908	1.85569	1.85569	0.0209957	0.312901	-3.1959	8.45128	23.4358	2.46493	1
cg00318899	0.438396	0.804904	-1.24238	0.110721	0.620517	-1.61156	0.0051455	2.75829	2.75829	0.150758	0.655174	-1.52631	7.00406	8.36371	1.06144	1
cg11118235	0.891111	1.04	1.04	0.00206849	0.288817	-3.4624	0.0643753	1.813	1.813	0.25265	0.710267	-1.40792	5.18998	6.73849	1.1541	1
cg01944370	0.00888097	1.51816	1.51816	0.0025835	1.68819	1.68819	0.154155	1.21078	1.21078	0.351351	1.12779	1.12779	4.44433	1.10647	0.2213	1
cg06181697	0.918442	1.04903	1.04903	0.862417	1.08444	1.08444	0.002584	7.04144	7.04144	0.797374	1.12777	1.12777	3.69191	12.7703	3.07466	1
cg06268701	0.22445	1.11449	1.11449	8.24E-05	0.54744	-1.82668	0.263158	0.90566	-1.10417	0.00690237	0.743012	-1.34587	13.367	1.52753	0.101579	1
cg26282150	0.323122	0.712052	-1.40439	0.0263376	0.416212	-2.40262	0.0868715	1.87613	1.87613	0.342412	1.38472	1.38472	9.52056	16.6963	1.55885	1
cg19244300	0.194134	0.748781	-1.3355	0.432046	0.844617	-1.18397	0.00264596	2.40126	2.40126	0.005228	0.460289	-2.17255	9.43789	6.62962	0.624398	1
cg07104388	?	?	?	?	?	?	0.286886	0.86622	-1.15444	0.183401	1.20443	1.20443	10.649	1.65578	0.129572	1
cg17861481	0.0152039	0.3228	-3.09789	0.00245958	0.202436	-4.93983	0.947958	1.02506	1.02506	0.00818577	0.277148	-3.60818	5.85601	13.3387	2.02469	1
cg08644463	0.190454	0.712393	-1.40372	0.235337	0.737702	-1.35556	0.0116802	2.16142	2.16142	0.813611	1.05947	1.05947	4.23662	4.0143	0.842244	1
cg20166438	0.521208	1.24482	1.24482	0.000540736	0.163349	-6.12187	0.762254	0.902858	-1.10759	0.632881	1.17596	1.17596	3.99325	7.17413	1.59695	1
cg07838205	0.0672661	0.437166	-2.28746	0.666124	0.839326	-1.19143	0.2267	0.599208	-1.66887	0.789267	1.11414	1.11414	3.45369	8.90544	2.29202	1
cg16582156	?	?	?	0.00310039	11.9018	11.9018	?	?	?	0.0126644	4.5351	4.5351	22.8174	12.061	0.396441	1
cg24858440	0.974008	0.993839	-1.0062	0.00123224	2.45026	2.45026	0.194439	0.770774	-1.2974	0.688983	1.0793	1.0793	10.9168	6.22009	0.506463	1
cg14735704	0.995609	1.00099	1.00099	0.0109742	1.77491	1.77491	0.580331	1.10561	1.10561	0.754648	1.05798	1.05798	7.74322	3.96311	0.454948	1
cg12253819	0.00882148	0.676143	-1.47898	0.00152239	0.585223	-1.70875	0.292722	1.13669	1.13669	0.140796	1.20435	1.20435	6.69263	1.46016	0.193932	1
cg02931159	0.0194076	0.655272	-1.52608	0.885657	0.97871	-1.02175	0.0191924	0.654581	-1.5277	0.59889	1.08262	1.08262	6.10345	2.16216	0.314891	1
cg19488391	0.725492	0.947923	-1.05494	0.0797756	0.744559	-1.34308	0.159406	0.796027	-1.25624	0.797517	1.03978	1.03978	4.58271	1.6705	0.32402	1
cg25952615	0.213102	1.26738	1.26738	0.0495621	0.667049	-1.49914	0.415147	0.86026	-1.16244	0.592552	0.906996	-1.10254	3.78876	1.95961	0.459748	1
cg09331011	0.475902	0.895118	-1.11717	0.107178	0.764317	-1.30836	0.764206	1.04705	1.04705	0.0295956	1.47915	1.47915	5.24293	1.93975	0.328867	1
cg15653282	0.2893	0.45933	-2.17708	0.121573	3.34168	3.34168	0.0301603	0.150914	-6.62627	0.0334952	0.159161	-6.28295	4.52814	33.2601	4.89681	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(347T vs. N)	p-value(347T vs. 477T)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(537T vs. 637T)	Fold-Change(5-vs-637T vs. N)	p-value(563T vs. N)	Fold-Change(5-vs-563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg23803401	GNAL;GNAL;GNAL	4.98E-07	0.00355804	1.78E15	-1.27202	0.00093321	1.15114	1.35114	0.00294225	1.28245	1.28245	0.346693	0.942679	-1.06081	4.93E-05	0.628478	1.59114	0.210892	0.922837	-1.08361	7.59E-09	0.231949	-4.3113	0.00549499	0.800619	-1.24903	0.002143309	0.66204	-1.51068	87.5884	5.14771	0.0522415	1
cg24721056	GNAL;GNAL;GNAL	1.05E-05	0.00014401	0.400492	-2.49693	0.00103036	0.507801	-1.96927	0.00492603	0.595078	-1.68045	0.13712	0.800002	-1.25	4.69E-06	0.23183	-4.3135	3.11E-05	0.322284	-3.10286	4.91E-06	0.233868	-4.27592	0.00202243	1.83449	1.83449	0.00010202	0.383301	-2.60891	40.0236	12.3096	0.273385	1
cg00595212	GNAL;GNAL;GNAL	0.000476106	0.0097202	0.748836	-1.33541	0.153383	1.27948	1.27948	0.142444	0.776642	-1.2876	0.10625	1.32685	1.32685	0.000291729	0.387992	-2.57737	0.018845	0.633745	-1.57792	0.000347691	0.397618	-2.51498	0.000655166	2.31004	2.31004	0.7006884	1.06388	1.06388	14.4858	5.89675	0.36184	1
cg15008823	GNAL;GNAL;GNAL	0.00121475	0.0428877	0.535708	-1.86569	0.008590755	3.82133	3.82133	0.01917007	4.668067	-2.13646	0.007862004	4.400574	-2.49642	0.0896348	1.65075	1.65075	0.183459	0.945161	-1.05802	0.000749176	0.254122	-3.93512	0.04932844	0.5483	-1.82382	0.113385	1.5864	1.5864	11.1329	12.6508	1.01008	1
cg05448443	GNAL;GNAL;GNAL	0.0122599	0.550938	1.06584	1.006584	0.0014413	1.62698	1.62698	0.112256	1.20049	0.0594288	1.25213	1.25213	0.775756	1.03064	1.03064		0.782505	0.97118	-1.02967	0.003978447	1.505553	1.505553	0.106518	0.8300072	-1.20471	0.0566851	1.25603	1.25603	5.53485	0.978896	0.157209	1
cg14364474	GNAL;GNAL;GNAL	0.0202016	0.0609631	0.751648	-1.33041	0.914824	0.985039	-1.01519	0.783562	1.03956	1.03956	0.188146	1.21713	1.21713	0.457545	0.888801	-1.11248	0.2210183	1.1987	1.1987	0.000557088	2.12658	2.12658	0.40243	1.12833	1.12833	0.909637	0.98413	-1.01613	4.68855	14.4715	0.279481	1
cg24312850	GNAL;GNAL;GNAL	0.0321271	0.48853	0.88308	-1.1324	0.0206501	1.63639	1.63639	0.111194	1.35881	1.35881	0.542582	1.11507	1.11507	0.0146249	1.70104	1.70104	0.0441942	1.50453	1.50453	0.0165362	1.67763	1.67763	0.340532	0.840665	-1.18953	0.314145	0.831986	-1.20194	3.98821	1.97221	0.439565	1
cg03512931	GNAL;GNAL;GNAL	0.0402085	0.8085194	0.959806	-1.04168	0.335625	1.28957	1.28957	0.863998	1.044754	-1.05848	0.007656101	0.351727	-3.05832	0.124106	0.585104	-1.70884	0.0225579	0.415281	-2.40801	0.4448185	1.282337	1.28237	0.524316	0.8124435	-1.23087	0.0115817	0.362148	2.7613	5.67009	6.02779	1.45754	1
cg12327405	GNAL;GNAL;GNAL	0.0418501	0.0790578	2.72307	2.372027	0.0323965	3.31991	3.31991	0.889936	1.06332	1.0632	0.148094	1.98482	1.98482	0.815526	1.08646	1.08646	0.0232112	3.3233	3.3233	0.0147035	3.77758	3.77758	0.00708617	6.46429	6.46429	0.456825	1.39848	1.39848	3.62212	11.2371	2.75764	1
cg27449777	GNAL;GNAL;GNAL;CHMP1B	0.000430957	0.239335	1.16509	1.16509	0.942503	1.00898	1.00898	0.02454	1.39396	1.39396	0.0292422	0.72721	-1.37512	8.87E-05	0.41875	-2.38806	0.0036667	0.614354	-1.62773	0.000175305	0.454161	-2.20186	0.226029	0.854151	-1.17075	0.0738938	1.28022	1.28022	14.8907	3.62649	0.216481	1
cg20722436	GNAL;GNAL;GNAL;CHMP1B	0.0479573	1.20611	1.5442	1.5442	0.2040751	1.95086	1.95086	0.240847	1.84432	1.84432	0.839397	0.993789	-1.00645	0.0705787	0.365181	-2.73837	0.341246	1.6305	1.6305	0.079027	1.01891	1.01891	0.00327098	0.135544	-7.37767	0.755592	0.855852	-1.16843	1.44213	13.5479	3.4986	1
cg01504751	GNAO1	0.000210684	0.0369729	3.82999	3.82999	0.24499	1.9623	1.9623	0.0568582	1.30248	1.30248	0.110854	2.56187	2.56187	0.00195763	0.088318	-11.3227	0.0234486	4.4843	4.4843	4.134-05	0.0313573	-76.0035	0.00173212	11.9043	11.9043	0.00357437	0.112182	-8.91407	18.1136	88.1473	4.32565	1
cg03030177	GNAO1	0.0214016	0.023771	4.6638	4.6638	0.113385	2.66807	2.66807	0.0418771	3.83124	3.83124	0.130111	2.61711	2.61711	0.0143357	0.178561	-5.60201	0.0500624	3.57845	3.57845	0.00154778	0.0784478	-13.4122	0.000984617	16.3638	16.3638	0.039572	0.257107	-3.88944	10.686	55.1666	4.5839	1
cg09965996	GNAO1	0.0180951	0.0338502	7.30242	7.30242	0.0775798	4.82726	4.82726	0.00818479	15.1117	15.1117	0.864085	0.871542	-1.14739	0.741944	0.767072	-1.30366	0.0109277	12.9813	12.9813	0.463212	1.8207	1.8207	0.00225346	30.8966	30.8966	0.917349	1.08687	1.08687	4.8665	49.6372	9.06647	1
cg07024458	GNAO1	0.0203554	0.254751	1.86065	1.86065	0.2629277	3.95905	3.95905	0.0114043	5.22546	5.22546	0.407837	1.55596	1.55596	0.299099	0.540754	-1.84927	0.0765142	2.79787	2.79787	0.362699	2.76137	2.76137	0.0497721	6.43545	6.61543	0.141063	0.437539	-2.28551	4.67647	20.1947	3.83855	1
cg16475558	GNAO1	0.0255316	0.46784	-2.1373	0.1046571	0.325095	-3.07603	0.0104473	0.232556	-3.00066	0.990406	0.958817	-1.04295	0.0641194	0.289001	-4.4602		0.2203269	0.699229	-1.43056	0.0235908	0.388193	-2.57604	0.642442	1.17782	1.17782	0.0991462	0.531114	-1.88283	4.55404	8.45105	1.72401	1
cg10482356	GNAO1;GNAO1	0.00173787	0.00285148	4.21175	4.21175	0.00258605	4.31605	4.31605	0.0144146	2.875	2.875	0.0518518	2.17011	2.17011	0.22281	1.56605	1.56605	0.0024468	4.37661	4.37661	0.000417548	7.09675	7.09675	0.000740934	6.01396	6.01396	0.00617308	0.34939	3.49309	10.0435	19.5062	1.72638	1
cg07736101	GNAO1;GNAO1;GNAO1	0.00210984	0.0230512	5.73942	-1.74568	0.0962106	4.56436	-2.16527	0.491845	1.15387	1.15387	0.108844	1.4454	1.4454	0.00759399	0.429209	-2.32978	0.0357632	1.65014	1.65014	0.0274938	1.70706	1.70706	0.00306206	2.29643	2.29643	0.590947	0.894737	-1.11765	9.49263	6.31794	0.591611	1
cg00417823	GNAO1;GNAO1;GNAO1	0.00618645	0.0671165	1.41771	1.417771	0.0656725	0.538711	-1.85628	0.18579	0.787706	-1.26951	0.00181006	0.126555	0.126555	0.078063	0.972207	-1.02806	0.0400634	0.669153	-1.49443	0.1079227	0.742033	-1.34763	0.248415	0.8144463	-1.2278	0.0953931	1.36564	1.36564	6.87385	3.14968	0.4073	1
cg04037585	GNAO1;GNAO1	0.0141943	0.137009	2.06417	2.06417	0.00308047	6.25245	6.25245	0.000891658	9.50134	9.50134	0.11607	2.16571	2.16571	0.795325	1.12481	1.12481	0.0728815	2.47312	2.47312	0.0306936	3.15363	3.15363	0.0510095	2.73366	2.73366	0.17894	1.90791	1.90791	5.27592	17.1054	2.88193	1
cg08688835	GNAO1;GNAO1	0.0163601	0.0905441	0.445939	-2.24417	0.00135764	0.913184	-7.50857	0.0703868	0.443062	-2.40149	0.645119	1.22415	1.22415	0.0486518	0.576791	-1.73402	0.098228	0.455612	-2.19485	0.0031284	0.175555	-5.76183	0.478584	0.73185	-1.3654	0.11699	0.478012	-2.092	5.03355	14.9777	2.64496	1
cg07823688	GNAO1;GNAO1;GNAO1	0.0184456	0.4028852	0.779217	-1.28394	0.000529167	0.207458	-4.82025	0.0748984	0.560998	-1.78254	0.284652	0.723351	-1.38245	0.706811	0.895735	-1.1164	0.759376	1.09365	1.09365	0.730352	1.10608	1.10608	0.00797788	0.567483	-1.76237	0.1380885	1.59247	1.59247	4.85315	6.50245	1.1954	1
cg04930816	GNAO1;GNAO1;GNAO1	0.0261327	0.307357	1.3658	1.3658	0.1533216	1.1345	1.1345	0.0447716	1.52405	1.52405	0.197312	0.920429	-1.08625	0.2483355	1.12481	1.12481	0.282609	1.30303	1.30303	0.0142386	2.44003	2.44003	0.00530809	2.95608	2.95608	0.0264453	1.7127	1.7127	4.9645	9.91416	2.02529	1
cg10139742	GNAO1;GNAO1;GNAO1	0.0153558	0.360624	0.857357	-1.16637	0.376338	0.861856	-1.16029	0.780148	0.955211	-1.04689	0.207407	0.804362	-1.24322	0.459725	0.884029	-1.13118	0.467006	0.885854	-1.12885	0.000755711	0.433277	-2.30799	0.0353662	0.66949	-1.49367	0.533402	1.10882	1.10882	3.85299	1.6364	0.33752	1
cg07790747	GNAO1;GNAO1	0.0383777	0.235224	1.46359	1.46359	0.274763	1.4161	1.4161	0.101702	1.73075	1.73075	0.0167639	1.44436	1.44436	0.0773266	0.548137	-1.82436	0.167722	1.56861	1.56861	0.587034	1.18282	1.18282	0.0046264	3.16946	3.16946	0.225472	1.4766	1.4766	3.73957	5.55172	1.31963	1
cg08535918	GNAO1;GNAO1;GNAO1	0.0195015	0.1134115	2.55078	2.55078	0.0048542	7.61528	7.61528	0.00446481	8.85689	8.85689	0.175766	2.09004	2.09004	0.221877	1.28335	1.28335	0.0264192	2.7188	2.7188	0.0633189	3.10315	3.10315	0.0830246	2.83853	2.83853	0.117522	2.51959	2.51959	3.70017	17.3161	4.15984	1
cg02775369	GNAO1;GNAO1	0.0476961	0.7406624	1.05415	1.05415	0.427526	0.879337	-1.13722	0.618663	0.923439	-1.08291	0.827937	0.966039	-1.03516	0.0105395	0.600024	-1.6666	0.610132	1.08505	1.08505	0.00724918	1.73306	1.73306	0.155026	1.27324	1.27324	0.527647	1.10692	1.10692	3.44924	1.37641	0.35471	1
cg00866795	GNAO1;GNAO1;LOC283856	0.0041004	0.0241503	0.145017	-6.89545	0.0394674	3.90491	3.90491	0.208174	2.98947	2.98947	0.00483977	2.0549984	-18.1823	?	?	?	0.185247	0.19618	-5.12411	?	0.381829	0.381829	0.178234	0.178239	0.666088	0.373816	0.318316	6.8394	31.3017	3.32316	1
cg14397813	GNAO1	0.000265962	0.392571	0.824153	-1.21337	0.326161	1.25088	1.25088	0.000258964	0.262004	-3.77068	0.000217429	0.256171	-3.90364	0.000360398	0.2626288	-3.53745	0.762132	1.06933	1.06933	0.00194219	0.250418	-3.9932	0.243087	0.552801	-1.80897	0.000441152	0.293644	4.54048	10.7006	13.1278	0.686399	1
cg14150378	GNAQ	0.00939158	0.493364	0.82332	-1.2146	0.00556509	0.407496	-2.45401	0.00805841	0.43316	-2.30861	0.822003	0.94597	-1.05712	0.0184913	0.494471	-2.02236	0.0550445	0.584942	-1.70957	0.00324469	0.371724	-2.69017	0.00230833	0.350084	-2.85646	0.376639	0.7996	-1.25063	6.03019	5.80337	0.855454	1
cg06424462	GNAQ	0.0116119	0.2729261	1.87262	-1.54591	0.212946	1.44474	1.44474	0.0078504	1.54024	1.54024	0.640553	0.94547	-1.05774	0.0056756	0.656429	-1.52305	0.776853	0.966676	-1.03447	0.7260256	0.656429	-1.52225	0.502261	1.08461	1.08461	0.16589	1.19273	1.19273	5.63318	9.26725	0.200282	1
cg14106719	GNAQ	0.0127394	0.0143384	2.042756	-4.11936	0.0115157	0.227196	-4.40149	0.00252544	0.139596	-7.14304	0.0290498	0.299252	-3.34166	0.0106075	0.221582	-4.51299	0.0245296	0.284754	-3.5118	0.0185787	0.262295	-3.81251	0.19204	0.523326	-1.91085	0.0192947	0.265257	-3.76993	5.46615	19.0355	3.09549	1
cg10302550	GNAQ;GNAQ	7.76E-10	0.3015564	1.45255	1.452547	0.3964727	0.00198427	0.010158	0.000469615	0.725218	0.725218	0.0144	0.252451	-3.97851	0.0001405	0.460549	-2.17183	7.25E-09	0.148368	0.148368	0.0015157	0.661284	0.661284	0.0380103	0.661284	0.661284	0.0015157	0.148368	0.148368	6.74	0.005254	0.0480834	1
cg04257105	GNAS;GNAS;GNAS	1.70E-09	0.153474	1.11073	1.11073	3.98E-05	0.582885	-1.7156	0.50709	0.954808	-1.04733	0.95921	0.996492	-1.00352	0.000362229	0.675135	1.48119	8.84E-10	0.115097	8.68829	3.96E-11	0.0410612	-24.3539	0.0566495	1.1598	1.1598	0.00587791	0.780602	-1.28106	366.948	27.4377	0.0666446	1
cg00943909	GNAS;GNAS;GNAS	3.25E-08	0.0412584	1.22065	1.22065	0.61518	0.957985	-1.04386	0.190942	0.889345	-1.12442	0.516635	0.945816	-1.05727	0.00824988	0.751181	-1.33124	4.41E-08	0.196893	-5.07891	5.91E-10	0.0606196	-16.4963	0.0365485	1.22846	1.22846	0.821808	0.981078	-1.01929	74.7016	19.8445	0.100961	1
cg19640589	GNAS;GNAS;GNAS	1.24E-07	0.369776	1.36358	1.363581	0.2629746	1.17216	1.17216	0.0754418	0.882325	-1.13263	0.458368	0.922838	-1.08353	0.0442716	0.59509	-1.68027	1.53E-07	0.175414	-5.70081	2.46E-09	0.0527539	-18.9567	0.0127539	1.31944	1.31944	0.1668454	0.854841	-1.16981	324.729	22.3476	0.159261	1
cg03528838	GNAS;GNAS;GNAS	4.30E-07	0.0412592	1.51029	1.51029	0.740651	0.954474	-1.0477	0.582658	1.08096	1.08096	0.183285	1.21904	1.21904	0.0727519	1.3242	1.3242	5.13E-07	0.140125	-7.1365	1.41E-08	0.0445902	-22.4219	0.00178691	1.8656	1.8656	0.273589	1.17331	1.17331	90.9229	28.3366	0.273027	1
cg08161638	GNAS;GNAS;GNAS	6.40E-06	0.0407584	1.27254	1.27254	0.5124	1.1463	1.1463	0.0285774	0.897291	-1.11447	0.328097	0.922722	-1.08353	0.0119418	0.707833	-1.41294	0.567264	1.00525	1.00525	0.9754	0.0119524	-83.6725	0.0090564	1.10015	1.10015	0.443249	1.45102	1.45102	4.0844	11.5159	2.820194	1
cg17414107	GNAS;GNAS;GNAS	8.10E-06	0.2404074	1.19489	1.19489	0.926389	1.01348	1.01348	0.353094	0.870716	-1.14848	0.862178	0.975138	-1.0255	0.708202	1.05599	1.05599	9.92E-06	0.252785	-3.95593	1.64E-07	0.0953199	-10.491	0.0129475	1.26769	1.26769	0.752926	0.955277	-1.04682	4.29021	14.2931	3.329551	1
cg07105596	GNAS;GNAS;GNAS	8.10E-06	0.278731	1.33878	1.33878	0.6747582	0.597993	-1.67226	0.696129	0.903323	-1.10702	0.377893	1.26412	1.26412	0.0027324	0.342473	-2.91994	0.7797	0.929935	-1.07534	0.68E-08	0.00895833	-111.628	0.4873844	1.20055	1.20055	0.203162	0.706103	-1.41622	42.8455	45.5377	0.944743	1
cg26534489	GNAS;GNAS;GNAS	3.28E-05	0.0222864	1.40592	1.40592	0.1484	1.1437	1.1437	0.0287	1.0178	1.0178	0.0827769	1.12754	1.12754	0.0275	0.760348	-1.31544	0.1279301	1.1254	1.1254	0.1045	0.888329	-1.12555	0.0169773	1.43639	1.43639	0.1416	0.697854	1.43261	1.43261	0.0797454	1.4316	0.229194	1
cg19589727	GNAS;GNAS;GNAS	5.47E-05	0.165033	1.21613	1.21613	0.556995	0.18164	-3.08164	0.613995	1.0695	1.0695	0.0935918	1.27588	1.27588	0.0141186	1.49151	1.49151	6.02E-05	0.375442	-2.66353	2.33E-06	0.218666	-4.57318	0.264072	1.16626	1.16626	0.5011551	0.913742	-1.09441	26.0013	7.18833	0.245743	1
cg27394369	GNAS;GNAS;GNAS	6.88E-05	0.0944397	1.58583	1.585828	1.1208	1.03208	1.03208	0.0870287	0.940027	0.940027	0.0933171	1.0128	1.0128	0.0926	0.987287	-1.01309	0.632621	1.02672	1.02672	0.7511884	0.974	0.974	0.7921992	1.08498	1.08498	0.5996	0.0952709	1.04982	1.04982	2.52774	1.0842	0.2481	1
cg08587534	GNAS;GNAS;GNAS	6.14E-05	0.149384	1.18244	1.18244	0.268273	0.882496	-1.13315	0.018416	0.733453	-1.36341	0.284131	1.1282	1.1282	0.406009	0.9916944	-1.09653	0.5133538	1.07075	1.07075	6.05E-07	0.2260788	-4.42325	0.361127	1.10713	1.10713	0.97197	1.00382	1.00382	25.2165	4.69326	0.165439	1
cg14564778	GNAS;GNAS;GNAS	0.0103233	0.0103705	0.478403	-2.08962	0.0204813	0.451783	-2.21345	0.0648204	0.373294	-2.68005	0.0210798	0.442765	-2.25881	0.0101099	0.475156	-2.10456	0.229408	1.19343	1.19343	1.84E-05	0.0857948	-15.1998	0.0116986	1.52348	1.52348	0.0081728	0.461334	-2.16763	21.7802	18.1463	0.740535	1
cg21988465	GNAS;GNAS;GNAS	0.000162086	1.03521	1.32982	1.32982	0.00207152	0.497073	-2.01178	0.9929981	1.00142	1.00142	0.547282	0.905469	1.1044	1.024E-06	0.18638	-5.36537	0.19208	0.800456	-1.24929	0.00235639	1.98162	1.98162	0.190875	1.25013	1.25013	0.263764	0.829504	1.20554	19.4462	8.0021	0.365778	1
cg10468484	GNAS;GNAS;GNAS	0.0002813	0.645924	0.912289	-1.09614	0.350138	1.21027	1.21027	0.0265634	1.68483	1.68483	0.860228	0.96563	-1.03559	5.75E-06	0.131857	-7.58396	0.202058	0.765449	-1.30642	0.0408811	1.59733	1.59733	0.0545451	1.54157	1.54157	0.0471097	0.637082	-1.56966	16.7422	10.4413	0.554357	1
cg14203179	GNAS;GNAS;GNAS	0.00116445	0.872166	1.02094	1.02094	0.0858437	1.31971	1.31971	0.0021837	2.13079	2.13079	0.299561	1.14842	1.14842	0.0406551	0.873547	-1.14506	0.73884	1.19819	1.19819	0.0018819	2.24986	2.24986	0.0098504	1.87781	1.87781	0.2231606	0.850867	-1.17527	11.4389	2.95702	0.23325	1
cg02803068	GNAS;GNAS;GNAS	0.0173424	0.252786	1.71897	1.71897	0.630529	1.24581	1.24581	0.509776	1.35426	1.35426	0.471423	1.39408	1.39408	0.000203369	0.0593221	-16.8571	?	?	?	0.000414046	0.078777	-12.6941	0.642831	1.2359	1.2359	0.697483	1.19382	1.19382	10.2813	29.7702	2.89555	1
cg27663194	GNAS;GNAS;GNAS	0.00227539	0.334005	1.24502	1.26025	0.396108	0.817311	-1.22353	0.993126	0.996802	-1.002	0.247147	1.32434	1.32434	0.141608	1.44325	1.44325	0.00163232	0.350794	-2.85067	0.000309416	0.265656	-4.86249	0.0276754	1.30032	1.30032	0.61078	0.887817	-1.12654	9.28523	9.79384	0.758657	1
cg15122327	GNAS;GNAS;GNAS	0.00412174	0.0018877	0.0995897	-10.0441	0.0168542	0.241257	-5.55547	0.0183433	0.223714	-4.47	0.243634	0.528213	-1.89318	0.01283867	0.198548	-5.03657	0.0366872	0.280841	-3.56073	0.000503803	0.0650128	-15.3816	0.00199273	0.101908	-9.81273	0.0130688	0.199751	5.62054	7.78179	33.7346	3.85339	1
cg01817393	GNAS;GNAS;GNAS	0.00607263	0.438736	0.710602	-1.40726	0.871943	0.932598	-1.07227	0.764622	1.13871	1.13871	0.379257	0.676925	-1.47727	0.004015656	0.0887832	-11.2634	0.00217042	0.155488	-6.43134	0.0048041	0.198167	-5.04625	0.278874	0.614451	-1.62747	0.732838	1.15976	1.15976	6.91342	20.4883	2.63428	1
cg07284407	GNAS;GNAS;GNAS	0.00632157	0.288533	1.15083	1.150833	0.2049873	0.739996	-1.35136	0.654471	0.928597	-1.07689	0.32268	0.838797	-1.1922	0.0039155	0.60916	-1.64161	0.1483434	1.35834	1.35834	0.0062005	2.21034	2.21034	0.0027189	3.75904	3.75904	0.0049397	0.744823	1.04252	1.04252	5.45793	7.75739	0.228879	1
cg10797197	GNAS;GNAS;GNAS	0.0279374	0.808043	0.932339	-1.07257	0.00373168	0.323913	-3.08725	0.036238	0.496146	-2.01553	0.087632	0.372061	1.72061	1.72061	0.0694126	0.557319	-1.7943		0.664102	0.881825	-1.13401	0.0284559	0.47508	-2.10491	0.0982448	0.593342	-1.68537	0.907034	1.0342	1.0342	4.19109	5.49912	1.16631	1
cg21625881	GNAS;GNAS;GNAS	0.0102942	0.830573	1.02797	1.02797	0.327886	1.13887	1.13887	0.154204	0.822577	-1.21569	0.992911	0.998857	-1.00114	0.0001811	0.188121	1.19671	1.19671	0.125007	1.2384	1.2384	0.00710124	1.8633	1.8633	0.111986	1.24962	1.24962	0.737472	0.957608	-1.04427	3.5503	1.03723	0.233996	1
cg24346425	GNAS;GNAS;GNAS	0.041949	0.00123782	2.69833	2.698832	0.0858804	0.670962	-1.4904	0.618362	0.899797	-1.11136	0.381923	1.20647	1.20647	0.736713	0.931516	-1.07352	0.447244	0.849715	-1.17686	0.954189	0.987995	-1.01215	0.763576	1.06547	1.06547	0.840802	0.958599	-1.04319	3.61896	2.53331	0.622233	1
cg22407822	GNAS;GNAS;GNAS	1.63E-05	0.558446	1.04107	1.04107	1.26E-05	0.535298	-1.86812	0.0916268	0.881131	-1.13467	0.0275216	0.837519	-1.194	0.220581	1.09155	1.09155	0.86038	1.01205	1.01205	9.16E-07	2.42073	2.42073	0.025862	1.19717	1.19717	0.6655002	0.970846	-1.03003	35.7551	2.62017	0.0651385	1
cg08321543	GNAS;GNAS;GNAS	9.19E-05	0.0369953	1.24008	1.24008	0.4608	0.00794005	0.637499	-1.56863	0.0107196	0.723457	-1.38263	0.0707196	0.962001	-1.03934	0.0004762	2.10409	0.2225258	1.12061	1.12061	0.096-07	1.30648	1.30648	0.16105	1.1306	1.1306	0.08687	0.539834	0.946356	1.05668	28.3675	3.54339	0.111094	1
cg22788925	GNAS;GNAS;GNAS	6.26E-05	0.149197	1.10291	1.10291	0.000900006	0.730039	-1.36979	0.0123868	0.821067	-1.21793	0.339593	1.06431	1.06431	0.263213	1.07666	1.07666	0.143965	1.10452	1.10452	1.36E-06	2.18493	2.18493	0.0477876	1.1541	1.1541	0.534143	1.04068	1.04068	25.0798	1.59294	0.0564577	1
cg25367568	GNAS;GNAS;GNAS	8.45E-05	0.407651	1.07651	1.076514	0.2262284	0.580388	-1.38164	0.0875865	0.849394	-1.27586	0.181328	0.912368	1.09596	1.42E-06	0.07709067	-12.9861	3.45E-05	0.485246	-2.06015	0.000326601	2.283745	-3.5343	0.0409959	1.62454	1.62454	0.102744	0.000931802	0.303991	2.45264	5.88201	1.0966	0.208201	1
cg20008140	GNAS;GNAS;GNAS	0.000107438	0.0289381	0.715756	-1.39712	1.94E-06	0.216427	-4.6205	0.196059	1.19427	1.19427	0.00486621	0.61

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18300848	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.014515	0.0419328	0.31567	-3.16786	0.911678	0.946887	-1.05609	0.0457016	3.08567	3.08567	0.229891	1.8582	1.8582	0.0182335	0.244243	-4.09429	0.845413	0.908454	-1.10077	0.0391001	0.308994	-3.23631	0.0467607	3.06415	3.06415	0.0172802	4.16352	4.16352	5.23724	20.0661	3.40571	1
cg00940140	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.0150663	0.0415354	2.14091	2.14091	0.00760846	3.03934	3.03934	0.137415	1.67899	1.67899	0.0856046	1.85046	1.85046	0.0626397	1.97106	1.97106	0.396263	1.32495	1.32495	0.841587	0.937241	-1.06696	0.000601878	5.55064	5.55064	0.124909	1.71262	1.71262	5.17314	8.59525	1.4769	1
cg06044900	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.015141	0.569178	1.14017	1.14017	0.00374867	2.44051	2.44051	0.00378476	2.4368	2.4368	0.382736	0.815394	-1.2264	0.468906	0.845351	-1.18294	0.03212	0.564223	-1.77235	0.321167	1.26325	1.26325	0.522813	1.15912	1.15912	0.409259	0.824962	-1.21218	5.16469	4.25189	0.731788	1
cg07824914	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.0161594	0.897986	1.0295	1.0295	0.752627	1.07431	1.07431	0.00164139	2.77887	2.77887	0.71643	1.08621	1.08621	0.352544	0.805036	-1.24218	0.397718	1.21689	1.21689	0.0413174	0.58653	-1.70494	0.0990896	1.50665	1.50665	0.00914786	2.118	2.118	5.05429	4.11377	0.723482	1
cg13680388	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.028476	0.029765	0.275023	-3.63607	0.339503	1.64356	1.64356	0.686909	1.22691	1.22691	0.940469	1.03842	1.03842	0.242227	0.539162	-1.85473	0.0632235	0.348374	-2.87047	0.00381024	0.139545	-7.16612	0.0986153	2.49454	2.49454	0.0887653	0.387701	-2.57931	4.16297	16.7952	3.58615	1
cg11021321	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.0287792	0.122252	0.341004	-2.93252	0.153987	2.66546	2.66546	0.289885	2.02513	2.02513	0.853592	1.12599	1.12599	0.108347	0.324589	-3.08082	0.897993	0.920915	-1.08588	0.00303709	0.073622	-13.5829	0.0584276	3.94947	3.94947	0.187534	0.407702	-2.45277	4.14742	27.1042	5.80906	1
cg18668503	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.0436774	0.110066	0.632644	-1.58067	0.405791	0.799649	-1.25055	0.00500541	0.376701	-2.65463	0.119322	0.64124	-1.55948	0.461448	0.821116	-1.21786	0.218503	1.40529	1.40529	0.137033	1.52355	1.52355	0.0520294	0.559306	-1.78793	0.635931	1.13356	1.13356	3.56504	3.90187	0.972871	1
cg06065549	GNAS;GNAS;GNAS;GNASAS	3.94E-06	0.226027	0.888535	-1.12545	0.205713	0.883292	-1.13213	0.000639395	0.614266	-1.62796	3.18E-05	0.47089	-2.12364	0.987192	0.998509	-1.00149	3.51E-05	0.475726	-2.10205	6.16E-08	0.180936	-5.52682	0.738417	0.969324	-1.03165	0.186402	0.877905	-1.13908	51.608	7.06344	0.12166	1
cg23484981	GNAS;GNAS;GNAS;GNASAS	5.02E-06	0.20336	0.869889	-1.14957	0.0427981	0.785011	-1.27387	0.0660924	0.807325	-1.23866	0.451544	0.923459	-1.08289	1.27E-07	0.175437	-5.70005	0.0155598	1.3607	1.3607	1.95E-05	2.45735	2.45735	0.335633	0.902061	-1.10857	0.184849	0.864162	-1.15719	48.4894	8.27666	0.151725	1
cg06324048	GNAS;GNAS;GNAS;GNASAS	0.000102162	0.0637343	1.18992	1.18992	8.56E-05	1.80154	1.80154	0.87922	0.987394	-1.01277	0.720957	1.03037	1.03037	0.433287	0.935466	-1.06899	0.335154	1.08646	1.08646	0.00062107	0.644467	-1.55167	4.39E-05	0.523958	-1.90855	0.000592391	0.642393	-1.55668	22.0142	2.42679	0.0979889	1
cg22860367	GNAS;GNAS;GNAS;GNASAS	0.000119028	0.545638	1.08219	1.08219	0.914924	0.986293	-1.0139	0.58803	0.931802	-1.07319	0.976603	0.99622	-1.00379	3.32E-06	0.242101	-4.13051	0.0138834	1.48081	1.48081	0.000470074	2.03365	2.03365	0.54744	0.924386	-1.0818	0.492596	0.913927	-1.09418	21.1311	5.58228	0.234821	1
cg03908391	GNAS;GNAS;GNAS;GNASAS	0.000200339	0.00556783	1.57088	1.57088	0.00259274	1.67815	1.67815	0.00284268	0.600776	-1.66451	0.177016	1.19479	1.19479	0.00936892	1.50478	1.50478	0.466027	1.09637	1.09637	6.68E-06	3.45958	3.45958	0.0342274	1.35855	1.35855	0.162808	1.20296	1.20296	18.3627	4.47363	0.216556	1
cg18224653	GNAS;GNAS;GNAS;GNASAS	0.000385774	0.760506	1.0261	1.0261	0.136548	0.873558	-1.14474	0.00492954	0.730603	-1.36873	0.000353078	0.616489	-1.62209	0.118094	0.86674	-1.15375	0.00446169	0.726404	-1.37664	6.36E-05	1.85897	1.85897	0.738984	1.02858	1.02858	0.372621	0.925757	-1.0802	15.3527	1.72714	0.0999979	1
cg12573482	GNAS;GNAS;GNAS;GNASAS	0.000427016	0.537919	0.941379	-1.06227	0.0898654	0.834361	-1.19852	0.00310111	0.675746	-1.47985	0.675985	1.04155	1.04155	0.111149	1.18305	1.18305	0.0179806	1.32108	1.32108	1.45E-05	2.39567	2.39567	0.290354	0.899166	-1.11214	0.341564	0.909444	-1.09957	14.9285	2.21814	0.132075	1
cg05309239	GNAS;GNAS;GNAS;GNASAS	0.000652263	0.227253	1.11785	1.11785	0.0344021	0.805046	-1.24216	0.624341	0.95755	-1.04433	0.61903	1.04504	1.04504	0.0577602	1.20751	1.20751	0.15695	1.1423	1.1423	8.24E-06	2.3519	2.3519	0.80711	1.02173	1.02173	0.831062	1.01895	1.01895	13.2707	1.62346	0.108741	1
cg04457481	GNAS;GNAS;GNAS;GNASAS	0.000654059	0.351266	0.9082	-1.10108	0.226666	0.880372	-1.13588	0.737386	0.966785	-1.03436	0.121097	0.844749	-1.18378	0.616309	0.950554	-1.05202	0.587839	1.05646	1.05646	8.61E-06	2.64053	2.64053	0.227976	0.880719	-1.13544	0.277394	1.12006	1.12006	13.2605	2.11585	0.141831	1
cg01017090	GNAS;GNAS;GNAS;GNASAS	0.000666793	0.000200119	0.643344	-1.55438	0.0254743	0.828965	-1.20632	0.00022142	0.647537	-1.54431	0.0185864	1.22337	1.22337	0.0375226	1.1859	1.1859	0.12622	1.12399	1.12399	0.0353812	0.841067	-1.18897	0.150587	0.896867	-1.11499	0.357695	0.935359	-1.06911	13.1892	1.04259	0.0702654	1
cg26496204	GNAS;GNAS;GNAS;GNASAS	0.000667612	0.839096	0.981269	-1.01909	0.00724652	0.724548	-1.38017	0.0139148	0.753842	-1.32654	0.29667	1.10587	1.10587	0.0179274	1.30674	1.30674	0.626543	1.04666	1.04666	2.43E-05	2.18534	2.18534	0.68488	0.962767	-1.03867	0.310862	1.10243	1.10243	13.1847	1.80615	0.121768	1
cg14309385	GNAS;GNAS;GNAS;GNASAS	0.00133793	0.604189	1.03321	1.03321	0.125471	0.901582	-1.10916	0.0748106	0.883395	-1.132	0.510052	1.04263	1.04263	0.604234	1.03321	1.03321	0.661322	0.972833	-1.02793	1.97E-05	1.71701	1.71701	0.450119	0.953057	-1.04925	0.532585	0.961277	-1.04028	10.8295	0.669525	0.0549549	1
cg27262796	GNAS;GNAS;GNAS;GNASAS	0.00271031	0.151793	1.18088	1.18088	0.317517	0.894156	-1.11837	0.0691738	0.802396	-1.24627	0.316803	1.11857	1.11857	0.00094926	0.58657	-1.70483	0.210414	1.15361	1.15361	0.000408203	1.83674	1.83674	0.531866	0.933734	-1.07097	0.47302	0.924018	-1.08223	8.81946	1.63755	0.165045	1
cg03010274	GNAS;GNAS;GNAS;GNASAS	0.00934419	0.316362	0.920055	-1.08689	0.005437	0.745126	-1.34205	0.0435385	0.8297	-1.20525	0.27379	0.912468	-1.09593	0.0015895	1.4399	1.4399	0.707987	0.970188	-1.03073	0.0739575	1.17374	1.17374	0.435846	0.938056	-1.06603	0.824612	0.982305	-1.01801	6.03991	0.618907	0.091084	1
cg12321149	GNAS;GNAS;GNAS;GNASAS	0.0106167	0.0163802	0.472002	-2.11864	0.790438	0.934118	-1.07053	0.448999	1.21826	1.21826	0.0145345	0.462868	-2.16044	0.0678123	1.68784	1.68784	0.515053	1.18402	1.18402	0.0010726	0.290436	-3.4431	0.488036	1.19754	1.19754	0.924581	0.976062	-1.02452	5.79831	6.0129	0.921786	1
cg15631127	GNAS;GNAS;GNAS;GNASAS	0.0174561	0.51131	0.946369	-1.05667	0.863998	1.01429	1.01429	0.560377	0.952448	-1.04993	0.484142	1.0606	1.0606	0.969528	0.996844	-1.00317	0.901969	0.989855	-1.01025	0.000660273	1.53974	1.53974	0.481147	0.942471	-1.06104	0.00825008	1.32254	1.32254	4.92561	0.534119	0.0963886	1
cg01715551	GNAS;GNAS;GNAS;GNASAS	0.0214084	0.788817	1.0322	1.0322	0.825351	0.974244	-1.02644	0.737182	0.961015	-1.04057	0.574447	0.93521	-1.06928	0.541996	1.0756	1.0756	0.136247	1.20869	1.20869	0.000354904	1.96816	1.96816	0.529968	0.927633	-1.07801	0.25257	1.15154	1.15154	4.59667	1.01481	0.196241	1
cg22290117	GNAS;GNAS;GNAS;GNASAS	0.0220442	0.276656	1.18377	1.18377	0.226554	1.20841	1.20841	0.250818	0.83619	-1.1959	0.451697	1.12111	1.12111	0.05756	1.3774	1.3774	0.0801035	1.33576	1.33576	0.000521059	2.2404	2.2404	0.628807	1.07533	1.07533	0.829075	1.03276	1.03276	4.55081	1.60218	0.312946	1
cg21938532	GNAS;GNAS;GNAS;GNASAS	0.0240257	0.818176	1.04212	1.04212	0.0335057	0.633785	-1.57782	0.0179135	0.587595	-1.70185	0.969665	1.00684	1.00684	0.320666	1.20289	1.20289	0.35958	1.18466	1.18466	0.00274281	2.18309	2.18309	0.93773	1.0141	1.0141	0.662319	0.924232	-1.08198	4.89582	2.43573	0.386954	1
cg25652859	GNAS;GNAS;GNAS;GNASAS	0.0345551	0.778918	0.967404	-1.03369	0.328099	0.887931	-1.12621	0.292776	0.879399	-1.13714	0.759716	1.03678	1.03678	0.0216087	1.38378	1.38378	0.806778	1.02927	1.02927	0.00264028	0.612652	-1.63225	0.167313	1.18926	1.18926	0.568593	0.9344	-1.07021	3.88506	0.853119	0.195191	1
cg20401058	GNAS;GNASAS	1.49E-06	1.12E-05	0.422587	-2.36638	2.55E-06	0.350649	-2.85186	9.31E-05	0.525812	-1.90182	0.000124529	0.539763	-1.85267	8.28E-08	0.195373	-5.11841	0.809383	1.02253	1.02253	0.512397	1.06318	1.06318	0.760771	0.972236	-1.02856	1.27E-05	0.428993	-2.33104	66.217	8.91555	0.119681	1
cg08166863	GNAS;GNASAS	0.000413206	0.278143	1.09688	1.09688	0.293675	0.914556	-1.09343	0.13885	0.877535	-1.13956	0.109177	0.866551	-1.154	0.104651	0.864648	-1.15654	0.266026	0.909342	-1.0997	6.65E-06	2.27305	2.27305	0.313739	0.918114	-1.08919	0.354569	0.924877	-1.08123	15.0646	1.6042	0.094656	1
cg11669839	GNAS;GNASAS	0.000625577	0.756273	0.951153	-1.05136	0.551692	0.90768	-1.10171	0.0792658	0.730969	-1.36805	0.428681	0.878126	-1.13879	3.40E-05	0.274867	-3.63812	0.139332	1.29164	1.29164	0.000424784	2.45419	2.45419	0.466408	0.887613	-1.12662	0.885118	1.02353	1.02353	13.4265	5.50196	0.364251	1
cg17841572	GNAS;GNASAS	0.000665197	0.279357	1.11372	1.11372	0.916171	0.989967	-1.01013	0.542407	0.942654	-1.06083	0.243709	0.88975	-1.12391	0.00121461	0.635359	-1.57391	0.081043	1.20353	1.20353	2.58E-05	2.22249	2.22249	0.467574	0.931658	-1.07336	0.248598	0.890918	-1.12244	13.1981	1.91718	0.129122	1
cg14482474	GNAS;GNASAS	0.000977506	0.0964091	0.846666	-1.1811	0.859997	1.01623	1.01623	0.0494508	0.815113	-1.22682	0.0245446	0.783307	-1.27664	?	?	?	0.841916	0.981956	-1.01838	4.25E-05	2.03352	2.03352	0.0467002	0.812476	-1.23081	0.43393	1.07552	1.07552	12.1238	1.41913	0.117054	1
cg25229306	GNAS;GNASAS	0.00331694	0.365177	0.885109	-1.1298	0.314246	0.872397	-1.14627	0.283919	0.864141	-1.15722	0.0360186	0.726223	-1.37699	0.298013	0.868051	-1.15201	0.326763	1.14202	1.14202	8.12E-05	2.54042	2.54042	0.271841	0.860678	-1.16188	0.79043	1.03555	1.03555	8.30609	2.26332	0.242213	1
cg09123158	GNAS;GNASAS	0.00375012	0.0367817	0.814017	-1.22847	0.0762462	0.845925	-1.18214	0.404879	0.930258	-1.07497	0.26941	1.10248	1.10248	0.00389165	0.719108	-1.39061	0.135659	1.14616	1.14616	0.00878586	1.3272	1.3272	0.012909	0.769646	-1.2993	0.00871638	1.32778	1.32778	8.00639	0.912431	0.1013	1
cg19140375	GNAS;GNASAS	0.0121604	0.589788	1.06464	1.06464	0.230813	1.15564	1.15564	0.0282128	0.742166	-1.34741	0.554557	0.933525	-1.07121	0.0147031	0.707813	-1.4128	0.160381	0.841492	-1.18837	0.0069013	1.49545	1.49545	0.00776469	0.674758	-1.48201	0.527793	0.92903	-1.07639	5.54952	1.16392	0.186429	1
cg19592829	GNAS;GNASAS	0.0160881	0.837907	0.973547	-1.02717	0.760268	0.960736	-1.04087	0.0851226	0.779462	-1.28294	0.545142	0.92298	-1.08345	0.235182	0.849725	-1.17685	0.708065	0.95196	-1.05046	0.000396333	2.0922	2.0922	0.93398	0.989215	-1.0109	0.314132	1.14596	1.14596	5.06174	1.37325	0.241156	1
cg04780380	GNASAS	0.000927455	0.00139831	0.568136	-1.76014	0.000177535	2.17287	2.17287	0.20625	0.849721	-1.17686	0.638315	0.943809	-1.05954	0.943207	1.00874	1.00874	0.138707	0.823094	-1.21493	0.00289393	1.64915	1.64915	0.0154826	1.43731	1.43731	0.163162	1.19939	1.19939	12.0202	2.84034	0.210043	1
cg16682926	GNASAS	0.0111084	0.0308994	0.39373	-2.53981	0.000922	0.161955	-6.17454	0.0267701	0.380959	-2.62495	0.1438	0.561228	-1.78181	0.195747	0.604591	-1.65401	0.00911361	0.295691	-3.38191	0.00469039	0.251012	-3.98388	0.578461	0.813484	-1.22928	0.881235	0.9465	-1.05652	5.71443	12.2419	1.90424	1
cg03613625	GNASAS	0.02971	0.107874	0.717901	-1.39295	0.108226	1.3924	1.3924	0.196664	0.772691	-1.29418	0.0309333	0.619632	-1.61386	0.910654	1.02143	1.02143	0.173907	1.31426	1.31426	0.00459369	2.03946	2.03946	0.429455	1.16459	1.16459	0.874285	0.970532	-1.03036	4.10095	2.31781	0.50239	1
cg07964163	GNASAS;GNAS	5.22E-06	0.0116002	0.779373	-1.28308	0.000124978	1.69553	1.69553	0.397857	0.933907	-1.07077	0.014637	0.788646	-1.268	4.83E-07	0.327786	-3.05077	0.00916647	0.769979	-1.29874	3.79E-06	0.426455	-2.34492	0.402055	1.07009	1.07009	0.000248024	0.620119	-1.61259	47.9946	4.74286	0.0878407	1
cg24975842	GNASAS;GNAS	9.82E-06	0.325039	1.14273	1.14273	0.00595063	0.623641	-1.60349	0.176309	0.828004	-1.20772	0.538401	0.921472	-1.08522	0.892639	1.01789	1.01789	0.825171	1.02947	1.02947	1.05E-07	9.54731	9.54731	0.0531678	1.33433	1.33433	0.0969078	0.787236	-1.27027	40.7643	11.1282	0.242657	1
cg18949315	GNASAS;GNAS	4.29E-05	0.00012743	2.43211	2.43211	0.234394	1.18081	1.18081	0.00206073	1.78377	1.78377	0.331936	1.14278	1.14278	0.00266634	0.574721	-1.73997	0.0983949	0.785311	-1.27338	1.35E-05	0.297065	-3.36627	0.000340375	2.15863	2.15863	0.0170295	0.678475	-1.47389	27.7223	7.80563	0.25028	1
cg03344105	GNASAS;GNAS	0.000109651	0.478838	1.07519	1.07519	0.4394	0.923664	-1.08264	0.00741552	0.706588	-1.41525	1.46E-05	0.403641	-2.47745	0.0429095	0.790873	-1.26443	0.180821	0.866689	-1.15382	3.60E-05	2.22954	2.22954	0.26613	1.12375	1.12375	0.17667	0.865352	-1.1556	21.6012	3.46875	0.142739	1
cg21779904	GNASAS;GNAS	0.000177746	0.357688	0.892234	-1.12078	0.00138197	0.571738	-1.74905	0.00103936	0.556877	-1.79573	8.56E-05	0.427217	-2.34073	1.65E-05	0.343563	-2.91067	0.313195	1.134	1.134	0.111166	1.23269	1.23269	0.0777695	0.789545	-1.26655	0.0534113	0.767593	-1.30277	18.9675	4.36552	0.204585	1
cg00732970	GNASAS;GNAS	0.0014062	0.000564607	0.258497	-3.86852	0.00620933	2.46755	2.46755	0.915561	0.973508	-1.02721	0.231248	0.727677	-1.37424	0.00222053	0.337893	-2.95951	0.796781	0.936759	-1.06751	0.000517095	0.253786	-3.94033	0.72854	1.09221	1.09221	0.562947	0.86238	-1.15958	10.676	10.8363	0.902239	1
cg25090051	GNASAS;GNAS	0.00300119	0.00694455	0.439858	-2.27346	0.00390188	2.4933	2.4933	0.182738	1.3944	1.3944	0.892463	0.968696	-1.03232	0.000360112	0.260398	-3.84028	0.20364	1.37094	1.37094	0.409012	1.21964	1.21964	0.502084	1.17373	1.17373	0.734303	1.0834	1.0834	8.55715	7.49314	0.778364	1
cg02274728	GNASAS;GNAS	0.00306097	0.021207	0.684766	-1.46035	0.00334138	1.72619	1.72619	0.589432	0.928233	-1.07732	0.679209	0.944743	-1.05849	0.412972	1.12121	1.12121	0.883308	1.02028	1.02028	0.000405385	0.46378	-2.15619	0.190593	0.827414	-1.20858	0.00912309	0.635878	-1.57263	8.50715	2.51736	0.263032	1
cg20019489	GNASAS;GNAS	0.00708025	0.000452691	0.300586	-3.32683	0.889284	0.970166	-1.03075	0.827855	1.04849	1.04849	0.621171	0.897338	-1.11441	0.0513974	0.617365	-1.61979	0.129379	0.700253	-1.42806	0.000861409	0.336897	-2.96826	0.580225	0.885615	-1.12916	0.188644	0.738695	-1.35374	6.59164	4.93639	0.665677	1
cg01355739	GNASAS;GNAS	0.0075967	0.0089892	2.42776	2.42776	0.0788635	0.593904	-1.68377	0.248187	1.38033	1.38033	0.252759	0.726911	-1.37568	0.724458	1.09911	1.09911	0.774921	0.926309	-1.07955	0.915695	1.02868	1.02868	0.000480635	4.3168	4.3168	0.0338092	1.93808	1.93808	6.44807	7.2803	1.00362	1
cg05558390	GNASAS;GNAS	0.0119098	0.914775	1.01343	1.01343	0.00368959	0.61317	-1.63087	0.0148456	0.688316	-1.45282	0.247583	1.16261	1.16261	0.610834	0.938039	-1.06605	0.579949	0.932697	-1.07216	0.735992	0.9587	-1.04308	0.00463687	1.59904	1.59904	0.185234	1.19137	1.19137	5.58715	1.37454	0.218683	1
cg00952145	GNASAS;GNAS	0.0122592	0.41465	0.906851	-1.10272	0.00031538	0.504355	-1.98273	0.45645	0.914906	-1.09301	0.772476	1.03458	1.03458	0.247273	1.15241	1.15241	0.0137377	0.699607	-1.42937	0.8521	0.978353	-1.02213	0.784395	1.03268	1.03268	0.848537	1.02267	1.02267	5.53496	1.20532	0.193569	1
cg04132853	GNASAS;GNAS	0.0139774	0.757935	1.07456	1.07456	0.000503211	3.54424	3.54424	0.709365	1.091	1.091	0.917085	1.02452	1.02452	0.383354	0.81225	-1.23115	0.0218006	1.89727	1.89727	0.0139852	2.02596	2.02596	0.168877	1.40637	1.40637	0.678249	1.10191	1.10191	5.30271	4.54478	0.761838	1
cg18619398	GNASAS;GNAS	0.0163427	0.43493	0.883619	-1.13171	0.0234611	0.656785	-1.52257	0.294905	0.84475	-1.18378	0.653094	0.932142	-1.0728	0.965025	0.993213	-1.00683	0.327987	1.16978	1.16978	0.164379	1.25913	1.25913	0.000778482	2.20245	2.20245	0.700825	0.941803	-1.06179	5.03534	1.92372	0.339594	1
cg12054318	GNASAS;GNAS	0.0165989	0.381603	1.08699	1.08699	0.0131771	0.75151	-1.33065	0.000670863	0.616528	-1.62199	0.268857	1.11298	1.11298	0.579361	1.05342	1.05342	0.799724	0.976647	-1.02391	0.174743	0.874441	-1.14359	0.734866	0.968898	-1.0321	0.85549	1.01709	1.01709	5.00929	0.685456	0.121633	1
cg17696847	GNASAS;GNAS	0.0220007	0.00151308	0.407651	-2.45308	0.023945	1.69731	1.69731	0.400071	0.844369	-1.18432	0.946148	0.986822	-1.01335	0.501687	0.874669	-1.14329	0.887989	0.972703	-1.02806	0.0318224	0.610121	-1.63902	0.95103	0.988011	-1.01213	0.450361	1.16305	1.16305	4.55389	2.78153	0.542936	1
cg11996914	GNASAS;GNAS	0.0283151	0.100118	1.13111	1.13111	0.0179577	0.821479	-1.21732	0.00474431	0.773768	-1.29238	0.071401	1.14763	1.14763	0.912604	0.99252	-1.00754	0.798809	0.982685	-1.01762	0.148182	0.899356	-1.11191	0.927283	1.00626	1.00626	0.237698	0.918892	-1.08827	4.1713	0.308958	0.0658378	1
cg14728235	GNASAS;GNAS	0.0284744	0.810017	0.979428	-1.021	0.00880656	0.749857	-1.33359	0.024025	0.792689	-1.26153	0.324813	0.915986	-1.09172	0.00198502	0.685933	-1.45787	0.189532	0.886973	-1.12743	0.941361	0.993671	-1.00637	0.678162	0.964625	-1.03667	0.0549542	0.828749	-1.20664	4.16305	0.491128	0.104865	1
cg18935491	GNASAS;GNAS	0.0381539	0.322287	1.13918	1.13918	0.980952	0.996962	-1.00305	0.15767	0.824848	-1.21234	0.334444	0.880845	-1.13527	0.439199	0.904336	-1.10578	0.835318	0.973818	-1.02689	0.00101216	1.86183	1.86183	0.804297	1.03215	1.03215	0.87681	0.980423	-1.01997	3.74759	0.964143	0.228684	1
cg10546626	GNASAS;GNAS	0.0405108	0.0543937	0.31567	-3.16786	0.0535794	0.314112	-3.18358	0.032753	0.267243	-3.74191	0.549437	0.726182	-1.37707	0.0205643	0.229072	-4.36544	0.212068	0.499381	-2.00248	0.0180106	0.219139	-4.56331	0.0165879	0.213167	-4.69116	0.0186317	0.221642	-4.51178	3.66595	16.202	3.92853	1
cg14660776	GNASAS;GNAS	0.0453203	0.126583	1.30329	1.30329	0.463941	1.12691	1.12691	?	?	?	0.19501	0.802751	-1.24572	0.185891	0.798663	-1.25209	0.419084	1.14149	1.14149	0.00285376	1.93104	1.93104	0.292346	1.19138	1.19138	0.851527	0.970413	-1.03049	3.56957	1.29108	0.361692	1
cg14943539	GNASAS;GNAS	0.0491902	0.281109	0.693422	-1.44212	0.116878	0.573079	-1.74496	0.571608	1.20541	1.20541	0.899918	0.959714	-1.04198	0.455061	0.779843	-1.28231	0.0295875	0.432957	-2.3097	0.00461896	0.291787	-3.42715	0.952249	1.01976	1.01976	0.0166698	0.38472	-2.59929	3.40921	5.76704	1.50365	1
cg14597908	GNASAS;GNAS;GNAS	0.00360205	0.8104	1.01851	1.01851	5.45E-05	0.563498	-1.77463	0.442806	0.942042	-1.06152	0.246513	1.09687	1.09687	0.639341	1.03667	1.03667	0.0993767	1.14777	1.14777	0.57006	0.957149	-1.04477	0.805418	0.981344	-1.01901	0.535125	1.04909	1.04909	8.10375	0.747176	0.0819566	1
cg00765653	GNASAS;GNAS;GNAS	0.0212601	0.644874	1.03054	1.03054	0.00405734	0.778725	-1.28415	0.00801813	0.802344	-1.24635	0.897823	0.991707	-1.00836	0.192965	1.09342	1.09342	0.52536	1.0426	1.0426	0.861718	0.988762	-1.01137	0.357808	1.06322	1.06322	0.0203048	0.834139	-1.19884	4.60761	0.306617	0.0591518	1
cg06163629	GNASAS;GNAS;GNAS	0.0225873	0.203479	1.10188	1.10188	0.00216468	0.732634	-1.36494	0.0200666	0.816482	-1.22477	0.333725	0.930474	-1.07472	0.967771	0.997084	-1.00292	0.525103	0.954522	-1.04764	0.00806181	0.782483	-1.27798	0.722308	0.97454	-1.02613	0.967037	1.00299	1.00299	4.51291	0.37336	0.0735392	1
cg03030267	GNASAS;MIR298;MIR296	0.00209652	0.00184783	0.190979	-5.23618	0.00161461	0.183947	-5.43636	0.024704	0.36729	-2.72264	0.0398785	0.410783	-2.43438	0.00272628	0.212289	-4.71055	0.0237692	0.363974	-2.74745	0.000184467	0.0938335	-10.6572	0.328095	0.685187	-1.45946	0.0268489	0.374539	-2.66995	9.51027	21.1272	1.97468	1
cg15428904	GNASAS;MIR298;MIR296	0.0107875	0.868029	1.04355	1.04355	0.125098	0.653428	-1.53039	0.00818855	0.420113	-2.38031	0.662557	1.11913	1.11913	0.0353979	1.87365	1.87365	0.284219	1.32996	1.32996	0.00127196	0.299728	-3.33636	0.465218	0.826545	-1.20986	0.0999925	0.630033	-1.58722	5.76864	6.00237	0.924905	1
cg01042877	GNAT1;GNAT1	0.000264664	0.466194	0.947577	-1.05532	0.849548	0.986305	-1.01389	0.0086113	0.784053	-1.27542	0.0152615	0.805466	-1.24152	4.78E-06	0.467714	-2.13806	0.120789	0.884991	-1.12996	0.0240882	1.21574	1.21574	0.00577807	0.769044	-1.30032	0.650543	0.967426	-1.03367	17.0233	1.42167	0.0742341	1
cg20693615	GNAT1;GNAT1	0.000380698	0.0817779	1.33157	1.33157	0.00250365	0.536092	-1.86535	0.004403	0.568672	-1.75848	0.000272413	0.412402	-2.42482	9.24E-05	0.354803	-2.81846	0.304214	1.17114	1.17114	0.00100092	0.484157	-2.06545	0.122033	0.77971	-1.28253	0.00534624	0.579995	-1.72415	15.4088	5.37941	0.310323	1
cg21121119	GNAT1;GNAT1	0.000761703	0.153257	0.672103	-1.48787	0.0402923	0.540343	-1.85068	0.00321628	0.351806	-2.84248	0.00421504	0.369495	-2.7064	0.000128808	0.177425	-5.63618	0.233443	0.722824	-1.38346	0.000112342	0.171448	-5.83266	0.00103988	0.283188	-3.53122	0.109178	0.635173	-1.57437	12.7062	13.5851	0.950375	1
cg00373148	GNAT1;GNAT1	0.00100321	0.0524356	0.595578	-1.67904	0.835915	1.04994	1.04994	0.00112019	0.323871	-3.08765	0.399999	1.22438	1.22438	8.85E-05	0.192089	-5.20593	0.087424	0.641878	-1.55793	0.00201791	0.359349	-2.78281	0.00142778	0.338271	-2.95621	0.0359379	0.563622	-1.77424	11.7558	10.2791	0.77723	1
cg22241014	GNAT1;GNAT1	0.00209583	0.32492	0.836701	-1.19517	0.00293025	0.488334	-2.04778	0.000271427	0.351017	-2.84886	0.0094309	0.561516	-1.78089	0.00133759	0.441428	-2.26538	0.347654	0.844004	-1.18483	0.180455	1.28331	1.28331	0.00752678	0.547055	-1.82797	0.11852	0.742883	-1.34611	9.51118	4.63373	0.433056	1
cg03855994	GNAT1;GNAT1	0.00504307	0.903356	0.97322	-1.02752	0.00040852	3.50671	3.50671	0.030427	1.76561	1.76561	0.329893	1.25194	1.25194	0.0180912	0.526477	-1.89942	0.034286	1.73648	1.73648	0.437109	1.19381	1.19381	0.00852768	2.11723	2.11723	0.328265	1.25295	1.25295	7.3194	5.78899	0.703031	1
cg04383462	GNAT1;GNAT1	0.0152988	0.0292697	0.453324	-2.20593	0.218811	1.48947	1.48947	0.323865	1.36872	1.36872	0.0864896	0.558024	-1.79204	0.0512552	0.504702	-1.98137	0.0984208	0.57217	-1.74773	0.00289509	3.53098	3.53098	0.270215	1.42428	1.42428	0.917886	1.03228	1.03228	5.14699	7.73591	1.336	1
cg00166372	GNAT1;GNAT1	0.017364	0.425095	1.43823	1.43823	0.309419	0.625433	-1.59889	0.114963	2.14841	2.14841	0.0199921	0.285747	-3.4996	0.00127871	0.12301	-8.12942	0.772258	0.878556	-1.13823	0.147602	0.499976	-2.0001	0.526696	1.33134	1.33134	0.193596	1.84731	1.84731	4.93436	15.5564	2.80238	1
cg20947470	GNAT1;GNAT1	0.0175442	0.783428	1.19669	1.19669	0.051284	0.235419	-4.24774	0.169532	2.59532	2.59532	0.0521024	0.236933	-4.22061	0.0286555	0.18593	-5.37836	0.445106	0.60211	-1.66083	0.00329344	0.0735698	-13.5925	0.0642315	3.87759	3.87759	0.436239	1.67808	1.67808	4.9173	33.0788	5.97958	1
cg25713346	GNAT1;GNAT1	0.020923	0.101326	0.669609	-1.49341	0.201763	0.739824	-1.35167	0.725001	1.08216	1.08216	0.0470132	0.601574	-1.66231	0.0025613	0.392553	-2.54743	0.00671245	0.455699	-2.19443	0.0254964	0.552427	-1.81019	0.0287765	0.561861	-1.7798	0.695655	0.915864	-1.09187	4.63283	3.66694	0.703566	1
cg06803253	GNAT1;GNAT1	0.024105	0.422204	0.816904	-1.22413	0.0914742	1.58159	1.58159	0.511461	0.848515	-1.17853	0.17591	1.42615	1.42615	0.0160336	0.483305	-2.06909	0.813541	0.943384	-1.06001	0.0338078	0.542633	-1.84287	0.00372815	0.380507	-2.62807	0.949124	1.01586	1.01586	4.41272	4.25247	0.85661	1
cg13250285	GNAT1;GNAT1	0.0282741	0.0245993	0.295206	-3.38746	0.110873	0.453088	-2.20708	0.00721373	0.205901	-4.85669	0.213322	0.550307	-1.81717	0.00738938	0.207409	-4.82138	0.0566931	0.374151	-2.67272	0.0119226	0.239279	-4.17922	0.0388701	0.336239	-2.97407	0.212159	0.549383	-1.82022	4.17343	13.7297	2.92426	1
cg23985820	GNAT2	0.000188285	0.0111754	0.35074	-2.85111	0.00155239	0.223308	-4.47813	0.000185373	0.124903	-8.0062	0.95749	0.98259	-1.01772	0.00994836	0.342097	-2.92315	0.111487	0.564862	-1.77034	6.61E-06	0.0368029	-27.1718	0.078401	0.525089	-1.90444	0.00073377	0.184406	-5.42281	18.6741	32.1079	1.52833	1
cg22941294	GNAT2	0.00942164	0.00141987	0.176532	-5.66471	0.219131	0.615446	-1.62484	0.0107217	0.299852	-3.33498	0.321695	0.680767	-1.46893	0.00173947	0.186901	-5.35041	0.703011	0.865993	-1.15474	0.12184	0.532652	-1.8774	0.504096	1.28999	1.28999	0.0208806	0.351961	-2.84122	6.02406	13.46	1.9861	1
cg06956273	GNAT2;GNAT2	0.0153342	0.394324	1.32234	1.32234	0.423396	0.769627	-1.29933	0.00928665	0.347498	-2.87772	0.53509	1.22282	1.22282	0.00763592	0.333423	-2.99919	0.394662	1.32206	1.32206	0.00545425	0.31017	-3.22404	0.849227	0.940872	-1.06284	0.0173969	0.395606	-2.52777	5.14305	8.35369	1.44379	1
cg04824189	GNAT3	0.0399432	0.877347	1.04422	1.04422	0.13283	0.634861	-1.57515	0.110371	0.61418	-1.62819	0.586858	1.16616	1.16616	0.00407114	0.339489	-2.94561	0.0318153	0.494139	-2.02372	0.0265831	0.478838	-2.08839	0.420675	1.25921	1.25921	0.299256	0.739772	-1.35177	3.68507	4.58116	1.10504	1
cg03043696	GNB1	0.00244423	0.0851837	0.668717	-1.4954	0.0178229	1.83859	1.83859	0.0940536	1.47586	1.47586	0.00163001	2.59692	2.59692	0.351877	0.816635	-1.22454	0.0785251	1.5116	1.5116	0.00146254	0.378511	-2.64193	0.0116567	1.94748	1.94748	0.744853	0.933287	-1.07148	9.09218	6.43729	0.629336	1
cg05722993	GNB1	0.0045287	0.0652285	1.82141	1.82141	0.000188673	6.19821	6.19821	0.0771746	1.76692	1.76692	0.362032	0.762302	-1.31182	0.0295979	0.476179	-2.10005	0.0853854	1.73482	1.73482	0.834973	1.0623	1.0623	0.0509924	1.90397	1.90397	0.693923	0.891742	-1.1214	7.56312	10.0523	1.18144	1
cg16677144	GNB1	0.00461911	0.0593447	1.86506	1.86506	0.0785793	1.77193	1.77193	0.0568653	1.8796	1.8796	0.15113	1.56902	1.56902	0.968682	0.98857	-1.01156	0.0504232	1.92115	1.92115	0.869171	1.04945	1.04945	6.23E-05	8.67455	8.67455	0.114755	1.65239	1.65239	7.51785	10.2086	1.20704	1
cg21422400	GNB1	0.0113264	0.0266729	1.44707	1.44707	0.0851591	0.765045	-1.30711	0.841608	0.972239	-1.02855	0.00658608	0.608679	-1.6429	0.874082	1.02257	1.02257	0.521858	0.912703	-1.09565	0.00254658	1.80244	1.80244	0.212253	0.831207	-1.20307	0.444555	0.896132	-1.11591	5.6787	1.78067	0.278729	1
cg11836949	GNB1	0.0124701	0.0526643	2.8846	2.8846	0.00513615	5.9158	5.9158	0.0624407	2.74148	2.74148	0.0863757	2.48704	2.48704	0.366128	1.56289	1.56289	0.63084	1.2622	1.2622	0.941069	1.0362	1.0362	0.000517538	13.5264	13.5264	0.0477591	2.97006	2.97006	5.50433	20.1626	3.25603	1
cg26793463	GNB1	0.014914	0.623466	0.935844	-1.06855	0.125461	1.24883	1.24883	0.734327	1.0467	1.0467	0.0961234	0.782819	-1.27743	0.266601	0.856329	-1.16778	0.387786	1.12594	1.12594	0.000403426	2.12502	2.12502	0.591755	0.930026	-1.07524	0.496095	1.09703	1.09703	5.19055	1.4761	0.252784	1
cg12150066	GNB1	0.0161003	0.226824	0.847815	-1.1795	0.165452	1.21224	1.21224	0.0500657	1.33735	1.33735	0.309436	0.872099	-1.14666	0.29091	1.15326	1.15326	0.654109	0.94301	-1.06043	0.00074769	0.513953	-1.9457	0.970593	0.995215	-1.00481	0.281649	1.15671	1.15671	5.06046	1.3567	0.238309	1
cg03716942	GNB1	0.0173867	0.940166	0.988282	-1.01186	0.0347152	1.47191	1.47191	0.639166	0.92853	-1.07697	0.00122989	0.476085	-2.10047	0.424635	0.879824	-1.13659	0.193791	0.805822	-1.24097	0.045158	1.4346	1.4346	0.175581	0.797589	-1.25378	0.83109	0.967015	-1.03411	4.9322	1.92603	0.347113	1
cg08651003	GNB1	0.019032	0.0740943	3.21626	3.21626	0.00656587	7.94114	7.94114	0.00257605	11.6182	11.6182	0.0408079	3.99824	3.99824	0.264336	1.9795	1.9795	0.350886	1.75686	1.75686	0.608129	1.35465	1.35465	0.00714829	7.68081	7.68081	0.0361531	4.17891	4.17891	4.78434	26.1022	4.84957	1
cg20801637	GNB1	0.0193008	0.944811	0.987905	-1.01224	0.00840113	0.553375	-1.80709	0.104896	0.732361	-1.36545	0.6441	1.0852	1.0852	0.0966313	1.37794	1.37794	0.430333	1.15198	1.15198	0.0043731	1.95239	1.95239	0.0886493	1.39113	1.39113	0.727282	0.940317	-1.06347	4.76169	2.32984	0.434923	1
cg25599619	GNB1	0.0386249	0.171211	1.49965	1.49965	0.00180422	0.290988	-3.43657	0.257617	0.719936	-1.38901	0.233348	1.41561	1.41561	0.394942	0.784787	-1.27423	0.800786	0.932089	-1.07286	0.557783	1.17925	1.17925	0.152497	1.53153	1.53153	0.651683	1.13474	1.13474	3.73079	4.57135	1.08916	1
cg18162783	GNB1	0.0428147	0.421038	1.34161	1.34161	0.0537875	2.18767	2.18767	0.400856	1.35991	1.35991	0.0137443	2.97145	2.97145	0.392935	0.731342	-1.36735	0.455696	1.31208	1.31208	0.0276725	0.394286	-2.53623	0.164685	1.69886	1.69886	0.144124	0.570656	-1.75237	3.59162	7.27026	1.79932	1
cg16418734	GNB1	0.0482092	0.00186418	3.75554	3.75554	0.0716062	1.82772	1.82772	0.270022	1.41101	1.41101	0.675958	0.8816	-1.1343	0.0950747	1.73299	1.73299	0.82276	1.06957	1.06957	0.365687	0.756832	-1.3213	0.526206	1.21231	1.21231	0.580309	0.84584	-1.18226	3.43532	4.88943	1.26514	1
cg19340909	GNB1	0.0498678	0.535595	0.88585	-1.12886	0.328471	1.21516	1.21516	0.0510834	1.53613	1.53613	0.694017	0.926452	-1.07939	0.292587	0.809803	-1.23487	0.354974	1.20183	1.20183	0.00367808	0.468298	-2.13539	0.513865	1.13645	1.13645	0.264921	1.25168	1.25168	3.39154	2.00515	0.525529	1
cg03588812	GNB1L	0.000161946	0.136055	0.667067	-1.4991	0.00222027	0.339491	-2.94559	0.247382	0.737242	-1.35641	0.0893172	1.60353	1.60353	2.82E-06	0.0591675	-16.9012	0.0622518	0.589176	-1.69729	0.537131	1.1706	1.1706	0.0467955	1.77485	1.77485	0.937742	0.980503	-1.01988	19.4507	19.5707	0.894375	1
cg08266619	GNB1L	0.019972	0.226471	1.2636	1.2636	0.0065697	1.91615	1.91615	0.0557436	0.670777	-1.49081	0.00862289	1.85343	1.85343	0.307141	0.823028	-1.21503	0.127077	1.35526	1.35526	0.0390021	1.55299	1.55299	0.163183	1.31548	1.31548	0.917508	0.981095	-1.01927	4.7068	2.53004	0.477804	1
cg00528793	GNB1L;C22orf29	0.0232871	0.259038	0.901902	-1.10877	0.51324	0.94352	-1.05986	0.186611	1.13061	1.13061	0.89038	0.987981	-1.01216	0.822031	1.01995	1.01995	0.0245154	1.2648	1.2648	0.0976076	0.852678	-1.17278	0.0121321	0.760218	-1.31541	0.0118159	1.31738	1.31738	4.46571	0.543763	0.108235	1
cg14520770	GNB1L;C22orf29	0.0295078	0.307791	0.6173	-1.61996	0.0725823	2.4978	2.4978	0.19868	1.86018	1.86018	0.739538	1.1647	1.1647	0.0143078	0.251522	-3.97579	0.00541184	0.187721	-5.32706	0.653677	0.813534	-1.22921	0.253889	1.72367	1.72367	0.514533	1.3526	1.3526	4.11089	13.5951	2.93963	1
cg22319611	GNB1L;C22orf29	0.0375645	0.924803	1.03883	1.03883	0.0739159	0.447602	-2.23413	0.386209	0.698743	-1.43114	0.0316274	0.361718	-2.76459	0.124087	0.510659	-1.95825	0.282413	0.63714	-1.56951	0.0030534	0.194482	-5.14186	0.0117749	0.280953	-3.55931	0.0861896	0.465301	-2.14915	3.76898	9.72133	2.29271	1
cg17137980	GNB1L;GNB1L;C22orf29	0.0337452	0.232644	0.575756	-1.73685	0.118415	2.13285	2.13285	?	?	?	0.0466538	0.353835	-2.82618	0.04546	0.351025	-2.8488	0.0183983	0.263295	-3.79802	?	?	?	?	?	?	?	?	?	5.25057	8.27015	1.89012	1
cg16177440	GNB2	3.10E-05	0.213323	1.21789	1.21789	3.10E-05	0.294438	-3.3963	0.101452	1.30961	1.30961	1.64E-05	0.263393	-3.7966	0.034942	1.44727	1.44727	9.86E-05	0.353443	-2.82931	0.0726426	1.35154	1.35154	0.237298	0.830088	-1.20469	5.83E-05	0.32619	-3.0657	30.1896	10.8178	0.318514	1
cg02557189	GNB2	0.000753534	0.0337331	0.760041	-1.31572	0.124672	1.20195	1.20195	0.351156	1.11202	1.11202	0.00454713	0.658209	-1.51927	0.12075	0.830107	-1.20466	0.00465958	1.51646	1.51646	9.09E-05	0.461114	-2.16866	0.00320316	0.640678	-1.56085	0.354427	0.899947	-1.11118	12.7447	2.47147	0.172375	1
cg08310216	GNB2	0.00393628	0.571767	1.06992	1.06992	0.014705	1.42645	1.42645	0.139719	1.2068	1.2068	0.535787	1.07699	1.07699	0.00652449	1.51904	1.51904	0.00180944	1.68996	1.68996	0.00159795	0.585297	-1.70853	0.83388	1.02515	1.02515	0.992851	0.998941	-1.00106	7.89057	1.74839	0.19696	1
cg16359985	GNB2	0.00461706	0.0181405	0.544375	-1.83697	0.233845	0.767562	-1.30283	0.201207	1.33122	1.33122	0.0902391	1.48544	1.48544	0.0117526	0.513222	-1.94847	0.00829121	0.489007	-2.04496	0.000806964	0.342518	-2.91955	0.338571	1.23255	1.23255	0.057081	0.633631	-1.57821	7.51886	5.34954	0.63243	1
cg11223864	GNB2	0.0154679	0.538401	0.922054	-1.08454	0.0424952	1.35572	1.35572	0.263152	0.85901	-1.16413	0.0280916	1.40202	1.40202	0.619237	0.936821	-1.06744	0.144446	0.815275	-1.22658	0.00857404	0.646085	-1.54778	0.00590603	0.625503	-1.59871	0.428989	0.900157	-1.11092	5.12827	1.37845	0.238929	1
cg27369641	GNB2	0.0160985	0.427573	1.17691	1.17691	0.00370387	2.20049	2.20049	0.589801	1.11567	1.11567	0.0140642	1.83979	1.83979	0.559563	0.888109	-1.12599	0.845265	0.961467	-1.04008	0.123807	0.715196	-1.39822	0.0743033	1.49172	1.49172	0.0234211	0.580093	-1.72386	5.06064	3.24156	0.569372	1
cg14298577	GNB2	0.0215946	0.730042	1.05094	1.05094	0.11911	0.784579	-1.27457	0.153149	1.24535	1.24535	0.345164	1.14965	1.14965	0.576177	0.922194	-1.08437	0.294146	1.16891	1.16891	0.000840344	0.486536	-2.05535	0.338552	1.152	1.152	0.331573	1.15452	1.15452	4.58306	1.49327	0.289621	1
cg25963822	GNB2	0.0376962	0.0548142	0.441416	-2.26544	0.759561	0.891133	-1.12217	0.00696694	0.269641	-3.70864	0.475749	0.761633	-1.31297	0.0194262	0.346113	-2.88923	0.627118	1.20179	1.20179	0.010136	0.295885	-3.37969	0.585029	0.812988	-1.23003	0.553614	1.25231	1.25231	3.76417	8.40456	1.9847	1
cg03550794	GNB2	0.0400552	0.709029	1.06182	1.06182	0.358156	1.16323	1.16323	0.477632	1.12247	1.12247	0.907968	1.01868	1.01868	0.137731	0.774319	-1.29146	0.351515	1.16582	1.16582	0.00830116	0.582769	-1.71594	0.00622169	0.565127	-1.76951	0.638413	1.07868	1.07868	3.68127	1.49288	0.360475	1
cg23325230	GNB2	0.0404309	0.146779	0.8147	-1.22745	0.00562142	1.61341	1.61341	0.0103323	1.52984	1.52984	0.19332	1.19859	1.19859	0.972054	0.995401	-1.00462	0.984252	1.0026	1.0026	0.507617	1.09249	1.09249	0.222034	0.8446	-1.18399	0.763207	1.04056	1.04056	3.66862	1.00619	0.243795	1
cg02214623	GNB2L1	5.76E-05	6.43E-05	0.270684	-3.69434	0.653313	1.08376	1.08376	0.0269399	1.59378	1.59378	0.92304	1.01734	1.01734	0.000798204	0.406225	-2.46169	0.000217052	0.333693	-2.99677	0.00454386	0.510437	-1.95911	0.00536612	1.9199	1.9199	1.93E-05	0.213779	-4.67772	25.6473	12.8555	0.445549	1
cg01919999	GNB2L1	0.000348157	0.000312222	0.204074	-4.90019	1.78E-05	0.0921942	-10.8467	0.0598046	0.56137	-1.78136	0.0772727	0.586272	-1.70569	0.016417	0.450571	-2.21941	0.0467087	0.538426	-1.85727	0.000333996	0.207353	-4.82269	0.473278	0.820131	-1.21932	0.00147938	0.287422	-3.4792	15.7921	18.4845	1.04043	1
cg18696805	GNB2L1	0.00219883	0.549992	1.05566	1.05566	0.124725	0.861699	-1.1605	0.123412	0.861177	-1.1612	0.0138976	1.31282	1.31282	0.0405351	1.23595	1.23595	0.0762006	1.19326	1.19326	0.000465328	1.63719	1.63719	0.00230359	0.682868	-1.46441	0.80665	0.978279	-1.0222	9.37874	1.19136	0.112913	1
cg15921518	GNB2L1	0.039684	0.019552	0.345901	-2.891	0.240829	1.58722	1.58722	0.154658	1.77383	1.77383	0.327931	1.46218	1.46218	0.0127939	0.312411	-3.20091	0.233205	0.624828	-1.60044	0.463806	0.755375	-1.32385	0.430445	1.35361	1.35361	0.0567537	0.444281	-2.25083	3.69391	8.28113	1.99274	1
cg26530063	GNB2L1;SNORD95	0.00023217	0.0427676	1.2294	1.2294	0.181468	0.881948	-1.13385	2.93E-05	0.484052	-2.06589	0.00658762	1.36676	1.36676	0.0387929	1.23601	1.23601	0.246641	1.11325	1.11325	0.000845524	0.641217	-1.55953	0.00284319	0.695026	-1.4388	0.0425628	0.813192	-1.22972	17.6418	2.19124	0.110406	1
cg00515982	GNB2L1;SNORD95	0.000732286	0.0123727	2.1611	2.1611	?	?	?	0.129826	1.46685	1.46685	0.758061	0.932024	-1.07293	6.80E-05	0.119734	-8.35185	0.00217674	3.05867	3.05867	0.644545	0.899429	-1.11182	0.0875075	1.56091	1.56091	0.0205519	1.97674	1.97674	21.26	14.7645	0.520855	1
cg06900938	GNB2L1;SNORD95	0.00928694	0.192332	1.37448	1.37448	0.00525691	0.428123	-2.33578	0.264676	0.764936	-1.3073	0.00459665	0.419166	-2.38569	0.430502	0.830711	-1.20379	0.0023245	0.375213	-2.66515	0.748103	1.0771	1.0771	0.581293	1.137	1.137	0.228849	1.33788	1.33788	6.05173	5.09226	0.74796	1
cg09661284	GNB2L1;SNORD95	0.034321	0.38109	0.889741	-1.12392	0.321334	1.14252	1.14252	0.022471	1.42691	1.42691	0.00910828	0.649951	-1.53858	0.687554	1.05398	1.05398	0.281619	0.864582	-1.15663	0.340299	0.880036	-1.13632	0.0287658	1.39846	1.39846	0.591093	0.931903	-1.07307	3.89461	1.04303	0.238057	1
cg19483816	GNB2L1;SNORD95;SNORD96A	0.0188339	0.874481	1.02241	1.02241	0.00374027	1.73137	1.73137	0.246157	1.18537	1.18537	0.869607	0.977228	-1.0233	0.745135	1.04679	1.04679	0.846064	1.02763	1.02763	0.00222576	0.548425	-1.8234	0.300649	0.860382	-1.16227	0.849021	0.973632	-1.02708	4.80129	1.49493	0.276765	1
cg16097596	GNB2L1;SNORD96A	0.0250927	0.00383551	0.205118	-4.87525	0.100689	0.481504	-2.07683	0.799666	1.1089	1.1089	0.27739	0.631808	-1.58276	0.00182808	0.165289	-6.05002	0.693673	0.85137	-1.17458	0.136318	0.520792	-1.92015	0.915744	0.957896	-1.04395	0.759268	1.13308	1.13308	4.35162	11.387	2.32598	1
cg18297491	GNB2L1;SNORD96A;SNORD95	0.00317022	0.020026	0.70072	-1.4271	0.055624	1.31632	1.31632	0.153241	1.21386	1.21386	0.308647	1.14285	1.14285	0.063405	1.30282	1.30282	8.87E-05	2.43416	2.43416	0.873957	1.02032	1.02032	0.50742	0.91831	-1.08896	0.945083	0.991308	-1.00877	8.41886	2.14114	0.226068	1
cg23494413	GNB3	0.000598424	0.923829	0.985762	-1.01444	0.0022094	0.525593	-1.90261	0.000842752	0.471024	-2.12303	0.99658	1.00064	1.00064	0.131388	0.783311	-1.27663	1.56E-05	0.262232	-3.81342	0.859886	0.973854	-1.02685	0.764994	1.04598	1.04598	0.0857622	0.752205	-1.32942	13.5939	4.84093	0.316543	1
cg26536401	GNB3	0.00701073	0.021138	0.593517	-1.68487	0.0307323	0.620314	-1.61209	0.00512699	0.498692	-2.00525	0.0411704	0.641927	-1.55781	0.0035341	0.475151	-2.1046	0.000559324	0.365297	-2.7375	0.178514	0.764168	-1.30861	0.0579591	0.668104	-1.49677	0.542471	0.890462	-1.12301	6.61196	3.70793	0.498482	1
cg15985106	GNB3	0.0202079	0.662748	1.04718	1.04718	0.0240439	0.75371	-1.32677	0.00356437	0.660457	-1.5141	0.0270882	0.759651	-1.31639	0.86651	1.01783	1.01783	0.951356	0.993611	-1.00643	0.0362846	1.29142	1.29142	0.125786	0.840261	-1.19011	0.190475	0.864458	-1.15679	4.68805	0.819491	0.155382	1
cg09997760	GNB4	0.0168838	0.514201	1.12176	1.12176	0.00238638	0.479323	-2.08628	0.0452697	0.671035	-1.49024	0.0385799	0.659555	-1.51617	0.223432	0.800771	-1.2488	0.713756	0.938013	-1.06608	0.0223236	0.621525	-1.60894	0.00404415	0.511425	-1.95532	0.740905	0.943994	-1.05933	4.9809	2.37996	0.424726	1
cg01358541	GNB4	0.0199252	0.287296	0.656453	-1.52334	0.21234	0.606266	-1.64944	0.0147957	0.319023	-3.13457	0.105699	1.96065	1.96065	0.451208	1.33969	1.33969	0.455185	1.33613	1.33613	0.00763273	3.6939	3.6939	0.015564	3.09617	3.09617	0.914289	0.959814	-1.04187	4.71055	10.8274	2.04314	1
cg03466124	GNB4	0.0220664	0.0640654	0.305085	-3.27778	0.00841206	0.146607	-6.82095	0.041599	0.261794	-3.8198	0.213384	0.473553	-2.11169	0.02202	0.208695	-4.79167	0.110419	0.370683	-2.69772	0.00464956	0.116782	-8.56294	0.017599	0.192487	-5.19516	0.0173646	0.191554	-5.22047	4.54923	23.4474	4.58147	1
cg01969910	GNB4	0.0319612	0.528406	1.36692	1.36692	0.00180942	0.100647	-9.93572	0.117064	0.430756	-2.3215	0.268811	0.567804	-1.76117	0.821073	1.11701	1.11701	0.113609	0.426619	-2.34401	0.217153	1.89482	1.89482	?	?	?	0.493911	1.40506	1.40506	4.45773	14.6528	2.87618	1
cg18287522	GNB4	0.0389441	0.350761	0.841729	-1.18803	0.351559	0.841983	-1.18767	0.00356126	0.492394	-2.03089	0.700559	1.07178	1.07178	0.0868598	1.40388	1.40388	0.116269	0.736235	-1.35826	0.238497	1.24793	1.24793	0.856311	1.03305	1.03305	0.0556132	0.677654	-1.47568	3.71954	1.89596	0.453094	1
cg01750654	GNB4	0.0397978	0.00613546	0.192069	-5.20647	0.543076	0.752743	-1.32848	0.0258164	0.29488	-3.39121	0.0499801	0.356522	-2.80488	0.00990185	0.22235	-4.49741	0.320979	0.623061	-1.60498	0.0555288	0.36744	-2.72153	0.0757578	0.401732	-2.48922	0.091521	0.424291	-2.35688	3.69002	12.4413	2.99699	1
cg25823419	GNB4;GNB4	0.00276611	0.00144425	12.9833	12.9833	?	?	?	?	?	?	?	?	?	0.00190748	11.1324	11.1324	?	?	?	0.012054	0.210996	-4.73943	0.626955	1.23285	1.23285	0.248002	1.69709	1.69709	19.3205	28.2112	1.46016	1
cg02652202	GNB5	0.00104214	0.00889826	0.540802	-1.84911	9.18E-05	0.275277	-3.63271	0.000254042	0.328512	-3.04403	0.302446	1.21808	1.21808	0.865167	0.969103	-1.03188	0.37086	1.18494	1.18494	0.852762	0.966272	-1.03491	0.529563	1.12481	1.12481	0.673836	1.08131	1.08131	11.6295	6.28131	0.480104	1
cg21830821	GNB5	0.0142993	0.0846322	0.766317	-1.30494	0.0733003	0.756765	-1.32141	0.00384489	0.58063	-1.72227	0.958959	0.992844	-1.00721	0.126334	0.793901	-1.2596	0.468838	1.10832	1.10832	0.00874723	1.59375	1.59375	0.0756767	0.758872	-1.31775	0.0807873	0.76321	-1.31026	5.26313	1.62331	0.274161	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg02505536	GNB5	0.0316961	0.0847927	-2.03785	0.0687318	2.82724	-2.14023	2.012579	0.3131781	-1.18694	0.8420603	0.928436	-1.07708	1.0221164	0.359035	-2.78524	0.0150003	0.327315	-3.05516	0.00491192	0.244852	-4.01846	0.2324771	0.6264462	-1.59627	0.00401622	0.2360051	-4.23636	4.9733	10.9879	1.96389	1
cg01837661	GNB5;GNB5	0.675886	0.951167	-1.05134	0.00807042	5.05 1688	-1.81262	0.0121338	0.568915	-1.75774	0.3303	0.887262	-1.12706	1.28E-05	0.335463	-2.98095	0.000486357	0.521502	-1.91754	0.578569	1.0691	1.0691	0.0149335	0.7002027	-1.42815	0.00627501	0.654433	-1.52804	0.16768	3.78964	0.199597	1
cg19934625	GNB5;GNB5	0.00298492	0.4410776	1.2727	1.2727	0.000678542	4.924911	4.924911	0.940124	1.02333	1.02333	0.000928715	4.56112	4.56112	0.147821	0.620887	-1.6106	0.00339094	3.39643	3.39643	0.431475	0.7815754	-1.27947	0.3157797	0.7277342	-1.37487	0.10882	1.710555	1.710555	8.570797	12.7894	1.32638	1
cg13127846	GNB5;GNB5	0.0281382	0.00124272	1.99995	1.99995	0.706813	3.135154	3.135154	0.57185	0.939507	-1.08754	0.0983862	0.766238	-1.30508	0.156322	1.249511	1.249511	0.138944	1.2636	1.2636	0.320235	1.16285	1.16285	0.231881	1.202324	0.836639	1.030376	0.183052	1.030376	4.18052	1.42869	0.303777	1
cg22134372	GNB5;GNB5	0.0113248	0.0938203	0.370754	-2.67921	0.0192209	0.217554	-4.59657	0.0905741	0.366359	-2.72956	0.711036	1.22187	1.22187	0.0263191	0.242011	-4.13204	0.129363	0.413775	-2.41678	0.00381067	0.122132	-1.81584	0.8901165	1.07724	1.07724	0.0331239	0.261474	-3.82448	0.42043	18.4833	4.08246	1
cg00489467	GNB5;GNB5	0.0436016	0.00585248	0.60007	-1.66647	0.0829599	0.761773	-1.31273	0.244114	0.8413691	-1.18854	0.1910044	0.821826	-1.2168	0.131278	0.7937705	-1.25977	0.4076313	1.12757	1.12757	0.0366395	1.43082	1.43082	0.1910454	1.041824	0.9418251	1.0184	1.0184	3.56735	1.13507	0.28283	1
cg00810824	GNE;GNE	1.34E-06	0.0176692	0.81613	-1.2253	0.0102008	0.796077	-1.25616	0.00127235	0.718245	-1.39228	0.495411	0.952431	-1.04994	0.550648	0.95838	-1.04343	0.332946	1.07285	1.07285	0.00025125	1.52974	1.52974	0.00200866	0.7357115	-1.35922	1.63E-08	68.0901	5.34564	0.0697851	1
cg19533799	GNG10;DNAJC25-GNG10	0.000947882	0.167633	1.08442	1.08442	0.00740124	0.824011	-1.21158	0.00104637	0.706437	-1.90644	0.0414895	1.15831	1.15831	0.247246	0.9192508	-1.06894	0.0166121	0.850955	-1.17515	0.00300515	1.98572	1.98572	0.0290694	0.6678935	-1.51229	0.6795586	1.023446	1.023446	11.9663	0.5745609	0.0427475	1
cg09464405	GNG10;DNAJC25-GNG10	0.00813353	0.529148	1.18049	1.18049	0.956281	0.985833	-1.03437	0.734118	0.9150991	-1.09279	0.627973	0.895396	-1.16182	0.177289	0.6889932	-1.45152	0.217902	1.40122	1.40122	0.0140022	2.607907	2.607907	0.0198782	-1.01228	0.427424	0.8089866	-1.23497	6.31117	0.7708	0.953625	1
cg10698424	GNG10;DNAJC25-GNG10	0.0133262	0.0196436	0.746042	-1.34041	0.67902	1.0442	1.0442	0.0307739	1.30171	1.30171	0.323694	0.899477	-1.11176	0.0124154	0.723666	-1.38185	0.693936	0.952121	-1.05029	0.0201502	1.33817	1.33817	0.0388831	1.28215	1.28215	0.165805	1.16604	1.16604	5.38632	0.9215587	0.152087	1
cg10307233	GNG10;DNAJC25-GNG10	0.0300723	0.0143824	0.67091	-1.49055	0.0127677	0.944056	-1.05918	0.5611	0.858882	-1.16443	0.375057	1.22455	1.22455	0.0138125	0.6178525	-1.61925	0.108408	0.670091	1.49224	0.00738509	0.598538	1.67096	0.0123594	0.7447856	-1.34252	0.00584268	0.392925	-2.54485	0.25332	5.03176	0.4346662	1
cg00938054	GNG11	0.00161802	0.0288128	0.415123	-2.40892	0.0203144	0.464969	-2.15068	0.0178924	0.603056	-1.65822	0.630755	0.842008	-1.08843	0.532089	0.894755	-1.11762	0.536059	1.18585	1.18585	0.010916	0.431096	0.431096	-2.31805	0.0545864	1.80999	1.80999	0.6183808	1.14642	1.14642	4.70762	5.51762	1.04183	1
cg16693012	GNG12	1.89E-05	0.00247849	-1.60914	-1.64065	0.00122894	0.57329	-1.74432	0.00826459	0.671994	-1.48811	0.481011	1.08796	1.08796	2.81E-07	0.168316	-5.9412	0.025188	0.731009	-1.36797	0.0300719	0.740608	-1.35024	0.03957	0.945999	-1.05708	6.14E-05	0.418877	-2.38734	34.3774	7.54239	0.195022	1
cg00489985	GNG12	0.0040882	0.00149569	0.114546	-8.74537	0.582885	1.300446	0.133422	0.64649	-2.1529	0.0130609	0.23259	-4.2994	0.00913774	0.208368	-4.79919	0.031515	0.62215	-1.60733	0.000590868	0.0807913	12.35	12.35	0.0148358	0.7124472	-1.40356	0.00449651	0.166296	1.70004	13.1332	2.72613	3.15871	1
cg04512163	GNG12	0.00919041	0.965224	1.00909	1.00909	0.0335533	0.43975	-2.27286	0.00102726	0.724609	-2.74809	0.716231	1.07875	1.07875	0.988353	0.990973	-1.00304	0.190741	1.75008	1.75008	1.13332	1.255115	1.255115	0.781386	1.03987	1.03987	0.0937366	1.46622	1.46622	6.07187	4.14586	0.606931	1
cg03991309	GNG12	0.0105555	0.0148608	0.375698	-2.66171	0.00977459	0.343875	-2.90803	0.0214375	0.405369	-2.46689	0.298243	0.703064	-1.42235	0.00536556	0.301794	-3.31352	0.616732	0.848002	-1.17924	0.00125999	0.2147521	-4.65653	0.937449	1.02598	1.02598	0.0628766	0.5049714	-1.98132	5.80908	9.82208	1.50295	1
cg25407796	GNG12	0.0146051	0.0847973	0.438659	-2.27992	0.058092	1.19283	1.19283	0.0210174	0.454605	-2.19971	0.126966	0.882645	-1.07192	0.128502	0.485255	-2.06077	0.978245	0.988071	-1.01207	0.000943758	0.9893071	-14.2345	0.194093	0.549263	-1.82062	0.195593	0.5474991	-1.82649	5.21597	16.0012	2.72687	1
cg17125385	GNG12	0.0106631	0.0200667	0.379941	-2.63151	0.0307596	0.571364	-1.83552	0.0246005	0.651868	-1.53486	0.526087	0.563045	-1.77625	0.122979	0.8242748	0.955544	0.542816	0.656169	-1.524	0.0375317	0.8345222	-2.30138	0.054145	0.470062	-2.12738	0.567325	0.8189884	-2.22103	5.03256	9.50957	1.67942	1
cg26678852	GNG12	0.0279847	0.00934043	1.7128	1.7128	0.323492	0.846666	-1.1811	0.0241421	0.644754	-1.55098	0.0831621	1.36767	1.36767	0.188023	0.796359	-1.25571	0.771942	1.04858	1.04858	0.0486356	0.692374	-1.44431	0.241346	1.22164	1.22164	0.509821	1.115131	1.115131	4.18859	1.76746	0.375085	1
cg00884805	GNG12	0.0181885	0.0785751	0.240349	-4.16066	0.0731222	0.944056	-2.24792	0.0534823	0.366258	-2.73232	0.426828	0.213372	-4.68665	0.0871863	0.261164	-3.82902	0.0415744	0.189179	-5.2841	0.0178507	0.2705	-3.69697	0.0234507	0.140959	-6.85125	0.202659	0.184368	-2.60167	4.00247	10.0357	1.71466	1
cg03140521	GNG12	0.0328343	0.217997	0.813741	-1.22889	0.704199	0.300145	-3.33214	0.106255	0.264091	0.830976	-1.2034	0.112304	0.79598	-1.31652	0.00527536	0.557093	-1.79503	0.194318	1.24408	1.24408	0.0074932	0.577947	-1.73026	0.0353033	0.677126	-1.47683	0.801621	0.960748	-1.04086	3.9572	1.58556	0.356158	1
cg22522961	GNG12	0.0189808	0.3605647	0.74666	-1.33931	0.623903	1.12726	1.12726	0.0132606	0.740506	-1.35056	0.501098	1.32706	1.32706	0.0028936	0.753495	-1.32736	0.191019	1.7485	1.7485	0.0016056	0.419336	0.419336	-2.38493	0.0154664	1.80999	1.80999	0.6183808	1.14642	1.14642	4.70762	5.51762	1.04183	1
cg24889366	GNG13	0.00143458	5.24E-05	3.84908	3.84908	0.11408	0.73602	-1.35866	0.216057	1.2613	1.2613	0.00276379	2.89069	2.89069	0.072963	0.7	1.42857	0.0147694	1.70736	1.70736	0.0485274	0.669088	-1.49457	0.00690031	1.86557	1.86557	6.43E-05	3.7061	3.7061	20.0969	10.1197	0.447594	1
cg09133452	GNG13	0.00409793	0.377198	0.886808	-1.12764	0.00782325	0.636007	-1.57231	0.0417962	0.732671	-1.36487	0.00240643	1.7515	1.7515	0.071017	0.765184	-1.30653	0.962732	-1.03871	0.753944	1.04257	1.04257	0.00318648	0.540195	1.29744	1.29744	0.0113684	0.540195	1.29744	0.16982	2.24741	2.16982	0.247419	1
cg08074971	GNG13	0.00636806	0.13342	1.00909	1.00909	0.0335533	0.43975	-2.27286	0.00102726	0.724609	-2.74809	0.716231	1.07875	1.07875	0.988353	0.990973	-1.00304	0.190741	1.75008	1.75008	1.13332	1.255115	1.255115	0.781386	1.03987	1.03987	0.0937366	1.46622	1.46622	6.07187	4.14586	0.606931	1
cg08615556	GNG13	0.0274553	0.995186	1.00105	1.00105	0.50549	1.1252	1.1252	0.878419	1.02709	1.02709	0.000954971	0.423447	-2.36157	0.014085	0.58915	-1.69736	0.626143	0.978593	-1.08949	0.680531	0.930271	-1.07496	0.823232	1.03983	1.03983	0.479309	1.13377	1.13377	4.21683	2.03553	0.42908	1
cg06225589	GNG13	0.0481962	0.0214078	0.24678	-4.05231	0.428732	1.192	1.192	0.0206623	0.51665	1.93669	0.108626	0.897314	1.47313	0.239885	1.113594	1.1594	0.297489	1.44958	1.44958	0.0619248	0.8089374	-1.23592	0.0932571	-1.04682	0.0197578	2.85018	4.31457	7.51251	1.94884	1
cg18379295	GNG2	0.00021895	0.00220861	0.458201	-2.18331	0.341532	0.836614	-1.19529	0.0327445	0.639628	-1.56435	0.0268978	0.620595	-1.61136	0.0782695	0.70043	-1.42769	0.719162	0.67093	1.49075	0.00055	1.41051	1.41051	3.18E-05	0.1228805	0.43705	0.299666	11.0173	0.466417	1
cg08001559	GNG2	0.0067606	0.016109	0.409426	-2.44245	0.918118	0.969296	-1.03168	0.00598934	0.336434	-2.97235	0.378877	0.7605	-1.31492	0.000845505	0.218879	-4.56874	0.177173	0.647277	-1.54493	0.00487821	0.3225515	-3.10063	0.154831	1.58686	1.58686	0.831639	0.937476	-1.06669	6.6872	9.74022	1.29471	1
cg01018358	GNG2	0.0284571	0.0765751	0.409349	-2.44266	0.273562	0.858507	-1.16492	0.0227672	-2.39997	0.0258933	0.768916	1.30053	1.30053	0.812748	0.8854433	-1.12909	0.186304	0.822692	-1.21569	0.0215289	0.8077585	-1.23792	0.0415744	0.8511	0.8511	0.156188	1.175	1.175	0.0722481	13.9001	0.494984	0.49325	1
cg26721004	GNG2;GNG2	0.0164156	2.232E-05	1.11137	0.0022513	0.694985	-1.43888	0.181852	0.887436	-1.12684	0.374378	0.926043	-1.07986	0.995479	1.00048	1.00048	0.886804	0.097691	1.09769	1.09769	0.00572039	0.73689	-1.35705	0.0528438	0.8307311	-1.20376	0.359506	0.1082653	1.08263	1.08263	5.05573	0.568594	0.0999691	1
cg00009940	GNG2;GNG2	0.00760094	0.0144394	0.475376	-2.10353	0.0123905	0.622956	-1.60544	0.0211168	0.654855	-1.52759	0.0533382	1.01001	1.01001	0.966756	1.035383	-1.00165	0.0306824	0.663386	1.50705	0.0033793	1.000	1.000	0.0033793	-1.92184	0.284774	1.26584	1.26584	0.607751	1.1161	1.1161	5.38353	0.7439	0.1586	1
cg04926767	GNG3;BCL2;BCL2	0.0119985	0.108862	0.524601	-1.90621	0.00334416	4.36325	4.36325	0.0141457	3.05574	3.05574	0.0684083	2.12268	2.12268	0.27704	0.6589668	1.51753	0.868192	0.940564	-1.06319	0.0304479	0.991263	-2.55583	0.0951052	0.96718	1.96718	0.632181	0.8370313	1.19472	5.57372	12.0148	1.9161	1
cg22076160	GNG4;GNG4;GNG4	0.00747476	0.00311003	0.3288558	-3.04083	0.518443	0.544216	-1.83751	0.00149206	0.283837	-3.52315	0.0373417	0.514555	-1.94343	0.0742183	0.578666	-1.72811	0.700825	0.809286	-1.11199	0.65E-05	0.1134003	-7.66856	0.10241	1.63466	1.63466	0.008308018	0.250658	-3.98951	12.7736	15.2967	1.06447	1
cg02088565	GNG4;GNG4;GNG4	0.0174632	0.0189908	0.3605647	-2.77344	0.678303	0.623905	1.12726	1.12726	0.0132606	0.740506	-1.35056	0.501098	1.32706	0.0028936	0.753495	-1.32736	0.191019	1.7485	1.7485	0.0016056	0.419336	0.419336	-2.38493	0.0154664	1.80999	1.80999	0.6183808	1.14642	1.14642	4.70762	5.51762	1.04183	1
cg06714284	GNG4;GNG4;GNG4	0.00228441	0.855774	0.940885	-1.06283	0.00981344	2.98415	2.98415	0.0296898	2.35641	2.35641	0.0712778	0.509302	-1.96347	0.00249999	0.244946	-4.08253	0.410118	1.32593	1.32593	0.922096	1.0333	1.0333	0.361463	1.36913	1.36913	0.000429704	0.154735	-6.46268	9.27447	16.4759	1.57909	1
cg23965720	GNG4;GNG4;GNG4	0.0039171	0.0018876	0.2626276	-3.80781	0.0171886	0.496569	-1.12272	0.0035737	0.348172	-2.87214	0.247722	0.683602	-1.46307	0.0127325	0.695665	-1.43747	0.638869	0.88374	1.13156	0.0026109	0.8803062	1.136152	0.0013062	0.8810162	1.13506	1.85142	0.0381958	2.900049	-2.4477	0.502219	13.3681	3.3083	1
cg25217276	GNG4;GNG4;GNG4	0.00455226	0.182969	0.634827	-1.57523	0.00365374	0.282479	-3.54009	0.799166	1.08544	1.08544	0.0779224	0.532625	-1.87749	0.0593234	0.5043241	1.98287	0.0635398	0.511277	-1.95589	0.845416	1.06478	1.06478	0.0333083	0.614471	0.6241071	0.0022153	0.2518884	0.755121	12.3668	1.45575	1
cg02780849	GNG4;GNG4;GNG4	0.00973128	0.0830511	0.250315	-3.99497	0.0170182	8.16616	8.16616	0.0339847	5.96721	5.96721	0.0955632	3.74881	3.74881	0.00791932	0.8856183	-1.16797	0.708645	0.763583	-1.30962	0.509161	0.6167361	-1.62144	0.00659259	12.7558	12.7558	0.456312	1.72902	1.72902	5.96229	49.1866	7.33299	1
cg22533801	GNG4;GNG4;GNG4	0.0103998	0.626567	0.774626	-1.29098	0.641523	1.29782	1.29782	0.0266033	0.378767	2.64361	0.0284107	0.348172	2.87214	0.247722	0.683602	-1.46307	0.352627	0.775794	1.28955	0.0956655	0.7247	1.38029	0.0271146	0.7731	1.29366	0.0271146	0.7731	1.29366	0.0271146	0.7731	1.29366	0.0271146	0.7731	1.29366
cg24456695	GNG4;GNG4;GNG4	0.0107144	0.057053	0.378088	-2.64489	0.0188979	1.623341	1.623341	0.223488	1.78204	1.78204	0.146884	2.02036	2.02036	0.0263576	0.200018	4.99954	0.404924	0.680487	-1.46954	0.534468	0.75261	-1.32869	0.0052829	0.52495	0.52495	0.0253788	0.905217	-1.10471	0.78127	18.6844	2.87278	1
cg22941046	GNG4;GNG4;GNG4	0.0454363	0.0107483	0.2626276	-3.80781	0.0171886	0.4448	0.4448	0.0339847	0.26965	0.26965	0.0712778	0.532625	0.26963	0.0263576	0.2000183	4.99954	0.437444	0.680487	-1.46954	0.534468	0.75261	-1.32939	0.0052829	0.52495	0.52495	0.0253788	0.905217	-1.10471	0.78127	18.6844	2.87278	1
cg00043510	GNG4;GNG4;GNG4	0.0114389	0.0302485	0.44696	-2.23734	0.15608	1.61549	1.61549	0.0162473	2.53213	2.53213	0.761987	1.10078	1.10078	0.0411018	0.4747557	-2.10634	0.283612	0.703194	-1.42208	0.357001	0.7412321	-1.3491	0.00231949	3.83726	3.83726	0.953918	1.018443	1.018443	5.6606	8.95737	1.40658	1
cg19455717	GNG4;GNG4;GNG4	0.0110228	0.0199484	0.3287348	-3.3278	0.0427508	3.22286	3.22286	0.0341789	1.56473	1.56473	0.136317	2.23752	2.23752	0.0022853	0.1178624	-8.4888	0.753432	0.681581	-1.17208	0.4284	0.5972071	-1.08484	0.0015222	0.9553271	-1.04682	0.0197578	2.85018	4.31457	7.51251	1.94884	1
cg24208554	GNG4;GNG4;GNG4	0.0244948	0.932158	1.02045	1.02045	0.173443	0.96278	-1.01866	0.5549848	1.14288	1.14288	0.0840131	0.634731	-1.57547	0.235462	1.0840131	0.838259	1.19295	0.262539	0.757492	-1.32015	0.864251	1.15705	0.0796329	0.7435377	0.5377	0.4368221	0.7435377	0.5377	0.4368221	0.7435377	0.5377	0.4368221	0.795796
cg04576607	GNG4;GNG4;GNG4	0.0167179	0.0455536	0.316383	-3.16073	0.24328	0.541832	-1.84559	0.772217	0.864436	-1.15682	0.341545	1.6354	1.6354	0.00115396	0.0910148	-10.9872	0.0114264	0.204187	-4.89748	0.105102	0.4111431	-2.43224	0.983275	0.985934	-1.01058	0.0246037	0.260921	-3.83258	4.99735	19.9374	3.5463	1
cg20318798	GNG4;GNG4;GNG4	0.0183878	0.4561004	0.7975	-1.25404	0.1123451	0.4279	-2.3379	0.4679	0.960686	1.04166	0.32058	3.12058	0.177337	5.639	0.1772619	-5.64185	0.2960644	0.515076	1.94209	0.0422816	0.662645	-2.7252	0.0368897	1.93029	1.93029	0.0008871	0.4132244	-2.42122	1.84061	4.22	0.49325	1
cg06173536	GNG4;GNG4;GNG4	0.0187768	0.0406635	0.184357	-5.42425	0.0582517	6.62358	6.62358	0.187596	2.7159	2.7159	0.232535	2.44901	2.44901	0.00731774	0.0842499	-11.8695	0.249431	0.422656	-2.36599	0.212496	0.390884	-2.55859	0.0205449	7.36204	7.36204	0.907166	0.919927	-1.08704	4.80621	38.9618	7.20583	1
cg02038345	GNG4;GNG4;GNG4	0.0195012	0.0208345	0.464004	-1.53127	0.307342	0.960468	-1.04114	0.4121516	0.868763	-1.15106	0.628624	1.08476	1.08476	0.0945126	1.092725	-1.09151	0.419655	1.09213	1.09213	0.0032074	0.6505232	-1.53723	0.0172326	1.11685	1.11685	0.10926	1.13086	1.13086	4.74506	0.6508423	0.1608945	1
cg17500055	GNG4;GNG4;GNG4	0.0198822	0.0650024	-1.53841	-1.53841	0.10708	1.00708	1.00708	0.0016081	0.640722	-1.84938	0.373291	1.33798	1.33798	0.009006	1.17862	1.17862	0.715538	1.12666	1.12666	0.0013463	0.5463933	0.312195	-3.20312	0.0186161	2.37905	2.37905	0.0312536	0.447043	-2.23892	4.17402	7.57691	1.74287	1
cg01712686	GNG4;GNG4;GNG4	0.0243783	0.113847	0.451614	-2.21428	0.0437263	2.91921	0.440977	1.4378	0.0432449	2.9285	0.0228	0.0285	0.0228	0.0228	0.0228	0.0228	0.557712	0.760340	-1.31519	0.560881	0.732141	-1.36585	0.00634541	1.16551	1.16551	0.613367	1.26548	1.26548	4.39551	14.8659	3.00628	1
cg04020944	GNG4;GNG4;GNG4	0.0248491	0.00838545	0.2626276	-3.80781	0.0171886	0.496569	-1.12272	0.0035737	0.348172	-2.87214	0.247722	0.683602	-1.46307	0.0127325	0.695665	-1.43747	0.638869	0.88374	1.13156	0.0026109	0.8803062	1.136152	0.0013062	0.8810162	1.13506	1.85142	0.0381958	2.900049	-2.4477	0.502219	13.3681	3.3083	1
cg08840808	GNG4;GNG4;GNG4	0.0298593	0.565618	1.06124	1.06124	0.998791	0.999845	-1.00016	0.0575235	0.802637	-1.24589	0.0354338	0.778285	-1.28488	0.225361	1.1392	1.1392	0.732831	1.03569	-1.03569	0.00220563	1.55143	1.55143	0.72662	1.03658	1.03658	0.724633	0.964447	-1.03686	4.09966	0.6792	0.14748	1
cg10404312	GNG4;GNG5	0.0310091	0.678002	-1.47493	-1.47493	0.0362219	0.687884	-1.45352	0.502685	0.993807	-1.11012	0.0717812	1.36166	1.36166	0.0524125	0.7126868	-1.40318	0.274298	1.19087	1.19087	0.128149	1.28734	1.28734	0.1219444	1.07932	1.07932	0.232728	1.251686	1.251686	5.31594	0.8330002	0.1733202	1
cg09649610	GNG4;GNG4;GNG4;GNG4	0.0338619	0.279077	-1.78523	-1.27629	0.635775	2.10896	1.10896	0.0143951	1.92306	1.92306	0.350161	0.960072	-1.04159	0.0763345	0.6652174	1.53333	0.364949	1.81758	1.2236	0.0628226	0.635315	-1.57402	0.0146978	1.91752	1.91752	0.314631	1.25284	1.25284	5.91358	0.91926	0.661559	1
cg24640697	GNS	0.0240085	0.0535522	0.134226	-7.45013	0.161156	0.440702	-2.26911	0.0405716	0.273956	-3.65022	0.0896515	0.358987	-2.78561	0.0303896	0.248257	-4.02808	0.168807	0.446177	-2.24126	0.00223801	0.0959881	-10.418	0.129483	0.407841	-2.45194	0.0483312	0.290754	-3.43933	4.41886	20.9798	4.22026	1
cg27181295	GNS	0.0010069	0.47975	1.03603	1.03603	0.0358148	0.514544	-1.94456	0.0010822	0.432623	-2.31268	0.0176154	0.7003	1.42766	0.0010822	0.1178629	-8.48288	0.0093182	1.40551	1.40551	0.0018242	0.7722513	-1.29491	0.254919	0.8845151	-1.13052	0.0230163	0.768747	-1.30082	0.2397	3.97295	0.149944	1
cg25556841	GNS	0.00037704	0.282049	0.768211	-1.30173	0.137191	1.45882	1.45882	0.905194	0.972286	-1.0285	0.0616853	0.346878	-2.88286	2.96E-05	0.145216	-6.88627	0.0248748	0.532694	-1.87725	0.0001107	0.2010331	-4.97436	0.0188823	0.5113308	-1.95577	0.0385451	0.568172	-1.76003	15.4491	13.6139	0.783298	1
cg18754118	GNS	0.00547925	0.0248822	0.4284	-2.33407	0.0222764	0.748643	-1.33586	0.0178883	0.588603	-1.69883	0.2216719	0.828741	-1.20666	0.0178883	0.1369913	7.29878	0.0340224	0.875371	1.14242	0.0001107	0.2010331	-4.97436	0.0188823	0.5113308	-1.95577	0.0385451	0.568172	-1.76003	15.4491	13.6139	0.783298	1
cg07843390	GNS	0.0012887	0.528359	0.865555	-1.15533	0.730492	0.924818	-1.08129	0.0902088	0.655709	-1.52507	0.137157	1.43603	1.43603	7.22E-05	0.195221	-5.12239	0.116675	1.47003	1.47003	0.769008	0.935606	-1.06883	0.00281743	2.53453	2.53453	0.0579884	1.623316	1.623316	10.9464	8.85683	0.719209	1
cg21340148	GNS	0.00146519	0.0039626	0.005 4886	-2.05385	0.0091172	2.84534	1.84534	0.661028	1.08541	1.08541	0.0560753	0.508909	-1.96499	0.00395487	0.486775	-2.05434	0.0183518	0.587687	-1.70159	0.000683087	0.381454	-2.62155	0.0993033	0.71499	-1.39862	0.00805105	0.532309	-1.87861	10.5096	5.74257	0.485702	1
cg25830139	GNG4;GNG5	0.00170454	0.0018365	0.2626276	-3.80781	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02736204	GNL2	0.0400767	0.0247215	0.191756	-5.21497	0.042546	0.23636	-4.23084	0.0952297	0.322309	-3.10261	0.262143	0.485692	-2.05892	0.043998	0.239422	-4.17672	0.0386944	0.227907	-4.38776	0.00581893	0.107452	-9.3065	0.650538	0.754514	-1.32536	0.0221222	0.183661	-5.44482	3.68054	22.2376	5.37061	1
cg01138653	GNL3;GNL3;GNL3;PBRM1	0.0364741	0.315467	0.607867	-1.6451	0.0117833	0.22122	-4.5204	0.952041	1.02927	1.02927	0.251511	0.562948	-1.77636	0.70529	0.833413	-1.19988	0.00256675	0.134609	-7.42891	0.148056	2.10477	2.10477	0.768034	1.15241	1.15241	0.33651	0.621719	-1.60844	3.80967	13.8789	3.23827	1
cg21899138	GNL3;GNL3;GNL3;PBRM1;GNL3;GNL3;GNL3	0.00391611	0.0080908	0.229926	-4.34923	0.00110199	0.0802603	-12.4595	0.0109635	0.259979	-3.84646	0.212291	1.56135	1.56135	0.59704	0.841711	-1.18806	?	?	?	?	?	?	0.00073783	0.0607819	-16.4523	0.0197248	0.322795	-3.09794	24.5696	26.9362	0.626471	1
cg12365107	GNL3;GNL3;GNL3;PBRM1;GNL3;GNL3;GNL3	0.0108654	0.0126305	0.155445	-6.43313	0.0230433	0.200556	-4.98613	0.400611	1.61494	1.61494	0.0284897	0.218711	-4.57225	?	?	?	?	?	?	?	?	?	?	?	?	0.0241601	4.89002	4.89002	8.46031	21.6346	3.06862	1
cg03822350	GNL3;GNL3;GNL3;PBRM1;GNL3;GNL3;GNL3	0.0443291	0.776176	1.06253	1.06253	0.259702	0.778668	-1.28424	0.634913	1.10714	1.10714	0.916525	0.977939	-1.02256	0.991313	1.00232	1.00232	0.00108292	0.35826	-2.79127	0.658697	0.909751	-1.0992	0.125377	1.42323	1.42323	0.642573	0.905339	-1.10456	3.54539	2.54212	0.637353	1
cg14461492	GNL3;GNL3;GNL3;PBRM1;GNL3;GNL3;GNL3	0.047576	0.550012	0.865061	-1.15599	0.0200551	0.51046	-1.95902	0.0251771	0.528279	-1.89294	0.125518	1.48793	1.48793	0.76939	1.073	1.073	0.0512697	0.587451	-1.70227	0.0284369	0.53802	-1.85867	0.594162	0.879066	-1.13757	0.0993413	0.648573	-1.54185	3.45252	3.14113	0.808718	1
cg15685941	GNL3;GNL3;GNL3;SNORD19	0.000311702	2.91E-05	0.172115	-5.81006	0.544338	1.14069	1.14069	0.230736	0.763608	-1.30957	0.3724	1.21707	1.21707	0.0957134	0.675327	-1.48076	0.186227	1.3507	1.3507	4.56E-05	0.191435	-5.2237	0.273454	0.783109	-1.27696	0.00850088	0.486507	-2.05547	16.2787	11.8642	0.647837	1
cg22692725	GNL3;GNL3;GNL3;SNORD19	0.0050487	0.889362	1.05582	1.05582	0.869109	0.937672	-1.06647	0.757694	0.886253	-1.12835	0.238703	1.61854	1.61854	0.000783	0.137804	-7.25668	0.994641	0.997383	-1.00262	0.000626931	0.128498	-7.7822	0.721902	0.869834	-1.14965	0.0123361	0.296461	-3.37313	7.31691	17.645	2.14359	1
cg21199854	GNL3;GNL3;GNL3;SNORD19B	0.000719664	0.00388312	0.396966	-2.51911	0.000739071	0.295917	-3.37932	0.0410427	0.57113	-1.75091	0.252042	0.752559	-1.3288	4.49E-05	0.15959	-6.26605	0.00612194	0.427447	-2.33947	0.000732645	0.295425	-3.38495	0.724343	0.919318	-1.08776	0.0139272	0.485917	-2.05797	12.9103	11.5414	0.79464	1
cg04981665	GNL3;GNL3;GNL3;SNORD19B	0.0137138	0.256002	1.15448	1.15448	0.00891535	0.668232	-1.49649	0.017228	0.70358	-1.4213	0.632498	0.9433	-1.06011	0.000769651	0.539557	-1.85337	0.684279	0.951677	-1.05078	0.431027	0.90722	-1.10227	0.322986	0.883662	-1.13165	0.0763633	0.787524	-1.2698	5.33596	1.24042	0.206635	1
cg24892309	GNL3;GNL3;GNL3;SNORD19B	0.0233733	0.0102086	0.559564	-1.7871	0.0126213	0.573538	-1.74356	0.0793415	0.705283	-1.41787	0.182175	1.28896	1.28896	0.026208	0.623264	-1.60446	0.208999	0.78867	-1.26796	0.131033	0.746553	-1.33949	0.0509662	0.671295	-1.48966	0.0142028	0.581397	-1.72	4.46002	2.27007	0.45243	1
cg17036641	GNL3;GNL3;GNL3;SNORD19B	0.0365152	0.0131094	0.161458	-6.19356	0.0246221	0.204681	-4.88565	0.343654	0.560918	-1.78279	0.0445471	0.254819	-3.92435	0.978294	1.01626	1.01626	0.257634	0.496508	-2.01407	0.0170565	0.178402	-5.60531	0.409037	0.606253	-1.64948	0.00655666	0.123319	-8.10908	3.80811	21.1867	4.94539	1
cg18595196	GNL3;GNL3;GNL3;SNORD69	0.0158514	0.0150479	0.198796	-5.03029	0.0543207	0.307124	-3.25601	0.237025	0.511836	-1.95375	0.734253	1.20227	1.20227	0.00367711	0.119684	-8.35531	0.356808	0.599078	-1.66923	0.00149477	0.0841421	-11.8847	0.837171	0.894714	-1.11768	0.114895	0.395802	-2.52652	5.08675	23.5464	4.11464	1
cg00845626	GNL3;GNL3;GNL3;SNORD69	0.0192569	0.229056	0.774487	-1.29118	0.148373	1.36872	1.36872	0.541989	0.882515	-1.13312	0.119092	1.40843	1.40843	0.0015388	0.3975	-2.51572	0.0462367	0.629801	-1.5878	0.157085	1.35849	1.35849	0.503092	0.871457	-1.1475	0.146486	0.729382	-1.37102	4.76536	3.09369	0.577069	1
cg18595011	GNL3;PBRM1;GNL3;GNL3	0.00360407	0.151913	1.29284	1.29284	0.00830144	1.75876	1.75876	0.172382	1.27509	1.27509	0.0641554	1.41631	1.41631	0.340932	0.848569	-1.17845	0.000715504	0.422349	-2.36771	0.0089737	0.573484	-1.74373	0.83353	1.03584	1.03584	0.115172	1.33189	1.33189	8.10239	3.59261	0.394135	1
cg11041457	GNL3;PBRM1;GNL3;GNL3	0.00387357	?	?	?	0.729949	0.895992	-1.11608	0.213081	1.51525	1.51525	?	?	?	0.00444787	0.300382	-3.3291	0.014569	2.59505	2.59505	0.00210648	0.253972	-3.93745	0.0432491	0.478592	-2.08946	0.234522	1.48429	1.48429	8.32105	10.2958	1.41407	1
cg16801826	GNL3L	0.00556441	0.564497	0.793323	-1.26052	0.00165866	0.167139	-5.98303	0.00419291	0.217716	-4.59315	0.0646124	0.438203	-2.28204	0.0005272	0.116876	-8.55611	0.759993	1.12952	1.12952	0.682571	1.17755	1.17755	0.454133	0.738542	-1.35402	0.149845	0.541356	-1.84721	7.10211	17.7712	2.22422	1
cg17662252	GNL3L	0.0132067	0.0401584	0.195765	-5.10817	0.0040037	0.0699492	-14.2961	0.0272886	0.165885	-6.02829	0.931473	1.06094	1.06094	0.0102341	0.10792	-9.26611	0.111958	0.30409	-3.2885	0.00432915	0.072599	-13.7743	0.450526	1.69686	1.69686	0.0445193	0.20458	-4.88807	5.40222	40.4722	6.65935	1
cg11938080	GNLY;GNLY	0.00125663	0.113188	0.897762	-1.11388	0.0413303	0.863097	-1.15862	0.0130817	0.82484	-1.21236	0.346727	1.06249	1.06249	0.721906	1.02261	1.02261	0.00194815	0.76024	-1.31537	0.000137104	1.51081	1.51081	0.364783	0.943404	-1.05999	0.0867549	0.888385	-1.12564	11.0256	0.683461	0.055101	1
cg21473183	GNLY;GNLY	0.0141973	0.129872	1.55731	1.55731	0.13979	1.53749	1.53749	0.718061	1.10314	1.10314	0.0914775	1.65391	1.65391	0.0149791	0.444951	-2.24744	0.374824	1.27968	1.27968	0.0054663	0.371858	-2.6892	0.0173504	2.19115	2.19115	0.520348	1.19292	1.19292	5.27555	6.12412	1.03187	1
cg11752275	GNLY;GNLY	0.0188425	0.00886163	0.291356	-3.43223	0.441889	0.748056	-1.3368	0.00969236	0.297764	-3.35836	0.0101612	0.301185	-3.32021	0.170927	0.582912	-1.71552	0.0040367	0.239408	-4.17696	0.451345	1.32853	1.32853	0.428369	0.741331	-1.34893	0.147262	0.562311	-1.77837	4.80055	10.4187	1.92918	1
cg25066857	GNLY;GNLY;GNLY;GNLY	0.0419426	0.270544	0.705632	-1.41717	0.0838078	0.559044	-1.78877	0.00137723	0.244069	-4.0972	0.193198	0.65804	-1.51966	0.190152	0.655928	-1.52456	0.0772837	0.550495	-1.81655	0.954052	1.01767	1.01767	0.081764	0.556423	-1.79719	0.0558991	0.517761	-1.93139	3.61916	5.29462	1.30039	1
cg23093754	GNMT	5.67E-05	0.771456	0.954761	-1.04738	2.96E-05	3.67106	3.67106	0.00443569	1.82846	1.82846	0.00165266	2.04581	2.04581	0.988228	0.997658	-1.00235	0.586202	1.0913	1.0913	0.000279006	0.388716	-2.57257	1.50E-05	4.1655	4.1655	0.0578667	1.40612	1.40612	25.7445	10.301	0.355668	1
cg21280719	GNMT	0.000170951	0.79655	0.906923	-1.10263	3.78E-06	59.2012	59.2012	0.00496712	4.08113	4.08113	0.00130573	5.87097	5.87097	0.0301423	2.62272	2.62272	0.0300518	2.62458	2.62458	0.0232302	2.78963	2.78963	0.000260134	9.69366	9.69366	0.180206	1.71285	1.71285	19.1685	43.4113	2.01309	1
cg24815792	GNMT	0.000427595	0.117923	0.536176	-1.86506	3.05E-05	19.9155	19.9155	0.00638866	3.67949	3.67949	0.00301461	4.44982	4.44982	0.457053	0.757264	-1.32054	0.107624	1.90523	1.90523	0.387816	0.722569	-1.38395	0.000503366	7.36485	7.36485	0.411388	0.734653	-1.36119	14.9229	31.8523	1.89729	1
cg16682276	GNMT	0.00103567	0.0116677	0.433646	-2.30603	0.00060471	4.06218	4.06218	0.020619	2.09404	2.09404	0.0222973	2.06684	2.06684	0.661029	0.889612	-1.12409	0.174647	1.4663	1.4663	0.00664836	0.393117	-2.54377	0.00101995	3.63718	3.63718	0.256501	0.730544	-1.36884	11.6501	12.9661	0.989297	1
cg25671484	GNMT	0.00159331	0.0198377	0.4981	-2.00763	0.00018503	4.78241	4.78241	0.0373757	1.81967	1.81967	0.0273594	1.90955	1.90955	0.0360918	1.82951	1.82951	0.00311173	2.72411	2.72411	0.00439587	2.5661	2.5661	0.0272751	1.91046	1.91046	0.946937	1.01663	1.01663	10.2989	10.0163	0.864498	1
cg10862848	GNMT	0.00323255	0.86562	0.948518	-1.05428	0.000217901	6.84927	6.84927	0.00919503	2.80676	2.80676	0.00537182	3.13917	3.13917	0.0999169	1.75525	1.75525	0.0607652	1.93418	1.93418	0.00752609	2.92499	2.92499	0.00305579	3.54671	3.54671	0.362335	1.33934	1.33934	8.37017	12.9098	1.37098	1
cg04706597	GNMT	0.00594981	0.228097	0.648738	-1.54145	0.0011927	5.07704	5.07704	0.00560547	3.46949	3.46949	0.0221714	2.55492	2.55492	0.194869	0.625612	-1.59843	0.201839	1.58564	1.58564	0.485782	0.784849	-1.27413	0.00868846	3.13911	3.13911	0.522652	0.801223	-1.24809	6.95717	12.8917	1.64712	1
cg19070139	GNMT	0.00624858	0.0346501	0.490853	-2.03727	0.000148961	6.57324	6.57324	0.815629	1.06981	1.06981	0.806647	0.931602	-1.07342	0.371585	0.767156	-1.30352	0.973174	1.00976	1.00976	0.529255	0.831808	-1.2022	0.414067	0.785655	-1.27282	0.234513	0.697645	-1.43339	6.85263	9.05994	1.17521	1
cg08200507	GNMT	0.0068539	0.196425	0.738825	-1.3535	0.0179342	0.528649	-1.89162	0.00060907	0.310212	-3.2236	0.435298	0.838287	-1.19291	0.00937065	0.481847	-2.07535	0.0686348	0.636566	-1.57093	0.205883	0.744	-1.34409	0.961668	1.01071	1.01071	0.00150484	0.362941	-2.75527	6.65874	5.17911	0.69137	1
cg05642143	GNMT	0.0123105	0.102155	0.665883	-1.50176	0.000586896	3.34528	3.34528	0.629749	1.11675	1.11675	0.0539593	0.608165	-1.64429	0.541565	0.868948	-1.15082	0.094773	1.518	1.518	0.430309	0.832775	-1.2008	0.74834	0.929441	-1.07592	0.300267	0.783483	-1.27635	5.52744	4.52354	0.727448	1
cg09436375	GNMT	0.0140463	?	?	?	0.00207067	3.36762	3.36762	0.144497	1.55091	1.55091	0.639448	1.14122	1.14122	0.812767	1.06869	1.06869	0.258467	1.39111	1.39111	0.00598799	0.365775	-2.73392	0.133186	1.57388	1.57388	0.455198	1.23733	1.23733	5.39558	5.95393	1.10348	1
cg22017132	GNMT	0.0144714	0.014825	0.443842	-2.25305	0.671273	1.12263	1.12263	0.0251916	0.4861	-2.05719	0.373888	1.2806	1.2806	0.000959952	0.263775	-3.79111	0.988786	0.996199	-1.00382	0.182816	0.681779	-1.46675	0.702056	1.10977	1.10977	0.0456618	0.53746	-1.8606	5.24242	6.09623	1.03366	1
cg27588902	GNMT	0.0201011	0.130119	0.630539	-1.58595	0.00303183	3.1454	3.1454	0.0959587	1.67487	1.67487	0.641362	1.14148	1.14148	0.576827	1.17236	1.17236	0.280365	1.37235	1.37235	0.0291195	0.484162	-2.06542	0.0292328	2.06401	2.06401	0.664608	0.884221	-1.13094	4.69651	5.91846	1.12016	1
cg23696834	GNMT	0.0230564	0.145886	0.591759	-1.68988	0.00223704	4.21427	4.21427	0.977637	0.990625	-1.00946	0.34276	0.72003	-1.38883	0.60103	0.837525	-1.19399	0.181982	1.60972	1.60972	0.0143594	0.362678	-2.75727	0.33108	0.713906	-1.40074	0.685835	0.872267	-1.14644	4.48107	8.01445	1.58979	1
cg10056627	GNMT	0.023227	0.552248	0.829025	-1.20624	0.00440002	3.27274	3.27274	0.498236	1.23911	1.23911	0.816146	0.929951	-1.07533	0.332403	0.732128	-1.36588	0.178403	1.5618	1.5618	0.0195599	0.414875	-2.41036	0.0435132	0.484885	-2.06234	0.157589	1.60192	1.60192	4.4697	6.88305	1.36883	1
cg26549425	GNMT	0.0253938	0.391735	0.85633	-1.16777	0.674117	0.927972	-1.07762	0.145377	0.758542	-1.31832	0.186925	0.780938	-1.28051	0.00176461	0.45504	-2.19761	0.673511	0.927833	-1.07778	0.0119397	0.574379	-1.74101	0.649476	0.922309	-1.08424	0.00697785	0.539663	-1.85301	4.33359	2.14425	0.43982	1
cg16590910	GNMT	0.0272056	0.384233	0.689335	-1.45067	0.00142152	6.855	6.855	0.696804	0.849356	-1.17736	0.684648	0.843444	-1.18561	0.99239	0.996031	-1.00398	0.105601	2.09007	2.09007	0.0535722	0.400865	-2.4946	0.21051	0.576835	-1.7336	0.623129	1.22942	1.22942	4.23039	11.65	2.44789	1
cg26578923	GNMT	0.0294733	0.0564854	0.331375	-3.01773	0.00137552	10.7405	10.7405	0.639068	0.785351	-1.27332	0.162358	0.466263	-2.14471	0.428746	0.661515	-1.51168	0.222952	1.92522	1.92522	0.634485	0.782718	-1.2776	0.754442	0.851721	-1.17409	0.883267	0.927603	-1.07805	4.11259	17.0416	3.68334	1
cg04013093	GNMT	0.0300356	0.0215916	0.249001	-4.01605	0.00727325	5.72335	5.72335	0.206734	0.511185	-1.95624	0.51188	0.715176	-1.39826	0.437096	0.670677	-1.49103	0.811753	1.12775	1.12775	0.0113112	0.202222	-4.94506	0.528703	0.724973	-1.37936	0.730425	0.84005	-1.19041	4.08511	16.4286	3.57475	1
cg11409096	GNMT	0.0388247	0.0659653	0.54084	-1.84898	0.00292455	3.38059	3.38059	0.435713	0.789038	-1.26737	0.166604	0.644411	-1.55181	0.326608	0.739518	-1.35223	0.348693	1.33303	1.33303	0.268192	0.70919	-1.41006	0.239333	0.692714	-1.4436	0.783434	1.08555	1.08555	3.72373	5.23563	1.24979	1
cg24751129	GNMT	0.0392538	0.0601559	0.446912	-2.23758	0.00958358	3.47626	3.47626	0.0446852	2.40016	2.40016	0.0552589	2.28288	2.28288	0.0681203	2.17277	2.17277	0.412019	1.37523	1.37523	0.0911995	2.02727	2.02727	0.649288	0.840369	-1.18995	0.325022	1.47117	1.47117	3.70874	8.47588	2.03145	1
cg24153763	GNMT	0.0409186	0.171944	0.618569	-1.61664	0.00228341	4.09246	4.09246	0.212513	1.54305	1.54305	0.52365	1.23801	1.23801	0.908663	0.962797	-1.03864	0.224028	1.52495	1.52495	0.173675	0.619917	-1.61312	0.117141	1.75465	1.75465	0.526494	0.808962	-1.23615	3.65242	6.31257	1.53629	1
cg19051105	GNMT	0.0476106	0.769736	0.862225	-1.15979	0.00117754	11.0653	11.0653	0.774194	0.864787	-1.15635	0.444919	0.674832	-1.48185	0.28938	0.573846	-1.74263	0.243775	1.85134	1.85134	0.664304	0.802102	-1.24672	0.636682	0.7864	-1.27162	0.839955	0.902921	-1.10752	3.45157	13.9426	3.59065	1
cg07240043	GNPAT	9.63E-05	0.250232	1.08563	1.08563	0.047805	0.856641	-1.16735	0.000112717	0.628839	-1.59023	0.0490656	0.857588	-1.16606	0.000285232	0.666866	-1.49955	0.190137	1.09953	1.09953	8.87E-05	1.61603	1.61603	0.135709	0.895881	-1.11622	0.000248322	0.661283	-1.51221	22.3619	1.65594	0.0658239	1
cg27516940	GNPAT;C1orf131	4.32E-05	0.00938816	1.39375	1.39375	0.253373	1.12778	1.12778	0.178068	0.865667	-1.15518	0.0908128	1.2066	1.2066	0.00232058	1.53545	1.53545	0.179829	1.15442	1.15442	8.74E-07	0.267642	-3.73633	0.619432	1.05177	1.05177	0.183923	0.867536	-1.15269	27.6623	4.45191	0.143056	1
cg14967306	GNPAT;C1orf131	0.000672112	0.0435533	0.734206	-1.36202	0.000278091	2.2074	2.2074	0.00175877	1.81008	1.81008	0.0119801	0.658802	-1.51791	0.00129042	0.535611	-1.86703	0.16794	1.21609	1.21609	0.858997	0.976604	-1.02396	0.0417174	0.731596	-1.36687	0.832314	0.972167	-1.02863	13.1599	3.69403	0.249514	1
cg02014416	GNPAT;C1orf131	0.0116715	0.00913199	0.468934	-2.1325	0.0521542	0.603433	-1.65719	0.12736	0.685906	-1.45793	0.1768	1.38864	1.38864	0.0155995	0.507596	-1.97007	0.530208	0.86467	-1.15651	0.00449241	0.420535	-2.37792	0.00403707	0.413497	-2.41839	0.0932485	0.655585	-1.52536	5.62386	4.65777	0.736191	1
cg09825418	GNPAT;C1orf131	0.0366466	0.980455	1.00214	1.00214	0.00543064	1.3754	1.3754	0.00960735	1.3306	1.3306	0.631174	1.04304	1.04304	0.06941	1.19359	1.19359	0.125815	0.865607	-1.15526	0.239338	1.11333	1.11333	0.185081	1.13027	1.13027	0.175637	1.13368	1.13368	3.80314	0.457237	0.106868	1
cg07296147	GNPDA1	0.00509278	0.000993058	0.265341	-3.76873	0.606964	1.15112	1.15112	0.0929826	1.65082	1.65082	0.538516	0.84459	-1.18401	0.0207007	0.469763	-2.12873	0.00511398	0.366657	-2.72734	0.0727861	1.72093	1.72093	0.279134	0.736984	-1.35688	0.0175897	0.456808	-2.1891	7.2975	8.50214	1.03562	1
cg01609099	GNPDA1	0.0110596	0.0133012	0.388682	-2.57279	0.208508	0.664655	-1.50454	0.28859	0.712192	-1.40412	0.281194	0.708173	-1.41208	0.00351405	0.295363	-3.38566	0.152039	0.623287	-1.6044	0.000958576	0.219687	-4.55194	0.184343	1.54315	1.54315	0.26641	0.699945	-1.42868	5.72254	8.6025	1.33624	1
cg05515516	GNPDA1	0.0472416	0.0605838	0.786047	-1.27219	0.0909987	1.23594	1.23594	0.231535	1.15348	1.15348	0.076711	0.799309	-1.25108	0.106331	0.818191	-1.22221	0.0411855	0.764898	-1.30736	0.243196	0.870272	-1.14907	0.066458	0.791214	-1.26388	0.253629	1.14528	1.14528	3.46172	0.709793	0.182258	1
cg17554814	GNPDA2	0.000912465	0.136687	0.84146	-1.18841	0.00266141	1.5642	1.5642	0.00104266	0.592995	-1.68635	0.0237913	1.33706	1.33706	0.000309586	1.87799	1.87799	0.907236	0.987528	-1.01263	0.502988	1.07593	1.07593	0.919494	1.01094	1.01094	0.00646632	1.46403	1.46403	12.0757	2.21689	0.163185	1
cg25512518	GNPDA2	0.0014048	0.596537	1.12821	1.12821	0.663766	0.905961	-1.1038	0.10549	1.4908	1.4908	0.286511	0.778881	-1.28389	0.00956191	0.476683	-2.09783	0.017753	0.521575	-1.91727	0.00101574	0.332709	-3.00563	8.11E-05	0.200871	-4.97833	0.938295	0.982671	-1.01763	10.679	8.62214	0.717681	1
cg11547273	GNPDA2	0.00158621	0.0014261	0.480501	-2.08116	0.737384	1.05491	1.05491	0.434148	0.880935	-1.13516	0.29963	1.1862	1.1862	0.00798518	0.582689	-1.71618	0.0464618	0.696088	-1.4366	9.15E-05	0.329485	-3.03504	0.00587925	0.564056	-1.77287	0.0580348	0.711529	-1.40542	10.3122	4.12117	0.355237	1
cg05747376	GNPDA2	0.0486532	0.00688274	0.484085	-2.06575	0.00327349	0.435556	-2.29592	0.826646	1.04653	1.04653	0.781545	0.943988	-1.05934	0.689433	0.920081	-1.08686	0.641548	0.907361	-1.1021	0.176804	0.742523	-1.34676	0.126633	0.70991	-1.40863	0.874998	0.967884	-1.03318	3.42342	2.33117	0.605287	1
cg17417600	GNPNAT1	0.000152657	0.557128	1.12119	1.12119	0.223239	0.781501	-1.27959	0.00032349	3.0657	3.0657	0.70292	0.928839	-1.07661	0.0611821	0.666028	-1.50144	0.0575618	1.51245	1.51245	6.06E-06	0.141838	-7.05029	0.033095	0.618789	-1.61606	0.663909	0.919224	-1.08787	19.7632	11.6165	0.522477	1
cg20395072	GNPNAT1	0.00075256	0.347333	1.20848	1.20848	0.49447	0.873045	-1.14542	8.28E-06	6.70698	6.70698	0.548831	1.12604	1.12604	0.18264	0.758237	-1.31885	0.675577	1.08585	1.08585	0.905622	0.977057	-1.02348	0.963968	1.00888	1.00888	0.0292583	1.65304	1.65304	12.7493	7.73252	0.539115	1
cg18214930	GNPNAT1	0.00247313	0.000351893	0.584601	-1.71057	0.000368839	0.586817	-1.70411	0.0177633	0.763782	-1.30927	0.724107	0.967411	-1.03369	0.0122657	0.747041	-1.33862	0.542954	0.944058	-1.05926	0.0211518	0.771711	-1.29582	0.139123	0.861722	-1.16047	0.00516863	0.708112	-1.41221	9.0608	1.25418	0.123038	1
cg12227762	GNPNAT1	0.00380938	0.399633	1.26998	1.26998	0.761082	1.08821	1.08821	0.536077	0.840567	-1.18967	0.422561	1.25491	1.25491	0.47509	0.817648	-1.22302	4.99E-05	0.121254	-8.24712	0.227879	1.42027	1.42027	0.500569	0.827359	-1.20867	0.672236	1.1252	1.1252	7.96876	9.69669	1.08163	1
cg04150276	GNPNAT1	0.00601248	0.0110164	0.196864	-5.07966	0.000319805	0.0513747	-19.4648	0.0250815	0.25716	-3.88863	0.97759	1.01442	1.01442	0.0458046	0.311372	-3.21159	0.161626	0.466872	-2.14192	0.0114429	0.199352	-5.01625	0.00666971	0.166327	-6.01224	0.0726238	0.360332	-2.77522	6.93471	28.5244	3.65625	1
cg02867991	GNPNAT1	0.00996338	0.483404	0.887298	-1.12702	0.00342871	0.513017	-1.94925	0.00146207	0.462348	-2.16287	0.249483	0.817046	-1.22392	0.524112	1.11447	1.11447	0.678138	0.932335	-1.07258	0.018591	1.61456	1.61456	0.18392	0.789265	-1.267	0.599637	0.914917	-1.093	5.91756	2.64142	0.396773	1
cg05225684	GNPNAT1	0.0445096	0.018932	0.19626	-5.09528	0.0126661	0.169414	-5.9027	0.837489	0.888993	-1.12487	0.770244	1.18268	1.18268	0.0635749	0.302695	-3.30366	0.760214	0.839136	-1.1917	0.027931	0.225788	-4.42893	0.0163429	0.186033	-5.37538	0.153252	0.416366	-2.40174	3.54001	18.4036	4.62112	1
cg14117643	GNPNAT1;GNPNAT1	0.0267763	0.728692	1.0958	1.0958	0.109063	1.58264	1.58264	0.518825	1.18748	1.18748	0.48028	0.828194	-1.20745	0.183449	0.69019	-1.44888	0.00396692	0.361403	-2.76699	0.0250077	2.01494	2.01494	0.301945	1.3244	1.3244	0.0981137	1.6107	1.6107	4.25405	4.65032	0.971689	1
cg24032890	GNPTAB	0.0161415	0.610918	1.12594	1.12594	0.00340033	0.398326	-2.51051	0.00638078	0.440163	-2.27189	0.709318	1.09043	1.09043	0.324339	0.790326	-1.2653	0.0233144	1.87139	1.87139	0.356728	1.24501	1.24501	0.438864	1.20026	1.20026	0.44939	0.83677	-1.19507	5.05616	4.27997	0.752433	1
cg01687189	GNPTAB	0.0413842	0.0666945	0.351225	-2.84718	0.105149	2.4623	2.4623	0.0171832	4.38272	4.38272	0.500194	0.705909	-1.41661	0.0243587	0.25525	-3.91773	0.16755	0.473002	-2.11415	0.152045	0.457992	-2.18345	0.403665	0.647334	-1.5448	0.461338	0.682733	-1.4647	3.63717	14.9193	3.64612	1
cg06554542	GNPTAB	0.0458394	0.387566	0.886007	-1.12866	0.898261	1.01764	1.01764	0.434192	0.896684	-1.11522	0.00869666	1.57926	1.57926	0.0880976	1.29332	1.29332	0.569061	1.08183	1.08183	0.455647	1.10942	1.10942	0.131156	1.24949	1.24949	0.00625505	1.62729	1.62729	3.50118	1.03562	0.262926	1
cg09956047	GNPTG	0.000468936	0.0677399	0.647698	-1.54393	0.0182951	0.54453	-1.83645	0.000158347	0.253827	-3.93969	0.0911259	0.673702	-1.48434	0.0159638	0.534603	-1.87055	2.55E-05	0.169856	-5.88734	0.00273042	0.415581	-2.40627	0.893511	0.971973	-1.02883	0.00223796	0.403132	-2.48058	14.5468	10.3791	0.634215	1
cg06093201	GNPTG	0.00143707	0.0266124	0.431134	-2.31946	0.148315	0.608682	-1.64289	0.000188301	0.133076	-7.51448	0.34909	0.734451	-1.36156	0.000537846	0.178376	-5.60613	0.163826	0.621436	-1.60918	0.000371848	0.161481	-6.19268	0.735902	1.11448	1.11448	0.238247	0.673327	-1.48516	10.6096	17.2257	1.4432	1
cg03445653	GNPTG	0.00864067	0.6518	0.80911	-1.23593	0.347666	0.637067	-1.56969	0.0892885	0.417418	-2.39568	0.798482	0.887545	-1.1267	0.00228184	0.136794	-7.31029	0.0110984	0.226546	-4.41411	0.00165725	0.122592	-8.15715	0.748837	0.860891	-1.16159	0.00372905	0.160986	-6.21172	6.1918	21.3216	3.06092	1
cg02632227	GNPTG	0.0196444	0.703533	0.872599	-1.146	0.00456303	0.260197	-3.84324	0.00202192	0.211823	-4.72093	0.464159	0.766779	-1.30416	0.304889	0.684753	-1.46038	0.00601292	0.278206	-3.59446	0.313086	0.689426	-1.45048	0.744819	0.890114	-1.12345	0.116454	0.544439	-1.83675	4.7333	9.52358	1.78848	1
cg13995117	GNPTG;C16orf42	0.00511914	0.0285176	0.575158	-1.73865	0.0860071	0.666297	-1.50083	0.5827	1.1261	1.1261	?	?	?	0.0223748	0.556732	-1.7962	0.000636987	0.32544	-3.07277	0.0640034	0.640503	-1.56127	0.0301425	1.72582	1.72582	0.446549	1.18063	1.18063	7.44186	4.79857	0.644808	1
cg08473533	GNPTG;C16orf42	0.00874693	0.29633	1.1156	1.1156	0.504836	1.07075	1.07075	0.00572823	1.44185	1.44185	0.00374156	0.673368	-1.48507	0.136945	1.17568	1.17568	0.498856	0.932995	-1.07182	0.194243	0.870456	-1.14882	0.00567226	1.44282	1.44282	0.65313	1.04676	1.04676	6.16789	0.99692	0.143672	1
cg07957690	GNPTG;C16orf42	0.0260635	0.209934	0.678729	-1.47334	0.00187573	0.274367	-3.64476	0.0245283	0.455804	-2.19392	0.616179	0.86223	-1.15978	0.489602	0.813948	-1.22858	0.13633	0.624543	-1.60117	0.00828449	0.371542	-2.69148	0.0324229	0.479739	-2.08447	0.794993	0.926472	-1.07936	4.29441	5.85075	1.21103	1
cg17647884	GNRH1;GNRH1	0.00274627	0.0972622	0.750288	-1.33282	0.000121578	0.346654	-2.88472	0.290891	0.841113	-1.1889	0.0311854	1.49062	1.49062	0.384071	0.868579	-1.15131	0.433818	1.13438	1.13438	0.139021	1.28581	1.28581	0.00887866	0.59113	-1.69168	0.223128	0.817026	-1.22395	8.78517	3.46768	0.350862	1
cg26996885	GNRH1;GNRH1;GNRH1	0.0277972	0.013497	0.212684	-4.70181	0.986611	0.991542	-1.00853	0.335604	0.604938	-1.65306	0.973423	0.983277	-1.01701	0.0136927	0.213682	-4.67984	0.889138	0.931832	-1.07316	0.00912808	0.187024	-5.34691	0.777985	0.866678	-1.15383	0.0060127	0.162504	-6.15371	4.19851	17.0393	3.60749	1
cg07549715	GNRH2;GNRH2;GNRH2	0.000149053	0.127969	1.34025	1.34025	0.0250953	1.6067	1.6067	0.00160082	0.446793	-2.23817	0.0566208	1.46817	1.46817	8.41E-05	0.284029	-3.52077	0.116988	0.738559	-1.35399	8.29E-05	0.283312	-3.52968	0.00220027	2.1467	2.1467	0.286146	0.821085	-1.2179	19.8909	9.97714	0.445862	1
cg04267184	GNRH2;GNRH2;GNRH2	0.000369764	8.43E-05	1.89798	1.89798	4.21E-05	2.04165	2.04165	0.000864664	1.5508	1.5508	0.109488	1.15608	1.15608	0.32414	1.08754	1.08754	0.00243003	1.44121	1.44121	0.00119526	1.51421	1.51421	0.00171771	1.47575	1.47575	0.00413125	1.39217	1.39217	19.5096	2.03421	0.0810967	1
cg08436467	GNRH2;GNRH2;GNRH2	0.00478064	0.598851	1.12556	1.12556	0.150131	1.41021	1.41021	0.0792947	0.647875	-1.54351	0.338998	0.802842	-1.24557	0.000476445	0.294602	-3.39441	0.00889621	0.476296	-2.09954	0.00171018	0.368707	-2.71218	0.60696	0.890816	-1.12257	0.165722	0.719366	-1.39011	7.43966	5.84988	0.698943	1
cg19745373	GNRH2;GNRH2;GNRH2	0.0053421	0.810034	1.05976	1.05976	0.0874804	1.57567	1.57567	0.389645	1.23673	1.23673	0.913044	1.02668	1.02668	0.000362705	0.252153	-3.96585	0.229414	1.35522	1.35522	0.00534034	0.412927	-2.42174	0.183864	1.40467	1.40467	0.183752	0.711843	-1.4048	7.19153	6.61636	0.817796	1
cg22713444	GNRHR2	0.0395331	0.0342605	0.310259	-3.22311	0.92369	0.955619	-1.04644	0.378414	0.65168	-1.5345	0.604703	0.780801	-1.28074	0.00310016	0.146983	-6.80351	0.112779	0.441347	-2.26579	0.0163466	0.248866	-4.01823	0.562075	1.32016	1.32016	0.0898525	0.412336	-2.42521	3.69908	13.1531	3.16068	1
cg15395193	GNRHR2;PEX11B	0.000743045	0.225503	1.4756	1.4756	0.0102466	2.77074	2.77074	0.75742	0.910254	-1.09859	5.43E-05	0.0789968	-12.6587	0.0300624	2.2127	2.2127	0.0965112	1.75359	1.75359	?	?	?	0.113434	1.698	1.698	0.00889017	2.85789	2.85789	16.0633	20.3729	1.10976	1
cg07600211	GNRHR2;PEX11B	0.00996599	0.0431658	1.41914	1.41914	0.086142	1.33019	1.33019	0.00553217	1.73082	1.73082	0.0832504	1.33448	1.33448	0.270113	0.841314	-1.18862	0.69117	0.941684	-1.06193	0.0055965	0.578441	-1.72879	0.261749	1.19255	1.19255	0.0268164	1.48391	1.48391	5.91706	2.12187	0.318757	1
cg04882847	GNRHR2;PEX11B	0.0308911	0.739981	1.04477	1.04477	0.00882037	1.55028	1.55028	0.00569314	1.61096	1.61096	0.590394	1.07406	1.07406	0.0399072	1.36656	1.36656	0.349761	0.881122	-1.13492	0.253198	0.854778	-1.16989	0.959548	0.993353	-1.00669	0.0883284	1.28051	1.28051	4.0445	1.10747	0.243397	1
cg11962587	GNRHR2;PEX11B	0.0340168	0.0255532	0.656294	-1.52371	0.934562	0.98705	-1.01312	0.456825	0.886667	-1.12782	0.0255805	0.656363	-1.52355	0.00194355	0.498681	-2.00529	0.387363	1.15101	1.15101	0.453922	0.885952	-1.12873	0.120932	0.765707	-1.30598	0.85249	0.970886	-1.02999	3.90714	1.55918	0.354719	1
cg27219973	GNRHR;GNRHR	0.00331017	0.0627805	0.507633	-1.96993	0.724918	0.891889	-1.12122	0.266834	1.45446	1.45446	0.243277	0.673415	-1.48497	0.000286124	0.146908	-6.80698	0.0133436	0.370596	-2.69836	0.0118984	0.361828	-2.76374	0.0175562	2.54941	2.54941	0.0877923	0.543245	-1.84079	8.31115	13.8041	1.47636	1
cg18003698	GNRHR;GNRHR	0.00861133	0.108927	0.811312	-1.23257	0.380159	0.897921	-1.11368	0.363129	0.894233	-1.11828	0.0304781	0.737752	-1.35547	0.459976	0.913951	-1.09415	0.488903	1.08772	1.08772	0.000301291	2.0197	2.0197	0.556354	1.07376	1.07376	0.938552	0.990821	-1.00926	6.19846	1.40437	0.201393	1
cg11553919	GNRHR;GNRHR	0.0236143	0.127239	0.600387	-1.66559	0.102509	0.575401	-1.73792	0.0357081	0.4695	-2.12993	0.651707	0.86887	-1.15092	0.0458551	0.492626	-2.02994	0.139696	0.611636	-1.63496	0.20395	0.660513	-1.51397	0.00366102	3.37243	3.37243	0.946945	0.979625	-1.0208	4.44424	6.7352	1.3471	1
cg27533396	GNS	7.20E-06	0.00151945	1.60679	1.60679	2.48E-06	0.305697	-3.27122	2.83E-05	0.425271	-2.35144	0.0312955	0.769213	-1.30003	0.0588141	0.801191	-1.24814	0.000171658	1.94078	1.94078	6.51E-05	2.14188	2.14188	0.00738166	1.43124	1.43124	0.693137	1.04205	1.04205	44.1757	7.54671	0.151852	1
cg00626466	GNS	0.000981364	0.0132318	2.66463	2.66463	0.000519641	0.177723	-5.62674	0.00447914	0.2983	-3.35233	0.0342892	2.19939	2.19939	0.0489899	0.488015	-2.04912	0.0166795	2.54155	2.54155	0.0080507	2.95492	2.95492	0.0569489	1.98888	1.98888	0.293235	0.7061	-1.41623	11.8294	19.0854	1.43412	1
cg02083989	GNS	0.0180417	0.000784768	0.24195	-4.13309	0.836493	0.94388	-1.05946	0.420552	0.794545	-1.25858	0.214771	0.694205	-1.4405	0.53014	0.837157	-1.19452	0.616307	0.868315	-1.15166	0.00218696	0.300906	-3.3233	0.468546	0.813736	-1.2289	0.582823	0.856385	-1.1677	4.87133	6.02638	1.09965	1
cg15058852	GNS	0.0200479	0.793123	0.956585	-1.04539	0.6206	1.08792	1.08792	0.518095	0.895252	-1.117	0.642796	0.924156	-1.08207	0.00284348	0.499698	-2.00121	0.0583566	0.696813	-1.4351	0.0590825	1.43324	1.43324	0.0147122	1.66042	1.66042	0.770917	0.95189	-1.05054	4.70074	2.12322	0.401492	1
cg27476482	GNS	0.0213775	0.0524306	0.323036	-3.09563	0.200797	0.500447	-1.99821	0.0676324	0.350324	-2.8545	0.842593	0.903154	-1.10723	0.000817702	0.0754342	-13.2566	0.0205247	0.23933	-4.17834	0.74598	0.846598	-1.1812	0.664832	1.25023	1.25023	0.0764192	0.364268	-2.74523	4.59894	19.1185	3.69524	1
cg15956273	GNS	0.0387067	0.336384	1.24228	1.24228	0.640686	1.10836	1.10836	0.675676	0.912021	-1.09647	0.0668554	0.637837	-1.5678	0.0153652	0.521468	-1.91766	0.348385	0.809527	-1.23529	0.00562572	0.451364	-2.2155	0.145094	1.40845	1.40845	0.37818	0.820453	-1.21884	3.72789	2.82837	0.674405	1
cg08543400	GNS	0.0425325	0.153002	0.821282	-1.21761	0.915848	1.01369	1.01369	0.483374	1.09597	1.09597	0.69732	1.05157	1.05157	0.080404	1.28339	1.28339	0.847049	0.975462	-1.02516	0.27376	0.863704	-1.1578	0.681766	1.05448	1.05448	0.00156589	1.7942	1.7942	3.60045	0.943841	0.233018	1
cg14168316	GOLGA1	0.0136508	0.0121211	0.246358	-4.05913	0.00565158	0.196553	-5.08769	0.0199127	0.283962	-3.5216	0.0612209	0.388701	-2.57267	0.342678	0.64535	-1.54955	0.0328719	0.326905	-3.059	0.00336741	0.1675	-5.97016	0.00653601	0.205368	-4.86931	0.170655	0.520152	-1.92251	5.34402	16.9866	2.82543	1
cg05411944	GOLGA2L1;GOLGA2L1	0.000380722	0.450126	1.20224	1.20224	0.00258802	0.368109	-2.71659	1.52E-05	0.117141	-8.53669	0.0868617	1.5724	1.5724	0.00139463	0.330092	-3.02946	0.0175712	0.500787	-1.99686	0.145114	1.45428	1.45428	0.284572	0.766392	-1.30482	0.294086	0.770685	-1.29755	15.4085	13.9805	0.806512	1
cg06860288	GOLGA3	0.000130332	6.01E-05	2.21113	2.21113	0.963445	0.995108	-1.00492	0.131925	0.840288	-1.19007	0.258558	1.13445	1.13445	0.118355	0.834069	-1.19894	?	?	?	1.25E-05	2.67547	2.67547	0.281597	1.12721	1.12721	0.0413429	0.77739	-1.28635	21.1457	3.409	0.161215	1
cg19968041	GOLGA3	0.000151538	0.310174	0.880963	-1.13512	2.05E-05	0.354083	-2.8242	0.0257989	0.726524	-1.37642	0.418241	0.90499	-1.10498	0.000800063	0.542851	-1.84213	0.0762427	1.2688	1.2688	1.82E-05	0.348014	-2.87345	0.392503	0.899673	-1.11151	0.390819	0.899318	-1.11195	19.8024	4.56824	0.205059	1
cg09904296	GOLGA3	0.000171474	0.000340743	0.151016	-6.6218	0.000105998	0.10623	-9.41356	0.0798732	0.529027	-1.89026	0.000698648	0.183795	-5.44083	0.0001775	0.12474	-8.01667	0.00112037	0.207646	-4.8159	0.08462	1.86801	1.86801	0.00124398	0.213185	-4.69076	0.000400781	0.158066	-6.32647	19.1526	32.5574	1.51101	1
cg07433499	GOLGA3	0.000383741	2.23E-05	3.22298	3.22298	0.162324	1.22782	1.22782	0.220659	1.19381	1.19381	0.70301	0.948664	-1.05411	0.0491927	1.36191	1.36191	0.43316	1.11632	1.11632	0.562656	0.922633	-1.08385	0.00103683	1.95104	1.95104	0.000116108	2.53292	2.53292	15.375	4.60898	0.266463	1
cg14493571	GOLGA3	0.000407012	3.85E-05	4.44938	4.44938	0.00377481	2.09483	2.09483	0.012158	1.80631	1.80631	0.115245	1.38264	1.38264	0.00285966	2.17378	2.17378	0.00114362	2.47141	2.47141	0.694993	0.928158	-1.0774	0.00429033	2.05994	2.05994	0.000193931	3.27609	3.27609	15.1275	8.57614	0.503932	1
cg20765580	GOLGA3	0.000435426	0.00856374	0.637042	-1.56976	0.826835	0.970973	-1.02989	0.0193449	0.683674	-1.46268	0.208071	1.19537	1.19537	2.09E-05	0.315517	-3.1694	0.000266941	0.447302	-2.23563	0.394793	1.12432	1.12432	0.5487	1.08501	1.08501	0.076	0.766842	-1.30405	14.8483	4.25085	0.254476	1
cg10158717	GOLGA3	0.000520666	0.00164688	0.241646	-4.13828	0.00192933	0.25074	-3.98819	0.949906	0.980391	-1.02	0.00482407	0.307719	-3.24972	0.00105475	0.21717	-4.60469	0.259451	0.690175	-1.44891	2.55E-05	0.071938	-13.9009	0.980878	0.992474	-1.00758	0.0101361	0.359765	-2.77959	14.1308	22.2349	1.39867	1
cg22844555	GOLGA3	0.000598264	0.00135556	0.601946	-1.66128	0.0942249	0.818131	-1.2223	0.0024754	0.63189	-1.58255	0.0348453	0.764651	-1.30779	1.76E-05	0.383419	-2.60811	0.526321	0.932348	-1.07256	0.242854	1.14264	1.14264	0.538679	1.07028	1.07028	0.0808674	0.809614	-1.23516	13.5949	2.56301	0.16758	1
cg01390543	GOLGA3	0.000693076	0.180428	1.14695	1.14695	0.00272172	0.670978	-1.49036	0.012459	0.741007	-1.34951	0.0690169	0.821898	-1.2167	0.479385	1.07177	1.07177	0.0458102	0.801962	-1.24694	4.62E-05	2.09918	2.09918	0.891519	1.01324	1.01324	0.198084	0.877105	-1.14011	13.0472	1.92021	0.130821	1
cg10016972	GOLGA3	0.000719744	0.844316	1.02749	1.02749	0.021516	0.683291	-1.4635	0.0010966	0.514767	-1.94263	0.290244	1.16344	1.16344	0.0117802	1.54319	1.54319	0.0410752	0.722453	-1.38417	4.08E-05	0.339744	-2.94339	0.734867	0.954201	-1.048	0.188449	0.825146	-1.21191	12.9099	3.88936	0.267796	1
cg22798873	GOLGA3	0.00089268	0.0277823	0.604402	-1.65453	0.0325847	0.616163	-1.62295	0.219929	0.779017	-1.28367	0.255781	0.794792	-1.25819	1.47E-05	0.17508	-5.71167	0.00914293	0.526774	-1.89835	0.068415	1.48435	1.48435	0.187927	0.763271	-1.31015	0.183608	0.760995	-1.31407	12.1507	7.21298	0.527668	1
cg23755933	GOLGA3	0.00115444	0.655143	0.911733	-1.09681	0.148547	1.3751	1.3751	0.0197805	0.56073	-1.78339	0.000635699	0.340082	-2.94047	0.00367101	0.446005	-2.24213	0.000705678	0.346043	-2.88981	0.0571616	1.55636	1.55636	0.060911	1.54378	1.54378	0.0154576	0.542959	-1.84176	11.2958	7.55946	0.594868	1
cg03619081	GOLGA3	0.00128873	3.12E-05	0.219591	-4.55393	0.236246	0.793222	-1.26068	0.273173	0.808271	-1.23721	0.039997	0.642075	-1.55745	0.424873	0.858895	-1.16429	0.0785619	0.694415	-1.44006	0.000553517	0.367692	-2.71967	0.226089	0.788791	-1.26776	0.0116125	0.554953	-1.80195	10.9463	6.03976	0.490455	1
cg05836979	GOLGA3	0.00134217	0.654974	1.06635	1.06635	0.419847	1.12493	1.12493	0.00469668	0.584699	-1.71028	0.297789	1.16667	1.16667	5.14E-05	0.338734	-2.95216	0.706089	1.0556	1.0556	0.451195	0.896156	-1.11588	0.607947	0.928761	-1.0767	0.00201095	0.536612	-1.86355	10.8197	3.49559	0.287179	1
cg22254580	GOLGA3	0.00135467	0.0014659	0.262252	-3.81313	0.483578	0.81264	-1.23056	0.391091	1.29184	1.29184	0.439603	0.794779	-1.25821	0.000399438	0.19366	-5.16369	0.133313	0.623826	-1.60301	0.000164316	0.153767	-6.50336	0.647821	0.874575	-1.14341	0.00682111	0.360122	-2.77683	10.791	14.5121	1.19541	1
cg05237360	GOLGA3	0.00136192	0.700159	1.05409	1.05409	0.000191561	2.35223	2.35223	0.156648	1.22906	1.22906	0.0147038	1.50502	1.50502	0.0144704	0.663519	-1.50712	0.691735	0.947192	-1.05575	0.000470037	2.11322	2.11322	0.279339	1.16545	1.16545	0.439692	0.898271	-1.11325	10.7744	3.16238	0.260895	1
cg10192079	GOLGA3	0.00137609	0.262725	0.874106	-1.14403	6.48E-05	0.429331	-2.3292	0.060477	0.783544	-1.27625	0.0650492	1.2696	1.2696	0.0117434	0.695791	-1.43721	0.00216821	0.60904	-1.64193	0.0209827	0.726148	-1.37713	0.442521	1.09442	1.09442	0.432631	0.911854	-1.09667	10.7425	2.25907	0.186926	1
cg19590591	GOLGA3	0.00156307	0.0363307	0.596381	-1.67678	0.000848643	0.344649	-2.9015	0.00316056	0.424589	-2.35522	0.000706061	0.334065	-2.99343	0.00293623	0.419911	-2.38146	0.350443	0.815352	-1.22646	0.930154	1.01879	1.01879	0.190791	1.34211	1.34211	0.00208866	0.398588	-2.50886	10.356	7.39953	0.635128	1
cg12915406	GOLGA3	0.00173866	0.0746826	0.711504	-1.40547	0.187906	0.787241	-1.27026	0.156412	0.771132	-1.2968	0.35845	0.850539	-1.17573	0.903128	0.979343	-1.02109	0.0137272	1.686	1.686	7.19E-05	3.4545	3.4545	0.0157448	1.66082	1.66082	0.917397	1.01794	1.01794	10.0422	4.67419	0.413738	1
cg00915244	GOLGA3	0.00183272	0.10278	0.87846	-1.13836	0.489121	1.05233	1.05233	0.00254282	1.35531	1.35531	0.855362	1.01333	1.01333	0.00149392	0.717194	-1.39432	0.0724617	1.15662	1.15662	0.000410538	1.50274	1.50274	0.720439	1.02643	1.02643	0.853126	1.01354	1.01354	9.88996	0.825478	0.0741922	1
cg09971940	GOLGA3	0.00296781	0.000907952	0.372558	-2.68415	0.0151166	1.81129	1.81129	0.815202	0.95448	-1.04769	0.00447068	0.470275	-2.12642	0.154818	0.738596	-1.35392	0.0158787	0.555553	-1.80001	0.594436	1.11286	1.11286	0.0675387	1.50316	1.50316	0.0178594	0.563884	-1.77341	8.5856	5.38436	0.557456	1
cg15998961	GOLGA3	0.003846	0.46073	1.20873	1.20873	0.000318938	4.35382	4.35382	0.471345	0.831139	-1.20317	0.349307	1.27534	1.27534	0.237733	1.36644	1.36644	0.0555283	0.578241	-1.72938	0.00159704	3.13693	3.13693	0.0221792	1.99811	1.99811	0.884703	1.03731	1.03731	7.94587	8.01915	0.897086	1
cg12525596	GOLGA3	0.00386758	0.269848	0.843013	-1.18622	0.00654294	1.69056	1.69056	0.189861	1.22922	1.22922	0.000556842	0.451147	-2.21657	0.95382	1.00864	1.00864	0.00463282	1.75042	1.75042	0.266632	0.841962	-1.1877	0.919221	0.985036	-1.01519	0.455099	1.11972	1.11972	7.93251	2.77527	0.310987	1
cg19837214	GOLGA3	0.00416609	0.15591	1.17433	1.17433	0.476068	1.07973	1.07973	?	?	?	0.267473	1.13007	1.13007	0.789128	1.02878	1.02878	0.180867	0.860372	-1.16229	6.84E-05	2.16159	2.16159	0.775651	1.03071	1.03071	0.930282	1.00931	1.00931	7.92545	1.25022	0.157748	1
cg10448529	GOLGA3	0.00487891	0.0826577	0.635073	-1.57462	0.892094	0.968448	-1.03258	0.297209	0.774696	-1.29083	0.147947	0.693054	-1.44289	0.191709	0.721463	-1.38607	0.45274	0.834695	-1.19804	0.000201973	4.36129	4.36129	0.612993	1.12804	1.12804	0.0204367	0.516894	-1.93463	7.39368	6.53387	0.78552	1
cg25117844	GOLGA3	0.00513482	0.290727	0.868246	-1.15175	0.283975	0.866385	-1.15422	0.00328508	0.596804	-1.67559	0.23345	1.17465	1.17465	0.687753	0.949272	-1.05344	0.00286659	0.58943	-1.69655	0.00225854	1.73443	1.73443	0.123825	0.806736	-1.23956	0.910045	0.985542	-1.01467	7.27918	1.91415	0.233744	1
cg16078863	GOLGA3	0.00552561	0.382969	1.24067	1.24067	0.633411	1.12279	1.12279	0.896121	0.969004	-1.03199	0.240624	1.34463	1.34463	0.000364317	0.252355	-3.96267	0.757575	1.07748	1.07748	0.00137187	0.326537	-3.06244	0.91263	0.973891	-1.02681	0.199086	0.721034	-1.3869	7.11739	6.54927	0.817936	1
cg26636835	GOLGA3	0.00673717	0.180322	0.828113	-1.20756	0.199845	1.19667	1.19667	0.801485	0.967154	-1.03396	0.288507	1.15728	1.15728	0.000221352	0.442419	-2.2603	0.7286	0.954872	-1.04726	0.324702	1.14433	1.14433	0.0102372	0.651095	-1.53587	0.514909	0.916182	-1.09149	6.69443	1.86327	0.247405	1
cg14529170	GOLGA3	0.00860591	0.448487	0.922768	-1.0837	0.398832	1.09405	1.09405	0.79914	1.02689	1.02689	0.89046	1.01444	1.01444	0.0149344	0.732386	-1.3654	0.000187032	0.518862	-1.92729	0.208387	0.87109	-1.14799	0.489237	1.07584	1.07584	0.48838	0.92937	-1.076	6.1997	1.0632	0.152438	1
cg18159533	GOLGA3	0.00908738	0.0870073	0.755604	-1.32344	0.0409635	0.704847	-1.41875	0.0679042	1.35419	1.35419	0.195658	0.816339	-1.22498	0.00961724	0.61507	-1.62583	0.0374434	0.699034	-1.43055	0.0131232	1.57792	1.57792	0.19736	1.22393	1.22393	0.0324299	0.689818	-1.44966	6.09366	2.122	0.309539	1
cg00825407	GOLGA3	0.0133589	0.157983	0.830684	-1.20383	0.779075	1.03516	1.03516	0.578418	0.933341	-1.07142	0.960484	1.00611	1.00611	0.925124	0.988514	-1.01162	0.115396	1.2341	1.2341	0.00156135	1.74829	1.74829	0.00586092	0.641954	-1.55774	0.218014	0.85279	-1.17262	5.382	1.28729	0.212608	1
cg14903202	GOLGA3	0.0136092	0.774527	1.05287	1.05287	0.797118	1.0473	1.0473	0.0569877	0.679513	-1.47164	0.637867	0.918467	-1.08877	0.000630345	0.389652	-2.56639	0.301059	0.825121	-1.21194	0.161197	1.30792	1.30792	0.376824	1.17667	1.17667	0.0180028	0.59716	-1.67459	5.34938	2.7265	0.453054	1
cg16120883	GOLGA3	0.0145356	0.70866	0.908128	-1.10117	0.607996	1.14206	1.14206	0.026738	0.509719	-1.96187	0.137836	0.66348	-1.5072	0.118379	0.647083	-1.5454	0.000362297	0.230417	-4.33995	0.0479975	0.559697	-1.78668	0.821509	1.05973	1.05973	0.532521	0.850174	-1.17623	5.23479	5.46512	0.928	1
cg08695912	GOLGA3	0.0147801	0.617562	0.845954	-1.1821	0.1812	0.623916	-1.60278	0.430539	0.765377	-1.30655	0.0640921	1.9967	1.9967	0.00235918	0.244205	-4.09492	0.0689865	0.508511	-1.96652	0.125339	0.576202	-1.7355	0.176504	1.61204	1.61204	0.00791162	0.322399	-3.10174	5.20605	9.10604	1.55478	1
cg20319945	GOLGA3	0.015311	0.0021439	0.322727	-3.09859	0.213719	0.709336	-1.40977	0.751606	1.08686	1.08686	0.0526425	0.561083	-1.78227	0.00603878	0.390318	-2.56201	0.196827	0.699124	-1.43036	0.011274	0.434919	-2.29928	0.572806	1.16122	1.16122	0.039419	0.535256	-1.86827	5.14563	5.6073	0.96864	1
cg03742642	GOLGA3	0.0183423	0.00344796	0.329148	-3.03815	0.0102803	2.47158	2.47158	0.111803	1.62338	1.62338	0.568263	0.850985	-1.17511	0.970758	1.01031	1.01031	0.608279	1.15562	1.15562	0.946146	0.981277	-1.01908	0.931538	1.02433	1.02433	0.0245469	0.472667	-2.11565	4.84431	6.00585	1.10202	1
cg11199448	GOLGA3	0.0187232	0.0336823	1.38699	1.38699	0.221632	0.844159	-1.18461	0.210463	1.19009	1.19009	0.122318	1.24711	1.24711	0.155829	1.22171	1.22171	0.530691	1.08736	1.08736	0.000511748	2.04515	2.04515	0.91291	1.01453	1.01453	0.20053	1.19519	1.19519	4.81085	1.32511	0.244838	1
cg15772013	GOLGA3	0.0192263	0.0470172	0.556991	-1.79536	0.392646	1.25287	1.25287	0.30291	0.759787	-1.31616	0.610468	1.1414	1.1414	0.001005	0.284545	-3.51438	0.0107025	0.437877	-2.28375	0.986603	0.995687	-1.00433	0.252596	0.735184	-1.3602	0.136805	0.66193	-1.51073	4.76793	5.00433	0.932962	1
cg11642324	GOLGA3	0.0214552	0.0083073	0.376355	-2.65707	0.163892	1.53767	1.53767	0.609637	0.861437	-1.16085	0.0483487	0.520272	-1.92207	0.700464	0.894081	-1.11847	0.0165641	0.428377	-2.33439	0.115777	0.609481	-1.64074	0.168649	1.52935	1.52935	0.0138204	0.41425	-2.414	4.59323	6.1028	1.18102	1
cg21561989	GOLGA3	0.0216471	0.389391	0.889406	-1.12435	0.225916	1.18408	1.18408	0.406139	1.11955	1.11955	0.0945833	0.783373	-1.27653	0.725993	0.954324	-1.04786	0.48333	0.909686	-1.09928	0.00094792	1.92476	1.92476	0.0950344	0.783685	-1.27602	0.71667	0.952727	-1.04962	4.57926	1.28044	0.248549	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00639579	GOLGA3	0.0226917	0.66766	0.930818	-1.07432	0.784473	0.955518	-1.04655	0.00255092	0.499213	-2.00315	0.0631925	1.41455	1.41455	0.0476228	1.45642	1.45642
cg12197235	GOLGA3	0.0250529	0.635503	0.908539	-1.10067	0.130046	1.38888	1.38888	0.00525451	0.4774	-2.09468	0.70801	1.07851	1.07851	0.016379	0.55466	-1.80291
cg18349937	GOLGA3	0.0289822	0.410143	1.32548	1.32548	0.813273	0.923895	-1.08237	0.00189469	0.229324	-4.36064	0.219372	0.649161	-1.54045	0.276253	0.684639	-1.46062
cg07249343	GOLGA3	0.0340313	0.824891	0.93895	-1.06502	0.00329325	3.12119	3.12119	0.0388586	1.9736	1.9736	0.127712	1.59705	1.59705	0.661709	1.13333	1.13333
cg03618215	GOLGA3	0.0348615	0.0250374	0.590232	-1.69425	0.09776	1.43229	1.43229	0.0182046	1.76294	1.76294	0.686393	0.922863	-1.08358	0.943252	1.01418	1.01418
cg07904567	GOLGA3	0.0394388	0.0553325	0.801049	-1.24836	0.30972	1.11333	1.11333	0.925204	1.00964	1.00964	0.170812	0.861617	-1.16061	0.506864	0.933538	-1.07119
cg15163780	GOLGA3	0.0430035	0.344141	1.18391	1.18391	0.19384	0.788075	-1.26891	0.0599426	1.44439	1.44439	0.905565	0.97965	-1.02077	0.336978	0.842403	-1.18708
cg12404505	GOLGA3	0.047349	0.327701	1.39716	1.39716	0.0292928	0.427431	-2.33956	0.735052	1.119	1.119	0.0785632	0.523739	-1.90935	0.0568632	0.489969	-2.04095
cg02403232	GOLGA3;GOLGA3	0.0422668	0.431468	0.879932	-1.13645	0.0093107	1.69138	1.69138	0.0291013	1.50638	1.50638	0.908756	0.981901	-1.01843	0.790252	0.95842	-1.04338
cg01017774	GOLGA4	8.21E-05	0.993478	1.00188	1.00188	0.0800822	1.56241	1.56241	0.374435	1.23306	1.23306	1.89E-06	0.0660958	-15.1296	0.000611605	0.297315	-3.36343
cg06135765	GOLGA4	0.000226222	0.84938	1.04849	1.04849	0.914307	0.973548	-1.02717	0.0038608	0.379267	-2.63666	0.319276	1.29219	1.29219	4.59E-06	0.0727836	-13.7394
cg24861683	GOLGA4	0.00573965	0.0157197	0.665328	-1.50302	0.824898	1.03097	1.03097	0.00133846	1.89972	1.89972	0.374919	0.882183	-1.13355	0.240828	0.844491	-1.18415
cg07590912	GOLGA4	0.0109752	0.0101381	0.262036	-3.81626	0.00191046	0.162789	-6.14294	0.432808	1.39174	1.39174	0.309161	0.64751	-1.54438	0.444169	0.724602	-1.38007
cg02728002	GOLGA4	0.0216811	0.908308	1.01201	1.01201	0.265339	1.1278	1.1278	0.00804988	1.4215	1.4215	0.0619366	0.804297	-1.24332	0.134083	1.18222	1.18222
cg10666906	GOLGA4	0.0297837	?	?	?	0.395143	1.34102	1.34102	0.923677	1.03281	1.03281	?	?	?	0.248464	0.665988	-1.50153
cg24151229	GOLGA5	1.08E-05	?	?	?	0.141011	1.50623	1.50623	0.0605059	1.73631	1.73631	3.10E-07	0.00988207	-101.193	0.490937	1.19651	1.19651
cg21235823	GOLGA5	0.0140559	0.0474162	3.11998	3.11998	0.00972491	0.193842	-5.15884	0.217817	0.521841	-1.91629	0.0301522	3.59346	3.59346	0.0175459	0.234565	-4.2632
cg25917609	GOLGA5	0.030173	0.00414122	0.604079	-1.65541	0.277227	1.15972	1.15972	0.493351	1.0955	1.0955	0.00622619	0.626514	-1.59613	0.414669	0.896433	-1.11553
cg16195004	GOLGA5	0.0432364	0.0116135	0.269942	-3.70449	0.013492	0.281002	-3.55869	0.0159252	0.293662	-3.40528	0.174783	0.549308	-1.82047	0.253758	0.609746	-1.64003
cg24503244	GOLGA6A	0.00376494	0.188787	0.852643	-1.17282	0.48537	0.922034	-1.08456	0.000474935	0.533498	-1.87442	0.0171797	0.717156	-1.3944	0.00303989	0.628184	-1.59189
cg02364703	GOLGA6A	0.0157374	0.0288768	0.559693	-1.78669	0.129822	0.69171	-1.44569	0.00891181	0.472588	-2.11601	0.0373756	0.580335	-1.72314	0.0324607	0.568973	-1.75755
cg12517891	GOLGA6B	0.0264642	0.0809825	0.490651	-2.03811	0.0775028	0.485717	-2.05881	0.0421437	0.422503	-2.36685	0.0542187	0.447541	-2.23443	0.0184719	0.349374	-2.86226
cg23516121	GOLGA6C	0.0191791	0.0555877	0.520182	-1.9224	0.00548362	0.332791	-3.00489	0.0947679	0.57509	-1.73886	0.1197	0.601297	-1.66307	0.00285486	0.290297	-3.44475
cg15030631	GOLGA6L6	0.00814962	0.0689073	0.662011	-1.51055	0.224108	0.772001	-1.29533	0.393119	0.837566	-1.19394	0.0105802	0.521257	-1.91844	0.000980935	0.370426	-2.6996
cg00446925	GOLGA7;GOLGA7;GOLGA7	0.00172318	0.0444084	1.25702	1.25702	0.22075	1.13604	1.13604	0.72085	0.965075	-1.03619	0.252902	1.1256	1.1256	0.000670492	1.6746	1.6746
cg07204937	GOLGA7B	0.00708257	0.581828	0.953218	-1.04908	0.000712464	0.64145	-1.55897	0.194602	0.888524	-1.12546	0.0821193	0.847117	-1.18047	0.0133006	1.30241	1.30241
cg02681733	GOLGA7B	0.0309152	0.879172	1.05354	1.05354	0.734662	1.12371	1.12371	0.194905	1.60013	1.60013	0.125589	0.566471	-1.76532	0.000737161	0.1724	-5.80048
cg00208412	GOLGA7B	0.0495897	0.159995	1.20234	1.20234	0.0976761	1.24988	1.24988	0.0532187	0.763698	-1.30942	0.971772	1.00435	1.00435	0.0449498	1.32638	1.32638
cg23837845	GOLGA8A	0.0167644	0.215589	0.772399	-1.29467	0.157189	0.741002	-1.34952	0.00534534	0.483349	-2.0689	0.151792	0.737672	-1.35562	0.0521977	0.645602	-1.54894
cg19701378	GOLGA8A	0.0295729	0.529315	0.723629	-1.38192	0.204549	1.97298	1.97298	0.00739633	5.764	5.764	0.277802	0.563908	-1.77334	0.128927	2.29992	2.29992
cg01471153	GOLGA8B	0.00575405	0.975874	0.993005	-1.00704	0.990167	0.997143	-1.00286	0.000307003	3.89807	3.89807	0.696242	0.912951	-1.09535	0.347562	1.25171	1.25171
cg09670701	GOLGA8B	0.00743278	0.434076	0.88517	-1.12973	0.028034	0.672617	-1.48673	0.000783775	2.17287	2.17287	0.712768	1.05813	1.05813	0.767481	0.955701	-1.04635
cg02700714	GOLGA8B	0.00763297	0.363427	0.750584	-1.3323	0.150109	1.60622	1.60622	0.0968979	1.75019	1.75019	0.791089	0.921687	-1.08497	0.0112683	0.377162	-2.65138
cg07325092	GOLGA8B	0.00976824	0.37703	1.23577	1.23577	0.00070589	3.33862	3.33862	0.0484638	1.69298	1.69298	0.110695	1.50065	1.50065	0.141785	1.44617	1.44617
cg18426224	GOLGA8B	0.01369	0.365342	0.813742	-1.22889	0.464528	1.17935	1.17935	0.00541061	2.25072	2.25072	0.224384	0.753657	-1.32686	0.412233	0.830454	-1.20416
cg16275734	GOLGA8B	0.0243176	0.00991915	0.113574	-8.8048	0.279258	2.11955	2.11955	0.557047	1.48677	1.48677	0.0045618	0.0802566	-12.46	?	?	?
cg10861495	GOLGA8B	0.0384651	0.936701	1.02063	1.02063	0.0231225	0.497444	-2.01028	0.27188	1.34187	1.34187	0.283687	0.750989	-1.33158	0.115128	0.643748	-1.5534
cg06030689	GOLGA8C	0.0248847	0.856171	1.03644	1.03644	0.0112258	0.534377	-1.87134	0.0324852	0.610332	-1.63845	0.256413	0.791624	-1.26323	0.739903	1.06793	1.06793
cg02476674	GOLGA8D	0.0367403	0.233612	0.751035	-1.3315	0.0120772	0.48797	-2.04931	0.0685351	0.626577	-1.59597	0.138118	0.693472	-1.44202	0.400743	0.821029	-1.21798
cg20608329	GOLGA9P	0.000809154	0.263318	0.872682	-1.14589	0.00585253	0.656176	-1.52398	0.000111049	0.452055	-2.21212	0.0146121	0.703866	-1.42073	0.000696106	0.546525	-1.82974
cg19178561	GOLGA9P	0.0282033	0.333045	1.17457	1.17457	0.00969961	0.59022	-1.69428	0.0102418	0.593609	-1.68461	0.718915	1.05997	1.05997	0.0191279	0.633233	-1.5792
cg09220838	GOLGB1	0.00048358	0.00270992	0.579358	-1.72605	0.000172302	2.31828	2.31828	0.329469	1.14181	1.14181	0.00446608	1.64817	1.64817	0.17834	1.20735	1.20735
cg20545295	GOLGB1	0.000837088	0.0152685	0.715971	-1.3967	0.00349429	1.55961	1.55961	0.100952	1.22321	1.22321	0.581022	1.06452	1.06452	0.403723	1.10058	1.10058
cg14756353	GOLGB1	0.00155576	0.761524	1.02412	1.02412	0.00270609	1.3832	1.3832	0.00574014	1.32775	1.32775	0.0277936	1.22581	1.22581	0.0103214	1.28789	1.28789
cg18861827	GOLGB1	0.00806169	0.335656	1.3824	1.3824	?	?	?	0.0110209	2.82949	2.82949	0.0064286	0.314709	-3.17754	0.00897919	2.95574	2.95574
cg11901478	GOLGB1	0.0127768	0.0211488	1.26434	1.26434	0.0390726	0.817039	-1.22393	0.0161481	0.779565	-1.28277	0.014137	1.29203	1.29203	0.0541956	0.831207	-1.20307
cg09097697	GOLGB1	0.0207526	0.869713	0.925638	-1.08034	0.045586	0.339897	-2.94206	0.921775	1.04732	1.04732	0.55708	0.756128	-1.32253	0.723529	1.18198	1.18198
cg25340675	GOLGB1	0.0452777	0.2064	1.15741	1.15741	0.798764	1.02842	1.02842	0.188284	1.16522	1.16522	0.180091	1.169	1.169	0.400045	0.909837	-1.0991
cg02604560	GOLIM4	0.000169751	8.64E-06	0.139969	-7.14443	0.0507171	0.635877	-1.57263	0.221451	0.769994	-1.29871	0.306821	0.806416	-1.24006	0.000127991	0.258013	-3.87577
cg12291552	GOLIM4	0.00142011	0.757644	0.932988	-1.07183	0.129588	0.692827	-1.44336	0.107939	1.48153	1.48153	0.984878	0.995762	-1.00426	0.000560854	0.301552	-3.31618
cg01893100	GOLIM4	0.0024322	0.0265828	1.45363	1.45363	0.306846	1.16248	1.16248	0.0851602	1.31111	1.31111	0.0386123	1.40626	1.40626	0.0436946	0.718926	-1.39096
cg24506574	GOLIM4	0.0210089	0.787005	1.01805	1.01805	0.0122483	0.813732	-1.22891	0.160034	0.905601	-1.10424	0.200008	0.914455	-1.09355	0.00348309	1.29938	1.29938
cg18098839	GOLIM4	0.0280983	0.00973787	0.172039	-5.81265	0.103937	0.384006	-2.60412	0.0252163	0.23866	-4.19006	0.011671	0.183305	-5.45539	0.0460485	0.292092	-3.42358
cg15163040	GOLIM4	0.0352326	0.955661	1.00356	1.00356	0.84115	0.987241	-1.01292	0.0451166	0.863206	-1.15847	0.143504	0.904309	-1.10582	0.895201	0.991602	-1.00847
cg20228115	GOLIM4	0.0357013	0.813233	1.03246	1.03246	0.324948	1.14707	1.14707	0.902256	0.983552	-1.01672	0.711284	1.05146	1.05146	0.888426	1.01913	1.01913
cg03208482	GOLIM4;GOLIM4	0.0151657	0.922242	1.01448	1.01448	0.415059	1.13047	1.13047	0.00581465	1.70183	1.70183	0.476204	1.11253	1.11253	0.487715	1.10936	1.10936
cg24852661	GOLM1;GOLM1	0.0110837	0.354603	0.635689	-1.5731	0.00596999	5.52843	5.52843	0.89086	0.936775	-1.06749	0.147661	2.09385	2.09385	0.00218866	0.129518	-7.72095
cg14574047	GOLM1;GOLM1	0.0252252	0.440929	0.807042	-1.23909	0.012677	2.32842	2.32842	0.214623	1.42815	1.42815	0.236917	1.40219	1.40219	0.0217395	0.47167	-2.12012
cg12410273	GOLM1;GOLM1	0.0311822	0.111683	0.426621	-2.344	0.407989	1.51614	1.51614	0.873794	1.0813	1.0813	0.0348498	3.35121	3.35121	0.00317414	0.137842	-7.2547
cg13925220	GOLM1;GOLM1	0.0318528	0.0482158	0.660094	-1.51494	0.0560532	0.671552	-1.48909	0.394825	0.85185	-1.17392	0.466875	0.872652	-1.14593	0.00207098	0.450267	-2.2209
cg20263942	GOLM1;GOLM1;GOLM1	0.0345055	0.0558244	0.266479	-3.75264	0.0121436	6.73983	6.73983	0.138584	2.64639	2.64639	0.0411784	4.21142	4.21142	0.147887	0.387683	-2.57943
cg12155841	GOLPH3	0.000160592	0.00315237	0.401596	-2.49007	7.19E-05	0.194971	-5.12898	0.00182355	0.367249	-2.72295	0.203348	0.738159	-1.35472	2.47E-05	0.150131	-6.66084
cg17785781	GOLPH3	0.00395596	0.0306152	1.24982	1.24982	0.000831568	1.55534	1.55534	0.196385	0.886988	-1.12741	0.624607	0.957628	-1.04425	0.00681472	0.735102	-1.36035
cg10956860	GOLPH3	0.00410461	0.00261764	0.279785	-3.57418	0.0128976	0.389221	-2.56923	0.202481	0.662796	-1.50876	0.289059	1.39987	1.39987	0.0203793	0.425513	-2.3501
cg08262505	GOLPH3	0.0105197	0.292997	1.13155	1.13155	0.76256	1.03492	1.03492	0.233105	0.867935	-1.15216	0.179649	0.850905	-1.17522	0.434866	0.913692	-1.09446
cg02096718	GOLPH3	0.0238203	0.244843	0.881551	-1.13436	0.375924	0.91013	-1.09874	0.48826	0.92963	-1.0757	0.231581	0.878068	-1.13886	0.0874326	0.822394	-1.21596
cg04830814	GOLPH3	0.0394472	0.275977	0.730669	-1.36861	0.0335305	0.502752	-1.98905	0.946024	1.01892	1.01892	0.0713372	0.572525	-1.74665	0.00161647	0.286059	-3.49578
cg01793088	GOLPH3L	6.31E-06	0.0484274	0.762094	-1.31217	0.00415065	0.629407	-1.5888	0.0907249	1.25175	1.25175	0.30471	0.879796	-1.13663	0.345151	0.889451	-1.12429
cg15700487	GOLPH3L	0.000971677	0.335441	0.776144	-1.28842	0.699019	1.1042	1.1042	0.472794	0.830021	-1.20479	0.0039869	0.372517	-2.68444	0.734411	1.09076	1.09076
cg04414720	GOLPH3L	0.0032694	0.0238054	0.383517	-2.60745	0.00058867	0.151622	-6.59537	0.0817877	0.503994	-1.98415	0.00506676	0.268082	-3.73021	0.00926366	0.309385	-3.23222
cg01139966	GOLPH3L	0.00853974	0.861559	0.942002	-1.06157	0.179481	0.613823	-1.62913	0.381088	0.735272	-1.36004	0.456933	0.771575	-1.29605	0.946409	1.02328	1.02328
cg12401651	GOLPH3L	0.0208484	0.704219	0.799792	-1.25032	0.03656	4.14984	4.14984	0.0475386	3.77163	3.77163	0.418624	0.61626	-1.62269	0.439772	0.630327	-1.58648
cg09365446	GOLPH3L	0.0223361	0.0154409	0.297346	-3.36308	0.0435865	0.387903	-2.57796	0.0316094	0.357515	-2.79708	0.072403	0.441207	-2.26651	0.00732215	0.243859	-4.10073
cg13690525	GOLSYN;GOLSYN	0.000513916	0.0148331	0.702763	-1.42296	0.133303	0.826483	-1.20995	2.66E-05	0.376366	-2.65699	0.843512	1.02353	1.02353	0.0060816	0.656051	-1.52427
cg27511169	GOLSYN;GOLSYN	0.00409352	0.0860791	1.88041	1.88041	1.00E-04	0.10048	-9.95223	0.669837	0.866923	-1.1535	0.215397	0.647807	-1.54367	0.67464	1.15093	1.15093
cg06320981	GOLSYN;GOLSYN	0.0108463	0.0107885	0.421845	-2.37054	0.00468684	0.363127	-2.75386	0.0317935	0.507528	-1.97033	0.155526	0.663941	-1.50616	0.0239932	0.484002	-2.06611
cg00935894	GOLSYN;GOLSYN	0.0161315	0.00899367	0.299709	-3.33657	0.345883	0.703178	-1.42211	0.630048	0.838574	-1.1925	0.24319	0.642106	-1.55737	0.00119869	0.178766	-5.5939
cg11075718	GOLSYN;GOLSYN	0.0193016	0.513919	0.733477	-1.36337	0.983123	0.990144	-1.00995	0.183774	0.51669	-1.9354	0.384105	0.658442	-1.51874	0.0129753	0.236043	-4.23652
cg18029167	GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.00261184	0.00369665	0.304596	-3.28304	0.00279401	0.286901	-3.48553	0.00419787	0.312858	-3.19634	0.233314	0.684771	-1.46034	0.00187278	0.262758	-3.80578
cg08457298	GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.0053265	0.00900031	0.465086	-2.15014	0.00981512	0.471215	-2.12217	0.00631143	0.440489	-2.27021	0.277081	0.770616	-1.29766	0.00228825	0.374225	-2.67219
cg04843935	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.00527011	0.00577091	0.295386	-3.3854	0.00102275	0.193712	-5.16229	0.00111446	0.198107	-5.04778	0.0275257	0.415299	-2.4079	0.177083	0.616513	-1.62203
cg05478291	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.000601027	0.0633479	0.657802	-1.52021	0.258453	1.26684	1.26684	0.0616556	1.52536	1.52536	1.84E-05	0.173425	-5.76618	0.0442252	0.628997	-1.58983
cg25601086	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.000777099	0.0288081	0.559264	-1.78806	0.137731	1.43375	1.43375	0.387063	0.818853	-1.22122	0.0220194	1.85731	1.85731	0.0445571	0.594558	-1.68192
cg25834419	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.00292388	0.0629981	0.313126	-3.1936	0.462185	1.51518	1.51518	0.762194	0.844938	-1.18352	0.491446	1.47398	1.47398	0.000487646	0.048108	-20.7866
cg22764289	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.0088679	0.269611	1.59769	1.59769	0.20349	1.72819	1.72819	0.00438151	4.71574	4.71574	0.804812	1.10619	1.10619	0.0172319	0.306452	-3.26316
cg25208863	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.0114088	0.665267	1.12187	1.12187	0.674748	1.11795	1.11795	0.872862	1.04321	1.04321	0.0267397	0.499879	-2.00048	0.155098	0.669014	-1.49474
cg13045266	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.0212103	0.000740487	0.226576	-4.41353	0.603703	1.16386	1.16386	0.688652	0.889843	-1.12379	0.816145	1.06982	1.06982	0.0585625	0.53838	-1.85743
cg26077062	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.0221226	0.00685353	0.386714	-2.58589	0.124391	1.57052	1.57052	0.41349	0.797058	-1.25461	0.0302237	0.500894	-1.99643	0.0230323	0.478288	-2.09079
cg15962547	GOLT1A	7.51E-06	0.362843	0.865126	-1.1559	0.0328779	0.679357	-1.47198	1.23E-06	6.94472	6.94472	7.43E-07	7.91695	7.91695	0.0776953	1.35493	1.35493
cg05807885	GOLT1A	8.99E-06	0.0584609	0.70621	-1.41601	0.000572434	0.41995	-2.38124	1.03E-06	8.02253	8.02253	3.18E-06	6.02971	6.02971	0.11412	0.756064	-1.32264
cg02858402	GOLT1A	0.00166202	0.488067	1.22486	1.22486	0.137109	0.630619	-1.58574	5.11E-05	8.88497	8.88497	0.0205757	2.23254	2.23254	0.963847	1.01314	1.01314
cg17906339	GOLT1A	0.00507778	0.784499	0.944358	-1.05892	0.0127322	0.523878	-1.90884	0.00135877	2.64132	2.64132	0.00128973	2.66327	2.66327	0.98559	0.996235	-1.00378
cg12210036	GOLT1A	0.0226086	0.0564227	0.507684	-1.96973	0.0172601	0.402378	-2.48523	0.00214314	3.86983	3.86983	0.852505	0.943261	-1.06015	0.200191	0.653973	-1.52912
cg26825650	GOLT1A	0.0255579	0.27972	0.803265	-1.24492	0.02669	1.66847	1.66847	0.0477914	1.55455	1.55455	0.0905192	1.43848	1.43848	0.87797	1.03041	1.03041
cg20510272	GOLT1A	0.0419159	0.126661	0.520622	-1.92078	0.402599	0.712904	-1.40271	0.0250273	2.86719	2.86719	0.105527	2.01097	2.01097	0.0219862	0.337733	-2.96092
cg07011373	GOLT1A;GOLT1A	0.00926942	0.479258	0.802148	-1.24665	0.636719	1.15699	1.15699	0.00233278	3.67943	3.67943	0.00254337	3.60979	3.60979	0.731353	0.899752	-1.11142
cg00165862	GOLT1A;GOLT1A	0.0187239	0.087269	0.526189	-1.90046	0.494633	0.789893	-1.26599	0.00314533	3.94623	3.94623	0.014484	2.78587	2.78587	0.079863	0.516342	-1.9367
cg20867633	GOLT1A;GOLT1A	0.0381778	0.308535	0.717529	-1.39367	0.546259	1.21206	1.21206	0.0149558	2.56606	2.56606	0.0101558	2.77624	2.77624	0.985041	0.994112	-1.00592
cg07371838	GOLT1B	0.00354869	0.00317345	0.358434	-2.78991	0.00133645	0.305094	-3.27768	0.00241073	0.340966	-2.93284	0.019946	0.489126	-2.04446	0.00464432	0.383456	-2.60786
ch.1.3036304F	GON4L	0.0240728	0.257842	1.44252	1.44252	0.189314	1.54107	1.54107	0.274716	1.4226	1.4226	0.051048	2.0122	2.0122	0.052338	0.499481	-2.00208
cg07981109	GON4L;GON4L	5.79E-05	0.0136888	0.465004	-2.15052	0.0331423	1.86922	1.86922	0.0282476	1.91663	1.91663	?	?	?	0.985277	1.00464	1.00464
cg12062067	GON4L;GON4L	0.0307681	0.0804856	0.718173	-1.39242	0.891727	0.977013	-1.02353	0.143971	0.764868	-1.30742	0.551795	0.902308	-1.10827	0.000937135	0.43041	-2.32336
cg08229522	GON4L;GON4L	0.0432108	0.0821476	0.488716	-2.04618	0.204074	0.607576	-1.64589	0.237832	0.631483	-1.58357	0.00891621	0.290266	-3.44511	0.0118917	0.311251	-3.21284
cg22367970	GON4L;GON4L;GON4L;GON4L	0.00183431	0.000641104	0.204108	-4.89937	0.0130528	0.39303	-2.54434	0.37062	0.756686	-1.32155	0.000219538	0.154464	-6.47402	0.113448	0.593125	-1.68599
cg04607246	GON4L;MSTO2P	0.016349	0.319291	0.660445	-1.51413	0.00525691	0.226848	-4.40824	0.0678563	0.438511	-2.28044	0.27024	1.58838	1.58838	0.0234235	0.335742	-2.97848
cg01609000	GOPC;DCBLD1;GOPC	0.00305031	0.0121427	0.442307	-2.26088	0.0256149	0.500598	-1.99761	0.0589703	0.573212	-1.74455	0.0572993	0.570547	-1.75271	0.00336049	0.353046	-2.83249
cg23172864	GOPC;GOPC	0.00411163	0.0270788	0.611493	-1.63534	0.240172	0.793621	-1.26005	0.21616	0.782986	-1.27716	0.454448	1.15397	1.15397	0.589827	1.10771	1.10771
cg01717535	GOPC;GOPC	0.0136412	0.172451	0.742912	-1.34606	0.0884044	0.680642	-1.4692	0.00774346	0.496594	-2.01372	0.308419	0.805943	-1.24078	0.000609498	0.339323	-2.94704
cg18181975	GOPC;GOPC;DCBLD1	0.0329323	0.294117	1.3719	1.3719	0.282311	0.72279	-1.38353	0.802284	1.07562	1.07562	0.560445	1.18656	1.18656	0.00105803	0.244866	-4.08386
cg23610752	GORAB;GORAB	0.0044042	0.917885	1.01896	1.01896	0.00934183	0.54856	-1.82296	0.00869031	0.543835	-1.83879	0.000209682	0.323229	-3.09378	0.558928	1.11365	1.11365
cg04892409	GORAB;GORAB;GORAB	0.0035537	0.0288359	1.26929	1.26929	0.00873077	1.3622	1.3622	0.00415815	1.42672	1.42672	0.00210987	1.49176	1.49176	0.208897	1.13037	1.13037
cg13370746	GORAB;GORAB;GORAB	0.0178039	0.46255	0.85376	-1.17129	0.307854	1.25002	1.25002	0.533747	1.14253	1.14253	0.0507071	0.624571	-1.6011	0.0020902	0.400336	-2.4979
cg17455183	GORAB;GORAB;GORAB	0.0323429	0.00846764	0.735834	-1.359	0.00614046	0.7216	-1.38581	0.0872985	0.841744	-1.18801	0.577305	0.949916	-1.05272	0.480746	0.936684	-1.0676
cg12900666	GORASP1	1.39E-07	0.000841756	0.616346	-1.62246	0.513221	0.938096	-1.06599	0.000220266	0.552512	-1.80992	6.67E-08	0.172981	-5.78098	1.08E-06	0.293397	-3.40835
cg25860793	GORASP1	0.00160213	0.00476512	0.626652	-1.59578	0.810662	1.03038	1.03038	0.00411111	1.61614	1.61614	0.0440233	1.33456	1.33456	0.000406055	0.496163	-2.01547
cg07706279	GORASP1;TTC21A;TTC21A	0.00114883	0.207315	1.24336	1.24336	0.0104954	0.590043	-1.69479	0.478753	0.888734	-1.1252	0.583113	0.913205	-1.09504	0.0233422	0.641524	-1.55879
cg15427774	GORASP1;TTC21A;TTC21A;TTC21A;TTC21A	0.00211451	0.617388	1.15218	1.15218	0.457629	1.23707	1.23707	0.349731	1.31094	1.31094	0.228027	1.42745	1.42745	0.238375	1.41532	1.41532
cg26331595	GORASP1;TTC21A;TTC21A;TTC21A;TTC21A	0.0047795	0.000627894	0.197152	-5.07223	0.252553	0.691322	-1.4465	0.118215	1.68866	1.68866	0.000555308	0.191117	-5.23241	0.69934	1.12735	1.12735
cg09837385	GORASP1;TTC21A;TTC21A;TTC21A;TTC21A	0.00965097	0.0198097	0.653783	-1.52956	0.976683	1.00442	1.00442	0.100133	1.31275	1.31275	0.0480198	1.40693	1.40693	0.774869	0.957608	-1.04427
cg16811230	GORASP1;TTC21A;TTC21A;TTC21A;TTC21A	0.0145655	0.02358	0.590334	-1.69396	0.132699	1.37201	1.37201	0.00722737	1.9655	1.9655	0.675384	0.921174	-1.08557	0.611102	1.10514	1.10514
cg23627083	GORASP2	0.00213027	0.163632	0.649525	-1.53959	0.0016801	0.271541	-3.68269	0.112507	0.605611	-1.65123	0.986642	0.995152	-1.00487	0.00117541	0.251066	-3.98301
cg01095157	GORASP2	0.00687462	0.00995934	0.151269	-6.61074	0.00358335	0.10136	-9.86581	0.0388465	0.249593	-4.00652	0.281724	0.522485	-1.91393	0.00708284	0.132762	-7.53225
cg25189241	GORASP2	0.0154119	0.27106	1.64846	1.64846	0.00183363	6.89508	6.89508	0.0135479	3.79187	3.79187	0.514987	0.74976	-1.33376	0.482172	0.732271	-1.36561

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00639579	0.521005	0.897652	-1.11402	0.165379	1.27836	1.27836	0.082696	0.726904	-1.3757	0.311101	0.840349	-1.18998	4.50575	1.96581	0.387811	1
cg12197235	0.273904	1.25698	1.25698	0.015	0.54844	-1.82335	0.705534	0.926578	-1.07924	0.671233	1.08955	1.08955	4.35403	2.78268	0.568093	1
cg18349937	0.919169	0.966613	-1.03454	0.0163292	2.67026	2.67026	0.446254	0.771267	-1.29657	0.855866	1.06271	1.06271	4.13713	7.33258	1.57545	1
cg07249343	0.818092	1.06768	1.06768	0.146655	1.55713	1.55713	0.12679	1.59916	1.59916	0.0531268	0.535452	-1.86758	3.90654	4.99958	1.1376	1
cg03618215	0.904562	1.02401	1.02401	0.00957182	0.522654	-1.91331	0.935873	1.01604	1.01604	0.976241	0.994128	-1.00591	3.87268	2.39895	0.550625	1
cg07904567	0.0675064	0.81123	-1.2327	0.00752876	1.4208	1.4208	0.0682884	0.811825	-1.23179	0.65823	1.04651	1.04651	3.70234	0.611573	0.146832	1
cg15163780	0.28292	0.824245	-1.21323	0.00340235	0.501728	-1.99311	0.529039	0.895405	-1.11681	0.0641629	0.697427	-1.43384	3.58574	1.70441	0.422516	1
cg12404505	0.078733	0.523973	-1.9085	0.113632	0.565623	-1.76796	0.109429	1.78202	1.78202	0.0432788	0.463231	-2.15875	3.45875	6.00245	1.54261	1
cg02403232	0.125589	0.767915	-1.30223	0.115153	0.761176	-1.31376	0.330291	1.17356	1.17356	0.088833	1.34851	1.34851	3.60884	1.45058	0.357291	1
cg01017774	0.789895	0.940478	-1.06329	?	?	?	0.0830338	0.643378	-1.5543	0.49179	1.17404	1.17404	23.939	17.7962	0.743398	1
cg06135765	0.37287	0.796251	-1.25588	0.00201065	0.337737	-2.96088	0.778842	1.07263	1.07263	0.00336135	0.370226	-2.70105	17.7668	17.4538	0.873232	1
cg24861683	0.0347003	0.712557	-1.4034	0.00255817	0.562212	-1.77869	0.785729	0.963185	-1.03822	0.672419	0.943139	-1.06029	7.03471	2.11095	0.266735	1
cg07590912	0.769021	1.1293	1.1293	0.410345	1.41576	1.41576	?	?	?	0.0199615	3.18926	3.18926	5.8502	14.0443	2.40064	1
cg02728002	0.0135438	0.728631	-1.37244	0.272194	1.12571	1.12571	0.250846	1.13237	1.13237	0.0582952	1.24818	1.24818	4.5768	0.778087	0.151117	1
cg10666906	0.00585286	0.296546	-3.37216	0.0264942	2.42614	2.42614	0.0847841	0.526113	-1.90073	0.972397	0.988409	-1.01173	4.25278	5.94716	1.59819	1
cg24151229	0.0372575	0.53085	-1.88377	?	?	?	0.273515	1.34085	1.34085	0.0147558	2.21141	2.21141	58.891	46.4754	0.789176	1
cg21235823	0.441071	0.674267	-1.48309	0.085881	0.385877	-2.5915	0.185525	0.494449	-2.02245	0.107618	2.41313	2.41313	5.29294	21.0987	3.54328	1
cg25917609	0.832701	0.972645	-1.02812	0.308568	0.870938	-1.14819	0.750976	1.04263	1.04263	0.199792	1.19436	1.19436	4.07849	1.11057	0.242043	1
cg16195004	0.0164401	0.296145	-3.37673	0.063026	0.419777	-2.38222	0.164638	0.540429	-1.85038	0.138741	0.516067	-1.93773	3.57854	9.76507	2.42559	1
cg24503244	0.00430767	0.645959	-1.54809	0.0170844	0.716866	-1.39496	0.00201908	0.607337	-1.64653	0.212293	0.860345	-1.16232	7.99691	1.66033	0.184553	1
cg02364703	0.416311	0.829342	-1.20578	0.00760718	0.461589	-2.16643	0.00189024	0.37086	-2.69643	0.702544	0.917204	-1.09027	5.09896	4.09712	0.714241	1
cg12517891	0.162905	0.578031	-1.73001	0.00269852	0.217513	-4.59743	0.0135359	0.324776	-3.07905	0.0445832	0.427972	-2.3366	4.27156	9.16155	1.90647	1
cg23516121	0.121721	0.603236	-1.65773	0.690879	0.886541	-1.12798	0.0143697	0.402848	-2.48232	0.0154046	0.408285	-2.44927	4.77189	6.86036	1.27792	1
cg15030631	0.265215	1.26525	1.26525	0.0256784	0.584518	-1.71081	0.288817	0.800027	-1.24996	0.00243333	0.425279	-2.3514	6.30724	4.10119	0.577987	1
cg00446925	0.00708891	1.41158	1.41158	0.000831728	0.607459	-1.6462	0.275289	0.89364	-1.11902	0.0223044	1.31171	1.31171	10.0682	1.56532	0.138196	1
cg07204937	0.667557	0.963464	-1.03792	0.0260868	0.796582	-1.25536	0.145743	1.14401	1.14401	0.334595	1.0895	1.0895	6.59096	0.774543	0.104459	1
cg02681733	0.730504	0.888206	-1.12587	0.528515	1.24475	1.24475	0.669332	1.15869	1.15869	0.659449	0.858948	-1.16421	4.04338	7.52767	1.65487	1
cg00208412	0.670849	1.05387	1.05387	0.0303488	0.731652	-1.36677	0.096072	1.25148	1.25148	0.479682	0.915583	-1.0922	3.39876	0.81097	0.212096	1
cg23837845	0.284918	1.24618	1.24618	0.00671404	2.00684	2.00684	0.423718	1.17574	1.17574	0.366532	0.832091	-1.20179	4.99272	3.1045	0.552717	1
cg19701378	0.24437	1.85556	1.85556	0.0111475	0.198917	-5.02722	0.226018	0.524498	-1.90658	0.705239	1.21275	1.21275	4.10768	16.7617	3.62717	1
cg01471153	0.301612	1.28202	1.28202	0.00347881	0.398306	-2.51063	0.308681	0.783036	-1.27708	0.604517	0.885782	-1.12895	7.02928	5.99901	0.758606	1
cg09670701	0.0967898	1.32124	1.32124	0.014493	0.631084	-1.58458	0.139261	0.784135	-1.27529	0.264478	0.837165	-1.19451	6.49229	2.40121	0.328761	1
cg02700714	0.949453	0.980715	-1.01966	0.000709526	0.205076	-4.87625	0.0855658	0.557813	-1.79272	0.0150989	0.399636	-2.50228	6.43844	9.62101	1.32827	1
cg07325092	0.0294969	0.549561	-1.81963	0.114795	0.669984	-1.49257	0.704722	0.914926	-1.09298	0.776869	0.935799	-1.06861	5.95507	5.14386	0.767803	1
cg18426224	0.346983	1.23936	1.23936	0.00493316	0.43815	-2.28232	0.0257051	0.55593	-1.79879	0.0855356	0.656277	-1.52375	5.339	4.15231	0.691317	1
cg16275734	0.345442	1.9134	1.9134	0.961678	1.03261	1.03261	?	?	?	0.510981	1.56084	1.56084	4.57322	25.1217	6.27796	1
cg10861495	0.0356099	0.533197	-1.87548	0.946334	0.982842	-1.01746	0.0105908	2.28536	2.28536	0.92842	0.977164	-1.02337	3.73646	3.91178	0.930597	1
cg06030689	0.806404	0.952722	-1.04962	0.152132	1.35338	1.35338	0.00429113	0.470754	-2.12425	0.0460026	0.636941	-1.57	4.36424	2.68937	0.547759	1
cg02476674	0.205543	0.736247	-1.35824	0.719204	0.920561	-1.08629	0.0017315	0.358969	-2.78575	0.056509	0.609571	-1.6405	3.7996	3.1631	0.739983	1
cg20608329	0.00583966	0.656062	-1.52425	0.00247501	0.611791	-1.63455	0.000523359	0.53184	-1.88026	0.793923	0.96989	-1.03104	12.492	2.69832	0.192003	1
cg19178561	0.354188	1.16602	1.16602	0.274648	0.83264	-1.201	0.0539925	0.702952	-1.42257	0.159179	0.784704	-1.27437	4.17712	1.71778	0.365543	1
cg09220838	0.534972	0.920542	-1.08632	0.000331064	0.465985	-2.14599	0.470356	0.907765	-1.10161	0.820697	1.03037	1.03037	14.4235	3.96627	0.244434	1
cg20545295	0.368027	0.901488	-1.10928	6.05E-05	0.435622	-2.29557	0.040132	1.30474	1.30474	0.074686	1.24943	1.24943	12.3732	2.46526	0.177105	1
cg14756353	0.0104082	1.28734	1.28734	0.000960823	0.680451	-1.46961	0.023173	1.2368	1.2368	0.466407	0.943623	-1.05975	10.37	1.00673	0.0862946	1
cg18861827	0.256518	0.679575	-1.47151	0.0257878	0.421685	-2.37144	0.929475	1.02929	1.02929	0.477636	0.790184	-1.26553	6.4585	9.67272	1.49767	1
cg11901478	0.578915	0.953675	-1.04858	0.0663073	1.19037	1.19037	0.945511	1.0058	1.0058	0.323287	1.09015	1.09015	5.46093	0.619166	0.100783	1
cg09097697	0.000505739	0.0774258	-12.9156	0.163339	0.496426	-2.0144	0.207774	1.8687	1.8687	0.704521	0.835818	-1.19643	4.64578	16.3037	3.11943	1
cg25340675	0.00614846	0.675655	-1.48004	0.648522	0.950909	-1.05163	0.105922	0.823902	-1.21374	0.0456079	0.777698	-1.28585	3.51741	0.670228	0.169374	1
cg02604560	0.251201	1.2761	1.2761	0.639414	0.908493	-1.10072	0.141685	0.725164	-1.379	0.000179238	0.275188	-3.63388	19.205	12.5802	0.582267	1
cg12291552	0.0704298	0.63563	-1.57324	0.0146624	1.96083	1.96083	0.0204054	1.87064	1.87064	0.000573531	0.302797	-3.30254	10.6458	8.4674	0.706999	1
cg01893100	0.000145575	2.53602	2.53602	0.688473	1.05903	1.05903	0.00674055	1.6486	1.6486	0.120384	0.78682	-1.27094	9.10538	2.92077	0.285133	1
cg24506574	0.262776	0.925775	-1.08018	0.710709	0.975691	-1.02491	0.781642	0.981813	-1.01852	0.0690785	1.14381	1.14381	4.62636	0.319707	0.0614271	1
cg18098839	0.0924739	0.369072	-2.7095	0.0133007	0.191821	-5.2132	0.474073	0.675758	-1.47982	0.0164938	0.206581	-4.84072	4.18262	19.1962	4.07958	1
cg15163040	0.0503814	0.866999	-1.1534	0.00214962	0.758991	-1.31754	0.18789	1.0934	1.0934	0.589829	1.03544	1.03544	3.85787	0.250178	0.0576434	1
cg20228115	0.31106	1.15197	1.15197	0.000686643	0.496674	-2.01339	0.834305	0.972121	-1.02868	0.647791	1.06405	1.06405	3.83943	1.10796	0.25651	1
cg03208482	0.164992	1.24362	1.24362	0.0015964	0.5134	-1.9478	0.445868	1.12118	1.12118	0.1226	1.27925	1.27925	5.1619	1.77142	0.305042	1
cg24852661	0.406973	1.49712	1.49712	0.05682	2.78847	2.78847	0.0650575	2.67901	2.67901	0.65207	0.805797	-1.24101	5.71853	20.4968	3.18603	1
cg14574047	0.0580056	0.557357	-1.79418	0.844967	0.947995	-1.05486	0.0297465	2.00939	2.00939	0.348127	0.768347	-1.3015	4.34366	5.11942	1.04764	1
cg12410273	0.860206	1.09055	1.09055	0.60915	1.28861	1.28861	0.0680697	2.73116	2.73116	0.683034	0.817199	-1.22369	4.031	15.4363	3.4039	1
cg13925220	0.423161	0.860263	-1.16243	0.323452	0.828918	-1.20639	0.970918	1.00673	1.00673	0.00644083	0.521048	-1.91921	4.00047	2.14475	0.476556	1
cg20263942	0.66427	1.30545	1.30545	0.641827	0.75132	-1.33099	0.0456533	4.0499	4.0499	0.557707	0.69636	-1.43604	3.88708	22.9356	5.24486	1
cg12155841	8.23E-05	0.20105	-4.9739	0.0299046	0.561217	-1.78184	0.0328324	0.568659	-1.75852	0.000751836	0.314823	-3.17639	19.4948	15.7845	0.719715	1
cg17785781	0.0248676	0.791031	-1.26417	0.0288202	0.797471	-1.25396	0.509181	0.942907	-1.06055	0.406993	0.928238	-1.07731	7.87873	0.961699	0.1085	1
cg10956860	0.0184287	0.417314	-2.39628	0.000292259	0.164545	-6.07738	0.326112	0.733523	-1.36328	0.044605	0.494192	-2.02351	7.79158	11.5289	1.31526	1
cg08262505	0.0910978	0.80991	-1.23471	0.000214847	0.496607	-2.01366	0.255053	1.1441	1.1441	0.265843	0.87691	-1.14037	5.81544	1.18204	0.180675	1
cg02096718	0.0177014	0.741601	-1.34843	0.000570439	0.575262	-1.73834	0.876326	1.01627	1.01627	0.139194	0.847946	-1.17932	4.43091	0.753645	0.151189	1
cg04830814	0.0775824	0.580891	-1.72149	0.0631936	0.560682	-1.78354	0.789691	0.928653	-1.07683	0.648563	0.880683	-1.13548	3.70204	4.49558	1.07942	1
cg01793088	0.000487996	0.517657	-1.93178	0.461076	0.913555	-1.09462	1.08E-07	7.85973	7.85973	0.344068	1.1246	1.1246	45.7136	10.5103	0.204371	1
cg15700487	0.145903	0.671456	-1.4893	0.151227	0.675448	-1.4805	2.72E-05	8.26387	8.26387	0.648403	1.12426	1.12426	11.8627	12.2294	0.916366	1
cg04414720	0.0542221	0.46017	-2.17311	0.00131671	0.190014	-5.26278	0.193916	1.62955	1.62955	0.0531175	0.458085	-2.183	8.34194	16.6751	1.77685	1
cg01139966	0.889942	1.04853	1.04853	0.509845	0.795453	-1.25715	0.000135529	9.59719	9.59719	0.758073	0.899647	-1.11155	6.21485	11.5326	1.64947	1
cg12401651	0.577269	0.719058	-1.39071	0.167414	2.36782	2.36782	0.000970788	17.7355	17.7355	0.243017	2.04539	2.04539	4.63849	25.2039	4.82991	1
cg09365446	0.0375567	0.373528	-2.67718	0.00421896	0.209364	-4.77638	0.911023	0.955401	-1.04668	0.170781	0.551406	-1.81355	4.53029	11.9517	2.34505	1
cg13690525	0.0004993	0.526835	-1.89813	0.0940351	0.805201	-1.24193	0.106465	0.81266	-1.23053	0.02594	1.36495	1.36495	14.1821	3.11065	0.194966	1
cg27511169	0.414248	0.757383	-1.32034	0.202301	0.638765	-1.56552	0.0154236	0.371696	-2.69037	0.36358	1.36463	1.36463	7.79795	13.6913	1.56067	1
cg06320981	0.0473116	0.542488	-1.84336	0.00847608	0.404266	-2.47362	0.00191353	0.305935	-3.26866	0.0414501	0.530611	-1.88462	5.75855	6.62388	1.02246	1
cg00935894	0.157358	0.577802	-1.7307	0.101858	0.522259	-1.91476	0.0242771	0.37753	-2.64879	0.00677837	0.28001	-3.5713	5.0572	10.5398	1.85255	1
cg11075718	0.828516	0.903414	-1.10691	0.000927035	0.0986947	-10.1323	0.239399	1.78049	1.78049	0.0340007	0.313865	-3.18608	4.76162	16.535	3.08672	1
cg18029167	0.00731091	0.350628	-2.85203	0.00038303	0.17943	-5.5732	0.110762	0.59064	-1.69308	0.0749887	0.548336	-1.8237	8.91633	12.9666	1.29267	1
cg08457298	0.0324056	0.561394	-1.78128	0.000560514	0.291363	-3.43214	0.151839	0.701948	-1.42461	0.0728183	0.630468	-1.58612	7.19798	6.05695	0.747981	1
cg04843935	0.0213322	0.393483	-2.54141	0.00894987	0.325985	-3.06762	0.0413069	0.452263	-2.2111	0.0285172	0.418409	-2.39001	7.22149	12.9991	1.60005	1
cg05478291	?	?	?	0.168336	0.744922	-1.34242	0.0319925	0.604091	-1.65538	0.13632	1.37983	1.37983	13.9063	7.87761	0.566478	1
cg25601086	0.937522	1.01783	1.01783	0.00227207	0.381995	-2.61783	6.08E-05	5.30616	5.30616	0.444207	1.19223	1.19223	12.6349	10.1675	0.7153	1
cg25834419	0.178843	0.452537	-2.20976	0.00888691	0.157479	-6.35004	0.00179205	11.7844	11.7844	0.57207	0.728348	-1.37297	8.62366	42.097	4.33917	1
cg22764289	0.559184	1.27217	1.27217	0.262333	0.621046	-1.61019	0.00127016	6.79611	6.79611	0.295789	1.55562	1.55562	6.14111	16.157	2.33862	1
cg25208863	0.0762966	0.593933	-1.68369	0.854263	1.04977	1.04977	0.000518322	4.1805	4.1805	0.566983	1.16518	1.16518	5.66542	6.262	0.982492	1
cg13045266	0.550059	0.839268	-1.19151	0.16378	1.53816	1.53816	0.234599	1.43479	1.43479	0.213948	0.684433	-1.46106	4.6113	6.13205	1.18203	1
cg26077062	0.0280997	0.494746	-2.02124	0.0138983	0.438427	-2.28088	0.138496	0.648751	-1.54142	0.406058	0.794039	-1.25938	4.54526	5.29921	1.03633	1
cg15962547	0.716395	0.94505	-1.05815	0.125418	0.773427	-1.29295	0.464224	1.12232	1.12232	0.0285659	0.670186	-1.49212	43.6992	16.6089	0.337843	1
cg05807885	0.437945	0.879212	-1.13738	0.50143	1.11741	1.11741	0.00856059	1.72583	1.72583	0.653365	0.929091	-1.07632	41.705	17.4844	0.372656	1
cg02858402	0.197165	0.675332	-1.48075	0.862847	0.951435	-1.05104	0.0102916	2.53697	2.53697	0.0222982	2.2002	2.2002	10.174	13.3579	1.16706	1
cg17906339	0.782329	0.943797	-1.05955	0.240751	1.2924	1.2924	0.0382177	1.65146	1.65146	0.726771	1.07602	1.07602	7.30408	5.04594	0.614079	1
cg12210036	0.556526	0.829738	-1.2052	0.435793	0.779168	-1.28342	0.638459	1.16012	1.16012	0.798914	1.08341	1.08341	4.51145	7.0376	1.38662	1
cg26825650	0.199853	1.30216	1.30216	0.137299	0.731984	-1.36615	0.00759163	0.512036	-1.95299	0.567015	1.11941	1.11941	4.32387	2.60254	0.535022	1
cg20510272	0.439344	0.732281	-1.3656	0.375275	0.69802	-1.43262	0.0526789	2.38739	2.38739	0.954383	0.977653	-1.02286	3.62001	8.94853	2.1973	1
cg07011373	0.0732158	1.84481	1.84481	0.0954832	0.570422	-1.75309	0.065126	0.530074	-1.88653	0.555321	1.20065	1.20065	6.05537	9.01036	1.32266	1
cg00165862	0.923081	1.03339	1.03339	0.160608	0.600667	-1.66482	0.382718	0.737539	-1.35586	0.550052	0.814109	-1.22834	4.81079	8.81243	1.62827	1
cg20867633	0.247405	1.46359	1.46359	0.0797502	0.542043	-1.84487	0.120456	0.588328	-1.69973	0.847795	0.941276	-1.06239	3.74673	5.88621	1.39647	1
cg07371838	0.0238315	0.503291	-1.98692	0.0103261	0.439284	-2.27643	0.476181	1.20254	1.20254	0.0208661	0.492686	-2.02969	8.14007	8.35552	0.912417	1
ch.1.3036304F	0.9064	1.03693	1.03693	0.00276683	0.261463	-3.82463	0.157518	1.60128	1.60128	0.603922	0.850818	-1.17534	4.89222	7.20865	1.14605	1
cg07981109	2.96E-05	0.12806	-7.80885	2.11E-05	0.116241	-8.60283	0.0266778	1.93393	1.93393	?	?	?	27.1005	21.0564	0.88797	1
cg12062067	0.459403	1.13727	1.13727	0.990486	1.00204	1.00204	0.532208	0.897596	-1.11409	0.0321362	0.651437	-1.53507	4.05025	1.87036	0.410478	1
cg08229522	0.174259	0.584327	-1.71137	0.0090482	0.29131	-3.43277	0.618053	0.829548	-1.20548	0.0541473	0.443745	-2.25355	3.57933	7.83456	1.94563	1
cg22367970	0.00137297	0.244649	-4.08749	0.481445	0.80493	-1.24234	0.291908	1.39324	1.39324	0.426811	0.781874	-1.27898	9.88747	14.4015	1.29471	1
cg04607246	0.139131	0.526431	-1.89958	0.00185027	0.168405	-5.93806	0.279572	0.635658	-1.57317	0.0525775	0.411355	-2.43099	5.03469	12.9545	2.28715	1
cg01609000	0.00348348	0.355378	-2.8139	0.000252889	0.207201	-4.82623	0.571354	1.16099	1.16099	0.0120527	0.441752	-2.26371	8.51597	9.18439	0.958658	1
cg23172864	0.563409	0.896019	-1.11605	0.000122665	0.283731	-3.52447	0.00334657	0.472146	-2.11799	0.123407	0.730761	-1.36844	7.78757	4.35724	0.497345	1
cg01717535	0.03433	0.603373	-1.65735	0.212594	0.7644	-1.30822	0.389983	0.835041	-1.19755	0.0113459	0.522708	-1.91311	5.34526	3.5455	0.589598	1
cg18181975	0.214163	0.683847	-1.46232	0.295329	0.729539	-1.37073	0.389435	1.29211	1.29211	0.10766	0.600407	-1.66554	3.95297	5.2859	1.18862	1
cg23610752	0.148514	0.754078	-1.32612	0.75901	0.945496	-1.05765	0.433495	1.1567	1.1567	0.0169894	0.588507	-1.69922	7.62733	4.00748	0.467032	1
cg04892409	0.0485837	1.23174	1.23174	0.037841	0.800286	-1.24955	0.00367923	1.43798	1.43798	0.0100297	1.35079	1.35079	8.13663	1.10294	0.120491	1
cg13370746	0.29259	1.25966	1.25966	0.213616	0.758154	-1.31899	0.103072	1.45792	1.45792	0.0193438	0.549918	-1.81845	4.89311	3.46388	0.629254	1
cg17455183	0.0480658	0.813666	-1.22901	0.195277	0.88249	-1.13316	0.225682	1.12312	1.12312	0.412213	1.07952	1.07952	3.97866	0.52479	0.117245	1
cg12900666	6.85E-08	0.174012	-5.74675	3.90E-08	0.152839	-6.54283	7.29E-05	0.498786	-2.00487	1.02E-06	0.290899	-3.43761	121.148	17.8207	0.130754	1
cg25860793	0.742079	0.95965	-1.04205	0.465096	0.911452	-1.09715	0.00797846	1.52822	1.52822	0.632518	0.941687	-1.06192	10.2825	2.53288	0.21896	1
cg07706279	0.189086	0.796205	-1.25596	0.834971	0.966405	-1.03476	2.32E-05	0.250176	-3.99718	0.0976005	1.34682	1.34682	11.3115	4.80703	0.377749	1
cg15427774	0.733322	1.10097	1.10097	0.0208768	0.457491	-2.18584	0.335406	0.756238	-1.32234	4.19E-05	0.111508	-8.96795	9.48656	11.8862	1.11373	1
cg26331595	0.532615	0.822649	-1.21559	0.688574	1.13252	1.13252	0.733185	1.11148	1.11148	0.830767	1.06834	1.06834	7.4402	11.2422	1.34312	1
cg09837385	0.319282	1.16821	1.16821	0.00173961	0.509413	-1.96304	0.0125435	0.625601	-1.59846	0.805685	1.03793	1.03793	5.97807	2.16038	0.32123	1
cg16811230	0.214298	0.775007	-1.29031	0.00382813	0.467641	-2.13839	0.410086	1.17848	1.17848	0.909041	0.977966	-1.02253	5.23124	3.14882	0.535046	1
cg23627083	0.158268	0.645434	-1.54934	0.00107851	0.246277	-4.06046	0.000340374	0.187275	-5.33974	0.55468	0.840753	-1.18941	9.46601	12.6321	1.1862	1
cg01095157	0.0402732	0.252861	-3.95474	0.00408493	0.106869	-9.35729	0.00195323	0.0787536	-12.6978	0.0179702	0.188555	-5.30348	6.65248	35.4769	4.74035	1
cg25189241	0.261679	1.66626	1.66626	0.063781	0.40293	-2.48182	0.0966714	0.451344	-2.21561	0.632247	1.23408	1.23408	5.13445	15.4737	2.67885	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09503780	GORASP2	0.0280022	0.775666	0.933556	-1.07117	0.706075	1.09546	1.09546	0.385726	1.23861	1.23861	0.00100229	0.308695	-3.23944	0.538265	1.16178	1.16178
cg06212631	GORASP2	0.0382235	0.228248	0.839331	-1.19143	0.0748912	0.759767	-1.31619	0.638297	0.936527	-1.06777	0.0457749	1.3732	1.3732	0.0503279	0.734188	-1.36205
cg10672884	GORASP2	0.0418309	0.792831	1.02849	1.02849	0.706249	1.04124	1.04124	0.0382084	1.29228	1.29228	0.833034	1.02279	1.02279	0.549772	0.937447	-1.06673
cg15617548	GORASP2;GORASP2	0.0287124	0.0300255	0.639301	-1.56421	0.0103788	0.567898	-1.76088	0.0288347	0.636475	-1.57115	0.401323	1.1625	1.1625	0.485287	0.883119	-1.13235
cg17624310	GOSR1;GOSR1;GOSR1	0.00247449	0.0944612	0.614	-1.62867	0.000581477	0.243764	-4.10233	0.00327898	0.345333	-2.89575	0.238427	0.720621	-1.38769	0.00117091	0.282492	-3.53992
cg00940577	GOSR1;GOSR1;GOSR1	0.0162562	0.587929	0.820338	-1.21901	0.207725	0.618237	-1.6175	0.0116686	0.319517	-3.12973	0.111323	1.87361	1.87361	0.00483115	0.258418	-3.8697
cg14059221	GOSR1;GOSR1;GOSR1	0.0184305	0.00907298	0.147738	-6.76873	0.00403456	0.107809	-9.27567	0.0151887	0.179086	-5.58392	0.404959	0.61176	-1.63463	0.00652348	0.130221	-7.67926
cg06096245	GOSR2;GOSR2	0.00368451	0.4753	0.814063	-1.22841	0.253731	0.713371	-1.4018	0.147097	1.55411	1.55411	0.52162	0.831881	-1.20209	0.286923	1.36799	1.36799
cg21239660	GOSR2;GOSR2;GOSR2	0.00472096	0.235663	1.13755	1.13755	0.00609761	0.689873	-1.44954	0.00216572	0.639969	-1.56257	0.0299583	1.30318	1.30318	0.135143	0.846185	-1.18178
cg09562639	GOSR2;GOSR2;GOSR2	0.00746965	0.514921	0.772173	-1.29505	0.820312	1.09317	1.09317	0.0588675	0.433696	-2.30576	0.670186	0.845573	-1.18263	0.00531082	4.21369	4.21369
cg07144085	GOSR2;GOSR2;GOSR2	0.00777227	0.523973	0.945312	-1.05785	0.000253581	1.69063	1.69063	0.0167679	1.28946	1.28946	0.0470427	1.21889	1.21889	0.790913	0.977125	-1.02341
cg26937061	GOSR2;GOSR2;GOSR2	0.0128945	0.15252	0.719373	-1.3901	0.839956	0.957469	-1.04442	0.00231757	0.400698	-2.49565	0.0293057	0.575893	-1.73644	0.654919	1.10152	1.10152
cg16759221	GOSR2;GOSR2;GOSR2	0.0131699	0.0875577	0.509275	-1.96358	0.00420304	0.253671	-3.94211	0.0154799	0.345536	-2.89405	0.0438281	0.436509	-2.2909	0.00694915	0.286635	-3.48876
cg21637282	GOSR2;GOSR2;GOSR2	0.0284085	0.705353	1.02899	1.02899	0.98739	1.00119	1.00119	0.141386	1.12636	1.12636	0.989199	0.998982	-1.00102	0.509145	1.05168	1.05168
cg10239816	GOT1	0.00511499	0.723361	0.947358	-1.05557	0.15136	1.26355	1.26355	0.138767	1.2744	1.2744	0.179021	1.2426	1.2426	0.975118	1.00476	1.00476
cg20539690	GOT1	0.018018	0.00450052	0.713009	-1.40251	0.57115	0.950159	-1.05246	0.903775	0.989255	-1.01086	0.0781955	0.83963	-1.191	0.347215	0.917171	-1.09031
cg17519570	GOT1	0.0281301	0.899407	1.01509	1.01509	0.072403	0.788626	-1.26803	0.0158965	0.704837	-1.41877	0.657112	1.05434	1.05434	0.0111311	1.45782	1.45782
cg12626639	GOT1	0.0402132	0.00163385	0.229923	-4.34928	0.840809	0.936577	-1.06772	0.336239	0.723936	-1.38134	0.0282464	0.429995	-2.32561	0.618071	0.848938	-1.17794
cg01158937	GOT1;GOT1	0.000118409	0.000303699	0.732362	-1.36545	8.34E-05	1.45611	1.45611	0.00126418	0.779055	-1.28361	0.00489044	0.820448	-1.21885	0.00601153	0.82657	-1.20982
cg25683397	GOT1;GOT1	0.0468358	0.974269	1.00428	1.00428	0.0408194	1.36684	1.36684	0.378772	0.887347	-1.12696	0.338363	0.877544	-1.13954	0.0418818	0.733159	-1.36396
cg14825683	GOT1L1	0.00850982	0.00562313	0.457289	-2.1868	0.0289389	0.574435	-1.74084	0.0666733	0.642346	-1.55679	0.0505411	1.61558	1.61558	0.00386702	0.432687	-2.31114
cg20154938	GOT1L1	0.0107047	0.0209281	0.419484	-2.38388	0.0085379	0.350229	-2.85527	0.00770947	0.342918	-2.91615	0.0854095	0.551845	-1.8121	0.308636	1.39017	1.39017
cg23545906	GOT1L1	0.0197906	0.0160057	0.339282	-2.9474	0.0176264	0.347002	-2.88182	0.212076	0.617647	-1.61905	0.220936	0.623947	-1.6027	0.00415696	0.24459	-4.08848
cg08805386	GOT1L1	0.0224515	0.0563952	0.447741	-2.23343	0.00723026	0.275494	-3.62985	0.0671066	0.46612	-2.14537	0.682116	0.857978	-1.16553	0.0201473	0.352578	-2.83625
cg20600916	GOT1L1	0.0303469	0.0724095	0.259173	-3.85843	0.123517	0.3251	-3.07598	0.0210859	0.15438	-6.47754	0.147873	0.351465	-2.84524	0.00890775	0.106303	-9.40703
cg10925364	GOT1L1	0.0345439	0.0173556	0.390972	-2.55773	0.0130052	0.368268	-2.71541	0.0151189	0.379985	-2.63168	0.443012	0.776058	-1.28856	0.0137989	0.372843	-2.68209
cg06070269	GOT2	0.00441285	0.937424	1.02354	1.02354	0.309002	0.732028	-1.36607	0.0150683	0.412686	-2.42315	0.295145	1.37943	1.37943	0.000289731	0.173522	-5.76296
cg08987251	GOT2	0.017307	0.000330931	0.0975156	-10.2548	0.788013	1.11433	1.11433	0.0857631	0.466399	-2.14409	0.100083	0.484952	-2.06206	0.328595	0.666974	-1.49931
cg08950929	GOT2	0.0208571	0.662242	0.949077	-1.05366	0.000360488	1.97453	1.97453	0.192258	1.17835	1.17835	0.842388	1.02395	1.02395	0.153139	1.1995	1.1995
cg08578141	GOT2	0.0274724	0.403464	0.903124	-1.10727	0.0903782	0.800592	-1.24908	0.0580002	0.774607	-1.29098	0.123378	0.819617	-1.22008	0.00455486	0.637412	-1.56884
cg06624121	GOT2	0.037922	0.303069	0.609477	-1.64075	0.0228189	0.282387	-3.54124	0.135717	0.47411	-2.10922	0.101465	0.435041	-2.29863	0.00209632	0.134143	-7.45473
cg25526759	GP1BA	0.0198735	0.108173	0.693324	-1.44233	0.330693	0.81079	-1.23337	0.363297	0.822634	-1.21561	0.000424405	0.311446	-3.21083	0.0381752	0.605263	-1.65218
cg03451731	GP1BA	0.0205265	0.741535	1.0827	1.0827	0.000989786	0.308821	-3.23812	0.00637431	0.42642	-2.34511	0.332545	1.27123	1.27123	0.284515	0.765746	-1.30592
cg07892449	GP1BA;GP1BA	0.000908077	0.0156512	0.661197	-1.51241	0.0307063	0.703365	-1.42174	0.00231317	0.544589	-1.83625	0.564216	0.92413	-1.0821	0.00149387	0.518189	-1.9298
cg04432599	GP1BA;GP1BA	0.041038	0.0493914	0.273109	-3.66154	0.322174	0.553297	-1.80735	0.0357359	0.243107	-4.11341	0.0345904	0.240271	-4.16197	0.00639361	0.128294	-7.79458
cg11414921	GP1BB;SEPT5	0.0127417	0.132467	2.07836	2.07836	0.0678222	2.51378	2.51378	0.822156	0.903526	-1.10677	0.142669	2.03408	2.03408	0.0465847	2.79261	2.79261
cg07359545	GP1BB;SEPT5	0.0186066	0.0935458	1.85303	1.85303	0.240963	1.50762	1.50762	0.34449	1.38493	1.38493	0.436264	1.30424	1.30424	0.00920594	3.02148	3.02148
cg01162507	GP2;GP2;GP2;GP2	0.00495584	0.925486	0.983782	-1.01649	0.134268	1.32611	1.32611	0.0294621	0.638792	-1.56546	0.458806	0.876473	-1.14094	0.00195034	0.465	-2.15054
cg02936347	GP2;GP2;GP2;GP2	0.022396	0.3788	0.642735	-1.55585	0.0325801	0.293907	-3.40243	0.0653433	0.363227	-2.7531	0.28155	0.578184	-1.72955	0.0120838	0.216133	-4.62677
cg19238840	GP2;GP2;GP2;GP2	0.0400842	0.182098	0.438548	-2.28025	0.00317641	0.0958196	-10.4363	0.0589916	0.289072	-3.45934	0.115292	0.369153	-2.7089	0.0207104	0.197677	-5.05875
cg00834899	GP5	0.000732	0.000349501	0.213167	-4.69117	0.0110563	0.424466	-2.3559	0.00132864	0.285046	-3.50821	0.0088033	0.407803	-2.45217	0.00196148	0.308242	-3.2442
cg10658438	GP5	0.00341131	0.278365	1.26447	1.26447	0.0188088	1.80855	1.80855	0.00605874	0.474166	-2.10897	0.381016	1.2057	1.2057	0.0180987	0.550128	-1.81776
cg03022680	GP5	0.0119587	0.0323602	6.75255	6.75255	0.0679171	4.75225	4.75225	0.79536	1.21911	1.21911	0.266476	2.41709	2.41709	0.0311327	6.87783	6.87783
cg03492634	GP5	0.018694	0.109943	0.387542	-2.58037	0.00249534	0.101687	-9.83414	0.209937	0.487315	-2.05206	0.395412	0.622806	-1.60564	0.00729637	0.152229	-6.56903
cg15992420	GP5	0.0199285	0.0417767	7.5469	7.5469	0.344914	2.31146	2.31146	0.500191	1.80293	1.80293	0.239541	2.88859	2.88859	0.0273914	9.46554	9.46554
cg05713794	GP5	0.0250726	0.00753445	0.681886	-1.46652	0.0294693	0.751639	-1.33043	0.0231251	0.739032	-1.35312	0.112858	0.825169	-1.21187	0.0064997	0.674442	-1.48271
cg18179931	GP5	0.0470954	0.0403922	9.53015	9.53015	0.0327781	10.7856	10.7856	0.236232	3.26038	3.26038	0.538297	1.80998	1.80998	0.0177376	15.5744	15.5744
cg02462353	GP6;GP6	6.54E-05	0.176181	0.786326	-1.27174	0.000300296	2.67223	2.67223	0.452218	0.879837	-1.13657	0.746557	1.0557	1.0557	6.23E-05	0.291312	-3.43274
cg17750896	GP6;GP6	0.000465674	0.443978	0.85663	-1.16737	0.00184252	0.416043	-2.4036	0.0180883	0.565932	-1.767	0.591579	1.11338	1.11338	2.25E-05	0.185462	-5.39193
cg05215830	GP6;GP6	0.00451722	0.810196	0.949806	-1.05285	0.00526415	2.19796	2.19796	0.00128455	0.366233	-2.73051	0.411561	0.835516	-1.19687	0.0614361	0.637003	-1.56985
cg23796967	GP6;GP6	0.00458773	0.425633	0.753575	-1.32701	0.076275	1.98557	1.98557	0.00900901	0.315127	-3.17332	0.131217	0.56739	-1.76246	0.00266058	0.235705	-4.24259
cg25818583	GP6;GP6	0.00755248	0.106746	0.555696	-1.79954	0.0204272	2.53995	2.53995	0.368663	0.734881	-1.36076	0.727617	1.12373	1.12373	0.0238982	0.406907	-2.45756
cg20651389	GP6;GP6	0.00954002	0.308649	0.837958	-1.19338	0.00870958	0.570723	-1.75216	0.114138	0.749501	-1.33422	0.691658	0.935304	-1.06917	0.400448	1.15535	1.15535
cg05374025	GP6;GP6	0.00982173	0.522022	1.19553	1.19553	0.00373454	2.93805	2.93805	0.13363	0.640655	-1.5609	0.104852	0.613974	-1.62873	0.0181471	0.454035	-2.20247
cg03707118	GP6;GP6	0.0107799	0.0324548	0.337443	-2.96346	0.435613	0.708132	-1.41217	0.00140105	0.134286	-7.4468	0.157271	0.518791	-1.92756	0.00181355	0.146012	-6.84874
cg18355337	GP6;GP6	0.0157583	0.275643	1.67543	1.67543	0.394405	1.48728	1.48728	0.0232795	3.43476	3.43476	0.0906073	0.428089	-2.33596	0.48258	1.38368	1.38368
cg19589161	GP6;GP6	0.028049	0.0380754	0.515327	-1.94051	0.0688717	1.75312	1.75312	0.0356811	0.509619	-1.96225	0.351069	1.30296	1.30296	0.638224	0.877582	-1.13949
cg07280985	GP6;GP6	0.0305748	0.389085	0.561786	-1.78004	0.603304	1.40847	1.40847	0.144399	0.359049	-2.78513	0.208371	0.420426	-2.37854	0.00575316	0.0939983	-10.6385
cg27154418	GP6;GP6	0.0362708	0.290483	0.371312	-2.69316	0.0230476	0.0859019	-11.6412	0.0372547	0.112643	-8.87763	0.870492	1.15876	1.15876	0.0149249	0.066982	-14.9294
cg25221704	GP9	0.0125052	0.949651	1.00942	1.00942	0.0031364	1.82113	1.82113	0.210904	0.822285	-1.21612	0.91166	0.983661	-1.01661	0.0437188	1.41077	1.41077
cg00088464	GP9	0.0199775	0.394664	1.49047	1.49047	0.0889641	0.423686	-2.36024	0.00859279	0.215607	-4.63808	0.905117	0.946875	-1.05611	0.00616116	0.194821	-5.13293
cg12063241	GPA33	0.00197231	0.053278	1.49482	1.49482	0.0688976	1.4517	1.4517	0.0644621	0.683644	-1.46275	0.000238046	3.0475	3.0475	0.248903	1.2469	1.2469
cg24987706	GPA33	0.00199372	0.559147	1.09063	1.09063	0.187826	0.81465	-1.22752	0.835153	0.969858	-1.03108	4.39E-05	0.320446	-3.12065	0.705478	0.945759	-1.05735
cg02908963	GPA33	0.00442738	0.796824	0.933006	-1.0718	0.132476	0.646408	-1.54701	0.0472336	0.543234	-1.84083	0.0113028	0.426279	-2.34588	0.000237504	0.194697	-5.1362
cg01607187	GPA33	0.0061219	0.928296	0.98254	-1.01777	0.000953037	0.381528	-2.62104	0.000897228	0.378007	-2.64545	0.531221	1.13215	1.13215	0.433552	0.855228	-1.16928
cg06665322	GPA33	0.00990015	0.54803	1.1546	1.1546	0.00235311	0.366541	-2.72821	0.00491019	0.414204	-2.41427	0.104722	1.52096	1.52096	0.0395508	0.569497	-1.75594
cg23285732	GPAA1	3.56E-05	0.000124057	0.485473	-2.05985	7.64E-05	0.461061	-2.16891	0.000583367	0.563142	-1.77575	0.0571885	0.792657	-1.26158	0.0790806	1.23437	1.23437
cg17943017	GPAA1	0.00883943	0.761805	0.973368	-1.02736	0.391328	0.924979	-1.08111	0.0388878	1.23654	1.23654	0.0131334	0.761033	-1.314	0.518635	1.05982	1.05982
cg08020051	GPAA1	0.019551	0.0092301	1.53248	1.53248	0.323729	1.14072	1.14072	0.703376	0.951782	-1.05066	0.920497	1.01298	1.01298	0.0289601	0.717047	-1.39461
cg25290227	GPAM	0.000531491	0.340909	1.31934	1.31934	0.000112907	0.147317	-6.7881	0.37148	1.29578	1.29578	0.0254626	0.472454	-2.11661	0.00522894	0.353348	-2.83007
cg03833257	GPAM	0.0114213	0.334747	1.30602	1.30602	0.151089	1.51121	1.51121	0.272868	0.736186	-1.35835	0.853631	1.05081	1.05081	0.000211015	0.189645	-5.273
cg23650686	GPAM	0.0118561	0.111457	0.774774	-1.2907	0.00529922	0.582206	-1.7176	0.279487	0.847477	-1.17997	0.0307877	0.688413	-1.45262	0.3431	0.866094	-1.15461
cg11888270	GPAM	0.0139559	0.0138007	0.290348	-3.44414	0.00271774	0.185947	-5.37787	0.0127427	0.284357	-3.51671	0.658632	0.834722	-1.198	0.0244972	0.336627	-2.97065
cg20106465	GPAM	0.0333899	0.202463	1.52796	1.52796	0.0526843	0.499623	-2.00151	0.00793687	0.342181	-2.92243	0.831546	1.06941	1.06941	0.0137653	0.383132	-2.61007
cg24677674	GPAM;GPAM	0.013381	0.326027	1.07705	1.07705	0.505534	1.0507	1.0507	0.0962308	1.14306	1.14306	0.00259683	1.35725	1.35725	0.00406032	1.3263	1.3263
cg10108208	GPATCH1	0.000162398	1.56E-05	0.133886	-7.46902	0.00326128	0.405383	-2.4668	0.0677652	0.630902	-1.58503	0.283684	1.28497	1.28497	3.19E-05	0.161585	-6.1887
cg04177517	GPATCH1	0.00177877	0.000682163	0.32465	-3.08024	0.795639	1.05788	1.05788	0.170368	1.37234	1.37234	0.842198	1.04416	1.04416	0.000144588	0.241987	-4.13245
cg06370795	GPATCH1	0.00243449	0.0529588	0.525247	-1.90386	0.461811	0.803073	-1.24522	5.33E-05	0.109952	-9.0949	0.0628679	0.541896	-1.84537	0.228577	0.69077	-1.44766
cg04513227	GPATCH1	0.0417245	0.585268	1.14292	1.14292	0.553849	1.15624	1.15624	0.00361412	2.59831	2.59831	0.0290412	1.86596	1.86596	0.664251	1.11168	1.11168
cg25328477	GPATCH1;GPATCH1	0.00867032	0.118093	0.747985	-1.33693	0.216982	1.24893	1.24893	0.0154364	1.66286	1.66286	0.191276	0.789181	-1.26714	0.492828	0.887643	-1.12658
cg17471527	GPATCH2	0.00161968	0.346021	0.818829	-1.22126	0.478406	1.16002	1.16002	0.0101226	0.512634	-1.95071	0.265278	0.787325	-1.27012	0.000121373	0.250944	-3.98495
cg00778880	GPATCH2;SPATA17	0.0281855	0.0126508	0.184008	-5.43455	0.0323181	0.254414	-3.9306	0.230536	0.503113	-1.98762	0.320781	0.571072	-1.75109	0.0172043	0.204887	-4.88073
cg16991868	GPATCH3	3.90E-05	0.00908955	2.00162	2.00162	6.26E-05	0.213604	-4.68156	0.00262311	0.41806	-2.392	0.00062287	0.332213	-3.01012	0.0649973	1.54312	1.54312
cg17796198	GPATCH3	0.000359387	0.484278	0.828992	-1.20628	0.000188715	0.189852	-5.26726	0.508055	0.837637	-1.19383	0.00972113	0.421904	-2.37021	0.00175212	0.308274	-3.24387
cg03952248	GPATCH3	0.00057793	4.02E-05	7.26626	7.26626	0.851356	1.04858	1.04858	0.981106	0.994029	-1.00601	0.700012	1.10287	1.10287	0.0376795	1.83983	1.83983
cg12798061	GPATCH3	0.00136393	0.00340148	0.411859	-2.42801	0.00364503	0.416329	-2.40195	0.579368	0.882714	-1.13287	0.0387278	0.586639	-1.70463	0.00101969	0.337797	-2.96035
cg00067058	GPATCH3	0.0024724	0.716303	1.02398	1.02398	0.0548666	1.15189	1.15189	0.268065	1.0778	1.0778	0.000156441	1.52236	1.52236	0.00335568	0.771685	-1.29587
cg04127455	GPATCH4;GPATCH4	0.000265645	0.000716159	0.337798	-2.96035	0.00146929	2.63133	2.63133	0.607438	0.89656	-1.11537	0.00494538	2.1909	2.1909	6.53E-05	0.213429	-4.68539
cg06957169	GPATCH4;GPATCH4	0.00792097	0.275867	0.898884	-1.11249	0.315798	1.10246	1.10246	0.865492	1.01607	1.01607	0.0196924	0.767253	-1.30335	0.016778	0.759956	-1.31586
cg11192022	GPATCH4;GPATCH4	0.0100941	0.00586298	0.643633	-1.55368	0.024542	1.38714	1.38714	0.00587886	1.55333	1.55333	0.117158	1.23114	1.23114	0.479869	1.09171	1.09171
cg21689812	GPATCH4;GPATCH4	0.0163892	0.625694	1.11405	1.11405	0.771394	0.938002	-1.0661	0.887625	1.03155	1.03155	0.127513	0.696267	-1.43623	0.0874533	1.51359	1.51359
cg24594293	GPATCH4;GPATCH4	0.0167263	0.163399	0.565443	-1.76852	0.000664638	0.135708	-7.36877	0.127204	0.531411	-1.88178	0.146672	1.81681	1.81681	0.112623	0.515832	-1.93861
cg14277848	GPATCH4;GPATCH4	0.0204302	?	?	?	0.289885	0.837671	-1.19379	0.0360014	1.48187	1.48187	0.510094	0.897862	-1.11376	0.469526	0.888119	-1.12598
cg24041872	GPATCH4;GPATCH4	0.0348054	0.036315	0.716918	-1.39486	0.779439	0.962337	-1.03914	0.0047311	1.67048	1.67048	0.468304	0.904021	-1.10617	0.145279	0.807463	-1.23845
cg07895381	GPATCH8	0.00494593	0.23198	1.4435	1.4435	0.00038342	0.190163	-5.25863	0.0028895	0.301324	-3.31869	0.632476	1.15153	1.15153	0.829873	0.938937	-1.06503
cg08126815	GPATCH8	0.00498591	0.0732878	1.54222	1.54222	0.000135869	0.238698	-4.18939	0.165649	1.37811	1.37811	0.359029	1.227	1.227	0.378257	1.21664	1.21664
cg01348970	GPATCH8	0.007388	0.865249	0.922797	-1.08366	0.833003	0.904942	-1.10504	0.0101591	0.215759	-4.63481	0.823089	1.11174	1.11174	0.000129196	0.0429804	-23.2664
cg19170156	GPATCH8	0.0167209	0.131663	0.652633	-1.53226	0.151865	1.49567	1.49567	0.0981188	1.60924	1.60924	0.521999	0.84352	-1.18551	0.226378	0.716704	-1.39528
cg04558658	GPATCH8	0.0201503	0.0357442	0.28905	-3.4596	0.0232091	0.252014	-3.96804	0.0263552	0.262435	-3.81047	0.180847	0.485949	-2.05783	0.013343	0.210784	-4.7442
cg03599891	GPATCH8	0.0242749	0.0179377	0.150216	-6.65706	0.105468	0.311704	-3.20817	0.597184	0.703641	-1.42118	0.201072	0.410686	-2.43495	0.00801693	0.106548	-9.38546
cg26969942	GPATCH8;GPATCH8	0.0209156	0.000758532	0.257953	-3.87667	0.796867	1.07087	1.07087	0.14904	1.50796	1.50796	0.968845	0.989686	-1.01042	0.913711	1.02919	1.02919
cg20655350	GPBAR1;GPBAR1;GPBAR1	0.0350331	0.00974787	0.340843	-2.9339	0.164711	1.62917	1.62917	0.485682	0.791943	-1.26272	0.279884	0.690818	-1.44756	0.717846	0.887381	-1.12691
cg02116437	GPBAR1;GPBAR1;GPBAR1	0.038337	0.303099	0.729321	-1.37114	0.0295871	2.13388	2.13388	0.79879	1.07852	1.07852	0.553893	0.837628	-1.19385	0.0121788	0.396751	-2.52047
cg07025471	GPBP1;GPBP1	0.000308523	0.00553909	0.642155	-1.55726	0.000604418	1.90141	1.90141	0.00447438	1.58509	1.58509	0.736848	1.04183	1.04183	0.46888	1.09368	1.09368
cg10668150	GPBP1;GPBP1	0.00998404	0.57131	0.881448	-1.1345	0.512659	1.15773	1.15773	0.0263882	1.78741	1.78741	0.280429	0.780772	-1.28078	0.125466	0.693666	-1.44162
cg20728685	GPBP1;GPBP1	0.0137443	?	?	?	0.0242219	0.249932	-4.00109	0.00758915	0.141353	-7.07448	0.411094	1.43347	1.43347	?	?	?
cg01390346	GPBP1;GPBP1	0.0191487	0.0513845	1.24601	1.24601	0.00517197	1.44203	1.44203	0.535249	1.06424	1.06424	0.735145	0.966892	-1.03424	0.0498241	1.24838	1.24838
cg16371341	GPBP1;GPBP1	0.0427786	0.305022	0.761696	-1.31286	0.711912	1.09972	1.09972	0.51604	0.844708	-1.18384	0.26276	1.34882	1.34882	0.105058	1.57445	1.57445
cg03568453	GPBP1;GPBP1;GPBP1	0.000897383	0.000123697	0.440557	-2.26985	0.0612289	0.772382	-1.2947	0.205843	0.849237	-1.17753	0.0209501	0.711643	-1.4052	0.25617	0.864902	-1.1562
cg09581413	GPBP1;GPBP1;GPBP1	0.00945858	0.484085	1.16787	1.16787	0.830662	1.04784	1.04784	0.383146	0.822701	-1.21551	0.72262	1.08088	1.08088	0.000440691	0.297829	-3.35763
cg20745925	GPBP1;GPBP1;GPBP1	0.0131489	0.315252	0.771603	-1.296	0.484189	0.837348	-1.19425	0.200775	0.713626	-1.40129	0.419555	1.22867	1.22867	0.00617896	0.409965	-2.43924
cg18518111	GPBP1;GPBP1;GPBP1	0.0161947	0.400356	0.821366	-1.21748	0.0187096	0.521322	-1.9182	0.00702395	0.45081	-2.21823	0.701149	1.09215	1.09215	0.48188	0.849249	-1.17751
cg17790372	GPBP1;GPBP1;GPBP1	0.0359586	0.599831	1.13723	1.13723	0.0369105	0.555022	-1.80173	0.088146	0.633108	-1.57951	0.149802	0.687225	-1.45513	0.0244473	1.91793	1.91793
cg13917023	GPBP1L1	0.000240018	0.489313	0.930549	-1.07463	5.75E-06	0.35124	-2.84706	0.000889331	0.600388	-1.66559	0.0504234	1.25674	1.25674	0.613805	1.05353	1.05353
cg22880518	GPBP1L1	0.0328444	0.191875	2.72015	2.72015	0.0354688	6.05452	6.05452	0.00971049	11.4698	11.4698	0.0226313	0.133081	-7.51424	0.310162	2.13395	2.13395
cg18947720	GPBP1L1	0.0419017	0.187413	0.722053	-1.38494	0.771771	0.934456	-1.07014	0.517923	1.16507	1.16507	0.0188508	0.515265	-1.94075	0.103182	0.66002	-1.51511
cg05930162	GPBP1L1;GPBP1L1	0.0447756	0.315952	0.922781	-1.08368	0.00908931	1.29294	1.29294	0.0670669	1.17245	1.17245	0.970551	1.00287	1.00287	0.256089	1.09624	1.09624
cg21879648	GPC1	0.000149658	0.00206887	0.410628	-2.4353	0.912474	0.97769	-1.02282	0.301454	0.80277	-1.24569	8.18E-05	0.232894	-4.29381	1.48E-05	0.157973	-6.3302
cg02593227	GPC1	0.00157681	0.00795277	0.537912	-1.85904	0.0879757	1.40934	1.40934	0.126025	1.3521	1.3521	0.0229636	1.64163	1.64163	0.00259607	0.467459	-2.13922
cg17676994	GPC1	0.00483134	0.0576877	2.17571	2.17571	0.101491	0.52235	-1.91442	0.722569	0.878873	-1.13782	0.0217609	2.71157	2.71157	0.00930103	0.302676	-3.30387
cg08347226	GPC1	0.00506183	0.0436249	0.652837	-1.53178	0.00502128	0.50545	-1.97843	0.0650193	0.683277	-1.46354	0.529011	1.12439	1.12439	0.00117524	0.416762	-2.39945
cg13393505	GPC1	0.00631907	0.0418492	0.441426	-2.26539	0.577365	1.21684	1.21684	0.703715	0.875279	-1.14249	0.206372	1.59148	1.59148	0.00129856	0.195276	-5.12095
cg20094506	GPC1	0.00679533	0.00498784	2.92872	2.92872	0.0716881	1.78869	1.78869	0.169181	1.52734	1.52734	0.0414725	1.97357	1.97357	0.000995568	0.243204	-4.11178
cg01007483	GPC1	0.00911699	0.0166213	0.404468	-2.47238	0.0382798	2.10241	2.10241	0.828623	0.935107	-1.0694	0.221218	1.48882	1.48882	0.0202048	0.420267	-2.37944
cg08748373	GPC1	0.0112798	0.118853	0.692838	-1.44334	0.513839	0.867613	-1.15259	0.461765	1.17443	1.17443	0.195747	1.34363	1.34363	0.814942	0.951044	-1.05148
cg26128123	GPC1	0.0133851	0.168028	1.3632	1.3632	0.00269965	2.39684	2.39684	0.0376209	1.66298	1.66298	0.134743	1.40503	1.40503	0.495099	1.1573	1.1573
cg00441027	GPC1	0.0159943	0.379123	0.793553	-1.26015	0.347177	1.28155	1.28155	0.0425894	1.81905	1.81905	0.161846	0.681943	-1.4664	0.000550342	0.252857	-3.9548
cg05530403	GPC1	0.0160627	0.814495	0.946979	-1.05599	0.00126693	0.336127	-2.97507	0.235105	0.749432	-1.33434	0.00747194	0.450094	-2.22176	0.258559	0.760914	-1.31421
cg14805932	GPC1	0.0236684	0.462224	1.08324	1.08324	0.0377954	1.29351	1.29351	0.317841	1.11662	1.11662	0.585633	0.942882	-1.06058	0.229623	0.874002	-1.14416
cg05087722	GPC1	0.0329523	0.218539	0.709366	-1.40971	0.0257509	0.495255	-2.01916	0.00222689	0.320891	-3.11632	0.591463	0.866098	-1.1546	0.0951132	0.614714	-1.62677
cg10764101	GPC1	0.0422673	0.0364213	0.292273	-3.42146	0.0919451	0.391262	-2.55583	0.98218	1.01136	1.01136	0.313874	0.590471	-1.69356	0.0327528	0.282662	-3.53779
cg13921324	GPC2	0.00187967	0.31259	1.1481	1.1481	0.0352978	1.38283	1.38283	8.88E-05	2.52948	2.52948	0.473213	1.10126	1.10126	0.622503	0.936496	-1.06781
cg01942863	GPC2	0.018643	0.0796398	0.326448	-3.06327	0.00375335	9.5021	9.5021	0.0543635	3.51249	3.51249	0.101789	2.8032	2.8032	0.323348	0.555983	-1.79862
cg19629818	GPC2	0.0335774	0.0029213	0.186265	-5.36871	0.543801	0.776814	-1.28731	0.491387	0.750314	-1.33277	0.370151	0.685048	-1.45975	0.075983	0.444131	-2.25159
cg18090197	GPC2	0.0411344	0.123781	0.661603	-1.51148	0.00475584	2.53206	2.53206	0.791312	1.06793	1.06793	0.184768	1.41705	1.41705	0.291579	0.762464	-1.31154
cg09865339	GPC2;GPC2;STAG3	0.000959469	0.0049213	0.494755	-2.0212	0.0436446	0.645248	-1.54979	0.0123417	0.555164	-1.80127	0.775643	0.947457	-1.05546	0.472683	0.871127	-1.14794
cg09760728	GPC3;GPC3;GPC3;GPC3	0.00164029	0.0413854	0.269649	-3.70853	0.0123192	5.67696	5.67696	0.569859	1.37707	1.37707	0.242572	1.97654	1.97654	0.333603	0.573715	-1.74303
cg11442732	GPC3;GPC3;GPC3;GPC3	0.00252749	0.0838233	0.209332	-4.77711	0.32862	2.27991	2.27991	0.518174	1.70821	1.70821	0.0388953	7.05937	7.05937	0.0487199	0.158815	-6.29664
cg17725109	GPC3;GPC3;GPC3;GPC3	0.00651252	0.130927	1.44672	1.44672	0.000949863	0.327756	-3.05105	0.0394588	0.583109	-1.71495	0.00700468	0.454032	-2.20249	0.00828453	0.465629	-2.14763
cg14586560	GPC3;GPC3;GPC3;GPC3	0.0229037	0.131558	0.221816	-4.50823	0.102863	5.21117	5.21117	0.636698	0.643958	-1.5529	0.0663455	6.71918	6.71918	0.916491	1.10189	1.10189
cg02442693	GPC3;GPC3;GPC3;GPC3	0.0400598	0.142521	0.28308	-3.53257	0.809943	1.21276	1.21276	0.795294	1.2314	1.2314	0.0733313	4.94658	4.94658	0.0647328	0.189965	-5.26413
cg26953234	GPC4	0.0159098	0.054014	0.386297	-2.58868	0.0025608	0.162169	-6.16641	0.0211533	0.299545	-3.3384	0.141511	0.502816	-1.9888	0.0106524	0.247484	-4.04067

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09503780	0.105305	1.53091	1.53091	0.712541	0.914796	-1.09314	0.774546	0.933225	-1.07155	0.0995225	1.54411	1.54411	4.18767	3.84069	0.815239	1
cg06212631	0.42989	0.894404	-1.11806	0.0834457	1.30392	1.30392	0.707372	0.949112	-1.05362	0.0190479	1.48155	1.48155	3.74509	1.13774	0.270041	1
cg10672884	0.187022	0.861325	-1.161	0.0260579	0.754356	-1.32563	0.0241091	0.75044	-1.33255	0.0466705	1.27525	1.27525	3.62274	0.653719	0.160399	1
cg15617548	0.317038	1.19878	1.19878	0.0830508	1.39988	1.39988	0.112106	0.738415	-1.35425	0.0963458	0.726118	-1.37719	4.15083	2.01991	0.432558	1
cg17624310	0.189655	0.691683	-1.44575	0.0087801	0.412486	-2.42433	0.035457	1.915	1.915	0.150816	0.664615	-1.50463	9.05934	10.1017	0.991161	1
cg00940577	0.921773	0.965068	-1.0362	0.0201693	0.362648	-2.7575	0.00783646	0.290743	-3.43946	0.8745	0.944388	-1.05889	5.04425	10.4688	1.8448	1
cg14059221	0.106419	0.361766	-2.76422	0.085479	0.33409	-2.99321	0.0295711	0.228226	-4.38162	0.0542381	0.283694	-3.52492	4.83649	25.4769	4.68235	1
cg06096245	0.194279	1.47571	1.47571	0.0533735	1.8624	1.8624	5.79E-05	8.27008	8.27008	0.274742	1.37991	1.37991	8.04893	10.2364	1.13046	1
cg21239660	0.0263357	0.760965	-1.31412	0.0159225	0.736293	-1.35816	0.0765459	1.22666	1.22666	0.25325	0.883614	-1.13172	7.46816	1.2719	0.151386	1
cg09562639	0.00275133	0.19836	-5.04134	0.803025	1.1028	1.1028	0.230878	0.611343	-1.63574	0.00339986	0.210351	-4.75396	6.48224	15.7388	2.15821	1
cg07144085	0.478582	0.93919	-1.06475	0.20995	1.12195	1.12195	0.610898	0.956298	-1.0457	0.0649447	1.19781	1.19781	6.402	0.768992	0.106771	1
cg26937061	0.00189282	0.388163	-2.57624	0.139347	0.71039	-1.40768	0.67591	1.09458	1.09458	0.334727	1.23841	1.23841	5.44461	3.9837	0.65038	1
cg16759221	0.0224768	0.376028	-2.65938	0.93022	1.03183	1.03183	0.306682	1.46029	1.46029	0.0213754	0.371794	-2.68966	5.40716	10.9626	1.80215	1
cg21637282	0.640758	0.965258	-1.03599	0.509623	1.05162	1.05162	0.266217	1.09107	1.09107	0.000399127	1.52795	1.52795	4.16645	0.373552	0.0796952	1
cg10239816	0.903172	1.01869	1.01869	0.000102759	0.351348	-2.84618	0.320415	0.855373	-1.16908	0.482903	1.11461	1.11461	7.2878	2.67231	0.32594	1
cg20539690	0.0463376	0.815566	-1.22614	0.189886	0.883355	-1.13205	0.000985145	0.645636	-1.54886	0.0522377	0.821006	-1.21802	4.87349	0.615897	0.112335	1
cg17519570	0.256726	1.15052	1.15052	0.295655	0.879456	-1.13707	0.0966863	1.2411	1.2411	0.103269	1.235	1.235	4.18095	0.928993	0.197508	1
cg12626639	0.561717	0.825998	-1.21066	0.0854694	0.538272	-1.8578	0.355491	1.36298	1.36298	0.124775	0.581918	-1.71846	3.67593	6.17998	1.4944	1
cg01158937	0.00487368	0.820346	-1.219	0.180158	0.927259	-1.07845	0.393934	0.954723	-1.04742	0.00190212	1.26292	1.26292	21.1607	0.94357	0.0396362	1
cg25683397	0.600859	0.932517	-1.07237	0.0722629	0.766811	-1.3041	0.976537	1.0039	1.0039	0.0134958	1.49893	1.49893	3.47299	0.963613	0.24663	1
cg14825683	0.0115017	0.506371	-1.97484	0.474555	0.855092	-1.16947	0.219563	1.32037	1.32037	0.785325	0.94292	-1.06054	6.22175	4.56619	0.652363	1
cg20154938	0.387442	1.31911	1.31911	0.00850858	0.349981	-2.8573	0.0644422	0.522324	-1.91452	0.0098668	0.36078	-2.77177	5.78294	8.95208	1.37601	1
cg23545906	0.089161	0.503007	-1.98804	0.00362493	0.236199	-4.23372	0.0253659	0.377475	-2.64918	0.238368	0.635908	-1.57255	4.72141	10.0479	1.89169	1
cg08805386	0.0953906	0.505881	-1.97675	0.0019403	0.19576	-5.10829	0.065759	0.463935	-2.15547	0.562428	0.804259	-1.24338	4.52228	9.90902	1.9477	1
cg20600916	0.040926	0.204103	-4.8995	0.00378143	0.0719612	-13.8964	0.0767374	0.265577	-3.76539	0.0656057	0.248659	-4.02156	4.07017	29.2425	6.3863	1
cg10925364	0.138186	0.596054	-1.6777	0.033454	0.44689	-2.23769	0.0328783	0.445326	-2.24555	0.274346	0.691645	-1.44583	3.88552	6.46575	1.47917	1
cg06070269	0.0570872	0.528452	-1.89232	0.0196419	2.30513	2.30513	0.989424	0.996081	-1.00393	0.0446297	0.50505	-1.98	7.62279	10.5974	1.23576	1
cg08987251	0.252197	0.618523	-1.61675	0.580908	0.799347	-1.25102	0.271665	0.63153	-1.58346	0.0278137	0.351928	-2.84149	4.93979	12.6213	2.27114	1
cg08950929	0.406448	0.903946	-1.10626	0.925088	1.01125	1.01125	0.60779	0.940301	-1.06349	0.866865	1.02015	1.02015	4.63782	1.03856	0.199052	1
cg08578141	0.247517	0.8658	-1.155	0.0178065	0.70938	-1.40968	0.0741232	1.26769	1.26769	0.584924	1.06795	1.06795	4.21591	0.94848	0.199979	1
cg06624121	0.331442	0.628064	-1.59219	0.223349	0.552198	-1.81095	0.0183433	0.264882	-3.77526	0.0724688	0.394437	-2.53526	3.75596	12.816	3.03304	1
cg25526759	0.51562	1.14769	1.14769	0.745578	1.0704	1.0704	0.666432	0.913361	-1.09486	0.183567	0.744648	-1.34292	4.71471	3.26083	0.614781	1
cg03451731	0.540743	0.861856	-1.16029	0.28626	0.766543	-1.30456	0.299024	0.772274	-1.29488	0.717518	1.09114	1.09114	4.66316	4.25674	0.811418	1
cg07892449	4.47E-05	0.311901	-3.20615	0.848633	0.974505	-1.02616	0.138435	1.24363	1.24363	0.00581887	0.600532	-1.66519	14.7701	4.18189	0.220213	1
cg04432599	0.0908319	0.340241	-2.93909	0.848842	0.895452	-1.11675	0.40442	1.6384	1.6384	0.0363885	0.244697	-4.08669	3.64849	19.353	4.71502	1
cg11414921	0.0345974	3.03527	3.03527	0.00123566	8.40012	8.40012	0.00210831	7.01746	7.01746	0.070959	2.48206	2.48206	5.46584	17.5787	2.85876	1
cg07359545	0.0126816	2.81817	2.81817	0.00158989	4.55279	4.55279	0.0105696	2.93162	2.93162	0.300105	1.43207	1.43207	4.82101	8.53991	1.57457	1
cg01162507	0.473897	1.13577	1.13577	0.0277756	1.57557	1.57557	0.00248907	0.479644	-2.08488	0.0231005	0.621998	-1.60772	7.35849	3.56054	0.430105	1
cg02936347	0.946165	0.967483	-1.03361	0.0203701	0.254454	-3.92998	0.00214238	0.121128	-8.25576	0.0279963	0.280599	-3.56381	4.52613	17.1788	3.37375	1
cg19238840	0.0768515	0.318163	-3.14304	0.0332711	0.234988	-4.25553	0.0440712	0.260155	-3.84386	0.293249	0.530161	-1.88622	3.68029	19.7451	4.76897	1
cg00834899	0.694958	1.11179	1.11179	0.00222662	0.316015	-3.1644	0.00401107	0.353583	-2.82819	0.000217543	0.190444	-5.25088	12.8489	14.7143	1.01794	1
cg10658438	0.23508	0.771762	-1.29574	0.0241461	0.571362	-1.7502	0.00173163	2.53522	2.53522	0.12955	1.40628	1.40628	8.23679	5.65369	0.610128	1
cg03022680	0.0214838	8.21162	8.21162	0.000874736	44.9107	44.9107	0.0058126	15.6993	15.6993	0.0299941	7.00082	7.00082	5.57974	51.3492	8.18026	1
cg03492634	0.153581	0.4355	-2.29621	0.449202	0.657342	-1.52128	0.062185	0.319095	-3.13386	0.00305365	0.109984	-9.09225	4.81339	22.5641	4.16692	1
cg15992420	0.0477561	7.0258	7.0258	0.00117779	60.3036	60.3036	0.00828417	18.3111	18.3111	0.0619697	6.11161	6.11161	4.71029	55.34	10.4433	1
cg05713794	0.167406	0.848852	-1.17806	0.664425	1.0498	1.0498	0.0176791	0.725202	-1.37893	0.390462	0.906662	-1.10295	4.35284	0.854795	0.174557	1
cg18179931	0.0422104	9.28511	9.28511	0.0133781	18.4898	18.4898	0.045453	8.88748	8.88748	0.0387063	9.77368	9.77368	3.46577	49.77	12.7649	1
cg02462353	0.179222	1.26934	1.26934	9.99E-06	4.88045	4.88045	0.0533839	0.692939	-1.44313	0.310985	0.839269	-1.19151	24.7905	10.9708	0.39337	1
cg17750896	0.000981998	0.378442	-2.64242	0.00171422	0.411656	-2.42921	0.774311	1.05866	1.05866	0.00997253	0.524545	-1.90641	14.575	9.0761	0.553526	1
cg05215830	0.476994	1.16738	1.16738	0.217901	1.31971	1.31971	0.00474084	0.448061	-2.23184	0.071147	0.649583	-1.53945	7.56894	5.49128	0.644891	1
cg23796967	0.00202095	0.219932	-4.54685	0.505617	1.26478	1.26478	0.00877336	0.313223	-3.19261	0.0137335	0.346605	-2.88513	7.53344	14.4302	1.70266	1
cg25818583	0.479054	1.27134	1.27134	0.000644093	5.73707	5.73707	0.161153	0.606965	-1.64754	0.818303	0.926103	-1.07979	6.45988	11.3875	1.56694	1
cg20651389	0.571432	0.908504	-1.10071	0.000637589	2.41075	2.41075	0.314535	0.839874	-1.19066	0.303823	0.836369	-1.19564	6.00015	2.67512	0.396304	1
cg05374025	0.431648	0.801808	-1.24718	0.0580512	1.80329	1.80329	0.0126012	0.425807	-2.34848	0.188711	0.681631	-1.46707	5.9447	7.13154	1.06635	1
cg03707118	0.0516207	0.382436	-2.61482	0.0158005	0.277195	-3.60757	0.634697	1.23082	1.23082	0.385086	0.679511	-1.47165	5.76994	17.2044	2.65042	1
cg18355337	0.098542	0.438508	-2.28046	0.0651363	2.56584	2.56584	0.00466611	0.180528	-5.53932	0.076693	0.40822	-2.44966	5.09671	16.7151	2.91518	1
cg19589161	0.0131945	0.428615	-2.3331	0.768273	0.921762	-1.08488	0.0119859	0.421353	-2.37331	0.738141	0.911635	-1.09693	4.1852	5.03963	1.07036	1
cg07280985	0.029364	0.187033	-5.34665	0.0532752	0.238253	-4.19721	0.00666215	0.100258	-9.9743	0.0367259	0.20487	-4.88116	4.05935	27.4391	6.00844	1
cg27154418	0.0348668	0.108527	-9.21433	0.8985	1.12215	1.12215	0.00661792	0.0414418	-24.1302	0.195429	0.290371	-3.44387	3.81742	49.3089	11.4816	1
cg25221704	0.524968	1.10034	1.10034	0.00331711	1.81048	1.81048	0.0523203	0.720663	-1.38761	0.302956	1.17162	1.17162	5.49929	1.91903	0.310187	1
cg00088464	0.176637	1.93001	1.93001	0.253795	1.72555	1.72555	0.103994	0.443195	-2.25634	0.134321	2.09404	2.09404	4.70636	15.6202	2.95017	1
cg12063241	0.000344776	2.87082	2.87082	0.801724	1.04715	1.04715	0.583945	1.10656	1.10656	0.349679	0.838399	-1.19275	9.68113	5.13998	0.471935	1
cg24987706	0.537788	0.912439	-1.09596	0.00238227	0.536857	-1.86269	0.0226608	0.669807	-1.49297	0.749553	1.04817	1.04817	9.65073	3.29729	0.303699	1
cg02908963	0.00146234	0.290835	-3.43837	0.427379	0.804288	-1.24334	0.250431	0.72413	-1.38097	0.0136123	0.440254	-2.27141	7.6152	8.71235	1.01695	1
cg01607187	0.182353	1.31913	1.31913	0.596718	1.11016	1.11016	0.480961	1.15049	1.15049	0.0519323	0.648699	-1.54155	6.89618	4.18281	0.539147	1
cg06665322	0.0214068	0.520085	-1.92276	0.248999	1.3297	1.3297	0.976362	0.993017	-1.00703	0.272221	0.76317	-1.31032	5.92961	5.25223	0.787345	1
cg23285732	2.39E-05	0.402547	-2.48418	5.07E-05	0.440324	-2.27105	3.13E-05	0.416017	-2.40375	0.00091318	0.585457	-1.70807	29.1111	5.37719	0.164189	1
cg17943017	0.000840175	0.640177	-1.56207	0.113719	1.1651	1.1651	0.927476	1.00812	1.00812	0.137959	1.15238	1.15238	6.14737	0.767596	0.110992	1
cg08020051	0.0845395	0.781558	-1.2795	0.112073	1.25045	1.25045	0.0831346	0.780499	-1.28123	0.0239797	1.41607	1.41607	4.74096	1.25298	0.234923	1
cg25290227	0.000619123	0.225893	-4.42688	0.00051093	0.216028	-4.62902	0.00107716	0.255778	-3.90964	0.101927	0.603182	-1.65787	14.0502	17.7432	1.12253	1
cg03833257	0.417391	0.80058	-1.24909	0.806672	1.06802	1.06802	0.830882	1.05908	1.05908	0.576545	1.16348	1.16348	5.66342	6.46054	1.014	1
cg23650686	0.0478284	1.3952	1.3952	0.0150083	1.55283	1.55283	0.124	1.27786	1.27786	0.369469	1.1453	1.1453	5.59534	1.91992	0.305003	1
cg11888270	0.0154577	0.299042	-3.34402	0.0058914	0.231293	-4.32353	0.267189	0.625205	-1.59947	0.133609	0.518196	-1.92977	5.30538	13.8721	2.3242	1
cg20106465	0.695799	0.883564	-1.13178	0.522626	0.815359	-1.22645	0.0768969	1.85847	1.85847	0.966786	1.0132	1.0132	3.93341	6.18287	1.39723	1
cg24677674	0.0479336	1.18001	1.18001	0.891327	0.990043	-1.01006	0.933492	1.00613	1.00613	0.00316927	1.34323	1.34323	5.3791	0.456489	0.0754341	1
cg10108208	0.00251935	0.388956	-2.57098	0.0119822	0.493783	-2.02518	0.470596	1.17967	1.17967	0.0218416	0.538231	-1.85794	19.4361	15.5996	0.71343	1
cg04177517	0.0103794	0.496725	-2.01319	0.0146641	0.521345	-1.91812	0.634178	0.901299	-1.10951	0.676198	0.91297	-1.09533	9.97605	7.42451	0.661541	1
cg06370795	0.424473	0.787575	-1.26972	0.0427719	1.97926	1.97926	0.433366	1.26371	1.26371	0.425659	1.26891	1.26891	9.10286	12.3565	1.2066	1
cg04513227	0.632881	0.889883	-1.12374	0.122086	0.666157	-1.50115	0.345107	0.789991	-1.26584	0.104687	1.53713	1.53713	3.62616	3.37512	0.82735	1
cg25328477	0.414774	1.15332	1.15332	0.000907181	0.42777	-2.33771	0.123865	0.751892	-1.32998	0.0793806	1.39546	1.39546	6.18509	2.86833	0.412221	1
cg17471527	0.00500976	0.465424	-2.14858	0.111938	1.42835	1.42835	0.0436995	1.61215	1.61215	0.0185047	0.555245	-1.80101	10.2502	6.88671	0.597211	1
cg00778880	0.0333264	0.257089	-3.88971	0.0112201	0.17637	-5.6699	0.00984136	0.168334	-5.94056	0.0647145	0.322038	-3.10522	4.17805	19.7359	4.19885	1
cg16991868	0.173909	1.35373	1.35373	5.72E-06	0.117764	-8.49156	0.00838984	2.02384	2.02384	0.764048	0.93892	-1.06505	28.43	19.7359	0.61706	1
cg17796198	0.000185152	0.188975	-5.29169	5.97E-05	0.141053	-7.08955	0.0405314	0.535725	-1.86663	0.00210334	0.319405	-3.13083	15.6549	17.2614	0.980103	1
cg03952248	0.0985287	1.58117	1.58117	0.0310627	0.527245	-1.89665	0.000203095	4.83305	4.83305	0.013758	2.16023	2.16023	13.7265	13.9037	0.900363	1
cg12798061	0.342022	0.804017	-1.24375	0.000338642	0.276148	-3.62125	0.0442735	1.67334	1.67334	0.00659809	0.455724	-2.19431	10.7699	8.4678	0.698887	1
cg00067058	0.165216	0.908342	-1.10091	0.127334	0.898455	-1.11302	0.843721	1.0129	1.0129	0.333504	1.06693	1.06693	9.06159	0.605296	0.059376	1
cg04127455	0.0559177	0.633607	-1.57827	0.875749	1.03352	1.03352	0.112427	1.4393	1.4393	0.0117489	0.515198	-1.941	17.0061	11.959	0.625081	1
cg06957169	0.0164942	0.759181	-1.31721	0.0356145	1.25863	1.25863	0.0621007	0.820753	-1.21839	0.00743616	1.38293	1.38293	6.36399	0.891447	0.124513	1
cg11192022	0.0438804	0.753541	-1.32707	0.171896	0.837215	-1.19444	0.481563	0.916312	-1.09133	0.563125	1.07403	1.07403	5.89294	1.39312	0.210137	1
cg21689812	0.0949892	0.668266	-1.49641	0.00117497	0.351331	-2.84632	0.00999509	0.489423	-2.04322	0.400424	0.827711	-1.20815	5.03057	3.8452	0.679437	1
cg24594293	0.126792	0.530989	-1.88328	0.0753337	0.468166	-2.136	0.162098	0.564311	-1.77207	0.403466	1.38775	1.38775	4.99651	11.6255	2.0682	1
cg14277848	0.0292936	0.660979	-1.51291	0.177508	1.25997	1.25997	0.0113763	1.66675	1.66675	0.0297791	1.5104	1.5104	4.75514	1.74059	0.366044	1
cg24041872	0.123423	0.795974	-1.25632	0.0631196	0.751391	-1.33087	0.28999	0.860558	-1.16204	0.872244	1.02225	1.02225	3.87494	1.14752	0.263234	1
cg07895381	0.150793	1.56971	1.56971	0.0897646	1.72921	1.72921	0.59104	1.17214	1.17214	0.851903	1.05625	1.05625	7.36299	9.99873	1.20709	1
cg08126815	0.587202	0.887896	-1.12626	0.117222	1.44643	1.44643	0.397941	0.828835	-1.20651	0.439659	0.84286	-1.18644	7.34492	5.47316	0.662367	1
cg01348970	0.995862	0.99755	-1.00246	0.838405	0.907921	-1.10142	0.678682	1.21783	1.21783	0.384652	0.655956	-1.52449	6.50458	23.054	3.15046	1
cg19170156	0.047605	0.552067	-1.81138	0.00282769	0.340178	-2.93964	0.00925573	0.420597	-2.37757	0.894194	1.03551	1.03551	4.99705	5.44206	0.968049	1
cg04558658	0.163297	0.469662	-2.12919	0.00167463	0.102045	-9.7996	0.718651	1.20172	1.20172	0.129102	0.434754	-2.30015	4.69261	19.1734	3.63189	1
cg03599891	0.786452	0.836126	-1.19599	0.0027017	0.0651167	-15.357	0.936014	1.05434	1.05434	0.0250472	0.172581	-5.79439	4.40199	30.2839	6.11518	1
cg26969942	0.235308	1.39121	1.39121	0.111447	0.631142	-1.58443	0.460378	1.22081	1.22081	0.208391	1.42199	1.42199	4.63339	5.1708	0.991988	1
cg20655350	0.0171622	2.60208	2.60208	0.0302865	0.432315	-2.31313	0.600924	1.18979	1.18979	0.822891	0.928843	-1.07661	3.86581	6.63799	1.52631	1
cg02116437	0.0503067	1.93526	1.93526	0.81733	1.07086	1.07086	0.0528635	1.91771	1.91771	0.361439	0.757603	-1.31995	3.74103	5.18783	1.23266	1
cg07025471	0.149615	0.828837	-1.20651	0.000178371	0.462312	-2.16304	0.0118829	1.46458	1.46458	0.0035241	0.618302	-1.61733	16.3244	3.81773	0.207881	1
cg10668150	0.478377	0.853018	-1.17231	0.598051	0.889275	-1.12451	0.00102617	2.92509	2.92509	0.00811274	2.11202	2.11202	5.91364	4.55667	0.68492	1
cg20728685	0.0720951	2.59557	2.59557	?	?	?	0.0305211	3.62532	3.62532	?	?	?	13.0597	17.4704	1.07019	1
cg01390346	0.111845	0.842238	-1.18731	0.031817	0.779195	-1.28338	0.0871973	1.20595	1.20595	0.129874	1.17614	1.17614	4.77446	0.743503	0.138422	1
cg16371341	0.129533	1.52156	1.52156	0.00316572	0.355838	-2.81027	0.608815	0.876095	-1.14143	0.1893	1.42811	1.42811	3.59274	3.7371	0.924605	1
cg03568453	6.60E-05	0.408134	-2.45018	0.119223	0.81298	-1.23004	0.186769	1.18693	1.18693	0.989122	0.998332	-1.00167	12.1327	2.88127	0.211093	1
cg09581413	0.11715	1.4498	1.4498	0.0163681	1.8972	1.8972	0.401543	0.82914	-1.20607	0.222093	0.755759	-1.32317	6.01656	4.53784	0.670423	1
cg20745925	0.36727	0.793535	-1.26018	0.0010459	0.297802	-3.35794	0.0713328	1.65352	1.65352	0.110096	0.647371	-1.54471	5.40998	5.3419	0.877702	1
cg18518111	0.2195	0.744414	-1.34334	0.0206286	1.89131	1.89131	0.012373	0.490751	-2.03769	0.0547024	0.607648	-1.64569	5.05063	4.17987	0.73564	1
cg17790372	0.478478	1.19129	1.19129	0.0369962	1.8011	1.8011	0.0866795	0.631491	-1.58355	0.951356	1.01493	1.01493	3.82943	3.57896	0.830749	1
cg13917023	0.353975	0.906891	-1.10267	0.107444	1.19729	1.19729	0.674712	1.04421	1.04421	0.0432646	0.787994	-1.26905	17.4829	2.90817	0.147861	1
cg22880518	0.0490405	5.19367	5.19367	0.486817	0.601381	-1.66284	0.514864	0.621763	-1.60833	0.717858	1.29784	1.29784	4.34573	34.7352	6.21675	1
cg18947720	0.28825	1.29301	1.29301	0.00294113	0.385999	-2.59068	0.306338	0.781255	-1.27999	0.264555	0.762585	-1.31133	3.62047	3.11516	0.764827	1
cg05930162	0.361754	1.07537	1.07537	0.025692	0.814336	-1.22799	0.156237	1.12475	1.12475	0.263579	1.09454	1.09454	3.53213	0.336081	0.0845774	1
cg21879648	0.170301	1.34942	1.34942	0.00104464	0.369471	-2.70658	0.0610893	1.54203	1.54203	0.0568305	0.642545	-1.55631	19.8691	13.2505	0.592788	1
cg02593227	0.84343	1.03669	1.03669	0.000251028	0.332747	-3.00529	0.382141	1.17742	1.17742	0.540169	1.11964	1.11964	10.3298	5.43245	0.467465	1
cg17676994	0.681673	1.16111	1.16111	0.00342353	4.22227	4.22227	0.0025451	4.55693	4.55693	0.324687	1.44538	1.44538	7.41579	15.4077	1.84683	1
cg08347226	0.266819	1.23697	1.23697	0.00827379	0.537567	-1.86023	0.0721753	1.44614	1.44614	0.617484	1.09698	1.09698	7.3111	3.91277	0.475718	1
cg13393505	0.00849914	0.310052	-3.22527	0.040084	0.437324	-2.28663	0.0137264	2.89307	2.89307	0.506429	0.790554	-1.26494	6.82887	13.1457	1.71113	1
cg20094506	0.806279	0.931422	-1.07363	0.724918	0.902887	-1.10756	0.106052	1.66597	1.66597	0.559924	1.18584	1.18584	6.67655	8.84086	1.17704	1
cg01007483	0.343486	0.739318	-1.3526	0.00085822	0.212375	-4.70866	0.963525	0.985946	-1.01425	0.251982	0.690479	-1.44827	6.08736	9.23476	1.34848	1
cg08748373	0.25971	1.28825	1.28825	0.0100086	0.48548	-2.05982	0.000539163	0.289278	-3.45689	0.352638	0.814152	-1.22827	6.44106	4.57471	0.552411	1
cg26128123	0.0136673	0.52562	-1.90252	0.851731	1.04025	1.04025	0.0137584	1.9008	1.9008	0.868678	0.965705	-1.03551	5.37855	3.78845	0.626101	1
cg00441027	0.400654	1.24666	1.24666	0.808441	1.06422	1.06422	0.945485	1.01768	1.01768	0.785088	1.07256	1.07256	5.0716	5.27528	0.924588	1
cg05530403	0.454123	1.19332	1.19332	0.114547	1.48858	1.48858	0.317582	1.27056	1.27056	0.905733	0.972914	-1.02784	5.0644	4.30921	0.75634	1
cg14805932	0.750915	0.966549	-1.03461	0.00105507	1.67795	1.67795	0.220157	0.871333	-1.14767	0.464223	0.923498	-1.08284	4.44072	0.802762	0.160687	1
cg05087722	0.294191	0.74925	-1.33467	0.796191	1.07109	1.07109	0.0911705	1.63831	1.63831	0.435058	0.809521	-1.2353	3.95211	4.40656	0.991103	1
cg10764101	0.272914	0.561493	-1.78097	0.00227316	0.115413	-8.66457	0.0521709	0.327212	-3.05612	0.152919	0.461054	-2.16895	3.60882	14.6223	3.60163	1
cg13921324	0.200377	1.19583	1.19583	0.192529	1.20005	1.20005	0.000270337	2.20277	2.20277	0.09888	1.27029	1.27029	9.81757	2.7183	0.246116	1
cg01942863	0.0715349	3.18373	3.18373	0.236231	2.04265	2.04265	0.0105362	6.37217	6.37217	0.870844	1.09816	1.09816	4.81783	25.2696	4.66224	1
cg19629818	0.0269235	0.340601	-2.93598	0.00808689	0.24807	-4.03112	0.630203	1.22065	1.22065	0.235223	0.599693	-1.66752	3.92549	10.5029	2.37828	1
cg18090197	0.111831	1.5359	1.5359	0.0258233	1.92681	1.92681	0.368053	1.2575	1.2575	0.778836	0.932606	-1.07226	3.64533	3.54565	0.864584	1
cg09865339	0.627416	1.09679	1.09679	3.29E-05	0.218019	-4.58676	0.685405	0.925957	-1.07996	0.0169095	1.73391	1.73391	11.9053	6.72733	0.502285	1
cg09760728	0.00152212	12.7206	12.7206	0.000309755	26.0717	26.0717	0.00287159	9.82377	9.82377	0.0232632	4.53116	4.53116	10.2128	50.205	4.36967	1
cg11442732	0.0421934	6.77349	6.77349	0.000308814	119.841	119.841	0.00220234	33.3841	33.3841	0.026226	8.63025	8.63025	9.00302	95.2599	9.40523	1
cg17725109	0.633267	1.11499	1.11499	0.214794	1.34405	1.34405	0.173508	0.720436	-1.38805	0.362981	0.809206	-1.23578	6.76533	5.49351	0.721786	1
cg14586560	0.0385133	9.18495	9.18495	0.0411349	8.84371	8.84371	0.00546419	29.3823	29.3823	0.0149301	15.9414	15.9414	4.49135	60.8723	12.0473	1
cg02442693	0.049507	6.01538	6.01538	0.0118685	12.361	12.361	0.0687736	5.10759	5.10759	0.330509	2.23422	2.23422	3.68111	37.3684	9.02347	1
cg26953234	0.0230733	0.306758	-3.2599	0.00441653	0.191581	-5.21971	0.251872	0.594187	-1.68297	0.111908	0.471023	-2.12304	5.08054	15.218	2.66254	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02784144	GPC4	0.0165412	0.13431	0.425814	-2.34844	0.00256232	0.109523	-9.13053	0.012404	0.192875	-5.18471	0.238399	0.520493	-1.92125	0.00353097	0.123518	-8.09601	0.0572542	0.320665	-3.11852	0.0181939	0.219556	-4.55465	0.917555	0.946721	-1.05628	0.180216	0.471184	-2.12231	5.01511	22.2085	3.93628	1
cg09773769	GPC4	0.0465533	0.0236691	0.217357	-4.60073	0.0159013	0.188541	-5.30389	0.0604526	0.30234	-3.30753	0.252006	0.508593	-1.96621	0.0158549	0.188342	-5.30948	0.0439841	0.270413	-3.69805	0.0173009	0.194351	-5.14534	0.625274	0.757219	-1.32062	0.196895	0.462622	-2.16159	3.48091	17.5994	4.4942	1
cg13816734	GPC5	2.61E-05	0.267748	0.751013	-1.33154	0.00382174	0.380128	-2.63069	0.000151117	0.199277	-5.01815	0.00344784	0.373404	-2.67806	1.04E-06	0.0419784	-23.8218	0.914817	1.02689	1.02689	0.000170816	0.205021	-4.87756	0.0108438	0.452252	-2.21116	2.59E-05	0.126615	-7.89798	31.5831	30.7699	0.866001	1
cg25972997	GPC5	0.000117267	0.711215	1.09353	1.09353	0.00462104	0.40411	-2.47457	0.000342988	0.250094	-3.9985	0.0057948	0.419368	-2.38454	3.11E-06	0.0697839	-14.33	0.0234406	0.52157	-1.91729	0.47094	1.19283	1.19283	0.527442	0.857328	-1.16642	0.000881691	0.301641	-3.3152	21.2158	19.4232	0.813782	1
cg16437048	GPC5	0.00118963	0.00300185	0.235123	-4.25309	0.214429	0.628172	-1.59192	0.000151419	0.098975	-10.1036	0.0090194	0.306993	-3.25741	0.000833652	0.16712	-5.98374	0.0205061	0.370449	-2.69943	0.00147645	0.195538	-5.11411	0.0223548	0.37769	-2.64767	0.0020466	0.213141	-4.69173	11.1995	22.4454	1.78146	1
cg07725536	GPC5	0.00240497	0.111851	0.657939	-1.5199	0.0348496	1.81239	1.81239	0.897153	0.969216	-1.03176	0.00346602	0.383107	-2.61024	0.00194371	0.346518	-2.88586	0.00283334	0.370134	-2.70172	0.00598174	0.41948	-2.38391	0.134385	1.47742	1.47742	0.0157093	0.488773	-2.04594	9.13555	8.45852	0.823013	1
cg06186301	GPC5	0.00388721	0.00170293	0.232662	-4.29808	0.0565761	0.495426	-2.01846	0.0727903	1.91804	1.91804	0.969222	1.01263	1.01263	0.000411338	0.161198	-6.20356	0.628149	0.853152	-1.17212	0.588136	1.19473	1.19473	0.28734	1.4326	1.4326	0.221344	1.51941	1.51941	7.92043	13.2831	1.49073	1
cg14298689	GPC5	0.0094399	0.0142795	0.280353	-3.56694	0.00680768	0.228645	-4.37358	0.0218827	0.314241	-3.18227	0.0361408	0.358614	-2.78851	0.00243646	0.1694	-5.90317	0.0128068	0.272219	-3.67351	0.00556364	0.215944	-4.63083	0.741568	0.869988	-1.14944	0.0320771	0.347576	-2.87707	6.02035	16.888	2.49346	1
cg09896445	GPC5	0.0185578	0.0129628	0.294971	-3.39017	0.9004	0.951639	-1.05082	0.722382	1.15168	1.15168	0.547627	0.785923	-1.27239	0.0168862	0.31541	-3.17048	0.00244864	0.188483	-5.30552	0.0122197	0.290557	-3.44167	0.640713	0.830207	-1.20452	0.476117	1.33222	1.33222	4.82528	11.9774	2.20642	1
cg20866193	GPC5	0.019112	0.0123328	0.639731	-1.56316	0.0153762	0.652854	-1.53174	0.511424	0.90894	-1.10018	0.535508	1.09412	1.09412	0.0206783	0.670697	-1.49099	0.022981	1.47684	1.47684	0.223193	1.20139	1.20139	0.141089	0.796987	-1.25473	0.451366	0.895829	-1.11628	4.77756	1.55505	0.289326	1
cg08999807	GPC5	0.0216912	0.213253	2.23408	2.23408	0.514338	0.668188	-1.49658	0.83672	1.13381	1.13381	0.40305	1.68619	1.68619	0.12117	2.81615	2.81615	0.0509074	3.97915	3.97915	0.29987	1.92946	1.92946	0.00168668	0.0552068	-18.1137	0.113536	0.345938	-2.89069	5.0862	29.1904	4.46378	1
cg12510717	GPC5	0.0322667	0.278074	0.722927	-1.38327	0.569497	0.847589	-1.17982	0.00730093	0.36967	-2.70512	0.0935924	0.588337	-1.69971	0.0310453	0.48279	-2.07129	0.30715	0.737786	-1.35541	0.00244129	0.297262	-3.36404	0.324163	0.746098	-1.34031	0.0463997	0.518781	-1.92759	3.98203	5.21844	1.16489	1
cg07514107	GPC5	0.037396	0.472852	0.676383	-1.47845	0.217001	0.498771	-2.00493	0.635007	0.77408	-1.29186	0.907791	0.939837	-1.06401	0.00960035	0.172758	-5.78844	0.300478	0.56295	-1.77636	0.00213071	0.099132	-10.0876	0.904575	0.937794	-1.06633	0.0295287	0.25351	-3.94462	3.77518	17.1465	4.03724	1
cg20647118	GPC5	0.0379154	0.0794876	3.88874	3.88874	0.0116577	9.02002	9.02002	0.0195503	7.16153	7.16153	0.535096	1.54999	1.54999	0.139538	3.03236	3.03236	0.468595	1.67279	1.67279	0.00568301	12.5658	12.5658	0.02202	6.79604	6.79604	0.158885	2.85937	2.85937	3.7562	28.9587	6.85297	1
cg01985465	GPC5	0.0432833	0.854921	1.03798	1.03798	0.154641	0.733237	-1.36382	0.419892	0.84548	-1.18276	0.156679	0.734511	-1.36145	0.0635075	1.52953	1.52953	0.00404893	0.455603	-2.19489	0.229048	1.29316	1.29316	0.572205	0.890256	-1.12327	0.107801	0.69948	-1.42963	3.5771	2.35017	0.584004	1
cg05037863	GPC5	0.0497521	0.0621198	0.564734	-1.77074	0.146423	0.654345	-1.52825	0.00336005	0.337723	-2.961	0.194801	1.45226	1.45226	0.0958077	0.607925	-1.64494	0.926299	1.02549	1.02549	0.35675	0.77269	-1.29418	0.819093	0.939575	-1.06431	0.0801856	0.589728	-1.6957	3.39454	3.97947	1.04206	1
cg02165670	GPC6	1.75E-05	7.08E-05	0.311057	-3.21485	0.00381196	0.533313	-1.87507	8.77E-06	0.211243	-4.73389	0.000588494	0.425044	-2.3527	0.000607406	0.426821	-2.3429	0.0548445	0.704076	-1.4203	1.49E-06	0.140066	-7.1395	0.0555622	1.41845	1.41845	0.00171742	0.486272	-2.05646	35.0731	14.4207	0.365477	1
cg23246978	GPC6	0.000232009	0.131956	0.651652	-1.53456	0.0241808	2.02976	2.02976	0.090248	1.63513	1.63513	4.21E-06	0.0606686	-16.483	0.760654	1.0838	1.0838	0.556271	0.854926	-1.16969	0.0309894	0.513233	-1.94843	0.0736215	1.69095	1.69095	0.13526	0.654386	-1.52815	17.6452	19.3862	0.976595	1
cg16054985	GPC6	0.00037698	0.0123534	0.621966	-1.6078	0.669555	0.93665	-1.06763	0.0543124	0.716841	-1.39501	1.77E-05	0.262198	-3.81392	0.337378	0.860036	-1.16274	0.0571453	1.38831	1.38831	0.19447	0.811194	-1.23275	0.00880999	1.66271	1.66271	0.00139692	0.493728	-2.02541	15.4504	5.687	0.327182	1
cg20095609	GPC6	0.000723946	0.00126877	0.356801	-2.80268	0.00337531	0.41741	-2.39573	0.000107327	0.223767	-4.46893	0.0152753	0.520612	-1.92082	0.000519835	0.305414	-3.27424	0.00491602	0.441938	-2.26276	0.0848481	0.658612	-1.51835	0.264462	1.29032	1.29032	0.00542095	0.448435	-2.22998	12.8888	9.8035	0.676107	1
cg05188268	GPC6	0.000932816	0.007048	0.425025	-2.3528	0.226552	1.36603	1.36603	0.133201	1.48875	1.48875	0.0366123	1.81595	1.81595	9.77E-05	0.182521	-5.47881	0.745788	1.08319	1.08319	0.0226831	1.9545	1.9545	0.008951	2.2631	2.2631	0.110954	1.53202	1.53202	12.0006	11.4693	0.849537	1
cg20717075	GPC6	0.00103084	0.00332579	0.26342	-3.79622	8.64E-05	0.0952178	-10.5022	0.00099553	0.195559	-5.11354	0.104343	0.552916	-1.80859	0.00823229	0.323676	-3.08951	0.0245699	0.409148	-2.4441	0.000483627	0.161	-6.21116	0.35574	0.728303	-1.37305	0.227537	0.655229	-1.52618	11.6656	20.5786	1.56804	1
cg10476585	GPC6	0.00136035	0.515277	1.11728	1.11728	0.00109981	0.445358	-2.24539	0.00014782	0.333986	-2.99414	0.010975	0.584822	-1.70992	0.791667	0.956478	-1.0455	0.584386	1.09729	1.09729	0.00786646	1.77386	1.77386	0.56444	0.906722	-1.10287	0.786785	0.955452	-1.04662	10.778	4.82257	0.397729	1
cg09891221	GPC6	0.00254627	0.963839	0.994354	-1.00568	0.000408759	0.496012	-2.01608	0.659679	0.946158	-1.05691	0.105017	0.801527	-1.24762	0.00362651	0.611628	-1.63498	0.0815043	1.27271	1.27271	0.0665406	1.29299	1.29299	0.184127	1.19239	1.19239	0.00504472	0.629286	-1.5891	8.9834	2.21926	0.219591	1
cg11649221	GPC6	0.00382405	0.0481461	0.678553	-1.47372	0.232061	0.80638	-1.24011	0.156881	0.771075	-1.29689	0.0826059	0.718862	-1.39109	0.00756055	1.80402	1.80402	0.0436027	1.48938	1.48938	0.000456221	2.58057	2.58057	0.856787	1.0315	1.0315	0.35559	0.849453	-1.17723	7.95956	3.71649	0.415041	1
cg18652327	GPC6	0.00515582	0.0220013	0.551153	-1.81438	0.19103	1.35017	1.35017	0.00542609	0.452276	-2.21104	0.692478	0.917409	-1.09003	0.00111267	0.352875	-2.83387	0.224643	0.758362	-1.31863	0.0659384	0.639292	-1.56423	0.0121735	1.96904	1.96904	0.535017	0.872633	-1.14596	7.2701	5.4147	0.662035	1
cg20054182	GPC6	0.00716035	0.0127507	0.461276	-2.1679	0.00700847	0.418185	-2.39129	0.0131713	0.463693	-2.1566	0.00708087	0.418902	-2.38719	0.11863	0.654701	-1.52741	0.434043	0.819064	-1.22091	0.782006	1.07182	1.07182	0.1933	0.708783	-1.41087	0.000588981	0.265128	-3.77176	6.56853	6.50407	0.880165	1
cg04301742	GPC6	0.00784509	0.377894	0.801295	-1.24798	0.118178	0.660092	-1.51494	0.14091	0.678572	-1.47368	0.301536	1.29964	1.29964	0.0175659	2.02893	2.02893	0.848323	0.9542	-1.048	0.168942	1.4317	1.4317	0.000633171	3.61651	3.61651	0.0691796	0.607848	-1.64515	6.38328	6.06088	0.843994	1
cg06047020	GPC6	0.00960857	0.00559637	0.15814	-6.32351	0.0274356	0.266484	-3.75257	0.0229787	0.251878	-3.97018	0.1973	0.501107	-1.99558	0.0029348	0.126039	-7.93408	0.0159465	0.224009	-4.4641	0.00289543	0.125427	-7.97279	0.646057	0.791029	-1.26418	0.0203311	0.242217	-4.12853	5.98647	24.3663	3.61798	1
cg23445525	GPC6	0.00977067	0.00829037	0.274311	-3.6455	0.00120531	0.162477	-6.15471	0.0779244	0.472028	-2.11852	0.0482149	0.420973	-2.37545	0.00774414	0.269611	-3.70905	0.0152681	0.319311	-3.13174	0.0289565	0.372778	-2.68256	0.659128	1.18545	1.18545	0.0630571	0.448749	-2.22842	5.9546	13.8503	2.06754	1
cg06149212	GPC6	0.0124294	0.370379	0.74238	-1.34702	0.00518082	0.302665	-3.30399	0.00609566	0.313652	-3.18825	0.439863	0.774825	-1.29061	0.34039	0.727462	-1.37464	0.118431	1.73144	1.73144	0.0119226	2.76267	2.76267	0.366368	1.35058	1.35058	0.625435	1.17272	1.17272	5.51019	9.1526	1.47647	1
cg25464235	GPC6	0.0200788	0.0353629	0.412341	-2.42518	0.0203122	0.363684	-2.74964	0.677328	0.859593	-1.16334	0.0834543	0.500199	-1.9992	0.0682264	0.477955	-2.09225	0.877007	0.945543	-1.05759	0.00180834	0.201084	-4.97305	0.524213	1.26282	1.26282	0.014576	0.336972	-2.96761	4.69828	9.72695	1.84029	1
cg01392776	GPC6	0.0203249	0.0221771	0.681531	-1.46728	0.0235976	0.685263	-1.45929	0.144844	0.803366	-1.24476	0.0922244	0.771719	-1.29581	0.00997419	0.634476	-1.5761	0.257728	1.17955	1.17955	0.0124595	0.647418	-1.5446	0.881299	1.02111	1.02111	0.191175	1.2135	1.2135	4.67885	1.4487	0.275223	1
cg13201587	GPC6	0.0203644	0.754105	1.06011	1.06011	0.373681	1.18488	1.18488	0.668469	0.923087	-1.08332	0.142554	0.746165	-1.34019	0.0415079	0.646179	-1.54756	0.331937	1.20436	1.20436	0.00116027	2.4262	2.4262	0.197611	1.28788	1.28788	0.275319	0.80991	-1.2347	4.67576	2.5556	0.485835	1
cg21222888	GPC6	0.0250597	0.425372	0.711421	-1.40564	0.276643	0.622943	-1.60528	0.784889	0.891863	-1.12125	0.823979	0.911027	-1.09766	0.00363844	0.192902	-5.18399	0.179676	0.550962	-1.81501	0.00161332	0.150894	-6.62718	0.34961	0.668489	-1.49591	0.0365616	0.361958	-2.76275	4.35362	12.0637	2.46307	1
cg25012257	GPC6	0.0280013	0.0201695	0.26343	-3.79608	0.0258196	0.283654	-3.52542	0.160587	0.489895	-2.04125	0.157726	0.487168	-2.05268	0.00646609	0.185332	-5.39571	0.883183	0.932397	-1.0725	0.0593252	0.362952	-2.75518	0.00614368	0.182325	-5.48472	0.0490783	0.343161	-2.91408	4.18771	15.0321	3.19072	1
cg20373176	GPC6	0.0357627	0.25719	0.7973	-1.25423	0.109498	0.715864	-1.39691	0.385963	0.84345	-1.18561	0.124168	1.37566	1.37566	0.601228	1.10629	1.10629	0.0707095	1.47237	1.47237	0.00286171	2.19477	2.19477	0.246549	1.26128	1.26128	0.321731	1.21665	1.21665	3.83704	2.23002	0.516607	1
cg20091187	GPC6	0.0386954	0.714439	0.91344	-1.09476	0.109191	1.53778	1.53778	0.159681	1.44799	1.44799	0.0585355	1.69305	1.69305	0.002865	0.363938	-2.74772	0.289328	1.31123	1.31123	0.456869	1.20523	1.20523	0.703112	1.09893	1.09893	0.80029	0.939459	-1.06444	3.72829	3.58404	0.854496	1
cg27046201	GPC6	0.0388062	0.0753285	0.411668	-2.42914	0.387213	0.672151	-1.48776	0.373261	0.663851	-1.50636	0.286725	0.609047	-1.64191	0.00259922	0.154103	-6.48916	0.74653	1.15646	1.15646	0.650143	0.814918	-1.22712	0.884578	0.936966	-1.06728	0.00566941	0.196572	-5.08718	3.72438	11.8508	2.82841	1
cg03285902	GPC6	0.0408948	0.362536	0.768137	-1.30185	0.135779	0.635641	-1.57322	0.0503327	0.533218	-1.8754	0.682693	0.890608	-1.12283	0.474387	1.2276	1.2276	0.199664	1.46509	1.46509	0.00595812	2.7552	2.7552	0.0844825	0.583973	-1.71241	0.483196	0.818028	-1.22245	3.6532	4.59672	1.11846	1
cg17351439	GPC6	0.0479358	0.048043	0.401437	-2.49105	0.536824	1.28735	1.28735	0.636773	1.2118	1.2118	0.668538	0.840333	-1.19	0.00682204	0.242806	-4.11852	0.985985	0.992931	-1.00712	0.274605	1.58265	1.58265	0.352696	1.47144	1.47144	0.0213217	0.327092	-3.05724	3.44271	8.89393	2.29637	1
cg18058689	GPC6;GPC6	0.0105905	0.182118	0.872131	-1.14662	0.0383453	1.26094	1.26094	0.224396	1.13122	1.13122	0.0106505	0.733284	-1.36373	0.176253	0.870312	-1.14901	0.00209489	0.658253	-1.51917	0.840599	0.980733	-1.01965	0.0147109	0.748199	-1.33654	0.24362	0.888817	-1.12509	5.80291	0.857791	0.131396	1
cg16792800	GPC6;GPC6	0.0354369	0.618179	0.963465	-1.03792	0.00899125	0.781888	-1.27896	0.111642	1.13693	1.13693	0.731616	1.02583	1.02583	0.0412053	0.839921	-1.19059	0.0217483	1.22632	1.22632	0.187464	0.9017	-1.10902	0.977054	0.997872	-1.00213	0.502478	0.950839	-1.0517	3.8498	0.334508	0.0772354	1
cg06168149	GPD1	0.0177469	0.142783	1.47031	1.47031	0.168742	1.4317	1.4317	0.0163511	2.05092	2.05092	0.0116319	2.16367	2.16367	0.312488	1.29133	1.29133	0.68428	0.904796	-1.10522	0.535335	0.857596	-1.16605	0.80802	0.942167	-1.06138	0.00116396	3.21228	3.21228	4.89838	4.64598	0.843087	1
cg15440363	GPD1L	3.12E-05	0.523679	0.911359	-1.09726	0.0427884	0.715409	-1.3978	0.0630009	1.35038	1.35038	0.079616	0.75622	-1.32237	0.0568522	1.36282	1.36282	0.0189977	0.665061	-1.50362	7.20E-07	0.145742	-6.86144	0.423676	0.889264	-1.12453	5.04E-05	0.335619	-2.97957	30.1344	9.84495	0.290401	1
cg01448087	GPD1L	0.000176827	0.00692425	0.657857	-1.52009	0.00147057	1.73341	1.73341	0.0264732	1.37061	1.37061	0.00268654	1.64395	1.64395	0.189489	1.18121	1.18121	0.793253	1.03197	1.03197	2.67E-05	0.36986	-2.70373	0.00766999	0.663246	-1.50774	0.0401121	0.752606	-1.32872	18.9941	4.31925	0.202133	1
cg15318697	GPD1L	0.00228821	0.239403	0.718947	-1.39092	0.59108	0.864794	-1.15634	0.00544054	0.3755	-2.66312	0.534486	0.84494	-1.18352	0.00160001	0.297421	-3.36224	0.328105	1.31043	1.31043	0.000125382	0.167056	-5.98601	0.177657	0.681348	-1.46768	0.00825216	0.404615	-2.47148	9.26995	10.5315	1.00986	1
cg21255732	GPD1L	0.0245144	0.88846	1.01982	1.01982	0.00232048	1.81305	1.81305	0.0106808	1.56655	1.56655	0.150891	1.24025	1.24025	0.311226	1.15782	1.15782	0.181294	1.21957	1.21957	0.152431	0.807032	-1.23911	0.335838	0.870395	-1.1489	0.14477	1.24492	1.24492	4.38703	1.35929	0.275415	1
cg00620452	GPD1L	0.0482993	0.0488995	0.398497	-2.50943	0.300509	1.55103	1.55103	0.851784	0.926332	-1.07953	0.554461	0.783009	-1.27712	0.0132689	0.284926	-3.50968	0.0333362	0.361503	-2.76623	0.0111548	0.272149	-3.67446	0.138931	0.521188	-1.91869	0.281786	0.632788	-1.58031	3.43289	9.10015	2.35633	1
cg05662500	GPD1L	0.0492064	0.123258	0.777629	-1.28596	0.757077	0.954337	-1.04785	0.376233	0.872154	-1.14659	0.581595	1.08745	1.08745	0.00429594	1.77758	1.77758	0.519046	0.906223	-1.10348	0.559149	0.914866	-1.09306	0.0590191	1.37874	1.37874	0.11458	1.29501	1.29501	3.40878	1.22507	0.319454	1
cg01241758	GPD2;GPD2	7.72E-05	0.000620322	0.357192	-2.79961	?	?	?	0.00592325	1.61023	1.61023	0.11065	0.858916	-1.16426	?	?	?	1.17E-05	0.0204149	-48.9839	2.95E-05	0.057571	-17.3699	0.000229294	0.237381	-4.21263	0.000624448	0.358013	-2.79319	729.721	39.1011	0.0229644	1
cg05786348	GPD2;GPD2	0.00190967	0.0181765	1.37963	1.37963	0.00329317	0.638064	-1.56724	0.0021212	0.615889	-1.62367	0.721156	0.960582	-1.04104	0.879908	0.983178	-1.01711	0.0961563	1.22755	1.22755	0.951069	0.993137	-1.00691	0.724872	1.04045	1.04045	0.000353318	0.5252	-1.90404	9.77248	1.94894	0.177272	1
cg23077884	GPD2;GPD2	0.00455388	0.0505865	0.617808	-1.61862	0.365099	1.22283	1.22283	0.864521	1.0376	1.0376	0.138201	1.41205	1.41205	0.0122447	0.509373	-1.9632	0.995651	1.00118	1.00118	0.065713	1.56272	1.56272	0.000270008	3.63759	3.63759	0.463414	0.85101	-1.17507	7.5504	5.5877	0.657826	1
cg24769432	GPD2;GPD2	0.0278336	0.862983	1.04882	1.04882	0.00316107	0.328628	-3.04295	0.0440728	0.528164	-1.89335	0.46747	0.815454	-1.22631	0.268929	1.37397	1.37397	0.706502	0.90088	-1.11003	0.0163841	2.24691	2.24691	0.515623	0.833689	-1.19949	0.575792	0.855569	-1.16881	4.19658	5.06058	1.07189	1
cg09290120	GPD2;GPD2	0.0338839	0.0317057	0.231084	-4.32744	0.0862586	3.01192	3.01192	0.83526	1.12878	1.12878	0.939505	0.956807	-1.04514	0.00295523	0.0931211	-10.7387	0.460467	0.645881	-1.54827	0.300062	0.535406	-1.86774	0.0678363	0.304252	-3.28675	0.112747	0.366301	-2.73	3.91266	20.9709	4.76423	1
cg03230175	GPD2;GPD2	0.0426595	0.198818	0.539154	-1.85476	0.0286103	3.23784	3.23784	0.676294	1.21051	1.21051	0.378532	0.662955	-1.5084	0.0725353	0.40188	-2.48831	0.447957	0.703384	-1.4217	0.104724	0.446314	-2.24058	0.00785194	0.21183	-4.72078	0.117606	0.461518	-2.16676	3.59647	11.7903	2.91403	1
cg11697111	GPER;C7orf50;C7orf50;C7orf50;GPER;GPER	0.000338592	0.00985433	0.40562	-2.46536	0.206223	1.44607	1.44607	9.34E-05	6.87306	6.87306	0.0279341	2.05144	2.05144	0.018998	0.455833	-2.19378	0.0194169	2.18542	2.18542	0.0361511	1.96218	1.96218	0.021693	0.466523	-2.14352	0.000341023	4.93352	4.93352	15.9134	19.2883	1.0774	1
cg07904865	GPER;C7orf50;C7orf50;C7orf50;GPER;GPER	0.00456905	0.0726798	0.586825	-1.70408	0.0836837	1.66458	1.66458	0.255684	1.37144	1.37144	0.916648	0.972518	-1.02826	0.00144243	0.293495	-3.40721	0.58394	1.1586	1.1586	0.00728259	0.397989	-2.51263	0.00124832	0.285048	-3.50818	0.513807	0.838406	-1.19274	7.54278	8.4646	0.997522	1
cg15730481	GPER;C7orf50;C7orf50;GPER;C7orf50;GPER	0.0179883	0.608877	0.875074	-1.14276	0.0324574	1.91057	1.91057	0.227545	1.38757	1.38757	0.699397	1.10554	1.10554	0.96746	0.989507	-1.0106	0.129045	0.654334	-1.52827	0.00445207	0.374898	-2.66739	0.00652056	0.400883	-2.49449	0.214896	0.713489	-1.40156	4.87619	5.16376	0.94131	1
cg17333291	GPER;C7orf50;GPER;C7orf50;C7orf50;GPER	0.0368413	0.231461	0.728174	-1.3733	0.00552795	2.51325	2.51325	0.154394	1.47005	1.47005	0.8519	0.953862	-1.04837	0.0395785	1.825	1.825	0.837824	0.949521	-1.05316	0.06789	0.596404	-1.67672	0.204602	0.712969	-1.40259	0.459265	1.20979	1.20979	3.7958	3.84013	0.89927	1
cg21235678	GPER;C7orf50;C7orf50;C7orf50;GPER;GPER	0.0140135	0.892298	1.03379	1.03379	0.0142001	2.10046	2.10046	0.0538765	0.584544	-1.71074	0.006322	0.417994	-2.39238	0.0192156	0.499126	-2.0035	0.219473	0.728496	-1.37269	0.121374	0.662328	-1.50983	0.30973	1.29417	1.29417	0.0458142	0.570287	-1.7535	5.29821	5.04983	0.847217	1
cg27457078	GPER;GPER;C7orf50;GPER;GPER;C7orf50;C7orf50;GPER	0.00759991	?	?	?	0.0363538	4.58687	4.58687	0.000466261	31.3455	31.3455	0.192892	0.422027	-2.36951	0.202475	0.430675	-2.32194	0.136035	0.365806	-2.73369	0.558239	0.690277	-1.44869	0.362176	0.556353	-1.79742	0.254757	2.10524	2.10524	6.58012	36.3058	5.5175	1
cg11461808	GPER;GPER;C7orf50;GPER;GPER;C7orf50;C7orf50;GPER	0.020521	0.0264036	0.371218	-2.69384	0.60854	0.823292	-1.21464	0.030876	2.59646	2.59646	0.67689	0.854068	-1.17087	0.106947	0.515588	-1.93953	0.267568	1.54456	1.54456	0.0340035	2.53834	2.53834	0.0767171	0.476615	-2.09813	0.0229811	2.78365	2.78365	4.66358	10.4652	1.9947	1
cg12374682	GPHA2	0.0203904	0.549464	1.28467	1.28467	0.00127238	6.98818	6.98818	0.0134724	3.54416	3.54416	0.0117411	3.67664	3.67664	0.940843	1.03117	1.03117	0.432867	1.39243	1.39243	0.424693	1.40104	1.40104	0.0480553	2.54634	2.54634	0.0561829	2.44616	2.44616	4.67374	12.6638	2.4085	1
cg23301979	GPHB5	0.000253335	0.268977	0.881656	-1.13423	0.0671935	1.25161	1.25161	0.00732818	0.685083	-1.45968	0.189929	1.16403	1.16403	0.00957597	1.43176	1.43176	0.142566	0.841611	-1.1882	6.34E-06	0.332059	-3.01151	0.626739	1.05508	1.05508	0.103573	0.823033	-1.21502	17.2276	3.26581	0.168505	1
cg23271909	GPHB5	0.0172426	0.0597484	1.40485	1.40485	0.0320137	0.668987	-1.4948	0.2402	0.82138	-1.21746	0.715523	0.943115	-1.06032	0.133877	1.29522	1.29522	0.763147	0.95279	-1.04955	0.00147773	2.08339	2.08339	0.22349	0.814932	-1.2271	0.549328	1.1018	1.1018	4.94597	2.00562	0.360449	1
cg09826629	GPHB5	0.0336146	0.28327	1.24654	1.24654	0.588864	0.897749	-1.1139	0.219604	0.774785	-1.29068	0.786378	0.947718	-1.05517	0.0577565	0.654355	-1.52822	0.707982	0.92832	-1.07721	0.00142394	2.48998	2.48998	0.42595	1.17433	1.17433	0.847156	0.962574	-1.03888	3.92392	2.42832	0.550089	1
cg15824062	GPHN;GPHN	0.00164779	0.0656147	0.701026	-1.42648	0.00170807	0.46302	-2.15973	0.000551696	0.397721	-2.51433	0.0662345	0.701732	-1.42505	0.00414642	0.516476	-1.9362	0.0739031	0.710018	-1.40841	0.0821819	1.39244	1.39244	0.365058	1.17351	1.17351	0.0191954	1.62759	1.62759	10.1994	4.77429	0.416086	1
cg01428678	GPHN;GPHN	0.00180929	0.00593872	0.45101	-2.21725	0.0641349	0.63102	-1.58474	0.849738	0.958893	-1.04287	0.074223	1.55313	1.55313	0.00394896	0.423982	-2.35859	0.243188	0.763169	-1.31033	0.00012751	0.22876	-4.37139	0.0049451	0.438773	-2.27909	0.0376729	0.586506	-1.70501	9.92695	7.70081	0.689554	1
cg13489987	GPHN;GPHN	0.00215407	0.438226	1.17972	1.17972	0.000211328	0.274009	-3.64951	0.000572855	0.328075	-3.04808	0.272609	1.26956	1.26956	0.0291189	0.584221	-1.71168	0.967548	1.00854	1.00854	0.14472	1.38739	1.38739	0.524447	0.873869	-1.14434	0.122363	0.704719	-1.419	9.43533	6.52873	0.615062	1
cg02317375	GPHN;GPHN	0.0208268	0.59785	0.880111	-1.13622	0.00163772	0.338914	-2.9506	0.156195	0.694944	-1.43897	0.721311	0.917659	-1.08973	0.560343	0.868257	-1.15173	0.0296991	0.541212	-1.8477	0.445993	1.20487	1.20487	0.852758	1.04558	1.04558	0.00494033	0.409372	-2.44277	4.64013	4.22972	0.810269	1
cg10899425	GPHN;GPHN	0.0375663	0.0640627	0.548901	-1.82182	0.002152	0.288821	-3.46236	0.113498	0.608724	-1.64278	0.848391	0.946329	-1.05671	0.465407	0.807244	-1.23878	0.361589	1.31037	1.31037	0.321433	1.34348	1.34348	0.174243	1.5168	1.5168	0.538036	0.835509	-1.19688	3.76892	4.95915	1.1696	1
cg18077249	GPHN;GPHN	0.0382827	0.122057	0.611932	-1.63417	0.417566	0.784443	-1.27479	0.0191552	0.43573	-2.295	0.169082	0.650919	-1.53629	0.00921673	0.379562	-2.63462	0.0653579	0.545402	-1.83351	0.464345	1.2439	1.2439	0.0582653	0.534102	-1.8723	0.0113832	0.395191	-2.53042	3.74297	5.09136	1.20911	1
cg16777028	GPHN;GPHN	0.0384369	0.188573	0.718277	-1.39222	0.0851237	1.57655	1.57655	0.584574	1.13902	1.13902	0.993656	1.00187	1.00187	0.133399	1.47056	1.47056	0.0167283	2.03379	2.03379	0.0165928	0.491045	-2.03647	0.130593	0.677758	-1.47545	0.324693	1.27203	1.27203	4.08641	3.51154	0.668361	1
cg00006032	GPHN;GPHN;GPHN;GPHN	0.0458544	0.448408	0.908297	-1.10096	0.0855039	1.267	1.267	0.999824	0.999972	-1.00003	0.247761	0.860328	-1.16235	0.904132	0.985111	-1.01511	0.668994	0.947864	-1.055	0.00202932	0.581714	-1.71906	0.298927	1.14344	1.14344	0.306144	1.14101	1.14101	3.50075	0.859381	0.218208	1
cg26615712	GPI	0.00705898	0.252454	1.79713	1.79713	0.178209	0.495853	-2.01673	0.18191	0.499166	-2.00334	0.0010693	0.0934321	-10.703	0.870982	1.08297	1.08297	0.313447	1.66736	1.66736	0.00895843	5.10437	5.10437	0.0750005	2.64406	2.64406	0.0408266	3.1827	3.1827	6.59783	25.1271	3.38523	1
cg21552029	GPI	0.0101579	0.0766956	0.737939	-1.35513	0.00340669	1.84845	1.84845	0.103987	0.760044	-1.31571	0.226945	1.21628	1.21628	0.494865	0.898539	-1.11292	0.947807	0.989946	-1.01016	0.0522039	0.711167	-1.40614	0.00467968	0.559707	-1.78665	0.0867868	0.746805	-1.33904	5.88106	2.21902	0.335392	1
cg02359181	GPI	0.0292296	0.82602	1.02979	1.02979	0.157637	0.817546	-1.22317	0.139402	0.808906	-1.23624	0.512852	0.915316	-1.09252	0.103153	0.788451	-1.26831	0.0024151	0.569315	-1.7565	0.00325923	0.585775	-1.70714	0.435588	0.899376	-1.11188	0.883359	0.980617	-1.01977	4.12471	1.16122	0.250248	1
cg01263541	GPI	0.0339315	0.0114524	0.27844	-3.59144	0.257974	0.620642	-1.61124	0.42767	0.720903	-1.38715	0.466004	1.34958	1.34958	0.00405497	0.21028	-4.75555	0.337904	0.670844	-1.49066	0.00964571	0.266139	-3.75743	0.777325	0.891745	-1.1214	0.709315	0.859573	-1.16337	3.91068	10.1141	2.29892	1
cg08293483	GPIHBP1	7.19E-05	8.83E-06	0.16266	-6.1478	0.00118624	0.408402	-2.44857	0.00437979	0.488307	-2.04789	0.451822	1.15533	1.15533	6.58E-06	0.151235	-6.61224	0.0395831	0.63869	-1.5657	0.00674857	0.516059	-1.93776	0.212582	0.780911	-1.28056	0.96642	0.992102	-1.00796	24.1787	13.587	0.499502	1
cg21537297	GPIHBP1	0.0172344	0.633649	0.88447	-1.13062	0.930145	1.02267	1.02267	0.000724848	0.26862	-3.72273	0.61205	0.877423	-1.1397	0.661704	0.893527	-1.11916	0.28468	1.32864	1.32864	0.0222015	0.496107	-2.01569	0.0149601	0.465336	-2.14899	0.70976	0.908837	-1.10031	4.94676	5.12193	0.920366	1
cg23283667	GPIHBP1	0.0320289	0.654188	0.887731	-1.12647	0.121201	0.64159	-1.55863	0.00762525	0.404106	-2.4746	0.170927	1.46972	1.46972	0.00441168	0.366501	-2.7285	0.317322	0.761083	-1.31392	0.306061	1.32298	1.32298	0.930517	1.0233	1.0233	0.289899	0.748176	-1.33658	3.99259	4.41094	0.982028	1
cg24562355	GPKOW	0.000782543	0.162537	1.50866	1.50866	0.000756045	0.244489	-4.09017	0.00181824	0.294486	-3.39574	0.516825	1.19875	1.19875	5.26E-05	0.124455	-8.03506	0.473718	1.22259	1.22259	0.538547	1.18738	1.18738	0.878196	1.04321	1.04321	0.243397	0.714151	-1.40026	12.6101	15.1927	1.07093	1
cg10494806	GPKOW	0.0115024	0.0445344	0.389933	-2.56454	0.364124	1.46334	1.46334	0.735277	0.870627	-1.1486	0.378462	1.44613	1.44613	0.0177242	0.308107	-3.24562	0.191102	0.56831	-1.7596	0.00325179	0.194319	-5.14617	0.00845361	3.94583	3.94583	0.461637	0.736432	-1.3579	5.65047	14.9144	2.34622	1
cg01528616	GPKOW	0.0201977	0.809946	0.882251	-1.13346	0.670871	1.2489	1.2489	0.248748	0.534252	-1.87178	0.632185	0.778215	-1.28499	0.00995806	0.184069	-5.43274	0.0768888	0.359541	-2.78132	0.0018055	0.0995156	-10.0487	0.0269223	0.256007	-3.90614	0.0189086	0.22805	-4.385	4.68886	20.0776	3.8062	1
cg13108852	GPKOW	0.0255027	0.606188	1.07992	1.07992	0.515706	0.907147	-1.10236	0.127703	0.783864	-1.27573	0.60574	1.08003	1.08003	0.000949876	0.482669	-2.07181	0.252318	0.83794	-1.1934	0.0518108	1.3871	1.3871	0.96085	0.992768	-1.00728	0.840718	1.0302	1.0302	4.32713	1.49832	0.307787	1
cg03360374	GPKOW	0.0491451	0.131831	0.497831	-2.00871	0.636888	0.815542	-1.22618	0.743782	1.15101	1.15101	0.00504798	4.90424	4.90424	0.302408	1.5811	1.5811	0.0194731	0.297875	-3.35712	0.913687	1.04759	1.04759	0.786405	1.12353	1.12353	0.870003	0.932175	-1.07276	3.41039	9.93217	2.58873	1
cg09012091	GPLD1	0.000756569	0.818726	1.07913	1.07913	0.0327725	0.436673	-2.29005	0.00162864	0.223675	-4.47077	0.00201931	0.235787	-4.24111	6.99E-05	0.0899647	-11.1155	0.864472	0.944903	-1.05831	0.326357	1.39956	1.39956	0.000594659	0.172269	-5.80488	0.124426	0.575868	-1.73651	12.7303	22.1886	1.54931	1
cg23562023	GPLD1	0.0150546	0.633397	0.921439	-1.08526	0.0269735	0.640184	-1.56205	0.0632585	0.700687	-1.42717	0.194301	1.26341	1.26341	0.00132071	0.451334	-2.21565	0.406848	1.15544	1.15544	0.069608	1.41277	1.41277	0.45914	0.879549	-1.13695	0.162183	0.775599	-1.28933	5.17447	2.37613	0.408179	1
cg26216141	GPLD1;GPLD1	1.47E-05	0.0354565	0.783211	-1.2768	0.0682683	1.22596	1.22596	1.41E-06	0.293588	-3.40614	0.00972522	0.721547	-1.38591	6.36E-06	0.365982	-2.73237	0.144384	1.16937	1.16937	2.96E-05	0.441954	-2.26268	0.208629	0.876101	-1.14142	0.853621	0.981738	-1.0186	36.7363	5.79402	0.140195	1
cg25251442	GPLD1;GPLD1	0.00734562	0.778712	0.893745	-1.11889	0.292686	0.647061	-1.54545	0.00107224	0.145608	-6.86776	0.0323728	0.368238	-2.71564	0.00131892	0.155132	-6.44613	0.597332	0.808499	-1.23686	0.00356072	0.207045	-4.82986	0.792448	0.900181	-1.11089	0.145002	0.53572	-1.86665	6.5163	16.4108	2.23859	1
cg14023451	GPLD1;GPLD1	0.0108645	0.334524	0.711125	-1.40622	0.0877077	0.524343	-1.90715	0.00129022	0.200612	-4.98474	0.152049	0.591215	-1.69143	0.0030649	0.24936	-4.01026	0.268264	0.673701	-1.48434	0.971934	1.01212	1.01212	0.852641	0.938295	-1.06576	0.00328588	0.253595	-3.9433	5.75545	10.6942	1.65165	1
cg00339769	GPLD1;GPLD1	0.0180212	0.0881002	0.684256	-1.46144	0.0464916	1.58359	1.58359	0.521024	0.877093	-1.14013	0.0948704	0.690706	-1.44779	0.00325339	0.445329	-2.24553	0.0258386	0.586567	-1.70484	0.213861	1.30194	1.30194	0.685581	1.08552	1.08552	0.0693339	0.663907	-1.50624	4.8732	3.13677	0.572159	1
cg00729264	GPLD1;GPLD1	0.0187966	0.0746229	0.431342	-2.31835	0.886019	1.06261	1.06261	0.0500499	0.388269	-2.57553	0.131339	0.50173	-1.9931	0.00125453	0.13605	-7.35024	0.397477	0.692931	-1.44315	0.00380357	0.191553	-5.22049	0.494475	0.745467	-1.34144	0.0703038	0.424603	-2.35514	4.8045	13.6407	2.52369	1
cg02346062	GPLD1;GPLD1	0.021198	0.602289	0.882632	-1.13297	0.210518	1.36795	1.36795	0.695377	1.09795	1.09795	0.796643	0.940521	-1.06324	0.000706353	0.293556	-3.4065	0.0530765	0.593372	-1.68528	0.841521	0.953574	-1.04869	0.123309	1.48647	1.48647	0.720761	0.918302	-1.08897	4.61222	4.11892	0.793818	1
cg06067593	GPM6A;GPM6A	7.33E-06	1.97E-06	0.123132	-8.12138	0.00102895	0.420615	-2.37747	0.000419777	0.369514	-2.70626	0.0128568	0.576932	-1.73331	3.44E-07	0.0723182	-13.8278	0.0177622	0.598557	-1.67068	0.680203	0.928861	-1.07659	0.131209	1.33663	1.33663	0.00105393	0.422013	-2.3696	43.9713	22.0775	0.4463	1
cg19639622	GPM6A;GPM6A	0.00610609	0.348644	0.917414	-1.09002	0.298489	0.908217	-1.10106	0.0139031	0.762255	-1.3119	0.20885	1.12564	1.12564	0.270645	0.902614	-1.10789	0.282134	0.904976	-1.105	0.00013186	0.552918	-1.80859	0.0317004	0.798534	-1.25229	0.261192	0.900614	-1.11035	6.90169	0.87233	0.11235	1
cg19116814	GPM6A;GPM6A	0.0300176	0.977077	0.990316	-1.00978	0.0464061	0.461782	-2.16553	0.00106239	0.194185	-5.14972	0.490207	1.26791	1.26791	0.817679	1.08135	1.08135	0.397616	0.745769	-1.3409	0.175851	0.614183	-1.62818	0.139331	0.583431	-1.714	0.305752	1.43212	1.43212	4.08598	7.42294	1.61483	1
cg20450979	GPM6A;GPM6A;GPM6A;GPM6A	0.007791	0.0236132	1.41651	1.41651	0.0848391	0.7823	-1.27828	0.422071	0.899736	-1.11144	0.00898223	0.651786	-1.53425	0.620757	1.06636	1.06636	0.774886	0.963733	-1.03763	0.000481369	0.493853	-2.02489	0.354367	0.884481	-1.13061	0.900521	0.984018	-1.01624	6.39717	1.68161	0.23366	1
cg22478591	GPM6A;GPM6A;GPM6A;GPM6A	0.0111157	0.104474	1.30482	1.30482	0.755716	0.95429	-1.0479	0.0019968	1.92358	1.92358	0.572566	1.08925	1.08925	0.4196	0.883703	-1.1316	0.453193	0.891757	-1.12138	0.00343633	0.551112	-1.81451	0.0653071	1.3637	1.3637	0.7588	1.04726	1.04726	5.71321	2.0338	0.316428	1
cg17588373	GPM6B	0.00585797	0.00759069	0.414813	-2.41072	0.165532	1.46086	1.46086	0.265356	1.34643	1.34643	0.911156	0.971802	-1.02902	0.0105287	0.438318	-2.28145	0.0134232	2.1914	2.1914	0.683219	0.900196	-1.11087	0.010895	2.26848	2.26848	0.0204422	0.488757	-2.04601	6.99063	7.27097	0.924536	1
cg21229055	GPM6B	0.00842361	0.00445131	0.4012	-2.49252	0.00915163	0.450781	-2.21837	0.0667204	1.64021	1.64021	0.364501	1.25144	1.25144	0.270022	0.758466	-1.31845	0.0874618	1.57478	1.57478	0.612891	0.884435	-1.13067	0.0325658	1.82602	1.82602	0.0390423	1.77707	1.77707	6.24179	5.72747	0.815645	1
cg21745079	GPM6B	0.0189227	0.350406	0.657784	-1.52026	0.0142433	3.73447	3.73447	0.105349	2.1622	2.1622	0.347188	1.52478	1.52478	0.0210705	0.298459	-3.35054	0.0299675	3.04293	3.04293	0.173457	1.87985	1.87985	0.00924375	4.21965	4.21965	0.960858	1.02162	1.02162	4.79366	14.4196	2.67382	1
cg01310267	GPM6B;GPM6B	0.0396822	0.065443	0.202684	-4.93378	0.00177024	0.0279319	-35.8014	0.0758207	0.218016	-4.58683	0.366444	0.493487	-2.02639	0.195075	0.350667	-2.85171	0.828024	0.847932	-1.17934	?	?	?	0.0378809	0.154402	-6.47659	0.193847	0.349521	-2.86106	4.09265	32.4106	6.92933	1
cg17671242	GPM6B;GPM6B;GPM6B;GPM6B	0.00876499	0.361824	1.49441	1.49441	0.173193	0.537319	-1.86109	0.520807	0.756577	-1.32174	0.18357	1.8307	1.8307	0.788645	1.12205	1.12205	0.000240077	0.0738898	-13.5337	0.526572	0.759571	-1.31653	0.187961	0.549921	-1.81844	0.0762958	2.32852	2.32852	6.16386	17.932	2.58597	1
cg13867326	GPM6B;GPM6B;GPM6B;GPM6B	0.016402	0.0558132	2.17991	2.17991	0.938794	1.028	1.028	0.177322	0.5971	-1.67476	0.00213703	4.71854	4.71854	0.206471	1.61484	1.61484	0.882155	1.0548	1.0548	0.65605	0.851106	-1.17494	0.00274838	4.42028	4.42028	0.407573	1.35619	1.35619	5.02927	10.3031	1.821	1
cg03146637	GPN1;CCDC121;CCDC121;GPN1;CCDC121;GPN1;GPN1;GPN1	0.0040015	?	?	?	?	?	?	0.960533	1.0166	1.0166	0.000351647	0.126201	-7.92385	?	?	?	0.200585	1.57411	1.57411	0.0261369	0.405588	-2.46556	0.149969	0.595019	-1.68062	0.135079	1.72005	1.72005	9.87278	11.301	1.33544	1
cg12943539	GPN1;GPN1;GPN1;CCDC121;CCDC121;CCDC121;GPN1;GPN1;GPN1;CCDC121	0.00144308	0.711713	1.06288	1.06288	0.18896	1.2569	1.2569	0.410975	0.870988	-1.14812	0.180744	0.791766	-1.263	0.0123815	0.599582	-1.66783	0.948589	1.01065	1.01065	5.51E-05	0.291354	-3.43225	0.00227866	0.496053	-2.01592	0.163248	1.27697	1.27697	10.5969	4.53011	0.379996	1
cg06083525	GPN2	0.00286737	0.0236103	0.748141	-1.33665	0.000165783	1.99154	1.99154	0.135808	1.18836	1.18836	0.60747	1.0572	1.0572	0.994767	1.0007	1.0007	0.0671291	0.802284	-1.24644	0.748818	1.03509	1.03509	0.0443463	1.28139	1.28139	0.0110722	1.40779	1.40779	8.67369	1.58329	0.162257	1
cg11674844	GPN2	0.00688698	0.511223	0.879861	-1.13654	0.0230124	0.593172	-1.68585	0.596596	0.90248	-1.10806	0.0121097	0.548364	-1.82361	0.0282985	0.608129	-1.64439	0.779808	1.05531	1.05531	0.000749413	0.374424	-2.67077	0.128696	1.37082	1.37082	0.0834982	1.44482	1.44482	6.64876	3.8854	0.519449	1
cg11335495	GPN2	0.0200556	0.00484772	0.348275	-2.87129	0.00129294	0.26615	-3.75728	0.338875	0.757042	-1.32093	0.0638754	0.555389	-1.80054	0.303031	0.739915	-1.35151	0.928815	1.02555	1.02555	0.269371	1.3837	1.3837	0.640732	0.875726	-1.14191	0.541263	0.839785	-1.19078	4.70013	5.93411	1.12226	1
cg05549769	GPN2	0.0293487	0.0123298	0.463013	-2.15977	0.645225	0.891764	-1.12137	0.35188	0.789204	-1.2671	0.372562	0.797556	-1.25383	0.0986125	0.639204	-1.56445	0.0538703	0.58226	-1.71745	0.0102505	0.449504	-2.22468	0.00427062	0.388828	-2.57183	0.027313	0.524516	-1.90652	4.11877	3.98288	0.859562	1
cg24367850	GPN2;GPATCH3	8.66E-05	0.068089	1.31058	1.31058	0.966879	1.00551	1.00551	0.552172	1.08288	1.08288	0.0520832	1.33981	1.33981	7.61E-05	0.386843	-2.58503	3.20E-05	0.342438	-2.92024	2.53E-05	0.330719	-3.02371	0.411639	0.894819	-1.11754	0.0773896	0.77113	-1.2968	23.0084	6.3862	0.246719	1
cg24939819	GPN2;GPATCH3	0.00591164	0.00198019	0.342152	-2.92268	0.00160877	0.329477	-3.03511	0.106201	0.648534	-1.54194	0.0921948	0.634487	-1.57608	0.000963931	0.299292	-3.34122	0.00892382	0.441961	-2.26265	0.101667	0.644157	-1.55242	0.0798799	0.620639	-1.61124	0.160073	0.691842	-1.44542	6.971	6.65111	0.8481	1
cg25271147	GPN2;GPN2	0.0236786	0.101423	0.581596	-1.71941	0.0887258	1.76372	1.76372	0.285083	1.3987	1.3987	0.756157	0.91016	-1.09871	0.00208207	0.269977	-3.70401	0.0402029	0.48852	-2.047	0.153075	0.629777	-1.58786	0.691106	1.12829	1.12829	0.371391	1.31965	1.31965	4.44006	6.42217	1.2857	1
cg19666600	GPN3;C12orf24	0.00122646	0.160334	0.608864	-1.6424	0.688132	0.875048	-1.14279	0.00840996	0.328437	-3.04472	0.0143033	0.368162	-2.7162	0.0120325	0.354855	-2.81805	0.249443	0.671538	-1.48912	0.0044493	3.50873	3.50873	0.701401	0.880342	-1.13592	8.06E-05	0.095012	-10.525	11.1024	19.2416	1.54053	1
cg04987654	GPN3;GPN3;C12orf24;GPN3	0.0397723	0.136165	0.559123	-1.78852	0.694788	1.15347	1.15347	0.492175	0.776799	-1.28733	0.742953	1.12654	1.12654	0.831785	1.08006	1.08006	0.302175	1.47256	1.47256	0.00110879	0.175501	-5.69797	0.977029	0.98963	-1.01048	0.265573	1.52205	1.52205	3.69089	7.6629	1.84548	1
cg07135601	GPN3;GPN3;C12orf24;GPN3;C12orf24	0.00787076	0.0300835	0.425707	-2.34904	0.00904444	0.329318	-3.03658	0.219553	1.54063	1.54063	0.368385	1.36246	1.36246	0.576769	1.20774	1.20774	0.000859388	0.187203	-5.34179	0.763547	0.903934	-1.10628	0.424823	1.3137	1.3137	0.0706931	1.96626	1.96626	6.37673	11.3181	1.57769	1
cg05835802	GPN3;GPN3;C12orf24;GPN3;GPN3;C12orf24	0.0161142	0.532367	0.920661	-1.08618	0.0417834	1.35894	1.35894	0.00161312	1.80575	1.80575	0.103267	1.26228	1.26228	0.313238	1.14606	1.14606	0.0799494	0.775733	-1.2891	0.0426449	0.737087	-1.35669	0.816618	1.03083	1.03083	0.993422	0.998923	-1.00108	5.05901	1.36883	0.240509	1
cg26517004	GPN3;GPN3;GPN3	9.30E-05	0.000875733	0.331356	-3.0179	0.0100447	0.487144	-2.05278	0.30913	1.26235	1.26235	0.654019	1.10501	1.10501	3.25E-05	0.167268	-5.97844	0.000409759	0.288758	-3.46311	9.73E-06	0.121669	-8.21901	0.836548	0.955304	-1.04679	0.0188861	0.532906	-1.8765	22.5715	17.5138	0.689713	1
cg01061553	GPN3;GPN3;GPN3	0.0250693	0.00750626	0.25771	-3.88033	0.0047433	0.228114	-4.38378	0.109545	0.502846	-1.98868	0.0709347	0.451575	-2.21447	0.0275209	0.358029	-2.79307	0.0928086	0.482526	-2.07243	0.0165409	0.315476	-3.16982	0.709618	1.1588	1.1588	0.169636	0.561881	-1.77974	4.35304	10.7045	2.18585	1
cg07649619	GPN3;GPN3;GPN3;C12orf24	0.000169239	?	?	?	0.0125879	1.25436	1.25436	0.000164243	1.82372	1.82372	0.00039625	0.606917	-1.64767	?	?	?	?	?	?	0.000143313	0.538928	-1.85554	0.0125074	1.25483	1.25483	0.580266	1.03584	1.03584	60.0512	2.28248	0.031674	1
cg19020694	GPN3;GPN3;GPN3;GPN3;GPN3;C12orf24	0.000204102	0.0491626	0.7826	-1.27779	0.000255011	1.93028	1.93028	0.610573	0.945477	-1.05767	0.275665	0.883561	-1.13178	0.616004	1.05675	1.05675	3.22E-05	0.413549	-2.41809	0.30754	0.891093	-1.12222	0.0274602	1.32937	1.32937	0.00118993	1.67987	1.67987	18.2703	3.44825	0.167765	1
cg20883137	GPNMB;GPNMB	0.00314903	0.00141778	0.376007	-2.65953	0.396878	0.832151	-1.2017	0.0368773	0.598439	-1.67102	0.203393	0.752502	-1.3289	9.82E-05	0.230983	-4.32932	0.320021	0.804421	-1.24313	0.00719596	0.479624	-2.08497	0.357308	0.818318	-1.22202	0.316046	0.802881	-1.24551	8.43569	5.99306	0.631503	1
cg17274742	GPNMB;GPNMB	0.00584823	0.283517	0.768434	-1.30135	0.119881	1.49016	1.49016	0.0150778	0.493567	-2.02607	0.0130582	0.482918	-2.07074	0.000999887	0.315023	-3.17438	0.0260368	0.535571	-1.86716	0.0205527	0.517068	-1.93398	0.500471	1.17547	1.17547	0.0106679	0.468209	-2.1358	6.99422	6.1904	0.786733	1
cg04651137	GPNMB;GPNMB	0.0166091	0.0525269	4.63088	4.63088	0.0085143	10.3252	10.3252	0.111254	3.34089	3.34089	0.243249	2.33728	2.33728	0.0135871	8.35769	8.35769	0.022008	6.75293	6.75293	0.00325798	16.2693	16.2693	0.00678924	11.4626	11.4626	0.0991156	3.51507	3.51507	5.00825	38.346	6.80583	1
cg11700356	GPNMB;GPNMB	0.020237	0.0319378	6.23784	6.23784	0.0275541	6.67108	6.67108	0.0426465	5.4719	5.4719	0.0814092	4.08234	4.08234	0.162676	2.9606	2.9606	0.0216892	7.44244	7.44244	0.00355534	17.7576	17.7576	0.00918654	11.1211	11.1211	0.0169762	8.33234	8.33234	4.68576	39.3584	7.46629	1
cg20599066	GPNMB;GPNMB	0.0234458	0.0436459	6.62566	6.62566	0.0234402	9.08992	9.08992	0.0458341	6.46359	6.46359	0.147914	3.545	3.545	0.0356699	7.33909	7.33909	0.0382987	7.07916	7.07916	0.0023243	32.0455	32.0455	0.0143321	11.7231	11.7231	0.0771075	4.96494	4.96494	4.45525	46.8979	9.35684	1
cg21459215	GPNMB;GPNMB	0.023797	0.0436862	0.692425	-1.4442	0.674864	1.06916	1.06916	0.677434	1.06855	1.06855	0.0378579	0.682728	-1.46471	0.000934475	0.457082	-2.18779	0.958947	0.991874	-1.00819	0.060577	0.715069	-1.39847	0.794524	1.04224	1.04224	0.425869	0.879077	-1.13756	4.43241	1.76369	0.353696	1
cg06179765	GPNMB;GPNMB	0.0338427	0.0471282	14.4319	14.4319	0.0626821	11.7195	11.7195	0.0639504	11.5492	11.5492	0.136792	6.57556	6.57556	0.0269047	21.7502	21.7502	0.0374839	17.0575	17.0575	0.00499828	78.6574	78.6574	0.0136209	36.099	36.099	0.0692329	10.8976	10.8976	3.91438	85.5977	19.4378	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08455073	GPNMB;GPNMB;GPNMB;GPNMB	0.0119698	0.0441524	0.49002	-2.04073	0.764768	1.09699	1.09699	0.0259292	0.442358	-2.26061	0.0110911	0.374395	-2.67098	0.00421381	0.306617	-3.26139	0.0603418	0.520243	-1.92218	0.00251144	0.27398	-3.6499	0.765997	0.91204	-1.09644	0.0216559	0.427182	-2.34092	5.57805	8.40711	1.33971	1
cg11033833	GPR101	0.0119775	0.00693604	0.270742	-3.69355	0.22019	1.61946	1.61946	0.181495	0.588327	-1.69973	0.543447	1.25861	1.25861	0.00699569	0.271322	-3.68566	0.00336517	0.224973	-4.44497	0.133758	0.546173	-1.83092	0.427588	1.3538	1.3538	0.376924	1.40367	1.40367	5.57689	12.3536	1.96902	1
cg23186825	GPR101	0.0272646	0.196689	1.99443	1.99443	0.314681	1.6919	1.6919	0.937516	1.04045	1.04045	0.077307	0.370368	-2.70002	0.0391256	0.298963	-3.3449	0.0119323	0.204591	-4.88779	0.0188684	4.21426	4.21426	0.240372	1.86207	1.86207	0.636303	1.27241	1.27241	4.22717	17.1249	3.60101	1
cg13577715	GPR107;GPR107;GPR107	0.00253506	0.00550348	0.60449	-1.65429	0.459261	0.90128	-1.10953	0.00133286	0.525459	-1.9031	0.141844	0.80424	-1.24341	0.000575196	0.479498	-2.08551	0.798037	0.965249	-1.036	0.0183918	0.673983	-1.48372	0.0213715	0.682866	-1.46442	0.000714867	0.491329	-2.0353	8.99509	2.71047	0.267847	1
cg14588406	GPR107;GPR107;GPR107	0.0183407	0.379201	0.625443	-1.59887	0.000667171	0.0665982	-15.0154	0.00766652	0.168174	-5.94622	0.925501	0.952512	-1.04986	0.329825	0.592665	-1.68729	0.223842	0.514392	-1.94404	0.0408563	0.292899	-3.41415	0.264677	0.546211	-1.8308	0.687989	1.23368	1.23368	4.84446	20.7626	3.80965	1
cg12009606	GPR108;GPR108	0.00184388	0.529892	1.28308	1.28308	0.151118	1.84996	1.84996	0.864208	0.935421	-1.06904	0.000214491	0.0516263	-19.37	0.00319062	0.169841	-5.88785	?	?	?	?	?	?	0.018125	0.29984	-3.33511	?	?	?	16.0511	24.5344	1.52852	1
cg24688926	GPR108;GPR108	0.00277536	0.0157462	1.42284	1.42284	0.625004	1.06046	1.06046	0.205157	1.1727	1.1727	0.0606787	1.28663	1.28663	0.000106392	2.25954	2.25954	0.597744	1.06551	1.06551	0.0135174	0.694683	-1.43951	0.414589	0.905394	-1.10449	0.845382	0.977001	-1.02354	8.75784	1.96986	0.199934	1
cg10108626	GPR108;GPR108	0.00462533	0.230317	1.22955	1.22955	0.000491535	2.45067	2.45067	0.375682	1.16101	1.16101	0.217186	0.807996	-1.23763	0.0013153	0.464084	-2.15478	0.809835	0.961187	-1.04038	0.364927	0.858243	-1.16517	0.591941	1.09292	1.09292	0.554315	1.1032	1.1032	7.51478	3.20906	0.379586	1
cg21986821	GPR108;GPR108	0.0214104	0.0129348	0.142033	-7.0406	0.029063	0.196443	-5.09054	0.0128731	0.141757	-7.05433	0.564846	0.692029	-1.44503	0.00852081	0.119589	-8.36195	0.0346759	0.210615	-4.748	0.00904846	0.122618	-8.15542	0.168183	0.394943	-2.53201	0.0292795	0.19702	-5.07563	4.59652	29.131	5.63345	1
cg25244238	GPR108;GPR108	0.0214743	0.0304607	3.4884	3.4884	0.250183	0.554138	-1.8046	0.900107	1.06364	1.06364	0.15191	2.12573	2.12573	0.113129	2.33281	2.33281	0.924825	0.954693	-1.04746	0.0024739	7.90248	7.90248	0.0171668	4.16512	4.16512	0.0254321	3.68727	3.68727	4.59184	17.552	3.39772	1
cg21509819	GPR108;GPR108	0.0256411	0.197151	1.23747	1.23747	0.0123153	1.62759	1.62759	0.00540865	1.77206	1.77206	0.199685	0.809178	-1.23582	0.399217	0.873828	-1.14439	0.390329	0.871485	-1.14747	0.0707144	0.72935	-1.37108	0.487912	0.895721	-1.11642	0.507056	1.11092	1.11092	4.31897	1.67051	0.343809	1
cg15997635	GPR108;GPR108	0.0381001	0.799794	1.02775	1.02775	0.77789	1.03093	1.03093	0.88609	0.984679	-1.01556	0.634266	0.949687	-1.05298	0.0121197	0.714012	-1.40054	0.199014	0.863997	-1.15741	0.00134187	0.605346	-1.65195	0.72017	0.961994	-1.03951	0.784189	0.970863	-1.03001	3.74952	0.689005	0.16334	1
cg27066829	GPR108;GPR108;GPR108	0.00683479	0.102071	1.16487	1.16487	0.202342	1.12165	1.12165	0.987905	1.00129	1.00129	0.350914	1.08533	1.08533	0.331112	0.918032	-1.08929	0.610745	0.957164	-1.04475	0.000262085	0.599456	-1.66818	0.0388881	1.22622	1.22622	0.204447	1.12098	1.12098	6.66453	0.767444	0.102399	1
cg15447924	GPR109A	4.30E-05	0.614399	0.91954	-1.0875	0.00121341	0.457428	-2.18614	0.000648963	0.421637	-2.37171	6.75E-05	0.299767	-3.33592	1.36E-05	0.222791	-4.4885	0.0857414	0.730826	-1.36831	8.67E-06	0.202737	-4.93249	0.00175997	0.479087	-2.08731	0.000128234	0.332991	-3.00308	27.7068	11.9642	0.383835	1
cg27306537	GPR109A	0.00248372	0.137184	0.804373	-1.2432	0.434306	1.11458	1.11458	0.456261	0.90197	-1.10868	0.277742	0.857715	-1.16589	0.609084	1.07265	1.07265	0.0145011	1.50613	1.50613	0.0276217	0.701778	-1.42495	0.676202	0.944487	-1.05878	7.11E-05	0.37351	-2.6773	9.04942	2.64997	0.260296	1
cg22192744	GPR109A	0.0100271	0.534555	0.856271	-1.16785	0.442384	1.21316	1.21316	0.236281	0.736275	-1.35819	0.406696	0.811074	-1.23293	0.000435748	0.253696	-3.94172	0.258131	1.33789	1.33789	0.003756	0.380958	-2.62496	0.792685	0.937085	-1.06714	0.933668	1.02075	1.02075	5.9055	5.69219	0.856782	1
cg12148898	GPR110;GPR110	0.00987341	0.247537	0.631786	-1.58281	0.519022	0.780127	-1.28184	0.000736072	0.14257	-7.01412	0.0180401	0.335848	-2.97754	0.00101167	0.156852	-6.37545	0.256986	0.638041	-1.5673	0.442935	0.74295	-1.34599	0.495366	0.768779	-1.30076	0.152381	0.558628	-1.7901	5.93474	13.5598	2.03095	1
cg09556286	GPR110;GPR110	0.0370218	0.00299722	0.223603	-4.47221	0.559227	0.804681	-1.24273	0.450651	1.32688	1.32688	0.650972	1.18245	1.18245	0.0547225	0.448511	-2.2296	0.0524368	0.444159	-2.25144	0.860854	0.937479	-1.06669	0.108566	1.90425	1.90425	0.239917	0.635844	-1.57271	3.78905	8.12564	1.90623	1
cg16361253	GPR111	3.51E-08	0.10336	1.14296	1.14296	1.58E-08	7.79602	7.79602	0.000861328	1.48592	1.48592	1.07E-06	0.328025	-3.04855	3.26E-08	0.157365	-6.35464	1.25E-05	0.461174	-2.16838	9.29E-08	0.20391	-4.90412	0.000560866	0.65321	-1.5309	2.71E-05	0.502378	-1.99053	293.455	24.8946	0.0659811	1
cg18133076	GPR111	0.000689173	0.0445933	0.464227	-2.15412	0.00433397	0.281194	-3.55627	0.0201499	0.393528	-2.54111	0.00140389	0.214537	-4.66121	0.000194276	0.124117	-8.05691	0.344255	1.3829	1.3829	0.000118624	0.106355	-9.40246	0.00400977	0.276206	-3.62048	0.0266084	0.417102	-2.39749	13.0679	22.917	1.55884	1
cg06386482	GPR111	0.00324299	0.00651519	0.259941	-3.84702	0.868433	1.06521	1.06521	0.147081	0.552702	-1.80929	0.858138	1.07056	1.07056	0.440742	1.34931	1.34931	0.0316163	0.382773	-2.61252	0.000117652	0.076585	-13.0574	0.0819841	2.0842	2.0842	0.583127	0.809601	-1.23518	8.36214	19.2319	2.04433	1
cg18841952	GPR111	0.0176592	0.0484596	0.351758	-2.84286	0.561149	0.761613	-1.313	0.00873355	0.212607	-4.70352	0.0340962	0.317884	-3.1458	0.942549	0.96715	-1.03397	0.0186723	0.266822	-3.74781	0.0246898	0.289513	-3.45408	0.0520371	0.359042	-2.78519	0.00221649	0.137122	-7.29279	4.90654	16.6897	3.02357	1
cg18184910	GPR111	0.0303434	0.951647	1.01838	1.01838	0.394167	0.76941	-1.2997	0.233796	0.687357	-1.45485	0.854785	0.946462	-1.05657	0.00241868	0.281205	-3.55613	0.00835806	0.363445	-2.75145	0.016783	0.416208	-2.40265	0.872673	0.95297	-1.04935	0.134777	0.616153	-1.62297	4.07033	5.81515	1.26992	1
cg23347120	GPR111	0.0436612	0.157544	0.673416	-1.48497	0.00560313	0.38614	-2.58973	0.408181	0.801454	-1.24773	0.0453182	0.548425	-1.8234	0.771281	0.926577	-1.07924	0.0532349	1.77633	1.77633	0.112156	0.636018	-1.57228	0.123032	0.645902	-1.54822	0.199865	0.701658	-1.4252	3.56553	3.86505	0.963559	1
cg07901571	GPR111;GPR115	0.0202659	0.0649534	0.507008	-1.97235	0.325269	0.716841	-1.39501	0.000751641	0.187248	-5.3405	0.992075	1.00326	1.00326	0.14531	0.598982	-1.6695	0.464322	0.783418	-1.27646	0.0067408	0.316235	-3.16221	0.0777198	0.525946	-1.90134	0.39104	0.749739	-1.3338	4.68348	7.96742	1.51215	1
cg04230238	GPR111;GPR115	0.0354425	0.0910311	0.675489	-1.48041	0.164434	0.731524	-1.36701	0.0143666	0.529398	-1.88894	0.0761209	0.659725	-1.51578	0.932877	0.982403	-1.01791	0.319977	0.805267	-1.24182	0.0248898	1.75529	1.75529	0.0677542	0.649705	-1.53916	0.0488377	0.622431	-1.6066	3.84957	2.70801	0.625295	1
cg09819081	GPR112	8.70E-05	0.758774	1.10218	1.10218	0.120068	1.70344	1.70344	1.49E-05	0.0585673	-17.0744	0.680572	1.13969	1.13969	6.13E-06	0.0408647	-24.471	0.823899	0.932022	-1.07294	0.942072	1.02322	1.02322	0.205266	0.655653	-1.5252	0.00570491	0.318225	-3.14243	22.9781	36.3079	1.40454	1
cg03966679	GPR112	0.000387435	0.390376	1.26761	1.26761	0.893567	0.964576	-1.03672	0.00057857	0.238252	-4.19723	0.368517	0.779693	-1.28256	3.54E-05	0.116401	-8.59098	0.623765	1.14248	1.14248	0.035526	1.93364	1.93364	0.884971	1.03977	1.03977	0.000438322	0.223874	-4.46679	15.3345	17.6301	1.02196	1
cg18793814	GPR112	0.0157244	0.595027	0.905417	-1.10446	0.0420712	0.648051	-1.54309	0.134439	0.741631	-1.34838	0.00452666	0.496308	-2.01488	0.826433	1.04151	1.04151	0.0183337	0.588537	-1.69913	0.0100286	1.82567	1.82567	0.841618	1.03775	1.03775	0.248305	0.799708	-1.25046	5.10036	2.77056	0.482853	1
cg17274142	GPR112	0.0234333	0.00828619	0.23986	-4.1691	0.138445	0.509346	-1.9633	0.0285992	0.335435	-2.98121	0.0166211	0.290252	-3.44528	0.00386938	0.192861	-5.18508	0.083891	0.445304	-2.24566	0.367053	0.675766	-1.4798	0.0360103	0.35645	-2.80544	0.0299792	0.339637	-2.94432	4.45607	12.6246	2.51833	1
cg11244095	GPR112	0.0276064	0.357384	1.57117	1.57117	0.0480205	0.339978	-2.94137	0.0610125	0.364994	-2.73977	0.969969	0.98219	-1.01813	0.0100924	0.212344	-4.70933	0.276747	1.71603	1.71603	0.255548	1.76225	1.76225	0.726601	0.845721	-1.18242	0.00733645	0.192079	-5.20619	4.2087	15.1884	3.20782	1
cg16101581	GPR112	0.0365491	0.638448	1.20413	1.20413	0.0128778	0.297571	-3.36054	0.0416553	0.397813	-2.51375	0.115568	0.510969	-1.95706	0.00904512	0.271911	-3.67768	0.358975	1.44805	1.44805	0.531777	0.779891	-1.28223	0.753461	0.883673	-1.13164	0.023405	0.345416	-2.89506	3.80683	9.28844	2.16884	1
cg03798217	GPR113	0.00292985	0.012287	0.245558	-4.07236	0.00389527	0.173751	-5.75538	0.23857	0.573586	-1.74342	0.0675289	0.397592	-2.51514	0.00119964	0.118021	-8.47309	0.0122547	0.24537	-4.07548	0.000862891	0.105148	-9.51036	0.00281835	0.156813	-6.37704	0.00438782	0.180319	-5.54571	8.61845	27.6774	2.85459	1
cg16204524	GPR113	0.0205078	0.019543	0.615479	-1.62475	0.0845621	0.720276	-1.38836	0.51134	0.891751	-1.12139	0.105903	1.35494	1.35494	0.00332406	0.502813	-1.98881	0.188873	0.787088	-1.27051	0.0473212	0.676859	-1.47741	0.958084	0.991001	-1.00908	0.0165558	0.604436	-1.65444	4.6646	2.18536	0.416443	1
cg02711472	GPR113;GPR113	0.00808593	0.00656871	0.211143	-4.73614	0.0094203	0.234572	-4.26308	0.042129	0.356456	-2.80539	0.802621	0.89553	-1.11666	0.00640891	0.209612	-4.77072	0.107727	0.461483	-2.16693	0.00115469	0.122015	-8.1957	0.441305	1.4133	1.4133	0.0719647	0.412749	-2.42278	6.32285	19.4366	2.73247	1
cg10548272	GPR113;SELI	0.00278676	0.592124	0.853701	-1.17137	0.00589278	0.348607	-2.86856	0.0317756	2.08784	2.08784	0.93117	1.02559	1.02559	0.000309061	0.18043	-5.5423	0.596758	0.855421	-1.16902	0.00402344	0.322985	-3.09612	0.011178	0.394567	-2.53442	0.131992	0.621579	-1.60881	8.74722	11.8505	1.20424	1
cg06761303	GPR113;SELI	0.00852913	0.783563	1.02221	1.02221	0.00168677	0.699055	-1.4305	0.00458287	0.740019	-1.35132	0.760171	1.02472	1.02472	0.00343621	0.728311	-1.37304	0.21457	1.10985	1.10985	0.749501	0.974769	-1.02588	0.577534	0.956107	-1.04591	0.388796	1.073	1.073	6.21729	0.626604	0.0895858	1
cg01315323	GPR113;SELI	0.0334623	0.985299	1.00466	1.00466	0.944941	1.0176	1.0176	0.0480452	1.76967	1.76967	0.555508	0.860183	-1.16254	0.0330832	0.532924	-1.87644	0.459819	0.826889	-1.20935	0.026798	0.515503	-1.93985	0.180786	0.698427	-1.43179	0.0053332	0.395681	-2.52729	3.93034	3.97126	0.898142	1
cg09069593	GPR114	0.000733556	0.0798367	0.581411	-1.71995	0.0077032	0.384722	-2.59928	0.000202036	0.175627	-5.69389	0.029225	0.488328	-2.0478	0.000225961	0.180675	-5.53481	0.148441	0.648923	-1.54101	0.23067	1.42022	1.42022	0.00034612	0.200683	-4.98299	0.00943644	0.399352	-2.50406	12.8412	15.83	1.09578	1
cg04813711	GPR114	0.00147301	0.0257649	0.688668	-1.45208	0.00972186	1.58518	1.58518	0.000312929	0.439024	-2.27778	0.00974429	0.630977	-1.58484	0.00897657	0.626213	-1.5969	0.00134849	0.518981	-1.92685	0.923343	1.01365	1.01365	0.0599477	0.741592	-1.34845	0.0981078	0.77447	-1.29121	10.5345	3.31045	0.279332	1
cg07895124	GPR114	0.00528359	0.26803	1.45221	1.45221	0.000335738	0.154119	-6.48848	0.00398295	0.285984	-3.4967	0.414985	0.763805	-1.30923	0.210768	0.65285	-1.53175	0.0531667	0.491435	-2.03486	0.00542708	0.306309	-3.26468	0.363019	0.739107	-1.35298	0.0452618	0.475805	-2.1017	7.21584	11.9505	1.47213	1
cg00407537	GPR114	0.00684749	0.260082	0.839528	-1.19115	0.0624513	0.731818	-1.36646	0.000437295	0.43718	-2.28739	0.0230431	0.667168	-1.49887	0.847267	1.02913	1.02913	0.0108475	0.621048	-1.61018	0.332389	0.861662	-1.16055	0.0745273	1.34424	1.34424	0.0422265	0.705804	-1.41682	6.66068	2.33876	0.312115	1
cg09671611	GPR114	0.0136108	0.183084	0.776891	-1.28718	0.54665	0.896717	-1.11518	0.00111999	0.42422	-2.35727	0.0786051	0.705318	-1.4178	0.00372938	0.496594	-2.01372	0.245617	1.24237	1.24237	0.384692	1.17266	1.17266	0.458493	0.873801	-1.14443	0.766306	1.05471	1.05471	5.34917	2.70563	0.449604	1
cg09443360	GPR114	0.0178176	0.00203404	0.251564	-3.97514	0.444139	1.28083	1.28083	0.00336711	0.282136	-3.54439	0.13432	0.599162	-1.669	0.105058	0.570116	-1.75403	0.264359	0.691365	-1.44641	0.0582474	0.507121	-1.97192	0.0285745	0.440634	-2.26946	0.213072	0.659667	-1.51592	4.89184	7.79813	1.41698	1
cg01838544	GPR114	0.0199877	0.00297971	0.318251	-3.14217	0.112103	0.615024	-1.62595	0.00162479	0.281143	-3.55692	0.180874	0.670869	-1.4906	0.0319868	0.4936	-2.02593	0.0982705	0.600792	-1.66447	0.0907146	0.592351	-1.68819	0.0695724	0.56536	-1.76878	0.193291	0.679227	-1.47226	4.70555	5.88357	1.11142	1
cg07877900	GPR114;GPR114	0.00210525	0.00597739	0.31058	-3.21979	0.0015926	0.228923	-4.36829	0.000266141	0.142556	-7.01479	0.0344843	0.448247	-2.23091	0.00201868	0.242373	-4.12587	0.00693361	0.320807	-3.11714	0.159752	0.613343	-1.63041	0.00326873	0.271274	-3.68631	0.0591526	0.499919	-2.00033	9.49874	15.9291	1.49064	1
cg19171120	GPR115	0.000842826	0.0135356	0.669283	-1.49414	0.0724795	1.30126	1.30126	0.444846	1.10776	1.10776	0.116572	1.25113	1.25113	3.86E-05	0.354795	-2.81853	0.555523	0.924645	-1.0815	0.0064273	1.59321	1.59321	0.163531	1.21577	1.21577	0.999972	1	1	12.3494	3.37974	0.243047	1
cg25323497	GPR116	0.000142335	0.000575789	0.508428	-1.96685	0.0111181	1.49801	1.49801	0.00621017	0.63574	-1.57297	0.139577	0.817222	-1.22366	0.0679419	0.771386	-1.29637	0.126295	1.23368	1.23368	0.0895842	1.26822	1.26822	6.13E-06	0.276604	-3.61528	0.735477	1.04399	1.04399	20.1395	5.14139	0.226924	1
cg13355449	GPR116	0.0290753	0.064344	0.713728	-1.40109	0.0820552	0.731517	-1.36702	0.00198862	0.492353	-2.03106	0.907712	1.019	1.019	0.0895987	0.738092	-1.35484	0.690629	0.937145	-1.06707	0.100372	1.33922	1.33922	0.156361	0.781889	-1.27895	0.570976	1.09737	1.09737	4.13244	1.72338	0.3707	1
cg25934824	GPR116;GPR116	5.33E-05	0.273656	0.909866	-1.09906	0.236677	1.10828	1.10828	0.036486	0.817456	-1.22331	0.334211	0.920735	-1.08609	1.48E-06	0.36349	-2.75111	2.91E-05	0.506665	-1.97369	0.00837995	0.756327	-1.32218	0.00151266	0.684615	-1.46067	0.126133	0.87178	-1.14708	26.179	2.85064	0.0967916	1
cg27342314	GPR116;GPR116	0.0379589	0.271751	0.75721	-1.32064	0.00685566	0.42691	-2.34241	0.208565	0.724504	-1.38026	0.887306	1.03507	1.03507	0.00843495	0.441433	-2.26535	0.702942	0.911064	-1.09762	0.596352	0.878147	-1.13876	0.0104138	0.456509	-2.19054	0.0664342	0.606294	-1.64936	3.75462	3.514	0.831923	1
cg10816283	GPR116;GPR116	0.038251	0.0220647	2.2434	2.2434	0.820562	0.935322	-1.06915	0.279391	1.39232	1.39232	0.54294	0.834237	-1.1987	0.927279	0.973491	-1.02723	0.0120424	0.397878	-2.51333	0.0149561	0.414533	-2.41235	0.94217	1.02158	1.02158	0.236341	0.694065	-1.44079	3.74411	5.13633	1.21942	1
cg08071770	GPR119	0.00467155	0.0423401	1.97068	1.97068	0.0245733	0.459861	-2.17457	0.00117009	0.251004	-3.984	0.347842	0.755468	-1.32368	0.00214983	0.286433	-3.49122	0.279936	1.38522	1.38522	0.0910604	1.71599	1.71599	0.788847	0.925082	-1.08098	0.632774	1.14988	1.14988	7.4921	9.98695	1.18489	1
cg13645631	GPR119	0.00746411	0.296236	1.70449	1.70449	0.314911	0.599494	-1.66807	0.195792	0.509877	-1.96126	0.0327462	0.29229	-3.42126	0.0050826	0.161468	-6.19319	0.0301151	0.284867	-3.51041	0.000380465	0.0611583	-16.351	0.0438149	0.31955	-3.1294	0.669264	0.809312	-1.23562	6.48374	24.8941	3.41286	1
cg21087701	GPR119	0.0212289	0.3712	1.53004	1.53004	0.0165081	0.257509	-3.88336	0.0183609	0.265699	-3.76366	0.00439962	0.171841	-5.81932	0.0117203	0.232574	-4.2997	0.440846	1.43917	1.43917	0.954889	1.02655	1.02655	0.472548	0.712893	-1.40274	0.445015	0.69724	-1.43423	4.60993	15.6637	3.02029	1
cg22049457	GPR119	0.0291231	0.206533	1.61573	1.61573	0.0328602	0.407033	-2.45681	0.0220565	0.372039	-2.68789	0.0114489	0.319986	-3.12513	0.00808356	0.294781	-3.39235	0.0641926	0.472847	-2.11485	0.227044	0.633356	-1.57889	0.777511	0.903013	-1.1074	0.540084	0.799813	-1.25029	4.13004	8.48299	1.82575	1
cg21700475	GPR119	0.0362086	0.147601	2.27008	2.27008	0.734717	0.835718	-1.19658	0.20229	0.491475	-2.03469	0.257528	0.536075	-1.86541	0.014821	0.205592	-4.86401	0.676486	1.24785	1.24785	0.00225928	0.104884	-9.53432	0.566225	0.736418	-1.35792	0.802138	0.875916	-1.14166	3.81981	16.8438	3.91964	1
cg27079232	GPR12	0.000582766	0.528838	0.936123	-1.06824	0.307125	0.896393	-1.11558	0.679114	0.957878	-1.04397	3.53E-05	2.28455	2.28455	0.236823	0.879655	-1.13681	0.30297	1.11671	1.11671	0.0174054	0.741156	-1.34924	0.137	1.18024	1.18024	0.000450448	1.77236	1.77236	13.6947	2.32141	0.150677	1
cg18424863	GPR12	0.00255449	0.471915	1.29636	1.29636	0.0151197	0.346844	-2.88314	0.650063	1.17587	1.17587	0.526758	0.796524	-1.25545	0.0176816	0.359333	-2.78294	0.873894	0.945217	-1.05796	0.0420649	2.29534	2.29534	8.24E-05	0.0807867	-12.3783	0.28665	0.675381	-1.48065	8.97488	17.8851	1.77137	1
cg15726245	GPR12	0.00464963	0.445522	0.770954	-1.2971	0.447438	0.77183	-1.29562	0.0401153	2.21082	2.21082	0.222461	0.651255	-1.5355	0.0375853	0.446234	-2.24098	0.261532	1.47941	1.47941	0.240047	1.50904	1.50904	0.000147309	0.112648	-8.87717	0.403527	0.751318	-1.331	7.50282	13.2116	1.57511	1
cg22179082	GPR12	0.0210997	0.091425	1.32658	1.32658	0.580565	0.918648	-1.08856	0.383081	1.14567	1.14567	0.0298788	1.47476	1.47476	0.0219968	0.658569	-1.51844	0.0230648	1.51157	1.51157	0.536227	0.909168	-1.09991	0.0163968	0.6402	-1.56201	0.59658	1.08461	1.08461	4.61955	1.69112	0.325404	1
cg15905579	GPR12	0.0242315	0.904502	1.03448	1.03448	0.778549	1.08288	1.08288	0.754025	1.09284	1.09284	0.00351934	3.05795	3.05795	0.367583	0.769965	-1.29876	0.516242	0.830354	-1.20431	0.378426	0.774731	-1.29077	0.422615	1.26029	1.26029	0.00244232	3.29062	3.29062	4.40473	5.56509	1.12566	1
cg00590851	GPR12	0.0394145	0.242016	1.78715	1.78715	0.227586	1.82317	1.82317	0.667385	1.22752	1.22752	0.00916534	4.80227	4.80227	0.405585	0.668004	-1.497	0.282503	1.69811	1.69811	0.824775	1.11087	1.11087	0.0593755	2.74328	2.74328	0.00294155	6.93391	6.93391	3.70318	13.1859	3.16507	1
cg25497250	GPR120	1.30E-05	0.000279399	0.334459	-2.98991	0.117093	1.33971	1.33971	0.00561339	1.90518	1.90518	0.108028	0.739742	-1.35182	0.93928	1.013	1.013	0.0189349	0.608369	-1.64374	1.77E-05	0.185544	-5.38956	1.20E-06	12.338	12.338	0.0371539	1.5222	1.5222	53.0211	23.6457	0.346863	1
cg08961547	GPR120	0.000754573	0.000990506	0.173278	-5.77109	0.00740506	0.290605	-3.44109	0.0692797	0.482896	-2.07084	0.234145	1.56321	1.56321	0.0233907	0.379002	-2.63851	5.11E-05	0.066049	-15.1403	0.877665	0.946319	-1.05673	0.0358671	2.3977	2.3977	0.0389619	0.424828	-2.35389	12.7398	25.8711	1.80621	1
cg10905401	GPR120	0.0019818	0.00440904	0.30424	-3.28688	0.0192016	0.411904	-2.42775	0.286901	0.70737	-1.41369	0.13065	1.66701	1.66701	0.416948	0.771272	-1.29656	0.0157585	2.5251	2.5251	0.000591202	5.2657	5.2657	0.00941348	2.80256	2.80256	0.665097	1.14609	1.14609	9.66762	15.0071	1.37982	1
cg22749310	GPR120	0.0063723	0.889773	1.01566	1.01566	0.0404144	0.767022	-1.30374	0.622397	0.945902	-1.05719	0.135024	1.19785	1.19785	0.115031	0.825302	-1.21168	0.276294	0.880836	-1.13529	0.000476279	0.540862	-1.8489	0.0260227	1.34447	1.34447	0.0920769	1.23093	1.23093	6.81115	1.35428	0.17674	1
cg15133448	GPR120	0.0131134	0.00108221	0.157196	-6.3615	0.0947204	0.494463	-2.0224	0.0176894	0.330746	-3.02347	0.0296799	2.66853	2.66853	0.501934	0.770021	-1.29867	0.76141	0.889778	-1.12388	0.198542	0.593892	-1.68381	0.332566	1.46715	1.46715	0.287285	0.654616	-1.52761	5.41476	12.6117	2.07034	1
cg13262165	GPR120	0.0388552	0.643905	1.1001	1.1001	0.062624	1.53636	1.53636	0.536337	1.13693	1.13693	0.25567	1.27533	1.27533	0.549414	0.883253	-1.13218	0.38609	0.833515	-1.19974	0.00448211	0.459932	-2.17424	0.680864	1.08845	1.08845	0.0304958	1.68388	1.68388	3.72266	2.47658	0.591132	1
cg19870668	GPR120	0.0445231	0.0130706	0.455812	-2.19388	0.974569	1.00817	1.00817	0.240407	1.36846	1.36846	0.0896858	0.620356	-1.61198	0.45242	0.822538	-1.21575	0.0193578	0.485912	-2.05798	0.56525	1.15993	1.15993	0.0553251	1.74084	1.74084	0.710432	0.909212	-1.09985	3.53961	3.65568	0.916918	1
cg05220599	GPR123	9.53E-05	0.215399	0.924788	-1.08133	0.000527503	0.723387	-1.38239	8.33E-05	0.65398	-1.5291	0.319258	0.940146	-1.06366	0.021274	1.18058	1.18058	0.0932623	1.11707	1.11707	1.91E-05	1.68363	1.68363	0.185049	0.91917	-1.08794	0.366899	0.945934	-1.05716	22.4256	1.27707	0.0506195	1
cg01481609	GPR123	0.000160762	0.226286	1.17947	1.17947	3.08E-05	0.347482	-2.87784	0.454055	1.10416	1.10416	0.648403	1.06146	1.06146	0.0226903	1.42532	1.42532	0.971741	1.00461	1.00461	2.58E-05	2.95391	2.95391	0.0374895	1.36837	1.36837	0.236961	1.17466	1.17466	19.4893	5.21008	0.237628	1
cg09639725	GPR123	0.000612032	0.453688	0.77748	-1.28621	0.323557	0.713261	-1.40201	0.00437572	0.247777	-4.03589	0.0639255	0.490467	-2.03887	0.000127826	0.0650752	-15.3668	?	?	?	0.0511096	2.1465	2.1465	8.01E-05	0.0513869	-19.4602	0.881942	1.0499	1.0499	22.6526	32.59	1.07901	1
cg23649631	GPR123	0.00298671	0.695543	0.895938	-1.11615	7.86E-05	0.136004	-7.35273	0.263777	1.38468	1.38468	0.133111	1.57258	1.57258	0.0679675	1.7703	1.7703	0.339479	0.759522	-1.31662	0.288541	0.735037	-1.36048	0.124993	0.628773	-1.5904	0.155344	1.52931	1.52931	8.56944	10.5946	1.09895	1
cg01824517	GPR123	0.00299582	0.496963	1.08642	1.08642	0.661519	0.948427	-1.05438	0.00505414	1.56138	1.56138	0.290922	1.14079	1.14079	0.902703	0.985409	-1.01481	0.0325531	0.740306	-1.35079	0.382833	0.898022	-1.11356	0.00217302	0.596298	-1.67701	0.000957058	1.80649	1.80649	8.56169	1.95874	0.20336	1
cg03194442	GPR123	0.00335368	0.557398	0.75468	-1.32506	0.0190449	0.260193	-3.84331	0.0422223	0.329563	-3.03432	0.108032	0.435284	-2.29735	0.00269238	0.139859	-7.15005	0.0049111	0.170705	-5.85805	0.000164781	0.0475233	-21.0423	0.020551	0.2662	-3.75658	0.0227002	0.274234	-3.64652	8.27882	29.5038	3.16758	1
cg18388786	GPR123	0.00408558	0.00275166	0.176285	-5.67264	0.00652401	0.226518	-4.41466	0.10916	0.48004	-2.08316	0.100943	0.470158	-2.12695	0.000828118	0.120629	-8.28989	0.411804	0.702898	-1.42268	0.00104845	0.130384	-7.66963	0.0598607	0.409839	-2.43998	0.00876485	0.245967	-4.06559	7.80252	21.8095	2.48461	1
cg10154597	GPR123	0.00462437	0.113248	0.703191	-1.42209	0.0293286	1.68949	1.68949	0.239908	1.28583	1.28583	0.0119818	1.89728	1.89728	0.0120747	1.89534	1.89534	0.120762	0.709091	-1.41026	0.0518943	1.57131	1.57131	0.000523878	3.01747	3.01747	0.667552	0.915506	-1.09229	7.51525	4.96799	0.587602	1
cg04876028	GPR123	0.00551176	0.306166	1.41855	1.41855	0.0175279	2.59617	2.59617	0.102437	1.80357	1.80357	0.577221	1.20424	1.20424	0.0100843	2.91956	2.91956	0.00725752	0.318868	-3.13609	0.0036108	3.66951	3.66951	0.00449687	3.48978	3.48978	0.337907	1.38544	1.38544	7.12288	12.2857	1.53317	1
cg27405177	GPR123	0.00653997	0.365877	0.77969	-1.28256	0.00252467	0.325225	-3.07479	0.00258618	0.326735	-3.06058	0.109064	0.626192	-1.59696	0.114911	0.631779	-1.58283	0.00940058	0.413954	-2.41573	0.0196049	2.12845	2.12845	0.775633	1.07955	1.07955	0.984898	0.994943	-1.00508	6.75651	7.67847	1.01018	1
cg24898738	GPR123	0.00713283	0.00584208	6.45089	6.45089	0.0263673	3.89755	3.89755	0.00596768	6.40323	6.40323	0.095125	2.57869	2.57869	0.0415035	3.36786	3.36786	0.215674	0.510113	-1.96035	0.00727869	5.97796	5.97796	0.00239719	8.89326	8.89326	0.0430583	3.32835	3.32835	6.57644	27.7619	3.75643	1
cg07916654	GPR123	0.00757335	0.281748	1.3109	1.3109	0.972247	0.991616	-1.00845	0.328207	0.783307	-1.27664	0.558342	1.15401	1.15401	0.399491	0.811613	-1.23211	0.481921	1.18883	1.18883	0.00187539	2.90706	2.90706	0.000783714	0.292591	-3.41774	0.947752	0.984266	-1.01599	6.45429	5.98663	0.824482	1
cg02649248	GPR123	0.00845517	0.186548	0.725657	-1.37806	0.00170654	2.78952	2.78952	0.0825513	1.55327	1.55327	0.62802	0.894209	-1.11831	0.858198	0.95987	-1.04181	0.0988183	1.51359	1.51359	0.409581	1.21305	1.21305	0.000762479	3.21572	3.21572	0.61927	1.12156	1.12156	6.23443	5.17871	0.738368	1
cg08721320	GPR123	0.0104803	0.0456376	1.50252	1.50252	0.638732	1.08764	1.08764	0.372673	1.17656	1.17656	0.109864	1.36291	1.36291	0.00321286	2.04304	2.04304	0.429505	0.866516	-1.15405	0.000969852	2.39243	2.39243	0.0458983	1.50157	1.50157	0.0182029	1.66418	1.66418	5.82244	2.91042	0.444322	1
cg17577701	GPR123	0.0106234	0.283156	1.18152	1.18152	0.30961	0.854468	-1.17032	0.0146675	0.637994	-1.56741	0.243692	0.833219	-1.20016	0.234903	1.2047	1.2047	0.14952	0.79362	-1.26005	0.000718758	2.15975	2.15975	0.822286	0.96691	-1.03422	0.391596	0.876958	-1.14031	5.79713	[illegible]	[illegible]	1
cg06197024	GPR123	0.0106482	0.0520653	0.771477	-1.29621	0.00607624	1.52285	1.52285	0.00111205	1.75764	1.75764	0.782358	0.968012	-1.03305	0.183153	1.18036	1.18036	0.357961	1.11738	1.11738	0.0240367	1.37162	1.37162	0.92771	0.989403	-1.01071	0.50104	1.08348	1.08348	5.79279	[illegible]	[illegible]	1
cg23154497	GPR123	0.0132027	0.906002	0.97902	-1.02143	0.550503	1.11452	1.11452	0.342678	1.19181	1.19181	0.245232	1.2438	1.2438	0.0202553	1.65279	1.65279	0.0818949	1.41346	1.41346	0.000257185	2.94473	2.94473	0.193569	1.28008	1.28008	0.0578692	1.46945	1.46945	5.40275	[illegible]	[illegible]	1
cg23633543	GPR123	0.0151379	0.149023	0.625638	-1.59837	0.455487	0.794245	-1.25906	0.0179001	2.39191	2.39191	0.88081	0.955546	-1.04652	0.0358336	0.47707	-2.09613	0.585646	0.846342	-1.18156	0.003477	0.300617	-3.32649	0.00902155	0.365662	-2.73477	0.766084	1.09463	1.09463	5.16503	[illegible]	[illegible]	1
cg10948036	GPR123	0.0164274	0.253157	0.863314	-1.15833	0.99284	1.00111	1.00111	0.900064	1.01559	1.01559	0.166362	0.83382	-1.1993	0.131244	1.22221	1.22221	0.746457	1.04076	1.04076	0.000409174	1.99624	1.99624	0.135327	1.21925	1.21925	0.81632	0.971752	-1.02907	5.02667	[illegible]	[illegible]	1
cg13851375	GPR123	0.0192721	0.143177	1.40754	1.40754	0.00354184	2.36046	2.36046	0.00542495	2.21445	2.21445	0.0589205	1.58956	1.58956	0.591911	1.12476	1.12476	0.0750355	1.5384	1.5384	0.0978367	1.48378	1.48378	0.00431325	2.29125	2.29125	0.0964479	1.48668	1.48668	4.76409	[illegible]	[illegible]	1
cg02023367	GPR123	0.0227604	0.796303	1.05243	1.05243	0.0391282	1.60264	1.60264	0.874848	0.96934	-1.03163	0.807328	0.952875	-1.04946	0.0264631	1.68175	1.68175	0.226114	1.28545	1.28545	0.000693474	2.78065	2.78065	0.108556	1.41315	1.41315	0.59896	1.11054	1.11054	4.50106	[illegible]	[illegible]	1
cg23474501	GPR123	0.0241416	0.338706	1.15533	1.15533	0.578822	0.921181	-1.08556	0.85979	1.02623	1.02623	0.799194	1.03803	1.03803	0.00893126	0.614468	-1.62742	0.570003	0.919382	-1.08769	0.682653	0.941589	-1.06203	0.0842789	1.32264	1.32264	0.00262511	1.84012	1.84012	4.4104	[illegible]	[illegible]	1
cg10315366	GPR123	0.0274981	0.214751	0.77235	-1.29475	0.600836	1.11006	1.11006	0.0257426	0.59223	-1.68853	0.0177935	0.56557	-1.76813	0.0164694	0.560095	-1.78541	0.762846	1.06169	1.06169	0.00334524	0.453937	-2.20295	0.954113	0.988683	-1.01145	0.324011	0.817531	-1.2232	4.21452	[illegible]	[illegible]	1
cg14003931	GPR123	0.027505	0.0596292	2.15593	2.15593	0.375831	1.38884	1.38884	0.204487	1.62241	1.62241	0.359295	1.40585	1.40585	0.00876699	3.34184	3.34184	0.902813	0.956812	-1.04514	0.00197697	4.85319	4.85319	0.0207791	2.73428	2.73428	0.126342	1.81792	1.81792	4.21415	[illegible]	[illegible]	1
cg07505629	GPR123	0.0294707	0.939262	1.02546	1.02546	0.0437124	2.14871	2.14871	0.0236476	2.43833	2.43833	0.176213	1.607	1.607	0.0288958	2.33938	2.33938	0.783653	1.09504	1.09504	0.476682	1.26962	1.26962	0.00145123	4.56207	4.56207	0.0962902	1.82659	1.82659	4.11272	[illegible]	[illegible]	1
cg14526953	GPR123	0.0319571	0.958457	1.00978	1.00978	0.661228	0.920905	-1.08589	0.000812718	2.56903	2.56903	0.649143	0.917973	-1.08936	0.71108	1.072	1.072	0.298273	0.817531	-1.2232	0.270715	0.807123	-1.23897	0.207488	0.780072	-1.28193	0.622255	1.09723	1.09723	3.99579	[illegible]	[illegible]	1
cg02757516	GPR123	0.0340003	0.368119	1.27176	1.27176	0.161867	1.47466	1.47466	0.559724	0.857808	-1.16576	0.0376656	1.87196	1.87196	0.422028	1.23774	1.23774	0.0135668	2.21299	2.21299	0.00215812	3.06473	3.06473	0.0679993	1.70152	1.70152	0.2814	1.33794	1.33794	3.90783	[illegible]	[illegible]	1
cg15731752	GPR123	0.0382894	0.101508	1.50444	1.50444	0.0287245	1.79986	1.79986	0.445406	1.19387	1.19387	0.778014	0.937647	-1.0665	0.69568	0.914343	-1.09368	0.00494957	2.33443	2.33443	0.00716358	2.20551	2.20551	0.713666	1.08758	1.08758	0.847616	1.0448	1.0448	3.74273	[illegible]	[illegible]	1
cg10827485	GPR123	0.0384364	0.526685	0.797201	-1.25439	0.0704521	2.04293	2.04293	0.573971	1.22228	1.22228	0.534852	0.800857	-1.24866	0.022926	0.382315	-2.61564	0.527798	1.2536	1.2536	0.0771223	2.00258	2.00258	0.00784515	3.33838	3.33838	0.192647	1.62774	1.62774	3.73748	[illegible]	[illegible]	1
cg00331845	GPR123	0.0435116	0.455692	0.856637	-1.16736	0.0148255	1.84143	1.84143	0.621476	1.10668	1.10668	0.104188	0.696419	-1.43592	0.00870206	0.506144	-1.97572	0.379561	0.832274	-1.20153	0.308519	1.23945	1.23945	0.806657	1.05121	1.05121	0.313388	1.2366	1.2366	3.5701	[illegible]	[illegible]	1
cg23655160	GPR123	0.0462946	0.820698	0.928404	-1.07712	0.132785	1.70023	1.70023	0.00196454	4.18641	4.18641	0.614855	0.847027	-1.1806	0.0452865	2.12024	2.12024	0.777793	0.911574	-1.097	0.147342	1.66331	1.66331	0.731052	0.893229	-1.11953	0.67356	0.870528	-1.14873	3.48821	[illegible]	[illegible]	1
cg27634264	GPR123	0.046347	0.0350732	2.73527	2.73527	0.0984361	2.10157	2.10157	0.115634	2.01555	2.01555	0.88267	1.06239	1.06239	0.012917	3.54213	3.54213	0.969601	1.01574	1.01574	0.0399084	2.6467	2.6467	0.00702218	4.17182	4.17182	0.15334	1.87117	1.87117	3.48673	[illegible]	[illegible]	1
cg06009497	GPR124	0.000849068	0.00359796	0.509644	-1.96215	0.00251378	2.04936	2.04936	0.00260155	0.490018	-2.04074	0.307037	1.19819	1.19819	0.0188914	0.614957	-1.62613	0.0181285	0.612215	-1.63341	0.000213299	0.347283	-2.8795	0.0780545	0.715493	-1.39764	0.548292	0.901342	-1.10946	12.3237	[illegible]	[illegible]	1
cg23649140	GPR124	0.00217693	0.0507108	0.617881	-1.61843	0.0495754	1.62336	1.62336	0.384121	1.21287	1.21287	0.00768889	2.09743	2.09743	0.00533057	0.452082	-2.21199	0.72749	1.07859	1.07859	0.0548307	0.624397	-1.60154	0.000682862	3.07148	3.07148	0.0720863	0.647813	-1.54365	9.40625	[illegible]	[illegible]	1
cg23245289	GPR124	0.0094924	0.623961	1.10936	1.10936	0.277591	1.26764	1.26764	0.202725	1.32638	1.32638	0.0616744	1.55592	1.55592	0.00356302	0.436314	-2.29193	0.675228	0.915298	-1.09254	0.00784125	0.488376	-2.0476	0.0222832	1.77771	1.77771	0.100255	1.45969	1.45969	6.00972	[illegible]	[illegible]	1
cg27641482	GPR124	0.0101713	0.703781	1.0837	1.0837	0.00299404	2.35542	2.35542	0.0436473	0.613812	-1.62916	0.219363	0.762015	-1.31231	0.0664786	0.648522	-1.54197	0.0852789	1.49232	1.49232	0.0774666	1.51132	1.51132	0.0085912	2.02444	2.02444	0.468975	1.1677	1.1677	5.87857	[illegible]	[illegible]	1
cg14930065	GPR124	0.0121757	0.115713	2.26433	2.26433	0.146694	2.10546	2.10546	0.442101	0.687548	-1.45444	0.0410838	3.08517	3.08517	0.606527	1.28187	1.28187	0.0137105	4.29215	4.29215	0.00128662	9.41837	9.41837	0.0113876	4.54507	4.54507	0.0112436	4.56303	4.56303	5.54726	[illegible]	[illegible]	1
cg22992125	GPR124	0.0197951	0.26814	0.733472	-1.36338	0.678652	1.11847	1.11847	0.0599499	1.76886	1.76886	0.517471	0.838328	-1.19285	0.0796422	0.592881	-1.68668	0.00251321	0.323773	-3.08858	0.0137627	0.441142	-2.26684	0.205179	1.4322	1.4322	0.597005	0.866419	-1.15418	4.72104	[illegible]	[illegible]	1
cg13372487	GPR124	0.0223197	0.0841181	0.680899	-1.46865	0.0957798	0.692158	-1.44476	0.559815	0.888175	-1.1259	0.0704755	1.50167	1.50167	0.929729	0.982418	-1.0179	0.0387762	1.6181	1.6181	0.00266196	2.30633	2.30633	0.98099	1.0048	1.0048	0.422151	0.847978	-1.17928	4.53144	[illegible]	[illegible]	1
cg14922775	GPR124	0.0227096	0.0730181	0.568546	-1.75887	0.0310521	2.04385	2.04385	0.070292	0.564749	-1.7707	0.520142	1.20214	1.20214	0.0028564	0.313735	-3.18741	0.925697	1.02669	1.02669	0.274334	0.72527	-1.3788	0.240769	1.41455	1.41455	0.209783	0.688477	-1.45248	4.50453	[illegible]	[illegible]	1
cg21533958	GPR124	0.0445339	0.46642	1.16109	1.16109	0.330912	0.816959	-1.22405	0.879173	0.96981	-1.03113	0.0951763	0.691091	-1.44699	0.856297	0.96413	-1.0372	0.0489495	0.635679	-1.57312	0.00348064	2.22344	2.22344	0.317972	1.23122	1.23122	0.707258	1.07899	1.07899	3.53929	[illegible]	[illegible]	1
cg01751917	GPR124	0.0497015	0.562832	1.30094	1.30094	0.359847	0.654844	-1.52708	0.966803	1.01889	1.01889	0.319499	1.58824	1.58824	0.461168	1.40127	1.40127	0.275546	1.66548	1.66548	0.129266	0.478483	-2.08994	0.00217257	6.921	6.921	0.0981928	2.26074	2.26074	3.39585	[illegible]	[illegible]	1
cg08034505	GPR125	7.05E-05	0.145139	0.652815	-1.53183	0.000339875	0.207346	-4.82286	0.125644	0.636514	-1.57106	0.1572	0.662102	-1.51034	1.91E-05	0.0936621	-10.6767	0.000544725	0.231151	-4.32617	1.25E-05	0.0813632	-12.2906	0.786911	1.07665	1.07665	0.000124853	0.161668	-6.18551	24.3017	[illegible]	[illegible]	1
cg26631477	GPR125	0.000149551	0.00324187	0.465066	-2.15023	1.59E-05	0.182984	-5.46495	0.0278665	0.609244	-1.64138	0.0251361	1.66171	1.66171	0.163983	1.32735	1.32735	0.00828001	0.525331	-1.90356	0.00230919	2.25196	2.25196	0.0258428	1.65622	1.65622	0.0510879	1.52748	1.52748	19.873	[illegible]	[illegible]	1
cg01190989	GPR125	0.000814002	0.118552	0.728913	-1.37191	0.319545	1.21162	1.21162	0.110079	0.722528	-1.38403	0.333197	0.830047	-1.20475	1.45E-05	0.185951	-5.37777	0.0124611	0.559767	-1.78646	0.0237031	0.604165	-1.65518	0.115522	1.37613	1.37613	0.040554	0.643166	-1.55481	12.471	[illegible]	[illegible]	1
cg05898174	GPR125	0.0030504	0.605788	0.883034	-1.13246	0.0398807	0.566889	-1.76401	0.0449329	0.577015	-1.73306	0.766398	0.931288	-1.07378	0.000109924	0.196565	-5.08738	0.00326424	0.383582	-2.607	0.0538082	0.592654	-1.68733	0.153488	1.44076	1.44076	0.0769567	0.62505	-1.59987	8.5159	[illegible]	[illegible]	1
cg00421032	GPR125	0.00899806	0.135793	0.833187	-1.20021	0.637028	1.05544	1.05544	0.0286449	1.34056	1.34056	0.774519	1.03314	1.03314	0.000378816	0.524813	-1.90544	0.0742466	0.797861	-1.25335	0.204331	1.16424	1.16424	0.443996	0.915215	-1.09264	0.597955	0.941374	-1.06228	6.11279	[illegible]	[illegible]	1
cg01349409	GPR125	0.0103923	0.806426	0.948872	-1.05388	0.0133378	0.51928	-1.92575	0.608514	0.895445	-1.11676	0.10284	0.682835	-1.46448	0.00975141	0.497219	-2.01119	0.284609	0.788515	-1.26821	0.00207421	2.52647	2.52647	0.0897844	0.670465	-1.4915	0.229359	0.763661	-1.30948	5.83821	[illegible]	[illegible]	1
cg26230338	GPR125	0.0198068	0.255617	0.785266	-1.27345	0.146802	1.37326	1.37326	0.0910994	0.684495	-1.46093	0.314604	0.809112	-1.23592	0.536151	0.880202	-1.1361	0.939808	0.984735	-1.0155	0.00073299	2.84428	2.84428	0.72428	1.07481	1.07481	0.269563	1.26388	1.26388	4.7201	[illegible]	[illegible]	1
cg13124370	GPR125	0.0289179	0.0350009	0.687422	-1.45471	0.750174	1.04994	1.04994	0.00522366	0.569968	-1.75448	0.0249176	0.665517	-1.50259	0.618406	0.926248	-1.07962	0.0268464	0.670278	-1.49192	0.693907	0.941438	-1.0622	0.247018	1.20283	1.20283	0.297499	1.17913	1.17913	4.14038	[illegible]	[illegible]	1
cg19394293	GPR125	0.0372128	0.0357279	0.416607	-2.40034	0.535386	1.25218	1.25218	0.163216	0.586714	-1.70441	0.466456	0.766805	-1.30411	0.0042445	0.253802	-3.94008	0.063695	0.473833	-2.11045	0.0540328	0.456788	-2.1892	0.231054	1.5685	1.5685	0.100551	0.524919	-1.90506	3.78194	[illegible]	[illegible]	1
cg00178728	GPR125	0.0411727	0.0798005	0.34588	-2.89117	0.00806343	0.156724	-6.38065	0.0200087	0.215895	-4.63188	0.361392	0.599074	-1.66924	0.0409474	0.275734	-3.62668	0.218943	0.493579	-2.02602	0.0256919	0.235264	-4.25055	0.0132779	0.187179	-5.34247	0.228556	0.501513	-1.99396	3.64407	[illegible]	[illegible]	1
cg03606215	GPR125;GPR125	0.000548097	0.00119789	0.658005	-1.51975	0.00088578	1.55152	1.55152	0.0222522	1.2733	1.2733	0.120806	0.862127	-1.15992	0.981571	1.00204	1.00204	0.113101	0.858944	-1.16422	0.0123293	0.759741	-1.31624	0.000263592	1.69661	1.69661	0.928571	0.992125	-1.00794	13.9305	[illegible]	[illegible]	1
cg04008905	GPR126;GPR126;GPR126;GPR126	2.79E-06	2.35E-06	0.165075	-6.05785	3.28E-06	0.178363	-5.60655	0.000188677	0.372678	-2.68328	0.481826	0.893993	-1.11858	7.90E-07	0.125334	-7.97868	0.000454918	0.42072	-2.37688	0.148216	1.2752	1.2752	0.00067917	0.443077	-2.25694	3.35E-06	0.179219	-5.57975	56.41	[illegible]	[illegible]	1
cg09547025	GPR126;GPR126;GPR126;GPR126	0.00527288	0.00568545	0.198902	-5.0276	0.434816	1.42585	1.42585	0.0701774	0.406062	-2.46268	0.049912	0.36951	-2.70628	0.00172466	0.13658	-7.3217	0.010231	0.236624	-4.22612	0.000811548	0.105546	-9.47455	0.438991	0.703685	-1.42109	0.0798112	0.420844	-2.37618	7.22032	[illegible]	[illegible]	1
cg11506658	GPR126;GPR126;GPR126;GPR126	0.00557342	0.921646	1.03646	1.03646	0.640728	1.1866	1.1866	0.0248832	2.64291	2.64291	0.142505	1.7751	1.7751	0.000160011	0.0955611	-10.4645	0.915623	1.03933	1.03933	0.644217	1.18446	1.18446	0.243089	1.55995	1.55995	0.360748	0.710333	-1.40779	7.09858	[illegible]	[illegible]	1
cg23843100	GPR126;GPR126;GPR126;GPR126	0.00994161	0.683919	0.898143	-1.11341	0.0598587	0.57278	-1.74587	0.177382	0.686436	-1.4568	0.659564	0.890167	-1.12338	0.000305961	0.214608	-4.65966	0.648923	1.12783	1.12783	0.0738601	1.68692	1.68692	0.68389	1.11342	1.11342	0.061529	0.575358	-1.73805	5.9217	[illegible]	[illegible]	1
cg26126417	GPR126;GPR126;GPR126;GPR126	0.0123712	0.0235931	0.123094	-8.12388	0.00147837	0.0285978	-34.9678	0.0252064	0.127119	-7.86663	0.0786877	0.220182	-4.5417	0.0111957	0.0851616	-11.7424	0.0890257	0.233779	-4.27754	0.00425526	0.0515936	-19.3823	0.0909599	0.236238	-4.23302	0.0350159	0.149041	-6.70955	5.5186	[illegible]	[illegible]	1
cg01088572	GPR126;GPR126;GPR126;GPR126	0.0209601	0.340828	0.872982	-1.1455	0.0383689	0.717441	-1.39384	0.456784	0.900434	-1.11057	0.342427	1.14495	1.14495	0.853691	1.02588	1.02588	0.957673	0.992682	-1.00737	0.000475138	0.467966	-2.13691	0.513967	1.09592	1.09592	0.762738	0.958966	-1.04279	4.63003	[illegible]	[illegible]	1
cg20488280	GPR126;GPR126;GPR126;GPR126	0.0326129	0.451325	0.945133	-1.05805	0.00214501	1.37301	1.37301	0.154216	1.11868	1.11868	0.02884	1.20867	1.20867	0.820212	1.01688	1.01688	0.0904938	0.871836	-1.147	0.975358	0.997731	-1.00227	0.647945	0.96676	-1.03438	0.533781	1.04743	1.04743	3.96682	[illegible]	[illegible]	1
cg23855093	GPR128	7.41E-05	0.000251944	0.20111	-4.9724	0.000390733	0.222651	-4.49134	2.70E-05	0.110531	-9.04727	0.00306915	0.340511	-2.93677	0.0625298	0.572897	-1.74551	0.00228596	0.321936	-3.10621	8.31E-06	0.0755331	-13.2392	0.437801	1.23409	1.23409	0.00412742	0.359803	-2.7793	23.9797	[illegible]	[illegible]	1
cg02715668	GPR128	0.00123088	0.193785	1.35301	1.35301	0.00351473	0.418786	-2.38785	0.00123078	0.35375	-2.82686	0.00119096	0.351795	-2.84256	0.0199455	1.85463	1.85463	0.0635455	0.632098	-1.58203	0.233035	1.31648	1.31648	0.0290812	0.568019	-1.76051	0.00269215	0.40176	-2.48905	11.091	[illegible]	[illegible]	1
cg19462118	GPR128	0.00654278	0.405612	1.08413	1.08413	0.889097	1.01333	1.01333	0.523089	1.06337	1.06337	0.0369009	1.25874	1.25874	0.798104	1.02463	1.02463	0.0495293	1.23708	1.23708	9.39E-05	1.93679	1.93679	0.0407808	1.25134	1.25134	0.252602	1.12014	1.12014	6.7556	[illegible]	[illegible]	1
cg00186462	GPR128	0.0271632	0.427596	1.37724	1.37724	0.0103032	3.58762	3.58762	0.620092	1.21833	1.21833	0.0771895	2.17379	2.17379	0.0883531	2.10233	2.10233	0.305932	1.52029	1.52029	0.00104548	6.80233	6.80233	0.0575881	2.33632	2.33632	0.222203	1.66026	1.66026	4.2327	[illegible]	[illegible]	1
cg17565078	GPR12;GPR12	0.00685322	0.989283	0.992684	-1.00737	0.574486	1.36359	1.36359	0.983761	1.01119	1.01119	0.501106	1.45251	1.45251	0.751758	0.84073	-1.18944	0.974284	0.982533	-1.01778	0.538301	1.40583	1.40583	0.034405	3.85305	3.85305	8.35E-05	47.9557	47.9557	6.65894	[illegible]	[illegible]	1
cg04527220	GPR132	0.00177562	0.974345	0.990688	-1.0094	0.146277	1.57417	1.57417	0.346803	1.32559	1.32559	0.00241569	3.41852	3.41852	0.0123929	0.404275	-2.47356	0.0246542	0.459121	-2.17808	0.000436962	0.19851	-5.03753	0.193203	1.49273	1.49273	0.0256273	0.462375	-2.16274	9.98117	[illegible]	[illegible]	1
cg26514492	GPR132	0.0024122	0.13967	0.719213	-1.39041	0.0391164	0.609503	-1.64068	0.000481074	0.321182	-3.1135	0.0429835	0.616952	-1.62087	0.257391	1.27776	1.27776	0.0133759	1.88765	1.88765	0.00422016	2.21326	2.21326	0.513805	1.14718	1.14718	0.394292	0.834485	-1.19834	9.1275	[illegible]	[illegible]	1
cg01109135	GPR132	0.0026637	0.0201882	0.425795	-2.34855	0.625199	1.16189	1.16189	0.0212682	0.430085	-2.32512	0.00463434	0.317286	-3.15173	0.00927974	0.365651	-2.73485	0.011636	0.382458	-2.61467	0.000318017	0.169175	-5.91103	0.0055861	0.329844	-3.03174	0.00396025	0.306965	-3.2577	8.86476	[illegible]	[illegible]	1
cg02797271	GPR132	0.00276789	0.254416	0.737529	-1.35588	0.033713	0.530217	-1.88602	0.00396524	0.371149	-2.69433	0.0254323	0.50686	-1.97293	0.000781881	0.272618	-3.66814	0.0208061	2.03771	2.03771	0.0278516	1.94442	1.94442	0.28644	1.32737	1.32737	0.430635	0.813999	-1.2285	8.76482	[illegible]	[illegible]	1
cg18857369	GPR132	0.0035037	0.926733	1.03225	1.03225	0.557878	1.22694	1.22694	0.00759454	0.305788	-3.27024	0.699812	1.14306	1.14306	0.653257	1.1689	1.1689	0.63733	0.848844	-1.17807	0.000244708	0.123461	-8.09976	0.00116893	0.193093	-5.17884	0.214019	0.636668	-1.57068	8.17122	[illegible]	[illegible]	1
cg14359680	GPR132	0.00502713	0.740345	1.05561	1.05561	0.158142	0.782299	-1.27828	0.00553759	0.552595	-1.80964	0.0128874	0.605068	-1.65271	0.0228999	0.642162	-1.55724	0.146315	0.775897	-1.28883	0.0271821	1.53023	1.53023	0.00108146	0.45604	-2.19279	0.0295097	0.658983	-1.51749	7.32648	[illegible]	[illegible]	1
cg10402804	GPR132	0.00734744	0.521419	0.856005	-1.16822	0.000267962	4.18206	4.18206	0.369479	0.802113	-1.24671	0.0358863	1.79324	1.79324	0.407524	1.2247	1.2247	0.0693868	1.62578	1.62578	0.606618	1.13231	1.13231	0.00877714	2.22224	2.22224	0.0829441	1.583	1.583	6.51579	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00922378	GPR132	0.0098247	0.14251	1.39382	1.39382	0.420654	1.18921	1.18921	0.0438169	0.613824	-1.62913	0.337032	0.811809	-1.23182	0.107526	1.4477	1.4477
cg19828516	GPR132	0.0146808	0.80564	1.08645	1.08645	0.048746	0.46906	-2.13192	0.411193	0.753801	-1.32661	0.330294	1.40196	1.40196	0.0525288	2.09891	2.09891
cg25990848	GPR132	0.0252142	0.496144	0.741651	-1.34834	0.0718377	0.419272	-2.38508	0.0403842	0.359129	-2.78452	0.759532	0.875648	-1.14201	0.00441488	0.193293	-5.17349
cg21115864	GPR132	0.0320734	0.0756826	1.7517	1.7517	0.85764	0.950365	-1.05223	0.0951666	0.594597	-1.68181	0.106091	1.64941	1.64941	0.670305	0.885661	-1.1291
cg17393321	GPR133	4.75E-08	8.17E-07	0.446156	-2.24137	9.64E-07	0.453869	-2.20328	2.01E-07	0.380072	-2.63108	0.765899	1.01844	1.01844	3.61E-05	0.61443	-1.62752
cg21162528	GPR133	5.68E-08	1.80E-05	0.49776	-2.009	0.0123728	1.28155	1.28155	4.24E-07	0.318512	-3.1396	8.83E-05	0.571443	-1.74995	0.00249485	0.715532	-1.39756
cg01427750	GPR133	4.57E-06	0.174504	0.822908	-1.2152	0.512391	0.91424	-1.0938	0.00616562	1.61949	1.61949	0.0182312	1.47219	1.47219	8.55E-08	0.0925483	-10.8052
cg00921219	GPR133	4.85E-05	0.00651001	0.427152	-2.34109	0.00820556	2.25593	2.25593	0.00977828	0.455737	-2.19425	0.118116	0.664868	-1.50406	0.000895709	0.302357	-3.30735
cg16354932	GPR133	8.92E-05	0.0339867	0.643469	-1.55408	0.452169	1.14619	1.14619	0.00100401	0.419015	-2.38655	0.0608679	0.686343	-1.457	9.70E-06	0.183436	-5.45148
cg10239022	GPR133	0.000198366	0.017913	0.648833	-1.54123	0.452577	1.12193	1.12193	0.901472	0.981551	-1.0188	0.0805766	0.747232	-1.33827	3.08E-06	0.188685	-5.29983
cg26829071	GPR133	0.000202329	0.000135971	0.361707	-2.76467	0.00066199	2.23207	2.23207	0.000140803	0.363559	-2.75058	0.0159176	0.634681	-1.57559	0.0110375	0.612069	-1.6338
cg11707665	GPR133	0.000355014	0.00153746	0.462293	-2.16313	0.0328968	1.5257	1.5257	0.00872205	0.567926	-1.76079	0.265871	0.82178	-1.21687	0.000204326	0.348623	-2.86843
cg25130831	GPR133	0.000357625	0.0786501	0.612779	-1.63191	0.392908	0.802952	-1.2454	0.000371374	0.239726	-4.17143	0.897064	0.968066	-1.03299	0.000401473	0.243762	-4.10237
cg16461248	GPR133	0.00054158	0.000133238	0.245013	-4.08141	0.0161851	0.535432	-1.86765	0.00109981	0.359896	-2.77858	0.734302	1.07503	1.07503	0.000258776	0.278989	-3.58437
cg18193127	GPR133	0.000735226	0.115224	0.567804	-1.76117	0.0872292	0.535768	-1.86648	0.00758028	0.321401	-3.11138	0.158328	0.607501	-1.64609	7.10E-05	0.0912767	-10.9557
cg27177570	GPR133	0.00113319	0.0173499	0.670262	-1.49195	0.0676638	1.32665	1.32665	0.0621394	0.74828	-1.3364	0.176922	1.21919	1.21919	2.66E-05	0.317714	-3.14748
cg02579047	GPR133	0.0012833	0.00175938	1.55387	1.55387	0.012525	0.73553	-1.35956	0.620344	0.951818	-1.05062	0.000601402	1.68769	1.68769	0.116367	0.844729	-1.18381
cg02380715	GPR133	0.00172497	0.202477	0.706546	-1.41533	0.693126	1.10781	1.10781	0.00324571	0.354768	-2.81874	0.743572	1.08843	1.08843	0.00168193	0.313749	-3.18726
cg09103234	GPR133	0.00190935	0.340457	0.830314	-1.20436	0.101888	1.40343	1.40343	0.88637	1.02743	1.02743	0.754382	1.06121	1.06121	2.16E-05	0.198548	-5.03657
cg23937381	GPR133	0.00201373	0.171499	0.782793	-1.27748	0.323271	1.18723	1.18723	0.000390274	0.386353	-2.58831	0.0585792	0.698075	-1.43251	0.000147058	0.333422	-2.9992
cg18725348	GPR133	0.00215379	0.0284599	0.3842	-2.60281	0.112037	1.8968	1.8968	0.0183834	0.347036	-2.88155	0.378609	0.71592	-1.3968	0.00136012	0.17903	-5.58565
cg26150582	GPR133	0.00234086	0.00461312	0.472649	-2.11574	0.0425058	0.628536	-1.591	0.0012811	0.393218	-2.54312	0.502318	0.873412	-1.14494	0.000768921	0.363283	-2.75267
cg17154975	GPR133	0.00262296	0.0142309	0.604541	-1.65415	0.0286521	1.53672	1.53672	0.0281124	0.649449	-1.53977	0.867141	0.972518	-1.02826	8.12E-05	0.306317	-3.26459
cg23918130	GPR133	0.00276291	0.908273	0.964742	-1.03655	0.0402008	2.09228	2.09228	0.678713	1.13851	1.13851	0.227953	0.674273	-1.48308	7.28E-05	0.105612	-9.46864
cg01430604	GPR133	0.00293123	0.655936	0.859887	-1.16294	0.0744308	0.512173	-1.95246	0.0026768	0.247229	-4.04483	0.469909	0.780765	-1.2808	0.000640337	0.171302	-5.83764
cg04848570	GPR133	0.0030924	0.012951	0.725593	-1.37818	0.898567	0.986825	-1.01335	0.795844	1.02733	1.02733	0.414257	1.09067	1.09067	0.227582	1.14079	1.14079
cg15922513	GPR133	0.00312342	0.199669	0.760633	-1.31469	0.259196	0.788445	-1.26832	0.00276186	0.434426	-2.30189	0.180287	1.33284	1.33284	0.00110545	0.378719	-2.64048
cg13857921	GPR133	0.00378683	0.421755	0.817083	-1.22387	0.000215487	0.218658	-4.57335	0.00406304	0.386931	-2.58444	0.495616	0.843401	-1.18568	0.0505394	0.577795	-1.73072
cg01353907	GPR133	0.00486864	0.636221	1.13969	1.13969	0.000564372	4.33471	4.33471	0.00163049	3.45085	3.45085	0.281314	1.35974	1.35974	0.960304	1.01375	1.01375
cg11511669	GPR133	0.00653866	0.47831	0.840347	-1.18998	0.0370255	1.79382	1.79382	0.677157	1.10631	1.10631	0.918285	1.02507	1.02507	0.612141	0.883932	-1.13131
cg19520879	GPR133	0.00660464	0.00123512	1.83779	1.83779	0.449293	1.10444	1.10444	0.956594	1.00704	1.00704	0.116052	0.802462	-1.24617	0.0913186	1.27073	1.27073
cg00633768	GPR133	0.00680761	0.0883142	0.603796	-1.65619	0.0946286	1.63701	1.63701	0.00186805	0.306112	-3.26678	0.00566189	0.377607	-2.64825	0.00865976	0.407458	-2.45424
cg13381015	GPR133	0.0077397	0.0166405	0.455217	-2.19675	0.340102	1.30293	1.30293	0.0639478	0.570974	-1.75139	0.596072	0.865905	-1.15486	0.000568183	0.237658	-4.20772
cg08349931	GPR133	0.00945504	0.00617984	0.29765	-3.35965	0.463969	0.776512	-1.28781	0.0426148	0.452872	-2.20813	0.273459	1.47219	1.47219	0.858755	0.941342	-1.06231
cg01832294	GPR133	0.0094925	0.0729909	0.615362	-1.62506	0.026166	0.526988	-1.89758	0.96088	1.01198	1.01198	0.640676	0.892137	-1.1209	0.00014355	0.203748	-4.90802
cg14242771	GPR133	0.00998922	0.0553057	1.4059	1.4059	0.0176588	0.635964	-1.57242	0.378229	1.15232	1.15232	0.920157	0.9844	-1.01585	0.133746	0.775986	-1.28868
cg21964649	GPR133	0.0100508	0.380512	1.13157	1.13157	0.0186518	1.47967	1.47967	0.00267244	0.565209	-1.76926	0.597494	1.07596	1.07596	0.634917	0.936389	-1.06793
cg25772418	GPR133	0.0106463	0.0776616	0.743414	-1.34515	0.850775	0.971926	-1.02888	0.000678246	0.455948	-2.19323	0.0328094	1.45868	1.45868	0.964562	0.993305	-1.00674
cg17405139	GPR133	0.0109081	0.713912	1.13045	1.13045	0.251773	1.48991	1.48991	0.0311221	0.430635	-2.32215	0.160256	0.606777	-1.64805	0.021672	0.399306	-2.50435
cg00066668	GPR133	0.0130677	0.212446	0.770065	-1.29859	0.873656	0.968836	-1.03217	0.0240644	0.585469	-1.70803	0.159415	0.741448	-1.34871	0.000816815	0.366485	-2.72863
cg11594260	GPR133	0.0141365	0.0018594	0.279554	-3.57712	0.386313	1.29217	1.29217	0.00352987	0.319303	-3.13182	0.252896	0.70845	-1.41153	0.0308652	0.481099	-2.07857
cg13842421	GPR133	0.0154004	0.0394649	5.43797	5.43797	0.00213036	21.5077	21.5077	0.0309846	6.05257	6.05257	0.0275325	6.37858	6.37858	0.0500321	4.89714	4.89714
cg02075142	GPR133	0.0160185	0.070595	0.421645	-2.37167	0.0993928	0.462108	-2.164	0.0510352	0.386811	-2.58524	0.130817	0.497928	-2.00832	0.00071387	0.110534	-9.04699
cg16634951	GPR133	0.017929	0.993873	1.00121	1.00121	0.7148	0.943623	-1.05975	0.23982	0.823155	-1.21484	0.43162	0.880813	-1.13531	0.960648	1.00783	1.00783
cg19889044	GPR133	0.0202827	0.0237839	0.470211	-2.12671	0.253169	0.716226	-1.39621	0.107722	0.61208	-1.63377	0.136343	0.638373	-1.56648	0.00180814	0.28917	-3.45817
cg25819846	GPR133	0.021094	0.0507861	4.27259	4.27259	0.0034174	13.4094	13.4094	0.307872	0.502186	-1.99129	0.447005	1.65827	1.65827	0.735403	1.24776	1.24776
cg19477293	GPR133	0.0227193	0.35403	0.629161	-1.58942	0.0182072	0.248298	-4.02742	0.0588358	0.354513	-2.82077	0.907949	1.05782	1.05782	0.00354532	0.146518	-6.8251
cg06820006	GPR133	0.0239772	0.238199	0.795765	-1.25665	0.00816483	1.8701	1.8701	0.146045	1.33451	1.33451	0.499591	0.880975	-1.13511	0.642752	0.917249	-1.09022
cg21344159	GPR133	0.0252045	0.0599698	0.424039	-2.35827	0.703834	0.856922	-1.16697	0.322188	0.66137	-1.51201	0.449712	1.36534	1.36534	0.00805832	0.253565	-3.94376
cg21174410	GPR133	0.0262404	0.00861489	0.634648	-1.57568	0.0770759	1.3058	1.3058	0.0436541	0.729934	-1.36999	0.21629	0.838109	-1.19316	0.00960884	0.640854	-1.56042
cg21730118	GPR133	0.0271135	0.197165	0.7486	-1.33583	0.789471	0.944752	-1.05848	0.0191289	0.547609	-1.82612	0.0352035	0.593941	-1.68367	0.0552684	0.630363	-1.58639
cg21170820	GPR133	0.0281463	0.72108	0.926724	-1.07907	0.044873	1.63022	1.63022	0.671875	1.09466	1.09466	0.291476	1.26157	1.26157	0.00115655	0.36301	-2.75475
cg24336338	GPR133	0.0290515	0.0474176	0.250569	-3.99092	0.00228188	0.074021	-13.5097	0.193815	0.432153	-2.314	0.352826	0.557983	-1.79217	0.0203541	0.181518	-5.50909
cg21074413	GPR133	0.0316175	0.0317483	0.20818	-4.80354	0.238047	2.16074	2.16074	0.735065	1.23582	1.23582	0.64771	0.750661	-1.33216	0.0109081	0.136412	-7.33071
cg15353923	GPR133	0.0340533	0.856175	1.02578	1.02578	0.607683	1.07534	1.07534	0.855233	0.974706	-1.02595	0.256365	1.1808	1.1808	0.65653	0.939144	-1.0648
cg27162642	GPR133	0.0345465	0.452614	0.801221	-1.24809	0.439812	1.25633	1.25633	0.243803	0.702432	-1.42363	0.968583	0.988658	-1.01147	0.00108595	0.247416	-4.04178
cg09823760	GPR133	0.0362411	0.563101	0.885364	-1.12948	0.746104	0.934577	-1.07	0.206559	0.75771	-1.31977	0.455485	0.853586	-1.17153	0.000637143	0.335415	-2.98138
cg23821003	GPR133	0.0367743	0.0110969	0.675507	-1.48037	0.126374	0.815694	-1.22595	0.224829	0.854653	-1.17007	0.263382	0.866203	-1.15446	0.280893	0.871035	-1.14806
cg12108395	GPR133	0.0383185	0.0509472	0.456175	-2.19214	0.369846	0.722458	-1.38416	0.0189168	0.366613	-2.72767	0.857117	0.938362	-1.06569	0.00213119	0.217941	-4.58839
cg24807495	GPR133	0.0383595	0.799562	1.05788	1.05788	0.264751	0.773327	-1.29311	0.410571	1.20454	1.20454	0.291958	0.785202	-1.27356	0.0246743	1.80689	1.80689
cg18581657	GPR133	0.0469584	0.881605	0.97039	-1.03051	0.031012	0.600094	-1.66641	0.46764	0.861525	-1.16073	0.0376111	0.614813	-1.62651	0.0041456	0.460641	-2.17089
cg23054637	GPR133	0.0472295	0.0394618	0.516325	-1.93676	0.437594	1.24575	1.24575	0.0292965	0.490414	-2.03909	0.388796	1.27774	1.27774	0.067819	0.566858	-1.76411
cg21621264	GPR133	0.0499572	0.626402	1.46779	1.46779	0.00372494	21.4272	21.4272	0.0137166	10.8477	10.8477	0.135246	3.52373	3.52373	0.239639	2.62009	2.62009
cg20712263	GPR133;GPR133	1.06E-08	7.67E-08	0.182487	-5.47985	9.38E-06	2.48358	2.48358	1.48E-07	0.209359	-4.77649	4.76E-07	0.260319	-3.84145	1.02E-07	0.193875	-5.15797
cg19642421	GPR133;GPR133	3.82E-05	0.353561	0.839803	-1.19076	0.00610149	1.92465	1.92465	0.00476694	0.503888	-1.98457	0.195908	1.28423	1.28423	0.00633486	0.521979	-1.91578
cg22882539	GPR133;GPR133	4.13E-05	5.71E-05	0.179664	-5.56596	0.000407588	3.63545	3.63545	0.0146602	0.501298	-1.99482	0.00308602	0.39427	-2.53634	0.000929285	0.321072	-3.11457
cg21502466	GPR133;GPR133	4.97E-05	0.000167959	0.256387	-3.90035	0.987828	1.00325	1.00325	0.000578031	0.32254	-3.10039	0.0306999	0.583084	-1.71502	1.86E-05	0.156758	-6.37928
cg23379751	GPR133;GPR133	0.000401047	0.00134253	0.342515	-2.91958	0.228968	1.33682	1.33682	0.0187751	0.519589	-1.9246	0.00160916	0.353429	-2.82942	0.000430954	0.277872	-3.59878
cg02717046	GPR133;GPR133	0.000574814	0.5972	0.833593	-1.19963	0.0152164	2.7661	2.7661	0.47086	0.778524	-1.28448	0.591378	1.20317	1.20317	0.000827936	0.179361	-5.57534
cg04186360	GPR135	0.00548487	0.00667438	0.60102	-1.66384	0.410711	1.12941	1.12941	0.0315351	0.694343	-1.44021	0.0501992	0.723993	-1.38123	0.681399	1.06154	1.06154
cg22995959	GPR135	0.00579676	0.0154071	2.97226	2.97226	0.00268633	4.57239	4.57239	0.031094	2.52726	2.52726	0.298377	1.4843	1.4843	0.0170627	2.90225	2.90225
cg14847688	GPR135	0.00582044	0.00131343	0.0649868	-15.3877	0.0165057	5.26678	5.26678	0.217313	2.05149	2.05149	0.0329763	0.245555	-4.0724	?	?	?
cg22821834	GPR135	0.0142418	0.52275	0.910488	-1.09831	0.103571	1.29398	1.29398	0.0208198	1.49594	1.49594	0.315645	0.860533	-1.16207	0.353821	0.871005	-1.1481
cg10498429	GPR137;BAD;BAD;GPR137	0.0180851	0.809129	0.955934	-1.0461	0.966355	1.00789	1.00789	0.00193045	2.2642	2.2642	0.803961	0.95474	-1.04741	0.0809606	1.43384	1.43384
cg14391469	GPR137;BAD;BAD;GPR137	0.0345182	0.11655	0.784229	-1.27514	0.646989	0.936394	-1.06793	0.573913	0.922213	-1.08435	0.0168023	1.5157	1.5157	0.0195256	0.668784	-1.49525
cg02792333	GPR137;GPR137;BAD;BAD	0.00122459	0.942117	0.973441	-1.02728	0.00269727	0.215079	-4.64946	0.0298372	0.387696	-2.57934	0.251163	1.5596	1.5596	0.000398765	0.123831	-8.07551
cg04165881	GPR137;GPR137;GPR137;GPR137	0.000125319	0.0539154	0.784104	-1.27534	0.000362521	0.529734	-1.88774	0.0102234	0.697773	-1.43313	0.982716	0.997595	-1.00241	0.00439751	0.655308	-1.526
cg23100081	GPR137;GPR137;GPR137;GPR137	0.000739156	0.00595079	2.21681	2.21681	0.0821203	1.53164	1.53164	0.070137	1.56541	1.56541	0.863346	0.962586	-1.03887	0.000170803	0.243114	-4.1133
cg05171590	GPR137;GPR137;GPR137;GPR137	0.0111085	0.775842	1.06826	1.06826	0.0290196	0.551422	-1.81349	0.00168402	0.354029	-2.82462	0.211319	1.35607	1.35607	0.0122154	0.485703	-2.05887
cg23429680	GPR137;GPR137;GPR137;GPR137	0.0428232	0.0707858	0.359542	-2.78131	0.137622	0.444804	-2.24818	0.0732482	2.75142	2.75142	0.113096	0.417398	-2.3958	0.00527545	0.155116	-6.44677
cg15417149	GPR137;GPR137;GPR137;GPR137;GPR137;GPR137	0.00238585	0.0547915	0.650448	-1.5374	0.730032	1.07079	1.07079	4.13E-05	4.67864	4.67864	0.0628579	1.51171	1.51171	0.701991	1.07887	1.07887
cg01514015	GPR137B	5.67E-05	0.000153607	0.377716	-2.64749	0.0203051	1.52169	1.52169	0.848817	0.971769	-1.02905	0.0784184	0.745757	-1.34092	5.18E-06	0.211482	-4.72853
cg23655242	GPR137B	0.00031445	4.74E-05	0.24689	-4.05039	0.473467	1.1423	1.1423	0.663632	1.08313	1.08313	0.0152632	0.580627	-1.72228	0.000168102	0.310784	-3.21767
cg07396581	GPR137B	0.000377331	0.00186543	0.700482	-1.42759	0.00256367	0.713679	-1.40119	0.0036098	0.727775	-1.37405	0.0794876	1.17	1.17	9.05E-05	0.568594	-1.75872
cg23237976	GPR137B	0.002874	0.176589	1.22286	1.22286	0.00281672	1.77944	1.77944	0.215895	1.2001	1.2001	0.0306009	1.42732	1.42732	0.000953843	1.99274	1.99274
cg17269430	GPR137B	0.00562011	0.0020359	0.329398	-3.03584	0.586702	1.15045	1.15045	0.195666	1.41823	1.41823	0.609479	0.876742	-1.14059	0.000579802	0.256946	-3.89187
cg22425183	GPR137B	0.00654672	0.0255315	0.602853	-1.65878	0.00845532	0.526652	-1.89879	0.665542	1.08648	1.08648	0.502601	0.878311	-1.13855	0.000420997	0.344425	-2.90339
cg23035226	GPR137B	0.0151634	0.044117	0.556574	-1.79671	0.112673	0.645653	-1.54882	0.0369111	0.541164	-1.84787	0.489268	0.836971	-1.19478	0.00119614	0.300333	-3.32963
cg19249231	GPR137B	0.0198883	0.945819	1.02675	1.02675	0.00627798	3.98743	3.98743	0.532811	0.782381	-1.27815	0.232212	1.62696	1.62696	0.0382726	0.393466	-2.54151
cg07425541	GPR137B	0.0382644	0.522656	0.795569	-1.25696	0.840067	0.931281	-1.07379	0.419505	1.33845	1.33845	0.10962	0.536474	-1.86402	0.00849702	0.29203	-3.42431
cg07757497	GPR137B	0.0447187	0.442643	0.878487	-1.13832	0.053457	1.43769	1.43769	0.778218	1.04784	1.04784	0.960914	0.991922	-1.00814	0.352632	1.17151	1.17151
cg21434251	GPR137B;GPR137B	0.020267	0.760379	0.947853	-1.05502	0.179489	1.28354	1.28354	0.50684	1.12514	1.12514	0.966722	1.00733	1.00733	0.995269	0.998962	-1.00104
cg23333723	GPR137C	0.00399408	0.53267	1.19726	1.19726	0.430425	1.25768	1.25768	0.00745455	0.374713	-2.66871	0.7383	0.908898	-1.10023	0.00344814	0.32256	-3.1002
cg21192376	GPR137C;TXNDC16;TXNDC16	0.0318678	0.80286	1.0322	1.0322	0.0833707	0.784405	-1.27485	0.574807	1.07445	1.07445	0.278188	1.15357	1.15357	0.00108795	0.542937	-1.84183
cg04719215	GPR139	0.000169804	0.00511914	0.358406	-2.79013	0.0612546	0.557059	-1.79514	0.00843781	0.393304	-2.54256	0.753272	0.916236	-1.09142	0.000265115	0.189796	-5.26881
cg01944044	GPR139	0.00254111	0.792317	0.977093	-1.02344	0.0324047	1.25287	1.25287	0.000630555	1.64141	1.64141	0.537512	0.94657	-1.05645	0.101917	1.1728	1.1728
cg08280383	GPR139	0.0279184	0.947705	1.00685	1.00685	0.315391	0.897529	-1.11417	0.0468129	1.26747	1.26747	0.623036	1.05295	1.05295	0.140896	1.17932	1.17932
cg20086208	GPR139	0.0374463	0.237042	1.26083	1.26083	0.836977	0.962186	-1.0393	0.0461219	0.652111	-1.53348	0.14479	0.746014	-1.34046	0.205186	0.778737	-1.28413
cg00938050	GPR139;GPR139	?	?	10.3332	10.3332	?	16.768	16.768	?	2.54425	2.54425	?	1.81805	1.81805	?	?	?
cg13683374	GPR142	0.000159355	0.586295	0.909019	-1.10009	0.000592561	2.51122	2.51122	0.22874	0.803104	-1.24517	0.242188	0.808576	-1.23674	8.57E-05	0.293927	-3.4022
cg21299211	GPR142	0.00144637	0.289907	0.720511	-1.3879	0.0321923	0.472996	-2.11418	0.00502367	0.330368	-3.02693	0.000105643	0.129599	-7.71612	0.840924	0.941792	-1.06181
cg24317310	GPR142	0.0029725	0.0127057	0.690491	-1.44824	0.035773	0.746638	-1.33934	0.000146843	0.457936	-2.18371	0.161587	0.836302	-1.19574	0.0176257	0.708	-1.41243
cg03114057	GPR142	0.0105426	0.299594	0.706881	-1.41466	0.730348	0.894362	-1.11812	0.359	0.737605	-1.35574	0.00506975	0.302524	-3.30553	0.0517892	0.489596	-2.0425
cg03803009	GPR142	0.0166487	0.00185608	0.111896	-8.93689	0.0450058	0.319629	-3.12863	0.0716445	0.368876	-2.71094	0.861634	1.09035	1.09035	0.246654	0.548441	-1.82335
cg11592852	GPR142	0.0231909	0.024482	0.331923	-3.01275	0.725711	0.865067	-1.15598	0.0453501	0.3888	-2.57202	0.00393197	0.202565	-4.93668	0.111074	0.48952	-2.04282
cg08481536	GPR142	0.0266169	0.0756244	0.788862	-1.26765	0.418689	0.905655	-1.10417	0.0105799	0.680043	-1.4705	0.158245	0.834523	-1.19829	0.103769	1.2378	1.2378
cg04702368	GPR143	0.00128904	0.28025	1.18584	1.18584	0.630931	0.929128	-1.07628	0.020907	0.655685	-1.52512	0.833374	1.03251	1.03251	2.44E-05	0.279262	-3.58087
cg22569587	GPR143	0.00420585	0.0550252	4.39295	4.39295	0.661368	1.34965	1.34965	0.327173	1.98993	1.98993	0.615195	1.41169	1.41169	0.565392	1.48485	1.48485
cg07274490	GPR143	0.0202595	0.211522	0.668752	-1.49532	0.240156	0.686646	-1.45636	0.0463134	0.497705	-2.00922	0.734009	1.10989	1.10989	0.00269281	0.281499	-3.55241
cg21984635	GPR143	0.0208201	0.478427	1.22907	1.22907	0.0154385	0.427181	-2.34093	0.0368082	0.499499	-2.00201	0.0406786	0.508464	-1.96671	0.00729854	0.371503	-2.69176
cg16415834	GPR143;GPR143	0.00194194	0.0107978	4.66973	4.66973	0.795398	1.13322	1.13322	0.0614217	2.75704	2.75704	0.994166	1.00353	1.00353	0.599455	1.29052	1.29052
cg14206983	GPR144	1.29E-05	0.445848	0.911516	-1.09707	0.429852	0.908398	-1.10084	0.180279	0.843972	-1.18487	0.246623	0.865505	-1.15539	0.013908	0.696095	-1.43659
cg21186235	GPR144	0.00368358	0.453261	0.764553	-1.30795	0.000999744	0.179602	-5.56785	0.00151186	0.200726	-4.98191	0.183389	0.608961	-1.64214	0.119952	0.552793	-1.809
cg13515842	GPR144	0.00696644	0.00478723	4.34681	4.34681	0.742287	0.878538	-1.13825	0.00825272	3.76512	3.76512	0.682862	1.17493	1.17493	0.206697	1.68647	1.68647
cg14476358	GPR144	0.011342	0.261086	1.33547	1.33547	0.010706	2.20717	2.20717	0.0290659	1.88692	1.88692	0.296355	1.30637	1.30637	0.526309	0.853447	-1.17172
cg05227623	GPR144	0.0125845	0.559223	1.14223	1.14223	0.986941	1.00369	1.00369	0.00604628	0.445997	-2.24217	0.476713	0.849649	-1.17696	0.0843924	0.650589	-1.53707
cg06960941	GPR144	0.0146668	0.961704	1.01546	1.01546	0.339996	1.36914	1.36914	0.442823	0.778803	-1.28402	0.292674	0.705545	-1.41734	0.300632	0.709871	-1.40871
cg07980535	GPR144	0.0233013	0.228855	0.78696	-1.27071	0.517086	0.882839	-1.13271	0.834648	1.04045	1.04045	0.582762	1.11099	1.11099	0.00121738	0.407319	-2.45508
cg17727725	GPR148	0.00234677	0.0969187	1.71087	1.71087	0.000466147	5.61057	5.61057	0.00170505	3.97601	3.97601	0.278756	1.3897	1.3897	0.917371	0.970305	-1.0306
cg16169604	GPR148	0.0291595	0.18697	0.626277	-1.59674	0.202482	1.56859	1.56859	0.181621	1.60705	1.60705	0.638614	0.853631	-1.17147	0.00500125	0.288602	-3.46498
cg11777523	GPR148	0.044548	0.0108956	0.323337	-3.09275	0.129414	1.78382	1.78382	0.731002	0.885231	-1.12965	0.0244093	0.387767	-2.57887	0.0651158	0.481171	-2.07826
cg16619395	GPR149	0.0152359	0.0205415	0.169505	-5.89954	0.840685	1.13235	1.13235	0.195901	0.426674	-2.34371	0.0527322	0.24976	-4.00384	0.378225	0.570986	-1.75136
cg08375941	GPR15	0.0192001	0.108039	0.440584	-2.26971	0.00423428	0.166999	-5.98808	0.00610144	0.187623	-5.32983	0.0492073	0.350139	-2.85601	0.00462692	0.171834	-5.81956
cg19614811	GPR15	0.031696	0.0504654	0.442222	-2.26131	0.041363	0.422676	-2.36588	0.0252193	0.377535	-2.64876	0.0657303	0.469621	-2.12938	0.00449298	0.249975	-4.00039
cg27265307	GPR152	0.020964	0.112894	0.584762	-1.7101	0.306428	1.38992	1.38992	0.227258	0.674252	-1.48313	0.411897	0.770371	-1.29808	0.051542	0.502021	-1.99195
cg05790960	GPR153	0.000666376	0.011255	0.42331	-2.36234	0.00134712	0.283415	-3.5284	0.000773323	0.252135	-3.96614	0.00214581	0.311261	-3.21273	0.000380855	0.215184	-4.64718
cg08207378	GPR153	0.00489618	0.0825005	1.40262	1.40262	0.00466555	0.515907	-1.93833	0.171863	0.774248	-1.29158	0.00486214	1.92872	1.92872	0.0231648	1.61219	1.61219
cg14566624	GPR153	0.0056296	0.160586	0.719016	-1.39079	0.00445108	2.30497	2.30497	0.439764	1.18936	1.18936	0.00383667	2.35772	2.35772	0.0975031	0.670204	-1.49208
cg19319393	GPR153	0.0178479	0.918903	0.987131	-1.01304	0.745386	1.04231	1.04231	0.958241	0.993362	-1.00668	0.00152327	1.78694	1.78694	0.257625	0.860496	-1.16212
cg04861645	GPR153	0.0188299	0.300191	0.848304	-1.17882	0.172028	0.800298	-1.24953	0.109063	0.765078	-1.30706	0.617065	0.925659	-1.08031	0.010776	1.63377	1.63377
cg04055049	GPR153	0.0272915	0.169266	0.812536	-1.23071	0.7415	0.954157	-1.04805	0.258797	0.846182	-1.18178	0.0189198	1.49624	1.49624	0.332404	1.15229	1.15229
cg05133314	GPR153	0.0281929	0.0127696	0.403213	-2.48008	0.916662	1.03121	1.03121	0.258425	0.70736	-1.41371	0.190653	0.665729	-1.50211	0.041793	0.502119	-1.99156
cg07480647	GPR153	0.0307521	0.0411748	16.3316	16.3316	0.0677488	11.316	11.316	0.20529	4.87686	4.87686	0.541906	0.480907	-2.0794	0.137959	0.150475	-6.6456
cg15892785	GPR153	0.0319042	0.0484506	46.138	46.138	0.145275	13.896	13.896	0.216602	8.85332	8.85332	0.0704754	0.0325985	-30.6762	0.157934	0.0789799	-12.6614
cg06348737	GPR153	0.0333912	0.15865	0.572818	-1.74575	0.0253439	0.374183	-2.67249	0.154028	0.568755	-1.75823	0.0607298	2.18549	2.18549	0.592076	0.818719	-1.22142
cg02700833	GPR153	0.0355203	0.0480462	0.582706	-1.71613	0.0369617	0.56045	-1.78428	0.142824	0.686325	-1.45704	0.096919	0.646968	-1.54567	0.149083	0.690893	-1.4474
cg21932983	GPR153	0.0429573	0.109693	0.839023	-1.19186	0.378623	0.913093	-1.09518	0.514918	0.935697	-1.06872	0.691611	1.04095	1.04095	0.200212	0.872672	-1.14591
cg19802649	GPR153	0.0485839	0.113155	2.805	2.805	0.188601	2.30094	2.30094	0.197435	2.25934	2.25934	0.680887	1.28066	1.28066	0.477178	0.648961	-1.54092
cg00934611	GPR155;GPR155	0.000431457	0.0525141	0.542603	-1.84297	0.523376	1.19644	1.19644	0.293262	0.73908	-1.35303	0.0862171	0.591146	-1.69163	0.541345	1.18705	1.18705
cg11989674	GPR155;GPR155	0.000695589	0.0401721	0.730911	-1.36815	0.0121992	0.661732	-1.51118	0.0442593	0.736751	-1.35731	0.0102177	0.651743	-1.53435	9.80E-06	0.284499	-3.51495
cg16302049	GPR155;GPR155	0.00465217	0.295993	1.22712	1.22712	0.583294	1.11031	1.11031	0.00275529	0.458345	-2.18176	0.000781123	2.61078	2.61078	0.944358	0.986903	-1.01327

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00922378	0.0607926	1.56082	1.56082	0.000839379	2.88117	2.88117	0.0183828	1.82681	1.82681	0.0770178	1.5131	1.5131	5.94412	4.1768	0.624602	1
cg19828516	0.405696	0.751177	-1.33124	0.000581986	5.9833	5.9833	0.726885	0.888754	-1.12517	0.635656	1.17412	1.17412	5.21764	9.34761	1.59248	1
cg25990848	0.945432	1.03005	1.03005	0.00233439	0.159124	-6.28441	0.863532	0.928293	-1.07725	0.091024	0.447016	-2.23705	4.34432	12.8713	2.63359	1
cg21115864	0.532498	0.835891	-1.19633	0.00641871	0.365944	-2.73266	0.0279532	2.08822	2.08822	0.82509	1.06477	1.06477	3.9906	5.08075	1.13171	1
cg17393321	0.00411247	0.790186	-1.26552	1.17E-09	0.15581	-6.41808	0.0332404	0.858756	-1.16448	1.48E-06	0.473747	-2.11083	158.821	9.4156	0.0526971	1
cg21162528	2.35E-05	0.51039	-1.95929	1.38E-09	0.0935021	-10.6949	2.11E-06	0.39505	-2.53132	3.83E-07	0.313799	-3.18676	151.831	15.2611	0.0893456	1
cg01427750	0.400973	0.890465	-1.12301	2.26E-05	0.318089	-3.14377	0.844701	1.02682	1.02682	0.0846888	0.77312	-1.29346	49.6811	14.3288	0.256369	1
cg00921219	0.000184181	0.218678	-4.57293	2.83E-06	0.0673539	-14.8469	0.0430245	0.571157	-1.75083	0.000114758	0.196378	-5.09221	26.8398	24.5975	0.814627	1
cg16354932	0.00465782	0.511533	-1.95491	3.61E-05	0.242168	-4.12936	0.103293	0.728029	-1.37357	7.64E-05	0.278842	-3.58626	22.8273	11.4721	0.446722	1
cg10239022	0.318507	0.856407	-1.16767	0.0265954	1.48459	1.48459	0.112508	0.771233	-1.29663	0.00503594	0.572491	-1.74675	18.4121	6.59179	0.318235	1
cg26829071	0.117625	0.769739	-1.29914	0.000591313	0.441712	-2.26392	0.257158	0.833508	-1.19975	0.582487	1.08926	1.08926	18.3136	6.87812	0.333844	1
cg11707665	0.034426	0.658587	-1.5184	4.01E-05	0.264961	-3.77414	0.00297979	0.50165	-1.99342	0.0443522	0.676385	-1.47845	15.7077	7.13041	0.403505	1
cg25130831	0.0106252	0.446834	-2.23797	1.62E-05	0.107765	-9.27941	0.81021	0.941455	-1.06219	0.00893177	0.434291	-2.30261	15.6761	15.6105	0.885168	1
cg16461248	0.0058547	0.464835	-2.1513	0.0846301	1.49934	1.49934	0.994488	0.998534	-1.00147	0.0049797	0.454111	-2.2021	13.977	9.98248	0.634853	1
cg18193127	0.0548824	0.48698	-2.05347	8.71E-05	0.0977077	-10.2346	0.133419	0.585664	-1.70746	0.00123592	0.209974	-4.7625	12.833	22.1985	1.5376	1
cg27177570	0.13507	1.24913	1.24913	0.93948	0.98957	-1.01054	0.528928	0.915685	-1.09208	0.810764	0.96742	-1.03368	11.3557	3.42919	0.268425	1
cg02579047	0.262199	0.890819	-1.12256	0.00197046	0.648897	-1.54108	0.641891	0.95474	-1.04741	0.137135	0.853554	-1.17157	10.9595	1.69751	0.137679	1
cg02380715	0.250679	0.733555	-1.36322	7.53E-05	0.156505	-6.38956	0.309613	1.31184	1.31184	0.392737	0.797701	-1.2536	10.0652	10.6233	0.938176	1
cg09103234	0.639167	0.914491	-1.0935	0.458956	0.866985	-1.15342	0.423246	0.856589	-1.16745	0.17248	0.759689	-1.31633	9.77297	5.54558	0.504392	1
cg23937381	0.140392	0.765825	-1.30578	0.00547145	0.540887	-1.84881	0.287066	0.830315	-1.20436	0.265442	0.822656	-1.21557	9.6227	4.31246	0.39836	1
cg18725348	0.307518	0.676523	-1.47815	0.000490534	0.132637	-7.5394	0.000935822	0.160918	-6.21435	0.0350452	0.403102	-2.48076	9.43569	20.4532	1.92679	1
cg26150582	0.12074	0.715676	-1.39728	0.00112504	0.385509	-2.59397	0.00784936	0.507545	-1.97027	0.00326443	0.450583	-2.21935	9.20831	5.76341	0.556348	1
cg17154975	0.435978	0.876101	-1.14142	0.140773	0.768215	-1.30172	0.628808	1.08445	1.08445	0.35836	0.854535	-1.17023	8.90516	3.90683	0.389969	1
cg23918130	0.66282	0.87229	-1.14641	0.0183286	0.410042	-2.43877	0.158853	0.625633	-1.59838	0.0345658	0.464169	-2.15439	8.76949	13.4706	1.3654	1
cg01430604	0.419392	0.757495	-1.32014	0.000475924	0.157754	-6.33897	0.0333953	0.433072	-2.30908	0.00447896	0.27919	-3.58179	8.61724	15.4662	1.59537	1
cg04848570	0.374537	0.909567	-1.09942	0.0135762	1.37384	1.37384	0.000149473	0.507927	-1.96879	0.131143	0.844087	-1.18471	8.48136	1.45269	0.152249	1
cg15922513	0.0587539	1.53893	1.53893	0.672666	0.917768	-1.0896	0.00136685	0.391344	-2.5553	0.0384649	0.616178	-1.62291	8.45621	5.46094	0.574036	1
cg13857921	0.0192762	2.00729	2.00729	0.728688	1.0895	1.0895	0.554716	0.863225	-1.15845	0.193907	0.71295	-1.40262	7.983	7.66095	0.85303	1
cg01353907	0.930155	0.976229	-1.02435	0.0175279	0.45232	-2.21083	0.49044	1.21195	1.21195	0.0718917	1.73568	1.73568	7.39843	8.82471	1.06025	1
cg11511669	0.104011	1.53558	1.53558	0.000239282	0.230513	-4.33815	0.0416825	0.567464	-1.76223	0.374938	0.802727	-1.24575	6.75693	6.23089	0.819687	1
cg19520879	0.00516106	0.62137	-1.60935	0.0250888	1.40963	1.40963	0.68124	1.05466	1.05466	0.199463	0.839735	-1.19085	6.7359	1.77105	0.233713	1
cg00633768	0.0117254	0.42967	-2.32737	0.12245	0.638231	-1.56683	0.256868	0.72798	-1.37366	0.014127	0.443735	-2.2536	6.6728	7.60658	1.01328	1
cg13381015	0.0185228	0.463634	-2.15687	0.0102989	0.418894	-2.38724	0.833661	0.944971	-1.05823	0.0233504	0.482238	-2.07366	6.41045	7.35461	1.01981	1
cg08349931	0.636938	1.17508	1.17508	0.000462503	0.154164	-6.48659	0.39431	1.34458	1.34458	0.412248	0.752396	-1.32909	6.01728	10.9746	1.6212	1
cg01832294	0.985848	1.00432	1.00432	0.574814	0.871433	-1.14753	0.190568	0.714239	-1.40009	0.2446	0.744127	-1.34386	6.0097	5.61102	0.82992	1
cg14242771	0.0171376	1.57712	1.57712	0.00198875	0.50422	-1.98326	0.557427	0.911153	-1.09751	0.330369	1.17059	1.17059	5.91266	2.30288	0.346207	1
cg21964649	0.984303	0.9973	-1.00271	0.00281024	1.76055	1.76055	0.654276	1.0639	1.0639	0.235588	0.842992	-1.18625	5.90104	1.76455	0.265799	1
cg25772418	0.710028	1.05809	1.05809	0.519629	0.906021	-1.10373	0.0411091	1.42806	1.42806	0.32323	1.1668	1.1668	5.79313	2.09744	0.321827	1
cg17405139	0.0101138	0.339401	-2.94637	0.000860387	0.188905	-5.29367	0.201024	0.637809	-1.56787	0.0612642	0.495452	-2.01836	5.74803	10.096	1.56127	1
cg00066668	0.20771	0.767743	-1.30252	0.430369	1.17367	1.17367	0.211481	0.769595	-1.29938	0.0036224	0.456888	-2.18872	5.42094	3.3983	0.557231	1
cg11594260	0.449798	0.800695	-1.24892	0.0125651	0.408244	-2.44952	0.689875	0.890683	-1.12273	0.220313	0.689388	-1.45056	5.28301	6.97024	1.17277	1
cg13842421	0.0393771	5.44333	5.44333	0.396127	1.85479	1.85479	0.0055486	13.3355	13.3355	0.016441	8.03784	8.03784	5.13571	41.1081	7.11498	1
cg02075142	0.0380902	0.357906	-2.79403	0.00950294	0.24556	-4.07232	0.0487791	0.382197	-2.61645	0.0570891	0.398494	-2.50945	5.06905	14.665	2.5716	1
cg16634951	0.920404	0.984321	-1.01593	0.000240007	0.382451	-2.61471	0.0921446	0.745926	-1.34062	0.155081	0.786164	-1.272	4.88161	1.93292	0.351964	1
cg19889044	0.991037	0.996863	-1.00315	0.0049934	0.353779	-2.82663	0.0633253	0.55766	-1.79321	0.047722	0.530914	-1.88355	4.68217	5.79967	1.10104	1
cg25819846	0.170305	2.59348	2.59348	0.134941	2.86241	2.86241	0.00542331	10.8912	10.8912	0.0169413	6.6904	6.6904	4.61998	31.1595	5.99513	1
cg19477293	0.144627	0.467003	-2.14131	0.00301818	0.138662	-7.2118	0.417872	0.668782	-1.49526	0.0872183	0.399453	-2.50342	4.50386	16.8446	3.32448	1
cg06820006	0.817682	1.04362	1.04362	0.00184686	2.2648	2.2648	0.432369	1.1597	1.1597	0.559298	0.896568	-1.11536	4.42085	2.39403	0.481362	1
cg21344159	0.858629	0.930457	-1.07474	0.00194784	0.170088	-5.87932	0.118417	0.503928	-1.98441	0.434654	1.38025	1.38025	4.3449	11.247	2.30093	1
cg21174410	0.357376	1.13709	1.13709	0.0654479	0.755291	-1.32399	0.435673	0.897677	-1.11399	0.621345	0.934654	-1.06991	4.28427	1.25001	0.259349	1
cg21730118	0.225038	0.762902	-1.31079	0.97158	1.00759	1.00759	0.00122448	0.36623	-2.73052	0.942897	1.01533	1.01533	4.23543	3.02551	0.634964	1
cg21170820	0.324123	1.24131	1.24131	0.301905	1.25488	1.25488	0.802814	1.05455	1.05455	0.904452	0.97483	-1.02582	4.1801	2.98324	0.634379	1
cg24336338	0.0969755	0.329005	-3.03947	0.0200996	0.18064	-5.53588	0.0232293	0.190979	-5.23619	0.147522	0.387383	-2.58142	4.13364	24.3798	5.24258	1
cg21074413	0.964448	1.02818	1.02818	0.0036462	0.0861573	-11.6067	0.312123	0.521091	-1.91905	0.151382	0.383532	-2.60734	4.01109	24.6875	5.47095	1
cg15353923	0.0023108	0.550362	-1.81699	0.0440599	1.38341	1.38341	0.0963311	0.774035	-1.29193	0.203931	0.828542	-1.20694	3.90563	1.21724	0.277033	1
cg27162642	0.101903	1.67964	1.67964	0.417169	0.786504	-1.27145	0.182833	0.664033	-1.50595	0.39844	0.778488	-1.28454	3.88541	5.16227	1.181	1
cg09823760	0.419648	0.842206	-1.18736	0.0896862	0.6773	-1.47645	0.108967	0.694852	-1.43916	0.105796	0.69215	-1.44477	3.81856	2.62323	0.610638	1
cg23821003	0.570275	1.07323	1.07323	0.0125698	1.46573	1.46573	0.0589009	0.768891	-1.30057	0.550519	0.928293	-1.07725	3.79832	0.91296	0.213652	1
cg12108395	0.135326	0.566517	-1.76517	0.150867	0.58074	-1.72194	0.0320755	0.41213	-2.42642	0.327473	0.69989	-1.4288	3.74169	7.38459	1.75431	1
cg24807495	0.031721	0.573006	-1.74518	0.0114187	2.01403	2.01403	0.302533	1.26643	1.26643	0.227441	1.32341	1.32341	3.74023	2.89718	0.688535	1
cg18581657	0.334697	1.2222	1.2222	0.335615	1.22171	1.22171	0.292291	0.802231	-1.24652	0.344494	0.821701	-1.21699	3.46957	2.23508	0.572618	1
cg23054637	0.597331	0.862491	-1.15943	0.00487054	0.354952	-2.81728	0.584407	0.857895	-1.16564	0.490149	0.823232	-1.21472	3.46205	4.22228	1.08408	1
cg21621264	0.091358	4.28198	4.28198	0.474716	1.7659	1.7659	0.0477423	5.87571	5.87571	0.0713586	4.83251	4.83251	3.38923	32.8466	8.61462	1
cg20712263	1.34E-05	0.420332	-2.37907	6.54E-10	0.0446665	-22.3881	0.0184818	0.761999	-1.31234	3.60E-06	0.35572	-2.8112	231.739	33.2127	0.127395	1
cg19642421	0.000146897	0.302866	-3.30179	1.64E-06	0.110406	-9.05751	0.228087	0.793422	-1.26036	0.000393922	0.356076	-2.80839	28.5785	15.1425	0.470982	1
cg22882539	0.00142505	0.346296	-2.8877	6.77E-06	0.100666	-9.9338	0.210882	0.738635	-1.35385	0.00293607	0.391082	-2.55701	27.9988	23.4194	0.743503	1
cg21502466	0.000562568	0.321015	-3.11512	6.41E-06	0.117813	-8.48804	0.00679138	0.474533	-2.10733	0.000249913	0.276904	-3.61136	26.6647	19.071	0.635747	1
cg23379751	0.000906368	0.319423	-3.13064	6.60E-05	0.185857	-5.38048	0.0311226	0.558939	-1.78911	0.00260053	0.383166	-2.60983	15.1893	12.7192	0.744337	1
cg02717046	0.0113926	0.339251	-2.94767	3.86E-05	0.0677379	-14.7628	0.35167	0.720988	-1.38699	0.00355664	0.259719	-3.85032	13.7472	25.3621	1.6399	1
cg04186360	0.271952	1.1799	1.1799	0.240593	0.837167	-1.19451	0.000764115	2.09086	2.09086	0.350822	1.14903	1.14903	7.13359	2.36438	0.294616	1
cg22995959	0.0557595	2.21246	2.21246	0.000674206	6.71921	6.71921	0.00583372	3.75334	3.75334	0.0156103	2.96316	2.96316	7.01329	14.9111	1.88989	1
cg14847688	0.135745	0.409251	-2.44349	?	?	?	0.474413	0.669903	-1.49275	0.0673829	3.14587	3.14587	8.43827	30.7023	3.63846	1
cg22821834	0.299162	0.855746	-1.16857	0.00199016	0.531493	-1.88149	0.459156	1.11529	1.11529	0.0353456	1.42586	1.42586	5.27012	1.74936	0.295058	1
cg10498429	0.649979	0.918442	-1.0888	0.00755306	0.527266	-1.89657	0.215006	0.784223	-1.27515	0.607835	1.10119	1.10119	4.8674	2.67346	0.488229	1
cg14391469	0.0219607	0.675893	-1.47953	0.61962	0.931162	-1.07393	0.177993	0.81546	-1.2263	0.20524	1.20984	1.20984	3.88656	1.25046	0.28599	1
cg02792333	0.912776	0.960197	-1.04145	0.000190891	0.0972665	-10.281	0.00518842	0.254719	-3.92589	0.0416524	0.418724	-2.38821	11.1073	24.1715	1.93439	1
cg04165881	9.54E-06	0.34626	-2.88801	0.000654567	1.787	1.787	0.0840957	0.80862	-1.23667	0.662612	0.952376	-1.05001	20.841	4.07752	0.17391	1
cg23100081	0.000302954	0.272579	-3.66867	0.0690302	0.637411	-1.56885	0.524802	0.867058	-1.15333	0.358265	0.81131	-1.23257	12.8138	9.94295	0.689737	1
cg05171590	0.0466282	0.590378	-1.69383	0.136751	1.44885	1.44885	0.178449	0.718444	-1.3919	0.061718	0.614645	-1.62695	5.71441	4.84182	0.753156	1
cg23429680	0.159448	0.466834	-2.14209	0.227779	0.526519	-1.89927	0.139454	0.446728	-2.2385	0.0855074	0.381713	-2.61977	3.59135	14.6018	3.61406	1
cg15417149	0.243881	0.786043	-1.27219	0.685554	1.08369	1.08369	0.270064	1.25453	1.25453	0.176651	1.3279	1.3279	9.157	5.65412	0.548857	1
cg01514015	5.41E-05	0.323226	-3.09381	0.0404703	0.701112	-1.42631	0.0406975	1.42556	1.42556	0.0930316	0.757843	-1.31954	25.7463	9.18145	0.316988	1
cg23655242	0.291163	0.818821	-1.22127	0.000542364	0.374838	-2.66782	0.138011	1.33837	1.33837	0.00370625	0.48891	-2.04537	16.2396	8.56513	0.468821	1
cg07396581	0.0886557	0.859431	-1.16356	0.139306	0.879561	-1.13693	0.269571	0.911437	-1.09717	6.75E-05	0.555147	-1.80132	15.4465	1.59152	0.0915863	1
cg23237976	0.96613	1.00596	1.00596	0.0129603	1.54023	1.54023	0.117819	1.26854	1.26854	0.00389553	0.58023	-1.72346	8.66776	2.69276	0.276146	1
cg17269430	0.35628	0.784852	-1.27413	0.0140039	0.460834	-2.16998	0.716725	1.0975	1.0975	0.405691	1.2426	1.2426	7.0804	7.31042	0.917765	1
cg22425183	0.0597749	0.666914	-1.49944	0.223294	1.27638	1.27638	0.316516	1.21833	1.21833	0.463982	1.15274	1.15274	6.75434	3.89062	0.512016	1
cg23035226	0.0341518	0.534574	-1.87065	0.0258085	0.511397	-1.95543	0.143587	1.48908	1.48908	0.127441	0.658628	-1.51831	5.16216	5.24786	0.903647	1
cg19249231	0.882602	0.944213	-1.05908	0.152935	1.81234	1.81234	0.00577393	0.245352	-4.07577	0.887689	0.946584	-1.05643	4.71352	11.2658	2.12454	1
cg07425541	0.00984562	0.303169	-3.29849	0.100574	1.90156	1.90156	0.350231	1.40524	1.40524	0.755324	1.11647	1.11647	4.09367	7.8759	1.49638	1
cg07757497	0.878487	1.02564	1.02564	0.00194746	0.484226	-2.06515	0.208719	0.803062	-1.24523	0.88986	0.977329	-1.0232	3.53381	1.53298	0.385604	1
cg21434251	0.335771	0.840485	-1.18979	0.000468611	0.381854	-2.6188	0.0684236	0.699653	-1.42928	0.855011	1.03254	1.03254	4.6834	2.27364	0.431528	1
cg23333723	0.668793	0.884617	-1.13043	0.00042002	0.203364	-4.91729	0.0721262	1.77147	1.77147	0.0754962	0.569104	-1.75715	7.856	10.0975	1.14251	1
cg21192376	0.997908	0.999668	-1.00033	0.183362	0.836232	-1.19584	0.430494	1.10733	1.10733	0.211173	0.846285	-1.18163	3.9998	1.01682	0.225972	1
cg04719215	0.236777	0.709005	-1.41043	5.40E-06	0.057471	-17.4001	0.000246772	0.186463	-5.36301	0.0178939	0.450051	-2.22197	19.2034	23.4087	1.08355	1
cg01944044	0.0459041	1.22781	1.22781	0.000620113	0.608385	-1.6437	0.150036	1.14674	1.14674	0.25653	1.11032	1.11032	10.6411	1.27141	0.0929294	1
cg08280383	0.0814063	0.817783	-1.22282	0.435839	0.920542	-1.08632	0.282353	1.12338	1.12338	0.00189078	1.58185	1.58185	4.19209	0.720062	0.152682	1
cg20086208	0.407089	0.853283	-1.17194	0.00452775	2.0293	2.0293	0.719958	1.06967	1.06967	0.118046	0.727948	-1.37373	3.77332	2.09183	0.492776	1
cg00938050	?	?	?	?	?	?	?	?	?	?	2.40536	2.40536	?	12.2115	0	1
cg13683374	0.00928946	0.563883	-1.77342	0.609275	0.914403	-1.09361	2.31E-05	0.230059	-4.34672	0.740563	1.05938	1.05938	19.5356	9.32307	0.424209	1
cg21299211	0.48826	0.810485	-1.23383	0.000180924	0.150958	-6.62435	0.0848636	0.566289	-1.76588	0.298215	0.72485	-1.3796	10.5899	14.9361	1.2537	1
cg24317310	0.117786	0.816168	-1.22524	0.883182	1.01774	1.01774	0.00147867	0.577801	-1.7307	0.743186	1.0401	1.0401	8.58158	1.94385	0.201346	1
cg03114057	0.00901041	0.342514	-2.91959	0.00204729	0.246073	-4.06384	0.00293999	0.267686	-3.73572	0.0903156	0.547561	-1.82628	5.81137	9.58353	1.46587	1
cg03803009	0.102887	0.412825	-2.42234	0.0519709	0.334106	-2.99306	0.00208246	0.116684	-8.57017	0.171536	0.485904	-2.05802	5.00427	19.4846	3.46097	1
cg11592852	0.0373565	0.369993	-2.70275	0.0844637	0.455952	-2.19321	0.00356788	0.196996	-5.07625	0.204848	0.576653	-1.73415	4.47209	11.994	2.38397	1
cg08481536	0.648796	1.05653	1.05653	0.0103021	1.47356	1.47356	0.170701	0.8395	-1.19118	0.789464	0.968417	-1.03261	4.26296	0.970969	0.202461	1
cg04702368	0.544315	0.91102	-1.09767	0.0252303	1.49799	1.49799	0.410717	0.880075	-1.13627	0.937935	0.988243	-1.0119	10.9456	3.99784	0.324664	1
cg22569587	0.209118	2.46116	2.46116	0.000169715	77.515	77.515	0.00165095	21.4138	21.4138	0.00620183	11.3325	11.3325	7.73445	56.6882	6.51495	1
cg07274490	0.0789504	0.550843	-1.8154	0.482309	0.803896	-1.24394	0.00657456	0.339973	-2.94141	0.00798272	0.353671	-2.82749	4.68399	6.93171	1.31544	1
cg21984635	0.119522	1.6217	1.6217	0.160012	1.53672	1.53672	0.675301	0.886412	-1.12814	0.20155	0.679771	-1.47108	4.64063	6.02046	1.15319	1
cg16415834	0.0104871	4.71262	4.71262	0.000186287	20.8285	20.8285	0.000530121	13.4228	13.4228	0.00518138	5.90645	5.90645	9.72496	35.6748	3.26077	1
cg14206983	0.812195	1.02878	1.02878	0.053703	1.29846	1.29846	1.06E-07	0.129439	-7.72567	0.36038	1.11863	1.11863	38.0104	8.55655	0.200099	1
cg21186235	0.92741	1.03254	1.03254	0.00295885	0.238457	-4.19363	0.00110018	0.184353	-5.42437	0.290708	0.680257	-1.47003	8.04954	15.7409	1.73822	1
cg13515842	0.109345	0.50402	-1.98405	0.00291887	0.200916	-4.97721	0.64041	1.20277	1.20277	0.0602929	2.29676	2.29676	6.62504	16.1598	2.16817	1
cg14476358	0.0305093	1.87288	1.87288	0.00276463	2.77011	2.77011	0.00494234	2.50624	2.50624	0.0100859	2.22846	2.22846	5.67618	5.47644	0.857608	1
cg05227623	0.0494512	0.603605	-1.65671	0.0148334	0.509184	-1.96393	0.000857835	0.323877	-3.08759	0.548334	0.872168	-1.14657	5.48799	4.40725	0.713842	1
cg06960941	0.64383	0.861784	-1.16038	0.54707	1.21493	1.21493	0.000201162	0.136264	-7.33871	0.823751	0.931211	-1.07387	5.21928	8.43772	1.43702	1
cg07980535	0.1381	1.3538	1.3538	0.0802241	1.44512	1.44512	0.144981	0.743075	-1.34576	0.183089	0.764908	-1.30735	4.46477	2.54505	0.506694	1
cg17727725	0.0387955	2.03662	2.03662	0.511867	1.21368	1.21368	0.00202991	0.262452	-3.81022	0.819062	1.06884	1.06884	10.9191	14.2839	1.01746	1
cg16169604	?	?	?	0.370058	0.734941	-1.36065	0.0113294	0.346154	-2.88888	0.222061	0.650931	-1.53626	4.19806	6.61513	1.57576	1
cg11777523	0.194138	1.62459	1.62459	0.4006	1.35517	1.35517	0.286611	0.676463	-1.47828	0.762203	1.11316	1.11316	3.53887	6.99361	1.75665	1
cg16619395	0.0135018	0.141752	-7.0546	0.000726436	0.0332743	-30.0532	0.588871	1.40129	1.40129	0.925093	1.05978	1.05978	5.78736	34.205	4.59689	1
cg08375941	0.0316242	0.307915	-3.24765	0.0571391	0.365664	-2.73475	0.183984	0.517453	-1.93254	0.134924	0.470776	-2.12415	4.77012	16.5082	3.07622	1
cg19614811	0.0520285	0.445298	-2.24569	0.21303	0.618788	-1.61606	0.665401	0.85278	-1.17263	0.0106458	0.308701	-3.23938	4.00754	8.50257	1.88591	1
cg27265307	0.36055	0.746563	-1.33947	0.00117436	4.39586	4.39586	0.670322	0.875331	-1.14243	0.507665	0.811406	-1.23243	4.62974	7.08945	1.36114	1
cg05790960	0.231327	0.711833	-1.40482	0.057286	0.558644	-1.79005	8.58E-05	0.148139	-6.7504	0.0106998	0.41956	-2.38345	13.1915	15.314	1.03191	1
cg08207378	0.024107	1.6051	1.6051	0.664238	0.926044	-1.07986	0.452799	0.874107	-1.14402	0.024875	0.625175	-1.59955	7.38572	3.62027	0.435708	1
cg14566624	0.010648	2.02736	2.02736	0.285361	0.783321	-1.27662	0.0208772	0.542328	-1.8439	0.78552	1.06187	1.06187	7.07673	5.42872	0.681886	1
cg19319393	0.0223797	1.41628	1.41628	0.0661146	0.769372	-1.29976	0.629615	1.06375	1.06375	0.0393808	1.35408	1.35408	4.88906	1.25251	0.227721	1
cg04861645	0.875881	1.02424	1.02424	0.00218211	1.93231	1.93231	0.283883	0.843157	-1.18602	0.776962	0.957413	-1.04448	4.80163	1.78572	0.330577	1
cg04055049	0.00391496	1.73407	1.73407	0.124844	0.790154	-1.26558	0.402644	0.885664	-1.1291	0.344349	0.871029	-1.14807	4.2257	1.34496	0.282915	1
cg05133314	0.52695	1.20709	1.20709	0.00863271	0.374125	-2.6729	0.0049604	0.335468	-2.98091	0.374291	0.765093	-1.30703	4.17766	5.7037	1.21359	1
cg07480647	0.0580858	12.6761	12.6761	0.00419322	94.4198	94.4198	0.0473848	14.7267	14.7267	0.34529	3.16615	3.16615	4.051	90.1996	19.792	1
cg15892785	0.105913	19.6805	19.6805	0.00569763	547.964	547.964	0.0661075	32.8868	32.8868	0.392599	4.31844	4.31844	4.39486	188.712	33.3973	1
cg06348737	0.923651	0.965174	-1.03608	0.00300664	0.22214	-4.50166	0.949042	0.976643	-1.02392	0.151427	0.566432	-1.76544	3.93335	8.51849	1.92507	1
cg02700833	0.483779	0.843604	-1.18539	0.21842	1.36258	1.36258	0.0025303	0.367238	-2.72303	0.958542	1.0125	1.0125	3.84651	3.47954	0.804084	1
cg21932983	0.171032	1.15801	1.15801	0.00214273	0.647911	-1.54342	0.0415168	0.78932	-1.26691	0.450338	0.925504	-1.08049	3.58718	0.575554	0.14262	1
cg19802649	0.231399	2.11901	2.11901	0.0125515	6.40646	6.40646	0.00361846	10.5468	10.5468	0.104533	2.89059	2.89059	3.42527	19.4144	5.03821	1
cg00934611	5.41E-06	0.0576072	-17.3589	0.0409549	1.92359	1.92359	0.316521	0.750385	-1.33265	0.599883	0.863477	-1.15811	14.8859	18.1312	1.08268	1
cg11989674	0.0100857	0.651013	-1.53607	0.00461762	0.60756	-1.64593	0.080604	0.773993	-1.292	0.255447	0.854736	-1.16995	13.034	3.60819	0.24607	1
cg16302049	0.0916303	1.42021	1.42021	0.181459	0.764966	-1.30725	0.921941	0.981659	-1.01868	0.0240155	0.601423	-1.66272	7.50157	4.23811	0.502189	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02972026	GPR155;GPR155	0.008403	0.00853384	0.542141	-1.84454	0.0553607	0.672886	-1.48614	0.0218392	0.605326	-1.652	0.986324	1.00313	1.00313	0.000306946	0.343302	-2.91289	0.104021	0.723078	-1.38298	0.029186	0.625746	-1.59809	0.269002	0.810584	-1.23368	0.973868	0.994043	-1.00599	6.24662	3.29214	0.468469	1
cg26462055	GPR155;GPR155	0.0155162	0.00327133	0.148855	-6.71795	0.0659288	0.375185	-2.66535	0.0229689	0.274592	-3.64177	0.0142788	0.237923	-4.20303	0.00797294	0.198684	-5.03311	0.344763	0.629775	-1.58787	0.00596167	0.181172	-5.51961	0.208544	0.53262	-1.87751	0.0422444	0.328988	-3.03962	5.12297	18.3183	3.17842	1
cg08638928	GPR155;GPR155	0.0266024	0.562448	0.761689	-1.31287	0.0408174	2.99674	2.99674	0.0358639	3.11092	3.11092	0.0255005	0.291156	-3.43459	0.762891	0.868796	-1.15102	0.835239	1.10165	1.10165	0.00532664	0.181469	-5.51059	0.599769	0.781825	-1.27906	0.921286	1.04702	1.04702	4.26378	14.5914	3.04194	1
cg25586410	GPR155;GPR155	0.0312306	0.0147562	0.251974	-3.96866	0.0629801	0.382569	-2.61391	0.02728	0.301205	-3.31999	0.241006	0.569021	-1.7574	0.0404888	0.337256	-2.96511	0.978642	0.987778	-1.01237	0.00458357	0.176623	-5.66177	0.0201919	0.276142	-3.62133	0.190844	0.529258	-1.88944	4.02876	13.4645	2.97075	1
cg07341073	GPR155;GPR155	0.0399819	0.827976	1.05931	1.05931	0.0632523	0.575154	-1.73866	0.0322093	0.514693	-1.94291	0.0143346	2.22429	2.22429	0.52037	1.18829	1.18829	0.988017	1.00398	1.00398	0.0439093	1.84624	1.84624	0.283202	1.34344	1.34344	0.269764	0.737649	-1.35566	3.68375	4.09024	0.986976	1
cg19693403	GPR156;GPR156	0.00236554	0.399613	0.867344	-1.15295	0.535159	0.901536	-1.10922	0.17173	0.786525	-1.27141	0.459112	0.883014	-1.13248	3.13E-05	0.261819	-3.81943	0.0414486	0.678331	-1.47421	0.429048	1.14253	1.14253	0.673369	1.07248	1.07248	0.254724	1.21686	1.21686	9.18001	3.96063	0.383503	1
cg07667327	GPR156;GPR156	0.00320868	0.014942	0.718717	-1.39137	0.0704226	0.799978	-1.25003	0.0476875	0.778865	-1.28392	0.924674	0.989617	-1.01049	7.85E-05	0.454624	-2.19962	0.240496	0.87317	-1.14525	0.581215	1.06342	1.06342	0.397415	0.908799	-1.10035	0.00503228	0.663996	-1.50603	8.38868	1.61826	0.171476	1
cg19093820	GPR156;GPR156	0.00653751	0.107734	0.540824	-1.84903	0.603962	1.19844	1.19844	0.741356	0.891824	-1.1213	0.143036	1.73302	1.73302	0.0822862	0.508807	-1.96538	0.509734	0.79332	-1.26052	0.659843	1.16551	1.16551	0.000210162	10.3396	10.3396	0.166364	0.597564	-1.67346	7.77757	14.3914	1.43917	1
cg16533530	GPR156;GPR156	0.0234117	0.0577793	0.438282	-2.28163	0.00348322	0.217732	-4.5928	0.0360222	0.391504	-2.55425	0.926613	1.03606	1.03606	0.0106847	0.291148	-3.43468	0.0845044	0.480109	-2.08286	0.00925018	0.280793	-3.56134	0.100733	0.500943	-1.99624	0.423155	0.7301	-1.36968	4.45749	10.4381	2.08152	1
cg04812189	GPR156;GPR156;GPR156;GPR156	0.0170555	0.0207194	0.349533	-2.86096	0.735234	0.879758	-1.13668	0.123517	0.532775	-1.87696	0.712036	0.869415	-1.1502	0.00191021	0.190289	-5.25518	0.0596513	0.44834	-2.23045	0.140315	1.81986	1.81986	0.0831725	2.06261	2.06261	0.174185	0.579494	-1.72564	4.96407	11.1997	2.00547	1
cg10108591	GPR157	2.65E-06	0.133219	0.790324	-1.2653	0.00736311	0.605473	-1.6516	1.69E-05	0.277083	-3.60903	0.415959	1.12838	1.12838	2.85E-07	0.111234	-8.99003	1.23E-06	0.16249	-6.15421	0.0859142	0.759042	-1.31745	2.16E-05	0.289155	-3.45835	1.46E-05	0.270089	-3.70248	57.1709	19.1083	0.297094	1

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cg23260502	GPR25	0.00286351	0.0422317	0.711759	-1.40497	0.0812185	1.32431	1.32431
cg18758335	GPR25	0.0052935	0.372315	1.14725	1.14725	0.533222	0.909693	-1.09927
cg13300273	GPR25	0.0111167	0.0232583	23.1001	23.1001	0.0513222	13.0486	13.0486
cg15892784	GPR25	0.0187532	0.0373205	6.33557	6.33557	0.0220727	8.14207	8.14207
cg04983977	GPR25	0.0257154	0.627281	1.16778	1.16778	0.470582	1.26196	1.26196
cg21870884	GPR25	0.0306096	0.0272782	8.56084	8.56084	0.0269434	8.61539	8.61539
cg26047950	GPR26	5.21E-06	0.300149	1.20701	1.20701	0.182404	1.28143	1.28143
cg04549162	GPR26	5.48E-06	0.0700928	1.28431	1.28431	0.00139184	1.77249	1.77249
cg02721665	GPR26	5.69E-05	0.553305	0.891574	-1.12161	0.719704	0.933361	-1.0714
cg11893763	GPR26	5.93E-05	0.625884	1.09533	1.09533	0.843439	1.03732	1.03732
cg03574723	GPR26	7.47E-05	0.638777	1.14133	1.14133	0.700335	1.11419	1.11419
cg13557752	GPR26	0.0001732	0.572236	0.89218	-1.12085	0.301094	1.23886	1.23886
cg16783279	GPR26	0.000804414	0.758435	1.07281	1.07281	0.401913	1.21588	1.21588
cg09616721	GPR26	0.00407245	0.0213313	0.388441	-2.5744	0.300115	0.692806	-1.44341
cg14039479	GPR26	0.00650785	0.0527301	0.47156	-2.12062	0.0531845	0.472419	-2.11677
cg23545828	GPR26	0.00767649	0.098918	0.362066	-2.76193	0.0196862	0.205556	-4.86485
cg02757432	GPR26	0.0227982	0.374009	1.34978	1.34978	0.0569459	2.03013	2.03013
cg10172415	GPR27;EIF4E3;EIF4E3	0.000504684	0.512809	1.14307	1.14307	0.422733	1.17935	1.17935
cg04087740	GPR27;EIF4E3;EIF4E3	0.00903145	0.0811506	2.87864	2.87864	0.340056	1.71201	1.71201
cg13026730	GPR27;EIF4E3;EIF4E3	0.00988466	0.0977826	2.64751	2.64751	0.309035	1.75818	1.75818
cg20863339	GPR27;EIF4E3;EIF4E3	0.01433	0.0972222	1.93847	1.93847	0.982496	1.00801	1.00801
cg01512026	GPR3	0.000574219	0.116548	0.695365	-1.43809	5.40E-05	4.97241	4.97241
cg23230486	GPR3	0.00419118	0.0505106	0.535689	-1.86676	0.00775422	2.60568	2.60568
cg14963371	GPR3	0.0110759	0.928042	1.02149	1.02149	0.149117	1.43936	1.43936
cg01048751	GPR3	0.0179253	0.00647812	0.445155	-2.24641	0.0440264	1.69748	1.69748
cg23216724	GPR31	0.00131204	0.0211115	1.30111	1.30111	0.0281693	0.781901	-1.27893
cg25285053	GPR31	0.00316722	0.00853977	0.44633	-2.2405	0.188929	0.715634	-1.39736
cg12970081	GPR32	0.00540447	0.126314	0.744844	-1.34256	0.899438	0.977734	-1.02277
cg10173787	GPR35	5.76E-06	5.24E-05	0.283697	-3.52488	0.00131217	0.458622	-2.18044
cg13696171	GPR35	0.000784588	0.345664	0.752217	-1.3294	0.0899073	0.57809	-1.72984
cg14109579	GPR35	0.00192949	0.640791	0.89624	-1.11577	0.0367216	1.76075	1.76075
cg26834713	GPR35	0.00204065	0.12101	0.736151	-1.35842	0.508628	0.885004	-1.12994
cg13097816	GPR35	0.00734328	0.246261	0.555593	-1.79988	0.00106693	0.0959531	-10.4218
cg21151122	GPR35;GPR35	0.0131612	0.0343259	0.192436	-5.19654	0.0239049	0.165467	-6.04349
cg17684754	GPR37	0.000161194	0.000149845	0.216408	-4.62089	0.0553829	0.600236	-1.66601
cg27533119	GPR37	0.024589	0.129948	4.96763	4.96763	0.0182493	16.5739	16.5739
cg17152484	GPR37	0.0260211	0.0498543	1.71348	1.71348	0.00888046	0.44857	-2.22931
cg23799901	GPR37	0.0471122	0.309864	3.80299	3.80299	0.0358597	22.2785	22.2785
cg07376282	GPR37	0.0486059	0.0632477	5.15829	5.15829	0.205633	2.85368	2.85368
cg23428445	GPR37;GPR37	2.57E-05	4.06E-07	4.06955	4.06955	0.085637	0.831387	-1.20281
cg22230167	GPR37;GPR37	0.0310648	0.5317	0.832439	-1.20129	0.438909	0.795685	-1.25678
cg09458673	GPR37;GPR37	0.0324425	0.420521	1.30125	1.30125	0.947171	0.97902	-1.02143
cg02007217	GPR39	0.000812107	0.72021	0.931198	-1.07389	0.0179554	0.565565	-1.76814
cg12516767	GPR39	0.00196682	0.685123	1.06869	1.06869	0.00428772	0.536563	-1.86372
cg07785936	GPR39	0.0023985	0.00918188	1.47655	1.47655	0.0401187	0.756226	-1.32236
cg18223770	GPR39	0.00533056	0.359422	0.854715	-1.16998	0.000361181	0.385612	-2.59328
cg20752284	GPR39	0.00742048	0.647555	1.1029	1.1029	0.000506378	0.31466	-3.17803
cg13136510	GPR39	0.0157242	0.39584	0.914446	-1.09356	0.985416	1.00188	1.00188
cg09648243	GPR39	0.0199691	0.605668	0.900168	-1.1109	0.00070259	0.352299	-2.8385
cg23410738	GPR39	0.026004	0.0420523	0.717836	-1.39307	0.249085	1.18588	1.18588
cg12157646	GPR39	0.0349845	0.0469544	0.20098	-4.97561	0.0737802	0.245056	-4.08069
cg22866015	GPR39	0.0438105	0.0283009	0.25062	-3.99011	0.702793	0.814739	-1.22739
cg06543615	GPR39;LYPD1;LYPD1	0.0257508	0.0876862	0.345869	-2.89127	0.00251487	0.0941111	-10.6257
cg09119349	GPR4	1.37E-05	0.629716	0.926578	-1.07924	0.26769	1.19871	1.19871
cg18739142	GPR4	2.77E-05	0.000308875	0.44266	-2.25907	0.145138	1.24328	1.24328
cg11723280	GPR4	2.84E-05	0.127985	1.19761	1.19761	0.0188086	0.732047	-1.36603
cg21502927	GPR4	2.87E-05	0.30471	0.763907	-1.30906	0.0184081	0.484515	-2.06392
cg00812921	GPR4	0.000150694	0.0148374	1.50405	1.50405	0.223993	0.840327	-1.19001
cg27160284	GPR4	0.000190261	0.966953	0.984629	-1.01561	0.533922	0.790142	-1.2656
cg12979120	GPR4	0.0021852	0.572378	1.17147	1.17147	0.594575	1.1607	1.1607
cg02827075	GPR4	0.00237767	0.460141	1.2418	1.2418	0.176608	1.51236	1.51236
cg14185229	GPR4	0.00249872	0.22553	0.540503	-1.85013	0.00252377	0.131723	-7.59169
cg03241430	GPR4	0.00481703	0.356711	0.79978	-1.25034	0.0339195	0.557873	-1.79252
cg16158874	GPR4	0.0117343	0.387196	1.41608	1.41608	0.325204	0.671163	-1.48995
cg15488122	GPR4	0.0147395	0.317217	1.47739	1.47739	0.0573054	0.444103	-2.25173
cg21114177	GPR4	0.0321126	0.0505355	0.559865	-1.78614	0.0222656	0.490109	-2.04036
cg13109410	GPR44	0.000159589	0.157518	0.783635	-1.2761	0.00325321	0.523463	-1.91035
cg19192256	GPR44	0.00847677	0.672368	1.08577	1.08577	0.130733	0.729279	-1.37122
cg00519299	GPR44	0.0181047	0.0023866	0.149717	-6.67928	0.0590216	0.384308	-2.60208
cg12528056	GPR44	0.0206086	0.0629643	4.64089	4.64089	0.0113506	10.2352	10.2352
cg13077745	GPR44	0.026692	0.0105282	0.344378	-2.90378	0.233502	0.661194	-1.51242
cg04096519	GPR44	0.0282657	0.0248096	5.01893	5.01893	0.016194	5.90637	5.90637
cg04754011	GPR44	0.0380391	0.0128425	0.269945	-3.70445	0.0729901	0.428471	-2.33388
cg03238359	GPR44	0.0393368	0.0197826	0.118605	-8.43132	0.0477578	0.180007	-5.55534
cg19138538	GPR44;GPR44	0.0204079	0.0132848	0.271377	-3.68492	0.596924	0.797023	-1.25467
cg11852218	GPR45	0.000436357	0.0341685	0.664372	-1.50518	0.524403	0.898772	-1.11263
cg22253945	GPR45	0.00131117	0.819168	1.04992	1.04992	0.209027	1.32536	1.32536
cg01046703	GPR45	0.00503079	0.915881	1.01507	1.01507	0.00202364	0.539841	-1.8524
cg06061408	GPR45	0.0265537	0.0492885	0.754312	-1.32571	0.328541	0.880988	-1.13509
cg18338460	GPR45	0.0457798	0.0310296	0.321487	-3.11055	0.301874	1.61515	1.61515
cg03997393	GPR45;GPR45	0.0411907	0.89356	1.0361	1.0361	0.780014	1.077	1.077
cg15040731	GPR50	0.0021616	0.187433	1.48115	1.48115	0.199643	0.683182	-1.46374
cg03165260	GPR50	0.00872119	0.0310747	0.159619	-6.26491	0.423719	0.552995	-1.80833
cg05259868	GPR50	0.0152519	0.0700218	0.291685	-3.42836	0.982487	0.986738	-1.01344
cg07828612	GPR52;RABGAP1L	0.0223098	0.0230981	3.81532	3.81532	0.00275123	7.6637	7.6637
cg05768419	GPR52;RABGAP1L	0.0248944	0.264597	0.475886	-2.10134	0.00863542	8.486	8.486
cg23393356	GPR55	7.15E-05	0.872881	1.02488	1.02488	0.362797	1.15435	1.15435
cg16797735	GPR56;GPR56	0.00699121	0.056326	0.633737	-1.57794	0.366512	0.822172	-1.21629
cg00550797	GPR56;GPR56	0.0111847	0.919632	0.987214	-1.01295	0.354044	0.885526	-1.12927
cg10103630	GPR56;GPR56	0.036968	0.321527	0.913551	-1.09463	0.754476	0.972683	-1.02808
cg16630572	GPR56;GPR56;GPR56;GPR56	0.000417678	0.0220562	0.830014	-1.2048	0.00263184	0.753885	-1.32646
cg03032770	GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56	0.00304121	0.157808	1.34271	1.34271	0.311014	0.815031	-1.22695
cg26734350	GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56	0.0465578	0.106914	2.40599	2.40599	0.0271296	3.68673	3.68673
cg09421111	GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56	0.00398721	0.516343	1.21502	1.21502	0.00504937	0.333722	-2.9965
cg26512283	GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56	0.00908245	0.00185641	0.414789	-2.41086	0.329517	1.22199	1.22199
cg26955845	GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56	0.0362261	0.0595304	0.480984	-2.07907	0.077668	0.50921	-1.96383
cg09730500	GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56	0.0213581	0.0138117	0.535915	-1.86597	0.73044	1.07347	1.07347
cg19771648	GPR6	0.0064999	0.46063	0.864094	-1.15728	0.00750464	1.95266	1.95266
cg11671688	GPR6	0.0196371	0.806341	0.872416	-1.14624	0.00585874	0.134737	-7.42189
cg11021431	GPR6	0.0499071	0.792101	0.862285	-1.15971	0.389576	1.63974	1.63974
cg19924468	GPR61	2.47E-07	1.72E-05	0.732944	-1.36436	1.18E-06	1.55829	1.55829
cg10114625	GPR61	0.00220697	0.438179	0.821366	-1.21748	0.208427	1.39098	1.39098
cg14600484	GPR61	0.00582786	0.835836	0.916217	-1.09144	0.272896	0.618037	-1.61803
cg17130110	GPR61	0.0364737	0.0916547	0.764856	-1.30744	0.0375776	0.705949	-1.41653
cg19238325	GPR62	0.000287906	8.41E-05	0.193649	-5.16398	0.00179308	0.356592	-2.80432
cg08072716	GPR62	0.0125006	0.0310053	3.56396	3.56396	0.00618581	6.00097	6.00097
cg01864372	GPR63;GPR63	2.52E-05	0.00153043	1.29411	1.29411	0.168984	1.08637	1.08637
cg14366428	GPR63;GPR63	0.000347244	0.0372105	0.671608	-1.48896	0.0329306	1.50772	1.50772
cg15499402	GPR63;GPR63	0.001195	0.412435	0.797416	-1.25405	0.190915	0.6879	-1.4537
cg26174752	GPR63;GPR63	0.0152231	0.705246	0.919671	-1.08735	0.00639808	0.457588	-2.18537
cg15018391	GPR63;GPR63	0.0257772	0.316483	0.825934	-1.21075	0.120008	0.732371	-1.36543
cg12591207	GPR64;GPR64;GPR64;GPR64	0.000516984	0.0041225	0.36273	-2.75687	7.17E-05	0.148539	-6.73225
cg08744017	GPR64;GPR64;GPR64;GPR64	0.00370457	0.935008	1.02837	1.02837	0.853565	1.06542	1.06542
cg09049140	GPR64;GPR64;GPR64;GPR64	0.00757128	0.868373	0.946557	-1.05646	0.00371508	0.273093	-3.66176
cg16641638	GPR64;GPR64;GPR64;GPR64	0.0173796	0.0944369	0.340231	-2.93918	0.27833	1.93688	1.93688
cg01818727	GPR64;GPR64;GPR64;GPR64	0.0320766	0.0752129	0.305243	-3.27607	0.502212	1.5037	1.5037
cg04301343	GPR64;GPR64;GPR64;GPR64;GPR64;GPR64;GPR64;GPR64	0.00201623	0.268766	0.843441	-1.18562	0.000257647	2.43323	2.43323
cg18185987	GPR65	0.000948394	0.00063228	0.192293	-5.20039	0.142424	0.609538	-1.64059
cg19755435	GPR65	0.00140044	0.374218	1.10309	1.10309	0.164803	1.17282	1.17282
cg15625636	GPR65	0.00676213	0.43871	0.804478	-1.24304	0.000575434	0.230453	-4.33928
cg05903992	GPR68	0.000122496	0.124882	0.777387	-1.28636	0.282206	0.844176	-1.18459
cg23721031	GPR68	0.00171121	0.270547	0.70793	-1.41257	0.245237	0.69353	-1.4419
cg12815987	GPR68	0.00610929	0.045825	0.736055	-1.35859	0.991557	1.00142	1.00142
cg13262513	GPR68	0.0161098	0.0768995	0.832774	-1.20081	0.0486654	0.811012	-1.23303
cg21700166	GPR68	0.0318637	0.509614	0.86568	-1.15516	0.355199	0.814582	-1.22762
cg03588357	GPR68;GPR68	0.0192547	0.515201	1.12184	1.12184	0.319993	0.836076	-1.19606
cg00613752	GPR6;GPR6	0.000875764	0.728945	1.03597	1.03597	0.00956497	1.39558	1.39558
cg03240726	GPR6;GPR6	0.0292913	0.345099	1.60136	1.60136	0.0449764	3.0467	3.0467
cg11939825	GPR75;LOC100302652	1.37E-07	7.02E-06	2.25369	2.25369	0.0055728	0.742602	-1.34662
cg10124812	GPR75;LOC100302652	0.000129297	0.00242081	3.91062	3.91062	0.0471156	0.480183	-2.08254
cg19592277	GPR75;LOC100302652	0.000432681	0.000526258	4.58096	4.58096	0.39107	1.28092	1.28092
cg01400468	GPR75;LOC100302652	0.00669776	0.181609	2.06739	2.06739	0.542119	1.37172	1.37172
cg00933224	GPR75;LOC100302652	0.0429185	0.0155679	2.58407	2.58407	0.335706	1.37396	1.37396
cg14832904	GPR75;LOC100302652;GPR75	0.00103733	0.0566051	1.62783	1.62783	0.549078	0.872074	-1.14669

Probeset ID	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23260502	0.020373	0.666148	-1.50117	0.122333	1.27547	1.27547	0.00704995	0.602847	-1.6588
cg18758335	0.0192756	0.654073	-1.52888	0.404259	0.879859	-1.13655	0.00146121	0.501961	-1.99219
cg13300273	0.217374	4.49245	4.49245	0.0912673	8.61167	8.61167	0.0224235	23.7232	23.7232
cg15892784	0.0664179	4.81904	4.81904	0.0856419	4.26863	4.26863	0.0226198	8.04677	8.04677
cg04983977	0.914161	0.966399	-1.03477	0.321643	1.38342	1.38342	0.109482	1.73871	1.73871
cg21870884	0.229208	2.82117	2.82117	0.0607118	5.68625	5.68625	0.193607	3.09771	3.09771
cg26047950	0.185424	1.27899	1.27899	0.0456643	0.669301	-1.4941	0.468466	1.13798	1.13798
cg04549162	0.501486	0.919158	-1.08795	0.106115	1.24367	1.24367	0.0260784	1.38577	1.38577
cg02721665	0.0036708	2.12066	2.12066	0.630629	1.09715	1.09715	0.831113	0.95995	-1.04172
cg11893763	0.534988	1.12348	1.12348	0.322451	0.827449	-1.20853	0.716489	1.06992	1.06992
cg03574723	0.148123	1.54306	1.54306	0.74708	0.913501	-1.09469	0.6932	0.89506	-1.11724
cg13557752	0.00307039	0.444706	-2.24868	0.332347	0.818795	-1.22131	0.000445069	0.330246	-3.02804
cg16783279	0.00419473	2.39614	2.39614	0.646711	1.11088	1.11088	0.0306465	1.78357	1.78357
cg09616721	0.0175494	0.372387	-2.68538	0.0206248	0.38563	-2.59316	0.0259192	0.405041	-2.46889
cg14039479	0.00469512	0.277276	-3.60652	0.093869	0.533193	-1.87549	0.0471565	0.460525	-2.17143
cg23545828	0.0822403	0.339232	-2.94784	0.208041	0.474555	-2.10724	0.0216173	0.212489	-4.70613
cg02757432	0.694437	1.13857	1.13857	0.43	1.30316	1.30316	0.918037	0.966732	-1.03441
cg10172415	0.00109556	0.37905	-2.63818	0.0643762	0.657946	-1.51988	0.00723606	0.49751	-2.01001
cg04087740	0.705384	1.23084	1.23084	0.356066	1.68049	1.68049	0.0286334	0.243692	-4.10355
cg13026730	0.452503	0.663503	-1.50715	0.18832	2.11098	2.11098	0.0591736	0.319214	-3.13269
cg20863339	0.851187	0.933982	-1.07068	0.962187	0.982907	-1.01739	0.0714281	0.480876	-2.07954
cg01512026	0.00141128	2.67698	2.67698	0.0478735	1.6192	1.6192	0.573135	0.885771	-1.12896
cg23230486	0.22933	1.42373	1.42373	0.21272	0.692419	-1.44421	0.000850391	0.245583	-4.07194
cg14963371	0.74467	0.925955	-1.07997	0.0695848	1.6125	1.6125	0.463909	1.19184	1.19184
cg01048751	0.260482	0.76462	-1.30784	0.502539	0.855899	-1.16836	0.0137298	0.498216	-2.00716
cg23216724	0.00906905	0.729974	-1.36991	0.630409	1.04709	1.04709	0.011409	0.740423	-1.35058
cg25285053	0.0116265	0.468489	-2.13452	0.10897	0.656908	-1.52228	0.000192262	0.220983	-4.52523
cg12970081	0.00915838	0.554613	-1.80306	0.00525471	0.519147	-1.92624	0.000426752	0.370316	-2.7004
cg10173787	6.36E-06	0.186583	-5.35953	0.169103	0.783348	-1.27657	3.74E-07	0.0878026	-11.3892
cg13696171	0.0157861	0.420181	-2.37993	0.936295	0.976837	-1.02371	3.15E-05	0.0927032	-10.7871
cg14109579	0.013383	0.489617	-2.04241	0.568351	0.874226	-1.14387	5.70E-05	0.175192	-5.70804
cg26834713	5.02E-05	0.250211	-3.99663	0.40227	1.16903	1.16903	0.0120566	0.565321	-1.76891
cg13097816	0.0033629	0.144628	-6.91429	0.0674936	0.37049	-2.69913	0.00372451	0.149729	-6.67872
cg21151122	0.0624886	0.246721	-4.05315	0.413942	0.572638	-1.7463	0.087394	0.283738	-3.52437
cg17684754	0.000130712	0.209915	-4.76384	0.00253282	0.373413	-2.678	4.79E-05	0.165443	-6.04437
cg27533119	0.0637476	7.70825	7.70825	0.200963	3.75661	3.75661	0.181651	0.249225	-4.01244
cg17152484	0.0822199	0.629057	-1.58968	0.525072	0.856371	-1.16772	0.0155218	0.489371	-2.04344
cg23799901	0.148533	7.16914	7.16914	0.128043	8.09585	8.09585	0.423837	0.354047	-2.82448
cg07376282	0.656569	1.42115	1.42115	0.252463	2.55687	2.55687	0.06834	0.201343	-4.96665
cg23428445	0.112506	0.845413	-1.18285	0.00695891	0.712226	-1.40405	0.980353	1.0024	1.0024
cg22230167	0.253371	0.707981	-1.41247	0.365802	0.76415	-1.30864	0.876805	0.956083	-1.04593
cg09458673	0.0970755	1.79085	1.79085	0.603247	1.18267	1.18267	0.924603	1.03075	1.03075
cg02007217	0.0332419	0.610633	-1.63764	0.300554	1.2369	1.2369	3.81E-05	0.208852	-4.78807
cg12516767	0.0232853	1.55566	1.55566	0.0035211	1.90579	1.90579	0.675096	1.07112	1.07112
cg07785936	0.378825	0.899095	-1.11223	0.507618	1.08241	1.08241	0.0593247	1.28504	1.28504
cg18223770	0.691575	0.935727	-1.06869	0.256957	0.821099	-1.21788	0.859521	1.02995	1.02995
cg20752284	0.00710292	0.477107	-2.09597	0.146154	1.39369	1.39369	0.504801	1.15489	1.15489
cg13136510	0.994751	0.999324	-1.00068	0.0504044	0.795031	-1.25781	0.673425	1.04456	1.04456
cg09648243	0.0697579	0.66394	-1.50616	0.463819	0.860207	-1.16251	0.516379	0.87557	-1.14211
cg23410738	0.106022	1.28381	1.28381	0.369123	0.877625	-1.13944	0.590478	1.07991	1.07991
cg12157646	0.0325584	0.171156	-5.84261	0.054552	0.21463	-4.65918	0.020757	0.14026	-7.12963
cg22866015	0.86516	0.913168	-1.09509	0.16988	2.18449	2.18449	0.73711	1.19729	1.19729
cg06543615	0.0301245	0.237796	-4.20528	0.367333	0.593587	-1.68467	0.0133304	0.177854	-5.62259
cg09119349	0.00105986	0.467711	-2.13807	0.242141	1.21187	1.21187	0.993597	0.998741	-1.00126
cg18739142	0.000589151	0.477636	-2.09364	0.217221	0.834694	-1.19804	0.118062	0.789625	-1.26642
cg11723280	4.15E-05	0.424904	-2.35347	0.717239	0.960928	-1.04066	1.88E-06	0.27339	-3.65778
cg21502927	8.22E-05	0.165668	-6.03619	0.0766868	0.607214	-1.64687	3.77E-06	0.0648209	-15.4271
cg00812921	0.000803038	1.99159	1.99159	0.590249	0.928644	-1.07684	0.00035954	0.45865	-2.18031
cg27160284	0.00615201	0.262813	-3.80499	0.760029	0.891773	-1.12136	7.11E-05	0.0666845	-14.996
cg12979120	0.466195	0.814066	-1.2284	0.802675	1.07193	1.07193	0.432744	1.24869	1.24869
cg02827075	0.000262596	0.177739	-5.62623	0.761866	1.09147	1.09147	0.0365866	2.01281	2.01281
cg14185229	0.0318243	0.296359	-3.37429	0.0173609	0.246501	-4.05679	0.000521747	0.0731857	-13.6639
cg03241430	0.357294	1.24999	1.24999	0.846742	1.04666	1.04666	0.466096	1.19103	1.19103
cg16158874	0.0300344	0.367256	-2.72289	0.327956	1.48637	1.48637	0.00804943	0.26383	-3.79032
cg15488122	0.0362451	2.50707	2.50707	0.00513344	0.24774	-4.03649	0.0304201	0.382769	-2.61254
cg21114177	0.775049	0.928132	-1.07743	0.0692016	0.589083	-1.69755	0.00296133	0.345833	-2.89157
cg13109410	3.46E-06	0.171777	-5.82151	0.00547567	0.554753	-1.8026	9.59E-05	0.326342	-3.06427
cg19192256	0.000599171	0.359019	-2.78537	0.795432	1.05155	1.05155	0.357499	1.20089	1.20089
cg00519299	0.123101	0.472716	-2.11543	0.420882	0.691541	-1.44604	0.0064971	0.2046	-4.88758
cg12528056	0.0653177	4.56378	4.56378	0.200774	2.69529	2.69529	0.0644243	4.59258	4.59258
cg13077745	0.0062922	0.307667	-3.25027	0.087936	0.535938	-1.86589	0.165855	0.612973	-1.63139
cg04096519	0.270923	1.99792	1.99792	0.0990308	2.98024	2.98024	0.0166577	5.84258	5.84258
cg04754011	0.307539	0.639123	-1.56464	0.0101495	0.253042	-3.95192	0.0177021	0.294477	-3.39586
cg03238359	0.102999	0.258921	-3.86218	0.0641816	0.206875	-4.83384	0.00709799	0.0717197	-13.9432
cg19138538	0.0126972	0.268036	-3.73084	0.0176017	0.292934	-3.41373	0.018678	0.297661	-3.35953
cg11852218	0.000860266	0.436955	-2.28857	0.807126	1.0413	1.0413	9.78E-06	0.207347	-4.82283
cg22253945	0.0231609	0.561297	-1.78159	0.985077	1.00399	1.00399	0.000163334	0.254624	-3.92736
cg01046703	0.060377	0.740897	-1.34972	0.180455	0.817597	-1.2231	0.0267737	0.689669	-1.44997
cg06061408	0.203533	0.844818	-1.18369	0.622005	0.93947	-1.06443	0.424384	0.902571	-1.10795
cg18338460	0.845158	1.0916	1.0916	0.0747655	0.410803	-2.43425	0.00479041	0.186723	-5.35552
cg03997393	0.0055331	0.380645	-2.62712	0.727241	1.09721	1.09721	0.107538	0.627924	-1.59255
cg15040731	0.110264	0.613006	-1.63131	0.438216	1.24898	1.24898	0.271232	0.724659	-1.37996
cg03165260	0.112623	0.28587	-3.49809	0.327982	0.480906	-2.07941	0.00372968	0.0584316	-17.114
cg05259868	0.62248	1.35234	1.35234	0.0963806	3.03552	3.03552	0.285197	1.96436	1.96436
cg07828612	0.0568872	2.89267	2.89267	0.0456696	3.09383	3.09383	0.170089	2.05493	2.05493
cg05768419	0.0281051	5.24018	5.24018	0.250027	2.15481	2.15481	0.0154383	0.14988	-6.67201
cg23393356	0.0033569	0.542039	-1.84489	1.83E-05	0.261628	-3.82222	0.00115305	2.08119	2.08119
cg16797735	0.0339727	0.593078	-1.68612	0.538321	0.876778	-1.14054	0.0585972	0.637031	-1.56978
cg00550797	0.75052	0.960144	-1.04151	0.357686	1.12818	1.12818	0.93321	0.98937	-1.01074
cg10103630	0.218933	1.12092	1.12092	0.215466	1.12199	1.12199	0.220763	1.12036	1.12036
cg16630572	0.0344699	0.845902	-1.18217	0.958555	1.00353	1.00353	0.044446	1.16956	1.16956
cg03032770	0.032209	1.63145	1.63145	0.0296585	1.64792	1.64792	0.000272624	0.312242	-3.20265
cg26734350	0.0337838	3.44331	3.44331	0.0421423	3.21508	3.21508	0.529602	1.37391	1.37391
cg09421111	0.0111836	2.56255	2.56255	0.00441928	3.07863	3.07863	0.0387627	2.03057	2.03057
cg26512283	0.774287	1.05895	1.05895	0.180568	1.32745	1.32745	0.00255896	0.434554	-2.30121
cg26955845	0.764864	0.901916	-1.10875	0.0996808	0.537413	-1.86077	0.272923	0.675228	-1.48098
cg09730500	0.115734	1.41973	1.41973	0.0395073	0.613772	-1.62927	0.60198	0.897749	-1.1139
cg19771648	0.00267649	2.24179	2.24179	0.0285732	1.65259	1.65259	0.506246	0.877086	-1.14014
cg11671688	0.518756	1.43838	1.43838	0.35724	1.69241	1.69241	0.0120419	0.175493	-5.69823
cg11021431	0.888297	0.924199	-1.08202	0.0492347	3.52194	3.52194	0.15278	2.36059	2.36059
cg19924468	1.36E-06	0.647073	-1.54542	0.086476	1.06905	1.06905	0.10731	1.06394	1.06394
cg10114625	0.00250616	0.35177	-2.84276	0.0618302	0.592528	-1.68768	0.648836	1.12085	1.12085
cg14600484	0.315621	0.645621	-1.5489	0.170562	1.85043	1.85043	0.00106304	0.129969	-7.69412
cg17130110	0.00848122	0.61569	-1.62419	0.0501951	0.724513	-1.38024	0.0397639	0.70954	-1.40936
cg19238325	0.00228572	0.371617	-2.69095	0.398906	0.818363	-1.22195	0.000760664	0.305986	-3.26812
cg08072716	0.0274641	3.7021	3.7021	0.0384375	3.33249	3.33249	0.0159379	4.39862	4.39862
cg01864372	0.000794428	1.33171	1.33171	0.688214	0.977455	-1.02307	0.132021	1.09625	1.09625
cg14366428	0.219798	0.808665	-1.23661	0.106247	1.33689	1.33689	4.74E-05	0.283126	-3.53199
cg15499402	0.0842946	0.596958	-1.67516	0.91315	1.02991	1.02991	0.0130516	0.43522	-2.29769
cg26174752	0.967531	0.991071	-1.00901	0.187394	1.36056	1.36056	0.0239282	0.552258	-1.81075
cg15018391	0.002286	0.454947	-2.19806	0.00791147	0.533122	-1.87574	0.0333534	0.631784	-1.58282
cg12591207	0.00618768	0.390212	-2.56271	0.939575	0.980215	-1.02018	0.000224362	0.19824	-5.0444
cg08744017	0.9827	0.992591	-1.00746	0.109377	0.549521	-1.81977	0.000234421	0.123428	-8.10189
cg09049140	0.0539275	0.484529	-2.06386	0.0093751	0.33591	-2.97699	0.00114928	0.205492	-4.86638
cg16641638	0.617271	0.744188	-1.34375	0.0277937	4.59545	4.59545	0.047357	0.26434	-3.783
cg01818727	0.348003	0.560585	-1.78385	0.161566	0.408433	-2.44838	0.0163548	0.172378	-5.80119
cg04301343	0.0406013	1.41837	1.41837	0.357723	1.15006	1.15006	0.0243794	0.67263	-1.4867
cg18185987	0.0155854	0.394105	-2.53739	0.0152973	0.392634	-2.5469	0.000158215	0.131546	-7.60193
cg19755435	0.0166208	0.73007	-1.36973	0.0257997	0.7522	-1.32943	0.822301	0.976093	-1.02449
cg15625636	0.0501873	0.540635	-1.84968	0.0012508	0.272982	-3.66324	0.431675	0.801671	-1.24739
cg05903992	0.137774	1.27413	1.27413	0.843967	0.970571	-1.03032	0.572154	0.917111	-1.09038
cg23721031	0.000705473	0.211307	-4.73245	0.0994287	0.58056	-1.72247	0.000216045	0.155855	-6.4162
cg12815987	0.19572	1.20102	1.20102	0.849892	0.974956	-1.02569	0.0351888	0.720058	-1.38878
cg13262513	0.156256	0.868416	-1.15152	0.484038	0.935984	-1.06839	0.405809	0.923935	-1.08233
cg21700166	0.0167205	1.8773	1.8773	0.081634	0.659596	-1.51608	0.610355	0.895106	-1.11719
cg03588357	0.0878149	1.38854	1.38854	0.832513	1.03759	1.03759	0.190094	0.785233	-1.27351
cg00613752	0.09147	1.20778	1.20778	0.954556	1.00581	1.00581	0.730337	0.965463	-1.03577
cg03240726	0.233724	0.546345	-1.83035	0.289713	1.7025	1.7025	0.191758	0.51215	-1.95255
cg11939825	0.0261999	1.24058	1.24058	7.25E-07	2.98949	2.98949	9.83E-07	2.86509	2.86509
cg10124812	0.135805	1.6804	1.6804	0.00179888	4.19439	4.19439	0.00301651	3.71689	3.71689
cg19592277	0.157504	1.53086	1.53086	0.104647	1.6482	1.6482	0.00415135	2.9521	2.9521
cg01400468	0.237859	1.8838	1.8838	0.104515	2.48146	2.48146	0.0170036	4.43972	4.43972
cg00933224	0.447121	1.28143	1.28143	0.0191213	2.47821	2.47821	0.0289232	2.28024	2.28024
cg14832904	0.179904	1.3793	1.3793	0.382816	1.22394	1.22394	0.0151659	1.96121	1.96121

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23260502	0.0236084	0.675196	-1.48105	0.000385262	0.439062	-2.27758	0.271578	0.846783	-1.18094	0.00893282	0.616733	-1.62145	8.67716	2.90181	0.297261	1
cg18758335	0.373967	1.14668	1.14668	0.00490022	1.74922	1.74922	0.728202	1.05372	1.05372	0.00873791	0.605916	-1.65039	7.2117	2.56909	0.316657	1
cg13300273	0.0247005	22.1113	22.1113	0.00119813	243.419	243.419	0.00403897	87.3783	87.3783	0.0148163	32.1617	32.1617	5.71306	121.262	18.867	1
cg15892784	0.03005	7.02381	7.02381	0.00401652	19.1586	19.1586	0.00844815	13.0514	13.0514	0.0158621	9.55424	9.55424	4.80825	44.4391	8.21533	1
cg04983977	0.035752	2.16958	2.16958	0.000813578	4.95461	4.95461	0.051114	2.02211	2.02211	0.0380773	2.14279	2.14279	4.31462	6.86605	1.41453	1
cg21870884	0.0855444	4.76928	4.76928	0.0149909	11.6838	11.6838	0.00518216	20.7651	20.7651	0.015456	11.4978	11.4978	4.05771	43.4203	9.51174	1
cg26047950	0.00231825	0.474468	-2.10762	0.573107	0.905044	-1.10492	5.66E-08	25.994	25.994	0.160586	0.769014	-1.30037	48.0196	23.3526	0.432279	1
cg04549162	0.254846	1.15824	1.15824	0.610325	1.06557	1.06557	4.10E-08	10.9501	10.9501	0.514991	0.92166	-1.085	47.4051	11.4631	0.214944	1
cg02721665	0.738892	1.06611	1.06611	0.818984	1.04485	1.04485	4.99E-07	14.7443	14.7443	0.110279	1.39526	1.39526	25.7235	14.9214	0.515616	1
cg11893763	0.567447	0.898428	-1.11306	0.0430497	0.649587	-1.53944	5.42E-07	13.1707	13.1707	0.181622	1.30053	1.30053	25.4465	13.8406	0.483473	1
cg03574723	0.890809	0.962324	-1.03915	0.151086	1.53753	1.53753	5.53E-07	48.4093	48.4093	0.940657	0.979399	-1.02103	23.934	29.6331	1.10055	1
cg13557752	0.194743	1.31548	1.31548	0.783739	0.946488	-1.05654	3.83E-06	0.115979	-8.62222	0.074855	0.672584	-1.4868	19.1009	12.0897	0.562614	1
cg16783279	0.784154	1.06456	1.06456	0.000788795	0.314765	-3.17698	6.57E-05	5.30617	5.30617	0.730555	1.08195	1.08195	12.5127	10.2882	0.730865	1
cg09616721	0.398267	1.34393	1.34393	0.239766	0.656569	-1.52307	0.000103146	0.0955346	-10.4674	0.483673	0.784047	-1.27543	7.8101	14.4498	1.64457	1
cg14039479	0.217865	0.642428	-1.5566	0.00121198	0.198438	-5.03937	0.000627227	0.166149	-6.0187	0.146108	0.58706	-1.7034	6.76684	12.4889	1.64053	1
cg23545828	0.0327678	0.245965	-4.06562	0.000383522	0.041462	-24.1185	0.00414513	0.115528	-8.6559	0.0255877	0.225517	-4.43425	6.42697	32.096	4.43907	1
cg02757432	0.637654	0.855616	-1.16875	0.082243	0.531101	-1.88288	0.00084518	5.20446	5.20446	0.122652	1.73296	1.73296	4.49849	7.69748	1.521	1
cg10172415	0.0138104	0.541687	-1.84608	0.0200825	1.75951	1.75951	8.79E-05	4.12018	4.12018	0.263891	1.26443	1.26443	14.2536	9.16183	0.571354	1
cg04087740	0.0545828	3.295	3.295	0.022175	0.223238	-4.47953	0.00166709	11.693	11.693	0.145011	0.424916	-2.3534	6.10561	28.9146	4.20955	1
cg13026730	0.0537296	3.23501	3.23501	0.0228815	0.232414	-4.30267	0.00194388	10.479	10.479	0.115475	0.399644	-2.50223	5.93258	26.9931	4.04443	1
cg20863339	0.0598247	2.16469	2.16469	0.0322097	0.401631	-2.48985	0.00146824	5.31172	5.31172	0.302159	0.677921	-1.4751	5.25942	11.0159	1.86179	1
cg01512026	0.419229	1.19225	1.19225	0.0015831	0.380493	-2.62817	0.562748	0.88279	-1.13277	0.936812	0.983249	-1.01704	13.7512	9.88564	0.639017	1
cg23230486	0.077156	1.73389	1.73389	0.0178671	0.446528	-2.2395	0.180252	1.48963	1.48963	0.455426	0.808225	-1.23728	7.74262	9.6185	1.10425	1
cg14963371	0.804937	1.05998	1.05998	0.000549999	0.28277	-3.53645	0.498739	0.850727	-1.17547	0.02534	1.86978	1.86978	5.71983	5.02032	0.780181	1
cg01048751	0.17402	1.39193	1.39193	0.0686034	1.59379	1.59379	0.135589	0.692253	-1.44456	0.707951	1.08986	1.08986	4.88195	4.04281	0.736102	1
cg23216724	0.182941	1.14354	1.14354	0.000601136	1.65258	1.65258	0.0036738	1.45174	1.45174	0.151308	0.86421	-1.15713	10.8903	1.55377	0.126822	1
cg25285053	0.113264	0.660792	-1.51334	0.00124265	0.321644	-3.10903	0.195095	0.719323	-1.3902	0.00613726	0.423339	-2.36217	8.42124	7.70761	0.813563	1
cg12970081	0.492208	1.13228	1.13228	0.0962205	1.3845	1.3845	0.886186	1.02584	1.02584	0.93608	0.985816	-1.01439	7.16598	3.60024	0.446584	1
cg10173787	3.66E-05	0.265963	-3.75991	1.46E-05	0.222623	-4.49189	0.000259158	0.367244	-2.72299	0.00113289	0.450105	-2.2217	46.8048	20.5924	0.391079	1
cg13696171	0.984049	1.00588	1.00588	0.000861581	0.230669	-4.33521	0.582796	0.849899	-1.17661	0.000870518	0.231221	-4.32486	12.6009	17.1526	1.20997	1
cg14109579	0.562952	0.872547	-1.14607	0.38104	0.811026	-1.23301	0.622216	0.890675	-1.12274	0.00563371	0.428681	-2.33274	9.74318	8.386	0.76507	1
cg26834713	0.024602	0.614035	-1.62857	0.218363	1.26602	1.26602	0.919639	0.981783	-1.01856	0.0224884	0.607752	-1.64541	9.58552	5.03895	0.467275	1
cg13097816	0.186681	0.507401	-1.97083	0.0034343	0.145666	-6.86501	0.131166	0.45387	-2.20328	0.201427	0.52002	-1.923	6.51695	24.2475	3.30727	1
cg21151122	0.433615	0.586628	-1.70466	0.00128326	0.0435709	-22.9511	0.00306983	0.0668083	-14.9682	0.0213325	0.15774	-6.33954	5.40832	38.1674	6.27305	1
cg17684754	0.179951	0.715529	-1.39757	0.000133533	0.210923	-4.74107	0.910177	0.973822	-1.02688	0.000809806	0.304966	-3.27905	19.4752	17.0414	0.777806	1
cg27533119	0.271407	3.07092	3.07092	0.0152765	18.518	18.518	0.00525116	36.8671	36.8671	0.0322944	11.6638	11.6638	4.3824	66.6488	13.5185	1
cg17152484	0.161123	0.697449	-1.4338	0.732515	0.920724	-1.0861	0.116063	1.50861	1.50861	0.506142	1.17634	1.17634	4.29685	3.94438	0.815973	1
cg23799901	0.0794593	11.8769	11.8769	0.0128705	50.7005	50.7005	0.0152354	44.1834	44.1834	0.0329214	23.8383	23.8383	3.4653	88.6802	22.7475	1
cg07376282	0.0754885	4.73044	4.73044	0.0301586	7.40557	7.40557	0.0223648	8.57958	8.57958	0.0517577	5.6885	5.6885	3.42468	33.4529	8.68282	1
cg23428445	0.330078	0.906931	-1.10262	0.0355915	0.788386	-1.26841	0.66571	0.958631	-1.04315	0.0140305	1.34286	1.34286	31.7171	4.74556	0.132997	1
cg22230167	0.256173	1.40935	1.40935	0.0245007	2.17215	2.17215	0.00549008	2.87758	2.87758	0.0198681	2.25676	2.25676	4.03642	5.35767	1.17985	1
cg09458673	0.286564	1.4249	1.4249	0.0420951	2.11564	2.11564	0.00113413	4.62856	4.62856	0.0225025	2.39765	2.39765	3.97428	6.44438	1.44135	1
cg02007217	0.817365	1.04691	1.04691	0.000958682	0.377214	-2.65101	0.0430126	1.58645	1.58645	0.661186	0.916303	-1.09134	12.4792	7.76342	0.552985	1
cg12516767	0.00147621	0.473453	-2.11214	0.176629	0.79129	-1.26376	0.0196333	0.631645	-1.58317	0.0467588	1.44923	1.44923	9.689	4.07569	0.373912	1
cg07785936	0.00244604	1.64324	1.64324	0.0029102	1.61933	1.61933	0.88134	1.01775	1.01775	0.00352391	0.627441	-1.59378	9.14279	2.00963	0.195382	1
cg18223770	0.740128	1.05702	1.05702	0.00201944	2.06593	2.06593	0.806238	0.959885	-1.04179	0.204404	0.80002	-1.24997	7.1963	3.16338	0.390742	1
cg20752284	0.772534	0.940192	-1.06361	0.103325	1.46098	1.46098	0.697485	1.08667	1.08667	0.0932384	0.675103	-1.48126	6.49565	4.65781	0.637391	1
cg13136510	0.00389413	1.4915	1.4915	0.00572868	0.688966	-1.45145	0.430681	1.08625	1.08625	0.0719196	1.22954	1.22954	5.10038	0.854582	0.148936	1
cg09648243	0.0162656	0.552426	-1.8102	0.0146383	0.544965	-1.83498	0.55038	0.885128	-1.12978	0.206035	0.763848	-1.30916	4.70704	3.04044	0.574164	1
cg23410738	0.0563502	1.3577	1.3577	0.00365464	0.57332	-1.74423	0.467997	1.11016	1.11016	0.3732	1.13811	1.13811	4.29784	1.36322	0.281944	1
cg12157646	0.250504	0.428597	-2.3332	0.00248499	0.0514748	-19.427	0.163817	0.350506	-2.85302	0.0867255	0.263181	-3.79967	3.86775	30.4962	7.00865	1
cg22866015	0.00283548	8.99477	8.99477	0.702359	0.814481	-1.22778	0.222741	1.98332	1.98332	0.623385	1.30281	1.30281	3.561	16.1097	4.02127	1
cg06543615	0.182513	0.450763	-2.21846	0.00854625	0.15111	-6.61769	0.120263	0.387046	-2.58367	0.518688	0.691773	-1.44556	4.31255	21.6667	4.46588	1
cg09119349	0.110473	1.31393	1.31393	2.16E-07	0.0854948	-11.6966	0.0640871	1.38629	1.38629	0.00066627	0.441471	-2.26516	37.349	14.5753	0.346886	1
cg18739142	1.07E-06	0.169854	-5.8874	0.00407847	1.71	1.71	0.014039	1.52512	1.52512	0.0674345	0.751868	-1.33002	31.1007	9.5413	0.2727	1
cg11723280	0.0835717	1.23353	1.23353	0.000867342	1.72929	1.72929	0.461538	1.08561	1.08561	0.171834	1.1728	1.1728	30.9073	5.87869	0.16907	1
cg21502927	0.0363129	0.539749	-1.85271	2.08E-06	0.0519085	-19.2647	0.00530965	0.394235	-2.53656	0.0774534	0.608171	-1.64427	30.812	31.3279	0.903771	1
cg00812921	0.0469459	0.733665	-1.36302	2.47E-05	0.319021	-3.13459	0.0216308	1.45582	1.45582	0.377337	1.13129	1.13129	19.8322	5.82503	0.261081	1
cg27160284	0.00123853	0.17116	-5.84249	9.43E-06	0.0280703	-35.6248	0.00416783	0.237967	-4.20226	0.0468744	0.427137	-2.34117	18.6214	41.228	1.96801	1
cg12979120	0.842905	0.946443	-1.05659	3.37E-05	0.10755	-9.29803	0.277931	1.36752	1.36752	0.0618016	1.79233	1.79233	9.39582	11.4521	1.08342	1
cg02827075	0.745944	1.09814	1.09814	0.000787891	4.31133	4.31133	0.346821	1.32178	1.32178	0.778543	1.08458	1.08458	9.16624	12.0395	1.16752	1
cg14185229	0.0044579	0.159833	-6.25654	0.432542	1.47281	1.47281	0.000838274	0.0881281	-11.3471	0.141554	0.465747	-2.14709	9.03341	33.4301	3.28953	1
cg03241430	0.474132	1.18717	1.18717	0.0232846	1.89474	1.89474	0.000165838	0.220391	-4.53739	0.546989	0.86619	-1.15448	7.4225	6.53025	0.782037	1
cg16158874	0.153893	1.82065	1.82065	0.00262753	0.195035	-5.12728	0.0238824	0.347141	-2.88067	0.588247	1.23929	1.23929	5.61409	13.698	2.16883	1
cg15488122	0.178551	0.583042	-1.71514	0.0224732	0.356316	-2.8065	0.299823	0.666588	-1.50018	0.226729	1.61459	1.61459	5.21078	11.7587	2.00588	1
cg21114177	0.068523	0.588142	-1.70027	0.0114124	0.438606	-2.27995	0.281006	0.747018	-1.33866	0.301761	0.75693	-1.32113	3.98886	4.28037	0.953851	1
cg13109410	0.190551	0.799636	-1.25057	0.0448681	0.689777	-1.44974	0.015165	0.618026	-1.61806	0.0397103	0.681388	-1.46759	19.5278	8.04775	0.366326	1
cg19192256	0.052242	1.53282	1.53282	0.212462	1.28923	1.28923	0.61708	1.10243	1.10243	0.0121325	0.546157	-1.83098	6.2294	3.69223	0.526854	1
cg00519299	0.0225645	0.293728	-3.40451	0.0738903	0.409196	-2.44382	0.0255926	0.304335	-3.28585	0.0153216	0.263115	-3.80062	4.86563	15.504	2.83239	1
cg12528056	0.15049	3.09821	3.09821	0.00397268	17.147	17.147	0.00481709	15.5545	15.5545	0.0197456	7.89223	7.89223	4.65682	39.7099	7.57978	1
cg13077745	0.0252801	0.414382	-2.41323	0.38563	0.744844	-1.34256	0.0314031	0.43342	-2.30723	0.00684508	0.313472	-3.19008	4.25876	7.39893	1.54431	1
cg04096519	0.0974058	2.99908	2.99908	0.00551522	9.04926	9.04926	0.0361292	4.35566	4.35566	0.0222749	5.22845	5.22845	4.17387	24.1019	5.13286	1
cg04754011	0.170838	0.538992	-1.85531	0.440392	0.716437	-1.3958	0.0209177	0.30796	-3.24717	0.0307507	0.341173	-2.93106	3.75173	10.6726	2.52864	1
cg03238359	0.0893619	0.241955	-4.13301	0.037887	0.161424	-6.19487	0.0283906	0.140863	-7.09912	0.0404451	0.166468	-6.00717	3.70586	33.6829	8.07919	1
cg19138538	0.0191355	0.299606	-3.33772	0.234411	0.588685	-1.6987	0.0128867	0.269126	-3.71573	0.01437	0.277255	-3.60679	4.67237	13.3725	2.54404	1
cg11852218	0.985859	1.00294	1.00294	0.0786892	1.38137	1.38137	0.37758	0.860893	-1.16158	0.0400935	0.675395	-1.48061	14.8395	6.43275	0.385322	1
cg22253945	0.0323767	0.586895	-1.70388	0.0431633	1.64027	1.64027	0.270773	1.27622	1.27622	0.00066893	0.330438	-3.02628	10.8923	7.80602	0.637024	1
cg01046703	0.115654	1.274	1.274	0.032459	1.42549	1.42549	0.0123261	0.643217	-1.55469	0.00487267	0.5895	-1.69635	7.32485	2.326	0.282266	1
cg06061408	0.0672332	1.29395	1.29395	0.00215029	1.71852	1.71852	0.551427	0.927081	-1.07865	0.454864	1.10037	1.10037	4.26651	1.06679	0.222256	1
cg18338460	0.83125	0.90878	-1.10038	0.086254	0.427604	-2.33861	0.0722977	0.406965	-2.45721	0.155901	0.50637	-1.97484	3.50289	11.1461	2.82842	1
cg03997393	0.0681991	0.582146	-1.71778	0.035192	1.91549	1.91549	0.951734	0.984091	-1.01617	0.114968	0.635018	-1.57476	3.64348	4.05044	0.988172	1
cg15040731	0.0252624	2.11277	2.11277	8.67E-05	7.24286	7.24286	0.010328	2.48056	2.48056	0.0402967	1.94664	1.94664	9.42571	11.8016	1.11295	1
cg03165260	0.0866149	0.253517	-3.9445	0.000694758	0.0234681	-42.6111	0.00985803	0.0939735	-10.6413	0.0104854	0.0967565	-10.3352	6.17365	51.4005	7.4007	1
cg05259868	0.0330268	0.219539	-4.555	0.727739	0.808497	-1.23686	0.00104079	19.1641	19.1641	0.230043	2.15103	2.15103	5.15223	30.1876	5.20813	1
cg07828612	0.0203952	3.96569	3.96569	0.0519791	2.97369	2.97369	0.00847556	5.24103	5.24103	0.106203	2.38606	2.38606	4.53213	17.4394	3.42039	1
cg05768419	0.167648	2.55806	2.55806	0.340917	1.87154	1.87154	0.177479	2.49755	2.49755	0.463269	0.620765	-1.61092	4.36365	28.1877	5.74192	1
cg23393356	0.0637883	1.37683	1.37683	1.95E-05	0.264574	-3.77966	0.336567	0.858939	-1.16423	0.659935	0.934305	-1.07031	24.2166	9.03292	0.33156	1
cg16797735	0.225753	0.764528	-1.308	0.410023	1.19462	1.19462	0.000116813	0.240619	-4.15594	0.368057	0.822718	-1.21548	6.61771	4.66897	0.627134	1
cg00550797	0.920029	1.01289	1.01289	0.000190889	2.22899	2.22899	0.932675	1.01083	1.01083	0.11542	0.803949	-1.24386	5.70183	1.46806	0.228864	1
cg10103630	0.337136	1.09129	1.09129	0.000981555	1.54135	1.54135	0.434259	0.931986	-1.07298	0.798029	0.977616	-1.0229	3.79106	0.467966	0.109724	1
cg16630572	0.474463	0.95184	-1.0506	1.92E-05	1.80218	1.80218	0.34217	0.935745	-1.06867	0.283064	1.07862	1.07862	15.0199	1.09538	0.0648253	1
cg03032770	0.804599	1.04956	1.04956	0.992212	0.998097	-1.00191	0.00610539	2.01053	2.01053	0.46162	0.863954	-1.15747	8.52354	5.1398	0.536011	1
cg26734350	0.225943	0.53032	-1.88565	0.697369	0.822891	-1.21523	0.494385	1.41361	1.41361	0.0104776	4.98815	4.98815	3.48078	13.7169	3.5029	1
cg09421111	0.103528	0.590394	-1.69378	0.0206534	0.438281	-2.28164	0.0926987	0.578346	-1.72907	0.322315	1.35337	1.35337	7.86007	10.905	1.23324	1
cg26512283	0.872115	1.03261	1.03261	0.834434	0.95916	-1.04258	0.031005	0.603824	-1.65611	0.0300884	0.601575	-1.6623	6.0947	3.83104	0.558743	1
cg26955845	0.0822557	0.51554	-1.93971	0.00185477	0.218619	-4.57416	0.63542	1.17865	1.17865	0.0320927	0.421436	-2.37284	3.81914	7.16439	1.66748	1
cg09730500	0.0502958	0.63293	-1.57995	0.00611431	0.48024	-2.08229	0.454436	0.855399	-1.16905	0.0178797	0.554325	-1.80399	4.60037	3.06136	0.59152	1
cg19771648	0.0571351	1.51972	1.51972	0.0241209	1.68705	1.68705	0.00378712	2.13745	2.13745	0.00717625	1.964	1.964	6.76941	4.05438	0.532379	1
cg11671688	0.00344721	0.110006	-9.09044	0.0737612	0.330337	-3.02721	0.425449	0.636178	-1.57189	0.307517	0.555993	-1.79859	4.7339	23.1526	4.34738	1
cg11021431	0.336931	0.573896	-1.74247	0.623608	1.31973	1.31973	0.00167271	12.4394	12.4394	0.90977	1.06565	1.06565	3.39053	16.8938	4.42902	1
cg19924468	4.18E-08	0.505985	-1.97634	0.00368375	1.14845	1.14845	0.103736	0.939194	-1.06474	0.000774081	1.19651	1.19651	104.698	2.06154	0.0175025	1
cg10114625	0.00166279	0.326439	-3.06336	0.000211543	0.214159	-4.66943	0.723983	0.915548	-1.09224	0.0164554	0.482199	-2.07383	9.36862	9.1883	0.871781	1
cg14600484	0.000514387	0.101671	-9.83568	0.709105	1.1712	1.1712	0.167546	0.537754	-1.85959	0.0416608	0.371466	-2.69203	7.00174	19.7196	2.50345	1
cg17130110	0.0676132	0.744138	-1.34384	0.115993	1.27964	1.27964	0.16213	0.806187	-1.24041	0.61974	0.930343	-1.07487	3.80969	1.25702	0.293293	1
cg19238325	0.000559411	0.288777	-3.46288	0.00332798	0.395493	-2.52849	0.735042	1.08203	1.08203	0.000120576	0.210259	-4.75604	16.6364	14.1937	0.758378	1
cg08072716	0.119789	2.33285	2.33285	0.0018719	9.15043	9.15043	0.0200905	4.08584	4.08584	0.0172063	4.29229	4.29229	5.49996	21.941	3.54604	1
cg01864372	0.0415276	1.1421	1.1421	1.84E-06	0.511309	-1.95576	0.00153313	0.772792	-1.29401	0.000689168	0.74609	-1.34032	31.8979	1.61439	0.0449878	1
cg14366428	0.0337269	1.50403	1.50403	0.155934	0.778913	-1.28384	0.000427293	2.50389	2.50389	0.0410828	0.678445	-1.47396	15.8035	6.78059	0.381382	1
cg15499402	0.577695	0.859041	-1.16409	1.14E-05	0.0808004	-12.3762	0.633962	0.878459	-1.13836	0.345062	0.768961	-1.30046	11.1851	12.9277	1.02737	1
cg26174752	0.941068	1.01643	1.01643	0.0126442	0.505045	-1.98002	0.0156656	1.92094	1.92094	0.64815	1.10655	1.10655	5.15545	3.96492	0.683621	1
cg15018391	0.0461478	0.65578	-1.5249	0.692366	0.929197	-1.0762	0.0483129	0.659236	-1.51691	0.0585924	0.673984	-1.48371	4.31101	2.32831	0.480076	1
cg12591207	0.129724	1.53951	1.53951	0.0481888	1.81335	1.81335	0.672119	0.893853	-1.11875	0.334317	0.769154	-1.30013	14.1586	15.58	0.978123	1
cg08744017	0.091889	1.88972	1.88972	0.768769	1.1064	1.1064	0.435433	1.31379	1.31379	0.00138749	0.204014	-4.90164	8.03582	14.9707	1.656	1
cg09049140	0.566719	1.21138	1.21138	0.240549	1.50213	1.50213	0.313626	1.41214	1.41214	0.720963	0.888017	-1.1261	6.45485	11.2101	1.54374	1
cg16641638	0.375566	0.586657	-1.70457	0.00488385	8.91593	8.91593	0.0254823	4.74433	4.74433	0.878808	0.914404	-1.09361	4.93288	26.8689	4.84169	1
cg01818727	0.852578	0.894555	-1.11787	0.0017361	0.0688695	-14.5202	0.101152	0.341207	-2.93077	0.0890176	0.325154	-3.07547	3.99046	22.6759	5.05114	1
cg04301343	0.00396404	0.56398	-1.77311	0.833898	0.969435	-1.03153	0.338319	0.86424	-1.15709	0.0330564	0.691828	-1.44545	9.61922	3.32907	0.307632	1
cg18185987	0.006768	0.332194	-3.01029	0.000243264	0.148865	-6.7175	0.405458	0.765498	-1.30634	0.00574363	0.320882	-3.11641	11.9445	18.6474	1.38771	1
cg19755435	0.161178	1.17465	1.17465	0.000130267	2.04369	2.04369	0.0376806	1.29606	1.29606	0.00848618	0.696685	-1.43537	10.6886	1.95883	0.162901	1
cg15625636	0.220863	1.42548	1.42548	0.40672	1.26338	1.26338	0.277319	0.73256	-1.36508	0.299623	0.743716	-1.3446	6.68673	8.03518	1.06814	1
cg05903992	0.30404	1.17511	1.17511	1.06E-06	0.144737	-6.90906	0.323068	0.856656	-1.16733	0.139018	0.785541	-1.27301	20.9689	7.63084	0.323478	1
cg23721031	0.000631485	0.205675	-4.86203	0.0816961	0.559383	-1.78768	0.864454	0.949857	-1.05279	0.00494365	0.326026	-3.06724	10.0886	14.4852	1.27627	1
cg12815987	0.000208332	2.2953	2.2953	0.610443	1.0712	1.0712	0.633776	0.937769	-1.06636	0.310703	1.15075	1.15075	6.90058	1.95854	0.252286	1
cg13262513	0.00072923	0.620169	-1.61246	0.060022	1.21818	1.21818	0.0718912	0.829523	-1.20551	0.362817	0.916675	-1.0909	5.05947	0.693379	0.121818	1
cg21700166	0.0568091	1.59177	1.59177	0.434031	0.841872	-1.18783	0.711008	1.08355	1.08355	0.0071618	2.11431	2.11431	3.99998	2.94551	0.65456	1
cg03588357	0.00335237	2.00455	2.00455	0.730407	1.06212	1.06212	0.88881	0.975923	-1.02467	0.00260613	2.06798	2.06798	4.76554	2.29096	0.42732	1
cg00613752	0.282354	1.12017	1.12017	6.33E-05	0.473406	-2.11235	0.00442649	1.47082	1.47082	0.0162923	0.742013	-1.34769	12.2165	1.99647	0.145266	1
cg03240726	0.408846	1.50535	1.50535	0.00337603	0.145101	-6.89176	0.785919	1.14091	1.14091	0.0638473	0.364703	-2.74196	4.12163	15.3045	3.30064	1
cg11939825	0.00306222	1.39303	1.39303	0.00141654	0.685541	-1.4587	3.24E-05	0.516535	-1.93598	1.44E-08	6.09563	6.09563	121.543	12.8608	0.0940558	1
cg10124812	0.502575	0.802759	-1.2457	0.00290858	0.266804	-3.74807	0.00383849	0.284155	-3.5192	2.42E-05	15.1276	15.1276	20.6667	34.1247	1.46773	1
cg19592277	0.746139	0.91255	-1.09583	0.0581141	0.54697	-1.82825	0.0240023	0.468354	-2.13514	3.12E-05	9.85991	9.85991	14.8743	18.6975	1.11737	1
cg01400468	0.333244	0.599771	-1.6673	0.342383	0.605898	-1.65044	0.184226	0.486053	-2.05739	0.000219104	23.4649	23.4649	6.70665	27.8648	3.69315	1
cg00933224	0.0372171	2.1684	2.1684	0.0259802	2.32977	2.32977	0.0191885	2.47645	2.47645	0.0992248	1.78315	1.78315	3.58838	5.82076	1.44188	1
cg14832904	0.642956	0.899961	-1.11116	0.266765	0.770092	-1.29855	0.028272	0.557242	-1.79455	2.47E-05	6.64428	6.64428	11.6448	9.40209	0.717695	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01876338	GPR75;LOC100302652;GPR75 GPR75;LOC100302652;LOC100302652;	0.00140406	0.182759	1.38389	1.38389	0.947012	0.984843	-1.01539	0.0895038	1.53759	1.53759	0.201503	1.36337	1.36337	0.0440918	1.70158	1.70158	0.845276	1.04592	1.04592	0.108552	0.668814	-1.49518	0.0513952	0.600684	-1.66477	2.84E-05	6.62574	6.62574	10.6806	8.93274	0.743421	1
cg19961545	GPR75	0.00110129	0.0917757	1.49098	1.49098	0.890826	0.970883	-1.02999	0.191846	0.742837	-1.34619	0.147338	1.39731	1.39731	0.0461814	1.6348	1.6348	0.45363	0.848529	-1.17851	0.512585	0.866846	-1.15361	0.0457544	0.610936	-1.63683	2.24E-05	6.23084	6.23084	11.4484	8.39429	0.651756	1
cg07982208	GPR77	0.000207872	0.00259947	0.458147	-2.18271	0.26739	0.805605	-1.2413	0.00422279	0.488378	-2.04759	0.00275847	0.461804	-2.16542	0.000147263	0.294841	-3.39166	0.00123274	0.413159	-2.42038	1.44E-05	0.184679	-5.41479	0.000765985	0.385384	-2.59482	0.00262108	0.458656	-2.18028	18.1798	10.0779	0.492753	1
cg24217159	GPR77	0.0039241	0.368049	0.560291	-1.78479	0.0674176	0.276934	-3.61097	0.00415543	0.0900803	-11.1012	0.0848134	0.302961	-3.30075	0.000887973	0.0441657	-22.642	0.309958	0.517744	-1.93146	0.000417882	0.0300243	-33.3064	0.0108681	0.134841	-7.41615	0.021002	0.17559	-5.69509	7.89794	49.1041	5.52651	1
cg15361750	GPR77	0.00527399	0.00994994	0.33547	-2.98089	0.109564	0.556932	-1.79555	0.0172117	0.37764	-2.64802	0.0695246	0.506052	-1.97608	0.0176364	0.379608	-2.6343	0.385889	0.742126	-1.34748	0.000135154	0.108881	-9.18437	0.0318725	0.430072	-2.32519	0.0868729	0.530253	-1.88589	7.21986	12.8714	1.58469	1
cg19005640	GPR78	1.10E-06	0.216712	1.17078	1.17078	4.97E-05	0.397061	-2.51851	1.18E-05	0.324832	-3.07851	0.158416	0.83286	-1.20068	0.00624406	0.648995	-1.54084	0.249625	0.864201	-1.15714	1.65E-08	0.071564	-13.9735	3.56E-05	0.380053	-2.63121	0.00145727	0.572525	-1.74665	71.5078	16.664	0.207144	1
cg15407057	GPR78	2.17E-05	0.001295	2.8697	2.8697	7.03E-06	0.106923	-9.35251	0.194581	0.73445	-1.36156	0.0382888	1.71599	1.71599	6.67E-05	0.193283	-5.17375	0.260765	1.30188	1.30188	0.000158219	0.233841	-4.2764	0.000313495	3.72135	3.72135	0.209317	0.742575	-1.34666	33.1713	26.5771	0.712184	1
cg17394306	GPR78	3.41E-05	0.362737	0.756408	-1.32204	1.94E-05	0.0751908	-13.2995	0.000118363	0.133926	-7.4668	0.359924	0.755099	-1.32433	0.00152364	0.25612	-3.90441	0.387653	0.76778	-1.30246	2.49E-06	0.0332775	-30.0503	0.00974314	0.37695	-2.65287	9.07E-05	0.123896	-8.07132	29.4475	41.5382	1.25385	1
cg02847185	GPR78	0.000379872	0.984859	1.00613	1.00613	0.0120119	0.364606	-2.74269	0.00109412	0.212031	-4.71628	0.00242398	0.25672	-3.89529	1.49E-05	0.0553164	-18.0778	0.677171	0.873867	-1.14434	0.413079	0.763783	-1.30927	0.00214417	0.24947	-4.00849	0.00163098	0.233778	-4.27756	15.418	25.3229	1.45994	1
cg15657936	GPR78	0.000982483	0.00207738	2.30022	2.30022	0.00315089	2.17164	2.17164	0.369906	0.837813	-1.19358	0.00763442	1.93313	1.93313	0.197029	0.769432	-1.29966	0.000269772	3.15245	3.15245	0.160979	0.749956	-1.33341	0.029553	1.63623	1.63623	0.0278306	0.606771	-1.64807	11.8256	6.91713	0.519935	1
cg12973315	GPR78	0.00146865	0.18713	0.61406	-1.62851	0.00592573	0.284962	-3.50924	0.010628	0.32613	-3.06627	0.014877	0.351768	-2.84278	0.000500939	0.1498	-6.67557	0.0216672	0.382303	-2.61573	9.42E-05	0.0882547	-11.3308	0.00569986	0.282364	-3.54153	0.185252	0.612628	-1.63231	10.5435	20.314	1.71261	1
cg02546848	GPR78	0.00439976	0.00875795	0.270134	-3.70187	0.0020854	0.183064	-5.46258	0.00561169	0.240443	-4.15899	0.865249	1.06884	1.06884	0.00224784	0.187026	-5.34684	0.0433304	0.40215	-2.48663	0.00421109	0.222626	-4.49183	0.00457805	0.227707	-4.39161	0.114688	0.510459	-1.95902	7.62966	18.5657	2.16299	1
cg18432471	GPR78	0.00710779	0.0197696	0.208122	-4.80488	0.00488837	0.124918	-8.00523	0.311412	0.557654	-1.79323	0.04113	0.268734	-3.72115	0.00197667	0.0873793	-11.4444	0.0185914	0.203656	-4.91023	0.000989807	0.0652648	-15.3222	0.044871	0.276961	-3.61062	0.127354	0.398752	-2.50782	6.58366	32.4265	4.37804	1
cg21911019	GPR78	0.00821375	0.498011	1.27775	1.27775	0.017239	2.81162	2.81162	0.18627	1.64746	1.64746	0.15559	1.71834	1.71834	0.00527191	0.269658	-3.7084	0.346583	1.41246	1.41246	0.00223089	0.217444	-4.59889	0.199131	0.616689	-1.62156	0.533775	0.798888	-1.25174	6.29168	12.6489	1.78703	1
cg00162344	GPR78	0.0217558	0.0653327	0.388867	-2.57157	0.00428223	0.174741	-5.72275	0.00740128	0.206951	-4.83206	0.807362	0.894465	-1.11799	0.0262765	0.300204	-3.33107	0.523412	0.744353	-1.34345	0.0263411	0.300414	-3.32873	0.0112071	0.234362	-4.26689	0.200461	0.539353	-1.85407	4.57141	15.0907	2.93431	1
cg01226029	GPR78	0.0244605	0.0924628	0.476446	-2.09887	0.0116376	0.282906	-3.53474	0.515357	0.767892	-1.30227	0.221693	0.597931	-1.67243	0.0050196	0.226227	-4.42034	0.497492	0.758978	-1.31756	0.00366161	0.207338	-4.82304	0.027167	0.351014	-2.84889	0.143968	0.533372	-1.87486	4.39038	11.147	2.25685	1
cg11970349	GPR78	0.0282505	0.464694	1.13793	1.13793	0.0588336	1.44853	1.44853	0.150501	1.30681	1.30681	0.872005	0.972391	-1.02839	0.150539	0.765242	-1.30678	0.784059	0.953422	-1.04885	0.013644	0.588742	-1.69854	0.00876108	1.78561	1.78561	0.15139	1.30595	1.30595	4.17466	1.99349	0.424464	1
cg15823495	GPR81	0.000134012	5.39E-06	0.100629	-9.93752	0.0103715	0.486784	-2.0543	0.226999	0.753632	-1.32691	0.698131	1.0908	1.0908	0.000755656	0.320144	-3.1236	0.302394	1.26903	1.26903	0.00821033	2.12575	2.12575	0.908663	0.974732	-1.02592	0.00162209	0.36518	-2.73837	20.4687	16.1215	0.700103	1
cg26643476	GPR81	0.000177875	7.40E-05	0.0797267	-12.5428	0.68644	0.867177	-1.15317	0.00180019	0.210328	-4.75448	0.0290666	0.405204	-2.46789	0.000370478	0.135213	-7.39571	0.74812	0.893027	-1.11979	0.0910383	0.520134	-1.92258	1.08E-05	0.0370601	-26.9832	0.0108956	0.325498	-3.07222	18.9638	37.036	1.73599	1
cg17346246	GPR81	0.000222726	5.41E-05	0.036953	-27.0614	0.00846588	0.229181	-4.36336	0.000636888	0.100364	-9.96378	0.00325086	0.172237	-5.80596	6.31E-05	0.0396408	-25.2266	0.0478326	0.37097	-2.69564	0.0391254	0.351222	-2.8472	0.000154391	0.0583323	-17.1432	0.0015205	0.135196	-7.39669	17.8422	54.2798	2.70419	1
cg13702536	GPR81	0.007366	0.00524537	0.105123	-9.51264	0.325227	0.537142	-1.86171	0.0356447	0.224013	-4.46402	0.0515718	0.25778	-3.87928	0.0021092	0.0710002	-14.0845	0.305275	0.522324	-1.91452	0.00291948	0.0819359	-12.2047	0.00207024	0.0704111	-14.2023	0.083072	0.309132	-3.23487	6.51065	38.5953	5.26935	1
cg19328828	GPR81	0.0204716	0.0428979	0.280382	-3.56657	0.0177874	0.207522	-4.81876	0.169194	0.449651	-2.22395	0.140883	0.421347	-2.37334	0.0323143	0.254673	-3.92661	0.139116	0.41948	-2.3839	0.00147391	0.0817332	-12.2349	0.00884005	0.162217	-6.1646	0.101737	0.376206	-2.65812	4.66741	22.0135	4.19238	1
cg20566840	GPR81	0.021095	0.0115602	0.232903	-4.29365	0.00789281	0.207536	-4.81844	0.017234	0.262125	-3.81497	0.222649	0.553585	-1.80641	0.0249947	0.292105	-3.42343	0.061684	0.378656	-2.64092	0.0159837	0.256389	-3.90033	0.00849022	0.212205	-4.71243	0.191514	0.528317	-1.8928	4.6199	15.579	2.99747	1
cg05290737	GPR81	0.0221272	0.0163753	0.238517	-4.19257	0.0264072	0.276386	-3.61813	0.0718444	0.374682	-2.66893	0.0946976	0.407715	-2.45269	0.0105522	0.207732	-4.81389	0.0501415	0.335903	-2.97705	0.00750811	0.186221	-5.36997	0.00699775	0.182006	-5.49434	0.105237	0.421197	-2.37419	4.54494	17.1759	3.35922	1
cg22972858	GPR81	0.0290154	0.0476352	0.229277	-4.36153	0.0120225	0.130448	-7.66587	0.0442175	0.222488	-4.49462	0.141634	0.357872	-2.7943	0.0133449	0.136283	-7.33769	0.077602	0.279318	-3.58015	0.00719044	0.104767	-9.54498	0.0193312	0.158919	-6.2925	0.0909597	0.297989	-3.35583	4.13545	27.6902	5.95182	1
cg09745246	GPR81;GPR81	1.44E-06	2.33E-08	0.09302	-10.7504	0.000364208	0.521011	-1.91934	0.000449467	0.531757	-1.88056	0.716741	0.959268	-1.04246	1.48E-05	0.358316	-2.79083	0.310005	1.12738	1.12738	0.818471	1.02658	1.02658	0.750538	0.964251	-1.03707	4.71E-05	0.416543	-2.40071	66.8596	13.7928	0.183374	1
cg00357958	GPR81;GPR81	0.0121511	0.00485613	0.1111	-9.00087	0.0446768	0.257644	-3.88132	0.0125813	0.161087	-6.20782	0.0950143	0.339793	-2.94297	0.0273378	0.215204	-4.64675	0.0856369	0.32699	-3.0582	0.00125737	0.0626014	-15.9741	0.0150122	0.172207	-5.80695	0.131649	0.383836	-2.60528	5.5509	30.4343	4.87357	1
cg22534509	GPR81;GPR81	0.0222941	0.0113996	0.11224	-8.90948	0.0188856	0.140319	-7.12663	0.0263208	0.162109	-6.16869	0.153268	0.347806	-2.87517	0.015802	0.129757	-7.70674	0.0908045	0.27619	-3.62069	0.00751752	0.0929445	-10.7591	0.011348	0.112012	-8.92762	0.076867	0.25698	-3.89135	4.53323	34.2427	6.71441	1
cg19851909	GPR83	0.00585474	0.981046	1.00313	1.00313	0.609906	1.07011	1.07011	0.00607203	1.60292	1.60292	0.94858	1.00853	1.00853	0.208817	1.19062	1.19062	0.983755	0.997322	-1.00268	0.000701363	0.506372	-1.97483	0.246223	0.852404	-1.17315	0.0102452	1.53141	1.53141	6.99182	1.92034	0.244139	1
cg10508468	GPR83	0.02042	0.0823241	0.338209	-2.95675	0.388582	1.645	1.645	0.772431	0.849304	-1.17743	0.833289	1.12606	1.12606	0.0048432	0.121886	-8.20438	0.539488	0.704741	-1.41896	0.00306658	0.101896	-9.81395	0.14534	0.414449	-2.41284	0.0162028	0.190784	-5.24153	4.67143	23.475	4.46687	1
cg21351852	GPR84	0.00197055	0.000920664	0.0657548	-15.208	0.00680524	0.145483	-6.87363	0.0077809	0.152794	-6.54476	0.145602	0.423579	-2.36084	0.000657773	0.056736	-17.6255	0.0708358	0.329665	-3.03338	0.000952274	0.0667189	-14.9883	0.00228784	0.0959092	-10.4265	0.0146531	0.191639	-5.21814	9.68366	46.3537	4.25493	1
cg10668189	GPR84	0.0175396	0.0124262	0.13036	-7.67106	0.0324939	0.194142	-5.15088	0.208517	0.419668	-2.38283	0.0458041	0.223274	-4.4788	0.00507296	0.0883734	-11.3156	0.0528721	0.23669	-4.22493	0.0366492	0.203906	-4.90421	0.0028504	0.0679365	-14.7196	0.0546975	0.23998	-4.16701	4.91774	33.4036	6.03775	1
cg01324474	GPR84	0.0265184	0.0289723	0.453876	-2.20324	0.0992635	0.574401	-1.74095	0.00751358	0.347985	-2.87369	0.124853	0.600645	-1.66488	0.124169	0.599999	-1.66667	0.205332	0.663666	-1.50678	0.0054836	0.326133	-3.06623	0.00708977	0.343884	-2.90796	0.0767923	0.546704	-1.82914	4.2685	6.36415	1.32529	1
cg01988891	GPR84	0.0451686	0.76871	0.875245	-1.14254	0.838084	0.911685	-1.09687	0.0663551	0.394351	-2.53581	0.638989	0.807742	-1.23802	0.0129715	0.248237	-4.02841	0.129198	0.476702	-2.09775	0.0052479	0.189441	-5.2787	0.333329	0.637031	-1.56978	0.0166122	0.266656	-3.75015	3.52059	11.3859	2.87474	1
cg09506675	GPR85;GPR85;GPR85	0.00093779	0.00511314	0.263924	-3.78897	0.494998	1.2834	1.2834	0.0213437	0.369311	-2.70775	0.793735	1.09895	1.09895	0.0465329	0.440041	-2.27252	0.439496	0.752839	-1.32831	2.53E-05	0.0493114	-20.2793	0.00210234	0.210625	-4.74778	0.0320831	0.404887	-2.46983	11.9826	24.6072	1.82541	1
cg21852992	GPR85;GPR85;GPR85;GPR85	0.0182569	0.00873625	0.757119	-1.3208	0.771668	0.976057	-1.02453	0.391957	1.07578	1.07578	0.276435	0.910024	-1.09887	0.800056	1.02136	1.02136	0.00448209	1.3711	1.3711	0.358789	0.92442	-1.08176	0.0146246	0.778496	-1.28453	0.570187	0.953334	-1.04895	4.85193	0.533023	0.0976513	1
cg10129816	GPR85;GPR85;GPR85;GPR85	0.034167	0.0258791	0.804331	-1.24327	0.19836	0.894136	-1.1184	0.178535	1.12486	1.12486	0.0316585	0.812717	-1.23044	0.474581	0.941897	-1.06169	0.0658441	0.843749	-1.18519	0.61838	0.959503	-1.04221	0.316561	0.918299	-1.08897	0.0161218	1.27424	1.27424	3.90094	0.418634	0.0953923	1
cg01491795	GPR85;GPR85;GPR85;GPR85	0.0426143	0.0372213	1.19077	1.19077	0.170224	0.899915	-1.11122	0.30845	1.07908	1.07908	0.377988	1.06748	1.06748	0.116356	0.884095	-1.1311	0.446588	1.05761	1.05761	0.0570703	0.856046	-1.16816	0.059288	0.857511	-1.16617	0.0540011	1.17106	1.17106	3.59788	0.297003	0.0733773	1
cg13251269	GPR85;GPR85;GPR85;GPR85;GPR85 GPR85;GPR85;GPR85;GPR85;GPR85;GP	0.000181336	0.00473881	0.636907	-1.57009	0.000216195	0.47599	-2.10089	0.0243503	1.38086	1.38086	0.000684408	0.535903	-1.86601	2.85E-05	0.37196	-2.68846	0.58582	1.06841	1.06841	0.00548812	0.644618	-1.55131	0.0174511	0.706098	-1.41623	0.140206	1.21027	1.21027	18.8652	4.32112	0.203602	1
cg25263801	R85	0.0199193	0.0205537	0.215392	-4.64269	0.779232	1.16723	1.16723	0.492126	1.46801	1.46801	0.501962	0.687312	-1.45494	0.0345116	0.257523	-3.88314	0.10489	0.377131	-2.6516	0.00357123	0.113951	-8.77573	0.00589953	0.137761	-7.25894	0.0739837	0.334284	-2.99147	4.71103	22.5918	4.26268	1
cg17582100	GPR87;MED12L	1.62E-05	0.712078	0.980701	-1.01968	0.00287925	0.806147	-1.24047	0.00578604	0.826909	-1.20932	3.28E-05	1.52829	1.52829	2.14E-05	1.5679	1.5679	2.84E-06	1.80249	1.80249	0.00718891	1.2001	1.2001	0.126498	1.09079	1.09079	0.120005	1.09272	1.09272	35.7919	1.56653	0.0389046	1
cg19926250	GPR87;MED12L;GPR87	1.83E-06	2.33E-06	0.228471	-4.37691	0.503939	0.916671	-1.0909	0.00102876	0.535778	-1.86644	0.0991339	0.793	-1.26103	1.69E-07	0.125753	-7.9521	4.45E-05	0.370764	-2.69713	1.55E-06	0.210752	-4.7449	0.145861	1.22178	1.22178	8.27E-05	0.402684	-2.48334	62.8225	16.3762	0.23171	1
cg00325558	GPR88	4.46E-05	0.0010948	0.422505	-2.36684	0.000768592	0.402005	-2.48753	0.00225481	0.465445	-2.14848	0.282857	1.22095	1.22095	0.000230218	0.334817	-2.98671	0.0015856	0.444337	-2.25054	2.60E-06	0.131521	-7.60333	4.58E-05	0.252116	-3.96642	0.286055	0.820202	-1.21921	27.4457	13.9117	0.450559	1
cg06122479	GPR88	0.00249283	0.00051869	2.27239	2.27239	0.0878502	0.751554	-1.33058	0.0638648	1.37136	1.37136	0.913423	0.983647	-1.01663	0.0521594	1.39777	1.39777	0.574302	1.08986	1.08986	0.0367533	1.44462	1.44462	0.00308496	0.541155	-1.8479	0.0472927	0.708859	-1.41072	9.03968	3.29082	0.323593	1
cg23242979	GPR88	0.00342019	0.0458435	0.604062	-1.65546	0.00020232	0.253419	-3.94604	0.182753	0.732447	-1.36529	0.180294	0.731003	-1.36798	0.470535	1.17546	1.17546	0.0548689	0.61909	-1.61527	0.00469095	2.28795	2.28795	0.475801	0.852412	-1.17314	0.319635	0.797331	-1.25418	8.23039	6.32177	0.682756	1
cg09408571	GPR88	0.00711286	0.300225	0.764442	-1.30814	0.00169921	0.32575	-3.06984	0.891812	0.966523	-1.03464	0.63185	1.12838	1.12838	0.0911775	0.627805	-1.59285	0.0362025	0.543656	-1.8394	0.0040514	0.380733	-2.62651	0.01582	0.477264	-2.09528	0.0332763	1.86371	1.86371	6.58219	6.52661	0.881383	1
cg06223162	GPR88	0.00959813	0.115337	0.610299	-1.63854	0.000227466	0.17079	-5.85516	0.538512	0.835579	-1.19678	0.70383	0.895682	-1.11647	0.136443	0.629519	-1.58851	0.152496	0.642716	-1.5559	0.0125162	0.408174	-2.44993	0.0975414	0.591905	-1.68946	0.365587	1.30753	1.30753	5.98855	7.8913	1.17132	1
cg18788349	GPR89A;GPR89A	0.0126407	0.0897946	0.811867	-1.23173	0.550421	1.06965	1.06965	0.645989	0.94976	-1.0529	0.417067	1.09684	1.09684	0.000320047	0.522505	-1.91386	0.112876	0.825043	-1.21206	0.797058	0.971689	-1.02914	0.616928	0.945346	-1.05781	0.0211066	0.73412	-1.36218	5.48002	1.07799	0.174856	1
cg07174053	GPR89A;GPR89A;GPR89A;GPR89A	6.56E-05	0.0370725	0.705971	-1.41649	0.439666	1.12002	1.12002	0.0264388	0.684878	-1.46011	0.786481	1.03982	1.03982	0.151893	0.801891	-1.24705	0.000103737	0.372567	-2.68408	3.30E-06	0.205867	-4.8575	0.0090165	1.61202	1.61202	0.0123573	1.56513	1.56513	24.7722	8.1155	0.291204	1
cg24132523	GPR89A;GPR89A;GPR89A;GPR89A	0.0104743	0.0720215	0.734686	-1.36111	0.29274	1.18244	1.18244	0.380436	0.870989	-1.14812	0.0381859	0.69153	-1.44607	0.0510624	0.71096	-1.40655	0.0226661	0.657776	-1.52027	0.00644136	1.72285	1.72285	0.773583	0.956681	-1.04528	0.019257	1.54447	1.54447	5.82351	2.17395	0.331827	1
cg16813087	GPR89B	0.00972899	0.716366	1.05864	1.05864	0.438044	1.1315	1.1315	0.0182416	0.639186	-1.56449	0.215288	1.22594	1.22594	0.00878309	1.68407	1.68407	0.343367	0.858598	-1.16469	0.00356809	0.539789	-1.85258	0.138394	1.28295	1.28295	0.0566985	1.40058	1.40058	5.96273	2.30359	0.343406	1
cg13496251	GPR89B	0.0138636	0.0105769	0.122378	-8.17138	0.0256164	0.176895	-5.65308	0.168588	0.383522	-2.60741	0.0977129	0.305153	-3.27704	0.0160079	0.14569	-6.86387	0.04888	0.230092	-4.3461	0.00295173	0.0695097	-14.3865	0.00598115	0.0956342	-10.4565	0.0140827	0.138096	-7.24135	5.31696	35.9365	6.00787	1
cg10059171	GPR89B;GPR89B	0.000611128	0.964723	0.994873	-1.00515	2.70E-05	2.61959	2.61959	0.903588	0.986014	-1.01418	0.0445278	1.30753	1.30753	0.679117	1.04954	1.04954	0.225308	1.15953	1.15953	0.000839673	0.557735	-1.79297	0.756512	0.964496	-1.03681	0.0295186	1.347	1.347	13.5144	2.89138	0.190176	1
cg10735116	GPR89B;GPR89B	0.0128068	?	?	?	0.00694588	0.118537	-8.4362	0.551338	0.715648	-1.39734	0.00256512	0.0722627	-13.8384	0.0108331	0.145114	-6.89113	0.226526	0.489466	-2.04304	0.732131	0.826806	-1.20947	0.104517	2.75524	2.75524	0.338135	1.73643	1.73643	7.35021	30.1114	3.07251	1
cg16675390	GPR89B;GPR89B	0.0194578	0.70785	0.888857	-1.12504	0.0411699	2.09024	2.09024	0.9013	1.0396	1.0396	0.565055	0.833574	-1.19965	0.256182	0.690081	-1.44911	0.000467029	0.178736	-5.59485	0.951959	0.98132	-1.01904	0.995505	1.00176	1.00176	0.665048	0.872553	-1.14606	4.74864	7.36672	1.37896	1
cg02042712	GPR97;GPR97	0.03486	0.014816	0.546462	-1.82995	0.111665	1.41793	1.41793	0.521234	0.877177	-1.14002	0.0278893	0.592312	-1.6883	0.170408	0.745076	-1.34214	0.10414	1.43062	1.43062	0.551309	0.885596	-1.12918	0.63574	1.10095	1.10095	0.0247635	0.583489	-1.71383	3.87274	2.49177	0.571923	1
cg07706111	GPR98;GPR98	3.77E-05	0.00117611	0.608146	-1.64434	0.00108573	0.604242	-1.65497	0.000338416	0.546944	-1.82834	0.951456	1.00638	1.00638	2.13E-06	0.29647	-3.37302	0.27483	0.888081	-1.12602	0.000149768	0.506458	-1.9745	0.0412859	1.27879	1.27879	0.000283849	0.538238	-1.85791	28.6795	4.95715	0.153641	1
cg11867257	GPR98;GPR98	0.000601593	0.382803	1.08435	1.08435	0.00161122	0.664201	-1.50557	0.239248	0.894483	-1.11796	0.0337164	1.25155	1.25155	0.884681	1.01322	1.01322	0.797442	0.976998	-1.02354	1.40E-05	0.440585	-2.26971	0.208932	0.887062	-1.12732	0.775192	0.974425	-1.02625	13.5738	1.7599	0.115248	1
cg21902014	GPR98;GPR98	0.000803761	0.313741	1.15452	1.15452	4.14E-05	0.34054	-2.93651	0.0157371	0.664879	-1.50403	0.0353909	1.40192	1.40192	0.0416881	1.38238	1.38238	0.422129	1.11972	1.11972	0.0636399	1.33318	1.33318	0.0198205	0.67845	-1.47395	0.17029	0.81758	-1.22312	12.5156	3.76987	0.267746	1
cg21998208	GPR98;GPR98	0.00281625	0.000927355	0.266886	-3.74692	0.00258855	0.327831	-3.05035	0.0128985	0.438408	-2.28098	0.391124	0.790803	-1.26454	0.00622353	0.385732	-2.59247	0.100141	0.618046	-1.618	0.00448415	0.363434	-2.75153	0.0401082	1.88435	1.88435	0.0380494	0.526063	-1.90091	8.72002	9.85377	1.00446	1
cg26003056	GPR98;GPR98	0.0031922	0.00592986	0.45345	-2.20531	0.598213	1.12396	1.12396	0.101378	0.674237	-1.48316	0.174039	0.727756	-1.37409	0.00288153	0.406292	-2.46128	0.0419087	1.67406	1.67406	0.0160345	1.91124	1.91124	0.00439579	2.30646	2.30646	0.895931	1.02918	1.02918	8.40156	6.42581	0.679854	1
cg13003311	GPR98;GPR98	0.00634754	0.00260397	0.269388	-3.71212	0.0433244	0.481513	-2.07679	0.00881065	0.350366	-2.85416	0.352191	0.740032	-1.35129	0.00364681	0.290361	-3.44398	0.0306613	0.450016	-2.22215	0.0107535	0.365024	-2.73954	0.0677527	1.90303	1.90303	0.0850102	0.549427	-1.82008	6.81937	10.68	1.39211	1
cg01963035	GPR98;GPR98	0.00808982	0.572709	0.896505	-1.11544	0.614503	0.907245	-1.10224	0.00779701	0.519576	-1.92465	0.389948	0.844626	-1.18396	0.794018	0.951082	-1.05143	0.00228173	0.441428	-2.26538	0.0037947	0.473094	-2.11375	0.224112	1.27735	1.27735	0.00409188	0.477867	-2.09263	6.32189	3.67859	0.517228	1
cg01768433	GPR98;GPR98	0.0119724	0.507634	0.804349	-1.24324	0.00699116	0.323049	-3.0955	0.151366	0.607761	-1.64538	0.0126019	0.366111	-2.73141	0.0344092	0.44969	-2.22375	0.805387	1.08324	1.08324	0.0211708	2.45399	2.45399	0.947345	0.978834	-1.02162	0.00784331	0.331151	-3.01977	5.57766	9.26852	1.47709	1
cg27025384	GPR98;GPR98	0.0321543	0.968544	0.980994	-1.01937	0.858912	0.917061	-1.09044	0.071415	0.375415	-2.66372	0.1751	0.495723	-2.01726	0.0178985	0.246527	-4.05635	0.00742681	0.186769	-5.3542	0.00388252	0.150718	-6.63492	0.600796	0.773438	-1.29293	0.103373	0.420281	-2.37936	3.98701	14.9518	3.33345	1
cg21492961	GPR98;GPR98	0.0425377	0.291326	0.756338	-1.32216	0.0488567	0.563431	-1.77484	0.326864	0.772474	-1.29454	0.975423	0.992174	-1.00789	0.054063	1.7466	1.7466	0.180208	0.695609	-1.43759	0.00627177	2.47999	2.47999	0.436675	0.816785	-1.22431	0.883026	1.03826	1.03826	3.60029	3.70914	0.915763	1
cg06921605	GPR98;GPR98	0.0464908	0.625632	0.839619	-1.19102	0.467319	1.30076	1.30076	0.772045	0.901882	-1.10879	0.590705	0.824463	-1.21291	0.00106086	0.178919	-5.58912	0.780526	0.905466	-1.1044	0.190117	1.63778	1.63778	0.910865	0.960969	-1.04062	0.213129	0.627426	-1.59381	3.48267	6.97166	1.77939	1
cg09332981	GPRASP1;GPRASP1;GPRASP1	0.00175031	0.0053414	0.506353	-1.97491	0.00222069	0.451668	-2.21402	0.214223	0.784663	-1.27443	0.328856	0.829538	-1.20549	0.000173005	0.306465	-3.26302	0.0952734	0.711843	-1.4048	0.0146534	1.74595	1.74595	0.626183	1.09531	1.09531	0.672439	1.08206	1.08206	10.0228	5.45907	0.484148	1
cg25950739	GPRASP1;GPRASP1;GPRASP1	0.00843355	0.0272632	0.35651	-2.80497	0.00448722	0.224086	-4.46258	0.227878	0.606719	-1.64821	0.222333	1.65915	1.65915	0.0142335	0.303088	-3.29938	0.62716	1.21317	1.21317	0.204757	1.69596	1.69596	0.0402923	2.54793	2.54793	0.0287811	2.7677	2.7677	6.23947	15.401	2.19407	1
cg15230046	GPRASP1;GPRASP1;GPRASP1	0.0182538	0.0113988	0.286084	-3.49548	0.00711368	0.253116	-3.95076	0.490255	0.758111	-1.31907	0.441374	0.733279	-1.36374	0.0017339	0.17111	-5.84419	0.0854656	0.471777	-2.11964	0.0224876	0.339546	-2.94511	0.0524838	0.4184	-2.39006	0.231538	0.609035	-1.64194	4.85221	12.0001	2.19833	1
cg09278708	GPRASP1;GPRASP1;GPRASP1	0.0268457	0.0129356	0.334843	-2.98647	0.207365	0.624066	-1.60239	0.126996	0.556937	-1.79553	0.0169862	2.80743	2.80743	0.0348062	0.417938	-2.3927	0.0890417	0.514245	-1.9446	0.0521745	0.456929	-2.18852	0.10556	0.534181	-1.87203	0.426967	0.750035	-1.33327	4.2502	8.4651	1.7704	1
cg07520976	GPRASP2;GPRASP2	0.000196627	0.202353	0.682634	-1.46491	0.00252137	0.304325	-3.28596	0.110474	0.610573	-1.63781	0.125616	0.624909	-1.60023	3.44E-05	0.102946	-9.71388	0.000473973	0.210763	-4.74467	2.64E-05	0.0946568	-10.5645	0.0159983	0.433223	-2.30828	0.000653931	0.227232	-4.4008	18.4561	23.5179	1.13268	1
cg25624831	GPRASP2;GPRASP2	0.0132995	0.00297196	0.406144	-2.46218	0.206074	0.744678	-1.34286	0.890671	1.03086	1.03086	0.00240914	2.54534	2.54534	0.195864	1.353	1.353	0.364505	0.813867	-1.2287	0.5344	1.14921	1.14921	0.428705	0.836461	-1.19551	0.304228	0.790428	-1.26514	5.38986	4.17026	0.687754	1
cg15006627	GPRC5A	0.00811509	0.2116	1.32483	1.32483	0.000307171	3.4995	3.4995	0.990289	0.997402	-1.0026	0.21937	1.31795	1.31795	0.129003	0.704235	-1.41998	0.0202794	0.549806	-1.81882	0.62672	1.11045	1.11045	0.292488	1.26294	1.26294	0.437309	1.18455	1.18455	6.31568	4.56996	0.643191	1
cg06776256	GPRC5A	0.0346494	0.0830457	0.610255	-1.63866	0.0364727	1.86941	1.86941	0.0226267	0.495375	-2.01867	0.758657	1.08254	1.08254	0.140995	0.665339	-1.50299	0.260802	0.739471	-1.35232	0.522203	1.18166	1.18166	0.00848233	0.421165	-2.37437	0.628739	0.88216	-1.13358	3.88124	4.07103	0.932355	1
cg24765748	GPRC5A	0.0489619	0.0649823	0.623871	-1.60289	0.661669	0.904601	-1.10546	0.968003	0.990909	-1.00917	0.0203218	0.528928	-1.89062	0.0054525	0.435028	-2.2987	0.158992	0.709814	-1.40882	0.28542	0.776765	-1.28739	0.255823	0.763314	-1.31008	0.0133206	0.497494	-2.01008	3.41522	2.80408	0.729824	1
cg19737972	GPRC5A;GPRC5A	0.00470799	0.00108869	1.55452	1.55452	0.68729	0.963641	-1.03773	0.118282	1.16791	1.16791	0.46832	0.934696	-1.06987	0.398674	1.0823	1.0823	0.332821	0.912622	-1.09574	0.00191014	0.668748	-1.49533	0.0481782	0.813288	-1.22958	0.0580439	0.821945	-1.21663	7.47441	0.991604	0.117926	1
cg05948710	GPRC5B	0.000182409	0.493574	1.06677	1.06677	0.000285302	1.73468	1.73468	0.00303717	1.4587	1.4587	0.025255	1.2806	1.2806	0.0022564	1.48789	1.48789	0.000315433	1.72054	1.72054	0.221746	1.12681	1.12681	0.0581582	1.22025	1.22025	9.92E-05	0.526073	-1.90088	18.8351	2.57804	0.121666	1
cg07519235	GPRC5B	0.00470734	0.264298	0.706812	-1.4148	0.0211584	0.437528	-2.28557	0.0881064	0.570488	-1.75288	0.385051	0.766756	-1.3042	0.000181893	0.151368	-6.6064	0.00345311	0.306002	-3.26796	0.00907042	0.371977	-2.68834	0.0365473	0.484512	-2.06393	0.839037	0.941149	-1.06253	7.47472	10.5286	1.25205	1
cg01028163	GPRC5B	0.00549323	0.216624	1.88664	1.88664	0.72754	0.843009	-1.18623	0.434238	0.677343	-1.47636	0.010163	4.86832	4.86832	0.00188877	8.58902	8.58902	0.0538081	2.91257	2.91257	0.783127	0.873963	-1.14421	0.00221177	0.123185	-8.1179	0.762124	0.862235	-1.15978	7.13025	26.9215	3.35616	1
cg09141413	GPRC5B	0.00615709	0.297151	1.08464	1.08464	0.0255204	1.22078	1.22078	0.272146	1.08972	1.08972	0.0400627	1.19524	1.19524	0.0014367	0.707232	-1.41396	0.124019	1.13338	1.13338	0.241562	1.09652	1.09652	0.00308517	1.35586	1.35586	0.176558	1.11404	1.11404	6.88397	0.616012	0.0795421	1
cg06088324	GPRC5B	0.0147967	0.980926	1.00483	1.00483	0.243967	1.27829	1.27829	0.0576913	1.54075	1.54075	0.0163686	1.80587	1.80587	0.163175	1.34957	1.34957	0.277382	0.7965	-1.25549	0.644668	1.09805	1.09805	0.210809	0.766774	-1.30417	0.00184255	0.410335	-2.43703	5.20411	3.34361	0.571105	1
cg05072547	GPRC5B	0.0153343	0.0741199	2.45795	2.45795	0.0016117	7.717	7.717	0.241791	1.73956	1.73956	0.0203284	3.53932	3.53932	0.0978645	2.27185	2.27185	0.0409988	2.9028	2.9028	0.917448	1.04796	1.04796	0.00611789	5.03668	5.03668	0.0138672	3.95093	3.95093	5.14303	16.6325	2.87465	1
cg02384338	GPRC5B	0.0153721	0.00730077	10.8249	10.8249	0.0044599	13.6185	13.6185	0.126355	3.12235	3.12235	0.116324	3.23792	3.23792	0.00460673	13.4113	13.4113	0.0605531	4.29271	4.29271	0.0226475	6.54608	6.54608	0.0515731	4.5978	4.5978	0.0131905	8.29384	8.29384	5.13884	38.5794	6.67325	1
cg12398332	GPRC5B	0.0219777	0.22905	0.779359	-1.28311	0.0303496	1.65322	1.65322	0.12757	1.38457	1.38457	0.00740941	0.505965	-1.97642	0.0481579	1.56207	1.56207	0.41208	0.847361	-1.18014	0.0644847	1.5071	1.5071	0.222482	0.776318	-1.28813	0.468478	1.15682	1.15682	4.55552	2.81404	0.549086	1
cg10638734	GPRC5B	0.025899	0.0759405	3.68624	3.68624	0.00340998	13.8555	13.8555	0.038552	4.86973	4.86973	0.293443	2.05417	2.05417	0.19232	2.48816	2.48816	0.0878063	3.47147	3.47147	0.00403466	12.8219	12.8219	0.041495	4.72487	4.72487	0.0482721	4.44058	4.44058	4.30392	29.7415	6.14252	1
cg08623215	GPRC5B	0.0330851	0.0521803	4.04372	4.04372	0.0487105	4.15451	4.15451	0.0741681	3.52108	3.52108	0.151866	2.6411	2.6411	0.0485124	4.16116	4.16116	0.0567523	3.91245	3.91245	0.00583612	9.81095	9.81095	0.0116172	7.3573	7.3573	0.0201769	5.88525	5.88525	3.9464	25.0133	5.63401	1
cg02938926	GPRC5B	0.0381011	0.125605	2.51845	2.51845	0.00543726	7.67613	7.67613	0.015661	5.21165	5.21165	0.450928	1.53422	1.53422	0.25638	1.9351	1.9351	0.0484231	3.51325	3.51325	0.0109665	5.92234	5.92234	0.045206	3.59782	3.59782	0.197363	2.1369	2.1369	3.74949	18.4392	4.37136	1
cg10069607	GPRC5B;GPRC5B	0.00108624	0.0364133	0.5649	-1.77022	0.761207	1.0742	1.0742	0.300299	1.28666	1.28666	0.172667	0.711197	-1.40608	0.0151022	0.496012	-2.01608	7.17E-05	0.182938	-5.46632	0.000663316	0.29405	-3.40079	0.39507	1.22696	1.22696	0.148684	1.43869	1.43869	11.4933	10.0375	0.776295	1
cg11444135	GPRC5C	0.000500177	0.532049	0.928399	-1.07712	0.572814	1.06917	1.06917	0.0793442	0.795639	-1.25685	0.119245	0.819997	-1.21952	0.217934	0.858879	-1.16431	0.101537	0.810241	-1.2342	0.000181669	0.475567	-2.10275	5.43E-05	2.41799	2.41799	0.340452	1.12222	1.12222	14.2891	3.11795	0.193959	1
cg22633590	GPRC5C	0.000937394	0.358496	1.13584	1.13584	0.534722	1.08851	1.08851	0.420319	0.894884	-1.11746	0.0367626	1.38717	1.38717	0.543953	1.08638	1.08638	0.526265	1.09048	1.09048	1.57E-05	0.300156	-3.33161	0.957686	0.992868	-1.00718	0.0403941	0.726609	-1.37626	11.984	3.45362	0.256165	1
cg01750157	GPRC5C	0.0163928	0.0930389	0.563476	-1.7747	0.495679	1.23956	1.23956	0.407033	1.30122	1.30122	0.0389915	2.09971	2.09971	0.102019	0.573728	-1.74299	0.0291023	2.22193	2.22193	0.587859	0.843779	-1.18515	0.00499169	0.315525	-3.16932	0.0714691	1.86804	1.86804	5.0302	7.67773	1.35673	1
cg15437528	GPRC5C	0.016401	0.00585848	0.566332	-1.76575	0.0455785	0.69672	-1.4353	0.110356	0.760125	-1.31557	0.224241	0.817713	-1.22292	0.0628989	0.719044	-1.39074	0.107849	0.758381	-1.3186	0.000793953	0.449839	-2.22302	0.786074	0.958024	-1.04382	0.0460541	0.697428	-1.43384	5.02937	1.97915	0.349794	1
cg15949830	GPRC5C	0.02973	0.176978	0.838569	-1.19251	0.680206	0.950424	-1.05216	0.691373	0.952225	-1.05017	0.0696087	0.779607	-1.2827	0.00921576	0.666617	-1.50011	0.135304	0.820781	-1.21835	0.00145508	0.568823	-1.75802	0.0502475	0.760464	-1.31499	0.584793	0.934549	-1.07004	4.09997	0.977317	0.211886	1
cg19213955	GPRC5C	0.0473723	0.139477	0.238938	-4.18519	0.013312	0.0593038	-16.8623	0.0181105	0.0717094	-13.9452	0.673466	0.685536	-1.45871	?	?	?	0.0285661	0.0943763	-10.5959	?	?	?	?	?	?	0.381716	0.448626	-2.22903	3.95523	32.3837	9.55216	1
cg11963912	GPRC5C;GPRC5C	0.00104507	0.00578528	0.399258	-2.50465	0.000745403	3.66856	3.66856	0.247108	1.35978	1.35978	0.0796375	0.610176	-1.63887	0.636312	1.12858	1.12858	0.0101234	2.27923	2.27923	0.000372277	0.235529	-4.24577	0.779293	0.931141	-1.07395	0.333484	0.776215	-1.2883	11.6203	11.8683	0.907861	1
cg23986185	GPRC5C;GPRC5C	0.00161339	0.356151	0.789931	-1.26593	0.0319639	1.86718	1.86718	0.0427437	0.560174	-1.78516	0.690583	1.10452	1.10452	0.763462	0.927755	-1.07787	0.153884	1.46127	1.46127	0.000548785	0.263534	-3.79457	0.000248081	0.222473	-4.49493	0.0244804	0.513822	-1.9462	10.2617	10.0326	0.869045	1
cg16557906	GPRC5C;GPRC5C	0.00348017	0.478966	0.848184	-1.17899	0.151235	1.42167	1.42167	0.00449069	0.42036	-2.37891	0.742119	1.07847	1.07847	0.00133691	0.344132	-2.90586	0.660722	1.10633	1.10633	0.00387336	0.410638	-2.43524	0.00147411	0.349997	-2.85717	0.109464	0.67083	-1.49069	8.18771	6.78678	0.736798	1
cg16481791	GPRC5C;GPRC5C	0.00512776	0.00213743	0.110185	-9.07566	0.0271381	3.80864	3.80864	0.609069	0.768186	-1.30177	0.363907	0.620603	-1.61134	0.000851765	0.077094	-12.9712	0.10718	0.406929	-2.45743	0.0548322	0.328412	-3.04496	0.0513933	0.321727	-3.10823	0.026735	0.261306	-3.82693	7.28224	30.1511	3.68032	1
cg25928447	GPRC5C;GPRC5C	0.00887435	0.00829821	0.235085	-4.25378	0.0328957	2.91699	2.91699	0.577186	0.785347	-1.27332	0.0166121	0.285095	-3.5076	0.0638307	0.4091	-2.44439	0.425311	1.41805	1.41805	0.00212669	0.156879	-6.37433	0.0486232	0.380475	-2.6283	0.229278	0.582023	-1.71815	6.13969	17.8981	2.59123	1
cg12893736	GPRC5C;GPRC5C	0.011796	0.032725	3.56309	3.56309	0.000214537	23.1681	23.1681	0.0584932	2.96558	2.96558	0.727597	0.837082	-1.19463	0.375023	1.58887	1.58887	0.21048	1.95629	1.95629	0.0810612	2.67421	2.67421	0.166888	2.11579	2.11579	0.698003	1.21932	1.21932	5.60457	22.9559	3.64082	1
cg23679018	GPRC5C;GPRC5C	0.0277703	0.170991	0.813084	-1.22989	0.445238	1.11679	1.11679	0.367215	0.876794	-1.14052	0.474378	0.901883	-1.10879	0.0349256	0.705458	-1.41752	0.57303	1.08419	1.08419	0.000800749	0.487518	-2.05121	0.994679	0.999054	-1.00095	0.655897	1.06573	1.06573	4.19994	1.34026	0.283657	1
cg02144954	GPRC5C;GPRC5C	0.0331822	0.0154367	0.26571	-3.7635	0.119426	2.12458	2.12458	0.635828	0.808372	-1.23705	0.0194092	0.28353	-3.52696	0.878326	1.07071	1.07071	0.56243	1.29846	1.29846	0.0104818	0.237719	-4.20664	0.0675954	0.401247	-2.49223	0.457847	0.713802	-1.40095	3.94224	12.4176	2.7999	1
cg21327194	GPRC5C;GPRC5C	0.0372741	0.0193043	0.11281	-8.86449	0.809359	0.829961	-1.20488	0.515507	0.60142	-1.66273	0.07435	0.215849	-4.63287	0.0098118	0.0806723	-12.3958	0.0761689	0.218376	-4.57926	0.00814832	0.0734228	-13.6197	0.0412295	0.1627	-6.14627	0.0639216	0.20073	-4.9818	3.77968	35.5947	8.37101	1
cg26663490	GPRC5C;GPRC5C	0.0403269	0.0187074	0.170875	-5.85225	0.975965	1.01885	1.01885	0.651935	0.754624	-1.32516	0.0758063	0.293684	-3.40502	0.0169982	0.164551	-6.07715	0.148022	0.382061	-2.61738	0.00773386	0.119883	-8.34145	0.0258823	0.193974	-5.15533	0.0952346	0.320918	-3.11606	3.67211	22.3573	5.41191	1
cg12800145	GPRC5D	0.0118982	0.0166553	0.808523	-1.23682	0.612752	0.963571	-1.03781	0.580947	0.960275	-1.04137	0.885908	1.01049	1.01049	0.786499	0.980455	-1.01993	0.743187	1.02419	1.02419	0.000496977	1.48619	1.48619	0.532939	0.955123	-1.04699	0.086559	1.14756	1.14756	5.58892	0.467893	0.0744159	1
cg12636108	GPRIN1	0.000232095	0.012511	0.780041	-1.28198	0.00255443	0.715623	-1.39738	0.895678	1.01054	1.01054	0.569223	1.04707	1.04707	4.50E-06	0.430223	-2.32438	0.123058	0.874957	-1.14291	0.487274	0.945131	-1.05805	0.0749603	1.17183	1.17183	0.147421	1.13235	1.13235	17.6434	1.78646	0.0900033	1
cg22887484	GPRIN1	0.000919321	0.39463	1.38732	1.38732	0.00407245	4.2535	4.2535	0.0368276	2.48567	2.48567	0.00239506	4.8974	4.8974	0.684299	0.857707	-1.1659	0.578769	1.23439	1.23439	0.0918009	0.498092	-2.00766	3.79E-05	19.4818	19.4818	0.0127512	3.19605	3.19605	12.0502	26.9064	1.98477	1
cg02404843	GPRIN1	0.00220576	0.59283	0.948047	-1.0548	0.0471802	1.25167	1.25167	0.00265102	1.50831	1.50831	0.934729	0.991937	-1.00813	0.0345737	1.2758	1.2758	0.951974	0.994064	-1.00597	0.00038365	0.571075	-1.75108	0.644062	0.955056	-1.04706	0.00753287	1.40478	1.40478	9.37011	1.44979	0.137533	1
cg22733478	GPRIN1	0.00427779	0.196554	0.76008	-1.31565	0.141264	0.727712	-1.37417	0.796316	0.94936	-1.05334	8.84E-05	0.243879	-4.1004	0.017088	0.55763	-1.7933	0.256533	1.26862	1.26862	0.27447	0.795767	-1.25665	0.262269	1.26471	1.26471	0.905993	1.02402	1.02402	7.69488	4.91913	0.568243	1
cg02098752	GPRIN1	0.013003	0.0738574	2.57857	2.57857	0.349317	1.58098	1.58098	0.969643	1.01826	1.01826	0.615734	1.272	1.272	0.0138922	4.24178	4.24178	0.0329812	3.27251	3.27251	0.000504171	13.2658	13.2658	0.0155956	4.09506	4.09506	0.156594	2.05524	2.05524	5.42974	19.437	3.18199	1
cg05017829	GPRIN1	0.0400262	0.16516	1.32151	1.32151	0.043009	1.55033	1.55033	0.213051	1.28009	1.28009	0.163366	1.32329	1.32329	0.488753	1.1416	1.1416	0.114055	1.38222	1.38222	0.00106164	2.48757	2.48757	0.7082	1.07336	1.07336	0.70664	0.931279	-1.07379	3.68225	2.06774	0.49915	1
cg11056569	GPRIN1	0.0456426	0.605407	1.07373	1.07373	0.0526162	1.35091	1.35091	0.0903789	0.77513	-1.29011	0.316906	1.15169	1.15169	0.35258	1.13949	1.13949	0.0692071	1.31984	1.31984	0.00315932	1.73425	1.73425	0.207141	1.19913	1.19913	0.776627	1.03959	1.03959	3.50684	1.03494	0.262328	1
cg11497870	GPRIN1	0.0493747	0.218866	0.87436	-1.14369	0.112312	0.835689	-1.19662	0.359792	1.10269	1.10269	0.065324	0.806696	-1.23962	0.0503778	0.793285	-1.26058	0.620397	0.949483	-1.0532	0.658223	1.04731	1.04731	0.117022	1.19338	1.19338	0.0195727	1.3403	1.3403	3.40437	0.581223	0.151759	1
cg01838941	GPRIN2	0.010693	0.958372	1.00832	1.00832	0.0455816	1.43913	1.43913	0.383894	1.15232	1.15232	0.060039	0.714003	-1.40055	0.00791147	1.71753	1.71753	0.118777	1.30849	1.30849	0.000676158	2.28244	2.28244	0.304514	1.18395	1.18395	0.538281	1.10401	1.10401	5.78498	2.3103	0.354989	1
cg15248828	GPRIN2	0.0181029	0.0952059	2.5702	2.5702	0.0468073	3.22826	3.22826	0.388384	1.57647	1.57647	0.441343	1.4982	1.4982	0.350489	1.64019	1.64019	0.147378	2.22667	2.22667	0.000952074	12.6253	12.6253	0.00405103	7.29524	7.29524	0.0403639	3.38484	3.38484	4.86579	20.4317	3.73248	1
cg09228831	GPRIN3	2.20E-05	0.010371	0.659752	-1.51572	0.16792	0.82752	-1.20843	0.000129403	0.424522	-2.35559	0.877588	0.98034	-1.02005	3.07E-07	0.145391	-6.87798	0.00195094	0.568749	-1.75825	0.000501408	0.496046	-2.01594	0.346299	0.882549	-1.13308	0.00476975	0.617127	-1.62041	33.0191	8.67851	0.233629	1
cg21892111	GPRIN3	0.00398811	0.620368	0.931439	-1.07361	0.000524336	0.463545	-2.15729	0.703091	0.946984	-1.05598	0.660104	1.06497	1.06497	0.0816467	1.31587	1.31587	0.664986	1.06394	1.06394	0.000936514	2.01846	2.01846	0.327196	1.15474	1.15474	0.377834	0.879226	-1.13736	7.85954	2.51864	0.28485	1
cg12577942	GPRIN3	0.0381216	0.116541	1.73038	1.73038	0.157599	0.615153	-1.62561	0.310385	0.713548	-1.40145	0.0611216	1.97102	1.97102	0.193242	0.6423	-1.5569	0.518119	1.2345	1.2345	0.00368676	3.53259	3.53259	0.207147	1.5338	1.5338	0.40339	1.31646	1.31646	3.74875	6.13844	1.45552	1
cg03265664	GPRIN3	0.0396949	0.178678	0.756227	-1.32236	0.0517585	0.648627	-1.54172	0.0113344	0.537912	-1.85904	0.301302	0.811039	-1.23299	0.127856	1.37979	1.37979	0.881468	0.971242	-1.02961	0.0271227	1.66788	1.66788	0.982143	0.995633	-1.00439	0.370087	1.19722	1.19722	3.69353	2.23721	0.53841	1
cg06466415	GPS1;GPS1	0.000264406	0.188976	0.712321	-1.40386	3.43E-05	0.141605	-7.0619	0.0273965	0.529357	-1.88908	0.501972	0.846961	-1.18069	3.12E-05	0.138112	-7.24052	0.0925155	0.636813	-1.57032	0.229677	0.735483	-1.35965	0.966466	1.0103	1.0103	0.000310816	0.240273	-4.16193	17.0278	16.0239	0.836483	1
cg21562801	GPS1;GPS1	0.00192875	0.00017969	0.238105	-4.19983	0.556285	0.874023	-1.14413	0.00782985	0.461964	-2.16467	0.508756	0.859268	-1.16378	0.313806	1.26581	1.26581	0.344184	0.802141	-1.24666	0.260033	0.766566	-1.30452	0.0149356	0.508031	-1.96838	0.000338578	0.270676	-3.69446	9.74426	7.90112	0.720755	1
cg07046854	GPS1;GPS1	0.00250709	0.134265	0.766337	-1.30491	0.0313632	0.65958	-1.51612	0.123883	0.75985	-1.31605	0.548472	0.904775	-1.10525	0.0464175	0.686626	-1.4564	4.80E-05	0.283263	-3.53029	0.143008	1.29619	1.29619	0.281943	1.20236	1.20236	0.413355	0.871251	-1.14777	9.02452	3.8822	0.382385	1
cg05989656	GPS1;GPS1	0.00269443	0.0107125	0.690964	-1.44725	0.194267	0.85361	-1.1715	0.00480942	0.649728	-1.53911	0.000360217	0.517098	-1.93387	0.0946863	0.809207	-1.23578	0.289434	1.13512	1.13512	0.00913343	1.46474	1.46474	0.244576	0.869094	-1.15062	0.1294	0.827911	-1.20786	8.83478	1.8588	0.187018	1
cg26941433	GPS1;GPS1	0.00307036	0.0107259	0.597353	-1.67405	0.922769	0.984539	-1.0157	0.117095	0.760679	-1.31461	0.722917	0.944399	-1.05887	0.114414	0.75888	-1.31773	0.00024888	0.37849	-2.64208	0.000322316	0.39261	-2.54706	0.161005	0.786175	-1.27198	0.100498	0.748928	-1.33524	8.49941	3.47578	0.363506	1
cg01951603	GPS1;GPS1	0.00715474	0.0660394	0.72089	-1.38717	0.0408675	0.687572	-1.45439	0.527448	0.903383	-1.10695	0.553188	0.90919	-1.09988	0.000439009	0.414212	-2.41422	0.0012624	0.473817	-2.11052	0.303258	0.844316	-1.18439	0.446507	1.13105	1.13105	0.208646	0.810299	-1.23411	6.57014	2.62083	0.354577	1
cg15778497	GPS1;GPS1	0.00752628	0.133242	0.604735	-1.65362	0.0105475	0.368213	-2.71582	0.042062	0.483171	-2.06966	0.190026	0.649857	-1.5388	0.00599464	0.327826	-3.0504	0.000488236	0.183258	-5.45679	0.00841313	0.351656	-2.84368	0.219643	0.669774	-1.49304	0.0184064	0.411445	-2.43046	6.46692	9.87621	1.3575	1
cg19233843	GPS1;GPS1	0.00761636	0.11647	0.70512	-1.4182	0.355413	0.823065	-1.21497	0.932629	1.01747	1.01747	0.149286	0.728522	-1.37264	0.000648393	0.342511	-2.91961	0.00153784	0.393194	-2.54327	0.00942306	0.509611	-1.96228	0.626136	1.1058	1.1058	0.429861	0.847844	-1.17946	6.44284	4.28118	0.590655	1
cg17998822	GPS1;GPS1	0.0111294	0.93412	1.01681	1.01681	0.00911534	0.512715	-1.9504	0.170641	0.745108	-1.34209	0.511536	0.874361	-1.14369	0.00237031	0.425397	-2.35075	0.00117087	0.382627	-2.61351	0.576306	0.892401	-1.12057	0.663637	1.09225	1.09225	0.083343	0.679403	-1.47188	5.71095	3.67795	0.57246	1
cg14047361	GPS1;GPS1	0.0179508	0.120542	0.871845	-1.14699	0.024582	1.24368	1.24368	0.0403021	0.824526	-1.21282	0.476474	0.94274	-1.06074	0.00543817	0.742383	-1.34701	0.0862023	0.856927	-1.16696	0.0561374	1.19266	1.19266	0.692859	1.03286	1.03286	0.263573	0.909443	-1.09957	4.87962	0.512667	0.0933892	1
cg21722775	GPS1;GPS1	0.0315857	0.778576	1.04881	1.04881	0.00201874	0.478829	-2.08843	0.00616645	0.546605	-1.82947	0.508143	1.1202	1.1202	0.686393	0.933674	-1.07104	0.322453	0.841299	-1.18864	0.99729	0.999426	-1.00057	0.532037	0.898508	-1.11296	0.104036	0.740442	-1.35054	4.01253	1.81668	0.402446	1
cg05037210	GPS1;GPS1;RFNG	0.0119489	0.0370511	0.564347	-1.77196	0.743587	0.925377	-1.08064	0.0345911	1.78995	1.78995	0.378707	1.23786	1.23786	0.00634254	0.431871	-2.3155	0.088213	0.641146	-1.55971	0.844217	1.04758	1.04758	0.0953551	0.648603	-1.54177	0.00990847	2.15939	2.15939	5.58122	4.93472	0.785924	1
cg25400422	GPS1;RFNG;GPS1	0.0192566	0.110071	0.556967	-1.79544	0.658296	1.16133	1.16133	0.505732	0.796992	-1.25472	0.594904	1.19763	1.19763	0.057918	0.486569	-2.05521	0.0105489	0.339211	-2.94801	0.00246195	0.242892	-4.11705	0.0075146	0.31472	-3.17743	0.535886	0.810054	-1.23449	4.76538	8.52236	1.58968	1
cg04366367	GPS1;RFNG;GPS1	0.0233333	0.0932552	0.519446	-1.92513	0.567092	0.81446	-1.22781	0.23636	0.643928	-1.55297	0.300786	0.683616	-1.46281	0.00155841	0.199262	-5.01852	0.00307895	0.237568	-4.20932	0.150194	0.578585	-1.72835	0.0500351	0.452603	-2.20944	0.146412	0.575202	-1.73852	4.46266	8.89482	1.7717	1
cg27539234	GPS2	3.66E-05	0.840905	1.02699	1.02699	0.000237593	2.24041	2.24041	0.374381	1.12842	1.12842	4.19E-07	6.72534	6.72534	0.675795	1.05731	1.05731	0.0966958	1.27332	1.27332	0.33819	0.877375	-1.13976	0.00961285	1.54395	1.54395	0.1694	1.21406	1.21406	28.9014	8.03652	0.247171	1
cg04239855	GPS2	0.0262265	0.374132	0.877858	-1.13914	0.329827	0.866236	-1.15442	0.749183	0.955229	-1.04687	0.0334507	1.42594	1.42594	0.883625	0.979302	-1.02114	0.862112	1.02514	1.02514	0.000965148	0.495748	-2.01715	0.349996	0.871645	-1.14726	0.170304	0.811771	-1.23187	4.28506	1.38383	0.28706	1
cg10277912	GPS2	0.0301187	0.0693623	0.31648	-3.15976	0.0205153	0.205825	-4.8585	0.196145	0.461136	-2.16856	0.114539	0.378328	-2.64321	0.0304618	0.236864	-4.22182	0.162654	0.429952	-2.32584	0.00540704	0.125751	-7.9522	0.0103726	0.1607	-6.22278	0.0206893	0.206447	-4.84386	4.0811	20.729	4.5149	1
cg01346114	GPS2	0.0309118	0.668491	0.899053	-1.11228	0.0694566	1.65142	1.65142	0.299492	1.30423	1.30423	0.0153394	2.08572	2.08572	0.486681	1.19075	1.19075	0.0509701	0.577433	-1.7318	0.0408295	0.558114	-1.79175	0.0993102	1.56252	1.56252	0.0766425	1.62655	1.62655	4.04353	3.90774	0.859037	1
cg20754634	GPS2;GPS2	0.0134703	0.639614	0.965205	-1.03605	0.139048	1.12701	1.12701	0.137972	1.12744	1.12744	0.164345	0.894563	-1.11786	0.000634644	0.674274	-1.48308	0.744131	0.975706	-1.0249	0.487395	0.948395	-1.05441	0.269667	0.917302	-1.09015	0.0170124	0.803708	-1.24423	5.36739	0.479371	0.0793881	1
cg13799504	GPSM1	0.0240708	0.885196	0.954022	-1.04819	0.20243	0.645041	-1.55029	0.799748	1.08634	1.08634	0.233092	1.50282	1.50282	0.00215571	0.245766	-4.06891	0.252055	1.47671	1.47671	0.608209	1.18347	1.18347	0.00721121	0.323106	-3.09496	0.662066	0.86651	-1.15405	4.4149	7.42172	1.49428	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(1047 vs. N))	p-value(1057 vs. N)	Fold-Change(1-p-value(1057 vs. N))	p-value(1117 vs. N)	Fold-Change(1-p-value(1117 vs. N))	p-value(1127 vs. N)	Fold-Change(1-p-value(1127 vs. N))	p-value(1217 vs. N)	Fold-Change(1-p-value(1217 vs. N))	p-value(1247 vs. N)	Fold-Change(1-p-value(1247 vs. N))	p-value(1477 vs. N)	Fold-Change(1-p-value(1477 vs. N))	p-value(1537 vs. N)	Fold-Change(1-p-value(1537 vs. N))	p-value(5377 vs. N)	Fold-Change(1-p-value(5377 vs. N))	p-value(5637 vs. N)	Fold-Change(1-p-value(5637 vs. N))	F(Error	F(Treat	SS(Test)	SS(Error)	
cg13705014	GPSM1;GPSM1	0.00907886	0.0366124	0.48272	-2.44666	0.693321	0.15721	0.337955	0.694954	1.43894	0.0880361	0.499771	-2.02002	0.82309722	0.225134	4.4418									-3.70409	0.09526	13.1018	1.91067	1
cg14555265	GPSM1;GPSM1	0.0110307	0.084285	0.720985	-1.38699	0.0779726	0.714994	-1.39861	0.0015448	0.458269	-2.18212	0.00530776	0.532059	-1.87632	0.00540874	0.516411	-1.93644								-2.56737	0.127102	0.742528	-1.34675	5.72737	2.66145	0.413057	1
cg14271150	GPSM1;GPSM1	0.0200869	0.239166	0.796458	-1.25556	0.791136	0.952177	-1.05022	0.0394678	0.644187	-1.55234	0.203698	0.780606	-1.28106	0.216695	0.786634	-1.27124								0.8938048	0.976612	-1.02395	0.425699	1.16204	1.16204	0.000409663	0.354822	-2.81831	0.180827	0.76926	-1.29995	4.69764	2.53597	0.479858	1
cg13957175	GPSM1;GPSM1	0.0177089	0.174659	1.85911	1.85911	0.0100145	0.148747	-1.14814	0.0843206	2.27086	2.27086	0.225169	1.72829	0.587252	0.7902124	-1.26542									0.5338634	1.31077	1.31077	0.0153586	3.58878	3.58878	0.00217657	6.34124	6.34124	0.0796591	2.30585	2.30585	3.7637	10.996	2.59698	1
cg14164080	GPSM1;GPSM1;LOC26102	0.0488831	0.0102233	0.575829	-1.73663	0.145112	1.3057	1.3057	0.444052	0.87545	-1.14227	0.283859	1.20901	1.20901	0.0305699	0.648447	-1.54215								0.8720351	1.02786	1.02786	0.466269	1.13472	1.13472	0.0149732	0.993128	-1.10886	0.037555	0.662773	-1.50881	3.41731	1.57283	0.409115	1
cg13434706	GPSM2	1.10E-05	0.0182403	0.728394	-1.37288	1.24E-06	0.25119	-3.98105	0.00055925	0.532296	-1.80735	0.171161	1.17485	1.17485	0.0001602	0.490009	-2.04049								0.000568345	0.554109	-1.8047	7.42E-06	0.335743	-2.97847	0.188824	1.16645	1.16645	4.00E-05	0.419823	-2.38396	39.6119	7.67276	0.172176	1
cg19854470	GPSM2	0.0159729	0.139813	1.17636	1.17636	0.03703121	1.28092	1.28092	0.387211	1.09485	1.09485	0.161056	0.858092	-1.16538	0.08185514	1.2179	1.2179								0.4974668	1.07296	1.07296	0.0233819	0.7580993	-1.3191	0.859187	0.982009	-1.01832	0.002009955	1.55638	1.55638	1.07385	0.83994	0.147149	1
cg20859129	GPSM2;GPSM2	0.024591	0.0416091	0.331724	-3.01495	0.0156275	0.2182815	-3.43434	0.00528757	0.137825	-5.62351	0.0477162	0.345245	-2.89402	0.0471265	0.343995	-2.90702								0.0577917	0.564347	-2.74463	0.00182456	0.1681557	-6.24402	0.23235	0.553257	-1.80097	0.0972612	0.423357	-2.35097	4.38228	15.3138	3.10621	1
cg22161131	GPSM2;GPSM2	0.039137	0.0128946	0.242082	-4.12994	0.0154467	0.400584	-2.49554	-8.77163	0.187137	2.71206	2.71206	0.999619	0.3996621	-0.00034	0.138543	0.319599	-3.12892							0.0128324	0.104032	-9.61239	0.81141	1.18132	1.18132	0.7392066	0.127604	1.60264	0.150142	1.60579	1.60579	4.05734	16.4329	6.03131	1
cg17938867	GPSM2	0.0402251	0.423099	0.596907	-1.6753	0.00315683	0.0532092	-18.7937	0.0183175	0.220077	-4.54386	0.995306	0.996297	-1.00372	0.170729	0.398538	-2.50917								0.0435371	0.231371	-4.32207	0.181649	0.408945	-2.44532	0.163345	0.391321	-2.55545	0.970002	0.976563	-1.024	1.67553	23.1518	5.59903	1
cg14044426	GPSM2;GPSM2	3.78E-05	0.0276286	0.601348	-1.66299	0.0139191	0.1636	1.57636	0.0003585	0.100463	1.22818	1.22818	0.141605	1.22818	0.0001602	0.388367	2.57483								2.88E-05	0.112288	8.90566	0.00148093	0.6404247	1.56268	0.0153163	0.990462	1.15624	0.0061246	0.662072	1.51004	28.6015	17.3299	0.537608	1
cg14044426	GPSM3	0.032066	0.991151	-1.08093	0.000919955	0.519507	-1.9249	0.0712346	0.830526	-1.23377	0.0466115	0.788552	-1.26815	5.66E-06	0.344183	-2.90543									0.0153972	0.793443	-1.36343	0.00414809	0.557664	-1.79002	0.0065968	0.580479	-1.72272	4.02E-05	0.444422	2.2654	0.2983209	0.354832	0.538018	1
cg12188494	GPSM3;GPSM3	0.0013103	0.0025572	1.69514	1.63914	0.000394514	0.012592	-4.5128	0.3218862	0.938985	-1.06498	0.310988	0.647049	-1.54548	0.013784	0.449636	-2.2541								0.3263512	0.762378	-1.31005	0.000382814	0.205818	-4.87377	0.0115914	1.75626	1.75626	0.00931209	0.414661	-2.41161	10.9166	12.3224	1.00336	1
cg25400948	GPSM3	0.0204277	0.273856	1.21142	1.21142	0.0756779	0.716739	-1.39521	0.3486823	0.749888	-1.17649	0.899562	0.1215	1.0215	0.07898987	1.3801	1.3891								0.0741247	1.715178	-1.39825	0.000978474	0.437841	-2.28393	0.354605	0.881251	-1.17397	0.821165	0.962581	-1.03887	4.67083	2.09886	0.399426	1
cg23859630	GPSM3	0.0206514	0.519035	1.73866	-1.3538	0.032007	0.312171	-3.20337	0.333628	0.629953	-1.58742	0.98426	0.9909	-1.00918	0.7414453	0.857768	-1.16582								0.5275565	1.34527	1.34527	0.0013907	0.155557	1.00557	0.00497663	0.178568	-5.60093	0.65353	0.82656	3.02292	1			
cg18723553	GPSM3	0.0073623	0.0016636	-1.35126	0.0128384	0.278107	-3.59496	0.8194822	0.9999999	1.00E-07	0.9999999	1.00E-07	0.9999999	1.00E-07	0.9999999	1.00E-07	0.9999999	1.00E-07							0.6518077	0.79849	-1.25236	0.0185534	0.346931	-2.88242	0.0761052	0.37616	-2.65844	0.0062375	0.170897	-5.85149	4.24735	16.5082	3.45485	1
cg19555708	GPSM3	0.0282906	0.8646279	0.970303	-1.03061	0.3965368	0.857808	-1.16576	0.0418383	0.660721	-1.51335	0.706103	1.06922	1.06922	0.514175	1.12398	1.12398								0.0237007	0.620592	-1.61136	0.00291201	0.205839	0.20583	0.986112	1.00308	1.00308	0.307518	0.829758	-1.20517	4.17257	2.06267	0.439414	1
cg19619738	GPSM3;GPSM3	0.0380394	0.9010099	0.974173	-1.02651	0.0385667	0.1293567	-1.4161	0.0705385	0.656638	-1.52291	0.840194	0.959612	-1.04209	0.7688322	0.940493	-1.06327								0.31715	0.806336	-1.24007	0.00189098	2.51561	2.5156	0.642282	1.11158	1.11158	0.546247	0.880778	-1.13536	3.75172	2.57663	0.610004	1
cg24584603	GPSM3;GPSM3	0.0437568	0.375624	0.858004	-1.16711	0.0023977	0.486786	-2.05429	0.00923541	0.570262	-1.75358	0.167163	0.778576	-1.2844	0.2938	0.831036	-1.20332								0.3806846	0.858276	-1.16513	0.515223	1.11263	1.11263	0.679673	0.931863	-1.07312	0.143236	0.765387	-1.30653	3.56263	1.52697	0.406583	1
cg21268163	GPSM3;NOTCH4	3.12E-05	0.1374	0.714133	-1.4003	0.640863	0.905864	-1.10392	0.00726724	2.07228	2.07228	6.02E-07	0.0556739	-17.9617	0.602062	1.11707	1.11707								0.1868555	1.34236	1.34236	0.00530344	0.4615515	-2.16678	0.405	0.83586	-1.19637	0.000328842	0.29502	-3.38961	10.1443	21.1415	0.623416	1
cg20301953	GPSM3;NOTCH4	0.00035367	0.00207236	1.59078	1.59078	0.0185495	0.1695267	-1.4647	0.00760754	0.559671	-1.66758	0.177728	0.970999	-1.00299	0.9151206	0.978557	1.03169								0.0107862	0.716722	-1.39526	0.271125	1.14663	1.14663	0.00365749	0.839571	1.83912	0.189112	0.757315	2.60435	7.85152	6.1522	0.415241	1
cg19365884	GPSM3;NOTCH4	0.00249044	0.184579	0.460228	-2.17284	0.598331	1.34065	1.34065	0.780827	0.857431	-1.16627	7.19E-05	0.0185381	-53.9431	7	7	7								0.0349924	0.2579988	-3.876	0.473883	1.49443	1.49443	0.0940898	0.362381	-2.75953	0.0782527	2.94112	0.426929	39.5832	4.28098	1	
cg04784132	GPSM3;NOTCH4	0.00519783	0.624781	1.82136	-1.55993	0.0234565	0.4284	-2.43815	0.0178482	0.4644	-2.16041	0.0864811	0.563581	-1.76809	0.0171851	0.417365	-2.39599								0.0002441948	0.0683668	-6.21647	0.0421495	1.34142	1.3434	0.0482995	1.18159	1.18159	0.2782308	0.710424	1.27502	18.4024	12.7202	1	
cg20229784	GPSM3;NOTCH4	0.00553815	0.0839215	0.876915	-1.14036	0.953211	0.995978	-1.00404	0.432407	1.05656	1.05656	0.00656063	1.27441	1.27441	0.00315077	1.31933	1.31933								0.017967	0.820814	-1.2183	0.169739	0.904437	-1.10566	0.0454448	0.854219	-1.17066	0.0397676	1.17734	1.17734	7.11244	0.531272	0.0663965	1
cg10430123	GPSM3;NOTCH4	0.00905098	0.00550303	0.63185	-1.58265	0.0232556	1.40666	1.40666	0.141866	1.10368	1.10368	0.890079	0.982754	-1.01755	0.0223141	0.708586	-1.41126								0.0379233	1.35362	1.35362	0.0546622	1.31549	1.31549	0.183161	1.19444	1.19444	0.015614	1.45201	1.45201	0.33148	1.587	1.587	0.222802	1
cg20449678	GPSM3;NOTCH4	0.0141752	0.504992	1.2135	1.2135	0.0246833	0.2216329	-2.66386	0.871962	1.02456	1.02456	0.844303	0.970861	-1.03002	0.4487258	1.07062	-1.23561								0.0621764	1.37548	1.37548	0.0034837	0.4225503	-2.36685	0.0857909	0.41859	-2.38914	0.0622375	0.170897	-5.85149	4.24735	16.5082	3.45485	1
cg18279886	GPSM3;NOTCH4	0.0193661	0.0264073	0.770154	-1.29844	0.0996227	0.38418	1.38418	0.332721	1.10421	1.10421	0.497225	0.933909	-1.07077	0.91204	0.991574	1.0085								0.4084444	0.919543	1.0875	0.480585	1.07372	1.07372	0.884607	0.985696	-1.01451	0.00277935	1.55055	1.55055	4.75375	0.740982	0.138554	1
cg16513225	GPSM3;NOTCH4	0.0230892	0.0262809	0.870008	-1.48146	0.0388223	1.42861	1.42861	0.1911	1.08274	1.08274	0.761373	0.956321	-1.04709	0.7424922	1.07809	-1.08402								0.3197054	0.866462	-1.15412	0.0030196	0.1681557	-6.24402	0.23235	0.553257	-1.80097	0.0972612	1.15011	1.44987	5.17804	0.313183	1	
cg09246347	GPSM3;NOTCH4	0.0240687	0.724866	0.946194	-1.05687	0.0433525	0.143861	1.43861	0.072821	1.36782	1.36782	0.787763	0.958646	-1.04314	0.5232	1.10657	1.10657								0.3691552	1.1553	1.1553	0.013331	0.618873	-1.61583	0.360312	0.158548	1.1588	0.00383054	1.84066	1.84066	4.60153	1.71287	0.344856	1
cg05658046	GPSM3;NOTCH4	0.0156139	0.830968	0.970595	-1.0303	0.00625494	1.64453	1.64453	0.960917	0.993182	-1.00687	0.401266	0.886964	-1.12744	0.05128417	0.733549	-1.36323								0.5765044	0.924245	-1.08196	0.0140623	0.654905	-1.52694	0.2975337	1.16274	1.16274	0.572425	1.0829	1.0829	1.18426	1.18642	0.274431	1
cg26301953	GPSM3;NOTCH4	0.0410864	0.723822	0.908378	-1.10048	0.0828239	0.1035048	1.19845	0.147852	1.15623	1.15623	-1.20247	0.9856241	1.5924	0.1995703	1.23073	1.23073								0.1625151	1.19479	1.19479	0.3454847	1.2570081	1.25701	0.1528863	1.52865	1.52865	0.0044224	2.35799	2.35799	5.6409	2.87635	0.701077	1
cg00515162	GPSM3;NOTCH4;GPSM3	0.00145619	0.0855755	0.5687	-1.7584	0.438079	1.26481	1.26481	0.171603	1.54073	1.54073	0.509534	1.21983	1.21983	0.673844	1.13397	1.13397								0.975012	0.9907041	-1.00935	1.48E-06	0.0266452	-37.5302	0.040808	0.694393	-1.44011	0.259789	1.41784	1.41784	20.0162	27.9643	1.24186	1
cg17465115	GPT	0.0023275	0.0147851	0.3126	-3.19863	0.0166565	0.2484	-4.02657	0.0004665	0.0014591	1.14147	0.187181	0.254434	1.25434	0.0001602	0.388367	2.57483								0.0002441948	0.0683668	-6.21647	0.0421495	1.34142	1.3434	0.0482995	1.18159	1.18159	0.2782308	0.710424	1.27502	18.4024	12.7202	1	
cg11617144	GPT	0.0028769	0.0485567	2.51897	2.51897	0.00473084	0.65779	4.65779	0.0283705	2.88917	2.88917	0.00422624	4.8084	4.8084	0.00208444	0.169283	5.90725								0.455462	1.36571	1.36571	0.00461735	4.68971	4.68971	0.0596774	2.39009	2.39009	0.913042	1.04581	1.04581	8.7187	23.2129	2.36661	1
cg15640870	GPT	0.00367371	0.0312171	1.66876	1.66876	0.0123315	1.87989	1.87989	0.0546025	1.55531	1.55531	0.992932	1.0018	1.0018	0.0945941	1.45091	1.45091								0.0017185	2.4639	2.4639	0.00735643	2.82628	2.82628	0.0241178	1.72424	1.72424	0.0010346	2.67626	2.67626	0.65022	5.23539	0.577664	1
cg20185216	GPT	0.0008069	0.0208842	1.92415	1.92415	0.0124321	1.51393	1.51393	0.1854	1.25235	1.25235	0.0526	1.02526	1.02526	0.2308212	2.04396	2.04396								0.4314331	1.1248	1.1248	0.1965795	1.2484	1.2484	0.0857909	1.41859	1.41859	0.0117174	2.26797	2.26797	0.0253203	2.11605	5.94703	0.74501	1.13877	2
cg08815230	GPT	0.0145381	0.0796572	0.766992	-1.30379	0.833257	1.02917	1.02917	0.118969	0.793915	-1.25958	0.764643	1.0418	1.0418	0.075261	0.76329	-1.31012								0.0467487	1.36411	1.36411	0.00115857	1.91712	1.91712	0.30874	0.866175	-1.1545	0.780003	0.962533	-1.03893	5.23448	1.54188	0.261833	1
cg07496106	GPT2;GPT2	0.0005646	0.4839941	1.72792	1.72792	0.0373396	0.3632	1.5122	1.54122	0.979182	1.0116	1.0116	0.2434522	1.72422	1.2795408	0.9439	-1.06008								0.3583944	1.2444	1.2444	0.1340467	1.5372	1.5372	0.1627281	1.30749	1.30749	0.1137	1.51727	0.2627281	1.3074	37.61	2.80583	1
cg06573856	GPT2;GPT2	0.0104324	0.0297241	1.5653572	-1.7744	0.00130359	1.336247	2.97401	0.00326004	0.272063	-3.67607	0.0295154	0.552841	-1.80884	0.70368	0.917914	-1.08943								0.9564338	0.02132	1.01232	0.000991455	2.99417	2.99417	0.0754953	0.646397	-1.54704	0.0411575	0.843252	-1.18589	11.626	0.25	0.707224	1
cg06689688	GPT2;GPT2	0.0026013	0.222727	1.1458	1.1458	0.0226087	1.33643	1.33643	0.971252	1.00384	1.00384	0.101757	1.2096	1.2096	0.620596	1.05444	1.05444								0.0304612	0.763256	-1.31018	0.000269482	0.530065	-1.88656	0.0119648	1.39526	1.39526	0.0078911	1.23136	1.23136	8.92694	1.59536	0.158856	1
cg07496106	GPT2;GPT2	0.0400888	0.0705059	1.03557	1.03557	0.0231436	0.2966	-1.33153	0.0716	1.10216	1.10216	0.726	1.10726	0.9131931	0.6647	1.10726	0.9131931	-1.08297							0.0202004	1.56314	-1.7658	0.0177384	1.80526	1.80526	0.0018915	2.62422	2.62422	0.815706	0.953707	1.04854	8.54264	0.580235	1	
cg00597366	GPT2;GPT2	0.0056874	0.0371904	1.3344	1.3344	0.02915	0.943755	-1.0956	0.0681265	0.784261	-1.27508	0.048345	0.764623	-1.30783	0.00375569	0.530545	1.88485								0.538338	0.76093	1.07693	0.39169	1.11004	1.11004	0.120755	0.818585	-1.22162	0.0227911	1.38288	1.38288	0.05463	1.58118	0.19923	1
cg05780543	GPT2;GPT2	0.0054296	0.0494911	1.3236	1.3236	0.0242	0.9642	-1.03662	0.0127268	0.724	1.37268	0.0294363	1.15453	1.15453	0.163883	1.94598	1.94598								0.2448259	1.71713	1.71713	0.0400545	1.6505	1.6505	0.0003186362	1.87778	1.87778	0.0167	1.66872	1.66872	0.20658	1.58118	0.26828	1	
cg00270787	GPT2;GPT2	0.0194892	0.0029752	3.15951	3.15951	0.103008	2.604453	-1.65439	0.385	1.28581	1.28581	0.0041958	2.95192	2.95192	0.0584983	1.8282	1.8282								0.89336	1.03866	1.03866	0.4448	0.802629	-1.24591	0.48321	1.22278	1.22278	0.379607	1.28969	1.28969	4.74604	5.98821	1.12154	1
cg00710971	GPT2;GPT2	0.0211492	0.945484	1.10899	1.10899	0.0087675	0.1177542	-1.52915	0.894686	1.03561	-1.06881	0.0552019	3.51361	3.51361	0.0151886	2.017029	-4.40268								0.5338338	1.07693	1.07693	0.39169	1.11004	1.11004	0.120755	0.818585	-1.22162	0.0227911	1.38288	1.38288	0.05463	1.58118	0.19923	1
cg02524684	GPT2;GPT2	0.0388027	0.5458635	1.20398	1.20398	0.2297247	0.705493	-1.41745	0.1519723	1.24542	1.24542	0.695794	-1.43721	0.3223664	0.1980814	2.01462	-1.98021								0.3365303	0.510322	-1.95955	0.467605	1.72618	1.72618	0.0002	2.10354	2.10354	0.610685	1.6375	1.6375	4.51625	0.07886	1	
cg00533472	GPT2;GPT2;GPT2	0.0035303	0.0273042	2.78833	2.78833	7	7	7	0.135393	0.531566	-1.88123	0.0187615	3.05925	3.05925	0.0274538	0.359119	-2.78459								0.7825151	0.897061	-1.11475	0.000687561	0.1306551	-7.654	0.511528	0.769944	-1.29879	0.0492977	2.41339	2.41339	3.32902	18.0772	2.17039	1
cg06613840	GPX1;GPX1	0.0123384	0.2133334	0.858851	-1.16477	0.000107303	0.392756	-2.54611	0.0026251	0.197345	-5.06753	0.0023156	1.83037	0.2768885	0.0013871	0.183176	-5.45907								0.2598634	1.15833	1.15833	0.0254845	1.75102	1.75102	0.0662047	1.45398	1.45398	0.0449062	1.52865	1.52865	0.00442224	2.35799	2.35799	5.6409	2.87635	0.701077	1
cg16429819	GPX1;GPX1	0.0024677	0.0405435	0.869839	-1.14964	5.61E-05	0.290074	-3.4474	0.0064338	0.55666	-1.79643	0.252924	0.820878	-1.21821	0.219018	1.23822	1.23822								0.103436	1.34231	1.34231	0.4622705	0.8704278	0.8704278	-1.13833	0.617068	0.920051	-1.0869	0.451271	0.881364	-1.13461	0.06661	3.92331	0.38464	1
cg05551922	GPX1;GPX1	0.0030433	0.729406	1.04085	1.04085	0.0268635	0.5132406	-1.87827	0.3787231	1.28955	1.28955	0.749783	0.963517	-1.03786	0.008371	0.678151	-1.4746								0.0485457	1.29665	1.29665	0.4756556	1.08703	1.08703	0.0063133	0.663642	-1.50684	0.197207	1.17019	1.17019	8.52178	1.79382	0.18711	1
cg00786387	GPX1;GPX1	0.0190093	0.364109	0.841183	-1.18893	0.32557	1.15679	1.15679	0.0160244	1.58589	1.58589	0.196559	0.92621	-1.07961	0.4199905	0.8484479	-1.12552								0.1884878	0.979427	-1.02101	0.345746	1.14946	1.14946	0.0013153	0.919604	1.61884	0.148672	1.24936	1.24936	3.97267	1.21206	0.289834	1
cg18642234	GPX1;GPX1;GPX1	0.0035269	0.0038169	0.153585	-4.43564	0.522959	0.825996	-1.21066	0.428322	1.26934	1.26934	0.298585	0.582678	-1.71621	0.167505	0.647636	-1.54408								0.600064	0.855176	-1.16908	0.254031	0.703491	-1.42148	0.0559417	0.527625	-1.89529	0.00055374	2.05381	4.86889	0.15517	11.2612	1.22743	1
cg19502457	GPX2	0.0014482	0.0128712	0.354557	-2.82033	0.0133203	0.3083	-3.2443	0.0136359	0.738278	1.35366	0.0174691	0.8092737	-1.23569	0.0024036	0.414007	-2.41557								0.0014606	0.585776	-1.70722	0.0042	0.649323	-1.53995	0.0178863	1.00409	1.03409	0.0368991	0.77518	2.00407	0.2508158	0.691681	1	
cg10880599	GPX2	0.0016392	0.928885	1.02837	1.02837	0.0849692	0.550523	-1.81645	0.000590958	0.189591	-5.2745	0.0102465	0.362716	-2.75697	0.000122178	0.12228	-8.17794								0.592143	0.844117	-1.18467	0.978997	1.00828	1.00828	0.97788	1.00873	1.00873	0.00331567	0.28558	-3.50365	10.2148	15.8863	1.38242	1
cg20764656	GPX2	0.0210606	0.6202424	1.61233	1.61233	0.0426342	1.32837	1.32837	0.6339355	0.842093	-1.18638	0.0542232	0.453345	-2.20583	0.0107839	0.31354	-3.18938								0.173368	0.0459119	1.6807	0.0442725	0.7638313	1.30922	0.128002	1.31944	1.31944	0.1814424	0.6654597	0.427077	-2.11427	5.88003	0.793015	1.84994	1	
cg18849169	GPX3	0.0064779	0.0218595	0.580512	-1.70937	0.353223	1.20454	1.20454	0.0144173	0.555643	-1.79972	0.0237808	1.69181	1.69181	0.14102	1.36139	1.36139								0.0261348	0.6724	1.48724	0.0119292	1.79556	1.79556	0.0749371	0.95572	1.95572	0.754499	0.944103	1.26022	6.17028	0.70161	0.534573	1	
cg11109721	GPX3	0.020315	0.6016224	0.935065	-1.06944	0.528469	0.921825	-1.0848	0.0227297	0.70642	-1.41559	0.32385	1.13868	1.13868	0.0427507	1.34619	1.34619								0.1541794	1.21462	1.21462	0.0019929	1.74431	1.74431	0.392809	0.89442	-1.11804	0.637906	1.0624	1.0624	4.67963	1.20409	0.228715	1	
cg22005145	GPX3	0.0141399	0.0150083	0.520884	-1.92107	0.0056433	0.1216171	-1.49181	0.0184403	0.56198	-1.77966	0.0020315	1.27214	1.27214	0.0040557	1.53961	1.53961								0.0237754	0.454742	-2.19905	0.0184403	0.6512283	1.53577	0.0040557	1.27214	1.27214	0.0040557	1.53961	1.53961	0.00503278	0.353806	2.82641	0.762926	0.493651	1.20064	2.8651	1	
cg10732871	GPX4;GPX4	0.0336577	0.134039	0.483144	-2.06978	0.95063	1.02827	1.02827	0.00700591	0.20809	-4.80561	0.932486	0.674103	-1.48345	0.068052	0.398549	-2.5091								0.4724425	0.719629	-1.3896	0.0046512	0.4186386	0.4186386	-1.54447	0.639757	0.808792	-1.23641	0.0132731	0.251212	-3.9807	3.92211	12.589	2.8531	1
cg04028147	GPX4;GPX4;GPX4	0.0054212	0.0028719	0.447154	-2.23591	0.0134553	0.1038	1.1038	0.0013	0.24893	-4.01803	0.0264605	0.5910151	0.3399	0.0018403	0.2529169	-3.95359								0.1963599	0.6874414	-1.45479	0.0019165	0.4209402	0.4209402	-2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07790947	GPX6	0.0357738	0.110286	0.465792	-2.14688	0.0184599	0.285172	-3.50666	0.340369	0.649636	-1.53932	0.309134	0.629986	-1.58734	0.479721	0.729498	-1.37081
cg11778252	GPX6	0.0401752	0.689006	1.1048	1.1048	0.878719	1.03856	1.03856	0.00175974	0.331498	-3.01661	0.453866	0.827769	-1.20807	0.547206	0.85992	-1.1629
cg16456252	GPX6;GPX6	0.000452694	0.165119	0.612284	-1.63323	0.000808275	0.187424	-5.33549	0.00132474	0.212853	-4.69807	0.0012833	0.211154	-4.73587	0.757423	1.1081	1.1081
cg12640469	GPX7	0.00248565	0.00138955	0.590891	-1.69236	0.433896	0.913321	-1.09491	0.0294211	0.747335	-1.33809	0.461696	0.918437	-1.08881	0.00891569	0.685361	-1.45909
cg09161043	GPX7	0.00285459	0.00159086	0.260186	-3.8434	0.00618443	0.346185	-2.88863	0.0909901	0.57515	-1.73868	0.0262561	0.456952	-2.18841	0.000438249	0.191979	-5.20891
cg03330022	GPX7	0.00543173	0.495965	1.33083	1.33083	0.0780262	0.445067	-2.24686	0.616688	1.232	1.232	0.358178	0.676628	-1.47792	0.00588466	0.225374	-4.43707
cg20950465	GPX7	0.00760935	0.999242	0.999822	-1.00018	0.819206	1.0437	1.0437	0.376528	0.844042	-1.18478	0.235802	1.26128	1.26128	0.900974	1.02353	1.02353
cg18087326	GPX7	0.0289257	0.027705	0.564525	-1.7714	0.825577	0.952667	-1.04969	0.635474	0.900404	-1.11061	0.497139	0.859457	-1.16352	0.172181	0.726687	-1.37611
cg11953272	GPX7	0.0498447	0.204342	1.18941	1.18941	0.361752	0.885675	-1.12908	0.0213804	1.43061	1.43061	0.543959	0.92354	-1.08279	0.303972	1.14783	1.14783
cg09554798	GRAMD1A;GRAMD1A	0.0005694	0.57051	0.89395	-1.11863	0.499134	1.14357	1.14357	0.870927	1.03231	1.03231	0.711203	0.929862	-1.07543	1.37E-05	0.169266	-5.90785
cg12150039	GRAMD1A;GRAMD1A	0.0117613	0.123922	0.450528	-2.21962	0.0028304	7.15242	7.15242	0.00639647	5.46204	5.46204	0.269244	1.73429	1.73429	0.352393	0.63258	-1.58083
cg02943665	GRAMD1A;GRAMD1A	0.0135185	0.619678	0.858744	-1.16449	0.0171009	2.42228	2.42228	0.121689	0.600087	-1.66643	0.982675	1.00663	1.00663	0.765216	0.912872	-1.09544
cg07759570	GRAMD1A;GRAMD1A	0.0142626	0.0183694	0.294566	-3.39482	0.698252	1.18107	1.18107	0.333083	1.53191	1.53191	0.00155449	0.14323	-6.98176	0.152909	0.520005	-1.92306
cg22045942	GRAMD1A;GRAMD1A	0.0195363	0.447857	0.689724	-1.44986	0.00722564	5.28364	5.28364	0.0141829	4.27663	4.27663	0.636795	1.25659	1.25659	0.991407	1.00518	1.00518
cg05543458	GRAMD1B	2.43E-05	0.0100747	0.587848	-1.70112	?	?	?	0.00091714	0.419128	-2.38591	0.00121704	0.438789	-2.279	0.2005	1.22925	1.22925
cg04379095	GRAMD1B	0.00111922	0.79451	1.07081	1.07081	0.00196048	0.317532	-3.14929	0.0426672	1.84339	1.84339	0.914455	1.02856	1.02856	4.46E-05	0.131822	-7.586
cg15268963	GRAMD1B	0.0131626	0.923305	0.978851	-1.02161	0.284855	1.27968	1.27968	0.0168262	0.523339	-1.91081	0.0295956	0.566333	-1.76575	0.00215588	0.384345	-2.60183
cg05506209	GRAMD1B	0.0180908	0.934572	1.03245	1.03245	0.672497	0.847578	-1.17983	0.695062	1.16559	1.16559	0.407672	1.39016	1.39016	0.000385951	0.11052	-9.04817
cg09951320	GRAMD1B	0.0338502	0.958423	0.962869	-1.03856	0.00201989	23.592	23.592	0.00776466	11.9558	11.9558	0.427735	0.555615	-1.79981	0.976868	1.02127	1.02127
cg12461287	GRAMD1B	0.0365042	0.599174	1.09194	1.09194	0.0737819	1.39173	1.39173	0.776475	0.953888	-1.04834	0.217323	0.806327	-1.24019	0.417216	0.871532	-1.1474
cg22088645	GRAMD1C	6.72E-05	0.0275973	1.27515	1.27515	2.38E-06	2.91603	2.91603	0.297044	0.904043	-1.10614	0.000164408	1.82117	1.82117	0.192436	0.879215	-1.13738
cg00121148	GRAMD1C	9.44E-05	0.877983	1.01662	1.01662	0.00207922	0.628125	-1.59204	0.0935163	1.21886	1.21886	0.642951	0.951143	-1.05137	0.453285	1.08543	1.08543
cg07588614	GRAMD1C	0.000342838	0.207324	1.12607	1.12607	0.0265672	0.790785	-1.26457	0.508792	1.06168	1.06168	0.524786	0.944077	-1.05924	0.0628914	0.82957	-1.20544
cg26402422	GRAMD1C	0.000346397	0.00534194	0.504961	-1.98035	0.446889	1.15529	1.15529	0.0748003	0.691071	-1.44703	0.00119994	2.41954	2.41954	0.000858232	0.393701	-2.54
cg11143158	GRAMD1C	0.000464614	0.0184566	1.55442	1.55442	0.180383	0.802892	-1.2455	0.00331076	1.85405	1.85405	0.0207636	1.53666	1.53666	0.105461	1.31386	1.31386
cg16854049	GRAMD1C	0.0010739	0.58898	1.09085	1.09085	0.0008892	0.452217	-2.21133	0.00437583	0.545129	-1.83443	0.0665834	0.720424	-1.38807	0.00232717	0.507728	-1.96956
cg12190048	GRAMD1C	0.00142878	0.211802	0.74051	-1.35042	0.000291132	3.85435	3.85435	0.754661	1.07422	1.07422	0.0649888	1.60523	1.60523	0.00133307	0.344567	-2.9022
cg15655154	GRAMD1C	0.00148213	0.199096	0.836028	-1.19613	0.369652	0.885498	-1.12931	0.16908	0.824169	-1.21334	0.917979	0.986496	-1.01369	0.319291	1.1455	1.1455
cg18700146	GRAMD1C	0.00210045	0.687335	1.05899	1.05899	5.51E-05	0.345322	-2.89585	0.0196195	0.67073	-1.49091	0.251901	1.18477	1.18477	0.69085	0.944948	-1.05826
cg13897145	GRAMD1C	0.00221053	0.0136725	1.2471	1.2471	0.245743	0.915847	-1.09189	0.00556667	0.768216	-1.30172	0.113341	1.13288	1.13288	0.000553504	1.47423	1.47423
cg20917943	GRAMD1C	0.00363266	0.0212144	0.750705	-1.33208	0.34747	0.904716	-1.10532	0.120302	0.839938	-1.19056	0.137894	0.847577	-1.17983	0.0894203	0.823782	-1.21391
cg24685477	GRAMD1C	0.0101445	0.00435121	0.317381	-3.15078	0.226247	1.4663	1.4663	0.15446	0.631836	-1.58269	0.29649	0.721761	-1.3855	0.00788691	0.358206	-2.79169
cg16211438	GRAMD1C	0.0408349	0.0288622	2.44672	2.44672	0.0279797	0.405965	-2.46327	0.0227854	0.388211	-2.57592	0.864914	0.942593	-1.0609	0.179372	0.609449	-1.64083
cg26169558	GRAMD1C	0.0438825	0.186069	0.847518	-1.17992	0.143659	0.830757	-1.20372	0.0244087	1.3723	1.3723	0.851572	0.978138	-1.02235	0.413046	1.1038	1.1038
cg00192962	GRAMD1C	0.0475189	0.0629217	0.753844	-1.32653	0.261389	0.853693	-1.17138	0.883523	1.02	1.02	0.688262	0.946987	-1.05598	0.0518847	0.741741	-1.34818
cg27032813	GRAMD2	0.00694426	0.00614113	0.471944	-2.1189	0.0546231	1.58072	1.58072	0.379838	0.827617	-1.20829	0.711067	1.08128	1.08128	0.00146954	0.381256	-2.62291
cg02672737	GRAMD2	0.0190518	0.0456804	3.68893	3.68893	0.0210781	4.85758	4.85758	0.68754	1.25904	1.25904	0.0141817	5.60731	5.60731	0.189406	0.452937	-2.20781
cg01764954	GRAMD2	0.0456044	0.0805287	6.04468	6.04468	0.0284586	11.0238	11.0238	0.456766	2.02073	2.02073	0.0194798	13.7525	13.7525	0.136515	0.225617	-4.43229
cg25315806	GRAMD3	0.00118819	?	?	?	0.00227018	0.32725	-3.05577	0.00277508	0.343944	-2.90745	?	?	?	0.000592216	0.223104	-4.48221
cg01214175	GRAMD3	0.0241567	0.672596	0.918872	-1.08829	0.00573288	0.486308	-2.05631	0.131627	0.723272	-1.38261	0.0851114	0.684584	-1.46074	0.0234269	1.71425	1.71425
cg26107055	GRAMD3	0.0266391	0.0271404	1.46917	1.46917	0.118359	0.779277	-1.28324	0.0111947	0.626533	-1.59608	0.277858	0.84706	-1.18055	0.120567	0.780629	-1.28102
cg11241750	GRAMD3	0.0394116	0.0155602	0.163065	-6.13252	0.917117	1.0657	1.0657	0.474623	0.641153	-1.55969	0.0642952	0.280612	-3.56364	0.00354288	0.089248	-11.2047
cg03594790	GRAMD3	0.049322	0.255678	1.27282	1.27282	0.00169728	2.48805	2.48805	0.248263	1.27811	1.27811	0.940844	1.0152	1.0152	0.404695	0.840858	-1.18926
cg05593759	GRAMD3;GRAMD3	0.0299249	0.304995	1.16139	1.16139	0.00787754	0.618683	-1.61634	0.216686	0.832689	-1.20093	0.404534	0.886805	-1.12764	0.40394	1.12782	1.12782
cg14819242	GRAMD3;GRAMD3;GRAMD3;GRAMD3	0.00148702	0.100155	0.768952	-1.30047	0.000948942	2.0516	2.0516	0.732976	0.95128	-1.05121	0.913395	0.984258	-1.01599	0.000161397	0.390801	-2.55885
cg08569425	GRAMD3;GRAMD3;GRAMD3;GRAMD3	0.00628237	0.0699408	0.523517	-1.91016	0.03365	0.45274	-2.20877	0.00385515	0.288346	-3.46806	0.205467	0.652715	-1.53206	0.00141174	0.228543	-4.37555
cg06609646	GRAMD3;GRAMD3;GRAMD3;GRAMD3	0.0204377	0.0577324	0.563476	-1.7747	0.0430689	0.536721	-1.86316	0.0156157	0.452707	-2.20894	0.0662414	1.73459	1.73459	0.00619464	0.385108	-2.59667
cg02427576	GRAMD3;GRAMD3;GRAMD3;GRAMD3; GRAMD3	0.00192537	0.00345667	0.435157	-2.29802	0.000790279	0.345437	-2.89488	0.0123291	0.520427	-1.9215	0.0245599	0.570486	-1.75289	0.00454317	0.452814	-2.20841
cg02730804	GRAMD3;GRAMD3;GRAMD3;GRAMD3; GRAMD3	0.00441259	0.000391997	2.39977	2.39977	0.414171	0.878678	-1.13807	0.729552	1.05525	1.05525	0.397116	1.14379	1.14379	0.705499	0.942872	-1.06059
cg04077850	GRAMD3;GRAMD3;GRAMD3;GRAMD3; GRAMD3	0.0113278	0.0197079	0.276885	-3.61161	0.0123155	0.24146	-4.14148	0.0309644	0.315105	-3.17355	0.0904729	0.427221	-2.34071	0.0172797	0.26656	-3.7515
cg01977473	GRAMD3;GRAMD3;GRAMD3;GRAMD3; GRAMD3	0.0262752	0.437771	1.35196	1.35196	0.000811971	6.84857	6.84857	0.0269219	2.71382	2.71382	0.345696	1.44773	1.44773	0.700008	0.862858	-1.15894
cg09836395	GRAMD3;GRAMD3;GRAMD3;GRAMD3; GRAMD3	0.0297166	0.358693	1.15938	1.15938	0.308084	1.17976	1.17976	0.707854	0.94272	-1.06076	0.41554	0.877747	-1.13928	0.000777371	0.450793	-2.21831
ch.5.2294535F	GRAMD3;GRAMD3;GRAMD3;GRAMD3; GRAMD3	0.0323186	0.00401682	0.065458	-15.277	?	?	?	0.0386904	0.184735	-5.41317	0.0956867	0.275029	-3.63599	0.0159893	0.124885	-8.00738
cg22195011	GRAMD3;GRAMD3;GRAMD3;GRAMD3; GRAMD3;GRAMD3;GRAMD3	0.00066287	8.81E-05	0.713607	-1.40133	0.603201	1.0255	1.0255	0.273564	0.946756	-1.05624	0.000142299	0.729767	-1.3703	0.201514	0.937285	-1.06691
cg14572705	GRAMD4	0.000102192	0.977235	0.996708	-1.0033	0.322321	0.88858	-1.12539	0.001318	0.582736	-1.71604	4.77E-05	0.412723	-2.42293	8.72E-06	0.327646	-3.05207
cg00938380	GRAMD4	0.000292747	0.710441	1.05636	1.05636	8.19E-06	0.238878	-4.18624	0.0132718	0.636897	-1.57011	0.772225	0.958228	-1.04359	0.0032183	0.553751	-1.80587
cg17580567	GRAMD4	0.0015603	0.481682	1.10727	1.10727	0.318919	1.15808	1.15808	0.115178	0.783447	-1.27641	0.00485579	1.70255	1.70255	0.459023	0.898142	-1.11341
cg09741298	GRAMD4	0.00180243	0.245143	0.796269	-1.25586	0.00122002	0.411943	-2.42752	0.00384822	0.481948	-2.07491	0.143161	1.34294	1.34294	0.000355819	0.34154	-2.92791
cg13788891	GRAMD4	0.00305806	0.0131243	0.563826	-1.7736	0.489172	1.13984	1.13984	0.000301302	0.334589	-2.98874	0.158058	0.754916	-1.32465	0.000528585	0.365801	-2.73373
cg24688909	GRAMD4	0.00370426	0.906078	1.01144	1.01144	0.000342005	1.74314	1.74314	0.34541	1.09816	1.09816	0.0765448	1.20905	1.20905	0.128575	0.853613	-1.17149
cg00801716	GRAMD4	0.00378448	0.00535084	0.349295	-2.86291	0.0154457	0.426558	-2.34435	0.0108642	0.399717	-2.50177	0.987875	1.00437	1.00437	0.00220529	0.292194	-3.42239
cg00319157	GRAMD4	0.0039662	0.00283553	0.655997	-1.5244	0.0070012	0.699259	-1.43009	0.0154939	0.737415	-1.35609	0.759059	0.968935	-1.03206	0.127509	0.844475	-1.18417
cg21811450	GRAMD4	0.0068255	0.10093	1.54288	1.54288	0.00934664	0.451265	-2.21599	0.0446322	0.573191	-1.74462	0.102419	0.649587	-1.53944	0.211412	1.37411	1.37411
cg08773466	GRAMD4	0.00907465	0.93543	1.01494	1.01494	0.184962	1.29345	1.29345	0.0873346	0.707892	-1.41264	0.254578	1.24324	1.24324	0.000709169	0.389025	-2.57053
cg09233980	GRAMD4	0.0153517	0.264308	0.821687	-1.21701	0.203391	0.797222	-1.25436	0.0732073	0.713736	-1.40108	0.011048	0.583916	-1.71257	0.813716	0.960939	-1.04065
cg26058289	GRAMD4	0.0236806	0.699745	1.06216	1.06216	0.0235064	1.52351	1.52351	0.553237	1.09783	1.09783	0.561919	1.09555	1.09555	0.26622	0.835043	-1.19754
cg03873518	GRAMD4	0.0253522	0.442919	0.906962	-1.10258	0.221095	1.17417	1.17417	0.00088	0.536628	-1.86349	0.573207	1.07364	1.07364	0.259972	0.863573	-1.15798
cg12853158	GRAMD4	0.0257402	0.165032	0.622842	-1.60554	0.00451164	0.298184	-3.35363	0.95833	1.01684	1.01684	0.698285	0.882912	-1.13262	0.693347	1.13507	1.13507
cg04787750	GRAMD4	0.0333679	0.438887	0.795841	-1.25653	0.00193668	0.281234	-3.55576	0.0203209	0.445269	-2.24583	0.484773	1.22795	1.22795	0.0343028	0.489591	-2.04252
cg12649343	GRAMD4	0.0362874	0.0351398	0.648508	-1.542	0.0278131	0.632027	-1.58221	0.446803	0.872117	-1.14664	0.908158	0.979841	-1.02057	0.0147839	0.589015	-1.69775
cg11254192	GRAMD4	0.0418919	0.03054	0.571261	-1.75051	0.276851	0.77946	-1.28294	0.00541164	0.446444	-2.23992	0.329428	0.801135	-1.24823	0.0074522	0.468086	-2.13636
cg03858853	GRAP	0.00126285	0.0785697	0.65596	-1.52448	0.288149	0.78821	-1.2687	0.0559443	0.626689	-1.59569	0.971243	0.99225	-1.00781	2.44E-05	0.16312	-6.13047
cg03711562	GRAP	0.0355118	0.987641	0.996306	-1.00371	0.00940966	0.455466	-2.19556	0.129897	1.47822	1.47822	0.20822	1.37296	1.37296	0.142354	0.686079	-1.45756
cg17988310	GRAP2	0.00153553	0.00217341	0.362688	-2.75719	0.0313863	0.551429	-1.81347	0.00133693	0.333075	-3.00232	0.0024613	0.370476	-2.69923	0.111863	0.664832	-1.50414
ch.22.694298R	GRAP2	0.0147891	0.00978133	0.161964	-6.17421	0.0176188	0.200047	-4.99883	0.00912416	0.157903	-6.33299	0.130162	0.40213	-2.48676	0.0378136	0.261262	-3.82757
cg03840259	GRAP2	0.029952	0.0346329	0.358749	-2.78746	0.258051	0.611917	-1.63421	0.00188669	0.159884	-6.25454	0.0141072	0.28343	-3.52821	0.224094	0.587719	-1.70149
cg18545596	GRAP2	0.0331041	0.0116469	0.202624	-4.93524	0.0671029	0.353793	-2.82651	0.0543898	0.331154	-3.01974	0.0560352	0.334273	-2.99157	0.0055205	0.157768	-6.33842
cg26815454	GRAP2	0.0496228	0.25734	0.63796	-1.5675	0.107407	0.512663	-1.9506	0.00646307	0.260176	-3.84355	0.0481274	0.423644	-2.36047	0.0652411	0.455217	-2.19675
cg20147550	GRAPL	0.0154129	0.401309	0.849764	-1.1768	0.00566593	0.502654	-1.98944	0.607277	1.10323	1.10323	0.127409	1.36669	1.36669	0.0955143	0.706774	-1.41488
cg03910582	GRAPL	0.0276157	0.377418	0.810795	-1.23336	0.386154	0.814051	-1.22842	0.179996	0.719105	-1.39062	0.703314	1.09266	1.09266	0.589731	0.881556	-1.13436
cg06970510	GRASP	6.17E-07	1.53E-06	5.57925	5.57925	5.59E-05	2.8843	2.8843	0.000164845	2.47973	2.47973	5.50E-05	2.89132	2.89132	0.000408094	0.452006	-2.21236
cg19898258	GRASP	0.000334352	9.22E-05	0.239448	-4.17627	0.00341122	0.442757	-2.25858	0.00343597	0.443217	-2.25623	0.0139277	0.536895	-1.86256	0.000133879	0.257927	-3.87706
cg15994467	GRASP	0.000339996	0.000936674	3.67831	3.67831	0.000547444	4.12238	4.12238	0.0097676	2.36779	2.36779	0.405356	1.2518	1.2518	0.0365894	0.526885	-1.89795
cg07285764	GRASP	0.00435655	0.00296257	14.7607	14.7607	0.00581798	10.8446	10.8446	0.356789	1.86919	1.86919	0.0459083	4.52709	4.52709	0.00306086	14.537	14.537
cg06292124	GRASP	0.0100515	0.0252138	8.06449	8.06449	0.00563968	17.2744	17.2744	0.127668	3.63955	3.63955	0.0454327	6.04742	6.04742	0.00618073	16.4569	16.4569
cg09889291	GRASP	0.0101593	0.329588	1.37945	1.37945	0.779234	0.914071	-1.09401	0.353391	0.736911	-1.35702	0.266319	1.44817	1.44817	?	?	?
cg22566906	GRASP	0.0119509	0.00127428	0.291227	-3.43375	0.941383	1.01949	1.01949	0.0438969	0.544461	-1.83668	0.284322	0.746786	-1.33907	0.00648642	0.394979	-2.53178
cg04034767	GRASP	0.0161773	0.976036	1.00629	1.00629	0.684943	0.918392	-1.08886	0.128395	1.40917	1.40917	0.280805	0.791392	-1.2636	0.787446	1.05802	1.05802
cg09890213	GRASP	0.0374417	0.0327321	7.27607	7.27607	0.00967509	13.47	13.47	0.281905	2.43093	2.43093	0.959505	1.04116	1.04116	0.101513	4.15429	4.15429
cg05336198	GRB10	0.000123198	0.586696	0.873551	-1.14475	0.16976	0.697547	-1.43359	0.000164745	0.205597	-4.86388	0.303673	1.30002	1.30002	0.489029	0.841056	-1.18898
cg09150232	GRB10	0.00051185	0.0149841	1.44741	1.44741	0.0771669	1.275	1.275	0.00269908	1.66945	1.66945	1.96E-05	2.91644	2.91644	0.869205	1.02058	1.02058
cg03104936	GRB10	0.000609867	0.00240401	0.518999	-1.92679	0.000497996	0.429557	-2.32798	0.13844	0.780824	-1.2807	0.0441583	1.43137	1.43137	0.00486916	0.560478	-1.78419
cg01604051	GRB10	0.000906812	0.0020673	0.567649	-1.76165	0.00040856	0.480534	-2.08102	0.000829313	0.5184	-1.92901	0.132288	1.23618	1.23618	0.00143585	0.547942	-1.82501
cg25975369	GRB10	0.00151623	0.0141087	0.71805	-1.39266	0.322021	1.11835	1.11835	0.0725455	0.803276	-1.2449	0.0647945	0.797117	-1.25452	0.000143559	0.488528	-2.04696
cg26163537	GRB10	0.00211799	0.547893	1.15197	1.15197	0.68262	0.908785	-1.10037	0.140945	0.691836	-1.44543	0.0693447	0.623329	-1.60429	0.000226008	0.240076	-4.16535
cg16349612	GRB10	0.00333921	0.217556	1.19843	1.19843	0.300031	0.860827	-1.16167	0.531387	0.915334	-1.0925	9.12E-05	2.65293	2.65293	0.0668217	1.33206	1.33206
cg08835688	GRB10	0.00335689	0.386556	1.13673	1.13673	0.398814	0.88274	-1.13284	0.406068	0.884504	-1.13058	0.000226799	2.4231	2.4231	0.195908	1.21832	1.21832
cg06386517	GRB10	0.00395791	0.000240538	0.449365	-2.22536	0.852069	1.02488	1.02488	0.911167	0.985416	-1.0148	0.0112121	0.658167	-1.51937	0.524042	0.918518	-1.08871
cg06398390	GRB10	0.00482534	0.108485	0.806647	-1.2397	0.0556733	1.30487	1.30487	0.729217	0.958249	-1.04357	0.00677072	0.65003	-1.53839	0.105415	1.24247	1.24247
cg05493751	GRB10	0.00491648	0.76747	0.952829	-1.04951	0.0989646	1.34283	1.34283	0.0176785	1.60034	1.60034	0.414249	0.872838	-1.14569	0.00283186	0.511751	-1.95408
cg21517389	GRB10	0.00648442	0.295175	0.721868	-1.38529	0.424934	0.783005	-1.27713	0.0180437	0.422167	-2.36873	0.0432107	0.497488	-2.0101	0.000606314	0.204587	-4.88789
cg23742152	GRB10	0.0129047	0.514911	1.1288	1.1288	0.112329	0.728199	-1.37325	0.222627	1.26509	1.26509	0.000565609	2.66505	2.66505	0.200081	1.2819	1.2819
cg18454288	GRB10	0.015107	0.699229	1.18335	1.18335	0.510787	1.33541	1.33541	0.378965	0.676112	-1.47905	0.102744	0.461104	-2.16871	0.00132387	0.131973	-7.57732
cg12903171	GRB10	0.0196403	0.258512	1.28504	1.28504	0.0327499	0.587782	-1.70131	0.686501	0.917308	-1.09015	0.00337186	2.33549	2.33549	0.586294	1.124	1.124
cg06790324	GRB10	0.02183	0.774066	0.960605	-1.04101	0.041764	1.3878	1.3878	0.00985197	1.57696	1.57696	0.14063	0.801453	-1.24773	0.306695	0.862625	-1.15925
cg05998930	GRB10	0.0227511	0.281198	0.735755	-1.35915	0.431582	1.24598	1.24598	0.77621	1.08121	1.08121	0.00914131	2.47716	2.47716	0.923594	0.97406	-1.02663
cg27058667	GRB10	0.0235454	0.201463	0.7713	-1.29651	0.00325367	2.16501	2.16501	0.0605493	1.50285	1.50285	0.00546877	2.02047	2.02047	0.456924	1.15701	1.15701
cg25915982	GRB10	0.0296337	0.731008	0.932861	-1.07197	0.539255	1.13335	1.13335	0.846801	0.961796	-1.03972	0.00052402	2.97019	2.97019	0.478407	0.864903	-1.1562
cg24977055	GRB10	0.0345889	0.314035	0.828207	-1.20743	0.438867	0.866811	-1.15365	0.128399	1.34651	1.34651	0.0504712	1.49715	1.49715	0.0172881	1.69035	1.69035
cg09521872	GRB10;GRB10;GRB10	0.00166386	0.0221116	0.68956	-1.4502	8.89E-05	2.58701	2.58701	0.216823	0.838594	-1.19247	0.266891	0.854973	-1.16963	0.020477	1.45974	1.45974
cg03370077	GRB10;GRB10;GRB10	0.00674921	0.433857	0.864994	-1.15608	0.00205631	0.454495	-2.20024	0.399899	0.855128	-1.16941	0.0458141	0.659827	-1.51555	0.0010168	0.412694	-2.4231
cg25472458	GRB10;GRB10;GRB10	0.00702099	0.379549	0.830373	-1.20428	0.00059547	0.335232	-2.98301	0.0569604	0.641348	-1.55921	0.0508578	0.632108	-1.58201	0.692358	0.921271	-1.08546
cg00224523	GRB10;GRB10;GRB10	0.0125617	0.145326	0.791465	-1.26348	0.0717286	0.740294	-1.35081	0.964237	0.993317	-1.00673	0.657792	1.06895	1.06895	0.201828	0.81745	-1.22332
cg01495332	GRB10;GRB10;GRB10	0.0141232	0.366519	1.37306	1.37306	0.00438622	3.66989	3.66989	0.00188362	4.50811	4.50811	0.26581	0.672823	-1.48628	0.564852	1.22003	1.22003
cg12075949	GRB10;GRB10;GRB10;GRB10	0.000199892	0.1733	0.774179	-1.29169	0.11288	1.3564	1.3564	0.642055	1.08621	1.08621	0.612311	1.09448	1.09448	1.87E-06	0.123392	-8.10427
cg08586669	GRB10;GRB10;GRB10;GRB10	0.00250556	0.274318	0.823234	-1.21472	0.152504	1.29961	1.29961	0.000855952	0.424664	-2.3548	0.00235163	0.483931	-2.06641	0.0771063	0.71454	-1.3995
cg03466198	GRB10;GRB10;GRB10;GRB10	0.00333544	0.304477	0.791256	-1.26381	0.752248	0.932651	-1.07221	0.00701033	0.464116	-2.15463	0.00347661	0.417626	-2.39449	0.62122	1.1159	1.1159
cg14569352	GRB10;GRB10;GRB10;GRB10	0.00379882	0.102801	0.497468	-2.01018	0.183832	1.73595	1.73595	0.188298	0.579651	-1.72517	0.412777	0.72068	-1.38758	0.106431	0.501758	-1.99299
ch.7.1172609R	GRB10;GRB10;GRB10;GRB10	0.0161834	0.0155496	0.180758	-5.53225	0.00532609	0.120433	-8.30337	0.0018165	0.0776363	-12.8806	0.0771836	0.322142	-3.10422	0.0904951	0.341195	-2.93087
cg26812147	GRB10;GRB10;GRB10;GRB10	0.0170108	0.326155	0.838467	-1.19265	0.00641445	0.539965	-1.85197	0.0121637	0.58096	-1.72129	0.250652	0.811715	-1.23196	0.290354	0.826378	-1.2101
cg19725725	GRB10;GRB10;GRB10;GRB10	0.0341636	0.290854	1.20836	1.20836	0.264771	0.818168	-1.22224	0.676052	0.930009	-1.07526	0.460371	0.87829	-1.13858	0.403274	1.15914	1.15914
cg20732703	GRB10;GRB10;GRB10;GRB10	0.0398482	0.0160586	0.309478	-3.23124	0.0310351	0.36507	-2.7392	0.0659634	0.439954	-2.27297	0.588876	0.804777	-1.24258	0.0106935	0.278853	-3.58612
cg00294065	GRB10;GRB10;GRB10;GRB10	0.0423102	0.215606	0.830038	-1.20476	0.32044	1.15805	1.15805	0.453517	1.11532	1.11532	0.00264364	1.81232	1.81232	0.734591	0.952526	-1.04984
cg13311902	GRB10;GRB10;GRB10;GRB10	0.0462353	0.0655623	0.664337	-1.50526	0.930498	0.982886	-1.01741	0.579466	0.895144	-1.11714	0.68782	0.923179	-1.08321	0.879313	1.03052	1.03052
cg09692771	GRB14	2.58E-05	0.00901291	0.689631	-1.45005	0.0045446	0.655041	-1.52662	0.00107859	0.582583	-1.71649	0.271293	0.879698	-1.13675	0.000768885	0.565484	-1.7684
cg23178364	GRB14	0.000480137	0.569196	1.07001	1.07001	0.000465896	0.523457	-1.91038	0.00101063	0.563429	-1.77485	0.69267	1.04783	1.04783	8.35E-05	0.434894	-2.29941
cg15843818	GRB14	0.00652373	0.781564	1.02542	1.02542	0.000445267	1.64958	1.64958	0.172911	1.13996	1.13996	0.0292209	0.792908	-1.26118	0.326442	0.912557	-1.09582
cg04926134	GRB14;GRB14	0.00262309	0.0169542	0.712927	-1.40267	0.256427	0.871409	-1.14757	?	?	?	0.537822	0.930077	-1.07518	0.161201	1.1899	1.1899
cg00900735	GRB2;GRB2	7.71E-05	0.00248098	1.64767	1.64767	0.000162654	0.465788	-2.1469	0.000460504	0.519635	-1.92443	0.733073	1.04148	1.04148	2.11E-05	0.361538	-2.76596
cg25879514	GRB2;GRB2	0.000464334	0.601049	0.930578	-1.0746	0.870013	1.02259	1.02259	0.591214	0.92873	-1.07674	0.000207465	2.33248	2.33248	0.000267181	0.442225	-2.26129
cg16477417	GRB2;GRB2	0.00243075	0.00158934	0.534521	-1.87084	0.0545381	0.739762	-1.35179	0.0133879	0.65487	-1.52702	0.248681	1.18133	1.18133	0.81857	0.968746	-1.03226
cg13282068	GRB2;GRB2	0.00259524	0.0298319	0.736203	-1.35832	6.06E-05	2.42862	2.42862	0.466471	1.09284	1.09284	0.537882	0.927999	-1.07759	0.59909	0.938411	-1.06563

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07790947	0.0664042	0.405046	-2.46885	0.00388937	0.181475	-5.51041	0.00616661	0.208402	-4.79843	0.256578	0.594618	-1.68175	3.83661	11.7098	2.71299	1
cg11778252	0.00934954	0.441923	-2.26284	0.501481	0.844493	-1.18414	0.306161	0.769136	-1.30016	0.156193	0.686726	-1.45618	3.67721	3.57464	0.864095	1
cg16456252	0.0018287	0.230588	-4.33675	3.42E-05	0.0701287	-14.2595	0.00323149	0.26421	-3.78487	0.256819	0.675629	-1.4801	14.6895	25.5372	1.5453	1
cg12640469	0.041867	0.766209	-1.30513	0.000216897	0.496295	-2.01493	0.00125119	0.585565	-1.70775	0.0584088	0.784412	-1.27484	9.04736	1.84741	0.181505	1
cg09161043	0.0148542	0.410564	-2.43567	0.00135609	0.251056	-3.98317	0.0189251	0.429805	-2.32664	0.0214213	0.439918	-2.27315	8.68518	12.141	1.24257	1
cg03330022	0.00427688	0.205966	-4.85517	0.000429062	0.0998585	-10.0142	0.668711	1.19479	1.19479	0.0420572	0.379676	-2.63383	7.15493	19.3682	2.4062	1
cg20950465	0.546553	1.12076	1.12076	0.000117568	0.283684	-3.52505	0.0748239	0.690219	-1.44882	0.872291	0.97039	-1.03051	6.44471	3.56318	0.491453	1
cg18087326	0.0120007	0.50235	-1.99065	0.594201	0.888573	-1.1254	0.00142157	0.362692	-2.75716	0.0638361	0.632744	-1.58042	4.13999	3.1648	0.679508	1
cg11953272	0.273961	0.862929	-1.15884	0.0074671	0.640137	-1.56217	0.732077	1.04551	1.04551	0.411462	1.11489	1.11489	3.39214	0.900982	0.236097	1
cg09554798	0.0361276	1.61046	1.61046	0.0116736	1.85197	1.85197	0.0233477	0.588679	-1.69872	0.283906	0.804379	-1.2432	13.7835	8.34678	0.538278	1
cg12150039	0.344667	1.59327	1.59327	0.0200081	3.83173	3.83173	0.102535	0.425312	-2.35122	0.874733	1.07842	1.07842	5.60992	20.3466	3.22391	1
cg02943665	0.0471852	1.99622	1.99622	0.00169887	0.255517	-3.91364	0.0944198	0.571433	-1.74999	0.188427	0.654308	-1.52833	5.36112	7.86637	1.30427	1
cg07759570	0.0400233	0.362827	-2.75613	0.00649988	0.220687	-4.5313	0.828398	0.911438	-1.09717	0.95468	0.976014	-1.02458	5.26759	15.2242	2.56904	1
cg22045942	0.26705	1.74241	1.74241	0.00297926	7.07675	7.07675	0.181363	0.505918	-1.9766	0.443701	1.455	1.455	4.74217	17.3196	3.24645	1
cg05543458	0.716743	0.946858	-1.05613	6.88E-07	0.046661	-21.4312	0.000119619	0.282826	-3.53575	0.573859	0.918194	-1.08909	69.008	20.7172	0.225161	1
cg04379095	0.165497	1.47355	1.47355	0.0680273	0.585298	-1.70853	0.46855	0.824242	-1.21324	0.0601833	0.573719	-1.74301	11.3959	12.3981	0.96706	1
cg15268963	0.00667973	0.457879	-2.18398	0.092139	0.662623	-1.50915	0.907411	1.02616	1.02616	0.0457354	0.601428	-1.66271	5.40814	4.22091	0.693755	1
cg05506209	0.0880414	0.480861	-2.0796	0.0565141	0.431829	-2.31573	0.978196	1.01069	1.01069	0.32678	0.674519	-1.48254	4.86689	11.6604	2.12965	1
cg09951320	0.432427	0.559067	-1.78869	0.755594	1.25436	1.25436	0.3574	1.98767	1.98767	0.846605	1.15093	1.15093	3.91406	32.6552	7.41605	1
cg12461287	0.502968	1.11934	1.11934	0.0016138	0.472448	-2.11663	0.105665	0.745915	-1.34064	0.871594	0.973528	-1.02719	3.80853	1.65915	0.387236	1
cg22088645	0.000631891	1.63238	1.63238	0.340064	0.912338	-1.09608	0.0119179	1.34019	1.34019	0.530521	0.942438	-1.06108	24.6139	3.39401	0.122569	1
cg00121148	0.00739561	1.44814	1.44814	2.41E-06	3.41851	3.41851	0.838614	1.02212	1.02212	0.0107467	0.70899	-1.41046	22.4813	4.09915	0.162077	1
cg07588614	0.330666	1.09377	1.09377	6.35E-06	2.45873	2.45873	0.349502	0.9176	-1.0898	0.0600839	0.827469	-1.2085	15.859	2.00262	0.112245	1
cg26402422	0.0237872	1.65266	1.65266	0.00448304	0.493818	-2.02504	0.00137794	2.37252	2.37252	0.00576616	0.509854	-1.96135	15.8141	8.6836	0.488092	1
cg11143158	0.729954	1.05493	1.05493	2.09E-05	0.265916	-3.76058	0.660105	0.933982	-1.07068	0.811728	1.03751	1.03751	14.5842	5.50147	0.335308	1
cg16854049	0.00433439	1.83635	1.83635	0.00496617	1.80921	1.80921	0.602722	0.919697	-1.08731	0.742912	1.05387	1.05387	11.5308	4.64079	0.357751	1
cg12190048	0.0205215	0.528627	-1.89169	0.0120129	0.488917	-2.04534	0.616361	0.891035	-1.12229	0.192584	0.729808	-1.37022	10.6272	8.77987	0.734371	1
cg15655154	0.0147587	1.48594	1.48594	3.17E-05	2.91502	2.91502	0.561444	0.925429	-1.08058	0.254561	0.854687	-1.17002	10.5158	2.90143	0.245255	1
cg18700146	0.592947	0.926413	-1.07943	0.0298988	1.43607	1.43607	0.483185	1.10622	1.10622	0.142811	0.800029	-1.24996	9.50506	3.02062	0.282481	1
cg13897145	0.505873	1.05009	1.05009	0.0126081	0.798839	-1.25182	0.0257228	1.21144	1.21144	0.888941	0.989934	-1.01017	9.3642	0.777586	0.0738117	1
cg20917943	0.374992	1.09884	1.09884	0.000168358	1.94011	1.94011	0.17439	0.861094	-1.16131	0.335715	0.902349	-1.10822	8.08322	1.37169	0.150841	1
cg24685477	0.0436923	0.497343	-2.01069	0.00146682	0.250717	-3.98856	0.246793	0.694332	-1.44023	0.0372191	0.482636	-2.07195	5.88355	8.45494	1.27738	1
cg16211438	0.583542	1.21195	1.21195	0.59354	0.829404	-1.20568	0.938726	0.973659	-1.02705	0.0249635	0.396019	-2.52513	3.65518	6.97904	1.69721	1
cg26169558	0.00459459	0.640701	-1.56079	0.512081	0.924532	-1.08163	0.441882	1.09696	1.09696	0.94106	1.00876	1.00876	3.55882	0.784936	0.196054	1
cg00192962	0.00137432	0.534237	-1.87183	0.190509	0.829257	-1.2059	0.420288	0.894758	-1.11762	0.941971	1.00988	1.00988	3.45408	0.997822	0.256784	1
cg27032813	0.0833574	0.668602	-1.49566	0.050482	0.62615	-1.59706	0.101085	1.45806	1.45806	0.033277	0.592996	-1.68635	6.63162	4.63288	0.620981	1
cg02672737	0.482828	0.666081	-1.50132	0.981279	1.01346	1.01346	0.805843	0.869095	-1.15062	0.00252131	10.9081	10.9081	4.78265	24.5864	4.56956	1
cg01764954	0.405494	0.453863	-2.20331	0.6236	1.58267	1.58267	0.908881	1.11212	1.11212	0.0152046	15.9179	15.9179	3.50794	47.8651	12.1287	1
cg25315806	0.00600795	0.410235	-2.43763	0.000141133	0.13139	-7.61095	0.939695	1.01563	1.01563	0.158815	0.724139	-1.38095	26.2028	12.4453	0.339258	1
cg01214175	0.927235	1.01835	1.01835	0.0574945	0.652051	-1.53362	0.186219	1.32175	1.32175	0.298293	1.23937	1.23937	4.40945	2.76708	0.557808	1
cg26107055	0.647989	1.06995	1.06995	0.0256324	1.47693	1.47693	0.396926	0.880212	-1.13609	0.256489	0.840117	-1.19031	4.26172	1.4603	0.304583	1
cg11241750	0.185099	0.423528	-2.36112	0.0167692	0.16789	-5.95629	0.362238	0.564128	-1.77265	0.129734	0.367656	-2.71993	3.70327	21.9177	5.26085	1
cg03594790	0.441701	0.852582	-1.17291	0.0538624	1.56048	1.56048	0.442691	1.17249	1.17249	0.99039	0.997555	-1.00245	3.40575	2.22937	0.581858	1
cg05593759	0.0626704	1.34318	1.34318	0.0103987	1.57534	1.57534	0.509619	0.910085	-1.0988	0.879569	0.978871	-1.02158	4.09047	1.28522	0.279287	1
cg14819242	0.669799	1.06456	1.06456	0.218474	1.20778	1.20778	0.0215023	1.49598	1.49598	0.270596	0.845948	-1.18211	10.5058	3.5394	0.299465	1
cg08569425	0.000610753	0.185224	-5.39886	0.235664	0.672387	-1.48724	0.241101	0.675756	-1.47982	0.0336612	0.45277	-2.20863	6.8412	11.0519	1.43599	1
cg06609646	0.0844087	0.600306	-1.66582	0.613512	0.872711	-1.14586	0.6817	0.895614	-1.11655	0.0235095	0.485167	-2.06115	4.67005	5.28591	1.00611	1
cg02427576	0.00992939	0.505318	-1.97895	0.687001	0.91861	-1.0886	0.710884	1.08116	1.08116	0.000346472	0.299306	-3.34106	9.74924	6.78227	0.618375	1
cg02730804	0.00759603	1.70223	1.70223	0.000937468	2.14878	2.14878	0.318526	1.1732	1.1732	0.861074	1.02751	1.02751	7.62293	2.89834	0.337967	1
cg04077850	0.115294	0.458126	-2.1828	0.00171053	0.129839	-7.70186	0.333108	1.57646	1.57646	0.0163149	0.262153	-3.81456	5.67847	18.6936	2.92623	1
cg01977473	0.63622	1.19904	1.19904	0.0241716	2.78458	2.78458	0.264605	1.55734	1.55734	0.230202	1.61542	1.61542	4.28229	9.84431	2.04342	1
cg09836395	0.221439	1.22309	1.22309	0.96859	1.00619	1.00619	0.680607	0.937203	-1.067	0.332343	1.16965	1.16965	4.10062	1.59451	0.345641	1
ch.5.2294535F	?	?	?	0.411551	0.553084	-1.80804	0.946586	0.953841	-1.04839	0.954962	0.960946	-1.04064	4.12799	25.2983	7.00398	1
cg22195011	0.0049871	0.836559	-1.19537	0.000660525	0.778441	-1.28462	0.249522	0.943848	-1.05949	0.655594	0.978675	-1.02179	13.211	0.482459	0.0324618	1
cg14572705	0.55788	1.07087	1.07087	0.0137391	1.42192	1.42192	0.622915	1.05894	1.05894	0.0121019	0.696663	-1.43541	22.0125	4.65448	0.187953	1
cg00938380	0.590022	0.923146	-1.08325	0.00520261	1.71965	1.71965	0.438057	0.890217	-1.12332	0.0262336	0.678663	-1.47349	16.5607	5.6688	0.304271	1
cg17580567	0.000416061	2.2206	2.2206	0.000147516	2.53431	2.53431	0.627987	1.07205	1.07205	0.395308	1.13206	1.13206	10.3613	3.33152	0.28581	1
cg09741298	0.0924562	1.41483	1.41483	0.134464	1.35314	1.35314	0.627983	1.09582	1.09582	0.144321	0.745364	-1.34163	9.93789	5.52727	0.494383	1
cg13788891	0.67902	1.0806	1.0806	0.456921	1.15158	1.15158	0.185151	0.769682	-1.29924	0.279913	0.811192	-1.23275	8.50956	4.67707	0.488556	1
cg24688909	0.800831	1.02466	1.02466	0.0019111	1.5274	1.5274	0.0605954	0.815574	-1.22613	0.380211	0.916919	-1.09061	8.03603	1.18173	0.130715	1
cg00801716	0.00443675	0.336697	-2.97003	0.00126082	0.259305	-3.85646	0.792076	0.927045	-1.0787	0.00798803	0.37726	-2.65069	7.98448	10.3962	1.15738	1
cg00319157	0.74107	0.966557	-1.0346	0.00125515	1.62131	1.62131	0.145146	0.851728	-1.17408	0.659174	0.955491	-1.04658	7.8726	1.31195	0.148131	1
cg21811450	0.32391	1.2788	1.2788	0.00155168	2.99942	2.99942	0.0606621	0.600178	-1.66617	0.599478	0.87993	-1.13645	6.66735	6.15281	0.820291	1
cg08773466	0.11323	1.3709	1.3709	0.0145397	1.73486	1.73486	0.765101	0.946635	-1.05637	0.403396	0.855135	-1.16941	6.09637	3.23425	0.471573	1
cg09233980	0.426242	1.14698	1.14698	0.00690651	1.80435	1.80435	0.603771	0.915415	-1.0924	0.00759768	0.560188	-1.78512	5.14111	2.31993	0.401113	1
cg26058289	0.282285	0.840409	-1.1899	0.000809618	2.1951	2.1951	0.237693	1.21225	1.21225	0.695521	1.06312	1.06312	4.43993	1.70277	0.3409	1
cg03873518	0.0543904	0.761493	-1.31321	0.992262	0.99879	-1.00121	0.112991	0.806275	-1.24027	0.558151	1.07673	1.07673	4.33607	1.07008	0.219364	1
cg12853158	0.120298	0.583494	-1.71381	0.0440994	2.0948	2.0948	0.340182	0.730335	-1.36923	0.0237295	2.37037	2.37037	4.31317	6.98155	1.43881	1
cg04787750	0.792751	1.07914	1.07914	0.615792	1.15759	1.15759	0.557771	0.842436	-1.18703	0.96555	1.01257	1.01257	3.93434	5.21274	1.17772	1
cg12649343	0.181276	1.28459	1.28459	0.0497457	1.48434	1.48434	0.421452	1.15594	1.15594	0.538174	0.895846	-1.11626	3.81679	1.88237	0.438384	1
cg11254192	0.966409	1.00932	1.00932	0.0592639	0.625558	-1.59857	0.863371	1.03867	1.03867	0.423445	0.835184	-1.19734	3.62078	2.78291	0.683194	1
cg03858853	0.735791	0.929516	-1.07583	0.00859696	0.485165	-2.06115	0.0050805	0.449635	-2.22403	0.00781196	0.478586	-2.08949	11.01	8.12169	0.655701	1
cg03711562	0.817649	0.94632	-1.05672	0.282318	1.30591	1.30591	0.0242709	0.526481	-1.89941	0.101972	1.53361	1.53361	3.84685	3.47706	0.803443	1
cg17988310	0.53971	0.863824	-1.15764	0.000116391	0.203482	-4.91443	0.678512	1.10327	1.10327	0.046206	0.583606	-1.71348	10.4092	9.16457	0.782607	1
ch.22.694298R	0.415848	0.629118	-1.58953	0.00768926	0.148274	-6.74425	0.00296586	0.103045	-9.70452	0.116069	0.386056	-2.5903	5.20499	25.6002	4.3719	1
cg03840259	0.215636	0.581375	-1.72006	0.0942288	0.465023	-2.15043	0.0356544	0.361461	-2.76655	0.0498755	0.394235	-2.53656	4.08916	11.2167	2.43826	1
cg18545596	0.143757	0.451449	-2.21509	0.28191	0.567693	-1.76152	0.0116264	0.202508	-4.93808	0.0694453	0.357642	-2.79609	3.94559	16.0189	3.60886	1
cg26815454	0.42813	0.735207	-1.36016	0.0213311	0.349242	-2.86334	0.0177633	0.334199	-2.99223	0.129329	0.536255	-1.86479	3.39789	7.78053	2.03539	1
cg20147550	0.897297	1.02477	1.02477	0.0280026	1.63548	1.63548	0.0113772	0.548589	-1.82286	0.139649	1.35151	1.35151	5.13433	2.92039	0.505598	1
cg03910582	0.572061	1.14136	1.14136	0.000668391	3.33896	3.33896	0.350025	1.24953	1.24953	0.752916	0.929478	-1.07587	4.2082	3.57426	0.754983	1
cg06970510	3.41E-06	4.69809	4.69809	1.09E-07	11.2272	11.2272	1.63E-06	5.49766	5.49766	4.50E-05	2.97968	2.97968	82.9374	26.2653	0.281501	1
cg19898258	0.528215	0.877362	-1.13978	0.0001363	0.25883	-3.86354	0.00378698	0.449432	-2.22503	0.00265227	0.42687	-2.34263	15.9685	10.6017	0.590144	1
cg15994467	8.64E-05	6.41608	6.41608	0.00186175	3.20482	3.20482	0.00071894	3.8879	3.8879	0.00745502	2.48168	2.48168	15.8953	17.5185	0.979656	1
cg07285764	0.0243195	5.87973	5.87973	0.000686395	30.6256	30.6256	0.00824377	9.30043	9.30043	0.0307683	5.33542	5.33542	7.65251	52.7906	6.13197	1
cg06292124	0.0472124	5.93531	5.93531	0.00212108	29.5979	29.5979	0.00828178	14.1229	14.1229	0.0194092	9.17708	9.17708	5.90091	57.4895	8.65999	1
cg09889291	0.000546667	0.179591	-5.56822	0.06121	1.96287	1.96287	?	?	?	0.865391	1.05574	1.05574	6.14597	7.73874	1.43904	1
cg22566906	0.226397	1.39577	1.39577	0.0325664	0.518556	-1.92843	0.501859	1.19594	1.19594	0.0714732	0.589539	-1.69624	5.58092	6.09132	0.970182	1
cg04034767	0.575984	0.888765	-1.12516	0.000384531	0.306496	-3.26268	0.131028	1.40535	1.40535	0.834983	1.0445	1.0445	5.05243	3.48546	0.613207	1
cg09890213	0.0755245	4.81424	4.81424	0.00901093	13.9783	13.9783	0.0252857	8.27088	8.27088	0.0443683	6.26097	6.26097	3.77349	37.7092	8.88285	1
cg05336198	8.91E-05	0.1777	-5.62747	2.94E-05	0.133048	-7.51607	0.783795	1.07008	1.07008	0.000103127	0.184124	-5.43113	20.9367	20.1128	0.853908	1
cg09150232	0.156856	0.829275	-1.20587	0.630354	0.941814	-1.06178	0.0121787	0.679601	-1.47145	0.928857	1.0111	1.0111	14.1979	3.4371	0.215186	1
cg03104936	0.0563659	0.715249	-1.39812	4.83E-05	0.305499	-3.27333	0.985423	1.00284	1.00284	0.122061	0.771105	-1.29684	13.5222	5.15218	0.338681	1
cg01604051	0.00226562	0.572614	-1.74638	0.0060752	0.626485	-1.59621	0.0233654	0.70212	-1.42426	0.0122351	0.665375	-1.50291	12.0969	3.2643	0.239863	1
cg25975369	0.00513354	0.667537	-1.49804	0.026988	0.751013	-1.33154	0.00880557	1.44005	1.44005	0.101673	0.822088	-1.21642	10.4472	1.97782	0.168281	1
cg26163537	0.0805985	0.637095	-1.56963	0.000166187	0.224836	-4.44768	0.687086	1.09879	1.09879	0.136875	0.688802	-1.4518	9.48202	8.12832	0.761987	1
cg16349612	0.0605833	1.34344	1.34344	0.00691937	1.62861	1.62861	0.552534	0.919573	-1.08746	0.98999	0.998251	-1.00175	8.28952	2.55631	0.274114	1
cg08835688	0.0796917	1.32422	1.32422	0.00103115	2.01791	2.01791	0.25296	0.841641	-1.18815	0.652981	0.93674	-1.06753	8.27646	2.73275	0.293496	1
cg06386517	0.0355731	0.724657	-1.37996	0.00794998	0.638935	-1.56511	0.714026	1.04964	1.04964	0.0615862	1.31939	1.31939	7.87756	2.16187	0.243942	1
cg06398390	0.0170184	0.69971	-1.42916	0.00211871	1.69925	1.69925	0.126515	0.816397	-1.22489	0.0696892	0.77961	-1.28269	7.4186	1.76959	0.21203	1
cg05493751	0.830087	1.03564	1.03564	0.124313	1.31152	1.31152	0.00270445	1.96457	1.96457	0.00869749	1.7244	1.7244	7.37641	3.10236	0.373848	1
cg21517389	0.0429854	0.497003	-2.01206	0.00128389	0.244374	-4.09209	0.675192	0.881159	-1.13487	0.0122602	0.39196	-2.55128	6.77442	9.66956	1.26877	1
cg23742152	0.0313082	1.5896	1.5896	0.0231093	1.64603	1.64603	0.952297	0.989084	-1.01104	0.828099	0.960887	-1.04071	5.44321	2.90203	0.473908	1
cg18454288	0.039018	0.35488	-2.81786	0.00637045	0.214456	-4.66297	0.296573	1.59887	1.59887	0.147573	0.50978	-1.96163	5.16853	15.3919	2.64712	1
cg12903171	0.397124	1.20255	1.20255	0.00630071	2.1316	2.1316	0.443155	0.846771	-1.18096	0.756095	0.935869	-1.06853	4.73364	3.39247	0.637042	1
cg06790324	0.450117	0.898111	-1.11345	0.0116549	0.643887	-1.55307	0.155539	0.808794	-1.23641	0.170016	1.2264	1.2264	4.56607	1.41016	0.27452	1
cg05998930	0.441917	0.806685	-1.23964	0.00166086	0.291478	-3.43079	0.333589	0.760908	-1.31422	0.942919	0.980572	-1.01981	4.5017	5.35168	1.05672	1
cg27058667	0.341892	0.828187	-1.20746	0.772635	0.945758	-1.05735	0.839533	1.0398	1.0398	0.302439	1.22831	1.22831	4.44873	2.61095	0.521687	1
cg25915982	0.586103	1.11709	1.11709	0.531242	1.13624	1.13624	0.238848	0.780024	-1.28201	0.642278	1.09879	1.09879	4.10469	2.63658	0.570963	1
cg24977055	0.712906	0.935285	-1.06919	0.00335676	2.05942	2.05942	0.33433	1.19752	1.19752	0.397729	1.16971	1.16971	3.88369	2.01578	0.461367	1
cg09521872	0.162319	1.22395	1.22395	0.00566608	1.63503	1.63503	0.380276	1.12966	1.12966	0.278203	1.16502	1.16502	10.1708	2.95567	0.258315	1
cg03370077	0.495333	0.881843	-1.13399	0.341257	1.19495	1.19495	0.153841	1.31955	1.31955	0.013051	0.571617	-1.74942	6.69071	3.49514	0.464344	1
cg25472458	0.434136	0.848264	-1.17888	0.00745804	2.03488	2.03488	0.187172	1.33412	1.33412	0.719208	0.92826	-1.07728	6.60895	4.4505	0.598583	1
cg00224523	0.675933	1.06489	1.06489	0.000346758	2.3648	2.3648	0.614783	1.07885	1.07885	0.909179	1.01721	1.01721	5.49122	1.94525	0.314887	1
cg01495332	0.919066	1.03534	1.03534	0.0240357	2.50888	2.50888	0.0223234	2.54904	2.54904	0.118439	1.78476	1.78476	5.28464	9.7751	1.64419	1
cg12075949	0.497815	0.885519	-1.12928	0.620538	1.09216	1.09216	0.968779	1.00694	1.00694	0.617662	0.914938	-1.09297	18.3739	9.08085	0.439312	1
cg08586669	0.102775	0.736936	-1.35697	0.27046	1.21679	1.21679	0.00786648	1.79163	1.79163	0.0161449	0.604525	-1.65419	9.02613	4.18039	0.411683	1
cg03466198	0.18903	1.35846	1.35846	0.00116053	2.85878	2.85878	0.102766	1.48144	1.48144	0.03196	0.575026	-1.73905	8.29231	6.36596	0.682395	1
cg14569352	0.0554822	0.427822	-2.33742	0.00019607	0.0863289	-11.5836	0.207439	1.68206	1.68206	0.00246142	0.19254	-5.19372	7.97541	19.3291	2.1543	1
ch.7.1172609R	0.197146	0.455651	-2.19466	0.0205303	0.200107	-4.99734	0.0240717	0.212006	-4.71685	0.350066	0.57435	-1.7411	5.0518	26.591	4.67883	1
cg26812147	0.673336	1.07647	1.07647	0.00552247	1.88476	1.88476	0.29522	0.828077	-1.20762	0.775746	0.951577	-1.05089	4.96843	2.37654	0.425181	1
cg19725725	0.860966	0.970184	-1.03073	0.00245552	2.06985	2.06985	0.714018	0.938425	-1.06562	0.0207213	0.618243	-1.61749	3.90108	1.84204	0.419721	1
cg20732703	0.0602514	0.430196	-2.32452	0.00966587	0.271632	-3.68145	0.573757	0.797529	-1.25387	0.199805	0.583254	-1.71452	3.6883	9.25456	2.23037	1
cg00294065	0.987313	1.00228	1.00228	0.0184963	1.5043	1.5043	0.585539	0.924313	-1.08188	0.594427	0.926066	-1.07984	3.60746	1.16721	0.287604	1
cg13311902	0.00474067	2.10073	2.10073	0.0482687	1.56302	1.56302	0.123118	1.39172	1.39172	0.424052	0.850812	-1.17535	3.48989	2.16442	0.551285	1
cg09692771	0.0500606	1.28411	1.28411	2.74E-05	2.52365	2.52365	9.13E-06	2.9278	2.9278	0.733799	1.03894	1.03894	31.7029	6.28929	0.17634	1
cg23178364	0.538784	1.07594	1.07594	0.00653682	1.51523	1.51523	0.136483	0.82805	-1.20766	0.0761576	0.792881	-1.26122	14.452	3.16617	0.194739	1
cg15843818	0.414359	0.927408	-1.07827	0.233295	0.893265	-1.11949	0.131537	0.863262	-1.1584	0.0314002	1.25608	1.25608	6.76172	0.873585	0.114841	1
cg04926134	0.37623	0.899861	-1.11128	0.304048	0.883657	-1.13166	0.000108905	2.20817	2.20817	0.420528	0.908807	-1.10034	9.10533	1.7307	0.190076	1
cg00900735	0.0859201	0.798251	-1.25274	0.00250595	1.64626	1.64626	0.989774	0.998479	-1.00152	0.00596661	0.652585	-1.53237	23.7343	5.29934	0.198469	1
cg25879514	0.0751914	1.31021	1.31021	0.000932731	0.50978	-1.96163	0.021589	1.45684	1.45684	0.679061	0.944841	-1.05838	14.5866	4.29641	0.261818	1
cg16477417	0.6444	0.937788	-1.06634	0.0748622	0.760194	-1.31545	0.000894326	1.98846	1.98846	0.0147865	0.660664	-1.51363	9.10697	2.75469	0.268873	1
cg13282068	0.208587	0.853156	-1.17212	0.802138	1.03054	1.03054	0.0855859	0.796593	-1.25535	0.728132	1.04269	1.04269	8.93311	2.03059	0.202054	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04849856	GRB2;GRB2	0.0105884	0.679406	0.955115	-1.04699	0.3917	0.907579	-1.10183	0.71392	0.960129	-1.04153	0.0872715	1.23199	1.23199	0.0604661	0.791409	-1.26357
cg08024316	GRB2;GRB2	0.0110181	0.119437	1.24067	1.24067	0.962299	0.993985	-1.00605	0.452855	1.10252	1.10252	0.0173188	1.44764	1.44764	0.908649	0.985457	-1.01476
cg13518988	GRB2;GRB2	0.0129359	0.687724	0.945271	-1.0579	0.709965	1.05342	1.05342	0.676988	1.06009	1.06009	0.971954	1.00491	1.00491	0.822791	0.969238	-1.03174
cg17072271	GRB2;GRB2	0.0223691	0.425414	0.730834	-1.3683	0.0527969	2.33504	2.33504	0.00965345	0.283155	-3.53164	0.709728	1.15493	1.15493	0.329268	0.67849	-1.47386
cg01884715	GRB2;GRB2	0.0228005	0.0747222	0.541542	-1.84658	0.0146186	0.394966	-2.53187	0.97918	1.0081	1.0081	0.240828	0.684284	-1.46138	0.0146134	0.394938	-2.53204
cg20561261	GRB2;GRB2	0.0301927	0.846496	0.96295	-1.03848	0.0305144	0.609452	-1.64082	0.466264	0.865522	-1.15537	0.130897	1.374	1.374	0.0608747	1.50917	1.50917
cg01960575	GRB2;GRB2	0.0345157	0.0976924	0.584403	-1.71115	0.686878	1.12726	1.12726	0.19468	0.66661	-1.50013	0.300851	0.728393	-1.37289	0.00145945	0.256963	-3.89161
cg27110374	GRB2;GRB2	0.0430885	0.098938	0.53073	-1.8842	0.189359	1.62719	1.62719	0.849353	1.06886	1.06886	0.474433	1.29012	1.29012	0.0136837	0.34379	-2.90875
cg07044414	GRB2;GRB2	0.0464733	0.732585	0.900684	-1.11027	0.00236384	3.64477	3.64477	0.0184329	2.39151	2.39151	0.655806	0.872133	-1.14661	0.846363	0.942555	-1.06095
cg09509576	GRB2;GRB2	0.0479338	0.0199452	0.652707	-1.53208	0.0548826	1.39189	1.39189	0.0682471	1.36353	1.36353	0.139115	0.785231	-1.27351	0.16416	0.798155	-1.25289
cg00200289	GRB2;GRB2;GRB2;GRB2	0.0144153	0.00168505	0.132066	-7.57195	0.516302	0.743193	-1.34555	0.719148	0.849714	-1.17687	0.119416	0.466688	-2.14276	?	?	?
cg24158363	GRB2;GRB2;GRB2;GRB2	0.0232562	0.00840687	0.551359	-1.8137	0.0900502	0.718594	-1.39161	0.777459	0.951117	-1.0514	0.980708	0.995732	-1.00429	0.174742	0.774676	-1.29086
cg01692252	GRB7	0.00126816	0.00311637	0.18334	-5.45434	0.000766841	0.117876	-8.48351	0.00142394	0.144216	-6.93405	0.0834433	0.447542	-2.23443	0.00326321	0.185858	-5.38046
cg09923456	GRB7;GRB7	0.00136049	0.0250021	0.490547	-2.03854	0.088237	0.605084	-1.65266	0.00442697	0.362635	-2.75759	0.987664	0.995879	-1.00414	0.00153932	0.296146	-3.37671
cg25676215	GRB7;GRB7	0.0034009	0.0178067	0.430277	-2.32408	0.00417112	0.325034	-3.0766	0.0003708	0.188672	-5.30019	0.122148	0.612362	-1.63302	0.442537	0.795167	-1.2576
cg03684977	GRB7;GRB7	0.00533938	0.501078	1.36327	1.36327	0.0611482	2.60522	2.60522	0.14732	0.493803	-2.0251	0.515414	1.34891	1.34891	0.749301	1.15661	1.15661
cg10516146	GRB7;GRB7	0.00629058	0.0306824	2.34617	2.34617	0.491989	1.26419	1.26419	0.0136974	0.359158	-2.78429	0.0732536	1.95617	1.95617	0.623803	0.847003	-1.18063
cg03627958	GRB7;GRB7	0.006552	0.522745	1.38575	1.38575	0.299079	0.581552	-1.71954	0.012025	0.206467	-4.84338	0.0880391	0.387467	-2.58087	0.925526	0.954003	-1.04822
cg22350872	GRB7;GRB7	0.00863091	0.715826	0.800731	-1.24886	0.0839429	0.312729	-3.19766	0.0047918	0.102739	-9.7334	0.893844	1.08454	1.08454	0.454586	0.6294	-1.58882
cg17355719	GRB7;GRB7	0.0255476	0.401459	0.570447	-1.75301	0.485722	1.58889	1.58889	0.928442	0.942977	-1.06047	0.0524432	0.236546	-4.2275	0.0530951	0.237735	-4.20636
cg00697095	GRB7;GRB7	0.0341497	0.105672	2.32768	2.32768	0.256315	1.76188	1.76188	0.0713102	0.381801	-2.61917	0.147215	2.10326	2.10326	0.609835	1.27892	1.27892
cg00851111	GREB1	2.10E-05	0.00649037	0.793865	-1.25966	1.88E-06	0.462116	-2.16396	0.000210574	0.667437	-1.49827	0.00133531	0.737653	-1.35565	0.41409	0.946985	-1.05598
cg10612997	GREB1	4.44E-05	0.00755926	1.28624	1.28624	1.32E-05	0.512193	-1.95239	0.000189619	0.630681	-1.58559	0.0120245	0.794966	-1.25791	0.0253975	0.823138	-1.21486
cg02584498	GREB1	9.27E-05	0.00222101	0.419852	-2.38179	0.732717	0.932939	-1.07188	0.0484585	0.633481	-1.57858	0.0229322	0.576368	-1.735	1.40E-06	0.0829561	-12.0546
cg00206058	GREB1	0.000103587	0.000350208	0.723869	-1.38147	0.0191849	1.17275	1.17275	0.771549	0.983762	-1.01651	0.314442	1.06024	1.06024	0.00272288	0.79235	-1.26207
cg25808157	GREB1	0.0010779	0.00374845	0.743609	-1.34479	0.421004	1.06421	1.06421	0.04405	1.19142	1.19142	0.0384372	1.19909	1.19909	0.00534065	1.32022	1.32022
cg10849854	GREB1	0.00217441	0.231739	0.823228	-1.21473	0.0125194	0.617702	-1.6189	0.0257428	0.663153	-1.50795	0.0639753	0.724064	-1.38109	0.000821187	0.457572	-2.18545
cg06190461	GREB1	0.00398353	0.664072	0.902832	-1.10763	0.00263937	0.358489	-2.78948	0.00447526	0.39515	-2.53068	0.910598	0.97409	-1.0266	0.179475	0.714381	-1.39981
cg10970045	GREB1	0.0110986	0.0210041	0.685138	-1.45956	0.0997581	0.782174	-1.27849	0.00704542	0.622258	-1.60705	0.26827	0.854664	-1.17005	0.206363	0.833996	-1.19905
cg17851061	GREB1	0.0226845	0.286684	0.847662	-1.17971	0.0234687	1.49828	1.49828	0.0720403	1.3498	1.3498	0.00710712	0.594835	-1.68114	0.0540811	1.38625	1.38625
cg03520448	GREB1	0.0257534	0.0427933	0.398003	-2.51254	0.897127	1.05244	1.05244	0.178141	0.568181	-1.76	0.982926	0.99158	-1.00849	0.450987	1.35453	1.35453
cg04699394	GREB1	0.0260759	0.00628181	0.380548	-2.62779	0.924445	1.02608	1.02608	0.371492	0.779562	-1.28277	0.0477085	0.54093	-1.84867	0.0134971	0.436108	-2.29301
cg11534680	GREB1;GREB1	0.00169483	0.00588662	0.206683	-4.83834	0.000388428	0.0841623	-11.8818	0.00174267	0.141871	-7.04862	0.0226397	0.303024	-3.30007	0.000768898	0.10771	-9.2842
cg03877767	GREB1;GREB1	0.00328959	0.0464743	0.442819	-2.25826	0.852778	0.935795	-1.06861	0.335032	0.701086	-1.42636	0.0534351	0.456741	-2.18943	0.000120711	0.0907544	-11.0188
cg14653284	GREB1;GREB1	0.0056447	0.858305	0.966495	-1.03467	0.0235512	1.67484	1.67484	0.0758903	1.45749	1.45749	0.112066	1.3909	1.3909	0.019804	0.584766	-1.71009
cg15707428	GREB1;GREB1	0.0396275	0.0239621	0.534976	-1.86924	0.870632	0.962856	-1.03858	0.813073	0.946473	-1.05655	0.1895	0.724142	-1.38094	0.00818126	0.455709	-2.19438
cg01384111	GREB1;GREB1	0.041685	0.310359	1.3751	1.3751	0.0562372	1.92721	1.92721	0.119606	1.6694	1.6694	0.9781	1.00836	1.00836	0.0968191	0.575163	-1.73864
cg25785303	GREB1;GREB1;GREB1	0.000242426	0.000234489	0.473718	-2.11096	0.0141648	1.44884	1.44884	0.0197966	0.708459	-1.41151	0.0638116	1.29073	1.29073	4.61E-05	0.389575	-2.5669
cg17208060	GREB1;GREB1;GREB1	0.00626067	0.104611	0.624829	-1.60044	0.270708	0.737842	-1.3553	0.708354	1.10475	1.10475	0.371185	0.78393	-1.27562	0.000165163	0.182289	-5.4858
cg16792978	GREB1;GREB1;GREB1	0.0208564	0.0079899	0.737359	-1.35619	0.122332	1.16191	1.16191	0.130882	0.863995	-1.15741	0.0989529	0.850337	-1.176	0.00570782	0.72264	-1.38381
cg10899175	GREB1;GREB1;GREB1	0.036027	0.0906203	0.616565	-1.62189	0.0826182	0.607361	-1.64647	0.418371	0.806948	-1.23924	0.171914	0.685779	-1.4582	0.00474728	0.378051	-2.64514
cg26631397	GREB1;GREB1;GREB1;GREB1	0.00601539	0.658212	0.94231	-1.06122	0.00278325	1.73381	1.73381	0.344645	1.13873	1.13873	0.356318	1.13499	1.13499	0.00173976	0.551042	-1.81474
cg12473406	GREB1L	0.000193906	0.317896	0.812962	-1.23007	0.0053331	0.478907	-2.08809	0.111666	1.41552	1.41552	0.000243135	0.296141	-3.37677	6.09E-05	0.226587	-4.41331
cg07490808	GREB1L	0.000206398	0.000107837	0.126584	-7.89988	0.00423558	0.313778	-3.18697	0.0440732	0.496402	-2.01449	0.00106216	0.23106	-4.32788	0.00011116	0.127722	-7.82949
cg01655831	GREB1L	0.00935621	0.593693	1.0609	1.0609	0.334821	1.11539	1.11539	0.590191	1.06151	1.06151	0.158308	0.847394	-1.18009	0.0812436	1.23641	1.23641
cg26518100	GREB1L	0.0140423	0.0337571	0.253424	-3.94596	0.553808	0.71777	-1.3932	0.0312645	0.246803	-4.05182	0.194955	0.468111	-2.13624	0.0187563	0.20662	-4.8398
cg13366352	GREB1L	0.0162449	0.0110937	0.72713	-1.37527	0.00821169	0.712938	-1.40265	0.687033	0.960284	-1.04136	0.0392291	0.787637	-1.26962	0.0285219	0.772139	-1.2951
cg03536375	GREB1L	0.0329796	0.00294289	0.32989	-3.03131	0.0141468	0.439444	-2.2756	0.119882	0.6324	-1.58128	0.213479	0.700639	-1.42727	0.0247976	0.484017	-2.06604
cg05109245	GREB1L	0.0352469	0.607846	1.17811	1.17811	0.931502	0.973141	-1.0276	0.983677	1.0065	1.0065	0.000716435	0.195728	-5.10912	0.867615	0.948539	-1.05425
cg13103179	GREM1	0.0201575	0.553603	1.17664	1.17664	0.0681606	0.574391	-1.74098	0.0101152	0.41445	-2.41284	0.236767	0.714266	-1.40004	0.506388	1.20083	1.20083
cg17312492	GREM1	0.030372	0.283979	0.760132	-1.31556	0.685148	0.904442	-1.10565	0.154589	1.45562	1.45562	0.11337	0.654083	-1.52886	0.00385565	0.383118	-2.61016
cg08495115	GREM1	0.0314234	0.11172	0.544781	-1.8356	0.951534	1.02154	1.02154	0.0509035	2.18103	2.18103	?	?	?	0.0202012	0.374508	-2.67017
cg08823068	GREM1	0.0375339	0.0882551	0.468419	-2.13484	0.111704	0.497357	-2.01063	0.500465	0.75901	-1.31751	0.916675	0.958683	-1.0431	0.00862288	0.259129	-3.85908
cg06361667	GREM2	1.29E-05	0.337031	0.884317	-1.13082	8.23E-08	0.110661	-9.03661	0.270154	0.86709	-1.15328	0.0179388	0.699603	-1.42938	0.0901021	0.792938	-1.26113
cg01809217	GREM2	0.000209865	0.000197203	0.297821	-3.35773	0.925236	1.01834	1.01834	0.00703645	1.96306	1.96306	0.026623	1.66306	1.66306	0.00434083	2.09156	2.09156
cg02031308	GREM2	0.000399872	0.0248518	0.693677	-1.44159	0.0467569	1.36588	1.36588	0.00125656	0.524635	-1.90609	0.834748	0.971796	-1.02902	1.23E-05	0.282772	-3.53642
cg02577267	GREM2	0.000426473	0.000741496	0.147758	-6.76784	0.000585857	7.26801	7.26801	0.014362	3.08507	3.08507	0.130347	1.84019	1.84019	0.0405801	2.41741	2.41741
cg06086611	GREM2	0.000641259	5.60E-05	0.160334	-6.237	0.0420834	0.564132	-1.77263	0.192973	0.714087	-1.40039	0.0547705	0.587151	-1.70314	0.000284267	0.234799	-4.25896
cg25623271	GREM2	0.000910815	0.000139191	0.210424	-4.75232	0.252853	1.32689	1.32689	0.132454	1.46886	1.46886	0.0499435	1.69805	1.69805	0.0324092	1.80967	1.80967
cg18592459	GREM2	0.00345007	0.00241945	0.173083	-5.77757	0.162436	0.538319	-1.85764	0.122176	0.498747	-2.00503	0.00259572	0.176759	-5.65743	0.00334417	0.190475	-5.25004
cg22879626	GREM2	0.00516555	0.00143116	0.289023	-3.45993	0.0902311	1.65297	1.65297	0.228411	1.40534	1.40534	0.109343	1.5999	1.5999	0.269928	1.36237	1.36237
cg04391463	GREM2	0.00661401	0.00226703	0.261164	-3.82901	0.383692	1.32419	1.32419	0.315739	1.38554	1.38554	0.189868	1.54728	1.54728	0.411667	0.768062	-1.30198
cg00081729	GREM2	0.0114056	0.00398615	0.147637	-6.77337	0.00806076	5.35145	5.35145	0.099816	2.43846	2.43846	0.666808	1.23871	1.23871	0.767033	0.863436	-1.15816
cg18287066	GREM2	0.0125129	0.0891787	0.500425	-1.9983	0.0041404	0.241754	-4.13643	0.00660205	0.271841	-3.67862	0.0694794	0.472392	-2.11689	0.00587478	0.264074	-3.78681
cg09107161	GREM2	0.015934	0.0396236	0.370251	-2.70087	0.0115355	0.267363	-3.74024	0.0520846	0.397459	-2.51598	0.281616	0.626735	-1.59557	0.00357863	0.192522	-5.19421
cg11504078	GREM2	0.017439	0.202023	0.521872	-1.91618	0.317195	0.607035	-1.64735	0.106569	0.427121	-2.34126	0.0421811	0.323038	-3.09561	0.00129295	0.104004	-9.61497
cg26155556	GREM2	0.0221257	0.132609	0.533955	-1.87282	0.370587	0.700824	-1.42689	0.00120447	0.159829	-6.2567	0.721128	0.870589	-1.14865	0.255307	0.631795	-1.58279
cg00949801	GREM2	0.038544	0.806704	0.91232	-1.09611	0.153339	1.77239	1.77239	0.00685838	0.269657	-3.70841	0.654087	1.18392	1.18392	0.653658	1.18419	1.18419
cg03593823	GREM2	0.0428337	0.591876	0.885497	-1.12931	0.0148862	0.510174	-1.96012	0.00596858	0.445887	-2.24272	0.904275	1.0274	1.0274	0.0447181	0.595829	-1.67833
cg19356905	GREM2;GREM2	0.0104391	0.0247657	0.726854	-1.37579	0.0513943	1.3031	1.3031	0.000525905	1.90574	1.90574	0.212498	0.854929	-1.16969	0.273528	1.1457	1.1457
cg06353127	GREM2;GREM2	0.0424398	0.00307023	0.2833	-3.52983	0.226522	1.48453	1.48453	0.33395	1.36352	1.36352	0.441926	0.783517	-1.2763	0.95135	1.01917	1.01917
cg24413369	GRHL1	0.00209186	0.0820362	0.774029	-1.29194	0.126843	1.24548	1.24548	0.154269	0.816494	-1.22475	0.287346	0.863411	-1.1582	0.133822	0.806578	-1.23981
cg14549427	GRHL1	0.00292989	0.000666204	0.125383	-7.97555	0.12312	0.513849	-1.9461	0.325763	0.667338	-1.49849	0.709648	0.861495	-1.16077	0.00098709	0.14202	-7.04124
cg18761223	GRHL1	0.0095335	0.168342	0.781219	-1.28005	0.00112324	2.2404	2.2404	0.024879	1.56683	1.56683	0.909501	0.981057	-1.01931	0.973008	0.994326	-1.00571
cg10162971	GRHL1	0.0117053	0.0251681	0.209764	-4.76727	0.0154347	0.174963	-5.71549	0.0271371	0.215651	-4.63712	0.239448	0.485515	-2.05967	0.189163	0.44225	-2.26116
cg22330749	GRHL1	0.0136836	0.00676551	0.379923	-2.63211	0.0466083	0.533538	-1.87428	0.0350988	0.50823	-1.96761	0.102045	0.610561	-1.63784	0.0471573	0.534608	-1.87053
cg02272334	GRHL1	0.0192048	0.759285	0.956696	-1.04526	0.401247	0.883599	-1.13173	0.00172219	0.525063	-1.90453	0.0327757	0.697851	-1.43297	0.0152733	0.651132	-1.53579
cg20648229	GRHL1	0.022556	0.00788797	0.369333	-2.70758	0.0103704	0.389252	-2.56903	0.0341088	0.485451	-2.05994	0.342378	1.33096	1.33096	0.154876	0.640859	-1.56041
cg15679829	GRHL2	0.00112645	0.00272627	0.603528	-1.65692	0.499063	0.919675	-1.08734	0.00133647	0.566077	-1.76655	0.00246004	1.6719	1.6719	0.0051069	0.636656	-1.57071
cg14686437	GRHL2	0.00126657	0.272819	0.804404	-1.24316	0.215435	0.779854	-1.28229	0.000381114	0.338914	-2.9506	0.2371	0.789613	-1.26644	0.000136534	0.284053	-3.52048
cg25330243	GRHL2	0.00562158	0.0340895	3.28798	3.28798	0.0022107	7.88006	7.88006	0.00794609	5.14471	5.14471	0.00151749	9.00806	9.00806	0.794441	0.881906	-1.13391
cg10899768	GRHL2	0.00657855	0.132693	1.8756	1.8756	0.00525163	4.16636	4.16636	0.0219842	2.90133	2.90133	0.359996	0.694313	-1.44027	0.0255002	2.79835	2.79835
cg17885542	GRHL2	0.00995423	0.121776	0.713061	-1.4024	0.110124	1.42062	1.42062	0.402497	0.841353	-1.18856	0.0308861	1.66702	1.66702	0.0183565	0.561598	-1.78063
cg03273057	GRHL2	0.014233	0.280795	0.836054	-1.19609	0.556754	1.09959	1.09959	0.375715	0.864841	-1.15628	0.566304	1.09702	1.09702	0.000427705	0.410413	-2.43657
cg20574490	GRHL2	0.0151229	0.0579125	4.82552	4.82552	0.00337707	18.6652	18.6652	0.0101287	10.8211	10.8211	0.0575287	4.84018	4.84018	0.0807623	4.1444	4.1444
cg04161294	GRHL2	0.0178537	0.819124	0.924014	-1.08224	0.199795	0.626658	-1.59577	0.580713	1.21226	1.21226	0.845021	1.06986	1.06986	0.000546326	0.156734	-6.38023
cg11397370	GRHL2	0.0223489	0.303077	1.74203	1.74203	0.00313718	8.17613	8.17613	0.172581	2.1283	2.1283	0.00918179	5.59149	5.59149	0.663409	1.2559	1.2559
cg05458052	GRHL2	0.0270466	0.0388328	0.416934	-2.39846	0.00858022	0.293428	-3.40799	0.195074	0.605788	-1.65074	0.500208	1.28437	1.28437	0.0048596	0.255218	-3.91822
cg16688483	GRHL2	0.0299911	0.0363845	5.83303	5.83303	0.0182559	7.98158	7.98158	0.081726	4.04943	4.04943	0.144553	3.11484	3.11484	0.0360496	5.85741	5.85741
cg16435779	GRHL2	0.0407894	0.293436	2.75302	2.75302	0.0101022	20.4056	20.4056	0.0205135	13.3801	13.3801	0.0158198	15.5955	15.5955	0.101866	5.28001	5.28001
cg23973429	GRHL2;GRHL2	0.00203629	0.0186934	4.07417	4.07417	0.00048849	14.7748	14.7748	0.0363941	3.31612	3.31612	0.166458	2.06913	2.06913	0.00975744	5.00645	5.00645
cg14202477	GRHL2;GRHL2	0.00792348	0.102514	1.81607	1.81607	0.00314286	3.85052	3.85052	0.0165856	2.657	2.657	0.598472	1.19419	1.19419	0.0262226	2.41243	2.41243
cg01119512	GRHL3	0.000256405	0.00110968	0.623051	-1.605	0.0485725	0.801055	-1.24835	5.19E-05	0.474564	-2.1072	0.187637	0.871551	-1.14738	0.000671242	0.599147	-1.66904
cg20242797	GRHL3	0.000521802	0.00490154	0.460789	-2.17019	0.000895503	2.81075	2.81075	0.000395577	3.23019	3.23019	0.000547831	3.05196	3.05196	0.0764877	1.50611	1.50611
cg12757705	GRHL3	0.00201243	0.769175	0.952359	-1.05002	0.000649794	2.38074	2.38074	0.825328	0.963999	-1.03735	0.000433793	2.51661	2.51661	0.260007	0.822917	-1.21519
cg15050111	GRHL3	0.00338027	0.358824	0.816214	-1.22517	0.00047015	3.26388	3.26388	0.00593514	2.16942	2.16942	0.00161745	2.64512	2.64512	0.77616	1.06328	1.06328
cg14167629	GRHL3	0.00493761	0.0196877	0.657503	-1.52091	0.000474455	2.26336	2.26336	0.0604829	0.729751	-1.37033	0.442021	0.889877	-1.12375	0.12025	0.778147	-1.2851
cg19697558	GRHL3	0.00596754	0.0126521	0.405148	-2.46823	0.0759905	1.7782	1.7782	0.0808794	0.568793	-1.75811	0.147522	0.63572	-1.57302	0.0885676	0.578308	-1.72918
cg27298252	GRHL3	0.0187843	0.0846506	0.589387	-1.69668	0.0403343	0.51863	-1.92816	0.0186255	0.45352	-2.20497	0.239499	1.40698	1.40698	0.0112006	0.414339	-2.41348
cg16155382	GRHL3	0.0275327	0.0322325	0.490588	-2.03837	0.523622	0.832326	-1.20145	0.00342647	0.323344	-3.09268	0.219012	0.692765	-1.44349	0.0271544	0.475897	-2.10129
cg02984188	GRHL3	0.0388953	0.0633273	0.4604	-2.17202	0.918856	0.962857	-1.03858	0.235015	0.629817	-1.58776	0.470725	0.761436	-1.31331	0.00272045	0.214892	-4.65351
cg09662754	GRHL3	0.0393607	0.858177	0.940282	-1.06351	0.726815	0.886262	-1.12833	0.171689	0.605986	-1.6502	0.0185105	2.67322	2.67322	0.162623	0.598613	-1.67053
cg04552500	GRHL3;GRHL3	0.00221608	0.0245153	0.554143	-1.80459	0.0117405	2.00091	2.00091	0.10661	0.678265	-1.47435	0.526312	0.868079	-1.15197	0.624684	0.897051	-1.11476
cg26365938	GRHL3;GRHL3	0.00238882	0.0431127	0.765423	-1.30647	0.000740561	0.555113	-1.80143	0.0183601	0.719846	-1.38919	0.297318	0.883274	-1.13215	0.0136321	0.704305	-1.41984
cg21289280	GRHL3;GRHL3	0.00489704	0.13636	0.483339	-2.06894	0.00345018	6.04436	6.04436	0.0206404	3.53527	3.53527	0.0483058	2.77942	2.77942	0.000519056	11.617	11.617
cg23820945	GRHL3;GRHL3	0.0213431	0.0420004	0.541916	-1.8453	0.10837	1.58078	1.58078	0.058864	0.572446	-1.74689	0.126054	0.648719	-1.5415	0.0137439	0.45094	-2.21759
cg22176324	GRHL3;GRHL3;GRHL3	7.96E-05	0.0182894	0.758525	-1.31835	0.728934	1.03414	1.03414	0.38364	0.917402	-1.09004	0.642759	0.955924	-1.04611	0.428345	0.924936	-1.08116
cg20325200	GRHL3;GRHL3;GRHL3	0.0006102	0.0047102	0.522492	-1.91391	0.597734	0.912066	-1.09641	0.00014596	0.323081	-3.0952	0.374588	0.854249	-1.17062	2.47E-05	0.234573	-4.26306
cg14616251	GRHL3;GRHL3;GRHL3	0.00992262	0.650044	0.857728	-1.16587	0.00268066	4.03271	4.03271	0.356336	0.727047	-1.37543	0.736433	1.1202	1.1202	0.573311	0.825964	-1.21071
cg11155431	GRHL3;GRHL3;GRHL3	0.0133539	0.144701	0.590572	-1.69327	0.219902	0.64812	-1.54292	0.050101	0.471895	-2.11912	0.00175749	0.223434	-4.47559	0.0585202	0.487452	-2.05148
cg21273275	GRHL3;GRHL3;GRHL3	0.0292094	0.641898	1.45011	1.45011	0.199216	2.93407	2.93407	0.78747	1.23915	1.23915	0.304047	2.32722	2.32722	0.0113393	0.0808018	-12.376
cg12405265	GRHL3;GRHL3;GRHL3	0.0396359	0.0355251	0.315535	-3.16922	0.0915551	0.416594	-2.40042	0.00896484	0.208775	-4.78985	0.130916	0.463612	-2.15698	0.00853825	0.205641	-4.86284
cg14282215	GRHPR	0.000203386	0.0225723	1.38315	1.38315	0.206057	0.853493	-1.17166	0.140426	1.20726	1.20726	0.301314	0.880564	-1.13564	5.99E-06	0.299358	-3.34048
cg13434631	GRHPR	0.001944	0.672109	1.14269	1.14269	0.804635	0.92529	-1.08074	0.0611195	0.516241	-1.93708	0.131788	0.600688	-1.66476	0.0762362	0.539	-1.85529
cg20668321	GRIA1;GRIA1	0.00526313	0.172521	0.526045	-1.90098	0.00232754	6.56125	6.56125	0.0670663	0.40328	-2.47967	0.467964	0.721271	-1.38644	0.00255094	0.156933	-6.37213
cg13583454	GRIA1;GRIA1	0.0145005	0.359399	1.33457	1.33457	0.107098	1.7138	1.7138	0.00935084	0.364412	-2.74414	0.0485284	1.99411	1.99411	0.0321363	0.463623	-2.15692
cg08578734	GRIA1;GRIA1	0.0159143	0.205969	0.788694	-1.26792	0.335788	1.19315	1.19315	0.0179812	1.66778	1.66778	0.0193859	1.6537	1.6537	0.825515	0.961477	-1.04007
cg26343183	GRIA1;GRIA1	0.0287894	0.0025561	0.116476	-8.58546	0.0746494	0.360462	-2.77422	0.0281453	0.263889	-3.78947	0.0213059	0.241224	-4.14552	0.0315502	0.273738	-3.65313
cg23165500	GRIA1;GRIA1	0.0440167	0.0942016	0.549826	-1.81876	0.0038665	0.282196	-3.54364	0.100686	0.557377	-1.79412	0.488798	1.25685	1.25685	0.057267	0.496988	-2.01212
cg16777106	GRIA2;GRIA2;GRIA2	0.000112633	0.95109	1.01168	1.01168	0.000503059	2.79942	2.79942	0.634707	0.913403	-1.09481	0.22213	1.27485	1.27485	1.35E-05	0.178487	-5.60264
cg02757172	GRIA2;GRIA2;GRIA2	0.0137091	0.628184	0.858268	-1.16514	0.00329617	3.50375	3.50375	0.0918565	1.78824	1.78824	0.0105426	2.73944	2.73944	0.0480602	0.49278	-2.0293
cg00699993	GRIA2;GRIA2;GRIA2	0.0143071	0.132438	1.55699	1.55699	0.732318	0.910622	-1.09815	0.00694185	2.59237	2.59237	0.519064	0.836732	-1.19513	0.883817	0.96091	-1.04068
cg24452260	GRIA2;GRIA2;GRIA2	0.0189043	0.339216	0.864341	-1.15695	0.47075	1.1147	1.1147	0.14669	1.25927	1.25927	0.593241	1.08306	1.08306	0.276088	0.84563	-1.18255
cg13914083	GRIA2;GRIA2;GRIA2	0.0252154	0.0363684	1.41391	1.41391	0.370744	1.1398	1.1398	0.00371203	1.74737	1.74737	0.304906	0.859625	-1.1633	0.993876	0.998908	-1.00109
cg26739975	GRIA2;GRIA2;GRIA2	0.0307757	0.000819953	0.0370955	-26.9575	0.472756	1.61141	1.61141	0.910853	0.929442	-1.07591	0.123381	2.97535	2.97535	0.193267	2.45819	2.45819
cg23734973	GRIA2;GRIA2;GRIA2	0.0496953	0.194141	0.807254	-1.23877	0.218423	0.817278	-1.22357	0.00122747	2.08952	2.08952	0.912246	0.982964	-1.01733	0.904692	0.981503	-1.01885
cg25148589	GRIA2;GRIA2;GRIA2;GRIA2;GRIA2	0.00528555	0.401139	1.13853	1.13853	0.0432329	1.42058	1.42058	0.000268446	2.46614	2.46614	0.186836	0.809577	-1.23521	0.922773	1.01475	1.01475
cg14781735	GRIA3;GRIA3	0.00349337	0.0329162	0.452005	-2.21236	0.000128569	0.12018	-8.32083	0.977839	0.991198	-1.00888	0.0284655	0.439149	-2.27713	0.0143225	0.382466	-2.61461
cg12384989	GRIA3;GRIA3	0.00830106	0.000298326	0.00322162	-310.403	0.0170921	0.058786	-17.0108	0.239947	0.301344	-3.31846	0.617465	1.63374	1.63374	0.486074	0.501587	-1.99367
cg19994834	GRIA3;GRIA3	0.0246456	0.0805131	0.736309	-1.35812	0.0183116	0.636277	-1.57164	0.485352	0.894084	-1.11846	0.999612	0.999923	-1.00008	0.00238541	0.512428	-1.95149
cg01854931	GRIA3;GRIA3	0.0429605	0.0101053	0.382636	-2.61345	0.10884	0.595911	-1.6781	0.301855	0.728598	-1.3725	0.659139	1.14043	1.14043	0.872496	1.04869	1.04869
cg27368776	GRIA4;GRIA4	0.00411803	0.000684715	0.256381	-3.90044	0.639484	1.13179	1.13179	0.947871	1.01731	1.01731	0.0263571	0.501006	-1.99598	0.00555366	0.384415	-2.60136
cg21719418	GRIA4;GRIA4	0.00446138	0.00155271	0.285891	-3.49783	0.797242	1.07342	1.07342	0.297299	0.74278	-1.34629	0.00157658	0.286792	-3.48685	0.00294195	0.32502	-3.07673
cg00629688	GRIA4;GRIA4;GRIA4	0.0349034	0.0133614	0.0490284	-20.3963	0.0555693	0.118273	-8.455	0.629213	0.619566	-1.61403	0.0896534	0.158635	-6.30379	0.0103628	0.0417007	-23.9804
cg21217024	GRIA4;GRIA4;GRIA4;GRIA4	8.05E-06	0.22359	0.748919	-1.33526	0.866346	1.03882	1.03882	0.929486	1.02021	1.02021	0.238283	0.756313	-1.3222	0.169148	0.718045	-1.39267
cg20306837	GRIA4;GRIA4;GRIA4;GRIA4	0.0123306	0.000359362	0.330525	-3.02549	0.809631	0.954396	-1.04778	0.199902	1.2994	1.2994	0.133993	1.36692	1.36692	0.0411904	0.634102	-1.57703
cg04747226	GRIA4;GRIA4;GRIA4;GRIA4	0.0171143	0.998387	1.00114	1.00114	0.253199	1.9822	1.9822	0.274362	0.521418	-1.91785	0.000852745	0.0359579	-27.8103	0.473582	0.66108	-1.51268
cg01111718	GRIA4;GRIA4;GRIA4;GRIA4	0.0194025	0.557806	0.836001	-1.19617	0.0031265	3.39092	3.39092	0.389214	1.3056	1.3056	0.0459639	1.99616	1.99616	0.563755	1.19288	1.19288
cg20073686	GRIA4;GRIA4;GRIA4;GRIA4	0.0415131	0.463138	0.815454	-1.22631	0.755751	0.918292	-1.08898	0.00200945	3.28949	3.28949	0.673726	0.890758	-1.12264	0.60964	0.868773	-1.15105
cg03243226	GRIA4;GRIA4;GRIA4;GRIA4;GRIA4;GRIA4;GRIA4	0.0221286	0.232374	0.808404	-1.23701	0.268729	1.21497	1.21497	0.691778	1.068	1.068	0.0935906	0.723525	-1.38212	0.424771	1.14568	1.14568
cg20649951	GRID1	0.0054106	0.132048	0.682024	-1.46623	0.747062	1.07916	1.07916	0.0319483	0.553351	-1.80717	0.208927	0.732101	-1.36593	0.015546	0.497277	-2.01095

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04849856	0.209889	0.864134	-1.15723	0.000272619	0.517268	-1.93324	0.537496	1.07143	1.07143	0.430145	1.09307	1.09307	5.80329	1.12237	0.171914	1
cg08024316	0.534863	1.08352	1.08352	0.00103998	0.538094	-1.85841	0.395236	1.11754	1.11754	0.0254969	0.712631	-1.40325	5.72948	1.47808	0.229313	1
cg13518988	0.446143	1.11424	1.11424	0.000202747	0.419787	-2.38216	0.458341	1.11092	1.11092	0.11104	0.78519	-1.27358	5.43892	1.67143	0.273163	1
cg17072271	0.909194	0.956997	-1.04494	0.00404178	0.225955	-4.42566	0.659035	0.842763	-1.18657	0.0939086	2.03318	2.03318	4.52799	10.6432	2.08937	1
cg01884715	0.0112867	0.37514	-2.66567	0.00416645	0.30532	-3.27525	0.881677	1.04709	1.04709	0.0735178	0.539848	-1.85237	4.49834	6.80075	1.34385	1
cg20561261	0.101708	1.41765	1.41765	0.00682138	0.505245	-1.97924	0.787594	1.05401	1.05401	0.225619	0.780455	-1.2813	4.07755	2.45039	0.534174	1
cg01960575	0.0270778	0.46135	-2.16755	0.365991	0.7599	-1.31596	0.561242	1.18966	1.18966	0.078614	0.561314	-1.78153	3.88666	5.3795	1.2303	1
cg27110374	0.24995	0.656377	-1.52352	0.220554	0.636982	-1.5699	0.01473	2.86102	2.86102	0.486202	0.780537	-1.28117	3.58311	6.95879	1.72632	1
cg07044414	0.631685	0.863041	-1.15869	0.383396	0.761401	-1.31337	0.442446	1.26978	1.26978	0.953943	0.982539	-1.01777	3.48316	5.13096	1.3094	1
cg09509576	0.149162	1.26482	1.26482	0.872213	0.975849	-1.02475	0.330712	1.16466	1.16466	0.283445	0.844298	-1.18442	3.44276	1.25767	0.324719	1
cg00200289	0.00667174	0.204469	-4.89071	0.0998681	2.25515	2.25515	0.121226	0.468712	-2.1335	0.654248	1.22545	1.22545	5.34937	15.3172	2.86338	1
cg24158363	0.00788707	0.54726	-1.82729	0.00774308	0.546079	-1.83124	0.146726	1.31718	1.31718	0.307631	0.829619	-1.20537	4.46775	2.21367	0.440424	1
cg01692252	0.0100479	0.255823	-3.90895	0.000321847	0.0870004	-11.4942	0.00155228	0.148198	-6.74774	0.0270817	0.333548	-2.99807	10.9968	30.6628	2.47852	1
cg09923456	0.00235037	0.321853	-3.107	0.000139641	0.17258	-5.79442	0.00142927	0.291765	-3.42741	0.494541	0.830888	-1.20353	10.7777	12.1752	1.00415	1
cg25676215	0.0088915	0.377369	-2.64993	0.00121978	0.250223	-3.99643	0.0096153	0.383083	-2.6104	0.183366	0.661512	-1.51169	8.24431	11.1886	1.20633	1
cg03684977	0.267958	0.592359	-1.68817	0.000272631	0.0667373	-14.9841	0.00652094	0.201059	-4.97366	0.423116	1.44959	1.44959	7.19265	23.4586	2.89909	1
cg10516146	0.0401164	0.450806	-2.21825	0.00449613	0.28021	-3.56876	0.0393241	0.448932	-2.22751	0.0265545	2.41844	2.41844	6.83844	12.2205	1.58848	1
cg03627958	0.00488137	0.152722	-6.54783	0.000421905	0.0599643	-16.6766	0.0135009	0.214376	-4.66471	0.07412	0.367011	-2.72471	6.75265	27.1286	3.57109	1
cg22350872	0.13685	0.377539	-2.64873	0.000504427	0.0367	-27.248	0.00739928	0.122773	-8.14509	0.035215	0.225157	-4.44134	6.19401	36.2445	5.20137	1
cg17355719	0.133566	0.347245	-2.87981	0.00120854	0.0451282	-22.1591	0.0195508	0.158113	-6.3246	0.687901	0.768005	-1.30207	4.32448	29.264	6.01516	1
cg00697095	0.959275	1.02471	1.02471	0.0226914	0.271475	-3.68359	0.0136961	0.232885	-4.29396	0.204973	1.89512	1.89512	3.90165	14.1193	3.21672	1
cg00851111	2.60E-05	0.580789	-1.7218	0.00557943	1.26807	1.26807	0.00488053	0.78393	-1.27562	0.000145256	0.652617	-1.53229	33.4524	2.2553	0.0599273	1
cg10612997	0.0401111	1.18976	1.18976	8.90E-05	1.67185	1.67185	0.010642	0.790366	-1.26524	0.339659	0.930448	-1.07475	27.47	2.33454	0.0755421	1
cg02584498	0.156995	0.736021	-1.35866	0.000938146	0.368049	-2.71703	0.999968	1.00001	1.00001	0.000875105	0.363993	-2.74731	22.5947	14.6732	0.577254	1
cg00206058	0.104579	0.905052	-1.10491	7.09E-06	1.74771	1.74771	0.520004	1.03735	1.03735	0.0433041	0.877475	-1.13963	21.9328	1.09847	0.0445186	1
cg25808157	0.00518642	0.756307	-1.32221	0.000235629	1.58631	1.58631	0.626484	1.03783	1.03783	0.532964	1.04897	1.04897	11.5186	1.0454	0.0806738	1
cg10849854	0.257881	0.832683	-1.20094	0.0104732	1.64821	1.64821	0.163438	1.25944	1.25944	0.00116122	0.477191	-2.0956	9.40944	3.58429	0.338601	1
cg06190461	0.00142406	0.317714	-3.14748	0.1752	1.40517	1.40517	0.240751	1.33516	1.33516	0.00221128	0.346567	-2.88544	9.18314	7.77642	0.658634	1
cg10970045	0.128322	1.25093	1.25093	0.00549264	1.64412	1.64412	0.698744	0.948412	-1.05439	0.0611335	0.750215	-1.33295	5.71605	1.67924	0.261134	1
cg17851061	0.913176	0.983839	-1.01643	0.264432	1.18977	1.18977	0.188081	0.811913	-1.23166	0.165455	1.24731	1.24731	4.50625	1.59263	0.314158	1
cg03520448	0.00901469	0.269328	-3.71295	0.00172109	0.170774	-5.85569	0.478262	0.752125	-1.32957	0.137236	0.531278	-1.88225	4.3124	10.6625	2.19781	1
cg04699394	0.0195891	0.465132	-2.14992	0.0102765	0.415715	-2.4055	0.20218	0.69389	-1.44115	0.0429499	0.531436	-1.88169	4.2937	5.00835	1.03684	1
cg11534680	0.0092859	0.235995	-4.23738	0.00772619	0.223803	-4.46822	0.00623964	0.210261	-4.756	0.00552445	0.202835	-4.93011	10.1167	30.6644	2.69429	1
cg03877767	0.13571	0.563067	-1.77599	0.447386	0.758349	-1.31865	0.281457	0.670422	-1.4916	0.000634775	0.153406	-6.51866	8.32664	16.8267	1.7963	1
cg14653284	0.176457	1.31526	1.31526	0.00291266	2.18177	2.18177	0.638114	0.913619	-1.09455	0.00492665	0.491499	-2.03459	7.07091	4.0725	0.511957	1
cg15707428	0.76788	1.07115	1.07115	0.0659088	1.61478	1.61478	0.416486	1.21271	1.21271	0.0494318	0.594095	-1.68323	3.69584	3.15701	0.759294	1
cg01384111	0.164835	1.56775	1.56775	0.00411148	3.21558	3.21558	0.0552319	1.93377	1.93377	0.896429	0.961251	-1.04031	3.62743	5.29006	1.29631	1
cg25785303	0.030594	0.732574	-1.36505	0.395855	0.89897	-1.11238	0.00436339	1.59432	1.59432	0.228542	0.856588	-1.16742	17.4355	4.14311	0.211223	1
cg17208060	0.269962	0.737464	-1.356	0.465203	0.821153	-1.2178	0.279154	0.742078	-1.34757	0.00206866	0.316647	-3.15809	6.84853	7.62359	0.989485	1
cg16792978	0.413505	1.0778	1.0778	0.221696	1.122	1.122	0.0906717	0.846155	-1.18182	0.296307	0.907511	-1.10192	4.63788	0.589969	0.113073	1
cg10899175	0.211399	0.710694	-1.40707	0.520789	0.844651	-1.18392	0.994986	1.00163	1.00163	0.00279732	0.343488	-2.91131	3.82679	4.0778	0.947192	1
cg26631397	0.0811897	1.29437	1.29437	0.0222335	1.44163	1.44163	0.241375	1.17783	1.17783	0.131692	0.804785	-1.24257	6.93368	1.95613	0.250773	1
cg12473406	0.000691239	0.35388	-2.82582	5.70E-05	0.223482	-4.47464	0.00922329	0.515346	-1.94045	0.0918465	0.689182	-1.451	18.5259	11.8039	0.566363	1
cg07490808	0.0008633	0.219984	-4.54578	4.64E-05	0.0974937	-10.2571	0.0533283	0.514512	-1.94359	0.00134985	0.244282	-4.09362	18.2149	26.4406	1.2903	1
cg01655831	0.669669	1.04824	1.04824	0.000257558	0.516599	-1.93574	0.0931657	0.816455	-1.22481	0.808891	0.973747	-1.02696	6.03744	1.15267	0.169707	1
cg26518100	0.0187132	0.206454	-4.8437	0.0024052	0.0962292	-10.3919	0.00474111	0.125325	-7.97927	0.0196284	0.209938	-4.76332	5.29464	25.7069	4.3158	1
cg13366352	0.290735	0.896096	-1.11595	0.00422345	0.681619	-1.4671	0.296935	0.897444	-1.11428	0.159339	1.1624	1.1624	5.04542	0.800046	0.14095	1
cg03536375	0.364797	0.77655	-1.28775	0.0779165	0.587424	-1.70235	0.0209809	0.470392	-2.12589	0.175134	0.675973	-1.47935	3.95093	4.61492	1.03827	1
cg05109245	0.0580235	0.507354	-1.97101	0.855617	0.94395	-1.05938	0.28568	0.703871	-1.42072	0.70155	1.12969	1.12969	3.8573	6.12692	1.41191	1
cg13103179	0.728917	0.909878	-1.09905	0.00227147	3.18674	3.18674	0.520965	0.838104	-1.19317	0.820831	1.06351	1.06351	4.69203	5.47604	1.03742	1
cg17312492	0.0304941	0.534461	-1.87104	0.0116305	0.459722	-2.17523	0.811146	0.942723	-1.06076	0.971327	1.0089	1.0089	4.06897	3.91258	0.854723	1
cg08495115	0.016791	0.359426	-2.78221	0.200906	0.622728	-1.60584	0.161428	1.68937	1.68937	0.531293	1.24901	1.24901	4.08685	7.07365	1.73083	1
cg08823068	0.681694	1.1809	1.1809	0.00227322	0.17885	-5.59129	0.739188	0.873965	-1.14421	0.217215	0.592468	-1.68786	3.77011	9.70674	2.28859	1
cg06361667	0.457349	0.910277	-1.09857	0.920921	0.987742	-1.01241	0.426902	0.904152	-1.10601	0.133169	0.817733	-1.22289	37.9547	9.27333	0.217179	1
cg01809217	0.606847	1.10571	1.10571	0.0270771	1.65966	1.65966	6.73E-05	4.10798	4.10798	0.00832458	0.52053	-1.92112	18.1328	10.7633	0.527628	1
cg02031308	0.179522	0.82263	-1.21561	0.688915	0.946379	-1.05666	0.329074	1.14792	1.14792	0.00616501	0.613062	-1.63116	15.2015	4.51571	0.26405	1
cg02577267	0.530141	0.78868	-1.26794	0.282741	1.51686	1.51686	0.000773179	6.6838	6.6838	0.00226107	0.202916	-4.92815	14.9338	32.9559	1.9616	1
cg06086611	0.0024067	0.355816	-2.81044	0.0105899	0.455766	-2.19411	0.972101	0.991488	-1.00858	0.000709089	0.283406	-3.52851	13.334	12.6166	0.841068	1
cg25623271	0.294211	0.772863	-1.29389	0.000730141	3.37398	3.37398	0.0128778	2.07786	2.07786	0.464368	1.19287	1.19287	12.0819	10.7319	0.789567	1
cg18592459	0.0067327	0.232459	-4.30183	0.000646402	0.113812	-8.78645	0.0189551	0.307318	-3.25396	0.0155879	0.291852	-3.4264	8.20902	22.4193	2.4276	1
cg22879626	0.805181	1.06878	1.06878	0.383867	1.27169	1.27169	0.0124346	2.3102	2.3102	0.00458996	0.362163	-2.76119	7.26591	8.33798	1.02004	1
cg04391463	0.837659	0.937543	-1.06662	0.108939	0.577204	-1.73249	0.00209694	3.89796	3.89796	0.0267333	0.438168	-2.28223	6.73293	10.5378	1.39122	1
cg00081729	0.26039	0.559789	-1.78639	0.949231	1.03197	1.03197	0.0604838	2.84686	2.84686	0.0241718	0.264866	-3.77549	5.66594	21.9201	3.43889	1
cg18287066	0.0394166	0.414763	-2.41102	0.0103207	0.303146	-3.29874	0.189575	0.598569	-1.67065	0.00831411	0.287677	-3.47612	5.49819	11.8784	1.92038	1
cg09107161	0.0157182	0.290517	-3.44213	0.00283089	0.179668	-5.56583	0.15496	0.529641	-1.88807	0.101882	0.473476	-2.11204	5.07796	14.0218	2.45449	1
cg11504078	0.184616	0.506963	-1.97253	0.0107273	0.212686	-4.70176	0.00452677	0.16103	-6.21002	0.265196	0.570885	-1.75166	4.92723	18.1872	3.28103	1
cg26155556	0.577709	1.24291	1.24291	0.0109381	0.290874	-3.43791	0.0232878	0.350508	-2.853	0.83541	1.08377	1.08377	4.54505	10.7613	2.10463	1
cg00949801	0.519944	1.27654	1.27654	0.0174229	0.338378	-2.95528	0.056323	0.445319	-2.24558	0.313605	1.47717	1.47717	3.73365	8.28579	1.97264	1
cg03593823	0.41842	1.20417	1.20417	0.579722	0.881884	-1.13394	0.364272	1.23305	1.23305	0.0901872	0.657308	-1.52136	3.59102	2.87162	0.710815	1
cg19356905	0.769059	0.965468	-1.03577	0.455376	0.913244	-1.095	0.451232	1.09595	1.09595	0.692967	1.04851	1.04851	5.82981	1.31547	0.200574	1
cg06353127	0.805377	1.07984	1.07984	0.0374624	2.1196	2.1196	0.193562	1.53425	1.53425	0.659573	1.14789	1.14789	3.60337	5.52495	1.36291	1
cg24413369	0.547884	0.92234	-1.0842	3.74E-05	0.34889	-2.86624	0.0100882	0.64948	-1.53969	0.677769	1.05712	1.05712	9.51645	2.6637	0.248805	1
cg14549427	0.0878904	0.471976	-2.11875	0.0004134	0.107093	-9.33767	0.879198	0.941175	-1.0625	0.0488936	0.408004	-2.45096	8.61841	21.689	2.23697	1
cg18761223	0.798917	0.957974	-1.04387	0.0402487	0.671277	-1.4897	0.0958118	0.735157	-1.36025	0.0632008	0.703681	-1.4211	6.00146	2.68873	0.398233	1
cg10162971	0.135975	0.389701	-2.56607	0.000700549	0.0482464	-20.7269	0.00572034	0.119415	-8.37412	0.0589852	0.28629	-3.49297	5.6186	30.6141	4.8433	1
cg22330749	0.191364	0.682923	-1.46429	0.00124098	0.272213	-3.67359	0.0592841	0.555974	-1.79865	0.00722415	0.384536	-2.60054	5.33981	6.42814	1.07006	1
cg02272334	0.780557	1.04105	1.04105	0.0563788	1.36505	1.36505	0.284717	0.852092	-1.17358	0.576875	0.922018	-1.08458	4.76974	1.56727	0.292077	1
cg20648229	0.329041	0.744975	-1.34233	0.0889329	0.57792	-1.73034	0.868806	1.0495	1.0495	0.00665586	0.357326	-2.79856	4.51506	6.10777	1.20245	1
cg15679829	0.0012028	0.56055	-1.78396	0.388935	1.11376	1.11376	0.963292	1.00563	1.00563	0.462267	1.09562	1.09562	11.3751	2.68266	0.209632	1
cg14686437	0.978125	0.994785	-1.00524	0.488656	0.874457	-1.14357	0.0215017	1.69327	1.69327	0.00703132	0.514519	-1.94356	11.0008	6.3363	0.511988	1
cg25330243	0.0845624	2.50474	2.50474	0.0129205	4.41607	4.41607	0.00748347	5.24416	5.24416	0.0138995	4.31737	4.31737	7.07983	25.9732	3.26099	1
cg10899768	0.127188	1.89546	1.89546	0.00100626	6.63468	6.63468	0.00276485	4.95446	4.95446	0.687982	1.16941	1.16941	6.74418	16.0519	2.11566	1
cg17885542	0.0405159	0.620659	-1.61119	0.0143214	0.543966	-1.83835	0.036911	1.63012	1.63012	0.0886121	1.46043	1.46043	5.9193	3.81101	0.572291	1
cg03273057	0.540224	1.10411	1.10411	0.0428148	1.4512	1.4512	0.512884	0.899425	-1.11182	0.225652	0.81608	-1.22537	5.27119	2.12993	0.359174	1
cg20574490	0.120254	3.44641	3.44641	0.00394597	17.2328	17.2328	0.0223845	7.45518	7.45518	0.0177674	8.29876	8.29876	5.16674	44.106	7.58803	1
cg04161294	0.0344142	0.426877	-2.3426	0.0555299	0.472986	-2.11423	0.400401	0.743048	-1.34581	0.0411589	0.443589	-2.25434	4.88852	9.21691	1.67593	1
cg11397370	0.0223153	4.15693	4.15693	0.0305688	3.75155	3.75155	0.0205018	4.27413	4.27413	0.0329458	3.6615	3.6615	4.5294	19.4213	3.8114	1
cg05458052	0.370639	0.714466	-1.39965	0.0112335	0.312954	-3.19536	0.624992	0.835136	-1.19741	0.959579	0.981635	-1.01871	4.2391	8.9799	1.88298	1
cg16688483	0.225896	2.51417	2.51417	0.00344461	17.8132	17.8132	0.0145792	8.85541	8.85541	0.069612	4.35451	4.35451	4.08726	34.0229	7.39922	1
cg16435779	0.159603	4.04101	4.04101	0.319612	2.60047	2.60047	0.00922525	21.564	21.564	0.0967513	5.44189	5.44189	3.65669	50.0057	12.1557	1
cg23973429	0.211604	1.9128	1.9128	0.00014548	25.1036	25.1036	0.00442934	6.49925	6.49925	0.0367543	3.30612	3.30612	9.59149	36.8981	3.41952	1
cg14202477	0.367782	0.734213	-1.362	0.000817808	5.39059	5.39059	0.0215818	2.51306	2.51306	0.2908	1.44211	1.44211	6.36336	11.2401	1.57011	1
cg01119512	0.273113	1.11884	1.11884	0.00212144	0.653605	-1.52998	0.000117743	0.514911	-1.94208	0.00125539	0.62889	-1.5901	17.1712	2.63619	0.136466	1
cg20242797	0.888534	0.971275	-1.02957	0.00933674	0.503983	-1.9842	0.173926	1.35071	1.35071	0.301353	1.24925	1.24925	14.1222	9.66035	0.608047	1
cg12757705	0.192491	1.25711	1.25711	0.12855	1.31324	1.31324	0.483145	0.888499	-1.12549	0.00114139	2.21119	2.21119	9.62451	4.19434	0.387376	1
cg15050111	0.379462	0.82361	-1.21417	0.161772	0.725012	-1.37929	0.0607668	1.57614	1.57614	0.236408	1.30607	1.30607	8.25931	6.05967	0.652157	1
cg14167629	0.0848062	1.32799	1.32799	0.121827	0.779111	-1.28351	0.0864467	1.32562	1.32562	0.847672	1.02904	1.02904	7.36677	2.58444	0.311843	1
cg19697558	0.514818	0.824867	-1.21232	0.000238367	0.169699	-5.8928	0.0721052	0.557023	-1.79526	0.611771	1.1609	1.1609	6.95079	9.35396	1.19621	1
cg27298252	0.909772	1.03192	1.03192	0.00834897	0.392834	-2.5456	0.0351795	0.506548	-1.97415	0.0252338	0.478229	-2.09105	4.80557	5.84864	1.08183	1
cg16155382	0.19169	0.675388	-1.48063	0.00629691	0.364066	-2.74675	0.0435396	0.517348	-1.93294	0.0756112	0.570304	-1.75345	4.21266	5.37941	1.13508	1
cg02984188	0.0911157	0.500962	-1.99616	0.0156246	0.332537	-3.00718	0.0275759	0.37993	-2.63206	0.685706	0.859745	-1.16314	3.72125	8.13133	1.94231	1
cg09662754	0.0137645	2.85289	2.85289	0.273677	0.675612	-1.48014	0.220182	0.641615	-1.55857	0.0896619	1.90427	1.90427	3.70504	6.95383	1.66832	1
cg04552500	0.0683724	1.56771	1.56771	0.00018345	0.248268	-4.02791	0.0144228	0.514579	-1.94333	0.283837	1.27805	1.27805	9.35733	7.19517	0.683497	1
cg26365938	0.421431	0.90997	-1.09894	9.60E-05	0.450518	-2.21967	0.0986983	0.812211	-1.23121	0.746257	0.96339	-1.038	9.15365	1.91313	0.185779	1
cg21289280	0.0145694	3.90827	3.90827	0.671175	0.824105	-1.21344	0.767393	1.14382	1.14382	0.0884674	2.34303	2.34303	7.38533	24.0056	2.88928	1
cg23820945	0.588541	0.866937	-1.15349	0.00336698	0.352482	-2.83703	0.404384	1.24989	1.24989	0.853449	0.952806	-1.04953	4.60147	4.98128	0.962258	1
cg22176324	0.773434	1.02825	1.02825	0.072784	0.824355	-1.21307	0.650364	0.956921	-1.04502	9.61E-07	3.47783	3.47783	23.5328	3.47092	0.131105	1
cg20325200	0.0320691	0.647869	-1.54352	0.144878	0.762887	-1.31081	0.195198	0.78913	-1.26722	0.0126876	0.585404	-1.70822	13.5202	6.39784	0.420629	1
cg14616251	0.506978	1.25383	1.25383	0.0385365	2.23742	2.23742	0.454908	0.774345	-1.29141	0.000877474	5.34519	5.34519	5.92532	10.5944	1.58932	1
cg11155431	0.138312	0.584813	-1.70995	0.00130721	0.207346	-4.82287	0.0238905	0.404067	-2.47484	0.0588225	0.487978	-2.04927	5.38267	9.63555	1.59121	1
cg21273275	0.0570114	5.52288	5.52288	0.00456855	20.0188	20.0188	0.168215	3.20679	3.20679	0.365373	2.09177	2.09177	4.12571	41.1444	8.86459	1
cg12405265	0.387231	0.658554	-1.51848	0.0219955	0.273941	-3.65042	0.049743	0.348225	-2.8717	0.101218	0.429191	-2.32996	3.69555	13.001	3.12713	1
cg14282215	0.081414	0.795007	-1.25785	0.00705824	0.661296	-1.51218	0.210245	1.16977	1.16977	0.00137507	0.576223	-1.73544	18.2877	4.08556	0.198582	1
cg13434631	2.43E-05	0.071755	-13.9363	0.0615825	0.517	-1.93423	0.0153126	0.393478	-2.54144	0.21809	0.666368	-1.50067	9.72196	15.1145	1.38194	1
cg20668321	0.0367624	0.341839	-2.92535	0.0465676	0.364796	-2.74126	0.0633583	0.397012	-2.51881	0.0222298	0.297427	-3.36217	7.22442	22.3978	2.75582	1
cg13583454	0.800012	1.08085	1.08085	0.0188533	2.38985	2.38985	0.106419	1.71592	1.71592	0.0610286	1.90903	1.90903	5.23896	7.78269	1.32048	1
cg08578734	0.0183891	0.601119	-1.66356	0.0130366	0.578071	-1.72989	0.951213	0.989172	-1.01095	0.190005	1.28014	1.28014	5.08005	2.54711	0.445683	1
cg26343183	0.341727	0.604478	-1.65432	0.0912019	0.384456	-2.60108	0.520619	0.715628	-1.39737	0.0237637	0.249893	-4.00171	4.14691	17.3413	3.71711	1
cg23165500	0.102992	0.559975	-1.78579	0.0999297	0.556516	-1.79689	0.0462199	0.475944	-2.10109	0.704925	1.13165	1.13165	3.55476	5.94977	1.48778	1
cg16777106	0.000119049	0.279757	-3.57453	0.803958	0.954022	-1.04819	0.0320161	1.6087	1.6087	0.366481	0.83897	-1.19194	21.4464	12.1648	0.504195	1
cg02757172	0.670904	0.874712	-1.14323	0.103416	0.57245	-1.74688	0.621218	0.855565	-1.16882	0.0891675	1.79872	1.79872	5.33656	8.29029	1.38088	1
cg00699993	0.382989	0.783516	-1.2763	0.00105494	0.266836	-3.74762	0.552534	1.17805	1.17805	0.713738	0.904409	-1.10569	5.26219	6.19762	1.0469	1
cg24452260	0.234188	0.831465	-1.2027	0.153453	0.797553	-1.25383	0.0192435	0.657646	-1.52057	0.00198313	1.90891	1.90891	4.79524	1.66344	0.308351	1
cg13914083	0.8789	1.02194	1.02194	0.028046	0.691127	-1.44691	0.287828	0.854609	-1.17013	0.11838	1.27299	1.27299	4.34425	1.39459	0.28535	1
cg26739975	0.755841	0.815644	-1.22603	0.965688	0.972288	-1.0285	0.986327	1.01126	1.01126	0.689737	1.29974	1.29974	4.0499	27.3766	6.00873	1
cg23734973	0.851333	1.02968	1.02968	0.8441	0.969778	-1.03116	0.780953	1.04441	1.04441	0.965637	1.00674	1.00674	3.39601	1.30671	0.342024	1
cg25148589	0.398596	0.877678	-1.13937	0.442412	0.888479	-1.12552	0.308813	1.17236	1.17236	0.00358852	1.81377	1.81377	7.21502	2.60452	0.320876	1
cg14781735	0.0399482	0.469673	-2.12914	0.408133	0.763926	-1.30903	0.980024	0.992063	-1.008	0.07698	1.86992	1.86992	8.17845	13.1207	1.42605	1
cg12384989	0.118935	0.192082	-5.2061	0.860693	1.18678	1.18678	0.780309	0.761414	-1.31335	0.00594952	0.0300108	-33.3214	6.27074	94.3824	13.3789	1
cg19994834	0.0446174	0.69482	-1.43922	0.117	0.764225	-1.30851	0.900291	0.980401	-1.01999	0.115468	1.31025	1.31025	4.37891	1.7293	0.351036	1
cg01854931	0.280371	0.71737	-1.39398	0.112787	0.599911	-1.66691	0.0145807	2.43641	2.43641	0.586232	1.17668	1.17668	3.58708	4.97816	1.2336	1
cg27368776	0.0130161	0.445494	-2.2447	0.0412977	1.85462	1.85462	0.0146293	0.454352	-2.20094	0.145793	0.663777	-1.50653	7.78391	8.48933	0.969445	1
cg21719418	0.0133954	0.430474	-2.32302	0.153097	0.65636	-1.52355	0.370499	1.28798	1.28798	0.0108858	0.414877	-2.41035	7.59756	9.11298	1.06619	1
cg00629688	0.115786	0.18598	-5.37693	0.0163654	0.0557077	-17.9508	0.0382436	0.094126	-10.6241	0.0225339	0.0679895	-14.7082	3.871	59.3613	13.631	1
cg21217024	0.343326	0.801928	-1.24699	5.64E-08	0.0149228	-67.0117	0.863008	1.03982	1.03982	0.279964	1.28911	1.28911	42.911	34.7469	0.719772	1
cg20306837	0.425441	0.854353	-1.17048	0.318166	0.819101	-1.22085	0.272157	0.801665	-1.2474	0.318048	0.819059	-1.22091	5.5245	3.27276	0.526584	1
cg04747226	0.53276	0.698912	-1.4308	0.0333984	0.225921	-4.42633	0.641647	0.767053	-1.30369	0.0558975	3.59829	3.59829	6.44924	30.9857	3.20303	1
cg01111718	0.222134	1.47367	1.47367	0.0140194	2.50109	2.50109	0.00301746	3.41677	3.41677	0.275659	1.40876	1.40876	4.75322	6.8749	1.28566	1
cg20073686	0.772817	1.08228	1.08228	0.0713167	0.576811	-1.73367	0.311278	0.751135	-1.33132	0.150287	1.52384	1.52384	3.63299	4.29374	1.05056	1
cg03243226	0.0336242	1.57569	1.57569	0.00319436	0.436206	-2.2925	?	?	?	0.0994373	1.37187	1.37187	7.15675	2.50369	0.218648	1
cg20649951	0.00698235	0.439782	-2.27385	0.0004106	0.266915	-3.74651	0.129234	0.679808	-1.471	0.0670155	1.62148	1.62148	7.16349	6.28846	0.78031	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04988098	GRID1	0.00867568	0.173591	1.98251	1.98251	0.0270152	0.290068	-3.44747	0.141016	2.11353	2.11353	0.334774	0.624876	-1.60032	0.00268187	0.140636	-7.11055
cg05404309	GRID1	0.00877261	0.00017906	0.109846	-9.10369	0.576619	1.21693	1.21693	0.40793	0.744806	-1.34263	0.524208	0.798796	-1.25188	0.529457	0.801123	-1.24825
cg24815842	GRID1	0.00972802	0.00685995	0.190935	-5.23737	0.0832042	0.403703	-2.47707	0.010532	0.218249	-4.58193	0.147254	0.479247	-2.0866	0.295672	0.59877	-1.67009
cg03370738	GRID1	0.011593	0.580814	1.06479	1.06479	0.399373	1.10198	1.10198	0.000839024	1.76035	1.76035	0.366685	1.11003	1.11003	0.207465	1.16139	1.16139
cg07712541	GRID1	0.0118874	0.0138706	4.26734	4.26734	0.0043623	6.15607	6.15607	0.0617128	2.7299	2.7299	0.0319379	3.31898	3.31898	0.055698	2.81421	2.81421
cg04422256	GRID1	0.014235	0.0915522	2.22242	2.22242	0.00958321	4.09533	4.09533	0.0241995	3.1743	3.1743	0.12048	2.06247	2.06247	0.0198283	3.35024	3.35024
cg23877683	GRID1	0.0166302	0.8877	1.01975	1.01975	0.0443115	0.726371	-1.37671	0.828644	1.03045	1.03045	0.0916634	0.773355	-1.29307	0.110812	1.27181	1.27181
cg24057204	GRID1	0.0171018	0.00303088	0.272112	-3.67496	0.0526763	0.493783	-2.02518	0.22363	0.663915	-1.50622	0.114981	0.577483	-1.73165	0.113131	0.575579	-1.73738
cg23813514	GRID1	0.0305306	0.160905	1.17603	1.17603	0.0366636	0.768848	-1.30065	0.0766614	0.807992	-1.23764	0.606127	1.05793	1.05793	0.00417959	1.51516	1.51516
cg22876092	GRID1	0.0312406	0.362411	0.847138	-1.18045	0.796197	1.04693	1.04693	0.0378802	0.652703	-1.53209	0.557081	1.11098	1.11098	0.0165288	1.68022	1.68022
cg03052869	GRID1	0.0312638	0.0126658	0.336121	-2.97512	0.781353	0.906744	-1.10285	0.166979	1.67928	1.67928	0.0105575	0.322457	-3.10119	0.91819	0.964497	-1.03681
cg19014941	GRID1	0.0317848	0.134479	0.774422	-1.29129	0.0120404	0.608922	-1.64225	0.207259	0.810038	-1.23451	0.10503	0.755333	-1.32392	0.0105205	0.600536	-1.66518
cg15393903	GRID1	0.0353273	0.226823	0.631707	-1.58301	0.0127743	0.326361	-3.06409	0.790528	0.908129	-1.10117	0.788021	0.907051	-1.10247	0.0501777	0.445628	-2.24402
cg26271970	GRID1;MIR346	0.0192036	0.0220517	0.674522	-1.48253	0.459736	1.11398	1.11398	0.0931587	0.767309	-1.30326	0.890995	0.980529	-1.01986	0.0024217	0.545736	-1.83239
cg17210014	GRID1;MIR346	0.036024	0.107678	0.634183	-1.57683	0.0484506	0.557175	-1.79477	0.0126017	0.44721	-2.23609	0.937612	1.02051	1.02051	0.311101	0.76196	-1.3124
cg21852439	GRID2	0.000126647	0.481912	1.15544	1.15544	0.0602413	1.53477	1.53477	0.165254	1.34875	1.34875	0.716481	0.92893	-1.07651	0.774764	0.943658	-1.05971
cg00833989	GRID2	0.000273477	0.558703	0.96399	-1.03735	1.94E-05	1.7122	1.7122	0.104102	1.1165	1.1165	0.0227272	0.844422	-1.18424	0.412544	1.05333	1.05333
cg08684581	GRID2	0.000775641	0.696965	0.88611	-1.12853	0.280638	1.4141	1.4141	0.0800307	0.548753	-1.82231	0.819175	1.07331	1.07331	0.000374593	0.172457	-5.79855
cg07733446	GRID2	0.00369056	0.383803	0.849093	-1.17773	0.045908	1.52065	1.52065	0.0091376	1.83411	1.83411	0.916956	0.981076	-1.01929	0.000352094	2.86281	2.86281
cg16961528	GRID2	0.00379013	0.114538	0.462905	-2.16027	0.0175073	0.273168	-3.66075	0.00362793	0.170951	-5.84963	0.139001	0.489369	-2.04345	0.0027907	0.157314	-6.35672
cg09102610	GRID2	0.00515504	0.247705	0.831678	-1.20239	0.413115	0.880201	-1.1361	0.274305	1.18943	1.18943	0.00864014	0.600139	-1.66628	0.0779844	1.34807	1.34807
cg08936411	GRID2	0.0056799	0.00797386	1.63537	1.63537	0.003296	0.56046	-1.78425	0.0107172	0.628882	-1.59012	0.843614	1.02898	1.02898	0.700716	0.945678	-1.05744
cg20934765	GRID2	0.00869027	0.493572	1.14342	1.14342	0.0175021	0.572658	-1.74624	0.300197	0.813057	-1.22993	0.64276	1.09422	1.09422	0.560038	1.12031	1.12031
cg05873487	GRID2	0.0118075	0.238109	1.60466	1.60466	0.0566283	2.28365	2.28365	0.0163821	3.07354	3.07354	0.344513	0.688921	-1.45155	0.00412575	0.229432	-4.3586
cg11416276	GRID2	0.0162948	0.00227185	0.183804	-5.44059	0.0200977	0.328703	-3.04226	0.0506821	0.413363	-2.41918	0.0769934	0.458318	-2.18189	0.00528929	0.232567	-4.29984
cg23985818	GRID2	0.0166084	0.129282	0.738379	-1.35432	0.00870289	1.85641	1.85641	0.550969	1.11811	1.11811	0.329808	0.830199	-1.20453	0.0023714	0.456453	-2.19081
cg21205364	GRID2	0.0180427	0.0448206	0.515009	-1.94171	0.000906846	0.239317	-4.17856	0.809141	0.932651	-1.07221	0.647379	1.14191	1.14191	0.00770785	0.372904	-2.68166
cg11486133	GRID2	0.0221507	0.784971	0.947943	-1.05492	0.141151	1.36254	1.36254	0.0445306	1.56981	1.56981	0.120764	1.38946	1.38946	0.0138184	0.551685	-1.81263
cg19653783	GRID2	0.027328	0.104665	0.618662	-1.61639	0.967089	1.01123	1.01123	0.389833	0.787739	-1.26946	0.85696	1.05006	1.05006	0.00234471	0.316709	-3.15747
cg04010040	GRID2	0.0331892	0.67355	0.862961	-1.1588	0.347225	0.714144	-1.40028	0.344621	0.712766	-1.40298	0.0371894	0.431107	-2.31961	0.000957573	0.180614	-5.53667
cg21187769	GRID2	0.0405778	0.0367272	1.66675	1.66675	0.615207	0.898798	-1.1126	0.0405234	1.64543	1.64543	0.13057	1.41019	1.41019	0.0520141	1.5926	1.5926
cg15791815	GRID2	0.0482973	0.00824984	0.136055	-7.34994	0.092278	0.334873	-2.9862	0.103008	0.348868	-2.86642	0.441948	0.629453	-1.58868	0.00946831	0.143532	-6.96709
cg12187165	GRID2IP	0.000303873	0.132263	1.30258	1.30258	0.041903	1.46457	1.46457	0.00267897	1.96486	1.96486	3.24E-05	0.268541	-3.72383	0.545698	1.10463	1.10463
cg05228573	GRID2IP	0.000386921	0.0211593	0.740685	-1.3501	0.00675056	0.683641	-1.46276	0.00618839	0.679336	-1.47202	0.000196862	0.507752	-1.96947	2.53E-05	0.404397	-2.47282
cg08403869	GRID2IP	0.000610576	0.00360229	0.520827	-1.92002	0.000269608	0.371947	-2.68855	0.0240471	0.640529	-1.56121	0.0173086	0.618885	-1.61581	0.248096	1.22123	1.22123
cg03519145	GRID2IP	0.00110012	0.955049	1.01339	1.01339	0.345912	1.25746	1.25746	0.0158686	0.49796	-2.00819	0.615521	1.12694	1.12694	0.00253711	0.372024	-2.688
cg21851956	GRID2IP	0.00197506	0.284374	1.11484	1.11484	0.806731	0.976324	-1.02425	0.000133767	0.52358	-1.90993	0.00231311	0.659628	-1.51601	0.05348	0.807022	-1.23912
cg26988895	GRID2IP	0.00223853	?	?	?	0.0253624	2.15415	2.15415	0.0877813	1.72299	1.72299	0.0686323	1.80124	1.80124	?	?	?
cg18707952	GRID2IP	0.00259702	0.0868517	0.728742	-1.37223	0.0012513	0.45444	-2.20051	0.0382647	0.669109	-1.49452	0.0133222	0.598638	-1.67046	0.180714	0.788336	-1.26849
cg05413957	GRID2IP	0.0037858	0.674158	1.05423	1.05423	0.018685	0.700508	-1.42754	0.0111433	0.672118	-1.48783	0.0727066	1.28407	1.28407	0.647887	1.0591	1.0591
cg04747300	GRID2IP	0.00408787	0.00385853	0.242715	-4.12005	0.427726	0.744922	-1.34242	0.00159807	0.19265	-5.19076	0.209408	0.618078	-1.61792	0.0087547	0.296875	-3.36842
cg01308419	GRID2IP	0.00617381	0.0145447	2.90582	2.90582	0.025696	2.55751	2.55751	0.941029	1.02657	1.02657	0.0261157	2.54832	2.54832	0.0927907	1.92601	1.92601
cg26593262	GRID2IP	0.00832069	0.297987	0.776896	-1.28717	0.000540539	0.283973	-3.52146	0.073015	0.626323	-1.59662	0.586613	1.13709	1.13709	0.00147147	0.341601	-2.92739
cg05577902	GRID2IP	0.009406	0.0426244	0.821318	-1.21756	0.396351	1.076	1.076	0.576045	1.04879	1.04879	0.00740872	1.33767	1.33767	0.0672668	1.18879	1.18879
cg15701579	GRID2IP	0.012389	0.346819	0.822978	-1.2151	0.00370684	0.454493	-2.20025	0.268479	0.793113	-1.26085	0.0238819	0.581521	-1.71963	0.00674053	0.493391	-2.02679
cg25340758	GRID2IP	0.0130187	0.0796555	0.715527	-1.39757	0.133921	1.3207	1.3207	0.659393	1.07932	1.07932	0.714244	1.06533	1.06533	0.00109655	0.436693	-2.28994
cg09382002	GRID2IP	0.0173747	0.00225038	0.359843	-2.77899	0.35699	0.797376	-1.25411	0.0511676	0.588144	-1.70027	0.384519	1.23752	1.23752	0.180574	0.711893	-1.40471
cg08066707	GRID2IP	0.0363067	0.249087	0.607846	-1.64515	0.021604	0.319816	-3.1268	0.0153443	0.29238	-3.42021	0.118051	0.495921	-2.01645	0.00325835	0.190565	-5.24756
cg03486847	GRID2IP	0.0401416	0.0279722	0.485578	-2.0594	0.0290957	0.488915	-2.04535	0.00369368	0.335663	-2.97917	0.416998	1.25958	1.25958	0.0553069	0.546391	-1.83019
cg09199698	GRIK1;GRIK1	0.00849843	0.174374	0.885129	-1.12978	0.102123	1.1631	1.1631	0.00375623	1.39149	1.39149	0.223684	0.89766	-1.11401	0.112833	1.15692	1.15692
cg07028661	GRIK1;GRIK1	0.0137425	0.42998	0.784382	-1.27489	0.170429	1.55287	1.55287	0.748795	1.1017	1.1017	0.0242954	2.24649	2.24649	0.120593	0.601981	-1.66118
cg09787442	GRIK1;NCRNA00110;GRIK1	0.000732965	0.314327	0.776291	-1.28818	0.0136587	0.476012	-2.10079	0.00218272	0.351313	-2.84647	0.000165461	0.209699	-4.76874	7.31E-05	0.172779	-5.78775
cg05942459	GRIK2;GRIK2;GRIK2	0.000580191	3.32E-05	0.0371295	-26.9327	0.174787	0.554224	-1.80432	0.0664541	2.3202	2.3202	0.00808623	4.0026	4.0026	?	?	?
cg12389770	GRIK2;GRIK2;GRIK2	0.00174657	0.130558	0.741737	-1.34819	0.403791	0.855286	-1.1692	0.00549941	1.95001	1.95001	0.0215084	1.65746	1.65746	0.129085	0.740751	-1.34998
cg24432193	GRIK2;GRIK2;GRIK2	0.00188541	0.000621234	0.188741	-5.29827	0.0468061	2.05589	2.05589	0.2135	0.660478	-1.51406	0.0305364	0.447162	-2.23633	0.00256752	0.266087	-3.75817
cg13080565	GRIK2;GRIK2;GRIK2	0.00508428	0.0355386	1.72872	1.72872	0.094795	0.6632	-1.50784	0.270319	1.2927	1.2927	0.000854407	3.06661	3.06661	0.329912	0.798603	-1.25219
cg02011392	GRIK2;GRIK2;GRIK2	0.00622737	0.469508	1.51719	1.51719	0.000251304	0.032702	-30.5792	0.845707	0.895503	-1.11669	0.329229	1.76903	1.76903	0.556396	0.713894	-1.40077
cg27074174	GRIK2;GRIK2;GRIK2	0.00752493	0.681389	1.05096	1.05096	0.85754	0.978598	-1.02187	0.980022	1.00302	1.00302	0.00593058	1.54235	1.54235	0.00489306	0.638246	-1.56679
cg14082127	GRIK2;GRIK2;GRIK2	0.0130244	0.946243	0.983595	-1.01668	0.0820808	0.623406	-1.60409	0.227191	1.36478	1.36478	0.0250745	1.92271	1.92271	0.842908	0.952493	-1.04988
cg22851944	GRIK2;GRIK2;GRIK2	0.0146158	0.825152	0.947013	-1.05595	0.778509	1.07184	1.07184	0.224923	1.36838	1.36838	0.0258548	1.91748	1.91748	0.0067785	0.421719	-2.37125
cg11976671	GRIK2;GRIK2;GRIK2	0.0158588	0.466851	0.874084	-1.14405	0.608374	1.09849	1.09849	0.0547899	0.673058	-1.48576	0.97465	0.994241	-1.00579	0.146457	0.75328	-1.32753
cg01737026	GRIK2;GRIK2;GRIK2	0.0215356	0.950546	1.02197	1.02197	0.411274	0.745002	-1.34228	0.169286	1.67038	1.67038	0.0283006	2.47732	2.47732	0.63723	0.846684	-1.18108
cg00135293	GRIK2;GRIK2;GRIK2	0.0236624	0.0320385	0.313278	-3.19205	0.376351	0.657376	-1.5212	0.81529	0.897508	-1.1142	0.206956	0.540641	-1.84966	0.000991876	0.104266	-9.59084
cg23666299	GRIK2;GRIK2;GRIK2	0.0312609	0.667226	1.13367	1.13367	0.609493	1.16117	1.16117	0.412673	0.784325	-1.27498	0.390796	1.29052	1.29052	0.185112	0.665227	-1.50325
cg05666036	GRIK2;GRIK2;GRIK2	0.03335	0.141455	0.639539	-1.56363	0.363764	1.30194	1.30194	0.39344	1.28035	1.28035	0.551785	0.843497	-1.18554	0.020558	0.45442	-2.20061
cg21615915	GRIK2;GRIK2;GRIK2	0.0495104	0.553565	1.19288	1.19288	0.00808293	2.71364	2.71364	0.0336041	2.07608	2.07608	0.836554	0.941014	-1.06268	0.513368	0.82277	-1.21541
cg10591607	GRIK2;GRIK2;GRIK2;GRIK2;GRIK2;GRIK2	0.0166638	0.209022	0.81159	-1.23215	0.00749476	0.581216	-1.72053	0.279661	1.19384	1.19384	0.0343891	1.47553	1.47553	0.653271	1.07389	1.07389
cg24301620	GRIK2;GRIK2;GRIK2;GRIK2;GRIK2;GRIK2	0.0294309	0.90669	0.977336	-1.02319	0.259143	0.794405	-1.2588	0.0116368	1.85253	1.85253	0.0343425	1.6203	1.6203	0.239017	0.785777	-1.27263
cg26316946	GRIK2;GRIK2;GRIK2;GRIK2;GRIK2;GRIK2	0.0400509	0.726501	0.939157	-1.06478	0.720371	1.06636	1.06636	0.00405198	1.99341	1.99341	0.0278371	1.5915	1.5915	0.484512	1.1354	1.1354
cg16911275	GRIK3	0.000419648	0.0969525	0.666596	-1.50016	0.00255767	0.39401	-2.53801	0.000918269	0.332008	-3.01197	0.151948	0.710575	-1.40731	0.127028	0.692541	-1.44396
cg11836212	GRIK3	0.00111634	0.184409	1.35444	1.35444	0.0459759	0.610874	-1.637	0.620356	1.1136	1.1136	0.106335	1.46232	1.46232	5.37E-05	0.197187	-5.07132
cg13934830	GRIK3	0.00871388	0.977434	1.0051	1.0051	0.00131932	2.31555	2.31555	0.00370205	2.0233	2.0233	0.946243	1.01219	1.01219	0.10327	0.726002	-1.37741
cg14616584	GRIK3	0.00948228	0.0067135	0.39283	-2.54563	0.113667	0.632875	-1.58009	0.00312838	0.341684	-2.92668	0.00545914	0.378547	-2.64168	0.0114449	0.431256	-2.31881
cg13272644	GRIK3	0.0099623	0.806065	1.02621	1.02621	0.230524	1.14148	1.14148	0.00192418	1.58706	1.58706	0.545946	0.937737	-1.0664	0.346455	1.10737	1.10737
cg19206040	GRIK3	0.0104016	0.0858898	0.632249	-1.58166	0.0397914	1.77562	1.77562	0.934381	1.02009	1.02009	0.0149087	0.485177	-2.0611	0.0148012	0.484634	-2.06341
cg16379885	GRIK3	0.0135099	0.835151	1.01846	1.01846	0.000398878	0.609791	-1.63991	0.0444923	0.816639	-1.22453	0.48818	0.940052	-1.06377	0.284003	0.906919	-1.10263
cg21409965	GRIK3	0.0181893	0.386177	1.36173	1.36173	0.000802925	5.80281	5.80281	0.0177327	2.72432	2.72432	0.389155	0.73585	-1.35897	0.113676	1.81887	1.81887
cg10126715	GRIK3	0.0217947	0.674541	0.942063	-1.0615	0.00466329	0.587618	-1.70179	0.0324828	0.702057	-1.42439	0.211355	0.830208	-1.20452	0.369486	0.877879	-1.13911
cg24673742	GRIK3	0.0259622	0.0120321	0.126196	-7.92417	0.892702	0.914669	-1.09329	0.0876757	0.287692	-3.47594	0.572856	0.686224	-1.45725	0.136392	0.346269	-2.88793
cg08106961	GRIK3	0.0307469	0.0209266	0.355137	-2.81581	0.00558417	0.25771	-3.88033	0.0385824	0.409557	-2.44166	0.146643	0.559667	-1.78678	0.0816297	0.487242	-2.05237
cg03149432	GRIK3	0.0379935	0.00783285	0.267672	-3.73592	0.597063	0.813812	-1.22879	0.721925	1.14798	1.14798	0.108547	0.508641	-1.96603	0.0281491	0.367429	-2.72162
cg17952046	GRIK3	0.0418877	0.00946877	0.611544	-1.6352	0.126587	0.781003	-1.2804	0.284623	0.84684	-1.18086	0.914029	0.983978	-1.01628	0.28444	0.846782	-1.18094
cg04509024	GRIK3	0.046371	0.359152	1.17513	1.17513	0.93344	1.0144	1.0144	0.775699	1.05011	1.05011	0.0378848	1.5099	1.5099	0.0092029	1.76109	1.76109
ch.1.1187063R	GRIK3	0.048395	0.00450256	0.117049	-8.54342	0.0959772	0.354954	-2.81727	0.0779331	0.329633	-3.03368	0.0201672	0.204436	-4.89151	0.0801743	0.33296	-3.00336
cg06465194	GRIK4	2.34E-05	0.0279964	0.775989	-1.28868	0.00466025	0.692389	-1.44428	0.110194	0.843596	-1.1854	0.147051	0.858966	-1.16419	0.00124128	0.630612	-1.58576
cg25316569	GRIK4	8.60E-05	0.165265	1.20827	1.20827	0.0259012	1.40221	1.40221	0.00248344	1.71172	1.71172	0.297229	1.14813	1.14813	0.073078	0.774513	-1.29113
cg10961484	GRIK4	0.00054061	0.000636477	0.455206	-2.19681	0.0338825	0.689639	-1.45003	0.0048149	0.570559	-1.75267	0.086222	0.752482	-1.32894	0.00162568	0.507917	-1.96883
cg23315601	GRIK4	0.000637415	0.00659822	0.640597	-1.56104	0.252866	0.860022	-1.16276	0.46802	0.910979	-1.09772	0.00716554	0.645069	-1.55022	9.77E-06	0.300892	-3.32345
cg23868250	GRIK4	0.00253399	0.0383825	0.672395	-1.48722	0.0599793	0.703956	-1.42054	0.00148439	0.468474	-2.13459	0.0463512	0.685558	-1.45867	0.685776	0.934926	-1.0696
cg14462402	GRIK4	0.0100717	0.00167054	0.146818	-6.81114	0.966249	0.982104	-1.01822	0.00626099	0.218636	-4.5738	0.093414	0.454962	-2.19799	0.932119	0.964294	-1.03703
cg27179693	GRIK4	0.013705	0.0066164	0.436807	-2.28934	0.0299112	0.548691	-1.82252	0.0790118	0.632407	-1.58126	0.401271	0.817217	-1.22367	0.380929	0.809649	-1.2351
cg04913851	GRIK4	0.0177781	0.0120915	0.263684	-3.79241	0.94246	1.03123	1.03123	0.820857	0.907892	-1.10145	0.865048	1.07516	1.07516	0.000827678	0.117054	-8.54304
cg24226238	GRIK4	0.0214875	0.216017	0.780679	-1.28094	0.0500943	1.52927	1.52927	0.799095	1.04969	1.04969	0.00730177	0.517969	-1.93062	0.421165	0.855333	-1.16914
cg13510813	GRIK5	0.000401752	0.114149	0.680251	-1.47005	0.142535	1.4239	1.4239	0.0426779	1.68732	1.68732	0.885398	1.03286	1.03286	0.896304	1.02967	1.02967
cg14036830	GRIK5	0.0027953	0.332762	0.395296	-2.52975	0.0550171	7.54602	7.54602	0.00288849	44.9541	44.9541	0.775621	1.30403	1.30403	0.0449245	0.1179	-8.48175
cg09864457	GRIK5	0.00501316	0.0306541	0.310838	-3.21711	0.302312	0.611583	-1.6351	0.364159	1.53589	1.53589	0.0958339	0.430977	-2.32031	0.0318158	0.314175	-3.18294
cg11844965	GRIK5	0.0160911	0.00691713	0.387925	-2.57782	0.547459	1.17929	1.17929	0.0138494	0.438713	-2.27939	0.616562	0.872176	-1.14656	0.00221927	0.313113	-3.19374
cg09434500	GRIK5	0.0165501	0.153312	0.273895	-3.65103	0.746049	1.31681	1.31681	0.0103262	15.4349	15.4349	0.451532	0.522229	-1.91487	0.0677302	0.176723	-5.65856
cg11640185	GRIK5	0.0181799	0.785685	1.05584	1.05584	0.391697	1.19119	1.19119	0.0367021	0.616391	-1.62235	0.556204	1.12599	1.12599	0.00273282	0.4384	-2.28102
cg26746936	GRIK5	0.0195099	0.285448	0.368571	-2.71318	0.0522018	7.29183	7.29183	0.0481971	7.62431	7.62431	0.112443	0.211246	-4.73381	0.0124609	0.0609683	-16.402
cg12981270	GRIK5	0.0248013	0.15798	0.725956	-1.37749	0.00108437	2.78243	2.78243	0.292047	0.792995	-1.26104	0.859576	1.03829	1.03829	0.48914	0.861504	-1.16076
cg27167613	GRIK5	0.0324805	0.762868	1.09093	1.09093	0.0370678	2.00624	2.00624	0.0146643	2.37296	2.37296	0.146287	1.56596	1.56596	0.0854523	0.578811	-1.72768
cg03100024	GRIK5	0.0404703	0.00515923	0.202327	-4.94249	0.712264	1.17383	1.17383	0.113819	0.47506	-2.105	0.0144813	0.271593	-3.68198	0.203096	0.55918	-1.78833
cg04763994	GRIK5	0.0418911	0.032532	0.363581	-2.75042	0.0147465	0.297165	-3.36513	0.0184443	0.314791	-3.17671	0.883085	1.06131	1.06131	0.00479562	0.220138	-4.5426
cg01049121	GRIN1;GRIN1;GRIN1	2.23E-05	0.208838	0.843467	-1.18558	0.311114	0.874015	-1.14415	0.0805476	1.28281	1.28281	0.12314	1.23939	1.23939	0.00206522	0.572625	-1.74634
cg14331853	GRIN1;GRIN1;GRIN1	2.82E-05	0.00793402	0.579054	-1.72695	0.565536	0.910986	-1.09771	0.432309	0.879314	-1.13725	9.19E-06	4.66034	4.66034	0.0544551	0.704548	-1.41935
cg13416129	GRIN1;GRIN1;GRIN1	6.12E-05	0.032394	0.568198	-1.75995	0.648084	1.10927	1.10927	0.557866	0.874813	-1.1431	0.00124286	2.9003	2.9003	0.00323631	0.403984	-2.47534
cg15122716	GRIN1;GRIN1;GRIN1	1.00E-04	0.250941	0.81227	-1.23112	0.0240677	0.627263	-1.59423	0.0135726	0.588952	-1.69793	0.381991	0.856064	-1.16814	0.614936	0.915837	-1.0919
cg05492714	GRIN1;GRIN1;GRIN1	0.000189565	0.000512835	0.569837	-1.75489	0.979313	1.00269	1.00269	0.0148376	0.732861	-1.36452	0.342608	1.10671	1.10671	0.00296029	0.655061	-1.52657
cg14220722	GRIN1;GRIN1;GRIN1	0.000350387	0.00219127	0.538306	-1.85768	0.142145	1.25548	1.25548	0.182372	0.815425	-1.22635	0.00413131	1.74102	1.74102	0.00961351	0.623378	-1.60416
cg01084963	GRIN1;GRIN1;GRIN1	0.00133826	0.199438	0.664803	-1.5042	0.134019	1.62683	1.62683	0.120089	0.601822	-1.66162	0.199493	1.50412	1.50412	0.0424539	0.494771	-2.02114
cg03109047	GRIN1;GRIN1;GRIN1	0.00159273	0.0607566	0.854274	-1.17058	0.00935553	1.27832	1.27832	0.0292898	1.21083	1.21083	0.00579755	1.309	1.309	0.107828	1.13966	1.13966
cg14350337	GRIN1;GRIN1;GRIN1	0.00225282	0.937314	0.986709	-1.01347	0.205622	1.25501	1.25501	0.331619	1.18578	1.18578	0.00809293	1.78049	1.78049	0.346032	1.17949	1.17949
cg05514043	GRIN1;GRIN1;GRIN1	0.00444882	0.333321	1.29551	1.29551	0.0177509	2.11268	2.11268	0.0089713	0.42223	-2.36838	0.247192	0.730579	-1.36878	0.0180255	0.474531	-2.10734
cg14055193	GRIN1;GRIN1;GRIN1	0.01242	0.171606	0.490231	-2.03986	0.0134917	4.47257	4.47257	0.0329842	3.39209	3.39209	0.341156	1.61682	1.61682	0.548179	0.742572	-1.34667
cg13861180	GRIN1;GRIN1;GRIN1	0.0182006	0.237417	1.6042	1.6042	0.350528	1.44328	1.44328	0.921779	1.03822	1.03822	0.029361	2.66425	2.66425	0.308397	0.668597	-1.49567
cg19794207	GRIN1;GRIN1;GRIN1	0.0234681	0.0103817	0.472912	-2.11456	0.239852	1.33047	1.33047	0.43792	1.2015	1.2015	0.248087	1.32331	1.32331	0.144932	0.695445	-1.43793
cg03882437	GRIN1;GRIN1;GRIN1	0.025163	0.0253324	9.21489	9.21489	0.0113657	14.1126	14.1126	0.0291837	8.5577	8.5577	0.0477418	6.626	6.626	0.487873	1.80168	1.80168
cg14009729	GRIN1;GRIN1;GRIN1	0.0274166	0.769767	1.13685	1.13685	0.882794	1.0666	1.0666	0.576338	0.781374	-1.2798	0.00723923	4.54672	4.54672	0.865403	0.928539	-1.07696
cg00350942	GRIN1;GRIN1;GRIN1	0.0306449	0.377174	0.730997	-1.368	0.124317	0.562458	-1.77791	0.25995	1.5013	1.5013	0.99633	0.998411	-1.00159	0.01208	0.338881	-2.95088
cg13448720	GRIN1;GRIN1;GRIN1	0.0320069	0.518893	1.29993	1.29993	0.0390421	2.60693	2.60693	0.17618	1.78041	1.78041	0.179115	1.77264	1.77264	0.109848	0.497017	-2.012
cg14022022	GRIN1;GRIN1;GRIN1	0.0334093	0.0262191	6.41495	6.41495	0.00468395	14.1487	14.1487	0.0468122	4.97361	4.97361	0.110269	3.41007	3.41007	0.523503	1.57727	1.57727
cg01344243	GRIN2A;GRIN2A	0.0130827	0.246504	1.38168	1.38168	0.0622683	0.57127	-1.75049	0.0276946	0.499396	-2.00242	0.427246	0.805536	-1.24141	0.55013	1.17503	1.17503
cg03866831	GRIN2A;GRIN2A	0.0324468	0.269051	0.700001	-1.42857	0.416894	0.773303	-1.29315	0.00256523	0.273691	-3.65376	0.310839	0.722586	-1.38392	0.142228	0.613324	-1.63046
cg09001143	GRIN2A;GRIN2A;GRIN2A	1.40E-06	5.77E-05	2.17425	2.17425	0.000293559	1.84854	1.84854	2.36E-06	0.302424	-3.30661	0.000510976	1.75961	1.75961	0.000299457	0.541951	-1.84518
cg00287829	GRIN2A;GRIN2A;GRIN2A	2.97E-06	0.57187	1.06779	1.06779	0.0566833	1.28105	1.28105	0.197486	0.855202	-1.16931	0.0110977	1.44141	1.44141	0.324568	1.1239	1.1239
cg06758670	GRIN2A;GRIN2A;GRIN2A	2.88E-05	0.676613	1.07739	1.07739	0.594634	0.90897	-1.10015	0.306354	0.828451	-1.20707	0.949405	0.988787	-1.01134	0.607727	1.09638	1.09638
cg04933990	GRIN2A;GRIN2A;GRIN2A	3.95E-05	0.00320927	1.89346	1.89346	0.0879244	0.741621	-1.3484	0.266891	0.832277	-1.20152	0.761267	0.952787	-1.04955	2.10E-05	0.256326	-3.90128
cg08621611	GRIN2A;GRIN2A;GRIN2A	6.77E-05	0.278664	0.858762	-1.16447	0.921583	1.0134	1.0134	0.405736	0.891382	-1.12185	0.673411	1.05898	1.05898	0.912665	0.985279	-1.01494
cg09622330	GRIN2A;GRIN2A;GRIN2A	8.32E-05	0.0980249	0.844759	-1.18377	3.43E-05	0.474634	-2.10689	0.0223122	0.775274	-1.28987	0.732965	0.968668	-1.03235	0.120373	0.855045	-1.16953
cg07642043	GRIN2A;GRIN2A;GRIN2A	0.00013035	0.360601	0.740646	-1.35017	0.145059	1.64858	1.64858	0.350093	1.35968	1.35968	0.229595	1.49586	1.49586	0.0155325	0.387481	-2.58077
cg01348055	GRIN2A;GRIN2A;GRIN2A	0.000168816	0.00423978	0.563871	-1.77346	0.353226	0.86678	-1.1537	0.00729018	0.595744	-1.67857	0.00354303	1.80691	1.80691	1.22E-05	0.251282	-3.97959
cg03764381	GRIN2A;GRIN2A;GRIN2A	0.000205391	0.134106	0.82353	-1.21429	0.60629	1.06447	1.06447	0.976621	1.00353	1.00353	0.0438702	0.75702	-1.32097	0.797546	0.969579	-1.03138
cg04675204	GRIN2A;GRIN2A;GRIN2A	0.00022372	0.332221	1.19208	1.19208	0.00119797	0.434447	-2.30177	5.13E-05	0.26407	-3.78687	0.291373	0.82506	-1.21203	0.189074	0.7832	-1.27681
cg00534626	GRIN2A;GRIN2A;GRIN2A	0.000690414	0.566658	0.899865	-1.11128	0.000161673	0.309356	-3.23253	0.00731589	0.532603	-1.87757	0.247331	0.802237	-1.24651	0.874423	0.971599	-1.02923
cg16368442	GRIN2A;GRIN2A;GRIN2A	0.000926107	0.226916	0.71146	-1.40556	0.0819249	1.67745	1.67745	0.0258969	2.03343	2.03343	0.088442	0.603867	-1.65599	0.0126773	0.435433	-2.29656
cg06880615	GRIN2A;GRIN2A;GRIN2A	0.00150482	0.603078	0.843909	-1.18496	0.213488	0.654563	-1.52774	0.448175	0.778752	-1.28411	0.362395	0.738708	-1.35372	0.173279	0.625779	-1.59801
cg06240409	GRIN2A;GRIN2A;GRIN2A	0.00165567	0.0282153	0.603146	-1.65797	0.00519546	0.486888	-2.05386	0.000583417	0.354337	-2.82217	0.0427571	0.634396	-1.5763	0.00330341	0.458004	-2.18339
cg00518386	GRIN2A;GRIN2A;GRIN2A	0.00275818	0.695831	1.07655	1.07655	0.776858	0.948054	-1.05479	0.30025	1.22327	1.22327	0.746371	0.940896	-1.06282	0.819986	0.958112	-1.04372

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04988098	0.919456	0.953314	-1.04897	0.0048315	0.170856	-5.85287	0.0993955	2.34845	2.34845	0.206034	1.8786	1.8786	6.18388	21.8829	3.14551	1
cg05404309	0.0148245	0.352244	-2.83894	0.391706	0.736793	-1.35723	0.486408	1.27911	1.27911	0.489568	1.27676	1.27676	6.16216	11.824	1.70561	1
cg24815842	0.0950543	0.419985	-2.38104	0.000410299	0.0703936	-14.2058	0.962291	1.02261	1.02261	0.0526825	0.352846	-2.8341	5.96292	21.1242	3.14897	1
cg03370738	0.370715	1.109	1.109	0.00975744	0.692211	-1.44465	0.941982	1.00823	1.00823	0.086937	0.808333	-1.23711	5.63616	1.13092	0.17836	1
cg07712541	0.0164601	4.05018	4.05018	0.00266618	7.26072	7.26072	0.0089406	4.88945	4.88945	0.061595	2.73145	2.73145	5.59056	20.1663	3.2064	1
cg04422256	0.0180952	3.4347	3.4347	0.00163014	6.95928	6.95928	0.0145537	3.64588	3.64588	0.0581948	2.50975	2.50975	5.27095	15.4234	2.60099	1
cg23877683	0.533068	1.0913	1.0913	0.00157055	1.87479	1.87479	0.0251059	1.44587	1.44587	0.563778	1.08411	1.08411	5.00614	1.51852	0.269628	1
cg24057204	0.00930684	0.34752	-2.87753	0.00436123	0.295211	-3.38741	0.0115302	0.363417	-2.75166	0.182456	0.635531	-1.57349	4.95957	8.06164	1.44486	1
cg23813514	0.787726	0.971201	-1.02965	0.571568	0.939977	-1.06386	0.0884594	1.22568	1.22568	0.470514	1.08273	1.08273	4.06144	0.75406	0.165034	1
cg22876092	0.0117691	1.74639	1.74639	0.341531	1.18967	1.18967	0.0674694	0.695537	-1.43774	0.678909	0.928889	-1.07656	4.0283	2.00353	0.442101	1
cg03052869	0.582151	0.822402	-1.21595	0.0232404	0.385031	-2.59719	0.205709	1.5995	1.5995	0.317339	1.43861	1.43861	4.02724	7.89557	1.7427	1
cg19014941	0.0264746	0.659173	-1.51705	0.0378273	0.682831	-1.46449	0.902098	1.01969	1.01969	0.193097	1.24381	1.24381	4.00353	1.59111	0.353269	1
cg15393903	0.0120836	0.32215	-3.10414	0.109792	1.87955	1.87955	0.0309721	0.399766	-2.50147	0.723267	1.13735	1.13735	3.85412	7.99851	1.84472	1
cg26271970	0.0214974	0.672972	-1.48595	0.999393	0.999891	-1.00011	0.0776517	1.32476	1.32476	0.328295	0.865285	-1.15569	4.76983	1.55353	0.289511	1
cg17210014	0.782185	1.07454	1.07454	0.008212	0.415938	-2.4042	0.110194	1.57086	1.57086	0.148557	0.669005	-1.49476	3.82691	4.07875	0.947385	1
cg21852439	1.55E-06	0.0860129	-11.6262	0.165315	0.741462	-1.34869	0.0551238	1.55198	1.55198	0.477514	0.864175	-1.15717	20.782	13.4479	0.575192	1
cg00833989	0.819638	1.01426	1.01426	0.00288194	0.775558	-1.28939	0.682425	0.97481	-1.02584	0.000530881	1.39733	1.39733	16.8717	1.02769	0.0541438	1
cg08684581	0.101924	0.57513	-1.73874	3.94E-05	0.0880417	-11.3583	0.283319	1.41117	1.41117	0.00802754	0.350131	-2.85607	12.6416	19.1134	1.34395	1
cg07733446	0.0114505	0.560121	-1.78533	0.247438	0.8013	-1.24797	0.591744	0.905586	-1.10426	0.172946	1.3043	1.3043	8.04497	4.27556	0.472406	1
cg16961528	0.0325483	0.325381	-3.07332	0.000339959	0.0750005	-13.3332	0.00731783	0.211868	-4.71991	0.0110018	0.238944	-4.18508	7.9809	25.4547	2.83507	1
cg09102610	0.453789	1.12342	1.12342	0.000712124	0.455578	-2.19501	0.15767	1.25911	1.25911	0.00817021	0.596771	-1.67568	7.27044	2.67813	0.32743	1
cg08936411	0.190541	1.22198	1.22198	0.0268066	1.46136	1.46136	0.379113	1.13939	1.13939	0.0336752	0.698533	-1.43157	7.0574	2.33786	0.294457	1
cg20934765	0.939768	0.985538	-1.01467	0.00185131	0.426612	-2.34405	0.00302761	2.18871	2.18871	0.291984	0.809963	-1.23462	6.18059	3.63748	0.52314	1
cg05873487	0.0247547	0.359519	-2.78149	0.0544	2.30555	2.30555	0.628177	1.20534	1.20534	0.70207	1.15846	1.15846	5.6028	12.9963	2.06188	1
cg11416276	0.262725	0.629213	-1.58929	0.011745	0.286844	-3.48621	0.769556	0.889985	-1.12361	0.052461	0.416891	-2.39871	5.04026	12.5657	2.21605	1
cg23985818	0.993811	1.00144	1.00144	0.0568321	0.671083	-1.49013	0.342786	1.19824	1.19824	0.431394	0.861917	-1.1602	5.00832	2.71599	0.482041	1
cg21205364	0.876966	1.04565	1.04565	0.445202	0.799121	-1.25137	0.512963	1.21068	1.21068	0.925141	1.02745	1.02745	4.87124	6.40522	1.1688	1
cg11486133	0.518019	0.879766	-1.13667	0.0198632	0.577177	-1.73257	0.0316285	0.611066	-1.63648	0.293805	0.808272	-1.23721	4.54328	2.74935	0.537908	1
cg19653783	0.0364424	0.517699	-1.93162	0.346091	1.30046	1.30046	0.194757	1.44972	1.44972	0.0334743	0.510339	-1.95948	4.22372	4.90395	1.03204	1
cg04010040	0.372727	1.3748	1.3748	0.862858	0.941634	-1.06198	0.501925	1.2675	1.2675	0.227456	0.643577	-1.55382	3.94195	7.55369	1.70332	1
cg21187769	0.0104392	1.97141	1.97141	0.10382	1.45419	1.45419	0.0637929	1.55063	1.55063	0.0141143	1.89214	1.89214	3.66372	2.57163	0.623928	1
cg15791815	0.0640519	0.292663	-3.4169	0.0872268	0.327955	-3.0492	0.593777	1.37417	1.37417	0.097346	0.341594	-2.92745	3.43295	18.9524	4.90731	1
cg12187165	0.0378403	1.47975	1.47975	0.000381548	2.51714	2.51714	0.827408	1.03617	1.03617	0.897691	0.979284	-1.02115	16.3925	6.87487	0.372793	1
cg05228573	0.000539211	0.558301	-1.79115	0.276958	0.884744	-1.13027	0.00376216	0.654729	-1.52735	0.0129778	0.716125	-1.3964	15.3401	2.84948	0.165115	1
cg08403869	0.127582	1.31351	1.31351	0.000344581	2.59469	2.59469	0.964757	0.992713	-1.00734	0.127447	0.761232	-1.31366	13.5178	5.86551	0.385697	1
cg03519145	0.690238	1.09916	1.09916	4.45E-05	0.161143	-6.20568	0.00364224	0.395215	-2.53027	0.0729743	0.623753	-1.6032	11.4519	10.1026	0.784158	1
cg21851956	0.00282541	0.668962	-1.49485	0.0190722	0.757774	-1.31966	0.0404129	0.793412	-1.26038	0.0197223	0.759346	-1.31692	9.67721	1.46462	0.134531	1
cg26988895	0.000151235	0.152957	-6.53778	0.404223	0.781589	-1.27945	0.62822	0.868588	-1.15129	0.766977	1.08959	1.08959	9.80922	10.0731	1.1736	1
cg18707952	0.332093	1.18227	1.18227	0.000710736	2.37001	2.37001	0.200482	0.797498	-1.25392	0.586224	0.912132	-1.09633	8.93131	3.9608	0.394199	1
cg05413957	0.000999788	0.543242	-1.8408	0.00226586	0.586613	-1.7047	0.309008	1.14051	1.14051	0.377327	1.11977	1.11977	7.98365	1.97181	0.219538	1
cg04747300	0.000403329	0.129271	-7.73567	0.012342	0.322049	-3.10512	0.3255	0.691275	-1.4466	0.0506843	0.444959	-2.2474	7.8012	16.3413	1.86198	1
cg01308419	0.140205	1.75488	1.75488	0.000645617	6.39204	6.39204	0.00237534	4.48899	4.48899	0.00721888	3.41682	3.41682	6.8782	13.682	1.76817	1
cg26593262	0.648551	0.89819	-1.11335	0.580344	1.1396	1.1396	0.264918	0.761948	-1.31243	0.0855297	0.64099	-1.56009	6.26606	5.43376	0.770821	1
cg05577902	0.522636	0.946825	-1.05616	0.00147095	0.678999	-1.47276	0.648032	1.03952	1.03952	0.228708	1.11242	1.11242	6.02725	0.678892	0.100122	1
cg15701579	0.441773	1.17086	1.17086	0.018727	1.77349	1.77349	0.969734	0.992399	-1.00766	0.266102	0.792122	-1.26243	5.51603	3.5333	0.569379	1
cg25340758	0.058062	0.691674	-1.44577	0.166809	0.775964	-1.28872	0.927771	1.01572	1.01572	0.00776926	0.555315	-1.80078	5.4276	2.54554	0.416888	1
cg09382002	0.72973	0.920448	-1.08643	0.0315402	1.82702	1.82702	0.220065	1.36097	1.36097	0.116793	1.50271	1.50271	4.93334	4.46353	0.804239	1
cg08066707	0.918358	0.958515	-1.04328	0.466683	1.35811	1.35811	0.29743	0.639935	-1.56266	0.160682	0.538356	-1.85751	3.81605	10.3211	2.40414	1
cg03486847	0.975588	1.00855	1.00855	0.245254	0.713087	-1.40235	0.243557	0.712139	-1.40422	0.987283	1.00444	1.00444	3.67834	4.50959	1.08976	1
cg09199698	0.753293	0.973723	-1.02699	0.0169414	0.78194	-1.27887	0.00772838	0.749031	-1.33506	0.136886	0.873432	-1.14491	6.22438	0.703107	0.100409	1
cg07028661	0.863949	1.05306	1.05306	0.0315647	0.467666	-2.13828	0.00138512	4.04534	4.04534	0.252915	1.43331	1.43331	5.33229	7.67484	1.27939	1
cg09787442	0.269609	1.32283	1.32283	0.786508	1.0683	1.0683	0.132324	0.673508	-1.48476	0.0588714	0.594974	-1.68075	12.8441	12.0476	0.833763	1
cg05942459	0.409506	1.41188	1.41188	0.00852915	0.253461	-3.94539	0.399756	0.702935	-1.42261	0.207366	1.72235	1.72235	14.0442	33.0605	2.35403	1
cg12389770	0.00570873	1.94101	1.94101	0.246999	0.801321	-1.24794	0.430036	1.1588	1.1588	0.000154733	3.27384	3.27384	10.029	5.31793	0.471338	1
cg24432193	0.678016	0.876164	-1.14134	0.00214075	0.255232	-3.918	0.221783	1.50176	1.50176	0.00471313	0.304517	-3.28389	9.80887	15.5764	1.41155	1
cg13080565	0.862992	0.962103	-1.03939	0.0402955	0.588659	-1.69878	0.417161	0.830715	-1.20378	0.00429459	2.34955	2.34955	7.30122	5.78539	0.704344	1
cg02011392	0.100049	2.77556	2.77556	0.0471844	0.276221	-3.62029	0.849653	1.1135	1.1135	0.0373274	3.93153	3.93153	6.85985	34.8667	4.51798	1
cg27074174	0.905782	0.985845	-1.01436	0.00420045	1.58671	1.58671	0.083314	1.25964	1.25964	0.0203129	1.40051	1.40051	6.46728	1.48489	0.204089	1
cg14082127	0.0216062	1.96736	1.96736	0.720147	0.915533	-1.09226	0.788744	1.0681	1.0681	0.000759593	3.49685	3.49685	5.42682	5.17182	0.847121	1
cg22851944	0.170316	1.43236	1.43236	0.637557	1.12385	1.12385	0.830679	0.948675	-1.0541	0.00212485	2.89352	2.89352	5.22529	5.01034	0.852323	1
cg11976671	0.0604875	1.46925	1.46925	0.00359951	0.488486	-2.04714	0.421582	1.16093	1.16093	0.00453578	0.502927	-1.98836	5.08596	2.66118	0.465102	1
cg01737026	0.0417309	2.27601	2.27601	0.0358682	0.425113	-2.35232	0.867247	1.06037	1.06037	0.00315516	4.11022	4.11022	4.58736	8.91872	1.72817	1
cg00135293	0.011233	0.230428	-4.33975	0.438213	0.693928	-1.44107	0.669113	0.81983	-1.21977	0.045875	0.347322	-2.87917	4.44111	15.0189	3.00603	1
cg23666299	0.282422	0.723269	-1.38261	0.00602886	0.353237	-2.83096	0.00746717	2.71581	2.71581	0.294243	0.729395	-1.371	4.02737	5.36614	1.18437	1
cg05666036	0.49998	1.21357	1.21357	0.00242606	0.303147	-3.29872	0.372246	0.771839	-1.29561	0.338568	1.32165	1.32165	3.9351	4.98093	1.12513	1
cg21615915	0.308339	1.36386	1.36386	0.0340293	2.0713	2.0713	0.017173	2.35055	2.35055	0.827192	1.06646	1.06646	3.40082	4.66527	1.21938	1
cg10591607	0.00651487	1.74608	1.74608	0.44866	0.885394	-1.12944	0.974226	0.99492	-1.00511	0.0538837	1.41203	1.41203	5.00277	1.96912	0.349872	1
cg24301620	0.477142	1.15179	1.15179	0.0692256	0.672046	-1.48799	0.571027	0.894103	-1.11844	0.0178096	1.75632	1.75632	4.11469	2.49092	0.538108	1
cg26316946	0.445018	1.14932	1.14932	0.990703	0.997919	-1.00208	0.0347327	1.5527	1.5527	0.01517	1.70441	1.70441	3.68141	1.86299	0.449826	1
cg16911275	0.00407404	0.423891	-2.3591	8.97E-05	0.210104	-4.75955	0.00105819	2.93865	2.93865	0.47491	0.850649	-1.17557	15.0004	11.7734	0.697663	1
cg11836212	0.197794	1.3409	1.3409	0.00399058	0.434346	-2.30231	0.120862	1.4369	1.4369	0.0637754	0.638231	-1.56683	11.4043	8.38737	0.653739	1
cg13934830	0.0324705	0.637738	-1.56804	0.442826	0.868838	-1.15096	0.852217	1.03408	1.03408	0.344856	1.19104	1.19104	6.17529	3.15772	0.454531	1
cg14616584	0.151519	0.664688	-1.50447	0.00255302	0.32878	-3.04155	0.573224	0.859601	-1.16333	0.181199	0.685717	-1.45833	6.01177	6.72622	0.994526	1
cg13272644	0.0607054	0.800563	-1.24912	0.00238806	0.64062	-1.56099	0.602405	1.05685	1.05685	0.684914	1.04385	1.04385	5.91776	1.03715	0.155787	1
cg19206040	0.00313741	0.37702	-2.65238	0.460223	1.19915	1.19915	0.244153	1.34223	1.34223	0.303185	1.29384	1.29384	5.83654	5.39359	0.821429	1
cg16379885	0.212402	0.891104	-1.1222	0.0660906	0.834455	-1.19839	0.0228474	0.787362	-1.27006	0.0240342	0.789565	-1.26652	5.36223	0.654405	0.10848	1
cg21409965	0.281692	1.47528	1.47528	0.0146036	2.84408	2.84408	0.276054	1.4826	1.4826	0.279996	1.47747	1.47747	4.858	9.29426	1.70061	1
cg10126715	0.635788	0.934804	-1.06974	0.0113479	1.56511	1.56511	0.082414	0.761948	-1.31243	0.439685	1.11781	1.11781	4.56861	1.44498	0.281142	1
cg24673742	0.322418	0.508883	-1.96509	0.00289712	0.0667886	-14.9726	0.00797518	0.105647	-9.46546	0.0433143	0.215228	-4.64624	4.30026	29.7481	6.14912	1
cg08106961	0.144129	0.557339	-1.79424	0.0079852	0.281754	-3.5492	0.72188	0.875329	-1.14243	0.0312533	0.390024	-2.56395	4.05124	8.90578	1.95403	1
cg03149432	0.911155	0.95781	-1.04405	0.00980678	0.283406	-3.52851	0.0567094	0.434761	-2.30011	0.0474304	0.416525	-2.40082	3.75337	8.86576	2.09963	1
cg17952046	0.344274	1.15686	1.15686	0.0165112	0.645271	-1.54974	0.059142	1.37534	1.37534	0.295076	0.85009	-1.17635	3.62092	1.28294	0.314944	1
cg04509024	0.153245	1.29921	1.29921	0.00635138	1.83686	1.83686	0.0327497	1.53351	1.53351	0.664286	1.0776	1.0776	3.48605	1.61736	0.412403	1
ch.1.1187063R	0.320419	0.558979	-1.78898	0.0201393	0.204334	-4.89394	0.134637	0.400981	-2.49388	0.278782	0.528354	-1.89267	3.43032	17.4378	4.5186	1
cg06465194	0.527208	0.939331	-1.06459	2.28E-05	2.29033	2.29033	3.16E-05	2.20854	2.20854	3.73E-05	0.460981	-2.16929	32.5063	4.91377	0.134368	1
cg25316569	0.891151	1.01766	1.01766	9.29E-06	3.40063	3.40063	1.10E-05	3.30858	3.30858	0.424574	0.901011	-1.10986	23.0538	5.96555	0.230015	1
cg10961484	0.017965	0.649628	-1.53934	0.016274	1.55393	1.55393	0.200505	1.22489	1.22489	0.000112282	0.361208	-2.76849	13.9839	4.98456	0.316843	1
cg23315601	0.00231415	0.584268	-1.71154	0.0746709	0.778246	-1.28494	0.475841	0.912517	-1.09587	0.0985677	0.795546	-1.257	13.3564	3.37261	0.224452	1
cg23868250	0.330637	0.846995	-1.18064	0.00155477	2.12235	2.12235	0.00186269	0.481764	-2.0757	0.616181	0.919792	-1.0872	8.9962	3.89911	0.38526	1
cg14462402	0.640875	0.818317	-1.22202	0.00761755	0.231207	-4.32513	0.297326	1.58586	1.58586	0.0129831	0.268275	-3.72752	5.89712	17.0122	2.5643	1
cg27179693	0.159898	1.42307	1.42307	0.0222963	1.90311	1.90311	0.527302	1.1624	1.1624	0.012301	0.480701	-2.0803	5.33708	4.66615	0.777146	1
cg04913851	0.14891	0.517107	-1.93384	0.450165	1.38795	1.38795	0.69953	1.17966	1.17966	0.0424928	0.369621	-2.70547	4.8955	14.0735	2.55536	1
cg24226238	0.188672	1.30322	1.30322	0.0301936	1.62364	1.62364	0.858985	0.966748	-1.0344	0.0236331	0.598193	-1.6717	4.59087	2.62918	0.509064	1
cg13510813	0.00117163	0.343695	-2.90955	1.36E-05	0.130221	-7.67924	0.357592	1.23629	1.23629	0.0184271	0.52675	-1.89843	15.1819	12.0861	0.707632	1
cg14036830	0.00881734	22.1449	22.1449	0.000237706	285.622	285.622	0.830804	1.2199	1.2199	0.260813	2.97253	2.97253	8.73931	119.432	12.1476	1
cg09864457	0.266409	1.70378	1.70378	0.000927004	9.73473	9.73473	0.00609214	0.192499	-5.19483	0.819066	1.11119	1.11119	7.33271	24.5904	2.98091	1
cg11844965	0.276657	0.735999	-1.3587	0.011622	0.42548	-2.35029	0.982229	1.00605	1.00605	0.318706	0.756406	-1.32204	5.06142	5.8829	1.03316	1
cg09434500	0.0338896	8.14708	8.14708	0.00395015	26.6679	26.6679	0.454468	0.524514	-1.90653	0.956579	0.954933	-1.04719	5.01421	56.9633	10.0981	1
cg11640185	0.325027	1.22459	1.22459	0.00801134	1.96875	1.96875	0.760603	1.06282	1.06282	0.748043	1.06636	1.06636	4.85884	3.05842	0.559516	1
cg26746936	0.230977	3.09711	3.09711	0.0132213	15.8483	15.8483	0.279065	0.363313	-2.75245	0.631178	1.54522	1.54522	4.74434	60.8191	11.3949	1
cg12981270	0.366028	0.821161	-1.21779	0.210552	1.32301	1.32301	0.164582	1.3697	1.3697	0.243537	0.77191	-1.29549	4.36934	3.11491	0.633691	1
cg27167613	0.0141468	0.418634	-2.38872	0.831675	0.94062	-1.06313	0.602986	1.16289	1.16289	0.827399	0.939131	-1.06481	3.97261	5.20397	1.16441	1
cg03100024	0.0157235	0.277847	-3.59911	0.426298	0.703666	-1.42113	0.297146	0.626479	-1.59622	0.0565564	0.393024	-2.54438	3.6673	10.8719	2.63516	1
cg04763994	0.436709	0.725557	-1.37825	0.705973	0.857915	-1.16562	0.59261	0.803819	-1.24406	0.383231	0.696603	-1.43554	3.62081	9.3754	2.30161	1
cg01049121	0.00756704	1.555	1.555	5.29E-07	0.166395	-6.0098	0.0346307	1.37235	1.37235	0.000984293	0.532886	-1.87657	32.9277	8.61063	0.232446	1
cg14331853	0.00136384	2.10836	2.10836	3.02E-05	0.26997	-3.70412	0.000246003	2.64332	2.64332	0.163149	0.787501	-1.26984	30.9641	12.6313	0.362609	1
cg13416129	0.0174706	1.92106	1.92106	2.45E-06	0.0758284	-13.1877	0.0128163	2.00893	2.00893	0.121083	0.684306	-1.46133	25.2388	20.3572	0.716966	1
cg15122716	0.167158	0.774722	-1.29079	7.39E-07	0.0986102	-10.1409	0.135407	0.756576	-1.32174	0.943982	1.01225	1.01225	22.143	10.5363	0.42296	1
cg05492714	3.05E-05	2.32794	2.32794	0.0504441	0.79358	-1.26011	0.867605	0.982848	-1.01745	0.00165355	0.626915	-1.59511	18.6399	3.17449	0.151383	1
cg14220722	0.101637	1.29483	1.29483	3.50E-05	0.315813	-3.16643	0.0282341	1.45284	1.45284	0.227877	0.833192	-1.2002	15.7645	5.18995	0.292639	1
cg01084963	0.0489177	1.96828	1.96828	6.69E-05	0.110819	-9.02369	0.0146396	2.47233	2.47233	0.152654	0.630462	-1.58614	10.8287	15.5528	1.27667	1
cg03109047	0.855672	0.986527	-1.01366	0.000286642	0.643304	-1.55448	0.398337	1.06655	1.06655	0.0273837	1.21463	1.21463	10.3	0.905504	0.0781452	1
cg14350337	0.90713	1.02005	1.02005	0.000118206	0.317836	-3.14628	0.0103672	1.73193	1.73193	0.646202	0.924383	-1.0818	9.31238	4.26812	0.407402	1
cg05514043	0.00301129	0.348109	-2.87266	0.00861669	2.38474	2.38474	0.429797	1.23256	1.23256	0.634429	0.883133	-1.13233	7.60406	8.10638	0.947608	1
cg14055193	0.221326	1.87707	1.87707	0.00267913	0.130935	-7.63736	0.060925	2.81414	2.81414	0.673461	0.812525	-1.23073	5.51154	20.9435	3.37772	1
cg13861180	0.403912	0.721709	-1.3856	0.00298539	0.211094	-4.73722	0.0124696	3.2777	3.2777	0.74443	1.13304	1.13304	4.85698	11.2163	2.05273	1
cg19794207	0.991243	1.00255	1.00255	0.615761	1.12457	1.12457	0.00322302	2.54081	2.54081	0.17346	1.39936	1.39936	4.45378	3.79676	0.757759	1
cg03882437	0.0387187	7.38683	7.38683	0.0264637	9.00653	9.00653	0.00532477	21.4806	21.4806	0.0417395	7.10429	7.10429	4.34739	48.0447	9.82346	1
cg14009729	0.766645	1.1389	1.1389	0.00520799	0.199631	-5.00925	0.032657	2.98181	2.98181	0.791091	1.12303	1.12303	4.21892	12.7624	2.68893	1
cg00350942	0.0356416	0.429307	-2.32933	0.0083009	0.311351	-3.21181	0.017369	0.367272	-2.72277	0.953735	1.02026	1.02026	4.05604	7.68091	1.68329	1
cg13448720	0.600824	0.809156	-1.23586	0.00646164	0.241611	-4.13889	0.069226	2.26009	2.26009	0.587157	0.802593	-1.24596	3.99357	10.1769	2.26518	1
cg14022022	0.0503331	4.81825	4.81825	0.296519	2.14446	2.14446	0.005942	12.6238	12.6238	0.184643	2.69586	2.69586	3.93259	30.9406	6.99355	1
cg01344243	0.843769	1.05405	1.05405	0.0811438	1.67505	1.67505	0.000725415	0.253778	-3.94045	0.764647	0.923025	-1.08339	5.41891	6.10803	1.00193	1
cg03866831	0.561527	0.833687	-1.19949	0.598892	0.848345	-1.17877	0.00236759	0.268835	-3.71976	0.181926	0.64466	-1.55121	3.97409	6.04323	1.3517	1
cg09001143	1.39E-05	2.57084	2.57084	1.10E-05	2.65027	2.65027	9.14E-05	0.482932	-2.07068	0.000964782	1.66819	1.66819	67.2423	11.5486	0.152663	1
cg00287829	0.440896	1.09443	1.09443	0.323146	0.889431	-1.12431	2.12E-08	11.2222	11.2222	0.124383	1.2105	1.2105	55.4805	11.5839	0.185593	1
cg06758670	0.561766	0.900997	-1.10988	0.000154866	0.316112	-3.16343	5.58E-07	11.7423	11.7423	0.758046	1.05644	1.05644	30.7736	15.3913	0.444575	1
cg04933990	0.021918	1.54714	1.54714	0.912316	0.982669	-1.01764	1.04E-05	4.47018	4.47018	0.000516019	2.36314	2.36314	28.3271	11.3017	0.354642	1
cg08621611	0.882972	1.02011	1.02011	0.0841726	0.772382	-1.2947	6.16E-07	6.35657	6.35657	0.828873	1.02969	1.02969	24.5628	7.10834	0.257239	1
cg09622330	0.858073	0.983499	-1.01678	7.31E-06	2.50705	2.50705	0.281169	0.90112	-1.10973	0.0994464	0.845473	-1.18277	23.2538	3.18214	0.121639	1
cg07642043	0.737895	1.11325	1.11325	0.575728	1.19796	1.19796	1.38E-06	51.2356	51.2356	0.633888	1.16564	1.16564	20.6217	33.3282	1.43659	1
cg01348055	0.0686073	0.737055	-1.35675	0.00565515	0.580739	-1.72194	0.000210421	0.3955	-2.52845	0.315126	0.856015	-1.1682	19.2337	6.82409	0.315377	1
cg03764381	0.071741	0.785351	-1.27332	0.71684	0.957171	-1.04474	2.79E-06	3.85705	3.85705	0.124839	1.221	1.221	18.2391	4.17207	0.203327	1
cg04675204	0.682081	1.07502	1.07502	0.071051	1.42502	1.42502	2.49E-05	0.229614	-4.35514	0.210087	0.792958	-1.2611	17.8206	8.70675	0.434291	1
cg00534626	0.158568	1.31594	1.31594	0.730948	1.0649	1.0649	4.33E-05	0.243164	-4.11244	0.241337	0.799771	-1.25036	13.0613	6.86508	0.467204	1
cg16368442	0.977947	1.00745	1.00745	0.355996	1.29017	1.29017	3.61E-05	8.46515	8.46515	0.0927725	0.608754	-1.6427	12.0251	13.7147	1.01378	1
cg06880615	0.193329	0.640629	-1.56097	6.53E-05	0.0933418	-10.7133	0.000158129	0.12366	-8.08668	0.0722785	0.522611	-1.91347	10.4699	17.3541	1.47335	1
cg06240409	0.563447	0.892284	-1.12072	0.601012	0.902165	-1.10844	0.000112279	0.265942	-3.76022	0.18544	0.760335	-1.31521	10.1853	6.14191	0.536015	1
cg00518386	0.151237	0.749225	-1.33471	0.452867	0.866267	-1.15438	3.52E-05	4.48122	4.48122	0.593122	0.903707	-1.10655	8.77394	4.89745	0.496162	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105 vs. N)	Fold-Change(1 vs.105)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error	F(Treat	SS(Test)	SS(Error)	
cg06664455	GRIN2A;GRIN2A;GRIN2A	0.00315672	0.033106	0.77426	1.29155	0.00295939	0.618123	-1.5671	0.0155027	0.738965	-1.35324	0.310882	0.899888	-1.11125	0.214117	0.874387	-1.14366	0.492455	0.930957	-1.07416	0.0076171	1.4221	1.4221	0.000178899	0.601503	-1.6625	0.0313169	0.771649	1.29593	8.42957	1.40604	0.148265	1
cg09923769	GRIN2A;GRIN2A;GRIN2A	0.00391361	0.578942	0.823283	-1.21465	0.0305544	2.40795	2.40795	0.0704913	0.495962	-2.01629	0.214526	1.57349	1.57349	0.00034385	0.17475	5.72245	0.07419	1.94907	1.99407	0.00336902	0.250712	-3.98864	0.0370608	0.431765	-2.31607	0.2316614	0.648433	-1.54218	7.90431	15.0647	1.69412	1
cg06829391	GRIN2A;GRIN2A;GRIN2A	0.00443641	0.940844	1.02465	1.02465	0.598166	1.19067	1.19067	0.00136843	0.21779	-4.59159	0.444925	0.774506	-1.29115	0.0026557	0.255636	-3.91181	0.907789	1.03875	1.03875	0.331216	0.719666	-1.38953	0.000434509	0.161189	-6.2039	0.1978911	0.639821	-1.56294	7.6105	12.9779	1.51579	1
cg03053368	GRIN2A;GRIN2A;GRIN2A	0.00456859	0.362181	0.690618	-1.44798	0.4860241	1.3238	1.3238	0.00266286	0.193566	-5.1662	0.185396	0.574051	-1.742	0.965757	0.983604	-1.01661	0.675538	0.846741	-1.181	0.368261	1.44087	1.44087	0.000156808	0.0775586	-12.8935	0.437236	1.36781	1.7541	18.6608	2.19904	1
cg18391758	GRIN2A;GRIN2A;GRIN2A	0.00566291	0.732603	1.14202	1.14202	0.3684496	2.55711	2.55711	0.0193237	0.29066	2.99066	0.89998	1.0499	1.0499	0.237219	0.6190097	-1.61525	0.663019	1.18504	1.18504	0.0705059	0.45716	-2.18742	0.000260091	0.12374	10.2374	0.0570199	2.30222	2.30222	7.0639	16.7749	2.11088	1
cg04761722	GRIN2A;GRIN2A;GRIN2A	0.00658328	0.0160533	0.42388	0.42388	0.0127102	7.06045	7.06045	0.0133136	0.62861	6.92861	0.115231	0.94741	0.0064996	0.9362	0.96025	1.04162	0.013493	7.35647	7.35647	0.000517424	0.52358	30.5258	0.0489214	0.413416	4.13416	0.0208944	5.016222	5.016222	6.74267	42.544	5.60859	1
cg05846851	GRIN2A;GRIN2A;GRIN2A	0.00683227	0.0876616	1.90482	1.90482	0.0645788	2.03214	2.03214	0.20954	0.636526	-1.57103	0.075445	1.96596	1.96596	0.103912	0.544809	-1.8355	0.04173344	2.22939	2.22939	0.023189	2.52695	2.52695	0.00162921	0.214	-4.67289	0.1768777	1.63278	1.63278	6.66516	12.3148	1.64234	1
cg27644733	GRIN2A;GRIN2A;GRIN2A	0.00975043	0.689323	0.891837	-1.12128	0.8195514	0.942494	-1.06102	0.000346294	0.136734	-1.61249	0.0667414	0.556802	-1.79597	0.097184	0.990895	-1.00101	0.818363	0.936574	-1.06772	0.4654954	1.27438	1.27438	0.009989195	0.394856	-2.53257	0.205625	0.683617	-1.46281	5.95854	7.65762	1.54235	1
cg05401168	GRIN2A;GRIN2A;GRIN2A	0.0185215	0.0729778	0.22697	-4.40586	0.2495	0.540771	-1.84921	0.922919	0.951768	-1.05068	0.0825253	0.374458	-2.67053	0.0146366	0.288785	-3.46278	?	?	?	0.00243758	0.115932	-8.62572	0.0171554	0.22681	-4.40458	0.0224298	0.247329	-4.0432	4.91726	18.0614	3.67306	1
cg01722994	GRIN2A;GRIN2A;GRIN2A	0.020436	0.869023	0.955997	-1.04603	0.166718	1.49483	1.49483	0.338248	1.30889	1.30889	0.701989	0.900476	-1.11052	0.988845	0.996195	-1.00382	0.915103	1.0295	1.0295	0.415818	0.797099	-1.25455	0.000404923	4.63202	4.63202	0.0657547	1.75598	1.75598	4.67018	5.49933	1.04671	1
cg16378117	GRIN2A;GRIN2A;GRIN2A	0.022368	0.910618	0.979332	-1.02043	0.7107	0.855166	-1.17597	0.0184187	0.348034	-2.87328	0.0178432	1.08577	1.08577	0.0922666	0.702211	-1.42393	0.928441	1.08577	1.08577	0.0025653	0.354388	-2.82176	0.440029	0.821908	-1.21668	0.427807	0.466673	0.876848	1
cg10425005	GRIN2A;GRIN2A;GRIN2A	0.0228898	0.869628	1.0411	1.0411	0.0272058	1.89814	1.89814	0.361094	1.25883	1.25883	0.494575	1.18538	1.18538	0.494835	1.21594	1.21594	0.714302	0.913797	-1.09433	0.946328	1.01664	1.01664	0.000429596	3.92013	3.92013	0.182981	1.41404	1.41404	4.49229	4.27601	0.846273	1
cg02257032	GRIN2A;GRIN2A;GRIN2A	0.0255703	0.0541479	2.2417	2.2417	0.0050816	3.90598	3.90598	0.0136425	1.72886	1.72886	0.0244025	2.72239	2.72239	0.155708	0.567212	-1.76332	0.014442	3.28313	3.28313	0.006291	1.09619	1.09619	0.481686	0.745416	-1.34153	0.2125383	1.61627	1.61627	4.32314	9.54702	1.96208	1
cg09350602	GRIN2A;GRIN2A;GRIN2A	0.0292675	0.702663	1.25048	1.25048	0.0464243	3.77897	3.77897	0.159478	0.416374	-2.40169	0.718576	1.23479	1.23479	0.0801367	0.322559	-3.10014	0.164215	2.37506	2.37506	0.540874	0.697133	-1.43445	0.00251283	0.08666	-11.5394	0.4539906	0.577764	-1.73081	4.12281	22.1784	4.37973	1
cg06299307	GRIN2A;GRIN2A;GRIN2A	0.0301262	0.927103	1.04702	1.04702	0.443157	1.48357	1.48357	0.495859	0.70668	-1.41507	0.876567	1.08116	1.08116	0.148255	2.17848	2.17848	0.105056	0.401961	-2.43393	0.0027037	0.174365	-5.73508	0.007423	0.544839	0.523509	1.38348	0.007408	16.2917	3.54874	1
cg05134033	GRIN2A;GRIN2A;GRIN2A	0.0316384	0.0428028	2.9158	2.9158	0.0036823	2.53532	2.53532	0.080043	1.64588	1.64588	0.243548	2.46548	2.46548	0.331156	1.59475	1.59475	0.139765	2.81208	2.81208	0.0637259	1.6981	1.6981	0.137045	1.39795	1.39795	0.1196445	1.4116	1.4116	0.879106	1.07345	1.07345	0.0447556	2.92372	2.92372	4.01013	13.7728	3.05289	1
cg06922606	GRIN2A;GRIN2A;GRIN2A	0.0421069	0.0158523	5.20853	5.20853	0.00653957	7.19358	7.19358	0.0151115	5.2982	5.2982	0.811776	1.14252	1.14252	0.720226	1.22079	1.22079	0.0702641	3.09603	3.09603	0.0347417	3.95358	3.95358	0.230179	2.01997	2.01997	0.2040616	2.11419	2.11419	3.61392	17.8528	4.39113	1
cg01165505	GRIN2A;GRIN2A;GRIN2A	0.0450871	0.020424	3.12218	3.12218	0.0154455	3.80171	3.80171	0.0958733	2.20569	2.20569	0.18411	1.87865	1.87865	0.0372401	2.95108	2.95108	0.0176249	3.64086	3.64086	0.064446	2.02815	1.02015	0.975396	0.7396	3.76013	0.137947	2.04433	2.04433	5.23297	11.1751	2.8196	1
cg00116766	GRIN2A;GRIN2A;GRIN2A	0.0456639	0.184195	0.543643	-1.83944	0.0438478	0.36704	-2.7245	0.551387	0.770479	-1.29789	0.210015	1.77097	1.77097	0.242652	1.48022	1.48022	0.0163187	0.56249	3.56249	0.0406092	1.18393	1.18393	0.339157	0.652951	-1.53151	0.087417	1.00685	1.00685	3.50623	10.3949	2.63327	1
cg05406943	GRIN2A;GRIN2A;GRIN2A;GRIN2A	2.83E-06	0.605127	0.912329	-1.0961	0.0081712	1.81384	1.81384	0.00224578	2.12235	2.12235	0.566623	0.903124	-1.10727	0.883295	0.974491	-1.02618	0.976728	0.994882	-1.00514	0.00949179	0.560959	-1.78266	2.66E-08	36.6069	36.6069	0.15402	1.30795	1.30795	56.166	27.5281	0.435662	1
cg02585344	GRIN2A;GRIN2A;GRIN2A;GRIN2A	1.14E-05	?	?	?	?	1.74252	1.74252	0.0594408	1.27767	1.27767	0.742517	1.04508	1.04508	0.0120377	1.54672	1.54672	0.298041	0.958105	-1.04373	0.153013	0.81396	-1.22858	1.91E-09	9.58825	9.58825	0.918949	1.03171	1.03171	40.214	10.1295	0.25189	1
cg24764979	GRIN2A;GRIN2A;GRIN2A;GRIN2A	3.26E-05	0.0505882	0.779712	-1.28252	0.0435989	1.53519	1.53519	0.0028652	1.58129	1.58129	0.135707	1.39673	1.39673	0.0247009	1.34813	1.34813	0.234153	0.869964	-1.14947	0.28313	1.13265	1.13265	0.377-07	0.59502	0.5950	0.0611087	1.26582	1.26582	29.7664	5.88724	0.175629	1
cg16904585	GRIN2A;GRIN2A;GRIN2A;GRIN2A	0.00368818	0.620784	1.09495	1.09495	0.0407514	1.34294	1.34294	0.0119584	1.31045	1.31045	0.0819903	1.10442	1.10442	0.0147818	1.13833	1.13833	0.153372	1.08617	1.08617	0.0444922	0.728329	-1.37301	6.19E-05	0.16483	3.68483	0.0359981	1.53847	1.53847	6.94512	3.98107	0.573554	1
cg09461286	GRIN2A;GRIN2A;GRIN2A;GRIN2A	0.00967968	0.703263	0.948889	-1.05386	0.556495	0.921704	-1.08495	0.367808	1.1352	1.1352	0.960308	0.993201	-1.00685	0.8537	1.02563	1.02563	0.159275	0.813671	-1.229	0.794829	0.964906	-1.03637	0.000159827	2.42137	2.42137	0.353024	0.877217	-1.13997	5.97241	1.77747	0.264546	1
cg06193383	2A	0.000635632	0.0544363	0.780846	-1.28066	0.0853928	1.24056	1.24056	0.269461	1.13924	1.13924	0.080233	0.804474	-1.24305	0.624572	0.945648	-1.05748	0.551946	1.0706	1.0706	0.264562	1.1409	1.1409	1.91E-05	2.67718	2.67718	0.00148302	1.68149	1.68149	13.3617	2.72035	0.180901	1
cg01291761	GRIN2B	0.000353613	0.00110735	0.358139	-2.79221	0.0102607	0.501024	-1.99591	0.00333584	0.425978	-2.34754	0.00111704	0.358654	-2.7882	0.00551162	0.45872	-2.17998	0.0313522	0.583086	-1.71501	0.0181016	1.84626	1.84626	0.0823395	0.662934	-1.50845	3.10E-05	0.176109	-5.67831	15.7248	11.3636	0.642357	1
cg13264741	GRIN2B	0.000383711	0.462537	1.08007	1.08007	0.5104	1.21107	1.21107	0.0618388	1.23233	1.23233	0.0894409	1.12717	1.12717	0.0403154	1.38032	1.38032	0.0819354	1.09518	1.09518	0.00329354	1.54254	1.54254	0.0128079	1.56244	1.56244	0.0135853	1.52407	1.52407	0.0088318	-1.5563	0.477495	0.0088318	1.48258	0.0857781	1
cg03670736	GRIN2B	0.000611402	0.00180078	0.185816	-5.38167	0.0110734	0.429277	-2.3295	0.00083656	0.263347	-3.79727	0.0798499	0.596938	-1.67522	0.000161259	0.180825	5.5302	0.0166366	0.460149	-2.17321	0.0375539	0.527034	-1.89741	0.710523	0.905777	-1.10402	0.000344334	0.216699	-4.6147	3.51527	15.0797	0.991967	1
cg14533651	GRIN2B	0.00130135	0.40621	0.793949	-1.25953	0.0130439	2.30786	2.30786	0.398042	0.790597	-1.26487	0.207181	0.732151	-1.36584	0.000288522	0.20604	-4.98405	0.0285862	0.495899	-2.01654	0.0553644	0.554476	-1.8035	0.802174	0.934105	-1.07054	0.000175621	0.177649	-5.62908	10.911	12.742	1.03806	1
cg03777258	GRIN2B	0.00178053	0.128468	0.44841	-2.23004	0.0107197	0.818108	-1.2233	0.0984409	0.377107	-2.65108	0.0232358	0.598443	-1.6711	0.340018	0.95364	-1.04834	0.158141	0.598992	-1.67001	0.0139292	1.95814	1.95814	0.184431	1.82675	1.82675	0.2264556	1.51914	1.51914	0.0288244	1.7727	0.0288244	0.1384	1.26275	0.0288244	1
cg00877739	GRIN2B	0.0052013	0.281276	0.746045	-1.3404	0.0166105	0.465207	-2.14958	0.0242547	0.542223	-1.84426	0.273289	0.742097	-1.34753	0.000145961	0.180855	-5.5293	0.508399	0.839018	-1.19187	0.256995	0.73681	-1.36275	0.287373	0.749011	-1.33509	0.00240648	0.130863	-3.0224	7.2506	7.85971	0.963563	1
cg20643274	GRIN2B	0.00974969	0.0306092	0.554	-1.80488	0.0153981	1.52687	1.52687	0.0077276	0.743114	-1.34544	0.139784	0.743175	-1.34527	0.0127161	0.858353	-1.16842	0.640138	0.961451	-1.04017	0.7491	0.668524	1.4956	0.0756	0.0554459	0.681703	0.1447571	0.586065	-1.28159	0.0554459	1.44572	0.586065	0.0554459	1.58042	0.0554459	1
cg16815991	GRIN2B	0.0134488	0.968774	0.991577	-1.00849	0.0248232	1.78107	1.78107	0.0981618	0.675722	-1.4799	0.681391	1.0933	1.0933	0.00928297	0.490054	-2.04059	?	?	?	0.00556335	0.455229	-2.1967	0.111139	1.455	1.455	0.797294	1.05719	1.05719	5.47371	3.59783	0.657292	1
cg16135716	GRIN2B	0.0137468	0.00670805	0.570447	-1.75301	0.360998	1.16174	1.16174	0.967873	0.993591	-1.00645	0.0111694	0.60187	-1.66149	0.0361187	0.676776	-1.47653	0.220814	0.814245	-1.22863	0.0637726	0.716699	-1.39472	0.0579698	1.40799	1.40799	0.0787202	1.36579	1.36579	5.33175	2.1521	0.358823	1
cg14331692	GRIN2B	0.0146866	0.337595	0.7	-1.42857	0.0613838	1.52687	1.52687	0.0077276	0.743114	-1.34544	0.139784	0.743175	-1.34527	0.0127161	0.858353	-1.16842	0.640138	0.961451	-1.04017	0.7491	0.668524	1.4956	0.0756	0.0554459	0.681703	0.1447571	0.586065	-1.28159	0.0554459	1.44572	0.586065	0.0554459	1.58042	0.0554459	1
cg09972288	GRIN2B	0.0181126	0.0851256	0.634591	-1.57582	0.125992	0.67333	-1.48516	0.0351481	0.556394	-1.79729	0.516331	1.17024	1.17024	0.00272093	0.371975	-2.68835	0.0166361	2.0109	2.0109	0.610668	1.1305	1.1305	0.773816	1.07126	1.07126	0.982439	1.00527	1.00527	4.86491	4.39748	0.803482	1
cg00534085	GRIN2B	0.0189382	0.1894	0.579557	-1.72567	0.0153284	1.57859	1.57859	0.0016	0.6613	-1.50626	0.00893234	0.88015	1.13597	0.0018319	0.783682	1.2762	0.0242708	0.47901	-2.08705	0.0077379	0.91632	1.09162	0.0012	-1.09146	0.4407	0.0012	1.39456	1.44074	0.70167	1.40422	1
cg17462074	GRIN2B	0.0335259	0.976797	0.992557	-1.00749	0.758899	1.65956	1.65956	0.896885	1.03381	1.03381	0.195238	0.703781	-1.4209	0.0193154	0.484879	-2.06237	0.0618834	0.583242	-1.71455	0.00363299	0.364557	-2.74306	0.4512	0.437625	0.837683	-1.19377	3.92766	4.09018	0.925669	1
cg05484509	GRIN2C	0.00023481	0.0589654	0.650018	-1.53842	0.392002	0.837667	-1.19379	0.848581	1.03936	1.03936	0.031335	0.600414	-1.66552	0.890532	0.972569	-1.0282	0.000905962	2.72525	2.72525	6.44E-06	7.62316	7.62316	0.880693	1.0308	1.0308	0.0783796	1.48429	1.48429	17.5876	11.3641	0.574349	1
cg03735127	GRIN2C	0.0002053	0.782151	1.04996	1.04996	0.7139867	0.951404	-1.05108	0.0816515	1.12311	1.12311	0.0489838	0.889102	-1.12431	0.0729261	0.9162	-1.09146	0.0019758	2.0874	2.0874	0.00291247	1.98959	1.98959	0.0002	2.00219	2.00219	0.0002	1.98626	1.98626	13.2488	4.01567	1.402	1
cg13823003	GRIN2C	0.00161316	0.234935	0.939815	-1.06404	0.09892	0.913741	-1.0944	0.0401078	0.888458	-1.12555	0.689807	0.980787	-1.01959	0.0158565	0.897873	-1.11362	0.48062	1.03639	-1.03639	1.806-05	0.646115	-1.54771	0.428734	0.960519	-1.0411	0.0464159	0.892486	-1.12047	10.2621	0.404062	0.0349992	1
cg00906555	GRIN2C	0.0024267	0.190855	1.72911	1.72911	0.0689144	0.21008	-4.75988	0.0337377	0.229726	1.64029	0.0165609	0.170354	-5.87048	0.0013502	0.183413	5.4543	0.12449	1.0554	1.0554	0.0215355	0.170354	-5.87048	0.0013502	0.183413	5.4543	0.0215355	0.170354	-5.87048	0.0013502	0.183413	5.4543	0.0215355	0.170354	-5.87048	1
cg23513814	GRIN2C	0.0096856	0.24146	0.750895	-1.33174	0.587207	0.879785	-1.13664	0.773169	0.924316	-1.08188	0.742006	0.925716	-1.08024	0.685369	0.909218	-1.09985	0.000184595	4.37576	4.37576	0.183154	0.718913	-1.39099	0.92713	0.978853	-1.0216	0.186489	1.38711	1.38711	5.97124	5.16304	0.768579	1
cg21997766	GRIN2C	0.0123737	0.223593	0.757671	-1.85987	0.240612	0.976407	-1.75287	0.0239866	0.761966	-1.31313	0.82504	0.0972661	1.08258	-5.28267	0.160135	-6.24381	0.0019758	2.0874	2.0874	0.00291247	1.98959	1.98959	0.0002	2.00219	2.00219	0.0002	1.98626	1.98626	13.2488	-4.57598	0.0126606	0.0002	1.22172	-4.50995	0.53282	20.6227	3.31479	1
cg22119809	GRIN2C	0.0128216	0.188822	0.530721	-1.88511	0.0121591	0.41588	-2.40488	0.0700596	0.51338	-1.94788	0.0700596	0.51338	-1.94788	0.0700596	0.51338	-1.94788	0.561925	1.30584	1.30584	0.089749	0.330893	-3.02292	0.0976258	0.728625	2.28625	0.402146	0.676935	-1.47725	4.98393	16.3614	3.29154	1
cg13335974	GRIN2C	0.0269592	0.0772862	0.238485	-4.19314	0.0217018	7.473	7.473	0.0807416	4.11028	4.11028	0.0892826	3.9255	3.9255	0.010397	0.0948928	-10.5382	0.374433	1.94522	1.94522	0.761886	0.8010178	-1.24832	0.137171	3.21711	3.21711	0.641531	0.710212	-1.40803	0.424392	35.8023	7.49879	1
cg23775736	GRIN2C	0.0295978	0.09593	1.09061	1.09061	0.114524	0.778173	-1.28506	0.0756145	0.744207	-1.34381	0.0744207	0.744207	-1.34381	0.0744207	0.744207	-1.34381	0.203153	0.821771	-1.21686	0.0174128	1.39669	1.39669	0.0156424	1.40243	1.40243	0.0156424	1.40243	1.40243	0.0156424	1.40243	1.40243	0.0156424	1.40243	1.40243	0.0156424	1
cg07365960	GRIN2C	0.0343461	0.165525	0.338015	-2.95845	0.0790157	0.239257	-4.1796	0.460729	1.73454	1.73454	0.948294	0.567387	-1.76246	0.0132223	0.105165	0.50889	0.35253	1.4958	-2.01694	0.154764	0.327311	-3.0552	0.0278641	0.72576	0.72576	0.183223	2.81684	2.81684	5.37241	30.4286	7.57127	1
cg22891619	GRIN2C	0.0448998	0.211709	1.88559	1.88559	0.154304	2.09865	2.09865	0.0618709	2.77933	2.77933	0.979493	1.02157	1.02157	0.0820568	0.991955	-1.55129	0.008019	5.04049	5.04049	0.062467	0.380499	-2.77396	0.542714	1.34924	1.34924	0.854741	0.914763	-1.09318	5.52347	1.56284	0.332936	1
cg00565028	GRIN2C	0.0030144?	0.0809584	1.58122	1.58122	0.070012	1.61415	1.61415	0.0642	1.17637	1.17637	0.791387	0.959264	-1.06466	0.353509	0.569602	-1.08734	3.25E-05	6.74744	6.74744	0.739052	1.08201	1.08201	0.453205	1.18705	1.18705	0.113898	1.40767	1.40767	8.54593	7.56145	0.78649	1
cg12546181	GRIN2D	0.00336748	0.0978939	1.82039	1.82039	0.137003	1.69632	1.69632	0.15775	1.64597	1.64597	0.0905764	1.84999	1.84999	0.137766	0.620372	-1.61194	0.0894933	1.85461	1.85461	0.5246	0.12113	12.113	0.973842	1.01088	1.01088	0.716733	0.886731	-1.12774	8.26867	14.254	1.53231	1
cg17377463	GRIN2D	0.00822106	0.4125571	1.10035	1.10035	0.5122484	1.78988	1.78988	0.165513	0.823518	1.2143	0.352521	1.2518	1.2518	0.0992284	0.798464	1.02183	0.0507807	1.52917	1.52917	0.181045	1.47082	1.47082	0.132059	1.27644	1.27644	0.111881	1.812045	1.812045	6.23164	6.20468	1	1
cg01483824	GRIN2D	0.0125409	0.0496177	3.4235	3.4235	0.00258433	9.92145	9.92145	0.0164156	5.03866	5.03866	0.180245	2.18554	2.18554	0.0118433	5.62076	5.62076	0.0650883	3.12052	3.12052	0.00689239	6.83399	6.83399	0.0141325	5.27999	5.27999	0.0129244	5.44926	5.44926	5.49419	26.2692	4.25002	1
cg24030171	GRIN2D	0.0152484	0.0055181	4.25854	4.25854	0.34822	0.403187	-2.48009	0.0183209	-1.22218	0.0863964	0.641282	-1.55938	0.0807421	0.451257	-2.21603	0.0814154	0.451838	-2.21318	0.0814154	0.451838	-2.21318	0.0814154	0.451838	-2.21318	0.0814154	0.451838	-2.21318	0.0814154	0.451838	-2.21318	0.0814154	0.451838	-2.21318	0.0814154	0.451838	-2.21318	1
cg04419616	GRIN2D	0.0206497	0.0410129	0.65138	0.651538	0.0775376	0.43689	0.43689	0.17895	0.29185	0.29185	0.15001	0.32355	0.32355	0.0211216	0.42697	0.42697	0.0351886	0.52651	0.52651	0.0163215	0.35426	0.35426	0.006205	0.15.3051	0.32655	0.028569	0.72387	0.72387	5.17979	0.44738	0.671766	1
cg10161743	GRIN2D	0.0210072	0.25652	1.5048	1.5048	0.217776	1.56421	1.56421	0.863279	1.06128	1.06128	0.746337	1.11851	1.11851	0.0418777	0.445207	-2.24614	0.0306624	2.40166	2.40166	0.00189983	4.56443	4.56443	0.0308301	2.39884	2.39884	0.282516	1.47011	1.47011	4.62649	8.72418	1.67622	1
cg23444245	GRIN2D	0.0218044	0.0926933	1.78239	1.78239	0.1299	1.58439	1.58439	0.0814	1.24847	1.24847	0.180442	1.76877	1.76877	0.141442	0.55821	-1.79161	0.0976251	3.87164	3.87164	0.127139	4.14924	4.14924	0.0878295	3.85362	3.85362	0.456791	1.09201	1.09201	7.72971	2.71791	1	1
cg15623249	GRIN2D	0.0262583	0.00313393	0.645106	-2.24666	0.157351	0.738571	-1.35397	0.202005	0.570458	-1.75298	0.109138	1.41939	1.41939	0.304328	1.23825	1.23825	0.737327	0.934766	-1.06979	0.39125	1.19249	1.19249	0.20799	1.3048	1.3048	0.91262	1.02224	1.02224	4.28325	2.72447	0.5654	1
cg06697929	GRIN2D	0.0267202	0.623544	1.06227	1.06227	0.5364185	0.824185	0.824185	0.0838815	0.183199	-5.45855	0.186886	0.668966	-1.49484	0.00393758	0.058589	17.0679	0.0974705	1.08316	1.08316	0.37953	0.8900037	-1.12359	0.0045814	1.54161	1.54161	0.0044349	1.54601	1.54601	5.02383	5.03165	1.00183	1
cg09248655	GRIN2D	0.0277471	0.139548	0.565152	-1.76943	0.15794	0.581668	-1.71919	0.00747442	0.34207	0.34207	0.465833	0.766154	-1.30522	0.0385746	0.423147	2.36325	0.10299	1.89688	1.89688	0.657801	0.852142	-1.17351	0.044429	0.436692	-2.28995	0.211458	0.62345	1.60398	4.20118	8.57141	1.81355	1
cg08525558	GRIN2D	0.0313464	0.890476	0.165159	1.05159	0.0490286	0.440187	-2.27176	0.1891933	0.607777	-1.66174	0.477561	1.3017	1.3017	0.00864933	0.1611	-6.20732	0.616066

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26745520	GRK5	0.00541718	0.835596	0.954997	-1.04712	0.070011	1.56656	1.56656	0.0352066	0.580679	-1.72212	0.384597	0.820752	-1.21839	0.000133822	0.230699	-4.33466
cg09337049	GRK5	0.0115011	0.0201477	0.316846	-3.15611	0.0812127	0.45261	-2.20941	0.0962759	0.472876	-2.11472	0.00620664	0.231487	-4.31991	0.070012	0.435732	-2.29499
cg00533585	GRK5	0.0183509	0.195689	0.530466	-1.88514	0.00442805	0.172111	-5.8102	0.616582	0.79145	-1.2635	0.852711	0.917494	-1.08993	0.00132612	0.114957	-8.69893
cg03075966	GRK5	0.0238094	0.354244	0.805984	-1.24072	0.108134	1.4869	1.4869	0.710731	0.919149	-1.08796	0.163583	0.714287	-1.4	0.00198134	0.372025	-2.68799
cg01327877	GRK5	0.0262607	0.538957	0.917842	-1.08951	0.00744084	0.621857	-1.60809	0.541818	1.08884	1.08884	0.61153	0.931845	-1.07314	0.130361	1.25252	1.25252
cg09757353	GRK5	0.0296881	0.000659358	0.480093	-2.08293	0.298392	0.859333	-1.16369	0.428968	0.892648	-1.12026	0.184095	0.820232	-1.21917	0.0947246	0.77237	-1.29472
cg10897866	GRK5	0.0300952	0.547132	0.853492	-1.17166	0.541692	1.17425	1.17425	0.117748	0.642936	-1.55537	0.228333	0.719815	-1.38925	0.00164448	0.309777	-3.22813
cg09872523	GRK5	0.0311749	0.00879396	0.540621	-1.84973	0.0886833	1.41366	1.41366	0.65712	0.920945	-1.08584	0.316156	0.826097	-1.21051	0.00282139	0.468458	-2.13466
cg01516887	GRK5	0.0313719	0.0532585	0.714054	-1.40045	0.0787373	0.741217	-1.34913	0.011224	0.614294	-1.62788	0.973954	0.995005	-1.00502	0.566462	0.914956	-1.09295
cg24902461	GRK5	0.0324884	0.0290535	0.512945	-1.94953	0.00457839	0.375494	-2.66316	0.526716	0.84668	-1.18108	0.0131125	0.450101	-2.22172	0.0835013	0.608306	-1.64391
cg10318661	GRK5	0.0422234	0.0615101	0.674605	-1.48235	0.0760995	0.691533	-1.44606	0.466928	0.870802	-1.14837	0.417383	0.856521	-1.16751	0.0901365	0.70537	-1.4177
cg27315279	GRK5	0.0440177	0.160113	0.783274	-1.27669	0.319923	1.18209	1.18209	0.720289	0.943156	-1.06027	0.454575	1.13199	1.13199	0.0623438	1.40702	1.40702
cg17974715	GRK6;GRK6	0.00497208	0.72079	0.968983	-1.03201	0.0317619	1.24731	1.24731	0.0398043	0.811672	-1.23202	0.331102	0.915725	-1.09203	0.0191456	1.2826	1.2826
cg05572003	GRK6;GRK6;GRK6	0.000535854	0.000591821	0.426095	-2.3469	0.0102433	0.59427	-1.68274	9.51E-05	0.327044	-3.05769	0.811834	1.03909	1.03909	0.725059	0.944801	-1.05842
cg11274816	GRK6;GRK6;GRK6	0.00238259	0.106618	0.79299	-1.26105	0.0877635	0.78029	-1.28157	0.255883	1.16899	1.16899	0.000434441	0.480805	-2.07985	0.09072	0.78243	-1.27807
cg23327334	GRK6;GRK6;GRK6	0.00587914	0.637827	0.917425	-1.09001	0.656628	0.92189	-1.08473	0.00249641	0.465968	-2.14607	0.000752694	0.394977	-2.53179	0.0795261	0.70205	-1.4244
cg18034719	GRK6;GRK6;GRK6	0.0155869	0.121004	0.691576	-1.44597	0.00732495	0.468462	-2.13464	0.0849915	0.658535	-1.51852	0.252787	1.29951	1.29951	0.00188369	0.380429	-2.62861
cg16426715	GRK6;GRK6;GRK6	0.0210851	0.567827	0.880436	-1.1358	0.0317129	0.573873	-1.74255	0.219313	0.7521	-1.32961	0.0122854	0.502705	-1.98924	0.00314285	0.410523	-2.43592
cg17402373	GRK6;GRK6;GRK6	0.024461	0.0445264	0.576557	-1.73443	0.0420063	0.571599	-1.74948	0.0149083	0.489347	-2.04354	0.361375	0.799349	-1.25102	0.0154287	0.491916	-2.03287
cg19459094	GRK6;GRK6;GRK6	0.0386987	0.473568	0.820978	-1.21806	0.127306	1.56243	1.56243	0.00865933	0.404278	-2.47355	0.0184463	0.461357	-2.16752	0.640141	0.880362	-1.1359
cg27497299	GRK6;GRK6;GRK6	0.039122	0.982366	0.996691	-1.00332	0.632302	1.07498	1.07498	0.495319	0.901367	-1.10943	0.331103	1.1623	1.1623	0.455403	1.12078	1.12078
cg00556570	GRK6;GRK6;GRK6	0.0404117	0.427556	0.906058	-1.10368	0.00480283	0.633976	-1.57735	0.0964236	0.800675	-1.24895	0.555648	0.929978	-1.07529	0.299106	0.877159	-1.14004
cg22592490	GRK6;GRK6;GRK6;GRK6;GRK6;GRK6	0.00645448	0.635331	1.04898	1.04898	0.212086	1.1406	1.1406	0.289739	0.895853	-1.11625	0.460401	1.07812	1.07812	0.750784	0.968612	-1.03241
cg01584457	GRK7	0.00238021	0.00407357	0.249187	-4.01306	0.00535563	0.266628	-3.75055	0.0346337	0.411575	-2.42969	0.103549	0.526432	-1.89958	0.0017491	0.200322	-4.99196
cg22261780	GRK7	0.00376915	0.00961035	0.56927	-1.75664	0.0551872	0.688256	-1.45295	0.0462791	0.675446	-1.4805	0.00276953	0.492007	-2.03249	0.0163154	0.603692	-1.65647
cg03347553	GRK7	0.0074603	0.0853605	0.395055	-2.5313	0.0132905	0.223558	-4.47311	0.00797574	0.190005	-5.26302	0.688068	0.821126	-1.21784	0.00184399	0.115395	-8.66592
cg22824767	GRK7	0.00879775	0.237545	0.820407	-1.21891	0.0030654	0.522734	-1.91302	0.023296	0.648076	-1.54303	0.872482	1.02603	1.02603	0.682032	0.936222	-1.06812
cg10952649	GRK7	0.0101183	0.329475	0.904159	-1.106	0.0097195	1.38741	1.38741	0.0167077	1.33972	1.33972	0.473913	0.929682	-1.07564	0.570469	0.944216	-1.05908
cg22949286	GRK7	0.0276127	0.301626	0.554115	-1.80468	0.556884	1.38788	1.38788	0.604951	1.3336	1.3336	0.71509	1.22415	1.22415	0.03058	0.246182	-4.06203
cg16564180	GRK7	0.0295736	0.00855469	0.342074	-2.92334	0.674478	1.14463	1.14463	0.580584	1.19538	1.19538	0.691526	1.13602	1.13602	0.00431628	0.295191	-3.38764
cg12522060	GRK7	0.0321933	0.0423917	0.657955	-1.51986	0.0158592	0.58912	-1.69745	0.203517	0.786345	-1.27171	0.423043	0.863688	-1.15783	0.500461	0.884729	-1.13029
cg10990660	GRK7	0.0410542	0.0854143	0.784481	-1.27473	0.488013	1.09411	1.09411	0.626224	1.06466	1.06466	0.217992	0.847535	-1.17989	0.0522626	0.754419	-1.32552
cg04122390	GRK7;GRK7	0.00123143	0.688841	0.954868	-1.04727	0.00314992	1.58884	1.58884	0.672794	1.04994	1.04994	0.708126	0.957769	-1.04409	7.18E-05	0.436129	-2.2929
cg11334163	GRLF1	0.00425327	0.0115696	0.364377	-2.74441	0.00629365	0.320482	-3.1203	0.259029	0.68624	-1.45722	0.472315	0.791557	-1.26333	0.00116813	0.217857	-4.59016
cg21568145	GRLF1	0.00830904	0.0375964	4.99549	4.99549	0.00153999	20.8679	20.8679	0.301985	2.04026	2.04026	0.346389	1.90907	1.90907	0.91559	1.07326	1.07326
cg03604073	GRLF1	0.0130811	0.0218466	7.40272	7.40272	0.00461822	15.5178	15.5178	0.275546	2.28243	2.28243	0.171762	2.88167	2.88167	0.764039	0.803308	-1.24485
cg17431280	GRLF1	0.0210328	0.0597601	8.92895	8.92895	0.00543998	43.3419	43.3419	0.276746	3.20878	3.20878	0.192887	4.1379	4.1379	0.499977	2.02515	2.02515
cg21764358	GRLF1	0.0229846	0.0211705	0.25818	-3.87327	0.0103607	0.206455	-4.84368	0.0163872	0.238497	-4.19293	0.182924	0.501329	-1.9947	0.027738	0.280495	-3.56513
cg08666831	GRLF1	0.0283729	0.782174	1.17469	1.17469	0.0141242	5.80924	5.80924	0.193837	2.22246	2.22246	0.831681	1.13162	1.13162	0.358855	0.578059	-1.72993
cg26446535	GRLF1	0.0386137	0.106579	0.584231	-1.71165	0.0079816	0.354459	-2.8212	0.258714	0.698072	-1.43252	0.00917509	2.74328	2.74328	0.902663	0.963369	-1.03802
cg16788436	GRLF1	0.0476785	0.0824796	0.6713	-1.48965	0.0435222	1.61764	1.61764	0.743578	0.934246	-1.07038	0.211673	1.31341	1.31341	0.303464	0.801838	-1.24713
cg26256158	GRM1;GRM1	0.0082594	0.0304875	0.260633	-3.83681	0.00608592	8.78076	8.78076	0.00469671	10.3227	10.3227	0.013907	0.180185	-5.54985	0.0236354	0.232639	-4.29851
cg23753795	GRM1;GRM1	0.0163566	0.924139	1.01389	1.01389	0.00402123	0.57134	-1.75027	0.567305	1.08736	1.08736	0.634583	0.932996	-1.07182	0.139476	0.794254	-1.25904
cg07218663	GRM1;GRM1	0.025325	0.0844662	0.634203	-1.57678	0.450739	1.20125	1.20125	0.85866	1.04345	1.04345	0.696472	1.09805	1.09805	0.0324409	0.550197	-1.81753
cg07224114	GRM1;GRM1	0.0264243	0.414219	1.39159	1.39159	0.000993215	6.93516	6.93516	0.255134	1.60059	1.60059	0.0596209	2.32009	2.32009	0.0872509	0.473531	-2.11179
cg13371951	GRM1;GRM1	0.030347	0.241566	1.26839	1.26839	0.766161	1.05955	1.05955	0.0415797	1.57728	1.57728	0.0191877	1.73252	1.73252	0.00229451	2.28567	2.28567
cg25423647	GRM2;GRM2	1.56E-05	4.78E-05	0.269128	-3.71571	0.194749	0.790482	-1.26505	6.42E-05	0.283812	-3.52345	0.962619	0.991999	-1.00807	1.21E-06	0.116743	-8.56584
cg10692302	GRM2;GRM2	0.00088353	0.164799	0.675777	-1.47978	0.332967	0.767895	-1.30226	0.000116502	0.167706	-5.9628	0.264212	1.36036	1.36036	6.60E-05	0.144333	-6.92842
cg15287403	GRM2;GRM2	0.00291474	0.622556	0.89747	-1.11424	0.32116	1.25042	1.25042	0.00994233	0.491691	-2.0338	0.171522	0.728046	-1.37354	6.65E-05	0.203068	-4.92445
cg10324572	GRM2;GRM2	0.0202487	0.923823	1.04045	1.04045	0.302317	1.55736	1.55736	0.97792	1.01154	1.01154	0.454762	1.37115	1.37115	0.0182946	0.305062	-3.27802
cg12452300	GRM2;GRM2	0.0206489	0.757812	1.12151	1.12151	0.233422	1.58917	1.58917	0.13962	0.554673	-1.80286	0.742541	1.13	1.13	0.0641991	0.462506	-2.16214
cg07114886	GRM2;GRM2	0.0297095	0.0424918	0.311495	-3.21033	0.0100635	0.197565	-5.06161	0.0246609	0.262947	-3.80305	0.109883	0.418906	-2.38717	0.0128813	0.214004	-4.67281
cg10804438	GRM2;GRM2	0.0371856	0.80384	0.903856	-1.10637	0.186544	0.566226	-1.76608	0.232057	0.601043	-1.66378	0.776025	0.8906	-1.12284	0.010123	0.267741	-3.73495
cg02232377	GRM3	0.000275749	0.630356	0.904461	-1.10563	0.00674976	2.06947	2.06947	0.0879385	1.47699	1.47699	0.00109407	2.71137	2.71137	0.000698577	0.342734	-2.91771
cg24098927	GRM3	0.00473639	0.0941855	1.33394	1.33394	0.896986	1.02049	1.02049	0.000495859	0.425857	-2.3482	0.892602	1.02138	1.02138	0.451225	1.12772	1.12772
cg01511379	GRM3	0.00981812	0.0729948	0.702686	-1.42311	0.0492169	1.48601	1.48601	0.00173196	2.19997	2.19997	0.0525247	0.677755	-1.47546	0.423182	0.865593	-1.15528
cg24469001	GRM4	0.00346544	0.130303	0.66448	-1.50494	0.224338	1.37615	1.37615	0.991238	1.00275	1.00275	0.207609	0.717203	-1.3943	0.0340165	0.538495	-1.85703
cg16480969	GRM4	0.011243	0.0089112	0.379408	-2.63568	0.952802	0.982909	-1.01739	0.736943	0.906482	-1.10317	0.320352	0.741527	-1.34857	0.00858695	0.376722	-2.65448
cg10270430	GRM4	0.0136147	0.420085	1.24663	1.24663	0.0193626	2.13135	2.13135	0.576105	1.16318	1.16318	0.911778	1.0301	1.0301	0.0620835	0.569991	-1.75441
cg21797718	GRM4	0.0136984	0.479872	0.839469	-1.19123	0.626241	1.12703	1.12703	0.439311	0.825163	-1.21188	0.0241686	0.519477	-1.92501	0.00819251	0.438557	-2.28021
cg06112910	GRM4	0.0347625	0.98465	1.00786	1.00786	0.00564553	4.38306	4.38306	0.0699126	2.28088	2.28088	0.933187	0.966461	-1.0347	0.0303921	0.355109	-2.81603
cg19471040	GRM4	0.0410141	0.171516	0.484939	-2.06212	0.0138848	4.53235	4.53235	0.214156	1.91598	1.91598	0.571857	0.752755	-1.32845	0.843835	0.906599	-1.10302
cg03723730	GRM4	0.0493467	0.666626	0.803462	-1.24461	0.0127882	4.766	4.766	0.025547	3.81785	3.81785	0.587817	1.31825	1.31825	0.912249	1.05724	1.05724
cg02052905	GRM5	0.000465885	6.52E-05	5.9519	5.9519	0.000422344	0.25692	-3.89226	0.316129	0.777144	-1.28676	0.145566	1.46251	1.46251	0.137148	0.67739	-1.47625
cg08512142	GRM5	0.00124584	0.000249863	1.80571	1.80571	0.0200399	0.76001	-1.31577	0.0308687	0.780431	-1.28134	0.0272545	0.774515	-1.29113	0.854184	1.01815	1.01815
cg04470971	GRM5	0.00151196	0.0826622	0.636121	-1.57203	7.04E-05	5.51278	5.51278	0.324278	1.27073	1.27073	0.0148284	2.02489	2.02489	0.210241	0.732896	-1.36445
cg05901895	GRM5	0.019386	0.418759	0.792596	-1.26168	0.0487915	1.88339	1.88339	0.0189358	0.449537	-2.22451	0.199578	1.46416	1.46416	0.00272166	0.31207	-3.20441
cg10451200	GRM5;GRM5	1.51E-06	1.26E-06	0.516007	-1.93796	0.0171501	0.8571	-1.16672	6.53E-05	0.677645	-1.4757	2.00E-06	0.536345	-1.86447	0.00318648	1.23836	1.23836
cg26068283	GRM5;GRM5	0.000206662	0.121469	0.851703	-1.17412	0.000224895	0.556127	-1.79815	0.953938	1.00554	1.00554	0.133245	1.16749	1.16749	0.00850329	0.725354	-1.37864
cg20090108	GRM5;GRM5	0.00184429	0.10961	1.94681	1.94681	0.0262412	2.73724	2.73724	0.174191	1.73688	1.73688	0.243715	1.59336	1.59336	0.0123637	3.28535	3.28535
cg04367107	GRM5;GRM5	0.00616955	0.181716	0.543682	-1.83931	0.104489	0.466341	-2.14436	0.0297297	0.332942	-3.00352	0.612588	0.802913	-1.24546	0.00317148	0.176819	-5.65551
cg26801014	GRM5;GRM5	0.00875139	0.0142651	3.11644	3.11644	0.00112881	6.06382	6.06382	0.213191	1.63727	1.63727	0.149722	1.78756	1.78756	0.0592703	2.22745	2.22745
cg02928699	GRM5;GRM5	0.018071	0.0692354	2.3775	2.3775	0.00289269	5.72626	5.72626	0.143197	1.95485	1.95485	0.457769	1.3801	1.3801	0.0246766	3.1259	3.1259
cg08292023	GRM5;GRM5	0.0190684	0.0360614	3.79669	3.79669	0.00980516	5.96923	5.96923	0.226438	2.00366	2.00366	0.279621	1.84975	1.84975	0.0198951	4.65528	4.65528
cg10801143	GRM5;GRM5	0.0234631	0.54027	0.823997	-1.2136	0.937387	1.02483	1.02483	0.0769229	0.541079	-1.84816	0.373501	0.751825	-1.3301	0.0218989	0.423708	-2.36012
cg11112257	GRM5;GRM5;GRM5	9.56E-05	0.0749258	0.696381	-1.436	0.778669	0.949894	-1.05275	0.895313	0.976268	-1.02431	0.420101	1.16216	1.16216	0.543135	0.893783	-1.11884
cg14379865	GRM5;GRM5;GRM5	0.00286344	0.000940379	0.586501	-1.70503	0.00175406	0.617427	-1.61962	0.000350144	0.53718	-1.86157	0.28634	0.887158	-1.12719	0.0907191	0.817476	-1.22328
cg10648542	GRM6	3.47E-07	6.56E-07	0.175353	-5.70278	0.188139	1.19587	1.19587	9.36E-07	0.189682	-5.27197	1.39E-07	0.11937	-8.37728	5.56E-07	0.168879	-5.9214
cg20439283	GRM6	8.42E-05	0.549856	0.900895	-1.11001	1.12E-05	0.199684	-5.00792	0.111398	0.741474	-1.34867	0.405781	1.15802	1.15802	1.85E-05	0.222098	-4.50251
cg07456682	GRM6	0.000117662	0.774133	0.946088	-1.05698	0.934937	0.984397	-1.01585	0.0622829	0.667505	-1.49812	0.176158	0.758054	-1.31917	1.02E-05	0.161786	-6.181
cg03330642	GRM6	0.00012983	0.000144763	0.637668	-1.56821	0.283898	1.07955	1.07955	0.0330633	0.842532	-1.1869	0.418927	1.05843	1.05843	4.63E-06	0.485524	-2.05963
cg26011633	GRM6	0.000198969	0.228564	0.79563	-1.25687	0.0927138	1.39751	1.39751	0.793799	0.953715	-1.04853	0.943819	0.987331	-1.01283	6.83E-06	0.164456	-6.08067
cg03132806	GRM6	0.000208011	0.0927585	0.667523	-1.49808	0.00300998	0.411139	-2.43227	0.390435	0.825063	-1.21203	0.00335461	0.418074	-2.39192	0.000314707	0.279174	-3.582
cg08432971	GRM6	0.000281469	0.0204241	0.613348	-1.6304	0.00866114	1.7958	1.7958	0.310112	0.832149	-1.20171	0.00197485	2.14858	2.14858	0.158353	0.768111	-1.30189
cg08897759	GRM6	0.00267099	0.910544	1.01224	1.01224	0.816561	0.975167	-1.02547	0.0908739	0.817447	-1.22332	0.0183699	0.733717	-1.36292	0.000108063	2.09299	2.09299
cg01814344	GRM6	0.00869367	0.055395	0.761855	-1.31259	0.819197	1.02909	1.02909	0.0906837	0.791774	-1.26299	0.773277	0.964464	-1.03685	0.0105744	0.668437	-1.49603
cg00871718	GRM6	0.0146386	0.251953	0.725106	-1.37911	0.820436	0.940763	-1.06297	0.0014156	0.289171	-3.45816	0.33176	1.30859	1.30859	0.0418465	0.532593	-1.8776
cg17867333	GRM6	0.0172669	0.499977	1.38292	1.38292	0.00453872	5.99089	5.99089	0.733903	1.17534	1.17534	0.0141983	4.18916	4.18916	0.759464	0.864665	-1.15652
cg21496785	GRM6	0.017438	0.0386621	1.59361	1.59361	0.0892036	0.694397	-1.4401	0.775782	0.945948	-1.05714	0.115476	1.39512	1.39512	0.0835104	1.45174	1.45174
cg16142824	GRM6	0.0354553	0.0957549	0.444318	-2.25064	0.514417	0.745927	-1.34061	0.677118	1.20401	1.20401	0.328742	0.639597	-1.56349	0.000899905	0.110472	-9.05207
cg19806642	GRM6	0.0375906	0.307449	1.2263	1.2263	0.116512	0.719407	-1.39003	0.098922	1.41814	1.41814	0.516421	0.880698	-1.13546	0.00954639	0.530547	-1.88485
cg00986191	GRM6	0.0413498	0.0590097	2.04934	2.04934	0.0682139	0.502998	-1.98808	0.895028	1.04543	1.04543	0.662727	1.15915	1.15915	0.0137241	0.358636	-2.78834
cg27333271	GRM7;GRM7	0.0013949	0.00828645	0.599505	-1.66804	0.000736649	0.459665	-2.1755	0.0432304	0.70295	-1.42258	0.182532	0.807005	-1.23915	0.000645683	0.452312	-2.21086
cg12479516	GRM7;GRM7	0.00153305	0.668514	0.915352	-1.09248	0.00119507	0.377191	-2.65117	0.00930885	0.507938	-1.96874	0.19934	0.756962	-1.32107	0.0967469	0.687729	-1.45406
cg04023483	GRM7;GRM7	0.00424499	0.0741326	1.41096	1.41096	0.499965	1.12575	1.12575	0.0279227	1.56732	1.56732	0.00262597	2.05545	2.05545	0.101885	1.36308	1.36308
cg00146655	GRM7;GRM7	0.00516943	0.892105	0.975628	-1.02498	0.0424067	0.6538	-1.52952	0.00143343	0.432506	-2.3121	0.227131	0.794111	-1.25927	0.0548576	0.673081	-1.48571
cg21187352	GRM7;GRM7	0.00876036	0.0152034	0.633871	-1.57761	0.0388913	1.44141	1.44141	0.835725	1.03226	1.03226	0.99211	1.00151	1.00151	0.805695	0.963016	-1.0384
cg23475045	GRM7;GRM7	0.0131843	0.431324	0.783313	-1.27663	0.00106696	0.22982	-4.35123	0.00765049	0.352572	-2.8363	0.859571	1.05532	1.05532	0.0641562	0.53125	-1.88235
cg19385628	GRM7;GRM7	0.0171939	0.441315	1.306	1.306	0.0195039	2.61152	2.61152	0.257225	1.49486	1.49486	0.109685	1.80929	1.80929	0.731238	0.889378	-1.12438
cg13231680	GRM7;GRM7	0.0215123	0.824198	0.935753	-1.06866	0.0056931	0.338809	-2.95151	0.872576	0.953224	-1.04907	0.127327	1.63576	1.63576	0.0602174	0.531212	-1.88249
cg02332525	GRM7;GRM7	0.0263534	0.657815	1.0542	1.0542	0.590229	1.06649	1.06649	0.0144841	1.42865	1.42865	0.258785	1.14971	1.14971	0.708953	1.0454	1.0454
cg21032008	GRM7;GRM7	0.0302094	0.00462021	0.146498	-6.82603	0.0463424	0.312499	-3.20001	0.0140061	0.21302	-4.69438	0.0204792	0.24095	-4.15023	0.0770312	0.367124	-2.72388
cg07751325	GRM7;GRM7	0.0305658	0.288565	1.32533	1.32533	0.452993	0.822469	-1.21585	0.130938	0.659055	-1.51732	0.00310916	2.81238	2.81238	0.860119	0.955907	-1.04613
cg17219740	GRM7;GRM7	0.0352369	0.902122	1.03939	1.03939	0.0625104	1.93151	1.93151	0.301556	0.714536	-1.39951	0.323817	1.37712	1.37712	0.221131	0.667713	-1.49765
cg04527363	GRM7;GRM7	0.0368351	0.639911	0.842474	-1.18698	0.699766	0.868513	-1.15139	0.713835	0.874598	-1.14338	0.637622	0.841471	-1.18839	0.663798	0.852902	-1.17247
cg24643102	GRM7;GRM7	0.0424283	0.773749	1.11072	1.11072	0.0279191	0.388137	-2.57641	0.0610983	0.463519	-2.15741	0.103025	1.91511	1.91511	0.736816	0.884366	-1.13075
cg17892178	GRM7;GRM7;GRM7;GRM7	0.0167436	0.671189	0.961065	-1.04051	0.779542	1.02644	1.02644	0.378092	0.919334	-1.08774	0.0136479	1.32807	1.32807	0.270788	1.11252	1.11252
cg22374237	GRM8	5.20E-05	0.62209	0.913074	-1.0952	0.00288843	0.472413	-2.11679	0.310923	0.82539	-1.21155	0.629011	1.0932	1.0932	0.296569	1.21908	1.21908
cg02409125	GRM8	0.00384013	0.0074034	0.533346	-1.87496	0.0698042	1.44687	1.44687	0.858087	0.967918	-1.03315	0.555171	0.896973	-1.11486	9.12E-05	0.279777	-3.57427
cg16919771	GRM8	0.0232039	0.161777	0.855711	-1.16862	0.0340983	1.29424	1.29424	0.526329	0.935231	-1.06925	0.92953	1.00927	1.00927	0.424627	0.918473	-1.08876
cg08731559	GRM8	0.0261064	0.519958	0.804566	-1.24291	0.661056	0.863207	-1.15847	0.071943	1.95372	1.95372	0.82545	1.07642	1.07642	0.270571	0.682185	-1.46588
cg00076497	GRM8	0.0289708	0.0596037	0.740523	-1.3504	0.301337	0.859575	-1.16337	0.151314	0.804718	-1.24267	0.0410176	0.71663	-1.39542	0.842834	0.97234	-1.02845
cg13588054	GRM8	0.0439726	0.506122	1.15501	1.15501	0.793134	1.05775	1.05775	0.119201	0.696825	-1.43508	0.0888024	1.49329	1.49329	0.272211	0.783377	-1.27653
cg14399018	GRM8;GRM8;GRM8	0.000518758	0.174742	1.30575	1.30575	0.000228709	0.322554	-3.10026	0.0010273	0.406897	-2.45762	0.00490007	1.99189	1.99189	0.385715	1.17863	1.17863
cg02946850	GRM8;GRM8;GRM8	0.00108262	0.151733	1.23752	1.23752	3.21E-05	3.07387	3.07387	0.0142415	1.52127	1.52127	0.209043	0.832146	-1.20171	0.699529	0.947606	-1.05529
cg06759901	GRM8;GRM8;GRM8	0.00272232	0.0209983	1.32807	1.32807	0.00227594	0.646535	-1.54671	0.0291618	0.769002	-1.30039	0.689141	1.04194	1.04194	0.0259422	0.763271	-1.31015
cg05954147	GRM8;GRM8;GRM8	0.00379335	0.115457	0.714437	-1.3997	0.0170704	0.564756	-1.77068	0.00156029	0.40929	-2.44325	0.961321	1.00957	1.00957	0.044823	0.636026	-1.57226
cg09971309	GRM8;GRM8;GRM8	0.00472693	0.830007	1.04612	1.04612	0.0169397	0.542907	-1.84194	0.000478359	0.316782	-3.15675	0.0639102	0.646143	-1.54764	0.00115496	0.367401	-2.72182
cg08992229	GRM8;GRM8;GRM8	0.0137721	0.323842	1.38657	1.38657	0.0368425	2.1766	2.1766	0.327779	1.38267	1.38267	0.0633226	1.95391	1.95391	0.145896	0.606063	-1.64999
cg05065846	GRM8;GRM8;GRM8	0.0244576	0.0426531	0.298681	-3.34806	0.0379472	0.287654	-3.4764	0.0361551	0.283207	-3.53099	0.215571	0.509211	-1.96382	0.00425591	0.137978	-7.24751
cg16517543	GRM8;GRM8;GRM8	0.0302551	0.213994	1.18793	1.18793	0.797335	1.03445	1.03445	0.08713	0.77986	-1.28228	0.641352	0.94012	-1.06369	0.0103954	0.653944	-1.52918
cg22319267	GRM8;GRM8;GRM8	0.0439754	0.108053	0.430796	-2.32128	0.0350519	0.307439	-3.25268	0.067454	0.37378	-2.67537	0.264529	1.74811	1.74811	0.00742579	0.190873	-5.23909
cg19270265	GRM8;GRM8;GRM8	0.0478162	0.181104	0.720595	-1.38774	0.314597	0.786631	-1.27124	0.0153344	0.503166	-1.98741	0.0992628	0.659004	-1.51744	0.023769	1.86411	1.86411
cg06800040	GRN	0.00400079	0.0401016	0.251761	-3.97202	0.186215	0.442693	-2.2589	0.00213827	0.081421	-12.2818	0.0126824	0.165073	-6.05794	0.000413775	0.0384514	-26.0069
cg07935119	GRN	0.00447766	0.613183	1.07151	1.07151	0.00206896	0.555611	-1.79982	0.00178464	1.82654	1.82654	0.0313638	0.710265	-1.40792	0.211038	0.836488	-1.19547
cg21497218	GRN	0.0044857	0.122099	1.23428	1.23428	0.323304	0.879724	-1.13672	0.00750991	1.54066	1.54066	0.292452	0.871796	-1.14706	0.129083	1.22877	1.22877
cg23570245	GRN	0.00682638	0.243544	0.748652	-1.33573	0.00453591	0.407759	-2.45243	0.0190373	0.509965	-1.96092	0.0300098	0.545763	-1.8323	0.000490784	0.273804	-3.65225
cg16500497	GRN	0.0103819	0.0188326	0.23435	-4.26712	0.573756	0.748386	-1.33621	0.0216403	0.24508	-4.0803	0.228119	0.524628	-1.90611	0.000619753	0.0681461	-14.6744
cg01146514	GRN	0.011041	0.959889	0.990394	-1.0097	0.308069	1.22444	1.22444	0.00245587	2.24468	2.24468	0.952258	0.988575	-1.01156	0.0630758	0.669484	-1.49369
cg17101358	GRN;GRN	0.00189833	0.103203	1.32105	1.32105	0.898724	0.980306	-1.02009	0.11091	1.31167	1.31167	0.120414	0.76864	-1.301	0.164458	0.793184	-1.26074
cg19611392	GRP;GRP;GRP	2.66E-06	0.000419898	2.76678	2.76678	0.120829	0.736236	-1.35826	0.756726	0.945011	-1.05819	0.00773035	1.86408	1.86408	1.89E-06	0.116309	-8.59782
cg15509687	GRP;GRP;GRP	7.10E-06	0.0122279	1.92042	1.92042	0.277846	0.789856	-1.26605	0.490792	0.863889	-1.15756	0.0237896	1.75771	1.75771	0.960391	1.01044	1.01044
cg26474014	GRP;GRP;GRP	4.96E-05	0.00786829	0.440569	-2.26979	0.000299058	0.243074	-4.11398	0.000206592	0.224509	-4.45417	0.000193152	0.221215	-4.52049	0.000130603	0.202565	-4.93668
cg23357981	GRP;GRP;GRP	5.12E-05	0.00155924	1.62565	1.62565	0.136069	0.842272	-1.18727	0.353668	1.10736	1.10736	0.035593	1.29878	1.29878	0.0324603	1.30677	1.30677
cg24131595	GRP;GRP;GRP	0.000451429	0.00766821	0.192942	-5.18291	0.240765	1.80336	1.80336	0.27325	1.72885	1.72885	0.93225	1.04167	1.04167	0.0796344	0.392966	-2.54475
cg03563308	GRP;GRP;GRP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01625242	GRP;GRP;GRP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15108347	GRP;GRP;GRP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16899265	GRP;GRP;GRP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25260683	GRP;GRP;GRP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27456802	GRP;GRP;GRP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12927990	GRP;GRP;GRP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26745520	0.149419	0.70998	-1.40849	0.329504	1.24981	1.24981	0.65108	1.10615	1.10615	0.432234	0.837273	-1.19435	7.16082	5.56853	0.691235	1
cg09337049	0.0372838	0.371087	-2.69478	0.00166	0.157964	-6.33055	0.43761	1.38363	1.38363	0.0112134	0.271693	-3.68062	5.65068	15.05	2.36746	1
cg00533585	0.0874491	0.41722	-2.39682	0.0416238	0.336794	-2.96917	0.551335	1.32214	1.32214	0.105886	0.441182	-2.26664	4.84355	16.4666	3.02196	1
cg03075966	0.0312991	0.564546	-1.77133	0.261812	1.30318	1.30318	0.207193	1.35124	1.35124	0.301518	0.784859	-1.27411	4.43161	3.59468	0.721019	1
cg01327877	0.713248	0.950402	-1.05219	0.736411	0.954506	-1.04766	0.0438628	1.37608	1.37608	0.00756681	1.60562	1.60562	4.28311	1.28845	0.267396	1
cg09757353	0.684891	1.05906	1.05906	0.323968	1.15404	1.15404	0.33907	0.870586	-1.14865	0.233413	0.838858	-1.1921	4.10202	1.28507	0.278469	1
cg10897866	0.98679	0.995705	-1.00431	0.687791	1.11075	1.11075	0.0523394	0.563397	-1.77495	0.0155003	0.462064	-2.1642	4.08224	4.37112	0.951791	1
cg09872523	0.668144	1.08275	1.08275	0.879979	0.972531	-1.02824	0.995576	1.00102	1.00102	0.346246	0.836267	-1.19579	4.03133	2.16964	0.478395	1
cg01516887	0.0108712	0.612342	-1.63307	0.0492609	1.4109	1.4109	0.902979	0.98147	-1.01888	0.605507	1.08319	1.08319	4.02228	1.49862	0.331183	1
cg24902461	0.24057	0.727013	-1.37549	0.0236695	0.496136	-2.01557	0.75881	1.08319	1.08319	0.066331	0.586039	-1.70637	3.97227	4.23577	0.947855	1
cg10318661	0.027201	1.62986	1.62986	0.0222179	1.66901	1.66901	0.704436	1.07382	1.07382	0.656958	0.919864	-1.08712	3.61021	1.9968	0.491643	1
cg27315279	0.190464	0.797988	-1.25315	0.0048115	0.54396	-1.83837	0.104788	0.749353	-1.33449	0.217154	0.809496	-1.23534	3.55473	1.49147	0.372954	1
cg17974715	0.572938	0.95122	-1.05128	0.00039724	1.64052	1.64052	0.0810336	1.18511	1.18511	0.198256	0.887476	-1.12679	7.35115	0.897381	0.10851	1
cg05572003	0.000465204	0.412641	-2.42342	0.000520616	0.418916	-2.38711	0.898334	1.02077	1.02077	0.0301681	0.663701	-1.5067	14.0183	5.74057	0.364004	1
cg11274816	0.387264	0.889879	-1.12375	0.0106418	1.52624	1.52624	0.356685	1.13292	1.13292	0.00122285	0.536435	-1.86416	9.16068	2.51454	0.243994	1
cg23327334	0.555181	0.897202	-1.11458	0.275472	0.813658	-1.22902	0.79742	0.954322	-1.04786	0.00104504	0.413993	-2.4155	6.98286	3.65377	0.465109	1
cg18034719	0.398521	1.20875	1.20875	0.152786	1.39914	1.39914	0.265916	0.775487	-1.28951	0.501888	0.861151	-1.16124	5.11525	3.89727	0.677239	1
cg16426715	0.051534	0.613374	-1.63033	0.0133048	0.508433	-1.96683	0.476145	1.17326	1.17326	0.856983	1.04059	1.04059	4.62064	3.55931	0.684717	1
cg17402373	0.613516	1.12926	1.12926	0.0927843	0.64309	-1.55499	0.00415265	0.399669	-2.50207	0.652887	1.11412	1.11412	4.39035	3.96166	0.802095	1
cg19459094	0.838645	1.05673	1.05673	0.321105	1.31972	1.31972	0.102178	1.62267	1.62267	0.162069	0.667645	-1.4978	3.72817	4.32431	1.03102	1
cg27497299	0.0717979	1.35184	1.35184	0.0013863	2.00412	2.00412	0.993885	0.998851	-1.00115	0.123641	0.778715	-1.28417	3.71332	1.32288	0.316669	1
cg00556570	0.520635	0.923763	-1.08253	0.0120754	1.46397	1.46397	0.982935	1.00261	1.00261	0.675905	0.950084	-1.05254	3.66926	0.861947	0.208809	1
cg22592490	0.974885	0.996854	-1.00316	0.00117675	0.620992	-1.61033	0.000839259	1.65338	1.65338	0.945194	1.0069	1.0069	6.78415	1.0763	0.141022	1
cg01584457	0.00284434	0.227527	-4.39507	0.000772058	0.159681	-6.26249	0.00519779	0.26468	-3.77815	0.0025767	0.221805	-4.50845	9.16336	18.8508	1.82861	1
cg22261780	0.00936599	0.567622	-1.76174	0.857977	0.969684	-1.03126	0.00883445	0.563892	-1.77339	0.000304782	0.364818	-2.74109	7.99422	3.73979	0.415832	1
cg03347553	0.00254425	0.129393	-7.7284	0.0155156	0.234655	-4.26158	0.0804278	0.387929	-2.57779	0.00788509	0.189304	-5.28251	6.48478	24.4907	3.35701	1
cg22824767	0.112523	0.758513	-1.31837	0.00396115	1.85879	1.85879	0.0287331	0.661851	-1.51092	0.138058	0.774551	-1.29107	6.15658	2.49564	0.360322	1
cg10952649	0.102721	1.1957	1.1957	0.00152332	1.57922	1.57922	0.0824415	0.824828	-1.21237	0.784266	1.02785	1.02785	5.88842	0.934648	0.14109	1
cg22949286	0.578475	0.733721	-1.36292	0.00199353	0.0900091	-11.11	0.0416958	3.65179	3.65179	0.979032	1.0146	1.0146	4.20837	20.284	4.28438	1
cg16564180	0.0954968	0.556747	-1.79615	0.575645	0.834563	-1.19823	0.565451	0.83044	-1.20418	0.0176538	0.397319	-2.51687	4.10764	6.65261	1.43962	1
cg12522060	0.823405	1.04084	1.04084	0.0736396	1.42923	1.42923	0.465236	0.875384	-1.14236	0.00417094	0.502815	-1.9888	3.98528	2.02424	0.451492	1
cg10990660	0.0455586	0.746254	-1.34003	0.481561	1.09562	1.09562	0.517412	0.919632	-1.08739	0.002865	0.592309	-1.68831	3.64796	0.941488	0.22941	1
cg04122390	0.276588	1.13865	1.13865	0.0219254	1.37087	1.37087	0.605024	0.941896	-1.06169	0.029064	0.744411	-1.34334	11.0896	2.31202	0.18532	1
cg11334163	0.0272526	0.433677	-2.30586	0.000600395	0.184035	-5.43376	0.441403	1.28532	1.28532	0.0674501	0.519356	-1.92546	7.70827	12.4818	1.43935	1
cg21568145	0.223212	2.3477	2.3477	0.0149766	0.136059	-7.34973	0.00694697	10.268	10.268	0.0332039	5.25986	5.25986	6.26883	44.1494	6.26017	1
cg03604073	0.367006	1.96245	1.96245	0.0435238	0.18476	-5.41244	0.00516711	14.6747	14.6747	0.0308928	6.32096	6.32096	5.41913	45.426	7.45113	1
cg17431280	0.189133	4.19404	4.19404	0.0540986	0.10508	-9.51655	0.00856784	31.6953	31.6953	0.0274292	14.7112	14.7112	4.62457	77.7935	14.9527	1
cg21764358	0.0452916	0.325618	-3.07108	0.00923586	0.199012	-5.02482	0.0120182	0.216404	-4.62099	0.485421	0.707268	-1.41389	4.4859	16.9601	3.36068	1
cg08666831	0.540155	1.43371	1.43371	0.00500219	0.115589	-8.65131	0.0453822	3.79368	3.79368	0.292257	1.88658	1.88658	4.16829	22.2782	4.75083	1
cg26446535	0.489884	0.807396	-1.23855	0.377553	1.31807	1.31807	0.785985	0.920337	-1.08656	0.338642	0.740194	-1.351	3.73118	5.49775	1.30974	1
cg16788436	0.141316	0.720532	-1.38786	0.840831	1.04255	1.04255	0.460034	0.855679	-1.16866	0.0062686	0.478089	-2.09166	3.44971	2.34576	0.604432	1
cg26256158	0.0429397	0.301259	-3.3194	?	?	?	0.853753	0.922591	-1.0839	0.95446	0.9754	-1.02522	16.3866	38.2022	1.16566	1
cg23753795	0.0481365	0.720966	-1.38703	0.348569	0.869545	-1.15003	0.184705	1.22603	1.22603	0.0018283	0.526528	-1.89923	5.03391	1.67276	0.295376	1
cg07218663	0.187697	0.71667	-1.39534	0.00135514	0.329509	-3.03482	0.209805	1.37077	1.37077	0.241568	0.746401	-1.33976	4.33769	3.91141	0.801533	1
cg07224114	0.306239	1.52104	1.52104	0.744894	0.878745	-1.13799	0.194275	1.72234	1.72234	0.963764	0.982175	-1.01815	4.27381	10.6097	2.20665	1
cg13371951	0.132602	0.729975	-1.36991	0.546525	1.12564	1.12564	0.143341	1.35665	1.35665	0.543838	1.12656	1.12656	4.07016	2.42489	0.529575	1
cg25423647	0.719631	1.06373	1.06373	1.88E-05	0.224915	-4.44613	0.529863	0.896651	-1.11526	0.000331515	0.37041	-2.69971	36.1589	16.8266	0.413645	1
cg10692302	0.843203	1.05377	1.05377	0.192766	0.694526	-1.43983	0.504626	1.19608	1.19608	0.0543044	0.561302	-1.78157	12.1861	13.497	0.98451	1
cg15287403	0.0608944	0.630893	-1.58506	0.358471	1.22861	1.22861	0.704458	1.08664	1.08664	0.573414	1.13206	1.13206	8.63167	6.49882	0.669248	1
cg10324572	0.761767	0.881568	-1.13434	0.000700186	0.117325	-8.52332	0.877858	1.06583	1.06583	0.165826	0.541898	-1.84537	4.68484	12.7522	2.41958	1
cg12452300	0.756859	1.12204	1.12204	0.000604338	0.14076	-7.10427	0.120033	0.535096	-1.86882	0.842065	0.928702	-1.07677	4.65372	10.132	1.93527	1
cg07114886	0.118097	0.428601	-2.33317	0.00518253	0.158431	-6.3119	0.112942	0.422568	-2.36648	0.235037	0.537183	-1.86156	4.10097	16.191	3.5094	1
cg10804438	0.123765	1.96817	1.96817	0.0029434	0.190396	-5.25221	0.48399	0.749081	-1.33497	0.546928	0.78067	-1.28095	3.78295	9.88487	2.32267	1
cg02232377	0.0337805	1.67087	1.67087	0.017388	1.82167	1.82167	3.01E-05	5.42078	5.42078	0.167735	1.35595	1.35595	16.8337	11.4343	0.603781	1
cg24098927	0.005586	0.5656	-1.76803	0.246054	1.20921	1.20921	0.389104	0.870917	-1.14821	0.0190074	1.55993	1.55993	7.46075	2.89735	0.345196	1
cg01511379	0.604872	1.09647	1.09647	0.0202041	0.610051	-1.63921	0.353506	0.844982	-1.18346	0.217901	1.25696	1.25696	5.9454	2.93154	0.438291	1
cg24469001	0.904851	1.03037	1.03037	0.000276422	0.225568	-4.43326	0.000564541	0.26268	-3.80691	0.398441	0.805525	-1.24143	8.19811	8.12461	0.880919	1
cg16480969	0.0673134	0.550402	-1.81685	0.00235886	0.290698	-3.43999	0.00436101	0.32984	-3.03177	0.0223618	0.450635	-2.21909	5.69226	7.64659	1.19407	1
cg10270430	0.00807484	2.47914	2.47914	0.00383006	2.83838	2.83838	0.29855	0.749497	-1.33423	0.0354038	1.92615	1.92615	5.34866	6.06653	1.00819	1
cg21797718	0.0976979	1.55691	1.55691	0.412089	1.2267	1.2267	0.0014602	0.326344	-3.06425	0.320133	0.778572	-1.2844	5.33792	5.01842	0.835685	1
cg06112910	0.132955	1.93394	1.93394	0.166592	0.548783	-1.82222	0.728413	0.86777	-1.15238	0.33621	0.668016	-1.49697	3.87667	10.1635	2.3304	1
cg19471040	0.473528	1.4368	1.4368	0.0723939	0.369071	-2.7095	0.0244346	0.263681	-3.79246	0.0961543	0.403187	-2.48024	3.64927	14.2857	3.4797	1
cg03723730	0.100007	2.48433	2.48433	0.922317	1.05048	1.05048	0.0263963	0.264652	-3.77854	0.852703	0.910422	-1.09839	3.4051	13.7485	3.589	1
cg02052905	0.280833	0.761327	-1.3135	0.0175775	0.495174	-2.01949	0.0257978	1.90405	1.90405	0.0976598	1.55596	1.55596	14.5732	13.6592	0.833144	1
cg08512142	0.0143977	1.34312	1.34312	0.00310869	0.673303	-1.48521	0.305522	1.10933	1.10933	0.829524	0.979134	-1.02131	11.0528	1.67419	0.134641	1
cg04470971	0.0422929	1.73414	1.73414	0.0144179	0.49177	-2.03347	0.90257	1.02924	1.02924	0.380244	1.23595	1.23595	10.4556	9.17308	0.779851	1
cg05901895	0.716128	1.10821	1.10821	0.275208	1.37626	1.37626	0.106787	0.609338	-1.64113	0.652423	0.880247	-1.13605	4.75459	5.9601	1.11426	1
cg10451200	8.23E-06	0.596533	-1.67635	3.92E-05	0.65845	-1.51872	1.77E-06	0.530826	-1.88386	5.55E-06	0.580132	-1.72375	65.9604	2.94384	0.0396715	1
cg26068283	0.106253	0.844805	-1.1837	7.33E-06	0.388666	-2.5729	0.00259532	0.670994	-1.49033	0.0073855	0.718912	-1.39099	18.2086	2.63596	0.128679	1
cg20090108	0.0186729	2.9707	2.9707	5.27E-05	17.9004	17.9004	0.00125321	6.04761	6.04761	0.0157495	3.0961	3.0961	9.8719	22.8062	2.05353	1
cg04367107	0.0154309	0.278703	-3.58805	0.000338573	0.083514	-11.974	0.299699	0.630017	-1.58726	0.00813123	0.23307	-4.29056	6.87967	20.1339	2.6014	1
cg26801014	0.00505615	4.03163	4.03163	0.7138	1.14859	1.14859	0.00229203	4.96925	4.96925	0.0843388	2.05058	2.05058	6.16689	13.8149	1.99126	1
cg02928699	0.0370232	2.80609	2.80609	0.00290472	5.71906	5.71906	0.0196998	3.32067	3.32067	0.306971	1.56925	1.56925	4.86868	13.9972	2.5555	1
cg08292023	0.0270946	4.18593	4.18593	0.00173817	11.5156	11.5156	0.0312105	3.98835	3.98835	0.0736933	2.97727	2.97727	4.78125	22.6739	4.21534	1
cg10801143	0.00461965	0.30827	-3.24391	0.00580556	0.323617	-3.09007	0.217647	0.667002	-1.49925	0.0102608	0.364138	-2.74621	4.45411	6.87772	1.37256	1
cg11112257	0.0226166	1.64547	1.64547	9.83E-07	0.095417	-10.4803	0.795411	0.9537	-1.04855	0.642902	1.08892	1.08892	22.4069	11.8117	0.468574	1
cg14379865	0.0581469	0.793298	-1.26056	0.369931	0.905227	-1.10469	0.0211698	0.74104	-1.34945	0.00561279	0.6749	-1.4817	8.67722	1.60705	0.164625	1
cg10648542	0.0527189	0.753925	-1.32639	0.139347	1.22636	1.22636	0.515527	0.918906	-1.08825	8.18E-07	0.184203	-5.4288	95.9755	25.0074	0.231609	1
cg20439283	0.0148172	1.67725	1.67725	0.0104756	1.74327	1.74327	0.512415	0.891718	-1.12143	0.120041	0.747579	-1.33765	23.1819	10.9247	0.418895	1
cg07456682	0.108438	1.40113	1.40113	0.167973	1.32714	1.32714	0.570044	0.89533	-1.11691	1.45E-05	0.175938	-5.68382	21.1967	12.4543	0.522274	1
cg03330642	0.173248	1.10476	1.10476	0.0454663	1.17084	1.17084	0.170115	0.904425	-1.10567	0.410136	0.943733	-1.05962	20.6439	1.54551	0.0665468	1
cg26011633	0.00631981	1.90281	1.90281	0.0228944	1.63636	1.63636	0.44407	0.86835	-1.15161	0.00209243	0.456928	-2.18853	18.3969	9.53649	0.460777	1
cg03132806	0.00976882	0.489693	-2.0421	9.74E-06	0.125031	-7.998	0.000271596	0.271387	-3.68478	0.0024227	0.397425	-2.5162	18.1765	13.7453	0.672191	1
cg08432971	0.0164536	1.66997	1.66997	0.000127809	0.311722	-3.20799	0.000379899	2.69957	2.69957	0.132808	1.32808	1.32808	16.7395	8.11439	0.430884	1
cg08897759	0.914762	0.98848	-1.01165	0.0574509	1.2618	1.2618	0.0575224	0.792585	-1.26169	0.716369	1.04028	1.04028	8.85761	1.64292	0.164872	1
cg01814344	0.0697538	1.28922	1.28922	0.00112414	1.82338	1.82338	0.366186	0.890215	-1.12332	0.425409	0.903067	-1.10734	6.17983	1.53572	0.220894	1
cg00871718	0.00295129	0.334119	-2.99294	0.423751	1.24537	1.24537	0.777663	0.926786	-1.079	0.662669	0.88879	-1.12512	5.22261	5.96688	1.01557	1
cg17867333	0.831909	0.904257	-1.10588	0.143245	0.47481	-2.10611	0.00343366	6.56661	6.56661	0.174038	1.98323	1.98323	4.94364	17.5537	3.15623	1
cg21496785	0.185756	1.31393	1.31393	0.563289	1.12042	1.12042	0.0024912	0.441394	-2.26555	0.228008	0.781746	-1.27919	4.92733	2.95493	0.533068	1
cg16142824	0.497613	1.35702	1.35702	0.42136	1.43933	1.43933	0.571587	1.28848	1.28848	0.402272	0.683827	-1.46236	3.84907	11.983	2.76731	1
cg19806642	0.731952	1.06865	1.06865	0.0110173	0.540208	-1.85114	0.53416	0.885524	-1.12927	0.110014	0.71436	-1.39985	3.76803	2.22516	0.524922	1
cg00986191	0.35922	1.37334	1.37334	0.0117636	0.346841	-2.88317	0.760949	0.90241	-1.10814	0.755406	0.90018	-1.11089	3.63829	6.52558	1.5943	1
cg27333271	0.0300345	0.679208	-1.4723	0.000328107	0.414966	-2.40984	0.114383	1.2973	1.2973	0.196988	0.813227	-1.22967	10.7007	3.89364	0.323437	1
cg12479516	0.810535	0.951881	-1.05055	0.000809764	0.354373	-2.82188	0.0244499	0.576684	-1.73405	0.000108103	0.246272	-4.06056	10.414	6.95384	0.593545	1
cg04023483	0.199948	1.26394	1.26394	0.000895083	0.423036	-2.36386	0.0506397	1.47003	1.47003	0.610928	0.915068	-1.09282	7.71282	3.65557	0.421298	1
cg00146655	0.929176	0.983967	-1.01629	0.00151222	0.435686	-2.29523	0.322072	1.2044	1.2044	0.00188427	0.448843	-2.22795	7.26424	3.80296	0.465349	1
cg21187352	0.92963	1.0136	1.0136	0.000995142	0.473444	-2.11218	0.0555204	1.39349	1.39349	0.0835237	1.34031	1.34031	6.16489	2.28285	0.329155	1
cg23475045	0.153604	0.628404	-1.59133	0.00989429	0.3712	-2.69396	0.352335	1.3378	1.3378	0.387664	0.763962	-1.30897	5.40522	7.91533	1.30168	1
cg19385628	0.66313	1.1607	1.1607	0.00369281	0.263387	-3.79669	0.0139242	2.80925	2.80925	0.125329	1.7578	1.7578	4.95066	9.0645	1.62753	1
cg13231680	0.0363032	0.483636	-2.06767	0.0657538	0.539958	-1.852	0.0128782	0.397857	-2.51346	0.263321	1.41628	1.41628	4.58906	6.47404	1.25401	1
cg02332525	0.972293	0.995896	-1.00412	0.00925569	0.676322	-1.47859	0.0494839	1.30398	1.30398	0.0166552	1.41364	1.41364	4.27783	0.949954	0.19739	1
cg21032008	0.099182	0.398034	-2.51235	0.0368881	0.290716	-3.43978	0.194839	0.497132	-2.01154	0.0284838	0.267788	-3.73429	4.07675	16.7712	3.65676	1
cg07751325	0.10818	1.56528	1.56528	0.0416302	0.548545	-1.823	0.833434	0.947586	-1.05531	0.252485	0.73669	-1.35742	4.05978	4.20242	0.920122	1
cg17219740	0.0131305	0.380667	-2.62697	0.00764161	0.340661	-2.93547	0.829094	1.07024	1.07024	0.136661	0.6044	-1.65453	3.8577	6.02503	1.38829	1
cg04527363	0.342904	0.70084	-1.42686	0.805154	0.914008	-1.09408	0.000712575	6.52235	6.52235	0.391383	1.37641	1.37641	3.79604	7.95693	1.86321	1
cg24643102	0.407413	1.36171	1.36171	0.448913	0.754925	-1.32463	0.00802399	3.44713	3.44713	0.924706	1.03504	1.03504	3.60373	7.57552	1.86856	1
cg17892178	0.0258428	0.781852	-1.27901	0.023846	0.778192	-1.28503	0.338937	1.096	1.096	0.00842804	1.36738	1.36738	4.99479	0.684209	0.121764	1
cg22374237	0.398866	1.17128	1.17128	0.0561979	0.673124	-1.48561	7.28E-07	11.5997	11.5997	0.62955	1.09304	1.09304	26.3465	13.9803	0.471672	1
cg02409125	0.475533	0.876177	-1.14132	0.999578	1.0001	1.0001	0.16629	0.764211	-1.30854	0.312574	0.826705	-1.20962	7.94952	4.17892	0.467273	1
cg16919771	0.647678	1.04916	1.04916	0.000825877	0.591371	-1.69099	0.924559	0.99017	-1.00993	0.664766	1.04652	1.04652	4.47122	0.770308	0.153139	1
cg08731559	0.165484	0.610686	-1.6375	0.536176	0.811515	-1.23226	0.000919266	5.2124	5.2124	0.940201	1.02533	1.02533	4.29195	7.55589	1.56487	1
cg00076497	0.858767	0.975146	-1.02549	0.0355744	0.707721	-1.41299	0.00571477	1.66872	1.66872	0.182061	0.818619	-1.22157	4.1377	1.30844	0.281087	1
cg13588054	0.647415	1.10337	1.10337	0.00234187	0.403604	-2.47768	0.675876	0.914093	-1.09398	0.333258	1.23764	1.23764	3.55609	2.57007	0.642421	1
cg14399018	0.272619	1.23495	1.23495	0.0010902	2.43678	2.43678	0.133226	0.741285	-1.34901	0.120081	0.732232	-1.36569	14.1452	7.65243	0.480882	1
cg02946850	0.00483539	1.67973	1.67973	0.00382657	1.71779	1.71779	0.0517648	1.35956	1.35956	0.260372	1.17692	1.17692	11.5043	3.5084	0.271081	1
cg06759901	0.507148	0.933547	-1.07118	0.0013585	1.60838	1.60838	0.257914	1.12821	1.12821	0.0611688	0.806067	-1.24059	8.80794	1.45657	0.146996	1
cg05954147	0.473319	1.15409	1.15409	0.00088646	2.66095	2.66095	0.901745	0.976023	-1.02457	0.69614	0.925779	-1.08017	7.97886	4.87911	0.543559	1
cg09971309	0.610063	1.1139	1.1139	0.0391157	0.606109	-1.64987	0.0756777	0.660575	-1.51383	0.0261651	0.575056	-1.73896	7.46529	5.1998	0.619138	1
cg08992229	0.0150505	2.60763	2.60763	0.0703557	1.91324	1.91324	0.000824414	5.03294	5.03294	0.109958	1.74866	1.74866	5.32853	8.68268	1.44842	1
cg05065846	0.0179946	0.225767	-4.42934	0.00640645	0.159373	-6.27461	0.308706	0.579546	-1.72549	0.0550406	0.324198	-3.08453	4.39056	18.6429	3.77434	1
cg16517543	0.204995	1.19246	1.19246	0.0055568	1.61524	1.61524	0.920479	0.986943	-1.01323	0.977873	1.00366	1.00366	4.07456	1.11801	0.243901	1
cg22319267	0.0550487	0.351768	-2.84279	0.0601437	0.361185	-2.76867	0.883449	0.93197	-1.073	0.0879761	0.4048	-2.47035	3.55601	12.9916	3.24747	1
cg19270265	0.12514	1.4668	1.4668	0.477277	1.18148	1.18148	0.936384	0.981746	-1.01859	0.462601	1.18835	1.18835	3.44596	2.90675	0.749799	1
cg06800040	0.00263044	0.0888284	-11.2577	0.0166033	0.182496	-5.47956	0.523174	0.686433	-1.45681	0.0218222	0.201818	-4.95495	7.85203	42.0458	4.7598	1
cg07935119	0.690972	1.05563	1.05563	0.0728371	0.76252	-1.31144	0.0440104	0.730839	-1.36829	0.0302935	0.708184	-1.41206	7.58917	2.20647	0.258435	1
cg21497218	0.0871959	1.26773	1.26773	0.000887214	0.534958	-1.86931	0.164513	0.830028	-1.20478	0.0190793	1.42817	1.42817	7.58504	1.89556	0.22214	1
cg23570245	0.238797	0.746254	-1.34003	0.487493	1.18217	1.18217	0.697897	1.09695	1.09695	0.018815	0.509065	-1.96438	6.66708	5.94289	0.792336	1
cg16500497	0.0204365	0.240609	-4.15611	0.0180488	0.231152	-4.32616	0.505248	0.708409	-1.41161	0.0116896	0.20057	-4.98579	5.84009	24.0504	3.66059	1
cg01146514	0.00222678	0.439479	-2.27542	0.681275	0.923801	-1.08248	0.837703	0.961402	-1.04015	0.206265	1.29157	1.29157	5.72566	3.34004	0.51853	1
cg17101358	0.119102	0.767801	-1.30242	3.29E-05	0.28285	-3.53544	0.780418	1.04321	1.04321	0.499929	0.898556	-1.1129	9.78942	3.78314	0.343513	1
cg19611392	5.21E-05	0.252358	-3.96263	3.54E-06	0.137836	-7.255	2.43E-05	4.61686	4.61686	0.000993388	0.410532	-2.43586	57.0748	29.9465	0.466391	1
cg15509687	2.66E-05	5.67154	5.67154	0.000318678	0.295715	-3.38164	2.21E-07	26.1821	26.1821	0.584118	1.1225	1.1225	44.3329	30.6833	0.61521	1
cg26474014	4.96E-05	0.160192	-6.24251	5.35E-06	0.0839333	-11.9142	0.000120239	0.319708	-3.12786	0.002447	0.362981	-2.75497	26.6723	24.411	0.813531	1
cg23357981	0.0122632	1.3957	1.3957	0.164104	0.853282	-1.17195	6.16E-07	4.3154	4.3154	0.114313	1.20148	1.20148	26.4543	4.785	0.160781	1
cg24131595	8.93E-05	0.0344798	-29.0025	0.60746	0.77975	-1.28246	0.000122969	24.9486	24.9486	0.862964	0.9204	-1.08648	14.7008	53.6733	3.24537	1
cg03563308	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01625242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15108347	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16899265	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25260683	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27456802	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12927990	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00980625	GRP;GRP;GRP	0.0319145	0.713108	0.856002	-1.16822	0.520466	0.760138	-1.31555	0.00143299	0.143555	-6.96597	0.121326	0.493028	-2.02828	0.0524462	0.395137	-2.53077
cg15633664	GRP;GRP;GRP	0.0413357	0.0634924	0.568934	-1.75767	0.089247	0.602596	-1.65949	0.12451	0.637928	-1.56758	0.201011	0.694185	-1.44054	0.0911336	0.604741	-1.6536
cg27338487	GRP;GRP;GRP;GRP;GRP;GRP	0.000129843	0.984568	0.99752	-1.00249	0.031352	1.38286	1.38286	0.342221	1.13385	1.13385	0.550359	0.925368	-1.08065	0.221628	1.17928	1.17928
cg17093795	GRP;GRP;GRP;GRP;GRP;GRP	0.000690239	0.828801	1.03822	1.03822	0.615354	0.91599	-1.09171	0.3403	1.18556	1.18556	0.0263332	1.57821	1.57821	0.607261	1.09396	1.09396
cg06697600	GRPEL1	0.00327282	0.0127299	0.455723	-2.19432	0.00727153	2.40836	2.40836	0.188479	1.42439	1.42439	0.00278737	2.84771	2.84771	0.101294	0.634132	-1.57696
cg03847636	GRPEL1	0.00728794	0.0463128	0.700816	-1.42691	0.986668	0.997401	-1.00261	0.00140502	2.05516	2.05516	0.00988092	1.66152	1.66152	0.0137992	0.622481	-1.60648
cg25660036	GRPEL1	0.00943882	0.762208	0.933045	-1.07176	0.000643702	3.30647	3.30647	0.19528	1.36726	1.36726	0.00252269	2.60566	2.60566	0.25781	0.76364	-1.30952
cg26555023	GRPEL1	0.0170926	0.0155476	1.29256	1.29256	0.00128562	1.50055	1.50055	0.135896	0.870243	-1.1491	0.663965	1.03853	1.03853	0.730182	0.970502	-1.03039
cg19539972	GRPEL1	0.0226853	0.0282895	0.642235	-1.55706	0.0164348	1.65096	1.65096	0.0257318	1.57294	1.57294	0.137156	0.760493	-1.31494	0.368921	0.854019	-1.17093
cg06055014	GRPEL1	0.0312888	0.295434	0.769206	-1.30004	0.0390468	1.78187	1.78187	0.291035	1.3034	1.3034	0.00192966	2.89024	2.89024	0.91258	0.973791	-1.02691
cg26116260	GRPEL1;GRPEL1	0.000120973	?	?	?	0.0217535	0.441213	-2.26648	?	?	?	?	?	?	9.46E-05	0.059994	-16.6683
cg04009887	GRPEL2	0.0108381	0.0173561	0.211591	-4.7261	0.613259	0.760929	-1.31418	0.199018	2.06994	2.06994	0.355352	0.600691	-1.66475	0.00254901	0.10602	-9.43219
cg19721786	GRPEL2	0.0126625	0.0386107	1.4907	1.4907	0.686706	0.934658	-1.06991	0.350899	1.17352	1.17352	0.15475	0.775833	-1.28894	0.0149022	0.607113	-1.64714
cg04993267	GRPEL2	0.024024	0.492319	1.1807	1.1807	0.247638	0.749827	-1.33364	0.145277	1.4514	1.4514	0.0522729	1.69183	1.69183	0.725549	1.08758	1.08758
cg20977448	GRPEL2	0.0401476	0.704108	0.914618	-1.09335	0.540183	0.864979	-1.1561	0.899028	0.970743	-1.03014	0.39086	1.22832	1.22832	0.141563	0.690919	-1.44735
cg10615592	GRPEL2;GRPEL2	0.0149351	0.676997	0.928991	-1.07644	0.534325	1.11714	1.11714	0.0612231	1.4587	1.4587	0.149882	0.760234	-1.31539	0.00479493	0.502258	-1.99101
cg18082322	GRPEL2;GRPEL2	0.0368105	0.0365869	0.474943	-2.10552	0.0480514	0.500249	-1.99901	0.480871	0.802818	-1.24561	0.0760316	0.545989	-1.83154	0.0541644	0.511781	-1.95396
cg00117066	GRPR	0.000152696	0.421607	1.23695	1.23695	0.0799074	0.6045	-1.65426	0.000530756	0.24722	-4.04499	0.0370167	0.534016	-1.8726	2.81E-05	0.118336	-8.45051
cg13016045	GRPR	0.000462466	0.939455	0.976562	-1.024	0.00932391	0.357127	-2.80012	0.00528437	0.317277	-3.15182	0.659294	1.14858	1.14858	4.91E-05	0.0923774	-10.8252
cg04625528	GRPR	0.00190319	0.580997	0.830895	-1.20352	0.0290838	0.425386	-2.35081	0.00141013	0.215221	-4.6464	0.00341094	0.266497	-3.75238	0.000375815	0.151156	-6.61566
cg26024941	GRPR	0.00334509	0.379834	0.737944	-1.35512	0.0387193	0.445969	-2.24231	0.00674273	0.305786	-3.27026	0.0154219	0.366894	-2.72558	0.000886385	0.186352	-5.36619
cg26196133	GRPR	0.00455149	0.0455237	0.276393	-3.61803	0.000501686	0.0472925	-21.145	0.0973688	0.360571	-2.77338	0.240258	0.50185	-1.99263	0.00341462	0.107427	-9.30865
cg27262852	GRPR	0.00778209	0.188153	0.650329	-1.53768	0.00437825	0.309062	-3.2356	0.00738496	0.34471	-2.90099	0.711145	1.12161	1.12161	0.00370827	0.298273	-3.35264
cg13401681	GRPR;GRPR	0.00842855	0.8814	0.979999	-1.02041	0.00597752	1.62629	1.62629	0.848776	1.02617	1.02617	0.00979965	0.642815	-1.55566	0.0760735	0.765572	-1.30621
cg22860775	GRRP1	1.70E-05	0.861465	0.982921	-1.01738	0.293918	0.898199	-1.11334	0.358997	1.09748	1.09748	0.0574634	1.23602	1.23602	0.352902	0.910037	-1.09886
cg04280647	GRRP1	0.00290949	0.373839	0.813271	-1.2296	0.236838	0.755314	-1.32395	0.880108	1.03477	1.03477	0.42073	0.830071	-1.20472	0.224313	0.748998	-1.33512
cg26543657	GRRP1	0.00626678	0.00300736	0.204182	-4.89759	0.467634	0.749295	-1.33459	0.276954	0.643017	-1.55517	0.105158	0.500851	-1.9966	0.00729335	0.258905	-3.86242
cg04236334	GRRP1	0.00793137	0.00039707	0.33914	-2.94863	0.508379	1.13731	1.13731	0.831136	0.959875	-1.0418	0.035417	1.59952	1.59952	0.118208	0.722312	-1.38444
cg18107827	GRRP1	0.0144825	0.0241206	0.481255	-2.0779	0.723823	1.10129	1.10129	0.485168	1.21275	1.21275	0.841045	0.946855	-1.05613	0.0315382	0.50372	-1.98523
cg01568347	GRRP1	0.0162154	0.478244	0.792662	-1.26157	0.910868	0.964553	-1.03675	0.00230198	3.94675	3.94675	0.919087	0.967783	-1.03329	0.104587	0.564542	-1.77135
cg23689304	GRRP1	0.0220609	0.792009	0.972104	-1.0287	0.00366977	0.656708	-1.52275	0.114422	0.832094	-1.20179	0.501337	0.929547	-1.07579	0.640732	0.95093	-1.0516
cg03953671	GRRP1	0.0441278	0.11232	0.771716	-1.29581	0.0171615	0.647037	-1.54551	0.0656628	0.733711	-1.36293	0.776686	0.95827	-1.04355	0.10292	0.765338	-1.30661
cg02781268	GRSF1;GRSF1	4.78E-06	0.773884	1.05792	1.05792	1.56E-06	0.0934172	-10.7047	0.000263561	0.309767	-3.22824	0.582535	1.11463	1.11463	4.20E-07	0.060182	-16.6163
cg07491375	GRSF1;GRSF1	0.000522812	0.000177665	0.733291	-1.36372	0.108555	0.918075	-1.08924	0.169346	1.07411	1.07411	0.490375	1.0348	1.0348	0.24938	0.942907	-1.06055
cg09020341	GRSF1;GRSF1	0.00307721	0.949369	1.01592	1.01592	0.339472	1.27742	1.27742	0.0064656	2.41221	2.41221	0.625925	1.12995	1.12995	0.000322148	0.235255	-4.25071
cg12952136	GRSF1;GRSF1	0.00373096	0.183002	0.841508	-1.18834	0.00132799	0.565483	-1.7684	0.0319352	0.735651	-1.35934	0.0224762	0.716153	-1.39635	0.000716173	0.533116	-1.87576
cg25961205	GRTP1	3.71E-06	5.57E-05	0.222481	-4.49477	0.559019	1.12578	1.12578	1.57E-07	26.3251	26.3251	0.657312	1.09365	1.09365	0.0104701	0.524104	-1.90802
cg15105791	GRTP1	0.000241061	3.99E-05	0.088079	-11.3534	0.000759521	0.206207	-4.84951	0.0168678	0.405781	-2.46439	0.850882	1.05995	1.05995	5.82E-05	0.0997981	-10.0202
cg18412546	GRTP1	0.00039592	0.00194966	0.197952	-5.05172	0.000395669	0.124204	-8.05128	0.00136481	0.179403	-5.57403	0.0130364	0.3202	-3.12304	0.000147817	0.0896175	-11.1585
cg14518261	GRTP1	0.000915521	0.0346564	0.706047	-1.41634	0.000445091	0.456916	-2.18858	6.53E-05	0.354881	-2.81785	0.190206	0.821952	-1.21662	0.00725106	0.612885	-1.63163
cg03588513	GRTP1	0.000951382	0.00463994	0.420601	-2.37755	0.494479	0.852522	-1.17299	2.94E-05	0.152045	-6.57701	0.212134	1.35292	1.35292	0.0354937	0.5695	-1.75593
cg09491570	GRTP1	0.00131841	0.120876	0.751123	-1.33134	0.325956	0.84151	-1.18834	0.296993	1.20197	1.20197	0.109993	0.743493	-1.345	3.02E-05	0.249476	-4.0084
cg26133126	GRTP1	0.00147128	0.074822	0.627547	-1.59351	0.00195247	2.79677	2.79677	0.988024	1.00353	1.00353	0.591076	1.13582	1.13582	0.00549034	0.424313	-2.35675
cg24344662	GRTP1	0.00153035	0.274769	0.514236	-1.94463	0.667061	0.777245	-1.2866	0.000213553	50.5788	50.5788	0.357024	0.574969	-1.73922	0.249247	2.02451	2.02451
cg00413380	GRTP1	0.00437534	0.0606888	0.555398	-1.80051	0.164319	1.51079	1.51079	0.647185	0.879726	-1.13672	0.304198	1.34435	1.34435	7.58E-05	0.135897	-7.35852
cg04401646	GRTP1	0.00456961	0.0108796	0.201984	-4.95088	0.0167493	0.232054	-4.30933	0.0195449	0.243707	-4.10329	0.180628	0.491044	-2.03648	0.00145735	0.100243	-9.97572
cg00059662	GRTP1	0.00694189	0.245707	0.629104	-1.58956	0.157097	1.78179	1.78179	0.00571573	0.25076	-3.98788	0.00795058	0.272809	-3.66557	0.00448011	0.23535	-4.24899
cg15828353	GRTP1	0.00770843	0.0150578	0.306357	-3.26417	0.0908987	2.09056	2.09056	0.0728072	0.452741	-2.20877	0.107543	0.498858	-2.00458	0.00169208	0.169288	-5.90709
cg01961211	GRTP1	0.0107363	0.608425	0.821265	-1.21763	0.235585	0.622713	-1.60588	0.230309	0.619049	-1.61538	0.0777542	0.473788	-2.11065	0.000326367	0.109372	-9.14313
cg02268951	GRTP1	0.0109031	0.019146	1.39631	1.39631	0.798714	1.03055	1.03055	0.281564	1.14086	1.14086	0.026363	1.36359	1.36359	0.267035	1.14587	1.14587
cg13054534	GRTP1	0.0152943	0.424159	0.86924	-1.15043	0.513515	0.892474	-1.12048	0.271175	1.21734	1.21734	0.388174	1.16398	1.16398	0.502397	1.12397	1.12397
cg24180740	GRTP1	0.0203211	0.109468	0.773732	-1.29244	0.40116	1.13464	1.13464	0.317045	0.85895	-1.16421	0.00619413	0.591726	-1.68997	0.711313	0.946821	-1.05617
cg04740679	GRTP1	0.021049	0.437476	0.84749	-1.17996	0.213917	0.760789	-1.31443	0.00383494	0.442967	-2.25751	0.109058	0.694135	-1.44064	0.00547617	0.466205	-2.14498
cg26159750	GRTP1	0.0271538	0.00701794	0.181544	-5.5083	0.0450649	0.324457	-3.08207	0.0399378	0.312758	-3.19736	0.963777	1.02248	1.02248	0.00270642	0.131589	-7.5994
cg04751839	GRTP1	0.031333	0.0482638	0.339893	-2.94211	0.517456	0.730691	-1.36857	0.0253052	0.280423	-3.56604	0.0847866	0.401979	-2.48769	0.00189182	0.121813	-8.20932
cg04020590	GRTP1	0.0356605	0.759926	1.12126	1.12126	0.495591	0.772295	-1.29484	0.688262	1.16254	1.16254	0.138249	1.81482	1.81482	0.00198466	0.195707	-5.10968
cg06376130	GRTP1	0.0405276	0.0628319	0.371408	-2.69246	0.00455952	0.167358	-5.97521	0.835423	0.906251	-1.10345	0.372467	0.648384	-1.5423	0.0169876	0.252235	-3.96456
cg25519056	GRWD1	0.00915687	0.310619	0.868587	-1.1513	0.438428	1.11198	1.11198	0.0152968	0.670397	-1.49165	0.631608	0.937185	-1.06702	0.0517383	1.34623	1.34623
cg17106462	GRWD1	0.0122041	0.949101	1.02348	1.02348	0.000277741	8.69717	8.69717	0.0229965	2.6879	2.6879	0.820057	0.920495	-1.08637	0.607719	1.20715	1.20715
cg14698867	GRWD1	0.0122539	0.386781	0.894946	-1.11739	0.0217593	0.708525	-1.41138	0.967773	1.00507	1.00507	0.340272	1.13084	1.13084	0.380737	1.11905	1.11905
cg21481320	GRWD1	0.0203067	0.881033	0.968551	-1.03247	0.0357418	0.593685	-1.6844	0.728775	0.928415	-1.0771	0.000827971	0.341549	-2.92783	0.249255	0.773408	-1.29298
cg20682222	GRXCR1	0.00567017	0.788765	0.963503	-1.03788	0.988476	0.998002	-1.002	0.822017	0.969286	-1.03169	0.0795748	0.763827	-1.3092	0.717243	1.05164	1.05164
cg14184077	GRXCR1	0.00711712	0.10348	1.40593	1.40593	0.263986	1.24953	1.24953	0.0488613	0.650277	-1.53781	0.0285628	1.63931	1.63931	0.00103627	2.53335	2.53335
cg10469791	GRXCR1	0.00879399	0.0155066	0.297418	-3.36227	0.734649	0.870271	-1.14907	0.328679	0.662483	-1.50947	0.0675085	0.433162	-2.3086	0.000936038	0.133084	-7.51408
cg01129246	GRXCR1	0.0164891	0.0173872	0.104427	-9.57604	0.0038565	0.0479585	-20.8514	0.0228324	0.119443	-8.37218	0.104861	0.250916	-3.9854	0.0162151	0.100871	-9.91367
cg05279772	GRXCR1	0.0253756	0.388096	1.11785	1.11785	0.483093	1.09392	1.09392	0.967632	1.00512	1.00512	0.0890143	1.26645	1.26645	0.0154117	1.45414	1.45414
cg11729848	GRXCR2	0.000608104	0.000502119	0.142204	-7.03216	0.00171009	0.200845	-4.97898	0.00175391	0.202201	-4.94557	0.0232994	0.378375	-2.64288	0.0075542	0.291702	-3.42816
cg04276894	GRXCR2	0.0419856	0.0255194	0.407161	-2.45603	0.0431753	0.45495	-2.19804	0.0337399	0.431934	-2.31517	0.0224805	0.396329	-2.52316	0.076081	0.512583	-1.9509
cg21611262	GRXCR2	0.0436022	0.0152953	0.203163	-4.92215	0.0296951	0.25418	-3.93423	0.0274862	0.247691	-4.03729	0.190415	0.476094	-2.10042	0.0172233	0.211559	-4.72681
cg01533258	GSC	1.91E-05	0.368752	1.12678	1.12678	1.20E-06	5.06936	5.06936	0.00157181	0.55592	-1.79882	0.420513	0.899056	-1.11228	0.0588178	1.31778	1.31778
cg05142765	GSC	0.00179039	0.535143	1.09695	1.09695	0.00252105	1.85514	1.85514	0.0121661	1.58471	1.58471	0.308043	1.16819	1.16819	0.0104478	0.621914	-1.60794
cg23074992	GSC	0.0035653	0.00218786	0.251203	-3.98084	0.942712	0.977158	-1.02338	0.329887	0.723769	-1.38166	0.358798	0.738316	-1.35443	0.00743051	0.33004	-3.02993
cg13073773	GSC	0.00455322	0.00503511	3.83179	3.83179	0.897635	0.954463	-1.04771	0.489144	0.775361	-1.28972	0.227424	0.632031	-1.5822	0.00745772	0.287201	-3.48188
cg01695643	GSC	0.00821776	0.326471	0.712254	-1.40399	0.109088	1.79545	1.79545	0.0862647	1.88667	1.88667	0.176863	1.61739	1.61739	0.448554	0.77207	-1.29522
cg23636606	GSC	0.0111099	?	?	?	0.532634	1.26761	1.26761	0.144296	1.81094	1.81094	0.064903	0.453615	-2.20451	0.0108127	0.288333	-3.46822
cg20804555	GSC	0.0125566	0.406162	1.22338	1.22338	0.638695	0.893866	-1.11874	0.874844	0.963294	-1.03811	0.303326	0.776507	-1.28782	0.493029	0.84775	-1.17959
cg07785447	GSC	0.0126572	0.518344	0.86663	-1.1539	0.0541575	1.61244	1.61244	0.592786	1.12525	1.12525	0.815075	1.05255	1.05255	0.297937	0.789885	-1.26601
cg21063282	GSC	0.0134377	0.611804	1.11741	1.11741	0.0142714	1.92619	1.92619	0.230562	0.761222	-1.31368	0.348528	0.811109	-1.23288	0.339136	1.23827	1.23827
cg15440688	GSC	0.0150415	0.0158637	0.375869	-2.6605	0.422424	0.762312	-1.3118	0.387898	1.34058	1.34058	0.263571	1.47108	1.47108	0.191469	0.632529	-1.58095
cg26928080	GSC	0.0264814	0.00880905	0.546494	-1.82984	0.194732	1.2821	1.2821	0.249767	1.24347	1.24347	0.464379	1.14443	1.14443	0.448409	1.15023	1.15023
cg23655107	GSC	0.0309999	0.293635	1.23306	1.23306	0.00521687	2.03159	2.03159	0.761726	1.06023	1.06023	0.399661	0.847203	-1.18035	0.0117468	1.83183	1.83183
cg15891268	GSC	0.0453684	0.168606	0.802383	-1.24629	0.145148	0.790717	-1.26467	0.486978	0.899425	-1.11182	0.527816	0.90846	-1.10076	0.988956	1.00208	1.00208
cg24926361	GSC2	2.15E-07	0.00157814	1.56554	1.56554	1.61E-06	0.303286	-3.29722	0.00376367	0.679587	-1.47148	3.74E-06	2.90852	2.90852	0.000508925	0.58488	-1.70975
cg11985360	GSC2	0.0006815	0.412149	0.875892	-1.14169	0.0161046	0.627903	-1.5926	0.0806472	0.736258	-1.35822	0.000461102	2.38955	2.38955	0.0002168	0.377152	-2.65145
cg20209308	GSC2	0.00194047	0.000232721	2.84411	2.84411	0.459699	0.879102	-1.13752	0.080242	0.71736	-1.394	0.468912	1.13443	1.13443	0.291125	0.82902	-1.20624
cg23774356	GSC2	0.00398505	0.885384	1.03993	1.03993	0.167995	0.671089	-1.49012	0.338695	1.30696	1.30696	0.969913	0.989814	-1.01029	0.124294	0.636504	-1.57108
cg06695663	GSC2	0.00426009	0.0976473	0.869238	-1.15043	0.000321762	0.638411	-1.56639	0.760803	1.02382	1.02382	0.639044	0.964227	-1.0371	0.992076	1.00077	1.00077
cg23801965	GSC2	0.00542295	0.00953342	0.433046	-2.30922	0.00153849	0.313016	-3.19473	0.0633413	0.587288	-1.70274	0.503769	1.18879	1.18879	0.00558359	0.395467	-2.52866
cg15837252	GSC2	0.0062415	0.0420842	0.448018	-2.23206	0.00710396	0.303538	-3.29448	0.157355	0.595479	-1.67932	0.185949	1.61731	1.61731	0.0205982	0.38441	-2.60139
cg21384203	GSC2	0.00630403	0.219433	1.28523	1.28523	0.0147095	0.557956	-1.79226	0.0193738	0.577284	-1.73225	0.931088	1.01695	1.01695	0.536852	0.885576	-1.12921
cg25559313	GSC2	0.0090002	0.881497	0.967185	-1.03393	0.446353	0.840619	-1.1896	0.520541	1.15682	1.15682	0.0022742	2.5981	2.5981	0.342878	0.803668	-1.2443
cg08430009	GSC2	0.0300739	0.971262	1.0157	1.0157	0.938832	0.967348	-1.03375	0.0646669	0.407535	-2.45377	0.134054	2.01156	2.01156	0.312379	0.636339	-1.57149
cg21854621	GSC2	0.0485638	0.644826	0.945666	-1.05746	0.571515	0.933496	-1.07124	0.119146	0.815826	-1.22575	0.735827	0.960064	-1.0416	0.905898	0.985868	-1.01434
cg24910161	GSDMA	3.62E-05	0.000333197	0.474269	-2.10851	0.98902	1.00177	1.00177	9.37E-06	0.291601	-3.42934	0.631718	0.939672	-1.0642	2.17E-05	0.332773	-3.00505
cg10794714	GSDMA	4.33E-05	0.686955	0.943687	-1.05967	0.0140448	1.54317	1.54317	1.68E-05	0.282364	-3.54152	0.0952145	0.769292	-1.2999	1.45E-05	0.275148	-3.63441
cg26162295	GSDMA	0.0013889	0.00160589	0.192465	-5.19575	0.0318473	0.400075	-2.49953	0.0185352	0.353483	-2.82899	0.990174	0.995525	-1.00449	0.00128325	0.180961	-5.52605
cg21790570	GSDMA	0.00169374	0.00871632	0.387973	-2.5775	0.322072	0.748425	-1.33614	0.0020806	0.292992	-3.41306	0.0281014	0.479625	-2.08496	0.00628123	0.36475	-2.7416
cg24092444	GSDMA	0.00375658	0.350139	0.746346	-1.33986	0.26355	0.701481	-1.42555	0.00770015	0.352867	-2.83393	0.0479818	0.502724	-1.98916	0.00504007	0.323559	-3.09063
cg06589596	GSDMA	0.0157404	0.808478	0.867314	-1.15298	0.364654	0.579229	-1.72643	0.00777876	0.134891	-7.4134	0.0130235	0.164307	-6.08617	0.0563473	0.281763	-3.54908
cg04756853	GSDMA	0.0457634	0.944425	0.972797	-1.02796	0.888187	0.945866	-1.05723	0.10361	0.494523	-2.02215	0.252975	1.60375	1.60375	0.0326575	0.371963	-2.68844
cg08995595	GSDMA;GSDMA	5.68E-05	0.318011	1.18336	1.18336	0.00708768	0.566923	-1.76391	1.22E-06	0.129697	-7.71027	0.261692	0.826198	-1.21036	0.987353	1.00259	1.00259
cg13212159	GSDMB;GSDMB;GSDMB	3.52E-05	0.00529078	0.577571	-1.73139	2.96E-06	0.189205	-5.28527	0.437813	0.888536	-1.12545	7.86E-05	0.344299	-2.90445	9.12E-06	0.238489	-4.19306
cg23047335	GSDMB;GSDMB;GSDMB	0.000101592	0.468446	1.12561	1.12561	0.0330943	0.670549	-1.49132	0.299938	0.84172	-1.18804	0.386737	1.15294	1.15294	1.31E-05	0.230618	-4.33618
cg03190929	GSDMB;GSDMB;GSDMB	0.00927374	0.266385	0.882534	-1.1331	0.673002	0.955229	-1.04687	0.276586	0.885047	-1.12988	0.406725	1.09591	1.09591	0.115713	0.831517	-1.20262
cg05725940	GSDMB;GSDMB;GSDMB;GSDMB	0.00636447	0.182467	1.3426	1.3426	0.00571573	0.470231	-2.12661	0.0981391	1.459	1.459	0.0192621	1.80308	1.80308	0.00354057	2.27764	2.27764
cg10057218	GSDMB;GSDMB;GSDMB;GSDMB	0.00676239	0.166664	0.608308	-1.6439	0.508538	0.797648	-1.25369	0.00840383	0.321492	-3.1105	0.597216	1.19693	1.19693	0.00210428	0.232699	-4.2974
cg27435903	GSDMB;GSDMB;GSDMB;GSDMB	0.0319455	0.0428297	0.296467	-3.37306	0.0962307	0.385721	-2.59255	0.029288	0.262049	-3.81608	0.0866758	0.372722	-2.68296	0.0562072	0.323748	-3.08882
cg10074813	GSDMD	0.00191552	0.591779	1.12605	1.12605	0.101611	0.674999	-1.48148	0.000195817	0.253213	-3.94924	0.834908	1.04683	1.04683	0.921406	1.02188	1.02188
cg15172061	GSDMD	0.043856	0.00923163	0.310328	-3.22239	0.657013	1.17146	1.17146	0.0127011	0.333984	-2.99416	0.684163	1.15583	1.15583	0.650407	0.850819	-1.17534
cg17812120	GSDMD;GSDMD	0.00030019	0.283037	0.834818	-1.19787	0.00764817	0.574096	-1.74187	0.685165	0.936156	-1.0682	0.0955327	1.34499	1.34499	0.100732	0.74753	-1.33774
cg06553843	GSDMD;GSDMD	0.00131248	0.25934	1.20134	1.20134	0.00338276	0.537282	-1.86122	0.0486923	0.704	-1.42046	0.276688	1.19288	1.19288	0.000138011	0.358006	-2.79325
cg22312904	GSDMD;GSDMD	0.00276651	0.00110154	0.285537	-3.50218	0.0011017	0.285545	-3.50207	0.813507	0.940292	-1.0635	0.559443	0.857475	-1.16621	0.000657424	0.25671	-3.89544
cg10675725	GSDMD;GSDMD	0.0260038	0.35064	0.766158	-1.30521	0.314452	0.749433	-1.33434	0.0549123	0.546844	-1.82868	0.38073	0.779347	-1.28313	0.00209208	0.301063	-3.32156
cg13694400	GSG1;GSG1	0.000363584	0.0228103	0.797286	-1.25426	0.000278165	1.63974	1.63974	0.00256849	1.41572	1.41572	0.48819	1.06031	1.06031	0.000511151	0.636864	-1.57019
cg00194771	GSG1;GSG1	0.00179454	0.585977	0.878381	-1.13846	0.389963	0.812448	-1.23085	0.156609	0.699597	-1.42939	0.635519	0.893531	-1.11915	0.000439415	0.270028	-3.70331
cg23335414	GSG1;GSG1	0.00500406	0.0471931	0.492944	-2.02863	0.00112675	0.224662	-4.45114	0.00156422	0.2428	-4.11862	0.0831004	0.550106	-1.81783	0.00197786	0.256317	-3.90142
cg21864706	GSG1;GSG1	0.0220758	0.228731	0.691822	-1.44546	0.00549553	0.344846	-2.89985	0.0303949	0.47608	-2.10049	0.747693	0.910159	-1.09871	0.143934	1.58075	1.58075
cg01986786	GSG1;GSG1	0.032151	0.967778	0.994407	-1.00562	0.819322	1.03228	1.03228	0.000401057	2.18533	2.18533	0.905494	0.983644	-1.01663	0.65018	1.06545	1.06545
cg20618695	GSG1;GSG1	0.047051	0.0659798	0.241547	-4.13997	0.0186438	0.140273	-7.12898	0.051433	0.217118	-4.60579	0.897541	1.09279	1.09279	0.00394816	0.0692218	-14.4463
cg04938335	GSG1;GSG1;GSG1;GSG1	0.00103195	0.0109901	0.658915	-1.51765	0.00101908	0.52892	-1.89064	0.00126935	0.540751	-1.84928	0.0851112	1.28261	1.28261	0.308408	1.14779	1.14779
cg10663220	GSG1;GSG1;GSG1;GSG1	0.0226246	0.998226	0.999626	-1.00037	0.390223	0.86214	-1.1599	0.337257	0.846467	-1.18138	0.00375023	0.517225	-1.93339	0.169088	0.781264	-1.27998
cg27554156	GSG1;GSG1;GSG1;GSG1	0.0370609	0.0476829	0.349925	-2.85775	0.0111236	0.228585	-4.37474	0.0136483	0.243023	-4.11484	0.337418	0.632183	-1.58182	0.0187856	0.267104	-3.74386
cg08399444	GSG1;GSG1;GSG1;GSG1;GSG1;GSG1	0.000279524	0.34631	0.777339	-1.28644	0.2246	0.717997	-1.39276	0.000465929	0.239467	-4.17595	0.0132199	0.450391	-2.22029	0.0293247	0.51341	-1.94776
cg03962082	GSG1L	0.000807124	0.355229	0.751136	-1.33132	0.183439	1.52912	1.52912	0.913243	1.03334	1.03334	0.00203136	0.270029	-3.7033	2.67E-05	0.0823726	-12.14
cg03921753	GSG1L	0.00375508	0.123497	0.836084	-1.19605	0.130997	0.839478	-1.19122	0.652301	1.04987	1.04987	0.662862	0.954019	-1.0482	0.682485	0.956824	-1.04512
cg26596350	GSG1L	0.01673	0.0789627	0.525021	-1.90469	0.00572787	3.30841	3.30841	0.675549	1.14917	1.14917	0.488515	0.792601	-1.26167	0.0186684	0.389968	-2.56431
cg01117621	GSG1L	0.0203942	0.129451	0.649845	-1.53883	0.0453797	0.546683	-1.82921	0.00143822	0.297527	-3.36104	0.151147	0.667159	-1.49889	0.030217	0.511475	-1.95513
cg06192555	GSG1L	0.0216433	0.216656	0.727358	-1.37484	0.0345733	0.546927	-1.8284	0.12791	0.668289	-1.49636	0.00770024	0.432373	-2.31282	0.0194683	0.50077	-1.99692
cg07461072	GSG1L	0.0400346	0.519126	0.798121	-1.25294	0.0973348	0.533799	-1.87336	0.153609	0.590295	-1.69407	0.673513	0.863974	-1.15744	0.0413408	0.444012	-2.25219
cg04904654	GSG1L	0.042601	0.0671434	0.570858	-1.75175	0.0124415	0.427485	-2.33926	0.0154291	0.443933	-2.25259	0.0626235	0.564133	-1.77263	0.0233029	0.476768	-2.09746
cg07890065	GSG1L;GSG1L	0.0059904	0.444526	1.10306	1.10306	0.486709	1.09301	1.09301	0.0220074	0.707721	-1.41299	0.252568	1.1623	1.1623	0.412701	1.11115	1.11115
cg26837270	GSK3A	0.00249073	0.588691	0.923108	-1.0833	0.000788965	2.10324	2.10324	0.000893125	2.07317	2.07317	0.356125	0.870139	-1.14924	0.392217	0.879446	-1.13708
cg10140087	GSK3A	0.0173469	0.0151507	0.729402	-1.37099	0.00793757	1.43328	1.43328	0.988001	0.998411	-1.00159	0.0079697	0.697898	-1.43287	0.903014	1.01297	1.01297
cg26889654	GSK3A	0.0273492	0.189031	0.782479	-1.27799	0.636367	0.919474	-1.08758	0.0548001	1.46809	1.46809	0.420802	1.15602	1.15602	0.775423	1.05171	1.05171
cg07527906	GSK3A	0.0309127	0.753856	1.06654	1.06654	0.496622	0.868186	-1.15183	0.577947	1.12199	1.12199	0.0147135	1.84944	1.84944	0.0480484	1.58847	1.58847
cg02636004	GSK3B;GSK3B	0.0137524	0.906717	1.03973	1.03973	0.0088286	3.02829	3.02829	0.00521047	3.4049	3.4049	0.866169	1.05766	1.05766	0.00344813	0.267131	-3.74348
cg12733004	GSK3B;GSK3B	0.0330675	0.095324	1.30993	1.30993	0.958571	1.00768	1.00768	0.346779	1.15342	1.15342	0.689036	0.94246	-1.06105	0.00191709	0.523478	-1.9103
cg05793077	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.00260264	0.616852	1.0894	1.0894	3.59E-05	3.86763	3.86763	0.417912	0.868911	-1.15087	0.0250012	1.57254	1.57254	0.247535	1.2278	1.2278
cg14399183	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0170953	0.198546	2.1364	2.1364	0.00409077	8.60607	8.60607	0.0280069	4.26417	4.26417	0.39432	1.62817	1.62817	0.329208	1.75524	1.75524
cg14365457	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0252327	0.0143883	0.276856	-3.61199	0.425814	0.707386	-1.41366	0.0174105	0.291571	-3.4297	0.501476	0.747949	-1.33699	0.00505812	0.206402	-4.84491
cg07896735	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0457282	0.047535	0.768624	-1.30103	0.00824124	1.48046	1.48046	0.919801	0.988375	-1.01176	0.0218226	0.726464	-1.37653	0.364848	1.11417	1.11417

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00980625	0.220439	0.581349	-1.72014	0.0200347	0.306819	-3.25925	0.0499316	0.390094	-2.56349	0.0685832	0.423883	-2.35914	3.9977	11.2231	2.49546	1
cg15633664	0.108728	0.623225	-1.60456	0.127096	0.640199	-1.56201	0.0104305	2.39071	2.39071	0.269238	0.732721	-1.36478	3.63875	4.21019	1.02848	1
cg27338487	0.892205	1.01756	1.01756	0.920957	0.98734	-1.01282	1.01E-06	5.19409	5.19409	0.438524	1.10675	1.10675	20.6433	5.38713	0.231966	1
cg17093795	0.456615	0.876938	-1.14033	0.390984	0.85878	-1.16444	7.20E-06	5.56248	5.56248	0.630306	1.08763	1.08763	13.0622	6.20662	0.422363	1
cg06697600	0.660422	1.11878	1.11878	0.0645418	0.590291	-1.69408	0.00472085	0.385581	-2.59349	0.303194	1.31094	1.31094	8.33933	8.51226	0.907321	1
cg03847636	0.686566	0.938775	-1.06522	0.190621	1.24091	1.24091	0.651804	1.07331	1.07331	0.130345	1.28977	1.28977	6.53238	2.50958	0.341489	1
cg25660036	0.807449	0.945766	-1.05734	0.576817	0.879201	-1.1374	0.586175	0.88203	-1.13375	0.80466	0.944983	-1.05822	6.02057	4.97253	0.734154	1
cg26555023	0.24308	1.11142	1.11142	0.0750388	0.842438	-1.18703	0.923104	0.991685	-1.00838	0.425464	1.07292	1.07292	4.96046	0.587606	0.105296	1
cg19539972	0.704379	1.06736	1.06736	0.135119	1.3171	1.3171	0.384657	1.16465	1.16465	0.0256818	1.57326	1.57326	4.50619	2.08689	0.411658	1
cg06055014	0.210291	1.37612	1.37612	0.494508	0.845549	-1.18266	0.215944	0.729835	-1.37017	0.380984	0.804675	-1.24274	4.02609	3.72933	0.82337	1
cg26116260	5.36E-05	0.0423382	-23.6193	?	?	?	8.61E-05	0.0567782	-17.6124	0.00030075	0.109656	-9.11942	71.1659	39.3043	0.552292	1
cg04009887	0.806288	0.876601	-1.14077	0.00215944	0.0994145	-10.0589	0.262883	1.86963	1.86963	0.0873933	0.363626	-2.75008	5.75995	26.2152	4.04559	1
cg19721786	0.313991	0.84068	-1.18951	0.00220164	2.04486	2.04486	0.0546669	1.438	1.438	0.509353	1.11801	1.11801	5.47696	2.40927	0.391015	1
cg04993267	0.427964	0.824673	-1.2126	0.200513	0.724646	-1.37998	0.00154352	2.95898	2.95898	0.0553918	1.67739	1.67739	4.41787	3.96989	0.798753	1
cg20977448	0.123856	0.677189	-1.47669	0.242602	0.751235	-1.33114	0.00177074	2.83305	2.83305	0.782404	1.0669	1.0669	3.67814	3.18711	0.770223	1
cg10615592	0.0083812	1.85076	1.85076	0.19405	0.783893	-1.27568	0.0307264	0.632954	-1.57989	0.46156	0.876312	-1.14115	5.82903	2.78903	0.372146	1
cg18082322	0.0027727	0.282324	-3.54202	0.292863	0.715711	-1.39721	?	?	?	0.787388	1.08639	1.08639	3.85788	5.10269	1.32267	1
cg00117066	8.45E-05	0.160293	-6.23858	0.000172316	0.191497	-5.22201	0.158768	1.47724	1.47724	0.135789	0.659415	-1.51649	19.7618	21.0001	0.944588	1
cg13016045	0.000168402	0.135485	-7.3809	0.000986471	0.216785	-4.61287	0.0169584	0.40287	-2.48219	0.00942621	0.357926	-2.79388	14.6029	22.544	1.37227	1
cg04625528	0.00588629	0.301917	-3.31216	0.000882488	0.19084	-5.23999	0.0112837	0.348328	-2.87086	0.0595049	0.493213	-2.02752	9.78214	17.1088	1.55465	1
cg26024941	0.0089133	0.325481	-3.07238	0.00275284	0.248197	-4.02905	0.00641687	0.302382	-3.30707	0.00149555	0.213462	-4.68468	8.28516	14.9308	1.60188	1
cg26196133	0.0405694	0.265521	-3.76618	0.00240626	0.0934185	-10.7045	0.00344562	0.10781	-9.2756	0.0561757	0.297387	-3.36262	7.5516	37.6052	4.42645	1
cg27262852	0.237188	0.682433	-1.46534	0.0161566	2.47928	2.47928	0.985981	0.994594	-1.00544	0.113607	0.587915	-1.70092	6.39947	9.64858	1.34019	1
cg13401681	0.453791	0.901886	-1.10879	0.0563379	0.746442	-1.33969	0.0056424	1.63489	1.63489	0.239751	1.18127	1.18127	6.24064	1.81009	0.257821	1
cg22860775	1.42E-07	5.10724	5.10724	0.108559	0.841453	-1.18842	0.445563	1.0797	1.0797	0.176866	1.15208	1.15208	35.3547	5.44588	0.136921	1
cg04280647	0.000169201	4.25725	4.25725	0.00403195	0.417038	-2.39786	0.062899	0.622648	-1.60604	0.299585	1.27559	1.27559	8.63629	7.01207	0.721716	1
cg26543657	0.601345	1.22859	1.22859	0.281167	0.645694	-1.54872	0.00399902	4.52983	4.52983	0.0162625	0.317396	-3.15064	6.84647	16.537	2.14703	1
cg04236334	0.77758	0.94714	-1.05581	0.0642706	1.48988	1.48988	0.118294	1.38432	1.38432	0.871158	0.969352	-1.03162	6.36137	3.70514	0.517729	1
cg18107827	0.868338	0.955885	-1.04615	0.133031	1.55387	1.55387	0.00143152	3.5042	3.5042	0.213755	0.700463	-1.42763	5.24111	6.13876	1.04113	1
cg01568347	0.00479414	3.34157	3.34157	0.119498	0.58015	-1.72369	0.548464	1.21615	1.21615	0.386085	1.33157	1.33157	5.04847	8.30504	1.46228	1
cg23689304	0.295355	1.12319	1.12319	0.0989225	1.2137	1.2137	0.0041134	0.662311	-1.50987	0.65622	0.953171	-1.04913	4.54962	0.825765	0.161335	1
cg03953671	0.0228331	1.50424	1.50424	0.608199	0.925421	-1.08059	0.153355	0.795192	-1.25756	0.0867284	0.753076	-1.32789	3.55142	1.26378	0.316314	1
cg02781268	0.000674578	0.361948	-2.76283	0.000179546	0.289409	-3.45531	0.155257	1.34621	1.34621	0.00014079	0.276814	-3.61254	49.0884	29.7078	0.537947	1
cg07491375	0.0011893	0.792903	-1.26119	0.000187359	0.735048	-1.36046	0.000789437	0.780593	-1.28108	0.00863045	0.849145	-1.17766	14.1146	0.533047	0.0335694	1
cg09020341	0.587287	1.14602	1.14602	0.00239739	0.34921	-2.86361	0.931451	0.978831	-1.02163	0.703597	0.909314	-1.09973	8.49378	8.31994	0.870696	1
cg12952136	0.00208294	0.589122	-1.69744	0.025412	0.72293	-1.38326	0.00419067	0.625961	-1.59754	0.280134	0.871873	-1.14696	8.01872	1.89416	0.209971	1
cg25961205	0.00492749	0.473882	-2.11023	0.244448	0.783373	-1.27653	6.51E-05	4.35035	4.35035	0.52751	0.879543	-1.13695	52.4112	33.3708	0.565965	1
cg15105791	0.254704	1.44474	1.44474	0.357268	0.74609	-1.34032	0.698832	1.12781	1.12781	0.00213002	0.263065	-3.80134	17.4623	26.471	1.34746	1
cg18412546	0.00113947	0.170488	-5.86553	9.39E-05	0.0762063	-13.1223	0.0429703	0.42269	-2.3658	0.00928588	0.295143	-3.38818	15.2432	32.999	1.92429	1
cg14518261	0.528569	1.09443	1.09443	0.701321	1.05598	1.05598	0.76512	0.958539	-1.04325	0.00239274	0.549862	-1.81864	12.0643	3.81649	0.281196	1
cg03588513	0.247218	0.757103	-1.32082	0.190446	0.726967	-1.37558	0.134965	1.44862	1.44862	0.00432231	0.415908	-2.40438	11.9339	9.99706	0.744627	1
cg09491570	0.552124	1.10776	1.10776	0.012484	1.69693	1.69693	0.454916	1.13825	1.13825	0.297407	0.832108	-1.20177	10.8752	4.98583	0.407519	1
cg26133126	0.0198867	0.516831	-1.93487	0.000216187	0.234692	-4.26091	0.959325	1.01205	1.01205	0.0439516	0.580646	-1.72222	10.5381	9.20213	0.776203	1
cg24344662	?	?	?	0.436891	1.5885	1.5885	0.00036934	36.211	36.211	0.0930546	0.335885	-2.97721	12.7859	59.6336	4.081	1
cg00413380	0.657599	1.13207	1.13207	0.525522	0.836192	-1.1959	0.838707	0.9449	-1.05831	0.126492	0.631481	-1.58358	7.64254	9.36023	1.08867	1
cg04401646	0.0296646	0.277853	-3.59902	0.000659047	0.0735066	-13.6042	0.0125149	0.211358	-4.7313	0.00784538	0.18143	-5.51178	7.54249	29.8994	3.52367	1
cg00059662	0.00152563	0.175193	-5.708	0.0353688	0.392472	-2.54795	0.255798	0.635825	-1.57276	0.264041	0.641205	-1.55956	6.63233	15.3059	2.05136	1
cg15828353	0.214744	1.67719	1.67719	0.0175654	0.318499	-3.13973	0.0600294	0.431706	-2.31639	0.0146042	0.303992	-3.28956	6.4186	15.9374	2.20711	1
cg01961211	0.485973	0.763554	-1.30966	0.00468674	0.238743	-4.1886	0.193737	0.59215	-1.68876	0.0244299	0.35996	-2.77808	5.77747	13.2868	2.04424	1
cg02268951	0.00231742	1.65045	1.65045	0.559368	0.932846	-1.07199	0.0117021	0.690096	-1.44907	0.352605	0.893477	-1.11922	5.74889	1.26251	0.195209	1
cg13054534	0.430894	0.871078	-1.148	0.0004375	0.385214	-2.59596	0.0615369	1.43559	1.43559	0.634008	0.920956	-1.08583	5.1475	2.40292	0.414945	1
cg24180740	0.695996	1.05942	1.05942	0.00233692	0.535484	-1.86747	0.163399	0.803594	-1.24441	0.016686	0.650792	-1.53659	4.67915	1.60135	0.304205	1
cg04740679	0.163692	0.733061	-1.36414	0.365145	0.823325	-1.21459	0.129278	1.40838	1.40838	0.0193429	0.553813	-1.80566	4.62335	3.19606	0.614476	1
cg26159750	0.0568129	0.348128	-2.87251	0.12282	0.441158	-2.26676	0.170353	0.489322	-2.04364	0.107083	0.422725	-2.3656	4.23322	16.0633	3.37296	1
cg04751839	0.239244	0.554735	-1.80266	0.0254308	0.28084	-3.56075	0.954742	0.973229	-1.02751	0.0684922	0.377155	-2.65143	4.02406	14.5692	3.21825	1
cg04020590	0.791106	1.10421	1.10421	0.223093	1.61294	1.61294	0.124245	1.86187	1.86187	0.144682	0.557092	-1.79503	3.84102	8.48322	1.96319	1
cg06376130	0.0566459	0.360255	-2.77581	0.350081	0.634362	-1.57639	0.0131724	0.233543	-4.28188	0.540421	0.745826	-1.3408	3.66539	12.9984	3.15223	1
cg25519056	0.145816	1.23332	1.23332	0.000785827	1.97725	1.97725	0.46727	0.905439	-1.10444	0.16096	0.817844	-1.22273	6.07893	1.73634	0.253895	1
cg17106462	0.908338	1.04277	1.04277	0.173239	0.590425	-1.6937	0.965776	1.01572	1.01572	0.801187	0.912339	-1.09608	5.54307	11.6064	1.8612	1
cg14698867	0.380799	0.893625	-1.11904	0.000311256	0.481074	-2.07868	0.748186	0.960504	-1.04112	0.111417	0.804987	-1.24226	5.53573	1.37229	0.220353	1
cg21481320	0.140786	0.713169	-1.40219	0.0224702	0.55803	-1.79202	0.090901	0.672073	-1.48793	0.0228476	0.55928	-1.78801	4.68028	3.37477	0.640943	1
cg20682222	0.774457	0.961002	-1.04058	9.06E-05	0.379485	-2.63515	0.0994774	1.28403	1.28403	0.206539	0.831551	-1.20257	7.06112	2.14386	0.26988	1
cg14184077	0.16819	1.32442	1.32442	0.049243	1.53639	1.53639	0.129563	1.36797	1.36797	0.0267274	0.605183	-1.65239	6.58096	3.81522	0.515321	1
cg10469791	0.020392	0.31931	-3.13176	0.00129919	0.14759	-6.77554	0.168145	0.548877	-1.8219	0.0794721	0.451553	-2.21458	6.15742	16.2676	2.3484	1
cg01129246	0.0514965	0.177405	-5.63683	0.004677	0.0532118	-18.7928	0.0571706	0.186621	-5.35845	0.0369117	0.150968	-6.62392	5.02039	48.3892	8.56757	1
cg05279772	0.0235452	1.40581	1.40581	0.486501	0.9148	-1.09313	0.00194712	1.73652	1.73652	0.0502112	1.32467	1.32467	4.33468	1.08893	0.223301	1
cg11729848	0.000904622	0.168684	-5.92826	0.000192457	0.105307	-9.49605	0.977848	0.990096	-1.01	0.000790903	0.162373	-6.15867	13.5331	27.543	1.80909	1
cg04276894	0.991463	0.996384	-1.00363	0.00810178	0.317303	-3.15156	0.385582	0.739959	-1.35143	0.0624481	0.491668	-2.03389	3.61778	6.56784	1.61372	1
cg21611262	0.0830174	0.357987	-2.7934	0.0123737	0.188887	-5.29418	0.184739	0.471002	-2.12313	0.149674	0.437479	-2.28582	3.56733	16.1845	4.03277	1
cg01533258	9.47E-05	2.45777	2.45777	0.0153547	0.680651	-1.46918	0.000390901	2.07679	2.07679	0.00159271	1.79652	1.79652	34.2862	9.07858	0.235367	1
cg05142765	0.237602	1.19995	1.19995	0.0462826	0.714356	-1.39986	0.000410551	2.28556	2.28556	0.0198494	1.51336	1.51336	9.95723	3.42337	0.305607	1
cg23074992	0.561355	0.827931	-1.20783	0.00461096	0.297556	-3.36072	0.00182926	4.15243	4.15243	0.14195	0.601902	-1.6614	8.12869	13.3086	1.45532	1
cg13073773	0.0492767	2.25374	2.25374	0.314687	1.45715	1.45715	0.00142185	5.32025	5.32025	0.031308	2.49608	2.49608	7.55073	15.6797	1.84585	1
cg01695643	0.0526077	2.09184	2.09184	0.00458712	0.282535	-3.53938	0.00166811	4.50885	4.50885	0.291682	1.44262	1.44262	6.29071	11.1773	1.57937	1
cg23636606	0.691739	0.861265	-1.16108	0.248277	1.57626	1.57626	0.00136381	0.157036	-6.36796	0.244729	1.58225	1.58225	6.59101	12.7377	1.69101	1
cg20804555	0.470932	0.840295	-1.19006	0.108952	0.66051	-1.51398	0.00032837	3.96128	3.96128	0.136414	1.46329	1.46329	5.49196	4.89597	0.792427	1
cg07785447	0.98594	0.996156	-1.00386	0.103896	1.47509	1.47509	0.000304001	3.60765	3.60765	0.369172	0.817408	-1.22338	5.47769	4.14571	0.672742	1
cg21063282	0.091647	1.49612	1.49612	0.727014	0.926793	-1.07899	0.000130076	2.76204	2.76204	0.0113936	1.98782	1.98782	5.37166	4.00306	0.662416	1
cg15440688	0.0968218	1.82884	1.82884	0.00518107	0.294568	-3.39481	0.0147723	2.70094	2.70094	0.554337	0.820298	-1.21907	5.17597	8.99218	1.54426	1
cg26928080	0.417963	1.16177	1.16177	0.849508	1.03501	1.03501	0.00223638	2.17174	2.17174	0.762184	1.05652	1.05652	4.27059	2.21985	0.462045	1
cg23655107	0.288708	1.23592	1.23592	0.206055	0.773739	-1.29243	0.97872	0.994884	-1.00514	0.021403	1.70177	1.70177	4.03944	2.36618	0.520685	1
cg15891268	0.454238	0.891891	-1.12121	0.000653243	0.456497	-2.1906	0.399922	0.878686	-1.13806	0.455319	0.892144	-1.12089	3.51477	1.25392	0.317116	1
cg24926361	0.280453	0.895102	-1.11719	5.25E-07	3.97476	3.97476	6.20E-08	6.14026	6.14026	0.106018	1.19051	1.19051	108.416	16.7533	0.137358	1
cg11985360	0.136379	0.776005	-1.28865	0.0432611	0.692525	-1.44399	0.765877	1.04832	1.04832	0.00661625	1.74559	1.74559	13.1089	5.18482	0.351572	1
cg20209308	0.829172	0.963689	-1.03768	0.0297958	0.645522	-1.54913	0.000787374	2.38366	2.38366	0.790759	1.04657	1.04657	9.72711	4.51379	0.412482	1
cg23774356	5.39E-05	0.129517	-7.72098	0.2417	1.39465	1.39465	0.543607	0.846303	-1.18161	0.753379	0.918	-1.08932	7.86136	9.17433	1.03735	1
cg06695663	0.474874	1.05764	1.05764	0.0310473	1.21555	1.21555	0.00524716	1.3283	1.3283	0.378251	0.932663	-1.0722	7.70454	0.725562	0.0837096	1
cg23801965	0.815026	0.942015	-1.06155	0.00151458	0.312079	-3.20431	0.0323883	0.528082	-1.89364	0.0320858	0.527296	-1.89647	7.15848	7.36586	0.91464	1
cg15837252	0.0357892	0.432811	-2.31048	0.000403392	0.145368	-6.87908	0.171975	0.60747	-1.64617	0.0250219	0.400885	-2.49448	6.85504	12.7598	1.65456	1
cg21384203	0.86227	1.03432	1.03432	0.00632794	0.501167	-1.99534	0.00146017	2.44269	2.44269	0.893992	0.974426	-1.02625	6.83392	4.08674	0.531563	1
cg25559313	0.952728	1.01335	1.01335	0.596829	0.887449	-1.12682	0.00840741	2.12312	2.12312	0.00154184	2.7701	2.7701	6.11233	4.84317	0.70432	1
cg08430009	0.885545	0.939601	-1.06428	0.00508737	0.201568	-4.96111	0.0191595	3.40776	3.40776	0.257939	1.66632	1.66632	4.08326	12.0994	2.63394	1
cg21854621	0.335652	0.887371	-1.12692	0.0256935	1.37563	1.37563	0.355587	1.12117	1.12117	0.00462985	1.57368	1.57368	3.4258	0.785949	0.203929	1
cg24910161	0.00165507	0.559831	-1.78625	0.0261594	0.711793	-1.4049	9.21E-06	0.290744	-3.43945	0.00303259	0.592484	-1.68781	28.9817	7.62067	0.233731	1
cg10794714	0.0261676	0.685603	-1.45857	0.461261	1.11328	1.11328	0.000138233	0.389635	-2.56651	0.000121155	0.382665	-2.61325	27.6509	8.96398	0.288164	1
cg26162295	0.0843282	0.498869	-2.00453	0.000450621	0.133384	-7.49718	0.000304901	0.118058	-8.47043	0.0152137	0.337669	-2.96148	10.714	22.5052	1.86715	1
cg21790570	0.00284091	0.31225	-3.20256	0.00012184	0.149492	-6.6893	0.0131505	0.418528	-2.38933	0.74185	1.09817	1.09817	10.1186	12.861	1.1298	1
cg24092444	0.0712977	0.541827	-1.84561	0.000124298	0.130677	-7.65248	0.0397127	0.485074	-2.06154	0.00953303	0.368299	-2.71519	8.00225	11.7289	1.30285	1
cg06589596	0.632798	0.75414	-1.32601	0.00153712	0.0691396	-14.4635	0.0234103	0.204434	-4.89155	0.0357758	0.238803	-4.18756	5.09864	27.7486	4.83765	1
cg04756853	0.0192699	0.326307	-3.0646	0.00967919	0.273894	-3.65105	0.0492469	0.411503	-2.43011	0.507887	0.766633	-1.3044	3.50336	8.68381	2.20329	1
cg08995595	0.00219372	0.496306	-2.01489	0.00102102	0.451857	-2.21309	0.000420437	0.401777	-2.48895	0.361497	1.16533	1.16533	25.7354	10.8451	0.374582	1
cg13212159	0.738051	0.951116	-1.0514	0.547014	1.09527	1.09527	0.0233471	0.667219	-1.49876	0.00282731	0.541165	-1.84786	29.207	10.314	0.313899	1
cg23047335	0.756452	1.05117	1.05117	0.162443	1.27026	1.27026	0.00503564	1.81315	1.81315	2.50E-05	0.260917	-3.83263	22.0472	8.98425	0.362223	1
cg03190929	0.163016	0.851569	-1.1743	0.000350512	1.8589	1.8589	0.34108	1.11167	1.11167	0.0922608	0.818766	-1.22135	6.05447	1.11648	0.163916	1
cg05725940	0.0261053	1.73265	1.73265	0.248427	0.777849	-1.2856	0.0457233	1.61115	1.61115	0.377549	0.828176	-1.20747	6.81375	4.6787	0.610361	1
cg10057218	0.00148735	0.21338	-4.68648	0.00396356	0.270872	-3.69177	0.393544	0.744815	-1.34261	0.0388349	0.446484	-2.23972	6.68665	12.0343	1.59978	1
cg27435903	0.0212498	0.235932	-4.23851	0.0167439	0.21807	-4.58569	0.0264473	0.253471	-3.94522	0.00735979	0.165049	-6.05881	3.99632	17.2163	3.82938	1
cg10074813	0.274078	0.779124	-1.28349	0.000366764	0.28608	-3.49552	0.00274819	0.404041	-2.47499	0.372386	0.818046	-1.22242	9.76379	7.437	0.67706	1
cg15172061	0.628053	1.18871	1.18871	0.0211113	0.374562	-2.66978	0.0651852	0.480428	-2.08148	0.367313	0.720415	-1.38809	3.55962	7.06889	1.76521	1
cg17812120	0.00126013	0.466726	-2.14259	0.000357213	0.395601	-2.5278	3.84E-05	0.278695	-3.58815	0.000274918	0.381237	-2.62304	16.4473	6.82442	0.368824	1
cg06553843	0.309475	0.848782	-1.17816	0.000697169	0.446521	-2.23954	0.0200363	0.645684	-1.54875	0.0202748	0.646437	-1.54694	10.8892	4.19082	0.342097	1
cg22312904	0.72842	0.91319	-1.09506	0.0210392	0.485281	-2.06066	0.00399044	0.364892	-2.74054	0.377049	0.78967	-1.26635	8.76612	9.42257	0.955453	1
cg10675725	0.18682	0.678423	-1.47401	0.00250895	0.312263	-3.20243	0.148274	0.65052	-1.53723	0.111589	0.618472	-1.61689	4.29785	5.23322	1.08234	1
cg13694400	0.311414	0.916603	-1.09098	0.000586594	0.64291	-1.55543	0.703789	0.968736	-1.03227	0.673608	0.965387	-1.03585	15.605	1.70882	0.0973371	1
cg00194771	0.167088	0.706613	-1.4152	0.000309849	0.251597	-3.97462	0.282044	0.7683	-1.30158	0.000332543	0.255273	-3.91738	9.95055	8.76072	0.7826	1
cg23335414	0.821915	0.932187	-1.07275	0.00917713	0.356826	-2.80249	0.0238933	0.431908	-2.31531	0.372022	0.751649	-1.33041	7.33678	11.2738	1.36588	1
cg21864706	0.0954329	1.7062	1.7062	0.0689765	1.81039	1.81039	0.487542	1.2284	1.2284	0.0970222	0.587879	-1.70103	4.54857	6.12811	1.19757	1
cg01986786	0.823389	0.969438	-1.03153	0.975188	0.995691	-1.00433	0.754884	0.957446	-1.04445	0.577823	1.0812	1.0812	3.98715	1.21746	0.271419	1
cg20618695	0.835375	0.866474	-1.1541	0.0687542	0.245853	-4.06747	0.162609	0.358185	-2.79185	0.218315	0.409902	-2.43961	3.467	26.0477	6.67826	1
cg04938335	0.767361	0.961956	-1.03955	0.0010621	1.88272	1.88272	0.319915	0.874259	-1.14383	0.0191002	0.690147	-1.44897	11.662	3.15725	0.240648	1
cg10663220	0.130998	0.759776	-1.31618	0.544422	1.10889	1.10889	0.00555168	1.84754	1.84754	0.977603	0.995281	-1.00474	4.51035	2.02776	0.399626	1
cg27554156	0.0758089	0.399992	-2.50005	0.0126527	0.237591	-4.20892	0.157325	0.495985	-2.01619	0.66549	0.817342	-1.22348	3.78759	12.8977	3.02688	1
cg08399444	0.0110539	0.437063	-2.288	7.18E-06	0.0761997	-13.1234	0.462461	1.21441	1.21441	0.00154232	0.306363	-3.2641	16.7713	17.916	0.949562	1
cg03962082	0.107917	1.69527	1.69527	0.0237256	0.443807	-2.25323	0.187449	1.52254	1.52254	0.702016	0.890765	-1.12263	12.5009	17.9266	1.27469	1
cg03921753	0.986748	1.00178	1.00178	0.000111416	0.482309	-2.07336	0.260544	0.881682	-1.1342	0.00872024	1.43134	1.43134	8.00321	1.4595	0.162102	1
cg26596350	0.226228	1.52154	1.52154	0.035242	0.444837	-2.24802	0.0974455	1.82343	1.82343	0.228588	0.658768	-1.51799	4.99614	8.63307	1.53595	1
cg01117621	0.632947	0.881094	-1.13495	0.0129656	0.444264	-2.25092	0.144001	0.661674	-1.51132	0.341399	1.29425	1.29425	4.67344	5.12358	0.974506	1
cg06192555	0.134819	0.673837	-1.48404	0.0955062	0.638626	-1.56586	0.0538792	1.70905	1.70905	0.24002	1.35154	1.35154	4.57953	4.34895	0.844132	1
cg07461072	0.992212	0.996638	-1.00337	0.00328605	0.251065	-3.98303	0.179541	0.611484	-1.63537	0.0740519	1.98748	1.98748	3.68197	6.94193	1.6759	1
cg04904654	0.782171	0.927067	-1.07867	0.0271842	0.489522	-2.04281	0.0434924	0.530287	-1.88577	0.268352	0.729788	-1.37026	3.5983	4.25442	1.05097	1
cg07890065	0.0218216	1.41394	1.41394	0.000191181	2.20553	2.20553	0.823483	1.02852	1.02852	0.725955	0.95668	-1.04528	6.94259	1.74143	0.222962	1
cg26837270	0.974767	0.995375	-1.00465	0.00558762	0.586653	-1.70459	0.787837	0.961239	-1.04032	0.100257	0.768047	-1.302	9.04192	3.07579	0.302373	1
cg10140087	0.245214	1.13716	1.13716	0.165745	0.855292	-1.16919	0.452967	1.08421	1.08421	0.269748	1.12922	1.12922	4.93599	0.874186	0.157426	1
cg26889654	0.0867328	0.716409	-1.39585	0.0020184	0.464026	-2.15505	0.140826	1.32213	1.32213	0.725614	0.939774	-1.06409	4.22257	2.07818	0.437475	1
cg07527906	0.0164121	1.82321	1.82321	0.0975556	0.689152	-1.45106	0.0143959	1.85474	1.85474	0.86696	1.03493	1.03493	4.04349	2.68569	0.5904	1
cg02636004	0.280323	1.45205	1.45205	0.977488	1.00942	1.00942	0.707316	1.13355	1.13355	0.918493	1.0346	1.0346	5.33104	9.32608	1.55502	1
cg12733004	0.0631471	0.734981	-1.36058	0.621189	0.929242	-1.07615	0.491091	1.10853	1.10853	0.236444	1.20053	1.20053	3.94715	1.35684	0.305557	1
cg05793077	0.487439	1.12722	1.12722	0.753322	0.947891	-1.05497	0.0506684	1.45936	1.45936	0.801374	0.958113	-1.04372	8.92562	4.07328	0.405652	1
cg14399183	0.00964573	6.23492	6.23492	0.00412622	8.5774	8.5774	0.0154216	5.2632	5.2632	0.0458196	3.59313	3.59313	4.96019	24.5219	4.39443	1
cg14365457	0.285653	0.623717	-1.60329	0.0198581	0.302103	-3.31013	0.0109962	0.257151	-3.88877	0.933511	0.965103	-1.03616	4.34321	12.4651	2.55114	1
cg07896735	0.417912	0.908362	-1.10088	0.256105	0.871412	-1.14756	0.940111	1.00876	1.00876	0.931861	0.99012	-1.00998	3.50438	0.748217	0.189786	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13711851	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.00571362	0.00557566	0.762514	-1.31145	0.0261219	0.821542	-1.21722	0.0693637	0.859586	-1.16335	0.0242406	0.818679	-1.22148	0.0138388	0.797281	-1.25426	0.0774147	1.15743	1.15743	0.00741981	1.29286	1.29286	0.111692	0.878956	-1.13771	0.243125	0.913049	-1.09523	7.04456	0.618862	0.0780885	1
cg14478589	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0118404	0.00429082	0.143306	-6.9781	0.00641438	0.164701	-6.07161	0.00390287	0.1386	-7.215	0.0513026	0.323452	-3.09164	0.00884623	0.183596	-5.44675	0.0168012	0.226701	-4.4111	0.0308567	0.275411	-3.63094	0.339973	0.606405	-1.64906	0.10271	0.403273	-2.47971	5.59774	22.9358	3.64208	1
cg14651896	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0131634	0.884282	0.954952	-1.04717	0.672518	1.14404	1.14404	0.421548	0.77115	-1.29676	0.625764	0.855932	-1.16832	0.0620007	0.514213	-1.94472	0.0226354	0.421536	-2.37228	0.000244796	0.146844	-6.80995	0.765315	0.909599	-1.09939	0.731531	0.896726	-1.11517	5.40803	8.58039	1.41031	1
cg21252859	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0255286	0.0164202	0.624315	-1.60176	0.641465	0.92743	-1.07825	0.878144	1.02495	1.02495	0.00830272	1.71958	1.71958	0.108063	0.754524	-1.32534	0.0675311	0.719608	-1.38965	0.076427	1.37252	1.37252	0.256122	1.20978	1.20978	0.677095	0.934936	-1.06959	4.3256	1.76807	0.36333	1
cg14177401	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0269577	0.0782135	0.805037	-1.24218	0.115446	1.20886	1.20886	0.309653	0.890005	-1.12359	0.0845386	1.2355	1.2355	0.00608555	0.672365	-1.48729	0.0505956	0.781208	-1.28007	0.145063	0.840758	-1.1894	0.157102	0.845595	-1.1826	0.0679149	0.797216	-1.25437	4.244	0.825736	0.172947	1
cg14076923	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.0378607	0.268926	1.46389	1.46389	0.895779	0.957548	-1.04433	0.0221096	0.403225	-2.48	0.505206	1.2508	1.2508	0.493334	1.25893	1.25893	0.362191	1.36342	1.36342	0.00426867	0.28212	-3.54459	0.92079	0.967615	-1.03347	0.0498062	0.47684	-2.09714	3.75818	6.52068	1.54228	1
cg06230599	GSPT1	0.000326868	0.0175776	0.563647	-1.77416	0.160726	0.742804	-1.34625	0.000641412	0.353535	-2.82857	0.00322471	0.450448	-2.22001	0.000247246	0.300894	-3.32343	0.00395631	0.463421	-2.15786	7.77E-05	0.241895	-4.13402	9.63E-05	0.252368	-3.96246	0.0148966	0.551971	-1.81169	16.068	10.0212	0.554378	1
cg09805403	GSPT1;GSPT1;GSPT1	0.00127666	0.00387116	0.157636	-6.34371	0.0014955	0.113748	-8.79135	0.00202437	0.126554	-7.90175	0.308234	1.64998	1.64998	0.00382147	0.156965	-6.37085	0.155895	0.486336	-2.05619	0.000180731	0.0493485	-20.264	0.01516	0.242543	-4.12298	0.0135658	0.234479	-4.26477	10.9758	39.1904	3.17387	1
cg00255752	GSPT1;GSPT1;GSPT1	0.00275244	0.230026	0.845954	-1.1821	0.000161817	2.35238	2.35238	0.12875	0.804058	-1.24369	0.934144	0.989082	-1.01104	0.0400677	0.729662	-1.3705	0.178694	1.20899	1.20899	0.0057465	1.61751	1.61751	0.438172	1.11077	1.11077	0.247559	0.851637	-1.17421	8.77935	2.45362	0.248424	1
cg15834294	GSPT1;GSPT1;GSPT1	0.0286831	0.768274	1.12618	1.12618	0.160363	1.82794	1.82794	0.513544	1.30535	1.30535	0.0982448	0.48221	-2.07379	0.692317	0.852176	-1.17347	0.0134419	0.292025	-3.42437	0.0130291	3.45212	3.45212	0.0266865	2.87524	2.87524	0.608749	1.23077	1.23077	4.15233	10.6377	2.27721	1
cg07380907	GSPT1;GSPT1;GSPT1	0.0330807	0.423481	0.802557	-1.24602	0.0220628	0.477747	-2.09316	0.085528	0.599666	-1.66759	0.00902636	0.409399	-2.4426	0.00542766	0.37366	-2.67623	0.0417967	0.531901	-1.88005	0.361107	0.776784	-1.28736	0.0929372	0.608142	-1.64435	0.0300679	0.503353	-1.98668	3.94659	4.52481	1.01912	1
cg08843971	GSPT1;GSPT1;GSPT1	0.0441721	0.988118	1.00642	1.00642	0.00449616	0.196167	-5.09771	0.0272816	0.325181	-3.07521	0.113841	2.09552	2.09552	0.035218	0.348244	-2.87155	0.425201	0.70454	-1.41937	0.364909	0.670066	-1.49239	0.487223	0.738189	-1.35467	0.308641	0.635624	-1.57326	3.55009	10.3988	2.60369	1
cg21258987	GSPT2	0.00404407	0.619849	0.877065	-1.14017	0.000105545	0.165908	-6.02742	0.0595115	0.572406	-1.74701	0.781633	1.07561	1.07561	0.0275196	0.504709	-1.98134	0.241034	0.724738	-1.37981	0.0174193	0.467964	-2.13692	0.0869753	0.609081	-1.64182	0.1556	1.48968	1.48968	7.82659	8.52905	0.968669	1
cg07077080	GSR	6.99E-09	0.00232233	0.669568	-1.4935	0.898071	0.987987	-1.01216	0.0629504	0.820959	-1.21809	8.71E-10	0.0511727	-19.5417	9.06E-05	0.516872	-1.93472	0.0017802	0.657388	-1.52117	2.86E-10	0.032744	-30.54	0.00407956	0.695238	-1.43836	0.256312	0.894276	-1.11822	257.329	36.2455	0.125203	1
cg17325073	GSR;GSR	0.00039393	0.000797422	0.461169	-2.1684	0.441651	1.12739	1.12739	0.0814918	1.34326	1.34326	0.332577	1.16504	1.16504	0.00531133	0.570411	-1.75312	0.527041	0.906699	-1.1029	1.34E-05	0.248197	-4.02905	0.0594626	0.72244	-1.3842	0.127814	0.777548	-1.28609	15.2644	5.64629	0.328799	1
cg24712417	GSS	8.99E-05	0.523534	0.962676	-1.03877	3.26E-05	1.60806	1.60806	1.13E-05	1.73164	1.73164	0.306307	0.939583	-1.0643	0.0176151	1.1852	1.1852	0.385933	1.05369	1.05369	0.0431568	1.1467	1.1467	0.00127606	0.75848	-1.31843	0.51167	1.03994	1.03994	22.7771	1.24886	0.0487375	1
cg25239251	GSS	0.000963532	0.254045	0.819418	-1.22038	0.806012	1.042	1.042	0.618271	0.919429	-1.08763	0.799672	1.04344	1.04344	0.00484917	0.535455	-1.86757	0.122109	0.755645	-1.32337	1.25E-05	0.214774	-4.65606	0.688035	0.934734	-1.06982	0.0273422	0.646256	-1.54737	11.8911	5.26578	0.393631	1
cg22052010	GSS	0.0115365	0.0129409	0.363473	-2.75123	0.297632	0.701729	-1.42505	0.5082	0.802356	-1.24633	0.939028	1.02541	1.02541	0.000937746	0.198009	-5.05028	0.0358854	0.448954	-2.2274	0.0187935	0.393023	-2.54438	0.906662	1.03923	1.03923	0.00716806	0.320162	-3.12342	5.64508	9.62191	1.51509	1
cg23813889	GSTA1	0.000375977	0.0116204	1.58845	1.58845	0.00368321	0.562211	-1.77869	0.000117617	0.371893	-2.68894	0.0304429	1.4523	1.4523	0.616238	0.928551	-1.07695	0.00761301	1.65437	1.65437	0.0146875	1.55369	1.55369	0.570064	1.08785	1.08785	0.00187883	0.523779	-1.9092	15.4618	5.2699	0.302963	1
cg13833527	GSTA1	0.019357	0.517161	1.13768	1.13768	0.0944389	0.696916	-1.43489	0.647376	0.913513	-1.09467	0.000468418	0.339559	-2.945	0.327625	1.21954	1.21954	0.737772	0.936132	-1.06823	0.0839177	0.686838	-1.45595	0.454694	0.861077	-1.16134	0.102227	0.70379	-1.42088	4.75701	2.90655	0.543115	1
cg00462104	GSTA2	0.0144105	0.00414214	0.337021	-2.96717	0.0207744	0.454971	-2.19794	0.00685748	0.371335	-2.69299	0.0896588	0.588961	-1.6979	0.00943757	0.394208	-2.53673	0.429697	0.796058	-1.25619	0.00472161	0.34573	-2.89243	0.502817	0.824972	-1.21216	0.59647	0.859683	-1.16322	5.24972	6.65601	1.127	1
cg17840203	GSTA2	0.0151581	0.123203	1.31203	1.31203	0.812257	0.962043	-1.03945	0.866345	0.972977	-1.02777	0.000687164	0.430391	-2.32347	0.391022	0.866812	-1.15365	0.0929632	1.35066	1.35066	0.0739382	1.38253	1.38253	0.476415	1.12497	1.12497	0.359717	1.1655	1.1655	5.16276	2.16265	0.372351	1
cg02075593	GSTA3	1.50E-05	6.92E-05	0.296219	-3.37588	0.00442643	0.529642	-1.88807	0.179436	0.787721	-1.26949	0.000774957	0.42687	-2.34263	6.45E-05	0.292696	-3.41652	0.00964578	1.73003	1.73003	8.25E-07	0.110309	-9.06544	0.242825	0.815037	-1.22694	0.000128498	0.328231	-3.04664	36.5233	16.1966	0.394186	1
cg27343684	GSTA3	0.00059779	0.000410457	0.503672	-1.98542	0.152269	0.829068	-1.20617	0.00142868	0.56902	-1.75741	0.000246346	0.477013	-2.09638	0.000959888	0.548155	-1.8243	0.00408267	0.624309	-1.60177	0.598849	1.06704	1.06704	0.555975	0.929785	-1.07552	0.000534578	0.517492	-1.9324	13.5979	3.21801	0.210361	1
cg20443613	GSTA3	0.000827599	0.105391	1.41182	1.41182	0.981896	0.995587	-1.00443	0.798396	1.05116	1.05116	0.754644	1.06302	1.06302	3.61E-05	0.211814	-4.72112	0.095454	0.699727	-1.42913	0.000928925	2.62153	2.62153	0.642468	1.09542	1.09542	0.837597	0.960781	-1.04082	12.413	7.47081	0.534982	1
cg04340502	GSTA3	0.0193332	0.392134	1.30061	1.30061	0.0550381	0.520905	-1.91973	0.00218392	0.275674	-3.62747	0.00809348	0.361806	-2.76392	0.0274206	0.457418	-2.18618	0.909729	0.966569	-1.03459	0.1749	0.648844	-1.5412	0.767779	0.915055	-1.09283	0.0394894	0.489682	-2.04214	4.75898	6.77416	1.26529	1
cg12445586	GSTA3;GSTA3	0.0231864	0.328511	1.18479	1.18479	0.00422603	0.525208	-1.90401	0.033422	0.658443	-1.51873	0.0149503	0.60465	-1.65385	0.73762	0.945039	-1.05816	0.489913	1.12515	1.12515	0.271491	1.21224	1.21224	0.351419	1.17497	1.17497	0.0816477	0.722925	-1.38327	4.47239	2.0023	0.397958	1
cg17046180	GSTA4	0.000284283	0.0739212	1.53733	1.53733	0.0132675	0.515516	-1.93981	0.011862	0.507538	-1.9703	0.182663	0.736884	-1.35707	2.21E-05	0.159073	-6.28642	0.743082	1.07359	1.07359	0.000367155	0.291744	-3.42766	0.00812493	2.0784	2.0784	0.130521	0.702888	-1.4227	16.6941	12.3244	0.656224	1
cg00162401	GSTA4	0.00547534	0.61321	1.10382	1.10382	0.000149465	3.53366	3.53366	0.0150376	1.78452	1.78452	0.427456	0.854698	-1.17	0.477498	1.15022	1.15022	0.907225	0.977661	-1.02285	0.0546426	0.655447	-1.52568	0.880129	0.97118	-1.02968	0.598824	1.10835	1.10835	7.13739	4.245	0.52867	1
cg22486834	GSTA4	0.00903761	0.0305298	1.91334	1.91334	0.0293056	1.92586	1.92586	0.000901022	3.55419	3.55419	0.00221938	2.98668	2.98668	0.62258	0.881051	-1.13501	0.100244	1.58357	1.58357	0.455241	1.21427	1.21427	0.153355	1.47738	1.47738	0.0198786	2.04952	2.04952	6.10429	6.29964	0.917336	1
cg19701087	GSTA4	0.0181228	0.132561	1.4533	1.4533	0.0333914	1.7729	1.7729	0.00100442	3.07925	3.07925	0.0117608	2.06433	2.06433	0.737958	1.08041	1.08041	0.183099	1.38455	1.38455	0.822125	0.949457	-1.05323	0.678894	1.10063	1.10063	0.0193369	1.91851	1.91851	4.86399	4.08711	0.746913	1
cg15925365	GSTA4	0.0199996	0.0457143	1.91314	1.91314	0.520505	1.20258	1.20258	0.00240802	3.31083	3.31083	0.00646263	2.72602	2.72602	0.538263	1.19301	1.19301	0.020783	2.19943	2.19943	0.91267	0.969408	-1.03156	0.879215	1.04401	1.04401	0.0231906	2.15685	2.15685	4.7046	5.97628	1.12916	1
cg15573334	GSTA4	0.0213009	0.140715	1.32649	1.32649	0.000451977	2.68008	2.68008	0.0234162	1.62066	1.62066	0.869483	1.02976	1.02976	0.131128	1.33727	1.33727	0.192162	1.27909	1.27909	0.348819	1.18765	1.18765	0.951796	1.01084	1.01084	0.989107	0.997569	-1.00244	4.60459	2.31843	0.447559	1
cg06170922	GSTA4	0.022037	0.0639935	1.45215	1.45215	0.929819	0.984338	-1.01591	0.888184	1.02553	1.02553	0.835504	0.963425	-1.03796	0.00380759	0.496923	-2.01238	0.222726	0.794843	-1.25811	0.00600043	0.525455	-1.90311	0.0725719	0.698371	-1.4319	0.594198	1.10116	1.10116	4.55132	2.31478	0.452085	1
cg24749259	GSTA5	1.22E-05	0.0680854	0.705786	-1.41686	0.0112585	1.71854	1.71854	0.796563	0.956898	-1.04504	1.17E-06	0.116926	-8.55242	0.000354563	0.375991	-2.65964	0.487065	1.12797	1.12797	0.0303476	1.54362	1.54362	0.646319	0.924227	-1.08199	3.83E-06	0.159211	-6.28095	38.4984	17.7337	0.409454	1
cg21139063	GSTA5	0.000231701	0.0830704	1.41135	1.41135	0.0364991	1.54715	1.54715	0.745444	0.943188	-1.06023	3.58E-05	0.239062	-4.18302	0.0286068	1.58993	1.58993	0.0641231	1.45289	1.45289	0.000141014	3.25271	3.25271	0.00545988	1.92748	1.92748	0.86206	0.969256	-1.03172	17.6515	9.01267	0.453856	1
cg17707126	GSTA5	0.000822855	0.000276017	0.242401	-4.12539	0.243972	0.748166	-1.3366	0.00264428	0.371543	-2.69148	0.00411602	0.400143	-2.4991	0.0190993	0.509103	-1.96424	0.000422752	0.26464	-3.77873	0.0652696	0.611072	-1.63647	0.00738769	0.439765	-2.27394	0.000184857	0.222404	-4.49633	12.4331	11.1545	0.797475	1
cg08173533	GSTCD;GSTCD	0.000113496	0.0595247	0.725691	-1.378	5.30E-05	0.320482	-3.1203	0.0950416	0.758392	-1.31858	0.593451	1.08463	1.08463	2.31E-05	0.279053	-3.58354	0.0601579	0.726411	-1.37663	2.28E-05	0.278491	-3.59078	0.00371353	0.553793	-1.80573	0.00700319	0.591117	-1.69171	21.4025	7.70435	0.319977	1
cg26298533	GSTCD;GSTCD	0.00105413	0.0238582	0.553005	-1.8083	0.0106256	2.02556	2.02556	0.0815713	1.52823	1.52823	0.243556	1.30746	1.30746	0.00191422	0.380783	-2.62617	0.208027	0.747027	-1.33864	0.000264357	0.268038	-3.73081	0.385408	1.21593	1.21593	0.00456404	0.436107	-2.29302	11.5918	8.8623	0.679584	1
cg06273422	GSTCD;GSTCD	0.00378593	0.00568756	0.179575	-5.56871	0.228116	0.549412	-1.82013	0.00945905	0.210789	-4.74408	0.630069	0.794731	-1.25829	0.00285698	0.143233	-6.98165	0.043713	0.333654	-2.99712	0.000234106	0.0556621	-17.9655	0.0605376	0.367179	-2.72347	0.0118051	0.225687	-4.43091	7.98356	28.3403	3.1554	1
cg25561576	GSTCD;GSTCD	0.00422477	0.00231384	0.199938	-5.00155	0.129783	0.538485	-1.85706	0.0390622	0.405215	-2.46783	0.937017	0.970552	-1.03034	0.00056345	0.13241	-7.55228	0.0154964	0.325273	-3.07434	0.00476319	0.242321	-4.12676	0.0370129	0.400111	-2.4993	0.00446083	0.238228	-4.19765	7.72396	17.4994	2.01387	1
cg06677089	GSTCD;GSTCD	0.0146049	0.00339332	0.180738	-5.53288	0.206642	0.564357	-1.77193	0.337622	0.654047	-1.52894	0.900401	0.947643	-1.05525	0.00161824	0.143569	-6.96527	0.0409466	0.36304	-2.75452	0.00847356	0.236102	-4.23545	0.27166	0.611719	-1.63474	0.0546582	0.392113	-2.55029	5.22658	15.2701	2.597	1
cg18436827	GSTCD;GSTCD	0.0396797	0.866946	0.939169	-1.06477	0.0106385	0.300557	-3.32716	0.0719932	0.471569	-2.12058	0.40347	0.726164	-1.3771	0.52251	0.784599	-1.27454	0.20307	0.604776	-1.65351	0.0017817	0.189265	-5.2836	0.806042	1.09645	1.09645	0.587785	0.814779	-1.22733	3.69405	8.19577	1.97212	1
cg24493367	GSTCD;GSTCD	0.0471565	0.0125348	0.117564	-8.50601	0.0135999	0.121897	-8.20362	0.0927341	0.279379	-3.57937	0.104486	0.294253	-3.39844	0.0532418	0.220066	-4.5441	0.389082	0.544193	-1.83758	0.0309797	0.174485	-5.73115	0.0506996	0.215505	-4.64027	0.0309914	0.174513	-5.73022	3.46407	26.0704	6.68973	1
cg26036479	GSTCD;INTS12;INTS12;GSTCD	0.0290093	0.971474	0.982153	-1.01817	0.891601	1.07108	1.07108	0.0927704	0.39397	-2.53826	0.323239	0.5982	-1.67168	0.287418	1.74414	1.74414	0.627774	0.781874	-1.27898	?	?	?	0.00124491	0.0929599	-10.7573	0.182151	2.04037	2.04037	4.20581	15.0167	3.57046	1
cg04503743	GSTK1;GSTK1;GSTK1;GSTK1	0.0139162	0.797411	0.960542	-1.04108	0.827571	0.966437	-1.03473	0.898074	0.980144	-1.02026	0.00778243	0.585802	-1.70706	0.0341643	0.679209	-1.4723	0.0389169	0.687878	-1.45375	0.00674173	0.577105	-1.73279	0.820846	1.03614	1.03614	0.014588	1.6012	1.6012	5.31035	2.05988	0.344799	1
cg03879613	GSTK1;GSTK1;GSTK1;GSTK1	0.037854	0.104724	0.5229	-1.91241	0.750497	0.889897	-1.12373	0.35339	0.705287	-1.41786	0.519772	1.26946	1.26946	0.0182452	0.350719	-2.85128	0.0474338	0.436392	-2.29152	0.00332905	0.231933	-4.31159	0.384835	1.38513	1.38513	0.190409	0.602286	-1.66034	3.75842	7.95854	1.88224	1
cg15247762	GSTK1;GSTK1;GSTK1;GSTK1	0.0380196	0.489633	0.925635	-1.08034	0.857677	0.980429	-1.01996	0.999391	0.999916	-1.00008	0.0138646	1.39765	1.39765	0.585241	0.941126	-1.06256	0.135878	1.19358	1.19358	0.00499523	1.50542	1.50542	0.0892811	0.813584	-1.22913	0.996151	0.999469	-1.00053	3.75243	0.720487	0.170672	1
cg27041257	GSTK1;GSTK1;GSTK1;GSTK1	0.0386494	0.238097	0.848396	-1.17869	0.686314	0.947417	-1.0555	0.0127911	1.50897	1.50897	0.0791402	1.29607	1.29607	0.276062	0.860072	-1.16269	0.100152	0.786896	-1.27082	0.368731	1.13069	1.13069	0.830823	1.02887	1.02887	0.0144519	1.49331	1.49331	3.72992	1.04561	0.249183	1
cg11021031	GSTK1;GSTK1;GSTK1;GSTK1	0.0413295	0.395512	0.894339	-1.11814	0.217959	0.846781	-1.18094	0.0929186	1.26774	1.26774	0.260331	0.860132	-1.16261	0.582224	1.07391	1.07391	0.777089	0.96423	-1.0371	0.557005	0.926607	-1.07921	0.245618	1.16864	1.16864	0.00200091	1.75029	1.75029	3.63895	0.949145	0.231848	1
cg20944548	GSTM2;GSTM2	1.90E-06	0.00115354	0.745	-1.34228	0.000704094	1.37483	1.37483	0.113873	1.11185	1.11185	0.0168154	0.835415	-1.19701	3.55E-08	0.296375	-3.37411	0.0019453	0.763263	-1.31016	0.00136966	1.33148	1.33148	0.202384	0.920385	-1.0865	0.00248664	0.771712	-1.29582	62.2134	3.74382	0.0534906	1
cg12647497	GSTM2;GSTM2	0.00025854	9.08E-05	0.156946	-6.37163	6.08E-05	0.140878	-7.09832	0.00169169	0.304997	-3.27872	0.0323001	0.515027	-1.94164	0.013327	0.444147	-2.25151	0.000566884	0.243241	-4.11115	0.0199739	0.475524	-2.10294	0.00017293	0.184849	-5.40981	0.00283964	0.336999	-2.96737	17.1324	19.0122	0.986423	1
cg16670497	GSTM2;GSTM2	0.00302671	0.0248825	0.457548	-2.18556	0.000275017	0.174699	-5.72412	0.00257682	0.294143	-3.3997	0.022023	0.44738	-2.23523	0.0111922	0.394183	-2.53689	0.0598426	0.536944	-1.86239	0.00639553	0.35379	-2.82653	0.0158113	0.420696	-2.37701	0.00329479	0.309588	-3.2301	8.53565	11.5941	1.20739	1
cg06615940	GSTM2;GSTM2	0.0211909	0.139588	0.733095	-1.36408	0.00787039	0.51381	-1.94625	0.0207527	0.580586	-1.7224	0.216601	0.775747	-1.28908	0.0659907	0.668429	-1.49605	0.0788696	0.683105	-1.4639	0.00230958	0.435406	-2.29671	0.0111299	0.53712	-1.86178	0.240477	0.786621	-1.27126	4.61274	2.78647	0.536961	1
cg03942855	GSTM2;GSTM2	0.0331049	0.142401	0.452954	-2.20773	0.0027619	0.125729	-7.9536	0.0250874	0.262293	-3.81253	0.136002	0.446261	-2.24084	0.0176564	0.234665	-4.2614	0.0985707	0.402622	-2.48372	0.0515008	0.328474	-3.04438	0.0475413	0.320381	-3.12129	0.0719233	0.364595	-2.74277	3.94555	15.762	3.551	1
cg06970744	GSTM2;GSTM2	0.0443046	0.0172203	0.346678	-2.88452	0.00398609	0.243451	-4.1076	0.0349652	0.407805	-2.45215	0.104541	0.523275	-1.91104	0.157206	0.575696	-1.73703	0.230416	0.631749	-1.58291	0.149218	0.568617	-1.75865	0.0501772	0.442622	-2.25926	0.0535169	0.449134	-2.22651	3.54612	7.48304	1.87574	1
cg26020161	GSTM3;GSTM3	8.07E-05	7.15E-05	0.142808	-7.0024	0.00920225	2.43349	2.43349	0.253475	1.37817	1.37817	0.985664	0.995179	-1.00484	7.45E-06	0.0704627	-14.1919	0.801412	1.07013	1.07013	0.00140036	0.288042	-3.47172	0.0895478	1.65441	1.65441	0.0114714	0.427128	-2.34122	23.4461	26.8614	1.01837	1
cg00388838	GSTM3;GSTM3	0.000108503	0.211795	0.822593	-1.21567	0.00300129	0.546493	-1.82985	0.996291	1.00069	1.00069	0.404765	0.881115	-1.13493	3.71E-06	0.200575	-4.98566	0.0212743	0.66297	-1.50836	0.613299	1.0786	1.0786	0.311145	1.16834	1.16834	5.40E-05	0.327053	-3.05761	21.6622	7.56288	0.310336	1
cg10807101	GSTM3;GSTM3	0.00276589	0.188132	0.591415	-1.69086	0.000478507	0.126903	-7.88002	0.0419914	0.413713	-2.41714	0.27657	0.652969	-1.53147	0.00126506	0.170004	-5.88221	0.14617	0.555703	-1.79952	0.00137529	0.174119	-5.74318	0.00204928	0.194717	-5.13565	0.811438	0.913921	-1.09419	8.7667	19.6937	1.99681	1
cg09152047	GSTM3;GSTM3	0.0225294	0.740141	1.09854	1.09854	0.969135	1.01098	1.01098	0.0627628	0.55367	-1.80613	0.00321396	0.321297	-3.11239	0.0298693	0.486	-2.05761	0.0896879	0.589646	-1.69593	0.105188	0.606613	-1.6485	0.885932	1.04136	1.04136	0.0420978	1.93717	1.93717	4.51689	5.70302	1.12231	1
cg25027501	GSTM3;GSTM3	0.0374212	0.354961	1.19286	1.19286	0.454446	1.15166	1.15166	0.493942	1.13739	1.13739	0.0139178	1.75601	1.75601	0.175494	1.30602	1.30602	0.503252	1.13416	1.13416	0.0361859	0.636711	-1.57057	0.102356	0.717997	-1.39276	0.0195336	1.68714	1.68714	3.77425	2.05297	0.483503	1
cg11903880	GSTM4;GSTM4;GSTM4	0.000169058	0.616553	0.898894	-1.11248	0.687612	0.918199	-1.08909	0.000318665	0.292145	-3.42296	0.862815	0.964144	-1.03719	0.000852312	0.34711	-2.88093	0.178068	0.739242	-1.35274	3.72E-06	0.101917	-9.81193	0.0344798	0.594137	-1.68311	0.00732107	0.481903	-2.07511	19.2262	13.5731	0.627528	1
cg21451998	GSTM4;GSTM4;GSTM4	0.00251751	0.000189813	0.21242	-4.70765	0.0876089	0.628588	-1.59087	0.632571	1.12593	1.12593	0.825268	1.05595	1.05595	0.0183775	0.49439	-2.0227	0.0237755	0.514572	-1.94336	0.00117317	0.309535	-3.23065	0.00738853	0.42747	-2.33934	0.0289261	0.530375	-1.88546	9.01351	8.65481	0.853515	1
cg05793930	GSTM4;GSTM4;GSTM4	0.005029	0.00153307	0.26349	-3.79521	0.0261552	0.462168	-2.16372	0.0117995	0.398578	-2.50892	0.538489	0.833454	-1.19983	0.000474008	0.200752	-4.98126	0.165963	0.649117	-1.54055	0.34261	1.33111	1.33111	0.628534	1.15327	1.15327	0.192779	0.668174	-1.49662	7.32565	9.92764	1.20461	1
cg27182047	GSTM4;GSTM4;GSTM4	0.0163152	0.0465058	0.67653	-1.47813	0.798136	1.04491	1.04491	0.793911	0.956121	-1.04589	0.275218	1.21477	1.21477	0.764035	1.05295	1.05295	0.00262227	0.48968	-2.04215	0.0123337	0.586226	-1.70583	0.834191	0.964712	-1.03658	0.0311897	1.54244	1.54244	5.03816	2.34391	0.413539	1
cg22247664	GSTM4;GSTM4;GSTM4	0.0251832	0.551799	0.941321	-1.06234	0.11134	1.19031	1.19031	0.00331325	1.49446	1.49446	0.118347	0.843401	-1.18567	0.315366	1.10991	1.10991	0.91893	0.989826	-1.01028	0.0155738	0.74234	-1.34709	0.343579	0.906646	-1.10297	0.98086	1.00241	1.00241	4.34618	0.694499	0.14204	1
cg08859447	GSTM4;GSTM4;GSTM4	0.025824	0.292234	0.757522	-1.32009	0.0160427	0.47284	-2.11488	0.0123112	0.452863	-2.20817	0.133879	0.663092	-1.50809	0.0915408	0.623643	-1.60348	0.216664	0.718657	-1.39148	0.00126234	0.302379	-3.30711	0.504174	0.841767	-1.18798	0.74773	0.921263	-1.08547	4.30828	4.40669	0.909193	1
cg15069758	GSTM4;GSTM4;GSTM4;GSTM4;GSTM4	0.0277081	0.798593	1.02742	1.02742	0.50693	1.07383	1.07383	0.325474	1.1134	1.1134	0.0964387	1.21301	1.21301	0.504298	1.07432	1.07432	0.451951	0.922123	-1.08445	0.00161311	0.619798	-1.61343	0.0384751	1.28877	1.28877	0.861343	1.01867	1.01867	4.20326	0.745151	0.157582	1
cg25593510	GSTM5	0.00495371	0.0816291	2.91229	2.91229	0.0862281	2.85742	2.85742	0.00532215	7.64404	7.64404	0.312145	1.78448	1.78448	0.000841028	16.1477	16.1477	0.00316525	9.33048	9.33048	0.00144073	12.8243	12.8243	0.0827145	2.89898	2.89898	0.0184995	4.86613	4.86613	7.35946	35.7589	4.31902	1
cg03542222	GSTM5	0.00742263	0.0300451	0.631756	-1.58289	0.0154287	1.70728	1.70728	0.926742	0.983586	-1.01669	0.0153094	1.70881	1.70881	0.0014169	0.435508	-2.29617	0.311445	0.828233	-1.20739	0.278813	0.816563	-1.22464	0.155467	0.760676	-1.31462	0.27435	0.814897	-1.22715	6.49506	3.33172	0.455967	1
cg25210835	GSTM5	0.0269335	0.0267857	24.1847	24.1847	0.0371198	18.889	18.889	0.11847	7.83021	7.83021	0.151706	6.45557	6.45557	0.0209963	29.1227	29.1227	0.0597968	13.1831	13.1831	0.00320587	132.276	132.276	0.014048	39.7188	39.7188	0.0607383	13.0286	13.0286	4.24534	99.1315	20.7562	1
cg24467349	GSTM5	0.0321825	0.0426334	16.0557	16.0557	0.0372079	17.7553	17.7553	0.102663	8.36403	8.36403	0.219217	4.64956	4.64956	0.0296376	21.0158	21.0158	0.0801104	10.0679	10.0679	0.00322528	119.086	119.086	0.0153519	34.4285	34.4285	0.065601	11.677	11.677	3.98576	89.2996	19.9153	1
cg20803293	GSTM5	0.0430029	0.146981	4.44866	4.44866	0.117558	5.10446	5.10446	0.0720618	6.85819	6.85819	0.347558	2.52825	2.52825	0.0146653	17.8402	17.8402	0.0405982	9.65499	9.65499	0.00373362	42.7575	42.7575	0.0680109	7.09952	7.09952	0.0653028	7.27389	7.27389	3.58576	52.2289	12.9472	1
cg14377951	GSTM5;GSTM5	0.0118456	0.0356621	3.45278	3.45278	0.0649797	2.85831	2.85831	0.422395	1.51487	1.51487	0.142051	2.22554	2.22554	0.0145448	4.59736	4.59736	0.0168454	4.38405	4.38405	0.00078961	13.0758	13.0758	0.00885069	5.41296	5.41296	0.0367019	3.42163	3.42163	5.59695	22.769	3.6161	1
cg23719124	GSTM5;GSTM5	0.0281548	0.0637306	4.03914	4.03914	0.344362	1.92009	1.92009	0.541043	1.51354	1.51354	0.280685	2.11921	2.11921	0.0163416	7.14334	7.14334	0.0407502	4.86517	4.86517	0.00187772	19.1614	19.1614	0.0335636	5.27479	5.27479	0.0341547	5.23652	5.23652	4.17965	29.6966	6.31559	1
cg10973038	GSTO1	0.000547978	0.0057532	0.637891	-1.56767	0.1167	0.809184	-1.23581	0.505671	0.91953	-1.08751	0.000594337	0.517577	-1.93208	0.335276	1.13137	1.13137	0.031232	0.730529	-1.36887	1.36E-05	0.322903	-3.0969	0.102655	0.801051	-1.24836	0.77463	0.964968	-1.0363	13.9314	3.40461	0.21723	1
cg02225485	GSTO1	0.00420226	0.609292	0.923897	-1.08237	0.00026792	2.50524	2.50524	0.00783026	1.68894	1.68894	0.558911	0.913237	-1.09501	0.0855041	1.33896	1.33896	0.181474	1.24337	1.24337	0.0140045	0.627551	-1.5935	0.495296	1.11219	1.11219	0.208768	1.22565	1.22565	7.73644	2.88926	0.331965	1
cg02733266	GSTO1	0.0354993	?	?	?	0.0114657	7.58352	7.58352	?	?	?	0.815164	1.09736	1.09736	?	?	?	0.909136	1.04621	1.04621	0.068609	0.362388	-2.75948	?	?	?	?	?	?	11.7308	10.3663	0.662763	1
cg26358059	GSTO1	0.0416483	0.028875	0.41882	-2.38766	0.561327	1.21359	1.21359	0.0223264	2.52761	2.52761	0.0801324	0.522422	-1.91416	0.062592	0.495391	-2.01861	0.0651611	0.499696	-2.00122	0.337922	0.721392	-1.38621	0.193994	1.57794	1.57794	0.772133	0.908843	-1.1003	3.95829	6.64462	1.30562	1
cg19038917	GSTO1	0.0485855	0.786271	1.0573	1.0573	0.842634	1.04159	1.04159	0.01183	1.90468	1.90468	0.290248	0.798506	-1.25234	0.0205072	1.77229	1.77229	0.0500136	0.632445	-1.58117	0.955339	0.988584	-1.01155	0.135249	1.39108	1.39108	0.265834	1.26833	1.26833	3.42522	2.27985	0.591651	1
cg13766030	GSTO2	4.49E-07	0.0111247	0.69616	-1.43645	1.38E-07	6.6088	6.6088	0.615225	0.943962	-1.05937	0.0613056	1.27115	1.27115	0.314086	1.12577	1.12577	0.0616994	0.787045	-1.27058	0.0244592	0.737099	-1.35667	1.31E-07	6.68658	6.68658	4.66E-07	5.02344	5.02344	89.9217	18.4411	0.182293	1
cg04447284	GSTO2	3.89E-06	0.0712552	0.702355	-1.42378	8.38E-06	5.48813	5.48813	0.869753	0.971632	-1.0292	5.88E-05	3.68583	3.68583	8.25E-05	3.46841	3.46841	0.00691261	0.541694	-1.84606	0.92112	0.982781	-1.01752	4.71E-06	6.28729	6.28729	1.00E-06	9.50931	9.50931	51.7859	25.2217	0.432922	1
cg10088790	GSTO2	7.80E-06	7.15E-06	8.043	8.043	0.00758087	0.485765	-2.05861	0.267262	0.784296	-1.27503	0.000284842	0.287675	-3.47615	4.70E-05	5.02043	5.02043	0.0372059	0.601414	-1.66275	1.45E-05	0.150052	-6.66437	0.0292579	1.71593	1.71593	0.000450559	3.1993	3.1993	43.2606	30.2809	0.622191	1
cg07217928	GSTO2	7.20E-05	0.000352603	5.38289	5.38289	0.365645	0.761441	-1.3133	0.0454137	0.510239	-1.95986	0.0819532	1.75971	1.75971	0.127442	1.62141	1.62141	0.623343	0.864898	-1.15621	0.137156	1.59914	1.59914	0.461778	1.24566	1.24566	1.17E-06	40.0639	40.0639	24.1642	32.9038	1.21038	1
cg19917656	GSTO2	7.72E-05	0.0314255	0.498478	-2.00611	0.000676076	4.19375	4.19375	0.304084	1.34126	1.34126	0.111986	1.61189	1.61189	0.00260761	3.15908	3.15908	0.148268	0.651955	-1.53385	0.375116	0.777938	-1.28545	5.38E-05	7.9867	7.9867	6.84E-06	15.6744	15.6744	23.7263	28.5936	1.07124	1
cg00899160	GSTO2	0.000158235	0.148246	0.577065	-1.73291	0.00948702	3.20638	3.20638	0.434808	1.32644	1.32644	0.00732245	3.40671	3.40671	1.61E-05	23.4083	23.4083	0.0746709	0.494647	-2.02164	0.357167	0.714826	-1.39894	0.000865741	5.88457	5.88457	0.000118478	10.8905	10.8905	19.5728	38.9591	1.76931	1
cg09629914	GSTO2	0.000297722	7.84E-05	8.78433	8.78433	0.501418	0.812558	-1.23068	0.503782	1.22923	1.22923	0.00432404	0.313382	-3.19099	0.0207582	2.33233	2.33233	0.322387	0.732739	-1.36474	0.000284281	0.164735	-6.07037	0.0271344	2.21592	2.21592	0.0131154	2.54937	2.54937	16.4845	24.1605	1.3028	1
cg16071118	GSTO2	0.000488977	0.00102947	7.07105	7.07105	0.963245	1.01871	1.01871	0.0261272	2.89049	2.89049	0.636917	1.21072	1.21072	0.421145	1.39167	1.39167	0.78018	0.89358	-1.11909	0.992386	0.99617	-1.00384	0.655344	0.834703	-1.19803	8.03E-06	50.7681	50.7681	14.3791	36.8343	2.27702	1
cg00368059	GSTO2	0.0010005	0.0338683	0.564605	-1.77115	0.0246512	1.85418	1.85418	0.888359	0.968107	-1.03294	0.0136456	2.02186	2.02186	0.621008	1.12188	1.12188	0.698199	0.914009	-1.09408	0.19995	0.731651	-1.36677	0.000231573	4.09656	4.09656	0.0002089	4.18565	4.18565	11.7649	9.92203	0.749654	1
cg22955449	GSTO2	0.00247578	0.00268729	5.62981	5.62981	0.432114	1.39651	1.39651	0.851595	0.924949	-1.08114	0.573566	0.789077	-1.2673	0.0125819	3.64243	3.64243	0.259501	0.612625	-1.63232	0.687268	1.18362	1.18362	0.679716	0.841193	-1.18879	9.11E-05	18.414	18.414	9.05795	24.8937	2.44291	1
cg08650507	GSTO2	0.00380211	0.00947689	5.00055	5.00055	0.593481	1.30188	1.30188	0.996394	1.00222	1.00222	0.387142	0.647892	-1.54347	0.787951	0.876341	-1.14111	0.980966	0.988387	-1.01175	0.42101	0.668649	-1.49555	0.92723	1.04574	1.04574	6.99E-05	34.9842	34.9842	7.97334	30.2735	3.37497	1
cg13332774	GSTO2	0.00392906	0.00348277	13.202	13.202	0.148152	0.364359	-2.74454	0.255918	2.16377	2.16377	0.279747	2.07782	2.07782	0.0565733	4.07438	4.07438	0.0855163	0.290238	-3.44545	0.272528	0.475547	-2.10284	0.944935	1.04598	1.04598	0.000286385	47.1841	47.1841	7.89494	52.9632	5.96312	1
cg23558438	GSTO2	0.00443933	0.00444861	5.26634	5.26634	0.745138	1.15349	1.15349	0.78863	1.12484	1.12484	0.555699	0.770338	-1.29813	0.0378151	2.87047	2.87047	0.383624	0.676298	-1.47864	0.964755	1.01953	1.01953	0.695828	0.841968	-1.18769	0.000135611	18.0332	18.0332	7.60898	23.0981	2.69835	1
cg10122050	GSTO2	0.00450304	0.0025093	0.355171	-2.81554	0.00998444	0.448314	-2.23058	0.455274	0.828993	-1.20628	0.064039	0.598539	-1.67074	0.00049424	0.260523	-3.83844	0.592417	0.875235	-1.14255	0.00827853	0.434916	-2.2993	0.02871	0.529242	-1.8895	0.00487991	0.398458	-2.50967	7.57617	7.29726	0.856165	1
cg26589669	GSTO2	0.00519785	0.00055681	5.63612	5.63612	0.980115	0.991985	-1.00808	0.0712975	1.91636	1.91636	0.805563	0.923456	-1.08289	0.61995	1.17518	1.17518	0.0962321	1.80357	1.80357	0.108654	1.75945	1.75945	0.021496	2.4394	2.4394	0.00054878	5.65797	5.65797	7.25207	11.9743	1.4677	1
cg00351324	GSTO2	0.00602061	0.00299017	8.55572	8.55572	0.933568	0.957006	-1.04493	0.483398	0.686978	-1.45565	0.624386	1.2971	1.2971	0.250563	1.883	1.883	0.355695	0.60605	-1.65003	0.515957	0.706668	-1.41509	0.726883	0.831239	-1.20302	0.000236597	24.8044	24.8044	6.93182	30.5045	3.91169	1
cg25250998	GSTO2	0.0113426	0.0038644	8.11953	8.11953	0.959352	0.972948	-1.0278	0.15301	2.27833	2.27833	0.0385944	3.62978	3.62978	0.0696832	2.97902	2.97902	0.815874	0.882049	-1.13372	0.695025	0.80896	-1.23615	0.786659	1.15716	1.15716	0.000634653	16.8441	16.8441	5.67607	26.0275	4.07598	1
cg05450236	GSTO2	0.0162956	0.188332	0.779532	-1.28282	0.0528761	0.674929	-1.48164	0.0034163	0.49124	-2.03567	0.00786805	0.543753	-1.83907	0.0202228	0.606314	-1.64931	0.0235473	0.616791	-1.62129	0.239362	1.24626	1.24626	0.0857254	0.712237	-1.40403	0.0612369	0.686019	-1.45769	5.04019	2.54845	0.449445	1
cg03390723	GSTO2	0.0321537	0.0123228	5.06141	5.06141	0.199625	2.02406	2.02406	0.138219	2.2945	2.2945	0.583501	1.3339	1.3339	0.170187	2.13853	2.13853	0.992403	0.995058	-1.00497	0.714139	0.825778	-1.21098	0.376205	1.60404	1.60404	0.00115478	11.9948	11.9948	3.98703	17.0965	3.81159	1
cg02105002	GSTO2;GSTO2	0.000511212	0.000239562	22.7405	22.7405	0.899747	1.0669	1.0669	0.769038	0.859601	-1.16333	0.842856	1.10736	1.10736	0.663159	0.798375	-1.25254	0.0261521	0.257756	-3.87964	0.919924	1.05302	1.05302	0.635859	1.27771	1.27771	2.31E-05	77.4634	77.4634	14.2028	59.3834	3.71652	1
cg06776915	GSTO2;GSTO2	0.00121264	0.0014547	10.0374	10.0374	0.614241	0.775016	-1.2903	0.365395	0.627266	-1.59422	0.29633	1.72122	1.72122	0.187631	2.01431	2.01431	0.0736903	0.367924	-2.71795	0.929188	1.04558	1.04558	0.477933	1.43594	1.43594	3.60E-05	54.2648	54.2648	11.1384	44.3647	3.54048	1
cg08402107	GSTO2;GSTO2	0.00144133	0.0245124	1.85757	1.85757	0.3894	0.815568	-1.22614	0.910106	1.02645	1.02645	0.177358	0.717938	-1.39288	0.930162	0.979943	-1.02047	0.935877	1.01877	1.01877	0.0258971	1.84283	1.84283	0.902679	1.02868	1.02868	2.37E-05	7.02958	7.02958	10.6006	8.96932	0.752104	1
cg15410903	GSTO2;GSTO2	0.00333978	0.00367375	9.2964	9.2964	0.728855	0.820729	-1.21843	0.348065	0.577832	-1.73061	0.591085	0.734984	-1.36057	0.198769	2.16179	2.16179	0.594222	0.736934	-1.35697	0.715744	0.812514	-1.23075	0.528479	0.695903	-1.43698	9.77E-05	50.9438	50.9438	8.2891	42.3113	4.53729	1
cg05244766	GSTP1	3.15E-06	?	?	?	0.294509	0.849929	-1.17657	0.00073528	0.464343	-2.15358	0.119637	0.776821	-1.2873	1.29E-06	0.155738	-6.42103	4.25E-06	0.204011	-4.9017	3.12E-06	0.190943	-5.23718	2.68E-06	0.1846	-5.41712	0.000152944	0.378712	-2.64053	56.1387	17.6771	0.314882	1
cg08925882	GSTP1	4.49E-06	1.60E-06	0.0921714	-10.8494	0.00254567	0.437796	-2.28417	0.023677	0.586946	-1.70373	0.00015289	0.277812	-3.59955	1.30E-06	0.0863093	-11.5862	9.27E-06	0.151137	-6.61653	8.48E-06	0.147733	-6.76896	1.18E-05	0.160653	-6.22461	0.00159901	0.409334	-2.44299	49.9018	30.7554	0.547839	1
cg14921275	GSTP1	5.49E-05	2.80E-05	0.463897	-2.15565	0.00511385	0.708492	-1.41145	0.00231178	0.672636	-1.48669	0.0377148	0.798891	-1.25174	3.28E-06	0.358886	-2.7864	0.000453977	0.597659	-1.6732	0.00831942	0.730359	-1.36919	7.54E-05	0.512173	-1.95246	0.00968339	0.737179	-1.35652	25.9687	3.56932	0.122175	1
cg14567424	GSTP1	0.00209907	0.87771	0.963202	-1.0382	0.125326	0.667685	-1.49771	0.000242037	0.228034	-4.3853	0.886067	0.965694	-1.03552	0.187061	1.40564	1.40564	0.515799	0.851771	-1.17402	0.000178499	0.213153	-4.69146	0.220476	0.730769	-1.36842	0.061043	0.598084	-1.672	9.50689	8.92653	0.834626	1
cg25866895	GSTP1	0.0028903	0.00212516	0.187457	-5.33454	0.000710877	0.135424	-7.38424	0.0018193	0.179345	-5.57585	0.509417	0.771444	-1.29627	0.00191469	0.181985	-5.49496	0.0816103	0.473154	-2.11348	0.00544392	0.242239	-4.12815	0.0282785	0.366369	-2.72949	0.0331082	0.380618	-2.6273	8.65325	20.6033	2.11643	1
cg25135322	GSTP1	0.00585801	0.00382019	0.276454	-3.61724	0.00540123	0.299025	-3.3442	0.0056338	0.301856	-3.31284	0.0222714	0.405312	-2.46723	0.000507023	0.166789	-5.9956	0.221478	0.654655	-1.52752	0.0469649	0.472545	-2.1162	0.155219	0.605674	-1.65105	0.0657178	0.50621	-1.97546	6.99061	12.0319	1.52991	1
cg19114214	GSTP1	0.0110088	0.0798	0.609795	-1.6399	0.335249	0.776601	-1.28766	0.0027916	0.350441	-2.85354	0.0457479	0.558382	-1.79089	0.0562699	0.576947	-1.73326	0.0366326	0.539105	-1.85492	0.00142631	0.309157	-3.2346	0.182789	1.4329	1.4329	0.427498	0.813732	-1.22891	5.73104	5.87586	0.911351	1
cg06841499	GSTP1	0.0129143	0.437008	0.808838	-1.23634	0.0720063	0.584293	-1.71147	0.00306135	0.337843	-2.95996	0.983929	1.0054	1.0054	0.230001	0.713918	-1.40072	0.825642	1.06081	1.06081	0.000563695	0.239245	-4.17982	0.858515	1.0489	1.0489	0.617181	0.873854	-1.14436	5.44188	6.17061	1.00792	1
cg23725454	GSTP1	0.0214546	0.0419141	0.277678	-3.6013	0.0850416	0.353229	-2.83102	0.00135611	0.0786879	-12.7084	0.355118	0.594611	-1.68177	0.0242376	0.230377	-4.3407	0.243473	0.513277	-1.94827	0.00641431	0.144012	-6.94388	0.0802445	0.346281	-2.88783	0.219635	0.493913	-2.02465	4.59328	21.7258	4.20437	1
cg09657136	GSTP1	0.0295973	0.00265619	0.592391	-1.68807	0.858281	0.977738	-1.02277	?	?	?	0.423797	0.902217	-1.10838	0.0106156	0.667148	-1.49892	0.0497239	0.7543	-1.32573	0.906766	1.01487	1.01487	0.0980259	0.795639	-1.25685	0.76254	1.03891	1.03891	4.17573	0.932719	0.223367	1
cg00087182	GSTT2B;GSTT2	0.00820331	0.422535	1.12405	1.12405	0.00043953	2.20907	2.20907	0.0529509	1.36882	1.36882	0.925858	0.986802	-1.01337	0.00238974	1.82975	1.82975	0.662887	0.939309	-1.06461	0.84188	0.971893	-1.02892	0.120893	1.27136	1.27136	0.598618	0.926983	-1.07877	6.2942	2.03103	0.286829	1
cg01477908	GSTTP2	6.73E-05	0.0102187	0.765095	-1.30703	0.146562	0.879103	-1.13752	4.53E-06	0.418371	-2.39022	0.419388	0.934052	-1.0706	4.31E-05	0.526092	-1.90081	0.946635	1.00555	1.00555	0.0113659	1.29957	1.29957	0.00825503	0.756286	-1.32225	0.000536363	0.640569	-1.56111	24.607	2.66479	0.0962612	1
cg15561986	GSTZ1;GSTZ1;POMT2;GSTZ1	3.27E-05	0.0107318	0.769895	-1.29886	9.68E-07	2.86453	2.86453	0.511469	1.05582	1.05582	0.780809	1.02301	1.02301	0.517477	1.05498	1.05498	0.0135174	1.28317	1.28317	0.001786	0.695862	-1.43707	0.176129	0.889311	-1.12447	0.000584697	1.54269	1.54269	29.778	3.13743	0.0936538	1
cg05011482	GSTZ1;GSTZ1;POMT2;GSTZ1;POMT2	0.00659627	0.00815655	1.81245	1.81245	0.0312416	0.641533	-1.55877	0.123909	0.746292	-1.33996	?	?	?	0.481142	0.881826	-1.13401	0.0123922	0.578849	-1.72757	0.0571267	1.45937	1.45937	0.0123121	1.72884	1.72884	0.262216	0.81439	-1.22791	6.87943	2.98728	0.434234	1
cg02181287	GSTZ1;POMT2;GSTZ1	0.0485705	0.735249	0.907329	-1.10214	0.257772	0.712923	-1.40268	0.305948	1.3549	1.3549	0.00187283	3.53886	3.53886	0.365983	0.766337	-1.30491	0.618184	1.15486	1.15486	0.214801	0.68786	-1.45378	0.425478	1.26262	1.26262	0.241337	1.4211	1.4211	3.42562	4.45441	1.15584	1
cg13836474	GSTZ1;POMT2;GSTZ1;GSTZ1	0.00148352	0.00379808	0.548228	-1.82406	0.000170013	0.373698	-2.67596	0.715033	1.05808	1.05808	0.127584	1.28872	1.28872	0.0879894	0.748358	-1.33626	0.000347804	0.412467	-2.42443	0.0565008	0.717193	-1.39432	0.190831	0.807954	-1.23769	0.417894	0.880341	-1.13592	10.513	3.94639	0.333674	1
cg10071824	GSX1	0.00368422	0.376371	1.10163	1.10163	0.0749116	0.809377	-1.23552	0.0251221	1.32846	1.32846	0.0121559	1.39547	1.39547	0.0695796	1.2416	1.2416	0.346226	0.901744	-1.10896	0.939127	0.99189	-1.00818	0.000156514	1.99356	1.99356	0.0813353	1.22876	1.22876	8.04912	1.44921	0.160041	1
cg03388293	GSX1	0.0292714	0.530048	0.946744	-1.05625	0.289911	1.09911	1.09911	0.965352	1.00374	1.00374	0.59853	0.955319	-1.04677	0.952454	1.00514	1.00514	0.25226	0.902227	-1.10837	0.00073448	0.643156	-1.55483	0.457355	1.06728	1.06728	0.175127	1.13208	1.13208	4.12262	0.483267	0.104198	1
cg14686113	GSX2	0.00548777	0.387179	0.749148	-1.33485	0.983761	1.00665	1.00665	0.761878	1.10409	1.10409	0.846332	0.938736	-1.06526	0.053794	0.48994	-2.04107	0.180531	1.58935	1.58935	7.90E-05	0.0977641	-10.2287	0.684527	0.875379	-1.14236	0.295279	0.702115	-1.42427	7.13243	11.9933	1.49468	1
cg25458630	GSX2	0.00790677	0.174918	0.781425	-1.27971	0.0992206	0.734223	-1.36198	0.604553	0.914567	-1.09341	0.229451	0.806083	-1.24057	0.0942731	0.730189	-1.36951	0.582497	0.909456	-1.09956	0.00010088	0.307832	-3.24853	0.0683335	0.705482	-1.41747	0.72734	1.06166	1.06166	6.36758	2.94694	0.411382	1
cg20367712	GSX2	0.012595	0.023945	4.65848	4.65848	0.00724599	7.23428	7.23428	0.156863	2.37461	2.37461	0.970344	1.02146	1.02146	0.0829684	2.99357	2.99357	0.0317653	4.21096	4.21096	0.00120866	14.9871	14.9871	0.00816373	6.9147	6.9147	0.0913789	2.89177	2.89177	5.4865	28.3475	4.59269	1
cg06500120	GSX2	0.0303625	0.232476	0.862988	-1.15877	0.00752695	1.49892	1.49892	0.611906	1.06206	1.06206	0.115661	0.817699	-1.22294	0.420188	0.907627	-1.10177	0.0214807	0.72247	-1.38414	0.0834703	0.798137	-1.25292	0.127565	0.823738	-1.21398	0.304238	1.1334	1.1334	4.06942	0.892626	0.194977	1
cg10248878	GSX2	0.0440027	0.120959	1.78738	1.78738	0.00496399	3.61302	3.61302	0.0293809	2.42565	2.42565	0.942024	0.975194	-1.02544	0.284826	1.46766	1.46766	0.0264664	2.48101	2.48101	0.0527301	2.1393	2.1393	0.0879646	1.91613	1.91613	0.65405	0.855746	-1.16857	3.55519	6.71541	1.67903	1
cg18072802	GSX2;GSX2	0.0404436	0.148385	0.783063	-1.27704	0.938883	1.01217	1.01217	0.184317	0.800807	-1.24874	0.282224	1.19276	1.19276	0.29286	0.841867	-1.18784	0.211049	0.812319	-1.23104	0.00230108	0.510686	-1.95815	0.646715	1.07551	1.07551	0.105778	1.32142	1.32142	3.6682	1.44558	0.350298	1
cg19303849	GTDC1	0.00616747	0.135218	0.783402	-1.27648	0.070759	1.35811	1.35811	0.173022	1.24584	1.24584	0.0141497	0.631932	-1.58245	0.044077	1.42006	1.42006	0.413404	0.880943	-1.13515	0.000502802	0.438375	-2.28115	0.98968	1.00196	1.00196	0.391846	0.875472	-1.14224	6.88039	2.50431	0.323537	1
cg07780074	GTDC1	0.00872209	0.701836	1.0684	1.0684	0.013261	1.69541	1.69541	0.143872	0.763312	-1.31008	0.0115348	1.72187	1.72187	0.0136714	0.59182	-1.6897	0.363308	1.17433	1.17433	0.275502	0.822728	-1.21547	0.00803951	1.79329	1.79329	0.0491999	1.47132	1.47132	6.17345	2.89266	0.416502	1
cg11540341	GTDC1	0.00937052	0.0494513	3.04069	3.04069	0.0141846	4.48629	4.48629	0.38809	1.55084	1.55084	0.00832106	5.32847	5.32847	0.140012	0.454926	-2.19816	0.228442	1.87204	1.87204	0.409394	0.658024	-1.5197	0.00105487	11.0581	11.0581	0.0674664	2.76297	2.76297	6.03451	23.5164	3.464	1
cg25754755	GTDC1	0.0410362	0.541255	0.755594	-1.32346	0.00418076	5.69167	5.69167	0.00667611	4.92709	4.92709	0.304467	0.617598	-1.61917	0.393672	1.48577	1.48577	0.983275	0.990546	-1.00954	0.941727	0.967414	-1.03368	0.954642	1.02611	1.02611	0.205136	1.83271	1.83271	3.64855	11.866	2.89089	1
cg17717588	GTDC1;GTDC1	0.0259715	0.144636	1.29957	1.29957	0.0362298	0.665471	-1.5027	0.0331755	0.659396	-1.51654	0.841693	0.967109	-1.03401	0.487322	1.12526	1.12526	0.531741	0.899484	-1.11175	0.0028074	1.99082	1.99082	0.869584	0.972893	-1.02786	0.645028	0.925354	-1.08067	4.29972	1.90462	0.393746	1
cg22515303	GTDC1;GTDC1	0.0425099	0.569388	0.914057	-1.09402	0.190929	1.24162	1.24162	0.269096	1.19706	1.19706	0.519703	0.903038	-1.10737	0.00215213	0.509993	-1.96081	0.764266	0.954087	-1.04812	0.18816	1.2435	1.2435	0.134105	1.28721	1.28721	0.6615	1.07128	1.07128	3.60116	1.39292	0.34382	1
cg18406255	GTDC1;GTDC1;GTDC1	0.00129539	0.0631178	0.692733	-1.44356	0.00258108	0.480159	-2.08264	0.867502	0.971101	-1.02976	0.193554	0.785361	-1.2733	0.000327554	0.360818	-2.77148	0.264794	0.815368	-1.22644	0.000159713	0.322034	-3.10527	0.11498	1.35122	1.35122	0.0243249	0.624136	-1.60222	10.9302	5.33941	0.434224	1
cg03435698	GTDC1;GTDC1;GTDC1	0.00211083	0.0498193	0.365414	-2.73662	0.00039391	0.217857	-4.59017	0.0166196	0.454075	-2.20228	0.268376	0.732578	-1.36504	0.00946607	0.411663	-2.42917	0.691011	1.11388	1.11388	0.00282356	0.329477	-3.03511	0.150476	1.15151	1.15151	0.00238647	0.349029	-2.8651	9.49139	10.953	1.02577	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Error
cg20213116	GTDC1;GTDC1;GTDC1	0.0033447	0.002022	0.309578	2.2302	0.03044437	0.943092	-2.91467	0.0004075	0.352993	2.832292	0.90663	0.968897	-1.0321	0.003877686	0.260968	-3.83189	0.168736	0.673748	-1.49424	0.00374914	0.3486515	-2.88449	0.408125	0.796247	-1.25588	0.0214503	0.475166	-2.10453	0.1497	9.35993	1.02089	1
cg21346980	GTDC1;GTDC1;GTDC1	0.00486938	0.232816	1.18802	1.18802	0.0510409	0.736373	-1.35801	0.00856683	0.63014	-1.58695	0.00821148	0.627719	-1.59307	0.1152997	0.7899518	-1.26589	0.259909	0.850584	-1.17566	0.00282507	0.176181	1.76181	0.166061	1.225514	1.22554	0.0263114	0.695704	-1.43739	7.39089	2.22186	0.2669559	1
cg21945289	GTDC1;GTDC1;GTDC1	0.00768084	0.0334869	0.638167	-1.56599	0.00121891	0.424945	-2.35324	0.00120378	0.4242211	-2.35732	0.465169	1.14384	1.14384	0.8401197	0.9641555	-1.03718	0.0776442	0.701462	-1.42559	0.169519	1.3029	1.3029	0.2893661	0.819679	-1.21999	0.4276325	0.863784	-1.1577	6.42583	3.32688	0.4602209	1
cg27590097	GTDC1;GTDC1;GTDC1	0.00873969	0.00237923	0.385727	-2.59251	0.01392262	0.505031	-1.98251	0.8314944	1.04909	1.04909	0.690938	0.69284	-1.58158	0.872019	0.9645149	-1.03692	0.5812294	0.882261	-1.13345	0.0193844	1.88852	1.88852	0.0248148	1.82393	1.82393	0.1289353	1.21943	1.21943	0.16951	4.94183	0.7120308	1
cg21520203	GTDC1;GTDC1;GTDC1	0.0212337	0.07604046	0.514427	-1.94391	0.0365922	0.440585	-2.26637	0.0121284	0.348976	-2.86553	0.0419233	0.453593	-2.20462	0.0182001	0.3803113	-2.62941	0.0388673	0.446697	-2.23866	0.0372273	0.486599	1.86599	0.0379623	0.444256	0.6955067	8.30098	1.60073	1
cg12311936	GTDC1;GTDC1;GTDC1;GTDC1	0.00124518	0.00468676	0.462847	-2.16594	0.0347475	0.603863	-1.656	0.000892089	0.3632407	-2.68342	-2.75294	0.299473	-2.24655	0.0019535	0.1837127	-2.58307	0.1524	0.730399	-1.36912	0.000580386	0.336023	-2.97599	0.0457815	1.59884	1.59884	0.0178602	0.554307	-1.80405	11.0545	7.35361	0.5913302	1
cg26957914	GTF2A1;GTF2A1	3.81E-05	0.262794	0.857195	-1.1666	0.533292	0.920096	-1.08684	0.0929554	0.783527	-1.27628	0.0106978	0.654802	-1.52718	0.000346787	0.4678882	-2.13729	9.52E-07	0.18144	-5.51145	0.106517	1.26189	1.26189	0.00173478	1.80326	1.80326	0.597621	0.932113	-1.07283	28.5573	7.87838	0.245227	1
cg24094174	GTF2A1;GTF2A1	0.000157803	?	?	?	0.0147898	0.228218	2.202878	0.0402345	2.3459	2.3459	0.1553949	0.779276	-1.28404	0.000173435	0.186637	-5.15799	0.000116395	0.168663	-5.91936	0.0510885	1.77884	1.77884	0.00306745	2.0041	2.0041	0.9081	0.0189507	2.11313	2.11313	20.0819	19.6206	0.9760155	1
cg14410738	GTF2A1;GTF2A1	0.00799874	0.230022	0.771732	-1.29579	0.298113	0.724889	-1.24804	0.03354501	0.225513	2.255513	0.755	0.697623	-1.06653	0.6425426	0.955565	1.0465	0.0352703	0.165614	1.65614	0.0211551	1.76885	1.76885	0.000680004	2.91055	2.91055	0.2938388	1.2483	1.2483	1.34446	4.25386	0.5959586	1
cg23514174	GTF2A1;GTF2A1	0.0113998	0.261671	1.46224	1.46224	0.0136575	0.3715	-2.69179	0.00247851	0.255249	-3.91775	0.921834	0.968641	-1.03237	0.00199701	0.242567	-4.12256	0.441448	1.29022	1.29022	0.188785	0.636365	-1.57142	0.125693	0.583952	-1.71247	0.331063	0.722122	-1.38481	5.66687	9.45801	1.48356	1
cg12965202	GTF2A1;GTF2A1	0.0146379	0.179722	0.622405	-1.60607	0.0183152	0.44884	-2.54901	0.0350622	0.52876	-1.89122	0.0122897	0.47394	-2.10983	0.0133706	0.4178	-2.39321	0.27405	0.941613	-1.06205	0.0790541	2.95405	2.95405	0.0943813	1.07445	1.07445	0.1385518	1.588211	1.70007	5.22268	9.91932	1.5589	1
cg01724067	GTF2A1;GTF2A1	0.0258052	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.2265005	0.68709	-1.4469	0.0466087	2.05319	?	?	?	?	0.0399537	3.46622	1.34662	14.5531	7.26447	0.2995011	1
cg23939505	GTF2A1;GTF2A1	0.02608935	0.0235803	0.676722	-1.47771	0.00984621	0.598602	-1.67056	0.617623	1.08239	1.08239	0.1167963	0.788423	-1.26815	0.161053	0.790108	-1.26551	0.0638136	0.720556	-1.38782	0.103591	0.7953782	1.33153	0.1497	1.27501	1.27501	0.181257	1.25014	1.25014	1.37939	1.48537	0.3448137	1
cg04293460	GTF2A1;GTF2A1	0.0485747	0.130773	0.433833	-2.30503	0.0163469	0.222626	-4.49184	0.597029	1.31397	1.31397	0.5104018	0.52358	2.13158	0.094629	0.39054	-2.56056	0.2790141	0.562125	-1.77896	0.519488	0.7276553	-1.37428	0.825564	0.893118	-1.1196	0.795083	1.14248	1.14248	3.42551	14.2102	3.6874	1
cg08043233	GTF2A1;GTF2A1;GTF2A1	0.00165297	0.00565504	0.489666	-2.24221	0.929902	1.01745	1.01745	0.0109638	0.533787	-1.87334	0.100949	1.40865	0.387253	1.19039	1.19039	-1.68	0.502618	1.14116	1.14116	0.00541147	2.88	2.88	0.00015547	2.44628	2.44628	0.2310723	0.771561	-1.29607	10.1901	6.24121	0.544424	1
cg07875335	GTF2A1;GTF2A1;GTF2A1;GTF2A1	0.0172443	0.915197	1.0311	1.0311	0.357953	1.30631	1.30031	0.0120138	0.2680807	-1.72999	0.831999	1.06073	0.0784854	0.583129	1.72032	1.72032	0.4817092	0.82005	-1.2195	0.72299	0.905807	-1.10399	0.0108173	1.43129	1.43129	0.4134124	0.58288	0.857329	-1.16647	0.49581	0.5037	1.08441	1
cg00493304	GTF2A1;GTF2A1;GTF2A1;GTF2A1	0.00142436	0.389708	1.41703	1.41703	0.00115682	0.60378	0.60378	0.000722683	0.130824	-7.64386	0.10258	2.02663	2.02663	0.02292247	2.93334	2.93334	0.347259	1.46627	1.46627	0.000969992	6.97029	6.97029	0.04086441	2.54315	2.54315	0.329567	1.48869	1.48869	10.6367	26.344	2.20152	1
cg25569480	GTF2A1;STON1-GTF2A1;STON1-GTF2A1	0.00534735	0.0853475	0.8091	1.0517	0.0200936	0.564012	-1.77295	0.0003036886	0.2700747	0.272433	-3.67066	0.22444	-4.77437	-1.29136	0.909547	0.977901	-1.02348	0.529928	1.1389	1.1389	0.0470046	1.5906	1.5906	0.296468	1.24738	1.24738	0.8073898	1.026556	1.026556	1.83937	4.74759	0.5869889	1
cg16587066	GTF2A1;STON1-GTF2A1;STON1-GTF2A1	0.0100971	0.706549	0.08187	1.08897	0.585112	0.889397	-1.12408	0.003364886	0.327823	-1.05043	0.3739881	1.224414	-1.61426	0.263573	1.2812	1.2812	0.0128054	0.92971	1.32971	0.0541093	1.59168	1.59168	0.3883105	1.20682	1.20682	0.864106	0.995774	-1.00424	5.80237	4.21878	0.6364121	1
cg02470697	GTF2A1;STON1-GTF2A1;STON1-GTF2A1	0.0122554	0.97076	1.01884	1.01884	0.2519065	1.83953	1.83953	0.00181121	0.1045512	-9.56824	0.601985	1.3073	1.3073	0.8417755	1.10714	1.10714	0.8038316	0.880956	-1.13513	0.0487824	1.34549	1.34549	0.120063	2.36024	2.36024	0.2889137	1.75168	1.75168	3.98253	16.3565	3.65073	1
cg05972386	GTF2A1;STON1-GTF2A1;STON1-GTF2A1	0.045191	0.1340802	1.84409	1.84409	0.0096747	0.6744	0.6744	0.0004179	0.0744	-3.01691	0.0439178	2.4462	2.4462	0.0780015	2.630772	2.63077	0.0945449	2.03381	-2.03381	0.170908	1.74308	1.74308	0.0013977	1.68637	1.68637	0.881843	1.059141	1.059141	0.51988	8.31939	2.10093	1
cg26162813	GTF2A1;GTF2A1L;GTF2A1L;GTF2A1L;GTF2A1L	0.00494208	0.772082	0.941034	-1.06266	0.316682	1.24187	1.24187	0.000200493	0.270872	-3.69179	0.476822	1.16343	1.16343	0.372247	1.21131	1.21131	0.199128	1.32832	1.32832	0.0102812	1.96749	1.96749	0.147006	1.38382	1.38382	0.779836	0.943045	-1.06039	7.36474	5.10767	0.616471	1
cg14422338	GTF2A2	1.27E-05	3.30E-07	0.161024	-6.21026	0.425251	0.90462	-1.10544	0.00119519	0.55735	-1.79421	0.342989	0.886681	-1.1278	0.01208881	0.680313	-1.46991	0.0154583	0.693674	1.4416	0.00265183	0.598569	-1.67065	0.375582	0.894088	-1.11846	4.32E-06	0.270976	-3.69036	38.1181	5.14958	0.213362	1
cg16270148	GTF2A2	0.00128026	0.00039307	0.256199	-3.90321	0.217505	1.36731	1.36731	0.669109	0.901525	-1.10923	0.80665	1.06291	1.06291	0.785056	0.916191	-1.06816	0.4261	1.21649	1.21649	0.00343824	0.249197	-4.01289	0.511143	1.17434	1.17434	0.00071919	0.289043	-3.45969	0.1967	10.0998	0.818604	1
cg27227643	GTF2A2	0.00469792	0.187381	1.23593	1.23593	0.0172121	0.976838	1.02342	0.0004164	0.1609	-6.21618	0.791585	1.36011	0.7844801	1.11448	1.11448	0.8257202	0.1644	0.91909	-1.08777	0.0215209	1.48529	1.48529	0.0033533	1.64044	1.64044	0.0263663	1.40287	1.40287	0.1245	2.51485	0.2088893	1
ch.15.8257227	GTF2A2	0.022514	0.0199786	0.758214	-1.31889	0.00506178	0.693971	-1.44098	0.366544	0.912617	-1.09575	0.6694467	0.818585	-1.22162	0.00248339	0.660676	1.5136	0.238464	0.88541	-1.12942	0.600478	1.05347	1.05347	0.09265595	0.833275	-1.20008	0.740366	0.967752	-1.03332	4.51796	0.6952332	0.136784	1
cg19188572	GTF2A2	0.0242604	0.0367027	0.411651	-2.42973	0.1746142	0.525272	1.90372	0.8324376	1.07245	1.07245	0.1709111	0.844466	1.18384	0.0932413	1.207349	0.8291788	0.2231564	0.6338	-1.57781	0.0344891	2.049172	2.049172	0.4103	0.4509439	2.45034	2.45034	0.2117362	0.426564	2.34277	0.2366	8.456727	1.789977	1
cg17563769	GTF2A2	0.0403162	0.841965	0.67663	1.07663	0.229512	1.59154	1.59154	0.382379	1.39282	1.39282	0.137918	1.180552	1.180552	0.6181536	0.830838	1.20427	0.655074	0.846792	1.18093	0.541749	0.795768	-1.25665	0.00121708	0.735093	-1.76062	0.958016	1.01966	1.01966	3.67246	7.95625	1.92574	1
cg10430205	GTF2B	0.00011381	0.555977	0.83784	-1.19349	6.18E-06	0.049629	20.15	0.00279979	0.29424	-3.39858	0.00576287	0.34144	-2.92877	0.00203287	0.274706	-3.64025	0.0014439	0.254731	-3.9257	0.000176361	0.1512159	-6.61116	0.00036682	0.1836532	-5.44567	0.000553219	0.20149	-4.91424	21.4084	29.90176	1.24178	1
cg13868361	GTF2B	0.00854458	0.0449602	0.575373	-1.73764	0.0286838	0.728	1.37375	-1.61931	0.0003502	0.442083	-2.37751	0.914499	1.10778	1.10778	0.7115025	0.9027	0.0026207	0.367462	-2.72107	0.0204257	0.2201325	-4.54076	0.0030179	0.2274126	-4.39755	0.0042579	0.2351025	-4.25331	-4.53876	0.0530736	0.589902	-1.69581	0.813396	1
cg14010405	GTF2B	0.00062882	0.020879	0.362887	-2.75568	0.00199464	0.101685	-9.83429	0.0335263	0.404347	-2.47313	0.667129	0.854056	-1.17088	0.00112459	0.174064	-5.745	0.00077197	0.15629	-6.39836	0.000316168	0.119136	-8.39375	0.04164456	0.424473	-2.35444	0.140271	0.28272	-3.53715	1.87145	1.38	0.2435	1
cg07133065	GTF2B	0.00584226	0.36941	1.37626	1.37626	0.0731978	0.916438	1.14446	0.0015139	0.2978585	-3.36011	0.7443801	1.114484	1.114484	0.5007152	1.116464	1.116464	0.3101111	0.7981	-1.25309	0.0514811	1.366782	1.366782	0.1360027	1.36027	1.36027	0.4642262	0.780098	1.28189	1.28189	0.1423037	1.28189	0.2	1
cg17811845	GTF2B	0.0108618	0.150687	0.572353	-1.74717	0.000268501	0.114642	-8.7228	0.160927	0.581296	-1.72029	0.223409	1.58951	1.58951	0.395084	1.371	1.371	0.230137	0.633745	-1.57792	0.181665	0.598316	-1.67136	0.070172	0.480291	-2.08207	0.650252	1.17982	1.17982	5.7559	11.9641	1.84763	1
cg09222123	GTF2B	0.0254741	0.0171592	0.651719	-1.5344	0.325224	0.860927	-1.16154	0.0108771	0.60211	1.60211	0.669631	0.96531	1.06531	0.293797	0.8516699	-1.17412	0.12085	0.780382	-1.28142	0.0245611	0.674071	-1.48352	0.817443	1.03467	1.03467	0.130313	1.27235	1.27235	1.42882	1.48973	0.305904	1
cg11566152	GTF2B	0.0413473	0.105193	0.344418	-2.90104	0.479964	1.54366	-1.54366	0.272832	0.502865	-1.98861	0.102801	0.904496	-1.10564	0.233509	0.4894252	-2.04273	0.1044444	0.342503	-2.91969	0.00241896	0.0780828	-12.8069	0.19216	0.2544606	-3.93045	0.0244156	-2.30108	0.113272	0.353305	-2.83041	0.63837	21.0006	5.13064	1
cg14763173	GTF2E1	0.0474515	0.120739	1.53465	1.53465	0.0240779	0.504206	-1.98332	0.471753	0.830018	-1.20479	0.860782	1.04569	1.04569	0.458939	1.21159	1.21159	0.225834	1.38225	1.38225	0.0051826	2.55796	2.55796	0.40597	1.24158	1.24158	0.291302	1.32142	1.32142	3.45593	3.54563	0.911959	1
cg27090191	GTF2E1;GTF2E1;RABL3	0.0034319	0.0143429	0.641245	-1.55966	0.137709	0.725269	1.35284	0.75161	0.97016	1.07269	0.107269	0.851754	1.07269	0.0012988	1.351754	2.8482202	0.0027663	0.0133656	5.573383	0.0001772	1.721821	2.08607	0.0213464	1.55037	1.55037	0.028779	1.78254	1.78254	1.82183	3.6588	0.6089993	1
cg14871856	GTF2F2	0.00209981	0.0870186	1.23039	1.23039	0.576005	1.06384	1.06384	0.00137791	1.66359	1.6635	0.53225	0.932948	-1.07187	0.402844	0.3119751	1.58953	0.342224	1.11334	1.11334	0.138611	0.839532	-1.19114	0.00115523	1.68845	1.68845	0.009077897	1.71255	1.71255	5.50591	8.1281	0.169448	1
cg16873385	GTF2F2	0.00711675	0.00335461	0.387994	-2.57736	0.2145347	0.733474	-1.36337	0.68188	0.906858	-1.10271	0.149274	0.692924	-1.44316	0.000227189	0.2337	-4.279	0.0783564	0.628838	-1.59023	0.1941511	0.722115	-1.38482	0.8295915	1.05246	1.05246	0.0267928	0.536685	-1.86329	6.58107	5.8654	0.792225	1
cg20589207	GTF2F2	0.0084601	0.549161	1.40429	1.40429	0.0111606	0.741511	-1.3451	0.4853695	0.8945	-1.11769	0.2994668	0.751913	-1.33089	0.0001466	0.1178	-8.4866	0.1516513	0.806311	-1.24022	0.0004164515	0.3650653	-2.73925	0.0938784	0.750604	-1.33226	0.164161	1.26008	1.26008	6.14194	2.35906	0.434414	1
cg02667880	GTF2F2	0.0132174	0.0174602	0.74881	1.74881	0.257625	0.795961	-1.25634	0.214791	0.777041	-1.28693	0.0190936	0.729795	1.72975	0.940759	0.985745	1.01446	0.0383348	0.628992	-1.58894	0.774589	0.946044	-1.05703	0.0521854	1.53208	1.53208	0.0093494	1.52891	1.52891	4.80108	3.19195	0.525346	1
cg21708313	GTF2F2	0.0162504	0.0176259	0.648429	-1.54255	0.0396608	0.641315	1.56413	0.0013651	0.852295	-1.17468	0.1694718	0.823773	1.21473	0.223739	1.807173	1.807173	0.3505863	0.71175	-1.4052	0.0485906	0.8838376	1.13899	0.0220189	1.88091	1.88091	0.0076504	1.88091	1.88091	-1.62253	0.6664647	1.4889	0.4584339	1
cg18530729	GTF2F2	0.0325644	0.00658723	0.560313	-1.78472	0.342028	1.17437	1.17437	0.0881543	1.36197	1.36197	0.0797157	0.726668	-1.37614	0.266548	0.826912	-1.20932	0.2916044	0.835554	-1.19681	0.0246957	0.64461	-1.55133	0.209235	0.804688	-1.24272	0.0532431	0.697295	-1.43411	3.96894	1.69438	0.379475	1
cg08961299	GTF2F2;GTF2F2	0.0353873	0.0304581	0.216153	-4.62636	0.731491	1.16969	1.16969	0.0934668	0.451913	-2.35326	0.0934668	0.431913	-2.31548	0.0153402	0.815902	-1.24099	0.601867	0.786996	-1.27065	0.1466911	0.7242	-1.38095	0.5161416	0.88631	-1.12841	0.5868	1.5868	0.0108008	4.29153	4.29153	11.4104	2.91517	1
cg13634468	GTF2H1	0.00464134	0.0231424	0.20925	0.25	0.49158	0.51503	0.51503	0.148813	0.50388	0.5038	?	?	?	?	0.91625	1.10279	0.7225	?	?	?	?	1.34039	0.00305603	0.3838636	0.62538	0.0022468	0.7.33309	3.00022	7.1029	5.94271	0.956183	1
cg08685517	GTF2H1	0.0112751	0.269376	0.873086	-1.14536	0.0926621	1.244	1.244	0.984867	0.997765	-1.00224	0.226971	0.86099	-1.16145	0.4583017	1.0932	1.0932	0.00435712	0.63798	-1.56745	0.977165	1.00338	1.00338	0.0763749	0.79245	-1.26191	0.00233795	1.65089	1.65089	5.68703	1.25404	0.196007	1
cg23937860	GTF2H1	0.0187076	0.805309	1.05251	1.05251	0.0868935	1.1048	1.1048	0.0854	0.170522	1.56416	0.4808494	1.3338	1.3338	0.2034035	0.290152	1.44173	0.6747	0.88575	-1.1277	0.4808494	1.21743	1.21743	0.6479	1.15424	1.15424	0.3132598	0.7745916	1.34056	1.37285	5.68962	2.31051	1
cg25363317	GTF2F1;GTF2F1	0.00950401	0.169208	1.28255	1.22855	0.843345	0.972577	-1.0282	0.00184162	0.186191	1.86191	0.00587467	0.165974	1.65974	0.37428	1.13674	1.13674	0.688627	0.94962	-1.05824	0.647725	0.726198	-1.37703	0.198831	1.21024	1.21024	0.00851284	1.60303	1.60303	0.00739	1.87915	0.278051	1
cg12589600	GTF2F1;GTF2F1	0.0302161	0.149624	0.749152	-2.68429	0.64719	1.6445	1.6445	0.164405	0.74174	2.74174	0.877312	1.10804	1.10804	0.0549741	0.219985	-4.54576	0.22018	0.8405	-1.18981	0.3190	?	?	?	0.00583273	0.0609082	-14.3045	0.0145863	0.149698	-6.6801	5.16946	0.553581	0.443326	1
cg12113446	GTF2F2	0.00035092	0.00077961	0.390657	-2.55979	0.142424	0.7471	-1.31851	0.1814178	0.877336	-1.13981	0.000144457	0.298048	-3.35516	0.002502621	0.210776	-4.63726	0.04770229	0.657904	-1.51998	0.00016005	0.3030409	-3.29588	0.39298	0.8506	-1.17564	0.000405002	0.1016605	-2.82802	3.51907	1.7405	0.483178	1
cg01179769	GTF2F2	0.00152809	0.283542	1.14285	1.14285	0.0515736	0.579161	-1.72664	0.00229505	0.600034	-1.66657	0.235858	1.16052	1.16052	0.339221	1.1253	1.1253	0.06873521	0.276353	-3.61753	0.0145586	1.43425	1.43425	0.000598296	0.554605	-1.80309	0.218111	0.856196	-1.16796	10.4237	2.37102	0.20219	1
cg25939203	GTF2F2	0.00400467	0.61036	0.940408	-1.06351	0.7156	1.06453	1.06453	0.0812501	0.2804	-3.56651	0.00403	0.328447	1.03447	0.0884644	0.3777	-2.64773	0.1944	0.884604	-1.13042	0.2607905	0.4662	-2.14455	0.0188367	0.3966702	-2.52E-02	0.0972979	0.3941	-2.53733	0.0967805	0.0510815	0.2705511	1
cg07431982	GTF2F2	0.00425771	0.990337	0.997235	-1.00277	0.73611	1.08039	1.08039	0.0891108	1.53512	1.53512	0.141331	0.696418	-1.43592	0.000175826	0.233528	4.28213	0.00782733	0.458274	-2.1821	0.439244	1.19763	1.19763	0.028992	0.555184	-1.80121	0.30445	0.784175	-1.27523	7.70584	6.37792	0.73571	1
cg27090191	GTF2F2	0.0034319	0.0143429	0.641245	-1.55966	0.137709	0.725272	1.35284	0.75161	0.97016	1.07269	0.107269	0.851754	1.07269	0.0012988	1.351754	2.8482202	0.0027663	0.0133656	5.573383	0.0001772	1.721821	2.08607	0.0213464	1.55037	1.55037	0.028779	1.78254	1.78254	1.82183	3.6588	0.6089993	1
cg25057892	GTF2F2	0.00739322	0.307907	1.15219	1.15219	0.00077851	1.97864	1.97864	0.00422428	1.6722	1.6722	0.1200154	1.445754	1.445754	0.7126092	0.9514559	-1.05102	0.2114372	0.793758	-1.25983	0.196597	0.832551	-1.20113	0.9815558	1.00311	1.00311	0.837347	1.02157	5.50314	1.85562	0.253638	1
cg05878535	GTF2F2	0.00760735	0.00823469	0.175758	-5.68963	0.0106633	0.191764	-5.21474	0.0162429	0.220441	-4.53636	0.200745	0.498982	-2.00408	0.00207365	0.107473	-9.30467	0.01810194	0.228054	-4.38492	0.0025993	0.11691	-8.55357	0.931494	1.04522	1.04522	0.0336762	0.279107	-3.58286	6.44524	27.0143	3.72565	1
cg03872447	GTF2F2	0.0154043	0.0264638	0.711655	-1.40516	0.662274	1.23073	1.23073	0.6885	0.9145	-1.09356	0.7119752	1.13416	1.13416	0.4808494	1.21338	1.21338	0.2034035	0.290152	1.44173	0.6747	0.88575	-1.1277	0.4808494	1.21743	1.21743	0.3132598	0.7745916	1.34056	1.37285	5.68962	2.31051	1
cg22292462	GTF2F2	0.0353895	0.105232	1.74194	1.74194	0.0357843	0.464897	-2.15102	0.118748	0.588051	-1.70053	0.250392	0.686203	-1.4573	0.000933368	0.2134	-4.6853	0.0647563	0.521843	-1.91629	0.146941	1.62914	1.62914	0.11918	0.588478	-1.6993	0.938804	1.02437	1.02437	3.81666	5.9968	1.38394	1
cg00228858	GTF2F2	0.0181825	0.269036	0.875002	1.14291	0.0926831	1.24113	1.24113	0.0851104	0.25933	-3.85033	0.1153266	0.644752	-1.55098	0.001135364	0.1778	-5.62353	0.0423284	0.743605	-1.34509	0.0403668	2.41951	2.41951	0.0126436	0.740868	1.34997	0.0126436	1.45092	1.45092	3.21286	4.44843	0.4324695	1
cg06877486	GTF2F2	0.0383138	0.517159	-1.19437	1.19437	0.995819	1.00142	1.00142	0.265915	1.36825	1.36825	0.0157938	0.449409	-2.22515	0.201056	1.44081	1.44081	0.7117196	0.90451	-1.10557	0.020923	0.471625	-2.12033	0.0242239	0.483533	-2.06811	0.179781	1.47009	1.47009	3.74186	3.34396	0.529781	1
cg12623107	GTF2H1;GTF2H1	1.77E-06	1.03E-05	0.243454	-4.10756	4.10E-06	0.202268	-4.94395	4.17E-06	0.202097	-4.9274	0.00103333	0.483114	-2.0699	0.623653	0.667438	-1.49827	0.129479	0.782567	-1.27785	1.16E-07	0.0789392	12.668	0.00105	0.01878	1.13E-05	0.247529	-4.03994	63.3615	22.4762	0.315365	1
cg18905668	GTF2H1;GTF2H1	0.00182214

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08082507	GTF2IRD2P	0.0041606	0.872726	1.03332	1.03332	0.0192344	0.560466	-1.78423	0.0688772	0.659528	-1.51624	0.266138	0.789083	-1.26729	9.74E-05	0.242634	-4.12144
cg26994528	GTF2IRD2P	0.00496122	0.00227096	0.233562	-4.28152	0.474275	0.780464	-1.28129	0.264399	0.672856	-1.4862	0.0795402	0.51537	-1.94035	0.000713386	0.172835	-5.78585
cg07305263	GTF3A	0.00935332	0.0550906	0.808124	-1.23743	0.211223	1.13772	1.13772	0.194362	0.874163	-1.14395	0.799114	0.975329	-1.0253	0.357586	1.09711	1.09711
cg25877436	GTF3A	0.00939471	0.00351213	0.171697	-5.82421	0.00478469	0.188868	-5.29471	0.16464	0.516923	-1.93452	0.533493	0.755258	-1.32405	0.0063941	0.206135	-4.85118
cg25121227	GTF3A	0.0101895	0.0031779	0.15467	-6.46539	0.191707	0.527166	-1.89694	0.827221	1.10656	1.10656	0.0644478	0.382017	-2.61769	0.0240142	0.287341	-3.48019
cg01674679	GTF3A;GTF3A	0.00501728	0.297706	0.614	-1.62866	0.922013	0.956721	-1.04524	0.424235	1.44591	1.44591	0.91419	1.04991	1.04991	0.582502	0.778137	-1.28512
cg06878960	GTF3C1	0.000310492	0.111334	0.780457	-1.2813	0.0339379	0.701982	-1.42454	0.721262	0.950089	-1.05253	0.417656	1.12566	1.12566	5.13E-05	0.338401	-2.95507
cg06568506	GTF3C1	0.000377118	0.663443	0.925073	-1.081	0.0370857	1.53814	1.53814	0.0157134	1.69316	1.69316	0.808086	0.957638	-1.04424	0.00045302	0.374136	-2.67282
cg00671823	GTF3C1	0.00354114	0.00548023	0.209066	-4.78318	0.00235374	0.162254	-6.16317	0.0024656	0.164602	-6.07528	0.169981	0.534534	-1.87079	0.0160309	0.282741	-3.53681
cg05803810	GTF3C1	0.009556	0.625718	1.09322	1.09322	0.062405	1.46268	1.46268	0.305777	1.21198	1.21198	0.0216196	1.64887	1.64887	0.0125794	0.569699	-1.75531
cg01537687	GTF3C1	0.0130713	0.00646957	0.495383	-2.01864	0.276577	1.25175	1.25175	0.589691	0.897607	-1.11407	0.29949	1.23781	1.23781	0.0181278	0.565892	-1.76712
cg05835262	GTF3C1	0.0192405	0.841767	0.943854	-1.05949	0.421906	0.788857	-1.26766	0.686942	0.889476	-1.12426	0.534993	1.19918	1.19918	0.00418196	0.329773	-3.03239
cg01239870	GTF3C1	0.0194532	0.928612	0.976001	-1.02459	0.154683	1.51125	1.51125	0.00800321	0.398	-2.51256	0.819002	1.06411	1.06411	0.00692632	0.387771	-2.57884
cg07996615	GTF3C1	0.0211721	0.954083	1.00927	1.00927	0.00818938	1.72016	1.72016	0.0397708	1.46391	1.46391	0.063466	1.39734	1.39734	0.791375	1.04342	1.04342
cg02840535	GTF3C1	0.0301439	0.546883	1.51957	1.51957	0.00877979	9.88111	9.88111	0.0310933	5.6788	5.6788	0.222568	2.41026	2.41026	0.0360425	0.187574	-5.33123
cg01034813	GTF3C1	0.0341273	0.0382737	0.393765	-2.53958	0.304469	1.51104	1.51104	0.117686	0.517095	-1.93388	0.675664	0.849312	-1.17742	0.97745	1.01103	1.01103
cg03426194	GTF3C1	0.0402921	0.434921	1.48718	1.48718	0.377078	1.57074	1.57074	0.714535	1.20083	1.20083	0.539497	1.36271	1.36271	0.00115809	0.0927694	-10.7794
cg04125962	GTF3C1	0.0463943	0.595379	0.9238	-1.08248	0.00429982	0.568577	-1.75878	0.450223	0.892462	-1.1205	0.381458	1.14196	1.14196	0.108843	0.772132	-1.29512
cg04179668	GTF3C1;GTF3C1;KIAA0556	0.00283633	0.132229	1.97701	1.97701	0.0201378	0.308521	-3.24127	0.534698	1.30185	1.30185	0.937972	1.03319	1.03319	0.810668	0.904215	-1.10593
cg05300937	GTF3C1;KIAA0556	0.000178817	0.0867136	0.900371	-1.11065	1.22E-05	1.66902	1.66902	0.0748306	1.11635	1.11635	0.721689	1.02004	1.02004	0.00455816	1.23314	1.23314
cg25535106	GTF3C2;GTF3C2	0.000151098	0.00130137	0.376268	-2.65768	0.0381606	1.65121	1.65121	0.0114122	0.516428	-1.93638	0.00489462	0.459179	-2.1778	0.00352081	2.28392	2.28392
cg05106359	GTF3C2;GTF3C2	0.00273905	0.136998	0.896151	-1.11588	0.310857	1.07441	1.07441	0.978476	1.00185	1.00185	0.120793	0.891216	-1.12206	0.0181533	1.21697	1.21697
cg21939635	GTF3C3	0.000128073	5.39E-06	0.156838	-6.37602	0.0629047	1.45699	1.45699	0.213007	1.26606	1.26606	0.213034	1.26604	1.26604	0.0361245	0.645095	-1.55016
cg19160878	GTF3C3	0.00100427	0.23191	1.37409	1.37409	0.0933899	1.59641	1.59641	0.00477165	0.386883	-2.58476	0.0093044	0.433322	-2.30775	0.000191437	0.203364	-4.9173
cg26347007	GTF3C3	0.0351482	0.0351224	0.427737	-2.33789	0.0617125	0.482837	-2.07109	0.0315364	0.417921	-2.3928	0.36493	1.38003	1.38003	0.0602714	2.08165	2.08165
cg14275626	GTF3C4	0.0156408	0.0115252	0.188256	-5.31191	0.162023	0.45427	-2.20133	0.040247	0.285808	-3.49886	0.488226	1.45086	1.45086	0.000995258	0.0754491	-13.254
cg13986200	GTF3C4;GTF3C4;DDX31;DDX31	0.0083866	0.449578	1.32425	1.32425	0.944392	0.974894	-1.02575	0.647569	1.18266	1.18266	0.870587	0.942302	-1.06123	0.754019	1.1214	1.1214
cg14590912	GTF3C5;GTF3C5	0.00579683	0.0921062	0.623259	-1.60447	0.000303854	0.223855	-4.46718	0.160072	0.681996	-1.46628	0.539668	0.853565	-1.17156	0.0218679	0.495845	-2.01676
cg09095562	GTF3C5;GTF3C5	0.00761094	0.0171668	0.480934	-2.07929	0.0215053	0.498538	-2.00587	0.105332	0.640169	-1.56209	0.360158	0.788888	-1.26761	0.00839666	0.427993	-2.33649
cg13715010	GTF3C5;GTF3C5	0.00900905	0.00596382	0.349766	-2.85906	0.0236171	0.453972	-2.20278	0.0176254	0.430105	-2.32502	0.646221	1.1446	1.1446	0.00333809	0.311226	-3.21309
cg21191275	GTF3C5;GTF3C5	0.010336	0.010246	0.0532773	-18.7697	0.00630634	0.0398273	-25.1084	0.0635165	0.151016	-6.6218	0.0631448	0.150518	-6.64374	0.013421	0.062418	-16.021
cg06866628	GTF3C5;GTF3C5	0.0120886	0.0202438	0.535829	-1.86627	0.143037	1.42018	1.42018	0.0986251	1.49723	1.49723	0.00166708	0.367081	-2.72419	0.833666	1.04798	1.04798
cg14283710	GTF3C5;GTF3C5	0.0231673	0.153988	0.725504	-1.37835	0.145003	1.3897	1.3897	0.0530292	0.629864	-1.58765	0.141494	1.39433	1.39433	0.00881831	0.496035	-2.01599
cg14229207	GTF3C5;GTF3C5	0.0233028	0.268714	1.51792	1.51792	0.446485	1.32463	1.32463	0.917966	1.03803	1.03803	0.908445	0.959178	-1.04256	0.00121006	0.179628	-5.56705
cg13824242	GTF3C5;GTF3C5;GTF3C5;GTF3C5	0.0109087	0.0241984	0.694204	-1.4405	0.37522	1.13157	1.13157	0.298645	1.15756	1.15756	0.011443	0.650643	-1.53694	0.711386	0.950777	-1.05177
cg20188282	GTF3C5;GTF3C5;GTF3C5;GTF3C5	0.0400338	0.0610202	0.797667	-1.25366	0.180602	1.16442	1.16442	0.0549427	1.26244	1.26244	0.692633	1.04346	1.04346	0.00632016	0.683352	-1.46337
cg18873593	GTF3C6	0.0015446	0.374636	1.14246	1.14246	0.181245	0.812661	-1.23053	0.150827	0.798494	-1.25236	0.419053	0.886323	-1.12826	0.0763379	0.749625	-1.334
cg25531478	GTF3C6	0.00611419	0.818147	1.06499	1.06499	0.00115837	0.271244	-3.68672	0.0216716	2.12477	2.12477	0.537632	0.84313	-1.18606	0.0184735	0.457833	-2.1842
cg00858015	GTF3C6	0.0119061	0.380429	1.14478	1.14478	0.301564	1.17452	1.17452	0.239706	1.20325	1.20325	0.492896	1.11033	1.11033	0.285869	0.846558	-1.18125
cg04140496	GTF3C6	0.0140292	?	?	?	0.918163	1.03587	1.03587	0.143626	1.72441	1.72441	0.155137	1.6942	1.6942	?	?	?
cg02359132	GTF3C6	0.0466487	0.814165	1.04887	1.04887	0.00800749	0.50225	-1.99104	0.422638	0.847061	-1.18055	0.109556	1.42411	1.42411	0.236243	1.28597	1.28597
cg00531924	GTF3C6;GTF3C6	2.78E-05	0.0257098	0.803779	-1.24412	0.756724	1.02595	1.02595	0.981472	1.00192	1.00192	0.215622	1.11344	1.11344	0.485993	1.0601	1.0601
cg18659022	GTF3C6;GTF3C6	0.00207771	0.928325	0.987002	-1.01317	0.0241487	1.47841	1.47841	0.772681	1.04302	1.04302	0.0521179	1.37887	1.37887	0.278625	1.17799	1.17799
cg00370820	GTPBP1	0.000665004	0.671347	1.09301	1.09301	0.00569489	2.31059	2.31059	0.0031889	2.57451	2.57451	0.000101235	0.164022	-6.09674	0.00479309	0.419439	-2.38414
cg25353054	GTPBP1	0.00134893	0.979625	0.997087	-1.00292	0.712842	1.04314	1.04314	0.349702	1.11626	1.11626	0.0153578	0.711837	-1.40482	0.0431353	1.30451	1.30451
cg23069551	GTPBP1	0.00473799	0.857254	1.02407	1.02407	0.324606	1.14385	1.14385	0.705428	0.951062	-1.05146	0.0849193	1.28623	1.28623	0.854273	0.976	-1.02459
cg21395723	GTPBP1	0.0145843	0.00973142	4.4426	4.4426	0.0252619	3.06364	3.06364	?	?	?	?	?	?	?	?	?
cg15034267	GTPBP1	0.0309888	0.0603793	0.32428	-3.08376	0.145852	0.435939	-2.2939	0.26169	0.536675	-1.86332	0.557872	0.729697	-1.37043	0.00496436	0.138377	-7.22666
cg09964005	GTPBP1	0.0334885	0.0424245	0.763804	-1.30924	0.273078	0.876773	-1.14055	0.352858	1.11652	1.11652	0.659709	0.950197	-1.05241	0.1976	1.17001	1.17001
cg01099453	GTPBP1	0.0358645	0.62619	0.939805	-1.06405	0.299801	1.14556	1.14556	0.0235192	1.40794	1.40794	0.0550584	1.31666	1.31666	0.253184	1.16292	1.16292
cg16915576	GTPBP10;GTPBP10	1.76E-06	0.73712	0.953555	-1.04871	1.91E-05	0.293448	-3.40776	1.36E-06	0.174917	-5.717	0.666547	1.06311	1.06311	1.80E-07	0.10393	-9.62186
cg15917344	GTPBP10;GTPBP10	0.000591224	0.429033	0.822289	-1.21612	0.24109	1.34637	1.34637	0.14917	1.45483	1.45483	0.206753	0.724179	-1.38087	6.59E-06	0.088063	-11.3555
cg25876024	GTPBP10;GTPBP10	0.00568863	0.000107187	0.123176	-8.11849	0.696913	1.12745	1.12745	0.918231	1.03197	1.03197	0.755867	1.1003	1.1003	0.226336	1.476	1.476
cg20258753	GTPBP10;GTPBP10	0.00598658	0.0397562	0.658395	-1.51885	0.193752	0.785268	-1.27345	0.0115472	0.573915	-1.74242	0.0321792	1.55439	1.55439	0.0459795	0.668934	-1.49492
cg18582362	GTPBP10;GTPBP10	0.00755451	0.933402	1.01872	1.01872	0.572264	1.135	1.135	0.0316672	1.74893	1.74893	0.953541	0.987154	-1.01301	0.253359	0.767418	-1.30307
cg11909310	GTPBP10;GTPBP10	0.00932164	0.0706797	0.621671	-1.60857	0.0353418	0.561734	-1.7802	0.00302165	2.60287	2.60287	0.00387144	0.40025	-2.49844	0.938115	0.981892	-1.01844
cg04682406	GTPBP10;GTPBP10	0.0133713	0.0230985	0.420015	-2.38087	0.272346	1.44028	1.44028	0.00407233	3.42546	3.42546	0.0990131	0.561283	-1.78163	0.932856	1.02727	1.02727
cg21573611	GTPBP10;GTPBP10	0.0279599	0.00320798	0.168164	-5.94658	0.0299366	3.10184	3.10184	0.715203	0.850089	-1.17635	0.938099	0.966163	-1.03502	0.334048	1.55516	1.55516
cg14298726	GTPBP10;GTPBP10	0.035484	0.16032	1.22299	1.22299	0.570547	1.07997	1.07997	0.0326476	1.39867	1.39867	0.00184417	1.81024	1.81024	0.446624	0.901129	-1.10972
cg02316735	GTPBP3;GTPBP3;GTPBP3	0.0086266	0.0754968	0.672756	-1.48642	0.0300638	1.66713	1.66713	0.00210325	2.37852	2.37852	0.281494	0.799144	-1.25134	0.859829	1.03604	1.03604
cg26853093	GTPBP3;GTPBP3;GTPBP3	0.0114707	0.215528	0.783129	-1.27693	0.167606	1.31763	1.31763	0.882138	0.972562	-1.02821	0.204457	0.77793	-1.28546	0.742198	0.939974	-1.06386
cg22549504	GTPBP3;GTPBP3;GTPBP3	0.017052	?	?	?	0.00471868	0.618523	-1.61676	0.910362	1.01018	1.01018	0.0552869	0.79749	-1.25393	?	?	?
cg07916967	GTPBP3;GTPBP3;GTPBP3	0.0206823	0.463904	1.34832	1.34832	0.322713	1.50608	1.50608	0.145747	1.87039	1.87039	0.819242	0.912321	-1.09611	0.0143814	3.35204	3.35204
cg01256681	GTPBP3;GTPBP3;GTPBP3	0.0207741	0.0530998	1.24267	1.24267	0.878912	1.01519	1.01519	0.00510868	1.44163	1.44163	0.0919504	1.2013	1.2013	0.027656	1.29355	1.29355
cg24720006	GTPBP3;GTPBP3;GTPBP3	0.0228874	0.0104648	1.20857	1.20857	0.358451	0.946001	-1.05708	0.800489	1.015	1.015	0.0651268	1.12945	1.12945	0.0217417	1.17578	1.17578
cg04015129	GTPBP4	3.05E-05	0.144202	0.789039	-1.26736	7.08E-05	2.98757	2.98757	0.137443	0.785357	-1.27331	0.421227	0.883294	-1.13213	0.136688	0.784936	-1.27399
cg01430385	GTPBP4	6.50E-05	0.00203123	0.609448	-1.64083	0.0565213	0.782144	-1.27854	0.000866493	0.566137	-1.76636	0.016657	0.716972	-1.39475	3.28E-06	0.286065	-3.4957
cg11342415	GTPBP4	0.000166847	?	?	?	0.113243	0.513958	-1.94569	0.33939	1.46268	1.46268	0.903916	1.04774	1.04774	2.40E-06	0.0119615	-83.6012
cg12775728	GTPBP4	0.000357985	0.288543	0.852685	-1.17277	0.364306	1.14435	1.14435	0.0541651	0.728986	-1.37177	0.766094	0.957766	-1.0441	3.46E-06	0.20601	-4.85413
cg20744788	GTPBP4	0.00122917	0.313012	0.798368	-1.25255	6.49E-05	0.20533	-4.8702	0.0222083	0.553482	-1.80674	0.80852	0.948959	-1.05379	0.528091	0.871156	-1.1479
cg26464006	GTPBP4	0.00156418	0.0115282	0.811239	-1.23268	0.595773	0.965174	-1.03608	0.43324	1.05437	1.05437	0.0897193	0.883512	-1.13185	0.0065137	0.79129	-1.26376
cg19592742	GTPBP4	0.00298216	0.366216	0.91136	-1.09726	0.84208	1.02014	1.02014	0.0540521	1.24437	1.24437	0.0147171	0.740676	-1.35012	0.000892138	0.608057	-1.64458
cg19616783	GTPBP4	0.00845135	0.143219	0.702112	-1.42428	0.036653	0.579364	-1.72603	0.00598327	0.445887	-2.24272	0.421388	0.8314	-1.20279	0.000517761	0.295982	-3.37858
cg09085653	GTPBP4	0.0159562	0.185145	1.64814	1.64814	0.00131776	0.189795	-5.26885	0.018744	0.36321	-2.75323	0.556422	1.23555	1.23555	0.404782	1.35403	1.35403
cg14956193	GTPBP4	0.0174441	0.1761	0.586282	-1.70566	0.0563234	0.448317	-2.23056	0.00309099	0.222459	-4.49521	0.299341	0.67079	-1.49078	0.995346	0.997837	-1.00217
cg15317837	GTPBP4	0.0279617	0.0595221	0.660018	-1.51511	0.00580556	2.02561	2.02561	0.0807287	1.45992	1.45992	0.371131	1.19651	1.19651	0.472585	1.15341	1.15341
cg25125317	GTPBP4	0.0435309	0.0956161	0.763215	-1.31025	0.094122	0.762099	-1.31217	0.712009	0.946738	-1.05626	0.991839	1.00151	1.00151	0.639494	1.07212	1.07212
cg20681274	GTPBP5	1.23E-06	0.0108742	0.722253	-1.38456	4.78E-08	0.144774	-6.90734	0.00805977	0.707965	-1.4125	6.26E-07	0.249194	-4.01294	1.07E-05	0.384227	-2.60263
cg01713613	GTPBP5	0.000773892	0.000783279	0.550599	-1.8162	0.174956	0.84408	-1.18472	0.00152049	0.584816	-1.70994	0.0792455	0.79538	-1.25726	0.000125575	0.456189	-2.19208
cg00611397	GTPBP5	0.00222126	0.28165	0.914223	-1.09382	0.00130258	0.687073	-1.45545	0.00724091	0.757507	-1.32012	0.249693	0.908081	-1.10122	0.0123331	0.778995	-1.2837
cg10519155	GTPBP5	0.00234235	0.0612985	0.621255	-1.60965	0.129162	1.44798	1.44798	0.0464701	1.67339	1.67339	0.00226282	0.381171	-2.6235	0.000550442	0.297843	-3.35747
cg10407048	GTPBP5	0.0152257	0.0361	0.548222	-1.82408	0.91822	1.02565	1.02565	0.0179305	0.491961	-2.03268	0.96039	1.01232	1.01232	0.0152087	0.479404	-2.08592
cg03142751	GTPBP5	0.0231054	0.0471016	0.409364	-2.44281	0.0328683	0.374905	-2.66734	0.0224073	0.341175	-2.93105	0.164461	0.55819	-1.7915	0.0238932	0.346632	-2.8849
cg06524337	GTPBP5	0.0289261	0.420514	0.891764	-1.12137	0.78131	1.0395	1.0395	0.0583047	0.742429	-1.34693	0.64834	0.938085	-1.066	0.0110108	0.641492	-1.55887
cg07796062	GTPBP5	0.0294799	0.0833129	0.760284	-1.3153	0.0246742	1.46584	1.46584	0.00404	1.73672	1.73672	0.868929	0.976667	-1.02389	0.962396	0.993283	-1.00676
cg25789511	GTPBP5	0.0317091	0.92045	1.00758	1.00758	0.166878	0.894594	-1.11783	0.869041	0.987606	-1.01255	0.417759	1.06459	1.06459	0.0865135	1.15386	1.15386
cg17587138	GTPBP5;GTPBP5	0.0160384	0.164683	0.605183	-1.65239	0.768948	1.10495	1.10495	0.333999	1.40156	1.40156	0.00406485	0.270702	-3.6941	0.636067	0.850871	-1.17527
cg12151328	GTPBP8;GTPBP8	0.00421781	0.786205	1.06896	1.06896	0.516326	1.1755	1.1755	0.558896	1.15624	1.15624	0.0016387	3.23294	3.23294	0.199126	0.714976	-1.39865
cg14090995	GTPBP8;GTPBP8	0.0125939	0.166187	0.601865	-1.6615	0.0379816	0.437216	-2.2872	0.714931	1.13445	1.13445	0.928326	0.969535	-1.03142	0.00424876	0.268248	-3.72789
cg10291213	GTPBP8;GTPBP8	0.0183121	0.229218	1.31613	1.31613	0.00869061	2.07105	2.07105	0.793737	1.0587	1.0587	0.00285001	0.409015	-2.4449	0.787686	1.06053	1.06053
cg05767754	GTPBP8;GTPBP8	0.0200579	0.0161885	1.41564	1.41564	0.326898	1.12704	1.12704	0.00443483	1.56619	1.56619	0.704754	1.04601	1.04601	0.0214281	1.38622	1.38622
cg24981181	GTSE1	0.0156208	0.838257	1.05131	1.05131	0.00805287	0.435637	-2.29549	0.00937665	0.446455	-2.23987	0.535864	1.16587	1.16587	0.0987027	1.55771	1.55771
cg06943682	GTSE1;CN5H6.4	0.00238631	0.825099	0.975516	-1.0251	0.134636	1.198	1.198	0.145176	1.1915	1.1915	0.0271164	0.746036	-1.34042	0.00472803	0.656842	-1.52244
cg01773692	GTSE1;CN5H6.4	0.0112019	0.00371967	0.579754	-1.72487	0.1147	1.26953	1.26953	0.525667	0.914423	-1.09359	0.0121864	0.647551	-1.54428	0.00653248	0.611646	-1.63493
cg18884805	GTSE1;CN5H6.4	0.0357031	0.0124725	0.39481	-2.53287	0.135486	1.61769	1.61769	0.238677	1.44618	1.44618	0.648858	1.14688	1.14688	0.720385	0.898121	-1.11344
cg03758367	GTSF1	2.67E-05	7.64E-06	0.133017	-7.51784	0.000216366	0.281748	-3.54927	0.135073	0.718481	-1.39183	0.00200647	0.408687	-2.44686	2.65E-05	0.181777	-5.50125
cg20576002	GTSF1	0.000207122	0.00659098	0.591545	-1.69049	0.782346	1.04208	1.04208	6.17E-06	0.221968	-4.50515	0.00486203	0.573692	-1.7431	0.0023858	0.532535	-1.87781
cg01250703	GTSF1	0.00940638	0.0179176	0.271693	-3.68063	0.111565	0.456134	-2.19234	0.00831736	0.217012	-4.60803	0.0022439	0.144018	-6.94358	0.00487495	0.184462	-5.42118
cg04450876	GTSF1	0.0131027	0.741652	0.928931	-1.07651	0.319084	1.25791	1.25791	0.00178073	0.371144	-2.69437	0.583613	0.883955	-1.13128	0.353507	0.808376	-1.23705
cg20451566	GTSF1	0.0138262	0.943049	1.0298	1.0298	0.940588	0.969827	-1.03111	0.0561366	0.411016	-2.43299	0.00502087	0.217482	-4.59809	0.00121242	0.142674	-7.00897
cg06809675	GTSF1	0.0292298	0.629702	0.826964	-1.20924	0.134004	1.88138	1.88138	0.00158011	0.169606	-5.89602	0.437187	0.733476	-1.36337	0.106079	0.501439	-1.99426
cg20676413	GTSF1	0.031475	0.0457206	0.446766	-2.23831	0.294364	0.682115	-1.46603	0.0148621	0.348583	-2.86876	0.0364832	0.425261	-2.3515	0.0171336	0.359885	-2.77867
cg22407821	GTSF1	0.0361917	0.240113	0.77392	-1.29212	0.600978	1.11623	1.11623	0.0057314	0.470159	-2.12694	0.643602	0.907483	-1.10195	0.0260849	0.576867	-1.7335
cg23058239	GTSF1	0.0499376	0.0290603	0.267286	-3.74131	0.0580715	0.333331	-3.00002	0.129286	0.431444	-2.3178	0.102922	0.400503	-2.49686	0.0172972	0.226052	-4.42376
cg18211706	GTSF1;GTSF1	0.010254	0.0167057	0.357364	-2.79827	0.677433	1.15875	1.15875	0.00060211	0.155103	-6.44733	0.650219	0.851471	-1.17444	0.59274	0.826825	-1.20945
cg11808514	GTSF1L;GTSF1L	0.000309892	0.721684	0.946875	-1.05611	0.0234047	0.661437	-1.51186	0.0352936	0.687874	-1.45375	0.016279	0.638651	-1.5658	0.000242494	0.396002	-2.52524
cg23997421	GTSF1L;GTSF1L	0.00244733	0.0875236	0.63874	-1.56558	0.0465945	0.58183	-1.71871	0.0149278	0.490974	-2.03677	0.00210012	0.357642	-2.79609	0.000178074	0.221081	-4.52324
cg11971121	GUCA1A	0.000577462	0.720946	0.910955	-1.09775	0.137166	0.659479	-1.51635	0.00017698	0.191519	-5.22141	0.00710477	0.40484	-2.47011	4.88E-05	0.137372	-7.27952
cg05507234	GUCA1A	0.000943487	0.659218	0.95672	-1.04524	0.00249334	0.657746	-1.52034	0.000173877	0.529762	-1.88764	0.577949	1.05763	1.05763	0.929466	1.00887	1.00887
cg24216990	GUCA1A	0.0117748	0.90115	1.04649	1.04649	0.96493	1.01621	1.01621	0.0285467	0.388729	-2.57249	0.569687	0.810492	-1.23382	0.0380196	0.414964	-2.40984
cg27209993	GUCA1A	0.0184158	0.0468554	0.578127	-1.72972	0.796005	1.06438	1.06438	0.00959108	0.453953	-2.20287	0.733941	0.921127	-1.08563	0.0117116	0.468392	-2.13496
cg21740758	GUCA1A	0.0199807	0.799615	1.13942	1.13942	0.295929	0.573427	-1.7439	0.0231449	0.248261	-4.02802	0.780879	0.866676	-1.15383	0.00142259	0.0936249	-10.6809
cg09613495	GUCA1A	0.0324381	0.0117124	5.73931	5.73931	0.0970892	2.74644	2.74644	0.711179	1.22918	1.22918	0.505013	0.687085	-1.45542	0.076447	2.98466	2.98466
cg19489494	GUCA1A	0.0364824	0.039935	4.49831	4.49831	0.0111252	7.50374	7.50374	0.561982	1.44959	1.44959	0.920039	1.06565	1.06565	0.397894	1.72999	1.72999
cg20927649	GUCA1A;GUCA1A	0.00193157	0.0867668	1.5677	1.5677	0.00146685	0.335677	-2.97906	0.00636682	0.429979	-2.32569	0.0324372	0.551467	-1.81335	0.0134509	0.483194	-2.06956
cg21690892	GUCA1B	0.00136426	0.102772	0.693279	-1.44242	0.965559	1.0089	1.0089	0.171371	0.741671	-1.34831	0.38107	0.831628	-1.20246	1.67E-05	0.162788	-6.14295
cg22138627	GUCA1B	0.00309304	0.373343	0.817485	-1.22326	0.0836244	0.65558	-1.52537	0.927339	0.980088	-1.02032	0.000991248	0.339936	-2.94173	0.000314223	0.275845	-3.62522
cg02762689	GUCA1B	0.0214568	0.711273	1.09791	1.09791	0.128226	1.51155	1.51155	0.00196089	0.332983	-3.00315	0.662828	0.895631	-1.11653	0.0200925	0.494303	-2.02305
cg06079062	GUCA1C	5.34E-06	7.46E-08	0.0512932	-19.4957	0.556929	1.10332	1.10332	0.00129021	0.46017	-2.17311	0.13432	0.76552	-1.3063	0.364282	1.16683	1.16683
cg19812613	GUCA1C	0.000837837	1.17E-05	0.0450962	-22.1748	0.0459282	0.465989	-2.14597	0.0984011	0.546099	-1.83117	0.478774	1.27167	1.27167	0.0226991	0.40238	-2.48521
cg17739643	GUCA2A	0.000236202	0.00201795	0.372546	-2.68423	0.00102638	0.33186	-3.01332	0.00710954	0.454647	-2.19951	0.667122	1.10306	1.10306	7.77E-05	0.197617	-5.06029
cg05398883	GUCA2A	0.000321983	0.68924	0.933248	-1.07153	0.350234	1.17969	1.17969	0.0246721	0.631432	-1.5837	0.365487	0.852313	-1.17328	1.59E-05	0.216286	-4.62351
cg18856261	GUCA2A	0.00113593	0.0102523	0.473255	-2.11302	0.00337174	0.39777	-2.51402	0.0050674	0.424568	-2.35533	0.448702	0.83653	-1.19541	0.000852741	0.31393	-3.18542
cg09212118	GUCA2A	0.00420176	0.0134982	0.305277	-3.27571	0.0932494	0.488484	-2.04715	0.0314392	0.375608	-2.66235	0.0260015	0.358699	-2.78785	0.00111528	0.155182	-6.44404
cg05262877	GUCA2A	0.0216669	0.0237608	0.451477	-2.21495	0.0193262	0.434479	-2.30161	0.0666053	0.54549	-1.83321	0.662506	1.13815	1.13815	0.0328621	0.479284	-2.08645
cg09174829	GUCA2A	0.0347032	0.514785	1.16049	1.16049	0.0850152	1.53592	1.53592	0.316544	1.26279	1.26279	0.0102727	2.07273	2.07273	0.0364598	0.578193	-1.72953
cg11837471	GUCA2B	1.32E-05	0.722293	0.943382	-1.06002	5.60E-05	0.294273	-3.39821	0.000423952	0.401765	-2.48902	0.00300434	0.51449	-1.94367	2.61E-07	0.0823377	-12.1451
cg19728577	GUCA2B	0.000137906	0.32894	0.82627	-1.21026	0.435865	0.860224	-1.16249	1.77E-05	0.189679	-5.27207	0.867883	0.96896	-1.03203	6.13E-05	0.246439	-4.05781
cg00656728	GUCA2B	0.000785245	0.13292	0.70569	-1.41705	0.000207166	0.263015	-3.80207	0.000605227	0.320866	-3.11657	0.175393	1.36318	1.36318	0.00107133	0.353792	-2.82652
cg17100200	GUCA2B	0.00248873	0.142834	0.598662	-1.67039	0.0134714	0.369148	-2.70894	0.00124805	0.215229	-4.64622	0.00578708	0.307971	-3.24706	0.041164	0.464197	-2.15426
cg10443237	GUCA2B	0.00451151	0.258282	0.675398	-1.48061	0.125897	0.57638	-1.73497	0.0016717	0.224145	-4.46139	0.133334	0.58348	-1.71385	0.00749951	0.318201	-3.14267
cg16309224	GUCA2B	0.00913219	0.294737	0.755341	-1.3239	0.297352	0.756571	-1.32175	0.00223704	0.331124	-3.02001	0.445101	1.22262	1.22262	0.00186859	0.320052	-3.12449
cg24583987	GUCA2B	0.00977128	0.242241	0.531777	-1.88049	0.0683159	0.34883	-2.86673	0.00779061	0.171555	-5.82904	0.0224783	0.244004	-4.0983	0.00532599	0.150388	-6.64945
cg15545316	GUCA2B	0.0169155	0.774917	1.12817	1.12817	0.000811697	0.119501	-8.36815	0.0350405	0.355906	-2.80973	0.108283	0.47856	-2.0896	0.0762022	0.436099	-2.29306
cg10179693	GUCA2B	0.0208954	0.704525	1.11331	1.11331	0.00430963	0.34121	-2.93075	0.00924034	0.394235	-2.53656	0.0242614	0.469237	-2.13112	0.396871	0.78316	-1.27688

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08082507	0.027097	0.585726	-1.70728	0.05505	0.641001	-1.56006	0.505312	1.1482	1.1482	0.0296972	0.592626	-1.6874	7.75977	5.13666	0.588409	1
cg26994528	0.0102153	0.331875	-3.01319	0.00295223	0.249033	-4.01553	0.066051	0.495416	-2.01851	0.00730254	0.307799	-3.24887	7.35606	13.5165	1.6333	1
cg07305263	0.62257	1.0498	1.0498	0.0242054	0.768571	-1.30112	0.000527986	1.69707	1.69707	0.597155	1.05363	1.05363	6.03803	0.917597	0.135084	1
cg25877436	0.04143	0.351075	-2.84839	0.00221163	0.148241	-6.74576	0.0228084	0.297413	-3.36233	0.148169	0.501368	-1.99454	6.02956	18.9174	2.78884	1
cg25121227	0.241343	0.56658	-1.76498	0.0015144	0.120467	-8.30102	0.00572718	0.186747	-5.35485	0.0371929	0.326114	-3.06641	5.87522	19.9673	3.02094	1
cg01674679	0.000322298	0.0721598	-13.8581	0.674345	1.21039	1.21039	0.441245	0.701303	-1.42592	0.000656539	0.0945279	-10.5789	7.33087	23.702	2.87394	1
cg06878960	0.121434	1.27122	1.27122	8.10E-05	0.361986	-2.76254	0.338631	0.868519	-1.15138	0.00035731	0.440964	-2.26776	16.296	5.27165	0.287549	1
cg06568506	0.00128387	0.433931	-2.30452	0.000795606	2.46249	2.46249	0.0471202	1.49797	1.49797	0.0018172	0.454529	-2.20008	15.4489	7.74127	0.445412	1
cg00671823	0.015425	0.279777	-3.57427	0.000430286	0.0918875	-10.8829	0.329481	0.649683	-1.53921	0.0259423	0.322094	-3.10468	8.14526	23.6904	2.58533	1
cg05803810	0.212247	0.788025	-1.26899	0.00815308	1.84775	1.84775	0.00630161	1.90615	1.90615	0.104512	1.37951	1.37951	5.99695	3.12222	0.462786	1
cg01537687	0.0342363	0.61253	-1.63257	0.843821	1.03991	1.03991	0.305705	0.810239	-1.2342	0.00198158	0.420263	-2.37946	5.42046	3.37952	0.554199	1
cg05835262	0.00238618	0.294061	-3.40065	0.403173	1.28058	1.28058	0.646218	1.14295	1.14295	0.0241548	0.459686	-2.1754	4.76673	6.30937	1.17656	1
cg01239870	0.271856	0.733397	-1.36352	0.99989	0.999963	-1.00004	0.0196343	2.14726	2.14726	0.313118	1.32688	1.32688	4.74902	5.52726	1.03455	1
cg07996615	0.00881679	1.70679	1.70679	0.00441408	1.83901	1.83901	0.858095	0.971715	-1.02911	0.728171	0.945598	-1.05753	4.61415	1.87826	0.361835	1
cg02840535	0.91648	0.930535	-1.07465	0.276774	0.460065	-2.17361	0.0360117	5.33318	5.33318	0.214064	2.4543	2.4543	4.07989	30.4381	6.63156	1
cg01034813	0.25598	0.63111	-1.58451	0.00160583	0.172675	-5.79123	0.33846	1.46668	1.46668	0.187981	0.581848	-1.71866	3.90258	9.31253	2.12111	1
cg03426194	0.695182	1.21675	1.21675	0.548388	1.35331	1.35331	0.208782	1.93499	1.93499	0.331583	1.64716	1.64716	3.67328	14.4389	3.49405	1
cg04125962	0.20932	1.21614	1.21614	0.12209	1.2812	1.2812	0.17855	1.23535	1.23535	0.343688	0.865675	-1.15517	3.48539	1.20711	0.307853	1
cg04179668	0.573094	0.787509	-1.26983	0.97105	1.01534	1.01534	4.52E-05	0.039243	-25.4822	0.828372	0.91294	-1.09536	8.7017	24.2569	2.47787	1
cg05300937	0.0481962	1.13342	1.13342	0.00258405	0.793212	-1.2607	0.0870718	1.11049	1.11049	0.000440602	1.36054	1.36054	18.9367	0.922784	0.0433154	1
cg25535106	0.0023586	0.41255	-2.42395	0.0266166	1.73049	1.73049	0.0791641	1.50199	1.50199	3.48E-05	0.18824	-5.31238	19.8179	13.6722	0.613235	1
cg05106359	0.576834	1.03934	1.03934	0.0149391	0.814761	-1.22735	0.0315454	1.18838	1.18838	0.000194921	1.53573	1.53573	8.79201	0.652436	0.0659625	1
cg21939635	0.0270946	0.624605	-1.60101	0.000311428	0.349253	-2.86325	0.13532	1.33584	1.33584	0.00559416	0.519736	-1.92405	20.7196	10.6174	0.455494	1
cg19160878	0.988226	1.00375	1.00375	0.0095311	0.435058	-2.29854	0.00642884	0.407214	-2.45571	0.0196836	2.0424	2.0424	11.7523	11.958	0.904446	1
cg26347007	0.0191013	0.374791	-2.66815	0.826656	0.926924	-1.07884	0.52558	1.24926	1.24926	0.164942	0.598973	-1.66953	3.86122	7.32071	1.68529	1
cg14275626	0.0214955	0.232325	-4.30431	0.126621	0.417579	-2.39476	0.86646	1.09302	1.09302	0.16602	0.458115	-2.18286	5.10939	22.6018	3.93208	1
cg13986200	0.401007	0.731007	-1.36798	9.55E-05	0.0795012	-12.5784	0.366087	0.712859	-1.4028	0.749458	0.889774	-1.12388	6.25048	13.1525	1.87043	1
cg14590912	0.194833	0.704913	-1.41861	0.00259753	0.345066	-2.89799	0.00523141	0.390886	-2.55829	0.543911	0.855012	-1.16957	7.01327	7.22223	0.915374	1
cg09095562	0.04484	0.559666	-1.78678	0.00206619	0.335023	-2.98487	0.000779795	0.277743	-3.60045	0.130106	0.662247	-1.51001	6.44428	6.48446	0.89443	1
cg13715010	0.026644	0.464117	-2.15463	0.270615	0.71522	-1.39817	0.0022074	0.28546	-3.50312	0.0753362	0.560694	-1.78351	6.11042	8.26318	1.20205	1
cg21191275	0.0554503	0.139896	-7.14818	0.00312484	0.0256959	-38.9167	0.00352035	0.0277247	-36.0689	0.0344264	0.10697	-9.34838	5.8484	76.0383	11.5569	1
cg06866628	0.376091	0.816739	-1.22438	0.236114	0.758298	-1.31874	0.0185783	0.529381	-1.889	0.29762	1.27205	1.27205	5.56021	4.3737	0.699206	1
cg14283710	0.00997396	0.504525	-1.98206	0.174297	0.737974	-1.35506	0.420414	1.18895	1.18895	0.16035	0.729539	-1.37073	4.47366	3.13217	0.622343	1
cg14229207	0.144514	0.566743	-1.76447	0.0102645	0.309725	-3.22867	0.960508	1.0181	1.0181	0.573947	0.81398	-1.22853	4.46467	9.28124	1.84784	1
cg13824242	0.0497415	1.35527	1.35527	0.331804	0.872852	-1.14567	0.0787419	0.767073	-1.30366	0.00426483	1.68092	1.68092	5.74792	1.67928	0.259693	1
cg20188282	0.61357	0.946937	-1.05604	0.432698	1.08951	1.08951	0.788389	1.02922	1.02922	0.109335	1.20555	1.20555	3.68199	0.668546	0.161397	1
cg18873593	0.815016	0.966327	-1.03485	1.65E-05	0.273794	-3.65238	0.639509	1.07138	1.07138	0.764333	1.04492	1.04492	10.3915	3.51551	0.300717	1
cg25531478	0.0169366	2.21739	2.21739	0.0526734	1.82615	1.82615	0.698484	1.11229	1.11229	0.853168	1.05196	1.05196	6.89887	8.16674	1.05225	1
cg00858015	0.379296	1.14517	1.14517	0.000268513	0.407169	-2.45598	0.243624	0.832477	-1.20123	0.752908	0.953646	-1.04861	5.58772	1.99883	0.317973	1
cg04140496	0.000736008	0.151696	-6.59215	0.384851	1.35893	1.35893	0.869546	0.945186	-1.05799	0.842537	1.0706	1.0706	6.19441	8.78425	1.41809	1
cg02359132	0.0173701	0.55598	-1.79863	0.340279	0.819417	-1.22038	0.126278	0.715184	-1.39824	0.590559	0.895771	-1.11636	3.47823	2.26234	0.578158	1
cg00531924	0.815502	1.01946	1.01946	2.80E-07	0.286801	-3.48673	0.0271878	1.24054	1.24054	0.498113	0.944873	-1.05834	31.0594	3.34384	0.0956973	1
cg18659022	0.769754	0.958218	-1.0436	8.01E-05	0.354993	-2.81696	0.678088	0.941108	-1.06258	0.018355	1.51609	1.51609	9.53532	3.19336	0.297687	1
cg00370820	?	?	?	0.35019	1.22391	1.22391	0.122231	1.4315	1.4315	0.0267138	1.78959	1.78959	21.9979	12.7526	0.43479	1
cg25353054	0.144048	1.19639	1.19639	8.10E-05	0.44377	-2.25342	0.00865916	1.46571	1.46571	0.0989689	0.813294	-1.22957	10.8041	2.2335	0.183757	1
cg23069551	0.0427354	1.36096	1.36096	0.000128367	0.414874	-2.41037	0.841455	0.973885	-1.02682	0.12144	0.801033	-1.24839	7.45998	2.06259	0.245766	1
cg21395723	0.0298338	2.89111	2.89111	?	?	?	?	?	?	0.0547753	0.421555	-2.37217	12.9965	9.3121	0.716507	1
cg15034267	0.0814607	0.358127	-2.7923	0.00985144	0.176492	-5.66597	0.837537	0.896576	-1.11535	0.00747903	0.160252	-6.24019	4.03995	18.0907	3.98039	1
cg09964005	0.16964	0.844793	-1.18372	0.0150128	0.708447	-1.41154	0.707289	0.957442	-1.04445	0.0127717	1.42853	1.42853	3.92924	0.827159	0.187123	1
cg01099453	0.999367	0.9999	-1.0001	0.00840777	0.653313	-1.53066	0.704671	1.04934	1.04934	0.110248	0.802409	-1.24625	3.83308	0.971003	0.225175	1
cg16915576	2.88E-05	0.313751	-3.18724	1.51E-05	0.281876	-3.54766	0.161466	0.809704	-1.23502	1.64E-05	0.286037	-3.49605	63.4672	20.0316	0.280552	1
cg15917344	0.416304	1.22304	1.22304	0.363744	0.797549	-1.25384	0.269874	0.756955	-1.32108	0.796213	1.06473	1.06473	13.6398	12.6886	0.8269	1
cg25876024	0.822534	1.07127	1.07127	0.0950028	0.569908	-1.75467	0.805257	1.07865	1.07865	0.125941	1.6611	1.6611	7.05407	10.4937	1.32232	1
cg20258753	0.426951	0.867104	-1.15326	0.00115385	2.31522	2.31522	0.872126	0.972079	-1.02872	0.294631	0.826065	-1.21056	6.94396	3.39883	0.43508	1
cg18582362	0.0372505	0.584753	-1.71012	0.000924012	0.333527	-2.99826	0.113604	0.682469	-1.46527	0.0158273	1.92698	1.92698	6.45933	5.03783	0.693271	1
cg11909310	0.333143	1.26483	1.26483	0.275125	1.30631	1.30631	0.934177	1.01963	1.01963	0.184614	1.39257	1.39257	6.04456	5.30198	0.779689	1
cg04682406	0.423718	0.770352	-1.29811	0.170277	1.59419	1.59419	0.0572768	0.503202	-1.98727	0.0271529	2.30498	2.30498	5.38037	8.68901	1.43551	1
cg21573611	0.217333	1.77756	1.77756	0.0326094	0.330103	-3.02936	0.830495	1.09967	1.09967	0.671609	1.20803	1.20803	4.1899	13.0349	2.76536	1
cg14298726	0.0593673	1.33062	1.33062	0.433739	0.898344	-1.11316	0.356966	1.13558	1.13558	0.164024	1.22054	1.22054	3.84794	1.09765	0.253561	1
cg02316735	0.018129	1.77682	1.77682	0.0770281	1.48269	1.48269	0.00534124	2.08569	2.08569	0.856606	1.0369	1.0369	6.19499	3.93712	0.564918	1
cg26853093	0.000572941	0.367913	-2.71803	0.0322161	0.624758	-1.60062	0.123697	1.36708	1.36708	0.180471	1.30565	1.30565	5.65552	3.15003	0.495096	1
cg22549504	?	?	?	?	?	?	?	?	?	?	?	?	12.4159	0.460939	0.0494997	1
cg07916967	0.185824	1.75485	1.75485	0.00144803	6.32863	6.32863	0.0100351	3.67979	3.67979	0.499644	0.759793	-1.31615	4.65116	11.839	2.26256	1
cg01256681	0.180639	0.868894	-1.15089	0.0285543	0.774594	-1.291	0.774864	0.972049	-1.02876	0.528351	1.06519	1.06519	4.64414	0.718837	0.137586	1
cg24720006	0.465429	1.04464	1.04464	0.0679905	1.12768	1.12768	0.418702	0.952585	-1.04977	0.00377757	1.25826	1.25826	4.49245	0.245876	0.0486497	1
cg04015129	1.77E-05	0.265635	-3.76457	5.30E-06	0.210362	-4.75372	0.523504	1.10258	1.10258	0.0260506	0.671062	-1.49018	30.3242	10.9556	0.321141	1
cg01430385	6.00E-05	0.429856	-2.32636	0.00038872	0.525276	-1.90376	0.000159336	0.479718	-2.08456	0.00487725	0.653961	-1.52914	24.8319	5.09441	0.182361	1
cg11342415	0.373763	0.702866	-1.42275	0.598464	0.814469	-1.22779	0.309585	1.5009	1.5009	0.110019	1.95951	1.95951	19.7813	41.5308	2.0995	1
cg12775728	0.0932117	0.765594	-1.30618	0.551283	0.9165	-1.09111	0.512069	0.9083	-1.10096	0.00897262	0.618366	-1.61717	15.6718	5.19288	0.294536	1
cg20744788	0.016669	1.87895	1.87895	0.0807144	1.51886	1.51886	0.130864	1.42191	1.42191	0.00929872	0.490647	-2.03813	11.0954	8.18229	0.655508	1
cg26464006	0.704641	1.02553	1.02553	0.000101478	0.633851	-1.57766	0.0210897	1.2016	1.2016	0.0139142	0.81778	-1.22282	10.3538	0.718803	0.06171	1
cg19592742	0.674298	0.95862	-1.04317	0.000956307	1.63564	1.63564	0.630024	0.952631	-1.04972	0.2807	1.11864	1.11864	8.57331	1.35739	0.140735	1
cg19616783	0.216283	0.746383	-1.3398	0.0103773	0.483997	-2.06613	0.81725	1.05341	1.05341	0.0161201	0.51588	-1.93843	6.23531	4.99079	0.711472	1
cg09085653	0.182735	0.604874	-1.65324	0.063708	2.09839	2.09839	0.938894	1.02764	1.02764	0.523186	0.794483	-1.25868	5.07562	10.1627	1.77978	1
cg14956193	0.00582991	0.261781	-3.81999	0.0299622	0.387535	-2.58041	0.486349	1.30027	1.30027	0.0120423	0.312716	-3.19779	4.92675	10.7529	1.94005	1
cg15317837	0.712134	0.930154	-1.07509	0.0197176	0.576833	-1.7336	0.247634	1.26635	1.26635	0.520724	1.13562	1.13562	4.1898	2.53256	0.537296	1
cg25125317	0.0594579	0.730495	-1.36893	0.0161518	1.54406	1.54406	0.0688133	0.740366	-1.35068	0.0410323	0.706073	-1.41628	3.56951	1.23178	0.306741	1
cg20681274	0.0263922	0.764968	-1.30724	1.60E-05	0.404449	-2.4725	0.00584474	0.692664	-1.4437	6.27E-05	0.472321	-2.1172	69.5809	11.4111	0.145776	1
cg01713613	0.635357	1.05773	1.05773	0.000305599	0.502028	-1.99192	0.54384	0.930354	-1.07486	0.00927989	0.678502	-1.47384	12.6496	2.76585	0.194357	1
cg00611397	0.0455574	0.832125	-1.20174	0.00075781	1.50559	1.50559	0.158091	0.886075	-1.12857	0.319672	0.920882	-1.08592	9.35094	0.951401	0.0904391	1
cg10519155	0.0325762	0.568522	-1.75895	0.698181	1.09196	1.09196	0.00644608	0.449417	-2.22511	0.0388361	0.582738	-1.71604	9.2066	7.43168	0.717522	1
cg10407048	0.00726779	0.425765	-2.34871	0.0111962	0.456645	-2.18989	0.839641	1.05123	1.05123	0.00710325	0.424166	-2.35757	5.15516	4.96509	0.856116	1
cg03142751	0.013936	0.303023	-3.30008	0.00789411	0.261975	-3.81716	0.776067	0.893952	-1.11863	0.00891997	0.270408	-3.69811	4.47779	10.9581	2.17531	1
cg06524337	0.808552	1.03437	1.03437	0.00336576	0.573948	-1.74232	0.275773	1.17095	1.17095	0.208603	1.20264	1.20264	4.13996	1.27041	0.272769	1
cg07796062	0.158723	0.80625	-1.24031	0.0677452	1.33981	1.33981	0.480728	1.1079	1.1079	0.326176	1.15595	1.15595	4.11227	1.33103	0.28771	1
cg25789511	0.233074	1.09911	1.09911	0.0019112	0.71732	-1.39408	0.16024	1.12007	1.12007	0.359784	1.07376	1.07376	4.00695	0.362525	0.0804214	1
cg17587138	0.007469	0.311319	-3.21214	0.689461	0.872772	-1.14577	0.6109	0.840432	-1.18986	0.00262595	0.243886	-4.10028	5.06695	9.21112	1.6159	1
cg12151328	0.0994349	1.56701	1.56701	0.000446172	0.230751	-4.33368	0.179962	1.42251	1.42251	0.360739	1.2603	1.2603	9.01077	8.39903	0.724975	1
cg14090995	0.7673	1.10743	1.10743	0.00181708	0.217747	-4.59248	0.122115	1.77926	1.77926	0.0610736	0.483906	-2.06652	5.48665	10.276	1.66481	1
cg10291213	0.0492726	1.62999	1.62999	0.487359	0.857597	-1.16605	0.270112	0.778803	-1.28402	0.485728	1.16674	1.16674	4.847	3.63846	0.667255	1
cg05767754	0.0511434	0.769171	-1.3001	0.192765	0.849693	-1.1769	0.857691	0.979014	-1.02144	0.679854	1.05025	1.05025	4.69994	1.03931	0.196562	1
cg24981181	0.348063	1.26681	1.26681	0.00946103	2.23665	2.23665	0.323171	0.778956	-1.28377	0.767746	0.93007	-1.07519	5.11156	4.85118	0.843609	1
cg06943682	0.00244794	0.623683	-1.60338	0.000262955	0.51085	-1.95752	0.858894	1.02013	1.02013	0.959592	0.994342	-1.00569	9.15648	1.81903	0.176587	1
cg01773692	0.914356	0.985146	-1.01508	0.0160255	0.663579	-1.50698	0.0474184	0.729418	-1.37096	0.701301	1.05508	1.05508	5.69899	1.74677	0.272449	1
cg18884805	0.240717	0.692685	-1.44366	0.00585508	0.340128	-2.94007	0.33754	1.34389	1.34389	0.333603	0.742197	-1.34735	3.83936	5.43427	1.25814	1
cg03758367	0.219086	1.30377	1.30377	0.793964	1.05519	1.05519	6.69E-06	0.128274	-7.79583	0.067771	0.657105	-1.52183	31.4089	20.9525	0.592968	1
cg20576002	0.516016	1.10297	1.10297	0.0298981	1.46262	1.46262	0.0120648	0.627604	-1.59336	0.0303349	0.684628	-1.46065	18.1976	6.38328	0.3118	1
cg01250703	0.0908209	0.430073	-2.32519	0.0176048	0.27032	-3.69931	0.00485912	0.184276	-5.42664	0.0581953	0.379221	-2.63698	6.02717	19.5829	2.88809	1
cg04450876	0.172162	0.723366	-1.38243	0.358849	0.810385	-1.23398	0.00102992	0.338332	-2.95567	0.0684211	0.634695	-1.57556	5.41621	4.25963	0.699076	1
cg20451566	0.367962	0.683791	-1.46243	0.118798	0.498615	-2.00556	0.0229923	0.327007	-3.05803	0.0188134	0.310427	-3.22137	5.32167	14.2391	2.37839	1
cg06809675	0.664176	1.18629	1.18629	0.310908	0.663637	-1.50685	0.0233229	0.34645	-2.88642	0.193944	0.584211	-1.71171	4.1247	9.9912	2.15314	1
cg20676413	0.0218307	0.379826	-2.63279	0.0277733	0.40056	-2.4965	0.00950318	0.314848	-3.17613	0.186967	0.611397	-1.6356	4.01757	7.87264	1.74183	1
cg22407821	0.718162	0.92726	-1.07845	0.0147315	0.535007	-1.86913	0.0160668	0.541222	-1.84767	0.7753	0.942109	-1.06145	3.82046	2.62708	0.611232	1
cg23058239	0.0411156	0.298616	-3.34879	0.0208795	0.240301	-4.16144	0.0171616	0.225473	-4.43512	0.304134	0.579365	-1.72603	3.38974	14.1211	3.70297	1
cg18211706	0.770478	1.10854	1.10854	0.00417798	0.25877	-3.86444	0.612978	1.19681	1.19681	0.169017	0.596829	-1.67552	5.86334	11.5202	1.74647	1
cg11808514	0.000475618	0.432865	-2.31019	1.62E-05	0.257801	-3.87896	0.0729083	0.736891	-1.35705	0.00115084	0.482328	-2.07328	16.3047	6.01497	0.327921	1
cg23997421	0.604456	0.883213	-1.13223	0.00458995	0.407909	-2.45153	0.879009	1.03686	1.03686	0.00397818	0.398446	-2.50975	9.0888	8.12987	0.795105	1
cg11971121	0.0869816	0.611731	-1.63471	0.00554161	0.387636	-2.57974	0.00103842	0.282835	-3.53563	0.00691848	0.402978	-2.48152	13.7296	14.7018	0.951828	1
cg05507234	0.00882444	1.39431	1.39431	0.00332725	1.48954	1.48954	0.0900647	0.830063	-1.20473	0.0630831	0.811859	-1.23174	11.962	1.88301	0.139925	1
cg24216990	0.0441036	0.4292	-2.32992	0.00106484	0.170506	-5.8649	0.0119321	0.317491	-3.14969	0.00813946	0.289749	-3.45127	5.60784	11.8773	1.88264	1
cg27209993	0.0961334	0.644018	-1.55275	0.430206	0.823733	-1.21398	0.690397	0.908084	-1.10122	0.0013416	0.325541	-3.07181	4.83779	4.44352	0.816447	1
cg21740758	0.0322939	0.276291	-3.61937	0.493572	1.42869	1.42869	0.0221045	0.244602	-4.08828	0.0725563	0.357709	-2.79557	4.70611	19.6243	3.70663	1
cg09613495	0.540934	1.40974	1.40974	0.00382079	8.70421	8.70421	0.0850179	2.87657	2.87657	0.0257167	4.34836	4.34836	3.97447	19.3764	4.33353	1
cg19489494	0.290702	2.00237	2.00237	0.00377376	11.8826	11.8826	0.0234827	5.54911	5.54911	0.071315	3.58045	3.58045	3.80936	24.1917	5.64498	1
cg20927649	0.242992	0.747968	-1.33696	0.000241506	0.236102	-4.23546	0.0109081	0.467888	-2.13727	0.02283	0.52339	-1.91062	9.74012	8.71476	0.795314	1
cg21690892	0.122468	1.40983	1.40983	0.457973	1.16777	1.16777	0.300312	0.802311	-1.2464	0.748104	1.06836	1.06836	10.7691	7.18274	0.592866	1
cg22138627	0.279809	1.28114	1.28114	0.00412035	0.428073	-2.33605	0.526492	1.15202	1.15202	0.503024	0.86081	-1.1617	8.48083	6.53145	0.684572	1
cg02762689	0.276098	0.752282	-1.32929	0.0359065	0.541594	-1.8464	0.50173	1.18685	1.18685	0.471387	1.2021	1.2021	4.59312	4.59201	0.888673	1
cg06079062	0.469003	0.885216	-1.12967	0.000119961	0.328654	-3.04271	0.0648151	1.40946	1.40946	0.000717344	0.426484	-2.34475	47.7088	20.6952	0.385584	1
cg19812613	0.420598	0.759856	-1.31604	0.0113569	0.347209	-2.88011	0.559771	1.21754	1.21754	0.0520387	0.478209	-2.09113	12.37	21.8248	1.56829	1
cg17739643	0.538207	0.868249	-1.15174	1.92E-05	0.139657	-7.16042	0.0160534	0.512725	-1.95036	0.00879668	0.469414	-2.13032	17.5594	14.2907	0.723421	1
cg05398883	0.151864	0.768089	-1.30193	0.000348697	0.372229	-2.68651	0.0015699	0.45815	-2.18269	0.000994568	0.431496	-2.31752	16.1345	7.54781	0.415827	1
cg18856261	0.0195505	0.520813	-1.92008	0.00295894	0.389375	-2.56822	0.000106623	0.205784	-4.85946	0.00457086	0.417695	-2.39409	11.348	9.60645	0.752475	1
cg09212118	0.327401	0.675504	-1.48038	0.00941017	0.278771	-3.58718	0.000372881	0.109828	-9.10515	0.0186917	0.330898	-3.02208	7.73672	18.4493	2.11968	1
cg05262877	0.0373015	0.490555	-2.03851	0.0152941	0.415844	-2.40475	0.0046833	0.330301	-3.02754	0.0679392	0.547478	-1.82656	4.57782	6.29508	1.22233	1
cg09174829	0.352554	1.24056	1.24056	0.0593929	0.619067	-1.61533	0.128376	0.690489	-1.44825	0.988994	0.996897	-1.00311	3.87906	3.11943	0.714819	1
cg11837471	0.767896	1.04953	1.04953	0.000122015	0.33437	-2.9907	0.149128	0.776721	-1.28746	0.0432973	0.684101	-1.46177	37.78	15.962	0.375553	1
cg19728577	0.293914	0.813676	-1.22899	0.0053253	0.49887	-2.00453	5.49E-05	0.24112	-4.14731	0.00346745	0.471658	-2.12018	20.3116	11.5395	0.505001	1
cg00656728	0.018413	0.540725	-1.84937	0.00547042	0.45589	-2.19351	0.000728977	0.331433	-3.0172	0.142789	0.712725	-1.40307	12.5979	9.2233	0.650782	1
cg17100200	0.00179672	0.235319	-4.24956	0.0322905	0.441906	-2.26292	0.000229165	0.136179	-7.34327	0.0809218	0.532345	-1.87848	9.04406	15.2008	1.494	1
cg10443237	0.0019239	0.232036	-4.30967	0.00257211	0.248913	-4.01746	0.00225182	0.241087	-4.14788	0.0263609	0.416346	-2.40185	7.57185	13.2746	1.55836	1
cg16309224	0.224901	1.38976	1.38976	0.0090405	0.424528	-2.35555	0.125189	0.651464	-1.535	0.0728502	0.59651	-1.67642	6.08414	6.42415	0.938564	1
cg24583987	0.0388512	0.291085	-3.43543	0.00486972	0.145724	-6.86229	0.00192953	0.103878	-9.62672	0.0417569	0.297895	-3.35688	5.95448	25.1092	3.74831	1
cg15545316	0.0648666	0.418064	-2.39198	0.425662	0.710213	-1.40803	0.00990058	0.253917	-3.93829	0.0754363	0.434943	-2.29915	4.97777	13.9494	2.49097	1
cg10179693	0.0892284	0.58979	-1.69552	0.312564	0.745054	-1.34218	0.00743	0.378563	-2.64157	0.0492529	0.531356	-1.88198	4.63492	5.82652	1.11742	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25918303	GUCY1A2	0.0101791	0.989352	1.00979	1.00979	?	?	?	0.13962	0.309345	-3.23264	0.276362	0.435491	-2.29626	0.629732	1.42606	1.42606	0.0180359	0.11501	-8.69487	0.00603593	15.3911	15.3911	0.0634187	4.71881	4.71881	0.00525487	16.6078	16.6078	6.79754	49.8902	6.42202	1
cg26124242	GUCY1A2	0.0176624	0.0831589	0.816877	-1.22417	0.00969169	0.708167	-1.4121	0.0149967	0.729562	-1.37069	0.23574	0.8772	-1.13999	0.677867	0.956911	-1.04503	0.916467	1.01112	1.01112	0.00225997	0.63726	-1.56922	0.116561	1.19698	1.19698	0.538329	0.936417	-1.0679	4.90624	0.863927	0.156522	1
cg21958798	GUCY1A2	0.0281939	0.0359144	0.538944	-1.85548	0.0248069	1.96732	1.96732	0.537548	0.853758	-1.17129	0.708673	1.09973	1.09973	0.01767	0.481479	-2.07693	0.596288	0.873361	-1.145	0.215011	0.718519	-1.39175	0.658306	1.11932	1.11932	0.0206133	2.02625	2.02625	4.17761	4.24415	0.903046	1
cg01651499	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.00102677	0.00454304	1.99892	1.99892	0.0309745	0.628728	-1.59051	0.263822	0.807827	-1.23789	0.818647	1.04298	1.04298	0.0140744	1.74252	1.74252	0.00189726	2.23972	2.23972	0.000439421	2.76591	2.76591	0.000997675	2.44872	2.44872	0.0193462	1.67901	1.67901	11.6787	6.20889	0.472572	1
cg21176026	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.00186628	0.000248483	0.322374	-3.10199	0.00672961	0.518016	-1.93044	0.00527336	0.502311	-1.9908	0.00271779	0.4607	-2.17061	0.000968949	0.398822	-2.50739	0.27574	0.808772	-1.23644	0.458051	0.868102	-1.15194	0.770875	0.946805	-1.05618	0.00585782	0.509053	-1.96443	9.83798	5.45941	0.493273	1
cg23912454	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.0084247	0.684668	0.956272	-1.04573	0.308081	0.890888	-1.12248	0.168218	1.17447	1.17447	0.00150299	0.605951	-1.6503	0.376187	0.90533	-1.10457	0.0852956	0.811936	-1.23162	0.000594853	0.559591	-1.78702	0.763327	0.967469	-1.03363	0.916741	0.988614	-1.01152	6.24154	1.18555	0.16884	1
cg22643435	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.018854	0.187762	0.858036	-1.16545	0.00510011	0.666347	-1.50072	0.0743966	0.804098	-1.24363	0.121442	0.831797	-1.20222	0.0110207	0.704855	-1.41873	0.0590939	0.79155	-1.26334	0.0363342	1.30591	1.30591	0.506479	1.07673	1.07673	0.34268	0.898322	-1.11319	4.79956	0.91447	0.169362	1
cg17974378	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.0240724	0.0755847	0.771657	-1.29591	0.661128	1.05951	1.05951	0.798042	1.03417	1.03417	0.0459036	0.74092	-1.34967	0.0196836	0.691268	-1.44662	0.0167539	0.682069	-1.46613	0.28565	1.15642	1.15642	0.496209	1.09477	1.09477	0.0236589	1.4248	1.4248	4.41479	1.20084	0.24178	1
cg24508611	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.0362142	0.00213967	0.38649	-2.58739	0.977306	1.00629	1.00629	0.272823	0.777584	-1.28603	0.153559	0.714053	-1.40046	0.0765389	0.64775	-1.54381	0.0106088	0.492463	-2.03061	0.0495741	0.610294	-1.63855	0.172751	0.726277	-1.37689	0.179952	0.7306	-1.36874	3.81959	2.93898	0.683955	1
cg21732915	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.0487557	0.345715	0.707323	-1.41378	0.49513	0.781145	-1.28017	0.232293	0.639763	-1.56308	0.37694	0.723768	-1.38166	0.0526597	0.4559	-2.19346	0.126412	0.554564	-1.80322	0.0021471	0.21503	-4.65052	0.376282	0.723428	-1.38231	0.0134155	0.335629	-2.97948	3.42069	6.88807	1.78991	1
cg13928490	GUCY1B2	0.000460558	0.000430466	0.201287	-4.96802	0.639457	1.14543	1.14543	0.0129223	0.411447	-2.43045	0.00265244	0.302241	-3.30862	0.000558917	0.214313	-4.66608	0.218495	1.45133	1.45133	0.000105519	0.139342	-7.17661	0.0497032	0.525041	-1.90461	0.00142585	0.265045	-3.77295	14.6196	19.1763	1.16594	1
cg27066989	GUCY1B2	0.00421449	0.00193907	0.231332	-4.32278	0.00420512	3.59587	3.59587	0.361837	0.731316	-1.3674	0.334138	1.39451	1.39451	0.0234238	0.404963	-2.46936	0.0299292	2.346	2.346	0.0177074	0.381765	-2.61941	0.682749	1.14704	1.14704	0.206179	0.640725	-1.56073	7.72965	13.6436	1.56897	1
cg16692277	GUCY1B2	0.00479568	0.00238203	0.253487	-3.94498	0.700916	1.13322	1.13322	0.162104	0.616477	-1.62212	0.145563	0.602654	-1.65933	0.00100377	0.205461	-4.8671	0.049292	2.06922	2.06922	0.00321056	0.271612	-3.68172	0.684931	0.876173	-1.14133	0.297157	0.7045	-1.41945	7.43255	12.3621	1.47844	1
cg11366363	GUCY1B2	0.00847583	0.0134026	0.435324	-2.29714	0.0667648	1.74747	1.74747	0.192533	0.687589	-1.45436	0.742856	1.09352	1.09352	0.00538638	0.369717	-2.70477	0.00312785	2.99594	2.99594	0.649718	0.883232	-1.1322	0.139718	0.649488	-1.53968	0.56635	0.854349	-1.17048	6.22962	7.27649	1.03826	1
cg03888223	GUCY1B2	0.00958189	0.0437625	0.463276	-2.15854	0.251792	0.67204	-1.48801	0.245306	0.668031	-1.49694	0.499491	0.796474	-1.25553	0.000361697	0.14981	-6.67512	0.221843	0.652957	-1.53149	0.09345	0.542001	-1.84501	0.445155	1.29483	1.29483	0.00376443	0.273046	-3.66239	5.99178	10.4577	1.55142	1
cg13725803	GUCY1B2	0.0139068	0.0119035	0.492039	-2.03236	0.0110155	2.05557	2.05557	0.493754	0.854687	-1.17002	0.890747	0.969426	-1.03154	0.637605	0.898345	-1.11316	0.00894875	2.11959	2.11959	0.0698039	0.632477	-1.58109	0.0901236	1.52502	1.52502	0.320323	0.792939	-1.26113	5.31153	4.29424	0.718645	1
cg12006375	GUCY1B2	0.0332803	0.0461789	0.597311	-1.67417	0.804493	1.05754	1.05754	0.143155	0.701213	-1.4261	0.121963	0.685128	-1.45958	0.774734	0.937323	-1.06687	0.0355783	1.73651	1.73651	0.00771588	2.16432	2.16432	0.500463	1.16681	1.16681	0.300825	0.785181	-1.27359	3.93806	3.17374	0.716368	1
cg21205139	GUCY1B3	0.000919432	0.00156412	0.189214	-5.28501	0.00107198	0.170285	-5.87252	0.0651315	0.468309	-2.13534	0.0106221	0.308196	-3.24469	0.000231843	0.106634	-9.37785	0.0306389	0.394397	-2.53552	0.000603128	0.143999	-6.94448	0.000813978	0.157329	-6.35611	0.00607151	0.269113	-3.7159	12.0497	25.6134	1.88945	1
cg13730841	GUCY1B3	0.0135713	0.509585	1.19885	1.19885	0.00459636	0.359631	-2.78062	0.0911829	0.603878	-1.65596	0.295501	0.745198	-1.34193	0.00710166	0.389501	-2.56739	0.332953	1.31096	1.31096	0.00213172	0.310365	-3.22201	0.494441	0.82853	-1.20696	0.391141	0.788041	-1.26897	5.35427	6.23259	1.0347	1
cg17493815	GUCY1B3	0.0149567	0.00253579	0.27616	-3.62109	0.177694	0.644099	-1.55256	0.623034	1.16434	1.16434	0.267236	0.701206	-1.42612	0.00803432	0.352421	-2.83752	0.827729	0.935261	-1.06922	0.00905579	0.361063	-2.7696	0.0101714	0.369594	-2.70567	0.0671722	0.532569	-1.87769	5.18566	7.74589	1.32775	1
cg08058213	GUCY1B3	0.0330152	0.911131	1.02225	1.02225	0.00626266	0.495611	-2.01771	0.0715319	0.672626	-1.48671	0.256447	0.791815	-1.26292	0.0226984	0.584205	-1.71173	0.567957	1.12047	1.12047	0.0647972	1.50487	1.50487	0.740678	1.06764	1.06764	0.0893529	0.691327	-1.44649	3.9494	2.42908	0.546711	1
cg23523811	GUCY2C	0.000261931	0.489611	0.869699	-1.14982	1.16E-05	0.15742	-6.35242	7.86E-05	0.241614	-4.13883	0.161065	1.34683	1.34683	0.598941	0.899818	-1.11134	0.939144	0.984927	-1.0153	0.264215	0.793357	-1.26047	0.932009	1.01712	1.01712	0.00691496	0.498906	-2.00438	17.0716	10.6976	0.557004	1
cg27486692	GUCY2C	0.000417823	0.00139309	0.41349	-2.41844	0.000441144	0.347101	-2.881	0.0344822	0.624883	-1.6003	0.932798	0.984048	-1.01621	0.0004891	0.352878	-2.83384	0.013096	0.556129	-1.79814	0.000114229	0.274983	-3.63659	0.000203183	0.3049	-3.27976	0.354781	0.834009	-1.19903	15.0185	8.64752	0.511815	1
cg13131015	GUCY2C	0.000440164	0.240995	0.742342	-1.34709	0.0289021	0.535098	-1.86882	0.000363751	0.249841	-4.00254	0.388595	0.806958	-1.23922	3.94E-05	0.14819	-6.74808	0.829966	1.05359	1.05359	0.000180135	0.214611	-4.6596	0.5016	1.18004	1.18004	0.0243266	0.52126	-1.91843	14.8039	13.8146	0.829484	1
cg12095505	GUCY2C;GUCY2C	2.26E-05	0.684764	0.934181	-1.07046	0.0129855	0.59795	-1.67238	0.00891465	0.574036	-1.74205	0.00085493	0.433605	-2.30625	8.86E-07	0.11334	-8.82297	7.91E-05	0.30418	-3.28753	1.23E-05	0.214727	-4.65708	0.0224105	0.633602	-1.57828	0.550442	0.904135	-1.10603	32.8033	14.457	0.391748	1
cg22849635	GUCY2D	2.73E-07	0.0220205	1.38517	1.38517	0.00194234	0.5945	-1.68209	6.39E-07	0.198805	-5.03006	0.683935	0.952606	-1.04975	2.51E-07	0.161565	-6.18946	0.00183822	0.591644	-1.6902	1.83E-08	0.0784434	-12.748	4.04E-06	0.2811	-3.55746	0.0401119	0.754749	-1.32494	102.042	22.7424	0.198108	1
cg00458274	GUCY2D	0.000154718	0.640478	1.10608	1.10608	0.817585	1.05077	1.05077	3.53E-05	0.180576	-5.53784	0.228142	0.762511	-1.31146	0.0300432	0.57869	-1.72804	0.430307	0.841515	-1.18833	0.241658	0.768977	-1.30043	6.29E-06	0.115064	-8.69079	0.0045642	0.445035	-2.24701	19.6918	14.3289	0.646805	1
cg25179686	GUCY2D	0.000185859	0.0210977	1.57864	1.57864	0.0518322	1.43941	1.43941	3.86E-06	0.170049	-5.88065	0.36303	1.16636	1.16636	0.190285	1.25649	1.25649	0.471729	0.886476	-1.12806	0.0785736	1.37934	1.37934	0.12125	0.758388	-1.31859	0.0299885	0.656881	-1.52235	18.7398	8.04209	0.381462	1
cg18105735	GUCY2D	0.000878425	0.117529	0.814832	-1.22725	0.179792	0.842306	-1.18722	7.74E-05	0.422289	-2.36805	0.0142003	1.43968	1.43968	0.00737205	1.51581	1.51581	0.330758	1.1285	1.1285	0.185697	1.18416	1.18416	0.0050867	0.640157	-1.56212	0.666089	1.05369	1.05369	12.2061	2.80503	0.204272	1
cg03747002	GUCY2D	0.00145791	0.00471514	3.50045	3.50045	0.00197633	4.29971	4.29971	0.0305233	2.33548	2.33548	0.83035	0.930908	-1.07422	0.000447603	6.34519	6.34519	0.0130746	2.79322	2.79322	0.000252355	7.48877	7.48877	0.091532	1.85894	1.85894	0.00691139	3.21098	3.21098	10.5658	18.6321	1.5675	1
cg01544751	GUCY2D	0.00627444	0.579306	0.828563	-1.20691	0.0890561	1.87717	1.87717	0.000197422	8.17264	8.17264	0.00274711	4.00615	4.00615	0.998858	1.00048	1.00048	0.137609	1.71081	1.71081	0.946559	0.97774	-1.02277	0.826589	1.07646	1.07646	0.615099	1.18561	1.18561	6.84388	12.224	1.58766	1
cg11434973	GUCY2D	0.00717376	0.686936	0.894833	-1.11753	0.407993	0.792849	-1.26127	0.000331108	0.204059	-4.90054	0.750248	0.916139	-1.09154	0.124438	0.633659	-1.57814	0.300358	0.745022	-1.34224	0.409947	0.79365	-1.26	0.00150357	0.285216	-3.50612	0.0154295	0.442569	-2.25954	6.5647	7.82072	1.05896	1
cg12504247	GUCY2D	0.00755749	0.0197765	3.02926	3.02926	0.00908799	3.68896	3.68896	0.0356244	2.6198	2.6198	0.0521993	2.38603	2.38603	0.00401508	4.58247	4.58247	0.0395251	2.55398	2.55398	0.000719013	7.59131	7.59131	0.0670304	2.24434	2.24434	0.0130061	3.36549	3.36549	6.45854	15.8623	2.18313	1
cg19774236	GUCY2D	0.00775401	0.049846	2.18002	2.18002	0.0443913	2.23537	2.23537	0.210053	1.58438	1.58438	0.0564468	2.12215	2.12215	0.0146518	2.84906	2.84906	0.0188225	2.69507	2.69507	0.000371638	7.27309	7.27309	0.00926211	3.15974	3.15974	0.0169755	2.75733	2.75733	6.40673	12.3156	1.7087	1
cg04157161	GUCY2D	0.0252573	0.0136738	24.7995	24.7995	0.106564	6.39394	6.39394	0.203889	4.10357	4.10357	0.0650744	8.85385	8.85385	0.0110692	28.6316	28.6316	0.0391758	12.3395	12.3395	0.00414271	57.2353	57.2353	0.13522	5.44883	5.44883	0.0159126	22.3904	22.3904	4.34174	76.2289	15.6064	1
cg16811108	GUCY2D	0.0314016	0.0213051	3.99446	3.99446	0.00607519	6.00629	6.00629	0.847829	0.908341	-1.10091	0.705383	1.20934	1.20934	0.0831146	2.612	2.612	0.228561	1.88211	1.88211	0.030203	3.58006	3.58006	0.0101168	5.07172	5.07172	0.0461757	3.13682	3.13682	4.02092	15.9478	3.52552	1
cg03673094	GUCY2E	3.86E-05	2.70E-05	0.370186	-2.70134	0.380274	0.8977	-1.11396	0.0535029	0.768771	-1.30078	0.563631	0.932391	-1.07251	2.39E-06	0.25284	-3.95508	0.124529	1.22069	1.22069	0.150614	0.831329	-1.20289	0.000279558	0.490356	-2.03933	0.000171235	0.464943	-2.1508	28.4948	6.48874	0.202415	1
cg10109470	GUCY2E	0.000191446	0.737745	1.02983	1.02983	0.507285	1.06062	1.06062	0.125453	0.864959	-1.15612	0.0757744	0.841222	-1.18875	3.23E-05	0.493079	-2.02807	0.0443156	0.817028	-1.22395	6.12E-05	1.9101	1.9101	0.397211	1.07879	1.07879	0.0178599	1.28642	1.28642	18.5901	2.25325	0.10774	1
cg20911180	GUCY2E	0.00411918	0.00286109	0.174456	-5.73211	0.000492819	0.0980991	-10.1938	0.00498952	0.205737	-4.86058	0.00659632	0.222944	-4.48543	0.222926	0.579884	-1.72448	0.0695274	0.421561	-2.37214	0.0122008	0.264793	-3.77653	0.00580612	0.214948	-4.65228	0.0685845	0.420038	-2.38074	7.78325	22.3173	2.54876	1
cg00718791	GUCY2E	0.0159515	0.735681	1.04017	1.04017	0.825105	0.974605	-1.02606	0.00566409	1.52482	1.52482	0.00161112	0.591197	-1.69148	0.26402	0.87344	-1.1449	0.803498	0.97144	-1.0294	0.111363	0.817455	-1.22331	0.863524	1.0202	1.0202	0.375287	1.11156	1.11156	5.07611	1.08598	0.190168	1
cg27408060	GUCY2E	0.0225028	0.740499	0.918803	-1.08837	0.44215	0.818996	-1.22101	0.0697458	0.596455	-1.67657	0.980485	1.00625	1.00625	0.00108373	0.292568	-3.41801	0.0647226	0.589422	-1.69658	0.237014	1.37116	1.37116	0.0671327	0.59285	-1.68677	0.0349739	0.534692	-1.87024	4.51873	4.64603	0.91393	1
cg18285636	GUCY2E	0.0442939	0.728622	1.07118	1.07118	0.47024	0.865004	-1.15606	0.0131636	0.545061	-1.83466	0.0130242	0.544324	-1.83714	0.0644028	0.663527	-1.5071	0.343855	0.824896	-1.21227	0.00634299	0.495827	-2.01683	0.325973	0.818554	-1.22167	0.199731	0.765329	-1.30663	3.54644	2.18904	0.548666	1
cg13312968	GUCY2G	4.96E-07	0.0199243	1.30145	1.30145	0.0646928	1.2148	1.2148	0.00286151	0.680582	-1.46933	9.34E-07	0.296487	-3.37283	0.0372428	0.79712	-1.25452	2.06E-05	0.446414	-2.24007	0.00971264	1.35901	1.35901	0.0272743	1.27758	1.27758	1.91E-08	0.135136	-7.39994	87.6519	12.2073	0.123796	1
cg18014500	GUCY2G	0.0147159	0.694808	0.781367	-1.27981	0.633988	1.35001	1.35001	0.0344961	4.67752	4.67752	0.000803162	0.0422037	-23.6946	0.254653	2.10473	2.10473	0.0531823	3.953	3.953	0.600106	0.718222	-1.39233	0.935888	0.95091	-1.05162	0.292985	1.97897	1.97897	5.21353	32.325	5.5113	1
cg14770719	GUF1	0.00162571	0.0111438	0.504827	-1.98088	0.598603	1.12089	1.12089	0.00118499	0.360041	-2.77747	0.0230067	0.557575	-1.79348	0.000911457	0.344611	-2.90182	0.0716704	0.649161	-1.54045	0.000415594	0.300265	-3.33039	0.279683	0.785493	-1.27309	0.00146735	0.372831	-2.68218	10.2392	7.48482	0.649776	1
cg20953400	GUF1	0.0229107	0.444978	0.9072	-1.10229	0.273792	1.15309	1.15309	0.0170981	1.43846	1.43846	0.015662	0.690345	-1.44855	0.0896948	0.791362	-1.26364	0.860538	0.978244	-1.02224	0.00818647	0.654935	-1.52687	0.82364	1.02831	1.02831	0.360031	1.12491	1.12491	4.49087	1.11275	0.220249	1
cg05975884	GUF1	0.0268214	0.948504	1.01101	1.01101	0.121429	1.32944	1.32944	0.432666	1.14544	1.14544	0.0721247	0.711493	-1.40549	0.0309853	0.650842	-1.53647	0.674746	0.930928	-1.0742	0.00687965	0.55245	-1.81012	0.937146	1.01346	1.01346	0.0291569	1.5464	1.5464	4.25155	1.93643	0.404858	1
cg19516485	GUF1	0.0315563	0.00432076	0.653528	-1.53016	0.387633	1.10378	1.10378	0.92853	0.990047	-1.01005	0.0271225	0.74701	-1.33867	0.505578	0.927444	-1.07823	0.0774967	0.803471	-1.2446	0.0539731	1.27625	1.27625	0.398242	1.10125	1.10125	0.515309	0.92908	-1.07633	4.01387	0.790393	0.175036	1
cg26412603	GUK1;GUK1	0.0100324	0.280269	0.833274	-1.20009	0.000297149	0.384019	-2.60404	0.0102039	0.590751	-1.69276	0.0347934	0.670433	-1.49157	0.0189485	0.630168	-1.58688	0.304512	0.841301	-1.18863	0.845609	0.968815	-1.03219	0.90394	0.980571	-1.01981	0.244391	0.820447	-1.21885	5.9045	2.46959	0.371783	1
cg21950196	GUK1;GUK1	0.0303179	0.0862899	0.795649	-1.25684	0.0216335	0.717012	-1.39468	0.0693423	0.782641	-1.27773	0.309341	0.880816	-1.13531	0.00266535	0.605857	-1.65055	0.776451	0.966243	-1.03494	0.00691426	0.655942	-1.52452	0.462124	0.91366	-1.0945	0.155469	0.832479	-1.20123	4.07156	0.938285	0.204843	1
cg21615567	GUK1;GUK1	0.0307936	0.00602218	0.493687	-2.02557	0.0034605	0.45806	-2.18312	0.388552	0.840445	-1.18985	0.956854	1.0107	1.0107	0.0226241	0.584547	-1.71073	0.971549	1.00704	1.00704	0.638496	0.911122	-1.09755	0.457135	1.16062	1.16062	0.496375	0.872975	-1.14551	4.04905	2.48119	0.544696	1
cg22521182	GUK1;GUK1;GUK1	0.000161584	0.0453518	1.38508	1.38508	6.05E-05	0.349428	-2.86182	0.000314635	0.436656	-2.29013	0.0292716	1.43968	1.43968	0.00178925	1.87885	1.87885	0.0436403	1.38978	1.38978	0.00230617	0.546463	-1.82995	0.0569081	1.35765	1.35765	0.556152	0.918997	-1.08814	19.4624	6.20675	0.283475	1
cg19475988	GULP1	1.80E-07	0.00121468	1.49446	1.49446	2.32E-06	0.376534	-2.6558	4.15E-08	0.193819	-5.15946	7.08E-07	0.319775	-3.1272	1.51E-06	0.356077	-2.80838	2.35E-06	0.377243	-2.65081	3.42E-06	0.395354	-2.52938	0.000503092	1.58637	1.58637	0.0177226	0.782976	-1.27718	113.368	12.9216	0.101315	1
cg10081941	GULP1	0.00019199	0.00831164	0.525832	-1.90175	0.561741	1.11827	1.11827	0.000194472	0.302845	-3.30202	0.0188461	0.581553	-1.71953	5.23E-06	0.139491	-7.16893	0.0381561	0.632646	-1.58066	0.158833	1.33235	1.33235	0.554377	0.892308	-1.12069	0.288788	0.810738	-1.23344	18.5758	10.6801	0.511065	1
cg16874669	GULP1	0.00115235	0.031362	0.545353	-1.83368	0.00245308	0.363551	-2.75065	6.58E-05	0.172328	-5.80289	0.0355495	0.555674	-1.79962	0.595828	0.879379	-1.13717	0.0330547	1.8193	1.8193	0.00511034	0.411322	-2.43118	0.828566	1.05345	1.05345	0.965153	1.01055	1.01055	11.3016	10.3203	0.811703	1
cg04322162	GULP1	0.00135888	0.0261308	0.557009	-1.7953	0.00638831	0.455271	-2.1965	0.000464019	0.294916	-3.3908	0.563634	0.878583	-1.1382	0.00153153	0.363803	-2.74874	0.00289478	0.403309	-2.47949	0.000601642	0.309325	-3.23285	0.440169	1.19071	1.19071	0.00716148	0.463049	-2.1596	10.7814	8.39483	0.692127	1
cg24654264	GULP1	0.00378582	0.411761	1.096	1.096	0.0601504	0.793285	-1.26058	0.00101444	1.7031	1.7031	0.0077891	0.688561	-1.4523	0.00553152	0.671526	-1.48915	0.102791	0.822874	-1.21525	0.205833	0.864365	-1.15692	0.114776	1.20601	1.20601	0.402528	0.910674	-1.09809	7.98364	1.50832	0.167934	1
cg12452952	GULP1	0.00678758	0.00347149	0.191911	-5.21076	0.808494	1.10632	1.10632	0.539988	0.772465	-1.29456	0.199863	0.56919	-1.75688	0.000900934	0.126537	-7.90281	0.312379	0.647362	-1.54473	0.247513	1.65385	1.65385	0.128542	1.98094	1.98094	0.0087784	0.249374	-4.01005	6.67892	18.3156	2.4376	1
cg07828741	GULP1	0.0102621	0.0543039	1.27262	1.27262	0.000681317	1.77362	1.77362	0.0612115	1.26221	1.26221	0.173977	0.852428	-1.17312	0.127192	0.833522	-1.19973	0.07	1.25062	1.25062	0.903076	1.01354	1.01354	0.665709	0.953148	-1.04916	0.0441728	1.29076	1.29076	5.86186	1.13139	0.171563	1
cg13944644	GULP1	0.0103827	0.00848208	0.377808	-2.64685	0.343113	0.753579	-1.327	0.0943097	0.586963	-1.70368	0.143048	0.633852	-1.57766	0.00189595	0.27942	-3.57885	0.488932	0.815754	-1.22586	0.000925964	0.238626	-4.19065	0.885588	1.04259	1.04259	0.13365	0.625862	-1.5978	5.83995	7.76123	1.18132	1
cg16947583	GULP1	0.0128831	0.13094	0.524115	-1.90798	0.00132348	0.15722	-6.36051	0.00304783	0.200332	-4.99171	0.878886	0.941384	-1.06227	0.0696084	0.447588	-2.2342	0.0346499	0.376951	-2.65286	0.734925	1.1441	1.1441	0.932094	0.966804	-1.03434	0.0261454	0.351588	-2.84424	5.44618	13.5348	2.20906	1
cg19202813	GULP1	0.0132673	0.195935	0.517766	-1.93137	0.0595321	0.359298	-2.7832	0.00569632	0.1746	-5.72738	0.94607	0.967965	-1.0331	0.00210208	0.124665	-8.02151	0.506732	0.723087	-1.38296	0.0672463	2.68348	2.68348	0.181399	1.97957	1.97957	0.216854	0.535033	-1.86904	5.39414	19.7913	3.26137	1
cg00872532	GULP1	0.014579	0.313306	1.38299	1.38299	0.014437	2.55311	2.55311	0.0701145	0.53283	-1.87677	0.56658	1.19735	1.19735	0.764771	0.91092	-1.09779	0.126166	1.67275	1.67275	0.00119088	4.3806	4.3806	0.0246419	2.29787	2.29787	0.253871	1.4484	1.4484	5.22964	8.00653	1.36088	1
cg09325788	GULP1	0.0200476	0.024527	0.640279	-1.56182	0.00624008	0.552525	-1.80987	0.00998256	0.581899	-1.71851	0.0318423	1.51995	1.51995	0.829812	1.03647	1.03647	0.906622	0.980659	-1.01972	0.367054	1.16675	1.16675	0.387919	0.86305	-1.15868	0.572639	0.909481	-1.09953	4.70076	2.06225	0.389961	1
cg17141115	GULP1	0.0250371	0.00628742	0.147744	-6.76848	0.959468	0.973066	-1.02768	0.40264	0.631191	-1.58431	0.0211373	0.225494	-4.43471	0.0338311	0.264161	-3.78557	0.0367024	0.271456	-3.68383	0.00695493	0.153206	-6.52715	0.0936072	0.371334	-2.69299	0.0269035	0.244621	-4.08796	4.35499	19.9075	4.06328	1
cg18998138	GULP1	0.0378037	0.797681	0.960813	-1.04079	0.0474725	1.42308	1.42308	0.0216599	1.53578	1.53578	0.381322	0.869592	-1.14997	0.277012	1.19237	1.19237	0.0321938	0.676784	-1.47758	0.32832	1.17001	1.17001	0.94011	1.01176	1.01176	0.0156585	1.58574	1.58574	3.76025	1.44218	0.340917	1
cg04730530	GULP1	0.0409666	0.194194	1.3599	1.3599	0.0489935	0.604678	-1.65377	0.0135374	0.504612	-1.98172	0.559711	1.14112	1.14112	0.389668	1.2181	1.2181	0.58214	1.13245	1.13245	0.0116625	2.02484	2.02484	0.89659	0.971317	-1.02953	0.703777	0.918054	-1.08926	3.65084	2.89635	0.705191	1
cg13416310	GULP1	0.0426191	0.056504	0.646387	-1.54706	0.0365722	1.6339	1.6339	0.76097	0.9402	-1.0636	0.921325	0.980233	-1.02017	0.449435	0.855757	-1.16856	0.570815	0.890677	-1.12274	0.744892	1.06821	1.06821	0.00383595	0.454918	-2.1982	0.108803	0.702248	-1.424	3.59773	2.32732	0.575008	1
cg19753914	GULP1	0.0466674	0.918303	0.973839	-1.02686	0.0298945	0.516767	-1.93511	0.0225969	0.493872	-2.02482	0.0549254	0.569825	-1.75492	0.407973	0.80357	-1.24445	0.242685	1.37151	1.37151	0.0396009	1.8495	1.8495	0.670429	0.895291	-1.11696	0.166554	0.683102	-1.46391	3.4777	3.67715	0.939867	1
cg25703534	GUSB	0.000517592	0.0531936	0.787511	-1.26982	0.000143419	0.490351	-2.03935	0.379855	1.10292	1.10292	0.0118663	1.40716	1.40716	0.000141647	0.489724	-2.04197	0.221793	1.14987	1.14987	0.0212372	0.739949	-1.35144	0.0213286	0.740167	-1.35105	0.0202178	0.737455	-1.35601	14.154	2.65104	0.166488	1
cg11367038	GUSB	0.00124693	0.963433	1.01149	1.01149	0.00421916	0.384828	-2.59856	0.0223428	0.505435	-1.97849	0.254763	1.34499	1.34499	0.000112322	0.184188	-5.42923	0.00326888	0.368123	-2.71649	0.00167043	0.326117	-3.06638	0.0569562	0.584535	-1.71076	0.00792367	0.427945	-2.33675	11.05	10.873	0.874645	1
cg13944903	GUSB	0.00128077	0.0598815	1.64827	1.64827	0.0915641	1.54853	1.54853	0.335812	0.791671	-1.26315	0.0790686	0.631946	-1.58241	0.00127171	0.330714	-3.02376	0.000349078	3.87001	3.87001	0.00384855	0.399792	-2.5013	0.647938	0.897435	-1.11429	0.574131	1.143	1.143	10.9657	9.62225	0.779985	1
cg04290133	GUSB	0.00219746	0.00209157	0.228932	-4.3681	0.429488	0.759849	-1.31605	0.0101774	0.331696	-3.01481	0.131112	0.574027	-1.74208	0.0687304	0.499702	-2.00119	0.000350285	0.141319	-7.0762	0.00150459	0.210678	-4.74657	0.939816	1.02605	1.02605	0.00153746	0.211845	-4.72042	9.38045	17.2273	1.63245	1
cg06717492	GUSB	0.00572776	0.1244	0.847638	-1.17975	0.0377112	0.787039	-1.27058	0.988312	0.998546	-1.00146	0.00383352	0.678912	-1.47295	0.000474357	0.579653	-1.72517	0.00888662	0.718342	-1.39209	0.00390096	0.67973	-1.47117	0.371321	0.912831	-1.09549	0.13536	0.85221	-1.17342	7.0392	1.10055	0.138975	1
cg25974476	GUSB	0.00966254	0.139058	0.625495	-1.59873	0.000522397	0.203164	-4.92212	0.0136026	0.406708	-2.45877	0.0724915	0.554008	-1.80503	0.00503696	0.335149	-2.98375	0.486068	0.811738	-1.23192	0.37563	1.30729	1.30729	0.513364	0.822559	-1.21572	0.152606	0.636684	-1.57064	5.97579	8.21902	1.22257	1
cg18219226	GUSB	0.0134247	0.621379	0.949308	-1.0534	0.429585	0.919195	-1.08791	0.369369	0.908161	-1.10113	0.928434	0.990657	-1.00943	0.00183924	0.629844	-1.5877	0.228179	0.876192	-1.1413	0.00257943	0.64626	-1.54736	0.00361542	0.662615	-1.50917	0.16172	0.855437	-1.16899	5.37335	0.929241	0.15372	1
cg04073061	GUSB	0.0198051	0.0519855	0.497092	-2.0117	0.0112732	0.366585	-2.72788	0.381677	0.753022	-1.32798	0.880216	1.04883	1.04883	0.0149457	0.388252	-2.57565	0.0240144	2.34228	2.34228	0.389303	1.3217	1.3217	0.125517	0.592039	-1.68908	0.0425038	0.477825	-2.09282	4.72023	7.4723	1.40714	1
cg16279775	GUSB	0.0236005	0.0938266	1.58426	1.58426	0.0579186	0.585464	-1.70805	0.282414	1.32173	1.32173	0.495251	1.18879	1.18879	0.0146901	0.472334	-2.11715	0.0212812	0.500934	-1.99627	0.0198757	0.495567	-2.01789	0.962938	0.988463	-1.01167	0.247853	1.35215	1.35215	4.44514	4.39042	0.877947	1
cg19198652	GUSB	0.0259246	0.0786497	0.526193	-1.90044	0.00091228	0.195939	-5.10363	0.192859	0.635686	-1.5731	0.582215	0.83305	-1.20041	0.0098914	0.342501	-2.9197	0.163098	0.612989	-1.63135	0.441622	0.77264	-1.29426	0.638658	0.855999	-1.16823	0.0618472	0.500906	-1.99638	4.30243	7.36424	1.52146	1
cg09796320	GUSB	0.0263259	0.645217	0.848829	-1.17809	0.0944717	0.522127	-1.91524	0.574474	0.818275	-1.22208	0.955204	1.02006	1.02006	0.000603593	0.154143	-6.4875	0.034926	0.419384	-2.38445	0.67364	0.860922	-1.16155	0.453553	1.30986	1.30986	0.615563	0.836113	-1.19601	4.2794	8.47065	1.75947	1
cg08769356	GUSB;GUSB	0.00225253	3.20E-05	0.231591	-4.31796	0.483237	1.13742	1.13742	0.576107	0.902963	-1.10747	0.0165894	0.589333	-1.69683	0.914026	0.980673	-1.01971	0.169141	0.767416	-1.30307	0.482232	0.87891	-1.13777	0.0183857	0.596331	-1.67692	0.634169	0.917012	-1.0905	9.31273	4.81682	0.45976	1
cg13837916	GUSBL1	0.00225782	0.759707	1.07408	1.07408	0.559374	1.14742	1.14742	0.0178344	0.511261	-1.95595	0.484598	1.17993	1.17993	4.38E-05	0.164354	-6.08444	0.569468	0.874659	-1.1433	0.102498	1.51622	1.51622	0.428794	1.20704	1.20704	0.965495	1.01013	1.01013	9.30634	7.99814	0.763938	1
cg18867708	GUSBL1	0.0107675	0.247208	1.1866	1.1866	0.0633469	1.34348	1.34348	0.450365	0.896948	-1.11489	0.104973	1.2847	1.2847	0.0129758	0.646624	-1.54649	0.00436194	0.583615	-1.71346	0.0132932	0.648048	-1.5431	0.699225	1.05643	1.05643	0.0836981	0.762859	-1.31086	5.77208	1.82795	0.2815	1
cg12826209	GUSBL1	0.0155158	0.343192	0.765605	-1.30616	0.0827287	1.69141	1.69141	0.96113	1.01342	1.01342	0.771625	0.923484	-1.08286	0.00058556	0.233757	-4.27795	0.0225649	0.473767	-2.11074	0.659565	1.12891	1.12891	0.626817	1.14341	1.14341	0.710824	1.10723	1.10723	5.12301	6.06987	1.05318	1
cg24350202	GUSBL2	0.00249971	0.0211192	0.702373	-1.42375	0.000355956	0.481749	-2.07577	0.0546853	0.757546	-1.32005	0.00193464	0.571843	-1.74873	0.140838	0.817249	-1.22362	0.00206326	0.575292	-1.73825	0.0128077	0.674428	-1.48274	0.00130465	0.550773	-1.81563	0.172844	0.831254	-1.203	9.03235	2.32202	0.228514	1
cg17976157	GUSBL2	0.0172038	0.00856928	0.162683	-6.14692	0.0827594	0.353311	-2.83036	0.741342	0.835796	-1.19646	0.556678	0.724755	-1.37978	0.00450488	0.128706	-7.76965	0.0317132	0.255734	-3.91032	0.00566894	0.140111	-7.1372	0.0567268	0.311026	-3.21516	0.0151056	0.198528	-5.03708	4.94971	22.9879	4.12827	1
cg02449727	GUSBL2	0.0403911	0.0399952	0.294597	-3.39447	0.0119873	0.199132	-5.02179	0.0299636	0.268545	-3.72377	0.839253	1.11024	1.11024	0.0186027	0.230153	-4.34493	0.194492	0.493292	-2.0272	0.0155963	0.217244	-4.60312	0.0657479	0.345367	-2.89547	0.235091	0.526907	-1.89787	3.66995	15.4079	3.7319	1
cg12050045	GVIN1	0.0438269	0.030944	0.139852	-7.1504	0.104769	0.25243	-3.96149	0.041945	0.161997	-6.17295	0.0833493	0.22574	-4.42988	0.0266124	0.129983	-7.69334	0.404174	0.515413	-1.94019	0.00763092	0.0697092	-14.3453	0.0843147	0.227008	-4.40513	0.0191417	0.110649	-9.03756	3.5605	33.9987	8.48788	1
cg23514543	GXYLT1;GXYLT1	1.27E-05	7.19E-05	0.197343	-5.06733	7.07E-05	0.196587	-5.0868	0.00120935	0.345196	-2.8969	0.942108	1.01643	1.01643	8.39E-05	0.204333	-4.89396	0.000413564	0.284298	-3.51744	9.58E-07	0.055035	-18.1703	0.395823	1.2155	1.2155	3.76E-05	0.169196	-5.91032	38.1245	30.4128	0.709087	1
cg21226546	GXYLT1;GXYLT1	0.00346841	0.3725	0.901762	-1.10894	0.234008	0.86857	-1.15132	0.0041761	1.54265	1.54265	0.00463404	1.53022	1.53022	0.164249	0.845677	-1.18248	0.330795	0.892853	-1.12001	0.431983	0.913405	-1.0948	0.815958	1.02668	1.02668	0.000630516	0.552474	-1.81004	8.19601	1.65576	0.179574	1
cg17858316	GXYLT1;GXYLT1	0.00441067	0.00502231	0.27391	-3.65084	0.42697	0.753528	-1.32709	0.378643	0.729685	-1.37045	0.896817	0.955742	-1.04631	0.000199382	0.113105	-8.84132	0.0164864	0.359789	-2.7794	0.00843043	0.309201	-3.23414	0.716833	1.13551	1.13551	0.0294331	0.408683	-2.44689	7.62394	14.6983	1.7137	1
cg22968445	GXYLT1;GXYLT1	0.00709453	0.790373	1.04987	1.04987	0.000237697	0.328916	-3.04029	0.755782	1.05865	1.05865	0.776399	0.949316	-1.05339	0.95461	1.01045	1.01045	0.163124	0.761919	-1.31248	0.527425	0.889624	-1.12407	0.322184	1.20539	1.20539	0.0117551	1.77686	1.77686	6.5875	3.48112	0.469728	1
cg08682401	GXYLT1;GXYLT1	0.0189754	0.212604	1.55452	1.55452	0.851681	1.06492	1.06492	0.052833	0.477302	-2.09511	0.0228607	0.400475	-2.49703	0.00367404	0.267187	-3.74269	0.0755798	1.94396	1.94396	0.147655	0.593305	-1.68547	0.43057	0.763098	-1.31045	0.164703	1.64565	1.64565	4.78915	8.56595	1.58988	1
cg00106074	GXYLT1;GXYLT1	0.0212482	0.604886	0.782749	-1.27755	0.0347318	3.17456	3.17456	0.182204	1.94343	1.94343	0.426154	0.682941	-1.46426	?	?	?	0.00218864	0.133142	-7.51076	0.173931	1.97161	1.97161	0.306667	1.64323	1.64323	0.278425	1.69708	1.69708	4.69132	14.5457	3.10055	1
cg13431800	GXYLT1;GXYLT1	0.0273518	0.0304364	0.202306	-4.943	0.00287354	0.0760826	-13.1436	0.0930527	0.313264	-3.1922	0.233973	0.456664	-2.18979	0.0101158	0.130256	-7.67718	0.104155	0.327569	-3.05279	0.0201746	0.172028	-5.81302	0.585199	0.707349	-1.41373	0.0484197	0.242544	-4.12296	4.22243	26.3899	5.5555	1
cg10694539	GXYLT1;GXYLT1;GXYLT1;GXYLT1	0.00325479	0.0583245	0.594441	-1.68225	0.00185852	2.92615	2.92615	0.156674	1.44529	1.44529	0.21202	1.3766	1.3766	0.0633786	0.601956	-1.66125	0.00293339	0.370329	-2.7003	0.00548896	2.42944	2.42944	0.856342	1.04504	1.04504	0.181433	1.41185	1.41185	8.35308	7.81953	0.832111	1
cg16580556	GXYLT2	0.00121236	0.279472	1.21818	1.21818	0.0302396	0.639408	-1.56395	0.656262	0.924382	-1.0818	0.789598	1.04806	1.04806	0.0426942	1.50611	1.50611	0.0151938	1.6878	1.6878	2.56E-05	4.32844	4.32844	0.0724393	1.42169	1.42169	0.815638	1.04185	1.04185	11.1392	5.43545	0.433741	1
cg05450804	GXYLT2	0.00207908	0.159167	1.32487	1.32487	0.00257293	0.457753	-2.18458	0.00112366	0.407938	-2.45136	0.0617301	0.674762	-1.48201	0.16385	1.32019	1.32019	0.613631	0.909203	-1.09986	0.00135499	2.38661	2.38661	0.255895	1.24825	1.24825	0.469352	0.871424	-1.14755	9.53348	5.27787	0.492101	1
cg11343938	GXYLT2	0.00235906	0.0429375	1.58908	1.58908	0.00189993	2.39836	2.39836	0.000469189	2.98326	2.98326	0.386353	1.19309	1.19309	0.0263121	1.68849	1.68849	0.115443	1.40529	1.40529	0.000247428	3.33047	3.33047	0.0211802	1.73488	1.73488	0.452786	1.16423	1.16423	9.1874	5.7514	0.556452	1
cg24532188	GXYLT2	0.00363675	0.36681	0.774594	-1.291	0.00047506	0.220526	-4.53462	0.00149597	0.283314	-3.52966	0.677165	0.891057	-1.12226	0.00351391	0.336029	-2.97594	0.787878	0.928395	-1.07713	0.00223796	0.307522	-3.2518	0.137275	0.643429	-1.55417	0.238769	0.711831	-1.40483	8.0805	9.7133	1.0685	1
cg17541025	GXYLT2	0.00657624	0.231029	1.33439	1.33439	0.259593	1.31001	1.31001	0.69565	1.09447	1.09447	0.970837	0.991641	-1.00843	0.0186341	1.9249	1.9249	0.315054	1.26939	1.26939	8.48E-05	5.06336	5.06336	0.130009	1.45575	1.45575	0.161875	1.4091	1.4091	6.74491	5.63183	0.742199	1
cg01310884	GXYLT2	0.0234001	0.455019	0.827425	-1.20857	0.299814	0.765292	-1.30669	0.0260787	0.518234	-1.92963	0.0708276	0.605006	-1.65288	0.729595	0.91724	-1.09023	0.950759	0.984743	-1.01549	0.0014838	3.13053	3.13053	0.827817	0.947216	-1.05572	0.462846	0.830236	-1.20448	4.45825	4.37609	0.872507	1
cg18641433	GXYLT2	0.0252716	0.369376	0.808821	-1.23637	0.315449	1.26985	1.26985	0.0683134	1.59961	1.59961	0.152027	1.42359	1.42359	0.00260645	0.382965	-2.61121	0.748963	1.07669	1.07669	0.0314974	1.78701	1.78701	0.674264	0.907291	-1.10218	0.439502	0.834052	-1.19897	4.34088	3.6418	0.745736	1
cg07881171	GXYLT2	0.0378318	0.410018	1.40227	1.40227	0.630635	0.823321	-1.21459	0.148377	1.86283	1.86283	0.406962	1.40551	1.40551	0.819599	0.91241	-1.096	0.00137156	0.155159	-6.445	0.335434	1.48972	1.48972	0.152232	0.540414	-1.85043	0.880162	0.941257	-1.06241	3.75923	9.587	2.2669	1
cg06123891	GYG1	0.000135732	0.000438391	0.253593	-3.94333	0.0119262	0.460703	-2.1706	0.00176122	0.33266	-3.00607	0.00623212	0.414516	-2.41245	0.000173839	0.207197	-4.82632	0.00157445	0.32587	-3.06871	9.93E-05	0.181567	-5.50761	0.655236	1.1174	1.1174	2.05E-05	0.119357	-8.3782	20.3986	19.7097	0.858869	1
cg10524983	GYG1	0.017429	0.669771	1.17114	1.17114	0.0124382	0.318074	-3.14392	0.0265337	0.379709	-2.6336	0.0114402	0.311801	-3.20718	0.0527685	0.444524	-2.2496	0.148809	1.76864	1.76864	0.0190358	0.351574	-2.84435	0.715651	0.873957	-1.14422	0.189726	1.66782	1.66782	4.92819	10.5847	1.90915	1
cg20725035	GYG1	0.033516	0.813651	1.04199	1.04199	0.00378182	1.97519	1.97519	0.119402	1.34231	1.34231	0.090728	1.38356	1.38356	0.492993	1.12895	1.12895	0.267852	1.22271	1.22271	0.112856	1.35073	1.35073	0.0113127	1.73772	1.73772	0.00933593	1.77604	1.77604	3.92808	1.88805	0.427249	1
cg18599996	GYG1	0.0362389	0.495345	0.78597	-1.27231	0.258203	1.50742	1.50742	0.0902809	1.91431	1.91431	0.476813	1.28613	1.28613	0.0706469	0.495236	-2.01924	0.299928	0.688197	-1.45307	0.00319947	0.246613	-4.05493	0.0769377	0.504492	-1.98219	0.75828	0.898187	-1.11335	3.81865	7.3183	1.70353	1
cg10256468	GYG1	0.0377531	0.0583543	0.591812	-1.68973	0.710096	0.9125	-1.09589	0.276543	0.75764	-1.31989	0.0238901	0.516343	-1.9367	0.00218171	0.348476	-2.86964	0.195973	0.715099	-1.39841	0.891979	1.03388	1.03388	0.93599	1.01989	1.01989	0.0313736	0.538394	-1.85737	3.76209	3.58313	0.846605	1
cg03506684	GYG2;GYG2	0.00030902	0.0204688	0.78719	-1.27034	9.05E-05	1.82161	1.82161	0.734233	1.02963	1.02963	0.113504	0.862814	-1.159	0.00777624	0.74615	-1.34021	0.000218564	0.589745	-1.69565	0.00908628	1.32847	1.32847	0.105522	1.1636	1.1636	0.358664	0.922311	-1.08423	16.3173	1.89722	0.103352	1
cg25172603	GYG2;GYG2	0.0243278	0.0580831	2.58364	2.58364	0.328673	1.56324	1.56324	0.168384	1.9164	1.9164	0.0275731	3.17276	3.17276	0.289623	1.62754	1.62754	0.0298269	3.10446	3.10446	0.000735105	9.70964	9.70964	0.0782131	2.37989	2.37989	0.244911	1.71432	1.71432	4.39867	13.6803	2.76453	1
cg05113908	GYG2;GYG2	0.0286309	0.00845517	14.4026	14.4026	0.404795	1.96647	1.96647	0.777819	1.2516	1.2516	0.917058	0.920682	-1.08615	0.340599	0.458809	-2.17955	0.658279	0.702488	-1.42351	0.771094	1.26042	1.26042	0.00207818	31.1406	31.1406	0.0542726	5.65621	5.65621	4.155	41.4167	8.86037	1
cg16158045	GYG2;GYG2	0.0375353	0.0420465	4.2335	4.2335	0.16377	2.49769	2.49769	0.497104	1.5291	1.5291	0.0176565	5.91751	5.91751	0.394842	1.71054	1.71054	0.0129007	6.69614	6.69614	0.00339726	11.6227	11.6227	0.0981386	3.05724	3.05724	0.465374	1.58035	1.58035	3.77005	22.6558	5.3417	1
cg14801701	GYLTL1B	0.000160942	0.872914	0.976993	-1.02355	0.679029	0.941294	-1.06237	0.887656	1.02076	1.02076	0.0324986	0.694951	-1.43895	0.000214247	0.407087	-2.45647	3.97E-05	0.319052	-3.13429	2.16E-05	0.288844	-3.46208	0.407129	1.13122	1.13122	0.0068884	0.601311	-1.66303	19.4834	6.52338	0.297616	1
cg20608085	GYLTL1B	0.0012732	0.528414	0.879961	-1.13641	0.0393977	1.61143	1.61143	0.10857	0.704379	-1.41969	0.00922059	1.9382	1.9382	0.00088412	0.368759	-2.7118	0.00425102	2.15119	2.15119	0.920772	0.980279	-1.02012	0.000689625	2.82158	2.82158	0.356707	1.20899	1.20899	10.9844	6.97348	0.564316	1
cg23385550	GYLTL1B	0.0025974	9.08E-05	0.364692	-2.74204	0.353711	0.871466	-1.14749	0.656198	1.06673	1.06673	0.94619	1.00978	1.00978	0.519217	0.910091	-1.09879	0.000729397	0.476876	-2.09698	0.47017	0.899485	-1.11175	0.599154	1.07947	1.07947	0.860917	1.02561	1.02561	8.93092	2.94045	0.292661	1
cg07811421	GYLTL1B	0.00657734	0.04478	0.611012	-1.63663	0.378378	0.824247	-1.21323	0.00679187	0.472285	-2.11737	0.1533	0.72107	-1.38683	0.0191274	0.545297	-1.83386	0.0607655	0.636296	-1.57159	0.000170459	0.254917	-3.92285	0.0442913	0.610122	-1.63902	0.318925	0.802287	-1.24644	6.74456	4.88562	0.643892	1
cg04573976	GYLTL1B	0.0128005	0.108939	0.77915	-1.28345	0.437712	0.893147	-1.11964	0.0040496	0.576398	-1.73491	0.0830432	0.760368	-1.31515	0.00372609	0.571654	-1.74931	0.997988	0.99964	-1.00036	0.0387129	1.40739	1.40739	0.164135	1.23605	1.23605	0.427876	0.890879	-1.12249	5.45763	1.76134	0.286871	1
cg17980610	GYLTL1B	0.0289316	0.0157032	0.600259	-1.66595	0.0180214	1.64098	1.64098	0.0869426	0.721911	-1.38521	0.664098	0.927449	-1.07823	0.0318499	0.648169	-1.54281	0.132649	1.32272	1.32272	0.671758	1.07624	1.07624	0.91127	0.980968	-1.0194	0.124747	0.750904	-1.33173	4.13968	1.94811	0.418306	1
cg18738955	GYLTL1B	0.0295096	0.727864	1.10734	1.10734	0.811071	0.932492	-1.0724	0.0519319	0.524417	-1.90688	0.688648	1.12475	1.12475	0.00633335	0.354355	-2.82203	0.100359	0.59133	-1.6911	0.00325527	0.310046	-3.22532	0.180334	0.660188	-1.51472	0.0893233	0.578807	-1.72769	4.1108	5.54608	1.19924	1
cg16335858	GYLTL1B	0.0440937	0.0207843	0.311264	-3.2127	0.735872	1.15256	1.15256	0.342762	0.663719	-1.50666	0.105556	2.09909	2.09909	0.00383004	0.194987	-5.12855	0.935292	1.03464	1.03464	0.839174	1.08896	1.08896	0.559093	1.28113	1.28113	0.256155	0.608307	-1.64391	3.55244	9.89466	2.47583	1
cg07298299	GYLTL1B;GYLTL1B	0.0300619	0.262507	0.723834	-1.38153	0.239989	0.711516	-1.40545	0.970013	1.01045	1.01045	0.0328616	1.99468	1.99468	0.00603621	0.37073	-2.69738	0.185292	1.47492	1.47492	0.175291	0.671159	-1.48996	0.0678675	1.7608	1.7608	0.361374	1.29636	1.29636	4.08384	4.9499	1.0774	1
cg16422931	GYPA	0.0172749	0.107499	0.724057	-1.38111	0.389758	1.17586	1.17586	0.0910275	0.710227	-1.408	0.189594	0.774605	-1.29098	0.000825032	0.396157	-2.52425	0.782178	1.05226	1.05226	0.0154775	0.57929	-1.72625	0.872583	1.02994	1.02994	0.0547198	0.669963	-1.49262	4.94287	2.64493	0.475644	1
cg17129149	GYPA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05188963	GYPB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24064594	GYPC;GYPC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01835506	GYPC;GYPC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17105014	GYPC;GYPC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05246081	GYPC;GYPC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08129583	GYPC;GYPC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01342981	GYPC;GYPC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24772388	GYPC;GYPC	0.0114561	0.0150041	0.370627	-2.69813	0.00172117	0.22653	-4.41442	0.0273074	0.420243	-2.37958	0.103232	0.553426	-1.80693	0.641266	1.16855	1.16855	0.996027	1.00165	1.00165	0.0846214	1.88353	1.88353	0.153857	0.602413	-1.65999	0.0158064	0.374744	-2.66849	5.65786	9.87426	1.55132	1
cg25390440	GYPC;GYPC	0.0175712	0.0324513	0.25451	-3.92911	0.00994817	0.168759	-5.9256	0.637598	0.771575	-1.29605	0.0359474	0.26353	-3.79464	0.00510878	0.13237	-7.55456	0.150294	0.430528	-2.32273	0.0562687	3.25911	3.25911	0.0485024	0.291748	-3.42761	0.589207	0.742337	-1.3471	4.91477	23.2507	4.20513	1
cg15768103	GYPC;GYPC	0.0357526	0.45576	1.47331	1.47331	0.30673	1.71565	1.71565	0.000863815	12.8224	12.8224	0.266525	0.554019	-1.80499	0.238496	0.532696	-1.87724	0.540897	0.729227	-1.37132	0.654201	1.2586	1.2586	0.880439	0.926093	-1.0798	0.894894	1.06975	1.06975	3.83743	15.8157	3.66349	1
cg03731896	GYS1;GYS1;GYS1	8.59E-05	0.179775	0.681771	-1.46677	0.0012106	3.57523	3.57523	0.000356157	4.66978	4.66978	0.000182385	5.48224	5.48224	0.45729	0.815851	-1.22571	0.196839	1.44321	1.44321	9.83E-05	6.4235	6.4235	1.02E-05	12.692	12.692	0.0850959	1.66842	1.66842	23.0552	26.3957	1.01768	1
cg14449918	GYS1;GYS1;GYS1	0.00762137	0.691939	0.934194	-1.07044	0.395992	0.861934	-1.16018	0.71782	0.939855	-1.06399	0.190274	0.788919	-1.26756	0.000320587	0.369612	-2.70554	0.842084	1.03468	1.03468	0.0178736	1.63561	1.63561	0.321867	1.19116	1.19116	0.100175	1.36054	1.36054	6.44151	2.98056	0.411299	1
cg25785679	GYS1;GYS1;RUVBL2;GYS1	0.00726009	0.00019207	0.258281	-3.87175	0.609898	0.895022	-1.11729	0.133264	0.705343	-1.41775	0.545324	0.87641	-1.14102	0.444931	1.18275	1.18275	0.12705	1.42714	1.42714	0.907986	1.02523	1.02523	0.215072	1.3248	1.3248	0.128328	1.42517	1.42517	6.54021	4.81165	0.653959	1
cg24457886	GYS1;RUVBL2;GYS1;GYS1;GYS1;GYS1	0.033378	?	?	?	0.013937	0.30904	-3.23583	0.104201	0.519588	-1.9246	?	?	?	?	?	?	0.872509	1.05897	1.05897	?	?	?	?	?	?	0.0194311	0.338553	-2.95374	5.47415	4.6686	1.27927	1
cg06141025	GYS2	0.000178974	0.00115559	0.552243	-1.8108	0.742385	1.04188	1.04188	0.61628	0.939095	-1.06485	1.34E-05	0.321828	-3.10725	0.000648108	0.521729	-1.9167	0.217345	0.850938	-1.17517	0.0123849	0.678956	-1.47285	0.00560695	1.57192	1.57192	0.00201278	0.581608	-1.71937	18.9322	4.6379	0.217754	1
cg05149245	GYS2	0.0364763	0.589317	1.09789	1.09789	0.00558261	0.535955	-1.86583	0.0767629	0.713697	-1.40116	0.171738	1.28314	1.28314	0.108744	1.34955	1.34955	0.32777	0.841047	-1.18899	0.0883695	1.38015	1.38015	0.362081	1.17414	1.17414	0.32725	0.840881	-1.18923	3.80959	1.77177	0.413406	1
cg04184278	GYS2;GYS2	0.0026793	0.0941597	1.66167	1.66167	0.0274986	0.487017	-2.05332	0.00742197	0.38611	-2.58994	0.0302921	0.495211	-2.01934	0.000181785	0.174264	-5.73841	0.0320081	0.49993	-2.00028	0.589319	0.860371	-1.16229	0.0791545	1.71235	1.71235	0.241561	0.713004	-1.40252	8.84949	10.6726	1.07202	1
cg15016079	GZF1	0.000263058	9.76E-05	0.215592	-4.6384	0.329748	1.24964	1.24964	4.22E-05	0.177951	-5.61952	0.87052	1.03681	1.03681	0.869578	0.964244	-1.03708	0.852968	1.04197	1.04197	0.215717	0.749233	-1.3347	0.359116	1.23236	1.23236	0.000181147	0.245704	-4.06994	17.0516	13.2587	0.69117	1
cg06301496	GZF1	0.000340785	0.220972	0.865883	-1.15489	9.41E-05	2.17957	2.17957	0.000152224	2.06914	2.06914	0.124107	0.829964	-1.20487	0.0734194	0.799788	-1.25033	0.0022784	0.62027	-1.6122	0.390327	0.906181	-1.10353	0.629132	0.946991	-1.05598	0.07676	1.24645	1.24645	15.8852	3.15145	0.176346	1
cg08131626	GZF1	0.000422434	0.934058	0.985368	-1.01485	0.335584	1.19347	1.19347	0.198494	0.785021	-1.27385	0.168936	0.770232	-1.29831	3.02E-05	0.233782	-4.27749	0.000191297	0.326476	-3.06301	0.00304645	0.485296	-2.0606	0.0415696	1.51973	1.51973	0.446824	0.871005	-1.1481	14.9731	7.52354	0.446642	1
cg01539186	GZF1	0.000784686	0.00677523	0.609861	-1.63972	0.015907	0.659625	-1.51601	0.000514277	2.1467	2.1467	0.0484907	1.37388	1.37388	0.0238981	0.684003	-1.46198	0.0831621	0.763143	-1.31037	0.00100837	0.502766	-1.989	0.0133086	0.649091	-1.54062	0.205615	1.20703	1.20703	12.6004	3.96277	0.279551	1
cg26170257	GZF1	0.0114984	0.0346932	1.57982	1.57982	0.00377685	0.483906	-2.06652	0.304338	1.21845	1.21845	0.0214791	1.67039	1.67039	0.028988	1.61304	1.61304	0.190463	1.2937	1.2937	0.426548	1.16275	1.16275	0.840026	0.963156	-1.03825	0.051737	0.662862	-1.50861	5.65112	3.08753	0.485651	1
cg05648002	GZMA	0.000587497	0.263775	0.798818	-1.25185	0.0108613	1.85283	1.85283	0.000578364	0.358211	-2.79165	0.335874	0.825847	-1.21088	0.000101822	0.265206	-3.77065	0.00808457	0.519944	-1.92328	0.000727885	0.371342	-2.69294	0.906272	1.02297	1.02297	0.566569	0.894308	-1.11818	13.6639	8.04613	0.523433	1
cg06058187	GZMA	0.00135327	0.0468528	0.355564	-2.81243	0.133436	0.479199	-2.08682	0.0450226	0.351589	-2.84423	0.00838627	0.216447	-4.62008	0.00222345	0.14266	-7.00966	0.00370331	0.168263	-5.94308	6.32E-05	0.0351987	-28.4101	0.096609	0.43651	-2.2909	0.00127659	0.118251	-8.4566	10.7942	35.3051	2.90735	1
cg26052194	GZMA	0.0222232	0.00240261	0.109538	-9.12926	0.0316649	0.267844	-3.73352	0.0548264	0.320172	-3.12332	0.954586	1.03023	1.03023	0.780035	0.863804	-1.15767	0.0107465	0.187088	-5.34508	0.978865	0.986242	-1.01395	0.132517	0.427903	-2.33698	0.017048	0.218484	-4.57699	4.53819	19.6559	3.84998	1
cg13566919	GZMA	0.0226243	0.00653104	0.106946	-9.35049	0.0395791	0.221877	-4.507	0.179861	0.406153	-2.46213	0.0191073	0.166279	-6.014	0.325005	0.525766	-1.90199	0.00518537	0.0969054	-10.3193	0.109636	0.331782	-3.01403	0.999958	0.999967	-1.00003	0.010837	0.132118	-7.569	4.51037	28.5831	5.63307	1
cg03875678	GZMB	6.58E-06	3.31E-07	0.0662413	-15.0963	0.0150771	0.578727	-1.72793	0.000839978	0.398604	-2.50875	0.00841056	0.539943	-1.85205	1.93E-05	0.204313	-4.89446	0.000280647	0.337032	-2.96707	1.29E-05	0.186873	-5.35123	0.000637317	0.382751	-2.61266	1.03E-05	0.177453	-5.63529	45.2157	24.0096	0.472002	1
cg08766149	GZMB	0.000510247	3.53E-05	0.0568852	-17.5793	0.463402	0.764953	-1.30727	0.0769704	0.493607	-2.0259	0.394308	0.731085	-1.36783	0.355586	1.40656	1.40656	0.00290175	0.230018	-4.34749	0.148746	1.74364	1.74364	0.0028233	0.228412	-4.37805	0.000420078	0.134376	-7.44182	14.2103	29.0055	1.81436	1
cg16212145	GZMB	0.00261454	0.000640866	0.0840501	-11.8977	0.00878014	0.206572	-4.84092	0.0547476	0.357164	-2.79983	0.162351	0.494153	-2.02366	0.00220762	0.131685	-7.59386	0.0601548	0.36718	-2.72346	0.00300841	0.146267	-6.83683	0.000932179	0.0968167	-10.3288	0.00656661	0.188578	-5.30283	8.91361	31.5241	3.14366	1
cg18118198	GZMB	0.0034574	0.000305876	0.0816583	-12.2461	0.0475298	0.379727	-2.63347	0.0124802	0.26502	-3.77329	0.014987	0.278674	-3.58843	0.0255654	0.321953	-3.10605	0.00365908	0.186551	-5.36048	0.168798	0.534516	-1.87085	0.0173698	0.2901	-3.44708	0.00168178	0.146848	-6.80977	8.20381	23.7144	2.56947	1
cg11025037	GZMB	0.0220926	0.0654446	0.22035	-4.53823	0.00236706	0.0449945	-22.225	0.0328173	0.160999	-6.21122	0.263422	0.426223	-2.34619	0.0228688	0.136463	-7.32802	0.180782	0.353647	-2.82768	0.00846215	0.0855171	-11.6936	0.0587108	0.20973	-4.76804	0.0260791	0.144947	-6.89907	4.54738	38.5353	7.5326	1
cg08232654	GZMH	0.000177279	9.91E-06	0.0721042	-13.8688	0.0143053	0.433133	-2.30876	0.323986	0.75415	-1.326	0.00103033	0.260004	-3.8461	0.00397846	0.342139	-2.92279	0.00539781	0.362574	-2.75806	0.0755285	1.72985	1.72985	0.0275624	0.485875	-2.05814	0.000154302	0.16594	-6.02626	18.981	23.0667	1.08022	1
cg02150910	GZMH	0.00416613	0.00506246	0.144007	-6.9441	0.0964306	0.385042	-2.59712	0.00803967	0.1694	-5.90319	0.328389	0.590085	-1.69467	0.00368792	0.128455	-7.78481	0.890272	0.930366	-1.07485	0.00098091	0.0770887	-12.9721	0.00540658	0.147417	-6.7835	0.00355496	0.126743	-7.88999	7.75666	33.5879	3.84907	1
cg14597388	GZMK	0.000200445	0.000251217	0.0982486	-10.1783	1.36E-05	0.0303265	-32.9744	0.00580396	0.249439	-4.009	0.0140448	0.311837	-3.20681	0.0016926	0.178403	-5.6053	0.00233268	0.195288	-5.12065	0.000160843	0.0840144	-11.9027	0.555923	0.795413	-1.25721	0.00918748	0.280534	-3.56463	18.3601	42.9402	2.07892	1
cg04705866	GZMK	0.0142855	0.00378168	0.372603	-2.68383	0.174467	1.44049	1.44049	0.00152788	0.315781	-3.16675	0.774148	1.0754	1.0754	0.0292787	0.522641	-1.91336	0.618797	0.880963	-1.13512	0.334491	0.777634	-1.28595	0.342823	0.78119	-1.2801	0.0984326	0.632597	-1.58078	5.26481	5.32345	0.898791	1
cg03979311	GZMK	0.0244838	0.0201285	0.229689	-4.35372	0.654992	1.26618	1.26618	0.0360774	0.278247	-3.59393	0.149226	0.444159	-2.25145	0.0130567	0.198726	-5.03205	0.471217	1.46903	1.46903	0.00484733	0.140808	-7.10188	0.981046	0.987612	-1.01254	0.049993	0.309471	-3.23132	4.38893	19.1405	3.87653	1
cg15799791	GZMM	0.000334153	0.790361	1.05389	1.05389	0.186724	0.759024	-1.31748	0.00566551	0.489172	-2.04427	0.230521	0.780516	-1.2812	7.88E-06	0.145358	-6.87957	0.0186647	0.570263	-1.75358	0.010525	1.88532	1.88532	0.769956	1.05947	1.05947	0.0171538	0.564276	-1.77218	15.9712	9.81644	0.546343	1
cg16987876	GZMM	0.0254486	0.016817	0.305292	-3.27555	0.15077	0.534566	-1.87068	0.18613	0.565469	-1.76844	0.734911	0.870905	-1.14823	0.284712	0.636381	-1.57139	0.570622	0.792071	-1.26251	0.000787534	0.126964	-7.87625	0.180779	0.561044	-1.78239	0.029051	0.351195	-2.84742	4.33034	11.3445	2.3287	1
cg10154633	H19	5.38E-08	0.276411	0.925461	-1.08054	0.00580008	0.780933	-1.28052	0.00259107	1.3306	1.3306	0.716788	0.975382	-1.02524	0.400502	0.942817	-1.06065	0.161181	1.10782	1.10782	4.78E-10	10.238	10.238	0.38169	0.940458	-1.06331	0.00109282	0.719203	-1.39043	153.909	11.4118	0.065908	1
cg02694715	H19	9.66E-08	0.951986	0.996131	-1.00388	0.0158015	0.826657	-1.20969	0.000884201	1.3782	1.3782	0.295792	0.932585	-1.07229	0.000395852	0.695459	-1.4379	0.404152	1.05649	1.05649	9.42E-10	7.45825	7.45825	0.436396	0.950168	-1.05245	0.139492	0.902691	-1.1078	132.744	8.71347	0.0583477	1
cg25838645	H19	4.89E-07	0.964213	0.99554	-1.00448	0.0106443	0.726193	-1.37704	0.0630938	1.23154	1.23154	0.779893	1.0283	1.0283	0.126646	0.848228	-1.17893	0.899567	0.9875	-1.01266	4.37E-09	12.9662	12.9662	0.479584	0.930903	-1.07423	0.0108126	0.726932	-1.37565	87.9782	13.8293	0.139724	1
cg25579157	H19	1.54E-06	0.00212911	1.43668	1.43668	1.87E-05	2.0778	2.0778	0.00635449	1.34741	1.34741	0.00410954	1.38143	1.38143	0.0022745	0.698863	-1.4309	0.547526	1.05242	1.05242	2.12E-08	5.86155	5.86155	0.00723371	1.33764	1.33764	0.640881	1.04022	1.04022	65.6687	7.32808	0.0991925	1
cg16303279	H19	2.27E-06	0.546254	1.07979	1.07979	0.108254	0.802294	-1.24643	0.0706197	1.28917	1.28917	0.501569	0.917825	-1.08953	0.460247	0.909812	-1.09913	0.440696	1.1039	1.1039	1.76E-08	15.0326	15.0326	0.663279	0.946414	-1.05662	0.301037	0.873963	-1.14421	59.4561	14.8826	0.222499	1
cg13581483	H19	2.57E-06	0.0924916	0.817959	-1.22256	0.84664	1.02124	1.02124	0.105894	1.21128	1.21128	0.131252	1.19343	1.19343	0.258926	0.880003	-1.13636	0.126004	1.19683	1.19683	2.18E-08	9.75254	9.75254	0.300176	1.12358	1.12358	0.0163007	0.727047	-1.37543	57.5925	10.7437	0.16582	1
cg11735853	H19	8.08E-06	0.13687	0.78163	-1.27938	0.258129	0.834084	-1.19892	0.384287	1.14701	1.14701	0.662845	0.934775	-1.06978	0.00261316	0.526821	-1.89818	0.578548	0.917341	-1.09011	8.79E-08	14.912	14.912	0.766672	0.95528	-1.04681	0.767937	0.955525	-1.04655	42.8725	16.0509	0.332789	1
cg24409677	H19	1.33E-05	0.953547	1.00894	1.00894	0.139304	0.784166	-1.27524	0.936889	1.01217	1.01217	0.421315	0.882028	-1.13375	0.940627	1.01145	1.01145	0.205484	1.22643	1.22643	1.13E-07	13.4728	13.4728	0.823298	0.966401	-1.03477	0.101152	0.760095	-1.31563	37.6936	13.9402	0.328737	1
cg01539474	H19	2.29E-05	0.537023	0.941184	-1.06249	0.0110175	0.733996	-1.36241	0.000583075	1.67474	1.67474	0.0559163	1.23369	1.23369	7.84E-05	1.9992	1.9992	0.700689	1.03816	1.03816	6.56E-07	3.72936	3.72936	0.0591308	1.22954	1.22954	0.218932	0.88216	-1.13358	32.6859	4.86804	0.132386	1
cg25821896	H19	7.16E-05	0.0260388	1.37876	1.37876	1.33E-05	3.03256	3.03256	0.0173794	0.703147	-1.42218	0.000133648	2.23667	2.23667	0.0488258	0.760657	-1.31465	0.00203899	1.69677	1.69677	0.00825671	0.663152	-1.50795	0.000640071	1.89144	1.89144	0.968674	1.00479	1.00479	24.2047	5.66819	0.208157	1
cg02657360	H19	9.36E-05	0.433757	1.18952	1.18952	6.54E-05	4.91476	4.91476	0.00603426	2.18012	2.18012	0.272928	0.780425	-1.28135	0.0236654	0.556036	-1.79845	0.0222365	1.81382	1.81382	6.93E-06	8.7049	8.7049	0.00411757	2.30732	2.30732	0.118967	0.692343	-1.44437	22.5358	16.8491	0.664586	1
cg26469586	H19	0.000109264	0.233589	0.8408	-1.18934	0.0274615	0.696195	-1.43638	0.0155228	1.51006	1.51006	0.866434	0.976898	-1.02365	0.712177	1.0528	1.0528	0.119421	1.26444	1.26444	1.55E-06	5.3926	5.3926	0.296493	0.860452	-1.16218	0.170878	0.816714	-1.22442	21.6216	6.6019	0.271411	1
cg01977486	H19	0.000575504	0.459324	0.869412	-1.1502	0.0756947	0.692664	-1.4437	0.941748	1.01367	1.01367	0.178024	0.766576	-1.3045	0.753613	0.943194	-1.06023	0.0927196	1.41002	1.41002	8.20E-06	6.10183	6.10183	0.294217	0.817039	-1.22393	0.616818	0.910557	-1.09823	13.7426	7.50841	0.485652	1
cg26808784	H19	0.000581014	0.705212	0.926148	-1.07974	0.000840132	0.362762	-2.75663	0.253624	1.2721	1.2721	0.718055	1.07594	1.07594	0.574809	0.891885	-1.12122	0.887916	0.971933	-1.02888	0.823123	1.04623	1.04623	0.490268	0.868087	-1.15196	1.08E-05	0.15047	-6.64586	13.7062	8.84601	0.573692	1
cg04088212	H19	0.000619583	0.791102	1.0571	1.0571	0.937083	1.01665	1.01665	0.0234283	1.76185	1.76185	0.174785	1.35242	1.35242	0.0159477	1.85389	1.85389	0.406437	1.1944	1.1944	6.11E-06	8.31667	8.31667	0.0637312	1.54647	1.54647	0.994753	1.00138	1.00138	13.4627	9.32895	0.615954	1
cg04975775	H19	0.000658309	0.486418	1.25181	1.25181	0.562274	0.830221	-1.2045	0.610405	1.17725	1.17725	0.147168	0.610166	-1.6389	0.963987	0.985764	-1.01444	0.414682	1.30316	1.30316	6.66E-06	24.037	24.037	0.36756	0.745317	-1.34171	0.860883	1.05729	1.05729	13.2365	21.1433	1.41986	1
cg17769238	H19	0.00102773	0.792277	0.941142	-1.06254	0.186534	0.72482	-1.37965	0.174803	0.717702	-1.39334	0.777373	1.06732	1.06732	0.697266	0.91407	-1.09401	0.104804	1.50294	1.50294	1.35E-05	8.11066	8.11066	0.801593	0.943773	-1.05958	0.402515	0.821267	-1.21763	11.6756	9.76777	0.743642	1
cg06765785	H19	0.00108189	0.734321	1.10534	1.10534	0.00124075	4.00517	4.00517	0.02346	2.2162	2.2162	0.00520266	2.95686	2.95686	0.670206	1.13422	1.13422	0.00151054	3.83341	3.83341	5.36E-05	9.16415	9.16415	0.0133473	2.46238	2.46238	0.195911	1.49494	1.49494	11.5065	15.7516	1.21683	1
cg00237904	H19	0.00124383	0.0017502	3.89886	3.89886	0.00215411	3.72149	3.72149	0.00220777	3.70122	3.70122	0.0306955	2.16914	2.16914	0.00439438	3.19028	3.19028	0.00445904	3.1805	3.1805	0.000322805	5.89677	5.89677	0.00068901	4.85794	4.85794	0.0464418	2.00523	2.00523	11.0579	16.2957	1.30993	1
cg22172494	H19	0.00242449	0.887538	0.971254	-1.0296	0.00291439	0.430355	-2.32366	0.32986	1.23031	1.23031	0.809108	1.05115	1.05115	0.0175922	0.551338	-1.81377	0.151768	0.728676	-1.37235	0.000830047	2.82171	2.82171	0.35205	1.21823	1.21823	0.00318097	0.435891	-2.29415	9.11388	6.13258	0.598119	1
cg01895612	H19	0.00243636	0.0244671	2.35851	2.35851	0.00054989	5.57141	5.57141	0.322593	1.38691	1.38691	0.109083	1.74953	1.74953	0.00568584	3.19355	3.19355	0.00347412	3.55987	3.55987	0.0352616	0.456149	-2.19226	0.00437718	3.38145	3.38145	0.0180151	2.50893	2.50893	9.10081	14.7699	1.4426	1
cg02886509	H19	0.00250131	0.0107187	4.32592	4.32592	0.000404783	13.0368	13.0368	0.17142	1.9445	1.9445	0.133978	2.09199	2.09199	0.444629	0.700545	-1.42746	0.0383552	2.99211	2.99211	0.000433459	12.696	12.696	0.00346568	6.12453	6.12453	0.426684	1.44871	1.44871	9.03065	29.8324	2.93641	1
cg18454954	H19	0.00334229	0.833283	1.05243	1.05243	0.0279809	1.87648	1.87648	0.443862	1.20833	1.20833	0.203166	1.38492	1.38492	0.126704	0.670006	-1.49252	0.0326144	1.83346	1.83346	6.28E-05	5.97009	5.97009	0.119666	1.50579	1.50579	0.967704	1.00986	1.00986	8.28724	7.71317	0.827315	1
cg15886040	H19	0.00341232	0.454298	1.25058	1.25058	0.848552	0.945457	-1.05769	0.277038	1.39329	1.39329	0.210959	0.679314	-1.47207	0.797398	0.927306	-1.07839	0.252692	1.41979	1.41979	4.48E-05	9.65071	9.65071	0.284186	0.72152	-1.38596	0.924916	0.972724	-1.02804	8.23606	11.2267	1.21166	1
cg03996735	H19	0.00439604	0.00499309	4.33876	4.33876	0.00180656	5.76982	5.76982	0.00395754	4.62185	4.62185	0.0828189	2.13549	2.13549	0.0166284	3.17438	3.17438	0.028267	2.78152	2.78152	0.00119532	6.52402	6.52402	0.00495281	4.34825	4.34825	0.074569	2.19155	2.19155	7.63162	18.8569	2.19635	1
cg25281616	H19	0.0047014	0.0230933	2.67536	2.67536	0.00131142	5.44306	5.44306	0.137702	1.78433	1.78433	0.102336	1.91093	1.91093	0.00494408	3.85105	3.85105	0.0062401	3.63714	3.63714	0.0356235	0.412335	-2.42521	0.0148011	2.96315	2.96315	0.0746755	2.05285	2.05285	7.4776	15.5395	1.84723	1
cg16675558	H19	0.00489516	0.0367551	2.17781	2.17781	0.034119	2.21041	2.21041	0.141899	1.65961	1.65961	0.211904	1.52477	1.52477	0.0031806	3.6413	3.6413	0.053173	2.02331	2.02331	0.000259517	6.87315	6.87315	0.0105383	2.80751	2.80751	0.00699639	3.06145	3.06145	7.38619	12.0381	1.44873	1
cg15394860	H19	0.00501719	0.170996	1.32467	1.32467	0.000636794	0.363583	-2.75041	0.856264	1.03559	1.03559	0.412809	1.17527	1.17527	0.118086	1.38722	1.38722	0.48766	0.872841	-1.14568	0.087398	1.43904	1.43904	0.245626	0.791188	-1.26392	0.00213075	0.434977	-2.29897	7.33091	4.31928	0.523723	1
cg18362496	H19	0.00560339	0.18353	1.43374	1.43374	0.0154492	2.13544	2.13544	0.528437	1.17712	1.17712	0.270331	1.34051	1.34051	0.571481	1.15721	1.15721	0.00924011	2.32468	2.32468	0.000117287	5.59749	5.59749	0.0312932	1.90614	1.90614	0.507088	1.1875	1.1875	7.08689	7.31732	0.917791	1
cg25574978	H19	0.00652638	0.0654234	1.88333	1.88333	0.00570877	3.03293	3.03293	0.102892	1.7267	1.7267	0.278985	1.41137	1.41137	0.0237118	2.2854	2.2854	0.00562862	3.04183	3.04183	0.00027273	6.2087	6.2087	0.0501861	1.98076	1.98076	0.204578	1.5065	1.5065	6.76087	10.0339	1.31921	1
cg24510613	H19	0.00882408	0.977143	0.992487	-1.00757	0.243249	1.37906	1.37906	0.00894348	2.39957	2.39957	0.440522	1.23004	1.23004	0.0277225	1.98364	1.98364	0.0878385	1.64196	1.64196	0.000207139	5.12985	5.12985	0.0971309	1.61485	1.61485	0.475369	1.21053	1.21053	6.15076	6.7493	0.975389	1
cg06749854	H19	0.0114931	0.134741	1.63594	1.63594	0.0281639	2.20621	2.20621	0.0396549	2.06719	2.06719	0.406826	1.29566	1.29566	0.0164946	2.4455	2.4455	0.0101076	2.69279	2.69279	0.000431701	5.4715	5.4715	0.133428	1.63908	1.63908	0.274608	1.41479	1.41479	5.65196	8.34054	1.31173	1
cg27300742	H19	0.0138726	0.110217	2.35821	2.35821	0.00334894	7.15264	7.15264	0.00827167	5.28117	5.28117	0.0848888	2.55744	2.55744	0.888241	1.07175	1.07175	0.0309681	3.48444	3.48444	0.00295881	7.4679	7.4679	0.0168894	4.20533	4.20533	0.324626	1.65086	1.65086	5.31583	20.4479	3.4192	1
cg18104242	H19	0.0163483	0.136788	2.52666	2.52666	0.0182145	5.24727	5.24727	0.0716257	3.20037	3.20037	0.423187	1.60491	1.60491	0.0665698	3.28591	3.28591	0.123985	2.62046	2.62046	0.00048846	23.5666	23.5666	0.0207553	5.00248	5.00248	0.205119	2.16652	2.16652	5.03477	26.6666	4.708	1
cg23977670	H19	0.0172079	0.00329832	0.40526	-2.46755	0.284597	0.778173	-1.28506	0.30175	0.78552	-1.27304	0.162225	1.40032	1.40032	0.00482491	0.430133	-2.32486	0.50175	0.857413	-1.1663	0.466678	1.18191	1.18191	0.707503	0.918467	-1.08877	0.0123087	0.49491	-2.02057	4.94931	3.99086	0.716752	1
cg24605090	H19	0.0178289	0.357446	1.40117	1.40117	0.0121746	3.04519	3.04519	0.0821092	1.98681	1.98681	0.233092	1.56147	1.56147	0.55041	1.24028	1.24028	0.036789	2.37392	2.37392	0.000481751	7.03985	7.03985	0.755896	1.11756	1.11756	0.208602	1.60393	1.60393	4.89081	9.83973	1.78834	1
cg15963714	H19	0.041507	0.217237	0.772714	-1.29414	0.00337516	0.453011	-2.20745	0.452626	0.859016	-1.16412	0.998282	0.999572	-1.00043	0.239822	0.78313	-1.27693	0.996365	1.00091	1.00091	0.0357162	1.62488	1.62488	0.786426	0.947487	-1.05542	0.0518729	0.644433	-1.55175	3.63318	2.26992	0.555355	1
cg13210239	H19;MIR675	1.96E-05	0.129758	1.23993	1.23993	1.39E-05	0.303714	-3.29258	0.266139	1.16445	1.16445	0.00101266	0.526904	-1.89788	3.82E-05	0.354132	-2.8238	1.21E-05	0.297053	-3.3664	3.73E-05	0.353008	-2.8328	0.78617	0.964901	-1.03638	0.000175488	0.433349	-2.30761	34.0618	9.31363	0.243051	1
cg15922305	H19;MIR675	0.000182562	0.213272	1.2743	1.2743	0.0854127	1.42143	1.42143	0.000268163	3.022	3.022	0.64333	0.917377	-1.09007	0.131638	0.740086	-1.35119	0.426881	0.860678	-1.16188	4.56E-06	7.00789	7.00789	0.98753	1.00289	1.00289	0.253539	0.802094	-1.24674	18.8308	10.2006	0.48151	1
cg17985533	H19;MIR675	0.00132693	0.827388	0.951277	-1.05122	0.461005	1.18728	1.18728	0.00455013	2.37364	2.37364	0.237296	0.75338	-1.32735	0.817505	0.948504	-1.05429	0.0227324	0.535977	-1.86575	3.90E-05	6.06015	6.06015	0.746113	1.07714	1.07714	0.757865	0.931713	-1.07329	10.8551	8.99466	0.736541	1
cg03175030	H19;MIR675	0.00601642	0.808337	0.950633	-1.05193	0.000408108	0.310422	-3.22143	0.0546718	0.635044	-1.57469	0.40133	1.19596	1.19596	0.0474169	0.623456	-1.60396	0.779539	0.943216	-1.0602	0.0487395	1.59827	1.59827	0.948431	0.986616	-1.01357	0.00703963	0.483958	-2.06629	6.93331	4.76553	0.610968	1
cg21167159	H19;MIR675	0.0134117	0.250661	0.834875	-1.19778	0.0250777	0.669865	-1.49284	0.00468734	0.568278	-1.7597	0.589505	0.921364	-1.08535	0.219187	1.21444	1.21444	0.0596992	1.37642	1.37642	0.0270282	1.48234	1.48234	0.112693	0.771351	-1.29643	0.0796252	0.746395	-1.33977	5.37506	1.92441	0.318245	1
cg25289899	H19;MIR675	0.0154599	0.916368	1.04403	1.04403	0.149127	0.530138	-1.8863	0.541171	0.775885	-1.28885	0.922963	0.961099	-1.04048	0.000877214	0.129179	-7.74122	0.00325175	0.192781	-5.18723	0.137159	0.518513	-1.92859	0.0398586	0.377338	-2.65014	0.13246	0.513767	-1.94641	5.12915	13.67	2.36902	1
cg01443426	H1F0	2.01E-06	0.127896	0.741218	-1.34913	0.000364437	2.82704	2.82704	0.07942	1.42509	1.42509	0.440612	1.15382	1.15382	0.206554	0.784761	-1.27427	0.00096178	2.44613	2.44613	5.27E-08	30.3654	30.3654	0.715783	0.935638	-1.06879	1.85E-06	8.65109	8.65109	61.3345	32.1533	0.465982	1
cg01883777	H1F0	7.73E-06	0.00175075	0.221013	-4.52461	0.000222231	8.00961	8.00961	0.000212371	8.12183	8.12183	0.0188032	2.6203	2.6203	7.28E-06	0.0351394	-28.4581	0.00310616	3.93157	3.93157	4.58E-06	35.2186	35.2186	0.165397	1.6499	1.6499	0.000817647	5.51364	5.51364	43.3751	78.6785	1.61237	1
cg20835725	H1F0	8.98E-06	0.0791958	0.601869	-1.66149	0.115786	1.56105	1.56105	0.00750154	2.45124	2.45124	0.0287525	1.9581	1.9581	0.697525	1.10711	1.10711	0.00700742	2.48038	2.48038	0.565268	1.16351	1.16351	0.522346	1.18403	1.18403	7.14E-08	110.139	110.139	41.7216	44.849	0.955519	1
cg11968366	H1F0	5.81E-05	0.355823	0.839449	-1.19126	0.0283615	1.611	1.611	0.90615	1.02197	1.02197	0.86902	0.970047	-1.03088	0.96043	0.9909	-1.00918	0.834663	1.03926	1.03926	0.174021	1.30536	1.30536	0.248091	0.800522	-1.24918	4.99E-07	13.3442	13.3442	25.5815	13.7563	0.477993	1
cg15006681	H1F0	0.00622839	0.0936541	0.65443	-1.52805	0.00017216	0.230465	-4.33905	0.0440225	0.587321	-1.70265	0.76854	1.07022	1.07022	0.203247	0.734279	-1.36188	0.347013	0.800361	-1.24944	0.00998109	0.473221	-2.11318	0.0139859	0.497589	-2.00969	0.927438	0.979271	-1.02117	6.8595	5.74564	0.74455	1
cg07141002	H1F0	0.00650659	0.484564	0.680824	-1.46881	0.0569744	3.20856	3.20856	0.218182	2.01589	2.01589	0.237195	1.95473	1.95473	0.457745	0.66413	-1.50573	0.0670216	3.03785	3.03785	0.000297717	24.2076	24.2076	0.126341	0.40856	-2.44762	0.0119592	5.45913	5.45913	6.76724	31.3973	4.12409	1
cg02477448	H1F0	0.0266181	0.0263203	0.40471	-2.47091	0.0111132	0.335203	-2.98327	0.573376	0.822545	-1.21574	0.0599428	2.07242	2.07242	0.0288632	0.412807	-2.42244	0.719093	0.883372	-1.13203	0.0244427	0.398313	-2.51059	0.0492791	0.462784	-2.16084	0.792586	0.91349	-1.0947	4.2629	7.95907	1.6596	1
cg24292323	H1F0;H1F0	3.54E-07	0.920347	0.981565	-1.01878	4.13E-07	14.5989	14.5989	0.230543	1.26363	1.26363	0.198505	0.776631	-1.28761	0.495385	1.13744	1.13744	2.45E-05	4.76983	4.76983	2.03E-06	8.84088	8.84088	0.0385365	0.64026	-1.56186	1.76E-08	55.247	55.247	95.5515	52.372	0.487202	1
cg14910534	H1F0;H1F0	7.01E-05	0.667029	1.09587	1.09587	0.00210426	2.49642	2.49642	0.950536	1.01321	1.01321	0.324658	1.24004	1.24004	0.903191	0.97459	-1.02607	0.002892	2.37831	2.37831	1.65E-05	6.52118	6.52118	0.96385	1.00963	1.00963	3.53E-06	10.0087	10.0087	24.3371	17.2451	0.62986	1
cg27424226	H1F0;H1F0	0.00103298	0.421619	0.709321	-1.4098	0.0852085	2.21699	2.21699	0.979075	1.01103	1.01103	0.640954	1.21714	1.21714	0.493742	1.33745	1.33745	0.0110131	3.79734	3.79734	0.037116	2.75252	2.75252	0.952589	0.975432	-1.02519	1.30E-05	45.9313	45.9313	11.6587	32.319	2.46408	1
cg26257969	H1FNT	5.49E-05	0.0690565	0.567421	-1.76236	0.167536	0.663796	-1.50649	8.12E-05	0.13806	-7.24322	6.54E-05	0.129881	-7.69935	3.85E-05	0.111019	-9.00747	0.000351982	0.202011	-4.95022	1.12E-05	0.0741101	-13.4934	0.0052666	0.358855	-2.78664	0.000442922	0.213341	-4.68732	25.9763	31.9204	1.09229	1
cg07277190	H1FNT	5.85E-05	0.000777651	0.476765	-2.09747	0.817054	1.03433	1.03433	0.00490389	0.580953	-1.72131	0.113744	0.778264	-1.28491	1.00E-06	0.15401	-6.49306	0.494118	1.10645	1.10645	0.0530049	1.37758	1.37758	0.661158	0.937765	-1.06636	0.00432031	0.573635	-1.74327	25.5429	8.58575	0.298783	1
cg00745543	H1FNT	0.000335914	8.39E-06	0.044881	-22.2811	0.0105073	0.357214	-2.79944	0.000298882	0.152403	-6.56157	0.888591	0.956177	-1.04583	0.0261851	0.430273	-2.3241	0.769415	0.910304	-1.09853	0.78108	1.09316	1.09316	0.323199	0.721642	-1.38573	0.00797854	0.33716	-2.96595	15.9481	25.817	1.43894	1
cg15456555	H1FNT	0.00256176	0.00255935	0.120979	-8.26591	0.0108932	0.199121	-5.02208	0.00180602	0.106413	-9.39737	0.0128183	0.209995	-4.76203	0.00702652	0.17212	-5.80989	0.0483103	0.320063	-3.12439	0.000337691	0.0540853	-18.4893	0.0208237	0.24548	-4.07364	0.00656941	0.168256	-5.94332	8.96737	36.2036	3.58868	1
cg00346523	H1FNT	0.00257841	0.00043076	0.116553	-8.57982	0.707227	0.864497	-1.15674	0.000409085	0.114602	-8.72588	0.685542	0.854622	-1.17011	0.130648	0.532621	-1.87751	0.339727	0.684047	-1.46189	0.000957496	0.149754	-6.67762	0.58572	0.808642	-1.23664	0.0633167	0.446674	-2.23877	8.95026	21.1113	2.09665	1
cg14028684	H1FNT	0.00307373	0.710854	0.933532	-1.0712	0.546506	0.893402	-1.11932	0.204925	0.781094	-1.28025	0.351796	1.19363	1.19363	0.000251212	0.327824	-3.05042	0.533039	0.889921	-1.1237	0.00122142	2.39649	2.39649	0.595336	0.90573	-1.10408	0.0806002	0.699116	-1.43038	8.49664	4.59125	0.48032	1
cg00601486	H1FNT	0.00456716	0.00764799	0.364316	-2.74487	0.929799	1.02629	1.02629	0.00489738	0.333497	-2.99853	0.00391714	0.318716	-3.13759	0.000643328	0.213874	-4.67565	0.203726	0.673637	-1.48448	0.00322336	0.306161	-3.26625	0.0842537	0.569776	-1.75508	0.174424	0.653475	-1.53028	7.54372	10.3621	1.22098	1
cg13662851	H1FNT	0.00668278	0.222868	0.745951	-1.34057	0.00753721	2.19631	2.19631	0.0323928	1.77392	1.77392	0.43172	0.832251	-1.20156	0.00627004	0.442675	-2.25899	0.00654136	0.445564	-2.24434	0.300712	1.27811	1.27811	0.769569	0.934993	-1.06953	0.0408028	0.582559	-1.71657	6.71132	5.56559	0.737141	1
cg10370961	H1FNT;H1FNT	0.0199613	0.0643188	1.67951	1.67951	0.00440043	2.58175	2.58175	0.956833	1.01359	1.01359	0.0621716	1.68839	1.68839	0.815983	0.943508	-1.05987	0.0144735	0.471602	-2.12043	0.246355	1.35312	1.35312	0.322367	0.774912	-1.29047	0.211737	0.720246	-1.38842	4.70766	4.6395	0.87602	1
cg12117115	H1FOO	3.35E-05	0.633563	0.964099	-1.03724	0.000456545	1.52237	1.52237	5.02E-06	0.453222	-2.20642	0.220794	0.906657	-1.10295	0.0126665	0.789858	-1.26605	0.000438953	0.655217	-1.52621	0.134949	1.13052	1.13052	0.116827	0.878356	-1.13849	2.50E-05	0.528696	-1.89145	29.5833	2.71529	0.0815863	1
cg06725798	H1FOO	0.00104845	0.000600399	0.120605	-8.2915	0.0194393	0.323369	-3.09244	0.0109487	0.279173	-3.58201	0.032354	0.367429	-2.72161	4.50E-05	0.0456922	-21.8856	0.00545468	0.232089	-4.3087	0.624913	0.821283	-1.21761	0.0152667	0.304118	-3.2882	0.0112956	0.281441	-3.55314	11.6096	29.3581	2.24781	1
cg11578066	H1FX;C3orf47;H1FX	0.042496	0.0218648	0.759706	-1.3163	0.144258	0.85497	-1.16963	0.272589	0.892193	-1.12083	0.013745	0.737637	-1.35568	0.0196515	0.754611	-1.32519	0.00749439	0.709033	-1.41037	0.425936	0.921996	-1.0846	0.715547	0.9641	-1.03724	0.862601	1.01745	1.01745	3.6016	0.569225	0.140487	1
cg04442866	H1FX;H1FX;C3orf47	0.00261511	0.784691	0.941521	-1.06211	0.852526	0.95988	-1.0418	0.339988	1.24157	1.24157	0.0100339	0.489147	-2.04438	0.150355	0.712323	-1.40386	6.59E-05	0.199724	-5.00692	0.582693	1.12987	1.12987	0.386988	1.21545	1.21545	0.109715	1.46766	1.46766	8.91305	6.83423	0.681571	1
cg12334949	H1FX;H1FX;C3orf47	0.00361469	0.363343	0.811844	-1.23176	0.878941	0.966564	-1.03459	0.774319	1.06625	1.06625	6.61E-05	0.195422	-5.11713	0.0248149	0.55096	-1.81501	0.112379	0.679997	-1.4706	0.358514	1.23451	1.23451	0.0521637	0.610893	-1.63695	0.449792	1.18748	1.18748	8.09525	6.38306	0.700884	1
cg26857078	H1FX;H1FX;C3orf47	0.012013	0.926504	1.0495	1.0495	0.128148	2.36626	2.36626	0.171166	2.14479	2.14479	0.0004252	0.0537998	-18.5874	0.0395025	0.287333	-3.48028	0.322775	0.58575	-1.70721	0.822543	0.88902	-1.12483	0.45845	1.48491	1.48491	0.5818	1.33817	1.33817	5.57154	24.1996	3.86082	1
cg03771133	H1FX;H1FX;C3orf47	0.0147778	0.0943295	0.773047	-1.29358	0.0238711	0.685689	-1.45839	0.312628	0.863996	-1.15741	0.00310257	0.567609	-1.76178	0.00499275	0.594486	-1.68212	0.0100471	0.634599	-1.5758	0.02901	0.697511	-1.43367	0.720384	1.0516	1.0516	0.0505538	0.732073	-1.36598	5.20632	1.61535	0.275794	1
cg15310637	H2AFJ;H2AFJ	1.35E-06	6.27E-06	9.14296	9.14296	0.264013	1.29081	1.29081	0.521511	1.1531	1.1531	0.731692	0.927316	-1.07838	0.158322	0.718453	-1.39188	0.000992623	2.92288	2.92288	0.0300963	0.571632	-1.74938	1.86E-07	33.1081	33.1081	2.72E-07	28.0583	28.0583	67.9582	51.7386	0.676737	1
cg08855729	H2AFJ;H2AFJ	2.30E-06	1.71E-05	6.79421	6.79421	0.00156952	2.68323	2.68323	0.219646	1.32379	1.32379	0.474691	1.17115	1.17115	0.934844	0.982388	-1.01793	0.0652642	1.56789	1.56789	0.0472521	0.610584	-1.63778	1.40E-07	36.5026	36.5026	7.26E-07	18.3707	18.3707	59.2339	44.3039	0.664843	1
cg23368416	H2AFJ;H2AFJ	9.63E-05	0.00371272	1.61501	1.61501	8.42E-06	0.305324	-3.27521	0.741739	0.960368	-1.04127	0.655109	1.05652	1.05652	0.0878492	1.25905	1.25905	0.0161328	1.43327	1.43327	0.00010552	2.31037	2.31037	0.0925426	1.25403	1.25403	0.115818	1.23246	1.23246	22.3648	5.29629	0.210501	1
cg19774315	H2AFJ;H2AFJ	0.000105851	0.000234084	29.4392	29.4392	0.0279453	4.21972	4.21972	0.74016	0.831515	-1.20262	0.817786	1.13648	1.13648	0.00188064	0.0868626	-11.5124	0.176505	2.21786	2.21786	0.00163195	0.0819427	-12.2036	5.09E-05	67.1771	67.1771	0.000314949	25.449	25.449	21.8062	106.139	4.32656	1
cg15873303	H2AFJ;H2AFJ	0.000277973	0.00913574	2.38715	2.38715	0.301889	1.32451	1.32451	0.572469	1.16168	1.16168	0.78448	0.9305	-1.07469	0.13342	0.653524	-1.53016	0.693808	1.10957	1.10957	0.179273	0.687392	-1.45477	1.36E-05	10.9143	10.9143	0.000117384	5.88409	5.88409	16.7968	18.3674	0.972008	1
cg01312194	H2AFJ;H2AFJ	0.000346158	0.000466836	6.38906	6.38906	0.600821	1.19477	1.19477	0.0777894	1.93611	1.93611	0.888301	1.04851	1.04851	0.471782	0.781354	-1.27983	0.113349	1.78745	1.78745	0.957892	0.98236	-1.01796	6.59E-05	11.7961	11.7961	4.04E-05	14.0476	14.0476	15.8171	28.4632	1.59957	1
cg07112131	H2AFJ;H2AFJ	0.00402279	0.00612872	7.39675	7.39675	0.0158645	5.22222	5.22222	0.381849	1.65166	1.65166	0.0176849	5.02408	5.02408	0.162493	0.434197	-2.3031	0.780761	1.16895	1.16895	0.0248426	4.45607	4.45607	0.000345586	25.0629	25.0629	0.0106521	6.02829	6.02829	7.83906	38.8613	4.40658	1
cg03111818	H2AFJ;H2AFJ	0.00738577	0.00436907	7.69139	7.69139	0.0264148	4.09836	4.09836	0.0984457	2.64085	2.64085	0.452477	1.50704	1.50704	0.596988	0.751313	-1.331	0.0636719	3.05629	3.05629	0.988247	1.00792	1.00792	0.00146275	11.7303	11.7303	0.00175337	10.9092	10.9092	6.50519	29.5842	4.04247	1
cg26127836	H2AFJ;H2AFJ	0.0297466	0.0177399	6.85711	6.85711	0.0189348	6.67043	6.67043	0.0915351	3.45797	3.45797	0.293257	2.07095	2.07095	0.240711	0.440366	-2.27084	0.321206	1.98248	1.98248	0.0646032	3.99924	3.99924	0.00635566	10.718	10.718	0.0376026	5.00591	5.00591	4.09915	28.9464	6.27694	1
cg12806797	H2AFJ;H2AFJ	0.0318696	0.0610592	4.018	4.018	0.0230426	5.9943	5.9943	0.0528785	4.26171	4.26171	0.164135	2.65942	2.65942	0.0522399	4.28295	4.28295	0.108802	3.16552	3.16552	0.00329956	13.9738	13.9738	0.0136429	7.46444	7.46444	0.0714743	3.76663	3.76663	3.99972	27.4977	6.11102	1
cg09163005	H2AFJ;H2AFJ	0.0474808	0.0887725	3.76686	3.76686	0.0123779	9.02223	9.02223	0.371203	1.91299	1.91299	0.229259	2.43828	2.43828	0.325514	2.0487	2.0487	0.304239	2.12057	2.12057	0.0601137	4.4734	4.4734	0.00493552	13.8808	13.8808	0.0196954	7.31661	7.31661	3.45513	27.311	7.02621	1
cg24638668	H2AFJ;H2AFJ;H2AFJ	1.26E-07	1.98E-06	5.14529	5.14529	0.0267599	1.44147	1.44147	0.559877	0.921134	-1.08562	0.00820106	0.624185	-1.60209	0.030365	0.701416	-1.42569	0.0284857	0.697526	-1.43364	0.585962	1.07965	1.07965	1.46E-08	21.6833	21.6833	2.72E-08	17.1849	17.1849	124.155	38.1779	0.273335	1
cg11013298	H2AFJ;H2AFJ;H2AFJ	1.47E-06	8.22E-07	21.1842	21.1842	1.06E-05	8.83215	8.83215	0.0323901	1.78654	1.78654	0.699454	1.09403	1.09403	0.390392	1.22615	1.22615	3.44E-06	12.5715	12.5715	0.995157	1.00141	1.00141	2.74E-07	33.7742	33.7742	5.80E-06	10.6151	10.6151	66.4093	56.4412	0.755466	1
cg19981263	H2AFJ;H2AFJ;H2AFJ	5.40E-06	0.000353934	8.15766	8.15766	0.125186	1.83526	1.83526	0.740495	1.1293	1.1293	0.23807	1.57165	1.57165	0.10884	1.89606	1.89606	0.161144	0.578382	-1.72896	0.638506	1.189	1.189	2.68E-07	263.588	263.588	9.65E-07	112.469	112.469	47.5872	100.874	1.88423	1
cg20729747	H2AFJ;H2AFJ;H2AFJ	6.43E-05	0.000432078	6.02007	6.02007	0.000270893	6.85728	6.85728	0.0285264	2.30088	2.30088	0.675682	0.87313	-1.1453	0.130835	0.590935	-1.69223	0.000237676	7.12007	7.12007	0.40759	0.760979	-1.3141	6.75E-06	25.0934	25.0934	0.000220836	7.27373	7.27373	24.9031	41.0082	1.46374	1
cg05081223	H2AFJ;H2AFJ;H2AFJ	0.000142796	0.00140873	4.48956	4.48956	0.00728044	3.07826	3.07826	0.00237917	3.95892	3.95892	0.0231697	2.41523	2.41523	0.655889	0.864432	-1.15683	0.000160911	8.11306	8.11306	0.273694	0.69073	-1.44774	1.43E-05	18.8331	18.8331	0.000213723	7.45254	7.45254	20.1219	33.6262	1.48544	1
cg27086773	H2AFJ;H2AFJ;H2AFJ	0.00195436	0.0184717	8.52632	8.52632	0.299823	2.23854	2.23854	0.327438	2.13433	2.13433	0.529913	0.620501	-1.6116	0.593975	1.4971	1.4971	0.19775	2.77601	2.77601	0.00548275	0.0646472	-15.4686	0.000259944	90.5075	90.5075	0.00145019	31.5265	31.5265	9.70694	86.4693	7.9182	1
cg08703818	H2AFV	0.0134623	0.829807	1.05211	1.05211	0.487812	0.846767	-1.18096	0.0585478	0.603939	-1.6558	0.272799	1.30909	1.30909	0.00873296	0.45458	-2.19983	0.000677621	0.293488	-3.40729	0.474895	1.18705	1.18705	0.640121	1.11752	1.11752	0.396194	0.814626	-1.22756	5.36844	4.7344	0.783907	1
cg01790498	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.00360081	0.507011	1.25701	1.25701	0.00933101	0.32614	-3.06617	0.0130098	2.84928	2.84928	0.00195444	4.42822	4.42822	0.0214668	0.39113	-2.5567	0.401281	0.746838	-1.33898	0.0167502	0.370796	-2.6969	0.0382737	0.442265	-2.26109	0.833313	0.930896	-1.07423	8.10459	14.8194	1.62535	1
cg19449626	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.00489246	0.00370787	0.168133	-5.94766	0.00306116	0.158142	-6.32343	0.0447601	0.35077	-2.85087	0.777528	1.13747	1.13747	0.0131303	0.246942	-4.04953	0.00488927	0.183391	-5.45282	0.00224094	0.142849	-7.00042	0.191968	0.533612	-1.87402	0.00555012	0.190731	-5.24298	7.38744	24.194	2.91113	1
cg15621971	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.00508103	0.101414	0.573116	-1.74485	0.000850753	4.73986	4.73986	0.00760109	2.90219	2.90219	0.0619452	0.520785	-1.92018	0.409023	0.769441	-1.29964	0.838289	0.938544	-1.06548	0.0190131	0.414246	-2.41402	0.166807	0.632861	-1.58013	0.75413	0.907085	-1.10243	7.30265	11.1423	1.35625	1
cg03073431	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.00602176	0.000342218	0.26632	-3.75488	0.0739603	0.633213	-1.57925	0.243247	0.755661	-1.32335	0.675766	1.10132	1.10132	0.620042	1.12151	1.12151	0.623794	0.892771	-1.12011	0.747373	1.07697	1.07697	0.00140195	0.345901	-2.891	0.595998	1.13062	1.13062	6.93141	5.77923	0.741133	1
cg15763172	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.0107102	0.897174	0.978832	-1.02163	0.809363	1.04081	1.04081	0.00175015	2.09211	2.09211	0.400565	0.867282	-1.15303	0.00486411	1.85488	1.85488	0.020242	1.58933	1.58933	0.0927506	0.736312	-1.35812	0.508508	0.894944	-1.11739	0.523368	0.898502	-1.11296	5.782	2.50769	0.385517	1
cg00947019	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.0277228	0.927258	0.987499	-1.01266	0.00682204	1.62067	1.62067	0.00335076	1.73316	1.73316	0.0171816	1.49186	1.49186	0.250844	1.17974	1.17974	0.552164	1.08639	1.08639	0.247294	1.18135	1.18135	0.164793	1.2265	1.2265	0.414134	0.891357	-1.12188	4.20248	1.26325	0.267197	1
cg14415759	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.000185825	0.604819	1.09535	1.09535	0.344736	1.18504	1.18504	0.295583	1.20831	1.20831	0.233372	1.24356	1.24356	0.017211	0.602687	-1.65924	2.79E-06	0.140917	-7.09638	0.0201789	0.61338	-1.63031	0.82948	0.963073	-1.03834	0.091483	1.38293	1.38293	18.7407	9.03311	0.428448	1
cg04208787	H2AFX	0.000354306	2.13E-05	0.33368	-2.99688	0.123007	1.239	1.239	0.788786	0.966149	-1.03504	0.165363	0.827142	-1.20898	0.121959	1.23987	1.23987	0.631391	1.06396	1.06396	0.000461048	0.493121	-2.0279	0.240668	1.17064	1.17064	0.0126074	1.48859	1.48859	15.7163	4.0945	0.231578	1
cg06200634	H2AFX	0.000484639	0.00993094	0.519113	-1.92636	0.000482358	0.332161	-3.01059	0.070534	0.665716	-1.50214	0.0288673	1.67995	1.67995	0.366913	0.829773	-1.20515	0.0374046	0.614924	-1.62622	2.55E-05	0.186196	-5.37067	0.0199609	0.56812	-1.76019	0.428695	1.17663	1.17663	14.4147	9.25272	0.570573	1
cg17431860	H2AFX	0.00448859	0.000739162	0.0801691	-12.4736	0.384118	0.644413	-1.5518	0.519888	1.37879	1.37879	0.856281	1.09337	1.09337	0.736678	0.846897	-1.18078	0.000740308	0.0802182	-12.466	0.617548	1.2813	1.2813	0.0488301	3.02762	3.02762	0.310479	1.67654	1.67654	7.58356	29.1204	3.41327	1
cg07697569	H2AFX	0.00590498	0.366232	0.882758	-1.13281	0.775449	0.962308	-1.03917	0.183543	1.20871	1.20871	0.135493	0.805621	-1.24128	0.00811215	0.634223	-1.57673	0.464132	1.10528	1.10528	0.00138501	0.536443	-1.86413	0.0133398	1.50954	1.50954	0.0460672	1.35946	1.35946	6.97342	1.99313	0.254061	1
cg01924993	H2AFX	0.0259545	0.00650306	0.388873	-2.57154	0.524338	1.18804	1.18804	0.0164807	0.457267	-2.18691	0.42175	1.24503	1.24503	0.01057	0.423655	-2.36041	?	?	?	0.87325	0.958261	-1.04356	0.925181	0.975228	-1.0254	0.467257	1.2184	1.2184	4.3752	4.3926	1.00398	1
cg14194708	H2AFX;DPAGT1	0.00228661	0.273104	0.744723	-1.34278	0.631307	0.882546	-1.13309	0.691381	1.10861	1.10861	0.00934837	2.34384	2.34384	0.000442986	0.238554	-4.19193	0.972642	1.0089	1.0089	0.0021117	0.327258	-3.05569	0.0637908	1.71336	1.71336	0.0522052	1.7694	1.7694	9.27185	9.80589	0.940086	1
cg19493827	H2AFX;H2AFX	0.0105035	?	?	?	0.108739	1.53841	1.53841	0.0174704	2.48196	2.48196	0.0249315	0.451036	-2.21712	0.28684	1.279	1.279	0.0494977	0.544125	-1.83781	0.0302547	0.477325	-2.09501	0.00241647	0.161446	-6.19401	?	?	?	26.7522	11.3088	0.181168	1
cg02725900	H2AFX;H2AFX	0.0115432	0.308292	0.902549	-1.10797	0.843367	0.980949	-1.01942	0.00473637	1.4402	1.4402	0.958354	1.00509	1.00509	0.0684509	0.820095	-1.21937	0.00473311	0.694317	-1.44027	0.0730171	1.21461	1.21461	0.968341	0.996149	-1.00387	0.0412604	1.25724	1.25724	5.64401	0.845082	0.133094	1
cg03096811	H2AFY2	0.000581225	0.445217	0.840669	-1.18953	0.143904	0.704574	-1.4193	0.372409	0.815276	-1.22658	0.300097	1.27059	1.27059	9.16E-06	0.117712	-8.49529	0.00745656	0.463753	-2.15632	0.00637111	0.45301	-2.20745	0.301194	1.26985	1.26985	0.356187	0.809249	-1.23571	13.7048	10.7956	0.700196	1
cg17523282	H2AFY2	0.000825439	0.00418296	0.418692	-2.38839	0.85365	1.04279	1.04279	0.000616532	0.302358	-3.30733	0.283883	0.776779	-1.28737	9.43E-05	0.206184	-4.85004	0.00333202	0.403891	-2.47592	0.0130943	0.497465	-2.01019	0.552763	0.872622	-1.14597	0.056554	1.63192	1.63192	12.4221	10.1279	0.724721	1
cg17558573	H2AFY2	0.00209675	0.425938	1.08467	1.08467	0.58153	1.05723	1.05723	8.16E-05	2.0343	2.0343	0.904541	1.01207	1.01207	0.73497	0.966602	-1.03455	0.369862	0.912044	-1.09644	0.311588	0.900632	-1.11033	0.0025578	0.658183	-1.51934	0.177726	1.15395	1.15395	9.50996	1.50539	0.140708	1
cg09219521	H2AFY2	0.00332936	0.370743	1.1106	1.1106	0.000414027	1.89549	1.89549	0.365827	1.11186	1.11186	0.256114	0.873464	-1.14487	0.0464622	1.29729	1.29729	0.252694	1.14609	1.14609	0.290713	0.882377	-1.1333	0.00160604	0.596671	-1.67597	0.179952	1.17648	1.17648	8.29683	1.71152	0.183366	1
cg09777856	H2AFY2	0.00487417	0.81714	0.94464	-1.0586	0.828262	1.05487	1.05487	0.18024	0.704756	-1.41893	0.0133734	0.470784	-2.12412	8.57E-05	0.176486	-5.66618	0.460048	1.20316	1.20316	0.111847	0.65328	-1.53074	0.48481	0.839831	-1.19072	0.0813572	0.621855	-1.60809	7.39588	7.08203	0.851168	1
cg04539203	H2AFY2	0.0145184	0.00359046	0.67642	-1.47837	0.779119	0.97251	-1.02827	0.494434	1.07121	1.07121	0.197346	0.873627	-1.14465	0.155797	1.16247	1.16247	0.14541	1.16764	1.16764	0.0230774	0.763861	-1.30914	0.0117297	0.731888	-1.36633	0.0435165	0.794432	-1.25876	5.23682	0.815151	0.138362	1
cg20336571	H2AFY2	0.0196796	0.014925	0.455775	-2.19406	0.681218	1.11452	1.11452	0.0927396	0.615347	-1.6251	0.986615	1.00441	1.00441	0.0219071	0.485862	-2.0582	0.126492	1.54329	1.54329	0.356024	0.779423	-1.283	0.00196425	0.317093	-3.15365	0.583188	0.864619	-1.15658	4.73043	5.16218	0.970019	1
cg18009000	H2AFY2	0.0226447	0.0306887	0.533255	-1.87528	0.320833	0.775655	-1.28923	0.11243	0.651793	-1.53423	0.122271	1.51406	1.51406	0.0299541	0.531261	-1.88231	0.0756439	1.63195	1.63195	0.839429	1.05153	1.05153	0.00503615	0.398996	-2.50629	0.930729	1.02177	1.02177	4.50897	4.38066	0.863595	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1189 vs. N)	Fold-Change(1189 vs. N)	p-value(1117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14165614	H2AFY2	0.0227481	0.920445	1.03154	0.110354	1.02077372	0.938852	1.0085	0.4442044	1.205133	0.506156	1.23327	0.2137	1.8312388	0.9290907	1.070531	0.894643	0.959653	-1.04204	0.8676082	0.529032	-1.89025	0.2810285	0.7059944	-1.41654	0.1303581	1.66159	4.23183	6.44457	1.3601	1
cg13626863	H2AFY2	0.0313573	0.0278872	1.83212	1.834717	0.98397	-1.01629	0.414239	2.022911	0.2172868	1.99204	0.204116	1.36939	1.36939	0.299353	0.778308	-1.28484	0.517945	0.85836	-1.1601	0.2703582	1.3066	1.3066	1.3066	0.0120848	2.0733	2.0733	4.02295	3.45949	0.76439	1
cg02641429	H2AFY;H2AFY2;H2AFY;H2AFY2	5.27E-05	0.0233902	0.63713	-1.56954	1.95E-05	4.226934	4.226934	0.0110307	1.669995	1.669995	0.500438	0.892417	-1.12055	0.000214405	0.157265	-2.79905	0.588103	0.913016	-1.09527	2.72E-05	0.2522208	-3.96499	0.39347	0.864613	-1.15659	0.07945131	0.723259	-1.38263	26.24379	11.5136	0.389908	1
cg07827630	H2AFY;H2AFY2;H2AFY;H2AFY2	0.000794489	0.6115501	0.924238	-1.08197	0.00291941	1.875087	1.875087	0.5405461	1.424348	1.424348	5.33E-05	3.189948	0.425613	0.8823135	-1.1333	0.3983317	1.14225	1.142225	0.0814413	1.34594	1.34594	0.000260454	2.680602	2.607012	0.3770116	1.149624	1.149624	12.15565	4.70466	0.3330349	1
cg17355169	H2AFY;H2AFY2;H2AFY;H2AFY2	0.00267573	0.0636879	0.565863	-1.76721	0.00229026	0.312139	-3.2037	0.09990023	0.611129	-1.63632	?	?	?	0.162235	0.665269	-1.50315	0.0214121	0.470001	-2.12765	0.00339298	0.2133878	-4.67556	0.440997	1.23938	1.23938	0.00143696	2.084036	-3.52068	0.05183	9.50661	1.05024	1
cg01466741	H2AFY;H2AFY2;H2AFY;H2AFY2	0.00744531	0.0010048	0.324405	-3.08257	0.13571	0.690223	-1.44881	0.007863874	0.455528	2.19525	0.828267	0.642188	-1.55718	0.01444419	0.499047	-2.0082	0.0821402	0.641417	-1.55905	0.003448891	0.400221	-2.49862	0.35001	1.24833	1.24833	0.00481993	0.594168	-1.68303	0.648887	5.46355	0.748434	1
cg24628744	H2AFY;H2AFY2;H2AFY;H2AFY2	0.0183403	0.605178	0.696016	-1.43675	0.05191161	4.65001	4.65001	0.325988	2.02325	2.02325	0.00254988	18.3343	18.3343	0.184202	0.375752	-2.66133	0.051427	0.46904	4.66904	0.0669783	4.16548	4.16548	0.00674412	11.4813	11.4813	0.5756221	1.48142	1.48142	4.84449	37.0474	6.79763	1
cg16246489	H2AFY;H2AFY2;H2AFY;H2AFY2	0.0185212	0.1180063	0.729207	-2.68189	0.00915368	7.71756	7.71756	0.5188669	1.465326	1.465326	0.0228514	4.87638	4.87638	0.207687	0.4636048	-2.15615	0.248812	2.01871	2.018711	0.00906528	6.657233	6.657233	0.0239408	4.80155	4.80155	0.0718684	0.980991	-1.01938	4.82849	25.8857	4.76536	1
cg26214742	H2AFY;H2AFY2;H2AFY;H2AFY2	0.0204857	0.923554	1.07526	1.075261	0.00890075	12.3838	12.3838	0.6449441	1.43135	1.43135	0.0989276	5.9265	5.9265	0.2992448	0.4493364	-2.25548	0.391479	1.94211	1.942111	0.0539344	33.0827	33.0827	0.760614	7.60614	7.60614	0.572878	1.53854	1.53854	6.66232	42.2411	8.04652	1
cg18394340	H2AFY;H2AFY2;H2AFY;H2AFY2	0.038917	0.547761	0.725044	-1.37923	0.0516252	3.224862	3.224862	0.247595	1.8945	1.8945	0.00422586	5.72731	5.72731	0.390704	0.6282114	-1.59181	0.939705	1.0408	1.0408	0.2810366	1.80794	1.80794	0.00935235	5.70962	5.70962	0.8809944	1.08244	1.08244	3.72049	16.4626	3.9332	1
cg08374869	H2AFY;H2AFY2;H2AFY;H2AFY2	0.0461903	0.4177314	0.678237	-1.47436	0.1618924	2.12393	2.12393	0.1148042	2.33888	2.33888	0.0014152	3.92851	3.92851	0.1844925	0.4419202	-2.26284	0.928523	1.05348	1.053484	0.3662242	1.76719	1.76719	0.3197141	3.97131	3.97131	0.8631167	0.9044644	-1.10536	0.49117	18.6447	4.74715	1
cg01550148	H2AFY;H2AFY2;H2AFY;H2AFY2;H2AFY2	0.0496213	0.51818	0.698416	-1.43181	0.0502538	1.39718	1.39718	0.48892	1.46992	1.46992	0.00983779	5.97645	5.97645	0.60969	0.754181	-1.32594	0.797741	1.15109	1.151093	0.0617049	3.16789	3.16789	0.00836221	6.33637	6.33637	0.528973	1.41834	1.41834	3.39793	16.1572	4.22667	1
cg01133662	AFY;H2AFY	0.4003316	0.610359	1.45201	1.45201	0.943166	1.0531	1.0531	0.627374	1.42618	1.42618	0.47099	1.70263	1.70263	0.945549	1.05082	1.05082	1.00064429	0.0223733	-44.696	0.9677411	0.971078	-1.02978	0.7720335	0.809923	-1.23469	0.817953	1.18214	1.18214	3.67195	30.6284	7.4144	1
cg01709884	H2AFZ;OLC25680	0.0109826	0.644951	1.17584	1.17584	0.457334	1.30044	1.30044	0.1439377	1.490337	0.2602019	0.121320	-8.24208	0.122211	0.5572227	-1.7946	0.205529	1.59402	1.594021	0.350494	0.731724	-1.39407	0.796057	0.9135547	-1.09463	0.4560116	1.30349	1.30349	5.735644	11.0711	1.71582	1
cg10984602	H2BFM;MIR1256	0.0029465	0.4505777	1.24563	1.245631	0.170955	0.69259	-1.51678	3.69E-05	0.1039375	0.635808	0.0827853	0.5778962	-1.73046	1.98E-05	0.5047417	-1.81806	0.369993	0.768894	-1.30057	0.252088	1.3662	1.3662	0.945054	1.09941	1.09941	0.1818041	0.8065004	0.932345	-1.07256	0.51311	21.3344	1.14715	1
cg12638044	H2BFM;MIR1256	0.000732419	0.0366371	0.513961	-1.94567	0.0116875	0.421616	-2.37182	0.002298931	0.311031	-3.21532	0.00105022	0.264764	-3.77695	0.000293848	0.198495	-5.03805	0.114979	0.625124	-1.59968	0.947182	1.01833	1.01833	0.000469534	0.221614	-4.51235	0.000279835	0.196162	-5.09782	12.8468	15.2876	1.05777	1
cg02746738	H2BFM;MIR1256;H2BFM	0.000880075	0.461781	0.849255	-1.18254	0.153964	7.73792	-1.36651	0.007853481	0.466073	-2.1456	0.1063467	0.673903	-1.48389	2.62E-05	0.1552285	-6.43977	0.000575701	0.303287	-3.29721	0.2844804	1.2823	1.2823	0.796785	0.9438882	-1.05945	0.1340145	0.6965135	-1.43568	12.1685	9.65323	0.705153	1
cg10871818	H2BFT;MIR1256	3.52E-05	0.1266777	1.06277	0.0603676	0.1384746	0.387449	-2.58098	0.002212328	0.450911	-2.43362	0.000116419	0.385963	-2.59128	7.79E-05	0.3981209	-2.51192	0.006572	0.21565	-4.63795	0.0027414	0.2774724	0.95097	-1.05156	0.1638847	0.810046	-1.23449	0.0168741	0.657778	-1.52027	29.2015	9.54956	0.2906887	1
cg07779826	H2BFWT;MIR1256	0.00237606	0.3333664	1.35214	1.35214	0.00646974	0.342888	-2.91647	0.05151545	0.51163	-1.95454	0.000521629	0.194856	-5.13201	0.000867188	0.220662	-4.53182	0.0158552	0.409277	-2.44333	0.840369	0.940847	-1.06287	0.0028867	0.289733	-3.45145	0.0388462	0.485219	-2.06093	0.916806	13.2731	1.28689	1
cg18112405	H2BFWT;MIR1256	0.0221966	0.1101665	0.633771	-1.57786	0.1705966	0.855227	-1.16922	0.024105496	0.3686584	-2.71535	0.7963372	0.190618	-1.05025	0.2134699	0.4685139	-2.13439	0.148758	1.50028	1.500283	0.794551	1.20705	1.20705	0.6440098	1.1209	1.1209	0.4403369	0.9605958	1.0109	1.064098	1.12959	4.54005	0.965958	1
cg13214067	H2BFWT;MIR1256	0.0268012	0.2658099	1.05606	0.0447015	0.65735	-1.52126	0.0197073	0.6936881	-1.44159	0.193748	0.778552	-1.28444	0.0139142	0.5751157	-1.73865	0.152421	1.321586	1.0128275	0.679067	1.47295	1.79069	0.64686	0.9194557	-1.0876	0.7256525	0.937871	-1.06624	0.492567	2.23204	0.46654	1
cg19978873	H3F3A;LOC440926	0.0130065	0.3100482	1.2588	1.2588	0.0448445	2.3338	2.3338	0.1813299	1.76854	1.76854	0.0249406	4.03	4.03	0.2126076	0.5849	-1.70941	0.765267	0.96343	-1.03802	0.2106112	1.62555	1.62555	0.8018531	0.9549358	-1.04737	0.4242727	0.7861057	1.27231	0.4482361	1
cg10632226	H3F3A;LOC440926;H3F3A	0.0474396	0.937294	0.98244	-1.01787	0.167495	1.39276	1.39276	0.0725351	1.57014	1.57014	0.613265	1.1216	1.1216	0.068682	1.58222	1.58222	0.3880002	1.22045	1.22045	0.00627392	0.4485221	-2.22955	0.2687461	0.7715343	-1.2961	0.3363335	0.7999943	1.25009	3.45626	2.77532	0.713762	1
cg20656624	H3F3B	0.0025436	0.309059	1.40406	1.40406	0.00181524	1.47577	1.47577	0.0181655	2.50291	2.50291	0.0460508	2.09005	2.09005	0.0250858	2.423297	-2.3624	0.798205	1.0861	1.0861	0.171027	0.625072	-1.55982	0.0033737	0.44267	0.6.44267	0.123166	1.73124	1.71318	4.98188	14.7905	1.46304	1
cg18243159	H3F3B	0.0041928	0.0041928	1.34778	1.34778	0.0189919	0.553872	-1.80597	0.0144697	0.4556553	0.0209956	0.1887878	0.1887878	0.00923381	0.486492	-2.05553	0.0209956	0.4804492	-2.08169	0.0209956	0.4804492	-2.08169	0.0209956	0.4804492	-2.08169	-1.35157	0.05008	0.98644	-1.01375	0.150042	14	5.82725	0.6869396	1
cg04379969	H3F3B	0.0042584	0.5012388	1.20348	1.20348	0.0573882	1.79192	1.79192	0.0257611	2.05154	2.05154	0.246394	0.7196842	-1.3895	0.000326691	0.206863	-4.83413	?	?	?	0.0651499	0.5701135	-1.75397	0.2500556	1.38567	1.38567	0.5243351	1.19134	1.19134	7.87279	8.16156	1.03668	1
cg08122789	H3F3B	0.0072221	0.666037	0.826256	-1.21018	0.0193249	1.371511	1.371511	0.2791511	1.865171	1.865171	0.028212	-1.07745	0.0079566	0.168439	0.5368661	-1.86291	1.36551	1.36551	1.36551	0.0006009	0.0407483	-24.5409	?	?	?	?	?	?	?	1.40539	0.666139	0.5967361	1.67567	12.1907	13.8874	29.5641	1.55385	1
cg00012036	H3F3B	0.0239022	0.338612	0.67573	1.075373	0.503733	0.1515	1.0515	0.475907	1.05511	1.055111	0.0353649	0.8341653	-1.19881	0.514938	1.05008	1.05008	0.1502047	1.12089	1.12089	0.017038	0.8065321	-1.2402	0.3015598	0.6.46298	0.4.46298	0.1425645	0.9.38861	0.1.04375	4.42565	0.3838861	0.0770982	1
cg12741170	H3F3C	0.000171193	0.1797951	1.11368	1.11368	6.95E-06	0.471237	-2.12207	0.00040666	0.65403	-1.52898	0.0372756	0.83302	-1.20045	0.0240773	0.8161017	-1.22547	0.0970469	0.8714151	-1.14756	0.000820298	0.6831447	-1.46381	0.0767101	1.16042	1.16042	0.0214447	0.81153	-1.23224	19.1611	1.7332	0.0804037	1
cg27181199	H3F3C	0.0106682	0.0040466	0.615195	-1.62543	0.0109284	0.193	-3.1625	0.0147705	0.3076	-3.25	0.0010736	0.485983	-2.05836	0.0048483	-2.45555	0.0107736	0.4555	0.2195	0.2195	0.0023512	0.3246969	-3.06372	0.0184494	0.4151096	2.42485	0.0737941	0.541802	-1.84569	-1.51582	1.29265	1.53127	1
cg01187910	H3F3C	0.0036494	0.0084252	1.14753	1.14753	0.749644	0.230171	1.023371	0.594695	0.9614514	-1.04009	0.170565	1.11275	1.11275	0.177945	1.11048	1.11048	0.46424	0.946929	-1.05593	0.0910971	1.57961	1.57961	0.0280616	1.20917	1.20917	0.0076498	1.778025	-1.28531	0.072332	0.685144	0.075445	1
cg00458157	H3F3C	0.0031905	0.0031905	1.43219	1.43219	0.0054475	0.58364	-1.71332	0.0004666	0.3733289	2.67964	0.0170997	0.19451	-5.14264	0.0068804	0.4894	-2.04313	0.0253297	0.5004	-1.99841	0.0026112	1.62555	1.62555	0.0180351	0.9549358	-1.04737	0.4242727	0.7861057	1.27231	0.4482361	1
cg23914842	H6PD	0.00340649	0.2228	0.727152	-1.37523	0.577938	1.15004	1.15004	0.11773	0.655385	-1.52582	0.483851	0.837813	-1.19358	0.00235013	0.347933	2.87411	0.504114	0.844844	-1.18365	0.0283666	1.90334	1.90334	95E-06	10.5902	0.365819	0.79367	-1.25997	15.887	15.5643	0.870835	1
cg17114375	H6PD	0.00036562	0.102455	0.775433	-1.2896	0.0364368	0.707458	-1.41351	0.07189333	0.751295	-1.33103	1.38E-05	0.274752	-3.63964	0.00334794	0.438946	-2.27819	0.645819	0.936262	-1.06808	0.0162767	1.51915	1.51915	0.193624	0.822209	-1.21624	0.702468	0.946842	-1.05614	15.354	4.92558	0.285156	1
cg25940511	H6PD	0.00407787	0.0031549	0.7938	0.7938	0.0248445	2.3338	2.3338	0.1813299	1.76854	1.76854	0.0249406	4.03	4.03	0.2126076	0.5849	-1.70941	0.765267	0.96343	-1.03802	0.2106112	1.62555	1.62555	0.0180351	0.9549358	-1.04737	0.4242727	0.7861057	1.27231	0.4482361	1
cg04199779	H6PD	0.00053304	0.0247059	0.685939	-1.45786	1.43E-05	3.57528	3.57528	0.0451204	1.38217	1.38217	0.215079	1.20195	1.20195	0.6153101	0.931069	-1.07403	0.00788488	1.6168	1.6168	0.0691476	0.750782	-1.33194	0.958995	1.00727	1.00727	0.0639733	1.34107	1.34107	14.0388	2.44781	0.279721	1
cg02276194	H6PD	0.0016745	0.0016745	1.02805	1.028051	0.1529454	1.21594	1.21594	0.5650767	1.12055	1.12055	0.1010565	0.41659	-2.40115	0.0087464	0.5804645	-2.62839	0.0007557	0.71565	-1.39175	0.0359974	1.50881	1.50881	0.0109231	1.72555	1.72555	0.1132864	0.7305653	1.36881	1.91905	7.59442	2.80626	0.4062028	1
cg18785742	H6PD	0.00194824	0.985357	0.997462	-1.00254	0.259799	1.17673	1.17673	0.0902163	0.632782	-1.58032	0.917202	0.985707	-1.0145	0.000103513	0.386476	-2.58749	0.153725	1.233	1.233	0.046028	1.38725	1.38725	0.992755	0.9987444	-1.00126	0.0099578	0.7637235	1.56928	0.9158	1.9482	0.269819	1
cg24738325	H6PD	0.00543888	0.141811	0.86248	-1.15945	0.15154	0.865957	-1.15479	0.0820796	0.83491	-1.19773	0.388211	0.08636	0.08636	0.313306	1.01261	1.01261	0.00100313	1.57999	1.57999	0.0160429	1.317911	1.31791	0.0264254	0.7815511	-1.27957	0.0596144	0.819464	-1.22031	7.15204	0.9936659	0.123497	1
cg18865272	H6PD	0.0462404	0.0462404	1.31995	1.319954	0.0183271	0.537758	-1.85975	0.0124274	0.3812188	-2.62413	0.0611507	0.524259	-1.90753	0.0078544	0.3804624	-2.62839	0.0006113	0.198816	-5.02724	0.0176525	0.4778085	-2.09168	0.0277963	0.4493504	-2.22567	0.0073772	0.34723	-2.87993	0.614364	0.51402	1.31866	1
cg01804500	H6PD	0.00970925	0.766182	0.940553	-1.06312	0.826115	0.955791	-1.04625	0.203153	1.31795	0.317425	0.978913	1.02154	0.0105762	0.516412	1.93644	1.93644	0.00842729	0.356364	2.80612	0.014322	1.86006	1.86006	0.863779	0.965325	-1.03592	0.931762	1.082554	1.07176	5.9666	3.99109	0.594583	1
cg00528795	H6PD	0.0415951	0.0023203	0.779508	-1.28284	0.0104303	0.01545	-3.21246	0.2004103	0.7455	-1.34146	0.0147746	0.4891957	-2.04381	0.0027882	-2.58399	0.0022063	0.573242	0.0260906	-3.83202	0.0004722	0.2.42E-05	0.0.41331	0.0.24263	0.0.40792	0.0.13831	0.0.72303	0.0.39644	-1.48231	0.1.83683	2.63603	-1.20973	0.2347518	-1.17533	1.17532	0.0402781	0.7188076	0.1.03881	1
cg02601917	H6PD	0.0201697	0.0434402	0.562209	-1.7787	0.002162	2.90841	2.90841	0.956296	0.986502	-1.01368	0.706519	1.09834	1.09834	0.0886362	0.627663	1.59321	0.0747996	1.63574	1.63574	0.917352	0.97459	-1.02607	0.0655694	1.66938	1.66938	0.44946	0.82604	-1.2106	4.69107	4.56837	0.865639	1
cg19285508	H6PD	0.022406	0.0023358	0.647433	-1.54439	-2.21937	0.078565	0.61863	-1.53406	0.0950554	0.548152	-1.85133	0.0569317	1.50953	0.340126	0.8003	-1.24948	0.463911	0.668479	-1.49564	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1
cg21546874	H6PD	0.0147369	0.983631	0.98774	-1.01222	?	0.057043	0.857046	0.378796	1.378996	0.314958	0.199807	-1.00482	0.201092	0.436866	-2.28903	0.167721	0.836321	1.19571	0.372487	0.2863435	2.182373	-1.49239	0.807622	1.23984	1.23984	0.0050307	0.0381482	-2.02215	0.864949	2.63036	0.653606	1
cg09122657	H6PD;H6PD	0.0189182	0.138374	0.818331	-1.222	0.922137	1.01236	1.01236	0.399936	0.897374	-1.11436	0.0406527	0.743026	-1.34585	0.0721018	0.777038	-1.28694	0.188237	0.839279	-1.1915	0.000455261	0.4995544	-2.00183	0.49381	0.9161381	-1.09125	0.4013734	1.113388	1.113388	4.79405	1.19905	0.222322	1
cg07286479	H6PD;H6PD	0.0187853	0.1191951	0.804005	-1.24371	0.0100209	0.705095	-1.41916	0.2464896	0.8480483	-1.17936	0.455755	0.8913725	-1.12165	0.2938117	0.5406108	-1.85003	0.471609	1.12548	1.125482	0.2598171	1.160775	1.16077	0.1184494	0.8515096	1.17402	1.174021	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1
cg23913482	H6PD;H6PD	0.0365599	0.927788	0.993216	-1.00683	0.861109	0.986936	-1.01324	0.00191064	1.39111	1.39111	0.829118	0.9839	-1.01636	0.679124	0.960247	-1.03173	0.857805	0.986623	-1.01356	0.0136456	0.795241	0.795241	0.944847	1.00521	1.00521	0.916779	0.992182	-1.00788	3.80263	0.339601	0.0793837	1
cg17246140	HAAO	0.00814601	0.0089409	3.39007	3.39007	0.154027	2.17827	2.17827	0.3782102	1.56823	1.56823	0.2570991	1.82836	1.828362	0.0159863	4.5031	4.5031	0.0225582	4.02851	4.0099449	0.0039849	17.7281	17.7281	0.00366993	7.41877	7.41877	0.0526045	1.07767	3.07767	6.28888	26.9349	3.66411	1
cg25441737	HAAO	0.0174679	0.0154191	0.583699	-1.71321	0.0437952	2.657248	-1.5231	0.0663294	0.808808	-1.44742	0.0359841	0.642873	-1.55552	0.03039991	0.643752	-1.58541	0.1721516	0.768601	-1.30106	0.0853744	1.8284	1.8284	0.0.94865	0.838769	-1.19222	0.806134	0.956454	-1.04554	4.9245	2.55825	0.837705	1
cg09586933	HAAO	0.0237977	0.0960745	2.89008	0.256163	1.66366	1.606666	0.188969	2.24785	2.24785	0.212106	2.14894	0.214894	0.479462	1.51925	1.51925	1.51925	0.0236872	4.81563	4.815631	0.0013655	14.9467	14.9467	0.0112953	6.33864	6.33864	0.0465612	1.76815	3.76815	4.43237	23.779	4.76877	1
cg02089940	HAAO	0.0105854	6.7908E-05	0.7908	0.7908	0.0248445	2.3338	2.3338	0.1813585	1.76854	1.76854	0.0249406	4.0434	4.04348	0.2110888	0.5849	-1.70941	0.765267	0.96343	-1.03802	0.2106112	1.62555	1.62555	0.0180351	0.9549358	-1.04737	0.4242727	0.7861057	1.27231	0.4482361	1	4.341	4.5001	15.1031	15.1031	0.1177797	4.341	4.5001	0.1426176	1
cg26360792	HAAO	0.0411539	0.0871568	8.16625	8.16625	0.0841818	3.67111	3.67111	0.2697611	0.269761	3.58863	3.58863	0.218022	4.223371	4.223371	0.142456	5.77188	5.77188	0.115852	6.68783	6.68783	0.00292325	94.2238	94.2238	0.01264	31.4031	31.4031	0.0316966	16.4473	16.4473	3.64469	71.3592	17.4035	1
cg09480054	HAAO	0.0460816	0.937307	0.937307	0.0824713	0.13731	0.613731	0.165076	0.224337	4.21437	0.251422	3.13586	0.3133586	0.0183482	0.10425	9.59	9.59	0.0076534	7.13603	7.136031	0.0055148	18.0803	18.0803	0.157827	6.34272	6.34272	0.0180825	55.7827	55.7827	0.040285	9.72194	5.06569	0.274	1
cg09368936	HAAO	0.0442763	0.0247061	16.2626	16.2626	0.0991487	5.87661	5.87661	0.145123	5.11252	5.11252	0.0996597	6.56537	6.565377	0.0875027	7.15036	7.15036	0.217527	4.59717	4.597172	0.0051629	37.0383	37.0383	0.0.47183	21.1584	21.1584	0.0.54697	1.83013	1.83013	0.0.22125	8.46949	2.63036	0.653606	1
cg09152616	HAAO	0.0483251	0.103499	4.11026	4.11026	0.0421698	6.41209	6.41209	0.152832	3.37167	3.37167	0.244499	2.62869	2.62869	0.0509421	5.84175	5.84175	0.188237	0.839279	-1.1915	0.000455261	0.4995544	-2.00183	0.49381	0.9161381	-1.09125	0.4013734	1.113388	1.113388	4.79405	1.19905	0.222322	1
cg18510011	HAAO	0.0083814	0.0083814	0.527536	-1.89577	0.0100209	0.705095	-1.41916	0.2464896	0.8480482	-1.18625	0.0029342	0.460809	-2.17035	0.0026602	-2.68478	0.0029342	0.460809	-2.17035	0.0026602	-2.68478	0.0029342	0.460809	-2.17035	0.0026602	-2.68478	0.0029342	0.460809	-2.17035	0.0026602	-2.68478	0.0029342	0.460809	-2.17035	0.0026602	-2.68478	1
cg26656452	HAAO	0.0032658	0.202968	0.71898	-1.39086	0.120514	0.661406	-1.51193	0.736999	0.92059	-1.08626	0.374181	0.799375	-1.25098	0.000149443	0.202073	4.94871	0.0298461	0.53395	-1.87283	0.0862434	1.59248	1.59248	0.49873	1.18363	1.18363	0.804938	0.9410066	-1.06262	6.82636	6.51513	0.848362	1
cg18833140	HAAO	0.0018344	0.0018344	0.712102	-1.40433	0.0100773	1.12337	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1.12337	0.0192882	0.8239233	1
cg23691875	HAAO	0.0352422	0.6683827	0.07711	1.07712	0.0136402	0.590967	-1.69214	0.032577	0.649715	-1.53914	0.0641255	1.4314	1.4314	0.32601	0.839605	0.19104	0.339824	1.18482	1.18482	0.0357363	1.52392	1.52392	0.279266	0.8237211	-1.214	0.56251	0.903988	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)
cg05155840	HAND2	0.00433304	0.653396	1.18131	1.18131	0.243785	0.63791
cg24974365	HAND2	0.0112493	0.893737	0.951831	-1.05061	0.17849	0.589761
cg08297751	HAND2	0.0128038	0.559439	1.39057	1.39057	0.352951	0.586299
cg01967399	HAND2	0.016083	0.957825	1.0248	1.0248	0.0253716	0.29191
cg01566965	HAND2	0.0177229	0.263667	0.652819	-1.53182	0.0177929	0.348339
cg27218796	HAND2	0.0222545	0.448794	0.629295	-1.58908	0.12208	0.365862
cg04771946	HAND2	0.0248702	0.153961	0.496508	-2.01407	0.00261513	0.147797
cg10933003	HAND2	0.0349183	0.0117569	9.63751	9.63751	0.0869531	3.89982
cg13935962	HAND2;NBLA00301	3.10E-05	0.0167708	0.679309	-1.47208	0.00646674	1.59842
cg21530280	HAND2;NBLA00301	0.00132403	0.15902	0.673488	-1.48481	0.000230997	4.97953
cg03676512	HAND2;NBLA00301	0.00531235	0.140032	0.626956	-1.59501	0.186583	1.5094
cg05536800	HAND2;NBLA00301	0.0128528	0.574021	1.13619	1.13619	0.142582	1.42518
cg03905758	HAND2;NBLA00301	0.0234441	0.116042	1.2882	1.2882	0.0719342	1.34695
cg00443971	HAND2;NBLA00301	0.0310734	0.0595072	0.570421	-1.75309	0.0116935	0.435386
cg07410872	HAND2;NBLA00301	0.0349988	0.732594	0.838205	-1.19303	0.268982	1.8084
cg10541864	HAND2;NBLA00301;HAND2	0.000173784	0.606581	1.09472	1.09472	0.351219	0.846071
cg25102370	HAND2;NBLA00301;HAND2	0.000823497	0.505785	0.849765	-1.1768	0.671776	0.902341
cg02774439	HAND2;NBLA00301;HAND2	0.00120733	0.872467	0.948436	-1.05437	0.235227	0.663666
cg19201723	HAO1	0.000825808	0.108717	0.792904	-1.26119	0.00513405	0.612432
cg24634526	HAO1	0.000973275	0.933059	1.01249	1.01249	0.00112698	0.492572
cg00407901	HAO1	0.00240201	0.354415	0.862855	-1.15894	0.00338954	1.85299
cg23228921	HAO1	0.00345743	0.142264	0.737196	-1.35649	0.000785281	0.374846
cg25157408	HAO1	0.00580391	0.265496	0.823096	-1.21492	9.02E-05	0.308852
cg05831784	HAO1	0.0438763	0.364326	1.49154	1.49154	0.500136	0.745616
cg06613817	HAO2;HAO2	6.92E-06	0.300404	0.749157	-1.33483	0.000423881	0.22254
cg13063101	HAO2;HAO2	0.000247644	0.0238538	1.61892	1.61892	0.0104443	1.77892
cg00071381	HAO2;HAO2	0.00374046	0.456628	0.831233	-1.20303	0.533735	0.857552
cg03324101	HAP1;HAP1;HAP1	6.70E-06	0.466525	0.885406	-1.12943	2.32E-05	0.249179
cg12518734	HAP1;HAP1;HAP1	0.000274837	0.676404	0.951622	-1.05084	0.0766938	1.26187
cg05325699	HAP1;HAP1;HAP1	0.0315381	0.699399	0.946305	-1.05674	0.0126213	1.55442
cg18852630	HAPLN1	0.00372789	0.00404568	0.106342	-9.40362	0.00149583	0.0701065
cg15083037	HAPLN1	0.0462135	0.319975	1.13678	1.13678	0.0349294	0.735924
cg27312255	HAPLN2	0.00698243	0.00288543	0.440869	-2.26825	0.0387834	0.619858
cg01561528	HAPLN2	0.00704052	0.123944	1.57089	1.57089	0.00278766	3.05705
cg25139187	HAPLN2	0.0247638	0.647147	0.848684	-1.17829	0.00714162	3.44462
cg22369590	HAPLN2	0.0295601	0.00715689	0.364541	-2.74318	0.0306623	0.478152
cg19820052	HAPLN2	0.0437992	0.178014	1.38606	1.38606	0.591867	1.13139
cg01079164	HAPLN2	0.0467005	0.131291	0.654423	-1.52806	0.892326	0.965367
cg24129193	HAPLN3	0.000307921	0.00132455	0.369938	-2.70316	0.000275515	3.5547
cg02585142	HAPLN3	0.000395808	0.4528	0.820958	-1.21809	0.150869	1.48751
cg02231729	HAPLN3	0.00166154	0.665926	0.934582	-1.07	0.93756	0.987871
cg22138529	HAPLN3	0.00198025	0.763889	0.902611	-1.1079	0.0593695	2.06251
cg18587059	HAPLN3	0.00261822	0.0130739	0.621633	-1.60867	0.115677	1.30225
cg03628719	HAPLN3	0.00324625	0.0015748	0.216896	-4.61051	0.00617791	0.300475
cg02121749	HAPLN3	0.0209384	0.0351359	0.560106	-1.78538	0.10847	0.661321
cg02071670	HAPLN3	0.022186	0.0153685	0.337993	-2.95864	0.027936	0.387856
cg08317426	HAPLN3	0.0287319	0.546254	1.25372	1.25372	0.136785	1.81034
cg25867569	HAPLN3	0.0401334	0.749354	0.922007	-1.08459	0.102005	0.63546
cg16661000	HAPLN3	0.0496824	0.07398	7.41502	7.41502	0.0342517	12.0035
cg26136534	HAPLN4	0.00189539	0.996323	1.00056	1.00056	0.008696	1.50658
cg13523818	HAPLN4	0.00652512	0.00883129	2.31637	2.31637	0.013519	2.16034
cg15210276	HAPLN4	0.00718238	0.00143023	0.276382	-3.61818	0.559894	1.17867
cg00362665	HAPLN4	0.0231661	0.0261854	0.549211	-1.82079	0.81776	1.05384
cg03719032	HAPLN4	0.024081	0.129688	0.39448	-2.53498	0.0800341	0.33168
cg14449575	HAPLN4	0.0319134	0.181658	0.866472	-1.15411	0.0172028	1.34103
cg12163845	HAPLN4	0.0479366	0.25511	0.697852	-1.43297	0.0979023	1.73284
cg22694191	HAPLN4;HAPLN4	0.0205269	0.12529	0.415403	-2.4073	0.00363255	8.03401
cg26532253	HAR1A;HAR1B	0.000136647	0.0165872	0.739805	-1.35171	2.34E-05	2.38792
cg09191485	HAR1A;HAR1B	0.0100684	0.227232	0.833319	-1.20002	0.179331	0.814514
cg12207022	HAR1A;HAR1B	0.0439875	0.75152	1.13975	1.13975	0.0517675	2.48805
cg14898787	HAR1B	0.022211	0.189445	0.468866	-2.1328	0.00484377	0.130553
cg25739882	HAR1B;HAR1A	0.000175086	0.79876	1.04735	1.04735	0.85672	1.03327
cg02519263	HAR1B;HAR1A	0.00250787	0.0222944	0.488753	-2.04602	0.00408012	0.365133
cg04390667	HARBI1	0.0352041	0.100035	1.47251	1.47251	0.0426668	0.605874
cg02336163	HARS	0.0145495	0.328633	0.673616	-1.48453	0.4896	1.31658
cg15379408	HARS2	0.00343902	0.00112394	0.407094	-2.45644	0.00425307	0.488241
cg16422602	HARS2	0.00396851	0.288491	0.824209	-1.21328	0.408985	1.1597
cg13904348	HARS2;HARS	0.00258213	0.768206	0.903372	-1.10696	0.452975	1.30066
cg20680166	HARS2;HARS	0.0215199	0.000578207	0.333768	-2.99609	0.82413	1.04694
cg06712340	HARS2;HARS	0.0268028	0.0148442	0.355856	-2.81012	0.049671	0.462093
cg26273129	HARS2;HARS	0.0368531	0.0122262	0.330578	-3.02501	0.34206	0.706716
cg09368129	HARS2;HARS	0.0381741	0.59906	0.925864	-1.08007	0.214611	0.827222
cg19091068	HARS;HARS2	0.00091909	0.000497869	4.1998	4.1998	0.00123736	0.307728
cg04672769	HARS;HARS2;HARS	0.000113549	0.115172	1.09089	1.09089	0.00151343	1.26119
cg17882028	HARS;HARS2;HARS	0.00604327	0.321889	0.848745	-1.17821	0.042636	1.45359
cg22352504	HAS1	3.04E-06	2.19E-05	0.384331	-2.60192	0.186756	0.854789
cg07645486	HAS1	5.27E-06	0.10814	0.808007	-1.23761	0.0145583	0.693502
cg08496123	HAS1	0.000665063	0.0433501	0.398934	-2.50668	0.00334033	0.206066
cg14141399	HAS1	0.0011323	0.00713099	0.327879	-3.0499	0.00202659	0.247421
cg07475954	HAS1	0.00311039	0.30577	0.596345	-1.67688	0.000661009	0.0786794
cg13300756	HAS1	0.00848395	0.0567599	0.500192	-1.99923	0.00164645	0.23511
cg11425517	HAS1	0.0135146	0.607405	0.759564	-1.31655	0.0317325	0.26287
cg06416764	HAS1	0.0325215	0.130666	0.562716	-1.77709	0.0263448	0.395394
cg02229261	HAS1	0.0335315	0.932912	0.957826	-1.04403	0.0776802	2.72796
cg15131156	HAS1	0.0346898	0.00752712	0.28139	-3.55378	0.0477462	0.434045
cg14312578	HAS1	0.0453807	0.257109	1.44127	1.44127	0.0112925	2.66617
cg10807260	HAS1	0.046446	0.0243211	0.477639	-2.09363	0.727155	0.908075
cg00380266	HAS2	7.61E-05	1.02E-05	0.260991	-3.83155	0.0519029	0.73042
cg20146177	HAS2	0.0257162	0.0496695	0.59717	-1.67457	0.275531	0.770142
cg24030587	HAS2;HAS2AS	0.00223943	0.304975	1.39107	1.39107	2.73E-05	0.0764889
cg26546537	HAS2;HAS2AS	0.00364333	0.273123	0.755974	-1.3228	0.249479	0.744371
cg21781600	HAS2;HAS2AS	0.00547149	0.516486	0.942266	-1.06127	0.000208961	0.570725
cg01957088	HAS2;HAS2AS	0.00678738	0.00527284	0.330696	-3.02393	0.00268811	0.287116
cg04719491	HAS2;HAS2AS	0.0091093	0.265012	1.21435	1.21435	0.525522	0.898031
cg07550921	HAS2;HAS2AS	0.0148885	0.256436	0.815655	-1.22601	0.0231938	0.626973
cg12461568	HAS2;HAS2AS	0.044335	0.0509782	2.56547	2.56547	0.263624	1.63864
cg11267609	HAS2;HAS2AS	0.0469731	0.764523	0.849444	-1.17724	0.0154921	5.29078
cg19275050	HAS2;HAS2AS;HAS2	1.64E-05	6.49E-07	0.0197809	-50.5538	0.00299174	0.308695
cg10002564	HAS2AS;HAS2	0.00098161	0.288697	0.783455	-1.2764	0.000228016	0.257406
cg23585337	HAS2AS;HAS2	0.00883794	0.309982	1.14986	1.14986	0.207239	0.83796
cg13192836	HAS2AS;HAS2	0.0163313	0.234459	0.526828	-1.89815	0.00333717	0.128196
cg11660664	HAS2AS;HAS2	0.0169617	0.170448	1.61932	1.61932	0.00303159	0.261486
cg18319366	HAS2AS;HAS2	0.0255147	0.0424831	0.216777	-4.61304	0.00357863	0.0756086
cg21228517	HAS2AS;HAS2	0.0288429	0.03957	1.35374	1.35374	0.545385	1.08098
cg03041602	HAS2AS;HAS2	0.0357346	0.0791348	0.813094	-1.22987	0.164589	1.17045
cg18047159	HAS2AS;HAS2	0.0458786	0.0565965	0.152866	-6.54166	0.00650126	0.04604
cg16524960	HAS3;HAS3	0.000281572	0.280634	0.814903	-1.22714	0.00520509	1.96009
cg03767565	HAS3;HAS3	0.00102295	0.816529	1.0318	1.0318	0.00107356	0.521641
cg03008741	HAS3;HAS3	0.00116816	0.0968535	0.768072	-1.30196	0.00378201	1.76067
cg12108730	HAS3;HAS3	0.00205596	0.476461	0.897743	-1.1139	0.264361	1.18927
cg01271325	HAS3;HAS3	0.00365212	0.0145391	0.479945	-2.08357	0.00705629	2.33777
cg04320956	HAS3;HAS3	0.00938797	0.0985176	0.786961	-1.27071	0.00194323	1.7854
cg06039417	HAS3;HAS3	0.0137013	0.172759	0.756545	-1.3218	0.772196	0.945714
cg02562299	HAS3;HAS3	0.0164184	0.283534	0.763484	-1.30978	0.0962649	0.642523
cg01656168	HAS3;HAS3	0.0325044	0.309534	0.827293	-1.20876	0.0168386	0.591078
cg00451194	HAS3;HAS3	0.0470833	0.0697286	0.707508	-1.41341	0.293317	0.830303
cg01966091	HAS3;HAS3;HAS3	0.0311849	0.342065	1.76753	1.76753	0.655418	0.77002
cg04507121	HAT1;HAT1	0.000247903	0.0227798	0.751058	-1.33145	0.018977	0.742019
cg08739755	HAT1;HAT1	0.00166102	0.18481	0.774637	-1.29093	3.64E-05	0.235979
cg10190161	HAT1;HAT1	0.00200308	0.841254	1.04661	1.04661	0.0950238	1.51701
cg26604901	HAUS1;ATP5A1;HAUS1	0.00220773	0.738561	0.971812	-1.02901	0.992893	1.00076
cg01081303	HAUS3	0.00504111	0.0191933	0.352976	-2.83306	0.00397461	0.240919
cg00506540	HAUS3	0.0113892	0.635473	1.21707	1.21707	0.563977	1.27118
cg16320684	HAUS3	0.0118094	0.84612	0.93497	-1.06955	0.00391358	0.260822
cg05768983	HAUS3	0.0150912	0.0741378	0.680449	-1.46962	0.0458911	1.55691
cg02551797	HAUS3	0.0232518	0.0795068	1.44995	1.44995	0.142172	0.73993
cg26408003	HAUS4;HAUS4;HAUS4	0.00405829	0.0316913	0.753733	-1.32673	0.002398	1.60779
cg03978920	HAUS4;HAUS4;HAUS4	0.00604605	0.385277	0.879655	-1.13681	0.204423	1.21278
cg21807240	HAUS4;HAUS4;HAUS4	0.0127942	0.250404	0.739809	-1.3517	0.000700809	3.65737
cg00898807	HAUS4;HAUS4;HAUS4	0.0138214	0.0136687	0.621137	-1.60995	0.0284817	0.667867
cg11891504	HAUS4;HAUS4;HAUS4	0.0295972	0.0035444	0.501659	-1.99339	0.135028	1.32472
cg26692724	HAUS4;HAUS4;HAUS4;HAUS4;HAUS4;HAUS4	0.00319931	0.988304	0.997999	-1.002	0.93469	1.01126
cg07268620	HAUS5	3.40E-05	0.159887	1.34805	1.34805	0.0111031	0.530871
cg20255082	HAUS5	0.000333205	0.337012	1.40635	1.40635	0.572763	0.821745
cg25315287	HAUS5	0.0157362	?	?	?	0.00394602	0.186265
cg19559668	HAUS5	0.0346541	0.641056	0.882809	-1.13275	0.0024517	0.32669
cg26982980	HAUS5	0.0394363	0.683872	1.08596	1.08596	0.768013	0.942158
cg05296832	HAUS5	0.0470168	0.970034	1.00836	1.00836	0.581286	1.13147
cg14268226	HAUS6	5.72E-06	1.19E-05	0.180807	-5.53076	0.0105139	0.55174
cg07664183	HAUS6	0.0179629	0.968583	1.01681	1.01681	0.550207	1.29157
cg07988015	HAUS6	0.0180691	0.0374036	0.713318	-1.4019	0.0498653	1.36731

Columns continuing to the right: Fold-Change(105T vs. N), p-value(111T vs. N), Ratio(111T vs. N), Fold-Change(111T vs. N), p-value(112T vs. N), Ratio(112T vs. N), Fold-Change(112T vs. N), p-value(121T vs. N), Ratio(121T vs. N), Fold-Change(121T vs. N), p-value(347T vs. N), Ratio(347T vs. N), Fold-Change(347T vs. N), p-value(353T vs. N), Ratio(353T vs. N), Fold-Change(353T vs. N), p-value(537T vs. N), Ratio(537T vs. N), Fold-Change(537T vs. N), p-value(563T vs. N), Ratio(563T vs. N), Fold-Change(563T vs. N), F(Test), SS(Test), SS(Error), F(Error) — [illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13860981	HAUS6	0.0413554	0.0180409	1.54172	1.54172	0.238267	0.830148	-1.2046	0.0416368	0.701913	-1.42468	0.108192	1.30226	1.30226	0.665866	1.06766	1.06766
cg04013810	HAUS7	0.00143556	0.0137516	1.98255	1.98255	0.0015683	2.77499	2.77499	0.00259432	2.55427	2.55427	0.377278	1.22576	1.22576	0.000539261	0.29842	-3.35098
cg03534718	HAUS7	0.00907786	0.644094	1.13303	1.13303	0.0886731	1.65565	1.65565	0.035065	0.51724	-1.93334	0.0126194	0.434921	-2.29927	0.00129281	0.284023	-3.52084
cg11139821	HAUS7	0.0203024	0.0503583	1.9799	1.9799	0.101036	0.577003	-1.73309	0.271422	1.41991	1.41991	0.97458	0.99029	-1.0098	0.00279597	0.283195	-3.53113
cg19636887	HAUS7;TREX2	0.0318816	0.0270128	0.175835	-5.68716	0.296048	0.487092	-2.053	0.061437	0.246892	-4.05036	0.743348	0.804034	-1.24373	0.00527538	0.0870112	-11.4928
cg22081355	HAUS8;MYO9B;MYO9B;HAUS8	0.000563191	0.143718	1.27278	1.27278	0.124867	1.29057	1.29057	0.0577986	1.39007	1.39007	0.754185	0.952915	-1.04941	0.00117492	0.481385	-2.07734
cg26432088	HAVCR1;HAVCR1	4.69E-05	6.13E-05	0.224018	-4.46392	0.0249549	0.582929	-1.71547	0.000322757	0.308294	-3.24365	1.91E-05	0.172473	-5.79799	2.67E-05	0.186652	-5.35757
cg24526056	HAVCR1;HAVCR1	0.000869389	0.606119	0.896993	-1.11484	0.00371846	0.44084	-2.26839	0.191095	0.74878	-1.33551	0.00267263	0.419856	-2.38177	0.0670846	0.651192	-1.53565
cg01485975	HAVCR1;HAVCR1	0.000989832	0.124905	0.6682	-1.49656	0.00449904	0.398869	-2.50709	0.00319495	0.376439	-2.65647	0.00388466	0.389159	-2.56964	0.00836999	0.441459	-2.26522
cg25988204	HAVCR1;HAVCR1	0.00100519	0.353498	0.793951	-1.25952	0.000112122	0.193805	-5.15982	0.00172661	0.339402	-2.94636	0.0498029	0.582283	-1.71738	0.512603	1.1741	1.1741
cg01923482	HAVCR1;HAVCR1	0.00905214	0.00114807	0.448133	-2.23148	0.742408	0.946115	-1.05695	0.292206	0.832321	-1.20146	0.544742	1.10844	1.10844	0.0180107	0.617158	-1.62033
cg01551315	HAVCR1;HAVCR1	0.0118286	0.0982721	0.649825	-1.53888	0.0149871	0.491182	-2.0359	0.0369055	0.562061	-1.77916	0.962815	1.01114	1.01114	0.00214724	0.358928	-2.78608
cg11188031	HAVCR1;HAVCR1	0.0151706	0.00830608	0.245128	-4.0795	0.342742	0.665432	-1.50278	0.0331826	0.354319	-2.82232	0.00888057	0.24967	-4.00528	0.0199882	0.310368	-3.22199
cg12943317	HAVCR1;HAVCR1	0.0228918	0.0331535	0.355215	-2.8152	0.028274	0.340845	-2.93388	0.115382	0.490964	-2.03681	0.85524	1.07885	1.07885	0.791965	0.895958	-1.11612
cg07320595	HAVCR1;HAVCR1;HAVCR1	0.00644656	0.971072	0.989814	-1.01029	0.0386083	1.96671	1.96671	0.274743	1.37828	1.37828	0.765124	0.918889	-1.08827	0.796671	1.07562	1.07562
cg19110684	HAVCR2	0.0056016	0.0294779	0.532949	-1.87635	0.0275231	0.527367	-1.89621	0.00090951	0.295922	-3.37927	0.00316948	0.371757	-2.68993	0.0346498	0.5463	-1.8305
cg19646897	HAVCR2	0.00722343	0.282358	0.750007	-1.33332	0.0941525	0.622567	-1.60625	0.000874926	0.276581	-3.61557	0.00429582	0.374041	-2.6735	0.84731	0.951571	-1.05089
cg19063654	HAVCR2	0.00889123	0.72201	1.12098	1.12098	0.914463	0.966234	-1.03495	0.0768267	0.533078	-1.8759	0.708235	0.88676	-1.1277	0.00578839	0.314825	-3.17637
cg18374914	HAVCR2	0.0161222	0.019652	0.161088	-6.2078	0.114863	0.329327	-3.0365	0.0775766	0.280602	-3.56377	0.295982	0.495587	-2.01781	0.00601771	0.0977889	-10.2261
cg00718681	HAX1;HAX1	0.00242008	0.446883	1.10374	1.10374	0.000153674	0.437776	-2.28427	0.00448071	0.617229	-1.62014	0.544583	1.08121	1.08121	0.00741541	0.644585	-1.55139
cg04503542	HAX1;HAX1	0.00320286	0.835697	1.06609	1.06609	0.000591949	0.195009	-5.12798	0.00284851	0.282113	-3.54468	0.00617495	0.332694	-3.00577	0.00671071	0.338466	-2.9545
cg12177922	HAX1;HAX1	0.00397816	0.0255587	0.419524	-2.38365	0.0293726	0.43165	-2.31669	0.00525414	0.299646	-3.33728	0.391489	1.33304	1.33304	0.000200868	0.129637	-7.71384
cg11580663	HAX1;HAX1	0.00881638	0.0937945	0.750171	-1.33303	0.00516023	1.7791	1.7791	0.135544	1.28525	1.28525	0.27487	0.837595	-1.19389	0.0197502	0.644569	-1.55142
cg00074379	HAX1;HAX1	0.0223587	0.239424	0.785544	-1.273	0.103219	1.41796	1.41796	0.683204	1.08371	1.08371	0.565735	1.12048	1.12048	0.19775	1.30571	1.30571
cg17572791	HAX1;HAX1;HAX1;HAX1	0.00288563	0.0302403	0.685895	-1.45795	0.0348841	0.695361	-1.4381	0.126653	0.785668	-1.2728	0.0618947	1.36198	1.36198	0.00113731	0.479006	-2.08766
cg08923033	HBA1	0.00605509	0.0423715	0.512776	-1.95017	0.102769	0.6005	-1.66528	0.00534773	0.350579	-2.85242	0.558229	0.844375	-1.18431	0.901008	0.965072	-1.03619
cg01704105	HBA1	0.0434241	0.972531	0.97239	-1.02839	0.0124192	0.0796571	-12.5538	0.0235559	0.11093	-9.01471	0.138647	3.65543	3.65543	0.0456407	0.155141	-6.44576
cg04938149	HBA2	2.59E-05	5.38E-05	0.176488	-5.6661	6.28E-05	0.183196	-5.45864	0.0313132	0.558919	-1.78917	0.00220398	0.372204	-2.6867	1.42E-05	0.124678	-8.02068
cg15597257	HBA2	0.00245416	0.198297	0.601007	-1.66387	0.369384	0.709139	-1.41016	0.754856	0.890154	-1.1234	3.69E-05	0.0369875	-27.0361	0.843226	0.929101	-1.07631
cg14544583	HBB	1.94E-07	2.29E-08	0.0284503	-35.149	0.677477	0.931114	-1.07398	5.78E-07	0.094971	-10.5295	0.101021	0.736042	-1.35862	0.631271	0.920795	-1.08602
cg26461378	HBB	2.63E-06	8.22E-08	0.0445051	-22.4693	0.35812	1.18048	1.18048	0.00121677	0.435476	-2.29634	0.09783	0.726957	-1.3756	0.795059	0.955324	-1.04677
cg18764164	HBB	9.66E-05	1.20E-05	0.0896813	-11.1506	0.38001	0.790888	-1.2644	0.00263254	0.338057	-2.95809	0.0108294	0.434439	-2.30182	0.680439	0.897728	-1.11392
cg06233985	HBB	0.000317431	6.53E-05	0.0930126	-10.7512	0.0471229	0.478992	-2.08772	0.00453997	0.293776	-3.40396	0.0103898	0.35148	-2.84511	0.742773	1.1126	1.1126
cg18160150	HBB	0.00257324	0.00581133	0.352015	-2.84079	0.118451	0.612697	-1.63213	0.0240747	0.459498	-2.17629	0.0324616	0.48501	-2.06181	0.12905	0.622472	-1.6065
cg01832325	HBBP1	5.49E-06	9.50E-07	0.0295193	-33.8761	0.713308	0.904386	-1.10572	0.000611958	0.237546	-4.2097	0.0001116	0.157211	-6.36088	0.000748708	0.248335	-4.02681
cg20785459	HBBP1	3.86E-05	2.69E-06	0.0340741	-29.3478	0.0772737	0.555396	-1.80052	0.000851853	0.222988	-4.48455	0.00124529	0.243596	-4.10517	0.63936	0.868224	-1.15178
cg04161236	HBBP1	0.000913501	0.0019676	0.15255	-6.55525	0.116772	0.480712	-2.08025	0.000330868	0.082812	-12.0755	0.0872978	0.444208	-2.2512	0.0243359	0.315499	-3.16958
cg05133853	HBBP1	0.00317255	0.00122899	0.0598357	-16.7124	0.00922357	0.139592	-7.16371	0.0405631	0.2444	-4.09165	0.0199354	0.187546	-5.33201	0.00522048	0.111303	-8.98449
cg18234280	HBD	9.80E-07	5.29E-08	0.126002	-7.93641	0.00143667	0.601019	-1.66384	8.76E-05	0.459806	-2.17483	0.00270876	0.632748	-1.58041	0.451605	1.08842	1.08842
cg27105634	HBD	5.78E-06	9.12E-07	0.0541613	-18.4634	0.0666649	0.63062	-1.58574	0.000192052	0.244559	-4.08898	0.00155434	0.360594	-2.7732	0.00305983	0.402759	-2.48288
cg20609368	HBD	1.22E-05	1.50E-06	0.0467078	-21.4097	0.619625	0.881802	-1.13404	0.00303867	0.360301	-2.77546	0.189786	0.705311	-1.41781	0.75208	1.08292	1.08292
cg09751515	HBD	0.000133423	1.94E-05	0.0493149	-20.2778	0.852036	1.06697	1.06697	0.0322633	0.418768	-2.38796	0.000433422	0.144906	-6.90103	0.00227657	0.227279	-4.39987
cg08970694	HBE1	5.30E-05	7.84E-06	0.0892161	-11.2087	0.00154356	0.32513	-3.0757	0.000136864	0.196413	-5.09132	0.0138922	0.472467	-2.11655	0.870165	0.960449	-1.04118
cg23659307	HBE1	0.00545345	0.00159605	0.0782681	-12.7766	0.058635	0.300745	-3.32508	0.0136767	0.179929	-5.55775	0.0287937	0.234505	-4.26431	0.617887	0.753613	-1.32694
cg03306956	HBE1;HBE1	0.000182623	5.88E-05	0.0777046	-12.8693	0.0019567	0.222275	-4.49894	0.00118602	0.195355	-5.11889	0.000349904	0.138904	-7.1992	0.00406222	0.265824	-3.76189
cg00521255	HBEGF	0.00345862	0.161624	0.692504	-1.44403	0.000291377	4.27189	4.27189	0.00125561	3.1837	3.1837	0.0957909	1.56792	1.56792	0.520683	0.852098	-1.17357
cg18722504	HBEGF	0.0200368	0.0187147	0.250702	-3.9888	0.013729	0.22777	-4.3904	0.0280333	0.283639	-3.5256	0.0608542	0.358454	-2.78976	0.00359537	0.147456	-6.78167
cg08245420	HBEGF	0.0460207	0.828349	1.07314	1.07314	0.0013218	4.56637	4.56637	0.463825	1.27431	1.27431	0.124744	1.71653	1.71653	0.374714	1.34475	1.34475
cg05940881	HBEGF;HBEGF	0.0201914	0.617304	0.912291	-1.09614	0.375773	0.847355	-1.18014	0.137502	1.33837	1.33837	0.0157022	0.58301	-1.71524	0.512065	1.12881	1.12881
cg01598642	HBG1	8.74E-07	2.11E-05	0.265808	-3.76212	0.0157835	0.633032	-1.5797	5.68E-06	0.205814	-4.85875	0.0374132	0.688409	-1.45262	0.0260651	0.664823	-1.50416
cg18768582	HBG1	0.0110255	0.0013469	0.0646922	-15.4578	0.147271	0.400789	-2.49508	0.022981	0.20209	-4.9483	0.175801	0.428991	-2.33105	0.305131	0.535619	-1.867
cg27009246	HBG2	0.000468771	0.000562026	0.167775	-5.96037	0.139021	0.587691	-1.70158	0.000490853	0.161606	-6.18787	0.00202517	0.233838	-4.27646	0.0176011	0.381311	-2.62253
cg21506790	HBG2	0.00116154	0.000249114	0.0395256	-25.3	0.795662	0.870496	-1.14877	0.0143855	0.19942	-5.01455	0.00449301	0.132083	-7.57099	0.459931	0.668924	-1.49494
cg20896063	HBG2	0.00572537	0.0130683	0.236121	-4.23512	0.26788	0.582107	-1.7179	0.0507971	0.352294	-2.83854	0.00705024	0.195366	-5.1186	0.00846956	0.206831	-4.83487
cg12559170	HBG2	0.0123117	0.00240362	0.0711481	-14.0552	0.536998	0.676565	-1.47805	0.0105824	0.134038	-7.46057	0.0491867	0.245773	-4.0688	0.206661	0.434977	-2.29897
cg08475996	HBII-52-46	0.00532298	0.000720672	0.0607965	-16.4483	0.022791	0.226965	-4.40597	0.183634	0.464079	-2.15481	0.386491	1.62111	1.62111	0.156294	2.28257	2.28257
cg07466193	HBM	0.000294184	0.0775124	1.2148	1.2148	0.203137	0.875279	-1.14249	0.000351611	1.76733	1.76733	0.550284	1.06176	1.06176	0.377742	1.09389	1.09389
cg26976732	HBM	0.000915102	0.899271	0.974374	-1.0263	0.449512	1.17113	1.17113	4.15E-05	4.95682	4.95682	0.0146354	0.539999	-1.85186	0.120228	0.707861	-1.41271
cg21664030	HBM	0.0181228	0.0886452	2.06273	2.06273	0.389638	0.711885	-1.40472	0.0413588	2.47693	2.47693	0.30596	0.664575	-1.50472	0.0213423	0.344243	-2.90492
cg06319822	HBM	0.0326475	0.136542	1.64729	1.64729	0.0608987	1.92976	1.92976	0.665251	1.14507	1.14507	0.474593	0.797494	-1.25393	0.736253	1.11093	1.11093
cg13462082	HBP1	0.00254094	0.547	0.891323	-1.12193	0.000739244	2.63123	2.63123	0.317945	1.21514	1.21514	0.725482	1.06881	1.06881	0.692041	0.927604	-1.07805
cg23293999	HBP1	0.00325286	0.516501	1.15608	1.15608	0.170454	0.72479	-1.37971	0.113362	0.683936	-1.46213	0.0792557	0.650774	-1.53663	0.000166052	0.243034	-4.11466
cg03820282	HBP1	0.00432653	0.496907	1.06581	1.06581	0.79613	0.976362	-1.02421	0.000107732	1.87927	1.87927	0.452176	1.07333	1.07333	0.0941979	1.18532	1.18532
cg02873168	HBP1	0.00482382	0.0255865	0.691067	-1.44704	0.0466801	1.37345	1.37345	0.132974	1.25337	1.25337	0.39556	1.12887	1.12887	0.218785	1.19745	1.19745
cg08208812	HBP1	0.00968696	0.00129109	1.57767	1.57767	0.0466675	1.24792	1.24792	0.00166695	1.54843	1.54843	0.453572	1.07706	1.07706	0.0183373	1.32089	1.32089
cg19196806	HBP1	0.00987305	0.123547	0.578175	-1.72958	0.0165058	2.61708	2.61708	0.103364	0.55705	-1.79517	0.500426	1.25187	1.25187	0.686762	1.14242	1.14242
cg14799209	HBP1;HBP1	0.0313629	0.0229313	2.67016	2.67016	0.116823	1.84957	1.84957	0.0874121	1.976	1.976	0.718165	1.13976	1.13976	0.39059	1.37371	1.37371
cg17714030	HBQ1	0.000108152	0.0426714	1.63116	1.63116	0.0225723	1.77297	1.77297	0.382191	1.20674	1.20674	0.820066	1.04893	1.04893	0.316423	1.24256	1.24256
cg00655203	HBQ1	0.00347232	0.634033	0.921722	-1.08493	0.00925513	1.75304	1.75304	0.0600992	1.43398	1.43398	0.373168	0.856088	-1.1681	0.162225	0.775986	-1.28868
cg07703401	HBQ1;HBQ1	0.0116724	0.244592	0.650509	-1.53726	0.223976	0.636812	-1.57032	0.055547	0.464653	-2.15214	0.711369	0.876963	-1.1403	0.693604	1.15013	1.15013
cg20838203	HBS1L;HBS1L	0.00417687	0.0634483	1.61258	1.61258	0.022902	1.86487	1.86487	0.958054	1.01212	1.01212	0.925279	1.02171	1.02171	0.0408968	1.71651	1.71651
cg21035511	HBS1L;HBS1L	0.0138349	0.0407868	0.34895	-2.86574	0.0177642	0.276636	-3.61486	0.00926536	0.229432	-4.35858	0.138849	0.491508	-2.03456	0.00393143	0.177308	-5.6399
cg08342770	HBS1L;HBS1L;HBS1L	0.00016153	0.686939	0.925638	-1.08034	0.00612403	0.50547	-1.97836	0.0682361	0.677447	-1.47613	0.00181591	2.32933	2.32933	0.0017914	0.428486	-2.3338
cg17572221	HBS1L;HBS1L;HBS1L	0.00539222	0.925074	0.982986	-1.01731	0.278581	1.22818	1.22818	0.310636	1.21093	1.21093	0.325578	0.830952	-1.20344	0.961543	1.00884	1.00884
cg06032329	HBS1L;HBS1L;HBS1L	0.01257	0.169008	1.16537	1.16537	0.409834	0.915736	-1.09202	0.534572	0.936425	-1.06789	0.0612779	0.802337	-1.24636	0.00481872	1.47784	1.47784
cg24558204	HBS1L;HBS1L;HBS1L	0.0483747	0.111524	0.80623	-1.24034	0.356711	0.888881	-1.12501	0.167583	1.20055	1.20055	0.0563606	1.30799	1.30799	0.574194	1.0731	1.0731
cg17164863	HBXIP	1.86E-05	2.36E-05	0.27806	-3.59635	0.0468254	0.708124	-1.41218	0.000236797	0.397044	-2.51861	0.00148059	0.498854	-2.00459	6.96E-07	0.129683	-7.71108
cg00410422	HBXIP	0.000788157	0.00189455	0.35178	-2.84269	0.0210837	0.517701	-1.93162	0.00271676	0.374307	-2.6716	0.0436891	0.576762	-1.73382	0.000484192	0.272937	-3.66385
cg04161784	HBXIP	0.00807536	0.0033587	0.100856	-9.91511	0.0894819	0.340812	-2.93417	0.124903	0.384803	-2.59873	0.0254971	0.217372	-4.60042	0.00225327	0.0856072	-11.6813
cg25032124	HBXIP	0.008403	0.511091	0.854631	-1.1701	0.000869254	0.308058	-3.24615	0.00595571	0.428497	-2.33374	0.316928	1.27612	1.27612	0.296831	0.774983	-1.29035
cg10322499	HBXIP	0.00898429	0.0279065	0.582806	-1.71584	0.684024	0.918483	-1.08875	0.00179808	0.397387	-2.51644	0.0318864	0.592977	-1.68641	0.129476	0.711469	-1.40554
cg09368875	HBXIP	0.0101414	0.00263627	0.367916	-2.71801	0.734375	1.08526	1.08526	0.139787	0.682698	-1.46478	0.391867	0.809981	-1.2346	0.00639875	0.426439	-2.345
cg15197342	HBXIP	0.027374	0.878235	0.9699	-1.03103	0.000511565	0.33907	-2.94924	0.80518	1.0505	1.0505	0.364128	1.20431	1.20431	0.87412	1.03211	1.03211
cg07263153	HBZ	1.41E-06	0.0519787	0.84467	-1.18389	0.0182023	0.803405	-1.2447	2.19E-06	0.41251	-2.42419	4.86E-05	0.558032	-1.79201	5.69E-07	0.347995	-2.87361
cg10164238	HBZ	0.000390742	0.839099	0.946417	-1.05662	0.264999	0.730022	-1.36982	0.0381785	0.521613	-1.91713	0.247481	0.720694	-1.38755	3.03E-05	0.109826	-9.10535
cg01839639	HBZ	0.0100131	0.111997	0.55892	-1.78917	0.00483437	0.284674	-3.51279	0.0130432	0.355115	-2.81599	0.196181	0.631646	-1.58317	0.00178667	0.224398	-4.45636
cg08957279	HBZ	0.0103416	0.469653	0.730503	-1.36892	0.000994321	0.123961	-8.06705	0.029097	0.333565	-2.99791	0.753776	1.14377	1.14377	0.025065	0.320531	-3.11982
cg08400316	HBZ	0.0285031	0.130202	0.750799	-1.33191	0.0377341	1.52589	1.52589	0.382672	0.854718	-1.16998	0.0361192	0.652236	-1.53319	0.282658	1.21623	1.21623
cg21960110	HBZ	0.0491365	0.75951	1.13135	1.13135	0.610736	0.813564	-1.22916	0.0400605	0.38533	-2.59518	0.242385	0.611552	-1.63518	0.0100997	0.2713	-3.68595
cg25425005	HBZ;HBZ	0.0246904	0.217297	0.654122	-1.52877	0.0442234	0.469634	-2.12932	0.00247852	0.252707	-3.95715	0.295158	1.42621	1.42621	0.0103417	0.347739	-2.87572
cg11271329	HCCA2	2.32E-05	0.934668	0.990819	-1.00927	0.210606	1.15999	1.15999	0.126547	0.830322	-1.20435	0.00266885	0.626716	-1.59562	1.72E-06	0.259978	-3.84648
cg11872086	HCCA2	4.88E-05	0.0207454	0.678275	-1.47433	0.69523	1.05643	1.05643	0.00986303	0.634639	-1.5757	0.00170814	0.535547	-1.86725	1.19E-06	0.173536	-5.76248
cg25590114	HCCA2	9.27E-05	0.00175002	0.149948	-6.66896	0.378429	0.680863	-1.46872	0.000316308	0.0835857	-11.9638	0.0477085	0.381704	-2.61983	1.16E-05	0.0191558	-52.2034
cg04445531	HCCA2	9.46E-05	0.00128561	0.791542	-1.26336	0.0047317	1.20554	1.20554	0.000105835	0.711047	-1.40638	0.209427	0.93622	-1.06813	0.774286	1.01443	1.01443
cg01607530	HCCA2	9.90E-05	0.553639	1.09673	1.09673	0.368082	1.15312	1.15312	5.31E-06	0.203912	-4.90408	0.392696	1.14446	1.14446	0.0574451	0.718102	-1.39256
cg08437403	HCCA2	0.000138873	0.065218	0.773455	-1.2929	0.0362585	1.35278	1.35278	6.69E-06	0.288893	-3.46149	0.540356	0.925958	-1.07996	0.00272728	0.598384	-1.67117
cg19261050	HCCA2	0.000170046	0.00457795	0.632658	-1.58063	0.611468	0.939762	-1.0641	9.89E-06	0.316124	-3.16331	0.00756621	0.659229	-1.51692	0.000165029	0.458978	-2.17875
cg09652964	HCCA2	0.000178536	0.159877	0.729281	-1.37121	0.705412	1.08311	1.08311	6.15E-05	0.211395	-4.73048	0.00830991	0.492028	-2.03241	0.00117179	0.36737	-2.72205
cg20299572	HCCA2	0.00022283	0.0230805	0.493342	-2.02699	0.714079	1.10042	1.10042	0.000310796	0.218434	-4.57803	0.153428	0.672002	-1.48809	3.40E-05	0.124043	-8.06172
cg07118491	HCCA2	0.00034195	0.0752553	0.815047	-1.22692	0.263305	1.12796	1.12796	8.15E-06	0.365616	-2.73511	0.0282251	0.765281	-1.30671	0.139105	0.848423	-1.17866
cg03404452	HCCA2	0.000724733	0.00112868	0.576594	-1.73432	0.642721	0.94774	-1.05514	0.00760976	0.674142	-1.48337	0.63066	0.945861	-1.05724	0.00121528	0.580369	-1.72304
cg07715909	HCCA2	0.000763751	0.0929932	0.742418	-1.34695	0.0965753	1.3418	1.3418	0.00432312	0.540783	-1.84917	0.784054	1.04526	1.04526	3.43E-05	0.274745	-3.63974
cg23707478	HCCA2	0.00117317	0.0911158	0.783471	-1.27637	0.139272	0.811675	-1.23202	0.000140304	0.422308	-2.36794	0.778799	0.963749	-1.03762	0.000887688	0.520499	-1.92123
cg04119303	HCCA2	0.0013401	0.136213	0.61988	-1.61321	0.00105806	0.236371	-4.23063	0.00175672	0.265044	-3.77296	0.210368	0.674926	-1.48164	0.0102995	0.38176	-2.61945
cg13728763	HCCA2	0.00138017	0.254786	0.807944	-1.23771	0.944017	1.01268	1.01268	0.730153	0.939786	-1.06407	0.106798	1.37137	1.37137	4.44E-05	0.249692	-4.00493
cg00367424	HCCA2	0.00180342	0.00754741	0.510589	-1.95852	0.475306	1.15253	1.15253	0.00440127	0.475448	-2.10328	0.955442	0.989133	-1.01099	0.000968468	0.382743	-2.61272
cg10702283	HCCA2	0.00182654	0.177051	0.773945	-1.29208	0.0977646	1.38326	1.38326	0.000132814	0.306234	-3.26548	0.109114	1.36621	1.36621	0.0111341	1.76533	1.76533
cg04790169	HCCA2	0.00222753	0.0271449	0.403948	-2.47557	0.047901	0.456619	-2.19001	0.00267841	0.237245	-4.21505	0.697634	0.873435	-1.1449	0.000369195	0.138626	-7.21364
cg05321252	HCCA2	0.00228273	0.0327829	0.657282	-1.52142	0.00506997	0.536566	-1.8637	0.496707	0.890517	-1.12294	0.0794939	0.72104	-1.38688	0.000266474	0.36578	-2.73388
cg01289206	HCCA2	0.00234925	4.42E-05	0.208029	-4.80702	0.970425	0.992509	-1.00755	0.855306	0.963653	-1.03772	0.167366	0.741911	-1.34787	0.416575	0.845012	-1.18341
cg08615818	HCCA2	0.00251433	0.658709	0.916542	-1.09106	0.184072	0.758617	-1.31819	0.024678	0.591885	-1.68952	0.807475	1.04903	1.04903	6.28E-05	0.235751	-4.24177
cg10052164	HCCA2	0.00286664	0.00443193	0.173207	-5.77345	0.332906	0.630542	-1.58594	0.00640903	0.194463	-5.14236	0.18163	0.519606	-1.92453	0.000566285	0.0849003	-11.7785
cg09529821	HCCA2	0.00287911	0.88766	1.03549	1.03549	9.87E-05	0.181665	-5.50463	0.855363	0.955984	-1.04604	0.408148	1.2321	1.2321	0.000964182	0.297466	-3.36173
cg14909325	HCCA2	0.0030605	0.00657073	0.531249	-1.88236	0.0619155	0.686116	-1.45748	0.0190598	0.60139	-1.66282	0.741781	0.942471	-1.06104	0.000166598	0.316938	-3.15519
cg20750853	HCCA2	0.00311128	0.111237	1.30262	1.30262	0.0223713	0.659007	-1.51743	0.00196078	0.513269	-1.94829	0.209409	1.22336	1.22336	0.00114006	0.482346	-2.0732
cg09467675	HCCA2	0.00321394	0.673711	0.845055	-1.18336	0.0779063	2.17886	2.17886	4.48E-05	0.0463331	-21.5828	0.514014	0.768675	-1.30094	0.22478	0.602372	-1.6601
cg22387756	HCCA2	0.00334012	0.491643	1.12756	1.12756	0.000348763	0.372212	-2.68664	0.0149957	0.598109	-1.67194	0.411714	1.15519	1.15519	0.000917324	0.4268	-2.34302
cg15514654	HCCA2	0.00381497	0.665316	0.902906	-1.10753	0.471032	1.18776	1.18776	0.000460386	0.274199	-3.64699	0.850341	1.04532	1.04532	0.429138	0.827443	-1.20854
cg19466774	HCCA2	0.00388615	0.45561	0.783182	-1.27684	0.00755671	0.331132	-3.01994	0.00436049	0.293806	-3.40361	0.0122607	0.366649	-2.7274	0.0041531	0.290643	-3.44065
cg01467630	HCCA2	0.00419326	0.0360309	1.27449	1.27449	0.317782	0.902391	-1.10817	0.697789	0.961933	-1.03957	0.284043	0.895215	-1.11705	0.1361	0.852365	-1.17321
cg13376953	HCCA2	0.00497058	0.9891	0.995153	-1.00487	0.346634	0.708441	-1.41155	0.00853468	0.303118	-3.29905	0.439749	1.32346	1.32346	0.000574493	0.150232	-6.65636
cg26369594	HCCA2	0.00623636	0.0116781	0.207193	-4.82643	0.015763	0.228136	-4.38336	0.0203766	0.247482	-4.04071	0.0787915	0.377172	-2.65131	0.00191735	0.111412	-8.97569
cg25376032	HCCA2	0.0064443	0.0983431	0.535006	-1.86914	0.0944884	0.530376	-1.88545	0.0395649	0.439861	-2.27344	0.441287	1.31117	1.31117	0.000141835	0.103876	-9.62684
cg21560819	HCCA2	0.00711379	0.737076	1.06616	1.06616	0.000304331	0.327645	-3.05208	0.340042	1.20558	1.20558	0.540882	1.12491	1.12491	0.249944	0.79564	-1.25685
cg13250203	HCCA2	0.00884501	0.275737	0.733522	-1.36329	0.691839	0.896833	-1.11503	0.00220248	0.309423	-3.23182	0.150878	0.65655	-1.52311	0.0184992	0.458045	-2.18319
cg19432283	HCCA2	0.00948501	0.0226948	0.554874	-1.80221	0.0420826	0.603047	-1.65824	0.0118444	0.507367	-1.97096	0.0553567	0.62563	-1.59839	0.00117781	0.357795	-2.7949
cg10290988	HCCA2	0.00997146	0.0101989	0.2709	-3.69139	0.0435437	0.392299	-2.54907	0.00689613	0.244115	-4.09643	0.0324589	0.364436	-2.74396	0.00168802	0.163773	-6.106
cg17139436	HCCA2	0.00999252	0.232803	2.19636	2.19636	0.583112	1.41704	1.41704	0.0733751	0.284927	-3.50967	0.0330169	0.20851	-4.79593	0.00146765	0.0556921	-17.9559
cg27373015	HCCA2	0.010301	0.0576676	0.421762	-2.37101	0.00114435	0.146132	-6.84312	0.0397413	0.384307	-2.60209	0.102798	0.487775	-2.05013	0.0118198	0.28243	-3.5407
cg02356640	HCCA2	0.0124176	0.0329033	0.576345	-1.73507	0.350026	1.2367	1.2367	0.504326	1.16141	1.16141	0.313642	1.25879	1.25879	0.00165372	0.369931	-2.70321
cg00590330	HCCA2	0.0138197	0.0585493	0.657629	-1.52062	0.0483369	1.55653	1.55653	0.0766388	1.47142	1.47142	0.122401	0.720133	-1.38863	0.0631584	0.663734	-1.50663
cg07050626	HCCA2	0.0152507	0.0545594	1.37266	1.37266	0.030416	1.44704	1.44704	0.368595	1.14354	1.14354	0.0856432	1.31775	1.31775	0.769994	1.0435	1.0435
cg19547124	HCCA2	0.0158077	0.0391231	0.46427	-2.15392	0.0543858	0.49582	-2.01686	0.00240631	0.25698	-3.89135	0.860734	0.945126	-1.05806	0.345678	0.731888	-1.36633
cg10517990	HCCA2	0.0158158	0.0221573	0.429813	-2.32659	0.649068	1.15148	1.15148	0.116833	0.591832	-1.68967	0.520303	1.22217	1.22217	0.0033924	0.293375	-3.40861
cg11902093	HCCA2	0.0163303	0.0298712	0.261721	-3.82087	0.32334	1.70759	1.70759	0.109745	0.400692	-2.49568	0.528295	0.715241	-1.39813	0.00461681	0.138465	-7.22204
cg08261871	HCCA2	0.0183802	0.0428976	0.619472	-1.61428	0.0158257	0.544713	-1.83583	0.00343058	0.441761	-2.26367	0.117788	0.705338	-1.41776	0.00723941	0.490595	-2.03834
cg05096964	HCCA2	0.0187309	0.473422	1.07107	1.07107	0.412852	0.924193	-1.08203	0.0262385	0.780151	-1.2818	0.0732048	0.828505	-1.20699	0.00935322	1.36391	1.36391
cg03864089	HCCA2	0.0198847	0.134693	0.758823	-1.31783	0.100847	1.36005	1.36005	0.643891	1.08292	1.08292	0.308313	0.834897	-1.19775	0.761068	1.05358	1.05358
cg02952849	HCCA2	0.0203333	0.86348	0.942098	-1.06146	0.870778	0.94514	-1.05804	0.216639	0.63726	-1.56922	0.664221	1.16343	1.16343	0.00100677	0.18422	-5.4283
cg06373674	HCCA2	0.0221416	0.345879	1.32734	1.32734	0.318092	1.35125	1.35125	0.0413412	0.503365	-1.98663	0.384451	1.2971	1.2971	0.0889413	0.578521	-1.72854
cg07635249	HCCA2	0.0233337	0.999409	1.00032	1.00032	0.695336	1.18353	1.18353	0.0167611	0.286534	-3.48999	0.0786971	0.433419	-2.30723	0.000989236	0.122999	-8.13016
cg00446697	HCCA2	0.0234473	0.018341	0.311164	-3.21374	0.00557877	0.226558	-4.41388	0.2293	0.59777	-1.67288	0.167033	0.548342	-1.82368	0.0216606	0.3248	-3.07882

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13860981	0.700747	1.05992	1.05992	0.464884	0.893965	-1.11861	0.03214	1.45968	1.45968	0.150895	0.792962	-1.26109	3.63811	1.30851	0.319706	1
cg04013810	0.0798399	1.54765	1.54765	0.97241	1.0078	1.0078	0.0192906	1.88875	1.88875	0.185078	1.37135	1.37135	10.6128	8.4857	0.710732	1
cg03534718	0.286896	1.34567	1.34567	0.717978	1.10227	1.10227	0.0623615	1.7563	1.7563	0.716069	1.10304	1.10304	6.09568	6.95859	1.01472	1
cg11139821	0.0841772	1.7951	1.7951	0.282016	1.40824	1.40824	0.100556	1.73469	1.73469	0.215985	1.48993	1.48993	4.68062	6.95096	1.32005	1
cg19636887	0.0105154	0.117984	-8.47574	0.0148746	0.136882	-7.30554	0.15051	0.359505	-2.7816	0.0804078	0.27598	-3.62345	3.99918	27.9133	6.20423	1
cg22081355	0.0304149	0.676621	-1.47793	0.000130106	0.36045	-2.77431	0.0231171	1.51745	1.51745	0.00405802	1.80831	1.80831	13.8256	5.16219	0.331892	1
cg26432088	0.295421	0.802934	-1.24543	0.00164794	0.401971	-2.48774	5.72E-05	0.220766	-4.52969	0.000169492	0.274207	-3.64688	27.0815	17.5501	0.576043	1
cg24526056	0.498609	1.15439	1.15439	0.0446556	1.61899	1.61899	0.00197678	0.401106	-2.49311	6.84E-05	0.218235	-4.58221	12.2417	8.46919	0.614959	1
cg01485975	0.000272364	0.235037	-4.25465	0.00338301	0.380137	-2.63063	0.00253903	0.361779	-2.76412	0.000243529	0.229422	-4.35877	11.8007	11.0095	0.82929	1
cg25988204	0.285285	1.30766	1.30766	0.957957	0.987339	-1.01282	0.697574	0.909934	-1.09898	0.000265445	0.23516	-4.25243	11.7493	10.8703	0.822393	1
cg01923482	0.329618	0.844535	-1.18408	0.0350134	1.51067	1.51067	0.0391355	0.669698	-1.49321	0.0127575	0.594723	-1.68146	6.10118	2.72556	0.39709	1
cg01551315	0.617929	1.12697	1.12697	0.0318564	0.549952	-1.81834	0.00246692	0.367612	-2.72026	0.20906	0.729967	-1.36993	5.59957	5.0113	0.795506	1
cg11188031	0.0194019	0.307942	-3.24736	0.0159326	0.292296	-3.42118	0.0318835	0.350662	-2.85175	0.00564223	0.2201	-4.5434	5.16135	14.1944	2.44456	1
cg12943317	0.241862	0.601035	-1.6638	0.238135	1.67119	1.67119	0.0620563	0.417648	-2.39436	0.00148843	0.148948	-6.71376	4.49215	12.2885	2.43161	1
cg07320595	0.804783	0.932472	-1.07242	0.756976	1.09159	1.09159	0.000427363	0.20714	-4.82765	0.00384905	0.33299	-3.00309	6.78673	8.56771	1.12215	1
cg19110684	0.0408284	0.560158	-1.78521	0.185438	1.41155	1.41155	0.0407813	0.560059	-1.78553	0.0106817	0.454861	-2.19847	7.08759	6.76388	0.848291	1
cg19646897	0.12102	1.54181	1.54181	0.232968	1.37997	1.37997	0.36963	1.26778	1.26778	0.0272879	0.510367	-1.95938	6.55056	6.87968	0.933549	1
cg19063654	0.931695	1.02779	1.02779	0.000517331	0.177013	-5.6493	0.0411732	0.470909	-2.12355	0.0122806	0.36897	-2.71025	6.13599	9.93205	1.4388	1
cg18374914	0.0565042	0.246921	-4.04987	0.00295821	0.071148	-14.0552	0.00806333	0.11098	-9.01061	0.0204457	0.16372	-6.108	5.05817	33.6183	5.90785	1
cg00718681	0.552431	1.07953	1.07953	0.0949378	0.791644	-1.26319	0.17854	1.19959	1.19959	0.0334641	0.728808	-1.3721	9.11876	2.34113	0.228211	1
cg04503542	0.00220526	0.266547	-3.75169	0.213923	0.66816	-1.49665	0.133932	0.607703	-1.64554	0.00932231	0.361948	-2.76283	8.39322	12.6213	1.33667	1
cg12177922	0.188113	0.633407	-1.57876	0.72713	1.12154	1.12154	0.0659946	0.508997	-1.96465	0.0111879	0.353144	-2.8317	7.86546	13.354	1.50916	1
cg11580663	0.285491	0.841097	-1.18892	0.0294657	0.670338	-1.49179	0.0527145	1.40993	1.40993	0.0444284	1.43348	1.43348	6.15246	2.37118	0.342581	1
cg00074379	0.299175	0.809912	-1.2347	0.0981435	1.42683	1.42683	0.00120259	0.394776	-2.53308	0.501225	1.14311	1.14311	4.52872	2.75352	0.540457	1
cg17572791	0.000570444	0.436924	-2.28872	0.00427776	0.561006	-1.78251	0.0416311	0.707184	-1.41406	0.402388	1.13206	1.13206	10.2098	3.29286	0.250849	1
cg08923033	0.210037	1.45848	1.45848	0.000214873	0.171157	-5.84259	0.0743619	0.566653	-1.76475	0.207878	0.684284	-1.46138	6.9196	8.94502	1.14907	1
cg01704105	0.53115	0.597014	-1.675	0.0247216	0.1137	-8.79511	0.17447	0.308963	-3.23663	0.25074	0.376877	-2.65339	3.57278	37.4115	9.3078	1
cg04938149	0.0655061	0.621217	-1.60974	3.97E-06	0.0846257	-11.8167	0.000240047	0.246621	-4.05481	0.000151888	0.223867	-4.46694	31.6707	26.6035	0.74667	1
cg15597257	0.0549486	0.438547	-2.28026	0.00909105	0.278226	-3.5942	0.0458717	0.419678	-2.38278	0.0905889	0.495149	-2.01959	10.762	23.0058	1.66264	1
cg14544583	0.0178029	0.611623	-1.635	0.000605006	2.46516	2.46516	1.84E-07	0.0652764	-15.3195	1.61E-06	0.127372	-7.85101	111.222	51.2949	0.40995	1
cg26461378	0.703563	0.935078	-1.06943	0.00492563	1.92325	1.92325	8.32E-05	0.288288	-3.46876	4.70E-06	0.15858	-6.30596	57.2429	27.9495	0.434011	1
cg18764164	0.00631881	0.395975	-2.52541	0.181841	1.44656	1.44656	7.76E-05	0.155078	-6.44838	5.22E-05	0.139405	-7.17335	22.3468	24.0193	0.955418	1
cg06233985	0.0681715	0.515966	-1.93811	0.941149	1.02421	1.02421	5.15E-05	0.0858602	-11.6468	0.000335108	0.153484	-6.51533	16.1976	26.9291	1.47781	1
cg18160150	0.00862033	0.379812	-2.63288	0.657537	1.13763	1.13763	0.000499649	0.207264	-4.82477	0.000341913	0.188849	-5.29524	8.95555	11.8478	1.17596	1
cg01832325	2.92E-05	0.107261	-9.32303	1.86E-05	0.0930876	-10.7426	1.67E-06	0.0379332	-26.3622	7.35E-05	0.140403	-7.12237	47.3764	55.6506	1.04413	1
cg20785459	0.0762005	0.553945	-1.80523	0.884338	1.04455	1.04455	1.49E-05	0.0679255	-14.722	0.000100406	0.126823	-7.88499	28.5036	40.4668	1.26196	1
cg04161236	0.04	0.360489	-2.77401	0.00345296	0.181444	-5.51134	8.43E-05	0.0478665	-20.8914	0.00194316	0.151949	-6.58117	12.0718	35.3252	2.60112	1
cg05133853	0.120671	0.366868	-2.72578	0.00220487	0.0775773	-12.8904	0.000904182	0.051922	-19.2597	0.00658897	0.122229	-8.18134	8.41702	47.3146	4.99672	1
cg18234280	0.380674	1.10445	1.10445	0.631161	0.947962	-1.05489	2.12E-06	0.276151	-3.62121	8.58E-07	0.235008	-4.25517	73.7182	14.2505	0.171832	1
cg27105634	0.000858838	0.325511	-3.07209	1.46E-05	0.132557	-7.54391	1.04E-06	0.05696	-17.5562	2.15E-05	0.147136	-6.79644	46.7529	37.2254	0.707747	1
cg20609368	0.306656	0.766408	-1.30479	0.00470269	2.57105	2.57105	1.16E-05	0.0965681	-10.3554	1.10E-05	0.0951827	-10.5061	38.5286	38.5593	0.889598	1
cg09751515	0.0386276	0.435381	-2.29684	0.000103324	0.0921353	-10.8536	0.000649309	0.162759	-6.14406	0.000153569	0.105138	-9.51135	20.4929	39.113	1.69654	1
cg08970694	0.00965263	0.445756	-2.24338	0.0154166	0.480301	-2.08203	8.72E-06	0.0923206	-10.8318	0.000310663	0.236159	-4.23444	26.2159	25.2678	0.856743	1
cg23659307	0.327947	0.566674	-1.76468	0.274423	1.8958	1.8958	0.000670477	0.0535608	-18.6704	0.0245838	0.221805	-4.50847	7.14617	35.8065	4.45385	1
cg03306956	0.0105513	0.331212	-3.01922	0.000308077	0.133728	-7.47784	9.42E-05	0.0915677	-10.9209	0.000356527	0.139678	-7.15935	18.8291	35.1802	1.66079	1
cg00521255	0.031403	1.85997	1.85997	0.293935	0.765195	-1.30686	0.52628	1.171	1.171	0.197245	1.39809	1.39809	8.20294	7.85162	0.850819	1
cg18722504	0.00883163	0.198178	-5.04598	0.0517287	0.341309	-2.92989	0.316179	0.604613	-1.65395	0.0557332	0.349071	-2.86475	4.70163	17.5546	3.31888	1
cg08245420	0.572311	1.20382	1.20382	0.0886988	1.84133	1.84133	0.160872	1.62728	1.62728	0.0301718	2.29049	2.29049	3.496	5.8521	1.48795	1
cg05940881	0.00913109	1.82842	1.82842	0.00828233	0.540555	-1.84995	0.544386	1.11829	1.11829	0.557478	0.897536	-1.11416	4.68936	2.46604	0.467448	1
cg01598642	0.000875233	0.462306	-2.16307	0.00982355	1.65625	1.65625	3.22E-08	0.0456071	-21.9264	1.52E-06	0.152454	-6.55935	75.9015	28.7288	0.336445	1
cg18768582	0.0169061	0.180291	-5.5466	0.0123719	0.160283	-6.23896	0.00272442	0.0877548	-11.3954	0.0446117	0.257768	-3.87946	5.72825	31.3597	4.86629	1
cg27009246	0.145814	0.593767	-1.68416	0.0730484	0.513052	-1.94912	3.93E-05	0.072363	-13.8192	0.000650481	0.174602	-5.72731	14.5483	25.6744	1.56869	1
cg21506790	0.144417	0.432631	-2.31144	0.362833	1.64843	1.64843	0.000188365	0.0345208	-28.968	0.00304423	0.114231	-8.75419	11.2761	51.0057	4.02076	1
cg20896063	0.076151	0.396462	-2.52231	0.000780066	0.092301	-10.8341	0.0137421	0.239727	-4.17142	0.00245531	0.138714	-7.20907	7.0401	24.5091	3.09453	1
cg12559170	0.58049	0.705458	-1.41752	0.965869	1.02711	1.02711	0.00150639	0.0573794	-17.4278	0.0385451	0.223578	-4.47272	5.52727	34.1985	5.49976	1
cg08475996	0.75129	1.18891	1.18891	0.0720605	2.98216	2.98216	0.598257	0.74874	-1.33558	0.00333177	0.113656	-8.79851	7.19944	33.7692	4.16936	1
cg07466193	0.537444	1.06388	1.06388	3.64E-05	0.454469	-2.20037	0.293117	0.897498	-1.11421	0.00115986	0.623049	-1.60501	16.5385	2.57549	0.138424	1
cg26976732	0.217092	0.766276	-1.30501	0.00836443	0.50123	-1.99509	0.0434114	1.60986	1.60986	0.928666	0.981813	-1.01852	12.0658	8.02993	0.591564	1
cg21664030	0.0325236	2.62389	2.62389	0.0763033	2.13874	2.13874	0.0121883	3.33388	3.33388	0.417561	0.726617	-1.37624	4.86399	11.4477	2.09205	1
cg06319822	0.00776244	0.345116	-2.89758	0.999866	0.999948	-1.00005	0.00822762	2.86306	2.86306	0.76432	1.09808	1.09808	3.96531	6.08143	1.36325	1
cg13462082	0.0179772	0.581186	-1.72062	0.128644	0.733444	-1.36343	0.00038704	2.91111	2.91111	0.634148	1.09472	1.09472	8.98895	5.07295	0.501648	1
cg23293999	0.00349883	0.417496	-2.39523	0.582955	1.13006	1.13006	0.515557	1.15647	1.15647	0.00560691	0.448491	-2.2297	8.35456	6.43281	0.684422	1
cg03820282	0.886902	1.01324	1.01324	0.0113592	0.746152	-1.34021	0.813182	1.02211	1.02211	0.832146	1.0198	1.0198	7.66855	1.03686	0.120186	1
cg02873168	0.400397	1.12741	1.12741	0.000990728	0.505731	-1.97734	0.190622	0.824417	-1.21298	0.00624535	1.643	1.643	7.41931	2.28072	0.273248	1
cg08208812	0.809218	1.0238	1.0238	0.343191	0.909421	-1.0996	0.259374	1.12121	1.12121	0.0766585	1.21102	1.21102	5.97098	0.894025	0.133092	1
cg19196806	0.132431	0.586684	-1.7045	0.0961186	0.548723	-1.82241	0.00108138	4.8787	4.8787	0.281569	1.4442	1.4442	5.93481	10.1395	1.51865	1
cg14799209	0.0882364	1.9718	1.9718	0.0215402	2.70841	2.70841	0.00656727	3.57572	3.57572	0.00591249	3.66804	3.66804	4.02269	8.2996	1.83395	1
cg17714030	0.000236707	0.278814	-3.58662	7.59E-06	0.127075	-7.86938	0.211404	1.31794	1.31794	0.00116723	0.36808	-2.7168	21.681	15.0971	0.618961	1
cg00655203	0.0536052	1.4514	1.4514	0.000513369	0.397865	-2.51342	0.0325653	1.52986	1.52986	0.103129	0.738583	-1.35394	8.19325	3.74845	0.40667	1
cg07703401	0.422765	0.748826	-1.33542	0.0139578	0.342117	-2.92297	0.000829171	5.91867	5.91867	0.840633	1.07371	1.07371	5.62372	11.1145	1.75677	1
cg20838203	?	?	?	0.263061	1.30623	1.30623	0.120102	1.47116	1.47116	0.000345408	0.267568	-3.73736	7.91923	5.84403	0.737954	1
cg21035511	0.0469544	0.362825	-2.75615	0.00370847	0.174124	-5.74304	0.71195	1.1798	1.1798	0.07865	0.418637	-2.38871	5.32058	16.7484	2.7981	1
cg08342770	0.0535337	0.658229	-1.51923	0.000458047	0.349092	-2.86457	0.0308624	1.62177	1.62177	7.95E-05	3.89509	3.89509	19.4642	11.214	0.51212	1
cg17572221	0.14436	0.751209	-1.33119	0.00375381	0.489803	-2.04164	0.477788	1.14073	1.14073	0.000346883	2.85723	2.85723	7.17097	3.77999	0.468555	1
cg06032329	0.171639	1.16414	1.16414	0.00318023	0.656559	-1.52309	0.765889	1.03168	1.03168	0.218566	1.14471	1.14471	5.49005	0.948366	0.153549	1
cg24558204	0.125193	0.813644	-1.22904	0.241755	0.858768	-1.16446	0.0433254	1.33481	1.33481	0.0349483	1.35715	1.35715	3.43087	0.839029	0.217381	1
cg17164863	0.244203	0.831296	-1.20294	0.000210718	0.390748	-2.5592	0.000458484	0.433139	-2.30873	0.000211455	0.390935	-2.55797	34.5243	12.5757	0.323785	1
cg00410422	0.00508697	0.415285	-2.40799	0.000276165	0.243409	-4.10831	0.000304777	0.248469	-4.02465	0.00395499	0.398563	-2.50902	12.5848	11.2263	0.792938	1
cg04161784	0.0105784	0.157448	-6.35132	0.00743842	0.137819	-7.2559	0.0194568	0.197105	-5.07344	0.00686381	0.133638	-7.48288	6.32545	33.1133	4.65327	1
cg25032124	0.0369133	0.564861	-1.77035	0.0469015	1.70934	1.70934	0.800559	1.06147	1.06147	0.166573	0.706382	-1.41567	6.24662	5.49496	0.781928	1
cg10322499	0.0814724	0.669444	-1.49378	0.00439339	0.45367	-2.20424	0.00236915	0.414398	-2.41314	0.0214555	0.563158	-1.7757	6.11576	4.18308	0.607985	1
cg09368875	0.966757	1.01006	1.01006	0.00286728	0.373257	-2.67912	0.00746736	0.437138	-2.28761	0.11587	0.663271	-1.50768	5.88412	5.37848	0.812505	1
cg15197342	0.250325	0.787051	-1.27057	0.094954	0.693649	-1.44165	0.886329	0.97189	-1.02892	0.443655	0.855828	-1.16846	4.22123	2.65663	0.559422	1
cg07263153	1.57E-06	0.396544	-2.52179	3.37E-07	0.323223	-3.09384	0.152045	0.889446	-1.1243	0.00012878	0.601604	-1.66222	67.2028	6.20453	0.0820671	1
cg10164238	0.112409	0.62615	-1.59706	2.30E-05	0.10086	-9.9147	0.501511	0.83128	-1.20296	0.136687	0.647714	-1.54389	15.2986	17.7791	1.03301	1
cg01839639	0.0756788	0.51446	-1.94378	0.00214324	0.234711	-4.26056	0.0644999	0.497517	-2.00998	0.070436	0.506772	-1.97327	5.90815	10.5733	1.59077	1
cg08957279	0.112416	0.478174	-2.09129	0.00461562	0.200063	-4.99842	0.0127386	0.26679	-3.74826	0.0570971	0.398941	-2.50664	5.84737	16.8769	2.56554	1
cg08400316	0.342746	0.842485	-1.18696	0.0224193	0.619004	-1.6155	0.0280587	1.57612	1.57612	0.610967	1.09413	1.09413	4.16157	2.0266	0.43287	1
cg21960110	0.184536	0.567972	-1.76065	0.00447421	0.217924	-4.58876	0.201813	0.581748	-1.71896	0.133017	0.521293	-1.91831	3.41062	8.72611	2.27423	1
cg25425005	0.215201	0.652722	-1.53205	0.0393285	0.458575	-2.18067	0.0906275	0.543549	-1.83976	0.17639	0.625006	-1.59998	4.37614	7.41124	1.50538	1
cg11271329	0.000397124	0.530272	-1.88582	0.000132116	0.47425	-2.10859	0.00338708	1.56557	1.56557	0.00372012	1.55404	1.55404	32.568	6.52853	0.178185	1
cg11872086	0.00995713	1.57434	1.57434	0.0759738	1.31698	1.31698	0.00179539	0.538313	-1.85766	0.967549	0.994344	-1.00569	26.7903	8.24845	0.273679	1
cg25590114	0.00110725	0.129406	-7.72762	4.27E-05	0.0365806	-27.3369	0.000267372	0.0784935	-12.7399	0.00077536	0.114888	-8.70415	22.5931	64.743	2.54721	1
cg04445531	0.0472319	1.11975	1.11975	5.20E-05	1.45796	1.45796	0.000912815	0.78116	-1.28015	0.562428	0.971246	-1.02961	22.4739	0.88335	0.0349383	1
cg01607530	0.00492475	0.563253	-1.7754	7.64E-05	0.331269	-3.0187	0.0120078	0.617025	-1.62068	0.000532009	0.435576	-2.29581	22.201	8.34994	0.334317	1
cg08437403	0.482746	1.09257	1.09257	0.0228932	1.40191	1.40191	0.000322513	0.485773	-2.05857	0.0589186	0.767414	-1.30308	20.2734	4.94532	0.216828	1
cg19261050	0.000267343	0.484056	-2.06588	0.0271904	0.728293	-1.37307	0.000600735	0.526272	-1.90016	0.176231	0.839977	-1.19051	19.196	4.47164	0.207064	1
cg09652964	0.0607604	1.55955	1.55955	8.74E-05	0.227928	-4.38734	0.000182306	0.264358	-3.78276	0.00381423	0.440382	-2.27076	18.9448	13.2595	0.622138	1
cg20299572	0.706847	1.10324	1.10324	4.69E-05	0.135832	-7.36203	0.0288121	0.511504	-1.95502	0.00237689	0.3323	-3.00933	17.8399	19.1065	0.951996	1
cg07118491	0.95348	0.993995	-1.00604	0.00657088	1.43974	1.43974	0.011722	0.722438	-1.3842	0.0806176	0.818675	-1.22149	15.8704	2.67959	0.150082	1
cg03404452	0.0965992	0.81092	-1.23317	7.01E-05	0.434412	-2.30196	0.0184741	1.38863	1.38863	0.152327	0.838483	-1.19263	12.8849	2.69384	0.18584	1
cg07715909	0.705798	1.06303	1.06303	0.000843549	0.445298	-2.24569	0.0873017	0.737686	-1.35559	0.0475009	0.693964	-1.441	12.6966	5.22276	0.365646	1
cg23707478	0.0575012	0.754503	-1.32538	0.0496592	1.3413	1.3413	0.27857	0.862659	-1.15921	0.000755418	0.511826	-1.95379	11.2441	3.06204	0.242066	1
cg04119303	0.377914	0.763778	-1.30928	0.0004228	0.189439	-5.27875	0.00020672	0.157108	-6.36506	0.0510185	0.515812	-1.93869	10.8245	15.2101	1.24903	1
cg13728763	0.242464	1.24533	1.24533	0.0012715	0.430347	-2.32371	0.11127	0.732609	-1.36498	0.47171	0.876951	-1.14031	10.7334	5.46856	0.45288	1
cg00367424	0.102678	1.41791	1.41791	0.0266856	0.598391	-1.67115	0.00064193	0.358978	-2.78568	0.205885	1.29815	1.29815	9.93632	6.01776	0.53834	1
cg10702283	0.114275	1.35907	1.35907	0.0115645	1.7576	1.7576	0.297712	1.21264	1.21264	0.993976	1.00135	1.00135	9.89966	5.00116	0.449053	1
cg04790169	0.274758	0.674448	-1.48269	0.000205985	0.115927	-8.62614	0.107638	0.544131	-1.83779	0.0433096	0.446823	-2.23802	9.34321	17.7768	1.69123	1
cg05321252	0.127224	0.757951	-1.31935	0.737524	1.05814	1.05814	0.000320828	0.375944	-2.65997	0.8243	1.03807	1.03807	9.27647	4.14799	0.397468	1
cg01289206	0.0246552	0.581181	-1.72063	0.0026418	0.430029	-2.32542	0.0632658	0.654631	-1.52758	0.242079	0.780096	-1.28189	9.19865	5.99358	0.579175	1
cg08615818	0.00602649	0.494884	-2.02067	0.178756	1.32321	1.32321	0.101159	0.703331	-1.4218	0.0740096	0.67681	-1.47752	9.01685	5.489	0.54111	1
cg10052164	0.1542	0.494478	-2.02234	0.000668796	0.0903934	-11.0628	0.00684933	0.1985	-5.03779	0.0076938	0.205722	-4.86093	8.67435	29.2872	3.00116	1
cg09529821	0.337141	0.783387	-1.27651	0.964422	1.01106	1.01106	0.981856	1.00563	1.00563	0.918746	1.02549	1.02549	8.6632	8.35046	0.856801	1
cg14909325	0.37924	1.17544	1.17544	0.0425097	1.51978	1.51978	0.839677	0.964353	-1.03696	0.110526	0.732262	-1.36563	8.50754	4.32646	0.452039	1
cg20750853	0.779997	0.958228	-1.04359	0.599874	0.922508	-1.084	0.0140356	1.58747	1.58747	0.177228	1.24426	1.24426	8.46602	3.11343	0.326895	1
cg09467675	0.59655	1.23662	1.23662	0.748396	0.879912	-1.13648	0.518062	1.29757	1.29757	0.898829	1.05187	1.05187	8.38459	20.9857	2.22479	1
cg22387756	0.0295057	0.643682	-1.55356	0.0347874	0.655143	-1.52639	0.947836	0.988817	-1.01131	0.166175	0.775867	-1.28888	8.28884	3.87816	0.41589	1
cg15514654	0.441717	0.83186	-1.20212	0.000362267	0.261403	-3.82551	0.0210278	0.521322	-1.9182	0.0699846	0.621605	-1.60874	7.96525	6.9474	0.775301	1
cg19466774	0.180383	0.632874	-1.58009	0.0827944	0.539125	-1.85486	0.000220535	0.138142	-7.23893	0.0559423	0.498386	-2.00648	7.92108	12.9756	1.45609	1
cg01467630	0.0100596	0.723919	-1.38137	0.00023998	0.546289	-1.83053	0.00933985	0.72043	-1.38806	0.0569251	0.807116	-1.23898	7.74146	1.21288	0.139266	1
cg13376953	0.107117	1.8693	1.8693	0.00217408	0.216575	-4.61734	0.806905	0.91659	-1.091	0.10888	0.536933	-1.86243	7.35182	14.7285	1.78079	1
cg26369594	0.0158853	0.228699	-4.37257	0.00210613	0.115309	-8.67236	0.00344263	0.137449	-7.2754	0.0382547	0.30134	-3.31851	6.85679	27.096	3.51263	1
cg25376032	0.16228	0.597639	-1.67325	0.0234969	0.393154	-2.54353	0.865677	1.06015	1.06015	0.990498	0.9959	-1.00412	6.78747	12.7963	1.67581	1
cg21560819	0.911226	1.02143	1.02143	0.00765874	1.91889	1.91889	0.734204	1.06695	1.06695	0.365579	1.19334	1.19334	6.58192	3.76873	0.508967	1
cg13250203	0.0171252	0.451952	-2.21262	0.0241177	0.479475	-2.08561	0.000866626	0.255079	-3.92036	0.0416294	0.526252	-1.90023	6.14614	7.27152	1.05165	1
cg19432283	0.00346047	0.424379	-2.35638	0.295856	0.7913	-1.26374	0.0117075	0.506544	-1.97416	0.046218	0.610676	-1.63753	6.01122	4.43946	0.65647	1
cg10290988	0.0850166	0.464028	-2.15504	0.0051547	0.22554	-4.43381	0.0171216	0.309882	-3.22703	0.0786639	0.455022	-2.1977	5.91602	15.2303	2.28836	1
cg17139436	0.0047804	0.0948655	-10.5412	0.187422	2.40755	2.40755	0.815242	0.863122	-1.15858	0.500961	1.53658	1.53658	5.91203	37.029	5.5674	1
cg27373015	0.132421	0.520454	-1.9214	0.00204195	0.174046	-5.74561	0.0209694	0.327223	-3.05602	0.37249	0.691941	-1.44521	5.85476	15.0003	2.27739	1
cg02356640	0.347294	0.807572	-1.23828	0.78757	0.942096	-1.06146	0.0169324	1.90276	1.90276	0.0543156	0.617392	-1.61972	5.5119	4.25769	0.686626	1
cg00590330	0.0372545	0.622388	-1.60671	0.253849	0.791603	-1.26326	0.00262111	0.441716	-2.2639	0.907748	1.023	1.023	5.3225	3.24233	0.541489	1
cg07050626	0.968745	0.994325	-1.00571	0.00461207	0.578371	-1.72899	0.0503467	0.723252	-1.38264	0.066302	0.741451	-1.34871	5.15236	1.72136	0.29697	1
cg19547124	0.445835	1.28372	1.28372	0.00197729	0.245442	-4.07428	0.249491	0.679218	-1.47228	0.0822088	0.538581	-1.85673	5.09142	8.32899	1.45412	1
cg10517990	0.0198475	0.42072	-2.37688	0.0170864	0.408597	-2.4474	0.00854254	0.355917	-2.80964	0.331684	0.734668	-1.36116	5.09055	7.64172	1.33436	1
cg11902093	0.0360623	0.278343	-3.59269	0.00691577	0.15983	-6.25664	0.00891649	0.174586	-5.72785	0.0863864	0.370202	-2.70123	5.03661	21.9486	3.87362	1
cg08261871	0.298157	0.801205	-1.24812	0.538549	1.13652	1.13652	0.0537244	0.637521	-1.56858	0.0231226	0.572263	-1.74745	4.84094	3.23822	0.594598	1
cg05096964	0.118056	1.17328	1.17328	0.0403872	0.800158	-1.24975	0.516196	1.06395	1.06395	0.042708	0.802778	-1.24567	4.81018	0.675486	0.124825	1
cg03864089	0.116254	1.33924	1.33924	0.00164834	2.16188	2.16188	0.411702	0.8662	-1.15447	0.0465017	0.67693	-1.47726	4.71381	2.18628	0.41227	1
cg02952849	0.0755638	0.503797	-1.98493	0.0391624	0.437268	-2.28693	0.035405	0.427864	-2.33719	0.0196667	0.376572	-2.65553	4.67819	8.8996	1.69098	1
cg06373674	0.0877418	0.577085	-1.73285	0.687385	1.12525	1.12525	0.00131256	0.255567	-3.91287	0.815195	1.07069	1.07069	4.54392	6.12391	1.19797	1
cg07635249	0.31056	0.638128	-1.56708	0.855015	1.08146	1.08146	0.0591735	0.401674	-2.48958	0.123533	0.489578	-2.04257	4.46263	12.9553	2.58051	1
cg00446697	0.0124982	0.281543	-3.55186	0.066226	0.431537	-2.3173	0.00674742	0.238703	-4.18931	0.234661	0.601633	-1.66214	4.45515	11.739	2.34215	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 63T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Error		
cg20404643	HCCA2	0.02770128	0.55814	1.21709	1.21709	0.3318368	0.40792	-1.40792	0.4443551	1.29582	1.29582	0.2642323	0.6609104	-1.49463	0.6898831	-1.44963	1.29582	0.00106903	0.201152	-4.97137	0.04545457	0.467169	-2.14055	0.4810028	1.33245	1.33245	0.44029	0.770453	-1.29794	4.20355	7.3262	1.54921	1
cg26774043	HCCA2	0.028095	0.0211402	0.1808778	-5.52554	0.776828	0.83927	-1.19151	0.0341669	0.217838	-4.59056	0.562088	0.6955502	-1.43781	0.0157916	0.161467	-6.1932	0.160031	0.396309	-2.52328	0.00194793	0.0670933	-14.9046	0.1103187	0.34207	-2.92338	0.0869063	0.311696	-3.20826	4.18279	25.1849	5.35207	1
cg20646846	HCCA2	0.02815	0.0620016	0.183307	-5.45533	0.6468003	0.159051	-6.28731	0.0502987	0.164906	-6.06405	0.264432	0.390803	-2.55883	0.0124861	0.0812263	-12.3113	0.0747241	0.201195	-4.97031	0.00383797	0.0429501	-23.2628	0.0128142	0.08253114	-12.146	0.0681644	0.192096	-5.20574	4.17991	43.1928	9.18527	1
cg08313842	HCCA2	0.02878339	0.41043	1.18472	1.18472	0.4828316	1.15445	-1.15445	0.00103946	0.176108	-2.65881	0.21632	1.29953	1.29953	0.133933	1.38472	1.38472	0.83823	0.959671	-1.04202	0.154048	1.35972	1.35972	0.763662	1.0626	1.0626	0.714632	1.07675	1.07675	4.14718	2.66343	0.5708668	1
cg05808980	HCCA2	0.0303335	0.191946	0.651413	-1.53512	0.206467	0.660128	-1.51486	0.952094	1.01882	1.01882	0.598172	1.17941	1.17943	0.000752185	0.204743	-4.88416	0.204478	0.660015	-1.51512	0.0515612	0.502773	-1.98897	0.825072	1.0711	1.0711	0.166315	0.63256	-1.58088	4.07081	6.2078	1.35552	1
cg07003668	HCCA2	0.0330705	0.903466	0.96361	-1.03776	0.00373014	3.30882	3.30882	0.01291009	2.5675	2.5675	0.729643	0.8094433	-1.11181	0.167912	0.638223	-1.56673	0.476098	1.24779	-1.24779	0.0478739	0.99584	1.99584	0.667361	0.8792663	-1.14121	0.8043516	0.926064	-1.07879	3.94703	5.83446	1.31395	1
cg09004134	HCCA2	0.0363884	0.0192009	0.6145	-1.62734	0.1626441	1.292	1.292	0.132375	1.32195	1.32195	0.041371	0.667396	-1.49836	0.118637	0.7474	-1.33797	0.131642	0.755994	-1.32276	0.137482	1.31643	1.31643	0.131168	1.32329	1.32329	0.8020558	1.04412	1.04412	3.81293	1.78303	0.4158791	1
cg01742538	HCCA2	0.0450418	0.895785	0.909448	-1.09957	0.00375566	2.15571	2.15571	0.145499	1.32194	1.32194	0.0561955	0.8658	1.15502	0.83568	0.947964	-1.05543	0.496643	-1.23152	0.960372	1.03664	1.03664	0.564888	1.55163	1.55163	0.194432	2.29261	2.70361	0.2115163	2.5845	2.5845	5.5243	29.2802	7.58496	1
cg07440278	HCCA2	0.045378	0.114741	0.732273	-1.36562	0.681862	0.927858	-1.07775	0.00393944	0.494286	-2.02312	0.661019	0.922967	-1.08346	0.594113	0.90625	-1.10345	0.608662	1.09835	1.09835	0.0119963	0.565909	-1.76707	0.211042	0.7287107	-1.27048	0.0321253	0.633815	-1.57775	5.5145	1.83698	0.46461	1
cg07064673	HCCA2	0.0488551	0.651406	0.949756	-1.0529	0.725809	0.960878	-1.04071	0.0429836	1.30208	1.30208	0.784022	1.03163	1.03163	0.941175	1.0084	1.0084	0.556752	1.06969	1.06969	0.00135751	1.69413	1.69413	0.477311	0.92137	-1.08534	0.914981	1.01218	1.01218	3.41805	0.69541	0.1808466	1
cg08038037	HCCA2-CTSD	0.01004481	0.119564	0.837812	-1.19351	0.122043	1.19195	1.19195	0.0104857	0.735556	-1.40143	0.0840113	1.229379	1.22178	0.612506	1.1707	1.05177	0.000196439	1.92689	1.92689	0.00209888	1.854244	1.85244	0.4808571	0.9397575	-1.07796	0.7813777	0.971272	-1.02958	11.6211	2.00305	0.1545636	1
cg05968917	HCCA2-CTSD	0.0208108	0.354886	0.814952	-1.22707	0.0124128	0.512192	-1.95239	0.0036311	0.429062	-2.33067	0.34729	1.2313	1.2313	0.0161954	0.531326	-1.88208	0.321136	0.802209	-1.24656	0.0192132	1.83868	1.83868	0.424179	1.19183	1.19183	0.468513	0.853358	-1.17184	5.56137	4.07159	0.650773	1
cg06380658	HCCA2-CTSD	0.0191594	0.321668	0.881334	-1.13509	0.0994844	1.0129	1.0129	0.0937761	1.25567	1.25567	0.730739	1.062977	1.062977	0.0225167	0.628186	-1.59188	0.0108865	0.6084	-1.64391	0.0445535	1.893707	1.89707	0.2822123	0.8801585	-1.14784	0.8488515	1.032098	1.032098	4.79847	2.18153	0.4075212	1
cg22680424	HCCA2-CTSD	0.0225653	0.696554	0.942958	-1.06049	0.725215	1.05431	1.05431	0.0544855	1.3867	1.3867	0.439621	1.41473	1.41473	0.0305521	0.763554	-1.30955	0.0991876	1.31112	1.31112	0.00291666	1.84587	1.84587	0.2822023	1.33343	1.33343	0.100778	0.763854	-1.30915	4.51442	1.60586	0.3161914	1
cg07343429	HCCA2-CTSD	5.88E-05	0.241395	0.910526	-1.09827	0.254266	0.913025	-1.09526	0.565657	1.04539	1.04539	0.319676	0.924408	-1.08177	0.81 07	0.356126	2.808	0.00868548	0.744193	-1.29129	0.349604	1.07637	1.07637	0.013275	1.26434	1.26434	0.653823	0.966085	-1.03511	2.55014	0.25	2.359958	0.0822479	1
cg05003455	HCCA2-CTSD;CTSD	8.24E-05	4.74E-05	0.550722	-1.79523	4.53E-05	0.554403	-1.80293	0.0191131	1.24193	1.24193	0.153984	0.889941	-1.12367	0.0402844	0.744423	-1.34332	0.00057494	0.655643	-1.52523	0.0125704	1.43307	1.43307	0.47144	1.05756	1.05756	0.873763	1.021222	1.021222	13.314	2.15515	0.0821619	1
cg09367807	HCCA2;DUSP8	0.00100674	0.0378442	1.55014	1.55014	0.000790345	0.397249	-2.51731	0.700764	1.07282	1.07282	0.161676	1.46685	1.46685	0.000825555	0.399763	-2.50148	0.698311	0.931555	-1.07347	0.00228318	2.17385	2.17385	0.02042456	1.66296	1.66296	0.162567	1.31177	1.31177	11.7441	6.1631	0.466472	1
cg19048426	HCCA2-DUSP8;LOC338651	0.02051	0.140982	1.37021	1.370221	0.0398059	0.527484	-1.89579	0.237002	0.660708	-1.51353	0.0950194	0.596546	-1.86377	0.788364	0.915239	-1.09261	0.0159058	0.35025	-2.8551	?	?	?	0.0241162	0.3384905	-2.57403	0.00236912	0.204214	-4.89882	0.873383	8.8165	1.08786	1
cg24218935	HCCA2-PAM99A	0.0104844	0.16835	0.810217	-1.23408	0.0768106	0.754174	-1.32595	0.000445301	0.451819	-2.21328	0.567973	0.920536	-1.08632	0.680806	0.746028	-1.34042	0.288046	0.853737	-1.17132	0.0339821	1.42595	1.42595	0.377649	1.13858	1.13858	0.51265	0.923243	-1.08314	5.8217	1.8508	0.2893552	1
cg24317122	HCCA2-PAM99B	0.0265412	0.100474	2.50615	2.50615	0.139827	2.25054	2.25054	0.0325096	0.2786333	-3.58896	0.0280457	3.76196	3.76196	0.256833	1.82994	1.82994	0.0656321	2.87168	2.87168	0.00953427	5.34667	5.34667	0.104982	2.47091	2.47091	0.0486886	3.15708	3.15708	4.26722	17.6197	3.67029	1
cg20772596	HCCA2-PAM99B	0.0280109	0.8393514	1.04388	1.04388	0.5035869	0.883791	-1.13149	0.0807326	0.836183	-1.19548	0.0837326	0.836183	-1.19548	0.0837326	0.836183	-1.19548	0.164135	0.730212	-1.3697	0.0944656	1.47598	1.47598	0.996603	1.00309	-1.0009	0.4229951	0.840861	-1.18926	4.18721	2.59468	0.6314844	1
cg22388442	HCCA2-PAM99B	0.0375815	0.122643	1.93267	1.93267	0.0127534	3.38332	3.38332	0.29652	0.652892	-1.53165	0.159435	1.80803	1.80803	0.242537	1.61891	1.61891	0.0591382	2.34176	2.31476	0.00288686	5.0223	5.0223	0.369883	1.43723	1.43723	0.371418	1.43547	1.43547	3.76836	9.2598	2.18422	1
cg25145687	HCCA2-RTKFAP9-1-LOC338651	0.0441977	0.126029	0.491419	-1.63263	0.0124042	0.798752	-1.25193	0.0102468	0.627354	-1.59369	0.0153683	0.541904	-1.84529	0.0153683	0.541904	-1.84529	0.678216	0.846661	-1.18108	0.0153683	0.541904	-1.84529	0.0153683	0.541904	-1.84529	0.0153683	0.541904	-1.84529	0.0153683	0.541904	-1.84529	4.0945	4.0945	1.24754	1
cg19866040	HCCA2-RTKFAP9-2-LOC338651	0.00406768	0.0016886	4.426285	-2.34585	0.069562	0.679986	-1.47062	0.00420798	0.482714	-2.07162	0.678946	0.678036	-1.47485	0.00268057	0.454487	2.20028	0.034331	0.625574	-1.59853	0.103139	0.712655	-1.4032	0.009945059	0.391866	-2.55189	0.00523113	0.4966	-2.0137	7.81286	4.46754	0.508283	1
cg20825710	HCCA2-RTKFAP9-2-LOC338651	0.0265192	0.167658	0.587743	-1.70142	0.00674615	0.281042	-3.55819	0.0673173	0.476682	-2.09783	0.789513	1.10152	1.10152	0.0103194	0.311034	-3.21508	0.211544	0.621493	-1.60903	0.213615	1.60521	1.60521	0.295294	0.515579	-1.93957	0.0165781	0.347312	-2.87926	4.26486	8.82859	1.83852	1
cg00554401	HCCA2;KRTAP5-2-LOC338651;KRTAP5-2	0.0241679	0.254746	1.19836	1.19836	0.0058061	1.73295	1.73295	0.19216	0.810516	-1.23378	0.661628	0.935178	-1.06932	0.473744	1.11726	1.11726	0.36618	1.15175	1.15175	0.00194054	1.94879	1.94879	0.504377	0.902041	-1.1086	0.616183	1.07994	1.07994	4.40874	1.61605	0.326009	1
cg20172940	HCCA2-RTKFAP5-4	0.00419068	0.0045302	0.277436	-3.60526	0.1536224	0.590007	1.59096	0.0003006	0.272995	3.66268	0.0029586	0.22321	-1.09397	0.0166252	0.669586	-1.49355	0.0632543	0.521666	-1.91664	0.00045126	0.557086	-1.7951	0.0004251	0.481148	-2.07836	0.2566771	0.694576	-1.43973	9.0421	13.0842	1.12783	1
cg13365972	HCCA2-RTKFAP5-3	0.00940721	0.0159443	0.296355	-3.37434	0.576401	0.412776	-2.42262	0.1319465	0.511671	-1.95438	0.1136	0.491904	-2.03292	0.0202013	0.665947	-1.50157	0.056124	0.41004	-2.43879	0.00390297	0.201674	-4.95851	0.00252097	0.177561	-5.63187	0.0241471	0.330219	-3.02829	6.00875	16.1616	2.39082	1
cg14489433	HCCA2-RTKFAP5-3	0.0283939	0.0257433	0.470201	-2.12675	0.295045	0.733887	-1.36261	0.009730981	0.393898	-2.53873	0.13224	0.629481	-1.58861	0.0207408	0.452345	-2.2107	0.0961202	0.594152	-1.68307	0.0774126	0.571609	-1.74945	0.00350103	0.323497	-3.09122	0.0502116	0.529378	-1.88901	4.16721	5.35754	1.14279	1
cg14267780	HCCA2-RTKFAP5-4	0.0180705	0.0140983	0.156284	-6.39781	0.0958387	0.0315283	0.580565	-11.9545	0.0887222	-1.34649	0.0824782	0.286663	-3.48972	0.120012	0.477853	-2.09271	0.0189244	0.213122	-4.69216	0.00964421	0.0657012	-15.2506	0.00362419	0.057036	-17.5279	0.0107867	0.175177	-5.7085	3.83153	0.4042	0.104939	1
cg01258634	HCCA2-RTKFAP5-4	0.00362944	0.389338	0.847126	-1.18046	0.0537862	0.624444	-1.50956	0.00236333	0.450428	-2.22011	0.00445422	0.489926	-2.04112	0.000163722	0.298489	3.3502	0.154818	0.750985	-1.33159	0.309973	0.820712	-1.21845	0.008092842	0.534944	-1.86935	0.281828	0.810305	-1.2341	0.08537	4.52921	0.497932	1
cg08240778	HCCA2-RTKFAP5-4	0.0173213	0.0390609	0.221444	-4.51548	0.0473449	0.243443	-4.10623	0.0128893	0.247003	-4.04801	0.0178	0.27003	-3.70369	0.0061	0.252514	-3.96015	0.0061986	0.177617	-5.63018	0.0048361	0.174703	-5.72482	0.0041167	0.155037	-6.45051	0.0064668	0.183862	-5.43956	0.0	0.0	0.0	1
cg18504190	HCCA2-RTKFAP5-5	0.0011258	0.000291711	0.208361	-4.79936	0.889157	0.963641	-1.03773	0.256104	0.729899	-1.37005	0.574428	1.16264	1.16264	0.000338934	0.215731	-4.63541	0.00166939	0.302986	3.30048	0.0286923	0.503889	-1.98457	0.001189506	0.310765	-3.21786	0.00722388	0.398239	-2.51105	11.3769	12.7103	0.993066	1
cg26650440	HCCA2-RTKFAP5-5	0.0118474	0.0328689	0.528655	-1.89159	0.00588104	0.398298	-2.51069	0.4036	0.803901	-1.24393	0.217001	1.3934	1.3934	0.00604156	0.402461	-2.48471	0.0202339	0.489141	-2.0444	0.392862	1.2505	1.2505	0.00691056	0.409469	-2.44219	0.495618	0.838028	-1.19328	5.59668	5.78157	0.918254	1
cg08112821	HCCA2-RTKFAP5-5	0.0124184	0.0725726	0.3	-3.33333	0.0120407	0.301275	-3.32042	0.0004272	0.196406	-5.08997	0.0013384	0.198316	-5.04124	0.0003	0.127354	-7.85203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg09431318	HCCA2-RTKFAP5-5;KRTAP5-5	0.0440496	0.00707616	0.226723	-4.41066	0.0681752	0.418595	-2.38894	0.0155402	0.282129	-3.54448	0.118914	0.485932	-2.0579	0.0417823	0.367667	2.71985	0.242887	0.593871	-1.68387	0.0200131	0.302134	-3.30979	0.05345661	0.392453	-2.54807	0.0610338	0.406483	-2.46013	3.60933	10.5662	2.55964	1
cg00703086	HCCA2-RTKFAP5-6	0.421523	0.7696863	0.9	-1.11111	0.588844	0.825445	-1.2113	0.0113401	0.365079	-2.73938	0.3874	0.71407	-1.40042	0.0058184	0.1069	-9.35527	0.027769	0.400587	-2.4964	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	1.4284	1.4284	1.33584	1
cg10481560	HCCA2;LOC338651	0.0036	0.0455411	0.684362	-1.46122	0.3426118	0.71553	-1.17553	0.2562	0.821981	-1.21656	0.981161	1.00391	1.0091	0.000199794	0.355982	-2.80913	0.0065247	0.14822	-1.40822	0.773733	0.953441	-1.04883	0.024068	0.498469	-2.00614	0.915499	0.982598	-1.01771	0.80514	0.5117	0.385128	1
cg16235622	HCCA2;LOC338651	0.0206815	0.157578	0.85031	-1.17604	0.846365	1.02082	1.02082	0.0201042	1.35912	1.35912	0.926759	0.990283	-1.00981	0.158047	0.85049	-1.17579	0.00883386	0.692057	-1.44497	0.683379	1.02705	1.02705	0.944599	1.04455	1.04455	0.848396	0.783028	-1.27709	0.0198492	1.36038	1.36038	5.17684	0.9050188	0.335997	1
cg17061505	HCCA2;LOC338651	0.0238193	0.1025275	0.769663	-1.29936	0.588844	0.825445	-1.2113	0.0113401	0.365079	-2.73938	0.3874	0.71407	-1.40042	0.0058184	0.1069	-9.35527	0.027769	0.400587	-2.4964	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	1.4284	1.4284	1.33584	1
cg10481560	HCCA2;LOC338651	0.0036	0.0455411	0.684362	-1.46122	0.3426118	0.71553	0.2562	0.821981	-1.21656	0.981161	1.00391	1.0091	0.000199794	0.355982	-2.80913	0.0065247	0.14822	-1.40822	0.773733	0.953441	-1.04883	0.024068	0.498469	-2.00614	0.915499	0.982598	-1.01771	0.80514	0.5117	0.385128	1
cg16235622	HCCA2;LOC338651	0.0206815	0.157578	0.85031	-1.17604	0.846365	1.02082	1.02082	0.0201042	1.35912	1.35912	0.926759	0.990283	-1.00981	0.158047	0.85049	-1.17579	0.00883386	0.692057	-1.44497	0.683379	1.02705	1.02705	0.944599	1.04455	1.04455	0.848396	0.783028	-1.27709	0.0198492	1.36038	1.36038	5.17684	0.9050188	0.335997	1
cg17061505	HCCA2;LOC338651	0.0238193	0.1025275	0.769663	-1.29936	0.588844	0.825445	-1.2113	0.0113401	0.365079	-2.73938	0.3874	0.71407	-1.40042	0.0058184	0.1069	-9.35527	0.027769	0.400587	-2.4964	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	0.0058184	0.1069	-9.35527	1.4284	1.4284	1.33584	1
cg05930904	HCCA2;LOC338651	0.027585	0.826975	0.15893	1.03891	0.2357787	1.6027	1.6027	0.685897	0.931522	-1.07351	0.233609	0.804229	-1.24343	0.441461	0.872022	-1.14676	0.004378	0.514812	-1.94246	0.0157875	1.45947	1.45947	0.47082	1.13679	1.13679	0.128584	1.33185	1.33185	4.20064	2.02937	0.428514	1
cg18417864	HCCA2;LOC338651	0.0499703	0.0241202	0.130404	-7.66925	0.0252	0.30052	-3.32753	0.0249272	0.184475	-5.42103	0.0318802	0.1981	-5.04801	0.0	0.0	0.0	0.078572	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg02271621	HCCA2;LOC338651;DUSP8	0.000948976	0.224421	0.76961	-1.29936	0.4893374	0.865796	-1.15501	0.686204	0.08692	0.08692	0.008138834	0.499011	-2.00397	0.001218	0.37855	-2.64166	0.0192667	0.559379	-1.7877	3.816-05	0.197867	-5.05389	0.220514	0.767729	-1.30254	0.00145805	0.389314	-2.56862	11.9424	7.96449	0.592807	1
cg04803994	HCCA2;LOC338651;DUSP8	0.0255327	0.569842	1.12458	1.12458	0.0804779	0.627358	-1.59383	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.347153	1.21984	1.21984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg23121547	HCCA2;LOC338651;DUSP8	0.0460956	0.0808205	0.837533	-1.19398	0.677776	0.96246	-1.03896	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.146796	0.867099	-1.15327	0.0177083	0.664153	-1.50568	0.0923507	0.904572	-1.10502	0.563443	1.05465	1.05465	3.49386	0.4403	0.1180556	1
cg04701181	HCCA2;LOC338651;KRTAP5-1	0.0370216	0.0288097	0.32681	-3.05988	0.166899	0.52768	-1.89509	0.0119358	0.256427	-3.89975	0.0884045	0.442415	-2.26032	0.0160775	0.347311	-2.87926	0.0627102	0.403117	-2.48067	0.531035	1.31689	1.31689	0.0084513	0.232539	-4.30035	0.158207	0.519737	-1.92405	3.78905	11.293	2.64926	1
cg21563737	HCCA2;LOC402778	0.0030386	0.0004564	0.146965	-6.80403	0.795624	1.1952	1.1952	0.0529769	0.539618	-1.85303	0.0616415	0.736994	-1.35703	0.0	0.0	0.0	0.427175	1.76378	1.76378	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg16328251	HCCA2;LOC402778	0.00105144	0.214776	0.801656	-1.24742	0.305789	1.19663	1.19663	0.327083	1.18681	1.18681	0.708188	0.938332	-1.06572	0.0485322	0.628236	1.46448	0.065169	0.704341	-1.41977	0.376-05	0.214781	-4.65592	0.0325835	0.654795	-1.52739	0.706278	0.937919	-1.06619	11.6002	5.26515	0.403452	1
cg08624595	HCCA2;LOC402778	0.00588157	0.1345927	1.552525	1.552525	0.0284002	0.559121	-1.78853	0.0140503	0.168653	1.68653	0.0548813	0.55189	2.55189	0.208235	0.565035	-1.7698	0.000704309	0.104209	-9.5955	0.0119682	0.293752	-3.40424	0.0862336	0.682354	-1.4655	0.5583559	1.82159	1.82159	0.98197	2.67435	2.60653	1
cg02916272	HCCA2;LOC402778	0.00919773	0.8685801	0.955274	-1.04645	0.0496558	0.392873	-2.54535	0.1533153	0.166419	-6.00915	0.0117052	0.205441	-4.86525	0.0080214	0.163424	6.11758	0.039524	0.53707	-1.86196	0.0807907	0.614948	-1.62615	0.78281	0.929267	-1.07185	0.228608	1.37939	1.37939	6.07033	0.06177	0.0887634	1
cg16934127	HCCA2;LOC402778	0.0185379	0.0117458	0.425939	-2.34775	0.0826323	0.593799	-1.68407	0.0441054	0.534108	-1.87228	0.373683	1.28096	1.28096	0.614537	0.871369	-1.14762	0.554358	1.17605	1.17605	0.82064	1.06351	1.06351	0.887721	1.03905	1.03905	0.00305004	1.00535	4.82703	5.62074	1.03505	1
cg00355945	HCCA2;HCCS	0.0141839	0.533573	1.1	1.1	0.0568201	0.712452	-1.40349	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg25529889	HCCS;HCCS	0.00601106	0.00108624	0.0612516	-16.3261	0.305545	1.84867	1.84867	0.584552	0.726311	-1.37682	0.0497146	0.365666	0.365666	0.821223	1.14007	1.14007	0.00314214	0.0964973	-10.363	0.158631	2.39343	2.39343	0.346131	1.75405	1.75405	0.08448 61	3.02001	3.02001	6.93522	36.8445	4.72237	1
cg12401455	HCCS;HCCS	0.0153076	0.0702746	0.402746	-2.48244	0.0393284	0.573375	-1.88538	0.0729964	0.496808	-2.01285	0.614013	0.837058	-1.19466	0.0319344	0.534667	-1.87032	0.027769	0.402651	-2.48354	0.0103914	0.339733	-2.9435	0.0103914	0.339733	-2.9435	0.0103914	0.339733	-2.9435	0.0103914	0.339733	-2.9435	1.55503	3.8549	7.46761	1.72193	1
cg11170680	HCFC1	0.000968984	0.232797	0.741402	-1.3488	0.351434	1.25777	1.25777	0.847512	0.955005	-1.04712	1.52E-05	0.117355	-8.52112	0.791695	0.916627	-1.09096	0.376701	0.804981	-1.24227	0.0411035	1.75699	1.75699	0.566907	1.14846	1.14846	0.0852893	1.54293	1.54293	11.8721	10.7534	0.805134	1
cg15222604	HCFC1	0.00195859	0.4531373	0.868551	-1.15134	0.029546	0.623415	-1.60407	0.231047	0.79319	-1.26073	0.000253533	0.328898	-3.04045	0.00293688	0.470778	-2.12414	0.0300759	1.60079	1.60079	0.00950232	0.545571	-1.83294	0.0626675	1.47155	1.47155	0.115027	0.729034	-1.37168	9.70083	5.22541	0.478805	1
cg13684570	HCFC1	0.0125913	0.1	3.4684	3.4684	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg02973734	HCFC1	0.00370564	0.597087	0.921178	-1.08557	0.00074413	0.375174	-2.66543	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13375758	HCG27	0.00711823	0.665944	0.944338	-1.05894	0.0754527	1.29817	1.29817	0.0527544	1.33685	1.33685	0.563846	1.07997	1.07997	0.00711772	0.6323	-1.58153
cg18918396	HCG27	0.00828052	0.164083	0.864814	-1.15632	0.839638	0.980375	-1.02002	0.00285352	0.669245	-1.49422	0.0785038	0.825992	-1.21067	0.146751	0.858689	-1.16457
cg12555879	HCG27	0.00855938	0.806205	0.948271	-1.05455	0.356097	1.22768	1.22768	0.562884	0.881257	-1.13474	0.914598	0.977085	-1.02345	0.937277	0.983136	-1.01715
cg10168930	HCG27	0.0090382	0.138685	1.20257	1.20257	0.402741	1.10417	1.10417	0.0412643	0.761506	-1.31319	0.206334	0.857052	-1.16679	0.150253	1.19538	1.19538
cg12771717	HCG27	0.0218709	0.671729	0.847329	-1.18018	0.615258	1.21768	1.21768	0.00446721	0.229074	-4.3654	0.0152591	0.314146	-3.18324	0.141288	0.540731	-1.84935
cg17553885	HCG27	0.0227851	0.0621263	0.765053	-1.3071	0.0069437	0.640556	-1.56114	0.0168626	0.689499	-1.45033	0.0300163	1.3847	1.3847	0.0366146	0.733669	-1.36301
cg17557540	HCG27	0.0306026	0.0154061	0.290263	-3.44515	0.176116	1.81921	1.81921	0.348964	0.669547	-1.49355	0.0384472	0.368693	-2.71228	0.011428	0.267959	-3.73192
cg15562022	HCG27	0.0342181	0.604059	1.33004	1.33004	0.135792	0.416288	-2.40218	0.134371	0.414754	-2.41107	0.114272	2.5511	2.5511	0.0288349	0.245318	-4.07634
cg14695524	HCG27	0.0364975	0.0154601	0.0627864	-15.927	0.595594	1.64721	1.64721	0.743258	1.3583	1.3583	0.553777	0.572321	-1.74727	0.0126237	0.0556203	-17.979
cg11524593	HCG27	0.0378197	0.827748	1.03293	1.03293	0.810682	0.964953	-1.03632	0.117628	1.28742	1.28742	0.684588	1.06259	1.06259	0.368481	1.14719	1.14719
cg13502540	HCG27	0.0391048	0.160826	0.620694	-1.6111	0.841077	0.938077	-1.06601	0.669517	0.87223	-1.14649	0.359198	0.740692	-1.35009	0.00175281	0.241734	-4.13677
cg10473907	HCG27	0.0402663	0.476905	0.725674	-1.37803	0.613395	1.25306	1.25306	0.443438	0.707102	-1.41422	0.110701	2.17916	2.17916	0.00238972	0.138483	-7.22111
cg05699123	HCG27	0.0433172	0.332186	0.761783	-1.31271	0.0169962	0.453116	-2.20694	0.0299935	0.499401	-2.0024	0.581116	0.859358	-1.16366	0.00975129	0.411066	-2.4327
cg18423635	HCG2P7	8.55E-05	0.0525567	0.701914	-1.42468	2.58E-05	0.262042	-3.81618	0.000339913	0.395768	-2.52673	0.0270043	0.656719	-1.52272	3.79E-06	0.176853	-5.6544
cg03045133	HCG2P7	0.000692742	0.187908	1.22769	1.22769	0.000116678	0.370695	-2.69763	0.38904	1.13857	1.13857	0.238552	0.834041	-1.19898	0.00067531	0.465737	-2.14714
cg24179288	HCG2P7	0.00950195	0.0651064	0.360738	-2.7721	0.296268	1.70435	1.70435	0.0669509	0.36384	-2.74846	0.217531	0.527983	-1.894	0.00094551	0.0882872	-11.3267
cg24126931	HCG2P7	0.0239486	0.77448	0.887825	-1.12635	0.425779	0.714026	-1.40051	0.0882228	0.458802	-2.17959	0.00945104	0.256085	-3.90495	0.00414092	0.203488	-4.91429
cg16494625	HCG2P7	0.0273104	0.24309	0.645552	-1.54906	0.0186016	0.359774	-2.77952	0.571927	0.814939	-1.22709	0.221902	0.631297	-1.58404	0.000765286	0.161003	-6.21106
cg25107289	HCG4	1.48E-06	1.02E-05	0.328159	-3.0473	0.0118684	0.690633	-1.44795	0.346558	0.89205	-1.12101	5.59E-05	0.413599	-2.4178	5.85E-05	0.415883	-2.40452
cg00757933	HCG4	1.80E-06	4.63E-05	0.370336	-2.70025	0.0991519	1.26298	1.26298	0.938656	0.990109	-1.00999	0.00100752	0.532424	-1.8782	8.20E-05	0.399817	-2.50114
cg00501272	HCG4	6.90E-06	0.051729	0.729852	-1.37014	0.802061	1.03637	1.03637	0.111562	0.781519	-1.27956	0.0479444	0.724971	-1.37936	0.0905647	0.767021	-1.30375
cg13688808	HCG4	7.02E-06	0.0668441	0.769692	-1.29922	0.00310984	1.67411	1.67411	0.0400729	0.739141	-1.35292	0.149315	1.21774	1.21774	0.124297	1.23619	1.23619
cg23849169	HCG4	1.46E-05	0.601345	0.942857	-1.06061	0.211578	1.15823	1.15823	0.000245859	1.96619	1.96619	0.0848664	0.808405	-1.237	0.71336	0.959654	-1.04204
cg12154624	HCG4	2.09E-05	0.00829599	0.742477	-1.34684	7.33E-05	1.88956	1.88956	0.294472	1.10069	1.10069	0.165381	1.13945	1.13945	0.00734434	0.737206	-1.35647
cg09112760	HCG4	2.88E-05	0.00833711	1.23599	1.23599	0.00419239	1.27256	1.27256	0.000538291	1.40255	1.40255	0.00114569	1.35044	1.35044	0.012044	0.821377	-1.21747
cg13497563	HCG4	9.48E-05	0.355204	0.901451	-1.10932	0.00150078	1.64728	1.64728	0.609025	0.945281	-1.05789	0.761571	0.967348	-1.03375	0.0538118	0.787541	-1.26978
cg21039495	HCG4	0.000221055	0.0218503	0.621809	-1.60821	0.612793	1.09212	1.09212	0.00182777	0.465467	-2.14838	0.0199756	0.615761	-1.62401	0.0365416	0.657323	-1.52132
cg17394649	HCG4	0.000278537	0.623839	0.769743	-1.29913	0.0341081	3.70323	3.70323	0.113594	0.401915	-2.48809	0.0193277	4.47184	4.47184	0.00736233	6.2257	6.2257
cg17068675	HCG4	0.000342365	0.00364905	0.603949	-1.65577	0.0237903	0.707511	-1.4134	6.51E-05	0.390491	-2.56088	0.00444643	1.62692	1.62692	0.0111382	0.664934	-1.50391
cg16787652	HCG4	0.000408761	0.3363	0.722206	-1.38465	0.0358969	2.22839	2.22839	0.393788	0.750706	-1.33208	0.000681043	5.4962	5.4962	0.000135334	8.7515	8.7515
cg07457785	HCG4	0.000668219	0.599721	0.913938	-1.09417	0.0222555	1.59302	1.59302	0.024814	0.635077	-1.57461	0.0121252	1.70132	1.70132	0.214855	1.24843	1.24843
cg11753155	HCG4	0.000756476	0.568911	1.30173	1.30173	0.938741	0.96541	-1.03583	0.094821	0.431355	-2.31828	0.373621	1.51937	1.51937	0.282229	1.66827	1.66827
cg05907976	HCG4	0.000822352	0.195799	1.43179	1.43179	0.00278219	2.95024	2.95024	0.206866	1.41802	1.41802	0.000346072	4.52831	4.52831	6.99E-05	6.7187	6.7187
cg20387069	HCG4	0.00104573	0.229641	0.762258	-1.31189	0.885013	1.03166	1.03166	0.385014	0.825459	-1.21145	0.00900967	2.04445	2.04445	0.01127	0.504768	-1.98111
cg20912517	HCG4	0.00124088	0.00514824	0.436547	-2.2907	0.0284963	1.78585	1.78585	0.00713752	0.458644	-2.18034	0.0519478	1.64228	1.64228	0.000269188	0.261649	-3.82191
cg08696107	HCG4	0.00131654	0.229854	0.585405	-1.70822	0.0243298	3.12894	3.12894	0.179757	0.545774	-1.83226	0.00180121	6.59822	6.59822	0.000324043	11.8327	11.8327
cg08560874	HCG4	0.00138792	0.15554	0.507387	-1.97088	0.0397143	2.8914	2.8914	0.105801	0.454403	-2.20069	0.00200497	7.00637	7.00637	0.00122707	8.25625	8.25625
cg13643180	HCG4	0.00147471	0.000693498	0.20682	-4.83512	0.796617	1.0818	1.0818	0.00241932	0.2764	-3.61794	0.718053	0.895489	-1.11671	0.00150074	0.24834	-4.02673
cg22053721	HCG4	0.00314727	0.00276459	0.651398	-1.53516	0.495081	0.930593	-1.07458	0.198549	0.86842	-1.15152	0.0586479	1.2483	1.2483	0.0258758	1.31609	1.31609
cg13321114	HCG4	0.00348506	0.414449	1.30289	1.30289	0.0369142	2.15687	2.15687	0.198257	1.53917	1.53917	0.00686859	3.03476	3.03476	0.00101202	4.69625	4.69625
cg17670496	HCG4	0.00431559	0.313483	1.7826	1.7826	0.0385	3.77874	3.77874	0.959356	0.972136	-1.02866	0.00410888	8.45393	8.45393	0.00145433	12.8108	12.8108
cg14443519	HCG4	0.00499406	0.981081	0.991725	-1.00834	0.193866	1.61887	1.61887	0.21947	0.636025	-1.57227	0.531318	1.24884	1.24884	0.640178	0.847907	-1.17937
cg00030176	HCG4	0.00868553	0.743153	0.951768	-1.05068	0.0975417	1.31433	1.31433	0.00696268	1.69022	1.69022	0.00837267	0.602625	-1.65941	0.782955	0.959335	-1.04239
cg24621922	HCG4	0.0100976	0.307464	0.684819	-1.46024	0.100898	1.90387	1.90387	0.00684365	3.50873	3.50873	0.190887	1.64269	1.64269	0.0229178	2.652	2.652
cg13143120	HCG4	0.0118659	0.358593	0.731989	-1.36614	0.0412746	2.17718	2.17718	0.0393751	2.19835	2.19835	0.45139	0.77601	-1.28864	0.0221702	2.47523	2.47523
cg11278602	HCG4	0.0143351	0.0825662	0.786931	-1.27076	0.942994	0.991127	-1.00895	0.0065112	1.55373	1.55373	0.0480491	1.32527	1.32527	0.91414	0.986649	-1.01353
cg17512365	HCG4	0.0144451	0.324189	0.725844	-1.37771	0.00583273	3.11454	3.11454	0.325592	1.37635	1.37635	0.00408636	3.36242	3.36242	0.347388	1.35593	1.35593
cg22903300	HCG4	0.0182025	0.599882	0.903326	-1.10702	0.055362	0.658911	-1.51766	0.0341219	0.621929	-1.6079	0.0440261	0.641149	-1.5597	0.642451	0.914106	-1.09396
cg11901272	HCG4	0.0185689	0.706558	0.95817	-1.04366	0.0563491	1.2765	1.2765	0.0830879	0.805106	-1.24207	0.93119	1.0098	1.0098	0.154073	1.18814	1.18814
cg23961091	HCG4	0.0188912	0.00435819	0.352987	-2.83296	0.00191935	3.32312	3.32312	0.360664	0.773432	-1.29294	0.579968	0.858275	-1.16513	0.522456	0.837597	-1.19389
cg05216332	HCG4	0.0191651	0.891011	1.02074	1.02074	0.521919	0.907395	-1.10206	0.0604148	1.37304	1.37304	0.59732	0.923288	-1.08309	0.734704	1.05224	1.05224
cg08867464	HCG4	0.0241653	0.1659	2.29602	2.29602	0.173636	2.25769	2.25769	0.660418	1.28235	1.28235	0.959035	0.971519	-1.02932	0.264313	1.92418	1.92418
cg05973840	HCG4	0.0378467	0.263001	0.646429	-1.54696	0.0694722	2.13651	2.13651	0.195879	1.66756	1.66756	0.391155	0.720011	-1.38887	0.0683415	2.14469	2.14469
cg11232276	HCG4	0.0436814	0.618958	1.27069	1.27069	0.662039	1.23387	1.23387	0.334981	1.60816	1.60816	0.797047	0.88414	-1.13104	0.100557	0.423365	-2.36203
cg11973623	HCG4	0.0471993	0.0393419	0.439741	-2.27407	0.348892	0.717243	-1.39423	0.522242	0.799708	-1.25046	0.0707454	0.498632	-2.00549	0.0463787	0.455507	-2.19536
cg21990316	HCG4P6	0.00285862	0.000945884	5.55736	5.55736	0.840856	1.07245	1.07245	0.0236632	2.55961	2.55961	0.207126	0.629484	-1.5886	0.0421115	0.442768	-2.25852
cg15070894	HCG4P6	0.00657456	0.00643139	4.85514	4.85514	0.010226	4.23474	4.23474	0.0164181	3.69634	3.69634	0.220461	1.77589	1.77589	0.143169	2.01664	2.01664
cg05019905	HCG4P6	0.00858561	0.00172956	17.5368	17.5368	0.873098	1.10787	1.10787	0.00683985	9.43967	9.43967	0.515257	0.655191	-1.52627	0.360048	0.547143	-1.82767
cg24091270	HCG4P6	0.0171337	0.0293748	12.7228	12.7228	0.960115	0.951639	-1.05082	0.621231	0.610372	-1.63834	0.0132158	0.0476219	-20.9987	0.108173	0.176002	-5.68175
cg04520169	HCG4P6	0.0180879	0.0198924	8.699	8.699	0.0142099	10.2572	10.2572	0.143676	3.35069	3.35069	0.180864	2.98447	2.98447	0.103682	3.93351	3.93351
cg10595298	HCG4P6	0.0257866	0.021231	1.45433	1.45433	0.708943	1.05201	1.05201	0.53087	0.917735	-1.08964	0.681879	0.94579	-1.05732	0.140108	1.23944	1.23944
cg23237314	HCG4P6	0.0296464	0.0451276	4.29298	4.29298	0.0185301	6.11034	6.11034	0.111509	3.00015	3.00015	0.307455	1.95347	1.95347	0.0218754	5.71742	5.71742
cg03876548	HCG4P6	0.0300482	0.0710072	0.388197	-2.57601	0.0611375	0.371594	-2.69111	0.0763215	0.396487	-2.52215	0.941131	0.965944	-1.03526	0.0030297	0.148656	-6.72695
cg15931205	HCG4P6	0.032842	0.0130446	23.6534	23.6534	0.512668	1.97786	1.97786	0.0109779	26.5251	26.5251	0.453887	0.456737	-2.18945	0.319637	0.347716	-2.87591
cg25644740	HCG4P6	0.0340904	0.0843559	2.49407	2.49407	0.0334809	3.28432	3.28432	0.122521	2.22781	2.22781	0.915139	1.05234	1.05234	0.374978	1.5463	1.5463
cg22025232	HCG4P6	0.0369676	0.00971072	49.5771	49.5771	?	?	?	0.061628	11.7519	11.7519	0.46112	0.421339	-2.37339	0.252042	0.250615	-3.99019
cg11010528	HCG4P6	0.0402828	0.0270302	12.2217	12.2217	0.264088	0.32855	-3.04368	0.0316611	11.1201	11.1201	0.236544	0.305476	-3.27358	0.592107	0.596224	-1.67722
cg18741404	HCG4P6	0.0423739	0.0417185	7.77818	7.77818	0.105384	4.69256	4.69256	0.0450542	7.46014	7.46014	0.118052	4.40618	4.40618	0.0412765	7.82328	7.82328
cg20464195	HCG4P6	0.0427949	0.0342947	4.76963	4.76963	0.37052	1.78921	1.78921	0.0190032	6.02886	6.02886	0.349416	1.83934	1.83934	0.0491908	4.13895	4.13895
cg09470907	HCG4P6	0.043461	0.0303113	0.394004	-2.53805	0.0282772	0.387799	-2.57866	0.0432888	0.427299	-2.34028	0.0456527	0.432491	-2.31219	0.101533	0.519057	-1.92657
cg10221391	HCG9	2.08E-05	0.0013853	1.52045	1.52045	7.16E-05	0.519968	-1.92319	1.96E-05	0.457181	-2.18732	0.00038674	1.66809	1.66809	0.00278757	0.688955	-1.45147
cg08072458	HCG9	0.000247248	0.0394064	1.31032	1.31032	0.804288	1.02856	1.02856	0.0273659	1.34454	1.34454	0.837906	0.977035	-1.0235	0.0628626	0.7887	-1.26791
cg26071631	HCG9	0.00142674	?	?	?	0.00362489	0.616783	-1.62132	0.0275681	0.726264	-1.37691	0.57855	0.933438	-1.07131	0.37287	1.11884	1.11884
cg27538003	HCG9	0.00189135	0.718431	1.05393	1.05393	0.00722891	0.604795	-1.65345	0.0322739	1.43871	1.43871	0.961913	0.993096	-1.00695	0.232326	0.833833	-1.19928
cg22659230	HCG9	0.00259884	0.502172	1.22024	1.22024	0.301773	0.731494	-1.36706	0.0730161	1.79388	1.79388	0.182091	0.66106	-1.51272	0.115995	0.606975	-1.64751
cg11329827	HCG9	0.0026038	0.0365661	3.44612	3.44612	0.065041	0.348186	-2.87203	0.0548392	0.329877	-3.03143	0.914055	1.05652	1.05652	0.518365	1.39579	1.39579
cg16368146	HCG9	0.00323567	0.0225473	3.62922	3.62922	0.00188569	7.99521	7.99521	0.0429492	3.00172	3.00172	0.26977	1.7199	1.7199	0.011552	4.43843	4.43843
cg24178134	HCG9	0.00414961	0.741956	0.896196	-1.11583	0.0553302	2.05543	2.05543	0.320908	0.711652	-1.40518	0.150016	1.66838	1.66838	0.720913	0.887823	-1.12635
cg03298834	HCG9	0.00419301	0.303547	0.692221	-1.44463	0.250842	0.660887	-1.51312	0.000885644	0.179148	-5.58197	0.0357044	0.430096	-2.32506	0.000950308	0.182606	-5.47628
cg11604379	HCG9	0.00542127	0.147237	1.27713	1.27713	0.744616	0.94989	-1.05275	0.0443217	0.695376	-1.43807	0.921143	0.984547	-1.0157	0.00242615	0.514783	-1.94257
cg19593490	HCG9	0.00686272	0.0178069	4.70366	4.70366	0.00174795	11.0002	11.0002	0.0120594	5.37889	5.37889	0.100055	2.63393	2.63393	0.0168605	4.79223	4.79223
cg21762601	HCG9	0.00865535	0.684242	0.954302	-1.04789	0.000847543	0.563349	-1.7751	0.0055275	1.51763	1.51763	0.89086	1.01583	1.01583	0.54455	0.932243	-1.07268
cg13299025	HCG9	0.0106799	0.58657	1.29989	1.29989	0.122638	2.22336	2.22336	0.102098	0.425447	-2.35047	0.993753	0.996267	-1.00375	0.930571	0.959232	-1.0425
cg26502127	HCG9	0.0137853	0.0296668	3.44021	3.44021	0.15686	2.07684	2.07684	0.00607929	5.63494	5.63494	0.219525	1.86487	1.86487	0.0410574	3.12012	3.12012
cg04109898	HCG9	0.0147703	0.0518584	15.6963	15.6963	0.00824432	67.0364	67.0364	0.016042	39.1761	39.1761	0.157108	6.57424	6.57424	0.0257432	27.0091	27.0091
cg04623837	HCG9	0.0162126	0.0516762	8.61241	8.61241	0.00233526	62.2805	62.2805	0.0215528	14.6385	14.6385	0.338232	2.61129	2.61129	0.0473891	9.07466	9.07466
cg06710082	HCG9	0.0203574	0.0455571	11.7806	11.7806	0.00498785	54.4714	54.4714	0.0250486	17.593	17.593	0.197704	4.32609	4.32609	0.024026	18.0952	18.0952
cg23244913	HCG9	0.020653	0.0649744	6.82204	6.82204	0.0034537	39.6137	39.6137	0.0302131	10.6049	10.6049	0.201781	3.48675	3.48675	0.0328496	10.1043	10.1043
cg01260810	HCG9	0.0214301	0.0830347	1.79436	1.79436	0.171602	1.55793	1.55793	0.00620456	2.96548	2.96548	0.205608	1.50197	1.50197	0.698315	1.12598	1.12598
cg07341932	HCG9	0.023357	0.29063	0.779595	-1.28272	0.169158	1.39454	1.39454	0.171227	0.718385	-1.39201	0.0537109	0.608146	-1.64434	0.820504	1.05295	1.05295
cg14301212	HCG9	0.0272412	0.0792931	3.14809	3.14809	0.00679521	7.88345	7.88345	0.079044	3.15173	3.15173	0.129649	2.62173	2.62173	0.0549847	3.6003	3.6003
cg17093638	HCG9	0.027475	0.902853	1.01958	1.01958	0.00699579	0.574715	-1.73999	0.307031	1.18284	1.18284	0.00491646	0.553386	-1.80706	0.124028	0.767591	-1.30278
cg20990400	HCG9	0.0281025	0.434734	1.65428	1.65428	0.115335	2.94833	2.94833	0.154389	0.381805	-2.61914	0.683074	1.29597	1.29597	0.810539	1.16379	1.16379
cg17639394	HCG9	0.0288693	0.054496	23.6473	23.6473	0.00861746	128.643	128.643	0.0232657	51.0273	51.0273	0.170211	8.31473	8.31473	0.039412	31.6603	31.6603
cg06438195	HCG9	0.0316636	0.0335937	1.9076	1.9076	0.462807	1.21466	1.21466	0.195899	0.700574	-1.4274	0.390299	0.795298	-1.25739	0.647519	1.12724	1.12724
cg03768847	HCG9	0.0356993	0.363169	1.48255	1.48255	0.0132652	0.274418	-3.64408	0.440519	0.717902	-1.39295	0.945248	1.02936	1.02936	0.946756	1.02854	1.02854
cg22407123	HCG9	0.0357191	0.14216	0.526763	-1.89839	0.0478111	2.50731	2.50731	0.959765	0.979715	-1.0207	0.624872	0.818584	-1.22162	0.600214	0.80669	-1.23963
cg18609120	HCG9	0.0372244	0.32807	0.704666	-1.41911	0.182733	0.612468	-1.63274	0.0178301	0.368385	-2.71455	0.347951	0.71529	-1.39803	0.0236976	0.392059	-2.55064
cg13180974	HCG9	0.0380235	0.0583418	1.56373	1.56373	0.533914	1.14072	1.14072	0.260303	0.782405	-1.27811	0.880266	0.96899	-1.032	0.413417	0.839669	-1.19094
cg13115683	HCG9	0.0430309	0.0703164	19.8328	19.8328	0.0141139	87.6258	87.6258	0.0325711	40.1982	40.1982	0.185492	7.95037	7.95037	0.039856	33.3929	33.3929
cg07370894	HCG9	0.043232	0.02624	1.78421	1.78421	0.0792836	1.52683	1.52683	?	?	?	0.455628	1.17686	1.17686	0.700827	0.920752	-1.08607
cg00599564	HCG9	0.0443206	0.364363	2.06369	2.06369	0.00940473	12.9227	12.9227	0.0463465	5.89346	5.89346	0.174876	3.06961	3.06961	0.548067	1.60388	1.60388
cg15935070	HCG9	0.0444049	0.0430383	3.46074	3.46074	0.00879467	5.92448	5.92448	0.128357	2.40243	2.40243	0.184479	2.1183	2.1183	0.0567044	3.15872	3.15872
cg09796376	HCK	0.000330848	0.164198	0.81502	-1.22696	0.0307277	0.704886	-1.41867	0.0448754	0.728149	-1.37334	0.0663633	1.3281	1.3281	4.32E-06	0.231881	-4.31256
cg23496571	HCK	0.00058884	0.000341731	0.0911398	-10.9721	0.000515674	0.10534	-9.49307	0.0067849	0.232912	-4.29346	0.150114	0.52691	-1.89786	0.000268315	0.0834662	-11.9809
cg13042543	HCK	0.00193065	0.497919	0.932047	-1.07291	0.925234	1.00965	1.00965	0.000440919	1.76405	1.76405	0.0945297	0.82865	-1.20678	0.291648	1.11841	1.11841
cg17326769	HCK	0.00333274	0.511581	0.724888	-1.37952	0.189326	0.510705	-1.95808	0.00721243	0.187152	-5.34326	0.257328	1.77057	1.77057	0.194458	0.515118	-1.9413
cg03414321	HCK	0.0115796	?	?	?	?	?	?	0.724169	1.33654	1.33654	0.445131	1.89129	1.89129	0.577015	1.58615	1.58615
cg06614284	HCK	0.0132627	0.0362178	0.245505	-4.07323	0.00122696	0.0654376	-15.2817	0.0536535	0.282621	-3.53831	0.153582	0.414323	-2.41357	0.210202	0.466982	-2.14141
cg04718428	HCK	0.017515	0.656812	1.16133	1.16133	0.29446	1.4386	1.4386	0.357228	1.37256	1.37256	0.175702	1.6186	1.6186	0.100545	1.82513	1.82513
cg17508991	HCK	0.0183812	0.2138	0.559055	-1.78873	0.0343095	0.333914	-2.99478	0.142913	0.496839	-2.01272	0.518066	0.747446	-1.33789	0.83981	0.914013	-1.09408
cg24606935	HCK;HCK	6.28E-06	0.122264	0.815791	-1.2258	0.912735	0.986762	-1.01342	0.0123985	1.45993	1.45993	0.00529595	0.639666	-1.56332	3.96E-06	0.271456	-3.68384
cg08623947	HCK;HCK	0.0323297	0.414113	1.1501	1.1501	0.561798	0.906411	-1.10325	0.00389177	1.91774	1.91774	0.919466	1.01708	1.01708	0.501974	0.892131	-1.12091
cg01364833	HCLS1	9.87E-07	0.10779	0.831161	-1.20314	0.0143421	1.37456	1.37456	0.834572	0.978204	-1.02228	1.79E-06	0.285145	-3.50698	7.58E-07	0.245685	-4.07026
cg11256445	HCLS1	1.87E-05	0.360169	0.853398	-1.17179	0.00588384	0.544796	-1.83555	0.00398374	0.520838	-1.91998	0.000134647	0.328119	-3.04767	5.42E-07	0.0959185	-10.4255
cg15458222	HCLS1	0.0101824	0.69864	1.09361	1.09361	0.382579	0.813868	-1.2287	0.0265947	0.546356	-1.83031	0.00324988	0.397283	-2.5171	0.0013779	0.343965	-2.90727
cg02167021	HCLS1	0.0371477	0.840009	1.10613	1.10613	0.797736	0.87972	-1.13672	0.0595028	0.34598	-2.89034	0.0425629	0.311858	-3.20658	0.00274846	0.127195	-7.86197
cg18546037	HCLS1	0.0384997	0.0408408	0.151276	-6.61042	0.0258104	0.120322	-8.311	0.297873	0.42175	-2.37107	0.609866	0.662512	-1.50941	0.014423	0.0896045	-11.1602
cg05539745	HCN1	9.46E-07	5.65E-07	32.8769	32.8769	2.44E-05	8.34197	8.34197	0.00940872	2.2955	2.2955	0.433327	1.22362	1.22362	0.657129	0.893363	-1.11937
cg19697475	HCN1	2.79E-06	5.03E-06	11.2766	11.2766	0.142601	1.44396	1.44396	0.458424	0.838616	-1.19244	0.314207	1.2746	1.2746	0.789507	1.06436	1.06436
cg11285003	HCN1	4.09E-06	0.000201764	2.97696	2.97696	0.0715227	1.422	1.422	6.83E-05	3.57593	3.57593	0.0216727	1.61972	1.61972	0.114831	0.740833	-1.34983
cg04259977	HCN1	5.09E-05	0.831454	1.03648	1.03648	0.0185233	1.61617	1.61617	0.568592	1.10171	1.10171	0.69975	1.06731	1.06731	0.245654	0.815372	-1.22643
cg18273840	HCN1	9.28E-05	5.62E-05	54.2553	54.2553	0.000189474	28.7241	28.7241	0.707471	1.22278	1.22278	0.0131047	5.16358	5.16358	0.0461959	0.295614	-3.38279
cg27619840	HCN1	0.000408138	9.94E-05	0.108011	-9.25829	0.000525474	0.175322	-5.7038	0.00382148	0.284597	-3.51375	0.914406	0.965948	-1.03525	0.000313541	0.152192	-6.57064
cg21148923	HCN1	0.000772662	0.00036514	0.0442839	-22.5816	0.000526218	0.0524008	-19.0837	0.0011393	0.0733845	-13.6269	0.144656	0.425188	-2.3519	0.033265	0.257097	-3.88959
cg06498267	HCN1	0.00376841	0.000842445	13.5583	13.5583	0.016034	4.62044	4.62044	0.234879	1.90881	1.90881	0.0241934	4.03658	4.03658	0.70493	0.820753	-1.21839
cg18789958	HCN1	0.00442022	0.000663756	4.10795	4.10795	0.0145798	2.26045	2.26045	0.755631	1.08832	1.08832	0.991003	1.00306	1.00306	0.860109	0.953304	-1.04898
cg23037386	HCN1	0.00756824	0.0369999	3.01713	3.01713	0.00213223	7.15316	7.15316	0.139421	2.06508	2.06508	0.972711	0.984525	-1.01572	0.548844	0.758384	-1.31859
cg15547734	HCN1	0.00961824	0.0265582	0.162973	-6.136	0.000906135	0.0325467	-30.7251	0.0454806	0.205372	-4.86922	0.0615207	0.233762	-4.27785	0.105915	0.295622	-3.3827
cg21935402	HCN1	0.010313	0.0039911	0.222805	-4.48824	0.00136232	0.164697	-6.07175	0.00505358	0.237294	-4.21419	0.230764	0.613987	-1.6287	0.221191	0.607157	-1.64702
cg25609393	HCN1	0.0113363	0.0174417	0.163325	-6.12277	0.00368706	0.0856571	-11.6745	0.00908784	0.125502	-7.96798	0.138122	0.368015	-2.71728	0.20217	0.430361	-2.32363
cg07254032	HCN1	0.0157321	0.00780829	4.78606	4.78606	0.00708342	4.93031	4.93031	0.102828	2.26661	2.26661	0.335231	1.57715	1.57715	0.840373	0.911682	-1.09687
cg14517119	HCN1	0.0159692	0.0485845	0.252502	-3.96036	0.00199997	0.0695969	-14.3684	0.0287817	0.206932	-4.83251	0.180415	0.419389	-2.38442	0.0684767	0.287649	-3.47646
cg15339960	HCN1	0.0208904	0.298751	0.49615	-2.01552	0.0224316	0.168674	-5.92859	0.0225553	0.169055	-5.91525	0.855367	0.888042	-1.12607	0.846506	1.13441	1.13441
cg24094412	HCN1	0.0256564	0.00487367	0.434156	-2.30332	0.724349	0.923895	-1.08237	0.0380797	0.584213	-1.71171	0.72407	1.08247	1.08247	0.2324	0.755804	-1.32309
cg07405810	HCN1	0.0258719	0.00921278	0.233212	-4.28794	0.0107314	0.243677	-4.10379	0.0194969	0.288407	-3.46732	0.117366	0.472833	-2.11491	0.323957	0.638518	-1.56613
cg14979674	HCN1	0.0495694	0.0120224	0.0944569	-10.5868	0.00788884	0.0767489	-13.0295	0.0456979	0.178051	-5.61636	0.137927	0.300191	-3.33121	0.162103	0.324842	-3.07842
cg05201970	HCN1;HCN1	0.000860821	0.000718691	19.0012	19.0012	0.00119729	15.1089	15.1089	0.0315225	4.23137	4.23137	0.811359	1.14656	1.14656	0.433464	0.633058	-1.57963
cg00587228	HCN2	4.78E-05	0.474802	1.05957	1.05957	0.655153	1.03643	1.03643	0.00175252	1.42624	1.42624	0.000292367	0.625012	-1.59997	0.753385	0.975221	-1.02541
cg01203535	HCN2	0.000304474	0.652709	1.07072	1.07072	0.457136	1.121	1.121	0.037262	1.44008	1.44008	0.443641	1.12503	1.12503	0.349342	0.864743	-1.15641
cg01284619	HCN2	0.000593983	0.0069481	0.504213	-1.98329	0.00019248	3.42487	3.42487	0.547702	0.887559	-1.12669	0.0177322	1.76009	1.76009	0.0964296	0.699166	-1.43028
cg26238771	HCN2	0.00224129	0.605751	1.07392	1.07392	0.0609762	1.33542	1.33542	0.608338	1.07336	1.07336	0.0209134	1.46324	1.46324	0.128946	0.798734	-1.25198

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13375758	0.00840917	0.641586	-1.55864	0.158586	0.819786	-1.21983	0.455832	1.10533	1.10533	0.00433568	1.65317	1.65317	6.58064	1.81202	0.244761	1
cg18918396	0.0396914	1.26195	1.26195	0.846673	0.981241	-1.01912	0.0339362	0.784904	-1.27404	0.00636363	1.41537	1.41537	6.27564	0.951058	0.134709	1
cg12555879	0.998336	1.00045	1.00045	0.149836	0.716308	-1.39605	0.000564608	3.17348	3.17348	0.00214381	2.53888	2.53888	6.21034	4.59316	0.657421	1
cg10168930	0.757724	0.964826	-1.03646	0.000813856	0.557537	-1.7936	0.053321	1.28922	1.28922	0.0612696	0.783453	-1.2764	6.10416	1.29476	0.188543	1
cg12771717	0.0185405	0.32965	-3.03352	0.0132692	0.303396	-3.29603	0.31004	1.50419	1.50419	0.372358	0.700509	-1.42753	4.56314	10.9164	2.12649	1
cg17553885	0.75045	1.04153	1.04153	0.30623	0.873641	-1.14463	0.922588	1.01247	1.01247	0.994782	1.00083	1.00083	4.49938	1.15878	0.228925	1
cg17557540	0.642451	0.823227	-1.21473	0.0300838	0.345986	-2.89029	0.992268	0.995977	-1.00404	0.0255678	0.331645	-3.01527	4.05804	11.1249	2.43685	1
cg15562022	0.117508	2.52651	2.52651	0.470242	0.67	-1.49254	0.021378	4.51572	4.51572	0.079741	2.88667	2.88667	3.89883	18.3526	4.18417	1
cg14695524	0.386507	0.437325	-2.28663	0.0038461	0.0265318	-37.6907	0.781464	0.771744	-1.29577	0.827789	1.22505	1.22505	3.80878	52.3649	12.2209	1
cg11524593	0.0682822	1.35455	1.35455	0.00274869	0.54102	-1.84836	0.507122	0.904795	-1.10522	0.105621	1.30057	1.30057	3.75967	1.31593	0.311121	1
cg13502540	0.0481256	0.487148	-2.05276	0.415117	0.767039	-1.30371	0.760422	1.10228	1.10228	0.0148905	0.385366	-2.59493	3.71392	5.96292	1.42716	1
cg10473907	0.794251	1.12257	1.12257	0.436009	0.702915	-1.42265	0.0626873	2.56922	2.56922	0.596446	1.26701	1.26701	4.01183	12.1649	2.35841	1
cg05699123	0.0567536	0.556274	-1.79767	0.0116872	0.424453	-2.35597	0.542533	0.84564	-1.18254	0.0949833	0.607122	-1.64712	3.57606	4.18962	1.0414	1
cg18423635	0.0015701	0.482239	-2.07366	0.022149	0.643727	-1.55345	0.00852577	0.583302	-1.71438	0.219668	0.812805	-1.23031	23.085	9.42826	0.363036	1
cg03045133	0.0206234	1.50659	1.50659	0.00395458	1.76794	1.76794	0.682713	0.941371	-1.06228	0.261041	0.841711	-1.18806	13.049	4.46631	0.304243	1
cg24179288	0.0059508	0.170224	-5.87461	0.00745325	0.183335	-5.45449	0.0870063	0.394377	-2.53564	0.0549398	0.34247	-2.91996	6.0078	23.0627	3.41226	1
cg24126931	0.157606	0.53481	-1.86982	0.0124923	0.276062	-3.62237	0.257304	1.63172	1.63172	0.0800208	0.447331	-2.23548	4.42268	12.0154	2.4149	1
cg16494625	0.119724	0.546153	-1.83099	0.480738	1.29279	1.29279	0.75168	0.892492	-1.12046	0.407178	0.738016	-1.35498	4.22468	8.58924	1.80721	1
cg25107289	3.03E-05	0.382503	-2.61436	2.50E-06	0.261073	-3.83034	1.08E-06	4.48122	4.48122	0.386139	1.11038	1.11038	66.3648	14.5979	0.195524	1
cg00757933	0.000185212	0.442414	-2.26033	1.72E-05	0.320476	-3.12036	2.21E-07	7.51784	7.51784	0.266171	0.861021	-1.16141	63.1084	16.672	0.234828	1
cg00501272	0.0782184	0.757067	-1.32089	0.0109195	0.634805	-1.57529	8.66E-08	12.2384	12.2384	0.701297	0.946656	-1.05635	44.6538	14.3086	0.284829	1
cg13688808	0.44558	0.905683	-1.10414	0.00518171	0.624905	-1.60024	9.33E-08	9.22735	9.22735	0.379419	0.891472	-1.12174	44.4579	11.4289	0.22851	1
cg23849169	0.00359656	0.644018	-1.55275	0.000194044	0.496577	-2.01379	7.24E-07	4.4618	4.4618	0.0577293	0.787013	-1.27063	36.7604	7.25354	0.175395	1
cg12154624	0.0811378	0.843151	-1.18603	7.50E-05	0.530329	-1.88562	3.16E-06	2.65151	2.65151	0.749221	1.0287	1.0287	33.4961	4.12981	0.109593	1
cg09112760	0.596786	1.03412	1.03412	8.60E-06	0.544445	-1.83673	?	?	?	0.000382884	0.700269	-1.42802	31.6009	1.75677	0.0555925	1
cg13497563	0.489602	1.07957	1.07957	0.000686509	0.568032	-1.76046	4.35E-06	3.17596	3.17596	0.0124495	1.4039	1.4039	22.4573	4.23251	0.167528	1
cg21039495	0.00347921	0.504221	-1.98326	0.349694	0.846853	-1.18084	1.87E-05	4.50072	4.50072	0.0647	1.43087	1.43087	17.8787	8.44296	0.419764	1
cg17394649	0.84798	0.903383	-1.10695	0.005121	0.141131	-7.08561	1.23E-05	131.857	131.857	0.0512186	0.308684	-3.23956	16.7875	74.5294	3.9463	1
cg17068675	0.0388604	0.735866	-1.35894	0.00664492	0.636534	-1.57101	0.000222199	0.454544	-2.20001	0.0185602	0.693442	-1.44208	15.8651	4.13241	0.231531	1
cg16787652	0.179474	0.626221	-1.59688	0.205415	0.644977	-1.55044	9.40E-05	9.82878	9.82878	0.822348	1.07661	1.07661	15.1096	25.7868	1.51702	1
cg07457785	0.941406	1.01257	1.01257	0.58484	0.910505	-1.09829	1.35E-05	4.69959	4.69959	0.436544	1.14441	1.14441	13.1813	6.02907	0.406573	1
cg11753155	0.844984	0.914246	-1.0938	0.272993	0.593024	-1.68627	8.97E-06	81.964	81.964	0.380493	0.662321	-1.50984	12.7308	42.294	2.95306	1
cg05907976	0.0529769	1.78065	1.78065	0.0022791	3.06342	3.06342	0.00263404	2.98068	2.98068	0.00832371	2.42264	2.42264	12.4352	13.5569	0.969065	1
cg20387069	0.10405	0.681971	-1.46634	0.00143171	0.370441	-2.69949	0.000203873	3.82269	3.82269	0.210416	1.32874	1.32874	11.6182	8.53488	0.652992	1
cg20912517	0.00235669	0.386035	-2.59044	0.0218592	0.539445	-1.85376	0.622311	0.894596	-1.11782	0.57711	0.881285	-1.13471	11.0654	8.81995	0.70851	1
cg08696107	0.571781	1.27487	1.27487	0.170255	0.537538	-1.86033	0.000897748	8.26976	8.26976	0.311291	0.640686	-1.56083	10.8796	31.1246	2.54295	1
cg08560874	0.780013	0.882488	-1.13316	0.0646859	0.395964	-2.52548	0.000580905	10.7561	10.7561	0.209095	0.553707	-1.80601	10.7161	33.8305	2.80619	1
cg13643180	0.0122486	0.386749	-2.58566	0.000500617	0.190667	-5.24474	0.00398759	0.30781	-3.24876	0.0214497	0.431186	-2.31919	10.531	15.4581	1.30478	1
cg22053721	0.0134586	1.37397	1.37397	0.00128577	1.62781	1.62781	0.426927	0.919223	-1.08788	0.16828	0.858601	-1.16468	8.43709	1.44064	0.151779	1
cg13321114	0.25527	1.45746	1.45746	0.00247245	3.79878	3.79878	0.00048197	5.67761	5.67761	0.0162245	2.54083	2.54083	8.18428	13.0387	1.41612	1
cg17670496	0.910118	0.9393	-1.06462	0.329274	0.572178	-1.74771	0.00048825	20.6992	20.6992	0.220769	2.04177	2.04177	7.67442	37.3734	4.32877	1
cg14443519	0.54182	0.805399	-1.24162	0.0309781	0.411651	-2.42924	0.000115354	10.6921	10.6921	0.963024	1.01638	1.01638	7.34126	14.2787	1.72888	1
cg00030176	0.812086	0.964828	-1.03645	0.199756	0.815739	-1.22588	0.00207952	1.9185	1.9185	0.423136	1.13088	1.13088	6.18166	2.21284	0.318195	1
cg24621922	0.203423	1.61786	1.61786	0.00956116	3.2414	3.2414	0.000933728	5.87266	5.87266	0.894665	1.04862	1.04862	5.89228	11.9853	1.80806	1
cg13143120	0.346607	0.72592	-1.37756	0.0233997	2.44761	2.44761	0.00186438	4.30072	4.30072	0.0344275	2.25988	2.25988	5.59384	9.67668	1.53767	1
cg11278602	0.163475	1.20363	1.20363	0.570746	0.931087	-1.07401	0.0014834	1.77056	1.77056	0.391583	1.1156	1.1156	5.2588	1.29351	0.218641	1
cg17512365	0.640578	1.15949	1.15949	0.397646	0.761435	-1.31331	0.00398324	3.38123	3.38123	0.0827112	1.83078	1.83078	5.24557	8.22783	1.39425	1
cg22903300	0.877064	0.970703	-1.03018	0.0809349	0.689544	-1.45023	0.00222949	2.27664	2.27664	0.500102	0.876798	-1.14051	4.85681	2.83808	0.519422	1
cg11901272	0.60478	0.942721	-1.06076	0.011149	0.698079	-1.4325	0.00403781	1.54695	1.54695	0.442138	0.915265	-1.09258	4.8243	0.975253	0.179693	1
cg23961091	0.817486	0.938756	-1.06524	0.630239	0.875807	-1.1418	0.885741	0.961453	-1.04009	0.240389	0.714586	-1.39941	4.79636	5.67788	1.05226	1
cg05216332	0.62844	1.07574	1.07574	0.0347301	0.69175	-1.44561	0.00120501	2.03393	2.03393	0.0623335	1.36905	1.36905	4.77308	1.69447	0.31556	1
cg08867464	0.00229289	0.0909092	-11	0.330182	0.56822	-1.75988	0.0256921	4.4396	4.4396	0.170619	2.27237	2.27237	4.4089	22.0961	4.45483	1
cg05973840	0.401843	0.725577	-1.37821	0.00431397	4.16472	4.16472	0.0628197	2.18716	2.18716	0.178095	1.70741	1.70741	3.75869	8.32092	1.96781	1
cg11232276	0.170782	0.498117	-2.00756	0.36387	0.640268	-1.56185	0.00324247	6.81043	6.81043	0.0744755	2.5845	2.5845	3.56492	12.8906	3.21419	1
cg11973623	0.0323037	0.421537	-2.37227	0.0362656	0.432134	-2.3141	0.0519991	2.14228	2.14228	0.352821	0.719294	-1.39025	3.46289	6.51366	1.67199	1
cg21990316	0.242105	0.653149	-1.53105	0.526483	1.25018	1.25018	0.746417	1.1195	1.1195	0.000478594	6.73266	6.73266	8.68155	16.6434	1.70408	1
cg15070894	0.00396355	5.62531	5.62531	0.000637898	10.3591	10.3591	0.0160894	3.71763	3.71763	0.112008	2.16299	2.16299	6.74545	21.232	2.79787	1
cg05019905	0.963478	1.02978	1.02978	0.656814	1.33186	1.33186	0.295029	2.00562	2.00562	0.00144024	19.1459	19.1459	6.20433	40.3558	5.78174	1
cg24091270	0.617024	0.606685	-1.6483	0.431873	2.21471	2.21471	0.450662	2.14221	2.14221	0.00268736	61.0639	61.0639	4.95648	77.126	13.8317	1
cg04520169	0.0375998	6.40066	6.40066	0.00169695	31.5221	31.5221	0.00917164	12.7621	12.7621	0.0510722	5.52897	5.52897	4.86715	45.6579	8.33852	1
cg10595298	0.520008	1.0922	1.0922	0.000808258	1.98067	1.98067	0.363175	1.13471	1.13471	0.567371	0.924801	-1.08131	4.31046	1.24846	0.257453	1
cg23237314	0.0720848	3.56955	3.56955	0.00462603	10.8931	10.8931	0.0153139	6.59868	6.59868	0.0450952	4.29419	4.29419	4.10406	26.1121	5.65555	1
cg03876548	0.581726	0.770269	-1.29825	0.014155	0.241651	-4.1382	0.624955	0.793634	-1.26003	0.0142673	0.242226	-4.12837	4.0845	14.2378	3.09851	1
cg15931205	0.493675	2.04212	2.04212	0.197293	4.05512	4.05512	0.29563	3.04649	3.04649	0.00634076	38.4869	38.4869	3.95687	66.1189	14.8533	1
cg25644740	0.0230485	3.67288	3.67288	0.00226615	7.72512	7.72512	0.0259645	3.54373	3.54373	0.231015	1.82468	1.82468	3.9041	14.167	3.22556	1
cg22025232	0.782227	0.727277	-1.37499	0.174871	5.33105	5.33105	0.49357	2.22693	2.22693	0.00884274	53.5729	53.5729	4.20984	76.5705	15.9149	1
cg11010528	0.39235	2.31148	2.31148	0.554602	1.7709	1.7709	0.0879664	6.05264	6.05264	0.00844715	24.9161	24.9161	3.67359	53.1931	12.871	1
cg18741404	0.091926	5.05953	5.05953	0.0051431	25.2575	25.2575	0.0246419	10.3637	10.3637	0.0443637	7.52292	7.52292	3.60545	43.602	10.7496	1
cg20464195	0.0687916	3.62751	3.62751	0.00504972	10.4418	10.4418	0.0415857	4.42126	4.42126	0.0651268	3.7066	3.7066	3.59223	22.7718	5.63482	1
cg09470907	0.0527243	0.446871	-2.23778	0.0432883	0.427298	-2.34029	0.0168772	0.344301	-2.90444	0.0212989	0.363368	-2.75203	3.57164	7.56825	1.88354	1
cg10221391	0.0160002	1.30544	1.30544	4.06E-05	0.49265	-2.02984	0.811051	0.978586	-1.02188	0.291509	0.905809	-1.10399	33.5206	4.33694	0.115006	1
cg08072458	0.31078	1.12631	1.12631	0.294675	0.884026	-1.13119	3.60E-05	2.46786	2.46786	2.54E-05	2.57954	2.57954	17.3422	3.53328	0.181101	1
cg26071631	0.465627	1.09543	1.09543	8.65E-05	2.37455	2.37455	0.842666	0.975901	-1.02469	0.899178	0.984561	-1.01568	10.8794	2.30777	0.212124	1
cg27538003	0.043532	1.40038	1.40038	8.97E-05	0.361731	-2.76448	0.059715	0.734722	-1.36106	0.567573	0.919592	-1.08744	9.79991	3.2669	0.29632	1
cg22659230	0.0445615	0.509613	-1.96227	0.0221703	0.448669	-2.22882	0.356622	1.31929	1.31929	0.000134647	6.908	6.908	8.92946	12.0793	1.20244	1
cg11329827	0.694331	1.2228	1.2228	0.403442	1.5456	1.5456	0.00050564	15.927	15.927	0.000548054	15.3948	15.3948	8.92444	36.6581	3.65121	1
cg16368146	0.0167805	3.96383	3.96383	0.00024199	17.5468	17.5468	0.00363441	6.40287	6.40287	0.0247602	3.52986	3.52986	8.36777	29.5079	3.13456	1
cg24178134	0.596691	1.19379	1.19379	0.739586	0.895254	-1.117	0.000442266	6.29664	6.29664	0.000529028	5.9917	5.9917	7.76597	13.5318	1.54884	1
cg03298834	0.473109	0.777336	-1.28645	0.00255774	0.235931	-4.23852	0.0104241	0.328484	-3.04429	0.0107016	0.33043	-3.02636	7.7416	14.6098	1.67749	1
cg11604379	0.195258	0.806175	-1.24043	0.00222503	0.509734	-1.96181	0.0139384	1.61236	1.61236	0.203674	1.23493	1.23493	7.15916	2.8048	0.348247	1
cg19593490	0.0827339	2.8086	2.8086	0.00209736	10.2352	10.2352	0.00487491	7.4314	7.4314	0.0181693	4.67146	4.67146	6.65607	30.4497	4.06643	1
cg21762601	0.896263	1.01504	1.01504	0.34989	0.895761	-1.11637	0.722839	1.04158	1.04158	0.0258533	1.35349	1.35349	6.18847	1.28274	0.184248	1
cg13299025	0.577374	0.764238	-1.30849	0.317358	0.610365	-1.63836	0.000236428	18.3554	18.3554	0.296463	1.67709	1.67709	5.78726	20.911	3.21181	1
cg26502127	0.203604	1.91112	1.91112	0.00131847	9.54219	9.54219	0.00574584	5.73943	5.73943	0.0641994	2.72872	2.72872	5.32686	19.655	3.27982	1
cg04109898	0.0534508	15.3337	15.3337	0.00318551	150.265	150.265	0.00997003	57.391	57.391	0.0154449	40.3742	40.3742	5.20718	127.736	21.8051	1
cg04623837	0.0511369	8.66712	8.66712	0.00434754	40.647	40.647	0.0159907	17.595	17.595	0.0625231	7.67594	7.67594	5.04876	75.5897	13.3084	1
cg06710082	0.069721	8.8635	8.8635	0.00420284	61.8198	61.8198	0.0223998	18.9736	18.9736	0.0568979	10.155	10.155	4.67631	85.7029	16.2907	1
cg23244913	0.0429157	8.66171	8.66171	0.00630814	27.008	27.008	0.0175569	14.5527	14.5527	0.0536116	7.62078	7.62078	4.6534	63.2772	12.0872	1
cg01260810	0.259149	1.43136	1.43136	0.00161851	3.96142	3.96142	0.0143441	2.50837	2.50837	0.0513833	1.96542	1.96542	4.59508	6.7536	1.30644	1
cg07341932	0.146738	0.702155	-1.42419	0.470661	0.846527	-1.1813	0.0015919	2.79759	2.79759	0.711154	1.08811	1.08811	4.46109	3.64178	0.725639	1
cg14301212	0.0240709	4.87419	4.87419	0.0101853	6.73596	6.73596	0.0147518	5.85088	5.85088	0.0260494	4.73408	4.73408	4.22845	23.2085	4.8788	1
cg17093638	0.889936	1.02223	1.02223	0.647036	0.929406	-1.07596	0.712732	1.06048	1.06048	0.0203546	0.641441	-1.55899	4.21577	1.68368	0.355001	1
cg20990400	0.991633	1.00664	1.00664	0.159282	0.386738	-2.58573	0.00086711	23.493	23.493	0.659411	1.32329	1.32329	4.18239	26.4226	5.61561	1
cg17639394	0.0450064	28.0925	28.0925	0.00760097	145.094	145.094	0.0275673	43.7331	43.7331	0.0481919	26.4151	26.4151	4.14284	137.947	29.5978	1
cg06438195	0.610461	0.874876	-1.14302	0.0927862	0.61803	-1.61805	0.00269539	2.94114	2.94114	0.319716	1.30674	1.30674	4.009	4.29834	0.953043	1
cg03768847	0.00443722	0.201978	-4.95103	0.160993	0.532152	-1.87916	0.116791	2.05022	2.05022	0.48008	1.35318	1.35318	3.83951	10.7951	2.49919	1
cg22407123	0.249854	0.613545	-1.62987	0.374199	0.690369	-1.4485	0.00456807	4.63702	4.63702	0.0458325	2.53418	2.53418	3.83874	10.0322	2.32304	1
cg18609120	0.468834	1.29116	1.29116	0.00675323	0.295948	-3.37897	0.0145831	0.352373	-2.8379	0.244946	0.655919	-1.52458	3.78151	7.20033	1.69252	1
cg13180974	0.322194	0.807572	-1.23828	0.0948251	0.681358	-1.46766	0.00281087	2.36376	2.36376	0.49369	1.15634	1.15634	3.75229	2.59557	0.614871	1
cg13115683	0.0784777	17.9237	17.9237	0.0113823	107.543	107.543	0.0315029	41.4515	41.4515	0.053058	25.6866	25.6866	3.58489	123.801	30.6969	1
cg07370894	0.0876861	1.50548	1.50548	0.202036	1.33684	1.33684	0.00344375	2.44162	2.44162	0.0592121	1.59038	1.59038	3.95394	2.48884	0.550777	1
cg00599564	0.0973106	4.11341	4.11341	0.00961068	12.781	12.781	0.0166524	9.70212	9.70212	0.0630609	5.07917	5.07917	3.54564	33.9251	8.50499	1
cg15935070	0.0157546	4.84426	4.84426	0.0378151	3.61234	3.61234	0.0202085	4.45271	4.45271	0.286935	1.80333	1.80333	3.54313	15.9564	4.00309	1
cg09796376	0.118738	0.791868	-1.26284	0.162235	0.814137	-1.22829	0.623941	0.934173	-1.07046	0.173231	1.22104	1.22104	16.0148	4.81646	0.267334	1
cg23496571	0.00114223	0.137171	-7.29015	0.000401364	0.0965159	-10.361	0.00559792	0.220725	-4.53051	0.0206712	0.314341	-3.18125	13.6552	37.3031	2.42826	1
cg13042543	0.00576291	0.690707	-1.44779	0.121454	0.842216	-1.18734	0.00450008	1.47298	1.47298	0.0117128	1.38002	1.38002	9.74147	1.61376	0.147252	1
cg17326769	0.351623	0.629225	-1.58926	0.000904005	0.0907535	-11.0189	0.0636252	2.73955	2.73955	0.00271974	7.39412	7.39412	8.29432	30.6811	3.28805	1
cg03414321	?	?	?	0.164664	3.36592	3.36592	0.000419121	97.406	97.406	0.463797	0.543085	-1.84133	6.06917	42.9526	9.43625	1
cg06614284	0.0227386	0.207574	-4.81755	0.00220074	0.0841324	-11.886	0.061621	0.296997	-3.36704	0.0909605	0.341718	-2.92639	5.39475	28.4136	4.68168	1
cg04718428	0.725214	0.888669	-1.12528	0.0334599	0.435602	-2.29567	0.00064435	5.76149	5.76149	0.55548	1.22072	1.22072	4.92005	8.71641	1.57476	1
cg17508991	0.0819241	0.424719	-2.3545	0.228601	0.570447	-1.75301	0.0027527	6.26665	6.26665	0.065658	2.5035	2.5035	4.84086	15.1304	2.77828	1
cg24606935	0.000201822	0.468589	-2.13407	0.00780452	1.51464	1.51464	1.46E-06	4.42126	4.42126	0.0247315	1.38407	1.38407	45.7616	10.7107	0.208049	1
cg08623947	0.681173	0.933138	-1.07165	0.47243	0.884773	-1.13023	0.00379537	1.92335	1.92335	0.884399	1.02467	1.02467	3.97925	1.76836	0.395018	1
cg01364833	0.0825491	0.81658	-1.22462	6.09E-08	0.143619	-6.96287	0.0124417	0.720531	-1.38786	0.000282726	0.53514	-1.86867	73.5693	12.939	0.156334	1
cg11256445	0.00152642	0.463529	-2.15736	3.63E-05	0.261664	-3.8217	0.509824	1.11926	1.11926	0.000421438	0.389973	-2.56428	34.4855	15.5096	0.39977	1
cg15458222	0.137085	0.691883	-1.44533	0.0879535	0.648477	-1.54207	0.0859379	1.54724	1.54724	0.548421	0.869642	-1.1499	5.87653	4.92372	0.744767	1
cg02167021	0.68157	1.2286	1.2286	0.182458	0.493586	-2.02599	0.588017	1.3138	1.3138	0.0276305	0.272665	-3.66751	3.78436	14.9243	3.5055	1
cg18546037	0.0369995	0.144024	-6.94327	0.0050718	0.0516109	-19.3758	0.0927345	0.22765	-4.3927	0.104703	0.24203	-4.13172	3.73523	37.8637	9.0106	1
cg05539745	6.16E-07	31.6145	31.6145	0.000835984	0.281145	-3.55689	3.95E-07	38.796	38.796	0.000183975	4.93013	4.93013	74.3871	75.0607	0.896938	1
cg19697475	6.08E-05	5.61896	5.61896	0.0120502	0.481962	-2.07485	7.34E-08	66.1803	66.1803	0.0362703	1.7639	1.7639	56.4127	48.5535	0.765052	1
cg11285003	0.0102674	1.76108	1.76108	0.116413	0.741962	-1.34778	6.93E-08	23.7902	23.7902	0.00015177	3.1176	3.1176	51.1166	24.7766	0.430851	1
cg04259977	0.0267904	0.643393	-1.55426	0.326436	0.843409	-1.18567	5.45E-07	10.3504	10.3504	0.188577	1.26385	1.26385	26.5018	11.8597	0.397782	1
cg18273840	5.78E-05	53.4128	53.4128	0.942944	0.962531	-1.03893	0.00401173	7.8674	7.8674	6.78E-05	48.9063	48.9063	22.5848	101.821	4.00746	1
cg27619840	0.00134336	0.22283	-4.48773	0.00157376	0.231563	-4.31848	0.100194	0.559684	-1.78672	0.00105989	0.21015	-4.75851	15.116	24.8584	1.46179	1
cg21148923	0.000862472	0.0651803	-15.3421	0.000304392	0.0406295	-24.6126	0.18446	0.463748	-2.15634	0.00624479	0.14292	-6.99692	12.6552	59.7217	4.19478	1
cg06498267	0.00290656	8.37206	8.37206	0.348646	0.605932	-1.65035	0.00306842	8.20656	8.20656	0.00961369	5.4848	5.4848	7.9947	34.1356	3.79536	1
cg18789958	0.127833	1.56253	1.56253	0.269274	0.73206	-1.36601	0.580788	0.859666	-1.16324	0.000639215	4.14215	4.14215	7.61894	8.86817	1.03463	1
cg23037386	0.0248077	3.38078	3.38078	0.00290636	6.46156	6.46156	0.146903	2.03352	2.03352	0.00225218	7.02447	7.02447	6.45566	21.2531	2.92637	1
cg15547734	0.0270796	0.164347	-6.08467	0.00167663	0.04504	-22.2025	0.374521	0.533127	-1.87573	0.0374093	0.188869	-5.29466	5.98455	45.1343	6.70383	1
cg21935402	0.0124149	0.298985	-3.34464	0.130471	0.530632	-1.88454	0.0689469	0.453979	-2.20275	0.0258517	0.358222	-2.79157	5.85257	13.9543	2.11938	1
cg25609393	0.00731438	0.114719	-8.71698	0.00371777	0.085968	-11.6322	0.885203	0.913519	-1.09467	0.0302076	0.20278	-4.93145	5.6771	35.2471	5.51879	1
cg07254032	0.0148079	3.95419	3.95419	0.897865	1.06065	1.06065	0.00805674	4.74078	4.74078	0.00904263	4.57824	4.57824	5.09953	16.9782	2.95943	1
cg14517119	0.142004	0.381192	-2.62335	0.00202422	0.0699734	-14.2911	0.609978	0.730304	-1.36929	0.0413198	0.237454	-4.21134	5.07425	29.9938	5.25421	1
cg15339960	0.738954	1.24313	1.24313	0.00107356	0.0431186	-23.1918	0.930699	0.94497	-1.05824	0.0377978	0.208555	-4.79489	4.6353	31.0882	5.96163	1
cg24094412	0.0286402	0.561479	-1.78101	0.267165	1.2949	1.2949	0.782402	0.939981	-1.06385	0.00723513	0.460815	-2.17007	4.31808	3.41802	0.703609	1
cg07405810	0.0120282	0.251746	-3.97225	0.0123577	0.25369	-3.94182	0.702003	0.844258	-1.18447	0.0928206	0.442916	-2.25777	4.30549	13.224	2.73015	1
cg14979674	0.051349	0.18803	-5.3183	0.0502873	0.186202	-5.37052	0.106482	0.265074	-3.77253	0.0783479	0.229225	-4.36253	3.39928	30.5479	7.98807	1
cg05201970	0.00178976	12.7058	12.7058	0.230802	0.487223	-2.05245	0.00100558	16.3207	16.3207	0.000653127	19.8598	19.8598	12.276	63.6126	4.6061	1
cg00587228	0.000561129	1.53088	1.53088	4.00E-06	2.34645	2.34645	0.00272755	1.39014	1.39014	0.00134707	1.44882	1.44882	26.9455	2.70467	0.0892228	1
cg01203535	2.05E-05	0.273049	-3.66234	0.06926	1.35878	1.35878	0.25236	1.19765	1.19765	0.000172165	0.381876	-2.61865	16.3836	5.90412	0.320327	1
cg01284619	0.0393881	1.59562	1.59562	0.0447605	0.636552	-1.57096	0.000521443	0.346233	-2.88823	0.785232	0.947853	-1.05502	13.6221	8.29335	0.541169	1
cg26238771	0.000449967	2.13361	2.13361	0.0293796	1.4211	1.4211	0.000307465	2.23122	2.23122	0.014148	1.5139	1.5139	9.32638	2.77099	0.264101	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg13470125	HCN2	0.00345833	0.00415851	0.235433	-4.24749	0.0283381	0.377345	-2.65009	0.0638161	0.456359
cg12159023	HCN2	0.00388754	0.703463	0.888897	-1.12499	0.363618	1.33312	1.33312	0.952498	1.01851
cg24158205	HCN2	0.00492539	0.0147236	0.417753	-2.39376	0.0707197	1.79889	1.79889	0.0335708	0.485861
cg25633284	HCN2	0.00681889	0.528035	1.13077	1.13077	0.00152898	2.40334	2.40334	0.0243887	1.67471
cg05697969	HCN2	0.00991986	?	?	?	0.0270805	1.38708	1.38708	0.00738467	0.631377
cg17403731	HCN2	0.0100598	0.0774363	1.6076	1.6076	0.0648061	1.65135	1.65135	0.0485259	1.72473
cg20463312	HCN2	0.0150183	0.0555967	3.10136	3.10136	0.0237829	4.08729	4.08729	0.818225	1.12763
cg19043450	HCN2	0.0153327	0.21596	0.672783	-1.48636	0.289947	0.71585	-1.39694	0.091451	0.567973
cg19321016	HCN2	0.0159296	0.134111	1.30698	1.30698	0.00974617	1.71896	1.71896	0.480502	1.12619
cg23973576	HCN2	0.0376626	0.219526	1.21303	1.21303	0.167917	0.802657	-1.24586	0.591472	0.922157
cg02696685	HCN2	0.0384556	0.897804	0.976524	-1.02404	0.823753	0.959598	-1.0421	0.0992255	0.715966
cg07822928	HCN2	0.0394806	0.0315662	5.01085	5.01085	0.0266268	5.3633	5.3633	0.276369	2.06225
cg23097474	HCN3	0.000743715	0.000288073	0.228594	-4.37456	0.104228	1.55744	1.55744	0.00235717	0.347055
cg01501048	HCN3	0.00440017	0.560027	1.08025	1.08025	0.0124624	1.5027	1.5027	0.000196033	2.27103
cg17736772	HCN3	0.00584069	0.0942481	0.564603	-1.77116	0.14126	1.63492	1.63492	0.152817	0.621407
cg07581823	HCN3	0.00691564	0.963451	0.986215	-1.01398	0.0794042	1.80374	1.80374	0.162322	1.57133
cg04395739	HCN3	0.0113847	0.893464	0.971051	-1.02981	0.0011906	0.352856	-2.83402	0.518326	0.86626
cg22041635	HCN3	0.0310156	0.261183	1.22243	1.22243	0.056873	1.44682	1.44682	0.0219304	1.60192
cg11702145	HCN3	0.0373537	0.151353	0.459406	-2.17672	0.0362577	0.28056	-3.56429	0.00821926	0.159821
cg26556395	HCN3	0.0408708	0.90722	1.01827	1.01827	0.0707392	1.36824	1.36824	0.0457304	1.42708
cg19559628	HCN4	0.000507869	0.000445519	0.421858	-2.37046	0.784836	1.04355	1.04355	0.604288	1.08484
cg01211349	HCN4	0.00307134	0.80748	1.08889	1.08889	0.0572579	0.47223	-2.11761	0.141939	1.73463
cg11288274	HCN4	0.00863944	0.260668	1.16641	1.16641	0.786498	1.03626	1.03626	0.188748	0.833016
cg18022554	HCN4	0.0108744	0.819086	0.963867	-1.03749	0.111918	0.757237	-1.32059	0.0231792	0.646594
cg20765571	HCN4	0.0126498	0.375201	0.919823	-1.08717	0.724442	0.968021	-1.03304	0.186033	1.1374
cg06757333	HCN4	0.01281	0.0310785	0.728199	-1.37325	0.17284	0.833757	-1.19939	0.0456484	0.750355
cg15453204	HCN4	0.0278982	0.00443281	0.0540906	-18.4875	0.292973	0.432529	-2.31199	0.217762	0.369327
cg18548950	HCN4	0.044621	0.35159	0.717174	-1.39436	0.760484	1.11185	1.11185	0.124384	0.561602
cg02860342	HCN4;HCN4	0.00027341	0.0249131	0.603153	-1.65795	0.0380438	1.57701	1.57701	0.0193625	0.585283
cg09882629	HCN4;HCN4	0.021095	0.466016	0.904223	-1.10592	0.00403602	1.68897	1.68897	0.0311557	1.40952
cg01082299	HCP5	2.58E-06	0.115345	0.75127	-1.33108	0.292378	1.20021	1.20021	7.69E-06	0.193829
cg21684411	HCP5	0.000167234	0.0768315	1.3478	1.3478	0.000921163	2.1189	2.1189	0.000112884	0.357439
cg13090671	HCP5	0.000208099	0.000544719	5.7525	5.7525	3.61E-05	13.3611	13.3611	0.0652436	1.96186
cg25843003	HCP5	0.00033096	0.000467386	0.219235	-4.56133	0.00156662	0.28553	-3.50226	0.000239024	0.186741
cg24947255	HCP5	0.000859792	0.822268	0.919717	-1.08729	0.00690223	3.6722	3.6722	0.00103073	6.10314
cg13607555	HCP5	0.00110609	0.0221201	2.44755	2.44755	0.0012472	4.65705	4.65705	0.00292561	3.79443
cg23232773	HCP5	0.00113052	0.0921974	0.586286	-1.70565	0.00708874	0.367052	-2.72441	0.000433611	0.20132
cg02956255	HCP5	0.00144062	0.0895751	0.622804	-1.60564	0.0289064	1.91884	1.91884	0.00507048	0.391654
cg07572131	HCP5	0.00234017	0.72071	1.20126	1.20126	0.000245817	22.0652	22.0652	0.0110705	5.09028
cg23357265	HCP5	0.00354777	0.493079	0.769107	-1.30021	0.000153323	11.5615	11.5615	0.00565692	3.93256
cg06480496	HCP5	0.0041673	0.024492	0.572782	-1.74586	0.000666549	2.95381	2.95381	0.377799	1.20705
cg16561878	HCP5	0.00424345	0.0255566	2.42447	2.42447	0.00889813	3.03778	3.03778	0.0378306	2.23426
cg07971188	HCP5	0.0423795	0.0123584	3.37528	3.37528	0.0245775	2.84555	2.84555	0.842393	1.08085
cg05159732	HCRT	0.000127858	0.000425839	0.374299	-2.67166	0.0134212	0.583197	-1.71469	2.54E-05	0.22959
cg13337307	HCRT	0.00445433	0.933484	0.983851	-1.01641	0.0146346	0.556392	-1.79729	0.000254941	0.3088
cg19057309	HCRT	0.0093081	0.445392	0.789617	-1.26644	0.0543133	0.515272	-1.94072	0.00334936	0.297543
cg20372821	HCRT	0.0221239	0.250103	0.648576	-1.54184	0.00863235	0.299292	-3.34122	0.00573434	0.271267
cg03032532	HCRT	0.0274493	0.0839572	0.495936	-2.01639	0.00877007	0.293978	-3.40162	0.00274199	0.219567
cg27105465	HCRT	0.0304847	0.106014	1.86126	1.86126	0.708041	0.876007	-1.14154	0.227073	0.640016
cg01639898	HCRTR1	0.000253527	9.76E-05	0.468184	-2.13591	0.0196948	0.734385	-1.36168	0.00128631	0.59797
cg11573219	HCRTR1	0.00223186	0.000612157	0.255426	-3.91503	0.000776917	0.268456	-3.725	0.066523	0.587371
cg01764046	HCRTR1	0.00503433	0.857164	1.05597	1.05597	0.186528	0.654882	-1.52699	0.0109809	0.381109
cg18383660	HCRTR1	0.0183665	0.00191609	0.364411	-2.74415	0.979996	0.994256	-1.00578	0.0150454	0.503308
cg25220359	HCRTR1	0.0212748	0.775959	1.05579	1.05579	0.0374083	0.631544	-1.58342	0.114564	0.721396
cg05536984	HCRTR1	0.0311235	0.00271035	0.59586	-1.67825	0.586833	1.07099	1.07099	0.598803	1.06861
cg02309594	HCRTR1	0.0442988	0.738663	1.09631	1.09631	0.283384	0.73633	-1.35809	0.450109	0.809502
cg27493864	HCRTR1	0.0458566	0.0250463	0.589078	-1.69757	0.0176875	0.563964	-1.77316	0.0699753	1.49514
cg05920635	HCRTR2	0.0122311	0.811228	0.9683	-1.03274	0.28775	1.1602	1.1602	0.00810774	1.57836
cg22753888	HCRTR2	0.0212918	0.868853	1.0532	1.0532	0.183212	0.642161	-1.55724	0.0528418	0.501461
cg17240815	HCRTR2;HCRTR2	0.00221157	0.00197833	0.60535	-1.65194	0.00554708	0.658016	-1.51972	0.0674	0.790265
cg27596495	HCRTR2;HCRTR2	0.0274397	0.77044	1.06804	1.06804	0.0256027	0.550695	-1.81589	0.197592	1.3585
cg10725720	HCRTR2;HCRTR2	0.0291268	0.141355	1.28318	1.28318	0.075144	0.731692	-1.36669	0.00137794	2.07812
cg16001418	HCST;HCST	0.048299	0.156558	0.436985	-2.28841	0.287423	0.546952	-1.82832	0.607766	0.753659
cg24468890	HDAC1	0.000176456	0.000183816	0.280295	-3.56767	0.000144106	0.267765	-3.73461	0.00193472	0.413683
cg06473843	HDAC1	0.00098998	0.000586251	0.623522	-1.60379	0.860024	0.984429	-1.01582	0.00800164	1.35279
cg10842753	HDAC1	0.00169752	0.00663402	0.348137	-2.87243	0.233093	0.687685	-1.45415	0.426685	1.27514
cg15713729	HDAC1	0.00453217	0.41423	0.880558	-1.13564	0.00136939	0.492704	-2.02962	0.000263455	0.401025
cg20002354	HDAC1	0.00462377	0.157659	0.688606	-1.45221	0.000195213	0.212822	-4.69876	0.00100778	0.299664
cg25893831	HDAC1	0.00472828	0.0756619	2.03361	2.03361	0.00137786	5.28898	5.28898	0.0175503	2.82211
cg23698287	HDAC1	0.00517388	0.000721924	0.442209	-2.26138	0.106744	0.756277	-1.32227	0.0328649	0.67307
cg04967775	HDAC1	0.0170765	0.0606102	0.690981	-1.44722	0.0850415	0.716967	-1.39476	0.694166	0.93328
cg23018091	HDAC1	0.0383541	0.0344475	0.579746	-1.72489	0.978257	1.00604	1.00604	0.0849728	1.52346
cg09151829	HDAC10;HDAC10	2.44E-05	0.16238	0.778498	-1.28453	0.211329	0.801674	-1.24739	0.0145198	0.603233
cg07482373	HDAC10;HDAC10	0.00310376	0.650042	0.883403	-1.13199	0.224805	0.707471	-1.41349	0.497874	0.829625
cg21178434	HDAC10;HDAC10;TUBGCP6	0.0196806	0.11054	0.449897	-2.22273	0.412888	1.46891	1.46891	0.340595	0.636927
cg01215339	HDAC10;TUBGCP6;HDAC10	0.0243531	0.717135	0.961562	-1.03998	0.971369	0.996141	-1.00387	0.959493	0.994543
cg01712016	HDAC11;HDAC11	0.000644059	0.509905	0.933618	-1.0711	0.0542823	1.2516	1.2516	0.00173045	1.58286
cg21655280	HDAC11;HDAC11	0.0132632	0.000521252	0.34641	-2.88675	0.0409398	0.62983	-1.58773	0.818542	0.955968
cg10455785	HDAC11;HDAC11;HDAC11	0.0136617	0.236632	0.863255	-1.15841	0.00150742	0.581469	-1.71978	0.00580826	0.651527
cg27302007	HDAC2	0.0112011	0.0785736	1.28102	1.28102	0.207594	1.18346	1.18346	0.00995691	1.51074
cg08198132	HDAC2	0.0119874	0.903939	1.04143	1.04143	0.20832	1.60533	1.60533	?	?
cg18674783	HDAC2	0.0176398	0.397579	0.897482	-1.11423	0.0032066	1.65258	1.65258	0.0162666	1.44329
cg16487651	HDAC3	0.00357534	0.152775	0.827447	-1.20854	0.000505728	0.510551	-1.95867	0.0173647	0.698854
cg26849931	HDAC3	0.00772733	0.0515339	0.448835	-2.22799	0.00565978	0.26922	-3.71444	0.0106354	0.313171
cg02250431	HDAC3	0.0195878	0.362196	0.698305	-1.43204	0.928344	1.03509	1.03509	0.156045	0.558856
cg04284814	HDAC3;RELL2;RELL2	0.0031048	0.351654	0.817408	-1.22338	0.0120293	0.517463	-1.9325	0.0336347	0.593358
cg01283435	HDAC3;RELL2;RELL2	0.0274428	0.172827	0.782816	-1.27744	0.0285013	1.54693	1.54693	0.0562376	1.4404
cg17033391	HDAC3;RELL2;RELL2	0.0416329	0.119484	0.560398	-1.78445	0.0999591	0.53908	-1.85501	0.723923	1.12926
cg08520975	HDAC3;RELL2;RELL2	0.0421815	0.304249	0.840022	-1.19044	0.10867	1.332	1.332	0.163845	1.27561
cg20558299	HDAC4	9.91E-06	?	?	?	0.119125	1.29712	1.29712	0.789138	1.04085
cg16887422	HDAC4	3.12E-05	0.127547	1.30712	1.30712	5.14E-06	5.3894	5.3894	0.00142941	2.11631
cg08130793	HDAC4	9.08E-05	0.195932	0.825054	-1.21204	0.0434993	1.38604	1.38604	0.0101244	1.57803
cg25424642	HDAC4	9.46E-05	0.616926	1.0579	1.0579	0.102756	0.819367	-1.22045	0.0749287	0.801438
cg20203971	HDAC4	0.000120784	0.000123528	0.657221	-1.52156	0.531528	0.961048	-1.04053	0.0130998	0.824562
cg06118217	HDAC4	0.000178036	0.681169	0.951746	-1.0507	0.226377	0.858933	-1.16424	0.424479	1.10257
cg03886681	HDAC4	0.000268192	0.0398818	0.646287	-1.5473	0.0016318	0.436372	-2.29163	0.004751	0.502075
cg26493193	HDAC4	0.000282749	0.0935245	0.641819	-1.55807	0.920447	1.02431	1.02431	0.000189648	0.22029
cg26114907	HDAC4	0.000298793	0.185541	0.834868	-1.19779	0.0235811	0.706395	-1.41564	0.830445	0.972808
cg08312371	HDAC4	0.000366847	0.0760527	1.2219	1.2219	0.00701781	1.42458	1.42458	0.000407601	0.565431
cg14273620	HDAC4	0.000424793	0.000756233	0.417971	-2.39251	0.926439	1.0159	1.0159	0.243101	0.811681
cg15106082	HDAC4	0.000579926	0.0175322	0.630069	-1.58713	0.443171	0.882554	-1.13308	7.96E-05	0.320127
cg25746499	HDAC4	0.000832336	0.0147768	0.587663	-1.70165	0.0171313	0.597568	-1.67345	0.12178	0.742866
cg16326123	HDAC4	0.000846369	0.00063586	7.88342	7.88342	0.000519536	8.41555	8.41555	0.0123404	3.40789
cg04528931	HDAC4	0.00115202	0.236058	0.830895	-1.20352	0.333709	1.1604	1.1604	0.191846	1.22892
cg12877056	HDAC4	0.00121447	0.270209	0.792692	-1.26152	0.560099	0.887601	-1.12663	0.00327573	0.444405
cg26495711	HDAC4	0.00153802	0.0203862	0.545428	-1.83342	0.251517	1.29666	1.29666	0.000275629	0.274852
cg17767431	HDAC4	0.00161754	0.0234769	0.728286	-1.37309	0.0679385	0.787004	-1.27064	0.217126	0.858874
cg14334425	HDAC4	0.00191662	0.000139738	0.227499	-4.39563	0.2196	1.33719	1.33719	0.420574	0.830921
cg07055330	HDAC4	0.0020955	0.912448	1.02477	1.02477	0.438794	1.19203	1.19203	0.223947	0.75263
cg16421619	HDAC4	0.00240735	0.0041362	1.62024	1.62024	0.384714	1.11835	1.11835	0.184929	1.193
cg08825699	HDAC4	0.00295581	0.722177	0.923646	-1.08267	0.600418	0.889065	-1.12478	0.00340492	0.412466
cg02558267	HDAC4	0.00296787	0.610217	0.922358	-1.08418	0.116628	0.764897	-1.30737	0.0610859	0.717626
cg02457900	HDAC4	0.00360054	0.370764	0.871282	-1.14773	0.596155	0.922947	-1.08349	0.136765	0.78638
cg08202402	HDAC4	0.0054869	0.0178456	0.370843	-2.69656	0.00577935	0.287723	-3.47557	0.00244823	0.23407
cg06915343	HDAC4	0.00608394	0.0881998	0.520292	-1.922	0.228919	0.645008	-1.55037	0.708971	0.877915
cg16340159	HDAC4	0.00614909	0.0381853	0.73168	-1.36672	0.00129591	0.543668	-1.83936	0.0770206	1.29134
cg09669931	HDAC4	0.0063558	0.136358	1.58254	1.58254	0.000397824	5.01466	5.01466	0.000723955	4.35231
cg16348668	HDAC4	0.00656559	0.0036701	0.358759	-2.78739	0.00479322	0.376465	-2.65629	0.00157014	0.305682
cg05827124	HDAC4	0.00688105	0.061106	0.674279	-1.48306	0.0588383	0.671326	-1.48959	0.33322	0.829946
cg01403123	HDAC4	0.00775951	0.00386327	0.668275	-1.49639	0.175133	0.861294	-1.16104	0.00518125	0.682401
cg25921544	HDAC4	0.00895783	0.802804	0.960176	-1.04148	0.000871569	2.25041	2.25041	0.0769659	1.37632
cg18310774	HDAC4	0.00936905	0.714255	0.940213	-1.06359	0.000568816	0.408668	-2.44698	0.192247	1.26034
cg21656251	HDAC4	0.00937012	0.184486	0.682111	-1.46604	0.426166	1.24713	1.24713	0.0604812	0.562525
cg09234543	HDAC4	0.00970366	0.852659	0.949382	-1.05332	0.994774	0.998172	-1.00183	0.142808	0.64401
cg14911101	HDAC4	0.00983491	0.0447118	1.58587	1.58587	0.00555113	0.482354	-2.07317	0.00537373	0.480232
cg27433031	HDAC4	0.0101841	0.851872	0.948849	-1.05391	0.0203188	2.19403	2.19403	0.847734	1.05548
cg06398474	HDAC4	0.0104143	0.00211245	0.143268	-6.97991	0.596252	0.786344	-1.27171	0.142852	0.492653
cg13278833	HDAC4	0.0109046	0.944418	0.992737	-1.00732	0.34937	1.10596	1.10596	0.261267	1.1303
cg10531167	HDAC4	0.0112721	0.0314586	0.790903	-1.26438	0.0196616	1.29953	1.29953	0.215072	1.12899
cg08177681	HDAC4	0.0113088	0.0494328	0.257798	-3.879	0.000310997	0.029114	-34.3477	0.0198654	0.182706
cg18359321	HDAC4	0.0115701	0.313144	1.40331	1.40331	0.000643951	5.4778	5.4778	0.00136342	4.52472
cg15656521	HDAC4	0.0120789	0.145232	0.691139	-1.44689	0.241906	0.748804	-1.33546	0.00973926	0.462017
cg06533788	HDAC4	0.0121633	0.7401	0.909486	-1.09952	0.211018	1.45584	1.45584	0.254409	0.712364
cg10947611	HDAC4	0.0123402	0.0680162	1.93102	1.93102	0.775688	1.09635	1.09635	0.106119	1.76513
cg15635302	HDAC4	0.0127547	?	?	?	0.00213543	0.347407	-2.87847	0.0375577	0.631684
cg25103905	HDAC4	0.0140753	0.270739	1.24974	1.24974	0.0305998	0.610241	-1.6387	0.413626	0.850028
cg00770685	HDAC4	0.0141356	0.454454	0.825632	-1.21119	0.41856	1.23105	1.23105	0.579917	1.15096
cg10258395	HDAC4	0.0147733	0.797434	1.03935	1.03935	0.0834266	0.750129	-1.3331	0.0442744	0.707035
cg10138044	HDAC4	0.0155345	0.0166181	0.387799	-2.57865	0.121872	0.58096	-1.72129	0.0331111	0.446267
cg20871441	HDAC4	0.0168003	0.00116887	0.471764	-2.1197	0.247483	1.21	1.21	0.105046	1.32212
cg10071550	HDAC4	0.0174073	0.020142	0.351887	-2.84182	0.0128344	0.316147	-3.16309	0.0120467	0.311367
cg22277567	HDAC4	0.0189397	0.0560754	0.613223	-1.63073	0.0133816	0.500409	-1.99837	0.0256895	0.437661

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	S(Test)	S(Error)	F(Error
cg10973720	HDAC4	0.1033882	0.370156	0.784497	-1.2747	1.00325012	0.278423	-1.59165	0.0273875	0.502446	-1.99026	0.0351192	0.523433	-1.91047	0.0120087	0.437653	-2.28491	0.0386036	0.535619	-1.88105	0.0558374	0.564752	-1.77009	0.1889997	0.692808	-1.44634	0.1454496	0.662187	0.515015	4.75441	5.23734	0.979178	1
cg25521439	HDAC4	0.2203828	0.133723	0.658694	-1.51816	0.00361081	0.276458	-1.76458	0.0746254	0.919608	-1.08742	0.603832	0.873605	-1.14668	0.0271141	0.509021	-1.96456	0.3379997	1.29041	1.29041	0.0540633	0.568696	-1.75841	0.0689728	1.69098	1.69098	0.5564602	0.857033	0.116682	4.67433	4.93269	0.93802	1
cg12058021	HDAC4	0.0208747	0.0412243	0.460424	-2.17191	0.320378	0.713075	-1.40238	0.059869	0.496943	-2.01231	0.143589	0.595953	-1.67798	0.00146294	0.220182	-4.54169	0.910263	1.03783	1.03783	0.0252148	0.4162101	-2.40269	0.230736	1.51298	1.51298	0.0580286	0.493777	-2.02521	4.63649	7.96558	1.52713	1
cg05585807	HDAC4	0.0208935	0.0812805	0.569211	-1.75682	0.0707862	0.55506	-1.80161	0.666149	0.811137	-1.13492	0.763368	0.920203	1.09193	0.1361763	0.277637	-3.60183	0.748767	0.910562	-1.09832	0.0068495	0.3600332	-2.77753	0.517943	0.829594	-1.21066	0.0919886	0.412725	-2.42292	4.62751	6.23115	1.19693	1
cg00457915	HDAC4	0.0213322	0.00255859	0.440389	-2.26763	0.593846	1.11109	1.11109	0.161414	0.756144	-1.39637	0.165576	1.33564	1.33564	0.15768	0.74404	-1.34401	0.0817457	1.45864	1.45864	0.125416	1.38344	1.38344	0.820058	1.0456	1.0456	0.0719424	0.674943	-1.48161	4.60228	6.29163	0.539178	1
cg07222900	HDAC4	0.2019884	0.203367	0.594248	-1.6828	0.866091	1.06761	1.06761	0.100165	0.497409	-2.01022	0.974226	1.0126	1.0126	0.00482731	0.234754	-4.25978	0.676051	1.17692	1.17692	0.366005	0.6946751	-1.43953	0.0064058	1.95403	1.95403	0.0827388	0.474894	-2.10573	4.55477	10.8392	2.11534	1
cg05997414	HDAC4	0.222024	0.0122322	0.0753711	-13.2677	0.00424996	0.0420376	-23.7882	0.0249035	0.109597	-9.1243	0.135656	0.263943	-3.78869	0.0176399	0.0915222	-10.9263	0.103773	0.229128	-4.36437	0.00954016	0.0659268	-15.1683	0.128225	0.256154	-3.9039	0.046255	0.150875	-6.62801	4.55224	49.4626	9.65827	1
cg19324997	HDAC4	0.2276097	0.795948	0.932351	-1.07296	0.0909395	2.4112	2.4112	0.00359595	0.340902	-2.95435	0.809272	0.95673	-1.04574	0.2150586	0.725283	-1.37927	0.271755	1.56239	1.56239	0.118152	1.58184	1.58184	0.285027	0.747002	-1.35007	0.522992	0.839474	-1.19122	4.44317	5.13086	1.02865	1
cg03761162	HDAC4	0.2247213	0.0779135	0.396369	-2.5229	0.404799	1.4958	1.4958	0.124268	0.645557	-2.19151	0.415428	0.674885	-1.48173	0.0247551	0.159898	-7.35844	0.0211964	0.270138	0.70181	0.0209075	0.2658884	-3.76104	0.253165	0.569061	-1.75728	0.0263699	0.288231	-3.46944	4.37425	4.95492	0.14146	1
cg01439736	HDAC4	0.025302	0.0488375	0.440058	-2.27243	0.0142691	0.331965	-3.01237	0.134573	0.555069	-1.80158	0.997927	0.999053	-1.00095	0.00543154	0.263208	-3.79928	0.0225704	0.369164	-2.70882	0.00716168	0.2816584	-3.55008	0.41894	0.739825	-1.35167	0.0778825	0.489246	-2.04396	4.33906	9.1491	1.87426	1
cg26078407	HDAC4	0.2062172	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1
cg00732674	HDAC4	0.0277196	0.00773826	0.339909	-2.94197	0.0783062	0.663406	-1.50737	0.75696	0.936944	-1.0673	0.343545	0.814872	-1.22719	0.221142	0.763642	-1.30951	0.0604533	0.641337	-1.55924	0.676985	1.09133	1.09133	0.420842	1.18832	1.18832	0.886759	0.970546	-1.03035	4.20265	2.93008	0.619733	1
cg02203839	HDAC4	0.2203809	0.631585	1.12096	1.0996	0.0388017	1.60131	1.60131	0.00440134	0.11108	9.00155	0.116958	0.102881	9.71082	0.0011477	0.598836	-1.66991	0.14667	0.736281	1.35818	0.0761697	1.107282	1.107282	0.199748	0.844613	-1.1846	0.157782	0.852035	-1.20444	4.122	2.52135	0.549717	1
cg09955928	HDAC4	0.0215511	0.15011	-6.66177	0.00309561	0.0619782	-16.1347	0.0771846	0.259249	-3.8573	0.23151	0.422228	-2.36839	0.016161	0.13243	-7.55115	0.0846604	0.26976	-3.707	0.0195907	0.144027	-6.94314	0.3233359	0.415205	-2.40845	0.0588273	0.2308	-4.33275	4.08972	30.5742	6.64521	1
cg01762807	HDAC4	0.0302512	0.865112	0.12427	1.02427	0.0794678	0.618773	-1.6161	0.824223	1.1037	0.03187	0.665203	0.166331	1.0633	0.00365362	0.607415	-1.64632	0.994752	0.999073	-1.00093	0.0235519	0.164539	1.46439	0.620829	0.932084	-1.07286	0.817294	0.967887	-1.03387	4.07474	1.28386	0.28807	1
cg21827163	HDAC4	0.0302573	0.978374	1.0076	1.003791	0.2995912	0.861807	-1.16035	0.0942486	0.777983	-1.29202	0.156702	0.809546	-1.23514	0.252195	1.17995	1.17995	0.6264883	0.877506	-1.13956	0.3872231	0.877224	-1.13996	0.381386	1.1325	1.1325	0.0017342	0.538992	-1.85532	4.07445	1.23505	0.26994	1
cg03508817	HDAC4	0.0304841	0.196758	0.804322	-1.24328	0.00961209	1.68712	1.68712	0.57317	1.09508	1.09508	0.328551	0.851376	-1.17457	0.0259241	0.655812	-1.52483	0.372118	0.86398	-1.15743	0.0272304	1.51736	1.51736	0.66517	0.932883	-1.07195	0.1618334	0.787933	-1.26914	4.06364	1.63843	0.358392	1
cg02081402	HDAC4	0.0317093	0.0265983	0.431363	-2.31823	0.00253079	0.263586	-3.82283	0.0472348	0.485563	-2.06758	0.266739	0.690589	-1.44804	0.0145281	0.381661	-2.62013	0.814399	0.927524	-1.07814	0.0803647	0.533541	-1.85998	0.57705	0.835518	-1.19741	0.0576328	0.50315	-1.98744	4.00694	6.49581	1.44101	1
cg21621782	HDAC4	0.2012907	0.312442	0.774274	-1.29137	0.0115534	1.76448	1.76448	0.567246	1.20868	1.20868	0.270728	1.44667	1.44667	0.00575016	0.311718	-3.20803	0.686483	1.077504	-1.1396	0.0794012	0.534157	1.87211	0.686439	1.13962	1.13962	0.636188	1.16585	1.54506	4.94446	1.45998	0.31	1
cg07723598	HDAC4	0.0333248	0.182017	1.41479	1.41479	0.0119561	0.463856	-2.15584	0.0915862	1.57624	1.57624	0.765978	1.07585	1.07585	0.0516088	0.581198	-1.72058	0.104253	0.647239	-1.54502	0.076639	1.61994	1.61994	0.29442	1.30522	1.30522	0.225389	0.732072	-1.36599	3.93617	3.74046	0.844692	1
cg03532495	HDAC4	0.0335297	0.4188325	1.30987	1.30987	0.0706459	1.09449	1.09449	0.707776	1.1308	1.1308	0.0925078	1.880161	1.880161	0.0284755	0.379398	-2.63513	0.264413	1.4619	1.4619	0.827973	0.93142	-1.07363	0.077457	1.39087	1.39087	0.0316718	2.275579	2.275579	3.702708	6.6285	1.50035	1
cg11308319	HDAC4	0.0348593	0.0216908	0.267557	-3.73753	0.447553	1.44815	1.44815	0.916909	1.05119	1.05119	0.0203288	0.262371	-3.81139	0.0266493	0.284628	-3.51335	0.352538	0.632783	-1.58032	0.0120613	0.223699	-4.4703	0.496933	1.39087	1.39087	0.0607516	0.363752	-2.74913	3.87277	14.0353	3.22143	1
cg08781549	HDAC4	0.0349131	0.421297	0.82572	1.08633	0.0388633	1.66066	1.66066	0.383364	1.18382	1.1252	0.0894246	1.24302	1.24302	0.0354549	0.422626	-2.36652	0.133185	0.54439	-1.83705	0.0155792	0.126476	-7.90744	0.214697	1.24601	1.24601	0.0876414	0.758014	-1.31924	3.84566	4.09734	1.06266	1
cg03209251	HDAC4	0.0357711	0.201761	0.773027	-1.29362	0.0264636	0.605005	-1.65288	0.0347628	0.625004	-1.59999	0.847443	1.03747	1.03747	0.629439	0.931325	-1.0973	0.1190116	0.38145	-2.62145	0.00921223	1.88018	1.88018	0.454194	2.864501	-1.15674	0.835353	1.04055	1.040155	3.83671	2.21638	0.51349	1
cg09681977	HDAC4	0.0361791	0.0310776	0.334552	-2.98907	0.0756115	0.424986	-2.35302	0.0260089	0.318082	-3.14276	0.177936	0.538288	-1.85774	0.0232568	0.158841	-6.29561	0.455317	0.719641	-1.38958	0.140596	0.510676	-1.9854	0.653874	1.22919	1.22919	0.083437	0.436464	-2.29114	3.82094	11.3281	2.63534	1
cg13442639	HDAC4	0.0369751	0.248841	1.3208	1.3208	0.0836633	1.66066	1.66066	0.383364	1.18382	1.1252	0.0894246	1.24302	1.24302	0.0354549	0.422626	-2.36652	0.107027	0.660512	-1.51398	0.0324994	0.249811	-4.00356	0.815763	1.05	1.05	0.1898486	0.77182	-1.29556	3.79079	3.9627	0.796484	1
cg18959169	HDAC4	0.0375607	0.168587	1.91735	1.91735	0.256149	0.590995	-1.69206	0.102884	2.20727	2.20727	0.513368	1.34164	1.34164	0.0408429	0.285044	2.85044	0.461199	1.39496	1.39496	0.0409148	5.2249	5.2249	0.0366661	2.93654	2.93654	0.0210386	3.4263	3.4263	3.76912	11.7528	2.77172	1
cg01556029	HDAC4	0.0385795	0.737953	1.03776	1.03776	0.0186705	0.742296	-1.34717	0.634853	0.965253	-1.05072	0.0313506	0.737828	1.35746	0.0168832	0.902614	-1.10805	0.207846	1.14892	1.14892	0.0413506	0.356882	2.80351	0.144	2.29405	2.29405	0.0267397	1.53211	1.53211	0.544367	0.993575	-1.00624	3.732709	0.64593	0.151853	1
cg12793681	HDAC4	0.0392219	0.386222	0.888649	-1.1253	0.2239851	1.43031	1.43031	0.00748986	0.58015	0.58015	0.0491277	0.741931	-1.34783	0.258907	1.16946	1.16946	0.57419	0.17837	-1.07837	0.0902673	0.128159	7.28255	0.857257	0.947286	-1.05565	0.420458	1.1156	1.17095	3.03782	0.248664	1
cg01974660	HDAC4	0.0396858	0.427961	0.72061	-1.38771	0.0241587	0.336742	-2.96963	0.308461	0.652607	-1.53231	0.303701	0.649664	-1.53926	0.00207124	0.172769	-5.78809	0.184553	0.565637	-1.76792	0.0193107	0.318035	-3.14431	0.781742	0.893647	-1.11901	0.0643635	0.431115	-2.31956	3.69385	9.58968	2.30766	1
cg02088668	HDAC4	0.0396944	0.107537	0.72943	-1.37044	0.0198434	0.27676	-3.61376	0.0127976	0.312007	-3.20525	0.1308	0.4063	-2.46097	0.28181	0.84616	-1.18181	0.229778	1.77718	1.77718	0.0305763	0.5616	0.178011	1.93455	0.900651	0.900651	0.0297167	1.43935	1.43935	0.619155	1.32908	0.32724	0.07223	1
cg10629128	HDAC4	0.0401698	0.0398	0.433277	-2.30799	0.0702409	0.490602	-2.03831	0.116698	0.548919	-1.82176	0.43369	0.754934	-1.32462	0.0071443	0.294886	-3.39114	0.10416	0.535165	-1.86858	0.0256266	0.093362	-10.7113	0.511519	1.52409	1.52409	0.0840359	0.511519	-1.95496	3.67739	7.2122	1.74331	1
cg02381790	HDAC4	0.0426406	0.326496	1.12677	1.12677	0.0660904	1.24079	1.24079	0.288309	0.806382	-1.24077	0.395095	0.806382	-1.24077	0.395095	0.806382	-1.24077	0.145582	0.643861	-1.55312	0.300703	0.144555	6.91955	0.300703	1.17983	1.17983	0.0306612	0.626061	1.59755	3.88853	1.3595	1.0393	0.242666	1
cg23367987	HDAC4	0.0415551	0.0343479	0.247142	-4.04625	0.417653	1.59843	1.59843	0.814543	1.14232	1.14232	0.976178	0.983234	-1.01705	0.00211754	0.0865861	-11.5492	0.194652	0.45983	-2.17472	0.0541686	0.29011	-3.44697	0.497442	0.676996	-1.47711	0.147164	0.414409	-2.41308	3.63163	18.4436	4.51432	1
cg08621671	HDAC4	0.0416086	0.399438	0.856768	-1.16718	0.815892	0.959065	-1.04268	0.183658	0.776632	-1.28761	0.393099	0.854867	-1.16977	0.00150357	0.440559	-2.26985	0.645801	0.920412	-1.08647	0.339599	1.1929	1.1929	0.474208	1.13932	1.13932	0.0343137	0.642068	-1.55747	3.6299	1.84629	0.45211	1
cg09283977	HDAC4	0.0419437	0.0736577	0.4139	-2.41553	0.1598122	1.07926	1.07926	0.75859	0.956746	-1.04521	0.855841	0.992088	-1.00797	0.765651	1.0168	1.0168	0.907589	1.0168	1.0168	0.0550762	0.182726	-5.47055	0.155315	0.880427	0.880427	0.0178014	1.319324	1.319324	3.466056	0.7384	0.289655	1
cg14420349	HDAC4	0.0431423	0.432603	0.802856	-1.24555	0.00702801	0.370439	-2.6955	0.127609	0.633948	-1.57742	0.422494	1.25191	1.25191	0.00906953	0.389767	-2.56564	0.0662919	0.563704	-1.77398	0.378688	0.780488	-1.28125	0.348078	1.30375	1.30375	0.124011	0.630675	-1.5856	3.9029	4.52099	0.900953	1
cg25017242	HDAC4	0.0433423	0.0115465	0.3109	-3.21655	0.0373123	0.313586	-3.19446	0.0531077	0.377117	-5.64599	0.248905	0.990988	-1.55762	0.0084154	0.211972	-4.7182	0.191153	0.48133	-2.07743	0.0184374	0.119922	-8.33911	0.144802	0.867453	-1.15298	0.0727258	-1.03662	0.0382179	0.153916	-6.49706	5.62768	4.30736	0.954794	1
cg04869188	HDAC4	0.0440478	0.687025	1.10469	1.10469	0.612098	1.13395	1.13395	0.0486041	1.73979	1.73979	0.428296	1.21993	1.21993	0.0209031	0.344919	-2.89923	0.677775	1.10818	1.10818	0.192873	0.938383	-1.06572	0.660512	1.51338	1.51338	0.0349446	0.736769	-1.35756	3.79079	1.08719	0.35383	1
cg18118660	HDAC4	0.0446102	0.4582	0.879972	-1.1364	0.162952	0.777171	-1.28672	0.0525536	0.688599	-1.45222	0.42587	1.14756	1.14756	0.0115304	0.585776	-1.70714	0.28652	1.20604	1.20604	0.0840558	1.38205	1.38205	0.482138	0.8861	-1.12854	0.0366664	0.663022	-1.50825	3.53702	1.60508	0.403372	1
cg07637890	HDAC4	0.0446497	0.0399225	0.4139	-2.41553	0.1598122	1.07926	1.07926	0.75859	0.956746	-1.04521	0.855841	0.992088	-1.00797	0.765651	1.0168	1.0168	0.907589	1.0168	1.0168	0.0550762	0.182726	-5.47055	0.155315	0.880427	0.880427	0.0178014	1.319324	1.319324	3.466056	0.7384	0.289655	1
cg21963406	HDAC4	0.0471318	0.0850234	0.240363	-4.16037	0.138325	0.30185	-3.30185	0.341628	0.28241	0.28241	0.413635	1.86944	1.86944	0.0296827	0.133153	7.51014	0.433665	0.54987	-1.81861	0.0111286	0.0923248	-10.8313	0.767552	1.24843	1.24843	0.122257	0.256428	0.307476	30.7513	7.8891	1
cg30641018	HDAC4	0.0480408	0.0856408	0.240363	-4.16037	0.138325	0.30185	-3.30185	0.341628	0.28241	0.28241	0.413635	1.86944	1.86944	0.0296827	0.133153	7.51014	0.433665	0.54987	-1.81861	0.0111286	0.0923248	-10.8313	0.767552	1.24843	1.24843	0.122257	0.256428	0.307476	30.7513	7.8891	1
cg07315051	HDAC4	0.0487823	0.405204	0.857686	-1.16593	0.0431474	0.657441	-1.52105	0.849632	1.03481	1.03481	0.431903	0.86594	-1.15481	0.961625	0.991364	-1.00871	0.17748	1.2948	1.2948	0.00331144	2.05667	2.05667	0.700767	0.932762	-1.07208	0.292694	0.821369	-1.21748	3.44443	1.77267	0.457466	1
cg07637890	HDAC4	0.0488795	0.490959	0.791611	-1.26317	0.0884703	1.4824	1.4824	0.1973	0.626944	1.02694	0.668611	0.807759	-1.1484	0.0160836	0.372828	-2.68325	0.756457	0.614143	-1.62814	0.0984644	0.902634	-1.10804	0.442825	1.16398	1.16398	0.0928177	1.0316	1.0316	1.3227	0.909438	0.24358	0.064923	1
cg16427443	HDAC4;MGC16025	0.0492748	0.0368877	0.44384	-2.25307	0.119051	0.567249	-1.76289	0.0338	0.783775	0.331331	0.450132	0.772682	1.29419	0.0133131	0.331331	-3.01632	0.550277	1.22451	1.22451	0.0434165	0.2787811	-3.58704	0.00187423	4.38388	4.38388	0.0013567	0.815597	1.22459	8.7362	15.5401	1.5811	1
cg16608636	HDAC5;HDAC6	6.59E-07	0.0609579	0.796552	-1.25541	0.266423	1.13685	1.13685	0.247109	0.874548	-1.14345	0.225075	0.868372	-1.15158	0.237023	1.14708	1.14708	0.409439	0.910788	-1.09795	5.28E-09	0.0619208	-16.1497	0.0120892	1.41422	1.41422	0.332738	1.11703	1.11703	81.5481	15.8461	0.172725	1
cg18786891	HDAC5;HDAC6	0.0520868	0.2828621	1.44141	1.44141	0.132224	1.35135	1.35135	0.112864	1.25308	1.25308	0.205891	1.38775	1.38775	0.0191086	0.3655	-2.73546	0.239778	1.77718	1.77718	0.0305763	0.5616	0.178011	1.93455	0.900651	0.900651	0.0297167	1.43935	1.43935	0.619155	1.32908	0.32724	0.07223	1
cg02362984	HDAC5;HDAC6	0.0540883	0.911344	0.965781	-1.03543	0.505459	0.809976	-1.23461	0.999779	1.00009	0.00009	0.344991	2.15769	2.15769	0.00162861	0.244633	-4.08776	0.707309	1.12485	1.12485	0.00255348	0.152791	-6.54489	0.601605	0.848489	-1.17857	0.84168	1.06436	1.06436	7.80065	12.0185	1.36952	1
cg19724264	HDAC5;HDAC6	0.0180425	0.0559583	3.15359	3.15359	0.0483817	0.304978	-3.28254	0.857083	0.921858	-1.08477	?	?	?	?	?	?	?	?	?	?	?	10.1779	0.0732204	4.22772	4.22772	0.0282632	4.15547	4.15547	11.0298	20.6099	1.24591	1
cg17340338	HDAC5;HDAC6	0.0204594	0.978478	1.03538	1.03538	0.943084	1.01698	1.01698	0.923198	1.03198	1.03198	0.879678	1.13678	1.13678	0.374854	1.23958	1.23958	0.434481	0.828071	0.828071	0.0268458	0.776726	0.935157	-1.06934	0.000340369	0.264459	-3.89927	0.534893	1.15973	1.15973	0.105748	0.659247	1.516888	4.668636	4.10385	0.782735	1
cg03731290	HDAC5;HDAC6	0.0400992	0.250697	1.15174	1.15174	0.307609	1.13237	1.13237	0.0835841	1.48685	1.48685	0.954605	1.00672	1.00672	0.203752	1.17104	1.17104	0.141847	1.20431	1.20431	0.0113022	0.688372	-1.4527	0.505503	0.923553	-1.08277	0.607734	0.940877	-1.06284	3.67978	0.80746	0.195051	1
cg00311150	HDAC5;HDAC6	0.0457204	0.97563	1.02458	1.02458	0.0163669	1.16269	1.16269	0.0604176	1.12796	1.12796	0.0911496	1.07676	1.07676	0.0984376	0.911991	-1.09655	0.12058	1.06	1.06	0.0078152	0.144257	6.93362	0.103519	1.07605	1.07605	0.0265657	1.25763	1.25763	5.5046	0.916936	0.162158	1
cg16434002	HDAC5;HDAC5;HDAC6;HDAC6	0.0032956	0.0457332	1.95524	1.95524	0.673322	1.11215	1.11215	0.563133	0.862961	-1.1588	0.0257828	0.24864	0.24864	?	?	?	?	?	0.00656041	0.104962	-9.52729	?	?	?	0.00476024	0.264938	-3.77447	?	?	27.6173	15.7505	0.380208	1
cg10783042	HDAC6	0.0159437	0.173285	0.741239	-1.34909	0.0346069	0.607204	-1.66333	0.419326	1.18592	1.18592	0.00435526	0.455116	2.19724	0.0583244	0.6426277	-1.55599	0.191153	0.48133	-2.07743	0.0184374	0.119922	-8.33911	0.144802	0.867453	-1.15298	0.0727258	-1.03662	0.0382179	0.153916	-6.49706	5.62768	4.30736	0.954794	1
cg07674525	HDAC6	0.0297122	0.0491396	0.491623	-2.03408	0.0248709	0.429908	-2.32608	0.0540671	0.500933	-1.99627	0.641599	1.93025	1.93025	0.0464821	0.486287	-2.0564	0.0241332	0.427347	-2.34002	0.0415106	0.6097795	-1.6399	0.407434	0.611	0.611	0.0249045	0.355	1.44605	4.10084	4.49199	1.40719	1
cg14304890	HDAC6	0.0466943	0.587125	1.36206	1.36206	0.0450422	0.273574	-3.65532	0.0651094	0.311248	-3.21287	0.0216811	0.211512	-4.72786	0.00809927	0.147943	-6.75934	0.413249	1.60227	1.60227	0.378188	1.66457	1.66457	0.930301	0.951893	-1.05054	0.515864	0.689841	-1.44961	3.47695	17.4907	4.47153	1
cg12510923	HDAC6;HDAC6	0.0470634	0.0309402	0.435175	-2.29744	0.0480284	1.6473	1.6473	0.4703	1.02694	1.02694	0.668611	0.807759	-1.1484	0.0160836	0.372828	-2.68325	0.756457	0.614143	-1.62814	0.0984644	0.902634	-1.10804	0.442825	1.16398	1.16398	0.0928177	1.0316	1.0316	1.3227	0.909438	0.24358	0.064923	1
cg08045757	HDAC7;HDAC7	0.0236819	0.603276	1.07881	1.07881	0.119426	0.778126	-1.28514	0.232539	0.834321	-1.19858	0.99303	1.00126	1.00126	0.00470326	0.580791	-1.72179	0.919645	1.01471	1.01471	0.0045614	1.72728	1.72728	0.642696	0.934636	-1.06993	0.296804	0.855125	-1.16942	4.43985	1.47203	0.294712	1
cg02167760	HDAC7;HDAC7	0.0263174	0.306724	0.788272	-1.26833	0.0944507	0.554254	-1.80398	0.0154258	0.51524	-1.94153	0.854338	0.991081	-1.00901	0.0109369	0.60167	-1.66161	0.24861	1.28092	1.28092	0.0311421	1.48308	1.48308	0.0824192	1.19319	1.19319	0.0311421	0.990578	-1.00943	3.51674	4.47417	0.894583	1
cg10695840	HDAC7;HDAC7	0.0373624	0.146108	0.261061	-3.83052	0.291489	0.389791	-2.56548	0.918409	0.915581	-1.0922	0.0482861	0.143351	-6.97588	0.07154544	0.176924	-5.65214	0.516175	0.567432	-1.76233	0.00190324	0.0226813	-44.0892	0.318776	0.411932	-2.42759	0.141684	1.89661	3.89661	3.77641	14.3121	10.4301	1
cg06086316	HDAC7;HDAC7	0.0414973	0.768764	0.916031	-1.09814	0.0396414	1.42241	1.42241	0.382922	1.32861	1.32861	0.234942	0.673462	-1.48486	0.156616	0.61807	-1.61794	0.998959	0.999586	-1.00041	0.390796	1.32211	1.32211	0.29265	1.14144	1.14144	0.0351284	0.458675	-2.18019	3.6335	5.803071	1.41965	1
cg23522915	HDAC7;HDAC7	0.0421301	0.0827407	0.523037	-1.91177	0.0114967	0.276157	-3.62076	0.0134552	0.257258	-3.88665	0.0232	0.225796	-4.42737	0.00279181	0.0427645	-23.4004	0.641904	1.15404	1.15404	0.0648493

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03610527	HDLBP;HDLBP	0.0152824	0.397137	0.721514	-1.38598	0.158366	1.76416	1.76416	0.119996	0.529945	-1.88699	0.0249457	0.366235	-2.73049	0.00163602	0.18302	-5.46388	0.0140811	0.319521	-3.12968	0.459693	0.753224	-1.32763	0.566834	1.24351	1.24351	0.0287091	0.378568	-2.64153	5.14882	11.5567	1.99514	1
cg24720480	HDLBP;HDLBP	0.0165504	0.424204	0.794459	-1.25872	0.00831059	0.386315	-2.58856	0.786053	1.07972	1.07972	0.167691	1.51372	1.51372	0.00242958	0.304241	-3.28687	0.412124	0.789455	-1.2667	0.0852596	1.70982	1.70982	0.682147	1.12309	1.12309	0.0591098	0.548373	-1.82358	5.01418	6.31169	1.1189	1
cg00497554	HDLBP;HDLBP;SEPT2;SEPT2;SEPT2;SEPT2	0.0010098	0.0156533	0.455819	-2.19385	0.00231692	0.323586	-3.09037	0.0208454	0.478326	-2.09063	0.24053	1.38517	1.38517	0.000448278	0.230403	-4.34022	0.00344777	2.86671	2.86671	0.0387374	1.88642	1.88642	0.441024	1.23162	1.23162	0.0437353	0.54081	-1.84908	11.734	13.0663	0.989815	1
cg08800499	HDX	0.000770199	0.0607965	0.504342	-1.98278	0.00155274	0.229118	-4.36456	0.00324645	0.272533	-3.66928	0.00323976	0.272405	-3.67101	6.40E-05	0.0925116	-10.8095	0.105686	0.564183	-1.77247	0.000615508	0.18127	-5.51663	0.0838956	0.538242	-1.8579	0.00161174	0.231197	-4.32531	12.6666	21.0403	1.47652	1
cg06544877	HDX	0.00641951	0.00175301	0.0656751	-15.2265	0.13238	0.370997	-2.69544	0.112224	2.87472	2.87472	0.309492	1.90064	1.90064	0.00520143	0.105215	-9.50435	0.676457	0.773943	-1.29208	0.158538	2.51013	2.51013	0.0491026	3.94174	3.94174	?	?	?	6.93802	36.4173	5.24894	1
cg03691429	HEATR1	0.00116617	0.0067618	0.611407	-1.63557	0.106681	0.781256	-1.27999	0.0365896	0.711478	-1.40552	0.0665662	1.33416	1.33416	0.243695	0.84287	-1.18642	0.00121754	0.515072	-1.94148	0.0114098	0.641635	-1.55852	0.166062	0.813037	-1.22996	5.95E-05	0.353163	-2.83155	11.2633	3.50341	0.276486	1
cg11159084	HEATR1	0.00405407	0.300179	0.672142	-1.48778	0.0513606	2.27254	2.27254	0.325882	1.45552	1.45552	0.620503	0.831358	-1.20285	0.599501	0.82195	-1.21662	0.405742	0.729964	-1.36993	6.31E-05	0.0655083	-15.2653	0.805805	0.912885	-1.09543	0.714217	0.872757	-1.14579	7.82076	16.9606	1.92771	1
cg10022533	HEATR1	0.00607765	0.740544	1.06144	1.06144	0.0896035	0.714768	-1.39906	0.0047515	0.510289	-1.95967	0.740463	0.942098	-1.06146	0.000751308	0.399606	-2.50247	0.189428	0.779251	-1.28328	0.606847	1.09761	1.09761	0.023726	1.62323	1.62323	0.0304668	0.633609	-1.57826	6.91166	3.52433	0.453254	1
cg20464368	HEATR1	0.0101005	0.00678441	0.760282	-1.3153	0.0101663	0.776309	-1.28815	0.282474	0.916455	-1.09116	0.936461	1.00625	1.00625	0.831229	1.01681	1.01681	0.308646	1.08579	1.08579	0.00310169	0.728998	-1.37175	0.00372722	0.736384	-1.35799	0.719345	0.972206	-1.02859	5.89174	0.569396	0.085905	1
cg22526415	HEATR1	0.0127552	0.191404	0.752152	-1.32952	0.495614	1.15312	1.15312	0.987122	0.996682	-1.00333	0.0131706	0.53104	-1.8831	0.387702	0.833343	-1.19999	0.068008	0.656479	-1.52328	0.108338	1.43434	1.43434	0.0099548	1.9548	1.9548	0.00853442	1.99588	1.99588	5.46394	3.66932	0.596935	1
cg09861631	HEATR1	0.0178675	0.702898	1.24109	1.24109	0.622849	1.32233	1.32233	0.842852	1.11837	1.11837	0.169714	0.438503	-2.28049	0.230117	0.491818	-2.03327	0.879363	0.917958	-1.08937	0.000274118	0.0347551	-28.7728	0.956226	0.969535	-1.03142	0.550351	1.40576	1.40576	4.88725	24.5888	4.47218	1
cg13938504	HEATR1	0.0478294	0.00741784	0.0737583	-13.5578	0.105224	0.262365	-3.81148	0.147873	0.309285	-3.23326	0.372311	0.500403	-1.99839	0.0221415	0.125745	-7.95259	0.838269	0.856861	-1.16705	0.0302735	0.145832	-6.8572	0.140804	0.301969	-3.3116	0.015287	0.105288	-9.4978	3.4456	31.1785	8.04336	1
cg11642199	HEATR2	0.000133159	0.00204795	0.495907	-2.01651	0.0987136	1.33944	1.33944	0.592026	0.916382	-1.09125	0.968379	0.993622	-1.00642	4.31E-06	0.180423	-5.54252	0.00113758	0.461806	-2.16541	0.0108717	1.67561	1.67561	0.50145	1.11643	1.11643	0.335531	0.851885	-1.17387	20.5038	8.46147	0.366824	1
cg07805911	HEATR2	0.000246408	0.114493	1.32913	1.32913	0.00030233	2.64752	2.64752	0.732028	0.944621	-1.05863	0.000436408	2.51261	2.51261	0.0164323	0.615102	-1.62575	0.00877078	1.73895	1.73895	0.0536189	0.695405	-1.43801	6.98E-05	3.33181	3.33181	0.00594584	1.8152	1.8152	17.3583	7.55241	0.386746	1
cg22933769	HEATR2	0.000353123	0.000442344	0.342488	-2.91981	0.783958	0.948299	-1.05452	0.586828	1.11181	1.11181	0.77868	0.947031	-1.05593	1.05E-05	0.162068	-6.17023	0.00142247	0.409995	-2.43906	0.715713	0.931787	-1.07321	0.563043	1.11957	1.11957	0.329354	0.823288	-1.21464	15.7308	9.29587	0.525275	1
cg16782493	HEATR2	0.000649991	0.133033	0.815395	-1.2264	0.939234	1.00965	1.00965	8.67E-06	0.296098	-3.37726	0.595693	1.06976	1.06976	0.0572209	0.762699	-1.31113	0.345241	1.13022	1.13022	0.10763	0.801638	-1.24745	0.00607649	0.636927	-1.57004	0.0952641	0.793896	-1.25961	13.2837	3.33585	0.223221	1
cg12366582	HEATR2	0.000718638	0.135998	1.73465	1.73465	0.751579	0.896836	-1.11503	0.152844	1.69032	1.69032	0.0271214	2.45185	2.45185	3.25E-05	0.0627272	-15.942	0.00194011	0.222401	-4.49639	0.0757064	0.50773	-1.96955	0.33141	1.40998	1.40998	0.187724	0.619624	-1.61388	12.9154	24.0442	1.65481	1
cg25687128	HEATR2	0.00201581	0.00357689	0.613686	-1.6295	0.0211793	1.40902	1.40902	0.935089	1.01013	1.01013	0.000104627	0.428096	-2.33592	0.126244	0.814894	-1.22715	0.0178651	0.70032	-1.42792	0.044759	0.751965	-1.32985	0.187956	0.841438	-1.18844	0.253544	0.862823	-1.15899	9.6198	2.33267	0.215543	1
cg06389703	HEATR2	0.00329281	0.00135883	0.42049	-2.37818	0.00560061	0.507823	-1.96919	0.0485544	1.5216	1.5216	0.692843	1.07676	1.07676	0.00441814	0.49273	-2.02951	0.6383	0.915575	-1.09221	0.0357058	0.634233	-1.57671	0.188855	0.771569	-1.29606	0.00205582	0.445349	-2.24543	8.3242	4.57518	0.488555	1
cg09303330	HEATR2	0.00382136	0.44873	1.20358	1.20358	0.268835	1.31841	1.31841	0.204364	0.725069	-1.37918	0.749918	0.926113	-1.07978	0.05764	0.597334	-1.67411	0.0656675	1.64184	1.64184	8.02E-05	0.181047	-5.52342	0.629338	0.88982	-1.12382	0.384308	0.807259	-1.23876	7.96124	7.26436	0.811081	1
cg19427573	HEATR2	0.00608218	0.213934	1.17498	1.17498	0.363837	1.12187	1.12187	0.397439	0.898732	-1.11268	0.0818853	1.26817	1.26817	0.0208907	1.40854	1.40854	0.248388	0.861837	-1.16031	0.116916	0.810672	-1.23354	0.221017	1.17179	1.17179	0.00039408	0.498756	-2.00499	6.91007	1.66183	0.213772	1
cg05535760	HEATR2	0.00702044	0.000119175	0.185627	-5.38716	0.214351	0.721007	-1.38695	0.0884515	0.624806	-1.6005	0.253028	1.34814	1.34814	0.402403	1.23916	1.23916	0.83068	0.947829	-1.05504	0.799065	1.06591	1.06591	0.269554	0.749988	-1.33335	0.159148	0.686246	-1.4572	6.60911	6.5538	0.881451	1
cg13093285	HEATR2	0.00916612	0.0424249	1.91743	1.91743	0.0128932	2.36311	2.36311	0.644029	1.13838	1.13838	0.540565	1.18835	1.18835	0.00119765	0.266548	-3.75167	0.100873	0.606221	-1.64956	0.3719	1.29093	1.29093	0.0854854	1.6981	1.6981	0.275807	1.37133	1.37133	6.07698	7.46759	1.0923	1
cg13301601	HEATR2	0.00945489	0.359095	1.18872	1.18872	0.00664144	0.524232	-1.90755	0.0112466	0.558666	-1.78998	0.0506931	0.664853	-1.50409	0.579067	0.902368	-1.1082	0.270907	1.23386	1.23386	0.00391898	2.03757	2.03757	0.310439	1.21217	1.21217	0.855745	0.967188	-1.03392	6.01731	3.20307	0.473164	1
cg03143725	HEATR2	0.0132249	0.287591	1.14852	1.14852	0.054061	0.760155	-1.31552	0.000431508	2.01041	2.01041	0.420435	0.901918	-1.10875	0.451879	0.90835	-1.1009	0.584241	0.933043	-1.07176	0.866904	1.02126	1.02126	0.155485	0.826446	-1.21	0.582546	1.0721	1.0721	5.39979	1.34518	0.221437	1
cg10033725	HEATR2	0.0132448	0.797795	1.07076	1.07076	0.00206917	0.315019	-3.17442	0.0483647	0.548412	-1.82345	0.324666	0.762716	-1.3111	0.00148325	0.294973	-3.39015	0.804022	0.935931	-1.06846	0.758538	0.921167	-1.08558	0.515476	1.19198	1.19198	0.0391808	0.529638	-1.88808	5.39713	6.06244	0.998462	1
cg20122518	HEATR2	0.0153318	0.948673	0.982796	-1.01751	0.00375496	2.87082	2.87082	0.763058	1.08492	1.08492	0.129464	0.643005	-1.5552	0.963641	1.01236	1.01236	0.0574432	0.560305	-1.78474	0.043712	0.535259	-1.86825	0.573249	1.16582	1.16582	0.00722289	0.392778	-2.54597	5.14332	5.91946	1.02302	1
cg12038694	HEATR2	0.0158665	0.0236923	0.697343	-1.43402	0.289593	0.863534	-1.15803	0.774271	0.962345	-1.03913	0.295456	0.865178	-1.15583	0.66015	0.942647	-1.06084	0.563114	0.924935	-1.08116	0.000578443	2.03534	2.03534	0.908642	0.984794	-1.01544	0.709974	0.95136	-1.05113	5.08514	1.43494	0.250829	1
cg23205807	HEATR2	0.020599	0.537343	1.09684	1.09684	0.00895719	0.611426	-1.63552	0.0155144	0.644468	-1.55167	0.324792	0.860297	-1.16239	0.721708	0.948449	-1.05435	0.676779	1.06401	1.06401	0.0054913	1.7165	1.7165	0.736973	1.05115	1.05115	0.295762	0.851759	-1.17404	4.65756	1.61551	0.308319	1
cg03819320	HEATR2	0.0276297	0.74456	0.923711	-1.08259	0.00427784	2.52849	2.52849	0.666607	1.11093	1.11093	0.663571	1.11208	1.11208	0.023977	0.520127	-1.92261	0.152441	1.45069	1.45069	0.0258796	1.90038	1.90038	0.711926	1.0942	1.0942	0.0751846	1.61754	1.61754	4.20746	3.92592	0.82941	1
cg00570391	HEATR2	0.0354004	0.15376	0.70441	-1.41963	0.0128405	0.492148	-2.03191	0.0155196	0.506067	-1.97602	0.0428076	0.585702	-1.70735	0.0183755	0.518701	-1.92789	0.028217	0.551838	-1.81213	0.321753	1.26474	1.26474	0.46724	0.843895	-1.18498	0.542817	0.868197	-1.15181	3.85123	3.21099	0.741117	1
cg00157562	HEATR2	0.0380641	0.0545046	0.615142	-1.62564	0.729696	0.925649	-1.08032	0.757493	0.933339	-1.07142	0.97888	1.00591	1.00591	0.000955153	0.334095	-2.99316	0.0848913	0.654167	-1.52866	0.881376	1.03382	1.03382	0.883915	1.03308	1.03308	0.167822	0.720775	-1.3874	3.75082	2.9472	0.698442	1
cg16497157	HEATR2	0.0395405	0.0767237	1.74206	1.74206	0.56747	1.17698	1.17698	0.727622	1.10361	1.10361	0.0444679	1.91691	1.91691	0.111062	0.612957	-1.63144	0.00255969	3.25273	3.25273	0.688293	0.892521	-1.12042	0.668801	0.885733	-1.12901	0.32383	1.33283	1.33283	3.69883	4.65714	1.11919	1
cg12183052	HEATR2	0.0398619	0.0865695	0.753828	-1.32656	0.148613	1.2602	1.2602	0.0840794	1.33019	1.33019	0.163819	0.801076	-1.24832	0.0174036	0.649063	-1.54068	0.130198	0.783487	-1.27634	0.0580947	1.37676	1.37676	0.768315	1.04508	1.04508	0.33506	0.862088	-1.15997	3.68783	1.30151	0.313708	1
cg25062951	HEATR2	0.0418594	0.50809	0.878948	-1.13772	0.179915	0.76056	-1.31482	0.193443	0.767624	-1.30272	0.0409191	1.57373	1.57373	0.598176	0.902843	-1.10761	0.00293823	0.456123	-2.19239	0.710805	0.930929	-1.0742	0.226238	1.27659	1.27659	0.802034	1.04946	1.04946	3.62182	2.11847	0.519928	1
cg23714773	HEATR2	0.046176	0.474179	1.88574	1.88574	0.00260344	37.9029	37.9029	0.00687896	21.1045	21.1045	0.525869	0.571121	-1.75094	0.648233	1.49226	1.49226	0.75186	1.31843	1.31843	0.285674	2.62834	2.62834	0.348047	2.32095	2.32095	0.796789	1.25218	1.25218	3.49158	41.9981	10.6919	1
cg11953399	HEATR2	0.0482872	0.520289	0.897097	-1.11471	0.344477	1.17616	1.17616	0.979997	0.995831	-1.00419	0.732432	1.05885	1.05885	0.119228	1.32544	1.32544	0.240002	1.22753	1.22753	0.00118952	2.20743	2.20743	0.710835	0.939835	-1.06402	0.500876	0.892397	-1.12058	3.43322	1.50975	0.390887	1
cg19157140	HEATR2;PRKAR1B;PRKAR1B;PRKAR1B	0.00718894	?	?	?	0.0034175	0.313505	-3.18974	0.334186	0.770615	-1.29766	0.00513055	0.344565	-2.90221	0.00587099	0.355166	-2.81559	?	?	?	?	?	?	0.0223676	0.468522	-2.13437	0.221657	1.40269	1.40269	9.633	6.48308	0.673007	1
cg16450200	HEATR3	3.99E-05	0.00176246	0.55866	-1.79	0.00130172	1.84403	1.84403	0.00031084	2.14775	2.14775	0.373742	0.887531	-1.12672	2.52E-05	0.335212	-2.98319	0.0137428	1.48895	1.48895	8.98E-05	2.49854	2.49854	0.00779252	1.56269	1.56269	0.0222981	1.43029	1.43029	28.2495	7.63959	0.240385	1
cg09230646	HEATR3	0.000348124	0.637832	0.937655	-1.06649	0.0291445	1.4177	1.4177	0.181501	1.21236	1.21236	0.0618941	0.75168	-1.33035	1.00E-05	0.276238	-3.62006	0.00734193	1.59868	1.59868	0.113147	1.26374	1.26374	0.280685	1.16444	1.16444	0.338517	1.14333	1.14333	15.7925	4.61026	0.25949	1
cg21644628	HEATR3	0.000510002	0.371847	0.855463	-1.16896	7.34E-05	0.292984	-3.41316	0.153444	0.77086	-1.29725	0.140988	0.763697	-1.30942	0.0282585	0.643386	-1.55428	0.116449	1.33702	1.33702	0.000268163	2.76808	2.76808	0.0576908	0.693905	-1.44112	0.11697	1.33637	1.33637	14.2122	6.52529	0.408119	1
cg05926943	HEATR3	0.0331742	0.824702	1.08762	1.08762	0.47844	1.31369	1.31369	0.33887	1.45244	1.45244	0.481814	0.762858	-1.31086	0.00117378	0.164798	-6.06804	0.625237	1.20488	1.20488	0.0679761	2.16829	2.16829	0.623845	1.20579	1.20579	0.444116	1.34364	1.34364	3.94259	8.95084	2.01804	1
cg01780613	HEATR3;HEATR3	0.0144026	0.255874	1.25178	1.25178	0.0617879	1.48926	1.48926	0.358938	0.836438	-1.19555	0.00124736	0.409487	-2.44208	0.056018	1.50654	1.50654	0.829794	0.96006	-1.0416	0.638192	1.09382	1.09382	0.722531	1.06983	1.06983	0.0312039	1.61396	1.61396	5.25067	2.98115	0.50468	1
cg11378052	HEATR4	0.0143773	0.0349946	0.42592	-2.34786	0.0601024	0.478662	-2.08916	0.0560972	0.471588	-2.12049	0.144449	0.580065	-1.72394	0.000787295	0.171531	-5.82985	0.012297	0.338519	-2.95405	0.0114318	0.333013	-3.00289	0.795116	0.913561	-1.09462	0.159916	0.593535	-1.68482	5.25371	10.0423	1.69908	1
cg20273387	HEATR4	0.0347645	0.320967	0.809091	-1.23596	0.0200081	0.55994	-1.78591	0.0638857	0.650322	-1.5377	0.413339	0.841328	-1.1886	0.00330573	0.437509	-2.28567	0.0501701	0.630456	-1.58615	0.0106733	0.515253	-1.94079	0.260084	0.784514	-1.27467	0.821904	0.954491	-1.04768	3.87659	2.62043	0.600856	1
cg10076968	HEATR4;ACOT1	0.00132428	6.47E-05	0.310025	-3.22555	0.670872	0.93407	-1.07058	0.933926	1.01332	1.01332	0.105408	0.754073	-1.32613	0.00111623	0.464859	-2.15119	0.113945	0.760039	-1.31572	0.037765	0.680835	-1.46878	0.1506	1.27867	1.27867	0.00385629	0.537272	-1.86125	10.8613	4.37934	0.358404	1
cg05690394	HEATR4;C14orf169	0.0342147	0.707222	0.820158	-1.21928	0.0629606	0.333148	-3.00167	0.726752	0.831649	-1.20243	0.244668	0.527558	-1.89553	0.0266079	0.251381	-3.97803	0.0258538	4.01585	4.01585	0.011816	0.191694	-5.21665	0.396577	0.633716	-1.57799	0.053463	0.315825	-3.16631	3.89897	17.0494	3.88692	1
cg14514987	HEATR4;C14orf169;C14orf169	0.00924582	0.050716	0.398841	-2.50726	0.00676298	0.234692	-4.26091	0.924138	1.04011	1.04011	0.438799	1.38549	1.38549	0.00106516	0.135713	-7.3685	0.995478	0.997663	-1.00234	0.0218263	0.320983	-3.11542	0.0483722	0.394032	-2.53786	0.0120222	0.274341	-3.64509	6.06028	16.3628	2.4	1
cg21113592	HEATR5A	0.00329564	0.00275641	0.241596	-4.13913	0.00735302	0.309029	-3.23595	0.0040368	0.2666	-3.75094	0.579802	1.20048	1.20048	0.000599396	0.1561	-6.40613	0.00708928	0.306331	-3.26445	0.971294	1.01181	1.01181	0.601364	1.1879	1.1879	0.0114874	0.343231	-2.91349	9.77534	16.1283	1.28326	1
cg01743658	HEATR5A	0.00493954	0.0894662	0.614102	-1.62839	0.856244	0.953875	-1.04836	0.0286157	0.510453	-1.95905	0.73674	0.915887	-1.09184	0.000356009	0.224757	-4.44926	0.00307433	0.348072	-2.87297	0.00515096	0.382112	-2.61703	0.960016	0.987029	-1.01314	0.0186713	0.475974	-2.10095	7.36589	7.91107	0.954678	1
cg07570069	HEATR5A	0.0216738	0.0859564	0.598927	-1.66965	0.568192	0.855701	-1.16863	0.0354286	0.51601	-1.93795	0.809599	1.06738	1.06738	0.0011088	0.272978	-3.6633	0.0181024	0.460492	-2.17159	0.715676	0.905902	-1.10387	0.403547	1.25976	1.25976	0.119732	0.633783	-1.57783	4.57732	5.29073	1.02743	1
cg18637383	HEATR5B	0.000158849	0.00300464	0.381028	-2.62448	0.0833816	1.57538	1.57538	0.889853	0.967675	-1.03341	0.000394193	0.262205	-3.81381	7.66E-05	0.182781	-5.47102	0.00154824	0.339772	-2.94315	0.000371187	0.259027	-3.8606	0.00445984	2.45827	2.45827	0.00601854	0.426965	-2.34211	19.5523	17.4138	0.791665	1
cg02255510	HEATR5B;CCDC75	0.0218156	0.0131673	0.195064	-5.12652	0.336105	0.590148	-1.69449	0.441636	0.658895	-1.51769	0.117611	0.405076	-2.46867	0.00906452	0.171451	-5.83258	0.0593446	0.322436	-3.10139	0.00184479	0.0952581	-10.4978	0.0556605	0.31568	-3.16777	0.04585	0.296103	-3.3772	4.56711	20.4508	3.98031	1
cg04795282	HEATR5B;CCDC75	0.028333	0.976646	0.988582	-1.01155	0.10612	2.04443	2.04443	0.127799	0.514463	-1.94378	0.57977	1.24633	1.24633	0.53952	0.782895	-1.27731	0.457109	1.34854	1.34854	?	?	?	0.00260356	0.155823	-6.41754	0.0312068	0.348791	-2.86704	5.31257	10.9609	1.54741	1
cg22811387	HEATR6	0.000194068	0.334826	1.08612	1.08612	0.021012	0.794074	-1.25933	0.0135049	0.775733	-1.2891	0.181162	1.12514	1.12514	0.0237582	0.79919	-1.25127	0.000204319	0.596327	-1.67693	0.00118919	1.48394	1.48394	0.0250903	0.801466	-1.24771	3.56E-05	0.515536	-1.93973	18.5217	2.02356	0.0971142	1
cg06098585	HEATR6	0.00180148	0.00176403	0.240965	-4.14998	0.29742	0.708166	-1.4121	0.96064	0.984359	-1.01589	0.176457	1.58258	1.58258	0.00188229	0.244685	-4.08689	0.167793	1.5994	1.5994	0.962334	1.0152	1.0152	0.456668	0.78493	-1.274	0.000159067	0.127169	-7.86352	9.93941	16.0641	1.43663	1
cg10715361	HEATR6	0.00213092	0.0281446	0.65009	-1.53825	0.0168951	0.61627	-1.62267	0.000975795	0.442737	-2.25868	0.550565	0.904554	-1.10552	0.00108164	0.448665	-2.22883	0.938252	0.987214	-1.01295	0.0977899	1.35217	1.35217	0.00692379	1.78693	1.78693	0.297117	0.835649	-1.19667	9.46516	4.13584	0.388404	1
cg09967834	HEATR6	0.00815554	0.00799081	0.240831	-4.1523	0.983746	1.00823	1.00823	0.00839831	0.244364	-4.09225	0.524551	1.29686	1.29686	0.0187348	0.306749	-3.25999	0.0734009	0.441814	-2.2634	0.00608158	0.222075	-4.50298	0.00421124	0.198475	-5.03843	0.00341644	0.185849	-5.38073	7.21087	18.0927	1.95151	1
cg06722594	HEATR6	0.0235824	0.2611	0.622017	-1.60767	0.00272083	0.186946	-5.34913	0.00753151	0.248308	-4.02726	0.824189	1.09432	1.09432	0.78721	1.11584	1.11584	0.0127634	0.285549	-3.50203	0.817533	1.09814	1.09814	0.590467	1.24619	1.24619	0.670498	0.840822	-1.18931	4.44632	11.5565	2.31033	1
cg07567107	HEATR6	0.0270116	0.610353	0.941429	-1.06222	0.0349315	1.33465	1.33465	0.00797517	1.49096	1.49096	0.142424	1.20344	1.20344	0.0525636	1.29544	1.29544	0.115849	1.22229	1.22229	0.461814	1.09197	1.09197	0.0432885	0.761086	-1.31391	0.0390135	1.32392	1.32392	4.24102	0.926479	0.194184	1
cg13790571	HEATR6	0.0298932	0.086137	0.695511	-1.43779	0.675543	0.922556	-1.08395	0.522863	0.883377	-1.13202	0.610331	1.10342	1.10342	0.877813	1.0299	1.0299	0.13708	0.735897	-1.35889	0.00139445	0.41198	-2.42731	0.731505	1.06818	1.06818	0.0586632	1.5053	1.5053	4.09201	2.37647	0.51623	1
cg14438323	HEATR6	0.0449269	0.0727001	0.283517	-3.52713	0.0252355	0.187276	-5.33972	0.913321	1.07095	1.07095	0.0919317	0.310994	-3.2155	0.56211	0.691434	-1.44627	0.924814	1.06122	1.06122	0.016081	6.38819	6.38819	0.17528	2.47793	2.47793	0.27388	2.04783	2.04783	3.52767	22.1418	5.5792	1
cg00879475	HEATR7A;HEATR7A;HEATR7A	5.32E-05	0.968653	1.00494	1.00494	0.246835	0.859238	-1.16382	0.00413514	1.61886	1.61886	0.300126	1.14399	1.14399	2.15E-06	0.232979	-4.29222	0.000574959	0.512924	-1.94961	0.00459832	1.60408	1.60408	0.0385596	1.35017	1.35017	0.150056	0.824228	-1.21326	26.1891	6.51	0.220958	1
cg22726273	HEATR7A;HEATR7A;HEATR7A	0.000145251	0.00276563	0.383025	-2.61079	4.07E-06	0.0833267	-12.001	0.000600761	0.292132	-3.42311	0.00996818	0.46928	-2.13092	0.00171953	0.353423	-2.82947	0.00922638	0.46379	-2.15615	0.000451961	0.276532	-3.61622	0.22835	0.745324	-1.3417	0.00216108	0.36751	-2.72102	20.0298	17.1456	0.760891	1
cg05616094	HEATR7A;HEATR7A;HEATR7A	0.00133088	0.138771	0.732972	-1.36431	0.00834357	0.518325	-1.92929	4.54E-05	0.222381	-4.49678	0.544603	0.887329	-1.12698	0.000521541	0.348353	-2.87065	0.532108	0.883938	-1.1313	0.748539	1.06471	1.06471	0.115592	0.716445	-1.39578	0.0377251	0.625118	-1.5997	10.8459	6.52773	0.534989	1
cg00897115	HEATR7A;HEATR7A;HEATR7A	0.00707681	0.00732035	0.525327	-1.90358	0.35625	0.838068	-1.19322	0.0129582	0.563168	-1.77567	0.000364933	0.345342	-2.89568	0.00978125	0.544356	-1.83703	0.512176	1.13175	1.13175	0.278938	0.810927	-1.23316	0.23054	0.791226	-1.26386	0.0833819	0.699903	-1.42877	6.59264	3.61893	0.487943	1
cg11397541	HEATR7A;HEATR7A;HEATR7A	0.0181514	0.0629634	0.53593	-1.86592	0.960165	0.985217	-1.015	0.329138	0.740585	-1.35028	0.704565	1.12029	1.12029	0.000326723	0.177034	-5.64865	0.682059	0.884422	-1.13068	0.329762	1.34973	1.34973	0.519021	0.822891	-1.21523	0.817721	1.07126	1.07126	4.86141	6.84586	1.25174	1
cg00995582	HEATR7A;HEATR7A;HEATR7A	0.0230268	0.0229953	0.472734	-2.11536	0.161397	0.662292	-1.50991	0.00385428	0.342037	-2.92366	0.023918	0.475965	-2.10099	0.0226217	0.471394	-2.12137	0.290266	0.739049	-1.35309	0.786277	1.07775	1.07775	0.873577	1.04485	1.04485	0.0112871	0.417153	-2.3972	4.48306	5.38954	1.06862	1
cg01900397	HEATR7B2	0.000368233	2.42E-05	0.0389192	-25.6942	0.14337	0.545074	-1.83461	0.00200311	0.185818	-5.3816	0.355349	0.692877	-1.44326	0.206978	0.598355	-1.67125	0.000187141	0.0877724	-11.3931	0.136536	1.85705	1.85705	0.0726144	0.461645	-2.16617	0.00172049	0.177943	-5.61979	15.5506	36.6768	2.09648	1
cg22073121	HEATR7B2	0.00173264	0.000145575	0.061408	-16.2845	0.0166833	0.28737	-3.47984	0.00173086	0.148536	-6.73239	0.0828047	0.440576	-2.26976	0.00961233	0.246906	-4.05013	0.00294797	0.175173	-5.70863	0.0184156	0.295169	-3.38789	0.00714165	0.227078	-4.40378	0.00291956	0.17466	-5.72542	10.0523	28.9879	2.5633	1
cg09538031	HEATR7B2	0.00664914	0.000516023	0.0607683	-16.456	0.0532697	0.32144	-3.111	0.00239101	0.112179	-8.91434	0.0897707	0.380328	-2.62931	0.0402477	0.29378	-3.40391	0.00818983	0.173983	-5.74769	0.196386	0.493573	-2.02604	0.080745	0.367492	-2.72115	0.0103094	0.188111	-5.31602	6.72186	28.4429	3.76125	1
cg17208869	HEATR7B2	0.00703325	0.0435996	0.21639	-4.62128	0.0015652	0.0498952	-20.042	0.0112816	0.123218	-8.1157	0.253092	0.45498	-2.1979	0.00391338	0.077149	-12.9619	0.572465	1.45686	1.45686	0.0292815	0.183753	-5.44209	0.00948978	0.114386	-8.74234	0.0084711	0.108891	-9.18352	6.60535	45.5339	6.12754	1
cg12196692	HEATR7B2;HEATR7B2	0.00668661	0.00243389	0.0697121	-14.3447	0.0368501	0.216441	-4.62019	0.0612624	0.264182	-3.78527	0.0637518	0.268346	-3.72653	0.00329324	0.0798689	-12.5205	0.0155912	0.153841	-6.50021	0.00112674	0.0485195	-20.6103	0.26943	0.483872	-2.06666	0.0132813	0.14418	-6.93579	6.71013	42.3409	5.60889	1
cg03611265	HEBP1	0.0305503	0.0878917	0.483398	-2.06869	0.796173	0.90493	-1.10506	0.0434703	0.408156	-2.45004	0.0697432	0.457161	-2.18741	0.821265	0.916377	-1.09125	0.292066	1.52483	1.52483	0.0464036	0.414593	-2.412	0.0102824	3.48367	3.48367	0.102843	0.502209	-1.9912	4.06051	9.5782	2.09677	1
cg04588079	HEBP1;HTR7P	9.29E-05	0.129765	0.757914	-1.31941	0.981322	0.996043	-1.00397	0.00870635	1.76149	1.76149	1.31E-06	8.1701	8.1701	0.184869	0.788079	-1.26891	0.396563	1.15839	1.15839	0.00223812	2.06451	2.06451	0.0301483	1.54005	1.54005	0.876628	1.02666	1.02666	22.5822	10.2582	0.403786	1
cg02939918	HEBP2	0.012085	0.048234	0.481135	-2.07842	0.0436851	2.12027	2.12027	0.0322445	2.25411	2.25411	0.179727	0.630146	-1.58693	0.00909153	0.341564	-2.92771	0.177292	1.59157	1.59157	0.0507469	0.486077	-2.05729	0.0231879	0.414934	-2.41002	0.572031	0.831055	-1.20329	5.56075	9.25061	1.47872	1
cg01808433	HEBP2	0.0203753	0.0924062	0.743667	-1.34469	0.310764	0.845604	-1.18259	0.169647	0.791417	-1.26356	0.257795	0.827927	-1.20784	0.169014	0.791107	-1.26405	0.670522	1.07083	1.07083	0.000802062	0.445251	-2.24592	0.325773	1.17615	1.17615	0.114102	1.31633	1.31633	4.67491	1.89322	0.359977	1
cg05463307	HEBP2	0.034446	0.187836	0.644277	-1.55213	0.270804	0.696878	-1.43497	0.119523	0.587371	-1.7025	0.201672	0.653969	-1.52912	0.00297412	0.276943	-3.61085	0.00713844	0.334727	-2.98751	0.0627637	0.517093	-1.93389	0.890152	1.04449	1.04449	0.0430504	0.480323	-2.08193	3.8895	6.11205	1.39682	1
cg16727231	HECA	0.000392311	0.00321574	0.492258	-2.03145	0.0244642	1.60398	1.60398	0.390862	0.856438	-1.16763	0.0822132	0.712203	-1.40409	0.000591775	0.392514	-2.54768	0.183674	0.779866	-1.28227	0.000924743	2.39188	2.39188	0.00065243	2.5122	2.5122	0.0246793	0.624055	-1.60242	15.2817	7.52005	0.437417	1
cg26566236	HECA	0.000589175	0.387222	1.07905	1.07905	0.00194292	0.686403	-1.45687	0.00255357	0.698205	-1.43224	0.603235	1.04604	1.04604	2.90E-05	0.494405	-2.02263	0.00271841	0.700897	-1.42674	0.346229	0.920106	-1.08683	0.769963	1.02549	1.02549	0.328666	1.0904	1.0904	13.653	1.59334	0.103736	1
cg08140114	HECA	0.0022053	0.173516	0.693059	-1.44288	0.0213284	2.01478	2.01478	0.0277218	0.517455	-1.93253	0.884228	0.963782	-1.03758	0.0114765	0.449003	-2.22716	0.0489019	0.565875	-1.76717	0.0335569	0.533314	-1.87507	0.000334088	4.32859	4.32859	0.282434	0.753675	-1.32683	9.37069	9.51374	0.902459	1
cg08943714	HECA	0.00287632	0.0124076	0.272041	-3.67592	0.000135951	0.0631411	-15.8376	0.145194	0.519772	-1.92392	0.210428	0.575774	-1.73679	0.0028959	0.18033	-5.54539	0.211663	0.576725	-1.73393	0.00587204	0.221313	-4.5185	0.00470641	0.207807	-4.81216	0.0407046	0.372187	-2.68682	8.66569	24.0146	2.46331	1
cg05310613	HECA	0.00839533	0.993099	1.00227	1.00227	0.129576	1.53508	1.53508	0.413542	1.24455	1.24455	0.487913	1.20253	1.20253	0.602394	0.871485	-1.14747	0.357277	1.28117	1.28117	0.000161969	0.18543	-5.39287	0.187361	0.693709	-1.44153	0.532929	0.847653	-1.17973	6.24843	6.7781	0.964239	1
cg19829353	HECA	0.0121482	0.695133	1.10899	1.10899	0.0250041	0.496352	-2.0147	0.0038562	0.359616	-2.78074	0.539485	0.849444	-1.17724	0.165465	0.678035	-1.47485	0.0325809	0.518401	-1.92901	0.00118801	0.286952	-3.4849	0.688947	0.899704	-1.11148	0.0214878	0.484083	-2.06576	5.55134	6.06592	0.971286	1
cg23888201	HECA	0.0153557	0.148054	0.767401	-1.3031	0.649007	0.924797	-1.08132	0.898211	1.02208	1.02208	0.480449	0.884819	-1.13017	0.610853	0.916167	-1.0915	0.00693559	0.550963	-1.815	0.000552234	0.400562	-2.49649	0.448881	1.14073	1.14073	0.54565	1.10998	1.10998	5.14066	2.37003	0.409809	1
cg13292409	HECA	0.0216148	0.96312	1.01206	1.01206	0.012942	2.22457	2.22457	0.131477	0.655719	-1.52504	0.0313916	0.519801	-1.92381	0.578582	1.15653	1.15653	0.0080627	0.414955	-2.4099	0.0778309	1.66183	1.66183	0.501631	1.19334	1.19334	0.550096	0.854945	-1.16967	4.58159	4.87447	0.94571	1
cg05739126	HECA	0.0256106	0.0357356	0.695373	-1.43808	0.0914775	1.31823	1.31823	0.184377	1.23284	1.23284	0.834197	0.969319	-1.03165	0.00595824	0.585929	-1.70669	0.503356	0.903963	-1.10624	0.030484	1.45941	1.45941	0.4486	1.12165	1.12165	0.314787	0.856811	-1.16712	4.32077	1.51247	0.311153	1
cg07932300	HECA	0.0341085	0.575525	0.816989	-1.22401	0.747726	1.12222	1.12222	0.0420851	0.433083	-2.30902	0.326842	1.43573	1.43573	0.0063294	0.280776	-3.56156	0.381951	1.37766	1.37766	0.011339	0.322136	-3.10428	0.276075	1.49903	1.49903	0.363273	0.716165	-1.39633	3.90335	7.89222	1.79725	1
cg03797139	HECA	0.0434172	0.0172405	0.292051	-3.42406	0.127852	0.497413	-2.0104	0.0821695	0.441789	-2.26352	0.438235	0.715039	-1.39853	0.00889325	0.243606	-4.10499	0.974943	0.986765	-1.01341	0.0696528	0.422863	-2.36483	0.196691	1.78433	1.78433	0.0550094	0.397332	-2.51679	3.57299	10.1833	2.53339	1
cg08320628	HECA;HECA	0.0185681	0.546527	1.13476	1.13476	0.237612	0.7739	-1.29216	0.517384	1.14566	1.14566	0.538048	1.13789	1.13789	0.621867	0.902129	-1.10849	0.220528	1.30585	1.30585	0.000346065	0.303411	-3.29586	0.745976	0.934875	-1.06966	0.5525	0.882938	-1.13258	4.82437	3.27964	0.604273	1
cg09367334	HECTD1	0.00861339	0.0359556	0.853163	-1.17211	0.629307	0.968839	-1.03216	0.046934	0.862407	-1.15955	0.624747	0.968424	-1.03261	0.00625916	0.793052	-1.26095	0.0310536	1.1791	1.1791	0.570211	0.963344	-1.03805	0.0833134	0.882695	-1.13289	0.00106056	0.729754	-1.37033	6.19799	0.415832	0.0596368	1
ch.14.220543R	HECTD1	0.0303652	0.562314	0.881975	-1.13382	0.165263	0.728105	-1.37343	0.00187348	2.57416	2.57416	0.0683674	0.645668	-1.54878	0.0699582	0.647655	-1.54403	0.890903	1.02986	1.02986	0.321826	0.802984	-1.24535	0.915009	1.02315	1.02315	0.88997	0.970761	-1.03012	4.0693	2.96215	0.647046	1
cg15902874	HECTD1	0.0369571	0.00523879	0.173309	-5.77005	0.358711	1.56698	1.56698	0.90009	0.941976	-1.0616	0.0406245	3.08038	3.08038	0.242105	1.79077	1.79077	0.149222	2.08766	2.08766	0.0861801	0.405648	-2.46519	0.361904	0.64018	-1.56206	0.478096	0.709474	-1.40949	3.79147	13.6002	3.18849	1
cg21854512	HECTD1;HECTD1	7.65E-05	0.0311336	1.24248	1.24248	0.0287419	1.24782	1.24782	2.21E-05	2.0771	2.0771	0.0381947	0.813681	-1.22898	0.108663	1.16204	1.16204	0.00171354	1.46844	1.46844	6.21E-05	0.530716	-1.88425	0.0594371	1.20035	1.20035	0.00102515	1.51848	1.51848	23.7848	2.77486	0.103703	1
cg00010654	HECTD3	0.000588964	0.284812	0.788018	-1.26901	0.000140105	4.0957	4.0957	9.66E-05	4.42419	4.42419	0.285242	1.26872	1.26872	0.232958	0.764763	-1.3076	0.526639	0.871477	-1.14748	0.0908227	0.67067	-1.49105	0.0356493	0.591946	-1.68934	0.0973753	1.47709	1.47709	13.6544	9.94362	0.647322	1
cg10325398	HECTD3;UROD;HECTD3	0.0339571	0.0130443	0.722001	-1.38504	0.0417555	0.780191	-1.28174	0.636514	0.950901	-1.05163	0.0269023	0.75791	-1.31942	0.285787	0.889367	-1.12439	0.0096164	0.707048	-1.41433	0.0246844	0.753599	-1.32697	0.0821352	0.815709	-1.22593	0.48462	1.07801	1.07801	3.90962	0.692594	0.157468	1
cg21072692	HECW1	0.00021453	0.00230091	0.607434	-1.64627	0.0225846	0.726483	-1.37649	0.284244	1.13902	1.13902	0.00714374	0.665965	-1.50158	7.79E-06	0.317504	-3.14957	0.394241	0.902928	-1.10751	0.0152952	1.41687	1.41687	0.153071	1.19607	1.19607	0.24137	1.15432	1.15432	18.0249	3.90897	0.192769	1
cg08477485	HECW1	0.000250632	0.260422	1.1763	1.1763	0.975303	1.00429	1.00429	0.581655	0.925911	-1.08002	0.031552	1.41733	1.41733	4.31E-06	0.230553	-4.33739	0.0143324	1.51842	1.51842	0.182018	1.21647	1.21647	0.68637	1.05776	1.05776	0.743544	0.955602	-1.04646	17.2781	5.23634	0.269389	1
cg14047370	HECW1	0.000844679	0.000605846	0.293956	-3.40187	0.0463211	0.5894	-1.69664	0.146395	0.696924	-1.43488	0.0122951	0.485704	-2.05887	0.000633637	0.296457	-3.37317	0.00567317	0.431514	-2.31742	4.82E-05	0.170127	-5.87798	0.0830634	0.641176	-1.55963	0.017439	0.511547	-1.95486	12.3417	10.4852	0.755179	1
cg17045801	HECW1	0.0010302	0.330701	0.919282	-1.08781	0.565526	1.04992	1.04992	0.0498665	0.828981	-1.2063	0.006751	1.34242	1.34242	0.000270379	1.65008	1.65008	0.383297	1.07785	1.07785	0.00247701	0.702743	-1.42299	0.00199461	1.4419	1.4419	0.772686	0.976005	-1.02458	11.6676	1.29934	0.098989	1
cg02870234	HECW1	0.00164486	0.146596	1.52851	1.52851	0.117932	1.58776	1.58776	0.987229	0.995651	-1.00437	0.537421	1.18536	1.18536	0.000124053	0.16168	-6.18505	0.00167701	0.294247	-3.39851	0.138042	1.54475	1.54475	0.322834	0.757232	-1.3206	0.0164119	0.449946	-2.22249	10.2046	11.9844	1.04392	1
cg26874464	HECW1	0.0017669	0.0806954	0.733668	-1.36301	0.465431	0.888015	-1.12611	0.361873	1.16165	1.16165	0.0255316	0.654248	-1.52847	0.000138485	0.348888	-2.86625	0.972134	0.994431	-1.0056	0.0020672	2.00086	2.00086	0.218891	1.22966	1.22966	0.127867	0.768603	-1.30106	9.99543	4.04649	0.359853	1
cg02857166	HECW1	0.0038244	0.0240878	0.593818	-1.68402	0.502486	0.876473	-1.14094	0.0229972	0.590478	-1.69354	0.536375	1.12896	1.12896	0.000209163	0.300676	-3.32584	0.146135	0.739151	-1.3529	0.280512	1.24274	1.24274	0.0116889	0.543137	-1.84116	0.00632509	0.502175	-1.99134	7.95934	4.73127	0.528383	1
cg04442388	HECW1	0.00386104	0.041766	0.619983	-1.61295	0.000389302	0.315975	-3.16481	0.0929622	0.686247	-1.4572	0.0302787	1.68009	1.68009	0.0761014	0.668938	-1.49491	0.0745167	0.66715	-1.49891	0.0256804	0.582844	-1.71572	0.357961	1.21236	1.21236	0.0747937	1.49821	1.49821	7.93655	5.21607	0.584197	1
cg19270887	HECW1	0.00423738	0.931516	0.978853	-1.0216	0.506137	0.84556	-1.18265	0.544442	0.858513	-1.1648	0.522338	1.17497	1.17497	5.40E-05	0.153804	-6.50177	0.151207	1.46591	1.46591	0.445199	1.21353	1.21353	0.785073	0.93428	-1.07034	0.635546	0.888053	-1.12606	7.71701	7.55809	0.870584	1
cg21154964	HECW1	0.00705913	0.0337944	0.706304	-1.41582	0.0127525	1.5436	1.5436	0.0120996	1.55096	1.55096	0.718697	0.950521	-1.05205	0.488936	1.10365	1.10365	0.346152	0.872751	-1.1458	0.0153062	1.51844	1.51844	0.22889	0.837657	-1.19381	0.00616733	0.60582	-1.65065	6.59779	2.05655	0.27707	1
cg09067990	HECW1	0.00915941	0.792139	0.957594	-1.04428	0.590497	0.914731	-1.09322	0.0381771	0.67423	-1.48317	0.0524361	0.696391	-1.43598	0.016799	0.619571	-1.61402	0.0322415	0.662694	-1.50899	0.0542896	1.4309	1.4309	0.653138	1.07704	1.07704	0.000844844	0.438946	-2.27819	6.07839	2.59121	0.378932	1
cg02278228	HECW1	0.00921927	0.607406	1.09314	1.09314	0.977902	0.995252	-1.00477	0.965526	0.9926	-1.00745	0.000454437	0.386989	-2.58405	0.0291847	0.642982	-1.55525	0.0144826	1.67818	1.67818	0.579378	1.101	1.101	0.966291	1.00729	1.00729	0.420089	0.868006	-1.15207	6.06582	2.83695	0.415728	1
cg12302761	HECW1	0.00964791	0.180154	0.823119	-1.21489	0.908735	0.984439	-1.01581	0.0287087	0.702664	-1.42316	0.805158	1.03438	1.03438	0.716698	1.0511	1.0511	0.804233	0.966605	-1.03455	0.000345818	2.1976	2.1976	0.128076	0.798532	-1.2523	0.412809	0.891805	-1.12132	5.97867	1.77098	0.263304	1
cg00671878	HECW1	0.00967728	0.721548	1.09498	1.09498	0.180943	0.697553	-1.43358	0.0160863	0.473836	-2.11043	0.00682002	2.43205	2.43205	0.00161313	0.317756	-3.14707	0.080856	0.612099	-1.63372	0.500675	0.840866	-1.18925	0.628263	1.13169	1.13169	0.782856	1.07256	1.07256	5.97288	6.08215	0.90515	1
cg01378182	HECW1	0.00972001	0.815548	1.08438	1.08438	0.00239271	4.33663	4.33663	0.697436	0.873326	-1.14505	0.35656	0.719833	-1.38921	0.00826253	0.310086	-3.22491	0.313462	1.43537	1.43537	0.0137436	0.347817	-2.87508	0.0589905	2.09435	2.09435	0.823271	1.08063	1.08063	5.96449	11.3533	1.69198	1
cg00725654	HECW1	0.0151078	0.043512	1.54278	1.54278	0.0229923	1.66187	1.66187	0.39949	1.17481	1.17481	0.161874	0.756552	-1.32179	0.092309	0.707469	-1.41349	0.13683	0.741307	-1.34897	0.0136483	1.76796	1.76796	0.0423793	1.54751	1.54751	0.0771862	0.692807	-1.4434	5.16845	2.85577	0.491146	1
cg00802510	HECW1	0.0179999	0.00810611	0.449993	-2.22226	0.442202	1.2027	1.2027	0.40056	0.81654	-1.22468	0.231709	0.74419	-1.34374	0.00112174	0.323054	-3.09546	0.64005	1.11732	1.11732	0.414956	1.21686	1.21686	0.160087	0.702208	-1.42408	0.0680534	0.617967	-1.61821	4.87514	4.28376	0.781062	1
cg24633312	HECW1	0.0193882	0.00926491	0.116301	-8.59839	0.0315598	0.193454	-5.16919	0.15266	0.368581	-2.71311	0.466414	1.6208	1.6208	0.00422699	0.0824559	-12.1277	0.334207	1.91353	1.91353	0.0641593	0.257857	-3.87811	0.0330091	0.197014	-5.07577	0.0690109	0.265597	-3.7651	4.75441	31.9679	5.97675	1
cg06002665	HECW1	0.0238144	0.834158	0.936388	-1.06793	0.342466	0.735937	-1.35881	0.487811	0.801743	-1.24728	0.232536	1.48063	1.48063	0.00329839	0.285111	-3.50741	0.239501	0.679683	-1.47127	0.0112377	0.369464	-2.70662	0.0398387	2.10622	2.10622	0.707832	0.888677	-1.12527	4.43129	6.89706	1.38351	1
cg17628717	HECW1	0.0266598	0.195191	1.47641	1.47641	0.0010491	3.97042	3.97042	0.0114482	2.45907	2.45907	0.0629185	1.81298	1.81298	0.934474	0.976888	-1.02366	0.229741	1.43097	1.43097	0.729982	1.10354	1.10354	0.320056	1.33934	1.33934	0.682162	0.889507	-1.12422	4.26056	5.45651	1.1384	1
cg19053686	HECW1	0.0336591	0.524985	1.42728	1.42728	0.00450199	8.09492	8.09492	0.559947	1.38479	1.38479	0.0907019	2.79924	2.79924	0.0348101	3.89101	3.89101	0.685473	0.798616	-1.25217	0.161974	2.28118	2.28118	0.00421952	8.29713	8.29713	0.258888	1.91661	1.91661	3.92206	18.9468	4.29408	1
cg14872657	HECW1	0.0368884	0.0256033	0.482235	-2.07368	0.547071	1.18245	1.18245	0.809784	1.06857	1.06857	0.963377	0.987452	-1.01271	0.712623	0.90326	-1.1071	0.10034	0.609519	-1.64064	0.00670935	0.380248	-2.62986	0.0305316	2.01183	2.01183	0.586334	1.16312	1.16312	3.79404	4.54479	1.06478	1
cg27111680	HECW1	0.0403775	0.144524	0.779138	-1.28347	0.608741	1.08568	1.08568	0.163192	0.789	-1.26743	0.862742	1.02794	1.02794	0.130925	0.771282	-1.29654	0.0135352	1.62682	1.62682	0.00940517	1.68916	1.68916	0.801916	0.960765	-1.04084	0.649828	0.929807	-1.07549	3.67041	1.47388	0.356941	1
cg25803632	HECW1	0.0412774	0.130339	0.58986	-1.69532	0.911833	0.964847	-1.03643	0.144022	1.66047	1.66047	0.635642	1.16673	1.16673	0.360858	0.738245	-1.35456	0.230414	0.665976	-1.50155	0.0198914	0.403283	-2.47965	0.00726766	3.06084	3.06084	0.737639	0.897072	-1.11474	3.64065	6.01863	1.46949	1
cg18608610	HECW1	0.0481018	0.373645	0.859002	-1.16414	0.467463	0.884226	-1.13093	0.924577	1.01588	1.01588	0.0508142	1.44815	1.44815	0.0400114	0.673687	-1.48437	0.816113	0.961976	-1.03953	0.012383	0.595635	-1.67888	0.051505	1.44613	1.44613	0.888828	0.976992	-1.02355	3.43821	1.5081	0.389892	1
cg26521259	HECW1	0.0494444	0.0179134	0.14577	-6.86011	0.0338166	0.190395	-5.25223	0.0395266	0.203176	-4.92184	0.996567	1.00288	1.00288	0.0976393	0.296286	-3.37512	0.295329	0.483655	-2.06759	0.00958091	0.111306	-8.98427	0.0388637	0.201751	-4.9566	0.122218	0.325912	-3.06831	3.40254	24.1416	6.3068	1
cg08039116	HECW1;HECW1	0.0434743	0.146732	1.32619	1.32619	0.723488	1.06651	1.06651	0.433953	1.15571	1.15571	0.0169023	1.69587	1.69587	0.667977	0.924767	-1.08135	0.935997	1.01466	1.01466	0.00630237	0.524721	-1.90577	0.222673	1.26147	1.26147	0.17337	1.30028	1.30028	3.57124	1.85826	0.462524	1
cg08166198	HECW2	0.00493832	0.51169	1.23853	1.23853	0.975749	1.00982	1.00982	0.389876	0.753364	-1.32738	0.00225765	0.25316	-3.95007	0.00192763	0.243937	-4.09942	0.468323	0.788857	-1.26766	0.000645348	0.185899	-5.37926	0.0236373	0.41958	-2.38334	0.501172	0.802965	-1.24538	7.36644	12.0532	1.45442	1
cg21597684	HECW2	0.00515524	0.477253	0.928045	-1.07753	0.0110845	1.38977	1.38977	0.000855641	1.67795	1.67795	0.447219	0.923069	-1.08334	0.906575	1.01221	1.01221	0.00228769	0.64361	-1.55374	0.373481	1.09901	1.09901	0.378992	1.09775	1.09775	0.453858	1.08203	1.08203	7.27035	1.22958	0.150331	1
cg17107385	HECW2	0.0261546	0.962226	1.00876	1.00876	0.0380512	1.55691	1.55691	0.0310809	1.59345	1.59345	0.0630342	0.680467	-1.46958	0.132272	0.741521	-1.34858	0.10105	0.718496	-1.3918	0.0147619	0.575578	-1.73738	0.442245	0.865676	-1.15517	0.295915	1.22083	1.22083	4.28918	2.30235	0.47714	1
cg19149314	HECW2	0.027604	0.0275788	0.370954	-2.69575	0.0151669	0.321274	-3.11261	0.0107368	0.295164	-3.38795	0.281215	0.652923	-1.53157	0.0199586	0.343334	-2.91262	0.779194	0.89854	-1.11292	0.00914229	0.283595	-3.52615	0.792457	0.904501	-1.10558	0.0370239	0.397815	-2.51373	4.20883	9.65725	2.03957	1
cg23490246	HECW2	0.0345854	0.029918	0.433988	-2.30421	0.0394937	0.459219	-2.17761	0.0848793	0.536526	-1.86384	0.0573109	0.495266	-2.01912	0.0102672	0.347464	-2.87799	0.0211121	0.404056	-2.4749	0.0132758	0.366883	-2.72566	0.952763	1.01955	1.01955	0.0912977	0.544607	-1.83619	3.88383	6.56817	1.50325	1
cg01381678	HECW2	0.0404202	0.978885	1.00944	1.00944	0.466758	0.768847	-1.30065	0.744704	1.12297	1.12297	0.212911	0.627743	-1.59301	0.00077423	0.164309	-6.08608	0.117289	0.546697	-1.82917	0.838536	0.93014	-1.07511	0.508724	1.26865	1.26865	0.485156	0.777424	-1.2863	3.66898	7.32096	1.77366	1
cg22765299	HECW2	0.0453126	0.0212159	0.293995	-3.40142	0.0507831	0.374008	-2.67374	0.0211258	0.293647	-3.40545	0.0920579	0.440632	-2.26947	0.0130141	0.256214	-3.90299	0.121141	0.475808	-2.10169	0.0222576	0.297946	-3.35631	0.974138	1.01443	1.01443	0.132311	0.487828	-2.0499	3.5164	10.8768	2.74948	1
cg17497640	HECW2	0.0465125	0.100384	0.641926	-1.55781	0.406868	1.2324	1.2324	0.0696218	1.64832	1.64832	0.201221	0.717187	-1.39434	0.0062407	0.415676	-2.40572	0.0391451	0.555501	-1.80018	0.758017	0.926718	-1.07908	0.316413	0.774849	-1.29057	0.292852	0.764333	-1.30833	3.48206	3.34489	0.853873	1
cg02005664	HEG1	2.18E-06	0.00276608	1.44122	1.44122	0.00617912	0.728909	-1.37191	0.00522794	0.721646	-1.38572	4.37E-06	0.391586	-2.55372	6.98E-07	0.303607	-3.29373	2.73E-06	0.368659	-2.71254	1.60E-06	0.342937	-2.91599	0.293007	0.907926	-1.10141	0.00117802	0.65611	-1.52413	60.0609	7.45788	0.110375	1
cg11890301	HEG1	0.000965681	0.718491	0.908771	-1.10039	0.00458118	0.368811	-2.71141	0.000381476	0.223319	-4.4779	0.0323745	0.515792	-1.93877	0.000160254	0.181928	-5.49668	0.0760441	0.593506	-1.6849	0.00124347	0.287422	-3.47921	0.117502	0.638088	-1.56718	0.000975807	0.273542	-3.65575	11.8836	13.1436	0.983143	1
cg11029367	HEG1	0.000991924	0.00036416	0.0967113	-10.3401	0.501697	1.32157	1.32157	0.165466	0.546131	-1.83106	0.00199986	0.167993	-5.95263	0.747332	0.876187	-1.14131	0.773186	1.12543	1.12543	0.000172031	0.0735411	-13.5978	0.176985	0.556098	-1.79824	0.00108872	0.139311	-7.17817	11.7936	31.2321	2.35397	1
cg00507465	HEG1	0.0015492	0.0288768	0.744536	-1.34312	0.266575	0.875881	-1.14171	0.0967547	0.811615	-1.23211	0.00283272	0.624605	-1.60101	0.00103224	0.573161	-1.74471	0.000769924	0.5582	-1.79147	0.0155385	1.40462	1.40462	0.158325	1.18846	1.18846	0.299838	1.1309	1.1309	10.3826	2.15538	0.18453	1
ch.3.2442921F	HEG1	0.0132478	0.0128565	0.262792	-3.80528	0.00190922	0.149283	-6.69869	0.00612715	0.212814	-4.69893	0.0506284	0.381541	-2.62095	0.858012	0.925455	-1.08055	0.105187	0.464929	-2.15087	0.00705304	0.221675	-4.51112	0.10336	0.462705	-2.16121	0.065574	0.40902	-2.44487	5.39673	15.9956	2.63461	1
cg26102819	HEG1	0.0168754	0.61247	0.907351	-1.10211	0.489742	1.14287	1.14287	0.0369883	0.630623	-1.58573	0.401028	0.849076	-1.17775	0.372458	1.19039	1.19039	0.164122	1.32654	1.32654	0.000921323	2.56566	2.56566	0.0541658	1.51581	1.51581	0.243845	1.26123	1.26123	4.98172	2.85826	0.510001	1
cg22828305	HEG1	0.0265806	0.0129507	0.306559	-3.26201	0.778165	1.11434	1.11434	0.796471	0.905676	-1.10415	0.58616	0.810003	-1.23456	0.00713283	0.263938	-3.78877	0.0321666	0.382183	-2.61655	0.00786736	0.270609	-3.69536	0.0273993	0.367785	-2.71898	0.30037	0.662743	-1.50888	4.265	9.92504	2.06852	1
cg00213745	HEG1	0.0308023	0.0135356	0.142438	-7.02058	0.0215742	0.172089	-5.81096	0.026559	0.187031	-5.3467	0.281331	0.489669	-2.04219	0.0162839	0.153598	-6.51049	0.0788558	0.288094	-3.47108	0.00747276	0.111219	-8.99125	0.895207	0.919397	-1.08767	0.103351	0.321078	-3.11451	4.04865	26.0754	5.72491	1
cg00529567	HEG1	0.0357826	0.963987	0.989832	-1.01027	0.842055	0.955843	-1.0462	0.528778	0.865498	-1.1554	0.0432381	1.69276	1.69276	0.00643353	2.23053	2.23053	0.523274	1.1577	1.1577	0.00344959	2.45713	2.45713	0.264838	1.3009	1.3009	0.395511	1.21771	1.21771	3.83626	3.11325	0.721361	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23053438	HEG1	0.0359797	0.816458	0.962992	-1.03843	0.00268375	0.510176	-1.96011	0.0355206	0.672353	-1.48731	0.347626	1.16982	1.16982	0.919182	1.0166	1.0166
cg18008247	HEG1	0.0404543	0.0158396	0.308202	-3.24462	0.753223	0.881963	-1.13383	0.0317087	0.36682	-2.72614	0.261717	0.627443	-1.59377	0.0101729	0.275073	-3.6354
cg01311222	HEG1	0.0416085	0.00556533	0.181649	-5.50513	0.351451	0.638177	-1.56696	0.0452735	0.341057	-2.93206	0.0228045	0.279119	-3.58271	0.729501	1.17655	1.17655
cg22546775	HELB	8.03E-05	8.55E-06	0.586572	-1.70482	0.0103486	0.836995	-1.19475	0.314381	0.944293	-1.05899	0.345912	0.947928	-1.05493	0.0337752	0.872348	-1.14633
cg10469553	HELB	0.00191592	0.00319977	1.47673	1.47673	0.522051	0.939081	-1.06487	0.0235113	1.29961	1.29961	0.959903	1.00488	1.00488	0.0314332	0.783127	-1.27693
cg06239064	HELB	0.00207852	0.00205565	0.181549	-5.50815	0.775216	1.11907	1.11907	0.961611	1.01909	1.01909	0.115977	0.51104	-1.95679	0.00103949	0.148356	-6.74053
cg17177816	HELLS	0.000477367	0.450565	0.882929	-1.13259	0.949797	0.989854	-1.01025	0.000365791	0.396677	-2.52094	0.000918165	0.448339	-2.23045	0.00941873	0.586799	-1.70416
cg11595245	HELLS	0.00189954	0.532406	0.918106	-1.0892	0.579394	1.07858	1.07858	0.0506928	1.35098	1.35098	0.0245105	0.69628	-1.4362	0.00184321	0.550175	-1.8176
cg25065658	HELLS	0.00628501	0.0126988	0.566802	-1.76428	0.00213479	0.453425	-2.20544	0.117352	0.732128	-1.36588	0.311849	0.82548	-1.21142	0.0771321	0.69749	-1.43371
cg23309159	HELLS	0.0209739	0.0186952	0.246668	-4.05402	0.0123977	0.216823	-4.61205	0.0520823	0.337821	-2.96015	0.979185	0.987269	-1.0129	0.00209027	0.119247	-8.38593
cg07489134	HELLS	0.0287078	0.399744	1.07117	1.07117	0.62389	0.961352	-1.0402	0.883673	0.988392	-1.01174	0.0790581	0.85598	-1.16825	0.623394	0.961297	-1.04026
cg14954466	HELLS	0.0414098	0.00149547	1.67071	1.67071	0.109238	0.822183	-1.21627	0.985831	1.00199	1.00199	0.399087	1.10162	1.10162	0.723218	1.04067	1.04067
cg12849335	HELLS	0.0435097	0.825453	0.931213	-1.07387	0.641514	0.859597	-1.16334	0.501403	1.24629	1.24629	0.171601	1.59936	1.59936	0.000948442	0.203936	-4.90349
cg06334471	HELLS;HELLS	0.00274302	0.103518	1.72786	1.72786	6.66E-05	0.105916	-9.44142	0.88303	1.04626	1.04626	0.240671	1.45834	1.45834	0.0611027	0.522966	-1.91217
cg01961092	HELQ	0.00433765	0.0711205	0.659602	-1.51607	0.00721737	0.488867	-2.04555	0.0435572	0.619388	-1.6145	0.00865391	1.99542	1.99542	0.259617	0.784478	-1.27473
cg27461733	HELQ;MRPS18C	0.00664281	0.893037	1.02913	1.02913	0.769347	0.939171	-1.06477	0.0941364	1.48113	1.48113	0.0222572	0.557227	-1.7946	0.431226	0.842434	-1.18704
cg00010947	HELQ;MRPS18C	0.0298061	0.565059	1.31365	1.31365	0.0344299	3.2664	3.2664	0.142384	2.11016	2.11016	0.685758	0.826433	-1.21002	0.00247694	0.124971	-8.00186
cg25059590	HELQ;MRPS18C;HELQ	0.000335684	0.156568	0.89866	-1.11277	0.254345	0.919501	-1.08755	0.000282357	0.65808	-1.51957	0.0130449	1.24254	1.24254	0.20045	0.909051	-1.10005
cg11411228	HELT	8.24E-06	0.552114	0.910237	-1.09862	0.667359	1.06994	1.06994	0.798213	0.960736	-1.04087	0.205532	1.23222	1.23222	0.201827	1.23457	1.23457
cg18065811	HELT	9.27E-05	2.46E-05	7.12823	7.12823	0.38313	0.811155	-1.23281	0.00116338	3.05279	3.05279	0.721868	1.08724	1.08724	0.231827	0.745675	-1.34107
cg17186107	HELT	0.000162059	0.766466	0.929328	-1.07605	0.00212745	0.345637	-2.89321	0.974415	0.992139	-1.00792	0.638671	1.12343	1.12343	0.144558	0.680008	-1.47057
cg03997663	HELT	0.000317997	0.334215	1.14454	1.14454	0.0020777	0.555702	-1.79953	0.592293	0.929347	-1.07602	0.246161	1.17868	1.17868	0.741189	0.956068	-1.04595
cg04905049	HELT	0.000613464	0.0592804	0.878869	-1.13783	0.00458385	0.79544	-1.25717	0.00825484	0.814773	-1.22734	4.16E-05	0.622935	-1.6053	0.40024	0.949124	-1.0536
cg02744536	HELT	0.00193686	0.409659	1.14817	1.14817	0.355614	1.16848	1.16848	0.542323	1.10635	1.10635	0.882689	1.02449	1.02449	0.276276	1.2039	1.2039
cg07550331	HELT	0.00541202	0.13339	0.852509	-1.17301	0.00688271	0.708325	-1.41178	0.0510589	0.803314	-1.24484	0.202687	0.875854	-1.14174	0.291064	1.11403	1.11403
cg02106223	HELT	0.00637759	0.844097	0.982004	-1.01833	0.05102	1.22751	1.22751	0.0792894	1.19683	1.19683	0.906031	1.01095	1.01095	0.188232	1.13723	1.13723
cg00939735	HELT	0.00668744	0.00332793	2.05393	2.05393	0.823763	1.04099	1.04099	0.765539	1.05533	1.05533	0.00502339	0.512536	-1.95108	0.00834288	0.544932	-1.83509
cg24465674	HELT	0.00982351	0.964689	0.987295	-1.01287	0.627109	0.868146	-1.15188	0.248598	0.705864	-1.4167	0.258048	1.40617	1.40617	0.956075	1.01604	1.01604
cg17081772	HELT	0.0108852	0.840131	0.94005	-1.06377	0.532422	0.824026	-1.21355	0.000269055	6.23034	6.23034	0.488309	0.806143	-1.24047	0.465611	0.796698	-1.25518
cg17690832	HELT	0.016285	0.74365	1.13966	1.13966	0.43211	0.726591	-1.37629	0.391906	0.705086	-1.41827	0.943646	0.97223	-1.02856	0.0709246	0.447629	-2.23399
cg10815229	HELT	0.0206137	0.548579	0.867571	-1.15264	0.827836	0.950382	-1.05221	0.700762	1.09447	1.09447	0.570186	1.14369	1.14369	0.54684	0.86702	-1.15338
cg04428805	HELZ	0.00227683	0.00219426	0.134327	-7.44451	0.007858	0.203053	-4.92483	0.0149672	0.246992	-4.04871	0.395179	0.665609	-1.50238	0.00105266	0.103794	-9.63451
cg12628391	HELZ	0.00270718	0.00892627	0.496552	-2.01389	0.630559	1.10736	1.10736	0.0489771	0.623092	-1.6049	0.362614	0.82126	-1.21764	0.00282908	0.420931	-2.37568
cg18013782	HELZ	0.00307096	0.0219183	0.509585	-1.96238	0.53631	1.16595	1.16595	0.181959	0.706546	-1.41534	0.0513817	0.580504	-1.72264	0.0524518	0.582329	-1.71724
cg10696787	HELZ	0.00748869	0.79981	1.07608	1.07608	0.00727174	2.71575	2.71575	0.756373	1.09396	1.09396	0.0718259	1.78597	1.78597	0.0552188	0.5341	-1.87231
cg15015109	HELZ	0.0151273	0.830109	1.03944	1.03944	0.575868	1.10712	1.10712	0.108376	0.729537	-1.37073	0.00796906	0.542044	-1.84487	0.96367	0.991833	-1.00823
cg26387998	HELZ	0.0172243	0.0462364	0.694333	-1.44023	0.0922619	1.3445	1.3445	0.589278	1.09097	1.09097	0.689391	0.937837	-1.06628	0.236148	0.820119	-1.21934
cg16786868	HELZ	0.0226026	0.427389	0.629513	-1.58853	0.511244	1.46307	1.46307	0.964071	0.974601	-1.02606	0.00491343	0.119032	-8.40107	?	?	?
cg14526579	HELZ	0.0352193	0.00937394	0.311613	-3.20911	0.0180662	0.361901	-2.76318	0.0217648	0.377302	-2.6504	0.428963	0.751427	-1.3308	0.117659	0.548037	-1.8247
cg14116149	HEMGN	0.0164558	0.0334045	0.741205	-1.34916	0.0501877	1.30865	1.30865	0.139734	0.82576	-1.21101	0.00680643	0.655451	-1.52567	0.337969	0.887803	-1.12638
cg11728787	HEMK1	0.000617318	0.00470496	2.24536	2.24536	0.00189734	0.387622	-2.57983	0.0201769	0.546983	-1.82821	0.00835937	2.06608	2.06608	0.000126335	0.237601	-4.20873
cg12005703	HEMK1	0.000759607	9.39E-06	0.0507233	-19.7148	0.234401	0.677982	-1.47496	0.0222598	0.425605	-2.34959	0.222642	1.49119	1.49119	0.472629	1.25579	1.25579
cg19216519	HEMK1	0.000941354	0.753183	0.933036	-1.07177	0.000218326	0.258102	-3.87444	0.388685	0.823565	-1.21423	0.273119	0.778328	-1.28481	0.537604	0.871842	-1.147
cg14035045	HEMK1;C3orf18	0.0128203	0.0384233	0.360307	-2.77541	0.0671874	0.417684	-2.39415	0.104622	0.470066	-2.12736	0.279666	0.619839	-1.61332	0.00702034	0.226867	-4.40787
cg18260343	HEMK1;C3orf18	0.0151013	0.198078	1.21774	1.21774	0.00335146	0.560984	-1.78258	0.260405	0.843669	-1.1853	0.0228371	1.48355	1.48355	0.10352	1.29413	1.29413
cg03034192	HEMK1;C3orf18	0.044206	0.0117373	0.599441	-1.66822	0.0223187	0.640741	-1.56069	0.0191776	0.630845	-1.58518	0.010195	0.590587	-1.69323	0.312739	0.843876	-1.18501
cg27172877	HEPACAM	0.0129618	0.439769	0.861601	-1.16063	0.470644	1.14883	1.14883	0.0270575	1.64019	1.64019	0.13919	1.35107	1.35107	0.00124053	0.409711	-2.44074
cg18987410	HEPACAM	0.0277576	0.113799	2.79109	2.79109	0.10336	2.89451	2.89451	0.193885	2.27065	2.27065	0.299149	1.90025	1.90025	0.0835055	3.13574	3.13574
cg06142324	HEPACAM	0.0421936	0.506719	0.616216	-1.62281	0.000980035	0.0295079	-33.8892	0.16916	0.348968	-2.86559	0.596874	1.46759	1.46759	0.352257	0.502586	-1.98971
cg00166696	HEPACAM2	0.000637407	0.16771	0.736616	-1.35756	0.0329221	0.59533	-1.67974	9.19E-05	0.234131	-4.27111	5.87E-05	0.212932	-4.69634	0.0281215	0.583278	-1.71445
cg09317502	HEPACAM2	0.0323088	0.0388132	0.268635	-3.72252	0.0598651	0.311448	-3.21081	0.150125	0.42845	-2.33399	0.101818	0.373819	-2.67509	0.0440312	0.280454	-3.56564
cg11058951	HEPACAM2	0.0369128	0.0357498	0.161937	-6.17524	0.0149955	0.107741	-9.28151	0.162216	0.32896	-3.03988	0.0590384	0.204262	-4.89567	0.028593	0.145973	-6.85056
cg11494508	HEPACAM2;HEPACAM2	3.86E-08	1.04E-08	0.179778	-5.56241	0.18654	0.901057	-1.10981	6.46E-07	0.363556	-2.75061	1.56E-08	0.196017	-5.10159	0.000685969	1.4708	1.4708
cg02544502	HEPACAM2;HEPACAM2	0.00511704	0.516873	0.769467	-1.2996	0.00457673	0.221932	-4.50589	0.0190125	0.322315	-3.10256	0.00341473	0.204642	-4.88658	0.258983	0.625246	-1.59937
cg01645995	HEPACAM2;HEPACAM2	0.0180988	0.842102	1.0909	1.0909	0.773389	0.88167	-1.13421	0.00935716	0.237502	-4.21049	0.519274	0.752028	-1.32974	0.0672858	0.408835	-2.44597
cg11608424	HEPACAM2;HEPACAM2	0.0228003	0.0433724	0.356766	-2.80296	0.13047	0.484559	-2.06373	0.00552088	0.198304	-5.04275	0.00495189	0.191899	-5.21108	0.124144	0.477766	-2.09307
cg04992673	HEPACAM2;HEPACAM2	0.0287088	0.657895	1.26382	1.26382	0.965115	0.977284	-1.02324	0.028972	0.258559	-3.86759	0.057964	0.324317	-3.0834	0.496098	0.695526	-1.43776
cg11662345	HEPH	0.015402	0.0199582	0.0794649	-12.5842	0.0796444	0.173087	-5.77744	0.249265	0.337644	-2.9617	0.134073	0.232979	-4.29224	0.0273885	0.0950795	-10.5175
cg01193954	HEPH;HEPH;HEPH	0.0111257	0.0199478	0.106912	-9.35353	0.00520271	0.0531313	-18.8213	0.0339208	0.139337	-7.17687	0.235883	0.372074	-2.68764	0.00923946	0.0721015	-13.8693
cg08021299	HEPH;HEPH;HEPH	0.0133183	0.0393334	0.14488	-6.90227	0.0261253	0.117816	-8.4878	0.242174	0.370873	-2.69634	0.260282	0.386174	-2.58951	0.240814	0.369712	-2.70481
cg10587888	HEPH;HEPH;HEPH	0.0273898	0.0612447	0.225953	-4.4257	0.0133602	0.115181	-8.68198	0.0560967	0.217422	-4.59935	0.1154	0.299054	-3.34388	0.0296426	0.164365	-6.08402
cg02059755	HEPH;HEPH;HEPH	0.0367847	0.0448491	0.142465	-7.01928	0.0676333	0.17682	-5.65548	0.329195	0.42646	-2.34489	0.144484	0.265384	-3.76813	0.0507585	0.152039	-6.57728
cg02992224	HEPHL1	0.001266	0.0026689	0.317533	-3.14928	0.790449	0.929079	-1.07633	0.809737	0.935548	-1.06889	0.00049002	0.221245	-4.51987	0.139256	0.644339	-1.55198
cg11231100	HEPHL1	0.00143052	0.00106696	0.15726	-6.35889	0.0156051	0.321686	-3.10862	0.0538675	0.432886	-2.31008	0.00821125	0.274292	-3.64575	0.000189978	0.0901334	-11.0947
cg27227042	HEPHL1	0.0016344	0.000369028	0.0965793	-10.3542	0.00206281	0.168783	-5.92476	0.00258058	0.180392	-5.54347	0.00293407	0.187302	-5.33897	0.00158474	0.155816	-6.41782
cg02814482	HEPHL1	0.00354655	0.200607	0.640438	-1.56143	0.0674704	1.96472	1.96472	0.478947	1.26777	1.26777	0.0162087	0.379325	-2.63626	0.0971702	0.548769	-1.82226
cg17032161	HEPHL1	0.0118571	0.0464459	0.679071	-1.4726	0.370364	1.16893	1.16893	0.0604257	0.698166	-1.43232	0.0990204	0.735733	-1.35919	0.826041	0.963338	-1.03806
cg17053060	HEPHL1	0.0166519	0.00992934	0.196166	-5.09773	0.0773931	0.37462	-2.66937	0.0124249	0.210981	-4.73977	0.0845069	0.385072	-2.59692	0.00615971	0.167451	-5.97188
cg19970121	HEPHL1	0.038369	0.38651	0.83569	-1.19662	0.104841	1.43105	1.43105	0.0408657	0.620471	-1.61168	0.519685	1.14108	1.14108	0.134109	1.38635	1.38635
cg23507834	HEPHL1	0.0392379	0.00351957	0.0869245	-11.5042	0.0601361	0.270136	-3.70184	0.0602899	0.270401	-3.69821	0.0343993	0.218043	-4.58625	0.136199	0.371181	-2.6941
cg18109485	HEPHL1;HEPHL1	0.0206482	0.030875	0.31063	-3.21927	0.336984	0.633445	-1.57867	0.0111383	0.230471	-4.33894	0.865793	0.924948	-1.08114	0.0189054	0.269478	-3.71087
cg23934819	HEPN1	0.0338722	0.355742	0.553586	-1.8064	0.0192482	0.17159	-5.82783	0.980804	1.01509	1.01509	0.504448	0.655963	-1.52448	0.00636042	0.109601	-9.12402
cg20325560	HEPN1;HEPACAM;HEPN1	0.00495961	0.4773	0.927331	-1.07836	0.116965	0.837095	-1.19461	0.568082	1.0621	1.0621	0.477137	1.07839	1.07839	0.643487	0.952501	-1.04987
cg14182566	HERC1	2.58E-05	0.0816561	0.701146	-1.42624	0.385091	0.848878	-1.17803	0.0444593	0.654002	-1.52905	0.106336	1.38329	1.38329	2.71E-07	0.0608705	-16.4283
cg00067884	HERC1	0.000198176	0.000199964	0.207057	-4.8296	0.0154804	0.472809	-2.11502	0.0465445	0.562757	-1.77697	0.00236981	0.343335	-2.91261	0.000183171	0.202894	-4.92869
cg22532736	HERC1	0.0027146	0.629811	0.920117	-1.08682	0.0440508	1.4868	1.4868	0.809976	0.959545	-1.04216	0.0867877	0.723072	-1.38299	0.0172884	0.608306	-1.64391
cg01888129	HERC1	0.00328912	0.536693	0.925395	-1.08062	0.524073	1.0833	1.0833	0.462588	1.0971	1.0971	0.797343	0.968612	-1.03241	0.903229	0.985039	-1.01519
cg26817573	HERC1	0.00401869	0.00670628	0.56265	-1.7773	0.00472229	0.541213	-1.8477	0.00287067	0.511304	-1.95578	0.0275951	0.653073	-1.53122	0.00354787	0.523962	-1.90854
cg27625481	HERC1	0.00645845	0.216827	0.846921	-1.18075	0.00113289	1.84479	1.84479	0.0655817	1.3024	1.3024	0.21329	1.18243	1.18243	0.00338277	0.600778	-1.66451
cg18837051	HERC1	0.00666534	0.00212901	0.742234	-1.34728	0.090517	0.879154	-1.13746	0.306721	1.07581	1.07581	0.727288	1.02447	1.02447	0.0779346	0.873479	-1.14485
cg19847264	HERC1	0.0102862	0.627259	0.770981	-1.29705	0.126242	0.415079	-2.40918	0.752512	0.845237	-1.1831	0.00946373	0.17417	-5.74153	0.0251668	0.242863	-4.11755
ch.15.922567R	HERC1	0.014932	0.352013	0.749187	-1.33478	0.0154102	2.45065	2.45065	0.160334	1.57179	1.57179	0.955244	1.01707	1.01707	0.235467	1.45481	1.45481
cg23687437	HERC1	0.0192458	0.255532	0.814415	-1.22788	0.585529	1.09992	1.09992	0.0523349	1.46469	1.46469	0.0723826	0.70698	-1.41447	0.151453	0.766583	-1.30449
cg00364026	HERC1	0.0231772	0.0916992	0.606007	-1.65015	0.00520558	0.369898	-2.70345	0.143216	0.654203	-1.52858	0.0872914	0.600971	-1.66397	0.00454749	0.360788	-2.77171
cg25882473	HERC1	0.0325196	0.667374	1.20768	1.20768	0.516598	0.750496	-1.33245	0.236245	0.581769	-1.7189	0.399612	0.686365	-1.45695	0.0104174	0.244689	-4.08682
cg14549093	HERC2	2.73E-06	2.85E-05	0.220232	-4.54066	0.00330952	0.479051	-2.08746	0.833291	1.03954	1.03954	0.000628293	0.380227	-2.63001	4.87E-07	0.0746397	-13.3977
cg08281084	HERC2	1.31E-05	0.0380613	0.864116	-1.15725	5.17E-05	0.63127	-1.58411	0.00429031	0.792944	-1.26112	0.557119	1.03672	1.03672	0.000482178	0.717103	-1.3945
cg03290511	HERC2	0.00014429	0.109166	0.716241	-1.39618	0.0461838	0.646343	-1.54717	0.00169448	0.424515	-2.35563	0.00377956	0.474002	-2.1097	0.0783214	0.68822	-1.45302
cg11774232	HERC2	0.000266601	0.00851357	1.5826	1.5826	0.00978647	1.56293	1.56293	0.000325615	2.21282	2.21282	0.00159466	1.85771	1.85771	0.0122711	0.652813	-1.53183
cg19337732	HERC2	0.00220934	0.769746	0.937697	-1.06644	0.8289	0.953673	-1.04858	0.238953	1.31036	1.31036	0.616638	1.11697	1.11697	7.34E-05	0.205912	-4.85646
cg25504229	HERC2	0.00255485	0.141327	1.94989	1.94989	0.483827	1.35039	1.35039	0.794844	0.895825	-1.11629	0.365305	0.675235	-1.48097	0.0019955	0.158448	-6.31123
cg00855398	HERC2	0.00259637	0.000586552	0.396256	-2.52362	0.417065	0.865447	-1.15547	0.0115978	1.73302	1.73302	0.596511	0.911104	-1.09757	0.011443	0.576152	-1.73565
cg12605148	HERC2	0.00342169	0.0912245	0.629254	-1.58918	0.63947	1.12467	1.12467	0.0667397	1.66842	1.66842	0.60946	1.13689	1.13689	0.000466392	0.254035	-3.93647
cg10711095	HERC2	0.00446823	0.115863	0.756706	-1.32152	0.0403057	0.679487	-1.4717	0.00245479	0.502939	-1.98831	0.475975	1.1255	1.1255	0.0647499	1.40267	1.40267
cg07726456	HERC2	0.00757186	0.126473	0.659189	-1.51702	0.577875	0.867866	-1.15225	0.000706017	0.272175	-3.67411	0.00243114	0.3451	-2.89771	0.608293	0.877819	-1.13919
cg16512924	HERC2	0.00831916	0.421096	1.20259	1.20259	0.0818997	0.648755	-1.54141	0.00208186	0.378121	-2.64465	0.811879	0.947891	-1.05497	0.169847	1.38844	1.38844
cg16895086	HERC2	0.00867056	0.109949	0.741075	-1.34939	0.00241199	0.483447	-2.06848	0.351445	1.17931	1.17931	0.636921	1.08521	1.08521	0.000701867	0.41123	-2.43173
cg07567273	HERC2	0.00960516	0.0792887	0.790287	-1.26536	0.0815557	0.791973	-1.26267	0.0892012	0.797366	-1.25413	0.435613	0.908375	-1.10087	0.32056	1.13201	1.13201
cg21575005	HERC2	0.0103738	0.971347	1.00624	1.00624	0.000585407	0.398359	-2.5103	0.850638	0.967878	-1.03319	0.748734	1.05724	1.05724	0.208291	1.25829	1.25829
cg15744963	HERC2	0.0138761	0.151794	0.737839	-1.35531	0.276866	0.799371	-1.25098	0.00779717	0.508479	-1.96665	0.0360541	1.62055	1.62055	0.518312	1.13844	1.13844
cg10011015	HERC2	0.01484	0.020768	0.315861	-3.16595	0.240264	0.601063	-1.66372	0.00591956	0.225261	-4.4393	0.233104	0.595926	-1.67806	0.00475813	0.21183	-4.72076
cg10648125	HERC2	0.0161277	0.322038	0.731014	-1.36796	0.167389	1.56949	1.56949	0.0073021	0.346616	-2.88504	0.0011377	0.230866	-4.33151	0.0842632	0.557113	-1.79497
cg17393272	HERC2	0.0170746	0.129744	0.496773	-2.01299	0.271936	0.613353	-1.63038	0.0451145	0.374324	-2.67148	0.164022	0.530068	-1.88655	0.879804	1.06682	1.06682
cg22979546	HERC2	0.0175176	0.894493	1.0296	1.0296	0.00239913	0.39457	-2.5344	0.0104961	0.492603	-2.03003	0.169923	0.72514	-1.37904	0.841343	1.04505	1.04505
cg22564285	HERC2	0.0218782	0.720133	1.10641	1.10641	0.00519975	0.354681	-2.81943	0.00316968	0.322075	-3.10487	0.668757	0.886058	-1.12859	0.476486	1.22565	1.22565
cg25381836	HERC2	0.023734	0.915005	1.02313	1.02313	0.00623722	0.465976	-2.14603	0.479436	1.1665	1.1665	0.925537	0.980175	-1.02023	0.00207874	0.395187	-2.53045
cg27374167	HERC2	0.0239152	0.138952	0.603628	-1.65665	0.56224	0.830517	-1.20407	0.0916215	1.80165	1.80165	0.997396	0.998966	-1.00103	0.000677094	0.192672	-5.19016
cg19927715	HERC2	0.0244005	0.321335	0.811132	-1.23285	0.00791712	0.498678	-2.0053	0.173184	0.743709	-1.34461	0.469291	0.860355	-1.16231	0.0028065	0.431198	-2.31912
cg19563355	HERC2	0.0325558	0.969032	0.983055	-1.01724	0.0850345	0.432424	-2.31255	0.0484604	0.370641	-2.69803	0.692447	0.839441	-1.19127	0.00362967	0.176802	-5.65604
cg10013493	HERC2	0.0341283	0.108342	0.693944	-1.44104	0.334549	1.2307	1.2307	0.959747	1.01058	1.01058	0.00252949	0.417143	-2.39726	0.248297	0.777452	-1.28625
cg11412582	HERC2	0.0383031	0.0536742	3.8233	3.8233	0.794791	1.17298	1.17298	0.480012	0.64438	-1.55188	0.206526	0.442419	-2.2603	0.0596692	0.272301	-3.67241
cg04919944	HERC2	0.0417299	0.966744	1.00591	1.00591	0.121413	1.27142	1.27142	0.00744552	0.602258	-1.66042	0.775134	0.960344	-1.04129	0.326176	1.15472	1.15472
cg18093619	HERC2	0.0432737	0.424175	0.71832	-1.39214	0.473626	0.744227	-1.34368	0.90063	0.950627	-1.05194	0.64032	1.21015	1.21015	0.00156313	0.158467	-6.31046
cg09689686	HERC2	0.0449104	0.336848	1.12885	1.12885	0.353966	0.88983	-1.12381	0.0104288	1.48394	1.48394	0.548715	1.0771	1.0771	0.350312	0.888993	-1.12487
cg09410171	HERC2	0.0451205	0.400714	0.729788	-1.37026	0.0790148	0.489588	-2.04253	0.177811	1.68944	1.68944	0.899268	0.954682	-1.04747	0.0639383	2.14371	2.14371
cg20080320	HERC2	0.0451372	0.0671437	0.639455	-1.56383	0.0161698	0.526667	-1.89873	0.0440192	0.603922	-1.65584	0.917812	1.02275	1.02275	0.897114	0.972201	-1.02859
cg25619707	HERC2P2	2.24E-05	0.00510292	1.24055	1.24055	0.0030723	0.789717	-1.26628	0.767641	1.01741	1.01741	0.0110989	0.83071	-1.20379	9.29E-06	0.572504	-1.74671
cg05642024	HERC2P2	0.00287387	0.265879	1.56393	1.56393	0.350096	0.690047	-1.44918	0.964081	0.98278	-1.01752	0.25422	1.58287	1.58287	0.158624	0.559202	-1.78826
cg09242901	HERC2P2	0.00329691	0.205355	0.893679	-1.11897	0.571149	1.04933	1.04933	0.00500242	0.731628	-1.36681	0.00678305	0.7444	-1.34336	0.524401	0.947174	-1.05577
cg13771214	HERC2P2	0.0104907	0.0657474	1.89087	1.89087	0.393902	1.3092	1.3092	0.983071	1.00657	1.00657	0.38803	1.31382	1.31382	0.0486684	0.499222	-2.00312
cg12351290	HERC2P2	0.0159486	0.674121	0.893816	-1.1188	0.0704748	0.584733	-1.71018	0.0464324	0.545831	-1.83207	0.782591	1.07618	1.07618	0.318308	1.31492	1.31492
cg10777407	HERC2P2	0.0290434	0.452878	0.843391	-1.18569	0.0141659	0.509569	-1.96244	0.0067625	0.457516	-2.18571	0.505533	1.16239	1.16239	0.715524	1.08494	1.08494
cg06217267	HERC3	7.30E-06	0.000877385	0.672742	-1.48645	8.84E-05	1.74725	1.74725	0.0121606	1.28186	1.28186	0.000244584	1.61875	1.61875	5.54E-07	0.332145	-3.01073
cg18727501	HERC3	0.000355186	0.0440835	0.910642	-1.09813	0.984165	0.999197	-1.0008	0.0423642	1.09922	1.09922	0.00123593	1.21058	1.21058	0.248901	0.952402	-1.04998
cg08871609	HERC3	0.00265431	0.00294372	0.566321	-1.76578	0.157313	1.23439	1.23439	0.00127348	1.92404	1.92404	0.517927	1.09557	1.09557	0.769822	0.959967	-1.0417
cg14684716	HERC3	0.00283982	0.264684	1.39367	1.39367	0.0115689	2.46342	2.46342	0.889294	1.04057	1.04057	0.411212	1.27117	1.27117	0.000113095	0.144258	-6.93203
cg20972543	HERC3	0.00365676	0.123137	0.617895	-1.6184	0.0580559	1.85429	1.85429	0.273157	1.3892	1.3892	0.00548621	0.349057	-2.86486	0.0145242	0.419849	-2.38181
cg24750887	HERC3	0.00620198	0.00579664	0.256947	-3.89185	0.00477326	0.244494	-4.09008	0.0429545	0.416527	-2.40081	0.00735604	0.272849	-3.66503	0.0233921	0.361174	-2.76875
cg17215843	HERC3	0.0144626	0.9432	1.01784	1.01784	0.11644	0.654814	-1.52715	0.992345	0.997622	-1.00238	?	?	?	0.110775	1.53921	1.53921
cg01368133	HERC3	0.0165869	0.637688	0.892154	-1.12088	0.141922	0.683942	-1.46211	0.00157318	0.335464	-2.98095	0.233332	0.740359	-1.3507	0.861246	1.04299	1.04299
cg27571409	HERC3	0.016664	0.0418125	0.691047	-1.44708	0.295452	0.842908	-1.18637	0.0147506	0.623321	-1.60431	0.786058	0.95805	-1.04379	0.00116463	0.471862	-2.11927
cg22444231	HERC3	0.0170525	0.936988	1.01038	1.01038	0.688428	0.948735	-1.05404	0.184069	0.831962	-1.20198	0.00504172	1.62292	1.62292	0.0669296	1.30753	1.30753
cg07539802	HERC3;NAP1L5	1.06E-06	0.816615	0.984439	-1.01581	0.0274628	0.838547	-1.19254	0.700209	0.974217	-1.02647	0.0528773	1.16016	1.16016	1.47E-08	0.225501	-4.43456
cg26406256	HERC3;NAP1L5	0.00202879	0.00170809	0.580381	-1.72301	0.000193613	0.46669	-2.14275	0.0117914	0.682461	-1.46529	0.00888347	0.667319	-1.49853	0.61112	0.939608	-1.06427
cg05898246	HERC3;NAP1L5	0.0116401	0.00290092	0.451105	-2.21678	0.295031	0.809635	-1.23512	0.96056	1.00966	1.00966	0.014059	0.554591	-1.80313	0.00133256	0.40366	-2.47734
cg20278381	HERC4;HERC4	0.00981584	0.022632	0.588792	-1.69839	0.0203081	0.581039	-1.72106	0.0321419	0.61443	-1.62753	0.0260587	0.598993	-1.66947	0.00158322	0.414714	-2.4113
cg14115163	HERC4;HERC4	0.0136302	0.306953	0.874546	-1.14345	0.979834	1.00321	1.00321	0.269554	1.15688	1.15688	0.0068181	0.641298	-1.55934	0.135657	0.815603	-1.22609
cg12578567	HERC4;HERC4	0.0311935	0.959438	0.993362	-1.00668	0.0101289	1.52925	1.52925	0.00126095	1.8523	1.8523	0.781955	0.96432	-1.037	0.708445	1.05042	1.05042
cg12520628	HERC4;HERC4	0.0313966	0.833645	1.05701	1.05701	0.00990309	0.423605	-2.36069	0.00209334	0.319461	-3.13027	0.429543	1.23685	1.23685	0.330163	0.767293	-1.30328
cg01448931	HERC4;HERC4	0.0355956	0.0834831	1.48527	1.48527	0.00541076	0.469575	-2.12959	0.625227	0.903346	-1.107	0.214672	1.3096	1.3096	0.926397	0.981102	-1.01926
cg13427055	HERC5	0.0010866	0.352649	1.07002	1.07002	0.023732	1.21049	1.21049	0.855237	1.01301	1.01301	0.218985	0.912579	-1.0958	0.355521	1.06957	1.06957
cg22300794	HERC5	0.00222664	0.000687787	0.161537	-6.19051	0.289509	0.679304	-1.47209	0.115617	0.547942	-1.82501	0.136693	0.568984	-1.75752	0.00125744	0.190819	-5.24056

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23053438	0.512344	0.897827	-1.1138	0.0303406	0.661725	-1.5112	0.820329	0.963775	-1.03759	0.243585	1.21883	1.21883	3.82862	1.59517	0.370351	1
cg18008247	0.361863	0.688485	-1.45247	0.277569	0.63782	-1.56784	0.107575	2.01254	2.01254	0.0604678	0.430379	-2.32353	3.66784	9.21334	2.23282	1
cg01311222	0.338712	0.630094	-1.58707	0.0152765	0.247822	-4.03516	0.943192	0.967173	-1.03394	0.0846765	0.409368	-2.44279	3.6299	12.6113	3.08825	1
cg22546775	0.126508	0.912958	-1.09534	0.914055	1.00597	1.00597	0.148183	1.08921	1.08921	5.94E-06	0.571178	-1.75077	23.478	1.12858	0.0427287	1
cg10469553	0.290237	1.11218	1.11218	0.00491438	0.697002	-1.43472	0.00547881	0.702018	-1.42446	0.00227048	0.661262	-1.51226	9.7632	1.4509	0.132097	1
cg06239064	0.106379	0.500149	-1.9994	0.000890899	0.141486	-7.06785	0.503455	1.30578	1.30578	0.000898851	0.141875	-7.04844	9.53423	23.3146	2.17365	1
cg17177816	0.00912517	1.7099	1.7099	0.109081	1.32711	1.32711	0.00207615	0.495543	-2.01799	0.000481776	0.411957	-2.42744	14.4752	6.01376	0.369291	1
cg11595245	0.00480714	0.603191	-1.65785	0.477316	1.10255	1.10255	0.00228974	1.77904	1.77904	0.013355	1.51298	1.51298	9.7876	2.82981	0.256997	1
cg25065658	0.550641	1.11704	1.11704	0.00679231	0.525713	-1.90218	0.115923	1.36784	1.36784	0.00260318	0.465508	-2.14819	6.84031	3.64042	0.473067	1
cg23309159	0.114573	0.430483	-2.32297	0.0275356	0.278028	-3.59676	0.336083	0.614387	-1.62764	0.0368685	0.304028	-3.28917	4.62899	17.6829	3.39558	1
cg07489134	0.241651	1.10268	1.10268	0.00587907	0.750152	-1.33306	0.0981335	0.865292	-1.15568	0.0134338	1.27649	1.27649	4.15106	0.418152	0.0895412	1
cg14954466	0.366714	0.901262	-1.10956	0.740847	0.963475	-1.03791	0.205294	0.860868	-1.16162	0.621022	1.05746	1.05746	3.63634	0.723831	0.176938	1
cg12849335	0.944072	0.977616	-1.0229	0.60876	0.84656	-1.18125	0.814012	0.926779	-1.07901	0.512597	1.23897	1.23897	3.57016	5.88679	1.46568	1
cg06334471	0.153627	1.59878	1.59878	0.689237	1.13141	1.13141	0.11899	0.59468	-1.68158	0.181773	0.64703	-1.54552	8.78824	13.1311	1.32815	1
cg01961092	0.779228	1.05972	1.05972	0.00125581	2.64402	2.64402	0.477945	0.861638	-1.16058	0.195169	0.753654	-1.32687	7.66259	5.17056	0.599804	1
cg27461733	0.159098	0.725278	-1.37878	0.00017287	0.256332	-3.90118	0.32514	0.805046	-1.24216	0.357592	1.22376	1.22376	6.72385	4.85099	0.641298	1
cg00010947	0.118749	2.23251	2.23251	0.617754	0.789871	-1.26603	0.232866	1.80413	1.80413	0.887985	1.06823	1.06823	4.51147	15.3379	2.64426	1
cg25059590	0.2996	0.927002	-1.07875	5.29E-05	0.587235	-1.7029	0.00391678	1.31492	1.31492	0.0983466	1.13636	1.13636	15.9511	1.25601	0.0699923	1
cg11411228	8.63E-07	7.75231	7.75231	0.48472	1.11741	1.11741	4.62E-07	9.21369	9.21369	0.312296	1.17753	1.17753	42.6631	16.5177	0.344148	1
cg18065811	0.349795	1.25261	1.25261	0.602318	0.884239	-1.13092	0.000189985	4.35878	4.35878	1.93E-05	7.6189	7.6189	22.5939	19.597	0.770985	1
cg17186107	0.39182	0.805822	-1.24097	0.000452813	0.256604	-3.89706	8.16E-06	10.9968	10.9968	0.34363	0.786575	-1.27134	19.447	18.6509	0.8525	1
cg03997663	0.0175043	1.4799	1.4799	0.0213281	0.687269	-1.45503	2.71E-05	3.07308	3.07308	0.00117522	1.90672	1.90672	16.1897	4.71106	0.258659	1
cg04905049	0.00200248	0.76761	-1.30274	0.00212285	0.7696	-1.29938	0.0994148	1.11574	1.11574	0.290227	1.06883	1.06883	13.5	0.786203	0.0517663	1
cg02744536	0.914184	1.01782	1.01782	3.61E-05	0.271315	-3.68575	0.0357912	1.49224	1.49224	0.2538	1.21565	1.21565	9.73237	4.13874	0.378005	1
cg07550331	0.0830253	0.827649	-1.20824	0.924886	1.00934	1.00934	0.000571757	1.69163	1.69163	0.611648	1.05176	1.05176	7.16291	1.10205	0.13676	1
cg02106223	0.0928999	0.84323	-1.18592	0.247318	1.11803	1.11803	0.000151211	1.82177	1.82177	0.0824697	1.19412	1.19412	6.8094	0.917442	0.119762	1
cg00939735	0.412443	0.859925	-1.16289	0.0649071	0.688455	-1.45253	0.0463421	1.50833	1.50833	0.788138	1.0497	1.0497	6.70987	3.44648	0.456572	1
cg24465674	0.00147164	3.76505	3.76505	0.703904	0.89558	-1.11659	0.00103776	4.06704	4.06704	0.424973	0.790318	-1.26531	5.94435	7.85341	1.17436	1
cg17081772	0.56456	0.836727	-1.19513	0.162137	0.633274	-1.5791	0.056923	1.93375	1.93375	0.824483	0.934271	-1.07035	5.75191	8.53461	1.31892	1
cg17690832	0.820326	1.09486	1.09486	0.729801	0.87099	-1.14812	0.0402659	2.57012	2.57012	0.000513294	0.115292	-8.6736	5.04127	12.671	2.23419	1
cg10815229	0.834427	1.05012	1.05012	0.484032	0.846581	-1.18122	0.000375979	4.20865	4.20865	0.279844	1.30214	1.30214	5.18313	4.38542	0.658073	1
cg04428805	0.00408389	0.165066	-6.05818	0.000410633	0.0726272	-13.7689	0.20783	0.537516	-1.86041	0.00890462	0.211037	-4.7385	9.28351	32.1259	3.07603	1
cg12628391	0.000726331	0.339076	-2.94919	0.000493604	0.317254	-3.15205	0.823984	0.954201	-1.048	0.0174627	0.543956	-1.83838	8.82248	6.18822	0.62348	1
cg18013782	0.000142786	0.200338	-4.99158	0.000955951	0.299194	-3.34232	0.620632	0.884855	-1.13013	0.823699	0.946759	-1.05623	8.49892	8.09192	0.846321	1
cg10696787	0.626151	0.867908	-1.1522	0.000767333	0.229854	-4.35059	0.134865	0.628042	-1.59225	0.768465	1.08892	1.08892	6.47707	8.54206	1.17228	1
cg15015109	0.439501	1.15252	1.15252	0.00225075	2.15956	2.15956	0.950438	1.01125	1.01125	0.0412161	0.654415	-1.52808	5.16623	2.65236	0.456359	1
cg26387998	0.414806	0.875327	-1.14243	0.000985311	0.457309	-2.1867	0.217998	1.22999	1.22999	0.201297	1.24058	1.24058	4.94773	1.99966	0.359251	1
cg16786868	0.0362408	0.248896	-4.01774	0.00287161	0.0961113	-10.4046	0.289402	0.533626	-1.87397	0.182316	0.445566	-2.24434	4.59206	21.0875	4.59217	1
cg14526579	0.105191	0.534418	-1.87119	0.0110693	0.323806	-3.08827	0.589178	1.21284	1.21284	0.159457	0.587362	-1.70253	3.85839	7.65463	1.76346	1
cg14116149	0.0503494	1.30833	1.30833	0.0535479	1.30232	1.30232	0.174789	0.840394	-1.18992	0.94887	1.00776	1.00776	5.02377	1.15489	0.204342	1
cg11728787	0.0214289	0.551476	-1.81332	0.512275	0.866652	-1.15387	0.38214	0.824473	-1.2129	0.027017	0.569033	-1.75737	13.4765	9.89737	0.652817	1
cg12005703	0.362783	1.33861	1.33861	0.548973	0.82773	-1.20812	0.912826	0.966433	-1.03473	0.966074	0.986827	-1.01335	12.716	19.5776	1.36854	1
cg19216519	0.077643	0.649908	-1.53868	2.91E-05	0.16493	-6.06319	0.813188	1.05339	1.05339	0.0756502	0.647593	-1.54418	11.9697	9.15243	0.679674	1
cg14035045	0.024278	0.318931	-3.13547	0.00262702	0.169931	-5.88473	0.00293968	0.175835	-5.68715	0.0282182	0.33198	-3.01223	5.45487	15.6469	2.54971	1
cg18260343	0.690265	1.05972	1.05972	0.0297922	0.690519	-1.44819	0.432736	1.12293	1.12293	0.157642	1.24459	1.24459	5.16918	1.71689	0.295236	1
cg03034192	0.175669	0.791291	-1.26376	0.0608496	0.709276	-1.40989	0.131393	0.767384	-1.30313	0.578944	0.912902	-1.09541	3.54907	1.48547	0.372045	1
cg27172877	0.268093	1.24369	1.24369	0.0237169	1.66602	1.66602	0.335027	1.20678	1.20678	0.725745	1.06885	1.06885	5.43537	3.07676	0.503166	1
cg18987410	0.0516082	3.74978	3.74978	0.00103571	18.1523	18.1523	0.0137581	6.15327	6.15327	0.123107	2.7089	2.7089	4.20062	23.6791	5.0107	1
cg06142324	0.299982	0.462103	-2.16402	0.153989	0.333907	-2.99484	0.101196	0.275279	-3.63268	0.663672	1.36952	1.36952	3.61116	29.5428	7.27196	1
cg00166696	0.113579	1.43035	1.43035	0.872945	1.03383	1.03383	0.0232482	0.56899	-1.7575	0.285388	0.794005	-1.25944	13.3565	9.14197	0.608409	1
cg09317502	0.063	0.316927	-3.1553	0.00292023	0.105756	-9.45569	0.0100383	0.167727	-5.96206	0.198623	0.474089	-2.10931	3.98017	19.0281	4.24954	1
cg11058951	0.0469433	0.183704	-5.44355	0.0101837	0.0894391	-11.1808	0.0179657	0.11739	-8.51859	0.136858	0.303022	-3.30009	3.79312	33.348	7.81484	1
cg11494508	2.55E-05	0.537151	-1.86167	6.58E-07	0.364429	-2.74402	2.89E-05	1.84211	1.84211	0.0364879	0.834551	-1.19825	167.309	14.6694	0.0779365	1
cg02544502	0.263461	0.62823	-1.59177	0.000312056	0.0971653	-10.2917	0.027022	0.352042	-2.84057	0.0259197	0.348399	-2.87027	7.28691	18.3508	2.23851	1
cg01645995	0.603402	0.795627	-1.25687	0.000493233	0.0925576	-10.8041	0.169574	0.528212	-1.89318	0.420899	0.698603	-1.43143	4.86616	14.6644	2.67871	1
cg11608424	0.146396	0.500777	-1.9969	0.00798453	0.221277	-4.51923	0.0232263	0.300122	-3.33198	0.224914	0.568101	-1.76025	4.49836	14.0204	2.77047	1
cg04992673	0.369289	1.62326	1.62326	0.00507713	0.142829	-7.00137	0.00963451	0.178813	-5.59244	0.0796393	0.359861	-2.77885	4.15101	18.1467	3.8859	1
cg11662345	0.0694536	0.16025	-6.24026	0.00458884	0.0332981	-30.0318	0.00189638	0.0189011	-52.907	0.0135536	0.0636261	-15.7168	5.13553	66.1231	11.445	1
cg01193954	0.917823	1.08561	1.08561	0.89193	0.897454	-1.11426	0.00295158	0.0388295	-25.7536	0.00882028	0.0703722	-14.2101	5.71157	57.3049	8.91833	1
cg08021299	0.169375	0.305358	-3.27485	0.501276	1.7386	1.7386	0.000628973	0.0141409	-70.7167	0.00718134	0.0600734	-16.6463	5.38737	56.0238	9.24364	1
cg10587888	0.734464	1.27139	1.27139	0.00946569	0.0983758	-10.1651	0.00921646	0.0971696	-10.2913	0.0629891	0.228754	-4.37152	4.22037	33.2465	7.00234	1
cg02059755	0.132548	0.253193	-3.94955	0.0330961	0.12141	-8.23654	0.00276043	0.0303628	-32.9351	0.0211776	0.0958188	-10.4364	3.79793	43.0813	10.083	1
cg02992224	0.000339835	0.203034	-4.92528	0.00282145	0.321034	-3.11493	0.00232014	0.308811	-3.23823	0.00433673	0.348897	-2.86617	11.0022	13.2937	1.07402	1
cg11231100	0.0227388	0.352417	-2.83755	0.000286373	0.103802	-9.63371	0.249801	0.631238	-1.58419	0.0590078	0.442365	-2.26058	10.6235	24.6202	2.06002	1
cg27227042	0.0868719	0.46061	-2.17103	0.00170193	0.159252	-6.27937	0.148937	0.530162	-1.88622	0.0146932	0.291907	-3.42575	10.2234	27.2141	2.36616	1
cg02814482	0.000692446	0.181457	-5.51094	0.0129488	2.76428	2.76428	0.0282184	2.34924	2.34924	0.274817	0.687614	-1.4543	8.14154	14.0107	1.52968	1
cg17032161	0.260458	0.819413	-1.22039	0.0141555	1.67146	1.67146	0.259231	0.818956	-1.22107	0.00132392	0.45272	-2.20887	5.5952	2.55157	0.405358	1
cg17053060	0.00364184	0.139845	-7.1508	0.0269636	0.269801	-3.70643	0.0638923	0.352885	-2.83378	0.0677199	0.359335	-2.78292	5.00396	19.8225	3.52122	1
cg19970121	0.0637829	1.52402	1.52402	0.00802955	1.98729	1.98729	0.37109	1.20407	1.20407	0.282125	0.797713	-1.25358	3.73989	2.42182	0.575613	1
cg23507834	0.0125379	0.147075	-6.79923	0.0657655	0.279579	-3.5768	0.303117	0.517679	-1.9317	0.246237	0.473073	-2.11384	3.70929	22.3828	5.36378	1
cg18109485	0.00624471	0.193235	-5.17505	0.00891121	0.21549	-4.64058	0.15711	0.497627	-2.00954	0.018511	0.267823	-3.73381	4.65378	15.6798	2.99489	1
cg23934819	0.286115	0.501786	-1.99288	0.00638253	0.10976	-9.1108	0.313126	1.91449	1.91449	0.13876	0.370831	-2.69665	3.91315	24.0154	5.45521	1
cg20325560	0.35082	1.10546	1.10546	8.66E-05	2.08628	2.08628	0.146305	1.17683	1.17683	0.297786	0.893421	-1.11929	7.35678	1.27024	0.153478	1
cg14182566	0.202101	1.28121	1.28121	0.191722	0.775471	-1.28954	0.590758	0.904947	-1.10504	0.0213738	1.66331	1.66331	31.6885	16.9895	0.47657	1
cg00067884	0.000765837	0.27653	-3.61624	3.11E-05	0.128787	-7.76475	0.20353	1.40283	1.40283	0.00436506	0.382763	-2.61258	18.4169	18.5531	0.895463	1
cg22532736	0.0109708	0.578594	-1.72833	0.000793629	0.419439	-2.38414	0.0034752	1.97371	1.97371	0.51504	1.11982	1.11982	8.81534	4.10277	0.4137	1
cg01888129	0.0014026	0.563619	-1.77425	0.000148143	0.445593	-2.2442	0.669121	0.948115	-1.05472	0.12193	1.23094	1.23094	8.32699	2.02562	0.216231	1
cg26817573	0.254817	0.823279	-1.21465	0.00107072	0.453624	-2.20447	0.0319904	0.663007	-1.50828	0.00558385	0.551416	-1.81351	7.84146	3.3222	0.376596	1
cg27625481	0.0726429	0.774092	-1.29184	0.605461	0.935547	-1.06889	0.391313	0.893779	-1.11885	0.79937	1.0331	1.0331	6.78285	1.75609	0.230135	1
cg18837051	0.218736	0.914545	-1.09344	0.000758511	0.702931	-1.42262	0.492197	0.952971	-1.04935	0.0856883	1.14016	1.14016	6.71678	0.507297	0.067135	1
cg19847264	0.0224719	0.233849	-4.27627	0.000377561	0.0488046	-20.4899	0.920563	1.05445	1.05445	0.152553	0.442894	-2.25788	5.85746	26.2077	3.9771	1
ch.15.922567R	0.284733	1.39798	1.39798	0.00300327	0.29321	-3.41052	0.0184343	0.422327	-2.36783	0.842546	0.9418	-1.0618	5.18849	7.46983	1.27973	1
cg23687437	0.00818252	0.556978	-1.7954	0.00402695	0.512644	-1.95067	0.904197	0.979391	-1.02104	0.36967	1.17273	1.17273	4.76629	2.25781	0.42107	1
cg00364026	0.927165	1.02497	1.02497	0.243456	1.38985	1.38985	0.928854	1.02438	1.02438	0.0391478	0.525266	-1.9038	4.473	5.15402	1.02422	1
cg25882473	0.0305904	0.329936	-3.03089	0.00270283	0.163856	-6.10291	0.614928	1.2478	1.2478	0.103916	0.460224	-2.17285	3.9709	11.9799	2.6817	1
cg14549093	0.000779528	0.392585	-2.54722	2.04E-07	0.0548928	-18.2173	0.955681	0.989828	-1.01028	0.000314923	0.34162	-2.92723	56.6984	30.3887	0.476419	1
cg08281084	0.00671259	1.23804	1.23804	9.10E-06	1.79177	1.79177	0.13025	0.905503	-1.10436	1.11E-05	0.566618	-1.76486	37.7887	2.20793	0.0519363	1
cg03290511	0.0128801	0.554347	-1.80392	0.435691	1.16408	1.16408	0.00353589	0.469805	-2.12854	2.01E-06	0.106377	-9.40054	20.0656	11.5995	0.513847	1
cg11774232	0.222951	1.19135	1.19135	0.114077	1.26492	1.26492	1.74E-05	3.32855	3.32855	0.112289	1.26666	1.26666	16.9895	5.02964	0.263151	1
cg19337732	0.00441089	0.434758	-2.30013	0.418391	1.19869	1.19869	0.0730283	0.645186	-1.54994	0.0144639	0.516611	-1.93569	9.36567	7.12506	0.676234	1
cg25504229	0.789142	0.893012	-1.11981	0.000150928	0.064174	-15.5826	0.132237	1.98545	1.98545	0.122537	2.02675	2.02675	8.97451	25.3322	2.50906	1
cg00855398	0.0013556	0.444579	-2.24932	0.0731226	0.705923	-1.41659	0.929224	1.0156	1.0156	0.0238458	0.625094	-1.59976	8.93197	4.29486	0.427415	1
cg12605148	0.00466586	0.391882	-2.55179	0.00338087	0.370654	-2.69793	0.519513	0.849937	-1.17656	0.0280438	0.524042	-1.90824	8.22931	8.08203	0.87298	1
cg10711095	0.248159	0.821248	-1.21766	0.00353667	1.90594	1.90594	0.00761324	0.571338	-1.75028	0.560318	0.908411	-1.10082	7.59402	3.20022	0.374589	1
cg07726456	0.260377	0.743829	-1.34439	0.838092	0.94973	-1.05293	0.867395	1.04303	1.04303	0.00290575	0.356392	-2.8059	6.45469	6.49664	0.894665	1
cg16512924	0.178095	1.37874	1.37874	0.00288962	2.508	2.508	0.112563	0.6786	-1.47362	0.452585	0.842188	-1.18738	6.26643	4.99985	0.709226	1
cg16895086	0.58175	0.908755	-1.10041	0.749737	0.946447	-1.05658	0.490618	1.12797	1.12797	0.0376594	0.660555	-1.51388	6.18504	2.89741	0.416405	1
cg07567273	0.122462	1.22411	1.22411	0.000574276	1.90399	1.90399	0.549533	0.929454	-1.0759	0.279616	0.873019	-1.14545	5.98715	1.38408	0.205489	1
cg21575005	0.398241	0.860882	-1.1616	0.00557752	1.8785	1.8785	0.575746	1.10287	1.10287	0.980831	1.00417	1.00417	5.84155	2.77515	0.422286	1
cg15744963	0.64343	0.911833	-1.09669	0.017941	1.76734	1.76734	0.0291977	0.601217	-1.66329	0.0444203	0.633126	-1.57946	5.31539	3.30028	0.551904	1
cg10011015	0.735676	0.869113	-1.1506	0.171564	0.547374	-1.8269	0.170011	0.546022	-1.83143	0.00161006	0.153732	-6.50485	5.1991	14.1146	2.41317	1
cg10648125	0.203626	0.66301	-1.50827	0.840043	1.06385	1.06385	0.487391	1.24123	1.24123	0.2187	0.672857	-1.4862	5.05759	7.51393	1.3206	1
cg17393272	0.786647	1.12295	1.12295	0.19823	1.78822	1.78822	0.019127	0.297592	-3.3603	0.000847412	0.117169	-8.53468	4.96221	14.3586	2.57207	1
cg22979546	0.653928	0.905553	-1.1043	0.0215761	1.83433	1.83433	0.123909	0.693276	-1.44243	0.448402	0.843789	-1.18513	4.91981	3.7662	0.68046	1
cg22564285	0.617079	0.867897	-1.15221	0.100616	1.65778	1.65778	0.550862	0.843991	-1.18485	0.0702403	0.566207	-1.76614	4.56262	5.70841	1.11211	1
cg25381836	0.122809	1.43067	1.43067	0.915263	1.02306	1.02306	0.364005	0.818874	-1.22119	0.779118	1.06208	1.06208	4.43647	3.22409	0.645976	1
cg27374167	0.238139	0.675959	-1.47938	0.785796	1.09018	1.09018	0.596777	1.18438	1.18438	0.686504	1.13723	1.13723	4.42482	7.03959	1.41416	1
cg19927715	0.0840408	0.676683	-1.4778	0.363435	1.21024	1.21024	0.0428137	0.62107	-1.61012	0.0298132	0.593134	-1.68596	4.39412	2.90475	0.587603	1
cg19563355	0.00469301	0.191202	-5.23006	0.54914	0.765787	-1.30585	0.703107	1.18363	1.18363	0.186451	0.539777	-1.85262	3.96932	12.1842	2.72853	1
cg10013493	0.225006	0.766584	-1.30449	0.170976	1.35536	1.35536	0.816288	1.04974	1.04974	0.0859266	1.48562	1.48562	3.90254	2.68898	0.612475	1
cg11412582	0.303988	0.521192	-1.91868	0.0118028	0.145923	-6.85293	0.0455487	4.06943	4.06943	0.351152	1.79922	1.79922	3.74224	22.2055	5.27443	1
cg04919944	0.324884	0.865652	-1.1552	0.0755165	1.32861	1.32861	0.0537199	0.729363	-1.37106	0.0926479	0.767018	-1.30375	3.9552	1.22294	0.240488	1
cg18093619	0.141721	0.527073	-1.89727	0.741601	0.874485	-1.14353	0.0138267	0.291365	-3.43213	0.529843	0.772619	-1.2943	3.5774	9.3085	2.31292	1
cg09689686	0.176495	0.838728	-1.19228	0.025225	0.722001	-1.38504	0.968629	0.995198	-1.00483	0.0544021	0.765558	-1.30624	3.52816	0.837103	0.210901	1
cg09410171	0.0590799	0.458161	-2.18264	0.0134038	0.325806	-3.06931	0.992045	1.00366	1.00366	0.0615148	0.462393	-2.16266	3.522	7.48052	1.88795	1
cg20080320	0.958172	0.988635	-1.0115	0.0161576	1.89893	1.89893	0.207821	0.748694	-1.33566	0.533446	0.871576	-1.14735	3.52151	2.64868	0.668571	1
cg25619707	1.87E-06	0.501779	-1.99291	0.000528118	0.730165	-1.36955	0.283641	0.937178	-1.06703	0.0030851	0.789853	-1.26606	32.8667	1.76602	0.0477626	1
cg05642024	0.829358	0.920117	-1.08682	5.19E-05	0.053948	-18.5364	0.0909158	2.05104	2.05104	0.409041	1.385	1.385	8.66788	20.4253	2.09461	1
cg09242901	0.0487159	0.82746	-1.20852	0.000437905	1.59585	1.59585	0.950012	1.00529	1.00529	0.360732	0.923996	-1.08226	8.32111	0.932772	0.0996418	1
cg13771214	0.423369	0.777037	-1.28694	0.00232801	0.269368	-3.71239	0.0131728	2.58109	2.58109	0.0429823	2.05136	2.05136	5.8206	8.77388	1.3399	1
cg12351290	0.827643	0.943767	-1.05958	0.209794	1.42024	1.42024	0.0886574	0.60744	-1.64625	0.000626222	0.247602	-4.03873	5.07642	5.66422	0.991815	1
cg10777407	0.062462	1.59526	1.59526	0.806982	1.05604	1.05604	0.21257	0.746449	-1.33968	0.0369473	0.582929	-1.71548	4.13404	3.24826	0.69843	1
cg06217267	0.935643	0.993604	-1.00644	0.365822	1.07662	1.07662	0.0583286	1.18529	1.18529	0.00269989	0.719391	-1.39006	44.021	4.40162	0.088879	1
cg18727501	0.00368237	1.17217	1.17217	2.70E-05	0.71515	-1.39831	0.853719	0.992559	-1.0075	0.31517	0.958844	-1.04292	15.7056	0.407289	0.0230513	1
cg08871609	0.505837	0.910281	-1.09856	0.36295	1.13905	1.13905	0.164952	0.813617	-1.22908	0.00110388	0.511862	-1.95365	8.874	2.72502	0.27296	1
cg14684716	0.631115	0.870978	-1.14813	0.16302	1.52986	1.52986	0.0450683	1.92824	1.92824	0.488174	0.817836	-1.22274	8.69853	11.2322	1.14781	1
cg20972543	0.000418892	0.199441	-5.01402	0.011898	0.404596	-2.4716	0.936724	1.02315	1.02315	0.736505	0.907243	-1.10224	8.06721	10.6155	1.16968	1
cg24750887	0.00979843	0.292948	-3.41358	0.0652333	0.459229	-2.17756	0.00108321	0.163034	-6.13368	0.0146607	0.323106	-3.09496	6.86853	15.3778	1.99011	1
cg17215843	0.477478	1.19634	1.19634	0.408502	0.810725	-1.23346	0.48611	1.19203	1.19203	0.000490577	0.257872	-3.87789	5.34355	4.63423	0.867256	1
cg01368133	0.11238	1.51561	1.51561	0.0460461	0.576948	-1.73326	?	?	?	0.0158073	0.491	-2.03666	5.10423	4.15879	0.814774	1
cg27571409	0.945807	0.989349	-1.01077	0.814109	1.0378	1.0378	0.160738	1.26617	1.26617	0.0425049	0.692158	-1.44476	5.00275	1.96583	0.34929	1
cg22444231	0.343359	1.13592	1.13592	0.00129161	1.84446	1.84446	0.382219	1.12412	1.12412	0.915811	0.986289	-1.0139	4.96436	1.34016	0.239961	1
cg07539802	0.600956	1.03627	1.03627	0.000604526	1.42907	1.42907	6.09E-05	0.606658	-1.64837	0.00615874	0.785637	-1.27285	72.2772	5.21813	0.0641743	1
cg26406256	0.922567	0.988259	-1.01188	0.0271826	1.37382	1.37382	0.307252	0.879507	-1.137	0.271637	0.870216	-1.14914	9.60183	2.24406	0.207744	1
cg05898246	0.0901842	0.695503	-1.43781	0.0213389	0.583947	-1.71248	0.738853	0.937013	-1.06722	0.895917	1.02578	1.02578	5.62877	3.37083	0.532317	1
cg20278381	0.204819	1.29646	1.29646	0.29719	1.23336	1.23336	0.977352	1.00552	1.00552	0.35285	1.20385	1.20385	5.94584	3.54655	0.530202	1
cg14115163	0.00111533	0.544126	-1.83781	0.246308	1.16611	1.16611	0.241152	1.16826	1.16826	0.75511	1.04045	1.04045	5.34666	1.36032	0.226154	1
cg12578567	0.815325	0.969827	-1.03111	0.745655	1.04354	1.04354	0.313061	1.14642	1.14642	0.106024	1.26008	1.26008	4.03047	1.09461	0.241407	1
cg12520628	0.458495	0.819562	-1.22016	0.162982	0.675333	-1.48075	0.987065	1.00428	1.00428	0.0554028	0.564187	-1.77246	4.02115	4.42528	0.978223	1
cg01448931	0.384795	1.20201	1.20201	0.0284632	1.70558	1.70558	0.21806	0.765261	-1.30674	0.319147	0.808489	-1.23688	3.84356	2.59549	0.600252	1
cg13427055	0.000578718	1.45749	1.45749	0.0245859	0.82741	-1.20859	0.258376	1.08703	1.08703	7.64E-05	1.66086	1.66086	11.4923	0.91138	0.0704922	1
cg22300794	0.0706588	2.03498	2.03498	0.000979081	0.178282	-5.60908	0.49041	0.781616	-1.2794	0.0070685	0.293945	-3.402	9.34431	18.3079	1.74156	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02215171	HERC5	0.0386856	0.152354	0.547461	-1.82662	0.00647999	0.248881	-4.01798	0.0492308	0.41392	-2.41593	0.65756	0.839194	-1.19162	0.011129	0.286328	-3.4925
cg09168222	HERC6;HERC6	0.0014782	0.165458	0.744461	-1.34325	0.0531509	1.55004	1.55004	0.167263	0.745518	-1.34135	0.253083	0.788112	-1.26886	7.45E-05	0.238046	-4.20087
cg08422863	HERC6;HERC6	0.0036899	0.0822927	0.694572	-1.43974	0.249039	0.79602	-1.25625	0.00189866	2.30074	2.30074	0.064386	0.674725	-1.48209	0.05639	0.664274	-1.5054
cg05675249	HERC6;HERC6	0.0216908	0.794708	1.12685	1.12685	0.982022	0.989734	-1.01037	0.0714984	0.397812	-2.51375	0.585204	0.776919	-1.28714	0.00831721	0.213343	-4.68729
cg12505699	HERC6;HERC6	0.0409343	0.792134	1.06825	1.06825	0.173549	1.43611	1.43611	0.113125	0.649858	-1.5388	0.630031	1.12898	1.12898	0.01576	0.477329	-2.09499
cg09067465	HERPUD1;HERPUD1;HERPUD1	0.00559524	0.00575217	0.199171	-5.0208	0.011067	0.24161	-4.1389	0.0193802	0.283531	-3.52695	0.00212275	0.145822	-6.85768	?	?	?
cg21682826	HERPUD1;HERPUD1;HERPUD1;HERPUD1;HERPUD1;HERPUD1	0.00827593	0.215554	1.65121	1.65121	0.168199	1.75949	1.75949	0.081734	2.10058	2.10058	0.0015595	0.173889	-5.75078	0.0469684	2.39859	2.39859
cg12665951	HERPUD2	0.00669419	0.623479	0.848323	-1.1788	0.605856	1.18891	1.18891	0.853968	0.940586	-1.06317	?	?	?	0.0551825	0.485456	-2.05992
cg07287444	HERPUD2	0.00816661	0.00953474	0.402924	-2.48186	0.279638	1.36503	1.36503	0.705425	0.900199	-1.11087	0.106468	0.61384	-1.62909	0.00129021	0.272963	-3.66351
cg14484356	HERPUD2	0.0112549	0.359741	0.802891	-1.2455	0.00211889	0.365241	-2.73792	0.10322	0.659986	-1.51518	0.163406	1.41453	1.41453	0.00163439	0.34929	-2.86295
cg04396936	HERPUD2	0.0139642	0.0070461	0.517107	-1.93384	0.00893488	0.532733	-1.87711	0.953442	1.01112	1.01112	0.14234	1.348	1.348	0.779728	0.948299	-1.05452
cg10516998	HERPUD2	0.018313	0.00138426	0.464124	-2.1546	0.790691	0.956916	-1.04502	0.059716	1.42158	1.42158	0.0186238	0.623597	-1.6036	0.518854	0.897381	-1.11435
cg23280290	HERPUD2	0.0356485	0.484021	0.939429	-1.06448	0.060304	0.830163	-1.20458	0.00223141	1.45678	1.45678	0.846412	0.983107	-1.01718	0.351587	1.08787	1.08787
cg06466797	HERPUD2	0.0359506	0.980525	0.997253	-1.00275	0.7456	0.963976	-1.03737	0.082592	0.805195	-1.24193	0.226536	1.15385	1.15385	0.484612	0.923077	-1.08333
cg00966482	HERV-FRD;LOC221710;HERV-FRD	0.000633065	4.71E-05	0.296288	-3.3751	0.000954841	0.458269	-2.18212	0.0272804	0.660941	-1.51299	0.381279	0.867313	-1.15299	0.338721	0.85528	-1.16921
cg25444231	HES1	0.000740874	0.592767	1.09493	1.09493	0.255626	1.22061	1.22061	0.00752266	1.78212	1.78212	0.35345	1.17396	1.17396	0.00344616	0.513113	-1.94889
cg01637131	HES1	0.00202732	0.174081	0.865702	-1.15513	8.61E-05	0.495033	-2.02007	0.00250696	0.65789	-1.52001	0.0558887	0.805718	-1.24113	0.422431	1.08516	1.08516
cg26348180	HES1	0.0165066	0.505885	0.95035	-1.05224	0.0839908	1.15517	1.15517	0.810391	0.98203	-1.0183	0.990461	0.999099	-1.0009	0.908388	0.991353	-1.00872
cg14773685	HES1	0.0211953	0.127893	0.587883	-1.70102	0.0700262	0.520092	-1.92274	0.595789	1.18861	1.18861	0.532776	1.22618	1.22618	0.00681433	0.322593	-3.09988
cg21428647	HES1	0.0248061	0.117517	0.400211	-2.49868	0.450443	0.663569	-1.507	0.849875	0.904124	-1.10604	0.00083743	0.0572091	-17.4797	0.468263	1.48217	1.48217
cg07747635	HES1	0.0268785	0.0184504	0.806495	-1.23993	0.016977	0.803295	-1.24487	0.0173146	0.804052	-1.2437	0.670365	0.9683	-1.03274	0.190056	0.900848	-1.11007
cg18301348	HES1	0.0340229	0.495719	0.87772	-1.13932	0.618535	1.09927	1.09927	0.755811	0.942876	-1.06058	0.71213	1.07238	1.07238	0.0753072	0.688396	-1.45265
cg12961656	HES1	0.0458796	0.0482705	0.611778	-1.63458	0.00916226	0.486487	-2.05555	0.043601	0.603421	-1.65722	0.973496	1.00726	1.00726	0.00698084	0.467796	-2.13769
cg27331225	HES1	0.0488383	0.988002	0.996708	-1.0033	0.206024	1.33986	1.33986	0.108277	1.46854	1.46854	0.322439	0.799178	-1.25129	0.124265	0.694165	-1.44058
cg21503826	HES1;HES1	0.0221886	0.0954002	1.29837	1.29837	0.00529682	0.592253	-1.68847	0.00441497	0.581827	-1.71872	0.900783	1.01794	1.01794	0.870481	1.02353	1.02353
cg25598371	HES1;HES1	0.0247405	0.107182	0.613247	-1.63066	0.707499	0.900492	-1.1105	0.665662	0.886131	-1.1285	0.0296772	2.03753	2.03753	0.200597	0.686663	-1.45632
cg05594095	HES2	0.000212011	0.18216	0.758557	-1.31829	4.34E-05	0.219873	-4.54807	0.00342228	0.460186	-2.17304	0.724647	0.933308	-1.07146	1.58E-05	0.175688	-5.69192
cg17447502	HES2	0.000292875	0.000104076	0.270338	-3.69908	0.00265482	0.452719	-2.20887	0.399592	0.848412	-1.17867	0.00164726	0.423605	-2.36069	0.000117459	0.276472	-3.617
cg19195327	HES2	0.00176741	0.577893	1.04824	1.04824	0.000239364	1.66477	1.66477	0.000597888	1.55888	1.55888	0.635566	0.960777	-1.04082	0.891673	1.01149	1.01149
cg23040649	HES2	0.00442533	0.0740433	1.67715	1.67715	0.236849	0.724764	-1.37976	0.849084	0.951724	-1.05072	0.01008	2.32416	2.32416	0.669927	1.11781	1.11781
cg23603891	HES2	0.00537125	0.4412	0.896133	-1.11591	0.752551	0.956796	-1.04515	0.678065	0.943377	-1.06002	0.407785	1.12551	1.12551	0.523766	1.09442	1.09442
cg07104732	HES2	0.00576273	0.0208945	0.370917	-2.69602	0.00128547	0.187439	-5.33506	0.383672	0.727084	-1.37536	0.160288	0.585546	-1.70781	0.00186293	0.206994	-4.83105
cg25352592	HES2	0.0111047	0.0712135	0.494664	-2.02157	0.191124	0.616641	-1.62169	0.0740338	0.498868	-2.00454	0.080687	1.96724	1.96724	0.00164684	0.207235	-4.82543
cg00644814	HES2	0.019997	0.047917	0.318564	-3.13909	0.201906	0.505804	-1.97705	0.00131291	0.0938952	-10.6502	0.787956	0.872523	-1.1461	0.00959146	0.190359	-5.25324
cg03327263	HES3	0.0498412	0.62201	0.728073	-1.37349	0.0464422	4.29152	4.29152	0.0168131	6.44396	6.44396	0.0187574	6.16429	6.16429	0.945946	1.04425	1.04425
cg08122545	HES4;HES4	0.000733349	?	?	?	0.221931	1.59744	1.59744	0.000450381	0.0646276	-15.4733	0.000280604	20.6462	20.6462	0.00116477	9.31289	9.31289
cg23205003	HES4;HES4	0.00739507	0.0351261	0.69201	-1.44507	0.0106013	0.617487	-1.61947	0.659394	0.935635	-1.06879	0.00312142	1.83356	1.83356	0.0040612	0.560668	-1.78359
cg26321643	HES4;HES4	0.0162159	0.00261415	0.295619	-3.38274	0.264116	0.711534	-1.40542	0.699727	0.892871	-1.11998	0.585596	1.17465	1.17465	0.173071	1.52789	1.52789
cg02397514	HES4;HES4	0.0311985	0.00192858	0.0886873	-11.2756	0.517115	0.695911	-1.43697	0.24809	1.94739	1.94739	0.983167	1.01171	1.01171	0.724087	0.822312	-1.21608
cg01985965	HES5	5.29E-05	?	?	?	0.00171753	3.01986	3.01986	0.000514581	4.01727	4.01727	?	?	?	?	?	?
cg07836831	HES5	0.000314579	0.0940569	0.515764	-1.93887	0.0395569	2.35415	2.35415	0.00799474	3.39587	3.39587	0.000252859	8.75364	8.75364	0.0523118	0.452144	-2.21169
cg12053769	HES5	0.00222058	0.0337864	0.513686	-1.94671	0.123624	0.638778	-1.56549	0.0762631	1.69907	1.69907	0.00021902	5.23738	5.23738	0.0278244	0.497229	-2.01115
cg05697909	HES5	0.0174283	0.011152	0.364151	-2.74611	0.0133675	0.377944	-2.6459	0.843297	1.06487	1.06487	0.0705584	0.526374	-1.89979	0.00546593	0.313384	-3.19098
cg06231244	HES5	0.0221703	0.0478415	0.317641	-3.1482	0.660764	0.799431	-1.25089	0.15165	2.17855	2.17855	0.00779046	5.65061	5.65061	0.0370334	0.293032	-3.4126
cg15319457	HES6;HES6	0.000284962	0.0128316	2.95761	2.95761	0.00357799	3.99295	3.99295	0.679436	1.15697	1.15697	?	?	?	0.000106316	0.0906855	-11.0271
cg06964230	HES7;HES7	2.49E-05	0.575328	1.16411	1.16411	2.93E-06	20.0203	20.0203	0.000620707	4.11178	4.11178	0.766637	1.08318	1.08318	0.0274316	2.01447	2.01447
cg27197380	HES7;HES7	4.59E-05	0.31991	0.681459	-1.46744	2.90E-06	64.7363	64.7363	0.000286626	9.11014	9.11014	0.770198	0.896462	-1.1155	0.00107331	6.06626	6.06626
cg27592523	HES7;HES7	0.000194298	0.0432314	0.818218	-1.22217	3.41E-05	0.500394	-1.99843	0.319429	0.915056	-1.09283	0.0147508	0.771892	-1.29552	0.0120152	1.31035	1.31035
cg00435621	HES7;HES7	0.000261485	0.497509	0.770964	-1.29708	1.13E-05	33.854	33.854	0.00103826	6.26057	6.26057	0.920011	1.03866	1.03866	0.0229146	2.79498	2.79498
cg09601704	HES7;HES7	0.000757575	0.966039	0.987098	-1.01307	6.26E-06	21.7407	21.7407	0.390607	0.764672	-1.30775	0.609599	1.17009	1.17009	0.773074	1.09219	1.09219
cg06529201	HES7;HES7	0.0012384	0.296574	1.3235	1.3235	1.98E-05	9.38571	9.38571	0.126678	1.53397	1.53397	0.280336	1.33726	1.33726	0.673912	0.896189	-1.11584
cg04216289	HES7;HES7	0.00152672	0.767822	0.85407	-1.17086	4.99E-05	57.7401	57.7401	0.0447197	3.41376	3.41376	0.984017	0.989383	-1.01073	0.79898	0.872867	-1.14565
cg18686747	HES7;HES7	0.00273513	0.116904	0.807648	-1.23816	0.00265051	1.68457	1.68457	0.264543	1.15702	1.15702	0.471174	1.09629	1.09629	0.0154879	1.45129	1.45129
cg17793527	HES7;HES7	0.00296054	0.40041	0.860491	-1.16213	8.92E-05	3.40191	3.40191	?	?	?	0.941568	1.01288	1.01288	0.164726	1.29529	1.29529
cg11301069	HES7;HES7	0.00338462	0.392207	0.78244	-1.27805	4.45E-05	8.71117	8.71117	0.976504	0.991791	-1.00828	0.927364	1.02585	1.02585	0.733396	0.908746	-1.10042
cg18603276	HES7;HES7	0.00451447	0.010512	0.67295	-1.48599	0.00224514	1.69264	1.69264	0.00303115	1.64839	1.64839	0.290078	0.873645	-1.14463	0.171887	0.836179	-1.19592
cg05232479	HES7;HES7	0.00669787	0.116439	1.19795	1.19795	0.0446488	1.27644	1.27644	0.773082	0.969854	-1.03108	0.00357453	1.51867	1.51867	0.000869413	1.69715	1.69715
cg11201307	HES7;HES7	0.0137456	0.0134791	0.814763	-1.22735	0.014456	0.817344	-1.22348	0.0213566	0.831664	-1.20241	0.420126	0.947924	-1.05494	0.182129	0.911656	-1.09691
cg12205244	HES7;HES7	0.020078	0.642295	1.61425	1.61425	0.000435887	296.344	296.344	0.0591701	8.85515	8.85515	0.355521	0.377965	-2.64575	0.129426	5.35066	5.35066
cg06482074	HES7;HES7	0.0355545	0.659875	1.15745	1.15745	0.000597128	5.74998	5.74998	0.187604	0.630612	-1.58576	0.862536	1.05889	1.05889	0.613742	1.18298	1.18298
cg12727360	HES7;HES7	0.0443102	0.176043	0.860516	-1.16209	0.157562	1.17095	1.17095	0.0567963	1.25249	1.25249	0.877957	0.984081	-1.01618	0.436619	1.0864	1.0864
cg10513328	HES7;HES7	0.0453297	0.233275	0.744887	-1.34249	0.00244628	2.70073	2.70073	0.0552115	1.66897	1.66897	0.755164	1.0765	1.0765	0.984299	0.995373	-1.00465
cg07077221	HESRG;CACNA2D3	0.0179666	0.0877471	1.79972	1.79972	0.582787	1.18885	1.18885	0.616859	0.854464	-1.17032	0.116934	1.70075	1.70075	0.125923	1.67587	1.67587
cg02500264	HESX1	0.0170315	0.0859106	1.76223	1.76223	0.114991	1.66804	1.66804	0.00599118	2.92217	2.92217	0.459577	1.25207	1.25207	0.211437	0.675014	-1.48145
cg26870874	HESX1	0.0322341	0.940151	0.979524	-1.0209	0.0234861	0.474448	-2.10771	0.00296421	0.325064	-3.07631	0.323111	0.754877	-1.32472	0.702003	1.11174	1.11174
cg10608341	HESX1;HESX1	0.00259605	0.101428	0.610033	-1.63926	0.225134	1.42063	1.42063	0.0271526	0.486409	-2.05589	0.611473	0.868334	-1.15163	0.00126791	0.273582	-3.65521
cg11668148	HEXA	5.85E-06	0.413693	1.11705	1.11705	7.23E-06	0.269344	-3.71272	6.40E-07	0.164709	-6.07132	4.88E-05	0.363669	-2.74975	0.28561	1.15825	1.15825
cg24495350	HEXA	0.00622976	0.00134607	0.165318	-6.04895	0.0385236	0.396018	-2.52514	0.0131472	0.304765	-3.28121	0.0230775	0.349939	-2.85764	0.182004	0.578442	-1.72878
cg10387956	HEXA	0.0144577	0.207147	0.405116	-2.46843	0.0390225	0.197364	-5.06678	0.655757	0.737304	-1.35629	0.220064	2.4009	2.4009	0.00218731	0.0540078	-18.5158
cg25045562	HEXA	0.0178183	0.0165057	0.169511	-5.89933	0.0387979	0.234634	-4.26196	0.0142749	0.160245	-6.24044	0.233463	0.469107	-2.13171	0.0116829	0.148189	-6.74815
cg02760766	HEXA;C15orf34	0.00281756	0.0103336	0.544981	-1.83493	0.0895903	1.42138	1.42138	0.00609133	1.95965	1.95965	0.895449	1.02501	1.02501	0.00185655	0.436096	-2.29307
cg10943348	HEXA;C15orf34	0.0060724	0.0105792	2.70535	2.70535	0.0207405	0.422396	-2.36745	0.837893	1.06546	1.06546	0.0088354	0.356397	-2.80586	0.00132662	0.235738	-4.242
cg05805038	HEXA;HEXA;C15orf34	0.0339275	0.279673	0.785815	-1.27256	0.309796	1.25283	1.25283	0.318488	1.24748	1.24748	0.881258	1.03258	1.03258	0.74459	0.932292	-1.07263
cg08548086	HEXB	0.00204794	0.125788	1.19156	1.19156	0.0366755	0.773501	-1.29282	0.000196428	1.93927	1.93927	0.0900346	0.820639	-1.21856	0.768155	1.03177	1.03177
cg11205224	HEXB	0.00315534	0.0176188	0.604515	-1.65422	0.558192	0.901935	-1.10873	0.00974367	0.565627	-1.76795	0.00398011	0.509239	-1.96371	0.000691092	0.405448	-2.46641
cg20482071	HEXB	0.00997866	0.429681	0.876954	-1.14031	0.457652	1.1311	1.1311	0.134213	1.30089	1.30089	0.595739	1.09113	1.09113	0.105742	1.3335	1.3335
cg00567833	HEXB	0.0153495	0.0954705	0.576632	-1.73421	0.260155	0.702537	-1.42341	0.100358	1.71788	1.71788	0.422176	0.781567	-1.27948	0.000735651	0.214011	-4.67266
cg07696658	HEXB	0.0214765	0.631699	0.890143	-1.12341	0.000998925	3.24662	3.24662	0.66303	0.899741	-1.11143	0.811438	1.05928	1.05928	0.254681	0.750824	-1.33187
cg17837789	HEXDC	4.92E-06	1.74E-07	0.216523	-4.61844	0.040005	0.798066	-1.25303	0.000214112	0.555738	-1.79941	3.56E-06	0.355578	-2.81232	0.000283131	0.569093	-1.75718
cg11588288	HEXDC	0.00151715	3.15E-05	0.208384	-4.79883	0.0882132	0.695132	-1.43857	0.7103	1.07479	1.07479	0.0640018	1.49539	1.49539	0.725791	0.934198	-1.07044
cg23565607	HEXDC	0.00160117	0.01225	0.713028	-1.40247	0.65919	1.04929	1.04929	0.000147125	0.49277	-2.02934	0.425614	1.09219	1.09219	0.154556	0.847746	-1.1796
cg15740385	HEXDC	0.00320252	0.207854	0.744331	-1.34349	0.245598	1.30999	1.30999	0.000817031	0.325706	-3.07026	0.904954	0.973791	-1.02691	0.00391729	0.421777	-2.37092
cg06085905	HEXDC	0.00391544	0.00760622	0.463514	-2.15743	0.000732732	0.31672	-3.15736	0.0121112	0.496242	-2.01515	0.112325	1.47298	1.47298	0.0289367	0.561615	-1.78058
cg23886776	HEXDC	0.00777176	0.0282224	0.248708	-4.02078	0.459344	0.667236	-1.49872	0.0812763	0.354197	-2.82329	0.196269	0.480059	-2.08308	0.000245091	0.0385992	-25.9073
cg16535788	HEXDC	0.0113045	0.0344508	0.482759	-2.07143	0.261531	0.707728	-1.41297	0.00243742	0.287798	-3.47466	0.00748278	0.361831	-2.76372	0.00173793	0.267523	-3.738
cg11952344	HEXDC	0.0115465	0.000392098	0.336862	-2.96857	0.265277	1.25057	1.25057	0.0490513	0.648716	-1.54151	0.42095	0.853554	-1.17157	0.556963	0.891891	-1.12121
cg24555639	HEXDC	0.0227321	0.0508027	0.293038	-3.41253	0.00835344	0.155811	-6.41803	0.313632	0.562779	-1.7769	0.241602	0.50858	-1.96626	0.00159444	0.0821749	-12.1692
cg15220605	HEXDC	0.0246818	0.247656	1.41846	1.41846	0.0705742	1.794	1.794	0.982736	0.993762	-1.00628	0.876149	0.955894	-1.04614	0.115009	0.609172	-1.64157
cg20889826	HEXDC	0.0343737	0.0231108	0.420645	-2.3773	0.021568	0.414852	-2.4105	0.0811507	0.539861	-1.85233	0.850649	1.06194	1.06194	0.00209691	0.251647	-3.97382
cg13652281	HEXDC	0.038356	0.598366	0.752478	-1.32894	0.480659	1.46746	1.46746	0.674735	0.797872	-1.25333	0.885679	0.925922	-1.08001	0.00302475	0.113685	-8.79622
cg08704611	HEXDC;C17orf101;C17orf101	0.0267532	0.132657	1.84951	1.84951	0.192814	0.59407	-1.6833	0.54489	0.794591	-1.25851	0.251448	0.636485	-1.57113	0.532188	0.788639	-1.26801
cg19179572	HEXDC;C17orf101;C17orf101	0.0303683	0.246761	0.74066	-1.35015	0.0306588	0.532911	-1.87649	0.0170758	0.486412	-2.05587	0.112872	0.651976	-1.5338	0.0807783	0.618791	-1.61605
cg12866859	HEXIM1	0.00173271	0.0142386	0.573284	-1.74434	0.0011509	2.40871	2.40871	0.771957	1.05493	1.05493	0.128759	1.35268	1.35268	0.00391427	0.489408	-2.04329
cg01835665	HEXIM1	0.00374861	0.959398	1.01224	1.01224	0.589874	0.878036	-1.13891	0.380877	0.806674	-1.23966	0.0103951	2.16257	2.16257	0.00102404	0.312394	-3.20109
cg04700814	HEXIM1	0.0061685	0.0534543	0.459211	-2.17765	0.117217	0.546774	-1.82891	0.0221335	0.377827	-2.64671	0.942266	1.02603	1.02603	0.0179118	0.360314	-2.77536
cg27610671	HEXIM1	0.0286854	0.601873	1.07927	1.07927	0.102318	1.29578	1.29578	0.000570818	2.16665	2.16665	0.392431	0.880755	-1.13539	0.490785	0.90354	-1.10676
cg11068337	HEXIM1	0.0493989	0.0106122	0.556289	-1.79763	0.634418	0.916285	-1.09136	0.226119	0.792971	-1.26108	0.0444979	1.52367	1.52367	0.0584667	0.676936	-1.47724
cg03572011	HEXIM1;HEXIM1	2.62E-05	2.77E-05	0.287052	-3.48369	0.00811086	1.66919	1.66919	0.0915151	1.32426	1.32426	0.00616581	1.71597	1.71597	0.000772936	0.463367	-2.15812
cg05092310	HEXIM1;HEXIM1	0.00275286	0.0556193	1.73111	1.73111	0.961579	0.987886	-1.01226	0.00293184	2.81194	2.81194	0.11684	1.53888	1.53888	0.0901865	1.60394	1.60394
cg03071457	HEXIM2	0.00033558	0.251529	1.18662	1.18662	0.673175	0.941201	-1.06247	0.459401	1.1136	1.1136	0.233465	0.836578	-1.19535	0.268674	0.848269	-1.17887
cg17416383	HEXIM2	0.00553528	0.989536	1.00187	1.00187	0.0070889	1.64286	1.64286	0.221679	0.832532	-1.20116	0.00472517	1.70839	1.70839	0.000726517	2.0819	2.0819
cg08351131	HEXIM2	0.00776969	0.0333255	0.470327	-2.12618	0.562185	0.837171	-1.1945	0.0705158	0.541714	-1.84599	0.0244747	0.443591	-2.25433	0.00156068	0.251893	-3.96994
cg23218895	HEXIM2	0.0164476	0.72347	1.05831	1.05831	0.0917552	0.743653	-1.34471	0.0858326	0.7387	-1.35373	0.215648	0.812287	-1.23109	0.063923	0.717332	-1.39405
cg11155621	HEXIM2	0.0184086	0.358969	1.2181	1.2181	0.273547	0.787943	-1.26913	0.528877	0.87508	-1.14275	0.277088	0.789435	-1.26673	0.510701	1.14975	1.14975
cg17104422	HEY1;HEY1	0.000343961	0.0283992	0.570524	-1.75278	0.0158914	0.521974	-1.91581	3.68E-05	0.120483	-8.29994	?	?	?	0.246183	1.28556	1.28556
cg22600312	HEY1;HEY1	0.00224548	0.506046	1.06025	1.06025	0.420551	1.07396	1.07396	0.480706	0.939736	-1.06413	0.216239	0.893292	-1.11945	0.557608	0.949875	-1.05277
cg04101874	HEY1;HEY1	0.00608199	0.626128	1.0503	1.0503	0.218202	0.878572	-1.13821	0.0351207	0.782444	-1.27805	0.0446333	0.794183	-1.25916	0.00195938	1.54886	1.54886
cg26047313	HEY1;HEY1	0.0120698	0.998636	1.00026	1.00026	0.00602878	1.71456	1.71456	0.244193	1.20093	1.20093	0.0156515	0.640645	-1.56093	0.230023	1.20835	1.20835
cg04249769	HEY1;HEY1	0.0200342	0.53358	0.954611	-1.04755	0.675961	0.969506	-1.03145	0.142457	1.12317	1.12317	0.0942307	0.873244	-1.14516	0.204141	1.10377	1.10377
cg24785532	HEY1;HEY1	0.0344791	0.00167891	0.174944	-5.7161	0.00744659	0.262472	-3.80993	0.147216	0.546797	-1.82883	0.160062	0.558463	-1.79063	0.0641919	0.446098	-2.24166
cg15576233	HEY1;HEY1;HEY1;HEY1	0.0416252	0.190659	1.18494	1.18494	0.437104	1.10194	1.10194	0.961309	1.00596	1.00596	0.0727235	1.27783	1.27783	0.0441672	1.32727	1.32727
cg24881607	HEY2	0.000153185	0.0191788	1.7982	1.7982	0.000659055	0.339465	-2.94581	0.00281861	0.426595	-2.34415	0.20282	0.757003	-1.321	0.535684	1.13868	1.13868
cg04787432	HEY2	0.00129927	0.148327	2.08725	2.08725	0.00119939	0.105166	-9.50874	0.0654994	0.374904	-2.66735	0.311683	1.64332	1.64332	?	?	?
cg13799242	HEY2	0.0023852	0.00442998	0.176292	-5.67241	0.00057606	0.0876138	-11.4137	0.00438053	0.17567	-5.69249	0.00973911	0.224422	-4.45589	0.01958	0.275498	-3.62979
cg22168941	HEY2	0.00239461	0.0205973	0.538828	-1.85588	0.0459519	1.66065	1.66065	0.0150012	1.94063	1.94063	0.000681558	3.16102	3.16102	0.15834	0.71578	-1.39708
cg22124590	HEY2	0.0052963	0.0313986	2.95636	2.95636	0.000697785	0.10854	-9.21323	0.0229354	0.310862	-3.21686	0.0534412	0.389851	-2.56508	0.575273	0.784208	-1.27517
cg10308749	HEY2	0.00567231	0.722802	1.10202	1.10202	0.130214	1.56178	1.56178	0.000512217	0.227724	-4.39129	0.60553	0.867528	-1.1527	0.133623	1.55473	1.55473
cg08172044	HEY2	0.00830914	0.437101	1.27482	1.27482	0.0893141	0.563366	-1.77505	0.878041	1.04816	1.04816	0.970332	0.988674	-1.01146	0.770669	0.914364	-1.09366
cg23407970	HEY2	0.0115923	0.186865	0.772561	-1.2944	0.0498746	1.5106	1.5106	0.495013	1.13632	1.13632	0.755752	0.944075	-1.05924	0.666734	1.08318	1.08318
cg10291555	HEY2	0.0121417	0.0551426	0.481251	-2.07792	0.00118701	4.94804	4.94804	0.797972	1.09011	1.09011	0.214548	1.55196	1.55196	0.776449	1.10049	1.10049
cg22060817	HEY2	0.0406975	0.853311	0.911932	-1.09657	0.243419	0.542217	-1.84428	0.0023807	0.107761	-9.27981	0.0428811	0.305261	-3.27588	0.522306	0.723543	-1.38209
cg02797038	HEY2	0.0462091	0.0844609	0.604168	-1.65517	0.0289662	1.97346	1.97346	0.0507656	1.79971	1.79971	0.0219439	0.483953	-2.06632	0.857592	1.04857	1.04857
cg10911889	HEY2;HEY2	0.00136846	0.963501	0.995218	-1.00481	0.00791026	1.42882	1.42882	0.243458	1.13639	1.13639	0.000504209	0.565723	-1.76765	0.526217	0.934935	-1.06959
cg00034101	HEYL	0.0016373	0.00455447	4.7841	4.7841	0.00105887	7.43158	7.43158	0.0731808	2.28818	2.28818	0.153797	1.88245	1.88245	0.0118471	3.67518	3.67518
cg17602126	HEYL	0.0105525	0.0416304	3.62159	3.62159	0.0631727	3.14237	3.14237	0.370303	1.65544	1.65544	0.324496	1.74626	1.74626	0.0206328	4.606	4.606
cg17449954	HEYL	0.01752	0.0742787	4.61047	4.61047	0.177202	3.0106	3.0106	0.446383	1.81563	1.81563	0.241541	2.56519	2.56519	0.0348175	6.6216	6.6216
cg12160637	HEYL	0.0178003	0.0376219	3.52049	3.52049	0.0407688	3.42993	3.42993	0.168036	2.15267	2.15267	0.142932	2.27428	2.27428	0.031542	3.72803	3.72803
cg13457165	HEYL	0.0204373	0.03549	13.8377	13.8377	0.00826422	37.5171	37.5171	0.0495303	11.0796	11.0796	0.112225	6.3983	6.3983	0.0244851	17.7482	17.7482
cg06154570	HEYL	0.0257245	0.039501	3.90289	3.90289	0.0280566	4.40888	4.40888	0.172817	2.29227	2.29227	0.519069	1.45318	1.45318	0.0130042	5.82527	5.82527
cg23037132	HEYL	0.0307458	0.0392094	10.9194	10.9194	0.0342621	11.877	11.877	0.251665	3.31953	3.31953	0.163891	4.4297	4.4297	0.0414342	10.5506	10.5506
cg04977528	HEYL	0.0371716	0.0800894	0.329915	-3.03108	0.00337346	0.102595	-9.74705	0.0251653	0.218573	-4.57514	0.211341	0.471425	-2.12123	0.00750914	0.140159	-7.13475
cg12634306	HEYL	0.0404697	0.0374618	17.324	17.324	0.0500125	14.014	14.014	0.318284	3.38209	3.38209	0.1848	5.26697	5.26697	0.0787672	10.0353	10.0353
cg05720261	HEYL;HEYL	0.0309008	0.0274351	33.0333	33.0333	0.0371389	25.6437	25.6437	0.104115	10.83	10.83	0.0631363	16.4827	16.4827	0.0213639	40.7761	40.7761
cg26036288	HFE2;HFE2;HFE2;HFE2	0.0121296	0.132072	0.603072	-1.65818	0.00557661	0.322172	-3.10393	0.00472515	0.311052	-3.2149	0.147275	0.616399	-1.62233	0.000956823	0.216315	-4.6229
cg07136254	HFE2;HFE2;HFE2;HFE2	0.0216535	0.027518	0.261261	-3.82759	0.0318561	0.273854	-3.65158	0.021204	0.240143	-4.16419	0.516123	1.40356	1.40356	0.0431053	0.30171	-3.31444
cg14599576	HFE2;HFE2;HFE2;HFE2	0.049996	0.0377971	0.309464	-3.23139	0.249958	0.556878	-1.79572	0.0810897	0.38996	-2.56437	0.0683128	0.370157	-2.70156	0.00371044	0.148239	-6.74589
cg00987513	HFE2;HFE2;HFE2;HFE2;HFE2;HFE2;HFE2;HFE2	0.00461395	0.275175	0.853065	-1.17224	0.00107108	0.508385	-1.96702	0.000462563	0.462431	-2.16248	0.536025	0.916015	-1.09168	0.570885	0.922955	-1.08348
cg06589885	HFE2;HFE2;HFE2;HFE2;HFE2;HFE2;HFE2;HFE2	0.00868587	0.222015	0.67863	-1.47356	0.100422	0.580652	-1.7222	0.00346383	0.301578	-3.31589	0.00361799	0.304368	-3.28549	0.00671734	0.345849	-2.89144

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02215171	0.0554273	0.426069	-2.34704	0.0246724	0.349504	-2.8612	0.0474941	0.410309	-2.43719	0.623577	0.823341	-1.21456	3.72864	9.11906	2.17394	1
cg09168222	0.0178977	0.563244	-1.77543	0.00497256	0.476283	-2.09959	0.0437594	1.58782	1.58782	0.113937	0.709603	-1.40924	10.5238	6.63236	0.560199	1
cg08422863	0.016222	0.573084	-1.74494	0.0199927	0.587658	-1.70167	0.518035	1.13211	1.13211	0.00735391	1.92349	1.92349	8.0454	4.56837	0.504732	1
cg05675249	0.0363934	0.32824	-3.04655	0.056589	0.372164	-2.68699	0.00855215	4.64802	4.64802	0.584433	0.776508	-1.28782	4.57609	15.2019	2.9529	1
cg12505699	0.902113	1.03123	1.03123	0.258485	0.744746	-1.34274	0.00698949	2.39172	2.39172	0.76758	1.07689	1.07689	3.6519	3.6138	0.879615	1
cg09067465	0.00744632	0.215143	-4.64808	0.00864108	0.224796	-4.44848	0.0179447	0.277433	-3.60447	0.0119481	0.247018	-4.0483	7.24057	20.2592	2.79801	1
cg21682826	?	?	?	0.817608	1.09295	1.09295	0.024857	0.357914	-2.79397	0.117807	1.92222	1.92222	6.40498	13.3479	2.08399	1
cg12665951	0.405485	0.753566	-1.32702	0.000157754	0.116637	-8.5736	?	?	?	0.507947	0.799889	-1.25017	7.02415	9.56252	1.55586	1
cg07287444	0.102225	0.609484	-1.64073	0.00418215	0.345629	-2.89327	0.940183	1.02099	1.02099	0.0108647	0.41254	-2.42401	6.3031	7.65168	1.07907	1
cg14484356	0.442834	0.833247	-1.20012	0.193515	1.37819	1.37819	0.498459	0.851961	-1.17376	0.121622	0.676213	-1.47882	5.69032	4.89862	0.765216	1
cg04396936	0.131224	1.36142	1.36142	0.0153212	0.569155	-1.75699	0.433694	1.1633	1.1633	0.0300746	0.616898	-1.62101	5.30434	3.01168	0.50469	1
cg10516998	0.46606	0.884435	-1.13067	0.0350657	0.665955	-1.5016	0.108575	0.748429	-1.33613	0.589594	0.913784	-1.09435	4.84693	2.10408	0.385873	1
cg23280290	0.616042	0.956553	-1.04542	0.102043	0.854516	-1.17025	0.94449	0.993901	-1.00614	0.235697	1.11536	1.11536	3.84149	0.469585	0.108658	1
cg06466797	0.0713982	0.79698	-1.25474	0.00106932	0.579954	-1.72427	0.922891	1.01097	1.01097	0.664368	0.951991	-1.05043	3.82974	0.77039	0.178809	1
cg00966482	0.246833	1.21163	1.21163	0.00566084	1.77798	1.77798	0.563266	1.09706	1.09706	0.0322509	0.671985	-1.48813	13.382	5.32595	0.353772	1
cg25444231	0.000261168	0.36478	-2.74138	0.000532422	0.404201	-2.47402	0.0999535	1.35366	1.35366	0.0811635	0.722679	-1.38374	12.8055	5.72302	0.397262	1
cg01637131	0.0809585	0.824486	-1.21288	0.00238181	0.655472	-1.52562	0.58414	0.946363	-1.05668	0.912857	1.01098	1.01098	9.60386	1.51303	0.140039	1
cg26348180	0.230069	1.09966	1.09966	0.000819816	0.683573	-1.4629	0.190999	1.11011	1.11011	0.0480711	1.18585	1.18585	5.01861	0.452389	0.0801264	1
cg14773685	0.0465226	0.479129	-2.08712	0.0072862	0.327276	-3.05553	0.0110751	0.357672	-2.79585	0.83742	1.06856	1.06856	4.61242	7.60893	1.46637	1
cg21428647	0.557714	1.37142	1.37142	0.905387	1.06528	1.06528	?	?	?	0.0896291	0.364068	-2.74674	4.91383	19.1529	3.41053	1
cg07747635	0.0020515	0.721223	-1.38653	0.088752	0.86827	-1.15172	0.180719	0.898587	-1.11286	0.451946	0.943974	-1.05935	4.24838	0.380872	0.0796899	1
cg18301348	0.0264306	0.608793	-1.64259	0.00414463	0.484458	-2.06416	0.0642057	0.675614	-1.48013	0.10233	1.40088	1.40088	3.90689	2.19989	0.500516	1
cg12961656	0.077736	0.652571	-1.5324	0.1452	0.711353	-1.40577	0.38827	0.824877	-1.2123	0.119504	0.692248	-1.44457	3.50003	2.62771	0.66735	1
cg27331225	0.610444	1.11928	1.11928	0.00469122	0.438554	-2.28022	0.261682	1.29267	1.29267	0.228177	1.31971	1.31971	3.4185	2.60437	0.677197	1
cg21503826	0.395041	0.883248	-1.13219	0.587718	0.92495	-1.08114	0.100232	1.29262	1.29262	0.747455	1.04712	1.04712	4.54062	1.46077	0.285967	1
cg25598371	0.0674599	1.76781	1.76781	0.00273363	0.316588	-3.15867	0.983751	0.994353	-1.00568	0.262928	0.72285	-1.38341	4.37307	5.35543	1.08857	1
cg05594095	0.0284874	0.603814	-1.65614	0.0280713	0.602731	-1.65911	0.0176972	0.569509	-1.7559	0.000472246	0.342382	-2.92072	18.0828	10.9069	0.536149	1
cg17447502	0.00337555	0.467667	-2.13827	0.000395849	0.341149	-2.93127	0.000289373	0.323955	-3.08685	0.0166098	0.572562	-1.74654	16.5587	9.53059	0.511613	1
cg19195327	0.186931	1.1244	1.1244	0.00916061	0.75776	-1.31968	0.0378247	1.22368	1.22368	0.21077	1.11686	1.11686	9.99459	1.11198	0.0988961	1
cg23040649	0.434403	1.23019	1.23019	0.000238917	0.205986	-4.8547	0.574378	1.1588	1.1588	0.0706576	0.591744	-1.68992	7.61627	8.13782	0.949758	1
cg23603891	0.000793734	2.02933	2.02933	0.000911657	0.500373	-1.99851	0.33683	1.14829	1.14829	0.220403	1.19711	1.19711	7.17954	2.21709	0.274495	1
cg07104732	0.0231975	0.379735	-2.63342	0.00494553	0.265005	-3.77351	0.00359704	0.244996	-4.08171	0.329288	0.698221	-1.43221	7.02602	14.1654	1.79212	1
cg25352592	0.0365715	0.428032	-2.33627	0.00361637	0.252676	-3.95764	0.680728	0.865441	-1.15548	0.11376	0.548247	-1.82399	5.71505	11.0431	1.71758	1
cg00644814	0.0364113	0.292225	-3.42203	0.0158636	0.22437	-4.45693	0.278725	0.565696	-1.76773	0.419904	0.659118	-1.51718	4.7048	19.0655	3.60209	1
cg03327263	0.0448927	4.34966	4.34966	0.463813	1.60993	1.60993	0.0155669	6.64917	6.64917	0.37485	1.78905	1.78905	3.39223	21.9116	5.74164	1
cg08122545	0.0166011	3.28133	3.28133	0.0156727	0.299245	-3.34175	0.671261	0.859602	-1.16333	0.520836	0.793111	-1.26086	31.4568	50.6468	1.00628	1
cg23205003	0.651325	1.07062	1.07062	0.739081	1.05142	1.05142	0.985667	0.997309	-1.0027	0.0649535	0.732817	-1.3646	6.50263	2.31705	0.316733	1
cg26321643	0.151554	0.638103	-1.56715	0.012107	0.400696	-2.49565	0.341663	0.750908	-1.33172	0.00534537	0.342057	-2.92349	5.04842	6.83508	1.20347	1
cg02397514	0.149948	0.42658	-2.34423	?	?	?	0.255255	1.92632	1.92632	0.107137	2.64003	2.64003	4.09745	17.575	4.28925	1
cg01985965	?	?	?	1.41E-05	13.9051	13.9051	3.41E-05	9.5789	9.5789	0.582702	0.887316	-1.12699	58.2117	22.4827	0.463468	1
cg07836831	0.0021716	4.69875	4.69875	0.00329752	4.21963	4.21963	7.05E-05	13.5713	13.5713	0.228215	0.634532	-1.57596	16.2377	33.265	1.821	1
cg12053769	0.0487954	1.83078	1.83078	0.843954	1.05439	1.05439	0.0297427	1.98875	1.98875	0.103892	0.620086	-1.61268	9.35178	10.6976	1.01681	1
cg05697909	0.214851	0.660591	-1.5138	0.00346608	0.283632	-3.5257	0.0600506	0.509861	-1.96132	0.190415	0.64383	-1.5532	4.92825	7.87071	1.41961	1
cg06231244	0.386727	1.56792	1.56792	0.135871	0.442791	-2.2584	0.258911	1.81677	1.81677	0.053776	0.32955	-3.03444	4.54191	18.4828	3.61724	1
cg15319457	0.000243434	0.119019	-8.40201	0.215147	0.632665	-1.58062	0.0475737	2.21462	2.21462	0.411369	1.34278	1.34278	17.0977	29.6347	1.73326	1
cg06964230	1.06E-05	12.4929	12.4929	0.000142752	5.81514	5.81514	0.000464705	4.3847	4.3847	6.53E-05	7.15488	7.15488	31.9738	36.498	1.01466	1
cg27197380	7.49E-05	14.6228	14.6228	0.0006375	7.0781	7.0781	0.220959	1.61628	1.61628	0.000486471	7.69172	7.69172	27.2306	60.0482	1.96015	1
cg27592523	0.227965	0.896567	-1.11537	8.05E-05	1.8479	1.8479	0.587995	1.04832	1.04832	0.635205	0.959606	-1.04209	18.5158	2.18285	0.104793	1
cg00435621	0.000647442	7.21331	7.21331	0.0196305	2.89987	2.89987	0.846191	0.929282	-1.0761	0.0011784	6.03359	6.03359	17.0795	38.5799	2.00786	1
cg09601704	0.224023	1.47639	1.47639	0.653549	1.14775	1.14775	0.382214	1.31434	1.31434	0.169463	1.5627	1.5627	12.7256	18.7493	1.30965	1
cg06529201	0.00562078	2.56357	2.56357	0.00695703	2.47012	2.47012	0.443755	1.22411	1.22411	0.888497	0.964321	-1.037	11.0717	11.7608	0.944209	1
cg04216289	0.0031272	8.60977	8.60977	0.0754817	2.87015	2.87015	0.896234	0.932838	-1.072	0.00313955	8.59701	8.59701	10.4264	46.8806	3.99673	1
cg18686747	0.641404	1.06059	1.06059	0.000837472	0.532434	-1.87817	0.0785706	1.27767	1.27767	0.0109049	1.49301	1.49301	8.79574	2.19116	0.221436	1
cg17793527	0.0205285	1.6277	1.6277	0.505135	1.12529	1.12529	0.353307	1.18141	1.18141	0.00642264	1.85676	1.85676	8.78354	3.76778	0.428959	1
cg11301069	0.958985	0.985709	-1.0145	0.268067	0.724058	-1.38111	0.822948	1.06473	1.06473	0.0753398	1.7405	1.7405	8.25615	10.243	1.1028	1
cg18603276	0.293649	1.14341	1.14341	0.269563	0.868104	-1.15194	0.39389	0.898133	-1.11342	0.036887	0.742146	-1.34744	7.57034	1.8146	0.213065	1
cg05232479	0.253301	1.13464	1.13464	0.735157	0.964691	-1.0366	0.00221833	1.57436	1.57436	0.952958	1.00627	1.00627	6.70662	1.19064	0.157806	1
cg11201307	0.866123	1.01098	1.01098	0.0972744	0.887376	-1.12692	0.00114275	0.718928	-1.39096	0.237327	1.08404	1.08404	6.00502	0.38994	0.0505055	1
cg12205244	0.159675	4.65625	4.65625	0.275659	3.19295	3.19295	0.921392	0.903892	-1.10633	0.174733	4.38299	4.38299	4.69834	77.983	14.7538	1
cg06482074	0.739595	1.11643	1.11643	0.808335	0.922898	-1.08354	0.940187	0.975528	-1.02509	0.568446	1.20964	1.20964	3.84517	6.63828	1.53457	1
cg12727360	0.113293	0.835306	-1.19717	0.634966	1.05121	1.05121	0.0515643	0.793423	-1.26036	0.0114764	0.718742	-1.39132	3.54595	0.6124	0.153515	1
cg10513328	0.693936	1.09769	1.09769	0.144101	0.690868	-1.44745	0.203791	1.37175	1.37175	0.630808	1.12088	1.12088	3.5159	3.09249	0.781844	1
cg07077221	0.0646496	1.91003	1.91003	0.000935864	4.66329	4.66329	0.0460776	2.03954	2.03954	0.0083143	2.86292	2.86292	4.87817	7.51146	1.36872	1
cg02500264	0.0473579	1.96858	1.96858	0.00159652	3.8656	3.8656	0.068047	1.84054	1.84054	0.163907	1.55811	1.55811	4.96641	7.01026	1.2547	1
cg26870874	0.108125	1.6209	1.6209	0.151435	1.5273	1.5273	0.643386	0.879453	-1.13707	0.527526	1.19288	1.19288	3.98347	4.78942	1.06873	1
cg10608341	0.125865	1.57845	1.57845	0.000328204	0.202069	-4.9488	0.483037	1.21709	1.21709	0.014112	0.43394	-2.30447	8.93229	10.7446	1.06924	1
cg11668148	3.62E-05	0.348486	-2.86956	0.115821	1.2541	1.2541	0.413675	1.11706	1.11706	0.000273736	0.453975	-2.20276	46.6097	12.9532	0.247029	1
cg24495350	0.0243277	0.35445	-2.82127	0.00139117	0.166921	-5.99085	0.443724	1.35223	1.35223	0.023424	0.351208	-2.84732	6.85903	16.2223	2.10231	1
cg10387956	0.929846	0.941944	-1.06163	0.00391905	0.0715728	-13.9718	0.624281	1.39836	1.39836	0.0307352	0.178409	-5.6051	5.24406	38.3178	6.49502	1
cg25045562	0.0495234	0.257208	-3.88791	0.00527031	0.107634	-9.29077	0.23391	2.13002	2.13002	0.401645	0.594449	-1.68223	4.89178	28.444	5.16858	1
cg02760766	0.631327	1.09509	1.09509	0.00950572	0.539423	-1.85383	0.0980721	0.711104	-1.40626	0.028625	1.62439	1.62439	8.71882	4.87446	0.496954	1
cg10943348	0.297757	0.715985	-1.39668	?	?	?	0.28236	0.707679	-1.41307	0.613927	0.854322	-1.17052	7.05917	9.5205	1.34867	1
cg05805038	0.888888	0.970464	-1.03043	0.000681468	0.3285	-3.04414	0.388315	0.82727	-1.2088	0.449454	0.847644	-1.17974	3.91085	2.849	0.647543	1
cg08548086	0.423698	0.917186	-1.09029	0.235538	0.876761	-1.14056	0.00226186	1.57148	1.57148	0.0528653	1.26213	1.26213	9.57556	1.69743	0.15757	1
cg11205224	0.0294738	0.639618	-1.56343	0.0935218	0.725054	-1.37921	0.835244	1.03697	1.03697	0.000558765	0.393384	-2.54204	8.43066	4.05663	0.427712	1
cg20482071	0.630622	0.924122	-1.08211	0.000238093	0.371116	-2.69457	0.281422	0.833325	-1.20001	0.586222	0.914371	-1.09365	5.91466	2.485	0.37346	1
cg00567833	0.100579	0.582356	-1.71716	0.0180026	0.421518	-2.37238	0.743474	1.10375	1.10375	0.223114	0.680592	-1.46931	5.14135	7.35737	1.27202	1
cg07696658	0.49212	0.845253	-1.18308	0.0196275	0.506951	-1.97258	0.909964	1.02763	1.02763	0.382225	0.805785	-1.24103	4.59168	4.22256	0.817432	1
cg17837789	0.113414	0.848993	-1.17787	2.36E-05	0.448295	-2.23067	0.553806	0.944674	-1.05857	0.00961692	0.732359	-1.36545	48.7312	6.97002	0.127138	1
cg11588288	0.247028	0.79138	-1.26362	0.0415049	1.57522	1.57522	0.470606	1.15244	1.15244	0.998148	0.999551	-1.00045	10.4453	6.18145	0.526036	1
cg23565607	0.00241262	0.632505	-1.58102	0.0193135	1.35893	1.35893	0.74986	1.03528	1.03528	0.025022	0.748998	-1.33512	10.2843	1.91378	0.165412	1
cg15740385	0.00113752	0.345002	-2.89853	0.0449742	1.66791	1.66791	0.2529	0.766811	-1.3041	0.728167	0.925353	-1.08067	8.39348	6.57165	0.695953	1
cg06085905	0.274008	0.774916	-1.29046	0.021063	1.86189	1.86189	0.499001	0.857488	-1.1662	0.71109	1.08692	1.08692	7.9032	6.28188	0.706537	1
cg23886776	0.156558	0.443144	-2.2566	0.00398868	0.125122	-7.9922	0.241052	0.517308	-1.93308	0.0241365	0.235959	-4.23803	6.40213	29.2449	4.06044	1
cg16535788	0.383726	0.768199	-1.30175	0.757779	0.912714	-1.09563	0.182933	0.658859	-1.51777	0.0169178	0.423081	-2.36361	5.68226	7.84484	1.22719	1
cg11952344	0.0086442	0.524787	-1.90554	0.436069	0.858099	-1.16537	0.747866	1.06409	1.06409	0.692239	0.926239	-1.07963	5.64349	3.31548	0.522211	1
cg24555639	0.248732	0.514234	-1.94464	0.0782991	0.339957	-2.94155	0.182408	0.458128	-2.1828	0.0111429	0.172891	-5.78401	4.503	21.7009	4.28374	1
cg15220605	0.759655	1.09281	1.09281	0.000797247	4.32678	4.32678	0.0990641	1.68707	1.68707	0.47262	1.23526	1.23526	4.37668	5.79825	1.17761	1
cg20889826	0.425589	0.771519	-1.29614	0.0934756	0.555347	-1.80068	0.342839	0.732301	-1.36556	0.111813	0.575752	-1.73686	3.89245	6.26597	1.43091	1
cg13652281	0.149339	0.437286	-2.28683	0.0455323	3.41049	3.41049	0.09311	2.68671	2.68671	0.84372	1.11137	1.11137	3.74035	16.9557	4.0295	1
cg08704611	0.151004	0.558447	-1.79068	0.0255674	0.360155	-2.77659	0.837099	1.08018	1.08018	0.00116093	0.148884	-6.71666	4.70126	10.2253	1.69167	1
cg19179572	0.610349	0.880394	-1.13585	0.0109513	2.20658	2.20658	0.91279	1.02753	1.02753	0.20918	0.720282	-1.38835	4.06915	3.95958	0.864953	1
cg12866859	0.194956	0.777039	-1.28694	0.0301192	0.625447	-1.59886	0.0331446	1.58139	1.58139	0.00514569	0.506652	-1.97374	10.0522	5.39073	0.476688	1
cg01835665	0.0292201	0.541125	-1.848	0.0132067	2.08392	2.08392	0.0182141	1.98411	1.98411	0.22759	1.35357	1.35357	8.00736	7.24532	0.804295	1
cg04700814	0.00475299	0.26443	-3.78171	0.00275131	0.230891	-4.33105	0.0203025	2.69834	2.69834	0.0375705	0.424879	-2.35361	6.88003	13.7155	1.77202	1
cg27610671	0.712229	1.05516	1.05516	0.972545	1.005	1.005	0.251381	1.18967	1.18967	0.328092	1.15754	1.15754	4.15221	1.38124	0.29569	1
cg11068337	0.25355	0.804431	-1.24311	0.0321413	0.632517	-1.58098	0.817488	1.04309	1.04309	0.447891	0.868346	-1.15161	3.40373	1.79556	0.468913	1
cg03572011	0.0618396	1.37419	1.37419	0.000210212	2.55195	2.55195	3.55E-05	3.34046	3.34046	0.00379471	0.554223	-1.80433	31.5591	11.4183	0.321606	1
cg05092310	8.22E-05	6.02099	6.02099	0.600122	0.874737	-1.1432	0.0181224	2.06697	2.06697	0.784448	0.932981	-1.07183	8.77895	8.90051	0.901198	1
cg03071457	0.78666	0.961992	-1.03951	1.38E-05	0.27336	-3.65818	0.303158	0.858691	-1.16456	7.52E-05	0.35832	-2.79081	15.9525	5.15481	0.287231	1
cg17416383	0.926931	1.01317	1.01317	0.00952118	1.5978	1.5978	0.423114	1.12383	1.12383	0.541946	0.915678	-1.09209	7.11357	2.29384	0.286631	1
cg08351131	0.00194331	0.264633	-3.77881	0.740762	1.10594	1.10594	0.0901535	0.567561	-1.76193	0.00443017	0.31609	-3.16366	6.40267	9.32702	1.29488	1
cg23218895	0.0122274	0.607748	-1.64542	0.00553344	1.78891	1.78891	0.612472	1.0849	1.0849	0.0443268	0.691773	-1.44556	5.02461	2.02535	0.358299	1
cg11155621	0.000323569	0.296335	-3.37455	0.717181	0.926736	-1.07906	0.0857777	0.672225	-1.4876	0.842778	0.959315	-1.04241	4.83843	3.35245	0.615892	1
cg17104422	0.00188383	2.80152	2.80152	0.0226143	1.81403	1.81403	0.00708546	0.457139	-2.18752	0.00439585	0.420151	-2.3801	27.7329	15.4415	0.417594	1
cg22600312	0.798652	0.978078	-1.02241	2.20E-05	0.477697	-2.09338	0.815259	1.0205	1.0205	0.651806	0.961376	-1.04018	9.32129	1.11003	0.105853	1
cg04101874	0.016104	1.34224	1.34224	0.0860675	0.827309	-1.20874	0.859388	0.982433	-1.01788	0.0181952	1.33187	1.33187	6.91013	1.09332	0.14064	1
cg26047313	0.642369	0.932133	-1.07281	0.0700208	0.737555	-1.35583	0.0119046	0.62394	-1.60272	0.0912703	1.32246	1.32246	5.56301	1.98973	0.317929	1
cg04249769	0.130431	0.886623	-1.12788	0.00104911	0.699612	-1.42936	0.0584583	0.854269	-1.17059	0.137462	0.88883	-1.12508	4.70183	0.404169	0.0764088	1
cg24785532	0.771361	0.893069	-1.11973	0.226332	0.610753	-1.63732	0.597739	0.81329	-1.22957	0.561723	0.796347	-1.25573	3.88816	9.27623	2.12068	1
cg15576233	0.173546	1.194	1.194	0.011158	0.67739	-1.47626	0.263915	0.867097	-1.15327	0.0761426	1.27335	1.27335	3.62936	0.861942	0.211103	1
cg24881607	0.000426033	0.314995	-3.17465	0.000733527	0.34559	-2.8936	0.000268175	0.289906	-3.44939	5.03E-05	0.207168	-4.827	19.7448	13.4075	0.603594	1
cg04787432	0.0239695	3.59016	3.59016	0.000252636	0.0570908	-17.516	0.109953	2.28616	2.28616	0.235558	0.554351	-1.80391	11.1766	35.4384	3.17078	1
cg13799242	0.0151759	0.255839	-3.90871	0.000469612	0.0810836	-12.333	0.584002	0.77669	-1.28752	0.0345184	0.324094	-3.08553	9.15773	30.2948	2.94055	1
cg22168941	0.965822	1.00955	1.00955	0.660965	0.906777	-1.10281	0.00206118	2.61791	2.61791	0.0150003	1.94065	1.94065	9.14715	7.12254	0.692145	1
cg22124590	0.00597027	0.213656	-4.68043	0.861481	1.07788	1.07788	0.896937	0.945872	-1.05723	0.0198293	0.298853	-3.34613	7.21053	21.0564	2.59577	1
cg10308749	0.177307	1.47862	1.47862	0.316113	1.32672	1.32672	0.120398	0.631599	-1.58328	0.00460818	0.357558	-2.79675	7.0603	8.31947	1.04742	1
cg08172044	0.108504	0.58495	-1.70955	0.0398773	2.07012	2.07012	0.000255514	6.32632	6.32632	0.459436	1.25949	1.25949	6.26881	9.31412	1.3207	1
cg23407970	0.563013	0.897764	-1.11388	0.697222	1.07478	1.07478	0.000309838	2.94305	2.94305	0.0401842	1.54845	1.54845	5.63627	3.03646	0.478877	1
cg10291555	0.688056	0.873051	-1.14541	0.827674	0.929292	-1.07609	0.00353124	3.78248	3.78248	0.200002	1.5768	1.5768	5.55229	9.94971	1.59289	1
cg22060817	0.235911	0.536321	-1.86456	0.561245	0.745985	-1.34051	0.939784	1.03834	1.03834	0.00895435	0.178844	-5.59146	3.99488	15.3609	2.99068	1
cg02797038	0.0904581	1.63647	1.63647	0.666701	1.1212	1.1212	0.708762	0.905683	-1.10414	0.532483	1.18168	1.18168	3.49064	3.85386	0.981385	1
cg10911889	0.000169902	0.511782	-1.95396	0.833962	1.02223	1.02223	0.797152	1.02735	1.02735	0.542848	1.06666	1.06666	10.7596	1.87021	0.154504	1
cg00034101	0.0095605	3.89392	3.89392	0.00014025	15.2327	15.2327	0.00123245	7.08024	7.08024	0.104049	2.08809	2.08809	10.2182	27.7724	2.41594	1
cg17602126	0.0201323	4.64531	4.64531	0.000625071	17.8556	17.8556	0.00431485	8.09009	8.09009	0.067123	3.07804	3.07804	5.80963	27.621	4.22609	1
cg17449954	0.0234329	8.00914	8.00914	0.00113657	39.589	39.589	0.00548165	16.5501	16.5501	0.0580531	5.18748	5.18748	4.91958	46.0095	8.31317	1
cg12160637	0.0121558	5.10901	5.10901	0.00162269	10.5618	10.5618	0.013283	4.95882	4.95882	0.037005	3.53943	3.53943	4.89344	21.1066	3.834	1
cg13457165	0.0406789	12.6332	12.6332	0.00452498	57.984	57.984	0.0129224	27.4397	27.4397	0.0368896	13.4849	13.4849	4.67008	85.1984	16.2164	1
cg06154570	0.0259728	4.53236	4.53236	0.00431416	8.86332	8.86332	0.0164405	5.34599	5.34599	0.068793	3.20462	3.20462	4.31409	22.3396	4.60292	1
cg23037132	0.0480933	9.61622	9.61622	0.00301995	58.7277	58.7277	0.0140778	20.8333	20.8333	0.0649877	7.97279	7.97279	4.0513	64.4049	14.131	1
cg04977528	0.174928	0.438705	-2.27944	0.834891	0.887637	-1.12659	0.143894	0.407921	-2.45145	0.418245	0.623519	-1.6038	3.78347	19.5423	4.59127	1
cg12634306	0.0822961	9.71548	9.71548	0.00484489	82.5543	82.5543	0.0102262	45.8092	45.8092	0.0631911	11.8034	11.8034	3.66732	81.0495	19.6449	1
cg05720261	0.0384039	24.9375	24.9375	0.00737832	102.401	102.401	0.017727	47.7695	47.7695	0.0368408	25.8167	25.8167	4.04405	115.132	25.3063	1
cg26036288	0.408816	0.768858	-1.30063	0.0224771	0.427173	-2.34097	0.461452	0.791938	-1.26272	0.218233	0.668337	-1.49625	5.5541	8.51564	1.36286	1
cg07136254	0.0198394	0.235005	-4.25522	0.11842	0.417762	-2.39371	0.00750204	0.169989	-5.88273	0.0151604	0.215202	-4.64679	4.57879	19.2265	3.73248	1
cg14599576	0.13475	0.456055	-2.19272	?	?	?	0.0559641	0.348467	-2.86971	0.261504	0.565441	-1.76853	3.43821	11.4758	3.33771	1
cg00987513	0.0646955	1.33704	1.33704	0.969659	0.99469	-1.00534	0.0452988	0.725095	-1.37913	0.5487	1.08866	1.08866	7.5204	2.33391	0.275862	1
cg06589885	0.142031	0.620757	-1.61094	0.00291512	0.290686	-3.44013	0.00897731	0.366529	-2.7283	0.0470427	0.503311	-1.98684	6.18158	8.93234	1.28444	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15240476	HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE	0.000112643	0.00593369	0.390921	-2.55806	0.0143402	0.454749	-2.19902	0.00984841	0.426787	-2.34309	0.185851	0.69341	-1.44215	1.51E-05	0.096147	-10.4007
cg05177776	HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE	0.007237	0.00114294	0.195565	-5.11339	0.616306	1.18813	1.18813	0.0560567	0.477889	-2.09254	0.519227	0.800164	-1.24974	0.00100918	0.189238	-5.28436
cg27551697	HFM1	0.00181636	0.17924	0.744558	-1.34308	0.00429711	0.454081	-2.20225	0.0733749	0.661815	-1.511	0.00141277	2.59966	2.59966	0.554589	0.883757	-1.13153
cg00070162	HFM1	0.00310537	0.339285	0.782026	-1.27873	0.694202	1.10367	1.10367	0.0265117	0.518638	-1.92813	0.656385	0.894239	-1.11827	0.00778579	0.42616	-2.34654
cg05781641	HFM1	0.0470462	0.028563	0.531913	-1.88001	0.158471	0.691865	-1.44537	0.977399	0.993102	-1.00695	0.120178	1.50972	1.50972	0.19989	0.718272	-1.39223
cg25188594	HFM1;HFM1	0.0101123	0.555502	0.831524	-1.20261	0.498429	0.808451	-1.23693	0.279166	1.41641	1.41641	0.162487	0.630418	-1.58625	0.000289937	0.160597	-6.22678
cg24072093	HGC6.3	0.000233681	0.0757544	1.57336	1.57336	8.41E-05	5.06149	5.06149	0.868967	1.03858	1.03858	0.0253318	1.83969	1.83969	7.68E-05	0.193454	-5.16918
cg19693890	HGC6.3	0.000261007	0.0134929	0.404758	-2.47061	0.000841251	0.226428	-4.41641	0.00389603	0.316807	-3.1565	0.287461	0.721335	-1.38632	2.47E-05	0.0836822	-11.95
cg00678938	HGC6.3	0.00068394	0.00333783	0.635652	-1.57319	0.981053	0.99731	-1.0027	0.662891	0.951464	-1.05101	0.877118	0.982602	-1.01771	0.000148816	0.477423	-2.09458
cg05789359	HGC6.3	0.0016423	0.00847267	0.202775	-4.93158	0.00279629	0.141417	-7.07127	0.00612019	0.182953	-5.46588	0.141214	0.471789	-2.11959	0.000236313	0.0554312	-18.0404
cg13436451	HGC6.3	0.002711	0.254285	0.794582	-1.25852	0.966345	1.00818	1.00818	3.86E-05	0.217873	-4.58982	0.551698	1.12335	1.12335	0.74892	0.939856	-1.06399
cg24577417	HGC6.3	0.00289614	0.302986	1.28026	1.28026	0.163785	1.41069	1.41069	0.203163	1.36486	1.36486	0.346632	1.25159	1.25159	4.56E-05	0.16788	-5.95663
cg09145900	HGC6.3	0.00330795	0.417	0.834385	-1.19849	0.239131	1.30878	1.30878	0.266183	1.28775	1.28775	0.580093	1.12973	1.12973	6.79E-05	0.20369	-4.90943
cg06276084	HGC6.3;HGC6.3	1.12E-05	0.000260783	0.252724	-3.95688	0.000645056	0.301441	-3.31739	0.000120501	0.214557	-4.66076	0.373048	0.811012	-1.23303	2.88E-06	0.0770653	-12.976
cg06706024	HGC6.3;HGC6.3	0.000609977	0.54437	1.10103	1.10103	0.0566172	0.712855	-1.40281	0.36486	0.864115	-1.15725	0.521569	0.90312	-1.10727	1.42E-05	0.241935	-4.13334
cg22858008	HGC6.3;HGC6.3	0.00329789	0.466915	0.754105	-1.32607	0.423607	1.36556	1.36556	0.0634286	0.451257	-2.21603	0.743805	0.882477	-1.13317	0.000269593	0.1025	-9.75611
cg00558718	HGD	0.00866337	0.0464061	0.568923	-1.75771	0.171924	1.43262	1.43262	0.726695	1.09063	1.09063	0.00959393	0.444541	-2.24951	0.0385675	0.552984	-1.80837
cg26550787	HGD	0.0112925	0.667706	0.906714	-1.10288	0.990006	0.997164	-1.00284	0.820304	1.05294	1.05294	0.57131	1.13851	1.13851	0.251999	0.762358	-1.31172
cg25677092	HGD	0.01915	0.122648	0.702988	-1.4225	0.0333635	0.592236	-1.68852	0.0123021	0.518502	-1.92863	0.885155	0.970011	-1.03092	0.410174	1.19416	1.19416
cg23269320	HGF;HGF;HGF;HGF	0.0462307	0.0606955	0.200518	-4.98709	0.0425502	0.169571	-5.89723	0.238452	0.391318	-2.55547	0.340728	0.474239	-2.10864	0.00490344	0.0588511	-16.992
cg23838245	HGF;HGF;HGF;HGF;HGF	0.000173231	0.00811457	0.614198	-1.62814	0.0170967	0.658344	-1.51896	0.496961	1.10427	1.10427	0.000201684	0.407861	-2.45182	0.0153716	0.651957	-1.53384
cg18944653	HGF;HGF;HGF;HGF;HGF	0.00027744	0.247142	1.33962	1.33962	0.0950127	1.55779	1.55779	0.0155673	0.488332	-2.04779	0.0313876	0.54336	-1.8404	0.0017679	0.34096	-2.93289
cg15567428	HGF;HGF;HGF;HGF;HGF	0.00733375	0.0437924	2.05333	2.05333	0.0131224	2.59865	2.59865	0.129141	1.66378	1.66378	0.326154	1.3699	1.3699	0.11727	0.589657	-1.6959
cg14690980	HGF;HGF;HGF;HGF;HGF	0.0320534	0.237537	0.752539	-1.32884	0.0922364	0.653241	-1.53083	0.0323404	0.562271	-1.7785	0.549749	1.14918	1.14918	0.0307646	0.558261	-1.79128
cg07364841	HGFAC	0.00299893	0.12751	0.713566	-1.40141	0.00134342	0.385137	-2.59648	0.000457583	0.32297	-3.09627	0.949419	0.987092	-1.01308	0.00105568	0.370823	-2.69671
cg08820079	HGFAC	0.00343424	0.00408377	0.511304	-1.95578	0.0106178	0.571628	-1.74939	0.0437695	0.668034	-1.49693	0.26492	0.816901	-1.22414	0.00107232	0.431259	-2.31879
cg04677405	HGFAC	0.00392226	0.0266226	0.562293	-1.77843	0.101885	0.67547	-1.48045	0.00515605	0.445144	-2.24646	0.996049	0.998915	-1.00109	0.000154972	0.241735	-4.13676
cg26955579	HGFAC	0.00486447	0.123891	0.684631	-1.46064	0.0119245	0.489957	-2.041	0.00117345	0.338633	-2.95305	0.888299	0.968551	-1.03247	0.000325468	0.266871	-3.74713
cg00344372	HGFAC	0.00786063	0.00849993	0.655821	-1.52481	0.33412	0.882392	-1.13328	0.00334827	0.605653	-1.65111	0.0840443	0.786549	-1.27138	0.00185383	0.574117	-1.74181
cg26900875	HGFAC	0.00879778	0.00833624	0.764031	-1.30885	0.13381	1.13778	1.13778	0.0729195	0.852412	-1.17314	0.894412	1.01066	1.01066	0.000318312	0.627929	-1.59254
cg08071405	HGFAC	0.00887367	0.779046	0.942039	-1.06153	0.569517	0.885126	-1.12978	0.153544	0.722972	-1.38318	0.547091	1.13809	1.13809	0.00888064	0.493174	-2.02768
cg02658564	HGFAC	0.0102415	0.0136316	0.374996	-2.6667	0.0705243	0.522218	-1.91491	0.38037	0.748844	-1.33539	0.358071	0.738024	-1.35497	0.000547644	0.178034	-5.6169
cg04930921	HGFAC	0.0119408	0.0331567	0.309915	-3.22669	0.380491	0.654979	-1.52677	0.778488	1.14185	1.14185	0.836327	1.1022	1.1022	0.00100032	0.100428	-9.95738
cg20362529	HGFAC	0.0306237	0.255073	0.619353	-1.61459	0.00423906	0.21366	-4.68033	0.154906	0.541305	-1.84739	0.342839	0.674345	-1.48292	0.00264986	0.187009	-5.34733
cg17322505	HGFAC	0.0318647	0.98275	0.997413	-1.00259	0.073168	0.787094	-1.2705	0.00117623	0.565322	-1.7689	0.176501	1.18785	1.18785	0.710558	1.04567	1.04567
cg19534769	HGFAC	0.0380568	0.207595	1.17909	1.17909	0.583149	1.07113	1.07113	0.184504	0.839874	-1.19066	0.00203055	0.583067	-1.71507	0.915734	0.986964	-1.01321
cg26855689	HGS	2.30E-06	0.0011306	0.4386	-2.27998	1.23E-05	0.204825	-4.88222	0.0582943	0.692061	-1.44496	0.0575828	0.691154	-1.44686	4.75E-05	0.267575	-3.73726
cg01574365	HGS	1.03E-05	0.0199565	1.24218	1.24218	4.21E-05	0.547893	-1.82517	3.62E-05	0.540957	-1.84858	3.77E-05	1.8424	1.8424	0.00246435	0.722453	-1.38417
cg02052845	HGS	8.75E-05	0.00803189	0.531052	-1.88305	2.58E-05	0.211475	-4.72869	9.82E-05	0.275453	-3.63038	3.46E-05	0.224861	-4.4472	0.000251865	0.32473	-3.07948
cg21531740	HGS	0.00014299	0.019658	1.52218	1.52218	1.06E-05	4.0663	4.0663	0.00202197	1.91389	1.91389	0.0109921	1.60905	1.60905	0.327546	0.860131	-1.16261
cg25832551	HGS	0.000185815	0.00119748	0.391971	-2.55121	4.21E-05	0.214868	-4.65402	0.000789087	0.36755	-2.72072	0.00134303	0.398798	-2.50754	9.40E-05	0.253171	-3.9499
cg20326572	HGS	0.00160737	0.098194	0.724494	-1.38027	0.161554	1.30424	1.30424	0.412211	0.861596	-1.16064	0.601831	0.910705	-1.09805	0.000272136	0.346393	-2.8869
cg19577098	HGS	0.00163548	0.750105	0.935992	-1.06839	0.043484	1.61709	1.61709	0.0865296	1.47986	1.47986	0.261492	1.27431	1.27431	0.775465	0.942518	-1.06099
cg05283453	HGS	0.00194181	0.000916125	0.113524	-8.80873	0.00377824	0.179783	-5.56227	0.0769773	0.421658	-2.37159	0.252215	0.591429	-1.69082	0.00117193	0.123475	-8.09882
cg26965718	HGS	0.00400718	0.94992	0.989714	-1.01039	0.290232	0.8347	-1.19804	0.00172698	0.479068	-2.08739	0.484671	1.124	1.124	0.291155	1.19759	1.19759
cg00131871	HGS	0.00606104	0.453795	0.930088	-1.07517	0.000327152	0.576151	-1.73565	0.0765862	0.829374	-1.20573	0.502527	0.937411	-1.06677	0.471928	0.932864	-1.07197
cg20092334	HGS	0.00663904	0.675954	1.09276	1.09276	0.0116758	0.514253	-1.94457	0.0103086	0.505547	-1.97806	0.149901	1.38508	1.38508	0.00115797	0.365253	-2.73783
cg02026024	HGS	0.00681154	0.115478	0.650363	-1.5376	0.390203	1.24778	1.24778	0.0700404	1.66405	1.66405	0.00956641	2.28177	2.28177	0.222104	0.724247	-1.38075
cg13309461	HGS	0.0140762	0.639304	0.867413	-1.15285	0.0134024	2.51632	2.51632	0.0215033	2.29826	2.29826	0.360798	1.32722	1.32722	0.0283113	0.458344	-2.18177
cg02537268	HGS	0.0148071	0.776202	0.950053	-1.05257	0.0221374	0.61068	-1.63752	0.0380955	1.54061	1.54061	0.0139392	1.72637	1.72637	0.0123557	0.571224	-1.75063
cg17893857	HGS	0.016245	0.543834	1.12291	1.12291	0.00170747	2.32813	2.32813	0.3827	1.184	1.184	0.958063	0.990128	-1.00997	0.22266	1.27351	1.27351
cg07461501	HGS;ARL16	0.000692081	0.00207416	0.629585	-1.58835	0.162733	0.852972	-1.17237	0.327253	1.11397	1.11397	0.0889225	1.22168	1.22168	0.320534	0.89625	-1.11576
cg20070790	HGS;ARL16	0.00119124	0.151829	1.1894	1.1894	0.0707346	0.796029	-1.25624	0.228301	0.866889	-1.15355	0.0313067	0.751733	-1.33026	0.38406	0.904092	-1.10608
cg14940449	HGS;ARL16	0.0438725	0.747294	0.855255	-1.16924	0.564264	1.32562	1.32562	0.774086	1.14934	1.14934	0.0998064	0.417998	-2.39236	0.624929	1.26908	1.26908
cg03623771	HGS;ARL16;ARL16	0.000160857	0.00536893	1.1939	1.1939	0.041447	1.12039	1.12039	4.26E-05	1.45663	1.45663	0.417327	1.04088	1.04088	0.0988074	1.09143	1.09143
cg01560423	HGS;ARL16;ARL16	0.0329536	0.939269	0.988588	-1.01154	0.014703	1.57198	1.57198	0.00328675	1.82819	1.82819	0.901204	1.01888	1.01888	0.281378	1.18369	1.18369
cg24464927	HGSNAT	0.000638233	0.0294506	1.13941	1.13941	0.0105011	1.17808	1.17808	0.309553	0.947889	-1.05498	0.00117506	0.784804	-1.2742	0.730726	0.982571	-1.01774
cg06090305	HGSNAT	0.0029804	0.887714	1.0371	1.0371	0.0446631	0.551909	-1.81189	0.621912	0.879705	-1.13674	0.126425	1.53161	1.53161	0.474288	0.828922	-1.20639
cg13972999	HGSNAT	0.0144215	0.557273	1.16625	1.16625	0.714437	1.0999	1.0999	0.954309	1.01496	1.01496	0.950598	0.984075	-1.01618	0.216373	0.713861	-1.40083
cg21021052	HGSNAT	0.0179784	0.0510011	0.440689	-2.26917	0.0409709	2.38583	2.38583	0.158144	0.573363	-1.7441	0.0287154	0.386293	-2.58871	0.052672	0.443954	-2.25249
cg08318424	HGSNAT	0.0195985	0.0156107	0.603319	-1.6575	0.983114	1.00361	1.00361	0.0215414	0.624689	-1.6008	0.174612	0.781838	-1.27904	0.0498613	0.683014	-1.4641
cg03284554	HGSNAT	0.0264496	0.332493	1.58739	1.58739	0.00353122	6.22197	6.22197	0.0783203	2.46942	2.46942	0.0135155	4.10827	4.10827	0.694232	0.833086	-1.20036
cg01154241	HGSNAT	0.0318286	0.182543	0.883212	-1.13223	0.564126	0.950102	-1.05252	0.936412	0.99302	-1.00703	0.331861	1.09187	1.09187	0.41442	0.929376	-1.07599
cg18494124	HGSNAT	0.0384532	0.275441	1.24005	1.24005	0.93364	0.984332	-1.01592	0.277342	1.23892	1.23892	0.687909	1.07958	1.07958	0.0118197	0.550955	-1.81503
cg20803232	HGSNAT	0.0398391	0.0132208	0.651377	-1.53521	0.300336	1.1616	1.1616	0.0113911	1.55596	1.55596	0.267609	0.851133	-1.1749	0.501371	0.909148	-1.09993
cg24048338	HGSNAT	0.0448778	0.0829262	0.474608	-2.107	0.0883011	2.07505	2.07505	0.118356	0.517824	-1.93116	0.00934535	0.278164	-3.595	0.112368	1.95607	1.95607
cg12716232	HGSNAT	0.0472168	0.0919893	1.56696	1.56696	0.0558072	0.591757	-1.68988	0.161821	0.696484	-1.43578	0.203519	1.384	1.384	0.018305	2.00036	2.00036
cg20803076	HHAT;HHAT;HHAT;HHAT;HHAT	0.00211359	0.0309201	1.19048	1.19048	0.106169	0.885668	-1.12909	0.00198621	0.740437	-1.35055	0.0486904	1.16757	1.16757	0.0179824	1.21872	1.21872
cg16395183	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	6.32E-05	1.16E-05	0.134611	-7.42883	0.161246	0.72401	-1.3812	0.000593034	0.318287	-3.14182	0.000527243	0.311702	-3.2082	3.11E-05	0.173117	-5.77643
cg00556419	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	7.62E-05	0.00148936	1.6272	1.6272	2.14E-05	2.48219	2.48219	0.581182	0.942506	-1.061	0.0184075	0.737915	-1.35517	7.40E-05	0.465168	-2.14976
cg19588327	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.000111955	0.011466	0.751493	-1.33069	0.0119454	0.753295	-1.3275	0.000103876	0.537989	-1.85877	0.921294	0.991114	-1.00897	3.07E-05	0.479314	-2.08632
cg09276883	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.000152563	0.00400089	0.590096	-1.69464	0.921013	0.986566	-1.01362	0.00422293	1.68602	1.68602	6.29E-06	3.95749	3.95749	0.183194	0.824823	-1.21238
cg20695534	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.000375831	0.000144022	0.263417	-3.79626	0.0211761	0.568647	-1.75856	0.00115823	0.378277	-2.64356	0.00214892	0.415659	-2.40582	5.93E-05	0.220175	-4.54184
cg08921300	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.00043644	0.000261482	0.188698	-5.29948	0.941388	0.979778	-1.02064	0.000585962	0.228492	-4.37652	0.363938	1.29591	1.29591	0.00061834	0.231302	-4.32336
cg15584221	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.000884575	0.0536859	0.633048	-1.57966	0.335053	1.23055	1.23055	0.301943	0.799974	-1.25004	0.0248132	0.572626	-1.74634	1.17E-05	0.14403	-6.94299
cg04776040	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.00089878	0.236979	1.34609	1.34609	0.00178718	2.90463	2.90463	0.745302	0.924792	-1.08132	0.586816	1.14068	1.14068	0.00172939	0.342272	-2.92165
cg13305793	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.00210961	0.00963422	0.281296	-3.55497	0.00322341	0.211015	-4.73899	0.00667928	0.256104	-3.90467	0.0122884	0.299058	-3.34383	0.0107441	0.28915	-3.45842
cg16166061	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.00230642	0.109665	0.676178	-1.4789	0.516652	0.862834	-1.15897	9.66E-05	0.210952	-4.74041	0.00430844	0.424698	-2.35461	0.00254631	0.390842	-2.55858
cg08240383	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0120607	0.547039	0.914841	-1.09309	0.656129	1.06764	1.06764	0.00187871	0.52527	-1.90378	0.363517	0.872502	-1.14613	0.00147823	0.511749	-1.95408
cg05380808	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0130064	0.00170352	0.223455	-4.47517	0.476952	0.785173	-1.2736	0.801528	0.919214	-1.08789	0.0284615	0.421157	-2.37441	0.00189063	0.229293	-4.36123
cg16174106	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0161169	0.678074	0.872908	-1.1456	0.104488	0.561098	-1.78222	0.128979	0.586127	-1.70611	0.616061	0.848207	-1.17896	0.0016342	0.230123	-4.34549
cg03047059	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0187643	0.00530909	0.125011	-7.99929	0.00754657	0.142896	-6.9981	0.0120881	0.170162	-5.87674	0.113699	0.377527	-2.64882	0.0769495	0.328502	-3.04412
cg03436428	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0358005	0.0111705	2.06684	2.06684	0.772653	0.936005	-1.06837	0.83295	0.952924	-1.0494	0.801894	1.05907	1.05907	0.0270193	1.81801	1.81801
cg25734421	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0440451	0.347731	0.687337	-1.45489	0.886072	1.05717	1.05717	0.224997	0.610051	-1.63921	0.985221	1.00721	1.00721	0.000646523	0.131409	-7.60985
cg15945769	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.00713919	0.00847698	0.809727	-1.23498	0.0586463	0.874459	-1.14356	0.36263	1.06053	1.06053	0.141358	1.10443	1.10443	0.150838	0.907833	-1.10152
cg00487187	HHEX	7.25E-05	0.605519	0.875026	-1.14282	0.00188648	0.323419	-3.09197	0.00750788	0.414077	-2.41501	0.695466	0.90411	-1.10606	0.00521418	0.388871	-2.57154
cg02185052	HHEX	0.000192346	0.674272	1.12236	1.12236	0.00221075	3.22617	3.22617	0.030346	2.00404	2.00404	0.207221	0.695439	-1.43794	0.000932066	0.259406	-3.85495
cg14689537	HHEX	0.000342237	0.000458028	0.100753	-9.9253	0.000304578	0.0871109	-11.4796	0.0282551	0.340493	-2.93692	0.0294422	0.344155	-2.90567	2.97E-05	0.0333442	-29.9903
cg00876273	HHEX	0.000647829	0.0122996	0.450084	-2.22181	0.174061	0.690552	-1.44812	0.000995057	3.4978	3.4978	0.0107574	2.27175	2.27175	0.0123657	2.21984	2.21984
cg11055493	HHEX	0.00117178	0.0308965	0.50091	-1.99637	0.00121993	0.275008	-3.63626	0.0132904	0.433081	-2.30904	0.0138916	0.436452	-2.2912	0.0114607	0.421928	-2.37007
cg03330490	HHEX	0.00425622	0.0560553	0.294079	-3.40045	0.00426497	0.115029	-8.69345	0.144913	0.412536	-2.42403	0.0539755	0.290199	-3.44592	0.00750214	0.142797	-7.00296
cg16508068	HHEX	0.00453209	0.00804159	0.277301	-3.60619	0.00095973	0.155992	-6.41059	0.147288	0.555746	-1.79938	0.0981998	0.503998	-1.98414	0.462808	0.754022	-1.32622
cg23009123	HHEX	0.00654653	0.0112723	0.344746	-2.90069	0.000804463	0.183267	-5.45651	0.582552	0.830071	-1.20472	0.0581375	0.487511	-2.05123	0.0743365	0.513195	-1.94858
cg24787755	HHEX	0.00684127	0.00621233	0.147897	-6.76146	0.000885031	0.0693216	-14.4255	0.636805	0.775069	-1.29021	0.0562082	0.313971	-3.18501	0.522425	0.706596	-1.41524
cg11378840	HHEX	0.00713139	0.345124	1.34969	1.34969	0.335822	0.73634	-1.35807	0.361776	1.33522	1.33522	0.0662396	0.52974	-1.88772	0.009282	0.361324	-2.7676
cg20180364	HHEX	0.00928404	0.747155	0.901974	-1.10868	0.000465159	5.78789	5.78789	0.0464926	2.0694	2.0694	0.605012	1.18106	1.18106	0.0177987	2.50664	2.50664
cg18599843	HHEX	0.0117366	0.00878812	0.24669	-4.05366	0.0043842	0.202728	-4.93271	0.513098	0.757138	-1.32076	0.129005	0.502541	-1.98989	0.0633182	0.41647	-2.40113
cg09721427	HHEX	0.0185171	0.724752	1.16617	1.16617	0.00909963	4.2248	4.2248	0.612569	0.800874	-1.24864	0.175361	0.534388	-1.8713	0.0586642	0.39507	-2.5312
cg26979504	HHEX	0.0318089	0.0245309	0.195703	-5.10979	0.206709	0.444452	-2.24996	0.148502	0.389195	-2.56941	0.121591	0.35989	-2.77863	0.0182889	0.174831	-5.71982
cg19704726	HHEX	0.0419103	?	?	?	0.398214	1.98659	1.98659	0.344922	2.16407	2.16407	0.27411	2.46722	2.46722	0.472576	0.560018	-1.78566
cg07616394	HHEX	0.0434051	0.018862	0.147422	-6.78327	0.188886	0.39185	-2.552	0.184047	0.387335	-2.58175	0.26745	0.459531	-2.17613	0.0943242	0.290002	-3.44825
cg02215603	HHIP	0.00142138	0.000314229	0.307039	-3.25691	0.15319	0.734006	-1.36239	0.00097908	0.371133	-2.69445	0.378728	0.833119	-1.20031	0.000211172	0.285842	-3.49844
cg25703243	HHIP	0.00828024	0.160772	0.687381	-1.4548	0.00317551	2.74107	2.74107	0.00153442	3.12911	3.12911	0.585247	0.871189	-1.14786	0.673882	0.899505	-1.11172
cg12936746	HHIP	0.0173871	0.0120082	0.302435	-3.30649	0.708242	0.870609	-1.14862	0.233565	1.58944	1.58944	0.271605	0.654325	-1.52829	0.023733	0.359593	-2.78092
cg13150467	HHIP;HHIP	0.00077391	0.0149569	1.66333	1.66333	0.873643	0.973298	-1.02743	0.546422	0.901407	-1.10938	0.711547	1.0652	1.0652	0.0110303	1.71977	1.71977
cg14595911	HHIP;HHIP	0.045306	0.0228138	1.55777	1.55777	0.0472221	1.4469	1.4469	0.0219752	1.56376	1.56376	0.0449021	1.45428	1.45428	0.688611	0.93656	-1.06774
cg26978698	HHIP;HHIP	0.0477358	0.34553	1.16093	1.16093	0.700942	0.942449	-1.06106	0.35393	1.15777	1.15777	0.428915	0.883345	-1.13206	0.31993	0.853965	-1.17101
cg11636151	HHIPL1	0.00281456	0.348419	0.881808	-1.13403	0.976748	1.0038	1.0038	0.948948	1.00838	1.00838	0.414173	0.896943	-1.1149	0.173149	1.20787	1.20787
cg01123449	HHIPL1	0.0155097	0.0390379	1.45012	1.45012	0.0620383	0.721172	-1.38663	0.269368	1.19597	1.19597	0.288574	1.18697	1.18697	0.00473028	0.557765	-1.79287
cg19461519	HHIPL1	0.018094	0.851456	1.04837	1.04837	0.00152007	0.316497	-3.15959	0.518023	1.17953	1.17953	0.844039	1.05088	1.05088	0.834191	1.05424	1.05424
cg26055840	HHIPL1;HHIPL1	0.000180031	0.0040938	0.595382	-1.67959	0.00231244	0.563834	-1.77357	0.733601	0.955055	-1.04706	7.71E-06	0.266679	-3.74983	0.179027	0.825174	-1.21187
cg26379339	HHIPL1;HHIPL1	0.000336329	0.0538826	0.914079	-1.094	1.77E-05	1.76934	1.76934	?	?	?	0.00347717	1.20449	1.20449	0.173605	0.944798	-1.05843
cg07456670	HHIPL1;HHIPL1	0.000340797	0.117576	1.24014	1.24014	0.45049	1.10226	1.10226	0.0976447	1.25875	1.25875	4.37E-05	2.66866	2.66866	0.0632881	0.767615	-1.30274
cg21761204	HHIPL1;HHIPL1	0.00342816	0.00369536	0.326053	-3.06699	0.707884	0.898057	-1.11351	0.0561549	0.5391	-1.85494	0.887608	1.04122	1.04122	8.81E-05	0.134379	-7.44164
cg14851485	HHIPL1;HHIPL1	0.00532674	0.0499778	2.33624	2.33624	0.00139427	5.8005	5.8005	0.0206276	2.88139	2.88139	0.314481	1.48418	1.48418	0.333655	1.46015	1.46015
cg06797880	HHIPL1;HHIPL1	0.0265356	0.155603	0.621943	-1.60786	0.0141343	0.388088	-2.57674	0.258838	0.691966	-1.44516	0.389401	1.31744	1.31744	0.901631	0.962088	-1.03941
cg12009759	HHIPL1;HHIPL1	0.0389972	0.79056	1.05071	1.05071	0.195753	1.28949	1.28949	0.0646715	1.47053	1.47053	0.0157479	0.577018	-1.73305	0.898706	1.02395	1.02395
cg24035043	HHIPL1;HHIPL1	0.0445202	0.458077	0.778981	-1.28373	0.00300953	3.8367	3.8367	0.920514	0.967545	-1.03354	0.575698	0.829515	-1.20552	0.0355024	0.445239	-2.24599
cg03475665	HHIPL1;HHIPL1	0.0480714	0.0360003	4.76754	4.76754	0.169684	2.55138	2.55138	0.197083	2.39451	2.39451	0.435974	0.60116	-1.66345	0.072713	0.277479	-3.60388
cg02933141	HHIPL2	4.53E-05	0.397452	0.868434	-1.1515	0.870404	0.973768	-1.02694	0.267388	0.828523	-1.20697	0.000661771	0.427868	-2.33717	3.52E-05	0.272362	-3.67158
cg00613344	HHIPL2	8.10E-05	0.00754929	0.573455	-1.74382	0.649705	1.07678	1.07678	0.00118238	0.463237	-2.15872	0.0448496	1.45136	1.45136	0.00282211	0.514035	-1.94539
cg05600044	HHIPL2	0.00552918	0.603657	1.16327	1.16327	0.000320126	0.186042	-5.37513	0.935253	0.976812	-1.02374	0.152652	0.642536	-1.55633	0.00687927	0.364072	-2.74671
cg12721068	HHIPL2	0.00789325	0.0618856	0.735638	-1.35936	0.805698	1.03664	1.03664	0.00418801	0.571103	-1.751	0.358532	0.871217	-1.14782	0.000470501	0.448235	-2.23097
cg20017877	HHIPL2	0.0113154	0.203323	0.8286	-1.20686	0.0104413	0.636724	-1.57054	0.0358518	0.710428	-1.4076	0.71349	1.05299	1.05299	0.223344	0.835987	-1.19619
cg22076769	HHIPL2	0.0114964	0.550223	0.796069	-1.25617	0.0239185	0.361783	-2.76409	0.00684794	0.266756	-3.74875	0.0108908	0.299364	-3.34041	0.000624384	0.137347	-7.28083
cg23257028	HHIPL2	0.037775	0.0153171	0.669021	-1.49472	0.137173	0.805597	-1.24132	0.0198138	1.46207	1.46207	0.981658	0.996901	-1.00311	0.0196863	0.683585	-1.46288
cg08942016	HHIPL2;HHIPL2	0.000821849	0.00180639	0.476029	-2.10071	0.0032207	0.510467	-1.95899	0.198547	1.25519	1.25519	0.0238004	1.57032	1.57032	0.00718072	0.559585	-1.78704
cg12157444	HHLA1	0.0018519	0.350971	0.90053	-1.11046	0.0224159	1.3479	1.3479	0.920951	0.989225	-1.01089	0.84368	0.978683	-1.02178	0.839353	1.0224	1.0224
cg18187729	HHLA1	0.0032677	0.614503	1.22093	1.22093	0.151961	0.547025	-1.82807	0.233232	0.611847	-1.6344	0.00284429	0.19897	-5.02589	0.00201162	0.180332	-5.54533
cg23915912	HHLA1	0.0217813	0.22813	1.22818	1.22818	0.476215	1.1249	1.1249	0.327302	0.848489	-1.17857	0.364143	1.1636	1.1636	0.355156	0.856807	-1.16712
cg10431989	HHLA2	0.000709333	0.323901	0.895323	-1.11692	0.000725773	0.572455	-1.74686	0.000219951	0.512604	-1.95082	0.0587852	0.793218	-1.26069	0.000127904	0.485281	-2.06066
cg24769830	HHLA2	0.00463153	0.224719	0.703749	-1.42096	0.009126	0.401529	-2.49048	0.147186	0.651454	-1.53503	0.0788535	0.58412	-1.71198	0.000311188	0.199609	-5.00981
cg02124498	HHLA2	0.00955528	0.216981	0.76027	-1.31532	0.332378	1.2349	1.2349	0.00158689	0.38421	-2.60275	0.218292	0.760924	-1.31419	0.0124562	0.518871	-1.92726
cg14703454	HHLA2	0.019603	0.00918564	0.242295	-4.12721	0.0645713	0.410752	-2.43456	0.0160413	0.282765	-3.5365	0.0344012	0.347336	-2.87906	0.00457067	0.198233	-5.04457
cg08817540	HHLA2	0.0298026	0.167707	0.661787	-1.51106	0.69429	1.11728	1.11728	0.0252327	0.47376	-2.11077	0.0447331	0.523686	-1.90954	0.329351	0.753816	-1.32658
cg15518491	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3	0.000470603	0.567858	0.942441	-1.06107	0.00440197	1.47755	1.47755	0.755341	0.968414	-1.03262	0.112869	0.837616	-1.19386	0.124297	0.842919	-1.18635
cg19342782	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3	0.00512992	0.0934374	0.445878	-2.24276	0.861523	1.07943	1.07943	0.0498643	0.375629	-2.6622	0.292055	0.619681	-1.61373	0.00267602	0.162464	-6.15523

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15240476	8.10E-05	0.156275	-6.39898	2.98E-05	0.118412	-8.4451	0.0110121	0.434971	-2.299	0.000587355	0.249973	-4.00042	21.4459	23.1404	0.959123	1
cg05177776	0.0753795	0.508919	-1.96495	0.176334	0.612339	-1.63308	0.384541	0.737711	-1.35554	0.00593251	0.292926	-3.41383	6.54672	12.0708	1.63893	1
cg27551697	0.00787884	0.494215	-2.02341	0.00145979	2.58642	2.58642	0.815219	0.952753	-1.04959	0.497843	1.1529	1.1529	9.91573	6.71264	0.60175	1
cg00070162	0.00806881	0.428682	-2.33273	0.000125544	0.188715	-5.299	0.832817	1.05418	1.05418	0.00855207	0.432811	-2.31048	8.4708	8.36017	0.87728	1
cg05781641	0.74592	0.923629	-1.08269	0.00473153	0.399755	-2.50153	0.0626357	0.599333	-1.66852	0.472987	0.836647	-1.19525	3.46713	3.27869	0.840577	1
cg25188594	0.0109565	0.372388	-2.68537	0.413817	1.29496	1.29496	0.756621	1.10097	1.10097	0.572224	0.838132	-1.19313	5.88953	8.92943	1.34769	1
cg24072093	0.509728	1.16572	1.16572	0.00267472	2.59079	2.59079	0.00894875	2.14337	2.14337	0.372977	0.810817	-1.23332	17.6107	14.6639	0.740152	1
cg19693890	3.22E-05	0.0914471	-10.9353	0.0627423	0.538306	-1.85768	0.302629	0.729193	-1.37138	0.0193106	0.433066	-2.30912	17.088	23.6737	1.23146	1
cg00678938	0.937692	1.00891	1.00891	0.000367759	1.90988	1.90988	0.0229369	1.36157	1.36157	0.2963	1.1307	1.1307	13.0958	2.66856	0.181131	1
cg05789359	0.000585348	0.080211	-12.4671	0.00384757	0.157346	-6.3554	0.483874	0.71335	-1.40184	0.0175663	0.253632	-3.94272	10.2092	36.446	3.17326	1
cg13436451	0.838108	0.961254	-1.04031	0.0882775	1.43807	1.43807	0.265737	1.25109	1.25109	0.485857	0.872157	-1.14658	8.8188	5.21129	0.525271	1
cg24577417	0.714	1.08897	1.08897	0.783698	1.06579	1.06579	0.620218	0.89077	-1.12262	0.482993	0.847821	-1.17949	8.64808	7.34372	0.754821	1
cg09145900	0.538332	0.872845	-1.14568	0.0390679	1.68425	1.68425	0.351356	0.811099	-1.23289	0.391919	0.825751	-1.21102	8.31282	6.27304	0.670775	1
cg06276084	7.67E-07	0.0475153	-21.0459	0.097898	0.65973	-1.51577	0.806168	1.05793	1.05793	0.0015267	0.351642	-2.8438	39.3764	32.7228	0.738689	1
cg06706024	0.00350722	0.537337	-1.86103	0.0160614	1.58754	1.58754	0.238457	0.823926	-1.2137	0.831452	1.034	1.034	13.5215	5.269	0.346377	1
cg22858008	0.000442249	0.120653	-8.28822	0.101234	0.504518	-1.98209	0.390435	1.39862	1.39862	0.36934	0.703648	-1.42117	8.32038	19.1517	2.04603	1
cg00558718	0.00181447	0.334141	-2.99275	0.0053874	0.404226	-2.47386	0.1131	0.652912	-1.5316	0.0366859	0.548748	-1.82233	6.18666	5.98867	0.860441	1
cg26550787	0.102467	1.49959	1.49959	0.000242484	0.25252	-3.96008	0.197381	0.734195	-1.36204	0.103993	0.668266	-1.49641	5.6842	4.62863	0.72382	1
cg25677092	0.0729096	1.52417	1.52417	0.00762609	2.06006	2.06006	0.451636	1.17535	1.17535	0.441706	0.847664	-1.17971	4.77434	3.35614	0.624846	1
cg23269320	0.090248	0.242044	-4.13147	0.0678445	0.211358	-4.7313	0.309719	0.449884	-2.22279	0.00954596	0.0825536	-12.1133	3.49002	31.9153	8.12866	1
cg23838245	0.0116133	0.635268	-1.57414	6.30E-06	0.234447	-4.26536	0.790037	1.03912	1.03912	0.00083709	0.485395	-2.06018	19.1	6.2562	0.291156	1
cg18944653	2.39E-05	0.130544	-7.66027	0.000480716	0.266216	-3.75634	0.530457	1.16596	1.16596	0.00159576	0.334737	-2.98742	16.8056	15.5385	0.821868	1
cg15567428	0.108038	1.72355	1.72355	0.14349	0.613828	-1.62912	0.000422937	5.66318	5.66318	0.642003	1.15645	1.15645	6.51959	9.9526	1.35695	1
cg14690980	0.127605	0.684873	-1.46013	0.0109098	0.479891	-2.08381	0.0536007	1.65469	1.65469	0.172046	0.71605	-1.39655	3.9915	3.33728	0.743198	1
cg07364841	0.300171	0.802619	-1.24592	0.109163	0.699248	-1.43011	0.00954042	0.510524	-1.95877	0.015673	0.545185	-1.83424	8.55905	5.68521	0.59043	1
cg08820079	0.0486561	0.675719	-1.4799	0.000390793	0.373873	-2.67471	0.0293719	0.639777	-1.56305	0.00923777	0.562648	-1.77731	8.22031	3.94435	0.426516	1
cg04677405	0.00675712	0.463307	-2.1584	0.0614251	0.63019	-1.58682	0.0224311	0.549198	-1.82084	0.785647	0.942015	-1.06155	7.89906	6.00669	0.675939	1
cg26955579	0.019061	0.524544	-1.90642	0.0540623	0.608257	-1.64404	0.133365	0.69202	-1.44504	0.645067	0.899911	-1.11122	7.40037	6.05919	0.727794	1
cg00344372	0.114318	0.805953	-1.24077	0.0457946	0.750079	-1.33319	0.52581	0.922431	-1.08409	0.00171759	0.570056	-1.75421	6.37931	1.59386	0.222087	1
cg26900875	0.722488	0.971936	-1.02887	0.69859	1.03155	1.03155	0.7602	0.975859	-1.02474	0.744931	0.974278	-1.0264	6.15658	0.621346	0.0897102	1
cg08071405	0.440031	1.18195	1.18195	0.135055	1.40775	1.40775	0.256234	0.777574	-1.28605	0.000348863	0.295061	-3.38913	6.13984	4.3821	0.634414	1
cg02658564	0.0402942	0.466971	-2.14146	0.00367811	0.283059	-3.53283	0.337342	0.72765	-1.37429	0.0456197	0.478689	-2.08904	5.86564	9.59776	1.45446	1
cg04930921	0.00237154	0.136198	-7.34228	0.0336566	0.311278	-3.21257	0.550483	0.752659	-1.32862	0.824281	0.900677	-1.11028	5.58244	19.563	3.115	1
cg20362529	0.85888	1.07439	1.07439	0.217338	0.592569	-1.68757	0.359857	0.684167	-1.46163	0.0321244	0.363483	-2.75116	4.05704	10.4448	2.28844	1
cg17322505	0.961632	1.00578	1.00578	0.245065	1.15682	1.15682	0.513371	0.923658	-1.08265	0.520546	1.08115	1.08115	3.99994	0.909324	0.202075	1
cg19534769	0.21174	1.17715	1.17715	0.13105	0.81699	-1.224	0.757489	1.03915	1.03915	0.119785	0.811188	-1.23276	3.75109	0.913136	0.216384	1
cg26855689	5.68E-07	0.092693	-10.7883	2.09E-07	0.0667682	-14.9772	0.120578	0.748546	-1.33592	2.06E-05	0.227868	-4.38851	59.2399	27.7634	0.416588	1
cg01574365	6.35E-06	0.459356	-2.17696	0.177678	1.11695	1.11695	0.405723	1.06788	1.06788	0.00539977	0.753696	-1.32679	40.2424	3.79957	0.0839263	1
cg02052845	0.00143203	0.423484	-2.36137	0.806879	1.0467	1.0467	0.394884	1.17631	1.17631	0.0941995	0.709716	-1.40902	22.9429	12.6188	0.488897	1
cg21531740	0.0595629	0.728335	-1.37299	0.134089	0.785953	-1.27234	0.00540912	1.72597	1.72597	0.00253838	0.535512	-1.86737	20.1146	7.08004	0.312876	1
cg25832551	0.000105395	0.258876	-3.86285	0.55656	0.889294	-1.12449	0.0818689	0.683583	-1.46288	0.0803535	0.682008	-1.46626	18.741	11.5544	0.548028	1
cg20326572	0.000130824	0.307317	-3.25396	0.541412	1.1161	1.1161	0.10761	0.731982	-1.36615	0.0308553	0.637335	-1.56903	10.2728	5.13636	0.444441	1
cg19577098	3.20E-05	0.187123	-5.34408	0.543339	1.13581	1.13581	0.152723	0.728295	-1.37307	0.671602	0.915507	-1.09229	10.2215	6.93735	0.603291	1
cg05283453	0.000253708	0.0708276	-14.1188	0.043064	0.35981	-2.77924	0.892797	0.94251	-1.061	0.0161753	0.274745	-3.63974	9.72516	29.7	2.71461	1
cg26965718	0.0441905	1.46307	1.46307	0.000952983	2.24907	2.24907	0.0132876	1.65702	1.65702	0.363824	1.16605	1.16605	7.84825	3.36808	0.381468	1
cg00131871	0.767561	0.972241	-1.02855	0.00391672	1.44597	1.44597	0.853825	1.01767	1.01767	0.28624	0.900158	-1.11092	6.91751	0.988307	0.126996	1
cg20092334	0.0906098	1.48208	1.48208	0.0950088	1.47279	1.47279	0.701494	1.08467	1.08467	0.775891	0.941547	-1.06208	6.72503	4.74318	0.626936	1
cg02026024	0.34774	1.27516	1.27516	0.000853156	0.283695	-3.52491	0.907027	1.02981	1.02981	0.0503079	0.570647	-1.7524	6.6716	6.67923	0.889906	1
cg13309461	0.0184242	0.422491	-2.36691	0.19598	0.662297	-1.5099	0.0755421	1.81508	1.81508	0.243796	0.692484	-1.44408	5.29044	7.60791	1.27826	1
cg02537268	0.143807	0.754012	-1.32624	0.851895	1.03417	1.03417	0.0551822	1.47817	1.47817	0.820308	0.959923	-1.04175	5.20291	2.66322	0.454997	1
cg17893857	0.010718	0.546042	-1.83136	0.0223305	1.67623	1.67623	0.462332	1.15161	1.15161	0.790872	0.951093	-1.05142	5.0454	2.84442	0.501125	1
cg07461501	0.228491	1.1444	1.1444	0.000335373	0.539431	-1.8538	0.000441458	1.80791	1.80791	0.0269006	1.32274	1.32274	13.0525	2.3543	0.160331	1
cg20070790	0.000581114	0.548253	-1.82398	9.49E-05	0.455913	-2.1934	0.0816546	1.24358	1.24358	0.296986	1.12992	1.12992	11.1952	2.26269	0.179656	1
cg14940449	0.00112977	0.0985263	-10.1496	0.790548	1.1374	1.1374	0.99025	1.00593	1.00593	0.324213	1.63624	1.63624	3.55912	13.1851	3.29297	1
cg03623771	0.0485397	1.11509	1.11509	0.000139536	0.727577	-1.37443	0.00183709	0.807429	-1.2385	0.885696	0.993071	-1.00698	19.4861	0.721177	0.0328976	1
cg01560423	0.392973	0.876507	-1.14089	0.168954	0.80191	-1.24702	0.218347	0.822813	-1.21534	0.388794	1.14229	1.14229	3.95205	1.4201	0.319407	1
cg24464927	0.0863888	0.908091	-1.10121	7.90E-05	1.43784	1.43784	0.103675	0.913413	-1.09479	0.103026	0.913229	-1.09502	13.3516	0.547705	0.0364636	1
cg06090305	0.0133894	2.20295	2.20295	0.000690211	0.26297	-3.80272	0.995224	0.998458	-1.00154	0.000922438	0.279102	-3.58292	8.57482	9.02897	0.935967	1
cg13972999	0.000890113	0.275364	-3.63156	0.248092	1.36732	1.36732	0.656247	0.89041	-1.12308	0.00375403	0.36288	-2.75573	5.24839	5.58031	0.945103	1
cg21021052	0.0294351	0.388501	-2.57399	0.0883544	0.499996	-2.00002	0.785941	1.10556	1.10556	0.00526874	0.257628	-3.88156	4.8771	10.4974	1.91322	1
cg08318424	0.210325	0.798524	-1.25231	0.79334	1.04577	1.04577	0.931282	0.985408	-1.01481	0.000991456	0.434329	-2.3024	4.73706	2.17947	0.408968	1
cg03284554	0.0387222	3.02364	3.02364	0.0102679	4.46032	4.46032	0.137224	2.09573	2.09573	0.130914	2.12524	2.12524	4.27238	14.4561	3.00765	1
cg01154241	0.57988	0.952098	-1.05031	0.00436941	0.715893	-1.39686	0.0692031	0.836543	-1.1954	0.00339732	0.704973	-1.41849	4.00156	0.488444	0.108501	1
cg18494124	0.442861	1.15994	1.15994	0.0048081	0.491901	-2.03293	0.262858	1.24778	1.24778	0.773487	1.05625	1.05625	3.73688	2.12824	0.506243	1
cg20803232	0.905927	0.983634	-1.01664	0.369557	0.879306	-1.13726	0.0644537	0.74831	-1.33634	0.185744	0.822143	-1.21633	3.68861	1.13809	0.274261	1
cg24048338	0.297987	0.657856	-1.52009	0.858746	1.07159	1.07159	0.196871	1.69825	1.69825	0.462578	0.748071	-1.33677	3.52912	8.4212	2.12107	1
cg12716232	0.839633	1.05028	1.05028	0.0266691	1.88878	1.88878	0.850792	1.04665	1.04665	0.251518	1.33652	1.33652	3.4624	3.21498	0.825369	1
cg20803076	0.022048	1.20797	1.20797	0.000809147	1.41579	1.41579	0.960215	0.996573	-1.00344	0.334686	0.933831	-1.07086	9.48777	0.711448	0.066654	1
cg16395183	0.0188586	0.541185	-1.8478	0.000245445	0.270422	-3.69793	0.0799787	0.65749	-1.52094	4.78E-05	0.191562	-5.22025	25.0248	18.4659	0.655916	1
cg00556419	0.309198	0.894186	-1.11834	0.00348862	0.656246	-1.52382	0.00886129	0.70185	-1.42481	0.244964	0.878754	-1.13797	23.8082	4.25858	0.158996	1
cg19588327	4.18E-05	0.494282	-2.02313	0.0175839	0.770339	-1.29813	0.406246	1.07976	1.07976	0.000217899	0.572987	-1.74524	21.4812	2.7753	0.114842	1
cg09276883	0.150415	1.23393	1.23393	0.00702453	0.621717	-1.60845	0.145013	0.807805	-1.23792	0.144583	1.23825	1.23825	19.7664	5.82159	0.261795	1
cg20695534	0.0543688	0.641032	-1.55998	0.0216096	0.570129	-1.75399	0.0647957	1.52571	1.52571	0.00993408	0.515134	-1.94124	15.4634	10.1616	0.584119	1
cg08921300	0.00117668	0.266451	-3.75303	0.0066457	0.375838	-2.66072	0.000302268	0.195522	-5.1145	0.00658423	0.375189	-2.66532	14.8387	18.1405	1.08668	1
cg15584221	0.946872	0.986189	-1.014	0.0989492	0.685563	-1.45865	0.485869	1.15925	1.15925	0.465679	1.16758	1.16758	12.1821	8.40235	0.613095	1
cg04776040	0.0561255	1.68022	1.68022	0.000172381	0.216411	-4.62084	0.0902042	1.56504	1.56504	0.180272	0.710831	-1.4068	12.1274	11.0519	0.810061	1
cg13305793	0.00458053	0.231967	-4.31096	0.000753691	0.138356	-7.22772	0.000504699	0.121895	-8.2038	0.0145706	0.312013	-3.205	9.493	22.5292	2.10955	1
cg16166061	0.857066	0.960356	-1.04128	0.00861322	0.471582	-2.12052	0.764695	1.06967	1.06967	0.113662	0.679635	-1.47138	9.24843	7.3739	0.708723	1
cg08240383	0.751269	1.04754	1.04754	0.293063	1.17269	1.17269	0.145649	0.795982	-1.25631	0.0419321	0.710068	-1.40832	5.56438	1.87985	0.300299	1
cg05380808	0.919666	1.03431	1.03431	0.68475	1.14626	1.14626	0.221344	0.650555	-1.53715	0.0293074	0.423743	-2.35992	5.42927	9.61762	1.57461	1
cg16174106	0.947695	1.02159	1.02159	0.00247715	0.254141	-3.93482	0.325617	1.39167	1.39167	0.0735882	0.522293	-1.91463	5.05873	8.49528	1.49274	1
cg03047059	0.669108	0.784008	-1.2755	0.0184897	0.198474	-5.03843	0.0115691	0.167449	-5.97195	0.0635796	0.30711	-3.25616	4.80729	24.391	4.51	1
cg03436428	0.104643	1.4992	1.4992	0.172401	1.39316	1.39316	0.051948	0.603595	-1.65674	0.10425	0.66666	-1.50001	3.83557	3.16623	0.73377	1
cg25734421	0.375542	0.702799	-1.42288	0.954605	1.02232	1.02232	0.484134	0.759013	-1.3175	0.268687	0.639703	-1.56322	3.55391	8.46471	2.11716	1
cg15945769	0.618918	0.968999	-1.03199	0.0022373	0.76427	-1.30844	0.00342979	0.779052	-1.28361	0.192047	1.0906	1.0906	6.5746	0.410715	0.0555288	1
cg00487187	0.000196288	0.201029	-4.97441	4.29E-05	0.136418	-7.33042	8.59E-05	6.09211	6.09211	0.00149131	0.309239	-3.23375	24.1255	25.0878	0.924345	1
cg02185052	0.0354987	0.512491	-1.95125	0.000881153	0.256295	-3.90176	5.31E-05	7.85117	7.85117	0.130724	1.56152	1.56152	18.5665	21.9284	1.04984	1
cg14689537	0.00764268	0.240201	-4.16318	0.00178478	0.157343	-6.35553	0.0136343	0.281062	-3.55793	0.000605532	0.110928	-9.01486	15.8667	43.4737	2.4355	1
cg00876273	0.0850626	0.614129	-1.62832	0.0281917	0.514993	-1.94177	0.00019994	4.94727	4.94727	0.30926	1.30923	1.30923	13.2961	13.8066	0.923018	1
cg11055493	0.000505858	0.227066	-4.40401	0.000460574	0.222263	-4.49917	0.0525891	1.82416	1.82416	0.034058	0.509277	-1.96357	11.2479	13.255	1.0475	1
cg03330490	0.0224294	0.212921	-4.69657	0.000795572	0.0569634	-17.5551	0.132166	2.50675	2.50675	0.00464541	0.11892	-8.40903	7.70666	39.0404	4.50294	1
cg16508068	0.0114279	0.302481	-3.30599	0.00205876	0.193998	-5.1547	0.193722	1.68115	1.68115	0.00790284	0.276097	-3.62192	7.5614	17.0895	2.00898	1
cg23009123	0.0718424	0.509542	-1.96255	0.000583628	0.168002	-5.9523	0.141879	0.588698	-1.69866	0.133423	0.580932	-1.72137	6.7544	12.0411	1.58462	1
cg24787755	0.0571609	0.315732	-3.16724	0.00300068	0.113005	-8.84919	0.0195722	0.22062	-4.53268	0.00840476	0.164739	-6.07022	6.66256	30.2852	4.04051	1
cg11378840	0.000265538	0.157736	-6.33972	0.804742	0.926458	-1.07938	0.360928	1.33594	1.33594	0.152418	0.623304	-1.60435	6.57685	9.90647	1.3389	1
cg20180364	0.84374	1.06497	1.06497	0.778971	1.09389	1.09389	0.00507499	3.2593	3.2593	0.756807	0.905676	-1.10415	6.05233	9.75085	1.43208	1
cg18599843	0.0293367	0.340748	-2.93472	0.00184156	0.156417	-6.39316	0.861183	0.929214	-1.07618	0.011568	0.265971	-3.7598	5.61374	15.6421	2.4768	1
cg09721427	0.11286	0.472181	-2.11783	0.0101038	0.243856	-4.10078	0.043347	2.74671	2.74671	0.424744	0.701555	-1.4254	4.82885	14.4597	2.66172	1
cg26979504	0.0352672	0.224686	-4.45066	0.00364732	0.0912138	-10.9633	0.909449	0.933066	-1.07174	0.0236919	0.193116	-5.17824	4.00244	23.5041	5.21993	1
cg19704726	0.00939021	13.6468	13.6468	0.0607943	0.186873	-5.35123	0.0174153	9.94861	9.94861	0.4403	1.86738	1.86738	3.67637	32.594	8.86579	1
cg07616394	0.0546596	0.230596	-4.33658	0.00492831	0.0815293	-12.2655	0.0247858	0.165531	-6.04116	0.0318778	0.184026	-5.43402	3.57336	25.6375	6.37744	1
cg02215603	0.75519	0.938722	-1.06528	0.100364	0.694946	-1.43896	0.413247	1.18425	1.18425	0.0204741	0.5686	-1.75871	10.6431	6.88979	0.57542	1
cg25703243	0.453984	0.826247	-1.21029	0.130444	0.664509	-1.50487	0.170017	1.44153	1.44153	0.0375324	1.82916	1.82916	6.27571	6.22338	0.881478	1
cg12936746	0.0488012	0.428989	-2.33106	0.0243346	2.76367	2.76367	0.0848113	2.0404	2.0404	0.0976805	1.97203	1.97203	5.51712	11.6054	1.63607	1
cg13150467	0.0202761	1.60952	1.60952	3.56E-05	0.257566	-3.8825	0.491178	1.12627	1.12627	0.0436186	1.48365	1.48365	12.6495	5.79369	0.407126	1
cg14595911	0.0341562	1.49508	1.49508	0.572032	1.09736	1.09736	0.123128	1.31227	1.31227	0.0167716	1.60789	1.60789	3.51659	1.47433	0.372668	1
cg26978698	0.422741	0.881811	-1.13403	0.00115015	0.480041	-2.08315	0.455364	1.12388	1.12388	0.755739	0.9532	-1.0491	3.44815	1.28845	0.332145	1
cg11636151	0.95995	0.993478	-1.00656	6.99E-05	2.5751	2.5751	0.135707	1.23307	1.23307	0.0145717	0.675687	-1.47998	8.72157	2.34501	0.238999	1
cg01123449	0.801101	1.04005	1.04005	0.0297073	0.671586	-1.48901	0.0196305	0.644938	-1.55054	0.891221	0.978937	-1.02152	5.12369	1.96417	0.340757	1
cg19461519	0.18302	0.700473	-1.42761	0.0126195	2.1845	2.1845	0.593025	1.1456	1.1456	0.0651745	0.593538	-1.68481	4.8666	4.89324	0.893754	1
cg26055840	0.926579	1.01248	1.01248	0.0111951	1.53403	1.53403	0.0140823	1.50376	1.50376	0.0224813	0.692128	-1.44482	18.9021	5.4249	0.255111	1
cg26379339	0.00119881	1.26664	1.26664	0.0671683	1.08702	1.08702	0.0151407	1.13859	1.13859	0.202909	0.948912	-1.05384	43.3964	0.793985	0.0114351	1
cg07456670	0.125047	0.810386	-1.23398	0.000168985	0.444734	-2.24854	0.23161	1.17218	1.17218	0.0341902	1.36741	1.36741	15.8851	4.03372	0.225717	1
cg21761204	0.379419	1.29379	1.29379	0.543078	0.838748	-1.19225	0.467133	1.23536	1.23536	0.268431	0.719451	-1.38995	8.22467	10.6288	1.14872	1
cg14851485	0.0790323	2.0965	2.0965	0.000386	8.58182	8.58182	0.0148616	3.11848	3.11848	0.0134571	3.19477	3.19477	7.19788	16.427	2.02863	1
cg06797880	0.447678	0.785152	-1.27364	0.057204	0.510449	-1.95906	0.00116738	0.225419	-4.43619	0.851238	0.943008	-1.06044	4.26753	6.60297	1.37534	1
cg12009759	0.719574	0.9352	-1.06929	0.288371	1.2273	1.2273	0.0111966	1.80519	1.80519	0.0606419	1.4815	1.4815	3.71768	2.03319	0.486131	1
cg24035043	0.963946	1.01505	1.01505	0.261986	1.47202	1.47202	0.13234	1.71061	1.71061	0.998311	0.9993	-1.0007	3.53969	6.12563	1.53827	1
cg03475665	0.333935	1.89292	1.89292	0.570415	0.692675	-1.44368	0.0712434	0.275226	-3.63338	0.0268289	5.36186	5.36186	3.43904	22.3315	5.77203	1
cg02933141	0.700514	1.06494	1.06494	1.22E-06	0.130318	-7.67351	0.653087	1.07644	1.07644	0.030994	0.662122	-1.5103	27.3188	11.4687	0.373163	1
cg00613344	2.20E-05	0.252016	-3.96801	0.0247069	1.54132	1.54132	0.087327	1.35713	1.35713	3.55E-05	0.275021	-3.63608	23.4182	9.70704	0.368451	1
cg05600044	0.0344537	0.490558	-2.03849	0.00389776	0.32558	-3.07144	0.881729	1.04393	1.04393	0.133555	0.626714	-1.59562	7.11598	9.39696	1.17382	1
cg12721068	0.0124648	0.635084	-1.5746	0.015844	0.649517	-1.5396	0.419448	0.886515	-1.12801	0.106506	0.773089	-1.29351	6.37101	2.15143	0.30017	1
cg20017877	0.0879946	1.30165	1.30165	0.00259132	1.7941	1.7941	0.536816	0.916155	-1.09152	0.11664	0.787648	-1.2696	5.68048	1.7638	0.276002	1
cg22076769	0.600841	0.819402	-1.2204	0.0599062	0.448905	-2.22766	0.52311	0.783344	-1.27658	0.133406	0.542898	-1.84197	5.65143	12.7422	2.00417	1
cg23257028	0.133575	0.803739	-1.24419	0.481612	1.1014	1.1014	0.699863	0.949041	-1.0537	0.49997	0.911695	-1.09686	3.7613	1.08603	0.256656	1
cg08942016	0.148072	1.29636	1.29636	0.000352485	0.382766	-2.61256	0.113578	1.33377	1.33377	0.0138975	0.601465	-1.66261	12.4374	5.51207	0.393943	1
cg12157444	0.936351	0.991321	-1.00875	0.00232545	1.59062	1.59062	0.000108073	0.474788	-2.1062	0.16454	0.850566	-1.17569	9.8601	1.8602	0.167698	1
cg18187729	0.795863	1.10727	1.10727	0.000453222	0.113913	-8.77864	0.020228	0.332664	-3.00604	0.00605037	0.244335	-4.09274	8.34323	20.4141	2.17492	1
cg23915912	0.575518	0.912182	-1.09627	0.684624	1.0686	1.0686	0.000471115	0.409553	-2.44168	0.669356	1.07229	1.07229	4.56957	1.91048	0.371634	1
cg10431989	0.676317	0.955455	-1.04662	0.000723326	0.572286	-1.74738	0.440472	0.918166	-1.08913	0.707717	0.959948	-1.04172	12.9627	2.41814	0.165818	1
cg24769830	0.941991	1.02025	1.02025	0.00257429	0.316202	-3.16254	0.338674	1.31221	1.31221	0.0226781	0.471611	-2.12039	7.51172	9.0299	1.06854	1
cg02124498	0.0764374	0.659773	-1.51567	0.0103339	0.505777	-1.97716	0.0545339	1.5844	1.5844	0.128318	0.706915	-1.4146	5.99709	4.22832	0.626721	1
cg14703454	0.71509	1.17013	1.17013	0.254551	0.600583	-1.66505	0.525918	0.759243	-1.3171	0.0103742	0.2507	-3.98884	4.73669	13.7786	2.5857	1
cg08817540	0.241273	0.70867	-1.41109	0.00600344	0.36495	-2.7401	0.0372371	1.97162	1.97162	0.233635	0.704295	-1.41986	4.09642	5.11318	1.10952	1
cg15518491	0.601428	0.947323	-1.05561	0.000137774	0.50825	-1.96753	0.000449748	1.76501	1.76501	0.00243437	0.648399	-1.54226	14.5326	2.42667	0.148428	1
cg19342782	0.00908658	0.234309	-4.26786	0.000329082	0.0789371	-12.6683	0.72888	0.858711	-1.16454	0.0108995	0.246821	-4.05152	7.28131	22.0988	2.69778	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13549897	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3;ANKRD13C	0.00442277	0.701672	1.06586	1.06586	0.781615	0.954992	-1.04713	0.803265	1.04223	1.04223	0.138217	0.767585	-1.30279	0.171365	1.27295	1.27295
cg20686279	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3;HHLA3;HHLA3;HHLA3	0.00474245	0.887794	0.984796	-1.01544	0.0259339	1.33232	1.33232	0.0321465	1.31305	1.31305	0.0484941	0.783006	-1.27713	0.0734939	1.24179	1.24179
cg24353489	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3;HHLA3;HHLA3;HHLA3	0.048099	0.46641	0.906789	-1.10279	0.136075	1.2362	1.2362	0.624015	1.06739	1.06739	0.0529515	1.33691	1.33691	0.211975	0.840658	-1.18954
cg13244522	HHLA3;HHLA3;HHLA3;HHLA3	0.00326739	0.378755	0.660976	-1.51292	0.243781	0.57169	-1.7492	0.0431053	0.344033	-2.9067	0.556437	1.31356	1.31356	0.000214371	0.0587879	-17.0103
cg20791226	HHLA3;HHLA3;HHLA3;HHLA3	0.00689723	0.0378336	2.05872	2.05872	0.0108847	0.383446	-2.60793	0.00488891	0.32681	-3.05989	0.879832	0.955653	-1.04641	0.00547583	0.334463	-2.98986
cg03990478	HHLA3;HHLA3;HHLA3;HHLA3;ANKRD13C	0.0167824	0.32898	0.718505	-1.39178	?	?	?	0.965113	0.985751	-1.01445	0.453927	0.778559	-1.28442	0.000311233	0.146733	-6.81511
cg24713396	HIAT1	0.000552614	0.0773521	0.607055	-1.6473	0.521486	1.1796	1.1796	0.857417	0.955313	-1.04678	0.0727764	1.66332	1.66332	0.00790869	0.420663	-2.3772
cg19735074	HIAT1	0.0048526	0.442036	0.785661	-1.27281	6.53E-05	0.104799	-9.54207	0.818466	1.07331	1.07331	0.745512	1.10541	1.10541	0.515673	0.816414	-1.22487
cg09171111	HIAT1	0.00733838	0.540398	0.816563	-1.22464	0.271785	0.687945	-1.4536	0.303805	0.705935	-1.41656	0.278397	1.4456	1.4456	0.00727984	0.322459	-3.10117
cg11347139	HIAT1	0.018093	0.0546255	0.436532	-2.29078	0.419903	0.731012	-1.36797	0.709931	1.15264	1.15264	0.259772	0.639571	-1.56355	0.0268711	0.369072	-2.7095
cg25758134	HIAT1	0.0186869	0.257754	0.813752	-1.22888	0.444854	1.14559	1.14559	0.34124	1.18666	1.18666	0.375061	1.1722	1.1722	0.211903	0.794941	-1.25796
cg02161046	HIAT1	0.0402049	0.600517	0.93144	-1.07361	0.0554572	1.33882	1.33882	0.0204402	1.45574	1.45574	0.518518	0.915778	-1.09197	0.100923	1.27314	1.27314
cg22232859	HIATL1	0.0276683	0.00086617	0.474882	-2.10579	0.221398	0.825738	-1.21104	0.374271	0.872965	-1.14552	0.887806	1.02125	1.02125	0.0418442	0.705092	-1.41825
cg03068646	HIATL1;HIATL1	0.0394007	0.137308	0.829661	-1.20531	0.0474996	1.30279	1.30279	0.00586297	1.52321	1.52321	0.906562	0.986392	-1.0138	0.586566	1.06617	1.06617
cg13972661	HIATL2	0.00210049	0.00285407	3.59395	3.59395	0.0816144	1.82465	1.82465	0.0193244	2.41463	2.41463	0.00552162	3.11567	3.11567	0.00276221	3.62016	3.62016
cg17606287	HIATL2	0.00916442	0.889274	0.98833	-1.01181	0.541001	1.05353	1.05353	0.0754644	0.846399	-1.18148	0.132727	0.872232	-1.14648	0.817463	1.01967	1.01967
cg13409409	HIATL2	0.0367687	0.0849963	0.483769	-2.0671	0.587026	1.23256	1.23256	0.547758	1.26102	1.26102	0.210446	0.604628	-1.65391	0.0211153	0.347397	-2.87855
cg07401773	HIATL2	0.037878	0.103879	0.814268	-1.2281	0.0247923	1.3617	1.3617	0.0200363	1.38297	1.38297	0.074201	0.794637	-1.25844	0.795315	1.03049	1.03049
cg22049091	HIBADH	0.00110579	0.691637	0.910357	-1.09847	0.000515947	0.279014	-3.58405	0.00993283	0.464319	-2.15369	0.106094	1.51557	1.51557	0.275749	1.30618	1.30618
cg11184340	HIBADH	0.00309495	0.559179	1.05331	1.05331	0.20393	1.12513	1.12513	0.134214	1.15259	1.15259	0.617468	1.04527	1.04527	0.00150472	1.49503	1.49503
cg23208678	HIBADH	0.00337965	0.203249	0.846951	-1.18071	0.454764	1.09875	1.09875	0.00727043	0.651662	-1.53454	0.000976027	1.83434	1.83434	0.000978614	0.545293	-1.83388
cg21874514	HIBADH	0.00441848	0.0542811	1.19297	1.19297	0.0833387	0.85653	-1.1675	0.620566	1.04114	1.04114	0.00214242	0.705839	-1.41675	0.106888	1.15282	1.15282
cg01823853	HIBADH	0.00819408	0.00576887	0.201029	-4.9744	0.0690032	0.40559	-2.46555	0.096815	0.445583	-2.24425	0.512195	0.744676	-1.34287	0.000362173	0.079211	-12.6245
cg01065605	HIBADH	0.0263208	0.231834	0.716513	-1.39565	0.761423	1.08432	1.08432	0.49296	0.831022	-1.20334	0.000810256	0.261071	-3.83037	0.00952186	0.417672	-2.39422
cg25420839	HIBADH	0.033832	0.0650459	0.238767	-4.18819	0.0020062	0.0490705	-20.3788	0.0183334	0.1382	-7.23588	0.149895	0.343939	-2.90749	0.0330734	0.178546	-5.60081
cg22538323	HIBADH	0.0437106	0.108155	0.872304	-1.14639	0.174365	0.893491	-1.11921	0.843637	0.984726	-1.01551	0.00236488	0.71856	-1.39167	0.0192428	0.801943	-1.24697
cg07158040	HIBCH;HIBCH	0.00302609	0.564092	1.25654	1.25654	0.0381269	0.390128	-2.56326	0.0179534	0.324252	-3.08402	0.248067	1.60466	1.60466	0.000161224	0.0801934	-12.4699
cg13657944	HIBCH;HIBCH	0.00387079	0.896596	1.02607	1.02607	0.0074448	1.97829	1.97829	0.00532378	2.06853	2.06853	0.121105	1.39476	1.39476	0.780027	1.05699	1.05699
cg16804948	HIBCH;HIBCH	0.0165989	0.753892	1.05667	1.05667	0.00289716	0.487888	-2.04965	0.2196	0.79752	-1.25389	0.267688	0.816796	-1.2243	0.437074	1.14906	1.14906
cg25269222	HIBCH;HIBCH	0.0385464	0.301363	0.724441	-1.38037	0.896784	0.961683	-1.03984	0.179274	0.650866	-1.53641	0.321299	0.734574	-1.36133	0.00144738	0.250173	-3.99724
cg17182507	HIC1	0.000343162	0.00106712	0.568647	-1.75856	0.000577072	1.86215	1.86215	0.0728318	1.26314	1.26314	0.485653	0.920623	-1.08622	0.000478681	0.527389	-1.89613
cg03244036	HIC1	0.000805632	0.00331485	0.615632	-1.62435	0.0167574	0.701792	-1.42492	0.0398833	0.749667	-1.33393	0.727362	0.958435	-1.04337	0.000439733	0.509948	-1.96099
cg17416280	HIC1	0.00150631	2.49E-05	0.0525449	-19.0313	0.228226	0.640989	-1.56009	0.350412	1.40213	1.40213	0.0043917	0.262486	-3.80973	0.415993	0.746507	-1.33957
cg25449542	HIC1	0.00421617	0.012554	0.452044	-2.21218	0.483303	0.833434	-1.19985	0.0819569	1.63709	1.63709	0.0693442	0.594754	-1.68137	0.540023	1.17194	1.17194
cg22934970	HIC1	0.0076824	0.177799	0.521832	-1.91633	0.697156	1.19438	1.19438	0.294985	1.63769	1.63769	0.361288	1.53147	1.53147	0.00869638	0.218998	-4.56626
cg04962428	HIC1	0.00962138	0.0211348	0.342147	-2.92272	0.00324832	0.211682	-4.72406	0.672342	0.848264	-1.17888	0.142685	0.54362	-1.83952	0.40103	0.717117	-1.39447
cg04414274	HIC1	0.0119072	0.322335	0.818417	-1.22187	0.144928	1.35914	1.35914	0.385411	0.839948	-1.19055	0.587602	0.898234	-1.1133	0.438081	1.1677	1.1677
cg01070985	HIC1	0.0133819	0.0670086	0.56368	-1.77406	0.0350283	1.98542	1.98542	0.624694	1.1476	1.1476	0.0703465	0.568467	-1.75912	0.188334	0.677589	-1.47582
cg02151609	HIC1	0.0210181	0.586918	0.799763	-1.25037	0.0166137	3.29159	3.29159	0.0013425	6.67188	6.67188	0.89124	1.0573	1.0573	0.319943	0.657967	-1.51983
cg13915354	HIC1	0.0219878	0.971504	0.995758	-1.00426	0.0394928	0.753187	-1.32769	0.300932	1.13606	1.13606	0.00748951	0.663841	-1.50638	0.387025	0.899849	-1.1113
cg25893992	HIC1	0.0267991	0.173336	0.662654	-1.50908	0.330441	0.751831	-1.33009	0.912759	1.03162	1.03162	0.755757	0.915188	-1.09267	0.422263	0.792286	-1.26217
cg21973370	HIC1	0.0279795	0.0184195	0.474892	-2.10574	0.692984	0.901822	-1.10887	0.440261	1.22749	1.22749	0.0956338	0.620829	-1.61075	0.265106	0.739002	-1.35318
cg19962565	HIC1	0.0320499	0.00923918	0.270014	-3.70352	0.814393	0.911018	-1.09767	0.0140508	0.300729	-3.32526	0.577775	0.800249	-1.24961	0.0829293	0.46727	-2.14009
cg11144056	HIC1	0.0493843	0.623463	0.864784	-1.15636	0.746546	1.09989	1.09989	0.685854	0.887465	-1.1268	0.976967	0.99156	-1.00851	?	?	?
cg21854952	HIC1;HIC1	0.00379688	0.0236811	2.97099	2.97099	0.00858997	3.86257	3.86257	0.478256	1.3373	1.3373	0.14742	1.87144	1.87144	0.0120036	3.53708	3.53708
cg00911794	HIC1;HIC1	0.00528138	0.126226	2.52506	2.52506	0.236288	2.00331	2.00331	0.0120489	0.17325	-5.77202	0.355359	1.70285	1.70285	0.0673247	3.15136	3.15136
cg00138101	HIC1;HIC1	0.00555054	0.0256119	2.6905	2.6905	0.00866931	3.48611	3.48611	0.157339	1.7584	1.7584	0.219486	1.61922	1.61922	0.717681	1.14513	1.14513
cg20682981	HIC1;HIC1	0.00606082	0.437165	0.780173	-1.28177	0.0731034	1.87014	1.87014	0.0129772	2.62643	2.62643	0.0201161	2.40631	2.40631	0.036093	0.466068	-2.14561
cg23621097	HIC1;HIC1	0.00777563	0.082895	2.60173	2.60173	0.138941	2.21025	2.21025	0.459124	1.45548	1.45548	0.208211	1.93614	1.93614	0.0345091	3.41329	3.41329
cg02756676	HIC1;HIC1	0.011647	0.0948857	0.686846	-1.45593	0.00810239	2.0015	2.0015	0.116223	1.41818	1.41818	0.278127	0.793888	-1.25962	0.151532	0.730158	-1.36957
cg01070078	HIC1;HIC1	0.014201	0.874985	0.911317	-1.09731	0.376697	1.70753	1.70753	0.230931	0.476538	-2.09847	0.906015	0.932707	-1.07215	0.000671788	0.0464983	-21.5061
cg13389502	HIC1;HIC1	0.0214634	0.0304172	4.25494	4.25494	0.0499482	3.56981	3.56981	0.552057	1.40836	1.40836	0.36408	1.70041	1.70041	0.0196134	4.97738	4.97738
cg00927777	HIC1;HIC1	0.0341661	0.0889574	1.9905	1.9905	0.394142	1.37751	1.37751	0.710831	1.14643	1.14643	0.395878	1.37582	1.37582	0.0556174	2.2164	2.2164
cg24173182	HIC1;HIC1	0.0377415	0.182905	2.04636	2.04636	0.145516	2.20749	2.20749	0.628704	1.28002	1.28002	0.541139	1.36811	1.36811	0.0175212	4.32687	4.32687
cg16011800	HIC1;HIC1;HIC1	0.0119016	0.284744	0.851738	-1.17407	0.00536753	0.588904	-1.69807	0.057109	0.732813	-1.3646	0.396742	1.13352	1.13352	0.122274	0.785162	-1.27362
cg03988107	HIC2	0.0071933	0.0538971	0.573383	-1.74404	0.109142	0.641461	-1.55894	0.0563568	0.577436	-1.73179	0.154024	1.47381	1.47381	0.00436554	0.379942	-2.63198
cg13558199	HIC2	0.00741729	0.0125247	0.612656	-1.63224	0.799369	0.960622	-1.04099	0.145818	1.27931	1.27931	0.112176	1.31368	1.31368	0.0514992	0.704923	-1.4186
cg23575668	HIC2	0.0318937	0.704637	1.11023	1.11023	0.0077472	2.55763	2.55763	0.00983536	2.44965	2.44965	0.874293	1.04443	1.04443	0.642187	1.1371	1.1371
cg04115381	HIC2	0.0489038	0.544007	0.903942	-1.10627	0.0431942	0.68217	-1.46591	0.571354	1.09863	1.09863	0.451332	0.881444	-1.1345	0.590846	0.914621	-1.09335
cg23174662	HIF1A;HIF1A	0.00180744	0.00013801	0.0685927	-14.5788	0.0439653	0.390103	-2.56343	0.248679	0.61242	-1.63287	0.010064	0.26693	-3.74631	0.0249441	0.337891	-2.95954
cg26661257	HIF1A;HIF1A	0.00550311	0.424628	0.906197	-1.10351	0.367909	1.1182	1.1182	0.482888	1.08996	1.08996	0.633492	0.943624	-1.05974	0.547079	0.929035	-1.07639
cg07052387	HIF1A;HIF1A	0.0100057	0.673029	1.04793	1.04793	0.125483	1.20071	1.20071	0.00846884	0.690196	-1.44886	0.822891	1.02504	1.02504	0.159418	0.847159	-1.18042
cg20931965	HIF1A;HIF1A	0.0305644	0.0181622	0.301182	-3.32026	0.0174717	0.298097	-3.35461	0.175508	0.547336	-1.82703	0.540812	0.771801	-1.29567	0.0343045	0.355926	-2.80957
cg26303175	HIF1AN	0.00011246	0.0453125	1.44286	1.44286	0.00341615	0.529828	-1.88741	0.00112302	0.46496	-2.15072	0.061781	0.71471	-1.39917	0.0114558	1.65723	1.65723
cg08314679	HIF1AN	0.0274348	0.0749804	0.760048	-1.31571	0.96903	1.00539	1.00539	0.00738369	1.61225	1.61225	0.0656167	0.751354	-1.33093	0.40997	0.889952	-1.12366
cg18133905	HIF1AN	0.0395794	0.0396829	0.471308	-2.12175	0.892741	0.958232	-1.04359	0.195966	1.54106	1.54106	0.879399	1.04919	1.04919	0.071945	0.529783	-1.88756
cg19045239	HIF3A	0.00151476	0.00721139	0.209593	-4.77114	8.03E-05	0.0404315	-24.7332	0.00526477	0.190521	-5.24876	0.105019	0.450136	-2.22155	0.00176536	0.134371	-7.44207
cg14117138	HIF3A	0.00153948	0.214958	1.75941	1.75941	0.00773866	4.39561	4.39561	0.00120323	0.128355	-7.7909	?	?	?	0.69518	0.843293	-1.18583
cg19310908	HIF3A	0.0319468	?	?	?	0.14909	1.53224	1.53224	0.00881403	2.50879	2.50879	0.351839	1.30247	1.30247	0.00786468	2.56138	2.56138
cg02879662	HIF3A;HIF3A	0.0375866	0.892775	1.03215	1.03215	0.0978884	0.653051	-1.53127	0.129926	0.681213	-1.46797	0.635005	0.893852	-1.11875	0.00107547	0.321955	-3.10602
cg25460031	HIF3A;HIF3A;HIF3A	0.000112952	9.10E-05	0.158902	-6.29318	4.83E-05	0.133863	-7.4703	0.0237389	0.491682	-2.03384	0.00254252	0.332388	-3.00854	1.11E-05	0.0855553	-11.6883
cg20969614	HIF3A;HIF3A;HIF3A	0.00929599	0.674437	0.910062	-1.09883	0.000678252	0.313892	-3.18581	0.0126197	0.500687	-1.99726	0.295689	0.785141	-1.27366	0.771854	0.937205	-1.067
cg23548163	HIF3A;HIF3A;HIF3A	0.0136473	0.00368233	10.8832	10.8832	0.00366966	10.8992	10.8992	0.445627	1.60446	1.60446	0.415886	1.65808	1.65808	0.792937	0.852166	-1.17348
cg14153927	HIF3A;HIF3A;HIF3A	0.0173242	0.013778	0.243666	-4.10397	0.103363	0.437736	-2.28448	0.028685	0.30215	-3.30961	0.164305	0.502506	-1.99003	0.00663095	0.195121	-5.12501
cg11253785	HIF3A;HIF3A;HIF3A	0.0192967	0.232983	0.773006	-1.29365	0.371975	0.828028	-1.20769	0.646303	0.909258	-1.0998	0.224525	1.30038	1.30038	0.000310928	0.299906	-3.33438
cg26749414	HIF3A;HIF3A;HIF3A	0.0265732	0.0123236	12.0725	12.0725	0.287022	2.41964	2.41964	0.13517	3.62265	3.62265	0.0752118	4.87152	4.87152	0.019627	9.51953	9.51953
cg25196389	HIF3A;HIF3A;HIF3A	0.0293073	0.10149	1.92587	1.92587	0.0343452	2.46519	2.46519	0.315223	1.46168	1.46168	0.147348	1.76528	1.76528	0.0712616	2.08845	2.08845
cg01552731	HIF3A;HIF3A;HIF3A;HIF3A	0.0052198	0.00418505	3.82097	3.82097	0.0274092	2.48831	2.48831	0.796119	0.91351	-1.09468	0.0482493	2.20033	2.20033	0.0172139	2.75672	2.75672
cg01996116	HIGD1A;HIGD1A;HIGD1A	0.0020232	0.118003	2.27623	2.27623	0.000376053	15.7197	15.7197	0.0218641	3.79291	3.79291	0.000221864	19.6862	19.6862	0.206302	0.524158	-1.90782
cg02718966	HIGD1A;HIGD1A;HIGD1A	0.00297478	0.671044	1.11709	1.11709	0.000110284	5.83417	5.83417	0.00415492	2.70664	2.70664	0.0150247	2.16997	2.16997	0.079956	0.60439	-1.65456
cg04954090	HIGD1A;HIGD1A;HIGD1A	0.0113987	0.759808	1.05306	1.05306	0.0120298	0.589764	-1.69559	0.00274139	0.498094	-2.00765	0.105208	0.741971	-1.34776	0.201128	1.25559	1.25559
cg01293485	HIGD1A;HIGD1A;HIGD1A	0.0324914	0.0576534	3.31931	3.31931	0.0116851	5.81867	5.81867	0.0261349	4.37099	4.37099	0.0952871	2.7853	2.7853	0.0515801	0.289847	-3.45009
cg14508777	HIGD1A;HIGD1A;HIGD1A	0.0475015	0.856197	1.07028	1.07028	0.00660446	3.7448	3.7448	0.0603911	2.20987	2.20987	0.7197	1.14445	1.14445	0.0488102	0.430655	-2.32205
cg20235651	HIGD1A;HIGD1A;HIGD1A;HIGD1A	0.00431118	0.000986086	0.246836	-4.05127	0.0018638	0.283353	-3.52916	0.159748	1.53599	1.53599	0.654728	1.13723	1.13723	0.175449	1.50925	1.50925
cg07544984	HIGD1A;HIGD1A;HIGD1A;HIGD1A	0.0404336	0.0491736	1.65898	1.65898	0.610813	1.12266	1.12266	0.809341	0.946965	-1.05601	0.254343	0.764658	-1.30777	0.00604264	0.445542	-2.24446
cg10905877	HIGD1A;HIGD1A;HIGD1A;HIGD1A;HIGD1A	0.00419354	0.00851234	0.34462	-2.90174	0.00700254	0.33075	-3.02343	0.00510375	0.30911	-3.2351	0.0184069	0.403599	-2.47771	0.000907262	0.207135	-4.82778
cg24417621	HIGD1B	0.00018301	0.000590322	0.221771	-4.50916	0.000476963	0.210934	-4.74082	0.147652	0.643499	-1.554	0.0192886	0.447914	-2.23257	0.00024674	0.179431	-5.57317
cg20127596	HIGD1B	0.000568984	0.407246	1.20446	1.20446	0.891359	0.970457	-1.03044	0.565757	0.880383	-1.13587	0.0513296	1.62725	1.62725	0.00546709	0.448518	-2.22956
cg02164386	HIGD1B	0.00074548	0.147595	0.657417	-1.5211	0.0747312	1.70895	1.70895	0.524468	0.840195	-1.1902	0.01906	0.46483	-2.15132	0.00741432	0.394101	-2.53742
cg21009972	HIGD1B	0.0451726	0.043728	0.256057	-3.90537	0.216265	0.46548	-2.14832	0.510028	0.675227	-1.48098	0.665762	0.774609	-1.29097	0.0618278	0.290565	-3.44157
cg22846807	HIGD1B;HIGD1B	0.0305217	0.0102205	0.367693	-2.71966	0.181295	0.644993	-1.5504	0.956186	1.01712	1.01712	0.78646	0.919517	-1.08753	0.0363636	0.471536	-2.12073
cg12160527	HIGD1C	0.0014523	0.00909744	0.399247	-2.50471	0.00330894	0.330087	-3.02951	0.00456322	0.351171	-2.84761	0.337027	1.31552	1.31552	0.000391842	0.209015	-4.78434
cg03752800	HIGD1C	0.0113834	0.365732	1.21202	1.21202	0.00413987	0.45137	-2.21548	0.536743	0.878593	-1.13818	0.0285535	1.70678	1.70678	0.776924	1.06054	1.06054
cg19008266	HIGD1C	0.0291008	0.151503	1.52373	1.52373	0.913163	1.03035	1.03035	0.822221	0.940188	-1.06362	0.0173788	2.21172	2.21172	0.00885269	2.4922	2.4922
cg07797221	HIGD2A;NOP16	0.00400403	0.0107662	1.35675	1.35675	0.981867	1.00217	1.00217	0.0720043	1.21073	1.21073	0.00925103	1.36961	1.36961	0.289308	1.11041	1.11041
cg27164762	HIGD2A;NOP16	0.0485495	0.00152707	0.322072	-3.10489	0.11603	0.654308	-1.52833	0.761147	0.927086	-1.07865	0.302349	1.30386	1.30386	0.822378	0.945696	-1.05742
cg05013483	HIGD2B;BBS4	0.000353522	0.0234823	2.04611	2.04611	0.469951	0.823269	-1.21467	0.0859859	1.65193	1.65193	0.284227	0.745047	-1.3422	0.644941	1.13061	1.13061
cg11354991	HIGD2B;BBS4	0.00559642	0.0374431	0.781732	-1.27921	0.53721	0.938273	-1.06579	0.0189748	1.336	1.336	0.122753	0.84322	-1.18593	0.00446624	0.6793	-1.4721
cg21965820	HIGD2B;BBS4	0.00820328	?	?	?	0.696291	1.15879	1.15879	0.302314	1.49401	1.49401	0.0578103	0.446701	-2.23863	0.00404336	0.234453	-4.26525
cg27224791	HILS1;HILS1;SGCA;SGCA	0.00498796	0.406181	0.842998	-1.18624	0.38282	1.19707	1.19707	0.116483	0.709773	-1.4089	0.742002	0.93576	-1.06865	0.000116334	0.257351	-3.88575
cg06329587	HINFP;HINFP	2.76E-05	0.0141864	0.69095	-1.44728	0.166122	1.19771	1.19771	0.0143857	0.691705	-1.4457	0.0361555	0.742544	-1.34672	6.65E-07	0.191054	-5.23411
cg02795624	HINFP;HINFP	0.0177294	0.0358036	0.716521	-1.39563	0.227521	0.841232	-1.18873	0.175453	1.21729	1.21729	0.0296462	0.70511	-1.41822	0.501473	1.09758	1.09758
cg22954171	HINFP;HINFP	0.02583	0.0287553	0.333049	-3.00257	0.117886	2.06231	2.06231	0.0531508	2.55122	2.55122	0.638224	0.817195	-1.2237	0.0740132	0.42795	-2.33672
cg08419918	HINFP;HINFP	0.0473596	0.0214828	0.283253	-3.53041	0.0815093	0.414064	-2.41509	0.375411	0.660051	-1.51503	0.359834	0.650556	-1.53715	0.0146804	0.253643	-3.94255
cg07472398	HINT1;HINT1;HINT1	0.00159463	0.797679	0.966377	-1.03479	0.0111134	1.52781	1.52781	0.00181024	1.80501	1.80501	0.0250119	0.701157	-1.42621	0.28966	0.863878	-1.15757
cg12810560	HINT1;HINT1;HINT1	0.0128073	0.0675186	0.38237	-2.61527	0.359661	0.642736	-1.55585	0.801563	0.888525	-1.12546	0.866908	0.924297	-1.0819	0.440957	0.691556	-1.44601
cg13565152	HINT2	7.77E-06	0.992756	1.00203	1.00203	0.161882	1.39705	1.39705	0.401722	1.21183	1.21183	0.0563494	0.616482	-1.62211	0.017491	1.91071	1.91071
cg01328164	HINT2	0.0182448	0.628978	0.934266	-1.07036	0.0420304	1.38708	1.38708	0.0593042	1.34627	1.34627	0.455126	0.899205	-1.11209	0.469822	0.902406	-1.10815
cg24789940	HINT3	0.00709782	0.0853119	0.661739	-1.51117	0.00280878	0.409198	-2.44381	0.0284072	0.570363	-1.75327	0.145842	0.712543	-1.40342	0.0334898	0.58322	-1.71462
cg26071414	HINT3	0.0289821	0.480781	1.21045	1.21045	0.00570127	0.380536	-2.62787	0.731183	0.912191	-1.09626	0.0230323	2.06358	2.06358	0.0248228	2.03788	2.03788
cg05828906	HINT3	0.0408919	0.708031	0.959972	-1.0417	0.542377	1.06926	1.06926	0.00104782	1.69322	1.69322	0.553308	1.06728	1.06728	0.101402	1.21501	1.21501
cg05554353	HINT3;HINT3	0.0416381	0.232276	0.777704	-1.28584	0.668096	1.09042	1.09042	0.419836	0.847541	-1.17988	0.798632	0.949988	-1.05265	0.07221	1.49584	1.49584
cg27415006	HIP1	0.000849032	0.838647	1.02769	1.02769	0.0327492	1.39739	1.39739	0.586731	0.92912	-1.07629	0.167008	1.21814	1.21814	0.555899	0.923312	-1.08306
cg18724912	HIP1	0.00167877	0.158401	0.726386	-1.37668	0.000655526	0.330502	-3.0257	0.00123992	0.367602	-2.72033	0.408978	0.836069	-1.19607	0.0392743	1.65808	1.65808
cg01621268	HIP1	0.00183333	0.158173	1.53682	1.53682	0.0527762	1.87205	1.87205	0.390414	1.28487	1.28487	0.000586114	4.54186	4.54186	0.783885	0.924685	-1.08145
cg14177084	HIP1	0.0038275	0.146471	0.750168	-1.33304	0.0111863	0.55637	-1.79737	0.396479	1.17367	1.17367	0.0981279	1.39738	1.39738	0.000224569	0.322352	-3.1022
cg04200641	HIP1	0.00582381	0.907498	0.987499	-1.01266	0.000247459	1.92499	1.92499	0.0255204	1.33273	1.33273	0.0255347	0.750369	-1.33268	0.21731	1.15082	1.15082
cg19507725	HIP1	0.0198803	0.0890607	1.69854	1.69854	0.012869	2.39297	2.39297	0.0492613	1.88519	1.88519	0.281477	1.37193	1.37193	0.761241	1.08991	1.08991
cg26596975	HIP1	0.0249597	0.2398	1.5455	1.5455	0.000951571	5.7084	5.7084	0.221874	1.57477	1.57477	0.574697	1.22205	1.22205	0.656436	0.853548	-1.17158
cg00029161	HIP1	0.0267311	0.0130143	0.707996	-1.41244	0.120231	1.2079	1.2079	0.488207	1.08212	1.08212	0.478144	0.922364	-1.08417	0.0075913	0.680592	-1.46931
cg02229461	HIP1	0.031567	0.100585	0.365175	-2.73841	0.00424553	0.117261	-8.52802	0.22398	0.488955	-2.04518	0.216683	0.482844	-2.07106	0.0885924	0.349191	-2.86376
cg02713883	HIP1	0.0355901	0.193667	1.6324	1.6324	0.00346735	4.11156	4.11156	0.0249149	2.58832	2.58832	0.196433	1.62691	1.62691	0.623283	1.19292	1.19292
cg05857060	HIP1	0.0385752	0.88168	0.949764	-1.05289	0.00385617	0.259905	-3.84755	0.17246	0.605003	-1.65288	0.613915	1.19249	1.19249	0.982021	1.00783	1.00783
cg24650353	HIP1	0.0451073	0.940827	1.01119	1.01119	0.478249	1.11413	1.11413	0.0110567	1.61239	1.61239	0.593425	1.08414	1.08414	0.0324921	0.687137	-1.45531
cg24847996	HIP1R	0.000585491	0.0248181	2.25754	2.25754	0.000844847	4.6169	4.6169	0.00555983	3.03508	3.03508	0.00614407	2.97329	2.97329	0.0517733	0.509327	-1.96337
cg00805577	HIP1R	0.00157301	0.00152922	6.14761	6.14761	0.00745808	3.94214	3.94214	0.088837	2.11117	2.11117	0.00578914	4.21776	4.21776	0.650273	1.19928	1.19928
cg10551058	HIP1R	0.00680124	0.413517	1.18516	1.18516	0.0985737	0.692057	-1.44497	0.0126861	0.532864	-1.87665	0.791078	0.947478	-1.05543	0.012309	0.53076	-1.88409
cg27405626	HIP1R	0.0090198	0.0997929	1.67778	1.67778	0.045805	1.92872	1.92872	0.333865	1.33104	1.33104	0.0264634	2.12741	2.12741	0.590282	0.855603	-1.16877
cg19340625	HIP1R	0.0106116	0.0136702	0.388105	-2.57663	0.0560565	1.9574	1.9574	0.0604511	1.92911	1.92911	0.219423	1.49302	1.49302	0.0193853	0.415867	-2.40462
cg22501476	HIP1R	0.0107929	0.0267678	2.35489	2.35489	0.139324	1.68085	1.68085	0.4387	1.29409	1.29409	0.0135246	2.71197	2.71197	0.734254	0.894745	-1.11764
cg02025034	HIP1R	0.0138136	0.315099	1.60394	1.60394	0.0016719	7.72395	7.72395	0.00641635	5.01654	5.01654	0.112571	2.19385	2.19385	0.805484	1.11876	1.11876
cg02358858	HIP1R	0.0216006	0.38083	0.835121	-1.19743	0.438597	1.17158	1.17158	0.307086	1.23607	1.23607	0.0208073	1.74666	1.74666	0.0141407	0.545017	-1.83481
cg25930673	HIP1R	0.0371489	0.697792	0.904655	-1.10539	0.500233	0.838857	-1.1921	0.145106	1.49452	1.49452	0.0345806	1.88284	1.88284	0.574503	1.15681	1.15681
cg12226111	HIP1R;HIP1R	0.0291031	0.00807689	0.385113	-2.59664	0.174785	0.666337	-1.50074	0.489416	0.820775	-1.21836	0.138082	0.638187	-1.56694	0.0136181	0.423801	-2.3596
cg16922557	HIPK1;HIPK1	0.0001086	0.2402	1.08523	1.08523	0.0314902	0.845546	-1.18267	0.00520484	1.27792	1.27792	1.86E-05	1.78569	1.78569	0.58652	1.0372	1.0372
cg16145701	HIPK1;HIPK1	0.000473446	0.301226	1.1083	1.1083	3.37E-05	0.462242	-2.16337	0.0436608	1.24939	1.24939	0.0113957	0.737821	-1.35534	0.000424276	0.585125	-1.70904
cg12406132	HIPK1;HIPK1	0.00218772	0.0695362	0.743184	-1.34556	0.153012	1.25076	1.25076	0.000279668	2.38428	2.38428	0.016227	0.650596	-1.53705	0.191046	0.816754	-1.22436

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13549897	0.0216414	0.633195	-1.57929	9.45E-05	0.315749	-3.16707	0.188995	0.794049	-1.25937	0.0607853	0.704491	-1.41947	7.61761	3.31319	0.386612	1
cg20686279	0.398983	1.09824	1.09824	0.00202143	0.623403	-1.6041	0.00396243	0.656723	-1.52271	0.924871	1.01029	1.01029	7.45785	1.39105	0.165797	1
cg24353489	0.0826529	0.775891	-1.28884	0.00682344	0.629605	-1.5883	0.522283	0.917952	-1.08938	0.534417	1.08661	1.08661	3.43829	0.949035	0.245351	1
cg13244522	0.0206293	0.278539	-3.59016	0.000565559	0.0863294	-11.5835	0.283448	0.599925	-1.66687	0.0380521	0.332026	-3.01182	8.34347	27.779	2.9595	1
cg20791226	0.0112219	0.385731	-2.59248	0.502264	0.815325	-1.22651	0.164403	1.56019	1.56019	0.104153	0.587019	-1.70352	6.64568	9.46237	1.26563	1
cg03990478	0.256057	0.677722	-1.47553	0.484174	1.26274	1.26274	0.176287	0.623921	-1.60277	0.253262	0.676032	-1.47922	5.08413	7.70613	1.51572	1
cg24713396	0.000385214	0.236938	-4.22051	0.000336959	0.230103	-4.34587	0.00675272	2.4416	2.4416	0.00143126	0.309691	-3.22902	13.8988	14.2242	0.909704	1
cg19735074	0.123673	1.67053	1.67053	0.474326	0.799384	-1.25096	0.46571	1.25666	1.25666	0.519844	0.818102	-1.22234	7.40588	11.1078	1.33321	1
cg09171111	0.86477	0.945791	-1.05732	0.000918836	0.198038	-5.04953	0.0104374	2.86975	2.86975	0.121892	0.577969	-1.7302	6.51831	11.0367	1.50505	1
cg11347139	0.203968	0.600656	-1.66485	0.00123905	0.166152	-6.0186	0.00539486	0.248418	-4.02547	0.0722974	0.466457	-2.14382	4.86668	11.142	2.03506	1
cg25758134	0.313398	0.833633	-1.19957	0.000441637	0.379725	-2.63348	0.503548	1.12577	1.12577	0.248659	0.810225	-1.23422	4.814	2.32199	0.428748	1
cg02161046	0.288621	0.862367	-1.1596	0.0267445	0.702721	-1.42304	0.191028	1.20454	1.20454	0.214249	0.838817	-1.19216	3.67621	1.05199	0.254367	1
cg22232859	0.687543	0.941548	-1.06208	0.116497	1.28927	1.28927	0.496037	0.902158	-1.10845	0.611804	0.926593	-1.07922	4.20539	1.47805	0.312414	1
cg03068646	0.772597	1.03439	1.03439	0.0754111	0.793768	-1.25981	0.108463	1.22668	1.22668	0.157871	1.19266	1.19266	3.70365	0.798622	0.191672	1
cg13972661	0.521518	0.816725	-1.2244	0.000602696	5.19923	5.19923	0.00114286	4.43848	4.43848	0.0144612	2.55755	2.55755	9.50501	14.6165	1.36691	1
cg17606287	0.0375281	0.815981	-1.22552	0.409446	0.931379	-1.07368	0.0714124	1.18491	1.18491	0.000553432	1.57101	1.57101	6.07734	0.683489	0.0999691	1
cg13409409	0.0687429	0.459921	-2.17429	0.00342387	0.219548	-4.55482	0.495808	1.3017	1.3017	0.154871	0.559636	-1.78688	3.79853	8.74513	2.04644	1
cg07401773	0.692361	1.04702	1.04702	0.227671	1.15756	1.15756	0.182541	1.17756	1.17756	0.0391417	1.3176	1.3176	3.75755	0.794451	0.187936	1
cg22049091	0.260969	1.31809	1.31809	0.00268809	2.65709	2.65709	0.00506715	2.39396	2.39396	0.00660468	2.29506	2.29506	11.4352	10.0512	0.781305	1
cg11184340	0.000502192	0.619763	-1.61352	0.867061	1.01484	1.01484	0.446805	1.07056	1.07056	0.00809058	1.34743	1.34743	8.47928	1.03829	0.108844	1
cg23208678	0.497481	0.918334	-1.08893	0.609994	0.938354	-1.0657	0.159588	0.830367	-1.20429	0.522023	0.922877	-1.08357	8.25977	2.00118	0.21536	1
cg21874514	0.00307569	1.38734	1.38734	0.652438	0.964036	-1.03731	0.0799019	0.854708	-1.16999	0.0213016	0.799643	-1.25056	7.61985	0.787683	0.0918867	1
cg01823853	0.637107	0.809985	-1.23459	0.0244566	0.304572	-3.28329	0.970593	1.01648	1.01648	0.0148494	0.264745	-3.77723	6.29644	19.6135	2.7689	1
cg01065605	0.239413	0.720722	-1.3875	0.147889	0.661867	-1.51088	0.692014	0.899567	-1.11165	0.767765	0.924298	-1.0819	4.27969	4.78996	0.994873	1
cg25420839	0.476271	0.606058	-1.65001	0.0552778	0.222637	-4.49162	0.0849956	0.267992	-3.73146	0.163735	0.357894	-2.79412	3.91482	29.6381	6.72955	1
cg22538323	0.29231	0.918366	-1.08889	0.505411	1.05408	1.05408	0.629548	0.962825	-1.03861	0.522101	1.05187	1.05187	3.56403	0.342923	0.0855268	1
cg07158040	0.0231607	0.345335	-2.89574	0.0219341	0.340734	-2.93484	0.263641	1.57832	1.57832	0.0243088	0.34947	-2.86147	8.53617	20.7359	2.15927	1
cg13657944	0.324067	1.22336	1.22336	0.000882742	0.372853	-2.68202	0.0113464	1.8729	1.8729	0.943954	0.986179	-1.01401	7.93053	4.92147	0.55162	1
cg16804948	0.0209409	1.62734	1.62734	0.0208911	1.62777	1.62777	0.596432	0.910587	-1.09819	0.188129	1.2769	1.2769	5.00928	2.43705	0.43245	1
cg25269222	0.213716	1.4831	1.4831	0.624712	1.16	1.16	0.178584	1.53759	1.53759	0.335203	0.741433	-1.34874	3.73357	5.3587	1.2758	1
cg17182507	0.104465	1.2302	1.2302	0.00277263	0.617762	-1.61875	0.0135015	1.42895	1.42895	0.0298501	0.742032	-1.34765	15.8549	3.42181	0.19184	1
cg03244036	0.00445019	0.631131	-1.58446	6.89E-05	0.413814	-2.41654	0.00485257	0.635694	-1.57308	0.0024005	0.598691	-1.67031	12.5074	2.91428	0.207115	1
cg17416280	0.730337	1.12939	1.12939	0.932217	0.970528	-1.03037	0.550615	1.23658	1.23658	0.189867	0.613678	-1.62952	10.4669	20.5	1.74093	1
cg25449542	0.000955187	0.283997	-3.52117	0.0183689	2.0787	2.0787	0.16964	1.45374	1.45374	0.0354033	1.87099	1.87099	7.72872	8.00609	0.920789	1
cg22934970	0.00028649	0.0679174	-14.7238	0.961286	0.978195	-1.02229	0.916792	1.04861	1.04861	0.0660751	0.392016	-2.55092	6.42542	20.9928	2.90413	1
cg04962428	0.00966918	0.281797	-3.54866	0.000685748	0.13453	-7.43326	0.0475036	0.416066	-2.40346	0.267913	0.639911	-1.56272	5.98393	14.1821	2.10669	1
cg04414274	0.155769	0.742543	-1.34672	0.000265366	0.309157	-3.2346	0.0627304	0.663344	-1.50751	0.281982	0.803205	-1.24501	5.58754	3.39976	0.540848	1
cg01070985	0.856065	1.05201	1.05201	0.000752176	0.239988	-4.16688	0.787851	1.07822	1.07822	0.147755	0.648146	-1.54286	5.37897	6.642	1.09761	1
cg02151609	0.330321	0.664217	-1.50553	?	?	?	0.578819	0.795812	-1.25658	0.866992	0.934005	-1.07066	4.70896	10.9977	2.33549	1
cg13915354	0.735381	1.0412	1.0412	0.0203461	1.3949	1.3949	0.818234	1.02778	1.02778	0.0157657	0.703215	-1.42204	4.5548	1.02179	0.199406	1
cg25893992	0.513591	0.828476	-1.20704	0.00120904	0.260232	-3.84273	0.00545872	0.354123	-2.82388	0.0757789	0.570434	-1.75305	4.25279	5.43385	1.13575	1
cg21973370	0.329552	0.769477	-1.29958	0.00492758	0.379096	-2.63785	0.00498082	0.379822	-2.63281	0.10138	0.626807	-1.59539	4.18887	4.49932	0.954768	1
cg19962565	0.763909	0.887482	-1.12678	0.0498556	2.42642	2.42642	0.365018	1.44606	1.44606	0.229084	1.64899	1.64899	3.99165	9.9276	2.21075	1
cg11144056	0.879291	1.04563	1.04563	0.00106907	0.241884	-4.13422	0.904393	1.03591	1.03591	0.453638	1.25121	1.25121	3.45451	4.19185	1.21344	1
cg21854952	0.0109275	3.62498	3.62498	0.000235749	11.6719	11.6719	0.00295115	5.18384	5.18384	0.0204778	3.08268	3.08268	7.97664	20.5337	2.28821	1
cg00911794	0.0573998	3.33134	3.33134	0.000635314	18.877	18.877	0.00645343	7.265	7.265	0.0459438	3.59944	3.59944	7.21676	35.8282	4.41296	1
cg00138101	0.00616253	3.79455	3.79455	0.000508982	7.58835	7.58835	0.00282871	4.63983	4.63983	0.0238712	2.73522	2.73522	7.10756	15.6816	1.96118	1
cg20682981	0.34623	1.355	1.355	0.00791624	2.90569	2.90569	0.00410362	3.33986	3.33986	0.00687326	2.99246	2.99246	6.91758	10.7466	1.3809	1
cg23621097	0.0487514	3.06718	3.06718	0.000286612	19.0749	19.0749	0.00367812	7.06542	7.06542	0.02051	4.0148	4.0148	6.40113	25.137	3.49063	1
cg02756676	0.306388	0.805147	-1.24201	0.0089905	1.97361	1.97361	0.946215	1.0139	1.0139	0.0138431	0.536595	-1.8636	5.62768	3.73338	0.589686	1
cg01070078	0.0447211	3.89287	3.89287	0.0465714	0.260723	-3.83549	0.989104	1.00809	1.00809	0.268859	1.97234	1.97234	5.2751	29.0645	4.89756	1
cg13389502	0.0215961	4.80809	4.80809	0.0019988	11.9794	11.9794	0.016563	5.29072	5.29072	0.0723742	3.13064	3.13064	4.59264	23.564	4.56074	1
cg00927777	0.0260305	2.63612	2.63612	0.00179547	5.10336	5.10336	0.0173688	2.89489	2.89489	0.445909	1.32991	1.32991	3.90098	8.31901	1.8956	1
cg24173182	0.0235668	3.93525	3.93525	0.00271369	8.15206	8.15206	0.0300349	3.64378	3.64378	0.353416	1.62217	1.62217	3.76252	15.2968	3.61385	1
cg16011800	0.0294827	1.44809	1.44809	0.040742	1.40657	1.40657	0.122905	1.27302	1.27302	0.0542681	1.37087	1.37087	5.58841	1.84603	0.293629	1
cg03988107	0.00969104	0.435283	-2.29736	0.000817427	0.277437	-3.60442	0.40221	0.804213	-1.24345	0.0375385	0.541559	-1.84652	6.55912	6.71008	0.909347	1
cg13558199	0.265112	1.20105	1.20105	0.000529057	2.34301	2.34301	0.735728	1.05489	1.05489	0.926008	1.01476	1.01476	6.49653	2.56013	0.350291	1
cg23575668	0.285118	1.35642	1.35642	0.00368533	2.93811	2.93811	0.954655	1.01574	1.01574	0.932183	0.976901	-1.02365	3.99863	4.77456	1.06137	1
cg04115381	0.427234	1.14259	1.14259	0.00261876	1.98419	1.98419	0.348832	0.853337	-1.17187	0.790049	1.04486	1.04486	3.41676	1.46329	0.380683	1
cg23174662	0.180516	0.560881	-1.78291	0.00102168	0.138049	-7.24378	0.90176	1.0515	1.0515	0.00127305	0.147896	-6.7615	9.9299	26.0052	2.3279	1
cg26661257	0.264194	1.15095	1.15095	0.402759	0.901733	-1.10898	8.10E-05	2.36069	2.36069	0.0913316	1.25185	1.25185	7.12632	1.64696	0.205431	1
cg07052387	0.870728	1.01813	1.01813	0.000778296	0.570746	-1.75209	0.640128	0.949384	-1.05331	0.0658607	1.25566	1.25566	5.90955	1.1389	0.171309	1
cg20931965	0.238245	0.596412	-1.67669	0.0369627	0.36291	-2.7555	0.450393	0.724878	-1.37954	0.00250388	0.1726	-5.79376	4.05984	11.2544	2.46411	1
cg26303175	0.0290331	1.50812	1.50812	2.16E-05	0.255684	-3.91107	0.20386	0.807252	-1.23877	0.00012976	0.345932	-2.89074	21.4553	8.6628	0.358899	1
cg08314679	0.0789908	1.30979	1.30979	0.142886	0.804222	-1.24344	0.0704346	1.32283	1.32283	0.304716	1.15843	1.15843	4.21794	1.2789	0.269515	1
cg18133905	0.0289891	0.443036	-2.25715	0.00505592	0.309633	-3.22963	0.101456	0.567159	-1.76317	0.301751	0.712939	-1.40264	3.69749	5.85703	1.40805	1
cg19045239	0.153607	0.502358	-1.99061	0.00249056	0.150486	-6.64514	0.00740431	0.211259	-4.73352	0.213428	0.55412	-1.80466	10.4501	33.6055	2.8585	1
cg14117138	0.000885723	0.115784	-8.63677	?	?	?	0.0323881	0.338166	-2.95713	0.0838643	0.436935	-2.28867	10.9478	25.2633	2.63728	1
cg19310908	0.00760321	2.57727	2.57727	0.894063	0.96392	-1.03743	0.486105	1.21555	1.21555	0.617873	1.1488	1.1488	4.06254	4.35069	1.07093	1
cg02879662	0.0418209	0.576654	-1.73414	0.0761745	0.629382	-1.58886	0.725132	0.920499	-1.08637	0.489113	0.847982	-1.17927	3.76817	3.28631	0.77522	1
cg25460031	0.0254374	0.497322	-2.01077	0.0017178	0.308265	-3.24396	0.00090985	0.271306	-3.68588	0.0868506	0.60815	-1.64433	21.4301	23.4756	0.97373	1
cg20969614	0.229003	0.754577	-1.32525	0.0163931	1.92394	1.92394	0.291351	0.783301	-1.27665	0.074365	0.641793	-1.55813	6.04986	4.76774	0.700511	1
cg23548163	0.108139	2.90345	2.90345	0.447296	1.60158	1.60158	0.00266665	12.5028	12.5028	0.0317224	4.62348	4.62348	5.34447	31.2994	5.20569	1
cg14153927	0.103696	0.438149	-2.28233	0.0032811	0.155973	-6.41138	0.0089715	0.214135	-4.66995	0.0520845	0.358889	-2.78637	4.93815	16.8197	3.02762	1
cg11253785	0.557882	1.12976	1.12976	0.946568	1.01389	1.01389	0.86019	0.964356	-1.03696	0.550795	0.883151	-1.13231	4.76203	3.19655	0.596674	1
cg26749414	0.145065	3.49309	3.49309	0.00334683	24.3187	24.3187	0.0157818	10.6339	10.6339	0.0395878	6.70148	6.70148	4.26542	43.1561	8.99348	1
cg25196389	0.0362617	2.43492	2.43492	0.002044	4.89733	4.89733	0.0171054	2.89321	2.89321	0.0418834	2.35647	2.35647	4.12083	8.71965	1.88089	1
cg01552731	0.0101026	3.10775	3.10775	0.00434138	3.78731	3.78731	0.00129185	5.14586	5.14586	0.0069042	3.3929	3.3929	7.24272	14.0017	1.71841	1
cg01996116	0.529017	1.36212	1.36212	0.0510233	2.93575	2.93575	0.102018	2.38038	2.38038	0.00788205	5.21616	5.21616	9.60955	35.7373	3.30572	1
cg02718966	0.0757169	1.66922	1.66922	0.904224	1.03169	1.03169	0.372639	1.26772	1.26772	0.298499	1.3222	1.3222	8.57962	9.12738	0.94564	1
cg04954090	0.0156957	1.64745	1.64745	0.669569	1.07505	1.07505	0.111575	0.746644	-1.33933	0.176929	0.785082	-1.27375	5.66704	2.55095	0.400123	1
cg01293485	0.174477	2.2419	2.2419	0.0694293	3.11157	3.11157	0.167556	2.27547	2.27547	0.0861985	2.8851	2.8851	3.97213	19.6517	4.39769	1
cg14508777	0.586879	1.22804	1.22804	0.798022	0.908449	-1.10078	0.0356683	2.49784	2.49784	0.307676	1.48493	1.48493	3.45456	7.67013	1.97359	1
cg20235651	0.61043	1.1581	1.1581	0.393225	0.778912	-1.28384	0.0763808	1.75629	1.75629	0.0390968	1.97816	1.97816	7.6768	9.92298	1.14897	1
cg07544984	0.490825	0.854045	-1.1709	0.38273	1.2236	1.2236	0.22493	1.33289	1.33289	0.0419825	1.69611	1.69611	3.66853	2.95288	0.715485	1
cg10905877	0.00188323	0.247084	-4.04721	0.0721321	0.528986	-1.89041	0.680767	0.877001	-1.14025	0.0113247	0.365642	-2.73492	7.7413	12.3408	1.41702	1
cg24417621	0.00109334	0.25489	-3.92325	1.38E-05	0.0760948	-13.1415	0.000945292	0.246829	-4.05139	0.00364859	0.327635	-3.05218	18.8184	24.0005	1.13367	1
cg20127596	0.00087833	0.334684	-2.98789	0.000184318	0.249924	-4.00122	0.54856	0.87528	-1.14249	0.000155786	0.241493	-4.14091	13.7863	10.5143	0.677922	1
cg02164386	8.08E-05	0.146553	-6.82347	0.0407372	0.528498	-1.89216	0.00034968	0.211902	-4.71916	0.00195106	0.306497	-3.26267	12.7832	14.7544	1.02595	1
cg21009972	0.0970346	0.342902	-2.91629	0.00403624	0.103366	-9.67434	0.0187488	0.187537	-5.33227	0.0367475	0.240299	-4.16149	3.52048	19.2549	4.86168	1
cg22846807	0.045185	0.491618	-2.0341	0.00931709	0.360881	-2.771	0.0148235	0.396015	-2.52516	0.035925	0.470438	-2.12568	4.06186	6.1422	1.34415	1
cg12160527	0.0958262	0.602428	-1.65995	0.00036422	0.205422	-4.86803	0.717205	1.10603	1.10603	0.0353852	0.507255	-1.97139	10.5775	12.8586	1.08059	1
cg03752800	0.107771	0.695485	-1.43785	0.0268816	1.72016	1.72016	0.0838978	1.48554	1.48554	0.0278676	0.58406	-1.71215	5.6695	3.84446	0.602751	1
cg19008266	0.642726	0.879829	-1.13658	0.0131759	2.32167	2.32167	0.245498	1.39501	1.39501	0.0897098	0.598889	-1.66976	4.13116	4.91414	1.05736	1
cg07797221	0.0581246	1.2262	1.2262	0.000472272	0.592755	-1.68704	0.519254	0.939683	-1.06419	0.698087	1.03781	1.03781	7.85011	1.12727	0.127644	1
cg27164762	0.687221	0.904375	-1.10574	0.504207	1.1833	1.1833	0.105296	0.644376	-1.55189	0.309537	0.770171	-1.29841	3.42619	3.3462	0.868138	1
cg05013483	0.000111011	0.16552	-6.04157	0.139732	0.65678	-1.52258	5.24E-05	0.135328	-7.38947	0.0294024	1.97127	1.97127	15.7259	17.4319	0.985318	1
cg11354991	0.0036518	0.669699	-1.49321	0.765641	1.03095	1.03095	0.0240966	1.31563	1.31563	0.265611	1.12558	1.12558	7.0896	1.16765	0.146399	1
cg21965820	0.00289815	0.214737	-4.65686	0.21833	0.614789	-1.62657	0.00395481	0.233104	-4.28994	0.828873	1.08473	1.08473	6.42294	12.7638	1.98722	1
cg27224791	0.444004	0.854838	-1.16981	0.00710661	0.497123	-2.01157	0.750106	0.937796	-1.06633	0.0247904	0.584464	-1.71097	7.344	4.69838	0.568673	1
cg06329587	0.311704	1.1364	1.1364	0.000350975	0.495677	-2.01744	0.0980649	1.2482	1.2482	0.000213593	0.469769	-2.12871	31.1219	7.35725	0.210134	1
cg02795624	0.0231531	1.44851	1.44851	0.00403161	0.590278	-1.69412	0.803562	0.966559	-1.0346	0.960227	0.993217	-1.00683	4.90001	1.44541	0.262206	1
cg22954171	0.0792492	0.435811	-2.29457	0.0598469	0.404483	-2.47229	0.0547716	2.53101	2.53101	0.153272	0.521072	-1.91912	4.30793	12.3976	2.55809	1
cg08419918	0.120374	0.46331	-2.15838	0.00927832	0.221453	-4.51563	0.0198951	0.277053	-3.60942	0.144825	0.489127	-2.04446	3.45846	11.4229	2.93591	1
cg07472398	0.640207	1.06468	1.06468	0.00100729	0.522157	-1.91513	0.00381068	1.68117	1.68117	0.180965	1.20817	1.20817	10.2964	2.89057	0.249543	1
cg12810560	0.844952	0.912202	-1.09625	0.0025021	0.139312	-7.17813	0.153712	0.48829	-2.04796	0.000531786	0.079553	-12.5702	5.45668	19.0366	3.10106	1
cg13565152	8.17E-08	0.0188559	-53.0338	0.221459	1.33336	1.33336	0.152612	1.40912	1.40912	0.274554	1.28982	1.28982	43.3138	34.3782	0.705511	1
cg01328164	0.0460305	1.37618	1.37618	0.00269254	0.560371	-1.78453	0.142692	1.24613	1.24613	0.280933	1.16943	1.16943	4.85301	1.4991	0.274578	1
cg24789940	0.814674	0.950312	-1.05229	0.00103843	0.348475	-2.86965	0.00309853	0.415438	-2.4071	0.0204416	0.545341	-1.83372	6.58654	4.91445	0.663231	1
cg26071414	0.637315	1.13491	1.13491	0.305822	1.32653	1.32653	0.898405	0.966532	-1.03463	0.176952	0.682173	-1.4659	4.13713	4.65355	0.999844	1
cg05828906	0.452559	1.08665	1.08665	0.830578	0.977002	-1.02354	0.173428	0.854465	-1.17032	0.670596	1.04755	1.04755	3.6533	0.682233	0.165995	1
cg05554353	0.0957869	0.692695	-1.44364	0.0180431	0.561859	-1.77981	0.0133175	1.85046	1.85046	0.693343	1.08279	1.08279	3.62894	2.31495	0.567034	1
cg27415006	0.257938	0.853747	-1.17131	3.00E-05	0.334978	-2.98527	0.311318	1.15062	1.15062	0.00355737	1.69735	1.69735	12.3238	3.50178	0.252575	1
cg18724912	0.462891	0.853486	-1.17167	0.00833889	2.04376	2.04376	0.216384	0.758961	-1.31759	0.0238023	1.77172	1.77172	10.1446	7.22202	0.632808	1
cg01621268	0.00279913	3.23248	3.23248	0.0711868	1.7754	1.7754	9.51E-05	7.24045	7.24045	0.14405	1.56363	1.56363	9.889	12.7054	1.14205	1
cg14177084	0.857441	0.967382	-1.03372	0.0198505	0.59534	-1.67971	0.702681	0.931714	-1.07329	0.0919743	1.40792	1.40792	7.9574	4.28654	0.478832	1
cg04200641	0.369346	1.10493	1.10493	0.170163	0.853755	-1.1713	0.877413	1.01685	1.01685	0.241886	1.14176	1.14176	7.00324	1.29915	0.164896	1
cg19507725	0.0156542	2.30953	2.30953	0.00584153	2.77198	2.77198	0.00306612	3.14376	3.14376	0.24323	1.41194	1.41194	4.71417	5.95868	1.12355	1
cg26596975	0.723191	0.881803	-1.13404	0.0155723	2.85523	2.85523	0.0566919	2.14456	2.14456	0.156058	1.71041	1.71041	4.35968	8.63775	1.76114	1
cg00029161	0.0162391	0.719337	-1.39017	0.0596257	0.788029	-1.26899	0.287504	0.883592	-1.13174	0.581203	0.939471	-1.06443	4.25657	0.84666	0.176806	1
cg02229461	0.027651	0.232636	-4.29857	0.00354947	0.109362	-9.14399	0.370595	0.597537	-1.67354	0.0865435	0.346332	-2.8874	4.01338	19.9384	4.41599	1
cg02713883	0.699209	1.14837	1.14837	0.0195092	2.73436	2.73436	0.0455556	2.26365	2.26365	0.0252733	2.58007	2.58007	3.84378	7.7289	1.78734	1
cg05857060	0.947893	0.977636	-1.02288	0.0411445	0.442478	-2.26	0.0234443	0.391853	-2.55198	0.172073	1.65373	1.65373	3.73255	7.07962	1.68598	1
cg24650353	0.750483	0.953299	-1.04899	0.0412374	0.702583	-1.42332	0.213929	1.21673	1.21673	0.142592	1.2665	1.2665	3.52238	1.25367	0.316369	1
cg24847996	0.0570991	1.92731	1.92731	0.000437043	5.44083	5.44083	0.000527654	5.18577	5.18577	0.000445308	5.4147	5.4147	13.6769	20.1246	1.30794	1
cg00805577	0.00919725	3.73078	3.73078	0.000160603	13.022	13.022	0.0027565	5.17787	5.17787	0.00337078	4.89224	4.89224	10.337	25.9512	2.23156	1
cg10551058	0.0578341	1.54621	1.54621	0.00200365	2.42584	2.42584	0.137557	1.38399	1.38399	0.250705	1.2762	1.2762	6.67474	4.36514	0.581315	1
cg27405626	0.163182	1.53268	1.53268	0.00107121	4.00096	4.00096	0.00490061	2.91442	2.91442	0.00393676	3.04337	3.04337	6.10811	7.9629	1.15881	1
cg19340625	0.0110118	0.37164	-2.69077	0.48052	1.24927	1.24927	?	?	?	0.158664	0.626498	-1.59617	5.91441	8.01969	1.35596	1
cg22501476	0.00823654	3.01348	3.01348	0.00174954	4.28907	4.28907	0.0212948	2.46797	2.46797	0.00777809	3.05098	3.05098	5.76771	9.73194	1.49983	1
cg02025034	0.123229	2.13711	2.13711	0.00516024	5.36411	5.36411	0.0154989	3.85945	3.85945	0.0934133	2.31471	2.31471	5.32328	17.4409	2.9123	1
cg02358858	0.119987	1.40228	1.40228	0.416884	0.846788	-1.18093	0.00917868	1.94083	1.94083	0.091878	1.45058	1.45058	4.58263	2.916	0.565614	1
cg25930673	0.446164	1.22068	1.22068	0.00243864	0.338518	-2.95405	0.395265	0.799655	-1.25054	0.667752	1.11727	1.11727	3.78432	3.9522	0.928324	1
cg12226111	0.017525	0.443449	-2.25505	0.67658	0.888701	-1.12524	0.163975	1.51854	1.51854	0.2721	1.37925	1.37925	4.13104	5.17615	1.11377	1
cg16922557	0.000194908	0.659125	-1.51716	0.0855351	0.881255	-1.13474	0.000817457	1.39868	1.39868	0.0468618	1.16338	1.16338	21.657	1.51725	0.0622739	1
cg16145701	0.0378261	0.793572	-1.26012	0.31553	0.905172	-1.10476	0.885039	0.986207	-1.01399	0.0806406	1.20443	1.20443	14.5083	2.11775	0.129749	1
cg12406132	0.201724	0.821102	-1.21788	0.0040355	0.568543	-1.75888	0.0949758	0.764697	-1.30771	0.179022	0.811624	-1.2321	9.39266	3.18016	0.30096	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08864035	HIPK1;HIPK1	0.0114215	0.0178998	0.625207	-1.59947	0.00196014	2.04299	2.04299	0.0224315	1.56267	1.56267	0.623347	0.922386	-1.08414	0.147079	1.28912	1.28912	0.0855429	0.733301	-1.3637	0.546069	1.10485	1.10485	0.930746	1.01429	1.01429	0.0901001	1.35647	1.35647	5.66338	2.38943	0.37503	1
cg18973817	HIPK1;HIPK1	0.0163377	0.0171804	0.618423	-1.61702	0.0354606	0.666805	-1.49969	0.124221	1.3172	1.3172	0.844395	0.967999	-1.03306	0.00434602	1.87896	1.87896	0.056676	1.42909	1.42909	0.232947	0.813014	-1.22999	0.537708	1.1088	1.1088	0.709772	1.06383	1.06383	5.03586	2.18478	0.38564	1
cg05946692	HIPK1;HIPK1	0.022822	0.206719	1.39097	1.39097	0.0496349	1.74193	1.74193	0.77841	0.93248	-1.07241	0.0193938	0.496334	-2.01477	0.00480436	0.395632	-2.5276	0.033169	0.539518	-1.85351	0.907087	1.02936	1.02936	0.963392	1.01144	1.01144	0.494578	1.18754	1.18754	4.49688	4.37354	0.86451	1
cg03352347	HIPK1;HIPK1	0.0351652	0.339892	0.854091	-1.17083	0.255931	1.20944	1.20944	0.0730094	1.37799	1.37799	0.998368	1.00033	1.00033	0.00781231	0.57839	-1.72894	0.87664	0.9754	-1.02522	0.081082	1.36359	1.36359	0.464758	1.12671	1.12671	0.0194711	1.57281	1.57281	3.86055	1.572	0.361952	1
cg00964039	HIPK1;HIPK1	0.0444021	0.0212813	0.532009	-1.87967	0.568557	0.876881	-1.14041	0.136901	0.693991	-1.44094	0.66869	1.10313	1.10313	0.292758	1.28254	1.28254	0.155658	0.707267	-1.41389	0.306484	0.785547	-1.273	0.819151	0.949128	-1.0536	0.00730098	2.20056	2.20056	3.54321	2.91674	0.731726	1
cg22853954	HIPK1;HIPK1;HIPK1	0.00849093	0.558894	0.842433	-1.18704	0.0668619	0.55103	-1.81478	0.0842129	0.574548	-1.7405	0.00447703	0.33303	-3.00274	0.000261458	0.175311	-5.70416	0.15912	0.646272	-1.54733	0.706451	1.11601	1.11601	0.839895	1.06044	1.06044	0.293567	0.72902	-1.37171	6.22612	8.29786	1.18467	1
cg12657739	HIPK1;HIPK1;HIPK1	0.0346616	0.0135579	0.246681	-4.05382	0.463157	1.40796	1.40796	0.603371	0.786512	-1.27144	0.223127	1.79763	1.79763	0.00260077	0.147883	-6.76211	0.729334	0.852877	-1.1725	0.345736	0.640892	-1.56033	0.272685	1.68718	1.68718	0.690859	0.832652	-1.20098	3.88075	12.9011	2.95501	1
cg00023702	HIPK1;HIPK1;HIPK1;HIPK1	0.00276638	0.0617743	0.637475	-1.56869	0.00982202	0.497304	-2.01084	0.00542091	0.456922	-2.18856	0.32079	0.80288	-1.24552	0.000815006	0.33952	-2.94534	0.0673115	0.644806	-1.55086	0.00358011	2.32663	2.32663	0.592718	1.1225	1.1225	0.0980247	0.678115	-1.47468	8.76624	6.35964	0.644862	1
cg21210650	HIPK1;HIPK1;HIPK1;HIPK1	0.00629582	0.0573823	0.622774	-1.60572	0.00902104	0.481253	-2.07791	0.0133967	0.509281	-1.96355	0.870168	1.0367	1.0367	0.00271371	0.401557	-2.4903	0.000653857	0.316341	-3.16115	0.233309	0.75933	-1.31695	0.257835	0.770944	-1.29711	0.0124562	0.504047	-1.98394	6.83667	5.25558	0.683318	1
cg27523547	HIPK1;HIPK1;HIPK1;HIPK1	0.00952118	0.667458	1.10698	1.10698	0.00157468	0.3439	-2.90783	0.00936064	0.460759	-2.17033	0.376731	1.23774	1.23774	0.117611	1.49127	1.49127	0.299736	1.2875	1.2875	0.0290726	1.83102	1.83102	0.115459	0.66872	-1.4954	0.872473	1.0385	1.0385	6.00393	5.25755	0.778387	1
cg12610119	HIPK1;HIPK1;HIPK1;HIPK1	0.0246993	0.434889	0.919194	-1.08791	0.00931651	1.41742	1.41742	0.102802	1.20776	1.20776	0.395215	1.09646	1.09646	0.673275	0.956139	-1.04587	0.477254	1.07942	1.07942	0.0224387	0.748845	-1.33539	0.267579	1.12991	1.12991	0.00861461	1.42516	1.42516	4.3756	0.775087	0.157457	1
cg24552463	HIPK1;HIPK1;HIPK1;HIPK1	0.0418648	0.0510878	0.528531	-1.89204	0.254447	1.4071	1.4071	0.0755248	1.76446	1.76446	0.299454	0.734445	-1.36157	0.285116	0.727127	-1.37528	0.0543052	0.534315	-1.87155	0.00703668	0.36789	-2.7182	0.603185	1.16244	1.16244	0.98043	0.992985	-1.00706	3.62165	4.72498	1.15969	1
cg11032313	HIPK2;HIPK2	0.000596657	0.222392	0.874021	-1.14414	0.000197627	1.92858	1.92858	0.00010228	2.05919	2.05919	0.00565976	0.683035	-1.46405	0.999063	0.999877	-1.00012	0.170919	1.16544	1.16544	0.934737	0.991437	-1.00864	0.0855896	0.819114	-1.22083	0.62479	1.05312	1.05312	13.6051	2.37585	0.155226	1
cg03335600	HIPK2;HIPK2	0.00109045	2.86E-05	0.354685	-2.8194	0.82174	1.02886	1.02886	0.188873	0.839051	-1.19182	0.990211	0.998455	-1.00155	0.0518728	0.756628	-1.32165	0.701799	1.04969	1.04969	0.00346825	1.64902	1.64902	0.462829	0.910088	-1.0988	0.366737	0.889679	-1.124	11.4807	2.88968	0.223732	1
cg17198017	HIPK2;HIPK2	0.00162124	0.129106	0.691327	-1.44649	0.00854185	0.469863	-2.12828	0.060502	0.620991	-1.61033	0.115851	0.680647	-1.46919	2.54E-05	0.152415	-6.56105	0.00579016	0.443212	-2.25625	0.0184871	0.525648	-1.90241	0.391705	0.820755	-1.21839	0.324243	0.795204	-1.25754	10.2473	8.22301	0.713291	1
cg00405825	HIPK2;HIPK2	0.00190608	0.0329832	2.01661	2.01661	0.935334	1.02309	1.02309	0.934706	0.977216	-1.02331	0.00133741	3.71169	3.71169	0.852832	1.05362	1.05362	0.0352666	1.99311	1.99311	0.00142936	3.65951	3.65951	0.000120437	6.62055	6.62055	0.447196	1.24348	1.24348	9.77783	12.2523	1.11384	1
cg01653419	HIPK2;HIPK2	0.00224624	0.287693	1.14506	1.14506	0.000786234	1.86422	1.86422	0.00723731	1.52994	1.52994	0.126191	1.22511	1.22511	0.0109773	0.675964	-1.47937	0.00429342	0.625848	-1.59783	0.0224938	1.39849	1.39849	0.649418	1.05776	1.05776	0.799355	1.03175	1.03175	9.32037	2.22267	0.211978	1
cg02815320	HIPK2;HIPK2	0.00263777	0.143982	0.762873	-1.31083	0.0636484	1.43264	1.43264	0.791295	1.04679	1.04679	0.452924	0.876484	-1.14092	9.69E-05	0.302654	-3.3041	0.924954	1.01638	1.01638	0.0049295	0.526155	-1.90058	0.142222	1.31263	1.31263	0.231797	0.805543	-1.2414	8.89039	4.18607	0.418537	1
cg04962027	HIPK2;HIPK2	0.00337317	0.0287217	0.759944	-1.31589	0.000767782	0.581536	-1.71958	0.451411	1.08506	1.08506	0.00100598	1.68102	1.68102	0.880123	0.984071	-1.01619	0.618951	0.948052	-1.05479	0.896418	0.986237	-1.01396	0.313017	1.11743	1.11743	0.0432714	0.78086	-1.28064	8.2645	1.48181	0.159376	1
cg25397849	HIPK2;HIPK2	0.00392767	0.00051335	0.304458	-3.28452	0.629743	1.11241	1.11241	0.635401	0.900553	-1.11043	0.498304	1.16272	1.16272	0.268718	1.2874	1.2874	0.00668904	0.46232	-2.16301	0.00109517	0.347811	-2.87512	0.988419	1.00319	1.00319	0.681811	1.09462	1.09462	7.89578	6.0143	0.677076	1
cg00357176	HIPK2;HIPK2	0.00621989	0.910686	1.02938	1.02938	0.0632066	0.583225	-1.7146	0.00157507	0.309944	-3.22639	0.771525	1.07803	1.07803	0.0048486	2.62213	2.62213	0.0521467	1.76832	1.76832	0.0163587	2.13261	2.13261	0.606416	1.14351	1.14351	0.980129	1.00645	1.00645	6.8624	7.23744	0.937468	1
cg01545140	HIPK2;HIPK2	0.00966161	0.322157	0.781103	-1.28024	0.241101	0.743472	-1.34504	0.0216442	0.513713	-1.94661	0.472994	1.19281	1.19281	0.076516	0.621298	-1.60953	0.0260666	0.528415	-1.89245	0.543631	1.16008	1.16008	0.00100576	3.25182	3.25182	0.407352	0.814865	-1.2272	5.97597	5.52253	0.821442	1
cg18356683	HIPK2;HIPK2	0.0141737	0.00749083	0.633662	-1.57813	0.111409	0.794685	-1.25836	0.0414344	0.732211	-1.36573	0.408964	0.894109	-1.11843	0.380418	0.887592	-1.12664	0.623933	0.936607	-1.06768	0.00307979	1.71077	1.71077	0.130486	0.805377	-1.24165	0.0821897	0.774756	-1.29073	5.27844	1.46843	0.247283	1
cg10271819	HIPK2;HIPK2	0.0235664	0.466498	0.857795	-1.16578	0.230681	0.770833	-1.2973	0.0245066	0.574283	-1.7413	0.12111	0.706147	-1.41614	0.285346	0.79477	-1.25823	0.713547	1.07931	1.07931	0.00290186	2.33351	2.33351	0.164789	1.35902	1.35902	0.198386	0.754751	-1.32494	4.44736	3.01812	0.603228	1
cg22763590	HIPK2;HIPK2	0.0254367	0.259238	0.67501	-1.48146	?	?	?	0.368033	1.36172	1.36172	0.972027	1.01178	1.01178	0.00685444	0.310596	-3.21962	0.182964	1.60298	1.60298	0.80256	0.919746	-1.08726	0.00572228	3.35276	3.35276	0.705916	0.881097	-1.13495	4.40637	6.91696	1.56976	1
cg21783242	HIPK2;HIPK2	0.0257913	0.0525077	0.436855	-2.28909	0.271501	0.650512	-1.53725	0.525469	0.785305	-1.27339	0.376943	1.40575	1.40575	0.00594782	0.258956	-3.86166	0.0241579	0.364274	-2.74519	0.0124892	0.311165	-3.21373	0.647819	1.18858	1.18858	0.0227211	0.359038	-2.78522	4.31018	9.6321	1.98643	1
cg11355603	HIPK2;HIPK2	0.028935	0.0142977	1.61039	1.61039	0.977947	0.99565	-1.00437	0.15827	1.26859	1.26859	0.586493	1.09049	1.09049	0.0968098	0.750137	-1.33309	0.595971	0.919064	-1.08806	0.00314424	1.89022	1.89022	0.61697	0.923547	-1.08278	0.306607	0.846247	-1.18169	4.13952	1.63097	0.350222	1
cg01079060	HIPK2;HIPK2	0.0307945	0.0258865	1.50204	1.50204	0.883323	1.02284	1.02284	0.684543	1.06484	1.06484	0.814993	1.03671	1.03671	0.0140097	0.672435	-1.59463	0.372435	1.15124	1.15124	0.00884309	1.66962	1.66962	0.0470356	1.4185	1.4185	0.895894	1.02034	1.02034	4.04901	1.51702	0.333034	1
cg14656229	HIPK2;HIPK2	0.0328055	0.538357	0.849014	-1.17784	0.572057	0.860699	-1.16185	0.361462	1.27949	1.27949	0.912912	0.971666	-1.02916	0.000743912	0.260489	-3.83894	0.948348	0.983123	-1.01717	0.221147	1.40201	1.40201	0.610855	1.14434	1.14434	0.375568	1.26989	1.26989	3.95845	4.32756	0.971776	1
cg00363312	HIPK2;HIPK2	0.0357796	0.112328	0.43742	-2.28613	0.132852	0.460423	-2.17191	0.0664866	0.373695	-2.67598	0.323056	1.62939	1.62939	0.203349	0.526122	-1.9007	0.953935	0.972748	-1.02802	0.0810185	0.396408	-2.52265	0.00655599	5.4144	5.4144	0.364632	1.56137	1.56137	3.83638	13.9	3.22064	1
cg16387669	HIPK2;HIPK2	0.0489493	0.146745	1.41483	1.41483	0.0954081	0.664866	-1.50406	0.00541525	0.442406	-2.26037	0.552653	1.14321	1.14321	0.929707	0.980534	-1.01985	0.509013	1.16097	1.16097	0.155118	1.40352	1.40352	0.393071	1.21522	1.21522	0.110799	1.47272	1.47272	3.41556	2.68533	0.698849	1
cg01466035	HIPK2;HIPK2;TBXAS1;TBXAS1;HIPK2;HIPK2	0.0363199	0.0109291	0.732989	-1.36428	0.159397	1.15746	1.15746	0.322101	1.10458	1.10458	0.0110665	0.733568	-1.3632	0.0879465	1.20097	1.20097	0.536405	0.940936	-1.06277	0.416262	1.08415	1.08415	0.595367	1.0535	1.0535	0.498756	1.06906	1.06906	3.81555	0.571441	0.133126	1
cg10803309	HIPK3;HIPK3	0.000175793	2.98E-05	0.142723	-7.00659	0.877662	0.963974	-1.03737	0.180306	1.40338	1.40338	0.376854	1.24109	1.24109	6.17E-05	0.172042	-5.81252	0.0434565	0.575163	-1.73864	0.524725	0.857674	-1.16594	0.00131159	3.04675	3.04675	0.13406	0.68055	-1.4694	19.0243	17.0934	0.798672	1
cg19338197	HIPK3;HIPK3	0.000351378	0.000438642	0.191005	-5.23547	0.0444526	0.502621	-1.98957	0.0671793	0.542568	-1.84309	0.500228	0.815504	-1.22623	3.14E-05	0.0890354	-11.2315	0.00301924	0.297692	-3.35917	0.031541	0.471641	-2.12026	0.0181311	2.35194	2.35194	0.00107715	0.237137	-4.21697	15.7522	22.1619	1.25059	1
cg25600606	HIPK3;HIPK3	0.0037644	0.0299391	0.707246	-1.41394	0.195189	1.2042	1.2042	0.0102832	1.55051	1.55051	0.026694	1.42776	1.42776	0.364569	1.13468	1.13468	0.359355	1.13634	1.13634	0.00150477	1.85939	1.85939	0.342049	0.875671	-1.14198	0.00502985	0.604582	-1.65404	7.99726	2.32954	0.258927	1
cg00396677	HIPK3;HIPK3	0.00489878	0.14326	2.46303	2.46303	0.79996	1.15481	1.15481	0.000286026	0.0261043	-38.3078	0.108026	2.7381	2.7381	0.0306897	4.3746	4.3746	?	?	?	0.283286	1.88789	1.88789	0.963792	1.02606	1.02606	0.108822	2.73062	2.73062	8.738	38.6725	3.87256	1
cg04225088	HIPK3;HIPK3	0.017543	0.143388	0.585334	-1.70843	0.0282079	2.41716	2.41716	0.878838	1.05333	1.05333	0.259429	1.49289	1.49289	0.00328884	0.255607	-3.91225	0.650798	0.856237	-1.1679	0.192962	0.625459	-1.59883	0.00843072	0.317953	-3.14512	0.452584	0.770565	-1.29775	4.91742	9.03495	1.63319	1
cg21466821	HIPK4	0.000144644	0.0162984	0.649331	-1.54005	0.00848953	1.63871	1.63871	3.26E-05	0.305121	-3.27739	0.818688	1.03433	1.03433	9.38E-05	0.359226	-2.78376	0.000108766	0.366981	-2.72494	0.0177303	0.654464	-1.52797	0.0717071	0.744068	-1.34396	0.0825571	0.753761	-1.32668	20.0524	6.86404	0.304271	1
cg27170720	HIPK4	0.000265912	2.49E-05	0.222294	-4.49854	0.480875	1.13727	1.13727	0.0173849	0.594565	-1.6819	0.000182184	0.321008	-3.11518	0.000478208	0.373773	-2.67542	0.0129605	0.574848	-1.73959	0.318686	0.831093	-1.20324	0.0901738	1.39829	1.39829	0.937183	0.98595	-1.01425	17.0015	8.67797	0.453711	1
cg21278723	HIPK4	0.000697803	1.39E-05	0.316969	-3.15488	0.622301	0.939017	-1.06494	0.120986	0.808083	-1.2375	0.0270855	1.3932	1.3932	0.190433	0.838859	-1.1921	0.00630232	0.637069	-1.56969	0.476856	1.096	1.096	0.994928	0.999195	-1.00081	0.592168	1.07093	1.07093	13.0224	3.31226	0.226089	1
cg01644518	HIPK4	0.00121764	0.0306043	0.50391	-1.98448	0.408332	0.795994	-1.25629	0.355558	1.29226	1.29226	0.128458	1.55786	1.55786	3.53E-05	0.11594	-8.62514	0.395709	1.26448	1.26448	0.0251263	2.05165	2.05165	0.19868	1.4426	1.4426	0.187138	0.685776	-1.4582	11.1253	12.825	1.02469	1
cg22922010	HIPK4	0.00140889	0.970567	1.00697	1.00697	0.000155645	0.295242	-3.38705	0.00052424	0.361224	-2.76836	0.36795	0.840118	-1.19031	0.000763823	0.382686	-2.61311	0.103695	0.715187	-1.39824	0.713491	0.932887	-1.07194	0.0594194	0.669751	-1.49309	0.00786121	0.525996	-1.90116	10.6701	5.99711	0.499598	1
cg22964259	HIPK4	0.00400667	0.917986	0.985442	-1.01477	0.0434807	1.39177	1.39177	0.000341158	0.439818	-2.27367	0.326854	0.865784	-1.15502	0.00689194	0.607722	-1.64549	0.059117	1.35448	1.35448	0.0818449	0.75992	-1.31593	0.750913	0.955669	-1.04639	0.185933	1.22101	1.22101	7.84855	2.51989	0.28539	1
cg12291109	HIPK4	0.00883202	0.761637	1.05237	1.05237	0.142919	0.767847	-1.30234	0.000352776	0.381734	-2.61963	0.514529	0.895036	-1.11727	0.0281197	0.647218	-1.54507	0.352758	0.851783	-1.17401	0.0294444	1.53764	1.53764	0.56147	1.10352	1.10352	0.431346	0.873941	-1.14424	6.149	2.74119	0.396261	1
cg13658962	HIPK4	0.0107685	0.031437	0.557164	-1.7948	0.790025	1.06381	1.06381	0.00696065	0.44522	-2.24608	0.552154	0.869877	-1.14959	0.00120137	0.333	-3.003	0.128413	0.683252	-1.46359	0.0537978	0.602007	-1.66111	0.0669343	1.60963	1.60963	0.949708	0.985487	-1.01473	5.77191	4.91056	0.756239	1
cg01290710	HIPK4	0.0122814	0.0150276	2.50635	2.50635	0.320733	1.37077	1.37077	0.468366	0.79708	-1.25458	0.948402	0.980303	-1.02009	0.252109	1.44449	1.44449	0.581439	1.18668	1.18668	0.000413933	5.59835	5.59835	0.0285572	2.21265	2.21265	0.0529897	1.96594	1.96594	5.53169	8.27858	1.33029	1
cg07614448	HIPK4	0.015041	0.0141387	0.538443	-1.85721	0.527238	0.87725	-1.13993	0.000875549	0.360498	-2.77394	0.150191	0.729543	-1.37072	0.0193059	0.560731	-1.78338	0.766416	0.940912	-1.0628	0.136174	1.38858	1.38858	0.710074	0.926497	-1.07933	0.219669	0.768073	-1.30196	5.17603	3.4264	0.588423	1
cg00469497	HIPK4	0.0151429	0.00408643	0.210046	-4.76087	0.465226	0.740103	-1.35116	0.0580846	0.420042	-2.38071	0.307825	0.652158	-1.53337	0.00310333	0.194284	-5.14711	0.411641	0.711804	-1.40488	0.00704779	0.24403	-4.09785	0.197131	1.737	1.737	0.33818	0.670442	-1.49155	5.16448	13.4132	2.30862	1
cg07123548	HIPK4	0.0190638	0.456411	0.813804	-1.2288	0.2976	1.34086	1.34086	0.00509225	0.365815	-2.73362	0.321553	0.757161	-1.32072	0.00232648	0.315048	-3.17412	0.0237638	0.480436	-2.08144	0.0649986	0.569592	-1.75564	0.495059	0.828456	-1.20706	0.0638869	0.567933	-1.76077	4.78164	5.58777	1.03875	1
cg09412728	HIPK4	0.0208965	0.505985	0.684486	-1.46095	0.278325	0.530874	-1.88369	0.456836	0.653335	-1.53061	0.642168	1.30065	1.30065	0.00901082	0.154867	-6.45715	0.0173407	0.196363	-5.0926	0.00104239	0.0654394	-15.2813	0.976779	0.983783	-1.01648	0.411253	0.623767	-1.60316	4.63484	23.1631	4.44232	1
cg03203646	HIPK4;HIPK4	0.00601945	0.157695	1.4263	1.4263	0.0531502	0.596652	-1.67602	0.00198117	0.358089	-2.7926	0.195629	1.37945	1.37945	0.0226101	0.526411	-1.89965	0.218355	0.737623	-1.35571	0.0183465	1.95951	1.95951	0.804218	0.943292	-1.06012	0.00853085	0.454342	-2.20098	6.93223	6.0655	0.777752	1
cg09685568	HIRA	0.000268076	0.000418255	0.724952	-1.3794	0.483995	0.959932	-1.04174	0.0903115	1.11328	1.11328	0.814341	0.986566	-1.01362	0.00237018	0.783726	-1.27596	0.00132188	0.764468	-1.3081	2.47E-05	0.617457	-1.61955	0.0428757	0.8746	-1.14338	0.0472173	1.13945	1.13945	16.9639	0.888079	0.0465344	1
cg21311175	HIRA	0.00472133	0.0610604	1.56453	1.56453	0.322206	1.24213	1.24213	0.209674	1.32357	1.32357	0.120254	1.42954	1.42954	0.964463	1.00949	1.00949	0.6179	1.11252	1.11252	0.0128105	0.519183	-1.9261	0.000241502	0.275901	-3.62449	0.616045	1.11316	1.11316	7.46798	5.31742	0.632915	1
cg20381060	HIRA	0.0179378	0.735409	0.919573	-1.08746	0.00426454	0.388583	-2.57345	0.00448878	0.391991	-2.55108	0.0221743	0.507693	-1.9697	0.260709	0.74828	-1.3364	0.810471	0.942339	-1.06119	0.129257	1.49961	1.49961	0.807669	0.941492	-1.06214	0.0358611	0.546867	-1.8286	4.88081	4.72362	0.860261	1
cg03439145	HIRA;MRPL40	0.000552331	1.07E-05	0.0277079	-36.0908	0.619999	0.82623	-1.21032	0.853939	0.932044	-1.07291	0.0183151	0.335095	-2.98423	0.0340414	0.388773	-2.5722	0.00046939	0.122539	-8.16065	0.370143	0.703664	-1.42113	0.294782	0.660381	-1.51428	0.973678	0.987479	-1.01268	13.9008	32.1056	2.053	1
cg02723399	HIRA;MRPL40	0.0211231	0.378288	0.869299	-1.15035	0.0974359	1.32553	1.32553	0.00294422	1.88269	1.88269	0.72551	0.946844	-1.05614	0.0299802	0.673265	-1.4853	0.585476	1.08908	1.08908	0.60041	0.921368	-1.08534	0.0581222	0.717606	-1.39352	0.129568	0.775883	-1.28885	4.6178	1.75593	0.338002	1
cg10243787	HIRA;MRPL40	0.0262854	0.211593	1.29208	1.29208	0.0301171	1.64314	1.64314	0.480333	1.14993	1.14993	0.592421	0.900124	-1.11096	0.160323	1.33919	1.33919	0.864005	1.03394	1.03394	0.00243827	0.439824	-2.27364	0.324893	0.820409	-1.2189	0.129646	1.37549	1.37549	4.2817	2.5712	0.533785	1
cg16000599	HIRA;MRPL40;HIRA	0.00556033	0.00248818	0.76878	-1.30076	0.0456842	1.15409	1.15409	0.0498722	0.869437	-1.15017	0.0482743	0.868339	-1.15162	0.9991	1.00007	1.00007	0.0827046	0.886737	-1.12773	0.311837	1.06764	1.06764	0.710385	0.976938	-1.02361	0.000864214	0.731388	-1.36726	7.10371	0.440223	0.0550852	1
cg18715318	HIRA;MRPL40;MRPL40	0.0159773	0.649652	0.934908	-1.06962	0.545203	1.0943	1.0943	0.0601834	1.36617	1.36617	0.0254282	0.676416	-1.47838	0.00249806	0.538872	-1.85573	0.330988	0.86275	-1.15908	0.612737	0.927627	-1.07802	0.658003	1.06777	1.06777	0.0203928	1.5089	1.5089	5.07339	1.74059	0.304962	1
cg19661569	HIRA;MRPL40;MRPL40	0.044392	0.346995	0.810287	-1.23413	0.00360478	0.424838	-2.35384	0.812324	0.949642	-1.05303	0.36479	0.816851	-1.22421	0.78925	1.05992	1.05992	0.012076	0.506686	-1.97361	0.77435	0.939466	-1.06443	0.286411	1.27187	1.27187	0.299467	1.26314	1.26314	3.54351	2.64843	0.664359	1
cg01031475	HIRIP3	0.0040638	0.219601	1.13123	1.13123	0.557939	0.944974	-1.05823	0.845663	0.981558	-1.01879	0.0508791	1.23671	1.23671	0.000319053	0.573158	-1.74472	0.732151	1.03336	1.03336	0.00476856	1.43033	1.43033	0.783836	1.02661	1.02661	0.0507883	1.23684	1.23684	7.81511	1.12925	0.12844	1
cg02647545	HIRIP3;INO80E	0.0371269	0.784029	0.968259	-1.03278	0.0647666	0.783852	-1.27575	0.577101	0.936	-1.06838	0.816517	0.973081	-1.02766	0.66498	1.05249	1.05249	0.0688217	0.78734	-1.2701	0.362552	0.895946	-1.11614	0.00241762	1.6421	1.6421	0.330984	1.12498	1.12498	3.78514	0.826367	0.194061	1
cg09238470	HIRIP3;INO80E;HIRIP3	0.00932998	0.176816	1.22833	1.22833	0.859841	1.02564	1.02564	0.416918	1.12619	1.12619	0.113828	1.27945	1.27945	0.0238003	1.47174	1.47174	0.502984	0.907218	-1.10227	0.000539969	0.462651	-2.16146	0.583162	1.08263	1.08263	0.0774443	1.32467	1.32467	6.04284	1.96383	0.288876	1
cg09039698	HIRIP3;INO80E;HIRIP3	0.0299265	0.179427	0.846087	-1.18191	0.870485	0.981057	-1.01931	0.0379906	1.32572	1.32572	0.556432	0.932655	-1.07221	0.758673	0.964527	-1.03678	0.949494	1.00745	1.00745	0.00127236	0.576422	-1.73484	0.879471	0.982372	-1.01794	0.248532	1.15186	1.15186	4.09039	0.889898	0.193385	1
cg01805920	HIRIP3;INO80E;INO80E	1.15E-05	0.0584339	0.704176	-1.4201	0.0179918	1.60235	1.60235	0.000185203	2.81711	2.81711	0.233234	0.814636	-1.22754	0.00458832	0.538514	-1.85696	2.88E-07	0.0840615	-11.896	0.132498	1.30508	1.30508	0.577487	1.0967	1.0967	0.112487	1.32765	1.32765	39.1219	16.67	0.37876	1
cg02756170	HISPPD1	0.00523621	0.735055	0.879269	-1.13731	0.0265718	0.369451	-2.70672	0.503784	0.773372	-1.29304	0.379337	1.40724	1.40724	0.00127784	0.168755	-5.92575	0.000888546	0.151679	-6.59285	0.00437066	0.236442	-4.22936	0.609576	0.822751	-1.21543	0.044859	0.418047	-2.39208	7.23577	16.4437	2.02005	1
cg21157818	HISPPD1	0.00753048	0.566088	0.912574	-1.0958	0.144608	0.78103	-1.28036	0.0192926	0.639946	-1.56263	0.586052	0.916927	-1.0906	0.0235045	0.652638	-1.53224	0.470717	0.890714	-1.1227	0.000560906	2.32499	2.32499	0.224489	1.22292	1.22292	0.661611	1.07193	1.07193	6.46579	2.54739	0.350205	1
cg15018694	HISPPD1	0.0113853	0.0183134	0.695373	-1.43808	0.00648049	0.63821	-1.56688	0.238005	0.85484	-1.16981	0.274866	0.865751	-1.15507	0.0138109	0.679669	-1.4713	0.0659091	1.2993	1.2993	0.0642351	1.30194	1.30194	0.111959	0.802817	-1.24561	0.0277401	0.718824	-1.39116	5.66919	1.44571	0.226677	1
cg22381527	HISPPD2A;HISPPD2A;HISPPD2A;HISPPD2A	0.0124816	0.0290413	0.50726	-1.97138	0.454823	0.818065	-1.2224	0.345786	0.774048	-1.29191	0.158424	0.67186	-1.48841	0.144922	0.661686	-1.51129	0.00192632	0.314121	-3.18349	0.00287263	0.339012	-2.94974	0.0434671	0.541992	-1.84505	0.0044742	0.367902	-2.71811	5.50267	6.06401	0.979565	1
cg21664781	HISPPD2A;HISPPD2A;HISPPD2A;HISPPD2A	0.0242682	0.0419463	1.95182	1.95182	0.550907	0.841856	-1.18785	0.201797	0.680768	-1.46893	0.659312	0.881109	-1.13493	0.00129831	0.26273	-3.80618	0.579013	1.17338	1.17338	0.263017	1.39503	1.39503	0.15879	0.6507	-1.53681	0.230336	0.69836	-1.43193	4.40241	5.67499	1.14583	1
cg26713570	HIST1H1A	0.0109658	0.0121265	2.52523	2.52523	0.129023	1.62571	1.62571	0.167217	1.54679	1.54679	0.0253289	2.19815	2.19815	0.00571063	2.92614	2.92614	0.151491	1.5766	1.5766	0.00136002	3.96492	3.96492	0.00489632	3.01824	3.01824	0.0637095	1.85433	1.85433	5.73828	7.9758	1.23549	1
cg08054907	HIST1H1A;HIST1H3A	0.00134561	0.776138	0.972832	-1.02793	0.880042	1.0147	1.0147	0.00885563	0.724772	-1.37974	0.739798	1.03273	1.03273	0.601764	1.05219	1.05219	0.756774	0.970431	-1.03047	8.55E-05	1.97729	1.97729	0.000878937	1.61907	1.61907	0.168902	1.15214	1.15214	10.8117	1.59832	0.131407	1
cg00667898	HIST1H1B	5.62E-06	0.0154604	0.7917	-1.2631	0.570307	0.955903	-1.04613	4.32E-07	3.08393	3.08393	0.455356	1.0616	1.0616	0.0426592	1.20138	1.20138	8.15E-07	2.82182	2.82182	0.120947	0.876152	-1.14135	0.442381	1.06352	1.06352	0.508801	1.05411	1.05411	47.0929	4.61019	0.0870184	1
cg00700007	HIST1H1B	2.02E-05	0.456699	0.873946	-1.14424	0.0148695	1.7032	1.7032	1.17E-06	9.37637	9.37637	0.00324356	2.0414	2.0414	0.168529	0.770428	-1.29798	7.37E-06	5.78706	5.78706	0.0187209	0.602633	-1.65939	0.522151	1.12222	1.12222	0.877558	1.02778	1.02778	33.7984	16.913	0.444808	1
cg14334286	HIST1H1B	2.04E-05	5.92E-05	0.305148	-3.27709	0.32527	0.850256	-1.17612	5.04E-05	3.3666	3.3666	0.00524995	0.555478	-1.80025	3.08E-05	0.272663	-3.66753	5.86E-05	3.28269	3.28269	0.0164587	0.626199	-1.59694	0.140412	0.776247	-1.28825	0.480954	1.12121	1.12121	33.683	13.606	0.35906	1
cg07138603	HIST1H1B	0.000913544	0.962619	0.988994	-1.01113	0.107224	1.51466	1.51466	0.000259488	4.1329	4.1329	0.139058	1.45643	1.45643	0.689023	0.909381	-1.09965	0.000688581	3.39983	3.39983	0.000868568	0.307297	-3.25418	0.216978	0.735833	-1.359	0.761972	1.07437	1.07437	12.0716	10.661	0.785019	1
cg04676561	HIST1H1B	0.00377134	0.816034	0.949054	-1.05368	0.01248	2.0086	2.0086	0.00131494	2.85494	2.85494	0.547927	0.87247	-1.14617	0.799087	0.944379	-1.0589	0.00108439	2.95124	2.95124	0.0430673	0.593162	-1.68588	0.129206	0.69222	-1.44463	0.199275	1.35569	1.35569	7.99283	6.37299	0.708745	1
cg18798248	HIST1H1B	0.00623539	0.8012	0.964683	-1.03661	0.284355	1.17174	1.17174	0.000194919	2.44286	2.44286	0.0661677	1.34139	1.34139	0.108009	0.77887	-1.28391	0.00785007	1.62605	1.62605	0.766589	1.04334	1.04334	0.885658	1.02072	1.02072	0.613436	1.0753	1.0753	6.85712	2.20562	0.285915	1
cg11206041	HIST1H1B	0.00791697	0.0626897	0.719351	-1.39014	0.141229	1.28253	1.28253	0.000529476	2.33681	2.33681	0.836707	0.968064	-1.03299	0.208643	0.81184	-1.23177	0.05646	1.40444	1.40444	0.079256	1.35854	1.35854	0.0191963	1.56141	1.56141	0.989672	0.997966	-1.00204	6.365	2.49332	0.348198	1
cg03821311	HIST1H1B	0.0103915	0.960204	0.983118	-1.01717	0.144374	0.585643	-1.70752	0.997957	1.00087	1.00087	0.218285	0.642829	-1.55562	0.000698043	0.171263	-5.83898	0.77412	0.906479	-1.10317	0.00393754	0.26616	-3.75714	0.319996	1.41999	1.41999	0.1403	1.71833	1.71833	5.83837	10.7665	1.63919	1
cg23460835	HIST1H1B	0.0200808	?	?	?	0.16916	3.06313	3.06313	0.00573502	36.6162	36.6162	0.0485892	6.51307	6.51307	?	?	?	0.00570358	36.8185	36.8185	?	?	?	?	?	?	0.613208	1.4416	1.4416	10.5919	41.0069	3.09723	1
cg16088123	HIST1H1B;HIST1H1B	0.000849	0.108411	0.765807	-1.30581	0.0632806	1.3747	1.3747	5.17E-05	3.17035	3.17035	0.982526	0.996669	-1.00334	0.0346539	0.68712	-1.45535	0.0267824	1.49145	1.49145	0.0373719	0.692057	-1.44497	0.0251791	0.666547	-1.50027	0.102252	0.761502	-1.31319	12.324	4.53095	0.326803	1
cg08283682	HIST1H1C	0.00226331	0.00661011	1.43598	1.43598	0.000603883	0.581135	-1.72077	0.131409	0.846083	-1.18192	0.123927	1.18648	1.18648	0.22818	0.878266	-1.13861	0.101315	0.831835	-1.20216	0.000878329	0.599359	-1.66845	0.124547	0.843106	-1.18609	0.295412	0.894621	-1.11779	9.29972	1.55124	0.148271	1
cg16482183	HIST1H1C	0.0227689	0.0934013	1.27602	1.27602	0.0759973	1.29799	1.29799	0.00780108	1.57011	1.57011	0.00145587	1.83563	1.83563	0.337472	1.13953	1.13953	0.529154	1.08786	1.08786	0.727326	0.954814	-1.04732	0.929229	0.988335	-1.0118	0.385349	0.889092	-1.12474	4.50049	1.2436	0.245622	1
cg20855557	HIST1H1C	0.0247193	0.0915276	0.651343	-1.53529	0.00441802	0.416175	-2.40283	0.368244	1.23768	1.23768	0.403981	1.21778	1.21778	0.0216089	0.529155	-1.8898	0.420958	1.20888	1.20888	0.878326	0.96527	-1.03598	0.0104841	0.475563	-2.10277	0.825468	0.950319	-1.05228	4.37437	3.68821	0.749459	1
cg04290376	HIST1H1C	0.0292955	?	?	?	0.411955	1.35407	1.35407	0.0197015	0.233159	-4.28892	0.552904	0.808598	-1.23671	?	?	?	?	?	?	?	?	?	0.00895311	0.144101	-6.93958	0.0247076	0.262438	-3.81042	13.2936	11.2539	0.507936	1
cg23407813	HIST1H1C	0.0374792	0.326573	0.902692	-1.1078	0.715637	0.963695	-1.03767	0.306832	1.11286	1.11286	0.269877	0.89036	-1.12314	0.00186946	0.640218	-1.56197	0.991877	1.00103	1.00103	0.599889	0.947906	-1.05496	0.926254	0.990686	-1.0094	0.0327852	1.28715	1.28715	3.77211	0.61035	0.143827	1
cg05554718	HIST1H1D	0.000412196	0.00233726	0.30996	-3.22622	0.000683282	0.239225	-4.18016	0.00542148	0.364635	-2.74247	0.25887	0.72271	-1.38368	0.000659016	0.237303	-4.21402	0.00144288	0.280962	-3.5592	8.81E-05	0.144139	-6.93776	0.000197856	0.178349	-5.60698	0.0240185	0.476097	-2.10041	15.0748	18.1449	1.06992	1
cg25091056	HIST1H1D	0.0154526	0.376548	0.809534	-1.23528	0.0355071	1.76819	1.76819	0.0133176	2.04222	2.04222	0.420825	1.21106	1.21106	0.156888	0.702896	-1.42269	0.00453766	0.414607	-2.41192	0.270081	0.765364	-1.30657	0.243593	0.752696	-1.32856	0.124718	1.47258	1.47258	5.12995	4.40513	0.763296	1
cg27143868	HIST1H1E	7.36E-05	0.750924	0.953883	-1.04835	0.778465	0.959048	-1.0427	0.876035	0.977121	-1.02342	0.198864	0.817677	-1.22298	0.0043387	0.568266	-1.75974	0.0179914	0.653012	-1.53136	5.96E-07	0.130345	-7.67194	0.601765	0.924905	-1.08119	0.110101	0.772447	-1.29459	24.0262	8.36443	0.309456	1
cg17050810	HIST1H1T	3.42E-05	0.897179	1.01471	1.01471	0.0845207	0.806167	-1.24044	0.530874	1.07432	1.07432	0.423119	1.09679	1.09679	0.00534047	1.51346	1.51346	8.46E-06	0.33453	-2.98927	0.00110091	1.72174	1.72174	0.102576	0.817331	-1.22349	8.18E-06	0.33287	-3.00417	29.4347	5.94446	0.179515	1
cg05959834	HIST1H1T	0.00383446	0.623332	1.08545	1.08545	0.0113738	0.591678	-1.69011	0.450866	0.880518	-1.13569	0.114959	1.3283	1.3283	0.000144984	0.338339	-2.95561	0.768462	1.05011	1.05011	0.0731233	0.718175	-1.39242	0.413591	0.870714	-1.14848	0.0116243	0.593063	-1.68616	7.95305	3.4556	0.386222	1
cg23190053	HIST1H1T	0.00459666	0.162982	0.731185	-1.36764	0.882596	1.03156	1.03156	0.896217	1.02782	1.02782	0.287339	1.26145	1.26145	7.56E-05	0.220981	-4.52527	0.560189	0.883513	-1.13185	0.0794046	1.50588	1.50588	0.450085	0.850608	-1.17563	0.42989	0.844165	-1.1846	7.52899	5.27073	0.622275	1
cg25090472	HIST1H2AA;HIST1H2BA	1.31E-05	0.244973	0.744184	-1.34375	0.0109065	0.460074	-2.17356	7.10E-05	0.172078	-5.81132	0.00831598	0.440645	-2.2694	0.000742096	0.288122	-3.47075	0.612122	1.13227	1.13227	1.57E-07	0.0190067	-52.6132	0.0875143	0.632384	-1.58132	0.0979865	0.643399	-1.55424	37.7986	35.3338	0.830925	1
cg07077277	HIST1H2AA;HIST1H2BA	0.000120586	0.661961	1.1014	1.1014	0.0075664	0.470348	-2.12609	8.80E-05	0.213766	-4.67802	0.0109954	0.496384	-2.01457	0.000679171	0.319777	-3.12718	0.418378	0.833985	-1.19906	3.80E-06	0.0936824	-10.6744	0.366718	0.815807	-1.22578	0.0502351	0.6126	-1.63239	21.0575	16.0739	0.678518	1
cg03691170	HIST1H2AA;HIST1H2BA	0.000121347	0.583368	1.15165	1.15165	0.955268	1.0144	1.0144	0.0050858	0.3891	-2.57004	4.10E-05	0.136205	-7.34186	0.587349	0.869643	-1.1499	0.440694	1.22193	1.22193	4.68E-06	0.0689111	-14.5115	0.973076	1.00864	1.00864	0.276299	0.749267	-1.33464	21.022	21.6336	0.914749	1
cg10093738	HIST1H2AA;HIST1H2BA	0.000272606	0.499809	1.15116	1.15116	0.757038	0.938214	-1.06586	0.0041742	0.454338	-2.201	0.123429	0.709671	-1.4091	0.00118268	0.376238	-2.65789	0.214248	1.3083	1.3083	4.98E-06	0.117833	-8.4866	0.180974	0.74684	-1.33898	0.520386	0.874676	-1.14328	16.8865	11.2962	0.594625	1
cg11761622	HIST1H2AA;HIST1H2BA	0.000574932	0.830461	0.914695	-1.09326	0.565757	0.785512	-1.27306	0.00115103	0.137161	-7.29072	0.0275038	0.338192	-2.9569	0.0531733	0.401098	-2.49316	0.236402	0.596952	-1.67518	8.29E-06	0.0175428	-57.0036	0.877345	0.937794	-1.06633	0.755132	0.878008	-1.13894	13.7464	37.6483	2.43447	1
cg13778975	HIST1H2AA;HIST1H2BA	0.00178858	0.0556847	0.506339	-1.97496	0.37536	0.751584	-1.33052	0.00400429	0.297035	-3.36661	0.00263364	0.270732	-3.69369	0.0194629	0.412066	-2.4268	0.0548639	0.504875	-1.98069	4.16E-05	0.0863069	-11.5866	0.202852	0.655756	-1.52496	0.239865	0.679577	-1.4715	9.96015	15.5412	1.38697	1
cg06024039	HIST1H2AA;HIST1H2BA	0.0267297	0.133926	0.559047	-1.78876	0.191538	0.608088	-1.6445	0.068076	0.479473	-2.08562	0.342914	0.703617	-1.42123	0.0034588	0.239766	-4.17073	0.8969	0.954432	-1.04774	0.00225865	0.214925	-4.65278	0.921029	1.03632	1.03632	0.981394	1.00842	1.00842	4.25665	8.72534	1.82205	1
cg26555463	HIST1H2AB	0.00248106	?	?	?	0.468988	0.803079	-1.24521	0.746063	0.90781	-1.10155	0.180196	0.654664	-1.5275	0.000241114	0.163947	-6.09953	0.000329001	0.177887	-5.62154	0.955759	1.01665	1.01665	0.189386	0.661121	-1.51258	0.456166	1.25346	1.25346	9.25662	11.5465	1.24738	1
cg13017319	HIST1H2AB	0.00361479	0.0504468	0.893735	-1.1189	0.0706348	0.903211	-1.10716	0.222349	0.937421	-1.06676	0.0173044	0.864085	-1.15729	0.000466539	0.757851	-1.31952	0.0468184	0.89165	-1.12152	0.0237382	1.14571	1.14571	0.558632	0.970636	-1.03025	0.0278653	1.13992	1.13992	8.09518	0.325539	0.0357457	1
cg19430897	HIST1H2AB	0.00607859	0.148245	0.849536	-1.17711	0.233575	0.876943	-1.14032	0.205582	1.15074	1.15074	0.847305	1.02048	1.02048	0.176868	1.16292	1.16292	0.00653479	1.44995	1.44995	0.000845983	0.590036	-1.69481	0.948541	1.00681	1.00681	0.0244224	1.32571	1.32571	6.91133	1.2101	0.155635	1
cg25750719	HIST1H2AB	0.00989745	0.00193321	0.42441	-2.35621	0.194029	1.30791	1.30791	0.00491255	2.07095	2.07095	0.286279	0.805474	-1.24151	0.951106	0.988092	-1.01205	0.226617	1.28146	1.28146	0.33654	0.824013	-1.21357	0.0492045	1.55048	1.55048	0.193246	1.3086	1.3086	5.93013	3.58416	0.537243	1
cg08905325	HIST1H2AB	0.0232578	0.00910055	0.39922	-2.50488	0.0203313	0.460697	-2.17062	0.417492	1.25808	1.25808	0.00827391	0.392344	-2.54879	0.218887	0.698861	-1.4309	0.415227	0.793934	-1.25955	0.988348	0.995962	-1.00405	0.683424	0.892608	-1.12031	0.049301	1.86216	1.86216	4.46765	5.43268	1.08089	1
cg11837274	HIST1H2AB	0.0420845	0.245544	1.13795	1.13795	0.186041	1.16088	1.16088	0.673238	1.04616	1.04616	0.202901	0.866736	-1.15375	0.0201675	0.742198	-1.34735	0.0473707	0.785545	-1.273	0.0195371	0.740615	-1.35023	0.149686	1.17862	1.17862	0.813396	0.975155	-1.02548	3.61463	0.648086	0.159374	1
cg20153768	HIST1H2AC	5.61E-05	0.390249	0.91006	-1.09883	4.28E-07	0.215416	-4.64218	0.83801	0.978325	-1.02216	0.811389	0.974733	-1.02592	0.680513	0.956645	-1.04532	0.306746	0.892907	-1.11994	0.33667	1.11187	1.11187	0.60953	1.05669	1.05669	0.651443	1.04989	1.04989	25.821	4.68644	0.161331	1
cg01099526	HIST1H2AC;HIST1H2BC	0.00207713	0.141306	1.5271	1.5271	0.0109216	2.35144	2.35144	0.0993184	1.62179	1.62179	0.770908	0.924831	-1.08128	0.738458	0.914219	-1.09383	6.78E-05	0.14205	-7.03978	0.782854	1.07674	1.07674	0.161304	1.49238	1.49238	0.327096	1.31096	1.31096	9.5361	10.8182	1.0084	1
cg25307277	HIST1H2AC;HIST1H2BC	0.00753734	0.0295356	0.623467	-1.60393	0.531063	0.889598	-1.1241	0.932849	0.984582	-1.01566	0.0568743	0.67211	-1.48785	0.000277983	0.333987	-2.99412	0.44804	1.15322	1.15322	0.785864	1.05149	1.05149	0.538115	1.1218	1.1218	0.0633894	1.46947	1.46947	6.46394	3.48002	0.478555	1
cg05804587	HIST1H2AC;HIST1H2BC	0.0467281	0.586057	1.30758	1.30758	0.00638819	0.17715	-5.64492	0.568558	1.32453	1.32453	0.173367	0.493359	-2.02692	0.147267	0.468387	-2.13499	0.0785989	2.59284	2.59284	0.219968	1.87577	1.87577	0.106585	2.36163	2.36163	0.729719	1.1843	1.1843	3.476	13.0945	3.34855	1
cg23205775	HIST1H2AD;HIST1H2BF;HIST1H3D	0.0470939	0.797896	0.838293	-1.1929	0.0115247	8.77634	8.77634	0.0153571	7.72999	7.72999	0.57087	0.674546	-1.48248	0.070009	0.248452	-4.02493	0.805883	0.844304	-1.18441	0.881985	1.10751	1.10751	0.1333	0.328511	-3.04404	0.541208	0.653663	-1.52984	3.46581	25.9362	6.65195	1
cg07329467	HIST1H2AD;HIST1H2BF;HIST1H3D;HIST1H2AD	0.0303581	0.03265	0.282831	-3.53568	0.11479	2.32144	2.32144	0.862457	1.08611	1.08611	?	?	?	0.0642503	0.355619	-2.812	0.00308689	0.113042	-8.84627	0.107476	0.421523	-2.37235	0.191227	0.510292	-1.95966	0.796727	0.884254	-1.1309	5.15916	15.6844	2.28008	1
cg27133864	HIST1H2AE;HIST1H2BG	0.000122081	0.00281207	0.583398	-1.7141	0.00150658	0.549543	-1.81969	0.659956	1.05968	1.05968	0.0601418	0.757595	-1.31997	0.145173	0.814791	-1.22731	0.709125	0.952124	-1.05028	0.00512838	0.616268	-1.62267	6.48E-06	3.72673	3.72673	0.283114	1.15721	1.15721	20.988	5.69786	0.241317	1
cg26108678	HIST1H2AE;HIST1H2BG	0.00413344	0.00296293	0.548926	-1.82174	0.00868806	0.611528	-1.63525	0.0375982	0.701378	-1.42576	0.0229949	0.670394	-1.49166	0.856004	1.02707	1.02707	0.00979139	1.6165	1.6165	0.755203	1.04707	1.04707	0.328951	1.1597	1.1597	0.0209922	1.5043	1.5043	7.77514	2.6628	0.304424	1
cg03102548	HIST1H2AE;HIST1H2BG	0.036089	0.125726	1.50619	1.50619	0.00690484	2.37349	2.37349	0.0216217	1.97743	1.97743	0.023748	1.94879	1.94879	0.66662	1.11308	1.11308	0.966774	0.989756	-1.01035	0.486367	1.19105	1.19105	0.0241355	1.9439	1.9439	0.021045	1.98578	1.98578	3.8244	3.7011	0.860231	1
cg00645365	HIST1H2AG	0.000436613	0.00193539	0.378824	-2.63975	0.262858	1.27827	1.27827	0.214784	1.31661	1.31661	0.0003522	0.272678	-3.66733	0.0603671	1.56994	1.56994	0.00163688	0.367785	-2.71898	6.00E-05	0.178752	-5.59433	0.985219	0.996136	-1.00388	0.0221529	0.554324	-1.804	18.5391	12.5522	0.526607	1
cg14848772	HIST1H2AG	0.00470748	0.87591	1.0647	1.0647	0.0402021	2.58823	2.58823	0.0770786	2.20031	2.20031	0.0057548	0.234131	-4.2711	0.0380939	0.381209	-2.62323	0.0432524	0.393471	-2.54148	0.00163256	0.163612	-6.11202	0.0251581	0.343599	-2.91037	0.0403853	0.386802	-2.5853	7.47466	19.0519	2.26566	1
cg08410921	HIST1H2AG;HIST1H2AG;HIST1H2BJ	0.0414443	0.0142636	0.667757	-1.49755	0.594726	1.07438	1.07438	0.0853599	1.28932	1.28932	0.338192	0.876417	-1.14101	0.0386722	0.726187	-1.37706	0.320332	1.14706	1.14706	0.0946953	0.78239	-1.27814	0.271397	0.858144	-1.16531	0.105377	1.26667	1.26667	3.63522	1.0278	0.251318	1
cg25365565	HIST1H2AG;HIST1H2BJ	0.00211714	0.212222	0.654261	-1.52844	0.592443	1.1906	1.1906	0.000727493	5.25346	5.25346	0.495712	0.799844	-1.25024	0.824294	0.93072	-1.07444	0.00285775	3.763	3.763	0.0434612	0.472493	-2.11643	0.187373	1.57012	1.57012	0.000696201	5.31382	5.31382	9.48312	15.6567	1.46756	1
cg24701809	HIST1H2AG;HIST1H2BJ	0.0112222	0.0146442	20.2757	20.2757	0.410987	2.32051	2.32051	0.0375772	11.1962	11.1962	0.776312	0.751843	-1.33006	0.406817	0.427562	-2.33884	0.0136721	21.19	21.19	0.949916	0.939041	-1.06492	0.00280683	61.7179	61.7179	0.00385269	49.3645	49.3645	5.69568	90.4379	14.1141	1
cg10076931	HIST1H2AG;HIST1H2BJ;HIST1H2BJ	0.000728738	0.712611	0.979769	-1.02065	0.0782463	0.897558	-1.11413	0.846884	1.01074	1.01074	0.00845457	1.20412	1.20412	5.24E-05	1.51842	1.51842	0.0228102	1.16243	1.16243	0.699681	0.978814	-1.02164	0.00260512	0.794213	-1.25911	0.0465015	1.13424	1.13424	12.865	0.621838	0.0429651	1
cg21792156	HIST1H2AI;HIST1H2BL	0.0417059	0.20176	0.44162	-2.26439	0.658258	1.30983	1.30983	0.0174262	5.7839	5.7839	0.302208	0.52307	-1.91179	0.159087	0.40152	-2.49053	0.522104	1.48196	1.48196	0.84208	0.886081	-1.12857	0.595069	1.38438	1.38438	0.00480424	9.66777	9.66777	3.62676	21.1162	5.1754	1
cg03221914	HIST1H2AJ	0.0440768	0.0800853	4.46327	4.46327	0.347775	2.10584	2.10584	0.0910187	4.19577	4.19577	0.796916	1.21977	1.21977	0.023129	8.10152	8.10152	0.0378976	6.38776	6.38776	0.0177048	9.22683	9.22683	0.0116285	11.3555	11.3555	0.0249872	7.80422	7.80422	3.55295	33.393	8.35435	1
cg09841124	HIST1H2AK	0.00519793	0.0485164	0.694675	-1.43952	0.0166967	0.623565	-1.60368	0.538296	1.10597	1.10597	0.00263653	0.51029	-1.95967	0.0262759	0.653087	-1.53119	0.978013	0.995555	-1.00446	0.000652507	0.429677	-2.32733	0.00641954	0.563768	-1.77378	0.055796	0.704492	-1.41946	7.25203	3.0011	0.367848	1
cg27064266	HIST1H2AL	0.000110467	0.000221782	3.4652	3.4652	0.417344	1.18234	1.18234	0.000867335	2.74555	2.74555	0.540688	1.13332	1.13332	0.884157	1.0299	1.0299	6.42E-05	4.41412	4.41412	0.934085	1.01686	1.01686	3.88E-05	4.91723	4.91723	6.61E-05	4.38718	4.38718	21.5583	13.9431	0.574901	1
cg20916175	HIST1H2AL	0.00992686	0.00350011	0.292129	-3.42314	0.513702	0.814042	-1.22844	0.00826726	2.85506	2.85506	0.0323724	0.4592	-2.1777	0.483037	0.801353	-1.24789	0.0157384	0.398771	-2.5077	0.381745	1.32138	1.32138	0.186089	1.54572	1.54572	0.549214	1.20715	1.20715	5.92451	9.05489	1.35856	1
cg13617204	HIST1H2AL	0.0168666	0.910771	1.02506	1.02506	0.052302	1.62777	1.62777	0.00266792	2.50148	2.50148	0.0103029	0.489875	-2.04134	0.406412	1.20622	1.20622	0.25735	0.770327	-1.29815	0.412663	1.20309	1.20309	0.755808	1.07129	1.07129	0.0592215	1.60027	1.60027	4.98259	3.84534	0.686005	1
cg08540307	HIST1H2AL	0.0271649	0.21491	1.40251	1.40251	0.45078	1.2203	1.2203	0.00269806	2.92747	2.92747	0.669033	0.89456	-1.11787	0.994204	1.00188	1.00188	0.25328	1.36227	1.36227	0.653013	0.889354	-1.12441	0.451417	0.819711	-1.21994	0.00357835	2.77981	2.77981	4.23261	4.50053	0.945154	1
cg05729499	HIST1H2AL	0.0320472	0.425667	1.92687	1.92687	0.587041	1.55328	1.55328	?	?	?	0.780851	0.799807	-1.2503	0.428904	0.521494	-1.91757	0.685587	0.721567	-1.38587	0.0205589	0.0910963	-10.9774	0.0026066	0.0225635	-44.3194	?	?	?	5.1232	38.4881	6.43929	1
cg12886694	HIST1H2AL	0.0361128	0.106671	1.3799	1.3799	0.1744	1.30227	1.30227	0.00551595	1.94806	1.94806	0.558658	1.11418	1.11418	0.966572	0.992369	-1.00769	0.122895	1.35738	1.35738	0.0135205	0.571897	-1.74857	0.804018	0.955566	-1.0465	0.785749	1.05107	1.05107	3.82349	2.02361	0.470452	1
cg01171339	HIST1H2AL	0.0437496	0.05911	4.03019	4.03019	0.00699442	9.78976	9.78976	0.0206272	6.19259	6.19259	0.248585	2.2008	2.2008	0.0804195	3.55488	3.55488	0.168258	2.61255	2.61255	0.0131235	7.47665	7.47665	0.0616686	3.96134	3.96134	0.0704052	3.7533	3.7533	3.56284	24.1376	6.02204	1
cg12252297	HIST1H2AL;HIST1H2AL	0.0432536	0.340789	0.886664	-1.12782	0.989472	1.00162	1.00162	0.0341598	1.35376	1.35376	0.565247	0.931244	-1.07383	0.45714	1.09723	1.09723	0.0361523	1.34792	1.34792	0.499373	0.919412	-1.08765	0.0634222	0.774321	-1.29145	0.0163376	0.697868	-1.43293	3.57801	0.850857	0.211379	1
cg16807643	HIST1H2AM	0.000213698	1.69E-05	0.068822	-14.5302	0.0220333	2.13109	2.13109	0.0263887	2.06278	2.06278	0.000170563	0.153926	-6.49664	0.00303116	0.318218	-3.1425	0.517513	0.838633	-1.19242	0.118086	0.631272	-1.5841	0.0919883	0.604139	-1.65525	0.153987	1.51105	1.51105	23.0584	25.6087	0.863802	1
cg14754637	HIST1H2AM	0.027707	0.058253	0.673205	-1.48543	0.0375658	1.56219	1.56219	0.0371494	1.56419	1.56419	0.0263434	0.614453	-1.62746	0.895208	0.975929	-1.02466	0.723349	1.06792	1.06792	0.707165	0.932602	-1.07227	0.0163057	1.7212	1.7212	0.444912	1.15487	1.15487	4.20332	2.27578	0.481265	1
cg24707023	HIST1H2AM;HIST1H2BO	0.0274364	0.846148	0.978845	-1.02161	0.305187	0.889703	-1.12397	0.00263233	0.632401	-1.58127	0.00963542	0.697237	-1.43423	0.606702	1.05882	1.05882	0.0967415	0.818175	-1.22223	0.0663036	0.797159	-1.25446	0.249047	1.1418	1.1418	0.195176	0.860011	-1.16278	4.21785	0.809286	0.170553	1
cg01442959	HIST1H2AM;HIST1H2BO	0.0297912	0.135568	1.33702	1.33702	0.00508039	0.512356	-1.95177	0.154879	0.759657	-1.31638	0.0133918	0.575201	-1.73852	0.161814	1.30961	1.30961	0.298149	1.21498	1.21498	0.976214	0.994631	-1.0054	0.272815	0.813772	-1.22885	0.973427	1.00603	1.00603	4.09698	2.11537	0.458956	1
cg19459093	HIST1H2AM;HIST1H2BO	0.034574	0.997417	0.999521	-1.00048	0.0216921	0.665223	-1.50326	0.0611782	0.731959	-1.3662	0.101106	0.76679	-1.30414	0.0221099	0.666406	-1.50059	0.00298254	0.547404	-1.8268	0.0595345	0.730128	-1.36962	0.102857	0.76802	-1.30205	0.151906	0.796892	-1.25487	3.8843	1.34572	0.307956	1
cg01307730	HIST1H2BA;HIST1H2AA	0.00906823	0.669311	1.10844	1.10844	0.0838504	1.58159	1.58159	0.147416	0.689004	-1.45137	0.671829	1.10751	1.10751	0.704526	1.09559	1.09559	0.543098	1.15894	1.15894	0.000177649	0.218204	-4.58287	0.52464	0.856847	-1.16707	0.713654	0.91547	-1.09234	6.09774	5.54561	0.808403	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)
cg16898066	HIST1H2BA;HIST1H2AA	0.0320011
cg22478210	HIST1H2BB	0.000127123
cg26028573	HIST1H2BB	0.00132776
cg12588279	HIST1H2BB	0.00293869
cg27635394	HIST1H2BB	0.00315538
cg04800585	HIST1H2BB	0.0314301
cg00779304	HIST1H2BB;HIST1H3C	0.000373901
cg21250296	HIST1H2BB;HIST1H3C	0.000965268
cg02221866	HIST1H2BB;HIST1H3C	0.00109273
cg15387132	HIST1H2BB;HIST1H3C	0.00353436
cg07701237	HIST1H2BB;HIST1H3C	0.0187304
cg26426142	HIST1H2BB;HIST1H3C	0.0284791
cg02924961	HIST1H2BC	0.00361956
cg09880012	HIST1H2BC;HIST1H2AC;HIST1H2BC	0.00831722
cg02347984	HIST1H2BD	0.00912078
cg04492287	HIST1H2BD	0.020319
cg02887499	HIST1H2BD;HIST1H2BD	0.0221523
cg05261549	HIST1H2BD;HIST1H2BD	0.0422328
cg25938227	HIST1H2BD;HIST1H2BD;HIST1H1E	0.0174118
cg14108534	HIST1H2BD;HIST1H2BD;HIST1H2BD;HIST1H2BD	0.00217268
cg26256916	HIST1H2BE	1.96E-06
cg11822208	HIST1H2BE	4.94E-06
cg01665823	HIST1H2BE	1.08E-05
cg21146268	HIST1H2BE	1.47E-05
cg22942804	HIST1H2BE	7.79E-05
cg22036966	HIST1H2BE	8.82E-05
cg12392684	HIST1H2BE	0.000203538
cg26191923	HIST1H2BE	0.000240171
cg27415552	HIST1H2BE	0.000304637
cg07997936	HIST1H2BE	0.00150596
cg12169977	HIST1H2BE	0.0169799
cg25329267	HIST1H2BE	0.0290271
cg05148722	HIST1H2BF;HIST1H3D;HIST1H2AD	0.0233258
cg08228366	HIST1H2BF;HIST1H3D;HIST1H2AD;HIST1H3D	6.70E-05
cg15080119	HIST1H2BH;HIST1H2BH;HIST1H3F	0.00684822
cg05457344	HIST1H2BH;HIST1H3F	0.00191123
cg27525614	HIST1H2BH;HIST1H3F	0.00784533
cg15386964	HIST1H2BH;HIST1H3F	0.0273053
cg02192855	HIST1H2BI	2.30E-05
cg18465515	HIST1H2BI	3.71E-05
cg03758514	HIST1H2BI	4.92E-05
cg19851715	HIST1H2BI	5.21E-05
cg14064694	HIST1H2BI	0.000727379
cg12003026	HIST1H2BI	0.00162806
cg03209557	HIST1H2BI;HIST1H2BI	0.00350369
cg04424621	HIST1H2BJ	0.0125197
cg02704907	HIST1H2BK	1.83E-05
cg11179081	HIST1H2BK	0.00190222
cg22272282	HIST1H2BK	0.0051838
cg26190890	HIST1H2BK	0.0114459
cg23155468	HIST1H2BK	0.014125
cg01804925	HIST1H2BK	0.027563
cg11886286	HIST1H2BK;HIST1H2AH	0.00983337
cg21201844	HIST1H2BK;HIST1H2AH	0.0463388
cg20338307	HIST1H2BK;HIST1H2BK;HIST1H2AH	0.0133505
cg21777095	HIST1H2BK;HIST1H4I	0.00143395
cg16991515	HIST1H2BK;HIST1H4I	0.0150758
cg21269897	HIST1H2BK;HIST1H4I	0.0229219
cg04987614	HIST1H2BN	0.0179465
cg19052036	HIST1H2BN;HIST1H2AK	0.000369905
cg19453769	HIST1H2BN;HIST1H2AK	0.00831519
cg03639603	HIST1H2BN;HIST1H2AK	0.0122761
cg19514765	HIST1H2BN;HIST1H2AK;HIST1H2AK	7.35E-05
cg16914272	HIST1H2BN;HIST1H2AK;HIST1H2BN	0.0114068
cg01452110	HIST1H3A	0.0160462
cg26504026	HIST1H3A;HIST1H4A	0.00926648
cg08797106	HIST1H3A;HIST1H4A	0.0471584
cg18911592	HIST1H3A;HIST1H4A;HIST1H3A	0.0171369
cg25701114	HIST1H3B	4.26E-06
cg10075390	HIST1H3B	0.000641589
cg21209604	HIST1H3B	0.00589027
cg15479139	HIST1H3B	0.007844
cg08401836	HIST1H3B	0.033005
cg08041469	HIST1H3B	0.0483051
cg22630160	HIST1H3B;HIST1H2AB	0.00199292
cg16248045	HIST1H3B;HIST1H2AB	0.00927933
cg11760700	HIST1H3B;HIST1H2AB	0.0304775
cg07636178	HIST1H3C	0.00161338
cg25438963	HIST1H3C	0.00295064
cg17432453	HIST1H3C	0.0170616
cg06895349	HIST1H3D	0.000101375
cg23601095	HIST1H3D	0.00182515
cg23407396	HIST1H3D	0.0051646
cg11245443	HIST1H3D;HIST1H2BF;HIST1H2AD	0.0125231
cg05493094	HIST1H3D;HIST1H2BF;HIST1H2AD	0.0457492
cg14989642	HIST1H3E	0.0046567
cg14543412	HIST1H3E	0.0101454
cg01840333	HIST1H3E	0.0282845
cg07922606	HIST1H3E	0.0327837
cg02909790	HIST1H3G	4.72E-07
cg24066601	HIST1H3G	0.000196267
cg24955592	HIST1H3G	0.00215953
cg23944005	HIST1H3G	0.0235473
cg21281951	HIST1H3G;HIST1H2BI	5.61E-07
cg00036011	HIST1H3G;HIST1H2BI	7.34E-07
cg23282585	HIST1H3G;HIST1H2BI	1.12E-06
cg14273822	HIST1H3G;HIST1H2BI	6.07E-06
cg04271801	HIST1H3G;HIST1H2BI	1.58E-05
cg23233200	HIST1H3G;HIST1H2BI	1.93E-05
cg11731890	HIST1H3G;HIST1H2BI	3.96E-05
cg14696535	HIST1H3G;HIST1H2BI	0.000159902
cg01563704	HIST1H3G;HIST1H2BI	0.00398357
cg21209113	HIST1H3G;HIST1H2BI	0.00832144
cg10570941	HIST1H3G;HIST1H2BI	0.0192581
cg04704193	HIST1H3G;HIST1H2BI	0.0276693
cg02481934	HIST1H3G;HIST1H3G	0.000666433
cg00247599	HIST1H3H	0.00844088
cg07178031	HIST1H3H	0.0180272
cg01330280	HIST1H3H;HIST1H2BL	0.0296979
cg05511483	HIST1H3I	0.0172197
cg25529393	HIST1H3J	0.000123911
cg23504411	HIST1H3J	0.00622019
cg12629515	HIST1H3J;HIST1H2BO	0.00300643
cg24345247	HIST1H4A	0.00517531
cg18357526	HIST1H4A	0.00785466
cg21029201	HIST1H4A	0.0102436
cg15945016	HIST1H4A;HIST1H3A	0.000342516
cg09305770	HIST1H4A;HIST1H3A	0.00742518
cg07109238	HIST1H4A;HIST1H3A	0.0134451
cg13337238	HIST1H4A;HIST1H3A	0.019759
cg04021557	HIST1H4B	1.73E-05
cg00200164	HIST1H4B	0.00123012
cg15336091	HIST1H4B	0.0036077
cg19271133	HIST1H4B	0.0254908
cg11190156	HIST1H4C	0.00720297
cg03376565	HIST1H4C	0.00868201
cg15855450	HIST1H4C	0.0260046
cg12089985	HIST1H4C	0.0420602
cg19884345	HIST1H4D	6.98E-07
cg16898833	HIST1H4D	5.87E-06
cg13837913	HIST1H4D	8.26E-05
cg21026663	HIST1H4D	0.000171662
cg27326642	HIST1H4D	0.000254857
cg12315302	HIST1H4D	0.00030457
cg06035815	HIST1H4D	0.000450673
cg14611398	HIST1H4D	0.000598321
cg01621034	HIST1H4D	0.00610352
cg08170869	HIST1H4D;HIST1H4D	4.02E-05
cg17123534	HIST1H4E	0.00195135
cg16706631	HIST1H4E	0.0092051

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00609645	HIST1H4E	0.0427081	0.00432175	0.645415	-1.54939	0.143698	0.834995	-1.19761	0.158702	0.841198	-1.18878	0.795512	0.970629	-1.03026	0.156475	0.840309	-1.19004
cg16282993	HIST1H4E	0.0450438	0.637272	1.04953	1.04953	0.0144724	1.35893	1.35893	0.385612	1.09476	1.09476	0.126389	1.1833	1.1833	0.0321638	0.774594	-1.291
cg08762273	HIST1H4G	2.40E-05	0.190443	0.859723	-1.16316	0.000514215	0.553786	-1.80575	0.000882897	0.580832	-1.72167	0.946165	0.992666	-1.00739	4.23E-06	0.313754	-3.18721
cg23890204	HIST1H4G	0.000262478	0.301407	0.818521	-1.22172	0.0798673	1.43836	1.43836	0.454067	1.1533	1.1533	0.54576	0.891944	-1.12115	1.43E-05	0.18447	-5.42092
cg15475285	HIST1H4G	0.015024	0.67125	1.06589	1.06589	0.0520508	0.718693	-1.39141	0.0545059	0.721774	-1.38547	0.4296	1.12807	1.12807	0.00167584	0.510933	-1.9572
cg01518846	HIST1H4G	0.0180217	0.0729403	0.728384	-1.3729	0.240944	0.823239	-1.21471	0.0959068	0.74845	-1.33609	0.145099	0.780413	-1.28137	0.208594	0.810553	-1.23373
cg23540745	HIST1H4G	0.037297	0.589868	1.10771	1.10771	0.469861	1.14822	1.14822	0.0108554	0.548108	-1.82446	0.361237	1.19295	1.19295	0.201772	1.28838	1.28838
cg16800785	HIST1H4G	0.0497903	0.381178	0.86488	-1.15623	0.447279	0.882337	-1.13335	0.0349095	1.4878	1.4878	0.133263	0.769701	-1.29921	0.0979934	0.74576	-1.34091
cg15882809	HIST1H4H	0.0147812	0.000190033	0.101094	-9.89175	0.0995835	0.518116	-1.93007	0.228223	0.630818	-1.58524	0.0852984	0.50006	-1.99976	0.659257	0.850734	-1.17546
cg19338277	HIST1H4H;HIST1H4H	0.0357802	0.240444	1.28611	1.28611	0.00766436	2.01713	2.01713	0.0268671	1.71046	1.71046	0.032694	0.599496	-1.66807	0.763586	0.94011	-1.06371
cg05657416	HIST1H4I	0.0141662	0.89114	1.03569	1.03569	0.0570521	0.576149	-1.73566	0.00757275	0.4149	-2.41022	0.149042	1.48627	1.48627	0.140674	1.50056	1.50056
cg21504815	HIST1H4J	1.41E-05	0.786621	0.94733	-1.0556	0.419934	0.848467	-1.1786	0.190444	0.758442	-1.31849	0.894514	1.02681	1.02681	0.762769	0.941418	-1.06223
cg23222745	HIST1H4J	4.46E-05	0.590089	0.920702	-1.08613	0.36451	0.868006	-1.15207	0.689301	0.940774	-1.06295	0.867471	0.974948	-1.0257	0.901172	0.981304	-1.01905
cg25335190	HIST1H4J	0.000362358	0.753806	0.944773	-1.05846	0.993908	0.998622	-1.00138	0.602757	1.09945	1.09945	0.82931	0.961765	-1.03976	0.768191	0.948029	-1.05482
cg06843320	HIST1H4J	0.00183655	0.190124	0.691873	-1.44535	0.49284	1.20308	1.20308	0.974394	0.991516	-1.00856	0.512043	0.838178	-1.19306	0.145505	0.660411	-1.51421
cg11351522	HIST1H4J	0.00183742	0.0159408	2.34983	2.34983	0.000813395	4.31239	4.31239	0.0436997	1.95659	1.95659	0.0565344	1.86808	1.86808	0.156118	1.55148	1.55148
cg17221315	HIST1H4J	0.00499395	0.922165	1.03731	1.03731	0.410127	1.37121	1.37121	0.523521	1.27418	1.27418	0.573428	1.23765	1.23765	0.473549	0.760941	-1.31416
cg19183932	HIST1H4J	0.0210821	0.60091	0.858347	-1.16503	0.0326828	2.06128	2.06128	0.559927	0.843159	-1.18602	0.698191	1.11937	1.11937	0.737505	0.907239	-1.10224
cg02773756	HIST1H4K	1.57E-08	0.961944	1.00213	1.00213	0.794151	1.01173	1.01173	0.0352752	1.11851	1.11851	0.961654	1.00215	1.00215	0.0393112	0.896906	-1.11494
cg26075208	HIST1H4K	1.32E-05	0.0418117	0.534362	-1.87139	0.0129308	0.438596	-2.28	0.606764	0.870507	-1.14876	0.764224	1.08367	1.08367	0.196587	1.44009	1.44009
cg10608333	HIST1H4K	1.47E-05	0.731396	0.950091	-1.05253	0.15763	0.798914	-1.2517	0.468664	0.896239	-1.11577	0.537002	0.911301	-1.09733	0.995711	1.0008	1.0008
cg23730575	HIST1H4K	3.22E-05	0.141651	0.705906	-1.41662	0.332651	1.24639	1.24639	0.944881	0.984878	-1.01535	0.106098	0.67776	-1.47545	0.963038	1.01027	1.01027
cg20633818	HIST1H4K	5.57E-05	0.59952	0.886855	-1.12758	0.362269	0.808795	-1.23641	0.395904	0.821169	-1.21778	0.613543	0.891005	-1.12233	0.807412	0.946158	-1.05691
cg25863503	HIST1H4K	0.000191376	0.360114	1.1703	1.1703	0.907337	0.980726	-1.01965	0.714539	1.06333	1.06333	0.386089	1.16011	1.16011	0.351661	1.17376	1.17376
cg11744777	HIST1H4K	0.00036969	0.891307	1.04417	1.04417	0.311977	0.718448	-1.39189	0.390223	0.757044	-1.32093	0.394921	0.759229	-1.31713	0.326818	0.726134	-1.37716
cg15842431	HIST1H4K	0.0319508	0.92653	1.01869	1.01869	0.0630583	0.657226	-1.52155	0.00200406	0.416696	-2.39983	0.871215	1.0331	1.0331	0.666871	0.916741	-1.09082
cg01247537	HIST1H4L	0.0185346	0.770051	0.913811	-1.09432	0.677091	1.13744	1.13744	0.92767	1.02831	1.02831	0.0171558	0.409357	-2.44286	0.12162	0.596881	-1.67537
cg10536916	HIST1H4L	0.0322854	0.0711391	0.55413	-1.80463	0.693378	0.890428	-1.12306	0.687199	1.12586	1.12586	0.228015	0.69034	-1.44856	0.00486332	0.335068	-2.98447
cg25479916	HIST1H4L;HIST1H3I	0.000654991	0.0144092	0.360699	-2.7724	0.367275	1.36772	1.36772	0.000110887	9.96518	9.96518	0.671768	0.865798	-1.155	0.0814048	0.520434	-1.92147
cg07991112	HIST1H4L;HIST1H3I	0.00175741	0.116142	0.430618	-2.32224	0.236568	1.84399	1.84399	0.000427498	15.664	15.664	0.00383248	0.146121	-6.84362	0.0940473	0.403168	-2.48035
cg05990544	HIST1H4L;HIST1H3I	0.00444381	0.262863	0.533497	-1.87442	0.745823	1.19132	1.19132	0.000660026	16.5719	16.5719	0.272279	0.540612	-1.84975	0.0904262	0.366339	-2.72971
cg25845597	HIST1H4L;HIST1H3I	0.00876502	0.533376	0.736773	-1.35727	0.234034	1.82961	1.82961	0.000940973	10.9036	10.9036	0.5354	1.35517	1.35517	0.349281	0.627149	-1.59452
cg16138458	HIST1H4L;HIST1H3I	0.0150367	0.0415414	0.379887	-2.63236	0.458317	1.36481	1.36481	0.0120985	3.62697	3.62697	0.359602	0.678466	-1.47391	0.309145	0.648257	-1.5426
cg06323023	HIST1H4L;HIST1H3I	0.0162854	0.0890322	0.378122	-2.64465	0.220552	1.9501	1.9501	0.00473677	6.99663	6.99663	0.531459	0.719857	-1.38917	0.143569	0.442651	-2.25912
cg25485294	HIST1H4L;HIST1H3I	0.0190477	0.155048	0.407629	-2.45321	0.527955	1.45804	1.45804	0.00450816	9.32245	9.32245	0.490444	0.661606	-1.51147	0.202635	0.452386	-2.2105
cg06005695	HIST1H4L;HIST1H3I	0.0457813	0.115815	0.477927	-2.09237	0.489003	1.35471	1.35471	0.0156796	3.59419	3.59419	0.40687	0.693174	-1.44264	0.258934	0.60126	-1.66317
cg11992375	HIST1H4L;HIST1H3I;HIST1H4L	0.00718951	0.312355	0.64356	-1.55386	0.351074	0.667144	-1.49893	0.00056335	9.53034	9.53034	0.435762	0.715101	-1.3984	0.0388202	0.364628	-2.74252
cg21461470	HIST2H2AA4;HIST2H2AA3	0.000790291	0.00213383	0.16804	-5.95097	0.101942	2.09586	2.09586	0.362561	0.679219	-1.47228	0.00287602	0.183658	-5.4449	0.00174179	0.157983	-6.32981
cg07572052	HIST2H2AA4;HIST2H2AA3	0.00514318	0.00143432	0.159859	-6.2555	0.979198	0.989683	-1.01042	0.345924	0.679716	-1.4712	0.0302485	0.363012	-2.75473	0.00297906	0.197741	-5.05713
cg17271592	HIST2H2AA4;HIST2H2AA3	0.0105863	0.0789069	0.852868	-1.17251	0.00399624	1.37105	1.37105	0.595638	0.957252	-1.04466	0.382548	0.929559	-1.07578	0.803865	1.0205	1.0205
cg05950212	HIST2H2AB	2.95E-05	0.303126	0.880412	-1.13583	1.21E-06	0.223711	-4.47004	0.44818	0.911832	-1.09669	0.0192926	1.40206	1.40206	3.71E-05	0.387924	-2.57783
cg08934443	HIST2H2AB	0.00506181	0.802347	1.04956	1.04956	0.0236851	1.68358	1.68358	0.168119	1.32752	1.32752	0.000233431	0.308118	-3.24551	0.0376818	0.628146	-1.59199
cg07807709	HIST2H2AB	0.0384178	0.370267	1.15439	1.15439	0.0071787	1.71873	1.71873	0.0207303	1.54424	1.54424	0.512391	0.901515	-1.10924	0.525072	1.10572	1.10572
cg09169269	HIST2H2AB;HIST2H2BE	0.000977538	0.000761607	0.360769	-2.77186	0.0874243	1.45807	1.45807	0.00533861	2.08231	2.08231	0.000298102	0.308365	-3.24291	0.0452227	0.631816	-1.58274
cg24070847	HIST2H2AC;HIST2H2BE	0.0288578	0.29256	1.15622	1.15622	0.00410384	1.66835	1.66835	0.0375654	1.37812	1.37812	0.0456574	1.35609	1.35609	0.243594	1.17608	1.17608
cg20461538	HIST2H2AC;HIST2H2BE	0.0417968	0.990104	0.99736	-1.00265	0.312937	0.800503	-1.24921	0.270588	1.27704	1.27704	0.000850947	0.34345	-2.91164	0.647145	1.10324	1.10324
cg13688123	HIST2H2BA	0.00139071	0.850118	0.926473	-1.07936	0.000248595	11.4879	11.4879	0.0347343	2.70116	2.70116	0.111107	2.01516	2.01516	0.411062	0.712241	-1.40402
cg08461781	HIST2H2BA	0.00251007	0.0169284	0.689689	-1.44993	0.00578924	1.58573	1.58573	0.674577	1.05533	1.05533	0.000136317	0.430899	-2.32073	0.615638	0.937483	-1.06669
cg05659741	HIST2H2BA	0.0222097	0.1396	2.08648	2.08648	0.0061624	5.22273	5.22273	0.0131609	4.14639	4.14639	0.0468838	2.86489	2.86489	0.35554	1.55222	1.55222
ch.1.2799699R	HIST2H2BA	0.0242248	0.304073	0.904551	-1.10552	0.924453	1.00898	1.00898	0.360663	0.915242	-1.09261	0.0140718	0.751508	-1.33066	0.315962	1.10265	1.10265
cg04080517	HIST2H2BA	0.0316511	0.368431	1.3408	1.3408	0.00733898	2.99559	2.99559	0.170724	1.58898	1.58898	0.63141	1.16584	1.16584	0.686669	1.13739	1.13739
cg06828770	HIST2H2BE;HIST2H2AC;HIST2H2BE	0.0011758	0.000386592	0.645848	-1.54835	0.190832	1.11289	1.11289	0.187884	0.897841	-1.11378	0.774091	1.02247	1.02247	0.000992051	0.685368	-1.45907
cg04140924	HIST2H2BE;HIST2H2AC;HIST2H2BE	0.00634249	0.907226	0.966014	-1.03518	0.00144673	3.91659	3.91659	0.0289268	2.14657	2.14657	0.496148	1.22746	1.22746	0.00163496	0.262366	-3.81147
cg08169409	HIST2H2BE;HIST2H2BE	0.0208473	0.35742	0.885615	-1.12916	0.00868123	1.53619	1.53619	0.823631	0.971757	-1.02906	0.0290418	0.71875	-1.3913	0.031628	0.723679	-1.38183
cg17313031	HIST2H2BF	8.02E-05	0.851572	0.979481	-1.02095	5.56E-06	3.11121	3.11121	0.0194353	1.36714	1.36714	0.945064	1.00766	1.00766	0.458912	1.08705	1.08705
cg14497172	HIST2H2BF	0.000142057	0.513272	1.20262	1.20262	5.30E-05	8.17113	8.17113	0.0190673	2.20264	2.20264	0.112333	1.61782	1.61782	0.0335193	0.500997	-1.99602
cg15157455	HIST2H2BF	0.00751243	0.41793	0.793555	-1.26015	0.0236958	2.12631	2.12631	0.363324	0.770294	-1.29821	0.362032	0.769722	-1.29917	0.504368	0.827574	-1.20835
cg17855428	HIST2H2BF	0.00782923	0.0888404	1.20014	1.20014	0.255463	1.12232	1.12232	0.356706	0.911973	-1.09652	0.988191	0.998562	-1.00144	0.644856	1.04615	1.04615
cg13962321	HIST2H2BF	0.0184696	0.133126	1.7223	1.7223	0.00225393	4.19736	4.19736	0.00995406	2.98089	2.98089	0.0349699	2.28071	2.28071	0.325951	1.40538	1.40538
cg23782591	HIST2H2BF;HIST2H2BF	6.72E-05	0.0705798	0.847124	-1.18047	1.34E-05	2.11385	2.11385	0.72284	0.971185	-1.02967	0.643149	0.962419	-1.03905	0.785553	0.977857	-1.02264
cg04888113	HIST2H2BF;HIST2H2BF	0.00158777	0.768805	1.06577	1.06577	0.000123689	4.24892	4.24892	0.0701475	1.54886	1.54886	0.0155199	1.89932	1.89932	0.444769	1.18335	1.18335
cg10380289	HIST2H2BF;HIST2H2BF	0.00507793	0.104997	1.814	1.814	0.00200465	4.3315	4.3315	0.00309638	3.89881	3.89881	0.0105601	2.94861	2.94861	0.416393	1.3221	1.3221
cg12769994	HIST2H2BF;HIST2H2BF	0.0324447	0.602234	0.859564	-1.16338	0.0118373	2.47039	2.47039	0.295992	1.36597	1.36597	0.228705	1.43843	1.43843	0.538068	0.835755	-1.19652
cg08636083	HIST2H2BF;HIST2H3D;HIST2H2BF	0.00366468	0.150156	0.73991	-1.35152	0.00268136	2.24879	2.24879	0.169753	0.751568	-1.33055	0.92271	1.01913	1.01913	0.853109	1.03686	1.03686
cg00428476	HIST2H2BF;HIST2H3D;HIST2H2BF	0.0285048	0.029966	2.55704	2.55704	0.23219	1.58515	1.58515	0.0975814	1.95101	1.95101	0.0738316	2.08055	2.08055	0.0421523	2.36494	2.36494
cg17660655	HIST3H2A	0.000361333	0.00150315	0.694696	-1.43948	0.00222394	0.710895	-1.40668	0.00537441	0.746841	-1.33897	0.00226031	0.711562	-1.40536	0.000114354	0.583251	-1.71453
cg14541950	HIST3H2A;HIST3H2BB	0.00526748	0.0621541	0.833999	-1.19904	0.134237	0.869704	-1.14982	0.00388242	0.714499	-1.39958	0.323156	0.915563	-1.09222	0.0180351	1.2819	1.2819
cg00143998	HIST3H2A;HIST3H2BB	0.00907564	0.542699	0.919904	-1.08707	0.370435	1.13271	1.13271	0.0304658	1.41139	1.41139	0.161916	1.22428	1.22428	0.018309	1.47395	1.47395
cg14024461	HIST3H2A;HIST3H2BB	0.0158156	0.383099	0.519417	-1.92523	0.943947	1.05285	1.05285	0.370306	1.96166	1.96166	0.0639151	0.217583	-4.59594	0.0301057	0.154433	-6.47532
cg21401647	HIST3H2A;HIST3H2BB	0.0330196	0.229928	0.825081	-1.212	0.420094	0.881846	-1.13398	0.0234841	1.51146	1.51146	0.114452	0.769462	-1.29961	0.386818	1.145	1.145
cg06893138	HIST3H2BB;HIST3H2A	0.00722439	0.00251746	0.511506	-1.95501	0.889501	0.978031	-1.02246	0.0012326	2.12764	2.12764	0.785857	1.04448	1.04448	0.92556	0.985177	-1.01505
cg08639523	HIST3H2BB;HIST3H2A;HIST3H2A	0.00150401	0.000223454	0.592192	-1.68864	0.977216	1.00244	1.00244	0.00270205	1.424	1.424	0.482715	0.940969	-1.06273	0.0224518	0.791986	-1.26265
cg13111733	HIST3H2BB;HIST3H2A;HIST3H2BB	0.007746	0.402431	0.823721	-1.214	0.412837	0.827394	-1.20861	0.00148376	0.354372	-2.82189	0.0517753	0.60598	-1.65022	0.701619	0.916567	-1.09103
cg04103490	HIST3H3	4.35E-06	1.50E-06	0.249109	-4.0143	0.986676	1.00191	1.00191	0.289015	0.882014	-1.13377	0.524616	1.07632	1.07632	2.06E-06	0.263609	-3.7935
cg01006332	HIST3H3	5.51E-05	0.00124287	0.63738	-1.56892	0.0439885	0.801767	-1.24725	2.90E-05	0.456863	-2.18884	0.455636	0.930036	-1.07523	0.0307262	0.784861	-1.27411
cg26784527	HIST3H3	0.00015789	6.06E-06	0.253406	-3.94624	0.267749	1.16918	1.16918	0.000736232	0.499402	-2.0024	0.0663528	0.75669	-1.32154	0.0410737	0.726769	-1.37595
cg09802627	HIST3H3	0.00116247	0.188766	0.550319	-1.81713	0.405405	0.694102	-1.44071	0.00257892	0.166613	-6.00193	0.588394	0.791073	-1.26411	0.00185541	0.150338	-6.65169
cg21430666	HIST3H3	0.00139684	0.161893	0.780238	-1.28166	0.351637	0.85277	-1.17265	0.00277522	0.50387	-1.98464	0.609129	1.08946	1.08946	0.00107227	0.448054	-2.23187
cg24152390	HIST3H3	0.00805124	0.206229	0.875683	-1.14197	0.57455	0.945092	-1.0581	0.704024	1.03873	1.03873	0.88484	0.985674	-1.01453	0.000189561	0.534421	-1.87119
cg11412256	HIST3H3	0.0113133	0.117265	1.26708	1.26708	0.298741	0.860838	-1.16166	0.475918	1.10612	1.10612	0.259505	0.849036	-1.17781	0.580873	0.925349	-1.08067
cg16251579	HIST3H3	0.0475554	0.135821	0.264175	-3.78536	0.089465	0.212116	-4.7144	0.0317578	0.124352	-8.0417	0.0694642	0.186064	-5.37449	0.0151128	0.0843867	-11.8502
cg18935391	HIST3H3;HIST3H3	0.0218821	0.239877	0.839771	-1.1908	0.913714	0.984737	-1.0155	0.0138538	0.649513	-1.53961	0.0465376	0.723631	-1.38192	0.652144	0.937639	-1.06651
cg24405537	HIST4H4	0.00139119	0.220139	1.28724	1.28724	1.34E-05	5.95955	5.95955	0.64958	1.09372	1.09372	0.429433	1.17114	1.17114	0.551097	0.888589	-1.12538
cg20498043	HIST4H4	0.00150391	0.200102	1.22965	1.22965	1.93E-05	3.76059	3.76059	0.940016	0.988571	-1.01156	0.101102	1.31551	1.31551	0.132294	0.78029	-1.28158
cg18776463	HIST4H4;HIST4H4	0.00120755	0.493157	1.15031	1.15031	1.39E-05	6.20429	6.20429	0.0805184	0.677044	-1.47701	0.816782	1.0478	1.0478	0.0840419	1.46906	1.46906
cg11378619	HIVEP1	1.88E-05	0.869376	1.0268	1.0268	0.00303626	1.92046	1.92046	0.0835191	0.735079	-1.3604	7.85E-05	0.317404	-3.15056	0.0525005	0.701702	-1.42511
cg11276388	HIVEP1	0.00624399	0.242242	1.33659	1.33659	0.00126131	0.32765	-3.05204	0.00247832	0.368935	-2.71051	0.139249	1.45822	1.45822	0.987324	1.00377	1.00377
cg20544562	HIVEP1	0.0090787	0.0212169	0.64241	-1.55664	0.583949	1.09237	1.09237	0.309686	1.18287	1.18287	0.952082	0.990446	-1.00965	0.641483	1.07779	1.07779
cg17804551	HIVEP1	0.0140002	0.0202236	0.306855	-3.25887	0.0512049	0.39193	-2.55148	0.0215755	0.312186	-3.20321	0.74165	0.869735	-1.14977	0.00214089	0.162132	-6.16783
cg19268652	HIVEP1	0.0159776	0.00265633	0.166138	-6.01909	0.010891	0.251494	-3.97623	0.222836	0.575138	-1.73871	0.662971	0.827488	-1.20848	0.00594601	0.211555	-4.72691
cg06817534	HIVEP1	0.024408	0.620304	0.927015	-1.07873	0.0504213	1.40267	1.40267	0.0220035	1.51721	1.51721	0.148363	1.26525	1.26525	0.0140721	1.58403	1.58403
cg10792727	HIVEP1	0.0269186	0.403662	0.890543	-1.12291	0.00574206	1.6342	1.6342	0.158723	1.22674	1.22674	0.01671	0.672811	-1.4863	0.565602	1.08197	1.08197
cg21091932	HIVEP1	0.0309942	0.6036	0.933799	-1.07089	0.0432348	0.737822	-1.35534	0.0455072	0.740898	-1.34971	0.46263	1.1027	1.1027	0.743177	1.04393	1.04393
cg26685339	HIVEP1	0.0349861	0.00171172	0.546359	-1.8303	0.556608	1.08359	1.08359	0.948679	0.991347	-1.00873	0.397669	1.12403	1.12403	0.140338	0.80721	-1.23883
cg10577216	HIVEP2	0.000307453	0.000852586	0.346282	-2.88782	0.125026	0.70371	-1.42104	0.00560575	0.46319	-2.15894	0.0115698	0.512662	-1.9506	0.0121631	0.516184	-1.93729
cg19160555	HIVEP2	0.00166829	0.119412	0.857262	-1.16651	0.0130841	1.32382	1.32382	0.771869	1.02685	1.02685	0.90821	1.01057	1.01057	0.225387	1.12304	1.12304
cg20743720	HIVEP2	0.00200487	0.191906	0.831345	-1.20287	0.626952	0.936609	-1.06768	0.190465	0.830788	-1.20368	0.0109577	0.65254	-1.53247	0.380559	1.1278	1.1278
cg17717866	HIVEP2	0.00566502	0.0315989	0.554155	-1.80455	0.767153	0.932817	-1.07202	0.0193638	0.515658	-1.93927	0.554207	0.869246	-1.15042	0.000233986	0.23953	-4.17484
cg10369203	HIVEP2	0.0064921	0.0375611	1.96965	1.96965	0.00248489	0.306889	-3.25851	0.978701	1.00753	1.00753	0.0266041	2.09238	2.09238	0.0132643	2.36849	2.36849
cg06773553	HIVEP2	0.0189637	0.544945	1.07233	1.07233	0.00613939	1.50308	1.50308	0.00904159	1.45963	1.45963	0.621876	1.0583	1.0583	0.0848735	1.24256	1.24256
cg06836726	HIVEP2	0.0211127	0.463177	0.82537	-1.21158	0.00151197	0.308966	-3.2366	0.0605142	0.580441	-1.72283	0.15104	0.673358	-1.48509	0.0547806	0.571286	-1.75044
cg00109300	HIVEP2	0.0222412	0.770691	1.17772	1.17772	0.125175	2.53191	2.53191	0.511914	1.45109	1.45109	0.00987157	0.16122	-6.20272	0.766128	0.846238	-1.1817
cg22858308	HIVEP2	0.0362838	0.82308	1.06347	1.06347	0.00362418	2.95023	2.95023	0.983982	1.00553	1.00553	0.763424	1.08649	1.08649	0.00731497	0.386607	-2.5866
cg05786041	HIVEP2	0.041999	0.488653	0.820731	-1.21843	0.803126	1.07267	1.07267	0.0190734	2.21852	2.21852	0.0444644	0.523011	-1.91201	0.156893	0.65364	-1.52989
cg27209679	HIVEP2	0.0449511	0.0296605	0.421952	-2.36994	0.278304	1.46227	1.46227	0.818828	0.92558	-1.0804	0.777432	1.10023	1.10023	0.0101663	0.335351	-2.98195
cg01833771	HIVEP2	0.0490131	0.168563	0.815594	-1.2261	0.0692898	1.32624	1.32624	0.871356	1.02277	1.02277	0.0222904	0.683489	-1.46308	0.98938	0.998153	-1.00185
cg20486294	HIVEP2;HIVEP2	0.0109144	0.623819	1.15126	1.15126	0.00471216	0.220768	-4.52964	0.151725	1.5992	1.5992	?	?	?	0.00217125	6.44457	6.44457
cg20149359	HIVEP3;HIVEP3	0.000352233	0.0016512	0.280376	-3.56664	0.000467573	0.211612	-4.72564	0.00207476	0.29404	-3.4009	0.0124602	0.415663	-2.40579	4.59E-05	0.113718	-8.7937
cg02331143	HIVEP3;HIVEP3	0.000888361	0.81535	0.950251	-1.05235	0.129556	1.42939	1.42939	0.771024	1.06573	1.06573	0.0698789	1.55605	1.55605	0.0848295	0.659863	-1.51547
cg04564461	HIVEP3;HIVEP3	0.00171994	0.3259	0.745871	-1.34071	0.0142304	2.39669	2.39669	0.0228671	2.19695	2.19695	0.263942	1.40017	1.40017	8.94E-05	0.13176	-7.58958
cg15452381	HIVEP3;HIVEP3	0.00188523	0.00642411	0.392347	-2.54877	0.0510547	0.556291	-1.79762	0.016021	0.459284	-2.1773	0.0016928	0.306107	-3.26683	0.00015662	0.181298	-5.51579
cg19637387	HIVEP3;HIVEP3	0.00243732	0.1657	0.80005	-1.24992	0.646722	1.07212	1.07212	0.000182015	2.59929	2.59929	0.620405	0.92743	-1.07825	0.183595	0.808245	-1.23725
cg09501963	HIVEP3;HIVEP3	0.00263163	0.0910968	0.65967	-1.51591	0.00528098	0.43954	-2.27511	0.215924	0.747429	-1.33792	0.0135177	0.50493	-1.98047	7.01E-05	0.197425	-5.06521
cg18938696	HIVEP3;HIVEP3	0.00286651	0.0524583	0.804517	-1.24298	0.01777	0.752551	-1.32881	0.00989632	0.725101	-1.37912	0.985583	0.998219	-1.00178	0.703324	0.962963	-1.03846
cg08915922	HIVEP3;HIVEP3	0.00324024	0.025577	0.849074	-1.17775	0.46602	0.955275	-1.04682	0.490399	0.957711	-1.04416	0.00246735	0.77132	-1.29648	0.844296	0.987945	-1.0122
cg11424962	HIVEP3;HIVEP3	0.00606346	0.182491	1.10435	1.10435	0.0362919	0.843023	-1.18621	0.0388523	0.845534	-1.18268	0.143495	0.895587	-1.11659	0.149054	0.897134	-1.11466
cg21415643	HIVEP3;HIVEP3	0.00629751	?	?	?	0.700507	0.894078	-1.11847	0.286982	1.37753	1.37753	0.714775	1.11219	1.11219	0.377766	0.769378	-1.29975
cg15209769	HIVEP3;HIVEP3	0.00907476	0.412622	0.82051	-1.21875	0.598094	0.881937	-1.13387	0.304958	0.778107	-1.28517	0.669743	0.903638	-1.10664	0.000291685	0.247894	-4.03398
cg24351658	HIVEP3;HIVEP3	0.0113692	0.219917	0.711572	-1.40534	0.0670894	0.581931	-1.71842	0.000644416	0.25127	-3.97979	0.371955	0.7852	-1.27356	0.0118679	0.436679	-2.29001
cg15937073	HIVEP3;HIVEP3	0.0144449	0.0506786	1.62543	1.62543	0.84917	1.04241	1.04241	0.00136106	2.75736	2.75736	0.0041379	2.31348	2.31348	0.295634	1.26693	1.26693
cg22381248	HIVEP3;HIVEP3	0.0200975	0.0320317	0.185317	-5.39615	0.700431	1.29619	1.29619	0.329391	0.508904	-1.96501	0.0426655	0.208878	-4.78749	0.194657	0.39825	-2.51099
cg21681327	HIVEP3;HIVEP3	0.0308649	0.32192	0.896392	-1.11558	0.0150609	0.726622	-1.37623	0.191884	1.15913	1.15913	0.309486	0.893669	-1.11898	0.864734	1.01839	1.01839
cg04490934	HIVEP3;HIVEP3	0.036121	0.574267	1.09971	1.09971	0.408852	1.15194	1.15194	0.341976	1.17816	1.17816	0.00778619	1.77206	1.77206	0.446552	0.878169	-1.13873
cg12034678	HIVEP3;HIVEP3	0.0437196	0.346175	0.480761	-2.08003	0.971579	0.973462	-1.02726	0.0179838	8.75977	8.75977	0.0148401	0.10408	-9.60798	?	?	?
cg11177980	HIVEP3;HIVEP3	0.0478229	0.489126	1.34623	1.34623	0.0367997	2.79057	2.79057	0.0211189	3.23255	3.23255	0.35997	1.48916	1.48916	0.302346	0.636301	-1.57158
cg26038582	HIVEP3;HIVEP3;HIVEP3;HIVEP3	0.00257266	0.432801	1.27328	1.27328	0.449985	1.26154	1.26154	8.24E-05	8.50597	8.50597	0.00402065	3.21038	3.21038	0.778241	0.918319	-1.08895
cg25607920	HIVEP3;HIVEP3;HIVEP3;HIVEP3	0.0135597	0.154822	1.55659	1.55659	0.0099134	2.5773	2.5773	0.284173	1.38171	1.38171	0.0135251	2.43088	2.43088	0.675198	0.884735	-1.13028
cg03884592	HIVEP3;HIVEP3;HIVEP3;HIVEP3	0.0162426	0.690259	1.11497	1.11497	0.639107	0.879564	-1.13693	0.000558723	4.28147	4.28147	0.0233955	2.08736	2.08736	0.258682	1.37739	1.37739
cg17084697	HJURP	7.37E-05	0.113806	0.825186	-1.21185	8.89E-07	0.232916	-4.2934	0.01992	0.730651	-1.36864	0.495089	1.08044	1.08044	0.211954	0.863426	-1.15818
cg05734866	HJURP	0.00437179	0.0122836	0.625635	-1.59838	0.0281919	1.4766	1.4766	0.811453	1.03659	1.03659	0.405749	0.879928	-1.13646	0.105586	0.766533	-1.30458
cg24074913	HJURP	0.0158229	0.0272411	1.65648	1.65648	0.0146815	0.559793	-1.78638	0.0256329	0.599261	-1.66872	0.177212	1.31917	1.31917	0.0993916	1.41744	1.41744
cg12802413	HJURP	0.0182178	0.247164	0.630631	-1.58571	0.474547	0.757991	-1.31928	0.054985	0.436447	-2.29123	0.0182681	0.335723	-2.97865	0.000990051	0.15495	-6.45371
cg01983548	HJURP	0.0260856	0.0201277	0.552456	-1.8101	0.817869	1.05004	1.05004	0.321379	0.805047	-1.24216	0.471628	1.16764	1.16764	0.0480258	1.61347	1.61347
cg03972606	HJURP	0.0304003	0.711676	0.946448	-1.05658	0.128669	1.27565	1.27565	0.751282	0.953952	-1.04827	0.179644	1.23528	1.23528	0.0078055	0.602713	-1.65916
cg13920792	HJURP	0.0347387	0.0340505	0.246724	-4.05311	0.03222	0.241965	-4.13283	0.771633	0.848202	-1.17896	0.73808	1.20908	1.20908	0.00872351	0.151003	-6.62239
cg13260726	HJURP	0.0352392	0.219648	1.40825	1.40825	0.402545	0.796746	-1.2551	0.783453	0.929538	-1.0758	0.12076	0.639991	-1.56252	0.00169576	0.30442	-3.28493
cg16001913	HK1;HK1;HK1	4.33E-05	0.379441	0.785468	-1.27313	0.0523513	1.80567	1.80567	0.00148006	0.292829	-3.41497	0.00126837	0.2838	-3.52361	0.697902	1.11011	1.11011
cg06323290	HK1;HK1;HK1	0.0082224	0.150705	0.602545	-1.65963	0.264733	0.682274	-1.46569	0.0164897	0.381498	-2.62124	0.0102898	0.345227	-2.89665	0.041494	0.461519	-2.16676
cg18162838	HK1;HK1;HK1;HK1	2.94E-06	0.000523983	0.361767	-2.76421	0.000140903	0.290625	-3.44087	2.28E-05	0.202843	-4.92991	0.0925528	0.705976	-1.41648	2.58E-06	0.118234	-8.45778
cg16658191	HK1;HK1;HK1;HK1	0.0231212	0.258582	1.32334	1.32334	0.181555	0.713858	-1.40084	0.00149592	0.336872	-2.96849	0.936121	0.981129	-1.01923	0.0110254	0.468676	-2.13367
cg09992116	HK1;HK1;HK1;HK1;HK1	0.0044908	0.0693387	1.47155	1.47155	0.846621	0.963848	-1.03751	0.0345066	0.625757	-1.59806	0.278397	1.239	1.239	0.203489	1.29074	1.29074
cg23196783	HK1;HK1;HK1;HK1;HK1	0.00662266	0.0255376	0.689893	-1.4495	0.0257172	1.44861	1.44861	0.0592465	0.742352	-1.34707	0.0122829	0.646433	-1.54695	0.00305886	0.566972	-1.76376

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00609645	0.0666934	1.26617	1.26617	0.459479	0.917181	-1.0903	0.252198	1.14717	1.14717	0.339594	1.11961	1.11961	3.59495	0.750151	0.185483	1
cg16282993	0.760526	0.969363	-1.03161	0.93649	0.991921	-1.00814	0.0121553	1.37454	1.37454	0.468421	1.07798	1.07798	3.52424	0.578278	0.145854	1
cg08762273	0.00787938	0.689626	-1.45006	2.02E-06	0.27864	-3.58886	0.00101861	0.587967	-1.70078	0.000347797	0.534154	-1.87212	32.2964	6.07834	0.167293	1
cg23890204	0.897521	0.976188	-1.02439	5.76E-05	0.247786	-4.03573	0.722506	1.06896	1.06896	0.628584	0.912867	-1.09545	17.0619	9.4526	0.492461	1
cg15475285	0.704195	0.944585	-1.05867	0.0350334	1.44352	1.44352	0.0949221	1.31559	1.31559	0.927206	0.986435	-1.01375	5.17796	1.83189	0.314476	1
cg01518846	0.260886	0.830445	-1.20417	0.00438788	1.82716	1.82716	0.152885	0.784616	-1.27451	0.00776468	0.581777	-1.71887	4.87315	1.93763	0.353435	1
cg23540745	0.850516	0.965156	-1.0361	0.00381846	2.08173	2.08173	0.674047	1.08277	1.08277	0.535405	0.888711	-1.12522	3.77883	2.11478	0.497456	1
cg16800785	0.959203	0.991767	-1.0083	0.0597782	1.40957	1.40957	0.0898549	0.739214	-1.35279	0.0384977	0.678778	-1.47324	3.39355	1.40381	0.367707	1
cg15882809	0.317642	0.686389	-1.4569	0.541038	0.798177	-1.25285	0.399112	0.730167	-1.36955	0.820211	1.08647	1.08647	5.20591	10.9424	1.86838	1
cg19338277	0.610342	0.900127	-1.11095	0.773493	0.94263	-1.06086	0.307588	0.805548	-1.24139	0.164755	1.35451	1.35451	3.83636	2.54683	0.590105	1
cg05657416	0.0748379	1.66217	1.66217	0.0084001	2.36823	2.36823	0.0963268	1.59616	1.59616	0.326331	0.771426	-1.2963	5.27936	5.48345	0.923252	1
cg21504815	0.00996495	1.91359	1.91359	0.000276279	0.305074	-3.27789	2.58E-07	21.1846	21.1846	0.128767	0.720821	-1.38731	37.0738	23.3491	0.559822	1
cg23222745	0.00367654	1.81584	1.81584	0.182185	0.806461	-1.23999	4.55E-07	8.68635	8.68635	0.296706	1.17864	1.17864	27.4458	10.0316	0.324895	1
cg25335190	0.0492465	1.49974	1.49974	0.775378	0.949652	-1.05302	3.10E-06	7.39263	7.39263	0.550573	1.11522	1.11522	15.6195	8.06605	0.459029	1
cg06843320	0.488051	0.82944	-1.20563	0.0193771	0.472113	-2.11814	4.03E-05	8.01608	8.01608	0.758541	1.08529	1.08529	9.88397	11.0308	0.992026	1
cg11351522	0.0180757	2.29607	2.29607	0.000145339	6.64128	6.64128	0.00185609	3.5919	3.5919	0.00586225	2.84062	2.84062	9.88261	13.1155	1.17967	1
cg17221315	0.0248745	2.7202	2.7202	0.0144463	0.323121	-3.09481	0.000216363	10.1078	10.1078	0.233312	0.626028	-1.59737	7.34131	16.3322	1.97751	1
cg19183932	0.675035	1.12979	1.12979	0.630205	0.86902	-1.15072	0.000538429	4.74892	4.74892	0.142169	1.5788	1.5788	4.62086	6.12958	1.17911	1
cg02773756	3.36E-06	1.76412	1.76412	0.00217343	0.816421	-1.22486	1.78E-10	10.5463	10.5463	0.0816937	1.09136	1.09136	369.64	11.3956	0.023978	1
cg26075208	0.000513714	4.25594	4.25594	0.0157147	0.453489	-2.20512	2.39E-07	62.1624	62.1624	0.255328	0.728176	-1.37329	37.7489	42.657	1.00446	1
cg10608333	0.000370711	2.33156	2.33156	0.64982	0.934342	-1.07027	1.73E-07	10.9681	10.9681	0.502057	0.90373	-1.10653	36.7114	12.8358	0.310791	1
cg23730575	0.00583587	2.21557	2.21557	0.471359	1.17524	1.17524	3.10E-07	26.9879	26.9879	0.798898	1.05788	1.05788	29.8896	22.9919	0.683757	1
cg20633818	0.00642156	2.23318	2.23318	0.00243787	0.384443	-2.60117	9.88E-07	18.4736	18.4736	0.187903	0.728891	-1.37195	25.8696	21.0414	0.72299	1
cg25863503	0.00246236	2.02156	2.02156	0.664864	0.929739	-1.07557	1.83E-06	7.27885	7.27885	0.607128	1.09056	1.09056	18.592	8.22622	0.393299	1
cg11744777	0.0758772	1.86739	1.86739	0.218853	0.664431	-1.50505	4.42E-06	28.2805	28.2805	0.743337	0.90134	-1.10946	15.5337	24.5873	1.40696	1
cg15842431	0.265697	1.26216	1.26216	0.0571131	1.54047	1.54047	0.201021	0.76255	-1.31139	0.424608	0.849006	-1.17785	3.99608	2.55034	0.567299	1
cg01247537	0.36592	1.33062	1.33062	0.00511745	3.1186	3.1186	0.0950214	1.75791	1.75791	0.023497	0.435159	-2.29801	4.82732	7.22931	1.33119	1
cg10536916	0.0995062	1.69682	1.69682	0.482276	0.811273	-1.23263	0.0650375	1.8344	1.8344	0.0662625	0.546997	-1.82816	3.9812	5.40802	1.20746	1
cg25479916	0.000261464	7.60975	7.60975	0.0762187	0.513243	-1.9484	0.412982	0.75353	-1.32709	0.285393	0.687185	-1.45521	13.2553	23.999	1.60936	1
cg07991112	0.001881	8.79979	8.79979	0.273246	0.569718	-1.75525	0.956491	0.973439	-1.02729	0.252869	0.554727	-1.80269	10.011	38.6022	3.42753	1
cg05990544	0.000921684	14.3579	14.3579	0.391081	0.623141	-1.60477	0.680085	0.799978	-1.25003	0.338345	1.70101	1.70101	7.60666	34.9011	4.07842	1
cg25845597	0.00112501	10.1944	10.1944	0.446945	0.687045	-1.45551	0.644486	0.798517	-1.25232	0.605802	1.28671	1.28671	6.16386	22.8903	3.30101	1
cg16138458	0.00125715	6.95612	6.95612	0.76757	0.885093	-1.12982	0.818273	0.909569	-1.09942	0.895959	1.05536	1.05536	5.17652	13.9054	2.38778	1
cg06323023	0.00365675	7.67727	7.67727	0.650181	0.789186	-1.26713	0.355939	0.611163	-1.63622	0.66268	0.796435	-1.25559	5.04124	21.4697	3.78562	1
cg25485294	0.00355069	10.2791	10.2791	0.349505	0.566695	-1.76462	0.499234	0.667311	-1.49855	0.538459	0.692603	-1.44383	4.78301	26.3443	4.89591	1
cg06005695	0.00895546	4.20344	4.20344	0.303125	0.630837	-1.58519	0.684143	0.838064	-1.19323	0.734111	0.863074	-1.15865	3.50285	10.3498	2.62637	1
cg11992375	0.0058604	4.57723	4.57723	0.799232	0.898092	-1.11347	0.638785	0.819234	-1.22065	0.517567	1.31874	1.31874	6.5602	18.4787	2.50382	1
cg21461470	0.4461	1.37854	1.37854	9.54E-05	0.0566175	-17.6624	0.00920145	0.254929	-3.92266	0.0103404	0.263099	-3.80086	12.5752	34.0272	2.40524	1
cg07572052	0.284731	0.642763	-1.55578	0.000930258	0.140019	-7.14187	0.00751408	0.254513	-3.92908	0.0897063	0.475172	-2.1045	7.27556	18.2296	2.22719	1
cg17271592	0.0185884	1.26209	1.26209	0.00371556	0.726359	-1.37673	0.438043	0.937513	-1.06665	0.713265	1.03056	1.03056	5.80366	0.611574	0.0936688	1
cg05950212	0.00209765	0.596465	-1.67654	0.00270602	0.609717	-1.6401	0.00116748	0.56601	-1.76675	0.414927	1.10463	1.10463	30.5837	6.90643	0.20073	1
cg08934443	0.0547831	0.656947	-1.52219	0.31768	0.81937	-1.22045	0.437203	0.858246	-1.16517	0.820323	1.04486	1.04486	7.31111	4.30768	0.52373	1
cg07807709	0.124003	0.771106	-1.29684	0.069803	0.728772	-1.37217	0.637791	1.0768	1.0768	0.282157	1.19053	1.19053	3.73814	1.44157	0.342789	1
cg09169269	0.0661461	1.50974	1.50974	0.121401	0.714894	-1.39881	0.779233	1.05777	1.05777	0.203208	1.30793	1.30793	11.8425	7.49172	0.56232	1
cg24070847	0.109702	0.793106	-1.26087	0.108626	0.792447	-1.26191	0.527062	1.08892	1.08892	0.99659	0.999432	-1.00057	4.14342	1.15958	0.248765	1
cg20461538	0.297847	0.794475	-1.25869	0.861137	1.03803	1.03803	0.561654	0.882403	-1.13327	0.782367	1.06081	1.06081	3.62383	2.60851	0.639841	1
cg13688123	0.00432316	0.214406	-4.66405	0.683503	0.847491	-1.17995	0.0374445	2.65066	2.65066	0.00115357	6.87505	6.87505	10.71	27.6439	2.29435	1
cg08461781	0.593532	1.07112	1.07112	0.105694	1.25282	1.25282	0.47751	0.912009	-1.09648	0.773138	1.03755	1.03755	9.02136	2.32388	0.228976	1
cg05659741	0.0680083	0.388453	-2.57431	0.115528	2.2068	2.2068	0.124897	2.1566	2.1566	0.0248379	3.44083	3.44083	4.53913	15.3875	3.0133	1
ch.1.2799699R	0.0139894	0.751241	-1.33113	0.0019566	0.661893	-1.51082	0.750166	0.970341	-1.03057	0.853364	1.01759	1.01759	4.40514	0.619704	0.125047	1
cg04080517	0.964802	0.986089	-1.01411	0.574814	1.19713	1.19713	0.548437	1.2126	1.2126	0.00105703	4.65276	4.65276	4.00957	6.39962	1.41874	1
cg06828770	0.000885878	0.680686	-1.46911	0.0210481	1.23899	1.23899	0.364566	1.0746	1.0746	0.396407	0.935137	-1.06936	11.2369	1.06124	0.0839485	1
cg04140924	0.125102	0.611177	-1.63619	0.955383	0.983543	-1.01673	0.375445	1.30969	1.30969	0.874953	1.04782	1.04782	6.82105	9.50275	1.23836	1
cg08169409	0.039528	0.736685	-1.35743	0.121857	0.80636	-1.24014	0.151153	0.820837	-1.21827	0.172002	1.20514	1.20514	4.63857	1.21016	0.231902	1
cg17313031	0.896704	1.01448	1.01448	0.97611	1.00332	1.00332	0.364887	1.10854	1.10854	7.27E-06	2.99008	2.99008	23.4805	4.55552	0.172456	1
cg14497172	0.00296436	0.321429	-3.1111	0.764945	0.919942	-1.08703	0.000909325	3.97681	3.97681	5.59E-05	8.04132	8.04132	20.1501	24.7147	1.09025	1
cg15157455	0.177254	0.669916	-1.49272	0.0196861	0.455194	-2.19686	0.00399604	2.94695	2.94695	0.0043579	2.898	2.898	6.47065	7.99727	1.0986	1
cg17855428	0.664174	0.958427	-1.04338	0.000290371	0.563018	-1.77614	0.585171	1.05504	1.05504	0.0246756	1.29697	1.29697	6.38734	0.955854	0.133021	1
cg13962321	0.219172	0.648183	-1.54277	0.238327	1.51349	1.51349	0.0564748	2.06384	2.06384	0.0244965	2.45742	2.45742	4.83304	8.61765	1.58495	1
cg23782591	0.978237	0.997763	-1.00224	0.340227	0.922472	-1.08404	0.244058	0.904779	-1.10524	4.96E-06	2.35118	2.35118	24.6166	2.62812	0.0948999	1
cg04888113	0.0524791	1.61046	1.61046	0.575149	0.884814	-1.13018	0.00285243	2.42855	2.42855	0.000484823	3.26144	3.26144	10.3092	7.62527	0.65747	1
cg10380289	0.0461455	0.463891	-2.15568	0.302627	1.43185	1.43185	0.00712646	3.21684	3.21684	0.0170402	2.65881	2.65881	7.30401	13.0729	1.59096	1
cg12769994	0.881219	0.957882	-1.04397	0.570234	0.847798	-1.17953	0.267966	1.39386	1.39386	0.00172548	3.62106	3.62106	3.97418	5.21291	1.16595	1
cg08636083	0.75816	1.06216	1.06216	0.279805	0.803	-1.24533	0.662684	1.08949	1.08949	0.00016679	3.49728	3.49728	8.06197	4.86897	0.536837	1
cg00428476	0.0480731	2.29502	2.29502	0.0284364	2.588	2.588	0.00232881	4.77377	4.77377	0.0242929	2.68359	2.68359	4.16148	8.90969	1.9031	1
cg17660655	0.000275025	0.622238	-1.6071	0.0442141	1.2021	1.2021	0.00265081	0.718103	-1.39256	0.00980261	0.77103	-1.29697	15.6317	1.57009	0.089282	1
cg14541950	0.0698957	0.839285	-1.19149	0.00453243	0.721139	-1.38669	0.019135	1.27775	1.27775	0.45074	1.06868	1.06868	7.22259	0.854796	0.1052	1
cg00143998	0.230507	1.18582	1.18582	0.000661655	0.493366	-2.02689	0.898433	1.01745	1.01745	0.558609	1.08344	1.08344	6.09616	1.77239	0.258435	1
cg14024461	0.259869	2.36498	2.36498	0.0480645	0.191118	-5.23236	0.030737	6.41419	6.41419	0.00548623	14.5016	14.5016	5.09057	43.2444	7.55112	1
cg21401647	0.156291	1.26047	1.26047	0.0110802	0.614945	-1.62616	0.215212	1.22034	1.22034	0.132118	1.28155	1.28155	3.94921	1.45732	0.328013	1
cg06893138	0.746916	0.949574	-1.0531	0.205541	0.80782	-1.2379	0.0632704	1.39625	1.39625	0.0709045	1.38051	1.38051	6.55029	2.64914	0.359495	1
cg08639523	0.942183	0.993833	-1.00621	0.00233907	0.696059	-1.43666	0.0197437	0.786529	-1.27141	0.645032	0.96121	-1.04036	10.4715	1.20634	0.102402	1
cg13111733	0.942729	0.983872	-1.01639	0.715905	0.920613	-1.08623	0.0250237	1.82832	1.82832	0.00438796	2.36532	2.36532	6.40881	5.19839	0.721006	1
cg04103490	2.66E-06	0.2754	-3.63109	0.0307754	1.3356	1.3356	0.321551	0.889747	-1.12392	5.14E-05	0.421228	-2.37401	50.3213	10.3701	0.18318	1
cg01006332	0.800615	0.976134	-1.02445	4.20E-05	2.10454	2.10454	0.726763	1.03405	1.03405	7.24E-05	0.501806	-1.9928	25.9408	3.74338	0.128271	1
cg26784527	0.950059	1.00852	1.00852	0.00163675	1.84172	1.84172	0.122101	0.797025	-1.25467	0.421545	0.89479	-1.11758	19.5843	5.68584	0.258068	1
cg09802627	0.00125686	0.132621	-7.54029	9.12E-05	0.0498267	-20.0696	0.925042	0.960438	-1.04119	0.0034905	0.182686	-5.47387	11.2735	32.8514	2.59025	1
cg21430666	0.637355	1.08209	1.08209	5.12E-05	0.283623	-3.5258	0.341294	0.849655	-1.17695	0.17378	0.786285	-1.2718	10.6965	4.6767	0.388639	1
cg24152390	0.11439	1.18646	1.18646	0.176563	1.15378	1.15378	0.308843	1.11056	1.11056	0.424076	1.08468	1.08468	6.33141	0.994098	0.139565	1
cg11412256	0.194563	0.826199	-1.21036	0.000574015	2.09931	2.09931	0.241184	0.843077	-1.18613	0.0473004	0.729239	-1.37129	5.68082	1.74153	0.272501	1
cg16251579	0.0830119	0.204027	-4.90131	0.00842779	0.0616546	-16.2194	0.0455183	0.149684	-6.68074	0.0664199	0.181812	-5.50018	3.45308	37.5066	9.65489	1
cg18935391	0.0805472	1.31657	1.31657	0.00751272	1.62938	1.62938	0.095024	0.77081	-1.29734	0.705039	1.05544	1.05544	4.56234	1.4549	0.283461	1
cg24405537	0.443814	1.16522	1.16522	0.525218	1.13439	1.13439	0.208684	0.771384	-1.29637	0.349783	1.20744	1.20744	10.7089	6.50585	0.540016	1
cg20498043	0.542161	0.910062	-1.09883	0.485086	0.897308	-1.11444	0.893043	0.979663	-1.02076	0.9685	0.993987	-1.00605	10.4717	3.869	0.328418	1
cg18776463	0.172766	1.33901	1.33901	0.977947	0.994454	-1.00558	0.936906	0.984197	-1.01606	0.633898	1.10135	1.10135	11.1518	7.14989	0.569904	1
cg11378619	0.98539	1.00295	1.00295	4.35E-07	0.100311	-9.96902	0.479092	1.12256	1.12256	0.238488	1.21942	1.21942	34.441	14.0817	0.363436	1
cg11276388	0.0358422	1.78397	1.78397	0.645348	0.895966	-1.11611	0.792237	0.93934	-1.06458	0.0638961	0.610369	-1.63835	6.85419	6.09979	0.791054	1
cg20544562	0.0632458	0.716245	-1.39617	0.000521462	2.37315	2.37315	0.0960784	0.746798	-1.33905	0.735635	0.947301	-1.05563	6.09551	2.46381	0.35929	1
cg17804551	0.162794	0.533359	-1.87491	0.00465487	0.204387	-4.89269	0.315177	1.54984	1.54984	0.469497	0.733124	-1.36403	5.29986	14.9389	2.50554	1
cg19268652	0.623271	0.807513	-1.23837	0.179218	1.85171	1.85171	0.813232	0.902848	-1.10761	0.0443101	0.368787	-2.71159	5.07336	14.9828	2.6251	1
cg06817534	0.200244	1.22792	1.22792	0.00269604	1.87604	1.87604	0.94742	0.990042	-1.01006	0.035527	1.44975	1.44975	4.39365	1.60242	0.324188	1
cg10792727	0.896099	1.01788	1.01788	0.0439687	0.730502	-1.36892	0.33899	0.874856	-1.14305	0.335458	1.14424	1.14424	4.24616	1.23754	0.259065	1
cg21091932	0.948882	1.00842	1.00842	0.00225356	1.74895	1.74895	0.382566	0.889507	-1.12422	0.759091	0.960577	-1.04104	4.0397	1.09388	0.240695	1
cg26685339	0.992927	1.0012	1.0012	0.473262	1.10349	1.10349	0.593949	0.929926	-1.07535	0.0464067	1.36072	1.36072	3.86769	1.11658	0.256618	1
cg10577216	0.220096	0.761208	-1.3137	8.45E-06	0.128421	-7.78691	0.00056044	0.322335	-3.10236	0.0051137	0.457113	-2.18764	16.34	11.5888	0.630428	1
cg19160555	0.795501	0.976606	-1.02395	4.08E-05	0.489941	-2.04106	0.426152	1.07687	1.07687	0.210701	1.12772	1.12772	10.163	1.33701	0.116939	1
cg20743720	0.396518	0.890393	-1.1231	6.34E-05	2.67555	2.67555	0.108131	1.26413	1.26413	0.500611	0.912642	-1.09572	9.63507	2.72822	0.251694	1
cg17717866	0.794679	0.940745	-1.06299	0.537788	0.864051	-1.15734	0.19252	1.38133	1.38133	0.00649227	0.436645	-2.29019	7.06309	6.13643	0.772268	1
cg10369203	0.117595	1.61204	1.61204	0.0185935	2.22929	2.22929	0.157833	0.654248	-1.52847	0.145626	1.55109	1.55109	6.77193	8.46554	1.11119	1
cg06773553	0.534824	1.07427	1.07427	0.0385376	0.76096	-1.31413	0.869355	1.01894	1.01894	0.0132487	1.41891	1.41891	4.79016	0.985513	0.182877	1
cg06836726	0.020085	0.486346	-2.05615	0.101574	1.58517	1.58517	0.611749	0.876729	-1.1406	0.24152	0.729727	-1.37038	4.61858	4.8318	0.929927	1
cg00109300	0.0453552	3.61418	3.61418	0.810293	1.14408	1.14408	0.00362303	0.110402	-9.05782	0.987422	0.991216	-1.00886	4.53693	22.5102	4.41026	1
cg22858308	0.616146	1.14901	1.14901	0.851009	0.949639	-1.05303	0.391965	1.27254	1.27254	0.482368	0.821838	-1.21679	3.81693	4.56522	1.06315	1
cg05786041	0.523313	0.833886	-1.19921	0.0171842	0.442451	-2.26014	0.522444	1.19967	1.19967	0.144491	1.55303	1.55303	3.61736	4.51856	1.11034	1
cg27209679	0.982704	1.00733	1.00733	0.127275	1.74344	1.74344	0.333549	1.39962	1.39962	0.0390414	0.447013	-2.23707	3.52696	6.3465	1.59949	1
cg01833771	0.824317	0.969581	-1.03137	0.00800978	0.623683	-1.60338	0.542304	0.917873	-1.08948	0.230628	1.19092	1.19092	3.41387	1.04371	0.271756	1
cg20486294	0.670856	1.12924	1.12924	0.141321	1.62533	1.62533	0.0644377	0.510386	-1.9593	0.586925	1.16957	1.16957	14.1215	13.8121	0.489047	1
cg20149359	0.00231942	0.30085	-3.32391	0.000490228	0.213989	-4.67313	0.000707345	0.232938	-4.29299	0.00723203	0.375869	-2.6605	15.7417	19.8731	1.12218	1
cg02331143	0.404941	0.830374	-1.20428	1.21E-05	0.133335	-7.49988	0.779362	0.940574	-1.06318	0.967393	0.991123	-1.00896	12.1674	9.16951	0.66988	1
cg04564461	0.399935	0.779525	-1.28283	0.0343078	0.48982	-2.04157	0.326516	1.34018	1.34018	0.184289	0.665589	-1.50243	10.0737	13.3305	1.17626	1
cg15452381	0.0513072	0.556741	-1.79617	0.605426	1.14745	1.14745	0.00301961	0.342002	-2.92396	0.0105782	0.427993	-2.33649	9.80915	10.8213	0.980609	1
cg19637387	0.696984	0.942661	-1.06083	0.00119003	0.488207	-2.04831	0.882994	0.978023	-1.02247	0.204275	1.22404	1.22404	9.09975	3.28164	0.320559	1
cg09501963	0.0401749	0.58861	-1.69892	0.268186	1.29409	1.29409	0.820554	0.950481	-1.0521	0.624331	0.895537	-1.11665	8.8965	7.04062	0.70346	1
cg18938696	0.75777	0.969948	-1.03098	0.00017621	1.87263	1.87263	0.203496	0.875999	-1.14155	0.295773	0.898582	-1.11286	8.67446	1.33656	0.13696	1
cg08915922	0.112142	0.898801	-1.11259	0.000294458	0.695069	-1.43871	0.101071	1.11712	1.11712	0.00375309	0.78559	-1.27293	8.36425	0.503968	0.0535579	1
cg11424962	0.465763	1.05345	1.05345	0.000262223	0.656458	-1.52333	0.00910656	0.792592	-1.26168	0.429167	0.944954	-1.05825	6.91665	0.539108	0.0692831	1
cg21415643	0.334831	0.749662	-1.33394	0.000122297	0.143355	-6.9757	0.894133	1.03932	1.03932	0.284889	1.3796	1.3796	6.97965	8.2462	1.18146	1
cg15209769	0.700397	1.09561	1.09561	0.0110297	2.12336	2.12336	0.954917	0.986737	-1.01344	0.310818	0.780625	-1.28102	6.09635	5.38548	0.78524	1
cg24351658	0.395475	0.794875	-1.25806	0.750751	1.0877	1.0877	0.00523048	0.378396	-2.64273	0.797138	1.07031	1.07031	5.67178	6.25118	0.979694	1
cg15937073	0.944172	1.0154	1.0154	0.0713123	1.55183	1.55183	0.547161	1.14214	1.14214	0.00928807	2.0545	2.0545	5.24559	3.95396	0.670016	1
cg22381248	0.0516773	0.226241	-4.42007	0.00164198	0.0485412	-20.601	0.0141694	0.131184	-7.62285	0.024594	0.165865	-6.02898	4.6968	33.4998	6.33999	1
cg21681327	0.263871	1.13257	1.13257	0.00688445	1.4535	1.4535	0.159851	0.851689	-1.17414	0.184842	1.16221	1.16221	4.04572	0.732095	0.160849	1
cg04490934	0.719195	0.941335	-1.06232	0.0257913	1.55784	1.55784	0.790595	0.956414	-1.04557	0.0166049	0.612718	-1.63207	3.82317	1.69781	0.394742	1
cg12034678	0.967711	0.969903	-1.03103	?	?	?	0.21963	2.64975	2.64975	0.171562	3.00068	3.00068	3.68672	25.8826	8.02343	1
cg11177980	0.217775	0.577771	-1.73079	0.0456624	0.379268	-2.63666	0.139295	0.510065	-1.96053	0.42432	0.708053	-1.41232	3.44578	9.76976	2.52025	1
cg26038582	0.61992	0.859937	-1.16288	0.18392	1.53028	1.53028	0.66619	0.877228	-1.13995	0.00453974	3.13017	3.13017	8.95615	12.9209	1.28239	1
cg25607920	0.920843	0.971528	-1.02931	0.00810568	0.373367	-2.67833	0.759188	1.09347	1.09347	0.0133405	2.43713	2.43713	5.35577	7.16339	1.1889	1
cg03884592	0.766353	0.922227	-1.08433	0.40056	1.26338	1.26338	0.49202	0.827286	-1.20877	0.0269686	2.03741	2.03741	5.04566	5.89906	1.03923	1
cg17084697	0.117387	1.20918	1.20918	0.0409268	1.30149	1.30149	0.0312791	0.754126	-1.32604	0.0728997	0.799771	-1.25036	24.0184	4.74481	0.175599	1
cg05734866	0.000178287	0.384866	-2.59831	0.3142	1.16944	1.16944	0.871011	1.02474	1.02474	0.358561	0.867643	-1.15255	7.64442	2.73806	0.31838	1
cg24074913	0.460924	1.15602	1.15602	0.0179563	1.74264	1.74264	0.724253	0.933876	-1.07081	0.201268	0.770537	-1.2978	5.08979	3.0071	0.525164	1
cg12802413	0.0294171	0.376326	-2.65727	0.052333	0.431371	-2.31819	0.432602	1.3568	1.3568	0.0981946	0.501033	-1.99588	4.85544	11.1632	2.04365	1
cg01983548	0.526872	1.14536	1.14536	0.0517949	0.625965	-1.59753	0.00577816	0.465112	-2.15002	0.341276	1.23068	1.23068	4.29314	3.0464	0.630754	1
cg03972606	0.618892	1.07718	1.07718	0.00837135	1.64782	1.64782	0.91688	0.984642	-1.0156	0.12409	0.781225	-1.28004	4.06763	1.41599	0.309433	1
cg13920792	0.0337515	0.245959	-4.06572	0.0102642	0.160385	-6.235	0.854859	1.10914	1.10914	0.192546	0.458297	-2.18199	3.87763	19.6544	4.50548	1
cg13260726	0.0172913	0.463448	-2.15774	0.901172	1.0335	1.0335	0.284238	0.744493	-1.3432	0.705686	0.904267	-1.10587	3.85761	4.29797	0.990358	1
cg16001913	0.16605	0.67331	-1.4852	6.18E-07	0.0256619	-38.9683	0.00607128	0.38306	-2.61056	0.0742344	0.586995	-1.70359	27.6572	31.4166	1.00971	1
cg06323290	0.0143933	0.370754	-2.69721	0.000418306	0.158801	-6.29719	0.0234565	0.410518	-2.43595	0.98211	1.0074	1.0074	6.28959	10.7766	1.52303	1
cg18162838	0.00603963	0.509366	-1.96322	1.05E-07	0.0395644	-25.2753	0.00968575	0.540302	-1.85082	2.31E-05	0.20343	-4.91569	55.6647	31.1894	0.498052	1
cg16658191	0.0393354	0.567436	-1.76231	0.938616	1.01847	1.01847	0.545914	0.8648	-1.15634	0.88467	1.0351	1.0351	4.47673	4.00513	0.795248	1
cg09992116	0.607421	1.10355	1.10355	0.000769696	0.379716	-2.63355	0.119998	0.725634	-1.37811	0.00180681	0.430129	-2.32488	7.58243	4.34152	0.508957	1
cg23196783	0.941568	0.989797	-1.01031	0.117514	1.26849	1.26849	0.0103717	0.636587	-1.57088	0.779519	0.961499	-1.04004	6.73019	2.08608	0.275519	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)
ch.10.1464434I	HK1;HK1;HK1;HK1;HK1	0.0070104	0.148632	0.788153	-1.26879	0.287145	1.18512	1.18512	0.0096484	0.604499	-1.65426	0.921605
cg14543941	HK1;HK1;HK1;HK1;HK1	0.0151502	0.358831	0.83247	-1.20124	0.0457007	0.640699	-1.56079	0.228791	0.782355	-1.27819	0.0381875
cg20372666	HK1;HK1;HK1;HK1;HK1	0.0156246	0.0192072	0.276521	-3.61636	0.0485969	2.7793	2.7793	0.285691	1.6539	1.6539	0.297329
cg24699895	HK1;HK1;HK1;HK1;HK1	0.039532	0.89816	0.959815	-1.04187	0.00285454	3.72473	3.72473	0.00859775	2.9255	2.9255	0.673178
cg00634698	HK1;HK1;HK1;HK1;HK1	0.0409417	0.0186427	0.448109	-2.2316	0.701616	0.897305	-1.11445	0.385148	0.77832	-1.28482	0.538663
cg04392286	HK2	0.00135973	0.00517736	0.298667	-3.34821	0.00155419	0.225491	-4.43476	0.00450048	0.289436	-3.45499	0.0123977
cg03958956	HK2	0.00467179	0.0041678	0.149893	-6.67143	0.0349859	0.296893	-3.36822	0.0734624	0.372904	-2.68165	0.649551
cg10597191	HK2	0.0135573	0.666818	1.05857	1.05857	0.0244696	0.703108	-1.42226	0.00231084	0.571521	-1.74972	0.073457
cg12163223	HK2	0.014047	0.0524108	0.608635	-1.64302	0.00108198	0.337523	-2.96276	0.00657139	0.451776	-2.21349	0.542545
cg27049094	HK2	0.0150602	0.216462	0.760141	-1.31554	0.582625	1.12415	1.12415	0.0725159	1.52582	1.52582	0.793865
ch.2.1701371R	HK2	0.0222844	0.00361165	0.0526855	-18.9805	0.0163521	0.111571	-8.96292	0.0127898	0.0991891	-10.0818	0.070755
cg24107142	HK2;HK2	0.000392376	0.00014465	0.153339	-6.52149	0.0627047	0.548794	-1.82218	0.00116152	0.254956	-3.92225	0.198301
cg06919414	HK2;HK2	0.0488555	0.00789332	0.686423	-1.45683	0.448518	0.918254	-1.08902	0.0386617	0.767651	-1.30268	0.19287
cg17393572	HK3	0.000947967	0.00282892	0.380343	-2.6292	0.305015	0.779016	-1.28367	0.0102684	0.467417	-2.13942	0.0167199
cg21520299	HK3	0.00132263	0.112369	1.54115	1.54115	0.916265	0.974026	-1.02667	0.000256341	0.221711	-4.51038	0.547596
cg06474294	HK3	0.00485392	0.0140496	0.609054	-1.64189	0.0341415	1.49821	1.49821	0.0122759	0.600463	-1.66538	0.0604162
cg24538331	HK3	0.0145099	0.00750297	0.536811	-1.86285	0.00720258	0.53418	-1.87203	0.0124139	0.569765	-1.75511	0.813752
cg22846391	HK3	0.0264567	0.110092	1.63631	1.63631	0.11183	1.63172	1.63172	0.440563	0.800593	-1.24907	0.0464578
cg15357821	HK3	0.0370196	0.330484	0.707372	-1.41368	0.106735	0.544887	-1.83524	0.0746469	0.504281	-1.98302	0.540405
cg15914500	HK3	0.0421695	0.610265	1.15376	1.15376	0.0588154	1.81089	1.81089	0.232304	1.41698	1.41698	0.236906
cg26455624	HK3	0.0449791	0.470595	1.51319	1.51319	0.0223744	0.213446	-4.68502	0.0343192	0.248252	-4.02817	0.09686
cg00838397	HKDC1	7.47E-05	0.537006	1.07869	1.07869	0.940747	1.00905	1.00905	1.27E-06	0.221074	-4.52336	0.0012621
cg17524619	HKDC1	0.00789627	0.0153721	0.609429	-1.64088	0.244882	1.22449	1.22449	0.000171617	0.345415	-2.89507	0.947434
cg05433657	HKDC1	0.0082734	0.0934696	0.346218	-2.88835	0.444329	0.638694	-1.5657	0.0154801	0.181302	-5.51565	0.0243297
cg19832898	HKDC1	0.0112214	0.411717	0.690398	-1.44844	0.174692	0.528756	-1.89123	0.00326013	0.17024	-5.87405	0.767712
cg13687570	HKR1	2.19E-07	0.263457	1.09689	1.09689	3.54E-07	3.2094	3.2094	2.00E-05	1.98386	1.98386	6.15E-09
cg24834889	HKR1	8.39E-05	0.07719	1.15296	1.15296	0.566897	1.04282	1.04282	6.16E-06	2.08089	2.08089	5.57E-05
cg26734888	HKR1	0.000394625	0.33161	1.23328	1.23328	0.000875282	2.84254	2.84254	0.128273	1.4108	1.4108	8.08E-06
cg05280698	HKR1	0.0010513	0.0322523	1.49522	1.49522	0.0596266	0.711058	-1.40635	0.112901	1.31891	1.31891	0.000624074
cg14166009	HKR1	0.0204748	0.498787	1.25344	1.25344	0.016352	2.62635	2.62635	0.452303	1.28647	1.28647	0.000341523
cg14820722	HKR1	0.0263767	0.296218	1.1095	1.1095	0.104025	0.84323	-1.18592	0.546406	0.943124	-1.06031	0.0953434
cg12024906	HKR1;HKR1	0.0012943	0.650988	1.07941	1.07941	0.11359	1.33495	1.33495	0.0179944	1.61979	1.61979	0.843524
cg00082981	HLA-A	6.85E-05	0.547591	1.07706	1.07706	4.92E-05	0.394418	-2.53538	0.241693	0.861142	-1.16125	0.00427486
cg10018004	HLA-A	0.0205489	0.0407927	0.246433	-4.05791	0.61884	0.742688	-1.34646	0.116161	0.363223	-2.75313	0.493922
cg11946459	HLA-A	0.0215863	0.00420264	0.0691996	-14.451	0.012428	0.114499	-8.7337	0.0274664	0.16256	-6.15158	0.260152
cg20408505	HLA-A	0.025153	0.0107336	0.243553	-4.10588	0.00737733	0.218484	-4.577	0.0177887	0.280977	-3.55901	0.51922
cg18106971	HLA-A	0.0363367	0.00301096	0.289559	-3.45353	0.0812694	0.554933	-1.80202	0.957756	1.01627	1.01627	0.672123
cg20142377	HLA-A	0.0436022	0.123393	0.348358	-2.87061	0.0441081	4.3122	4.3122	0.0446654	0.233046	-4.291	0.709046
cg09535358	HLA-A	0.0493502	0.20231	0.654416	-1.52808	0.114076	1.71847	1.71847	0.572603	0.83562	-1.19672	0.330265
cg17159161	HLA-B	2.42E-05	3.41E-05	0.2271	-4.40335	8.88E-06	0.168665	-5.92891	0.00551009	0.50963	-1.96221	0.0310871
cg01517384	HLA-B	9.73E-05	8.79E-05	0.315837	-3.16619	0.00218628	0.494298	-2.02307	0.348391	0.853596	-1.17151	0.905571
cg17830959	HLA-B	0.00125039	0.00176559	0.383263	-2.60918	0.745533	0.932289	-1.07263	0.00185963	0.386442	-2.58771	0.0886209
cg13031097	HLA-B	0.00159731	0.000338431	0.395257	-2.53	0.0100942	0.59354	-1.68481	0.0127642	0.608237	-1.6441	0.0448055
cg23533285	HLA-B	0.00665308	0.00169327	0.494354	-2.02284	0.0451664	0.696995	-1.43473	0.00645412	0.573312	-1.74425	0.645031
cg05129479	HLA-B	0.0074233	0.079248	2.48286	2.48286	0.0372013	3.09238	3.09238	0.462873	1.41735	1.41735	0.390082
cg01035015	HLA-B	0.0102255	0.234332	0.840994	-1.18907	0.798527	1.03617	1.03617	0.000249388	2.31547	2.31547	0.772282
cg21279459	HLA-B	0.0166848	0.605941	0.892787	-1.12009	0.651984	1.104	1.104	0.870131	1.0363	1.0363	0.564658
cg17165028	HLA-B	0.0230688	0.287016	0.845818	-1.18229	0.965022	1.00666	1.00666	0.818808	0.965842	-1.03537	0.149454
cg13538277	HLA-B	0.0310302	0.0343946	1.34272	1.34272	0.0815168	1.25934	1.25934	0.121406	1.22208	1.22208	0.0490626
cg11255427	HLA-B	0.0310629	0.239242	0.760969	-1.31411	0.00728659	2.15342	2.15342	0.537898	1.14825	1.14825	0.530099
cg27529346	HLA-B	0.0394062	0.299108	0.823201	-1.21477	0.0961632	1.39137	1.39137	0.339874	0.837088	-1.19462	0.497736
cg14651305	HLA-B	0.0434455	0.0451463	4.44436	4.44436	0.0219552	5.95183	5.95183	0.0216774	5.9829	5.9829	0.103842
cg26259568	HLA-B	0.0456116	0.0336742	8.73271	8.73271	0.125777	4.25121	4.25121	0.0505134	7.00707	7.00707	0.747539
cg20408074	HLA-B	0.0471951	0.54503	0.797418	-1.25405	0.982856	1.00797	1.00797	0.0353769	0.404359	-2.47305	0.351346
cg26392102	HLA-C	2.30E-06	0.0001175	0.564428	-1.7717	0.000128172	0.568447	-1.75918	0.421798	0.932771	-1.07207	0.0281923
cg05338672	HLA-C	1.26E-05	2.11E-06	0.301072	-3.32146	0.567459	1.06133	1.06133	2.51E-06	0.309371	-3.23237	6.92E-05
cg02827714	HLA-C	0.000351305	0.0398545	1.35086	1.35086	0.00436671	0.617573	-1.61924	0.45552	0.908274	-1.10099	0.061025
cg14972843	HLA-C	0.000392207	0.988675	0.99576	-1.00426	0.274115	1.40587	1.40587	0.646215	1.14838	1.14838	0.0238915
cg05619024	HLA-C	0.000544922	0.182449	0.782286	-1.27831	0.0099778	1.75873	1.75873	0.215193	1.25406	1.25406	0.369058
cg11247343	HLA-C	0.000578504	0.0439083	0.746812	-1.33902	0.00791663	0.650925	-1.53628	0.128017	0.81267	-1.23051	0.567818
cg09970392	HLA-C	0.00150383	0.000309553	0.0205045	-48.7698	0.87442	0.900296	-1.11075	0.14561	0.35431	-2.82239	0.0227749
cg12291348	HLA-C	0.00623878	0.296484	1.31309	1.31309	0.0242099	1.96625	1.96625	0.0269188	1.93363	1.93363	0.169108
cg14931776	HLA-C	0.00773932	0.0061485	0.259747	-3.84989	0.6792	1.1698	1.1698	0.0771174	0.476529	-2.09851	0.820808
cg07505391	HLA-C	0.0180457	0.00196608	0.530373	-1.88547	0.316641	0.86065	-1.16191	0.00602129	0.594407	-1.68235	0.220294
cg00620824	HLA-C	0.0211792	0.305548	0.754735	-1.32497	0.224775	0.713063	-1.4024	0.0225277	0.484479	-2.06407	0.780482
cg17096289	HLA-C	0.0224513	0.167482	0.374599	-2.66952	0.816016	1.16829	1.16829	0.656436	0.741721	-1.34822	0.613377
cg12321669	HLA-C	0.0468945	0.0985978	0.462382	-2.16272	0.448528	1.38947	1.38947	0.00762412	0.231991	-4.31051	0.798828
cg12965927	HLA-C	0.0496592	0.64104	1.12887	1.12887	0.148689	1.49161	1.49161	0.124807	1.53564	1.53564	0.0313451
cg07627491	HLA-DMA	1.51E-05	0.0317783	0.691767	-1.44557	0.000439489	2.25466	2.25466	1.04E-05	0.251191	-3.98104	2.98E-06
cg02806715	HLA-DMA	3.38E-05	0.160254	0.717042	-1.39462	0.00939445	0.481852	-2.07533	3.07E-05	0.16448	-6.07977	0.0100963
cg08468741	HLA-DMA	9.11E-05	0.269104	0.804361	-1.24322	0.0244203	0.602154	-1.66071	0.000316591	0.331699	-3.01478	0.0921259
cg07151443	HLA-DMA	0.000210638	0.00365439	0.387706	-2.57927	0.203991	1.38144	1.38144	0.0794134	1.59889	1.59889	0.00801945
cg26905720	HLA-DMA	0.00032243	0.000406834	0.314996	-3.17465	0.336811	0.815768	-1.22584	0.000135945	0.257201	-3.888	0.127384
cg09713850	HLA-DMA	0.000339369	9.68E-05	0.232834	-4.29491	0.0486131	0.622788	-1.60568	0.00322873	0.429685	-2.32729	0.00703978
cg26805779	HLA-DMA	0.000430634	0.100983	0.627105	-1.59463	6.92E-05	0.151218	-6.61298	0.000223223	0.202664	-4.93426	0.116613
cg24713259	HLA-DMA	0.000465496	0.467124	0.817339	-1.22348	0.89658	1.03609	1.03609	0.00248853	0.317953	-3.14512	0.000526004
cg02015582	HLA-DMA	0.000471664	0.000365858	0.435976	-2.2937	0.195287	1.22042	1.22042	0.389395	0.879619	-1.13686	0.00481994
cg12419318	HLA-DMA	0.000825865	0.884987	1.02585	1.02585	0.571519	0.904098	-1.10608	0.50406	0.887324	-1.12698	0.0743749
cg12682872	HLA-DMA	0.00107926	0.0576649	0.597231	-1.67439	0.0462553	0.577914	-1.73036	0.851034	0.955857	-1.04618	0.00108982
cg01910638	HLA-DMA	0.00110633	0.0539965	0.441198	-2.26656	0.155716	0.566531	-1.76513	0.0165348	0.334418	-2.99027	0.0176625
cg01782709	HLA-DMA	0.0014971	0.00106997	0.27216	-3.67431	0.305683	1.33049	1.33049	0.027204	0.494726	-2.02132	0.34631
cg24129356	HLA-DMA	0.00167044	0.00220302	0.449804	-2.22319	0.188669	0.771615	-1.29598	0.000260017	0.326835	-3.05965	0.0632883
cg00047147	HLA-DMA	0.00177948	0.0175958	0.580435	-1.72285	0.141039	0.742199	-1.34735	0.00175221	0.431751	-2.31615	0.527538
cg03520342	HLA-DMA	0.0055084	0.520058	1.18373	1.18373	0.0485819	1.791	1.791	0.690536	1.10906	1.10906	0.31583
cg10600367	HLA-DMA	0.0059949	0.00226243	0.407993	-2.45102	0.143396	1.39089	1.39089	0.501033	0.866486	-1.15409	0.0152935
cg06006623	HLA-DMA	0.00637339	0.290964	0.909252	-1.0998	0.0105088	1.32249	1.32249	0.0174358	1.28564	1.28564	0.00588563
cg08735211	HLA-DMA	0.00822215	0.891377	0.954784	-1.04736	0.0280687	0.415382	-2.40742	0.00760307	0.312734	-3.19761	0.330932
cg17940902	HLA-DMA	0.0129467	0.473189	1.18318	1.18318	0.230939	1.33607	1.33607	0.0251881	0.541298	-1.84741	0.00468482
cg09146459	HLA-DMA	0.0162039	0.140307	1.6863	1.6863	0.00400888	3.57356	3.57356	0.948769	0.979058	-1.02139	0.221444
cg21588594	HLA-DMA	0.0182116	0.344249	0.783466	-1.27638	0.552037	1.16265	1.16265	0.00108888	0.298993	-3.34456	0.0377749
cg22961241	HLA-DMA	0.0212813	0.0196481	0.352594	-2.83613	0.960988	1.01826	1.01826	0.137247	0.55322	-1.8076	0.477402
cg18031239	HLA-DMA	0.0231856	0.865418	1.05382	1.05382	0.734333	0.900078	-1.11102	0.0448057	0.490754	-2.03768	0.108792
cg25285720	HLA-DMA	0.0234846	0.290887	0.825207	-1.21182	0.00371415	0.503042	-1.98791	0.00372588	0.503236	-1.98714	0.0203599
cg13852084	HLA-DMA	0.0252648	0.0581211	0.392558	-2.54739	0.0355704	0.343605	-2.91032	?	?	?	0.0109984
cg24290947	HLA-DMA	0.0400689	0.0384089	0.555446	-1.80036	0.0337855	0.544685	-1.83592	0.0251208	0.520517	-1.92117	0.0668644
cg26964592	HLA-DMB	1.43E-05	0.264605	0.817648	-1.22302	0.0148617	0.595248	-1.67997	2.10E-05	0.226433	-4.41633	3.77E-06
cg25956483	HLA-DMB	2.40E-05	0.00547225	0.518287	-1.92943	0.0196865	0.602389	-1.66006	4.22E-05	0.246154	-4.0625	0.00147218
cg01026383	HLA-DMB	2.77E-05	0.427938	0.87642	-1.14101	0.000843158	0.44121	-2.26649	2.54E-05	0.256193	-3.90331	0.0163683
cg23652026	HLA-DMB	0.000441263	0.00889681	0.620049	-1.61278	0.077136	0.754135	-1.32602	0.00366353	0.56882	-1.75802	0.00367698
cg20600379	HLA-DMB	0.000493699	0.0715559	0.646223	-1.54745	0.145565	0.712425	-1.40366	1.29E-05	0.137107	-7.29356	0.0552818
cg21578596	HLA-DMB	0.000567243	0.00257583	0.442483	-2.25997	0.0440893	0.636772	-1.57042	0.000514748	0.347279	-2.87953	0.00665557
cg21470947	HLA-DMB	0.00111112	0.195985	0.687073	-1.45545	0.190883	0.683765	-1.46249	2.65E-05	0.102215	-9.78328	0.00966807
cg16170330	HLA-DMB	0.00153425	0.587029	1.08934	1.08934	0.570318	0.914382	-1.09363	0.00018912	0.37445	-2.67058	0.881764
cg17022232	HLA-DMB	0.00223135	0.0289397	0.493855	-2.02489	0.0613397	0.561286	-1.78162	0.162368	0.664548	-1.50478	0.110234
cg23527920	HLA-DMB	0.00354496	0.115606	0.499495	-2.00202	0.283805	0.636422	-1.57128	0.0219318	0.327687	-3.05169	0.450909
cg25265930	HLA-DMB	0.00508589	0.000794601	0.397804	-2.5138	0.921927	1.01799	1.01799	0.000503131	0.371774	-2.68981	0.094995
cg22324029	HLA-DMB	0.00870405	?	?	?	0.042857	0.263196	-3.79945	0.0464879	0.27092	-3.69113	0.0117046
cg27478707	HLA-DMB	0.0131451	0.00245256	0.402703	-2.48322	0.139435	0.709435	-1.40957	0.00765715	0.477177	-2.09566	0.96339
cg13524037	HLA-DMB	0.0143119	0.0874769	0.491037	-2.0365	0.0587376	0.447123	-2.23652	0.0077919	0.275831	-3.62541	0.0441781
cg24523259	HLA-DMB	0.0151418	0.901161	0.963821	-1.03754	0.264557	0.708306	-1.41182	0.00979235	0.379614	-2.63425	0.786389
cg05835265	HLA-DMB	0.0156647	0.234714	0.714143	-1.40028	0.827865	0.942838	-1.06063	0.0155755	0.448545	-2.22943	0.338895
cg22497907	HLA-DMB	0.0160081	0.977652	0.98822	-1.01192	0.603354	1.24827	1.24827	0.0279513	0.333315	-3.00016	0.578786
cg18050733	HLA-DMB	0.0180782	0.308578	0.836779	-1.19506	0.0748801	0.715018	-1.39857	0.0100527	0.577335	-1.7321	0.242787
cg09017117	HLA-DMB	0.0184148	0.726816	1.1792	1.1792	0.100884	0.429803	-2.32665	0.0511938	0.352214	-2.83918	0.0533655
cg10453850	HLA-DMB	0.0328629	0.351879	0.749304	-1.33457	0.00747977	2.82166	2.82166	0.0514024	0.512663	-1.9506	0.0415401
cg10518264	HLA-DMB	0.0341913	0.183614	0.638725	-1.56562	0.828779	1.07125	1.07125	0.00156908	0.236146	-4.23467	0.535875
cg13565401	HLA-DMB	0.0342637	0.604793	0.892415	-1.12055	0.206244	1.33733	1.33733	0.0649589	0.63646	-1.57119	0.925369
cg05525374	HLA-DMB	0.0347224	0.042077	0.231896	-4.31227	0.234279	0.459329	-2.17709	0.100098	0.324904	-3.07783	0.0597502
cg10714284	HLA-DMB	0.0355744	0.00405251	0.0953802	-10.4844	0.0222725	0.188604	-5.30212	0.0653595	0.283769	-3.524	0.189854
cg10123514	HLA-DMB	0.0382716	0.312603	0.556874	-1.79574	0.00790033	0.148141	-6.75032	0.02444	0.222536	-4.49366	0.0141167
cg10310595	HLA-DMB	0.0410283	0.0400016	0.237559	-4.20948	0.0111395	0.145615	-6.86745	0.0106903	0.143275	-6.97959	0.135036
cg23026930	HLA-DMB	0.0426865	0.178271	0.351461	-2.84526	0.113113	0.283475	-3.52765	0.0285111	0.151139	-6.61643	0.188682
cg16236263	HLA-DMB;HLA-DMB	0.0134657	0.0149319	0.175345	-5.70306	0.00265795	0.0891393	-11.2184	0.00558181	0.120376	-8.30729	0.0795801
cg00575744	HLA-DMB;HLA-DMB	0.0353598	0.0270441	0.233778	-4.27756	0.0138946	0.184984	-5.40586	0.0335542	0.251928	-3.96939	0.211602
cg26306056	HLA-DOA	1.08E-06	0.128705	0.797614	-1.25374	4.27E-05	0.342588	-2.91896	3.77E-06	0.226058	-4.42365	4.11E-07
cg06954660	HLA-DOA	2.31E-05	0.0127341	1.62475	1.62475	0.734115	0.947947	-1.05491	5.99E-06	0.20346	-4.91498	0.000337736
cg23220637	HLA-DOA	3.31E-05	0.00259202	0.374946	-2.66705	0.120302	0.673	-1.48588	5.32E-05	0.16983	-5.88826	0.00871141
cg18824596	HLA-DOA	4.13E-05	0.023714	0.812345	-1.231	0.0285422	1.22005	1.22005	1.08E-06	0.375541	-2.66283	0.0638359
cg05683739	HLA-DOA	5.45E-05	0.0578024	0.657891	-1.52001	0.00274435	0.446259	-2.24085	6.63E-06	0.141515	-7.06639	0.331813
cg18043773	HLA-DOA	5.90E-05	3.05E-05	0.208138	-4.80451	0.000420655	0.340772	-2.93451	4.25E-05	0.223388	-4.47651	0.000540389
cg02958551	HLA-DOA	6.93E-05	0.128299	0.750699	-1.33209	0.42642	1.15218	1.15218	9.62E-07	0.105124	-9.51256	0.461286
cg14671277	HLA-DOA	7.42E-05	0.455054	1.13521	1.13521	0.00155445	0.468512	-2.13442	9.14E-06	0.202006	-4.95035	0.00126138
cg18516035	HLA-DOA	7.87E-05	0.189868	0.826578	-1.20981	0.0405446	0.722936	-1.38325	3.31E-06	0.221693	-4.51075	0.0295813
cg17214455	HLA-DOA	8.17E-05	0.000257019	0.307435	-3.25272	0.170627	1.3311	1.3311	0.0173038	0.566515	-1.76518	0.000127815
cg10297701	HLA-DOA	8.35E-05	0.581788	1.10305	1.10305	0.640886	1.08636	1.08636	2.89E-05	0.235238	-4.25101	0.00334245
cg26175846	HLA-DOA	8.57E-05	0.0102557	0.509012	-1.96459	0.108956	1.44026	1.44026	0.000251247	0.28363	-3.52572	0.00191834
cg07173283	HLA-DOA	9.31E-05	0.015264	1.49375	1.49375	0.0216256	0.689687	-1.44993	4.61E-05	0.354684	-2.81941	0.0454994
cg17313945	HLA-DOA	9.98E-05	0.683893	0.941978	-1.0616	0.0284917	1.45857	1.45857	0.0223485	0.670521	-1.49138	0.000272439
cg14686676	HLA-DOA	0.000112827	0.0414372	0.766366	-1.30486	0.000941828	1.74748	1.74748	0.000940101	0.572159	-1.74777	4.23E-05
cg24476363	HLA-DOA	0.000119297	0.179145	0.656234	-1.52385	0.69286	0.889424	-1.12432	5.88E-05	0.111249	-8.98886	0.00939326
cg20024110	HLA-DOA	0.000125424	0.0123097	0.47761	-2.09376	2.00E-05	7.74456	7.74456	0.00254906	2.69765	2.69765	0.299693
cg16914277	HLA-DOA	0.000127921	0.000135977	2.25296	2.25296	0.00569541	1.56207	1.56207	0.384064	0.896033	-1.11603	0.00758426

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg26600103	HLA-DOA	0.00013631	0.140355	0.740122	-1.35151	1.79E-05	0.189574	-5.27499	9.57E-05	0.2607789	-3.73428	0.0014219	0.656566	-1.52308	0.0055085	0.500456	-1.99818	0.13662	0.737686	-1.33559	0.00281684	0.458107	-1.18289	2.03E-05	0.1199101	-5.02358	0.0182722	0.580735	-1.72106	20.4844	11.6773	0.506717	1
cg06788504	HLA-DOA	0.00021828	0.291508	0.793409	-1.26038	0.9436111	1.01507	1.01507	7.51E-05	0.218795	-4.57048	0.28958	0.792619	-1.26164	376	0.825231	-1.21178	0.00213347	0.401616	-2.48994	0.0394838	0.604369	-1.65462	777.06	0.125725	-7.9539	0.8009331	1.05487	1.0548	17.9401	12.7016	0.629333	1
cg14630099	HLA-DOA	0.00024843	0.848475	0.967195	-1.03392	0.8809303	0.713157	-1.4014	6.14E-06	0.17122	-5.84044	0.478702	0.881978	-1.13381	0.391853	0.858149	-1.1653	0.3227	1.19408	1.19408	0.000763939	2.43302	2.43302	0.537089	0.896743	-1.11515	0.60765	1.09451	1.09451	17.3189	8.34095	0.428099	1
cg29333164	HLA-DOA	0.00026385	0.00017295	0.314873	-1.17581	0.0020007	0.453905	-2.2074	2.06E-05	0.2306889	-4.74633	0.00294007	0.477332	-2.09503	0.0313583	0.633023	-1.57972	0.0070027	0.529001	-1.89063	0.1122866	1.35335	1.35335	0.00446513	0.502963	-1.98814	0.693347	0.930752	-1.0744	17.0377	8.84761	0.461596	1
cg18030265	HLA-DOA	0.00041757	0.180306	0.726381	-1.37669	0.297151	0.784383	-1.27489	7.10E-05	0.196417	-5.09122	0.0862828	0.653237	-1.53084	0.101559	0.676588	-1.478	0.11741	1.46537	1.46537	0.909156	0.97468	-1.02598	2.74E-05	0.155973	-6.41138	0.343435	1.25419	1.25419	15.0181	12.0079	0.710718	1
cg00988577	HLA-DOA	0.00043677	0.956613	0.984399	-1.01585	0.7488539	0.911348	-1.09728	0.00127767	0.725385	-1.88674	0.301044	1.36301	0.00552371	0.348549	2.86904	0.0026953	0.447036	-2.23605	0.000213491	0.167404	-5.97357	3.32E-05	0.0975669	-10.2494	0.831163	0.940158	-1.06365	14.8648	19.6643	1.17589	1
cg13336690	HLA-DOA	0.00046184	0.141211	1.45768	1.45768	0.0195066	0.510501	-1.95886	7.89E-05	0.182709	-5.4732	0.0020182	0.354391	-2.82174	0.463554	1.19446	1.19446	0.324961	1.27389	1.27389	0.00147392	0.33523	-2.98302	0.000297597	0.240431	-6.06452	0.603091	0.882555	-1.13307	14.6084	13.1231	0.798512	1
cg07294795	HLA-DOA	0.00079118	0.826713	0.95969	-1.04634	0.2992132	1.49393	1.45893	0.00099056	0.942799	-2.9172	0.0337623	0.599064	-1.64227	0.0022768	0.279503	-1.57778	0.191652	0.834084	-1.19862	0.0295915	0.562551	-1.77307	0.00246659	0.201158	-4.95832	0.957582	1.01111	1.01111	12.8532	8.60834	0.60155	1
cg11527772	HLA-DOA	0.00053563	0.0464026	0.454024	-2.20253	0.291077	0.684422	-1.46159	0.0105671	0.328528	-3.04388	0.011119	0.523313	-3.09021	0.0033794	0.199166	-5.02093	0.133733	1.33703	1.33703	0.00349012	0.315191	-3.17268	0.00216784	0.285453	-3.5032	0.0370498	0.493928	-2.02459	10.5505	14.181	1.19476	1
cg09132634	HLA-DOA	0.00035246	0.397634	1.31674	1.31674	0.0706289	0.574332	-1.74119	0.0013702	0.242481	-4.12404	0.14829	0.902759	-1.10653	0.0653291	0.503326	-1.98703	0.258136	0.687371	-1.4552	0.0634605	0.503326	-1.98703	0.00165005	0.198853	-7.56075	0.562769	0.830559	-1.2043	8.27972	13.2352	1.421	1
cg04615290	HLA-DOA	0.00564172	0.023604	0.378805	-2.63988	0.0386286	0.363776	-2.36376	0.814883	1.08788	1.08788	0.520858	1.26373	1.26373	0.00244855	0.113417	-8.817	0.099113	0.522407	-1.91422	0.270828	0.662498	-1.50944	0.0784894	0.49564	-2.01759	0.0893154	0.510026	-1.95978	7.07206	14.4465	1.81578	1
cg25535873	HLA-DOA	0.00080307	0.176179	-7.82528	0.177877	0.179052	0.179052	-5.58615	0.0297839	0.331193	-2.84744	0.0483089	0.397204	-2.51576	0.00435061	0.21328	-4.68867	0.53755	1.2912	1.2912	0.626195	0.815281	-1.22637	0.0101719	0.265485	-3.76569	0.642438	0.835485	-1.19801	6.70889	17.7907	2.57516	1
cg27193345	HLA-DOA	0.00682076	0.187964	1.65151	1.65151	0.3840151	1.37847	1.37847	0.0001599	0.342928	-2.91607	0.29454	1.47837	1.47837	0.000852804	0.240464	-6.06192	0.144592	1.7568	1.7568	0.0100663	0.301302	-2.49189	0.0233048	0.377248	-2.65078	0.739353	1.12942	1.12942	6.66879	13.6574	1.82041	1
cg06504039	HLA-DOA	0.00786473	0.582539	1.14949	1.14949	0.0338361	1.862333	1.862333	0.0052731	0.39727	-2.51718	0.25568	1.34688	1.34688	0.140723	0.67348	-1.48482	0.216023	1.38646	1.38646	0.251459	0.724165	-1.38046	0.0107408	0.327099	-3.05718	0.140747	1.4883	1.4883	6.78226	6.36235	0.886671	1
cg05408403	HLA-DOA	0.00790946	0.251645	1.5486	1.5486	0.0078236	6.38271	6.38271	0.0001597	0.342511	-3.18273	0.0490871	0.227137	-2.27137	0.550458	0.636075	-1.57206	0.613468	1.20945	1.20945	0.2292594	0.391314	-2.55549	0.568709	0.810289	-1.23413	0.0073264	0.598153	1.35812	6.34613	10.4044	1.87741	1
cg02389091	HLA-DOA	0.00836018	0.281586	0.830908	-1.2035	0.449067	0.880126	-1.1362	0.00019266	0.353823	-2.82628	0.273359	0.828041	-1.20767	0.405423	1.15131	1.15131	0.514859	1.11552	1.11552	0.0721655	1.39403	1.39403	0.106535	0.74698	-1.33872	0.429789	0.875107	-1.14272	6.25632	2.71496	0.385737	1
cg18307545	HLA-DOA	0.00865249	0.215797	0.677368	-1.47613	0.922751	1.02943	1.02943	0.00110188	0.237267	-4.21465	0.128247	0.611631	-1.63503	0.0170481	0.419004	-2.38627	0.122334	0.606122	-1.64983	0.120935	0.604786	-1.65348	0.00153734	0.223944	-3.90731	0.246309	1.43698	1.43698	6.21827	8.80579	1.25877	1
cg17777731	HLA-DOA	0.00890585	0.205482	1.59702	1.59702	0.106378	0.706357	-1.44571	0.00681065	0.250064	-3.99	0.0214889	0.215828	0.636075	-1.5856	0.1312397	0.5042435	0.509982	0.791175	-1.26394	0.159445	0.590405	-1.69375	0.000389931	0.137838	-7.25488	0.182158	1.64449	1.64449	6.1528	11.1939	1.72926	1
cg13132775	HLA-DOA	0.00952297	0.519717	1.25249	1.25249	0.5522363	2.116335	2.116335	0.423995	0.75451	-1.32536	0.317608	0.700214	-1.42813	0.00164935	0.213149	-4.73053	0.0436846	0.449349	-2.22544	0.0210951	0.384103	-2.60347	0.00446957	0.270174	-3.69858	0.714117	0.880801	-1.13533	6.00357	11.3153	1.67535	1
cg05281796	HLA-DOA	0.01084779	0.858815	1.08325	1.08325	0.2026089	1.353157	1.353157	0.2331025	1.23103	-1.28948	0.0216219	0.144637	-6.91355	0.1441548	0.491091	-2.0326	0.003355	0.16658	-6.0031	0.0677019	0.224534	-4.45553	0.0148613	0.127506	-7.84111	0.579528	1.14184	1.14184	6.29899	-1.37915	1.57828	18.3938	2.83939	1
cg07152800	HLA-DOA	0.01116334	0.190948	1.50144	1.50144	0.0934107	1.251548	1.251548	0.71306	0.897261	-1.11145	0.159953	0.637324	-1.56906	0.567237	0.843892	-1.18499	0.729194	1.10739	1.10739	0.076704	0.55375	-1.80914	0.00297262	0.302265	-3.30835	0.17098	1.53397	1.53397	5.70533	7.78384	1.21272	1
cg02115397	HLA-DOA	0.01150572	0.815063	1.09783	-1.07414	0.7387323	1.1848	1.1848	0.3395	0.849355	-1.17648	0.0238561	0.755036	-1.36048	0.0031439	0.294957	-3.39032	0.864746	0.940288	1.10542	0.2779328	0.196435	-5.08869	0.0001945	0.042259	-23.6435	-5.41686	0.561584	0.835962	-1.19623	6.52878	8.04397	1.23188	1
cg27213800	HLA-DOA	0.01365994	0.217079	1.43052	1.43052	0.6097827	1.749	1.749	0.080323	0.585767	-1.70716	0.304361	1.34078	1.34078	0.0596631	0.555659	-1.79666	0.781104	0.926077	-1.07982	0.535834	1.18869	1.18869	0.00698122	0.382135	-2.61687	0.00374803	0.339972	-2.94342	5.34292	6.43154	1.07	1
cg15737554	HLA-DOA	0.01419119	0.1518	0.534668	-1.87032	0.411702	0.710165	-1.40812	0.00245388	0.179199	-5.57417	0.0127148	0.28293	-3.53444	0.224606	0.59459	-1.68183	0.734474	0.870387	-1.14891	0.0246115	0.335731	-2.97857	0.00145912	0.153458	-6.51643	0.306834	0.649617	-1.53937	5.72621	13.8937	2.34069	1
cg27452521	HLA-DOA	0.01702721	0.732085	1.05804	1.05804	0.0883171	1.354501	1.354501	0.14322	0.5004112	0.998	0.998	0.138271	0.638797	-1.56454	0.2211828	0.4521357	0.613468	1.20945	1.20945	0.2292594	0.391314	-2.55549	0.568709	0.810289	-1.23413	0.0073264	0.598153	1.35812	6.34613	10.4044	1.87741	1
cg05043388	HLA-DOA	0.02422718	0.0765751	0.347708	-2.87598	0.591002	1.39581	1.39581	0.0682696	0.334607	-2.98858	0.125401	0.410873	-2.43384	0.0380035	0.275268	-3.63282	0.0081223	0.162456	-6.15551	0.00203823	0.0971018	-10.2985	0.13358	0.419895	-2.38155	0.545798	0.720469	-1.38798	4.60219	20.0515	4.0488	1
cg20842677	HLA-DOA	0.02508258	0.788555	1.16496	1.16496	0.0310081	1.237245	-1.40937	0.00108186	0.237267	-4.21465	0.128247	0.611631	-1.63503	0.0170481	0.419004	-2.38627	0.122334	0.606122	-1.64983	0.120935	0.604786	-1.65348	0.00153734	0.223944	-3.90731	0.246309	1.43698	1.43698	6.21827	8.80579	1.25877	1
cg24936356	HLA-DOA	0.03264665	0.461771	0.916432	-1.09119	0.0998865	1.23171	1.23371	0.297412	1.13409	-1.13409	0.0186775	1.39383	1.39383	0.211828	0.2550164	0.4716897	0.509982	0.791175	-1.26394	0.159445	0.590405	-1.69375	0.000389931	0.137838	-7.25488	0.182158	1.64449	1.64449	6.1528	11.1939	1.72926	1
cg25061610	HLA-DOA	0.03341655	0.370713	0.735512	-1.3596	0.538503	1.23137	1.23137	0.00614688	0.302811	-3.30239	0.435563	0.766551	-1.30455	0.102957	0.550906	-1.81519	0.0436846	0.449349	-2.22544	0.0210951	0.384103	-2.60347	0.00446957	0.270174	-3.69858	0.714117	0.880801	-1.13533	6.00357	11.3153	1.67535	1
cg05180946	HLA-DOA	0.03519047	0.0119047	0.0119047	-83.9706	0.2729124	1.28435	-1.28845	0.2133165	1.230769	-1.29208	0.0180862	0.191195	0.636075	-1.57206	0.1441348	0.4910891	0.613468	1.20945	1.20945	0.2292594	0.391314	-2.55549	0.568709	0.810289	-1.23413	0.0073264	0.598153	1.35812	6.34613	10.4044	1.87741	1
cg01720176	HLA-DOA	0.03920313	0.325782	1.67334	1.67334	0.120827	1.35283	1.35283	0.429145	0.663952	-1.50613	0.3881661	1.5664	1.5664	0.0001597	0.342511	-3.18273	0.0050832	0.092014	0.092014	0.012901	0.203966	-4.87885	0.544877	0.732673	1.3647	0.0529495	0.052373	3.75056	15.1305	3.6246	1
cg08480810	HLA-DOA;HLA-DOA	0.03988308	0.297078	0.898402	-1.07414	0.7387323	1.1848	1.1848	0.3395	0.849355	-1.17648	0.0238561	0.755036	-1.36048	0.0031439	0.294957	-3.39032	0.864746	0.940288	1.10542	0.2779328	0.196435	-5.08869	0.0001945	0.042259	-23.6435	-5.41686	0.561584	0.835962	-1.19623	6.52878	8.04397	1.23188	1
cg00409301	3.35E-05		0.0104837	0.621468	-1.60909	0.007730717	0.468531	-2.13433	2.43E-06	0.184581	-5.41767	0.8260161	1.5664	1.5664	0.0001597	0.342511	-3.18273	0.0050832	0.092014	0.092014	0.012901	0.203966	-4.87885	0.544877	0.732673	1.3647	0.0529495	0.052373	3.75056	15.1305	3.6246	1
cg03477130	HLA-DOA	7.14E-05	0.0178652	0.693626	-1.4417	0.532918	0.922381	-1.08356	4.49E-05	0.37477	-2.6683	0.2752925	1.15514	1.15514	2.16E-06	0.228448	-4.3766	0.0105074	0.664208	-1.50555	0.343198	1.13211	1.13211	0.0207269	0.701964	-1.42457	0.00960497	0.659278	-1.51681	14.2258	6.19552	0.227325	1
cg11469594	HLA-DOA	0.00012125	0.00032654	0.0032654	-30.6386	0.0032654	0.0032654	-30.6386	-17.7498	0.022-05	-45.0435	0.0032654	0.0032654	-30.6386	-17.7498	0.022-05	-45.0435	0.0093009	0.349013	-2.86479	0.1428	0.0093009	0.349013	-2.86479	0.1428	-4.46855	0.0003154	0.0093009	0.349013	-2.86479	0.1428	-4.46855	0.0003154	1
cg21454965	HLA-DOA	0.00014471	6.06E-05	0.210862	-4.74244	0.0251823	0.74968	0.74968	0.143954	0.71901	-1.3908	0.118144	1.42834	1.42834	0.0176635	0.545285	-1.8339	0.781104	0.926077	-1.07982	0.535834	1.18869	1.18869	0.00698122	0.382135	-2.61687	0.00374803	0.339972	-2.94342	5.34292	6.43154	1.07	1
cg19350197	HLA-DOA	0.00014519	0.29142	0.4326	0.4326	0.0005355	0.29746	-3.3574	0.0001484	0.122612	-8.15581	0.369276	0.736104	-1.3585	0.0001629	0.33183	-3.01359	0.0044207	0.4952	1.47052	0.0153924	0.1058	-9.45455	0.0001656	0.0081696	-12.3199	0.0001857	0.0122207	-8.18537	0.7253	0.1542	0.4	1
cg01518844	HLA-DOA	0.00153854	0.698482	-1.43168	0.8262268	0.542986	1.84167	0.00135722	0.364615	0.7502	-1.33287	0.0134398	0.755036	-1.36048	0.0031439	0.294957	-3.39032	0.864746	0.940288	1.10542	0.2779328	0.196435	-5.08869	0.0001945	0.042259	-23.6435	-5.41686	0.561584	0.835962	-1.19623	6.52878	8.04397	1.23188	1
cg04193678	HLA-DOA	0.0108759	0.114829	0.362767	-2.75659	0.00633151	0.122206	-8.18293	0.0674745	0.29775	-3.35853	0.142608	2.53937	2.53937	0.00498299	0.11103	-9.00659	0.0552383	0.276628	-3.61497	0.00605765	0.120075	-8.32813	0.0895584	0.330603	-3.02478	0.0144603	0.168287	-5.94224	7.57351	31.8634	4.92275	1
cg17369196	HLA-DOA	0.00170813	0.240313	0.723873	-1.38161	0.2086359	0.886	-1.12715	0.00080394	0.186665	-5.36115	0.0001963	0.196475	0.636075	-1.57206	0.1441348	0.4910891	0.613468	1.20945	1.20945	0.2292594	0.391314	-2.55549	0.568709	0.810289	-1.23413	0.0073264	0.598153	1.35812	6.34613	10.4044	1.87741	1
cg18073883	HLA-DOA	0.00173886	0.2210537	0.396196	-2.524	0.212981	0.357498	-2.79722	0.00059248	0.167692	-5.96333	0.734893	0.892794	-1.12008	0.0312255	0.430249	-2.32424	0.965174	0.985038	-1.01467	0.8115544	0.525141	-1.90425	0.101739	0.550068	-1.81796	0.258084	0.674532	-1.48251	5.3328	9.402	1.56716	1
cg18537749	HLA-DOA	0.00144573	0.251723	0.27313	-2.27313	0.0290399	0.165354	-5.38078	0.0004838	0.287192	-3.48199	0.3671556	1.83396	1.83396	0.0013799	0.2549825	0.6107314	0.2041	0.313664	0.0055895	0.0360791	-3.18457	0.210078	0.421179	-2.37429	0.109753	0.41732	-2.39624	5.24771	15.5955	6.69352	1
cg22016094	HLA-DOA	0.00181213	0.112934	-3.64652	0.2124	0.0555307	0.320458	-3.12054	0.00879354	0.173811	-5.75336	0.0175511	0.351244	0.0709354	0.0238412	0.243105	-4.27545	0.239309	0.524001	-1.90839	0.1566196	0.0884793	-10.1338	0.0120495	0.135195	-7.39705	0.0118642	0.102565	-9.75358	5.24709	22.4252	5.87209	1
cg04576021	HLA-DOA	0.0029165	0.242544	0.676886	-1.47735	0.178303	0.6336	-1.57828	0.000965814	0.208509	-4.79596	0.502059	0.85	1.24224	0.0717898	0.526557	-1.89913	0.0256731	0.492283	-2.32947	0.192015	0.645407	-1.55374	0.0245501	0.425457	-2.35041	0.107619	0.574007	-1.75174	4.19219	6.75993	1.43334	1
cg13906837	HLA-DOA	0.00196-05	0.141627	1.21717	1.21717	0.0031391	0.567515	1.58207	0.00216	0.2-05	-4.58375	0.174272	0.60562734	0.4302	0.0004824	0.155516	0.6437197	0.0299143	0.582791	1.67432	0.0731442	0.7082	-1.41202	0.540373	0.7082	-1.41202	0.0004824	0.155516	0.6437197	0.0299143	0.582791	1.67432	0.0731442	1
cg20617328	HLA-DOA	0.00010754	0.235327	0.701385	-1.42575	0.0181081	0.441074	-2.26719	1.70E-05	0.0807777	-12.3797	0.0113307	0.40484	-2.47011	0.000595815	0.245865	-4.06727	0.523711	1.02236	1.02236	0.0039441	0.33091	-3.02197	7.35E-06	0.0597382	-16.7397	0.0021175	0.6851116	-1.46818	21.9233	28.2182	1.14493	1
cg21451043	HLA-DOA	0.00019952	0.00017297	0.12	-8.3333	0.0055355	0.079746	-3.35744	0.0001484	0.122612	-8.15581	0.369276	0.736104	-1.3585	0.0001629	0.33183	-3.01359	0.0044207	0.4952	1.47052	0.0153924	0.1058	-9.45455	0.0001656	0.0081696	-12.3199	0.0001857	0.0122207	-8.18537	0.7253	0.1542	0.4	1
cg01140143	HLA-DOA	0.00028183	0.0318854	0.698482	-1.43168	0.0262268	0.542986	-1.84167	0.00135722	0.364615	-2.74262	0.00679252	0.460372	-2.17216	2.77E-05	0.275072	-3.63542	0.0015832	0.530947	-1.96099	0.0940846	0.480704	-2.08301	0.000252149	0.401042	-2.49351	0.00349856	0.434227	-2.30295	22.6056	6.78651	0.2335	1
cg01557880	HLA-DOA	0.00024574	0.00047256	0.107364	-9.31414	0.8322676	0.917431	-1.09	0.00496894	0.109209	-9.15679	0.0358702	0.370814	-2.69677	1.93E-05	0.2294535	-33.9518	0.159685	0.543055	-1.84143	0.000186236	0.0770177	-12.984	0.0150757	0.297081	-3.36609	0.004623	0.216271	-4.62383	17.2047	44.9916	2.32451	1
cg13431567	HLA-DOA	0.00031647	0.00031647	0.101161	-9.88933	0.0031647	0.101161	0.101161	0.00031647	0.101161	-9.88933	0.0031647	0.101161	-9.88933	0.0031647	0.101161	-9.88933	0.0045807	0.146327	-6.83407	0.0021644	0.0462308	-21.6389	0.0031647	0.101161	-9.88933	0.0031647	0.101161	-9.88933	0.0031647	0.101161	-9.88933	0.0031647	1
cg20069765	HLA-DOA	0.00063725	0.01091	1.11051	1.11051	0.034049	0.60328	-1.65761	0.00055038	0.334198	-2.99224	0.953831	1.0119	1.0119	0.0054124	0.473392	-2.11241	0.119483	0.75811	-1.31907	0.0128993	1.87882	1.87882	4.86E-05	0.210043	-4.76093	0.317158	0.809575	-1.23522	13.354	8.82644	0.587518	1
cg00782281	HLA-DOA	0.00081127	0.00729281	0.137136	-7.29295	0.0224	0.259308	-4.54486	0.00060885	0.175714	-5.69255	0.0001704	0.214962	0.0078749	0.0026597	0.1744862	0.0018794	0.0031538	0.0599257	0.0001704	0.0125259	0.0125259	0.0031538	0.0599257	0.0001704	0.0125259	0.0125259	0.0031538	0.0599257	0.0001704	0.0125259	0.0125259	0.0031538	1
cg01804934	HLA-DOA	0.00156837	0.00504324	0.432457	-2.31237	0.503554	1.16583	1.16583	0.000107457	0.213552	-4.68269	0.0509169	0.604936	-1.65307	0.000568902	0.29925	-3.34169	0.759861	0.933051	-1.07175	0.0254662	0.548721	-1.82242	0.127958	0.689379	-1.45058	0.0124346	0.495047	-2.02001	10.3459	9.37102	0.719216	1
cg09493313	HLA-DOA	0.00174086	0.0458583	0.409942	-2.43997	0.827237	1.09554	1.09554	0.00069008	0.115019	-8.69424	0.482333	0.742220	-1.34726	0.00012317	0.1610353	6.184	0.0042653	0.202651	-4.93459	0.933508	1.03545	1.03545	0.0222155	0.318443	-3.14028	0.0123461	0.272384	-3.67129	10.0385	27.708	2.45348	1
cg09321817	HLA-DOA	0.00200095	0.0284918	0.356456	-2.80532	0.0313791	0.557515	-1.58207	0.00216	0.2-05	-4.58375	0.174272	0.60562734	0.4302	0.0004824	0.155516	0.6437197	0.0299143	0.582791	1.67432	0.0731442	0.7082	-1.41202	0.540373	0.7082	-1.41202	0.0004824	0.155516	0.6437197	0.0299143	0.582791	1.67432	0.0731442	1
cg29941409	HLA-DOA	0.00374756	0.0579754	0.342367	-2.92084	0.0680632	0.359889	-2.77864	0.00115502	0.0918158	-10.8914	0.0416183	0.308871	-3.23759	0.000953028	0.0852138	-11.7352	0.0078163	0.181275	-5.51649	0.0149976	0.224119	-4.46191	0.00107704	0.0893714	-11.1893	0.0866771	0.388133	-2.57644	0.08003	31.7251	3.52147	1
cg24287218	HLA-DOA	0.00657369	0.123882	0.481911	-2.07554	0.870154	1.0581	-1.9581	0.00012183	0.1-05	-8.21062	0.0002842	0.173443	-5.76725	0.0002842	0.173443	-5.76725	0.0298148	0.123882	0.481911	-2.07554	0.870154	1.0581	-1.9581	0.00012183	0.1-05	-8.21062	0.0002842	0.173443	-5.76725	0.0002842	0.173443	-5.76725	1
cg13402130	HLA-DOA	0.00784245	0.621074	0.36635	0.498002	0.15944	1.53944	0.0176503	0.155126	-5.64639	0.618741	1.36926	1.36926	0.00056369	0.0273579	0.36552	-2.74262	0.241436	0.461814	2.16537	0.0613944	0.26093	-3.83245	0.00277075	0.0657546	-15.208	0.243715	0.463272	-2.15856	7.30863	44.3582	4.72056	1
cg25283336	HLA-DOA	0.00786297	0.254229	2.26532	2.26532	0.5142024	0.634911	-1.57502	0.025525	0.155506	-6.43063	0.755026	0.807625	-1.2382	0.000738722	0.235213	-42.5148	0.907545	1.0825	1.0825	0.1118782	3.2222	3.2222	0.00286589	0.0523599	-19.0986	0.591349	0.690517	-1.44819	7.30207	52.7033	5.61368	1
cg05995528	HLA-DOA	0.00193317	0.1633	0.642196	-1.55702	0.2822223	0.882223	-1.13911	0.00144181	0.183664	-5.44467	0.0001726	0.189704	-5.27258	0.0001726	0.189704	-5.27258	0.0298148	0.123882	0.481911	-2.07554	0.870154	1.0581	-1.9581	0.00012183	0.1-05	-8.21062	0.0002842	0.173443	-5.76725	0.0002842	0.173443	-5.76725	1
cg25824217	HLA-DOA	0.00931774	0.207578	0.666284	-1.50086	0.0514445	0.507879	-1.96897	0.00237742	0.240049	-3.64898	0.0187506	0.259919	-3.84736	0.0673941	0.537442	-1.85746	0.040367	0.484993	-2.06188	0.0293151	0.2191	0.00292824	0.288844	-3.46622	0.0526788	0.510169	-1.96014	0.04536	8.93863	1.3143	1
cg19521592	HLA-DOA	0.00969078	0.525717	1.22531	1.22531	0.3188651	1.403383	1.403383	0.0001484	0.122612	-8.15581	0.369276	0.736104	-1.3585	0.0001629	0.33183	-3.01359	0.0044207	0.4952	1.47052	0.0153924	0.1058	-9.45455	0.0001656	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17833071	HLA-DPB2	0.00606464	0.643059	0.787706	-1.26951	0.000411017	17.6064	17.6064	0.428138	1.51233	1.51233	0.553749	1.35837	1.35837	0.769785	1.1619	1.1619
cg21870640	HLA-DPB2	0.00636603	0.372813	0.682522	-1.46515	0.000396952	10.5289	10.5289	0.134584	0.509923	-1.96108	0.611015	1.2388	1.2388	0.980064	1.01049	1.01049
cg24310786	HLA-DPB2	0.00677304	0.088853	0.610393	-1.63829	0.000505478	4.17767	4.17767	0.553394	0.854102	-1.17082	0.26276	0.735559	-1.35951	0.0762799	0.595246	-1.67998
cg23640002	HLA-DPB2	0.00683239	0.866026	1.04175	1.04175	0.00221391	2.82555	2.82555	0.804547	1.0619	1.0619	0.220467	1.36621	1.36621	0.842603	1.04934	1.04934
cg03978169	HLA-DPB2	0.0072551	0.00420841	0.109097	-9.16616	0.218982	0.473666	-2.11119	0.0363562	0.245043	-4.08092	0.100058	0.352903	-2.83364	0.00212048	0.0823525	-12.1429
cg13705753	HLA-DPB2	0.00748267	0.0268833	0.702986	-1.4225	0.0983052	0.783677	-1.27604	0.158036	0.81635	-1.22496	0.502996	0.912667	-1.09569	0.886652	1.01936	1.01936
cg24185832	HLA-DPB2	0.00764172	0.562356	1.35498	1.35498	0.001305	11.3338	11.3338	0.0929512	2.6081	2.6081	0.0107549	5.27013	5.27013	0.30914	1.72611	1.72611
cg25119261	HLA-DPB2	0.00793264	0.897258	0.942877	-1.06058	0.781085	1.13524	1.13524	0.0199354	0.278279	-3.59351	0.619521	1.25596	1.25596	0.0109635	0.233765	-4.27781
cg19325793	HLA-DPB2	0.00825843	0.0240964	0.317334	-3.15126	0.550912	0.773009	-1.29365	0.011109	0.257056	-3.8902	0.204323	0.564642	-1.77103	0.00659741	0.222013	-4.50425
cg20839991	HLA-DPB2	0.00912179	0.710644	0.913089	-1.09518	0.151495	0.687316	-1.45493	0.00570573	0.412949	-2.4216	0.132082	0.67263	-1.4867	0.00182023	0.339164	-2.94842
cg02662362	HLA-DPB2	0.0105082	0.849119	0.878599	-1.13818	0.00469862	17.2917	17.2917	0.250815	2.28908	2.28908	0.260437	2.247	2.247	0.114075	0.299891	-3.33455
cg02375585	HLA-DPB2	0.0117393	0.00273821	0.201479	-4.9633	0.00959803	0.280712	-3.56237	0.0771919	0.467075	-2.14098	0.0275376	0.364291	-2.74506	0.398883	0.715603	-1.39742
cg02388468	HLA-DPB2	0.0120859	0.364527	0.751333	-1.33097	0.133928	0.608974	-1.64211	0.0152045	0.400573	-2.49642	0.53343	0.824035	-1.21354	0.00105432	0.226126	-4.42231
cg16544220	HLA-DPB2	0.0122158	0.624947	0.789357	-1.26685	0.334401	0.620044	-1.61279	0.0103772	0.212298	-4.71037	0.117988	0.442656	-2.25909	0.0496565	0.341261	-2.93031
cg11786476	HLA-DPB2	0.012774	0.268567	0.592556	-1.68761	0.0989024	0.4397	-2.27428	0.000881923	0.103962	-9.61891	0.131821	0.477739	-2.09319	0.0471976	0.356551	-2.80465
cg03693749	HLA-DPB2	0.0151031	0.00247519	3.04014	3.04014	0.0135873	2.24115	2.24115	0.0711753	1.70342	1.70342	0.88722	0.963193	-1.03821	0.62562	1.13877	1.13877
cg23376071	HLA-DPB2	0.0154728	0.651449	1.10624	1.10624	0.778935	1.06447	1.06447	0.125467	0.692004	-1.44508	0.203724	0.742424	-1.34694	0.145428	0.706748	-1.41493
cg13192049	HLA-DPB2	0.0154878	0.00736398	2.07678	2.07678	0.0318329	0.58723	-1.70291	0.817099	1.05024	1.05024	0.577275	0.887679	-1.12653	0.519679	0.871008	-1.14809
cg08635376	HLA-DPB2	0.0183868	0.337242	0.675268	-1.48089	0.00305822	0.19992	-5.002	0.0894099	0.475562	-2.10278	0.00873543	0.265575	-3.76542	0.00886136	0.266569	-3.75137
cg26784412	HLA-DPB2	0.0189163	0.0558691	0.255433	-3.91492	0.00616242	0.105276	-9.49887	0.0530007	0.250219	-3.99651	0.0654399	0.271756	-3.67977	0.015039	0.152139	-6.57296
cg22136013	HLA-DPB2	0.0201694	0.109857	0.227583	-4.394	0.243047	0.354327	-2.82225	0.306556	0.406954	-2.45728	0.506055	0.563799	-1.77368	0.00422215	0.0386386	-25.8809
cg05137443	HLA-DPB2	0.0216416	0.0811205	0.431154	-2.31936	0.323516	0.641717	-1.55832	0.089049	0.442258	-2.26113	0.0276012	0.321988	-3.1057	0.0658174	2.45479	2.45479
cg16055526	HLA-DPB2	0.0225579	0.0472563	0.24463	-4.08781	0.274224	0.493785	-2.02517	0.0103745	0.135032	-7.40565	0.118695	0.349768	-2.85904	0.00801848	0.121585	-8.22472
cg01951712	HLA-DPB2	0.0239843	0.0684369	2.09109	2.09109	0.434633	1.33413	1.33413	0.0979482	0.518666	-1.92802	0.0675972	0.476891	-2.09691	0.0202145	0.363214	-2.75319
cg17664233	HLA-DPB2	0.0284391	0.114705	0.338529	-2.95396	0.0548734	0.252898	-3.95416	0.0179359	0.162652	-6.14809	0.529606	0.66892	-1.49495	0.00749315	0.113784	-8.78858
cg17877920	HLA-DPB2	0.0306145	0.0478796	1.72473	1.72473	0.468215	1.19465	1.19465	0.202593	0.723134	-1.38287	0.587177	0.876253	-1.14122	0.0160486	0.491564	-2.03432
cg12474013	HLA-DPB2	0.0335316	0.721258	0.847057	-1.18056	0.955021	0.974205	-1.02648	0.0568951	0.368471	-2.71391	0.0645601	0.382135	-2.61688	0.00152624	0.120742	-8.28209
cg08693832	HLA-DPB2	0.0388718	0.830128	1.06854	1.06854	0.00151863	4.09232	4.09232	0.752459	1.10256	1.10256	0.541376	1.21019	1.21019	0.205388	1.51022	1.51022
cg09676013	HLA-DPB2	0.0393373	0.0223396	0.273851	-3.65162	0.0246543	0.281999	-3.54612	0.623462	0.791277	-1.26378	0.101035	0.427575	-2.33877	0.0613539	0.368881	-2.7109
cg20212304	HLA-DPB2	0.0414121	0.0419412	0.725462	-1.37843	0.0988487	0.780547	-1.28115	0.0942434	0.777342	-1.28644	0.105873	0.785196	-1.27357	0.00679977	0.618698	-1.6163
cg08320861	HLA-DPB2	0.0422085	0.881563	1.05677	1.05677	0.54231	0.795787	-1.25662	0.00720154	0.276767	-3.61315	0.275144	0.656738	-1.52268	0.043816	0.423969	-2.35866
cg01184577	HLA-DPB2	0.0439214	0.200203	0.76643	-1.30475	0.426435	0.852449	-1.17309	0.0147256	0.554242	-1.80427	0.0248516	0.591554	-1.69046	0.00533607	0.486009	-2.05758
cg27264993	HLA-DPB2	0.044832	0.854475	0.91078	-1.09796	0.0105834	5.13745	5.13745	0.451831	1.47723	1.47723	0.00659251	6.02312	6.02312	0.778068	1.15468	1.15468
cg06296184	HLA-DPB2	0.0493971	0.785926	1.14733	1.14733	0.599706	0.765415	-1.30648	0.0368728	0.294109	-3.40009	0.548155	0.735825	-1.35902	0.0493777	0.322317	-3.10254
cg13778567	HLA-DQA1	0.00034572	0.621991	1.15312	1.15312	0.726578	1.10588	1.10588	0.000381433	0.196643	-5.08536	0.00233837	0.295831	-3.3803	0.229751	0.696792	-1.43515
cg10222549	HLA-DQA1	0.00135799	0.693964	0.874183	-1.14393	0.563555	1.21963	1.21963	0.00021766	0.122842	-8.14054	0.00461455	0.277559	-3.60284	0.0475206	2.16129	2.16129
cg12715811	HLA-DQA1	0.00277051	0.0128587	0.331411	-3.0174	0.282322	1.49096	1.49096	0.00117639	0.182326	-5.48468	0.322345	0.693854	-1.44122	0.0357999	0.41758	-2.39475
cg05370853	HLA-DQA1	0.00294115	0.808423	1.15128	1.15128	0.511772	1.47094	1.47094	0.0206436	0.1986	-5.03525	0.979087	0.984914	-1.01532	0.00299297	0.0943017	-10.6043
cg01244342	HLA-DQA2	5.46E-07	0.920666	1.01627	1.01627	7.68E-06	0.203624	-4.91102	2.37E-05	0.255077	-3.92038	0.01175	0.600573	-1.66508	2.74E-08	0.0367897	-27.1815
cg23117647	HLA-DQA2	1.91E-05	0.0317403	1.57994	1.57994	0.269836	1.23214	1.23214	6.13E-06	0.158975	-6.29029	0.00349251	0.48678	-2.05432	0.0118179	0.564896	-1.77024
cg23870181	HLA-DQA2	3.19E-05	0.831768	0.947613	-1.05528	0.0161726	0.475116	-2.10475	1.85E-05	0.110071	-9.08502	9.36E-05	0.171674	-5.825	0.0140795	0.464583	-2.15247
cg04493778	HLA-DQA2	5.99E-05	0.792614	0.948748	-1.05402	0.0359958	0.614444	-1.62749	1.57E-05	0.168324	-5.94093	0.010815	0.527735	-1.89489	0.000865366	0.368512	-2.71361
cg14740554	HLA-DQA2	8.83E-05	0.335607	1.24493	1.24493	0.00124555	0.353209	-2.83119	7.45E-05	0.204432	-4.8916	0.00757402	0.468643	-2.13382	0.0294795	0.567988	-1.7606
cg26489369	HLA-DQA2	9.40E-05	3.77E-05	0.152822	-6.54354	0.0064865	0.431713	-2.31635	4.31E-05	0.158205	-6.32093	0.000203349	0.227958	-4.38677	0.000630705	0.287344	-3.48015
cg03127506	HLA-DQA2	0.000104148	0.011417	0.418916	-2.38712	0.831379	0.943081	-1.06035	0.00048228	0.222107	-4.50233	0.000103722	0.151569	-6.59765	1.80E-05	0.0901086	-11.0977
cg20399769	HLA-DQA2	0.000273885	0.119336	1.47887	1.47887	0.238702	0.751517	-1.33064	0.248751	0.756472	-1.32193	0.316231	0.786733	-1.27108	0.439503	0.833176	-1.20023
cg01050736	HLA-DQA2	0.000280373	0.184272	0.718516	-1.39176	0.00115072	0.325841	-3.06898	0.000179449	0.225619	-4.43224	0.00105712	0.320867	-3.11656	0.00191167	0.356403	-2.80581
cg02293354	HLA-DQA2	0.00210543	0.344839	1.36587	1.36587	0.957617	1.01718	1.01718	0.00111922	0.214854	-4.65433	0.0123533	0.368547	-2.71336	0.000759988	0.194907	-5.13065
cg22097941	HLA-DQA2	0.00321568	0.711322	0.869423	-1.15019	0.858948	0.935233	-1.06925	0.00126995	0.170347	-5.87037	0.393003	0.71937	-1.39011	0.124382	0.534568	-1.87067
cg17471365	HLA-DQA2	0.00379859	0.201549	0.474601	-2.10703	0.000327363	0.0404478	-24.7232	?	?	?	0.0598585	0.309337	-3.23272	0.00367687	0.114183	-8.75787
cg10023855	HLA-DQA2	0.00444658	0.051717	0.25135	-3.97851	0.00557347	0.103239	-9.68627	0.00528246	0.100922	-9.90868	0.0135072	0.148543	-6.73204	0.0301163	0.203796	-4.90688
cg17524162	HLA-DQA2	0.00475857	0.702745	1.11922	1.11922	0.0375304	0.492197	-2.03171	0.000394165	0.190487	-5.24971	0.0576862	0.532356	-1.87844	0.103232	0.59243	-1.68796
cg15496763	HLA-DQA2	0.00619578	0.307017	1.56692	1.56692	0.865604	1.07459	1.07459	0.000612871	0.10635	-9.4029	0.616265	1.23935	1.23935	0.41774	1.42147	1.42147
cg22282941	HLA-DQA2	0.00813404	0.472905	0.695493	-1.43783	0.0273996	0.273079	-3.66194	0.0100013	0.198365	-5.04121	0.102848	0.411602	-2.42953	0.00414065	0.147756	-6.76791
cg00334532	HLA-DQA2	0.0110514	0.0323122	0.301018	-3.32206	0.0134027	0.230644	-4.33569	0.0177524	0.251358	-3.97839	0.00377891	0.153851	-6.4998	0.00883337	0.202562	-4.93677
cg02786267	HLA-DQA2	0.0115837	0.0395175	2.39312	2.39312	0.187217	0.599143	-1.66905	0.163387	0.57977	-1.72482	0.162201	1.72783	1.72783	0.00844241	0.291565	-3.42976
cg18785140	HLA-DQA2	0.0115912	0.11311	0.467459	-2.13923	0.00702385	0.215019	-4.65076	0.0376125	0.34519	-2.89696	0.247617	0.586796	-1.70417	0.00859856	0.228118	-4.3837
cg20821042	HLA-DQA2	0.0220386	0.100817	0.431074	-2.31979	0.0530949	0.357354	-2.79835	0.208419	0.537442	-1.86067	0.143737	0.479266	-2.08652	0.792527	0.883887	-1.13137
cg06598146	HLA-DQA2	0.0361772	0.884955	1.02885	1.02885	0.00313194	0.452195	-2.21143	0.0932943	0.695795	-1.4372	0.0485659	1.55686	1.55686	0.0514418	0.64684	-1.54598
cg23221363	HLA-DQA2	0.042569	0.0624752	0.730119	-1.36964	0.554712	0.91426	-1.09378	0.00487909	0.571332	-1.7503	0.0946417	0.759117	-1.31732	0.0182499	0.650599	-1.53705
cg19350679	HLA-DQA2	0.0450596	0.798182	0.885884	-1.12882	0.498567	0.722613	-1.38387	0.00719596	0.193879	-5.15786	0.0208606	0.268479	-3.72469	0.106419	0.434435	-2.30184
cg04317588	HLA-DQB1	4.50E-06	0.81899	1.04878	1.04878	6.90E-08	43.2149	43.2149	0.759713	0.938253	-1.06581	0.000934749	2.79022	2.79022	0.25741	1.27833	1.27833
cg27196273	HLA-DQB1	4.54E-05	0.779154	0.947546	-1.05536	1.90E-06	9.62451	9.62451	0.0629787	0.66973	-1.49314	0.00470185	2.0544	2.0544	0.0524589	0.65531	-1.526
cg24593918	HLA-DQB1	6.14E-05	0.0147393	0.453523	-2.20496	2.46E-05	9.12197	9.12197	0.0156489	0.458119	-2.18284	0.000270852	4.82123	4.82123	0.00868072	0.414284	-2.4138
cg09555323	HLA-DQB1	0.000243861	0.294218	1.29939	1.29939	0.00272561	0.369286	-2.70793	0.00160697	0.336518	-2.97161	0.0147812	0.48574	-2.05872	0.00060578	0.28012	-3.56991
cg14323910	HLA-DQB1	0.000301065	?	?	?	0.735697	0.937605	-1.06655	0.000746387	0.191307	-5.2272	?	?	?	0.000591833	0.172678	-5.79113
cg01745539	HLA-DQB1	0.00133677	0.713366	1.13858	1.13858	0.000191317	9.12105	9.12105	0.0423456	0.439339	-2.27615	0.740724	1.1239	1.1239	0.555516	0.810794	-1.23336
cg12752580	HLA-DQB1	0.00426619	0.777357	0.924911	-1.08118	0.619451	1.1478	1.1478	0.000174512	0.173122	-5.77626	0.988242	1.00407	1.00407	0.00142486	0.28066	-3.56302
cg03202060	HLA-DQB1	0.00436441	0.618068	1.18703	1.18703	6.53E-05	12.1868	12.1868	0.469365	0.777957	-1.28542	0.492407	0.788343	-1.26848	0.845843	1.06865	1.06865
cg10180404	HLA-DQB1	0.00587699	0.775871	1.13251	1.13251	0.00133681	7.63557	7.63557	0.0852228	0.436232	-2.29236	0.800059	1.11699	1.11699	0.0906343	2.25407	2.25407
cg03461499	HLA-DQB1	0.0121156	0.07294	1.5719	1.5719	0.152372	1.41432	1.41432	0.627746	0.895395	-1.11683	0.272149	0.772237	-1.29494	0.0160529	1.94711	1.94711
cg16577979	HLA-DQB1	0.0134631	0.0494639	3.19743	3.19743	0.0919209	0.382119	-2.61699	0.0504156	0.314676	-3.17787	0.480428	1.45049	1.45049	0.497943	0.699947	-1.42868
cg03403720	HLA-DQB1	0.0139889	0.0518074	5.58828	5.58828	0.00224023	27.8673	27.8673	0.406905	0.51703	-1.93412	0.912734	0.918295	-1.08897	0.253429	2.52787	2.52787
cg24376311	HLA-DQB1	0.0140887	0.0477506	2.54793	2.54793	0.00351563	5.1316	5.1316	0.983206	1.00873	1.00873	0.585965	1.25514	1.25514	0.153394	1.88066	1.88066
cg23464743	HLA-DQB1	0.0148217	0.0651371	3.21618	3.21618	0.00233967	10.9853	10.9853	0.188649	0.455776	-2.19406	0.0930524	2.83598	2.83598	0.254048	0.510723	-1.95801
cg15752756	HLA-DQB1	0.0191274	0.169451	0.543001	-1.84162	0.906703	1.05013	1.05013	0.8029	1.10997	1.10997	0.00187282	0.158799	-6.29726	0.0200162	0.310053	-3.22526
cg07984212	HLA-DQB1	0.0195397	0.124552	0.214602	-4.65978	0.000999769	92.0317	92.0317	0.335849	0.399153	-2.50531	0.751495	0.74527	-1.3418	0.846117	0.835424	-1.197
[illegible]																	

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17833071	0.0177013	4.3712	4.3712	0.485739	0.696145	-1.43648	0.0819689	2.6791	2.6791	0.00156715	10.2062	10.2062	6.91623	28.6398	3.68085	1
cg21870640	0.194894	1.77253	1.77253	0.205088	0.572259	-1.74746	0.996937	1.0016	1.0016	0.00334074	5.29825	5.29825	6.81323	18.8063	2.45356	1
cg24310786	0.213303	0.708412	-1.41161	0.798913	1.06945	1.06945	0.00784193	0.407587	-2.45346	0.904218	0.968831	-1.03217	6.68338	7.32367	0.974047	1
cg23640002	0.117766	1.50903	1.50903	0.736692	0.921509	-1.08518	0.0221087	1.94391	1.94391	0.000301164	4.15249	4.15249	6.66526	6.19377	0.826011	1
cg03978169	0.158547	0.41846	-2.38972	0.998535	1.00106	1.00106	0.00126926	0.0660058	-15.1502	0.00866927	0.144582	-6.9165	6.54161	34.6139	4.70342	1
cg13705753	0.00129981	0.532723	-1.87715	0.00441358	0.599957	-1.66679	0.00142416	0.537707	-1.85975	0.0448733	0.733803	-1.36276	6.4787	1.85458	0.254451	1
cg24185832	0.0192987	4.33911	4.33911	0.194335	0.490616	-2.03825	0.689299	1.23174	1.23174	0.0019862	9.63158	9.63158	6.43613	27.4173	3.78658	1
cg25119261	0.109993	0.452405	-2.21041	0.00123426	0.1164	-8.59107	0.00195374	0.136149	-7.34489	0.0832895	0.417721	-2.39394	6.36104	20.8845	2.91839	1
cg19325793	0.0582375	0.401209	-2.49246	0.00126139	0.134191	-7.45208	0.00211075	0.158095	-6.32531	0.406754	0.696191	-1.43639	6.28093	18.1114	2.56316	1
cg20839991	0.0889242	0.632689	-1.58055	0.109464	0.653252	-1.5308	0.000754266	0.287503	-3.47823	0.303764	0.771146	-1.29677	6.08635	5.73832	0.838062	1
cg02662362	0.170495	2.75808	2.75808	?	?	?	0.685797	0.758199	-1.31891	0.000900384	52.5262	52.5262	7.94612	49.159	4.6399	1
cg02375585	0.902118	1.04882	1.04882	0.00830289	0.270538	-3.69634	0.0034594	0.214821	-4.65504	0.257558	0.632691	-1.58055	5.61332	13.3455	2.1133	1
cg02388468	0.0729138	0.541283	-1.84746	0.646811	0.868004	-1.15207	0.00326332	0.292124	-3.4232	0.0143638	0.396124	-2.52446	5.56061	8.29161	1.32545	1
cg16544220	0.770846	1.15053	1.15053	0.000630205	0.0802622	-12.4592	0.00715243	0.188722	-5.2988	0.432512	0.680746	-1.46898	5.54134	20.2288	3.24492	1
cg11786476	0.52195	0.744723	-1.34278	0.0711129	0.400298	-2.49814	0.00147929	0.124581	-8.02693	0.536542	0.752602	-1.32872	5.46132	17.8384	2.90339	1
cg03693749	0.0582902	1.7603	1.7603	0.759711	1.08445	1.08445	0.480308	0.827283	-1.20878	0.00339357	2.86505	2.86505	5.16897	5.71744	0.983207	1
cg23376071	0.141808	0.704197	-1.42006	0.429974	0.836221	-1.19586	0.000243543	0.2601	-3.84467	0.904465	1.02702	1.02702	5.12773	4.00311	0.693937	1
cg13192049	0.0217194	0.558209	-1.79144	0.00509682	0.456923	-2.18855	0.773174	0.940682	-1.06306	0.450759	1.17656	1.17656	5.12609	3.63503	0.630331	1
cg08635376	0.062771	0.43564	-2.29547	0.231697	1.64516	1.64516	0.168322	0.558428	-1.79074	0.768979	0.889686	-1.12399	4.84036	12.0744	2.21736	1
cg26784412	0.0853471	0.301688	-3.31468	0.00572745	0.102051	-9.79903	0.00588681	0.10325	-9.68522	0.157181	0.385515	-2.59393	4.79421	30.1421	5.58861	1
cg22136013	0.158191	0.27767	-3.6014	0.0169434	0.0842785	-11.8654	0.00228443	0.0267121	-37.4363	0.017038	0.0845325	-11.8298	4.6911	53.5924	10.1549	1
cg05137443	0.0257516	0.315961	-3.16494	0.111474	0.470389	-2.1259	0.0662371	0.408069	-2.45057	0.0343631	2.92634	2.92634	4.57965	13.7277	2.66448	1
cg16055526	0.142212	0.375843	-2.66068	0.007587	0.118851	-8.41387	0.00596484	0.10756	-9.29711	0.464365	0.630093	-1.58707	4.51493	27.5083	5.41577	1
cg01951712	0.236358	0.638462	-1.56626	0.259365	0.65344	-1.53036	0.00284872	0.226483	-4.41535	0.45846	0.761093	-1.3139	4.4204	9.15511	1.84098	1
cg17664233	0.217031	0.440384	-2.27075	0.905398	1.07796	1.07796	0.00317407	0.0785039	-12.7382	0.098868	0.319005	-3.13475	4.16487	26.2976	5.61257	1
cg17877920	0.235075	1.34971	1.34971	0.00718018	0.4333	-2.30787	0.690511	0.908063	-1.10125	0.276424	1.31364	1.31364	4.05748	3.73152	0.817481	1
cg12474013	0.633909	0.800683	-1.24893	0.302764	1.63984	1.63984	0.0936329	0.425589	-2.34968	0.0805592	0.407387	-2.45467	3.92742	13.3529	3.02215	1
cg08693832	0.645781	1.15351	1.15351	0.945992	1.02112	1.02112	0.0587333	1.9325	1.9325	0.0130827	2.5851	2.5851	3.72208	5.61284	1.34043	1
cg09676013	0.145513	0.477387	-2.09473	0.00701041	0.192141	-5.2045	0.0126772	0.230892	-4.33103	0.115085	0.444593	-2.24925	3.70584	13.1371	3.15109	1
cg20212304	0.0369406	0.717667	-1.3934	0.15532	1.23144	1.23144	0.211806	0.835203	-1.19731	0.107291	0.786102	-1.2721	3.63626	1.0795	0.263885	1
cg08320861	0.317608	1.46606	1.46606	0.04249	0.420983	-2.37539	0.0126386	0.317227	-3.15232	0.98274	0.992021	-1.00804	3.61069	7.84309	1.93083	1
cg01184577	0.0419073	0.630694	-1.58555	0.230401	0.780867	-1.28063	0.0488461	0.642602	-1.55617	0.79825	0.950893	-1.05164	3.55764	2.1775	0.544055	1
cg27264993	0.103564	2.47477	2.47477	0.387332	0.636977	-1.56992	0.343392	1.6435	1.6435	0.030007	3.66678	3.66678	3.53047	14.4869	3.64745	1
cg06296184	0.396477	0.645108	-1.55013	0.0452139	0.313539	-3.1894	0.00669691	0.169398	-5.90327	0.160611	2.13101	2.13101	3.40378	13.7379	3.58762	1
cg13778567	0.854143	0.948611	-1.05417	0.0019164	0.283768	-3.52401	1.41E-05	0.0746552	-13.3949	0.59485	0.857373	-1.16635	15.8226	20.5957	1.15703	1
cg10222549	0.871757	1.05647	1.05647	0.000537322	0.160258	-6.23992	0.0119435	0.34419	-2.90537	0.243055	0.660097	-1.51493	10.7834	19.7452	1.62762	1
cg12715811	0.240009	0.64414	-1.55246	0.00916073	0.306292	-3.26486	0.000251011	0.11545	-8.66173	0.648484	1.17832	1.17832	8.76237	17.738	1.79942	1
cg05370853	0.328653	1.79444	1.79444	0.00117449	0.0631982	-15.8232	0.000446807	0.0402719	-24.8312	0.364428	0.582467	-1.71683	8.60862	45.8539	4.73467	1
cg01244342	0.109934	0.754066	-1.32614	0.126457	0.765041	-1.30712	1.46E-07	0.0694303	-14.4029	0.136535	0.771164	-1.29674	85.5511	35.5598	0.369472	1
cg23117647	0.25059	1.24372	1.24372	6.41E-06	0.160725	-6.22182	2.60E-05	0.220259	-4.54012	0.243137	1.24844	1.24844	34.2732	17.9161	0.464661	1
cg23870181	0.374006	0.793883	-1.25963	0.000132244	0.186924	-5.34977	2.59E-06	0.056752	-17.6205	0.4149	1.23466	1.23466	29.9765	30.3752	0.900713	1
cg04493778	0.0787044	0.677129	-1.47682	2.44E-05	0.186887	-5.35082	1.31E-05	0.1612	-6.20346	0.965556	1.00866	1.00866	25.3801	16.0252	0.561253	1
cg14740554	0.0169606	0.525993	-1.90117	0.000262995	0.266283	-3.7554	4.44E-06	0.0971375	-10.2947	0.626684	0.897492	-1.11422	22.887	17.6459	0.685335	1
cg26489369	0.014259	0.487954	-2.04937	5.90E-05	0.171159	-5.84253	0.0013352	0.330509	-3.02563	0.000546896	0.27948	-3.57807	22.5101	20.0899	0.793322	1
cg03127506	0.0126345	0.426527	-2.34452	0.00167195	0.290758	-3.43929	2.69E-05	0.102412	-9.76443	0.0267011	0.485978	-2.05771	21.9011	26.1986	1.06331	1
cg20399769	0.54606	0.86812	-1.15191	2.30E-06	0.0694554	-14.3977	0.923569	1.02246	1.02246	0.719208	0.919824	-1.08716	16.8649	14.3134	0.754407	1
cg01050736	4.23E-05	0.160761	-6.22041	0.000207016	0.23267	-4.29794	0.0412441	0.575416	-1.73787	0.138355	0.687644	-1.45424	16.7574	14.6211	0.775572	1
cg02293354	0.115057	0.577475	-1.73168	0.945618	0.978377	-1.0221	0.000622443	0.185094	-5.40266	0.474776	1.26228	1.26228	9.4985	15.4479	1.44565	1
cg22097941	0.365988	0.704958	-1.41852	0.00103339	0.160468	-6.23176	0.000539432	0.131893	-7.5819	0.20527	1.65376	1.65376	8.38324	18.8129	1.99477	1
cg17471365	0.201681	0.474716	-2.10652	0.00166596	0.0833048	-12.0041	0.0509904	0.29277	-3.41565	0.0415391	0.272882	-3.66458	8.15033	35.038	4.29897	1
cg10023855	0.0399333	0.227396	-4.39761	0.00063517	0.0378966	-26.3876	0.00237649	0.0711882	-14.0473	0.0131211	0.146825	-6.81082	7.60522	46.8533	5.47616	1
cg17524162	0.63903	1.14886	1.14886	0.0722416	0.554711	-1.80274	0.00392468	0.319781	-3.12714	0.00307435	0.304093	-3.28847	7.45015	10.181	1.21471	1
cg15496763	0.37818	1.46814	1.46814	0.0785881	0.436181	-2.29263	0.00130706	0.137028	-7.2978	0.687205	0.842058	-1.18757	6.87065	19.6266	2.53919	1
cg22282941	0.419912	0.663709	-1.50669	0.00227006	0.119558	-8.36417	0.00136377	0.0990751	-10.0934	0.208499	0.51709	-1.9339	6.31104	24.7309	3.48326	1
cg00334532	0.0298927	0.294097	-3.40024	0.00578446	0.176953	-5.65122	0.00995791	0.210328	-4.75449	0.0951627	0.415496	-2.40676	5.72391	20.7993	3.23	1
cg02786267	0.0666106	2.12489	2.12489	0.00441647	0.248472	-4.02459	0.724302	1.13857	1.13857	0.303869	1.47732	1.47732	5.63762	11.9904	1.89053	1
cg18785140	0.0298295	0.323887	-3.0875	0.00178625	0.140783	-7.10311	0.00574714	0.202616	-4.93544	0.0697658	0.408879	-2.44571	5.63645	17.3614	2.73796	1
cg20821042	0.05557	0.36212	-2.76151	0.00309961	0.150351	-6.65111	0.00176148	0.124141	-8.05537	0.238516	0.561	-1.78253	4.5512	15.8019	3.08625	1
cg06598146	0.618079	0.905965	-1.10379	0.383749	1.19181	1.19181	0.64359	0.912524	-1.09586	0.600774	0.901464	-1.10931	3.82101	2.33597	0.543421	1
cg23221363	0.690176	1.06195	1.06195	0.217545	1.21485	1.21485	0.177437	0.806511	-1.23991	0.831439	0.968528	-1.0325	3.59931	1.28299	0.316849	1
cg19350679	0.182585	0.512279	-1.95206	0.00902234	0.208092	-4.80556	0.0436329	0.333895	-2.99496	0.241393	0.559949	-1.78588	3.52378	12.4801	3.14817	1
cg04317588	0.0023702	2.41242	2.41242	0.0107818	1.94542	1.94542	7.36E-06	7.78756	7.78756	0.109371	1.43718	1.43718	49.8813	34.0999	0.607663	1
cg27196273	0.00682664	1.9574	1.9574	0.0291149	1.63696	1.63696	6.46E-05	4.08328	4.08328	0.217273	0.779745	-1.28247	27.3092	15.887	0.517107	1
cg24593918	0.000266491	4.83954	4.83954	0.401652	1.25375	1.25375	0.00225509	3.08379	3.08379	0.00876952	0.415016	-2.40955	25.2161	27.7172	0.977053	1
cg09555323	0.233398	1.35089	1.35089	0.149155	0.689093	-1.45118	2.99E-05	0.139838	-7.15111	0.00982085	2.19399	2.19399	17.4075	15.9761	0.8158	1
cg14323910	?	?	?	0.000169329	0.0888845	-11.2506	7.74E-05	0.0522058	-19.155	?	?	?	95.2363	26.1673	0.21981	1
cg01745539	0.989383	1.00469	1.00469	0.61256	0.835575	-1.19678	0.000167053	9.53237	9.53237	0.546005	0.806599	-1.23977	10.8322	21.2269	1.74188	1
cg12752580	0.73059	0.909212	-1.09985	0.678979	0.891732	-1.12141	0.0378201	0.515218	-1.94093	0.600215	1.15674	1.15674	7.70121	9.24719	1.06733	1
cg03202060	0.948527	0.978219	-1.02227	0.104617	0.546042	-1.83136	0.280831	1.46574	1.46574	0.233113	1.53183	1.53183	7.64833	14.094	1.63801	1
cg10180404	0.840122	1.09205	1.09205	0.987488	1.00686	1.00686	0.000436195	11.2854	11.2854	0.899073	1.05688	1.05688	6.98365	21.0215	2.67564	1
cg03461499	0.325282	0.794793	-1.25819	0.000708696	3.21087	3.21087	0.0571943	1.62663	1.62663	0.152539	1.4141	1.4141	5.55617	4.49925	0.7198	1
cg16577979	0.542833	0.726598	-1.37628	0.00067565	0.0675485	-14.8042	0.0997035	0.392396	-2.54844	0.635991	1.28045	1.28045	5.36834	22.8575	3.78474	1
cg03403720	0.609949	1.49188	1.49188	0.0106661	12.1333	12.1333	0.00299859	23.6829	23.6829	0.728033	1.31185	1.31185	5.30126	50.7575	8.51075	1
cg24376311	0.347716	0.670669	-1.49105	0.0236107	3.05482	3.05482	0.00144032	6.70781	6.70781	0.432022	1.39281	1.39281	5.2889	14.2997	2.40331	1
cg23464743	0.23438	2.02028	2.02028	0.844288	1.11733	1.11733	0.0156926	5.3157	5.3157	0.0818734	0.336993	-2.96742	5.20121	26.2174	4.48057	1
cg15752756	0.0249952	0.328681	-3.04247	0.0840566	0.450458	-2.21996	0.944482	0.971363	-1.02948	0.110715	2.06486	2.06486	4.77626	13.1664	2.45035	1
cg07984212	0.657967	1.51035	1.51035	0.734558	0.729819	-1.3702	0.0174412	14.5611	14.5611	0.479967	0.514519	-1.94356	4.74189	64.3212	12.0573	1
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg25258233	HLA-DRA	0.00517892	0.0107225	20.03016	-4.99735	0.00438006	0.148184	-6.74838	0.07243	0.360763	-2.73401	0.222665	0.526535	-1.88921	0.0069688	0.173544	-5.76222	0.000440308	0.0617173	-16.2029	0.0122328	0.209365	-4.77634	0.761355	1.17281	1.17281	0.04493096	0.324413	-3.082499	7.26217	28.9459	3.54395	1
cg03383136	HLA-DRA	0.00749084	0.217696	0.758394	-1.72893	0.0375955	0.361165	-2.76881	0.00326934	0.184027	-5.43398	0.0741192	0.294575	-3.39472	0.013554	0.275299	-3.63242	0.14532	0.516737	-1.93522	0.010791	0.258693	-3.86558	0.000576584	0.105511	-9.47768	0.105751	0.474249	-2.1086	6.47649	18.2837	2.50942	1
cg22937462	HLA-DRA	0.01178899	0.511842	0.716265	-1.39613	0.234261	0.535045	-1.869	0.0027911	0.126546	-7.90224	0.0122566	0.209104	-4.78232	0.00624281	0.167339	-5.97589	0.0537917	0.333442	-2.99902	0.0522741	0.330483	-3.02587	0.00274722	0.12583	-7.9472	0.842608	0.905097	-1.10485	5.605511	22.3347	3.54171	1
cg15074838	HLA-DRA	0.0147335	0.56292	0.68012	-1.47031	0.00378636	0.0761872	-13.1256	0.00162524	0.142314	-6.9381	0.274505	0.472668	-2.11565	0.00433604	0.0810544	-12.3374	0.402625	0.609261	-1.64103	0.0384007	0.205759	-4.86205	0.00358421	0.0742488	-13.4611	0.3315	0.516675	-1.93545	5.211448	35.8527	6.11517	1
cg02028402	HLA-DRA	0.0226724	0.655779	0.837733	-1.20225	0.421914	0.714039	-1.40048	0.00571283	0.225845	-4.42781	0.0121551	0.277157	-3.60807	0.00502965	0.217964	-4.58792	0.504042	0.750716	-1.32098	0.0431212	0.384671	-2.59662	0.0167691	0.301656	-3.31504	0.852885	0.926617	-1.07919	4.507108	12.0323	2.37302	1
cg19248557	HLA-DRA	0.020078	0.145473	0.67431	-1.48303	0.00696051	0.089077	-11.2262	0.0360707	0.184773	-5.41204	0.0627158	0.234402	-4.26563	0.00708696	0.0898212	-11.1332	0.0509466	0.214373	-4.66476	0.0150854	0.126358	-7.91405	0.0750761	0.253357	-3.947	0.0382799	0.189567	-5.27519	4.50896	34.1994	6.754	1
cg05500783	HLA-DRA	0.0262449	0.881676	0.925933	-1.07999	0.615551	0.769819	-1.29901	0.045788	0.306354	-3.2642	0.805993	0.880615	-1.13557	0.00302826	0.122532	-8.16116	0.270336	0.552669	-1.8094	0.0385871	0.289982	-3.44848	0.00326245	0.12591	-7.94217	0.187159	0.485616	-2.05924	4.28401	18.112	3.75806	1
cg06962461	HLA-DRA	0.0319691	0.385665	0.63286	1.63286	0.2579138	1.9156	1.9156	0.0643649	0.33718	-3.15278	0.899176	0.932355	-1.07256	0.08252711	0.345625	-3.49331	0.834491	1.12256	1.12256	0.5870501	0.738593	-1.35393	0.0011845	0.0722575	-13.8394	0.842737	0.90881	-1.10094	3.99526	15.3193	4.29827	1
cg03322691	HLA-DRA	0.0332261	0.508807	1.33502	1.33502	0.084486	0.439243	-2.27664	0.0042807	0.192556	-5.1933	0.636802	0.834611	-1.22758	0.01291736	0.264332	-3.78313	0.0408342	0.3614	-2.76812	0.158842	0.554453	-1.83645	0.174521	0.536522	-1.86386	0.39437	0.51986	-1.92367	4.25647	11.8396	2.61647	1
cg25764570	HLA-DRA	0.0374907	0.07138	0.197983	-5.05094	0.168495	0.30722	-3.255	0.0200506	0.104705	-9.55068	0.088469	0.232837	-4.29484	0.00663476	0.0587422	-17.0235	0.341983	0.454993	-2.19784	0.0104167	0.0747033	-13.3863	0.019342	0.102806	-9.72706	0.229089	0.362364	-2.75966	3.771691	38.6406	9.10658	1
cg17606183	HLA-DRA	0.0442102	0.354374	0.484428	-2.06533	0.0875705	0.182575	-5.4756	0.0355635	0.0979562	-10.2095	0.0227591	0.127591	-7.83757	0.00428597	0.0232104	-43.0744	0.646204	0.687746	-1.45351	0.0869708	0.214874	-4.65539	0.0047911	0.0472429	-20.9078	0.445172	0.513648	-1.88094	3.54895	37.0356	9.27615	1
cg26928531	HLA-DRA;HLA-DRA	0.0319075	0.0216988	0.261955	-3.81744	0.00802203	0.191818	-5.21328	0.00815175	0.192805	-5.18647	0.00328	0.0716988	-13.9476	0.00090147	0.0241796	-41.3555	0.0216088	0.293653	-3.40573	0.0134794	0.0928814	-10.7718	0.0159015	0.124976	-8.00154	0.0253135	-3.94734	0.0928814	-10.7702	14.9605	3.32621	1
cg18052642	HLA-DRA	0.00827048	0.00231445	0.284949	-3.51045	0.0148147	2.2273	2.2273	0.0148147	0.2273	2.2273	0.2273	0.2273	2.2273	0.0148147	0.2273	-4.39806	0.0005593315	10.7518	10.7518	0.0159015	3.16851	3.16851	0.0159015	-1.23445	0.00100383	6.09666	0.0159162	2.83943	2.83943	0.42153	1.90562	1
cg00100998	HLA-DRA	0.0103399	0.987037	1.00352	-1.00352	0.0265704	0.566412	-1.7655	0.000185206	0.255273	-3.91737	0.15453	1.39032	1.39032	0.10837	0.647117	-1.54546	0.916996	0.977709	-1.0228	0.0165502	0.683088	-1.46394	0.846-05	0.20708	-4.82906	0.442122	0.844173	-1.18459	11.6555	8.63181	0.6582894	1
cg12867728	HLA-DRA	0.0081001	0.00108359	0.420937	-2.37565	0.0248368	1.82633	1.82633	0.00109	0.214593	-4.65633	0.264803	0.7694	-1.29971	7	7	-1.54546	0.0595174	0.684853	-1.61694	0.748968	0.1078	1.0751	0.0562257	1.62856	1.62856	0.0738744	1.56733	1.56733	0.1343	1.88616	8.49574	0.716241	1
cg27416722	HLA-DRA	0.0180406	0.712768	0.857201	-1.16471	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.167826	0.840383	-1.18993	0.307356	0.837045	-1.19455	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	1.18545	0.0483119	1.30594	0.53192	2.33146	0.197012	1
cg24071943	HLA-DRA	0.0023943	0.00928896	3.22133	3.22133	0.00564872	0.276034	-3.62274	0.0554315	0.463243	-2.15869	0.0233369	0.382672	-2.61321	0.01807862	0.36142	-2.76687	0.0266755	0.39422	-2.53665	0.000789448	0.165641	-6.03716	0.00615275	0.281736	-3.54942	0.0305196	0.406155	-2.46211	9.14749	18.2007	1.76862	1
cg20320396	HLA-DRA	0.0081001	0.00209584	0.60958	1.60958	0.0645758	0.641746	-1.55825	0.00182734	0.375534	-2.67678	0.386179	0.829381	-1.20572	0.01383914	0.54005	-1.85143	0.0144986	0.520269	1.92208	0.0776979	0.442322	-1.06121	0.000299444	0.231957	-4.31115	0.61682	0.78265	-1.27773	1.28414	8.88817	6.0652	0.530748	1
cg05383619	HLA-DRA	0.0070597	0.27698	0.5118	1.95397	0.58697	0.783247	-1.27674	0.00306539	0.190202	-5.25757	0.00377871	0.0909337	-10.9955	0.1040513	0.21789	-4.5893	0.2179508	1.72911	1.72911	0.1511683	0.48124	-2.07797	0.591674	0.795642	-1.25685	0.815341	1.10381	1.10381	0.708	2.10088	2.50922	1.1208	1
cg08151645	HLA-DRA	0.0125243	0.694243	1.15691	1.15691	0.0486346	0.435647	-2.29543	0.00356955	0.233085	-4.29027	0.112118	0.528229	-1.89312	0.0376465	0.410814	-2.43419	0.158361	0.573309	-1.74426	0.00508775	0.255112	-3.91984	0.00218637	0.20487	-4.88114	0.328885	0.689513	-1.4503	5.496577	13.8487	1.91614	1
cg13919785	HLA-DRA	0.0231927	0.0861549	0.467247	-2.14035	0.0310168	0.1848	-5.4108	0.0213568	0.0852	-11.7361	0.0128	0.0852	-11.7361	0.0128	0.0852	-11.7361	0.0037092	0.160828	-6.21782	0.0498581	0.0852	-11.7361	0.0128	0.0852	-11.7361	0.0128	0.0852	-11.7361	0.0852	-11.7361	0.0128	0.0852	-11.7361	0.0128	0.0852	-11.7361	1
cg17376015	HLA-DRB1	0.0262447	0.373289	1.50688	1.50688	0.298826	0.616858	-1.62112	0.10809	0.455425	-2.19575	0.166667	0.51606	-1.93776	0.0090172	0.225511	-4.43437	0.312441	0.62577	-1.59803	0.138192	0.488639	-2.0465	0.0016231	0.13181	-7.5867	0.060164	0.386294	-2.5887	4.28403	15.6563	2.83353	1
cg04180805	HLA-DRB1	0.0272125	0.293348	0.683616	-1.46294	0.275621	0.959358	-1.04228	0.0222046	0.0882	-11.3378	0.0222046	0.0882	-11.3378	0.0222046	0.0882	-11.3378	0.162736	0.423238	2.36289	0.0169885	0.0882	-11.3378	0.0222046	0.0882	-11.3378	0.0222046	0.0882	-11.3378	0.0882	-11.3378	0.0222046	0.0882	-11.3378	0.0222046	0.0882	-11.3378	1
cg18097761	HLA-DRB1	0.0298316	0.414632	1.41139	1.41139	0.0305283	0.349818	-2.85863	0.0990226	0.473638	-2.11132	0.901108	1.05271	1.05271	0.0238593	0.33821	-3.04683	0.679024	0.84203	-1.18761	0.0338797	0.359332	-2.78294	0.0175152	0.302775	-3.30278	0.0686646	0.32117	2.32117	4.09501	11.0738	2.40374	1
cg26981746	HLA-DRB1	8.56E-06	0.000585198	0.609111	-1.64174	0.389572	0.921045	-1.08572	3.21E-07	0.40789	2.45425	-2.19575	0.166667	0.51606	-1.93776	0.0090172	0.225511	-4.43437	0.0502579	0.81205	-1.23145	0.399998	0.922778	-1.08368	0.0345836	0.703264	-1.42194	0.000713149	1.63732	1.61732	42.2397	5.82118	0.1225	1
cg13318702	HLA-DRB1	0.000293138	0.0034166	0.597442	-1.51293	0.00229595	0.0274565	-4.12431	0.000354432	0.246464	-4.05681	0.0090576	0.597521	-1.67358	0.0116823	0.2074	-4.82065	0.0528637	0.615853	-1.62376	0.000937926	0.13733	0.13733	0.119802	1.44484	0.802847	0.943704	-1.05965	0.54546	1.83403	0.755282	1
cg16699635	HLA-DRB1	0.00159747	0.00547612	0.286168	-3.49445	0.148867	0.588432	-1.69943	0.00220801	0.230042	-4.34703	0.202529	0.630745	-1.58543	3.45E-05	0.0642054	-15.5532	0.0161773	0.36505	-2.73935	0.0325637	0.424479	-2.35583	0.170457	0.606515	-1.64876	0.0874668	0.524022	-1.90832	10.2911	19.1232	1.65175	1
cg27083273	HLA-DRB1	0.00200616	0.0724621	0.213133	-4.69377	0.0881257	0.439433	-2.27556	0.00234787	0.179529	-5.57037	0.0382756	0.178546	-5.6003	0.0127466	0.0648	-15.4321	0.0124646	0.15018	-6.66003	0.0107753	0.0648	-15.4321	0.0127466	0.0648	-15.4321	0.0127466	0.0648	-15.4321	0.0648	-15.4321	0.0127466	0.0648	-15.4321	0.0127466	0.0648	-15.4321	1
cg12015991	HLA-DRB1	0.00311242	0.0247292	0.615178	-1.63512	0.0846181	1.85568	1.85568	0.0191734	0.168405	-5.94055	0.0245045	0.462959	-2.16002	0.641781	0.917446	-1.08998	0.3702094	0.844341	-1.18436	0.0202889	0.549	-1.82149	0.0178626	0.340883	-2.93415	0.0196	0.0412809	1.4078	4.4605	0.00409	4.53441	0.476142	1
cg13739133	HLA-DRB1	0.00811698	0.127967	0.529727	-1.88776	0.914934	1.04212	1.04212	0.000107398	0.0715371	-13.9788	0.0513339	0.424573	-2.3553	0.329809	0.678212	-1.47446	0.4244438	0.729814	-1.37021	0.767638	0.891899	-1.1212	0.089279	0.485068	-2.06157	0.872977	1.06373	1.06373	6.31522	34.951	2.09877	1
cg00440797	HLA-DRB1	0.00831795	0.274252	0.765353	-1.30626	0.324139	0.768899	-1.3035	0.0103663	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	1
cg10466124	HLA-DRB5	0.00964817	0.0938774	0.598885	-1.66977	0.0434072	0.346176	-2.8887	0.0034587	0.200132	-4.99698	0.388688	0.786255	-1.27185	0.0776378	0.890239	-1.12329	0.958082	0.985478	-1.01474	0.828475	0.944101	-1.06225	0.718095	1.10616	1.10616	0.364708	0.289592	1.29592	5.97662	7.33408	1.09042	1
cg25372446	HLA-DRB5	0.0095485	0.0139435	0.529373	-1.88935	0.0126718	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	1
cg21668879	HLA-DRB5	0.0168767	0.0388904	0.286177	-3.49434	0.0458342	0.301874	-3.31264	0.079419	0.361034	-2.76982	0.0578627	0.325622	-3.07105	0.435741	0.659633	-1.51599	0.2271308	0.550569	-1.8163	0.00168664	0.0955205	-10.469	0.00316122	0.121214	-8.24987	0.0289802	0.260011	-3.846	4.98159	21.6008	3.85433	1
cg18111114	HLA-DRB5	0.0201256	0.537022	0.678225	-1.47444	0.00250617	0.0736916	-13.5701	0.0296211	0.203805	-4.90664	0.0106898	0.136276	-7.33803	0.129731	0.76413	-1.30913	0.4418414	0.614372	-1.62768	0.331942	0.53789	-1.85911	0.345763	2.12559	2.12559	0.91304	1.07021	1.07021	6.49257	28.6866	5.43165	1
cg17369694	HLA-DRB5	0.0164418	0.118536	0.409742	-2.44003	0.0143724	0.139837	-7.15457	0.0047169	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	1
cg18816397	HLA-DRB5	0.0439438	0.489162	0.752767	-1.32841	0.3670272	0.687614	-1.4543	0.100244	2.07072	2.07072	0.0181338	0.38935	0.057367	2.38434	2.38434	2.38434	0.549673	0.782961	-1.2772	0.0236207	2.98133	2.98133	0.0264349	2.89744	2.89744	0.733788	0.871115	-1.14795	3.556996	2.00402	2.30009	1
cg14752609	HLA-DRB5	9.48E-07	0.0125151	0.197838	-5.05612	0.0178348	0.18192	-5.4959	0.0183535	1.06E-08	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00551313	HLA-DRB6	0.0145704	0.0362533	1.58794	1.58794	0.027638	0.449962	-2.22241	0.00177486	0.275705	-3.62706	0.0220013	0.591874	-1.68955	0.0314295	0.213749	-4.67955	0.0179269	0.576731	-1.73391	0.08E-05	0.132387	-7.55364	0.311725	0.822757	-1.21543	0.0913218	0.371087	17.6062	0.414734	1
cg25860143	HLA-DRB6	0.0004641	0.5115123	1.15242	1.15242	8.60E-05	0.201483	-4.96321	9.31E-05	0.22345	-4.47527	0.011386	0.506168	-1.97563	0.0881996	0.667383	-1.49839	0.987517	0.996643	-1.00337	0.783227	1.06107	1.06107	0.129094	0.702919	-1.42264	0.000815341	0.337967	-2.95887	14.5887	10.675	0.650429	1
cg22901297	HLA-DRB6	0.0900443	0.0014554	0.214914	-4.65258	0.0177849	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	1
cg00442742	HLA-DRB6	0.01468	0.123922	0.63408	-1.57709	0.0503665	0.543411	-1.84023	0.00326631	0.204388	-4.89265	0.934528	1.00272	1.00272	0.18705	1.47489	1.47489	0.349175	0.768344	-1.3015	0.880247	1.04208	1.04208	0.627778	0.874944	-1.14293	0.9761	1.00822	1.00822	5.21773	6.17822	1.05252	1
cg25140213	HLA-DRB6	0.0268275	0.104902	0.4116	-2.42963	0.0116163	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	1
cg19864342	HLA-DRB6	0.0486544	0.930965	1.0173	1.0173	0.89647	0.974563	-1.0261	0.00269409	0.440133	-2.27204	0.649503	0.913428	-1.09478	0.753549	1.06432	1.06432	0.129272	0.732953	-1.38321	0.0325183	0.609395	-1.64097	0.542115	1.12991	1.12991	0.0536466	0.648103	-1.54296	3.42339	2.12381	0.55145	1
cg10457605	HLA-DRB6	9.36E-06	0.0545427	0.71449	-1.40149	0.0778983	0.139107	-7.18917	0.0016	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	1
cg20653278	HLA-DRB6	0.0048007	0.0585691	0.5	2.00000	7.15E-05	0.16188	0.16188	0.00024507	0.64819	-1.64819	0.21953	1.12261	1.12261	0.0301323	0.11053	1.10053	0.0003155	0.134281	2.90446	0.572585	1.11177	1.11177	0.000448796	0.3575516	-2.79708	0.1190113	0.730213	-1.36946	21.8081	11.9273	0.486151	1
cg00807188	HLA-DRB6	0.0021472	0.0014154	0.164319	-6.08552	0.0134038	0.942454	-1.06106	5.98E-06	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	1
cg02678305	HLA-DRB6	0.0037908	0.824709	0.956348	-1.04564	0.0551998	0.54858	-1.84058	0.00198489	0.415267	-2.40809	0.344433	1.22176	1.22176	0.899029	0.974782	1.02587	0.000112278	0.255197	-3.91854	0.0627315	0.656164	-1.52401	4.32E-05	2.20961	-4.77076	0.114061	0.707603	-1.41322	15.3167	8.82037	0.569914	1
cg00564803	HLA-DRB6	0.0012774	0.1214486	-8.23137	0.026218	0.0478	0.34819	-2.87139	0.000164235	0.17488	-5.71868	0.0342772	0.33012	-3.0292	0.0166661	0.260939	-3.83199	0.0059579	0.138514	-7.22104	0.0166661	0.260939	-3.83199	0.0059579	0.138514	-7.22104	0.0166661	0.260939	-3.83199	0.260939	-3.83199	0.0059579	0.138514	-7.22104	0.0166661	0.260939	-3.83199	1
cg12700271	HLA-DRB6	0.0019142	0.000783907	0.32849	-3.0446	0.0786848	0.993763	-1.00628	0.000774556	0.455579	-2.40631	0.00423112	0.454187	-2.45187	0.0017831	0.352923	-2.83348	0.0002744	0.0017831	-35.2923	0.0002744	0.0002744	-35.2923	0.0002744	0.0002744	-35.2923	0.0002744	0.0002744	-35.2923	0.0002744	-35.2923	0.0002744	0.0002744	-35.2923	0.0002744	0.0002744	-35.2923	1
cg08180061	HLA-DRB6	0.00297492	0.214725	0.7969	-1.25485	0.489406	0.12981	-7.70351	0.129981	0.8096	-1.05	0.44201	0.34401	0.58635	0.908919	-1.10021	0.495128	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	0.112795	1
cg05118824	HLA-DRB6	0.0074469	0.0274826	0.28121	-3.55677	0.148724	0.139837	-7.15457	0.0047169	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	-11.3378	0.0882	0.0882	-11.3378	0.0882	0.0882	-11.3378	1
cg02751503	HLA-DRB6	0.00534653	0.0521534	2.28172	2.28172	0.00113415	0.97971	-1.97971	0.089339	2.01296	2.01296	0.666521	0.850518	-1.17575	0.0617181	0.455729	-2.19429	0.496701	0.772809	-1.29398	0.708768	0.869251	-1.15042	0.515139	1.27951	1.27951	0.000950397	0.293648	6.29438	7.1897	15.8816	1.9635	1
cg18183435	HLA-DRB6	0.00190757	0.445196	0.45396	-2.20396	0.81248	1.08406	1.08406	0.00944534	0.35604	-2.80798	0.0492	0.29968	2.99968	0.128413	0.650455	-1.53723	0.124809	0.832	1.8302	0.0483726	0.74803	1.24803	0.0918389	0.389153	3.89153	0.0070231	1.32663	1.32663	0.89007	12.7005	1.62379	1
cg09275023	HLA-DRB6	0.0026708	0.0208401	0.385826	-2.59184	0.00600494	0.292473	-3.41912	0.00271365	0.242184	-4.12909	0.821055	0.925359	-1.08066	0.0027616	0.243219	-4.11152	0.0631159	0.37264	-2.68407	0.0900077	0.279338	-3.57988	0.501666	2.63001	2.63001	0.26541	1.72106	1.72106	6.65056	12.7106	1.65056	1
cg20534075	HLA-DRB6	0.0066	0.0738391	0.760517	-1.3149	0.201892	1.20318	1.20318	0.000186599	0.237875	2.37875	0.382447	0.884211	-1.13095	0.382888	0.884317	-1.13082	0.3982551	0.887961	-1.12618	0.0791233	1.30712	1.30712	0.490294	1.10106	1.10106	0.207583	1.2003	1.2003	6.73736	2.01414	0.265734	1
cg25093947	HLA-DRB6	0.0478822	0.0465392	0.491115	-2.03731	0.0788722	0.97971	-1.97971	0.089339	2.01296	2.01296	0.666521	0.850518	-1.17575	0.0617181	0.455729	-2.19429	0.0159595	0.406048	-2.46008	0.0151966	0.512847	1.9499	0.0126203	0.0393613	3.80601	-2.56533	0.0368131	0.473404	2.00928	0.57463	0.53118	1.3011	1
cg13036546	HLA-DRB6	0.0115055	0.0319346	0.37733	-2.96446	0.200999	0.559141	-1.78846	0.0157224	0.28807	-3.47138	0.163856	0.527534	-1.89561	0.0171641	0.286446	-3.49106	0.0168456	0.284981	-3.50901	0.0223482	0.307788	-3.24899	0.00557817	0.0997864	-10.0214	0.160673	0.529536	-1.88845	5.649999	16.5826	2.60872	1
cg01222893	HLA-DRB6	0.0131344	0.0135	0.163393	-6.12026	0.0128491	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	0.0148405	0.0148405	-1.16567	1
cg21292025	HLA-DRB6	0.0133724	0.875564

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04458159	HLA-H	0.0263506	0.438518	1.56144	1.56144	0.045065	0.273405	-3.65758	0.634318	0.763207	-1.31026	0.362635	1.69494	1.69494	0.0617507	3.27548	3.27548
cg04276750	HLA-H	0.0352821	0.466867	0.828017	-1.20771	0.485571	0.834748	-1.19797	0.795323	0.935884	-1.06851	0.0268284	0.512473	-1.95132	0.816682	0.942528	-1.06098
cg06959514	HLA-H	0.0371078	0.258151	0.533074	-1.87591	0.961312	1.0262	1.0262	0.820893	1.12851	1.12851	0.291383	0.557816	-1.79271	0.0121462	0.188886	-5.29421
cg26375284	HLA-H	0.0470162	0.0857054	15.3666	15.3666	0.545257	2.41241	2.41241	0.0112167	96.6094	96.6094	0.0858315	15.3463	15.3463	0.0580441	21.7981	21.7981
cg04211303	HLA-J;NCRNA00171	0.000167864	0.000979461	0.356383	-2.80597	0.232914	1.30115	1.30115	0.128272	1.41342	1.41342	0.147418	1.38702	1.38702	0.0366844	1.66675	1.66675
cg18860932	HLA-J;NCRNA00171	0.000764016	0.00378301	0.568126	-1.76017	0.833624	1.03091	1.03091	0.000563575	0.46135	-2.16755	0.00325253	0.559488	-1.78735	0.00129208	0.507349	-1.97103
cg09659004	HLA-J;NCRNA00171	0.000882174	0.874208	0.96281	-1.03863	4.28E-05	6.42274	6.42274	0.000475486	3.71523	3.71523	0.539461	0.861904	-1.16022	0.627584	1.12406	1.12406
cg17590657	HLA-J;NCRNA00171	0.0031197	0.210185	0.687604	-1.45433	0.124322	0.62375	-1.60321	0.230635	0.699992	-1.42859	0.300251	0.737512	-1.35591	0.000248526	0.179908	-5.5584
cg15803065	HLA-J;NCRNA00171	0.00389212	0.0171224	0.432546	-2.31189	0.0168929	2.31762	2.31762	0.00171405	0.275002	-3.63634	0.110483	0.605549	-1.65139	0.00543624	0.348224	-2.87171
cg03361297	HLA-J;NCRNA00171	0.00649849	0.537911	0.833229	-1.20015	0.0844523	0.572174	-1.74772	0.862911	0.9507	-1.05186	0.0070326	0.360848	-2.77125	0.00034165	0.185031	-5.4045
cg18347921	HLA-J;NCRNA00171	0.00811103	0.00380472	11.6337	11.6337	0.0118972	7.19759	7.19759	0.00496502	10.3657	10.3657	0.341581	1.85176	1.85176	0.095627	0.316349	-3.16107
cg08598483	HLA-J;NCRNA00171	0.0107028	0.0190893	0.60865	-1.64298	0.0112708	1.74294	1.74294	0.0543046	1.46552	1.46552	0.0596853	0.689397	-1.45054	0.0852293	0.716739	-1.39521
cg09368485	HLA-J;NCRNA00171	0.0145593	0.158798	0.654908	-1.52693	0.014151	2.3415	2.3415	0.00781093	0.383051	-2.61062	0.313997	1.33994	1.33994	0.00667871	0.371988	-2.68826
cg01814945	HLA-J;NCRNA00171	0.0162661	0.182862	0.43365	-2.30601	0.00364175	10.2281	10.2281	0.136963	0.387918	-2.57786	0.155353	0.407075	-2.45655	?	?	?
cg24666993	HLA-J;NCRNA00171	0.0172356	0.0268667	0.443045	-2.25711	0.0531079	1.97859	1.97859	0.156141	1.60175	1.60175	0.11797	1.69404	1.69404	0.761947	1.09893	1.09893
cg15364169	HLA-J;NCRNA00171	0.020233	0.0440674	0.712542	-1.40343	0.235731	1.1861	1.1861	0.00281984	1.99525	1.99525	?	?	?	?	?	?
cg09003023	HLA-J;NCRNA00171	0.0245123	0.00901525	0.266778	-3.74844	0.049922	2.43491	2.43491	0.0308062	0.364442	-2.74392	0.515732	0.769294	-1.29989	0.0549095	0.420473	-2.37828
cg21723245	HLA-J;NCRNA00171	0.0258176	0.0282308	0.2368	-4.22297	0.0649468	0.315882	-3.16573	?	?	?	0.0662755	0.318104	-3.14362	0.0118777	0.174452	-5.73224
cg06789824	HLA-J;NCRNA00171	0.0299131	0.0291157	0.35303	-2.83262	0.71508	1.16003	1.16003	0.590485	0.802545	-1.24604	0.874969	0.938231	-1.06584	0.00962711	0.265305	-3.76925
cg23318893	HLA-J;NCRNA00171	0.0301573	0.879245	1.0664	1.0664	0.00246662	5.9312	5.9312	0.145414	0.516289	-1.9369	0.140086	1.95675	1.95675	0.129912	0.500679	-1.99729
cg06344336	HLA-J;NCRNA00171	0.0338921	0.0288341	0.560091	-1.78542	0.0416587	0.589711	-1.69575	0.00687751	0.455229	-2.1967	0.983395	0.995331	-1.00469	0.0861379	0.652836	-1.53178
cg06381959	HLA-J;NCRNA00171	0.0361941	0.0427745	2.27592	2.27592	0.111356	1.84337	1.84337	0.0365123	2.35627	2.35627	0.261575	1.51115	1.51115	0.34128	1.41315	1.41315
cg15279748	HLA-J;NCRNA00171	0.0380643	0.190933	1.82078	1.82078	0.0323535	2.95741	2.95741	0.0495507	2.63698	2.63698	0.34194	1.52766	1.52766	0.905498	1.05274	1.05274
cg15788639	HLA-J;NCRNA00171	0.038495	0.0640966	0.233609	-4.28065	0.050573	4.74463	4.74463	0.0195678	0.139241	-7.18181	0.844362	0.871658	-1.14724	0.019522	0.139097	-7.18925
cg24725574	HLA-J;NCRNA00171	0.0398294	0.311631	0.669931	-1.49269	0.0069631	3.80377	3.80377	0.0525648	0.430227	-2.32435	0.123932	0.528558	-1.89194	0.0594571	0.443016	-2.25726
cg21330423	HLA-J;NCRNA00171	0.043572	0.631329	0.780152	-1.2818	0.00271889	8.38059	8.38059	0.0221099	4.09226	4.09226	0.611693	0.768827	-1.30068	0.178633	0.480098	-2.08291
cg02309335	HLA-L	0.00106142	0.000998217	0.672878	-1.48615	0.0488194	0.833286	-1.20007	0.124806	1.14419	1.14419	0.00075936	0.6612	-1.5124	0.0877659	0.85834	-1.16504
cg10700459	HLA-L	0.00286321	0.0890427	0.758145	-1.31901	0.101444	0.767391	-1.30312	0.00787867	0.604537	-1.65416	0.0947292	0.762514	-1.31145	0.000501924	0.447821	-2.23303
cg07723510	HLA-L	0.00384322	0.359868	1.56933	1.56933	0.436171	0.683662	-1.46271	0.740625	0.852973	-1.17237	0.293097	0.593266	-1.68559	0.0177164	0.251407	-3.97762
cg12956567	HLA-L	0.0102064	0.0145292	1.96861	1.96861	0.871724	0.964297	-1.03702	0.198108	1.35801	1.35801	0.237504	0.75699	-1.32102	0.60881	0.890361	-1.12314
cg11456756	HLA-L	0.0112961	0.0166834	3.61969	3.61969	0.356639	0.6588	-1.51791	0.723925	1.16896	1.16896	0.876332	1.07096	1.07096	0.411727	0.691106	-1.44696
cg23721712	HLA-L	0.0113286	0.219093	0.902019	-1.10862	0.464869	0.94238	-1.06114	0.015729	1.26637	1.26637	0.178648	0.892255	-1.12076	0.000884254	0.671969	-1.48816
cg14296767	HLA-L	0.0130994	0.407182	1.42363	1.42363	0.0217444	3.15032	3.15032	0.146174	1.91527	1.91527	0.0947354	2.14904	2.14904	0.154345	1.88731	1.88731
cg23164681	HLA-L	0.0145646	0.00977997	0.602278	-1.66036	0.781983	0.957856	-1.044	0.755025	1.04978	1.04978	0.000542981	0.434109	-2.30357	0.433278	1.13214	1.13214
cg23088286	HLA-L	0.0298973	0.980621	0.996651	-1.00336	0.134938	1.24934	1.24934	0.0476905	1.36723	1.36723	0.540012	1.08948	1.08948	0.697842	0.947536	-1.05537
cg16722947	HLA-L	0.0304125	0.054441	0.355933	-2.80952	0.278206	0.586392	-1.70534	0.558688	1.32306	1.32306	0.948691	1.03093	1.03093	0.0120403	0.227094	-4.40347
cg00076543	HLA-L	0.0310515	0.762828	0.969938	-1.03099	0.0106268	1.38263	1.38263	0.0186202	1.33334	1.33334	0.214262	1.14096	1.14096	0.711094	0.963175	-1.03823
cg08912051	HLA-L	0.0492302	?	?	?	0.775925	0.921224	-1.08551	0.22452	0.69292	-1.44317	0.00162973	3.66134	3.66134	0.904262	1.0352	1.0352
cg20218907	HLCS	0.000843039	?	?	?	0.117476	1.90402	1.90402	0.556361	1.25275	1.25275	?	?	?	?	?	?
cg25297255	HLCS	0.000880819	0.00618906	0.550349	-1.81703	8.14E-05	3.28246	3.28246	0.231728	1.23346	1.23346	0.0908826	0.732298	-1.36556	0.274318	0.82673	-1.20959
cg01128794	HLCS	0.00389533	0.785488	0.936432	-1.06788	0.105736	0.6535	-1.53022	0.0210492	0.512694	-1.95048	0.106202	0.653938	-1.5292	0.285556	0.765657	-1.30607
cg08269941	HLCS	0.00998708	0.352243	0.79057	-1.26491	0.00224431	0.349849	-2.85838	0.00114662	0.309287	-3.23325	0.155301	0.688454	-1.45253	0.783725	1.06987	1.06987
cg07133174	HLCS	0.0151906	0.00221725	0.324595	-3.08076	0.224838	1.39739	1.39739	0.574462	1.16056	1.16056	0.193721	0.697034	-1.43465	0.017477	0.468021	-2.13666
cg22644012	HLCS	0.0154021	0.0113176	0.506256	-1.97528	0.0321049	0.583439	-1.71398	0.801568	1.05553	1.05553	0.016956	0.535262	-1.86824	0.00864234	0.487465	-2.05143
cg22777062	HLCS	0.0175018	0.136192	0.547834	-1.82537	0.56464	0.803942	-1.24387	0.000959803	0.158288	-6.3176	0.87445	1.06106	1.06106	0.0959052	0.503895	-1.98454
cg21871091	HLCS	0.0356785	0.05795	0.344849	-2.89982	0.113085	0.424619	-2.35505	0.0643751	0.356232	-2.80716	0.524871	0.726108	-1.3772	0.00949763	0.195515	-5.11469
cg04126652	HLCS	0.0359509	0.00863183	0.285721	-3.49992	0.506699	0.777225	-1.28663	0.0818467	0.486095	-2.05721	0.241743	0.632298	-1.58153	0.199655	0.602354	-1.66015
cg15835232	HLF	0.00309953	0.427987	1.06749	1.06749	0.0958841	0.862773	-1.15905	0.949938	1.00508	1.00508	0.0376807	0.823188	-1.21479	0.00941263	1.30431	1.30431
cg18608206	HLF	0.0126752	0.0407922	0.682846	-1.46446	0.0111136	0.597936	-1.67242	0.956059	1.00894	1.00894	0.0201661	0.635925	-1.57251	0.35395	1.16657	1.16657
cg25534244	HLF	0.0127684	0.0574461	2.78049	2.78049	0.0615279	2.7246	2.7246	0.305796	0.603737	-1.65635	0.227226	1.82813	1.82813	0.704334	1.19894	1.19894
cg01185682	HLF	0.0151872	0.176956	0.549368	-1.82027	0.876423	1.0671	1.0671	0.193529	0.563146	-1.77574	0.691793	1.18093	1.18093	0.0507568	2.53184	2.53184
cg17254383	HLF	0.0297802	0.278973	0.653079	-1.53121	0.00139917	0.173453	-5.76524	0.553579	0.797061	-1.25461	0.466376	0.755362	-1.32387	0.017228	0.333408	-2.99933
cg02383154	HLF	0.037696	0.191956	0.811773	-1.23187	0.428817	1.12969	1.12969	0.996679	1.00063	1.00063	0.475987	1.11564	1.11564	0.224981	1.21217	1.21217
cg25826457	HLF;HLF	0.0129083	0.190298	0.776479	-1.28786	0.331247	1.20063	1.20063	0.143269	1.33229	1.33229	0.3935	0.852634	-1.17284	0.069355	0.690348	-1.44855
cg07275648	HLTF;HLTF	6.21E-05	0.505679	0.901309	-1.1095	0.000581149	2.26725	2.26725	0.206531	1.22751	1.22751	0.00996708	0.606104	-1.64988	1.91E-06	0.162549	-6.15199
cg02611507	HLTF;HLTF	0.00100481	0.219083	2.0639	2.0639	0.00151903	12.9363	12.9363	0.02306	4.5885	4.5885	0.280036	1.87677	1.87677	9.61E-05	0.0204256	-48.9581
cg23762206	HLTF;HLTF	0.00292562	0.00282211	0.227783	-4.39014	0.0504123	0.448436	-2.22997	0.297466	0.678104	-1.4747	0.363691	0.714821	-1.39895	0.00386651	0.246686	-4.05373
cg21111416	HLTF;HLTF	0.00496955	0.15463	2.00559	2.00559	0.0119762	4.18738	4.18738	0.0893753	2.35283	2.35283	0.227561	1.7836	1.7836	0.000679273	0.0932676	-10.7218
cg04120413	HLTF;HLTF	0.00679591	0.0309305	3.19999	3.19999	0.011287	4.29215	4.29215	0.307772	1.6236	1.6236	0.178072	1.92886	1.92886	0.000567924	0.0862037	-11.6004
cg09352720	HLTF;HLTF	0.0104374	0.725287	0.916243	-1.09141	0.0129171	2.14936	2.14936	0.00887449	2.28353	2.28353	0.200173	1.39867	1.39867	0.01025	0.448283	-2.23073
cg04731810	HLTF;HLTF	0.012501	0.12182	2.26746	2.26746	0.00720052	5.437	5.437	0.301537	1.68625	1.68625	0.0364999	3.27548	3.27548	0.00500957	0.163227	-6.12645
cg09392355	HLTF;HLTF	0.0140199	0.646514	1.0906	1.0906	0.554164	0.8937	-1.11894	0.367974	0.840561	-1.18968	0.34337	1.20122	1.20122	0.912574	1.02084	1.02084
cg16444198	HLTF;HLTF	0.0165252	0.755752	1.12076	1.12076	0.00893612	3.37101	3.37101	0.121314	1.84736	1.84736	0.528385	0.791844	-1.26287	0.0889412	0.50384	-1.98476
cg02710346	HLTF;HLTF	0.0165554	0.318474	1.18192	1.18192	0.0488911	0.694497	-1.43989	0.54054	1.10565	1.10565	0.131564	0.768066	-1.30197	0.00887152	0.582804	-1.71584
cg02398045	HLTF;HLTF	0.0183514	0.913026	1.02275	1.02275	0.606854	1.11277	1.11277	0.418803	0.843603	-1.18539	0.720234	0.928637	-1.07685	0.257062	1.27572	1.27572
cg02059813	HLTF;HLTF	0.0243748	0.230647	0.825039	-1.21206	0.270685	1.19172	1.19172	0.275399	1.18951	1.18951	0.187663	1.23806	1.23806	0.314484	0.852922	-1.17244
cg20038789	HLTF;HLTF	0.0496085	0.948038	1.02062	1.02062	0.0170084	2.48724	2.48724	0.0588861	1.95035	1.95035	0.876924	1.04972	1.04972	0.649752	1.1539	1.1539
cg02625929	HLX	1.65E-05	0.897597	1.00867	1.00867	0.0128353	0.812775	-1.23035	0.00216986	0.749283	-1.33461	0.240075	0.920797	-1.08602	2.53E-05	1.75204	1.75204
cg22888665	HLX	0.00115483	0.209651	1.31104	1.31104	0.522314	0.875624	-1.14204	0.000690737	0.346133	-2.88907	0.0955685	0.687276	-1.45502	0.0734189	1.5051	1.5051
cg23027583	HLX	0.00143479	4.51E-05	0.0220714	-45.3074	0.691648	1.1933	1.1933	0.25195	0.586432	-1.70523	0.186597	0.534844	-1.8697	0.018569	3.6837	3.6837
cg12053004	HLX	0.00335202	0.00271074	5.2634	5.2634	0.00130187	6.53797	6.53797	0.00721108	4.01635	4.01635	0.571373	0.795057	-1.25777	0.989592	0.994784	-1.00524
cg26440142	HLX	0.00599457	0.0125018	4.09416	4.09416	0.00235231	6.85735	6.85735	0.0207802	3.53446	3.53446	0.151362	0.497872	-2.00855	0.0733624	0.404243	-2.47376
cg15450098	HLX	0.0106747	0.0411348	3.30423	3.30423	0.00198674	9.16371	9.16371	0.0321092	3.57294	3.57294	0.408379	0.6512	-1.53563	0.18088	0.486444	-2.05573
cg18645081	HLX	0.0120476	0.861441	1.08506	1.08506	0.173904	1.96594	1.96594	0.50546	0.729251	-1.37127	0.0205375	0.271451	-3.68391	0.00471601	0.173005	-5.78016
cg14166284	HLX	0.0127322	0.0367122	3.72314	3.72314	0.00196017	10.7065	10.7065	0.154995	2.28043	2.28043	0.221777	0.498783	-2.00488	0.0736036	0.339477	-2.94571
cg08655206	HLX	0.0276424	0.0594721	3.36833	3.36833	0.00522686	8.19319	8.19319	0.0231708	4.70998	4.70998	0.978123	1.01578	1.01578	0.351315	0.578336	-1.7291
cg02743632	HLX	0.0326375	0.0316871	0.323683	-3.08944	0.574106	0.775444	-1.28958	0.130014	0.480732	-2.08016	0.0359923	0.335394	-2.98157	0.00285082	0.158978	-6.29019
cg21282663	HLX	0.0439501	0.415588	0.669193	-1.49434	0.341971	0.623344	-1.60425	0.122595	0.445912	-2.24259	0.0320037	0.297353	-3.36301	0.00326027	0.144236	-6.93308
cg18800479	HLX	0.0441065	0.72325	0.933905	-1.07077	0.0699133	0.677217	-1.47663	0.075484	0.683475	-1.46311	0.485433	0.872558	-1.14606	0.848351	1.0375	1.0375
cg07584855	HLX	0.0442711	0.030843	5.49488	5.49488	0.509694	0.637994	-1.56741	0.211326	2.42275	2.42275	0.167721	2.68612	2.68612	0.480088	0.61731	-1.61993
cg21878149	HLX	0.0454082	0.123737	0.4117	-2.42895	0.769515	1.1693	1.1693	0.220148	0.503447	-1.98631	0.659323	0.78965	-1.26638	0.153044	0.442832	-2.25819
cg09255910	HLX	0.0461824	0.853309	1.06977	1.06977	0.133083	1.8048	1.8048	0.150874	1.7523	1.7523	0.0315778	0.399119	-2.50552	0.0548569	0.452302	-2.21091
cg04683240	HLX;HLX	0.000217359	0.00540919	0.649255	-1.54023	5.35E-06	3.37415	3.37415	0.0187789	0.714686	-1.39922	0.788867	1.03217	1.03217	0.683123	0.952732	-1.04961
ch.20.577701F	HM13;HM13;HM13	0.00257563	0.000133537	0.119286	-8.3832	0.465993	1.24307	1.24307	0.411108	1.27977	1.27977	0.010038	0.372716	-2.683	0.0021016	0.262215	-3.81367
cg04306926	HM13;HM13;HM13;HM13	5.88E-05	0.860292	1.02251	1.02251	0.251891	0.859614	-1.16331	0.000836407	0.529791	-1.88754	0.192563	1.19041	1.19041	0.0048566	1.60315	1.60315
cg25935716	HM13;HM13;HM13;HM13	6.86E-05	0.234467	1.18585	1.18585	0.610419	0.932134	-1.07281	0.00947255	1.56779	1.56779	0.350648	1.14042	1.14042	1.63E-05	0.296977	-3.36727
cg06527124	HM13;HM13;HM13;HM13	0.00329724	0.0246394	0.666271	-1.50089	0.0448685	0.705143	-1.41815	0.00279399	0.535121	-1.86874	0.225217	0.824252	-1.21322	0.0109886	0.616208	-1.62283
cg18471488	HM13;HM13;HM13;HM13	0.00713833	0.0108976	0.259062	-3.86008	0.00579594	0.217102	-4.60613	0.00235723	0.166471	-6.00704	0.644929	0.821936	-1.21664	0.084806	0.446884	-2.23772
cg26833395	HM13;HM13;HM13;HM13	0.0190703	0.639604	0.900389	-1.11063	0.00952712	0.481614	-2.07635	0.932908	0.981441	-1.01891	0.000563688	0.304443	-3.28469	0.715284	1.08492	1.08492
cg08511818	HM13;HM13;HM13;HM13	0.0366496	0.00198622	0.135652	-7.37183	0.694367	0.834742	-1.19798	0.0263786	0.299857	-3.33493	0.104382	0.443967	-2.25242	0.942012	1.03384	1.03384
cg01412220	HM13;HM13;HM13;PSIMCT-1	2.65E-05	3.42E-06	0.210959	-4.74026	0.714465	0.949062	-1.05367	0.643518	1.06855	1.06855	0.019512	1.49428	1.49428	2.65E-05	0.306654	-3.26101
cg25359645	HM13;HM13;HM13;PSIMCT-1	0.00184948	0.0576738	0.376363	-2.65701	0.00020187	0.0584959	-17.0952	0.0323622	0.319596	-3.12896	0.0878422	0.424136	-2.35773	0.00227497	0.143231	-6.98175
cg24607140	HM13;HM13;HM13;PSIMCT-1	0.00575011	0.0312623	0.306114	-3.26676	0.000742579	0.0907959	-11.0137	0.0233406	0.280974	-3.55905	0.364307	0.646165	-1.54759	0.00620429	0.187945	-5.32071
cg02146091	HM13;HM13;HM13;PSIMCT-1	0.00826636	0.132809	0.416505	-2.40093	0.000772408	0.0640019	-15.6245	0.0325181	0.258856	-3.86315	0.283896	0.548138	-1.82436	0.00999341	0.172636	-5.79252
cg19617948	HM13;HM13;HM13;PSIMCT-1	0.0126021	0.111139	0.325487	-3.07232	0.000951422	0.0413655	-24.1747	0.079138	0.28346	-3.52784	0.307273	0.504827	-1.98088	0.0209405	0.165816	-6.0308
cg17840843	HM13;HM13;HM13;PSIMCT-1	0.0157433	0.140475	0.396124	-2.52446	0.000971412	0.056884	-17.5796	0.0912886	0.337538	-2.96263	0.323024	0.550939	-1.81508	0.0168672	0.182217	-5.48798
cg06000530	HM13;HM13;HM13;PSIMCT-1	0.0225271	0.101577	0.305921	-3.26881	0.00473114	0.0837826	-11.9357	0.106801	0.312401	-3.20101	0.300806	0.492408	-2.03084	0.015786	0.141661	-7.0591
cg14175568	HM13;HM13;HM13;PSIMCT-1	0.0329893	0.0848366	0.37696	-2.6528	0.00224181	0.11185	-8.94051	0.388003	0.635754	-1.57294	0.183117	0.48523	-2.06088	0.0180119	0.229667	-4.35413
cg25645178	HM13;HM13;HM13;PSIMCT-1	0.0351426	0.213131	0.410682	-2.43498	0.00284321	0.0615162	-16.2559	0.0717973	0.255544	-3.91322	0.380425	0.542975	-1.84171	0.0326301	0.183202	-5.45845
cg15815607	HM13;HM13;HM13;PSIMCT-1	0.0397893	0.192187	0.397981	-2.51268	0.00322282	0.0683851	-14.6231	0.083043	0.277791	-3.59983	0.540816	0.661511	-1.51169	0.0272908	0.174943	-5.71614
cg07962641	HMBOX1;HMBOX1	0.000742112	0.00276069	0.498426	-2.00631	0.0709969	0.711673	-1.40514	0.00455936	0.528848	-1.8909	0.258565	0.819728	-1.21992	8.19E-05	0.302012	-3.31113
cg20212339	HMBOX1;HMBOX1	0.0339057	0.657228	1.10977	1.10977	0.00182672	0.355983	-2.80912	0.0116252	0.479226	-2.0867	0.284957	0.771817	-1.29564	0.23275	0.74691	-1.33885
cg14442394	HMBOX1;HMBOX1;INTS9;INTS9;INTS9	0.0262648	0.271383	1.13501	1.13501	0.0719979	1.24872	1.24872	0.1487	1.18685	1.18685	0.696683	0.9576	-1.04428	0.278238	1.13281	1.13281
cg04338966	HMBS	0.00160764	0.00621679	0.447705	-2.23362	0.00573665	2.26106	2.26106	0.0918093	0.658246	-1.51919	0.151251	1.41406	1.41406	0.279705	0.77633	-1.28811
cg25048357	HMBS	0.00481227	0.252018	1.13345	1.13345	0.130495	1.18645	1.18645	0.0379804	0.77735	-1.28642	0.0436727	1.27479	1.27479	0.989925	0.998679	-1.00132
cg03595262	HMBS	0.0101908	0.546147	0.927974	-1.07762	0.0970166	0.800183	-1.24971	0.064523	0.775581	-1.28936	0.00472834	1.58294	1.58294	0.786714	0.967353	-1.03375
cg21638712	HMBS;HMBS	0.00069909	0.246868	0.771537	-1.29611	0.837353	1.04501	1.04501	0.766144	0.938109	-1.06597	0.00275649	0.412837	-2.42226	4.42E-05	0.190482	-5.24984
cg04490478	HMBS;HMBS	0.0118568	0.285134	0.797403	-1.25407	0.000770118	0.354006	-2.82481	0.603439	0.898643	-1.11279	0.00200454	0.410968	-2.43328	0.0753517	0.667813	-1.49743
cg04701106	HMBS;HMBS	0.0146318	0.0323489	0.710627	-1.40721	0.337018	1.14447	1.14447	0.84808	0.974193	-1.02649	0.218713	0.838317	-1.19287	0.104895	0.785374	-1.27328
cg09995105	HMCN1	2.54E-07	0.000542063	0.700812	-1.42692	0.0156211	1.21649	1.21649	0.000133331	0.645451	-1.5493	5.09E-09	0.188615	-5.3018	0.000521596	0.699338	-1.42992
cg13788537	HMCN1	3.36E-05	0.0842522	0.816567	-1.22464	0.0879485	1.22115	1.22115	4.28E-06	3.08473	3.08473	0.00997557	0.708077	-1.41227	0.699358	1.04203	1.04203
cg16721191	HMCN1	0.00178082	0.83143	0.975569	-1.02504	0.143896	0.833448	-1.19983	0.21662	1.16283	1.16283	0.4827	0.920553	-1.0863	0.0486193	0.77001	-1.29868
cg24606662	HMCN1	0.00199089	0.834313	1.05708	1.05708	0.567967	0.858159	-1.16529	0.14254	0.658531	-1.51853	0.0400442	0.533186	-1.87552	0.00113837	0.281299	-3.55493
cg00579805	HMCN1	0.00663927	0.0505218	0.410372	-2.43681	0.192904	0.576535	-1.7345	0.00464911	0.222131	-4.50185	0.00209354	0.17727	-5.64112	0.00187956	0.171753	-5.82233
cg14172633	HMCN1	0.00683718	0.0138885	0.770514	-1.29783	0.685822	0.96572	-1.0355	0.573611	1.04998	1.04998	0.0756892	1.1848	1.1848	0.429983	0.933238	-1.07154
cg23819286	HMCN1	0.0112057	0.751712	1.1326	1.1326	0.751313	0.882743	-1.13283	0.0158937	0.313952	-3.1852	0.184679	0.575847	-1.73657	0.646984	0.834534	-1.19827
cg26276249	HMCN1	0.0119809	0.92307	1.01574	1.01574	0.649085	1.0769	1.0769	0.00618438	0.561324	-1.7815	0.827912	1.03584	1.03584	0.00108811	0.458576	-2.18066
cg24514412	HMCN1	0.0332312	0.00327865	0.595128	-1.68031	0.440545	0.903149	-1.10724	0.47145	1.09952	1.09952	0.00568002	0.625087	-1.59978	0.467697	0.908733	-1.10043
cg03967337	HMCN1	0.0361436	0.917441	0.981359	-1.019	0.0432797	1.52485	1.52485	0.683663	0.928347	-1.07718	0.759498	0.945797	-1.05731	0.0153615	0.582797	-1.71586
cg17286253	HMCN1	0.0379623	0.695753	0.955398	-1.04668	0.0879958	1.24432	1.24432	0.00180343	1.67415	1.67415	0.888953	1.01635	1.01635	0.877582	1.01806	1.01806
cg02362505	HMCN1	0.0440292	0.642589	0.825876	-1.21083	0.782059	1.12021	1.12021	0.033128	0.360719	-2.77224	0.0252627	0.336554	-2.97129	0.035455	0.367015	-2.72468
cg22439209	HMCN1;MIR548F1	0.000999464	0.0949832	1.20702	1.20702	0.975624	1.00314	1.00314	0.0075791	0.703127	-1.42222	0.000234616	1.8691	1.8691	0.0119238	1.37958	1.37958
cg14531576	HMCN1;MIR548F1	0.00462235	0.0149258	0.316744	-3.15713	0.0314973	0.379549	-2.63471	0.00426634	0.230269	-4.34274	0.0155069	0.319727	-3.12767	0.00812124	0.272106	-3.67503
cg03221073	HMCN1;MIR548F1	0.0203448	0.0159796	0.28865	-3.46441	0.445697	0.72076	-1.38742	0.0494633	0.388955	-2.57099	0.504735	0.751921	-1.32993	0.0402268	0.368482	-2.71384
cg09419297	HMG20A	0.00255032	0.010011	0.514718	-1.94281	0.0544395	1.56165	1.56165	0.32056	1.23323	1.23323	0.316826	0.809473	-1.23537	0.000487008	0.327394	-3.05442
cg11876919	HMG20A	0.00772632	0.614134	0.926214	-1.07966	0.0220952	1.51254	1.51254	0.000305824	2.42091	2.42091	0.592299	1.08491	1.08491	0.131954	0.78259	-1.27781
cg08316831	HMG20A	0.0127327	0.284852	1.44652	1.44652	0.129652	1.723	1.723	0.10591	1.79836	1.79836	0.0909751	1.85656	1.85656	0.258746	0.675998	-1.47929
cg18208171	HMG20A	0.0255288	0.165119	0.362224	-2.76072	0.0607687	0.234619	-4.26223	0.174396	0.371251	-2.6936	0.274679	0.458639	-2.18036	0.00144401	0.0425122	-23.5227
cg17022328	HMG20A	0.0331212	0.861178	0.977508	-1.02301	0.606363	0.93468	-1.06988	0.28517	0.86565	-1.1552	0.401945	0.894503	-1.11794	0.103172	1.26071	1.26071
cg16377351	HMG20A	0.0354026	0.0726841	1.21638	1.21638	0.733637	0.967139	-1.03398	0.997658	0.999713	-1.00029	0.311142	0.90257	-1.10795	0.585895	0.947608	-1.05529
cg21298249	HMG20A	0.03762	0.0228378	0.397582	-2.51521	0.124705	0.569571	-1.75571	0.0689913	0.502026	-1.99193	0.749222	0.897082	-1.11473	0.00644233	0.301242	-3.31959
cg06756227	HMG20A	0.0411623	0.261354	1.11683	1.11683	0.147649	1.15782	1.15782	0.0598306	1.22178	1.22178	0.0581436	1.22383	1.22383	0.091125	1.19188	1.19188
cg05493495	HMG20A	0.0463636	0.119791	1.29236	1.29236	0.170763	0.801201	-1.24813	0.726181	1.05488	1.05488	0.205792	1.22485	1.22485	0.891034	0.979387	-1.02105
cg24106257	HMG20B	0.00387411	0.00124812	0.5612	-1.78189	0.966194	1.00521	1.00521	0.0569708	1.30199	1.30199	0.00261564	0.60013	-1.66631	0.763577	1.03765	1.03765
cg09109614	HMG20B	0.00577946	0.851353	1.02503	1.02503	0.557177	0.924734	-1.08139	0.118987	0.800102	-1.24984	0.00464533	1.64249	1.64249	0.695542	1.0532	1.0532
cg13465645	HMG20B	0.0139576	0.0307553	0.445703	-2.24365	0.563819	0.830402	-1.20424	0.200684	1.53797	1.53797	0.197862	1.54261	1.54261	0.0105418	0.358857	-2.78663
cg16458196	HMG20B	0.0228271	0.148133	1.337	1.337	0.389612	1.17945	1.17945	0.321865	1.21117	1.21117	0.0490439	1.52298	1.52298	0.0629396	1.47942	1.47942
cg03603642	HMG20B	0.0291533	0.899118	1.02446	1.02446	0.505957	0.879342	-1.13721	0.921578	0.981414	-1.01894	0.627655	0.911083	-1.0976	0.376087	0.841085	-1.18894
cg08167722	HMG20B	0.030549	0.447722	1.15823	1.15823	0.221597	0.783572	-1.27621	0.231071	1.26932	1.26932	0.0507447	0.655371	-1.52585	0.511649	0.881297	-1.13469
cg24229188	HMG20B	0.0339277	0.573386	1.29218	1.29218	0.38643	0.670318	-1.49183	0.0199269	3.54606	3.54606	0.0173159	3.69116	3.69116	0.349999	1.54252	1.54252
cg12946225	HMG20B	0.0350431	0.681181	0.900877	-1.11003	0.259646	1.34599	1.34599	0.533596	1.17271	1.17271	0.292079	1.31813	1.31813	0.225106	0.724744	-1.3798

Probeset ID	UCSC_REFGENE_NAME	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04458159	HLA-H	0.695025	1.24881	1.24881	0.00186371	12.053	12.053	0.267635	0.521417	-1.91785	0.157896	2.34307	2.34307	4.27799	21.5468	4.47703	1
cg04276750	HLA-H	0.356395	0.785218	-1.27353	0.00319317	2.79037	2.79037	0.619667	0.880263	-1.13602	0.0514744	0.568295	-1.75965	3.85591	3.96784	0.914692	1
cg06959514	HLA-H	0.0638185	0.329288	-3.03685	0.775689	0.858717	-1.16453	0.320206	1.72917	1.72917	0.00819672	6.07138	6.07138	3.78585	17.0445	4.00193	1
cg26375284	HLA-H	0.165459	0.11908	-8.39774	0.166242	8.36048	8.36048	0.752322	0.634187	-1.57682	0.0195601	57.8913	57.8913	3.46797	113.653	29.1308	1
cg04211303	HLA-J;NCRNA00171	0.0661371	0.648041	-1.54311	0.0993917	1.46247	1.46247	5.70E-06	0.116327	-8.59644	0.0693223	0.652049	-1.53363	19.2631	13.5129	0.623549	1
cg18860932	HLA-J;NCRNA00171	0.000303072	0.427501	-2.33918	0.0544184	0.729171	-1.37142	0.000492232	0.453923	-2.20302	0.0055706	0.590408	-1.69374	12.6953	4.21105	0.294845	1
cg09659004	HLA-J;NCRNA00171	0.650261	1.11537	1.11537	0.0191581	0.507604	-1.97004	0.386712	1.23646	1.23646	0.901739	1.02999	1.02999	12.1914	11.0486	0.805563	1
cg17590657	HLA-J;NCRNA00171	0.269774	0.721838	-1.38535	0.000218405	0.174075	-5.74465	0.383183	0.77597	-1.28871	0.0166541	0.436396	-2.2915	8.45921	10.7783	1.13258	1
cg15803065	HLA-J;NCRNA00171	0.264803	0.715203	-1.3982	0.00218811	0.289616	-3.45285	0.0445314	0.514091	-1.94518	0.259409	0.712251	-1.404	7.91742	10.4303	1.17101	1
cg03361297	HLA-J;NCRNA00171	0.265939	0.712412	-1.40368	0.974817	1.00928	1.00928	0.00229217	0.28736	-3.47995	0.600829	0.856904	-1.16699	6.76986	9.17496	1.20468	1
cg18347921	HLA-J;NCRNA00171	0.0300365	4.97555	4.97555	0.31535	1.92081	1.92081	0.00615846	9.45642	9.45642	0.0439648	4.28649	4.28649	6.31668	39.5467	5.56505	1
cg08598483	HLA-J;NCRNA00171	0.0241957	0.624779	-1.60057	0.0160573	0.597056	-1.67488	0.771914	0.950401	-1.05219	0.361945	0.848732	-1.17823	5.78327	2.80581	0.431253	1
cg09368485	HLA-J;NCRNA00171	0.305182	1.34768	1.34768	0.113826	0.616654	-1.62165	0.572356	1.17389	1.17389	0.729184	0.906949	-1.1026	5.23197	6.54379	1.11176	1
cg01814945	HLA-J;NCRNA00171	?	?	?	0.0232264	4.9716	4.9716	0.161458	2.42032	2.42032	0.956595	1.0327	1.0327	5.25669	22.6257	4.91905	1
cg24666993	HLA-J;NCRNA00171	0.327763	0.730755	-1.36845	0.0607592	0.518705	-1.92788	0.00325103	3.47686	3.47686	0.821564	1.07266	1.07266	4.94664	7.55371	1.35737	1
cg15364169	HLA-J;NCRNA00171	0.233248	0.842207	-1.18736	0.545821	0.921239	-1.08549	0.0959699	0.771544	-1.2961	0.599917	1.07346	1.07346	7.57252	1.51768	0.143157	1
cg09003023	HLA-J;NCRNA00171	0.707959	0.860911	-1.16156	0.0373233	0.382198	-2.61644	0.0177968	0.31768	-3.14782	0.729497	0.870964	-1.14815	4.38716	11.0056	2.22986	1
cg21723245	HLA-J;NCRNA00171	0.0276094	0.234974	-4.25578	0.01181	0.174093	-5.74405	0.0167748	0.197311	-5.06814	0.0635947	0.313591	-3.18886	4.38337	19.0784	4.35246	1
cg06789824	HLA-J;NCRNA00171	0.0354395	0.370989	-2.6955	0.0733173	0.445485	-2.24474	0.00455906	0.216607	-4.61665	0.0718583	0.443229	-2.25617	4.09104	10.6227	2.30806	1
cg23318893	HLA-J;NCRNA00171	0.0976686	2.1564	2.1564	0.606698	1.24556	1.24556	0.0535427	2.52731	2.52731	0.301109	1.57313	1.57313	4.07925	11.5525	2.51736	1
cg06344336	HLA-J;NCRNA00171	0.0847966	0.651393	-1.53517	0.034202	0.573667	-1.74317	0.0146166	0.508554	-1.96636	0.0456383	0.597274	-1.67427	3.91232	3.13367	0.711978	1
cg06381959	HLA-J;NCRNA00171	0.26304	1.50908	1.50908	0.00284582	4.2568	4.2568	0.0106149	3.10549	3.10549	0.0634437	2.08762	2.08762	3.82036	7.52483	1.75081	1
cg15279748	HLA-J;NCRNA00171	0.944715	0.970435	-1.03047	0.0365327	2.86216	2.86216	0.0022508	6.36281	6.36281	0.0661096	2.44023	2.44023	3.75081	11.1245	2.63634	1
cg15788639	HLA-J;NCRNA00171	0.947143	1.04742	1.04742	0.0556	0.219614	-4.55345	0.0759722	0.251562	-3.97516	0.882223	0.901584	-1.10916	3.73539	28.8928	6.87543	1
cg24725574	HLA-J;NCRNA00171	0.1698	0.571431	-1.74999	0.318708	1.48345	1.48345	0.373148	0.704775	-1.41889	0.815701	0.914527	-1.09346	3.68894	8.55622	2.06171	1
cg21330423	HLA-J;NCRNA00171	0.812172	0.884937	-1.13002	0.587285	0.754713	-1.32501	0.657919	0.795464	-1.25713	0.816822	1.12653	1.12653	3.56825	14.9017	3.71216	1
cg02309335	HLA-L	0.101916	0.864912	-1.15619	0.931037	0.993008	-1.00704	0.000116275	0.578411	-1.72887	0.413793	1.07007	1.07007	11.5691	1.20396	0.0925038	1
cg10700459	HLA-L	0.423754	1.1282	1.1282	0.000429306	0.439237	-2.27668	0.804625	1.03727	1.03727	0.0121312	0.630264	-1.58664	8.67742	2.99561	0.306861	1
cg07723510	HLA-L	0.769823	0.868959	-1.1508	0.755386	0.861046	-1.16138	0.015291	4.16026	4.16026	0.000161505	21.8364	21.8364	7.9476	28.8457	3.22622	1
cg12956567	HLA-L	0.328983	0.797189	-1.25441	0.00611893	0.447126	-2.23651	0.0354744	0.576476	-1.73468	0.00316746	0.403729	-2.47691	5.87209	4.70731	0.712571	1
cg11456756	HLA-L	0.145957	1.98797	1.98797	0.758722	0.873175	-1.14525	0.0328367	3.00088	3.00088	0.000438609	11.5304	11.5304	5.68362	17.4421	2.72786	1
cg23721712	HLA-L	0.883837	1.01173	1.01173	0.109987	0.870232	-1.14912	0.894125	1.01068	1.01068	0.082914	1.16555	1.16555	5.67835	0.572483	0.0896166	1
cg14296767	HLA-L	0.16862	1.84243	1.84243	0.00122825	0.139546	-7.16608	0.426398	0.712965	-1.40259	0.260607	1.63034	1.63034	5.41665	14.8875	2.44308	1
cg23164681	HLA-L	0.57727	1.09133	1.09133	0.517722	0.903218	-1.10715	0.109945	0.763045	-1.31054	0.127389	0.77424	-1.29159	5.23134	1.99602	0.339157	1
cg23088286	HLA-L	0.224672	1.19264	1.19264	0.0283298	1.42984	1.42984	0.00169585	1.85782	1.85782	0.0251274	1.44476	1.44476	4.09181	1.23651	0.268615	1
cg16722947	HLA-L	0.46537	1.42148	1.42148	0.137841	0.469352	-2.1306	0.00693985	5.22606	5.22606	0.988743	0.993344	-1.0067	4.06705	14.434	3.15468	1
cg00076543	HLA-L	0.0490931	1.25427	1.25427	0.639503	0.953537	-1.04873	0.0256942	0.765501	-1.30633	0.86076	1.01786	1.01786	4.03704	0.650305	0.143186	1
cg08912051	HLA-L	0.339052	0.753266	-1.32755	0.917236	1.03034	1.03034	0.560857	1.18422	1.18422	0.607122	0.861461	-1.16082	3.45866	4.02538	1.16385	1
cg20218907	HLCS	0.734986	1.13733	1.13733	0.0407654	0.408792	-2.44623	0.961669	0.981963	-1.01837	3.57E-05	0.0488247	-20.4814	13.503	20.4517	2.01948	1
cg25297255	HLCS	0.0805121	0.723051	-1.38303	0.0016269	0.469877	-2.12821	0.3437	0.849448	-1.17724	0.645902	0.925529	-1.08046	12.1967	5.40541	0.393944	1
cg01128794	HLCS	0.0541205	0.590825	-1.69255	0.000194919	4.52139	4.52139	0.668118	0.901376	-1.10942	0.141443	0.683401	-1.46327	7.91546	7.26564	0.815916	1
cg08269941	HLCS	0.783518	0.934627	-1.06995	0.0446236	1.76124	1.76124	0.224309	0.730985	-1.36802	0.605602	0.879967	-1.13641	5.91306	5.64373	0.848401	1
cg07133174	HLCS	0.590409	0.86709	-1.15328	0.00610342	0.39084	-2.55859	0.956049	1.01457	1.01457	0.0506155	0.557317	-1.79431	5.1591	5.62851	0.969765	1
cg22644012	HLCS	0.805588	0.948451	-1.05435	0.00198405	0.391593	-2.55367	0.324689	0.803896	-1.24394	0.117482	0.694257	-1.44039	5.13553	3.74667	0.648497	1
cg22777062	HLCS	0.116678	0.527887	-1.89434	0.229447	1.60423	1.60423	0.0147722	0.324852	-3.07833	0.417656	1.36401	1.36401	4.9213	10.9487	1.97756	1
cg21871091	HLCS	0.633558	0.787765	-1.26941	0.0019478	0.113444	-8.81489	0.616925	0.778412	-1.28467	0.239689	0.542517	-1.84326	3.84032	15.0059	3.4733	1
cg04126652	HLCS	0.0394275	0.410106	-2.43839	0.00934438	0.291347	-3.43234	0.871424	1.06247	1.06247	0.010343	0.298671	-3.34816	3.82973	8.48874	1.97026	1
cg15835232	HLF	0.656811	0.964552	-1.03675	0.000199702	0.604085	-1.6554	0.0387512	0.824346	-1.21308	0.165338	1.12686	1.12686	8.47555	0.874381	0.0917024	1
cg18608206	HLF	0.377893	1.15738	1.15738	0.00458504	1.83982	1.83982	0.180822	0.794899	-1.25802	0.212706	0.808946	-1.23618	5.47516	2.26301	0.367399	1
cg25534244	HLF	0.0420766	3.04849	3.04849	0.000443214	14.001	14.001	0.0428975	3.03113	3.03113	0.0659935	2.66866	2.66866	5.4621	19.5921	3.18836	1
cg01185682	HLF	0.754041	1.14017	1.14017	0.00103623	0.131628	-7.59719	0.200968	1.75716	1.75716	0.0556156	2.47255	2.47255	5.15948	14.2342	2.4523	1
cg17254383	HLF	0.0655275	0.457323	-2.18664	0.0487172	0.426523	-2.34454	0.0305829	0.382244	-2.61613	0.224126	0.616704	-1.62152	4.09752	9.29728	2.01689	1
cg02383154	HLF	0.0346525	0.689466	-1.4504	0.00258331	0.532286	-1.87869	0.305816	1.1736	1.1736	0.423287	0.883843	-1.13142	3.76417	1.35886	0.320887	1
cg25826457	HLF;HLF	0.000403237	0.358407	-2.79012	0.048669	0.663173	-1.5079	0.554088	0.896588	-1.11534	0.846994	0.965379	-1.03586	5.44271	2.86771	0.468346	1
cg07275648	HLTF;HLTF	0.474059	0.894027	-1.11853	0.0118097	1.62212	1.62212	0.187765	1.23958	1.23958	0.66454	0.935073	-1.06944	25.1405	9.4256	0.333259	1
cg02611507	HLTF;HLTF	0.652097	1.28974	1.28974	0.0560825	0.297287	-3.36376	0.0368566	3.89327	3.89327	0.947576	1.03755	1.03755	11.7505	58.4915	4.42469	1
cg23762206	HLTF;HLTF	0.0992241	0.522064	-1.91547	0.000218964	0.109055	-9.16972	0.0188102	0.3593	-2.78319	0.00201955	0.208814	-4.78895	8.62215	17.6624	1.82088	1
cg21111416	HLTF;HLTF	0.741319	0.859568	-1.16337	0.0265507	0.300889	-3.32349	0.0611971	2.62123	2.62123	0.448409	1.42321	1.42321	7.35229	24.2985	2.93768	1
cg04120413	HLTF;HLTF	0.609024	1.26721	1.26721	0.512012	0.736904	-1.35703	0.143177	2.05914	2.05914	0.329991	1.58642	1.58642	6.67637	22.2836	2.96683	1
cg09352720	HLTF;HLTF	0.619908	1.13197	1.13197	0.0075578	2.34441	2.34441	0.291537	0.762347	-1.31174	0.555248	0.862484	-1.15944	5.83012	5.67605	0.8654	1
cg04731810	HLTF;HLTF	0.903363	1.06108	1.06108	0.279573	0.577685	-1.73105	0.0273388	3.57677	3.57677	0.260989	1.77226	1.77226	5.49989	20.7556	3.35451	1
cg09392355	HLTF;HLTF	0.143428	1.34353	1.34353	0.000194673	3.24581	3.24581	0.568116	1.11445	1.11445	0.548534	1.12078	1.12078	5.29741	2.9597	0.496628	1
cg16444198	HLTF;HLTF	0.00548862	0.263401	-3.7965	0.0293905	0.391633	-2.55341	0.444271	1.32971	1.32971	0.58172	0.816042	-1.22543	5.01673	10.6075	1.87948	1
cg02710346	HLTF;HLTF	0.215812	0.809639	-1.23512	0.00303573	1.93169	1.93169	0.918818	1.01666	1.01666	0.603139	0.91849	-1.08874	5.01367	2.08657	0.369933	1
cg02398045	HLTF;HLTF	0.852853	1.03896	1.03896	0.000558315	0.332188	-3.01034	0.606545	1.11288	1.11288	0.0410782	1.62459	1.62459	4.8435	3.25108	0.596644	1
cg02059813	HLTF;HLTF	0.0461098	1.41839	1.41839	0.000923409	2.13153	2.13153	0.581176	0.918312	-1.08895	0.520906	1.10464	1.10464	4.39573	1.62845	0.329299	1
cg20038789	HLTF;HLTF	0.0216281	0.421664	-2.37156	0.830146	1.06958	1.06958	0.0518721	0.500236	-1.99905	0.777423	0.915087	-1.09279	3.39827	5.27649	1.38018	1
cg02625929	HLX	0.00375025	1.30017	1.30017	2.29E-06	0.461369	-2.16746	0.553667	0.960606	-1.04101	0.00102315	1.38622	1.38622	35.634	2.53964	0.0633511	1
cg22888665	HLX	0.00311461	0.436837	-2.28919	0.0001169	0.251	-3.98406	0.822344	1.04714	1.04714	0.993793	1.00159	1.00159	11.2947	7.50479	0.590623	1
cg23027583	HLX	0.345181	1.54129	1.54129	?	?	?	0.105144	0.451482	-2.21493	0.688547	1.19557	1.19557	13.0518	35.2941	2.36614	1
cg12053004	HLX	0.17246	1.79	1.79	0.00232751	5.49999	5.49999	0.0021199	5.65179	5.65179	0.0724856	2.23342	2.23342	8.28005	21.081	2.26312	1
cg26440142	HLX	0.0234891	3.41288	3.41288	0.0210472	3.52157	3.52157	0.0136485	3.99056	3.99056	0.662598	1.22038	1.22038	6.9411	22.6226	2.89709	1
cg15450098	HLX	0.0952506	2.53398	2.53398	0.00340254	7.53379	7.53379	0.0745457	2.73931	2.73931	0.539229	1.37069	1.37069	5.78816	23.5869	3.62225	1
cg18645081	HLX	0.00231794	0.136946	-7.30212	0.0109538	0.22494	-4.44563	0.271418	0.585671	-1.70744	0.248119	0.568829	-1.758	5.56634	19.2489	3.07385	1
cg14166284	HLX	0.146965	2.32349	2.32349	0.00948048	5.93241	5.93241	0.0885936	2.76633	2.76633	0.497845	1.45175	1.45175	5.46715	25.4033	4.13025	1
cg08655206	HLX	0.209872	2.12635	2.12635	0.0876106	2.93414	2.93414	0.00986857	6.43339	6.43339	0.0719561	3.14778	3.14778	4.20677	21.713	4.58794	1
cg02743632	HLX	0.0275467	0.31125	-3.21285	0.135444	0.486423	-2.05583	0.785368	0.884924	-1.13004	0.0215835	0.290616	-3.44096	3.96575	12.5978	2.82368	1
cg21282663	HLX	0.13078	2.19826	2.19826	0.622672	0.787083	-1.27051	0.0629891	0.36434	-2.74469	0.512314	0.72557	-1.37823	3.55677	13.1268	3.28058	1
cg18800479	HLX	0.115036	0.719239	-1.39036	0.00236041	0.442302	-2.2609	0.704009	0.929222	-1.07617	0.145535	1.35062	1.35062	3.55206	2.08077	0.520703	1
cg07584855	HLX	0.0870968	3.55927	3.55927	0.0051106	12.0149	12.0149	0.0242363	6.08113	6.08113	0.506035	1.5737	1.5737	3.54712	25.3683	6.35716	1
cg21878149	HLX	0.209997	0.49497	-2.02032	0.00169229	0.0918257	-10.8902	0.0278737	0.250731	-3.98834	0.0965867	0.378668	-2.64083	3.51362	15.7691	3.98933	1
cg09255910	HLX	0.130548	1.81294	1.81294	0.0339282	2.46501	2.46501	0.413304	1.35628	1.35628	0.276587	0.662094	-1.51036	3.49139	7.34124	1.86904	1
cg04683240	HLX;HLX	0.645256	0.946779	-1.05621	0.951292	1.00723	1.00723	0.0172615	0.710192	-1.40807	0.861387	0.979592	-1.02083	17.9608	3.95941	0.195953	1
ch.20.577701F	HM13;HM13;HM13	0.0598124	0.530949	-1.88342	0.0230009	0.441138	-2.26687	0.0429015	0.498151	-2.00742	0.0268158	0.454682	-2.19934	10.5946	14.0538	1.03173	1
cg04306926	HM13;HM13;HM13;HM13	1.32E-05	0.315317	-3.17141	3.71E-05	0.36696	-2.72509	0.503469	1.0896	1.0896	0.000299417	0.475466	-2.1032	25.5033	6.45144	0.224857	1
cg25935716	HM13;HM13;HM13;HM13	0.557518	0.92207	-1.08452	7.05E-06	0.256916	-3.89233	0.0603617	0.748485	-1.33603	0.127793	1.25258	1.25258	24.4812	7.25358	0.26337	1
cg06527124	HM13;HM13;HM13;HM13	0.000534769	0.441444	-2.26529	0.00209046	0.518386	-1.92906	0.290802	0.846753	-1.18098	0.00202836	0.516654	-1.93553	8.32087	3.03439	0.324153	1
cg18471488	HM13;HM13;HM13;HM13	0.0507416	0.390368	-2.56169	0.00366039	0.189991	-5.2634	0.194549	1.78591	1.78591	0.0292243	0.337661	-2.96155	6.57485	18.5965	2.51416	1
cg26833395	HM13;HM13;HM13;HM13	0.616398	1.11893	1.11893	0.612111	0.892466	-1.12049	0.1484	0.708292	-1.41185	0.740442	0.928705	-1.07677	4.78108	3.74827	0.69687	1
cg08511818	HM13;HM13;HM13;HM13	0.191508	0.531263	-1.88231	0.127484	0.470563	-2.12511	0.411087	0.680819	-1.46882	0.0182306	0.269572	-3.70958	3.80302	12.6015	2.94538	1
cg01412220	HM13;HM13;HM13;PSIMCT-1	0.105349	0.777441	-1.28627	1.83E-05	0.28844	-3.46692	0.098191	0.77254	-1.29443	0.00145615	0.519846	-1.92365	31.4732	10.0904	0.284981	1
cg25359645	HM13;HM13;HM13;PSIMCT-1	0.530761	1.33522	1.33522	0.000495056	0.0835282	-11.972	0.88184	1.07006	1.07006	0.838546	0.911299	-1.09733	9.86385	32.3811	2.91805	1
cg24607140	HM13;HM13;HM13;PSIMCT-1	0.475059	1.40532	1.40532	0.00228436	0.13559	-7.37515	0.884103	0.933954	-1.07072	0.891436	1.06606	1.06606	7.03076	24.4353	3.08932	1
cg02146091	HM13;HM13;HM13;PSIMCT-1	0.966766	1.02276	1.02276	0.00157974	0.0862733	-11.5911	0.614589	0.760183	-1.31547	0.782444	0.861146	-1.16124	6.27903	29.0039	4.10593	1
cg19617948	HM13;HM13;HM13;PSIMCT-1	0.67498	1.31357	1.31357	0.00294875	0.0713507	-14.0153	0.827914	0.868666	-1.15119	0.880861	0.907558	-1.10186	5.48549	36.3393	5.88856	1
cg17840843	HM13;HM13;HM13;PSIMCT-1	0.871142	0.909552	-1.09944	0.00443791	0.108929	-9.18027	0.717025	0.808509	-1.23684	0.975952	0.98255	-1.01776	5.09833	27.5383	4.80128	1
cg06000530	HM13;HM13;HM13;PSIMCT-1	0.694794	1.29766	1.29766	0.00282838	0.0660705	-15.1353	0.809647	0.852603	-1.17288	0.978591	0.982425	-1.01789	4.51705	31.2366	6.1469	1
cg14175568	HM13;HM13;HM13;PSIMCT-1	0.21275	0.510777	-1.9578	0.00826427	0.177465	-5.63492	0.254487	0.543827	-1.83882	0.379581	0.630369	-1.58637	3.95051	16.3975	3.68952	1
cg25645178	HM13;HM13;HM13;PSIMCT-1	0.974373	1.02204	1.02204	0.00773266	0.0980483	-10.1991	0.674485	0.75072	-1.33205	0.839721	0.871574	-1.14735	3.86144	28.1763	6.48607	1
cg15815607	HM13;HM13;HM13;PSIMCT-1	0.976061	0.980172	-1.02023	0.0107012	0.117524	-8.50891	0.66463	0.747421	-1.33793	0.941772	0.952413	-1.04996	3.69031	26.0357	6.27124	1
cg07962641	HMBOX1;HMBOX1	0.0100552	0.578215	-1.72946	0.000199297	0.348734	-2.86751	0.0161666	0.608853	-1.64243	0.00152674	0.463292	-2.15847	12.7995	5.76449	0.400328	1
cg20212339	HMBOX1;HMBOX1	0.154825	0.701108	-1.42631	0.330729	1.26371	1.26371	0.341769	0.795775	-1.25664	0.641985	0.89656	-1.11537	3.91175	3.3693	0.765625	1
cg14442394	HMBOX1;HMBOX1;INTS9;INTS9;INTS9	0.281259	0.883505	-1.13186	0.0173213	0.725734	-1.37791	0.028775	0.75185	-1.33005	0.0193488	0.731391	-1.36726	4.28288	0.829731	0.172206	1
cg04338966	HMBS	0.452698	0.841685	-1.18809	0.000365382	0.276268	-3.61968	0.00377944	0.414639	-2.41174	0.01522	0.510906	-1.95731	10.2723	8.25746	0.71454	1
cg25048357	HMBS	0.757559	0.968105	-1.03295	0.000284599	0.537665	-1.85989	0.0365638	1.28961	1.28961	0.720178	1.03838	1.03838	7.42474	1.28876	0.154291	1
cg03595262	HMBS	0.149168	1.20841	1.20841	0.00337303	1.62901	1.62901	0.0256303	1.3833	1.3833	0.93529	0.990111	-1.00999	5.87497	1.39363	0.210858	1
cg21638712	HMBS;HMBS	0.000751554	0.334549	-2.9891	0.431177	1.18779	1.18779	0.107452	1.45693	1.45693	0.00990349	0.49759	-2.00969	13.0157	9.45823	0.645937	1
cg04490478	HMBS;HMBS	0.226419	0.771819	-1.29564	0.841884	1.04157	1.04157	0.0423484	0.620759	-1.61093	0.07033	0.661979	-1.51062	5.59524	3.68505	0.585426	1
cg04701106	HMBS;HMBS	0.0533014	0.741344	-1.3489	0.00145529	0.53423	-1.87185	0.49737	1.09848	1.09848	0.04512	1.36806	1.36806	5.22341	1.53752	0.261647	1
cg09995105	HMCN1	2.59E-06	0.472389	-2.1169	5.03E-06	0.503024	-1.98798	0.00993312	0.806306	-1.24022	4.85E-06	0.50139	-1.99445	103.868	7.18975	0.061529	1
cg13788537	HMCN1	0.0408179	0.778417	-1.28466	1.36E-05	0.380817	-2.62594	0.889012	0.985295	-1.01492	0.0348232	1.29819	1.29819	29.5703	5.27138	0.158459	1
cg16721191	HMCN1	0.00778339	0.672687	-1.48658	4.37E-05	0.406756	-2.45848	0.53429	1.07576	1.07576	0.142481	1.20072	1.20072	9.97272	2.12641	0.189531	1
cg24606662	HMCN1	0.0199453	0.474987	-2.10532	0.000139902	0.175006	-5.7141	0.0349278	1.91826	1.91826	0.378254	0.786953	-1.27072	9.65474	10.7398	0.988787	1
cg00579805	HMCN1	0.444189	0.732161	-1.36582	0.00605039	0.238614	-4.19086	0.895732	1.0538	1.0538	0.0165661	0.310447	-3.22116	6.72496	17.0124	2.24866	1
cg14172633	HMCN1	0.484442	1.06283	1.06283	0.00265725	0.700128	-1.42831	0.213765	1.11883	1.11883	0.00281703	1.42321	1.42321	6.6638	0.776378	0.103562	1
cg23819286	HMCN1	0.878186	1.06201	1.06201	0.000337543	0.103652	-9.64771	0.856548	0.931477	-1.07356	0.0141812	0.3051	-3.27762	5.69838	13.8883	2.16643	1
cg26276249	HMCN1	0.789729	0.957696	-1.04417	0.0113727	0.59904	-1.66934	0.437397	1.13669	1.13669	0.0830013	0.733134	-1.36401	5.57638	2.31	0.36822	1
cg24514412	HMCN1	0.900749	1.01629	1.01629	0.0370215	0.730777	-1.36841	0.918597	0.986847	-1.01333	0.71063	0.952881	-1.04945	3.94016	1.04671	0.236135	1
cg03967337	HMCN1	0.037156	1.55131	1.55131	0.05272	1.49132	1.49132	0.158088	1.31505	1.31505	0.16931	0.766643	-1.30439	3.8223	1.99388	0.463684	1
cg17286253	HMCN1	0.555945	0.933187	-1.0716	0.838107	0.976528	-1.02404	0.0750461	0.794408	-1.2588	0.170262	1.18479	1.18479	3.7545	0.801486	0.189754	1
cg02362505	HMCN1	0.545678	1.28445	1.28445	0.695929	0.851482	-1.17442	0.0193006	3.18483	3.18483	0.806926	1.10543	1.10543	3.55439	9.43284	2.35899	1
cg22439209	HMCN1;MIR548F1	0.00170591	1.58311	1.58311	0.217608	1.14226	1.14226	0.0441913	1.26752	1.26752	0.0139189	0.732307	-1.36555	11.7683	1.96003	0.148045	1
cg14531576	HMCN1;MIR548F1	0.000598005	0.130766	-7.64725	0.0169238	0.326645	-3.06143	0.599875	0.816036	-1.22544	0.0044396	0.232709	-4.2972	7.51625	17.5594	2.07662	1
cg03221073	HMCN1;MIR548F1	0.451789	1.38115	1.38115	0.0027848	0.176103	-5.6785	0.842972	0.919851	-1.08713	0.00759426	0.23546	-4.247	4.67729	13.1438	2.49789	1
cg09419297	HMG20A	0.00100077	0.368641	-2.71266	0.0195743	0.562027	-1.77927	0.61225	1.11005	1.11005	0.421325	0.84553	-1.18269	8.9792	5.93325	0.587357	1
cg11876919	HMG20A	0.218691	0.822791	-1.21538	0.150987	0.792919	-1.26116	0.535806	1.09915	1.09915	0.603026	0.923942	-1.08232	6.41393	2.30917	0.320021	1
cg08316831	HMG20A	0.015129	2.69622	2.69622	0.00150805	4.56886	4.56886	0.00496319	3.44207	3.44207	0.0362348	2.24613	2.24613	5.46709	9.5616	1.55461	1
cg18208171	HMG20A	0.489208	0.617654	-1.61903	0.00664234	0.0892824	-11.2004	0.712868	1.28853	1.28853	0.0724625	0.252932	-3.95363	4.32559	32.2244	6.62196	1
cg17022328	HMG20A	0.231192	1.1773	1.1773	0.0184293	0.689642	-1.45003	0.00381689	0.602326	-1.66023	0.297552	1.15068	1.15068	3.94485	1.05529	0.237787	1
cg16377351	HMG20A	0.0267254	0.773528	-1.29278	0.0114386	0.733751	-1.36286	0.0772605	1.21186	1.21186	0.100897	1.19215	1.19215	3.85115	0.583678	0.13472	1
cg21298249	HMG20A	0.117	0.561777	-1.78007	0.0171891	0.374115	-2.67298	0.264607	1.48252	1.48252	0.282671	0.685205	-1.45942	3.76695	6.84166	1.61443	1
cg06756227	HMG20A	0.0498668	1.2349	1.2349	0.0695931	1.21099	1.21099	0.00180369	1.51994	1.51994	0.0868706	1.19526	1.19526	3.64441	0.513577	0.125264	1
cg05493495	HMG20A	0.981992	0.996576	-1.00344	0.0729727	1.35513	1.35513	0.00339096	1.83183	1.83183	0.0436351	1.42259	1.42259	3.48626	1.27493	0.325068	1
cg24106257	HMG20B	0.00938431	0.667958	-1.4971	0.772982	1.03607	1.03607	0.0573597	0.768451	-1.30132	0.0464398	1.3224	1.3224	7.92848	1.88477	0.211308	1
cg09109614	HMG20B	0.041803	1.36238	1.36238	0.000251679	2.2157	2.2157	0.774216	1.03864	1.03864	0.181894	1.20533	1.20533	7.01975	1.93121	0.244543	1
cg13465645	HMG20B	0.147688	0.609743	-1.64004	0.0416098	2.11315	2.11315	0.00589728	0.317461	-3.14999	0.495704	1.24647	1.24647	5.30517	8.523	1.42804	1
cg16458196	HMG20B	0.00934907	1.85351	1.85351	0.000922468	2.52582	2.52582	0.451761	1.15434	1.15434	0.0593647	1.48953	1.48953	4.49653	2.49589	0.493395	1
cg03603642	HMG20B	0.00289171	0.458225	-2.18234	0.102494	0.71147	-1.40554	0.00884935	1.88678	1.88678	0.642111	0.914689	-1.09327	4.12852	2.37345	0.511014	1
cg08167722	HMG20B	0.0377952	0.632993	-1.5798	0.00875035	0.53047	-1.88512	0.0505059	1.5267	1.5267	0.339946	1.20527	1.20527	4.06057	2.31761	0.507341	1
cg24229188	HMG20B	0.294807	1.63151	1.63151	0.0135839	3.95832	3.95832	0.172537	0.519916	-1.92339	0.0332316	3.06903	3.06903	3.91084	12.5722	2.85751	1
cg12946225	HMG20B	0.720581	1.095	1.095	0.40589	0.806652	-1.23969	0.000787185	3.60502	3.60502	0.646102	1.12393	1.12393	3.86541	3.90878	0.898861	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13437146	HMG20B	0.0354473	0.0347434	1.97963	1.97963	0.0072264	2.61634	2.61634	0.841608	1.05709	1.05709	0.220715	1.42935	1.42935	0.105618	1.63313	1.63313
cg20462845	HMG20B;HMG20B	0.00158927	0.00219847	0.202608	-4.93563	0.0195802	2.68305	2.68305	0.0297609	2.4245	2.4245	0.536085	1.22748	1.22748	0.00105411	0.158372	-6.31425
cg20294304	HMGA1;HMGA1;HMGA1;HMGA1;HMGA1	0.0233071	0.462105	1.59505	1.59505	0.596606	0.716659	-1.39536	0.149054	0.380955	-2.62498	0.923752	1.06153	1.06153	0.18497	2.4033	2.4033
cg18696576	HMGA1;HMGA1;HMGA1;HMGA1;HMGA1	0.0441084	0.0620938	3.95703	3.95703	0.542704	1.49706	1.49706	0.91307	1.07413	1.07413	0.447911	1.65946	1.65946	0.0365855	4.90721	4.90721
cg10200629	HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1	0.00243533	0.606574	1.16767	1.16767	0.86164	0.949274	-1.05344	0.397841	1.29477	1.29477	0.343584	0.747403	-1.33797	0.328515	1.35115	1.35115
cg10167849	HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1	0.0396485	0.0240036	0.167247	-5.97919	0.122344	0.328866	-3.04075	0.496062	1.58259	1.58259	0.165822	0.374712	-2.66871	0.016531	0.143003	-6.99287
cg14729855	HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1	0.00795911	0.680588	1.04285	1.04285	0.0219803	1.32115	1.32115	0.220524	1.13945	1.13945	0.436488	0.922693	-1.08378	0.842875	0.980086	-1.02032
cg02802391	HMGA2	8.05E-06	8.56E-06	0.2918	-3.42701	0.0327128	1.37426	1.37426	0.00143109	0.556168	-1.79802	0.726018	1.04578	1.04578	6.45E-07	0.177202	-5.64327
cg06712651	HMGA2	0.000167541	0.116919	0.647902	-1.54344	0.595074	0.872241	-1.14647	0.132333	1.51262	1.51262	0.166733	0.686832	-1.45596	0.964071	1.01154	1.01154
cg07810733	HMGA2	0.00101358	0.00187488	0.370954	-2.69575	0.101857	0.668515	-1.49585	0.00309685	0.402448	-2.48479	0.00132244	0.349786	-2.85889	0.0123877	0.496544	-2.01392
cg17182048	HMGA2	0.0029362	0.0672101	0.653418	-1.53041	0.0972132	0.685499	-1.45879	0.015761	0.541298	-1.84741	0.404133	0.837697	-1.19375	0.246274	1.28602	1.28602
cg24268966	HMGA2	0.0115199	0.00515558	0.183404	-5.45245	0.0392804	0.334506	-2.98948	0.0703836	0.395082	-2.53112	0.424893	0.687851	-1.4538	0.0128653	0.24213	-4.13001
cg24776736	HMGA2	0.0207447	0.312676	1.3657	1.3657	0.283596	0.717156	-1.3944	0.0587586	0.528827	-1.89098	0.204888	1.49063	1.49063	0.170823	0.647117	-1.54532
cg16965605	HMGA2	0.0326937	0.0811291	0.362213	-2.7608	0.00992182	0.180756	-5.53232	0.0388921	0.284871	-3.51036	0.162354	0.456856	-2.18887	0.0207536	0.231761	-4.31479
cg14857024	HMGA2;HMGA2	2.54E-05	0.0509662	0.695463	-1.43789	0.601293	1.08995	1.08995	0.648008	1.07798	1.07798	0.00822069	1.73723	1.73723	0.0386185	1.47894	1.47894
cg03114845	HMGA2;HMGA2	0.000188152	0.0144567	0.767689	-1.30261	0.0181395	0.777493	-1.28619	0.000143225	0.562738	-1.77703	0.0824152	0.844711	-1.18384	0.0094342	0.749298	-1.33458
cg25390063	HMGA2;HMGA2	0.000396395	0.309206	0.780861	-1.28064	0.000264654	4.08896	4.08896	0.133637	1.46267	1.46267	0.821429	0.94825	-1.05457	0.915655	0.975407	-1.02521
cg13138552	HMGA2;HMGA2	0.00145333	0.00191983	0.236214	-4.23345	0.00020221	0.128996	-7.75215	0.0281595	0.426707	-2.34353	0.0046904	0.290916	-3.43742	0.0229997	0.409282	-2.4433
cg02534850	HMGA2;HMGA2	0.00288746	0.000539679	0.169611	-5.89585	0.00109167	0.204215	-4.89679	0.0413815	0.460401	-2.17202	0.077273	0.523295	-1.91097	0.0273294	0.422784	-2.36527
cg01598741	HMGA2;HMGA2	0.00541082	0.384909	0.748312	-1.33634	0.0633314	0.506803	-1.97315	0.0372471	0.455226	-2.19671	0.950123	1.02057	1.02057	0.911097	1.03702	1.03702
cg24892571	HMGA2;HMGA2	0.0409487	0.0624371	0.700511	-1.42753	0.425143	0.870889	-1.14825	0.348918	0.849017	-1.17783	0.321971	1.18966	1.18966	0.0571033	0.693942	-1.44104
cg23146197	HMGA2;HMGA2	0.0426724	0.806946	0.919249	-1.08784	0.451588	1.30182	1.30182	0.623214	0.843413	-1.18566	0.6172	0.840884	-1.18922	0.0155622	0.360498	-2.77394
cg05315443	HMGA2;HMGA2;RPSAP52;HMGA2;HMGA2	0.00811655	0.0974271	0.766594	-1.30447	0.0673119	1.34935	1.34935	0.0365442	1.42632	1.42632	0.942403	1.01062	1.01062	0.998462	1.00028	1.00028
cg20688651	HMGA2;RPSAP52;HMGA2	0.00071107	0.0044152	0.324338	-3.08321	0.00773322	0.362844	-2.75601	0.000290569	0.173612	-5.75996	0.000426948	0.191552	-5.22052	0.0111744	0.389752	-2.56574
cg00425708	HMGA2;RPSAP52;HMGA2	0.00139786	0.824516	1.03907	1.03907	0.324219	1.19207	1.19207	0.209622	1.25632	1.25632	0.919453	1.01761	1.01761	0.398719	1.16079	1.16079
cg25161912	HMGA2;RPSAP52;HMGA2	0.00566164	0.0128753	0.366529	-2.7283	0.0457114	0.474978	-2.10536	0.0270362	0.42708	-2.34148	0.00274218	0.260926	-3.83251	0.0176004	0.391136	-2.55666
cg16409497	HMGA2;RPSAP52;HMGA2	0.00720181	0.673076	0.935384	-1.06908	0.119077	0.766234	-1.30508	0.0520981	0.706249	-1.41593	0.0690739	0.726016	-1.37738	0.0220336	0.649035	-1.54075
cg20088964	HMGA2;RPSAP52;HMGA2	0.00740924	0.386052	1.16516	1.16516	0.417296	0.867104	-1.15326	0.53409	1.11441	1.11441	0.889119	1.02429	1.02429	0.965226	1.00753	1.00753
cg03257822	HMGA2;RPSAP52;HMGA2	0.0296932	0.883172	1.03763	1.03763	0.176636	1.43447	1.43447	0.536813	1.17011	1.17011	0.422019	0.813816	-1.22878	0.11293	1.54247	1.54247
cg00179128	HMGB1	0.00241826	0.457575	1.04989	1.04989	0.0214227	0.837024	-1.19471	0.736618	0.978507	-1.02196	0.0421403	0.860111	-1.16264	0.000699288	1.3948	1.3948
cg00589914	HMGB1	0.00289748	0.0714576	0.846939	-1.18072	0.68913	0.967359	-1.03374	0.753346	1.02636	1.02636	0.270447	1.09932	1.09932	0.446774	0.938009	-1.06609
cg07472750	HMGB1	0.00480091	0.477194	1.11758	1.11758	0.0178923	1.5568	1.5568	0.00109444	2.09752	2.09752	0.508374	1.10871	1.10871	0.360448	0.865365	-1.15558
cg05818394	HMGB1	0.0237504	0.00508775	0.279768	-3.57439	0.0466046	0.456616	-2.19002	0.00812095	0.311664	-3.20859	0.115325	0.554906	-1.80211	0.0106104	0.331045	-3.02073
cg12485044	HMGB1	0.0469272	0.294668	1.21428	1.21428	0.00373779	0.496877	-2.01257	0.0594764	0.683861	-1.46229	0.99646	1.00079	1.00079	0.581729	1.10449	1.10449
cg06974461	HMGB1L1	5.38E-05	0.00972592	1.36223	1.36223	0.421842	0.925373	-1.08065	0.000751706	0.616821	-1.62122	0.131442	1.16641	1.16641	0.00137457	1.55078	1.55078
cg07404466	HMGB1L1	0.0108573	0.0236758	0.698167	-1.43232	0.0145672	0.670148	-1.49221	0.0898301	0.779789	-1.2824	0.066119	0.760172	-1.31549	0.000274734	0.452666	-2.20913
cg10793301	HMGB1L1	0.0137314	0.00818522	0.153112	-6.53116	0.0659131	0.318441	-3.1403	0.0621485	0.312043	-3.20468	0.234599	0.501091	-1.99565	0.00319616	0.107278	-9.32158
cg23291271	HMGB1L1	0.0167627	0.0286418	0.253947	-3.93783	0.002345	0.104935	-9.52966	0.0271676	0.24953	-4.00753	0.199448	0.486883	-2.05388	0.00344752	0.121401	-8.23717
cg22846149	HMGB1L1	0.021218	0.0522318	0.573326	-1.74421	0.0178272	0.483997	-2.06613	0.0229248	0.503766	-1.98505	0.408663	1.23729	1.23729	0.00377181	0.373479	-2.67752
cg19734257	HMGB1L1	0.0222839	0.0114786	0.615051	-1.62588	0.122398	0.773138	-1.29343	0.0697717	0.732218	-1.36571	0.0726986	0.735107	-1.36035	0.00164111	0.500103	-1.99959
cg27130882	HMGB1L1	0.0251117	0.0131089	0.655157	-1.52635	0.884559	0.980229	-1.02017	0.755565	0.957986	-1.04386	0.860648	0.976138	-1.02445	0.000833592	0.500942	-1.99624
cg16344227	HMGB1L1	0.0337315	0.824862	1.05227	1.05227	0.219568	1.3455	1.3455	0.52772	1.15844	1.15844	0.276024	0.770685	-1.29755	0.000863159	0.316708	-3.15748
cg12571493	HMGB2;HMGB2	0.0485432	0.0883288	0.309549	-3.2305	0.0224613	0.18177	-5.50145	0.123676	0.35352	-2.82869	0.105569	0.332014	-3.01192	0.0230131	0.183509	-5.44932
cg21499459	HMGB2;HMGB2;HMGB2	0.000153994	0.00950958	0.67207	-1.48794	0.226253	1.16615	1.16615	0.0131972	1.45015	1.45015	0.780254	0.966733	-1.03441	5.64E-05	0.404463	-2.47241
cg19371349	HMGB2;HMGB2;HMGB2	0.00118561	0.00065001	0.103372	-9.67384	0.136335	0.498287	-2.00688	0.00991215	0.243169	-4.11237	0.000243411	0.0718759	-13.9129	0.00321051	0.174537	-5.72944
cg23467443	HMGB2;HMGB2;HMGB2	0.0104745	0.0111925	5.32647	5.32647	0.799345	1.14343	1.14343	0.00182927	0.0972953	-10.278	0.0291529	3.86779	3.86779	0.168373	2.16493	2.16493
cg08269316	HMGB2;HMGB2;HMGB2	0.0234652	0.0588294	0.582787	-1.71589	0.112964	1.54725	1.54725	0.993056	0.997801	-1.0022	0.175363	0.694464	-1.43996	0.0234091	0.503996	-1.98414
cg14705778	HMGB2;HMGB2;HMGB2;HMGB2	0.00156908	0.585029	0.949876	-1.05277	0.196039	1.13703	1.13703	0.0536951	1.23137	1.23137	0.14589	1.15834	1.15834	0.537191	1.06003	1.06003
cg25086702	HMGB2;HMGB2;HMGB2;HMGB2	0.00573534	0.252259	1.10369	1.10369	0.020095	1.26031	1.26031	0.0355744	1.22365	1.22365	0.601749	0.95749	-1.0444	0.0195081	1.26226	1.26226
cg19091677	HMGB2;HMGB2;HMGB2;HMGB2	0.00869025	0.890678	0.967147	-1.03397	0.00735522	0.432084	-2.31436	0.390438	1.23832	1.23832	0.0636018	0.602546	-1.65962	0.968683	0.990509	-1.00958
cg02023473	HMGB3	0.000240735	0.000111752	0.23563	-4.24395	0.000104545	0.232392	-4.30308	0.00105806	0.356825	-2.80249	0.00307932	0.42223	-2.36838	0.000119899	0.239071	-4.18285
cg18665563	HMGB3	0.0276106	0.00439764	0.255883	-3.90803	0.552487	0.806213	-1.24037	0.307266	0.684655	-1.46059	0.226325	1.57675	1.57675	0.047755	0.44425	-2.25098
cg08122495	HMGB3	0.0285123	0.155489	1.42473	1.42473	0.0147186	0.496963	-2.01222	0.0239712	0.534055	-1.87247	0.591581	1.13445	1.13445	0.103544	0.660578	-1.51382
cg20060394	HMGB4;CSMD2;HMGB4	0.000992757	0.674853	0.92725	-1.07846	0.00523987	0.517216	-1.93343	0.17237	1.29697	1.29697	0.161398	0.765103	-1.30701	2.87E-05	0.229724	-4.35304
cg05723953	HMGB4;CSMD2;HMGB4	0.0220752	0.807998	1.0527	1.0527	0.0324029	0.589566	-1.69616	0.00666937	0.475914	-2.10122	0.110514	1.44319	1.44319	0.0144598	1.88841	1.88841
cg21696012	HMGCL	0.0040272	0.0026671	0.161937	-6.17522	0.00752652	0.221488	-4.51492	0.00452616	0.190528	-5.24858	0.0947314	0.447136	-2.23646	0.00151499	0.135029	-7.40583
cg06890502	HMGCL;HMGCL	0.00803008	0.0207977	0.710844	-1.40678	0.00099879	0.549126	-1.82107	0.478702	1.09235	1.09235	0.932806	0.98971	-1.0104	0.177029	1.19243	1.19243
cg22232708	HMGCL;HMGCL	0.0183569	0.127701	0.683336	-1.46341	0.0133086	0.492106	-2.03208	0.628695	0.89346	-1.11924	0.307315	0.783234	-1.27676	0.674722	0.907026	-1.1025
cg26963356	HMGCLL1;HMGCLL1	3.18E-06	0.359423	0.887731	-1.12647	0.359942	1.12631	1.12631	0.0569275	1.31295	1.31295	0.385116	0.893569	-1.11911	0.973607	0.995828	-1.00419
cg22508969	HMGCLL1;HMGCLL1	7.39E-05	0.267415	1.23307	1.23307	0.548803	1.11629	1.11629	0.618696	1.09525	1.09525	0.999672	0.999925	-1.00007	0.756318	0.945116	-1.05807
cg21705897	HMGCLL1;HMGCLL1	0.00135479	0.0776637	2.7659	2.7659	0.451884	0.671915	-1.48828	0.00847946	0.174935	-5.71642	0.930969	0.956047	-1.04597	0.0141376	0.207843	-4.81133
cg00988179	HMGCLL1;HMGCLL1	0.00263238	0.00187566	0.140784	-7.10308	0.381694	0.671056	-1.49019	0.0297605	0.320707	-3.11811	0.845987	0.91717	-1.09031	0.000224162	0.0652182	-15.3331
cg11907729	HMGCLL1;HMGCLL1	0.00889182	0.894236	1.08046	1.08046	0.521797	1.45901	1.45901	0.0444141	3.83127	3.83127	0.734329	1.21919	1.21919	0.535261	0.693985	-1.44095
cg15594967	HMGCLL1;HMGCLL1	0.0272217	0.875871	1.04004	1.04004	0.490869	1.19216	1.19216	0.264135	1.33958	1.33958	0.859695	1.04544	1.04544	0.629011	1.13007	1.13007
cg13973820	HMGCLL1;HMGCLL1	0.0339369	0.108167	0.417954	-2.39261	0.772271	0.865512	-1.15539	0.450001	1.46688	1.46688	0.446368	0.679544	-1.47157	0.61258	1.28939	1.28939
cg11377875	HMGCLL1;HMGCLL1	0.0345704	0.132311	1.36872	1.36872	0.887718	0.973068	-1.02768	0.00413482	0.475646	-2.1024	0.105954	0.710891	-1.40669	0.237325	1.27028	1.27028
cg06401021	HMGCLL1;HMGCLL1;HMGCLL1;HMGCLL1	0.00356899	0.615352	1.31284	1.31284	0.902359	0.936185	-1.06816	0.603451	1.32519	1.32519	0.432839	1.53733	1.53733	0.129167	0.414391	-2.41318
cg07025548	HMGCR;HMGCR	0.00387491	0.75684	1.02598	1.02598	0.0127775	0.774591	-1.291	0.686692	1.03405	1.03405	0.887474	0.988377	-1.01176	0.00542467	0.739224	-1.35277
cg10552847	HMGCR;HMGCR	0.0050799	0.35848	1.07944	1.07944	0.0364747	0.821359	-1.21749	0.000705019	0.658382	-1.51887	0.0331704	1.22334	1.22334	0.275015	0.912163	-1.09629
cg01563485	HMGCR;HMGCR	0.00703029	0.498646	0.914862	-1.09306	0.355196	0.884079	-1.13112	0.00323923	0.594394	-1.68238	0.155856	1.21737	1.21737	0.006029	0.628283	-1.59164
cg26510404	HMGCR;HMGCR	0.0270694	0.133303	0.339219	-2.94795	0.00067497	0.0311057	-32.1484	0.111003	0.31376	-3.18715	0.854923	1.12997	1.12997	0.0562371	0.236131	-4.23494
cg24854943	HMGCR;HMGCR	0.0310789	0.0516151	0.756862	-1.32125	0.0929824	1.26163	1.26163	0.0713643	1.28819	1.28819	0.112748	0.804857	-1.24246	0.0538986	0.759424	-1.31679
cg00360362	HMGCR;HMGCR	0.0460623	0.581941	0.94356	-1.05982	0.748086	0.966894	-1.03424	0.0278865	1.31191	1.31191	0.0757416	0.813407	-1.2294	0.275582	0.888247	-1.12581
cg07355069	HMGCS1;HMGCS1	0.000224812	0.114341	1.59331	1.59331	0.00337152	0.339087	-2.9491	0.139289	0.6495	-1.53964	0.0228468	0.477756	-2.09312	5.14E-05	0.127961	-7.81486
cg13597632	HMGCS1;HMGCS1	0.00516286	0.000825729	0.50004	-1.99984	0.051052	0.736559	-1.35766	0.189292	1.21087	1.21087	0.634309	0.93619	-1.06816	0.109826	0.786751	-1.27105
cg18646457	HMGCS1;HMGCS1	0.00619898	0.61144	1.04219	1.04219	0.655349	1.03689	1.03689	0.00512396	1.36572	1.36572	0.0112793	0.76714	-1.30354	0.706475	0.969965	-1.03096
cg06203126	HMGCS1;HMGCS1	0.00789858	0.126237	0.687587	-1.45436	0.560735	1.14246	1.14246	0.565018	0.876603	-1.14077	0.588928	0.883798	-1.13148	0.00169513	0.362278	-2.76031
cg18229466	HMGCS1;HMGCS1	0.0176084	0.267535	1.19448	1.19448	0.726055	0.947316	-1.05561	0.813432	0.964279	-1.03704	0.00566578	1.74797	1.74797	0.0137344	1.59802	1.59802
cg23391157	HMGCS1;HMGCS1	0.0247903	0.178141	0.866541	-1.15401	0.236462	1.13224	1.13224	0.0332201	1.28302	1.28302	0.218114	0.878357	-1.13849	0.396843	1.09075	1.09075
cg11813387	HMGCS1;HMGCS1	0.030196	0.0149069	2.51859	2.51859	0.05814	1.93597	1.93597	0.191341	1.5323	1.5323	0.00927707	2.76885	2.76885	0.124885	1.66943	1.66943
cg01244303	HMGCS1;HMGCS1	0.0342685	0.147433	2.17545	2.17545	0.0169105	0.232954	-4.29269	0.292487	0.579212	-1.72648	0.909598	0.944788	-1.05844	0.933297	0.959008	-1.04274
cg27540878	HMGCS2;HMGCS2	0.00481204	0.664298	0.871909	-1.14691	0.00438215	3.30172	3.30172	0.00602413	0.324206	-3.08445	0.346791	0.737773	-1.35543	0.00105356	0.218475	-4.57718
cg18199617	HMGCS2;HMGCS2	0.00574202	0.0654729	0.702873	-1.42273	0.137289	0.761144	-1.31381	0.00248869	0.488295	-2.04794	0.0388183	0.665003	-1.50375	0.00104888	0.437389	-2.28629
cg10212621	HMGCS2;HMGCS2	0.00885784	0.247795	0.744545	-1.3431	0.0505635	0.580448	-1.72281	0.0480747	0.576024	-1.73604	0.423328	0.81902	-1.22097	0.000628961	0.277183	-3.60772
cg24482350	HMGCS2;HMGCS2	0.0196828	0.0167414	0.422191	-2.3686	0.132475	0.619164	-1.61508	0.0743357	0.555906	-1.79886	0.564772	1.18753	1.18753	0.0203815	0.43803	-2.28295
cg22718139	HMGCS2;HMGCS2	0.0312903	0.0582871	0.732401	-1.36537	0.028449	1.45697	1.45697	0.567824	0.919399	-1.08767	0.0919672	0.763389	-1.30995	0.36683	1.14445	1.14445
cg10587401	HMGCS2;HMGCS2	0.0392403	0.750885	1.13601	1.13601	0.256509	0.622392	-1.6067	0.0156796	0.30548	-3.27354	0.00830194	0.25898	-3.8613	0.0433696	0.394463	-2.53509
cg13976683	HMGCS2;HMGCS2;HMGCS2;HMGCS2	0.0189402	0.193193	0.742591	-1.34664	0.629955	0.900393	-1.11063	0.969439	0.991754	-1.00831	0.0539493	0.62321	-1.6046	0.00309503	0.41691	-2.3986
cg14518302	HMGN1	0.000502996	0.863999	0.990659	-1.00943	0.000377511	1.36482	1.36482	0.00141374	1.28779	1.28779	0.0844956	0.900813	-1.11011	0.0328458	1.14642	1.14642
cg24641125	HMGN1	0.00096974	0.0491697	2.41896	2.41896	0.0154361	0.306302	-3.26476	0.000116006	0.0570629	-17.5245	0.234476	1.62197	1.62197	0.489193	0.762364	-1.31171
cg18829411	HMGN1	0.00203769	0.297277	1.36475	1.36475	0.000906051	4.17207	4.17207	0.0201463	0.446378	-2.24025	0.510874	0.825374	-1.21157	0.814998	0.934772	-1.06978
cg04973239	HMGN1	0.0333152	0.166088	0.738064	-1.3549	0.101214	1.44644	1.44644	0.0277379	0.585621	-1.70759	0.0123917	0.527182	-1.89688	0.122049	0.708456	-1.41152
cg20345978	HMGN2	0.00288187	0.421278	0.923477	-1.08286	0.00249012	0.665454	-1.50273	0.0548865	0.809798	-1.23488	0.549486	1.06044	1.06044	0.483204	1.07149	1.07149
cg06758143	HMGN2	0.0274683	0.865577	0.975381	-1.02524	0.213186	1.21273	1.21273	0.405741	0.882365	-1.13332	0.0501595	0.719965	-1.38896	0.104134	0.769963	-1.29876
cg21644096	HMGN2	0.0474253	0.22892	0.873595	-1.14469	0.872969	1.01727	1.01727	0.259377	0.881674	-1.13421	0.240727	1.14049	1.14049	0.809237	1.02622	1.02622
cg14989462	HMGN2;HMGN2	0.0158355	0.0195705	1.3568	1.3568	0.689637	0.957511	-1.04437	0.0401381	1.2924	1.2924	0.608219	1.05752	1.05752	0.0239693	1.33818	1.33818
cg10577937	HMGN2;HMGN2	0.0345818	0.0797392	0.756366	-1.32211	0.0106006	1.58652	1.58652	0.185267	1.22351	1.22351	0.37073	0.876353	-1.14109	0.516782	0.909927	-1.09899
cg17154022	HMGN2;HMGN2	0.0461988	0.674943	1.15136	1.15136	0.368851	0.73461	-1.36127	0.00148423	4.6262	4.6262	0.268433	0.680328	-1.46988	0.900911	1.0425	1.0425
cg04547799	HMGN3;HMGN3	0.00902333	0.841115	0.922423	-1.0841	0.0254567	2.99783	2.99783	0.218032	0.591398	-1.69091	0.289039	0.640681	-1.56084	0.000392197	0.0856573	-11.6744
cg14080940	HMGN3;HMGN3	0.0202103	0.245513	0.882475	-1.13318	0.0409125	1.27491	1.27491	0.258619	1.12899	1.12899	0.342333	1.10595	1.10595	0.521704	1.06913	1.06913
cg02211825	HMGN3;HMGN3	0.029225	0.378458	1.19535	1.19535	0.0124227	0.540972	-1.84852	0.0346066	0.61477	-1.62663	0.00757119	1.97066	1.97066	0.413241	0.847742	-1.1796
cg13176979	HMGN3;HMGN3	0.0389102	0.0450847	3.64544	3.64544	0.0478515	3.57038	3.57038	0.0579602	3.33915	3.33915	0.0114543	5.92872	5.92872	0.138836	2.45047	2.45047
cg02189121	HMGN3;HMGN3	0.0451549	0.0322958	0.643251	-1.5546	0.134607	0.752817	-1.32834	0.147239	1.31488	1.31488	0.230376	0.801336	-1.24792	0.00479858	0.517494	-1.93239
cg19643841	HMGN3;HMGN3;HMGN3;HMGN3	0.00984634	0.386946	1.11893	1.11893	0.12404	1.23498	1.23498	0.0449409	1.33858	1.33858	0.609228	1.06751	1.06751	0.830903	0.973266	-1.02747
cg11576988	HMGN4	0.00299264	0.0112776	0.25798	-3.87626	0.0872534	0.44664	-2.23894	0.0634674	0.410311	-2.43717	0.0453015	0.375215	-2.66514	0.000381608	0.0887857	-11.2631
cg05130022	HMGN4	0.00375075	?	?	?	0.194283	1.84851	1.84851	0.764254	1.14108	1.14108	0.443924	1.41129	1.41129	0.00814608	0.195429	-5.11694
cg08269949	HMGN4	0.00936458	0.0307813	0.745977	-1.34052	0.00268478	0.619201	-1.61498	0.122106	0.824007	-1.21358	0.0312758	0.746835	-1.33898	0.00645402	0.664194	-1.50559
cg10721359	HMGN4	0.0110084	0.13619	0.683343	-1.46339	0.300292	1.28986	1.28986	0.805461	0.943163	-1.06026	0.850002	1.04592	1.04592	0.923996	0.977626	-1.02289
cg18835472	HMGN4	0.0133154	0.00772193	0.529659	-1.88801	0.0230367	0.603637	-1.65663	0.0616906	0.676505	-1.47818	0.302861	0.820212	-1.2192	0.00424308	0.491279	-2.0355
cg06024557	HMGXB3	0.00222449	0.00643017	0.583115	-1.71493	0.000404778	0.42503	-2.35277	0.691124	0.941035	-1.06266	0.437486	1.12809	1.12809	0.241836	0.829921	-1.20493
cg01274321	HMGXB3	0.00414843	0.028405	0.406727	-2.45865	0.00304702	0.243774	-4.10216	0.002123	0.22272	-4.48994	0.00910979	0.315946	-3.1651	0.000518244	0.15213	-6.57334
cg09859756	HMGXB3	0.0175174	0.0388841	0.352905	-2.83362	0.476033	0.729303	-1.37117	0.581166	1.27469	1.27469	0.229904	0.577703	-1.73099	0.00108505	0.122372	-8.17182
cg20618750	HMGXB3;TIGD6	0.00138417	0.384164	0.860586	-1.162	0.0193812	0.62144	-1.60917	0.00106501	2.25676	2.25676	0.215794	1.24508	1.24508	0.0237501	1.57484	1.57484
cg07371612	HMGXB3;TIGD6	0.00221287	0.00185123	0.451553	-2.21458	0.503012	1.13008	1.13008	0.964095	1.00813	1.00813	0.479764	0.878757	-1.13797	0.0136337	0.577534	-1.7315
cg04565622	HMGXB3;TIGD6	0.00338603	0.0004884	0.181016	-5.52436	0.744449	0.902749	-1.10773	0.207866	0.660089	-1.51495	0.0103833	0.364369	-2.74447	0.0112406	0.370297	-2.70054
cg26588194	HMGXB3;TIGD6	0.0107596	0.968612	1.01747	1.01747	0.0106539	0.243436	-4.10786	0.132507	0.489536	-2.04275	0.670534	0.828363	-1.2072	0.139362	0.496578	-2.01378
cg05913238	HMGXB3;TIGD6	0.0194046	0.0121297	0.391558	-2.5539	0.340676	1.34239	1.34239	0.115073	0.598217	-1.67164	0.351965	1.33274	1.33274	0.0625527	0.533391	-1.8748
cg19884619	HMGXB3;TIGD6	0.0285318	0.0343476	0.43907	-2.27754	0.00736813	0.316147	-3.16308	0.0294687	0.425303	-2.35126	0.391843	0.746373	-1.33981	0.0246429	0.409718	-2.4407
cg19667623	HMGXB3;TIGD6	0.0344362	0.557596	1.13211	1.13211	0.744792	0.933944	-1.07073	0.226805	0.766823	-1.30408	0.269772	0.78628	-1.27181	0.121399	1.42099	1.42099
cg04117874	HMGXB3;TIGD6;HMGXB3	0.0424123	0.904255	1.0256	1.0256	0.10756	0.691459	-1.44622	0.977428	0.994074	-1.00596	0.857173	0.962861	-1.03857	0.270734	0.785923	-1.27239
cg24690457	HMGXB4;HMGXB4	0.000463614	0.284752	1.13907	1.13907	4.78E-05	2.45297	2.45297	0.46244	1.09162	1.09162	0.000967478	1.77826	1.77826	0.216892	1.16447	1.16447
cg03070533	HMGXB4;HMGXB4	0.00491416	0.00235854	0.130927	-7.63785	0.00408847	0.162517	-6.15321	0.0449608	0.361005	-2.77005	0.103552	2.16805	2.16805	?	?	?
cg24413879	HMGXB4;HMGXB4	0.00729429	0.839294	1.07116	1.07116	0.595969	0.8343	-1.19861	0.304732	0.697794	-1.43309	0.534364	0.808118	-1.23744	0.0388376	0.444941	-2.24749
ch.22.528917R	HMGXB4;HMGXB4	0.0190751	0.0132513	0.153534	-6.51324	0.00495634	0.103193	-9.69057	0.0382727	0.23092	-4.3305	0.0027763	0.0806151	-12.4046	0.0262827	0.200131	-4.99674
cg20781212	HMGXB4;HMGXB4	0.0216899	0.654321	0.938062	-1.06603	0.157532	0.807014	-1.23914	0.0153348	1.52533	1.52533	0.0957337	0.771366	-1.2964	0.00206111	0.540239	-1.85103
cg20571453	HMGXB4;HMGXB4	0.0429948	0.0413722	0.684871	-1.46013	0.863235	1.02813	1.02813	0.630462	1.08111	1.08111	0.13168	0.769653	-1.29929	0.284833	0.836322	-1.19571
cg11142944	HMGXB4;HMGXB4	0.0445644	0.163729	0.788521	-1.2682	0.394761	1.14952	1.14952	0.794764	0.95918	-1.04256	0.562266	0.910586	-1.09819	0.809992	1.03926	1.03926
cg16239536	HMHA1	9.93E-06	0.769376	1.03735	1.03735	0.00197351	1.72511	1.72511	0.582298	0.933062	-1.07174	0.0167494	1.43931	1.43931	7.87E-06	0.294865	-3.39138
cg19617213	HMHA1	1.29E-05	0.000793147	0.323351	-3.09262	1.39E-07	0.0249354	-40.1037	0.0136041	0.506628	-1.97384	0.241678	0.76112	-1.31385	0.00148391	0.360226	-2.77604
cg19307500	HMHA1	2.00E-05	0.732945	0.943619	-1.05975	0.931216	1.01474	1.01474	2.30E-05	0.238122	-4.19952	0.383993	1.16329	1.16329	2.99E-06	0.151627	-6.59513
cg10653926	HMHA1	3.83E-05	0.000734911	0.29298	-3.41321	0.855246	0.957238	-1.04467	0.0168085	0.497464	-2.0102	0.0386953	0.563838	-1.77356	1.36E-05	0.11341	-8.81758
cg02324006	HMHA1	4.79E-05	0.000140408	0.273643	-3.6544	0.46801	0.864519	-1.15671	0.00897969	0.519401	-1.92529	0.477436	0.867264	-1.15305	1.58E-05	0.172375	-5.80131
cg07319712	HMHA1	9.33E-05	0.00152047	1.83983	1.83983	0.000206369	2.29318	2.29318	0.396304	0.890481	-1.12299	0.000704858	1.99268	1.99268	0.00356293	0.590198	-1.69435
cg12977334	HMHA1	0.000200079	0.389477	0.820355	-1.21898	3.99E-05	5.82987	5.82987	0.00897342	2.10891	2.10891	0.222264	0.749747	-1.33378	0.00263174	0.39265	-2.54679

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13437146	0.335574	1.31721	1.31721	0.00231937	3.25576	3.25576	0.66788	1.12723	1.12723	0.603384	1.15654	1.15654	3.84938	4.69343	1.08379	1
cg20462845	0.15627	1.65897	1.65897	0.00253893	4.71655	4.71655	0.0206621	2.64781	2.64781	0.0106371	3.13277	3.13277	15.8302	25.3207	1.06634	1
cg20294304	0.125127	2.81604	2.81604	0.00118099	19.4385	19.4385	0.0159622	6.29796	6.29796	0.571247	1.42886	1.42886	4.46439	27.5046	5.47634	1
cg18696576	0.108172	3.15103	3.15103	0.00244786	15.8071	15.8071	0.0255563	5.68232	5.68232	0.144641	2.78994	2.78994	3.552	24.1239	6.03701	1
cg10200629	0.473916	1.24276	1.24276	2.86E-05	0.0860177	-11.6255	0.396272	0.771644	-1.29594	0.318852	0.735336	-1.35992	9.10193	12.8369	1.25364	1
cg10167849	0.208108	0.414158	-2.41454	0.0103866	0.117228	-8.53041	0.0146413	0.135827	-7.36231	0.421417	0.579551	-1.72547	3.69512	25.8175	6.21059	1
cg14729855	0.488476	1.07394	1.07394	0.000243284	0.540705	-1.84944	0.693141	0.9606	-1.04102	0.345452	1.1035	1.1035	6.35438	1.03385	0.144621	1
cg02802391	0.382787	0.892372	-1.12061	0.0280449	0.718822	-1.39117	0.726777	0.95635	-1.04564	7.97E-06	0.288361	-3.46787	42.9104	11.0006	0.227878	1
cg06712651	0.132779	0.66147	-1.51179	0.0482276	0.562576	-1.77754	3.35E-05	0.128821	-7.76272	7.28E-06	0.0803924	-12.439	19.2731	19.8191	0.91407	1
cg07810733	0.0116058	0.491859	-2.0331	0.00253747	0.389793	-2.56546	0.00811649	0.46665	-2.14294	7.65E-05	0.199462	-5.01349	11.7216	9.38811	0.711933	1
cg17182048	0.967727	1.00843	1.00843	0.00306899	2.3187	2.3187	0.0555741	0.637587	-1.56841	0.000402105	0.31112	-3.21419	8.61292	5.87089	0.6059	1
cg24268966	0.134429	0.476582	-2.09827	0.0147067	0.251872	-3.97027	0.0012113	0.113539	-8.80756	0.0218057	0.282515	-3.53963	5.64771	18.8592	2.96823	1
cg24776736	0.121645	0.606061	-1.65	0.514259	1.21821	1.21821	0.0986659	0.582512	-1.7167	0.0010392	0.234741	-4.26002	4.64638	6.55389	1.25381	1
cg16965605	0.121035	0.413574	-2.41795	0.0198979	0.228546	-4.37548	0.0135993	0.201221	-4.96966	0.0247883	0.245773	-4.06879	3.9633	17.3116	3.88265	1
cg14857024	0.00386675	0.52954	-1.88843	0.00327287	1.92478	1.92478	8.93E-05	0.318033	-3.14433	1.40E-06	0.134202	-7.45147	31.8323	13.4539	0.375689	1
cg03114845	0.150689	0.873619	-1.14466	2.56E-05	2.07985	2.07985	0.0518514	0.823594	-1.21419	0.183805	0.883654	-1.13166	18.6777	2.27617	0.108325	1
cg25390063	0.652301	0.898879	-1.1125	0.202993	1.37146	1.37146	3.72E-05	0.155136	-6.44597	0.00658818	0.436369	-2.29164	15.2382	13.3332	0.777765	1
cg13138552	0.0101981	0.344997	-2.89857	0.0155065	0.377043	-2.65222	0.000844526	0.192266	-5.20112	0.00216753	0.243209	-4.11169	10.5753	18.0772	1.51944	1
cg02534850	0.00625096	0.308858	-3.23774	0.185245	0.629263	-1.58916	0.00142107	0.218244	-4.58202	0.00699359	0.31661	-3.15846	8.65577	14.9026	1.5304	1
cg01598741	0.0867796	0.540302	-1.85082	0.0264349	2.3551	2.3551	0.534393	0.814816	-1.22727	0.00018569	0.128183	-7.80134	7.1634	12.0175	1.49123	1
cg24892571	0.427172	1.14753	1.14753	0.0751928	1.39974	1.39974	0.258716	0.818717	-1.22142	0.00606117	0.544247	-1.8374	3.65143	1.66611	0.405591	1
cg23146197	0.307366	1.43821	1.43821	0.00362102	0.258172	-3.87339	0.0484272	0.460484	-2.17163	0.485041	0.783484	-1.27635	3.59606	6.73599	1.66503	1
cg05315443	0.844	0.971619	-1.02921	0.0406572	0.707933	-1.41256	0.0262462	1.47003	1.47003	0.000813288	2.09142	2.09142	6.31533	2.13614	0.300664	1
cg20688651	0.554857	0.837792	-1.19361	0.000188074	0.154611	-6.46783	0.442221	0.792804	-1.26135	0.00172153	0.265694	-3.76372	12.9538	18.0136	1.23609	1
cg00425708	0.832087	0.964023	-1.03732	0.840308	1.03543	1.03543	2.49E-05	4.24608	4.24608	0.00113042	2.28598	2.28598	10.6942	5.04374	0.419229	1
cg25161912	0.0399009	0.46212	-2.16394	0.000550898	0.17493	-5.71658	0.0073238	0.325088	-3.07609	0.0365932	0.454109	-2.20211	7.06439	11.8176	1.48697	1
cg16409497	0.222755	0.817368	-1.22344	0.000237225	0.383483	-2.60768	0.185455	1.24734	1.24734	0.38857	1.14923	1.14923	6.5567	2.57278	0.348791	1
cg20088964	0.107876	0.739486	-1.35229	0.00681087	0.547117	-1.82776	0.00247489	2.06224	2.06224	0.00378928	1.95794	1.95794	6.49874	3.04582	0.416603	1
cg03257822	0.740274	1.08715	1.08715	0.91024	0.97207	-1.02873	0.000509164	3.9111	3.9111	0.588999	1.14685	1.14685	4.10177	4.09884	0.888254	1
cg00179128	0.166476	1.09961	1.09961	0.00100424	0.730309	-1.36928	0.419216	1.05456	1.05456	0.165353	1.09992	1.09992	9.12077	0.598437	0.0583223	1
cg00589914	0.0239755	1.24889	1.24889	0.000140131	0.581227	-1.7205	0.00662533	0.747628	-1.33756	0.46058	1.06396	1.06396	8.64688	0.932692	0.0958795	1
cg07472750	0.200884	0.812389	-1.23094	0.0017301	0.502881	-1.98854	0.171402	1.25103	1.25103	0.886656	0.978303	-1.02218	7.43008	2.78377	0.333033	1
cg05818394	0.286381	0.683272	-1.46355	0.0157052	0.361109	-2.76925	0.0485248	0.460571	-2.17122	0.182483	0.614636	-1.62698	4.43542	8.31341	1.66607	1
cg12485044	0.0334761	0.641593	-1.55862	0.343753	1.19032	1.19032	0.964955	0.992182	-1.00788	0.629906	0.916923	-1.0906	3.47044	1.75391	0.449231	1
cg06974461	0.0468561	0.806478	-1.23996	0.358992	1.09325	1.09325	6.24E-05	0.497957	-2.00821	1.08E-05	0.411692	-2.429	26.1078	3.69443	0.125784	1
cg07404466	0.0452442	0.736705	-1.35739	0.434579	0.899375	-1.11188	0.326179	0.87385	-1.14436	0.158978	0.818523	-1.22171	5.75668	1.61329	0.249107	1
cg10793301	0.0284423	0.238297	-4.19645	0.00514784	0.128852	-7.76083	0.0135426	0.183654	-5.44502	0.0227705	0.220561	-4.53389	5.33371	25.9822	4.33006	1
cg23291271	0.0394339	0.282278	-3.54261	0.0518555	0.30895	-3.23677	0.0323355	0.264362	-3.7827	0.125132	0.414257	-2.41396	4.99289	22.2877	3.9679	1
cg22846149	0.21617	0.720413	-1.38809	0.100733	1.57294	1.57294	0.575518	0.867156	-1.1532	0.244212	0.735679	-1.35929	4.61073	4.6356	0.893683	1
cg19734257	0.0541366	0.714673	-1.39924	0.455699	1.12386	1.12386	0.0702557	0.732703	-1.36481	0.12131	0.772462	-1.29456	4.53394	1.69623	0.33255	1
cg27130882	0.517238	0.913705	-1.09444	0.509994	0.912235	-1.09621	0.219722	1.19408	1.19408	0.354684	0.87733	-1.13982	4.35048	1.30167	0.265958	1
cg16344227	0.217527	0.742137	-1.34746	0.865193	0.961693	-1.03983	0.222051	0.744521	-1.34315	0.230316	0.74879	-1.33549	3.91902	3.27988	0.743924	1
cg12571493	0.124186	0.3541	-2.82406	0.0131823	0.147141	-6.7962	0.0135561	0.1488	-6.72041	0.0996075	0.324496	-3.0817	3.42635	21.1025	5.47455	1
cg21499459	0.147677	0.828689	-1.20673	1.20E-05	0.326728	-3.06065	0.0809695	0.791304	-1.26374	0.0193662	0.710299	-1.40786	19.7167	4.56968	0.206015	1
cg19371349	0.0195357	0.29379	-3.40379	0.000345895	0.0821925	-12.1666	0.00879664	0.235046	-4.25448	0.0457614	0.37012	-2.70183	11.2103	33.4447	2.6519	1
cg23467443	0.0361627	3.60386	3.60386	0.938794	0.960396	-1.04124	0.527904	0.714255	-1.40006	0.543454	0.72353	-1.38211	5.82348	25.5372	3.89797	1
cg08269316	0.721932	0.913557	-1.09462	0.00133294	0.307185	-3.25537	0.186118	0.701413	-1.42569	0.852789	0.954089	-1.04812	4.45398	4.51553	0.901174	1
cg14705778	0.103079	1.18339	1.18339	3.96E-05	0.441342	-2.26582	0.446293	0.930064	-1.07519	0.239492	1.12245	1.12245	12.4259	1.67058	0.104567	1
cg25086702	0.993642	1.00066	1.00066	0.0133242	0.776502	-1.28783	0.00168673	0.690552	-1.44812	0.493762	0.944279	-1.05901	7.03633	0.758456	0.0958145	1
cg19091677	0.202567	1.3865	1.3865	0.00350143	0.382072	-2.61731	0.0240793	1.92229	1.92229	0.0413577	1.77098	1.77098	6.1806	5.7756	0.830642	1
cg02023473	0.0220834	0.557587	-1.79344	0.000557448	0.319977	-3.12523	0.00112571	0.360483	-2.77406	0.0507403	0.622689	-1.60594	17.4687	12.53	0.637581	1
cg18665563	0.981079	1.00854	1.00854	0.0250834	0.384744	-2.59913	0.00887935	0.303118	-3.29904	0.239268	0.642916	-1.55541	4.20848	8.56367	1.80876	1
cg08122495	0.139775	1.44781	1.44781	0.0427877	1.72129	1.72129	0.310117	0.783013	-1.27712	0.270881	0.765691	-1.30601	4.1611	3.57467	0.763618	1
cg20060394	0.848308	1.03488	1.03488	0.088631	1.39971	1.39971	0.11249	1.36251	1.36251	0.0827817	0.70898	-1.41048	11.7908	5.98506	0.451204	1
cg05723953	0.554786	0.881597	-1.13431	0.10681	1.44979	1.44979	0.588995	1.12195	1.12195	0.778746	1.06122	1.06122	4.54861	3.20573	0.626463	1
cg21696012	0.172048	0.528808	-1.89104	0.00195587	0.146735	-6.81499	0.87469	1.07162	1.07162	0.0112511	0.24864	-4.02187	7.83646	23.8412	2.7043	1
cg06890502	0.189955	0.843437	-1.18562	0.0496331	0.759801	-1.31613	0.530165	0.924965	-1.08112	0.0138711	1.45195	1.45195	6.33666	1.50978	0.211788	1
cg22232708	0.770007	1.07013	1.07013	0.00127559	2.96323	2.96323	0.297097	0.778862	-1.28392	0.6761	1.10202	1.10202	4.84302	4.09981	0.752481	1
cg26963356	0.245222	0.857606	-1.16604	0.000389354	0.489323	-2.04364	3.94E-08	11.7121	11.7121	0.100652	0.796714	-1.25515	54.5326	13.7942	0.224848	1
cg22508969	0.0100729	0.554944	-1.80198	0.0116227	0.564388	-1.77183	1.05E-06	10.1354	10.1354	0.585449	0.904947	-1.10504	23.9987	12.4988	0.462944	1
cg21705897	0.921745	0.950301	-1.0523	0.94427	1.03693	1.03693	5.21E-05	50.6378	50.6378	0.695241	0.815256	-1.22661	10.7907	45.997	3.78903	1
cg00988179	0.0120942	0.248818	-4.019	0.00149128	0.130492	-7.66329	0.307377	0.625129	-1.59967	0.0169926	0.27414	-3.64777	8.89575	27.8509	2.78294	1
cg11907729	0.694299	1.25837	1.25837	0.0597574	0.290552	-3.44172	0.000223647	35.6483	35.6483	0.525386	0.687688	-1.45415	6.13586	32.8961	4.76558	1
cg15594967	0.295403	1.3133	1.3133	0.16265	0.687716	-1.45409	0.000477981	3.96293	3.96293	0.938279	1.01964	1.01964	4.22951	4.22604	0.88816	1
cg13973820	0.238431	1.84892	1.84892	0.0111921	0.205516	-4.86579	0.00565768	6.09272	6.09272	0.562207	0.747019	-1.33865	3.91046	15.3434	3.48771	1
cg11377875	0.711263	0.93067	-1.0745	0.0593277	1.50891	1.50891	0.546287	1.12524	1.12524	0.142697	1.35591	1.35591	3.88444	2.2975	0.525744	1
cg06401021	0.0594259	0.318793	-3.13683	0.212128	0.493545	-2.02616	7.28E-05	48.3334	48.3334	0.632788	0.772105	-1.29516	8.12618	37.1516	4.06386	1
cg07025548	0.660956	0.964211	-1.03712	0.00308208	0.715695	-1.39724	0.195328	0.893062	-1.11974	0.00135622	1.46835	1.46835	7.92799	0.856169	0.095994	1
cg10552847	0.788883	1.02196	1.02196	0.00349138	0.725558	-1.37825	0.0346314	0.819216	-1.22068	0.187751	0.893145	-1.11964	7.30315	0.757982	0.0922563	1
cg01563485	0.014544	0.677108	-1.47687	0.0109076	1.51281	1.51281	0.0902347	0.785163	-1.27362	0.464439	0.908051	-1.10126	6.60622	1.75583	0.236253	1
cg26510404	0.0890315	0.285919	-3.49749	0.0860099	0.281814	-3.54844	0.141974	0.348536	-2.86914	0.559685	0.674502	-1.48258	4.23785	29.913	6.27425	1
cg24854943	0.641587	0.942755	-1.06072	0.0380579	0.739061	-1.35307	0.604961	0.936487	-1.06782	0.0509385	1.32261	1.32261	4.03577	1.01072	0.222613	1
cg00360362	0.289517	0.891487	-1.12172	0.667172	1.04624	1.04624	0.120265	1.19253	1.19253	0.0102963	1.40185	1.40185	3.49481	0.604203	0.153676	1
cg07355069	0.00048734	0.227073	-4.40387	0.000324473	0.206703	-4.83785	0.24304	1.39282	1.39282	0.000309918	0.204473	-4.89062	17.797	20.7341	1.03558	1
cg13597632	0.173277	0.819236	-1.22065	0.00101985	0.511587	-1.9547	0.870857	1.02264	1.02264	0.125792	1.25602	1.25602	7.26707	2.17917	0.26655	1
cg18646457	0.00241235	1.43256	1.43256	0.0195465	0.791142	-1.264	0.723417	1.02905	1.02905	0.0406126	1.21508	1.21508	7.91918	0.796606	0.0782383	1
cg06203126	0.000513719	0.292983	-3.41316	0.552871	1.1456	1.1456	0.720178	1.08485	1.08485	0.423139	1.2035	1.2035	6.36966	5.17152	0.721688	1
cg18229466	0.0383669	1.44657	1.44657	0.0887199	1.33495	1.33495	0.0191881	0.646638	-1.54646	0.813614	0.964314	-1.03701	4.91129	1.84134	0.333262	1
cg23391157	0.03102	0.776085	-1.28852	0.00980976	0.721186	-1.38661	0.0897611	1.20594	1.20594	0.459654	1.07829	1.07829	4.37001	0.693755	0.141114	1
cg11813387	0.0613666	1.91602	1.91602	0.0308843	2.1857	2.1857	0.00589113	3.03924	3.03924	0.056387	1.94737	1.94737	4.07739	6.1458	1.33981	1
cg01244303	0.570255	1.33224	1.33224	0.00177091	0.107953	-9.26329	0.576175	0.753992	-1.32627	0.570621	0.750826	-1.33187	3.89676	15.4299	3.51971	1
cg27540878	0.724826	1.11733	1.11733	0.0173097	0.402529	-2.48429	0.852227	1.06028	1.06028	0.884732	0.955485	-1.04659	7.42484	11.5874	1.38722	1
cg18199617	0.0584351	0.694446	-1.44	0.00235585	0.485009	-2.06182	0.0139266	0.595685	-1.67874	0.00882551	0.566337	-1.76573	7.03381	3.23968	0.409411	1
cg10212621	0.261179	0.751204	-1.3312	0.000956749	0.300797	-3.3245	0.0670749	0.60588	-1.65049	0.0904631	0.634183	-1.57683	6.14332	5.79896	0.839064	1
cg24482350	0.0343794	0.482519	-2.07246	0.00575608	0.34347	-2.91146	0.73469	0.904435	-1.10566	0.00585422	0.344631	-2.90166	4.73017	6.53248	1.22758	1
cg22718139	0.0191761	1.51052	1.51052	0.0380146	1.41916	1.41916	0.366071	1.14471	1.14471	0.137717	1.26193	1.26193	4.02602	1.35061	0.298197	1
cg10587401	0.0583332	0.424633	-2.35497	0.0132401	0.292509	-3.41869	0.902664	0.952195	-1.0502	0.617612	0.81749	-1.22326	3.70921	9.41691	2.25671	1
cg13976683	0.809344	1.05363	1.05363	0.00139229	0.367457	-2.72141	0.721964	1.08028	1.08028	0.247689	0.770115	-1.29851	4.79217	3.54547	0.657642	1
cg14518302	0.0180532	0.854514	-1.17026	0.000865357	0.760574	-1.3148	0.00930381	0.834764	-1.19794	0.354604	1.05351	1.05351	14.2669	0.677056	0.0421836	1
cg24641125	?	?	?	0.000426813	0.0981569	-10.1878	0.491545	1.30972	1.30972	0.757033	0.887257	-1.12707	14.7763	30.2282	1.79	1
cg18829411	0.0277422	0.472969	-2.1143	0.00105452	4.03214	4.03214	0.0251006	2.15278	2.15278	0.105083	0.600694	-1.66474	9.58958	12.5785	1.16594	1
cg04973239	0.00819695	0.498726	-2.00511	0.792722	0.947279	-1.05566	0.295937	0.800201	-1.24969	0.135333	0.718167	-1.39243	3.93658	2.63702	0.595446	1
cg20345978	0.0294797	1.28201	1.28201	0.000389329	0.578088	-1.72984	0.0424853	0.797414	-1.25405	0.0132596	0.742731	-1.34638	8.66074	1.28798	0.132191	1
cg06758143	0.0650705	0.737303	-1.35629	0.00675193	0.596503	-1.67644	0.0103694	0.62188	-1.60803	0.23977	1.19855	1.19855	4.21613	1.44547	0.304749	1
cg21644096	0.0206537	0.742083	-1.34756	0.00266003	0.640966	-1.56014	0.910888	1.01205	1.01205	0.919987	0.989304	-1.01081	3.45665	0.62712	0.161266	1
cg14989462	0.226021	0.871529	-1.14741	0.0123533	0.713971	-1.40062	0.0642402	1.2522	1.2522	0.127194	0.836599	-1.19532	5.08845	0.942786	0.164693	1
cg10577937	0.00929492	0.622587	-1.6062	0.643836	1.06914	1.06914	0.229011	0.834209	-1.19874	0.746631	0.954517	-1.04765	3.88398	1.26841	0.290289	1
cg17154022	0.423254	0.760854	-1.31431	0.995876	0.998275	-1.00173	0.656717	1.16123	1.16123	0.150069	0.597148	-1.67463	3.49093	6.1737	1.572	1
cg04547799	0.897855	1.05302	1.05302	0.123886	0.507322	-1.97113	?	?	?	0.909537	0.955308	-1.04678	7.09043	15.8098	1.95102	1
cg14080940	0.0665213	1.23589	1.23589	0.00192699	0.636466	-1.57118	0.857112	1.01872	1.01872	0.110744	1.19586	1.19586	4.68786	0.786591	0.149149	1
cg02211825	0.397712	0.842826	-1.18648	0.305764	1.23294	1.23294	0.506568	1.14233	1.14233	0.723416	0.932238	-1.07269	4.12494	2.54744	0.548951	1
cg13176979	0.0116928	5.88436	5.88436	0.0769028	3.02417	3.02417	0.0191057	4.93105	4.93105	0.0510944	3.48954	3.48954	3.72073	18.6484	4.45515	1
cg02189121	0.79939	1.04584	1.04584	0.700446	0.934223	-1.07041	0.0428968	0.663557	-1.50703	0.327836	0.83713	-1.19456	3.52099	1.72756	0.436131	1
cg19643841	0.000458692	0.497053	-2.01186	0.160102	0.826811	-1.20947	0.324903	1.13748	1.13748	0.153419	1.21373	1.21373	5.93995	1.51058	0.226052	1
cg11576988	0.0132492	0.269701	-3.70781	0.000510899	0.098616	-10.1403	0.225944	0.581121	-1.72081	0.00375169	0.188197	-5.31358	8.56439	24.7171	2.56536	1
cg05130022	0.397743	1.46635	1.46635	0.000226069	0.0368653	-27.1258	0.0162695	0.248966	-4.01662	0.169391	0.518586	-1.92832	11.7658	30.308	1.93196	1
cg08269949	0.00210773	0.606816	-1.64795	0.462697	1.0902	1.0902	0.480374	0.920467	-1.08641	0.910021	1.01315	1.01315	6.03572	1.27581	0.18789	1
cg10721359	0.66242	1.10979	1.10979	0.000180456	0.222451	-4.49536	0.109532	0.661169	-1.51247	0.845472	1.04736	1.04736	5.73111	5.10426	0.791665	1
cg18835472	0.244824	0.797778	-1.25348	0.295107	0.817395	-1.2234	0.113314	1.37713	1.37713	0.00634716	0.516946	-1.93444	5.38776	2.94261	0.485482	1
cg06024557	0.470541	1.11819	1.11819	0.00127267	2.04475	2.04475	0.0801878	0.744249	-1.34364	0.612944	1.08072	1.08072	9.34696	3.42815	0.326015	1
cg01274321	0.0199738	0.376605	-2.6553	0.176635	0.606834	-1.6479	0.221564	0.639664	-1.56332	0.0107248	0.327884	-3.04986	7.76664	14.8755	1.70249	1
cg09859756	0.0652409	0.405955	-2.46333	0.0309357	0.331683	-3.01493	0.202861	1.79598	1.79598	0.0619386	0.40028	-2.49825	4.91983	14.7831	2.67093	1
cg20618750	0.00268982	0.497627	-2.00954	0.035551	0.662501	-1.50943	0.0152751	1.65068	1.65068	0.012855	1.68171	1.68171	10.7245	4.80888	0.39858	1
cg07371612	0.00619035	0.526098	-1.90079	0.000165907	0.315258	-3.172	0.0783538	0.703409	-1.42165	0.00569975	0.520852	-1.91993	9.3613	4.79896	0.455678	1
cg04565622	0.647225	0.865782	-1.15503	0.000877456	0.21004	-4.761	0.135878	0.604896	-1.65318	0.00292966	0.2785	-3.59066	8.25512	12.792	1.37741	1
cg26588194	0.00471926	0.191674	-5.2172	0.00554631	0.201185	-4.97055	0.00143951	0.131705	-7.59274	0.0942081	0.445017	-2.2471	5.77345	17.7054	2.72595	1
cg05913238	0.152892	0.631881	-1.58258	0.0727772	0.548689	-1.82253	0.798346	1.0798	1.0798	0.00179008	0.263782	-3.79102	4.75305	6.76918	1.26593	1
cg19884619	0.0813885	0.525115	-1.90435	0.00631555	0.30547	-3.27365	0.0410463	0.455597	-2.19492	0.0909148	0.53741	-1.86078	4.16009	7.32592	1.56533	1
cg19667623	0.096721	1.46447	1.46447	0.00272226	0.420623	-2.37742	0.206636	1.32138	1.32138	0.297479	1.25355	1.25355	3.8899	2.6969	0.616273	1
cg04117874	0.189572	0.746832	-1.33899	0.000697665	0.337414	-2.96372	0.581066	0.889506	-1.12422	0.518827	0.871623	-1.14729	3.60424	2.51923	0.6213	1
cg24690457	0.00112958	1.75337	1.75337	0.0134834	0.698773	-1.43108	0.0544788	0.774388	-1.29134	0.731476	0.960436	-1.04119	14.5929	3.17402	0.193337	1
cg03070533	0.579735	0.789698	-1.26631	0.544381	0.771694	-1.29585	0.200439	0.559774	-1.78644	0.000711686	0.0769883	-12.989	10.6349	25.2213	1.77868	1
cg24413879	0.076369	0.513005	-1.9493	9.94E-05	0.0964922	-10.3635	0.24176	0.660459	-1.5141	0.063745	0.493813	-2.02506	6.5306	11.855	1.61361	1
ch.22.528917R	0.306792	0.524222	-1.90759	0.0480574	0.25174	-3.97235	0.321422	0.535093	-1.86884	0.554587	0.694297	-1.4403	4.78068	28.213	5.24574	1
cg20781212	0.555326	1.08832	1.08832	0.466664	1.11081	1.11081	0.39337	1.13206	1.13206	0.841896	1.02874	1.02874	4.57615	1.45867	0.283336	1
cg20571453	0.406077	0.872186	-1.14654	0.105359	1.32933	1.32933	0.471675	0.888879	-1.12501	0.00272745	0.513899	-1.94591	3.58601	1.47016	0.364419	1
cg11142944	0.00790211	0.580031	-1.72405	0.0364532	0.677935	-1.47507	0.0827465	1.35957	1.35957	0.115476	1.31465	1.31465	3.53838	1.43229	0.359811	1
cg16239536	6.87E-05	0.403431	-2.47874	9.99E-07	0.20135	-4.96646	0.178007	0.836518	-1.19543	0.230538	0.854809	-1.16985	40.6477	10.014	0.218987	1
cg19617213	0.0807198	0.649587	-1.53944	8.75E-05	0.208736	-4.79075	0.00858032	0.473906	-2.11013	0.0336591	0.575443	-1.73779	37.9498	29.8187	0.698435	1
cg19307500	5.59E-06	0.176157	-5.67674	0.43145	0.872799	-1.14574	0.000718242	0.417982	-2.39245	0.00816793	0.563509	-1.77459	33.8596	15.396	0.404179	1
cg10653926	0.00281794	0.373562	-2.67693	1.58E-06	0.0552194	-18.1096	0.000478023	0.26929	-3.71347	0.00545612	0.416964	-2.39829	28.5537	25.9004	0.80629	1
cg02324006	2.53E-05	0.192442	-5.19637	9.46E-06	0.15207	-6.57594	0.032455	0.610412	-1.63824	0.0537235	0.6493	-1.54012	26.9246	16.5752	0.547212	1
cg07319712	0.0111283	0.653784	-1.52956	0.000487654	0.481996	-2.07471	0.325609	1.14515	1.14515	0.00035695	2.1493	2.1493	22.5538	6.36933	0.251028	1
cg12977334	0.259025	0.767658	-1.30266	0.0144292	0.508141	-1.96796	0.000409697	0.283614	-3.52592	0.0153519	0.512686	-1.95051	18.3692	14.6679	0.709783	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04587220	HMHA1	0.00021476	0.00135856	1.75762	1.75762	0.000130756	2.23741	2.23741	0.00108318	1.795	1.795	0.000101098	2.30607	2.30607	0.281889	1.14524	1.14524
cg11629220	HMHA1	0.000253316	0.00147602	0.101791	-9.82403	0.875757	0.925039	-1.08104	0.00251549	0.123748	-8.08096	0.846942	1.10102	1.10102	0.00462522	0.153133	-6.53026
cg11714200	HMHA1	0.000364227	0.00285803	0.213922	-4.6746	0.354689	0.699249	-1.43011	0.00336603	0.22343	-4.47567	0.450428	1.335	1.335	0.00032024	0.112117	-8.91927
cg00311654	HMHA1	0.000561899	0.0005245	2.34563	2.34563	0.00443669	0.549435	-1.82005	0.0891111	0.743977	-1.34413	0.455498	1.12738	1.12738	0.0279658	0.663919	-1.50621
cg17924072	HMHA1	0.000851023	0.000841795	0.124594	-8.02607	0.000295463	0.0867533	-11.5269	0.0871737	0.456876	-2.18878	0.129494	0.506935	-1.97264	0.000370414	0.0941073	-10.6262
cg16609181	HMHA1	0.0015566	0.201111	0.516323	-1.93677	0.198249	1.94589	1.94589	0.00330189	0.140933	-7.09558	0.483278	1.4174	1.4174	0.00337099	0.141942	-7.04515
cg27100370	HMHA1	0.002953	0.00758805	3.47695	3.47695	0.00776648	3.45755	3.45755	0.708865	0.872744	-1.14581	0.0641752	2.12723	2.12723	0.000923317	0.165983	-6.0247
cg13675871	HMHA1	0.00360853	0.512495	1.23633	1.23633	0.00215509	0.252645	-3.95812	0.0140945	2.63195	2.63195	0.968691	0.987543	-1.01261	0.000338283	0.158057	-6.32685
cg19548313	HMHA1	0.00396176	0.124761	0.620899	-1.61057	0.140617	0.634731	-1.57547	0.00438926	0.335915	-2.97694	0.502475	1.21553	1.21553	0.000966759	0.244428	-4.09118
cg14478768	HMHA1	0.00406789	0.0147856	0.386321	-2.58852	0.0767729	1.86658	1.86658	0.314078	0.718832	-1.39115	0.552861	0.826651	-1.2097	0.00508117	0.309009	-3.23615
cg10714639	HMHA1	0.00438301	0.00323414	0.104248	-9.59254	0.00145249	0.0750723	-13.3205	0.143619	0.41292	-2.42178	0.25458	0.511915	-1.95345	0.00218514	0.089005	-11.2353
cg02753354	HMHA1	0.004656	0.00435147	0.220057	-4.54428	0.00063836	0.12449	-8.03275	0.0273379	0.354366	-2.82194	0.181457	0.569118	-1.75711	0.00562256	0.235911	-4.23888
cg07690733	HMHA1	0.00494357	?	?	?	0.605162	1.24531	1.24531	0.893167	1.05808	1.05808	0.667164	1.19952	1.19952	0.725138	1.15996	1.15996
cg18073514	HMHA1	0.00635549	0.323171	0.650083	-1.53826	0.031802	0.345773	-2.89207	0.00416063	0.197712	-5.05787	0.765943	1.13427	1.13427	0.00349021	0.187762	-5.32589
cg19008720	HMHA1	0.0070593	0.00294271	0.147922	-6.7603	0.765396	0.869319	-1.15033	0.160326	0.495629	-2.01764	0.376304	0.653842	-1.52942	0.000203264	0.0542006	-18.45
cg02308560	HMHA1	0.00844327	0.0118511	2.36488	2.36488	0.731543	0.909967	-1.09894	0.00114354	3.70681	3.70681	0.00892649	2.48769	2.48769	0.210369	1.43563	1.43563
cg24852713	HMHA1	0.00860895	0.0631392	0.536872	-1.86264	0.145604	1.592	1.592	0.321416	0.73723	-1.35643	0.133617	0.617871	-1.61846	0.0144804	0.407963	-2.45121
cg10655396	HMHA1	0.0134721	0.00472483	0.202677	-4.93395	0.245483	1.67629	1.67629	0.769422	0.882497	-1.13315	0.549329	0.772871	-1.29388	0.0109685	0.257327	-3.8861
cg00450695	HMHA1	0.0154877	0.0251829	0.469166	-2.13144	0.364621	0.767347	-1.30319	0.0535464	0.536197	-1.86498	0.61151	1.15674	1.15674	0.0006211	0.223822	-4.46784
cg03751944	HMHA1	0.0171734	0.557195	1.16705	1.16705	0.0521607	1.77668	1.77668	0.118457	0.643367	-1.55432	0.0244304	2.00913	2.00913	0.0363473	0.530926	-1.8835
cg24024661	HMHA1	0.0220066	0.0191765	0.0729478	-13.7084	0.0148801	0.0628432	-15.9126	0.0579635	0.138075	-7.24246	0.16059	0.250416	-3.99336	0.00690442	0.0395457	-25.2872
cg12817436	HMHA1	0.0285753	0.012204	0.224917	-4.44609	0.972091	0.983424	-1.01686	0.149306	0.4777	-2.09336	0.145844	0.474244	-2.10862	0.0501208	0.343983	-2.90712
cg13347784	HMHA1	0.0379133	0.0473338	0.727146	-1.37524	0.981249	1.00331	1.00331	0.462173	0.900232	-1.11082	0.136913	1.25231	1.25231	0.264729	0.849401	-1.1773
cg15823954	HMHB1	0.000551592	0.0783755	0.802859	-1.24555	0.0315074	0.753344	-1.32742	1.50E-05	0.364866	-2.74073	0.440448	1.09237	1.09237	0.0012403	0.588583	-1.69899
cg10678215	HMHB1	0.0015744	0.0347475	0.68561	-1.45855	0.000621623	0.445988	-2.24221	0.725484	0.94737	-1.05555	0.789441	0.959786	-1.0419	0.00715986	0.587113	-1.70325
cg26919780	HMHB1	0.00501037	0.00287619	0.142204	-7.03217	0.764045	0.866565	-1.15398	0.0371851	0.316376	-3.16079	0.0120607	0.225536	-4.43388	0.00348662	0.151704	-6.59178
cg06471487	HMHB1	0.00718162	0.093337	0.578048	-1.72996	0.482139	0.808857	-1.23631	0.731457	0.902762	-1.10771	0.00217305	0.27877	-3.58719	0.00358794	0.310018	-3.22562
cg02228160	HMHB1	0.0188395	0.00402412	0.165648	-6.03689	0.0947736	0.425557	-2.34986	0.087727	0.41605	-2.40356	0.0177778	0.261597	-3.82268	0.0268698	0.295276	-3.38666
cg09560590	HMHB1	0.0398643	0.0780522	0.526215	-1.90036	0.0343572	0.445128	-2.24654	0.0414526	0.462501	-2.16216	0.0314535	0.437168	-2.28745	0.0189405	0.393809	-2.5393
cg15122828	HMMR;HMMR;HMMR;NUDCD2;HMMR	0.0168655	0.0360129	0.687842	-1.45382	0.481808	1.11593	1.11593	0.883308	0.977718	-1.02279	0.00572609	0.573623	-1.74331	0.0834308	0.745279	-1.34178
cg09847085	HMMR;HMMR;HMMR;NUDCD2;HMMR	0.0286726	0.666084	0.936171	-1.06818	0.609953	0.924813	-1.0813	0.279682	0.843044	-1.18618	0.709791	0.944793	-1.05843	0.407691	1.13731	1.13731
cg18660976	HMMR;HMMR;HMMR;NUDCD2;HMMR;HMMR;HMMR;HMMR;HMMR	0.000791022	0.32386	0.915819	-1.09192	0.537965	0.947602	-1.05529	9.67E-05	1.81928	1.81928	0.0348527	0.808762	-1.23646	0.241607	0.899619	-1.11158
cg22001924	HMMR;HMMR;NUDCD2;HMMR;HMMR	0.0279654	0.597526	1.29785	1.29785	0.516708	1.37948	1.37948	0.277663	1.73745	1.73745	0.00125256	0.0996677	-10.0333	0.941898	0.964961	-1.03631
cg11458974	HMOX1	0.0264233	0.485173	1.26319	1.26319	0.00720815	3.13419	3.13419	0.0341737	2.25723	2.25723	0.126941	0.580556	-1.72249	0.491449	1.25883	1.25883
cg05718255	HMOX1	0.0288503	0.0170912	0.332261	-3.00968	0.0543988	0.437223	-2.28716	0.0171628	0.332596	-3.00665	0.140741	0.548505	-1.82314	0.00660069	0.262691	-3.80675
ch.22.533187F	HMOX1	0.0289723	0.0109772	0.263712	-3.79202	0.00380883	0.195978	-5.10262	0.00749806	0.23753	-4.20999	0.150578	0.525456	-1.90311	0.208563	0.57483	-1.73964
cg01673284	HMOX2;HMOX2;HMOX2	0.00555198	0.045301	0.524634	-1.90609	0.00143012	3.65276	3.65276	0.0396935	0.512675	-1.95055	0.0383252	1.96254	1.96254	0.13294	0.634197	-1.5768
cg21798873	HMOX2;HMOX2;HMOX2	0.00631967	0.00263411	0.508103	-1.96811	0.352588	0.855914	-1.16834	0.914649	1.01759	1.01759	0.0542651	0.700985	-1.42656	0.843088	0.968279	-1.03276
cg16778289	HMOX2;HMOX2;HMOX2	0.0105395	0.022936	1.52132	1.52132	?	?	?	0.0444292	1.38361	1.38361	?	?	?	0.0062307	0.511045	-1.95677
cg05772946	HMOX2;HMOX2;HMOX2;HMOX2	0.0233826	0.994268	0.997861	-1.00214	0.0604689	0.532047	-1.87953	0.11769	0.602623	-1.65941	0.705421	0.892972	-1.11986	0.000521694	0.199409	-5.01482
cg14951292	HMOX2;HMOX2;HMOX2;NMRAL1	0.0257129	0.0640332	2.26719	2.26719	0.00354859	4.73071	4.73071	0.569311	1.25381	1.25381	0.19524	1.71389	1.71389	0.0116791	3.4532	3.4532
cg08873616	HMOX2;HMOX2;HMOX2;NMRAL1	0.0313096	0.0183826	0.664745	-1.50434	0.43825	0.893274	-1.11948	0.697127	1.05742	1.05742	0.0528604	0.730438	-1.36904	0.0540855	0.731923	-1.36626
cg06139259	HMOX2;HMOX2;HMOX2;NMRAL1	0.0465215	0.00628252	0.219866	-4.54822	0.692237	1.18445	1.18445	0.515783	1.32362	1.32362	0.0871088	0.447614	-2.23407	0.705903	0.85103	-1.17505
cg18102575	HMP19	0.00486081	0.00109091	4.3424	4.3424	?	?	?	?	?	?	?	?	?	0.16941	0.746703	-1.33922
cg16258076	HMSD	3.92E-06	9.96E-05	0.398828	-2.50735	0.000164053	0.425015	-2.35286	0.000481173	0.482327	-2.07328	2.64E-05	0.330655	-3.0243	1.12E-07	0.103433	-9.66812
cg03987884	HMSD	0.000951003	0.0252943	2.27739	2.27739	0.0621007	1.91554	1.91554	0.000684677	4.97849	4.97849	0.00522676	3.12735	3.12735	0.052373	0.50522	-1.97934
cg14613540	HMSD	0.00263612	0.00889782	4.92049	4.92049	0.00593441	5.5985	5.5985	0.0144173	4.23562	4.23562	0.362244	1.56562	1.56562	0.0236752	0.274454	-3.6436
cg14575053	HMSD	0.00538448	0.0704318	2.68077	2.68077	0.0201056	3.92539	3.92539	0.00731242	5.40121	5.40121	0.3419	1.61216	1.61216	0.274034	0.574028	-1.74207
cg26385283	HMSD	0.00761036	0.138183	1.77155	1.77155	0.0317743	2.4637	2.4637	0.00648541	3.5526	3.5526	0.0297453	2.50032	2.50032	0.583758	0.82019	-1.21923
cg25794823	HMSD	0.015674	0.0302316	9.15157	9.15157	0.0397558	7.89119	7.89119	0.023417	10.5162	10.5162	0.0267599	9.77848	9.77848	0.292621	0.387257	-2.58226
cg15306209	HMSD	0.0417259	0.365828	1.45944	1.45944	0.0676244	2.30037	2.30037	0.0460179	2.53553	2.53553	0.581368	1.25433	1.25433	0.584064	0.798552	-1.25227
cg27137983	HMX2	5.51E-07	0.607595	1.06698	1.06698	0.859508	1.02242	1.02242	4.34E-05	2.642	2.642	0.473138	0.912717	-1.09563	0.857258	0.977716	-1.02279
cg24448969	HMX2	3.50E-06	0.000139424	0.529412	-1.88889	1.46E-05	0.418588	-2.38899	0.729452	1.03413	1.03413	3.56E-05	0.462569	-2.16184	2.56E-05	0.44634	-2.24045
cg14640621	HMX2	1.38E-05	0.00881502	0.596145	-1.67744	0.000320325	2.4678	2.4678	0.00418415	1.81333	1.81333	0.701854	0.942082	-1.06148	0.010809	0.608605	-1.6431
cg04820634	HMX2	9.69E-05	0.818887	0.963628	-1.03774	0.179814	1.25876	1.25876	0.437722	1.13641	1.13641	0.973732	1.00533	1.00533	0.845227	1.03208	1.03208
cg02430935	HMX2	0.000238368	0.651535	1.10534	1.10534	0.358931	0.812361	-1.23098	0.0162945	1.90999	1.90999	0.320822	1.25354	1.25354	0.907353	0.974679	-1.02598
cg04594452	HMX2	0.000304524	0.000789644	0.36039	-2.77478	2.56E-05	0.186463	-5.36299	0.0711695	0.666623	-1.5001	0.367771	0.830155	-1.20459	0.012933	0.537523	-1.86039
cg10059942	HMX2	0.000429871	0.0195141	1.24776	1.24776	0.47294	0.944367	-1.05891	0.129983	0.87963	-1.13684	0.00329597	1.36879	1.36879	0.0467676	1.19544	1.19544
cg05189242	HMX2	0.000815955	0.317687	0.908698	-1.10048	0.580583	1.05309	1.05309	0.00126647	1.54658	1.54658	0.216258	1.1282	1.1282	0.0664769	0.82632	-1.21018
cg22746458	HMX2	0.00109882	0.0127665	0.46153	-2.16671	0.0077277	0.4252	-2.35184	0.010465	0.446911	-2.23758	0.503113	0.843803	-1.18511	0.0125724	0.460393	-2.17206
cg03716936	HMX2	0.00639583	0.712243	1.06374	1.06374	0.008291	0.56952	-1.75586	0.496408	0.891203	-1.12208	0.711961	1.06381	1.06381	0.0172961	0.61656	-1.6219
cg05759150	HMX2	0.0165309	0.00680234	0.385961	-2.59094	0.0385928	0.521808	-1.91641	0.491744	0.827305	-1.20874	0.0684156	0.574722	-1.73997	0.0151783	0.444969	-2.24735
cg00006081	HMX2	0.0201163	0.271091	1.62527	1.62527	0.0246842	3.1075	3.1075	0.934706	1.03534	1.03534	0.00335224	5.43005	5.43005	0.181174	0.547856	-1.8253
cg23437459	HMX2	0.0287806	0.19271	0.749168	-1.33481	0.868856	1.03522	1.03522	0.0113107	1.94345	1.94345	0.662796	1.09627	1.09627	0.509493	0.869213	-1.15047
cg09614300	HMX3	1.03E-06	0.0269762	0.604074	-1.65543	4.08E-07	16.0759	16.0759	3.93E-05	4.54624	4.54624	0.829746	0.959406	-1.04231	3.46E-06	0.122274	-8.17837
cg03284310	HMX3	1.50E-05	0.851595	0.993089	-1.00696	0.00408548	1.15337	1.15337	0.6394	1.01763	1.01763	0.0380166	1.09315	1.09315	0.0040984	0.867092	-1.15328
cg18402615	HMX3	0.000107902	0.763192	0.947465	-1.05545	0.00145317	2.27387	2.27387	0.878837	1.02762	1.02762	0.545234	1.11554	1.11554	0.253964	0.808356	-1.23708
cg15396686	HMX3	0.000269238	0.942358	1.00742	1.00742	0.385624	1.09522	1.09522	0.00424838	1.4789	1.4789	0.504493	1.07172	1.07172	0.114772	1.19171	1.19171
cg04670666	HMX3	0.000282938	0.924251	1.00947	1.00947	0.54701	0.941385	-1.06226	0.2176	1.13718	1.13718	0.139768	0.854294	-1.17056	0.00442108	0.686246	-1.4572
cg01635405	HMX3	0.000477554	0.477947	0.845617	-1.18257	0.00179603	2.80762	2.80762	0.991846	0.997628	-1.00238	0.234574	1.33589	1.33589	0.845523	1.04638	1.04638
cg10491556	HMX3	0.000678516	0.190692	0.7994	-1.25094	0.369578	0.861661	-1.16055	0.741985	1.05483	1.05483	0.778531	0.955465	-1.04661	0.385875	1.15446	1.15446
cg11628754	HMX3	0.00175537	0.325065	1.6094	1.6094	0.384582	0.658719	-1.5181	0.936921	1.03776	1.03776	0.915045	1.05124	1.05124	?	?	?
cg26956444	HMX3	0.00177187	0.00765334	0.650878	-1.53639	0.595394	0.935067	-1.06944	0.633366	0.94158	-1.06204	0.0395157	1.34754	1.34754	0.0798755	1.27564	1.27564
cg26735846	HMX3	0.00408458	0.44647	0.809506	-1.23532	0.985031	1.00512	1.00512	0.509845	1.1997	1.1997	0.995762	0.998555	-1.00145	0.604671	1.15284	1.15284
cg06897927	HMX3	0.0068614	0.232989	1.324	1.324	0.926824	0.979596	-1.02083	0.223605	1.33235	1.33235	0.0333042	0.572203	-1.74763	0.0516567	0.608329	-1.64385
cg18030834	HMX3	0.00975058	0.186623	0.879042	-1.1376	0.0061194	0.719309	-1.39022	0.0623481	1.21312	1.21312	0.0587369	0.821508	-1.21727	0.549215	1.0574	1.0574
cg07819944	HMX3	0.0185256	0.49409	1.14014	1.14014	0.31849	0.823061	-1.21498	0.279095	0.808533	-1.23681	0.224795	1.27227	1.27227	0.182641	0.765593	-1.30618
cg11732306	HN1;HN1;HN1	2.04E-05	0.00662669	1.82542	1.82542	0.00305034	0.500077	-1.99969	1.34E-05	4.74153	4.74153	0.3498	0.848445	-1.17863	9.16E-06	0.194308	-5.14647
cg13275679	HN1;HN1;HN1	0.00200006	0.189806	1.24919	1.24919	0.0141139	0.615502	-1.62469	0.0101123	1.68181	1.68181	0.291592	1.19163	1.19163	0.256014	0.82699	-1.2092
cg14894384	HN1;HN1;HN1	0.0204732	0.00422718	0.510567	-1.95861	0.0276551	0.633183	-1.57932	0.171735	1.29093	1.29093	0.0330007	0.645563	-1.54904	0.64404	0.921578	-1.0851
cg08204369	HN1;HN1;HN1;HN1;HN1;HN1	0.00139659	0.00547153	0.821679	-1.21702	0.000527228	0.748009	-1.33688	0.279567	0.941355	-1.0623	0.317782	0.945997	-1.05709	0.691479	1.02168	1.02168
cg09916155	HN1L	0.000186686	0.011223	0.682396	-1.46543	0.00313356	1.62554	1.62554	0.0396118	1.33141	1.33141	0.000802523	0.544129	-1.8378	0.0050548	0.640241	-1.56191
cg00566713	HN1L	0.0107326	0.978018	0.986956	-1.01322	0.000403414	0.0685143	-14.5955	0.525815	0.73613	-1.35846	0.745352	1.16801	1.16801	0.0173309	0.251301	-3.97929
cg08708323	HN1L	0.0139452	0.632571	1.0917	1.0917	0.000453117	2.73656	2.73656	0.117784	1.36259	1.36259	0.542095	1.11897	1.11897	0.92718	1.01679	1.01679
cg10008725	HN1L	0.0143691	0.897012	0.983144	-1.01714	0.00265155	1.72603	1.72603	0.699965	1.05215	1.05215	0.969931	1.00496	1.00496	0.283245	0.863851	-1.15761
cg27039467	HN1L	0.0147174	0.294072	1.57749	1.57749	0.0348269	2.80187	2.80187	0.0107615	3.82725	3.82725	0.0119571	3.71928	3.71928	0.508082	0.754856	-1.32476
cg16587006	HN1L;CRAMP1L	0.0193419	0.350662	1.35882	1.35882	0.0266214	2.31328	2.31328	0.0746786	1.88467	1.88467	0.262579	1.45185	1.45185	0.156229	1.62278	1.62278
cg06444781	HNF1A	0.00108788	0.222361	1.18822	1.18822	0.00266673	0.57201	-1.74822	0.000104608	0.397694	-2.51449	0.498682	1.09676	1.09676	0.000804272	0.506543	-1.97417
cg07065256	HNF1A	0.00121116	0.000155641	0.167883	-5.95653	0.00753131	0.387674	-2.57949	0.61262	1.15108	1.15108	0.895715	0.964509	-1.0368	0.000716325	0.241906	-4.13383
cg10573521	HNF1A	0.00256411	0.0394044	0.486717	-2.05458	0.778436	1.08897	1.08897	0.130425	0.610437	-1.63817	0.00348344	0.301796	-3.3135	0.000211923	0.154003	-6.49338
cg16175725	HNF1A	0.00270556	0.0150889	0.730575	-1.36879	0.16066	1.17061	1.17061	0.0176717	1.35438	1.35438	0.890092	0.985571	-1.01464	0.000115786	0.491462	-2.03475
cg01341572	HNF1A	0.00303566	0.69025	1.06028	1.06028	0.00343045	0.559425	-1.78755	0.00320479	0.555524	-1.8001	0.651439	0.935711	-1.06871	0.000117012	0.373096	-2.68028
cg03495030	HNF1A	0.00361523	0.920726	0.97636	-1.02421	0.000979011	0.3078	-3.24886	0.315646	0.779306	-1.28319	0.249248	1.33565	1.33565	0.00270593	0.369423	-2.70692
cg01942254	HNF1A	0.0111062	0.00165169	0.110635	-9.0387	0.139112	0.459242	-2.1775	0.0896618	0.40068	-2.49576	0.791432	0.878486	-1.13832	0.0762978	0.381365	-2.62216
cg14996810	HNF1A	0.0130411	0.0701533	0.614412	-1.62757	0.72229	1.08965	1.08965	0.0760845	0.621944	-1.60786	0.319843	0.780887	-1.28059	0.00038527	0.255928	-3.90734
cg01394199	HNF1A	0.0240248	0.0273402	0.282083	-3.54506	0.456663	1.44406	1.44406	0.0461602	0.330396	-3.02667	0.115355	0.43614	-2.29284	0.00210165	0.122825	-8.14164
cg03348978	HNF1B;HNF1B	7.58E-06	0.0193052	1.48288	1.48288	0.691125	0.945913	-1.05718	0.0199619	1.47852	1.47852	0.0335156	1.41313	1.41313	0.0179728	0.670123	-1.49226
cg03433642	HNF1B;HNF1B	2.22E-05	0.024065	1.66446	1.66446	0.115695	1.38235	1.38235	0.456292	1.15449	1.15449	0.227152	1.27135	1.27135	0.323071	1.2132	1.2132
cg16296469	HNF1B;HNF1B	0.000245422	0.144934	0.717697	-1.39335	0.00152199	0.380126	-2.63071	0.00435514	0.446128	-2.24151	0.771489	1.06365	1.06365	0.0169652	0.539589	-1.85326
cg04917276	HNF1B;HNF1B	0.000305543	0.000139384	6.90425	6.90425	0.156175	0.640538	-1.56119	0.00788663	2.72041	2.72041	?	?	?	0.227811	0.689545	-1.45023
cg05110178	HNF1B;HNF1B	0.000401172	0.267343	1.26777	1.26777	0.150268	1.37249	1.37249	0.000150985	3.80206	3.80206	0.0642387	1.53256	1.53256	0.229441	0.771876	-1.29555
cg24712484	HNF1B;HNF1B	0.000732705	0.401098	0.642444	-1.55656	0.200419	2.0063	2.0063	0.996268	0.997595	-1.00241	0.978802	1.01377	1.01377	0.156951	0.4587	-2.18007
cg04136369	HNF1B;HNF1B	0.00116417	0.00788244	0.405097	-2.46855	0.000700727	0.254091	-3.9356	0.00626175	0.388936	-2.57111	0.236912	0.719999	-1.38889	0.00107059	0.277681	-3.60126
cg04198914	HNF1B;HNF1B	0.00215665	0.00370748	0.246376	-4.05884	0.000790615	0.163344	-6.12207	0.00199299	0.210243	-4.7564	0.0579559	0.464973	-2.15066	0.00345595	0.242087	-4.13075
cg09463047	HNF1B;HNF1B	0.00238043	0.774097	0.856355	-1.16774	0.905356	1.06619	1.06619	0.555337	1.37913	1.37913	0.0759243	2.89891	2.89891	0.656864	0.785898	-1.27243
cg13230606	HNF1B;HNF1B	0.00360748	0.000179354	7.11607	7.11607	0.0141645	0.392073	-2.55054	0.374327	1.32587	1.32587	0.957598	0.983688	-1.01658	0.106199	0.579405	-1.72591
cg15246719	HNF1B;HNF1B	0.00757152	0.00414738	2.02155	2.02155	0.962778	0.991489	-1.00858	0.0666222	1.45744	1.45744	0.48178	0.877261	-1.13991	0.730771	1.06531	1.06531
cg02335804	HNF1B;HNF1B	0.00808069	0.6749	0.869002	-1.15075	0.047565	0.470358	-2.12604	0.00158206	0.220956	-4.52579	0.352489	1.37501	1.37501	0.00389124	3.64698	3.64698
cg16672659	HNF1B;HNF1B	0.0100741	0.158721	0.372044	-2.68786	0.0064666	0.0979024	-10.2143	0.0142016	0.137305	-7.28304	0.0493603	0.229425	-4.35873	0.0716254	0.267072	-3.74431
cg11862993	HNF1B;HNF1B	0.0106613	0.0678156	2.20212	2.20212	0.211526	1.66186	1.66186	0.0892812	2.06077	2.06077	0.000928522	6.73973	6.73973	0.923911	0.963806	-1.03755
cg12788467	HNF1B;HNF1B	0.011065	0.00834585	3.77579	3.77579	0.00831287	0.264573	-3.77968	0.748796	0.881057	-1.135	0.677459	0.84801	-1.17923	0.104102	0.4964	-2.0145
cg14694075	HNF1B;HNF1B	0.0116177	0.0151276	0.425592	-2.34967	0.106692	0.604034	-1.65554	0.0078247	0.376449	-2.65641	0.0110186	0.401432	-2.49108	0.00201864	0.287484	-3.47846
cg09679923	HNF1B;HNF1B	0.0144554	0.547912	1.17122	1.17122	0.961347	1.01268	1.01268	0.294157	1.32685	1.32685	0.380386	1.26348	1.26348	0.736293	0.915897	-1.09183
cg12134754	HNF1B;HNF1B	0.0191294	0.22093	1.23465	1.23465	0.200284	1.24809	1.24809	0.0301157	1.51857	1.51857	0.793004	1.04402	1.04402	0.809008	0.96111	-1.04046
cg02435495	HNF1B;HNF1B	0.0462567	0.830405	0.725308	-1.37872	0.0954048	16.1666	16.1666	0.0128813	119.852	119.852	0.829882	1.38012	1.38012	0.660999	1.93718	1.93718
cg11453079	HNF4A;HNF4A	0.0022789	0.315732	1.38076	1.38076	0.000808016	0.207645	-4.81591	0.00495273	0.314319	-3.18148	0.922175	1.03086	1.03086	0.000599166	0.192638	-5.19109
cg18155883	HNF4A;HNF4A;HNF4A	2.43E-05	9.40E-06	0.194964	-5.12914	0.310948	0.835869	-1.19636	1.46E-05	0.214231	-4.66786	0.0938411	0.729729	-1.37037	0.0475971	0.678776	-1.47324
cg08314996	HNF4A;HNF4A;HNF4A	0.000214634	0.00465526	0.712218	-1.40406	0.00778904	0.734855	-1.36081	0.0113688	0.751463	-1.33074	0.977262	1.00257	1.00257	0.0161202	1.30407	1.30407
cg08407434	HNF4A;HNF4A;HNF4A	0.000687799	0.000387036	0.2353	-4.2499	0.00332966	0.360056	-2.77734	0.170167	0.688375	-1.4527	0.00270492	0.346743	-2.88398	0.000204002	0.20365	-4.91039
cg12363404	HNF4A;HNF4A;HNF4A	0.0040073	0.169718	0.639232	-1.56438	0.263824	0.700221	-1.42812	0.510955	0.81547	-1.22629	0.133002	0.609024	-1.64197	0.00103377	0.226048	-4.42383
cg21081369	HNF4A;HNF4A;HNF4A	0.00723292	0.0320661	1.42345	1.42345	0.621902	1.07239	1.07239	0.0300309	0.698487	-1.43167	0.00557997	0.59942	-1.66828	0.690884	0.945351	-1.05781
cg23834593	HNF4A;HNF4A;HNF4A	0.0100052	0.597602	0.896662	-1.11525	0.00067533	2.89898	2.89898	0.878386	0.969132	-1.03185	0.545683	0.882303	-1.1334	0.636132	0.907022	-1.10251
cg24084358	HNF4A;HNF4A;HNF4A	0.0115571	0.538429	1.17103	1.17103	0.00234025	2.93511	2.93511	0.919476	0.974694	-1.02596	0.786203	0.933405	-1.07135	0.0159618	0.473364	-2.11254
cg20848979	HNF4A;HNF4A;HNF4A	0.0292303	0.456987	1.11603	1.11603	0.117796	0.7818	-1.2791	0.837569	0.970689	-1.0302	0.66364	1.06547	1.06547	0.00161915	0.519517	-1.92486
cg03933490	HNF4A;HNF4A;HNF4A;HNF4A;HNF4A	0.0308642	0.799469	1.08133	1.08133	0.725923	1.11417	1.11417	0.571675	1.19193	1.19193	0.0269892	0.447318	-2.23554	0.0354912	0.471426	-2.12122
cg20265805	HNF4A;HNF4A;HNF4A;HNF4A;HNF4A;HNF4A	0.000456126	0.396266	1.14078	1.14078	0.0419395	1.42678	1.42678	4.35E-05	0.308405	-3.24249	0.704803	0.943927	-1.0594	0.0011573	0.484969	-2.06199
cg26232417	HNF4A;HNF4A;HNF4A;HNF4A;HNF4A;HNF4A	0.0108697	0.130837	0.698615	-1.4314	0.124742	0.693939	-1.44105	0.000160877	0.242465	-4.1243	0.677852	0.912255	-1.09619	0.233016	0.759632	-1.31643
cg27420224	HNF4A;HNF4A;HNF4A;HNF4A;HNF4A;HNF4A	0.0223711	0.0585766	2.50963	2.50963	0.0497375	2.62187	2.62187	0.00703645	0.223052	-4.48326	0.409216	1.43831	1.43831	0.51857	1.32555	1.32555
cg21559386	HNF4A;HNF4A;HNF4A;HNF4A;HNF4A;HNF4A	0.0489739	0.833513	1.06148	1.06148	0.414607	0.789482	-1.26665	0.0020429	0.291681	-3.4284	0.585321	1.16903	1.16903	0.275497	0.725016	-1.37928
cg07006673	HNF4A;HNF4A;HNF4A;HNF4A;HNF4A;HNF4A	0.0491065	0.0538092	0.395483	-2.52855	0.625598	0.811929	-1.23164	0.0176457	0.294331	-3.39753	0.966802	1.01779	1.01779	0.0328178	0.3472	-2.88019
cg07064544	HNF4A;HNF4A;HNF4A;HNF4A	0.0270301	0.0226737	1.63094	1.63094	0.0223911	1.63325	1.63325	0.0809587	1.41474	1.41474	0.495838	0.883392	-1.132	0.525613	0.891084	-1.12223
cg24512303	HNF4G	0.002805	0.012227	0.654824	-1.52713	0.0006399	0.491186	-2.03589	0.000619147	0.489401	-2.04331	0.306374	0.866205	-1.15446	0.189149	1.20764	1.20764

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04587220	0.465723	0.913912	-1.0942	0.324434	1.13134	1.13134	0.551124	1.07587	1.07587	5.60E-05	2.4798	2.4798	18.0196	4.19674	0.207021	1
cg11629220	0.131245	0.444214	-2.25117	5.01E-06	0.00563331	-177.515	0.00527436	0.160132	-6.24487	0.431595	0.670499	-1.49143	17.228	67.669	3.49143	1
cg11714200	0.00107089	0.162694	-6.14652	8.58E-05	0.0706449	-14.1553	0.000244006	0.102449	-9.76097	0.0160909	0.330661	-3.02424	15.5975	34.8733	1.9874	1
cg00311654	0.0525656	0.706343	-1.41574	0.0471652	0.698883	-1.43086	0.000202131	2.67344	2.67344	0.183551	1.24928	1.24928	13.8345	5.45171	0.350282	1
cg17924072	0.112858	0.488819	-2.04575	0.000174912	0.0713047	-14.0243	0.0158189	0.293431	-3.40795	0.089827	0.460456	-2.17176	12.3157	33.5528	2.42168	1
cg16609181	0.00284889	0.133904	-7.46802	0.000108773	0.0354943	-28.1735	0.310068	0.597942	-1.6724	0.445517	0.683346	-1.46339	10.3684	39.3623	3.37457	1
cg27100370	0.917434	1.03835	1.03835	0.715151	0.875455	-1.14226	0.00991932	3.26133	3.26133	0.0259497	2.60995	2.60995	8.59835	17.9343	1.85403	1
cg13675871	0.195109	0.645544	-1.54908	0.246085	0.678809	-1.47317	0.761122	1.10228	1.10228	0.139117	0.601444	-1.66267	8.09939	13.0839	1.43593	1
cg19548313	0.0443374	0.515627	-1.93939	0.00115748	0.254415	-3.93059	0.00303935	0.312069	-3.20442	0.063016	0.548952	-1.82165	7.87526	10.2578	1.15781	1
cg14478768	0.0399435	0.470981	-2.12323	0.000242738	0.145978	-6.85034	0.0399371	0.470966	-2.1233	0.0892369	0.551986	-1.81164	7.81274	12.4412	1.41549	1
cg10714639	0.121555	0.388761	-2.57227	0.000806749	0.0581039	-17.2106	0.0274572	0.23037	-4.34085	0.0974318	0.35925	-2.78358	7.63848	38.3293	4.46038	1
cg02753354	0.414173	0.717713	-1.39331	0.00162808	0.16632	-6.01249	0.0155647	0.307655	-3.25039	0.176309	0.564836	-1.77042	7.49969	18.7535	2.22272	1
cg07690733	?	?	?	0.000197357	0.0567303	-17.6273	0.0570869	2.5145	2.5145	0.715288	1.16649	1.16649	8.91957	18.9823	2.12817	1
cg18073514	0.0831644	0.445067	-2.24685	0.000933739	0.124342	-8.04233	0.00644933	0.224257	-4.45917	0.0879747	0.451738	-2.21367	6.81673	19.2283	2.50733	1
cg19008720	0.352757	0.639235	-1.56437	0.673894	0.820314	-1.21904	0.0261143	0.290762	-3.43924	0.102594	0.433488	-2.30687	6.59774	22.8846	3.08315	1
cg02308560	0.713193	1.10643	1.10643	0.836242	1.05834	1.05834	0.101931	1.63308	1.63308	0.00229818	3.21351	3.21351	6.2372	7.41424	1.05663	1
cg24852713	0.0293893	0.466027	-2.1458	0.000541198	0.20175	-4.95662	0.0252794	0.453134	-2.20685	0.0457501	0.505832	-1.97694	6.199	8.69478	1.24676	1
cg10655396	0.174368	0.540942	-1.84863	0.00301808	0.177466	-5.63489	0.017077	0.290415	-3.44335	0.0922612	0.454736	-2.19908	5.36716	15.3725	2.54594	1
cg00450695	0.306265	0.739999	-1.35135	0.862393	1.05055	1.05055	0.0130901	0.416924	-2.39852	0.42146	0.791803	-1.26294	5.12609	6.56032	1.13759	1
cg03751944	0.0171775	0.469736	-2.12885	0.0217617	0.488394	-2.04753	0.148542	0.668172	-1.49662	0.939774	0.98053	-1.01986	4.95263	5.3109	0.95319	1
cg24024661	0.0788038	0.164773	-6.06897	0.00584424	0.0356602	-28.0425	0.0159546	0.065483	-15.2711	0.118043	0.208489	-4.79642	4.55347	61.5453	12.0143	1
cg12817436	0.108537	0.433278	-2.30799	0.00481422	0.167436	-5.97241	0.0067645	0.186892	-5.35068	0.0865726	0.404758	-2.47061	4.15785	15.0323	3.21369	1
cg13347784	0.00279418	0.560678	-1.78355	0.0601567	0.74251	-1.34678	0.098157	0.775122	-1.29012	0.763027	1.04338	1.04338	3.75627	1.17305	0.277591	1
cg15823954	0.813284	1.02693	1.02693	0.126389	0.830531	-1.20405	0.0710512	1.25415	1.25415	0.682445	1.04728	1.04728	13.9059	2.77732	0.177531	1
cg10678215	0.130872	0.778673	-1.28424	0.000156682	0.370764	-2.69714	0.0452045	0.703022	-1.42243	0.00105036	0.475456	-2.10325	10.3344	3.84941	0.331098	1
cg26919780	0.0197133	0.261868	-3.81872	0.0010785	0.100596	-9.94076	0.26848	0.57792	-1.73034	0.00504455	0.171304	-5.83757	7.33396	26.2889	3.18627	1
cg06471487	0.485077	0.810044	-1.2345	0.00106565	0.237814	-4.20496	0.660891	0.877144	-1.14006	0.00908874	0.373703	-2.67592	6.56245	9.16458	1.24135	1
cg02228160	0.0457813	0.344583	-2.90206	0.0100683	0.220659	-4.53188	0.0459737	0.345	-2.89855	0.00875002	0.211415	-4.73004	4.8008	16.4611	3.04784	1
cg09560590	0.255513	0.677556	-1.47589	0.0777872	0.525849	-1.90169	0.319442	0.713629	-1.40129	0.0045353	0.289378	-3.45569	3.68775	6.28059	1.51386	1
cg15122828	0.00507514	0.566456	-1.76536	0.300753	1.17882	1.17882	0.670487	0.936444	-1.06787	0.011829	0.617415	-1.61966	4.9827	1.85761	0.331389	1
cg09847085	0.258532	0.836022	-1.19614	0.000686319	0.454892	-2.19832	0.0527022	0.715631	-1.39737	0.405555	1.13801	1.13801	4.15286	1.51804	0.324924	1
cg18660976	0.0636764	0.835329	-1.19713	0.0163166	1.28844	1.28844	0.00280399	1.42676	1.42676	0.00420399	1.39218	1.39218	12.5719	1.48308	0.10486	1
cg22001924	0.363786	1.57883	1.57883	0.112482	2.32912	2.32912	0.0782171	2.60492	2.60492	0.517955	1.37812	1.37812	4.18961	15.8875	3.37078	1
cg11458974	0.278033	1.45001	1.45001	0.00504303	3.39286	3.39286	0.357502	0.732196	-1.36575	0.347943	1.37482	1.37482	4.27387	7.34454	1.52753	1
cg05718255	0.144184	0.55176	-1.81238	0.00708426	0.267438	-3.73918	0.835338	0.92414	-1.08209	0.164527	0.570008	-1.75436	4.14381	9.42847	2.0225	1
ch.22.533187F	0.154812	0.529426	-1.88884	0.0262669	0.33258	-3.0068	0.300635	0.638939	-1.56509	0.45001	0.725075	-1.37917	4.13763	11.4305	2.45563	1
cg01673284	0.455579	0.807771	-1.23797	0.0237953	0.468673	-2.13368	0.0240441	0.469534	-2.12977	0.498187	0.824348	-1.21308	7.107	8.88177	1.11086	1
cg21798873	0.00264087	0.508255	-1.96752	0.0349417	1.49146	1.49146	0.276842	1.20197	1.20197	0.035874	1.48749	1.48749	6.82867	2.8612	0.372442	1
cg16778289	?	?	?	0.0104826	1.74816	1.74816	0.063533	1.32323	1.32323	?	?	?	27.2316	2.14424	0.0472445	1
cg05772946	0.108148	0.593051	-1.6862	0.0716091	0.549007	-1.82147	0.970904	1.01093	1.01093	0.155987	0.636084	-1.57212	4.4594	6.27526	1.25084	1
cg14951292	0.0343526	2.63987	2.63987	0.0204914	2.99826	2.99826	0.0150497	3.23861	3.23861	0.223279	1.65407	1.65407	4.31476	10.5692	2.17738	1
cg08873616	0.832867	0.970286	-1.03062	0.045366	0.720607	-1.38772	0.0115695	0.637188	-1.5694	0.0759321	1.32569	1.32569	4.02513	1.29894	0.28685	1
cg06139259	0.277576	1.6168	1.6168	0.00870162	0.241095	-4.14774	0.543961	0.770018	-1.29867	0.465321	0.728944	-1.37185	3.4818	9.98339	2.54871	1
cg18102575	0.52124	0.88469	-1.13034	0.011149	0.459162	-2.17788	0.765432	1.0573	1.0573	0.0134035	0.478332	-2.0906	22.303	7.06494	0.211181	1
cg16258076	1.24E-05	0.293554	-3.40653	0.00124394	0.533605	-1.87404	0.000153528	0.421517	-2.37238	7.42E-05	0.383501	-2.60756	51.6775	14.5072	0.249534	1
cg03987884	0.00277609	3.58439	3.58439	0.291677	1.40297	1.40297	0.000228016	6.65532	6.65532	0.00194111	3.88364	3.88364	11.9352	18.1027	1.34822	1
cg14613540	0.0236516	3.64469	3.64469	0.432062	0.681249	-1.46789	0.00118463	9.74008	9.74008	0.00372677	6.52225	6.52225	8.89202	32.2704	3.2259	1
cg14575053	0.334275	1.62522	1.62522	0.140149	0.461148	-2.1685	0.00188968	8.56562	8.56562	0.0015762	9.14711	9.14711	7.17413	27.0229	3.34819	1
cg26385283	0.0235225	2.63553	2.63553	0.10082	1.90375	1.90375	0.000968517	5.80885	5.80885	0.00360193	4.1037	4.1037	6.44444	13.0986	1.80671	1
cg25794823	0.293238	2.57891	2.57891	0.813508	0.814376	-1.22793	0.00247176	38.7316	38.7316	0.0157795	13.0665	13.0665	5.10579	61.0504	10.6285	1
cg15306209	0.856262	1.07657	1.07657	0.976536	0.988104	-1.01204	0.00250064	5.52334	5.52334	0.0222792	3.04836	3.04836	3.62611	9.50827	2.33081	1
cg27137983	0.0606685	0.767417	-1.30307	0.160102	1.20666	1.20666	5.07E-09	23.5617	23.5617	0.618438	0.939084	-1.06487	85.3615	21.1815	0.220568	1
cg24448969	0.000221958	0.551916	-1.81187	7.88E-07	0.277752	-3.60033	0.00103974	1.59897	1.59897	0.00839355	1.38466	1.38466	53.1902	7.87035	0.131525	1
cg14640621	0.194495	0.808246	-1.23725	3.72E-05	0.292354	-3.42051	1.63E-06	6.49266	6.49266	0.022289	1.52936	1.52936	37.3332	14.2258	0.338712	1
cg04820634	0.258511	0.826589	-1.20979	0.0426757	1.45782	1.45782	7.94E-07	8.48928	8.48928	0.059723	1.40948	1.40948	22.3277	9.2278	0.367368	1
cg02430935	4.85E-05	5.38378	5.38378	0.0131113	0.507753	-1.96946	2.60E-05	6.26195	6.26195	0.983275	1.00463	1.00463	17.5158	13.4631	0.683225	1
cg04594452	0.0112275	0.527726	-1.89492	6.13E-05	0.225846	-4.4278	0.731177	1.07185	1.07185	0.0128146	0.536882	-1.86261	16.3829	10.5039	0.56991	1
cg10059942	0.000319627	0.633304	-1.57902	0.00013763	0.59636	-1.67684	0.184668	1.11664	1.11664	0.17583	1.11948	1.11948	14.9011	1.45107	0.0865606	1
cg05189242	0.153168	0.867799	-1.15234	0.0023246	0.674209	-1.48322	0.000112862	1.87524	1.87524	0.900461	0.988468	-1.01167	12.4626	1.69602	0.120968	1
cg22746458	0.794596	0.936872	-1.06738	0.000266549	0.224054	-4.46322	0.00203768	2.96492	2.96492	0.0123979	0.459356	-2.17696	11.4558	11.333	0.879366	1
cg03716936	0.194484	0.795386	-1.25725	0.00183163	0.477878	-2.09258	0.020885	1.58992	1.58992	0.054179	1.43976	1.43976	6.80338	2.99758	0.391647	1
cg05759150	0.666166	0.888843	-1.12506	0.0118314	0.426032	-2.34724	0.234264	1.40285	1.40285	0.102591	1.62405	1.62405	5.01616	5.85546	1.03762	1
cg00006081	0.99873	1.00067	1.00067	0.16498	0.533735	-1.87359	0.00913812	4.06959	4.06959	0.352943	1.49953	1.49953	4.6953	13.3612	2.52946	1
cg23437459	0.206733	1.32174	1.32174	0.306807	0.801218	-1.2481	0.00280791	2.36889	2.36889	0.153563	1.37724	1.37724	4.14735	2.88228	0.617751	1
cg09614300	0.173464	0.756752	-1.32144	0.00119565	0.401018	-2.49365	1.72E-06	10.0216	10.0216	0.556329	0.891804	-1.12132	72.8427	42.727	0.521391	1
cg03284310	0.00351569	0.863669	-1.15785	2.13E-06	0.649833	-1.53886	3.69E-05	1.34166	1.34166	0.000605446	1.21624	1.21624	36.5133	0.792916	0.019303	1
cg18402615	0.782078	1.05077	1.05077	0.000147708	0.311811	-3.20707	6.48E-06	6.01606	6.01606	0.353923	0.843383	-1.1857	21.6944	10.959	0.449024	1
cg15396686	0.280788	1.12147	1.12147	0.00291509	1.51936	1.51936	2.92E-06	3.13257	3.13257	0.284761	1.12033	1.12033	16.9439	2.80629	0.14722	1
cg04670666	0.182952	1.15034	1.15034	0.00566971	0.697893	-1.43289	1.17E-05	2.50984	2.50984	0.0173429	1.33268	1.33268	16.7157	2.6005	0.138286	1
cg01635405	0.569253	0.874854	-1.14305	0.126422	0.68093	-1.46858	8.89E-06	9.38245	9.38245	0.0633926	1.62452	1.62452	14.4737	12.3835	0.760526	1
cg10491556	0.4546	0.8842	-1.13097	0.00871981	0.582748	-1.71601	1.45E-05	4.29675	4.29675	0.0536547	1.42485	1.42485	13.125	5.42721	0.367556	1
cg11628754	7.13E-05	0.033706	-29.6683	0.0159099	3.98533	3.98533	0.052987	2.80036	2.80036	0.24127	1.77609	1.77609	10.2452	31.627	3.08701	1
cg26956444	0.272337	1.15387	1.15387	7.09E-05	0.403507	-2.47827	0.411204	1.111	1.111	0.363009	1.12424	1.12424	9.98728	2.48201	0.220904	1
cg26735846	0.929888	0.976319	-1.02426	0.0091813	0.406201	-2.46184	9.71E-05	6.60157	6.60157	0.8219	1.06332	1.06332	7.80309	9.16576	1.04412	1
cg06897927	0.169692	1.38855	1.38855	0.00592575	0.445861	-2.24285	0.00185587	2.69479	2.69479	0.198431	1.35663	1.35663	6.65647	5.30936	0.709	1
cg18030834	0.690443	0.963807	-1.03755	0.0692199	0.829275	-1.20587	0.00315011	1.45008	1.45008	0.228612	0.890155	-1.1234	5.95852	0.800293	0.119387	1
cg07819944	0.268406	1.24323	1.24323	0.108725	0.718632	-1.39153	0.00689099	1.93606	1.93606	0.00384559	2.08699	2.08699	4.8281	2.72752	0.502156	1
cg11732306	0.240196	1.23367	1.23367	0.000187398	0.340815	-2.93414	0.618383	1.08954	1.08954	0.00309778	0.501011	-1.99597	33.7176	15.5721	0.410524	1
cg13275679	0.0341843	1.48579	1.48579	0.741986	0.948446	-1.05436	0.000835559	2.23772	2.23772	0.00210883	0.500229	-1.99908	9.64182	3.91963	0.361355	1
cg14894384	0.283612	0.8224	-1.21595	0.645702	1.08464	1.08464	0.0457673	1.49472	1.49472	0.470679	1.13747	1.13747	4.66729	2.27729	0.433711	1
cg08204369	0.638887	1.02574	1.02574	0.0460036	1.13082	1.13082	0.000240788	0.72134	-1.38631	0.129056	1.09218	1.09218	10.697	0.489657	0.040689	1
cg09916155	0.0123065	1.45495	1.45495	0.573541	1.0708	1.0708	0.000100317	2.29262	2.29262	0.00227281	1.67112	1.67112	18.7173	4.28889	0.20368	1
cg00566713	0.050405	0.345511	-2.89427	0.0165223	0.247687	-4.03735	0.695394	1.20626	1.20626	0.133029	0.46192	-2.16488	5.77811	20.7824	3.19711	1
cg08708323	0.56492	1.1118	1.1118	0.034584	0.638377	-1.56647	0.0706756	1.44471	1.44471	0.386589	1.17546	1.17546	5.30672	2.78834	0.467053	1
cg10008725	0.955903	0.992767	-1.00729	0.00408778	0.60302	-1.65832	0.598948	1.07215	1.07215	0.0301239	1.39762	1.39762	5.25469	1.4341	0.242594	1
cg27039467	0.12687	0.500782	-1.99688	0.0188879	0.303908	-3.29047	0.0979898	2.13888	2.13888	0.866109	0.93176	-1.07324	5.21336	14.4855	2.46982	1
cg16587006	0.186629	1.56338	1.56338	0.00200724	0.248686	-4.02114	0.236196	1.48616	1.48616	0.218422	1.51165	1.51165	4.75826	7.67784	1.43429	1
cg06444781	0.00447288	0.600618	-1.66495	0.392221	0.888808	-1.1251	0.0335369	0.716094	-1.39646	0.702038	0.949622	-1.05305	11.4884	3.29037	0.254585	1
cg07065256	0.58942	1.16199	1.16199	0.000880965	0.253143	-3.95033	0.0560631	0.550849	-1.81538	0.0447491	0.530008	-1.88676	11.1423	13.3993	1.06894	1
cg10573521	0.00361872	0.304238	-3.2869	0.00184857	0.262977	-3.80261	0.9417	0.978141	-1.02235	0.207277	0.669079	-1.49459	8.96494	12.9645	1.28545	1
cg16175725	0.552908	1.06514	1.06514	0.248113	1.13532	1.13532	0.233799	0.877034	-1.14021	0.891565	0.985765	-1.01444	8.82403	1.5442	0.155555	1
cg01341572	0.245276	0.8373	-1.19432	0.438223	0.890892	-1.12247	0.961333	1.00711	1.00711	0.0519281	0.723876	-1.38145	8.52817	2.88348	0.300544	1
cg03495030	0.0133285	0.478614	-2.08937	0.686924	1.10227	1.10227	0.00102488	0.310452	-3.22111	0.102359	0.650752	-1.53668	8.09488	7.40519	0.813154	1
cg01942254	0.725211	1.18828	1.18828	0.00278321	0.133248	-7.50482	0.492505	0.711253	-1.40597	0.00429013	0.154566	-6.46975	5.71479	21.6263	3.3638	1
cg14996810	0.386629	0.807736	-1.23803	0.0210241	0.512807	-1.95005	0.019782	0.508084	-1.96818	0.166314	0.7011	-1.42633	5.42455	4.97322	0.814932	1
cg01394199	0.0791854	0.388797	-2.57204	0.0228156	0.266983	-3.74555	0.0506758	0.339809	-2.94283	0.137771	0.460838	-2.16996	4.41782	16.4403	3.30788	1
cg03348978	0.616269	0.932067	-1.07288	0.000441308	0.461799	-2.16544	1.21E-07	10.4692	10.4692	0.432811	1.1179	1.1179	43.5818	13.3805	0.272907	1
cg03433642	0.716089	0.933177	-1.07161	0.685056	1.08027	1.08027	1.51E-07	22.2865	22.2865	0.0181291	1.72176	1.72176	32.9711	18.7221	0.504742	1
cg16296469	0.0065903	0.473543	-2.11174	5.25E-06	0.111973	-8.93076	0.684046	1.09056	1.09056	0.0028438	0.418773	-2.38793	17.3772	12.3561	0.632046	1
cg04917276	0.688691	0.888471	-1.12553	0.0646144	0.543622	-1.83951	4.97E-05	9.35585	9.35585	0.571526	0.845446	-1.18281	16.7737	20.3601	1.21381	1
cg05110178	0.383399	0.832333	-1.20144	0.0383014	0.610849	-1.63707	2.56E-05	5.55067	5.55067	0.103203	1.44192	1.44192	15.1879	10.1409	0.593503	1
cg24712484	0.267645	0.551836	-1.81213	0.0170352	4.47141	4.47141	1.24E-05	114.826	114.826	0.0254158	3.92626	3.92626	12.8454	53.9243	3.73151	1
cg04136369	0.000509382	0.237102	-4.21759	0.000652326	0.250221	-3.99646	0.55307	0.852934	-1.17242	0.79309	1.07217	1.07217	11.2688	12.5427	0.989374	1
cg04198914	0.00837408	0.300128	-3.33191	0.00342592	0.241558	-4.1398	0.0016693	0.200631	-4.98426	0.0120518	0.326733	-3.0606	9.43202	19.0684	1.79704	1
cg09463047	0.665851	0.791266	-1.2638	0.496428	0.689283	-1.45078	2.60E-05	88.9274	88.9274	0.419889	1.55906	1.55906	9.16311	42.1386	4.08775	1
cg13230606	0.275162	1.42075	1.42075	0.0310228	0.456953	-2.18841	0.495608	0.807329	-1.23865	0.720947	1.11734	1.11734	8.1001	12.2749	1.34703	1
cg15246719	0.3436	0.836367	-1.19565	0.946876	0.98787	-1.01228	0.000345845	2.87037	2.87037	0.0912029	1.40596	1.40596	6.45478	3.42918	0.472233	1
cg02335804	0.245114	0.667193	-1.49882	0.0263811	0.416256	-2.40237	0.987214	0.99468	-1.00535	0.952988	0.980567	-1.01982	6.32414	11.0967	1.5597	1
cg16672659	0.025775	0.17591	-5.68472	0.000962576	0.0396959	-25.1915	0.0121605	0.128594	-7.77642	0.0193728	0.156333	-6.3966	5.89667	40.2292	6.06432	1
cg11862993	0.480216	0.7581	-1.31909	0.0438252	0.408969	-2.44517	0.0101897	3.49141	3.49141	0.665571	1.18272	1.18272	5.79051	13.6578	2.09657	1
cg12788467	0.052794	2.38126	2.38126	0.0107143	0.282494	-3.5399	0.160557	1.80545	1.80545	0.550804	0.788289	-1.26857	5.72164	14.0775	2.18702	1
cg14694075	0.0496049	0.526711	-1.89857	0.394938	0.779293	-1.28321	0.00451911	0.338584	-2.95348	0.223331	0.69337	-1.44223	5.63228	7.30706	1.1532	1
cg09679923	0.201605	1.41977	1.41977	0.471243	0.826557	-1.20984	0.00018314	5.17519	5.17519	0.397364	1.25263	1.25263	5.24433	5.61109	0.951052	1
cg12134754	?	?	?	0.186602	0.79506	-1.25777	0.000821335	2.28361	2.28361	0.281347	1.2013	1.2013	4.86345	1.83716	0.377749	1
cg02435495	0.607587	0.460055	-2.17365	?	?	?	0.00406816	427.362	427.362	0.268103	5.68406	5.68406	3.84671	118.802	27.0235	1
cg11453079	0.0144397	0.391565	-2.55386	0.155402	1.60453	1.60453	0.0377957	0.472736	-2.11534	0.0460969	0.491226	-2.03572	9.28103	14.2192	1.36184	1
cg18155883	0.000119522	0.316487	-3.15969	6.54E-05	0.285597	-3.50144	7.39E-06	0.184771	-5.4121	0.0222391	0.625841	-1.59785	32.2042	14.9172	0.411738	1
cg08314996	0.00200838	1.48156	1.48156	4.05E-05	2.02684	2.02684	0.0166524	1.30164	1.30164	0.0106079	1.33615	1.33615	18.0225	2.32098	0.114473	1
cg08407434	0.652822	1.12271	1.12271	0.000962401	0.284617	-3.51349	0.158015	0.679898	-1.47081	0.000815594	0.275281	-3.63266	13.0752	13.5299	0.9198	1
cg12363404	0.00450304	0.313983	-3.18488	0.00021786	0.151607	-6.59599	0.345775	0.742994	-1.34591	0.0354507	0.472755	-2.11526	7.84818	11.6346	1.31774	1
cg21081369	0.0552887	0.736772	-1.35727	0.00568058	1.66544	1.66544	0.0475685	1.37521	1.37521	0.551883	1.08831	1.08831	6.54787	2.05013	0.27831	1
cg23834593	0.29624	1.24829	1.24829	0.00476939	0.464292	-2.15382	0.171625	1.34716	1.34716	0.88828	1.0292	1.0292	5.90963	3.92441	0.590284	1
cg24084358	0.208983	1.39891	1.39891	0.00650708	0.408036	-2.45076	0.671231	1.1143	1.1143	0.260694	0.74278	-1.34629	5.64181	5.74106	0.904526	1
cg20848979	0.0741743	0.749492	-1.33424	0.60993	0.928144	-1.07742	0.119804	0.783022	-1.2771	0.0159706	0.652105	-1.53349	4.12467	1.37202	0.295678	1
cg03933490	0.0388983	0.479756	-2.08439	0.00472851	0.315751	-3.16705	0.025528	0.442553	-2.25962	0.597538	0.849029	-1.17782	4.04575	6.04631	1.32843	1
cg20265805	0.0174905	1.5504	1.5504	0.0126316	1.60014	1.60014	0.0794537	1.34334	1.34334	0.502517	1.10869	1.10869	14.6588	5.33671	0.32361	1
cg26232417	0.418622	0.833857	-1.19925	0.630768	0.899005	-1.11234	0.316127	0.796243	-1.2559	0.0166455	0.52583	-1.90176	5.75456	4.40488	0.680408	1
cg27420224	0.150255	1.94272	1.94272	0.0207158	3.318	3.318	0.150883	1.94045	1.94045	0.0451603	2.69043	2.69043	4.52786	13.2982	2.61063	1
cg21559386	0.155437	1.5386	1.5386	0.112621	0.612906	-1.63157	0.749162	1.09519	1.09519	0.454749	1.24088	1.24088	3.41491	4.34534	1.13108	1
cg07006673	0.0600579	0.407088	-2.45647	0.00836121	0.239866	-4.16899	0.0725924	0.427961	-2.33666	0.934172	0.965605	-1.03562	3.41141	9.69872	2.52713	1
cg07064544	0.194566	0.781894	-1.27895	0.00824625	1.83272	1.83272	0.0524263	1.48507	1.48507	0.161962	1.307	1.307	4.24001	2.15871	0.452558	1
cg24512303	0.0237155	0.69336	-1.44225	0.0618091	0.751803	-1.33014	0.572362	1.08045	1.08045	0.0108327	0.647893	-1.54346	8.73035	2.54362	0.258981	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg20406622	HNF4G	0.0110009	0.366778	0.781265	-1.27998	0.515074	0.818841	-1.19212	0.137231	0.65301	-1.53137	0.00085212	0.26334	-3.79737	0.734434	0.913338	-1.09489	0.007077196	0.258262	-3.87204	0.342666	0.77084	-1.29729	0.928459	0.976376	-1.0242	0.155864	0.667498	-1.49813	0.73237	6.43483	0.997816	1
cg24718779	HNMT;HNMT	0.00494757	0.282049	0.805091	-1.24421	0.275637	0.802564	-1.24601	0.0359112	0.622918	-1.60535	0.0300181	0.609568	-1.64051	0.000206398	0.299592	-3.33787	0.386345	0.841795	-1.18794	0.245497	1.26564	1.26564	0.03583I01	1.60578	1.60578	0.113864	0.733877	-1.36263	7.36224	4.38552	0.529491	1
cg02906939	HNMT;HNMT;HNMT	0.0130057	0.203427	0.849648	-1.17696	0.199534	0.848314	-1.17881	0.692279	1.04946	1.04946	0.7713O3	1.03601	1.03601	0.952369	1.00728	1.00728	0.296723	1.14032	1.14032	0.000702982	1.87186	1.87186	0.0124283	1.45876	1.45876	0.0484182	1.31481	1.31481	5.42937	1.26665	0.207375	1
cg18295536	HNRNPA0	0.000195845	0.0265709	0.567504	-1.7621	0.000481827	0.346497	-2.88602	0.40379	0.847582	-1.17983	0.107979	0.73214	-1.40422	0.00473642	0.483743	-2.06721	0.009538491	0.529673	-1.88796	6.90E-06	0.145299	-6.88234	0.000232297	0.909363	-3.26197	0.00199787	0.429747	-2.32695	18.476	10.964	0.527483	1
cg21934012	HNRNPA0	0.0045112	0.124218	2.15832	2.15832	0.197492	0.532811	-1.87684	0.915519	1.05026	1.05026	0.000459956	0.0781643	-12.7936	0.217375	0.548932	-1.82172	7	7	7	0.170843	1.93157	1.93157	0.0672507	2.58004	2.58004	0.0135072	4.1083	4.1083	7.75372	23.2606	3.00691	1
cg19102232	HNRNPA0	0.0336726	0.194963	0.768315	-1.30155	0.519196	1.13386	1.13386	0.470764	0.868442	-1.15149	0.00590499	0.998518	0.0461182	0.64446	-1.55169	0.861595	1.03431	1.03431	1.03412	0.266746	1.24914	1.24914	0.921449	2.29555	0.520335	1
cg17008960	HNRNPA0;HNRNPA0	0.0405581	0.737914	0.944903	-1.05831	0.444404	1.14062	1.14062	0.225603	0.806739	-1.23956	0.767841	0.951271	-1.05122	0.450509	0.878315	-1.13854	0.00117454	0.447728	-2.2335	0.388915	0.861562	-1.16068	0.120858	1.32827	1.32827	0.273151	0.824927	-1.21223	3.66437	1.65276	0.400921	1
cg20927027	HNRNPA1;HNRNPA1;CBX5 2;HNRNPA1;HNRNPA1L- 2;HNRNPA1;HNRNPA1L-2;CBX5	0.00568129	0.000954743	0.597797	-1.67281	0.160511	0.854963	-1.16964	0.769739	1.03116	1.03116	0.0555017	1.25463	1.25463	0.729488	0.889218	-1.12458	0.00853087	0.704111	-1.42023	0.0326719	1.29857	1.29857	0.0631981	1.24409	1.24409	0.85909	1.01875	1.01875	0.70586	1.22104	0.153803	1
cg02834484	HNRNPA1;HNRPA1L-2;HNRNPA1	0.0163418	0.00676376	0.368649	-2.71261	0.027755	0.47736	-2.09486	0.474681	0.813293	-1.22957	0.19744	0.678888	-1.473	0.00921326	0.390736	-2.55927	0.44103	0.799841	-1.25025	0.00159617	0.275954	-3.62379	0.091635	0.589794	-1.69551	0.0326282	0.491262	-2.03557	5.03543	6.44431	1.13759	1
cg09158487	HNRNPA1;HNRPA1L-2;HNRNPA1;CBX5	8.65E-07	1.54E-05	0.17702	-5.64909	0.000130418	3.61927	3.61927	0.321998	0.820299	-1.21907	0.951939	0.988398	-1.01174	2.60E-08	0.0188158	-53.1469	0.0186206	1.73725	1.73725	?	?	?	0.00801592	0.517984	-1.93056	0.211078	0.774827	-1.29061	78.1531	41.2445	0.52774	1
cg25817259	HNRNPA1;HNRPA1L-2;HNRNPA1;CBX5	6.28E-05	0.0332332	1.3537	1.3537	0.0185225	0.70646	-1.41551	0.00107865	1.79924	1.79924	0.000346856	2.01414	2.01414	6.35E-06	0.293504	-3.40711	0.0536638	0.765977	-1.30552	0.0103855	0.675233	-1.48097	0.275024	1.14818	1.14818	0.158248	1.20146	1.20146	25.0584	5.87534	0.208414	1
cg13445218	HNRNPA1;HNRPA1L-2;HNRNPA1;CBX5	0.023929	0.10703	0.600195	-1.66612	0.0868913	1.73261	1.73261	0.00377698	2.33746	2.33746	0.180996	0.663459	-1.50725	0.673635	0.885721	-1.12902	0.029332	0.470453	-2.12561	0.122215	1.62493	1.62493	0.327176	1.33767	1.33767	0.62968	1.14938	1.14938	4.90323	6.22811	0.987939	1
cg23100493	HNRNPA1;HNRPA1L2	0.00753182	0.0168404	0.6078	-1.64528	0.670838	1.07572	1.07572	0.948654	1.01106	1.01106	0.000288613	0.364274	-2.74519	0.0162926	0.605619	-1.6512	0.834672	0.964947	-1.03633	0.373083	1.16896	1.16896	0.385747	0.859151	-1.16394	0.29258	1.20493	1.20493	6.46543	2.98471	0.410348	1
cg04463380	HNRNPA1;HNRNPA1L2	0.0123481	0.111421	0.649428	-1.66548	0.562593	0.841792	-1.18794	0.937389	0.977152	-1.02338	0.0158127	0.419034	-2.38844	0.0168842	0.424215	-2.3029	0.00582218	0.345616	-2.89339	0.0153925	0.416639	-2.40156	0.0205139	2.27242	2.27242	0.232719	0.68594	-1.45785	5.52197	7.56959	1.2185	1
cg27515991	HNRNPA1;HNRPA1L2	0.0295399	0.41603	0.908404	-1.10083	0.580672	1.0666	1.0666	0.00387779	1.56751	1.56751	0.015884	0.850189	-1.17646	0.347339	0.894205	-1.11831	0.187943	0.759164	-1.31676	0.0539283	0.783521	-1.2789	0.159178	1.1899	1.1899	4.003	0.869092	0.189794	1
cg02215357	HNRNPA1;HNRPA1L2	0.0354673	0.022615	0.176619	-5.6619	0.057158	0.254939	-3.92251	0.355366	0.546719	-1.82909	0.120304	0.342934	-2.91601	0.0224826	0.176205	-5.67521	0.0852652	0.298691	-3.34794	0.00705127	0.109494	-9.13292	0.0155437	0.151881	-6.58409	0.0341889	0.208141	-4.80443	3.8486	24.5862	5.67853	1
cg25194273	HNRNPA1;HNRPA1L2	0.0364977	0.151401	0.814123	-1.22833	0.0107531	1.51552	1.51552	0.262632	1.16911	1.16911	0.104571	0.788727	-1.26782	0.116991	1.15583	1.15583	0.412068	0.893875	-1.11872	0.0157265	0.747614	-1.42528	0.194862	1.1423	1.1423	0.626015	0.936409	-1.06791	3.84022	1.09997	0.251946	1
cg01109462	HNRNPA1;HNRPA1L2;HNRNPA11L2; HNRNPA12	0.000469397	0.0358475	0.828428	-1.20711	0.183729	0.896986	-1.11484	0.00321194	1.36344	1.36344	9.14E-05	0.583452	-1.71394	0.762042	1.02369	1.02369	0.220123	0.905395	-1.10449	0.9813	1.00181	1.00181	0.00191649	1.4031	1.4031	0.00107788	0.708041	-1.41235	14.5429	1.36861	0.083652	1
cg02628353	HNRNPA2B1;CBX3;HNRNPA2B1;CBX3	0.0243562	0.527436	1.06067	1.06067	0.0196836	1.29589	1.29589	0.465084	1.07079	1.07079	0.479794	0.93605	-1.06832	0.413956	1.07986	1.07986	0.477013	0.935645	-1.06878	0.00364501	0.696408	-1.43594	0.984763	0.998245	-1.00176	0.0211999	1.29032	1.29032	4.39689	0.589388	0.119153	1
cg23404136	HNRNPA2B1;HNRNPA2B1	0.0222124	0.353542	0.812702	-1.23046	0.08945962	2.07597	2.07597	0.267994	1.28494	1.28494	0.0752371	1.53781	1.53783	0.210198	0.750595	-1.33228	0.592573	0.889269	-1.12452	0.111187	1.45791	1.45791	0.00284547	2.44105	2.44105	0.874854	0.966336	-1.03484	4.53895	3.39335	0.66454	1
cg03093376	HNRNPA2B1;HNRNPA2B1	0.0361116	0.988827	0.997057	-1.00294	0.972515	1.01882	1.01882	0.0165922	2.39376	2.39376	0.0169322	2.39376	2.39376	0.0229115	0.426644	-2.34207	0.330868	0.765057	-1.30709	0.153047	0.595258	-1.67971	0.0230904	0.695776	-1.43724	0.55596	1.18411	1.18411	5.47239	1.13345	1
cg10149138	HNRNPA2B1;HNRNPA2B1;CBX3;CBX3 ;HNRNPA2B1;HNRNPA2B1;CBX3;CBX3;H	0.0273932	0.171174	0.81055	-1.23373	0.197495	0.821699	-1.21699	0.534312	1.09497	1.09497	0.205016	0.824669	-1.21261	0.95824	1.00758	1.00758	0.874967	0.977555	-1.02296	0.700047	0.945723	-1.05739	0.108116	1.28751	1.28751	0.00111512	1.99811	1.99811	4.22019	1.38899	0.292559	1
cg21844827	HNRNPA2B1;HNRNPA2B1	0.015318	0.0646425	0.649508	-1.43987	0.307866	0.830773	-1.2037	0.262823	0.815733	-1.22589	0.0731227	1.06701	1.06701	0.540964	1.11484	1.11484	0.363765	0.848792	-1.17814	0.000617083	0.396183	-2.52409	0.285648	0.823014	-1.21505	0.0386982	1.52279	1.52279	5.14985	2.51397	0.434345	1
cg01750051	HNRNPA3	0.00548319	0.0260673	1.89116	1.89116	0.0759865	0.620962	-1.6104	0.0186585	0.502573	-1.98976	0.230487	1.35466	1.35466	0.117719	1.50675	1.50675	1.00726219	2.30811	2.30811	0.00305186	2.66219	2.66219	0.0245153	1.90881	1.90881	0.0541035	1.69469	1.69469	7.13425	6.57991	0.819696	1
cg10179045	HNRNPA3;HNRNPA3	0.00345589	0.2177131	1.15107	1.15107	0.686405	0.561598	-1.78057	0.0135318	0.403528	-2.48038	0.0003592	0.819794	-1.21975	0.0154538	0.712892	-1.40292	0.642449	0.956065	-1.04579	0.0154838	0.748135	-1.33682	0.0169784	0.729464	-1.37082	0.365181	0.904107	-1.10606	15.8205	2.94122	0.165255	1
cg09546691	HNRNPA3P1	0.00805854	0.531845	1.16155	1.16155	0.000260478	0.241662	-4.13801	0.0061581	0.429539	-2.32808	0.0215103	0.520474	-1.92132	0.078752	0.630221	-1.58674	0.594544	0.886097	-1.13546	0.406542	0.818081	-1.22232	0.142157	0.688553	-1.45232	0.163537	0.703538	-1.42139	6.32961	5.60603	0.787274	1
cg04625975	HNRNPA3P1	0.0308983	0.958493	1.04284	1.04284	0.515247	1.12347	1.12347	0.553873	0.891959	-1.12146	0.0559772	0.755457	-1.32356	0.0450858	0.742058	-1.34755	0.293247	0.736904	-1.35727	0.0263803	0.727217	-1.37508	0.0368786	0.637943	-1.56804	0.0178367	0.637943	-1.56804	2.85488	1.73	0.414646	1
cg17952824	HNRNPA3P1	0.0310194	0.0200609	0.232398	-4.30296	0.132869	0.430217	-2.32441	0.0199413	0.231941	-4.31144	0.686663	0.809821	-1.23484	0.00986673	0.183372	5.4534	0.055284	0.32981	-3.09616	0.00773774	0.168729	-5.92665	0.0423342	0.296303	-3.37492	0.0930714	0.382488	-2.61446	4.03853	17.3065	3.80919	1
cg03103876	HNRNPA3;HNRNPAB	4.81E-05	0.000227986	0.510564	-1.95862	0.606784	0.944614	-1.05863	2.16E-05	0.391576	-2.55378	0.657544	1.05019	1.05019	0.126	0.854176	-2.82345	0.033592	0.761521	-1.31316	0.000584858	0.558026	-1.79203	0.0155327	0.721993	-1.38506	3.61E-05	0.417375	-2.39592	8.29226	5.13066	0.169583	1
cg27370261	HNRNPA3;HNRNPA3	0.03738328	0.197853	1.16716	1.16716	0.0178917	1.6638	1.6638	0.00563722	2.78558	2.78558	0.179754	1.78658	1.78658	0.0179756	0.942665	-1.06832	0.336483	0.770257	1.29756	0.0144955	0.744928	-1.34241	0.000964077	2.40953	2.40953	0.764198	1.05473	1.05473	6.52053	1.23974	0.441646	1
cg06538757	HNRNPA3;HNRNPAB	0.0116604	0.0163341	0.701875	-1.42476	0.637459	0.94437	-1.05891	0.575421	1.07061	1.07061	0.0430403	0.755236	-1.32409	0.162118	1.1972	1.1972	0.477811	1.09092	1.09092	0.000553436	0.523948	-1.90859	0.141238	0.826315	-1.21019	0.593123	0.937037	-1.06719	5.62559	1.29542	0.204686	1
cg08583763	HNRNPA3;HNRNPAB	0.0395733	0.0095732	0.441853	-2.26407	0.183597	0.696056	-1.43667	0.285304	0.570948	-1.75165	0.0838928	0.904508	-1.10569	0.0155902	0.663601	-1.50703	0.188857	0.72622	-1.37712	0.00644003	0.403284	-2.48113	0.0152329	0.46426	-2.16008	0.559782	0.858675	-1.16459	0.410469	0.24482	0.939842	1
cg22872033	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.00197114	0.00245949	0.461427	-2.16719	0.0105645	0.180508	0.80508	0.0231878	1.69606	1.69606	0.186812	0.773409	-1.29298	0.0778042	0.534623	1.87048	0.238515	1.797164	-1.25445	0.0974817	0.548679	-1.82256	0.0170758	1.70067	1.70067	0.0225248	0.613503	-1.62998	5.68281	5.17084	0.474687	1
cg22855988	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0119617	0.883233	1.0521	1.0521	0.00607887	3.44861	3.44861	0.00600966	3.45781	3.45781	0.624576	1.18584	1.18584	0.174544	0.607071	-1.64725	0.386948	0.736029	-1.35864	0.282057	0.679545	-1.47157	0.00307458	4.05742	4.05742	0.429273	1.32162	1.32162	5.57929	10.5537	1.68142	1
cg20993952	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0141383	0.650023	1.14271	1.14271	0.0281802	1.33865	1.33865	0.0107443	2.08223	2.08223	0.0750988	1.43221	1.43221	0.0359522	0.758899	-1.31776	0.189955	0.855375	-1.16908	0.831389	1.02428	1.02428	0.880307	1.244	1.244	0.325195	0.801972	1.12111	5.28278	0.164595	0.774266	1
cg18079631	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.032052	0.192189	1.29188	1.29188	0.902858	0.977602	-1.02291	0.00125856	2.39547	2.39547	0.16395	1.31726	1.31726	0.0761569	1.44163	1.44163	0.047201	1.52391	1.52391	0.483355	0.876206	-1.14128	0.500605	0.880881	-1.13523	0.961713	1.00895	1.00895	3.91956	2.15739	0.484532	1
cg13675563	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0233886	0.0188866	0.628464	-1.59128	0.0148207	1.42953	1.42953	0.0174474	1.93459	1.93459	0.0814997	1.72552	1.72552	0.0314696	0.581447	-1.72055	0.0706048	0.562324	-1.77862	0.0384848	1.47194	1.47194	0.0599568	1.33709	1.33709	0.0377212	1.53779	1.53779	6.38178	3.88343	0.19867	1
cg02106430	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0336632	0.255773	0.842077	-1.18754	0.246072	0.83882	-1.19215	0.293871	1.17087	1.17087	0.0138839	0.643769	-1.55335	0.384637	0.878845	-1.13786	0.763099	0.95678	-1.04517	0.0146099	1.54601	1.54601	0.1105557	1.28651	1.28651	0.0840869	1.31906	1.31906	3.92188	1.30387	0.29552	1
cg20993952	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0141383	0.650023	1.14271	1.14271	0.0281802	1.33865	1.33865	0.0107443	2.08223	2.08223	0.0750988	1.43221	1.43221	0.0359522	0.758899	-1.31776	0.189955	0.855375	-1.16908	0.831389	1.02428	1.02428	0.880307	1.244	1.244	0.325195	0.801972	1.12111	5.28278	0.164595	0.774266	1
cg18079631	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.032052	0.192189	1.29188	1.29188	0.902858	0.977602	-1.02291	0.00125856	2.39547	2.39547	0.16395	1.31726	1.31726	0.0761569	1.44163	1.44163	0.047201	1.52391	1.52391	0.483355	0.876206	-1.14128	0.500605	0.880881	-1.13523	0.961713	1.00895	1.00895	3.91956	2.15739	0.484532	1
cg13675563	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0233886	0.0188866	0.628464	-1.59128	0.0148207	1.42953	1.42953	0.0174474	1.93459	1.93459	0.0814997	1.72552	1.72552	0.0314696	0.581447	-1.72055	0.0706048	0.562324	-1.77862	0.0384848	1.47194	1.47194	0.0599568	1.33709	1.33709	0.0377212	1.53779	1.53779	6.38178	3.88343	0.19867	1
cg02106430	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0336632	0.255773	0.842077	-1.18754	0.246072	0.83882	-1.19215	0.293871	1.17087	1.17087	0.0138839	0.643769	-1.55335	0.384637	0.878845	-1.13786	0.763099	0.95678	-1.04517	0.0146099	1.54601	1.54601	0.1105557	1.28651	1.28651	0.0840869	1.31906	1.31906	3.92188	1.30387	0.29552	1
cg15442329	HNRNPC;HNRNPC;HNRNPC;HNRNPC	6.97E-06	0.00267063	0.56735	-1.76288	0.586E-06	0.249917	-4.00133	5.12E-07	0.138124	-7.68498	0.0006659	0.493258	-2.02734	0.00179741	0.541368	-1.83362	0.001317071	0.530469	-1.88513	0.0144598	0.753079	-1.32788	0.000401365	0.467565	-2.13874	6.81E-06	0.255948	-3.90704	44.542	13.1483	0.26239	1
cg15135595	HNRNPC;LOC649330	6.63E-05	0.000321222	-1.84374	0.140432	1.30514	1.30514	-1.29514	1.46E-05	0.317398	3.15061	0.0750546	0.491917	-2.31655	0.572558	1.06959	1.06959	0.052311	0.792987	-1.26105	2.99E-05	0.42377	-2.35977	0.055041	0.795627	-1.25687	0.126054	0.840329	-1.19001	24.7021	4.32117	0.155494	1
cg24708854	HNRNPC;LOC649330	0.000395417	0.00558691	0.472738	-2.11534	0.882952	0.970125	-1.03079	0.000132288	0.255399	-3.91544	0.000634855	0.339443	-2.946	0.00681443	0.485925	-2.05793	0.000495385	0.325464	-3.07254	0.00141393	0.386264	-2.5889	0.380981	0.831103	-1.20322	0.000162397	0.265785	-3.76244	15.2486	10.2361	0.596697	1
cg19580363	HNRNPC;LOC649330	0.000555885	0.0358352	0.640322	-1.56177	0.756065	0.937167	-1.06702	0.0001546	0.197187	-5.06702	0.0001546	0.315644	-3.16955	0.0144706	0.633734	-1.57814	0.183626	1.04437	1.04437	0.0003227	0.307664	-3.25011	0.177892	0.750574	1.33268	-1.33276	0.00479814	0.457501	-2.18579	7.1524	3.4914	0.614521	1
cg26891645	HNRNPC;LOC649330;LOC649330	0.0105526	0.0286349	0.20526	-4.87187	0.0486177	0.251214	-3.98067	0.0094453	0.132993	-7.5192	0.0972084	0.327478	-3.05364	0.0600504	0.110582	-9.04303	0.040269	0.233946	-4.27449	0.00158557	0.061983	-16.1334	0.0214852	0.183776	-5.4414	0.0102705	0.137534	-7.27093	5.80961	34.6093	5.29533	1
cg02152340	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.000545868	0.000158764	0.229456	-4.55922	0.00594412	2.092318	2.092318	0.0281236	2.05601	2.05601	0.555627	1.12216	1.12216	?	?	?	0.0218585965	4.16812	4.16812	0.347625	1.1957	1.1957	0.297246	1.12173	1.12173	0.515695	1.21134	1.21134	33.5952	50.5797	0.336429	1
cg02760314	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.00329711	0.00708826	0.641681	-1.55904	0.0001185661	0.227484	-4.39591	0.786815	1.06715	1.06715	0.0150916	0.444641	-2.25002	0.150976	0.712945	-1.40263	0.270189	0.776926	-1.28712	0.00268419	0.405643	-2.46879	0.632871	0.899601	-1.11116	0.040542	0.594119	-1.68316	8.32096	3.36954	0.680428	1
cg12073911	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.00629456	0.00181952	1.71111	1.71111	0.863907	0.979423	-1.02101	0.046364	0.758715	-1.31802	0.320821	0.883098	-1.13238	0.00782003	0.661167	-1.51248	0.166242	1.19592	1.19592	0.00793718	0.51069	-1.95632	0.923937	-1.08232	0.0014702	0.420705	1.10087	6.8371	1.59058	0.206791	1
cg10055655	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.0037308	0.0742412	0.615393	-1.62487	0.164807	1.50271	1.50271	0.477904	1.23933	1.23933	0.0284173	1.44175	1.44175	0.903772	1.0138	1.0138	0.0175424	0.645187	1.22813	0.0191332	1.92725	1.92725	0.0773099	1.77961	1.77961	0.0425654	1.65854	1.65854	1.06334	1
cg25804985	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.025376	0.86867	0.958506	-1.04329	0.638443	1.13053	1.13053	0.424795	1.24236	1.24236	0.817488	1.06109	1.06109	?	?	?	0.0412809	0.444926	-2.24756	?	?	?	0.671927	1.11643	1.11643	0.003098	0.126041	-7.9339	14.4709	9.35618	0.277093	1
cg22178861	HNRNPD;HNRNPD;HNRNPD;HNRNPD;H NRNPD;HNRNPD;HNRNPD;HNRNPD	0.000212727	0.7114465	0.897054	-1.11476	6.78E-06	0.0172944	-57.8221	0.0419251	0.485891	-2.05808	0.696667	0.891748	-1.12139	0.0406811	2.07104	2.07104	0.9158	0.969593	-1.03136	0.440704	0.793607	-1.26007	?	?	?	?	?	?	33.5614	33.5573	0.857038	1
cg15312111	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.00564777	0.341031	1.17466	1.17466	0.558203	1.19115	1.19115	0.0144619	1.59115	1.59115	0.0044659	1.4865	1.4865	0.0174803	1.78813	1.78813	0.0148554	1.327436	1.327436	0.0236499	1.63395	1.63395	0.0167172	1.57545	1.57545	0.0236499	1.63395	1.63395	6.07127	2.20596	1
cg23492413	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.0246249	0.424032	0.905031	-1.10493	0.000847863	0.541718	-1.84598	0.234024	0.858584	-1.16471	0.849881	0.977109	-1.02343	0.0544796	0.765945	-1.30558	0.03097251	0.747802	-1.33725	0.237882	0.85976	-1.16312	0.202632	1.17867	1.17867	0.253085	0.864258	-1.15706	4.38018	1.03617	0.210273	1
cg05101083	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.0363645	0.346274	0.754255	-1.32658	0.0287488	0.737994	-1.64554	0.0135062	1.57305	1.57305	0.362659	1.53167	1.53167	0.869314	1.07792	1.07792	0.814483	0.898423	-1.11306	0.00380703	0.16891	-5.9203	0.0335296	1.10091	1.10091	0.528849	1.33742	1.33742	1.81385	12.5404	2.92347	1
cg23284639	HNRNPF;HNRNPF;HNRNPF;HNRNPF	1.43E-05	0.563999	1.03457	1.03457	0.000626803	1.35855	1.35855	0.0246053	1.16881	1.16881	0.00130267	0.761198	-1.31372	0.0776763	1.12105	1.12105	0.02182241	1.17396	1.17396	8.88E-07	0.467458	-2.13923	0.00060097	1.36128	1.36128	0.00350092	1.25963	1.25963	36.9618	1.98777	0.0478037	1
cg16438619	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.00239506	0.580965	1.06597	1.06597	0.0927957	0.809024	-1.23606	0.97952	1.00295	1.00295	0.961582	0.994496	-1.00553	0.0212309	1.37351	1.37351	0.0985955	1.23066	1.23066	0.00314583	1.58828	1.58828	0.000646102	1.82163	1.82163	0.176464	1.90214	1.90214	0.184454	1
cg10773266	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.00252342	0.00479954	0.541698	-1.83935	0.245612	1.14135	1.14135	0.00760976	1.93458	1.93458	0.0377903	1.54444	1.54444	0.128969	0.76597	-1.30554	0.313694	1.18451	1.18451	0.0701093	1.1724	1.1724	0.0721	1.0721	1.0721	0.840853	1.03321	1.03321	0.00514702	0.647209	2.11823	0.00729	3.79	0.371778	1
cg12891252	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.01253117	0.4449935	0.771727	-1.29579	0.00698038	3.19354	3.19354	0.881536	1.05087	1.05087	0.00224029

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10332715	HNRNPU;HNRNPU	0.0456656	0.0195606	0.259067	-3.86001	0.151624	0.479296	-2.08639	0.173132	0.499606	-2.00158	0.879246	0.929806	-1.07549	0.0639907	0.369137	-2.70902
cg17833303	HNRNPU;HNRNPU	0.0466736	0.0372445	0.655882	-1.52466	0.0938087	1.37907	1.37907	0.0193397	1.63786	1.63786	0.0968471	1.37425	1.37425	0.699848	1.06991	1.06991
cg01220651	HNRNPU;HNRNPU	0.0486387	0.238522	0.790641	-1.2648	0.222354	1.27638	1.27638	0.0515035	1.5247	1.5247	0.130046	1.36502	1.36502	0.261412	1.24964	1.24964
cg03047121	HNRNPUL1	0.0157223	?	?	?	0.0030471	6.18492	6.18492	0.00283162	6.3313	6.3313	0.0921133	2.29866	2.29866	0.330492	0.637133	-1.56953
cg13668129	HNRNPUL1	0.0192315	0.0499979	0.598218	-1.67163	0.0034015	2.49733	2.49733	0.276009	1.29756	1.29756	0.893266	0.969612	-1.03134	0.0417644	0.583048	-1.71513
cg20964856	HNRNPUL1;AXL;AXL	0.00226987	0.00733747	0.553274	-1.80742	0.413701	1.15385	1.15385	0.208483	0.796854	-1.25493	0.0233701	0.628779	-1.59038	0.000326829	0.369958	-2.70301
cg01338474	HNRNPUL1;HNRNPUL1	1.06E-05	0.0423944	0.712409	-1.40369	0.136153	0.79219	-1.26232	0.342305	0.867676	-1.1525	0.105605	0.773783	-1.29235	2.54E-06	0.192056	-5.20683
cg26384602	HNRNPUL1;HNRNPUL1	6.37E-05	0.000784748	0.449954	-2.22245	0.0290284	0.667136	-1.49894	0.0100524	0.599899	-1.66695	0.0553696	0.710641	-1.40718	3.46E-06	0.179512	-5.57067
cg01518977	HNRNPUL1;HNRNPUL1	0.000439299	0.0655223	1.17263	1.17263	0.00174527	0.70905	-1.41034	0.92343	0.992621	-1.00743	0.513235	1.05241	1.05241	0.0455636	0.83808	-1.1932
cg24870050	HNRNPUL1;HNRNPUL1	0.000874209	0.598465	0.911051	-1.09763	1.84E-05	0.216406	-4.62094	0.00145028	0.446373	-2.24028	0.772424	0.950437	-1.05215	0.600925	1.09693	1.09693
cg14319569	HNRNPUL1;HNRNPUL1	0.00113244	0.455584	1.31421	1.31421	0.00485464	3.82982	3.82982	0.00830659	3.36388	3.36388	0.635407	0.84221	-1.18735	0.793145	1.0991	1.0991
cg22840076	HNRNPUL1;HNRNPUL1	0.001512	0.483962	1.21535	1.21535	0.00375544	0.342105	-2.92308	0.52011	0.836303	-1.19574	0.0355909	0.51133	-1.95568	0.000623214	0.236198	-4.23374
cg03301189	HNRNPUL1;HNRNPUL1	0.00199975	0.000464354	0.177685	-5.62792	0.00315813	0.282064	-3.54529	0.0197182	0.413262	-2.41977	0.057555	0.509732	-1.96182	0.000191309	0.139194	-7.1842
cg26936188	HNRNPUL1;HNRNPUL1	0.00228359	0.472628	1.07517	1.07517	0.199342	1.14402	1.14402	5.53E-05	2.10514	2.10514	0.211023	0.877433	-1.13969	0.533208	1.06462	1.06462
cg20969822	HNRNPUL1;HNRNPUL1	0.00333313	0.0279944	0.386887	-2.58473	0.00794511	0.287953	-3.47279	0.171698	0.587284	-1.70275	0.286384	1.49927	1.49927	0.46599	0.762324	-1.31178
cg15585264	HNRNPUL1;HNRNPUL1	0.00370018	0.405576	0.888786	-1.12513	0.00237178	1.79898	1.79898	0.153847	1.23558	1.23558	0.597494	1.07662	1.07662	0.668531	0.942067	-1.0615
cg14250206	HNRNPUL1;HNRNPUL1	0.0063765	0.00176977	0.153964	-6.49503	0.00777173	3.95895	3.95895	0.296554	1.49316	1.49316	?	?	?	0.507693	1.28015	1.28015
ch.19.1348515F	HNRNPUL1;HNRNPUL1	0.00721842	0.6736	0.946977	-1.05599	0.398553	1.11756	1.11756	0.0567371	1.3196	1.3196	0.000937795	0.530032	-1.88668	0.00588583	0.629105	-1.58956
cg13596036	HNRNPUL1;HNRNPUL1	0.0143068	0.704585	0.895145	-1.11714	0.166182	0.650927	-1.53627	0.0824926	1.74945	1.74945	0.1646	1.53907	1.53907	0.221234	1.45344	1.45344
cg12946660	HNRNPUL1;HNRNPUL1	0.0243592	0.00627807	0.205222	-4.87277	0.0205782	3.40192	3.40192	0.377241	1.47341	1.47341	0.923254	0.959773	-1.04191	0.207546	1.76988	1.76988
cg05896295	HNRNPUL1;HNRNPUL1	0.0305229	0.852565	0.939892	-1.06395	0.127599	0.577561	-1.73142	0.0268106	0.417275	-2.3965	0.0681777	0.506363	-1.97487	0.00507069	0.290972	-3.43676
cg13085065	HNRNPUL1;HNRNPUL1	0.0481073	0.747909	0.940637	-1.06311	0.292597	1.23025	1.23025	0.00549444	1.99927	1.99927	0.369375	1.19119	1.19119	0.00276643	2.18878	2.18878
cg14903727	HNRNPUL2	0.000530534	0.461179	0.869867	-1.1496	0.00167943	0.434023	-2.30402	0.521709	0.886314	-1.12827	0.326901	0.828544	-1.20694	0.000164216	0.302962	-3.30074
cg03347015	HNRNPUL2	0.00364049	0.308478	1.31605	1.31605	0.000521809	4.09315	4.09315	0.00104638	3.53915	3.53915	0.0376385	1.87441	1.87441	0.0509025	0.560212	-1.78504
cg17180607	HNRNPUL2;TTC9C	0.0253761	0.149217	1.7232	1.7232	0.143243	1.73964	1.73964	0.335498	0.706583	-1.41526	0.106903	1.86092	1.86092	0.00911283	0.301611	-3.31553
cg05754589	HNRPA1L-2;HNRNPA1;HNRNPA1;CBX5	0.00217392	0.0290543	0.604477	-1.65432	0.279836	0.802668	-1.24585	0.143982	1.35953	1.35953	0.736855	1.06821	1.06821	3.70E-05	0.211703	-4.7236
cg04929868	HNRPDL;HNRPDL	0.00289578	0.0132878	0.376943	-2.65292	0.146972	1.64047	1.64047	0.937713	0.975452	-1.02517	0.56755	1.20172	1.20172	0.00070825	0.193823	-5.15934
cg03581621	HNRPDL;HNRPDL;ENOPH1	0.01053	0.0387398	1.24062	1.24062	0.445353	1.07259	1.07259	0.696445	0.9653	-1.03595	0.534676	0.944932	-1.05828	0.206421	1.12755	1.12755
cg01422416	HNRPLL;HNRPLL	0.00127386	0.196505	0.751421	-1.33081	0.689707	0.919444	-1.08761	0.0159214	0.539127	-1.85485	0.582151	1.12333	1.12333	1.94E-05	0.162891	-6.13908
cg20313856	HNRPLL;HNRPLL	0.0143938	0.00744754	0.304724	-3.28166	0.832233	1.07589	1.07589	0.0768152	1.97105	1.97105	0.426353	1.32323	1.32323	0.0110101	0.332938	-3.00356
cg05697101	HNRPLL;HNRPLL	0.0397191	0.635709	0.783581	-1.27619	0.884758	0.928559	-1.07694	0.279255	0.562749	-1.77699	0.604212	1.30638	1.30638	0.232999	0.527746	-1.89485
cg26990217	HNRPLL;HNRPLL;HNRPLL	0.000309598	0.00417967	0.623103	-1.60487	0.328616	0.883129	-1.13234	0.145704	1.21233	1.21233	0.00131354	0.56192	-1.77961	0.185395	0.841052	-1.18899
cg04476846	HOMER1	0.00149379	0.0151915	0.526814	-1.8982	0.127384	1.42519	1.42519	0.427813	1.19004	1.19004	0.395337	0.82937	-1.20573	0.000158353	0.249491	-4.00817
cg26983544	HOMER1	0.0061117	0.135686	0.704025	-1.4204	0.0399321	0.595554	-1.67911	0.00952427	0.488352	-2.0477	0.0179553	1.87309	1.87309	0.00281191	0.407265	-2.45541
cg26531995	HOMER1	0.0260899	0.0506476	0.501992	-1.99206	0.302635	1.39157	1.39157	0.00697967	2.94419	2.94419	0.337327	1.35812	1.35812	0.833064	0.936773	-1.06749
cg11116035	HOMER1	0.0302691	0.160041	0.321798	-3.10754	0.219155	0.376776	-2.6541	0.206367	0.365406	-2.73668	0.658276	0.714465	-1.39965	0.0611472	0.203151	-4.92244
cg14468634	HOMER1	0.031588	0.919592	1.0256	1.0256	0.0319261	0.53296	-1.87631	0.0219002	0.502371	-1.99056	0.24608	1.35481	1.35481	0.0127996	0.461156	-2.16846
cg16446012	HOMER1	0.0380722	0.164994	1.3318	1.3318	0.506745	1.13918	1.13918	0.0207544	1.71355	1.71355	0.537678	1.12832	1.12832	0.255323	1.25827	1.25827
cg02071600	HOMER1;HOMER1	0.0252559	0.449349	0.774174	-1.2917	0.0410536	2.18746	2.18746	0.02833	2.3619	2.3619	0.634441	1.17239	1.17239	0.459647	0.778825	-1.28399
cg07417708	HOMER1;HOMER1	0.0332546	0.570721	1.13162	1.13162	0.612928	1.11638	1.11638	0.0222224	1.80667	1.80667	0.875598	1.03439	1.03439	0.968134	1.00866	1.00866
cg09887459	HOMER2;HOMER2;HOMER2;HOMER2	0.00774777	0.377223	1.231	1.231	0.38136	1.22868	1.22868	0.00444988	0.418807	-2.38773	0.29693	1.28151	1.28151	0.00153502	0.351484	-2.84508
cg19099281	HOMER2;HOMER2;HOMER2;HOMER2	0.0120853	0.576746	1.03148	1.03148	0.567547	0.968735	-1.03227	0.491781	1.03913	1.03913	0.0115364	1.18966	1.18966	0.185801	0.925778	-1.08017
cg27418217	HOMER2;HOMER2;HOMER2;HOMER2	0.0413907	0.609152	0.764829	-1.30748	0.00904237	5.61312	5.61312	0.0551132	3.0975	3.0975	0.71915	1.20652	1.20652	0.0251107	0.2503	-3.9952
cg13883984	HOMER2;HOMER2;HOMER2;HOMER2	0.0483608	0.0637168	0.676622	-1.47793	0.015381	0.572702	-1.74611	0.116396	1.37678	1.37678	0.430162	0.859919	-1.1629	0.0481335	0.654883	-1.52699
cg11601336	HOMER3	0.00470901	0.00692278	0.254974	-3.92197	0.0269114	0.358889	-2.78638	0.0120629	0.294049	-3.40079	0.0245224	0.350804	-2.8506	0.00124574	0.158138	-6.32359
cg16899036	HOMER3	0.00524036	0.596372	0.868519	-1.15139	0.807767	1.0664	1.0664	0.049387	0.55351	-1.80665	0.773863	1.07894	1.07894	0.00310715	0.344101	-2.90612
cg19234705	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.00182587	0.294385	0.890728	-1.12268	0.366198	1.10382	1.10382	0.0143877	1.37851	1.37851	0.863464	0.981853	-1.01848	0.814573	0.975312	-1.02531
cg19788957	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.0040283	0.203221	0.858908	-1.16427	0.728718	1.04021	1.04021	0.179026	1.17544	1.17544	0.0249725	1.35265	1.35265	0.00949686	0.689292	-1.45076
cg11300838	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.0160139	0.127252	0.80295	-1.24541	0.00328282	0.586771	-1.70424	0.0124089	0.660919	-1.51304	0.0564482	0.750214	-1.33295	0.00926942	0.644439	-1.55174
cg19696388	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.0346644	0.0217549	0.338102	-2.95769	0.414271	0.719945	-1.389	0.352676	0.686232	-1.45723	0.00818853	0.263918	-3.78905	0.00306006	0.202526	-4.93763
cg02592062	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.0402624	0.0204535	0.435412	-2.29668	0.31661	0.734777	-1.36096	0.770943	0.916768	-1.09079	0.457942	0.798522	-1.25231	0.0175392	0.422976	-2.3642
cg18439323	HOMEZ	0.000392449	0.120059	0.673515	-1.48475	0.00500983	0.418829	-2.38761	0.204156	0.730464	-1.36899	0.301054	0.777912	-1.28549	3.39E-06	0.0767833	-13.0237
cg10274099	HOMEZ	0.0329162	0.072159	0.424572	-2.35531	0.0953633	2.1861	2.1861	0.217943	1.73884	1.73884	0.36271	0.670769	-1.49083	0.278003	1.61855	1.61855
cg07447157	HOMEZ	0.0392493	0.00187294	0.444737	-2.24852	0.327562	1.20402	1.20402	0.305395	0.822859	-1.21528	0.312158	0.825243	-1.21176	0.017885	0.589344	-1.6968
cg23996071	HOOK1	0.000987034	0.102454	1.84834	1.84834	0.816052	1.0834	1.0834	0.0110025	2.99378	2.99378	0.00397661	3.78511	3.78511	0.911554	1.03893	1.03893
cg08231348	HOOK1	0.00740389	0.357617	1.84885	1.84885	0.0380461	4.91494	4.91494	0.0168308	7.0129	7.0129	0.230116	2.27153	2.27153	?	?	?
cg03897136	HOOK1	0.0169057	0.00785832	1.62353	1.62353	0.0015549	1.90852	1.90852	0.633505	1.07063	1.07063	0.0697436	1.33398	1.33398	0.19915	1.2126	1.2126
cg08653112	HOOK1	0.0182496	0.700891	0.893446	-1.11926	0.32033	0.740995	-1.34954	0.405359	0.779953	-1.28213	0.00223044	0.286442	-3.49111	0.000975964	0.238848	-4.18677
cg15900248	HOOK1	0.0226066	0.16789	2.8344	2.8344	0.126917	3.22275	3.22275	0.0604823	4.48398	4.48398	0.0141	8.56513	8.56513	0.423686	0.560339	-1.78463
cg11792516	HOOK1	0.0263709	0.362715	1.69132	1.69132	0.959932	0.972173	-1.02862	0.785004	0.857607	-1.16604	0.05205	3.46083	3.46083	0.909556	1.06592	1.06592
cg07836257	HOOK1	0.0293592	0.548183	0.910834	-1.09789	0.417977	1.13566	1.13566	0.565016	1.09353	1.09353	0.713365	1.05835	1.05835	0.945734	0.989592	-1.01052
cg18348836	HOOK1	0.0452918	0.763863	1.13952	1.13952	0.0361943	2.87461	2.87461	0.155147	1.9338	1.9338	0.0914449	2.23832	2.23832	0.0144994	0.270993	-3.69014
cg07248310	HOOK1;HOOK1	0.00548277	0.789484	0.905039	-1.10492	0.728514	1.13875	1.13875	0.0321846	2.54854	2.54854	0.607448	0.824306	-1.21314	0.24939	0.638339	-1.56657
cg12534390	HOOK2;HOOK2	0.00049982	0.0852172	0.633425	-1.57872	0.000825349	0.29859	-3.34907	0.109384	0.657796	-1.52023	0.00213392	0.355092	-2.81617	0.000108963	0.194809	-5.13323
cg05379127	HOOK2;HOOK2	0.00159616	0.698312	0.949638	-1.05303	0.383733	0.888256	-1.1258	0.00296099	1.71806	1.71806	0.291211	0.864757	-1.15639	0.964159	1.00598	1.00598
cg00072407	HOOK2;HOOK2	0.00185989	0.00669081	0.618022	-1.61807	0.342082	0.874666	-1.14329	0.0558773	0.743552	-1.3449	0.0277165	1.4276	1.4276	6.93E-05	0.369955	-2.70303
cg07484849	HOOK2;HOOK2	0.00380216	0.000492367	0.156232	-6.40073	0.0510135	2.12984	2.12984	0.00640149	0.299187	-3.34239	0.107183	1.81879	1.81879	0.0311608	0.423033	-2.36388
cg10810394	HOOK2;HOOK2	0.00433035	0.00210184	0.150475	-6.64561	0.100296	2.19957	2.19957	0.00704855	0.21765	-4.59453	0.269453	1.65449	1.65449	0.00405601	0.184649	-5.41568
cg01632288	HOOK2;HOOK2	0.00460732	0.211625	1.67894	1.67894	0.063654	2.27284	2.27284	0.661595	1.18939	1.18939	0.689154	1.17155	1.17155	0.00533581	0.235682	-4.24301
cg15683940	HOOK2;HOOK2	0.00856614	0.00432106	0.409982	-2.43913	0.408451	1.2185	1.2185	0.00436623	0.41067	-2.43505	0.323825	1.26893	1.26893	0.00579531	0.429642	-2.32752
cg09283636	HOOK2;HOOK2	0.0304184	0.161167	0.649706	-1.53916	0.541264	0.836767	-1.19508	0.263686	0.714799	-1.39899	0.439414	1.25513	1.25513	0.000640814	0.220887	-4.52721
cg02723142	HOOK2;HOOK2	0.0439565	0.498544	1.09006	1.09006	0.0145118	1.45933	1.45933	0.00263736	1.68602	1.68602	0.794109	0.967705	-1.03337	0.360627	1.1252	1.1252
cg14890631	HOOK3	0.00461461	0.0307091	0.733291	-1.36372	0.0178127	1.42201	1.42201	0.0264284	0.724928	-1.37945	0.166657	0.835087	-1.19748	0.263775	0.867298	-1.15301
cg22561380	HOOK3	0.0072981	0.0369244	1.38982	1.38982	0.50071	0.91134	-1.09729	0.0337095	1.40056	1.40056	0.621347	1.06997	1.06997	0.364522	0.881116	-1.13492
cg05966149	HOOK3	0.0199122	0.0276476	0.529027	-1.89026	0.835973	0.950567	-1.052	0.0188698	0.498833	-2.00468	0.449764	1.20723	1.20723	0.00329745	0.375725	-2.66152
ch.8.1022548F	HOOK3	0.0269065	0.0202918	0.605052	-1.65275	0.0108388	1.7763	1.7763	0.328482	1.19854	1.19854	0.558536	0.899217	-1.11208	0.550543	1.11455	1.11455
cg09642739	HOOK3	0.0317548	0.609907	1.1118	1.1118	0.0022865	0.415459	-2.40697	0.410597	0.840881	-1.18923	0.0714047	0.660538	-1.51392	0.26743	0.788244	-1.26864
cg10355174	HOOK3;RNF170;RNF170;RNF170;RNF170;RNF170;RNF170	0.0019074	0.000278625	2.39633	2.39633	0.619934	0.929153	-1.07625	0.405671	1.1332	1.1332	0.952154	0.991219	-1.00886	0.28759	1.17619	1.17619
cg00741600	HOOK3;RNF170;RNF170;RNF170;RNF170;RNF170;RNF170	0.00312522	0.985261	0.997198	-1.00281	0.122467	1.28942	1.28942	0.0121725	1.60726	1.60726	0.288478	1.18218	1.18218	0.21836	0.821489	-1.2173
cg27043582	HOOK3;RNF170;RNF170;RNF170;RNF170;RNF170;RNF170	0.00389076	0.991111	1.00129	1.00129	0.00277117	1.60919	1.60919	0.116556	1.21725	1.21725	0.685027	1.04814	1.04814	0.4055	1.10309	1.10309
cg25456368	HOPX;HOPX;HOPX	0.016876	0.0826517	0.491399	-2.03501	0.0794972	0.486995	-2.05341	0.143207	0.559032	-1.78881	0.937334	0.971352	-1.02949	0.176351	0.587816	-1.70121
cg09853371	HOPX;HOPX;HOPX;HOPX;HOPX	0.000152559	0.884079	0.979771	-1.02065	0.0312812	1.42466	1.42466	0.0580333	1.35002	1.35002	0.722748	1.05117	1.05117	0.0803968	0.762107	-1.31215
cg00935819	HORMAD1	0.00248212	0.016127	0.340018	-2.94102	0.0301814	0.392962	-2.54477	0.0416296	0.422872	-2.36478	0.000617545	0.14496	-6.89847	0.000378155	0.124745	-8.01637
cg22823121	HORMAD1	0.0149822	0.134142	0.517359	-1.93289	0.143865	1.89765	1.89765	0.628274	0.819521	-1.22023	0.00370676	0.20196	-4.95147	0.00643014	0.235516	-4.246
cg04725313	HORMAD1	0.0225086	0.0407543	1.59264	1.59264	0.00631945	0.496263	-2.01506	0.0105256	0.530362	-1.8855	0.28548	0.803663	-1.2443	0.102587	0.703323	-1.42182
cg05125051	HORMAD1	0.0498353	0.0588449	1.31981	1.31981	0.16914	0.826555	-1.20984	0.0103497	0.657057	-1.52194	0.838332	0.973784	-1.02692	0.683915	0.948164	-1.05467
cg09059988	HORMAD1;HORMAD1	0.0243737	0.908243	0.981729	-1.01861	0.28967	0.838812	-1.19216	0.00195025	0.496269	-2.01504	0.0485536	1.43387	1.43387	0.203812	1.23924	1.23924
cg24211826	HORMAD2	0.000386765	0.14716	1.28332	1.28332	0.0640465	0.716247	-1.39617	0.0100145	0.593722	-1.68429	0.654624	0.930342	-1.07487	2.83E-05	0.267123	-3.7436
cg17632937	HORMAD2	0.00126443	0.953253	1.00838	1.00838	0.00021457	0.414733	-2.41119	0.578282	1.08326	1.08326	0.0156365	1.52513	1.52513	0.0036387	0.571044	-1.75118
cg10195901	HORMAD2	0.00138085	0.0679395	1.55665	1.55665	0.000100169	0.224611	-4.45213	0.237351	0.764946	-1.30728	0.107737	1.46218	1.46218	0.00133173	0.364246	-2.7454
cg15209808	HORMAD2	0.00438894	0.0745714	1.74937	1.74937	0.00552503	0.358187	-2.79184	0.0153488	2.31113	2.31113	0.0546344	1.84738	1.84738	0.00222254	0.299243	-3.34176
cg21843594	HORMAD2	0.00462896	0.405197	1.29622	1.29622	0.00275152	0.284038	-3.52065	0.203781	1.50474	1.50474	0.0309965	2.16297	2.16297	0.00227558	0.272453	-3.67035
cg14509403	HORMAD2	0.0129873	0.731478	1.15295	1.15295	0.00238562	0.173882	-5.75102	0.311766	1.54089	1.54089	0.103015	2.08951	2.08951	0.00389067	0.200653	-4.98372
cg04046669	HORMAD2	0.0374534	0.860652	1.16162	1.16162	0.418468	2.0237	2.0237	0.0646591	5.86787	5.86787	0.701994	0.720507	-1.38791	0.00322404	0.0324905	-30.7782
cg23268208	HORMAD2	0.0466688	0.334966	0.792253	-1.26222	0.150963	0.697354	-1.43399	0.153457	1.43042	1.43042	0.694387	1.0969	1.0969	0.0204739	0.519944	-1.92328
cg01141459	HORMAD2;HORMAD2	0.0227127	0.958736	0.991325	-1.00875	0.463486	0.881921	-1.13389	0.00204104	2.07935	2.07935	0.240543	1.22986	1.22986	0.233743	0.810411	-1.23394
cg11328436	HOTAIR	2.66E-05	0.00629885	0.611296	-1.63587	0.821259	0.969185	-1.0318	0.990414	0.99834	-1.00166	0.0459054	0.728701	-1.3723	0.00170539	0.538123	-1.85831
cg16006349	HOTAIR	0.000132589	0.00238067	2.16823	2.16823	0.013504	0.571964	-1.74836	0.0178941	0.591063	-1.69187	0.0911991	1.40484	1.40484	0.00723726	0.530898	-1.8836
cg20116805	HOTAIR	0.000682967	0.0271275	0.412149	-2.42631	0.000679662	0.172107	-5.81033	0.0014366	0.209795	-4.76657	0.0707806	0.504518	-1.98209	0.00113456	0.197383	-5.0663
cg24895871	HOTAIR	0.000807536	0.00114963	0.158631	-6.30392	0.000569835	0.127931	-7.81673	0.0048734	0.23738	-4.21266	0.00993397	0.285129	-3.50719	0.000425356	0.116455	-8.58698
cg02665037	HOTAIR	0.000904945	?	?	?	0.00149879	0.155447	-6.43307	0.0116979	0.277671	-3.60138	0.180748	0.560994	-1.78255	0.00244626	0.180003	-5.55547
cg05516489	HOTAIR	0.00255162	0.000585876	4.87044	4.87044	0.518986	0.823005	-1.21506	0.456466	0.797745	-1.25353	0.542289	0.832117	-1.20175	0.00997435	0.379282	-2.63656
cg02371798	HOTAIR	0.00666255	0.0126768	0.30088	-3.32359	0.00528113	0.240383	-4.16004	0.0143725	0.310441	-3.22123	0.204968	0.595447	-1.67941	0.0208947	0.340426	-2.9375
cg18040901	HOTAIR	0.00687195	0.462256	0.782814	-1.27744	0.933534	0.973076	-1.02767	0.46774	0.785241	-1.27349	0.0956417	1.82016	1.82016	0.00205141	0.241403	-4.14246
cg00079219	HOTAIR	0.0197691	0.223097	0.652887	-1.53166	0.568727	1.21148	1.21148	0.668582	1.15422	1.15422	0.381409	0.741566	-1.3485	0.20906	0.643403	-1.55424
cg14691529	HOTAIR	0.0257233	0.0268782	0.190863	-5.23936	0.919291	0.937974	-1.06613	0.106373	3.04655	3.04655	0.0153075	6.55979	6.55979	0.404873	0.58366	-1.71333
cg06622953	HOTAIR	0.0375986	0.384441	0.803461	-1.24462	0.00257791	0.3587	-2.78784	0.214483	1.37807	1.37807	0.406945	1.23142	1.23142	0.0685981	0.606401	-1.64907
cg15731655	HOTAIR	0.0411075	0.389097	0.586859	-1.70399	0.196882	0.438737	-2.27927	0.175421	0.418917	-2.38711	0.45374	1.58541	1.58541	0.271771	0.501169	-1.99533
cg18824990	HOTAIR	0.0433145	0.0952729	0.504461	-1.98231	0.405341	0.727719	-1.37416	0.466825	1.31842	1.31842	0.12892	0.541947	-1.8452	0.012873	0.315694	-3.16762
cg06850442	HOTAIR	0.0492167	0.153041	1.58431	1.58431	0.0260073	0.4518	-2.21337	0.13899	0.619468	-1.61429	0.241868	0.691867	-1.44536	0.0455332	0.501785	-1.99288
cg15864691	HOXA10	7.63E-06	0.865607	0.955551	-1.04652	0.0728448	0.58443	-1.71107	0.000137946	0.170522	-5.86433	0.00219137	0.315679	-3.16777	9.73E-07	0.0313919	-31.8554
cg09636715	HOXA10	0.00167022	0.566004	1.36954	1.36954	0.373042	0.609156	-1.64162	0.0168555	0.205875	-4.85732	0.0633771	0.322502	-3.10075	0.000308076	0.0417892	-23.9296
cg01078824	HOXA10	0.0226168	0.192221	1.48355	1.48355	0.203482	0.681426	-1.46751	0.585033	1.17066	1.17066	0.206766	0.683522	-1.46301	0.144789	0.639199	-1.56446
cg13703049	HOXA10;HOXA10	5.13E-07	2.65E-06	8.19803	8.19803	0.0375473	1.56637	1.56637	1.84E-05	5.07331	5.07331	0.0583929	1.48847	1.48847	0.525694	0.887283	-1.12704
cg16967880	HOXA10;HOXA10	4.07E-06	1.42E-07	10.266	10.266	0.000764091	2.05145	2.05145	0.0318878	1.42532	1.42532	0.0723481	0.753818	-1.32658	0.743533	0.954786	-1.04736
cg26551975	HOXA10;HOXA10	0.000172194	0.00256568	0.604842	-1.65333	0.454787	1.09586	1.09586	0.00517402	1.55867	1.55867	0.0447547	0.758043	-1.31919	0.00109238	0.560311	-1.78472
cg17047659	HOXA10;HOXA10	0.000184916	0.00936792	0.634199	-1.57679	9.25E-05	0.381187	-2.62338	0.944627	0.990445	-1.00965	0.0129887	1.5312	1.5312	0.0329252	0.708358	-1.41172
cg01397139	HOXA10;HOXA10	0.000500439	0.0730823	1.3426	1.3426	0.534361	0.911428	-1.09718	0.012623	1.57936	1.57936	0.000818948	2.10282	2.10282	0.977154	0.995789	-1.00423
cg05490659	HOXA10;HOXA10	0.00367167	0.0239421	2.08091	2.08091	0.122194	0.634028	-1.57722	0.437178	0.806062	-1.2406	0.042719	0.530175	-1.88617	0.00996086	0.412579	-2.42378
cg00870179	HOXA10;HOXA10	0.0062809	0.455921	0.92952	-1.07582	0.177429	1.14793	1.14793	0.162611	0.866343	-1.15428	0.701455	1.03777	1.03777	0.599674	1.0523	1.0523
cg03987115	HOXA10;HOXA10	0.00692698	0.122067	0.83917	-1.19165	0.00811663	1.42564	1.42564	0.0063214	1.45071	1.45071	0.121384	0.838856	-1.1921	0.0449882	0.786063	-1.27216
cg21172377	HOXA10;HOXA10	0.0108492	0.00796909	5.05236	5.05236	0.0083005	4.98796	4.98796	0.0162344	4.05516	4.05516	0.848877	1.0951	1.0951	0.0958939	0.418565	-2.38911
cg16857858	HOXA10;HOXA10	0.01997	0.0837677	7.79604	7.79604	0.469072	2.2044	2.2044	0.195305	4.34867	4.34867	0.100978	6.87253	6.87253	0.544836	0.518065	-1.93026
cg08938793	HOXA10;HOXA10	0.0248076	0.0323599	0.49819	-2.00727	0.227857	0.703272	-1.42193	0.308931	0.746143	-1.34022	0.34726	0.764034	-1.30884	0.339346	1.31504	1.31504
cg19351701	HOXA10;HOXA10	0.0266014	0.275521	0.880085	-1.13625	0.0883178	1.23584	1.23584	0.703661	1.04397	1.04397	0.0476978	0.774938	-1.29043	0.193167	0.856362	-1.16773
cg14649140	HOXA10;HOXA10	0.0384283	0.101837	2.92192	2.92192	0.214845	2.18533	2.18533	0.608319	1.36272	1.36272	0.705773	0.796847	-1.25495	0.201541	0.445964	-2.24233
cg18243072	HOXA10;HOXA10;HOXA10	0.00020389	0.000131421	5.54587	5.54587	0.654723	1.12322	1.12322	0.00829448	2.3898	2.3898	0.0322755	1.91019	1.91019	0.832285	0.946728	-1.05627
cg05516617	HOXA11	4.38E-05	0.00401662	0.46677	-2.14238	3.02E-05	0.200183	-4.99543	0.003331	0.454894	-2.19831	0.000599114	0.352113	-2.84	6.35E-05	0.234464	-4.26504
cg04709357	HOXA11	0.000118658	0.324445	1.1235	1.1235	0.421791	0.910365	-1.09846	0.318788	0.888773	-1.12515	3.59E-06	3.46824	3.46824	0.0804636	0.801008	-1.24843

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10332715	0.0738423	0.385246	-2.59575	0.00804152	0.196821	-5.08076	0.178722	1.9816	1.9816	0.128164	0.455059	-2.19752	3.50618	12.7261	3.22634	1
cg17833303	0.10027	1.36901	1.36901	0.135149	0.755079	-1.32436	0.795095	1.04644	1.04644	0.174221	1.28676	1.28676	3.47753	1.67573	0.428333	1
cg01220651	0.45477	0.865128	-1.1559	0.00563373	0.500876	-1.9965	0.744869	1.0641	1.0641	0.707946	1.07423	1.07423	3.42381	1.9634	0.509738	1
cg03047121	0.479178	0.724016	-1.38119	0.798831	0.891681	-1.12148	0.528281	1.33219	1.33219	0.137507	2.05036	2.05036	5.19677	14.7436	2.83707	1
cg13668129	0.241265	1.32576	1.32576	0.157683	0.706599	-1.41523	0.0925002	0.653371	-1.53052	0.187431	0.725303	-1.37873	4.76749	3.99009	0.743944	1
cg20964856	0.0397193	0.665474	-1.50269	0.000251228	0.355568	-2.8124	0.0955392	0.730817	-1.36833	0.118489	0.748079	-1.33676	9.29184	4.31617	0.4129	1
cg01338474	0.106957	1.29084	1.29084	3.91E-07	0.12185	-8.20678	0.549973	1.09171	1.09171	0.815415	0.966645	-1.03451	39.959	13.3186	0.296272	1
cg26384602	0.0115701	0.608589	-1.64314	1.11E-05	0.229904	-4.34965	0.000767672	0.448713	-2.22859	0.00505278	0.558141	-1.79166	24.9623	9.78088	0.34829	1
cg01518977	0.348596	1.07718	1.07718	9.65E-06	0.479983	-2.08341	0.919887	0.992279	-1.00778	0.132159	0.882328	-1.13337	14.812	1.39244	0.0835624	1
cg24870050	0.169982	1.29204	1.29204	0.682017	1.07489	1.07489	0.872914	1.02846	1.02846	0.178627	0.778414	-1.28466	12.2227	5.94872	0.432618	1
cg14319569	0.94629	1.02452	1.02452	5.18E-05	0.0656963	-15.2216	0.888927	1.05153	1.05153	0.10772	1.87971	1.87971	11.3579	23.2539	1.81989	1
cg22840076	0.367711	1.28878	1.28878	0.000728424	0.244514	-4.08974	0.42215	1.2521	1.2521	0.0010496	0.264631	-3.77885	10.4556	12.4491	1.05837	1
cg03301189	0.0694487	0.528771	-1.89118	0.00436582	0.302788	-3.30264	0.269899	0.697343	-1.43401	0.06506	0.522069	-1.91546	9.64225	15.0346	1.38599	1
cg26936188	0.0161998	0.746906	-1.33886	0.190285	1.14755	1.14755	0.941778	1.00727	1.00727	0.0677148	1.22515	1.22515	9.27545	1.44621	0.138594	1
cg20969822	0.4066	0.733039	-1.36418	8.63E-05	0.075934	-13.1693	0.601522	1.21256	1.21256	0.0333147	0.402565	-2.48407	8.29403	17.577	1.88376	1
cg15585264	0.625827	0.934179	-1.07046	0.000279847	0.438977	-2.27802	0.18697	1.21386	1.21386	0.156329	1.2338	1.2338	8.03869	2.44409	0.270259	1
cg14250206	?	?	?	?	?	?	0.897056	0.95377	-1.04847	?	?	?	10.4384	11.6913	1.34404	1
ch.19.1348515F	0.555891	0.926255	-1.07962	0.705129	1.0501	1.0501	0.0985982	1.26229	1.26229	0.0902999	1.2713	1.2713	6.55198	1.71608	0.232816	1
cg13596036	0.0292896	0.473922	-2.11005	0.0242233	0.457811	-2.18431	0.00311791	3.24016	3.24016	0.746989	0.910163	-1.0987	5.26222	7.04794	1.19053	1
cg12946660	0.0347344	0.341448	-2.9287	0.269441	1.63735	1.63735	0.387936	1.46004	1.46004	0.0928835	2.22462	2.22462	4.87055	13.7095	2.18928	1
cg05896295	0.0595565	0.492368	-2.031	0.00486014	0.288177	-3.47009	0.706253	0.881473	-1.13447	0.0982511	0.546482	-1.82989	4.0618	7.14217	1.563	1
cg13085065	0.394294	1.18009	1.18009	0.532604	1.12744	1.12744	0.423409	1.16786	1.16786	0.470454	1.14952	1.14952	3.43807	1.96113	0.507037	1
cg14903727	0.13627	0.742067	-1.34759	2.59E-05	0.212579	-4.70414	0.903631	0.977742	-1.02276	0.00872679	0.537428	-1.86071	14.0573	7.68867	0.486181	1
cg03347015	0.353287	1.28254	1.28254	0.419017	1.24004	1.24004	0.0079499	2.42694	2.42694	0.300771	1.32228	1.32228	8.07801	8.68482	0.955662	1
cg17180607	0.0820924	1.97648	1.97648	0.381466	1.36841	1.36841	0.0197208	0.364123	-2.74632	0.202732	1.60318	1.60318	4.79615	9.00897	1.46096	1
cg05754589	0.265425	1.25492	1.25492	0.341415	0.825464	-1.21144	0.710474	1.07568	1.07568	0.758039	1.06232	1.06232	9.41005	5.70541	0.538942	1
cg04929868	0.119547	0.584401	-1.71115	0.000816717	0.200977	-4.9757	0.15983	1.61227	1.61227	0.0217812	0.416585	-2.40047	8.64839	13.8525	1.42378	1
cg03581621	0.0370697	1.24369	1.24369	0.000735245	0.629983	-1.58734	0.186788	0.881564	-1.13435	0.246766	1.11528	1.11528	5.81361	0.747139	0.114236	1
cg01422416	0.375351	0.826625	-1.20974	0.0673258	1.53578	1.53578	0.446927	0.850249	-1.17613	0.121503	0.703758	-1.42094	10.9827	7.61783	0.61655	1
cg20313856	0.243908	1.52257	1.52257	0.0742057	0.503581	-1.98578	0.19699	1.60052	1.60052	0.0196551	0.378393	-2.64276	5.25173	9.88963	1.67388	1
cg05697101	0.000755572	0.0735075	-13.6041	0.949008	0.967842	-1.03323	0.192602	0.494217	-2.0234	0.462214	1.46594	1.46594	3.69271	15.2761	3.67717	1
cg26990217	0.0967181	0.798715	-1.25201	0.00240781	1.68382	1.68382	4.17E-05	2.61636	2.61636	0.804513	1.03104	1.03104	16.3089	3.92435	0.21389	1
cg04476846	0.0179325	0.538912	-1.85559	0.00136242	0.36823	-2.71569	0.0644909	1.56263	1.56263	0.698269	1.08733	1.08733	10.4921	7.67545	0.650262	1
cg26983544	0.0992666	1.48344	1.48344	0.0222964	0.550062	-1.81798	0.243973	1.30479	1.30479	0.675713	0.912272	-1.09616	6.89974	5.20485	0.670537	1
cg26531995	0.0109048	0.371976	-2.68834	0.771662	0.913889	-1.09422	0.154962	1.60162	1.60162	0.330487	1.36443	1.36443	4.29289	6.51072	1.34811	1
cg11116035	0.0435169	0.173188	-5.77408	0.000988642	0.0247851	-40.3469	0.0219177	0.12532	-7.9796	0.255778	0.408161	-2.45001	4.07388	36.8124	8.03217	1
cg14468634	0.247419	0.738801	-1.35354	0.111762	0.648202	-1.54273	0.915947	0.973919	-1.02678	0.00875638	0.433488	-2.30687	4.01243	3.98208	0.882166	1
cg16446012	0.00315811	2.18216	2.18216	0.0166376	1.76064	1.76064	0.0235804	1.68711	1.68711	0.476421	1.15036	1.15036	3.75053	2.223	0.526858	1
cg02071600	0.764711	1.1048	1.1048	0.00279202	0.254541	-3.92864	0.159531	0.607086	-1.64721	0.729418	1.1222	1.1222	4.34182	7.58058	1.55195	1
cg07417708	0.603531	1.1197	1.1197	0.00208346	0.392613	-2.54704	0.536886	0.873767	-1.14447	0.142371	1.4054	1.4054	3.93916	2.90535	0.655605	1
cg09887459	0.382477	1.22806	1.22806	0.0360917	1.74911	1.74911	0.446008	0.836794	-1.19504	0.0517706	0.601879	-1.66146	6.40835	5.33961	0.740646	1
cg19099281	0.507243	0.963691	-1.03768	0.0805295	0.898924	-1.11244	0.000835998	0.75855	-1.31831	0.161827	0.921162	-1.08558	5.56069	0.26614	0.042543	1
cg27418217	0.195606	2.03724	2.03724	0.0623264	2.9768	2.9768	0.515845	1.40852	1.40852	0.770774	0.859079	-1.16404	3.63696	15.5699	3.80536	1
cg13883984	0.0718518	0.68618	-1.45734	0.0269081	0.611916	-1.63421	0.780075	0.948893	-1.05386	0.137908	0.741262	-1.34905	3.43124	1.90866	0.494452	1
cg11601336	0.0112407	0.288839	-3.46214	0.00230186	0.189061	-5.28929	0.002979	0.203238	-4.92034	0.0477821	0.412729	-2.4229	7.47392	18.0982	2.15245	1
cg16899036	0.0690378	0.584758	-1.71011	0.00388171	0.358561	-2.78892	0.00073004	0.25813	-3.87402	0.0081223	0.409126	-2.44423	7.23401	7.96883	0.979181	1
cg19234705	0.0106479	0.710574	-1.40731	5.38E-05	0.448672	-2.2288	0.587455	0.943381	-1.06002	0.114306	0.832966	-1.20053	9.90071	1.77525	0.159382	1
cg19788957	0.00398118	1.55021	1.55021	0.00069804	1.79602	1.79602	0.937347	0.991137	-1.00894	0.807586	0.972748	-1.02802	7.83582	1.59132	0.180518	1
cg11300838	0.638154	0.938912	-1.06506	0.220514	1.18697	1.18697	0.642565	0.939699	-1.06417	0.0196249	0.687173	-1.45524	5.06953	1.42176	0.249291	1
cg19696388	0.10864	0.502089	-1.99168	0.613402	1.22211	1.22211	0.514193	0.770707	-1.29751	0.502352	0.764878	-1.3074	3.88063	9.52719	2.18228	1
cg02592062	0.119425	0.604713	-1.65368	0.00980247	0.378338	-2.64314	0.0106814	0.384698	-2.59944	0.854357	1.05622	1.05622	3.67428	5.15644	1.24746	1
cg18439323	0.805873	0.943925	-1.05941	0.559732	0.870899	-1.14824	0.122641	0.675661	-1.48003	0.416757	0.823235	-1.21472	15.2803	13.2935	0.773316	1
cg10274099	0.00617704	0.217737	-4.59269	0.0796736	2.29392	2.29392	0.147647	0.515241	-1.94084	0.798942	1.11511	1.11511	3.95366	11.4094	2.56513	1
cg07447157	0.998429	1.00036	1.00036	0.843615	0.964366	-1.03695	0.0840463	0.703855	-1.42075	0.65488	0.92067	-1.08617	3.7089	1.98247	0.475127	1
cg23996071	0.0843897	1.92752	1.92752	0.00020566	8.47861	8.47861	5.95E-05	12.8401	12.8401	0.151788	1.69527	1.69527	11.8101	22.1019	1.66349	1
cg08231348	?	?	?	0.150808	2.73657	2.73657	0.000303105	61.6934	61.6934	0.796482	0.846006	-1.18203	7.7683	39.1946	5.04545	1
cg03897136	0.391055	1.133	1.133	0.200124	1.21204	1.21204	0.00896175	1.60365	1.60365	0.0160913	1.51967	1.51967	4.97873	1.59186	0.284206	1
cg08653112	0.988535	1.0042	1.0042	0.955009	1.01661	1.01661	0.887251	1.04228	1.04228	0.535457	0.832604	-1.20105	4.85258	6.54931	1.19969	1
cg15900248	0.27418	2.24016	2.24016	0.0242078	6.71763	6.71763	0.00140196	26.5684	26.5684	0.249554	2.34673	2.34673	4.51158	35.9028	7.07371	1
cg11792516	0.614574	1.33006	1.33006	0.121206	0.389105	-2.57	0.000731475	17.8807	17.8807	0.520747	1.44147	1.44147	4.27684	21.3741	4.44234	1
cg07836257	0.331035	1.16667	1.16667	0.0345743	1.46049	1.46049	0.000569847	2.271	2.271	0.66456	1.06936	1.06936	4.11825	1.54089	0.332587	1
cg18348836	0.913285	1.04835	1.04835	0.0496204	0.378726	-2.64043	0.964346	0.98081	-1.01957	0.364954	0.667949	-1.49712	3.517	10.4673	2.64552	1
cg07248310	0.81844	0.917836	-1.08952	0.965355	1.01633	1.01633	8.74E-05	13.7763	13.7763	0.817544	1.08999	1.08999	7.13442	15.7102	1.95735	1
cg12534390	0.439724	0.827715	-1.20815	0.000107821	0.19433	-5.1459	0.10596	1.5276	1.5276	0.20121	0.72333	-1.38249	14.2919	13.0327	0.810569	1
cg05379127	0.00083811	1.94774	1.94774	0.622172	1.06812	1.06812	0.000196679	2.29424	2.29424	0.0102487	1.53624	1.53624	10.2936	2.86949	0.247791	1
cg00072407	0.0571006	0.744921	-1.34242	0.57008	0.924484	-1.08168	0.661851	0.941572	-1.06205	0.0139371	0.660007	-1.51514	9.84778	2.91884	0.263463	1
cg07484849	0.715257	1.13273	1.13273	0.173606	0.611113	-1.63636	0.127433	0.570814	-1.75188	0.0162409	0.367917	-2.718	7.97331	14.6119	1.62898	1
cg10810394	0.789369	1.12436	1.12436	0.0359234	0.343535	-2.91091	0.0818586	0.429923	-2.326	0.00544329	0.201699	-4.95788	7.6665	23.2734	2.69842	1
cg01632288	0.0211737	2.97807	2.97807	0.000799421	7.34108	7.34108	0.00708401	3.936	3.936	0.843576	1.0809	1.0809	7.52369	18.4761	2.18287	1
cg15683940	0.439505	0.831703	-1.20235	0.699514	0.913334	-1.09489	0.248869	0.754485	-1.32541	0.00425182	0.408915	-2.4455	6.20879	5.37214	0.769109	1
cg09283636	0.224082	0.692093	-1.44489	0.0820317	0.573938	-1.74235	0.114448	0.60973	-1.64007	0.415245	0.786654	-1.27121	4.06676	5.34836	1.16901	1
cg02723142	0.946932	1.00839	1.00839	0.205289	0.845581	-1.18262	0.2022	1.18413	1.18413	0.53815	1.08138	1.08138	3.55658	0.887398	0.221786	1
cg14890631	0.0403266	1.33574	1.33574	0.00102255	1.81314	1.81314	0.173939	1.19338	1.19338	0.171144	1.19493	1.19493	7.52008	1.77902	0.210284	1
cg22561380	0.695868	0.948038	-1.05481	0.000318311	2.20734	2.20734	0.246643	1.17887	1.17887	0.0636222	0.753327	-1.32745	6.52954	1.90799	0.259741	1
cg05966149	0.0078017	0.433794	-2.30524	0.269923	0.75509	-1.32435	0.980058	1.00613	1.00613	0.0509287	0.580568	-1.72245	4.7116	4.46201	0.841801	1
ch.8.1022548F	0.198215	0.783354	-1.27656	0.00936027	0.553374	-1.80709	0.970138	1.00674	1.00674	0.409566	0.859472	-1.1635	4.24683	2.16855	0.453892	1
cg09642739	0.988142	1.00307	1.00307	0.116919	0.704117	-1.42022	0.00602683	0.477601	-2.0938	0.711515	0.926346	-1.07951	4.00488	2.69065	0.597194	1
cg10355174	0.00331823	1.7999	1.7999	0.00109541	0.492738	-2.02947	0.869835	0.976184	-1.0244	0.786953	1.04062	1.04062	9.77586	3.34475	0.304127	1
cg00741600	0.767544	1.04605	1.04605	0.000919078	2.1215	2.1215	0.00165334	1.98159	1.98159	0.000898325	2.1273	2.1273	8.45476	3.08864	0.324723	1
cg27043582	0.0164629	1.40199	1.40199	0.00944291	1.4612	1.4612	0.000661192	1.82437	1.82437	0.00111035	1.74014	1.74014	7.91826	1.66685	0.187118	1
cg25456368	0.0134433	0.322613	-3.09969	0.0023605	0.208477	-4.7967	0.0363844	2.45762	2.45762	0.809485	1.09339	1.09339	4.98166	10.7807	1.92363	1
cg09853371	1.78E-06	5.31106	5.31106	0.0790422	0.760973	-1.31411	0.351077	1.14389	1.14389	0.345359	1.14584	1.14584	19.7666	6.14283	0.276239	1
cg00935819	0.0165933	0.342288	-2.92151	0.00172349	0.194228	-5.1486	0.694485	0.865327	-1.15563	0.0280231	0.386343	-2.58837	9.05114	19.2478	1.89028	1
cg22823121	0.742555	1.14393	1.14393	0.00489799	0.218456	-4.57759	0.868557	0.934662	-1.06991	0.572945	0.792642	-1.2616	5.18273	13.6614	2.34306	1
cg04725313	0.964653	0.991307	-1.00877	0.16308	1.34089	1.34089	0.591285	0.898702	-1.11272	0.150871	0.738359	-1.35436	4.51833	2.77806	0.546525	1
cg05125051	0.291095	0.867223	-1.15311	0.0244702	1.417	1.417	0.888489	1.01841	1.01841	0.594216	0.932467	-1.07242	3.39238	0.90851	0.238052	1
cg09059988	0.329601	1.17458	1.17458	0.109956	1.32135	1.32135	0.170531	1.26292	1.26292	0.513133	1.1119	1.1119	4.3958	1.78076	0.360094	1
cg24211826	0.0254167	1.53109	1.53109	0.00214038	1.99683	1.99683	0.0555967	1.416	1.416	0.265633	1.20444	1.20444	15.3418	6.2478	0.361991	1
cg17632937	0.157876	0.806503	-1.23992	0.011207	0.635969	-1.5724	0.0116451	0.638225	-1.56685	0.0307545	1.43528	1.43528	11.0061	3.5356	0.285547	1
cg10195901	0.544781	0.875753	-1.14187	0.00644585	0.464478	-2.15295	0.0978885	0.675003	-1.48147	0.141037	0.709873	-1.4087	10.7319	7.96343	0.659588	1
cg15209808	0.506531	1.20894	1.20894	0.0856503	0.585749	-1.70722	0.0380449	0.508112	-1.96807	0.486615	0.819538	-1.2202	7.63535	9.58542	1.11591	1
cg21843594	0.662859	0.874904	-1.14298	0.00775268	0.352827	-2.83425	0.0399349	0.485086	-2.06149	0.591957	1.1792	1.1792	7.51299	11.0433	1.30657	1
cg14509403	0.622503	0.814627	-1.22755	0.04082	0.376998	-2.65254	0.126602	0.505218	-1.97934	0.805943	1.10705	1.10705	5.43188	14.6861	2.40328	1
cg04046669	0.11512	4.30902	4.30902	0.966831	0.965166	-1.03609	0.908548	0.906668	-1.10294	0.0544336	6.42845	6.42845	3.77306	43.4435	10.2348	1
cg23268208	0.339808	1.25912	1.25912	0.0137487	0.489976	-2.04092	0.0350848	0.562694	-1.77716	0.977674	1.00658	1.00658	3.47766	3.02118	0.772211	1
cg01141459	0.370377	0.856507	-1.16753	0.0182292	0.617174	-1.62029	0.303722	0.835796	-1.19646	0.186289	0.78983	-1.26609	4.50432	2.02274	0.39917	1
cg11328436	0.00117442	0.517549	-1.93219	4.60E-05	0.344769	-2.90049	3.41E-06	4.54112	4.54112	0.00536013	0.602147	-1.66072	31.4486	9.52936	0.269346	1
cg16006349	0.0261785	0.617538	-1.61933	0.0572544	1.48144	1.48144	7.93E-06	5.97316	5.97316	0.664559	1.08298	1.08298	20.5275	10.8542	0.470013	1
cg20116805	0.0171752	0.373806	-2.67519	0.000352491	0.142936	-6.99615	0.00126571	0.203073	-4.92433	0.000234397	0.126556	-7.90167	13.101	23.8261	1.61657	1
cg24895871	0.0389012	0.398001	-2.51256	0.0010517	0.154481	-6.47329	0.00141424	0.168587	-5.93166	0.000985917	0.151517	-6.5999	12.4991	29.392	2.09026	1
cg02665037	0.00400031	0.207353	-4.82268	8.68E-05	0.0570493	-17.5287	0.00517847	0.22287	-4.48692	0.00457163	0.215274	-4.64524	12.3923	28.8623	2.32906	1
cg05516489	0.591034	0.850765	-1.17541	0.150288	0.631641	-1.58318	0.00228567	3.56351	3.56351	0.0158563	2.41177	2.41177	8.97785	12.6226	1.24975	1
cg02371798	0.0408151	0.400403	-2.49749	0.00046465	0.118321	-8.45159	0.011131	0.291226	-3.43376	0.181158	0.576758	-1.73383	6.71765	15.9879	2.11554	1
cg18040901	0.668248	0.868433	-1.1515	0.0828252	0.533399	-1.87477	0.00106703	4.86609	4.86609	0.727803	1.12112	1.12112	6.65329	11.2815	1.50722	1
cg00079219	0.316223	0.70815	-1.41213	0.122919	0.573133	-1.7448	0.000649164	5.70754	5.70754	0.941975	0.976048	-1.02454	4.72315	8.29707	1.56149	1
cg14691529	0.0829603	0.297345	-3.3631	0.0209349	0.172837	-5.78578	0.773627	1.19986	1.19986	0.104086	0.3254	-3.07314	4.31416	27.2722	5.61917	1
cg06622953	0.236263	0.737463	-1.356	0.10134	0.643902	-1.55303	0.189967	0.711315	-1.40585	0.0602626	0.594522	-1.68202	3.76773	3.59315	0.847702	1
cg15731655	0.569537	1.41494	1.41494	0.00309451	0.0867817	-11.5232	0.0536804	3.75467	3.75467	0.400554	1.68135	1.68135	3.6462	21.0564	5.13324	1
cg18824990	0.0604161	0.453604	-2.20457	0.0821684	0.487267	-2.05226	0.0373401	2.46483	2.46483	0.283684	0.6598	-1.51561	3.57614	7.89393	1.96212	1
cg06850442	0.129129	0.610719	-1.63741	0.00866902	0.365632	-2.73499	0.862978	0.949381	-1.05332	0.115506	0.597785	-1.67284	3.40851	4.88158	1.27304	1
cg15864691	1.05E-05	0.0797004	-12.547	2.41E-06	0.0461819	-21.6535	0.00175314	0.302094	-3.31023	0.00010669	0.15956	-6.26722	43.5211	49.6625	1.01432	1
cg09636715	0.00298648	0.10994	-9.09586	0.000352363	0.0445157	-22.464	0.0115639	0.180581	-5.53767	0.00767443	0.156106	-6.40592	10.1596	47.2749	4.13621	1
cg01078824	0.376353	1.29618	1.29618	0.0184772	0.441954	-2.26268	0.00284706	3.2338	3.2338	0.617543	0.866012	-1.15472	4.51088	5.83383	1.14958	1
cg13703049	0.689684	1.0775	1.0775	0.00399244	0.486929	-2.05369	1.13E-08	69.4199	69.4199	0.0495045	0.659139	-1.51713	86.9226	47.6153	0.486924	1
cg16967880	0.0145763	1.52805	1.52805	0.0668069	0.748561	-1.3359	2.12E-06	5.16224	5.16224	0.244054	1.18739	1.18739	51.1773	16.0981	0.279605	1
cg26551975	0.23654	1.16082	1.16082	7.62E-06	0.306569	-3.26191	0.424317	0.906549	-1.10308	0.615034	1.06287	1.06287	19.131	4.38045	0.203531	1
cg17047659	0.000255849	0.435063	-2.29852	0.00544573	0.603281	-1.6576	0.000640397	2.06343	2.06343	0.0394596	0.719474	-1.38991	18.7656	5.67741	0.268927	1
cg01397139	0.481541	1.11119	1.11119	0.012596	0.633039	-1.57968	2.10E-05	3.54017	3.54017	0.421767	1.12856	1.12856	14.287	4.91471	0.305775	1
cg05490659	0.11127	0.62383	-1.603	0.00802877	0.396976	-2.51905	0.00135605	3.54457	3.54457	0.757336	1.08796	1.08796	8.05736	9.44203	1.04165	1
cg00870179	0.223619	0.884209	-1.13095	0.0296861	0.781661	-1.27933	0.000383354	1.72566	1.72566	0.0211368	1.30584	1.30584	6.8417	1.0038	0.130416	1
cg03987115	0.740523	1.03538	1.03538	0.00685707	0.693261	-1.44246	0.126939	1.18854	1.18854	0.552408	1.06491	1.06491	6.63678	1.15073	0.154121	1
cg21172377	0.294072	0.595544	-1.67914	0.456561	0.696909	-1.43491	0.00630582	5.44224	5.44224	0.741645	1.17064	1.17064	5.75806	20.6827	3.19285	1
cg16857858	0.728095	1.45432	1.45432	0.00160008	0.007762	-128.833	0.0327079	14.6084	14.6084	0.841156	1.24028	1.24028	4.70696	85.8479	16.212	1
cg08938793	0.718548	1.10589	1.10589	0.142875	0.645374	-1.54949	0.00185934	3.41455	3.41455	0.587638	1.16446	1.16446	4.36895	5.35118	1.08873	1
cg19351701	0.415003	0.910446	-1.09836	0.0321468	0.753823	-1.32657	0.114805	1.21301	1.21301	0.0100329	1.4419	1.4419	4.26383	0.856246	0.178503	1
cg14649140	0.280369	0.510765	-1.95785	0.514485	0.673152	-1.48555	0.00159321	15.0696	15.0696	0.744748	0.822343	-1.21604	3.73777	21.2214	5.04671	1
cg18243072	0.586348	0.867767	-1.15238	0.0211016	0.488725	-2.04614	1.05E-05	11.3903	11.3903	0.981939	0.994174	-1.00586	18.2754	19.2874	0.938111	1
cg05516617	0.00373147	0.462081	-2.16412	9.79E-06	0.153442	-6.51713	2.38E-05	0.189794	-5.26887	0.000987926	0.380972	-2.62486	27.5733	16.9681	0.547007	1
cg04709357	0.0791898	1.24985	1.24985	0.108536	0.818461	-1.22181	0.000476782	1.87314	1.87314	0.00268609	1.60765	1.60765	21.1488	4.38659	0.18437	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047)	p-value(105T vs. N)	Fold-Change(105 vs. 057)	p-value(1117 vs. N)	Fold-Change(1 vs. 117)	p-value(111T vs. N)	Fold-Change(1 vs. 111)	p-value(1127 vs. N)	Fold-Change(1 vs. 127)	p-value(121T vs. N)	Fold-Change(1 vs. 121)	p-value(137 vs. N)	Fold-Change(1 vs. 137)	p-value(347 vs. N)	Fold-Change(3 vs. 47)	p-value(353 vs. N)	Fold-Change(3 vs. 53)	p-value(537 vs. N)	Fold-Change(5 vs. 37)	p-value(537T vs. N)	Fold-Change(5 vs. 37)	p-value(5637 vs. N)	Fold-Change(5 vs. 63)	T(Test)	SS(Test)	SS(Error)	F(Error
cg26464446	HOXA11	0.00107944	0.0159428	2.1649408	-2.86198	2.0044728	2.25124	-1.85915	0.1143081	0.54203	-1.84492	0.0301602	0.4031389	-2.48023	0.00103395	0.176991	-5.65001	0.00409567	0.0159509	-3.94464	0.00031689	0.0953172	-10.4913	0.00078106	0.1638898	-6.02135	0.002436	0.222426	-4.49589	11.5139	23.1486	1.78711	1
cg03767515	HOXA11	0.0250462	0.0514043	0.598041	-1.67213	0.651964	1.11098	1.110198	0.326118	1.26492	1.26492	0.4524	0.837404	-1.19417	0.218163	0.740628	1.3502	0.588499	0.881075	-1.13498	0.916905	0.976896	-1.02365	0.000931322	3.14405	3.14405	0.663228	1.1069	1.1069	4.35444	3.70547	0.756414	1
cg08575233	HOXA11;HOXA10	0.00175534	0.0886329	0.484592	-2.06359	0.0090308	0.27801	-3.597	0.0121184	0.299335	-3.34079	0.0332478	0.382941	-2.61137	0.00260912	0.200253	-4.99369	0.00210544	0.188617	-5.30175	0.000113099	0.0751465	-13.6712	0.00670139	0.257593	-3.8821	0.00732156	0.262692	-3.80674	10.0145	23.5946	2.09427	1
cg21447117	HOXA11;HOXA11AS	9.85E-06	?	?	0.0031752	2.2778998	-3.58426	1.92E-05	0.0522487	-19.1392	0.000172172	0.1768	8.11E-06	0.510082	1.2233	1.2233	?	?	4.28E-06	40.329	40.329	0.293357	1.39088	0.812442	58.8108	1.09248	1
cg18977999	HOXA11;HOXA11AS	0.000689347	0.00569434	2.881106	-3.55737	0.0002585619	0.12126	-8.1994	0.00164598	0.20659	-4.84051	0.042621	0.441002	-2.26756	0.118832	0.55297	-1.80842	0.109031	0.542483	-1.84317	0.00201961	0.217814	-4.59107	0.00170632	4.79532	4.79532	0.0209319	0.378181	-2.64423	13.067	25.3449	1.7241	1
cg24932686	HOXA11;HOXA11AS	0.000699431	0.492798	0.901602	-1.30914	0.9669871	1.00618	1.006618	0.0861739	1.52569	1.52569	0.793129	0.03986	1.31006	0.188986	0.793127	0.9616571	-1.03986	0.989705	0.998095	-1.00331	0.00282281	0.54245	-1.84349	2.02E-05	0.160345	0.00643362	0.73413	-1.36216	13.0139	4.55774	0.313308	1
cg06669276	HOXA11AS	0.00013945	0.4639883	1.08059	1.08059	0.6601322	1.2467	1.2467	0.0578284	1.24985	1.24985	0.777193	0.970929	-1.02994	0.07706339	0.815113	-1.22682	0.156573	0.854208	-1.17067	0.2101	1.14722	1.14722	1.59E-06	3.51724	3.51724	0.0281641	1.30939	1.30939	20.2508	3.46822	0.152234	1
cg06587155	HOXA11AS	0.000216449	0.0073252	0.692088	-1.69501	0.31984	0.861795	-1.1604	0.4212125	1.12602	1.12602	0.308291	0.8504472	-1.16486	0.70238	1.057213	1.05713	0.662208	0.938384	-1.06556	0.368747	1.14293	1.14293	3.11E-06	4.56566	4.56566	0.1285111	1.26839	1.26839	17.9813	5.96391	0.29482	1
cg00418216	HOXA11AS	0.000229166	0.151533	0.704727	-1.41899	0.159805	1.40785	1.407854	0.515395	1.66207	1.66207	0.125077	0.746324	-1.3399	0.0422087	0.586869	-1.70396	0.225148	0.74631	-1.33993	0.138356	0.695347	-1.43813	3.47E-06	12.0178	12.0178	0.604733	1.887585	-1.12627	17.7045	54.4422	3.730122	1
cg22772418	HOXA11AS	0.000717342	0.00210662	0.552962	-1.80844	0.4743111	1.10483	1.10483	0.389691	0.88624	-1.12836	0.00143327	0.531726	-1.88067	0.362085	1.13695	1.13695	0.000546658	2.08719	2.08719	0.00119478	0.521735	-1.91668	0.2810466	0.8576097	-1.16591	0.03888866	1.38765	1.38765	12.922	3.8416	0.26426	1
cg30994254	HOXA11AS	0.00744761	0.157857	1.3991	1.3991	0.0104052	0.2133	-4.6885	0.0179	0.69001	0.6514207	0.6003	0.8603	1.21366	0.1388534	1.21366	1.21366	0.9958252	1.00416	1.00416	0.9958252	1.00416	1.16712	0.0039345	1.71948	1.71948	0.1806171	1.03016	1.84824	2.77851	3.880656	1
cg12147488	HOXA11AS	0.0135384	0.109057	0.67038	-1.49169	0.689337	1.09632	1.096324	0.279896	1.29133	1.29133	0.354902	0.804306	-1.24331	0.065659	0.623293	-1.60438	0.380778	1.22843	1.22843	0.0214454	0.531329	-1.88207	0.00134308	2.90454	2.90454	0.335144	1.2554	1.2554	5.35853	4.44455	0.737275	1
cg10767141	HOXA11AS	1.08E-07	0.0044445	0.650237	-1.44503	0.0098267	0.704885	-1.41871	0.0018778	1.59949	1.59949	5.43E-07	3.85394	3.853394	0.000234576	0.553742	-1.79394	9.30E-05	0.508532	1.96648	0.0011614	0.128245	-1.58836	4.79E-09	11.2483	11.2483	0.042496	0.7936653	-1.02158	12.9818	19.2075	0.519436	1
cg14785681	HOXA11AS	2.05E-07	0.40104	0.912014	-1.09647	0.9493217	1.09337	1.093373	0.10683	1.36694	1.36694	1.11041	0.00167734	1.61824	1.618324	0.310915	1.11889	1.11889	0.567173	0.939908	-1.06393	0.000104166	0.4794442	-2.08576	2.01E-09	20.9042	20.9042	0.0394107	1.20087	-2.09387	109.687	19.9441	0.161625	1
cg09219451	HOXA11AS	2.44E-07	0.00303005	0.624106	-1.60229	0.575235	1.0679	1.0679	0.478534	1.08719	1.08719	0.030826	0.745095	-1.34211	0.745875	1.03845	1.03845	0.088275	0.803933	-1.24389	0.0848142	0.801596	-1.24751	2.20E-09	25.9162	25.9162	0.0190275	1.39014	-1.39014	104.976	22.1849	0.189545	1
cg03785696	HOXA11AS	6.93E-07	0.0152445	0.809964	-1.54972	0.3962	1.32626	1.326265	0.0229227	1.08228	1.08228	0.0772191	0.778837	-1.28397	0.00172274	0.453381	-2.20604	0.0980568	0.998095	-1.00191	0.00282281	0.54245	-1.84349	2.02E-05	0.160345	0.643362	0.73413	-1.36216	13.0139	4.55774	0.313308	1
cg06439603	HOXA11AS	8.83E-06	0.0116628	0.737309	-2.67588	0.330944	0.731074	-1.36785	0.861436	1.05607	1.05607	0.219398	0.668123	-1.49673	0.00140818	0.236049	-4.23641	0.488178	1.24596	1.24596	0.127834	1.67208	1.67208	1.32E-07	182.869	182.869	0.00684745	2.98257	2.98257	41.9038	64.7099	1.37267	1
cg24709033	HOXA11AS	1.62E-05	0.00208577	3.21275	3.212275	0.0139664	0.10169	1.01693	0.00379632	3.08289	3.08289	0.00502779	2.08741	2.08741	0.00108087	0.583983	-2.62403	0.258203	0.791383	-1.26361	0.0077586	0.4313154	-2.4264	1.05E-06	12.5899	12.5899	0.60286	0.900135	-1.10971	35.7808	22.3878	0.553687	1
cg15431344	HOXA11AS	2.55E-05	0.3625358	0.883402	-1.47819	0.1847387	0.8280003	-1.20681	0.3951887	1.12227	1.12227	0.1318149	0.8093883	-1.23551	0.000945691	0.5204447	-1.92142	0.0734909	0.767706	-1.30258	0.00760438	0.6194637	-1.5757	5.34E-07	6.537512	6.537512	0.117962	1.77562	1.77562	8.63182	4.2407051	1
cg28210084	HOXA11AS	2.70E-05	0.0377471	0.627379	-1.59393	0.727992	0.934679	-1.06989	0.112458	1.39699	1.39699	4.41E-06	7.73832	7.73832	0.00572384	0.496139	-2.01557	0.459354	1.15691	1.15691	0.00317306	0.4585254	-2.18091	9.54E-06	6.33481	6.33481	0.0128723	1.8176	1.8176	31.3202	18.5674	0.526956	1
cg08883848	HOXA11AS	3.85E-05	0.00404207	3.71913	3.719133	0.0296438	1.22049	1.22049	0.0663552	1.45895	1.45895	0.113178	1.34743	1.347431	0.00902316	0.597312	-1.67377	?	?	?	?	1.56E-06	67.1227	67.1227	0.8938	1.01	0.977646	4.02887	0.96	34.6278	2.2311181	1
cg10657141	HOXA11AS	4.01E-05	0.044073	0.766825	-1.30408	0.0109953	0.693405	-1.44216	0.0302056	0.76441	-1.30975	0.0341144	0.581245	1.28514	0.00166847	0.596898	-1.67533	0.0211969	0.727622	-1.37434	7.95E-05	0.4412202	-2.26654	4.08E-06	3.40859	3.40859	0.903906	0.103196	2.29E-06	58.8716	0.38542	1
cg01729491	HOXA11AS	4.84E-05	0.0180917	0.615005	-1.62574	0.1250103	0.578762	-1.72782	0.0130356	0.65694	-1.52219	0.0002416611	0.170534	2.93104	0.000568556	0.390807	-2.55881	0.451121	1.14649	1.14649	0.0415067	0.6052554	-1.6522	0.00019417	3.52495	3.52495	0.0020591	1.72119	0.436086	1
cg13352750	HOXA11AS	0.00137462	0.999669	0.00017	1.00017	0.901577	1.0535	1.0535	0.980617	1.01029	1.01029	5.51E-05	23.6243	23.6243	0.0203132	0.307752	3.24937	0.0124369	0.26973	-3.70741	0.760389	1.13752	1.13752	1.17E-05	49.958	49.958	0.0572184	2.47499	2.47499	20.3292	57.1335	2.49815	1
cg26857670	HOXA11AS	0.00115895	0.672946	0.923516	-1.08282	0.614013	0.909091	-1.1	0.0670439	0.68049	-1.46918	0.377739	0.843987	-1.13485	0.0170564	0.779605	-1.2827	0.0760942	0.690797	-1.4476	0.00607745	0.5110151	-1.9569	2.93E-06	8.10425	8.10425	0.397981	1.17608	1.17608	19.6171	10.9127	0.494461	1
cg26435572	HOXA11AS	0.000161127	0.375841	1.30145	1.30145	0.3077	1.15817	1.158182	0.642567	1.05343	1.14384	0.0001325	0.588376	1.84384	0.000210807	0.583576	-1.71377	0.0925051	1.00629	1.00629	0.9731784	0.9755103	-1.02511	0.0001724	4.07E-06	20.6048	20.6048	0.1421248	1.26094	-1.26094	25.9253	1.18316	0.216604	1
cg24988255	HOXA11AS	0.00187909	0.0319967	0.614486	-1.62738	0.000224598	3.28612	3.286112	0.460589	1.15673	1.15673	0.649524	0.926356	-1.0795	0.118968	0.720384	-1.38815	0.292121	0.809127	-1.2359	0.0064976	0.5037794	-1.98494	1.31E-05	5.88213	5.88213	0.816516	1.04608	1.04608	18.6842	11.1155	0.528814	1
cg09663170	HOXA11AS	0.00074287	0.307763	0.898478	-1.11597	0.7963227	0.985461	-1.01474	0.8643041	1.05194	1.05194	0.0128701	2.45682	2.45682	0.0125348	0.4422318	-2.27075	0.4016599	1.12426	1.12426	0.0203854	0.6161261	1.5764	1.44E-06	8.7307	8.7307	0.0662139	1.82368	1.82368	19.7258	17.1587	0.119013	1
cg25901381	HOXA11AS	0.00074772	0.144083	0.698968	-1.43068	0.00578015	0.37104	3.17104	0.353699	2.45131	1.24331	0.0828885	1.55	1.55	0.406001	0.821715	-1.21697	0.45319	0.899965	1.19053	0.372406	0.811398	-1.23244	2.71E-05	6.62281	6.62281	0.480928	1.17763	1.17763	12.7725	10.5363	0.733262	1
cg05977669	HOXA11AS	0.00099932	0.0574699	2.22836	2.22836	0.00792833	3.55992	3.55992	0.00700462	3.67091	3.67091	0.0159819	3.00425	3.00425	0.205132	0.60741	-1.64633	0.2374671	1.58649	1.58649	0.124228	0.537528	-1.86037	3.11E-05	20.7047	20.7047	0.5215332	1.27416	1.27416	17.6788	25.9222	1.95789	1
cg15916646	HOXA11AS	0.00102645	0.0404207	3.33865	3.338651	0.0369423	3.73679	3.73679	0.0265453	3.84143	3.84143	-1.13447	0.00202562	2.20382	0.0011506	0.454111	-2.24561	0.0500928	0.53247	-1.87884	0.336331	1.3227	1.3227	0.00030724	6.87279	6.87279	0.1502199	1.22183	1.61797	34.7228	11.1248	0.320268	1
cg05311410	HOXA11AS	0.00261411	0.616198	1.25647	1.256471	0.217041	1.79812	1.79812	0.961755	1.01958	1.01958	0.184847	1.88759	1.887593	0.0159504	0.539731	-1.72939	0.3113136	1.62008	1.62008	?	?	2.96E-05	40.281	40.281	0.38058	1.50126	1.50126	9.11459	26.186	2.87297	1
cg09485793	HOXA11AS	0.00262018	0.0144007	1.58004	1.580041	0.0125033	1.84213	1.842133	0.0151209	1.95684	1.95684	0.0144873	2.01543	2.015431	0.0152205	0.550393	-1.81705	0.2436646	1.70066	1.70066	0.0415067	0.6052554	-1.6522	0.00029497	3.52495	3.52495	0.0020591	1.72119	0.436086	1
cg17950095	HOXA11AS	0.00332516	0.128838	0.654691	-1.52744	0.910876	1.02932	1.02932	0.829744	1.05715	1.05715	0.158851	1.47501	1.475011	0.036372	0.533731	-1.8736	0.2216329	0.717809	-1.39313	0.0168033	0.4709312	-2.12345	0.000156297	5.31403	5.31403	0.675039	1.11496	1.11496	8.29995	9.75588	0.937717	1
cg12997720	HOXA11AS	0.00390481	0.745961	0.780279	-1.2811	0.0668022	0.4876	4.7876	0.143652	3.31143	3.31143	0.010755	11.4961	11.4961	0.0722124	0.216743	-6.61376	0.500882	1.68311	1.68311	0.0813638	0.2294117	-4.35898	0.000197775	125.564	125.564	0.798726	1.21498	1.21498	0.97907	72.7494	8.17558	1
cg24445386	HOXA11AS	0.00396104	0.5051597	1.19284	1.192842	0.4142246	1.5972	1.5972	0.546715	1.14096	1.14096	0.0159907	3.08217	3.082172	0.0179713	0.553392	-1.80705	0.3999344	1.09926	1.09926	0.6001055	0.9100505	-1.32209	0.000239726	32.7473	32.7473	0.895443	1.07838	1.07838	8.97569	41.0733	4.63573	1
cg15623480	HOXA11AS	0.00484413	0.978152	0.979572	-1.02085	0.232284	2.5706	2.5706	0.133384	1.38806	1.38806	0.488148	0.588114	-1.72035	0.441339	0.553358	-1.80715	0.249763	2.47579	2.47579	0.0122281	0.0951132	-10.5138	0.000371685	73.1468	73.1468	0.697677	1.34208	1.34208	6.22769	56.0293	7.99715	1
cg09364448	HOXA11AS	0.00936444	0.0888344	1.75188	1.751882	0.0836597	1.2876	1.2876	0.0313159	1.59675	1.59675	2.52048	0.0587391	4.652268	0.0127656	0.2148	-4.65488	0.0041742	0.29274	-4.17951	0.00266906	0.4314543	-2.31557	1.04E-06	15.9205	15.9205	0.1084511	2.03163	2.03163	13.8237	19.4453	1
cg16038003	HOXA11AS	0.0153028	0.0188235	0.291425	-3.43142	0.000494481	0.0941363	-10.6229	0.0407585	0.35937	-2.7826	0.397228	0.686884	-1.45585	0.145921	0.508451	-1.96676	0.179393	0.539072	-1.85504	0.0145643	0.27141	-3.6831	0.337772	0.651705	-1.53444	0.0833205	0.435838	-2.29438	5.14655	15.3015	2.64282	1
cg04340874	HOXA11AS	0.01874008	0.0255729	0.567088	-1.76339	0.00202394	0.394173	-2.53696	0.0350794	0.59153	-1.69051	0.792042	1.05813	1.058131	0.0377395	0.597317	-1.67415	0.863003	0.963216	-1.03819	0.0392289	0.599786	-1.66726	0.153368	1.38669	1.38669	0.557336	0.8808217	-1.13531	4.80933	3.48294	0.643738	1
cg17466857	HOXA11AS	0.00776318	0.3852244	1.33863	1.338631	0.2984894	1.2656	1.2656	0.3556	1.12966	1.12966	0.0779724	1.47469	1.474692	0.278891	0.6956818	-1.43805	0.5542299	1.18093	1.18093	0.4144795	0.8470997	-1.28042	0.000314702	22.03	22.03	0.946288	1.03637	1.03637	4.72158	21.0387	1.95888	1
cg18978493	HOXA11AS	0.00229313	0.00248933	0.55476	0.55476	0.0118807	0.245458	-4.07402	0.780437	0.882499	-1.13315	0.80727	1.11553	1.115533	0.0102537	0.449719	-2.22361	0.637291	0.80629	-1.24016	0.0994715	0.4485281	-2.24275	0.525173	1.33377	1.33377	0.1873853	0.883056	-1.13243	4.52645	14.3441	2.81684	1
cg15760840	HOXA11AS	0.0275679	0.436676	0.715289	-1.39807	0.4166	1.16769	1.167693	0.262647	1.07043	1.14434	0.0127181	1.68387	1.683873	0.0357439	0.5423455	-1.84359	0.3179802	0.78043	1.28107	0.1744	0.5733172	-1.74459	0.0001692	4.30674	4.30674	0.1188167	1.38489	1.38489	6.20773	25.9253	1.18316	1
cg08479590	HOXA11AS;HOXA11	0.00606732	0.226155	0.684775	-1.46033	0.0282398	0.462157	-2.16377	0.784227	0.921477	-1.08521	0.290428	1.38666	1.38666	0.0197045	0.4320336	-2.31462	0.1763	1.11486	1.11486	0.0857015	0.56784	-1.76106	0.000415206	5.30544	5.30544	0.760264	1.09547	1.09547	9.91529	9.72257	1.24974	1
cg09554459	HOXA11AS	1.85E-06	0.0034205	0.564658	-1.57251	0.0102572	0.464894	-1.41147	0.0004998	1.56482	1.56482	0.0049853	2.75147	2.75147	0.0003851	0.2655	-3.76902	0.0691607	0.80525	-1.24181	0.0419862	0.5851323	1.70902	0.0001554	5.31202	5.31202	0.1202	1.82368	1.82368	19.7258	17.1587	0.119013	1
cg26606213	HOXA11AS	2.74E-06	0.307852	0.124832	0.992217	0.999067	0.0093	0.0249808	0.773254	-2.03124	3.60E-06	0.350896	2.49855	7.13E-06	0.384261	2.6024	0.0027185	0.5625254	-1.7777	4.93E-07	0.25721	-3.88788	0.08085	1.05102	1.05102	0.00722045	0.609103	0.64199	0.56373	0.84316	0.13084	1
cg25127444	HOXA13	3.36E-06	0.0038384	0.660115	-1.51489	0.0266264	0.755756	-1.32318	0.170206	0.855821	-1.16847	4.22E-06	3.10766	3.10766	0.0311637	0.763718	-1.30938	0.282121	0.887692	-1.12652	0.00059896	0.568689	-1.75843	2.52E-07	5.14022	5.14022	0.112111	0.8316612	-1.20248	53.7499	9.67073	0.15993	1
cg10883303	HOXA13	5.70E-06	0.0003268	0.542734	-1.84262	0.0003402	1.189535	1.189535	0.538361	1.08586	1.08586	0.187793	1.886397	1.886397	0.0014832	0.483042	0.9310717	0.1074009	?	?	?	?	1.66E-06	68.1372	68.1372	0.688984	1.39038	1.39038	0.662924	2.74725	1.39038	16.0932	5.05622	0.00948213	1.39038	0.140134	1
cg00644317	HOXA13	1.08E-05	0.00261941	0.517344	-1.93295	0.6680063	0.724711	-1.37986	0.32597	1.174	1.174	0.0652247	1.40775	1.40775	3.89E-05	0.287625	3.47675	0.0196403	0.639689	-1.56326	0.00762246	0.4463424	-2.24052	7.18E-07	8.34605	8.34605	0.453378	1.12841	1.12841	39.7675	15.7567	0.352197	1
cg02166298	HOXA13	0.000361079	0.0015515	0.375722	-2.66426	0.0031095	0.416825	-2.40486	0.00429216	0.435734	-2.29503	0.00277387	0.408567	-2.44758	0.000410203	0.2962615	-3.37546	0.0207107	0.546464	-1.82959	0.0181	0.4705176	-2.12544	0.000203059	2.54476	2.54476	0.0208059	1.83798	15.6347	11.6553	8.502547	1
cg04428700	HOXA13	0.00042988	0.0038451	0.4838	-2.06722	0.0001	1.13756	1.13756	0.3895	1.03663	1.03663	0.657903	1.06226	1.062263	-6.62236	0.727256	1.37545	0.877679	0.979341	1.09109	0.605882	1.6516051	-1.63504	7.71E-06	3.7835	3.7835	0.153753	0.8133031	-2.22997	14.907	4.53517	0.258607	1
cg03107888	HOXA13	0.000872273	0.000834594	0.4018	-2.4888	0.0176867	2.24222	2.24222	0.852587	1.03431	1.03431	0.0148128	1.72166	1.72166	0.1381761	1.20549	1.20549	0.100772	0.721848	-1.38533	0.479595	1.13919	1.13919	0.00234863	2.15935	2.15935	0.0030212	0.1748495	-2.09889	0.65174	6.369111	0.462902	1
cg26512254	HOXA13	0.00238165	0.821937	1.077171	1.077171	0.6124865	1.27019	1.27019	0.0274	1.12524	1.12524	1.32074	0.0179504	1.752453	0.0244666	0.4708	-2.12444	0.1752	1.15288	1.15288	0.0105864	0.4446666	-2.24984	0.0001	1.7916	1.7916	0.1879931	1.20198	0.16174	1.1025	2.55162	1
cg01559519	HOXA13	0.00879007	0.56006	0.750226	-1.33293	0.181903	1.99575	1.99575	0.25114	0.557252	-1.79452	0.935091	0.961055	-1.04052	0.149902	0.471037	-2.12298	0.697286	0.826434	-1.21002	0.948442	0.968955	-1.03204	0.000183384	2.8142	2.8142	21.842	0.172348	2.03069	2.03069	6.15828	23.1968	3.34824	1
cg01616346	HOXA13	0.00158899	0.5119203	1.19263	1.192633	0.1765262	0.526945	-1.89773	0.746706	1.07647	1.07647	0.0686427	0.636114	-1.57205	0.0197007	0.5243268	-1.90724	0.2124249	0.74087	-1.3504	0.0113664	0.4940197	-2.02354	0.4642303	1.58023	1.58023	0.1757621	0.9335598	-1.07112	4.02032	3.31924	0.824897	1
cg03633671	HOXA13	0.04298	0.0520433	0.442649	-2.35533	0.874256	0.94496	-1.06331	0.0800277	2.1202	2.12302	0.0232634	0.349512	-2.86114	0.244344	0.2213674	-4.51612	0.4489567	0.761797	1.31269	0.0555785	0.2435721	-4.11052	0.213672	0.601981	-1.66118	0.333552	0.679361	1.47197	3.58647	0.53374	2.11504	1
cg01636403	HOXA13	1.19E-08	0.92616	0.993373	-1.00667	0.0956002	1.14033	1.14033	0.0809714	1.14889	1.14889	2.49E-10	14.1055	14.1055	0.00124939	0.713079	-1.40237	0.0552546	0.855671	-1.16867	1.33E-05	0.519701	-1.92418	5.71E-08	3.78895	3.78895	0.0462483	1.17797	1.17797	225.274	18.3571	0.0724336	1
cg04204398	HOXA13	0.00203978	0.00225743	0.3911	-2.55673	0.0003402	1.189535	1.189535	0.538361	1.08586	1.08586	0.187793	1.886397	1.886397	0.0014832	0.483042	0.9310717	0.1074009	?	?	?	?	1.66E-06	68.1372	68.1372	0.688984	1.39038	1.39038	0.662924	2.74725	1.39038	16.0932	5.05622	0.00948213	1.39038	0.140134	1
cg04673590	HOXA13	0.00121534	0.948557	0.989123	-1.011	0.385232	1.62686	1.626286	0.238194	1.23295	1.23295	0.62673	0.685	1.45442	0.0790504	1.40327	1.40327	0.274255	0.824628	-1.21267	0.276157	1.21167	1.21167	0.00013701	4.29506	4.29506	0.282272	1.2085	1.2085	11.3313	5.00468	0.404438	1
cg06715976	HOXA13	0.00240553	0.371084	0.842525	-1.18686	0.2790858	1.42558	1.425582	0.0931311	1.64042	2.06607	0.0147457	1.964506	4.1358	0.0026704	0.3516288	-2.84403	0.1443288	0.645001	-1.55019	0.0168288	0.5563674	-1.79725	0.0001554	5.31202	5.31202	0.1202	1.82368	1.82368	19.7258	17.1587	0.119013	1
cg03700462	HOXA13	0.0136828	0.814753	0.968992	-1.032	0.196258	1.20128	1.20128	0.950557	0.991712	-1.00836	0.0293332	1.41126	1.41126	0.624371	0.935914	-1.06847	0.829933	0.971545	1.02929	0.0873786	0.7762521	-1.28824	0.000842371	1.96177	1.96177	0.023451	1.43807	1.43807	5.33992	2.52324	0.25356	1
cg26744375	HOXA13	0.031521	0.047839	0.62737	-1.59396	0.556866	0.731832	-1.36643	0.61925	0.902167	-1.10844	0.27795	0.793043	-1.26096	0.134024	0.814826	-1.22726	0.005079	0.56709	-1.76302	0.129376	0.7314069	-1.40042	0.0169854	1.81897	1.81897	0.29226	0.798855	-1.25179	4.01547	2.68633	0.594662	1
cg22154659	HOXA13	0.00853303	0.1276651	1.37858	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(105 vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(111 vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(112 vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(121 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(121 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(347 vs. N)	Fold-Change(1 vs. 347 vs. N)	p-value(353 vs. N)	Fold-Change(1 vs. 353 vs. N)	p-value(537 vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(537 vs. N)	Fold-Change(5 vs. 537 vs. N)	p-value(563 vs. N)	Fold-Change(5 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg03724424	HOXA4	0.00993784	1.52224	0.02606488	1.788095	0.188895	1.189625	0.44002	1.44002	0.302932	1.5224	1.5224	1.5224	0.00074031	2.514227	0.514227	2.514227	0.81414	1.06376	1.06376	0.4782801	1.0275584	-1.20834	0.0434808	1.151115	1.151115	1.00477069	2.71601	2.71601	0.00132826	3.404554	5.92242	6.46137	0.96978	1
cg06942814	HOXA4	0.01151152	0.02480008	4.40621	4.406621	0.0914289	0.376878	-2.65338	0.9848515	1.01004	1.010004	0.00766613	0.604464	0.074662	0.704292	1.76395	1.763955				0.49316	1.44105	1.447105	0.387144	1.59261	1.59261	1.00131221	11.6511	11.6511	0.0201764	4.3532	4.3532	5.64845	24.6559	3.88006	1
cg25952581	HOXA4	0.01881775	0.11638	1.50748	1.507482	0.4586544	0.8340001	-1.19904	0.7200396	0.9170584	-1.090411	0.039336	1.77445	1.77445	0.354224	1.25769	1.257693				0.897979	1.03134	1.031134	0.340249	1.26553	1.26553	1.00186599	2.89112	2.89112	0.0033356	2.61169	2.61169	4.8027	4.40154	0.814641	1
cg02303284	HOXA4	0.0230134	0.2863837	2.71484	2.714844	0.00347505	36.2647	36.2647	36.2647	0.0193372	12.863	12.863	0.928222	0.02186	-1.08476	0.9318531	1.080202	1.080202	0.0335581	9.43137	9.431371	0.0117558	17.1468	17.1468	0.0229472	11.668	11.668	0.0666156	4.06529	4.44396	57.9099	11.4799	1
cg16651126	HOXA4	0.0276252	0.116321	3.48668	3.486684	0.417343	0.545205	-1.83417	0.9191736	1.07655	1.076554	0.0637164	0.59749	0.245949	0.24319	2.243192					0.8625588	1.13521	1.135221	0.192507	2.74417	2.744417	0.00096491	36.4726	36.4726	0.0326369	2.23276	2.23276	4.2077	35.6938	7.54042	1
cg23884241	HOXA4	0.0416344	0.0329593	5.84298	5.842988	0.9371778	1.05738	1.05738	0.1093446	1.44055	1.44055	0.0352102	0.625528	0.572528	0.17993	1.74002	1.74002				0.765336	0.80908	-1.23597	0.0800351	1.95363	1.95363	0.00547684	13.266	13.266	0.0202665	7.25016	7.25016	6.62908	28.7816	7.05208	1
cg22997113	HOXA4	0.0457472	0.0212605	3.03707	3.037007	0.942263	0.971357	-1.02949	0.3076336	1.52761	1.52761	0.0215703	3.02598	3.02598	0.591066	1.24311	1.243111				0.984592	1.00778	1.00778	0.153322	1.84684	1.84684	0.00369886	4.82518	4.82518	0.0748928	2.21646	2.21646	3.50383	8.93319	2.26626	1
cg07317062	HOXA4;HOXA4	0.00248984	0.0258756	4.19494	4.194942	0.1215344	1.84429	1.84429	0.4437845	1.86889	1.86889	0.0519266	4.90044	4.90044	0.360827	1.452934	1.452934				0.978961	1.01054	1.010542	0.153109	1.83895	1.83895	0.00598902	4.13272	4.13272	0.042888	2.62609	2.62609	2.22652	1
cg19142026	HOXA4;HOXA4	0.0295931	0.0146688	6.66032	6.660324	0.0539915	3.97897	3.97897	0.2314864	2.20795	2.207953	0.0738371	0.83137	0.831137	0.0266125	3.756421					0.4599337	1.60773	1.607733	0.0257423	3.90213	3.902133	0.0156458	6.40253	6.402533	0.0169258	5.90745	5.907453	0.0160254	62.4125	5.60724	1
cg16997642	HOXA5	1.40E-09	0.3551	1.0729	1.0729	4.30E-11	30.0395	30.0395	1.10E-09	9.63038	9.63038	0.00995209	1.27227	1.27227	0.000492412	0.6678447	-1.49735				2.04E-07	3.21371	3.21371	0.000996119	1.43573	1.43573	3.53E-07	2.96699	2.96699	0.0539628	1.850585	-1.17566	385.548	33.4132	0.0770349	1
cg13512268	HOXA5	3.30E-06	0.0007043887	1.60344	1.603444	1.15E-05	4.27	2.6479	1.64E-07	4.40287	4.40287	0.00329701	1.71113	1.71113	0.0154341	1.20026	1.20026				0.0006025971	1.65566	1.655661	0.189785	2.8938122	2.893812	1.1188	1.88E-05	2.6429	0.0003443554	1.69146	5.41E-05	1.0170996	1
cg19643053	HOXA5	5.50E-06	0.710243	0.922326	-1.08421	1.14E-05	15.457	15.4157	2.09E-05	6.43716	6.417716	0.00235318	2.50799	2.50799	0.0867824	0.663771	-1.50654				0.000192995	3.89563	3.895631	2.96E-06	14.8978	14.8978	0.00127304	4.23922	4.23922	0.604628	1.11982	1.11982	4.1587	0.4525	0.660842	1
cg19156335	HOXA5	7.32E-06	0.006095553	0.262556	-1.59932	7.02E-05	2.6153	2.6153	2.21E-05	3.14392	3.14392	8.85E-06	3.6552	3.6552	0.001508965	0.540802	-1.8491				0.001004697	1.91094	1.910944	0.352902	2.18162	2.18162	2.92E-06	4.48948	4.48948	0.0285002	2.10124	2.10124	4.9531	12.5748	2.545898	1
cg24389585	HOXA5	9.76E-06	0.4776324	0.880843	-1.12253	1.39E-05	8.85662	8.85662	2.49E-06	5.95306	5.95306	0.01874497	1.56618	1.56618	0.183475	0.801949	-1.24696				9.08E-05	2.98693	2.98693	0.000842513	2.19291	2.19291	4.40E-05	3.57937	3.57937	0.418635	1.13797	1.13797	40.8223	15.8135	0.344332	1
cg17432857	HOXA5	1.36E-05	0.546259	0.895539	-1.11665	1.83E-06	8.54242	8.54242	0.000180856	3.14196	3.14196	0.161166	0.763081	-1.31048	0.9298	0.630024	-1.58724				7.69E-05	3.64825	3.648251	0.9496	1.05	1.05	0.0017115	5.87371	5.873711	0.0078715	-1.26949	0.164219	1.30758	1.30758	47.3344	19.3551	0.459591	1
cg03123381	HOXA5	1.79E-05	0.029314	3.9325	3.93251	2.64E-06	14.3423	18.1423	2.17E-05	4.98403	4.98403	0.00021359	4.89412	4.89412	0.962577	1.01211	1.01211				1.48E-05	10.0586	10.05861	0.000546269	3.96848	3.96848	4.65E-05	7.19023	7.19023	0.167085	1.45934	1.45934	34.8215	36.1026	0.92712	1
cg26023912	HOXA5	2.79E-05	0.0885422	1.23102	1.23102	2.74E-06	3.47615	3.47615	1.96E-05	2.6047	2.6047	0.0059825	1.488	1.488	0.784132	1.03084	1.03084				1.95E-05	2.60796	2.60796	0.000365867	1.8804	1.8804	0.000484763	1.83147	1.83147	0.2618188	1.13818	1.13818	31.0416	6.01557	0.172258	1
cg02005600	HOXA5	3.39E-05	0.000777252	2.09973	2.09973	0.285081	0.956706	-1.04569	0.2021581	1.35631	1.35631	0.0200755	1.59482	1.59482	0.267435	1.35631	1.356312				0.0029715	0.6890314	-1.45105	0.7816898	1.04096	1.04096	1.64E-06	5.79755	5.79755	0.00207534	1.882321	1.882321	29.4837	9.93764	0.209605	1
cg14013695	HOXA5	5.08E-05	0.0552892	1.75809	1.75809	1.62E-06	22.9334	22.9334	2.76E-05	8.54757	8.547577	0.0523027	2.18219	2.18219	0.564238	1.556519					0.00081092	1.25871	1.71281	0.446801	1.22308	1.22308	0.0144375	2.18783	2.187833	0.534813	1.048397	-1.17732	26.5053	28.3118	0.9494	1
cg20517050	HOXA5	9.34E-05	0.151494	1.30526	1.30526	0.857867	0.969402	-1.03156	3.00E-05	4.12055	4.12055	0.00457903	1.92393	1.92393	0.116752	1.34369	1.34369				0.00629786	0.539648	-1.85306	0.278058	0.822399	-1.21595	1.04E-05	5.13264	5.13264	0.00660332	1.84288	1.84288	22.5456	10.7301	0.423048	1
cg14658493	HOXA5	0.00011455	0.757316	1.044206	-1.05093	0.2429553	1.16722	1.16722	0.0013125	2.05846	2.05846	0.00021729	3.18849	3.18849	0.0182205	2.53733	2.53733				0.007713	0.978749	-1.02174	0.6408	0.96275	-1.03926	9.51E-05	3.1464	3.1464	0.0001455	2.98539	-1.05227	24.9487	11.6	0.482886	1
cg09694405	HOXA5	0.00011534	0.21057	1.4974	1.4974	2.17E-05	13.6355	13.6355	0.00011635	8.01749	8.01749	0.057513	1.92973	1.92973	0.659641	0.873165	-1.14526				0.000157268	7.23441	7.23441	0.458105	1.60561	1.60561	0.00794144	2.71961	2.71961	0.0498019	1.98326	2.31301	31.6081	1.31844	1
cg14882265	HOXA5	0.00012128	0.1634946	1.760586	1.760586	0.1121612	5.21612	5.21612	0.0001649	3.28585	3.28585	0.00936352	2.25393	2.25393	0.0814068	1.388484	1.388484				0.000135353	2.90803	2.908033	0.0405205	2.73132	2.73132	0.0006851	1.87514	1.87514	0.1945137	0.782475	-1.2778	35.4035	64.4184	3.054462	1
cg23204968	HOXA5	0.00018844	0.844727	1.03654	1.03654	0.318947	1.20746	1.20746	0.00167616	2.27576	2.27576	0.0329037	1.57883	1.57883	0.65053206	1.50366	1.50366				0.0245203	0.612418	-1.63287	0.1824553	0.591871	-1.68956	6.31E-06	6.33309	6.33309	0.00788481	1.86608	1.86608	18.713	9.92834	0.471607	1
cg25390165	HOXA5	0.00019171	0.152093	1.24635	1.4E-05	3.67119	1.63116	3.61E-05	3.13207	3.13207	0.0196839	1.49841	1.493241	0.533234	1.09481	1.09481					0.00115148	1.98511	1.98511	0.316999	1.69071	1.69071	0.00134618	1.94856	1.94856	0.0306696	1.44013	1.44013	18.3919	6.00137	0.290049	1
cg13694927	HOXA5	0.00019497	0.2603993	1.9268	1.9268	6.85E-05	3.92659	3.92659	0.00019827	2.04454	2.04454	0.0076384	1.72657	1.72657	0.0916982	1.71967	1.719672				0.0029504	0.99968	1.000321	0.4773262	1.26716	1.26716	0.0064761	1.04695	1.046951	0.9468	1.00106	1.00106	38.1606	2.80857	1
cg14974746	HOXA5	0.00303594	0.5344093	0.893873	-1.11873	0.00451172	0.50396	-1.98428	0.137853	1.32971	1.32971	0.00806056	2.44108	2.44108	0.000392081	0.365113	0.73888				0.00758586	1.90559	1.90559	0.0100812	0.560427	-1.78435	0.00106563	2.36933	2.36933	0.0738353	1.41729	1.41729	16.3966	8.25953	0.447764	1
cg14058129	HOXA5	0.00303938	0.26353	1.62662	1.62662	0.0095217	3.44575	3.44575	0.00178485	3.23258	3.23258	0.0159466	1.65551	1.65551	0.0194664	1.6458	1.6458				0.0027785	1.1241	1.1241	0.0136406	1.44668	1.44668	0.0020388	1.9284	1.9284	0.0154423	1.09112	1.09112	1.62133	16.3316	10.2018	0.55587	1
cg20817131	HOXA5	0.00305953	0.258996	1.33782	1.33782	2.50E-05	7.9171	7.9171	8.86E-05	3.66839	3.66839	0.0176509	1.77516	1.77516	0.07339	1.357229	1.357229				0.0016161	1.12618	1.12618	0.0885318	1.62853	1.62853	-1.59101	0.968916	0.9904416	-1.00968	0.7394558	1.9202826	-1.08598	15.6554	15.1436	0.858832	1
cg05774699	HOXA5	0.00043623	0.350768	1.3926	1.3926	2.22E-05	18.8191	18.8191	0.000609963	6.17767	6.17767	0.26106	1.49808	1.49808	0.474315	1.2852	1.2852				0.0019263	1.6451	4.5401	0.000258792	7.94818	7.94818	0.280718	1.47202	1.47202	0.1093315	1.82584	1.82584	14.8653	27.9952	1.67401	1
cg05835726	HOXA5	0.00447812	0.03475541	1.61858	1.61858	0.0026207	2.66243	2.66243	0.00134002	2.12397	2.12397	0.0359526	1.60639	1.60639	0.0197134	1.6237	1.6237				0.0048437	0.416546	-2.1666	0.0431737	0.488853	-2.04561	4.50E-05	5.34702	5.34702	0.20792	1.29764	1.86793	9.81359	0.456818	1
cg03744763	HOXA5	0.00487596	0.398596	1.50575	1.50575	0.000270917	16.9067	16.9067	0.002597577	7.21494	7.21494	0.0381147	3.1216	3.1216	0.883073	1.07218	1.07218				0.0018592	8.09598	8.09598	2.50E-05	23.5024	23.5024	0.0085735	5.50768	5.50768	0.1683314	2.00419	14.3904	51.1176	3.15751	1
cg00809993	HOXA5	0.00491237	0.0499013	1.44737	1.44737	0.0001758	25.8995	25.8995	0.000363652	8.25393	8.25393	0.0811068	2.58884	2.58884	0.0875741	1.224	1.2274				0.0029315	1.13307	1.13307	2.79E-05	106.005	106.005	0.0094756	5.5787	5.5787	0.0522919	1.10673	3.10673	16.4035	64.4184	3.054462	1
cg07049502	HOXA5	0.00067413	0.129686	1.86268	1.86268	0.000511865	7.85613	7.85613	0.00281061	4.77803	4.77803	0.194874	1.6837	1.6837	0.162552	1.76205	1.76205				0.00310938	4.65208	4.65208	2.01E-05	26.5217	26.5217	0.192965	1.6879	1.6879	0.0347651	1.54729	2.54729	13.1489	30.0641	2.03239	1
cg01724090	HOXA5	0.00587879	0.1539798	1.2443	1.2443	0.0004308	6.97606	6.97606	0.00172756	3.02172558	3.02172558	0.0488569	4.48859	4.48859	0.00268213	0.7835	0.783497				0.0033856	0.718308	-1.39215	0.4586486	0.719377	-1.38975	0.0001792	3.82711	3.82711	0.0044308	3.57966	3.57966	11.3973	2.15765	0.189253	1
cg14014955	HOXA5	0.00071529	0.202351	1.26348	1.26348	0.0108326	5.73492	-1.7437	0.627999	0.91866	-1.08854	0.00275438	2.04976	2.04976	0.196236	0.771833	1.29562				0.0022388	2.62117	-1.60986	0.0823352	0.555857	-1.79902	0.00146023	3.11317	3.11317	0.0390818	1.51426	1.51426	12.9312	6.18276	0.425003	1
cg09880291	HOXA5	0.00072663	0.870631	0.96528	-1.03597	0.000351709	3.47318	3.47318	0.000163439	4.03148	4.03148	0.00755757	2.10659	2.10659	0.60737	1.11893	1.11893				0.0022128	2.53395	2.53395	0.0520107	1.6149	1.6149	0.000294326	3.59188	3.59188	0.4615158	1.17648	1.17648	12.8755	9.58541	0.667149	1
cg23454797	HOXA5	0.00073205	0.1545845	1.7526404	1.7526404	0.0001455	20.5703	20.5703	0.00113138	5.03004777	5.03004777	0.0488159	2.48859	2.48859	0.0498832	1.38377	1.38377				0.0027334	1.1272	1.1272	0.0150456	1.32122	1.32122	0.0016405	1.98772	1.98772	0.0044308	3.57966	3.57966	11.3973	2.15765	0.189253	1
cg03207666	HOXA5	0.00113062	0.118546	0.70098	-1.42776	0.34691	1.22575	1.22575	7.98E-05	4.40707	4.47037	0.0985103	1.00039	0.0231232	0.565384	-1.76871					0.4436337	1.17838	1.17838	0.04235	0.622256	-1.60706	0.0003406	2.34664	2.34664	0.615737	1.89911	-1.11221	10.8465	7.58705	0.621771	1
cg02484486	HOXA5	0.00170237	0.0076229	3.70682	3.706824	0.0001758	20.5703	20.5703	0.00113138	5.03004777	5.03004777	0.0488159	2.48859	2.48859	0.0498832	1.38377	1.38377				0.0027334	1.1272	1.1272	0.0150456	1.32122	1.32122	0.0016405	1.98772	1.98772	0.0044308	3.57966	3.57966	11.3973	2.15765	0.189253	1
cg03701577	HOXA6	0.00273968	0.974014	1.00873	1.00873	0.00520134	0.373635	-2.67641	0.452262	0.81511	-1.22683	0.00423364	2.7792	2.7792	0.00370297	0.350994	-2.84905				0.231008	1.39853	1.39853	0.00181064	0.306013	-3.26783	0.1374888	1.53267	1.53267	0.4958081	1.20277	1.20277	8.79142	9.92316	1.00332	1
cg02298593	HOXA6	0.00274253	0.0146259	2.45807	2.458072	0.0095217	3.44575	3.44575	0.00178485	3.23258	3.23258	0.0159466	1.65551	1.65551	0.0194664	1.6458	1.6458				0.0027785	1.1241	1.1241	0.0136406	1.44668	1.44668	0.0020388	1.9284	1.9284	0.0154423	1.09112	1.09112	-1.62133	16.3316	10.2018	0.55587	1
cg20817131	HOXA6	0.00303593	0.258996	1.33782	1.33782	2.50E-05	7.9171	7.9171	8.86E-05	3.66839	3.66839	0.0176509	1.77516	1.77516	0.07339	1.357229	1.357229				0.0016161	1.12618	1.12618	0.0885318	1.62853	1.62853	-1.59101	0.968916	0.9904416	-1.00968	0.7394558	1.9202826	-1.08598	15.6554	15.1436	0.858832	1
cg05774699	HOXA6	0.00043623	0.350768	1.3926	1.3926	2.22E-05	18.8191	18.8191	0.000609963	6.17767	6.17767	0.26106	1.49808	1.49808	0.474315	1.2852	1.2852				0.0019263	1.6451	4.5401	0.000258792	7.94818	7.94818	0.280718	1.47202	1.47202	0.1093315	1.82584	1.82584	14.8653	27.9952	1.67401	1
cg05835726	HOXA6	0.00447812	0.03475541	1.61858	1.61858	0.0026207	2.66243	2.66243	0.00134002	2.12397	2.12397	0.0359526	1.60639	1.60639	0.0197134	1.6237	1.6237				0.0048437	0.416546	-2.1666	0.0431737	0.488853	-2.04561	4.50E-05	5.34702	5.34702	0.20792	1.29764	1.86793	9.81359	0.456818	1
cg03744763	HOXA6	0.00487596	0.398596	1.50575	1.50575	0.000270917	16.9067	16.9067	0.002597577	7.21494	7.21494	0.0381147	3.1216	3.1216	0.883073	1.07218	1.07218				0.0018592	8.09598	8.09598	2.50E-05	23.5024	23.5024	0.0085735	5.50768	5.50768	0.1683314	2.00419	14.3904	51.1176	3.15751	1
cg00809993	HOXA6	0.00491237	0.0499013	1.44737	1.44737	0.0001758	25.8995	25.8995	0.000363652	8.25393	8.25393	0.0811068	2.58884	2.58884	0.0875741	1.224	1.2274				0.0029315	1.13307	1.13307	2.79E-05	106.005	106.005	0.0094756	5.5787	5.5787	0.0522919	1.10673	3.10673	16.4035	64.4184	3.054462	1
cg25307665	HOXA6	0.00050815	0.00655302	3.91148	3.91148	0.1026553	0.501742	-1.99305	0.112133	1.95045	1.95045	0.000854613	6.92178	6.92178	0.0721303	2.17094	2.17094				0.953126	0.977554	-1.02296	0.0872162	2.0736	2.0736	1.58E-05	31.3122	31.3122	0.00988339	3.52164	3.52164	14.2136	33.5746	2.09968	1
cg02106682	HOXA6	0.00056514	0.122753	1.96194	1.96194	9.60E-05	16.4008	16.4008	0.000148871	6.33718	6.33718	0.140994	1.89287	1.89287	0.115126	1.99453	1.99453				0.001585	6.21824	6.21824	5.01E-05	21.4562	21.4562	0.0188584	2.62181	2.62181	0.0528875	2.42714	2.42714	13.8091	35.5222	2.28655	1
cg03848099	HOXA6	0.00056476	0.115927	2.48682	2.486824	0.0001758	25.8995	25.8995	0.000363652	8.25393	8.25393	0.0811068	2.58884	2.58884	0.0875741	1.224	1.2274				0.0015678	11.3307	11.3307	2.79E-05	106.005	106.005	0.0094756	5.5787	5.5787	0.0522919	1.10673	3.10673	16.4035	64.4184	3.054462	1
cg07049502	HOXA6	0.00067413	0.129686	1.86268	1.86268	0.000511865	7.85613	7.85613	0.00281061	4.77803	4.77803	0.194874	1.6837	1.6837	0.162552	1.76205	1.76205				0.0031093	4.65208	4.65208	2.01E-05	26.5217	26.5217	0.192965	1.6879	1.6879	0.0347651	1.54729	2.54729	13.1489	30.0641	2.03239	1
cg01724090	HOXA6	0.00587879	0.1539798	1.2443	1.2443	0.0004308	6.97606	6.97606	0.00172756	3.02172558	3.02172558	0.0488569	4.48859	4.48859	0.00268213	0.7835	0.783497				0.0033856	0.718308	-1.39215	0.4586486	0.719377	-1.38975	0.0001792	3.82711	3.82711	0.0044308	3.57966	3.57966	11.3973	2.15765	0.189253	1
cg14014955	HOXA6	0.00071529	0.202351	1.26348	1.26348	0.0108326	5.73492	-1.7437	0.627999	0.91866	-1.08854	0.00275438	2.04976	2.04976	0.196236	0.771833	1.29562				0.0022388	2.62117	-1.60986	0.0823352	0.555857	-1.79902	0.00146023	3.11317	3.11317	0.0390818	1.51426	1.51426	12.9312	6.18276	0.425003	1
cg09880291	HOXA6	0.00072663	0.870631	0.96528	-1.03597	0.000351709	3.47318	3.47318	0.000163439	4.03148	4.03148	0.00755757	2.10659	2.10659	0.60737	1.11893	1.11893				0.0022128	2.53395	2.53395	0.0520107	1.6149	1.6149	0.000294326	3.59188	3.59188	0.4615158	1.17648	1.17648	12.8755	9.58541	0.667149	1
cg23454797	HOXA6	0.00073205	0.1545845	1.7526404	1.7526404	0.0001455	20.5703	20.5703	0.00113138	5.03004777	5.03004777	0.0488159	2.48859	2.48859	0.0498832	1.38377	1.38377				0.0027334	1.1272	1.1272	0.0150456	1.32122	1.32122	0.0016405	1.98772	1.98772	0.0044308	3.57966	3.57966	11.3973	2.15765	0.189253	1
cg03207666	HOXA6	0.00113062	0.118546	0.70098	-1.42776	0.34691	1.22575	1.22575	7.98E-05	4.40707	4.47037	0.0985103	1.00039	0.0231232	0.565384	-1.76871					0.4436337	1.17838	1.17838	0.04235	0.622256	-1.60706	0.0003406	2.34664	2.34664	0.615737	1.89911	-1.11221	10.8465	7.58705	0.621771	1
cg02484486	HOXA6	0.00170237	0.0076229	3.70682	3.706824	0.0001758	20.5703	20.5703	0.00113138	5.03004777	5.03004777	0.0488159	2.48859	2.48859	0.0498832	1.38377	1.38377				0.0027334	1.1272	1.1272	0.0150456	1.32122	1.32122	0.0016405	1.98772	1.98772	0.0044308	3.57966	3.57966	11.3973	2.15765	0.189253	1
cg03701577	HOXA6	0.00273968	0.974014	1.00873	1.00873	0.00520134	0.373635	-2.67641	0.452262	0.81511	-1.22683	0.00423364	2.7792	2.7792	0.00370297	0.350994	-2.84905				0.231008	1.39853	1.39853	0.00181064	0.306013	-3.26783	0.1374888	1.53267	1.53267	0.4958081	1.20277	1.20277	8.79142	9.92316	1.00332	1
cg02298593	HOXA6	0.00274253	0.0146259	2.45807	2.458072	0.0095217	3.44575	3.44575	0.00178485	3.23258	3.23258	0.0159466	1.65551	1.65551	0.0194664	1.6458	1.6458				0.0027785	1.1241	1.1241	0.0136406	1.44668	1.44668	0.0020388	1.9284	1.9284	0.0154423	1.09112	1.09112	-1.62133	16.3316	10.2018	0.55587	1
cg03114346	HOXA6;HOXA5	0.00097451	0.00156544	2.54595	2.54595	0.083676	0.631223	-1.58423	0.0206364	1.94391	1.94391	0.00024896	4.22782	4.22782	0.0318268	1.82197	1.82197				0.0023047	1.95452	1.95452	0.0005265	1.83	1.83	0.0026011	1.9284	1.9284	0.0154423	1.09112	1.09112	-1.62133	16.3316	10.2018	0.55587	1
cg09549073	HOXA6;HOXA5	0.01041146	0.0420667	2.44763	2.44763	0.5314437	0.784861	-1.27411	0.101521	1.98401	1.98401	0.00644056	3.87311	3.87311	0.103007	1.97706	1.97706				0.003264	0.954598	-1.04756	0.00140955	5.85076	5.85076	0.00573114	3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10381440	HOXB2	0.02459	0.025158	0.402106	-2.48691	0.262281	1.49167	1.49167	0.524535	1.24686	1.24686	0.0546566	2.108	2.108	0.0138982	0.353548	-2.82847	0.441259	1.30821	1.30821	0.0196877	0.38142	-2.62178	0.163467	1.66332	1.66332	0.785282	0.910803	-1.09793	4.38234	8.12375	1.64778	1
cg09328349	HOXB2	0.0358453	0.880872	1.07165	1.07165	0.158856	2.00353	2.00353	0.00467916	0.176392	-5.6692	0.475572	0.715495	-1.39763	0.0277613	0.30109	-3.32127	0.0955496	2.32782	2.32782	0.971145	1.01683	1.01683	0.19864	1.87168	1.87168	0.536733	1.33464	1.33464	3.83382	12.9293	2.99771	1
cg18416950	HOXB2	0.0398723	0.858306	0.95893	-1.04283	0.00312215	2.58179	2.58179	0.0319397	1.80381	1.80381	0.258026	0.758073	-1.31913	0.324446	0.78757	-1.26973	0.644473	1.11521	1.11521	0.226784	0.742445	-1.3469	0.172036	1.40657	1.40657	0.3727	1.23957	1.23957	3.68748	3.21628	0.775304	1
cg13280788	HOXB3	3.08E-06	3.44E-05	0.422218	-2.36844	0.00312396	1.54466	1.54466	0.00216921	1.58877	1.58877	0.0670304	1.24716	1.24716	1.69E-07	0.175714	-5.69106	0.000660282	1.75278	1.75278	0.047503	1.27621	1.27621	0.0504466	1.27109	1.27109	0.00158023	0.613782	-1.62924	54.9714	10.078	0.162961	1
cg24963001	HOXB3	0.000185781	0.537153	1.08768	1.08768	3.94E-05	2.87994	2.87994	0.0154028	1.49166	1.49166	0.00122854	1.88852	1.88852	0.594031	1.07504	1.07504	2.51E-05	3.08131	3.08131	0.0269383	0.703007	-1.42246	0.00921132	1.55992	1.55992	0.0779071	1.30146	1.30146	18.742	5.36935	0.254656	1
cg11060532	HOXB3	0.000499243	0.00907653	2.57741	2.57741	0.0229055	2.17544	2.17544	0.0283322	2.09418	2.09418	0.0159114	0.430371	-2.32358	0.00172636	0.278962	-3.58471	0.123929	1.60926	1.60926	0.0542794	1.86576	1.86576	5.37E-05	8.59376	8.59376	0.51254	1.20884	1.20884	14.2965	18.4629	1.14793	1
cg19104015	HOXB3	0.000655189	0.000976346	3.18562	3.18562	0.0190837	0.511623	-1.95456	0.076918	1.59148	1.59148	0.444498	1.20218	1.20218	0.780671	1.06816	1.06816	0.247119	1.33092	1.33092	0.000241376	0.238178	-4.19854	0.000629952	3.45976	3.45976	0.762627	1.07418	1.07418	13.2541	11.7135	0.785569	1
cg01593673	HOXB3	0.000665035	0.00218057	2.40286	2.40286	2.67E-05	5.43307	5.43307	0.00172585	2.48859	2.48859	0.0891695	1.46556	1.46556	0.00832014	1.98929	1.98929	0.0400611	1.62227	1.62227	0.445247	0.85327	-1.17196	0.00206449	2.42249	2.42249	0.0822787	1.4807	1.4807	13.199	8.69208	0.585371	1
cg06186155	HOXB3	0.00146744	0.0139473	3.80248	3.80248	0.000150227	17.5123	17.5123	0.00357146	5.67472	5.67472	0.0667768	2.46929	2.46929	0.888786	0.940316	-1.06347	0.0240361	3.26675	3.26675	0.000230039	14.7363	14.7363	0.107573	2.16496	2.16496	0.536678	1.31675	1.31675	10.546	32.3093	2.72325	1
cg04117801	HOXB3	0.00195916	0.0714736	2.41686	2.41686	0.000142922	17.7145	17.7145	0.032396	2.99864	2.99864	0.0305931	3.04596	3.04596	0.710423	1.17763	1.17763	0.000533096	10.6297	10.6297	0.171648	1.89266	1.89266	0.00188547	6.89986	6.89986	0.0386052	2.85853	2.85853	9.7	29.5278	2.70587	1
cg02749463	HOXB3	0.00511802	0.0338157	1.85436	1.85436	0.00177376	3.03171	3.03171	0.0373042	1.82634	1.82634	0.100283	1.56626	1.56626	0.405237	0.808797	-1.2364	0.540071	1.16716	1.16716	0.00184614	0.332287	-3.00945	0.291477	1.3136	1.3136	0.337996	0.781816	-1.27907	7.28648	7.16633	0.874232	1
cg07850987	HOXB3	0.00795569	0.593793	1.10922	1.10922	0.75806	1.0613	1.0613	0.277183	0.804435	-1.24311	0.164412	0.751531	-1.33062	0.113681	0.717911	-1.39293	0.231139	0.78517	-1.27361	0.000699253	0.369556	-2.70595	0.00551677	2.01854	2.01854	0.262277	1.25241	1.25241	6.35524	3.73182	0.521958	1
cg02836478	HOXB3	0.00878231	0.57209	1.26238	1.26238	0.000854835	7.72463	7.72463	0.01066	3.70714	3.70714	0.00922495	3.85285	3.85285	0.833816	0.917828	-1.08953	0.0300238	2.83385	2.83385	0.0889992	0.4651	-2.15008	0.501304	1.32121	1.32121	0.448024	1.37105	1.37105	6.16001	16.2497	2.34483	1
cg21399057	HOXB3	0.017674	0.0708723	1.9597	1.9597	0.00372324	3.69199	3.69199	0.0292718	2.35406	2.35406	0.0118302	2.85125	2.85125	0.821414	0.927399	-1.07828	0.508675	0.799706	-1.25046	0.0930393	0.540099	-1.85151	0.907102	1.03968	1.03968	0.0635754	2.00441	2.00441	4.90515	8.63382	1.56458	1
cg01990102	HOXB3	0.0181678	0.35909	1.27107	1.27107	0.363388	0.788513	-1.26821	0.610924	0.877649	-1.13941	0.155167	1.47248	1.47248	0.791041	0.934684	-1.06988	0.378436	1.25842	1.25842	0.00398351	0.373568	-2.67689	0.00832944	2.35787	2.35787	0.042224	0.551441	-1.81343	4.85993	4.98009	0.910867	1
cg26622699	HOXB3	0.019773	0.0180933	6.39198	6.39198	0.00703224	9.50298	9.50298	0.0631469	3.85945	3.85945	0.0423349	4.53136	4.53136	0.0667072	3.77525	3.77525	0.0296122	5.23206	5.23206	0.00393833	12.2619	12.2619	0.0163824	6.6582	6.6582	0.0891955	3.35731	3.35731	4.72283	31.2321	5.87822	1
cg23551720	HOXB3	0.0199507	0.0793444	4.1126	4.1126	0.00233195	21.8889	21.8889	0.0274771	6.64107	6.64107	0.0421112	5.47475	5.47475	0.050815	5.03012	5.03012	0.0617111	4.60809	4.60809	0.0084583	11.484	11.484	0.0223986	7.28903	7.28903	0.0492526	5.10144	5.10144	4.70851	39.309	7.42089	1
cg10165801	HOXB3	0.0209911	0.243336	1.61286	1.61286	0.00298497	4.92833	4.92833	0.0467488	2.43876	2.43876	0.178035	1.75132	1.75132	0.206533	0.593534	-1.68482	0.0390668	2.5476	2.5476	0.823696	0.916337	-1.0913	0.00634644	4.01989	4.01989	0.204377	1.68948	1.68948	4.6277	11.2367	2.15834	1
cg00524443	HOXB3	0.0217396	0.404114	1.39863	1.39863	0.000870581	7.12037	7.12037	0.0478274	2.43317	2.43317	0.16606	1.78679	1.78679	0.371369	0.697185	-1.43434	0.116901	1.95308	1.95308	0.284335	0.645921	-1.54818	0.669698	1.18368	1.18368	0.0634381	2.27102	2.27102	4.57257	11.1844	2.17421	1
cg23014425	HOXB3	0.0217422	0.748145	1.23632	1.23632	0.000645103	31.4158	31.4158	0.0215369	6.1589	6.1589	0.729911	1.25637	1.25637	0.48665	0.627857	-1.59272	0.32027	1.96656	1.96656	0.475764	1.61209	1.61209	0.0333204	5.14448	5.14448	0.38827	1.79012	1.79012	4.57238	31.4022	6.1047	1
cg27656658	HOXB3	0.0230389	0.0164107	55.8806	55.8806	0.00621884	133.339	133.339	0.0474251	22.4445	22.4445	?	?	?	0.221748	5.82268	5.82268	0.133935	9.18264	9.18264	0.006864	121.77	121.77	0.0193013	48.5173	48.5173	0.168842	7.47143	7.47143	4.56166	120.846	26.4917	1
cg11862714	HOXB3	0.0284997	0.0287312	3.37787	3.37787	0.0111219	4.48992	4.48992	0.989674	0.993912	-1.00613	0.0555311	2.78389	2.78389	0.247473	0.56522	-1.76922	0.0771344	2.5277	2.5277	0.605606	0.782101	-1.27861	0.0374883	0.320137	-3.12366	0.253837	1.75462	1.75462	4.16174	14.6744	3.13424	1
cg21872782	HOXB3	0.0298145	0.0330949	6.96135	6.96135	0.00545443	17.232	17.232	0.0432205	6.11709	6.11709	0.0593897	5.24552	5.24552	0.0422935	6.18158	6.18158	0.09827	4.10499	4.10499	0.0202384	8.85059	8.85059	0.0156124	10.0624	10.0624	0.0485282	5.78387	5.78387	4.09584	39.343	8.53832	1
cg21853871	HOXB3	0.0313612	0.0427075	5.53986	5.53986	0.00367616	17.8439	17.8439	0.0174053	8.37045	8.37045	0.321072	2.12188	2.12188	0.876518	0.892163	-1.12087	0.40365	1.87219	1.87219	0.0302435	6.48561	6.48561	0.0239119	7.2247	7.2247	0.0701026	4.41917	4.41917	4.02277	34.3082	7.58089	1
cg04800503	HOXB3	0.0368335	0.172021	2.46231	2.46231	0.00102481	20.4258	20.4258	0.0606703	3.70943	3.70943	0.146455	2.62781	2.62781	0.493863	0.650084	-1.53826	0.264304	2.05686	2.05686	0.983815	1.01265	1.01265	0.104621	3.00252	3.00252	0.373276	1.76214	1.76214	3.7961	23.0981	5.40861	1
cg16787431	HOXB3	0.038843	0.0460319	12.1387	12.1387	0.0115752	31.4056	31.4056	0.0235696	19.1482	19.1482	0.0779561	8.48734	8.48734	0.0771841	8.54518	8.54518	0.212715	4.19113	4.19113	0.0101916	34.3754	34.3754	0.0270329	17.4324	17.4324	0.065118	9.5936	9.5936	3.72309	70.2943	16.7828	1
cg13187349	HOXB3	0.0393025	0.193566	3.00036	3.00036	0.0153421	10.7695	10.7695	0.184057	3.08166	3.08166	0.052794	5.80163	5.80163	0.0333446	7.28791	7.28791	0.120427	3.83946	3.83946	0.0130089	11.7191	11.7191	0.0186408	9.75475	9.75475	0.0173605	10.113	10.113	3.70705	37.4515	8.98026	1
cg03453744	HOXB3	0.0396441	0.0518153	7.43014	7.43014	0.0136471	15.8776	15.8776	0.0341692	9.39363	9.39363	0.0683688	6.35559	6.35559	0.071698	6.18716	6.18716	0.0508769	7.50696	7.50696	0.0214942	12.2198	12.2198	0.0235123	11.6101	11.6101	0.0274384	10.6347	10.6347	3.69527	48.0699	11.5631	1
cg13293524	HOXB3	0.0450615	0.321191	1.4993	1.4993	0.0140437	3.3144	3.3144	0.0115934	3.48029	3.48029	0.0316396	2.70643	2.70643	0.643263	0.831688	-1.20237	0.0768472	2.17607	2.17607	0.654284	0.836844	-1.19497	0.0630372	2.28487	2.28487	0.0790373	2.16102	2.16102	3.52372	8.7143	2.19826	1
cg24767968	HOXB3	0.0453385	0.949919	1.01905	1.01905	0.0483012	1.96996	1.96996	0.0745717	1.81639	1.81639	0.792412	1.08248	1.08248	0.0403548	0.490879	-2.03716	0.0168504	2.40168	2.40168	0.0931318	0.574062	-1.74197	0.307338	1.37371	1.37371	0.564425	1.19131	1.19131	3.51564	5.02686	1.27098	1
cg06395298	HOXB3;HOXB3	0.00290149	0.00477147	3.66273	3.66273	0.0214504	2.60503	2.60503	0.00320041	4.03256	4.03256	0.087757	1.92128	1.92128	0.127053	0.564506	-1.77146	0.00362337	3.91257	3.91257	0.225599	1.55419	1.55419	0.000387678	7.10582	7.10582	0.280891	1.47456	1.47456	8.64334	16.4357	1.69026	1
cg24761525	HOXB3;HOXB3	0.0468062	0.161782	1.68241	1.68241	0.00936396	3.15	3.15	0.00977904	3.11901	3.11901	0.036576	2.33007	2.33007	0.759807	1.11269	1.11269	0.0317986	2.40188	2.40188	0.385963	1.36271	1.36271	0.281315	1.47684	1.47684	0.0388278	2.30012	2.30012	3.47382	6.67083	1.70695	1
cg08089301	HOXB4	1.31E-09	0.0303576	0.840291	-1.19006	0.867679	0.988666	-1.01146	6.37E-08	3.49652	3.49652	0.000302013	0.669226	-1.49426	0.000672449	0.700771	-1.427	0.00289063	0.755758	-1.32317	0.185503	1.10073	1.10073	1.56E-11	35.5677	35.5677	0.00241396	1.33491	1.33491	391.693	28.9912	0.0657912	1
cg07015911	HOXB4	7.71E-05	0.0906435	1.59477	1.59477	0.220068	0.724094	-1.38104	0.000859863	3.50089	3.50089	0.418637	1.22987	1.22987	0.647579	0.89116	-1.12213	0.708979	0.910405	-1.09841	0.0136355	0.465821	-2.14675	1.54E-06	20.9452	20.9452	0.0110055	2.22245	2.22245	23.7348	23.563	0.882454	1
cg15565065	HOXB4	0.000122838	0.0685657	0.742155	-1.34743	0.128892	1.27127	1.27127	0.662751	0.937832	-1.06629	0.6359	0.932622	-1.07225	0.443485	0.892012	-1.12106	0.575609	1.08624	1.08624	0.398298	0.881183	-1.13484	1.24E-06	6.22088	6.22088	0.2624	1.18639	1.18639	20.9532	7.09931	0.301172	1
cg19081437	HOXB4	0.000132453	0.0275964	0.746515	-1.33956	0.00148548	1.67254	1.67254	0.00999324	1.44054	1.44054	0.118685	0.826896	-1.20934	0.756155	1.03558	1.03558	0.436617	0.91479	-1.09315	0.29324	0.884831	-1.13016	3.17E-06	3.45494	3.45494	0.101505	1.22288	1.22288	20.5332	4.0956	0.1773	1
cg10953655	HOXB4	0.000656073	0.0834697	0.778499	-1.28452	0.730865	1.04616	1.04616	0.00228177	0.572614	-1.74638	0.0805278	0.776217	-1.2883	0.00065235	0.505115	-1.97975	0.0245594	0.704698	-1.41905	0.000851793	0.519425	-1.92521	0.000538769	2.0207	2.0207	0.175081	0.828221	-1.20741	13.2491	3.58386	0.240442	1
cg09194159	HOXB4	0.000689824	0.822186	1.05982	1.05982	0.0199138	2.06536	2.06536	0.00863918	2.37303	2.37303	0.899754	1.03306	1.03306	0.754127	0.922106	-1.08447	0.914858	0.972774	-1.02799	0.470889	0.827524	-1.20842	8.95E-06	11.9881	11.9881	0.213232	1.4026	1.4026	13.0644	13.7843	0.93787	1
cg07438617	HOXB4	0.000772279	0.0848943	0.702278	-1.42394	0.0150354	1.74088	1.74088	0.168052	1.31326	1.31326	0.0018425	0.440263	-2.27137	0.903137	0.977669	-1.02284	0.601556	0.906897	-1.10266	0.138434	1.34432	1.34432	3.93E-05	4.30389	4.30389	0.45234	1.1526	1.1526	12.657	6.89742	0.484399	1
cg26327071	HOXB4	0.00184405	0.449347	0.799908	-1.25014	0.523994	1.20564	1.20564	0.607309	1.16198	1.16198	0.584419	1.17346	1.17346	0.903681	1.03568	1.03568	0.389848	1.29071	1.29071	0.00656177	0.359682	-2.78023	3.78E-05	9.88214	9.88214	0.916336	1.0309	1.0309	9.87227	13.1136	1.18074	1
cg21546671	HOXB4	0.00237182	0.391585	0.865553	-1.15533	0.209149	1.24328	1.24328	0.000325404	0.384545	-2.60048	0.412634	1.14772	1.14772	0.254043	0.82208	-1.21643	0.289954	0.834716	-1.19801	0.664276	1.07447	1.07447	0.000480134	2.46243	2.46243	0.802394	0.959593	-1.04211	9.17287	3.9308	0.380911	1
cg12806763	HOXB4	0.00305798	0.18035	0.697162	-1.43439	0.706198	0.908437	-1.10079	0.917538	0.974081	-1.02661	0.632624	0.885038	-1.12989	0.430468	0.815417	-1.22637	0.202176	0.710732	-1.407	0.426844	1.22842	1.22842	4.39E-05	7.13171	7.13171	0.530107	1.17501	1.17501	8.50962	8.66581	0.905204	1
cg17144149	HOXB4	0.0031189	0.23552	0.647288	-1.54491	0.0105772	3.08033	3.08033	0.00221523	4.48234	4.48234	0.0128537	2.94724	2.94724	0.017584	2.74766	2.74766	0.197257	1.61108	1.61108	0.0265549	0.398586	-2.50887	0.00182248	4.71237	4.71237	0.646121	0.85065	-1.17557	8.45986	16.4011	1.72328	1
cg02132714	HOXB4	0.00335852	0.105268	2.56715	2.56715	0.0127621	5.19706	5.19706	0.00429475	7.64693	7.64693	0.183581	0.471637	-2.12028	0.497671	1.44304	1.44304	0.191583	0.478808	-2.08852	0.235445	0.515635	-1.93935	0.000254237	24.7945	24.7945	0.710917	0.820119	-1.21934	8.27526	37.1889	3.99465	1
cg14345497	HOXB4	0.00425468	0.0132355	2.4219	2.4219	0.73182	0.90565	-1.10418	0.00693527	2.73598	2.73598	0.0722379	1.7824	1.7824	0.621638	0.866483	-1.15409	0.855891	0.948977	-1.05377	0.167057	1.52859	1.52859	0.00012472	6.86333	6.86333	0.182931	1.50249	1.50249	7.7075	10.1307	1.16835	1
cg22660147	HOXB4	0.00579979	0.0359804	1.56133	1.56133	0.0799729	1.42591	1.42591	0.30068	0.822123	-1.21636	0.479559	1.14027	1.14027	0.656775	1.08511	1.08511	0.243327	0.800142	-1.24978	0.451577	0.869291	-1.15036	0.000125458	3.38757	3.38757	0.566621	1.11159	1.11159	7.01216	3.70439	0.469582	1
cg24114154	HOXB4	0.00951083	0.228445	0.537117	-1.86179	0.0128543	4.56776	4.56776	0.68969	0.820908	-1.21816	0.068082	2.73092	2.73092	?	?	?	0.808419	1.12687	1.12687	0.200635	1.9438	1.9438	0.000428491	15.4995	15.4995	0.355368	1.59596	1.59596	6.12687	20.8539	3.40367	1
cg14458834	HOXB4	0.0166532	0.036871	2.05568	2.05568	0.458279	1.25169	1.25169	0.198623	0.667779	-1.4975	0.738172	1.10486	1.10486	0.37247	1.31281	1.31281	0.978817	0.992139	-1.00792	0.0808543	0.562467	-1.77788	0.0006418	4.74613	4.74613	0.655351	1.14286	1.14286	5.00383	7.00208	1.24386	1
cg20693334	HOXB4	0.0192273	0.310327	1.57948	1.57948	0.293696	1.60683	1.60683	0.4039	1.45048	1.45048	0.64733	0.818274	-1.22208	0.190321	0.546676	-1.82924	0.076622	2.35736	2.35736	0.000830017	8.94723	8.94723	0.015148	3.66659	3.66659	0.242716	1.70289	1.70289	4.76784	14.3163	2.66905	1
cg05527785	HOXB4	0.0274194	0.660162	1.19684	1.19684	0.0366619	2.68032	2.68032	0.0429852	2.57481	2.57481	0.59227	0.802891	-1.2455	0.236158	0.60404	-1.65552	0.866949	1.07047	1.07047	0.0177385	0.310078	-3.22499	0.00831889	3.93445	3.93445	0.724974	1.15424	1.15424	4.21877	11.019	2.32169	1
cg27496615	HOXB4	0.0391824	0.185768	2.36781	2.36781	0.0618775	3.6393	3.6393	0.0457111	4.08512	4.08512	0.522043	1.48981	1.48981	0.629532	0.741841	-1.348	0.0407801	4.26699	4.26699	0.0113665	7.00628	7.00628	0.00490334	9.87808	9.87808	0.278122	1.99944	1.99944	3.71122	22.1851	5.31364	1
cg25145670	HOXB4	0.0399141	0.121039	1.4786	1.4786	0.970902	0.991551	-1.00852	0.50177	1.17186	1.17186	0.447186	1.19749	1.19749	0.826899	0.950329	-1.05227	0.637188	0.895373	-1.11685	0.0183773	1.94552	1.94552	0.00140867	2.93145	2.93145	0.396089	1.22405	1.22405	3.68606	3.15924	0.761847	1
cg10585948	HOXB4;HOXB3	0.000916515	0.240425	0.801658	-1.24741	3.28E-05	4.26817	4.26817	0.0296215	1.58502	1.58502	0.0249712	1.61578	1.61578	0.104906	0.727063	-1.3754	0.433323	1.15467	1.15467	0.0112985	0.565145	-1.76946	0.132163	1.33947	1.33947	0.254928	1.23838	1.23838	12.0606	6.17983	0.455466	1
cg04609859	HOXB4;HOXB4	0.00160166	0.447011	0.88522	-1.12966	0.706864	1.06123	1.06123	0.689499	0.938778	-1.06521	0.0672168	0.72422	-1.3808	0.121358	0.767819	-1.30239	0.95064	1.00979	1.00979	0.0395948	0.687711	-1.4541	5.34E-05	3.27366	3.27366	0.0166829	1.58361	1.58361	10.2833	4.03019	0.348368	1
cg13789775	HOXB4;HOXB4	0.0121913	0.643241	0.913193	-1.09506	0.0175222	1.75572	1.75572	0.822002	1.04485	1.04485	0.760853	0.942299	-1.06123	0.107729	0.710539	-1.40738	0.0387138	0.627457	-1.59373	0.913396	0.979042	-1.02141	0.00105306	2.56888	2.56888	0.159634	1.33986	1.33986	5.54495	3.32872	0.533614	1
cg04196862	HOXB5;LOC404266;LOC404266;LOC404266;LOC404266	0.00173803	0.466145	1.22444	1.22444	0.000176188	5.67768	5.67768	0.661599	1.12778	1.12778	0.0785592	0.586579	-1.7048	0.00398975	0.347641	-2.87653	0.0329364	1.97599	1.97599	0.0722054	0.578205	-1.72949	0.057091	1.79991	1.79991	0.180252	0.67807	-1.47477	10.0432	11.8567	1.04939	1
cg07318128	HOXB6	0.00345744	0.432263	1.26654	1.26654	0.162211	1.55264	1.55264	0.0140934	2.44332	2.44332	0.243433	1.4331	1.4331	0.525438	0.827204	-1.20889	0.0422938	0.501781	-1.9929	9.32E-05	7.80705	7.80705	0.124405	1.63313	1.63313	0.196931	1.4951	1.4951	8.20378	11.2936	1.22367	1
cg07547765	HOXB7	0.000102312	0.00120363	4.3384	4.3384	0.00021242	6.78629	6.78629	0.000198287	6.91933	6.91933	9.69E-05	8.54175	8.54175	0.0226442	2.32656	2.32656	0.19142	1.5341	1.5341	1.68E-05	15.4292	15.4292	0.000143004	7.60204	7.60204	0.141869	1.63011	1.63011	22.0056	33.3647	1.34773	1
cg25489169	HOXB7	0.000203877	0.159288	1.15709	1.15709	0.236516	0.886641	-1.12785	0.0327644	0.784825	-1.27417	0.752803	1.03112	1.03112	4.46E-05	2.11705	2.11705	0.0669537	1.22043	1.22043	6.39E-05	0.49004	-2.04065	0.519403	1.0654	1.0654	0.0097689	0.728366	-1.37294	18.2758	2.72356	0.132467	1
cg09998632	HOXB7	0.000363335	0.29777	1.32403	1.32403	0.786593	1.07312	1.07312	0.0167683	2.13631	2.13631	0.782575	1.07459	1.07459	0.0535804	0.565507	-1.76833	0.161932	0.678181	-1.47453	0.0874953	0.6123	-1.63319	1.30E-05	10.8049	10.8049	0.0035975	0.358767	-2.78732	15.608	16.7153	0.951949	1
cg24712277	HOXB7	0.000377423	0.0106968	2.94116	2.94116	0.131586	0.578486	-1.72865	0.0350579	2.28356	2.28356	0.867345	0.945338	-1.05782	0.038911	0.447568	-2.2343	0.547993	1.22681	1.22681	0.00471378	0.282909	-3.5347	1.51E-05	20.4188	20.4188	0.551182	0.816478	-1.22477	15.4455	27.6592	1.59179	1
cg23669081	HOXB7	0.000426505	0.175994	0.532725	-1.87714	0.353666	1.51846	1.51846	0.000370869	12.1054	12.1054	0.00927041	4.24266	4.24266	0.113246	2.12638	2.12638	0.557269	1.29668	1.29668	0.000253881	13.9952	13.9952	4.37E-05	29.7624	29.7624	0.00961726	4.19821	4.19821	14.9334	45.3125	2.69715	1
cg18773260	HOXB7	0.000468363	0.46622	0.801483	-1.24769	0.00468291	3.07088	3.07088	0.00510606	3.01715	3.01715	0.00711402	2.82246	2.82246	0.0836191	1.77083	1.77083	0.573184	0.843759	-1.18517	2.32E-05	12.4814	12.4814	0.000344317	5.58076	5.58076	0.045206	1.98517	1.98517	14.5518	20.5268	1.25387	1
cg02928991	HOXB7	0.000564468	0.0894854	0.76221	-1.31198	0.650461	1.06839	1.06839	0.0611767	0.736407	-1.35794	0.101115	0.770762	-1.29742	0.285271	0.851324	-1.17464	0.350299	0.869856	-1.14962	0.331745	1.1563	1.1563	9.59E-06	3.98596	3.98596	0.482135	1.10917	1.10917	13.8169	4.6027	0.296107	1
cg22502153	HOXB7	0.00138251	0.11034	0.700798	-1.42695	0.00766078	0.496427	-2.01439	0.364702	0.826704	-1.20962	0.0309815	1.6778	1.6778	0.0921057	0.684656	-1.46059	0.0127342	0.531291	-1.88221	4.49E-05	0.206349	-4.84615	0.698752	0.923616	-1.0827	0.429134	1.1793	1.1793	10.7282	7.09325	0.587715	1
cg21564235	HOXB7	0.00173193	0.447304	1.43384	1.43384	0.137446	2.10496	2.10496	0.687183	1.20725	1.20725	0.000378909	14.0428	14.0428	0.962454	0.978336	-1.02214	0.038614	0.328056	-3.04826	0.046742	0.346678	-2.88452	0.000294495	15.5454	15.5454	0.774883	0.875105	-1.14272	10.0535	34.4675	3.04748	1
cg17468987	HOXB7	0.00202292	0.0344641	0.838238	-1.19298	0.615202	1.03693	1.03693	0.00764989	0.782476	-1.278	0.215795	1.09769	1.09769	0.505042	0.95276	-1.04958	0.0246723	1.21094	1.21094	0.0440613	1.18001	1.18001	0.000204491	1.56091	1.56091	0.117597	0.885504	-1.1293	9.60994	0.779074	0.0720618	1
cg22291922	HOXB7	0.00237521	0.00840829	6.24866	6.24866	0.25827	0.526157	-1.90057	0.569005	0.730995	-1.368	0.00689454	6.71329	6.71329	0.408966	0.631448	-1.58366	0.361224	0.599929	-1.66686	0.147399	0.429005	-2.33098	0.000125264	38.0011	38.0011	0.740236	1.19857	1.19857	9.16902	43.0355	4.17207	1
cg24766650	HOXB7	0.00288065	0.33834	1.18397	1.18397	0.382013	1.1658	1.1658	0.0698667	1.41459	1.41459	0.226161	1.24291	1.24291	0.198022	0.792324	-1.26211	0.301711	1.20091	1.20091	0.017599	0.610051	-1.63921	0.000116278	3.17595	3.17595	0.0731685	0.710412	-1.40763	8.66183	4.01628	0.412156	1
cg22622477	HOXB7	0.0180462	0.634973	1.21072	1.21072	0.0750614	2.20912	2.20912	0.00740195	3.97319	3.97319	0.0302423	2.76953	2.76953	0.197065	1.72506	1.72506	0.640131	1.20715	1.20715	0.0731582	2.22332	2.22332	0.000784773	7.61457	7.61457	0.122392	1.95299	1.95299	4.87093	12.3328	2.25059	1
cg14698646	HOXB7	0.0205122	0.0871938	2.26608	2.26608	0.241507	0.587986	-1.70072	0.0490002	2.6474	2.6474	0.0214626	3.30932	3.30932	0.153389	1.93903	1.93903	0.0374589	0.351394	-2.84581	0.0240631	3.20776	3.20776	0.0159385	3.59109	3.59109	0.635548	1.22974	1.22974	4.66427	13.8605	2.64145	1
cg09357097	HOXB7	0.0339042	0.0915993	0.541837	-1.84557	0.609686	0.843789	-1.18513	0.670403	1.15168	1.15168	0.00969604	2.94317	2.94317	0.10522	0.557689	-1.79311	0.222972	0.655452	-1.52567	0.0651706	0.505107	-1.97978	0.0354932	2.2424	2.2424	0.693908	1.13938	1.13938	3.91182	6.74201	1.532	1
cg11041817	HOXB7	0.0427389	0.74529	1.21075	1.21075	0.0354993	4.2046	4.2046	0.0194233	5.24849	5.24849	0.0202779	5.16534	5.16534	0.218126	2.13837	2.13837	0.472124	1.53587	1.53587	0.358538	1.74007	1.74007	0.00411984	9.55887	9.55887	0.0735188	3.22405	3.22405	3.59398	19.5933	4.84595	1
cg17584085	HOXB7;HOXB7	4.44E-05	0.016996	0.48659	-2.05512	1.97E-05	0.117583	-8.50461	0.00581776	0.409066	-2.4446	7.13E-05	5.9994	5.9994	2.54E-05	0.126426	-7.90974	0.0506156	0.576212	-1.73547	0.0404161	0.556624	-1.79655	0.192975	1.40632	1.40632	0.100412	0.640553	-1.56115	27.4721	26.6506	0.862308	1
cg25928579	HOXB8	3.54E-05	0.674963	0.941094	-1.06259	0.265433	1.18183	1.18183	0.47237	0.900124	-1.11096	0.178338	1.22858	1.22858	0.00581893	0.594577	-1.68187	1.24E-05	3.76518	3.76518	0.000536937	0.460587	-2.17114	7.20E-06	4.16352	4.16352	0.1642	1.23822	1.23822	29.1621	9.57096	0.291732	1
cg05999049	HOXB8	9.40E-05	0.00164051	0.497322	-2.01077	0.232147	1.21425	1.21425	9.65E-06	4.37474	4.37474	0.2897	1.1856	1.1856	0.0500502	0.707397	-1.41363	0.0158844	0.632813	-1.58025	0.00179435	0.502479	-1.99013	0.000944713	2.14656	2.14656	0.645514	1.0744	1.0744	22.5107	8.55673	0.337882	1
cg03107393	HOXB8	0.000212972	0.327415	0.779277	-1.28324	0.042485	1.77945	1.77945	0.041612	1.78512	1.78512	0.052712	1.72162	1.72162	0.412541	0.813287	-1.22958	0.472212	0.834952	-1.19767	0.0105267	0.452033	-2.21223	3.78E-06	14.3275	14.3275	0.130744	1.49564	1.49564	18.0606	17.4063	0.85669	1
cg21476673	HOXB8	0.000303784	0.821879	0.961452	-1.04009	0.506434	0.88912	-1.12471	0.657984	1.08077	1.08077	0.792572	1.04702	1.04702	0.716269	0.938348	-1.0657	0.961623	1.00842	1.00842	0.0428419	0.666055	-1.50138	3.15E-06	6.87175	6.87175	0.390805	1.16567	1.16567	16.3938	7.89149	0.427885	1
cg14237746	HOXB8	0.000492764	0.00184771	0.449499	-2.2247	0.000285097	3.1194	3.1194	0.0148831	1.66649	1.66649	0.393623	1.149	1.149	0.00801246	0.554846	-1.8023	0.0298485	0.651676	-1.53451	0.000972527	0.404321	-2.47328	?	?	?	?	?	?	25.0197	7.28822	0.249685	1
cg25116388	HOXB8	0.000502284	0.4073	0.798352	-1.25258	0.000230454	5.07691	5.07691	0.55554	0.853502	-1.17164	0.33821	1.29991	1.29991	0.848863	0.950576	-1.05199	0.220042	0.709921	-1.40861	0.0035754	0.350474	-2.85328	8.53E-05	6.52285	6.52285	0.0835739	0.601208	-1.66332	14.2725	15.9555	0.993709	1
cg08151857	HOXB8	0.00129494	0.00602077	0.0958153	-10.4367	0.126973	2.94103	2.94103	0.00491432	11.4204	11.4204	0.00175558	0.0542691	-18.4267	0.592684	0.702644	-1.4232	0.963149	0.970256	-1.03066	0.0331665	0.196426	-5.09097	0.000669159	30.0222	30.0222	0.639457	1.36119	1.36119	10.9313	73.9468	6.01307	1
cg04453140	HOXB8	0.00145291	0.475662	0.894085	-1.11846	0.286589	0.842991	-1.18625	0.761097	1.04819	1.04819	0.826242	1.03452	1.03452	0.255661	0.832639	-1.201	0.00197279	1.96376	1.96376	0.196278	0.809856	-1.23479	4.35E-05	3.31123	3.31123	0.776108	1.04499	1.04499	10.5762	3.99038	0.335376	1
cg06760710	HOXB8	0.00158945	0.0173202	0.615498	-1.6247	0.00369289	0.51841	-1.92898	0.0100945	0.580707	-1.72204	0.707897	1.06505	1.06505	0.00212949	0.48542	-2.06007	0.0363234	0.665326	-1.50302	0.000149291	0.335917	-2.97693	0.123177	1.32264	1.32264	0.745632	0.946956	-1.05601	10.3061	4.57613	0.394686	1
cg27294582	HOXB8	0.00286133	0.0261069	2.47121	2.47121	0.340817	0.714317	-1.39994	0.798847	0.916199	-1.09147	0.0814499	0.515871	-1.93847	0.00740101	0.306489	-3.26276	0.0586439	0.480909	-2.07939	0.0200552	0.382294	-2.61579	0.000449117	6.66465	6.66465	0.731205	0.888532	-1.12545	8.67912	16.1463	1.65365	1
cg10505324	HOXB8	0.00331567	0.739335	0.925311	-1.08072	0.116806	1.48601	1.48601	0.22347	1.34626	1.34626	0.00735726	0.447973	-2.23228	0.000127079	0.21222	-4.71209	0.0575905	0.607037	-1.64735	0.522747	1.16251	1.16251	0.657486	1.1093	1.1093	0.130533	0.684142	-1.46169	8.30704	7.10969	0.760767	1
cg17046890	HOXB8	0.00689616	0.048719	0.515532	-1.93974	0.133394	0.620959	-1.61041	0.00677121	0.355946	-2.80941	0.593715	0.853445	-1.17172	0.444909	0.795167	-1.2576	0.000660771	0.215452	-4.6414	0.112721	0.601611	-1.6622	0.0229068	2.22792	2.22792	0.0550634	0.527196	-1.89683	6.646	9.11757	1.21946	1
cg27464311	HOXB8	0.0114658	0.275827	1.30578	1.30578	0.000472298	0.274557	-3.64223	0.738829	0.924272	-1.08193	0.390664	0.813013	-1.22999	0.00374742	0.398098	-2.51194	0.504395	0.852623	-1.17285	0.686326	0.908872	-1.10026	0.172499	0.710546	-1.40737	0.0980227	0.652367	-1.53288	5.6563	4.96202	0.779784	1
cg06602723	HOXB8	0.0135652	0.120891	1.69581	1.69581	0.976035	1.00948	1.00948	0.477099	0.79692	-1.25483	0.126504	1.68044	1.68044	0.0721513	0.532476	-1.87802	0.542294	1.21372	1.21372	0.0212003	2.38688	2.38688	0.000702913	5.06348	5.06348	0.161417	1.59935	1.59935	5.35505	8.36273	1.38814	1
cg15539420	HOXB8;HOXB8	0.000172258	0.685401	0.906935	-1.10262	0.0181088	1.99061	1.99061	0.150856	1.44667	1.44667	0.00205427	2.83379	2.83379	0.00236452	2.76511	2.76511	0.000557412	3.61217	3.61217	0.000511427	3.67443	3.67443	5.51E-06	11.7388	11.7388	0.0153434	2.04162	2.04162	19.129	17.4292	0.809902	1
cg22913933	HOXB8;HOXB8	0.0107746	0.259821	1.3305	1.3305	0.0288595	0.534703	-1.8702	0.235077	1.35301	1.35301	0.123358	0.666656	-1.50002	0.0885988	0.633585	-1.57832	0.0057005	0.414465	-2.41275	0.823381	0.947141	-1.05581	0.00524982	2.44572	2.44572	0.110272	0.655195	-1.52626	5.77085	5.39405	0.830849	1
cg06755555	HOXB9	1.74E-06	1.85E-06	3.25846	3.25846	4.89E-06	2.82644	2.82644	0.664663	1.04439	1.04439	0.0455006	1.25662	1.25662	6.40E-05	2.07953	2.07953	6.50E-05	0.481678	-2.07608	6.15E-07	3.90771	3.90771	4.27E-05	2.17003	2.17003	0.134471	1.17436	1.17436	63.6842	10.004	0.139634	1
cg17611765	HOXB9	0.000364698	0.812033	1.01851	1.01851	0.0255635	1.2266	1.2266	1.46E-05	2.00071	2.00071	0.435777	1.06313	1.06313	0.0597078	0.849091	-1.17773	0.0277114	1.22183	1.22183	0.0498274	0.841778	-1.18796	0.00362583	1.35401	1.35401	0.00221849	1.391	1.391	15.5919	1.46367	0.0834434	1
cg15117739	HOXB9	0.000652973	0.0360222	1.52077	1.52077	0.658863	0.926471	-1.07936	0.024617	1.58422	1.58422	0.0127585	1.70211	1.70211	0.194802	1.26585	1.26585	0.438147	0.872892	-1.14562	0.00830967	1.78591	1.78591	1.55E-05	4.64584	4.64584	0.00196523	2.1214	2.1214	13.2667	6.20849	0.415978	1
cg12057127	HOXB9	0.000774804	0.00775924	1.65946	1.65946	0.440576	0.890022	-1.12357	0.369798	0.87246	-1.14618	0.0386666	1.42582	1.42582	0.166779	0.803829	-1.24405	0.0131408	0.634107	-1.57702	0.000980701	0.483801	-2.06697	0.000259601	2.43539	2.43539	0.0340393	1.44267	1.44267	12.6454	4.39494	0.308935	1
cg03697136	HOXB9	0.00181865	0.961208	0.989931	-1.01017	0.702498	1.08312	1.08312	0.000103828	4.17121	4.17121	0.614792	0.899803	-1.11135	0.468381	1.16592	1.16592	0.320322	1.2382	1.2382	0.000426918	3.19136	3.19136	0.00530171	2.14812	2.14812	0.517079	1.14645	1.14645	9.91209	6.79634	0.609477	1
cg03218689	HOXB9	0.00663817	0.122372	0.694097	-1.44072	0.0433041	0.602339	-1.66019	0.00352057	2.37039	2.37039	0.848103	0.959041	-1.04271	0.286838	0.785674	-1.27279	0.561066	0.879692	-1.13676	0.0493953	1.63087	1.63087	0.00503592	2.24586	2.24586	0.0122037	1.97602	1.97602	6.72531	5.06654	0.669649	1
cg25078137	HOXB9	0.0119296	0.435941	0.866082	-1.15463	0.0282412	0.625874	-1.59777	0.330467	1.1992	1.1992	0.102073	1.38221	1.38221	0.101064	0.722657	-1.38378	0.0395779	0.650141	-1.53813	0.00454527	0.504717	-1.98131	0.00469662	0.506774	-1.97327	0.370794	1.18086	1.18086	5.58414	2.89393	0.460658	1
cg23245942	HOXB9	0.0148126	0.0341578	2.20215	2.20215	0.396602	1.31948	1.31948	0.00564377	3.19006	3.19006	0.0238393	2.36611	2.36611	0.997622	1.00095	1.00095	0.0604598	0.508585	-1.96624	0.402637	0.760681	-1.31461	0.689276	1.13696	1.13696	0.00552876	3.2043	3.2043	5.20227	8.40371	1.4359	1
cg04917446	HOXB9	0.028344	0.0993508	3.89842	3.89842	0.621355	1.45498	1.45498	0.121201	3.54521	3.54521	0.175002	2.9637	2.9637	0.98488	0.985828	-1.01438	0.718528	0.761392	-1.31338	0.00106526	38.2123	38.2123	0.0161367	9.17995	9.17995	0.122391	3.52859	3.52859	4.16979	37.4626	7.98604	1
cg12370791	HOXB9;HOXB9	0.000875251	0.134941	0.654007	-1.52904	0.411418	0.801469	-1.24771	0.703478	1.10602	1.10602	0.0484554	0.552082	-1.81133	0.000811374	3.78423	3.78423	0.353302	0.777516	-1.28615	0.000834657	0.265823	-3.7619	0.000378031	4.46751	4.46751	0.46967	1.21388	1.21388	12.2185	13.4355	0.977421	1
cg08737755	HOXC10	2.60E-07	0.00209319	1.30357	1.30357	1.96E-06	3.09763	3.09763	3.23E-06	2.77895	2.77895	1.26E-05	2.1735	2.1735	?	?	?	2.45E-05	0.50763	-1.96994	2.47E-05	0.508179	-1.96781	3.10E-08	0.0744287	-13.4357	3.30E-05	1.89257	1.89257	781.589	23.0386	0.0184229	1
cg13615998	HOXC10	2.98E-07	1.62E-06	2.85551	2.85551	3.61E-06	0.388917	-2.57124	0.00507767	0.72461	-1.38005	0.353835	1.0865	1.0865	1.16E-06	0.334012	-2.9939	0.127484	0.866476	-1.1541	5.28E-07	0.297066	-3.36625	1.80E-06	2.81583	2.81583	0.0362992	0.809231	-1.23574	99.8039	11.9541	0.106467	1
cg00699029	HOXC10	6.31E-06	0.158329	0.774403	-1.29132	9.20E-07	9.04464	9.04464	0.000101536	3.21351	3.21351	0.537576	0.899584	-1.11162	0.0175983	0.612832	-1.63177	0.222538	0.804678	-1.24273	0.000159599	0.334917	-2.98582	9.24E-06	5.07574	5.07574	0.672249	0.930401	-1.07481	45.6974	20.8001	0.404596	1
cg08900043	HOXC10	1.23E-05	0.641522	0.915225	-1.09263	4.50E-06	7.33625	7.33625	9.46E-06	6.07892	6.07892	0.230383	1.26837	1.26837	0.918358	1.01956	1.01956	0.4765	1.14657	1.14657	0.100962	0.712212	-1.40408	1.80E-06	9.46592	9.46592	0.0067287	1.94236	1.94236	38.4544	21.7396	0.50252	1
cg20402783	HOXC10	6.18E-05	0.333953	0.751691	-1.33033	0.000355187	0.193512	-5.16765	0.448541	0.801545	-1.24759	0.0421119	0.511346	-1.95562	0.000342288	0.19175	-5.21512	0.00306116	0.312974	-3.19515	0.000151726	0.155404	-6.43486	3.08E-05	10.2809	10.2809	0.00125788	0.259544	-3.85291	25.172	32.7059	1.15493	1
cg20403938	HOXC10	0.000122588	0.00515298	0.420679	-2.37711	0.420641	1.2127	1.2127	0.0664804	0.617304	-1.61995	9.12E-05	5.14931	5.14931	0.00081386	0.30626	-3.2652	0.011433	0.476218	-2.09988	0.238941	1.33521	1.33521	0.000109874	4.93315	4.93315	0.0111268	2.10857	2.10857	20.9647	18.2428	0.773484	1
cg16898193	HOXC10	0.000157372	0.0868111	0.712051	-1.40439	0.0751753	0.70063	-1.42729	0.10473	0.727322	-1.37491	0.692512	0.931119	-1.07398	0.763025	0.94715	-1.0558	0.69072	1.07445	1.07445	0.351447	0.841818	-1.1879	2.19E-06	8.02727	8.02727	0.106607	0.728791	-1.37213	19.6017	10.0094	0.453903	1
cg22267551	HOXC10	0.000161686	0.0267324	0.648671	-1.54161	0.00264598	0.503649	-1.98551	0.125191	0.760583	-1.31478	0.1022	1.34303	1.34303	0.0153058	0.61205	-1.63385	0.34931	0.853106	-1.17219	0.00518032	0.544147	-1.83774	8.95E-06	4.88876	4.88876	0.0614716	0.70653	-1.41537	19.4591	8.37971	0.382783	1
cg06193958	HOXC10	0.000208271	8.11E-05	0.240932	-4.15055	0.000966097	0.373956	-2.67411	0.0336346	0.608478	-1.64344	0.000553117	0.34189	-2.92492	0.000149748	0.271506	-3.68315	0.00119498	0.386489	-2.5874	8.06E-05	0.240602	-4.15623	0.00175112	0.409441	-2.44235	0.0106662	0.525886	-1.90155	18.1703	11.5343	0.564254	1
cg04710764	HOXC10	0.000376411	0.988327	0.998538	-1.00146	0.00039777	1.75716	1.75716	0.000883545	1.64593	1.64593	0.0316538	1.28649	1.28649	0.135582	0.851424	-1.1745	0.792369	1.02673	1.02673	0.000128104	0.513744	-1.94649	0.00749613	1.41084	1.41084	0.861018	1.01768	1.01768	15.4569	2.44781	0.140768	1
cg02009895	HOXC10	0.000443189	0.066787	1.55103	1.55103	0.631644	1.10867	1.10867	0.0140475	1.91096	1.91096	0.000305852	3.49874	3.49874	0.400542	0.832118	-1.20175	0.996737	0.999127	-1.00087	0.433827	0.843187	-1.18598	1.30E-05	7.06024	7.06024	0.606724	1.11728	1.11728	14.7759	10.6743	0.642145	1
cg21623748	HOXC10	0.000674483	0.0218314	1.73583	1.73583	0.00342143	0.450682	-2.21886	0.22484	1.29107	1.29107	0.000613861	2.87815	2.87815	?	?	?	0.00254053	2.3149	2.3149	0.00127028	0.389777	-2.56557	0.998267	0.999565	-1.00044	0.861078	1.03572	1.03572	13.464	7.61143	0.565318	1
cg16527095	HOXC10	0.00117231	0.00224023	0.583564	-1.71361	0.000198873	0.455453	-2.19562	0.000586595	0.512416	-1.95154	0.0732518	0.777711	-1.28583	0.00208865	0.579828	-1.72465	0.269677	0.865314	-1.15565	0.00171379	0.56929	-1.75657	0.00888332	0.657662	-1.52054	0.0107428	0.66803	-1.49694	11.2464	2.82128	0.222987	1
cg26153631	HOXC10	0.00391276	0.46287	0.83091	-1.2035	0.650692	1.11962	1.11962	0.113174	1.53317	1.53317	0.161837	0.690543	-1.44814	0.0846718	0.623321	-1.60431	0.75372	0.92495	-1.08114	0.664179	0.897377	-1.11436	7.83E-05	5.87729	5.87729	0.725591	0.916355	-1.09128	7.90483	7.69241	0.865003	1
cg19310604	HOXC10	0.00418116	0.184787	0.669707	-1.49319	0.0716792	1.774	1.774	0.996536	1.00124	1.00124	0.645924	0.876463	-1.14095	0.220981	0.692988	-1.44303	0.94992	0.982256	-1.01806	0.236397	0.702129	-1.42424	7.96E-05	7.62796	7.62796	0.820937	1.06675	1.06675	7.74822	9.97018	1.1438	1
cg04981737	HOXC10	0.00451398	0.000957931	0.393347	-2.54229	0.0229444	0.596898	-1.67533	0.185384	0.766171	-1.30519	0.0265688	0.607409	-1.64634	0.00599144	0.505997	-1.97629	0.0223688	0.595091	-1.68041	0.000706608	0.375731	-2.66148	0.0891188	0.70077	-1.427	0.00818254	0.526356	-1.89985	7.57059	4.31274	0.506373	1
cg16295056	HOXC10	0.0131754	0.243236	1.59139	1.59139	0.0035289	0.22201	-4.50429	0.022892	0.354953	-2.81727	0.408987	0.725197	-1.37894	0.123306	0.529844	-1.88735	0.0493854	0.425991	-2.34747	0.00439438	0.235261	-4.25059	0.0155597	0.32341	-3.09205	0.0405668	0.406644	-2.45916	5.40641	12.3961	2.03809	1
cg19898108	HOXC10	0.0134078	0.0178551	0.399219	-2.50489	0.119348	0.58331	-1.71436	0.171496	0.628583	-1.59088	0.372932	0.746979	-1.33873	0.0164824	0.392796	-2.54585	0.138284	0.60113	-1.66353	0.00134413	0.226325	-4.41842	0.00464377	0.30095	-3.32281	0.0154837	0.387834	-2.57843	5.37557	8.65945	1.4319	1
cg03762366	HOXC11	1.61E-05	2.11E-05	0.301583	-3.31583	0.0161269	0.662564	-1.50929	0.000199743	0.417611	-2.39457	0.000603061	2.09524	2.09524	3.05E-06	0.21174	-4.72277	0.572785	0.923411	-1.08294	0.364753	0.877901	-1.13908	0.031903	1.42131	1.42131	0.000199206	0.417467	-2.3954	35.8571	11.1029	0.275239	1
cg12599390	HOXC11	6.37E-05	0.0782772	0.81316	-1.22977	0.00090309	0.591507	-1.6906	0.828432	1.02321	1.02321	0.115665	0.834585	-1.1982	0.186402	1.15964	1.15964	0.553578	0.938603	-1.06541	0.0183121	0.738795	-1.35356	1.69E-06	3.55691	3.55691	0.0545129	1.25942	1.25942	24.9686	4.42097	0.157388	1
cg03536474	HOXC11	8.77E-05	0.516193	1.22866	1.22866	1.71E-05	15.7727	15.7727	0.258999	1.4454	1.4454	0.00593068	3.08255	3.08255	0.816805	0.929983	-1.07529	0.157552	1.60441	1.60441	0.00153827	0.240389	-4.15992	1.55E-05	16.3623	16.3623	0.691468	0.882689	-1.1329	22.9283	35.5341	1.37759	1
cg07697238	HOXC11	0.000135507	0.00202654	2.29812	2.29812	0.00204398	0.43566	-2.29537	0.0586462	0.664757	-1.50431	0.00033226	3.02597	3.02597	0.000871205	0.384901	-2.59807	0.018549	0.579385	-1.72597	8.74E-05	0.260576	-3.83765	0.462864	1.15357	1.15357	0.04561	0.645209	-1.54989	20.4077	11.8119	0.514485	1
cg17273416	HOXC11	0.00013936	0.526529	1.14554	1.14554	0.00815311	2.04831	2.04831	0.000142649	4.00933	4.00933	0.739174	1.07331	1.07331	0.556571	1.13418	1.13418	0.00200294	2.51797	2.51797	0.0360772	0.596793	-1.67562	5.67E-06	8.72248	8.72248	0.0175424	1.84415	1.84415	20.2543	14.3819	0.63117	1
cg06630413	HOXC11	0.000143187	0.0780907	0.609999	-1.63935	0.0529159	1.74276	1.74276	0.275213	1.33194	1.33194	0.769058	0.928355	-1.07717	0.00178781	0.32551	-3.0721	0.00860391	0.429093	-2.33049	0.000829603	0.280587	-3.56396	1.15E-05	10.4825	10.4825	0.440183	0.819739	-1.2199	20.1071	20.3037	0.897576	1
cg04203883	HOXC11	0.0016741	0.778277	1.06811	1.06811	0.399019	1.22329	1.22329	0.000386579	3.74924	3.74924	0.701051	1.09422	1.09422	0.480569	0.845884	-1.1822	0.271566	0.765546	-1.30626	0.0164002	0.504245	-1.98316	0.00021601	4.22534	4.22534	0.677571	1.10252	1.10252	10.1528	8.76135	0.767068	1
cg23395715	HOXC11	0.00280859	0.890997	1.03729	1.03729	0.226966	0.712682	-1.40315	0.0551993	0.559663	-1.78679	0.173533	1.47206	1.47206	0.581035	1.16049	1.16049	0.300368	1.33185	1.33185	0.00780488	0.401739	-2.48918	0.000123091	5.98223	5.98223	0.584443	0.862882	-1.15891	8.72706	9.85544	1.00382	1
cg06708937	HOXC11	0.00432603	0.660921	0.914206	-1.09385	0.934281	1.0169	1.0169	0.644754	1.09894	1.09894	0.90419	0.975826	-1.02477	0.448459	0.854722	-1.16997	0.689939	0.921742	-1.0849	0.000962648	0.368249	-2.71555	0.000355115	3.20695	3.20695	0.703274	0.925177	-1.08087	7.66881	5.01573	0.581372	1
cg07123069	HOXC11	0.00782744	0.73993	0.919811	-1.08718	0.514662	1.18033	1.18033	0.310778	1.30101	1.30101	0.342676	1.278	1.278	0.955847	0.986204	-1.01399	0.0145537	0.469943	-2.12792	0.293676	0.760856	-1.31431	0.000242749	4.58461	4.58461	0.822831	1.05788	1.05788	6.3878	6.36946	0.886338	1
cg07035173	HOXC11	0.00894371	0.0902647	0.669473	-1.49371	0.951466	0.987002	-1.01317	0.0840033	0.663014	-1.50826	0.946099	1.01464	1.01464	0.391397	0.827991	-1.20774	0.0420348	0.604366	-1.65463	0.215213	0.755477	-1.32367	0.000441417	3.29607	3.29607	0.228757	0.762235	-1.31193	6.12455	4.48148	0.650421	1
cg03132556	HOXC11	0.0126239	0.152675	0.523442	-1.91043	0.519962	1.31736	1.31736	0.417185	1.41963	1.41963	?	?	?	0.000705885	0.112864	-8.86019	0.690755	1.18411	1.18411	0.226167	0.584453	-1.711	0.0285354	2.98033	2.98033	0.9016	0.949069	-1.05366	5.58898	14.0521	2.51426	1
cg08962452	HOXC11	0.0144676	0.963283	0.98536	-1.01486	0.0714861	0.524733	-1.90573	0.20861	0.653971	-1.52912	0.44794	0.780527	-1.28119	0.135193	0.596938	-1.67522	0.00606932	3.15192	3.15192	0.0289558	0.438248	-2.28181	0.0117952	2.73892	2.73892	0.177974	0.632171	-1.58185	5.24288	8.52343	1.44508	1
cg02384661	HOXC11	0.0220019	0.731983	0.923855	-1.08242	0.0311708	0.558448	-1.79068	0.564123	1.14376	1.14376	0.954946	1.0131	1.0131	0.132369	0.687899	-1.4537	0.0634927	0.618348	-1.61721	0.464933	0.842541	-1.18689	0.00184226	2.77013	2.77013	0.384739	1.2279	1.2279	4.55381	3.8277	0.747155	1
cg13855243	HOXC11	0.0226679	0.0689313	0.467653	-2.13834	0.347378	1.43517	1.43517	0.158758	1.75498	1.75498	0.248155	0.637123	-1.56956	0.0307282	0.387667	-2.57954	0.167441	0.577266	-1.73231	0.0265593	0.374696	-2.66883	0.0091578	3.4413	3.4413	0.740138	0.883129	-1.13234	4.50738	9.95302	1.96281	1
cg26386624	HOXC11	0.0234941	0.335906	0.648533	-1.54194	0.00561619	4.88731	4.88731	0.341624	1.53363	1.53363	0.408095	1.44669	1.44669	0.864358	1.07747	1.07747	0.872712	0.932418	-1.07248	0.874096	0.933135	-1.07166	0.00123942	7.8469	7.8469	0.877477	0.934887	-1.06965	4.45208	13.4295	2.6813	1
cg00796424	HOXC11	0.0385482	0.0423287	0.278058	-3.59638	0.0536851	0.30145	-3.3173	0.0772008	0.34117	-2.93109	0.373142	0.606282	-1.6494	0.19351	2.12349	2.12349	0.092681	2.75298	2.75298	0.020118	0.21556	-4.63909	0.178078	2.18852	2.18852	0.606234	0.752325	-1.32921	3.7335	17.7137	4.21736	1
cg15830509	HOXC11;HOXC11	0.00253307	0.660273	1.10331	1.10331	0.0315324	1.75161	1.75161	0.0171557	0.524324	-1.90722	0.612696	1.12016	1.12016	0.455372	0.844502	-1.18413	0.459138	1.1824	1.1824	0.00634686	0.453932	-2.20297	0.000191172	4.04345	4.04345	0.562044	0.877823	-1.13918	8.99717	7.04076	0.695602	1
cg19928450	HOXC12	6.10E-07	0.0962187	0.816622	-1.22456	0.00701857	0.679376	-1.47194	0.205198	0.862227	-1.15979	0.328959	0.894279	-1.11822	9.97E-07	4.16042	4.16042	0.0905501	0.81317	-1.22975	6.87E-06	0.330975	-3.02138	5.43E-08	7.94563	7.94563	0.102708	0.82036	-1.21898	83.1903	16.2048	0.173148	1
cg23750445	HOXC12	6.47E-05	0.000134365	3.06143	3.06143	8.92E-05	3.27537	3.27537	0.00413172	0.521796	-1.91646	0.000101433	3.20557	3.20557	0.558917	0.904865	-1.10514	0.151625	0.771171	-1.29673	0.00102696	0.439126	-2.27725	0.0962002	0.734191	-1.36204	0.0361583	0.662254	-1.51	24.8652	11.2667	0.402765	1
cg05589246	HOXC12	0.000131949	0.00117341	0.47128	-2.12188	0.0136021	1.61972	1.61972	0.0067835	1.7406	1.7406	0.738308	1.05439	1.05439	0.0139445	0.618948	-1.61564	0.69559	0.939773	-1.06409	0.0138927	0.618715	-1.61625	8.85E-06	4.58346	4.58346	0.254601	0.828693	-1.20672	20.5543	8.12304	0.351289	1
cg08045824	HOXC12	0.000594925	4.20E-05	0.417382	-2.39589	0.522373	1.07537	1.07537	0.00750201	1.47064	1.47064	0.024616	0.740837	-1.34982	0.100054	0.81713	-1.2238	0.0746482	0.800474	-1.24926	0.136302	0.835362	-1.19709	0.00524474	1.51083	1.51083	0.145397	1.19151	1.19151	13.6161	2.70865	0.176827	1
cg10810799	HOXC12	0.000970808	0.275933	0.744288	-1.34357	0.469781	0.825617	-1.21122	0.0500802	1.78989	1.78989	0.000171201	5.28216	5.28216	0.0466946	0.552403	-1.81027	0.452876	0.819333	-1.2205	0.052956	0.563765	-1.77379	0.000360092	4.44219	4.44219	0.26222	0.737399	-1.35612	11.8657	12.7605	0.955919	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg00920572	HOXC12	0.000992259	0.372687	1.2054	1.2054	0.673114	1.09048	1.09048	0.036098	1.64469	1.64469
cg26931862	HOXC12	0.00258516	0.777968	1.19662	1.19662	0.45263	0.61518	-1.62554	0.0928292	3.2356	3.2356
cg23063338	HOXC12	0.0429802	0.526123	0.820397	-1.21892	0.563072	0.835116	-1.19744	0.766549	0.912326	-1.0961
cg14212206	HOXC12	0.0457106	0.0401969	2.04872	2.04872	0.679853	0.882017	-1.13376	0.660171	0.87471	-1.14324
cg17085352	HOXC13	2.40E-07	0.707521	1.05473	1.05473	1.77E-06	0.185164	-5.40062	0.144244	1.24826	1.24826
cg10961753	HOXC13	3.06E-06	0.509153	1.08625	1.08625	0.910382	1.01401	1.01401	0.00721006	0.651554	-1.53479
cg15611413	HOXC13	3.35E-06	0.687126	1.0594	1.0594	0.843019	0.97214	-1.02866	0.549475	0.917314	-1.09014
cg01577751	HOXC13	2.65E-05	0.566592	1.10467	1.10467	0.928033	1.01565	1.01565	0.00573833	1.86316	1.86316
cg23922739	HOXC13	6.16E-05	5.62E-05	4.24233	4.24233	0.00152286	0.414333	-2.41352	0.000605606	2.77444	2.77444
cg25936147	HOXC13	0.00010858	0.526127	0.917465	-1.08996	0.0670051	0.759324	-1.31696	0.76332	0.96031	-1.04133
cg03239552	HOXC13	0.000109723	8.43E-05	0.0241459	-41.4148	0.00144125	11.3097	11.3097	0.0443874	3.37366	3.37366
cg07892422	HOXC13	0.000125328	0.784131	0.924267	-1.08194	0.033091	2.04336	2.04336	0.000596929	4.57017	4.57017
cg22830707	HOXC13	0.0001305	0.417134	1.10625	1.10625	0.90619	0.985747	-1.01446	0.0014674	1.74928	1.74928
cg24094550	HOXC13	0.000134112	0.55089	1.14473	1.14473	0.574464	0.880664	-1.13551	0.290267	1.27871	1.27871
cg03972398	HOXC13	0.000163707	0.00483001	2.15757	2.15757	0.00457402	2.17421	2.17421	0.286317	0.796305	-1.2558
cg04727865	HOXC13	0.000165088	0.166661	0.722507	-1.38407	0.466649	1.17737	1.17737	0.530934	1.15016	1.15016
cg16856286	HOXC13	0.000298512	0.116305	0.545691	-1.83254	8.80E-05	12.1112	12.1112	0.0598362	2.12476	2.12476
cg19977966	HOXC13	0.00158398	0.0848433	1.80876	1.80876	0.240834	1.46501	1.46501	0.0266988	2.26267	2.26267
cg20587394	HOXC13	0.00213454	0.184223	1.34659	1.34659	0.327894	0.80787	-1.23782	0.284463	1.26478	1.26478
cg00059246	HOXC13	0.00405963	0.0102049	0.413648	-2.41751	0.0133884	2.3044	2.3044	0.118242	0.629859	-1.58766
cg09106624	HOXC13	0.00424493	0.174593	1.56897	1.56897	0.0373684	2.1246	2.1246	0.70108	1.12784	1.12784
cg26283893	HOXC13	0.00545178	0.824916	0.934573	-1.07001	0.582714	1.18467	1.18467	0.856064	1.05702	1.05702
cg05771518	HOXC13	0.0222269	0.626862	0.867185	-1.15316	0.00624652	2.81968	2.81968	0.546002	1.1945	1.1945
cg11255394	HOXC13	0.0262568	0.266851	0.58859	-1.69897	0.138184	0.481245	-2.07794	0.301253	0.612173	-1.63353
cg20959780	HOXC13	0.0340341	0.0150561	0.395277	-2.52987	0.0626356	0.521609	-1.91714	0.103978	0.575658	-1.73714
cg25671500	HOXC13;HOXC13	0.0428827	0.281576	0.828323	-1.20726	0.00339212	1.95506	1.95506	0.0504748	1.45527	1.45527
cg22525581	HOXC4	5.04E-05	0.563133	0.872717	-1.14585	0.0461708	1.70244	1.70244	0.0107195	2.11039	2.11039
cg03207151	HOXC4	0.000153781	0.0563725	1.96803	1.96803	0.00386843	3.3852	3.3852	0.00320785	3.52724	3.52724
cg21476000	HOXC4	0.000233529	0.543818	0.856868	-1.16704	0.134131	1.501	1.501	0.165739	0.689612	-1.45009
cg02721000	HOXC4	0.00389809	0.0621057	4.12492	4.12492	0.00813492	9.83183	9.83183	0.0331378	5.36785	5.36785
cg15834355	HOXC4	0.00410284	0.0921219	2.70927	2.70927	0.0449652	3.44505	3.44505	0.037427	3.66281	3.66281
cg10366797	HOXC4	0.00425496	0.0610429	4.14207	4.14207	0.00185012	19.5958	19.5958	0.029569	5.61045	5.61045
cg05408649	HOXC4	0.010203	0.0263932	3.65887	3.65887	0.00139148	9.79935	9.79935	0.498674	1.40268	1.40268
cg19058685	HOXC4	0.010435	0.0722935	3.90386	3.90386	0.036529	5.20746	5.20746	0.113686	3.21775	3.21775
cg21216477	HOXC4	0.013395	0.0536272	6.87162	6.87162	0.0185493	12.3156	12.3156	0.0453307	7.53215	7.53215
cg21493516	HOXC4	0.0185067	0.060122	2.56831	2.56831	0.00199491	6.96749	6.96749	0.135366	2.04613	2.04613
cg05349837	HOXC4	0.0225344	0.0536446	3.02165	3.02165	0.0399704	3.31352	3.31352	0.763934	0.859001	-1.16414
cg11594833	HOXC4	0.0253545	0.255411	3.61379	3.61379	0.0102705	33.1213	33.1213	0.0432873	12.3706	12.3706
cg08465346	HOXC4	0.0256038	0.0994185	7.30144	7.30144	0.0302424	16.5202	16.5202	0.053006	11.251	11.251
cg01704924	HOXC4;HOXC4	6.53E-06	0.225353	0.84959	-1.17704	9.37E-05	0.409997	-2.43904	0.00188894	0.569039	-1.75735
cg15648389	HOXC4;HOXC4	9.83E-06	0.54989	0.882564	-1.13306	2.41E-05	0.175894	-5.68525	0.00861598	0.500714	-1.99715
cg07266404	HOXC4;HOXC4	8.26E-05	0.324032	0.832268	-1.20154	0.00446024	0.504736	-1.98123	0.0557891	0.676629	-1.47792
cg15894722	HOXC4;HOXC4	0.00012814	0.471029	0.939387	-1.06452	0.0275667	1.24882	1.24882	0.247485	1.10862	1.10862
cg02264990	HOXC4;HOXC4	0.000535232	0.882369	0.972863	-1.02789	0.0862444	0.703137	-1.4222	0.217234	0.785659	-1.27282
cg11746813	HOXC4;HOXC4	0.000622465	0.240274	0.572099	-1.74795	0.0028146	0.154249	-6.48304	0.121038	0.465981	-2.14601
cg27008363	HOXC4;HOXC4	0.000794655	0.0251762	0.41825	-2.39091	0.000855603	0.194018	-5.15417	0.157355	0.609537	-1.64059
cg22747076	HOXC4;HOXC4	0.00197944	0.0443246	0.40608	-2.46257	0.168018	1.76189	1.76189	0.0235476	0.345776	-2.89204
cg15233062	HOXC4;HOXC4	0.0025577	0.894121	1.02252	1.02252	0.447514	0.878582	-1.1382	0.820949	1.03863	1.03863
cg03923561	HOXC4;HOXC4	0.00323436	0.566911	1.22049	1.22049	0.7298	1.12678	1.12678	0.137766	0.576828	-1.73362
cg01579535	HOXC4;HOXC4	0.00712159	0.348235	0.893186	-1.11959	0.232301	0.863712	-1.15779	0.581764	1.06723	1.06723
cg01524853	HOXC4;HOXC4	0.0110179	0.0227942	0.397514	-2.51564	0.756475	1.11106	1.11106	0.376361	1.35981	1.35981
cg18473521	HOXC4;HOXC4	0.0143442	0.0377149	0.2678	-3.73413	0.339581	0.583887	-1.71266	0.986276	0.990642	-1.00945
cg16370398	HOXC4;HOXC4	0.0265505	0.942278	0.956673	-1.04529	0.153619	0.392787	-2.54591	0.00671312	0.116443	-8.5879
cg09481972	HOXC4;HOXC5;HOXC4;HOXC6;HOXC6	4.45E-05	0.286361	0.824645	-1.21264	0.160729	0.770349	-1.29811	0.231433	0.80366	-1.24431
cg26035702	HOXC4;HOXC5;HOXC4;HOXC6;HOXC6	0.0013372	0.650309	1.14741	1.14741	0.211062	0.672319	-1.48739	0.092416	1.74721	1.74721
cg10918927	HOXC4;HOXC5;HOXC4;HOXC6;HOXC6	0.00431381	0.135253	0.795448	-1.25715	0.290685	0.855682	-1.16866	0.0392325	1.40367	1.40367
cg15718289	HOXC4;HOXC5;HOXC4;HOXC6;HOXC6	0.00492943	0.832287	1.12533	1.12533	0.446654	0.648527	-1.54196	0.443027	0.646183	-1.54755
cg20381985	HOXC4;HOXC5;HOXC4;HOXC6;HOXC6	0.00996472	0.408846	0.834187	-1.19877	0.0127189	0.514535	-1.9435	0.834975	1.04579	1.04579
cg00187380	HOXC4;HOXC5;HOXC5	6.83E-05	0.000390603	0.422911	-2.36457	0.00190163	0.511822	-1.9538	0.0380884	0.693498	-1.44196
cg27002522	HOXC4;HOXC5;HOXC5	0.000994952	0.0681904	1.9055	1.9055	9.36E-05	0.110872	-9.01944	0.122296	0.589374	-1.69672
cg17031478	HOXC4;HOXC5;HOXC5	0.00123309	0.564985	0.758761	-1.31794	0.69392	1.20647	1.20647	6.80E-05	0.0314727	-31.7736
cg14644523	HOXC4;HOXC5;HOXC5	0.00411486	0.646886	1.21717	1.21717	0.693034	0.844507	-1.18412	0.000768683	10.2121	10.2121
cg21703606	HOXC4;HOXC5;HOXC5	0.00705626	0.973716	1.00743	1.00743	0.00236205	2.59371	2.59371	0.833916	1.04832	1.04832
cg15700739	HOXC4;HOXC5;HOXC5	0.00896014	0.106532	0.813773	-1.22884	0.00093356	0.561222	-1.78183	0.799359	1.03023	1.03023
cg19182597	HOXC4;HOXC5;HOXC5	0.0176842	0.0938125	0.485995	-2.05764	0.212908	0.598273	-1.67148	0.819608	1.09357	1.09357
cg05982757	HOXC4;HOXC5;HOXC5	0.0257586	0.0175979	0.362433	-2.75913	0.0371837	0.427421	-2.33962	0.395775	0.736698	-1.35741
cg05987823	HOXC4;HOXC5;HOXC5	0.0271288	0.343032	2.3684	2.3684	0.30007	2.58019	2.58019	0.759143	1.31186	1.31186
cg00576279	HOXC4;HOXC5;HOXC5	0.0443938	0.436117	0.879063	-1.13758	0.582706	0.913908	-1.0942	0.868382	1.02727	1.02727
cg00218447	HOXC4;HOXC5;HOXC5	0.0471067	0.253168	2.91089	2.91089	0.0176362	13.2591	13.2591	0.218237	3.18825	3.18825
cg03668274	HOXC4;HOXC5;HOXC5;HOXC5	0.00282356	0.470265	1.41139	1.41139	0.0337445	3.19982	3.19982	0.158106	2.02967	2.02967
cg00567703	HOXC4;HOXC5;HOXC6	1.98E-05	0.00288033	0.506012	-1.97624	0.000238327	0.363754	-2.74911	0.0193219	0.62489	-1.60028
cg19164987	HOXC4;HOXC5;HOXC6	7.89E-05	0.0273449	0.674239	-1.48315	3.11E-06	0.187896	-5.3221	0.314565	0.854686	-1.17002
cg07915976	HOXC4;HOXC5;HOXC6	0.00012214	3.20E-05	0.118517	-8.43759	0.537459	0.848292	-1.17884	0.0140669	0.449887	-2.22278
cg07080050	HOXC4;HOXC5;HOXC6	0.000143378	0.0061683	0.504906	-1.98056	3.40E-06	0.12315	-8.12018	0.0162328	0.569851	-1.75484
cg19892287	HOXC4;HOXC5;HOXC6	0.000610774	0.00826563	4.68276	4.68276	0.105808	0.468154	-2.13605	4.59E-05	0.0156943	-63.7172
cg17827660	HOXC4;HOXC5;HOXC6	0.00228032	5.34E-05	0.0264584	-37.7951	0.798093	0.908685	-1.10049	0.435886	0.741668	-1.34831
cg15772924	HOXC4;HOXC5;HOXC6	0.00394405	0.00948024	0.313412	-3.19068	0.000669386	0.159259	-6.2791	0.0322803	0.412746	-2.4228
cg03305955	HOXC4;HOXC5;HOXC6	0.00440417	0.00296141	0.240847	-4.15202	0.00243824	0.229434	-4.35855	0.0163143	0.358851	-2.78668
cg08106887	HOXC4;HOXC5;HOXC6	0.00940489	0.0112368	0.316502	-3.15954	0.00563428	0.268203	-3.72851	0.091172	0.509727	-1.96183
cg25122233	HOXC4;HOXC5;HOXC6	0.0191623	0.0488284	0.261588	-3.8228	0.00226846	0.0784409	-12.7485	0.108483	0.352187	-2.8394
cg10593493	HOXC4;HOXC5;HOXC6	0.0260891	0.108779	0.809801	-1.23487	0.696297	1.04845	1.04845	0.41476	1.10578	1.10578
cg15611151	HOXC4;HOXC5;HOXC6	0.0362861	0.7293	0.861206	-1.16116	0.121826	0.486104	-2.05717	0.154977	0.519625	-1.92447
cg11941633	HOXC4;HOXC5;HOXC6;HOXC6	1.08E-05	0.765698	0.976941	-1.0236	0.0617695	0.848556	-1.17847	0.0191087	0.8014	-1.24782
cg03892356	HOXC4;HOXC5;HOXC6;HOXC6	5.35E-05	5.48E-06	0.0509638	-19.6218	0.163491	0.649999	-1.53846	0.25162	1.41473	1.41473
cg21582112	HOXC4;HOXC5;HOXC6;HOXC6	0.000784512	0.000411958	0.374595	-2.66955	0.495348	1.12889	1.12889	0.0176727	0.603316	-1.65751
cg22378817	HOXC4;HOXC5;HOXC6;HOXC6	0.00711348	0.0533233	1.57131	1.57131	0.987477	1.00324	1.00324	0.0318227	1.67862	1.67862
cg12232783	HOXC4;HOXC5;HOXC6;HOXC6	0.0358114	0.208369	0.797164	-1.25445	0.191659	1.2665	1.2665	0.99326	0.998557	-1.00144
cg13726459	HOXC4;HOXC6;HOXC5	2.85E-05	0.000151127	0.372622	-2.68369	0.000100104	0.350869	-2.85007	0.420528	0.882573	-1.13305
cg26019295	HOXC4;HOXC6;HOXC5	2.96E-05	0.941992	0.991959	-1.00811	0.000264235	1.94429	1.94429	0.00629021	1.4842	1.4842
cg18040878	HOXC4;HOXC6;HOXC5	5.13E-05	0.156534	0.822326	-1.21606	0.0238909	0.706164	-1.4161	0.00694696	0.637107	-1.56959
cg15817960	HOXC4;HOXC6;HOXC5	7.27E-05	6.84E-05	0.390661	-2.55976	0.000215106	0.450523	-2.21964	0.0362495	0.73032	-1.36926
cg17026220	HOXC4;HOXC6;HOXC5	0.000304235	0.0518783	0.607687	-1.64559	0.248003	1.31249	1.31249	0.000136164	0.226141	-4.42201
cg01153660	HOXC4;HOXC6;HOXC5	0.000623986	0.0133581	0.346943	-2.88232	0.823612	0.925781	-1.08017	0.359316	1.38483	1.38483
cg04794183	HOXC4;HOXC6;HOXC5	0.000675265	0.215458	0.775664	-1.28922	0.000999064	0.385891	-2.5914	0.18133	1.3185	1.3185
cg22621272	HOXC4;HOXC6;HOXC5	0.00072845	0.00441997	0.453739	-2.20391	0.00134725	0.37959	-2.63442	0.243691	0.775909	-1.28881
cg04105511	HOXC4;HOXC6;HOXC5	0.000882129	0.165596	0.768611	-1.30105	0.0678139	0.694854	-1.43915	0.0708834	0.698274	-1.4321
cg23047434	HOXC4;HOXC6;HOXC5	0.00124318	0.688501	0.912182	-1.09627	0.625143	0.893768	-1.11886	0.0117455	2.05016	2.05016
cg05296643	HOXC4;HOXC6;HOXC5	0.00322439	0.0763358	0.586258	-1.70573	0.347566	0.769569	-1.29943	0.0303931	1.99199	1.99199
cg02491017	HOXC4;HOXC6;HOXC5	0.00425219	0.229653	1.61151	1.61151	0.1874	0.589227	-1.69714	0.296125	1.507	1.507
cg14108840	HOXC4;HOXC6;HOXC5	0.00606406	0.0350524	0.541056	-1.84824	0.101557	0.638675	-1.56574	0.190848	0.707202	-1.41402
cg04704531	HOXC4;HOXC6;HOXC5	0.00696532	0.907236	0.95025	-1.05235	0.617284	0.80208	-1.24676	0.94274	0.969043	-1.03195
cg22198132	HOXC4;HOXC6;HOXC5	0.00721923	0.231463	0.684911	-1.46004	0.212613	0.673106	-1.48565	0.978115	0.991763	-1.00831
cg01473837	HOXC4;HOXC6;HOXC5	0.00952044	0.0110773	0.559271	-1.78804	0.000872226	0.40215	-2.48664	0.656029	1.08522	1.08522
cg12905836	HOXC4;HOXC6;HOXC5	0.00969619	0.0954179	2.10051	2.10051	0.0436565	2.55908	2.55908	0.0144672	3.39003	3.39003
cg26162108	HOXC4;HOXC6;HOXC5	0.0113703	0.887101	0.98129	-1.01907	0.307733	1.15071	1.15071	0.562746	0.925148	-1.08091
cg16937769	HOXC4;HOXC6;HOXC5	0.0180002	0.13553	0.581913	-1.71847	0.83779	0.933337	-1.07142	0.421866	1.31802	1.31802
cg06714180	HOXC4;HOXC6;HOXC5	0.0197614	0.0524142	0.461531	-2.1667	0.0254502	0.394194	-2.53682	0.0673858	0.487507	-2.05125
cg03255182	HOXC4;HOXC6;HOXC5;HOXC6	0.00336143	0.646737	1.26393	1.26393	0.0328084	3.55178	3.55178	0.00142811	10.3965	10.3965
cg22660542	HOXC8	5.95E-06	0.000322194	0.415587	-2.40623	7.74E-07	0.134725	-7.42251	0.0166154	0.643143	-1.55486
cg13545297	HOXC8	1.42E-05	0.0047577	2.47056	2.47056	2.41E-05	7.61436	7.61436	0.0184988	1.99224	1.99224
cg27613172	HOXC8	0.000270848	0.000188251	0.0835288	-11.9719	5.11E-05	0.05032	-19.8728	0.0322412	0.372193	-2.68677
cg14301713	HOXC8	0.00104321	0.00360326	0.443305	-2.25578	0.000553422	0.330707	-3.02383	0.205144	0.758851	-1.31778
cg16908257	HOXC8	0.00267906	0.683112	1.07052	1.07052	0.890454	1.02314	1.02314	0.544769	0.903241	-1.10712
cg02344911	HOXC8	0.00872225	0.220985	0.727503	-1.37457	0.454415	0.828271	-1.20733	0.140595	1.47986	1.47986
cg07791427	HOXC8	0.00944466	0.0498941	0.290301	-3.4447	0.282681	0.550987	-1.81492	0.25197	0.527169	-1.89693
cg25917510	HOXC8	0.00991688	0.813834	0.973585	-1.02713	0.20646	1.16325	1.16325	0.065239	1.26476	1.26476
cg10587913	HOXC9	5.62E-06	0.000201505	0.496825	-2.01278	0.0153373	0.716213	-1.39623	0.000446367	1.86135	1.86135
cg07634179	HOXC9	9.73E-05	3.82E-05	0.361534	-2.76599	0.0547884	0.755336	-1.32391	0.922994	1.01253	1.01253
cg21272774	HOXC9	0.000117605	0.0153754	0.501664	-1.99337	3.04E-05	6.62149	6.62149	0.823966	0.949642	-1.05303
cg25456468	HOXC9	0.000519846	0.00263913	0.385517	-2.59392	0.809371	0.946146	-1.05692	0.282373	1.29159	1.29159
cg23828720	HOXC9	0.000772775	0.0102256	0.538025	-1.85865	0.243577	1.26313	1.26313	0.111495	0.717574	-1.39359
cg09045655	HOXC9	0.0011915	0.0438835	0.384982	-2.59752	0.0950645	0.469554	-2.12968	0.0454918	0.388545	-2.5737
cg23685155	HOXC9	0.00132911	0.818583	1.0498	1.0498	0.0304654	0.583923	-1.71255	0.923438	0.979871	-1.02054
cg22679316	HOXC9	0.0023467	0.0383012	0.468085	-2.13637	0.00132283	0.228324	-4.37974	0.0155999	0.391559	-2.55389
cg15410411	HOXC9	0.0054539	0.0784886	0.587152	-1.70314	0.0118574	0.424916	-2.35341	0.0101111	2.42073	2.42073
cg02227188	HOXC9	0.00668925	0.0053076	0.328736	-3.04195	0.000578029	0.199417	-5.01462	0.335523	0.740286	-1.35083
cg09045007	HOXC9	0.00798934	0.020517	0.60884	-1.64247	?	?	?	0.0699621	0.697537	-1.43362
cg13357393	HOXC9	0.00910413	0.048011	0.75889	-1.31771	0.929489	0.989255	-1.01086	0.512369	1.08449	1.08449
cg03215137	HOXC9	0.0128502	0.396486	0.740045	-1.35127	0.0291951	2.43747	2.43747	0.821638	0.924699	-1.08143
cg12699286	HOXC9	0.0215031	0.537316	1.61332	1.61332	0.134631	3.43889	3.43889	0.381629	1.98794	1.98794
cg26829131	HOXC9	0.0376717	0.0762841	0.562731	-1.77705	0.382638	0.770274	-1.29824	0.909005	1.03389	1.03389
cg13233407	HOXC9	0.0417282	0.124954	0.442287	-2.26098	0.058373	2.85934	2.85934	0.472128	0.69821	-1.43223
cg12071536	HOXC9;HOXC9	7.68E-06	9.11E-06	0.198912	-5.02736	0.765838	0.951002	-1.05152	0.000389276	2.58913	2.58913
cg05069426	HOXC9;HOXC9	0.00385543	0.421933	1.39628	1.39628	0.0631252	2.34095	2.34095	0.00650072	4.21774	4.21774
cg02466815	HOXD1	1.40E-06	0.0152944	0.531661	-1.8809	0.423078	1.18957	1.18957	0.537009	0.875798	-1.14182
cg03553278	HOXD1	2.20E-05	0.00686445	1.87842	1.87842	0.00211305	2.17793	2.17793	0.000263639	2.94361	2.94361
cg08809260	HOXD1	0.000213839	0.181482	0.624245	-1.60193	0.0485709	2.11374	2.11374	0.155873	0.603889	-1.65593

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)
cg00920572	0.0824885	1.48083	1.48083	0.775026	1.06024	1.06024	0.0203494	1.76972	1.76972
cg26931862	0.272177	2.06631	2.06631	0.698668	0.781133	-1.28019	0.737921	0.807964	-1.23768
cg23063338	0.0395065	2.0832	2.0832	0.258386	0.695279	-1.43827	0.0994263	0.573166	-1.74469
cg14212206	0.123137	0.603309	-1.65753	0.264969	0.70364	-1.42118	0.218251	0.675827	-1.47967
cg17085352	0.00775107	1.62166	1.62166	0.000146049	0.396941	-2.51927	6.74E-09	0.0319897	-31.2601
cg10961753	0.0187935	1.42143	1.42143	0.000109699	0.431147	-2.3194	0.0221305	0.712544	-1.40342
cg15611413	0.99974	0.999954	-1.00005	0.93319	1.01202	1.01202	0.0449183	0.720366	-1.38818
cg01577751	0.291463	1.20697	1.20697	0.0786791	0.714904	-1.39879	0.351035	0.84794	-1.17933
cg23922739	0.00276931	2.21801	2.21801	0.531487	0.88484	-1.13015	0.375527	0.83899	-1.19191
cg25936147	0.0296272	1.40971	1.40971	0.556984	1.08292	1.08292	0.123199	1.251	1.251
cg03239552	0.00698041	6.28181	6.28181	?	?	?	0.0030711	8.45406	8.45406
cg07892422	0.21626	1.45238	1.45238	0.00352776	3.10963	3.10963	0.0447027	0.516358	-1.93664
cg22830707	0.050106	1.31258	1.31258	0.20227	0.848799	-1.17813	0.0191417	1.4123	1.4123
cg24094550	0.364829	1.23193	1.23193	0.489331	0.854429	-1.17037	0.179367	1.37641	1.37641
cg03972398	0.596116	1.11631	1.11631	0.884084	1.03046	1.03046	0.209368	0.761722	-1.31282
cg04727865	0.000307177	3.6391	3.6391	0.0509663	0.612603	-1.63238	0.0152421	0.51848	-1.92871
cg16856286	0.36693	0.719675	-1.38952	0.721239	1.13559	1.13559	0.563512	0.812806	-1.23031
cg19977966	0.038433	2.10832	2.10832	0.921765	1.03102	1.03102	0.133452	1.65432	1.65432
cg20587394	0.945087	1.01466	1.01466	0.854705	1.03949	1.03949	0.429821	1.18561	1.18561
cg00059246	0.0269194	0.489584	-2.04255	0.00365532	0.342552	-2.91926	0.137385	0.646573	-1.54662
cg09106624	0.131505	1.66171	1.66171	0.843994	1.06338	1.06338	0.576867	1.19223	1.19223
cg26283893	0.789589	1.08511	1.08511	0.427575	0.780851	-1.28065	0.382004	1.31497	1.31497
cg05771518	0.0922021	1.71451	1.71451	0.873895	0.954851	-1.04728	0.309518	1.35784	1.35784
cg11255394	0.284366	0.60077	-1.66453	0.0103832	0.227906	-4.38778	0.0624911	0.382674	-2.61319
cg20959780	0.569008	0.836265	-1.19579	0.0694461	0.532127	-1.87925	0.0680773	0.53008	-1.88651
cg25671500	0.310341	0.838046	-1.19325	0.719663	0.941143	-1.06254	0.868293	0.972453	-1.02833
cg22525581	0.000541834	0.285787	-3.49911	0.000429464	0.273147	-3.66103	0.00091444	3.17178	3.17178
cg03207151	0.145149	0.612465	-1.63275	0.00815763	0.346104	-2.8893	0.000579517	5.30094	5.30094
cg21476000	0.625852	1.13149	1.13149	0.000423524	0.245653	-4.07079	0.0283334	1.917	1.917
cg02721000	0.382488	0.546486	-1.82987	0.286794	0.474143	-2.10907	0.00394781	13.6793	13.6793
cg15834355	0.00511317	7.30584	7.30584	0.500736	0.692531	-1.44398	0.0051726	7.27499	7.27499
cg10366797	0.178509	2.61764	2.61764	0.624825	0.717635	-1.39347	0.00448866	12.813	12.813
cg05408649	0.608661	1.2897	1.2897	0.0408979	0.312661	-3.19836	0.00761137	5.42369	5.42369
cg19058685	0.819391	0.856163	-1.168	0.453982	0.595752	-1.67855	0.0152372	7.56567	7.56567
cg21216477	0.967183	1.03684	1.03684	0.35775	0.435281	-2.29736	0.00808305	19.7495	19.7495
cg21493516	0.809132	0.89795	-1.11365	0.0248436	0.304826	-3.28056	0.041853	2.83861	2.83861
cg05349837	0.124005	0.431468	-2.31767	0.838456	0.90212	-1.1085	0.0457211	3.17681	3.17681
cg11594833	0.659975	0.619366	-1.61455	0.208917	0.23853	-4.19234	0.0322415	15.0837	15.0837
cg08465346	0.851394	0.81347	-1.2293	0.348875	0.345901	-2.891	0.0202238	21.8151	21.8151
cg01704924	9.21E-06	3.41189	3.41189	0.321963	0.877237	-1.13994	0.0430564	0.742302	-1.34716
cg15648389	0.000976785	2.75317	2.75317	0.228373	0.770234	-1.29831	0.188436	0.749943	-1.33344
cg07266404	0.330359	1.19849	1.19849	0.806317	1.04528	1.04528	0.840507	0.964329	-1.03699
cg15894722	0.0764299	1.18303	1.18303	0.919664	1.00864	1.00864	0.145071	0.875073	-1.14276
cg02264990	0.95984	0.990687	-1.0094	0.118356	0.72975	-1.37033	0.397035	0.851166	-1.17486
cg11746813	0.307569	1.61563	1.61563	0.953905	1.0266	1.0266	0.000103533	0.0442037	-22.6225
cg27008363	0.00130717	0.216065	-4.62825	0.00230315	0.247952	-4.03304	0.0107413	0.35012	-2.85616
cg22747076	?	?	?	0.521919	0.780146	-1.28181	0.877862	0.94298	-1.06047
cg15233062	0.120743	1.32496	1.32496	0.919624	0.983264	-1.01702	0.455601	0.880674	-1.13549
cg03923561	0.670661	1.15865	1.15865	0.233876	1.5367	1.5367	0.108497	0.54732	-1.82708
cg01579535	0.59298	1.06514	1.06514	0.933095	1.00987	1.00987	0.0697206	0.788793	-1.26776
cg01524853	0.696109	0.875563	-1.14212	0.873238	0.947379	-1.05554	0.1131	0.557773	-1.79284
cg18473521	0.0447973	3.52212	3.52212	0.271735	0.535039	-1.86902	0.229993	0.502349	-1.99065
cg16370398	0.00918923	7.56188	7.56188	0.930548	0.948076	-1.05477	0.378049	0.575095	-1.73884
cg09481972	0.873172	0.972564	-1.02821	0.00605497	0.535657	-1.86687	0.123367	0.747778	-1.3373
cg26035702	0.229992	1.46151	1.46151	0.93026	1.02672	1.02672	0.748686	0.907694	-1.10169
cg10918927	0.0154132	0.655375	-1.52584	0.135576	0.795621	-1.25688	0.0556717	0.73477	-1.36097
cg15718289	0.612912	1.32891	1.32891	0.00467034	0.111539	-8.96546	0.0315361	0.237015	-4.21913
cg20381985	0.0460407	0.612209	-1.63343	0.0293972	0.576604	-1.73429	0.218646	0.757537	-1.32007
cg00187380	0.0551616	0.718215	-1.39234	0.22822	0.824857	-1.21233	0.000288946	0.406424	-2.46049
cg27002522	0.0268937	2.28764	2.28764	0.047167	0.488181	-2.04842	0.0164998	0.396593	-2.52148
cg17031478	0.76771	1.15092	1.15092	0.823439	1.11188	1.11188	0.00456056	0.166507	-6.00574
cg14644523	0.433948	0.711138	-1.4062	0.00112011	0.113273	-8.82821	?	?	?
cg21703606	0.874404	1.03619	1.03619	0.29493	0.783411	-1.27647	0.0710984	1.57314	1.57314
cg15700739	0.20001	0.853591	-1.17152	0.00397941	0.63589	-1.5726	0.557204	1.07188	1.07188
cg19182597	0.14413	0.540935	-1.84865	0.0013152	0.160279	-6.2391	0.385079	0.705589	-1.41726
cg05982757	0.137964	0.570494	-1.75287	0.13816	0.570677	-1.75231	0.24053	0.649365	-1.53996
cg05987823	0.720114	0.727913	-1.37379	0.125539	0.231463	-4.32034	0.0651854	6.21709	6.21709
cg00576279	0.840682	0.967873	-1.03319	0.159041	0.783333	-1.2766	0.00140319	0.472108	-2.11816
cg00218447	0.821325	0.816675	-1.22448	0.278566	0.364704	-2.74195	0.0331206	9.30159	9.30159
cg03668274	0.00705966	5.12097	5.12097	0.394292	1.50576	1.50576	0.000209592	0.0545347	-18.3369
cg00567703	0.507532	0.894283	-1.11821	8.50E-05	0.309201	-3.23415	0.000551077	0.410064	-2.43864
cg19164987	0.0261936	1.4892	1.4892	0.000126198	0.365021	-2.73957	0.0257705	0.670469	-1.49149
cg07915976	0.382596	0.789829	-1.2661	7.75E-05	0.151775	-6.58872	5.28E-05	0.136755	-7.31233
cg07080050	0.605929	0.905242	-1.10468	0.000720823	0.3737	-2.67594	0.125923	0.728491	-1.3727
cg19892287	0.0201174	3.49692	3.49692	0.404928	1.42948	1.42948	0.138859	1.97513	1.97513
cg17827660	0.835155	1.08092	1.08092	?	?	?	0.157912	0.561307	-1.78156
cg15772924	0.373117	0.724171	-1.38089	0.00218441	0.219363	-4.55865	0.0320909	0.412212	-2.42594
cg03305955	0.0625531	0.48121	-2.0781	0.00506161	0.274321	-3.64537	0.0254923	0.395956	-2.52553
cg08106887	0.261613	0.654422	-1.52807	0.0321069	0.402818	-2.48251	0.0473847	0.439723	-2.27416
cg25122233	0.92545	1.05737	1.05737	0.0137632	0.162808	-6.14222	0.0776295	0.310667	-3.21888
cg10593493	0.376368	0.896289	-1.11571	0.627956	1.06067	1.06067	0.137382	1.21286	1.21286
cg15611151	0.0869234	2.25497	2.25497	0.0729423	0.42303	-2.3639	0.0286979	0.329587	-3.0341
cg11941633	0.516121	0.949904	-1.05274	0.215311	0.903202	-1.10717	0.0331061	0.823266	-1.21467
cg03892356	0.0145774	0.418331	-2.39045	4.83E-06	0.0484574	-20.6367	0.500223	0.820189	-1.21923
cg21582112	0.0170326	0.600844	-1.66432	0.00508842	0.522899	-1.91241	0.0120848	0.57814	-1.72968
cg22378817	0.0638453	1.53552	1.53552	0.0119122	0.524075	-1.90812	0.684279	1.08781	1.08781
cg12232783	0.474982	0.883228	-1.13221	0.256408	1.22443	1.22443	0.0336523	1.52817	1.52817
cg13726459	0.0340415	0.686927	-1.45576	1.61E-05	0.259357	-3.8557	0.0108415	0.615294	-1.62524
cg26019295	0.00011552	2.11704	2.11704	0.0241788	0.742148	-1.34744	0.424699	0.91352	-1.09467
cg18040878	2.13E-05	3.01937	3.01937	0.00633944	0.632088	-1.58206	0.269908	0.862182	-1.15985
cg15817960	0.000688201	0.512254	-1.95216	1.36E-05	0.309218	-3.23396	0.0196398	0.695007	-1.43883
cg17026220	0.0100191	0.480954	-2.0792	0.0258091	0.551021	-1.81481	0.0247134	0.547656	-1.82596
cg01153660	0.943801	1.02465	1.02465	0.850802	0.937025	-1.06721	0.92385	1.03358	1.03358
cg04794183	0.080187	0.685092	-1.45966	0.0346978	0.618952	-1.61563	0.544754	0.887422	-1.12686
cg22621272	0.063347	0.647706	-1.54391	0.00409978	0.448864	-2.22785	0.000395487	0.309258	-3.23354
cg04105511	0.0489906	1.49185	1.49185	0.175832	0.77402	-1.29196	0.964275	0.992061	-1.008
cg23047434	0.252255	0.761261	-1.31361	0.74782	1.07635	1.07635	0.491566	0.852704	-1.17274
cg05296643	0.495468	0.829078	-1.20616	0.319223	0.756714	-1.3215	0.242213	1.39302	1.39302
cg02491017	0.103366	1.96285	1.96285	0.435285	0.739825	-1.35167	0.699968	1.15788	1.15788
cg14108840	0.571785	0.86683	-1.15363	0.159035	0.686275	-1.45714	0.0975344	0.634614	-1.57576
cg04704531	0.00639098	4.72759	4.72759	0.0189457	0.288237	-3.46937	0.913449	1.04875	1.04875
cg22198132	0.00478469	3.09316	3.09316	0.0636176	0.533211	-1.87543	0.217896	0.676482	-1.47824
cg01473837	0.0089374	0.545146	-1.83437	0.304237	0.823573	-1.21422	0.21006	0.78587	-1.27248
cg12905836	0.0735373	0.445612	-2.2441	0.0104213	0.270717	-3.69389	0.232845	1.66004	1.66004
cg26162108	0.289944	0.864128	-1.15724	0.127178	0.803059	-1.24524	0.471129	1.10238	1.10238
cg16937769	0.781756	1.09797	1.09797	0.103251	0.548932	-1.82172	0.0296516	0.422486	-2.36694
cg06714180	0.0643992	0.482708	-2.07164	0.00248356	0.229008	-4.36665	0.171514	0.600325	-1.66576
cg03255182	0.35825	1.61533	1.61533	0.668823	0.803782	-1.24412	0.00681572	5.92578	5.92578
cg22660542	0.0120049	0.623223	-1.60456	5.15E-07	0.120864	-8.27379	0.000149244	0.374106	-2.67304
cg13545297	0.195354	0.718608	-1.39158	0.00694727	0.430554	-2.32259	0.579496	0.873675	-1.14459
cg27613172	0.022364	0.340068	-2.94059	0.000241903	0.0913677	-10.9448	0.0106868	0.282347	-3.54174
cg14301713	0.110331	0.698232	-1.43219	0.00022293	0.281251	-3.55554	0.000493385	0.32427	-3.08385
cg16908257	0.954698	0.990612	-1.00948	0.00630278	0.553944	-1.80524	0.0183448	0.621777	-1.60829
cg02344911	0.0211033	1.98532	1.98532	0.46302	1.20287	1.20287	0.337617	0.78315	-1.2769
cg07791427	0.000333777	0.0248733	-40.2037	0.127632	0.409568	-2.4416	0.0409778	0.269693	-3.70792
cg25917510	0.014952	1.40435	1.40435	0.888099	1.01611	1.01611	0.238741	1.15031	1.15031
cg10587913	0.000412647	0.533257	-1.87527	2.55E-06	0.279439	-3.57859	0.55899	1.06852	1.06852
cg07634179	0.131651	0.810879	-1.23323	0.0288587	0.717518	-1.39369	0.0126472	0.670792	-1.49078
cg21272774	0.942668	1.01682	1.01682	0.00917686	0.464273	-2.15391	0.000165005	4.43373	4.43373
cg25456468	0.00827744	0.461463	-2.16702	0.467657	0.844276	-1.18445	0.00779433	0.457277	-2.18686
cg23828720	0.0116981	0.547106	-1.8278	0.000137845	0.283143	-3.53179	0.000296613	0.323732	-3.08897
cg09045655	0.126084	1.97812	1.97812	0.0155685	0.294464	-3.396	0.072325	0.437556	-2.28542
cg23685155	0.907494	1.02489	1.02489	0.0772163	0.659944	-1.51528	0.107842	0.689927	-1.44943
cg22679316	0.502408	1.24017	1.24017	0.00130135	0.227427	-4.39702	0.0111762	0.365868	-2.73323
cg15410411	0.0221199	0.473533	-2.11178	0.285453	0.739151	-1.3529	0.0631424	1.76725	1.76725
cg02227188	0.48332	0.805961	-1.24076	0.0497085	0.507685	-1.96973	0.122936	0.602856	-1.65877
cg09045007	0.432641	0.867313	-1.15299	0.436762	0.868461	-1.15146	0.0543441	0.678323	-1.47422
cg13357393	0.000285501	2.06096	2.06096	0.612494	0.939556	-1.06433	0.827346	0.97369	-1.02702
cg03215137	0.00435515	3.74616	3.74616	0.350683	0.716743	-1.3952	0.0347237	0.425935	-2.34777
cg12699286	0.72749	1.30719	1.30719	0.00150508	0.0301395	-33.179	?	?	?
cg26829131	0.658741	0.87847	-1.13834	0.138832	0.628464	-1.59118	0.184072	0.663128	-1.50801
cg13233407	0.245593	0.550728	-1.81578	0.0331204	3.39932	3.39932	0.0212404	0.256591	-3.89725
cg12071536	0.213455	0.802225	-1.24653	0.702687	0.937529	-1.06663	0.0382418	0.667668	-1.49775
cg05069426	0.498288	1.3228	1.3228	0.662764	0.836474	-1.19549	0.731442	1.15049	1.15049
cg02466815	7.72E-05	4.56636	4.56636	0.925936	0.980467	-1.01992	0.000279532	3.52845	3.52845
cg03553278	0.00663018	1.88629	1.88629	0.00215373	2.17248	2.17248	0.00881625	1.82313	1.82313
cg08809260	0.327973	1.39854	1.39854	0.782658	0.912232	-1.09621	0.00534897	3.38284	3.38284

Probeset ID	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00920572	0.0122175	0.528718	-1.89137	5.44E-05	4.64137	4.64137	0.00115687	2.6495	2.6495	11.7925	7.78211	0.586596	1
cg26931862	0.496776	0.64525	-1.54979	2.96E-05	180.589	180.589	0.499002	1.54618	1.54618	8.94337	57.1101	5.67622	1
cg23063338	0.00432484	0.308671	-3.23969	0.282378	1.41096	1.41096	0.13217	0.60606	-1.65	3.58647	5.39501	1.33713	1
cg14212206	0.00737832	0.351852	-2.8421	0.151845	1.59122	1.59122	0.127966	0.607817	-1.64523	3.50488	5.08106	1.28863	1
cg17085352	2.33E-05	0.302534	-3.30541	0.000361196	2.24476	2.24476	0.101071	0.775813	-1.28897	105.372	33.3521	0.28135	1
cg10961753	0.00165578	0.573419	-1.74393	7.52E-08	9.15822	9.15822	0.0481043	1.3219	1.3219	55.0732	13.3107	0.214837	1
cg15611413	0.813318	0.96685	-1.03429	2.62E-08	18.5837	18.5837	0.845542	0.972588	-1.02818	53.8215	17.311	0.285899	1
cg01577751	0.000387479	0.378098	-2.64482	5.64E-07	10.7895	10.7895	0.245013	0.81141	-1.23242	31.4778	14.723	0.415756	1
cg23922739	0.000402442	0.337486	-2.96309	0.00017759	3.4087	3.4087	0.166242	0.75205	-1.3297	25.1923	14.8664	0.524549	1
cg25936147	0.0526468	0.74421	-1.34371	1.36E-06	5.23658	5.23658	0.0757436	1.30353	1.30353	21.6581	6.16858	0.253171	1
cg03239552	0.00279798	8.75392	8.75392	9.69E-05	38.5079	38.5079	0.851422	1.10379	1.10379	22.1475	86.474	3.90446	1
cg07892422	0.0387872	0.503462	-1.98625	3.74E-06	22.1871	22.1871	0.226196	1.43974	1.43974	20.8406	27.1492	1.15797	1
cg22830707	0.0822471	0.791029	-1.26418	2.11E-06	4.13495	4.13495	0.0455813	1.32201	1.32201	20.6154	4.84106	0.208736	1
cg24094550	0.00240713	0.387917	-2.57787	1.95E-06	13.9715	13.9715	0.278002	1.28749	1.28749	20.4646	16.2626	0.706376	1
cg03972398	0.109119	0.698096	-1.43247	3.14E-06	9.72801	9.72801	0.255074	0.78315	-1.27689	19.394	12.9974	0.595714	1
cg04727865	0.0194139	0.53636	-1.86442	9.56E-06	8.18707	8.18707	0.476244	1.17312	1.17312	19.35	14.8897	0.683995	1
cg16856286	0.910214	1.04085	1.04085	1.57E-05	23.746	23.746	0.762332	0.897944	-1.11366	16.4725	32.862	1.7733	1
cg19977966	0.588307	1.18525	1.18525	1.87E-05	15.0184	15.0184	0.445359	0.785106	-1.27371	10.3163	15.8015	1.36151	1
cg20587394	0.000871902	0.348194	-2.87196	0.00015122	3.95057	3.95057	0.263361	1.27933	1.27933	9.46048	6.68734	0.62833	1
cg00059246	0.00631508	0.379352	-2.63607	0.0605717	1.7801	1.7801	0.045855	0.53591	-1.86598	7.81753	9.19656	1.04569	1
cg09106624	0.673362	0.876124	-1.14139	4.77E-05	10.9036	10.9036	0.605848	1.17628	1.17628	7.71285	11.8849	1.36971	1
cg26283893	6.71E-05	0.107542	-9.29867	0.35583	1.3365	1.3365	0.654963	0.87165	-1.14725	7.14685	10.557	1.31303	1
cg05771518	0.1545	0.641914	-1.55784	0.0019138	3.59052	3.59052	0.391566	1.29089	1.29089	4.53793	6.08075	1.1911	1
cg11255394	0.00365133	0.165068	-6.0581	0.240282	1.75649	1.75649	0.18609	1.90085	1.90085	4.28333	14.241	2.95533	1
cg20959780	0.0053231	0.319596	-3.12895	0.00874322	0.354291	-2.82254	0.160319	0.627534	-1.59354	3.90643	5.97059	1.35858	1
cg25671500	0.526521	0.89762	-1.11406	0.0571252	1.43657	1.43657	0.71831	0.940853	-1.06287	3.5895	1.61044	0.398802	1
cg22525581	6.18E-05	5.58724	5.58724	0.00119203	0.330764	-3.0233	0.000836689	0.310173	-3.22401	26.5612	22.8176	0.763605	1
cg03207151	1.49E-05	16.6916	16.6916	0.00165785	4.09774	4.09774	0.435332	0.779262	-1.28327	19.7241	30.6745	1.38238	1
cg21476000	3.30E-05	7.58831	7.58831	0.00130493	0.308237	-3.24425	0.0735637	0.605606	-1.65124	17.6138	17.6317	0.88979	1
cg02721000	0.000266965	56.6619	56.6619	0.531266	1.53398	1.53398	0.970271	1.02546	1.02546	7.91377	57.0503	6.40799	1
cg15834355	0.00028144	24.3284	24.3284	0.0106406	5.62105	5.62105	0.0426298	3.50694	3.50694	7.7926	35.6658	4.06834	1
cg10366797	0.000425641	42.7902	42.7902	0.016216	7.23926	7.23926	0.786864	1.20015	1.20015	7.70735	55.3212	6.3802	1
cg05408649	0.0482068	3.04143	3.04143	0.310687	1.67663	1.67663	0.556732	0.746139	-1.34023	5.87272	22.5762	3.41712	1
cg19058685	0.000518738	39.4983	39.4983	0.0206579	6.63518	6.63518	0.86939	1.11823	1.11823	5.83053	42.577	6.49104	1
cg21216477	0.00151551	55.562	55.562	0.0340693	8.80501	8.80501	0.244497	2.9176	2.9176	5.37726	65.8697	10.8886	1
cg21493516	0.157093	1.96029	1.96029	0.524217	1.33253	1.33253	0.754866	0.86995	-1.14949	4.82977	15.1348	2.78546	1
cg05349837	0.00316763	7.64728	7.64728	0.483127	0.697919	-1.43283	0.234667	0.533339	-1.87498	4.51655	18.2147	3.58478	1
cg11594833	0.00436152	61.6105	61.6105	0.117205	6.30512	6.30512	0.526779	2.00158	2.00158	4.33593	80.4036	16.4832	1
cg08465346	0.00217745	113.715	113.715	0.16217	5.17005	5.17005	0.785499	1.35027	1.35027	4.32117	82.9302	17.0592	1
cg01704924	0.359284	0.886334	-1.12824	5.53E-06	3.71964	3.71964	1.67E-05	3.10286	3.10286	45.295	11.7556	0.230698	1
cg15648389	0.000395672	0.311929	-3.20585	1.01E-06	14.1355	14.1355	0.0458	0.623272	-1.60444	40.7528	27.5207	0.600273	1
cg07266404	0.158779	0.762222	-1.31195	1.61E-06	8.81576	8.81576	0.00791857	1.84763	1.84763	23.2992	11.9907	0.457457	1
cg15894722	0.0303488	0.804868	-1.24244	1.65E-06	2.79093	2.79093	0.712342	0.968912	-1.03209	20.7167	2.386	0.102376	1
cg02264990	0.39334	0.850039	-1.17642	9.08E-06	5.95901	5.95901	0.0544724	0.666691	-1.49994	14.0228	7.66836	0.486087	1
cg11746813	0.0490591	0.360405	-2.77465	0.000361371	13.4335	13.4335	0.820418	0.90188	-1.1088	13.4453	43.9298	2.90427	1
cg27008363	6.53E-05	0.0907578	-11.0183	0.0705202	0.515951	-1.93817	0.00115844	0.209626	-4.7704	12.5557	21.3145	1.50897	1
cg22747076	0.164445	0.564444	-1.77165	0.000284579	11.6782	11.6782	0.00244976	5.46696	5.46696	11.7722	23.64	1.75711	1
cg15233062	0.0163566	0.612163	-1.63355	5.80E-05	3.47739	3.47739	0.357898	0.853772	-1.17127	8.97156	3.97278	0.393617	1
cg03923561	0.0406677	0.443254	-2.25604	7.89E-05	11.67	11.67	0.435363	1.31519	1.31519	8.36878	15.7084	1.66846	1
cg01579535	0.000414987	0.519359	-1.92545	0.0388681	1.32277	1.32277	0.0299671	1.34807	1.34807	6.57967	1.42569	0.192606	1
cg01524853	0.00649573	0.3019	-3.31235	0.00179135	4.50128	4.50128	0.457317	0.773941	-1.29209	5.72952	10.4008	1.6136	1
cg18473521	0.0094437	0.165593	-6.0389	0.0043433	8.03139	8.03139	0.769862	1.17393	1.17393	5.2577	24.8822	4.20669	1
cg16370398	0.0451555	0.245162	-4.07893	0.258821	2.05572	2.05572	0.472208	0.639369	-1.56404	4.2667	25.2828	5.26722	1
cg09481972	0.0306625	0.642639	-1.55608	7.75E-07	10.1034	10.1034	0.0331417	1.543	1.543	27.4517	13.1846	0.426918	1
cg26035702	0.17957	0.650835	-1.53649	1.65E-05	14.4449	14.4449	0.692299	1.12732	1.12732	10.8312	15.573	1.27804	1
cg10918927	0.00275127	0.555857	-1.79902	0.00229309	1.83285	1.83285	0.818818	1.03315	1.03315	7.67538	2.45584	0.284412	1
cg15718289	0.0766795	0.328091	-3.04794	0.000454329	27.6406	27.6406	0.386868	1.64154	1.64154	8.55444	41.0998	3.73684	1
cg20381985	0.00254896	0.407196	-2.45582	0.0102494	2.00276	2.00276	0.349647	0.813323	-1.22952	5.9173	4.31675	0.648456	1
cg00187380	1.25E-05	0.246577	-4.05552	0.000211676	2.56693	2.56693	0.810361	0.964063	-1.03728	24.5081	8.99668	0.326302	1
cg27002522	0.000767922	0.200201	-4.99497	0.587183	0.841079	-1.18895	0.693232	0.882346	-1.13334	11.7834	18.6015	1.40321	1
cg17031478	0.000704017	0.0862251	-11.5976	0.481352	1.40446	1.40446	0.433114	1.46172	1.46172	11.0853	39.5393	3.1705	1
cg14644523	0.101949	0.461736	-2.16574	0.673656	1.19776	1.19776	0.356565	1.49983	1.49983	9.26296	23.1283	2.18475	1
cg21703606	0.00200701	2.66375	2.66375	0.00173721	2.72826	2.72826	0.654148	1.10665	1.10665	6.59862	5.27763	0.71094	1
cg15700739	0.0149342	0.704703	-1.41904	0.169186	1.18681	1.18681	0.645787	0.947322	-1.05561	6.12099	1.32549	0.192488	1
cg19182597	0.00184294	0.176956	-5.65111	0.836339	0.92219	-1.08437	0.6237	0.823954	-1.21366	4.90421	11.911	2.15886	1
cg05982757	0.0699192	0.490618	-2.03825	0.00718037	3.38542	3.38542	0.719723	0.881078	-1.13497	4.31209	8.43182	1.73812	1
cg05987823	0.000864351	82.5823	82.5823	0.665727	0.681373	-1.46762	0.738778	0.744237	-1.34366	4.23459	52.2492	10.9677	1
cg00576279	0.881227	1.02455	1.02455	0.811405	0.96196	-1.03954	0.0741055	1.38114	1.38114	3.54346	1.47718	0.370556	1
cg00218447	0.00648608	23.7595	23.7595	0.127268	4.37726	4.37726	0.837598	1.2017	1.2017	3.46545	43.991	11.2837	1
cg03668274	0.0923363	0.419358	-2.3846	0.131459	2.14654	2.14654	0.463283	1.41936	1.41936	8.71333	30.3669	3.09788	1
cg00567703	1.66E-06	0.135563	-7.37664	0.000431261	2.52302	2.52302	0.0031612	0.51159	-1.95469	33.9552	14.8529	0.388822	1
cg19164987	0.000297914	0.411129	-2.43232	0.00992932	0.611574	-1.63512	0.149004	0.791635	-1.26321	23.583	8.51423	0.320918	1
cg07915976	0.00188348	0.313143	-3.19343	0.00146998	0.298273	-3.35264	0.000321383	0.215717	-4.6357	20.9852	23.0763	0.97746	1
cg07080050	0.000156003	0.289836	-3.45023	0.012448	0.551593	-1.81293	0.113224	0.719108	-1.39061	20.0999	11.6497	0.515192	1
cg19892287	?	?	?	0.252237	1.65748	1.65748	?	?	?	23.1938	47.0577	1.73905	1
cg17827660	0.032449	0.370978	-2.69557	0.687741	0.859766	-1.16311	0.593599	1.22351	1.22351	14.134	26.4016	1.40096	1
cg15772924	0.00170083	0.205565	-4.86464	0.00823276	0.303313	-3.29693	0.0622014	0.476625	-2.09808	7.88589	15.5603	1.75394	1
cg03305955	0.00214905	0.222221	-4.50002	0.00364358	0.253437	-3.94576	0.0154948	0.354757	-2.81883	7.62735	14.7129	1.71464	1
cg08106887	0.00133372	0.184609	-5.41685	0.00484526	0.258413	-3.86978	0.0231416	0.374	-2.6738	6.02748	12.5232	1.84683	1
cg25122233	0.00848315	0.134959	-7.40968	0.886521	1.08884	1.08884	0.0567395	0.27654	-3.61612	4.77331	26.8583	5.00157	1
cg10593493	0.000779456	0.5417	-1.84604	0.893129	0.983918	-1.01634	0.332192	0.886334	-1.12824	4.29294	0.989094	0.2048	1
cg15611151	0.0102892	0.248875	-4.01808	0.129321	2.02366	2.02366	0.536791	0.764129	-1.30868	3.81684	11.1832	2.60442	1
cg11941633	0.000725402	0.669482	-1.49369	1.86E-07	3.47836	3.47836	0.821318	0.982497	-1.01781	39.7332	3.83451	0.0857836	1
cg03892356	0.00861692	0.378953	-2.63885	0.387651	1.29239	1.29239	0.986281	1.00499	1.00499	26.1521	34.7549	1.18129	1
cg21582112	0.00138935	0.444238	-2.25104	0.00621307	1.86767	1.86767	0.0021111	0.469093	-2.13177	12.6012	6.11954	0.431672	1
cg22378817	0.120359	0.706909	-1.41461	0.00121084	2.6525	2.6525	0.275386	0.791669	-1.26315	6.58201	4.41823	0.596674	1
cg12232783	0.0140518	0.595575	-1.67905	0.0158645	1.65692	1.65692	0.833013	1.03675	1.03675	3.83514	1.77438	0.411256	1
cg13726459	2.49E-06	0.177093	-5.64675	0.0686772	1.36249	1.36249	0.018718	0.64889	-1.54109	30.8703	11.2648	0.324361	1
cg26019295	0.0131402	0.710933	-1.4066	1.57E-06	3.83284	3.83284	0.0213867	1.35903	1.35903	30.5538	5.95646	0.173289	1
cg18040878	0.00246829	0.580806	-1.72174	2.36E-05	2.97258	2.97258	0.089763	1.27305	1.27305	26.4382	6.97621	0.23455	1
cg15817960	3.90E-05	0.3618	-2.76396	0.391361	1.12003	1.12003	0.0638466	0.764237	-1.3085	24.107	6.36063	0.234533	1
cg17026220	0.00846696	0.469141	-2.13155	9.69E-05	4.76239	4.76239	0.369522	0.812607	-1.23061	16.3871	13.1579	0.713727	1
cg01153660	0.0158355	0.360251	-2.77584	1.29E-05	23.6658	23.6658	0.93222	0.971043	-1.02982	13.4361	25.3917	1.67983	1
cg04794183	0.0245684	0.593476	-1.68499	5.76E-05	4.27788	4.27788	0.513716	1.13774	1.13774	13.1427	7.9024	0.534468	1
cg22621272	6.00E-05	0.213758	-4.67818	0.898419	0.973784	-1.02692	0.00701976	0.484311	-2.06479	12.8664	8.8163	0.609083	1
cg04105511	0.00931392	0.555964	-1.79868	3.43E-05	4.16574	4.16574	0.853301	1.03349	1.03349	12.1916	6.11545	0.445878	1
cg23047434	0.942962	0.983812	-1.01645	1.88E-05	7.28799	7.28799	0.602356	0.887013	-1.12738	11.0596	9.11234	0.732385	1
cg05296643	0.0142061	0.440772	-2.26875	0.000189434	5.49807	5.49807	0.266981	1.36778	1.36778	8.37649	9.72981	1.0325	1
cg02491017	0.00332665	0.22022	-4.54091	0.000333037	8.95204	8.95204	0.161488	1.76127	1.76127	7.70887	17.4975	2.01759	1
cg14108840	0.0201999	0.496287	-2.01496	0.000516545	3.87686	3.87686	0.483057	1.19518	1.19518	6.91644	6.85281	0.880711	1
cg04704531	0.00225194	0.153846	-6.5	0.0252202	3.20615	3.20615	0.0525805	0.381073	-2.62417	6.62537	20.1092	2.69794	1
cg22198132	0.00275816	3.474	3.474	0.0092505	2.70755	2.70755	0.506242	1.22552	1.22552	6.55175	9.43517	1.28009	1
cg01473837	0.05125	0.667021	-1.4992	0.333409	1.19963	1.19963	0.343599	1.1948	1.1948	6.00408	3.16452	0.468499	1
cg12905836	0.0447309	0.393164	-2.54347	0.0281605	2.85839	2.85839	0.692849	0.851428	-1.1745	5.96916	15.5174	2.31076	1
cg26162108	0.0300017	0.71219	-1.40412	0.000483241	2.07029	2.07029	0.326909	1.14404	1.14404	5.67161	1.58793	0.24887	1
cg16937769	0.0349322	0.437267	-2.28693	0.00355537	3.77906	3.77906	0.0709173	0.507085	-1.97206	4.87511	8.74542	1.59457	1
cg06714180	0.00323594	0.244656	-4.08736	0.0577052	0.471298	-2.1218	0.0837546	0.511274	-1.9559	4.72378	9.19278	1.72984	1
cg03255182	0.00315681	7.74919	7.74919	0.000392222	17.5932	17.5932	0.496849	1.4193	1.4193	8.27312	33.7596	3.62724	1
cg22660542	0.00105933	0.481624	-2.07631	0.121067	1.28876	1.28876	0.0149562	0.63666	-1.5707	46.4139	16.7397	0.320588	1
cg13545297	0.000126551	0.199916	-5.0021	1.94E-06	17.1681	17.1681	0.250036	0.748242	-1.33647	37.0691	34.177	0.819538	1
cg27613172	0.000176277	0.0815561	-12.2615	0.00473055	0.227896	-4.38796	0.00271184	0.195476	-5.11573	16.9163	41.6115	2.18653	1
cg14301713	0.0124501	0.526262	-1.90019	0.24048	1.28875	1.28875	0.128233	0.712184	-1.40413	11.6261	7.84589	0.599866	1
cg16908257	4.91E-05	0.281843	-3.54807	0.203853	0.800394	-1.24938	0.555945	0.905845	-1.10394	8.84973	3.86348	0.388057	1
cg02344911	0.00941253	0.443109	-2.25678	0.00148738	3.10504	3.10504	0.139597	1.48154	1.48154	6.17341	5.97784	0.860729	1
cg07791427	0.83698	1.11465	1.11465	0.0680602	3.0715	3.0715	0.674155	0.800002	-1.25	8.15496	34.1079	2.78832	1
cg25917510	0.120713	0.826144	-1.21044	0.000331696	1.92988	1.92988	0.673253	1.04931	1.04931	5.92641	1.20881	0.181306	1
cg10587913	2.67E-05	2.53697	2.53697	7.82E-05	2.22897	2.22897	0.893902	1.01508	1.01508	47.0906	9.38161	0.177088	1
cg07634179	0.141985	0.815976	-1.22553	1.32E-05	3.24249	3.24249	0.0347022	0.728226	-1.3732	22.3047	5.86165	0.233599	1
cg21272774	0.888419	0.967966	-1.03309	0.000107099	4.87873	4.87873	0.329646	1.26278	1.26278	21.1994	18.059	0.757211	1
cg25456468	0.010824	0.480416	-2.08153	5.65E-05	5.54817	5.54817	0.11678	0.676843	-1.47745	14.137	11.7469	0.738611	1
cg23828720	0.00197382	0.432993	-2.30951	0.748356	0.940237	-1.06356	0.155776	1.33744	1.33744	12.6547	7.34636	0.51602	1
cg09045655	0.000146686	14.7616	14.7616	0.011722	3.66117	3.66117	0.0999955	0.475763	-2.10189	11.1945	30.1158	2.39132	1
cg23685155	0.286014	0.791052	-1.26414	3.16E-05	5.55803	5.55803	0.143532	1.39444	1.39444	10.85	7.68976	0.629983	1
cg22679316	0.00357299	0.287068	-3.4835	0.0464733	2.05673	2.05673	0.04491	0.482954	-2.07059	9.20158	14.5718	1.40766	1
cg15410411	0.0460382	0.536389	-1.86432	0.00946304	2.44946	2.44946	0.195929	0.688946	-1.45149	7.146	8.40064	1.04495	1
cg02227188	0.00403125	0.310467	-3.22096	0.00484616	0.322619	-3.09963	0.151611	0.628006	-1.59234	6.7093	9.74328	1.29085	1
cg09045007	0.000188599	0.326433	-3.06342	0.76131	0.947281	-1.05565	0.114066	0.736691	-1.35742	6.47698	2.8816	0.444899	1
cg13357393	0.332807	1.1297	1.1297	0.0225711	1.39566	1.39566	0.637168	1.05971	1.05971	6.09009	1.43713	0.209758	1
cg03215137	0.0415724	0.442791	-2.2584	0.883367	1.05221	1.05221	0.023344	2.55883	2.55883	5.45073	10.3771	1.69227	1
cg12699286	0.461062	0.562926	-1.77643	0.0369046	6.39748	6.39748	0.523805	1.64001	1.64001	4.67205	38.565	8.25442	1
cg26829131	0.263236	0.711759	-1.40497	0.00223794	3.48272	3.48272	0.612464	0.861639	-1.16058	3.76506	5.06777	1.19644	1
cg13233407	0.298671	0.589124	-1.69743	0.106498	2.37676	2.37676	0.716012	1.19657	1.19657	3.62604	13.8553	3.39649	1
cg12071536	0.773017	1.04985	1.04985	4.74E-07	10.8178	10.8178	0.344847	1.17781	1.17781	43.437	19.4645	0.398319	1
cg05069426	0.00878865	0.257223	-3.88767	0.000250482	11.6816	11.6816	0.723017	1.15582	1.15582	7.94002	20.8225	2.33109	1
cg02466815	0.0689732	1.53995	1.53995	9.03E-08	41.0834	41.0834	3.68E-07	22.2497	22.2497	67.2476	47.9371	0.63364	1
cg03553278	9.07E-05	3.52635	3.52635	6.17E-07	11.7458	11.7458	2.88E-05	4.3896	4.3896	33.0225	16.9624	0.456588	1
cg08809260	0.946457	1.02256	1.02256	1.75E-05	18.5637	18.5637	4.74E-05	12.763	12.763	18.0407	31.5306	1.55356	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02746725	HOXD1	0.000229288	0.0370014	0.228991	-4.36698	0.0323962	4.59256	4.59256	0.877748	1.09821	1.09821	0.404278	1.68096	1.68096	0.869411	0.904712	-1.10532
cg03450948	HOXD1	0.00033324	0.704345	1.08279	1.08279	0.305776	1.24761	1.24761	0.699391	0.922238	-1.08432	0.0289154	1.71153	1.71153	0.0571067	1.56687	1.56687
cg20676716	HOXD1	0.000847035	0.641899	1.1038	1.1038	0.603581	1.1168	1.1168	0.151777	1.3824	1.3824	0.324447	1.23935	1.23935	0.682504	0.916925	-1.0906
cg07797397	HOXD1	0.0140562	0.19763	0.796699	-1.25518	0.69526	1.06791	1.06791	0.00131041	2.18308	2.18308	0.160073	1.28467	1.28467	0.356559	1.17147	1.17147
cg19542816	HOXD1	0.0161206	0.60784	1.11467	1.11467	0.00302031	0.426293	-2.3458	0.275585	1.26857	1.26857	0.550376	1.13511	1.13511	0.1238	0.704974	-1.41849
cg05099387	HOXD1	0.0174755	0.0992027	0.789782	-1.26617	0.0497592	0.746595	-1.33941	0.229837	0.848308	-1.17882	0.190371	1.19851	1.19851	0.0050756	0.616501	-1.62206
cg02150988	HOXD1	0.0409378	0.899504	1.01741	1.01741	0.943813	0.990415	-1.00968	0.00858447	1.58103	1.58103	0.102239	1.27682	1.27682	0.423637	1.11814	1.11814
cg10125317	HOXD10	7.06E-06	0.641568	0.939132	-1.06481	0.181737	0.827053	-1.20911	0.000493511	0.481532	-2.07671	0.227547	1.18493	1.18493	7.69E-06	0.268309	-3.72704
cg25953239	HOXD10	2.20E-05	5.69E-05	4.28963	4.28963	0.00156113	0.412384	-2.42492	0.0117689	0.541684	-1.84609	0.725817	1.07102	1.07102	0.000741513	0.368551	-2.71333
cg18115040	HOXD10	0.000182177	0.455411	1.36045	1.36045	0.094852	0.475573	-2.10273	0.0023237	5.59571	5.59571	2.05E-05	32.5954	32.5954	?	?	?
cg05979020	HOXD10	0.000415316	0.281139	1.56467	1.56467	0.68645	0.850285	-1.17608	0.015186	3.29325	3.29325	0.000346896	9.97223	9.97223	0.680776	0.84762	-1.17977
cg25371634	HOXD10	0.000792738	0.00770196	0.737949	-1.35511	0.233021	1.11738	1.11738	0.0488047	1.22103	1.22103	0.0076499	0.737655	-1.35565	0.00189876	0.676687	-1.47779
cg06005169	HOXD10	0.000843437	0.451986	1.16579	1.16579	0.00117054	0.385288	-2.59546	0.0985877	0.695863	-1.43707	0.0391694	0.620155	-1.6125	0.287053	1.2477	1.2477
cg08992581	HOXD10	0.00127194	0.491529	0.904495	-1.10559	0.0140701	1.54573	1.54573	0.719475	1.05318	1.05318	0.475372	1.10991	1.10991	0.433998	0.891638	-1.12153
cg21591742	HOXD10	0.00191249	0.316881	1.35442	1.35442	3.55E-05	10.3795	10.3795	0.060903	1.85781	1.85781	0.154748	1.5629	1.5629	0.830942	1.06469	1.06469

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02746725	0.00413191	10.3861	10.3861	0.231892	0.466231	-2.14486	2.66E-05	156.701	156.701	5.18E-05	100.344	100.344	17.7019	103.841	5.21431	1
cg03450948	0.241864	1.29119	1.29119	5.28E-06	0.115973	-8.62266	0.182085	0.744174	-1.34377	0.538959	0.87829	-1.13858	15.9832	11.0182	0.61277	1
cg20676716	0.68221	0.916846	-1.0907	9.42E-06	0.133251	-7.50465	0.863297	1.03701	1.03701	0.583991	1.12368	1.12368	12.332	8.68543	0.626044	1
cg07797397	0.0401123	1.48566	1.48566	0.0155413	0.609408	-1.64094	0.527177	1.11285	1.11285	0.252522	1.22076	1.22076	5.29291	2.3349	0.392123	1
cg19542816	0.00311586	0.42827	-2.33498	0.310083	1.24645	1.24645	0.916919	0.978353	-1.02213	0.254469	1.28347	1.28347	5.05834	3.5242	0.619298	1
cg05099387	0.301804	0.869633	-1.14991	0.876278	0.979862	-1.02055	0.00899258	1.543	1.543	0.135866	0.810702	-1.2335	4.92378	1.32955	0.240023	1
cg02150988	0.328573	0.871279	-1.14774	0.00772556	0.626506	-1.59615	0.681923	1.05793	1.05793	0.888447	1.01936	1.01936	3.65178	1.07992	0.262866	1
cg10125317	6.21E-05	0.371987	-2.68826	2.46E-07	0.127091	-7.86837	0.135352	0.806047	-1.24062	0.000494149	0.481601	-2.07641	44.3937	12.6161	0.25261	1
cg25953239	0.0491641	0.645612	-1.54892	3.69E-06	0.121287	-8.24491	0.000762279	2.70166	2.70166	0.204516	0.770366	-1.29808	33.049	19.8738	0.534527	1
cg18115040	0.0480806	0.400601	-2.49625	0.620517	1.22394	1.22394	0.000107951	15.8596	15.8596	0.66261	1.19453	1.19453	19.3157	44.578	2.30787	1
cg05979020	0.174851	0.561745	-1.78017	0.000366381	0.102183	-9.7864	0.000193257	12.2786	12.2786	0.19457	1.73049	1.73049	15.0435	38.0531	2.24848	1
cg25371634	0.000166609	0.566035	-1.76667	0.000627531	0.627128	-1.59457	0.170082	0.878372	-1.13847	0.799354	0.977648	-1.02286	12.5643	1.56737	0.110887	1
cg06005169	3.64E-05	0.203547	-4.91286	0.0173721	0.559973	-1.7858	0.124104	1.39565	1.39565	0.0466034	0.633702	-1.57803	12.3468	7.83653	0.564177	1
cg08992581	0.204156	0.824872	-1.21231	9.54E-05	0.368577	-2.71314	0.00124679	1.96904	1.96904	0.562097	1.08786	1.08786	10.9875	3.5919	0.290586	1
cg21591742	0.423488	1.27085	1.27085	0.988606	0.995822	-1.0042	0.00140697	3.8799	3.8799	0.11607	1.64999	1.64999	9.7683	13.2999	1.21025	1

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12430701	HPCAL1	0.00295144	0.00118236	0.258407	-3.86987	0.010743	0.40175	-2.48911	0.130302	0.628217	-1.59181	0.0463548	1.91406	1.91406	0.000762597	0.234346	-4.2672	0.00557289	0.354946	-2.81733	0.776862	1.08419	1.08419	0.93217	0.976072	-1.02451	0.234467	0.701484	-1.42555	8.5997	11.0234	1.13941	1
cg11147193	HPCAL1	0.0117646	0.058297	0.309139	-3.2348	0.00043322	0.0472082	-21.1828	0.0319476	0.251811	-3.97123	0.559771	1.38203	1.38203	0.0723939	0.33287	-3.00417	0.244937	0.51308	-1.94901	0.0181815	0.207341	-4.82297	0.036756	0.264168	-3.78547	0.146754	0.4255	-2.35018	5.60941	26.7432	4.23783	1
cg11917595	HPCAL1;HPCAL1	6.13E-06	0.000321728	0.516517	-1.93605	0.824334	1.02556	1.02556	0.000638886	0.551481	-1.8133	2.20E-05	0.380177	-2.63036	1.21E-07	0.147473	-6.7809	9.89E-05	0.456317	-2.19146	0.000633402	0.551042	-1.81474	0.227905	0.866172	-1.15451	0.00820085	0.68116	-1.46808	46.0565	9.39922	0.181405	1
cg00141688	HPCAL1;HPCAL1	0.000416571	0.612705	1.06382	1.06382	0.00378495	1.60549	1.60549	0.634114	1.05983	1.05983	0.49364	1.08789	1.08789	2.83E-05	0.36868	-2.71238	0.00787701	0.661573	-1.51155	0.0197223	0.710857	-1.40675	0.814291	0.971887	-1.02893	0.00145089	0.572598	-1.74643	15.0309	3.49613	0.206752	1
cg05232081	HPCAL1;HPCAL1	0.0005121	0.00274582	0.20394	-4.9034	0.00133071	0.166108	-6.02018	0.00173518	0.179342	-5.57595	0.0162459	0.322802	-3.09788	0.000864963	0.146096	-6.8448	0.00306242	0.210121	-4.75917	0.000368736	0.111522	-8.96687	9.03E-05	0.0676337	-14.7855	0.00430982	0.230339	-4.34142	14.196	33.2727	2.08338	1
cg06839854	HPCAL1;HPCAL1	0.00141624	0.766944	1.0675	1.0675	0.0205527	0.541595	-1.8464	0.138922	0.704625	-1.41919	0.00451382	0.435252	-2.29752	0.00273855	0.403009	-2.48133	0.000976097	0.340248	-2.93903	0.000140696	0.235918	-4.23877	0.673274	1.0977	1.0977	0.0114204	0.498679	-2.0053	10.6542	8.15117	0.68006	1
cg08266974	HPCAL1;HPCAL1	0.00378848	0.268508	0.840024	-1.19044	0.882278	0.977836	-1.02267	0.000974679	0.476106	-2.10037	0.0399407	0.698252	-1.43215	0.000640602	0.452617	-2.20937	0.00763188	0.595218	-1.68006	0.645461	0.932326	-1.07259	0.00277435	0.535777	-1.86645	0.0356381	0.690805	-1.44759	7.98195	2.89233	0.322097	1
cg26947572	HPCAL1;HPCAL1	0.00506548	0.164466	0.892026	-1.12104	0.000239824	0.626053	-1.59731	0.752939	0.975969	-1.02462	0.687968	1.03159	1.03159	0.0131023	0.788966	-1.26748	0.00737905	0.766475	-1.30467	0.00503285	0.751409	-1.33083	0.101777	0.871113	-1.14796	0.131755	0.882208	-1.13352	7.30949	0.686974	0.0835412	1
cg14904034	HPCAL1;HPCAL1	0.00875704	0.146799	0.614707	-1.62679	0.823977	1.0721	1.0721	0.0184607	0.409385	-2.44269	0.330894	0.730881	-1.36821	0.0041511	0.300977	-3.32251	0.630853	1.16334	1.16334	0.000836362	0.207886	-4.81033	0.0115388	0.372632	-2.68361	0.0490789	0.495577	-2.01785	6.16563	9.53525	1.37468	1
cg06193988	HPCAL1;HPCAL1	0.0116171	0.632658	1.03672	1.03672	0.378859	0.934633	-1.06994	0.0477066	0.844055	-1.18476	0.00353463	1.3446	1.3446	0.034102	0.83097	-1.20341	0.0171646	1.24292	1.24292	0.179036	0.89863	-1.1128	0.0994519	0.873529	-1.14478	0.2231	0.908596	-1.1006	5.63238	0.500131	0.0789296	1
cg13413387	HPCAL1;HPCAL1	0.0167489	0.0190478	0.620273	-1.61219	0.113112	0.748144	-1.33664	0.0298976	0.650557	-1.53714	0.988943	1.00233	1.00233	0.0013186	0.455484	-2.19547	0.312657	0.838834	-1.19213	0.149214	1.29727	1.29727	0.25175	0.81752	-1.22321	0.0343851	0.660173	-1.51475	4.99426	2.23973	0.398632	1
cg00238897	HPCAL1;HPCAL1	0.0178154	0.0651434	0.379563	-2.63461	0.829404	0.903978	-1.10622	0.0603406	2.69398	2.69398	0.939218	0.964951	-1.03632	0.0221693	0.277204	-3.60746	0.570884	0.764943	-1.30729	0.00299067	0.148803	-6.72028	0.0166354	0.254603	-3.92768	0.0657095	0.380521	-2.62798	4.89204	16.9582	3.08132	1
cg03467256	HPCAL1;HPCAL1	0.0182031	0.898013	0.983678	-1.01659	0.0141539	1.47481	1.47481	0.293052	0.869371	-1.15026	0.384482	1.12124	1.12124	0.264748	0.861421	-1.16087	0.105725	1.25457	1.25457	0.000842288	1.90482	1.90482	0.645098	1.06133	1.06133	0.252479	1.1658	1.1658	4.85676	1.2669	0.23187	1
cg14465080	HPCAL1;HPCAL1	0.0184462	0.368178	0.668517	-1.49585	0.0129001	3.8378	3.8378	0.215094	1.76562	1.76562	0.00116583	0.125306	-7.98047	0.779739	1.12991	1.12991	0.804434	0.897551	-1.11414	0.712128	0.850892	-1.17524	0.215868	0.566971	-1.76376	0.577568	1.27777	1.27777	4.8351	14.5345	2.67203	1
cg09171253	HPCAL1;HPCAL1	0.0197576	0.252906	0.850599	-1.17564	0.107227	1.26902	1.26902	0.0218646	0.688811	-1.45178	0.963426	1.00623	1.00623	0.00449151	0.598514	-1.67081	0.45137	1.10958	1.10958	0.0158018	1.49284	1.49284	0.622703	1.06951	1.06951	0.819137	1.03152	1.03152	4.72409	1.37379	0.258493	1
cg16444641	HPCAL1;HPCAL1	0.0247442	0.0274528	0.193639	-5.16425	0.0167827	0.15928	-6.27827	0.0804898	0.295141	-3.38821	0.180911	0.408945	-2.44532	0.0137414	0.146968	-6.80422	0.079647	0.293921	-3.40228	0.00857927	0.121197	-8.25106	0.00531296	0.0990496	-10.096	0.154172	0.382826	-2.61215	4.37284	27.4397	5.57781	1
cg11938718	HPCAL1;HPCAL1	0.0288112	0.00755919	0.233613	-4.28059	0.138747	0.509489	-1.96275	0.0166678	0.290305	-3.44465	0.0232211	0.317244	-3.15215	0.0335387	0.349668	-2.85985	0.41167	0.701034	-1.42646	0.0372341	0.359428	-2.7822	0.298352	0.633722	-1.57798	0.00776265	0.235361	-4.24879	4.14579	11.7564	2.52066	1
cg10283844	HPCAL1;HPCAL1	0.0394776	0.00971834	0.147082	-6.79893	0.113058	0.363976	-2.74743	0.141573	0.396019	-2.52513	0.0419097	0.253089	-3.95118	0.00709677	0.130236	-7.67834	0.0302526	0.224718	-4.45003	0.568138	0.713133	-1.40226	0.120539	0.372782	-2.68254	0.0315077	0.228083	-4.38437	3.701	20.1295	4.83461	1
cg16927353	HPCAL1;HPCAL1	0.0399807	0.258377	0.71154	-1.4054	0.472959	0.81006	-1.23448	0.768693	0.918419	-1.08883	0.0226869	0.455116	-2.19724	0.0851162	0.577319	-1.73215	0.666949	0.882552	-1.13308	0.641971	0.873609	-1.14468	0.0306089	2.08144	2.08144	0.0173759	2.3068	2.3068	3.68379	4.85864	1.17238	1
cg07391218	HPCAL1;HPCAL1	0.0497569	0.14087	1.34285	1.34285	0.352899	0.837014	-1.19472	0.52486	1.12742	1.12742	0.254751	0.801459	-1.24773	0.191955	0.773306	-1.29315	0.0221319	0.600125	-1.66632	0.00828471	0.533501	-1.87441	0.393634	0.849902	-1.17661	0.215789	1.27439	1.27439	3.39441	1.86231	0.48768	1
cg01811100	HPCAL4	0.00117411	0.00545728	0.431928	-2.3152	0.0304411	0.557533	-1.79361	0.0419981	0.583784	-1.71296	0.199894	1.36483	1.36483	5.28E-05	0.176523	-5.66499	0.0070399	0.44926	-2.22588	0.167644	1.40185	1.40185	0.264958	1.30583	1.30583	0.311364	0.786187	-1.27196	11.2415	9.39219	0.742658	1
cg22851420	HPCAL4	0.00991218	0.046579	5.24316	5.24316	0.0310488	6.29865	6.29865	0.265979	2.32261	2.32261	0.135455	3.22155	3.22155	0.0538633	4.9103	4.9103	0.0954213	3.78792	3.78792	0.000374882	62.5017	62.5017	0.00608993	13.5096	13.5096	0.0264335	6.77652	6.77652	5.92731	49.6184	7.44102	1
cg07317551	HPCAL4	0.0190989	0.0164878	0.517753	-1.93142	0.110559	1.47796	1.47796	0.393458	1.21701	1.21701	0.612456	1.12162	1.12162	0.00231814	0.384456	-2.60108	0.11313	0.678829	-1.47313	0.826613	1.05052	1.05052	0.613037	1.1214	1.1214	0.113644	1.47217	1.47217	4.77866	3.82031	0.710623	1
cg16040504	HPCAL4	0.033939	0.0345632	2.207	2.207	0.0828541	1.85319	1.85319	0.705124	1.12989	1.12989	0.254202	1.46586	1.46586	0.00902499	2.90437	2.90437	0.00252147	3.8466	3.8466	0.81659	0.928091	-1.07748	0.969171	1.01249	1.01249	0.266578	1.45036	1.45036	3.91037	6.38992	1.45253	1
cg18438793	HPCAL4	0.035299	0.0530484	17.5897	17.5897	0.0314829	26.8534	26.8534	0.128257	8.53808	8.53808	0.0774069	12.9425	12.9425	0.0527152	17.6797	17.6797	0.084729	12.0221	12.0221	0.00545192	117.713	117.713	0.0142638	51.5336	51.5336	0.0272644	30.1931	30.1931	3.85524	103.876	23.9503	1
cg00036110	HPCAL4	0.0404199	0.606964	0.819978	-1.21954	0.0405426	2.47129	2.47129	0.475028	0.7574	-1.32031	0.0883533	0.487132	-2.05283	0.0120418	0.301855	-3.31285	0.0307041	0.378732	-2.64039	0.474261	0.757022	-1.32097	0.217531	0.608822	-1.64252	0.0333878	0.386377	-2.58815	3.66899	8.50207	2.0598	1
cg19320564	HPCAL4	0.0436813	0.186357	1.26667	1.26667	0.253105	1.22313	1.22313	0.458933	1.1357	1.1357	0.74608	0.946651	-1.05636	0.0280499	0.645425	-1.54937	0.226583	0.807157	-1.23892	0.0666402	0.706794	-1.41484	0.0260043	1.56181	1.56181	0.0837525	1.38118	1.38118	3.56492	1.60762	0.400849	1
cg02506908	HPD	0.0113939	0.0174463	0.231489	-4.31987	0.014737	0.219229	-4.56144	0.00422148	0.144141	-6.93767	0.0738223	0.36511	-2.7389	0.00335641	0.13295	-7.52161	0.0372038	0.294361	-3.39718	0.00699094	0.171388	-5.83471	0.474403	0.692233	-1.4446	0.0213259	0.246851	-4.05103	5.66782	22.9488	3.59909	1
cg21502250	HPD	0.022978	0.0274424	0.206881	-4.8337	0.22457	0.462751	-2.16099	0.0811866	0.31106	-3.21482	0.027374	0.206686	-4.83826	0.00769671	0.126378	-7.91277	0.0314595	0.217824	-4.59086	0.00352124	0.0916121	-10.9156	0.218533	0.457612	-2.18526	0.0220847	0.190528	-5.24857	4.48634	25.9244	5.13646	1
cg07129647	HPD	0.0466685	0.299352	1.91455	1.91455	0.289486	1.94234	1.94234	?	?	?	0.635952	1.33367	1.33367	0.99513	0.996321	-1.00369	0.00167591	0.0663386	-15.0742	0.441996	0.622894	-1.60541	0.891991	1.08549	1.08549	0.286049	0.512217	-1.9523	3.53003	18.1198	5.13304	1
cg13951491	HPDL	0.00442361	0.056223	2.51388	2.51388	0.0242078	3.14433	3.14433	0.11639	2.06969	2.06969	0.0823323	2.27161	2.27161	0.0116197	3.83777	3.83777	0.0201897	3.30135	3.30135	0.000165708	15.4246	15.4246	0.00339375	5.46333	5.46333	0.0364344	2.81995	2.81995	7.61717	21.9276	2.55884	1
cg16593917	HPDL	0.00724739	0.0157408	4.70857	4.70857	0.00535703	6.82215	6.82215	0.0207836	4.29335	4.29335	0.143273	2.27848	2.27848	0.0173234	4.56055	4.56055	0.0160735	4.6758	4.6758	0.000947341	13.2009	13.2009	0.00621906	6.4713	6.4713	0.0318929	3.73038	3.73038	6.54378	28.4072	3.85876	1
cg26781150	HPDL	0.0179709	0.815666	1.06518	1.06518	0.370369	1.28239	1.28239	0.0123695	2.32103	2.32103	0.894543	0.964775	-1.03651	0.804667	1.06929	1.06929	0.0133711	2.28976	2.28976	0.000768415	3.9645	3.9645	0.109357	1.60325	1.60325	0.560568	1.17248	1.17248	4.87778	5.64789	1.02923	1
cg00233485	HPDL	0.0476103	0.289425	0.760775	-1.31445	0.127306	0.663647	-1.50683	0.0618285	0.592774	-1.68698	0.283679	1.3191	1.3191	0.00446999	0.389564	-2.56697	0.784822	1.07042	1.07042	0.903268	0.970221	-1.03069	0.244997	0.739054	-1.35308	0.0195111	0.495626	-2.01765	3.45158	3.37972	0.870383	1
cg10164640	HPDL;HPDL	0.0011667	0.934949	0.989221	-1.0109	0.220087	1.18671	1.18671	0.000197789	2.29405	2.29405	0.0442526	0.735792	-1.35908	0.655524	0.94213	-1.06143	0.204411	1.19459	1.19459	0.000122864	2.43421	2.43421	0.0312288	1.39878	1.39878	0.417351	1.11632	1.11632	11.2618	3.14398	0.248152	1
cg12178578	HPDL;HPDL	0.0327403	0.0505646	24.8677	24.8677	0.117675	11.5966	11.5966	0.0942666	14.1991	14.1991	0.070076	18.5584	18.5584	0.589731	2.19276	2.19276	0.119502	11.4336	11.4336	0.00302692	351.063	351.063	0.0088416	122.359	122.359	0.035999	33.7175	33.7175	3.96127	130.508	29.2853	1
cg21868134	HPDL;HPDL	0.0357026	0.112233	12.4664	12.4664	0.230328	6.27197	6.27197	0.0359849	35.1328	35.1328	0.0540268	24.3078	24.3078	0.868947	0.785898	-1.27243	0.30317	4.7402	4.7402	0.00373243	303.069	303.069	0.0129042	90.3489	90.3489	0.0393659	32.3837	32.3837	3.83938	129.44	29.9679	1
cg02822257	HPGD;HPGD;HPGD	0.000280123	0.0240455	0.75777	-1.31966	0.000151254	1.95464	1.95464	2.51E-05	2.36889	2.36889	0.022025	1.32719	1.32719	0.845958	0.980153	-1.02025	0.0247368	1.31724	1.31724	0.874366	0.983824	-1.01644	0.0464042	1.26507	1.26507	0.00171137	1.58637	1.58637	16.7614	2.81976	0.149537	1
cg18164599	HPGD;HPGD;HPGD	0.000443001	0.288407	0.921814	-1.08482	0.0166885	0.805851	-1.24092	6.61E-05	1.71689	1.71689	0.00655468	0.770381	-1.29806	0.00126208	1.41578	1.41578	0.0343408	1.20003	1.20003	0.0135552	0.797973	-1.25317	0.890336	1.01024	1.01024	0.677372	1.03139	1.03139	14.7777	1.2771	0.0768184	1
cg03772063	HPGD;HPGD;HPGD	0.00156818	0.89175	1.05335	1.05335	0.882156	0.944951	-1.05826	0.0117431	0.300729	-3.32526	0.0776333	0.472999	-2.11417	0.181585	0.581978	-1.71828	0.00909761	0.282222	-3.54332	2.25E-05	0.039054	-25.6056	0.777316	0.897417	-1.11431	0.176352	0.577704	-1.73099	10.3462	23.8765	2.05134	1
cg04555941	HPGD;HPGD;HPGD	0.00456426	0.00453203	0.239377	-4.1775	0.00493406	4.08651	4.08651	0.614674	0.825396	-1.21154	0.0421752	0.41276	-2.42272	0.00329247	0.220084	-4.54373	0.0176907	0.335992	-2.97626	0.0134111	0.314253	-3.18215	0.527281	0.784948	-1.27397	0.620758	0.828163	-1.20749	7.54518	17.0779	2.01192	1
cg01084566	HPGD;HPGD;HPGD	0.0188016	0.0218612	0.307614	-3.25083	0.0753099	0.428035	-2.33626	0.820727	0.90732	-1.10215	0.00606518	0.215322	-4.64421	0.0334212	0.344719	-2.90091	0.0147549	0.276418	-3.61771	0.00321065	0.178452	-5.60374	0.571322	0.782595	-1.2778	0.898646	0.946859	-1.05612	4.80407	13.9706	2.58496	1
cg20455617	HPGD;HPGD;HPGD	0.0484546	0.189373	0.593187	-1.68581	0.403747	0.725459	-1.37844	0.232765	0.624981	-1.60005	0.0316694	0.388192	-2.57604	0.00428857	0.238125	-4.19948	0.15011	0.560159	-1.78521	0.0404527	0.411056	-2.43276	0.195064	1.67337	1.67337	0.331335	0.686255	-1.45718	3.42873	7.66279	1.98656	1
cg11073923	HPGD;HPGD;HPGD;HPGD;HPGD	0.0246228	0.276021	0.818707	-1.22144	0.0107875	1.76012	1.76012	0.841061	0.965176	-1.03608	0.495938	1.1298	1.1298	0.596619	1.09888	1.09888	0.113832	1.35484	1.35484	0.0070459	0.540703	-1.84945	0.372136	1.17557	1.17557	0.0319973	1.55822	1.55822	4.38032	2.16188	0.438706	1
cg19522940	HPGDS	5.78E-06	1.04E-05	0.116975	-8.5488	6.76E-06	0.102956	-9.71287	1.86E-05	0.137561	-7.26949	0.0024198	0.382479	-2.61452	6.21E-06	0.100331	-9.96704	0.000115034	0.214562	-4.66066	2.12E-06	0.0705909	-14.1661	0.000714598	0.309631	-3.22965	2.36E-05	0.146591	-6.82169	46.7599	38.3438	0.728902	1
cg04886981	HPGDS	0.000341958	1.46E-05	0.215218	-4.64645	0.0675861	0.705413	-1.41761	0.000581236	0.403874	-2.47602	0.477623	1.13094	1.13094	0.000915431	0.429777	-2.32679	0.0103522	0.57673	-1.73391	0.0167737	0.608087	-1.6445	0.22811	0.806067	-1.24059	0.00169223	0.465589	-2.14782	15.8702	7.29982	0.408861	1
cg24139898	HPN;HPN	0.0227616	0.388094	1.89103	1.89103	0.000867387	36.5864	36.5864	0.021738	7.27256	7.27256	0.741149	0.787605	-1.26967	0.613515	0.692939	-1.44313	0.463623	1.71135	1.71135	0.0239913	6.95473	6.95473	0.158187	2.96423	2.96423	0.466276	1.70572	1.70572	4.50098	36.9795	7.30299	1
cg20672044	HPR	1.97E-05	0.0221996	0.825104	-1.21197	0.000285254	0.66001	-1.51513	0.10445	0.882976	-1.13253	0.000705066	0.696243	-1.43628	0.000792537	0.700832	-1.42688	3.47E-06	2.15015	2.15015	0.000312262	1.50672	1.50672	0.0132483	0.806324	-1.2402	0.246103	0.918457	-1.08878	33.9918	2.64725	0.0692257	1
cg09584711	HPR	0.00551743	0.0205712	0.333411	-2.9993	0.00572398	0.240163	-4.16384	0.00600818	0.243277	-4.11055	0.115075	0.509339	-1.96333	0.00915616	0.271648	-3.68124	0.00576836	0.240657	-4.15529	0.00279299	0.197393	-5.06603	0.00323034	0.205578	-4.86434	0.0109028	0.284122	-3.51962	7.12063	17.4841	2.18259	1
cg10584819	HPRT1	0.00555738	0.0216889	0.328986	-3.03965	0.74519	1.14058	1.14058	0.0388066	0.380972	-2.62486	0.608367	1.23179	1.23179	0.906436	1.04857	1.04857	0.600856	0.808218	-1.23729	0.000549066	0.114769	-8.71319	0.00193701	0.170492	-5.86539	0.0148301	0.298474	-3.35038	7.10487	18.3078	2.29049	1
cg13609505	HPS1;HPS1	1.93E-05	0.00138175	0.525487	-1.903	0.000780126	0.49408	-2.02396	3.87E-05	0.334929	-2.98571	0.00173317	0.538017	-1.85868	0.00113522	0.514657	-1.94304	0.00434585	0.589373	-1.69672	0.00613412	1.64235	1.64235	1.12E-05	3.65361	3.65361	0.00148118	0.529324	-1.8892	34.1976	10.4247	0.270967	1
cg16674860	HPS1;HPS1	0.000182069	0.126751	0.564085	-1.77278	0.000136915	9.84321	9.84321	0.00610232	3.45837	3.45837	0.000501732	6.59486	6.59486	0.0630884	0.484483	-2.06406	0.0821263	1.94965	1.94965	0.0138827	2.86826	2.86826	2.46E-05	18.3347	18.3347	0.501221	0.789284	-1.26697	18.8446	35.8613	1.69155	1
cg15342404	HPS1;HPS1	0.000500796	0.19894	1.42498	1.42498	0.955732	1.01459	1.01459	0.221952	0.715398	-1.39782	0.00573476	2.57247	2.57247	0.525048	0.845317	-1.18299	0.0125156	0.44463	-2.24906	0.0109539	0.434731	-2.30027	2.10E-05	9.36464	9.36464	0.863875	1.04579	1.04579	14.2842	15.4	0.958325	1
cg26127799	HPS1;HPS1	0.000997093	0.175969	0.710504	-1.40745	0.000138588	0.209231	-4.7794	0.000430604	0.266316	-3.75494	0.751041	0.92718	-1.07854	0.01952	0.511453	-1.95521	0.10997	0.661106	-1.51262	0.00040914	0.26359	-3.79378	0.00659848	0.432658	-2.31129	0.00805029	0.446478	-2.23975	11.7762	10.5236	0.794338	1
cg17765085	HPS1;HPS1	0.00102454	0.241229	0.77314	-1.29343	0.420618	1.18834	1.18834	0.16963	0.735773	-1.35912	0.266654	1.27472	1.27472	0.905316	0.975352	-1.02527	0.09148	0.677212	-1.47664	0.765903	1.06463	1.06463	1.84E-05	6.2447	6.2447	0.0617932	0.643283	-1.55453	11.6859	8.1411	0.619255	1
cg13180809	HPS1;HPS1	0.030641	0.539158	0.716308	-1.39605	0.00960126	5.80954	5.80954	0.169221	2.19446	2.19446	0.0347786	3.74518	3.74518	0.50177	0.693608	-1.44174	0.845421	0.900552	-1.11043	0.335842	1.70329	1.70329	0.00290201	8.99568	8.99568	0.796297	1.14892	1.14892	4.05623	18.5001	4.05414	1
cg27399957	HPS1;HPS1	0.0330851	0.365927	1.42097	1.42097	0.0912934	0.494904	-2.0206	0.00299933	0.214503	-4.66194	0.102932	1.96363	1.96363	0.642083	0.837748	-1.19368	0.286845	1.51939	1.51939	0.175246	0.579704	-1.72502	0.0561342	0.441234	-2.26637	0.648511	0.84065	-1.18956	3.9464	8.94129	2.01394	1
cg04798574	HPS3	0.0070571	0.189828	1.3866	1.3866	0.073019	0.624603	-1.60102	0.274292	0.765101	-1.30702	0.00353991	0.394351	-2.53581	0.31717	1.27556	1.27556	0.980065	0.994136	-1.0059	0.000547209	0.282547	-3.53924	0.368454	1.24288	1.24288	0.473686	1.18711	1.18711	6.59838	5.78959	0.779934	1
cg13299776	HPS3	0.00719408	0.000147711	0.301561	-3.31607	0.31954	0.827804	-1.20802	0.376425	0.846407	-1.18146	0.16294	0.760624	-1.31471	0.0122026	0.563425	-1.77486	0.458248	0.870436	-1.14885	0.471613	0.874131	-1.14399	0.707271	0.933042	-1.07176	0.15966	1.31792	1.31792	6.5589	3.50603	0.475152	1
cg21334191	HPS3	0.0259001	0.345245	0.789705	-1.2663	0.00245754	0.359477	-2.78182	0.298696	1.29902	1.29902	0.474111	0.837943	-1.1934	0.179829	1.41337	1.41337	0.0258069	1.90192	1.90192	0.157202	1.44398	1.44398	0.323644	1.28092	1.28092	0.585115	1.14327	1.14327	4.30385	4.02066	0.8304	1
cg21431832	HPS4;HPS4	0.0129256	0.00933264	0.337876	-2.95967	0.0065447	0.312713	-3.19782	0.895543	0.957694	-1.04417	0.417354	0.761288	-1.31356	0.00289612	0.259873	-3.84803	0.533045	0.812396	-1.23093	0.0116628	0.354413	-2.82156	0.00904395	0.335591	-2.97982	0.662772	0.865544	-1.15534	5.44034	9.3306	1.52451	1
cg21711214	HPS4;HPS4	0.0219936	0.358034	0.686963	-1.45568	0.000914798	0.13963	-7.16179	0.957781	0.979189	-1.02125	0.234065	1.64141	1.64141	0.0872586	0.472342	-2.11711	0.815963	1.09704	1.09704	0.0554979	0.422253	-2.36825	0.0408014	0.391393	-2.55498	0.817922	1.09593	1.09593	4.5544	11.3831	2.22166	1
cg27087377	HPS4;HPS4	0.0296179	0.0148844	0.524803	-1.90548	0.0123802	0.511599	-1.95466	0.343889	0.810682	-1.23353	0.307707	1.25519	1.25519	0.0480234	0.614771	-1.62662	0.0940199	1.48636	1.48636	0.14422	0.713429	-1.40168	0.0450858	0.609606	-1.6404	0.891433	1.02983	1.02983	4.10546	3.01282	0.652317	1
cg05877528	HPS4;HPS4	0.0399891	0.0789226	0.674986	-1.48151	0.028938	0.595207	-1.68009	0.452355	1.16678	1.16678	0.724222	1.07398	1.07398	0.0162301	0.553053	-1.80814	0.661396	1.09286	1.09286	0.00858682	0.50898	-1.96472	0.0832402	0.679534	-1.4716	0.959291	1.01034	1.01034	3.68351	2.36797	0.571429	1
cg13345299	HPS4;HPS4	0.0464262	0.02412	0.337719	-2.96104	0.00510421	0.224542	-4.45352	0.023997	0.337282	-2.96488	0.603679	0.809457	-1.2354	0.0524088	0.410503	-2.43604	0.60147	0.808393	-1.23702	0.0370908	0.376419	-2.65661	0.690663	0.850901	-1.17522	0.821903	0.913014	-1.09527	3.48449	8.99135	2.29368	1
cg11205006	HPS4;HPS4;HPS4	0.0290904	0.0193912	0.36486	-2.74078	0.179412	0.601325	-1.66299	0.80363	1.09293	1.09293	0.701961	0.871853	-1.14698	0.00572471	0.274706	-3.64026	0.969794	1.0136	1.0136	0.00563699	0.273684	-3.65385	0.0365704	0.420436	-2.37848	0.958923	0.981798	-1.01854	4.13168	8.32394	1.79081	1
cg04626574	HPS4;HPS4;SRRD	0.0136316	0.182644	0.838269	-1.19293	0.443196	1.10244	1.10244	0.0400769	1.34439	1.34439	0.458654	0.910165	-1.0987	0.653496	1.05799	1.05799	0.70518	0.953693	-1.04856	0.00153156	0.566175	-1.76624	0.932168	1.01068	1.01068	0.0096623	1.50453	1.50453	5.34649	1.3176	0.21906	1
cg10927536	HPS4;SRRD	0.000301057	0.00056479	0.804528	-1.24296	0.2434	1.05094	1.05094	0.000181968	1.29391	1.29391	0.0381006	0.906792	-1.10279	0.00230286	1.18931	1.18931	0.0305679	0.901742	-1.10896	0.00132038	1.20946	1.20946	0.0602419	1.09009	1.09009	0.301625	0.957376	-1.04452	16.4343	0.431192	0.023322	1
cg17288952	HPS4;SRRD	0.00888988	0.0298083	0.625598	-1.59847	0.774417	1.05413	1.05413	0.251586	1.24575	1.24575	0.325262	0.829988	-1.20484	0.402798	1.17008	1.17008	0.756417	1.05874	1.05874	0.000288465	0.337838	-2.96	0.149963	1.32729	1.32729	0.46528	1.14605	1.14605	6.13629	3.2707	0.473786	1
cg07924575	HPS4;SRRD	0.0201047	0.0661877	0.450387	-2.22031	0.00145719	0.168704	-5.92753	0.0520838	0.425153	-2.35209	0.647115	0.836605	-1.19531	0.0116151	0.294901	-3.39097	0.131624	0.532605	-1.87756	0.014915	0.313857	-3.18617	0.0361696	0.389463	-2.56764	0.131297	0.532277	-1.87872	4.69623	11.1433	2.10918	1
cg02932390	HPS4;SRRD	0.0294061	0.191812	1.56191	1.56191	0.106205	0.565888	-1.76714	0.474354	1.26465	1.26465	0.872012	0.9493	-1.05341	0.0580696	0.500927	-1.9963	0.00411955	0.288886	-3.46157	?	?	?	0.0670296	1.93962	1.93962	0.867136	0.947399	-1.05552	4.18543	6.1364	1.46613	1
cg10797557	HPS5;HPS5;GTF2H1;GTF2H1;HPS5	0.0146478	0.672245	1.05489	1.05489	0.128462	0.813573	-1.22915	0.186604	1.19219	1.19219	0.29297	0.871983	-1.14681	0.00422172	0.618158	-1.61771	0.64366	1.06024	1.06024	0.00184382	0.573923	-1.74239	0.0915208	0.791904	-1.26278	0.352178	1.12774	1.12774	5.22153	1.30382	0.221956	1
ch.11.444021F	HPS5;HPS5;HPS5	0.0104843	0.00333486	0.283163	-3.53154	0.00873366	2.87226	2.87226	0.0372888	0.466078	-2.14556	0.0209035	0.415705	-2.40555	0.245237	0.681235	-1.46792	0.161384	1.60373	1.60373	0.109194	0.576011	-1.73608	0.768343	0.91094	-1.09777	0.398582	0.761136	-1.31383	5.82172	9.19597	1.40409	1
cg15585147	HPS5;HPS5;HPS5	0.0126289	0.0181793	0.565382	-1.76872	0.00199115	0.419753	-2.38235	0.00571236	0.486437	-2.05577	0.504755	0.874073	-1.14407	0.109845	0.707103	-1.41422	0.0228776	0.581942	-1.71839	0.689003	1.08328	1.08328	0.261095	0.792109	-1.26245	0.00827926	0.511022	-1.95686	5.48169	3.43282	0.556653	1
cg26089997	HPS5;HPS5;HPS5	0.0416965	0.078995	0.744059	-1.34398	0.0383249	0.695017	-1.43881	0.00155572	0.501853	-1.99261	0.318526	0.85533	-1.16914	0.846593	0.971068	-1.02979	0.902825	1.01869	1.01869	0.827984	0.967554	-1.03353	0.564826	0.915565	-1.09222	0.0430325	0.702642	-1.4232	3.62706	1.31981	0.323449	1
cg14132868	HPS5;HPS5;HPS5;HPS5;HPS5;HPS5;GTF2H1;GTF2H1	0.0294265	0.643785	0.926745	-1.07905	0.418976	1.14445	1.14445	0.033184	1.50199	1.50199	0.280861	1.20097	1.20097	0.397402	1.15208	1.15208	0.639878	0.925901	-1.08003	0.00253454	0.504283	-1.98301	0.423002	0.874848	-1.14306	0.077465	1.37803	1.37803	4.11491	1.73959	0.375779	1
cg10191772	HPS6	0.00310772	0.311698	0.841488	-1.18837	0.0798776	0.725805	-1.37778	0.341381	0.850724	-1.17547	0.00172275	0.478307	-2.09071	0.0053413	0.546008	-1.83148	0.000382335	0.392527	-2.54759	0.121616	1.31881	1.31881	0.601653	0.916813	-1.09074	0.142804	1.29658	1.29658	8.4689	3.6472	0.382807	1
cg00857846	HPS6	0.0253252	0.0459489	1.40437	1.40437	0.429931	0.887269	-1.12705	0.358525	0.869218	-1.15046	0.500637	1.10681	1.10681	0.38969	1.1398	1.1398	0.00260192	1.85757	1.85757	0.0483745	0.715449	-1.39772	0.280788	0.846688	-1.18107	0.1539	1.25435	1.25435	4.33768	1.51398	0.310248	1
cg15604425	HPS6	0.0281195	0.170291	1.16645	1.16645	0.0783912	1.2289	1.2289	0.124021	1.19196	1.19196	0.297278	1.12066	1.12066	0.343298	0.902197	-1.10841	0.150619	1.17634	1.17634	0.00715724	0.693428	-1.44211	0.158919	0.853225	-1.17202	0.0470603	1.27073	1.27073	4.18151	0.736034	0.156463	1
cg25337150	HPS6;HPS6	0.0454033	0.213578	0.775169	-1.29004	0.873206	0.969421	-1.03154	0.00432042	2.09973	2.09973	0.653055	1.09198	1.09198	0.568062	1.11874	1.11874	0.325862	1.21806	1.21806	0.0181423	0.572411	-1.747	0.668543	1.08736	1.08736	0.348427	1.20649	1.20649	3.51376	2.10423	0.532313	1
cg22892437	HPSE2;HPSE2;HPSE2;HPSE2	1.69E-05	0.000311223	2.99624	2.99624	6.75E-05	0.254425	-3.93043	0.550409	1.12003	1.12003	0.17334	1.31235	1.31235	0.000365606	0.342601	-2.91885	0.0317565	0.623572	-1.60366	3.08E-06	0.124886	-8.0073	0.00228545	0.449236	-2.226	8.67E-05	0.266769	-3.74856	35.4191	19.7463	0.49556	1
cg00612625	HPSE2;HPSE2;HPSE2;HPSE2	3.04E-05	0.000224425	0.286675	-3.48827	0.000423797	0.321003	-3.11524	0.000104169	0.247514	-4.04017	0.10083	0.693683	-1.44158	0.00047312	0.327115	-3.05703	2.45E-05	0.181071	-5.52269	3.33E-06	0.107095	-9.33746	0.00015556	0.267655	-3.73616	0.000429526	0.321745	-3.10805	30.3506	19.909	0.583083	1
cg08529260	HPSE2;HPSE2;HPSE2;HPSE2	6.68E-05	6.65E-06	12.4017	12.4017	0.00681116	2.41455	2.41455	0.00133391	3.23123	3.23123	0.048763	1.76103	1.76103	0.864339	1.04394	1.04394	0.548766	0.858511	-1.16481	0.74217	0.920343	-1.08655	7.39E-06	11.9719	11.9719	0.0139675	2.14546	2.14546	24.6577	24.6901	0.890059	1
cg24591300	HPSE2;HPSE2;HPSE2;HPSE2	8.64E-05	2.46E-05	6.33765	6.33765	0.0116304	2.00147	2.00147	0.259702	1.29521	1.29521	0.0181345	0.531916	-1.88	0.145267	0.708865	-1.41071	0.0188083	0.534629	-1.87046	0.000734066	3.09189	3.09189	3.69E-05	5.73326	5.73326	0.00693239	2.15697	2.15697	23.0228	17.6488	0.681405	1
cg25437411	HPSE2;HPSE2;HPSE2;HPSE2	0.000110874	4.26E-06	20.9056	20.9056	0.0307441	0.483755	-2.06716	0.0184301	0.44122	-2.26644	0.00819258	0.379777	-2.63313	0.0386067	0.503792	-1.98495	0.0419338	0.511253	-1.95598	0.00402919	0.331031	-3.02087	0.384082	1.29099	1.29099	0.570533	0.848691	-1.17829	21.5371	27.9353	1.15296	1
cg00877329	HPSE2;HPSE2;HPSE2;HPSE2	0.000133534	0.0076233	2.98109	2.98109	0.0453951	0.481575	-2.07652	0.000879936	0.204416	-4.89198	0.000342211	0.159473	-6.27067	0.000468662	0.17366	-5.75837	0.000430174	0.169718	-5.89212	3.93E-05	0.0816701	-12.2444	0.0304075	0.444827	-2.24806	0.00121208	0.221276	-4.51924	20.4884	32.8917	1.42701	1
cg14270857	HPSE2;HPSE2;HPSE2;HPSE2	0.000183523	0.00126443	10.4196	10.4196	0.000679397	13.2852	13.2852	0.0304641	3.54936	3.54936	0.390623	0.645227	-1.54984	?	?	?	0.130525	0.443363	-2.25549	0.00920385	0.192637	-5.19111	2.88E-05	59.7655	59.7655	0.00586703	6.02655	6.02655	19.2771	67.3308	3.49278	1
cg18754857	HPSE2;HPSE2;HPSE2;HPSE2	0.000274217	0.0734216	0.633359	-1.57888	0.191138	0.72856	-1.37257	0.00625228	0.442515	-2.25981	0.0512195	0.601716	-1.66191	0.035169	0.5704	-1.75315	0.411233	0.825098	-1.21198	1.05E-05	0.115897	-8.62832	7.64E-05	0.193898	-5.15735	0.00158318	0.354261	-2.82278	16.8593	13.9786	0.737004	1
cg27247731	HPSE2;HPSE2;HPSE2;HPSE2	0.000538044	0.624803	1.14412	1.14412	0.271061	1.36751	1.36751	0.624647	1.14419	1.14419	0.656684	0.884973	-1.12998	0.328814	0.759347	-1.31692	0.363436	1.29062	1.29062	0.335603	0.762451	-1.31156	5.28E-06	16.783	16.783	0.0585379	1.79276	1.79276	14.0024	16.5462	1.05037	1
cg11400953	HPSE2;HPSE2;HPSE2;HPSE2	0.00212734	0.00138259	5.11355	5.11355	0.962623	0.983644	-1.01663	0.140023	1.74846	1.74846	0.191063	1.62768	1.62768	0.333379	0.703896	-1.42066	0.0426324	0.439836	-2.27358	0.0417666	0.437867	-2.2838	0.000224717	8.67083	8.67083	0.947006	0.97688	-1.02367	9.46982	18.5728	1.74334	1
cg20552296	HPSE2;HPSE2;HPSE2;HPSE2	0.00236267	0.0394249	0.527754	-1.89482	0.0230518	0.482374	-2.07308	0.00619985	0.38392	-2.60471	0.0190399	0.467014	-2.14126	0.745414	0.916318	-1.09132	0.00687569	0.391129	-2.5567	0.00651518	0.387366	-2.58154	0.00127914	3.52465	3.52465	0.875659	1.0429	1.0429	9.18328	10.4651	1.01296	1
cg06408053	HPSE2;HPSE2;HPSE2;HPSE2	0.00294906	0.0859398	0.644098	-1.55256	0.819018	1.05457	1.05457	0.00658044	0.44129	-2.26609	0.0342991	0.564158	-1.77255	0.00198052	0.363156	-2.75364	0.00833458	0.45766	-2.18503	0.00325863	0.39458	-2.53434	0.00600944	0.435094	-2.29836	0.000572712	0.290512	-3.4422	8.60176	7.32098	0.756535	1
cg15996984	HPSE2;HPSE2;HPSE2;HPSE2	0.00302598	0.482424	0.74991	-1.33349	0.102259	0.486313	-2.05629	0.000523037	0.113062	-8.84473	0.00159797	0.161124	-6.20641	0.0124894	0.285676	-3.50046	0.0471808	0.400293	-2.49817	0.00114651	0.145568	-6.86962	0.022794	0.333368	-2.99968	0.00609752	0.236157	-4.23447	8.53627	21.9717	2.28793	1
cg07021678	HPSE2;HPSE2;HPSE2;HPSE2	0.00399228	0.941813	1.01475	1.01475	0.284814	0.800286	-1.24955	0.00380739	0.457236	-2.18705	0.825943	0.956797	-1.04515	0.361812	1.20679	1.20679	0.849668	1.03878	1.03878	0.0708151	1.499	1.499	0.393511	0.839231	-1.19157	0.000149536	0.270857	-3.69199	7.85706	5.00384	0.566097	1
cg17508300	HPSE2;HPSE2;HPSE2;HPSE2	0.00403373	0.321867	0.638547	-1.56606	0.619402	1.24542	1.24542	0.264045	1.66576	1.66576	0.357115	1.51455	1.51455	0.711962	0.849974	-1.17651	0.765159	1.14031	1.14031	0.0539304	0.383256	-2.60922	6.61E-05	24.7175	24.7175	0.924238	1.04257	1.04257	7.83264	23.8321	2.70459	1
cg16401360	HPSE2;HPSE2;HPSE2;HPSE2	0.00403944	0.000576721	14.5798	14.5798	0.621686	1.28432	1.28432	0.00106403	11.4027	11.4027	0.773868	1.15595	1.15595	0.0633579	0.349803	-2.85875	0.719971	0.834351	-1.19854	0.297775	0.581001	-1.72117	0.0194021	4.14522	4.14522	0.517586	1.39101	1.39101	7.8293	31.3817	3.56288	1
cg06944489	HPSE2;HPSE2;HPSE2;HPSE2	0.00516713	0.0374039	0.59898	-1.6695	0.885243	1.03112	1.03112	0.0462757	0.616026	-1.62331	0.151946	0.722028	-1.38499	0.0004455	0.308565	-3.24081	0.771756	1.06366	1.06366	0.072807	1.52909	1.52909	0.560443	1.13305	1.13305	0.00349875	0.431445	-2.31779	7.26523	5.18097	0.633883	1
cg25034395	HPSE2;HPSE2;HPSE2;HPSE2	0.00530728	0.0034829	4.26294	4.26294	0.176119	0.590962	-1.69216	0.353849	0.705492	-1.41745	0.47064	0.764601	-1.30787	0.00391778	0.241732	-4.13681	0.489203	0.773421	-1.29296	0.00195127	0.201494	-4.96292	0.298699	1.4828	1.4828	0.0647077	0.46823	-2.1357	7.20596	15.2641	1.8829	1
cg22823644	HPSE2;HPSE2;HPSE2;HPSE2	0.00552756	0.0299267	2.55658	2.55658	0.169505	1.71224	1.71224	0.955941	1.02051	1.02051	0.0163721	0.340166	-2.93975	0.29666	0.671907	-1.4883	0.158011	0.574256	-1.74138	0.044474	0.42824	-2.33514	0.000594853	7.01529	7.01529	0.774271	0.899722	-1.11145	7.11662	15.221	1.90115	1
cg01271423	HPSE2;HPSE2;HPSE2;HPSE2	0.00827495	0.0122062	2.77799	2.77799	0.00446987	3.45748	3.45748	0.158746	0.610865	-1.63702	0.0264434	2.36571	2.36571	0.121176	1.73299	1.73299	0.121278	1.73268	1.73268	0.403629	0.756065	-1.32264	0.00467115	3.42341	3.42341	0.00856997	2.99581	2.99581	6.27697	10.6428	1.50715	1
cg02209288	HPSE2;HPSE2;HPSE2;HPSE2	0.00870925	0.398371	0.744984	-1.34231	0.677436	0.867255	-1.15306	0.0140592	0.356221	-2.80724	0.122661	0.565804	-1.7674	0.00358324	0.261036	-3.83088	0.000771718	0.176714	-5.65887	0.00458151	0.276624	-3.61501	0.130143	0.57315	-1.74474	0.115085	0.558031	-1.79202	6.17633	11.3392	1.63192	1
cg15610020	HPSE2;HPSE2;HPSE2;HPSE2	0.00887299	0.516075	1.2749	1.2749	0.0100097	3.31779	3.31779	0.010391	3.28809	3.28809	0.0297619	0.389298	-2.56873	0.0190553	0.351074	-2.8484	0.894644	1.05008	1.05008	0.473024	0.763995	-1.30891	0.0087287	3.4295	3.4295	0.869466	0.94114	-1.06254	6.13999	13.2294	1.91523	1
cg18577511	HPSE2;HPSE2;HPSE2;HPSE2	0.00944929	0.02725	2.77507	2.77507	0.00606013	4.05565	4.05565	0.027838	2.76063	2.76063	0.411204	0.720183	-1.38854	0.978688	1.01049	1.01049	0.805256	1.10131	1.10131	0.987608	1.00609	1.00609	0.000520216	8.28099	8.28099	0.79797	1.10539	1.10539	6.01844	14.5449	2.1482	1
cg10580473	HPSE2;HPSE2;HPSE2;HPSE2	0.0129451	0.0967328	0.592311	-1.6883	0.324185	1.33972	1.33972	0.239782	1.42414	1.42414	0.0122128	0.407847	-2.4519	0.170255	1.52125	1.52125	0.00460964	0.338586	-2.95346	0.50343	0.822799	-1.21536	0.0182725	2.2769	2.2769	0.218163	0.689303	-1.45074	5.43766	7.10557	1.16154	1
cg03388193	HPSE2;HPSE2;HPSE2;HPSE2	0.0191795	0.0417678	2.64041	2.64041	0.0445613	2.59684	2.59684	0.513621	0.760279	-1.31531	0.911737	1.04694	1.04694	0.76965	1.12917	1.12917	0.0984575	2.11645	2.11645	0.0180823	0.304862	-3.28017	0.00487111	4.68438	4.68438	0.0708243	2.30515	2.30515	4.77186	12.9365	2.40978	1
cg17863743	HPSE2;HPSE2;HPSE2;HPSE2	0.0192673	0.00445366	74.4375	74.4375	0.326689	3.15917	3.15917	0.0101424	39.806	39.806	0.274099	3.64306	3.64306	0.553641	0.506281	-1.97519	0.801802	1.33073	1.33073	0.0768209	0.106939	-9.35114	0.00949455	41.8059	41.8059	0.563103	1.94279	1.94279	4.76449	97.3816	18.168	1
cg04070995	HPSE2;HPSE2;HPSE2;HPSE2	0.0240248	0.0150981	1.83518	1.83518	0.414873	1.18466	1.18466	0.0403186	1.6187	1.6187	0.00137196	2.57047	2.57047	0.116192	1.415	1.415	0.234193	0.77603	-1.28861	0.822106	1.04685	1.04685	0.417183	1.18363	1.18363	0.947192	0.986622	-1.01356	4.41782	2.89262	0.58201	1
cg08927006	HPSE2;HPSE2;HPSE2;HPSE2	0.0268054	0.0031627	33.4622	33.4622	0.280483	2.65531	2.65531	0.280178	2.65709	2.65709	0.198081	3.26791	3.26791	0.582708	0.616905	-1.621	0.0965864	4.89408	4.89408	0.994472	1.00605	1.00605	0.00223973	41.4939	41.4939	0.380531	2.18808	2.18808	4.25244	51.0365	10.6682	1
cg13737332	HPSE2;HPSE2;HPSE2;HPSE2	0.0293238	0.00233271	9.51789	9.51789	0.32797	1.70794	1.70794	0.0035043	8.16241	8.16241	0.428094	1.53557	1.53557	0.607166	1.31642	1.31642	0.447009	0.663071	-1.50813	0.51578	1.41811	1.41811	0.0881628	2.71151	2.71151	0.452939	1.4998	1.4998	4.12001	18.3382	3.95645	1
cg14251734	HPSE2;HPSE2;HPSE2;HPSE2	0.0363731	0.0355311	2.54934	2.54934	0.0265602	2.73268	2.73268	0.892616	1.053	1.053	0.451414	1.34097	1.34097	0.332958	0.682563	-1.46507	0.939645	0.971459	-1.02938	0.0315837	0.381407	-2.62187	0.0159673	3.09	3.09	0.18548	1.71069	1.71069	3.81351	8.83152	2.05853	1
cg18499443	HPSE2;HPSE2;HPSE2;HPSE2	0.0372206	0.0110672	8.67662	8.67662	0.260959	2.21454	2.21454	0.256987	2.23061	2.23061	0.940863	0.950932	-1.0516	0.396107	1.80276	1.80276	0.153828	2.81631	2.81631	0.0270625	5.89924	5.89924	0.00206872	18.9439	18.9439	0.344458	1.9355	1.9355	3.78166	27.5429	6.47404	1
cg16298041	HPSE2;HPSE2;HPSE2;HPSE2	0.037853	0.628118	0.884146	-1.13103	0.809792	1.06272	1.06272	0.0818909	0.614871	-1.62636	0.0733512	0.604287	-1.65484	0.0354117	0.539069	-1.85505	0.00553986	0.398723	-2.50801	0.0228372	0.503029	-1.98796	0.0156894	0.473741	-2.11086	0.232898	0.729383	-1.37102	3.75846	3.78818	0.895917	1
cg25428494	HPSE;HPSE;HPSE	0.000509174	0.0122533	0.494718	-2.02135	0.547176	0.871616	-1.14729	0.076779	0.641511	-1.55882	0.131528	0.692667	-1.44369	0.0487901	0.601966	-1.66122	0.000861082	0.323493	-3.09126	3.18E-05	0.160884	-6.21568	0.130667	1.44507	1.44507	0.000348092	0.27327	-3.65939	14.2186	11.4563	0.716202	1
cg27076525	HPSE;HPSE;HPSE	0.00241154	0.00473676	0.502297	-1.99086	0.84369	0.964416	-1.0369	0.00830688	0.538348	-1.85754	0.00274536	0.468329	-2.13525	0.000121528	0.291778	-3.42727	0.17585	0.767846	-1.30234	0.454203	1.15019	1.15019	0.90094	0.977403	-1.02312	0.607126	0.909199	-1.09987	9.12823	4.87006	0.474237	1
cg17515545	HPSE;HPSE;HPSE	0.0064024	0.0141156	0.366192	-2.73081	0.0298055	2.3349	2.3349	0.892262	0.956052	-1.04597	0.02481	0.412283	-2.42552	0.0101728	0.341347	-2.92957	0.0163798	0.377924	-2.64603	0.00296007	0.258479	-3.86878	0.16996	0.61584	-1.6238	0.0148696	0.370262	-2.70079	6.80121	11.8475	1.54842	1
cg20587127	HPSE;HPSE;HPSE	0.00646552	0.0190537	0.697144	-1.43442	0.0340074	1.36967	1.36967	0.00288355	1.68361	1.68361	0.3855	0.893066	-1.11974	0.775299	1.03705	1.03705	0.295453	0.87117	-1.14788	0.00329318	0.601102	-1.66361	0.179513	0.834242	-1.19869	0.211268	0.845845	-1.18225	6.78055	1.7353	0.227487	1
cg01240385	HPSE;HPSE;HPSE	0.0161182	0.827887	1.09931	1.09931	0.227272	0.576254	-1.73535	0.00187426	0.146937	-6.80564	0.808779	1.11119	1.11119	0.00789105	0.227193	-4.40154	0.86678	0.929592	-1.07574	0.0117874	0.254682	-3.92646	0.0160134	0.277437	-3.60442	0.229956	0.578263	-1.72932	5.05859	15.1501	2.66216	1
cg09221015	HPSE;HPSE;HPSE	0.0299295	0.853275	1.0669	1.0669	0.145325	0.57868	-1.72807	0.00125612	0.192497	-5.19489	0.302869	1.45256	1.45256	0.925535	1.03324	1.03324	0.785953	1.0999	1.0999	0.0396419	0.435063	-2.29852	0.105866	0.539096	-1.85496	0.60802	1.19837	1.19837	4.09025	7.92667	1.72262	1
cg19763279	HPSE;HPSE;HPSE	0.0331473	0.802872	0.952432	-1.04994	0.520864	1.13519	1.13519	0.122117	1.38607	1.38607	0.0430617	0.635356	-1.57392	0.00758753	0.512175	-1.95246	0.228752	0.78183	-1.27905	0.022211	1.70594	1.70594	0.635217	1.09759	1.09759	0.619409	1.10248	1.10248	3.94374	2.37132	0.534477	1
cg03321813	HPSE;HPSE;HPSE	0.0467579	0.101811	0.541315	-1.84735	0.222426	1.55177	1.55177	0.0444813	0.453478	-2.20518	0.341152	0.714525	-1.39953	0.0350434	0.431016	-2.3201	0.454182	0.770077	-1.29857	0.00401205	0.265842	-3.76163	0.366255	0.727534	-1.37451	0.105609	0.545629	-1.83275	3.47517	6.46339	1.65323	1
cg22011966	HPSE;HPSE;HPSE;HPSE;HPSE	0.00401416	0.539344	1.0678	1.0678	0.0190009	1.34953	1.34953	0.35948	0.905333	-1.10457	0.263866	1.13081	1.13081	0.261118	1.13169	1.13169	0.531781	1.06914	1.06914	0.000270922	0.532456	-1.87809	0.623086	1.05368	1.05368	0.00725882	1.44135	1.44135	7.84413	1.38423	0.156859	1
cg21336434	HPVC1	0.0303427	0.511506	0.750117	-1.33313	0.24597	0.592175	-1.68869	0.00934716	0.240894	-4.15121	0.00974494	0.243749	-4.10258	0.0163697	0.28164	-3.55064	0.0143294	0.271483	-3.68348	0.0297943	0.331482	-3.01675	0.838865	0.915834	-1.0919	0.108875	0.469987	-2.12772	4.07037	12.0204	2.62502	1
cg09460345	HPVC1	0.0429729	0.265212	0.53098	-1.88331	0.103601	0.378918	-2.63909	0.0517657	0.299157	-3.34272	0.103894	0.379287	-2.63652	0.0165017	0.202496	-4.93837	0.0527732	0.301116	-3.32098	0.00281398	0.106063	-9.42835	0.108447	0.384944	-2.59778	0.158304	0.439441	-2.27562	3.58669	16.8843	4.18443	1
cg11547724	HPX	0.0257152	0.0252191	0.367447	-2.72148	0.537427	0.790642	-1.2648	0.00330734	0.221988	-4.50474	0.0891406	0.493994	-2.02432	0.0255351	0.368528	-2.7135	0.0571948	0.445132	-2.24652	0.0791948	0.48041	-2.08156	0.0065254	0.264576	-3.77964	0.157594	0.566396	-1.76555	4.31463	9.67025	1.99224	1
cg15063726	HPX	0.0376865	0.326203	0.844927	-1.18353	0.247918	1.22238	1.22238	0.664379	0.930003	-1.07527	0.115601	0.75251	-1.32889	0.0217446	0.632609	-1.58076	0.118127	0.754233	-1.32585	0.00789409	1.76203	1.76203	0.359703	1.16946	1.16946	0.486194	0.889032	-1.12482	3.76452	1.64755	0.389024	1
cg08350126	HPX	0.049662	0.0327372	0.308352	-3.24305	0.897951	0.941365	-1.06229	0.0256994	0.287153	-3.48247	0.515611	0.733125	-1.36402	0.00631555	0.187344	-5.33777	0.434677	0.687036	-1.45553	0.712705	0.840155	-1.19026	0.0161187	0.249942	-4.00092	0.101519	0.429867	-2.3263	3.39688	11.9308	3.12203	1
cg09763347	HPYR1	0.000243072	0.213169	0.727995	-1.37364	0.0173278	2.01742	2.01742	0.289559	0.766289	-1.30499	0.000238411	0.229136	-4.36422	0.00796959	0.438827	-2.2788	0.000604042	0.277854	-3.59901	0.938453	0.981474	-1.01888	0.00186932	0.343563	-2.91067	3.24E-05	0.141347	-7.07481	17.4229	16.1806	0.825509	1
cg07696099	HPYR1	0.00330862	0.00258077	0.163805	-6.10483	0.0276882	0.32393	-3.08709	0.00453233	0.194406	-5.14388	0.363081	0.667105	-1.49901	0.00362215	0.181754	-5.50194	0.124358	0.486464	-2.05565	0.000722104	0.107781	-9.27808	0.00307351	0.172884	-5.78424	0.00758403	0.225994	-4.42489	8.31232	24.6902	2.64028	1
cg24627900	HPYR1	0.00398042	0.569175	1.36171	1.36171	0.0112615	0.182013	-5.49412	0.0561163	0.313198	-3.19287	0.611938	0.759928	-1.31591	0.00185435	0.0934098	-10.7055	0.0210727	0.225647	-4.43169	0.000812069	0.0665388	-15.0288	0.00255285	0.105837	-9.44851	0.0231026	0.232771	-4.29607	7.86412	35.8655	4.05391	1
cg05740582	HPYR1	0.00861541	0.346045	0.815971	-1.22553	0.0148873	0.533821	-1.87329	0.0231904	0.566199	-1.76616	0.264037	0.783491	-1.27634	0.0054117	0.464304	-2.15376	0.0356103	0.598927	-1.66965	0.0013322	0.376141	-2.65858	0.0308186	0.58773	-1.70146	0.00323318	0.430898	-2.32073	6.19754	4.31127	0.618349	1
cg25520146	HPYR1	0.0241925	0.468959	0.707858	-1.41271	0.62848	1.2569	1.2569	0.831202	0.904745	-1.10528	0.744593	0.857877	-1.16567	0.132435	0.46702	-2.14124	0.0180612	0.26008	-3.84498	0.00501112	0.175304	-5.70438	0.295715	0.601405	-1.66277	0.00228489	0.135315	-7.39018	4.40719	15.3496	3.09586	1
cg26344606	HR;HR	0.00202402	0.782547	0.958614	-1.04317	0.00147883	2.01513	2.01513	0.633039	1.07625	1.07625	0.322667	0.855502	-1.1689	0.204938	0.815195	-1.2267	0.00344831	1.83447	1.83447	0.000286502	2.47096	2.47096	0.00687252	1.70688	1.70688	0.114814	1.29949	1.29949	9.60841	3.55153	0.328557	1
cg15137760	HR;HR	0.0130824	0.189898	0.765002	-1.30719	0.328847	1.21463	1.21463	0.419125	1.17266	1.17266	0.890483	0.97377	-1.02694	0.403453	1.17934	1.17934	0.534721	0.885765	-1.12897	0.000242033	0.309945	-3.22638	0.134262	0.732307	-1.36555	0.736104	0.936822	-1.06744	5.41896	3.19475	0.524046	1
cg24638235	HR;HR	0.0254461	0.580524	0.950472	-1.05211	0.192024	0.881898	-1.13392	0.407321	1.08019	1.08019	0.0082536	1.35993	1.35993	0.570974	0.949224	-1.05349	0.784466	1.02526	1.02526	0.00671919	0.726241	-1.37695	0.0400683	1.241	1.241	0.571283	1.05345	1.05345	4.33049	0.568012	0.116592	1
cg14340131	HRAS;HRAS;HRAS	0.000524307	0.122299	0.718626	-1.39154	0.00130061	2.51972	2.51972	0.014824	1.80667	1.80667	0.724126	1.07242	1.07242	0.000116945	0.264081	-3.78672	0.00169764	0.412877	-2.42203	0.0454705	1.57244	1.57244	0.532947	1.1327	1.1327	0.116912	0.714566	-1.39945	14.1034	8.69586	0.548069	1
cg01436586	HRAS;HRAS;HRAS	0.0138717	0.140423	0.809305	-1.23563	0.456993	1.10634	1.10634	0.818352	1.03117	1.03117	0.874487	1.02131	1.02131	0.879982	1.02036	1.02036	0.103684	1.26795	1.26795	0.000731595	1.98348	1.98348	0.0277928	0.706847	-1.41473	0.253178	0.852813	-1.17259	5.31594	1.4985	0.250567	1
cg08141873	HRAS;HRAS;HRAS	0.048548	?	?	?	0.359609	1.50073	1.50073	0.836276	1.09328	1.09328	0.7418	0.867191	-1.15315	0.0575643	0.396302	-2.52333	0.227276	0.579088	-1.72685	0.00587296	0.211425	-4.7298	0.0173917	0.287048	-3.48373	0.433895	0.708823	-1.41079	3.47721	9.09299	2.61502	1
cg05798318	HRAS;HRAS;LRRC56;HRAS	0.0144626	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02516742	HRAS;HRAS;LRRC56;HRAS	0.0251712	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10358939	HRASLS	0.00896802	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00763889	HRASLS2	0.0113305	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03510310	HRASLS2	0.0247647	0.666045	0.951102	-1.05141	0.00996979	0.686788	-1.45605	0.0690914	0.790689	-1.26472	0.146676	0.835385	-1.19705	0.475147	0.919568	-1.08747
cg00156194	HRASLS2	0.0336937	0.0755754	0.701913	-1.42468	0.927425	1.01644	1.01644	0.276589	0.816688	-1.22446	0.627742	0.916277	-1.09137	0.631885	0.917256	-1.09021
cg26986573	HRASLS5;HRASLS5;HRASLS5	4.52E-05	0.980318	0.99554	-1.00448	4.14E-05	0.242858	-4.11764	0.0766189	0.699863	-1.42885	0.000218692	0.327374	-3.05461	6.11E-05	0.261658	-3.82178
cg04999435	HRASLS5;HRASLS5;HRASLS5	0.0187005	0.00999713	0.133224	-7.50614	0.00833137	0.123702	-8.08397	0.0588643	0.266494	-3.75243	0.0933531	0.318573	-3.139	0.0128008	0.147145	-6.79602
cg01967055	HRASLS5;HRASLS5;HRASLS5	0.0426441	0.921686	1.01117	1.01117	0.514028	1.07759	1.07759	0.397579	0.906826	-1.10275	0.89155	1.01552	1.01552	0.347973	1.11528	1.11528
cg16948320	HRASLS;MGC2889	0.0096265	0.688371	0.805762	-1.24106	0.000664387	16.305	16.305	0.0244401	4.20466	4.20466	0.236075	1.94467	1.94467	0.356759	1.66151	1.66151
cg19851487	HRC	0.000989172	0.000731909	5.70559	5.70559	0.763592	0.902727	-1.10775	0.119905	1.77252	1.77252	0.184798	1.6115	1.6115	0.000267361	7.61122	7.61122
cg08826281	HRC	0.0133234	0.51137	1.14429	1.14429	0.595353	1.11456	1.11456	0.128224	1.39477	1.39477	0.0468397	1.58481	1.58481	0.855314	0.963739	-1.03763
cg15439442	HRC	0.0165175	0.00905069	0.613796	-1.62921	0.810706	0.965313	-1.03593	0.550207	0.914904	-1.09301	0.173225	0.807981	-1.23765	0.0479967	0.717075	-1.39455
cg24078905	HRC	0.0167292	0.28656	1.4646	1.4646	0.0040724	3.77904	3.77904	0.00455948	3.67882	3.67882	0.253136	1.50913	1.50913	0.0464343	0.455438	-2.19569
cg10695490	HRC	0.0260853	0.0197326	0.383838	-2.60527	0.0942076	0.534901	-1.86951	0.00432712	0.273383	-3.65788	0.012719	0.348946	-2.86577	0.208524	0.637085	-1.56965
cg20249839	HRC;HRC	0.0292276	0.105723	1.56927	1.56927	0.0138377	0.460403	-2.17201	0.951975	0.984759	-1.01548	0.917691	1.02671	1.02671	0.00885398	0.427581	-2.33874
cg12955076	HRG	0.00063995	0.432618	0.817355	-1.22346	0.000964368	0.290051	-3.44767	0.00149359	0.315619	-3.16837	0.000902565	0.28628	-3.49309	0.000641264	0.267234	-3.74204
cg02097420	HRG	0.0044862	0.0988444	0.668077	-1.49683	0.985379	0.995924	-1.00409	0.0182192	0.527884	-1.89436	0.00431794	0.427258	-2.34051	0.00213649	0.382302	-2.61573
cg00100948	HRG	0.0070541	0.0274739	0.496549	-2.0139	0.0165068	2.19536	2.19536	0.144137	0.656242	-1.52383	0.911166	1.03041	1.03041	0.000572547	0.238937	-4.1852
cg07749074	HRG	0.00782806	0.353249	0.711047	-1.40638	0.636545	1.18523	1.18523	0.132334	0.559986	-1.78576	0.00607933	0.278346	-3.59266	0.0620616	0.47235	-2.11708
cg13593758	HRH1	0.000796608	0.0315506	0.628921	-1.59003	0.268185	0.808858	-1.23631	0.00881465	0.541517	-1.84666	0.261728	0.806331	-1.24019	7.92E-05	0.269261	-3.71388
cg25677394	HRH1	0.0226904	0.0105843	0.248178	-4.02937	0.338269	0.651895	-1.53399	0.0932711	0.449215	-2.22611	0.107066	0.46649	-2.14367	0.0231623	0.30828	-3.24381
cg12179658	HRH1	0.0266769	0.0102434	0.231002	-4.32897	0.625803	0.800512	-1.2492	0.058106	0.379202	-2.63712	0.0392969	0.339707	-2.94371	0.0198977	0.280127	-3.56981
cg16929739	HRH1	0.0283072	0.0135772	0.227786	-4.39009	0.350732	0.62799	-1.59238	0.102625	0.421012	-2.37523	0.0385673	0.313257	-3.19226	0.0639823	0.3648	-2.74123
cg06457736	HRH1	0.0414469	0.0487715	0.195257	-5.12147	0.0467553	0.191577	-5.21984	0.0299629	0.156704	-6.38147	0.199474	0.373846	-2.6749	0.0174745	0.122495	-8.16358
cg13256912	HRH1;HRH1	0.00119173	0.00152007	0.302632	-3.30435	0.00021903	0.199321	-5.01703	0.522233	0.84385	-1.18504	0.493581	0.8336	-1.19962	0.000828655	0.267729	-3.73513
cg24397241	HRH1;HRH1	0.00296937	0.00539903	0.496038	-2.01597	0.00870291	0.527283	-1.89651	0.0140772	0.559776	-1.78643	0.140116	0.737955	-1.3551	0.00500061	0.491107	-2.03622
cg16291962	HRH1;HRH1	0.0042482	0.524601	1.12893	1.12893	0.48879	0.876107	-1.14141	0.737071	0.93859	-1.06543	0.00634196	0.512536	-1.95108	0.857046	1.0345	1.0345
cg21566860	HRH1;HRH1	0.0204432	0.245575	0.740856	-1.34979	0.328594	1.28279	1.28279	0.0570109	0.587501	-1.70213	0.286186	0.760675	-1.31462	0.000734209	0.281641	-3.55062
cg12974545	HRH1;HRH1	0.0287054	0.333783	0.673715	-1.48431	0.0196809	0.327513	-3.05331	0.0989921	0.488424	-2.0474	0.326057	0.669171	-1.49439	0.0036335	0.210351	-4.75396
cg17571559	HRH1;HRH1;HRH1	1.59E-06	0.000191551	0.63027	-1.58662	0.44409	0.944292	-1.05899	2.97E-08	0.227113	-4.4031	2.82E-05	0.545991	-1.83153	0.0339827	0.833742	-1.19941
cg17660833	HRH1;HRH1;HRH1	0.00492835	0.00206221	0.216548	-4.61791	0.821159	0.923284	-1.08309	0.0348839	0.4203	-2.37925	0.0204347	0.373482	-2.67751	0.00136382	0.194279	-5.14722
cg09666573	HRH1;HRH1;HRH1	0.00622639	0.00819869	0.49331	-2.02712	0.163405	0.732911	-1.36442	0.00841428	0.495079	-2.01988	0.000935519	0.356435	-2.80556	0.0323626	0.592508	-1.68774
cg05551003	HRH1;HRH1;HRH1	0.0362561	0.0096432	0.221544	-4.51377	0.101699	0.438542	-2.28028	0.50669	0.733489	-1.36335	0.0832408	0.413855	-2.4163	0.00432153	0.172907	-5.78346
cg08039854	HRH1;HRH1;HRH1	0.0471166	0.179539	0.318078	-3.14388	0.00542814	0.0528796	-18.9109	0.0173967	0.0976179	-10.244	0.290271	0.414008	-2.41541	0.01196	0.0804886	-12.4241
cg02150536	HRH1;HRH1;HRH1;HRH1	8.64E-06	0.178396	0.880701	-1.13546	0.441696	1.07219	1.07219	0.0180111	0.774667	-1.29088	0.878607	0.986512	-1.01367	1.07E-07	0.218133	-4.58436
cg24357890	HRH1;HRH1;HRH1;HRH1	0.000316475	0.000528468	0.297916	-3.35665	0.0002544	0.258767	-3.86448	0.000478329	0.292423	-3.4197	0.000779448	0.319791	-3.12704	0.000400154	0.282711	-3.53718
cg27530352	HRH1;HRH1;HRH1;HRH1	0.0032342	0.688324	0.840109	-1.19032	0.0746848	0.424071	-2.35809	0.0143034	0.271136	-3.68818	0.736403	0.864179	-1.15717	0.319177	0.64095	-1.56018
cg07043494	HRH1;HRH1;HRH1;HRH1	0.0127276	0.415412	0.851404	-1.17453	0.000848609	0.379392	-2.6358	0.0590516	0.662354	-1.50977	0.393198	0.844486	-1.18415	0.943399	0.986372	-1.01382
cg17578539	HRH2	0.000192792	0.411624	0.847297	-1.18022	0.463309	0.862993	-1.15876	0.00216121	0.427475	-2.33932	0.00436741	0.471654	-2.1202	0.000101028	0.256626	-3.89672
cg11131902	HRH2	0.00213839	0.0154554	0.672202	-1.48765	0.000206661	0.415957	-2.4041	0.00552184	0.610609	-1.63771	0.00180543	0.544165	-1.83768	0.00559865	0.611432	-1.63551
cg09575258	HRH2	0.00300718	0.137254	0.772389	-1.29468	0.0138856	1.63307	1.63307	0.00913398	0.586071	-1.70628	0.0287283	0.659505	-1.51629	0.0109926	0.59762	-1.6733
cg05011238	HRH2	0.00358076	0.00621301	0.293731	-3.40448	0.151075	1.69616	1.69616	0.127314	0.567652	-1.76164	0.0487931	0.461742	-2.16571	0.000415687	0.146166	-6.84155
cg07524827	HRH2	0.00381265	0.293222	0.912505	-1.09588	0.00235809	0.700296	-1.42797	0.144541	0.876684	-1.14066	0.0162427	0.78127	-1.27997	0.463626	1.06465	1.06465
cg05157516	HRH2	0.00381473	0.39139	0.928625	-1.07686	0.280907	0.909821	-1.09912	0.000495817	1.5836	1.5836	0.150198	0.878043	-1.1389	0.286458	1.09784	1.09784
cg05919907	HRH2	0.00415677	0.12911	0.559132	-1.78849	0.00594235	0.279339	-3.57988	0.00127587	0.189073	-5.28896	0.11359	0.543166	-1.84106	0.00111005	0.182047	-5.4931
cg17405853	HRH2	0.00528534	0.782818	0.95178	-1.05066	0.0588582	0.682744	-1.46468	0.125777	0.743558	-1.34488	0.440783	1.15097	1.15097	0.000426676	0.36876	-2.71179
cg17483297	HRH2	0.0112687	0.0243736	0.439801	-2.27376	0.00567463	0.329222	-3.03746	0.573038	0.83999	-1.19049	0.724775	0.897416	-1.11431	0.000516276	0.190348	-5.25352
cg06969845	HRH2	0.0320748	0.100058	0.538378	-1.85743	0.00134753	0.201861	-4.95391	0.765253	0.902222	-1.10838	0.88587	0.951848	-1.05059	0.0597192	0.481862	-2.07528
cg06477056	HRH2;HRH2	0.000618028	0.400568	1.16079	1.16079	0.218519	1.25141	1.25141	0.0247559	1.58914	1.58914	0.32757	1.1914	1.1914	0.160233	0.771069	-1.2969
cg17200850	HRH2;HRH2	0.00109613	0.00336357	0.355976	-2.80918	0.249748	0.732387	-1.3654	0.442416	0.81645	-1.22481	0.433551	0.813091	-1.22988	0.000716081	0.263522	-3.79475
cg06857674	HRH2;HRH2	0.00147086	0.420312	1.22056	1.22056	0.610401	1.13246	1.13246	0.258889	0.751899	-1.32997	0.4173	0.818187	-1.22221	0.321085	0.780229	-1.28168
cg02765962	HRH2;HRH2	0.00693012	0.00512955	0.387115	-2.58321	0.00392574	0.368078	-2.71681	0.00564108	0.393996	-2.53809	0.15145	0.683115	-1.46388	0.00699871	0.409834	-2.44001
cg20277670	HRH2;HRH2	0.0177373	0.145491	1.25731	1.25731	0.695293	0.943964	-1.05936	0.256794	1.18933	1.18933	0.581333	0.921647	-1.08501	0.34827	1.15196	1.15196
cg01281175	HRH2;HRH2;HRH2	0.00669529	0.146836	0.602019	-1.66108	0.0172477	0.388471	-2.5742	0.376196	0.743805	-1.34444	0.112268	0.569194	-1.75687	0.00704939	0.321385	-3.11154
cg22578632	HRH2;HRH2;HRH2	0.0268152	0.0735861	0.369748	-2.70454	0.312542	0.593892	-1.68381	0.359302	0.624922	-1.6002	0.251513	0.550163	-1.81764	0.0141522	0.220896	-4.52702
cg24121172	HRH3	0.000132967	0.00420672	1.84198	1.84198	0.00178139	2.03143	2.03143	0.397884	1.1479	1.1479	7.80E-06	4.7681	4.7681	0.000688481	2.28374	2.28374
cg18859248	HRH3	0.00247846	0.113693	0.686122	-1.45747	0.00595582	0.455182	-2.19692	0.237846	0.762896	-1.3108	0.526852	1.15067	1.15067	0.00022223	0.260371	-3.84068
cg00170438	HRH3	0.00825852	0.248515	0.726529	-1.37641	0.0591219	0.568713	-1.75836	0.00856337	0.411369	-2.43091	0.221137	0.711319	-1.40584	0.649239	0.885793	-1.12893
cg01567503	HRH3	0.0142388	0.00431035	0.555596	-1.79987	0.336462	1.16488	1.16488	0.447331	1.12667	1.12667	0.0944692	1.3272	1.3272	0.258031	0.833809	-1.19931
cg27447053	HRH3	0.0150034	0.111907	1.17176	1.17176	0.620324	1.04678	1.04678	0.0228028	1.28335	1.28335	0.848007	1.01772	1.01772	0.945686	1.00626	1.00626
cg08186362	HRH3	0.0195746	0.096663	0.417978	-2.39247	0.793859	0.885929	-1.12876	0.00703787	0.169011	-5.91677	0.675878	1.21497	1.21497	0.054182	0.346932	-2.88241
cg15662768	HRH3	0.0244047	0.0216671	1.82327	1.82327	0.554383	1.13916	1.13916	0.295437	0.789475	-1.26667	0.0272315	1.76714	1.76714	0.759252	0.935222	-1.06926
cg04291946	HRH3	0.0303666	0.10315	0.45869	-2.18012	0.0339021	0.338684	-2.95261	0.0890919	0.440552	-2.26988	0.432235	0.704403	-1.41964	0.00596886	0.207751	-4.81345
cg27143370	HRH3	0.0419976	0.0306626	0.639895	-1.56276	0.14221	0.757742	-1.31971	0.0339988	0.64718	-1.54517	0.950135	0.989064	-1.01106	0.519091	0.891435	-1.12179
cg16126186	HRH4;HRH4;HRH4	0.000955798	0.000915106	0.189042	-5.28983	0.00189561	0.227732	-4.39114	0.00140636	0.211304	-4.73253	0.00457211	0.281051	-3.55807	0.000228625	0.127711	-7.83017
cg00665971	HRK	2.87E-06	0.101198	0.829866	-1.20501	0.123728	0.840946	-1.18914	0.427829	0.919326	-1.08775	0.0116419	0.72062	-1.38769	0.237487	0.87934	-1.13722
cg09184853	HRK	0.00913292	0.776882	1.1138	1.1138	0.137143	1.83563	1.83563	0.120984	1.89244	1.89244	0.420421	0.731797	-1.3665	0.97865	0.9899	-1.0102
cg14276619	HRK	0.0212342	0.0297536	0.702223	-1.42405	0.0142818	1.51829	1.51829	0.0332342	1.41053	1.41053	0.767189	1.04188	1.04188	0.573743	0.924452	-1.08172
cg24810439	HRK	0.0239164	0.0109241	0.288473	-3.46653	0.876072	0.943127	-1.0603	0.818756	1.08995	1.08995	0.00266639	0.193276	-5.17395	0.0149796	0.313517	-3.18962
cg11220161	HRK	0.0292651	0.150894	1.82878	1.82878	0.00374881	4.63923	4.63923	0.0284307	2.75718	2.75718	0.09165	2.07156	2.07156	0.259884	0.630736	-1.58545
cg24301192	HRK	0.0378869	0.236476	0.54481	-1.8355	0.750095	0.855171	-1.16936	0.45405	0.688399	-1.45265	0.990328	0.994083	-1.00595	0.00175763	0.112768	-8.86779
cg15991471	HRK;HRK	0.00027546	0.867071	0.986825	-1.01335	0.184261	0.894488	-1.11796	0.726972	1.02814	1.02814	0.000796739	0.669643	-1.49333	0.00032432	0.631154	-1.5844
cg21826815	HRK;HRK	0.0442094	0.0214796	0.177141	-5.64521	0.440033	1.61709	1.61709	0.645139	1.32641	1.32641	0.00770024	0.11418	-8.75809	?	?	?
cg04105876	HRNBP3	5.80E-06	0.00451802	0.621388	-1.6093	0.100764	1.2536	1.2536	7.58E-07	0.187361	-5.33729	0.286444	1.14934	1.14934	0.00764508	0.649767	-1.53901
cg01455398	HRNBP3	2.42E-05	0.098401	0.691781	-1.44554	0.856283	1.03754	1.03754	0.000341903	0.309602	-3.22996	0.111144	1.42308	1.42308	6.84E-05	0.227525	-4.39513
cg02575092	HRNBP3	2.67E-05	0.0135594	1.47509	1.47509	0.856612	0.977249	-1.02328	0.000828964	0.527026	-1.89744	0.366117	1.12541	1.12541	0.00565907	0.630054	-1.58717
cg07459248	HRNBP3	3.36E-05	0.00079709	0.296087	-3.37738	0.000238181	0.231683	-4.31624	0.000118766	0.198287	-5.0432	0.368073	0.800781	-1.24878	0.000221263	0.228017	-4.38563
cg04159004	HRNBP3	8.56E-05	0.676778	1.07964	1.07964	0.66275	1.08351	1.08351	0.334148	1.1997	1.1997	0.184456	1.29344	1.29344	0.903316	0.978033	-1.02246
cg25738340	HRNBP3	8.78E-05	0.0850983	0.562163	-1.77884	0.595453	0.850341	-1.176	0.00151865	0.251191	-3.98103	0.0694844	0.541029	-1.84833	3.85E-06	0.0384656	-25.9973
cg16929955	HRNBP3	0.000107628	0.0135938	0.473426	-2.11226	0.432932	0.822027	-1.21651	0.000373252	0.24811	-4.03047	0.601633	0.878977	-1.13769	2.00E-05	0.120788	-8.27894
cg20296188	HRNBP3	0.000128045	0.0199194	1.25716	1.25716	0.000192964	1.66729	1.66729	0.428077	1.06811	1.06811	0.456715	0.940134	-1.06368	0.0457143	1.2051	1.2051
cg09890286	HRNBP3	0.000139061	0.00183551	0.404957	-2.4694	0.139625	1.38362	1.38362	0.630471	0.905734	-1.10408	0.0028606	2.31234	2.31234	0.00209883	0.413183	-2.42023
cg06292198	HRNBP3	0.00018387	0.0154119	2.26497	2.26497	0.0664782	1.76115	1.76115	0.127782	1.57273	1.57273	0.913942	0.970709	-1.03017	0.11562	0.624773	-1.60058
cg21995652	HRNBP3	0.000433786	0.00745348	0.471353	-2.12155	0.0129162	0.509836	-1.96141	0.00485354	0.44252	-2.25978	0.583529	0.886163	-1.12846	3.82E-05	0.17834	-5.60725
cg23296697	HRNBP3	0.000677454	0.00336393	0.440002	-2.27272	0.000537567	0.33017	-3.02874	0.000631054	0.339231	-2.94784	0.0939551	0.684535	-1.46085	0.000751404	0.349214	-2.86357
cg04284319	HRNBP3	0.000885749	0.724057	0.909752	-1.0992	0.686545	0.897403	-1.11433	0.00291677	0.335772	-2.97821	0.623067	1.14132	1.14132	2.93E-05	0.112335	-8.90193
cg09837116	HRNBP3	0.00088864	0.0571633	0.571413	-1.75005	0.368674	1.26678	1.26678	0.00990396	0.421848	-2.37052	0.930863	1.02238	1.02238	0.0212715	0.483261	-2.06928
cg10759591	HRNBP3	0.00113926	0.0538566	0.579249	-1.72637	0.00234583	2.88405	2.88405	0.724341	1.09234	1.09234	0.0640902	1.68043	1.68043	0.0411185	0.555534	-1.80007
cg05915794	HRNBP3	0.00150362	0.186148	1.48369	1.48369	8.21E-05	0.135664	-7.37116	0.0144245	0.427965	-2.33664	0.5074	1.2084	1.2084	0.156069	0.652382	-1.53284
cg20292318	HRNBP3	0.00155413	0.933986	1.03012	1.03012	0.156499	1.72104	1.72104	0.261061	0.657135	-1.52176	0.766643	1.1125	1.1125	0.236198	0.641064	-1.55991
cg18945299	HRNBP3	0.00189621	0.453082	1.40754	1.40754	0.757198	1.14877	1.14877	0.701706	1.18782	1.18782	0.931989	0.962544	-1.03891	2.19E-05	0.0220656	-45.3194
cg03174407	HRNBP3	0.00190203	0.0229942	0.36351	-2.75096	0.304691	1.48519	1.48519	0.00830308	0.284895	-3.51006	0.923803	0.965027	-1.03624	0.00226221	0.203951	-4.90314
cg25029998	HRNBP3	0.00200031	0.0388598	0.468522	-2.13437	0.00578177	0.317811	-3.14652	0.00675444	0.328519	-3.04396	0.0748788	0.533178	-1.87555	0.00257385	0.265833	-3.76177
cg02150820	HRNBP3	0.00212589	0.766326	0.909406	-1.09962	0.464755	0.788933	-1.26754	0.0257307	0.42998	-2.32569	0.197579	1.54339	1.54339	0.000367838	0.16242	-6.15686
cg16301599	HRNBP3	0.00221924	0.008374	0.146763	-6.81371	0.217762	0.477785	-2.09299	0.00908241	0.151301	-6.60935	0.957218	0.969903	-1.03103	0.000259701	0.0326267	-30.6497
cg25408698	HRNBP3	0.00243114	0.201753	1.26702	1.26702	0.17548	0.776513	-1.28781	0.00345249	0.497993	-2.00806	0.0384723	0.656395	-1.52347	0.184155	0.780872	-1.28062
cg13058786	HRNBP3	0.00310085	0.742705	1.06438	1.06438	0.0149112	0.567194	-1.76307	0.00601159	0.506685	-1.97361	0.071602	1.46378	1.46378	0.0643861	0.674657	-1.48224
cg19673176	HRNBP3	0.00317394	0.349804	0.692095	-1.44489	0.888277	0.947667	-1.05522	0.132364	0.537404	-1.8608	0.972015	1.01351	1.01351	0.334704	0.683556	-1.46294
cg24075412	HRNBP3	0.00317976	0.661866	1.17371	1.17371	0.871703	1.06059	1.06059	0.550175	0.802499	-1.24611	0.634349	0.839973	-1.19051	0.020215	0.36085	-2.77124
cg16264458	HRNBP3	0.00375471	0.00786837	0.109557	-9.1277	0.0656999	0.262	-3.81679	0.159029	0.376758	-2.65422	0.48157	1.59028	1.59028	0.00101891	0.0424548	-23.5545
cg00314827	HRNBP3	0.00395859	0.935166	1.04073	1.04073	0.226779	0.536452	-1.8641	0.0828843	0.389693	-2.56612	0.656946	0.80303	-1.24528	0.000553749	0.0720493	-13.8794
cg19481531	HRNBP3	0.00439507	0.382239	0.807763	-1.23799	0.285139	0.767599	-1.30276	0.000277185	0.242284	-4.12739	0.296682	1.29404	1.29404	0.680398	1.10371	1.10371
cg00802224	HRNBP3	0.00446957	0.0314068	0.447501	-2.23463	0.555696	0.827081	-1.20907	0.0386282	0.466251	-2.14477	0.79464	1.08664	1.08664	0.00203082	0.250062	-3.999
cg27623948	HRNBP3	0.00463312	0.0171439	0.243341	-4.10946	0.704033	1.20404	1.20404	0.0926199	0.406434	-2.46042	0.977375	0.986298	-1.01389	0.0112391	0.213273	-4.68883
cg00380428	HRNBP3	0.0051171	0.819772	0.902146	-1.10847	0.156325	1.98232	1.98232	0.0484121	0.361459	-2.76657	0.971217	0.983851	-1.01641	0.0108994	0.236405	-4.23003
cg17167303	HRNBP3	0.00520649	0.0319161	0.427243	-2.34059	0.135828	1.72233	1.72233	0.176248	0.614879	-1.62634	0.849657	0.937829	-1.06629	0.00809158	0.317559	-3.14902
cg08223357	HRNBP3	0.00536445	0.427796	0.792579	-1.2617	0.0181723	2.2785	2.2785	0.608809	0.862247	-1.15976	0.139214	0.633194	-1.57929	0.00301703	0.311148	-3.21391
cg06876648	HRNBP3	0.00587241	0.505015	0.719851	-1.38918	0.122081	2.25765	2.25765	0.157771	0.479997	-2.08335	0.478813	1.4189	1.4189	0.00319878	0.141459	-7.06917
cg20320624	HRNBP3	0.00598839	0.107784	1.87726	1.87726	0.00194121	4.82306	4.82306	0.603522	0.828588	-1.20687	0.0425304	2.31214	2.31214	0.0390372	2.35675	2.35675
cg21347874	HRNBP3	0.00610294	0.953811	0.975051	-1.02559	0.00564024	4.87702	4.87702	0.306026	1.58768	1.58768	0.491927	1.35589	1.35589	0.918643	1.04557	1.04557
cg18499201	HRNBP3	0.0061861	0.0234983	0.151542	-6.59884	0.0488115	4.80212	4.80212	0.422373	0.564673	-1.77094	0.81599	1.17651	1.17651	0.0180436	0.134904	-7.41267
cg26882487	HRNBP3	0.00619355	0.278988	0.582495	-1.71675	0.0146861	4.22998	4.22998	0.272681	0.578015	-1.73006	0.724719	0.843865	-1.18502	0.0038545	0.154186	-6.48569
cg24183338	HRNBP3	0.00632461	0.000322926	3.40099	3.40099	0.422952	0.841778	-1.18796	0.0512024	1.59559	1.59559	0.650727	1.10067	1.10067	0.559352	0.883171	-1.13228
cg02096758	HRNBP3	0.00640288	0.763693	0.911076	-1.0976	0.0208293	2.36127	2.36127	0.717324	0.893776	-1.11885	0.473662	1.25244	1.25244	0.167721	0.634971	-1.57488
cg14458578	HRNBP3	0.00690361	0.463045	0.634801	-1.5753	0.394662	1.6996	1.6996	0.346096	0.554157	-1.80454	0.598721	1.38136	1.38136	0.00279313	0.0815123	-12.2681
cg04771199	HRNBP3	0.00803188	0.0286036	4.12996	4.12996	0.00508192	7.6436	7.6436	0.773605	1.17163	1.17163	0.233744	1.98492	1.98492	0.143371	0.421652	-2.37162
cg09304587	HRNBP3	0.00972799	0.113272	0.594225	-1.68286	0.0017929	3.82591	3.82591	0.847969	0.943683	-1.05968	0.24854	1.43949	1.43949	0.176231	0.647748	-1.54381
cg13638849	HRNBP3	0.0116103	0.978189	1.00818	1.00818	0.0155876	2.42031	2.42031	0.938415	0.977233	-1.0233	0.239333	1.44376	1.44376	0.638659	1.15138	1.15138
cg27066122	HRNBP3	0.0141269	0.902353	1.06682	1.06682	0.0025403	9.09144	9.09144	0.292952	0.562745	-1.777	0.359553	1.64283	1.64283	0.261563	0.539578	-1.8533
cg08890067	HRNBP3	0.0146818	0.895205	1.0419	1.0419	0.0978473	1.76046	1.76046	0.0208721	0.420674	-2.37714	0.51833	0.815515	-1.22622	0.0429841	0.484179	-2.06535
cg03751911	HRNBP3	0.0146866	0.549248	0.805939	-1.24079	0.0153746	2.88349	2.88349	0.245836	1.54055	1.54055	0.550983	1.2396	1.2396	0.0145637	0.34255	-2.91929
cg17614801	HRNBP3	0.0150373	0.0783444	0.358824	-2.78688	0.680219	1.24261	1.24261	0.160176	0.455468	-2.19554	0.529956	0.716435	-1.3958	0.0833394	0.366171	-2.73096
cg10937408	HRNBP3	0.0165125	0.942243	1.0555	1.0555	0.0250872	7.28878	7.28878	0.46134	0.571771	-1.74895	0.971554	1.02694	1.02694	0.871035	1.12875	1.12875
cg21482290	HRNBP3	0.0170092	0.00938886	0.206089	-4.85226	0.330087	1.6193	1.6193	0.35637	0.634483	-1.57609	0.560428	0.754023	-1.32622	0.0129637	0.227879	-4.38829
cg14477973	HRNBP3	0.0183773	0.747496	1.06935	1.06935	0.00546141	2.13529	2.13529	0.581043	0.89074	-1.12266	0.267928	1.27067	1.27067	0.161286	1.36416	1.36416
cg13769046	HRNBP3	0.0188136	0.958027	1.04454	1.04454	0.14857	3.60681	3.60681	0.643537	1.47081	1.47081	0.768478	1.27684	1.27684	0.0631447	0.177216	-5.64284
cg06389444	HRNBP3	0.0217569	0.422185	0.524963	-1.9049	0.212052	2.81011	2.81011	0.491428	0.577362	-1.73202	0.534123	1.64036	1.64036	0.0104184	0.0792468	-12.6188
cg21648009	HRNBP3	0.0222964	0.738003	0.819191	-1.22072	0.0713381	3.30856	3.30856	0.66496	0.771934	-1.29545	0.740209	1.21858	1.21858	0.0088501	0.138124	-7.23986
cg05051628	HRNBP3	0.0234337	0.0614229	0.21804	-4.58632	0.667706	1.36637	1.36637	0.308491	0.466803	-2.14223	0.381047	0.522358	-1.9144	0.0623491	0.219512	-4.55557
cg03297092	HRNBP3	0.0237135	0.0107907	0.374599	-2.66952	0.752028	0.907387	-1.10207	0.689097	0.883996	-1.13123	0.360511	0.749601	-1.33404	0.00620252	0.334834	-2.98655
cg16017144	HRNBP3	0.0241066	0.415442	1.89003	1.89003	0.602995	1.49376	1.49376	0.0504116	0.181689	-5.50391	0.871106	1.13223	1.13223	0.246697	0.395967	-2.52546
cg26772172	HRNBP3	0.0251984	0.170334	0.496896	-2.0125	0.049344	2.92818	2.92818	0.11741	0.442866	-2.25802	0.300873	1.67098	1.67098	0.0199688	0.260535	-3.83826
cg11444048	HRNBP3	0.0274458	0.0507783	0.172132	-5.80949	0.513051	0.591875	-1.68954	0.099687	0.240142	-4.1642	0.565909	0.632035	-1.58219	0.00791158	0.0676785	-14.7757
cg20072359	HRNBP3	0.0274665	0.0499237	0.425763	-2.34872	0.0111905	0.297021	-3.36676	0.0393151	0.402311	-2.48564	0.614379	0.823656	-1.2141	0.0417805	0.408159	-2.45002
cg10193441	HRNBP3	0.0287763	0.0384232	0.316441	-3.16015	0.0187129	3.92304	3.92304	0.600188	0.775931	-1.28878	0.776438	0.872347	-1.14633	0.0455309	0.332859	-3.00428
cg02810304	HRNBP3	0.0345042	0.018182	0.300228	-3.3308	0.888389	1.06069	1.06069	0.043031	0.376483	-2.65617	0.728929	1.15716	1.15716	0.0229336	0.319278	-3.13207
cg14602220	HRNBP3	0.0358885	0.507838	0.481638	-2.07625	0.477082	2.19491	2.19491	0.726644	1.46472	1.46472	0.951167	1.06887	1.06887	0.00836612	0.0256335	-39.0115
cg11629921	HRNBP3	0.0374512	0.628999	1.49259	1.49259	0.22214	2.87364	2.87364	0.233327	2.79559	2.79559	0.959561	1.0426	1.0426	0.0891335	0.213882	-4.67547
cg20207715	HRNBP3	0.0377688	0.268088	0.509813	-1.96151	0.0722725	3.22686	3.22686	0.255229	2.00113	2.00113	0.107015	2.79427	2.79427	0.0126989	0.163852	-6.10306
cg14435645	HRNBP3	0.0378802	0.173352	0.338637	-2.95302	0.924681	0.931762	-1.07323	0.493763	0.594855	-1.68108	0.212775	0.375005	-2.66663	0.0436314	0.176612	-5.66214
cg18910127	HRNBP3	0.0383247	0.144826	0.39544	-2.52883	0.0731076	3.26796	3.26796	0.734663	0.817469	-1.22329	0.612516	1.35336	1.35336	0.0138889	0.165175	-6.05418
cg24098990	HRNBP3	0.0388965	0.670428	0.790555	-1.26493	0.822157	0.883734	-1.13156	0.126686	0.40373	-2.4769	0.657761	0.782879	-1.27734	0.00307373	0.108064	-9.25375
cg17613924	HRNBP3	0.0390317	0.29801	0.401248	-2.49223	0.231713	2.8915	2.8915	0.551215	0.600283	-1.66588	0.894679	0.89394	-1.11864	0.00972534	0.0627713	-15.9309
cg19442493	HRNBP3	0.039164	0.198797	0.560309	-1.78473	0.696914	0.846221	-1.18172	0.212153	0.570844	-1.75179	0.608055	1.24691	1.24691	0.00648881	0.221038	-4.52411
cg19110654	HRNBP3	0.0410295	0.0714078	0.194186	-5.1497	0.0492265	5.73026	5.73026	0.952782	1.04713	1.04713	0.334592	0.461198	-2.16826	0.11689	0.265861	-3.76137

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03510310	0.591931	0.939435	-1.06447	0.0153502	1.40995	1.40995	0.00933278	0.68337	-1.46334	0.560785	0.934344	-1.07027	4.37158	0.923018	0.187681	1
cg00156194	0.149961	0.758683	-1.31807	0.00378251	2.01197	2.01197	0.0721856	1.432	1.432	0.127601	1.34284	1.34284	3.9206	1.98813	0.450753	1
cg26986573	0.00220043	0.459409	-2.17671	0.131859	1.34273	1.34273	7.94E-05	0.274686	-3.64052	1.86E-05	0.206096	-4.8521	27.3437	14.2189	0.462228	1
cg04999435	0.0214802	0.180506	-5.53999	0.00822811	0.123072	-8.12534	0.0256363	0.193381	-5.17113	0.0484036	0.24716	-4.04596	4.81282	29.2792	5.40763	1
cg01967055	0.455834	1.08954	1.08954	0.149518	1.19064	1.19064	0.0187663	1.37925	1.37925	0.00160531	1.66686	1.66686	3.59695	0.726315	0.179489	1
cg16948320	0.964639	1.02403	1.02403	?	?	?	0.468138	1.48503	1.48503	0.0234768	0.234635	-4.26193	6.10314	24.6545	4.03965	1
cg19851487	0.000879234	5.42999	5.42999	0.0143953	0.359373	-2.78262	0.0122632	2.8817	2.8817	0.123987	1.75971	1.75971	11.8029	21.5152	1.62033	1
cg08826281	0.286725	0.799433	-1.25089	0.000432591	0.324234	-3.08419	0.645444	1.09828	1.09828	0.950153	1.01273	1.01273	5.38669	3.49318	0.57643	1
cg15439442	0.968748	0.994252	-1.00578	0.172488	1.23816	1.23816	0.0559347	1.37519	1.37519	0.00615586	1.69179	1.69179	5.01751	1.72016	0.304739	1
cg24078905	0.607466	0.836392	-1.19561	0.211629	1.57416	1.57416	0.035163	2.33049	2.33049	0.514772	1.25579	1.25579	4.99623	9.40757	1.67372	1
cg10695490	0.0440428	0.45529	-2.1964	0.0928258	0.533212	-1.87543	0.00890253	0.322452	-3.10124	0.177129	0.613971	-1.62874	4.29316	7.86243	1.6279	1
cg20249839	0.0567623	0.577047	-1.73296	0.113531	1.55129	1.55129	0.29508	1.31901	1.31901	0.791772	0.934756	-1.0698	4.1248	4.24761	0.915355	1
cg12955076	0.556483	0.860887	-1.16159	0.000135788	0.18949	-5.27732	0.00581438	0.402646	-2.48357	0.00344779	0.367776	-2.71904	13.3416	13.4019	0.892903	1
cg02097420	0.00280605	0.399424	-2.50361	0.000787491	0.322697	-3.09889	0.107827	0.676315	-1.4786	0.0589394	0.621641	-1.60864	7.58478	5.96763	0.699369	1
cg00100948	0.0325165	0.510775	-1.95781	0.533577	1.18444	1.18444	0.0996623	0.616051	-1.62324	0.736285	0.913254	-1.09499	6.59925	7.53251	1.01459	1
cg07749074	0.00139681	0.191497	-5.22201	0.887994	1.0516	1.0516	0.0202302	0.367986	-2.71749	0.00189968	0.207846	-4.81124	6.38764	12.8952	1.79446	1
cg13593758	0.349718	1.19369	1.19369	0.000173044	0.309455	-3.23149	0.237449	0.796414	-1.25563	0.00168047	0.437791	-2.28419	12.5471	6.72266	0.476262	1
cg25677394	0.805398	1.11293	1.11293	0.00225644	0.156811	-6.37712	0.0789706	0.429347	-2.32912	0.0219949	0.303962	-3.28989	4.50584	13.4076	2.64499	1
cg12179658	0.863351	0.92497	-1.08112	0.00351624	0.166622	-6.00159	0.141943	0.489247	-2.04396	0.0383573	0.337401	-2.96383	4.2596	13.829	2.88581	1
cg16929739	0.994338	0.996569	-1.00344	0.00334004	0.14447	-6.92184	0.428503	0.676025	-1.47923	0.0109789	0.213137	-4.69182	4.17171	15.5018	3.30305	1
cg06457736	0.381118	0.520994	-1.91941	0.00540379	0.0701073	-14.2639	0.0965611	0.266023	-3.75907	0.0420091	0.182553	-5.47785	3.63513	30.3291	7.41628	1
cg13256912	0.103842	0.627775	-1.59293	0.000684621	0.257228	-3.8876	0.34626	1.28905	1.28905	0.0629919	0.578385	-1.72895	11.1939	12.1487	0.964713	1
cg24397241	0.0663413	0.674203	-1.48323	0.00122963	0.404608	-2.47153	0.189652	1.30468	1.30468	0.00113946	0.400105	-2.49935	8.58426	4.98244	0.515925	1
cg16291962	7.19E-05	0.256653	-3.89631	0.635847	0.914192	-1.09386	0.999061	1.00022	1.00022	0.849912	0.964997	-1.03627	7.71106	4.32026	0.498017	1
cg21566860	0.959965	1.01247	1.01247	0.260651	0.748447	-1.3361	0.147379	0.681156	-1.46809	0.0185536	0.494069	-2.02401	4.66962	4.5111	0.858713	1
cg12974545	0.200711	0.585426	-1.70816	0.00278553	0.195281	-5.12084	0.246557	0.618747	-1.61617	0.204336	0.588215	-1.70006	4.15119	10.319	2.20959	1
cg17571559	0.001566	0.716201	-1.39626	0.392526	0.937675	-1.06647	0.0279679	0.82633	-1.21017	2.61E-06	0.434883	-2.29947	65.1013	5.56476	0.0759809	1
cg17660833	0.737044	0.887985	-1.12615	0.00203146	0.215711	-4.63584	0.993924	0.997319	-1.00269	0.00984667	0.316623	-3.15833	7.37099	14.5081	1.74957	1
cg09666573	0.0492385	0.625697	-1.59822	0.0484562	0.624399	-1.60154	0.0542303	0.633584	-1.57832	0.00120727	0.371463	-2.69205	6.86018	4.74126	0.614336	1
cg05551003	0.491376	0.725024	-1.37926	0.0245975	0.291819	-3.42678	0.704149	1.19186	1.19186	0.0929081	0.427195	-2.34085	3.81799	12.7987	2.97974	1
cg08039854	0.148995	0.288377	-3.46768	0.0462903	0.159722	-6.26086	0.347012	0.459296	-2.17725	0.369378	0.476766	-2.09746	3.46518	35.4311	9.08879	1
cg02150536	0.228766	1.11876	1.11876	0.00325821	1.42821	1.42821	0.00262643	0.69071	-1.44779	0.0112991	0.754359	-1.32563	42.1426	5.26883	0.111132	1
cg24357890	0.559802	1.14141	1.14141	0.00136957	0.35282	-2.83431	0.178632	1.37784	1.37784	0.0556379	0.614801	-1.62654	16.211	12.9178	0.708313	1
cg27530352	0.700732	1.18158	1.18158	5.90E-05	0.0402678	-24.8338	0.425632	0.703626	-1.42121	0.00875308	0.236247	-4.23287	8.36891	24.7439	2.62813	1
cg07043494	0.407274	1.178	1.178	0.0102188	1.86966	1.86966	0.383054	0.841253	-1.1887	0.346545	0.829174	-1.20602	5.46781	3.23408	0.525757	1
cg17578539	0.688603	1.08276	1.08276	8.28E-06	0.146673	-6.81787	0.317621	1.22617	1.22617	0.199824	0.765413	-1.30648	18.5549	11.4489	0.548468	1
cg11131902	0.189256	0.833999	-1.19904	0.400448	0.894269	-1.11823	0.00178059	0.543342	-1.84046	0.003213	0.578403	-1.7289	11.252	2.91996	0.201838	1
cg09575258	0.112889	0.756973	-1.32105	0.0095555	0.588874	-1.69816	0.024056	0.647779	-1.54374	0.000590231	0.424693	-2.35464	8.55208	3.52629	0.366517	1
cg05011238	0.0253879	0.401515	-2.49057	0.00401291	0.265114	-3.77196	0.00692054	0.301112	-3.32102	0.651894	0.855599	-1.16877	8.11816	15.1625	1.66021	1
cg07524827	0.0617499	1.19324	1.19324	0.00590657	0.739016	-1.35315	0.321154	0.917527	-1.08989	0.00420368	1.3798	1.3798	7.96671	0.889743	0.0992735	1
cg05157516	0.0859478	1.17353	1.17353	0.00179684	0.687631	-1.45427	0.255942	0.904838	-1.10517	0.474911	1.06319	1.06319	7.9654	0.897024	0.100102	1
cg05919907	0.634756	0.843959	-1.18489	0.00132552	0.191031	-5.23476	0.016388	0.353443	-2.82931	0.105187	0.533862	-1.87314	7.76193	15.4496	1.76927	1
cg17405853	0.0112644	1.7644	1.7644	0.0564833	0.679626	-1.4714	0.0366085	0.647656	-1.54403	0.554203	1.11295	1.11295	7.2151	3.6555	0.450351	1
cg17483297	0.163881	0.634535	-1.57596	0.755098	0.90864	-1.10055	0.674108	1.13826	1.13826	0.488816	1.24024	1.24024	5.68807	8.44552	1.3198	1
cg06969845	0.617998	0.841342	-1.18858	0.0293471	0.413992	-2.41551	0.116624	0.556643	-1.79648	0.469059	1.28803	1.28803	3.99054	7.46244	1.66225	1
cg06477056	0.704384	1.06828	1.06828	0.0538232	1.46137	1.46137	1.23E-05	0.20238	-4.94121	0.914185	1.01885	1.01885	13.4721	6.40694	0.422728	1
cg17200850	0.0649359	0.584703	-1.71027	0.000473943	0.2414	-4.1425	0.000178085	0.19315	-5.17734	0.279641	1.33778	1.33778	11.4638	12.1719	0.9438	1
cg06857674	0.261334	1.32786	1.32786	0.000188226	0.217629	-4.59498	0.000114065	0.194083	-5.15243	0.610942	0.883204	-1.13224	10.5389	9.78148	0.825004	1
cg02765962	0.937572	0.980967	-1.0194	0.00214852	0.326887	-3.05916	0.00543638	0.391313	-2.5555	0.0979341	0.63646	-1.57119	7.62467	7.11389	0.725675	1
cg20277670	0.822286	1.03351	1.03351	0.000441827	2.25422	2.25422	0.384209	0.877474	-1.13964	0.144352	0.794754	-1.25825	4.89927	1.66528	0.302137	1
cg01281175	0.265317	1.45985	1.45985	0.0143389	0.373829	-2.67502	0.00036065	0.15496	-6.45327	0.708756	0.884892	-1.13008	6.70742	11.2838	1.49536	1
cg22578632	0.821432	0.893367	-1.11936	0.0189261	0.242274	-4.12755	0.00131015	0.0969632	-10.3132	0.96299	0.977122	-1.02341	4.25189	16.7535	3.50244	1
cg24121172	0.0194309	1.56873	1.56873	0.0427467	0.689581	-1.45016	0.000203011	2.69876	2.69876	0.63355	1.07954	1.07954	20.5118	8.24924	0.357484	1
cg18859248	0.750496	0.932556	-1.07232	0.00389916	0.42719	-2.34088	0.0323882	1.73028	1.73028	0.354458	1.23184	1.23184	9.05507	6.87031	0.674422	1
cg00170438	0.0373149	0.527245	-1.89665	0.000189206	0.188791	-5.29686	0.948449	1.01727	1.01727	0.129107	0.647698	-1.54393	6.28091	6.97752	0.987475	1
cg01567503	0.706617	0.943433	-1.05996	0.00332622	0.54036	-1.85062	0.0357109	0.686336	-1.45701	0.568821	1.09273	1.09273	5.27049	1.97948	0.333847	1
cg27447053	0.0468903	0.811968	-1.23158	0.00129662	0.651119	-1.53582	0.594517	0.951998	-1.05042	0.264394	1.11239	1.11239	5.18031	0.687807	0.118021	1
cg08186362	?	?	?	0.00204894	0.100494	-9.95086	0.507985	1.36613	1.36613	0.707615	1.19055	1.19055	6.19581	17.742	2.14766	1
cg15662768	0.165675	1.38004	1.38004	0.0452095	0.60618	-1.64967	0.0120253	1.9787	1.9787	0.0569044	1.59912	1.59912	4.39386	3.3032	0.668246	1
cg04291946	0.228431	0.575433	-1.73782	0.00193383	0.146913	-6.80675	0.348651	0.655854	-1.52473	0.209529	0.560901	-1.78285	4.06923	12.3175	2.69065	1
cg27143370	0.175153	1.28856	1.28856	0.00394146	0.505641	-1.97769	0.213853	0.794432	-1.25876	0.220032	0.797129	-1.2545	3.6174	1.77118	0.435224	1
cg16126186	0.559237	1.21958	1.21958	0.00147538	0.213886	-4.67539	0.0526588	0.476887	-2.09693	0.0293147	0.421919	-2.37012	11.9182	21.3276	1.59066	1
cg00665971	0.00124346	0.612487	-1.63269	0.776866	1.02996	1.02996	3.67E-08	7.70175	7.70175	0.0906465	1.21373	1.21373	55.9879	9.57324	0.151989	1
cg09184853	0.0999172	1.9816	1.9816	0.547439	1.25978	1.25978	0.00014661	11.9171	11.9171	0.0635378	2.20644	2.20644	6.08399	13.8659	2.02585	1
cg14276619	0.1335	0.799578	-1.25066	0.0601944	0.746057	-1.34038	0.0523831	1.35647	1.35647	0.314448	1.15461	1.15461	4.60953	1.39431	0.268875	1
cg24810439	0.828704	0.921911	-1.0847	0.269554	1.54345	1.54345	0.867224	0.939149	-1.06479	0.0930114	0.494769	-2.02114	4.90419	10.7011	1.69713	1
cg11220161	0.0556006	2.34105	2.34105	0.0260019	2.81827	2.81827	0.0492139	2.41165	2.41165	0.535824	1.27872	1.27872	4.12293	10.041	2.16481	1
cg24301192	0.705679	0.830471	-1.20414	?	?	?	0.094208	2.46166	2.46166	0.283358	1.72585	1.72585	3.81709	12.8812	3.37461	1
cg15991471	3.15E-05	0.526105	-1.90076	0.00378235	0.733946	-1.3625	0.0135593	0.785168	-1.27361	0.015839	1.26362	1.26362	16.8385	1.67151	0.0882377	1
cg21826815	?	?	?	0.452927	1.59455	1.59455	0.589327	1.39391	1.39391	0.143604	0.38024	-2.62992	3.98518	17.7951	4.46531	1
cg04105876	0.19544	0.841839	-1.18788	6.27E-06	0.281079	-3.55772	0.64247	0.942909	-1.06055	1.97E-06	0.227829	-4.38925	46.7101	11.6959	0.222572	1
cg01455398	7.97E-05	0.234812	-4.25872	1.87E-06	0.0900598	-11.1037	0.0447357	1.59749	1.59749	0.00137358	0.389151	-2.5697	32.2383	21.1031	0.581864	1
cg02575092	0.0104514	1.50704	1.50704	2.99E-06	0.242608	-4.12188	7.15E-05	2.51128	2.51128	0.0676986	1.29748	1.29748	31.3973	8.05104	0.227933	1
cg07459248	0.00228078	0.358704	-2.78781	1.71E-06	0.0562264	-17.7853	0.00512731	0.411269	-2.4315	6.01E-05	0.168273	-5.94271	29.5704	27.0437	0.812935	1
cg04159004	0.172883	1.30359	1.30359	1.24E-06	0.101974	-9.80646	0.174482	1.30215	1.30215	0.00218089	0.455762	-2.19413	23.0798	12.2118	0.470324	1
cg25738340	0.000856652	0.219811	-4.54937	5.93E-05	0.105618	-9.46811	0.374301	0.758895	-1.3177	0.000379893	0.179546	-5.5696	22.9231	33.2283	1.2885	1
cg16929955	0.0118591	0.46333	-2.15829	7.24E-06	0.0885194	-11.297	0.250894	0.745421	-1.34152	0.00598104	0.414804	-2.41078	21.7092	20.6215	0.844351	1
cg20296188	0.150124	1.13388	1.13388	9.36E-06	0.458799	-2.1796	0.015338	0.78476	-1.27428	0.275916	1.0967	1.0967	20.7208	2.17685	0.0933833	1
cg09890286	0.260198	0.786711	-1.27112	1.66E-05	0.16391	-6.10092	0.00146556	2.55554	2.55554	0.348522	0.821072	-1.21792	20.266	13.3922	0.587396	1
cg06292198	0.0262095	2.06527	2.06527	4.58E-06	0.0553853	-18.0553	0.0299053	2.01894	2.01894	0.740592	1.09567	1.09567	18.7945	22.5116	1.06469	1
cg21995652	0.00133338	0.361226	-2.76835	0.0240334	0.555696	-1.79955	0.0080146	2.09938	2.09938	0.00609131	0.457665	-2.18501	14.8638	11.2166	0.670777	1
cg23296697	0.318432	1.23642	1.23642	0.000154659	0.263419	-3.79623	0.288351	0.797042	-1.25464	0.233869	0.773485	-1.29285	13.1308	8.80827	0.596276	1
cg04284319	0.333211	0.766179	-1.30518	0.030646	0.507828	-1.96917	0.0102134	2.37287	2.37287	0.590316	0.865001	-1.15607	12.1775	13.7316	1.00233	1
cg09837116	0.321019	0.768866	-1.30062	1.45E-05	0.0734524	-13.6143	0.727812	1.09327	1.09327	0.0886709	0.614821	-1.62649	14.8706	15.0009	0.784591	1
cg10759591	0.139571	1.48674	1.48674	0.000118547	0.186361	-5.36592	0.0459079	1.7696	1.7696	0.572923	1.15269	1.15269	11.3385	11.174	0.875993	1
cg05915794	0.430623	1.25411	1.25411	0.003505	3.0487	3.0487	0.652423	1.13612	1.13612	0.971065	1.01026	1.01026	10.4723	13.1405	1.11536	1
cg20292318	0.358338	0.712949	-1.40263	1.58E-05	0.0410818	-24.3417	0.6646	0.855334	-1.16913	0.512069	0.788052	-1.26895	10.3731	21.0804	1.80641	1
cg18945299	0.308469	1.60229	1.60229	0.430359	0.697681	-1.43332	0.637459	0.808724	-1.23652	0.294832	1.62565	1.62565	9.79259	31.0224	2.81595	1
cg03174407	0.0145152	0.326101	-3.06653	0.000185845	0.0955109	-10.47	0.270703	0.652632	-1.53226	0.00216757	0.201606	-4.96016	9.78387	21.4572	1.94944	1
cg25029998	0.00435059	0.298844	-3.34623	0.000168557	0.13142	-7.6092	0.00231558	0.259483	-3.85381	0.026303	0.433729	-2.30559	9.64147	15.3457	1.41479	1
cg02150820	0.594811	0.842776	-1.18655	0.000195111	0.135777	-7.36504	0.411084	1.30712	1.30712	0.0743721	0.530742	-1.88416	9.47171	15.2308	1.42936	1
cg16301599	0.438968	0.637843	-1.56779	0.002602	0.0928956	-10.7648	0.219811	2.08544	2.08544	0.00228228	0.0880239	-11.3606	9.35343	48.0701	4.56827	1
cg25408698	0.45437	0.874766	-1.14316	7.16E-05	0.280724	-3.56221	0.423385	1.15438	1.15438	0.67343	1.07726	1.07726	9.10654	4.44582	0.433957	1
cg13058786	0.423921	1.16728	1.16728	0.00025881	0.320288	-3.12219	0.220986	1.27594	1.27594	0.432816	1.1637	1.1637	8.47447	4.81448	0.504991	1
cg19673176	0.664031	0.846097	-1.1819	3.93E-05	0.0493767	-20.2525	0.668095	1.17933	1.17933	0.0148919	0.318151	-3.14316	8.41593	19.491	2.05863	1
cg24075412	0.0971025	0.515447	-1.94006	4.29E-05	0.0590904	-16.9232	0.557343	1.24109	1.24109	0.743637	0.887418	-1.12686	8.41133	17.6464	1.86482	1
cg16264458	0.555124	0.679035	-1.47268	0.000580871	0.031729	-31.5169	0.452894	1.64197	1.64197	0.0104125	0.123443	-8.10088	8.00345	53.31	5.92079	1
cg00314827	0.0617941	0.356193	-2.80746	0.000342475	0.0590422	-16.937	0.221799	0.532493	-1.87796	0.00690997	0.179828	-5.56086	7.87715	30.0455	3.39045	1
cg19481531	0.220216	1.35946	1.35946	0.0063706	0.429176	-2.33005	0.758736	1.07615	1.07615	0.00594458	0.42444	-2.35605	7.63212	6.86051	0.799021	1
cg00802224	0.0178452	0.399605	-2.50247	0.000265331	0.148395	-6.73875	0.792799	1.08748	1.08748	0.0402697	0.470109	-2.12717	7.59334	12.2033	1.42854	1
cg27623948	0.15072	0.47271	-2.11546	9.63E-05	0.0341994	-29.2403	0.413842	0.666041	-1.50141	0.0989035	0.414691	-2.41143	7.51094	28.1547	3.332	1
cg00380428	0.900109	1.0583	1.0583	0.000146641	0.0524669	-19.0596	0.123477	0.471002	-2.12314	0.0935754	0.435099	-2.29833	7.28688	23.4997	2.86661	1
cg17167303	0.0825148	0.521791	-1.91648	0.000307309	0.137782	-7.25785	0.405507	1.33358	1.33358	0.0232907	0.399676	-2.50202	7.24838	13.134	1.61066	1
cg08223357	0.846261	0.945787	-1.05732	0.000402896	0.198785	-5.03057	0.235089	0.69954	-1.42951	0.915635	1.03089	1.03089	7.18233	9.37861	1.1607	1
cg06876648	0.0591115	0.355014	-2.81679	0.000533498	0.0728288	-13.7308	0.514399	1.37892	1.37892	0.0292488	0.287014	-3.48415	6.98533	26.1254	3.32448	1
cg20320624	0.0333168	2.44164	2.44164	0.0260596	0.387614	-2.57989	0.0035732	4.12233	4.12233	0.0432408	2.30362	2.30362	6.94331	14.163	1.81316	1
cg21347874	0.747586	0.868625	-1.15124	0.000467619	0.0907859	-11.0149	0.021733	3.32561	3.32561	0.873423	0.932821	-1.07202	6.9028	20.7998	2.67844	1
cg18499201	0.0160728	0.128158	-7.80287	0.000688844	0.0269535	-37.1009	0.543522	1.53542	1.53542	0.0403352	0.19173	-5.21566	6.87397	52.9437	6.84626	1
cg26882487	0.360883	0.637005	-1.56985	0.000671349	0.0822506	-12.158	0.892676	1.06696	1.06696	0.0471558	0.336019	-2.97602	6.87141	25.0878	3.24537	1
cg24183338	0.712909	0.925175	-1.08088	0.00973069	0.502508	-1.99002	0.137773	1.3998	1.3998	0.571976	1.1277	1.1277	6.82702	4.78835	0.62345	1
cg02096758	0.521047	0.817981	-1.22252	0.000150191	0.133903	-7.46808	0.819751	0.93193	-1.07304	0.339711	0.737908	-1.35518	6.80105	10.2764	1.34311	1
cg14458578	0.187642	0.427622	-2.33851	0.000332693	0.0295109	-33.8858	0.614223	1.36235	1.36235	0.0451031	0.246918	-4.04993	6.64377	38.9454	5.21061	1
cg04771199	0.199149	2.10656	2.10656	0.00372361	0.116293	-8.59895	0.0174681	4.89794	4.89794	0.233611	1.98535	1.98535	6.33621	30.2648	4.24576	1
cg09304587	0.0854636	1.77564	1.77564	0.200441	0.664692	-1.50446	0.00315842	3.38102	3.38102	0.413684	1.28708	1.28708	5.96293	8.61394	1.28407	1
cg13638849	0.022028	2.26722	2.26722	0.0126249	0.396845	-2.51987	0.0018725	3.72327	3.72327	0.898457	1.03878	1.03878	5.63344	7.92553	1.25055	1
cg27066122	0.364208	0.611791	-1.63454	0.00638885	0.154115	-6.48867	0.0381795	3.54698	3.54698	0.861538	1.09636	1.09636	5.28419	23.2403	3.90942	1
cg08890067	0.404569	1.30421	1.30421	0.0217726	0.424177	-2.35751	0.0055999	3.10448	3.10448	0.189804	0.648887	-1.5411	5.21753	8.0145	1.3654	1
cg03751911	0.543589	0.803413	-1.24469	0.00252098	0.224635	-4.45167	0.482574	1.28928	1.28928	0.165603	0.590681	-1.69296	5.21696	10.4735	1.78452	1
cg17614801	0.610747	0.764112	-1.30871	0.000281401	0.0445237	-22.46	0.248466	0.531375	-1.88191	0.0395275	0.287105	-3.48305	5.17645	22.5196	3.86701	1
cg10937408	0.691284	1.34654	1.34654	0.000479076	0.0168207	-59.4507	0.481217	1.7052	1.7052	0.70219	0.750977	-1.3316	5.01801	44.1608	7.82262	1
cg21482290	0.0337281	0.304457	-3.28454	0.00223373	0.1283	-7.79424	0.724354	1.18507	1.18507	0.0969438	0.417385	-2.39587	4.96858	18.0984	3.23784	1
cg14477973	0.00825348	2.01626	2.01626	0.010738	0.514044	-1.94536	0.477164	1.16188	1.16188	0.436052	1.17933	1.17933	4.8412	3.30377	0.606602	1
cg13769046	0.647465	0.68305	-1.46402	0.0004348	0.0100048	-99.9523	0.795312	1.24016	1.24016	0.616743	0.658523	-1.51855	4.80304	52.1419	9.64981	1
cg06389444	0.223953	0.366349	-2.72964	0.00134273	0.0256709	-38.9546	0.661968	1.4131	1.4131	0.101463	0.244281	-4.09364	4.57133	44.7282	8.69734	1
cg21648009	0.294754	0.524373	-1.90704	0.00158236	0.0675677	-14.8	0.772048	1.18835	1.18835	0.542874	0.693572	-1.44181	4.53307	25.3382	4.96856	1
cg05051628	0.168974	0.346712	-2.88424	0.000676722	0.0233826	-42.7669	0.578741	0.666724	-1.49987	0.0257703	0.147515	-6.77896	4.45604	36.869	7.3546	1
cg03297092	0.128478	0.604254	-1.65493	0.00182233	0.257053	-3.89025	0.202309	0.661843	-1.51093	0.169621	0.638549	-1.56605	4.4378	6.60689	1.32336	1
cg16017144	0.336709	2.13301	2.13301	0.00229398	0.0383961	-26.0443	0.0238011	7.87105	7.87105	0.882272	1.12	1.12	4.41262	40.8764	8.23425	1
cg26772172	0.659802	0.808838	-1.23634	0.0028088	0.139221	-7.1828	0.869686	0.924376	-1.08181	0.629381	0.792234	-1.26225	4.34527	15.7858	3.22923	1
cg11444048	0.0502775	0.171297	-5.83783	0.00224138	0.033939	-29.4646	0.583406	0.645405	-1.54941	0.0301911	0.133302	-7.50178	4.21735	41.7506	8.79977	1
cg20072359	0.127413	0.532868	-1.87664	0.00178317	0.183023	-5.4638	0.11033	0.514524	-1.94355	0.469138	0.754845	-1.32477	4.21623	9.73768	2.05295	1
cg10193441	0.648964	0.802649	-1.24587	0.00770977	0.193564	-5.16625	0.234471	1.81817	1.81817	0.429065	0.678924	-1.47292	4.14757	15.1154	3.23946	1
cg02810304	0.0118115	0.267371	-3.74013	0.0160298	0.290304	-3.44467	0.779967	1.12469	1.12469	0.329608	0.655645	-1.52522	3.88713	10.8378	2.47834	1
cg14602220	0.620023	0.580703	-1.72205	0.00211705	0.00910884	-109.783	0.920238	0.896805	-1.11507	0.123184	0.162674	-6.14726	3.83215	71.7699	16.6474	1
cg11629921	0.598753	0.64608	-1.5478	0.00164708	0.0245533	-40.7278	0.492558	1.77425	1.77425	0.204182	0.33208	-3.01133	3.77314	40.445	9.52817	1
cg20207715	0.491128	1.50445	1.50445	0.111693	0.363591	-2.75034	0.101576	2.84862	2.84862	0.143813	0.399632	-2.5023	3.76152	20.3194	4.80169	1
cg14435645	0.0896809	0.246995	-4.04866	0.00123668	0.0293178	-34.109	0.100924	0.261113	-3.82975	0.0502702	0.188611	-5.30192	3.75747	33.246	7.86487	1
cg18910127	0.671274	1.28777	1.28777	0.00747766	0.13001	-7.69174	0.565203	1.41121	1.41121	0.156737	0.407643	-2.45313	3.74147	20.7985	4.94125	1
cg24098990	0.895233	0.930221	-1.07501	0.00523613	0.132375	-7.55429	0.891486	0.9278	-1.07782	0.0659701	0.322224	-3.10343	3.72121	17.7642	4.24336	1
cg17613924	0.278709	0.385438	-2.59445	0.00440374	0.0400346	-24.9784	0.277694	2.6001	2.6001	0.180556	0.300124	-3.33196	3.71647	42.174	10.087	1
cg19442493	0.803959	0.899335	-1.11193	0.00304443	0.176967	-5.65076	0.968725	0.983414	-1.01687	0.0840194	0.442386	-2.26047	3.71186	10.6984	2.56198	1
cg19110654	0.811898	0.830764	-1.20371	0.00530277	0.0573978	-17.4223	0.309942	2.26397	2.26397	0.150491	0.301633	-3.31529	3.64877	34.9523	8.51486	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04115702	HRNBP3	0.0426996	0.019528	0.109695	-9.11617	0.87707	1.12886	1.12886	0.474795	0.566025	-1.76671	0.318948	0.446414	-2.24007	0.0109389	0.0820234	-12.1916
cg19391924	HRNBP3	0.0429763	0.364443	0.427264	-2.34047	0.0701655	6.3417	6.3417	0.990389	1.01105	1.01105	0.853919	0.845206	-1.18314	0.0442045	0.121339	-8.24137
cg17018839	HRNBP3	0.0435637	0.292094	0.641708	-1.55834	0.175986	1.79305	1.79305	0.875285	1.06582	1.06582	0.335649	1.4962	1.4962	0.407675	0.709123	-1.41019
cg17531849	HRNBP3	0.043631	0.103484	6.27469	6.27469	0.0383491	11.8824	11.8824	0.384412	0.39861	-2.50872	0.289108	3.11082	3.11082	0.229067	0.272053	-3.67575
cg15838142	HRNBP3	0.0440829	0.288872	0.613519	-1.62994	0.427073	1.43309	1.43309	0.22742	0.569915	-1.75465	0.784529	1.12932	1.12932	0.0364509	0.339965	-2.94148
cg14492599	HRNBP3	0.0442038	0.314986	0.30329	-3.29717	0.650932	1.68712	1.68712	0.986257	0.980417	-1.01997	0.954033	0.935953	-1.06843	0.00927872	0.0225834	-44.2804
cg04519462	HRNBP3	0.0445846	0.111881	0.544118	-1.83784	0.170825	0.598903	-1.66972	0.293023	0.681502	-1.46735	0.539231	0.803711	-1.24423	0.0254221	0.393064	-2.54412
cg09840665	HRNBP3	0.0452264	0.00825245	0.290345	-3.44417	0.0137961	0.328163	-3.04727	0.0237211	0.3722	-2.68673	0.489656	1.29292	1.29292	0.0282398	0.387391	-2.58137
cg03250870	HRNBP3	0.0452783	0.343999	1.93189	1.93189	0.00755953	10.1899	10.1899	0.814766	0.853389	-1.1718	0.236048	2.31359	2.31359	0.344705	0.518157	-1.92992
cg24096120	HRNBP3	0.0454384	0.778509	0.80912	-1.23591	0.517228	0.610657	-1.63758	0.792915	0.820672	-1.21851	0.61568	0.683734	-1.46256	0.0282998	0.142997	-6.99316
cg24849091	HRNBP3	0.0457499	0.06239	0.422103	-2.36909	0.33293	1.50787	1.50787	0.712316	0.858732	-1.16451	0.390682	0.696514	-1.43572	0.0707514	0.435916	-2.29402
cg08504407	HRNBP3	0.0494555	0.409253	1.42522	1.42522	0.00632565	4.44895	4.44895	0.02255	3.14826	3.14826	0.51786	1.31685	1.31685	0.473657	0.736419	-1.35792
cg06331899	HRNBP3	0.0496778	0.769641	0.776309	-1.28815	0.163774	3.60146	3.60146	0.981666	0.980381	-1.02001	0.873453	0.871586	-1.14733	0.0321728	0.114914	-8.70217
cg22706866	HRNR	2.94E-06	3.22E-07	0.0575696	-17.3703	7.89E-07	0.078679	-12.7099	0.00014597	0.285311	-3.50495	0.340501	0.828218	-1.20741	0.0180905	0.576457	-1.73473
cg02737307	HRNR	1.08E-05	0.000618133	0.702122	-1.42425	0.0148507	0.817832	-1.22274	1.41E-05	0.544868	-1.83531	1.38E-06	0.437519	-2.28561	1.57E-05	0.54951	-1.8198
cg11344574	HRNR	0.000558087	9.60E-05	0.105256	-9.50067	0.000626243	0.181646	-5.50521	0.000255154	0.141739	-7.05524	0.00154562	0.228369	-4.37888	0.0190637	0.398383	-2.51014
cg26876637	HRNR	0.000730722	0.00255671	0.456316	-2.19146	0.000340479	0.338888	-2.95083	0.000242811	0.320496	-3.12017	0.692786	0.928247	-1.0773	0.0645457	0.677499	-1.47602
cg07252308	HRNR	0.000965337	0.000282771	0.079526	-12.5745	0.000184023	0.0674126	-14.834	0.00063233	0.106374	-9.40077	0.203883	0.56428	-1.77217	0.814021	0.904334	-1.10579
cg25272121	HRNR	0.00148134	0.000743681	0.345794	-2.89189	0.000652555	0.338316	-2.95582	0.000434916	0.315555	-3.16902	0.486307	0.863547	-1.15801	0.0715024	0.658754	-1.51802
cg26879891	HRNR	0.00159207	0.00698746	0.47409	-2.10931	0.00052077	0.314258	-3.1821	0.000225229	0.269099	-3.7161	0.0369998	0.595609	-1.67895	0.0360803	0.593618	-1.68459
cg16685662	HRNR	0.0138936	0.0130067	0.470873	-2.12371	0.0471936	0.574066	-1.74196	0.00945128	0.447604	-2.23412	0.978331	0.993384	-1.00666	0.093381	0.636968	-1.56994
cg26020982	HRNR	0.0182633	0.0201127	0.163837	-6.10363	0.00501265	0.0911373	-10.9725	0.0245768	0.177736	-5.62633	0.188894	0.407377	-2.45473	0.00945349	0.119808	-8.34667
cg18395189	HRNR	0.0196894	0.0241758	0.271626	-3.68154	0.0183776	0.249772	-4.00366	0.0125629	0.221989	-4.50472	0.120624	0.442085	-2.26201	0.0168327	0.243107	-4.11341
cg19088856	HRNR	0.023516	0.0329965	0.238961	-4.18478	0.00482525	0.11162	-8.95896	0.0114385	0.159213	-6.28091	0.114337	0.377383	-2.64983	0.0715487	0.317734	-3.14729
cg20662018	HRSP12	0.00325319	0.00408597	0.527122	-1.89709	0.0603625	0.70331	-1.42185	0.00107737	0.448288	-2.23071	0.00116862	0.452984	-2.20758	0.00215218	0.488713	-2.04619
cg11665564	HS1BP3	0.000237786	0.0138264	0.337194	-2.96565	0.753009	1.1194	1.1194	0.321697	1.44168	1.44168	0.0632679	0.474086	-2.10932	0.00233674	0.219102	-4.56408
cg27416435	HS1BP3	0.00678512	0.548817	0.910528	-1.09826	0.0134535	1.60445	1.60445	0.0484592	1.4167	1.4167	0.0857251	0.745695	-1.34103	0.0525633	0.711391	-1.4057
cg17858005	HS1BP3	0.0199641	0.405219	1.07048	1.07048	0.772063	0.977039	-1.0235	0.585369	0.9569	-1.04504	0.346968	0.925475	-1.08053	0.206754	1.11236	1.11236
cg26630048	HS1BP3	0.0255259	0.43476	1.07808	1.07808	0.300907	1.10642	1.10642	0.629263	0.955144	-1.04696	0.709778	1.0359	1.0359	0.362873	1.09224	1.09224
cg03420245	HS2ST1;HS2ST1	0.00869344	0.364149	1.25342	1.25342	0.000893173	0.299708	-3.33658	0.00137146	0.324747	-3.07932	0.718423	1.09166	1.09166	0.823515	1.05559	1.05559
cg17907457	HS2ST1;HS2ST1	0.0336516	0.0184223	0.220257	-4.54015	0.0116996	0.188851	-5.29518	0.0574181	0.320726	-3.11792	0.0873239	0.368325	-2.71499	0.0215619	0.232159	-4.30739
cg24402755	HS2ST1;HS2ST1;SEP15;SEP15	0.0102623	0.244757	0.816704	-1.22443	0.0637754	1.41448	1.41448	0.974846	1.00526	1.00526	0.00319078	0.511708	-1.95424	0.00849557	0.571795	-1.74888
cg17600680	HS2ST1;HS2ST1;SEP15;SEP15	0.028088	0.141279	0.820132	-1.21932	0.501596	1.08925	1.08925	0.0480677	1.32739	1.32739	0.0735628	1.28408	1.28408	0.309637	0.876532	-1.14086
cg24431872	HS3ST1	0.000134744	0.836807	1.04471	1.04471	0.906828	0.975476	-1.02514	0.963083	1.00986	1.00986	0.474001	0.856913	-1.16698	0.110908	0.691897	-1.4453
cg07529260	HS3ST1	0.000147345	0.00347414	0.736855	-1.35712	0.133425	1.13273	1.13273	0.000788904	1.47781	1.47781	0.00246072	0.723078	-1.38298	0.376423	0.932506	-1.07238
cg24093763	HS3ST1	0.00332641	0.0144836	0.591206	-1.69146	0.869899	1.02901	1.02901	0.0156409	1.67701	1.67701	0.150469	1.3085	1.3085	0.0401375	0.661174	-1.51246
cg14069049	HS3ST1	0.00461166	0.384023	1.09473	1.09473	0.121126	1.18581	1.18581	0.0276272	1.30222	1.30222	0.970768	0.996291	-1.00372	0.170093	0.862289	-1.1597
cg23399441	HS3ST1	0.0100166	0.910251	1.01261	1.01261	0.0218029	0.736367	-1.35802	0.2217	1.15348	1.15348	0.266744	1.13727	1.13727	0.799651	0.972125	-1.02867
cg01756381	HS3ST1	0.0109704	0.190152	0.819961	-1.21957	0.21902	0.831163	-1.20313	0.0434282	0.717298	-1.39412	0.0859517	0.762264	-1.31188	0.326484	0.865087	-1.15595
cg17997641	HS3ST1	0.0227991	0.942444	1.01312	1.01312	0.107503	1.37328	1.37328	0.00272451	0.473629	-2.11136	0.945274	1.01247	1.01247	0.341131	1.19379	1.19379
cg20075156	HS3ST1	0.048975	0.567683	1.32194	1.32194	0.0287287	0.278711	-3.58794	0.0731569	0.375085	-2.66606	0.0230117	0.259352	-3.85577	0.761625	1.15816	1.15816
cg24080577	HS3ST1;HS3ST1	0.0213554	0.548152	0.844882	-1.1836	0.498698	1.20986	1.20986	0.14352	1.5465	1.5465	0.208849	0.692483	-1.44408	0.000410638	0.210946	-4.74056
cg26579145	HS3ST2	3.26E-06	5.34E-05	0.188317	-5.3102	2.27E-06	0.0775726	-12.8912	5.87E-06	0.10489	-9.5338	0.00327131	0.411557	-2.4298	2.52E-06	0.0803179	-12.4505
cg03504310	HS3ST2	2.18E-05	0.00490615	0.47872	-2.08891	0.0371419	0.619906	-1.61315	1.29E-05	0.163605	-6.1123	0.00324714	0.452374	-2.21056	0.000134268	0.270525	-3.69651
cg03033688	HS3ST2	0.000129854	2.59E-05	0.18398	-5.43537	0.00106512	0.374333	-2.67142	0.398144	1.19212	1.19212	0.512171	1.14458	1.14458	0.344457	1.21874	1.21874
cg16399049	HS3ST2	0.000146211	0.806978	0.971822	-1.02899	0.249936	1.15072	1.15072	0.19054	0.850565	-1.17569	0.112804	1.22329	1.22329	0.285528	0.87852	-1.13828
cg05970721	HS3ST2	0.000165526	0.483939	0.842733	-1.18662	0.173162	0.705649	-1.41714	2.52E-05	0.133671	-7.48108	0.80304	1.06195	1.06195	2.17E-05	0.128199	-7.80039
cg03094620	HS3ST2	0.000333447	0.640527	0.883168	-1.13229	0.0588045	1.75739	1.75739	0.00955868	0.420239	-2.3796	0.000614168	0.248199	-4.02903	0.000654034	0.251577	-3.97492
cg16508627	HS3ST2	0.00121112	0.19779	0.840201	-1.19019	0.776447	1.03708	1.03708	3.92E-05	0.36539	-2.7368	0.346484	0.88338	-1.13202	0.0364448	0.732711	-1.36479
cg01574663	HS3ST2	0.00172884	0.203691	0.898151	-1.1134	0.0869148	0.859528	-1.16343	0.000505842	1.54521	1.54521	0.101041	1.15464	1.15464	0.163592	1.12641	1.12641
cg05218362	HS3ST2	0.0019772	0.00850415	0.595316	-1.67978	0.00312649	0.535783	-1.86643	0.00202453	0.510526	-1.95876	0.109275	0.763625	-1.30954	0.018326	0.642688	-1.55597
cg10180297	HS3ST2	0.00229412	0.577777	0.865062	-1.15599	0.00256714	0.340332	-2.9383	0.0489647	0.560174	-1.78516	0.276891	0.747121	-1.33847	0.00197112	0.323913	-3.08725
cg01555981	HS3ST2	0.00665883	0.148749	0.860006	-1.16278	0.062415	0.815266	-1.22659	0.0218021	1.30747	1.30747	0.0323336	0.783448	-1.27641	0.242348	0.887666	-1.12655
cg04718102	HS3ST2	0.00809215	0.368935	0.813207	-1.2297	0.0681453	0.632746	-1.58041	0.000695513	0.313684	-3.18792	0.193352	0.73461	-1.36127	0.0546986	0.61366	-1.62957
cg27324785	HS3ST2	0.00918675	0.715597	1.06899	1.06899	0.565473	1.11175	1.11175	0.106159	0.724888	-1.37952	0.00188653	0.447883	-2.23273	0.000502332	0.370826	-2.69668
cg04687409	HS3ST2	0.00983685	0.241021	0.485628	-2.05919	0.0244553	0.20647	-4.84331	0.00685906	0.127399	-7.84934	0.808307	1.15378	1.15378	0.0160636	0.176576	-5.66327
cg03132773	HS3ST2	0.0177565	0.766548	0.936536	-1.06776	0.0264242	1.78542	1.78542	0.0182239	1.87987	1.87987	0.0468485	0.605859	-1.65055	0.18942	0.736293	-1.35815
cg19064258	HS3ST2	0.0185562	0.306967	0.823103	-1.21492	0.0127379	1.76779	1.76779	0.12743	1.35447	1.35447	0.719714	1.06858	1.06858	0.433801	0.863282	-1.15837
cg05764691	HS3ST2	0.0195914	0.0877367	0.54661	-1.82946	0.286056	0.701118	-1.42629	0.000765398	0.19522	-5.12242	0.0179758	0.397965	-2.51278	0.0914888	0.551237	-1.8141
cg03713642	HS3ST2	0.0275801	0.0441485	0.454976	-2.19792	0.0339194	2.32408	2.32408	0.36539	1.37263	1.37263	0.268393	1.48083	1.48083	0.0112317	0.338973	-2.95008
cg03757784	HS3ST2	0.0452721	0.427544	1.2437	1.2437	0.00109925	3.65373	3.65373	0.639792	1.1353	1.1353	0.936742	1.0216	1.0216	0.944117	1.01905	1.01905
cg18255166	HS3ST3A1	9.35E-05	0.367154	1.13062	1.13062	0.0295935	0.712185	-1.40413	0.0168361	1.47181	1.47181	0.163519	0.821144	-1.21781	0.955308	0.992601	-1.00745
cg04211115	HS3ST3A1	0.000124557	0.127664	1.31434	1.31434	0.645975	1.07978	1.07978	0.000970976	2.25838	2.25838	0.851973	1.03148	1.03148	0.501774	1.11978	1.11978
cg02568806	HS3ST3A1	0.000541021	0.241149	0.863294	-1.15835	0.000178917	2.13891	2.13891	0.00118308	0.565636	-1.76792	0.00241532	0.602795	-1.65894	0.825722	0.973926	-1.02677
cg17077641	HS3ST3A1	0.00101756	0.251752	0.745113	-1.34208	0.145013	1.46903	1.46903	0.73492	0.919882	-1.0871	0.647716	0.893106	-1.11969	0.000186861	0.212332	-4.7096
cg04591843	HS3ST3A1	0.0019786	0.0688026	0.318062	-3.14404	0.0327802	0.245431	-4.07446	0.596718	0.74056	-1.35033	0.00948779	0.157467	-6.35054	0.108163	0.373131	-2.68003
cg12503102	HS3ST3A1	0.00478335	0.119803	0.712331	-1.40384	0.0204754	1.75287	1.75287	0.383823	0.835708	-1.19659	0.230211	0.776468	-1.28788	0.0543653	0.644831	-1.55079
cg24043594	HS3ST3A1	0.00600894	0.103943	0.626339	-1.59658	0.150072	0.666293	-1.50084	0.10459	0.626986	-1.59493	0.000434369	0.231352	-4.32241	0.00566897	0.384791	-2.59881
cg27260984	HS3ST3A1	0.00825947	0.224298	0.709401	-1.40964	0.0214913	0.475751	-2.10194	0.00313284	0.337426	-2.96361	0.605896	0.869375	-1.15025	0.107901	1.60292	1.60292
cg19298225	HS3ST3A1	0.00836157	0.00984152	2.34314	2.34314	0.00180525	3.18418	3.18418	0.567176	0.859889	-1.16294	0.341611	1.29142	1.29142	0.00931052	2.36545	2.36545
cg02400773	HS3ST3A1	0.00981045	0.0996281	0.261874	-3.81863	0.00402898	0.056801	-17.6053	0.0337435	0.158679	-6.30203	0.0909882	0.251001	-3.98405	0.0935388	0.254261	-3.93296
cg15526469	HS3ST3A1	0.0241918	0.0151201	1.91397	1.91397	0.0279951	1.75867	1.75867	0.374252	1.21938	1.21938	0.2416	0.766009	-1.30547	0.484509	0.85685	-1.16707
cg14236618	HS3ST3A1	0.0284056	0.0655276	0.666053	-1.50138	0.00252646	0.438538	-2.2803	0.640544	0.911687	-1.09687	0.139747	0.731677	-1.36672	0.330715	0.820923	-1.21814
cg09174601	HS3ST3A1	0.0304041	0.308016	1.35016	1.35016	0.496328	0.821577	-1.21717	0.428142	0.794394	-1.25882	0.824712	1.06515	1.06515	0.209878	0.686599	-1.45645
cg07480567	HS3ST3A1;HS3ST3A1	0.00583353	0.381357	0.86774	-1.15242	0.435227	1.13404	1.13404	0.218212	1.22708	1.22708	0.754407	0.951625	-1.05083	0.57058	1.0948	1.0948
cg01971137	HS3ST3B1	2.93E-08	0.131581	0.722026	-1.38499	1.32E-08	87.7789	87.7789	1.52E-06	11.4102	11.4102	0.22753	1.28848	1.28848	0.00748774	0.502159	-1.9914
cg09172659	HS3ST3B1	3.54E-06	?	?	?	3.56E-07	7.32562	7.32562	0.00041457	2.13712	2.13712	0.0141715	0.663445	-1.50728	?	?	?
cg13553400	HS3ST3B1	4.69E-06	0.812412	0.975807	-1.02479	0.0110018	1.38904	1.38904	0.40219	0.915468	-1.09234	0.0792118	0.818124	-1.22231	6.08E-07	0.243639	-4.10443
cg15641446	HS3ST3B1	3.54E-05	0.281854	0.65807	-1.5196	3.53E-05	19.8481	19.8481	0.000313006	8.90388	8.90388	0.496563	1.29471	1.29471	0.263913	0.646801	-1.54607
cg11351809	HS3ST3B1	0.00044787	0.502425	1.16406	1.16406	0.00142684	2.80017	2.80017	0.000476264	3.40152	3.40152	0.0175638	1.90585	1.90585	0.14779	0.707104	-1.41422
cg04665588	HS3ST3B1	0.000596176	0.0672686	0.657438	-1.52106	0.00577038	2.09554	2.09554	0.0746938	1.50088	1.50088	0.0659232	0.655749	-1.52497	0.000376406	0.312678	-3.19818
cg20610619	HS3ST3B1	0.00163671	0.0022523	0.661247	-1.51229	0.0191453	1.31555	1.31555	0.0217398	0.766062	-1.30538	0.519957	1.06513	1.06513	0.686692	1.04001	1.04001
cg12484686	HS3ST3B1	0.00239411	0.000475224	0.2889	-3.4614	0.924495	0.978777	-1.02168	0.349509	1.2435	1.2435	0.000616965	0.303351	-3.29651	0.0300502	0.561333	-1.78147
cg12103626	HS3ST3B1	0.00246359	0.227362	1.15395	1.15395	0.160928	0.844344	-1.18435	0.000534491	0.543939	-1.83844	0.0070503	1.48218	1.48218	0.00291225	1.58762	1.58762
cg11583981	HS3ST3B1	0.00854305	0.581852	1.3009	1.3009	0.340665	1.5911	1.5911	0.526132	0.738002	-1.35501	0.00587632	0.181764	-5.50165	0.949818	0.970671	-1.03022
cg25516022	HS3ST3B1	0.0149988	0.520258	1.13115	1.13115	0.0813964	1.44086	1.44086	0.00426419	0.485282	-2.06066	0.0641979	1.48177	1.48177	0.257327	0.799699	-1.25047
cg00266715	HS3ST3B1	0.0153999	0.288561	0.812526	-1.23073	0.680431	1.08117	1.08117	0.745271	1.06335	1.06335	0.154399	0.750313	-1.33278	0.0221847	0.596494	-1.67646
cg12052658	HS3ST3B1	0.0161987	0.254571	0.631148	-1.58442	0.10683	1.97604	1.97604	0.364953	0.697585	-1.43352	0.768073	1.1212	1.1212	0.014737	0.313118	-3.19368
cg00437360	HS3ST3B1	0.0230612	0.0251097	3.92135	3.92135	0.00372621	7.45803	7.45803	0.0539247	3.07191	3.07191	0.411598	0.65011	-1.5382	0.235176	1.89299	1.89299
cg20358362	HS3ST3B1	0.0263931	0.0734269	0.726297	-1.37685	0.0154516	0.621241	-1.60968	0.245737	1.21471	1.21471	0.493921	1.11773	1.11773	0.595254	1.0897	1.0897
cg19814946	HS3ST3B1	0.0271388	0.353956	0.873622	-1.14466	0.575438	1.08346	1.08346	0.0369463	1.40955	1.40955	0.284536	1.17057	1.17057	0.102082	1.28852	1.28852
cg25181144	HS3ST3B1	0.0357531	0.0305318	0.232498	-4.30111	0.162063	0.424505	-2.35569	0.0832638	0.332696	-3.00575	0.0302821	0.231815	-4.31378	0.00993891	0.154298	-6.48096
cg20731875	HS3ST3B1;MGC12916	0.000809365	0.00822997	2.85769	2.85769	0.000357429	5.92768	5.92768	0.000182724	7.13763	7.13763	0.256978	1.44415	1.44415	0.165342	1.58357	1.58357
cg17863312	HS3ST3B1;MGC12916	0.00247106	0.0477442	2.61912	2.61912	0.000493045	10.1832	10.1832	0.000832926	8.49439	8.49439	0.0483923	2.60982	2.60982	0.787174	1.12199	1.12199
cg20152539	HS3ST3B1;MGC12916	0.0032079	0.00152535	16.5006	16.5006	0.0122619	6.79761	6.79761	0.0115732	6.95554	6.95554	0.612762	1.36828	1.36828	0.420117	1.65869	1.65869
cg24895178	HS3ST3B1;MGC12916	0.00368292	0.30411	1.58626	1.58626	0.00212042	6.50465	6.50465	0.000535934	10.332	10.332	0.311075	1.57511	1.57511	0.477771	0.731335	-1.36736
cg03832440	HS3ST3B1;MGC12916	0.0038259	0.00119316	6.84187	6.84187	0.0165051	3.27391	3.27391	0.00113237	6.95416	6.95416	0.673025	1.1875	1.1875	0.0718899	2.25583	2.25583
cg26572811	HS3ST3B1;MGC12916	0.00485138	0.00199726	5.53925	5.53925	0.0309854	2.70099	2.70099	0.019486	3.02788	3.02788	0.130893	1.89637	1.89637	0.285405	1.54543	1.54543
cg06005844	HS3ST3B1;MGC12916	0.0059802	0.00109416	5.88363	5.88363	0.0153181	2.99011	2.99011	0.0341528	2.48321	2.48321	0.3765	1.39644	1.39644	0.144101	1.78139	1.78139
cg14016875	HS3ST3B1;MGC12916	0.00732329	0.00126947	24.5566	24.5566	0.0524678	4.48674	4.48674	0.0146693	7.73117	7.73117	0.282954	2.1371	2.1371	0.0569112	4.33514	4.33514
cg27369542	HS3ST3B1;MGC12916	0.00819855	0.00311201	5.14033	5.14033	0.0207682	3.08593	3.08593	0.00343654	4.99694	4.99694	0.41904	0.715867	-1.39691	0.181391	1.77601	1.77601
cg26418770	HS3ST3B1;MGC12916	0.017819	0.00466567	4.16795	4.16795	0.0121681	3.27272	3.27272	0.0206312	2.87991	2.87991	0.751028	1.12838	1.12838	0.498336	1.298	1.298
cg13855261	HS3ST3B1;MGC12916	0.033334	0.00318491	3.75154	3.75154	0.405078	1.32266	1.32266	0.339386	0.723791	-1.38161	0.389057	0.748437	-1.33612	0.640391	0.856887	-1.16701
cg13443605	HS3ST3B1;MGC12916	0.0335593	0.0105741	29.8133	29.8133	0.162913	4.81844	4.81844	0.0617665	9.21646	9.21646	0.939804	0.923363	-1.083	0.866496	1.19438	1.19438
cg03884018	HS3ST4	1.06E-06	0.000275353	0.373617	-2.67654	0.290547	0.834186	-1.19877	2.08E-06	0.145092	-6.89217	0.739505	1.05671	1.05671	9.02E-08	0.0552917	-18.0859
cg27534317	HS3ST4	2.94E-06	3.82E-05	0.334293	-2.99139	9.78E-06	0.267328	-3.74073	0.0252001	0.691248	-1.44666	0.885086	1.02026	1.02026	8.95E-08	0.0878373	-11.3847
cg10311610	HS3ST4	3.10E-06	7.79E-06	3.42756	3.42756	1.12E-06	4.91168	4.91168	0.0104579	1.49921	1.49921	0.8815	1.01892	1.01892	0.296067	1.14583	1.14583
cg24862668	HS3ST4	7.53E-06	1.22E-05	3.27101	3.27101	2.30E-06	4.39245	4.39245	0.0168153	1.45445	1.45445	0.0395398	1.35762	1.35762	0.579247	1.07457	1.07457
cg01387157	HS3ST4	1.09E-05	0.00083808	0.545893	-1.83186	0.000520116	0.521043	-1.91923	0.000532489	0.522267	-1.91473	0.00215983	1.67989	1.67989	2.30E-06	0.249497	-4.00807
cg02594607	HS3ST4	1.89E-05	2.93E-05	0.067822	-14.7445	0.00133903	0.216368	-4.62175	1.93E-05	0.0578797	-17.2772	0.0519224	0.483719	-2.06732	1.64E-06	0.0191269	-52.2822
cg02390209	HS3ST4	1.93E-05	0.000337506	3.16949	3.16949	0.000864638	2.71355	2.71355	0.00778877	1.97797	1.97797	9.46E-05	4.00958	4.00958	0.731032	1.07132	1.07132
cg01421548	HS3ST4	2.55E-05	0.607092	0.885861	-1.12885	1.05E-05	9.04082	9.04082	0.00635117	2.29355	2.29355	0.374158	0.808037	-1.23757	0.000163169	0.2225	-4.49437
cg26725397	HS3ST4	5.53E-05	0.0452062	0.561887	-1.77972	3.99E-05	0.139447	-7.17116	7.02E-05	0.161979	-6.17363	0.0321182	0.532705	-1.87721	1.06E-05	0.0943396	-10.6
cg05037662	HS3ST4	6.48E-05	0.00260489	2.26694	2.26694	0.000166125	3.52136	3.52136	0.0966871	1.43025	1.43025	0.301925	1.23351	1.23351	0.943971	1.01389	1.01389
cg06678567	HS3ST4	6.94E-05	9.44E-06	0.0469621	-21.2938	0.00328829	0.277474	-3.60394	0.0113116	0.362282	-2.76028	0.815885	0.92806	-1.07752	3.28E-05	0.0755854	-13.2301
cg16355550	HS3ST4	8.68E-05	0.0140432	0.390194	-2.56283	1.20E-05	0.0567093	-17.6338	0.00105618	0.222408	-4.49623	0.0798713	1.82789	1.82789	8.93E-05	0.113458	-8.81386
cg07068358	HS3ST4	0.000499811	0.00190482	0.197806	-5.05547	8.58E-06	0.0282701	-35.3731	0.189461	0.599226	-1.66882	0.0887428	0.500697	-1.99722	0.00940469	0.297295	-3.36366
cg27312986	HS3ST4	0.000546299	0.0208838	1.69825	1.69825	0.00205352	0.437213	-2.28721	0.0577415	0.664484	-1.50493	0.972792	0.993524	-1.00652	0.214594	0.77967	-1.28259
cg01353586	HS3ST4	0.00114842	0.844011	1.0487	1.0487	0.00114214	0.315186	-3.17272	0.00130239	0.322928	-3.09667	0.000455348	3.79287	3.79287	0.360845	0.797125	-1.25451
cg26933063	HS3ST4	0.00268144	0.0421147	2.69808	2.69808	0.958249	0.978054	-1.02244	0.821441	0.908631	-1.10056	0.461251	0.727651	-1.37429	0.000253614	0.0776398	-12.88
cg08494150	HS3ST4	0.00272711	0.842617	0.972963	-1.02779	0.00402524	0.586995	-1.70359	0.0268482	0.6966	-1.43554	0.0800837	1.30701	1.30701	0.000758397	0.494693	-2.02145
cg01595325	HS3ST4	0.00291936	0.00553141	0.137951	-7.24896	0.000533496	0.0534581	-18.7062	0.0112601	0.17818	-5.61231	0.106416	0.383708	-2.60615	0.0031678	0.111881	-8.9381
cg09250965	HS3ST4	0.00321	0.00395131	0.0730648	-13.6865	0.0145985	0.131356	-7.6129	0.00524894	0.0833517	-11.9974	0.613871	0.709372	-1.4097	0.00166458	0.0480392	-20.8164
cg26464945	HS3ST4	0.00366328	0.0484662	0.399474	-2.50329	0.000999822	0.136848	-7.30735	0.00334016	0.196772	-5.08203	0.33616	1.49729	1.49729	0.00112844	0.142175	-7.03357
cg07807497	HS3ST4	0.00524011	0.00618166	0.11682	-8.5602	0.00172773	0.0680203	-14.7015	0.00555845	0.111887	-8.93758	0.699423	0.791929	-1.26274	0.00398806	0.0975739	-10.2486
cg06288900	HS3ST4	0.0152708	0.0187102	0.110737	-9.03039	0.0141359	0.0964644	-10.3665	0.0173526	0.106724	-9.36995	0.0829575	0.227052	-4.40428	0.00502707	0.0569363	-17.5635
cg26734696	HS3ST4	0.0226948	0.00464922	40.7932	40.7932	0.237761	3.22623	3.22623	0.609527	1.62424	1.62424	0.626837	0.630476	-1.5861	0.772264	0.761091	-1.3139
cg08341079	HS3ST4	0.0263544	0.019894	0.148727	-6.72372	0.00885529	0.10446	-9.57308	0.0154862	0.133518	-7.48963	0.18253	0.383224	-2.60944	0.00434662	0.0755001	-13.245
cg06383709	HS3ST4	0.0370199	0.0160451	0.0721745	-13.8553	0.101895	0.202508	-4.93807	0.143098	0.245698	-4.07003	0.346677	0.421336	-2.3734	0.0163014	0.0728275	-13.7311
cg27014135	HS3ST4;HS3ST4	0.000824252	0.000118067	35.6859	35.6859	0.816449	0.893894	-1.1187	0.720197	1.18956	1.18956	?	?	?	0.0441669	0.319889	-3.12609
cg18192491	HS3ST5	0.00275356	0.00593071	0.391748	-2.55266	0.0983056	1.60343	1.60343	0.00524294	0.383322	-2.60878	0.0181633	0.47382	-2.11051	0.00367164	0.359582	-2.78101
cg06694119	HS3ST5	0.00966862	0.411533	1.18936	1.18936	0.00186993	0.402065	-2.48716	0.00772286	0.493236	-2.02743	0.229378	0.770679	-1.29756	0.795751	0.947837	-1.05503
cg05620415	HS3ST6	5.04E-05	0.405088	1.12858	1.12858	0.964748	0.993744	-1.0063	0.685067	0.943748	-1.05961	0.000645381	0.47554	-2.10287	1.85E-05	0.289794	-3.45073
cg03594246	HS3ST6	0.000435265	0.897914	1.01971	1.01971	0.549488	1.09645	1.09645	1.18E-05	4.09424	4.09424	0.0932092	0.755199	-1.32415	0.843024	1.0306	1.0306
cg01618130	HS3ST6	0.00053713	0.978917	0.998435	-1.00157	0.0344449	0.864025	-1.15737	0.0134586	0.834188	-1.19877	0.237706	1.07604	1.07604	0.412149	1.05094	1.05094
cg05417127	HS3ST6	0.001693	0.563158	0.895728	-1.11641	0.419576	0.856103	-1.16808	0.164504	1.32234	1.32234	0.0952948	1.41236	1.41236	0.0828964	0.696455	-1.43584
cg09713475	HS3ST6	0.00422873	0.261678	1.38792	1.38792	0.0177372	0.445956	-2.24237	0.00135238	0.271596	-3.68194	0.809695	1.0699	1.0699	0.000278501	0.189122	-5.28759
cg03282439	HS3ST6	0.0123415	0.000219182	20.1531	20.1531	0.744544	1.1728	1.1728	0.920596	0.952553	-1.04981	0.857629	0.916179	-1.09149	0.0920334	0.40488	-2.46987
cg05853656	HS3ST6	0.0230187	0.24884	0.755503	-1.32362	0.0859695	0.643171	-1.5548	0.0541732	0.601517	-1.66246	0.309431	1.27719	1.27719	0.177625	0.716597	-1.39548
cg14936269	HS3ST6	0.0290923	0.387601	1.20054	1.20054	0.0552277	1.56606	1.56606	0.316361	1.23838	1.23838	0.299452	1.24851	1.24851	0.789278	0.946216	-1.05684
cg01473336	HS3ST6	0.0348642	0.204131	0.90322	-1.10715	0.548704	1.04717	1.04717	0.258907	1.09359	1.09359	0.087781	1.15387	1.15387	0.104562	1.14425	1.14425
cg18891915	HS3ST6	0.0444458	0.17951	0.734612	-1.36126	0.0311408	0.578573	-1.72839	0.151929	0.717455	-1.39382	0.901358	1.02719	1.02719	0.770224	0.938608	-1.06541

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04115702	0.275397	0.411268	-2.4315	0.00435231	0.0506326	-19.7501	0.329749	0.454955	-2.19802	0.0624214	0.193561	-5.16634	3.59521	34.9115	8.6316	1
cg19391924	0.691941	1.43818	1.43818	0.00265545	0.0225288	-44.3876	0.632204	1.5527	1.5527	0.313202	0.386045	-2.59037	3.58659	47.292	11.7207	1
cg17018839	0.348032	0.675626	-1.48011	0.00230731	0.177616	-5.63013	0.195674	1.7426	1.7426	0.141724	0.526652	-1.89879	3.56851	9.30874	2.31874	1
cg17531849	0.167782	4.55511	4.55511	0.0988045	0.15464	-6.46664	0.0187357	18.8772	18.8772	0.0630145	8.64406	8.64406	3.56645	60.0808	14.9743	1
cg15838142	0.141471	0.495789	-2.01699	0.00178449	0.139038	-7.19229	0.136755	0.491004	-2.03664	0.23861	0.578281	-1.72926	3.55277	11.0794	2.77201	1
cg14492599	0.106239	0.131914	-7.58071	0.00358548	0.01079	-92.6783	0.777259	1.38495	1.38495	0.117244	0.141741	-7.05513	3.54914	74.1118	18.5614	1
cg04519462	0.0547747	0.464975	-2.15065	0.00415952	0.259179	-3.85834	0.0110442	0.326123	-3.06633	0.440853	0.758587	-1.31824	3.53778	6.92368	1.73962	1
cg09840665	0.351321	0.703885	-1.42069	0.583658	0.8166	-1.22459	0.28945	0.668639	-1.49558	0.287082	0.667214	-1.49877	3.51891	7.46833	1.88653	1
cg03250870	0.0381308	5.07123	5.07123	0.513274	0.638983	-1.56499	0.0190934	6.79573	6.79573	0.0751879	3.81301	3.81301	3.51739	25.4222	6.4245	1
cg24096120	0.226725	0.385439	-2.59444	0.00128697	0.029473	-33.9294	0.29775	0.444491	-2.24977	0.0613443	0.205262	-4.87182	3.51274	31.3909	7.94338	1
cg24849091	0.2102	0.581019	-1.72111	0.00178064	0.160574	-6.22767	0.405873	0.704921	-1.4186	0.110718	0.48937	-2.04344	3.50375	9.38294	2.38042	1
cg08504407	0.700724	1.17602	1.17602	0.0735883	0.432818	-2.31044	0.122155	2.02055	2.02055	0.413567	1.42039	1.42039	3.40225	9.49763	2.48139	1
cg06331899	0.860003	0.858797	-1.16442	0.0027106	0.0281081	-35.5769	0.877529	0.87549	-1.14222	0.0931186	0.203348	-4.91767	3.39646	39.995	10.4671	1
cg22706866	0.861902	0.967144	-1.03397	0.26792	1.24786	1.24786	0.00187022	0.428917	-2.33145	5.60E-06	0.140036	-7.14102	55.6294	32.4368	0.5183	1
cg02737307	0.263989	0.924837	-1.08127	0.000931162	1.39327	1.39327	0.00619874	0.787013	-1.27063	0.0101926	0.804598	-1.24286	39.8049	2.83913	0.0634011	1
cg11344574	0.052375	0.488924	-2.04531	0.544453	1.22013	1.22013	0.00847823	0.33625	-2.97397	0.00614074	0.313618	-3.18859	13.8607	23.0913	1.48085	1
cg26876637	0.0126383	0.559154	-1.78841	0.000119142	0.283084	-3.53252	0.234282	0.791525	-1.26338	0.0277389	0.613939	-1.62883	12.8552	7.15861	0.494992	1
cg07252308	0.1161	0.482526	-2.07243	0.6902	1.18644	1.18644	0.00660637	0.222084	-4.50279	0.00727402	0.228261	-4.38095	11.8848	34.2732	2.56338	1
cg25272121	0.00321288	0.434297	-2.30257	0.0278567	0.58331	-1.71436	0.0566119	0.639199	-1.56446	0.00176919	0.397142	-2.51799	10.5174	7.16458	0.605522	1
cg26879891	0.0014769	0.374776	-2.66826	0.882507	0.968858	-1.03214	0.234112	0.765794	-1.30583	0.00555629	0.458714	-2.18001	10.3012	7.4668	0.64431	1
cg16685662	0.00827902	0.438177	-2.28218	0.0499712	1.72691	1.72691	0.106508	0.650022	-1.53841	0.0347648	0.548023	-1.82474	5.31319	5.02627	0.840888	1
cg26020982	0.0163753	0.150616	-6.63941	0.0159349	0.148937	-6.71426	0.0192393	0.160896	-6.2152	0.159153	0.378792	-2.63997	4.85136	31.9804	5.8596	1
cg18395189	0.0116558	0.216836	-4.61177	0.0746637	0.381821	-2.61903	0.0272123	0.281572	-3.55149	0.00686849	0.183195	-5.45867	4.72963	17.6116	3.30993	1
cg19088856	0.017624	0.18851	-5.30476	0.640181	0.768017	-1.30206	0.0518983	0.282474	-3.54015	0.00640622	0.125796	-7.94935	4.93531	23.9989	3.7821	1
cg20662018	0.425983	0.873646	-1.14463	0.40311	1.15278	1.15278	0.632118	1.08345	1.08345	0.368844	0.857813	-1.16576	8.35431	3.65348	0.388726	1
cg11665564	0.00638053	0.281306	-3.55484	6.74E-06	0.0281014	-35.5855	0.0378319	2.36437	2.36437	0.384264	1.37543	1.37543	17.5275	35.4414	1.79738	1
cg27416435	0.0265673	0.666204	-1.50104	0.0462467	1.42307	1.42307	0.0166192	1.57129	1.57129	0.0267592	0.666668	-1.5	6.67967	2.52544	0.336069	1
cg17858005	0.40872	1.06991	1.06991	0.000508188	0.647696	-1.54393	0.609118	1.04211	1.04211	0.20083	1.1141	1.1141	4.70744	0.476818	0.0900358	1
cg26630048	0.00803093	1.3777	1.3777	0.00089194	1.59909	1.59909	0.687102	0.962519	-1.03894	0.770942	1.02792	1.02792	4.32576	0.609776	0.125301	1
cg03420245	0.624334	1.12699	1.12699	0.268433	1.32206	1.32206	0.681617	1.10508	1.10508	0.537427	0.859632	-1.16329	6.17988	5.74204	0.825911	1
cg17907457	0.0307881	0.261275	-3.82738	0.0136301	0.198954	-5.02628	0.0417963	0.288947	-3.46085	0.233081	0.516033	-1.93786	3.92237	17.3924	3.94147	1
cg24402755	0.580745	1.09727	1.09727	0.197987	1.25409	1.25409	0.16145	1.28253	1.28253	0.0266701	1.54811	1.54811	5.86183	2.57073	0.389825	1
cg17600680	0.00297483	0.599963	-1.66677	0.162673	0.829599	-1.2054	0.518848	0.921296	-1.08543	0.731116	1.04419	1.04419	4.18315	1.04085	0.221174	1
cg24431872	0.663434	1.0973	1.0973	1.07E-06	0.067247	-14.8705	0.723587	1.07821	1.07821	0.662669	1.09755	1.09755	20.4387	14.5573	0.633104	1
cg07529260	0.497992	0.948414	-1.05439	0.0867131	0.864452	-1.1568	7.21E-06	0.46641	-2.14404	0.412754	0.937566	-1.06659	19.9527	1.87293	0.0834386	1
cg24093763	0.236034	1.24189	1.24189	0.00129473	0.441428	-2.26537	0.105299	0.734366	-1.36172	0.00324463	0.496395	-2.01453	8.29903	4.00057	0.428492	1
cg14069049	0.803258	0.975006	-1.02563	0.00992808	0.718746	-1.39131	0.000365771	0.56052	-1.78406	0.154324	1.16721	1.16721	7.52154	1.22483	0.144749	1
cg23399441	0.428254	0.914018	-1.09407	0.000870406	1.74244	1.74244	0.0840391	0.808552	-1.23678	0.0488947	0.778797	-1.28403	5.90748	1.15621	0.173973	1
cg01756381	0.0188923	0.665794	-1.50197	0.00129246	0.51133	-1.95568	0.829119	1.0314	1.0314	0.0174265	1.51301	1.51301	5.73749	1.85972	0.288119	1
cg17997641	0.0399131	1.53552	1.53552	0.626669	1.09255	1.09255	0.0293497	0.62911	-1.58955	0.455025	1.14729	1.14729	4.49843	2.32319	0.459061	1
cg20075156	0.621048	1.27212	1.27212	?	?	?	0.992759	1.00439	1.00439	0.0381062	3.27721	3.27721	3.75768	12.0514	2.80624	1
cg24080577	0.664723	0.886074	-1.12857	0.378074	0.778131	-1.28513	0.554071	0.847035	-1.18059	0.99854	0.999493	-1.00051	4.60057	5.60608	1.08317	1
cg26579145	0.933987	0.981821	-1.01852	1.62E-06	0.0691066	-14.4704	1.50E-05	0.136871	-7.30614	0.000798084	0.325796	-3.0694	54.2044	42.106	0.69049	1
cg03504310	0.816335	0.955063	-1.04705	1.12E-06	0.0818862	-12.2121	0.811693	0.953929	-1.0483	0.000130639	0.269131	-3.71567	33.1201	20.4855	0.549797	1
cg03033688	0.0260394	0.58476	-1.7101	4.37E-05	0.207065	-4.8294	0.114336	1.41749	1.41749	0.000866852	0.362276	-2.76032	20.6429	13.4909	0.580923	1
cg16399049	0.364994	1.11481	1.11481	0.44714	0.913502	-1.09469	1.40E-06	4.20582	4.20582	0.0969167	1.23708	1.23708	19.9943	4.3173	0.191935	1
cg05970721	0.700899	0.911345	-1.09728	0.000182242	0.218191	-4.58313	0.0130411	0.476711	-2.09771	0.118216	0.664975	-1.50382	19.3362	17.718	0.8145	1
cg03094620	0.021594	0.482467	-2.07268	2.15E-05	0.104594	-9.56078	0.00957132	0.420335	-2.37905	0.0196689	0.475012	-2.10521	15.9804	17.6628	0.982468	1
cg16508627	0.0741818	1.2898	1.2898	0.987871	0.998058	-1.00195	0.00237133	0.581522	-1.71963	0.196333	1.19094	1.19094	11.1424	2.88701	0.230312	1
cg01574663	0.238928	1.10379	1.10379	0.00429187	0.736526	-1.35772	0.00110924	1.4693	1.4693	0.796138	0.979484	-1.02095	10.0587	1.02127	0.0902499	1
cg05218362	0.416042	0.879524	-1.13698	0.0360517	1.45725	1.45725	0.00236975	0.51964	-1.92441	0.032123	1.47351	1.47351	9.67416	3.65421	0.335759	1
cg10180297	0.499804	1.19312	1.19312	0.00128777	0.298395	-3.35126	0.727882	1.09422	1.09422	0.000441227	0.239183	-4.18091	9.26295	9.74871	0.935504	1
cg01555981	0.661773	1.0438	1.0438	0.00824639	1.38963	1.38963	0.00242035	1.50879	1.50879	0.505972	1.06793	1.06793	6.71881	1.00917	0.133512	1
cg04718102	0.905474	0.973733	-1.02698	0.00587848	0.445874	-2.24279	0.0736837	0.639691	-1.56326	0.00200456	0.376402	-2.65673	6.32132	5.02657	0.706825	1
cg27324785	0.95274	0.989252	-1.01087	0.893014	0.975764	-1.02484	0.327284	0.831615	-1.20248	0.799316	1.04755	1.04755	6.07264	3.19743	0.468027	1
cg04687409	0.332167	0.55501	-1.80177	0.00139477	0.0655337	-15.2593	0.0116621	0.156443	-6.39211	0.01073	0.151544	-6.59876	5.94178	32.5916	4.8757	1
cg03132773	0.0990892	0.671539	-1.48912	0.360861	1.22981	1.22981	0.0118087	1.99849	1.99849	0.141284	1.41678	1.41678	4.89749	3.76168	0.68274	1
cg19064258	0.239987	0.797345	-1.25416	0.0259683	0.614769	-1.62663	0.00436566	2.01553	2.01553	0.578229	1.10891	1.10891	4.82542	2.5894	0.476993	1
cg05764691	0.0351224	0.455366	-2.19604	0.0246538	0.424214	-2.3573	0.0897495	0.54911	-1.82113	0.289744	0.703162	-1.42215	4.73764	7.70708	1.44602	1
cg03713642	0.240433	1.51979	1.51979	0.70105	0.876892	-1.14039	0.0269896	2.43979	2.43979	0.604032	1.19504	1.19504	4.21011	7.73383	1.63286	1
cg03757784	0.925463	0.975122	-1.02551	0.497254	0.830648	-1.20388	0.0500626	1.82493	1.82493	0.675238	0.892753	-1.12013	3.51757	4.03821	1.02045	1
cg18255166	0.837334	1.02762	1.02762	0.00643227	0.625214	-1.59945	1.71E-06	4.89408	4.89408	0.121091	1.24951	1.24951	22.5443	6.27009	0.247221	1
cg04211115	0.00145915	2.14423	2.14423	0.00253511	0.498908	-2.00438	4.33E-06	5.80846	5.80846	0.0484912	1.45361	1.45361	20.8751	9.10416	0.387666	1
cg02568806	0.0605034	0.77602	-1.28863	0.692821	1.04872	1.04872	0.00814393	0.666458	-1.50047	0.00235833	0.601551	-1.66237	13.981	3.17811	0.202059	1
cg17077641	0.269065	0.753638	-1.3269	0.000571007	0.269577	-3.70951	0.000479596	0.260165	-3.84372	0.00594946	0.413209	-2.42008	11.7086	11.1973	0.850071	1
cg04591843	0.00913598	0.155288	-6.43966	0.000120011	0.0227871	-43.8845	0.00105299	0.0655006	-15.267	0.0032288	0.104357	-9.58252	9.67217	48.4612	4.45367	1
cg12503102	0.301951	0.806592	-1.23978	0.00385532	0.457221	-2.18713	0.00504973	2.10691	2.10691	0.0152475	1.82009	1.82009	7.43838	4.75881	0.568679	1
cg24043594	0.042243	0.540257	-1.85097	0.00291722	0.34087	-2.93367	0.00698169	0.399228	-2.50483	0.264304	0.736253	-1.35823	6.93597	7.60707	0.974894	1
cg27260984	0.955042	0.984951	-1.01528	0.0791018	1.68937	1.68937	0.0016429	0.29748	-3.36158	0.64547	0.882853	-1.13269	6.28068	7.19578	1.0184	1
cg19298225	0.0124147	2.25268	2.25268	0.108095	1.58018	1.58018	0.017741	2.12229	2.12229	0.214568	0.711061	-1.40635	6.25638	6.74917	0.958904	1
cg02400773	0.0130169	0.101506	-9.85165	0.00188327	0.0379447	-26.3541	0.00269299	0.0460127	-21.7332	0.0693319	0.221233	-4.52011	5.94688	51.9177	7.76021	1
cg15526469	0.849403	1.04221	1.04221	0.934859	0.98238	-1.01794	0.00495694	0.445253	-2.24591	0.254624	1.29522	1.29522	4.40723	3.30117	0.66581	1
cg14236618	0.0102819	0.529494	-1.8886	0.0895638	0.69212	-1.44484	0.0168677	0.563729	-1.7739	0.0521933	0.647789	-1.54371	4.1666	2.5508	0.544179	1
cg09174601	0.0688749	1.78479	1.78479	0.119368	1.6175	1.6175	0.00191545	0.286432	-3.49123	0.289207	0.731228	-1.36756	4.06744	5.21532	1.13974	1
cg07480567	0.0178334	0.634422	-1.57624	0.124772	0.769074	-1.30026	0.00022166	2.64261	2.64261	0.188969	1.24594	1.24594	6.99964	2.76753	0.351451	1
cg01971137	7.73E-08	35.6758	35.6758	1.98E-08	70.118	70.118	4.28E-08	47.2106	47.2106	0.982642	1.00436	1.00436	179.328	113.704	0.563605	1
cg09172659	0.657294	0.941264	-1.0624	0.0595154	0.749512	-1.3342	4.02E-06	4.2691	4.2691	0.334422	1.14449	1.14449	56.2849	12.7425	0.258734	1
cg13553400	0.00252948	1.54004	1.54004	0.00246497	1.543	1.543	4.15E-06	0.333408	-2.99933	6.65E-05	0.470907	-2.12356	49.3305	8.2908	0.149392	1
cg15641446	3.58E-05	19.7247	19.7247	0.000106024	12.9429	12.9429	1.75E-05	26.8109	26.8109	0.350872	0.698201	-1.43225	29.1698	64.6727	1.97077	1
cg11351809	0.0030245	2.47707	2.47707	0.0487301	0.605076	-1.65268	9.34E-05	4.73598	4.73598	0.295249	0.784854	-1.27412	14.7331	11.6231	0.701256	1
cg04665588	0.00553442	2.10769	2.10769	0.0308465	1.67959	1.67959	0.000730697	0.349903	-2.85793	0.49088	0.866655	-1.15386	13.6081	9.01509	0.58887	1
cg20610619	0.748538	1.0316	1.0316	0.176755	0.870306	-1.14902	0.000639311	1.66055	1.66055	0.00402747	1.45317	1.45317	10.2193	1.5147	0.131751	1
cg12484686	0.609641	0.890003	-1.12359	0.0211391	0.533994	-1.87268	0.976978	0.993491	-1.00655	0.0340732	1.75017	1.75017	9.14771	7.41902	0.720912	1
cg12103626	0.0927165	1.23248	1.23248	0.780117	0.968874	-1.03213	0.326145	1.12136	1.12136	0.0441873	1.29849	1.29849	9.07111	1.83408	0.179723	1
cg11583981	0.514171	1.36737	1.36737	0.00153659	0.115824	-8.63382	0.0541662	0.355721	-2.81119	0.0034666	0.153088	-6.53219	6.21409	22.0158	3.14924	1
cg25516022	0.521469	1.13073	1.13073	0.0538466	1.51271	1.51271	0.933974	0.984455	-1.01579	0.0122764	0.554473	-1.80352	5.18084	2.9335	0.503308	1
cg00266715	0.0465632	0.650834	-1.53649	0.00177188	2.31369	2.31369	0.907742	0.978392	-1.02209	0.124493	1.36809	1.36809	5.13577	2.88822	0.499888	1
cg12052658	0.628956	0.828317	-1.20727	0.00113334	0.156805	-6.37735	0.76987	0.892718	-1.12017	0.0194024	0.33505	-2.98463	5.0502	11.9705	2.10693	1
cg00437360	0.0671744	2.86405	2.86405	0.487412	0.696372	-1.43601	0.010711	5.18142	5.18142	0.956625	0.972489	-1.02829	4.48075	18.6687	3.70348	1
cg20358362	0.0498044	1.43115	1.43115	0.148685	1.28167	1.28167	0.0539914	0.704373	-1.4197	0.0364402	0.677344	-1.47635	4.27558	1.73816	0.361361	1
cg19814946	0.504761	0.908566	-1.10064	0.0210059	0.674808	-1.4819	0.170478	1.22973	1.22973	0.00619795	1.65803	1.65803	4.23404	1.34586	0.282548	1
cg25181144	0.103689	0.36012	-2.77685	0.0134167	0.172513	-5.79666	0.0320974	0.236698	-4.22479	0.0233434	0.211114	-4.73678	3.83741	20.0206	4.63752	1
cg20731875	0.14513	0.615056	-1.62587	0.767518	0.912022	-1.09647	0.000349851	5.96179	5.96179	0.154386	1.60574	1.60574	12.4911	19.0908	1.35854	1
cg17863312	0.600496	0.798716	-1.25201	0.0545694	0.395521	-2.52831	0.00641156	4.51937	4.51937	0.832886	0.914049	-1.09403	9.06304	25.9674	2.54684	1
cg20152539	0.00967995	7.47065	7.47065	0.214194	0.447804	-2.23312	0.000409892	31.4209	31.4209	0.95372	0.964973	-1.0363	8.38929	50.1453	5.31315	1
cg24895178	0.131786	0.494011	-2.02425	0.0331501	0.339722	-2.94359	0.0974342	2.19991	2.19991	0.207482	0.562026	-1.77928	8.04997	23.9584	2.64552	1
cg03832440	0.647985	1.20456	1.20456	0.534948	1.28971	1.28971	0.000576219	8.64454	8.64454	0.256665	1.61503	1.61503	7.9584	20.6625	2.30783	1
cg26572811	0.0228788	2.90997	2.90997	0.698901	0.858565	-1.16473	0.000267451	10.4541	10.4541	0.879044	1.06157	1.06157	7.40645	18.0552	2.1669	1
cg06005844	0.00705385	3.60155	3.60155	0.383831	0.719956	-1.38897	0.00197294	4.99678	4.99678	0.715657	0.874057	-1.14409	6.94624	14.8943	1.90597	1
cg14016875	0.0412753	4.96569	4.96569	0.296913	0.478941	-2.08794	0.00120972	25.1805	25.1805	0.540145	1.52529	1.52529	6.5225	47.8703	6.52379	1
cg27369542	0.0570003	2.39137	2.39137	0.0947818	0.475538	-2.10288	0.010756	3.65952	3.65952	0.607885	1.23307	1.23307	6.29535	16.3399	2.30716	1
cg26418770	0.0278838	2.68039	2.68039	0.506182	0.77419	-1.29167	0.00599011	3.9077	3.9077	0.685592	1.16699	1.16699	4.89171	11.1539	2.02682	1
cg13855261	0.721775	0.889252	-1.12454	0.00996432	0.34357	-2.91061	0.893994	1.04474	1.04474	0.515395	0.805318	-1.24175	3.93578	6.7173	1.51709	1
cg13443605	0.69505	1.51577	1.51577	0.784133	0.748343	-1.33629	0.00168332	114.414	114.414	0.881216	1.171	1.171	3.92625	69.3058	15.6906	1
cg03884018	0.720795	1.06111	1.06111	0.00507958	0.542157	-1.84448	0.000640742	0.420548	-2.37785	3.03E-07	0.0838293	-11.929	72.2241	31.2505	0.384611	1
cg27534317	0.980244	0.996571	-1.00344	0.61133	1.07368	1.07368	0.034529	0.710374	-1.40771	1.58E-05	0.290414	-3.44336	55.6267	16.9535	0.270909	1
cg10311610	0.0565816	0.762488	-1.3115	0.340206	0.883823	-1.13145	3.54E-07	6.33778	6.33778	0.000199695	2.19167	2.19167	54.8879	13.7227	0.222235	1
cg24862668	0.315098	0.875121	-1.1427	0.257656	1.1638	1.1638	2.93E-06	4.1924	4.1924	6.61E-06	3.62165	3.62165	43.6698	11.405	0.232147	1
cg01387157	5.14E-06	0.287017	-3.48411	0.30457	1.13664	1.13664	0.0994415	0.804495	-1.24302	8.96E-05	0.429829	-2.32651	39.6545	9.11365	0.20429	1
cg02594607	0.794896	0.918009	-1.08931	0.000287231	0.14317	-6.9847	0.0015045	0.222712	-4.4901	7.55E-05	0.0945901	-10.5719	34.3612	58.6824	1.51805	1
cg02390209	0.763575	0.941554	-1.06207	0.0346889	0.611674	-1.63486	6.64E-06	7.38416	7.38416	3.03E-06	9.19437	9.19437	34.2022	21.5888	0.561077	1
cg01421548	0.080771	1.5722	1.5722	0.00103328	3.11347	3.11347	7.49E-06	10.0033	10.0033	0.0345567	1.77869	1.77869	31.7846	27.4829	0.768587	1
cg26725397	0.00818907	0.427904	-2.33697	4.44E-05	0.143596	-6.96396	0.000332347	0.23385	-4.27625	0.00125071	0.306484	-3.26281	25.9234	25.8434	0.886146	1
cg05037662	0.467368	1.15618	1.15618	0.413998	0.848853	-1.17806	1.47E-06	11.0041	11.0041	0.000532508	2.88104	2.88104	24.8496	15.1551	0.542108	1
cg06678567	0.0259435	0.429032	-2.33083	0.578966	1.19652	1.19652	6.20E-05	0.0940995	-10.627	0.000469882	0.172146	-5.80901	24.4039	39.602	1.44246	1
cg16355550	0.0110551	0.371937	-2.68863	5.81E-05	0.0990434	-10.0966	0.171752	0.636672	-1.57067	0.00198741	0.257875	-3.87785	22.9946	35.0768	1.35594	1
cg07068358	0.0558848	0.450213	-2.22117	0.00260646	0.215131	-4.64833	0.00868614	0.291631	-3.42899	0.0461097	0.430838	-2.32106	14.292	30.7276	1.91109	1
cg27312986	0.767152	1.0582	1.0582	0.0287211	0.611716	-1.63475	3.20E-05	4.67553	4.67553	0.314497	1.21914	1.21914	13.9433	8.01388	0.510887	1
cg01353586	0.260916	0.753502	-1.32714	0.0062542	0.423141	-2.36328	0.118931	0.664634	-1.50459	0.292232	0.768148	-1.30183	11.3127	10.4393	0.820263	1
cg26933063	0.204047	0.566568	-1.76501	0.171542	0.539567	-1.85334	0.00402178	5.14481	5.14481	0.034309	2.84787	2.84787	8.84741	25.1748	2.52928	1
cg08494150	0.0634255	1.33348	1.33348	0.0347993	1.40385	1.40385	0.177485	0.820692	-1.21848	0.0198123	0.678482	-1.47388	8.80337	2.65057	0.267632	1
cg01595325	0.965558	0.976813	-1.02374	0.00110729	0.0734051	-13.623	0.015139	0.197621	-5.0602	0.02745	0.242412	-4.12521	8.62763	40.3347	4.15562	1
cg09250965	0.140811	0.343299	-2.91291	0.000685852	0.0302068	-33.1051	0.0104245	0.113425	-8.81642	0.00548054	0.0850181	-11.7622	8.38766	60.5099	6.41259	1
cg26464945	0.0451118	0.392299	-2.54908	0.00556306	0.227089	-4.40355	0.80876	0.90602	-1.10373	0.385448	0.696167	-1.43644	8.0629	21.1559	2.33232	1
cg07807497	0.0349055	0.228048	-4.38504	0.00475841	0.104986	-9.52508	0.00780981	0.128315	-7.79333	0.044991	0.250741	-3.98817	7.23412	41.4236	5.08991	1
cg06288900	0.111266	0.261921	-3.81795	0.00400069	0.0504303	-19.8294	0.0233478	0.123355	-8.10671	0.0375753	0.15519	-6.44371	5.15011	48.6455	8.39602	1
cg26734696	0.812597	0.799796	-1.25032	0.616651	1.60837	1.60837	0.00505473	38.4177	38.4177	0.00627619	32.9628	32.9628	5.00129	68.5707	10.6638	1
cg08341079	0.131001	0.331033	-3.02085	0.0274544	0.170615	-5.86114	0.116221	0.314304	-3.18164	0.329402	0.505384	-1.97869	4.27778	31.1431	6.47128	1
cg06383709	0.249442	0.341772	-2.92593	0.00394257	0.0314593	-31.7871	0.136378	0.238994	-4.1842	0.0249886	0.0926525	-10.793	3.78912	47.7402	11.1994	1
cg27014135	0.0263268	0.271032	-3.6896	?	?	?	0.000863217	13.2134	13.2134	0.898396	1.06355	1.06355	15.9622	44.774	2.805	1
cg18192491	0.527714	1.1813	1.1813	0.323293	1.30429	1.30429	0.719929	0.910503	-1.09829	0.000752599	0.264251	-3.78428	8.77829	9.42754	0.954632	1
cg06694119	0.999137	0.999777	-1.00022	0.0463029	1.60231	1.60231	0.113056	1.42787	1.42787	0.0300876	0.590469	-1.69357	5.97459	4.03595	0.600462	1
cg05620415	2.01E-05	0.293814	-3.40351	0.058577	1.35447	1.35447	0.144822	1.24903	1.24903	6.71E-05	0.354597	-2.8201	26.5705	8.48491	0.283854	1
cg03594246	0.0299799	0.678275	-1.47433	0.00838402	0.599256	-1.66874	0.362139	1.15306	1.15306	0.0586522	0.722702	-1.3837	14.8498	5.437	0.325451	1
cg01618130	0.0124698	0.831763	-1.20227	5.23E-05	0.638914	-1.56516	0.00198989	1.29524	1.29524	0.0352676	1.15637	1.15637	14.0091	0.778952	0.0494253	1
cg05417127	0.0634934	0.674965	-1.48156	2.68E-05	0.209576	-4.77154	0.911851	0.979354	-1.02108	0.397702	0.849476	-1.1772	10.1198	5.68824	0.499633	1
cg09713475	0.3565	0.766744	-1.30422	0.17011	0.664177	-1.50562	0.136821	0.638363	-1.56651	0.0486758	0.532259	-1.87878	7.72177	9.59226	1.10421	1
cg03282439	0.560031	0.750284	-1.33283	0.907496	0.944907	-1.05831	0.956668	1.02684	1.02684	0.247667	1.8026	1.8026	5.52292	20.7893	3.34595	1
cg05853656	0.00259226	0.378734	-2.64038	0.0304176	0.553345	-1.80719	0.196436	0.72782	-1.37397	0.00761928	0.450189	-2.22129	4.4836	3.84188	0.761666	1
cg14936269	0.267122	1.26949	1.26949	0.00944742	0.507173	-1.97171	0.00810854	0.496753	-2.01307	0.973937	1.00677	1.00677	4.13159	2.78746	0.599706	1
cg01473336	0.0033387	1.35444	1.35444	0.297788	0.921291	-1.08543	0.175926	1.11549	1.11549	0.0271695	1.21969	1.21969	3.87257	0.353825	0.0812151	1
cg18891915	0.0108666	0.50067	-1.99732	0.0447253	1.6462	1.6462	0.188622	1.35164	1.35164	0.922084	1.02139	1.02139	3.54191	2.62506	0.658793	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00221357	HS6ST1	0.000636745	8.14E-05	0.31698	-3.15478	0.000185473	0.360296	-2.7755	0.0316142	1.50306	1.50306	0.635134	0.925616	-1.08036	0.0012091	0.464689	-2.15198
cg20902958	HS6ST1	0.000945259	0.0215006	0.795867	-1.25649	0.108952	1.15549	1.15549	0.00016061	1.70399	1.70399	0.747343	0.973631	-1.02708	0.09901	0.861114	-1.16129
cg19884850	HS6ST1	0.00188751	0.227974	0.892863	-1.11999	0.0987281	1.17601	1.17601	0.0450116	0.813838	-1.22875	0.00886894	1.34753	1.34753	0.00025857	0.583684	-1.71326
cg12731681	HS6ST1	0.00651178	0.132638	0.688094	-1.45329	0.000607356	0.296002	-3.37836	0.353264	0.80248	-1.24614	0.958281	1.01212	1.01212	0.000995898	0.324182	-3.08468
cg25180075	HS6ST1	0.00766872	0.260423	0.678949	-1.47286	0.917616	1.03472	1.03472	0.296313	0.699625	-1.42934	0.0774496	0.523377	-1.91067	0.15143	0.602277	-1.66036
cg15920655	HS6ST1	0.0108989	0.181853	0.816106	-1.22533	0.698984	1.0573	1.0573	0.00291596	0.556264	-1.79771	0.0273959	1.45383	1.45383	0.00342081	0.565335	-1.76886
cg19736660	HS6ST1	0.0140182	0.0437844	1.19412	1.19412	0.143835	1.12774	1.12774	0.860026	1.0136	1.0136	0.56166	1.04595	1.04595	0.993793	0.999405	-1.0006
cg04217419	HS6ST1	0.0174354	0.348725	0.716606	-1.39547	0.00108469	0.170425	-5.8677	0.114421	0.549789	-1.81888	0.19285	1.61299	1.61299	0.146574	0.581728	-1.71902
cg12445658	HS6ST1	0.0213379	0.0105929	4.04226	4.04226	0.00267283	6.07528	6.07528	0.0181546	3.47807	3.47807	0.197438	1.80763	1.80763	0.236539	1.71414	1.71414
cg17054825	HS6ST1	0.0252288	0.226168	1.25214	1.25214	0.577928	0.905335	-1.10456	0.856678	1.0325	1.0325	0.219536	1.25663	1.25663	0.491814	1.13149	1.13149
cg01887374	HS6ST1	0.0377615	0.109913	0.514516	-1.94358	0.0282521	2.68538	2.68538	0.217659	1.63981	1.63981	0.0223071	2.84152	2.84152	0.0139215	0.313937	-3.18536
cg08867399	HS6ST1	0.0423823	0.154924	0.54264	-1.84284	0.011643	3.54764	3.54764	0.0961177	2.08301	2.08301	0.394098	1.41984	1.41984	0.0162406	0.307143	-3.25581
cg02447370	HS6ST2;HS6ST2	0.00013847	8.63E-05	0.198465	-5.03868	0.000552031	0.292114	-3.42333	0.00595351	0.43812	-2.28248	0.224301	0.746069	-1.34036	0.000109142	0.209298	-4.77788
cg21123327	HS6ST2;HS6ST2	0.0449406	0.323974	0.675429	-1.48054	0.186557	0.583103	-1.71496	0.0851056	0.480287	-2.08209	0.558143	0.796015	-1.25626	0.00195248	0.185025	-5.40468
cg03839709	HS6ST3	0.000852557	0.614651	0.908953	-1.10017	0.65538	0.918995	-1.08815	0.528616	0.886875	-1.12755	0.686811	1.0792	1.0792	0.714546	0.933252	-1.07152
cg07514505	HS6ST3	0.0014655	0.0443744	0.737948	-1.35511	0.288916	0.865134	-1.15589	0.781949	1.03719	1.03719	0.227064	1.18162	1.18162	0.795264	1.03481	1.03481
cg24974423	HS6ST3	0.00413522	0.179735	1.0984	1.0984	0.00930861	0.804689	-1.24272	0.0370089	0.852546	-1.17296	0.702237	0.975016	-1.02562	0.0132981	0.817058	-1.2239
cg08919528	HS6ST3	0.00922673	0.0399075	0.702704	-1.42308	0.606835	0.925789	-1.08016	0.022775	0.667067	-1.4991	0.0122934	0.629271	-1.58914	0.000687343	0.462997	-2.15984
cg08612100	HS6ST3	0.0130068	0.292642	1.10435	1.10435	0.0139243	1.31809	1.31809	0.00844142	1.35767	1.35767	0.00790092	1.36308	1.36308	0.681696	0.963202	-1.0382
cg16409650	HS6ST3	0.0141363	0.417932	0.860831	-1.16167	0.47651	0.877167	-1.14003	0.00239088	2.15167	2.15167	0.0258841	1.61425	1.61425	0.225939	0.794369	-1.25886
cg11244340	HS6ST3	0.0146294	0.399524	1.33563	1.33563	0.839958	1.0702	1.0702	0.222216	1.53798	1.53798	0.00026746	7.44352	7.44352	0.0406063	2.21079	2.21079
cg21502551	HS6ST3	0.0149032	0.178485	0.684513	-1.46089	0.0667773	1.72456	1.72456	0.00913539	0.415589	-2.40622	0.571255	0.859227	-1.16384	0.00261672	0.331191	-3.01941
cg22318010	HS6ST3	0.0203914	0.564156	0.938703	-1.0653	0.469491	1.08312	1.08312	0.203398	1.15681	1.15681	0.815268	1.02572	1.02572	0.187648	1.16358	1.16358
cg27513979	HS6ST3	0.0316094	0.935987	0.970572	-1.03032	0.362966	0.706327	-1.41578	0.719056	1.14376	1.14376	0.0191053	0.3483	-2.87109	0.504149	0.777198	-1.28667
cg22103637	HS6ST3	0.0350108	0.0307179	0.541551	-1.84655	0.0319607	1.83554	1.83554	0.257442	1.33055	1.33055	0.306053	0.774073	-1.29187	0.0868533	0.633202	-1.57928
cg11722990	HS6ST3	0.0373524	0.237623	0.800339	-1.24947	0.212722	0.789564	-1.26652	0.0518098	0.67139	-1.48945	0.841547	0.964606	-1.03669	0.415704	1.16156	1.16156
cg08626060	HS6ST3	0.0441116	0.0308617	0.495716	-2.01728	0.31501	0.75006	-1.33323	0.00379782	0.339344	-2.94686	0.154581	0.65588	-1.52467	0.8293	0.941984	-1.06159
cg18748134	HS6ST3	0.0472942	0.0431101	1.35073	1.35073	0.130644	1.23477	1.23477	0.0377197	0.732446	-1.36529	0.0116146	1.50316	1.50316	0.900546	1.01628	1.01628
cg02319392	HSBP1	4.03E-05	0.000528899	0.362248	-2.76054	7.03E-05	0.255492	-3.91401	0.00614047	0.510394	-1.95927	0.117859	1.37637	1.37637	1.31E-05	0.17895	-5.58815
cg02489493	HSBP1	0.0013319	0.0532863	0.615401	-1.62496	0.00113027	2.88481	2.88481	0.26059	1.29623	1.29623	0.000217303	0.255648	-3.91162	0.0377422	0.586929	-1.70378
cg00255799	HSBP1	0.00321948	0.740603	0.888666	-1.12528	?	?	?	0.00198949	0.211986	-4.71729	0.288303	1.47943	1.47943	0.00020124	0.10901	-9.17349
cg10439742	HSBP1	0.00555173	0.0233897	0.427328	-2.34012	0.0340484	0.460015	-2.17384	0.868912	0.949476	-1.05321	0.0306966	2.21837	2.21837	0.10079	0.568837	-1.75797
cg27405010	HSBP1	0.00558786	0.052082	0.452797	-2.2085	0.0435163	0.43504	-2.29864	0.77893	0.904019	-1.10617	0.33246	0.698732	-1.43116	0.000134209	0.0932715	-10.7214
cg00900105	HSBP1	0.0159453	0.0199871	0.0809456	-12.354	0.00518657	0.0367512	-27.21	0.0392986	0.118229	-8.45813	0.171422	0.271518	-3.683	0.0228859	0.0873767	-11.4447
cg08068296	HSBP1	0.0202435	0.468098	1.19935	1.19935	0.00366282	2.63144	2.63144	0.00323342	2.68876	2.68876	0.0316094	1.85991	1.85991	0.250422	1.34409	1.34409
cg05518022	HSBP1	0.0484625	0.817739	1.153	1.153	0.812326	0.86356	-1.158	0.0266733	0.189461	-5.27814	0.0580768	0.260181	-3.84348	0.672246	1.30032	1.30032
cg00659077	HSBP1L1	0.00348711	0.0023115	0.369603	-2.7056	0.187042	0.72109	-1.38679	0.256225	0.757977	-1.3193	0.0937875	1.53859	1.53859	0.000562229	0.286409	-3.49151
cg11687085	HSBP1L1	0.00487673	0.168608	0.669358	-1.49397	0.151168	1.52339	1.52339	0.00224252	3.22494	3.22494	0.0125326	2.33935	2.33935	0.852903	1.05211	1.05211
cg18385254	HSBP1L1	0.0166798	0.783081	0.869699	-1.14982	0.0355471	3.44837	3.44837	0.0111459	5.00013	5.00013	0.0401267	3.31938	3.31938	0.848595	1.10151	1.10151
cg05823915	HSBP1L1	0.0284825	0.027684	0.258762	-3.86455	0.0172077	0.221468	-4.51532	0.0812723	0.366523	-2.72834	0.994945	1.0033	1.0033	0.0103665	0.186973	-5.34837
cg09232727	HSCB	1.60E-05	0.000155237	0.279924	-3.57239	0.710809	1.07594	1.07594	0.00743525	0.50787	-1.96901	0.209387	1.29696	1.29696	9.07E-07	0.0774936	-12.9043
cg16189954	HSCB;CHEK2;CHEK2;CHEK2	0.00872314	0.702928	0.958286	-1.04353	0.479127	1.08329	1.08329	0.117102	1.2084	1.2084	0.726125	1.03988	1.03988	0.0638952	1.26061	1.26061
cg06828613	HSD11B1	0.0206868	0.0892119	0.575763	-1.73683	0.0122959	0.39915	-2.50532	0.683082	1.12852	1.12852	0.0503423	1.9292	1.9292	0.00827021	0.36984	-2.70387
cg25471557	HSD11B1	0.0272189	0.0237842	0.269635	-3.70871	0.00541374	0.16895	-5.9189	0.0122019	0.219367	-4.55858	0.176263	0.497375	-2.01056	0.0957636	0.411159	-2.43215
cg27018587	HSD11B1L;C19orf70;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.0366377	0.257274	1.31098	1.31098	0.940874	1.01713	1.01713	0.239608	0.754256	-1.32581	0.0317206	1.78012	1.78012	0.0461044	0.592491	-1.68779
cg16688977	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;C19orf70;C19orf70;HSD11B1L;HSD11B1L	0.0222935	0.560538	0.927125	-1.0786	0.0864507	1.2757	1.2757	0.591437	1.07215	1.07215	0.326183	0.877807	-1.1392	0.154814	1.21625	1.21625
cg17830754	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;C19orf70;HSD11B1L;HSD11B1L	0.0456924	0.0144588	0.532956	-1.87633	0.00966976	0.504753	-1.98117	0.069683	0.654671	-1.52749	0.00768321	0.489036	-2.04484	0.137442	0.716016	-1.39662
cg22966060	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.000106574	0.123448	1.70601	1.70601	0.108576	1.75121	1.75121	0.000457131	5.85281	5.85281	0.189206	0.640673	-1.56086	0.103667	0.565705	-1.7677
cg04201285	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.000114698	0.0244846	0.552973	-1.80841	0.000132091	0.230858	-4.33166	0.0998474	1.48981	1.48981	0.00383741	0.422529	-2.3667	3.12E-05	0.166038	-6.02272
cg10665844	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.000701482	0.13656	0.745058	-1.34218	0.0368519	1.56031	1.56031	0.0321426	1.58487	1.58487	0.00289881	2.11966	2.11966	0.747635	1.06103	1.06103
cg18365142	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.00190927	0.567905	1.29118	1.29118	0.233349	1.73876	1.73876	0.00130104	7.95162	7.95162	0.268676	0.600491	-1.6653	0.059223	0.389495	-2.56743
cg03147691	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.00296452	0.0207802	2.97882	2.97882	0.00152624	5.98639	5.98639	0.00571959	4.14123	4.14123	0.477947	1.32704	1.32704	0.0594971	0.434224	-2.30296
cg10686375	HSD11B2	4.42E-05	0.446345	1.05253	1.05253	0.146397	1.1083	1.1083	0.106246	1.12339	1.12339	0.749999	0.979136	-1.02131	0.95158	0.996003	-1.00401
cg02955911	HSD11B2	6.60E-05	0.179325	1.27841	1.27841	0.488394	1.12886	1.12886	0.939262	1.01321	1.01321	0.0653731	1.42787	1.42787	0.189927	0.787365	-1.27006
cg02322203	HSD11B2	0.000180845	0.950794	1.01799	1.01799	0.545362	0.837936	-1.19341	0.767673	1.08935	1.08935	0.807028	0.931741	-1.07326	0.104377	0.598771	-1.67009
cg07545640	HSD11B2	0.0020519	0.856975	1.0538	1.0538	0.20576	1.47359	1.47359	0.111093	0.604012	-1.6556	0.167137	1.5338	1.5338	0.312701	1.35434	1.35434
cg08789908	HSD11B2	0.00450362	0.0226025	0.628262	-1.59169	0.273638	1.21403	1.21403	0.0141718	1.67406	1.67406	0.176576	0.783044	-1.27707	0.176215	0.782864	-1.27736
cg02734600	HSD11B2	0.0160554	0.76729	0.946592	-1.05642	0.0205553	1.67538	1.67538	0.661502	0.921743	-1.0849	0.529761	1.12495	1.12495	0.0076634	0.530514	-1.88496
cg27130954	HSD11B2	0.0212669	0.0146518	0.52277	-1.91289	0.0544704	1.60145	1.60145	0.661915	1.09962	1.09962	0.0863175	1.50527	1.50527	0.0372056	0.593324	-1.68542
cg17035997	HSD17B1	0.00362838	0.00609063	0.248823	-4.01892	0.0101972	0.284113	-3.51973	0.022122	0.344441	-2.90325	0.343226	0.684337	-1.46127	0.0682827	0.452495	-2.20997
cg16546489	HSD17B1	0.00575058	0.00174167	0.262205	-3.81381	0.285568	1.39455	1.39455	0.952069	1.01819	1.01819	0.0732348	1.82031	1.82031	0.00164159	0.258767	-3.86449
cg01612247	HSD17B1	0.00659177	0.00951365	0.164653	-6.07339	0.0140884	0.18934	-5.28149	0.0235543	0.226474	-4.41552	0.084965	0.351316	-2.84644	0.00654811	0.143734	-6.95732
cg03086899	HSD17B1	0.0381242	0.0259892	0.60084	-1.66434	0.227459	0.783291	-1.27666	0.57786	0.897289	-1.11447	0.058391	0.662128	-1.51028	0.00216238	0.436064	-2.29324
cg23622369	HSD17B1	0.0391764	0.052661	7.20444	7.20444	0.206229	3.30415	3.30415	0.176437	3.62641	3.62641	0.0655575	6.37663	6.37663	0.10035	5.02127	5.02127
cg14253153	HSD17B10;HSD17B10	0.0180667	0.82993	0.928758	-1.07671	0.831267	1.07607	1.07607	0.0113018	0.336201	-2.97441	0.0952489	0.532693	-1.87726	0.025236	0.400801	-2.495
cg21156383	HSD17B10;HSD17B10	0.0495796	0.401994	0.354566	-2.82035	0.00921326	0.0183859	-54.3896	0.211949	4.90108	4.90108	0.40669	2.79009	2.79009	0.900068	0.859102	-1.16401
cg12370284	HSD17B11	0.000178927	0.0437925	0.779745	-1.28247	0.00837075	0.696506	-1.43574	0.720204	1.03937	1.03937	0.966255	0.995469	-1.00455	0.00449728	0.665918	-1.50169
cg22831514	HSD17B11	0.00534775	0.147328	0.871782	-1.14708	0.611264	0.955774	-1.04627	0.0155237	1.29945	1.29945	0.0057655	0.726681	-1.37612	0.13763	0.868405	-1.15154
cg00309650	HSD17B11	0.0418246	0.741514	1.04203	1.04203	0.100069	1.25125	1.25125	0.541877	1.07984	1.07984	0.0826995	1.27004	1.27004	0.864218	0.978934	-1.02152
cg07021777	HSD17B11;HSD17B11	0.00132501	0.000531923	0.482298	-2.07341	0.448269	0.900785	-1.11014	0.344966	0.876766	-1.14056	0.00712787	0.625061	-1.59984	0.0155996	0.669712	-1.49318
cg23575732	HSD17B12	0.000392063	0.0536748	2.18176	2.18176	0.691725	1.15247	1.15247	0.00802481	0.298361	-3.35164	0.000718784	0.159958	-6.25166	0.0251517	0.387434	-2.58108
cg26786893	HSD17B12	0.00250472	0.0119252	0.350774	-2.85084	0.00717598	0.313837	-3.18637	0.242318	0.664608	-1.50465	0.920982	1.03368	1.03368	0.000902372	0.190472	-5.25012
cg11948328	HSD17B12	0.00316431	0.574566	1.04742	1.04742	0.0130035	0.77746	-1.28624	0.0145588	0.782081	-1.27864	0.0451407	0.828829	-1.20652	0.156112	0.883442	-1.13194
cg02468154	HSD17B12	0.00756671	0.355905	0.893693	-1.11895	0.719442	1.04362	1.04362	0.794826	0.969626	-1.03133	0.00161983	0.585802	-1.70706	0.00035718	0.507571	-1.97017
cg02262727	HSD17B12	0.0154586	0.730687	0.923391	-1.08296	0.49123	0.851059	-1.17501	0.681689	1.0998	1.0998	0.675549	1.10197	1.10197	0.0137421	0.495252	-2.01917
cg12467123	HSD17B12	0.0437414	0.449397	0.935599	-1.06883	0.30602	1.09585	1.09585	0.948243	0.994409	-1.00562	0.388227	1.07936	1.07936	0.000914067	0.65178	-1.53426
cg07912181	HSD17B12;HSD17B12	0.0178487	0.0106242	0.631344	-1.58392	0.657712	1.06592	1.06592	0.211291	0.828179	-1.20747	0.0212232	0.67266	-1.48663	0.0299098	0.693706	-1.44153
cg26478074	HSD17B12;HSD17B12	0.0464475	0.314707	0.872668	-1.14591	0.329349	1.14097	1.14097	0.400158	0.893307	-1.11944	0.346632	0.880767	-1.13537	0.370764	1.12795	1.12795
cg10062316	HSD17B13;HSD17B13	0.00131211	0.000409424	0.374024	-2.67363	0.0906364	0.721338	-1.38631	0.0898384	0.720636	-1.38766	0.569081	0.904082	-1.10609	0.00872225	0.556806	-1.79596
cg09998004	HSD17B13;HSD17B13	0.00312515	0.856333	0.964694	-1.0366	0.00168631	0.410563	-2.43568	0.00277435	0.441189	-2.2666	0.116334	0.712863	-1.40279	0.000185253	0.285832	-3.49856
cg24999727	HSD17B13;HSD17B13	0.00418225	0.0163556	0.318414	-3.14057	0.00392656	0.220184	-4.54165	0.481328	0.756475	-1.32192	0.514825	0.772954	-1.29374	0.00020105	0.087798	-11.3898
cg09013032	HSD17B13;HSD17B13	0.0167241	0.0542227	0.263809	-3.79063	0.0160348	0.165656	-6.03662	0.0420265	0.23954	-4.17467	0.583309	0.713269	-1.402	0.00322603	0.0862011	-11.6008
cg24725522	HSD17B14	6.53E-05	7.21E-06	0.0201679	-49.5837	0.0163199	0.314406	-3.1806	0.00131243	6.31488	6.31488	0.0462785	2.45872	2.45872	0.62292	0.822591	-1.21567
cg08054901	HSD17B14	0.0215354	0.764862	0.865636	-1.15522	0.82035	1.11563	1.11563	0.0975243	0.417032	-2.39789	0.734267	1.17809	1.17809	0.000878711	0.0907899	-11.0144
cg07996880	HSD17B14	0.0468336	0.931081	0.976008	-1.02458	0.766203	1.08732	1.08732	0.372479	1.29311	1.29311	0.103197	1.64941	1.64941	0.339621	0.758578	-1.31826
cg15974053	HSD17B14;HSD17B14	2.05E-07	0.777902	0.968785	-1.03222	0.00460051	1.52651	1.52651	2.64E-07	5.53783	5.53783	1.79E-06	3.80102	3.80102	0.00502269	1.51625	1.51625
cg16530498	HSD17B14;HSD17B14	2.00E-05	0.673683	1.06852	1.06852	0.0895827	1.34025	1.34025	1.41E-05	4.12042	4.12042	0.000700435	2.24503	2.24503	0.0650719	1.3828	1.3828
cg03416601	HSD17B2	0.000393509	0.594761	0.903708	-1.10655	0.294973	1.22731	1.22731	0.260105	0.801298	-1.24798	0.0004231	0.348822	-2.86679	0.422093	0.856718	-1.16725
cg04561261	HSD17B2	0.000588044	0.00345133	0.314385	-3.18081	0.0238316	0.45573	-2.19428	0.000161729	0.153114	-6.53107	0.0320494	0.481022	-2.07891	0.0208422	0.444661	-2.2489
cg01224949	HSD17B2	0.000906428	0.000266903	0.426753	-2.34328	0.00131752	0.514213	-1.94472	0.00255094	0.551207	-1.8142	0.00156566	0.523828	-1.90902	0.0685889	0.748193	-1.33655
cg01148073	HSD17B2	0.00144089	0.162806	0.773285	-1.29318	0.00986579	1.75548	1.75548	7.28E-05	0.287732	-3.47546	0.253049	0.813827	-1.22876	0.0935222	0.727378	-1.3748
cg05315365	HSD17B2	0.00163131	0.769933	1.10919	1.10919	0.261344	1.51275	1.51275	0.353787	1.40092	1.40092	0.892602	0.953387	-1.04889	0.00033379	0.12934	-7.73155
cg26479028	HSD17B2	0.00223688	0.0030439	0.210735	-4.7453	0.636594	0.833146	-1.20027	0.0104205	0.29022	-3.44566	0.240316	0.624033	-1.60248	0.0106516	0.291814	-3.42684
cg08244303	HSD17B2	0.00717589	0.281513	0.788293	-1.26856	0.160224	0.72696	-1.37559	7.99E-05	0.219963	-4.54623	0.741312	0.932011	-1.07295	0.0439619	0.611383	-1.63563
cg07307142	HSD17B2	0.009794	0.0411948	0.472524	-2.11629	0.448759	1.27851	1.27851	0.00468201	0.302219	-3.30886	0.0215196	0.415273	-2.40805	0.267531	0.692376	-1.4443
cg09894383	HSD17B2	0.0246121	0.0209538	0.338197	-2.95686	0.308163	0.662554	-1.50931	0.051422	0.420854	-2.37612	0.0486293	0.415198	-2.40849	0.0293552	0.367307	-2.72252
cg11554937	HSD17B3	0.0200483	0.77193	1.07165	1.07165	0.0126726	2.09127	2.09127	0.0516767	1.69437	1.69437	0.0469879	0.58195	-1.71836	0.00714192	0.43726	-2.28697
cg14633704	HSD17B3	0.026226	0.00967437	0.251349	-3.97853	0.0657757	0.418584	-2.38901	0.0206037	0.308437	-3.24215	0.678533	0.838783	-1.1922	0.00391526	0.194389	-5.14432
cg14356530	HSD17B3	0.0332719	0.0168519	0.149182	-6.70321	0.0287794	0.185897	-5.37931	0.0643189	0.257633	-3.88149	0.0526101	0.237472	-4.21103	0.0116165	0.127662	-7.83321
cg09486093	HSD17B4	7.42E-05	0.00220381	0.469196	-2.13131	0.0829938	1.40281	1.40281	0.448724	1.14583	1.14583	0.806642	1.04419	1.04419	5.61E-06	6.08812	6.08812
cg22067069	HSD17B4	0.000705884	0.644734	1.10524	1.10524	0.046577	0.611896	-1.63427	0.000799016	0.335821	-2.97777	0.0836236	1.51085	1.51085	0.580925	1.12769	1.12769
cg13600362	HSD17B4	0.00276951	0.0294277	0.735798	-1.35907	0.160376	1.19649	1.19649	0.19512	1.17812	1.17812	0.212186	1.17022	1.17022	0.459464	0.913844	-1.09428
cg12156838	HSD17B4	0.00751719	0.508727	0.897863	-1.11376	0.000255349	0.37983	-2.63276	0.375459	1.15741	1.15741	0.458164	0.885671	-1.12909	0.0523791	1.42556	1.42556
cg18775566	HSD17B4	0.0125338	0.618172	0.938873	-1.06511	0.874205	1.02009	1.02009	0.0591893	0.765373	-1.30655	0.525449	1.08411	1.08411	0.0158539	0.690117	-1.44903
cg11027879	HSD17B4	0.0209405	0.192786	1.91935	1.91935	0.800136	1.12749	1.12749	0.385922	1.52262	1.52262	0.915316	0.950932	-1.0516	0.000974998	0.0982167	-10.1816
cg05185946	HSD17B4	0.0210084	0.0232558	0.439774	-2.2739	0.724018	1.11335	1.11335	0.0193595	0.424637	-2.35495	0.40629	0.773124	-1.29345	0.00168299	0.256696	-3.89566
cg21878514	HSD17B4	0.0299736	0.0924068	0.477567	-2.09395	0.0182845	3.13582	3.13582	0.0900201	0.474444	-2.10773	0.466005	1.34451	1.34451	0.174624	1.77921	1.77921
ch.5.2173511R	HSD17B4	0.0330829	?	?	?	0.0120664	0.10537	-9.49037	0.0216678	0.137807	-7.2565	0.0117748	0.104178	-9.59897	0.0105075	0.0987854	-10.1229
cg10959673	HSD17B4	0.0335794	0.219976	1.29112	1.29112	0.00795124	0.509586	-1.96238	0.274039	0.798125	-1.25294	0.340677	1.21474	1.21474	0.861751	0.966057	-1.03514
cg07793952	HSD17B7	0.000607522	0.0541411	0.761084	-1.31392	0.230367	1.17021	1.17021	0.0002862	0.477226	-2.09544	0.413513	1.11007	1.11007	0.000228449	0.465406	-2.14866
cg13377324	HSD17B7	0.00754495	0.957306	0.985225	-1.015	0.0414847	1.92258	1.92258	0.291684	0.737713	-1.35554	0.143686	1.54778	1.54778	0.00721267	0.381315	-2.6225
cg14779990	HSD17B7	0.00892582	0.161658	1.17816	1.17816	0.10315	0.822359	-1.21601	0.0490756	0.781554	-1.2795	0.375571	1.10491	1.10491	0.00143978	1.65763	1.65763
cg26499232	HSD17B7P2	0.00722616	0.0214458	2.23592	2.23592	0.724872	1.10838	1.10838	0.890948	1.04075	1.04075	0.0224037	2.21807	2.21807	0.00153695	0.265235	-3.77025
cg27407289	HSD17B7P2	0.0227598	0.0230795	0.690704	-1.4478	0.222216	1.19091	1.19091	0.00181632	0.546745	-1.82901	0.336197	0.87367	-1.1446	0.205491	0.833677	-1.19951
cg27018424	HSD17B8	5.41E-05	0.000183343	0.433931	-2.30452	0.000680979	1.98448	1.98448	0.0850947	1.28576	1.28576	0.00592686	1.60831	1.60831	0.784896	0.964524	-1.03678
cg21555177	HSD17B8	0.000556657	0.0397165	0.700133	-1.4283	0.000878936	2.11201	2.11201	0.00178397	1.94753	1.94753	7.59E-05	2.93208	2.93208	0.134149	1.27399	1.27399
cg00614834	HSD17B8	0.00258147	0.0585211	0.607373	-1.64643	0.0433283	1.71972	1.71972	0.00239944	2.68256	2.68256	0.0348788	1.77468	1.77468	0.0950146	1.53416	1.53416
cg00225157	HSD17B8	0.00942657	0.0524818	0.627313	-1.5941	0.0731593	1.52594	1.52594	0.00181487	2.55402	2.55402	0.00771416	2.06242	2.06242	0.897833	1.02754	1.02754
cg02647520	HSD17B8	0.0119317	0.0170615	0.429909	-2.32607	0.0357312	2.0328	2.0328	0.0117916	2.49169	2.49169	0.113469	1.64867	1.64867	0.426839	1.26557	1.26557
cg00640376	HSD17B8	0.0129767	0.00432442	0.295954	-3.37891	0.0574416	0.503609	-1.98567	0.336598	0.728867	-1.37199	0.215513	1.51608	1.51608	0.00355412	0.283352	-3.52918
cg09100940	HSD17B8	0.0131664	0.0967764	0.587772	-1.70134	0.226536	1.44794	1.44794	0.00356989	3.16041	3.16041	0.0334237	2.06371	2.06371	0.122744	1.62821	1.62821
cg00155619	HSD17B8	0.0145418	0.0318347	4.363	4.363	0.20645	2.18215	2.18215	0.00951021	6.84565	6.84565	0.103899	2.83277	2.83277	0.0188961	5.28539	5.28539
cg04262934	HSD17B8	0.016899	0.0830685	0.636805	-1.57034	0.74167	1.0809	1.0809	0.124805	1.47813	1.47813	0.00601451	2.32595	2.32595	0.0143348	0.491614	-2.03412
cg22647810	HSD17B8	0.0254432	0.489992	0.857731	-1.16587	0.00402266	2.3296	2.3296	0.0171162	0.529409	-1.8889	0.330686	1.24566	1.24566	0.450363	0.845082	-1.18332
cg14644387	HSD17B8	0.0446001	0.0698572	0.514093	-1.94517	0.430279	1.30244	1.30244	0.0217221	2.47027	2.47027	0.0717141	1.93476	1.93476	0.984508	1.00639	1.00639
cg16579646	HSD3B1	0.000304206	0.900437	1.01973	1.01973	0.000102976	0.342059	-2.92347	4.79E-05	0.3027	-3.3036	8.50E-05	0.332034	-3.01174	0.0249633	0.659381	-1.51657
cg09371351	HSD3B2;HSD3B2	0.0138731	0.00703177	0.1737	-5.75705	0.125521	0.4348	-2.29991	0.106955	0.413112	-2.42065	0.00763538	0.178548	-5.60074	0.0014599	0.0993714	-10.0633
cg04087608	HSD3B2;HSD3B2	0.0172504	0.831213	0.956956	-1.04498	0.708559	0.925521	-1.08047	0.00976464	0.509885	-1.96123	0.00506288	0.465832	-2.14669	0.233371	1.29376	1.29376
cg20414217	HSD3B2;HSD3B2	0.033568	0.722979	0.895687	-1.11646	0.221869	0.672069	-1.48794	0.0984039	0.57064	-1.75242	0.0935533	0.565044	-1.76977	0.391299	0.761961	-1.3124
cg10917602	HSD3B7;HSD3B7;HSD3B7	0.0031098	0.939074	0.970337	-1.03057	0.00267778	5.12989	5.12989	0.00850196	3.75466	3.75466	0.00846341	3.75909	3.75909	0.240591	1.62248	1.62248
cg05016051	HSD3B7;HSD3B7;HSD3B7	0.0477387	0.668055	1.062	1.062	0.628335	1.07038	1.07038	0.123781	1.26166	1.26166	0.843099	1.02802	1.02802	0.75789	1.04406	1.04406

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00221357	0.322894	0.8478	-1.17952	0.832537	0.96634	-1.03483	0.332909	0.850856	-1.17529	0.305198	0.842241	-1.18731	13.3604	5.53283	0.368109	1
cg20902958	0.00559278	0.74022	-1.35095	0.00583052	0.741945	-1.34781	0.024054	0.800526	-1.24918	0.104143	1.15822	1.15822	11.9557	1.29425	0.0962257	1
cg19884850	0.154353	0.872377	-1.14629	0.00533789	0.71989	-1.3891	0.462061	0.935154	-1.06934	0.00836869	0.73956	-1.35216	9.80569	1.24539	0.112895	1
cg12731681	0.170495	1.39973	1.39973	0.933504	0.980958	-1.01941	0.777034	0.936684	-1.0676	0.065476	0.621067	-1.61013	6.76557	5.6873	0.747221	1
cg25180075	0.250525	0.672954	-1.48599	8.07E-05	0.0956564	-10.4541	0.282001	0.691564	-1.446	0.686574	0.874755	-1.14318	6.42901	11.0796	1.53188	1
cg15920655	0.632516	0.933248	-1.07153	0.0226995	0.676301	-1.47863	0.843098	0.971983	-1.02882	0.278457	0.850783	-1.17539	5.7496	1.87244	0.289479	1
cg19736660	0.408686	0.937359	-1.06683	0.000618974	1.4968	1.4968	0.0894178	1.15415	1.15415	0.0611947	0.850875	-1.17526	5.29762	0.491681	0.0824993	1
cg04217419	0.920372	0.966198	-1.03499	0.0367026	2.35068	2.35068	0.833921	0.930327	-1.07489	0.278481	1.47675	1.47675	5.51154	10.1055	1.42607	1
cg12445658	0.113362	2.11413	2.11413	0.0111503	3.98414	3.98414	0.131513	2.02879	2.02879	0.025751	3.16054	3.16054	4.60186	13.7607	2.65801	1
cg17054825	0.138723	1.32576	1.32576	0.000960109	2.38727	2.38727	0.0996657	0.726683	-1.37612	0.278816	0.819362	-1.22046	4.34344	2.15346	0.440707	1
cg01887374	0.804808	1.09903	1.09903	0.739281	1.13584	1.13584	0.535945	0.787392	-1.27002	0.83627	0.924115	-1.08212	3.76179	8.66457	2.04739	1
cg08867399	0.416904	1.39539	1.39539	0.385433	1.42951	1.42951	0.374695	0.693572	-1.44181	0.602184	0.809614	-1.23516	3.60519	9.20805	2.27032	1
cg02447370	0.00085762	0.316962	-3.15495	4.41E-05	0.169184	-5.91074	0.00042697	0.278079	-3.5961	0.00122579	0.337828	-2.96008	20.2893	16.9222	0.741377	1
cg21123327	0.368633	0.700674	-1.4272	0.0416167	0.404584	-2.47168	0.213673	1.65601	1.65601	0.671904	0.848648	-1.17834	3.52727	8.29	2.08912	1
cg03839709	0.810593	0.955853	-1.04619	0.959578	1.00958	1.00958	1.07E-05	5.8543	5.8543	0.0095514	1.85378	1.85378	12.3095	6.89438	0.497857	1
cg07514505	0.199892	0.836767	-1.19508	0.0454466	0.73939	-1.35247	6.70E-05	2.61462	2.61462	0.00546773	1.61741	1.61741	10.55	2.89361	0.243801	1
cg24974423	0.191433	0.912928	-1.09538	0.115032	0.893265	-1.11949	0.00258718	1.31658	1.31658	0.0042375	0.777123	-1.2868	7.77412	0.534178	0.0610776	1
cg08919528	0.256597	0.838701	-1.19232	0.112658	0.773732	-1.29244	0.621317	1.07677	1.07677	0.00484249	0.574039	-1.74204	6.06426	2.11944	0.310663	1
cg08612100	0.00628928	1.38207	1.38207	0.0934377	1.18263	1.18263	0.00561353	1.39174	1.39174	0.0576467	1.21551	1.21551	5.42922	0.710699	0.116358	1
cg16409650	0.0936816	0.716236	-1.39619	0.0281056	0.625289	-1.59926	0.682084	0.928148	-1.07741	0.142737	0.751857	-1.33004	5.28303	2.74244	0.461426	1
cg11244340	0.919708	0.966733	-1.03441	0.376098	0.737274	-1.35635	0.143161	1.6955	1.6955	0.348607	1.38236	1.38236	5.22369	9.31525	1.58513	1
cg21502551	0.496592	0.832738	-1.20086	0.499857	1.19914	1.19914	0.130335	0.648402	-1.54225	0.0145296	0.450091	-2.22177	5.1918	5.78152	0.989855	1
cg22318010	0.792879	1.02896	1.02896	0.00146533	0.607503	-1.64608	0.0259001	1.33236	1.33236	0.0977456	1.21789	1.21789	4.67366	0.871407	0.165734	1
cg27513979	0.964226	1.01682	1.01682	0.981123	0.991241	-1.00884	0.0214209	2.79496	2.79496	0.00405213	0.238101	-4.19989	4.01146	8.785	1.94665	1
cg22103637	0.0390223	0.561405	-1.78124	0.0384462	0.560152	-1.78523	0.130649	0.674047	-1.48358	0.27149	0.758335	-1.31868	3.8667	3.57613	0.822092	1
cg11722990	0.503794	0.885026	-1.12991	0.0282081	1.59442	1.59442	0.0510354	0.67026	-1.49196	0.00886129	0.548948	-1.82167	3.77678	1.93869	0.456284	1
cg08626060	0.374704	0.777079	-1.28687	0.262516	0.723694	-1.3818	0.0409423	0.520456	-1.92139	0.0120384	0.420263	-2.37946	3.55191	4.31049	1.07873	1
cg18748134	0.13934	1.22818	1.22818	0.897581	0.983501	-1.01678	0.251455	0.856596	-1.16741	0.670456	1.05686	1.05686	3.46027	0.914667	0.234964	1
cg02319392	0.000691483	0.377492	-2.64906	2.64E-05	0.209415	-4.7752	0.000128507	0.285824	-3.49866	0.982026	0.995771	-1.00425	28.1897	15.7988	0.498175	1
cg02489493	0.0110722	0.494376	-2.02275	0.480032	0.853208	-1.17205	0.0385023	0.58854	-1.69912	0.228726	0.756295	-1.32224	10.8435	8.39705	0.688342	1
cg00255799	0.170067	0.595013	-1.68064	0.962404	1.01689	1.01689	0.0288862	0.400373	-2.49767	0.605477	1.20337	1.20337	8.56617	15.2222	1.77701	1
cg10439742	0.327947	0.728366	-1.37294	0.00317149	0.282201	-3.54357	0.00369964	3.42531	3.42531	0.904043	1.03858	1.03858	7.10709	11.0896	1.38698	1
cg27405010	0.138063	0.56408	-1.7728	0.736017	0.885746	-1.12899	0.00504286	0.264528	-3.78032	0.798711	1.09596	1.09596	7.09294	14.4422	1.8099	1
cg00900105	0.0254581	0.0927695	-10.7794	0.00422659	0.0324103	-30.8544	0.0165536	0.0727281	-13.7498	0.032093	0.105609	-9.46888	5.07677	64.459	11.2861	1
cg08068296	0.985731	0.995606	-1.00441	0.1483	0.682629	-1.46492	0.15548	1.45389	1.45389	0.510965	1.17841	1.17841	4.68525	4.49872	0.8535	1
cg05518022	0.296145	0.510869	-1.95745	0.00207889	0.0591779	-16.8982	0.49875	0.654175	-1.52864	0.392655	0.581627	-1.71932	3.72382	21.9486	4.5843	1
cg00659077	0.00734141	0.445733	-2.24349	0.00882236	0.458583	-2.18063	0.363731	1.2439	1.2439	0.155554	0.700955	-1.42663	8.18284	7.0852	0.769654	1
cg11687085	0.384124	0.783326	-1.27661	0.0172948	2.211	2.211	0.000653181	4.17795	4.17795	0.183309	1.47161	1.47161	7.39469	8.77035	1.05425	1
cg18385254	0.954166	1.0295	1.0295	0.257797	0.550253	-1.81735	0.00126319	10.8121	10.8121	0.19848	1.98866	1.98866	5.00116	20.2701	3.60273	1
cg05823915	0.117702	0.413798	-2.41664	0.0117253	0.194906	-5.13069	0.6313	1.28545	1.28545	0.0311281	0.268795	-3.7203	4.16263	17.7815	3.79706	1
cg09232727	0.240454	0.785418	-1.27321	5.75E-06	0.13444	-7.43829	0.769571	0.943904	-1.05943	0.00169701	0.414291	-2.41376	35.8873	21.9539	0.543773	1
cg16189954	0.732871	0.962619	-1.03883	0.000402295	0.534833	-1.86974	0.558871	0.936382	-1.06794	0.0272365	1.33722	1.33722	6.17321	1.209	0.174086	1
cg06828613	0.561241	1.18892	1.18892	0.0277247	0.464654	-2.15214	0.374441	1.30805	1.30805	0.80106	1.07721	1.07721	4.65081	6.39092	1.22147	1
cg25471557	0.0980471	0.414135	-2.41467	0.191509	0.51083	-1.9576	0.0142353	0.230196	-4.34413	0.0161093	0.239209	-4.18045	4.22966	15.8073	3.32199	1
cg27018587	0.00894905	0.466972	-2.14146	0.121824	1.46828	1.46828	0.469859	1.1834	1.1834	0.748603	0.929005	-1.07642	3.80347	3.15965	0.738424	1
cg16688977	0.206229	0.842473	-1.18698	0.000843109	0.524432	-1.90682	0.323825	0.877212	-1.13998	0.733835	1.04486	1.04486	4.53327	1.18674	0.232697	1
cg17830754	0.348053	0.817304	-1.22353	0.0699825	0.655036	-1.52663	0.478297	0.860252	-1.16245	0.279453	0.790732	-1.26465	3.50541	2.4208	0.613857	1
cg22966060	0.137745	0.599501	-1.66805	3.73E-05	12.6476	12.6476	0.39294	1.32333	1.32333	1.21E-05	19.2928	19.2928	21.7665	35.3269	1.44266	1
cg04201285	0.000967161	0.337584	-2.96223	9.23E-05	0.213733	-4.67874	0.977532	1.00625	1.00625	0.115613	1.45954	1.45954	21.3422	16.5188	0.687997	1
cg10665844	0.88211	1.0276	1.0276	5.10E-05	4.02436	4.02436	0.000238104	3.0547	3.0547	0.318171	1.20842	1.20842	13.0032	6.93351	0.473969	1
cg18365142	0.815525	0.901712	-1.109	0.203676	1.81111	1.81111	0.00456642	5.32253	5.32253	0.000180764	16.5311	16.5311	9.77308	30.3345	2.75901	1
cg03147691	0.438809	0.733672	-1.36301	0.00211184	5.44792	5.44792	0.0138551	3.29587	3.29587	0.00881007	3.69884	3.69884	8.58843	20.9214	2.16534	1
cg10686375	0.325966	1.06918	1.06918	4.94E-07	0.395086	-2.5311	0.260794	0.925562	-1.08042	0.0353501	1.17542	1.17542	27.5049	1.89494	0.0612398	1
cg02955911	0.0376203	1.51482	1.51482	0.70103	0.93573	-1.06868	5.85E-07	10.7182	10.7182	0.318731	0.837406	-1.19416	24.7316	11.6143	0.417436	1
cg02322203	0.473591	1.23438	1.23438	0.00614826	0.356055	-2.80856	2.66E-06	26.2177	26.2177	0.485989	0.815041	-1.22693	18.879	24.9554	1.17499	1
cg07545640	0.956238	1.01607	1.01607	3.47E-05	0.0978039	-10.2245	0.558197	1.18767	1.18767	0.292425	1.37336	1.37336	9.57016	12.787	1.18767	1
cg08789908	0.41268	1.15325	1.15325	0.141534	0.764048	-1.30882	0.000463998	2.55367	2.55367	0.0863863	1.38058	1.38058	7.57587	3.47745	0.408014	1
cg02734600	0.803829	0.955011	-1.04711	0.00476923	0.500062	-1.99975	0.77612	0.948632	-1.05415	0.0224213	0.602956	-1.6585	5.06516	2.7443	0.4816	1
cg27130954	0.0949344	1.48597	1.48597	0.0458427	1.63889	1.63889	0.068589	1.55267	1.55267	0.681227	0.914711	-1.09324	4.60711	3.39887	0.655774	1
cg17035997	0.00532035	0.240137	-4.16429	0.000209619	0.0899198	-11.121	0.901165	0.952882	-1.04945	0.00957263	0.279591	-3.57665	8.08608	19.3252	2.12438	1
cg16546489	0.236722	0.689539	-1.45024	0.43918	1.26691	1.26691	0.0619159	0.532398	-1.87829	0.0168622	0.417183	-2.39703	7.03059	10.0114	1.26575	1
cg01612247	0.00458743	0.125888	-7.94357	0.00219059	0.094498	-10.5822	0.652618	1.28253	1.28253	0.00979418	0.166381	-6.0103	6.73998	32.194	4.24585	1
cg03086899	0.0281335	0.606615	-1.64849	0.130275	0.729765	-1.3703	0.497256	0.875588	-1.14209	0.0580061	0.661603	-1.51148	3.74866	2.20642	0.52319	1
cg23622369	0.168769	3.72268	3.72268	0.00674278	23.3068	23.3068	0.00885549	19.8204	19.8204	0.0147514	14.7328	14.7328	3.71143	47.2345	11.3127	1
cg14253153	0.021129	0.38571	-2.59262	0.00176064	0.216288	-4.62346	0.433021	0.759645	-1.3164	0.026386	0.404666	-2.47117	4.86907	9.10379	1.66197	1
cg21156383	0.0428293	0.0597239	-16.7437	?	?	?	?	?	?	0.0796797	0.0952553	-10.4981	3.51201	63.2179	20.572	1
cg12370284	0.0215553	0.743551	-1.3449	2.47E-06	0.293656	-3.40534	0.798864	1.02779	1.02779	0.245885	1.13916	1.13916	18.9336	3.45617	0.162259	1
cg22831514	0.00218943	0.684454	-1.46102	0.0147554	0.767353	-1.30318	0.126218	1.1572	1.1572	0.231251	1.11719	1.11719	7.1892	0.886714	0.109635	1
cg00309650	0.633259	0.941956	-1.06162	0.00222517	0.586865	-1.70397	0.223391	0.852882	-1.1725	0.94543	1.00855	1.00855	3.62294	0.887878	0.217841	1
cg07021777	0.172798	0.821881	-1.21672	6.80E-05	0.373316	-2.67869	0.499078	1.09721	1.09721	0.618739	1.07018	1.07018	10.8596	3.14412	0.257354	1
cg23575732	0.00122641	0.185695	-5.38516	5.49E-05	0.0689715	-14.4987	0.000662097	0.156225	-6.40102	0.323468	0.695515	-1.43778	15.2844	30.6889	1.78476	1
cg26786893	0.0546448	0.482963	-2.07055	0.000634655	0.173379	-5.76772	0.279198	1.45591	1.45591	0.00294786	0.255888	-3.90796	9.02703	15.937	1.56931	1
cg11948328	0.00635398	1.33663	1.33663	0.00112096	1.47974	1.47974	0.151924	0.882167	-1.13357	0.991608	0.999141	-1.00086	8.42354	0.890033	0.0939202	1
cg02468154	0.333129	1.12543	1.12543	0.982466	1.0026	1.0026	0.676314	0.95152	-1.05095	0.364926	0.895668	-1.11649	6.45607	1.43235	0.19721	1
cg02262727	0.00120941	0.335146	-2.98378	0.0330084	1.77729	1.77729	0.282122	1.2941	1.2941	0.784925	0.93885	-1.06513	5.12929	4.32233	0.749044	1
cg12467123	0.953302	0.994955	-1.00507	0.442293	0.934581	-1.07	0.27969	0.907508	-1.10192	0.466964	0.938075	-1.06601	3.56309	0.420869	0.104995	1
cg07912181	0.0812617	0.758304	-1.31873	0.00245366	0.547057	-1.82796	0.316576	0.862242	-1.15977	0.259381	1.18345	1.18345	4.88898	1.58675	0.288495	1
cg26478074	0.0681868	0.765262	-1.30674	0.0216232	0.696755	-1.43522	0.937808	1.01028	1.01028	0.0103386	1.52684	1.52684	3.48389	0.946937	0.241604	1
cg10062316	0.00539497	0.526347	-1.89989	0.00146935	2.23556	2.23556	0.603863	1.09605	1.09605	0.00953094	0.562515	-1.77773	10.8901	5.29514	0.432208	1
cg09998004	0.866708	1.03388	1.03388	0.932858	0.983426	-1.01685	0.0845298	0.684929	-1.46001	0.0541897	0.648303	-1.54249	8.45482	5.2678	0.553825	1
cg24999727	0.0465215	0.411087	-2.43257	0.248939	0.62507	-1.59982	0.0455051	0.408895	-2.44562	0.00326426	0.209363	-4.77639	7.74761	18.6556	2.14037	1
cg09013032	0.0495467	0.25495	-3.92234	0.0038972	0.0934474	-10.7012	0.130917	0.369794	-2.70421	0.0167695	0.168564	-5.93246	4.99674	29.4405	5.23728	1
cg24725522	0.00333403	0.207137	-4.82772	0.000193376	11.8521	11.8521	0.395064	0.709475	-1.40949	0.912339	0.957534	-1.04435	24.8072	61.0053	2.18593	1
cg08054901	0.00555694	0.173375	-5.76786	0.489519	0.713414	-1.40171	0.663487	0.810104	-1.23441	0.665665	0.811295	-1.2326	4.58738	16.8115	3.25755	1
cg07996880	0.127542	0.629644	-1.5882	0.00354425	3.03328	3.03328	0.108013	0.611209	-1.6361	0.487767	1.21885	1.21885	3.47305	4.33542	1.1096	1
cg15974053	0.0191088	1.37448	1.37448	8.81E-09	14.0142	14.0142	0.000533033	0.546267	-1.83061	0.171457	0.849352	-1.17737	109.705	21.8529	0.177063	1
cg16530498	0.994426	1.00109	1.00109	4.53E-07	9.28066	9.28066	0.927442	1.01435	1.01435	0.691343	1.06443	1.06443	33.8793	13.1373	0.344681	1
cg03416601	0.276186	1.23814	1.23814	1.69E-05	0.189082	-5.28872	0.011352	1.818	1.818	0.507255	0.880846	-1.13527	15.2689	8.60003	0.500656	1
cg04561261	0.00366357	0.318235	-3.14233	0.000115743	0.139556	-7.16561	0.00161496	0.267873	-3.73311	0.000613276	0.214931	-4.65265	13.6603	18.3697	1.19533	1
cg01224949	0.0133792	0.646648	-1.54644	0.0686177	1.3365	1.3365	0.137691	1.25544	1.25544	0.950964	1.00879	1.00879	12.0984	3.88019	0.285085	1
cg01148073	0.795629	1.04581	1.04581	0.113594	1.34595	1.34595	0.0695951	0.70453	-1.41939	0.00781065	0.554733	-1.80267	10.6015	5.00014	0.419241	1
cg05315365	0.00795325	0.300463	-3.3282	0.000533007	0.148789	-6.72094	0.0043411	0.260042	-3.84553	0.0372692	0.425573	-2.34978	10.229	20.2301	1.75797	1
cg26479028	0.13099	0.535012	-1.86912	0.000127423	0.0775576	-12.8936	0.00216379	0.191823	-5.21313	0.01205	0.300908	-3.32328	9.33177	21.744	2.0712	1
cg08244303	0.358826	0.818288	-1.22206	0.879002	1.03291	1.03291	0.650909	0.90772	-1.10166	0.337161	0.810327	-1.23407	6.56409	4.69634	0.635965	1
cg07307142	0.0767746	0.534487	-1.87095	0.0155896	0.389112	-2.56995	0.00123327	0.222314	-4.49814	0.0275981	0.43644	-2.29127	5.95007	9.54637	1.42614	1
cg09894383	0.16541	0.561358	-1.78139	0.00363479	0.215321	-4.64423	0.00895194	0.273212	-3.66016	0.030536	0.370854	-2.69648	4.38098	10.5677	2.14416	1
cg11554937	0.501692	1.17628	1.17628	0.203062	0.726195	-1.37704	0.19569	0.72193	-1.38518	0.683015	0.906866	-1.1027	4.70071	4.22088	0.798155	1
cg14633704	0.0976505	0.464606	-2.15236	0.311022	0.64267	-1.55601	0.203194	0.567461	-1.76224	0.0107905	0.259014	-3.86079	4.28509	12.0748	2.50477	1
cg14356530	0.033631	0.198068	-5.04876	0.0133133	0.135206	-7.39614	0.0517264	0.235847	-4.24003	0.0885523	0.293491	-3.40726	3.93842	26.5548	5.99334	1
cg09486093	0.0144197	1.70188	1.70188	0.000609961	0.394095	-2.53746	0.00870156	1.80318	1.80318	0.0138361	0.584847	-1.70985	23.9757	11.8071	0.437741	1
cg22067069	3.79E-05	0.181884	-5.49799	0.114103	1.44836	1.44836	0.47997	0.856626	-1.16737	0.0141459	0.520718	-1.92043	12.9805	9.54912	0.653915	1
cg13600362	7.33E-05	0.422008	-2.36963	0.451613	0.912345	-1.09608	0.797839	0.969763	-1.03118	0.0304342	0.737648	-1.35566	8.76331	1.98591	0.201437	1
cg12156838	0.17486	0.793017	-1.26101	0.227021	1.22609	1.22609	0.397877	1.14926	1.14926	0.17676	1.25956	1.25956	6.46937	2.64639	0.363614	1
cg18775566	0.0170956	0.69429	-1.44032	0.00401162	1.62463	1.62463	0.318415	0.87859	-1.13819	0.0308255	0.727384	-1.37479	5.4952	1.37122	0.221804	1
cg11027879	0.252341	1.76048	1.76048	0.0449224	0.336668	-2.97029	0.441387	1.44967	1.44967	0.176099	0.506435	-1.97459	4.63151	16.4119	3.1498	1
cg05185946	0.0771834	0.551493	-1.81326	0.129277	0.608689	-1.64287	0.791319	1.08363	1.08363	0.0219192	0.43484	-2.2997	4.6264	6.7216	1.29145	1
cg21878514	0.0372571	0.381062	-2.62425	0.024215	0.342265	-2.92171	0.397834	1.41262	1.41262	0.725849	0.868941	-1.15083	4.08811	10.3096	2.24164	1
ch.5.2173511R	0.274581	0.441642	-2.26428	0.114196	0.290753	-3.43935	0.122564	0.300325	-3.32972	0.245266	0.417391	-2.39583	4.01144	29.187	7.27595	1
cg10959673	0.913606	1.02173	1.02173	0.0667703	1.50258	1.50258	0.251866	0.788877	-1.26763	0.0119081	0.53697	-1.8623	3.92541	2.44009	0.552547	1
cg07793952	0.00960617	0.663975	-1.50608	0.0689453	0.77551	-1.28947	0.00302378	1.66144	1.66144	0.409906	1.11101	1.11101	13.5368	3.34509	0.219655	1
cg13377324	0.00706138	2.63282	2.63282	0.0748177	1.73625	1.73625	0.00506184	2.8024	2.8024	0.063408	1.78674	1.78674	6.4619	7.91159	1.08831	1
cg14779990	0.0130854	1.40166	1.40166	0.0122593	1.40814	1.40814	0.71397	1.04121	1.04121	0.354535	1.11015	1.11015	6.12844	1.16816	0.169434	1
cg26499232	0.72782	1.1071	1.1071	0.159595	0.645564	-1.54903	0.00724492	2.74252	2.74252	0.474324	1.236	1.236	6.54979	8.7959	1.19371	1
cg27407289	0.378551	0.884228	-1.13093	0.0760272	1.30851	1.30851	0.508993	1.09553	1.09553	0.49977	0.910924	-1.09779	4.50111	1.32226	0.261122	1
cg27018424	0.644656	1.06323	1.06323	0.0428836	0.73516	-1.36025	8.51E-06	3.5934	3.5934	0.00217667	0.566791	-1.76432	26.0696	7.19667	0.245383	1
cg21555177	0.103815	1.30556	1.30556	0.0414247	1.42271	1.42271	0.00112242	2.05247	2.05247	0.348557	0.865309	-1.15566	13.8706	4.93655	0.316355	1
cg00614834	0.304594	1.28149	1.28149	0.000126903	4.73954	4.73954	0.437385	1.203	1.203	0.650486	0.899056	-1.11228	8.94714	7.71193	0.766172	1
cg00225157	0.890417	1.02958	1.02958	0.0195738	1.8159	1.8159	0.267332	1.27683	1.27683	0.158979	0.727337	-1.37488	6.02306	4.26628	0.629621	1
cg02647520	0.535211	0.833363	-1.19996	0.00990968	2.57483	2.57483	0.059698	1.85307	1.85307	0.120644	0.61346	-1.6301	5.58382	7.45216	1.18631	1
cg00640376	0.0147247	0.383544	-2.60726	0.911082	0.964969	-1.0363	0.962723	0.985192	-1.01503	0.0167587	0.39379	-2.53943	5.43333	8.76844	1.43451	1
cg09100940	0.524897	1.20662	1.20662	0.00242849	3.4229	3.4229	0.0452614	1.95337	1.95337	0.919077	0.970811	-1.03007	5.40762	7.27771	1.19629	1
cg00155619	0.0185268	5.32424	5.32424	0.00181977	13.399	13.399	0.00813185	7.27133	7.27133	0.23521	2.07202	2.07202	5.23405	28.4246	4.82731	1
cg04262934	0.626603	0.891094	-1.12222	0.140131	0.688466	-1.4525	0.0299686	1.82305	1.82305	0.7591	0.930216	-1.07502	4.9794	4.36177	0.778634	1
cg22647810	0.400515	1.20724	1.20724	0.0527932	0.617696	-1.61892	0.471328	1.17393	1.17393	0.252871	1.2987	1.2987	4.33066	3.28507	0.674277	1
cg14644387	0.832241	0.932744	-1.07211	0.730037	0.892527	-1.12041	0.00597496	3.25292	3.25292	0.645586	1.16415	1.16415	3.53732	6.03536	1.51662	1
cg16579646	0.179635	0.800526	-1.24918	0.0526369	0.708985	-1.41047	0.0318114	0.675171	-1.48111	0.00765555	0.585597	-1.70766	16.3876	6.32464	0.343059	1
cg09371351	0.0534236	0.332172	-3.01049	0.14426	0.454788	-2.19883	0.0605321	0.345379	-2.89537	0.0128504	0.211828	-4.72081	5.31577	21.2449	3.55252	1
cg04087608	0.161525	0.734789	-1.36093	0.019799	1.78602	1.78602	0.343356	0.817738	-1.22289	0.228832	1.29734	1.29734	4.94523	3.32778	0.598158	1
cg20414217	0.0276399	0.44665	-2.23889	0.00270586	0.277351	-3.60554	0.0132014	0.3864	-2.58799	0.0325507	0.460992	-2.16924	3.92589	5.95662	1.34868	1
cg10917602	0.469435	1.3363	1.3363	0.000258753	10.6762	10.6762	0.0036056	4.72178	4.72178	0.033707	2.65633	2.65633	8.46721	20.8077	2.1844	1
cg05016051	0.360212	1.14015	1.14015	0.53487	1.09159	1.09159	0.00328463	1.74817	1.74817	0.00466056	1.68989	1.68989	3.44807	1.06175	0.273713	1

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Probeset ID	UCSC_REFGENE_NAME HSD3B7;HSD3B7;HSD3B7;HSD3B7;HSD3B7;HSD	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 1247)	Fold-Change(5 vs.3477)	p-value(3537 vs. N)	Fold-Change(5 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg02025827	3B7;HSD3B7	1	0.00172269	0.319324	1.07762	1.077362	0.151848	1.11798	1.117798	3.20E-05	1.80033	1.800033	0.135519	1.12397	1.123397	0.0336501	1.1975	1.1975	0.0551786	0.853923	-1.17107	0.360322	1.0707	1.0707	0.216045	0.909759	-1.09919	0.192221	1.10547	1.06491	0.841518	0.0742886	1
cg07359991	HSD3B7;HSD3B7;HSD3B7;SETD1A	0.0101915	0.0253606	0.583051	-1.71511	0.00121864	0.382601	-2.61369	0.0372197	0.61209	-1.63375	0.210785	0.765186	-1.30687	0.00104012	0.373232	-2.6793		0.833628	0.958205	-1.04362	0.992065	0.997984	-1.00202	0.232582	0.775629	-1.28928	0.125024	0.713881	-1.40079	5.87448	3.83299	0.579984	1
cg03380791	HSD1;HSD1;HSD1	6.75E-06	0.0114646	0.673421	-1.48497	0.0698184	0.776026	-1.28851	0.0920703	1.26102	1.26102	0.0114385	0.673145	-1.48556	0.0486514	0.754538	-1.32531		1.96E-07	0.137547	-7.27027	4.85E-06	0.270863	-3.6919	0.840702	1.025467	1.02549	0.000315168	4.36172	-2.29267	44.9096	11.125	0.220196	1
cg06485166	HSD1;HSD1;HSD1	0.00200759	0.149013	0.617087	-1.62052	0.0537147	0.504928	-1.98048	0.0044107	0.201371	-5.74973	0.86602	0.946425	-1.05661	0.000114211	0.120965	-8.26688		0.0340771	0.462296	-2.16331	0.0280638	0.445152	-2.24642	0.334673	0.733172	-1.36394	0.00732914	0.340145	-2.93992	6.63126	14.8436	1.36994	1
cg08941639	HSD1;HSD1;HSD1	0.00374962	0.0244425	0.533118	-1.87576	0.000446258	3.66831	3.66831	0.0188745	1.94887	1.94887	0.609578	1.12844	1.12844	0.450747	1.195756	1.195756		0.622072	0.88997	-1.12356	0.953425	1.0138	1.0138	0.00427974	2.45116	2.45116	0.0972852	0.652509	-1.53255	8.00672	6.98013	0.77492	1
cg05687194	HSD1;LURC5D;HSD1;L	0.0398386	0.780407	1.13522	1.13522	0.0239946	0.29466	-3.39375	0.510823	0.73884	-1.35347	0.773245	0.877126	-1.14009	0.120114	0.465259	-2.14934		0.771588	1.14122	1.14122	0.00196931	0.137409	-7.27757	0.210357	1.82029	1.82029	0.711077	0.844642	-1.18393	3.68862	12.0309	2.80921	1
cg14135146	HSD1;2	1	0.00126721	0.045476	0.787209	-1.27031	0.147524	0.850472	-1.17582	0.00463901	0.637545	-1.48112	0.786037	0.972304	-1.02796	-1.61E-07	-6.20E+06	0.161272	0.349231	0.930447	-1.10551	0.000597476	1.94319	1.94319	0.0131942	1.93982	1.93982	1.00876	1.00876	11.5513	1.98718	0.152917	1
cg14548962	HSD1;2	1	0.0306896	0.921675	0.976063	-1.02452	0.0465589	0.595695	-2.5272	0.0090401	0.4415588	0.265405	-3.76935	0.482706	1.19829	0.198433	1.00491	1.00491	0.784675	1.08479	-1.08479	0.950742	1.73927	1.73927	0.890531	1.03451	1.03451	0.2147	1.72478	1.37955	0.53594	1.89646	0.8543359	1
cg13191935	HSD1;2	1	0.03518	0.198626	1.17435	1.17435	0.344749	0.891246	-1.12202	0.0118165	0.689408	-1.45052	0.601177	1.06438	1.06438	0.02902295	1.35587	1.35587	0.0238452	1.37579	1.37579	0.28767	1.13952	1.13952	0.6103159	1.06269	1.06269	0.2193046	0.858194	-1.16524	3.85996	0.8556671	0.1970348	1
cg18345414	HSF1	1	0.0014867	0.418594	1.07577	1.07577	0.0981553	1.17303	1.173027	0.0482267	1.54155	1.541552	0.0150984	1.22681	1.22681	0.0006561	1.38002	1.38002	0.0002995	1.22121	0.8197395	1.08384	1.08384	0.0015599	2.52448	0.853092	1.03038	1.03038	0.10262	4.3785	0.3606956	1
cg16146718	HSF1	1	0.011305	0.29492	1.38098	0.00104915	0.425474	1.37841	0.0281525	0.549804	-1.81883	0.534278	1.15631	1.15631	0.803415	0.944074	-1.05924		0.784675	1.08479	1.08479	0.950852	0.580643	-1.72303	0.0426446	1.99803	1.99803	0.280187	1.39597	1.39597	5.68217	7.94603	1.24318	1
cg06346277	HSF1	1	0.0110261	0.0163858	6.37495	6.17495	0.0992943	3.36089	3.360894	0.0026864	5.92404	4.50404	0.0062972	2.98823	2.988823	0.191437	0.4238659	-2.35924	0.185605	0.55379	-1.80627	0.0004116	1.00199	1.00199	0.0081934	2.22625	0.822625	1.53868	1.53868	34.0663	5.42218	1
cg26904198	HSF1	1	0.0363663	0.264757	0.755213	-1.32431	0.080273	1.60534	1.60534	0.0360396	1.82111	1.82111	0.785743	1.06761	1.067611	0.144651	0.683701	1.46263	0.0420215	0.562652	-1.7773	0.0878855	1.58267	1.58267	0.0917802	0.636166	-1.57192	0.0675307	0.606224	-1.64956	4.16436	3.71955	0.694702	1
cg14156931	HSF1;BOP1	1	9.69E-05	0.716919	1.08765	1.08765	0.189197	0.725474	-1.37841	0.0281525	0.549804	-1.81883	0.534278	1.15631	1.15631	0.803415	0.944074	-1.05924	0.42137	1.20828	1.20828	8.46E-07	0.0483054	-20.7016	0.502088	1.1666	1.1666	0.258104	0.761638	-1.31296	0.292162	1.98251	18.8257	0.749525	1
cg19541453	HSF2;HSD3	1	2.42E-05	0.0156452	1.93577	0.00462809	0.307874	-1.34809	0.0025101	0.156057	6.40656	0.00034284	0.164164	6.09146	0.000184083	0.137943	-7.24936		7.32E-05	0.104259	-9.59551	1.71E-06	0.0234011	-42.733	0.213485	0.663251	-1.50773	0.000184942	0.157999	-7.24642	32.9151	21.1252	1.38308	1
cg09000455	HSF2;HSF2	1	0.00187664	0.278873	1.48404	1.48404	0.0544095	-2.465207	-2.14958	0.595682	1.20656	1.20656	0.00238112	0.226494	-4.41513	0.0490837	0.454889	-2.19834	0.324202	1.42902	1.42902	7.02E-05	0.0785601	-12.7291	0.774456	1.10599	1.10599	0.607389	1.19927	1.19927	9.82217	19.1246	1.73074	1
cg09388161	HSF2;HSF2	1	0.0108083	0.135502	0.588407	-1.69762	0.529536	1.23653	1.236531	0.36135	1.36721	1.36721	0.541114	1.22903	1.22903	0.806064	1.08545	1.08545	0.850406	1.06494	1.06494	0.000168303	0.122194	-8.18375	0.711128	1.13201	1.13201	0.459463	1.28539	1.76506	10.1451	1.56423	1
cg12657853	HSF2;HSF2	1	0.0196552	0.628153	1.60645	1.60645	0.0662989	2.06083	1.260831	0.113443	1.21389	1.213886	0.715504	1.0425	1.042501	0.0076706	1.88394	1.88394	0.226839	1.15347	1.15347	0.0467049	0.779937	-1.29209	0.0478212	1.28996	1.28996	0.0443728	1.53296	1.53296	4.7242	0.9490229	0.178256	1
cg18108111	HSF2;HSF2	1	0.0330426	0.516168	0.849532	-1.17712	0.00702164	0.421734	-2.37116	0.36707	0.794916	-1.258	0.211533	1.38545	1.38545	0.00933003	2.26329	2.26329	0.142048	1.47846	1.47846	0.335328	1.27903	1.27903	0.663249	1.11463	1.11463	0.480954	0.8374	-1.19417	3.94822	3.83679	0.863801	1
cg25023829	HSF2BP	1	0.00203152	0.00265735	2.53021	1.86003	0.0480004	0.543364	-2.12061	0.0170776	0.838894	-1.56482	0.141772	0.780466	-1.27248	0.00834354	0.585345	1.07931	0.0408716	0.607471	-1.43375	0.0404361	1.76364	1.76364	0.0637977	1.39021	1.39021	0.06752	2.47261	21.9593	8.01418	0.328048	1
cg09693765	HSF2BP	1	0.00115284	0.430047	0.869437	-1.15017	0.110918	1.35211	1.352111	0.263889	0.816859	-1.2242	0.489725	0.885256	-1.12962	0.000264869	0.353249	-2.83086	0.000616356	0.400217	-2.49865	0.835505	0.964529	-1.03678	0.0127775	1.71133	1.71133	0.0026683	0.480052	-2.05739	11.3003	5.1996	0.424737	1
cg15536230	HSF2BP	1	0.00138122	0.0706655	0.582369	-1.71712	0.392631	1.36415	1.364151	0.0010897	2.87479	-1.68361	0.0151276	0.599173	-1.66797	0.000162	0.178478	5.60293	0.319715	1.3168	1.3168	0.0041209	0.294509	-3.40943	0.0244273	-1.06126	0.0136561	0.438653	-2.2797	10.731	12.1753	1.08052	1
cg16267304	HSF2BP	1	0.00855131	0.289815	1.12069	1.12069	0.309456	1.11526	1.11526	0.0413619	1.27637	1.27637	0.031774	0.770249	-1.29828	0.302029	0.8950534	1.11728	0.942491	1.00751	1.00751	0.000500662	1.75868	1.75868	0.0723986	1.23113	1.23113	0.0606626	1.24527	1.24527	6.21219	1.0583	0.15143	1
cg04819337	HSF2BP	1	0.0220304	0.0115965	0.189154	-5.2867	0.186984	0.479056	-2.09118	0.0260189	0.240086	-4.03086	0.0917601	0.375425	-2.66326	0.0015045	0.0896359	-11.1563	0.101844	0.388707	-2.57263	0.134794	0.1904	0.1904	0.0260189	3.74684	0.267004	1.17684	1.17684	0.110781	0.399784	-2.50135	4.48202	19.7673	3.91961	1
cg01579765	HSF2BP	1	0.0017756	0.0147387	0.364787	-2.74191	0.0148172	0.454521	-2.19945	0.0210072	0.280698	-3.83171	0.0175563	0.428026	-2.33631	0.181383	0.0930468	-10.7482	0.0195431	0.255621	-3.91434	0.0010372	0.0946502	-10.5672	0.0134011	-2.86359	0.0013577	0.0146366	-6.87573	0.51667	18.3927	37.4227	7.87085	1
cg01382488	HSF2BP	1	0.0440565	0.619123	1.1355	1.1355	0.130014	1.51392	1.513922	0.554578	1.16365	1.16365	0.271099	1.33714	1.33714	0.0941787	0.627126	-1.59458	0.00197527	0.330061	-3.02974	0.942697	1.0184	1.0184	0.634424	1.12915	1.12915	0.329066	0.774589	-1.29301	3.66776	3.73505	0.905196	1
cg04509940	HSF2BP;HSF2BP_RRP1B	1	0.0017659	0.556.05	1.176188	1.92303	0.301304	1.22044	1.22044	0.210844	1.69807	1.69807	0.44316	0.985176	1.155831	0.0908307	0.54434	-1.8371	0.0051266	0.504081	-1.98381	0.0424765	1.25194	1.25194	0.0731751	0.933794	0.93794	-1.06662	0.388752	1.17775	1.17775	0.54899	0.547082	0.482881	1
cg03456938	HSF4;FBXL8;HSF4	1	0.000651228	0.0145758	1.75407	1.75407	0.0531962	1.51327	1.513275	0.123356	0.732161	-1.36582	0.000213783	1.17366	1.17366	0.103759	1.29021	1.29021	0.049761	0.658349	-1.51895	0.341165	0.832597	-1.20106	0.653818	0.08797	1.08797	0.0001026	0.547736	1.47736	13.2766	2.3357	0.491135	1
cg04845649	HSF4;HSF4	1	0.00425533	0.015416	3.92702	3.92702	0.036728	3.05455	3.05455	0.27603	1.68437	1.68437	0.207345	1.8438	1.8438	0.00928934	4.5661	4.5661	0.00977998	4.49584	4.49584	0.000244747	16.2654	16.2654	0.00401053	5.92438	5.92438	0.013362	4.09616	4.09616	7.70715	25.8448	2.98077	1
cg08311260	HSF4;HSF4	1	0.0406092	0.0630779	2.84386	2.84386	0.0513351	2.64364	2.643644	0.0135116	3.01657	3.016573	0.0108633	3.16211	3.162113	0.0098345	3.24286	3.24286	0.0399728	0.6015	1.66232	0.0883054	0.474152	2.10826	0.212348	0.70516	1.41853	0.0010132	1.10626	1.10626	1.47778	5.30111	0.628703	1
cg04235075	HSF4;HSF4	1	0.0193986	0.0614843	4.29968	4.29968	0.104249	2.4201	3.4201	0.534374	1.54602	1.54602	0.184075	2.65275	2.65275	0.257504	2.51981	2.51981	0.0651788	2.19295	2.19295	0.00417238	14.2669	14.2669	0.00888092	10.0294	10.0294	0.0307349	5.795	5.795	3.70372	28.1189	6.7485	1
cg05436064	HSF4;HSF4;FBXL8	1	0.0914724	0.153432	1.6493	1.6493	0.0753	1.33235	1.332353	0.0674212	-14.8321	0.0674212							?	?	?	?	?	?	?	?	?	?	?	?	1.72657	8.73776	17.4038	4.64752	1
cg18705279	HSF4;HSF4;FBXL8	1	0.0140038	0.864925	0.98112	-1.01924	0.00137246	1.68166	1.68166	0.370322	1.10848	1.10848	0.774482	0.968351	-1.03268	0.17079	0.849353	-1.17737	0.522009	0.929928	-1.07535	0.473532	1.08503	1.08503	0.13914	0.836769	-1.19507	0.00468961	1.52312	1.52312	5.29941	0.9519	0.176439	1
cg25148282	HSF5	1	3.56E-05	0.00525345	0.430278	-2.32408	0.0475438	0.594976	-1.68074	0.248109	1.31867	1.31867	0.040128	0.582597	-1.71645	3.38E-05	0.0170254	-58.7497	0.000194344	0.237754	-4.20603	2.97E-05	0.0078778	-12.8006	0.00204081	0.369335	-2.70757	4.54E-05	0.170879	-5.85209	29.1147	24.2037	0.738954	1
cg02593305	HSF5	1	0.000829532	0.0386719	0.482369	-1.79712	0.392631	1.36415	1.364151	0.0010897	2.87479	-1.68361	0.0151276	0.599173	-1.66797	0.000162	0.178478	5.60293	0.319715	1.3168	1.3168	0.0041209	0.294509	-3.40943	0.0244273	-1.06126	0.0136561	0.438653	-2.2797	10.731	12.1753	1.08052	1
cg02464360	HSF5	1	0.00249277	0.0098036	1.71545	1.71545	0.000186457	2.83668	2.83668	0.621918	1.08563	1.08563	0.0757301	1.38643	1.38643	0.792372	1.04457	1.04457	0.0204259	1.58695	1.58695	0.00110649	2.21364	2.21364	0.0115449	1.68554	1.68554	0.00442333	1.79669	1.79669	0.03974	3.91123	0.384596	1
cg04456800	HSF5	1	0.0034531	0.0180453	2.55185	2.55185	0.0207029	0.705701	-1.41679	0.0129	0.846014	-1.44186	0.0402599	0.710019	1.090387	0.090387	0.0791876	0.674629	-1.48219	0.0422372	1.13965	0.122537	0.0121555	1.39981	0.0082662	0.0056168	0.679311	-1.47234	0.74627	0.0284	0.634466	0.5093	1
cg00545916	HSF5	1	0.00955115	0.0172536	4.51503	4.51503	0.0794227	2.75033	2.75033	0.324026	3.67339	3.67339	0.0162304	2.52908	2.52908	0.0370798	2.67215	2.67215	0.0377856	1.49662	1.49662	0.0205666	9.54614	9.54614	0.00650098	4.28347	4.28347	0.00933394	5.47443	5.47443	5.99792	25.6491	3.80118	1
cg25793387	HSF5	1	0.0119184	0.0858863	0.549691	-1.8192	0.386872	1.32267	1.32267	0.926228	0.971224	-1.02963	0.565165	1.2012	1.2012	0.00305593	0.278295	-3.59331	0.0226893	0.423147	-2.36324	0.00488175	0.308412	-3.24242	0.0581841	1.96403	1.96403	0.712096	0.889703	-1.12397	5.58584	8.79405	1.39942	1
cg00878163	HSF5;HSF5	1	0.0500084	0.0178865	0.329903	-3.03052	0.0270701	0.69229	-1.44509	0.0122733	0.81035	0.81035	0.187582	0.652864	-1.53171	0.858237	1.0561	1.0561	0.0008024448	0.212465	-4.65875	0.0396898	0.767317	-1.30324	0.463774	0.796384	-1.25557	0.0879974	0.562797	-1.77684	0.923007	0.970917	-1.02995	0.832667	5.65814	1.31226	1
cg26046487	HSF7;HSF7;HSF7;HSF2;HSF1;HSF1	1	0.0413643	0.0613643	1.63966	1.63966	0.0215	2.32476	2.324756	0.316038	1.05055	1.05055	0.0650527	1.36751	1.367511	0.0114902	1.24607	1.24607	0.0157538	1.38183	1.38183	0.0139343	2.24936	2.24936	0.0077748	1.64507	1.64507	0.0129554	1.55863	1.55863	0.9222	3.48134	0.554644	0.78905	1
cg19961720	HSF9P1	1	0.00226517	0.0102382	0.498465	-2.00616	0.000515332	3.20819	3.20819	0.198233	1.33975	1.33975	0.0667309	1.55607	1.55607	0.158136	0.722849	-1.38341	0.0193483	0.255621	-3.91434	0.0010372	0.0946502	-10.5672	0.0134011	-2.86359	0.0013577	0.0146366	-6.87573	0.51667	18.3927	37.4227	7.87085	1
cg02419965	HSH2D	1	0.0011745	0.0311889	0.671331	-1.48961	0.448412	1.13129	1.12529	0.213674	1.69807	1.69807	0.44316	0.985176	1.155831	0.0908307	0.54434	-1.8371	0.0051266	0.504081	-1.98381	0.0424765	1.25194	1.25194	0.0731751	0.933794	0.93794	-1.06662	0.388752	1.17775	1.17775	0.54899	0.547082	0.482881	1
cg15684990	HSH2D	1	0.00264334	0.052342	1.44515	1.44515	0.00392928	0.521431	0.18705	0.0252712	0.043884	0.15593	0.0133812	0.762373	0.3169	0.0169239	1.24202	1.24202	0.0153793	1.64723	0.427802	1.14551	1.02E-05	0.20472	-4.88473	0.970174	0.10325	0.10125	0.107291	7.59444	0.396417	1
cg17895870	HSH2D	1	0.00138885	0.245511	1.30137	1.30137	0.389924	0.210153	1.210153	0.859896	1.03906	1.03906	0.558831	0.879676	-1.13678	0.0132312	1.94628	1.94628	0.00815451	0.479824	-2.0841	0.000153893	0.24495	-4.08247	0.00153206	0.371989	-2.68825	0.188295	0.739104	-1.35299	10.7141	7.98027	0.662079	1
cg03811260	HSH2D	1	0.0406092	0.0630779	2.84386	2.84386	0.0513351	2.64364	2.643644	0.0135116	3.01657	3.016573	0.0108633	3.16211	3.162113	0.0098345	3.24286	3.24286	0.0399728	0.6015	1.66232	0.0883054	0.474152	2.10826	0.212348	0.70516	1.41853	0.0010132	1.10626	1.10626	1.47778	5.30111	0.628703	1
cg04235075	HSH4	1	0.0193986	0.0614843	4.29968	4.29968	0.104249	2.4201	3.4201	0.534374	1.54602	1.54602	0.184075	2.65275	2.65275	0.257504	2.51981	2.51981	0.0651788	2.19295	2.19295	0.00417238	14.2669	14.2669	0.00888092	10.0294	10.0294	0.0307349	5.795	5.795	3.70372	28.1189	6.7485	1
cg05436064	HSH4;HSH4;FBXL8	1	0.0914724	0.153432	1.6493	1.6493	0.0753	1.33235	1.332353	0.0674212	-14.8321	0.0674212							?	?	?	?	?	?	?	?	?	?	?	?	1.72657	8.73776	17.4038	4.64752	1
cg18705279	HSH4;HSH4;FBXL8	1	0.0140038	0.864925	0.98112	-1.01924	0.00137246	1.68166	1.68166	0.370322	1.10848	1.10848	0.774482	0.968351	-1.03268	0.17079	0.849353	-1.17737	0.522009	0.929928	-1.07535	0.473532	1.08503	1.08503	0.13914	0.836769	-1.19507	0.00468961	1.52312	1.52312	5.29941	0.9519	0.176439	1
cg25148282	HSH5	1	3.56E-05	0.00525345	0.430278	-2.32408	0.0475438	0.594976	-1.68074	0.248109	1.31867	1.31867	0.040128	0.582597	-1.71645	3.38E-05	0.0170254	-58.7497	0.000194344	0.237754	-4.20603	2.97E-05	0.0078778	-12.8006	0.00204081	0.369335	-2.70757	4.54E-05	0.170879	-5.85209	29.1147	24.2037	0.738954	1
cg02593305	HSH5	1	0.000829532	0.0386719	0.482369	-1.79712	0.392631	1.36415	1.364151	0.0010897	2.87479	-1.68361	0.0151276	0.599173	-1.66797	0.000162	0.178478	5.60293	0.319715	1.3168	1.3168	0.0041209	0.294509	-3.40943	0.0244273	-1.06126	0.0136561	0.438653	-2.2797	10.731	12.1753	1.08052	1
cg02464360	HSH5	1	0.00249277	0.0098036	1.71545	1.71545	0.000186457	2.83668	2.83668	0.621918	1.08563	1.08563	0.0757301	1.38643	1.38643	0.792372	1.04457	1.04457	0.0204259	1.58695	1.58695	0.00110649	2.21364	2.21364	0.0115449	1.68554	1.68554	0.00442333	1.79669	1.79669	0.03974	3.91123	0.384596	1
cg04456800	HSH5	1	0.0034531	0.0180453	2.55185	2.55185	0.0207029	0.705701	-1.41679	0.0129	0.846014	-1.44186	0.0402599	0.710019	1.090387	0.090387	0.0791876	0.674629	-1.48219	0.0422372	1.13965	0.122537	0.0121555	1.39981	0.0082662	0.0056168	0.679311	-1.47234	0.74627	0.0284	0.634466	0.5093	1
cg00545916	HSH5	1	0.00955115	0.0172536	4.51503	4.51503	0.0794227	2.75033	2.75033	0.324026	3.67339	3.67339	0.0162304	2.52908	2.52908	0.0370798	2.67215	2.67215	0.0377856	1.49662	1.49662	0.0205666	9.54614	9.54614	0.00650098	4.28347	4.28347	0.00933394	5.47443	5.47443	5.99792	25.6491	3.80118	1
cg25793387	HSH5	1	0.0119184	0.0858863	0.549691	-1.8192	0.386872	1.32267	1.32267	0.926228	0.971224	-1.02963	0.565165	1.2012	1.2012	0.00305593	0.278295	-3.59331	0.0226893	0.423147	-2.36324	0.00488175	0.308412	-3.24242	0.0581841	1.96403	1.96403	0.712096	0.889703	-1.12397	5.58584	8.79405	1.39942	1
cg00878163	HSH5;HSH5	1	0.0500084	0.0178865	0.329903	-3.03052	0.0270701	0.69229	-1.44509	0.0122733	0.81035	0.81035	0.187582	0.652864	-1.53171	0.858237	1.0561	1.0561	0.0008024448	0.212465	-4.65875	0.0396898	0.767317	-1.30324	0.463774	0.796384	-1.25557	0.0879974	0.562797	-1.77684	0.923007	0.970917	-1.02995	0.832667	5.65814	1.31226	1
cg25997426	HSH5;MTMR4	1	0.0158751	0.155621	0.628848	-1.59021	0.399766	0.30105	0.30105	0.187582	0.652864	-1.53171	0.858237	1.0561	1.0561	0.0008024448	0.212465	-4.65875	0.396898	0.767317	-1.30324	0.463774	0.796384	-1.25557	0.0879974	0.562797	-1.77684	0.923007	0.970917	-1.02995	0.832667	5.65814	1.31226	1
cg26046487	HSF1;HSF1;HSF2;HSF2;HSF1;HSF1	1	0.0413643	0.0613643	1.63966	1.63966	0.0215	2.32476	2.324756	0.316038	1.05055	1.05055	0.0650527	1.36751	1.367511	0.0114902	1.24607	1.24607	0.0157538	1.38183	1.38183	0.0139343	2.24936	2.24936	0.0077748	1.64507	1.64507	0.0129554	1.55863	1.55863	0.9222	3.48134	0.554644	0.78905	1
cg19961720	HSF9P1	1	0.00226517	0.0102382	0.498465	-2.00616	0.000515332	3.20819	3.20819	0.198233	1.33975	1.33975	0.0667309	1.55607	1.55607	0.158136	0.722849	-1.38341	0.0193483	0.255621	-3.91434	0.0010372	0.0946502	-10.5672	0.0134011	-2.86359	0.0013577	0.0146366	-6.87573	0.51667	18.3927	37.4227	7.87085	1
cg02419965	HSH2D	1	0.0011745	0.0311889	0.671331	-1.48961	0.448412	1.13129	1.12529	0.213674	1.69807	1.69807	0.44316	0.985176	1.155831	0.0908307	0.54434	-1.8371	0.0051266	0.504081	-1.98381	0.0424765	1.25194	1.25194	0.0731751	0.933794	0.93794	-1.06662	0.388752	1.17775	1.17775	0.54899	0.547082	0.482881	1
cg15684990	HSH2D	1	0.00264334	0.052342	1.44515	1.44515	0.00392928	0.521431	0.18705	0.0252712	0.043884	0.15593	0.0133812	0.762373	0.3169	0.0169239	1.24202	1.24202	0.0153793	1.64723	0.427802	1.14551	1.02E-05	0.20472	-4.88473	0.970174	0.10325	0.10125	0.107291	7.59444	0.396417	1
cg17895870	HSH2D	1	0.0013885	0.245511	1.30137	1.30137	0.389924	0.210153	1.210153	0.859896	1.03906	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17353079	HSPA1L	0.0100662	0.938539	0.986352	-1.01384	0.750112	1.05859	1.05859	0.67219	0.926958	-1.0788	0.373863	1.17665	1.17665	0.0106298	0.564139	-1.77261	0.0751939	0.702534	-1.42342	0.452834	0.872594	-1.14601	0.000573252	2.58596	2.58596	0.475869	0.878801	-1.13791	5.89815	2.96651	0.447072	1
cg05467212	HSPA1L	0.0123853	0.392909	0.884183	-1.13099	0.0772838	0.758636	-1.31816	0.15818	0.808813	-1.23638	0.905381	0.983415	-1.01686	0.119372	0.788446	-1.26832	0.129691	1.2589	1.2589	0.000657115	2.08373	2.08373	0.138159	1.25172	1.25172	0.944042	0.990176	-1.00992	5.51657	1.72819	0.278464	1
cg12686847	HSPA1L	0.0133383	0.0272135	0.324269	-3.08386	0.025665	0.319182	-3.133	0.0218447	0.305555	-3.27274	0.439732	0.712105	-1.40429	0.00344808	0.180626	-5.5363	0.0177483	0.288745	-3.46327	0.0042191	0.1919	-5.21105	0.777277	0.884977	-1.12997	0.0155143	0.278283	-3.59347	5.38473	15.8327	2.6136	1
cg10054630	HSPA1L	0.0137351	0.509571	0.923287	-1.08309	0.0390082	0.751976	-1.32983	0.324175	0.885611	-1.12916	0.743531	0.961588	-1.03995	0.0172611	1.4135	1.4135	0.337531	1.1252	1.1252	0.00120133	1.76127	1.76127	0.421736	0.906726	-1.10287	0.326599	0.886184	-1.12843	5.33324	1.20228	0.200384	1
cg03243683	HSPA1L	0.0154715	0.675619	1.07602	1.07602	0.00670629	0.54218	-1.84441	0.0418527	0.66475	-1.50433	0.346202	0.844606	-1.18398	0.233447	1.24296	1.24296	0.981706	0.996016	-1.004	0.00291566	2.03825	2.03825	0.244722	1.23597	1.23597	0.604353	0.913015	-1.09527	5.12787	2.46155	0.426696	1
cg13202415	HSPA1L	0.0160107	0.0028529	0.63824	-1.56681	0.1625	0.84952	-1.17713	0.00425478	0.658107	-1.51951	0.663389	1.04906	1.04906	0.00929327	0.697024	-1.43467	0.227137	0.870509	-1.14875	0.272018	1.13321	1.13321	0.864352	0.981473	-1.01888	0.275862	0.883403	-1.13199	5.06986	0.960475	0.168398	1
cg07624424	HSPA1L	0.0186704	0.0156065	0.463264	-2.15859	0.945641	0.98246	-1.01785	0.165003	1.46871	1.46871	0.235337	1.38096	1.38096	0.254317	0.734245	-1.36194	0.0572203	0.572175	-1.74772	0.00138315	0.300164	-3.33151	0.669777	1.11777	1.11777	0.709113	0.907327	-1.10214	4.81544	5.13668	0.948188	1
cg16587174	HSPA1L	0.0197606	0.0608985	0.307704	-3.24988	0.435244	0.641379	-1.55914	0.0550476	0.297114	-3.36571	0.191749	0.462547	-2.16194	0.00112818	0.0689831	-14.4963	0.015872	0.19241	-5.19723	0.096526	0.361325	-2.76759	0.0893992	0.351729	-2.8431	0.010087	0.16345	-6.11809	4.72384	23.287	4.38193	1
cg09777095	HSPA1L	0.0357666	0.643301	0.874058	-1.14409	0.00311609	0.311289	-3.21245	0.333908	0.750003	-1.33333	0.0415378	0.507435	-1.9707	0.448942	0.800332	-1.24948	0.0452725	0.515328	-1.94051	0.595702	0.856781	-1.16716	0.754476	1.09478	1.09478	0.00785895	0.373636	-2.6764	3.83688	5.06308	1.17296	1
cg19811425	HSPA1L	0.0437591	0.271928	0.767461	-1.303	0.00987561	2.12663	2.12663	0.0332541	1.77878	1.77878	0.604725	1.12845	1.12845	0.387453	0.814638	-1.22754	0.279152	1.29745	1.29745	0.142524	1.44024	1.44024	0.0738506	0.630579	-1.58584	0.135364	1.45136	1.45136	3.56256	3.02199	0.754014	1
cg01195803	HSPA1L	0.0440956	0.0269363	0.241323	-4.14382	0.0329096	0.258269	-3.87193	0.0236887	0.231001	-4.32899	0.195086	0.475409	-2.10345	0.0126083	0.185827	-5.38136	0.137685	0.420056	-2.38064	0.0148896	0.196916	-5.07832	0.646964	0.778648	-1.28428	0.0620804	0.319902	-3.12596	3.55239	16.5628	4.14439	1
cg21467935	HSPA1L;HSPA1A	0.00895558	0.031821	0.418127	-2.39162	0.349256	1.39647	1.39647	0.083673	1.94151	1.94151	0.539333	1.24033	1.24033	0.00277924	0.239461	-4.17604	0.568272	1.22125	1.22125	0.493188	0.7857	-1.27275	0.00179553	0.214516	-4.66166	0.140957	0.577654	-1.73114	6.12198	11.6455	1.69089	1
cg18424091	HSPA1L;HSPA1A	0.0352692	0.135909	0.570239	-1.75365	0.264584	1.50146	1.50146	0.174516	1.65673	1.65673	0.0145289	2.86433	2.86433	0.0170882	0.361989	-2.76252	0.31262	1.44063	1.44063	0.140358	0.574391	-1.74097	0.255885	0.660625	-1.51372	0.3474	0.713063	-1.4024	3.85642	7.46223	1.72001	1
cg17186760	HSPA1L;HSPA1A	0.0470234	0.130049	1.24902	1.24902	0.0423774	1.37422	1.37422	0.00355513	1.71113	1.71113	0.739915	1.04634	1.04634	0.386731	1.12823	1.12823	0.173995	1.21733	1.21733	0.938002	0.989478	-1.01063	0.161919	0.816216	-1.22517	0.334168	0.87333	-1.14504	3.46776	1.01549	0.2603	1
cg16164092	HSPA1L;HSPA1L;HSPA1A	2.95E-05	3.97E-05	7.7346	7.7346	0.000157277	4.97475	4.97475	1.86E-05	10.297	10.297	?	?	?	0.0177444	1.85876	1.85876	0.000435455	3.79434	3.79434	3.36E-05	0.121796	-8.21046	0.452456	0.857432	-1.16627	0.0150618	1.90618	1.90618	64.5508	34.4835	0.400655	1
cg03096830	HSPA1L;HSPA1L;HSPA1A	0.0266897	0.0773211	2.91212	2.91212	0.0356705	3.95588	3.95588	0.0130204	6.1527	6.1527	0.0359588	0.253626	-3.94282	?	?	?	0.817505	0.889402	-1.12435	?	?	?	?	?	?	0.331251	0.595511	-1.67923	6.76185	16.8093	2.07159	1
cg08161617	HSPA2	2.30E-07	1.44E-06	0.191869	-5.21189	0.00526261	1.64188	1.64188	0.232525	1.18377	1.18377	0.276928	1.1646	1.1646	0.226024	0.842562	-1.18686	0.00118924	1.89715	1.89715	0.0207548	0.687195	-1.45519	5.22E-09	29.6525	29.6525	0.720216	0.952692	-1.04966	106.531	30.6353	0.25562	1
cg13210403	HSPA2	6.85E-07	0.0333821	1.42834	1.42834	9.03E-06	3.96857	3.96857	6.85E-05	2.84079	2.84079	0.00238453	1.83527	1.83527	0.639334	1.07003	1.07003	0.000800725	2.06633	2.06633	0.00296617	1.79459	1.79459	6.72E-09	32.8987	32.8987	0.218014	1.2042	1.2042	80.7631	26.3021	0.289484	1
cg14060296	HSPA2	4.59E-06	0.0467052	0.657078	-1.52189	1.86E-06	8.89409	8.89409	3.17E-06	7.67217	7.67217	0.275024	0.811056	-1.23296	0.131104	0.74038	-1.35066	1.41E-05	5.31169	5.31169	0.00038552	0.35189	-2.8418	0.000311989	2.9392	2.9392	0.523092	1.12676	1.12676	49.6253	26.7254	0.478706	1
cg25009451	HSPA2	1.00E-05	0.594968	1.17868	1.17868	0.000732079	4.81894	4.81894	0.0114043	2.63838	2.63838	0.019729	0.42201	-2.36961	0.0415609	0.48679	-2.05427	0.0125351	0.386188	-2.58941	0.00694831	2.91536	2.91536	1.71E-07	140.284	140.284	0.165338	1.57359	1.57359	40.5336	60.2553	1.32138	1
cg24765602	HSPA2	6.09E-05	1.74E-05	0.172747	-5.78881	0.000298657	3.23694	3.23694	0.486909	1.15142	1.15142	0.0180882	1.77366	1.77366	?	?	?	0.000580094	2.8928	2.8928	0.28198	1.25003	1.25003	0.000288766	3.25611	3.25611	0.969025	1.00778	1.00778	25.9156	14.5353	0.56087	1
cg19619721	HSPA2	0.00036805	0.242645	1.31186	1.31186	4.44E-06	10.4397	10.4397	0.457049	1.1831	1.1831	0.202919	0.742012	-1.34769	0.0210843	1.85116	1.85116	0.262988	1.29572	1.29572	0.0894761	0.659914	-1.51535	0.0968017	1.49879	1.49879	0.774787	1.06575	1.06575	15.5527	12.1389	0.693776	1
cg00880494	HSPA2	0.000368744	0.531517	0.934428	-1.07017	0.00515573	1.48477	1.48477	0.0741607	1.2373	1.2373	0.00810393	1.43734	1.43734	0.00373632	0.657701	-1.52045	0.0921689	1.2194	1.2194	0.603511	1.05767	1.05767	1.50E-05	2.61363	2.61363	0.282772	0.887425	-1.12686	15.5447	2.81912	0.161205	1
cg12120359	HSPA2	0.00147797	0.0116432	0.363737	-2.74924	0.0134648	2.66777	2.66777	0.139385	1.66559	1.66559	0.971796	1.0114	1.0114	0.000157153	0.125667	-7.95754	0.0746495	1.89058	1.89058	0.0667497	1.93334	1.93334	0.0208572	2.43975	2.43975	0.44932	0.780933	-1.28052	10.5243	17.1457	1.44814	1
cg03005055	HSPA2	0.00193297	0.402045	0.821832	-1.21679	0.0465299	1.68469	1.68469	0.00864972	2.15078	2.15078	0.199193	0.733178	-1.36393	0.128067	1.45702	1.45702	0.162857	1.40611	1.40611	0.20189	1.36112	1.36112	3.73E-05	6.12864	6.12864	0.159426	1.41059	1.41059	9.73807	8.07323	0.736922	1
cg08317373	HSPA2	0.00227851	0.371067	0.8028	-1.24564	0.00272096	2.69112	2.69112	0.00224683	2.78137	2.78137	0.915057	0.974807	-1.02584	0.947132	1.01599	1.01599	0.965463	1.01041	1.01041	0.530469	0.859017	-1.16412	0.000136698	4.84551	4.84551	0.0931063	1.55549	1.55549	9.2815	8.4072	0.805157	1
cg26078793	HSPA2	0.00254475	0.0129425	0.282317	-3.54212	0.00476161	4.6487	4.6487	0.511286	1.31407	1.31407	0.698731	1.17286	1.17286	0.00267205	0.182246	-5.48708	0.0183876	3.23087	3.23087	0.00717295	4.15011	4.15011	0.0129405	3.54226	3.54226	0.912235	1.04624	1.04624	8.98498	23.9178	2.3662	1
cg12873692	HSPA2	0.0026084	0.193933	1.61566	1.61566	0.00471012	3.70935	3.70935	0.0274902	2.48461	2.48461	0.0709947	2.02195	2.02195	0.535725	0.8034	-1.24471	0.00109342	0.186124	-5.37276	0.600595	0.831611	-1.20249	0.00152081	4.92147	4.92147	0.274554	1.4871	1.4871	8.91979	17.2119	1.71523	1
cg26421140	HSPA2	0.00356692	0.0191914	0.292778	-3.41556	0.0131835	3.78936	3.78936	0.245412	1.69333	1.69333	0.445343	1.40112	1.40112	0.00104038	0.121859	-8.20619	0.0704097	2.40287	2.40287	0.0248926	3.18133	3.18133	0.0169663	3.53332	3.53332	0.675049	0.832949	-1.20055	8.12759	24.1914	2.64574	1
cg13782781	HSPA2	0.00393682	0.0604024	0.252442	-3.96131	0.00185739	17.6563	17.6563	0.0175698	6.54216	6.54216	0.141575	2.79406	2.79406	0.0462403	0.226627	-4.41253	0.0109907	7.95712	7.95712	0.030133	5.24691	5.24691	0.00436499	11.8846	11.8846	0.168609	2.595	2.595	7.89025	52.8049	5.94883	1
cg25598086	HSPA2	0.00576452	0.803122	0.875722	-1.14191	0.00233944	30.7952	30.7952	0.00752804	12.0311	12.0311	0.77051	0.855968	-1.16827	0.0129233	0.119001	-8.40332	?	?	?	0.0712899	3.37059	3.37059	0.00162667	43.5969	43.5969	0.0406599	4.41772	4.41772	19.8158	68.2468	1.72203	1
cg01141043	HSPA2	0.00638558	0.0449562	1.42024	1.42024	0.000543777	2.26931	2.26931	0.168372	1.25081	1.25081	0.151317	1.26417	1.26417	0.692994	0.941297	-1.06236	0.639099	0.930519	-1.07467	0.0318363	1.46748	1.46748	0.00101231	2.1033	2.1033	0.281416	1.18611	1.18611	6.80676	2.50583	0.327235	1
cg21035222	HSPA2	0.0122209	?	?	?	0.00487374	61.438	61.438	0.0448993	12.6785	12.6785	0.0369353	14.4948	14.4948	?	?	?	0.00867209	40.1072	40.1072	0.274981	3.50162	3.50162	0.00408321	70.2763	70.2763	0.0829538	8.31725	8.31725	5.78472	86.7572	17.1402	1
cg22947154	HSPA2	0.0135401	0.887804	1.05929	1.05929	0.103146	2.06963	2.06963	0.710807	0.859032	-1.1641	0.529097	0.770936	-1.29712	0.743305	1.14348	1.14348	0.913978	1.04507	1.04507	0.0103557	0.267785	-3.73434	0.00068224	8.30929	8.30929	0.523271	1.30205	1.30205	5.35831	14.1265	2.34345	1
cg26357885	HSPA2	0.0158668	0.0750624	0.375017	-2.66654	0.0778675	2.63648	2.63648	0.428547	0.6704	-1.49165	0.655035	0.80052	-1.24919	0.00707321	0.17869	-5.59628	0.0854536	2.56166	2.56166	0.016146	4.28965	4.28965	0.0386691	3.27007	3.27007	0.674575	0.811447	-1.23237	5.0851	19.715	3.44624	1
cg27120999	HSPA2	0.0164615	0.0320994	6.28509	6.28509	0.00517847	14.9129	14.9129	0.137131	3.22961	3.22961	0.145769	3.13769	3.13769	0.263101	0.425615	-2.34954	0.0375392	5.85218	5.85218	0.00431976	16.3333	16.3333	0.0159013	8.68899	8.68899	0.0970253	3.79455	3.79455	5.0232	42.648	7.54685	1
cg01520924	HSPA2	0.0280494	0.0689812	0.26086	-3.83348	0.165323	2.65698	2.65698	0.67413	1.32215	1.32215	0.761484	1.22266	1.22266	0.00525583	0.0879999	-11.3637	0.334428	1.92968	1.92968	0.0369777	4.95127	4.95127	0.0480236	4.44782	4.44782	0.83574	1.14694	1.14694	4.18518	28.9022	6.13852	1
cg20014063	HSPA2	0.029546	0.0106334	0.42779	-2.33759	0.336091	1.29978	1.29978	0.331286	0.76722	-1.30341	0.344471	0.773048	-1.29358	0.00159427	0.301933	-3.31199	0.677394	0.895301	-1.11694	0.775938	0.927342	-1.07835	0.703442	1.10639	1.10639	0.0788665	0.59699	-1.67507	4.109	4.54762	0.983775	1
cg24642523	HSPA2	0.0365254	0.141411	3.62617	3.62617	0.155984	3.44314	3.44314	0.0903884	4.57216	4.57216	0.0945809	4.46719	4.46719	0.536422	0.60052	-1.66522	0.0465729	6.40164	6.40164	0.00256257	30.1733	30.1733	0.0714229	5.15525	5.15525	0.0284673	8.21649	8.21649	3.80772	40.0156	9.34138	1
cg27026695	HSPA2	0.0483197	0.942932	0.988908	-1.01122	0.993378	0.998708	-1.00129	0.0733287	0.732632	-1.36494	0.684039	0.938244	-1.06582	0.0511645	0.707519	-1.41339	0.150323	1.27152	1.27152	0.0187138	1.55883	1.55883	0.0598926	1.39201	1.39201	0.179704	0.800907	-1.24858	3.43234	1.31949	0.341714	1
cg14057961	HSPA2;HSPA2	0.0174769	0.109397	3.48357	3.48357	0.0119681	9.41052	9.41052	0.0155969	8.33262	8.33262	0.078373	4.0474	4.0474	0.544417	0.644905	-1.55062	0.0225304	7.05365	7.05365	0.00324601	17.6403	17.6403	0.0214692	7.20859	7.20859	0.0619853	4.49346	4.49346	4.92365	39.8653	7.19706	1
cg16319578	HSPA2;HSPA2	0.0177274	0.047622	13.3556	13.3556	0.0694893	10.2081	10.2081	0.111909	7.24795	7.24795	0.101957	7.75396	7.75396	0.326373	0.313679	-3.18797	0.0369819	15.9856	15.9856	0.00179853	160.899	160.899	0.0175577	27.2903	27.2903	0.0217765	23.352	23.352	4.90019	101.601	18.4302	1
cg07474441	HSPA4	0.000247063	0.0353327	0.611744	-1.63467	0.00152874	0.400633	-2.49605	0.0124046	0.535753	-1.86653	0.0377311	0.616776	-1.62133	8.32E-06	0.142471	-7.019	0.00110264	0.381139	-2.62372	0.0202206	0.570325	-1.75339	0.0223409	1.73142	1.73142	0.0956635	0.692799	-1.44342	17.3457	11.0462	0.566067	1
cg26144819	HSPA4	0.000730509	0.951706	0.990757	-1.00933	0.000107232	0.35079	-2.85071	0.00433504	0.557363	-1.79416	0.634227	0.929147	-1.07626	0.113974	1.30165	1.30165	0.27698	1.18929	1.18929	0.000801656	2.17244	2.17244	0.0303473	0.676859	-1.47741	0.0982195	0.757241	-1.32058	12.8562	4.78637	0.330933	1
cg12308054	HSPA4	0.00216835	0.0045885	0.369686	-2.705	0.0589332	1.75504	1.75504	0.00444424	0.367551	-2.72071	0.0741894	0.591741	-1.68993	0.0871902	1.6455	1.6455	0.0278032	0.503719	-1.98523	0.129304	0.649068	-1.54067	0.008559	0.412898	-2.42191	0.00397145	2.77708	2.77708	9.41711	10.3723	0.979049	1
cg26853048	HSPA4	0.0107527	0.93298	0.980839	-1.01954	0.000186728	0.234408	-4.26606	0.0733878	0.631782	-1.58282	0.844413	1.04623	1.04623	0.349205	0.801181	-1.24816	0.748746	1.07672	1.07672	0.0359137	0.57041	-1.75313	0.981952	0.99481	-1.00522	0.161587	0.709047	-1.41034	5.77463	4.83894	0.744859	1
cg11250576	HSPA4	0.0339648	0.0516392	2.59929	2.59929	0.454368	1.38909	1.38909	0.626336	1.23566	1.23566	0.344364	1.52202	1.52202	0.949318	1.02779	1.02779	0.0793825	2.31589	2.31589	0.000691837	9.32961	9.32961	0.909119	1.05048	1.05048	0.170123	1.87778	1.87778	3.9093	11.5147	2.6182	1
cg22771603	HSPA4	0.0358447	0.446771	0.832725	-1.20088	0.984522	1.00459	1.00459	0.533806	1.16039	1.16039	0.00250467	0.371143	-2.69438	0.524996	1.16423	1.16423	0.310888	1.28082	1.28082	0.0722611	1.60566	1.60566	0.0643466	0.612262	-1.63329	0.366448	1.24486	1.24486	3.83385	3.3834	0.784452	1
cg02220078	HSPA4	0.0492595	0.134355	0.616682	-1.62158	0.0182078	0.423829	-2.35944	0.00404903	0.314822	-3.1764	0.600043	0.853487	-1.17166	0.288707	0.719071	-1.39068	0.912937	0.967781	-1.03329	0.0205108	0.433502	-2.30679	0.101982	0.585097	-1.70912	0.167411	0.643612	-1.55373	3.40739	4.83869	1.26228	1
cg04161464	HSPA4;HSPA4	0.0434205	0.363595	1.10405	1.10405	0.128146	0.83999	-1.19049	0.353736	1.10645	1.10645	0.749249	1.03458	1.03458	0.592163	1.059	1.059	0.0145261	1.37601	1.37601	0.0263754	0.756412	-1.32203	0.185258	0.861626	-1.1606	0.0585291	0.797257	-1.2543	3.57289	0.635982	0.158224	1
cg04421611	HSPA4L	0.000350745	0.0735154	1.2557	1.2557	1.69E-05	0.365045	-2.73939	0.0017101	0.599899	-1.66695	0.132887	1.20325	1.20325	0.582871	0.938668	-1.06534	0.0118316	1.43139	1.43139	0.044972	1.30026	1.30026	0.175089	0.848258	-1.17889	0.794562	0.970661	-1.03023	15.76	3.25035	0.183325	1
cg15407965	HSPA4L	0.0218956	0.259881	0.734325	-1.36179	0.0463674	0.549049	-1.82133	0.800732	0.935708	-1.06871	0.476062	0.826624	-1.20974	0.00157391	0.30336	-3.29641	0.0334892	0.520629	-1.92075	0.756535	1.08514	1.08514	0.36435	1.27752	1.27752	0.0125389	0.44223	-2.26127	4.56138	4.98741	0.971912	1
cg24312680	HSPA4L	0.0292272	0.0112366	2.75703	2.75703	0.043349	2.09999	2.09999	0.0447663	2.08664	2.08664	0.00714079	3.03226	3.03226	0.0290852	2.27336	2.27336	0.673063	1.14512	1.14512	0.340268	0.730666	-1.36861	0.67123	0.872561	-1.14605	0.206701	1.52992	1.52992	4.12482	6.65997	1.43521	1
cg14666734	HSPA4L;HSPA4L	0.0210729	0.0469098	0.732626	-1.36495	0.508448	0.91233	-1.09609	0.571067	0.924687	-1.08145	0.906909	0.984127	-1.01613	0.199507	0.830773	-1.2037	0.00876083	0.633384	-1.57882	0.441643	0.898245	-1.11328	0.403536	1.12402	1.12402	0.00338136	1.72481	1.72481	4.62155	1.3693	0.263365	1
cg05072215	HSPA5	0.00371495	0.0103897	0.27288	-3.66461	0.0879763	0.468719	-2.13347	0.736357	1.14567	1.14567	0.992477	0.996213	-1.0038	0.0081036	0.255545	-3.91321	0.029288	0.355814	-2.81046	0.000365032	0.100445	-9.95574	0.190959	1.74586	1.74586	0.0047359	0.220954	-4.52582	8.02908	20.5937	2.2799	1
cg14190817	HSPA5;HSPA5	4.39E-05	0.887967	1.00976	1.00976	0.000668338	0.69848	-1.43168	0.000680827	0.699201	-1.4302	0.000365613	0.674678	-1.48219	1.46E-06	0.43047	-2.32304	0.0169434	0.81812	-1.22231	0.0213199	1.21012	1.21012	0.442726	1.05543	1.05543	0.675371	0.971387	-1.02946	27.5526	2.07308	0.0668807	1
cg00769882	HSPA6	0.0102464	0.09541	0.592139	-1.68879	0.685302	1.1236	1.1236	0.0175337	0.437419	-2.28614	0.884553	0.959293	-1.04243	0.0070873	0.369644	-2.70531	0.188648	0.671394	-1.48944	0.00417696	0.33358	-2.99778	0.00522889	0.34961	-2.86033	0.00488104	0.343959	-2.90732	5.86474	7.59966	1.15184	1
cg00396991	HSPA6	0.0176661	0.726208	1.13061	1.13061	0.0403871	2.28582	2.28582	0.044093	2.24271	2.24271	0.0435699	2.24852	2.24852	0.0489253	2.19271	2.19271	0.0963213	1.8919	1.8919	0.00087499	5.71285	5.71285	0.0157072	2.81181	2.81181	0.0610447	2.08994	2.08994	4.90589	9.4732	1.71643	1
cg24192663	HSPA6	0.0314573	0.0517354	0.376321	-2.6573	0.486798	0.732047	-1.36603	0.0220413	0.297531	-3.36099	0.224916	0.569674	-1.75539	0.00737256	0.217767	-4.59205	0.0286408	0.319912	-3.12586	0.0701866	0.409188	-2.44387	0.00782902	0.221635	-4.51192	0.0388012	0.347778	-2.8754	4.01838	12.4023	2.74347	1
cg02086866	HSPA6	0.0369872	0.013857	0.517808	-1.93122	0.143311	0.711493	-1.40549	0.0113594	0.503636	-1.98556	0.172715	0.730473	-1.36898	0.025362	0.562576	-1.77754	0.361622	1.22502	1.22502	0.0797747	0.656529	-1.52316	0.0826466	0.659682	-1.51588	0.0331775	0.58339	-1.71412	3.79034	2.81183	0.659415	1
cg03524848	HSPA6	0.043384	0.695684	1.08833	1.08833	0.0420096	1.65626	1.65626	0.584091	0.887773	-1.12641	0.902497	0.973954	-1.02674	0.675268	1.09497	1.09497	0.0211457	1.81655	1.81655	0.00460098	2.25272	2.25272	0.528275	0.871462	-1.1475	0.232999	0.763922	-1.30903	3.574	2.62462	0.652768	1
cg23691642	HSPA6;HSPA6	0.0361283	0.725544	1.12365	1.12365	0.0491806	2.10159	2.10159	0.0126386	2.78841	2.78841	0.668422	1.15318	1.15318	0.440384	1.29727	1.29727	0.769684	0.907454	-1.10198	0.00495006	3.42453	3.42453	0.0605209	2.01387	2.01387	0.0187527	2.5653	2.5653	3.82289	6.62441	1.54029	1
cg13139730	HSPA7	0.000359318	0.251596	0.920435	-1.08644	0.0042772	0.767556	-1.30284	0.352616	0.935936	-1.06845	0.1995	1.09837	1.09837	0.00967312	1.25435	1.25435	0.0166701	1.22424	1.22424	1.18E-05	1.90046	1.90046	0.411712	0.943556	-1.05982	0.914748	1.00744	1.00744	15.6558	1.18803	0.0674528	1
cg01335180	HSPA7	0.00164067	0.0264126	2.06366	2.06366	0.055407	1.8177	1.8177	0.182851	1.47553	1.47553	0.0147461	0.437817	-2.28406	0.0402638	1.91964	1.91964	0.00117345	0.269634	-3.70873	0.523921	1.19453	1.19453	0.00326353	3.01539	3.01539	0.00387068	2.91788	2.91788	10.2121	12.2504	1.06631	1
cg26022242	HSPA7	0.00315276	0.721753	0.952186	-1.05021	0.0762224	1.31036	1.31036	0.0127309	0.654332	-1.52828	0.714942	0.950983	-1.05154	0.0836073	0.769224	-1.30001	0.204714	1.20125	1.20125	0.0015358	1.8674	1.8674	0.00238383	0.559783	-1.78641	0.0218394	0.685882	-1.45798	8.43272	2.50733	0.264297	1
cg24052263	HSPA7	0.00753695	0.152874	0.711834	-1.40482	0.603088	0.890053	-1.12353	0.0132602	0.505868	-1.9768	0.922223	0.97855	-1.02192	0.00189395	0.376264	-2.65771	0.042508	0.595333	-1.67973	0.0140628	0.510126	-1.9603	0.00480609	0.435716	-2.29507	0.00213122	0.383561	-2.60715	6.46405	5.04692	0.694016	1
cg04094791	HSPA7	0.00880439	0.164262	1.36942	1.36942	0.010195	1.98632	1.98632	0.0236918	1.772	1.772	0.0466641	1.62023	1.62023	0.678593	1.09229	1.09229	0.0493915	1.60817	1.60817	0.000262108	3.56475	3.56475	0.0440222	1.6327	1.6327	0.113267	1.44067	1.44067	6.15511	4.37485	0.631793	1
cg19694491	HSPA8;HSPA8	0.00429992	0.0485676	0.776729	-1.28745	0.954806	1.00638	1.00638	0.156338	1.18535	1.18535	0.836896	0.977149	-1.02339	0.0345916	1.31826	1.31826	0.465341	0.920056	-1.08689	0.000229698	0.503538	-1.98595	0.421833	1.09638	1.09638	0.0300312	1.33135	1.33135	7.68288	1.53016	0.177036	1
cg13146426	HSPA8;HSPA8	0.00544146	0.0441643	1.30448	1.30448	0.960942	0.994386	-1.00565	0.0154491	0.710641	-1.40718	0.0610192	1.27471	1.27471	0.263488	1.1434	1.1434	0.00200759	1.65066	1.65066	0.0906136	0.80708	-1.23903	0.0250021	1.35877	1.35877	0.00766967	1.48281	1.48281	7.151	1.49677	0.186052	1
cg05483945	HSPA8;HSPA8	0.00664461	0.367743	1.60244	1.60244	0.000418926	0.046544	-21.4851	0.726473	0.836635	-1.19526	0.942409	1.03735	1.03735	?	?	?	0.00187856	0.0934509	-10.7008	0.208269	0.507192	-1.97164	0.785727	0.870782	-1.14839	0.627243	0.779834	-1.28232	7.88033	27.9783	3.10659	1
cg03309938	HSPA8;HSPA8	0.0162568	0.533599	0.83992	-1.19059	0.538475	1.18806	1.18806	0.758458	0.918199	-1.08909	0.97776	0.992317	-1.00774	0.0130444	0.426496	-2.34469	0.160914	0.660773	-1.51338	0.000434432	0.214583	-4.6602	0.119365	0.626489	-1.5962	0.143216	0.647081	-1.5454	5.04419	6.11589	1.07774	1
cg09197074	HSPA8;HSPA8	0.033591	0.894133	0.986356	-1.01383	0.0437519	1.2702	1.2702	0.0562587	1.2499	1.2499	0.032186	0.771915	-1.29548	0.0849356	1.21722	1.21722	0.452509	0.924066	-1.08217	0.186586	0.865482	-1.15543	0.468686	1.07904	1.07904	0.0178698	1.34586	1.34586	3.92492	0.661839	0.149889	1
cg05755017	HSPA8;HSPA8	0.03533	0.479215	0.779788	-1.2824	0.067138	2.03301	2.03301	0.0243568	2.52902	2.52902	0.208694	1.58134	1.58134	0.013064	0.34485	-2.89981	0.38066	0.732752	-1.36472	0.0658646	0.489859	-2.0414	0.580736	1.21276	1.21276	0.370213	0.727463	-1.37464	3.85401	7.29843	1.68331	1
cg19099234	HSPA9	0.000985681	0.000941769	0.503026	-1.98797	0.526133	0.914417	-1.09359	0.00160439	0.532415	-1.87823	0.522885	0.913756	-1.09438	0.00163759	0.53355	-1.87424	0.080172	0.763093	-1.31046	4.84E-05	0.344893	-2.89945	0.100863	0.778579	-1.28439	0.308911	0.863573	-1.15798	11.8147	3.6302	0.27312	1
cg13007349	HSPA9	0.0122562	0.148949	0.686704	-1.45623	0.0430388	0.568163	-1.76006	0.0328097	1.8337	1.8337	0.484137	0.841425	-1.18846	0.13898	0.679277	-1.47215	0.000971721	0.303626	-3.29353	0.362415	1.25523	1.25523	0.190363	0.714084	-1.4004	0.0452416	0.572456	-1.74686	5.5354	5.16949	0.830131	1
cg01037108	HSPA9	0.0245043	0.21864	0.868324	-1.15164	0.0796589	1.23647	1.23647	0.0296642	1.32225	1.32225	0.124112	0.833841	-1.19927	0.250915	1.13986	1.13986	0.649517	1.05119	1.05119	0.340163	0.898282	-1.11324	0.0586935	1.26242	1.26242	0.00381705	1.5306	1.5306	4.38766	0.827492	0.16764	1
cg14716262	HSPA9;SNORD63	0.000170682	0.470032	1.10841	1.10841	1.33E-05	0.278654	-3.58868	0.000446496	0.460357	-2.17223	0.0259109	1.44822	1.44822	0.00179449	0.536815	-1.86284	0.426284	0.892468	-1.12049	0.0643924	0.747522	-1.33775	0.00591211	1.6558	1.6558	0.500816	0.908742	-1.10042	19.1766	5.95652	0.276101	1
cg25469868	HSPA9;SNORD63	0.00204071	0.596072	1.12635	1.12635	0.0062171	0.452325	-2.2108	0.00332	0.410946	-2.43341	0.00010549	0.21801	-4.58694	0.0747046	0.643035	-1.55513	0.0138599	0.508479	-1.96665	0.00503774	0.438217	-2.28198	0.970243	1.00833	1.00833	0.135856	0.699444	-1.42971	9.58543	7.50982	0.696411	1
cg25533096	HSPB1	0.00177158	0.108703	1.33119	1.33119	0.754784	1.05257	1.05257	2.73E-05	3.8672	3.8672	0.220018	0.809882	-1.23475	0.0217813	1.56868	1.56868	0.937111	0.98718	-1.01299	0.018185	1.59822	1.59822	0.186516	1.25731	1.25731	0.435738	1.13885	1.13885	9.98776	4.22928	0.376397	1
cg24250717	HSPB11	0.0080154	0.00418711	0.245237	-4.07769	0.000788254	0.155859	-6.41607	0.312166	0.68179	-1.46673	0.404487	0.731618	-1.36683	0.0125667	0.320738	-3.11781	0.64293	0.842788	-1.18654	0.87711	1.05833	1.05833	0.506608	0.781249	-1.28	0.00376832	0.238752	-4.18845	6.34031	13.4776	1.88951	1
cg27425193	HSPB1;HSPB1	0.0101653	0.375157	0.894672	-1.11773	0.000542765	1.9298	1.9298	0.147817	1.20908	1.20908	0.0452926	0.755179	-1.32419	0.632923	0.94286	-1.0606	0.380721	0.895888	-1.11621	0.035091	0.740673	-1.35012	0.734111	0.95917	-1.04257	0.673927	0.94957	-1.05311	5.87969	1.39228	0.210484	1
cg12947833	HSPB2;CRYAB;HSPB2	0.00141522	0.422358	0.675759	-1.47982	0.000668664	12.0553	12.0553	0.678189	1.22084	1.22084	0.0377407	3.1657	3.1657	0.0143859	0.236281	-4.23225	0.0615542	2.73753	2.73753	0.000286902	16.9635	16.9635	0.175972	0.50255	-1.98985	0.0294558	3.40834	3.40834	10.6564	38.5951	3.21936	1
cg12393411	HSPB3	0.0140405	0.256604	0.844464	-1.18418	0.291444	0.855313	-1.16916	0.113624	0.7821	-1.27861	0.889255	1.02009	1.02009	0.00066193	0.475009	-2.10522	0.226644	1.1987	1.1987	0.0388617	0.710741	-1.40698	0.0388487	0.71072	-1.40702	0.0221183	0.675881	-1.47955	5.29486	1.70931	0.286955	1
cg04444969	HSPB3	0.0358209	0.0519984	0.540945	-1.84862	0.825609	0.940511	-1.06325	0.00661952	0.375425	-2.66365	0.00881631	0.395803	-2.52651	0.0166061	0.443506	-2.25476	0.47095	0.8156	-1.22609	0.276728	0.730202	-1.36948	0.848552	1.05457	1.05457	0.0589321	0.552763	-1.80909	3.83477	4.69157	1.08749	1
cg18229178	HSPB6	8.35E-05	0.439995	0.861723	-1.16047	0.123391	1.37078	1.37078	5.91E-05	4.07397	4.07397	0.0485084	1.53099	1.53099	2.90E-05	0.212167	-4.71327	0.00470481	2.03363	2.03363	0.00230119	2.23677	2.23677	0.000651803	2.685	2.685	0.857761	1.03448	1.03448	23.2359	13.1414	0.502726	1
cg16615829	HSPB6	0.00267727	0.62596	1.15834	1.15834	0.837642	0.940451	-1.06332	0.000131751	7.27913	7.27913	0.0763471	1.80398	1.80398	0.0874167	0.568568	-1.7588	0.0031282	3.3501	3.3501	0.0346103	2.09008	2.09008	0.0134431	2.49874	2.49874	0.375078	1.31313	1.31313	8.85147	12.5522	1.26053	1
cg01405445	HSPB6	0.00315041	0.15108	1.73126	1.73126	0.00588001	3.61767	3.61767	0.00116003	5.48503	5.48503	0.131583	1.78722	1.78722	0.0207022	0.370215	-2.70113	0.0665385	2.08328	2.08328	0.0015611	5.06135	5.06135	0.00871232	3.29485	3.29485	0.16012	1.70805	1.70805	8.43459	16.9988	1.79144	1
cg20713852	HSPB6;C19orf55	0.0469254	0.00701234	0.419075	-2.38621	0.62468	0.884264	-1.13088	0.54829	0.859386	-1.16362	0.0569973	0.584347	-1.71131	0.0774744	0.612888	-1.63162	0.0039441	0.380077	-2.63105	0.260922	0.746405	-1.33976	0.929761	0.978248	-1.02224	0.433502	0.819245	-1.22064	3.47049	3.42041	0.876061	1
cg24306962	HSPB7	0.00582141	0.00163063	0.420704	-2.37697	0.152369	1.34191	1.34191	0.0907418	0.699429	-1.42974	0.046303	0.64538	-1.54947	0.00972864	0.534014	-1.87261	0.0349262	1.60245	1.60245	0.270441	1.24623	1.24623	0.130083	0.730757	-1.36844	0.0179973	0.57616	-1.73563	7.00413	4.08235	0.518088	1
cg06521827	HSPB7	0.00740985	0.00378344	0.312832	-3.1966	0.137176	0.621131	-1.60996	0.000756679	0.218955	-4.56714	0.0375673	0.487904	-2.04958	0.00758133	0.360029	-2.77756	0.0226522	0.444109	-2.2517	0.01351	0.402773	-2.48279	0.0481341	0.510769	-1.95783	0.0259876	0.45565	-2.19467	6.49857	9.10608	1.24555	1
cg10494257	HSPB7	0.00900987	0.198725	0.691908	-1.44528	0.000779769	3.96801	3.96801	0.0264499	2.04139	2.04139	0.1798	0.67954	-1.47158	0.671549	0.890775	-1.12262	0.0324063	0.507011	-1.97235	0.0733105	1.7187	1.7187	0.516903	1.19507	1.19507	0.799307	0.933244	-1.07153	6.11025	7.11675	1.03531	1
cg03260781	HSPB7	0.0317246	0.00538046	0.329211	-3.03757	0.59767	0.850893	-1.17524	0.177744	0.647768	-1.54376	0.00856862	0.361783	-2.76409	0.0316579	0.465903	-2.14637	0.869979	0.951547	-1.05092	0.0413765	0.490041	-2.04065	0.0511904	0.510076	-1.96049	0.0346353	0.473882	-2.11023	4.00625	5.83218	1.29402	1
cg21214613	HSPB7;HSPB7	0.035159	0.11636	0.523597	-1.90987	0.458642	0.751153	-1.33129	0.329972	1.46405	1.46405	0.498601	0.770673	-1.29757	0.0637201	0.453666	-2.20426	0.651347	0.841559	-1.18827	0.000856424	0.149722	-6.67906	0.73849	0.880688	-1.13548	0.844839	1.07713	1.07713	3.86079	8.79217	2.02426	1
cg19520493	HSPB8	6.97E-05	0.000538652	0.552295	-1.81063	0.0162762	1.38271	1.38271	0.00268923	0.632883	-1.58007	0.00266179	0.632371	-1.58135	0.386648	1.10282	1.10282	0.317692	0.892335	-1.12065	0.000927475	1.72529	1.72529	6.78E-06	0.332345	-3.00893	0.540352	1.07076	1.07076	24.3779	4.69639	0.171244	1
cg16425829	HSPB8	0.000267294	0.00168758	0.348694	-2.86785	0.115434	0.669131	-1.49448	0.00164499	0.347139	-2.88069	0.49589	0.850166	-1.17624	0.00243173	0.371301	-2.69323	0.180871	0.716391	-1.39589	0.00604591	0.430928	-2.32057	5.06E-06	0.087339	-11.4496	0.0142317	0.491696	-2.03378	16.9774	14.8191	0.775888	1
cg11187110	HSPB8	0.0323968	0.945706	0.971972	-1.02884	0.631341	0.817257	-1.22361	0.0435806	0.379631	-2.63413	0.132307	0.507644	-1.96988	0.00304978	0.183786	-5.4411	0.57581	0.789816	-1.26612	0.642442	1.21551	1.21551	0.00646087	0.228064	-4.38473	0.0939586	0.463611	-2.15698	3.97629	10.9724	2.45284	1
cg24694702	HSPB8	0.0350853	0.0708427	0.568831	-1.75799	0.00935357	0.398023	-2.51242	0.00940806	0.398446	-2.50975	0.339526	0.759455	-1.31673	0.0248076	0.473888	-2.1102	0.775361	1.08326	1.08326	0.180579	0.67206	-1.48796	0.0201734	0.456955	-2.1884	0.0749659	0.57447	-1.74073	3.86373	4.78087	1.09989	1
cg16493126	HSPB8	0.0410007	0.591637	0.901512	-1.10925	0.127844	0.729653	-1.37051	0.00257486	0.449281	-2.22578	0.657141	1.08929	1.08929	0.56485	1.11786	1.11786	0.0514547	1.52884	1.52884	0.248565	1.25976	1.25976	0.374973	0.840011	-1.19046	0.978305	1.00522	1.00522	3.64971	2.11884	0.516045	1
cg07861564	HSPB8;HSPB8	0.00391961	0.0578379	0.692056	-1.44497	0.573113	1.10266	1.10266	0.653631	0.925406	-1.08061	0.0210682	0.621141	-1.60994	0.0146838	0.597166	-1.67458	0.0731539	0.709646	-1.40915	0.0675058	0.703571	-1.42132	0.000516055	2.53442	2.53442	0.173059	1.28254	1.28254	7.90067	3.68605	0.414711	1
cg05346140	HSPB9	0.00625129	0.232129	0.840466	-1.18982	0.592522	1.0778	1.0778	0.617792	1.07226	1.07226	0.654595	0.939455	-1.06445	0.000130016	0.397803	-2.51381	0.773459	0.960762	-1.04084	0.0256122	1.44451	1.44451	0.65824	0.940126	-1.06369	0.909764	0.984399	-1.01585	6.85172	2.08734	0.270795	1
cg02968557	HSPB9	0.0163848	0.0132796	0.511844	-1.95372	0.0102663	2.0261	2.0261	0.320495	0.799272	-1.25114	0.861624	1.03882	1.03882	0.0102222	0.493257	-2.02734	0.105776	0.680005	-1.47058	0.070639	0.643423	-1.55419	0.189646	1.35425	1.35425	0.890906	0.97049	-1.03041	5.03102	3.79617	0.670713	1
cg27203641	HSPB9;HSPB9	0.0434609	0.820894	0.96545	-1.03579	0.43808	0.884577	-1.13048	0.219952	0.818735	-1.2214	0.690529	1.06402	1.06402	0.733251	1.05447	1.05447	0.156896	1.26461	1.26461	0.00102695	2.12641	2.12641	0.918873	1.01592	1.01592	0.833158	1.03325	1.03325	3.57165	1.36004	0.338478	1
cg00582337	HSPB9;HSPB9;KAT2A	0.017304	0.017057	4.84812	4.84812	0.0204258	4.5567	4.5567	0.06343	3.10478	3.10478	0.21261	2.03921	2.03921	0.0295871	4.01622	4.01622	0.0326901	3.88285	3.88285	0.00205462	10.5608	10.5608	0.017301	4.82442	4.82442	0.0215749	4.47209	4.47209	4.94009	23.0517	4.14777	1
cg01501896	HSPB9;KAT2A	0.0130373	0.0246425	3.54678	3.54678	0.00685516	5.24175	5.24175	0.153571	2.06043	2.06043	0.461652	1.42554	1.42554	0.0201847	3.76399	3.76399	0.0270249	3.45104	3.45104	0.00148184	8.75211	8.75211	0.0243502	3.55937	3.55937	0.0197512	3.7885	3.7885	5.42507	19.2331	3.15131	1
cg08880849	HSPB9;KAT2A	0.0139777	0.0134505	18.8966	18.8966	0.00933376	23.73	23.73	0.0254516	12.8137	12.8137	0.0546723	8.11164	8.11164	0.0133252	19.0061	19.0061	0.0766533	6.62765	6.62765	0.00266785	54.0091	54.0091	0.0280249	12.0926	12.0926	0.0189318	15.3262	15.3262	5.30266	77.4644	12.9854	1
cg16208084	HSPB9;KAT2A	0.0376417	0.0272243	8.03392	8.03392	0.0125535	11.8843	11.8843	0.252063	2.59588	2.59588	0.0502607	5.92629	5.92629	0.02607	8.20958	8.20958	0.0273396	8.017	8.017	0.0473849	6.10169	6.10169	0.0203535	9.29451	9.29451	0.0436131	6.35746	6.35746	3.76616	37.9153	8.94878	1
cg16595484	HSPBAP1	0.00583316	0.146844	0.705964	-1.4165	0.00488376	0.434188	-2.30315	0.00684793	0.456946	-2.18844	0.00116635	2.90388	2.90388	0.640708	0.900223	-1.11084	0.708999	0.919583	-1.08745	0.14067	0.701595	-1.42532	0.130302	0.69391	-1.44111	0.344758	0.804429	-1.24312	6.99978	5.54399	0.704021	1
cg04730456	HSPBAP1	0.0235952	0.0284371	1.7792	1.7792	0.477801	0.851474	-1.17443	0.0384078	0.586002	-1.70648	0.121431	1.45366	1.45366	0.00499134	0.437003	-2.28832	0.301095	1.2696	1.2696	0.307894	1.26508	1.26508	0.982945	1.00477	1.00477	0.166709	0.720028	-1.38884	4.44548	3.49442	0.698721	1
cg19862014	HSPBAP1	0.0245001	0.0800117	0.838743	-1.19226	0.338124	1.09351	1.09351	0.478382	1.06743	1.06743	0.208577	1.12751	1.12751	0.00573965	0.720501	-1.38792	0.794921	1.02386	1.02386	0.448254	1.07247	1.07247	0.0124975	0.754782	-1.32489	0.0399645	0.806588	-1.23979	4.38791	0.56959	0.115386	1
cg09359351	HSPBAP1	0.0251744	0.292483	0.76905	-1.30031	0.427934	1.21482	1.21482	0.0616795	0.602874	-1.65872	0.288398	0.767204	-1.30343	0.943727	1.01712	1.01712	0.123391	1.49374	1.49374	0.0017706	2.91678	2.91678	0.279911	1.31007	1.31007	0.179751	0.709931	-1.40859	4.34671	3.97996	0.813891	1
cg09489128	HSPBP1;HSPBP1	0.00040499	0.225901	1.33602	1.33602	0.00105229	3.01641	3.01641	0.00088148	3.11313	3.11313	0.0339456	1.75766	1.75766	0.527502	1.157	1.157	0.363406	0.808329	-1.23712	0.00292222	2.53806	2.53806	4.20E-05	5.90442	5.90442	0.000326296	3.75467	3.75467	15.1483	12.4502	0.730568	1
cg08088161	HSPBP1;HSPBP1	0.00604722	0.347971	1.60119	1.60119	0.000914063	11.1856	11.1856	0.0101862	4.84746	4.84746	0.0249782	3.66731	3.66731	0.717122	0.837568	-1.19393	0.554849	1.33774	1.33774	0.0086898	5.09968	5.09968	0.00239106	7.86035	7.86035	0.0191428	3.97938	3.97938	6.92238	26.019	3.34104	1
cg01746532	HSPBP1;HSPBP1	0.0163314	0.367452	1.12115	1.12115	0.183547	1.19039	1.19039	0.0489107	1.32016	1.32016	0.827035	1.0274	1.0274	0.0348097	1.35508	1.35508	0.0465087	1.32527	1.32527	0.00315088	0.607494	-1.64611	0.0537159	1.31071	1.31071	0.113094	1.23738	1.23738	5.0365	1.21693	0.214775	1
cg09533267	HSPBP1;HSPBP1	0.0428591	0.00191374	0.391683	-2.55309	0.455902	0.850472	-1.17582	0.11516	0.693966	-1.44099	0.258576	1.28584	1.28584	0.113046	0.692225	-1.44462	0.268416	1.27871	1.27871	0.30808	0.798508	-1.25234	0.90089	0.973777	-1.02693	0.58309	1.1255	1.1255	3.59023	2.58651	0.640383	1
cg01642168	HSPBP1;HSPBP1;HSPBP1	0.0202456	0.803964	1.14525	1.14525	0.00355913	0.0886589	-11.2792	0.0211423	5.0533	5.0533	0.639725	0.772929	-1.29378	?	?	?	0.408233	1.59158	1.59158	?	?	?	?	?	?	0.313852	1.77636	1.77636	6.36034	18.9927	2.98611	1
cg23445255	HSPC072;HSPC072;LOC100270804	0.0149481	0.100084	0.410171	-2.43801	0.00394483	0.146903	-6.80719	0.106491	0.418206	-2.39116	0.240763	0.54475	-1.8357	0.0973418	0.406631	-2.45923	0.085226	0.390172	-2.56297	0.00163593	0.107408	-9.31027	0.00604774	0.169746	-5.89115	0.0452406	0.321041	-3.11487	5.18664	20.0953	3.44393	1
cg10795509	HSPC072;LOC100270804	0.00766423	0.00953311	0.128122	-7.80506	0.00521168	0.0995673	-10.0435	0.0526748	0.251968	-3.96876	0.300205	0.510769	-1.95783	0.00353069	0.0841506	-11.8835	0.0966086	0.319333	-3.13153	0.00104663	0.0480454	-20.8137	0.784723	0.842521	-1.18691	0.0201725	0.173176	-5.77448	6.43019	39.8832	5.51332	1
cg17358530	HSPC072;LOC100270804;HSPC072	3.54E-05	0.00111295	0.408694	-2.44682	2.04E-06	0.112914	-8.85632	0.106707	0.720281	-1.38835	0.00233825	0.453185	-2.20661	0.000563831	0.369448	-2.70674	0.000610011	0.373917	-2.67439	2.14E-05	0.203137	-4.9228	7.66E-05	0.263101	-3.80082	0.0315065	0.625087	-1.59978	29.1702	16.0329	0.488563	1
cg01949461	HSPC072;LOC100270804;HSPC072	0.000951552	0.571861	0.846633	-1.18115	0.00262088	0.29694	-3.36769	0.00255132	0.295273	-3.38669	0.628284	0.867463	-1.15279	0.00512406	0.340373	-2.93795	0.204308	0.676786	-1.47757	4.79E-05	0.107412	-9.30994	0.00114956	0.248436	-4.02518	0.0281732	0.469812	-2.12851	11.9333	16.0527	1.19574	1
cg26836743	HSPC072;LOC100270804;HSPC072	0.0021484	0.0115316	0.228497	-4.37642	0.00682864	0.194512	-5.14108	0.00839046	0.207347	-4.82283	0.1805	0.514558	-1.94341	0.00113959	0.106914	-9.35328	0.00751552	0.200403	-4.98994	0.000333761	0.0669108	-14.9453	0.00304098	0.149994	-6.66693	0.00733061	0.198858	-5.02871	9.4426	32.6487	3.07342	1
cg16906300	HSPC072;LOC100270804;HSPC072	0.00763849	0.959867	1.00945	1.00945	0.106469	1.39027	1.39027	0.0356096	1.57967	1.57967	0.00133593	0.418233	-2.39101	0.396078	0.850054	-1.1764	0.002496	0.455958	-2.19318	0.681075	1.08031	1.08031	0.343534	0.833269	-1.20009	0.23334	0.791694	-1.26311	6.43698	3.56224	0.491912	1
cg00442258	HSPC072;LOC100270804;HSPC072	0.0142036	0.800375	0.872207	-1.14652	0.0263951	0.241531	-4.14026	0.334054	0.584126	-1.71196	0.112268	0.393345	-2.5423	0.0042495	0.126846	-7.88355	0.0507111	0.30078	-3.32469	0.00238975	0.101864	-9.81705	0.253331	1.90366	1.90366	0.0265382	0.241973	-4.1327	5.27477	24.327	4.09952	1
cg14326912	HSPC072;LOC100270804;HSPC072	0.0146087	0.644595	1.22155	1.22155	0.00779365	0.229512	-4.35707	0.184586	0.545367	-1.83363	0.608579	0.800489	-1.24924	0.0729585	0.422445	-2.36717	0.062587	0.405415	-2.46661	0.00100773	0.122141	-8.18725	0.447329	0.716288	-1.39609	0.00997857	0.246164	-4.06233	5.22613	15.3638	2.61316	1
cg05348535	HSPC072;LOC100270804;HSPC072	0.0191928	0.00242028	0.387164	-2.58288	0.327824	0.796979	-1.25474	0.0369609	0.580236	-1.72344	0.406162	0.826194	-1.21037	0.0697772	0.634072	-1.57711	0.620592	0.893949	-1.11863	0.00213982	0.379471	-2.63524	0.19824	0.73676	-1.35729	0.533928	1.15204	1.15204	4.77074	3.81383	0.710597	1
cg12851514	HSPC072;LOC100270804;HSPC072	0.0231053	0.034041	0.407147	-2.45612	0.00425721	0.249251	-4.01203	0.232601	0.634671	-1.57562	0.280682	0.66546	-1.50272	0.0246022	0.378214	-2.64401	0.0221827	0.369379	-2.70724	0.0039428	0.244486	-4.09021	0.0742651	0.485577	-2.05941	0.120168	0.542099	-1.84468	4.4778	9.35571	1.8572	1
cg15691003	HSPC157;HSPC157	0.000327631	0.000198791	0.594965	-1.68077	0.0121628	0.77132	-1.29648	0.77582	0.976557	-1.02401	0.00204364	0.696876	-1.43498	0.0089018	0.758394	-1.31858	0.00150124	1.46251	1.46251	0.0757478	0.848542	-1.17849	0.00185742	1.44337	1.44337	0.0157042	0.781908	-1.27892	16.0578	1.75576	0.0971912	1
cg03114585	HSPC157;HSPC157	0.00249796	0.155485	0.62928	-1.58912	0.00501482	3.09996	3.09996	0.386238	1.31086	1.31086	0.393576	1.30515	1.30515	0.114941	0.593112	-1.68602	0.000327282	0.170496	-5.86525	0.276626	1.41177	1.41177	0.00441079	0.314049	-3.18422	0.50682	1.22782	1.22782	9.03421	13.2878	1.3074	1
cg17240885	HSPC157;HSPC157	0.00714385	0.0460394	0.824222	-1.21327	0.000733339	0.647984	-1.54325	0.0328746	0.809756	-1.23494	0.451306	0.937169	-1.06704	0.00481687	0.728883	-1.37196	0.586706	0.954649	-1.04751	0.0400747	1.22214	1.22214	0.178806	0.88624	-1.12836	0.0756528	0.846032	-1.18199	6.57327	0.744288	0.100648	1
cg17592565	HSPC157;HSPC157	0.00747157	0.0036209	0.394022	-2.53793	0.572306	0.873749	-1.14449	0.00994902	0.462999	-2.15983	0.990591	0.997215	-1.00279	0.000587064	0.284663	-3.51293	0.0137352	0.486444	-2.05574	0.0399867	0.570358	-1.75329	0.958955	0.987901	-1.01225	0.240192	0.747611	-1.33759	6.48171	5.74332	0.787627	1
cg07171867	HSPC159	0.00103924	0.000539323	0.715609	-1.39741	0.497428	0.958071	-1.04376	0.665063	0.97328	-1.02745	0.00235438	1.30193	1.30193	0.131988	0.903855	-1.10637	0.000771957	1.37232	1.37232	0.0144274	0.829054	-1.20619	0.787625	1.01693	1.01693	0.101673	1.11786	1.11786	11.6387	0.71261	0.0544244	1
cg20945852	HSPC159	0.00775922	0.428145	1.32412	1.32412	0.714553	0.880307	-1.13597	0.775049	1.10455	1.10455	0.407553	1.34181	1.34181	0.102791	0.538226	-1.85795	0.222348	0.640773	-1.56062	0.000291054	0.128704	-7.76975	0.022113	2.5917	2.5917	0.190755	0.618278	-1.61739	6.40538	12.2189	1.69565	1
cg01657493	HSPC159	0.0273237	0.864663	1.01824	1.01824	0.813128	1.0254	1.0254	0.0745722	0.810233	-1.23421	0.867635	1.01783	1.01783	0.791993	1.0284	1.0284	0.0371675	1.29213	1.29213	0.567314	1.06317	1.06317	0.502229	1.07481	1.07481	0.00092588	1.68879	1.68879	4.22396	0.750776	0.157993	1
cg13875287	HSPC159	0.0470032	0.796086	1.11133	1.11133	0.00877313	0.256509	-3.8985	0.0138234	0.289332	-3.45624	0.501878	1.32024	1.32024	0.145671	1.89038	1.89038	0.192498	1.75461	1.75461	0.268784	0.625332	-1.59915	0.654259	0.832146	-1.20171	0.322064	0.659045	-1.51735	3.46833	9.12653	2.33902	1
cg08179257	HSPD1;HSPD1	0.0317159	0.768693	0.886726	-1.12774	0.0531275	0.408284	-2.44927	0.0557818	0.413356	-2.41922	0.0180382	0.310026	-3.22554	0.41871	0.714015	-1.40053	0.00306436	0.191468	-5.22282	0.0117595	0.277252	-3.60682	0.809144	0.906065	-1.10367	0.181455	0.560851	-1.783	4.00664	10.5456	2.33959	1
cg04183933	HSPD1;HSPD1;HSPE1	0.00263483	0.130033	0.764634	-1.30782	0.000256755	2.68483	2.68483	0.082918	1.37037	1.37037	0.171958	0.787728	-1.26947	0.00974327	1.70995	1.70995	0.0170802	0.620583	-1.61139	0.752965	0.949508	-1.05318	0.129105	1.3088	1.3088	0.0432471	1.46456	1.46456	8.89332	3.79282	0.379093	1
cg05654645	HSPD1;HSPD1;HSPE1	0.0212631	0.0100299	0.564234	-1.77232	0.0632505	1.44459	1.44459	0.252061	0.810039	-1.23451	0.235987	0.803593	-1.24441	0.113235	0.738235	-1.35458	0.00472275	0.516372	-1.93659	0.0505231	0.675431	-1.48054	0.346768	1.18601	1.18601	0.918703	1.01814	1.01814	4.60739	2.26231	0.43646	1
cg10756051	HSPD1;HSPE1;HSPD1	0.0168968	0.0189562	0.792784	-1.26138	0.943357	1.00582	1.00582	0.0100854	1.30386	1.30386	0.673227	1.03527	1.03527	0.337003	1.08426	1.08426	0.254473	1.10213	1.10213	0.00408293	0.729812	-1.37022	0.316243	1.08837	1.08837	0.369665	1.0782	1.0782	4.97961	0.526756	0.0940289	1
cg04449558	HSPD1;HSPE1;HSPD1	0.022815	0.884122	1.02131	1.02131	0.0222798	1.48605	1.48605	0.0117681	1.57615	1.57615	0.992432	1.00137	1.00137	0.185206	0.816132	-1.22529	0.738414	0.952689	-1.04966	0.012913	0.639982	-1.56254	0.794163	0.962894	-1.03854	0.038599	1.41404	1.41404	4.49735	1.48949	0.294394	1
cg22827827	HSPE1	0.0267469	0.0597586	0.344745	-2.9007	0.111822	0.419754	-2.38235	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10188592	HSPE1;HSPE1;HSPD1;HSPD1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25273507	HSPE1;HSPE1;HSPD1;HSPD1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26433593	HSPG2	6.91E-06	0.0102637	0.795534	-1.25702	0.299026	0.926719	-1.07908	0.000134452	0.626462	-1.59627	0.0160178	0.811837	-1.23177	2.12E-07	0.329623	-3.03377	4.15E-05	0.575723	-1.73695	2.25E-05	0.548426	-1.8234	0.00330619	0.753587	-1.32699	0.00408571	1.18163	1.18163	44.6498	3.53515	0.0703779	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14282182	HSPG2	0.000140906	0.0011067	0.628935	-1.58999	0.091073	1.19666	1.19666	1.00E-05	0.400921	-2.49426	0.0364483	0.790939	-1.26432	0.0500277	0.806092	-1.24055
cg06161657	HSPG2	0.000147044	0.306104	0.782099	-1.27861	0.794818	0.941342	-1.06231	0.0208867	0.52477	-1.9056	0.567588	0.874583	-1.1434	3.42E-06	0.0791182	-12.6393
cg03902951	HSPG2	0.00063298	0.0652488	0.522572	-1.91361	0.879473	0.953532	-1.04873	0.243337	1.4664	1.4664	0.528827	0.818666	-1.2215	0.00207651	0.256838	-3.8935
cg11839036	HSPG2	0.00153303	0.864338	0.95671	-1.04525	0.0468371	1.80204	1.80204	0.0228433	0.494191	-2.02351	0.000571858	0.251511	-3.97598	0.000121107	0.17593	-5.68408
cg15646763	HSPG2	0.00230575	0.283998	0.933178	-1.07161	0.150344	0.908647	-1.10054	0.00120428	1.3427	1.3427	0.0915383	1.12238	1.12238	0.363522	1.05974	1.05974
cg13430401	HSPG2	0.00231838	0.00460056	0.429753	-2.32692	0.00627246	0.450501	-2.21975	0.0140471	0.507131	-1.97188	0.113871	0.68034	-1.46985	0.00086937	0.326697	-3.06094
cg11818031	HSPG2	0.00420676	0.0121065	0.747969	-1.33695	0.674972	0.961604	-1.03993	0.0174295	0.764358	-1.30829	0.165856	0.871805	-1.14705	0.352517	0.915012	-1.09288
cg13242624	HSPG2	0.00947171	0.0272521	0.303917	-3.29037	0.230334	1.77469	1.77469	0.246627	0.575651	-1.73716	0.310202	1.61389	1.61389	0.00576805	0.192246	-5.20167
cg04573706	HSPG2	0.0233912	0.00387978	0.277873	-3.59876	0.00588873	0.305291	-3.27556	0.245158	0.670145	-1.49221	0.00750351	0.322045	-3.10516	0.0648118	0.505193	-1.97944
cg00768741	HSPG2	0.0238274	0.316894	0.840923	-1.18917	0.000965499	0.439206	-2.27684	0.130925	0.761011	-1.31404	0.675319	0.931891	-1.07309	0.35818	0.853663	-1.17142
cg18240311	HSPG2	0.0251062	0.390731	0.834063	-1.19895	0.515862	0.872907	-1.1456	0.00255434	0.421725	-2.37121	0.516818	0.873185	-1.14523	0.0304099	0.591589	-1.69036
cg11821759	HSPG2	0.0284177	0.00410852	0.327492	-3.05351	0.768815	1.08923	1.08923	0.00513558	0.342374	-2.92078	0.428554	0.791078	-1.2641	0.0144986	0.417532	-2.39503
cg14380609	HSPG2	0.0346467	0.922851	1.05349	1.05349	?	?	?	0.552738	0.7222	-1.38466	0.0130822	0.145602	-6.86804	?	?	?
cg15009352	HSPG2	0.0358052	0.728371	0.961184	-1.04038	0.00327826	0.634431	-1.57622	0.0156332	0.714238	-1.40009	0.713177	1.04281	1.04281	0.487248	1.08344	1.08344
cg12409547	HSPG2	0.0371604	0.0151515	0.32898	-3.0397	0.149761	0.562483	-1.77783	0.0311786	0.389767	-2.56564	0.0368039	0.405064	-2.46875	0.00354	0.229235	-4.36233
cg03977084	HSPG2	0.0376384	0.908285	0.969405	-1.03156	0.016874	0.455663	-2.1946	0.0364178	0.519061	-1.92656	0.0214879	0.474861	-2.10588	0.0104676	0.419437	-2.38415
cg13063658	HSPG2	0.0380683	0.0291496	0.598435	-1.67103	0.00277627	0.438727	-2.27932	0.0384021	0.619321	-1.61467	0.046632	0.634422	-1.57624	0.287087	0.801903	-1.24703
cg00359395	HSPG2	0.0473227	0.392305	0.765142	-1.30695	0.444328	0.788051	-1.26895	0.0188311	0.419306	-2.3849	0.00627094	0.336962	-2.9677	0.234541	0.683441	-1.46318
cg10362742	HSPH1	0.0108531	0.0745266	1.55918	1.55918	0.167715	0.71984	-1.3892	0.0204351	0.535493	-1.86744	0.198536	1.35495	1.35495	0.890948	0.969798	-1.03114
cg02394989	HSPH1	0.0166371	0.121536	0.756018	-1.32272	0.24041	0.814812	-1.22728	0.0235555	0.637254	-1.56923	0.827472	1.03704	1.03704	0.00784907	0.566418	-1.76548
cg19890264	HSPH1	0.0221143	0.721659	0.819576	-1.22014	0.00196321	13.1373	13.1373	0.00672263	7.67404	7.67404	0.804024	0.870882	-1.14826	0.795442	1.15543	1.15543
cg03373442	HSPH1	0.0273077	0.763512	0.955296	-1.0468	0.161093	1.25465	1.25465	0.0233436	0.663169	-1.50791	0.846456	1.02982	1.02982	0.0450565	1.41701	1.41701
cg09556825	HSPH1	0.0317514	0.389128	0.902541	-1.10798	0.0613542	1.27751	1.27751	0.47644	1.08776	1.08776	0.623838	0.944189	-1.05911	0.534909	1.07574	1.07574
cg16666935	HSPH1	0.0385193	0.927841	0.991119	-1.00896	0.00532803	1.43558	1.43558	0.045876	1.2528	1.2528	0.276522	0.894519	-1.11792	0.0953339	1.19778	1.19778
cg27499850	HTA	0.000158716	0.000391225	0.144516	-6.91963	0.0302451	0.418101	-2.39177	0.00497542	0.280104	-3.5701	0.00608795	0.293536	-3.40674	6.83E-05	0.082636	-12.1013
cg27467076	HTA	0.015767	0.082169	0.464741	-2.15173	0.202307	1.70856	1.70856	0.00857371	3.79706	3.79706	0.151509	1.84316	1.84316	0.00807653	0.259262	-3.85711
cg01934674	HTA	0.0206141	0.00694539	0.458372	-2.18163	0.437668	0.837931	-1.19342	0.188188	0.732399	-1.36538	0.0236213	0.546856	-1.82864	0.00282686	0.399149	-2.50533
cg06411137	HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.00373843	0.303803	1.24706	1.24706	0.00373027	2.25229	2.25229	0.396383	0.835236	-1.19727	0.0766416	1.50417	1.50417	0.014712	0.536628	-1.86349
cg01306498	HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.0118603	0.00138269	0.128452	-7.78502	0.499951	0.738581	-1.35395	0.0814487	0.425425	-2.35059	0.96818	1.01781	1.01781	0.00429398	0.184499	-5.42008
cg02758040	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.00343105	0.985351	0.997865	-1.00214	0.00333549	0.628041	-1.59225	0.000459418	0.526156	-1.90058	0.463843	0.916851	-1.09069	0.916846	1.01223	1.01223
cg18788940	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.00392976	0.0177368	0.597632	-1.67327	0.021305	0.610134	-1.63898	0.00023487	0.336649	-2.97046	0.616084	0.913698	-1.09445	0.00517255	0.517345	-1.93295
cg02999108	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.0263696	0.401478	1.15843	1.15843	0.245736	1.23112	1.23112	0.943089	1.0123	1.0123	0.647934	1.08192	1.08192	0.542036	1.1115	1.1115
cg25533556	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.00170921	0.895248	1.02866	1.02866	0.75504	0.935061	-1.06945	0.000899842	0.344392	-2.90367	0.917994	0.978148	-1.02234	0.241493	0.768727	-1.30085
cg17446339	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.0436566	0.0106167	0.253178	-3.9498	0.0169226	3.47456	3.47456	0.212871	0.570713	-1.75219	0.953555	1.02521	1.02521	0.269683	0.611772	-1.6346
cg23533179	HTATSF1;HTATSF1	0.0125462	0.0790579	0.671833	-1.48847	0.327084	0.815451	-1.22631	0.853153	0.963494	-1.03789	0.00442669	0.449804	-2.22319	0.00955411	0.504488	-1.98221
cg21621204	HTN1	2.81E-05	1.78E-06	0.229897	-4.34977	0.0110831	0.675092	-1.48128	2.62E-05	0.358349	-2.79058	0.0177618	0.700773	-1.42699	0.00384982	0.618515	-1.61677
cg16270018	HTN1	0.0341946	0.0312739	0.124553	-8.02869	0.00998764	0.0684523	-14.6087	0.0433811	0.147315	-6.78817	0.237261	0.360345	-2.77512	0.0157672	0.0872705	-11.4586
cg08356926	HTN3	0.000576895	0.000131528	0.224457	-4.45519	0.229339	0.752748	-1.32847	0.022217	0.539455	-1.85372	0.414477	0.828756	-1.20663	0.000225491	0.251232	-3.98039
cg22510636	HTN3	0.0361509	0.00938776	0.0680977	-14.6848	0.0554003	0.170096	-5.87902	0.0483677	0.158792	-6.29756	0.347712	0.454409	-2.20066	0.0206939	0.103039	-9.70507
cg11615755	HTR1A	3.46E-06	3.90E-08	8.74099	8.74099	0.0100819	1.43499	1.43499	0.000602329	1.80135	1.80135	0.208486	1.15892	1.15892	0.798979	0.972013	-1.02879
cg16280141	HTR1A	4.47E-06	3.79E-08	14.2973	14.2973	0.43725	1.11377	1.11377	0.28333	1.16365	1.16365	0.155767	1.22936	1.22936	0.730994	1.04804	1.04804
cg09698471	HTR1A	0.000207431	3.59E-06	3.80049	3.80049	0.0252519	0.721211	-1.38656	0.43683	0.907159	-1.10234	0.571135	0.932106	-1.07284	0.285818	0.872697	-1.14587
cg04694812	HTR1A	0.000233742	0.000177633	2.62321	2.62321	0.00850081	1.66508	1.66508	0.0203449	1.52887	1.52887	0.559052	1.09384	1.09384	0.719565	1.05626	1.05626
cg07839533	HTR1A	0.000717956	1.19E-05	6.33817	6.33817	0.77795	1.05802	1.05802	0.00509658	2.09256	2.09256	0.576452	0.893536	-1.11915	0.745804	0.937174	-1.06704
cg15092168	HTR1A	0.00102478	2.11E-05	14.3029	14.3029	0.402459	1.30469	1.30469	0.0526468	1.98143	1.98143	0.182763	1.55092	1.55092	0.282902	0.707279	-1.41387
cg10588470	HTR1A	0.00128828	0.131109	0.691132	-1.4469	0.620507	1.11976	1.11976	0.457644	1.18698	1.18698	0.23564	0.754522	-1.32534	0.0743152	0.637204	-1.56936
cg02266732	HTR1A	0.00457586	0.000393401	2.67999	2.67999	0.174656	1.28667	1.28667	0.00661092	1.85067	1.85067	0.637701	0.920525	-1.08634	0.154569	1.30476	1.30476
cg04427003	HTR1A	0.00763761	0.0401726	1.60904	1.60904	0.0235278	1.72055	1.72055	0.13411	1.38277	1.38277	0.0883273	0.685755	-1.45825	0.365666	0.829896	-1.20497
cg27615388	HTR1A	0.0182214	0.0135509	37.5709	37.5709	0.885827	1.18592	1.18592	0.999712	1.00043	1.00043	0.315787	3.42464	3.42464	0.359189	0.326627	-3.0616
cg23448729	HTR1A	0.0213133	0.00869325	1.86473	1.86473	0.297985	0.817883	-1.22267	0.528339	1.12641	1.12641	0.301819	1.22059	1.22059	0.43605	0.862372	-1.15959
cg18019017	HTR1B	1.29E-06	0.00152221	1.61356	1.61356	0.000136711	1.99689	1.99689	0.668886	0.955909	-1.04612	0.000393555	1.80723	1.80723	0.59626	0.945502	-1.05764
cg15602074	HTR1B	1.82E-06	3.43E-08	21.2614	21.2614	0.953864	0.991113	-1.00897	0.370732	1.15237	1.15237	0.26795	1.19488	1.19488	0.940073	1.01167	1.01167
cg13077519	HTR1B	0.000106415	3.06E-06	4.73995	4.73995	0.688819	1.05806	1.05806	0.000917658	2.00256	2.00256	0.330046	0.868568	-1.15132	0.427024	0.892531	-1.12041
cg00183186	HTR1B	0.000150343	3.22E-05	8.65295	8.65295	0.866785	1.04581	1.04581	0.0687428	1.72195	1.72195	0.417934	0.801862	-1.2471	0.906156	1.03196	1.03196
cg12103152	HTR1B	0.00264625	0.0650478	2.22287	2.22287	0.000476481	8.28923	8.28923	0.14244	1.83672	1.83672	0.90075	0.953028	-1.04929	0.788296	1.10936	1.10936
cg23424273	HTR1B	0.00639736	0.121587	3.56851	3.56851	0.0041249	20.5119	20.5119	0.548661	1.57633	1.57633	0.928925	0.935398	-1.06906	0.902773	0.912574	-1.0958
cg21232620	HTR1B	0.0158399	0.0577294	3.47934	3.47934	0.142139	2.50169	2.50169	0.736351	0.82172	-1.21696	0.0178889	0.187813	-5.32444	0.647961	1.3062	1.3062
cg19503977	HTR1B	0.0159578	0.031153	3.37328	3.37328	0.193364	1.93802	1.93802	0.0108213	4.65846	4.65846	0.647179	0.801292	-1.24798	0.403488	0.663008	-1.50828
cg08614481	HTR1B	0.0319008	0.236324	2.32922	2.32922	0.0128393	8.21168	8.21168	0.396976	1.80581	1.80581	0.575273	1.4707	1.4707	0.478885	0.612305	-1.63317
cg20887241	HTR1D	4.43E-05	0.331584	1.20855	1.20855	0.139442	0.740266	-1.35087	0.00146552	0.419543	-2.38355	0.000140824	0.288682	-3.46402	0.000371539	0.340614	-2.93588
cg15484742	HTR1D	0.00304988	0.00044645	0.161998	-6.17291	0.0315934	0.436839	-2.28917	0.0152837	0.375838	-2.66072	0.975411	1.01018	1.01018	0.000262776	0.139346	-7.17638
cg00023024	HTR1D	0.0143065	0.116085	0.380691	-2.6268	0.0214332	0.209542	-4.77232	0.0594332	0.300232	-3.33076	0.90722	0.936197	-1.06815	0.0384629	0.257677	-3.88083
cg08872493	HTR1D	0.0143458	0.0269536	0.250052	-3.99916	0.00392112	0.128228	-7.79864	0.0269692	0.2501	-3.9984	0.160284	0.452174	-2.21154	0.0233162	0.238306	-4.19628
cg20678835	HTR1D	0.0276386	0.014284	0.218333	-4.58017	0.0560768	0.336293	-2.9736	0.0808502	0.377203	-2.65109	0.295668	0.579172	-1.7266	0.0047758	0.151587	-6.59686
cg11953164	HTR1D	0.0292746	0.0160472	0.13497	-7.40904	0.0526581	0.223807	-4.46814	0.109386	0.305377	-3.27464	0.234203	0.428515	-2.33364	0.0125704	0.121346	-8.24091
cg11811391	HTR1D	0.0357931	0.940171	1.01132	1.01132	0.0956103	0.7599	-1.31596	0.00970257	0.612176	-1.63352	0.00952739	1.63644	1.63644	0.577022	1.08818	1.08818
cg04974804	HTR1D	0.0377028	0.476208	1.36587	1.36587	0.120683	0.484611	-2.06351	0.00603937	0.213597	-4.68171	0.0273768	0.325189	-3.07513	0.283028	0.618725	-1.61623
cg24466277	HTR1D	0.0387465	0.598644	1.12001	1.12001	0.995126	0.998697	-1.0013	0.50395	0.865272	-1.15571	0.0855137	1.50019	1.50019	0.0066045	0.471192	-2.12228
cg08651124	HTR1D	0.0445766	0.356654	0.765488	-1.30636	0.196568	1.46946	1.46946	0.361582	0.767695	-1.3026	0.857509	1.05197	1.05197	0.00904597	0.392487	-2.54786
cg17537380	HTR1E	9.43E-06	2.13E-07	0.036597	-27.3247	0.0965333	0.680747	-1.46897	0.00109095	0.362181	-2.76105	0.0880206	0.67247	-1.48706	0.0667912	0.648465	-1.5421
cg12440040	HTR1E	5.68E-05	0.00299417	0.521387	-1.91796	0.000248041	0.379972	-2.63177	0.00531351	0.555675	-1.79961	0.952159	1.00964	1.00964	6.92E-05	0.312584	-3.19914
cg21577406	HTR1E	0.00020678	1.15E-05	0.0809915	-12.347	0.108102	0.622867	-1.60548	0.0570591	0.559096	-1.7886	0.290372	1.34491	1.34491	0.625371	0.875566	-1.14212
cg03472798	HTR1E	0.000306533	1.05E-05	6.46609	6.46609	0.00539161	2.06674	2.06674	0.276054	1.25175	1.25175	0.195901	1.31133	1.31133	0.125926	0.720246	-1.38842
cg27051089	HTR1E	0.000722463	2.72E-05	0.102376	-9.76792	0.0287924	0.491673	-2.03387	0.00184281	0.295913	-3.37937	0.00473772	0.355968	-2.80924	0.0083107	0.394993	-2.53169
cg10781942	HTR1E	0.000836558	0.388108	0.807043	-1.23909	0.000908268	0.300454	-3.3283	0.00681069	0.427557	-2.33887	0.240301	0.742331	-1.34711	0.000751104	0.289673	-3.45217
cg00454577	HTR1E	0.00109831	2.29E-05	2.33189	2.33189	0.487364	1.07304	1.07304	0.171572	1.15652	1.15652	0.199854	0.873447	-1.14489	0.661407	1.04501	1.04501
cg10644575	HTR1E	0.00125829	0.883486	1.02647	1.02647	0.501477	1.12926	1.12926	0.783201	1.05037	1.05037	0.332168	0.836724	-1.19514	0.000566614	0.386095	-2.59004
cg11990309	HTR1E	0.00236073	0.000226196	7.52998	7.52998	0.896061	1.04397	1.04397	0.150587	1.66072	1.66072	0.40976	1.31989	1.31989	0.239801	0.666815	-1.49967
cg15888097	HTR1E	0.00261575	0.000252375	0.110594	-9.04205	0.414945	0.737792	-1.35539	0.0191384	0.355356	-2.81408	0.0104109	0.308138	-3.2453	0.0285041	0.389366	-2.56828
cg22141389	HTR1E	0.0141352	0.000463096	4.72207	4.72207	0.0399357	1.95254	1.95254	0.0949706	1.67704	1.67704	0.345177	1.31517	1.31517	0.64354	1.14032	1.14032
cg08273233	HTR1E	0.0142453	0.00891721	0.114655	-8.72179	0.00468311	0.0865409	-11.5552	0.060623	0.25234	-3.96291	0.109256	0.320857	-3.11665	0.00724912	0.104873	-9.53534
cg21286526	HTR1E	0.0394743	0.000634057	4.117	4.117	0.586049	0.862219	-1.1598	0.885498	1.03961	1.03961	0.753873	1.08849	1.08849	0.619577	0.873784	-1.14445
cg10135483	HTR1E;HTR1E	2.61E-05	1.09E-06	46.4793	46.4793	0.925808	1.02855	1.02855	0.00907946	2.72388	2.72388	0.0705013	1.8422	1.8422	0.742538	1.10476	1.10476
cg07833420	HTR1E;HTR1E	7.75E-05	1.64E-05	9.92494	9.92494	0.737154	0.916527	-1.09108	0.122793	1.54135	1.54135	0.944794	0.98224	-1.01808	0.629507	1.13404	1.13404
cg09863441	HTR1E;HTR1E	0.000170794	3.84E-05	4.168	4.168	0.00969744	1.80715	1.80715	0.0434716	1.52181	1.52181	0.230577	1.25539	1.25539	0.105078	0.72595	-1.3775
cg09297468	HTR1E;HTR1E	0.000458299	1.80E-05	2.58399	2.58399	0.889672	0.985072	-1.01515	0.187626	1.16337	1.16337	0.648023	0.951413	-1.05107	0.82218	1.02469	1.02469
cg14774364	HTR1E;HTR1E	0.000621115	0.000958745	2.53676	2.53676	0.38956	1.18158	1.18158	0.0887522	1.42659	1.42659	0.908722	1.02194	1.02194	5.57E-05	0.242072	-4.131
cg02928916	HTR1E;HTR1E	0.00493857	0.000209928	7.91053	7.91053	0.6022	1.19177	1.19177	0.919857	1.03414	1.03414	0.816997	1.0804	1.0804	0.199153	1.57237	1.57237
cg12775613	HTR1F	0.00633146	0.0157869	0.276644	-3.61476	0.0435976	2.74033	2.74033	0.188536	1.83186	1.83186	0.0884544	0.441912	-2.2629	0.000625996	0.101754	-9.82758
cg13690703	HTR1F	0.0189105	0.106147	0.690638	-1.44794	0.0804817	0.665871	-1.50179	0.0472357	0.621127	-1.60998	0.15441	0.726329	-1.37679	0.00476468	2.19475	2.19475
cg19116351	HTR1F	0.0212907	0.830718	1.03887	1.03887	0.512685	0.888464	-1.12554	0.0926461	0.71921	-1.39041	0.101853	1.3757	1.3757	0.00319298	0.488176	-2.04844
cg16921789	HTR1F;HTR1F	0.0179304	0.996631	0.998585	-1.00142	0.750131	0.898417	-1.11307	0.00120046	0.203754	-4.90789	0.0484706	0.469628	-2.12935	0.0084368	0.323761	-3.0887
cg09361691	HTR2A;HTR2A	0.0258914	0.0391473	0.407833	-2.45198	0.340824	0.691548	-1.44603	0.650014	1.18724	1.18724	0.318338	0.678734	-1.47333	0.00839309	0.282195	-3.54365
cg12089079	HTR2A;HTR2A	0.0399771	0.0678062	3.03698	3.03698	0.495726	1.45588	1.45588	0.92148	0.947869	-1.055	0.00850273	6.19525	6.19525	0.418049	0.638032	-1.56732
cg15894389	HTR2A;HTR2A;HTR2A	0.0417647	0.308851	0.694593	-1.43969	0.108378	1.83315	1.83315	0.612445	0.837977	-1.19335	0.0124505	2.93315	2.93315	0.0650185	0.488266	-2.04806
cg06476131	HTR2A;HTR2A;HTR2A;HTR2A	0.0209401	0.298071	0.637612	-1.56835	0.43178	0.715524	-1.39758	0.639726	1.21736	1.21736	0.000652469	0.113015	-8.84842	0.311743	0.646227	-1.54744
cg12793238	HTR2B;PSMD1	0.0475338	0.00880323	0.157382	-6.35397	0.0285756	0.238848	-4.18677	0.0342769	0.254356	-3.9315	0.162153	0.437209	-2.28723	0.262034	0.522932	-1.91229
cg18817485	HTR2C	0.000584339	0.0351292	0.393124	-2.54373	0.00657554	0.26118	-3.82878	0.700045	0.863073	-1.15865	0.0597558	0.445713	-2.2436	0.011249	0.298809	-3.34662
cg00202711	HTR2C	0.00137157	0.307841	0.694937	-1.43898	0.377552	0.731855	-1.36639	0.7245	0.885143	-1.12976	0.492568	0.786399	-1.27162	0.163852	0.599155	-1.66902
cg12950441	HTR2C	0.00250874	0.0161326	0.127819	-7.82355	0.521943	1.57391	1.57391	0.999931	0.999939	-1.00006	0.188192	2.6497	2.6497	0.0374402	5.40586	5.40586
cg05772663	HTR2C	0.006293	0.338534	0.615594	-1.62445	0.24798	0.552137	-1.81115	0.992118	1.00487	1.00487	0.275534	0.572432	-1.74693	0.378469	0.641225	-1.55952
cg26383972	HTR2C	0.0215135	0.0311108	7.68613	7.68613	0.178127	3.1687	3.1687	0.242791	2.67858	2.67858	0.453379	1.85092	1.85092	0.335012	2.22866	2.22866
cg25885716	HTR2C	0.0255302	0.225799	0.459412	-2.1767	0.574805	1.41424	1.41424	0.317417	1.8813	1.8813	0.133669	0.371881	-2.68904	0.0228944	0.189273	-5.28338
cg03269770	HTR2C	0.026919	0.229454	0.622842	-1.60554	0.204286	0.604732	-1.65362	0.183916	0.58904	-1.69768	0.182043	0.587543	-1.702	0.0202235	0.349451	-2.86163
cg00369477	HTR2C;HTR2C	0.00266929	0.0203951	0.288472	-3.46654	0.0724522	0.410034	-2.43882	0.292768	0.615415	-1.62492	0.355757	0.655403	-1.52578	0.0351611	0.335741	-2.97849
cg09687738	HTR2C;HTR2C	0.0211421	0.090515	0.347773	-2.87544	0.0440581	3.70694	3.70694	0.0577823	3.36976	3.36976	0.116263	2.62899	2.62899	0.777764	1.17379	1.17379
cg18153989	HTR2C;MIR1298	0.000994394	0.00781256	0.302099	-3.31017	0.00299491	0.239982	-4.16698	0.00574539	0.281083	-3.55767	0.0770942	0.502042	-1.99186	0.000223343	0.116057	-8.61648
cg10199730	HTR2C;MIR448	0.0166503	0.951125	1.02183	1.02183	0.0404079	0.434365	-2.30221	0.0168473	0.358018	-2.79316	0.701101	0.872974	-1.14551	0.00194932	0.213692	-4.67963
cg24489774	HTR2C;MIR764	0.000280327	0.138038	0.775722	-1.28912	2.44E-05	0.262942	-3.80312	9.46E-05	0.330851	-3.02251	0.102951	0.752992	-1.32804	0.00600314	0.564959	-1.77004
cg05459616	HTR2C;MIR764	0.0125148	0.0387647	0.581661	-1.71921	0.755242	1.07337	1.07337	0.00229233	0.380899	-2.62537	0.00502505	2.31709	2.31709	0.19093	0.730843	-1.36828
cg09418568	HTR2C;SNORA35	0.000782931	0.35251	0.7855	-1.27307	0.0317985	0.52991	-1.88711	0.267933	0.747354	-1.33805	0.0120672	0.45389	-2.20318	8.08E-06	0.0852508	-11.7301
cg04103377	HTR2C;SNORA35	0.0309623	0.134982	1.63434	1.63434	0.809811	1.07627	1.07627	0.0842994	0.558671	-1.78996	0.98351	0.993719	-1.00632	0.00234137	0.273926	-3.65062
cg26724798	HTR3A;HTR3A	0.00306028	0.00154986	0.183284	-5.45601	0.0555756	0.445417	-2.24509	0.00136456	0.176843	-5.65473	0.00213869	0.200292	-4.99272	0.00482373	0.248097	-4.03069
cg08372315	HTR3A;HTR3A	0.00459655	0.0634005	0.432061	-2.31449	0.0110477	0.277678	-3.60129	0.000438239	0.107189	-9.32933	0.0209979	0.327521	-3.05324	0.0037451	0.207334	-4.82313
cg00363114	HTR3A;HTR3A	0.0274306	0.584331	0.892448	-1.12051	0.050769	0.632298	-1.58153	0.00133489	0.382656	-2.61331	0.339652	0.816526	-1.2247	0.392446	1.19775	1.19775
cg00078348	HTR3A;HTR3A	0.0368619	0.0777089	0.552901	-1.80864	0.776514	1.08982	1.08982	0.00258884	0.283127	-3.53199	0.416378	0.777988	-1.28537	0.365514	1.32446	1.32446
cg14199144	HTR3A;HTR3A;HTR3A	0.00587809	0.0899627	0.381595	-2.62058	0.0584766	0.332211	-3.01014	0.201409	0.498848	-2.00462	0.540119	1.37673	1.37673	0.000483065	0.0595233	-16.8001
cg08208133	HTR3A;HTR3A;HTR3A	0.00698412	0.122115	0.571976	-1.74832	0.377524	0.73941	-1.35243	0.00110927	0.20143	-4.96451	0.0544657	0.483119	-2.06988	0.00534881	0.294287	-3.39804
cg05942508	HTR3A;HTR3A;HTR3A	0.0187212	0.340042	1.73034	1.73034	0.829124	0.886453	-1.12809	0.00149087	0.0777519	-12.8614	0.0637519	0.31281	-3.19683	0.0157328	0.191962	-5.20935
cg01586609	HTR3A;HTR3A;HTR3A	0.0244212	0.51948	0.818652	-1.22152	0.938083	1.02409	1.02409	0.0013108	0.238488	-4.19308	0.0268179	0.447653	-2.23387	0.746138	0.905255	-1.10466
cg20178075	HTR3A;HTR3A;HTR3A	0.0385608	0.0114647	0.0784294	-12.7503	0.274814	0.400782	-2.49512	0.0759021	0.204	-4.90195	0.0716391	0.198164	-5.04634	0.0108677	0.0762689	-13.1115
cg23851685	HTR3B	0.0382853	0.321013	0.622931	-1.60531	0.987873	0.993009	-1.00704	0.0263844	0.296556	-3.37205	0.0617669	0.378642	-2.64102	0.00779784	0.206628	-4.83961
cg19815720	HTR3C	0.00168088	0.0181235	0.419795	-2.38211	0.0600978	0.526522	-1.89926	0.0109148	0.380446	-2.62849	0.01958	0.426058	-2.3471	0.0044557	0.317452	-3.15008
cg19233761	HTR3C	0.00481317	0.00947435	0.305722	-3.27094	0.0131835	0.330295	-3.0276	0.023101	0.375594	-2.66245	0.0136637	0.333045	-3.0026	0.00626471	0.276929	-3.61104
cg18271969	HTR3C	0.00960828	0.0638673	1.61012	1.61012	0.000719624	0.308238	-3.24425	0.0306015	0.55939	-1.78766	0.229704	1.33401	1.33401	0.22733	1.33617	1.33617
cg00310588	HTR3C	0.0178473	0.0179183	0.224412	-4.45608	0.0312783	0.269181	-3.71498	0.0439507	0.300454	-3.3283	0.0485469	0.310248	-3.22323	0.00470569	0.142146	-7.035
cg25782665	HTR3C	0.0223141	0.0657027	0.378111	-2.64473	0.082085	0.403675	-2.47724	0.0158629	0.248758	-4.01996	0.0185393	0.260646	-3.83662	0.00440184	0.166899	-5.99165
cg12749468	HTR3D;HTR3D;HTR3D	0.00297491	0.0292651	1.47335	1.47335	0.0301339	0.680599	-1.46929	0.000813483	0.466816	-2.14217	0.100003	0.761884	-1.31254	0.0588959	0.724762	-1.37976
cg00902763	HTR3D;HTR3D;HTR3D	0.00370863	0.0758845	0.434282	-2.30265	0.0103252	0.255571	-3.9128	0.00176984	0.152617	-6.55237	0.0475187	0.384047	-2.60385	0.00245223	0.168771	-5.92519
cg17645664	HTR3D;HTR3D;HTR3D	0.00817077	0.410789	1.32322	1.32322	0.531202	0.809606	-1.23517	0.000869119	0.18944	-5.27872	0.885473	0.953143	-1.04916	0.869815	0.946847	-1.05614
cg14483391	HTR3D;HTR3D;HTR3D	0.0198683	0.19259	0.669877	-1.49281	0.41165	0.783571	-1.27621	0.0112119	0.397234	-2.51741	0.00139502	0.26045	-3.8395	0.0443247	0.511148	-1.95638
cg00576550	HTR3D;HTR3D;HTR3D	0.0359059	0.0204517	0.204788	-4.88311	0.0637577	0.306313	-3.26463	0.0735036	0.322119	-3.10444	0.021192	0.207413	-4.8213	0.0040253	0.111519	-8.96707
cg26153642	HTR3E	6.74E-05	0.258085	0.879729	-1.13671	0.877267	1.01692	1.01692	1.18E-05	0.365417	-2.7366	0.00853406	0.694592	-1.43969	2.68E-05	0.406214	-2.46176
cg05451388	HTR3E	0.0097026	0.206737	0.639963	-1.56259	0.353305	0.726061	-1.3773	0.644791	1.16836	1.16836	0.390123	0.744401	-1.34336	0.000111273	0.102478	-9.75821
cg18236734	HTR3E	0.0234641	0.0978797	0.549914	-1.81847	0.0036376	0.273725	-3.65331	0.0250838	0.415798	-2.40502	0.0128375	0.361447	-2.76666	0.012013	0.356383	-2.80597
cg24372174	HTR3E	0.0332253	0.0804583	1.86224	1.86224	0.942033	1.02359	1.02359	0.015196	0.384333	-2.60191	0.306074	1.4047	1.4047	0.0153235	0.384992	-2.59746
cg24875857	HTR3E	0.0444354	0.225889	0.829624	-1.20537	0.138245	1.26417	1.26417	0.128029	0.785326	-1.27336	0.599288	0.925083	-1.08098	0.428806	1.12596	1.12596

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14282182	0.00354282	1.46415	1.46415	0.00539231	1.42382	1.42382	0.0480281	0.804125	-1.24359	0.929301	0.991477	-1.0086	20.1943	2.97578	0.130985	1
cg06161657	0.00243034	0.375708	-2.66164	0.000703968	0.301843	-3.31298	0.276724	0.769198	-1.30005	0.000316492	0.25841	-3.86982	19.9637	17.0099	0.75737	1
cg03902951	1.10E-05	0.0531545	-18.8131	0.88402	1.04684	1.04684	0.412458	1.30052	1.30052	0.985759	0.994419	-1.00561	13.3825	20.841	1.3843	1
cg11839036	0.0179961	0.475293	-2.10396	0.104402	0.631669	-1.58311	0.637224	0.884325	-1.13081	0.211626	0.711384	-1.40571	10.4141	11.0463	0.942852	1
cg15646763	0.0795212	1.12855	1.12855	0.000593125	0.719255	-1.39033	0.0519466	0.871618	-1.14729	0.0894166	0.89015	-1.12341	9.24922	0.565564	0.0543531	1
cg13430401	0.000163137	0.236867	-4.22178	0.0568946	0.61723	-1.62014	0.0368469	0.581037	-1.72106	0.0296611	0.563712	-1.77396	9.23442	7.33319	0.70588	1
cg11818031	0.86043	0.983794	-1.01647	0.000298727	1.72689	1.72689	0.0633662	0.823797	-1.21389	0.660038	0.959739	-1.04195	7.73394	1.0557	0.121335	1
cg13242624	0.0214077	0.283626	-3.52577	0.0011377	0.11285	-8.86133	0.556213	0.762383	-1.31168	0.0869216	0.422422	-2.3673	6.0139	19.7902	2.9251	1
cg04573706	0.0451219	0.469124	-2.13163	0.707141	0.883144	-1.13232	0.626375	0.850835	-1.17532	0.136904	0.590046	-1.69478	4.45884	7.65555	1.52617	1
cg00768741	0.041088	0.673899	-1.4839	0.0653814	1.4139	1.4139	0.957964	0.991213	-1.00887	0.637317	0.92356	-1.08277	4.43045	1.96749	0.39474	1
cg18240311	0.0247391	0.576034	-1.73601	0.0402189	1.63074	1.63074	0.452935	0.854063	-1.17087	0.516284	0.87303	-1.14544	4.35082	2.93324	0.599272	1
cg11821759	0.678765	0.886243	-1.12836	0.0619403	0.543606	-1.83957	0.343549	0.753565	-1.32703	0.170944	0.655237	-1.52616	4.16598	5.5479	1.18375	1
cg14380609	0.0116761	0.137526	-7.27137	?	?	?	0.763994	1.17616	1.17616	0.108604	2.71306	2.71306	5.95414	16.6885	2.3357	1
cg15009352	0.253401	1.14504	1.14504	0.0552136	0.781299	-1.27992	0.707567	1.04372	1.04372	0.874204	0.98217	-1.01815	3.83538	0.78321	0.181517	1
cg12409547	0.333046	0.689321	-1.4507	0.0410113	0.415348	-2.40762	0.216419	0.615903	-1.62363	0.0905403	0.499142	-2.00344	3.78389	8.31987	1.95445	1
cg03977084	0.0366978	0.519728	-1.92408	0.0282186	0.497272	-2.01097	0.397336	0.791618	-1.26324	0.789655	0.930448	-1.07475	3.76628	4.33651	1.02347	1
cg13063658	0.660675	1.09224	1.09224	0.193983	0.759976	-1.31583	0.645786	0.911711	-1.09684	0.583669	1.11688	1.11688	3.75067	2.36951	0.56156	1
cg00359395	0.0139893	0.395731	-2.52697	0.315286	0.72821	-1.37323	0.404766	1.29743	1.29743	0.838725	1.06423	1.06423	3.45948	5.11205	1.3135	1
cg10362742	0.303704	1.2689	1.2689	0.00931574	0.478348	-2.09053	0.00185975	0.372623	-2.68368	0.590355	0.885597	-1.12918	5.75739	4.55722	0.703594	1
cg02394989	0.0225424	0.634325	-1.57648	0.613558	1.08855	1.08855	0.214374	1.24335	1.24335	0.0194943	1.60074	1.60074	5.00544	2.2009	0.390847	1
cg19890264	0.658377	1.28094	1.28094	0.482563	1.4884	1.4884	0.0890569	0.346982	-2.88199	0.12996	2.50982	2.50982	5.0498	24.1932	3.72627	1
cg03373442	0.74739	1.0502	1.0502	0.00706072	0.589952	-1.69505	0.961395	0.992691	-1.00736	0.0514426	1.39945	1.39945	4.22482	1.53706	0.323393	1
cg09556825	0.477972	1.08743	1.08743	0.00155454	0.589469	-1.69644	0.171717	0.844473	-1.18417	0.326964	1.12477	1.12477	4.00504	0.856246	0.190038	1
cg16666935	0.589881	0.94782	-1.05505	0.13422	1.1724	1.1724	0.0734744	0.821568	-1.21718	0.902557	1.01214	1.01214	3.73453	0.573672	0.136545	1
cg27499850	0.409879	1.33439	1.33439	2.32E-05	0.0553071	-18.0809	0.0159775	0.364331	-2.74476	0.00027234	0.129755	-7.70682	19.5568	36.2874	1.64932	1
cg27467076	0.822401	1.09358	1.09358	0.0211806	0.331986	-3.01217	0.925348	0.963395	-1.038	0.389172	0.703881	-1.4207	5.09578	12.7782	2.22898	1
cg01934674	0.235213	0.757405	-1.3203	0.93709	0.982525	-1.01779	0.226993	0.753308	-1.32748	0.00642508	0.453068	-2.20718	4.6564	3.6785	0.702212	1
cg06411137	0.087847	1.47777	1.47777	0.0948688	0.683511	-1.46303	0.000827391	2.84003	2.84003	0.0612571	1.54834	1.54834	8.0139	5.45439	0.604992	1
cg01306498	0.00689681	0.21272	-4.70102	0.507106	0.742422	-1.34694	0.224633	0.568665	-1.75851	0.0144893	0.263657	-3.7928	5.5947	17.3532	2.75708	1
cg02758040	0.821889	1.0266	1.0266	0.00276381	1.61714	1.61714	0.254983	0.870771	-1.14841	0.70081	0.956045	-1.04598	8.2226	1.76536	0.190842	1
cg18788940	0.74522	0.943451	-1.05994	0.0765899	1.42142	1.42142	0.0887461	0.715203	-1.39821	0.973351	1.00598	1.00598	7.89452	3.98517	0.448714	1
cg02999108	0.894922	0.977623	-1.02289	0.00048369	0.391723	-2.55282	0.611432	0.915995	-1.09171	0.911045	0.981042	-1.01932	4.27692	1.9868	0.412925	1
cg25533556	0.08092	0.660216	-1.51466	7.93E-05	0.216514	-4.61863	0.67559	1.09449	1.09449	0.0511412	1.6104	1.6104	10.092	7.35605	0.647911	1
cg17446339	0.478041	1.3612	1.3612	0.0968605	2.17956	2.17956	0.588151	1.26331	1.26331	0.298598	0.630903	-1.58503	3.56567	10.3213	2.573	1
cg23533179	0.0401934	1.62695	1.62695	0.0688127	0.659715	-1.51581	0.108122	1.42842	1.42842	0.0229311	0.570135	-1.75397	6.20337	3.87312	0.485611	1
cg21621204	0.0164928	0.696711	-1.43532	0.364826	1.12172	1.12172	0.708692	0.95476	-1.04738	1.85E-05	0.340727	-2.9349	30.999	7.47043	0.214213	1
cg16270018	0.0335902	0.129211	-7.73925	0.00972423	0.0674736	-14.8206	0.206758	0.333643	-2.99721	0.0904235	0.214804	-4.6554	3.8998	41.973	9.56697	1
cg08356926	0.448981	0.840524	-1.18973	0.000177698	0.239216	-4.18032	0.186232	0.729393	-1.371	0.00106332	0.336393	-2.97271	13.7334	11.0277	0.713764	1
cg22510636	0.133518	0.267064	-3.74443	0.0095622	0.068771	-14.541	0.963772	1.03775	1.03775	0.0367368	0.138129	-7.23963	3.82202	40.2854	9.36918	1
cg11615755	0.241612	0.872547	-1.14607	0.00888809	0.690497	-1.44823	0.115069	0.82647	-1.20997	0.0376773	1.30757	1.30757	53.3797	10.4604	0.174188	1
cg16280141	0.0325957	1.40503	1.40503	0.0778522	0.766109	-1.3053	0.231722	0.843202	-1.18596	0.00109298	1.92511	1.92511	49.9507	14.6254	0.260263	1
cg09698471	0.294692	0.875027	-1.14282	0.305505	0.877801	-1.13921	0.187032	1.18743	1.18743	0.0101486	1.4893	1.4893	18.1903	4.34713	0.212427	1
cg04694812	0.773268	0.957096	-1.04483	0.0189064	0.649487	-1.53968	0.0593039	1.38155	1.38155	1.09E-05	4.14819	4.14819	17.6095	6.42709	0.324426	1
cg07839533	0.684252	0.921678	-1.08498	0.33822	1.21766	1.21766	0.00654606	2.02312	2.02312	0.0932755	1.44525	1.44525	12.9189	8.14174	0.560195	1
cg15092168	0.985516	1.00565	1.00565	0.0260231	0.440437	-2.27047	0.0218311	2.34959	2.34959	0.155785	1.60221	1.60221	11.6851	17.8305	1.35637	1
cg10588470	0.0483918	0.599816	-1.66718	0.000395464	0.278401	-3.59194	0.000247628	3.94042	3.94042	0.0776737	0.641203	-1.55957	10.9474	8.90512	0.723063	1
cg02266732	0.369579	1.17454	1.17454	0.224746	0.800416	-1.24935	0.318117	1.1974	1.1974	0.00154258	2.2149	2.2149	7.53936	3.63945	0.42909	1
cg04427003	0.620583	0.904743	-1.10529	0.526386	0.879169	-1.13744	0.000425574	3.06293	3.06293	0.123682	1.39724	1.39724	6.43722	4.10289	0.566551	1
cg27615388	0.495472	0.439794	-2.27379	0.00119466	280.331	280.331	0.0157852	33.4564	33.4564	0.366738	3.0057	3.0057	4.85512	108.314	19.8304	1
cg23448729	0.750919	0.942385	-1.06114	0.0189331	0.58885	-1.69822	0.0104325	1.82369	1.82369	0.0954473	1.4068	1.4068	4.60368	2.53167	0.488822	1
cg18019017	0.00371795	1.50796	1.50796	0.00155857	0.620898	-1.61057	3.51E-08	7.92712	7.92712	3.89E-06	3.08623	3.08623	68.654	11.9445	0.15465	1
cg15602074	0.429587	1.13248	1.13248	0.043327	0.698662	-1.43131	0.00191297	1.9702	1.9702	2.34E-06	5.89389	5.89389	62.9658	23.7418	0.335163	1
cg13077519	0.281563	0.8548	-1.16986	0.162929	0.81156	-1.2322	0.337337	1.14874	1.14874	0.000438814	2.17845	2.17845	21.7752	6.7778	0.276678	1
cg00183186	0.731694	0.912272	-1.09616	0.741585	0.915506	-1.09229	0.981686	1.00614	1.00614	6.61E-06	14.4888	14.4888	19.8447	22.3676	1.00189	1
cg12103152	0.831737	0.921229	-1.08551	0.932265	1.03332	1.03332	0.000117867	13.4533	13.4533	0.35094	1.44801	1.44801	8.88197	20.9161	2.09324	1
cg23424273	0.0334627	0.148626	-6.72832	?	?	?	0.000594012	71.3938	71.3938	0.417717	1.86257	1.86257	7.98305	61.6462	6.75688	1
cg21232620	0.947361	1.03911	1.03911	0.00234762	11.7868	11.7868	0.0230799	4.8491	4.8491	0.122944	2.64085	2.64085	5.08798	27.2075	4.75326	1
cg19503977	0.631251	1.26172	1.26172	0.801482	0.885935	-1.12875	0.0018099	8.43553	8.43553	0.0136565	4.33359	4.33359	5.07545	18.5767	3.25343	1
cg08614481	0.412921	0.565306	-1.76895	0.624885	0.714785	-1.39902	0.00181946	20.49	20.49	0.150705	2.85618	2.85618	3.99832	29.4016	6.53644	1
cg20887241	0.277065	0.807537	-1.23833	1.22E-06	0.0937188	-10.6702	0.000576514	0.365209	-2.73816	0.0165386	0.574846	-1.7396	27.4897	15.5678	0.503391	1
cg15484742	0.0462787	0.472281	-2.11738	0.124823	0.579288	-1.72626	0.285107	0.694325	-1.44025	0.782747	1.09508	1.09508	8.51633	14.5625	1.51995	1
cg00023024	0.0957126	0.355286	-2.81463	0.00119994	0.0683284	-14.6352	0.00446983	0.117182	-8.53373	0.0443883	0.27098	-3.6903	5.26225	26.6512	4.50187	1
cg08872493	0.110947	0.398986	-2.50635	0.00361399	0.124428	-8.03677	0.00599239	0.149508	-6.68859	0.0976549	0.382308	-2.61569	5.2575	23.3099	3.94102	1
cg20678835	0.0701185	0.360682	-2.77252	0.0212712	0.248012	-4.03207	0.0104433	0.197179	-5.07154	0.0812579	0.377802	-2.64689	4.20698	16.9001	3.5708	1
cg11953164	0.047616	0.214501	-4.66198	0.0158308	0.134178	-7.45276	0.00659163	0.0909663	-10.9931	0.0624753	0.240561	-4.15696	4.12246	30.15	6.50097	1
cg11811391	0.408847	0.881	-1.13507	0.134701	1.27365	1.27365	0.439805	0.888546	-1.12543	0.619584	0.927687	-1.07795	3.83585	1.36663	0.316692	1
cg04974804	0.470416	0.729028	-1.37169	0.300863	0.630404	-1.58629	0.00614732	0.214697	-4.65773	0.107366	0.469355	-2.13058	3.76392	11.0431	2.60793	1
cg24466277	0.0543406	0.627572	-1.59344	0.0141752	0.524246	-1.9075	0.221509	0.760177	-1.31548	0.71687	0.92523	-1.08081	3.72649	2.68733	0.641015	1
cg08651124	0.97935	0.992731	-1.00732	0.0121999	2.41171	2.41171	0.401261	1.27402	1.27402	0.202804	0.684544	-1.46083	3.53802	4.45249	1.11864	1
cg17537380	0.768066	1.06431	1.06431	0.315405	0.803489	-1.24457	0.121559	0.702039	-1.42442	3.95E-06	0.104159	-9.60072	41.1869	28.9774	0.625385	1
cg12440040	2.70E-05	0.265686	-3.76384	0.00434352	1.83978	1.83978	0.329662	0.851361	-1.17459	5.53E-05	0.301171	-3.32037	25.7344	10.429	0.360227	1
cg21577406	0.34879	1.29756	1.29756	0.0500516	1.82834	1.82834	0.266244	0.731374	-1.36729	6.76E-05	0.139454	-7.17081	18.2058	21.028	1.02668	1
cg03472798	0.726224	0.932704	-1.07215	0.66764	0.917955	-1.08938	0.0265125	1.68407	1.68407	0.000277502	3.25132	3.25132	16.3534	10.1719	0.552895	1
cg27051089	0.0219376	0.469117	-2.13166	0.144195	0.649243	-1.54025	0.35563	0.769804	-1.29903	0.000671064	0.238691	-4.18951	12.8962	15.484	1.06725	1
cg10781942	0.0500639	0.581882	-1.71856	0.50547	0.848949	-1.17793	0.258114	0.751274	-1.33107	3.28E-05	0.14154	-7.06514	12.3754	11.5122	0.82689	1
cg00454577	0.156731	0.859564	-1.16338	0.890013	0.986271	-1.01392	0.827145	1.02209	1.02209	0.00283382	1.50783	1.50783	11.4573	1.81123	0.14052	1
cg10644575	0.98038	0.995628	-1.00439	0.0539365	1.47677	1.47677	0.082045	1.40959	1.40959	9.07E-05	0.287443	-3.47895	11.0214	5.54177	0.446949	1
cg11990309	0.222831	0.655901	-1.52462	0.0669633	0.508605	-1.96616	0.300245	0.702279	-1.42394	0.000964318	5.04328	5.04328	9.1855	15.7692	1.526	1
cg15888097	0.0022446	0.209885	-4.76452	0.00322577	0.230731	-4.33405	0.00330691	0.23221	-4.30645	0.0353868	0.409012	-2.44492	8.9124	18.7972	1.87476	1
cg22141389	0.597109	1.16219	1.16219	0.193387	0.678537	-1.47376	0.443837	1.24605	1.24605	0.0220383	2.16801	2.16801	5.28317	6.64376	1.11781	1
cg08273233	0.0210412	0.16422	-6.0894	0.00716711	0.104357	-9.58249	0.0264696	0.180385	-5.54369	0.0557598	0.243946	-4.09926	5.26969	35.3635	5.96509	1
cg21286526	0.993235	0.997717	-1.00229	0.939583	1.02065	1.02065	0.777636	0.926512	-1.07932	0.21781	1.41837	1.41837	3.70111	4.26039	1.02321	1
cg10135483	0.773433	0.916454	-1.09116	0.409004	0.774741	-1.29075	0.00466311	3.11786	3.11786	5.95E-06	21.5809	21.5809	31.607	45.7289	1.28604	1
cg07833420	1.46E-05	0.0972562	-10.2821	0.377648	0.791169	-1.26395	0.0256969	1.98503	1.98503	0.00701697	2.46462	2.46462	23.6958	25.129	0.942651	1
cg09863441	0.112215	0.73144	-1.36717	0.747668	1.06011	1.06011	0.0192116	1.66909	1.66909	1.39E-05	5.15566	5.15566	19.1732	9.93053	0.460389	1
cg09297468	0.382136	1.102	1.102	0.000674607	0.56929	-1.75657	0.980755	0.99739	-1.00262	0.0169648	1.37098	1.37098	14.6395	2.7227	0.165318	1
cg14774364	0.0131234	0.558729	-1.78978	0.0339825	1.5974	1.5974	0.361231	0.837268	-1.19436	0.29079	1.23055	1.23055	13.4534	7.63038	0.504152	1
cg02928916	0.142004	0.590581	-1.69325	0.648905	0.858206	-1.16522	0.177203	0.619737	-1.61359	0.00397695	3.63916	3.63916	7.36633	12.9835	1.56671	1
cg12775613	0.889524	0.9414	-1.06225	0.0177526	0.285769	-3.49933	0.0953738	0.451097	-2.21682	0.21133	0.56431	-1.77207	6.82473	20.4051	2.65766	1
cg13690703	0.956902	1.0114	1.0114	0.934967	0.983028	-1.01727	0.294318	0.796006	-1.25627	0.0100526	0.50589	-1.97671	4.7947	3.34099	0.619386	1
cg19116351	0.487272	1.13395	1.13395	0.15553	0.762854	-1.31087	0.834159	1.03805	1.03805	0.0057132	0.524398	-1.90695	4.60534	2.31406	0.446642	1
cg16921789	0.284741	0.688979	-1.45142	0.543513	0.813702	-1.22895	0.104383	1.81336	1.81336	0.442902	0.769284	-1.29991	4.88148	8.69026	1.58245	1
cg09361691	0.178916	0.584785	-1.71003	0.00271173	0.210922	-4.74109	0.0901231	0.495689	-2.01739	0.0196672	0.346868	-2.88294	4.30436	9.62429	1.9875	1
cg12089079	0.112452	2.55581	2.55581	0.099337	0.37494	-2.6671	0.0153076	5.03647	5.03647	0.42444	1.55731	1.55731	3.68391	17.2043	4.15122	1
cg15894389	0.338679	0.710877	-1.40671	0.0403273	0.44062	-2.26953	0.0950272	0.530059	-1.88658	0.527112	0.801138	-1.24822	3.62486	6.87358	1.68554	1
cg06476131	0.634929	0.819098	-1.22086	0.00574933	0.22087	-4.52756	0.675455	0.838894	-1.19205	0.34927	0.66898	-1.49481	4.63155	12.7679	2.45043	1
cg12793238	0.0462373	0.281989	-3.54624	0.0191178	0.207626	-4.81634	0.73142	0.826139	-1.21045	0.0519166	0.29346	-3.40762	3.45368	16.8078	4.32589	1
cg18817485	0.0179801	0.335029	-2.98482	0.00907283	0.283277	-3.53012	5.05E-05	18.0063	18.0063	0.764256	0.891895	-1.12121	13.6844	31.3603	2.03705	1
cg00202711	0.0304308	0.415997	-2.40386	0.497566	0.788646	-1.268	3.35E-05	16.0138	16.0138	0.0374891	2.29855	2.29855	10.7526	20.2436	1.67348	1
cg12950441	0.785033	1.21054	1.21054	0.00811093	0.0935922	-10.6847	0.00016102	90.317	90.317	0.993005	0.993893	-1.00614	9.02277	69.7853	6.87498	1
cg05772663	0.045646	0.324009	-3.08633	0.326053	0.607339	-1.64653	0.000262032	19.1229	19.1229	0.0458002	3.08316	3.08316	6.83762	26.1906	3.40477	1
cg26383972	0.0924794	4.44821	4.44821	0.051351	0.167251	-5.97902	0.00234378	30.667	30.667	0.0248596	8.6065	8.6065	4.58897	47.2222	9.147	1
cg25885716	0.0336786	0.219391	-4.55808	0.04536	4.07022	4.07022	0.0280233	4.88931	4.88931	0.212363	2.23272	2.23272	4.32551	25.616	5.26407	1
cg03269770	0.0841244	0.48797	-2.0493	0.00197449	0.193711	-5.16232	0.0900817	0.495898	-2.01654	0.00583398	0.25786	-3.87807	4.24614	9.47979	1.9845	1
cg00369477	0.298164	0.618989	-1.61554	0.205763	0.552285	-1.81066	0.000122159	19.7427	19.7427	0.463617	1.39347	1.39347	8.85927	27.7576	2.78504	1
cg09687738	0.00212151	0.086642	-11.5417	0.983428	1.01183	1.01183	0.883258	0.920159	-1.08677	0.866219	1.10019	1.10019	4.61638	23.4473	4.51479	1
cg18153989	0.0170317	0.360649	-2.77278	0.000268262	0.122924	-8.1351	0.407256	1.34606	1.34606	0.00324115	0.244729	-4.08615	11.7853	22.9382	1.73008	1
cg10199730	0.154348	0.584469	-1.71095	0.162331	1.69125	1.69125	0.206846	1.59828	1.59828	0.0516067	0.458241	-2.18226	5.00412	9.83324	1.74669	1
cg24489774	0.578714	0.914664	-1.0933	0.000218586	0.375279	-2.66469	0.883612	1.02357	1.02357	0.0273564	0.660253	-1.51457	16.7581	6.71218	0.356029	1
cg05459616	0.0751414	0.63846	-1.56627	0.788369	1.06281	1.06281	0.429085	0.832952	-1.20055	0.628271	0.895414	-1.1168	5.49793	4.46418	0.721756	1
cg09418568	0.165493	0.688472	-1.45249	0.59806	1.14369	1.14369	0.437529	0.818848	-1.22123	0.052817	0.573816	-1.74272	12.6084	12.717	0.896547	1
cg04103377	0.544383	1.20568	1.20568	0.0492754	1.98207	1.98207	0.260265	0.699088	-1.43043	0.748856	0.90672	-1.10288	4.04118	5.94835	1.30838	1
cg26724798	0.0123334	0.312977	-3.19512	0.00275278	0.214363	-4.66498	0.0117582	0.309395	-3.23211	0.0260566	0.373617	-2.67654	8.50772	18.7261	1.95651	1
cg08372315	0.0537455	0.414589	-2.41203	0.00266735	0.188284	-5.31112	0.0192173	0.320231	-3.12274	0.0351447	0.372856	-2.682	7.52904	19.2703	2.27508	1
cg00363114	0.552048	1.13192	1.13192	0.838958	0.958955	-1.0428	0.0315627	0.594961	-1.68078	0.0664549	0.654472	-1.52795	4.21816	2.83404	0.597213	1
cg00078348	0.594444	1.17634	1.17634	0.0118595	0.386971	-2.58417	0.4241	0.781352	-1.27983	0.405119	0.77303	-1.29361	3.79503	5.49023	1.28595	1
cg14199144	0.222401	0.516339	-1.93671	0.00313359	0.124671	-8.02111	0.240181	0.530508	-1.88499	0.00238525	0.112749	-8.86929	6.98325	29.3881	3.74077	1
cg08208133	0.798598	0.918282	-1.08899	0.431076	0.764955	-1.30727	0.00101821	0.197019	-5.07565	0.0207187	0.395114	-2.53092	6.61981	11.655	1.565	1
cg05942508	0.721133	1.22124	1.22124	0.0121757	0.175131	-5.71001	0.402192	0.619965	-1.61299	0.350749	0.585336	-1.70842	4.81103	23.6937	4.37766	1
cg01586609	0.212732	1.49504	1.49504	0.862819	0.948385	-1.05442	0.261721	1.43138	1.43138	0.0580371	0.51865	-1.92808	4.39283	6.5329	1.32193	1
cg20178075	0.0783766	0.207318	-4.82351	0.0101334	0.0735233	-13.6011	0.0909697	0.223496	-4.47435	0.0458987	0.158597	-6.30528	3.73306	38.2877	9.11679	1
cg23851685	0.737228	0.856027	-1.16819	0.00968047	0.220667	-4.53172	0.0452654	0.346356	-2.88721	0.0500606	0.356497	-2.80507	3.74288	12.6325	3.00008	1
cg19815720	0.0272756	0.453789	-2.20367	0.000507546	0.193395	-5.17076	0.000117335	0.130011	-7.69164	0.0142896	0.400987	-2.49384	10.1409	14.6931	1.28791	1
cg19233761	0.00949385	0.305871	-3.26935	0.00238983	0.217442	-4.59893	0.00102864	0.173172	-5.7746	0.0277314	0.39143	-2.55473	7.42431	15.2798	1.8294	1
cg18271969	0.149877	1.42335	1.42335	0.979435	0.994123	-1.00591	0.277238	0.772285	-1.29486	0.147348	0.700799	-1.42694	5.98653	4.95771	0.736128	1
cg00310588	0.053483	0.320089	-3.12413	0.00881913	0.176944	-5.65152	0.00729512	0.165776	-6.03223	0.0700626	0.349264	-2.86317	4.88911	20.8888	3.79779	1
cg25782665	0.176208	0.508071	-1.96823	0.0294385	0.298893	-3.34568	0.0080505	0.202188	-4.9459	0.0499656	0.348995	-2.86537	4.53183	15.9158	3.12178	1
cg12749468	0.534535	1.09957	1.09957	0.00958647	1.64034	1.64034	0.0215218	1.51684	1.51684	0.592518	1.08493	1.08493	8.57952	3.09389	0.320545	1
cg00902763	0.00366173	0.190307	-5.25467	0.0104063	0.256122	-3.90439	0.00109452	0.130894	-7.63975	0.0168623	0.292014	-3.42449	8.03318	22.6788	2.50946	1
cg17645664	0.0175311	0.381898	-2.6185	0.00150753	0.218178	-4.58341	0.14155	0.590746	-1.69278	0.0506748	0.476413	-2.09902	6.30209	11.0669	1.56095	1
cg14483391	0.0702835	0.55552	-1.80012	0.0932553	0.584836	-1.70988	0.0159495	0.424277	-2.35695	0.0327869	0.484047	-2.06592	4.71513	6.30349	1.18832	1
cg00576550	0.0696086	0.31597	-3.16486	0.62408	0.755469	-1.32368	0.0519172	0.284897	-3.51004	0.0777944	0.328664	-3.04262	3.83147	19.5582	4.53743	1
cg26153642	0.0148646	0.722293	-1.38448	2.03E-05	0.39243	-2.54823	0.225671	0.870958	-1.14816	0.00141488	0.605528	-1.65145	24.5939	4.59267	0.165991	1
cg05451388	0.477934	0.785186	-1.27358	0.617971	1.18357	1.18357	0.948086	0.978411	-1.02207	0.242718	0.663794	-1.50649	5.9679	10.6192	1.58168	1
cg18236734	0.0554593	0.489264	-2.04388	0.844581	0.937409	-1.06677	0.825459	1.07545	1.07545	0.125929	0.579658	-1.72516	4.45405	7.65027	1.52676	1
cg24372174	0.937898	0.975322	-1.0253	0.0140898	0.378415	-2.6426	0.330592	0.724741	-1.3798	0.56096	0.828178	-1.20747	3.9404	6.41776	1.44774	1
cg24875857	0.278932	1.1798	1.1798	0.00380952	1.77379	1.77379	0.547089	1.09362	1.09362	0.124784	0.783434	-1.27643	3.54222	1.21022	0.303694	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01953456	HTR3E;HTR3E	0.0114057	0.812013	1.1087	1.1087	0.00386564	0.185328	-5.39585	0.554242	0.771743	-1.29577	0.00322383	0.175396	-5.70137	0.00578238	0.208863	-4.78783
cg27090784	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	6.15E-05	0.000129583	3.3891	3.3891	3.57E-05	4.32218	4.32218	0.00292785	2.1175	2.1175	0.397514	1.17236	1.17236	4.98E-05	4.04518	4.04518
cg12816057	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.00472102	0.0116023	0.359452	-2.78202	0.00534024	0.304243	-3.28685	0.541365	0.818342	-1.22198	0.0585136	0.500047	-1.99981	0.000658142	0.184115	-5.43139
cg17220584	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.0056086	0.265383	0.705041	-1.41836	0.563698	1.19216	1.19216	0.0620458	0.531189	-1.88257	0.661381	1.14193	1.14193	0.000152776	0.141522	-7.06602
cg01406506	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.0125084	0.60542	1.12929	1.12929	0.206127	0.732612	-1.36498	0.00755024	0.44847	-2.22981	0.000924266	0.315261	-3.17198	0.507373	1.1699	1.1699
cg00852398	HTR5A	0.000144907	0.631512	0.90197	-1.10868	6.47E-06	0.116933	-8.55188	0.342829	0.811666	-1.23203	0.0832052	0.663979	-1.50607	0.00575327	0.461729	-2.16577
cg25780543	HTR5A	0.000318348	0.0928866	1.27176	1.27176	0.0145565	1.47892	1.47892	0.0704024	1.30077	1.30077	0.22845	0.848436	-1.17864	0.000195552	0.442838	-2.25816
cg15835825	HTR5A	0.00482711	0.00221371	0.738613	-1.35389	0.0128453	1.24397	1.24397	0.0515091	1.16954	1.16954	0.00587204	1.29013	1.29013	0.295423	0.926203	-1.07968
cg25058023	HTR5A	0.00522821	0.561379	1.15051	1.15051	0.448154	1.20268	1.20268	0.0439571	0.575397	-1.73793	0.00549179	0.418285	-2.39071	0.644858	0.895113	-1.11718
cg21633143	HTR5A	0.00865017	0.0220259	0.73009	-1.36969	0.00519388	1.52579	1.52579	0.0107486	0.692726	-1.44357	0.0164515	1.39899	1.39899	0.987146	1.00185	1.00185
cg07648740	HTR5A	0.00970725	0.022266	0.226317	-4.41859	0.00136446	0.0804242	-12.4341	0.0181579	0.211039	-4.73847	0.897915	0.932755	-1.07209	0.0114289	0.179668	-5.56582
cg12580770	HTR5A	0.0107192	0.10361	0.383341	-2.60864	0.120747	2.47558	2.47558	0.154202	0.439704	-2.27426	0.0140194	5.12493	5.12493	0.0047868	0.133046	-7.51622
cg24661173	HTR5A	0.0122123	0.879927	1.07396	1.07396	0.00235106	0.134875	-7.41427	0.252974	0.569184	-1.7569	0.400344	1.5013	1.5013	0.173138	1.98213	1.98213
cg27551227	HTR5A	0.0187937	0.0177598	0.167141	-5.98296	0.00637695	0.110464	-9.05276	0.00632304	0.110073	-9.08485	0.153279	0.387126	-2.58314	0.0400154	0.229256	-4.36193
cg02579332	HTR5A	0.0208298	0.39712	0.838258	-1.19295	0.0492908	1.57868	1.57868	0.0237513	0.577416	-1.73185	0.0651896	0.656233	-1.52385	0.931106	1.01775	1.01775
cg03024742	HTR5A	0.0368909	0.913042	0.96194	-1.03957	0.46867	1.2994	1.2994	0.930562	0.969516	-1.03144	0.099673	0.526782	-1.89832	0.105996	0.534107	-1.87228
cg23757489	HTR5A	0.0378572	0.500288	1.09991	1.09991	0.82756	0.970091	-1.03083	0.00871994	1.59228	1.59228	0.134948	1.25146	1.25146	0.474018	1.10666	1.10666
cg11298960	HTR5A;HTR5A	0.00351979	0.0286637	0.510743	-1.95793	0.00551652	0.386938	-2.58439	0.0544167	0.566604	-1.7649	0.404491	0.800894	-1.24861	0.00188179	0.317539	-3.14922
cg03321592	HTR6	1.04E-05	0.0558515	0.642137	-1.5573	0.248142	0.781249	-1.28	0.0382065	1.63423	1.63423	0.183342	0.749267	-1.33464	0.0133804	0.534515	-1.87086
cg01468656	HTR6	3.95E-05	0.71863	1.05802	1.05802	0.00840197	0.591677	-1.69011	0.429056	1.13411	1.13411	0.299773	1.18237	1.18237	0.236561	0.824207	-1.21329
cg11247289	HTR6	0.000350696	0.567768	0.923139	-1.08326	0.684304	1.05825	1.05825	0.00237243	1.79843	1.79843	0.886442	1.01999	1.01999	0.876138	1.02184	1.02184
cg18243460	HTR6	0.000377475	0.0862005	0.809195	-1.2358	7.32E-05	0.446827	-2.238	0.0603997	0.789385	-1.26681	0.12669	1.20262	1.20262	0.0303804	0.752605	-1.32872
cg03056854	HTR6	0.000392764	0.00219681	0.322833	-3.09758	0.260909	0.734368	-1.36172	0.0299237	0.510376	-1.95934	0.158586	0.672451	-1.4871	8.88E-05	0.157522	-6.34832
cg18023598	HTR6	0.0310842	0.120726	3.13044	3.13044	0.0851567	3.63538	3.63538	0.408569	1.77391	1.77391	0.378636	1.84507	1.84507	0.248244	2.26711	2.26711
cg04607131	HTR6	0.0382439	0.0486322	0.378184	-2.64421	0.0917811	2.22875	2.22875	0.10998	2.12153	2.12153	0.622575	1.23885	1.23885	0.0448275	0.370015	-2.70259
cg03704523	HTR7;HTR7;HTR7	2.81E-05	0.308145	1.19449	1.19449	0.00382671	0.518467	-1.92876	0.0511406	0.687843	-1.45382	0.0653185	1.41704	1.41704	7.36E-06	0.189329	-5.28182
cg07501070	HTR7;HTR7;HTR7	0.000406554	0.0335607	0.581687	-1.71914	0.000168724	0.247391	-4.04218	0.00496677	0.444137	-2.25156	0.00167169	0.374978	-2.66683	0.00520345	0.447224	-2.23602
cg10650018	HTR7;HTR7;HTR7	0.00222361	0.0184772	3.73247	3.73247	0.00399207	5.95097	5.95097	0.07078	2.53598	2.53598	0.0679117	2.56629	2.56629	0.00364716	6.12607	6.12607
cg16738940	HTR7;HTR7;HTR7	0.00235407	0.823979	1.06298	1.06298	0.527616	0.839084	-1.19178	0.0238908	0.477635	-2.09365	0.932608	1.02346	1.02346	0.135969	0.643742	-1.55342
cg10876621	HTR7;HTR7;HTR7	0.00304557	0.0295402	1.72167	1.72167	0.119929	1.43004	1.43004	0.208689	0.755031	-1.32445	0.543095	0.877644	-1.13941	0.0032257	0.426539	-2.34445
cg01274715	HTR7;HTR7;HTR7	0.0059209	0.00444651	0.444395	-2.25025	0.920251	0.978826	-1.02163	0.000363072	3.39204	3.39204	0.586158	1.12466	1.12466	0.130749	0.705575	-1.41728
cg05756489	HTR7;HTR7;HTR7	0.011577	0.017439	16.2164	16.2164	0.00406728	40.9554	40.9554	0.0464692	8.98276	8.98276	0.257525	3.1188	3.1188	0.0248947	13.0627	13.0627
cg25972578	HTR7;HTR7;HTR7	0.0159112	0.015416	0.471569	-2.12058	0.00183213	0.326482	-3.06296	0.0318163	0.529285	-1.88934	0.246773	0.736203	-1.35832	0.0415861	0.552062	-1.81139
cg05762326	HTR7;HTR7;HTR7	0.0216887	0.826472	0.961836	-1.03968	0.0588594	0.685125	-1.45959	0.0252406	0.624018	-1.60252	0.188695	0.781287	-1.27994	0.00103911	0.422877	-2.36475
cg12583095	HTR7;HTR7;HTR7	0.0220683	0.0981088	0.549807	-1.81882	0.0102356	0.34397	-2.90723	0.995332	1.00193	1.00193	0.0799384	0.526985	-1.89759	0.0358036	0.446956	-2.23735
cg12639324	HTR7;HTR7;HTR7	0.0411806	0.789741	1.04337	1.04337	0.0688839	1.38188	1.38188	0.602335	1.0871	1.0871	0.239008	1.21642	1.21642	0.498944	1.11522	1.11522
cg15364725	HTR7;HTR7;HTR7;HTR7;HTR7;HTR7	0.0390499	0.480815	0.862217	-1.1598	0.393112	1.19839	1.19839	0.300722	1.24837	1.24837	0.327279	0.81123	-1.2327	0.744651	0.934626	-1.06995
cg18191494	HTR7P	0.000673592	0.398791	1.19654	1.19654	0.000489037	0.321497	-3.11045	0.00112394	0.369308	-2.70777	0.000172628	0.265779	-3.76252	0.531269	1.1408	1.1408
cg20822426	HTR7P	0.00501488	0.00401944	2.83014	2.83014	0.0114537	2.3435	2.3435	0.0169062	2.19101	2.19101	0.0131967	2.28649	2.28649	0.946248	1.01831	1.01831
cg16705889	HTR7P	0.0167348	0.96623	0.995814	-1.0042	0.0651406	0.814526	-1.22771	0.095939	0.834307	-1.1986	0.0598124	0.810254	-1.23418	0.728125	0.966016	-1.03518
cg15421606	HTR7P;HEBP1	1.51E-05	?	?	?	0.0153843	0.595707	-1.67868	0.0272616	0.638589	-1.56595	3.92E-05	0.191186	-5.23051	9.28E-05	0.241165	-4.14653
cg26648592	HTR7P;HEBP1	0.000402482	0.215416	0.837056	-1.19466	7.10E-06	3.87301	3.87301	0.907021	1.01607	1.01607	0.315802	1.15198	1.15198	0.0511776	0.738665	-1.35379
cg03157633	HTR7P;HEBP1	0.00195789	0.000221867	0.482278	-2.07349	0.013109	1.44029	1.44029	0.325494	1.12794	1.12794	0.004392	0.636966	-1.56994	0.46744	0.916053	-1.09164
cg11392389	HTR7P;HEBP1	0.0120421	0.0881389	1.73257	1.73257	0.536686	1.20048	1.20048	0.907417	1.03456	1.03456	0.168223	1.53554	1.53554	0.0993471	0.590013	-1.69488
cg22490861	HTR7P;HEBP1	0.0123791	0.026717	4.81118	4.81118	0.00828728	7.53758	7.53758	0.2899	1.9296	1.9296	0.12464	2.70425	2.70425	0.124445	0.369567	-2.70587
cg02266714	HTR7P;HEBP1	0.0270012	0.219548	0.827677	-1.2082	0.0184849	0.657988	-1.51978	0.00898569	1.62692	1.62692	0.858912	1.02641	1.02641	0.579752	1.08539	1.08539
cg10196309	HTR7P;HEBP1	0.044719	0.398616	0.804401	-1.24316	0.00679621	2.41899	2.41899	0.299997	1.31064	1.31064	0.613909	1.1367	1.1367	0.602293	0.875976	-1.14158
cg22701672	HTRA1	0.000399465	0.584754	0.876204	-1.14129	2.91E-05	7.1307	7.1307	0.0718745	1.61807	1.61807	0.0105987	2.15931	2.15931	0.218096	0.733247	-1.3638
cg24433738	HTRA1	0.0151211	0.0591967	1.27291	1.27291	0.310751	1.12615	1.12615	0.270001	1.13895	1.13895	0.0420832	1.30383	1.30383	0.360955	1.11225	1.11225
cg11157691	HTRA1	0.0182233	0.387767	0.760968	-1.31412	0.0318652	0.460185	-2.17304	0.309406	0.722817	-1.38348	0.971182	0.988915	-1.01121	0.000739728	0.2057	-4.86145
cg08447739	HTRA1	0.0184553	0.0234792	0.0815191	-12.2671	0.741228	1.35931	1.35931	0.936301	1.07685	1.07685	0.332081	0.395767	-2.52674	0.000693956	0.00827404	-120.86
cg03974204	HTRA1	0.042917	0.318021	1.68823	1.68823	0.00283983	8.04352	8.04352	0.0352106	3.47161	3.47161	0.444488	1.48516	1.48516	0.875785	1.08261	1.08261
cg23791011	HTRA1	0.0495008	0.177483	0.66907	-1.49461	0.497402	1.2131	1.2131	0.00663675	0.37236	-2.68557	0.0144492	0.429486	-2.32836	0.125693	0.628356	-1.59145
cg19234858	HTRA2;AUP1;HTRA2	0.00219113	0.148316	0.823463	-1.21438	0.000445427	2.00203	2.00203	0.00907989	1.51484	1.51484	0.0316728	0.729393	-1.371	0.288809	0.871154	-1.1479
cg06179009	HTRA2;AUP1;HTRA2	0.0103258	0.049858	0.837869	-1.1935	0.0577127	1.18496	1.18496	0.675552	1.03385	1.03385	0.406885	0.935105	-1.0694	0.713132	0.97122	-1.02963
cg10088527	HTRA2;AUP1;HTRA2	0.0390776	0.51143	1.12602	1.12602	0.0078673	0.544602	-1.8362	0.894802	0.976698	-1.02386	0.211709	1.26423	1.26423	0.999125	1.0002	1.0002
cg21485166	HTRA2;AUP1;HTRA2	0.0466411	0.450994	1.17655	1.17655	0.0224025	0.560357	-1.78458	0.20922	1.32341	1.32341	0.77728	0.94173	-1.06188	0.0389854	0.602968	-1.65846
cg02154074	HTRA2;HTRA2;AUP1	0.00312371	0.000921069	0.643063	-1.55506	0.00336746	1.42718	1.42718	0.0071071	1.36361	1.36361	0.896478	0.988458	-1.01168	0.379342	1.08375	1.08375
cg22039458	HTRA2;HTRA2;AUP1	0.0234515	0.787782	0.967862	-1.03321	0.0516771	1.3075	1.3075	0.000942956	1.81688	1.81688	0.686122	1.05042	1.05042	0.387012	0.89821	-1.11333
cg19339902	HTRA3	0.000944494	0.0791987	0.663234	-1.50776	0.0334851	1.68785	1.68785	0.112529	0.694874	-1.43911	0.0199802	0.553405	-1.807	9.34E-05	0.230338	-4.34145
cg27208536	HTRA3	0.00126509	0.0063193	1.57615	1.57615	0.358235	0.886142	-1.12849	0.17388	0.83102	-1.20334	0.357757	1.12863	1.12863	0.0102603	0.661031	-1.51279
cg08791953	HTRA3	0.00131768	0.18791	1.42354	1.42354	5.18E-05	6.7946	6.7946	0.00904868	2.31548	2.31548	0.0134527	0.460971	-2.16934	0.988149	1.00377	1.00377
cg03216867	HTRA3	0.00206172	0.00409644	0.5603	-1.78476	0.113284	0.771675	-1.29588	0.00430413	0.563189	-1.7756	0.0031592	0.545195	-1.8342	0.00042535	0.432025	-2.31468
cg00923860	HTRA3	0.00317896	0.0045033	0.397968	-2.51276	0.126315	1.49553	1.49553	0.0673593	0.607249	-1.64677	0.0031716	0.375	-2.66667	0.00134803	0.322016	-3.10543
cg18450270	HTRA3	0.00380267	0.200538	0.687122	-1.45535	0.037986	1.94972	1.94972	0.195959	0.684184	-1.46159	0.323424	0.753477	-1.32718	0.830339	1.06136	1.06136
cg18773997	HTRA3	0.00532009	0.117544	1.54627	1.54627	0.00103176	3.47839	3.47839	0.196853	1.41884	1.41884	0.785673	1.07239	1.07239	0.0197778	0.485971	-2.05774
cg15347662	HTRA3	0.00574026	0.389977	0.909359	-1.09968	0.0142865	0.721883	-1.38527	0.00598966	0.678787	-1.47322	0.285887	0.887323	-1.12699	0.797193	0.972606	-1.02817
cg18421538	HTRA3	0.00861606	0.0110685	0.395452	-2.52875	0.133994	0.62464	-1.60092	0.235595	0.696325	-1.43611	0.293323	1.37358	1.37358	0.00630356	0.354889	-2.81778
cg24105933	HTRA3	0.0162457	0.454879	0.894061	-1.11849	0.1098	0.773793	-1.29233	0.12675	0.784274	-1.27506	0.629824	0.931047	-1.07406	0.418886	0.885579	-1.1292
cg04967039	HTRA3	0.0175349	0.594309	0.817192	-1.2237	0.226481	0.620694	-1.6111	0.0625115	0.45509	-2.19737	0.958438	1.01976	1.01976	0.000778579	0.14821	-6.74719
cg11202160	HTRA3	0.0249626	0.0410559	0.535894	-1.86604	0.00844915	0.410723	-2.43473	0.0156642	0.456608	-2.19006	0.372611	1.27407	1.27407	0.0212956	0.480761	-2.08003
cg26022526	HTRA3	0.0404922	0.0136146	0.107987	-9.26037	0.0180798	0.123229	-8.11497	0.0138551	0.108877	-9.18471	0.0276222	0.149702	-6.67994	0.0196794	0.12815	-7.80337
cg25730237	HTRA3	0.0470234	0.0042412	0.495285	-2.01904	0.0348428	0.636687	-1.57063	0.0180237	0.590122	-1.69457	0.218594	0.788571	-1.26812	0.203786	0.781757	-1.27917
cg15046062	HTRA4	0.0241121	0.0888891	3.02519	3.02519	0.00888903	7.12812	7.12812	0.0249097	4.82876	4.82876	0.350115	1.76362	1.76362	0.0445157	3.90036	3.90036
cg04904469	HTRA4	0.0324279	0.171366	0.553212	-1.80763	0.0834145	2.17936	2.17936	0.326384	1.5097	1.5097	0.21706	1.6955	1.6955	0.379555	0.693189	-1.44261
cg18990313	HTRA4	0.0442821	0.0577863	6.57029	6.57029	0.00852451	19.0285	19.0285	0.0559122	6.68947	6.68947	0.196774	3.31231	3.31231	0.0722666	5.81487	5.81487
cg16473915	HTRA4;HTRA4	0.0159808	0.0575568	2.24903	2.24903	0.0140161	3.14206	3.14206	0.00785464	3.62287	3.62287	0.288703	1.51536	1.51536	0.0186823	2.93217	2.93217
cg12535715	HTRA4;HTRA4	0.0313534	0.0756736	2.40417	2.40417	0.00400652	5.56009	5.56009	0.0620655	2.53959	2.53959	0.0817538	2.35318	2.35318	0.0607151	2.55505	2.55505
cg18319433	HTT	0.00130174	0.00172074	0.28542	-3.50361	0.00324975	0.324686	-3.0799	0.0848825	0.586224	-1.70583	0.730189	1.1019	1.1019	0.176803	0.668705	-1.49543
cg16524332	HTT	0.00157453	0.322055	0.906664	-1.10294	0.695974	1.03833	1.03833	0.101345	0.842125	-1.18747	0.0563513	1.22994	1.22994	0.0231658	1.29696	1.29696
cg08288806	HTT	0.00293863	0.309901	1.08439	1.08439	0.477792	0.945871	-1.05723	0.00480584	0.749385	-1.33443	0.0982357	1.15008	1.15008	0.0559815	1.18166	1.18166
cg11858516	HTT	0.00296739	0.00504645	0.456809	-2.1891	0.521073	0.871602	-1.14731	0.339398	0.812172	-1.23127	0.0454609	1.6237	1.6237	0.000114413	0.239248	-4.17976
cg21625301	HTT	0.00394314	0.552523	1.07823	1.07823	0.259605	0.862943	-1.15882	0.837434	0.974577	-1.02609	0.00997722	1.50354	1.50354	0.108827	1.24509	1.24509
cg11324953	HTT	0.00406021	0.00667248	0.378987	-2.63861	0.0111352	0.415932	-2.40424	0.0149644	0.43835	-2.28128	0.948262	1.01805	1.01805	0.00299351	0.325497	-3.07223
cg15909473	HTT	0.00616719	0.336969	0.876454	-1.14096	0.000297261	0.456359	-2.19126	0.0167209	1.47564	1.47564	0.971227	1.00482	1.00482	0.16993	0.823057	-1.21498
cg21121843	HTT	0.0180132	0.156272	0.533643	-1.87391	0.0130247	0.279218	-3.58144	0.00722419	0.237998	-4.20171	0.018135	0.304773	-3.28113	0.10305	0.477836	-2.09277
cg07624479	HTT	0.0187606	0.0369171	1.33372	1.33372	0.261929	0.870227	-1.14912	0.358343	0.893836	-1.11877	0.141378	1.20674	1.20674	0.0293455	0.737147	-1.35658
cg06383113	HTT	0.0208581	0.000350011	0.228511	-4.37615	0.168314	0.685848	-1.45805	0.538342	0.852118	-1.17355	0.0722455	0.597313	-1.67416	0.866937	0.957841	-1.04402
ch.4.132387F	HTT	0.0211846	0.0802195	0.482505	-2.07252	0.000709563	0.14416	-6.93675	0.0322547	0.390005	-2.56407	0.0541086	0.440056	-2.27244	0.0861671	0.490689	-2.03795
cg14416248	HTT	0.0253421	0.418987	0.811419	-1.23241	0.0206274	2.02482	2.02482	0.240694	1.36456	1.36456	0.683174	0.901368	-1.10942	0.00817802	0.424684	-2.35469
cg13877631	HTT	0.0283076	0.00888204	0.266884	-3.74695	0.0813404	0.464655	-2.15213	0.00750493	0.255352	-3.91616	0.0937991	0.481434	-2.07713	0.0253499	0.348372	-2.8705
cg17988021	HTT	0.0372002	0.173598	0.724694	-1.37989	0.0103829	0.487789	-2.05006	0.0501249	0.608497	-1.64339	0.53514	1.14992	1.14992	0.00496878	0.437302	-2.28675
cg05736642	HTT	0.0415352	0.767462	1.11105	1.11105	0.806466	0.916524	-1.09108	0.411993	1.34701	1.34701	0.199549	1.61821	1.61821	0.00275041	0.230545	-4.33754
cg19280196	HTT	0.0470731	0.487831	1.1787	1.1787	0.704882	1.09282	1.09282	0.780377	0.936878	-1.06738	0.107642	0.66394	-1.50616	0.00522886	0.423426	-2.36169
cg11201869	HULC	0.00215177	0.0692253	0.407224	-2.45565	0.026885	3.18511	3.18511	0.00482146	0.191542	-5.22079	0.0688339	0.406589	-2.45949	0.0412604	0.353276	-2.83065
cg21204600	HULC	0.00438797	0.346398	1.46604	1.46604	0.0577967	0.428997	-2.33102	0.0029139	0.199108	-5.0224	0.232078	0.609896	-1.63962	0.0113345	0.286238	-3.4936
cg14374829	HUNK	0.0105954	0.288736	0.77517	-1.29004	0.616896	0.889913	-1.12371	0.0167345	1.96468	1.96468	0.245554	0.755134	-1.32427	0.511784	0.857381	-1.16634
cg26140688	HUNK	0.0137765	0.09651	0.790352	-1.26526	0.000628494	0.50777	-1.9694	0.00466367	0.615637	-1.62433	0.0146312	0.678681	-1.47345	0.23989	0.853277	-1.17195
cg16631083	HUNK	0.0290232	0.701929	1.15345	1.15345	0.00146141	5.50719	5.50719	0.00837802	3.492	3.492	0.283092	1.51292	1.51292	0.306575	1.48138	1.48138
cg10348138	HUNK	0.0316787	0.147349	0.766853	-1.30403	0.553443	1.10777	1.10777	0.302464	0.833284	-1.20007	0.0313813	0.649822	-1.53888	0.128987	0.755709	-1.32326
cg14171882	HUS1	0.000178092	0.591316	0.908558	-1.10065	0.0257587	1.59763	1.59763	0.00154552	0.446814	-2.23807	0.639993	1.08691	1.08691	7.37E-05	0.279472	-3.57818
cg23633700	HUS1	0.000256592	0.930102	0.982976	-1.01732	0.0260938	0.596481	-1.6765	0.203726	0.769084	-1.30025	0.00175193	0.417735	-2.39386	0.000855641	0.375202	-2.66523
cg18845277	HUS1	0.000397133	0.000554471	0.197764	-5.05652	0.436384	1.27142	1.27142	0.0823692	0.558814	-1.7895	0.305644	0.725579	-1.37821	0.000228061	0.156882	-6.3742
cg10042478	HUS1	0.000512216	0.285192	0.869541	-1.15003	0.00625219	0.638448	-1.5663	0.00155758	0.564012	-1.77301	0.00179268	0.571496	-1.74979	0.486875	1.09304	1.09304
cg22641632	HUS1	0.00119253	0.012324	0.415921	-2.4043	0.0298511	0.487015	-2.05333	0.000678249	0.23173	-4.31536	0.22049	1.43706	1.43706	0.000258651	0.184095	-5.43198
cg13794565	HUS1	0.00652507	0.124828	1.91283	1.91283	0.294509	1.52868	1.52868	0.559748	0.794364	-1.25887	0.275542	1.55706	1.55706	0.00019575	0.0867285	-11.5302
cg12034229	HUS1	0.0122559	0.291231	0.829552	-1.20547	0.00724674	1.80602	1.80602	0.248711	1.22842	1.22842	0.0538086	0.688265	-1.45293	0.660957	0.92746	-1.07821
cg27019250	HUS1	0.0126454	0.222474	0.758913	-1.31767	0.0902537	1.49438	1.49438	0.331151	0.805934	-1.2408	0.225218	0.760275	-1.31531	0.143526	0.713044	-1.40244
cg25319337	HUS1	0.0257115	0.111986	0.405447	-2.46642	0.461451	0.676327	-1.47858	0.00746132	0.165792	-6.03166	0.191858	0.486428	-2.0558	0.0014161	0.0898595	-11.1285
cg11857288	HUS1	0.0262815	0.682542	0.939563	-1.06432	0.496727	1.11028	1.11028	0.0151383	0.636092	-1.5721	0.557658	1.09406	1.09406	0.00577789	0.577972	-1.73019
cg25808082	HUS1B;EXOC2	0.000983912	0.099186	0.814969	-1.22704	0.0292314	0.747661	-1.3375	0.762098	0.966215	-1.03497	0.801148	0.971837	-1.02898	0.0558719	0.782549	-1.27788
cg00882770	HUS1B;EXOC2	0.00549352	0.364371	0.859158	-1.16393	0.00211955	2.02089	2.02089	0.277394	1.20198	1.20198	0.0128187	1.65437	1.65437	0.570903	1.09776	1.09776
cg05920998	HUS1B;EXOC2	0.023278	0.494991	1.13241	1.13241	0.00164119	2.24587	2.24587	0.0168454	1.68765	1.68765	0.283085	1.22159	1.22159	0.11459	1.36065	1.36065
cg20592360	HUS1B;EXOC2	0.0251672	0.942407	1.00973	1.00973	0.0603296	1.32838	1.32838	0.694126	1.05441	1.05441	0.117952	1.25554	1.25554	0.0295282	1.40989	1.40989
cg02203922	HUS1B;EXOC2	0.0449217	0.689185	1.09393	1.09393	0.0962759	1.50351	1.50351	0.114213	1.46765	1.46765	0.571524	0.880139	-1.13618	0.790148	1.06137	1.06137
cg18450499	HUWE1	0.000823301	0.0378663	0.606404	-1.64907	0.0319453	0.593212	-1.68574	0.729726	1.07471	1.07471	0.289564	0.795824	-1.25656	0.000579637	0.330965	-3.02147
ch.X.881064F	HUWE1	0.000878972	2.18E-05	0.0502185	-19.913	0.641932	1.17843	1.17843	?	?	?	0.301077	0.686825	-1.45598	0.658704	1.16865	1.16865
cg01104810	HUWE1	0.00150372	0.407371	1.17081	1.17081	0.00153366	0.428142	-2.33568	0.0019463	0.442469	-2.26005	0.00303864	0.469737	-2.12885	0.000732364	0.384818	-2.59863
cg04058675	HUWE1	0.00164988	0.88581	0.971704	-1.02912	0.00217701	0.423576	-2.36085	0.112357	0.708012	-1.41241	0.106463	0.703196	-1.42208	0.00078416	0.362641	-2.75755
cg20878864	HUWE1	0.00286403	0.334288	0.736831	-1.35716	0.00190617	3.85236	3.85236	0.0239613	2.2843	2.2843	0.000114882	7.9636	7.9636	0.62337	1.16392	1.16392
cg24655865	HUWE1	0.0118635	0.00591083	0.225542	-4.43377	0.150447	0.528652	-1.8916	0.115772	0.493119	-2.02791	0.138389	0.516973	-1.93434	0.229672	0.593777	-1.68413
cg04031645	HUWE1	0.0128635	0.0692385	0.20263	-4.93511	0.0715932	0.205975	-4.85496	0.245455	2.59625	2.59625	0.0274683	7.75329	7.75329	0.16589	3.19135	3.19135
cg27313362	HUWE1;MIRLET7F2	0.00325322	0.756297	0.935069	-1.06944	0.0574087	0.629081	-1.58962	0.0570583	0.628566	-1.59092	0.375019	1.21696	1.21696	0.00010788	0.22942	-4.35882
cg21030907	HUWE1;MIRLET7F2	0.00551931	0.498866	1.27356	1.27356	0.831359	0.927635	-1.07801	0.0190113	0.367833	-2.71862	0.649954	0.851354	-1.1746	0.000100536	0.0881368	-11.346
cg25284031	HVCN1;HVCN1	0.000269562	0.177631	0.842862	-1.18643	0.0371997	1.33459	1.33459	0.0411468	0.754922	-1.32464	0.0147687	0.699076	-1.43046	3.61E-05	0.386792	-2.58537
cg00490543	HVCN1;HVCN1	0.000808844	0.0154071	0.712217	-1.40407	0.000191382	0.488056	-2.04894	0.00152975	0.594138	-1.68311	0.0670778	0.791139	-1.264	0.417183	1.09927	1.09927
cg06980169	HVCN1;HVCN1	0.00179702	0.0367676	0.673718	-1.4843	0.0393628	0.678386	-1.47409	0.028409	0.656311	-1.52367	0.0653366	0.71406	-1.40044	0.22662	1.22958	1.22958
cg19109120	HVCN1;HVCN1	0.0113261	0.0236217	0.436929	-2.2887	0.015899	0.403095	-2.48081	0.189987	1.51758	1.51758	0.951357	1.01834	1.01834	0.013234	0.388041	-2.57705
cg21675254	HVCN1;HVCN1	0.0139657	0.367474	1.33018	1.33018	0.0478623	2.00811	2.00811	0.060062	0.520101	-1.9227	0.270254	0.702022	-1.42446	0.707294	1.12328	1.12328
cg08121760	HVCN1;HVCN1	0.015457	0.0169399	0.445113	-2.24662	0.207745	0.69132	-1.44651	0.716588	1.10663	1.10663	0.0402892	0.517681	-1.93169	0.00709872	0.380373	-2.629
cg08975323	HVCN1;HVCN1	0.0364327	0.401391	0.869963	-1.14947	0.315211	1.18346	1.18346	0.518321	0.899234	-1.11206	0.655237	0.929702	-1.07561	0.597572	0.917223	-1.09025
cg10354474	HYAL1	0.010078	0.860443	1.0217	1.0217	0.818551	0.972357	-1.02843	0.774526	1.03566	1.03566	0.970105	0.995439	-1.00458	0.467417	1.0944	1.0944
cg22670630	HYAL1	0.014427	0.00170314	2.37014	2.37014	0.0204527	0.58396	-1.71245	0.744784	0.939033	-1.06492	0.66694	1.08695	1.08695	0.358576	0.833762	-1.19938
cg06360465	HYAL1;HYAL1;HYAL1;HYAL1;HYAL1;HYAL1	0.00446888	0.834988	0.931763	-1.07323	0.00217754	4.29326	4.29326	0.00894189	3.08566	3.08566	0.0170384	2.67954	2.67954	0.243514	1.51206	1.51206
cg22280173	HYAL2;HYAL2	1.08E-05	0.590452	0.911239	-1.09741	0.36671	1.17192	1.17192	0.0944421	0.730144	-1.36959	0.916858	1.01803	1.01803	0.00319303	1.99122	1.99122
cg09412061	HYAL2;HYAL2	0.0013165	0.0188181	0.491021	-2.03657	0.821692	0.945146	-1.05804	0.70533	0.909422	-1.0996	0.171717	1.43855	1.43855	7.95E-05	0.168331	-5.94067
cg25630588	HYAL2;HYAL2	0.008143	0.014112	1.4617	1.4617	0.000284795	2.10153	2.10153	0.159901	1.20704	1.20704	0.106235	1.2474	1.2474	0.80284	0.969138	-1.03184
cg06721473	HYAL2;HYAL2	0.0211089	0.612421	1.08436	1.08436	0.0415247	1.45149	1.45149	0.331984	1.17194	1.17194	0.973624	1.00525	1.00525	0.44551	0.884013	-1.13121

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01953456	0.0127576	0.261814	-3.81951	0.0558383	0.391282	-2.5557	0.295441	0.625052	-1.59987	0.024565	0.313541	-3.18937	5.66592	16.8331	2.64083	1
cg27090784	0.000571635	2.66193	2.66193	4.45E-05	4.13473	4.13473	7.16E-05	3.77375	3.77375	0.0722045	1.44529	1.44529	25.1972	13.4455	0.474321	1
cg12816057	0.0123522	0.364204	-2.74572	0.0144519	0.376324	-2.65728	0.00454893	0.293621	-3.40575	0.00661069	0.318782	-3.13694	7.46813	12.4356	1.48014	1
cg17220584	0.799223	0.926123	-1.07977	0.940966	1.02255	1.02255	0.00673871	0.347211	-2.88009	0.0505222	0.511158	-1.95634	7.08487	10.1742	1.27648	1
cg01406506	0.373598	0.808083	-1.2375	0.917602	1.02444	1.02444	0.00760997	0.449017	-2.22709	0.407282	0.820558	-1.21868	5.49884	4.74038	0.766284	1
cg00852398	0.0262789	0.569644	-1.75548	0.00135569	0.370341	-2.70021	0.000716016	3.00345	3.00345	0.376091	0.823701	-1.21403	20.0426	14.4714	0.641805	1
cg25780543	0.534738	0.921504	-1.08518	2.84E-05	2.91564	2.91564	0.23048	1.17771	1.17771	0.557967	1.08009	1.08009	16.1848	4.3339	0.238023	1
cg15835825	0.725511	0.975402	-1.02522	0.365299	0.93639	-1.06793	0.136047	1.12019	1.12019	0.0173925	1.22704	1.22704	7.41777	0.586473	0.0702784	1
cg25058023	0.828477	1.05317	1.05317	0.0696995	1.62303	1.62303	0.0004098	3.81824	3.81824	0.710817	1.09298	1.09298	7.23915	6.53484	0.802407	1
cg21633143	0.199272	0.856114	-1.16807	0.121554	0.825093	-1.21198	0.201253	1.16718	1.16718	0.444277	1.09344	1.09344	6.18965	1.28615	0.184702	1
cg07648740	0.0529676	0.303388	-3.29611	0.00336438	0.114934	-8.70068	0.0343585	0.262211	-3.81372	0.105598	0.383349	-2.60859	5.96699	27.7965	4.14077	1
cg12580770	0.497462	0.689997	-1.44928	0.00735796	0.155547	-6.42891	0.260467	1.88186	1.88186	0.797805	1.14831	1.14831	5.78043	26.566	4.0852	1
cg24661173	0.292802	1.67384	1.67384	0.0064996	0.188336	-5.30965	0.101108	0.428523	-2.3336	0.0160909	0.249024	-4.01567	5.54185	19.5534	3.13628	1
cg27551227	0.108869	0.337847	-2.95992	0.00680947	0.113519	-8.80912	0.0220135	0.181834	-5.49953	0.088212	0.311143	-3.21395	4.80475	29.3072	5.4219	1
cg02579332	0.599499	0.897791	-1.11385	0.00212533	0.415368	-2.4075	0.0791022	0.672543	-1.48689	0.111953	0.703144	-1.42218	4.63989	3.04251	0.58287	1
cg03024742	0.0145837	2.91128	2.91128	0.460188	1.30617	1.30617	0.0107523	3.12193	3.12193	0.151146	0.579008	-1.72709	3.79394	7.58205	1.77641	1
cg23757489	0.982174	0.996895	-1.00311	0.0810855	1.30892	1.30892	0.0152419	1.51404	1.51404	0.00574826	1.65508	1.65508	3.75831	1.15318	0.272742	1
cg11298960	0.0183771	0.474884	-2.10578	0.000181383	0.192319	-5.19969	0.349832	0.778412	-1.28467	0.848691	0.951498	-1.05097	8.16002	8.75627	0.95384	1
cg03321592	0.307271	1.24123	1.24123	0.0207757	0.566029	-1.7667	1.32E-07	30.2963	30.2963	0.296546	1.2477	1.2477	40.1346	26.5753	0.588583	1
cg01468656	0.478935	1.11875	1.11875	0.00145993	0.488454	-2.04727	7.25E-07	8.07266	8.07266	0.0612575	1.38924	1.38924	28.3355	10.9059	0.342119	1
cg11247289	0.381863	0.8832	-1.13225	0.250419	0.846771	-1.18096	4.96E-06	4.22852	4.22852	0.8075	1.03438	1.03438	15.7606	4.7873	0.270001	1
cg18243460	0.0354792	1.31445	1.31445	0.0140828	1.40278	1.40278	0.000231953	0.505456	-1.97841	0.0124202	0.706462	-1.4155	15.4449	3.05085	0.175584	1
cg03056854	0.000286388	0.210284	-4.75546	5.40E-05	0.137743	-7.25989	0.896211	0.966218	-1.03496	0.095412	0.617312	-1.61993	15.2769	16.7758	0.976101	1
cg18023598	0.0925645	3.50855	3.50855	0.00131711	23.7987	23.7987	0.0120464	8.35881	8.35881	0.0478058	4.63913	4.63913	4.03552	29.3901	6.47365	1
cg04607131	0.501757	0.745024	-1.34224	0.00951324	4.12943	4.12943	0.476417	1.36697	1.36697	0.884587	0.939219	-1.06471	3.74436	11.0533	2.62399	1
cg03704523	2.03E-06	0.138954	-7.19663	0.148193	1.29865	1.29865	0.0226096	0.63132	-1.58398	0.004781	0.532069	-1.87946	30.9931	13.9327	0.399591	1
cg07501070	0.00174233	0.377503	-2.64899	0.00508093	0.445642	-2.24395	3.61E-05	0.175983	-5.68237	0.00288075	0.408826	-2.44603	15.1322	11.4133	0.670436	1
cg10650018	0.0100147	4.47518	4.47518	0.000124773	21.7941	21.7941	0.00368093	6.10792	6.10792	0.0146369	3.99674	3.99674	9.34803	31.4532	2.99084	1
cg16738940	0.000134501	0.163136	-6.12986	0.00127327	0.275699	-3.62714	0.467194	0.81643	-1.22484	0.00258334	0.318226	-3.14242	9.19312	10.9421	1.058	1
cg10876621	0.0431172	1.63785	1.63785	0.000868089	0.34662	-2.88501	0.0268426	1.74367	1.74367	0.737592	0.931187	-1.0739	8.51991	6.06592	0.632862	1
cg01274715	0.228205	0.763155	-1.31035	0.8442	0.958822	-1.04295	0.392169	0.829155	-1.20605	0.444812	1.18113	1.18113	6.96763	5.04002	0.642975	1
cg05756489	0.0350102	10.641	10.641	0.00234534	59.5985	59.5985	0.00992647	22.9948	22.9948	0.0208421	14.5468	14.5468	5.63868	82.754	13.0454	1
cg25972578	0.206189	0.713789	-1.40098	0.00842168	0.42705	-2.34165	0.490265	1.19387	1.19387	0.0537582	0.574771	-1.73982	5.08039	5.14467	0.900136	1
cg05762326	0.663482	0.925344	-1.08068	0.0394718	0.655645	-1.52522	0.0551425	0.680221	-1.47011	0.0275391	0.630085	-1.58709	4.57624	2.27645	0.442178	1
cg12583095	0.139941	0.592386	-1.68809	0.00276859	0.25649	-3.89879	0.0317556	0.436078	-2.29317	0.0151941	0.374135	-2.67283	4.5491	7.83132	1.53023	1
cg12639324	0.102109	0.752582	-1.32876	0.00246493	0.512267	-1.95211	0.586412	1.0912	1.0912	0.867283	1.02693	1.02693	3.64381	1.45659	0.355326	1
cg15364725	0.523617	1.14307	1.14307	0.00414507	0.451531	-2.21469	0.0131586	1.88886	1.88886	0.763189	0.939402	-1.06451	3.71584	2.51858	0.602485	1
cg18191494	0.286798	0.794732	-1.25829	0.00631197	2.09344	2.09344	0.795538	1.05542	1.05542	0.164454	0.734839	-1.36084	13.1518	8.98705	0.607406	1
cg20822426	0.0109194	2.36314	2.36314	0.047482	1.84092	1.84092	0.000675672	4.05138	4.05138	0.00826394	2.48213	2.48213	7.33194	8.41385	1.02005	1
cg16705889	0.557816	0.942967	-1.06048	0.000929653	1.6319	1.6319	0.435465	0.924197	-1.08202	0.45704	1.07793	1.07793	4.99567	0.776608	0.138183	1
cg15421606	?	?	?	2.10E-05	6.31895	6.31895	7.80E-05	4.33515	4.33515	0.000266187	3.24689	3.24689	83.0729	25.2941	0.260984	1
cg26648592	0.00984505	1.56051	1.56051	0.627586	0.935489	-1.06896	0.0291533	1.42001	1.42001	0.0701908	1.318	1.318	15.1743	4.47184	0.261954	1
cg03157633	0.0974612	0.806015	-1.24067	0.00321807	0.620799	-1.61083	0.939588	1.00903	1.00903	0.408583	0.904628	-1.10543	9.70184	2.16073	0.197968	1
cg11392389	0.000379692	0.190511	-5.24905	0.182122	0.661259	-1.51227	0.691625	0.890082	-1.12349	0.452925	0.799862	-1.25022	5.56716	7.52124	1.20089	1
cg22490861	0.189008	2.29951	2.29951	0.00212314	13.2535	13.2535	0.0082756	7.54178	7.54178	0.140001	2.58615	2.58615	5.51747	31.2906	5.04105	1
cg02266714	0.583567	0.922101	-1.08448	0.00818307	0.609131	-1.64168	0.798422	1.0382	1.0382	0.949134	1.00939	1.00939	4.2416	1.44168	0.302126	1
cg10196309	0.0729886	0.604309	-1.65478	0.0259712	0.513932	-1.94578	0.351501	1.27315	1.27315	0.611266	0.878888	-1.1378	3.5338	3.55023	0.893021	1
cg22701672	0.000269239	4.18404	4.18404	0.000768232	3.38733	3.38733	0.0139921	2.06846	2.06846	0.154192	1.44095	1.44095	15.2058	13.8129	0.807462	1
cg24433738	0.761662	0.966128	-1.03506	0.00103951	0.576901	-1.7334	0.0946371	1.23134	1.23134	0.926285	1.01054	1.01054	5.16693	1.05006	0.180647	1
cg11157691	0.564942	0.835662	-1.19666	0.268424	1.42718	1.42718	0.089032	1.78377	1.78377	0.886546	1.04504	1.04504	4.85495	7.32173	1.34053	1
cg08447739	0.690054	1.44964	1.44964	0.0428796	0.115466	-8.66054	0.0444189	0.117833	-8.48659	0.278985	0.352508	-2.83681	4.8343	65.6993	12.0802	1
cg03974204	0.48701	1.43093	1.43093	0.0538274	3.03684	3.03684	0.0279767	3.73373	3.73373	0.0405716	3.31978	3.31978	3.58843	14.6315	3.62436	1
cg23791011	0.903353	1.03465	1.03465	0.847402	1.05551	1.05551	0.185003	1.48315	1.48315	0.424434	0.795541	-1.25701	3.40107	4.23506	1.10686	1
cg19234858	0.0829407	1.27189	1.27189	0.0043656	0.620653	-1.61121	0.541348	0.92547	-1.08053	0.236712	1.16801	1.16801	9.38838	2.33329	0.220915	1
cg06179009	0.206795	0.900061	-1.11104	0.00414875	0.737933	-1.35514	0.00494704	1.34223	1.34223	0.0899336	1.1593	1.1593	5.85024	0.57946	0.0880435	1
cg10088527	0.796596	0.95501	-1.04711	0.607923	0.911903	-1.09661	0.41426	1.16037	1.16037	0.0039553	0.501195	-1.99523	3.71487	1.86866	0.447129	1
cg21485166	0.0846041	0.667766	-1.49753	0.236976	0.769281	-1.29992	0.00839367	0.490256	-2.03975	0.465108	0.854377	-1.17044	3.47844	2.46909	0.630956	1
cg02154074	0.045536	0.815046	-1.22693	0.0709285	0.835318	-1.19715	0.181588	0.881199	-1.13482	0.783536	0.97574	-1.02486	8.45597	1.06521	0.111974	1
cg22039458	0.380059	0.896718	-1.11518	0.906075	0.985811	-1.01439	0.408038	1.10789	1.10789	0.0316101	1.35678	1.35678	4.45487	1.03415	0.206346	1
cg19339902	0.000296202	0.288942	-3.4609	0.0258298	0.57257	-1.74651	0.575915	0.88774	-1.12646	0.0138938	0.527078	-1.89725	11.9584	8.40878	0.625038	1
cg27208536	0.000159656	2.28308	2.28308	0.00225872	1.72769	1.72769	0.47995	1.09623	1.09623	0.309711	0.874155	-1.14396	11.0045	2.85308	0.230459	1
cg08791953	0.0883128	1.6095	1.6095	0.0255143	1.95755	1.95755	0.0359352	1.85443	1.85443	0.606093	0.876656	-1.1407	10.8769	11.0333	0.901667	1
cg03216867	0.00191218	0.51631	-1.93682	0.914601	0.983996	-1.01626	0.425236	0.884737	-1.13028	0.00219674	0.524253	-1.90747	9.55684	3.42367	0.318439	1
cg00923860	0.00477041	0.401817	-2.4887	0.014432	0.480144	-2.08271	0.781761	1.06991	1.06991	0.0126436	0.47031	-2.12626	8.41197	7.88932	0.833661	1
cg18450270	0.127589	0.633023	-1.57972	0.000174872	0.170814	-5.85434	0.0222818	2.13877	2.13877	0.340798	1.31317	1.31317	7.97298	9.7265	1.08438	1
cg18773997	0.010341	2.28927	2.28927	0.0052917	2.56642	2.56642	0.795262	1.06895	1.06895	0.240188	0.729567	-1.37068	7.20064	7.49702	0.925476	1
cg15347662	0.479954	0.925472	-1.08053	0.000607562	1.76813	1.76813	0.991415	1.00116	1.00116	0.240779	1.14163	1.14163	7.03448	1.29614	0.163783	1
cg18421538	0.232549	1.43984	1.43984	0.00644718	0.356456	-2.8054	0.831221	1.06412	1.06412	0.00286351	0.302783	-3.3027	6.19739	8.32212	1.19364	1
cg24105933	0.545475	1.09419	1.09419	0.000498461	2.22857	2.22857	0.465559	0.896504	-1.11544	0.456351	0.894399	-1.11807	5.04534	1.7294	0.304687	1
cg04967039	0.217947	0.614646	-1.62695	0.0219811	0.356326	-2.80642	0.0464438	0.424616	-2.35507	0.012801	0.313117	-3.1937	4.91818	10.9856	1.98548	1
cg11202160	0.697072	1.10906	1.10906	0.0123109	0.438301	-2.28154	0.653897	0.887434	-1.12684	0.513192	0.83906	-1.19181	4.35951	4.8346	0.98576	1
cg26022526	0.427094	0.553617	-1.8063	0.0644816	0.21991	-4.54732	0.371674	0.512302	-1.95198	0.374295	0.514278	-1.94447	3.66657	30.8773	7.48561	1
cg25730237	0.80904	0.95653	-1.04545	0.7634	0.94609	-1.05698	0.504871	1.13226	1.13226	0.0880249	0.707809	-1.41281	3.46776	1.85065	0.474375	1
cg15046062	0.025455	4.79023	4.79023	0.00326484	10.6513	10.6513	0.0264552	4.72247	4.72247	0.147431	2.50177	2.50177	4.41227	24.319	4.89927	1
cg04904469	0.102563	2.0672	2.0672	0.0215113	0.325446	-3.0727	0.758805	0.88232	-1.13338	0.0104206	0.26951	-3.71043	3.97492	10.4037	2.32652	1
cg18990313	0.0620409	6.32052	6.32052	0.00915928	18.2558	18.2558	0.0438323	7.63835	7.63835	0.0932011	5.05626	5.05626	3.54679	43.2615	10.8421	1
cg16473915	0.0218561	2.82451	2.82451	0.00276799	4.74732	4.74732	0.0175637	2.97584	2.97584	0.116926	1.90177	1.90177	5.07301	11.443	2.00503	1
cg12535715	0.138334	2.02968	2.02968	0.00508849	5.16901	5.16901	0.0551446	2.62375	2.62375	0.0961157	2.24946	2.24946	4.02313	12.5412	2.77091	1
cg18319433	0.00134485	0.270995	-3.69011	0.000110992	0.148728	-6.72369	0.394897	1.27664	1.27664	0.0402317	0.51464	-1.94311	10.9149	13.5802	1.10595	1
cg16524332	0.626343	1.04812	1.04812	3.81E-05	0.469141	-2.13155	0.665564	0.959201	-1.04253	0.198739	0.878025	-1.13892	10.3342	1.50158	0.129158	1
cg08288806	0.0994671	1.14939	1.14939	0.00648768	0.761224	-1.31367	0.00114915	1.44549	1.44549	0.0458273	1.19304	1.19304	8.6108	0.810776	0.083696	1
cg11858516	0.0385467	0.602684	-1.65925	0.026548	0.573785	-1.74281	0.541025	0.877445	-1.13967	0.589676	0.891336	-1.12191	8.58596	6.07012	0.628429	1
cg21625301	0.000269536	2.11482	2.11482	0.00941486	0.661939	-1.51071	0.223747	1.17376	1.17376	0.294772	1.14591	1.14591	7.88644	1.96237	0.22118	1
cg11324953	0.162153	0.662692	-1.509	0.00164383	0.288647	-3.46443	0.000979091	0.258841	-3.86338	0.463009	0.813884	-1.22868	7.81719	9.40875	1.06986	1
cg15909473	0.312098	1.14946	1.14946	0.0495545	1.3478	1.3478	0.953741	0.992302	-1.00776	0.756307	1.04234	1.04234	6.88048	1.93368	0.249812	1
cg21121843	0.0362646	0.364888	-2.74057	0.00618966	0.228019	-4.3856	0.0706074	0.433147	-2.30868	0.00819523	0.246387	-4.05865	4.87393	13.2367	2.41406	1
cg07624479	0.863316	0.979734	-1.02069	0.0112461	0.685676	-1.45842	0.0341651	1.34138	1.34138	0.104998	1.23429	1.23429	4.80761	1.07505	0.198767	1
cg06383113	0.834322	0.947622	-1.05527	0.570605	1.15862	1.15862	0.605881	0.874861	-1.14304	0.121213	0.649465	-1.53973	4.63775	4.84625	0.928851	1
ch.4.132387F	0.871103	1.06287	1.06287	0.109292	0.519091	-1.92645	0.837348	0.925717	-1.08024	0.887873	1.0544	1.0544	4.61321	10.3019	1.985	1
cg14416248	0.314203	1.30133	1.30133	0.18367	1.42896	1.42896	0.527458	1.17588	1.17588	0.019685	0.490193	-2.04001	4.33667	4.39826	0.901513	1
cg13877631	0.149629	0.541812	-1.84566	0.00617023	0.242429	-4.12491	0.135685	0.5284	-1.89251	0.119997	0.51216	-1.95252	4.17168	10.3974	2.21544	1
cg17988021	0.297816	0.786593	-1.27131	0.371397	0.815357	-1.22646	0.24265	1.31253	1.31253	0.99921	1.00022	1.00022	3.78241	2.96335	0.696405	1
cg05736642	0.592557	0.825447	-1.21146	0.013272	0.336289	-2.97363	0.640213	0.846053	-1.18196	0.578199	0.819168	-1.22075	3.63227	7.255	1.77544	1
cg19280196	0.00671516	0.44043	-2.27051	0.732761	1.08323	1.08323	0.709168	0.916315	-1.09133	0.917153	1.02457	1.02457	3.46638	2.98725	0.766024	1
cg11201869	0.0373481	0.343739	-2.90919	0.0963202	2.24115	2.24115	0.00108855	0.118798	-8.41768	0.00128341	0.125625	-7.96023	9.43828	29.1963	2.74968	1
cg21204600	0.0260854	0.352866	-2.83394	0.0278584	0.358643	-2.78829	0.00500332	0.230992	-4.32915	0.000556797	0.120884	-8.27242	7.63587	18.8246	2.19137	1
cg14374829	0.660244	1.10771	1.10771	0.000571322	0.291262	-3.43333	0.0346852	0.565864	-1.76721	0.510895	1.16673	1.16673	5.80206	4.91388	0.752818	1
cg26140688	0.165275	0.826271	-1.21026	0.13661	0.813205	-1.2297	0.59243	0.932699	-1.07216	0.657012	0.944006	-1.05932	5.32798	1.40286	0.234045	1
cg16631083	0.0660617	2.15003	2.15003	0.571885	1.23623	1.23623	0.325101	1.45824	1.45824	0.403652	0.728144	-1.37336	4.13506	9.02603	1.94027	1
cg10348138	0.0281775	1.55665	1.55665	0.13761	0.761092	-1.3139	0.00670905	0.548649	-1.82266	0.926823	1.01581	1.01581	4.00832	1.85058	0.410386	1
cg14171882	0.0177847	0.600589	-1.66503	3.67E-05	0.245232	-4.07778	0.063709	0.691564	-1.446	0.016091	1.68389	1.68389	18.9576	9.39833	0.440672	1
cg23633700	0.00424633	0.472847	-2.11485	7.12E-06	0.143409	-6.97307	0.0691174	0.671628	-1.48892	0.000850761	0.374869	-2.6676	17.1677	10.4155	0.539279	1
cg18845277	0.00164899	0.256038	-3.90567	0.000103266	0.125244	-7.98441	0.000760171	0.213696	-4.67954	0.0039748	0.310006	-3.22575	15.2304	22.0619	1.2876	1
cg10042478	0.0128141	1.47593	1.47593	0.000195559	2.2009	2.2009	0.129744	1.2289	1.2289	0.150783	0.823729	-1.21399	14.1951	3.56523	0.223252	1
cg22641632	0.00907543	0.393239	-2.54298	0.00708052	0.375473	-2.66331	0.7673	1.08712	1.08712	0.00167216	0.282186	-3.54376	11.1917	14.0449	1.1155	1
cg13794565	0.554905	0.792054	-1.26254	0.07346	0.458837	-2.17942	0.450566	0.740753	-1.34998	0.116984	1.944	1.944	6.76129	16.317	2.14516	1
cg12034229	0.357609	1.17518	1.17518	0.00256593	0.489939	-2.04107	0.049094	0.681611	-1.46711	0.437139	0.873499	-1.14482	5.53543	2.55231	0.409855	1
cg27019250	0.0398307	0.599707	-1.66748	0.424388	0.838999	-1.1919	0.898669	0.972959	-1.02779	0.000835824	2.94975	2.94975	5.47936	4.01795	0.651811	1
cg25319337	0.556417	1.36384	1.36384	0.265496	0.545924	-1.83176	0.808916	1.13471	1.13471	0.0911069	0.378804	-2.63989	4.31485	18.594	3.83049	1
cg11857288	0.33807	0.860958	-1.1615	0.0513694	1.39973	1.39973	0.131565	0.781317	-1.27989	0.0513144	0.71435	-1.39987	4.28192	1.55849	0.323529	1
cg25808082	0.761943	0.966192	-1.03499	2.15E-05	2.63155	2.63155	0.153415	1.18891	1.18891	0.797032	0.971247	-1.0296	11.8208	2.39892	0.180392	1
cg00882770	0.513274	0.897649	-1.11402	0.000409967	2.49404	2.49404	0.0618696	1.4084	1.4084	0.951592	0.990161	-1.00994	7.13014	2.9952	0.3734	1
cg05920998	0.483824	0.880123	-1.13621	0.0146433	1.71495	1.71495	0.991186	1.00198	1.00198	0.702298	0.933403	-1.07135	4.46631	2.27808	0.453385	1
cg20592360	0.0107965	1.53609	1.53609	0.00135094	1.86631	1.86631	0.887529	1.01915	1.01915	0.407797	1.12019	1.12019	4.34714	1.23707	0.252952	1
cg02203922	0.993171	0.998091	-1.00191	0.000961527	2.99792	2.99792	0.491354	1.16891	1.16891	0.938304	0.982863	-1.01744	3.52783	2.7859	0.701948	1
cg18450499	0.00400827	0.447838	-2.23295	0.00086607	0.353962	-2.82516	0.000824531	2.8481	2.8481	0.150339	0.725926	-1.37755	12.4312	8.49762	0.60762	1
ch.X.881064F	?	?	?	0.0365631	0.426643	-2.34388	0.132477	0.565987	-1.76682	0.239934	1.53944	1.53944	12.8628	19.4774	1.73057	1
cg01104810	0.134901	1.34971	1.34971	0.0957422	1.40558	1.40558	0.893049	1.02534	1.02534	0.73646	1.06486	1.06486	10.4721	5.74179	0.487372	1
cg04058675	0.489355	0.869109	-1.1506	0.000124043	0.262722	-3.80631	0.138018	1.37578	1.37578	0.149971	0.734698	-1.3611	10.1956	6.44325	0.561744	1
cg20878864	0.200573	0.660594	-1.51379	0.319579	1.37087	1.37087	0.679048	1.1361	1.1361	0.424126	1.28447	1.28447	8.67669	12.925	1.32411	1
cg24655865	0.0031698	0.188801	-5.29659	0.00220734	0.169602	-5.89616	0.499945	1.32735	1.32735	0.0228505	0.32424	-3.08413	5.59421	15.1534	2.4078	1
cg04031645	0.00146973	0.0271676	-36.8085	0.322958	2.22954	2.22954	0.932855	0.935963	-1.06842	0.37801	2.03473	2.03473	5.4489	53.2271	8.68304	1
cg27313362	0.976841	0.993759	-1.00628	0.44822	0.846471	-1.18138	0.0134389	1.93489	1.93489	0.177819	0.734323	-1.3618	8.35429	6.15346	0.654723	1
cg21030907	0.3535	1.39969	1.39969	0.105903	0.536833	-1.86278	0.905496	1.04272	1.04272	0.851333	0.936051	-1.06832	7.11989	13.9899	1.74658	1
cg25284031	0.837165	0.975743	-1.02486	0.00076432	1.83743	1.83743	0.012262	1.45102	1.45102	0.0102587	0.679718	-1.4712	16.9383	3.81972	0.200451	1
cg00490543	0.0605245	0.785384	-1.27326	0.00293587	1.59413	1.59413	0.796241	0.970895	-1.02998	0.0321149	1.33182	1.33182	12.4934	2.57816	0.183433	1
cg06980169	0.344372	0.853374	-1.17182	0.400754	0.869342	-1.1503	0.0593604	0.707158	-1.41411	0.000105637	3.04859	3.04859	9.94656	4.17486	0.373093	1
cg19109120	0.65519	0.874584	-1.1434	0.551189	0.835347	-1.19711	0.0148566	2.51581	2.51581	0.0170393	2.44572	2.44572	6.43178	8.84632	1.06976	1
cg21675254	0.030558	2.18848	2.18848	0.000774998	4.79644	4.79644	0.686171	1.13336	1.13336	0.682512	1.13513	1.13513	5.30417	7.97921	1.33718	1
cg08121760	0.0837322	0.587493	-1.70215	0.0298848	2.03418	2.03418	0.130784	1.57372	1.57372	0.456891	1.23437	1.23437	5.12947	6.27406	1.08724	1
cg08975323	0.942205	1.01183	1.01183	0.0412441	0.682562	-1.46507	0.407216	1.14741	1.14741	0.00168674	2.07082	2.07082	3.81125	1.5879	0.370344	1
cg10354474	0.00389048	1.60678	1.60678	0.000508359	1.93965	1.93965	0.101902	0.80379	-1.24411	0.790598	0.968056	-1.033	5.89595	1.38963	0.209504	1
cg22670630	0.446537	0.861207	-1.16116	0.335771	1.21064	1.21064	0.216877	0.778623	-1.28432	0.0187223	0.577706	-1.73098	5.24774	3.08245	0.522121	1
cg06360465	0.0121141	2.88558	2.88558	0.000503789	6.31342	6.31342	0.010584	2.97249	2.97249	0.0584975	2.06324	2.06324	7.59369	13.8075	1.61626	1
cg22280173	1.60E-07	0.0617234	-16.2013	0.01076	0.577978	-1.73017	0.000408359	0.382661	-2.61328	0.426393	1.14906	1.14906	39.725	18.4147	0.412048	1
cg09412061	0.0188663	0.49122	-2.03575	0.000659571	0.271476	-3.68357	0.675415	0.900099	-1.11099	0.0113457	0.452814	-2.20841	10.8797	10.7632	0.879369	1
cg25630588	0.967471	1.00512	1.00512	0.00760632	1.53741	1.53741	0.0985722	1.25481	1.25481	0.89039	1.01743	1.01743	6.30886	1.56895	0.221059	1
cg06721473	0.0350634	1.47589	1.47589	0.00313029	1.89726	1.89726	0.587385	0.916812	-1.09074	0.0233262	0.650731	-1.53673	4.61886	1.83829	0.353774	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26794477	HYAL2;HYAL2	0.0221769	0.759324	0.899492	-1.11174	0.303939	1.44341	1.44341	0.213465	1.57079	1.57079	0.647163	1.17217	1.17217	0.00675992	0.298136	-3.35417
cg03721058	HYAL2;HYAL2	0.0300991	0.00658853	0.356472	-2.80527	0.209392	1.47229	1.47229	0.624853	1.15498	1.15498	0.0726239	1.79606	1.79606	0.0163037	0.423716	-2.36007
cg05118960	HYAL2;HYAL2	0.03588	0.459291	0.693373	-1.44222	0.033799	3.33508	3.33508	0.0535195	2.90284	2.90284	0.00660992	5.54862	5.54862	0.123516	0.444518	-2.24963
cg12976582	HYAL2;HYAL2	0.0405741	0.157041	0.570046	-1.75425	0.554912	1.2483	1.2483	0.77045	1.11478	1.11478	0.141496	1.79884	1.79884	0.00463375	0.246884	-4.05049
cg04415662	HYAL3	0.000625092	0.000189226	0.190263	-5.2559	0.00183591	0.311428	-3.21102	0.00090937	0.270443	-3.69764	0.0049218	0.374535	-2.66998	0.000257936	0.204847	-4.88169
cg01038207	HYAL3;IFRD2	0.0247823	0.998214	0.999552	-1.00045	0.0679458	0.663995	-1.50604	0.0236923	1.71757	1.71757	0.0658507	1.51193	1.51193	0.910544	0.977741	-1.02277
cg03152037	HYAL3;NAT6	2.42E-05	0.0255312	0.729159	-1.37144	0.357645	0.893509	-1.11918	0.994574	0.999191	-1.00081	0.190239	0.847793	-1.17953	3.62E-07	0.174761	-5.7221
cg13682223	HYAL3;NAT6	0.00117958	0.956575	0.992574	-1.00748	0.0541214	1.3488	1.3488	0.00231792	1.79036	1.79036	0.66891	1.06066	1.06066	0.0930371	0.776517	-1.2878
cg22706947	HYAL3;NAT6	0.00457856	0.827209	0.933046	-1.07176	0.162396	1.61208	1.61208	0.359491	1.34969	1.34969	0.676322	0.875304	-1.14246	0.00214763	0.235812	-4.24066
cg14358502	HYAL3;NAT6	0.0221587	0.246451	0.760134	-1.31556	0.786947	0.94054	-1.06322	0.471204	1.1804	1.1804	0.00503597	0.431952	-2.31507	0.0222174	0.537813	-1.85938
cg26008267	HYAL3;NAT6;HYAL3	0.0054772	0.0517409	0.486616	-2.05501	0.176775	1.58738	1.58738	0.00272039	0.248674	-4.02132	0.00257156	0.245087	-4.08018	0.609393	0.848317	-1.1788
cg08379496	HYAL3;NAT6;HYAL3	0.0122099	0.928085	0.968128	-1.03292	0.197215	1.63776	1.63776	0.00243562	0.202217	-4.94518	0.0160973	0.33573	-2.97859	?	?	?
cg08158805	HYAL4	0.0215698	0.144785	0.673012	-1.48586	0.427347	1.22741	1.22741	0.1958	0.707587	-1.41325	0.00470614	0.386861	-2.58491	0.00178085	0.324781	-3.079
cg03085932	HYAL4	0.0237005	0.00563853	0.232998	-4.29188	0.0504971	0.409118	-2.44428	0.0691901	0.442534	-2.25971	0.0312825	0.363077	-2.75424	0.0027938	0.191612	-5.21888
cg00422716	HYAL4	0.0277898	0.722855	1.04824	1.04824	0.106494	0.791994	-1.26264	0.0157591	0.676072	-1.47913	0.785823	1.0367	1.0367	0.0259124	1.41889	1.41889
cg12918130	HYAL4	0.0373669	0.672865	0.882012	-1.13377	0.81694	1.07095	1.07095	0.0223613	0.445239	-2.24599	0.599707	1.16948	1.16948	0.0133477	0.404081	-2.47475
cg20517742	HYALP1	0.00382569	0.309064	0.870701	-1.1485	0.126475	0.804586	-1.24287	9.07E-05	0.398392	-2.51009	0.0333096	0.720962	-1.38704	0.352144	1.13421	1.13421
cg09630417	HYALP1	0.00895473	0.958705	0.980662	-1.01972	0.0667365	0.4606	-2.17108	0.026796	0.371816	-2.6895	0.152099	0.560685	-1.78353	0.0491698	0.428775	-2.33223
cg01506522	HYDIN	0.00161772	0.219679	0.732365	-1.36544	0.000401989	0.2571	-3.88953	0.0398405	0.563584	-1.77436	0.305191	0.773956	-1.29206	0.00372147	0.388432	-2.57445
cg07846230	HYDIN	0.00774698	0.429291	0.862008	-1.16008	0.692471	0.929455	-1.0759	0.0153442	0.578317	-1.72916	0.511204	1.13047	1.13047	0.232195	0.79407	-1.25934
cg05164282	HYDIN	0.0101964	0.931292	0.990372	-1.00972	0.247282	1.14536	1.14536	0.0036672	0.643554	-1.55387	0.0739626	0.799774	-1.25035	0.137655	1.19645	1.19645
cg09777540	HYDIN	0.0115059	0.461703	1.2172	1.2172	0.00546024	0.3834	-2.60824	0.00746463	0.405105	-2.4685	0.647119	0.886121	-1.12851	0.0012701	0.291312	-3.43274
cg07547859	HYDIN	0.0118506	0.191935	0.630425	-1.58623	0.398884	0.749409	-1.33438	0.006581	0.3077	-3.24992	0.166213	0.610734	-1.63737	0.169711	0.613527	-1.62992
cg10120698	HYDIN	0.0147515	0.023015	0.466156	-2.14521	0.369384	0.771986	-1.29536	0.0935014	0.595805	-1.6784	0.341305	0.759371	-1.31688	0.000344289	0.198439	-5.03933
cg01391280	HYDIN	0.0292659	0.214692	0.75704	-1.32093	0.288271	0.790631	-1.26481	0.000453126	0.307968	-3.24709	0.328427	0.806581	-1.2398	0.880438	1.03259	1.03259
cg27261665	HYDIN;HYDIN	0.000397129	0.00218084	0.417969	-2.39252	0.00833522	0.504509	-1.98212	0.108667	0.701135	-1.42626	0.225492	0.772369	-1.29472	0.00031032	0.305034	-3.27832
cg10279294	HYDIN;HYDIN	0.00526036	0.0733774	0.844224	-1.18452	0.270748	0.907322	-1.10214	0.000930513	0.657562	-1.52077	0.015265	1.28746	1.28746	0.876977	1.01323	1.01323
cg09794131	HYDIN;HYDIN	0.00591566	0.175096	0.698263	-1.43212	0.423701	1.22568	1.22568	0.0148199	2.10988	2.10988	0.000272532	0.226342	-4.41809	0.307736	0.768783	-1.30076
cg07192594	HYDIN;HYDIN	0.0103174	0.228155	0.757209	-1.32064	0.000637096	0.315609	-3.16848	0.0166497	0.525809	-1.90183	0.0762104	0.648065	-1.54305	0.376877	0.819245	-1.22064
cg02293437	HYDIN;HYDIN	0.0176997	?	?	?	0.62482	0.798083	-1.253	0.163246	1.97582	1.97582	?	?	?	0.00399465	0.170238	-5.87414
cg03482717	HYDIN;HYDIN	0.0197387	0.0908279	0.54089	-1.8488	0.13803	0.590481	-1.69353	0.0127868	0.360516	-2.7738	0.513191	0.80352	-1.24452	0.00129585	0.2131	-4.69264
cg16606974	HYDIN;HYDIN	0.0219068	0.0792864	0.698699	-1.43123	0.339056	1.19885	1.19885	0.544558	1.11949	1.11949	0.206908	0.782724	-1.27759	0.24589	0.79983	-1.25027
cg02740861	HYDIN;HYDIN	0.0286195	0.350986	1.33338	1.33338	0.598655	1.17257	1.17257	0.0731555	1.82025	1.82025	0.8999	0.962983	-1.03844	0.912827	1.03337	1.03337
cg00618596	HYDIN;HYDIN	0.0354901	0.0608392	0.444324	-2.25061	0.00465144	0.235759	-4.24163	0.0087721	0.277648	-3.60169	0.812366	0.912757	-1.09558	0.0212284	0.345336	-2.89573
cg10510557	HYDIN;HYDIN	0.0457007	0.28561	0.694813	-1.43924	0.0780142	1.90202	1.90202	0.289207	0.69684	-1.43505	0.291382	1.43254	1.43254	0.327283	0.717477	-1.39377
cg08597761	HYDIN;HYDIN;HYDIN;HYDIN	0.00157338	0.000992587	1.73333	1.73333	0.201023	1.16397	1.16397	0.0135924	1.40961	1.40961	0.00265068	0.626544	-1.59606	0.268374	1.1384	1.1384
cg09514055	HYI	8.53E-05	0.000846287	0.588157	-1.70023	0.129686	1.18908	1.18908	0.00437097	1.49587	1.49587	0.191509	1.15752	1.15752	0.0362141	1.29387	1.29387
cg04314218	HYI	0.0165976	0.00305721	0.532677	-1.87731	0.0167675	0.635567	-1.5734	0.750492	0.951673	-1.05078	0.327832	0.854856	-1.16979	0.0706587	0.730784	-1.36839
cg04391356	HYI	0.0245349	0.0335665	3.04184	3.04184	0.213466	1.7986	1.7986	0.426015	1.43939	1.43939	0.162124	1.95193	1.95193	0.00623295	0.202394	-4.94085
cg07383250	HYI;HYI	0.0118961	0.0861253	1.50511	1.50511	0.00949258	2.03104	2.03104	0.379591	1.21452	1.21452	0.130173	1.42255	1.42255	0.00390925	0.432808	-2.31049
cg08238677	HYLS1	0.00211987	0.278728	0.845936	-1.18212	0.1184	0.777367	-1.28639	0.216584	0.824349	-1.21308	0.5296	1.09922	1.09922	2.36E-05	0.285315	-3.5049
cg06549802	HYLS1;HYLS1	0.000955213	0.1806	1.18693	1.18693	0.00103807	0.556839	-1.79585	0.00762185	0.66129	-1.5122	0.255555	0.86669	-1.15381	0.0255523	0.726284	-1.37687
cg23714454	HYLS1;HYLS1	0.00470665	?	?	?	0.0197315	0.695005	-1.43884	0.80767	0.968979	-1.03201	0.137228	1.22977	1.22977	0.00771089	1.55629	1.55629
cg21845713	HYLS1;HYLS1	0.0161109	0.958979	0.991654	-1.00842	0.578883	0.912694	-1.09566	0.191799	0.798391	-1.25252	0.123859	1.31199	1.31199	0.221012	1.23323	1.23323
cg08898569	HYLS1;HYLS1	0.0231285	0.00808261	0.220081	-4.54379	0.105978	0.454775	-2.19889	0.17527	0.525563	-1.90272	0.249711	0.58459	-1.7106	0.00482319	0.188492	-5.30527
cg14728503	HYLS1;HYLS1	0.0407086	0.444211	1.10246	1.10246	0.0944755	0.794642	-1.25843	0.0852624	0.788264	-1.26861	0.190793	0.840943	-1.18914	0.007029	1.54616	1.54616
cg17012575	HYLS1;HYLS1;HYLS1	6.25E-05	0.00200629	0.320235	-3.12271	0.549037	1.17157	1.17157	0.0725325	1.68759	1.68759	0.0103596	0.43027	-2.32412	0.000194395	0.194469	-5.1422
cg13181079	HYLS1;HYLS1;HYLS1	0.00373294	0.0257089	0.3577	-2.79564	0.327283	1.48055	1.48055	0.959979	0.980716	-1.01966	0.671045	1.18031	1.18031	0.397369	0.714425	-1.39973
cg13479898	HYLS1;HYLS1;HYLS1	0.0213461	0.266383	1.73152	1.73152	0.707267	0.836236	-1.19583	0.206404	1.881	1.881	0.0178723	3.91442	3.91442	0.787711	1.1365	1.1365
cg06039699	HYLS1;HYLS1;PUS3	0.000226151	0.527873	1.1557	1.1557	3.48E-06	0.0847061	-11.8055	0.806565	0.946007	-1.05707	0.0105429	2.07095	2.07095	0.535356	1.1526	1.1526
cg21754609	HYLS1;HYLS1;PUS3	0.0326778	0.877173	1.04063	1.04063	0.168568	0.685358	-1.45909	0.0480454	0.558803	-1.78954	0.139926	1.50531	1.50531	0.14496	0.66823	-1.49649
cg17865602	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	1.01E-06	3.85E-07	0.18941	-5.27955	4.70E-06	0.301239	-3.31963	1.21E-05	0.347407	-2.87847	3.04E-06	0.280482	-3.56529	3.18E-07	0.181761	-5.50172
cg27216384	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.000139413	0.13227	1.06052	1.06052	0.00127579	1.18526	1.18526	0.0908291	0.934831	-1.06971	0.0232909	1.10305	1.10305	0.0464348	1.08601	1.08601
cg25350411	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.000143498	0.151157	1.12564	1.12564	0.00227018	0.719993	-1.3889	0.000537258	0.660802	-1.51331	0.00422278	1.34275	1.34275	0.0133431	1.26596	1.26596
cg08263357	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.000688108	0.495005	0.918821	-1.08835	0.0321745	0.735956	-1.35878	0.197038	0.846503	-1.18133	0.832272	1.02625	1.02625	2.21E-05	0.353345	-2.8301
cg05326984	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.00125452	0.894507	0.98888	-1.01124	0.0133595	0.772375	-1.29471	0.0318409	0.808944	-1.23618	0.268546	0.907441	-1.102	0.000193393	1.69696	1.69696
cg07077459	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.00146103	0.194995	1.1478	1.1478	0.000860492	0.604585	-1.65403	0.00428813	0.681037	-1.46835	0.316272	1.10981	1.10981	0.698866	1.03986	1.03986
cg09730369	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0258349	0.524716	0.890891	-1.12247	0.0450291	1.51021	1.51021	0.955723	1.01	1.01	0.194992	0.782165	-1.2785	0.635863	0.918064	-1.08925
cg21952820	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0258455	0.457676	0.866365	-1.15425	0.796577	1.05022	1.05022	0.0793407	1.4469	1.4469	0.636585	0.913683	-1.09447	0.0471256	1.53865	1.53865
cg11532302	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0261691	0.651856	0.944145	-1.05916	0.563385	1.07673	1.07673	0.0819277	0.783545	-1.27625	0.258996	1.1607	1.1607	0.162402	1.20773	1.20773
cg22378065	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1 ;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0486949	0.809024	1.03959	1.03959	0.0425856	0.687746	-1.45402	0.142863	0.776861	-1.28723	0.987033	1.00261	1.00261	0.64116	1.07816	1.07816
cg08471073	HYOU1;HYOU1	0.00025912	0.296914	1.2028	1.2028	0.884243	0.975432	-1.02519	2.81E-05	0.244858	-4.08399	3.32E-05	0.252784	-3.95595	0.486255	0.886214	-1.1284
cg01959004	HYOU1;HYOU1	0.00033887	0.00161468	2.28811	2.28811	0.347778	1.18236	1.18236	0.262389	0.816371	-1.22493	0.369288	0.852388	-1.17317	9.10E-05	0.263955	-3.78852
cg20715326	HYOU1;HYOU1	0.0106407	0.904899	1.04589	1.04589	0.906669	0.956928	-1.04501	0.527147	0.786218	-1.27191	0.38273	0.714605	-1.39937	0.00011148	0.0780309	-12.8154
cg23878202	HYOU1;HYOU1	0.0119081	0.985225	1.00259	1.00259	0.911789	1.01563	1.01563	0.00054809	0.471737	-2.11982	0.838073	1.02905	1.02905	0.394318	1.12987	1.12987
cg11962566	HYOU1;HYOU1	0.022157	0.510611	0.851847	-1.17392	0.807191	1.06051	1.06051	0.357531	1.25529	1.25529	0.00831801	2.24907	2.24907	0.0177855	0.500353	-1.99859
cg20067598	HYOU1;HYOU1	0.0325814	0.758696	1.03646	1.03646	0.643977	1.05557	1.05557	0.0218605	1.37676	1.37676	0.130308	1.20913	1.20913	0.427884	0.910221	-1.09863
cg07330718	HYOU1;HYOU1;HYOU1	0.00637851	0.788772	1.09631	1.09631	0.115659	1.80948	1.80948	0.00066279	6.79483	6.79483	0.31209	0.697809	-1.43306	0.217646	1.56428	1.56428
cg27494615	IAH1	3.44E-05	0.908358	0.973012	-1.02774	0.0693368	0.617089	-1.62051	0.871287	1.03928	1.03928	0.882759	1.03568	1.03568	0.0175716	0.503338	-1.98674
cg12285409	IAH1	0.000177362	0.543682	0.897372	-1.11436	0.0896854	0.719213	-1.39041	0.75806	0.947023	-1.05594	0.813464	0.959212	-1.04252	0.233349	0.802409	-1.24625
cg14644898	IAH1	0.000678948	0.305785	0.912931	-1.09537	0.373472	0.924515	-1.08165	0.0253995	1.2564	1.2564	0.0109611	1.31555	1.31555	0.0164312	1.28645	1.28645
cg20556744	IAH1	0.000911819	0.504472	1.2027	1.2027	0.0265315	0.48843	-2.04738	0.193811	0.687538	-1.45447	0.778342	1.07993	1.07993	0.390104	1.27122	1.27122
cg01417553	IAH1	0.00261218	0.0469984	2.07882	2.07882	0.945895	0.978392	-1.02209	0.289939	1.4241	1.4241	0.948598	0.979462	-1.02097	0.960945	1.01589	1.01589
cg17568255	IAH1	0.00618284	0.200635	2.40867	2.40867	0.412334	0.579782	-1.72479	0.547074	0.672813	-1.4863	0.835005	1.14527	1.14527	0.553757	0.677365	-1.47631
cg05986044	IAH1	0.0143245	0.914991	1.15191	1.15191	0.0668755	0.0658221	-15.1925	0.0805121	0.0767332	-13.0322	?	?	?	0.772891	0.681646	-1.46704
cg04210100	IAH1	0.024927	0.0494729	4.60639	4.60639	0.760926	0.812254	-1.23114	0.435579	0.581567	-1.71949	0.0907313	3.56029	3.56029	0.911952	1.07828	1.07828
cg12127290	IAPP;SLCO1A2	0.0111993	0.0270856	0.656664	-1.52285	0.044352	1.44949	1.44949	0.0293395	0.66196	-1.51066	0.00192317	0.493718	-2.02545	0.757719	1.05099	1.05099
cg24941513	IARS2	0.0364786	0.531284	1.13431	1.13431	0.115562	1.40489	1.40489	0.14673	1.36277	1.36277	0.658483	0.915396	-1.09242	0.316318	1.2286	1.2286
cg13530946	IARS2	0.0366656	0.138414	0.366207	-2.73069	0.232862	2.19851	2.19851	0.587571	0.70833	-1.41177	0.704568	1.2711	1.2711	0.00742927	0.114033	-8.7694
cg12763811	IARS2;IARS2	0.00129425	0.192055	0.905455	-1.10442	0.0814387	0.87031	-1.14902	0.120339	0.885873	-1.12883	0.00320373	0.74873	-1.33559	0.183101	0.903393	-1.10694
cg23617067	IARS2;MIR194-1;MIR215	0.000168405	0.291819	0.850974	-1.17512	0.123327	0.781703	-1.27926	0.010738	0.623146	-1.60476	0.734158	1.05158	1.05158	2.38E-06	0.184083	-5.43232
cg24658737	IARS2;MIR194-1;MIR215	0.00837432	0.0128514	0.53805	-1.85856	0.453245	0.857887	-1.16565	0.160202	0.740068	-1.35123	0.324737	1.22632	1.22632	0.00200004	0.416793	-2.39927
cg00873521	IARS;IARS;SNORA84	0.000188588	0.194551	0.926717	-1.07908	0.0721746	1.11773	1.11773	0.000339675	1.37735	1.37735	0.32541	1.05793	1.05793	0.75021	1.01787	1.01787
cg04263936	IARS;IARS;SNORA84	0.00835589	0.0026538	0.721285	-1.38641	0.186365	1.11638	1.11638	0.918205	1.00811	1.00811	0.87877	0.988076	-1.01207	0.17117	0.891806	-1.12132
cg14033686	IARS;IARS;SNORA84	0.0415275	0.0622882	0.735774	-1.35911	0.855219	0.973648	-1.02707	0.778365	1.04212	1.04212	0.0201233	0.663715	-1.50667	0.631337	0.931752	-1.07325
cg07027685	IARS;IARS;SNORA84;IARS	0.00326611	0.986418	1.003	1.003	0.42448	0.866362	-1.15425	0.0433655	1.50476	1.50476	0.31011	0.83134	-1.20288	0.975255	0.99456	-1.00547
cg07368727	IBSP	2.25E-05	0.882069	1.02529	1.02529	0.0177252	0.615626	-1.62436	0.000158029	0.337232	-2.96532	0.214982	0.802863	-1.24554	3.74E-05	0.263783	-3.79099
cg08422456	IBSP	6.96E-05	0.00458547	0.456527	-2.19045	1.71E-06	0.0829901	-12.0496	0.00586211	0.47267	-2.11564	0.749352	1.06887	1.06887	0.00189856	0.40079	-2.49507
cg16568467	IBSP	0.0154398	0.864992	0.911479	-1.09712	0.00473766	0.1296	-7.71603	0.0246978	0.233001	-4.29183	0.0292141	0.246734	-4.05295	0.176719	0.457415	-2.1862
cg16909685	IBSP	0.0374291	0.0240809	0.204624	-4.88701	0.0826944	0.321966	-3.10591	0.156967	0.409559	-2.44165	0.189444	0.440555	-2.26986	0.00244824	0.083254	-12.0114
cg15682575	IBSP	0.0451498	0.257806	0.549291	-1.82053	0.0267926	0.264193	-3.78511	0.0423761	0.305402	-3.27437	0.0822789	0.376572	-2.65553	0.11294	0.41671	-2.39975
cg03303300	IBTK	0.000462808	2.84E-05	0.14818	-6.74856	0.87409	1.03748	1.03748	0.001628	0.350868	-2.85007	0.00537511	0.427271	-2.34044	0.000330707	0.260636	-3.83676
cg17076789	IBTK	0.0230395	0.0863606	0.712064	-1.40437	0.0032013	2.05704	2.05704	0.622957	1.09289	1.09289	0.178677	0.774069	-1.29188	0.38872	1.17156	1.17156
cg14154456	IBTK	0.0330779	0.147349	0.278974	-3.58456	0.597896	1.5481	1.5481	0.237112	2.7649	2.7649	0.341353	0.447066	-2.23681	0.00832535	0.0627166	-15.9448
cg11204983	IBTK;IBTK	0.0333744	0.495435	1.11605	1.11605	0.0372049	1.46765	1.46765	0.34473	1.16693	1.16693	0.585428	0.916335	-1.0913	0.640123	0.928029	-1.07755
cg11837701	ICA1;ICA1;ICA1	0.000229859	0.00072316	0.208456	-4.79717	9.38E-05	0.119614	-8.36021	0.0885252	0.563875	-1.77344	0.129186	1.64856	1.64856	0.00332162	0.295526	-3.3838
cg07190543	ICA1;ICA1;ICA1	0.00103354	0.0959968	0.687932	-1.45363	0.00281042	2.32169	2.32169	0.490666	0.866533	-1.15402	0.203574	1.316	1.316	8.83E-05	0.237545	-4.20972
cg25766425	ICA1;ICA1;ICA1	0.00617907	0.000175728	0.197884	-5.05348	0.0142341	0.463061	-2.15954	0.54926	0.857027	-1.16682	0.529718	1.17598	1.17598	0.0097002	0.434693	-2.30047
cg14430015	ICA1;ICA1;ICA1	0.00950811	0.648365	0.877231	-1.13995	0.000532006	4.65792	4.65792	0.0194644	2.23847	2.23847	0.481475	1.22645	1.22645	0.904182	1.03495	1.03495
cg20977170	ICA1;ICA1;ICA1	0.0119645	0.00161733	0.203155	-4.92235	0.62012	1.19269	1.19269	0.0262947	2.53276	2.53276	0.341806	1.41258	1.41258	0.0271323	0.397569	-2.51529
cg20371765	ICA1;ICA1;ICA1	0.0131569	0.0186391	0.343977	-2.90717	0.0962619	0.504891	-1.98063	0.00452356	4.11919	4.11919	0.187458	1.68666	1.68666	0.169787	0.578561	-1.72843
cg13394022	ICA1;ICA1;ICA1	0.013397	0.0966563	0.526601	-1.89897	0.00493628	0.270015	-3.7035	0.115295	0.547679	-1.82589	0.844698	1.0714	1.0714	0.113701	0.545977	-1.83158
cg10798171	ICA1;ICA1;ICA1	0.0159167	0.0219994	0.361661	-2.76502	0.559635	0.803807	-1.24408	0.063727	2.16329	2.16329	0.0147696	3.03637	3.03637	0.111184	0.526028	-1.90104
cg00106621	ICA1;ICA1;ICA1	0.0195628	0.0172738	0.343454	-2.9116	0.481214	0.768113	-1.30189	0.777892	0.901042	-1.10983	0.62527	1.19887	1.19887	0.00123375	0.175388	-5.70163
cg16379704	ICA1;ICA1;ICA1	0.0317626	0.0575635	0.394646	-2.53392	0.249868	1.68307	1.68307	0.0192231	3.40845	3.40845	0.131747	2.02257	2.02257	0.163753	0.52551	-1.90291
cg05822926	ICA1;ICA1;ICA1	0.0358862	0.0119424	0.357665	-2.79591	0.861284	1.059	1.059	0.260414	1.46925	1.46925	0.18212	1.5907	1.5907	0.0722579	0.518128	-1.93003
cg15413566	ICA1;ICA1;ICA1	0.0414328	0.129217	0.871862	-1.14697	0.0633737	0.839768	-1.1908	0.0609054	0.838035	-1.19327	0.695305	0.967612	-1.03347	0.0857568	1.17215	1.17215
cg00030291	ICA1;ICA1;ICA1;ICA1	0.015077	0.665248	0.941635	-1.06198	0.0809055	1.30652	1.30652	0.15659	1.23285	1.23285	0.696306	0.947256	-1.05568	0.484805	1.10304	1.10304
cg10258931	ICA1L	5.96E-07	0.000628126	1.23285	1.23285	2.65E-05	0.718373	-1.39203	0.000722423	0.814792	-1.22731	0.263701	0.954664	-1.04749	0.000136477	1.3006	1.3006
cg26688472	ICA1L	0.000237256	0.716475	1.03418	1.03418	5.92E-05	0.504156	-1.98351	0.00113393	0.643209	-1.55471	0.575178	0.949159	-1.05356	0.583531	1.05234	1.05234
cg24512794	ICA1L	0.000669265	0.0150078	0.661026	-1.5128	0.0010541	0.511277	-1.95589	0.000343037	0.450188	-2.22129	0.0321677	0.70651	-1.41541	0.693752	0.94668	-1.05632
cg13521797	ICA1L	0.0022865	0.00061936	0.2257	-4.43066	0.322896	1.33444	1.33444	0.563791	1.17926	1.17926	0.045203	1.91405	1.91405	0.00182444	0.286016	-3.4963
cg11970843	ICA1L;ICA1L	0.00246324	0.550298	1.12758	1.12758	0.324948	0.817127	-1.2238	0.23472	0.78077	-1.28079	0.184039	0.755788	-1.32312	0.766733	0.942606	-1.06089
cg08006957	ICA1L;ICA1L	0.00420917	0.953447	1.00827	1.00827	0.686614	0.94438	-1.0589	0.00087424	2.02242	2.02242	0.858968	1.02541	1.02541	0.0637267	1.3419	1.3419
cg21014120	ICA1L;ICA1L	0.0172905	0.620602	1.12061	1.12061	0.802785	1.05877	1.05877	0.327652	0.794065	-1.25934	0.0829167	0.645211	-1.54988	0.385853	1.22492	1.22492
cg13854399	ICA1L;ICA1L	0.0404138	0.208355	1.37255	1.37255	0.219283	0.7346	-1.36129	0.367877	0.801857	-1.24711	0.186743	1.39674	1.39674	0.369925	0.802653	-1.24587
cg01104198	ICA1L;ICA1L	0.0481318	0.159097	1.16078	1.16078	0.311073	0.901377	-1.10941	0.326162	1.10565	1.10565	0.0972735	1.19756	1.19756	0.79196	1.02654	1.02654
cg18457962	ICA1L;ICA1L;ICA1L	0.00231099	0.100569	0.80975	-1.23495	0.0111557	1.45236	1.45236	0.0016277	1.69836	1.69836	0.0518265	0.771358	-1.29642	0.303617	0.882496	-1.13315
cg05106269	ICAM1	3.25E-05	0.0599521	1.34275	1.34275	0.0227362	1.46028	1.46028	0.441156	0.896663	-1.11525	0.00102041	0.508466	-1.9667	1.84E-05	0.297346	-3.36309
cg08427717	ICAM1	0.000659521	0.117713	1.42208	1.42208	0.0477634	1.59859	1.59859	0.955774	0.988572	-1.01156	0.857857	0.963525	-1.03786	0.021103	1.77681	1.77681
cg23095260	ICAM1	0.000722589	0.00380743	0.526292	-1.90008	0.00546338	0.54822	-1.82408	0.00185768	0.483613	-2.06777	0.000290736	0.378378	-2.64286	0.0316154	0.660662	-1.51363
cg13720472	ICAM1	0.0037769	0.0948917	0.738894	-1.35337	0.562168	1.10144	1.10144	0.331907	0.84786	-1.17944	0.205833	0.802494	-1.24611	0.0354575	0.667843	-1.49736
cg10651168	ICAM1	0.00848345	0.044134	0.387729	-2.57912	0.100209	0.478127	-2.09149	0.576442	0.793577	-1.26012	0.0123654	3.58205	3.58205	0.0272364	0.342794	-2.9172
cg24354612	ICAM1	0.0225219	0.2433	0.485269	-2.06071	0.0318718	0.225492	-4.43474	0.0609308	0.286239	-3.49358	0.522151	0.681008	-1.46841	0.0025868	0.084334	-11.8576
cg02497902	ICAM1	0.0266879	0.00298006	0.182922	-5.4668	0.160717	0.535457	-1.86756	0.0425094	0.377651	-2.64795	0.1214	0.496544	-2.01392	0.0301001	0.345293	-2.89609
cg26549174	ICAM1	0.049541	0.186098	0.449078	-2.22679	0.0182681	5.1344	5.1344	0.22685	2.0639	2.0639	0.0857967	0.338139	-2.95736	0.899842	0.930616	-1.07456
cg22874046	ICAM1;ICAM1	0.00336413	0.000297944	0.311151	-3.21387	0.0140187	0.547936	-1.82503	0.252366	1.26758	1.26758	0.0204151	0.574552	-1.74049	0.0463231	0.635941	-1.57247
cg13748570	ICAM2;ICAM2;C17orf72;ICAM2;ICAM2; ICAM2	0.034496	0.399424	1.40931	1.40931	0.0149044	3.2901	3.2901	0.280857	1.56175	1.56175	0.607954	1.2285	1.2285	0.00240514	0.186068	-5.37437
cg10237362	ICAM2;ICAM2;ICAM2;ICAM2	1.38E-05	4.88E-06	0.156944	-6.37168	0.0140716	0.583969	-1.71242	0.000484156	0.378716	-2.6405	0.0046508	0.512738	-1.95032	2.85E-06	0.136939	-7.30254
cg07259110	ICAM2;ICAM2;ICAM2;ICAM2	0.000457498	0.000611279	0.259286	-3.85675	0.103607	0.634359	-1.57639	0.0155723	0.468375	-2.13504	0.024474	0.50392	-1.98444	0.00084798	0.277332	-3.60578
cg07918509	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.0143402	0.0507395	0.46084	-2.16995	0.042999	0.444646	-2.24898	0.0518784	0.463055	-2.15957	0.0357388	0.427206	-2.34079	0.015868	0.357653	-2.796

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26794477	0.0600046	0.481247	-2.07793	0.0343375	0.427018	-2.34182	0.876032	1.05529	1.05529	0.00590459	0.288941	-3.46091	4.54144	8.54622	1.67274	1
cg03721058	0.151317	0.637923	-1.56759	0.131513	0.621259	-1.60963	0.756631	1.09515	1.09515	0.267772	0.713543	-1.40146	4.08205	5.52632	1.20339	1
cg05118960	0.814234	0.891909	-1.12119	0.336462	0.617768	-1.61873	0.0829552	2.54213	2.54213	0.432648	1.47575	1.47575	3.83248	14.336	3.32503	1
cg12976582	0.602355	0.822657	-1.21557	0.0129427	0.318021	-3.14445	0.933887	1.03129	1.03129	0.183075	0.591772	-1.68984	3.66384	8.00286	1.94159	1
cg04415662	0.000919198	0.271046	-3.68941	0.0132918	0.445432	-2.24501	0.150692	0.666287	-1.50086	0.00281785	0.33802	-2.95841	13.4295	14.7807	0.978329	1
cg01038207	0.145791	0.731403	-1.36724	0.537695	0.882507	-1.13314	0.406965	0.843744	-1.18519	0.00428002	2.14982	2.14982	4.3705	2.77683	0.564763	1
cg03152037	0.325418	1.12847	1.12847	0.00367761	1.59581	1.59581	0.853829	1.02219	1.02219	0.000830962	0.549401	-1.82016	32.222	7.2301	0.199452	1
cg13682223	0.689493	0.946508	-1.05651	6.97E-05	0.370028	-2.7025	0.0219883	0.686535	-1.45659	0.866273	1.02334	1.02334	11.2266	3.33158	0.263784	1
cg22706947	0.88834	0.956448	-1.04554	0.403406	0.761893	-1.31252	0.000302491	0.132597	-7.54163	0.0864661	1.83973	1.83973	8.76805	13.6552	1.2113	1
cg14358502	0.42512	0.831684	-1.20238	0.558367	1.14331	1.14331	0.198863	1.35963	1.35963	0.015228	1.96295	1.96295	4.54272	3.68389	0.720838	1
cg26008267	0.60906	0.848185	-1.17899	0.00368876	0.268636	-3.72251	0.0690254	1.93511	1.93511	0.228852	1.5002	1.5002	8.25722	13.0118	1.22563	1
cg08379496	?	?	?	0.0995553	1.92899	1.92899	?	?	?	0.351178	0.707658	-1.41311	6.69333	8.90646	1.55242	1
cg08158805	0.370862	0.792684	-1.26154	0.623414	1.1333	1.1333	0.411513	1.23654	1.23654	0.560772	0.861812	-1.16035	4.58487	4.64216	0.899997	1
cg03085932	0.114698	0.502645	-1.98948	0.152183	0.540617	-1.84974	0.847728	0.925813	-1.08013	0.0359619	0.375943	-2.65998	4.43864	11.3028	2.26352	1
cg00422716	0.921162	0.986988	-1.01318	0.00702624	1.58582	1.58582	0.956487	1.00725	1.00725	0.381782	0.88809	-1.12601	4.19891	1.16413	0.24644	1
cg12918130	0.0149621	0.412924	-2.42175	0.0852853	1.75493	1.75493	0.610946	1.16378	1.16378	0.638674	1.15007	1.15007	3.77625	5.22718	1.23042	1
cg20517742	0.399992	0.892869	-1.11999	0.07292	1.30095	1.30095	0.36029	0.883646	-1.13167	0.394637	1.1215	1.1215	7.95853	2.1804	0.243529	1
cg09630417	0.0203874	0.348485	-2.86956	0.000567016	0.133447	-7.49359	0.0819907	2.06838	2.06838	0.104957	0.512639	-1.95069	6.12216	13.7903	2.00224	1
cg01506522	0.996359	0.998899	-1.0011	0.00116971	3.15796	3.15796	0.350679	0.793089	-1.26089	0.105096	1.53324	1.53324	10.2538	9.45828	0.81993	1
cg07846230	0.000296994	0.338265	-2.95627	0.270588	1.23504	1.23504	0.957919	1.00976	1.00976	0.0117559	0.560372	-1.78453	6.40856	3.43758	0.476803	1
cg05164282	0.731157	1.03945	1.03945	0.00145311	1.67539	1.67539	0.982168	1.00251	1.00251	0.744035	0.96391	-1.03744	5.87395	1.17091	0.17719	1
cg09777540	0.33821	0.771846	-1.2956	0.229576	0.718425	-1.39193	0.251849	1.3689	1.3689	0.26173	0.735654	-1.35934	5.64992	6.15712	0.968686	1
cg07547859	0.731414	0.891294	-1.12196	0.000769277	0.182477	-5.48015	0.644279	1.168	1.168	0.00513021	0.290885	-3.43778	5.59619	9.88733	1.57049	1
cg10120698	0.0470319	0.528297	-1.89287	0.51408	0.830481	-1.20412	0.922178	0.972942	-1.02781	0.0432153	0.520561	-1.92101	5.20938	6.50175	1.10941	1
cg01391280	0.442542	1.18157	1.18157	0.992718	0.998057	-1.00195	0.984875	1.00405	1.00405	0.554243	0.880311	-1.13596	4.12289	2.96506	0.639263	1
cg27261665	0.000103542	0.248236	-4.02842	0.0001095	0.251005	-3.98399	?	?	?	0.212331	0.766011	-1.30546	15.6049	9.04542	0.579653	1
cg10279294	0.0221986	1.26179	1.26179	0.288881	1.09788	1.09788	0.0592321	1.19799	1.19799	0.105859	0.860864	-1.16162	7.22558	0.823265	0.101278	1
cg09794131	0.938513	1.0194	1.0194	0.03897	0.551458	-1.81338	0.244759	0.738571	-1.35397	0.486847	1.19238	1.19238	6.96954	6.84643	0.873189	1
cg07192594	0.962279	1.01045	1.01045	0.0215368	1.83488	1.83488	0.319568	0.797595	-1.25377	0.5405	0.872636	-1.14595	5.85177	4.48031	0.680563	1
cg02293437	?	?	?	0.839108	1.0975	1.0975	0.00831593	0.213601	-4.68162	0.811042	1.11584	1.11584	5.25518	11.6196	2.9481	1
cg03482717	0.0274745	0.42306	-2.36373	0.0165543	0.380735	-2.6265	0.759521	0.903677	-1.10659	0.0634919	0.502412	-1.9904	4.72562	8.14444	1.53197	1
cg16606974	0.051201	0.664556	-1.50476	0.00813264	0.536048	-1.86551	0.00876597	1.8486	1.8486	0.382503	0.84804	-1.17919	4.56058	2.44655	0.47685	1
cg02740861	0.542868	1.20275	1.20275	0.0998299	1.71693	1.71693	0.000612827	4.86288	4.86288	0.0526295	1.93553	1.93553	4.15558	5.91276	1.26475	1
cg00618596	0.0840121	0.480022	-2.08324	0.0598542	0.442596	-2.2594	0.499154	0.768466	-1.30129	0.419691	0.728693	-1.37232	3.8477	8.98013	2.07457	1
cg10510557	0.2336	1.50683	1.50683	0.25557	0.677273	-1.47651	0.00391829	3.57761	3.57761	0.437116	0.770853	-1.29726	3.50517	5.98399	1.5175	1
cg08597761	0.0351717	0.758903	-1.31769	0.611332	0.944007	-1.05931	0.00243681	0.622298	-1.60695	0.363076	1.11082	1.11082	10.3364	2.06957	0.177975	1
cg09514055	0.0127128	0.720681	-1.38758	5.67E-06	0.338915	-2.95059	0.0208495	1.34205	1.34205	0.057455	1.25521	1.25521	23.1019	4.09445	0.157541	1
cg04314218	0.020154	0.647182	-1.54516	0.0567679	0.715493	-1.39764	0.111847	0.764269	-1.30844	0.0559537	1.39959	1.39959	5.00942	1.91259	0.339376	1
cg04391356	0.0646555	2.53429	2.53429	0.116439	0.465623	-2.14766	0.125351	0.475545	-2.10285	0.959972	0.977762	-1.02274	4.38575	13.9459	2.82651	1
cg07383250	0.0172161	1.86971	1.86971	0.710814	0.922842	-1.08361	0.151159	0.717729	-1.39328	0.719202	1.08095	1.08095	5.58924	4.11521	0.654465	1
cg08238677	0.116824	0.776382	-1.28803	0.368493	1.14708	1.14708	0.108686	0.771111	-1.29683	0.260688	0.840066	-1.19038	9.47955	3.31333	0.310688	1
cg06549802	0.714446	1.04529	1.04529	3.16E-05	0.376203	-2.65814	0.271558	0.871128	-1.14794	0.127315	0.819748	-1.21989	11.9203	2.7431	0.204552	1
cg23714454	0.0649942	1.30699	1.30699	0.000579747	1.98909	1.98909	0.111956	1.25062	1.25062	0.587276	0.931637	-1.07338	7.63611	1.7947	0.235028	1
cg21845713	0.0103899	0.591048	-1.69191	0.0496657	1.44033	1.44033	0.0103302	1.69295	1.69295	0.0353771	0.670843	-1.49066	5.05936	2.12751	0.373787	1
cg08898569	0.159976	0.511707	-1.95424	0.00275617	0.158306	-6.31687	0.108227	0.457483	-2.18588	0.0828543	0.424398	-2.35628	4.47625	14.1189	2.80372	1
cg14728503	0.192429	1.1883	1.1883	0.0677529	0.774236	-1.2916	0.693229	1.05083	1.05083	0.901919	0.984701	-1.01554	3.65937	0.906301	0.220148	1
cg17012575	0.146208	0.665392	-1.50287	0.002826	0.341625	-2.92718	1.43E-05	10.5844	10.5844	0.00250582	2.99376	2.99376	25.0956	27.1101	0.960244	1
cg13181079	0.249965	1.59445	1.59445	0.00476353	0.233566	-4.28144	0.00045114	8.5518	8.5518	0.0292055	2.71041	2.71041	8.01744	19.1201	2.11984	1
cg13479898	0.790268	1.1347	1.1347	0.179378	0.508587	-1.96623	0.00242433	7.4018	7.4018	0.00909091	4.81316	4.81316	4.60125	16.3781	3.16398	1
cg06039699	0.022298	0.538134	-1.85827	0.702427	0.916816	-1.09073	0.461468	1.18486	1.18486	0.0986161	0.663801	-1.50647	17.7683	14.4054	0.720652	1
cg21754609	0.00220445	0.331177	-3.01953	0.0767811	0.60239	-1.66005	0.655276	0.890725	-1.12268	0.0845623	0.611832	-1.63443	3.96399	4.16352	0.933632	1
cg17865602	3.99E-05	0.407184	-2.45589	0.0643745	0.788379	-1.26843	0.129894	1.20587	1.20587	5.31E-05	0.421758	-2.37103	73.0626	15.1502	0.184319	1
cg27216384	0.404007	0.969583	-1.03137	0.120754	1.06276	1.06276	2.66E-06	1.50524	1.50524	0.0874089	0.934017	-1.07064	20.2523	0.419723	0.018422	1
cg25350411	0.730637	1.02695	1.02695	0.0894782	1.15494	1.15494	6.41E-05	1.7602	1.7602	0.000366131	1.55141	1.55141	20.0954	1.8839	0.0833313	1
cg08263357	0.856052	1.02244	1.02244	0.0278432	1.37385	1.37385	0.00669797	1.53686	1.53686	0.355053	1.12327	1.12327	13.0735	3.09131	0.210182	1
cg05326984	0.866741	0.985945	-1.01426	0.107882	1.15935	1.15935	0.000747638	1.5391	1.5391	0.759608	0.974464	-1.02621	11.0309	1.24104	0.100005	1
cg07077459	0.603456	1.05411	1.05411	0.000959666	1.63982	1.63982	0.00515087	1.44991	1.44991	0.657408	1.04591	1.04591	10.5593	1.69109	0.142358	1
cg09730369	0.00211685	0.460968	-2.16935	0.544508	1.1162	1.1162	0.0825181	1.41154	1.41154	0.162038	1.30681	1.30681	4.30764	2.19163	0.452246	1
cg21952820	0.619272	0.909365	-1.09967	0.593653	1.10755	1.10755	0.000906537	2.56345	2.56345	0.386316	0.844979	-1.18346	4.30703	2.45403	0.506466	1
cg11532302	0.254895	0.86034	-1.16233	0.104273	0.79873	-1.25199	0.0019207	1.74332	1.74332	0.333778	0.881479	-1.13446	4.28835	1.0876	0.225439	1
cg22378065	0.381916	1.15463	1.15463	0.00786435	1.72765	1.72765	0.0366714	1.47585	1.47585	0.763171	0.952703	-1.04965	3.42231	1.39335	0.361901	1
cg08471073	0.00208273	0.477222	-2.09546	0.956979	0.990831	-1.00925	0.322744	0.839961	-1.19053	0.0130267	0.590957	-1.69217	17.1219	7.90555	0.410419	1
cg01959004	0.00011819	0.27848	-3.59092	0.149353	1.30944	1.30944	0.0878834	1.39094	1.39094	0.0649932	1.43908	1.43908	20.0378	9.24526	0.358859	1
cg20715326	0.71621	0.871927	-1.14688	0.580024	1.23345	1.23345	0.482435	0.764919	-1.30733	0.942629	1.02739	1.02739	5.79411	12.9313	1.98382	1
cg23878202	0.0193085	1.48589	1.48589	0.0848484	1.30565	1.30565	0.589754	0.926646	-1.07916	0.331312	1.1506	1.1506	5.58742	1.73328	0.275744	1
cg11962566	0.152651	0.692053	-1.44498	0.11308	0.660747	-1.51344	0.0184387	1.98763	1.98763	0.871682	1.03961	1.03961	4.54284	4.15428	0.812859	1
cg20067598	0.541893	1.07439	1.07439	0.0159021	0.709515	-1.40941	0.0135792	1.42607	1.42607	0.10371	1.22972	1.22972	3.9682	0.848819	0.190138	1
cg07330718	0.00980876	0.313282	-3.19201	?	?	?	0.540215	1.23696	1.23696	?	?	?	8.17797	11.5553	1.41298	1
cg27494615	0.121312	0.670922	-1.49049	0.000725844	0.294884	-3.39117	0.355451	0.797841	-1.25338	7.04E-07	24.4204	24.4204	29.3731	26.261	0.794712	1
cg12285409	0.738056	1.06091	1.06091	0.303646	1.20647	1.20647	0.763416	1.05462	1.05462	1.77E-06	8.18163	8.18163	18.9786	9.32905	0.436939	1
cg14644898	0.00119543	1.50367	1.50367	0.024903	0.795078	-1.25774	0.0113522	1.31298	1.31298	6.80E-05	1.87035	1.87035	13.1227	1.53385	0.103898	1
cg20556744	0.759006	1.08747	1.08747	0.202728	0.693194	-1.4426	0.737968	0.912569	-1.09581	1.44E-05	11.6952	11.6952	12.0781	14.2041	1.04535	1
cg01417553	0.845373	1.06487	1.06487	0.261989	1.45716	1.45716	0.524318	1.23083	1.23083	2.51E-05	14.7799	14.7799	8.91599	14.6305	1.4586	1
cg17568255	0.340534	0.527937	-1.89417	0.986001	1.01148	1.01148	0.850354	0.884413	-1.13069	8.65E-05	97.6812	97.6812	6.87509	46.0522	5.95414	1
cg05986044	0.404045	0.322763	-3.09825	0.675187	1.74747	1.74747	0.143223	0.124486	-8.03302	0.000877506	740.407	740.407	5.3606	132.378	24.6946	1
cg04210100	0.960091	1.03468	1.03468	0.431475	0.578633	-1.72821	0.140798	2.94311	2.94311	0.000836116	30.7323	30.7323	4.36167	32.0734	6.53641	1
cg12127290	0.0832754	0.73478	-1.36095	0.0468879	0.693739	-1.44146	0.0760977	0.728152	-1.37334	0.0364132	0.676441	-1.47833	5.69943	2.33201	0.363703	1
cg24941513	0.805186	1.05033	1.05033	0.00141399	0.399244	-2.50473	0.663652	0.916719	-1.09085	0.52611	0.880156	-1.13616	3.8095	2.38267	0.555959	1
cg13530946	0.175638	0.403785	-2.47656	0.0100146	0.129071	-7.74767	0.0269777	0.19217	-5.20374	0.198593	0.425056	-2.35263	3.80242	23.8817	5.58282	1
cg12763811	0.246702	0.916566	-1.09103	0.00013074	1.61227	1.61227	0.00389748	0.756159	-1.32247	0.231349	0.913663	-1.0945	10.9329	0.89568	0.0728222	1
cg23617067	0.319547	0.859191	-1.16389	0.0293918	0.684872	-1.46013	0.330069	1.15985	1.15985	0.00076603	0.471448	-2.12113	19.2463	6.63525	0.306448	1
cg24658737	0.00182343	0.411142	-2.43225	0.302428	0.80709	-1.23902	0.528905	0.87987	-1.13653	0.00611833	0.487837	-2.04987	6.25337	3.98616	0.566615	1
cg00873521	0.0106971	0.837002	-1.19474	2.87E-05	0.633987	-1.57732	0.00527282	1.2263	1.2263	0.00922007	1.20119	1.20119	18.666	0.909293	0.0433012	1
cg04263936	0.162992	0.889559	-1.12415	0.0219426	0.805712	-1.24114	0.509491	1.05399	1.05399	0.0028965	1.37963	1.37963	6.25772	0.612106	0.0869476	1
cg14033686	0.416122	0.885575	-1.12921	0.00876157	0.613743	-1.62935	0.0421189	1.40828	1.40828	0.666059	1.06554	1.06554	3.63252	1.2299	0.30096	1
cg07027685	0.832403	1.03797	1.03797	6.27E-05	0.273481	-3.65656	0.136963	0.754463	-1.32545	0.181192	1.28359	1.28359	8.34444	4.08781	0.435453	1
cg07368727	0.000598601	0.41029	-2.4373	9.03E-07	0.111871	-8.93886	0.000270469	0.366173	-2.73095	0.000385447	0.385657	-2.59298	32.8387	14.7173	0.398374	1
cg08422456	0.0171357	0.546814	-1.82877	0.0879598	1.47883	1.47883	0.691605	1.08637	1.08637	0.000372511	0.306385	-3.26387	24.3906	16.676	0.607737	1
cg16568467	0.00788659	0.156238	-6.4005	0.113435	0.391333	-2.55537	0.0824009	0.350662	-2.85175	0.00265806	0.10396	-9.61908	5.13137	24.1094	4.17639	1
cg16909685	0.0873422	0.32854	-3.04377	0.0222363	0.198666	-5.03358	0.351299	0.567961	-1.76068	0.0484275	0.264539	-3.78016	3.77396	20.7867	4.89594	1
cg15682575	0.960825	1.02523	1.02523	0.00411975	0.141958	-7.04432	0.0602601	0.341237	-2.93051	0.051127	0.32401	-3.08633	3.52114	14.3557	3.62401	1
cg03303300	0.821897	1.0537	1.0537	0.422753	1.20921	1.20921	0.831674	0.951819	-1.05062	0.0294494	0.551611	-1.81287	14.5999	12.445	0.757688	1
cg17076789	0.568123	0.901755	-1.10895	0.0119262	0.569839	-1.75488	0.241776	0.802831	-1.24559	0.677415	0.927758	-1.07787	4.4822	2.28066	0.45229	1
cg14154456	0.263837	0.384286	-2.60223	0.0110475	0.073017	-13.6954	0.942702	1.0608	1.0608	0.013914	0.0825146	-12.1191	3.94671	42.1419	9.49132	1
cg11204983	0.835023	1.03363	1.03363	0.00180841	0.494733	-2.02129	0.508194	0.898997	-1.11235	0.133394	0.773514	-1.2928	3.93406	1.56776	0.35423	1
cg11837701	0.00267949	0.282103	-3.5448	0.000106227	0.124176	-8.05306	0.000296747	0.165957	-6.02567	0.00369141	0.302267	-3.30833	17.6899	26.0457	1.30875	1
cg07190543	0.0408689	0.616953	-1.62087	0.424645	1.18156	1.18156	0.676295	1.08972	1.08972	0.00400862	0.453301	-2.20604	11.6569	7.72988	0.589435	1
cg25766425	0.718562	0.911973	-1.09652	0.0595554	0.581921	-1.71845	0.207756	0.713045	-1.40244	0.0953337	0.627148	-1.59452	6.87639	7.06027	0.912659	1
cg14430015	0.219858	1.44491	1.44491	0.0316191	2.05221	2.05221	0.00830956	2.61818	2.61818	0.380834	0.7738	-1.29232	6.00656	7.74244	1.14578	1
cg20977170	0.937094	0.972548	-1.02823	0.188633	0.611897	-1.63426	0.029475	0.404895	-2.46978	0.127097	0.558852	-1.78938	5.57886	10.9882	1.75076	1
cg20371765	0.775927	1.11269	1.11269	0.0921076	0.499672	-2.00131	0.0284995	0.380134	-2.63065	0.0768591	0.478912	-2.08807	5.4089	11.9949	1.97121	1
cg13394022	0.489743	0.781356	-1.27983	0.00673867	0.290749	-3.43939	0.00145597	0.198506	-5.03763	0.0325654	0.414925	-2.41007	5.377	10.5299	1.74073	1
cg10798171	0.54937	0.799103	-1.2514	0.0375796	0.409383	-2.4427	0.0158359	0.334817	-2.98671	0.129046	0.544858	-1.83534	5.0798	11.0262	1.92943	1
cg00106621	0.026073	0.377945	-2.64589	0.454778	1.32386	1.32386	0.438491	1.33802	1.33802	0.112354	0.528892	-1.89075	4.73999	10.1934	1.91157	1
cg16379704	0.296709	0.625998	-1.59745	0.539302	0.764086	-1.30875	0.0254482	0.316711	-3.15746	0.0740456	0.422358	-2.36766	4.00453	11.8876	2.63871	1
cg05822926	0.263385	0.682383	-1.46545	0.0981913	0.551821	-1.81218	0.00974128	0.342466	-2.92	0.161279	0.612405	-1.63291	3.83224	6.52063	1.51246	1
cg15413566	0.988751	0.998821	-1.00118	0.633682	1.04097	1.04097	0.028386	1.24162	1.24162	0.0414047	1.21743	1.21743	3.63559	0.402837	0.0984923	1
cg00030291	0.285451	1.16563	1.16563	0.000528539	0.474371	-2.10805	0.159996	0.812704	-1.23046	0.759935	1.04325	1.04325	5.17193	1.56316	0.268658	1
cg10258931	0.238166	1.05043	1.05043	1.57E-08	2.39071	2.39071	0.000757943	1.22543	1.22543	0.0743216	1.0824	1.0824	83.6777	2.1015	0.0223238	1
cg26688472	0.688767	0.963578	-1.0378	6.89E-05	1.95497	1.95497	0.167801	1.14507	1.14507	0.765914	0.972862	-1.0279	17.5381	2.35865	0.119544	1
cg24512794	0.00186324	1.84263	1.84263	0.00497285	0.597609	-1.67334	0.161347	0.812942	-1.2301	0.00215397	0.550748	-1.81571	13.1756	4.00014	0.269869	1
cg13521797	0.165367	1.51906	1.51906	0.365228	1.30066	1.30066	0.0111874	2.45537	2.45537	0.0861048	0.585172	-1.7089	9.27198	11.7239	1.12395	1
cg11970843	0.207904	0.768108	-1.3019	3.21E-05	0.200414	-4.98966	0.119635	0.714971	-1.39866	0.113301	1.40831	1.40831	9.07149	5.67172	0.555755	1
cg08006957	0.475647	1.10777	1.10777	0.000543014	0.468346	-2.13518	0.590086	1.07976	1.07976	0.853562	0.974267	-1.02641	7.73261	2.43805	0.280262	1
cg21014120	0.000411768	0.278106	-3.59575	0.0943106	0.657222	-1.52156	0.456016	1.18917	1.18917	0.921521	0.977763	-1.02274	4.94138	4.07571	0.733166	1
cg13854399	0.0577517	0.59915	-1.66903	0.728369	1.0868	1.0868	0.00237061	0.363511	-2.75095	0.685345	1.10214	1.10214	3.66919	3.31238	0.802449	1
cg01104198	0.483008	1.07318	1.07318	0.0062933	0.702875	-1.42273	0.104229	0.838645	-1.1924	0.176637	1.15292	1.15292	3.4374	0.534342	0.138177	1
cg18457962	0.7125	1.04438	1.04438	0.383598	0.90049	-1.11051	0.0988113	1.23656	1.23656	0.000414931	1.92928	1.92928	9.24307	2.01489	0.193768	1
cg05106269	0.0171054	0.667901	-1.49723	2.12E-06	0.198471	-5.03853	0.0298854	0.70129	-1.42594	0.00328235	0.57329	-1.74432	29.83	9.11077	0.271487	1
cg08427717	0.0172447	0.548091	-1.82451	2.49E-05	0.176103	-5.6785	0.883452	1.03087	1.03087	0.0126773	0.526169	-1.90053	13.2297	9.00041	0.604726	1
cg23095260	0.0175293	0.621569	-1.60883	0.00032551	0.384575	-2.60027	0.00305804	0.513136	-1.9488	0.000286657	0.377605	-2.64827	12.8956	5.52571	0.380885	1
cg13720472	0.7265	1.05961	1.05961	0.00539558	0.546685	-1.82921	0.00027704	2.66752	2.66752	0.971851	0.994199	-1.00583	7.98929	3.43942	0.38267	1
cg10651168	0.174644	0.553477	-1.80676	0.00266823	0.182377	-5.48316	0.0402652	2.64005	2.64005	0.367908	0.684601	-1.46071	6.22785	16.5563	2.36304	1
cg24354612	0.287781	0.520161	-1.92248	0.0036124	0.0970156	-10.3076	0.0241143	0.203354	-4.91754	0.150938	0.401899	-2.48819	4.51741	25.0935	4.93764	1
cg02497902	0.0264056	0.333706	-2.99665	0.00610131	0.224851	-4.44739	0.387549	0.691273	-1.44661	0.228717	0.590592	-1.69322	4.25899	11.723	2.4467	1
cg26549174	0.944327	1.04069	1.04069	0.0247628	0.217315	-4.60162	0.116525	2.64833	2.64833	0.520806	1.45018	1.45018	3.40002	17.5617	4.59125	1
cg22874046	0.382986	0.837429	-1.19413	0.00169249	0.410836	-2.43406	0.813648	1.04794	1.04794	0.55122	1.12701	1.12701	8.27114	5.15189	0.553667	1
cg13748570	0.826183	1.09141	1.09141	0.542191	1.27812	1.27812	0.733816	0.873057	-1.1454	0.816176	0.911543	-1.09704	3.88747	9.73941	2.22697	1
cg10237362	0.076286	0.704696	-1.41905	0.00258562	0.476599	-2.0982	2.48E-06	0.132014	-7.57493	0.00471338	0.513572	-1.94715	37.3143	18.6111	0.443348	1
cg07259110	0.0594443	0.580404	-1.72294	0.000296573	0.221717	-4.51026	4.35E-05	0.137533	-7.271	0.00175026	0.319625	-3.12867	14.6466	15.167	0.920472	1
cg07918509	0.0090174	0.314919	-3.17542	0.153757	0.587718	-1.7015	0.00100778	0.182963	-5.46558	0.0416773	0.441655	-2.26421	5.25818	10.0872	1.70524	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12793803	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.0273498	0.0718677	0.590733	-1.69281	0.445017	0.8155	-1.22624	0.04414	0.545655	-1.83266	0.326393	0.766878	-1.30399	0.00133648	0.294779	-3.39238
cg16047144	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	2.40E-05	3.84E-05	0.24951	-4.00785	0.0426105	0.663247	-1.50773	0.0406851	0.659904	-1.51537	0.0131883	0.58246	-1.71686	3.07E-05	0.238798	-4.18765
cg02898493	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.000184407	0.000180038	0.176727	-5.65846	0.271149	0.731135	-1.36774	0.000469417	0.222531	-4.49375	0.00118598	0.272647	-3.66775	5.81E-05	0.130419	-7.66759
cg24080793	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.0100651	0.012847	0.21821	-4.58275	0.657582	0.802683	-1.24582	0.069088	0.367078	-2.72422	0.214176	0.524996	-1.90477	0.0160347	0.23403	-4.27296
cg14667838	ICAM3	0.00162272	0.00187002	0.450189	-2.22129	0.783817	1.05101	1.05101	0.541489	0.894213	-1.1183	0.00129388	2.335	2.335	0.186982	0.776448	-1.28792
cg21901386	ICAM3	0.00456838	0.112587	0.572027	-1.74817	0.0793132	0.532641	-1.87744	0.00384313	0.283689	-3.52499	0.765267	1.10167	1.10167	0.00196033	0.242818	-4.11831
cg05202822	ICAM3	0.00458051	0.515839	0.84383	-1.18507	0.684323	1.1111	1.1111	0.00863288	0.421886	-2.37031	0.0921028	0.620104	-1.61263	0.0126817	0.450028	-2.22208
cg14145194	ICAM3	0.0049405	0.088369	0.71102	-1.40643	0.377989	1.17831	1.17831	0.000360603	0.354229	-2.82304	0.0379222	0.646238	-1.54742	0.0359555	0.642366	-1.55674
cg18054725	ICAM3	0.0437087	0.0131819	0.26137	-3.82599	0.151181	0.510887	-1.95738	0.0811218	0.429835	-2.32647	0.0148704	0.270347	-3.69895	0.069652	0.412336	-2.4252
cg05323251	ICAM3	0.0447332	0.627902	0.848116	-1.17908	0.109372	0.554992	-1.80183	0.00248606	0.242183	-4.12911	0.126623	0.572733	-1.74602	0.870836	1.05642	1.05642
cg23671824	ICAM3;ICAM3	3.66E-05	2.99E-06	0.192654	-5.19066	0.38306	1.14146	1.14146	6.72E-05	0.339679	-2.94396	0.0102482	0.619612	-1.61391	0.901768	1.01843	1.01843
cg09258150	ICAM4;ICAM4;ICAM4	8.20E-06	0.000127252	0.36778	-2.71902	0.0239843	1.49785	1.49785	0.00048924	0.44061	-2.26958	0.0238832	0.836306	-1.19573	0.0285831	0.678725	-1.47335
cg19298774	ICAM4;ICAM4;ICAM4	4.23E-05	0.00519199	0.514255	-1.94456	0.000816293	2.48352	2.48352	0.000176501	3.1467	3.1467	0.00497195	1.95494	1.95494	2.91E-05	0.227937	-4.38718
cg00595030	ICAM4;ICAM4;ICAM4	0.000127912	0.000401098	0.178229	-5.61075	0.00763499	2.8595	2.8595	0.00284109	3.52051	3.52051	0.165166	1.57383	1.57383	0.00368784	0.300514	-3.32763
cg00500176	ICAM4;ICAM4;ICAM4;ICAM1	0.000281044	0.061165	0.601368	-1.66288	0.142572	0.683931	-1.46214	0.000165301	0.212807	-4.6991	0.200883	0.722085	-1.38488	0.416089	0.818451	-1.22182
cg21994045	ICAM5	1.31E-06	9.74E-06	0.330843	-3.02258	0.779475	0.967895	-1.03317	2.08E-05	2.71378	2.71378	0.00747903	1.49227	1.49227	7.26E-06	0.316499	-3.15957
cg03031902	ICAM5	0.00201662	0.79814	1.09012	1.09012	0.0646216	2.01136	2.01136	0.000410433	6.61224	6.61224	0.000201833	8.16051	8.16051	0.176744	0.616657	-1.62165
cg21098990	ICAM5	0.00274028	0.72757	0.945715	-1.0574	0.00400393	0.53944	-1.85377	0.278813	0.835515	-1.19687	0.00052779	2.3673	2.3673	0.0129094	1.63655	1.63655
cg26316885	ICAM5	0.00639468	0.369499	0.589451	-1.69649	0.0910963	2.9076	2.9076	0.000987099	16.5779	16.5779	0.0292811	4.36108	4.36108	0.0316308	0.235725	-4.24223
cg11373429	ICAM5	0.0112072	0.00725952	0.628559	-1.59094	0.101823	1.27139	1.27139	0.185452	1.20714	1.20714	0.410784	0.89336	-1.11937	0.264365	0.855584	-1.16879
cg11242791	ICAM5	0.0166723	0.279713	0.498446	-2.00624	0.0312009	4.93915	4.93915	0.00110475	23.5479	23.5479	0.110975	0.3383	-2.95595	0.712412	0.795975	-1.25632
cg19275536	ICK;ICK	1.95E-07	0.00488977	1.47328	1.47328	0.337574	0.902389	-1.10817	0.146127	0.850366	-1.17596	0.621022	0.949542	-1.05314	0.261802	0.885532	-1.12926
cg01588435	ICK;ICK	0.000957208	?	?	?	0.000903193	8.16275	8.16275	0.00111688	7.28847	7.28847	0.00200016	0.182089	-5.49183	0.0257515	0.439438	-2.27563
cg06616147	ICK;ICK	0.0105833	0.198218	1.18782	1.18782	0.000915981	1.87232	1.87232	0.0180762	1.43829	1.43829	0.015876	1.4534	1.4534	0.325235	1.13721	1.13721
cg26956760	ICK;ICK	0.0496624	0.647812	0.884922	-1.13004	0.963961	1.01208	1.01208	0.072878	1.70205	1.70205	0.026724	0.49768	-2.00932	0.180578	0.685274	-1.45927
cg25393576	ICK;ICK;ICK;ICK	0.0146525	0.468713	0.882102	-1.13366	0.0627899	1.42796	1.42796	0.0534066	1.45262	1.45262	0.173824	1.27918	1.27918	0.381017	1.16521	1.16521
cg04790574	ICMT	0.000455334	0.0324729	0.76319	-1.31029	0.692313	0.957972	-1.04387	0.000150616	0.495377	-2.01867	0.006011	0.678737	-1.47332	0.00322677	0.64804	-1.54312
cg27541349	ICMT	0.00175715	0.0378038	0.63399	-1.57731	0.133939	0.736529	-1.35772	0.619576	0.909659	-1.09931	4.67E-05	4.27795	4.27795	0.331933	0.827474	-1.2085
cg08851727	ICMT	0.00203649	0.0115412	0.196448	-5.09041	0.132637	2.30694	2.30694	0.670608	1.24657	1.24657	0.267152	0.551265	-1.81401	0.000170216	0.0371373	-26.9271
cg14287788	ICMT	0.00254233	0.0902748	1.22695	1.22695	0.0518176	0.784698	-1.27437	0.0278869	1.32936	1.32936	0.310865	0.891471	-1.12174	0.741191	1.03698	1.03698
cg18975791	ICMT	0.00740218	0.0696647	0.686429	-1.45682	0.109999	1.38135	1.38135	0.0946011	0.711249	-1.40598	0.598229	0.906092	-1.10364	0.000677761	0.381587	-2.62063
cg14089881	ICMT	0.00841247	0.0101755	0.146975	-6.8039	0.0678229	3.35448	3.35448	0.201355	2.22189	2.22189	0.152778	2.47451	2.47451	0.0016192	0.0690083	-14.491
cg11019172	ICMT	0.00929551	0.435582	0.74705	-1.3386	0.0771887	2.05512	2.05512	0.0194554	2.81679	2.81679	0.60902	1.20819	1.20819	0.00392769	0.241051	-4.14851
cg12396368	ICMT	0.0105484	0.00834698	0.419636	-2.38302	0.0193705	0.482666	-2.07182	0.145298	0.668393	-1.49613	0.17248	0.68793	-1.45364	0.00607766	0.397384	-2.51646
cg17900884	ICMT	0.0175298	0.206334	0.648179	-1.54278	0.463406	0.784445	-1.27479	0.445638	0.776543	-1.28776	0.001722	0.233415	-4.28422	0.098928	0.555163	-1.80127
cg17992056	ICMT	0.0176022	0.234896	0.656471	-1.5233	0.256845	1.49191	1.49191	0.958819	1.01761	1.01761	0.00166234	4.57619	4.57619	0.0195062	0.385059	-2.597
cg10118002	ICMT	0.0182693	0.874694	1.04596	1.04596	0.000471095	0.209242	-4.77916	0.584909	1.17004	1.17004	0.440966	1.25072	1.25072	0.784613	1.08112	1.08112
cg27056555	ICMT	0.0308308	0.136073	0.757925	-1.31939	0.236654	1.23858	1.23858	0.744556	1.05804	1.05804	0.0686805	0.703536	-1.42139	0.00404952	0.513743	-1.9465
cg06940574	ICMT	0.0389829	0.0714072	0.734674	-1.36115	0.0147628	1.58323	1.58323	0.995147	0.999069	-1.00093	0.762213	1.04757	1.04757	0.867211	1.02596	1.02596
cg15247069	ICOS	0.000519305	0.00621851	0.469049	-2.13197	0.672338	0.913665	-1.09449	0.00182726	0.39063	-2.55997	0.018244	0.544333	-1.83711	7.64E-05	0.218306	-4.58072
cg18561976	ICOS;ICOS	0.0069834	0.0365046	0.420243	-2.37958	0.206876	0.622003	-1.60771	0.00558692	0.27307	-3.66207	0.033638	0.41268	-2.42318	0.00148568	0.195007	-5.12802
cg15344028	ICOS;ICOS	0.0312715	0.149225	0.489839	-2.04149	0.954003	0.973733	-1.02698	0.00571953	0.187879	-5.32256	0.18012	0.51848	-1.92872	0.00629333	0.193551	-5.16661
cg25726128	ICOSLG	0.000819216	0.553825	0.741074	-1.34939	0.00118488	0.092625	-10.7962	0.0222385	0.253803	-3.94006	0.0899944	0.392576	-2.54727	0.000887008	0.0827541	-12.084
cg03048921	ICOSLG	0.0392835	0.0120147	0.128863	-7.76021	0.0823259	0.284018	-3.5209	0.174236	0.388559	-2.57361	0.503526	0.641467	-1.55893	0.00980327	0.118186	-8.46125
cg00993674	ICOSLG	0.0461849	0.339356	1.17156	1.17156	0.155959	1.27642	1.27642	0.878724	1.02485	1.02485	0.719691	0.943704	-1.05965	0.336636	0.85275	-1.17268
cg06173626	ICOSLG;ICOSLG	0.000656984	0.0584338	1.3904	1.3904	0.0970401	1.3241	1.3241	0.118368	1.29866	1.29866	0.0209786	0.651761	-1.53431	0.340968	0.859627	-1.16329
cg04256691	ICOSLG;ICOSLG	0.0212863	0.048548	0.525372	-1.90341	0.47374	0.812109	-1.23136	0.0672395	1.79647	1.79647	0.409187	1.27266	1.27266	0.0618391	0.548422	-1.82341
cg23375783	ICT1	0.000849107	0.745104	0.958164	-1.04366	0.0462841	1.34864	1.34864	0.89232	1.0179	1.0179	0.36784	1.12883	1.12883	0.432028	0.900275	-1.11077
cg11263584	ICT1	0.000946344	0.75705	0.961103	-1.04047	0.357361	1.12865	1.12865	0.349621	1.13099	1.13099	0.0493925	1.33206	1.33206	0.0897286	1.27018	1.27018
cg00948102	ICT1	0.00172836	0.925203	1.04423	1.04423	0.721101	1.17991	1.17991	0.172857	0.504682	-1.98144	0.0120749	0.208198	-4.80312	0.335906	0.629798	-1.58781
cg14445451	ICT1	0.00955558	0.507001	0.83218	-1.20166	0.968704	0.989351	-1.01076	0.92444	1.02623	1.02623	0.102368	0.61397	-1.62874	0.97667	0.992052	-1.00801
cg01891818	ICT1	0.0380292	0.544821	0.760165	-1.3155	0.0409882	2.87275	2.87275	0.141561	2.02844	2.02844	0.488006	1.37059	1.37059	0.206883	0.551229	-1.81413
cg26366347	ICT1	0.0382863	0.034739	3.88812	3.88812	0.491613	0.693606	-1.44174	0.914043	0.94531	-1.05785	0.258815	1.8647	1.8647	0.450616	1.49638	1.49638
cg02310851	ICT1	0.0406035	0.327661	1.12796	1.12796	0.0411382	0.755193	-1.32416	0.855411	0.978498	-1.02197	0.618793	0.941977	-1.0616	0.277361	0.874044	-1.14411
cg19033308	ID1;ID1	0.00276675	0.480153	1.27232	1.27232	0.0283409	2.43392	2.43392	0.1846	0.62169	-1.60852	0.266321	1.47716	1.47716	6.70E-05	0.0664586	-15.047
cg11850311	ID1;ID1	0.011054	0.0301392	0.681945	-1.46639	0.108291	0.768729	-1.30085	0.0166847	1.55071	1.55071	0.338732	0.862394	-1.15956	0.104541	1.30521	1.30521
cg26156301	ID1;ID1	0.0138585	0.05747	0.612769	-1.63194	0.177291	1.3866	1.3866	0.00418599	2.39784	2.39784	0.184791	1.37797	1.37797	0.219447	0.745005	-1.34227
cg20993243	ID1;ID1	0.0236388	0.328227	1.20461	1.20461	0.9681	0.99265	-1.0074	0.791458	1.0501	1.0501	0.891727	0.97519	-1.02544	0.845029	0.964544	-1.03676
cg14353231	ID1;ID1	0.0269937	0.519688	1.13102	1.13102	0.00858603	1.88205	1.88205	0.253701	1.25215	1.25215	0.153419	0.749492	-1.33424	0.352983	0.835027	-1.19757
cg24056028	ID1;ID1	0.041356	0.232861	0.812995	-1.23002	0.123016	0.758419	-1.31853	0.27278	1.20792	1.20792	0.0105361	0.587089	-1.70332	0.0367963	1.49394	1.49394
cg00494337	ID1;ID1;ID1	0.00294712	0.000526044	0.167284	-5.97787	0.112119	0.564077	-1.77281	0.00662523	0.311465	-3.21063	0.0129346	0.360179	-2.7764	0.00106439	0.201663	-4.95878
cg11815991	ID1;ID1;ID1;ID1	0.0252405	0.119728	0.850157	-1.17625	0.426842	1.08114	1.08114	0.00180003	1.53257	1.53257	0.922698	1.00938	1.00938	0.152797	0.863082	-1.15864
cg03767155	ID2	0.0073941	0.00288061	0.537298	-1.86116	0.970415	0.994395	-1.00564	0.300455	1.17658	1.17658	0.0521601	0.715511	-1.3976	0.383556	0.873352	-1.14501
cg06473429	ID2	0.0077022	0.110447	0.799382	-1.25097	0.00540834	0.624195	-1.60206	0.531921	0.92173	-1.08492	0.00107369	0.536936	-1.86242	0.00599587	0.629826	-1.58774
cg23525180	ID2	0.0101831	0.0439607	1.39831	1.39831	0.108024	1.28911	1.28911	0.0386725	0.706947	-1.41453	0.863629	0.975411	-1.02521	0.43283	1.12291	1.12291
cg14657818	ID2	0.0153425	0.319282	1.44011	1.44011	0.291557	0.67815	-1.4746	0.0467833	0.432384	-2.31276	0.00408979	0.220308	-4.53909	0.143031	0.567838	-1.76106
cg20495404	ID2	0.041044	0.00671527	0.160149	-6.24418	0.188006	0.483404	-2.06866	0.408883	1.55289	1.55289	0.167384	0.464477	-2.15296	0.142252	0.439555	-2.27503
cg13055278	ID2;ID2	0.0313398	0.235487	1.23858	1.23858	0.0109365	0.577157	-1.73263	0.49451	1.1268	1.1268	0.230113	0.805187	-1.24195	0.00736896	0.55195	-1.81176
cg05508062	ID2B;PTPRG	0.000288597	0.00574392	1.24956	1.24956	0.00024639	0.688921	-1.45154	0.0184067	0.838624	-1.19243	0.0140656	0.82982	-1.20508	0.000399297	0.707015	-1.4144
cg06133062	ID2B;PTPRG	0.00630517	0.376732	0.792767	-1.2614	0.989302	1.00344	1.00344	0.398399	0.80143	-1.24777	0.197386	1.41745	1.41745	0.0322377	0.526201	-1.90041
cg03535461	ID3	0.00502609	0.155898	0.822782	-1.21539	0.159439	0.824331	-1.2131	0.425306	0.900679	-1.11027	0.257404	0.859107	-1.164	0.0310174	0.722294	-1.38448
cg07034850	ID3	0.00580806	0.00373029	0.0932247	-10.7268	0.0843358	0.31451	-3.17955	0.112037	0.350544	-2.85271	0.0107062	0.143244	-6.98107	0.000474681	0.0359869	-27.7879
cg27518976	ID3	0.011511	0.00651217	0.144683	-6.91167	0.381025	0.611857	-1.63437	0.179643	0.458763	-2.17978	0.0543319	0.30307	-3.29957	0.00691313	0.14788	-6.76223
cg25287482	ID3	0.0226966	0.0113141	0.222002	-4.50446	0.113431	0.441591	-2.26454	0.191205	0.518581	-1.92834	0.00703738	0.191434	-5.22372	0.00296259	0.144355	-6.92738
cg09318066	ID3	0.0496734	0.0259148	0.21162	-4.72544	0.0324068	0.229714	-4.35324	0.227446	0.475161	-2.10455	0.038958	0.245706	-4.06991	0.00421612	0.105369	-9.49047
cg08261032	ID3;ID3	0.0484948	0.150716	1.24476	1.24476	0.0229764	0.679324	-1.47205	0.798918	0.964361	-1.03696	0.0328073	1.42614	1.42614	0.0658727	0.745741	-1.34095
cg00468146	ID4	0.00198198	0.305742	1.10926	1.10926	0.201146	1.14112	1.14112	0.00104859	1.6067	1.6067	0.0904947	1.20008	1.20008	0.465348	1.07536	1.07536
cg04359753	ID4	0.00377903	0.00329387	0.113599	-8.80286	0.000974359	0.0695728	-14.3734	0.0109834	0.176664	-5.66046	0.036629	0.267353	-3.74037	0.000951154	0.0688638	-14.5214
cg16695324	IDE	4.67E-05	0.000202112	0.548946	-1.82167	5.32E-06	0.370653	-2.69794	0.286155	0.898919	-1.11245	0.0852155	0.832709	-1.2009	0.00153643	0.645015	-1.55035
cg18197594	IDE	0.000120603	0.000680689	0.17987	-5.55956	0.181441	0.625765	-1.59804	0.0212368	0.400451	-2.49718	0.0173519	2.60497	2.60497	0.000341398	0.148651	-6.72718
cg10849393	IDE	0.00267243	0.0172291	0.470768	-2.12419	0.000955321	0.278639	-3.58887	0.116454	0.642193	-1.55717	0.495199	0.83543	-1.19699	0.0320297	0.520922	-1.91967
cg08486583	IDE	0.00313471	0.596711	0.922228	-1.08433	0.367984	0.869184	-1.1505	0.114577	0.770903	-1.29718	0.0167768	0.642409	-1.55664	0.00172899	0.507795	-1.9693
cg08034216	IDE	0.0155022	0.805505	0.966117	-1.03507	0.547166	1.08885	1.08885	0.837393	0.971695	-1.02913	0.231083	1.19187	1.19187	0.0879221	0.768628	-1.30102
cg27247650	IDE	0.0192966	0.480823	0.879611	-1.13687	0.624277	0.915426	-1.09239	0.122311	0.741003	-1.34952	0.671607	0.926508	-1.07932	0.987188	0.99713	-1.00288
cg25380352	IDE	0.0209147	0.292546	0.861984	-1.16011	0.453587	1.10942	1.10942	0.00700758	1.60678	1.60678	0.126133	0.798458	-1.25241	0.121307	0.795756	-1.25667
cg13361920	IDE	0.0276094	0.785376	1.02544	1.02544	0.057091	0.820267	-1.21912	0.0254096	0.783087	-1.277	0.315016	0.908807	-1.10034	0.0147353	1.31819	1.31819
cg09737584	IDE	0.0356712	0.700293	1.11942	1.11942	0.605513	1.16412	1.16412	0.40536	1.28186	1.28186	0.318692	1.35066	1.35066	0.996696	0.998793	-1.00121
cg18075115	IDE;IDE	0.000817435	0.1627	0.787177	-1.27036	9.35E-05	0.32667	-3.06119	0.000191388	0.364564	-2.743	0.893508	1.02174	1.02174	0.00262873	0.512401	-1.9516
cg11540707	IDE;IDE	0.0143691	0.533115	1.21866	1.21866	0.144823	0.612275	-1.63325	0.043931	0.484159	-2.06544	0.77575	0.914416	-1.09359	0.0012289	0.22745	-4.39657
cg19769967	IDH1	1.12E-06	1.19E-06	0.111463	-8.97161	0.0207813	1.5278	1.5278	0.255978	0.838224	-1.193	0.766259	1.04508	1.04508	2.79E-07	0.0665308	-15.0306
cg07640666	IDH1	0.00225456	0.00866372	0.354516	-2.82075	0.00111314	0.225715	-4.43036	0.0376937	0.473768	-2.11074	0.217404	0.668875	-1.49505	0.000378623	0.172036	-5.81272
cg18755114	IDH1	0.00668407	0.302001	0.661557	-1.51159	0.000159665	0.0826631	-12.0973	0.187443	0.582863	-1.71567	0.0366253	0.391288	-2.55566	0.493443	0.764353	-1.3083
cg16085695	IDH1	0.0325468	0.138887	0.69763	-1.43342	0.441107	1.19429	1.19429	0.926717	1.02101	1.02101	0.00385129	0.414673	-2.41154	0.720385	0.921971	-1.08463
cg22446709	IDH2	0.000252155	0.132452	1.43719	1.43719	0.00117319	2.89777	2.89777	0.587181	1.13028	1.13028	0.000315474	3.68385	3.68385	0.804862	1.05686	1.05686
cg19394101	IDH2	0.000668557	0.0457974	0.748142	-1.33664	0.0329152	1.37189	1.37189	0.681898	0.949112	-1.05362	0.490003	0.914968	-1.09293	0.122335	1.2364	1.2364
cg19674091	IDH2	0.0268445	0.835413	0.883289	-1.13213	0.220664	0.463896	-2.15565	0.0348821	0.230678	-4.33505	0.171919	2.38084	2.38084	0.00579146	0.115749	-8.63938
cg25244102	IDH2	0.0480559	0.994543	1.00102	1.00102	0.0175269	1.53867	1.53867	0.00475705	1.74851	1.74851	0.18379	1.23391	1.23391	0.382641	1.14277	1.14277
cg04093323	IDH3A	0.00595445	0.204134	1.58253	1.58253	0.0248379	2.49643	2.49643	0.243678	0.658481	-1.51865	0.196478	0.626385	-1.59646	0.00477028	0.277107	-3.60872
cg19437070	IDH3A	0.0202555	0.240826	0.910098	-1.09878	0.04777	0.8406	-1.18963	0.277417	0.916992	-1.09052	0.622467	1.03881	1.03881	0.00211965	1.39292	1.39292
cg16996544	IDH3A	0.0240585	0.291075	1.36469	1.36469	0.0143578	0.424613	-2.35509	0.359883	0.765554	-1.30624	0.0726344	0.566427	-1.76545	0.14551	1.55825	1.55825
cg22375623	IDH3A	0.0323302	0.939051	0.993758	-1.00628	0.40719	1.07189	1.07189	0.238827	0.903924	-1.10629	0.00216756	1.42243	1.42243	0.0501129	1.20068	1.20068
cg19851137	IDH3B;IDH3B;IDH3B	0.000602454	0.122594	1.14718	1.14718	0.00452511	1.36406	1.36406	0.175053	0.88837	-1.12566	0.000244659	1.64454	1.64454	0.0778414	1.17448	1.17448
cg23191772	IDH3B;IDH3B;IDH3B	0.000618141	0.00132924	0.688658	-1.4521	0.0790311	1.16866	1.16866	0.0906984	1.16063	1.16063	0.890258	0.989027	-1.01109	9.41E-05	0.573322	-1.74422
cg23469025	IDH3B;IDH3B;IDH3B	0.00571167	0.00197383	0.45828	-2.18207	0.000270749	0.344481	-2.90292	0.0168963	0.594452	-1.68222	0.169085	0.769913	-1.29885	0.0136621	0.580216	-1.7235
cg06317358	IDH3B;IDH3B;IDH3B	0.007504	0.0316292	0.42532	-2.35117	0.0063858	0.299958	-3.3338	0.00860454	0.320832	-3.11689	0.30457	0.697166	-1.43438	0.319458	1.41774	1.41774
cg20214692	IDI1	0.00263501	0.497903	0.863926	-1.15751	0.000257816	0.159214	-6.28084	0.973637	0.993069	-1.00698	?	?	?	?	?	?
cg09063859	IDI1;C10orf110;C10orf110;C10orf110;C10orf110	0.000301849	0.0121957	1.306	1.306	0.000199986	0.586424	-1.70525	0.00982282	0.756551	-1.32179	0.46685	1.06533	1.06533	0.0444184	1.21815	1.21815
cg23427963	IDI1;IDI1	0.0320591	0.600095	0.89807	-1.1135	0.290314	1.24986	1.24986	0.380644	1.20052	1.20052	0.249611	0.78307	-1.27702	0.371298	1.2051	1.2051
cg07954259	IDI2	0.00149822	0.0028611	0.516381	-1.93655	0.00222186	0.501474	-1.99412	0.00320211	0.523062	-1.91182	0.0187912	0.632239	-1.58168	0.000153447	0.351645	-2.84377
cg08465774	IDO1	0.00969968	0.00417079	0.537013	-1.86215	0.0263148	0.652673	-1.53216	0.00329278	0.522858	-1.91256	0.0820563	0.73198	-1.36616	0.0146995	0.614872	-1.62635
cg18716679	IDO2	2.01E-05	0.217642	1.16939	1.16939	1.01E-05	3.13597	3.13597	0.124827	0.818349	-1.22197	0.562363	1.07323	1.07323	0.0935595	0.800501	-1.24922
cg19111378	IDO2	0.000171407	0.625678	1.06506	1.06506	0.0902277	1.27046	1.27046	0.25432	1.16487	1.16487	0.382847	1.12158	1.12158	0.0161789	0.685795	-1.45816
cg01466330	IDO2	0.022916	0.035884	2.25724	2.25724	0.00258483	4.02611	4.02611	0.983405	0.993087	-1.00696	0.897654	1.04385	1.04385	0.857842	1.06162	1.06162
cg05893709	IDO2	0.0314856	0.049976	1.82869	1.82869	0.000712038	4.02301	4.02301	0.809356	1.06744	1.06744	0.554087	1.17539	1.17539	0.0541619	1.8042	1.8042
cg05621259	IDO2	0.0328606	0.0889054	1.6814	1.6814	0.00979525	2.47039	2.47039	0.854601	1.05211	1.05211	0.456313	1.23381	1.23381	0.105555	1.63178	1.63178
cg06954677	IDO2	0.0437034	0.0566423	0.311644	-3.20879	0.0220648	0.226841	-4.40837	0.0282419	0.246639	-4.05451	0.373385	0.610316	-1.63849	0.0137745	0.19295	-5.18269
cg18985133	IDO2	0.0465571	0.0635567	2.02283	2.02283	0.0278781	2.40519	2.40519	0.516213	0.800668	-1.24896	0.374123	1.36085	1.36085	0.150585	1.6826	1.6826
cg13392184	IDS;IDS;IDS	3.39E-05	0.00460695	0.450148	-2.22149	7.06E-05	0.215556	-4.63917	0.00364947	0.435032	-2.29868	0.0365581	1.67246	1.67246	1.45E-06	0.0749932	-13.3345
cg15363890	IDS;IDS;IDS	0.00719661	0.915087	1.02612	1.02612	0.00507541	0.408365	-2.44879	0.0418317	0.567146	-1.76321	0.0219609	1.94343	1.94343	0.000637409	0.281393	-3.55375
cg06492112	IDS;IDS;IDS	0.0229152	0.245011	1.81213	1.81213	0.865794	0.920634	-1.08621	0.143605	0.463829	-2.15596	0.112257	0.429414	-2.32875	0.0179542	0.24516	-4.07897
cg21411291	IDS;IDS;IDS	0.0443161	0.254909	1.79571	1.79571	0.869145	0.92201	-1.08459	0.113457	0.428169	-2.33552	0.432601	0.674085	-1.48349	0.0019199	0.114966	-8.69824
cg03024740	IDUA	3.97E-06	2.70E-06	0.188839	-5.29551	0.000102252	0.361987	-2.76253	2.45E-05	0.289304	-3.45658	5.39E-05	0.328836	-3.04103	2.89E-07	0.107668	-9.28778
cg14652403	IDUA	0.00629694	0.00972414	0.20468	-4.88568	0.155257	0.478221	-2.09108	0.402495	0.659961	-1.51524	0.307104	0.598799	-1.67001	0.000498795	0.0712299	-14.039
cg04508482	IDUA	0.0134317	0.0441515	4.65714	4.65714	0.733834	0.796864	-1.25492	0.835686	1.14818	1.14818	0.481252	1.61008	1.61008	0.00364505	0.0730519	-13.6889
cg27494429	IDUA	0.0147677	0.404714	1.58078	1.58078	0.706813	0.816314	-1.22502	0.722772	1.21085	1.21085	0.74613	1.19062	1.19062	0.00166393	0.0892719	-11.2017
cg05327835	IDUA	0.0457248	0.239103	3.75146	3.75146	0.748432	1.41209	1.41209	0.629794	0.59401	-1.68347	0.681821	1.55594	1.55594	0.00221271	0.0100607	-99.3964
cg22954703	IDUA;SLC26A1	9.52E-05	0.00345779	0.731132	-1.36774	0.135712	0.880874	-1.13524	0.0161717	1.26124	1.26124	2.90E-06	0.414107	-2.41483	0.0706498	0.852691	-1.17276
cg10827011	IDUA;SLC26A1	0.00415482	0.00121513	0.226347	-4.41799	0.143575	0.610765	-1.63729	0.0107873	2.73132	2.73132	0.0105296	2.74483	2.74483	0.458651	0.7892	-1.26711
cg04912050	IDUA;SLC26A1	0.0155765	0.019604	0.694727	-1.43941	0.00202474	1.75468	1.75468	0.0391566	1.3611	1.3611	0.622339	0.937889	-1.06622	0.345267	1.13378	1.13378
cg03889767	IDUA;SLC26A1;SLC26A1;SLC26A1	0.000214603	0.217429	0.647326	-1.54482	0.998599	1.00059	1.00059	0.000790428	0.182725	-5.47269	0.688278	0.87357	-1.14473	3.32E-05	0.067273	-14.8648
cg21616051	IDUA;SLC26A1;SLC26A1;SLC26A1	0.0182492	0.363476	1.4227	1.4227	0.45906	0.752322	-1.32922	0.0223803	0.355939	-2.80947	0.100134	1.974	1.974	0.000996466	0.157935	-6.33173
cg23332689	IDUA;SLC26A1;SLC26A1;SLC26A1	0.0298239	0.063665	0.331879	-3.01314	0.034028	0.270109	-3.70221	0.122878	0.413	-2.42131	0.517905	0.706956	-1.41452	0.00372324	0.125839	-7.94665
cg17700633	IER2	0.00927828	0.163101	0.762183	-1.31202	0.0765054	1.43253	1.43253	0.299182	1.21687	1.21687	0.176147	0.76924	-1.29999	0.53903	0.892746	-1.12014
cg14567593	IER2	0.0449815	0.00882094	0.120717	-8.28381	0.110327	0.331734	-3.01446	0.406271	0.583491	-1.71382	0.0963331	0.314182	-3.18287	0.0668551	0.271786	-3.67937
cg14121862	IER2;STX10	3.22E-05	0.0291207	0.892262	-1.12075	0.137146	1.07356	1.07356	1.15E-05	0.661858	-1.5109	0.0321324	1.1177	1.1177	0.790695	1.01186	1.01186
cg15340644	IER2;STX10	0.00390277	0.442144	1.24401	1.24401	0.279107	0.729248	-1.37128	0.38584	1.28167	1.28167	0.0533798	0.529064	-1.89013	?	?	?
cg18361467	IER3	0.00055357	0.29578	0.829178	-1.20601	8.90E-06	0.189373	-5.28058	0.00640163	0.541773	-1.84579	0.962022	1.00826	1.00826	0.0152666	0.597681	-1.67313

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12793803	0.150625	0.66794	-1.49714	0.00915296	0.420164	-2.38002	0.483808	0.829938	-1.20491	0.061663	0.576159	-1.73563	4.22254	4.58913	0.96606	1
cg16047144	0.10741	0.734124	-1.36217	0.00259609	2.08348	2.08348	2.18E-06	0.129795	-7.70443	0.00204061	0.46546	-2.14841	32.2931	15.8241	0.435569	1
cg02898493	0.00105497	0.265998	-3.75943	0.0989364	0.609868	-1.6397	0.000103354	0.152969	-6.53726	0.000811744	0.251448	-3.97697	18.7796	22.2237	1.0519	1
cg24080793	0.249036	0.552321	-1.81054	0.360762	1.58869	1.58869	0.000528637	0.0699626	-14.2933	0.0214778	0.256397	-3.90021	5.89835	22.6777	3.41756	1
cg14667838	0.633798	0.916843	-1.0907	0.424296	1.15907	1.15907	0.000299775	0.345076	-2.89791	0.406252	1.16614	1.16614	10.2446	5.30971	0.460703	1
cg21901386	0.00613258	0.314593	-3.17871	0.000860216	0.19823	-5.04463	0.00921437	0.343351	-2.91247	0.229487	0.665135	-1.50345	7.54311	12.4931	1.4722	1
cg05202822	0.000322732	0.223297	-4.47835	0.00174292	0.316496	-3.1596	0.070862	0.594428	-1.68229	0.474525	0.829079	-1.20616	7.53704	7.92898	0.935112	1
cg14145194	0.120197	0.736553	-1.35768	0.947111	0.988038	-1.01211	0.00514053	0.511508	-1.955	0.00408566	0.497076	-2.01176	7.36545	3.83844	0.463236	1
cg18054725	0.754692	0.872094	-1.14667	0.025247	0.312937	-3.19553	0.0157772	0.274848	-3.63837	0.0992552	0.454289	-2.20124	3.56409	10.7616	2.68395	1
cg05323251	0.0204662	0.389852	-2.56507	0.900951	1.04289	1.04289	0.670485	0.865577	-1.1553	0.0516134	0.473683	-2.11112	3.53338	6.36641	1.60159	1
cg23671824	0.000208168	0.399267	-2.50459	0.149563	0.795694	-1.25676	0.754762	0.95471	-1.04744	3.17E-05	0.30155	-3.3162	28.9024	10.0144	0.30799	1
cg09258150	0.000903507	0.474724	-2.10649	1.20E-07	0.0792779	-12.6139	0.0120562	0.625185	-1.59953	0.296407	0.850071	-1.17637	42.7057	15.225	0.316897	1
cg19298774	0.0130766	0.574103	-1.74185	0.000743113	0.39725	-2.51731	0.0879324	1.40426	1.40426	0.0043215	0.502727	-1.98915	27.8293	14.3247	0.457542	1
cg00595030	0.000395741	0.177605	-5.63047	0.000122918	0.128415	-7.78725	0.0312638	2.16866	2.16866	0.263716	1.42889	1.42889	20.7266	30.8036	1.32106	1
cg00500176	0.0661362	0.608457	-1.6435	5.34E-06	0.0832916	-12.006	0.00696264	0.43107	-2.31981	0.0344293	0.551774	-1.81234	16.7464	15.4091	0.817903	1
cg21994045	0.00148792	0.58705	-1.70343	3.90E-06	0.286676	-3.48826	3.82E-06	3.5007	3.5007	0.0324057	0.747393	-1.33798	68.4802	14.6566	0.190246	1
cg03031902	0.366521	0.73174	-1.3666	0.36805	0.732509	-1.36517	0.0781806	1.93252	1.93252	0.98934	0.995512	-1.00451	9.61868	17.2671	1.5957	1
cg21098990	0.0319558	1.49349	1.49349	0.0496604	0.69951	-1.42957	0.566171	0.911603	-1.09697	0.329165	1.17436	1.17436	8.79084	3.54609	0.358564	1
cg26316885	0.0257109	0.218848	-4.56938	0.658515	0.77485	-1.29057	0.395721	0.60725	-1.64677	0.136489	0.398507	-2.50937	6.80375	35.4416	4.63033	1
cg11373429	0.570812	1.07983	1.07983	0.00167197	0.547384	-1.82687	0.0851033	0.77473	-1.29077	0.151514	1.22879	1.22879	5.69813	1.62215	0.25305	1
cg11242791	0.1827	0.415225	-2.40833	0.452995	0.623639	-1.60349	0.235586	0.462497	-2.16217	0.757537	1.21023	1.21023	5.60193	32.9467	4.57436	1
cg19275536	0.00298658	0.654974	-1.52678	1.39E-09	0.0456582	-21.9019	0.0182655	0.742581	-1.34665	0.0363731	0.776671	-1.28755	111.096	18.9906	0.151946	1
cg01588435	?	?	?	0.00488568	0.262455	-3.81017	0.0163999	0.388646	-2.57304	?	?	?	51.6668	30.3171	0.391188	1
cg06616147	0.1182	0.806769	-1.23951	0.647433	1.06002	1.06002	0.246836	0.85789	-1.16565	0.0654256	1.29921	1.29921	5.80419	1.47281	0.225555	1
cg26956760	0.37657	0.785683	-1.27278	0.0923192	1.63637	1.63637	0.0428925	0.538251	-1.85787	0.0993286	1.61644	1.61644	3.39687	3.8014	0.994747	1
cg25393576	0.987292	1.00271	1.00271	0.000780433	0.421164	-2.37437	0.477039	1.13092	1.13092	0.307055	1.19714	1.19714	5.22097	2.39435	0.407647	1
cg04790574	0.00233807	0.632138	-1.58193	6.39E-05	0.452184	-2.21149	0.720326	0.961933	-1.03957	0.00075266	0.575961	-1.73623	14.6659	2.70691	0.164064	1
cg27541349	0.223491	1.27376	1.27376	0.226775	0.786551	-1.27137	0.525071	0.885283	-1.12958	0.0777435	0.690117	-1.44903	10.0115	5.67556	0.503917	1
cg08851727	0.00408095	0.137301	-7.28327	0.00615582	0.158655	-6.30297	0.0101069	0.187906	-5.32182	0.0315533	0.272839	-3.66516	9.59122	40.3139	3.73619	1
cg14287788	0.914741	1.0118	1.0118	7.38E-05	2.20203	2.20203	0.6094	0.945104	-1.05808	0.0309246	1.31999	1.31999	8.9875	1.70874	0.168999	1
cg18975791	0.00645047	0.518449	-1.92883	0.467107	0.871772	-1.14709	0.122881	1.36342	1.36342	0.0575826	0.671507	-1.48919	6.50068	3.54086	0.484169	1
cg14089881	0.267182	0.504624	-1.98168	0.0605454	0.285908	-3.49763	0.0417134	0.249325	-4.01083	0.140098	0.39093	-2.55801	6.2444	34.6215	4.92837	1
cg11019172	0.23189	0.631494	-1.58355	0.0317694	0.397419	-2.51624	0.00631224	0.271456	-3.68383	0.344724	0.699918	-1.42874	6.04996	12.8781	1.89211	1
cg12396368	0.0837518	0.610774	-1.63727	0.00192899	0.322825	-3.09766	0.00337526	0.358061	-2.79282	0.196245	0.703255	-1.42196	5.81034	6.10719	0.934303	1
cg17900884	0.0724768	0.521035	-1.91926	0.0476432	2.08922	2.08922	0.113003	1.75261	1.75261	0.301876	1.41613	1.41613	4.91866	8.24286	1.48963	1
cg17992056	0.283565	1.45735	1.45735	0.108127	0.552904	-1.80863	0.274099	0.680649	-1.46919	0.430012	0.761616	-1.313	4.91186	8.88979	1.60877	1
cg10118002	0.816677	1.06835	1.06835	0.0318811	0.488709	-2.04621	0.579496	0.852693	-1.17275	0.383439	1.28975	1.28975	4.85083	6.2273	1.14112	1
cg27056555	0.0170531	0.605389	-1.65183	0.264816	0.818283	-1.22207	0.46417	0.879356	-1.1372	0.182381	1.27662	1.27662	4.04732	1.90879	0.419216	1
cg06940574	0.508204	0.902319	-1.10826	0.00432501	1.79333	1.79333	0.65815	1.07057	1.07057	0.155465	1.26208	1.26208	3.71818	1.38092	0.33013	1
cg15247069	0.0252232	0.568447	-1.75918	0.00170716	0.386475	-2.58749	0.00164118	0.384076	-2.60365	0.000148461	0.250592	-3.99055	14.141	10.089	0.634185	1
cg18561976	0.0177622	0.357668	-2.79589	0.00308972	0.235923	-4.23867	0.00565633	0.273885	-3.65116	0.0268586	0.392505	-2.54774	6.62002	13.339	1.79106	1
cg15344028	0.0213432	0.279007	-3.58414	0.120987	0.46028	-2.17259	0.0315116	0.312288	-3.20217	0.0715603	0.395149	-2.53069	4.02689	13.5804	2.99771	1
cg25726128	0.928949	0.956358	-1.04563	6.23E-05	0.0249281	-40.1154	0.00308649	0.131814	-7.58644	0.00272955	0.126174	-7.92556	12.4486	49.36	3.52453	1
cg03048921	0.109849	0.319846	-3.12651	0.00765868	0.106264	-9.41052	0.816337	1.16435	1.16435	0.121585	0.333645	-2.9972	3.70771	25.1184	6.0219	1
cg00993674	0.215128	1.23343	1.23343	0.0219879	0.642893	-1.55547	0.021517	1.55888	1.55888	0.0274592	1.52097	1.52097	3.49132	1.42952	0.363955	1
cg06173626	0.237618	1.21009	1.21009	0.650335	0.932076	-1.07287	1.13E-05	4.2116	4.2116	0.105682	1.31315	1.31315	13.244	4.98364	0.334484	1
cg04256691	0.462357	1.23826	1.23826	0.0194682	0.446303	-2.24063	0.00821813	2.62678	2.62678	0.633325	0.871725	-1.14715	4.60567	5.95143	1.14862	1
cg23375783	0.0216828	1.43492	1.43492	1.78E-05	0.316816	-3.15641	0.0646432	0.761929	-1.31246	0.522047	0.918505	-1.08873	12.3235	3.34989	0.241626	1
cg11263584	1.76E-05	3.07328	3.07328	0.67563	0.947619	-1.05528	0.0109067	1.50466	1.50466	0.00201906	1.74516	1.74516	11.9518	3.09415	0.230121	1
cg00948102	7.20E-05	70.423	70.423	0.501789	1.3714	1.3714	?	?	?	0.363864	0.647738	-1.54383	15.6329	44.5112	2.13546	1
cg14445451	0.000472002	4.47682	4.47682	0.00867457	0.401347	-2.49161	0.490452	1.21064	1.21064	0.693062	1.11433	1.11433	5.99703	7.07306	1.04838	1
cg01891818	0.418856	1.44715	1.44715	0.00508227	0.190696	-5.24394	0.677069	0.829115	-1.2061	0.0953731	2.27004	2.27004	3.75208	11.8968	2.81841	1
cg26366347	0.00210453	13.1399	13.1399	0.238344	0.51989	-1.92349	0.387232	0.627683	-1.59316	0.928153	1.0481	1.0481	4.6101	18.8621	2.72765	1
cg02310851	0.0498111	1.30555	1.30555	0.343799	0.890287	-1.12323	0.00909162	1.48436	1.48436	0.0942596	1.2451	1.2451	3.66286	0.823801	0.199917	1
cg19033308	0.345841	0.721499	-1.386	0.191023	0.626557	-1.59602	0.628762	1.17734	1.17734	0.860719	1.06056	1.06056	10.3508	17.9798	1.35104	1
cg11850311	0.766893	1.04564	1.04564	0.00260766	0.534718	-1.87015	0.0290241	0.679539	-1.47159	0.970083	0.994386	-1.00565	5.72348	2.04298	0.317287	1
cg26156301	0.892376	1.03134	1.03134	0.00422907	0.417715	-2.39398	0.873998	1.03684	1.03684	0.384886	0.816216	-1.22517	5.31761	4.37606	0.7315	1
cg20993243	0.0577649	0.673168	-1.48551	0.000482499	0.364277	-2.74517	0.187862	0.773027	-1.29362	0.715088	0.934608	-1.06997	4.44265	2.39432	0.479057	1
cg14353231	0.0293792	0.616295	-1.6226	0.0331591	0.625135	-1.59965	0.103184	1.39971	1.39971	0.953255	0.989002	-1.01112	4.24201	2.39083	0.500984	1
cg24056028	0.198553	0.79863	-1.25214	0.863549	0.971934	-1.02888	0.800542	0.958969	-1.04279	0.0689122	1.40058	1.40058	3.63809	1.57809	0.385573	1
cg00494337	0.116072	0.568204	-1.75993	0.00215436	0.240308	-4.16133	0.00684624	0.313736	-3.18739	0.0338471	0.440429	-2.27052	8.60344	14.9264	1.54216	1
cg11815991	0.715033	1.03589	1.03589	0.396107	1.08716	1.08716	0.0912319	0.836213	-1.19587	0.0797396	1.20561	1.20561	4.34274	0.635998	0.130179	1
cg03767155	0.384871	0.873695	-1.14456	0.118451	0.773456	-1.2929	0.00789336	1.67609	1.67609	0.00947349	1.64583	1.64583	6.5029	2.36564	0.323362	1
cg06473429	0.951627	1.00784	1.00784	0.0060135	0.629987	-1.58733	0.0356088	0.72989	-1.37007	0.0354145	0.72957	-1.37067	6.42023	1.68494	0.233281	1
cg23525180	0.0390588	1.41327	1.41327	0.00454047	0.578376	-1.72898	0.0112725	0.631472	-1.5836	0.841961	1.02933	1.02933	5.87639	1.95204	0.295274	1
cg14657818	?	?	?	0.0284354	2.6222	2.6222	?	?	?	?	?	?	7.13041	8.79211	1.23304	1
cg20495404	0.385353	0.628941	-1.58997	0.00595459	0.15355	-6.51254	0.0413946	0.293555	-3.40652	0.195298	0.489827	-2.04154	3.64829	15.687	3.82208	1
cg13055278	0.104243	1.35751	1.35751	0.613784	1.09153	1.09153	0.116172	0.745407	-1.34155	0.410018	0.865027	-1.15603	4.02375	1.88735	0.416936	1
cg05508062	0.0351499	0.859834	-1.16302	0.000693958	1.37509	1.37509	0.0551348	0.87476	-1.14317	0.13133	0.904616	-1.10544	16.6255	0.997136	0.0533124	1
cg06133062	0.0449329	1.80255	1.80255	0.00967791	2.31195	2.31195	0.000842032	0.276498	-3.61666	0.202062	0.708326	-1.41178	6.83353	7.09385	0.92275	1
cg03535461	0.199635	1.19018	1.19018	0.398709	1.11741	1.11741	0.000180438	2.25781	2.25781	0.842113	1.02596	1.02596	7.32694	1.9157	0.232408	1
cg07034850	0.506968	0.665081	-1.50358	0.711231	1.25265	1.25265	0.796465	0.855063	-1.1695	0.00514891	0.106653	-9.37622	7.00908	40.7388	5.16647	1
cg27518976	0.03571	0.262805	-3.8051	0.00235138	0.0982126	-10.182	0.00574512	0.13816	-7.23796	0.0277145	0.241041	-4.14868	5.64912	26.7447	4.20828	1
cg25287482	0.990909	1.00542	1.00542	0.893355	0.938337	-1.06572	0.820422	1.11393	1.11393	0.0614093	0.367888	-2.71822	4.50541	16.0667	3.16985	1
cg09318066	0.631135	0.752692	-1.32856	0.450798	0.636842	-1.57025	0.823736	0.877205	-1.13998	0.0665644	0.298748	-3.3473	3.39658	18.5533	4.85541	1
cg08261032	0.485939	1.10589	1.10589	0.123102	1.26803	1.26803	0.110118	1.28088	1.28088	0.828965	1.03123	1.03123	3.42765	1.09708	0.284505	1
cg00468146	0.288133	1.11386	1.11386	0.000154949	0.530648	-1.88449	0.462785	0.929521	-1.07582	0.886795	0.986168	-1.01403	9.66735	1.46397	0.134608	1
cg04359753	0.174203	0.456008	-2.19294	0.00497793	0.132715	-7.53496	0.0141347	0.193	-5.18134	0.0613938	0.31826	-3.14208	7.98794	37.3341	4.15449	1
cg16695324	0.00106452	0.627887	-1.59264	3.37E-05	0.461602	-2.16637	4.17E-05	0.471979	-2.11874	0.656792	0.957889	-1.04396	27.1088	3.97361	0.130293	1
cg18197594	0.445121	0.773201	-1.29333	1.35E-05	0.04929	-20.2881	0.00589866	3.28843	3.28843	0.00666706	0.31248	-3.2002	21.0567	36.4155	1.53725	1
cg10849393	0.566705	0.860408	-1.16224	0.000185308	0.194134	-5.15107	0.00247862	0.335519	-2.98046	0.0550978	0.568577	-1.75878	8.8562	9.45415	0.948905	1
cg08486583	0.00207219	0.518169	-1.92987	0.000172082	0.379977	-2.63174	0.437852	0.886935	-1.12748	0.406279	0.879141	-1.13747	8.44714	3.07526	0.323608	1
cg08034216	0.000795911	0.492702	-2.02962	0.72867	0.952506	-1.04986	0.029708	1.42981	1.42981	0.269338	1.17437	1.17437	5.12451	1.58448	0.274842	1
cg27247650	0.721411	0.937919	-1.06619	0.0148156	0.584686	-1.71032	0.00216605	2.16073	2.16073	0.052666	1.48337	1.48337	4.76204	2.41667	0.451098	1
cg25380352	0.0143936	0.663464	-1.50724	0.0184451	0.67788	-1.47519	0.226074	0.841234	-1.18873	0.80247	0.966485	-1.03468	4.63346	1.35743	0.260412	1
cg13361920	0.0516336	1.22614	1.22614	0.353739	1.09179	1.09179	0.0622354	0.824326	-1.21311	0.842183	1.01852	1.01852	4.20854	0.5646	0.11925	1
cg09737584	0.0641275	0.545088	-1.83457	0.712126	0.897534	-1.11416	0.00119278	0.250218	-3.99652	0.199203	0.673235	-1.48537	3.84061	5.17476	1.19767	1
cg18075115	0.86234	1.02826	1.02826	0.436927	1.1358	1.1358	0.262902	1.20614	1.20614	0.801938	1.04118	1.04118	12.4563	5.0865	0.362977	1
cg11540707	0.228378	1.48594	1.48594	0.0161112	2.51542	2.51542	0.827129	0.93378	-1.07092	0.936825	1.02514	1.02514	5.2547	8.16713	1.38156	1
cg19769967	3.00E-07	0.06846	-14.6071	0.917069	1.01552	1.01552	0.0561054	1.38566	1.38566	0.00493825	1.77932	1.77932	108.15	36.6502	0.263576	1
cg07640666	0.00614517	0.330268	-3.02784	0.00200164	0.258798	-3.86402	0.241106	0.683663	-1.46271	0.00343792	0.291854	-3.42637	9.31028	14.1614	1.35204	1
cg18755114	0.00551034	0.244212	-4.09481	0.561749	0.797171	-1.25444	0.191932	0.586418	-1.70527	0.512491	1.29261	1.29261	6.71092	15.8676	2.10174	1
cg16085695	0.605473	0.888894	-1.12499	0.0138839	1.98788	1.98788	0.734948	1.07983	1.07983	0.169365	1.39223	1.39223	3.96971	3.21201	0.719227	1
cg22446709	0.0932029	1.51065	1.51065	0.457003	0.844327	-1.18438	6.59E-06	9.39109	9.39109	0.0288951	1.77805	1.77805	17.2496	13.6338	0.702567	1
cg19394101	0.45155	1.10209	1.10209	1.86E-05	0.331227	-3.01907	0.176403	1.19978	1.19978	0.0243216	1.40518	1.40518	13.1795	3.35246	0.226107	1
cg19674091	0.631054	0.74928	-1.33461	0.013015	0.159123	-6.28443	0.0216151	0.192931	-5.1832	0.701785	1.25798	1.25798	4.25026	23.9534	5.00955	1
cg25244102	0.130584	1.27552	1.27552	0.0136888	1.57531	1.57531	0.13545	1.27106	1.27106	0.558562	1.09218	1.09218	3.43946	1.21028	0.312782	1
cg04093323	0.00447773	0.273013	-3.66282	0.00429115	0.270284	-3.69981	0.267207	1.48574	1.48574	0.170058	0.606205	-1.64961	6.9555	12.924	1.65165	1
cg19437070	0.676701	1.03269	1.03269	0.0442229	0.837516	-1.19401	0.113115	1.14143	1.14143	0.552544	1.04718	1.04718	4.6843	0.436632	0.0828549	1
cg16996544	0.00668725	2.71406	2.71406	0.0995907	0.599151	-1.66903	0.848009	1.05596	1.05596	0.577239	1.17329	1.17329	4.41567	5.63275	1.13389	1
cg22375623	0.0275644	1.23782	1.23782	0.160184	1.13072	1.13072	0.667661	0.965251	-1.036	0.694248	0.968169	-1.03288	3.97922	0.42251	0.0943813	1
cg19851137	0.000360853	0.625326	-1.59917	0.0163924	0.786036	-1.27221	0.191467	1.12019	1.12019	0.144539	1.13726	1.13726	13.5684	1.44736	0.0948187	1
cg23191772	0.0389285	1.21053	1.21053	0.00368174	0.730692	-1.36857	0.0593332	1.18546	1.18546	0.25228	1.10029	1.10029	13.4715	1.36282	0.089923	1
cg23469025	0.315009	0.830748	-1.20373	0.0479529	0.66796	-1.4971	0.237211	0.801714	-1.24733	0.539951	0.895172	-1.1171	7.0453	3.5541	0.448413	1
cg06317358	0.436665	1.30895	1.30895	0.00121599	0.200582	-4.98549	0.0152532	0.363896	-2.74804	0.0931576	0.53438	-1.87133	6.47293	11.8008	1.62053	1
cg20214692	0.0328976	1.79561	1.79561	0.00849697	2.3184	2.3184	0.27672	1.27684	1.27684	0.665683	0.912233	-1.09621	18.714	9.37171	0.357705	1
cg09063859	0.00495165	1.37449	1.37449	0.000416212	1.61376	1.61376	0.00691894	1.3482	1.3482	0.00812741	1.33593	1.33593	16.4225	1.90037	0.10286	1
cg23427963	0.19594	0.757353	-1.32039	0.00135426	0.388434	-2.57444	0.66416	1.09284	1.09284	0.0617594	0.652098	-1.53351	3.99124	2.61078	0.581448	1
cg07954259	0.106701	0.753015	-1.328	0.0059295	0.560112	-1.78536	0.353976	1.16601	1.16601	0.0211721	0.639963	-1.56259	10.4832	4.30654	0.36516	1
cg08465774	0.0195458	0.633191	-1.5793	0.319293	1.18137	1.18137	0.0385132	0.678271	-1.47434	0.018036	0.62799	-1.59238	5.96848	2.47903	0.369203	1
cg18716679	0.000151958	2.19034	2.19034	3.41E-06	3.74322	3.74322	0.000100773	2.29722	2.29722	0.158987	0.833912	-1.19917	33.8201	7.79715	0.204932	1
cg19111378	0.0531395	0.754496	-1.32539	0.539319	1.08294	1.08294	0.00158009	0.558967	-1.78901	3.52E-06	0.247361	-4.04267	19.1547	4.98656	0.231406	1
cg01466330	0.472553	1.27593	1.27593	0.0953181	1.84259	1.84259	0.00290198	3.9166	3.9166	0.105593	1.8033	1.8033	4.49051	7.91033	1.56583	1
cg05893709	0.245529	1.38816	1.38816	0.175189	1.47597	1.47597	0.169699	1.48434	1.48434	0.135629	1.54385	1.54385	4.01709	4.63885	1.02647	1
cg05621259	0.233754	1.413	1.413	0.00409728	2.90553	2.90553	0.0129609	2.34916	2.34916	0.056142	1.82037	1.82037	3.95606	4.80518	1.07968	1
cg06954677	0.930466	0.953935	-1.04829	0.0239449	0.233233	-4.28755	0.0858623	0.358535	-2.78913	0.028148	0.246362	-4.05907	3.56425	16.4831	4.11071	1
cg18985133	0.284115	1.45616	1.45616	0.00504148	3.49952	3.49952	0.0351147	2.29104	2.29104	0.0520567	2.10937	2.10937	3.4808	6.28791	1.60574	1
cg13392184	0.000422468	0.306521	-3.26242	0.00434159	0.446274	-2.24077	0.00453445	0.449111	-2.22662	0.00037864	0.30053	-3.32745	29.4996	20.935	0.63082	1
cg15363890	0.251253	0.74841	-1.33617	0.962563	0.988716	-1.01141	0.638281	0.891832	-1.12129	0.633241	0.890276	-1.12325	6.55818	6.07104	0.822862	1
cg06492112	0.0323639	0.2938	-3.40367	0.0778217	0.383632	-2.60666	0.00958918	4.9694	4.9694	0.320327	0.605315	-1.65203	4.49057	16.9975	3.36458	1
cg21411291	0.20222	1.94078	1.94078	0.213518	0.524618	-1.90615	0.987626	1.00767	1.00767	0.178072	0.494239	-2.02331	3.54578	13.6198	3.41435	1
cg03024740	0.0209632	0.66345	-1.50727	1.97E-05	0.278746	-3.58749	0.346564	0.866598	-1.15394	0.000830455	0.47552	-2.10296	51.4905	17.7939	0.307179	1
cg14652403	0.559972	0.751345	-1.33095	0.00316334	0.141436	-7.07035	0.00722631	0.186126	-5.3727	0.0156485	0.237576	-4.20918	6.8363	25.4728	3.31209	1
cg04508482	0.310799	2.00913	2.00913	0.0908431	0.289571	-3.45338	0.00459393	12.3045	12.3045	0.315317	1.99526	1.99526	5.37244	37.6631	6.23148	1
cg27494429	0.611517	0.759486	-1.31668	0.00710009	0.154414	-6.4761	0.0265758	4.10345	4.10345	0.759596	1.17922	1.17922	5.20749	23.7929	4.06132	1
cg05327835	0.462873	2.22864	2.22864	0.810031	1.29468	1.29468	0.0421011	12.3226	12.3226	0.659194	1.60958	1.60958	3.50447	63.8332	16.1909	1
cg22954703	0.79407	1.02085	1.02085	0.00036323	0.637098	-1.56962	0.0932144	1.15682	1.15682	0.064752	0.849046	-1.17779	22.4352	2.21118	0.0876077	1
cg10827011	0.0066895	3.01512	3.01512	0.627994	0.857971	-1.16554	0.555461	0.829369	-1.20574	0.569398	1.19769	1.19769	7.76303	12.1009	1.38558	1
cg04912050	0.465808	0.908587	-1.10061	0.109231	0.798053	-1.25305	0.479123	1.09738	1.09738	0.191279	1.19567	1.19567	5.11639	1.35184	0.234861	1
cg03889767	3.58E-05	0.0691683	-14.4575	0.000593405	0.169079	-5.91441	0.742446	0.895367	-1.11686	0.0380568	0.446677	-2.23875	18.0232	32.0643	1.58138	1
cg21616051	0.599472	1.22145	1.22145	0.270501	0.648493	-1.54204	0.360269	1.42626	1.42626	0.898407	0.952925	-1.0494	4.85262	10.9521	2.00617	1
cg23332689	0.0295583	0.257847	-3.87827	0.00604891	0.150047	-6.66457	0.731352	0.833333	-1.2	0.172343	0.463736	-2.1564	4.09538	18.1527	3.93998	1
cg17700633	0.257963	0.806273	-1.24028	0.00071307	0.39055	-2.56049	0.639252	1.08994	1.08994	0.0155194	1.71859	1.71859	6.05353	3.1904	0.468473	1
cg14567593	0.570572	0.695257	-1.43832	0.00608828	0.103235	-9.6866	0.0291298	0.19586	-5.10569	0.0936374	0.310642	-3.21914	3.52607	22.4536	5.66035	1
cg14121862	7.67E-06	1.54578	1.54578	0.000677074	0.79426	-1.25903	0.550605	1.02713	1.02713	0.255986	1.05397	1.05397	29.8873	0.930312	0.0276687	1
cg15340644	?	?	?	0.000155667	0.107767	-9.2793	0.955181	1.01567	1.01567	0.70896	1.10949	1.10949	11.839	10.6309	0.769672	1
cg18361467	0.671402	1.07651	1.07651	0.274796	0.82175	-1.21692	0.00990866	0.569533	-1.75583	0.00746819	0.551493	-1.81326	13.8921	6.56811	0.420262	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24363824	IER3	0.00105743	0.38073	0.80992	-1.23469	0.00161291	0.346389	-2.88693	0.000596066	0.288628	-3.46466	0.543581	1.15507	1.15507	0.00228752	0.367914	-2.71803
cg04940526	IER3	0.00171423	0.870654	0.977184	-1.02335	0.476629	0.902579	-1.10794	0.259227	1.1814	1.1814	0.587437	1.08068	1.08068	4.96E-05	0.33997	-2.94144
cg01665212	IER3	0.0113981	0.246239	0.300895	-3.32341	0.0290155	12.7935	12.7935	0.00807044	28.803	28.803	0.514398	1.92482	1.92482	0.225825	0.283739	-3.52437
cg11969002	IER3	0.0169601	0.805812	0.78805	-1.26896	0.00753382	27.8108	27.8108	0.0293914	11.9546	11.9546	0.456904	2.08069	2.08069	0.231461	0.297072	-3.36619
cg10938374	IER3	0.0187492	0.175791	9.46394	9.46394	0.222146	7.41298	7.41298	0.287055	5.61766	5.61766	0.14962	11.1562	11.1562	0.284422	0.176206	-5.67516
cg00687252	IER3	0.0190323	0.240666	2.92311	2.92311	0.219025	3.09187	3.09187	0.355423	2.29353	2.29353	0.095347	4.95334	4.95334	0.536068	0.578594	-1.72833
cg00934883	IER3	0.0228175	0.29998	1.73027	1.73027	0.0737498	2.76625	2.76625	0.185353	2.04814	2.04814	0.140454	2.2467	2.2467	0.846525	1.10397	1.10397
cg17266690	IER3	0.0459979	0.042622	0.680711	-1.46905	0.0108911	0.590544	-1.69336	0.0518155	0.694451	-1.43999	0.596651	1.09199	1.09199	0.25682	0.822824	-1.21533
cg08794940	IER3;FLOT1	0.000260707	0.0026703	0.250527	-3.99158	0.000420518	6.44412	6.44412	0.000505213	6.12162	6.12162	0.010502	2.92505	2.92505	0.00128949	0.209445	-4.77453
cg27545367	IER3;FLOT1	0.00268233	0.0380513	2.45995	2.45995	0.0047706	4.06535	4.06535	0.0348174	2.51136	2.51136	0.363267	1.41872	1.41872	0.118246	1.88682	1.88682
cg11350053	IER3;FLOT1	0.00350283	0.0151308	0.473546	-2.11173	0.045152	1.77825	1.77825	0.0303188	1.89211	1.89211	0.00309673	2.75575	2.75575	0.0646667	0.594677	-1.68158
cg02915939	IER3;FLOT1	0.00376976	0.00664952	0.382144	-2.61682	0.225905	1.4153	1.4153	0.235746	1.40409	1.40409	0.0309007	1.99814	1.99814	0.000741932	0.24683	-4.05136
cg14433074	IER3;FLOT1	0.0104064	0.0521249	0.275431	-3.63068	0.00817455	7.20958	7.20958	0.0135286	5.95291	5.95291	0.27596	1.93758	1.93758	0.00765622	0.135237	-7.39443
cg17389738	IER3;FLOT1	0.0136819	0.0406752	2.92364	2.92364	0.029294	3.20794	3.20794	0.12034	2.14875	2.14875	0.707306	1.18677	1.18677	0.0577199	2.64893	2.64893
cg09235583	IER3;FLOT1	0.0372584	0.205057	0.391029	-2.55735	0.045043	5.0283	5.0283	0.0233505	6.70528	6.70528	0.344141	1.98242	1.98242	0.0532822	0.213988	-4.67315
cg20650802	IER3;IER3	0.0160068	0.193501	0.119497	-8.36844	0.0123097	123.12	123.12	0.0446711	35.1311	35.1311	0.25505	6.26395	6.26395	?	?	?
cg23338650	IER3;IER3	0.045999	0.824981	0.723462	-1.38224	0.026213	47.1988	47.1988	0.0352042	36.0639	36.0639	0.372923	3.80724	3.80724	0.483787	0.353433	-2.82939
cg12128262	IER3IP1	0.0153315	0.414081	1.22545	1.22545	0.0254835	0.523889	-1.9088	0.00397581	0.389477	-2.56754	0.951972	0.98544	-1.01478	0.0969755	1.5583	1.5583
cg02987051	IER3IP1	0.0241773	0.191147	0.806008	-1.24068	0.0249374	1.51557	1.51557	0.356807	1.15913	1.15913	0.0867103	0.744668	-1.34288	0.00371614	0.542963	-1.84174
cg08668412	IER3IP1	0.0306743	0.819893	1.0376	1.0376	0.516477	0.899006	-1.11234	0.421058	1.14229	1.14229	0.0196716	1.57784	1.57784	0.116343	1.31808	1.31808
cg13471184	IER3IP1;IER3IP1	0.00133862	1.49E-05	0.0330783	-30.2313	0.639297	0.836	-1.19617	0.522233	0.781837	-1.27904	0.30803	0.670066	-1.49239	0.0629912	0.452183	-2.21149
cg07320311	IER5	0.000596563	0.0907459	2.30925	2.30925	0.0684822	2.50515	2.50515	0.492053	1.36264	1.36264	?	?	?	0.000123871	0.0386119	-25.8988
cg22801949	IER5	0.000650569	0.000880818	0.298013	-3.35556	0.00656034	2.35696	2.35696	0.0588752	0.595671	-1.67878	0.271377	0.75727	-1.32053	0.0016221	0.333915	-2.99477
cg27176729	IER5	0.000727445	0.614697	0.886882	-1.12755	0.00768316	0.444775	-2.24833	0.887431	0.967056	-1.03407	0.00647016	0.432881	-2.3101	1.76E-05	0.125134	-7.99145
cg07969646	IER5	0.000776701	0.016749	0.614722	-1.62675	0.00844505	1.75145	1.75145	0.657573	1.07718	1.07718	0.182484	1.26589	1.26589	0.00351128	0.516975	-1.93433
cg24915511	IER5	0.00593208	0.866537	1.04903	1.04903	0.00129202	3.79696	3.79696	0.103664	1.65929	1.65929	0.00658936	2.72887	2.72887	0.754351	0.914554	-1.09343
cg16244220	IER5;IER5	0.000834749	?	?	?	0.490705	1.33308	1.33308	0.969983	1.01557	1.01557	1.10E-05	0.0214408	-46.6401	0.428598	0.717575	-1.39358
cg16592623	IER5;IER5	0.00173538	0.339859	0.796445	-1.25558	0.0177803	1.94796	1.94796	0.0738452	1.58568	1.58568	0.346865	0.799219	-1.25122	0.66526	1.10596	1.10596
cg02068689	IER5L	6.46E-06	3.96E-05	0.538176	-1.85813	5.65E-06	2.24086	2.24086	0.00867701	1.30178	1.30178	0.000478779	1.54049	1.54049	0.0930495	0.86444	-1.15682
cg13109865	IER5L	0.0157618	0.00911244	0.410277	-2.43738	0.176284	1.47199	1.47199	0.0300005	1.98672	1.98672	0.0119939	0.430508	-2.32284	0.860375	0.953758	-1.04848
cg06508976	IER5L	0.0165763	0.494974	0.916179	-1.09149	0.234799	1.17038	1.17038	0.000440166	2.01644	2.01644	0.485478	1.09367	1.09367	0.238842	1.16865	1.16865
cg14405643	IER5L;IER5L	0.0344526	0.00606232	1.30928	1.30928	0.968818	1.00294	1.00294	0.631896	1.03696	1.03696	0.00390064	1.33932	1.33932	0.423098	0.940334	-1.06345
cg00082235	IFFO1;IFFO1	0.00707898	0.591616	0.936016	-1.06836	0.989841	0.998447	-1.00156	0.00179438	1.72008	1.72008	0.0416762	0.750741	-1.33202	0.943972	0.991455	-1.00862
cg01979888	IFFO1;IFFO1	0.0200775	0.384158	0.942284	-1.06125	0.414056	0.945892	-1.0572	0.514841	1.04498	1.04498	0.397042	1.05948	1.05948	0.0114487	1.23467	1.23467
cg06743312	IFFO1;IFFO1	0.0202069	0.628652	0.892859	-1.12	0.0203586	1.91597	1.91597	0.028594	1.82323	1.82323	0.338145	1.25811	1.25811	0.02292	0.531074	-1.88298
cg26860613	IFFO1;IFFO1	0.0284185	0.0393428	0.479704	-2.08462	0.528386	1.21753	1.21753	0.154795	1.59877	1.59877	0.564053	0.835526	-1.19685	0.0155388	0.400736	-2.49541
cg24853956	IFFO1;IFFO1	0.0296353	0.307087	1.12296	1.12296	0.19964	1.16023	1.16023	0.156485	1.18086	1.18086	0.0711791	1.24738	1.24738	0.834107	1.02327	1.02327
cg00363813	IFFO1;IFFO1	0.0475443	0.296319	0.862693	-1.15916	0.502189	1.09734	1.09734	0.417325	1.11969	1.11969	0.421462	1.11852	1.11852	0.51103	1.09519	1.09519
cg13549277	IFFO1;IFFO1;IFFO1	0.00238011	0.173398	1.23927	1.23927	0.00112305	2.03458	2.03458	0.0611722	1.36676	1.36676	0.698073	0.943905	-1.05943	0.030364	0.68596	-1.45781
cg10838410	IFFO1;IFFO1;IFFO1	0.00246976	0.149325	1.94536	1.94536	0.00881852	4.20028	4.20028	0.0077973	4.34978	4.34978	0.603249	1.25316	1.25316	0.000342071	0.0835828	-11.9642
cg02149069	IFFO1;IFFO1;IFFO1	0.0077993	0.0113573	0.46589	-2.14643	0.368658	1.24923	1.24923	0.134768	0.678016	-1.47489	0.601108	1.13556	1.13556	0.0280434	0.535061	-1.86895
cg23729277	IFFO1;IFFO1;IFFO1	0.0282928	0.00464703	1.82397	1.82397	0.0222797	1.54853	1.54853	0.00672464	1.75251	1.75251	0.0671875	1.38749	1.38749	0.786693	1.04425	1.04425
cg27299526	IFFO1;IFFO1;IFFO1	0.0389768	0.805025	1.05498	1.05498	0.0260956	1.7706	1.7706	0.216628	1.32493	1.32493	0.187918	0.739357	-1.35253	0.57402	1.13079	1.13079
cg01702347	IFFO1;IFFO1;IFFO1	0.0414294	0.827626	0.957419	-1.04447	0.00384759	2.17548	2.17548	0.932328	1.01709	1.01709	0.757667	0.940112	-1.0637	0.00990208	0.521928	-1.91597
cg17229929	IFFO1;IFFO1;IFFO1	0.0471029	0.0743759	0.572646	-1.74628	0.018213	0.447601	-2.23413	0.164241	0.659559	-1.51617	0.214702	0.693315	-1.44235	0.0171815	0.442978	-2.25745
cg20809997	IFFO2	0.00405843	0.984341	1.00328	1.00328	0.258865	0.821528	-1.21724	0.394127	0.864448	-1.15681	0.09396	0.735405	-1.3598	0.29994	0.835883	-1.19634
cg14014854	IFFO2	0.0045166	0.00704268	1.5568	1.5568	0.126327	1.23386	1.23386	0.0725826	0.775268	-1.28988	0.758765	0.961616	-1.03992	0.0878572	1.27044	1.27044
cg15675456	IFFO2	0.00578052	0.998332	1.0005	1.0005	0.144103	1.45873	1.45873	0.012588	2.10972	2.10972	0.766069	1.07443	1.07443	0.0254523	0.527839	-1.89452
cg17735028	IFFO2	0.016392	0.561597	0.872674	-1.1459	0.916127	0.975852	-1.02475	0.0559827	1.65261	1.65261	0.25196	1.3201	1.3201	0.0636735	0.616446	-1.6222
cg10992634	IFFO2	0.0224648	0.208489	0.82903	-1.20623	0.461855	0.899498	-1.11173	0.811885	1.03429	1.03429	0.857039	1.02583	1.02583	0.00112643	0.507686	-1.96972
cg03420970	IFFO2	0.0283342	0.0409133	0.478331	-2.0906	0.321206	0.725926	-1.37755	0.459678	0.790352	-1.26526	0.169398	1.58013	1.58013	0.00428282	0.302962	-3.30074
cg05626128	IFFO2	0.0470802	0.109433	0.613737	-1.62936	0.0788155	1.72625	1.72625	0.0973204	0.601139	-1.66351	0.0530203	0.540648	-1.84963	0.0663271	0.562114	-1.779
cg21406461	IFI16	0.00049621	0.0756772	0.747782	-1.33729	0.00615812	1.69094	1.69094	0.0737185	0.745984	-1.34051	0.00320478	0.553549	-1.80653	0.000166922	0.389716	-2.56597
cg01342196	IFI16	0.00378521	0.0496283	0.364068	-2.74674	0.0907815	0.43146	-2.31771	0.00151758	0.127402	-7.84917	0.0118995	0.242638	-4.12137	0.255386	0.58527	-1.70861
cg24539090	IFI16	0.00882618	0.0241496	0.670923	-1.49048	0.810756	0.965017	-1.03625	0.227762	0.828663	-1.20676	0.633735	1.07386	1.07386	0.326309	0.860333	-1.16234
cg19939130	IFI16	0.0366953	0.0671991	0.732388	-1.3654	0.280429	1.18571	1.18571	0.0374543	0.693092	-1.44281	0.056132	0.720048	-1.3888	0.561981	0.914826	-1.0931
cg22335802	IFI16	0.0464839	0.864681	1.04769	1.04769	0.0457481	1.86925	1.86925	0.730929	1.09887	1.09887	0.0549407	1.81209	1.81209	0.0360553	0.513785	-1.94634
cg20597486	IFI16;IFI16	0.00602666	0.0161795	0.198156	-5.04653	0.0144513	0.19044	-5.251	0.051709	0.29573	-3.38146	0.0108679	0.172116	-5.81004	0.0464653	0.285122	-3.50727
cg07463059	IFI16;IFI16	0.0115263	0.00531242	0.0751494	-13.3068	0.00844093	0.093491	-10.6962	0.00825294	0.0925168	-10.8088	0.0326555	0.171796	-5.82087	0.0145296	0.119874	-8.34208
cg14352715	IFI27;IFI27	0.00121662	0.647423	0.956666	-1.0453	0.013739	0.745952	-1.34057	0.000438232	0.585996	-1.7065	0.149653	0.861901	-1.16023	0.00384384	0.687421	-1.45471
cg03447547	IFI27;IFI27	0.0102407	0.00828656	0.296625	-3.37126	0.00436468	0.253875	-3.93895	0.00734595	0.288219	-3.46959	0.0806513	0.497818	-2.00876	0.112709	0.537075	-1.86194
cg10778971	IFI27;IFI27;IFI27;IFI27	0.00268186	0.000197845	0.12259	-8.15724	0.0103594	0.338315	-2.95582	0.0126062	0.353078	-2.83223	0.00627624	0.302691	-3.3037	0.0184833	0.383287	-2.60901
cg24979161	IFI27L1;IFI27L1	5.77E-05	2.81E-05	0.149157	-6.70433	4.97E-05	0.172324	-5.80304	0.000324572	0.261312	-3.82685	0.00432408	0.414488	-2.41262	2.46E-05	0.143961	-6.94634
cg14184786	IFI27L1;IFI27L1;IFI27L1;DDX24;IFI27L1	0.000370708	0.0734313	1.13525	1.13525	0.000196189	1.48876	1.48876	0.0866636	1.1278	1.1278	0.0677404	0.878049	-1.13889	0.45919	1.04906	1.04906
cg16333156	IFI27L2	0.00173293	0.00034839	0.132681	-7.53686	0.00706231	0.294402	-3.39671	0.313391	0.693357	-1.44226	0.000122024	0.0948276	-10.5455	0.341721	0.708877	-1.41068
cg21206949	IFI27L2	0.00448968	0.0740779	1.24807	1.24807	0.0106751	0.699555	-1.42948	0.00400702	1.53802	1.53802	0.0343806	1.31618	1.31618	0.201967	1.16182	1.16182
cg06887170	IFI27L2	0.0366335	0.0361613	0.433577	-2.30639	0.0231308	2.53828	2.53828	0.0276103	2.44344	2.44344	0.133056	1.74346	1.74346	0.0343107	2.33241	2.33241
cg05365578	IFI27L2;IFI27L2	0.0395126	0.383048	0.91949	-1.08756	0.469916	0.933343	-1.07142	0.553897	1.05779	1.05779	0.431451	1.07825	1.07825	0.0155853	0.757076	-1.32087
cg15577634	IFI30	5.16E-05	0.396131	0.837851	-1.19353	0.0734261	0.666058	-1.50137	5.23E-06	0.121878	-8.20494	0.0477309	0.630711	-1.58551	1.26E-05	0.15403	-6.49226
cg15825970	IFI30	0.00168206	0.000755091	0.297426	-3.36218	0.890095	0.967712	-1.03337	0.330886	0.788073	-1.26892	0.585559	1.13964	1.13964	0.00344147	0.389395	-2.56809
cg26152923	IFI30	0.00837678	0.00310478	0.310536	-3.22023	0.468824	1.23744	1.23744	0.319779	0.742903	-1.34607	0.0616281	0.544151	-1.83772	0.0022747	0.291165	-3.43448
cg07533630	IFI30	0.0218235	0.00952236	0.439643	-2.27457	0.056512	1.71644	1.71644	0.598326	0.875443	-1.14228	0.751561	1.08272	1.08272	0.0217108	0.501817	-1.99276
cg13549667	IFI30	0.0267084	0.0164691	0.46523	-2.14947	0.0341211	1.90717	1.90717	0.282595	0.747109	-1.33849	0.542172	1.17482	1.17482	0.0314205	0.517349	-1.93293
cg24078767	IFI35	0.0043753	0.237566	0.807845	-1.23786	0.0617062	0.695639	-1.43753	0.0308323	0.645769	-1.54854	0.00712356	0.549108	-1.82114	0.000115414	0.311603	-3.20921
cg23847415	IFI35	0.00522092	0.388804	0.653158	-1.53102	0.914567	0.949745	-1.05291	0.698632	0.82939	-1.20571	0.00986092	0.196467	-5.08991	0.326443	0.613146	-1.63093
cg02452732	IFI35	0.0327522	0.00277597	0.0711592	-14.053	0.862483	0.894874	-1.11748	0.0130339	0.138975	-7.19555	0.570041	0.692286	-1.44449	0.442642	0.605616	-1.65121
cg20163324	IFI35	0.0376649	0.015471	0.325286	-3.07422	0.138403	0.547098	-1.82783	0.00421728	0.234897	-4.25719	0.0433226	0.415334	-2.4077	0.109969	0.51753	-1.93226
cg22281505	IFI35;IFI35	0.03585	0.00841995	0.283345	-3.52927	0.270138	0.650301	-1.53775	0.00878529	0.286332	-3.49245	0.0153723	0.327998	-3.0488	0.0495379	0.431805	-2.31586
cg07107453	IFI44	0.00033763	6.85E-05	0.141919	-7.04626	3.56E-05	0.117783	-8.49018	0.00198651	0.309977	-3.22605	0.0107802	0.423558	-2.36095	0.00185716	0.305886	-3.26919
cg01079652	IFI44	0.00537208	0.0536356	0.395322	-2.52959	0.693588	1.18257	1.18257	0.565025	0.781665	-1.27932	0.298833	0.633799	-1.57779	0.99543	0.997577	-1.00243
cg13304609	IFI44L	0.0247777	0.00416801	0.203929	-4.90367	0.0716744	2.29974	2.29974	0.891591	1.05809	1.05809	0.380704	0.689124	-1.45112	0.00863084	0.249902	-4.00157
cg27315157	IFI44L;IFI44L	0.00146224	0.000229841	0.0793377	-12.6044	0.000966221	0.130671	-7.65281	0.694594	0.849209	-1.17757	0.00723446	0.237993	-4.20181	0.0109907	0.266703	-3.74949
cg07806674	IFI6;IFI6;IFI6	0.000677329	0.474671	1.18855	1.18855	0.00156172	2.94463	2.94463	0.000810767	3.32057	3.32057	0.0194622	1.95636	1.95636	0.000260041	0.239974	-4.16712
cg01911529	IFI6;IFI6;IFI6	0.00305242	0.0024075	0.574582	-1.7404	0.000833174	0.517226	-1.93339	0.0116603	0.661537	-1.51163	0.00197631	0.563863	-1.77348	0.00562403	0.621004	-1.6103
cg12551635	IFI6;IFI6;IFI6	0.00320099	0.00446053	2.39819	2.39819	0.0229926	1.87229	1.87229	0.00437779	2.40533	2.40533	0.0312148	1.79143	1.79143	0.583738	1.13611	1.13611
cg10957680	IFI6;IFI6;IFI6	0.00930147	0.0124475	0.667274	-1.49863	0.982493	0.99715	-1.00286	0.386364	1.12244	1.12244	0.578332	1.07577	1.07577	0.0769032	0.774227	-1.29161
cg08237898	IFI6;IFI6;IFI6	0.0153769	0.551061	0.84392	-1.18495	0.625521	1.14841	1.14841	0.0139342	0.425465	-2.35037	0.412394	0.789947	-1.26591	0.0025354	0.307624	-3.25072
cg00695077	IFI6;IFI6;IFI6	0.017073	0.791795	1.02638	1.02638	0.0458836	0.798337	-1.2526	0.014627	0.743875	-1.34431	0.0125022	0.736526	-1.35773	0.659221	0.957262	-1.04465
cg02771619	IFI6;IFI6;IFI6	0.0268452	0.275719	0.81725	-1.22362	0.0301774	1.57411	1.57411	0.293559	1.21399	1.21399	0.0432855	0.661176	-1.51246	0.0188242	0.602615	-1.65944
cg04405266	IFI6;IFI6;IFI6	0.0290045	0.00241171	0.394983	-2.53175	0.430287	1.19357	1.19357	0.283969	1.27719	1.27719	0.88924	1.0311	1.0311	0.142104	1.41467	1.41467
cg07898857	IFI6;IFI6;IFI6	0.0445885	0.141767	0.800756	-1.24882	0.997816	0.999615	-1.00039	0.332617	0.868857	-1.15094	0.067315	1.33425	1.33425	0.00268964	0.558002	-1.79211
cg03538095	IFIH1	0.0137775	0.298786	1.21696	1.21696	0.00428571	0.498293	-2.00685	0.00427396	0.49812	-2.00755	0.218993	0.790013	-1.2658	0.466948	0.873745	-1.1445
cg07348311	IFIH1;IFIH1	1.60E-05	0.000115445	0.349079	-2.86468	3.11E-06	0.178342	-5.6072	0.00171007	0.498037	-2.00788	3.96E-05	0.29417	-3.3994	0.0657589	1.3791	1.3791
cg00531628	IFIH1;IFIH1	0.0124015	0.111883	0.536161	-1.86511	0.0047123	0.258724	-3.86513	0.0367253	0.417396	-2.39581	0.00191889	0.205656	-4.86248	0.969495	1.01386	1.01386
cg05552874	IFIT1	0.00695549	0.562363	1.32471	1.32471	0.000408418	14.8119	14.8119	0.00234691	7.67723	7.67723	0.131495	2.18503	2.18503	0.14959	2.0995	2.0995
cg26974214	IFIT1	0.0228323	0.037183	0.592771	-1.68699	0.00572342	2.18841	2.18841	0.326247	0.803232	-1.24497	0.255907	0.773844	-1.29225	0.253901	1.29378	1.29378
cg15019617	IFIT1;IFIT1	0.0468504	0.486658	0.9152	-1.09266	0.960123	1.00629	1.00629	0.00298849	1.6663	1.6663	0.0823186	0.785611	-1.2729	0.988056	1.00188	1.00188
cg23037265	IFIT1L	0.00199494	0.0654211	1.40162	1.40162	0.00121018	0.461318	-2.1677	0.00117447	0.45959	-2.17585	0.457382	1.13152	1.13152	0.735903	0.946231	-1.05682
cg23205949	IFIT1L	0.0183999	0.932763	0.983017	-1.01728	0.645799	0.910338	-1.09849	0.0331973	0.603286	-1.65759	0.0727417	0.666068	-1.50135	0.177065	0.747338	-1.33808
cg11055449	IFIT1L	0.0295425	0.0234291	0.565189	-1.76932	0.369478	0.823467	-1.21438	0.00641474	0.473659	-2.11122	0.0552258	0.632548	-1.58091	0.0222963	0.561488	-1.78098
cg15974642	IFIT1L	0.0395634	0.0928933	0.656131	-1.52409	0.056019	1.63779	1.63779	0.0624114	1.61291	1.61291	0.16878	0.715903	-1.39684	0.0104555	0.479675	-2.08475
cg06376949	IFIT5	0.00164345	0.000710496	0.297875	-3.35711	0.056299	0.601947	-1.66128	0.0309911	0.551704	-1.81257	0.0903214	0.645118	-1.5501	0.000412854	0.268087	-3.73013
cg24049838	IFIT5	0.00302257	0.00188972	0.408043	-2.45072	0.48899	0.866696	-1.15381	0.086702	1.46978	1.46978	0.00397744	0.4547	-2.19925	0.94851	0.986941	-1.01323
cg23555592	IFIT5	0.0162448	0.0388753	0.395072	-2.53118	0.00385284	4.53723	4.53723	0.0611352	2.26931	2.26931	0.816185	0.913541	-1.09464	0.0422006	2.48155	2.48155
cg22139878	IFIT5	0.0258688	0.00356383	0.429618	-2.32765	0.212726	1.32419	1.32419	0.0877419	1.49667	1.49667	0.700243	0.920562	-1.08629	0.911141	1.02417	1.02417
cg01355957	IFIT5	0.0333625	0.650502	0.941846	-1.06175	0.170407	0.825486	-1.21141	0.225715	1.1819	1.1819	0.398699	0.892705	-1.12019	0.0556806	0.752151	-1.32952
cg15154797	IFIT5;IFIT5	0.00904314	0.3902	1.24886	1.24886	0.0893904	0.623294	-1.60438	0.173312	0.693712	-1.44152	0.409722	1.23714	1.23714	?	?	?
cg23570810	IFITM1	0.000211284	0.234108	0.834948	-1.19768	0.000130779	0.382749	-2.61268	0.0213638	0.67034	-1.49178	0.00862136	0.616073	-1.62318	0.0112733	0.631891	-1.58255
cg03038262	IFITM1	0.00277722	0.00478825	0.569088	-1.7572	0.275421	0.842964	-1.18629	0.000698649	0.459112	-2.17812	0.139009	1.27094	1.27094	0.564965	0.916137	-1.09154
cg11694510	IFITM1	0.0165094	0.0549161	0.54796	-1.82495	0.204171	1.44818	1.44818	0.347122	0.765266	-1.30674	0.24429	0.714183	-1.4002	0.0125993	0.424314	-2.35675
cg08275025	IFITM1	0.0177463	0.0118381	0.430408	-2.32338	0.0424588	1.87166	1.87166	0.148922	0.660172	-1.51476	0.0374589	0.52324	-1.91117	0.094	0.6102	-1.63881
cg14967066	IFITM1	0.0179151	0.640668	0.907002	-1.10253	0.0298011	1.70051	1.70051	0.0965532	0.68466	-1.46058	0.0436428	0.61778	-1.6187	0.899779	1.02651	1.02651
cg01886988	IFITM1	0.0306086	0.062517	0.504721	-1.98129	0.00319594	3.71704	3.71704	0.348656	1.36987	1.36987	0.286947	1.43427	1.43427	0.210745	0.650424	-1.53746
cg10552523	IFITM1	0.0347725	0.0616285	0.428244	-2.33512	0.275982	1.57857	1.57857	0.342222	0.674203	-1.48323	0.199357	0.579109	-1.72679	0.0501535	0.406721	-2.45869
cg09237521	IFITM2	0.00397351	0.24268	0.881768	-1.13409	0.00614895	1.44463	1.44463	0.504784	1.07213	1.07213	0.523427	1.06881	1.06881	0.283746	1.12143	1.12143
cg17990365	IFITM3	0.0334561	0.00610407	0.249155	-4.01356	0.0555913	0.430761	-2.32147	0.288213	0.651759	-1.53431	0.349649	1.45323	1.45323	0.286951	0.650973	-1.53616
cg01779447	IFITM4P	0.00285018	0.00992439	0.486726	-2.05454	0.00267603	0.399416	-2.50366	0.00891862	0.479249	-2.0866	0.256576	0.769676	-1.29925	0.00112683	0.346548	-2.8856
cg02039276	IFITM4P	0.0134912	0.198876	0.753052	-1.32793	0.133249	1.40266	1.40266	0.173612	1.35317	1.35317	0.739174	0.932575	-1.0723	0.0013009	0.375892	-2.66034
cg01306985	IFITM4P	0.0147429	0.0126707	0.369883	-2.70355	0.0285266	0.436276	-2.29213	0.0062882	0.31903	-3.1345	0.0341011	0.452151	-2.21165	0.0654884	0.515008	-1.94172
cg10600786	IFITM4P	0.0190145	0.859008	1.03781	1.03781	0.0975075	0.684167	-1.46163	0.0846249	0.671567	-1.48905	0.217448	0.762724	-1.31109	0.0010387	0.362836	-2.75607
cg01800614	IFITM4P	0.0434831	0.840682	0.960791	-1.04081	0.013225	1.84098	1.84098	0.0663572	1.50564	1.50564	0.423857	1.17624	1.17624	0.447905	0.857522	-1.16615
cg09172362	IFITM5	2.52E-05	2.72E-06	0.200329	-4.99179	0.000131831	0.388309	-2.57527	0.00855364	0.61977	-1.6135	0.945731	1.00976	1.00976	0.00144992	0.518813	-1.92748
cg24503261	IFITM5	0.000281441	0.000116507	0.316544	-3.15912	0.000406181	0.383906	-2.6048	0.136049	0.760591	-1.31477	0.321179	0.839781	-1.19079	0.0960595	0.732439	-1.3653
cg08437786	IFITM5	0.00064725	0.00105814	0.398885	-2.50699	0.000513255	0.357266	-2.79903	0.000437901	0.348366	-2.87055	0.0711497	0.682093	-1.46608	0.000949257	0.392529	-2.54758
cg07586868	IFITM5	0.00107117	0.000125053	0.324276	-3.08379	0.00259202	0.494931	-2.02048	0.022671	0.631471	-1.5836	0.0130081	0.594974	-1.68075	0.00163181	0.467489	-2.13909
cg00369241	IFITM5	0.00153513	0.0715764	0.392937	-2.54493	0.000176098	0.0521733	-19.1669	0.0407578	0.334004	-2.99397	0.0589303	0.37147	-2.69201	0.00240145	0.140365	-7.12428
cg09232564	IFITM5	0.0024193	0.152838	0.698366	-1.43191	0.000929497	0.313752	-3.18723	0.0132113	0.486627	-2.05496	0.747674	0.927106	-1.07863	0.0143474	0.492709	-2.0296
cg00714343	IFITM5	0.00538601	0.000514501	0.25054	-3.99138	0.0340096	1.88109	1.88109	0.214369	1.39623	1.39623	0.783147	1.07298	1.07298	0.130094	0.658697	-1.51815
cg26152754	IFITM5	0.00999771	0.0262866	0.456634	-2.18994	0.00146439	0.25502	-3.92127	0.0340633	0.479152	-2.08702	0.0677162	0.544049	-1.83807	0.0365462	0.485434	-2.06001
cg24018756	IFITM5	0.0111068	0.0225273	0.446993	-2.23717	0.0159438	0.419064	-2.38627	0.0510805	0.519566	-1.92468	0.0602473	1.86739	1.86739	0.149135	0.633878	-1.57759
cg14620839	IFITM5;IFITM5	0.00384812	0.0410149	0.517501	-1.93236	0.000952995	0.252712	-3.95707	0.00597104	0.366387	-2.72935	0.600058	0.862608	-1.15927	0.452665	1.23828	1.23828
cg06680863	IFLTD1;IFLTD1;IFLTD1	0.000106204	6.07E-05	0.397366	-2.51657	0.00554327	0.634947	-1.57494	0.000525763	0.509989	-1.96083	0.000793711	0.531705	-1.88074	7.43E-05	0.407752	-2.45247
cg11130955	IFLTD1;IFLTD1;IFLTD1;IFLTD1;IFLTD1	0.000170978	0.282901	1.27196	1.27196	0.00177367	0.383046	-2.61065	0.00980547	0.494636	-2.02169	0.0340355	0.586599	-1.70474	0.0102017	0.497402	-2.01045
cg15461781	IFLTD1;IFLTD1;IFLTD1;IFLTD1;IFLTD1	0.0115735	0.00138593	0.140702	-7.10722	0.133054	0.503777	-1.985	0.023928	0.319855	-3.12642	0.0549192	0.398155	-2.51158	0.00346489	0.186588	-5.35941
cg15758700	IFLTD1;IFLTD1;IFLTD1;IFLTD1;IFLTD1	0.0198099	0.0418733	0.330766	-3.02328	0.766659	0.869023	-1.15072	0.0396361	0.325485	-3.07233	0.829114	0.903057	-1.10735	0.0629821	0.372796	-2.68244
cg01713938	IFNA13	0.0282721	0.017476	0.330132	-3.0291	0.0118107	0.299848	-3.33503	0.00917836	0.281555	-3.55171	0.766388	0.892129	-1.12091	0.0633896	0.449425	-2.22507
cg00474004	IFNA14;IFNA14	0.000445746	0.00265558	0.321992	-3.10566	0.00557594	0.370669	-2.69783	0.00193693	0.302508	-3.3057	0.000106517	0.154984	-6.45226	0.000544917	0.231118	-4.3268
cg18403613	IFNA7	0.00376372	0.0579473	0.486804	-2.05421	0.00141427	0.211879	-4.71968	0.00192077	0.228757	-4.37145	0.434227	1.30733	1.30733	0.301072	0.697765	-1.43315
cg15669228	IFNA8	0.0262768	0.207737	0.469885	-2.12818	0.48717	0.669401	-1.49387	0.0270129	0.225667	-4.43131	0.0292149	0.232043	-4.30955	0.0524504	0.285395	-3.50391
cg06121323	IFNAR1	0.0220172	0.41415	1.08696	1.08696	0.0188692	0.752683	-1.32858	0.913325	0.989183	-1.01094	0.494212	1.07181	1.07181	0.994857	1.00064	1.00064
cg14352951	IFNAR1	0.0224145	0.787783	0.947892	-1.05497	0.757194	1.06344	1.06344	0.19804	1.30974	1.30974	0.492184	1.14839	1.14839	0.783154	1.05624	1.05624

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24363824	0.215292	0.736512	-1.35775	0.000241489	0.240739	-4.15387	0.00389811	0.40204	-2.48731	0.00409304	0.405245	-2.46764	11.5815	10.0847	0.774007	1
cg04940526	0.783549	1.03977	1.03977	0.000931655	0.496644	-2.01352	0.659581	0.939147	-1.0648	0.692831	0.945321	-1.05784	10.0834	3.20346	0.282396	1
cg01665212	0.536436	1.85895	1.85895	0.0492638	9.23258	9.23258	0.00110392	117.137	117.137	0.102547	5.86685	5.86685	5.66714	88.0406	13.8091	1
cg11969002	0.370275	2.43458	2.43458	0.00301675	51.0167	51.0167	0.0171822	16.5769	16.5769	0.0651136	7.40942	7.40942	4.97339	73.6661	13.1663	1
cg10938374	0.101227	16.4767	16.4767	0.0016939	1099.19	1099.19	0.00611031	267.016	267.016	0.0206973	77.4222	77.4222	4.8086	185.641	34.3165	1
cg00687252	0.0651855	6.09686	6.09686	0.00112852	65.6852	65.6852	0.00818893	19.191	19.191	0.0256208	10.1282	10.1282	4.78432	57.7773	10.7346	1
cg00934883	0.0415256	3.31932	3.31932	0.00110506	11.6419	11.6419	0.0106769	5.14631	5.14631	0.0393251	3.37715	3.37715	4.49719	18.5586	3.66818	1
cg17266690	0.669002	1.07344	1.07344	0.037274	1.48936	1.48936	0.399648	0.867559	-1.15266	0.710755	0.940467	-1.0633	3.49665	1.50358	0.382229	1
cg08794940	0.780007	1.09782	1.09782	0.906292	1.04003	1.04003	0.00103053	5.05709	5.05709	0.0459079	2.1439	2.1439	17.0934	30.0748	1.56394	1
cg27545367	0.0174528	2.95405	2.95405	9.00E-05	13.7652	13.7652	0.00234453	4.9018	4.9018	0.0906648	2.00925	2.00925	8.84653	19.6321	1.97261	1
cg11350053	0.139935	1.48848	1.48848	0.102752	0.63948	-1.56377	0.00208127	2.96015	2.96015	0.842327	1.05114	1.05114	8.17183	8.11803	0.883037	1
cg02915939	0.889784	1.0386	1.0386	0.0401008	0.523142	-1.91153	0.0350589	1.95566	1.95566	0.288591	1.35108	1.35108	7.99384	9.44515	1.05027	1
cg14433074	0.385693	0.59509	-1.68042	0.723947	1.22995	1.22995	0.0402948	3.98574	3.98574	0.838574	1.12643	1.12643	5.83567	31.4843	4.79569	1
cg17389738	0.0613307	2.60396	2.60396	0.000539538	11.5074	11.5074	0.00951174	4.44255	4.44255	0.248293	1.7296	1.7296	5.34004	17.4294	2.90125	1
cg09235583	0.804021	1.19077	1.19077	0.109005	3.41229	3.41229	0.0165582	7.81126	7.81126	0.466108	1.68345	1.68345	3.78026	29.525	6.9425	1
cg20650802	0.485961	2.98361	2.98361	0.00618034	248.092	248.092	0.00647105	236.542	236.542	0.0657531	24.2455	24.2455	5.16564	173.375	33.5632	1
cg23338650	0.721641	1.68682	1.68682	0.0135947	86.7054	86.7054	0.0127091	92.3773	92.3773	0.107686	13.0108	13.0108	3.49662	118.296	30.0725	1
cg12128262	0.0297949	1.86388	1.86388	0.0345853	1.82217	1.82217	0.545062	0.861444	-1.16084	0.764355	0.92941	-1.07595	5.14335	4.83013	0.834758	1
cg02987051	0.107418	1.31494	1.31494	0.552216	0.910551	-1.09824	0.482	1.11779	1.11779	0.39858	1.14416	1.14416	4.40815	1.69507	0.341806	1
cg08668412	0.162383	1.27304	1.27304	0.00334872	0.524064	-1.90816	0.292951	1.19313	1.19313	0.503837	1.11604	1.11604	4.05466	1.68211	0.368764	1
cg13471184	0.477633	0.760353	-1.31518	0.092097	2.02102	2.02102	0.127432	0.535009	-1.86913	0.536476	0.788576	-1.26811	10.8279	24.6932	2.02713	1
cg07320311	0.85617	1.08359	1.08359	0.455503	1.40101	1.40101	0.57364	1.2865	1.2865	0.000134003	24.8778	24.8778	17.2004	46.3917	2.35998	1
cg22801949	0.037068	1.80012	1.80012	0.0743833	1.62047	1.62047	0.000321966	0.243408	-4.10833	0.938085	1.01904	1.01904	13.2804	12.4012	0.83004	1
cg27176729	0.50559	0.852349	-1.17323	0.0423417	1.73851	1.73851	0.303427	1.28673	1.28673	0.270399	0.762304	-1.31181	12.8714	11.4029	0.787473	1
cg07969646	0.00477299	1.86698	1.86698	0.0660827	1.40999	1.40999	0.000186703	0.349578	-2.86059	0.486903	1.12493	1.12493	12.6367	5.55806	0.390964	1
cg24915511	0.00741836	2.66815	2.66815	0.863889	1.05003	1.05003	0.290847	0.73205	-1.36603	0.00263248	3.26946	3.26946	6.96358	8.92983	1.13988	1
cg16244220	0.864358	0.932191	-1.07274	0.767998	1.12917	1.12917	0.276187	0.628027	-1.59229	0.346332	1.48925	1.48925	12.6789	30.1038	2.37432	1
cg16592623	0.158497	1.41732	1.41732	4.44E-05	0.166936	-5.99033	0.746231	1.07802	1.07802	0.734772	1.08185	1.08185	10.0477	8.51886	0.753638	1
cg02068689	5.54E-05	1.80657	1.80657	1.56E-05	0.494621	-2.02175	0.0692068	1.17384	1.17384	0.950859	1.00487	1.00487	45.4315	4.47238	0.0875041	1
cg13109865	0.259761	0.72896	-1.37182	0.606863	0.869727	-1.14979	0.309235	0.753532	-1.32708	0.0256865	2.03928	2.03928	5.09634	5.83693	1.01806	1
cg06508976	0.353663	0.886423	-1.12813	0.15452	0.824871	-1.21231	0.321093	1.13827	1.13827	0.387015	0.894025	-1.11854	5.01157	1.26681	0.224691	1
cg14405643	0.133396	1.12945	1.12945	0.10554	1.1422	1.1422	0.0735713	1.16182	1.16182	0.2182	1.10229	1.10229	3.88923	0.348235	0.0795896	1
cg00082235	0.984597	0.997646	-1.00236	0.341421	1.12715	1.12715	0.813055	0.97149	-1.02935	0.000710036	1.87704	1.87704	6.59201	1.55633	0.209861	1
cg01979888	0.383306	1.06137	1.06137	0.00126752	0.730994	-1.368	0.705548	1.02561	1.02561	0.962184	1.00316	1.00316	4.69838	0.330276	0.0624851	1
cg06743312	0.217147	1.3525	1.3525	0.0535229	0.600544	-1.66516	0.046729	1.69812	1.69812	0.107297	1.50496	1.50496	4.68813	4.01517	0.761293	1
cg26860613	0.520637	0.818208	-1.22218	0.013687	0.390826	-2.55869	0.0363924	2.11599	2.11599	0.789688	0.920929	-1.08586	4.16594	6.2647	1.3367	1
cg24853956	0.543778	0.934825	-1.06972	0.00256599	0.632158	-1.58188	0.813486	1.02626	1.02626	0.0547275	1.26996	1.26996	4.10461	0.781986	0.169346	1
cg00363813	0.0628537	0.751668	-1.33037	0.129653	0.799868	-1.25021	0.0593957	1.33677	1.33677	0.00718678	1.60526	1.60526	3.45339	1.01748	0.261897	1
cg13549277	0.00900215	1.63529	1.63529	0.00196325	1.9118	1.9118	0.00368221	1.78851	1.78851	0.214336	0.823985	-1.21361	9.16347	3.1829	0.308752	1
cg10838410	0.441348	0.713265	-1.402	0.851223	1.08416	1.08416	0.00954418	4.10751	4.10751	0.573358	0.782793	-1.27748	9.06444	26.592	2.6077	1
cg02149069	0.0840551	1.58515	1.58515	0.0207446	1.9562	1.9562	0.00273522	2.70935	2.70935	0.58317	1.14289	1.14289	6.39503	5.88254	0.817654	1
cg23729277	0.583086	1.09253	1.09253	0.0423672	1.45243	1.45243	0.0342401	1.48346	1.48346	0.32465	1.17631	1.17631	4.17246	1.68418	0.358793	1
cg27299526	0.0655642	1.56399	1.56399	0.00205814	2.55872	2.55872	0.71296	1.08325	1.08325	0.779469	1.06263	1.06263	3.71839	2.75804	0.659315	1
cg01702347	0.782801	0.946351	-1.05669	0.55729	1.12573	1.12573	0.247269	1.27302	1.27302	0.857063	1.03663	1.03663	3.6357	2.29272	0.560545	1
cg17229929	0.116243	0.619608	-1.61392	0.0128101	0.420242	-2.37958	0.6329	0.873766	-1.14447	0.289345	1.36126	1.36126	3.46556	4.31602	1.10703	1
cg20809997	0.0863568	0.728928	-1.37188	3.79E-05	0.267247	-3.74185	0.586435	0.912406	-1.096	0.617134	0.919328	-1.08775	7.81823	3.44852	0.392077	1
cg14014854	0.106471	1.25104	1.25104	0.00031644	2.09875	2.09875	0.20243	0.842823	-1.18649	0.254402	0.859661	-1.16325	7.56926	1.93553	0.227298	1
cg15675456	0.178405	0.708918	-1.4106	0.00350873	2.59268	2.59268	0.0013292	3.07397	3.07397	0.571605	1.14745	1.14745	7.01935	6.43588	0.815001	1
cg17735028	0.802421	0.943483	-1.0599	0.182558	0.720185	-1.38853	0.021571	1.89717	1.89717	0.00230184	0.372138	-2.68718	5.03029	4.28982	0.758042	1
cg10992634	0.0186557	1.49661	1.49661	0.551441	0.918321	-1.08894	0.333244	1.15158	1.15158	0.581507	0.924298	-1.0819	4.52136	1.43187	0.281502	1
cg03420970	0.0750163	0.538132	-1.85828	0.0794899	0.544253	-1.83738	0.580172	1.19078	1.19078	0.0149322	0.392414	-2.54833	4.17031	6.4513	1.37508	1
cg05626128	0.47316	1.22639	1.22639	0.0723481	0.570692	-1.75226	0.722235	1.10499	1.10499	0.0223295	0.464955	-2.15074	3.46619	4.29505	1.10145	1
cg21406461	0.551625	0.915272	-1.09257	0.000400083	0.436952	-2.28858	0.0304587	1.45333	1.45333	0.0120871	0.631311	-1.584	14.3207	4.90088	0.304199	1
cg01342196	0.501182	1.3607	1.3607	0.000299729	0.0704048	-14.2036	0.295452	1.63145	1.63145	0.0623068	0.38804	-2.57705	7.98402	25.7357	2.86524	1
cg24539090	0.731218	1.05252	1.05252	0.000292513	2.40194	2.40194	0.169435	1.24269	1.24269	0.659351	1.06807	1.06807	6.15029	2.14637	0.31021	1
cg19939130	0.711807	1.05796	1.05796	0.0554288	1.39045	1.39045	0.0705331	1.35916	1.35916	0.083236	1.33797	1.33797	3.8013	1.3878	0.324521	1
cg22335802	0.225304	1.41599	1.41599	0.130712	0.64034	-1.56167	0.0671882	1.7512	1.7512	0.153146	0.658478	-1.51865	3.48286	4.11501	1.05023	1
cg20597486	0.980594	1.01347	1.01347	0.00037373	0.0436711	-22.8984	0.298781	1.80864	1.80864	0.0824519	0.347005	-2.88181	6.92967	33.2268	4.2621	1
cg07463059	0.961994	1.03415	1.03415	0.00595799	0.0793756	-12.5983	0.990548	0.991688	-1.00838	0.0633062	0.229569	-4.35599	5.64669	44.4007	6.98945	1
cg14352715	0.0424095	1.25215	1.25215	0.0163103	0.753869	-1.32649	0.000218044	0.552589	-1.80966	0.0377437	0.793078	-1.26091	11.128	1.63126	0.130303	1
cg03447547	0.016328	0.347478	-2.87788	0.00457642	0.256872	-3.89299	0.0254728	0.384462	-2.60104	0.0107753	0.315582	-3.16875	5.86579	12.0416	1.82475	1
cg10778971	0.00792317	0.3189	-3.13578	0.00561281	0.295131	-3.38833	0.0577493	0.4867	-2.05465	0.00395777	0.272333	-3.67197	8.84699	15.7833	1.5858	1
cg24979161	0.00365468	0.403464	-2.47854	0.0121898	0.486156	-2.05695	0.607545	1.12706	1.12706	8.27E-05	0.194541	-5.14031	25.6369	21.6472	0.750558	1
cg14184786	0.000240943	0.679693	-1.47125	0.000395016	1.4314	1.4314	0.215072	1.08648	1.08648	0.0838815	1.12927	1.12927	15.522	0.99298	0.0568645	1
cg16333156	0.841522	1.07284	1.07284	0.811145	0.919363	-1.08771	0.741206	0.890119	-1.12345	0.363966	1.38772	1.38772	10.0518	19.6374	1.73655	1
cg21206949	0.206842	1.15975	1.15975	0.0167213	0.722402	-1.38427	0.0159407	1.38897	1.38897	0.0886026	0.811293	-1.2326	7.583	1.48844	0.174476	1
cg06887170	0.041997	2.23398	2.23398	0.362686	1.37837	1.37837	0.239706	1.52544	1.52544	0.4989	1.26549	1.26549	3.80363	7.08741	1.65629	1
cg05365578	0.0299763	0.786953	-1.27072	0.025108	0.778807	-1.28402	0.710321	1.03563	1.03563	0.0479682	1.23633	1.23633	3.69979	0.515942	0.123957	1
cg15577634	0.000855535	0.360694	-2.77244	4.12E-05	0.203648	-4.91044	0.269218	0.791158	-1.26397	0.0430462	0.622528	-1.60635	26.4005	17.3308	0.583516	1
cg15825970	0.00714012	0.43834	-2.28134	0.00243354	0.36726	-2.72287	0.000778246	0.299135	-3.34297	0.00247775	0.368393	-2.71449	10.1388	9.04884	0.793326	1
cg26152923	0.111921	0.606296	-1.64936	0.0201586	0.44483	-2.24805	0.00525842	0.345129	-2.89747	0.0131595	0.411214	-2.43182	6.25279	8.27479	1.17633	1
cg07533630	0.88233	0.963617	-1.03776	0.1386	0.671024	-1.49026	0.00636632	0.411239	-2.43167	0.110149	0.646815	-1.54604	4.56654	4.5285	0.881485	1
cg13549667	0.0899437	0.613826	-1.62913	0.175931	1.45607	1.45607	0.0554233	0.567273	-1.76282	0.125359	0.648468	-1.5421	4.25784	4.59782	0.959865	1
cg24078767	0.137336	0.758826	-1.31782	0.691203	0.933459	-1.07128	0.871553	0.972479	-1.0283	0.00866176	0.561512	-1.78091	7.64255	3.60014	0.418725	1
cg23847415	0.000103209	0.0263213	-37.9921	0.488577	1.40335	1.40335	0.904304	1.05949	1.05949	0.788335	1.13807	1.13807	8.39129	30.0329	2.78371	1
cg02452732	0.0241431	0.178605	-5.59896	0.0345557	0.206182	-4.85009	0.109938	0.327495	-3.05349	0.10416	0.320399	-3.12111	3.96076	25.7469	5.77822	1
cg20163324	0.0346808	0.394171	-2.53697	0.0304442	0.382252	-2.61608	0.166719	0.57269	-1.74614	0.0869629	0.489366	-2.04346	3.76531	8.5241	2.01231	1
cg22281505	0.0710352	0.46964	-2.12929	0.0272476	0.375599	-2.66241	0.224407	0.619855	-1.61328	0.149898	0.560731	-1.78339	3.83364	8.52744	1.97722	1
cg07107453	0.00528947	0.373091	-2.68031	0.00855935	0.406749	-2.45852	0.367651	0.780219	-1.28169	0.0041065	0.35611	-2.80812	15.9258	18.1416	1.01256	1
cg01079652	0.094123	0.458669	-2.18022	0.000184061	0.0688079	-14.5332	0.0162964	0.288259	-3.4691	0.00388853	0.192738	-5.18839	7.1792	20.3912	2.52473	1
cg13304609	0.680211	1.18723	1.18723	0.825277	0.91251	-1.09588	0.543279	1.29018	1.29018	0.0534626	0.403206	-2.48012	4.37078	11.87	2.41401	1
cg27315157	0.0396584	0.373284	-2.67892	0.00238044	0.173002	-5.78028	0.0610936	0.417179	-2.39705	0.000942331	0.129614	-7.7152	10.5567	28.6868	2.41546	1
cg07806674	0.123147	0.672459	-1.48708	0.0839063	1.57526	1.57526	0.0258496	1.87505	1.87505	0.0857578	1.57015	1.57015	13.1315	11.7396	0.79467	1
cg01911529	0.691158	0.949004	-1.05374	0.243435	1.17349	1.17349	0.0711811	0.767839	-1.30236	0.0408206	0.733833	-1.36271	8.51423	2.31679	0.241874	1
cg12551635	0.0233875	1.86767	1.86767	0.000193902	4.24818	4.24818	0.0188825	1.92673	1.92673	0.0076305	2.20575	2.20575	8.39468	7.07121	0.748751	1
cg10957680	0.00223655	0.573017	-1.74515	0.00988343	0.654399	-1.52812	0.255753	1.16687	1.16687	0.0605549	1.31687	1.31687	6.04872	1.62098	0.238211	1
cg08237898	0.0149113	0.430695	-2.32183	0.00340833	0.326366	-3.06404	0.583791	0.85585	-1.16843	0.142032	0.641385	-1.55913	5.13831	6.44167	1.11436	1
cg00695077	0.676216	1.0422	1.0422	0.284404	0.896332	-1.11566	0.0394722	0.791025	-1.26418	0.010372	1.37401	1.37401	4.96237	0.761282	0.136365	1
cg02771619	0.995433	0.998982	-1.00102	0.0316216	0.638585	-1.56596	0.0420119	0.658997	-1.51746	0.455506	1.14486	1.14486	4.25023	2.13231	0.44595	1
cg04405266	0.114038	1.45918	1.45918	0.713666	0.922189	-1.08438	0.0977382	0.670771	-1.49082	0.120029	1.44876	1.44876	4.136	3.1647	0.680142	1
cg07898857	0.352197	1.14414	1.14414	0.116859	0.78693	-1.27076	0.653001	0.938329	-1.06572	0.611736	0.930532	-1.07465	3.53766	1.10842	0.278506	1
cg03538095	0.0529177	1.49345	1.49345	0.0185216	0.594094	-1.68324	0.290985	0.818899	-1.22115	0.398232	0.854105	-1.17082	5.32785	2.8051	0.467998	1
cg07348311	5.94E-05	0.314632	-3.17832	3.29E-05	0.285013	-3.50862	0.0100325	0.60294	-1.65854	9.02E-05	0.336167	-2.97471	35.8952	13.7767	0.341157	1
cg00531628	0.02484	0.382271	-2.61594	0.00838477	0.297444	-3.36198	0.181488	0.600077	-1.66645	0.0260239	0.38631	-2.58859	5.51422	11.3207	1.82488	1
cg05552874	0.923064	0.954686	-1.04746	0.616816	1.27402	1.27402	0.00566604	5.71126	5.71126	0.118849	2.25392	2.25392	6.62829	24.1929	3.24439	1
cg26974214	0.912686	0.976567	-1.024	0.215226	0.754269	-1.32579	0.0132199	1.94243	1.94243	0.438448	1.18631	1.18631	4.49618	3.32785	0.65791	1
cg15019617	0.513972	1.08652	1.08652	0.099069	0.797157	-1.25446	0.26052	1.15851	1.15851	0.35998	1.12524	1.12524	3.47258	0.86447	0.221281	1
cg23037265	0.0128582	1.65589	1.65589	0.0088972	1.72195	1.72195	0.196232	0.800029	-1.24996	0.259311	0.825201	-1.21183	9.64902	4.07335	0.375246	1
cg23205949	0.534107	0.880013	-1.13635	0.000971137	2.70874	2.70874	0.817807	1.04795	1.04795	0.809045	0.952044	-1.05037	4.8392	3.15796	0.58007	1
cg11055449	0.0268889	0.575573	-1.7374	0.36403	0.82154	-1.21723	0.290649	0.793662	-1.25998	0.00720674	0.481492	-2.07688	4.10918	2.89019	0.6252	1
cg15974642	0.0945961	0.657842	-1.52012	0.382796	0.815462	-1.2263	0.871257	0.963707	-1.03766	0.690252	1.0956	1.0956	3.69804	3.04279	0.731387	1
cg06376949	0.0876285	0.642246	-1.55704	0.000579521	0.286512	-3.49026	0.000970611	0.315698	-3.16758	0.175557	0.713004	-1.40252	10.2071	8.91575	0.776428	1
cg24049838	0.0207191	0.567303	-1.76273	0.00712004	0.492854	-2.029	0.05308	1.56418	1.56418	0.0343921	1.65243	1.65243	8.53912	5.60268	0.583217	1
cg23555592	0.406346	1.39081	1.39081	0.0402399	0.398375	-2.5102	0.354726	1.44735	1.44735	0.29207	0.65408	-1.52887	5.04543	12.0514	2.12318	1
cg22139878	0.0894741	0.669909	-1.49274	0.702488	1.08558	1.08558	0.0519986	0.623122	-1.60482	0.084675	1.50383	1.50383	4.30568	3.12184	0.64449	1
cg01355957	0.0845872	1.28477	1.28477	0.00420432	0.604357	-1.65465	0.586194	1.07487	1.07487	0.137541	1.23378	1.23378	3.93457	1.07526	0.24292	1
cg15154797	0.0646412	1.68852	1.68852	0.000394602	0.24061	-4.1561	0.874909	1.04057	1.04057	0.347418	0.783334	-1.27659	6.22661	5.58447	0.896872	1
cg23570810	0.264262	1.18327	1.18327	0.0178853	0.65953	-1.51623	6.43E-06	0.233445	-4.28367	0.0146977	0.647704	-1.54391	18.0996	5.99522	0.29443	1
cg03038262	0.345917	0.864034	-1.15736	0.378384	0.872782	-1.14576	0.000652947	0.455345	-2.19614	0.00407948	0.559712	-1.78663	8.7561	3.1435	0.319117	1
cg11694510	0.00174985	0.291495	-3.43059	0.150359	0.653092	-1.53118	0.0143678	0.434332	-2.30239	0.0496524	0.538567	-1.85678	5.01833	6.06952	1.07508	1
cg08275025	0.270988	0.735323	-1.35995	0.202487	1.43472	1.43472	0.034986	0.517309	-1.93308	0.0148421	0.44754	-2.23444	4.89844	5.5832	1.01315	1
cg14967066	0.37595	1.20764	1.20764	0.0022018	2.43811	2.43811	0.281257	1.26179	1.26179	0.215591	0.762898	-1.31079	4.88288	3.33423	0.606969	1
cg01886988	0.986677	0.994569	-1.00546	0.952355	1.01968	1.01968	0.0827721	0.534382	-1.87132	0.10904	1.76832	1.76832	4.05775	6.83731	1.49778	1
cg10552523	0.00769752	0.251703	-3.97294	0.783422	0.894943	-1.11739	0.00527423	0.227233	-4.40076	0.166996	0.552391	-1.81031	3.87627	9.96308	2.28469	1
cg09237521	0.289534	1.11978	1.11978	9.15E-05	2.05292	2.05292	0.327089	0.901121	-1.10973	0.877175	0.984209	-1.01604	7.86823	1.3198	0.1491	1
cg17990365	0.513229	1.29361	1.29361	0.269365	1.56296	1.56296	0.280539	1.54572	1.54572	0.0158169	0.317337	-3.15123	3.93061	9.38365	2.12207	1
cg01779447	0.121148	0.689672	-1.44996	0.000430087	0.291832	-3.42663	0.490192	1.1676	1.1676	0.435263	0.838634	-1.19242	8.68916	6.72564	0.688024	1
cg02039276	0.439384	0.848103	-1.1791	0.338641	1.22882	1.22882	0.00554277	0.467021	-2.14123	0.795393	0.947158	-1.05579	5.36466	3.70816	0.614417	1
cg01306985	0.407033	0.761672	-1.3129	0.0779021	0.533217	-1.87541	0.027324	2.31203	2.31203	0.881409	0.953214	-1.04908	5.21037	8.5017	1.45039	1
cg10600786	0.377539	0.827779	-1.20805	0.0197001	0.555429	-1.80041	0.0969825	1.46267	1.46267	0.426038	0.843944	-1.18491	4.78583	3.3028	0.613441	1
cg01800614	0.0769314	1.4783	1.4783	0.399151	0.842369	-1.18713	0.020004	0.572422	-1.74696	0.691832	0.92388	-1.08239	3.57097	2.23359	0.555988	1
cg09172362	0.384387	1.13563	1.13563	0.639012	1.0697	1.0697	0.00016814	0.401218	-2.49241	1.16E-05	0.265644	-3.76444	31.8685	10.2649	0.286313	1
cg24503261	0.00857748	0.564846	-1.7704	0.18355	1.27173	1.27173	0.00202	0.476186	-2.10002	3.27E-05	0.252918	-3.95385	16.74	7.69502	0.408604	1
cg08437786	0.0230695	0.597045	-1.67492	0.00198494	0.436469	-2.29111	0.00183282	0.431633	-2.31678	0.000411357	0.344884	-2.89953	13.2994	7.58812	0.507165	1
cg07586868	0.443874	1.14057	1.14057	0.00268424	0.497025	-2.01197	0.00500819	0.534886	-1.86956	0.00540444	0.539578	-1.8533	11.5391	5.18838	0.399676	1
cg00369241	0.0052137	0.180623	-5.5364	0.283957	0.596429	-1.67664	0.0276257	0.298463	-3.3505	0.00023764	0.0592304	-16.8832	10.4099	35.5374	3.03448	1
cg09232564	0.255678	0.757115	-1.3208	0.0252745	1.86588	1.86588	0.00325031	0.390215	-2.56269	0.00132417	0.334517	-2.98938	9.11962	7.94143	0.774051	1
cg00714343	0.380604	1.25814	1.25814	0.505923	1.18808	1.18808	0.45695	1.21341	1.21341	0.00494987	0.38665	-2.58632	7.17351	7.40718	0.917844	1
cg26152754	0.324651	0.738944	-1.35328	0.144462	0.627342	-1.59403	0.00449412	0.324131	-3.08517	0.00300449	0.298124	-3.35431	5.91105	8.28228	1.24547	1
cg24018756	0.456494	0.799724	-1.25043	0.637938	1.14991	1.14991	0.0468282	0.511368	-1.95554	0.00144777	0.257593	-3.8821	5.71469	7.86045	1.22265	1
cg14620839	0.0904762	0.593867	-1.68388	0.0405877	0.516562	-1.93588	0.00107125	0.259226	-3.85763	0.00363861	0.333198	-3.00122	7.94455	9.81929	1.09865	1
cg06680863	3.32E-05	0.366537	-2.72824	0.0791586	0.784334	-1.27497	0.465536	0.911594	-1.09698	0.000238113	0.468373	-2.13505	21.7867	5.35972	0.218674	1
cg11130955	0.000720634	0.329763	-3.03248	3.26E-06	0.0932383	-10.7252	0.330588	0.805375	-1.24166	0.136444	0.707571	-1.41329	19.1677	14.111	0.654391	1
cg15461781	0.0118856	0.26491	-3.77486	0.0772945	0.43566	-2.29537	0.737456	1.15296	1.15296	0.0938294	0.458645	-2.18034	5.63923	15.9852	2.51968	1
cg15758700	0.374562	0.650536	-1.53719	0.000970606	0.0986634	-10.1355	0.171908	1.9858	1.9858	0.0949632	0.420793	-2.37647	4.71984	16.6356	3.13298	1
cg01713938	0.0587592	0.441377	-2.26564	0.443797	1.34866	1.34866	0.0607674	0.444924	-2.24758	0.0400503	0.402902	-2.48199	4.17353	9.70147	2.06624	1
cg00474004	0.00865763	0.401577	-2.49018	0.616463	0.871388	-1.14759	0.128964	0.639374	-1.56403	9.73E-05	0.151278	-6.61033	14.7524	17.3642	1.04626	1
cg18403613	0.176297	0.617031	-1.62066	0.000496813	0.160349	-6.2364	0.117922	0.565393	-1.76868	0.0176924	0.379479	-2.63519	7.99769	14.288	1.58801	1
cg15669228	0.815595	1.14205	1.14205	0.00407344	0.111679	-8.95421	0.0605577	0.300259	-3.33045	0.00751715	0.141435	-7.07037	4.28219	21.9238	4.55089	1
cg06121323	0.339745	1.10328	1.10328	0.0115595	0.729461	-1.37088	0.1796	0.867289	-1.15302	0.00649841	1.42383	1.42383	4.55272	0.719494	0.140477	1
cg14352951	0.836985	1.04171	1.04171	0.000388327	0.325574	-3.0715	0.655144	1.09326	1.09326	0.866417	0.967159	-1.03396	4.52484	2.8192	0.553822	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00622702	IFNAR1	0.02537	0.772	0.922407	-1.08412	0.0443909	0.526305	-1.90004	0.0237974	0.472375	-2.11696	0.967432	1.01141	1.01141	0.00263627	0.314413	-3.18053
cg17725807	IFNAR2;IFNAR2;IFNAR2	0.00018173	0.648736	0.869939	-1.14951	0.000733117	0.210326	-4.75453	0.852643	0.945074	-1.05812	0.491285	0.80865	-1.23663	2.25E-06	0.02983	-33.5232
cg21292957	IFNAR2;IFNAR2;IFNAR2	0.00400151	0.341689	0.867796	-1.15234	0.395697	1.13416	1.13416	0.629464	1.0729	1.0729	0.128464	0.788349	-1.26847	0.263932	0.844898	-1.18357
cg18656581	IFNAR2;IFNAR2;IFNAR2	0.00881894	0.237143	1.20006	1.20006	0.231822	0.831389	-1.20281	0.41149	1.13163	1.13163	0.777952	0.959226	-1.04251	0.00992147	0.619006	-1.61549
cg20215695	IFNAR2;IFNAR2;IFNAR2	0.010185	0.00133724	0.173449	-5.76538	0.00756117	0.282517	-3.53961	0.996262	1.00166	1.00166	0.26688	0.662942	-1.50843	0.00379412	0.234999	-4.25534
cg17977197	IFNAR2;IFNAR2;IFNAR2	0.0289069	0.0343541	4.08411	4.08411	0.00864076	6.74354	6.74354	0.250173	1.98386	1.98386	0.104289	2.75203	2.75203	0.945159	0.961542	-1.04
cg26227465	IFNG	3.11E-05	0.00218919	0.581959	-1.71834	0.021398	1.41675	1.41675	4.24E-05	0.374885	-2.66748	7.07E-06	0.286048	-3.49592	0.000123449	0.430099	-2.32505
cg05224770	IFNG	4.48E-05	1.92E-05	0.0868326	-11.5164	0.000244231	0.181426	-5.5119	0.00022651	0.178001	-5.61794	0.000536364	0.219506	-4.55569	2.81E-05	0.0982889	-10.1741
cg20890145	IFNG	0.0233192	0.863878	1.03335	1.03335	0.00639341	0.507473	-1.97055	0.00944485	0.533201	-1.87546	0.0106494	0.54125	-1.84757	0.156739	0.748594	-1.33584
cg01940810	IFNG	0.0257565	0.971654	1.01953	1.01953	0.0942891	0.367346	-2.72223	0.0112077	0.177247	-5.64183	0.0644295	0.322683	-3.09902	0.0168236	0.204302	-4.8947
cg12640631	IFNG	0.0446321	0.694063	1.15252	1.15252	0.193426	0.610092	-1.6391	0.0142088	0.337507	-2.9629	0.0104825	0.314511	-3.17953	0.0438079	0.435164	-2.29798
cg00848007	IFNG;IFNG	3.35E-05	0.00507601	0.577891	-1.73043	0.00097497	0.483714	-2.06734	2.74E-06	0.188804	-5.29651	5.13E-05	0.32545	-3.07267	8.66E-06	0.239064	-4.18298
cg25543316	IFNGR1	0.0103996	0.102371	2.36621	2.36621	0.39535	0.657426	-1.52108	0.815996	1.11886	1.11886	0.585852	1.30355	1.30355	0.000215582	0.0510198	-19.6002
cg22669060	IFNGR2	0.00102389	0.000396502	0.0766018	-13.0545	0.12691	2.12132	2.12132	0.0453726	0.351484	-2.84508	0.370253	1.52064	1.52064	4.67E-05	0.0302135	-33.0978
cg17356733	IFNGR2	0.0150891	0.0175625	0.253727	-3.94125	0.0152372	4.1142	4.1142	0.828653	1.10835	1.10835	0.79426	1.13206	1.13206	0.00189815	0.123853	-8.07411
cg23508786	IFNGR2;IFNGR2	0.0405405	0.000845497	0.243724	-4.10301	0.77729	1.08305	1.08305	0.411102	0.789422	-1.26675	0.460188	0.809339	-1.23558	0.0825843	0.582236	-1.71752
cg20891917	IFRD1	0.0313741	0.228148	0.681876	-1.46654	0.920966	0.970406	-1.0305	0.0906412	0.568751	-1.75824	0.853768	0.94568	-1.05744	0.000691713	0.208548	-4.79506
cg08627377	IFRD1;IFRD1	0.000240755	0.452989	1.11734	1.11734	6.39E-05	0.344057	-2.90649	0.000106674	0.370702	-2.69759	0.0166483	1.52855	1.52855	0.637271	0.933392	-1.07136
cg14711428	IFRD1;IFRD1	0.000402571	0.598109	1.11009	1.11009	0.313998	0.815092	-1.22685	0.402966	1.18299	1.18299	0.0942866	1.43499	1.43499	0.216351	0.774575	-1.29103
cg05911990	IFRD1;IFRD1	0.00240211	0.137572	0.720213	-1.38848	0.492863	1.15366	1.15366	0.309261	1.24106	1.24106	0.232553	0.773417	-1.29296	3.68E-05	0.196008	-5.10183
cg15542968	IFRD1;IFRD1	0.0184194	0.474345	0.763872	-1.30912	0.019782	2.83448	2.83448	0.00569976	3.82751	3.82751	0.557168	0.80268	-1.24583	0.102914	0.516583	-1.9358
cg27416189	IFRD1;IFRD1	0.0205774	0.220622	0.843298	-1.18582	0.00142249	1.84212	1.84212	0.094494	1.27541	1.27541	0.084511	0.77682	-1.2873	0.54388	1.08471	1.08471
cg25646888	IFRD2	0.00030089	3.11E-06	0.0815695	-12.2595	0.120841	0.683348	-1.46338	0.359392	1.23774	1.23774	0.248779	0.761202	-1.31371	0.015127	0.508867	-1.96515
cg08083213	IFRD2	0.00139525	0.821926	0.95024	-1.05237	0.991584	0.997615	-1.00239	0.117638	0.680609	-1.46927	0.00128799	0.345707	-2.89262	6.25E-05	0.188239	-5.31239
cg01388775	IFRD2	0.0251468	0.209929	0.879327	-1.13723	0.105166	1.18805	1.18805	0.494814	1.0698	1.0698	0.0365038	1.26687	1.26687	0.848302	1.01881	1.01881
cg21071815	IFRD2	0.0458033	0.0658129	1.38955	1.38955	0.909971	0.982135	-1.01819	0.779332	1.04578	1.04578	0.280234	1.19588	1.19588	0.354172	1.16406	1.16406
ch.3.2567129F	IFT122;IFT122;IFT122;IFT122	0.00499891	0.000333138	0.473182	-2.11335	0.166661	0.826481	-1.20995	0.00239176	0.578695	-1.72802	0.0590005	0.759131	-1.31729	0.00991939	0.656387	-1.52349
cg19796351	IFT122;IFT122;IFT122;IFT122	0.0393988	0.0180776	0.388005	-2.57729	0.161432	0.610748	-1.63734	0.0476726	0.473927	-2.11003	0.0668118	0.507864	-1.96903	0.117279	0.570662	-1.75235
cg03061024	IFT122;IFT122;IFT122;MBD4;IFT122;IFT122;IFT122;IFT122;IFT122	0.0357922	0.95091	1.0092	1.0092	0.0636451	1.36386	1.36386	0.0025861	1.86168	1.86168	0.95702	0.992011	-1.00805	0.103573	1.30335	1.30335
cg08063784	IFT122;IFT122;MBD4;IFT122;IFT122	0.00292388	0.0565363	1.3313	1.3313	0.00482447	1.64154	1.64154	0.000334254	2.15344	2.15344	0.0374667	1.37717	1.37717	0.213467	0.840587	-1.18964
cg24273718	IFT122;IFT122;MBD4;IFT122;MBD4;IFT122	0.0420459	0.441924	1.09375	1.09375	0.0120952	0.699384	-1.42983	0.0118556	1.43195	1.43195	0.462007	0.917985	-1.08934	0.736634	1.03933	1.03933
cg23064060	IFT122;MBD4;IFT122;IFT122;IFT122	0.0254658	0.00767701	0.274533	-3.64255	0.289758	1.51373	1.51373	0.13082	0.540336	-1.8507	0.270456	0.64861	-1.54176	0.795522	1.10295	1.10295
cg27503499	IFT140	1.90E-05	0.000228426	0.434853	-2.29963	0.0754332	0.764012	-1.30888	4.37E-06	0.236886	-4.22145	0.00220993	0.558021	-1.79205	0.00190998	0.549981	-1.81824
cg05823577	IFT140	0.000235328	0.672862	0.930948	-1.07417	0.740262	0.94549	-1.05765	0.00213978	0.483518	-2.06818	0.894313	0.977855	-1.02265	7.01E-06	0.187224	-5.34119
cg10166735	IFT140	0.000343625	0.621067	0.90396	-1.10624	4.70E-05	0.211147	-4.73604	0.000856899	0.362527	-2.75842	0.559828	1.12691	1.12691	0.65663	0.913324	-1.0949
cg10146249	IFT140	0.000402893	7.50E-06	0.194904	-5.13073	0.0840894	1.3732	1.3732	0.108667	1.33688	1.33688	0.121597	0.756936	-1.32112	0.794753	0.957664	-1.04421
cg07122009	IFT140	0.000468699	0.335107	1.21746	1.21746	0.24333	0.785318	-1.27337	0.251031	0.788668	-1.26796	0.205884	1.30233	1.30233	0.0659792	0.664764	-1.50429
cg00082833	IFT140	0.000926888	0.682662	0.922775	-1.08369	0.0369579	0.622689	-1.60594	0.0134755	1.81862	1.81862	0.10092	1.42086	1.42086	0.00283726	0.447756	-2.23336
cg01873729	IFT140	0.001707	0.626315	0.930205	-1.07503	5.54E-05	0.330908	-3.02198	0.0625303	0.734141	-1.36214	0.249732	0.83748	-1.19406	0.927126	0.986603	-1.01358
cg08235889	IFT140	0.00292766	0.0162686	0.520751	-1.9203	0.654965	1.10504	1.10504	0.713708	1.08526	1.08526	0.0094341	0.48161	-2.07637	9.87E-05	0.215382	-4.64291
cg04604752	IFT140	0.00475979	0.500133	0.875951	-1.14162	0.0101734	1.87227	1.87227	0.893613	1.02623	1.02623	0.816182	0.955941	-1.04609	0.000408411	0.337391	-2.96392
cg09546272	IFT140	0.00591443	0.00276065	0.240962	-4.15004	0.161286	0.597139	-1.67465	0.00273448	0.240397	-4.15978	0.170862	0.604966	-1.65299	0.00103359	0.187274	-5.33977
cg02580209	IFT140	0.0075121	0.726744	0.892805	-1.12006	0.373019	0.744115	-1.34388	0.224192	1.51083	1.51083	0.0648661	0.511677	-1.95436	0.00159325	0.231252	-4.32428
cg04051962	IFT140	0.00780385	0.0918874	1.43386	1.43386	0.000243724	0.307939	-3.24739	0.123646	0.723354	-1.38245	0.0719572	1.47712	1.47712	0.108418	0.711701	-1.40508
cg07019252	IFT140	0.0120805	0.639117	0.93535	-1.06912	0.309335	0.861676	-1.16053	0.000574483	0.47039	-2.1259	0.635868	0.934734	-1.06982	0.00903728	0.625263	-1.59933
cg03590668	IFT140	0.0121495	0.799595	0.950625	-1.05194	0.289385	0.803406	-1.2447	0.000219741	3.40681	3.40681	0.77946	1.05747	1.05747	0.749962	0.938341	-1.06571
cg08669954	IFT140	0.0122951	0.01779	0.294649	-3.39387	0.0189162	0.299553	-3.33831	0.0235098	0.31749	-3.14971	0.990583	0.995007	-1.00502	0.0040535	0.194665	-5.13703
cg01994902	IFT140	0.0144553	0.114944	0.562072	-1.77913	0.0548474	0.480993	-2.07903	0.00458734	0.281302	-3.55489	0.120705	0.567988	-1.7606	0.0081902	0.320734	-3.11785
cg09502619	IFT140	0.0149765	0.00295295	0.243662	-4.10405	0.690054	0.870505	-1.14876	0.554553	0.813176	-1.22975	0.115951	0.553709	-1.806	0.00139176	0.201359	-4.96624
cg07620114	IFT140	0.0170598	0.840058	0.939889	-1.06396	0.000975698	0.222036	-4.50378	0.490925	1.23943	1.23943	0.981019	0.992728	-1.00733	0.0857513	0.558447	-1.79068
cg01960979	IFT140	0.0186962	0.0574492	0.474769	-2.10629	0.586163	1.20994	1.20994	0.0346415	0.425758	-2.34875	0.985622	1.00627	1.00627	0.00114154	0.190454	-5.25062
cg09534489	IFT140	0.0193128	0.739664	0.916854	-1.09069	0.000999258	3.56817	3.56817	0.0250706	2.00118	2.00118	0.691798	0.901481	-1.10929	0.516808	1.1866	1.1866
cg04590303	IFT140	0.0207908	0.0060683	0.41495	-2.40993	0.0484083	1.73945	1.73945	0.0566984	0.588914	-1.69804	0.022937	1.95017	1.95017	0.423935	0.81835	-1.22197
cg03081743	IFT140	0.0209416	0.328314	0.845392	-1.18288	0.107207	1.34004	1.34004	0.328397	0.845418	-1.18285	0.0409122	1.4811	1.4811	0.00943109	1.72934	1.72934
cg16327326	IFT140	0.0284805	0.0530625	0.693509	-1.44194	0.277256	1.207	1.207	0.301396	1.19516	1.19516	0.165337	0.781622	-1.27939	0.506903	0.893944	-1.11864
cg02981208	IFT140	0.0290896	0.066434	0.710886	-1.4067	0.13568	1.30549	1.30549	0.00334314	0.515803	-1.93873	0.794684	1.04418	1.04418	0.0948701	0.737646	-1.35566
cg04118519	IFT140	0.0297091	0.211098	0.621908	-1.60796	0.120057	0.544482	-1.83661	0.00639048	0.278264	-3.59371	0.0104474	0.312841	-3.19651	0.00576549	0.271396	-3.68465
cg26438705	IFT140	0.0309606	?	?	?	0.0454788	0.46683	-2.14211	0.109364	0.566313	-1.76581	0.265165	0.689414	-1.45051	0.130052	1.70021	1.70021
cg27631766	IFT140	0.0315088	0.596569	1.06596	1.06596	0.000839751	1.8233	1.8233	0.178084	1.18661	1.18661	0.90849	1.01384	1.01384	0.839923	0.976108	-1.02448
cg01042641	IFT140	0.0332895	0.340144	0.696235	-1.4363	0.143381	0.560378	-1.78451	0.00358984	0.234003	-4.27345	0.716145	0.874157	-1.14396	0.00393494	0.239582	-4.17393
cg00209206	IFT140	0.0347781	0.826477	0.920481	-1.08639	0.177553	0.582288	-1.71736	0.0324002	0.388562	-2.57359	0.624521	1.20463	1.20463	0.00141441	0.174882	-5.71815
cg04635340	IFT140	0.0430323	0.00174614	0.416232	-2.40251	0.420919	1.17527	1.17527	0.0413726	0.62995	-1.58743	0.932817	1.0167	1.0167	0.142818	0.733915	-1.36256
cg03860982	IFT140	0.0453668	0.965088	0.979353	-1.02108	0.0145692	4.19635	4.19635	0.19005	1.9378	1.9378	0.876408	0.928499	-1.07701	0.0688558	0.378874	-2.6394
cg17706173	IFT140	0.0453908	0.248827	0.635592	-1.57334	0.0219168	2.81164	2.81164	0.506913	0.77635	-1.28808	0.548576	0.795949	-1.25636	0.0162389	0.331151	-3.01977
cg02010347	IFT140;CRAMP1L	0.0260764	0.257327	0.913165	-1.09509	0.00875842	0.773691	-1.29251	0.0147872	0.794154	-1.2592	0.499738	0.948718	-1.05405	0.00492449	0.751082	-1.33141
cg10444556	IFT140;CRAMP1L	0.0322796	0.0638248	0.804346	-1.24325	0.9241	0.990091	-1.01001	0.0332044	0.770922	-1.29715	0.0525245	0.79423	-1.25908	0.0745958	0.812556	-1.23068
cg26940518	IFT140;TMEM204	6.31E-05	0.000228804	0.278977	-3.58452	0.234729	1.29659	1.29659	0.00030932	0.294984	-3.39002	0.00185857	0.398133	-2.51172	3.04E-05	0.182732	-5.4725
cg16460816	IFT140;TMEM204	0.000357838	0.167135	0.808101	-1.23747	0.00047066	2.21448	2.21448	0.0114813	0.632855	-1.58014	0.382284	0.878416	-1.13841	8.77E-05	0.361581	-2.76563
cg05977523	IFT140;TMEM204	0.00671713	0.000759324	0.281164	-3.55665	0.434027	0.819993	-1.21952	0.0228008	0.507938	-1.96875	0.0127996	0.463606	-2.157	0.0280104	0.524498	-1.90658
cg01822102	IFT140;TMEM204	0.0155073	0.314371	0.84506	-1.18335	0.0113577	1.66997	1.66997	0.0328982	1.49742	1.49742	0.953649	1.00945	1.00945	0.00315627	0.520629	-1.92075
cg02730055	IFT140;TMEM204	0.0224117	0.605702	1.17143	1.17143	0.0291427	2.18406	2.18406	0.216711	0.6737	-1.48434	0.36966	1.32306	1.32306	0.0440282	0.49503	-2.02008
cg00977403	IFT140;TMEM204	0.0346613	0.061812	0.220876	-4.52743	0.00441352	0.0653183	-15.3096	0.147318	0.327448	-3.05392	0.0246424	0.146419	-6.82971	0.155747	0.336053	-2.97572
cg02662604	IFT140;TMEM204	0.037504	0.683366	1.12485	1.12485	0.649752	0.877084	-1.14014	0.0705376	1.7857	1.7857	0.354289	0.760794	-1.31442	0.0367783	0.498611	-2.00557
cg07484727	IFT140;TMEM204	0.0377202	0.466466	1.36444	1.36444	0.0743147	2.30213	2.30213	0.580186	1.26398	1.26398	0.109329	0.480902	-2.07943	0.0030668	0.182673	-5.47426
cg08006309	IFT140;TMEM204	0.0479351	0.0520083	0.394737	-2.53333	0.0155026	3.48508	3.48508	0.595589	1.25263	1.25263	0.850386	1.08264	1.08264	0.0138013	0.278095	-3.59589
cg21604741	IFT172	0.000541384	0.000525451	0.282252	-3.54293	4.06E-05	0.159808	-6.25752	0.0970157	0.652848	-1.53175	0.0941875	0.650007	-1.53845	0.000331236	0.257548	-3.88277
cg18418059	IFT172	0.00104098	0.990523	0.997964	-1.00204	0.145894	1.30728	1.30728	0.01421	1.68058	1.68058	0.000117697	3.18074	3.18074	0.00395867	0.514215	-1.94471
cg04552940	IFT172	0.00315132	0.000206057	0.24091	-4.15092	0.777284	0.937135	-1.06708	0.317794	0.789446	-1.26671	0.0800796	1.55987	1.55987	0.234599	1.3301	1.3301
cg19301206	IFT172	0.0145273	0.0740102	0.378277	-2.64357	0.0175506	0.20667	-4.83864	0.567093	0.77735	-1.28642	0.690676	0.841087	-1.18894	0.00686311	0.12592	-7.94158
cg07507200	IFT172	0.0245485	0.313165	0.882964	-1.13255	0.0141269	1.43528	1.43528	0.426865	1.10164	1.10164	0.076114	1.26552	1.26552	0.831986	0.97497	-1.02567
cg25138311	IFT172	0.0394861	?	?	?	0.0898672	6.02933	6.02933	?	?	?	0.51221	1.82862	1.82862	0.0242304	0.0651173	-15.3569
cg26334832	IFT52	0.000160814	0.844589	0.950393	-1.0522	2.04E-05	9.31433	9.31433	5.72E-05	6.92987	6.92987	0.839991	0.94894	-1.05381	0.0163605	0.467274	-2.14007
cg08618693	IFT52	0.000183008	0.701949	0.936038	-1.06833	0.0281711	1.56141	1.56141	0.356243	0.849489	-1.17718	0.333194	0.842321	-1.1872	1.94E-06	0.131078	-7.58583
cg03539340	IFT52	0.00146182	0.00682234	0.425456	-2.35042	0.000967323	0.301863	-3.31276	0.0447314	0.57015	-1.75393	0.498341	0.845681	-1.18248	0.000947993	0.300703	-3.32554
cg04319732	IFT57	3.63E-06	4.45E-05	0.306879	-3.25861	1.33E-05	0.248082	-4.03092	0.117403	1.2966	1.2966	0.144385	0.78704	-1.27058	0.000960295	0.471839	-2.11936
cg11390468	IFT57	7.78E-05	0.000880464	1.39119	1.39119	0.104831	0.889254	-1.12454	0.0141958	0.818453	-1.22182	0.000255242	1.49015	1.49015	0.017455	1.21119	1.21119
cg10134889	IFT57	0.019003	0.237355	1.31502	1.31502	0.108206	0.678622	-1.47357	0.0829096	0.653911	-1.52926	0.534523	0.87009	-1.14931	0.00112083	0.345975	-2.89038
cg05005380	IFT74;IFT74;PLAA	0.0282281	0.0755192	0.584907	-1.70967	0.0191684	2.15599	2.15599	0.00924433	2.44851	2.44851	0.9279	0.975766	-1.02484	0.561198	0.852777	-1.17264
cg27322545	IFT74;IFT74;PLAA	0.0375797	0.805848	0.955774	-1.04627	0.216181	1.27007	1.27007	0.251504	1.24615	1.24615	0.0510711	1.50401	1.50401	0.316142	1.2097	1.2097
cg23720974	IFT80	0.00784146	0.500089	0.853382	-1.17181	0.0880228	0.646581	-1.5466	0.653065	0.900501	-1.11049	0.284658	1.29359	1.29359	0.00065382	0.298189	-3.35357
cg01394089	IFT80;IFT80;SMC4;SMC4	0.0224434	0.36817	0.769886	-1.29889	0.010487	0.40199	-2.48762	0.125712	1.59807	1.59807	0.60455	1.15929	1.15929	0.220443	0.694556	-1.43977
cg21413448	IFT80;SMC4	0.00142736	0.0263732	0.633249	-1.57916	0.291331	0.826979	-1.20922	0.0164857	1.66254	1.66254	0.000264074	0.353497	-2.82887	0.127041	0.751019	-1.33152
cg03803818	IFT81;IFT81	0.00505975	0.00796112	0.291996	-3.42471	0.00446079	0.253494	-3.94487	0.00272886	0.223778	-4.46871	0.00512173	0.262323	-3.81209	0.0118664	0.32093	-3.11594
cg11930390	IFT81;IFT81;IFT81	7.52E-05	0.0376599	1.6208	1.6208	1.81E-05	5.7702	5.7702	0.011584	1.88178	1.88178	2.90E-06	9.38635	9.38635	0.99212	0.998024	-1.00198
cg03698892	IFT81;IFT81;IFT81	0.000792068	0.376293	1.23953	1.23953	0.234252	0.744611	-1.34298	0.051945	1.68706	1.68706	0.00200343	2.80497	2.80497	0.0312221	0.549998	-1.81819
cg03204177	IFT81;IFT81;IFT81	0.00889063	0.561292	0.920644	-1.0862	0.0240272	0.684613	-1.46068	0.934797	0.988548	-1.01158	0.738176	0.953875	-1.04836	0.00112309	0.509093	-1.96428
cg10236261	IFT81;IFT81;IFT81	0.0304734	0.0211431	0.073243	-13.6532	0.00896208	0.0435363	-22.9693	0.0241523	0.0792603	-12.6167	0.0725553	0.151206	-6.6135	0.0525204	0.125099	-7.99369
cg13928594	IFT81;IFT81;IFT81	0.0331901	0.161196	1.2322	1.2322	0.0396218	0.717461	-1.39381	0.0797942	0.762405	-1.31164	0.0842847	0.76606	-1.30538	0.521986	1.09478	1.09478
cg04965246	IFT81;IFT81;IFT81;IFT81;IFT81;IFT81	0.0198403	0.567796	0.930603	-1.07457	0.124972	1.22981	1.22981	0.72257	1.0454	1.0454	0.721923	1.04551	1.04551	0.224055	0.852922	-1.17244
cg02476274	IFT88;IFT88	0.00834239	0.611984	1.0746	1.0746	0.0565012	1.35486	1.35486	0.0230766	0.682368	-1.46549	0.0118482	0.642792	-1.55571	0.000653199	0.479545	-2.08531
cg05916509	IFT88;IFT88	0.0210134	0.679012	1.07723	1.07723	0.0670433	1.44339	1.44339	0.0103497	1.78143	1.78143	0.0986699	1.38228	1.38228	0.136183	1.33251	1.33251
cg05844409	IFT88;IFT88	0.0224655	0.760164	1.07646	1.07646	0.273859	0.760331	-1.31522	0.222306	0.734447	-1.36157	0.55737	0.866929	-1.1535	0.000550262	0.274976	-3.63668
cg22079616	IFT88;IFT88	0.0321817	0.862044	0.973514	-1.02721	0.00185266	1.97767	1.97767	0.926637	0.985888	-1.01431	0.33289	1.16667	1.16667	0.199027	1.23299	1.23299
cg05622300	IFT88;IFT88	0.0375424	0.0293011	0.436832	-2.28921	0.122722	0.583059	-1.71509	0.06211	0.507883	-1.96896	0.0321529	0.445076	-2.24681	0.0035377	0.279325	-3.58005
cg16547450	IFT88;IFT88	0.0396451	0.38597	1.17069	1.17069	0.0168029	0.596085	-1.67761	0.417212	0.863286	-1.15837	0.0848762	1.40195	1.40195	0.148621	1.31614	1.31614
cg01779512	IFT88;IFT88;IFT88;IFT88	0.00411686	0.27544	1.33747	1.33747	0.119047	1.54276	1.54276	0.255652	0.737771	-1.35543	0.00288307	0.349836	-2.85848	0.00103937	0.288073	-3.47134
cg16249894	IFT88;IFT88;IFT88;IFT88	0.0349218	0.0195317	0.494382	-2.02273	0.0675257	1.66737	1.66737	0.023459	1.96524	1.96524	0.0896935	0.626911	-1.59512	0.712499	0.911757	-1.09678
cg25280589	IGBP1	0.00235093	0.368034	1.15386	1.15386	0.0116243	1.62941	1.62941	0.0332981	0.680417	-1.46969	0.00276136	0.52778	-1.89473	0.00221041	0.514844	-1.94234
cg00713642	IGBP1	0.00587771	0.548466	1.17768	1.17768	0.00461645	0.362321	-2.75998	0.000752687	0.252456	-3.96109	0.513622	0.83659	-1.19533	0.00137085	0.286281	-3.49308
cg13140681	IGBP1	0.00623504	0.298136	0.752519	-1.32887	0.0453956	0.546049	-1.83134	0.0887793	0.60963	-1.64034	0.0295256	0.508841	-1.96525	0.000218384	0.196915	-5.07833
cg26555966	IGDCC3	0.00151436	0.0159757	0.71056	-1.40734	0.013813	0.702941	-1.42259	0.0101609	0.686946	-1.45572	0.0391017	0.758373	-1.31861	0.000419114	0.523179	-1.91139
cg25172835	IGDCC3	0.0238364	0.386842	0.835038	-1.19755	0.203129	0.761066	-1.31395	0.682466	0.919802	-1.08719	0.510789	0.873225	-1.14518	0.0219094	1.74868	1.74868
cg23168483	IGDCC3	0.0461008	0.266688	0.80778	-1.23796	0.408353	0.855565	-1.16882	0.478658	1.14209	1.14209	0.242941	1.25282	1.25282	0.126434	1.35659	1.35659
cg23671997	IGDCC4	0.000260734	0.0411423	1.34085	1.34085	0.000172381	2.21289	2.21289	0.423717	1.10706	1.10706	0.017403	0.697365	-1.43397	0.039462	1.34519	1.34519
cg13031948	IGDCC4	0.000313258	0.00199141	0.479831	-2.08407	0.000214079	0.353505	-2.82882	0.000855051	0.43059	-2.32239	0.0141507	0.600937	-1.66407	0.00984194	0.577643	-1.73117
cg26579713	IGDCC4	0.000667202	0.000624088	0.221902	-4.50649	0.0423895	0.512314	-1.95193	0.000419742	0.201933	-4.95214	0.000637477	0.223002	-4.48427	0.10547	1.65872	1.65872
cg20985399	IGDCC4	0.00146118	0.554014	1.13615	1.13615	0.00266941	2.42456	2.42456	0.287177	1.26575	1.26575	0.406845	0.834483	-1.19835	0.0189187	1.83337	1.83337
cg07361154	IGDCC4	0.0052115	0.0378148	0.336451	-2.97221	0.00568458	0.193875	-5.15796	0.0382145	0.337447	-2.96343	0.022953	0.292177	-3.42258	0.00311722	0.160668	-6.22401
cg20796298	IGDCC4	0.00539534	0.246782	0.768062	-1.30198	0.110263	1.46117	1.46117	0.0479661	0.61103	-1.63658	0.122405	0.694368	-1.44016	0.000337731	0.283966	-3.52155
cg00776960	IGDCC4	0.00596206	0.0919867	1.71296	1.71296	0.265124	1.4007	1.4007	0.531	0.831825	-1.20218	0.59074	1.1706	1.1706	0.0166254	2.33631	2.33631
cg06899985	IGDCC4	0.00908953	0.167042	1.93245	1.93245	0.0014427	7.84236	7.84236	0.0697127	2.47726	2.47726	0.598876	1.26793	1.26793	0.431835	1.43158	1.43158
cg13373318	IGDCC4	0.0185648	0.151512	0.734014	-1.36237	0.228414	0.7754	-1.28966	0.0292603	0.596413	-1.67669	0.00485284	0.471621	-2.12035	0.00383431	0.456445	-2.19085
cg18015194	IGDCC4	0.0210459	0.345048	0.880711	-1.13545	0.234758	0.849872	-1.17665	0.415236	1.11491	1.11491	0.13189	0.808632	-1.23666	0.00280258	1.71243	1.71243
cg25560775	IGDCC4	0.0298162	0.158087	0.447759	-2.23334	0.00227021	0.102954	-9.71304	0.00830185	0.165855	-6.02936	0.883776	0.925072	-1.081	0.0258962	0.244585	-4.08857
cg27570249	IGDCC4	0.0376979	0.255785	1.77727	1.77727	0.970011	0.981941	-1.01839	0.993384	1.00403	1.00403	0.430107	1.47759	1.47759	0.193583	1.94809	1.94809
cg18650670	IGDCC4	0.038221	0.13095	2.2103	2.2103	0.00172824	8.79272	8.79272	0.171064	2.03155	2.03155	0.659819	0.806204	-1.24038	0.212232	1.89462	1.89462
cg18973515	IGDCC4	0.0438731	0.00767726	0.201512	-4.96248	0.243206	0.56498	-1.76998	0.409277	0.673961	-1.48377	0.471023	1.40894	1.40894	0.00433037	0.168146	-5.94722
cg08182270	IGDCC4	0.0446425	0.0853008	1.87696	1.87696	0.00588786	3.29625	3.29625	0.0969122	1.82779	1.82779	0.633608	1.17227	1.17227	0.0489011	2.10508	2.10508
cg24118197	IGDCC4	0.0469723	0.976697	0.989377	-1.01074	0.0841374	0.497221	-2.01118	0.250478	0.644629	-1.55128	0.460827	1.31591	1.31591	0.187065	1.66749	1.66749
cg00776558	IGDCC4;IGDCC4	0.00760228	0.713133	0.843335	-1.18577	0.363782	0.6491	-1.54059	0.635065	1.24697	1.24697	0.826629	1.10647	1.10647	0.268516	0.585812	-1.70703
cg23046919	IGF1;IGF1;IGF1	0.0315183	0.061322	0.297439	-3.36203	0.00171291	0.0761745	-13.1278	0.0406835	0.256886	-3.89278	0.190015	0.450094	-2.22176	0.0783424	0.324737	-3.07941
cg16655193	IGF1;IGF1;IGF1	0.0328093	0.103472	0.714563	-1.39946	0.810906	0.955772	-1.04628	0.00935674	0.536878	-1.86262	0.268912	0.804682	-1.24273	0.10832	0.718482	-1.39182
cg12742178	IGF1;IGF1;IGF1;IGF1	0.00275955	0.057513	0.428338	-2.3346	0.0118266	0.289223	-3.45754	0.000761766	0.133542	-7.48826	0.00291901	0.19908	-5.0231	0.0121583	0.291272	-3.43321
cg27252197	IGF1;IGF1;IGF1;IGF1	0.0179504	0.794512	1.08621	1.08621	0.834057	1.06871	1.06871	0.00324108	0.262362	-3.81153	0.312846	1.39422	1.39422	0.00180925	0.225592	-4.43279
cg00264799	IGF1;IGF1;IGF1;IGF1	0.0215591	0.0417771	0.312273	-3.20233	0.61391	0.777004	-1.287	0.346552	0.618311	-1.61731	0.0373168	0.301591	-3.31575	0.00170353	0.108353	-9.22911
cg12553689	IGF1R	4.31E-07	1.32E-07	0.190432	-5.25121	0.0357543	0.784304	-1.27502	2.45E-06	0.320897	-3.11626	0.322202	0.903315	-1.10703	1.17E-07	0.185398	-5.39379
cg11341157	IGF1R	8.38E-06	9.92E-06	0.250056	-3.99911	4.78E-06	0.21701	-4.60807	0.00026687	0.417355	-2.39604	2.26E-05	0.289366	-3.45583	0.0789609	0.752134	-1.32955
cg21245492	IGF1R	1.08E-05	0.268993	1.13392	1.13392	0.149166	0.84462	-1.18396	0.101042	0.821975	-1.21658	0.011002	1.41658	1.41658	3.96E-07	0.205677	-4.86199
cg25859812	IGF1R	2.36E-05	0.0113255	1.3629	1.3629	2.84E-05	0.447889	-2.2327	2.42E-05	0.43994	-2.27304	0.0110301	1.36518	1.36518	0.00362526	1.46866	1.46866
cg16556504	IGF1R	8.40E-05	4.69E-06	0.231065	-4.32779	0.00169964	0.534703	-1.8702	0.00151767	0.528422	-1.89243	0.109228	0.783546	-1.27625	0.50517	0.909884	-1.09904

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00622702	0.016753	0.444119	-2.25165	0.322825	0.752844	-1.3283	0.277092	1.36922	1.36922	0.116421	0.622346	-1.60682	4.33501	5.30588	1.08797	1
cg17725807	0.0958374	0.573659	-1.74319	0.78705	0.921029	-1.08574	0.0150271	0.403283	-2.47965	0.967046	1.01263	1.01263	18.8541	27.5622	1.29944	1
cg21292957	0.371799	0.875713	-1.14193	4.52E-05	0.327317	-3.05514	0.737627	1.04986	1.04986	0.594866	0.925257	-1.08078	7.8516	2.60482	0.294895	1
cg18656581	0.132714	0.78751	-1.26982	0.0593578	1.3681	1.3681	0.00141779	1.97398	1.97398	0.0495746	1.39082	1.39082	6.15189	2.11259	0.305249	1
cg20215695	0.314767	1.44627	1.44627	0.447711	1.31528	1.31528	0.719181	0.880217	-1.13608	0.539216	1.246	1.246	6.67587	12.9078	1.50384	1
cg17977197	0.0494697	3.58917	3.58917	0.00635538	7.57631	7.57631	0.0137396	5.67859	5.67859	0.0763968	3.07648	3.07648	4.14094	21.3134	4.5751	1
cg26227465	0.0403431	0.741988	-1.34773	2.12E-05	0.339799	-2.94292	0.00155631	0.563776	-1.77375	0.13684	0.81715	-1.22377	30.1736	7.58744	0.22352	1
cg05224770	0.276182	0.72696	-1.37559	0.000205297	0.173589	-5.76073	0.00145614	0.274034	-3.64918	3.03E-05	0.100684	-9.93204	27.4099	34.4055	1.11575	1
cg20890145	0.535169	1.12756	1.12756	0.478461	0.871311	-1.1477	0.255736	1.2546	1.2546	0.0729707	0.682271	-1.46569	4.46359	2.58354	0.514491	1
cg01940810	0.0250366	0.234227	-4.26936	0.00618611	0.143149	-6.98571	0.0493545	0.294859	-3.39145	0.0377972	0.269419	-3.71169	4.31222	20.2442	4.17298	1
cg12640631	0.575624	1.22517	1.22517	0.828306	1.08111	1.08111	0.651474	1.17737	1.17737	0.0383883	0.42253	-2.3667	3.53637	7.22139	1.81514	1
cg00848007	0.0127113	0.632298	-1.58153	0.703832	0.945028	-1.05817	0.022617	0.667572	-1.49797	0.418559	0.884827	-1.13016	29.5825	10.2674	0.308512	1
cg25543316	0.465424	1.43037	1.43037	0.22466	1.8488	1.8488	0.662883	0.809491	-1.23534	0.890434	1.06867	1.06867	5.83691	21.4615	3.26832	1
cg22669060	0.999969	1.00002	1.00002	0.152873	0.497894	-2.00846	0.251121	0.579145	-1.72668	0.217316	0.553632	-1.80625	11.688	38.4109	2.92121	1
cg17356733	0.250583	1.76792	1.76792	0.405991	1.49704	1.49704	0.676851	1.22009	1.22009	0.472285	0.706812	-1.4148	5.17056	18.4466	3.17122	1
cg23508786	0.633076	1.14489	1.14489	0.55483	1.18299	1.18299	0.772311	0.921621	-1.08504	0.931193	1.02459	1.02459	3.66496	4.59395	1.1142	1
cg20891917	0.140347	0.618674	-1.61636	0.0669696	0.537089	-1.86189	0.7018	1.12351	1.12351	0.632541	0.864309	-1.15699	4.02218	5.83717	1.29	1
cg08627377	0.306017	1.16627	1.16627	0.0013091	1.97199	1.97199	0.178371	0.812593	-1.23063	0.344118	0.868113	-1.15192	17.4683	5.82732	0.296527	1
cg14711428	0.139217	1.36681	1.36681	8.18E-06	0.147703	-6.77035	0.90196	1.02449	1.02449	0.00787076	1.95318	1.95318	15.1734	9.26433	0.542725	1
cg05911990	0.153311	1.36865	1.36865	0.129373	0.714401	-1.39977	0.774247	0.942685	-1.0608	0.150859	0.729078	-1.37159	9.13875	6.09682	0.593013	1
cg15542968	0.0845043	0.493405	-2.02673	0.0620762	0.459475	-2.1764	0.155162	0.569399	-1.75624	0.178733	0.589275	-1.697	4.83747	10.5001	1.92941	1
cg27416189	0.0768435	0.770726	-1.29748	0.37688	0.886909	-1.12751	0.67455	0.945638	-1.05749	0.594436	1.07371	1.07371	4.65923	1.2926	0.246603	1
cg25646888	0.0280512	0.555836	-1.79909	0.026075	0.550113	-1.81781	0.0133513	0.499729	-2.00108	0.219629	0.746655	-1.33931	16.4368	13.3356	0.721177	1
cg08083213	0.00476979	0.428121	-2.33579	0.87438	0.964811	-1.03647	0.721463	0.922147	-1.08443	0.00386101	0.41421	-2.41424	10.7	8.68746	0.721703	1
cg01388775	0.0195242	0.759792	-1.31615	0.410835	1.08529	1.08529	0.0878587	0.832483	-1.20123	0.0112464	1.36217	1.36217	4.34837	0.652345	0.133352	1
cg21071815	0.0507374	0.701351	-1.42582	0.0361368	0.678178	-1.47454	0.0563249	1.41115	1.41115	0.0415241	1.45438	1.45438	3.50222	1.40875	0.357551	1
ch.3.2567129F	0.0136695	0.674245	-1.48314	0.834985	0.973401	-1.02733	0.707267	0.952412	-1.04997	0.707846	1.04986	1.04986	7.33909	1.94158	0.235158	1
cg19796351	0.0168513	0.382337	-2.61549	0.113673	0.566936	-1.76387	0.00577894	0.303505	-3.29484	0.0454902	0.469402	-2.13037	3.70372	6.37705	1.53049	1
cg03061024	0.296164	1.17494	1.17494	0.748467	1.04905	1.04905	0.184443	1.23308	1.23308	0.00654486	1.69169	1.69169	3.83589	1.3456	0.311816	1
cg08063784	0.0781255	0.771472	-1.29622	0.0344636	0.721139	-1.3867	0.279829	1.16058	1.16058	0.418609	1.11578	1.11578	8.62367	2.39985	0.247366	1
cg24273718	0.363074	0.898678	-1.11275	0.0525615	0.777329	-1.28646	0.339766	1.11901	1.11901	0.896119	1.01504	1.01504	3.61586	0.747988	0.183878	1
cg23064060	0.00182568	0.188014	-5.31875	0.973817	0.987693	-1.01246	0.330845	0.684839	-1.4602	0.498944	1.2956	1.2956	4.32932	9.76087	2.00409	1
cg27503499	1.23E-05	0.285249	-3.50571	4.15E-06	0.234644	-4.26177	0.317997	0.869035	-1.1507	0.000409523	0.466131	-2.14532	34.3147	10.0517	0.260381	1
cg05823577	0.00510826	1.86525	1.86525	0.0547712	1.44346	1.44346	0.261656	1.21801	1.21801	0.589	0.912193	-1.09626	17.5771	7.90251	0.399637	1
cg10166735	0.211088	1.30602	1.30602	0.119789	1.40776	1.40776	0.00540872	0.476233	-2.09981	0.000181319	0.277086	-3.60899	15.8491	10.3062	0.578019	1
cg10146249	0.0242298	0.640328	-1.5617	0.0878736	0.731571	-1.36692	0.573405	1.099	1.099	0.0904273	1.36285	1.36285	15.17	6.61502	0.387608	1
cg07122009	4.86E-05	0.220369	-4.53785	4.17E-05	0.213392	-4.6862	0.870739	0.968277	-1.03276	0.251498	0.788869	-1.26764	14.5489	9.02932	0.551662	1
cg00082833	5.84E-05	0.233202	-4.28813	0.176941	1.32394	1.32394	0.63209	1.09891	1.09891	0.105695	0.707832	-1.41276	12.0223	7.27875	0.538169	1
cg01873729	0.00957742	1.62201	1.62201	0.0699936	1.34811	1.34811	0.938278	0.988647	-1.01148	0.108169	0.772273	-1.29488	10.0958	3.47591	0.30604	1
cg08235889	0.102638	0.672625	-1.48671	0.18696	0.733003	-1.36425	0.00732449	0.464067	-2.15486	0.721334	1.08278	1.08278	8.62036	6.73194	0.694164	1
cg04604752	0.292969	1.23505	1.23505	0.0267084	1.66205	1.66205	0.288773	1.2375	1.2375	0.0529802	0.653411	-1.53043	7.44956	4.41802	0.527162	1
cg09546272	0.0113538	0.335414	-2.98139	0.00729812	0.303487	-3.29504	0.125488	0.564687	-1.77089	0.0331947	0.423978	-2.35861	6.96998	13.1126	1.67226	1
cg02580209	0.00122525	0.216872	-4.61101	0.142449	0.600761	-1.66455	0.0862049	1.84535	1.84535	0.194327	0.641623	-1.55855	6.47074	10.7041	1.47043	1
cg04051962	0.516658	0.880121	-1.13621	0.767745	0.944108	-1.0592	0.247717	0.79081	-1.26453	0.4218	0.852687	-1.17276	6.39386	3.81925	0.530961	1
cg07019252	0.0179222	0.665585	-1.50244	0.417844	1.12429	1.12429	0.14391	0.800774	-1.24879	0.0484454	0.726838	-1.37582	5.56141	1.76373	0.281899	1
cg03590668	0.818131	0.955188	-1.04691	0.569829	0.89197	-1.12111	0.296599	0.806213	-1.24037	0.14895	1.36082	1.36082	5.55114	3.48327	0.557767	1
cg08669954	0.118913	0.487852	-2.0498	0.00126728	0.136063	-7.34953	0.354022	0.667396	-1.49836	0.114309	0.48268	-2.07177	5.52969	15.7497	2.53174	1
cg01994902	0.0268912	0.414372	-2.41329	0.0156898	0.369587	-2.70573	0.53852	1.23282	1.23282	0.00610029	0.300238	-3.33069	5.24435	9.38285	1.59034	1
cg09502619	0.671345	0.862725	-1.15912	0.12438	0.562349	-1.77826	0.108554	1.83235	1.83235	0.566069	0.818166	-1.22225	5.18338	9.82624	1.68508	1
cg07620114	0.850002	0.943572	-1.0598	0.389541	0.762988	-1.31064	0.772116	1.09318	1.09318	0.00366022	0.299493	-3.33897	4.96365	7.39891	1.325	1
cg01960979	0.748305	1.11807	1.11807	0.0181293	0.369805	-2.70413	0.371538	0.727549	-1.37448	0.0423283	0.444553	-2.24945	4.8132	9.16135	1.69189	1
cg09534489	0.859764	0.95501	-1.04711	0.0762331	1.67111	1.67111	0.884083	1.03871	1.03871	0.0819778	0.605523	-1.65146	4.76069	5.10888	0.953901	1
cg04590303	0.549541	0.861882	-1.16025	0.775736	1.07263	1.07263	0.315315	1.29029	1.29029	0.086898	0.628696	-1.59059	4.64286	4.43074	0.848276	1
cg03081743	0.117869	1.32667	1.32667	0.00320152	1.95392	1.95392	0.395169	1.15599	1.15599	0.397361	0.865665	-1.15518	4.63143	2.03253	0.390093	1
cg16327326	0.00245521	0.495839	-2.01678	0.014264	0.604573	-1.65406	0.391527	0.864012	-1.15739	0.980541	0.995947	-1.00407	4.16273	1.82767	0.390271	1
cg02981208	0.15081	1.29079	1.29079	0.399978	1.15354	1.15354	0.120021	0.756085	-1.3226	0.215561	0.805668	-1.24121	4.13172	1.79837	0.386897	1
cg04118519	0.250683	0.648769	-1.54138	0.0368276	0.417204	-2.39691	0.813359	0.918275	-1.089	0.0897407	0.509524	-1.96262	4.10099	8.4402	1.82941	1
cg26438705	0.0753394	0.52201	-1.91567	0.0221562	2.5267	2.5267	0.672108	1.14409	1.14409	0.036585	2.24985	2.24985	5.11612	6.82868	1.00105	1
cg27631766	0.761847	1.03701	1.03701	0.0224694	1.38665	1.38665	0.597351	0.938252	-1.06581	0.999125	0.999869	-1.00013	4.01603	0.909328	0.201266	1
cg01042641	0.0409881	0.419522	-2.38366	0.313217	0.681011	-1.46841	0.484342	0.769706	-1.2992	0.0545009	0.447773	-2.23328	3.93767	8.45953	1.90965	1
cg00209206	0.216933	1.63281	1.63281	0.923633	0.964462	-1.03685	0.732018	1.13852	1.13852	0.809556	1.0954	1.0954	3.87604	8.74351	2.00514	1
cg04635340	0.0738699	0.676157	-1.47895	0.960055	0.990211	-1.00989	0.9449	0.986516	-1.01367	0.817744	0.955672	-1.04638	3.58485	2.19047	0.543144	1
cg03860982	0.0384123	0.318724	-3.13751	0.0393257	0.320951	-3.11574	0.782985	1.14066	1.14066	0.438189	0.685963	-1.45781	3.51482	12.648	3.19864	1
cg17706173	0.0406319	0.411167	-2.4321	0.0979092	0.505284	-1.97909	0.505909	1.28887	1.28887	0.166106	0.57395	-1.74231	3.51412	7.8671	1.98996	1
cg02010347	0.534801	0.952845	-1.04949	0.330599	0.925757	-1.0802	0.0919687	0.867145	-1.15321	0.137952	1.1306	1.1306	4.29367	0.401539	0.0831279	1
cg10444556	0.0631419	1.24412	1.24412	0.114838	0.83594	-1.19626	0.0118159	0.719976	-1.38893	0.0697997	0.809044	-1.23603	3.98146	0.688686	0.153754	1
cg26940518	0.00742149	0.487154	-2.05274	0.121315	0.704479	-1.41949	0.00018176	3.74492	3.74492	0.00568666	0.469349	-2.13061	25.0274	17.2381	0.612237	1
cg16460816	0.000320348	0.43061	-2.32229	0.341799	0.867871	-1.15224	0.230822	0.83372	-1.19944	0.0184156	0.661186	-1.51243	15.6736	5.19594	0.294676	1
cg05977523	0.0117269	0.457135	-2.18754	0.00324577	0.368616	-2.71285	0.0460724	0.566493	-1.76525	0.0138994	0.469757	-2.12876	6.70063	6.55921	0.870129	1
cg01822102	0.779258	0.955553	-1.04651	0.0694543	1.389	1.389	0.389434	0.867009	-1.15339	0.522303	0.900394	-1.11063	5.12394	2.12458	0.368566	1
cg02730055	0.0031833	0.29407	-3.40055	0.189603	1.52531	1.52531	0.328487	1.35861	1.35861	0.404655	0.771754	-1.29575	4.52504	6.6169	1.29981	1
cg00977403	0.709028	0.764038	-1.30884	0.00499079	0.0693934	-14.4106	0.489181	0.603839	-1.65607	0.165169	0.345433	-2.89491	3.88076	31.6845	7.25735	1
cg02662604	0.00560874	0.352311	-2.8384	0.138517	1.58011	1.58011	0.124099	0.620189	-1.61241	0.340806	0.754566	-1.32527	3.7712	4.91558	1.15862	1
cg07484727	0.853262	0.9253	-1.08073	0.05578	0.403044	-2.48112	0.452795	1.3781	1.3781	0.744012	0.871624	-1.14728	3.76329	10.4796	2.47527	1
cg08006309	0.11838	0.490228	-2.03987	0.978741	1.01127	1.01127	0.635984	1.222	1.222	0.50415	0.751995	-1.3298	3.44273	9.64059	2.48913	1
cg21604741	0.0820732	0.63699	-1.56988	0.00107384	0.322733	-3.09854	0.00735039	0.445375	-2.2453	0.176483	0.714343	-1.39989	13.9784	12.1331	0.77155	1
cg18418059	0.00746919	0.553697	-1.80604	0.200786	0.793023	-1.261	0.0808267	1.39414	1.39414	0.438891	1.14511	1.14511	11.6332	5.42692	0.41467	1
cg04552940	0.00226631	0.376097	-2.65889	0.753475	0.930406	-1.0748	0.509112	1.16572	1.16572	0.128325	1.45698	1.45698	8.43387	7.00207	0.737984	1
cg19301206	0.202984	1.84938	1.84938	?	?	?	0.00787235	7.34027	7.34027	?	?	?	12.2418	24.2985	1.13422	1
cg07507200	0.675009	1.0516	1.0516	0.307917	0.881684	-1.13419	0.00138995	1.73815	1.73815	0.464472	1.0929	1.0929	4.38491	0.988637	0.200412	1
cg25138311	0.52164	1.80312	1.80312	0.0252217	14.8941	14.8941	?	?	?	?	?	?	5.7009	37.2572	6.53533	1
cg26334832	0.05305	0.56558	-1.7681	0.0176137	0.472996	-2.11418	0.625371	1.13606	1.13606	0.986344	0.995573	-1.00445	19.4876	20.7435	0.946176	1
cg08618693	0.933078	0.985666	-1.01454	0.581665	1.10038	1.10038	0.468569	1.13516	1.13516	0.716249	1.06476	1.06476	18.8184	8.80744	0.41602	1
cg03539340	0.0593419	0.595083	-1.68044	0.000226547	0.22427	-4.4589	0.00130437	0.319322	-3.13163	0.246187	0.743993	-1.3441	10.5576	9.94193	0.837051	1
cg04319732	2.29E-06	0.171806	-5.82053	6.14E-07	0.123594	-8.09102	0.0438081	0.701942	-1.42462	7.87E-06	0.224173	-4.46084	52.7042	19.4716	0.3284	1
cg11390468	0.56902	1.03885	1.03885	1.41E-05	0.549125	-1.82108	0.00299332	0.76368	-1.30945	0.8459	1.01297	1.01297	23.6714	1.64383	0.0617278	1
cg10134889	0.68564	1.0942	1.0942	0.0580912	1.60616	1.60616	0.464299	0.848088	-1.17912	0.127969	0.694855	-1.43915	4.7868	3.71031	0.688989	1
cg05005380	0.0473339	0.540606	-1.84977	0.429903	1.24409	1.24409	0.213211	0.700946	-1.42664	0.286076	1.35027	1.35027	4.17583	4.85931	1.03438	1
cg27322545	0.754059	1.05943	1.05943	0.00349736	0.483005	-2.07037	0.134208	0.743293	-1.34536	0.309321	0.824269	-1.2132	3.76843	2.01374	0.474998	1
cg23720974	0.0972391	1.52433	1.52433	0.0103223	2.11379	2.11379	0.937799	1.01824	1.01824	0.120927	0.677367	-1.47631	6.3842	5.42453	0.755271	1
cg01394089	0.501814	0.824598	-1.21271	0.00397659	0.334361	-2.99078	0.11008	1.63677	1.63677	0.264721	1.3894	1.3894	4.52284	5.73364	1.12685	1
cg21413448	0.000835155	0.417975	-2.39249	0.34514	1.18377	1.18377	0.619722	0.916865	-1.09067	0.0435763	1.49571	1.49571	10.6303	5.06808	0.423786	1
cg03803818	0.00490524	0.25954	-3.85297	0.00412899	0.248647	-4.02176	0.0157113	0.342569	-2.91912	0.16309	0.58351	-1.71377	7.31202	15.1626	1.84325	1
cg11930390	0.0353884	1.63341	1.63341	0.0289149	1.67515	1.67515	0.00175698	2.44209	2.44209	0.0029717	2.2626	2.2626	23.8875	15.1767	0.564746	1
cg03698892	0.823387	0.948506	-1.05429	0.0260348	0.53542	-1.86769	4.34E-05	6.26735	6.26735	0.781779	1.06788	1.06788	12.5673	11.1326	0.787415	1
cg03204177	0.339865	1.14851	1.14851	0.004571	0.587708	-1.70152	0.0816646	1.31208	1.31208	0.347214	1.14596	1.14596	6.13613	1.92557	0.278941	1
cg10236261	0.257577	0.328241	-3.04654	0.00632053	0.0349833	-28.5851	0.151419	0.234721	-4.26038	0.0381435	0.103729	-9.64047	4.06415	57.2264	12.5162	1
cg13928594	0.0142304	1.52494	1.52494	0.289462	0.857765	-1.16582	0.332516	1.14969	1.14969	0.116481	1.26872	1.26872	3.94191	1.21558	0.274111	1
cg04965246	0.136017	0.818656	-1.22151	0.000460411	0.503215	-1.98722	0.964613	0.994489	-1.00554	0.719639	1.04592	1.04592	4.71739	1.15907	0.218402	1
cg02476274	0.102851	0.778011	-1.28533	0.839905	1.02886	1.02886	0.119429	0.788459	-1.2683	0.735538	0.953434	-1.04884	6.26091	1.96179	0.278524	1
cg05916509	0.836645	0.963762	-1.0376	0.121639	0.740816	-1.34986	0.00336537	2.04035	2.04035	0.262081	0.811341	-1.23253	4.62602	2.34176	0.449969	1
cg05844409	0.491525	1.18309	1.18309	0.103643	1.5346	1.5346	0.51987	0.854719	-1.16998	0.308229	0.775855	-1.2889	4.52131	4.14653	0.815207	1
cg22079616	0.799033	1.04016	1.04016	0.0205693	0.650172	-1.53805	0.94807	1.0101	1.0101	0.221696	1.21924	1.21924	3.98579	1.50348	0.335298	1
cg05622300	0.032549	0.446173	-2.24128	0.378422	0.747138	-1.33844	0.343986	0.730194	-1.3695	0.0291473	0.436369	-2.29164	3.76979	6.21247	1.46485	1
cg16547450	0.00912902	0.55586	-1.79901	0.211649	0.791904	-1.26278	0.74937	1.05848	1.05848	0.585836	0.907049	-1.10248	3.69524	1.84005	0.442624	1
cg01779512	0.0157433	0.468409	-2.13489	0.998353	1.00053	1.00053	0.15361	1.47926	1.47926	0.0111901	0.44277	-2.25851	7.78458	8.09765	0.924637	1
cg16249894	0.709578	0.910853	-1.09787	0.114007	0.65107	-1.53593	0.174872	0.697564	-1.43356	0.238363	1.36104	1.36104	3.87026	3.81868	0.877041	1
cg25280589	0.000860171	0.460895	-2.16969	0.866215	1.02644	1.02644	0.974044	1.00505	1.00505	0.199952	0.810932	-1.23315	9.19672	3.4894	0.33726	1
cg00713642	0.169596	0.6743	-1.48302	0.495019	1.20517	1.20517	0.963947	0.987899	-1.01225	0.449344	0.812499	-1.23077	6.98338	8.02365	1.0213	1
cg13140681	0.196563	0.697697	-1.43329	0.0059701	0.38768	-2.57945	0.557158	1.16944	1.16944	0.0258227	0.497718	-2.00917	6.85724	7.54811	0.978445	1
cg26555966	0.000265778	0.499784	-2.00086	0.16485	1.18724	1.18724	0.461229	1.09077	1.09077	0.0371122	0.755526	-1.32358	10.4509	2.22078	0.188886	1
cg25172835	0.166227	1.3499	1.3499	0.00246838	2.35255	2.35255	0.0943669	0.688165	-1.45314	0.459001	1.1656	1.1656	4.42987	2.8979	0.581486	1
cg23168483	0.0362051	1.56718	1.56718	0.00639345	0.519697	-1.9242	0.730862	1.06577	1.06577	0.262592	1.24043	1.24043	3.49372	1.88274	0.479017	1
cg23671997	0.799504	0.968814	-1.03219	0.0449969	0.750976	-1.3316	2.17E-05	2.89401	2.89401	0.0154083	1.44788	1.44788	17.0929	4.19514	0.218161	1
cg13031948	4.99E-05	0.277973	-3.59748	0.00687461	0.555062	-1.8016	0.831806	0.964856	-1.03642	0.000242208	0.360185	-2.77635	16.2565	7.28497	0.398335	1
cg26579713	0.484734	1.22525	1.22525	0.402336	1.2779	1.2779	0.13208	1.59206	1.59206	0.00197786	0.286374	-3.49193	13.1869	17.0967	1.15243	1
cg20985399	0.0106556	1.98315	1.98315	4.55E-05	5.17615	5.17615	0.0147486	1.8964	1.8964	0.906063	0.97514	-1.02549	10.5589	7.60462	0.640183	1
cg07361154	0.00108516	0.112912	-8.85643	0.00172189	0.132274	-7.56008	0.339312	0.640557	-1.56114	0.0441614	0.351444	-2.8454	7.24625	23.474	2.87953	1
cg20796298	0.907125	1.02576	1.02576	0.00288249	0.409434	-2.44239	0.5139	1.15516	1.15516	0.136757	0.705205	-1.41803	7.1697	5.39085	0.66835	1
cg00776960	0.0198031	2.26229	2.26229	0.000155696	6.54657	6.54657	0.0193598	2.27171	2.27171	0.276825	1.38845	1.38845	6.95276	9.27058	1.18522	1
cg06899985	0.0908469	2.30039	2.30039	0.00166455	7.47525	7.47525	0.00292439	6.22316	6.22316	0.803674	1.11784	1.11784	6.0932	19.3011	2.81568	1
cg13373318	0.233136	0.777582	-1.28604	0.11643	1.40956	1.40956	0.62714	0.906194	-1.10352	0.0431544	0.626162	-1.59703	4.82466	3.09402	0.570038	1
cg18015194	0.0702285	0.767713	-1.30257	0.456218	1.10419	1.10419	0.368131	0.886263	-1.12833	0.0211448	0.696221	-1.43633	4.62358	1.24924	0.240168	1
cg25560775	0.404106	0.634734	-1.57546	0.144148	0.433699	-2.30574	0.075207	0.348255	-2.87146	0.994026	0.996021	-1.00399	4.09576	18.3895	3.991	1
cg27570249	0.139484	2.16169	2.16169	0.000961925	10.8411	10.8411	0.0374153	3.22451	3.22451	0.108624	2.33577	2.33577	3.7641	14.0091	3.30824	1
cg18650670	0.143681	2.147	2.147	0.0226947	3.76796	3.76796	0.108671	2.34188	2.34188	0.794267	0.880649	-1.13553	3.74518	14.0289	3.32966	1
cg18973515	0.823614	0.900882	-1.11002	0.603682	1.27745	1.27745	0.478761	1.4003	1.4003	0.242577	0.56451	-1.77145	3.5591	12.3226	3.07758	1
cg08182270	0.0393882	2.20081	2.20081	0.0114869	2.84792	2.84792	0.0638786	1.99253	1.99253	0.456959	1.28498	1.28498	3.53606	6.13546	1.54232	1
cg24118197	0.00875624	0.294944	-3.39047	0.0656129	2.12865	2.12865	0.0923465	0.507959	-1.96866	0.238497	0.63672	-1.57055	3.46919	7.34577	1.88216	1
cg00776558	0.0305677	0.300557	-3.32715	0.000687528	13.0052	13.0052	0.0116513	4.51302	4.51302	?	?	?	7.52436	22.0498	2.56414	1
cg23046919	0.113169	0.371001	-2.69541	0.0170456	0.187702	-5.3276	0.0545956	0.285341	-3.50458	0.228788	0.483638	-2.06766	4.0156	21.0374	4.65682	1
cg16655193	0.797808	1.04964	1.04964	0.458244	1.15321	1.15321	0.00302544	0.46441	-2.15327	0.0619333	0.67252	-1.48694	3.95828	2.23293	0.501435	1
cg12742178	0.00344392	0.208472	-4.79682	0.0039369	0.2163	-4.62321	0.00921389	0.27124	-3.68677	0.00203992	0.179774	-5.56255	8.77265	21.644	2.19308	1
cg27252197	0.487061	0.799176	-1.25129	0.8425	1.06504	1.06504	0.181707	0.635636	-1.57323	0.0605906	0.505204	-1.9794	5.45335	8.48047	1.20952	1
cg00264799	0.139254	0.454183	-2.20176	0.608067	1.29246	1.29246	0.0272969	0.273789	-3.65245	0.0123328	0.21321	-4.6902	4.58565	17.8656	3.46309	1
cg12553689	0.0137758	0.738782	-1.35358	3.94E-07	0.236553	-4.22739	6.21E-06	0.366098	-2.73151	5.98E-05	0.478138	-2.09145	90.8838	14.2314	0.13919	1
cg11341157	0.908413	0.983336	-1.01695	0.317493	1.16286	1.16286	0.937808	0.98867	-1.01146	2.21E-06	0.184223	-5.42819	42.4761	14.3442	0.300177	1
cg21245492	0.0347036	1.30836	1.30836	0.0012898	1.66865	1.66865	0.000169651	2.01011	2.01011	0.0248388	1.33855	1.33855	39.7738	7.50739	0.16778	1
cg25859812	0.0903628	1.19985	1.19985	3.58E-05	2.1773	2.1773	0.105246	0.841293	-1.18865	0.1463	0.858771	-1.16445	32.4191	4.89437	0.134197	1
cg16556504	0.0129137	1.53888	1.53888	0.00620939	1.64592	1.64592	0.193227	0.825062	-1.21203	0.0010308	0.507056	-1.97217	23.1948	7.16569	0.274609	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1107 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg12746425	IGF1R	0.000162628	8.25E-06	1.192883	-6.13936	1.00394389	0.485159	-2.16118	3.63E-03	0.226833	4.46085	0.572662	0.899138	-1.11218	0.00201149	0.4436	-2.25428	0.0878714	0.703753	-1.43095	0.0722744	0.688444	-1.45255	0.00202902	0.449294	-2.22571	0.0290154	0.61878	-1.61608	19.4286	10.7038	0.4897713	1
cg19322380	IGF1R	0.00138401	0.000180348	0.166424	-6.00876	0.0310711	0.488716	-2.04618	8.57E-05	0.135961	-7.35503	0.604082	0.862442	-1.1595	0.0829228	0.5809006	-1.72145	0.4452572	0.802412	-1.24624	0.500935	0.824276	-1.21159	0.00866582	0.388066	-2.57688	0.588954	0.856989	-1.16688	10.7248	13.5935	1.12665	1
cg26329756	IGF1R	0.00182528	0.211081	1.07888	1.07888	0.0835809	1.116667	1.116667	0.65104	0.9741033	-1.02659	0.0438529	1.1428	1.1428	0.0013328	0.764281	-1.30842	0.001138	1.31754	1.31754	0.000758475	1.34197	1.34197	0.248778	1.07194	1.07194	0.540488	1.03635	1.03635	9.90164	0.5206091	0.0467442	1
cg23990557	IGF1R	0.00196057	0.367048	0.884291	-1.13085	0.180226	1.207861	1.207861	0.238848	1.17787	1.17787	0.140679	-1.22751	2.77E-05	0.33436	-2.99079	1.778447	0.804256	-1.24316	0.444595	1.108596	1.108596	0.530283	0.9190973	-1.08805	0.2125551	0.840097	-1.19034	9.69783	2.70494	0.2479731	1
cg17894803	IGF1R	0.00222504	0.007454453	0.648428	-1.54219	0.860559	1.02335	1.02335	0.0002596	2.12854	2.12854	0.008769621	0.657246	-1.5215	0.4030078	1.11358	1.111358	0.495328	0.916634	-1.09095	0.640754	1.06087	1.06087	0.058535	0.7643177	-1.30826	0.0240363	0.712915	-1.40269	9.34628	2.33976	0.2225225	1
cg00780909	IGF1R	0.00255921	0.551862	0.923445	-1.0829	0.3100108	0.870253	-1.14909	0.0331572	1.9003	1.9003	0.932851	1.01121	1.01113	0.00302186	1.712733	1.71232	0.101103	1.26816	1.26816	0.000130337	2.40878	2.40878	0.242406	0.8054548	-1.17571	0.207712	0.838803	-1.19217	8.96099	2.68725	0.246476	1
cg01090035	IGF1R	0.0028595	0.309802	0.843289	-1.18583	0.0484025	0.693682	-1.44158	0.2113958	0.8088415	-1.23638	0.479517	0.889965	-1.12364	3.75E-05	0.276802	-3.61269	0.227145	0.814136	-1.2283	0.134859	1.29877	1.29877	0.212585	0.8088229	-1.23727	0.100473	0.746909	-1.33885	8.68076	3.61593	0.3702662	1
cg25445805	IGF1R	0.00229956	0.00235549	0.544089	-1.8349	0.157211	0.802096	-1.24535	0.0002579582	0.476405	-2.12382	0.005121284	0.584837	-1.70934	0.0144805	0.6459213	-1.54806	0.300157	1.16851	1.16851	0.0467592	1.39129	1.39129	0.523742	0.9910533	-1.00826	0.9452781	0.716678	-1.39533	8.55843	2.85181	0.3290192	1
cg06331862	IGF1R	0.00379066	0.850881	1.02061	1.02061	0.2795994	0.884397	-1.13071	0.00294044	0.6422285	-1.55694	0.7428851	1.03633	1.03633	0.763413	0.9678061	-1.03326	0.774812	0.963698	-1.03158	0.0015598	2.01229	2.01229	0.666872	1.04806	1.04806	0.263795	1.13459	1.13459	8.01891	1.4923	0.1654211	1
cg15375596	IGF1R	0.00387102	0.100848	0.8232	-1.21477	0.0523278	0.787475	-1.26088	0.00740599	0.6883074	-1.45284	0.181004	0.857475	-1.16621	0.35866	1.10759	1.10759	0.539165	1.06963	1.06963	0.000259262	1.91681	1.91681	0.515999	1.07391	1.07391	0.487866	1.07929	1.07929	7.93039	1.47223	0.1650118	1
cg15903819	IGF1R	0.0040073	0.00948354	0.39441	-2.53514	0.0134413	0.401	-2.49351	0.0001	0.4145	-2.41359	0.00124	0.412044	2.883287	0.00918	2.112018	0.482	0.638104	1.0972	1.0972	0.0003962	1.64982	1.64982	0.41821	1.0972	1.0972	0.017583	2.015093	0.557268	1.79447	7.80978	4.74195	0.5397717	1
cg20388729	IGF1R	0.00167624	0.218874	-4.56884	0.880756	0.954184	-1.04802	0.0542941	0.477832	-2.09279	0.390636	0.74271	-1.34642	0.0183957	0.380139	-2.63061	1.37005	0.073505	1.73251	1.73251	0.000273146	0.133107	-7.51277	0.801082	1.08912	1.08912	0.123297	0.568634	-1.7586	7.02264	12.7182	1.6098	1
cg20097729	IGF1R	0.00627973	0.154523	1.29168	1.20368	0.0665977	0.778328	-1.28488	0.648511	0.915796	-1.08937	0.001545955	1.73999	1.73999	0.009588655	1.490326	1.49026	0.277344	1.14792	1.14792	0.001537575	1.61241	1.61241	0.169629	0.8349072	-1.19478	0.23858	1.16201	1.16201	6.84009	1.66351	0.2038319	1
cg04385934	IGF1R	0.00716564	0.188443	1.10751	1.10751	0.0819282	0.868277	-1.15171	0.0117219	1.25952	1.25952	0.681744	0.9700238	-1.03067	0.810868	1.01772	1.01772	0.00907701	1.784311	1.275	0.327829	0.886358	-1.12821	0.465232	1.05597	1.05597	0.001646691	1.39122	1.39122	6.5639	0.5581573	0.0755882	1
cg16753875	IGF1R	0.00721592	0.004908845	0.345065	-2.898	0.795266	0.928456	-1.07706	0.55632	1.08205	1.08205	0.927466	0.972554	-1.02796	0.56925	1.05504	1.05504	0.975367	0.991224	-1.00885	0.942854	0.514057	-1.94531	0.0255978	2.13206	2.13206	0.0189558	0.444367	-2.25039	6.52569	8.45745	1.14727	1
cg01021488	IGF1R	0.00724913	0.954187	1.07091	1.00763	0.8144153	0.759988	-1.15581	0.719658	1.0487	1.0487	0.608099	1.0705	1.0705	0.823388	1.023138	1.02313	0.194677	1.11444	1.11444	0.031933994	1.28848	1.28848	0.312242	1.14789	1.14789	0.001183594	1.35548	1.35548	6.5433	1.80411	0.2450884	1
cg26272088	IGF1R	0.00993113	0.0115999	0.28913	-3.45865	0.0566501	0.428105	-2.33588	0.0410497	0.395725	-2.52704	0.108097	0.501895	-1.99245	0.000568916	0.122587	-8.15748	0.013156	0.298495	-3.35014	0.0214656	0.337439	-2.9635	0.8909804	1.05545	1.05545	0.0564746	0.427778	-2.33765	5.92369	14.5067	2.17682	1
cg22707999	IGF1R	0.0101669	0.020104	0.698813	-1.43096	0.0307081	0.47833	-2.14383	0.0159643	1.50514	1.50514	0.06449	1.304787	1.304787	0.245435	2.263828	0.8614	-1.1609	0.387849	0.802822	-1.12604	0.928465	0.993151	-1.00669	0.9913505	0.841258	-1.1887	0.0110347	0.667051	-1.49914	5.87939	1.52777	0.2309779	1
cg07615383	IGF1R	0.00985891	0.5298825	1.07261	1.00763	0.6144553	0.00083492	0.0582436	-17.1693	0.1315564	0.460278	-2.48708	0.7641997	1.38553	1.38553	0.2216614	2.102108	-4.757432	0.301123	0.546933	-1.82838	0.003585902	0.103534	-9.647	0.0100827	0.162759	-6.14404	0.158328	0.426052	-2.34707	5.8716	2.9526	0.450562	1
cg08729686	IGF1R	0.01127776	0.756225	0.789281	-1.26698	0.0284561	0.140168	-7.13429	0.140134	0.299354	-3.34053	0.120627	0.278265	-3.59369	0.00291166	0.0446525	-22.3951	0.0766489	0.223934	-4.4656	0.00257087	0.0417344	-23.9611	0.00435938	0.0553455	-18.0683	0.0189102	0.115301	-8.67294	5.68662	52.0051	8.12903	1
cg24990808	IGF1R	0.01137226	0.338347	0.817098	-1.22384	0.1011611	0.469	-2.13175	0.0419	0.5439	-1.83895	0.1395	0.518963	1.13395	0.189863	1.357461	-1.2202	0.1054339	0.662263	1.51066	-1.43924	0.1323603	1.6699	1.6699	0.777149	1.28695	0.1644	1.6699	1.6699	0.0098	0.0009101002	0.363679	-2.74968	5.67214	3.76235	0.589697	1
cg27396346	IGF1R	0.01129802	0.140519	0.60741	-1.64004	0.0265419	0.273296	-3.65904	0.0106272	0.366995	-2.72483	0.528541	1.22047	1.22047	0.292158	1.710336	1.4064	0.227731	0.673619	-1.48452	0.0194359	0.414107	-2.41483	0.372241	0.753175	-1.33089	0.00210233	0.259293	-3.85664	5.43285	8.37763	1.37069	1
cg20199485	IGF1R	0.01193155	0.839072	0.886566	-1.12814	0.1331107	0.795424	-1.25677	0.5443	1.08589	-1.27153	0.18589	0.812598	1.23095	0.0574484	1.808295	1.231054	-4.328	0.194444	0.511211	-1.95603	0.0127494	0.0784795	12.74559	1.22405	0.2204651	-4.53586	0.0423903	0.2312303	0.702407	-1.42368	5.38778	9.76438	1.442979	1
cg17297216	IGF1R	0.0134308	0.4490858	0.750096	-1.33316	0.169868	0.541899	-1.84536	0.405004	1.42908	1.42908	0.181824	0.552175	-1.81102	0.0103646	0.258457	3.86912	0.824416	0.99759	1.09759	0.00141838	0.144398	-6.92532	0.00754119	0.236765	-4.2236	0.0270857	0.134033	-2.99371	5.37256	14.9419	2.47213	1
cg16904445	IGF1R	0.01456618	0.742338	0.889381	-1.12438	0.0502274	0.21049	-2.10149	0.476891	1.29305	1.29305	0.615421	1.1972	1.1972	0.00381236	0.133329	-7.50227	0.957715	0.981336	-1.01902	0.521538	1.25969	1.25969	0.299137	1.46578	1.46578	0.578671	0.8192375	-1.22059	5.23167	10.4624	1.77762	1
cg12486493	IGF1R	0.01573845	0.01223886	0.605662	-1.65105	0.0181225	0.114351	-1.11451	0.7125493	0.828645	-1.20784	0.2684	0.7068	1.249551	-1.4072	0.1102557	1.89	0.194717	0.834044	-1.1984	0.311242	1.14789	1.14789	0.0010193	1.2284	1.2284	0.0048935	1.3548	1.3548	6.5433	1.80411	0.2450884	1
cg27139419	IGF1R	0.01700141	0.0702063	0.386305	-2.58862	0.452814	0.697999	-1.43267	0.132281	0.465978	-2.14602	0.23781	0.55916	-1.7884	0.382314	0.656262	-1.52378	0.413896	0.675259	-1.48091	0.0006911484	0.0876208	-11.4128	0.117106	2.22607	2.22607	0.0182864	0.260175	-3.84357	4.96909	17.3922	3.11119	1
cg20613818	IGF1R	0.01776822	0.697807	0.932296	-1.07233	0.5108007	0.14841	-1.19841	0.3807	1.18745	1.18745	0.185445	0.839315	-1.2048	0.4919798	1.154565	1.154565	0.992332	1.003403	1.003403	1.81467	-1.82629	0.0005367	2.732079	-1.61018	0.4489046	1.14066	1.14066	0.3883	0.9966501	-1.00357	4.9644	3.33825	0.6720336	1
cg00098799	IGF1R	0.0195511	0.0752238	0.213539	-4.6823	0.0662502	0.262105	-3.16708	0.0761613	0.214824	-4.65498	0.991386	0.991621	-1.00845	0.0057607	0.0595926	16.7806	0.13057	2.80116	2.80116	-3.56995	0.0172468	0.104222	-9.59493	0.0060152	0.0587162	-17.0311	0.167834	0.317999	5.14466	4.79405	0.93	0.8550256	1
cg26577252	IGF1R	0.02241291	0.0214383	0.169116	-5.9131	0.589647	0.704573	-1.4193	0.0930612	0.304772	-3.28114	0.0509781	0.239406	-4.177	0.0258525	0.18241	-5.48216	0.254078	0.464923	-2.1509	0.00130923	0.0493504	-20.2633	0.754272	0.817154	-1.22376	0.0205366	0.166193	-6.0171	4.52495	29.6374	5.82202	1
cg21546087	IGF1R	0.02281	0.0202602	0.168813	-5.92383	0.4243133	0.18316	-2.58933	0.0155053	0.2866	-3.48945	0.0139	0.1904	5.250432	0.00403	3.10401	0.181467	2.02629	0.998	0.998	0.9933	1.00403	1.00403	0.998	0.998	0.998	0.9933	0.9933	0.998	3.98885	0.00159237	0.54265	1.84251	6.00115	4.32966	0.567197	3.48921
cg23085704	IGF1R	0.02293612	0.00886001	0.273335	-3.65851	0.103606	0.628563	-1.59093	0.220798	0.714782	-1.39903	0.78291	0.930486	-1.07471	0.790135	1.07206	1.07206	0.803728	1.06711	1.06711	0.170349	1.46361	1.46361	0.327624	0.768282	-1.30161	0.0519445	0.561662	-1.78043	4.30032	1.63451	0.957968	1
cg12505158	IGF1R	0.02606014	0.0595937	0.298558	-3.34911	0.0731107	0.379424	-2.63443	0.0313333	0.3706	-2.69881	0.1705	0.43553	-2.29551	0.0895134	0.3864	-2.58804	0.4481	0.7963	-1.25577	0.2315554	-4.328	0.022815	1.3064	1.3064	0.0202491	1.32115	1.32115	0.7096	1.40922	0.0493	0.1494836	1
cg06596307	IGF1R	0.026347	0.206405	0.84316	-1.18601	0.0252014	0.140599	1.140599	0.395446	1.11785	1.11785	0.0558239	1.31963	1.31963	0.03700442	1.36348	1.36348	0.889425	1.01797	1.01797	0.005413	1.59774	1.59774	0.014364	1.47156	1.47156	0.120627	1.24047	1.24047	4.2782	1.11209	0.230686	1
cg08138544	IGF1R	0.02774555	0.206764	0.762868	-1.31084	0.973407	1.007731	1.007731	0.182755	1.33296	1.33296	0.160384	1.35642	1.35642	0.0985471	1.4452	1.4452	0.653674	1.09615	1.09615	0.0127784	2.59823	2.59823	0.877547	-1.11954	0.672234	0.917131	-1.09036	4.20127	2.74945	0.587179	1
cg18202336	IGF1R	0.02781054	7	7	7	0.0828506	0.065434	-4.86775	0.102337	0.54588	-2.19955	7	7	7	0.0374484	2.5774	2.5774	0.048624	2.7478	2.7478	0.49914	1.34206	1.34206	0.801111	1.11364	1.11364	1.60259	0.87607	1.82934					
cg07813285	IGF1R	0.03013662	0.219715	0.803652	-1.24432	0.29051	0.819358	-1.22047	0.0994553	0.736498	-1.35779	0.971112	1.00615	1.00615	0.0012997	0.452296	2.21094	0.023213	0.631536	-1.58344	0.68207	1.07225	1.07225	0.225686	0.8806135	-1.24049	0.034549	0.658706	-1.51813	4.08026	1.85395	0.4038844	1
cg10475588	IGF1R	0.03143649	0.01486369	0.551633	-1.81275	0.0496549	0.1532	-2.02702	0.0178	0.4025	-2.48407	0.00332	0.382102	2.61921	0.00478	2.090173	0.382	0.837204	1.07806	1.07806	0.0265406	1.28819	1.28819	0.327798	0.8727052	-1.14613	0.1588	1.15808	1.15808	0.98894	0.6853391	0.1526393	1
cg05110803	IGF1R	0.0321224	0.670481	0.86251	-1.15445	0.2204043	0.391473	-2.55446	0.0097872	0.534183	-2.39237	0.746552	0.896892	-1.11496	0.178292	0.61882	-1.61598	0.080518	1.521784	1.9165	0.00270737	0.248996	-4.01612	0.65664	0.860582	-1.162	0.0707006	0.507758	1.94982	7.11342	1.58535		
cg12701188	IGF1R	0.0339091	0.325089	0.856575	-1.16744	0.0663702	1.71887	1.71887	0.158829	1.25829	1.25829	0.283496	0.843676	-1.18529	0.864279	0.974239	-1.02644	0.0791446	1.3463	1.3463	0.0165651	1.56284	1.56284	0.216648	1.21936	1.21936	0.209488	0.817268	-1.22359	3.91161	1.44177	0.327633	1
cg03739315	IGF1R	0.03459853	0.2599894	0.845819	-1.18268	0.0520721	0.13995	-2.27279	0.0159	0.2918	-3.42705	0.0138	0.1704	5.870734	0.00232	3.426	0.1704	2.27642	0.513345	-1.94801	0.0153987	0.388709	-2.57263	0.887052	1.12703	-1.12648	0.2755	1.15808	1.15808	0.98894	0.6853391	0.1526393	1
cg05120853	IGF1R	0.0321224	0.670481	0.86251	-1.15445	0.2204043	0.391473	-2.55446	0.0097872	0.534183	-2.39237	0.746552	0.896892	-1.11496	0.178292	0.61882	-1.61598	0.080518	1.521784	1.9165	0.00270737	0.248996	-4.01612	0.65664	0.860582	-1.162	0.0707006	0.507758	1.94982	7.11342	1.58535		
cg20270198	IGF1R	0.0339091	0.325089	0.856575	-1.16744	0.0663702	1.71887	1.71887	0.158829	1.25829	1.25829	0.283496	0.843676	-1.18529	0.864279	0.974239	-1.02644	0.0791446	1.3463	1.3463	0.0165651	1.56284	1.56284	0.216648	1.21936	1.21936	0.209488	0.817268	-1.22359	3.91161	1.44177	0.327633	1
cg03739315	IGF1R	0.03459853	0.2599894	0.845819	-1.18268	0.0520721	0.13995	-2.27279	0.0159	0.2918	-3.42705	0.0138	0.1704	5.870734	0.00232	3.426	0.1704	2.27642	0.513345	-1.94801	0.0153987	0.388709	-2.57263	0.887052	1.12703	-1.12648	0.2755	1.15808	1.15808	0.98894	0.6853391	0.1526393	1
cg23047825	IGF1R	0.040971	0.0779203	0.468432	-2.13478	0.0666798	0.451285	-2.21589	0.0097872	0.534183	-2.39237	0.746552	0.896892	-1.11496	0.178292	0.61882	-1.61598	0.080518	1.521784	1.9165	0.00270737	0.248996	-4.01612	0.65664	0.860582	-1.162	0.0707006	0.507758	1.94982	7.11342	1.58535		
cg08048831	IGF1R	0.0457136	0.3269937	1.21896	1.21896	0.0243314	0.145636	-2.38214	0.0829785	0.456456	-2.54333	0.0920434	0.412133	2.424723	0.14008	2.1428	0.14008	0.2723465	1.14026	1.14026	0.0010122	1.69637	1.69637	0.768203	-1.10052	0.6061349	0.690579	-1.44907	-1.27121	0.1606937	0.7628603	0.2934	0.0822	1.5835
cg10572450	IGF1R	0.046671	0.0788886	1.61462	1.61462	0.656988	1.115599	-1.11599	0.558578	1.15633	1.15633	0.612829	1.133491	1.133491	0.100723	0.64311	-1.55494	0.0212635	0.506701	-1.97355	0.936348	1.01981	1.01981	0.680201	1.9033236	-1.10733	0.00710907	0.425785	-2.3486	3.4776	3.32073	0.3487393	1
cg03739315	IGF1R	0.03459853	0.2599894	0.845819	-1.18268	0.0520721	0.13995	-2.27279	0.0159	0.2918	-3.42705	0.0138	0.1704	5.870734	0.00232	3.426	0.1704	2.27642	0.513345	-1.94801	0.0153987	0.388709	-2.57263	0.887052	1.12703	-1.12648	0.2755	1.15808	1.15808	0.98894	0.6853391	0.1526393	1
cg23047825	IGF1R	0.040971	0.0779203	0.468432	-2.13478	0.0666798	0.451285	-2.21589	0.0159	0.2918	-3.42705	0.0138	0.1704	5.870734	0.00232	3.426	0.1704	2.27642	0.513345	-1.94801	0.0153987	0.388709	-2.57263	0.887052	1.12703	-1.12648	0.2755	1.15808	1.15808	0.98894	0.6853391	0.1526393	1
cg08048831	IGF1R	0.0457136	0.3269937	1.21896	1.21896	0.0243314	0.145636	-2.38214	0.0829785	0.456456	-2.54333	0.0920434	0.412133	2.424723	0.14008	2.1428	0.14008	0.2723465	1.14026	1.14026	0.0010122	1.69637	1.69637	0.768203	-1.10052	0.6061349	0.690579	-1.44907	-1.27121	0.1606937	0.7628603	0.2934	0.0822	1.5835
cg10572450	IGF1R	0.046671	0.0788886	1.61462	1.61462	0.656988	1.115599	-1.11599	0.558578	1.15633	1.15633	0.612829	1.133491	1.133491	0.100723	0.64311	-1.55494	0.0212635	0.506701	-1.97355	0.936348	1.01981	1.01981	0.680201	1.9033236	-1.10733	0.00710907	0.425785	-2.3486	3.4776	3.32073	0.3487393	1
cg18180624	IGF1R	0.0460241	0.744301	0.9063	-1.10321	0.1103708	0.530355	-1.28055	0.1515	0.3525	-2.83611	0.1	0.3002	3.332	0.0004	2.6791	0.3002	0.5167372	1.16263	1.16263	0.0009077869	1.68184	1.68184	0.4646	1.07373	1.07373	0.6	1.12125	1.12125	0.9696971	-1.03125	0.844645	0.732999	1.74451	1
cg20553386	IGF1R	0.0462086	0.317383	0.830882	-1.5871	0.0143506	0.79133	0.79033	0.772122	0.65638	-1.52269	0.685603	0.83603	-1.19674	0.0718489	0.418255	2.39124	0.354012	1.05639	-1.52337	0.0460944	0.2045187	0.290545	0.100398	0.9970204	0.00594	4.29206	0.013485	0.7474	3.71046	2.62603	0.2937111	1
cg20792294	IGF1R	0.0499425	0.546353	0.632985	-1.57982	0.030717	0.149383	-6.09422	0.845135	0.863732	-1.15777	0.322515	2.15012	2.15012	0.687687	1.35353	1.35353	0.208108	0.893111	-1.11968	0.14009	0.309478	-3.28431	0.00579672	14.9001	14.9001	0.160728	3.07209	3.07209	3.38961	30.1245	7.89982	1
cg19642877	IGF2AS;INS-IGF2;INS-IGF2AS;IGF2	0.00086367	0.4909976	1.27048	1.27048	0.0005388	6.3083	6.3083	0.000807429	5.63888	5.63888	0.406528	1.33718	1.33718	0.120126	0.880916	-1.13518	0.995035	0.997873	-1.00213	0.000280929	7.63104	7.63104	0.00353359	0.284518	-3.51471	0.350301	1.38955	1.38955	12.2646	22.7458	1.64853	1
cg00682201	IGF2;IGF2BP1	3.58E-06	0.0036329	0.4892	-2.04384	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
cg17629148	IGF2;IGF2BP1	7.54E-06	2.57E-05	4.69669	4.69669	2.19E-05	2.205637	-4.86294	0.16997	0.762542	-1.3114	0.00307468	0.471597	-2.12045	4.98E-05	0.243644	4.10435	0.00099237	0.403588	-2.47777	9.41E-05	3.63674	3.63674	0.45016	1.1534	1.1534	0.000163876	3.29421	3.29421	43.6558	23.7842	0.4842777	1
cg24876164	IGF2;IGF2BP1	1.15E-05	9.38E-06	3.62791	3.62791	4.52E-06	0.0002145	-7.03161	3.05E-05	0.221335	-4.51803	0.261935	1.27216	1.27216	0.00125	0.195859	5.10572	0.271943	0.80926	-1.23567	0.166708	1.31368	1.31368	0.051384	0.663317	-1.50746	0.07131169	1.45169	1.45169	0.09966	21.203	0.4820066	1
cg07017153	IGF2;IGF2BP1	4.44E-05	0.0003035	0.1838147	-5.44009	0.0018067	0.320592	-3.11923	0.000433211	0.240102	-4.1649	0.00275303	0.346808	-2.88344	5.62E-05	0.14674	6.81476	0.000590042	0.0772502	-12.9455	0.00144705	0.186769	-5.3542	0.901685	1.03219	1.03219	0.703043	0.900471	-1.10318	18.2481	18.9962	0.925326	1
cg16449609	IGF2;IGF2BP1	0.00292354	0.0003035	0.1838147	-5.44009	0.0018067	0.320592	-3.11923	0.000433211	0.240102	-4.1649	0.00275303	0.346808	-2.88344	5.62E-05	0.14674	6.81476	0.000590042	0.0772502	-12.9455	0.00144705	0.186769	-5.3542	0.901685	1.03219	1.03219	0.703043	0.900471	-1.10318	18.2481	18.9962	0.925326	1
cg06638433	IGF2;IGF2BP1	0.00044758	0.4478892	0.792968	-1.35269	0.0008034	0.329	0.329	0.00114845	0.74296	0.74296	0.501209	0.750899	-1.33174	0.591672	1.796731	1.25513	0.201794	0.0179048	3.3452	3.3452	0.153362	0.526458	-1.89949	2.93E-05	31.1562	31.1562	0.67696	1.19223	1.19223	14.7377	41.106	2.47926	1
cg01384163	IGF2;IGF2BP1	0.00051798	0.0041696	0.590833	-1.69253	0.648804	0.906994	-1.10254	0.00588484	0.464261	-2.15396	0.270256	1.27686	1.27686	0.0299692	1.72226	1.72226	0.000353323	0.317552	-3.14009	3.87E-05	0.186596	-5.35917	0.264586	1.28089	1.28089	0.0772284	0.658192	-1.51931	14.1516	10.1593	0.6381228	1
cg12382

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(111T 117 vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(527T 537 vs. N)	Fold-Change(527T vs. N)	p-value(527T 377 vs. N)	Fold-Change(527T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
ep24276370	IGF2R	0.00839653	0.00821617	0.785944	-1.27235	1.00441261	0.961968	-1.01239	0.0115323	0.804297	-1.24332	0.880882	0.10374	1.017074	0.882174	1.01062	1.02062	0.0379793	0.842494	-1.18805	0.00312001	0.749794	-1.3337	0.2035268	1.08626	1.08626	0.5028667	1.04965	1.04965	6.24814	0.502185	0.0714431	1
ep16797777	IGF2R	0.00867236	0.622053	0.918777	-1.0884	0.4388195	0.681441	-1.46748	0.256554	1.22373	1.22373	0.0154686	1.6594	1.6594	0.000817998	0.423158	2.36319	0.586877	0.107022	-1.09805	0.104872	0.741935	-1.24386	0.1264165	0.652897	-1.53164	0.2088912	0.797853	-1.25336	0.18463	2.84717	0.409212	1
ep16180108	IGF2R	0.009839	0.109192	0.797423	-1.25404	0.463132	1.10163	1.10163	0.2247436	0.854943	-1.16967	0.712956	1.04905	1.04905	0.0196828	0.694102	-1.44071	0.479311	1.09768	1.09768	0.00049851	2.02573	2.02573	0.2175599	0.84527	-1.18305	0.6432021	1.06255	1.06255	5.94136	1.58043	0.2364448	1
ep20831236	IGF2R	0.01136552	0.0676553	1.2128	1.2128	0.759794	0.969191	-1.03166	0.0609229	0.85737	-1.24105	0.0190192	0.748063	-1.13679	0.563825	1.06147	1.06147	0.163216	1.85886	-1.1643	0.00345604	1.50065	1.50065	0.0167561	0.743938	-1.34782	0.65675	0.955302	-1.04679	5.67244	0.9390033	0.1471149	1
ep06391451	IGF2R	0.0139944	0.935964	1.01045	1.01045	0.942387	1.03039	1.00939	0.783232	1.03631	1.03631	0.0510445	0.750234	-1.33292	0.445103	1.1059	1.1059	0.224031	0.847441	-1.17961	0.00355949	2.10017	2.10017	0.833325	0.973117	-1.02763	0.3035344	1.14712	1.14712	5.30058	1.40387	0.235423	1
ep20234373	IGF2R	0.0146148	0.269842	0.795993	-1.25629	0.991244	0.997823	-1.00218	0.703294	0.926826	-1.07895	0.568426	0.891834	-1.12118	0.00775233	0.359522	-2.78147	0.0173291	0.562419	-1.77803	0.0352925	1.62711	1.62711	0.6291	0.90788	-1.10147	0.69307	1.08276	1.08276	5.22541	3.26333	0.555121	1
ep02079963	IGF2R	0.0178311	0.745934	1.03733	1.03733	0.522614	1.07578	1.07578	0.310238	0.888365	-1.12566	0.000434233	0.534115	-1.87226	0.0491073	0.776284	-1.28819	0.721986	1.0411	1.0411	0.231932	1.15182	1.15182	0.946313	0.90763	-1.10062	0.00762	0.965177	1.00493	1.00493	4.8906	0.9844053	0.178529	1
ep02581059	IGF2R	0.0191832	0.0410457	0.607112	-1.66372	0.219685	0.137407	-1.32558	0.4630987	1.20072	1.20072	0.979663	1.00556	1.00556	0.00606325	0.462238	-2.16339	0.0086398	0.486215	-1.05459	0.0310354	1.70198	1.70198	0.467633	1.1725	1.1725	0.677585	0.913098	-1.0942	4.77155	3.50361	0.6326585	1
ep25484127	IGF2R	0.0273081	0.854399	0.969779	0.2172883	0.652488	0.264682	-1.46481	0.983223	0.997238	-1.00277	0.631436	1.00554	1.00554	0.64206	1.06701	1.06701	0.178417	1.20692	1.20692	0.00809479	1.94379	1.94379	0.74802	0.958487	-1.04331	0.716006	0.953076	-1.04903	4.75163	1.30219	0.243602	1
ep14817370	IGF2R	0.0206775	0.0126087	0.70027	-1.42802	0.34408	1.11846	1.11846	0.883884	0.983353	-1.01693	0.0340817	1.32856	1.32856	0.187194	0.8516551	-1.17419	0.234086	1.15406	1.15406	0.0104764	0.690678	-1.44785	0.24193	1.15107	1.15107	0.0979321	1.23189	1.23189	4.65152	0.9720319	0.185753	1
ep15850155	IGF2R	0.0222402	0.3155063	1.1774	1.1774	0.8108415	1.23721	1.23721	-1.35327	0.6207678	1.23924	1.23924	0.8314162	0.997247	1.00245	1.00245	1.00245	0.1337236	1.77847	1.77847	0.0256128	2.69995	2.69995	0.9021991	1.05225	1.05225	0.452571	1.12298	1.12298	2.41544	0.2734484	0.0529	1
ep25754852	IGF2R	0.023564	0.969937	0.987023	-1.01315	0.555698	1.38998	1.38998	0.16381	0.597497	-1.67365	0.0011668	0.191629	-5.21841	0.0225059	0.387811	-2.57858	0.212134	0.634111	-1.57701	0.0317093	0.423327	-2.36224	0.618204	1.19024	1.19024	0.45928	0.770152	-1.29845	4.44752	8.46209	1.69125	1
ep14165789	IGF2R	0.0301833	0.928182	1.079106	1.079106	0.941184	0.944634	-1.05851	0.2950223	0.432452	-2.31239	0.819551	0.838302	-1.19289	0.0779055	0.220153	-4.54271	0.0089434	0.222086	-4.50317	0.0079768	1.20682	1.20682	0.923747	0.96264	-1.03874	0.7108	1.06264	1.06264	4.2267	2.663457	0.078024	38.4828	8.38814	1
ep25761645	IGF2R	0.0370924	0.240638	0.834318	-1.19853	0.00760492	1.65884	1.65884	0.382759	0.7411	-1.34909	0.49825	1.1067	1.1067	0.116263	0.777493	-1.28619	0.117516	0.778054	-1.28526	0.0260401	1.4762	1.4762	0.325335	0.828811	-1.20655	0.9696669	0.994409	-1.00562	3.78642	1.30385	0.306088	1
ep11170810	IGF2R	0.0375646	0.431611	0.792524	-1.26179	0.013003	2.44208	2.44208	0.043816	2.95671	1.96521	0.2272643	2.13161	2.13161	0.405445	1.27966	1.27966	0.027177	2.13284	2.13284	0.152995	2.00745	2.00745	0.0266775	1.54613	0.541343	0.835999	-1.19617	0.857647	0.949314	-1.05339	3.76898	5.01	1.18158	1
ep30064642	IGF2R	0.0404064	0.1752135	1.39055	0.8818748	0.915941	1.29194	-1.32988	0.261947	1.14966	1.13045	0.406525	1.1349	1.1349	0.0326466	0.880952	-1.45134	0.0306076	1.08305	1.08305	0.0199151	0.657841	-1.52012	0.5364468	1.03963	1.03963	0.8139083	1.02689	1.02689	3.53063	1.0632689	0.3126289	1
ep23746600	IGF2R	0.0477849	0.1130888	0.549539	-1.81971	0.215523	1.57233	1.57233	0.0999646	0.534839	-1.86972	0.556487	0.813438	-1.22935	0.00845653	0.311227	-3.21309	0.692893	1.14775	1.14775	0.704234	1.14157	1.14157	0.341778	1.73053	1.73053	0.0349467	0.426045	-2.34717	3.44681	6.5794	1.69674	1
ep11363108	IGF2R	0.0495468	0.651012	1.083107	1.083107	0.954803	0.990095	-1.01	0.999194	1.16368	1.16368	0.167424	0.772241	-1.29493	0.102355	0.75054	-1.36885	0.480308	1.1343	1.1343	0.00292352	2.162737	2.162737	0.450959	1.14158	1.14158	0.6551003	1.089317	1.089317	3.98227	1.659375	0.4342271	1
ep11656226	IGF2R	0.0499362	0.8085666	0.97767	1.0077125	0.821951	1.1749	1.1749	0.23576	0.941494	-1.1909358	0.6441994	0.8164	0.8164	0.0266482	1.45134	1.45134	0.144848	1.50561	1.50561	0.0003318	0.2.17001	0.2.17001	0.0127668	2.49483	2.49483	0.402104	1.22808	1.22808	3.3897	4.68811	1.22938	1
ep09148084	IGF2R;IGF2R	0.0034663	0.8156099	0.974356	-1.02632	0.84	0.977759	-1.02275	0.00293807	1.57537	1.57537	0.895482	1.01459	1.01459	0.000548649	0.550335	-1.81707	0.000313871	0.522073	-1.91544	0.301446	1.12651	1.12651	0.000194073	2.00929	2.00929	0.743915	1.03715	1.03715	15.8112	3.100008	0.174283	1
ep03634777	IGF2R;LOC729603	0.00406473	0.3890021	0.853861	-1.17174	0.260995	1.19622	1.23332	0.782154	0.955167	-1.0508	0.8310259	0.4326603	-2.3389	0.0013578	0.293224	-3.41256	0.0152256	0.586646	-1.70546	0.0155974	0.3990967	2.5575	0.665392	1.08088	1.08088	0.0098195	0.557638	1.79328	7.81457	9.56254	2.45073	1
ep27318507	IGF2R;LOC729603	0.0381972	0.334579	1.19421	1.19421	0.446588	1.14839	1.14839	0.248646	0.630564	-1.58588	0.0376586	2.08845	2.08845	0.0345041	0.886437	-1.12811	0.841208	1.03642	1.03642	0.103557	1.3737	1.3737	0.280934	1.22125	1.22125	0.11593	1.35627	1.35627	3.74603	1.88715	0.4477398	1
ep07589102	IGFALS	0.0181787	0.0027589	0.643353	-1.55393	0.0014404	0.9136284	0.9136284	0.0001686	0.3044	-3.28534	0.0001686	0.1234	0.1234	0.0002538	0.788953	-1.2675	0.0571861	0.691091	1.44701	0.0001	0.14901	0.0206613	1.48701	1.48701	0.5125186	0.0186307	0.0170751	-1.49068	9.00319	0.7267235	3.36423	1
ep05179565	IGFALS;IGFALS;IGFALS	1.77E-06	0.542419	0.0442	1.0442	0.179292	0.90478	-1.10524	0.00695859	1.27751	1.27751	0.00015881	1.57293	1.57293	0.197668	0.908903	1.10023	0.0291243	0.834965	-1.19766	4.57E-08	0.2618071	-3.81961	0.993945	0.999468	-1.00053	1.43E-05	0.5306055	-1.88464	63.3642	6.9379	0.0692701	1
ep07190921	IGFALS;IGFALS;IGFALS	0.00621725	0.569566	0.852625	-1.17285	0.161953	1.51323	0.225144	0.702298	-1.4139	0.565023	0.850988	-1.17511	0.00186014	0.173689	0.75741	-1.32083	0.0470719	0.533598	-1.87407	0.0491698	1.86431	1.86431	0.958052	1.0147	1.0147	0.20768	1.69174	-1.44563	6.8343	8.36454	1.08332	1
ep08851572	IGFALS;IGFALS;IGFALS	0.03206864	0.2165884	1.16656	1.16656	0.0818734	1.307796	1.307796	0.0137676	0.731764	1.18198	0.0127868	1.19591	1.19591	0.0839364	0.749357	-1.33483	0.0288072	0.482727	-2.07138	0.0119033	2.429517	2.429517	0.0993877	1.08533	1.08533	0.0056012	1.64047	1.64047	0.0048406	1.01703	1.64847	0.4098511	1.31284	1.32382	1
ep02593924	IGFALS;IGFALS;IGFALS	0.0213392	0.79367	1.06669	1.06669	0.00164646	0.3296623	-3.03377	0.0617929	0.595671	-1.67878	0.355924	0.791467	-1.26348	0.0145982	0.476765	-2.09747	0.157338	0.688916	-1.45156	0.387481	0.803998	-1.24378	0.0923547	1.57812	1.57812	0.828442	1.0549	1.0549	4.60176	7.442081	0.853936	1
ep27254454	IGFALS;IGFALS;IGFALS	0.0243552	0.353825	0.850646	-1.24217	0.0652369	1.171371	-1.40574	0.3610167	1.1524	1.1524	0.4529184	0.840451	1.19048	0.0179854	0.802417	-1.24622	0.0236366	0.54025	-1.8505	0.0116959	2.04267	2.04267	0.4540709	0.909385	-1.10085	0.6148416	0.89102	-1.12226	4.64049	3.45473	0.7274486	1
ep06462780	IGFALS;IGFALS;IGFALS	0.0331664	0.369643	0.781971	-1.27882	0.839763	0.974413	-1.05514	0.194506	1.44226	1.44226	0.930738	0.977071	-1.02347	0.0983657	0.616505	-1.62205	0.0285445	0.501855	-1.99261	0.0196413	1.2.03195	1.2.03195	0.0127831	1.64545	-1.55159	0.493133	1.20365	1.20365	3.94292	1.44604	1.00231	1
ep10326091	IGFBP1	0.0220946	0.194551	0.736543	-1.35769	0.521447	0.865194	-1.15581	0.996221	0.667553	-1.49801	0.551316	0.874316	-1.14375	0.00122095	2.87033	2.87033	0.734233	1.07889	1.07889	0.0501112	1.64498	1.64498	0.457978	1.18342	1.18342	0.341072	0.803635	-1.24435	5.47224	3.57589	0.699011	1
ep22319225	IGFBP2	0.0526269	0.752609	1.02467	1.02467	0.797212	1.09527	-1.0038	0.9358657	1.29532	1.23332	0.782154	0.991622	-1.0508	0.8310259	0.402603	-2.3389	0.0013578	0.293224	-3.41256	0.659324	-1.4256	0.0152256	0.586646	-1.7054	0.0166153	0.798317	-1.25286	0.1488139	1.12674	9.76254	0.45073	1
ep20728156	IGFBP2	0.00221629	0.000857143	0.333498	-2.99852	0.109489	0.681167	-1.46807	0.562461	0.867739	-1.15242	0.0018262	0.37736	-2.64999	0.861619	0.734601	-1.36128	0.842553	1.04473	1.04473	0.00252051	2.265044	-3.77296	0.00289582	0.406173	-2.462	0.0721896	0.643058	-1.55507	9.47119	7.26193	0.685146	1
ep03554482	IGFBP2	0.0231357	0.033344	0.754146	-1.33734	0.107004	0.138443	-1.83607	0.0653465	0.710239	-1.40786	0.930569	0.983229	-1.01706	0.0866433	0.692587	-1.44386	0.255127	0.794058	-1.25935	0.0800322	1.34841	1.34841	0.0021318	2.70603	2.70603	0.0304664	1.85968	1.85968	0.0020166	1.00559	1.85968	0.5376507	1.24	1
ep21348497	IGFBP2	0.0045887	0.0205317	0.58178	-1.71886	0.106519	0.710299	-1.40786	0.930569	0.983229	-1.01706	0.0866433	0.692587	-1.44386	0.255127	0.794058	-1.25935	0.0144781	1.79458	1.79458	0.000493702	0.346874	-2.88289	0.00592135	0.497234	-2.01112	0.921298	1.01937	1.01937	7.53386	4.49488	0.530332	1
ep25854162	IGFBP2	0.0063503	0.016789	0.672143	-1.48778	0.5523	0.91952	-1.08752	0.624668	0.933466	-1.07128	0.485104	0.905745	-1.10406	0.0101918	0.641192	-1.55959	0.972145	1.00488	1.00488	0.00375097	0.452178	-2.21152	0.00612578	0.607035	-1.64735	0.0109896	0.640654	-1.5609	6.81848	2.10303	0.274161	1
ep20366479	IGFBP2	0.0144124	0.4525621	1.0944	1.0944	0.0010313	0.9651469	0.9651469	-1.03601	0.0772484	0.9651469	-1.03601	0.0772484	0.9651469	-1.03601	0.0772484	0.9651469	0.1719861	1.04983	1.04983	0.0018996	0.4911	0.4911	0.3496161	1.25236	1.25236	0.0242842	1.34064	1.34064	0.0075731	-1.49086	9.00319	0.7267235	3.36423	1
ep22479842	IGFBP2	0.0402657	0.754444	0.963313	-1.03808	0.825316	0.974012	-1.02668	0.878363	1.01841	1.01841	0.31633	0.883906	-1.13134	0.679467	0.951711	-1.05074	0.719861	1.04383	1.04383	0.000517801	0.524608	-1.90619	0.593834	0.937892	-1.06622	0.8144661	0.972385	-1.0284	3.67416	0.8257718	0.199766	1
ep03102168	IGFBP3;IGFBP3	0.0045543	0.0004564	0.534366	-1.87102	0.0288287	0.10218	0.0003015473	0.506216	-1.97544	0.0006202	0.540914	-1.84853	0.0017882	0.559331	-1.78753	0.0016798	0.0003304807	0.711949	1.4046	0.0002142127	0.683881	-1.4624	0.0019654	0.669523	-1.4936	0.0018257	0.980652	-1.01959	4.14684	4.8914	0.9911	0.101669	1
ep22403266	IGFBP3;IGFBP3	0.00307623	0.6601783	0.884473	-1.13062	0.165878	0.917991	-1.08934	0.332697	0.703231	-1.42202	0.0252094	0.784366	-1.27491	0.0435245	0.940282	-1.06351	0.0003040807	0.711949	1.4046	0.0002142127	0.683881	-1.4624	0.0019654	0.669523	-1.4936	0.0018257	0.980652	-1.01959	4.14684	4.8914	0.9911	0.101669	1
ep22800581	IGFBP3;IGFBP3	0.00052876	0.959965	0.996701	-1.00331	0.0046998	0.780867	-1.28063	0.00100285	1.37927	1.37927	0.0118878	0.813251	-1.22963	0.00411282	0.776155	-1.2884	0.0464803	1.16199	1.16199	0.846771	1.01282	1.01282	0.00319152	0.767149	-1.30353	0.00106691	1.3749	1.3749	14.0739	0.96618	0.0610225	1
ep16460681	IGFBP3;IGFBP3	0.0015154	0.4282277	1.09112	1.09112	0.0251024	0.9615	-1.04005	0.7883544	1.00452	1.00452	0.7847588	0.9615	-1.04005	0.7883544	1.00452	1.00452	0.0291744	1.31137	1.31137	0.17853	1.17481	0.7912512	1.29346	0.360862	1.1307	1.1307	0.1307	0.856393	1.02397	1.02397	3.78075	1.240776	0.224816	1
ep24772240	IGFBP3;IGFBP3	0.00171221	0.376039	0.842573	-1.18684	0.56262	0.919003	-1.08814	0.384322	0.845191	-1.18316	0.0017655	0.316637	3.31667	3.31667	0.293197	-3.41133	0.494663	0.87743	-1.13969	0.0034914	0.437667	-2.31159	0.0042357	0.25833	2.05833	0.0949258	0.14345	-1.56784	9.16414	0.5698	0.500523	1
ep24942272	IGFBP3;IGFBP3	0.0009918	0.1749697	0.83676	-1.19497	0.0183767	0.1.03376	0.1.03376	0.7.31764	0.1.18198	0.1.18198	0.1.03376	0.1.03376	0.1.03376	0.7.31764	0.1.18198	0.1.18198	0.1124321	0.7.17469	0.7.17469	0.0022215	0.968848	-1.03215	0.2967193	-3.37019	0.0063797	0.1631673	-1.35885	0.7.17469	0.7.04751	0.1.17045	0.1.17045	0.1.17045	0.1.17045	1
ep05867388	IGFBP3;IGFBP3	0.0032145	0.0186515	0.701052	-1.42643	0.122172	2.23203	2.23203	0.497889	1.08949	1.08949	0.0224468	0.71134	-1.4058	0.992919	1.00111	1.00111	0.357898	1.12498	1.12498	0.00014783	2.25388	2.25388	0.231926	0.855423	-1.16901	0.464472	1.09717	1.09717	8.37103	2.05682	0.218407	1
ep08831744	IGFBP3;IGFBP3	0.0039036	0.144403	0.799812	-1.25062	0.0245166	0.1.03376	0.1.03376	0.7.31764	0.1.18198	0.1.18198	0.1.03376	0.1.03376	0.1.03376	0.7.31764	0.1.18198	0.1.18198	0.1124321	0.7.17469	0.7.17469	0.0022215	0.968848	-1.03215	0.2967193	-3.37019	0.0063797	0.1631673	-1.35885	0.7.17469	0.7.04751	0.1.17045	0.1.17045	0.1.17045	0.1.17045	1
ep16875425	IGFBP3;IGFBP3	0.0033164	0.0006004246	0.381597	-2.62027	0.653309	1.09084	1.09084	0.0052314	0.511503	-1.95502	0.0974206	1.39235	1.39235	0.0032107	0.719455	-1.39005	0.0003144	0.2.17469	0.2.17469	0.0022215	0.968848	-1.03215	0.2967193	-3.37019	0.0063797	0.1631673	-1.35885	0.7.17469	0.7.04751	0.1.17045	0.1.17045	0.1.17045	0.1.17045	1
ep12902183	IGFBP3;IGFBP3	0.0238106	0.00703243	0.260847	-3.83367	0.0252627	2.78982	2.78982	0.17544	0.573688	-1.74311	0.584095	0.807997	-1.23763	0.0324964	0.380878	-2.62552	0.070062	0.45791	-2.18383	0.103988	0.503806	-1.98489	0.0303154	0.374565	-2.66976	0.312386	1.668299	-1.49634	4.43153	10.4389	2.09387	1
ep20435440	IGFBP3;IGFBP3	0.0040853	0.0004808311	0.315045	-3.17405	0.0145431	2.11506	-1.95007	0.0007744	0.258568	-3.86824	0.0007744	0.258568	-3.86824	0.0007744	0.258568	-3.86824	0.0002619	0.636563	-1.57102	0.0018859	0.474885	2.10458	0.0166153	0.798317	-1.25286	0.1488139	1.12674	1.12674	9.76254	4.49488	0.530332	1
ep20351904	IGFBP3;IGFBP3	0.0270486	0.136169	0.795256	-1.25746	0.0502049	0.590914	-1.69229	0.0437828	1.39186	1.39186	0.0549247	0.733041	-1.36418	0.257233	0.844769	-1.18376	0.238213	0.838402	-1.19275	0.0568405	0.735272	-1.36004	0.219482	0.838838	-1.19213	0.0241458	0.681406	-1.46755	4.23899	1.36654	0.286555	1
ep04727152	IGFBP3;IGFBP3	0.0281009	0.244763	0.751164	-1.33122	0.0884627	2.19705	2.19705	0.908189	0.973295	-1.0275	0.802645	1.03226	1.03226	0.370847	1.24119	1.24119	0.121745	1.14955	1.14955	0.0930389	0.549501	-1.81983	0.0160923	0.5003	-1.9988	0.591753	1.13575	1.13575	4.18248	3.43233	0.778444	1
ep20850023	IGFBP3;IGFBP3	0.0195326	0.102137	0.777417	-1.28637	0.0108475	0.529582	-1.88828	0.0459192	0.448374	-2.66723	0.167134	1.33994	1.33994	0.164312	1.09715	1.09715	0.12964	1.32997	1.32997	0.0001	0.2.22051	0.2.22051	0.0002	0.669488	1.08906	1.08906	4.13132	2.57201	0.503812	1
ep24381682	IGFBP3;IGFBP3	0.0160948	0.748374	0.964732	-1.03656	0.351171	1.11299	1.11299	0.0059289	1.44173	1.44173	0.396327	0.907646	-1.10175	0.0561581	0.876059	-1.14148	0.767186	0.967422	-1.03368	0.0324338	0.757566	-1.32004	0.0159299	0.858295	-1.1651	0.0257915	1.34558	1.34558	0.753781	0.175208	1
ep19878076	IGFBP4	0.0294913	0.3155665	1.18911	1.18911	0.4199	1.24744	1.24744	0.0018669	0.539585	-1.85328	0.0188699	0.724444	-1.38094	0.0501488	0.539585	-1.85328	0.316555	1.88913	1.88913	0.0001	0.2.12469	0.2.12469	0.0003684	0.59265	0.950891	-1.05165	0.0003004561	0.514627	1.94334	1.94334	0.75	1
ep06262716	IGFBP4	0.0038948	0.5163381	1.12284	1.12284	0.0295617	0.487517	-2.05121	0.0198087	0.609355	-1.64108	0.324496	0.835984	-1.1962	0.509777	0.888935	-1.12494	0.05187656	1.47623	1.47623	0.00147843	0.445935	-2.24248	0.00247913	0.476833	-2.09737	0.4430357	1.14763	1.14763	7.91904	3.888	0.436416	1
ep11961138	IGFBP4	0.0049489	0.168715	1.54549	1.54549	0.124536	0.610384	-1.63831	0.75305	1.09822	1.09822	0.0972888	1.7163	1.7163	0.0162129	0.592222	-1.68827	0.0909091	1.71003	1.71003	0.00275961	0.370744	-5.85675	0.0161087	0.475978	-2.39476	0.60439	0.856284	-1.16784	5.16264	10.2741	1.24055	1
ep17980404	IGFBP4	0.0050253	0.0261089	0.44929	-2.25779	0.0270392	0.278456	-3.59123	0.00272337	0.278897	-3.58556	0.0016181	0.248033	-4.03175	0.861027	0.947374	-1.05555	0.0001	0.2.12469	0.2.12469	0.0003684	0.59265	0.950891	-1.05165	0.0003004561	0.514627	1.94334	1.94334	0.75	1
ep09213124	IGFBP4	0.0340992	0.7974403	0.947455	-1.05546	0.0748023	1.51646	1.51646	0.476486	1.16404	1.16404	0.524595	1.13438	1.13438	0.165446	0.733154	-1.36397	0.0525103	1.58816	1.58816	0.00851129	0.494327	-2.02295	0.0458648	0.618656	-1.61641	0.276236	1.26825	1.26825	3.90374	2.72186	0.619774	1
ep09358481	IGFBP4	0.0472511	0.0408813	0.710005	-1.40831	0.0253166	0.1.03376	0.1.03376	0.7.31764	0.1.18198	0.1.18198	0.1.03376	0.1.03376	0.1.03376	0.7.31764	0.1.18198	0.1.18198	0.1124321	0.7.17469	0.7.17469	0.0022215	0.968848	-1.03215	0.2967193	-3.37019	0.0063797	0.1631673	-1.35885	0.7.17469	0.7.04751	0.1.17045	0.1.17045	0.1.17045	0.1.17045	1
ep15471812	IGFBP4;IGFBP4	0.0433152	0.080366	0.24201	2.24201	0.56267	1.28274	1.28274	0.11767	2.02849	2.02849	0.120791	0.496414	-2.01445	0.169486	0.543787	-1.83896	0.627097	1.22603	1.22603	0.280762	0.632946	-1.57991	0.0204206	3.19979	3.19979	0.0190575	2.585	2.585	3.57612	9.81323	2.4392	1
ep05903386	IGFBP5	0.0026045	2.80E-06	0.242535	-4.12234	0.0144002	0.145495	-6.87234	0.0004555	0.1842	0.1842	0.0002782	0.760887	-1.30872	0.0001576	0.576	-1.73611	0.0158675	0.0002442	-4.09502	0.0001	0.2.12469	0.2.12469	0.0003684	0.59265	0.950891	-1.05165	0.0003004561	0.514627	1.94

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg12775479	IGSF10	0.0224947	0.227095	1.28345	0.123345	1.13988	0.76894	-1.30249	0.183084	0.79157	-1.26331	0.77487	0.954607	-1.04755	0.750488	1.0542	1.0542	0.0341785	0.664362	-1.5052	0.0040326	1.86497	1.86497	0.0235585	1.56168	1.56168	0.429363	0.875044	1.1428	4.15929	1.95949	0.385408	1
cg03906843	IGSF10	0.0395214	0.0333343	0.3551155	-2.81567	0.0634355	0.363204	-2.75327	0.106211	0.479821	-2.08411	0.0813114	0.447401	-2.25313	0.0332897	0.355032	-2.81665	0.0299779	0.343997	2.907	0.00739898	0.237812	4.205	0.0239511	0.325874	-3.06867	0.102645	0.475526	-2.10293	3.69949	10.1511	2.43903	1
cg03467047	IGSF11;Clorf30;IGSF11	0.00131933	0.763735	1.11466	1.11466	0.00181794	4.93371	4.93371	0.123099	1.82484	1.82484	8.43E-05	0.0783891	-12.7569	0.603176	0.827914	-1.20785	0.0114727	0.343654	-1.55363	0.830517	1.03989	1.03989	0.5102264	0.940466	-1.0633	0.411286	1.08026	1.08026	49.3044	6.59414	0.118883	1
cg09856271	IGSF11;IGSF11	0.000103994	0.00133021	0.535831	-1.86626	8.93E-06	0.274367	-3.64476	0.000140444	0.413515	-2.41829	0.369645	0.883573	-1.13177	0.00296947	1.72939	1.72939	0.704734	1.05248	1.05248	0.204949	0.835533	-1.19684	0.327484	0.843489	-1.18555	0.00131728	0.533683	-1.87377	21.9097	6.26317	0.2541	1
cg03066675	IGSF11;IGSF11	0.000193073	0.00409903	0.4979	-2.00844	0.4259303	0.863102	-1.15861	0.0207985	1.58884	1.58884	0.00165037	4.442363	-2.26059	0.046839	0.662289	-1.50992	0.0136141	0.575393	-1.73794	0.1817593	1.29061	1.29061	0.929466	0.984007	-1.01636	0.000502053	0.373343	-2.6785	9.74136	5.05854	0.465586	1
cg05512211	IGSF11;IGSF11	0.00379002	0.00148148	0.273109	-3.66154	0.328564	0.751684	-1.33035	0.548698	0.842175	-1.1874	0.684576	0.890828	-1.12255	0.0368108	0.503334	-1.98675	0.0031639	0.319364	-3.13122	0.00231822	0.2998891	-3.33454	0.4181133	0.7994245	-1.2509	0.00062925	0.225927	-4.42621	7.98098	10.1274	1.12795	1
cg08023179	IGSF11;IGSF11	0.00562319	0.0157787	0.6651128	-1.50801	0.4155363	0.490933	-1.21244	0.9687373	0.9945281	-1.00545	0.8591129	0.918851	-1.08883	0.0758808	0.742355	-1.34705	0.826774	0.970037	-1.03089	0.000324266	0.4260929	-2.34811	0.0061143	0.6408713	-1.56091	0.0188002	0.6736611	-1.48454	7.07921	2.16012	0.2712351	1
cg06162423	IGSF11;IGSF11	0.0102612	0.00735846	0.3388877	-2.95083	0.785579	1.08829	0.126629	0.95994	-1.66782	-1.67802	0.3772138	0.752884	-1.32815	0.0021581	0.250268	-1.85701	0.0223387	0.424188	-2.35745	0.011448	0.236512	-4.22811	0.2346811	0.676912	-1.4773	0.0793277	0.543265	-1.84072	5.86203	10.1564	1.38149	1
cg17534770	IGSF11;IGSF11	0.0148732	0.20219	1.69475	1.69475	0.18816	1.72691	1.72691	0.0721813	2.19498	2.19498	?	?	?	0.00119849	0.155762	-6.42004	0.2806965	0.644667	-1.55119	?	?	0.427126	0.727857	-1.3739	0.856912	1.07327	1.07327	5.41809	10.2436	2.16073	1
cg03495543	IGSF11;IGSF11;IGSF11	0.00886022	0.320018	0.6940727	-1.44066	0.2861084	0.184298	-1.3007	0.0605033	0.488139	-2.07667	0.4245648	1.33605	-1.03605	0.0340204	0.415179	-2.4086	0.7178646	1.13759	-1.13759	0.00515032	0.0991865	-10.082	0.0198895	0.629566	-1.58896	-1.21262	0.641337	0.846479	-1.18136	6.14279	12.3792	1.17586	1
cg20947407	IGSF11;IGSF1;IGSF1;IGSF1;IGSF1	2.95E-05	0.212327	0.85577	-1.16854	1.27E-05	0.336815	-2.96899	0.00142529	0.452515	-2.20987	0.388744	0.900567	-1.11041	0.000926194	0.556302	-1.79759	0.0106059	0.146381	1.46381	0.0001042	2.24053	0.00024063	0.487266	-2.05227	0.00795242	0.668102	-1.49688	30.60858	6.8141	0.197903	1
cg04682197	IGSF11;IGSF1;IGSF1;IGSF1;IGSF1	0.0103511	0.437609	1.245155	1.263551	0.0036178	0.312354	1.3015	0.0077252	3.056427	2.74469	0.0662957	0.544111	-1.83786	0.0014907	0.279868	-3.57314	0.986926	1.00518	1.00518	0.310193	1.363667	1.363667	0.1245499	0.912853	1.028378	1.028378	0.184665	8.08208	1.2291	1
cg19585156	IGSF21	4.21E-07	0.4031184	0.8057335	-1.2411	0.000248172	4.6057	4.6057	2.24E-06	18.5492	18.5492	2.70E-06	17.2731	17.2731	0.00014348	5.23054	5.23054	0.0044748	2.6042	2.6042	1.77E-08	95.0463	95.0463	1.37E-07	66.0777	1.96E-06	19.5079	19.5079	91.4163	92.3043	0.897524	1
cg22183376	IGSF21	1.03E-06	0.698322	0.975284	-1.02534	5.2E-06	0.193412	1.93412	0.000574523	1.40842	1.40842	0.000189167	1.49853	1.6E-06	0.4415592	-2.26453		0.330277	0.937486	-1.06668	5.42E-06	1.62162	1.62162	1.35E-06	2.21167	2.21167	0.000295872	0.68477	-1.46044	72.80266	4.76101	0.0581267	1
cg15651727	IGSF21	0.000141228	0.00773157	1.53674	1.53674	0.000220251	0.476348	-1.21611	0.0172462	1.439254	1.439254	0.00191263	1.756353	1.724537	1.3989	1.3989		0.0031709	0.558289	1.79119	0.000823999	0.533137	-1.88275	0.0301352	1.37744	1.37744	0.00221753	0.583706	-1.71319	0.00181	0.540878	0.222016	1
cg11118615	IGSF21	0.000204385	0.2309917	1.21736	1.21736	0.0120216	1.63276	1.63276	0.265289	0.8338856	-1.19925	0.2434975	1.21047	1.21047	1.48E-05	0.244883	-4.08358	0.0198511	1.55289	1.55289	0.0029422	1.89487	1.89487	0.6628353	0.9336466	-1.07107	0.00186023	0.5010232	-1.99588	18.2634	7.08529	0.344844	1
cg25597894	IGSF21	0.000818568	0.454627	2.18279	2.18279	0.0459387	10.5085	10.5085	0.00782336	33.0723	33.0723	0.00311349	62.8183	62.8183	0.0280092	14.2753	14.2753	0.0696116	8.00364	8.00364	0.00026548	47.9743	47.9743	0.00113562	135.22	135.22	12.4514	207.152	14.7883	1
cg09470268	IGSF21	0.00205067	0.688222	1.18802	0.0630326	1.48594	1.48594	0.226567	1.26681	0.2178551	1.25536	0.2135836	0.954968	0.0662258	-1.03492			0.0021955	2.2374	2.2374	0.0347369	2.90816	2.90816	4.05E-05	4.34807	4.34807	0.0126112	5.98172	1.48249	11.9812	6.67774	0.495422	1
cg15673188	IGSF21	0.00096214	0.00819861	0.471525	-2.12078	0.0480451	1.65243	1.65243	0.327889	0.798954	-1.25164	0.00751415	0.465511	-2.14818	2.63E-05	0.157494	-6.34946	0.33335	1.24829	1.24829	0.344451	0.805391	-1.24163	0.8438806	0.957105	-1.04482	0.0594011	0.623158	-1.60473	11.8959	9.30618	0.695377	1
cg26838822	IGSF21	0.001387	0.0148283	0.5940601	-1.68309	0.0375204	0.1	0.1	0.772885	0.944648	-1.0586	0.336092	1.21837	-1.21837	0.0014255	0.147973	-6.75962	0.664297	0.917662	-1.08973	0.00758631	0.239382	2.73038	0.0040228	0.6098727	1.63955	2.60937	0.515245	1.93952	6.57328	8.54514	1
cg18015787	IGSF21	0.00145984	0.0367871	1.47555	1.47555	0.205052	0.86099	-1.23917	0.557719	0.900297	-1.00975	0.0080594	0.580242	-1.72342	0.0076785	1.38855	1.38855	0.0411058	0.685257	-1.45931	0.00017427	2.77805	2.77805	0.00591121	1.78161	1.78161	0.935079	0.987019	-1.01315	10.5617	4.30242	0.362098	1
cg11767181	IGSF21	0.00163216	0.2329482	1.42422	2.44622	0.0180149	7.67354	7.67354	0.0015256	18.5455448	18.5455	0.0001	17.3198	17.3198	0.0001	6.674122	6.674122	0.0001	0.836618	0.836618	0.578653	5.47853	5.47853	0.0001	8.0942702	45.1344	45.1344	0.00138035	17.83407	17.8407	0.0001	83.3155	7.32992	1
cg12547943	IGSF21	0.00196486	0.0425671	-1.797116	-1.25452	0.835135	1.02044	1.02044	0.0302065	1.28081	1.28081	0.00261158	1.49907	1.49907	0.00232379	1.51137	1.51137	0.0056944	1.42212	1.42212	0.00356073	1.46744	1.46744	0.0996905	0.8392274	-1.19151	0.095107	0.83686	-1.19494	9.6918	1.44757	0.132764	1
cg01083050	IGSF21	0.00221139	0.100732	0.64444	-1.55173	0.665729	1.11208	1.11208	0.833385	1.05283	1.05283	0.370033	1.25231	1.25231	0.00441224	0.326109	3.06046	0.343359	1.04954	1.04954	0.052681	1.26581	1.26581	1.73134	1.73134	0.00116158	4.82682	4.82682	0.630831	1.888395	-1.12563	9.36313	8.85786	0.840921	1
cg15564444	IGSF21	0.00040721	0.00038024	0.4459306	-2.24263	0.0136769	0.812262	-1.23111	0.2220932	1.795284	-1.15756	0.3344616	0.837478	-1.19406	0.0014552	0.478978	3.15257	0.1598406	0.687313	1.45537	0.0001	4.42723	4.42723	1.55337	1.28512	1.28512	0.0157383	0.592219	1.60429	7.94823	3.95426	0.44484	1
cg24690231	IGSF21	0.00572677	0.0404004	9.23143	9.23143	0.0163738	15.7172	15.7172	0.0328643	10.4146	10.4146	0.0144743	16.9236	16.9236	0.0362213	9.839	9.839	0.0114546	19.4968	19.4968	0.00237511	53.4082	53.4082	0.00111955	90.4738	90.4738	0.00413407	36.9687	36.9687	7.03957	98.2662	12.4081	1
cg05034656	IGSF21	0.00705759	0.1235353	1.24143	1.24143	0.0458393	0.128853	-1.05547	0.0212787	1.293227	1.293227	0.0139588	1.49133	1.49133	0.0014244	1.31866	1.31866	0.0227469	1.53888	1.53888	0.00044086	2.72387	2.72387	0.0018504	3.1933757	3.1933757	0.197419	1.223313	1.57357	0.197419	1.223313	2.45051	0.3309037	1
cg27114640	IGSF21	0.00774936	0.127011	1.51865	3.51865	0.0234364	7.87588	7.87588	0.115218	3.68744	3.68744	0.0399212	6.1123	6.1123	0.102166	3.9101	3.9101	0.0077644	18.5438	18.5438	0.00629914	54.8883	54.8883	0.0032549	212.9273	212.9273	0.0151853	51.6085	51.6085	1.48249	11.9812	6.67774	0.495422	1
cg01962676	IGSF21	0.01250584	0.110205	5.91961	5.91961	0.058251	8.90122	8.90122	0.045245	10.4487	10.4487	0.0183354	18.6132	18.6132	0.0496842	9.84647	9.84647	0.0386292	11.5513	11.5513	0.00164343	99.9221	99.9221	0.00395065	52.4627	52.4627	0.0114639	25.3115	25.3115	5.49883	90.8724	14.6896	1
cg09454425	IGSF21	0.00248956	0.179174	1.79457	-1.25708	0.0327956	0.13108	-1.33137	0.0307007	1.2502152	-1.46552	0.0726381	1.2533588	-1.25134	0.0014255	0.170755	-5.8525	0.279028	1.19776	1.19776	0.0154204	1.66664	1.66664	0.265004	1.20471	1.20471	0.134201	1.771816	1.29558	4.36359	1.27662	0.301907	1
cg24000241	IGSF21	0.00326182	0.863129	1.04813	1.04813	0.00103452	1.75783	1.75783	0.373739	1.28239	1.28239	0.963227	1.01264	1.01264	0.119293	1.58486	1.58486	0.278709	1.35908	1.35908	0.0238236	2.08489	2.08489	0.065874	1.22403	1.22403	0.365516	1.776258	1.28283	0.96569	1.66171	1.04666	1
cg00386725	IGSF21	0.00222503	0.1	1.16471	1.16471	0.0148384	0.840836	-1.17118	0.0214484	1.68309	1.68309	0.0258766	1.83162	1.83162	0.229777	1.23214	1.23214	0.0260273	1.5844	1.5844	0.00288296	2.79532	2.79532	0.0042153	1.99432	1.99432	0.0080994	1.795167	1.26752	4.68688	1.31153	0.279966	1
cg08844966	IGSF21	0.041322	0.152112	1.2855	1.2855	0.390696	0.865906	-1.15486	0.0548041	1.42841	1.42841	0.058238	1.41961	1.41961	0.411489	1.14737	1.14737	0.8234002	1.03727	1.03727	0.0211262	0.635139	-1.57446	0.842579	1.03099	1.03099	0.0144423	1.63801	1.63801	3.6392	1.5446	0.377274	1
cg08005774	IGSF21	0.00514499	0.883118	1.03224	1.03224	0.177917	1.36176	1.36176	0.0145582	1.91379	1.91379	0.550284	1.15902	1.15902	0.249085	0.771175	1.29672	0.181655	0.736232	-1.35773	0.0166961	0.532478	-1.87801	0.788043	0.943534	-1.05984	0.10155	1.47204	1.47204	5.21114	2.59439	0.654936	1
cg19321200	IGSF21	0.00456464	0.0156106	-2860195	1.03672	0.0152229	0.82626	-1.21129	-0.47129	0.657554	1.23821	0.0871291	0.980444	1.02872	0.0338707	0.605255	1.65163	0.0139195	0.731995	1.36657	0.0001	2.74272	2.74272	0.0001	3.5235156	3.5235156	0.0001	2.74272	1.4411	14.4323	0.68524	0.0001	1
cg21546975	IGSF21	0.00484153	0.0358455	0.397939	-2.51295	0.2689058	0.747875	-1.33712	0.274785	0.750717	-1.33206	0.186697	0.702437	-1.42362	0.00799965	0.424152	2.35764	0.691167	0.904148	-1.10601	0.255903	1.34888	1.34888	0.776045	0.930559	-1.07462	0.111144	0.645373	-1.54949	3.43785	3.46693	0.896409	1
cg14860499	IGSF21	0.00492684	0.41538	1.8122304	1.8122304	0.0368352	1.76563	1.76563	0.0330777	1.83157	1.83157	0.0162319	1.45163	1.45163	0.0017455	0.561358	1.78144	0.0078016	0.465942	-2.1865	0.0001	4.26703	4.26703	0.0001	3.7945425	3.7945425	0.0001	2.78462	0.256196	1.34458	0.190538	0.828574	1	1
cg21578219	IGSF21;IGSF21	0.0328708	0.0372477	0.344004	-2.9904	0.156839	1.98575	1.98575	?	?	?	?	0.227904	1.77426	1.74726	0.0047308	1.05332	0.05332	0.625163	2.9489	2.9489	0.152761	2.00124	2.00124	?	?	0.00725824	0.208248	0.840196	0.41241	10.3714	2.88929	1
cg23349790	IGSF21;IGSF21	0.0482004	0.505805	0.871161	-1.14789	0.2863383	0.797575	-1.2538	0.87781	0.969057	-1.03193	0.00269579	0.428682	-2.33273	0.0529657	0.63807	-1.56722	0.5525247	0.641505	-1.55883	0.999379	1.00016	1.00016	0.815363	0.953336	-1.04895	0.15594	1.36359	1.36359	3.43555	2.27098	0.587576	1
cg08152437	IGSF22	0.00146503	0.1	1.29343	1.29343	0.0588353	0.128853	-1.05547	0.0212787	1.293227	1.293227	0.0139588	1.49133	1.49133	0.0014244	1.31866	1.31866	0.0227469	1.53888	1.53888	0.00044086	2.72387	2.72387	0.0018504	3.1933757	3.1933757	0.197419	1.223313	1.57357	0.197419	1.223313	2.45051	0.3309037	1
cg27114640	IGSF21	0.00774936	0.127011	1.51865	3.51865	0.0234364	7.87588	7.87588	0.115218	3.68744	3.68744	0.0399212	6.1123	6.1123	0.102166	3.9101	3.9101	0.0077644	18.5438	18.5438	0.00629914	54.8883	54.8883	0.0032549	212.9273	212.9273	0.0151853	51.6085	51.6085	1.48249	11.9812	6.67774	0.495422	1
cg01962676	IGSF21	0.01250584	0.110205	5.91961	5.91961	0.058251	8.90122	8.90122	0.045245	10.4487	10.4487	0.0183354	18.6132	18.6132	0.0496842	9.84647	9.84647	0.0386292	11.5513	11.5513	0.00164343	99.9221	99.9221	0.00395065	52.4627	52.4627	0.0114639	25.3115	25.3115	5.49883	90.8724	14.6896	1
cg09454425	IGSF21	0.00248956	0.179174	1.79457	-1.25708	0.0327956	0.13108	-1.33137	0.0307007	1.2502152	-1.46552	0.0726381	1.2533588	-1.25134	0.0014255	0.170755	-5.8525	0.279028	1.19776	1.19776	0.0154204	1.66664	1.66664	0.265004	1.20471	1.20471	0.134201	1.771816	1.29558	4.36359	1.27662	0.301907	1
cg24000241	IGSF21	0.00326182	0.863129	1.04813	1.04813	0.00103452	1.75783	1.75783	0.373739	1.28239	1.28239	0.963227	1.01264	1.01264	0.119293	1.58486	1.58486	0.278709	1.35908	1.35908	0.0238236	2.08489	2.08489	0.065874	1.22403	1.22403	0.365516	1.776258	1.28283	0.96569	1.66171	1.04666	1
cg00386725	IGSF21	0.00222503	0.1	1.16471	1.16471	0.0148384	0.840836	-1.17118	0.0214484	1.68309	1.68309	0.0258766	1.83162	1.83162	0.229777	1.23214	1.23214	0.0260273	1.5844	1.5844	0.00288296	2.79532	2.79532	0.0042153	1.99432	1.99432	0.0080994	1.795167	1.26752	4.68688	1.31153	0.279966	1
cg08844966	IGSF21	0.041322	0.152112	1.2855	1.2855	0.390696	0.865906	-1.15486	0.0548041	1.42841	1.42841	0.058238	1.41961	1.41961	0.411489	1.14737	1.14737	0.8234002	1.03727	1.03727	0.0211262	0.635139	-1.57446	0.842579	1.03099	1.03099	0.0144423	1.63801	1.63801	3.6392	1.5446	0.377274	1
cg08005774	IGSF21	0.00514499	0.883118	1.03224	1.03224	0.177917	1.36176	1.36176	0.0145582	1.91379	1.91379	0.550284	1.15902	1.15902	0.249085	0.771175	1.29672	0.181655	0.736232	-1.35773	0.0166961	0.532478	-1.87801	0.788043	0.943534	-1.05984	0.10155	1.47204	1.47204	5.21114	2.59439	0.654936	1
cg19321200	IGSF21	0.00456464	0.0156106	-2860195	1.03672	0.0152229	0.82626	-1.21129	-0.47129	0.657554	1.23821	0.0871291	0.980444	1.02872	0.0338707	0.605255	1.65163	0.0139195	0.731995	1.36657	0.0001	2.74272	2.74272	0.0001	3.5235156	3.5235156	0.0001	2.74272	1.4411	14.4323	0.68524	0.0001	1
cg21546975	IGSF21	0.00484153	0.0358455	0.397939	-2.51295	0.2689058	0.747875	-1.33712	0.274785	0.750717	-1.33206	0.186697	0.702437	-1.42362	0.00799965	0.424152	2.35764	0.691167	0.904148	-1.10601	0.255903	1.34888	1.34888	0.776045	0.930559	-1.07462	0.111144	0.645373	-1.54949	3.43785	3.46693	0.896409	1
cg14860499	IGSF21	0.00492684	0.41538	1.8122304	1.8122304	0.0368352	1.76563	1.76563	0.0330777	1.83157	1.83157	0.0162319	1.45163	1.45163	0.0017455	0.561358	1.78144	0.0078016	0.465942	-2.1865	0.0001	4.26703	4.26703	0.0001	3.7945425	3.7945425	0.0001	2.78462	0.256196	1.34458	0.190538	0.828574	1	1
cg21578219	IGSF21;IGSF21	0.0328708	0.0372477	0.344004	-2.9904	0.156839	1.98575	1.98575	?	?	?	?	0.227904	1.77426	1.74726	0.0047308	1.05332	0.05332	0.625163	2.9489	2.9489	0.152761	2.00124	2.00124	?	?	0.00725824	0.208248	0.840196	0.41241	10.3714	2.88929	1
cg23349790	IGSF21;IGSF21	0.0482004	0.505805	0.871161	-1.14789	0.2863383	0.797575	-1.2538	0.87781	0.969057	-1.03193	0.00269579	0.428682	-2.33273	0.0529657	0.63807	-1.56722	0.5525247	0.641505	-1.55883	0.999379	1.00016	1.00016	0.815363	0.953336	-1.04895	0.15594	1.36359	1.36359	3.43555	2.27098	0.587576	1
cg10524437	IGSF22	0.00146503	0.1	1.29343	1.29343	0.0588353	0.128853	-1.05547	0.0212787	1.293227	1.293227	0.0139588	1.49133	1.49133	0.0014244	1.31866	1.31866	0.0227469	1.53888	1.53888	0.00044086	2.72387	2.72387	0.0018504	3.1933757	3.1933757	0.197419	1.223313	1.57357	0.197419	1.223313	2.45051	0.3309037	1
cg16007541	IGSF22	0.0119502	0.00298861	0.132729	-7.53414	0.0698425	0.365961	-2.73253	0.700646	0.825682	-1.21112	0.926589	0.955333	-1.04676	0.00631085	0.170495	5.86527	0.322335	0.602276	-1.66037	0.00428026	0.124241	-8.04886	0.028209	0.276684	-3.61423	0.0235555	0.267673	-3.7359	58.0102	7.54326	0.130019	1
cg05032399	IGSF22	0.027271	0.1636307	0.3442633	-2.90434	0.2636769	0.812262	-1.23111	0.2220932	1.795284	-1.15756	0.3344616	0.837478	-1.19406	0.0014552	0.478978	3.15257	0.1598406	0.687313	1.45537	0.0001	4.42723	4.42723	1.55337	1.28512	1.28512	0.0157383	0.592219	1.60429	7.94823	3.95426	0.44484	1
cg24491918	IGSF22	0.0045746	0.0200832	0.607939	-1.6449	0.0542418	0.678667	-1.47348	0.320676	0.833542	-1.1997	0.842423	1.03595	1.03595	0.0833853	0.711713	1.40506	0.496342	1.02605	1.02605	0.0001	2.83527	2.83527	0.0001	2.7842	2.7842	0.256196	1.34458	1.3838	0.828574	1	1
cg21578219	IGSF21;IGSF21	0.0328708	0.0372477	0.344004	-2.9904	0.156839	1.98575	1.98575	?	?	?	?	0.227904	1.77426	1.74726	0.0047308	1.05332	0.05332	0.625163	2.9489	2.9489	0.152761	2.00124	2.00124	?	?	0.00725824	0.208248	0.840196	0.41241	10.3714	2.88929	1
cg23349790	IGSF21;IGSF21	0.0482004	0.505805	0.871161	-1.14789	0.2863383	0.797575	-1.2538	0.87781	0.969057	-1.03193	0.00269579	0.428682	-2.33273	0.0529657	0.63807	-1.56722	0.5525247	0.641505	-1.55883	0.999379	1.00016	1.00016	0.815363	0.953336	-1.04895	0.15594	1.36359	1.36359	3.43555	2.27098	0.587576	1
cg10524437	IGSF22	0.00146503	0.1	1.29343	1.29343	0.0588353	0.128853	-1.05547	0.0212787	1.293227	1.293227	0.0139588	1.49133	1.49133	0.0014244	1.31866	1.31866	0.0227469	1.53888	1.53888	0.00044086	2.72387	2.72387	0.0018504	3.1933757	3.1933757	0.197419	1.223313	1.57357	0.197419	1.223313	2.45051	0.3309037	1
cg16007541	IGSF22	0.0119502	0.00298861	0.132729	-7.53414	0.0698425	0.365961	-2.73253	0.700646	0.825682	-1.21112	0.926589	0.955333	-1.04676	0.00631085	0.170495	5.86527	0.322335	0.602276	-1.66037	0.00428026	0.124241	-8.04886	0.028209	0.276684	-3.61423	0.0235555	0.267673	-3.7359	58.0102	7.54326	0.130019	1
cg05032399	IGSF22	0.027271	0.1636307	0.3442633	-2.90434	0.2636769	0.812262	-1.23111	0.2220932	1.795284	-1.15756	0.3344616	0.837478	-1.19406	0.0014552	0.478978	3.15257	0.1598406	0.687313	1.45537	0.0001	4.42723	4.42723	1.55337	1.28512	1.28512	0.0157383	0.592219	1.60429	7.94823	3.95426	0.44484	1
cg24491918	IGSF22	0.0045746	0.0200832	0.607939	-1.6449	0.0542418	0.678667	-1.47348	0.320676	0.833542	-1.1997	0.842423	1.03595	1.03595	0.0833853	0.711713	1.40506	0.496342	1.02605	1.02605	0.0001	2.83527	2.83527	0.0001	2.7842	2.7842	0.256196	1.34458	1.3838	0.828574	1	1
cg08458198	IGSF22	0.0057383	0.157134	1.32943	1.32943	0.0459387	0.128853

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16293631	IKZF3;IKZF3;IKZF3;IKZF3;IKZF3;IKZF3	0.0056699	0.0249049	0.138523	-7.219	0.163673	0.339088	-2.94909	0.76748	1.23821	1.23821	0.941391	0.948413	-1.05439	0.178363	0.353566	-2.82833	?	?	?	0.398569	0.535367	-1.86788	0.00026681	108.483	108.483	0.869163	0.888017	-1.1261	8.31745	59.4752	6.25682	1
cg00716716	IKZF3;IKZF3;IKZF3;IKZF3;IKZF3;IKZF3	0.00640541	0.00324091	0.0948598	-10.5419	0.00169861	0.072105	-13.8687	0.0159592	0.177143	-5.64517	0.0506077	0.270722	-3.69382	0.00599913	0.121668	-8.21911	0.068407	0.302171	-3.30939	0.00263226	0.0869791	-11.497	0.0224867	0.20121	-4.96994	0.0544811	0.278094	-3.59591	6.80022	37.0581	4.84404	1
cg13878456	IKZF3;IKZF3;IKZF3;IKZF3;IKZF3;IKZF3	0.00851823	0.0978639	1.91099	1.91099	0.0321368	0.408572	-2.44755	0.0558612	0.46184	-2.16525	0.107709	1.87015	1.87015	0.916305	1.0382	1.0382	0.059426	0.468215	-2.13577	0.0426096	2.29907	2.29907	0.0018846	4.81294	4.81294	0.187549	1.64559	1.64559	6.21981	12.5286	1.79049	1
cg20709984	IKZF3;IKZF3;IKZF3;IKZF3;IKZF3;IKZF3	0.0248064	0.996625	0.997651	-1.00235	0.659144	0.781297	-1.27992	0.00163802	0.0814745	-12.2738	0.165656	0.439536	-2.27513	0.00828937	0.153105	-6.53147	0.109895	0.379508	-2.63499	0.0205049	0.211807	-4.72129	0.0999226	0.367019	-2.72465	0.759204	0.842874	-1.18642	4.36902	21.3894	4.35173	1
cg03922997	IKZF4	0.0022219	0.523855	0.894257	-1.11825	0.000786777	0.415578	-2.40629	0.000196735	0.338624	-2.95313	0.739512	0.943903	-1.05943	0.00282056	0.490788	-2.03754	0.00757337	0.551934	-1.81181	0.116713	0.744619	-1.34297	0.62285	0.91781	-1.08955	0.0170811	0.604708	-1.65369	9.35015	4.4327	0.421403	1
cg00026033	IKZF4	0.0164343	0.0443142	0.461659	-2.1661	0.0566739	0.48587	-2.05816	0.881565	0.951341	-1.05115	0.361514	0.730632	-1.36868	0.447934	0.771992	-1.29535	0.0227003	0.401472	-2.49084	0.000434166	0.155459	-6.43255	0.0803047	0.522484	-1.91394	0.0920701	0.537689	-1.85981	5.02597	8.91174	1.57612	1
cg24414325	IKZF4	0.0215492	0.104944	0.447131	-2.23648	0.00157502	0.127191	-7.8622	0.391135	1.49056	1.49056	0.239234	0.571276	-1.75047	0.190159	0.53243	-1.87818	0.0349175	0.327366	-3.05468	0.00995873	0.227958	-4.38677	0.0505106	0.363324	-2.75237	0.142372	0.488509	-2.04705	4.58637	14.9898	2.90518	1
cg23363971	IKZF4;IKZF4	0.041839	0.00679793	0.0941852	-10.6174	0.149022	0.352599	-2.83609	0.619263	1.40134	1.40134	0.202979	0.404415	-2.47271	0.0344604	0.189871	-5.26673	0.116398	0.316862	-3.15595	0.0167574	0.139922	-7.14686	0.0237102	0.162207	-6.16495	0.12917	0.331377	-3.01771	3.62248	26.0338	6.38821	1
cg16295676	IKZF5	0.0292683	0.0421612	0.279123	-3.58265	0.0152253	0.196945	-5.07757	0.0608705	0.31608	-3.16376	0.697338	0.808116	-1.23745	0.0819139	0.349647	-2.86003	0.222813	0.49742	-2.01037	0.00247131	0.100846	-9.91616	0.0168567	0.204038	-4.90104	0.149539	0.430702	-2.32179	4.12277	19.403	4.18337	1
cg00931497	IKZF5;ACADSB	0.00564644	0.050562	0.572863	-1.74562	0.0181797	2.04837	2.04837	0.031781	0.532971	-1.87628	0.26044	1.34109	1.34109	0.255766	1.34532	1.34532	0.000653069	0.27078	-3.69303	0.0841045	0.620109	-1.61262	0.4851	0.837464	-1.19408	0.182656	1.42419	1.42419	7.07024	7.0005	0.880121	1
cg01208243	IKZF5;ACADSB	0.0293992	0.44399	1.10727	1.10727	0.527959	1.08707	1.08707	0.015439	1.47406	1.47406	0.239998	1.17426	1.17426	0.00384631	1.66299	1.66299	0.00759113	1.56568	1.56568	0.353122	0.882718	-1.13286	0.913496	0.985912	-1.01429	0.205643	1.19045	1.19045	4.11626	1.1114	0.240003	1
cg22262889	IKZF5;ACADSB	0.0463973	0.860882	0.969747	-1.0312	0.0855281	1.39495	1.39495	0.0996071	1.37173	1.37173	0.486997	0.883662	-1.13165	0.298362	0.827967	-1.20778	?	?	?	0.00403804	1.96654	1.96654	0.231402	0.802652	-1.24587	0.597257	1.09788	1.09788	3.53787	1.52755	0.431769	1
cg26346104	IKZF5;ACADSB	0.0474949	0.662717	1.13335	1.13335	0.752469	1.09444	1.09444	0.973563	0.990593	-1.0095	0.0419349	0.512407	-1.95157	0.440628	0.799079	-1.25144	0.0120826	0.409621	-2.44128	0.04924	1.89685	1.89685	0.348242	1.31712	1.31712	0.0695047	1.78439	1.78439	3.45474	4.45106	1.14524	1
cg14958757	IKZF5;IKZF5;ACADSB	0.02068	0.365659	1.33203	1.33203	0.118547	0.592927	-1.68655	0.936388	1.02493	1.02493	0.00424022	0.307052	-3.25677	0.663265	1.1447	1.1447	0.00597706	0.330063	-3.02973	0.103732	0.577632	-1.73121	0.0734444	1.85089	1.85089	0.744004	0.903863	-1.10636	4.65133	7.00937	1.33952	1
cg17834180	IKZF5;IKZF5;ACADSB	0.026974	0.593356	0.956699	-1.04526	0.141497	1.13865	1.13865	0.03875	1.21721	1.21721	0.669281	1.03592	1.03592	0.134761	1.1416	1.1416	0.725108	1.02942	1.02942	0.422753	0.934962	-1.06956	0.0494435	1.20218	1.20218	0.00108419	1.48608	1.48608	4.2431	0.453281	0.094958	1
cg17744604	IL10	0.0122824	0.731672	0.932975	-1.07184	0.12152	0.712948	-1.40263	0.000429725	0.325302	-3.07407	0.127379	0.717287	-1.39414	0.15427	0.735376	-1.35985	0.767302	1.06163	1.06163	0.0131137	0.537905	-1.85907	0.285325	1.25066	1.25066	0.0800289	0.676059	-1.47916	5.53156	3.55902	0.571914	1
cg17067005	IL10	0.0480994	0.510154	0.847851	-1.17945	0.261958	0.749015	-1.33509	0.981841	0.994393	-1.00564	0.732366	1.08851	1.08851	0.0181097	2.0322	2.0322	0.576853	0.869993	-1.14943	0.00954594	2.25014	2.25014	0.0920656	1.58115	1.58115	0.0464503	1.7568	1.7568	3.43828	3.32387	0.859311	1
cg26661481	IL10RA;IL10RA	3.56E-05	0.00305111	0.676988	-1.47713	0.231238	0.886284	-1.12831	1.51E-06	0.310189	-3.22384	0.917832	1.00997	1.00997	2.19E-05	0.440502	-2.27014	0.65693	1.04391	1.04391	0.000263665	0.561976	-1.77944	0.635999	1.0469	1.0469	0.00725883	0.716814	-1.39506	29.1075	4.26022	0.130099	1
cg05468843	IL10RA;IL10RA	0.000290194	0.846393	0.968451	-1.03258	0.00020835	0.358488	-2.7895	0.000759469	0.430185	-2.32458	0.737142	1.05726	1.05726	0.000107122	0.323195	-3.09411	0.0148125	0.60922	-1.64144	0.0415681	1.4746	1.4746	0.00556179	1.82578	1.82578	0.157476	0.778917	-1.28383	16.6004	7.18276	0.38461	1
cg07237926	IL10RA;IL10RA	0.000601192	0.211861	1.28602	1.28602	0.000854032	0.383548	-2.60723	0.977352	0.994585	-1.00544	0.97375	1.00631	1.00631	0.000542004	0.357509	-2.79713	0.0041434	0.479409	-2.0859	0.00219068	2.27428	2.27428	0.00121658	0.404291	-2.47346	0.0397809	0.634662	-1.57564	13.5764	7.86637	0.515037	1
cg00394040	IL10RA;IL10RA	0.021279	0.235665	0.855573	-1.16881	0.18623	0.838712	-1.1923	0.0402346	1.34644	1.34644	0.701743	0.952852	-1.04948	0.238355	0.856409	-1.16767	0.740846	1.04254	1.04254	0.00685579	0.644377	-1.55189	0.00288235	0.597863	-1.67262	0.4961	0.916916	-1.09061	4.60621	1.14921	0.221771	1
cg03153360	IL11	0.000168208	0.000244628	1.6499	1.6499	0.0126898	0.77424	-1.29159	0.00918869	0.760929	-1.31418	0.400663	1.07365	1.07365	0.000197929	0.596577	-1.67623	0.0287854	0.808155	-1.23739	0.202814	0.894886	-1.11746	4.86E-05	0.532013	-1.87966	0.542868	0.950395	-1.05219	19.2524	2.08053	0.0960587	1
cg26637171	IL11	0.000233678	0.912222	1.0228	1.0228	0.0691026	1.51549	1.51549	0.0182419	0.556693	-1.79632	0.241145	1.28506	1.28506	0.000113607	0.250295	-3.99529	0.000607765	0.339598	-2.94465	3.63E-05	0.196754	-5.08248	0.00375628	0.449505	-2.22467	0.208659	0.762679	-1.31117	17.6108	11.6534	0.588195	1
cg16481281	IL11	0.0140646	0.252872	0.874034	-1.14412	0.0034911	0.639682	-1.56328	0.0146616	0.712659	-1.4032	0.00615477	0.668381	-1.49615	0.609573	0.943588	-1.05978	0.481563	0.922519	-1.08399	0.201416	1.16427	1.16427	0.0982598	0.815105	-1.22684	0.109848	1.21712	1.21712	5.29187	1.06521	0.178925	1
cg06226724	IL11RA	0.0142633	0.0080986	0.334574	-2.98888	0.653576	0.864265	-1.15705	0.502584	0.802751	-1.24572	0.00786428	3.00769	3.00769	0.410188	0.761886	-1.31253	0.784245	0.915192	-1.09267	0.0520706	2.0413	2.0413	0.0390824	2.16221	2.16221	0.0514051	0.488622	-2.04657	5.2675	8.69879	1.46792	1
cg20628791	IL11RA	0.0252488	0.113162	0.622717	-1.60587	0.553003	0.84799	-1.17926	0.954495	1.0158	1.0158	0.0166769	2.23212	2.23212	0.944902	0.98119	-1.01917	0.55157	1.17998	1.17998	0.164171	1.50355	1.50355	0.00140027	3.56592	3.56592	0.330314	1.31783	1.31783	4.34225	5.19097	1.06263	1
cg21504624	IL11RA;IL11RA;IL11RA	0.0224778	0.0561203	0.477583	-2.09388	0.00317505	0.252429	-3.9615	0.0033295	0.255333	-3.91645	0.320025	0.70397	-1.42052	0.0793126	0.514059	-1.9453	0.199347	0.629247	-1.5892	0.0238424	0.398044	-2.51229	0.0830726	0.519175	-1.92613	0.9249	1.03273	1.03273	4.52046	8.35473	1.64285	1
cg14080298	IL11RA;IL11RA;IL11RA	0.0260509	0.0277849	0.454913	-2.19822	0.35863	1.33093	1.33093	0.454444	1.25956	1.25956	0.129014	1.64347	1.64347	0.00552708	0.331425	-3.01728	0.752599	0.908672	-1.10051	0.436219	1.27197	1.27197	0.0130982	0.393783	-2.53947	0.600804	0.852234	-1.17339	4.29514	6.23949	1.29128	1
cg25777557	IL12A	5.45E-05	0.117224	0.693269	-1.44244	0.585035	1.12604	1.12604	0.000106044	0.229167	-4.36363	0.0139249	1.92324	1.92324	1.83E-06	0.0776209	-12.8831	0.0576922	1.58732	1.58732	0.731709	1.07691	1.07691	0.712497	0.923408	-1.08294	0.141841	1.40499	1.40499	26.0194	19.0998	0.652497	1
cg14995416	IL12A	0.00522331	0.864574	1.03445	1.03445	0.000303078	0.311918	-3.20597	0.0173409	0.562751	-1.77698	0.360139	0.829728	-1.20521	0.00651112	0.49582	-2.01686	0.928409	1.01799	1.01799	0.340144	1.21536	1.21536	0.093861	1.44124	1.44124	0.206477	0.767694	-1.3026	7.24123	4.51432	0.55415	1
cg15442746	IL12A	0.0312476	0.301174	0.723978	-1.38126	0.203668	1.49859	1.49859	0.659288	0.874784	-1.14314	0.287773	0.716937	-1.39482	0.23513	0.687165	-1.45525	0.130983	0.611606	-1.63504	0.0124576	0.391588	-2.5537	0.13766	1.61936	1.61936	0.00405338	0.312387	-3.20116	4.02798	5.79933	1.27979	1
cg21718660	IL12A	0.0373454	0.0275696	0.615461	-1.6248	0.0618358	0.675858	-1.4796	0.0182947	0.58656	-1.70485	0.0472878	0.655202	-1.52625	0.0663654	0.681419	-1.46753	0.288462	0.814416	-1.22787	0.00680167	0.520347	-1.92179	0.0198685	0.592297	-1.68834	0.0928259	0.708583	-1.41127	3.77704	2.07589	0.488541	1
cg21116673	IL12B	2.24E-06	0.00203781	0.535035	-1.86904	0.361725	1.14435	1.14435	2.37E-06	0.191849	-5.21243	0.352431	1.14754	1.14754	3.76E-07	0.122768	-8.14543	0.000221393	0.412834	-2.42228	0.552789	1.0902	1.0902	3.36E-06	0.206714	-4.8376	7.11E-06	0.239943	-4.16765	59.6955	19.5561	0.291198	1
cg12368524	IL12B	3.65E-05	0.548106	0.944185	-1.05911	0.585326	0.949266	-1.05345	0.692043	0.963078	-1.03834	0.724284	1.03403	1.03403	0.000885318	0.624519	-1.60123	0.000774709	0.618301	-1.61734	6.83E-07	0.279157	-3.58221	0.00908531	1.36789	1.36789	0.773223	1.02768	1.02768	28.931	4.09191	0.125721	1
cg16045612	IL12B	0.000209863	0.601707	0.92537	-1.08065	0.315778	0.858332	-1.16505	0.0476771	1.3959	1.3959	0.21827	0.826354	-1.21014	0.0543782	0.725054	-1.37921	0.089917	0.759337	-1.31694	3.18E-06	5.08675	5.08675	0.0955117	1.30959	1.30959	0.992614	1.00136	1.00136	18.1328	6.22965	0.305384	1
cg25093583	IL12B	0.00591536	0.0753678	0.835641	-1.19669	0.00473996	0.71162	-1.40524	0.014005	0.759431	-1.31677	0.225497	0.890969	-1.12237	0.205138	0.885817	-1.1289	0.981246	0.99787	-1.00213	0.105732	1.17383	1.17383	0.507814	0.940885	-1.06283	0.00155444	1.51072	1.51072	6.96965	0.907972	0.1158	1
cg06111286	IL12B	0.0214819	0.990476	1.00457	1.00457	0.382193	0.710361	-1.40774	0.0113877	0.298576	-3.34923	0.283651	1.52967	1.52967	0.0168523	0.328672	-3.04254	0.699885	0.8626	-1.15929	0.133238	0.538981	-1.85535	0.00157111	0.176779	-5.65679	0.530025	0.784468	-1.27475	4.59128	10.5882	2.04992	1
cg18307303	IL12B;IL12B	0.00105384	0.00191172	0.472572	-2.11608	0.0125442	1.69809	1.69809	0.000350186	0.375331	-2.66431	0.00656952	0.547731	-1.82572	0.0333326	0.654342	-1.52825	0.0412195	0.669251	-1.49421	0.000673743	0.412003	-2.42717	0.0712256	0.709194	-1.41005	0.0393919	0.666042	-1.50141	11.5927	5.33926	0.409396	1
cg09577367	IL12RB1;IL12RB1	0.000946438	0.000645075	0.113945	-8.77619	0.00081411	0.123136	-8.12107	0.000484899	0.103354	-9.67545	0.00274659	0.180017	-5.55503	0.00307411	0.186101	-5.37343	0.0162546	0.295416	-3.38506	0.0117006	0.270641	-3.69493	0.000612159	0.111946	-8.93289	0.00859727	0.24896	-4.0167	11.9515	32.5843	2.42345	1
cg01574571	IL12RB1;IL12RB1	0.00183478	0.000541729	0.0848011	-11.7923	0.00631749	0.195619	-5.11198	0.00169815	0.127858	-7.82118	0.00974446	0.223167	-4.48096	0.000770109	0.0966808	-10.3433	0.203848	0.540491	-1.85017	0.0396312	0.33566	-2.97921	0.00191823	0.133256	-7.50433	0.00725592	0.20411	-4.89931	9.88672	32.9596	2.96331	1
cg09365686	IL12RB1;IL12RB1	0.00200151	0.62377	1.14623	1.14623	0.529061	0.838584	-1.19249	0.70915	0.901734	-1.10898	0.757521	1.08925	1.08925	0.273778	0.730229	-1.36943	0.93762	1.02184	1.02184	2.98E-05	0.104716	-9.54962	0.00511115	0.360116	-2.77689	0.116351	0.624334	-1.60171	9.63979	11.6353	1.0729	1
cg26586739	IL12RB1;IL12RB1	0.0146204	0.146211	0.563478	-1.77469	0.0769254	0.485116	-2.06136	0.0329142	0.399505	-2.5031	0.748153	1.12577	1.12577	0.00170448	0.192499	-5.19482	0.0877905	0.5001	-1.9996	0.00203524	0.201987	-4.95081	0.0484389	0.436402	-2.29147	0.28281	0.66338	-1.50743	5.22475	11.191	1.90393	1
cg12123019	IL12RB1;IL12RB1	0.0429577	0.0595315	0.442261	-2.26111	0.460115	0.74938	-1.33444	0.00527418	0.243881	-4.10037	0.0508434	0.425944	-2.34773	0.0417156	0.406331	-2.46105	0.284826	0.652987	-1.53142	0.0821873	0.477725	-2.09326	0.00887016	0.278661	-3.58859	0.166061	0.567456	-1.76225	3.58716	8.36114	2.07187	1
cg20253742	IL12RB2	7.86E-05	0.767539	0.967026	-1.0341	0.0255284	1.35011	1.35011	3.24E-06	0.287622	-3.47679	0.000123299	0.468804	-2.13309	0.245449	0.871605	-1.14731	0.371165	1.10946	1.10946	0.422006	0.911395	-1.09722	0.00369072	0.641537	-1.55876	0.00108075	0.579327	-1.72614	23.6127	4.78508	0.180132	1
cg11242303	IL12RB2	0.000638207	0.0853907	0.798697	-1.25204	0.132919	1.21122	1.21122	0.540895	1.07591	1.07591	0.97611	0.996467	-1.00355	0.00496591	0.644285	-1.55211	0.470468	0.916877	-1.09066	1.26E-05	0.337338	-2.96439	0.0827095	1.255	1.255	0.380905	0.899216	-1.11208	13.3518	2.95431	0.196682	1
cg14849855	IL12RB2	0.00108906	0.0621248	1.54047	1.54047	0.00032786	3.30025	3.30025	0.0352086	0.603702	-1.65645	0.118295	1.4175	1.4175	0.039363	0.61238	-1.63297	0.943896	0.985624	-1.01459	0.145979	1.37868	1.37868	0.000157808	3.77989	3.77989	0.37342	1.20682	1.20682	11.4849	7.69926	0.595895	1
cg04311496	IL12RB2	0.0020025	0.924846	1.01529	1.01529	0.0103829	0.595101	-1.68039	0.0053061	1.80547	1.80547	0.2125	1.23511	1.23511	0.695865	1.06521	1.06521	0.350482	1.16711	1.16711	0.0240198	0.648634	-1.5417	0.000224483	2.68364	2.68364	0.0315396	1.50002	1.50002	9.6384	3.94731	0.364036	1
cg23042676	IL12RB2	0.00687667	0.0999357	1.28101	1.28101	0.00228338	1.79676	1.79676	0.0181244	0.674209	-1.48322	0.789752	1.03739	1.03739	0.179277	1.21649	1.21649	0.035295	1.40041	1.40041	0.0127251	1.53001	1.53001	0.197979	0.829517	-1.20552	0.0690158	0.756156	-1.32248	6.65186	1.98806	0.265664	1
cg12633410	IL12RB2	0.0104351	0.638984	1.15667	1.15667	0.101857	0.576036	-1.736	0.022226	0.42989	-2.32618	0.809582	0.928338	-1.07719	0.0066067	0.337511	-2.96287	0.234598	1.4678	1.4678	0.000601062	0.195877	-5.10523	0.745003	0.904365	-1.10575	0.560337	0.834118	-1.19887	5.83053	8.76131	1.3357	1
cg09018107	IL12RB2	0.0136632	0.0643328	0.525863	-1.90164	0.0577859	0.515122	-1.94129	0.000676342	0.200494	-4.98767	0.00358332	0.295274	-3.38668	0.216399	0.668811	-1.49519	0.308784	0.722	-1.38504	0.17118	0.637278	-1.56917	0.777263	1.09166	1.09166	0.0737177	0.539843	-1.85239	5.34243	8.09082	1.34617	1
cg02566391	IL12RB2	0.019256	0.0114502	0.267848	-3.73346	0.9942	0.996978	-1.00303	0.055257	0.40466	-2.47121	0.122553	0.498248	-2.00703	0.00502333	0.213262	-4.68908	0.0458492	0.385598	-2.59337	0.0211342	0.31527	-3.17188	0.440847	1.38715	1.38715	0.012598	0.274825	-3.63868	4.76544	13.0828	2.44031	1
cg03975876	IL12RB2;IL12RB2	0.0284992	0.0637266	0.483664	-2.06755	0.00631004	0.289504	-3.45418	0.331753	1.4176	1.4176	0.15289	0.586559	-1.70486	0.0203397	0.377335	-2.65016	0.0994408	1.87635	1.87635	0.0543236	0.467225	-2.1403	0.143492	0.578215	-1.72946	0.453173	0.766205	-1.30513	4.16177	8.00475	1.70969	1
cg04303330	IL13	0.00262289	0.758519	1.06271	1.06271	0.414185	1.17898	1.17898	0.0165524	0.561337	-1.78146	0.821378	0.956374	-1.04562	0.000200516	0.291956	-3.42518	0.830493	0.958595	-1.04319	0.745092	1.06646	1.06646	0.00212678	0.426723	-2.34344	0.0338742	1.63005	1.63005	8.90523	5.48769	0.547762	1
cg13566430	IL13	0.00543488	0.788343	1.06183	1.06183	0.0238882	1.82384	1.82384	0.0523345	0.611411	-1.63556	0.107591	1.47922	1.47922	0.000868385	0.328224	-3.0467	0.0771368	0.645225	-1.54985	0.037252	0.583293	-1.7144	0.0237266	0.547774	-1.82557	0.296054	1.27324	1.27324	7.15366	5.63157	0.699759	1
cg06967316	IL13	0.00852349	0.219391	0.804564	-1.24291	0.948135	0.989107	-1.01101	0.454281	0.879557	-1.13694	0.874683	0.973776	-1.02693	0.000193029	0.347588	-2.87697	0.762799	1.05228	1.05228	0.139899	1.3066	1.3066	0.745813	1.05629	1.05629	0.0222688	0.630488	-1.58607	6.21859	2.79198	0.399087	1
cg14523284	IL13	0.0109464	0.720215	0.950706	-1.05185	0.0370901	0.711618	-1.40525	0.00384214	0.578336	-1.7291	0.340166	0.870957	-1.14816	0.351603	1.14423	1.14423	0.673555	1.06136	1.06136	0.00368431	1.73622	1.73622	0.189176	0.822426	-1.21591	0.0479044	0.727696	-1.3742	5.74154	1.7963	0.278097	1
cg06584121	IL13	0.0193449	0.810371	0.951286	-1.05121	0.0354712	1.66305	1.66305	0.294779	0.797926	-1.25325	0.0702221	0.656741	-1.52267	0.00362036	0.441293	-2.26607	0.848812	0.961127	-1.04045	0.0562709	1.56689	1.56689	0.154669	1.37228	1.37228	0.119549	0.704044	-1.42037	4.75801	3.25242	0.607616	1
cg18751919	IL13RA1	0.000749333	0.80014	1.07391	1.07391	0.00427479	0.341534	-2.92796	0.0053836	0.357034	-2.80086	0.822297	1.06527	1.06527	9.59E-05	0.142108	-7.03691	0.781484	0.924819	-1.08129	0.000785369	4.1658	4.1658	0.464972	0.811381	-1.23247	0.344082	0.760384	-1.31512	12.7647	15.9712	1.11217	1
cg23508470	IL13RA1	0.0063629	0.751543	0.947182	-1.05576	0.0298684	0.646235	-1.54742	0.00898521	0.566896	-1.76399	0.0054839	0.535865	-1.86614	0.000256781	0.357653	-2.79601	0.683934	1.07243	1.07243	0.287345	0.828006	-1.20772	0.606271	0.91501	-1.09288	0.193428	0.790488	-1.26504	6.81427	3.14993	0.410893	1
cg25968748	IL13RA1	0.0483225	0.00567691	0.0985826	-10.1438	0.460334	0.618796	-1.61604	0.650289	0.747188	-1.33835	0.350379	1.8474	1.8474	0.797074	1.17885	1.17885	0.0335267	0.20478	-4.88329	0.0270867	0.188087	-5.3167	0.0543135	0.247986	-4.03249	0.220199	0.439062	-2.27758	3.43227	22.1647	5.74021	1
cg18139692	IL13RA2	0.000314235	0.00020368	0.108874	-9.18495	0.0132862	0.335357	-2.9819	0.0137582	0.338047	-2.95817	0.207436	0.622882	-1.60544	0.000111952	0.0890812	-11.2257	0.00481102	0.263897	-3.78935	0.467972	0.768756	-1.3008	3.43E-05	0.0575212	-17.3849	0.00435081	0.257485	-3.88372	16.2426	32.6227	1.7853	1
cg02998206	IL13RA2	0.00104199	0.00163628	0.200157	-4.99608	0.0020134	0.211407	-4.73022	0.010415	0.316528	-3.15928	0.00268036	0.22762	-4.39329	0.00931671	0.308412	-3.24242	0.00710138	0.289288	-3.45676	0.716494	0.878042	-1.1389	6.58E-05	0.0734601	-13.6128	0.0412116	0.431758	-2.31611	11.63	23.426	1.79046	1
cg00423014	IL13RA2	0.00262044	0.0655855	0.85071	-1.17549	0.30604	0.920425	-1.08645	0.0361482	0.826424	-1.21003	0.0297002	0.818544	-1.22168	0.000528336	0.655459	-1.52565	0.00283772	0.725032	-1.37925	0.00670473	1.3167	1.3167	0.0208632	0.804473	-1.24305	0.106327	0.87111	-1.14796	8.90769	0.863672	0.086185	1
cg26269613	IL15;IL15	9.69E-05	7.76E-05	0.234863	-4.2578	0.00110862	2.64652	2.64652	0.000828587	0.360815	-2.7715	0.0696354	0.663059	-1.50816	0.000844662	0.36193	-2.76297	0.0544148	0.642779	-1.55575	4.61E-05	0.210525	-4.75003	0.000681247	0.349541	-2.86089	0.55684	0.886628	-1.12787	22.3272	14.4999	0.577271	1
cg11418177	IL15;IL15	0.00105423	0.000608737	0.223159	-4.48111	0.00118497	0.259206	-3.85793	0.0175915	0.440339	-2.27098	0.0400973	0.509895	-1.96119	0.000230444	0.176154	-5.67684	0.000732905	0.232889	-4.29389	0.70603	1.1136	1.1136	0.736074	0.908413	-1.10082	0.0272049	0.476063	-2.10056	11.5915	14.8011	1.13502	1
cg03099832	IL15;IL15	0.00155512	0.759953	1.05139	1.05139	0.000516784	0.412394	-2.42486	0.000102749	0.324963	-3.07727	0.491335	1.12108	1.12108	0.0057492	0.553286	-1.80738	0.396535	0.867654	-1.15253	0.726582	0.944214	-1.05908	0.857188	0.970975	-1.02989	0.0188381	0.62799	-1.59238	10.3712	4.39166	0.376398	1
cg11971461	IL15;IL15	0.00224559	0.798085	1.04667	1.04667	0.189366	1.28068	1.28068	0.400581	0.858036	-1.16545	0.592411	1.10093	1.10093	0.000376095	0.363626	-2.75008	0.0242192	0.619962	-1.613	0.0654548	1.44474	1.44474	0.325471	1.19802	1.19802	0.000616911	0.391404	-2.5549	9.32115	4.67443	0.445766	1
cg25546588	IL15;IL15	0.01082	0.0247538	0.486356	-2.05611	0.00118728	3.6031	3.6031	0.218153	0.705179	-1.41808	0.0546418	0.55553	-1.80008	0.0550687	0.556254	-1.79774	0.611611	1.14807	1.14807	0.0736996	0.584133	-1.71194	0.44887	0.81212	-1.23135	0.99726	1.00093	1.00093	5.76305	6.63693	1.02367	1
cg16655388	IL15;IL15	0.0198961	0.00616269	0.330638	-3.02445	0.116311	0.589414	-1.6966	0.483385	0.802009	-1.24687	0.0256134	0.439829	-2.27361	0.0329149	0.461708	-2.16587	0.0474841	0.495469	-2.01829	0.00282642	0.279761	-3.57447	0.0199388	0.418872	-2.38737	0.775755	0.915336	-1.0925	4.7129	7.16172	1.35076	1
cg02934500	IL15;IL15	0.0233638	0.253279	0.835789	-1.19647	0.691594	1.06178	1.06178	0.62605	1.07662	1.07662	0.738226	0.950825	-1.05172	0.0393915	0.698871	-1.43088	0.0885928	0.753952	-1.32634	0.000883613	0.472752	-2.11527	0.19705	1.22756	1.22756	0.897414	1.01958	1.01958	4.46064	1.59678	0.318197	1
cg22196946	IL15;IL15	0.0335608	0.445705	1.20945	1.20945	0.00788339	0.43437	-2.30218	0.0443259	0.568317	-1.75958	0.0367681	1.81031	1.81031	0.851306	1.04698	1.04698	0.0672049	1.65171	1.65171	0.374307	1.24994	1.24994	0.500655	1.18202	1.18202	0.356876	0.793093	-1.26089	3.92619	3.72142	0.842529	1
cg25789723	IL15;IL15	0.0358218	0.70435	1.11585	1.11585	0.391957	0.777094	-1.28684	0.436584	1.25635	1.25635	0.941646	0.979169	-1.02127	0.633214	0.870887	-1.14825	0.799653	1.07587	1.07587	0.000601249	0.218317	-4.5805	0.595255	1.16669	1.16669	0.37795	0.770956	-1.29709	3.83474	5.02159	1.164	1
cg05368283	IL15;IL15;IL15	0.00222288	0.329715	0.713435	-1.40167	0.78237	0.911234	-1.09741	0.264366	0.676697	-1.47777	0.130092	0.577592	-1.73132	0.847311	0.937337	-1.06685	0.71047	0.882342	-1.13335	1.92E-05	0.0542026	-18.4493	0.523077	0.804713	-1.24268	0.658183	1.16122	1.16122	9.34893	16.6858	1.58648	1
cg27292389	IL15RA;IL15RA	5.22E-06	9.88E-06	0.0431562	-23.1717	0.000125614	0.109639	-9.12081	6.64E-06	0.0363407	-27.5173	0.250617	0.672137	-1.48779	2.47E-05	0.062298	-16.0519	0.000337551	0.147738	-6.76874	5.11E-07	0.00966793	-103.435	0.443832	1.29482	1.29482	0.000533985	0.167993	-5.95263	47.9945	83.2558	1.54195	1
cg07454481	IL15RA;IL15RA	0.0036095	0.00149892	0.18136	-5.51391	0.358638	0.703183	-1.4221	0.000716697	0.146426	-6.82939	0.619333	0.829581	-1.20543	0.0754466	0.477912	-2.09243	0.0482523	0.430826	-2.32112	0.000513739	0.132292	-7.55904	0.393559	0.72178	-1.38546	0.0297206	0.384997	-2.59742	8.09873	17.8511	1.95927	1
cg13730379	IL15RA;IL15RA	0.0151962	0.63776	0.903789	-1.10645	0.0793906	0.660103	-1.51492	0.0605571	0.63676	-1.57045	0.200772	0.74959	-1.33406	0.442318	1.18187	1.18187	0.934237	0.982551	-1.01776	0.000587851	3.10441	3.10441	0.956947	0.988551	-1.01158	0.738537	1.07407	1.07407	5.15847	3.71713	0.640522	1
cg12128445	IL15RA;IL15RA	0.0223966	0.0704305	0.475809	-2.10168	0.0426283	0.424278	-2.35694	0.045138	0.429851	-2.32639	0.827424	1.0835	1.0835	0.00752179	0.282671	-3.53768	0.566145	0.80813	-1.23742	0.0453612	0.430335	-2.32377	0.180822	0.593379	-1.68526	0.00193124	0.199526	-5.01187	4.52609	9.6718	1.89947	1
cg25580782	IL15RA;IL15RA	0.0336757	0.0264407	0.161512	-6.19149	0.0213621	0.147193	-6.79379	0.0101375	0.105738	-9.45735	0.151049	0.344397	-2.90362	0.0155605	0.12806	-7.80885	0.0635459	0.235707	-4.24255	0.0107481	0.108566	-9.21097	0.435436	0.576231	-1.73541	0.181907	0.374714	-2.6687	3.92136	29.8054	6.75625	1
cg24677732	IL15RA;IL15RA;IL15RA	0.0140385	0.212583	0.740338	-1.35073	0.149418	1.42474	1.42474	0.620056	1.12126	1.12126	0.180773	1.38463	1.38463	0.0411221	0.582959	-1.71539	0.000713126	0.307191	-3.2553	0.765229	1.07099	1.07099	0.329897	1.25892	1.25892	0.294667	1.28261	1.28261	5.2951	4.39802	0.738295	1
cg20368664	IL16	0.0153431	0.0931409	0.728166	-1.37331	0.402965	1.15834	1.15834	0.0652184	0.700826	-1.42689	0.0107994	1.73313	1.73313	0.973474	1.00573	1.00573	0.361162	0.85111	-1.17494	0.153549	1.30009	1.30009	0.00246177	0.485166	-2.06115	0.804382	1.04354	1.04354	5.14206	2.40206	0.415236	1
cg14899065	IL16;IL16	0.0111603	0.0258595	0.630011	-1.58727	0.0119801	0.578436	-1.7288	0.220504	0.798562	-1.25225	0.00222091	0.473104	-2.1137	0.0100875	0.567262	-1.76285	0.0789539	0.711303	-1.40587	0.149967	1.30934	1.30934	0.0717176	0.703886	-1.42068	0.0225204	0.620532	-1.61152	5.70584	2.75584	0.429321	1
cg03180322	IL16;IL16	0.0197757	0.837826	0.96332	-1.03808	0.0298235	1.59385	1.59385	0.906548	1.02164	1.02164	0.216913	0.789068	-1.26732	0.732134	0.939272	-1.06465	0.985679	0.996733	-1.00328	0.000994393	2.43942	2.43942	0.155916	1.31892	1.31892	0.112319	0.72962	-1.37058	4.72261	2.48683	0.46807	1
cg14898127	IL16;IL16;IL16	0.0495105	0.00914776	0.326694	-3.06097	0.493719	1.26475	1.26475	0.0650016	0.496483	-2.01417	0.956659	0.981802	-1.01854	0.00795154	0.316653	-3.15803	0.140848	0.585504	-1.70793	0.137688	0.582617	-1.71639	0.262562	0.673847	-1.48402	0.0835782	0.523518	-1.91015	3.40082	6.15102	1.60772	1
cg27168844	IL17A	3.87E-06	0.941411	0.986078	-1.01412	0.436632	0.859534	-1.16342	?	?	?	0.0883793	0.698651	-1.43133	1.15E-06	0.090135	-11.0945	0.325454	0.823935	-1.21369	2.01E-07	0.0490392	-20.3919	0.000240448	0.313756	-3.18719	0.0130974	0.556022	-1.79849	53.243	27.2697	0.512174	1
cg10492152	IL17A	0.00258191	0.0759755	0.735245	-1.36009	0.00765319	0.586306	-1.70559	0.000249273	0.390067	-2.56366	0.00163602	0.495329	-2.01886	0.0081484	0.59011	-1.6946	0.00897825	0.596013	-1.67782	0.0449222	0.69876	-1.43111	0.912225	1.01732	1.01732	0.544336	1.10028	1.10028	8.94669	3.43689	0.341468	1
cg11924517	IL17A	0.00271914	0.0231753	0.434296	-2.30258	0.00479335	0.316576	-3.1588	0.000752606	0.207986	-4.80802	0.770283	0.913963	-1.09414	0.906361	1.03682	1.03682	0.883709	0.956026	-1.046	0.00665752	0.338963	-2.95017	0.000909083	0.217787	-4.59163	0.00389223	0.302905	-3.30136	8.81099	13.1738	1.32902	1
cg05884768	IL17A	0.00754156	0.203368	0.737169	-1.35654	0.688908	0.912655	-1.0957	0.000816267	0.317899	-3.14565	0.948603	0.985466	-1.01475	0.000799896	0.316738	-3.15718	0.1366	0.694733	-1.4394	0.815478	0.948293	-1.05453	0.158463	1.4083	1.4083	0.35943	0.807343	-1.23863	6.46281	5.27971	0.726166	1
cg07376932	IL17A;IL17A	0.0188473	0.0744926	0.65429	-1.52837	0.102853	1.46371	1.46371	0.78325	1.06064	1.06064	0.438249	0.844684	-1.18388	0.00625926	0.467421	-2.1394	0.00257742	0.409837	-2.44	0.306572	1.25355	1.25355	0.188899	0.742931	-1.34602	0.736656	0.930481	-1.07471	4.80013	3.46475	0.641603	1
cg19424122	IL17B	0.000257613	0.136996	0.777371	-1.28639	0.973384	1.00526	1.00526	0.000161407	0.363206	-2.75326	0.469511	0.890754	-1.12264	1.73E-05	0.250411	-3.99344	0.132764	1.29047	1.29047	0.000730254	0.446063	-2.24184	0.794993	0.959889	-1.04179	0.00456803	0.552263	-1.81073	17.1492	6.71331	0.34797	1
cg18683707	IL17B	0.00689786	0.417132	0.877131	-1.14008	0.0889117	1.34533	1.34533	0.0320028	0.67219	-1.48767	0.367796	1.15749	1.15749	0.000333929	0.400517	-2.49677	0.352244	1.1634	1.1634	0.0524615	1.41714	1.41714	0.414111	0.876351	-1.1411	0.523402	0.902811	-1.10765	6.64549	2.63068	0.351875	1
cg01202296	IL17B	0.0277356	0.0347957	0.273595	-3.65504	0.125289	0.41726	-2.39659	0.212695	0.500863	-1.99655	0.14124	0.43453	-2.30134	0.0105624	0.183701	-5.44363	0.155788	0.449322	-2.22558	0.00322801	0.12042	-8.30425	0.00920325	0.175192	-5.70802	0.0820962	0.362482	-2.75876	4.2018	18.468	3.90691	1
cg05860978	IL17B	0.0407295	0.0293796	0.273451	-3.65697	0.0811763	0.376433	-2.65652	0.186048	0.49238	-2.03095	0.201955	0.506178	-1.97559	0.0117073	0.203585	-4.91196	0.133765	0.441648	-2.26425	0.00473839	0.150208	-6.65745	0.0250493	0.260001	-3.84613	0.257675	0.550507	-1.81651	3.65867	14.7976	3.59515	1
cg08155347	IL17C	1.39E-05	1.13E-05	0.173933	-5.74935	0.000265633	0.325124	-3.07575	7.51E-05	0.259619	-3.8518	0.795094	0.952342	-1.05004	3.14E-06	0.125552	-7.96483	0.00472515	0.494499	-2.02225	0.0326567	0.625605	-1.59845	7.33E-06	0.156502	-6.38971	9.41E-05	0.270876	-3.69173	37.2357	20.7603	0.495589	1
cg05463589	IL17C	1.44E-05	0.00811397	2.07954	2.07954	0.041499	1.66161	1.66161	0.000420134	0.298901	-3.34559	0.0136932	0.517614	-1.93194	3.32E-05	0.17552	-5.69737	2.01E-05	0.155213	-6.44274	1.83E-06	0.076957	-12.9943	0.00919161	0.489482	-2.04297	0.00402803	0.43409	-2.30367	36.9001	27.268	0.656862	1
cg26686608	IL17C	3.56E-05	0.94809	1.01029	1.01029	1.71E-05	4.00289	4.00289	0.0721273	1.37128	1.37128	0.00673682	1.73785	1.73785	5.76E-05	3.23295	3.23295	0.00011832	2.88573	2.88573	0.010236	0.60098	-1.66395	1.84E-05	3.95107	3.95107	0.000948321	2.17094	2.17094	29.1213	11.413	0.348368	1
cg21593409	IL17C	0.00176731	0.00207851	0.50875	-1.9656	0.00710454	0.581437	-1.71988	0.003692	0.542354	-1.84381	0.00347448	0.538774	-1.85607	0.00135081	0.483926	-2.06643	0.00195697	0.505261	-1.97918	0.0854627	1.34505	1.34505	0.0161582	0.632016	-1.58224	0.126543	0.772819	-1.29396	9.99475	3.8485	0.342269	1
cg05202654	IL17C	0.00256991	0.023954	1.71529	1.71529	0.0207543	0.572544	-1.74659	0.900351	1.02541	1.02541	0.00456539	0.469278	-2.13093	0.000421478	0.326488	-3.0629	0.00324856	0.447539	-2.23444	0.976876	0.994211	-1.00582	0.401867	1.18752	1.18752	0.567967	0.890816	-1.12257	8.95897	5.69336	0.564882	1
cg07794885	IL17C	0.0136682	0.0632765	0.314782	-3.1768	0.00252468	0.0982317	-10.18	0.12469	0.398579	-2.50891	0.360537	0.594417	-1.68232	0.0417769	0.272916	-3.66413	0.0558709	0.301588	-3.31578	0.00133151	0.0756202	-13.224	0.0144118	0.188453	-5.30635	0.136183	0.41125	-2.43161	5.34179	25.9079	4.31114	1
cg04810063	IL17C	0.0215575	0.0345138	0.342683	-2.91815	0.00336339	0.176774	-5.65695	0.0423644	0.362189	-2.76099	0.526242	0.756576	-1.32174	0.107831	0.466633	-2.14301	0.233535	0.581261	-1.7204	0.00785417	0.227248	-4.40048	0.00698137	0.219646	-4.55277	0.0833234	0.434858	-2.2996	4.58577	13.7046	2.65645	1
cg00362322	IL17C	0.0322725	0.00662719	0.42198	-2.36978	0.113557	1.52432	1.52432	0.0564466	0.589335	-1.69683	0.0816289	1.60397	1.60397	0.244794	0.742394	-1.34699	0.0632354	1.66775	1.66775	0.57078	0.869131	-1.15057	0.766171	1.07575	1.07575	0.477543	0.837947	-1.19339	3.98177	3.7799	0.843823	1
cg27132152	IL17C;IL17C	4.84E-06	0.422962	1.10314	1.10314	0.0464142	1.31468	1.31468	2.52E-06	0.255301	-3.91695	0.758269	1.03772	1.03772	0.00460566	1.57184	1.57184	1.48E-06	0.231285	-4.32366	0.0511025	0.766109	-1.3053	4.26E-06	0.279626	-3.5762	0.00229773	0.599866	-1.66704	48.9378	11.1482	0.202492	1
cg11322251	IL17D	0.00194244	0.162143	0.759554	-1.31656	0.000514279	2.71537	2.71537	0.00120956	2.39471	2.39471	0.137348	1.34293	1.34293	0.02058	0.598118	-1.67191	0.0260766	1.62668	1.62668	0.0390064	0.64387	-1.55311	0.531957	1.12373	1.12373	0.218142	1.26959	1.26959	9.72424	5.22913	0.477993	1
cg16851046	IL17D	0.0029874	0.158142	0.537024	-1.86211	0.000251261	12.0348	12.0348	0.0025521	5.61003	5.61003	0.0381134	2.69235	2.69235	0.85603	1.0777	1.0777	0.0484577	2.53186	2.53186	0.217798	1.70608	1.70608	0.0025085	5.63874	5.63874	0.173302	1.81667	1.81667	8.56885	23.0407	2.39013	1
cg10236247	IL17D	0.00550141	0.487265	0.79295	-1.26111	0.0138764	0.368136	-2.71638	0.0740757	0.519799	-1.92382	0.549357	1.22034	1.22034	0.000159437	0.119878	-8.34185	0.126455	1.7219	1.7219	0.42655	0.765775	-1.30587	0.0523036	0.484089	-2.06574	0.284345	0.693797	-1.44134	7.127	12.196	1.5211	1
cg20847762	IL17D	0.00710453	0.319991	0.648405	-1.54225	0.00064423	9.09303	9.09303	0.00964961	3.97854	3.97854	0.0171326	3.40386	3.40386	0.34045	0.660886	-1.51312	0.610645	1.2417	1.2417	0.685441	1.1873	1.1873	0.00720604	4.31533	4.31533	0.753913	1.14177	1.14177	6.5846	18.5356	2.50222	1
cg23098661	IL17D	0.0177393	0.0188544	0.225539	-4.43382	0.0107539	0.186785	-5.35374	0.00654151	0.157308	-6.35694	0.439725	0.661961	-1.51066	0.0326541	0.270153	-3.70161	0.193323	0.486439	-2.05575	0.00775684	0.166947	-5.98994	0.00884719	0.174712	-5.7237	0.0562976	0.322535	-3.10044	4.89909	21.266	3.85849	1
cg05130518	IL17D	0.0201356	0.228345	1.89201	1.89201	0.000833879	12.6322	12.6322	0.0205615	4.08363	4.08363	0.677417	0.809793	-1.23488	0.260476	1.80744	1.80744	0.348323	1.62735	1.62735	0.0137816	4.64321	4.64321	0.075969	2.70726	2.70726	0.567717	1.33814	1.33814	4.69377	18.9073	3.58059	1
cg08371706	IL17D	0.020601	0.467463	0.9156	-1.09218	0.0551301	1.29605	1.29605	0.839256	1.02452	1.02452	0.25878	0.868909	-1.15087	0.00234818	0.602713	-1.65916	0.569406	1.07098	1.07098	0.015289	1.42641	1.42641	0.236601	1.15939	1.15939	0.89543	0.984439	-1.01581	4.65741	1.04914	0.200233	1
cg07997076	IL17D	0.033986	0.528773	1.11015	1.11015	0.104425	0.747768	-1.33731	0.915485	0.982767	-1.01754	0.285357	1.19927	1.19927	0.519603	1.11282	1.11282	0.0472931	1.45014	1.45014	0.00201843	0.490049	-2.04061	0.998667	1.00027	1.00027	0.408751	0.870786	-1.14839	3.90842	1.6599	0.377509	1
cg23969506	IL17D	0.0425487	0.252214	0.621219	-1.60974	0.00538526	0.232602	-4.29918	0.0226274	0.337415	-2.96371	0.626011	1.21591	1.21591	0.0315991	0.366705	-2.72699	0.625511	0.822194	-1.21626	0.0312717	0.365758	-2.73405	0.0537167	0.418153	-2.39147	0.415113	0.717805	-1.39314	3.59994	9.03292	2.23039	1
cg27234864	IL17D	0.0429255	0.184381	2.81407	2.81407	0.0050784	15.2079	15.2079	0.104928	3.67694	3.67694	0.730756	1.28896	1.28896	0.0657907	4.55878	4.55878	0.0493727	5.19737	5.19737	0.00936392	11.2615	11.2615	0.0423504	5.57425	5.57425	0.224838	2.55187	2.55187	3.58817	30.686	7.60178	1
cg25189429	IL17D	0.0464868	0.0425891	0.70287	-1.42274	0.583482	1.08722	1.08722	0.827353	1.03354	1.03354	0.664555	0.936235	-1.06811	0.648389	1.07179	1.07179	0.00517064	0.572624	-1.74635	0.030329	1.46887	1.46887	0.430938	0.885679	-1.12908	0.476302	0.896392	-1.11558	3.48278	1.25802	0.321078	1
cg13540639	IL17F	9.60E-06	0.168925	0.827864	-1.20793	0.621661	1.06621	1.06621	5.44E-06	0.265682	-3.7639	4.59E-05	0.370653	-2.69794	4.68E-06	0.258601	-3.86697	0.00107302	0.536498	-1.86394	3.82E-06	0.249218	-4.01255	7.67E-05	0.397141	-2.51799	0.000756587	0.517813	-1.9312	40.9971	10.7854	0.233847	1
cg17132070	IL17F	1.97E-05	0.000408454	0.486163	-2.05692	5.00E-07	0.164326	-6.08548	0.1206	0.805534	-1.24141	8.29E-05	0.40239	-2.48515	0.000773184	0.520115	-1.92265	0.000108325	0.41629	-2.40217	0.000279458	0.466066	-2.14562	0.00948579	0.655618	-1.52528	0.00148299	0.554951	-1.80196	34.0123	8.88796	0.232281	1
cg06280032	IL17F	0.000647876	8.27E-05	0.262404	-3.81091	0.850636	1.03621	1.03621	0.00357505	0.474895	-2.10573	0.554939	0.893436	-1.11927	0.245561	1.25756	1.25756	0.243972	0.79452	-1.25862	0.000114502	0.278814	-3.58662	0.00737147	0.521223	-1.91857	0.024549	0.603279	-1.65761	13.2958	7.49753	0.501246	1
cg11570484	IL17F	0.00145457	0.0156082	1.75866	1.75866	0.044914	0.645145	-1.55004	0.0029545	0.459755	-2.17507	0.0444401	1.55198	1.55198	0.498642	1.13974	1.13974	0.0428588	1.55865	1.55865	0.00104375	0.396896	-2.51955	0.00750477	1.92566	1.92566	0.103199	0.712189	-1.40412	10.5727	6.07152	0.510456	1
cg16445721	IL17F	0.0108207	0.00706083	0.478656	-2.08918	0.293177	0.793938	-1.25954	0.0079697	0.486873	-2.05392	0.00114299	0.363473	-2.75124	0.102357	0.685041	-1.45977	0.00728245	0.480746	-2.0801	0.0280701	0.577538	-1.73149	0.361311	0.819902	-1.21966	0.0660483	0.646392	-1.54705	5.76294	4.08696	0.630383	1
cg04063348	IL17F	0.0181828	0.84183	0.922973	-1.08346	0.00590809	0.235794	-4.24098	0.648252	0.831719	-1.20233	0.00093067	0.137683	-7.26307	0.9876	0.993785	-1.00625	0.493271	1.32198	1.32198	0.767984	0.888088	-1.12601	0.0843413	0.464859	-2.15119	0.0684487	0.441163	-2.26674	4.85858	12.3846	2.2658	1
cg20271511	IL17RA	3.34E-05	7.17E-06	0.175886	-5.6855	0.000124743	0.309744	-3.22847	0.221292	1.25278	1.25278	0.018749	1.64751	1.64751	4.03E-05	0.252947	-3.95339	0.342767	0.842541	-1.18689	0.0282481	1.57471	1.57471	0.0322741	1.55192	1.55192	0.00148873	0.447936	-2.23246	29.5999	14.4046	0.432573	1
cg01639201	IL17RA	0.0077968	0.513846	1.16745	1.16745	0.794944	0.940911	-1.0628	0.123662	1.4769	1.4769	0.136196	1.45568	1.45568	0.00257696	0.376393	-2.6568	0.00192833	0.358298	-2.79097	0.128251	1.46887	1.46887	0.396042	0.816075	-1.22538	0.11485	1.49327	1.49327	6.39567	5.53922	0.769857	1
cg01731685	IL17RA	0.0086985	0.0129692	0.324647	-3.08027	0.00303313	0.227171	-4.40197	0.00719434	0.282029	-3.54574	0.0313676	0.398036	-2.51234	0.0125754	0.322302	-3.10268	0.0946898	0.511649	-1.95446	0.00715288	0.281633	-3.55072	0.00780929	0.287692	-3.47594	0.0124929	0.321803	-3.10749	6.17874	13.0257	1.87391	1
cg16389078	IL17RA	0.0110735	0.019212	0.550726	-1.81579	0.0248594	0.569881	-1.75475	0.0323293	0.589939	-1.69509	0.00521739	0.460195	-2.17299	0.00239021	0.410125	-2.43828	0.982227	0.99532	-1.0047	0.205181	1.32509	1.32509	0.877254	1.03308	1.03308	0.0831063	0.667628	-1.49784	5.72022	4.01725	0.624257	1
cg01760983	IL17RA	0.0148612	0.193996	0.600268	-1.66592	0.0219448	0.360268	-2.77571	0.13135	0.546089	-1.8312	0.271335	0.653568	-1.53006	0.0308202	0.389905	-2.56473	0.259691	0.646174	-1.54757	0.000305244	0.113205	-8.83357	0.585884	0.815203	-1.22669	0.868365	0.940254	-1.06354	5.19664	11.3527	1.94189	1
cg20758542	IL17RA	0.0313894	0.00613385	0.247524	-4.04002	0.0792486	0.467323	-2.13985	0.0418177	0.400121	-2.49924	0.374496	0.700538	-1.42747	0.0144524	0.308264	-3.24397	0.118755	0.516254	-1.93703	0.0188937	0.329506	-3.03485	0.0152937	0.312653	-3.19844	0.0724305	0.457183	-2.18731	4.02148	9.70935	2.14611	1
cg26298038	IL17RA;IL17RA	0.000114225	0.00527852	0.854269	-1.17059	0.042776	0.904951	-1.10503	0.0727806	0.917847	-1.08951	5.60E-05	0.725604	-1.37816	0.000170377	0.76053	-1.31487	6.53E-06	0.65054	-1.53719	0.480365	0.969743	-1.0312	0.923589	1.00412	1.00412	0.00385655	0.846407	-1.18146	21.3659	0.620695	0.0258229	1
cg05824484	IL17RA;IL17RA	0.000888906	0.759677	0.950511	-1.05207	0.313661	1.18813	1.18813	0.00054386	0.41102	-2.43297	0.961836	1.00795	1.00795	0.342121	1.17576	1.17576	0.836655	0.966426	-1.03474	7.93E-05	0.307327	-3.25386	0.172483	0.786475	-1.2715	0.000819771	0.434245	-2.30285	12.1653	5.27224	0.385231	1
cg08887694	IL17RB;CHDH;CHDH	0.000238819	0.0196773	0.756077	-1.32262	7.48E-05	0.489842	-2.04147	0.585047	0.946753	-1.05624	0.105266	0.83892	-1.19201	0.210201	0.877186	-1.14001	0.0149958	0.743225	-1.34549	4.19E-05	0.461202	-2.16825	0.676048	0.959154	-1.04259	0.00143914	1.57963	1.57963	17.5068	2.73051	0.138639	1
cg19744587	IL17RB;CHDH;CHDH	0.0305117	0.913976	1.01551	1.01551	0.0283799	1.44549	1.44549	0.00266517	1.8068	1.8068	0.693423	1.05804	1.05804	0.413277	0.887717	-1.12649	0.0588069	0.737924	-1.35515	0.715393	1.05353	1.05353	0.77568	1.04152	1.04152	0.0735114	1.3286	1.3286	4.06234	1.30456	0.285455	1
cg16448309	IL17RB;CHDH;CHDH	0.0420664	0.0363285	1.84585	1.84585	0.767003	1.07771	1.07771	0.676078	0.89957	-1.11164	0.129814	1.51011	1.51011	0.108554	0.643462	-1.55409	0.785455	0.933581	-1.07114	0.109905	1.55103	1.55103	0.476	0.833141	-1.20028	0.00438771	2.60697	2.60697	3.61521	3.63245	0.89313	1
cg16639922	IL17RC;CRELD1;CRELD1;CRELD1;IL17RC;IL17RC	0.014213	0.0942764	1.64225	1.64225	0.217677	1.41868	1.41868	0.475947	1.21589	1.21589	0.0417733	0.531077	-1.88296	0.00159037	0.294588	-3.39457	0.101948	0.617075	-1.62055	0.0998911	1.62618	1.62618	0.11243	0.627478	-1.59368	0.731174	1.09747	1.09747	5.27363	6.07419	1.02383	1
cg12419067	IL17RC;CRELD1;CRELD1;CRELD1;IL17RC;IL17RC	0.0205509	0.17519	0.899975	-1.11114	0.141603	1.12247	1.12247	0.29477	1.08267	1.08267	0.11229	0.881279	-1.13471	0.366296	1.0702	1.0702	0.603544	0.962428	-1.03904	0.0333768	0.833821	-1.1993	0.393009	0.938042	-1.06605	0.00211316	1.37153	1.37153	4.66127	0.394446	0.0752195	1
cg16366604	IL17RC;IL17RC;IL17RC	4.80E-05	0.0355189	0.78972	-1.26627	0.0230338	1.29978	1.29978	0.000255165	1.78791	1.78791	0.0210541	1.3069	1.3069	1.63E-05	0.424681	-2.35471	0.0083964	0.722706	-1.38369	0.0430746	0.798906	-1.25171	0.430538	1.0807	1.0807	4.47E-05	0.474528	-2.10735	26.9082	3.96485	0.130975	1
cg22585927	IL17RC;IL17RC;IL17RC	0.001121	0.000751039	0.225767	-4.42935	0.0350377	2.04411	2.04411	0.00285687	3.30325	3.30325	0.728928	1.10658	1.10658	0.0457958	1.94744	1.94744	0.0293294	2.11117	2.11117	0.102436	1.68245	1.68245	0.00221783	0.287098	-3.48314	0.0630676	0.544087	-1.83794	11.3908	15.288	1.19301	1
cg04888849	IL17RC;IL17RC;IL17RC	0.00134792	0.851798	0.939587	-1.0643	0.0828528	1.89632	1.89632	0.000763988	0.182895	-5.46761	0.635851	1.17225	1.17225	0.0015597	0.219835	-4.54887	0.000366399	0.149317	-6.69716	0.00345382	0.266345	-3.75453	0.827556	1.0754	1.0754	0.387276	0.744331	-1.34349	10.8064	19.0002	1.56287	1
cg12487088	IL17RC;IL17RC;IL17RC	0.0108492	0.0251211	0.462317	-2.16302	0.309866	0.737605	-1.35574	0.0848678	1.73651	1.73651	0.0782734	0.567486	-1.76216	0.0949261	1.70149	1.70149	0.125217	1.6171	1.6171	0.0103687	0.392565	-2.54735	0.0084644	0.377729	-2.6474	0.052097	0.527328	-1.89635	5.75807	7.64944	1.18087	1
cg16763270	IL17RD	0.00010241	0.561432	0.932097	-1.07285	0.00777937	1.50569	1.50569	0.00180072	1.70179	1.70179	3.60E-06	0.272311	-3.67227	0.111265	1.23091	1.23091	0.421871	1.10325	1.10325	0.00670754	1.5236	1.5236	0.672321	1.05227	1.05227	0.226932	0.859055	-1.16407	22	4.99714	0.201905	1
cg03435901	IL17RD	0.00143421	0.00515134	0.282364	-3.54152	0.00108749	0.191999	-5.20835	0.00159611	0.212164	-4.71333	0.0756116	0.508145	-1.96794	0.0174988	0.371601	-2.69106	0.649574	1.1695	1.1695	0.000201616	0.118274	-8.45493	0.653615	0.856743	-1.16721	0.00351477	0.257962	-3.87654	10.6156	19.6996	1.64952	1
cg14936968	IL17RD	0.0057685	0.00496556	0.14944	-6.69164	0.622461	0.775974	-1.2887	0.0276611	0.264321	-3.78328	0.0778322	0.367314	-2.72247	0.145433	0.449801	-2.2232	0.119343	2.37221	2.37221	0.000344286	0.0526351	-18.9987	0.0340951	0.282553	-3.53916	0.0757046	0.364078	-2.74667	7.02385	29.0561	3.67714	1
cg05138949	IL17RD	0.00677535	0.00433138	0.252601	-3.95882	0.000619515	0.149431	-6.69207	0.00659871	0.280071	-3.57053	0.0500669	0.446546	-2.23941	0.00660968	0.280183	-3.56909	0.355494	0.709658	-1.40913	0.0165325	0.347635	-2.87658	0.335589	0.698861	-1.4309	0.183463	0.600941	-1.66406	6.68267	13.7812	1.83309	1
cg03745372	IL17RD	0.00839137	0.00327158	0.34108	-2.93186	0.222691	0.709047	-1.41034	0.00767754	0.398795	-2.50755	0.00954802	0.414471	-2.41271	0.017177	0.45879	-2.17965	0.0284805	0.499729	-2.00109	0.00294166	0.334267	-2.99162	0.88421	1.03988	1.03988	0.0174671	0.460103	-2.17343	6.24936	7.12609	1.01359	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13766687	IL17RD	0.00964561	0.176893	0.469085	-2.13181	0.305155	0.57122	-1.75064	0.00500785	0.141087	-7.08783	0.230658	0.515229	-1.94088	0.00124517	0.0831131	-12.0318	0.837882	1.11409	1.11409	0.00364343	0.125656	-7.95823	0.0156618	0.209638	-4.77013	0.0443564	0.29585	-3.38009	5.97913	26.3359	3.91523	1
cg18745629	IL17RD	0.0116485	0.0223016	0.44685	-2.23789	0.19355	0.667209	-1.49878	0.00348283	0.31156	-3.20966	0.0128695	0.403149	-2.48047	0.0100891	0.384862	-2.59833	0.010055	0.384612	-2.60002	0.0356745	0.487189	-2.05259	0.0072633	0.36111	-2.76924	0.0214669	0.443703	-2.25376	5.62745	7.71076	1.21796	1
cg20075859	IL17RD	0.0187583	0.863533	0.978279	-1.0222	0.00931229	0.656321	-1.52364	0.0105481	0.663178	-1.50789	0.290971	0.869455	-1.15015	0.116883	1.24291	1.24291	0.70424	1.04989	1.04989	0.936271	1.01026	1.01026	0.0392591	0.737499	-1.35593	0.00607346	0.632957	-1.57989	4.80781	1.24083	0.229411	1
cg10882522	IL17RD	0.0205389	0.705616	1.17904	1.17904	0.0201788	0.296433	-3.37344	0.0189409	0.291326	-3.43258	0.789989	0.890613	-1.12282	0.143943	0.505938	-1.97653	0.0769206	0.425845	-2.34827	0.00192007	0.14864	-6.72764	0.0122464	0.258127	-3.87406	0.196754	0.553049	-1.80816	4.6622	13.9076	2.6516	1
cg09429700	IL17RD	0.0243222	0.607263	1.07223	1.07223	0.0905724	0.778144	-1.28511	0.0290779	0.70749	-1.41345	0.388288	0.887855	-1.12631	0.0565401	0.747966	-1.33696	0.233446	1.183	1.183	0.00616036	1.61717	1.61717	0.361294	0.881403	-1.13455	0.0767527	0.767363	-1.30316	4.39902	1.26079	0.254763	1
cg25198340	IL17RD	0.0311743	0.146026	0.438572	-2.28013	0.000719097	0.0659763	-15.157	0.0643499	0.333666	-2.997	0.708537	0.820104	-1.21936	0.129117	0.420594	-2.37759	0.0706509	0.344078	-2.90631	0.148973	0.441581	-2.26459	0.151915	0.444551	-2.24946	0.912264	0.943451	-1.05994	4.03136	17.8089	3.92675	1
cg24848890	IL17RE;IL17RE;IL17RC;IL17RE;IL17RC;IL17RC	0.0212426	0.175585	0.765072	-1.30707	0.883849	0.973187	-1.02755	0.154962	1.3271	1.3271	0.237354	0.794409	-1.2588	0.00177965	0.437334	-2.28658	0.283219	0.812775	-1.23035	0.00452444	0.494915	-2.02055	0.957581	1.00994	1.00994	0.229535	0.791033	-1.26417	4.60891	2.52329	0.486649	1
cg22960945	IL17RE;IL17RE;IL17RC;IL17RE;IL17RC;IL17RC	0.0329846	0.891652	0.951817	-1.05062	0.616309	1.20089	1.20089	0.000645961	0.150099	-6.66229	0.571571	0.812897	-1.23017	0.577579	0.81558	-1.22612	0.290503	1.48807	1.48807	0.796711	1.09805	1.09805	0.857058	1.06751	1.06751	0.311405	1.46151	1.46151	3.95072	8.21485	1.84829	1
cg18738581	IL17RE;IL17RE;IL17RE	0.00120436	0.00725772	1.78052	1.78052	0.2059	1.2489	1.2489	0.163928	0.780812	-1.28072	0.0050398	1.85492	1.85492	0.000875277	0.435484	-2.2963	0.0165377	1.62857	1.62857	0.00135035	0.46051	-2.1715	0.882759	0.975719	-1.02488	0.914163	1.01812	1.01812	11.1602	4.90406	0.390598	1
cg16324121	IL17RE;IL17RE;IL17RE	0.0126334	0.029124	0.424629	-2.355	0.190441	0.630103	-1.58704	0.0207075	0.395399	-2.52909	0.0173494	0.380912	-2.62528	0.0876369	0.533632	-1.87395	0.0780389	0.520875	-1.91985	0.000607596	0.172023	-5.81318	0.219493	0.650427	-1.53745	0.0114718	0.348683	-2.86793	5.48105	9.6327	1.56218	1
cg07832674	IL17RE;IL17RE;IL17RE	0.0253581	0.547282	0.896685	-1.11522	0.067406	0.692841	-1.44333	0.0889062	0.714643	-1.3993	0.132554	0.747804	-1.33725	0.500898	1.13012	1.13012	0.021973	1.63566	1.63566	0.0355454	1.54986	1.54986	0.29108	1.21673	1.21673	0.0239609	0.617367	-1.61978	4.33572	2.20156	0.451354	1
cg13563334	IL17REL	0.000972993	0.00117789	2.31436	2.31436	0.000391642	2.708	2.708	0.211924	1.26091	1.26091	0.0025967	2.08697	2.08697	0.382223	0.853854	-1.17116	0.00156191	2.22867	2.22867	0.000397489	2.70197	2.70197	0.860053	0.969366	-1.0316	0.135797	1.32765	1.32765	11.8582	5.83772	0.437595	1
cg27068297	IL17REL	0.00540991	0.00370231	0.477918	-2.09241	0.767748	1.05733	1.05733	0.0577083	0.667652	-1.49779	0.14613	1.34139	1.34139	0.00228446	0.448002	-2.23213	0.190648	0.770376	-1.29807	0.0156575	0.572496	-1.74674	0.00155682	0.42479	-2.3541	0.563677	0.895935	-1.11615	7.16377	4.02075	0.4989	1
cg08241514	IL17REL	0.00549394	0.00249804	2.51862	2.51862	0.125592	0.694549	-1.43978	0.0695518	1.56259	1.56259	0.00365463	2.37357	2.37357	0.315378	0.795906	-1.25643	0.758196	1.07026	1.07026	0.0451027	1.65788	1.65788	0.00164239	2.69463	2.69463	0.466975	1.17676	1.17676	7.12997	5.45998	0.680692	1
cg07312716	IL17REL	0.0154107	0.114083	0.726208	-1.37702	0.0702307	0.686143	-1.45742	0.0028234	0.46509	-2.15012	0.293384	0.816391	-1.2249	0.0315996	0.625573	-1.59854	0.152079	1.33051	1.33051	0.0235429	1.65429	1.65429	0.249377	0.799263	-1.25115	0.213585	0.78368	-1.27603	5.13457	2.81693	0.487663	1
cg18730511	IL17REL	0.0264647	0.0444927	0.347411	-2.87843	0.00706274	0.202871	-4.92923	0.207197	0.54366	-1.83938	0.644168	1.23751	1.23751	0.0118519	0.237056	-4.21841	0.0690589	0.39374	-2.53974	0.0057015	0.189937	-5.26492	0.541751	0.75352	-1.3271	0.0960936	0.432879	-2.31011	4.27153	14.2016	2.9553	1
cg01321673	IL17REL	0.0289739	0.0288661	7.81371	7.81371	0.026792	8.10993	8.10993	0.0422855	6.46376	6.46376	0.482111	1.76826	1.76826	0.427319	1.90905	1.90905	0.238232	2.67943	2.67943	0.0145351	11.0424	11.0424	0.00597575	17.5863	17.5863	0.0107039	12.9266	12.9266	4.13755	41.7111	8.961	1
cg00090674	IL17REL	0.0410126	0.201707	0.619032	-1.61543	0.0235958	0.382266	-2.61598	0.00339175	0.242428	-4.12493	0.508659	0.787792	-1.26937	0.0520657	0.455587	-2.19497	0.632233	1.18712	1.18712	0.184476	0.606068	-1.64998	0.0984434	0.524823	-1.9054	0.0297258	0.402451	-2.48477	3.64932	7.31446	1.78163	1
cg04929355	IL18	0.00553972	0.223108	0.76109	-1.31391	0.288891	1.26464	1.26464	0.903741	1.02614	1.02614	0.744186	0.932553	-1.07233	0.000131994	0.243085	-4.11379	0.114619	1.44187	1.44187	0.112381	1.44573	1.44573	0.259968	0.77834	-1.28479	0.188255	0.7428	-1.34626	7.11182	5.12272	0.640275	1
cg05687149	IL18	0.0286157	0.214458	0.524413	-1.90689	0.0579298	0.346899	-2.88268	0.0320711	0.289318	-3.4564	0.0450455	0.32114	-3.1139	0.00308406	0.135274	-7.39238	0.0381076	0.305074	-3.2779	0.331063	0.609378	-1.64102	0.0119047	0.212195	-4.71265	0.0376737	0.304003	-3.28944	4.15578	16.0549	3.43402	1
cg04100971	IL18	0.0355223	0.968352	1.01669	1.01669	0.0992762	0.47051	-2.12536	0.335999	0.661042	-1.51276	0.0305521	0.346317	-2.88753	0.00509209	0.21337	-4.68669	0.0205989	0.312362	-3.20141	0.0976857	0.468514	-2.13441	0.0103482	0.259851	-3.84836	0.410851	0.704059	-1.42034	3.84644	10.6058	2.45094	1
cg06903075	IL18BP;IL18BP;IL18BP;IL18BP;IL18BP	0.00168825	0.0146973	0.727422	-1.37472	0.514462	1.07256	1.07256	0.1107	0.831791	-1.20223	0.0243964	1.32874	1.32874	0.000166123	0.506722	-1.97347	0.966224	1.0045	1.0045	0.000719038	0.579579	-1.72539	0.638892	0.95115	-1.05136	0.305712	0.893701	-1.11894	10.1281	1.80123	0.158085	1
cg25418484	IL18BP;IL18BP;IL18BP;IL18BP;IL18BP	0.0192798	0.0958546	0.567477	-1.76218	0.222737	1.48718	1.48718	0.22351	1.48609	1.48609	0.672216	0.876494	-1.14091	0.000459623	0.181172	-5.51961	0.577173	0.839909	-1.19061	0.617136	1.16897	1.16897	0.919195	0.969057	-1.03193	0.488356	0.804081	-1.24366	4.76345	7.2386	1.35077	1
cg13316407	IL18BP;IL18BP;IL18BP;IL18BP;IL18BP	0.0252486	0.0533203	0.725287	-1.37876	0.547676	1.0931	1.0931	0.118394	0.78032	-1.28153	0.370853	0.874196	-1.14391	0.0116022	0.630207	-1.58678	0.00505142	0.581298	-1.72029	0.179549	0.811733	-1.23193	0.188375	1.22622	1.22622	0.208459	1.21413	1.21413	4.34226	1.47232	0.301393	1
cg16385335	IL18BP;IL18BP;IL18BP;IL18BP;IL18BP;IL18BP	0.00236933	0.00221764	0.178949	-5.58817	0.00521535	0.227772	-4.39035	0.00333346	0.201153	-4.97135	0.0189783	0.319784	-3.12711	0.00309315	0.196936	-5.0778	0.0075699	0.251855	-3.97054	0.00042102	0.106111	-9.42408	0.181302	0.56575	-1.76756	0.00717413	0.248271	-4.02786	9.17569	23.4114	2.26797	1
cg13944685	IL18BP;IL18BP;IL18BP;IL18BP;IL18BP;IL18BP	0.0466285	0.00861769	0.246715	-4.05326	0.0899024	0.457939	-2.18369	0.0255984	0.33021	-3.02838	0.263191	0.614254	-1.62799	0.0304563	0.345549	-2.89395	0.0714336	0.431224	-2.31898	0.0142445	0.282765	-3.53651	0.320729	0.65139	-1.53518	0.0678536	0.425489	-2.35024	3.4788	9.61748	2.45742	1
cg20629735	IL18R1	0.000914121	0.103968	0.789157	-1.26717	0.000213781	0.438863	-2.27861	0.607371	0.933296	-1.07147	0.797968	0.966411	-1.03476	0.925521	0.987623	-1.01253	0.182383	1.20744	1.20744	0.000138563	2.40413	2.40413	0.055854	0.749355	-1.33448	0.554603	1.08286	1.08286	12.0695	3.39127	0.249759	1
cg17869167	IL18R1	0.00570659	0.0936684	1.38818	1.38818	0.00046754	0.375824	-2.66082	0.0477629	0.668513	-1.49586	0.266607	1.22866	1.22866	0.0430534	0.66089	-1.51311	0.0863434	1.40087	1.40087	0.0509763	1.48514	1.48514	0.892155	1.02443	1.02443	0.79082	0.953805	-1.04843	7.04723	3.53281	0.445604	1
cg00111978	IL18R1	0.0144421	0.0178017	0.479239	-2.08664	0.459488	0.825076	-1.21201	0.0263658	0.510507	-1.95884	0.744051	1.08724	1.08724	0.0015043	0.311085	-3.21455	0.0190385	0.484478	-2.06408	0.706904	1.10124	1.10124	0.108296	0.639367	-1.56405	0.013298	0.456972	-2.18832	5.24593	5.41538	0.917601	1
cg24983383	IL18R1	0.0214785	0.900041	0.954039	-1.04818	0.00662108	0.26721	-3.74237	0.00689645	0.269951	-3.70438	0.12415	1.86526	1.86526	0.4138	1.36725	1.36725	0.262438	1.54881	1.54881	0.153562	1.77199	1.77199	0.732438	1.13711	1.13711	0.0835854	0.488204	-2.04832	4.59153	10.1942	1.97353	1
cg26675329	IL18RAP	0.00558578	0.00277653	0.68568	-1.45841	0.543558	0.945309	-1.05786	0.133836	0.862514	-1.1594	0.0794234	0.836853	-1.19495	0.0327581	0.795725	-1.25672	0.000877432	0.633589	-1.57831	0.0194868	1.29474	1.29474	0.0620736	0.825172	-1.21187	0.318678	0.910031	-1.09886	7.09375	0.940132	0.117804	1
cg21282997	IL18RAP	0.00605568	0.00702909	0.156458	-6.39151	0.00223012	0.102307	-9.77448	0.0157454	0.206964	-4.83176	0.019475	0.222391	-4.49659	0.187247	0.475194	-2.1044	0.0474193	0.299019	-3.34427	0.00106009	0.0760166	-13.155	0.00666214	0.153502	-6.51458	0.0311614	0.260216	-3.84296	6.91939	31.0514	3.98897	1
cg11335172	IL18RAP	0.00869138	0.270043	0.774266	-1.29155	0.158841	0.714997	-1.39861	0.00380935	0.419269	-2.3851	0.506922	0.860718	-1.16182	0.00991799	0.484007	-2.06609	0.368024	1.22872	1.22872	0.365407	1.23018	1.23018	0.00790748	0.468207	-2.13581	0.00210595	0.381613	-2.62045	6.18034	4.85721	0.698589	1
cg13897122	IL18RAP	0.0319537	0.346601	0.669416	-1.49384	0.0149869	0.28983	-3.4503	0.00176122	0.157989	-6.32954	0.0441719	0.383892	-2.6049	0.903563	0.951046	-1.05147	0.213522	0.581345	-1.72015	0.34027	1.50226	1.50226	0.217561	0.584402	-1.71115	0.677048	0.840765	-1.18939	3.99595	10.8521	2.41402	1
cg27361520	IL18RAP	0.0358886	0.279188	0.549797	-1.81885	0.240305	0.520129	-1.9226	0.0253793	0.243424	-4.10806	0.346571	0.597282	-1.67425	0.00425865	0.130858	-7.64185	0.94501	1.03736	1.03736	0.509901	1.42678	1.42678	0.0068428	0.155301	-6.43913	0.207695	0.493432	-2.02662	3.83214	17.1579	3.97989	1
cg03938978	IL18RAP	0.0425864	0.209629	0.656288	-1.52372	0.0608908	1.9599	1.9599	0.590663	0.841182	-1.1888	0.147105	0.609232	-1.64141	0.0115353	0.365588	-2.73532	0.0820561	0.541376	-1.84714	0.0660408	1.92862	1.92862	0.303912	1.40374	1.40374	0.787067	0.917378	-1.09006	3.59876	5.78208	1.42817	1
cg05916196	IL19	0.00160203	0.224573	0.826612	-1.20976	0.560421	0.915873	-1.09185	2.53E-05	0.287156	-3.48242	0.491503	1.10993	1.10993	0.0969296	0.761879	-1.31254	0.892974	1.0203	1.0203	0.789763	1.04069	1.04069	0.328195	0.860152	-1.16259	0.00361441	0.555474	-1.80026	10.2827	3.62856	0.313672	1
cg15392364	IL19	0.00623857	0.0508601	0.589408	-1.69662	0.0110991	0.4692	-2.13129	0.000308191	0.248582	-4.02282	0.0362777	0.560728	-1.7834	0.959102	0.987887	-1.01226	0.712828	0.915896	-1.09183	0.0541016	0.594807	-1.68122	0.00319638	0.384217	-2.6027	0.1824	0.714407	-1.39976	6.85603	6.13233	0.79506	1
cg20998511	IL19	0.00861274	0.00830053	0.236985	-4.21968	0.0866252	0.445958	-2.24236	0.00357685	0.185695	-5.38516	0.00919772	0.243915	-4.09979	0.00227348	0.161804	-6.18031	0.0201227	0.302357	-3.30735	0.0593818	0.403312	-2.47947	0.0096079	0.246909	-4.05008	0.0303968	0.337671	-2.96146	6.19814	17.8701	2.56279	1
cg11582579	IL19	0.0111012	0.0374814	0.367557	-2.72067	0.0282739	0.341729	-2.9263	0.00167765	0.155291	-6.43953	0.0368937	0.366062	-2.73178	0.00251392	0.175562	-5.69599	0.0083446	0.247188	-4.0455	0.632102	0.818739	-1.22139	0.0699075	0.431595	-2.31699	0.154006	0.53114	-1.88274	5.71562	15.5603	2.41992	1
cg12380764	IL19	0.0433895	0.707415	0.845944	-1.18211	0.200712	0.548994	-1.82152	0.00503006	0.192738	-5.18839	0.0439067	0.357886	-2.79418	0.0228333	0.298613	-3.34882	0.0456129	0.361666	-2.76499	0.0447162	0.359692	-2.78015	0.928145	1.04083	1.04083	0.0662372	0.400844	-2.49474	3.57384	11.144	2.77174	1
cg22035815	IL19	0.0439605	0.407529	1.12704	1.12704	0.42834	0.892134	-1.12091	0.418297	0.889811	-1.12383	0.194258	0.823781	-1.21391	0.00139969	0.520337	-1.92183	0.493176	0.906436	-1.10322	0.180039	1.22259	1.22259	0.304825	0.860711	-1.16183	0.167333	0.812393	-1.23093	3.55646	1.1223	0.280505	1
cg07357324	IL19;IL19	0.00074886	0.000459438	0.243696	-4.10348	0.490828	0.835984	-1.1962	0.0667812	0.590909	-1.69231	0.371371	0.790608	-1.26485	3.44E-05	0.128559	-7.77852	0.540791	0.853425	-1.17175	0.19964	0.706897	-1.41463	0.213009	1.39895	1.39895	0.00148457	0.309333	-3.23276	12.767	13.2496	0.922492	1
cg19859993	IL19;IL19	0.00080378	0.586193	0.945699	-1.05742	0.025404	0.763487	-1.30978	0.00105618	0.611411	-1.63556	0.0276379	1.30278	1.30278	0.409427	1.08947	1.08947	0.000827683	1.66764	1.66764	0.000595422	1.71321	1.71321	0.0837804	0.823355	-1.21454	0.541716	0.939184	-1.06475	12.5155	2.04499	0.145242	1
cg25206071	IL19;IL19	0.00577742	0.757389	0.915987	-1.09172	0.0384997	0.507149	-1.97181	0.00042149	0.205451	-4.86733	0.559919	1.18169	1.18169	0.148289	0.644581	-1.5514	0.800256	0.930717	-1.07444	0.00446729	0.341689	-2.92664	0.00284063	0.312356	-3.20148	0.497415	0.82275	-1.21544	7.02051	8.91775	1.1291	1
cg02073054	IL19;IL19	0.0393286	0.114801	1.63988	1.63988	0.00448204	0.335206	-2.98324	0.0539806	0.532096	-1.87936	0.550638	0.840165	-1.19024	0.17216	1.52068	1.52068	0.694092	1.12076	1.12076	0.121072	1.62394	1.62394	0.388984	0.775198	-1.28999	0.586168	0.853381	-1.17181	3.70615	4.88299	1.17115	1
cg23407561	IL1A	0.00186303	0.00463222	0.494888	-2.02066	0.0149594	1.74841	1.74841	0.0468019	0.653747	-1.52964	0.00925894	0.539716	-1.85282	0.0716951	0.686932	-1.45575	0.898512	0.976454	-1.02411	0.000343692	0.340922	-2.93322	0.161345	0.756299	-1.32223	0.00217419	0.447885	-2.23271	9.84296	5.43605	0.490913	1
cg27083787	IL1A	0.00553266	0.597008	1.12014	1.12014	0.10399	1.45933	1.45933	0.556295	0.881148	-1.13488	0.372235	1.21506	1.21506	0.00203048	0.396452	-2.52238	0.238288	0.769018	-1.30036	0.000524091	0.316837	-3.15619	0.265799	0.781485	-1.27962	0.0293001	0.579302	-1.72622	7.11461	5.09436	0.636482	1
cg20548977	IL1A	0.0122026	0.107232	0.496837	-2.01273	0.0523865	0.41574	-2.40535	0.12476	0.516247	-1.93706	0.256341	0.624145	-1.60219	0.000299089	0.0962514	-10.3895	0.0162342	0.310502	-3.22059	0.159595	0.549952	-1.81834	0.898184	1.05225	1.05225	0.0466723	0.404046	-2.47497	5.54328	13.8961	2.2283	1
cg27368523	IL1A	0.0124765	0.00487582	0.237294	-4.21417	0.510574	0.77318	-1.29336	0.0200248	0.338979	-2.95003	0.0134266	0.307281	-3.25435	0.103359	0.503242	-1.98711	0.00202662	0.186792	-5.35356	0.510248	0.773022	-1.29362	0.573906	0.803319	-1.24484	0.00700467	0.260764	-3.83488	5.5034	12.9503	2.09168	1
cg27606396	IL1A;IL1A	0.00121309	0.00130308	0.24148	-4.14113	0.390763	0.765772	-1.30587	0.00468527	0.319565	-3.12926	0.0687164	0.538859	-1.85577	0.00141006	0.245905	-4.06661	0.203559	0.665463	-1.50271	0.0257707	0.447735	-2.23347	0.000740058	4.73542	4.73542	0.754622	0.909237	-1.09982	11.1372	16.245	1.29655	1
cg00839584	IL1A;IL1A	0.0270267	0.0181255	0.277325	-3.60588	0.67334	1.20865	1.20865	0.0309759	0.322384	-3.10189	0.258659	0.590526	-1.69341	0.0171461	0.272986	-3.66319	0.226583	0.566972	-1.76376	0.224946	0.565723	-1.76765	0.0157538	3.75258	3.75258	0.701324	0.841781	-1.18796	4.24019	13.4145	2.81214	1
cg18635064	IL1B	0.000719806	0.0169097	0.473608	-2.11145	0.0128315	0.452625	-2.20934	0.0108135	0.439948	-2.273	0.272584	1.34031	1.34031	0.000100178	0.170396	-5.86868	0.386557	1.25567	1.25567	0.0547413	0.571862	-1.74867	0.0342045	0.530568	-1.88477	0.000117975	0.177507	-5.63358	12.9096	13.4515	0.926204	1
cg01290568	IL1B	0.00154228	0.00505046	0.339427	-2.94614	0.649256	0.875088	-1.14274	0.438381	0.794262	-1.25903	0.0105009	0.391238	-2.55599	0.000416685	0.195681	-5.11035	0.0195813	0.439551	-2.27505	0.000554326	0.209773	-4.76706	0.65625	1.13945	1.13945	0.000869215	0.233176	-4.28861	10.396	13.9824	1.19554	1
cg14117934	IL1B	0.00684086	0.0134414	0.39525	-2.53004	0.104145	0.58342	-1.71403	0.0176271	0.416568	-2.40057	0.0450132	0.49775	-2.00904	0.00451453	0.317326	-3.15134	0.230786	0.682998	-1.46413	0.000430785	0.184668	-5.41514	0.925426	0.972005	-1.0288	0.0155004	0.406351	-2.46093	6.66269	9.70638	1.29496	1
cg18773937	IL1B	0.0113678	0.00528404	0.199556	-5.01112	0.422732	0.698429	-1.43178	0.115336	0.472192	-2.11778	0.396732	0.683605	-1.46283	0.0375559	0.347296	-2.87939	0.192249	0.54609	-1.8312	0.586781	0.786203	-1.27194	0.178304	1.87171	1.87171	0.000587149	0.0974666	-10.2599	5.67201	17.2583	2.70463	1
cg07935264	IL1B	0.0176718	0.00445831	0.0836151	-11.9596	0.0443909	0.220796	-4.52907	0.0526836	0.236704	-4.22469	0.0221713	0.166286	-6.01373	0.00952252	0.116659	-8.57203	0.082198	0.283742	-3.52433	0.0119433	0.128468	-7.78404	0.0576956	0.245609	-4.07152	0.0105683	0.121968	-8.19886	4.90536	33.2498	6.02511	1
cg23149881	IL1B	0.0184124	0.0135551	0.235207	-4.25157	0.182099	0.511249	-1.956	0.154635	0.485926	-2.05793	0.0390649	0.322578	-3.10003	0.0575917	0.361603	-2.76546	0.0228117	0.275102	-3.63502	0.0042768	0.163572	-6.1135	0.0384043	0.320962	-3.11564	0.00361582	0.15478	-6.46078	4.83809	17.1954	3.15927	1
cg02596281	IL1B	0.0323577	0.581057	0.808792	-1.23641	0.618	1.21097	1.21097	0.0195632	0.341576	-2.92761	0.0733408	0.467546	-2.13883	0.324344	0.678734	-1.47333	0.0351904	0.392949	-2.54486	0.0157398	0.324074	-3.08571	0.627999	0.830352	-1.20431	0.0036647	0.224031	-4.46366	3.97801	9.13304	2.04078	1
cg15836722	IL1B	0.0443609	0.008937	0.212942	-4.69612	0.832257	1.10367	1.10367	0.00763101	0.202856	-4.92961	0.987603	0.9928	-1.00725	0.0193502	0.268383	-3.72601	0.979282	0.987996	-1.01215	0.176962	0.513018	-1.94925	0.924546	0.9569	-1.04504	0.115561	0.451307	-2.21579	3.54444	12.1418	3.04498	1
cg20157753	IL1B;IL1B	0.014238	0.0199067	0.135427	-7.38406	0.00186731	0.0433096	-23.0896	0.0416179	0.188032	-5.31824	0.0931758	0.268766	-3.7207	0.0229681	0.144591	-6.92516	0.184591	0.36746	-2.72138	0.0052227	0.0726909	-13.7569	0.508017	0.620181	-1.61243	0.011709	0.106385	-9.39979	5.27058	42.2483	7.12523	1
cg22991404	IL1F10	0.00185924	0.000174202	0.139236	-7.18207	0.439543	0.783515	-1.2763	0.00578344	0.326621	-3.06165	0.00113159	0.227078	-4.40378	0.0201318	0.420002	-2.38094	0.36734	0.750831	-1.33186	0.0165849	0.404326	-2.47325	0.00946658	0.361487	-2.76635	0.00191987	0.256844	-3.89342	9.84878	14.9383	1.34824	1
cg06383401	IL1F10	0.00235149	0.00428003	0.123259	-8.11302	0.000637395	0.0565128	-17.6951	0.0176396	0.205655	-4.86251	0.137778	0.416637	-2.40017	0.00456928	0.126338	-7.9153	0.0194401	0.212714	-4.70114	0.000722413	0.0597352	-16.7405	0.00187427	0.0892786	-11.2009	0.0264276	0.236468	-4.2289	9.19608	43.7117	4.22515	1
cg05949173	IL1F10	0.00764712	0.0132325	0.145745	-6.86132	0.00276616	0.0751028	-13.3151	0.019486	0.170147	-5.87728	0.0922297	0.31274	-3.19755	0.0150898	0.153652	-6.5082	0.0611611	0.266249	-3.75588	0.000995876	0.0465769	-21.4699	0.0108517	0.134478	-7.43615	0.0515511	0.249092	-4.01457	6.4347	40.0897	5.53798	1
cg22971153	IL1F10	0.0420945	0.112433	0.311532	-3.20994	0.0110617	0.116439	-8.58818	0.045044	0.211808	-4.72127	0.0450482	0.211816	-4.72108	0.0239005	0.16222	-6.16447	0.157114	0.360189	-2.77632	0.0144441	0.130776	-7.64665	0.0306083	0.18009	-5.55279	0.0859638	0.277895	-3.59848	3.61431	26.0698	6.41149	1
cg02302587	IL1F10;IL1F10	8.78E-06	5.19E-07	0.177675	-5.62825	0.0165231	1.43575	1.43575	0.0022753	0.590279	-1.69411	0.515657	0.921817	-1.08481	0.894289	0.983714	-1.01656	0.0022343	0.589317	-1.69688	0.00800176	0.657205	-1.5216	1.94E-06	0.233282	-4.28666	0.00604936	0.642221	-1.5571	41.9655	10.1383	0.214744	1
cg00706302	IL1F10;IL1F10	0.000260472	0.132886	0.639152	-1.56457	0.000846472	0.250315	-3.99496	0.000511854	0.223654	-4.47118	0.899894	0.965854	-1.03535	4.60E-05	0.119404	-8.3749	0.0553214	0.548992	-1.82152	0.0579612	1.80702	1.80702	0.000192745	0.176752	-5.65763	0.00385791	0.341372	-2.92936	17.0976	20.6364	1.07287	1
cg24553058	IL1F10;IL1F10	0.007524	0.175028	1.52913	1.52913	0.677349	0.884083	-1.13112	0.00487097	0.333203	-3.00117	0.0810299	1.76756	1.76756	0.0283404	0.466676	-2.14281	0.653797	1.14216	1.14216	0.0160774	2.38072	2.38072	0.0107989	2.56724	2.56724	0.0476337	1.94831	1.94831	6.46753	8.88043	1.22052	1
cg13372055	IL1F10;IL1F10;IL1F10	0.0493344	0.183175	0.553486	-1.80673	0.0112996	0.264801	-3.77642	0.0390903	0.367833	-2.71862	0.0628012	0.416122	-2.40314	0.00714263	0.233392	-4.28464	0.664944	0.833183	-1.20022	0.177074	0.548321	-1.82375	0.0394667	0.368752	-2.71185	0.135466	0.509708	-1.96191	3.40542	9.46074	2.46946	1
cg01507173	IL1F5;IL1F5	1.92E-05	0.000905932	0.511653	-1.95445	8.87E-07	5.82449	5.82449	0.0011104	0.522727	-1.91304	0.786756	1.03729	1.03729	0.00129696	0.531198	-1.88254	0.0353129	1.39225	1.39225	0.0034241	1.71064	1.71064	0.849335	0.974652	-1.02601	0.74048	1.0459	1.0459	34.2257	9.87975	0.256591	1
cg21378206	IL1F5;IL1F5	0.000142548	0.00012457	0.335036	-2.98475	0.768451	0.952873	-1.04946	0.0646907	0.712269	-1.40396	0.0563307	0.702319	-1.42386	9.48E-06	0.209811	-4.76618	0.641875	1.0796	1.0796	0.00431777	1.86614	1.86614	0.437286	1.13834	1.13834	0.00510264	0.545997	-1.83151	20.1314	8.52514	0.376423	1
cg22324487	IL1F5;IL1F5	0.00112368	0.0345534	0.536937	-1.86242	0.492238	0.838629	-1.19242	0.00986353	0.439187	-2.27694	9.98E-05	0.175218	-5.70717	0.000473532	0.250272	-3.99565	0.104161	1.56558	1.56558	0.343164	1.27941	1.27941	0.282108	0.754256	-1.32581	0.0154317	0.472416	-2.11678	11.383	11.4771	0.896237	1
cg19050351	IL1F5;IL1F5	0.00534846	0.000494643	0.229423	-4.35876	0.410652	0.796826	-1.25498	0.227967	0.710622	-1.40722	0.48915	1.20886	1.20886	0.461296	0.816717	-1.22441	0.0071037	0.39109	-2.55695	0.00500855	0.366982	-2.72493	0.56197	0.853607	-1.1715	0.00312283	0.335876	-2.97729	7.18891	8.29699	1.0259	1
cg21854348	IL1F5;IL1F5	0.0257288	0.159107	0.430861	-2.32093	0.00777849	0.147784	-6.76665	0.0339951	0.250415	-3.99338	0.271737	0.527232	-1.8967	0.00946305	0.158859	-6.29489	0.0444271	0.274847	-3.63839	0.00508661	0.125968	-7.9385	0.0629001	0.31015	-3.22425	0.0774831	0.333543	-2.99811	4.31384	21.3864	4.40677	1
cg19758360	IL1F6	0.000199199	0.000195619	0.333265	-3.00061	0.00868305	0.556148	-1.79808	2.57E-05	0.231423	-4.3211	0.893433	0.976763	-1.02379	0.00204338	0.466516	-2.14355	0.0081414	0.552018	-1.81154	0.0723432	1.42158	1.42158	0.0354427	0.650789	-1.5366	0.000220253	0.339637	-2.94432	18.3912	8.96269	0.433188	1
cg09063765	IL1F6	0.000324612	0.000106364	0.128211	-7.79963	0.761571	1.09569	1.09569	0.00294812	0.293506	-3.40708	5.01E-05	0.101819	-9.82136	0.00791068	0.359572	-2.78108	0.00151078	0.253488	-3.94496	0.237672	1.44983	1.44983	0.0371652	0.483605	-2.0678	0.00340113	0.30254	-3.30534	16.0986	22.9901	1.2694	1
cg16330195	IL1F6	0.014163	0.0115701	0.217565	-4.59632	0.606228	1.28555	1.28555	0.00977335	0.206322	-4.84679	0.453824	0.691694	-1.44573	0.00504859	0.166744	-5.99723	0.20469	0.523865	-1.90889	0.0041041	0.155663	-6.42415	0.130206	0.454021	-2.20254	0.0200293	0.257754	-3.87967	5.27975	19.5146	3.28544	1
cg00370589	IL1F6	0.018133	0.00599821	0.108171	-9.24459	0.00311952	0.0818027	-12.2245	0.0115124	0.14123	-7.08066	0.349787	0.550976	-1.81496	0.0748122	0.292597	-3.41767	0.0795287	0.299602	-3.33776	0.898694	0.92415	-1.08208	0.038721	0.227061	-4.4041	0.0196607	0.174588	-5.72777	4.86306	29.5408	5.39958	1
cg07177115	IL1F6	0.0304458	0.416351	0.714621	-1.39934	0.405534	0.708773	-1.41089	0.00653328	0.239465	-4.17597	0.00709961	0.244909	-4.08315	0.0131777	0.288483	-3.46641	0.127475	0.513433	-1.94767	0.851861	1.07855	1.07855	0.271422	0.629324	-1.58901	0.0204689	0.323155	-3.09449	4.06546	10.5346	2.30332	1
cg00714464	IL1F7;IL1F7;IL1F7;IL1F7	0.00241405	0.000831523	0.0695646	-14.3751	0.0011757	0.0802755	-12.4571	0.00824945	0.166977	-5.98886	0.00401071	0.128951	-7.75487	0.00163801	0.0916917	-10.9061	0.0395547	0.283311	-3.52969	0.989291	0.992915	-1.00714	0.0143653	0.202132	-4.94727	0.00948715	0.175311	-5.70414	9.12545	40.5647	3.95131	1
cg03712744	IL1F7;IL1F7;IL1F7;IL1F7	0.00271851	0.000429721	0.168828	-5.92319	0.0499275	0.489741	-2.04189	0.00603413	0.31814	-3.14327	0.938894	1.02478	1.02478	0.00047072	0.173012	-5.77994	0.540003	0.820306	-1.21906	0.656796	0.866944	-1.15348	0.729184	0.894971	-1.11735	0.00473963	0.301904	-3.31231	8.81159	14.2255	1.43503	1
cg02229946	IL1F7;IL1F7;IL1F7;IL1F7	0.00552762	0.00102681	0.0951169	-10.5134	0.00441379	0.159222	-6.28054	0.00543275	0.170539	-5.86377	0.0296771	0.290078	-3.44735	0.00914438	0.201731	-4.95709	0.0115211	0.216976	-4.6088	0.00895215	0.200375	-4.99065	0.0255039	0.277079	-3.60907	0.0261113	0.279063	-3.58342	7.1166	26.3514	3.29139	1
cg26841309	IL1F7;IL1F7;IL1F7;IL1F7	0.00764868	0.0584964	0.359662	-2.78039	0.0893669	0.408171	-2.44995	0.15387	0.481741	-2.07581	0.0475952	0.338286	-2.95608	0.00244081	0.132975	-7.52019	0.0289991	0.291896	-3.42588	0.0070372	0.188868	-5.29471	0.00112864	0.101002	-9.90083	0.00619891	0.181346	-5.51434	6.43429	23.3212	3.2218	1
cg12290450	IL1F7;IL1F7;IL1F7;IL1F7	0.0114201	0.0500283	0.302683	-3.30378	0.000842471	0.0682171	-14.6591	0.0588218	0.319409	-3.13078	0.517332	0.703949	-1.42056	0.0234793	0.235216	-4.25142	0.415576	0.640824	-1.56049	0.0040843	0.127343	-7.85282	0.0176153	0.213458	-4.68477	0.0507075	0.304041	-3.28903	5.66361	25.6525	4.02609	1
cg06156847	IL1F7;IL1F7;IL1F7;IL1F7;IL1F7	1.69E-05	1.10E-06	0.0406521	-24.599	0.415492	0.810642	-1.23359	3.94E-05	0.137496	-7.27293	0.0881182	0.62208	-1.60751	0.0128249	0.458592	-2.18059	0.000270122	0.221643	-4.51175	0.000280356	0.223489	-4.47449	1.25E-05	0.0981515	-10.1883	0.000288377	0.224895	-4.44653	35.3677	35.637	0.895657	1
cg06771106	IL1F7;IL1F7;IL1F7;IL1F7;IL1F7	0.000118139	0.0868136	0.737842	-1.3553	0.0194427	1.57484	1.57484	0.000302118	0.388923	-2.5712	1.83E-05	0.245473	-4.07377	0.000184015	0.362047	-2.76207	0.0135558	0.611948	-1.63413	0.0156333	0.620998	-1.61031	0.000392662	0.403348	-2.47925	0.00123862	0.468181	-2.13593	21.1737	8.6654	0.363781	1
cg16677528	IL1F7;IL1F7;IL1F7;IL1F7;IL1F7	0.00201262	0.0132649	0.580347	-1.72311	0.00368495	0.49861	-2.00557	0.000245137	0.341511	-2.92816	0.539003	1.11658	1.11658	0.766319	1.05426	1.05426	0.149493	1.31521	1.31521	0.0374038	1.53454	1.53454	0.930312	0.984612	-1.01563	0.0107142	0.566306	-1.76583	9.62424	4.79129	0.442521	1
cg19856420	IL1F7;IL1F7;IL1F7;IL1F7;IL1F7	0.00375019	0.668603	0.905435	-1.10444	0.531638	0.864018	-1.15738	0.617159	0.890243	-1.12329	0.000133803	0.217207	-4.60391	0.0444939	1.70286	1.70286	0.0741765	1.58249	1.58249	0.824045	0.949926	-1.05271	0.0340464	0.565134	-1.76949	0.0467908	0.591497	-1.69063	8.00634	6.74791	0.749174	1
cg01199888	IL1F7;IL1F7;IL1F7;IL1F7;IL1F7	0.00991626	0.00104529	0.135271	-7.39259	0.070537	0.434595	-2.30099	0.0083537	0.24917	-4.01333	0.705978	0.855326	-1.16914	0.0923414	0.465876	-2.1465	0.429634	0.71718	-1.39435	0.0529778	0.403834	-2.47626	0.0123531	0.276827	-3.61236	0.00357185	0.19643	-5.09088	5.92653	15.9575	2.39337	1
cg03406718	IL1F8	0.00027197	0.000340615	0.192465	-5.19575	0.00266285	0.305284	-3.27564	0.00016491	0.159792	-6.25815	0.288709	0.730142	-1.3696	0.00149307	0.270437	-3.69772	0.246608	0.707518	-1.41339	0.00307831	0.314417	-3.18049	8.40E-05	0.13263	-7.53979	0.000220714	0.172485	-5.79761	16.8972	21.8236	1.14804	1
cg25314928	IL1F8	0.0106988	0.00100794	0.283038	-3.53309	0.195571	0.701856	-1.42479	0.400204	0.800332	-1.24948	0.314366	1.30879	1.30879	0.693585	1.10785	1.10785	0.224088	1.39142	1.39142	0.142875	1.50274	1.50274	0.343625	0.776994	-1.28701	0.00437092	0.373588	-2.67674	5.78397	6.12786	0.941738	1
cg05941585	IL1F8;IL1F8	0.0010586	0.0177536	0.463142	-2.15917	0.641774	0.882413	-1.13326	0.00135964	0.288929	-3.46106	0.00167341	0.301217	-3.31986	8.67E-05	0.152525	-6.55631	0.106591	0.624716	-1.60073	0.0980018	0.615925	-1.62357	0.291862	1.33912	1.33912	0.00190977	0.309187	-3.23429	11.5779	13.0724	1.00363	1
cg11419111	IL1F8;IL1F8	0.00253289	0.000423536	0.0562757	-17.7697	0.00399335	0.13616	-7.3443	0.0443858	0.30426	-3.28666	0.00215932	0.108706	-9.19914	0.0035498	0.130522	-7.66153	0.172931	0.47361	-2.11144	0.588324	0.754568	-1.32526	0.100912	0.396206	-2.52394	0.00120359	0.0868018	-11.5205	8.99735	37.8403	3.73841	1
cg09995854	IL1F8;IL1F8	0.00382784	0.261564	0.592766	-1.68701	0.117301	0.467723	-2.13802	0.00178708	0.137302	-7.28322	0.000610136	0.0945509	-10.5763	0.0315785	0.324339	-3.0832	0.114253	0.464235	-2.15408	0.591175	1.27405	1.27405	0.413819	0.68856	-1.45231	0.000789789	0.103766	-9.63706	7.95718	25.1438	2.80879	1
cg12858261	IL1F8;IL1F8	0.00644594	0.0364144	0.400467	-2.49708	0.00885119	0.285415	-3.50366	0.0137832	0.318049	-3.14417	0.145289	1.80122	1.80122	0.0498279	0.430929	-2.32057	0.0125546	0.310938	-3.21607	0.0366737	0.401133	-2.49294	0.676618	1.17097	1.17097	0.0011067	0.163822	-6.1042	6.78693	15.219	1.99324	1
cg25915512	IL1F8;IL1F8	0.0158758	0.0216292	0.301758	-3.31391	0.284298	0.616801	-1.62127	0.0695687	0.41405	-2.41517	0.140334	0.502003	-1.99202	0.00453607	0.193453	-5.1692	0.0384482	0.352795	-2.8345	0.0016495	0.141281	-7.0781	0.0390789	0.354349	-2.82208	0.0247526	0.313085	-3.19402	5.08415	15.1968	2.65693	1
cg10479672	IL1F8;IL1F8	0.0281333	0.109667	0.395245	-2.53008	0.00458184	0.134124	-7.45579	0.0917103	0.372197	-2.68675	0.101426	0.38498	-2.59754	0.0180525	0.2168	-4.61256	0.0231831	0.235816	-4.2406	0.00729573	0.158559	-6.30679	0.18226	0.470716	-2.12442	0.0572589	0.318278	-3.14191	4.18078	18.7588	3.98837	1
cg05240855	IL1F9	2.29E-06	2.92E-07	0.0822586	-12.1568	1.81E-05	0.234339	-4.26732	0.000734339	0.427137	-2.34117	0.501289	0.893001	-1.11982	8.52E-07	0.11358	-8.80435	0.501742	0.893111	-1.11968	0.00021895	0.360016	-2.77765	6.41E-05	0.295644	-3.38244	4.88E-06	0.177298	-5.64023	59.3432	25.8381	0.387023	1
cg08861115	IL1F9	2.85E-06	1.29E-07	0.118251	-8.4566	0.424621	1.10964	1.10964	4.44E-06	0.259712	-3.85042	0.0467724	0.74793	-1.33702	0.101375	0.795447	-1.25716	0.0532243	1.32341	1.32341	0.000316985	2.10472	2.10472	0.452101	0.906887	-1.10267	0.000321582	0.475883	-2.10136	56.1103	14.4655	0.22916	1
cg14453565	IL1F9	1.07E-05	4.76E-06	0.249481	-4.00832	0.238855	1.17776	1.17776	1.72E-05	0.3108	-3.21751	0.0459372	0.738287	-1.35449	0.0150005	0.672604	-1.48676	0.193028	1.20046	1.20046	0.00179549	1.80242	1.80242	2.49E-05	0.329192	-3.03775	1.94E-05	0.316799	-3.15658	39.8869	11.1129	0.247654	1
cg27067035	IL1F9	0.00334353	0.00048048	0.165051	-6.05873	0.00570984	0.303624	-3.29355	0.0938231	0.545555	-1.833	0.00761137	0.323475	-3.09143	0.0102375	0.344898	-2.8994	0.00464707	0.289932	-3.44908	0.00383269	0.27751	-3.60347	0.00527697	0.298331	-3.35198	0.0300304	0.431999	-2.31482	8.28632	14.1941	1.52263	1
cg26759925	IL1F9	0.00544208	0.00260973	0.154281	-6.4817	0.0210678	0.288311	-3.46848	0.00197976	0.141024	-7.09099	0.661911	0.820994	-1.21804	0.0048923	0.187908	-5.32174	0.178107	0.526547	-1.89917	0.805093	0.895093	-1.1172	0.00804304	0.218278	-4.58132	0.00331433	0.166482	-6.00664	7.15075	22.757	2.82885	1
cg13298167	IL1F9	0.0228718	0.016006	0.30836	-3.24296	0.144918	0.535462	-1.86754	0.0388274	0.38504	-2.59713	0.802107	1.10538	1.10538	0.0299413	0.360959	-2.7704	0.0590061	0.427118	-2.34127	0.332576	0.671125	-1.49003	0.00713599	0.24999	-4.00017	0.00434966	0.218671	-4.57307	4.4935	11.3285	2.24097	1
cg15657888	IL1F9;IL1F9	0.0117402	0.0072077	0.21991	-4.54731	0.393553	0.682723	-1.46472	0.0494376	0.375634	-2.66216	0.493179	0.737921	-1.35516	0.0131111	0.260914	-3.83268	0.00477625	0.194781	-5.13396	0.00190349	0.146469	-6.82736	0.0182497	0.286128	-3.49494	0.112625	0.470373	-2.12597	5.61318	16.9546	2.68488	1
cg06392753	IL1R1	0.000161407	0.875486	0.967783	-1.03329	0.0427572	0.61443	-1.62753	0.000720042	0.34139	-2.9292	2.93E-05	0.180684	-5.53451	0.421712	0.84248	-1.18697	0.672076	1.09299	1.09299	0.381883	1.20598	1.20598	1.42E-05	0.151141	-6.61633	0.483658	0.861864	-1.16028	19.4682	13.4475	0.613993	1
cg06608414	IL1R1	0.0088436	0.18253	0.583946	-1.71249	0.169272	0.573013	-1.74516	0.000747006	0.142888	-6.99849	0.779911	0.898953	-1.1124	0.00220709	0.195641	-5.11141	0.0392945	0.403809	-2.47642	0.908193	0.957081	-1.04484	0.0278296	0.372106	-2.6874	0.0134501	0.312341	-3.20163	6.14645	14.0762	2.03568	1
cg15233681	IL1R1	0.00989175	0.470946	0.771158	-1.29675	0.762424	1.11341	1.11341	0.00170017	0.204292	-4.89496	0.152384	0.580891	-1.72149	0.00106088	0.179952	-5.55704	0.690374	0.867728	-1.15243	0.094379	0.521238	-1.91851	0.0118068	0.328213	-3.0468	0.047874	0.448649	-2.22892	5.93122	11.794	1.76752	1
cg22755445	IL1R1	0.0101706	0.0574416	0.385332	-2.59516	0.34611	0.650125	-1.53817	0.0105836	0.240062	-4.16558	0.00196399	0.143437	-6.97172	0.00264823	0.157922	-6.33224	0.257919	0.5922	-1.68862	0.986262	1.00767	1.00767	0.00501883	0.192558	-5.19325	0.145656	0.499914	-2.00035	5.8787	18.3368	2.77262	1
cg21603144	IL1R2	1.45E-05	0.730143	1.07243	1.07243	0.00857831	0.508105	-1.9681	2.93E-05	0.191104	-5.23275	0.0551324	0.644614	-1.55132	9.99E-07	0.0746397	-13.3977	0.658603	0.914117	-1.09395	1.16E-05	0.152967	-6.53734	0.0708117	1.5033	1.5033	0.000770503	0.35762	-2.79627	36.8422	23.7958	0.574119	1
cg14325025	IL1R2	0.000810304	0.883342	0.968811	-1.03219	0.0954481	0.673481	-1.48482	0.000137698	0.241104	-4.14759	0.0268504	0.567864	-1.76099	0.00015078	0.245612	-4.07146	0.406451	0.832538	-1.20115	0.000842942	0.338426	-2.95486	0.00966147	0.493271	-2.02728	0.00431789	0.438954	-2.27814	12.487	9.21048	0.655648	1
cg17142183	IL1R2	0.00408569	0.15617	0.655199	-1.52625	0.274707	0.728513	-1.37266	0.0021459	0.300747	-3.32506	0.0069029	0.377334	-2.65017	0.000691629	0.236136	-4.23485	0.681011	1.1221	1.1221	0.00204519	0.297818	-3.35775	0.981085	0.993414	-1.00663	0.033404	0.500168	-1.99933	7.80245	9.59921	1.09358	1
cg24603576	IL1R2	0.00627293	0.523083	1.12543	1.12543	0.0449322	0.656922	-1.52225	0.000239971	0.329599	-3.03399	0.322005	1.20538	1.20538	0.363499	0.843236	-1.18591	0.460034	0.871678	-1.14721	0.332357	1.20032	1.20032	0.00831548	0.540161	-1.8513	0.0944325	0.714865	-1.39887	6.84439	3.61351	0.469291	1
cg15400471	IL1R2;IL1R2	0.00011635	0.0408534	0.664726	-1.50438	0.213912	1.25408	1.25408	8.15E-05	0.29258	-3.41787	7.07E-05	0.285324	-3.50479	5.26E-05	0.270605	-3.69543	0.282401	0.824278	-1.21318	0.443855	1.1446	1.1446	0.000150643	0.324431	-3.08232	0.00843981	0.558838	-1.78943	21.2605	10.0781	0.42136	1
cg20340242	IL1R2;IL1R2	0.0014323	0.223985	1.2724	1.2724	0.829221	1.04158	1.04158	0.0192626	0.586323	-1.70554	0.178627	0.763785	-1.30927	0.000361478	0.340105	-2.94026	0.970365	1.00703	1.00703	0.00144301	0.419619	-2.38311	0.0574042	1.49977	1.49977	0.000921855	0.3932	-2.54324	10.6197	5.98118	0.500635	1
cg21364818	IL1R2;IL1R2	0.00198908	0.0416999	0.836773	-1.19507	0.796512	1.01981	1.01981	0.000464374	0.658398	-1.51884	0.231771	0.909195	-1.09987	0.997	0.999715	-1.00029	0.0147156	0.796209	-1.25595	0.000216338	0.625944	-1.59759	0.00237406	0.724962	-1.37938	0.127781	0.882517	-1.13312	9.65729	0.881164	0.0811052	1
cg25920665	IL1R2;IL1R2	0.027258	0.73818	0.89633	-1.11566	0.0109541	0.352874	-2.83387	0.0761932	0.525357	-1.90347	0.499424	0.799574	-1.25067	0.00610438	0.311068	-3.21473	0.0266761	0.424521	-2.3556	0.00583119	0.30795	-3.24728	0.0957129	0.550449	-1.8167	0.187486	0.633979	-1.57734	4.22753	7.12646	1.49842	1
cg06759314	IL1R2;IL1R2	0.0299505	0.0174353	0.352579	-2.83625	0.919017	0.964033	-1.03731	0.412548	0.739519	-1.35223	0.0946221	0.515962	-1.93813	0.00835176	0.297019	-3.36679	0.0297966	0.39812	-2.5118	0.00439928	0.254219	-3.93361	0.112944	0.537183	-1.86156	0.102682	0.525633	-1.90247	4.08923	8.40198	1.82636	1
cg20856504	IL1R2;IL1R2	0.0364415	0.677938	0.857369	-1.16636	0.107111	0.523016	-1.91199	0.0445324	0.427373	-2.33988	0.867979	0.940537	-1.06322	0.00831886	0.288539	-3.46573	0.947157	0.975871	-1.02473	0.00329196	0.22865	-4.3735	0.0517787	0.442372	-2.26054	0.614881	0.829498	-1.20555	3.81091	8.19554	1.9116	1
cg12910851	IL1R2;IL1R2;IL1R2	0.00116004	0.00794777	0.522678	-1.91322	0.00215347	0.43984	-2.27355	0.000118404	0.276864	-3.61188	0.00351142	0.470126	-2.12709	0.00743993	0.518332	-1.92927	0.0451181	0.645158	-1.55001	0.631728	1.09643	1.09643	0.00108277	0.39862	-2.50866	0.0141498	0.561476	-1.78102	11.2802	6.4931	0.51166	1
cg21798630	IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.00338471	0.678501	1.08727	1.08727	0.0578666	0.650234	-1.53791	0.819913	0.95526	-1.04684	0.00449019	0.46747	-2.13918	0.137094	0.725102	-1.37912	0.00201711	0.417117	-2.39741	0.0043821	2.14639	2.14639	0.0423991	1.5987	1.5987	0.112701	1.41423	1.41423	8.25607	5.26846	0.567228	1
cg10906552	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	7.75E-05	1.72E-05	0.586916	-1.70382	0.644717	1.02847	1.02847	0.00181471	0.764828	-1.30748	0.029914	0.856872	-1.16704	0.00173802	1.31001	1.31001	0.0526663	0.875293	-1.14247	0.837301	0.987644	-1.01251	0.000107143	1.51163	1.51163	0.0398352	1.15452	1.15452	23.6979	1.37226	0.0514724	1
cg14515187	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.000202203	0.000163177	0.150534	-6.64304	0.0112618	0.292705	-3.54644	0.660572	0.878011	-1.13894	0.0324106	0.481045	-2.07881	0.00102825	0.238792	-4.18774	0.241358	0.696932	-1.43486	2.48E-05	0.0847532	-11.7989	0.24238	1.43244	1.43244	0.000146846	0.14621	-6.83949	18.3167	25.1445	1.22024	1
cg15680902	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.00134238	0.907786	0.96438	-1.03694	0.0691065	1.89009	1.89009	0.0449913	2.05466	2.05466	0.0348793	2.159	2.159	0.0200355	0.415456	-2.407	0.0358977	2.14692	2.14692	0.101036	0.570002	-1.75438	4.89E-05	10.9052	10.9052	0.2609	1.44343	1.44343	10.8192	16.7882	1.3793	1
cg01120898	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.00871068	0.838093	0.938842	-1.06514	0.397511	1.30632	0.43403	1.27918	1.27918	0.258632	1.43841	1.43841	0.1451	0.617153	-1.62034	0.230918	1.47347	1.47347	0.297098	0.716464	-1.39574	0.000159702	7.31584	7.31584	0.0581	0.859376	-1.16365	9.30581	1.39335	1		
cg25087154	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.0193608	0.766018	1.11642	1.11642	0.285543	1.50578	1.50578	0.271771	1.52326	1.52326	0.406461	1.33684	1.33684	0.314953	0.681563	-1.46734	0.228283	1.2437	1.2437	0.000195344	0.224358	-4.45714	0.170458	8.57993	8.57993	0.847685	1.17574	1.17574	4.62184	10.5588	2.07708	1
cg18084083	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.0214602	0.472008	0.640675	-1.56085	0.140364	2.62573	2.62573	0.914709	0.936879	-1.06737	0.00321667	0.0865559	-11.5532	0.621284	0.738544	-1.35401	0.547228	0.690245	-1.44876	0.832808	1.1373	1.1373	0.00195936	0.0696629	-14.3548	0.958307	0.968484	-1.03254	4.56298	26.9428	5.21642	1
cg16588163	IL1RAPL1	0.047711	0.0392224	0.170261	-5.87333	0.0502399	0.190839	-5.24003	0.31304	0.46101	-2.16915	0.169728	0.33779	-2.96042	0.0124356	0.100696	-9.42544	0.0975658	0.224872	-4.44697	0.00814747	0.080129	-12.3437	0.0533252	0.196152	-5.09807	0.108634	0.187967	-5.32009	3.44883	30.0769	7.75192	1
cg01137368	IL1RAPL1	0.00504836	0.0602635	0.596243	-1.67717	0.101303	0.645442	-1.54933	0.0291191	0.533934	-1.87289	0.00454733	2.51511	2.51511	0.00283013	0.366694	-2.72707	0.00286628	2.72121	2.72121	0.00134773	3.11537	3.11537	0.00215331	2.86148	2.86148	0.00672009	2.35774	2.35774	14.8388	13.5889	0.838813	1
cg17735495	IL1RAPL1	0.00985848	0.25614	1.12572	1.12572	0.000732234	1.41311	1.41311	0.00318075	0.531348	-1.88201	0.156579	0.859547	-1.1634	0.00787709	0.71087	-1.40673	0.290038	1.10712	1.10712	0.00288232	1.50583	1.50583	0.293942	1.11486	1.11486	0.796708	1.15566	1.15566	10.1846	5.86566	0.140439	1
cg14358620	IL1RAPL1	0.0138668	0.113858	0.575531	-1.73753	0.524167	0.817682	-1.23036	0.0153169	0.373337	-2.67854	0.00668811	1.16934	1.16934	0.00438993	0.577958	-1.78924	0.01912	1.69359	1.69359	0.0022107	2.16081	2.16081	0.0164895	1.83148	1.83148	0.00887	1.75323	1.75323	7.76634	1.45215	1	
cg11556680	IL1RAPL1	0.0233731	0.00980176	1.68771	1.68771	0.406937	1.14566	1.14566	0.359743	1.16291	1.16291	0.284952	0.836925	-1.19485	0.0103837	0.596107	-1.67755	0.0419371	1.45608	1.45608	0.207646	1.23734	1.23734	0.998692	0.999737	-1.00026	0.045935	1.44294	1.44294	4.46003	1.81475	0.361682	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1221 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Error
cg02089570	ILMN_1651	0.02284522	0.014381	0.479583	-2.08514	0.915713	0.074542	-1.02612	0.771844	1.07339	1.07339	0.0482775	0.577099	-1.73281	0.00755047	0.432895	2.31003	0.165474	0.607446	-1.4318	0.00702793	0.436319	-2.2919	0.00761114	0.588772	-1.68945	0.0604975	0.507142	1.69314	0.835335	1
cg19345896	ILMN_1651	0.03716192	0.047912	0.537733	-1.85966	0.369795	0.77673	-1.28745	0.108536	0.61865	-1.61642	0.709022	1.10831	1.10831	0.0032088	0.3046937	2.38195	0.367634	0.775795	-1.289	0.0561093	0.552395	-1.8103	0.282862	0.736308	-1.35813	0.0181475	0.455206	-2.19681	0.783566	4.50943	1.05942	1
cg02064569	ILMN_1651	0.00058726	0.324487	0.818905	-1.22114	0.486086	1.14909	1.14909	0.146374	0.736291	-1.35816	0.00810481	1.9458	1.9458	0.0476046	0.640926	-1.56024	0.0148146	0.555052	-1.80163	0.000458717	2.95412	2.95412	0.100007	0.701957	-1.42459	0.00014169	3.62899	3.62899	13.6654	8.34412	0.542758	1
cg04435878	ILMN_1651	0.03380317	0.052353	0.293133	-3.40923	0.913619	1.06217	1.06217	0.100407	0.807735	-2.71935	0.175401	2.22768	2.22768	0.00747092	0.147405	-6.78312	0.0133895	0.182214	-5.48805	0.83223	0.88877	-1.12515	0.995349	0.616337	-1.62249	0.397196	1.61911	1.72096	18.3076	4.34956	1
cg19683299	ILMN_1652/TE|13A	3.32E-05	0.029882	0.573843	-1.74264	0.0100287	0.522026	-1.91561	0.0152478	0.401444	-2.491	5.326	0.127062	-7.87015	1.82E-05	0.0928977	-10.7645	0.0259053	0.790182	-1.26553	0.332044	1.22157	1.22157	0.00745576	0.502033	-1.9919	0.00404309	0.462031	-2.16436	29.6685	18.7941	0.563084	1
cg18119394	ILMN_1652/TE|13A	5.42E-05	0.200522	-4.98099	2.04E-05	0.146365	-1.83223	0.00282562	0.399351	-2.50406	0.000175727	2.34167	-1.13787	0.000215624	0.251999	3.96827	0.615678	0.635	0.195463	-5.11606	0.277924	1.28638	1.28638	0.0417339	0.592201	-1.68862	0.000210733	0.25083	-3.98676	25.8162	20.369	0.703192	1
cg14396739	ILMN_1652/TE|13A	0.00106223	0.950947	1.01866	1.01866	0.346142	0.747042	-1.33861	0.0162817	0.413499	-2.41838	0.00023913	0.160701	-6.22274	6.66E-05	0.1111218	-8.99867	0.0538085	0.829116	1.2061	0.29111	1.38999	1.38999	0.227662	0.683406	-1.46326	0.0124971	0.392947	-2.54487	11.5666	16.5521	1.27202	1
cg17651942	ILMN_1652/TE|13A	0.00156234	0.001913	-3.7886	0.0818842	0.57062	-1.2448	0.293547	0.272512	-1.3689	0.00428608	0.329128	-3.02647	0.000346091	0.187624	-5.32922	0.00817702	0.573785	-1.62533	0.0104814	0.305497	-3.27047	0.0010378	0.24697	-4.04908	0.0034113	0.314408	-3.18058	10.9999	14.6491	1.33026	1
cg00774951	ILMN_1652/TE|13A	0.00044608	0.005057	1.8144013	-5.51227	0.0055784	0.187071	-5.34556	0.062371	0.380606	-2.62739	0.0403711	0.336077	-3.97551	0.000582273	0.0863592	-11.5795	0.0474588	0.352053	-2.84048	0.00738274	0.203988	-4.90226	0.00973079	0.221834	-4.50787	7.56859	0.253656	3.98535	1
cg22522299	ILMN_1652/TE|13A	0.00931111	0.00106961	0.114063	-8.76711	0.0679551	0.399256	-2.50466	0.255503	0.586759	-1.70428	0.017937	0.274776	-3.63933	0.00670542	0.206133	-4.85124	0.653562	1.22495	1.22495	0.167203	1.93731	1.93731	0.0790125	0.416486	-2.40104	0.0323427	0.32451	-3.08157	6.04673	19.3169	2.83965	1
cg19963297	ILMN_1652/TE|13A	0.00205125	0.0768868	0.3570729	-3.38054	0.6720884	0.266145	-1.88252	0.14216	0.2510393	0.1033223	0.337916	2.95934	0.1764959	0.0070475	0.2041735	4.89	0.0952453	0.33131	-3.01803	0.0015939	0.0774353	0.14243	2.58838	0.0810509	0.2490744	-4.01491	-3.2086	0.0135765	0.158722	6.30031	4.66624	26.8298	5.11309	1
cg19969733	ILMN_1651	1.83E-05	0.132893	3.15111	1.30514	0.320184	0.826426	-1.21003	0.000507707	0.364896	-2.74051	3.04E-06	0.127246	-7.85882	6.52E-06	0.151454	-6.44577	0.0001666179	0.304049	-3.28894	0.000409703	0.352892	-2.83373	0.313974	0.824256	-1.21321	7.53E-05	0.263607	-3.79353	14.9238	18.9238	0.484939	1
cg07738684	ILMN_1651	0.00097845	0.05098861	0.977377	-1.02309	0.0245646	0.619598	-1.70233	0.0056889	0.627321	-1.47641	0.00922781	0.142637	-7.02619	0.00045766	0.153012	-6.53822	0.0010992	1.51603	1.51603	0.0010099	1.21273	1.21273	0.0125093	0.74364	-1.34474	0.00478838	0.693397	-1.44217	11.8395	2.51681	0.162455	1
cg19936609	ILMN_1651	0.00298809	0.791639	0.918661	-1.08854	0.0508262	0.0399	-2.0398	0.003878807	0.287558	-3.47756	0.000430725	0.185768	-5.95749	0.0539761	0.148521	-2.01564	0.0140022	0.763408	-1.31009	0.945212	1.02227	1.02227	0.00583435	0.314534	-3.17931	0.00612025	0.317801	-3.14662	8.56826	13.9324	1.64358	1
cg12076546	ILMN_1651/IRL1	0.00014488	0.503425	0.911981	-1.09651	0.123469	0.797402	-1.25407	1.39E-06	0.188088	-5.31665	0.38235	0.885537	-1.12926	0.0653203	0.755718	-1.32325	0.180168	1.21303	1.21303	0.560093	0.923162	-1.08323	0.202393	1.20041	0.0570459	0.746049	-1.33932	19.9184	5.80799	0.25919	1
cg01254907	ILMN_1651/IRL1	0.01550389	0.002255	0.183871	-5.42793	0.0108514	0.346158	-2.88886	0.949661	0.997559	-1.03332	0.189188	0.485793	-2.05851	0.00715605	0.167677	-5.96385	0.720743	0.833682	-1.1995	0.842563	0.855	-1.16874	0.0995682	0.182046	-5.49131	0.00931362	0.180457	-5.54148	6.17627	22.0885	3.57913	1
cg12663550	ILMN_1652	5.41E-07	0.0281745	1.42176	1.42176	2.30E-07	0.121284	-8.24509	2.53E-06	0.231279	-4.6887	1.51E-05	0.295769	-3.38102	2.55E-07	0.124766	-8.015	0.501908	1.09694	1.09694	0.0395513	1.38154	1.38154	8.63E-06	0.269021	-3.71729	8.47E-06	0.268164	-3.72906	85.771	25.0371	0.259473	1
cg07014591	ILMN_1652	0.00124507	0.262323	0.78957	-1.26651	0.158108	1.58047	1.58047	0.108763	0.699556	-1.42948	0.218452	1.07665	1.07665	0.00017622	0.271563	-3.68239	0.0014218	0.389971	-2.56429	0.0620914	1.53233	1.53233	0.632001	1.10344	1.10344	0.00137734	0.388016	-2.57692	11.9446	7.27917	0.58584	1
cg03178229	ILMN_1652	0.00138224	0.768304	0.886133	-1.12859	0.00127694	0.846486	1.18586	0.185582	0.566222	-1.76609	0.380197	0.691799	-1.44551	0.0992208	0.304243	-3.28707	0.0993258	0.99298	-1.04243	0.763811	0.8825518	-1.13312	0.0278859	0.291028	2.91028	0.056-05	20.7557	0.86521	28.7987	23.5874	1
cg00674896	ILMN_1652	0.00165135	0.276781	0.598718	-1.67024	0.000725723	10.2863	10.2863	0.732692	1.1682	1.1682	0.169245	0.514736	-1.94275	0.294557	0.6108303	-1.63719	0.0793112	0.413406	-2.41893	0.55302	0.761746	-1.31277	0.02385	3.39657	3.39657	0.000205045	16.7954	16.7954	10.193	33.1972	2.89499	1
cg15077079	ILMN_1652	0.00242122	0.201057	1.445043	1.45743	0.0035887	0.266145	-1.26645	0.215447	1.43864	1.43864	0.463709	0.822165	-1.21628	0.00858525	0.223521	-4.51218	0.1845641	1.48079	1.48079	0.18663	1.00409	1.00409	0.0255008	2.69116	2.09116	0.0077454	1.65994	1.61749	11.2364	1.09547	1
cg08023416	ILMN_1652	0.0273731	0.413136	1.68747	1.68747	0.09808893	0.70336	-1.70336	0.124059	0.283152	2.83352	0.88345	0.914523	-1.09347	0.345528	0.544688	-1.83591	0.0794533	3.38754	3.38754	0.0105172	0.748731	0.748731	0.0406247	4.38575	0.410193	0.758348	0.758348	0.422127	26.1455	50.5056	1
cg24394627	ILMN_1652	0.0287315	0.21415	1.745063	1.74506	0.0232641	0.399256	-1.28317	0.0133728	0.258415	0.405893	0.30123	0.744803	-1.34333	0.0570389	0.144643	-6.91626	0.0992697	0.570838	-1.75182	0.0240647	0.193248	0.99238	0.769948	0.935159	-1.06934	0.123371	1.38332	1.34886	0.0252344	0.0456408	1
cg22797160	ILMN_1652	0.0315392	0.0288075	2.58163	2.58163	0.0128458	3.11625	3.11625	0.0950398	1.9637	1.9637	0.26995	1.52591	1.52591	0.785527	1.10555	1.10555	0.0153325	2.98877	2.98877	0.0102791	3.28634	3.28634	0.0197597	2.81668	2.81668	0.0502768	2.27268	2.27268	4.01465	8.60471	1.90518	1
cg26788216	ILMN_1652	0.0445288	0.0142588	2.382004	-4.19808	0.96268	0.978034	-1.02246	0.00564134	0.178286	-5.60897	0.0527055	0.360133	-2.77675	0.156912	0.487422	-2.05161	0.469646	1.41813	1.41813	0.0935741	0.416684	-2.3999	0.141322	0.471955	-2.11885	0.0822603	0.400997	-2.49353	5.53944	12.6315	3.17227	1
cg14837955	ILMN_1652/IL21R.2	0.00105511	0.004058	1.8207	-5.50763	0.0136401	0.236221	2.7715	0.0190804	0.346157	2.89387	0.0054337	0.189487	-5.27444	0.0138415	0.405793	-2.46519	0.0079399	1.00014207	1.00014207	0.0010463	1.09469	1.09469	0.00705563	2.33938	2.33938	0.0067133	1.83874	1.83874	8.35486	1.59327	1
cg01467417	ILMN_1651/IRL1	0.00280938	0.194207	0.606089	-1.64992	0.100276	0.518693	-1.92792	0.0032429	0.231375	-4.32199	0.00196895	0.243609	-4.10494	0.266328	0.655577	-1.52537	0.930825	1.03216	1.03216	0.391934	0.72632	-1.3768	0.118152	0.538737	-1.85619	0.0224171	0.368895	-2.7108	4.18285	0.84905	1.87112	1
cg00222852	ILMN_1651/IRL1	0.0222852	0.838283	1.16709	-1.16709	0.0382776	0.388096	-1.46746	0.0597353	0.477783	-2.09301	0.00100941	0.183389	-5.45618	0.00072265	0.215634	-4.63922	0.189435	0.616789	-1.6213	0.00404934	0.345128	-2.89062	0.427353	0.743995	-1.34473	0.0173744	0.388016	-2.57592	11.9446	7.27917	0.58584	1
cg01991967	ILMN_1651/IRL1	0.00231158	0.0162114	0.446815	-2.23806	0.179268	0.67647	-1.4782	5.74E-05	0.129429	-7.72626	0.616863	0.870936	-1.14819	0.0195954	0.280266	-3.45702	0.733232	0.910534	-1.09826	0.114866	0.628729	-1.59051	0.0246026	0.486149	-2.05698	0.0700727	0.574173	0.74173	0.284028	0.281101	1.04201	1
cg02543462	ILMN_1651/IRL1/IRL1	0.00926306	0.0115429	0.438215	-2.28198	0.0991121	0.623618	-1.60355	0.000844767	0.269596	-3.70926	0.00501288	0.379178	-2.63728	0.0880918	0.6116655	-1.63491	0.741907	0.682308	-1.46561	0.207037	1.41559	1.41559	0.574838	0.862407	-1.15955	0.0456199	0.549561	-1.81964	6.01669	6.54381	0.96018	1
cg03898987	ILMN_1651/IRL1/IRL1	0.027665	0.0140903	0.4852	-2.06035	0.0818543	0.570562	-1.7548	0.0179537	0.270706	-3.7457	0.0141889	0.241447	-4.14283	0.0241404	0.406733	-2.45974	0.859027	0.74099	-1.34962	0.144468	0.976273	-1.02482	0.904163	0.666524	-1.50032	0.0406363	0.365702	-2.73447	2.62056	12.0822	2.54946	1
cg23041410	ILMN_1651/IRL1/IRL1	0.0480814	0.988472	1.00406	1.00406	0.0582377	0.356455	-2.80541	0.00554307	0.359723	-2.77992	0.874919	1.04518	1.04518	0.0812625	0.951753	-1.05069	0.583958	1.16782	1.16782	0.858637	0.15129	1.05129	0.275771	0.728491	-1.3727	0.505971	1.20844	1.20844	1.43877	4.23632	1.10797	1
cg09326693	IL2	0.0326202	0.0032766	0.3465	-2.88641	0.0139736	0.289317	-3.45668	0.0015238	0.265315	-3.75728	0.0096314	0.205802	-4.85934	0.0014168	0.414404	-2.41384	0.0017759	0.409634	0.680802	0.0014467	0.431144	0.43144	0.0017784	0.577448	1.12315	1.12315	0.438035	0.802376	0.42244	0.0456408	1.04201	1
cg25065535	IL2	0.0328959	0.120307	0.525451	-1.90313	0.148073	0.552924	-1.80857	0.0168426	0.328349	-3.04554	0.0630786	0.450051	-2.22197	0.00693357	0.263353	3.79719	0.540943	0.780497	-1.26663	0.130094	0.535584	-1.86712	0.165307	1.75971	1.75971	0.0229239	0.35373	-2.82702	3.95454	0.13362	2.05303	1
cg17869355	IL20	0.000893763	0.270586	0.709191	-1.41006	0.276729	0.712549	-1.40341	0.00410089	0.231857	-4.31313	0.00216775	0.157474	6.35024	0.00001	0.1515	-6.59	0.2270644	0.683913	-1.46218	0.00868624	0.223808	-4.46811	0.0356431	0.28038	2.08038	0.00396272	0.313258	-3.19226	12.1466	17.2639	1.26397	1
cg23282674	IL20	0.0005544	0.342161	0.7995	-1.25085	0.0238579	0.885799	-1.12898	0.0148465	0.405893	-2.2851	0.0049351	0.34911	-2.86473	0.0078803	0.203123	-4.92383	0.0027213	0.570838	-1.75182	0.0240647	0.193248	0.99238	0.769948	0.935159	-1.06934	0.123371	1.38332	1.34886	0.0252344	0.0456408	1.04201	1
cg17030628	L20	0.00610662	0.00386235	0.332746	-3.00529	0.807558	0.07158	1.07158	0.233176	0.70231	-1.42387	0.0338215	0.49631	-2.01479	0.00619866	0.36461	-2.74266	0.0032226	0.321031	-3.11496	0.00328742	0.322303	-3.10267	0.0110622	0.406255	-2.46151	0.0108753	0.404986	-2.46922	6.90151	8.73498	1.12503	1
cg25763212	L20	0.00120125	0.0895	0.5105	-1.95886	0.0115537	0.45415	-2.20135	0.0153455	0.888083	-1.13526	0.00278375	0.314177	3.18241	0.0019	0.1900199	5.26	0.357927	1.1564	1.1564	0.0064315	0.31177	-3.20715	0.0078435	0.337356	-2.96482	0.0106682	0.2405	0.3221	0.107907	0.63236	0.597656	-1.67292	0.0068624	0.2405	0.3221	0.0254852	1
cg06348038	L20	0.024271	0.957262	1.01811	1.01811	0.0058584	0.92895	1.92895	0.0830118	0.190199	1.90199	0.996867	0.793613	-1.26006	0.173187	0.738241	1.35463	0.321118	0.709385	-1.40967	0.647293	0.857015	-1.16684	0.736103	1.11997	1.11997	0.934759	0.97295	-1.0278	0.40224	-2.82423	1.57949	1
cg01103730	L20	0.048701	0.310373	0.813623	-1.22907	0.0827985	1.45859	1.45859	0.0130543	0.546027	-1.83141	0.212544	1.29433	1.29433	0.562535	0.891331	-1.12192	0.806217	0.952853	-1.04948	0.0493807	0.643583	-1.5538	0.027498	0.599109	-1.66914	0.821638	1.04537	1.04537	3.42209	2.09266	0.543569	1
cg14837960	L20	1.48E-06	0.003388274	0.2965	-3.37206	0.0018537	0.145437	-6.90545	0.0004	0.0001	-9.0059	0.0003825	0.0001	-9.88881	0.0001	0.0001	-9.88881	0.178945	0.887314	-1.12725	0.2708	0.4	2.34411	0.250385	1.09444	1.09444	0.000105442	1.67298	1.67298	1.67298	1.67298	1.67298	1
cg03630808	L20	0.024271	0.957262	1.01811	1.01811	0.0058584	0.92895	0.928951	0.0830118	0.190199	1.90199	0.996867	0.793613	-1.26006	0.173187	0.738241	1.35463	0.321118	0.709385	-1.40967	0.647293	0.857015	-1.16684	0.736103	1.11997	1.11997	0.934759	0.97295	-1.0278	0.40224	-2.82423	1.57949	1
cg01103730	L20	0.048701	0.310373	0.813623	-1.22907	0.0827985	1.45859	1.45859	0.0130543	0.546027	-1.83141	0.212544	1.29433	1.29433	0.562535	0.891331	-1.12192	0.806217	0.952853	-1.04948	0.0493807	0.643583	-1.5538	0.027498	0.599109	-1.66914	0.821638	1.04537	1.04537	3.42209	2.09266	0.543569	1
cg26763212	L20	0.00120125	0.0895	0.5105	-1.95886	0.0115537	0.45415	-2.20135	0.0153455	0.888083	-1.13526	0.00278375	0.314177	3.18241	0.0019	0.1900199	5.26	0.357927	1.1564	1.1564	0.0064315	0.31177	-3.20715	0.0078435	0.337356	-2.96482	0.0106682	0.2405	0.3221	0.107907	0.63236	0.597656	-1.67292	0.0068624	0.2405	0.3221	0.0254852	1
cg14837955	IL21R.2	0.00105511	0.004058	1.8207	-5.50763	0.0136401	0.236221	2.7715	0.0190804	0.346157	2.89387	0.0054337	0.189487	-5.27444	0.0138415	0.405793	-2.46519	0.0079399	1.00014207	1.00014207	0.0010463	1.09469	1.09469	0.00705563	2.33938	2.33938	0.0067133	1.83874	1.83874	8.35486	1.59327	1
cg01467417	ILMN_1651/IRL1	0.00280938	0.194207	0.606089	-1.64992	0.100276	0.518693	-1.92792	0.0032429	0.231375	-4.32199	0.00196895	0.243609	-4.10494	0.266328	0.655577	-1.52537	0.930825	1.03216	1.03216	0.391934	0.72632	-1.3768	0.118152	0.538737	-1.85619	0.0224171	0.368895	-2.7108	4.18285	0.84905	1.87112	1
cg02782852	ILMN_1651/IRL1/IRL1	0.0222852	0.838283	1.16709	-1.16709	0.0382776	0.388096	-1.46746	0.0597353	0.477783	-2.09301	0.00100941	0.183389	-5.45618	0.00072265	0.215634	-4.63922	0.189435	0.616789	-1.6213	0.00404934	0.345128	-2.89062	0.427353	0.743995	-1.34473	0.0173744	0.388016	-2.57592	11.9446	7.27917	0.58584	1
cg02445068	IL20RA	0.00391571	0.173461	0.6429	-1.5571	0.0093575	0.497686	-2.0093	0.552753	0.7885	-1.26803	0.0881488	0.2227	0.2227	0.0027	0.0027	0.0027	0.2098907	1.3203	1.3203	0.565696	1.08551	1.08551	0.767241	1.04283	1.04283	0.0097404	2.98204	2.98204	0.48104	2.181101	1.04201	1
cg03469291	L20RA	0.00507354	0.171985	0.601783	-1.66173	0.00128794	5.1482	5.1482	0.442328	0.760613	-1.31473	0.493125	0.759093	-1.31736	0.266838	1.49794	1.49794	0.515751	1.25884	1.25884	0.0506412	0.459348	-2.177	0.000873864	5.7185	5.7185	0.206891	1.59196	1.59196	7.30594	14.1179	1.71768	1
cg01076217	L20RA	0.00401502	0.0435288	0.6	-1.66667	0.0888585	0.607287	-2.0526	0.0682	0.688435	-1.45239	0.0108	0.191078	-5.25704	0.0243476	0.390275	-3.44678	0.1288514	0.844868	0.844868	0.0138435	0.518248	1.18434	0.0129274	0.388014	-2.57428	0.0461103	0.365702	-2.73447	2.62056	12.0822	2.54946	1
cg16040911	L20RA	0.0184195	0.0649909	0.677493	-1.47603	0.0032426	0.470279	-2.1264	0.00693037	0.538623	-1.92818	0.938484	0.962701	-1.03874	0.126983	0.733338	1.36363	0.542763	0.890685	-1.12273	0.037226	1.57525	1.57525	0.598004	0.904854	-1.10515	0.673097	1.083	1.083	4.83746	2.70508	0.497062	1
cg16533115	L20RB	7.15E-05	0.0027899	0.3778	-2.64706	0.612132	1.07176	1.07176	0.000626696	0.46028	-2.40953	0.0036299	0.139697	-7.15882	0.000384402	0.463772	-2.15623	1.26E-05	0.0147	0.0147	0.0396299	0.724613	-1.38004	0.00385612	0.422537	-2.36682	0.0001214	0.0454829	0.0454829	0.0454829	0.0454829	0.0454829	1
cg20044161	L20RB	0.00329766	0.130851	0.847585	-1.17982	0.725083	0.964842	-1.03644	0.6554	0.959576	-1.04213	0.393546	0.915219	-1.09263	0.469932	1.07734	1.07734	0.000293834	0.549919	-1.81845	0.000266487	0.154178	-6.48511	0.0424871	0.789141	-1.2672	0.0154879	0.802057	-1.24679	8.320555	1.35407	0.144656	1
cg07593390	L20RB	0.02398	0.0524189	0.450525	-2.2221	0.0497791	0.444828	-2.24806	0.0704735	0.481031	-2.07808	0.0604238	0.220148	4.54525	0.0001	0.0001	4.54525	0.0055646	2.19238	2.19238	0.284964	0.668957	-1.49486	0.754547	1.12023	1.12023	0.129458	0.552659	-1.80944	4.42067	9.17418	1.84474	1
cg22746584	L20RB	0.0157467	0.0134161	0.3965	-2.52138	0.0885799	0.42135	-2.37342	0.0099	0.135997	-7.35	0.0220241	0.199934	5.06066	0.0001	0.0001	5.06066	0.0038599	2.45655	2.45655	0.0001	0.6864	-1.45657	0.423321	0.914602	-1.09337	0.0364439	0.379365	0.6209	0.7067	0.24124	0.4264	1
cg19340103	L21	3.52E-05	0.0292838	0.688131	-1.45321	8.09E-05	0.35516	-2.81563	0.000641217	0.466398	-2.14409	1.74E-05	0.277795	-3.59977	2.15E-05	0.288118	3.4708	0.0009959	0.452655	-2.20919	0.8941	0.246357	-4.05915	0.286593	0.85123	-1.17477	0.147768	0.797681	-1.25363	29.2008	9.79856	0.298274	1
cg19195126	L21	0.00741	0.0595395	0.577993	-1.73055	0.0162321	0.24485	-4.08413	0.0214017	0.26627	-3.75559	0.0180798	0.256773	-3.89448	0.0192444	0.257853	3.88218	0.0192842	0.258014	3.87576	0.0261576	0.284746	-3.51191	0.0722868	0.352182	-2.8398	0.0653726	0.337159	-2.96136	3.92686	14.248	3.2252	1
cg14588682	L22	0.00692677	0.460706	-2.01293	2.12293	0.813769	1.06253	1.06253	0.0061228	0.213719	-4.67903	0.1703493	1.85391	1.85391	0.0461128	0.485789	2.02055	0.1454	0.0561706	0.57355	1.74353	0.2443779	0.777072	-1.28688	0.163406	1.4657	0.817108	0.06135	1.06135	0.0255464	0.508569	-1.97781	0.63684	0.9444	0.930082	1
cg26333641	L22	0.00930442	0.0916081	0.556588	-1.04538	0.454485	1.13463	1.13463	0.0350045	0.431925	-2.4159	0.850265	1.07021	1.07021	0.611002	1.20224	1.20224	0.0016102	0.0988804	-10.1132	0.537569	1.25124	1.25124	0.396785	0.732302	-1.36556	0.699304	0.869912	-1.14954	0.04811	12.3494	1.81499	1
cg02544402	L22	0.00520702	0.0453079	0.5	-2	0.0845845	0.5	-2.0121	0.0858446	0.5	-2.03268	0.0591202	0.295857	-3.38048	0.0655319	0.295857	-3.38048	0.0033542	0.15672	1.15672	0.149529	1.19864	1.19864	0.0820096	0.797762	-1.25351	0.116094	1.2217	1.2217	1.14132	1.11335	0.919355	1
cg11520493	L22|L22	0.02854	0.0556042	0.499343	-2.00263	0.388728	0.753659	-1.32686	0.00689878	0.326378	-3.06393	0.0653611	0.515675	-1.93921	0.0148764	0.383257	2.60921	0.111486	1.74196	1.74196	0.704162	0.885026	-1.12991	0.276781	0.696168	-1.43643	0.0237393	0.421374	-2.37313	1.97567	6.75294	1.44305	1
cg21293216	L22|RA1	0.00178676	0.338879	-2.57914	2.95136	0.0442237	0.71962	-1.38962	0.0198356	0.380381	-2.6269	0.0203703	0.255627	-3.91245	0.0148	0.382703	2.61027	0.027816	0.648262	-1.54255	0.0435293	0.172969	-5.7814	0.00178802	0.123817	-8.07576	0.289179

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09368704	IL31;LRRC43	0.0283857	0.012014	0.363024	-2.75464	0.541769	1.22111	1.22111	0.011277	0.358242	-2.79141	0.61584	0.849062	-1.17777	0.00313242	0.270778	-3.69306	0.839652	1.06772	1.06772	0.548617	1.2169	1.2169	0.624095	0.85236	-1.17321	0.525252	0.812039	-1.23147	4.16764	6.90467	1.47265	1
cg01096487	IL31RA	0.000283302	0.217995	0.775115	-1.29013	0.0121941	0.541186	-1.84779	0.000247888	0.304436	-3.28477	0.565051	0.891956	-1.12113	0.000305774	0.315746	-3.16711	0.00396621	0.46693	-2.14165	0.000136774	0.273332	-3.65856	0.00255457	2.27651	2.27651	0.196363	0.764484	-1.30807	16.7098	10.2272	0.544043	1
cg26103526	IL31RA	0.000504926	0.020843	0.767757	-1.3025	0.00443189	1.43452	1.43452	0.0160753	0.755833	-1.32304	0.00193118	0.659047	-1.51734	0.000162981	0.542665	-1.84276	0.0746528	1.20766	1.20766	0.0033971	1.45994	1.45994	0.802144	0.976425	-1.02414	0.79117	0.975098	-1.02554	14.2517	2.03801	0.127112	1
cg17405000	IL31RA	0.000921491	0.00646617	0.325508	-3.07212	0.590201	0.841689	-1.18809	0.00179869	0.244727	-4.08619	0.0100239	0.356854	-2.80227	0.000980179	0.211429	-4.72972	0.00105556	0.21533	-4.64404	0.000151172	0.127257	-7.85814	0.914307	1.03471	1.03471	0.00416642	0.296044	-3.37787	12.0421	19.1649	1.41465	1
cg15400593	IL31RA	0.00298657	0.233162	0.881899	-1.13392	0.0891879	0.828252	-1.20736	0.00220858	0.649677	-1.53923	0.150182	0.856356	-1.16774	0.000812211	0.601884	-1.66145	0.0815514	0.823593	-1.21419	0.00222039	1.53863	1.53863	0.370177	0.911633	-1.09693	0.250465	0.886274	-1.12832	8.56955	1.37176	0.142287	1
cg04245540	IL31RA	0.00714578	0.145043	0.406767	-2.45841	0.00182814	0.0784472	-12.7474	0.00682573	0.133426	-7.4948	0.0168625	0.187166	-5.34285	0.00206401	0.0825739	-12.1104	0.019363	0.196846	-5.08013	0.00622904	0.128805	-7.76368	0.112257	0.370146	-2.70164	0.0319713	0.23588	-4.23945	6.57271	34.3891	4.65075	1
cg22883486	IL31RA	0.0271317	0.425858	0.708743	-1.41095	0.638061	0.818236	-1.22214	0.00748215	0.232753	-4.2964	0.191843	0.557131	-1.79491	0.0215732	0.310883	-3.21665	0.00244477	0.16778	-5.96018	0.15301	0.523138	-1.91154	0.376576	1.46839	1.46839	0.297555	0.63305	-1.57965	4.23443	12.0211	2.52347	1
cg16730716	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	6.34E-07	0.0225165	1.35379	1.35379	7.80E-08	0.138312	-7.23002	0.000230051	0.507604	-1.97004	0.000215411	1.98306	1.98306	1.89E-06	0.269665	-3.70831	0.0114152	1.42043	1.42043	1.26E-05	0.361121	-2.76915	7.85E-06	0.33768	-2.96139	0.373033	0.903597	-1.10669	82.3799	16.0321	0.172988	1
cg18350391	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.00013272	0.0579657	0.711624	-1.40524	0.577755	1.09337	1.09337	0.00927684	0.592132	-1.68881	0.00269879	1.93094	1.93094	0.00182586	0.495052	-2.01999	0.00804066	0.583344	-1.71425	5.83E-06	0.198369	-5.0411	0.0854181	1.35233	1.35233	0.872452	1.02583	1.02583	20.5221	8.18943	0.354715	1
cg08967456	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.00050882	0.526714	0.899645	-1.11155	0.0715704	0.717675	-1.39339	0.00023355	0.365574	-2.73543	0.247037	1.22087	1.22087	0.0124148	0.598663	-1.67039	1.56E-05	0.229541	-4.35651	0.381019	0.862304	-1.15968	0.0425281	0.680394	-1.46974	0.285423	0.832827	-1.20073	14.2214	6.12289	0.382704	1
cg01594685	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.0012862	0.00867997	0.325477	-3.07241	0.00475849	0.284262	-3.51788	0.00202839	0.232147	-4.30761	0.1873	0.625642	-1.59836	0.00904063	0.328414	-3.04494	0.078578	0.519131	-1.9263	5.02E-05	0.0779057	-12.836	0.0047455	0.284083	-3.52009	0.0143696	0.36326	-2.75285	10.9525	19.5327	1.58524	1
cg26724967	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.00421092	0.00257157	0.342288	-2.92151	0.220781	0.718806	-1.3912	0.00100568	0.285898	-3.49775	0.561064	0.860065	-1.1627	0.0117563	0.446124	-2.24153	0.0415847	0.547377	-1.82689	0.00106499	0.289182	-3.45803	0.0424422	0.54916	-1.82096	0.0073719	0.412438	-2.42461	7.73163	8.05557	0.926132	1
cg08659421	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.00687368	0.0157287	0.128165	-7.80246	0.014559	0.123844	-8.07467	0.0121982	0.114439	-8.7383	0.151032	0.343675	-2.90973	0.0233297	0.152409	-6.56131	0.0942289	0.278876	-3.58583	0.00035264	0.0186039	-53.7521	0.00752487	0.0918802	-10.8837	0.11291	0.301909	-3.31225	6.65276	50.7606	6.78222	1
cg00239353	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.0253681	0.717059	0.793086	-1.2609	0.359966	0.549076	-1.82124	0.0901181	0.304281	-3.28644	0.630756	0.734551	-1.36138	0.106314	0.325164	-3.07537	0.428725	0.597727	-1.67301	0.000370916	0.0265444	-37.6727	0.131099	0.35403	-2.82462	0.23915	0.456012	-2.19293	4.33512	27.8588	5.71227	1
cg23813257	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.0343927	0.0281621	0.414985	-2.40972	0.201003	0.632424	-1.58122	0.0367446	0.439008	-2.27786	0.274903	0.680169	-1.47022	0.0246685	0.403467	-2.47852	0.0757705	0.511418	-1.95535	0.00302362	0.251837	-3.97082	0.0337299	0.431142	-2.31942	0.0753131	0.510762	-1.95786	3.89168	7.09492	1.62053	1
cg08978665	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.00752439	?	?	?	0.0173901	0.248243	-4.02832	0.0149509	0.236997	-4.21946	0.013248	0.228315	-4.37991	0.000861032	0.0900454	-11.1055	0.596791	1.29288	1.29288	0.0616681	0.363247	-2.75295	0.0400411	0.319264	-3.13221	0.0215157	0.264865	-3.7755	6.60089	21.5119	3.25893	1
cg00471190	IL32;IL32;IL32;IL32;IL32;IL32;IL32;IL32	0.00790102	0.786725	0.947884	-1.05498	0.284126	0.802838	-1.24558	0.0047627	0.477271	-2.09525	0.648991	0.91353	-1.09465	0.00412022	0.467964	-2.13692	0.99717	1.0007	1.0007	0.000464696	0.337357	-2.96421	0.636614	0.910355	-1.09847	0.0546599	0.650388	-1.53754	6.36904	3.92895	0.54834	1
cg14334584	IL33	0.00942393	0.151622	1.48533	1.48533	0.0130365	0.452365	-2.2106	0.000398946	0.234305	-4.26795	0.943819	0.982013	-1.01832	0.0702512	0.593835	-1.68397	0.0405143	0.543759	-1.83905	0.609343	1.14194	1.14194	0.54475	0.853967	-1.17101	0.474068	0.82903	-1.20623	6.0236	6.32729	0.933704	1
cg18236721	IL33	0.0176558	0.00792486	0.499727	-2.00109	0.0034568	0.445402	-2.24516	0.282905	0.796678	-1.25521	0.499024	0.869526	-1.15005	0.134464	0.719803	-1.38927	0.103356	0.695634	-1.43754	0.0369194	1.63839	1.63839	0.640567	1.10054	1.10054	0.405728	1.18921	1.18921	4.90685	3.22534	0.584279	1
cg08281777	IL34	0.00365924	0.413462	0.79123	-1.26386	0.00136395	0.272066	-3.67558	0.000318679	0.195468	-5.11593	0.819888	1.06596	1.06596	0.009274	0.396658	-2.52106	0.694497	0.895336	-1.1169	0.00895375	0.394103	-2.53741	0.542148	1.18865	1.18865	0.793057	0.929008	-1.07642	8.06556	10.0205	1.10434	1
cg06563504	IL34	0.00786071	0.745526	0.931747	-1.07325	0.00598693	0.458466	-2.18119	0.454317	1.17993	1.17993	0.298985	0.791607	-1.26325	0.000194008	0.256276	-3.90205	0.0504114	0.616251	-1.62271	0.498552	0.861442	-1.16084	0.232054	0.761787	-1.3127	0.603019	0.892345	-1.12064	6.37929	4.76143	0.663456	1
cg00618711	IL34	0.0414277	0.74793	1.06171	1.06171	0.379786	0.845919	-1.18215	0.607739	0.908322	-1.10093	0.659537	1.08582	1.08582	0.0297216	0.621767	-1.60832	0.0314867	0.625938	-1.5976	0.0393411	0.642264	-1.55699	0.00930068	0.541826	-1.84561	0.159173	1.32239	1.32239	3.63576	1.98617	0.485588	1
cg08402568	IL34;IL34	0.0311985	0.16249	1.47594	1.47594	0.46558	1.21394	1.21394	0.154974	1.48789	1.48789	0.694582	1.10852	1.10852	0.568964	1.16217	1.16217	0.100654	1.59914	1.59914	0.00563391	2.58207	2.58207	0.00869049	0.417667	-2.39425	0.952569	0.984591	-1.01565	4.03024	4.35051	0.959525	1
cg17983064	IL3;IL3	0.000647853	0.102871	0.616301	-1.62258	0.000912274	0.260581	-3.83758	0.00456553	0.358996	-2.78555	0.00138762	0.284478	-3.51521	2.49E-05	0.103055	-9.70352	0.174067	0.675557	-1.48026	0.0165928	0.452213	-2.21135	0.129051	0.640891	-1.56033	0.00270055	0.324893	-3.07794	13.2959	15.4926	1.03575	1
cg26787239	IL4;IL4	0.00970662	0.0565921	0.615754	-1.62403	0.00972077	0.479564	-2.08523	0.00140311	0.353649	-2.82766	0.275204	0.774865	-1.29055	0.000842263	0.323622	-3.09002	0.128382	0.691229	-1.4467	0.702817	0.917477	-1.08995	0.174814	0.723058	-1.38301	0.29002	0.781342	-1.27985	5.96711	4.77105	0.710718	1
cg18145937	IL4;IL4	0.0368651	0.0318103	0.151677	-6.59295	0.0123985	0.0970051	-10.3087	0.345484	0.482754	-2.07145	0.179865	0.343821	-2.90849	0.0167781	0.112174	-8.91469	0.0532162	0.192773	-5.18745	0.00723818	0.0744721	-13.4278	0.0489476	0.185415	-5.39329	0.108738	0.269495	-3.71064	3.79491	33.7659	7.90905	1
cg23943829	IL4;IL4	0.0409992	0.872533	1.03795	1.03795	0.00128055	2.9717	2.9717	0.278272	1.29888	1.29888	0.453563	1.19374	1.19374	0.726233	0.921699	-1.08495	0.630327	1.11905	1.11905	0.0128792	2.04678	2.04678	0.317523	1.27081	1.27081	0.50093	1.17169	1.17169	3.64976	3.10984	0.757392	1
cg10805880	IL4I1;IL4I1	5.63E-05	0.0034808	0.489764	-2.0418	0.609255	1.09725	1.09725	0.00151581	0.439392	-2.27587	8.17E-05	0.27847	-3.59106	8.18E-05	0.278506	-3.59059	0.0151741	0.584505	-1.71085	2.49E-06	0.128356	-7.79083	0.0592597	0.68156	-1.46722	0.00263295	0.472624	-2.11585	25.7935	13.2397	0.456262	1
cg03166835	IL4I1;IL4I1	0.00182381	0.102651	0.584113	-1.712	0.012029	2.56767	2.56767	0.45133	0.793702	-1.25992	0.0844573	1.77644	1.77644	0.00198258	0.268391	-3.7259	0.139337	0.619412	-1.61443	0.00346728	0.30282	-3.30229	0.195751	1.50972	1.50972	0.00199063	3.72257	3.72257	9.90396	14.2182	1.27609	1
cg24160312	IL4I1;IL4I1	0.00246651	0.125652	0.548078	-1.82456	0.0573246	0.458332	-2.18182	0.00125131	0.18084	-5.52974	0.00129641	0.182621	-5.47583	0.000190963	0.102195	-9.78518	0.389574	0.726212	-1.37701	0.384778	0.723738	-1.38172	0.0242657	0.377406	-2.64967	0.011493	0.317535	-3.14926	9.06796	18.9074	1.8534	1
cg03608628	IL4I1;IL4I1	0.00385253	0.985218	1.00573	1.00573	0.000377812	5.77487	5.77487	0.257048	1.44066	1.44066	0.209451	0.664779	-1.50426	0.0497401	0.501147	-1.99542	0.498041	1.23654	1.23654	0.108206	0.582222	-1.71756	0.00436455	3.23912	3.23912	0.0357072	2.12638	2.12638	7.94182	11.9826	1.34116	1
cg06388099	IL4I1;IL4I1	0.0207134	0.0232954	0.308735	-3.23902	0.597303	0.793658	-1.25999	0.40482	0.691093	-1.44698	0.0163306	0.280077	-3.57044	0.0184483	0.289645	-3.4525	0.0624502	0.402935	-2.48179	0.00119067	0.127506	-7.84275	0.175913	0.5359	-1.86602	0.0886606	0.443029	-2.25719	4.64877	13.8349	2.64537	1
cg23074703	IL4I1;IL4I1	0.0450123	0.0067196	2.11654	2.11654	0.0558145	1.58757	1.58757	0.449131	1.17884	1.17884	0.0057967	2.16186	2.16186	0.10132	1.46624	1.46624	0.0692268	1.54284	1.54284	0.132214	1.41421	1.41421	0.645889	1.10373	1.10373	0.955518	0.988172	-1.01197	3.52517	2.54052	0.640604	1
cg09767736	IL4I1;IL4I1;IL4I1	0.0418897	0.0317233	0.371953	-2.68851	0.35853	1.44895	1.44895	0.0617868	0.437696	-2.28469	0.0394139	0.392226	-2.54955	0.112197	0.506969	-1.97251	0.174861	0.567348	-1.76259	0.003956	0.218199	-4.58297	0.34326	0.681478	-1.4674	0.105111	0.498801	-2.00481	3.62085	8.84702	2.17187	1
cg05903710	IL4R	0.00329796	0.0136248	0.283787	-3.52378	0.000440855	0.101207	-9.8807	0.00573951	0.224386	-4.45661	0.430411	0.717372	-1.39398	0.034546	0.361584	-2.76561	0.0262031	0.336725	-2.96979	0.00388316	0.200902	-4.97754	0.00100279	0.133227	-7.50598	0.151682	0.530506	-1.88499	8.32033	22.4454	2.39791	1
cg08932316	IL4R;IL4R	0.000137609	0.882682	0.979803	-1.02061	0.0870031	0.770174	-1.29841	0.214536	0.834813	-1.19787	0.307053	1.15732	1.15732	0.121289	0.792853	-1.26127	0.0507149	1.36017	1.36017	0.947146	1.0092	1.0092	3.26E-06	0.21856	-4.5754	0.000195236	0.420723	-2.37686	20.3234	6.14526	0.268777	1
cg08317580	IL4R;IL4R	0.00154671	0.158407	1.36363	1.36363	0.0167963	0.548678	-1.82256	0.0182847	0.5548	-1.80245	0.35971	1.21374	1.21374	0.873975	1.03319	1.03319	0.198601	1.3224	1.3224	6.45E-05	0.220856	-4.52784	0.018258	0.554694	-1.8028	0.0244296	0.576053	-1.73595	10.3874	6.96095	0.595673	1
cg09791102	IL4R;IL4R	0.00256812	0.351273	1.39194	1.39194	0.0650551	0.489641	-2.04231	0.00603611	0.290407	-3.44344	0.0237662	0.394445	-2.53521	0.0122858	0.341298	-2.92999	0.110137	0.548678	-1.82256	8.54E-05	0.0877765	-11.3926	0.181742	0.613454	-1.63011	0.0116409	0.33722	-2.96543	8.96082	16.8644	1.6729	1
cg01706029	IL4R;IL4R	0.00883149	0.248434	0.885346	-1.1295	0.761988	1.03113	1.03113	0.620942	1.0516	1.0516	0.205375	1.14437	1.14437	0.55442	1.06221	1.06221	0.0181771	0.748665	-1.33571	0.0161659	0.743052	-1.3458	0.000832458	1.66152	1.66152	0.378602	1.09546	1.09546	6.14912	0.992154	0.143421	1
cg25954194	IL5	0.00542949	0.149395	1.47633	1.47633	0.370911	0.793317	-1.26053	0.0327745	0.532912	-1.87648	0.702201	1.10165	1.10165	0.000263138	0.220655	-4.53197	0.0318965	0.530643	-1.88451	0.278585	1.32831	1.32831	0.908452	0.971428	-1.02941	0.0136118	0.463373	-2.15809	7.15584	7.19708	0.894012	1
cg23208285	IL5	0.00669126	0.562917	1.20216	1.20216	0.0447327	0.484158	-2.06544	0.0959333	0.562363	-1.77821	0.432399	0.777075	-1.28688	0.186548	0.643528	-1.55393	0.0103697	0.361928	-2.76298	0.000131972	0.123964	-8.06686	0.288951	0.707145	-1.41414	0.159154	0.622711	-1.60588	6.70867	10.529	1.39507	1
cg15619794	IL5	0.0135177	0.962649	0.991336	-1.00874	0.618163	1.09787	1.09787	0.00785449	0.530571	-1.88476	0.302864	1.21934	1.21934	0.00331514	0.475621	-2.10251	0.599457	0.906224	-1.10348	0.01261	1.77949	1.77949	0.0988859	0.714474	-1.39963	0.932147	1.01595	1.01595	5.36121	2.93158	0.486056	1
cg26081812	IL5	0.0474467	0.65209	0.814769	-1.22734	0.426303	0.693056	-1.44288	0.246018	0.578333	-1.72911	0.812036	1.11352	1.11352	0.00445962	0.180505	-5.54	0.517345	0.74358	-1.34485	0.00367932	0.169964	-5.88361	0.7596	0.870634	-1.14859	0.176644	0.522938	-1.91227	3.45607	11.151	2.86799	1
cg16184131	IL5;IL5	0.0366047	0.0401411	0.258024	-3.87561	0.0644247	0.305193	-3.27661	0.0370655	0.250822	-3.9869	0.0810077	0.33115	-3.01978	0.00909666	0.150585	-6.64075	0.108326	0.367621	-2.72019	0.0103132	0.157817	-6.33644	0.0289199	0.22961	-4.35521	0.0517712	0.282397	-3.54111	3.80472	19.6641	4.59408	1
cg23828301	IL5RA;IL5RA	0.0199962	0.741275	1.08476	1.08476	0.216454	0.726599	-1.37628	0.00615394	0.415789	-2.40507	0.69361	1.10211	1.10211	0.0112018	0.458205	-2.18243	0.0772212	0.617292	-1.61998	0.156021	1.4516	1.4516	0.380685	0.801877	-1.24707	0.00691215	0.423818	-2.35951	4.70487	4.49295	0.848852	1
cg25791578	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.000137625	0.0168752	0.466837	-2.14207	0.751006	0.920176	-1.08675	0.00217641	0.32503	-3.07664	0.00166738	0.308788	-3.23846	0.000312578	0.21709	-4.60639	0.657681	0.889995	-1.1236	7.70E-06	0.076842	-13.0137	0.000197331	0.194979	-5.12875	0.00119794	0.289271	-3.45696	20.3227	21.9801	0.96138	1
cg01310029	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.000452751	0.178211	0.783521	-1.27629	0.00224476	0.482109	-2.07422	6.35E-05	0.285094	-3.50762	0.0426014	0.671578	-1.48903	0.00016731	0.335245	-2.9829	0.271741	0.82274	-1.21545	0.000575127	0.403017	-2.48129	0.00173796	0.466911	-2.14174	0.00315612	0.502596	-1.98967	14.689	6.76608	0.409443	1
cg19376823	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.00311102	0.189162	1.46765	1.46765	0.00362535	0.337633	-2.9618	0.0297059	0.493714	-2.02546	0.00127585	0.273652	-3.65428	0.000541469	0.226847	-4.40826	0.0410189	0.521848	-1.91627	0.287713	0.737526	-1.35588	0.0225185	0.470629	-2.12481	0.0223171	0.469896	-2.12813	8.46622	10.2006	1.07098	1
cg10159529	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.0198905	0.0978021	0.641078	-1.55987	0.138057	0.676462	-1.47828	0.0152008	0.481978	-2.07478	0.798192	0.93921	-1.06473	0.000586348	0.272396	-3.67112	0.138584	0.676868	-1.47739	0.513919	0.850415	-1.1759	0.568678	0.868475	-1.15144	0.0345872	0.547084	-1.82787	4.71334	4.47267	0.843501	1
cg08119928	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.023995	0.368106	0.77814	-1.28512	0.286209	1.35057	1.35057	0.0517183	0.548386	-1.82353	0.414404	0.797411	-1.25406	0.179226	0.678997	-1.47276	0.402812	1.26152	1.26152	0.485202	1.21221	1.21221	0.198977	0.691918	-1.44526	0.000815529	0.254263	-3.93294	4.41972	5.15378	1.03652	1
cg08404225	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.00143002	0.00934811	0.316659	-3.15798	0.146744	0.580809	-1.72174	0.00686631	0.294889	-3.39111	0.064547	0.484635	-2.06341	0.000420272	0.142233	-7.03074	0.0382055	0.432566	-2.31178	0.000102722	0.090876	-11.004	0.00253758	0.231878	-4.31261	0.0450841	0.448369	-2.2303	10.6246	20.4788	1.71332	1
cg23032421	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.00631961	0.0367551	0.446629	-2.239	0.00157064	0.221199	-4.52082	0.0588022	0.49211	-2.03207	0.22917	0.657563	-1.52077	0.00651004	0.308901	-3.23728	0.051103	0.478063	-2.09178	0.000551902	0.168374	-5.93917	0.0219118	0.401118	-2.49303	0.28244	0.690007	-1.44926	6.8287	11.9361	1.55371	1
cg10140158	IL6	7.70E-06	0.216572	0.78633	-1.27173	0.000583528	0.374218	-2.67224	0.0118137	0.559236	-1.78815	0.000162712	0.304372	-3.28545	4.49E-07	0.0717336	-13.9405	0.22594	1.26499	1.26499	3.95E-06	0.137563	-7.26941	0.300638	0.820144	-1.2193	4.42E-05	0.239046	-4.1833	43.4131	23.4978	0.48112	1
cg05472934	IL6	1.72E-05	0.000121738	0.147957	-6.75872	0.000205591	0.170156	-5.87695	1.55E-05	0.0784367	-12.7491	7.75E-05	0.130339	-7.67228	5.47E-05	0.117651	-8.49974	0.000198064	0.168514	-5.93422	8.24E-05	0.132615	-7.5406	9.15E-06	0.0650538	-15.3719	2.25E-05	0.0889229	-11.2457	35.2495	45.2801	1.14183	1
cg17067544	IL6	0.000345541	0.0909049	0.480123	-2.0828	0.00524169	0.234395	-4.26631	0.000510005	0.117834	-8.48653	0.661445	0.840629	-1.18958	4.75E-05	0.04884	-20.475	0.0027757	0.196872	-5.07944	0.000146595	0.0762672	-13.1118	0.0416857	0.396521	-2.52193	0.000676613	0.129098	-7.74603	15.8249	38.8997	2.18501	1
cg01770232	IL6	0.00425287	0.00464025	0.304164	-3.2877	0.00484912	3.2565	3.2565	0.395891	1.31626	1.31626	0.503575	1.23929	1.23929	0.00208715	0.254391	-3.93096	0.300881	0.712624	-1.40326	0.914983	0.966812	-1.03433	0.131173	1.67381	1.67381	0.0180432	0.403373	-2.47909	7.70849	12.1954	1.40629	1
cg26061582	IL6	0.00440429	0.0533877	0.316692	-3.15765	0.000423057	18.6613	18.6613	0.542106	1.38177	1.38177	0.330051	1.69329	1.69329	0.00563436	0.148989	-6.71193	0.251389	0.533702	-1.8737	0.94968	1.03362	1.03362	0.192079	2.06172	2.06172	0.0700781	0.346049	-2.88976	7.62728	33.1676	3.86538	1
cg07998387	IL6	0.00513014	0.00213644	0.219507	-4.55567	0.910213	0.961124	-1.04045	0.0127833	0.337184	-2.96574	0.312667	0.692749	-1.44352	0.002081	0.218031	-4.5865	0.20458	0.624668	-1.60085	0.0233303	0.385718	-2.59257	0.0021829	0.220719	-4.53064	0.00423373	0.260326	-3.84133	7.28121	14.2473	1.73931	1
cg05265849	IL6	0.0215209	0.00901432	0.169227	-5.90923	0.110759	0.394637	-2.53397	0.0590542	0.319624	-3.12867	0.0122565	0.188351	-5.30923	0.0138812	0.196605	-5.08635	0.12755	0.414099	-2.41488	0.0156441	0.204823	-4.88227	0.036218	0.271682	-3.68077	0.00852403	0.165927	-6.02675	4.58843	20.8058	4.03059	1
cg13104385	IL6	0.0393795	0.00595475	0.126808	-7.88595	0.27624	0.521842	-1.91629	0.020847	0.202478	-4.9388	0.144619	0.406645	-2.45915	0.0750124	0.320265	-3.12242	0.0971104	0.351467	-2.84522	0.0183434	0.193284	-5.17373	0.308436	0.54587	-1.83194	0.0147341	0.178397	-5.60548	3.70439	19.3479	4.64264	1
cg00087425	IL6;IL6	0.00349327	0.00736864	0.153739	-6.50453	0.0126136	0.186057	-5.37469	0.0174097	0.208072	-4.80603	0.0208259	0.221273	-4.5193	0.00708123	0.151546	-6.59865	0.0339521	0.261234	-3.82799	0.00245347	0.101794	-9.82376	0.000531293	0.0536722	-18.6316	0.00372467	0.119515	-8.36717	8.17852	38.0824	4.13902	1
cg21262032	IL6R;IL6R	0.00825874	0.0680323	0.776276	-1.2882	0.911087	0.986253	-1.01394	0.00346451	0.611544	-1.6352	0.013596	0.684988	-1.45988	0.00879839	0.661394	-1.51196	0.709461	0.954681	-1.04747	0.0153247	1.44607	1.44607	0.0749675	0.782121	-1.27857	0.0371659	0.740964	-1.34959	6.28085	1.52755	0.216184	1
cg04715245	IL6R;IL6R	0.0103391	0.0109959	0.407166	-2.456	0.454412	0.806854	-1.23938	0.0944738	0.595885	-1.67818	0.243914	0.709376	-1.40969	0.00481362	0.348712	-2.8677	0.0383324	0.50866	-1.96595	0.00436663	0.342199	-2.92228	0.00222174	0.299092	-3.34345	0.0154168	0.432904	-2.30998	5.84784	7.3466	1.11671	1
cg23026211	IL6R;IL6R	0.0214329	0.474664	0.906341	-1.10334	0.0542116	1.34383	1.34383	0.486993	1.10024	1.10024	0.0351011	0.71745	-1.39382	0.380907	0.885533	-1.12926	0.0201668	0.684535	-1.46085	0.0633568	0.753958	-1.32633	0.0114055	1.53467	1.53467	0.350434	0.878097	-1.13883	4.59487	1.33141	0.257564	1
cg13648373	IL6ST;IL6ST	7.05E-05	0.153696	0.616193	-1.62287	0.244459	1.47107	1.47107	0.246806	1.468	1.468	0.141417	0.605747	-1.65086	0.00764995	0.337284	-2.96486	7.16E-07	0.0142124	-70.361	0.480942	1.25496	1.25496	0.574899	1.19678	1.19678	0.308755	0.716099	-1.39646	24.301	38.6755	1.41468	1
cg20703731	IL6ST;IL6ST	0.00639005	0.214092	1.22594	1.22594	0.046931	1.42502	1.42502	0.00339289	1.85946	1.85946	0.632767	1.07785	1.07785	0.197887	1.23607	1.23607	0.449282	1.12758	1.12758	0.000957957	2.15147	2.15147	0.0103349	0.604647	-1.65386	0.493725	1.11431	1.11431	6.80528	2.61384	0.341414	1
cg13576061	IL6ST;IL6ST	0.0100101	0.548652	1.09576	1.09576	0.372505	0.87113	-1.14793	0.640199	1.07351	1.07351	0.217993	0.822612	-1.21564	0.103353	0.764562	-1.30794	0.646031	0.932687	-1.07217	0.00538355	1.73701	1.73701	0.000991225	2.09035	2.09035	0.0744298	1.34919	1.34919	5.90871	2.12492	0.319667	1
cg13999099	IL6ST;IL6ST	0.0123694	0.789529	0.963173	-1.03824	0.00531091	1.67403	1.67403	0.129457	1.25831	1.25831	0.911455	1.01572	1.01572	0.300075	0.860176	-1.16255	0.914067	0.984974	-1.01525	0.00227444	0.549529	-1.81974	0.0385183	0.714473	-1.39963	0.388186	1.13207	1.13207	5.51886	1.71945	0.276941	1
cg09043153	IL6ST;IL6ST	0.0191084	0.0529913	0.764196	-1.30857	0.285392	1.14534	1.14534	0.0351046	1.35016	1.35016	0.00571933	0.642029	-1.55756	0.0443012	0.753872	-1.32649	0.466519	0.913364	-1.09485	0.0136877	0.688752	-1.4519	0.388685	0.89759	-1.11409	0.332497	0.884914	-1.13005	4.77786	1.13179	0.210562	1
cg10850054	IL6ST;IL6ST	0.0196836	0.00268109	0.335583	-2.97989	0.239659	1.38258	1.38258	0.11371	1.5727	1.5727	0.00882991	0.415984	-2.40394	0.359263	1.28147	1.28147	0.448722	1.22522	1.22522	0.182365	0.689106	-1.45116	0.537161	0.848398	-1.17869	0.273624	0.741011	-1.34951	4.7301	5.18577	0.97452	1
cg11163388	IL6ST;IL6ST;IL6ST;IL6ST	0.00494023	?	?	?	0.0120836	0.476153	-2.10017	0.766998	0.931966	-1.073	0.00211375	0.358859	-2.78661	0.00455024	0.408142	-2.45013	0.0964052	0.648654	-1.54165	0.424651	1.21329	1.21329	0.00146692	0.336541	-2.97141	0.917374	1.02491	1.02491	7.52363	5.9556	0.791586	1
cg15817287	IL7	0.000278235	0.0434311	0.674084	-1.4835	0.00570257	0.5403	-1.85082	0.000876076	0.428536	-2.33353	1.20E-05	0.207682	-4.81506	0.000480414	0.394458	-2.53512	0.476223	0.884252	-1.1309	0.00236203	0.486644	-2.05489	0.345422	1.17941	1.17941	0.0214797	0.625575	-1.59853	16.7924	7.66947	0.405974	1
cg20573931	IL7	0.000736441	0.986422	1.00482	1.00482	0.000212254	0.173847	-5.75217	0.0190376	0.448274	-2.23078	0.0471333	0.526171	-1.90052	0.000141031	0.156172	-6.4032	0.00714383	0.374574	-2.6697	0.0146507	2.33843	2.33843	0.366393	0.769281	-1.29992	0.0189743	0.448007	-2.23211	12.8271	16.2314	1.1248	1
cg23512958	IL7	0.00691556	?	?	?	0.0401262	0.375176	-2.66542	0.944125	0.974113	-1.02658	0.0561919	0.414347	-2.41343	0.00069083	0.0707053	-14.1432	?	?	?	?	?	?	?	?	?	0.0310702	0.347091	-2.88109	12.9439	14.6327	1.13048	1
cg15966610	IL7	0.00923992	0.0014276	0.174933	-5.71648	0.299874	1.50082	1.50082	0.211264	0.607912	-1.64498	0.106027	0.513172	-1.94866	0.0830343	0.484187	-2.06532	0.197608	0.597697	-1.67309	0.0013325	0.171515	-5.83038	0.266696	1.54856	1.54856	0.118666	0.527231	-1.8967	6.06151	13.7105	2.01057	1
cg25062539	IL7	0.0166516	0.00609927	0.249804	-4.00313	0.349221	1.45264	1.45264	0.0203616	0.338456	-2.95459	0.109456	0.508548	-1.96638	0.0276346	0.364583	-2.74286	0.192611	0.586077	-1.70626	0.00382465	0.220723	-4.53057	0.403051	1.39314	1.39314	0.120274	0.520495	-1.92125	5.00398	11.8979	2.11351	1
cg22297710	IL7	0.0460589	0.0077801	0.335115	-2.98405	0.0100841	0.353914	-2.82555	0.0281457	0.436286	-2.29207	0.17272	0.628605	-1.59082	0.167882	0.624864	-1.60035	0.468738	1.26597	1.26597	0.0941496	0.555009	-1.80177	0.161852	0.620095	-1.61266	0.276063	0.695948	-1.43689	3.49491	5.66538	1.44092	1
cg11154747	IL7;IL7	0.00752428	0.917704	1.01443	1.01443	0.979414	1.00358	1.00358	0.754396	1.04445	1.04445	0.0486129	1.36639	1.36639	0.0326469	1.41408	1.41408	0.150867	0.807869	-1.23783	0.00043499	0.462671	-2.16137	0.240244	1.18579	1.18579	0.0971722	0.77702	-1.28697	6.46745	1.96733	0.27039	1
cg23538854	IL7;IL7	0.0340911	0.346278	0.88411	-1.13108	0.204712	1.18525	1.18525	0.922501	0.987719	-1.01243	0.0459939	1.337	1.337	0.0691809	0.772435	-1.29461	0.793393	1.0339	1.0339	0.00555923	0.629655	-1.58817	0.04522	0.746943	-1.33879	0.648228	1.06007	1.06007	3.90407	0.997215	0.227049	1
cg04312209	IL7R	0.015328	0.00904074	0.155171	-6.4445	0.0982287	0.361182	-2.76869	0.0181804	0.199831	-5.00424	0.188572	0.457383	-2.18635	0.00748825	0.144697	-6.91098	0.0201624	0.207317	-4.82353	0.00212737	0.0885519	-11.2928	0.123794	0.392211	-2.54965	0.0430127	0.270493	-3.69695	5.14374	25.686	4.4388	1
cg04392234	IL8	0.000284557	0.016033	0.411816	-2.42827	0.0111426	0.383806	-2.60549	0.0037248	0.30754	-3.25161	0.674385	0.880576	-1.13562	4.61E-05	0.0986166	-10.1403	0.0154265	0.408777	-2.44632	1.50E-05	0.0670226	-14.9203	0.0392812	0.487824	-2.04992	0.0294229	0.462099	-2.16404	16.6897	23.9443	1.27527	1
cg19491221	IL8RBP	0.00117607	0.997251	0.999697	-1.0003	0.109138	0.857456	-1.16624	0.000201065	0.577415	-1.73186	0.453618	0.935009	-1.06951	0.0672478	0.834828	-1.19785	0.389321	1.08075	1.08075	0.000249234	1.70254	1.70254	0.137323	0.868603	-1.15127	0.629496	1.04372	1.04372	11.2362	1.37892	0.109086	1
cg19031085	IL9	0.0012788	0.0268147	0.558028	-1.79202	0.268729	0.774	-1.29199	0.000217995	0.253804	-3.94004	0.851112	1.04268	1.04268	7.42E-05	0.201669	-4.95862	0.222289	0.751821	-1.3301	0.31367	0.793143	-1.26081	0.0063606	0.453894	-2.20316	0.0524876	0.612399	-1.63292	10.9706	8.59389	0.696319	1
cg12575771	IL9	0.00236905	0.162453	0.607542	-1.64598	0.156378	0.602514	-1.65971	0.002654	0.249273	-4.01166	0.0626388	0.496546	-2.01391	0.000114261	0.104088	-9.60725	0.0057644	0.298501	-3.35008	0.00339008	0.264165	-3.78552	0.137826	0.586272	-1.70569	0.00721045	0.313862	-3.18612	9.17601	16.2276	1.57199	1
cg25317724	IL9	0.0123295	0.15245	0.611859	-1.63436	0.0581142	0.503372	-1.9866	0.0144932	0.380812	-2.62597	0.569719	0.83182	-1.20218	0.000342463	0.157555	-6.34701	0.125914	0.588157	-1.70023	0.439005	0.776482	-1.28786	0.945123	0.978178	-1.02231	0.0208383	0.410049	-2.43873	5.52467	8.98851	1.4462	1
cg13842648	IL9	0.0144876	0.1394	0.37727	-2.65062	0.95393	1.03604	1.03604	0.00978705	0.135111	-7.40131	0.111113	0.345187	-2.89698	0.00218517	0.0718089	-13.9259	0.0327719	0.216394	-4.6212	0.00299821	0.0825397	-12.1154	0.501651	0.658417	-1.5188	0.0555754	0.264612	-3.77911	5.2405	31.1711	5.28722	1
cg15966954	IL9	0.015497	0.0343743	0.285985	-3.49668	0.120177	0.42525	-2.35156	0.0265366	0.263483	-3.79531	0.21949	0.519466	-1.92506	0.000976995	0.0831037	-12.0332	0.0106487	0.19616	-5.09787	0.0179459	0.232516	-4.30078	0.542232	0.731309	-1.36741	0.044213	0.309611	-3.22986	5.12508	20.8838	3.62207	1
cg24585690	IL9;IL9	0.00058636	0.262795	0.673008	-1.48587	0.378888	0.736238	-1.35826	0.000315528	0.138103	-7.24098	0.342976	1.39287	1.39287	2.22E-05	0.0557529	-17.9363	0.127246	0.571556	-1.74961	0.00285313	0.248439	-4.02514	0.226805	0.650244	-1.53788	0.0132411	0.352973	-2.83307	13.6713	24.9096	1.61959	1
cg25198120	ILDR1	8.58E-06	0.588523	1.11397	1.11397	1.70E-05	0.174815	-5.72033	0.000238965	0.300597	-3.32672	0.0551053	1.53685	1.53685	3.44E-05	0.205183	-4.8737	0.397511	1.18672	1.18672	4.22E-07	0.0584583	-17.1062	0.0271168	0.596346	-1.67688	0.016826	0.561912	-1.77964	42.2111	26.1055	0.549734	1
cg05891759	ILDR1	0.00017448	0.392392	0.901266	-1.10955	0.202382	1.17314	1.17314	4.82E-06	0.289415	-3.45525	0.0158875	0.704401	-1.41965	6.80E-05	0.421155	-2.37443	0.0786014	0.793129	-1.26083	0.0925199	0.802805	-1.24563	0.129644	0.823452	-1.2144	0.0724475	0.788353	-1.26847	19.0629	4.24967	0.198159	1
cg00694560	ILDR1	0.00122036	0.0256452	0.475026	-2.10515	0.00559873	0.360059	-2.77732	0.00236238	0.303943	-3.29009	0.197983	0.682448	-1.46531	9.72E-05	0.142902	-6.99779	0.0234902	0.467734	-2.13797	0.00452323	0.345639	-2.89319	0.0148889	0.431279	-2.31869	0.000542469	0.220936	-4.5262	11.1182	13.8848	1.11007	1
cg23727520	ILDR1	0.00242298	0.000163323	8.18655	8.18655	0.0843389	1.86686	1.86686	0.971337	1.01182	1.01182	0.928689	1.0297	1.0297	0.957568	1.01755	1.01755	0.420945	0.7643	-1.30839	0.0135179	0.368096	-2.71668	0.00258828	3.91591	3.91591	0.106229	1.78026	1.78026	9.11554	15.4311	1.50475	1
cg11130432	ILDR1	0.00272558	0.801869	1.06594	1.06594	0.00991609	0.437211	-2.28723	0.0183185	0.483312	-2.06906	0.0010546	0.292165	-3.42273	0.00126533	0.302751	-3.30304	0.0665229	0.592999	-1.68634	0.00105048	0.291939	-3.42537	0.364153	1.26723	1.26723	0.0531806	0.572406	-1.74701	8.80483	8.99434	0.90802	1
cg11854227	ILDR1	0.00924427	0.238878	0.729432	-1.37093	0.302366	0.760888	-1.31425	0.00731509	0.412922	-2.42176	0.0805069	0.609075	-1.64183	0.000491694	0.247557	-4.03948	0.224317	0.721461	-1.38608	0.100478	0.631152	-1.5844	0.0842399	1.62996	1.62996	0.0621856	0.584501	-1.71086	6.0606	6.27907	0.920931	1
cg05657709	ILDR1	0.0153736	?	?	?	0.872731	0.945982	-1.0571	0.227931	0.645074	-1.55021	0.0644653	0.486989	-2.05343	0.000825045	0.174654	-5.72559	0.0541043	0.468959	-2.13238	0.95153	1.02128	1.02128	0.121721	1.78803	1.78803	0.0935296	0.527863	-1.89443	5.23589	8.84441	1.68919	1
cg01598733	ILDR1	0.0204137	0.0907787	0.778809	-1.28401	0.0595044	1.33025	1.33025	0.12829	0.802059	-1.24679	0.525832	1.09007	1.09007	0.195417	0.832168	-1.20168	0.255882	0.852885	-1.17249	0.00225506	1.77453	1.77453	0.757217	1.04248	1.04248	0.122848	0.799081	-1.25144	4.67192	1.33194	0.253418	1
cg03400335	ILDR1	0.0250084	0.0779951	1.50869	1.50869	0.80769	0.95008	-1.05254	0.476692	1.1641	1.1641	0.628243	0.902614	-1.10789	0.0658033	1.54265	1.54265	0.169285	0.735285	-1.36002	0.00329577	2.31801	2.31801	0.009875	1.98309	1.98309	0.126116	1.41556	1.41556	4.35672	3.04271	0.620796	1
cg01691989	ILDR1	0.0277352	0.397522	0.806068	-1.24059	0.420878	0.814944	-1.22708	0.000695907	0.275955	-3.62377	0.577675	1.15024	1.15024	0.209548	1.38975	1.38975	0.766845	0.928675	-1.0768	0.185501	1.41821	1.41821	0.682022	0.902563	-1.10796	0.605851	1.1383	1.1383	4.20181	4.12134	0.871865	1
cg08797518	ILDR1	0.0408801	0.0266424	0.194897	-5.13091	0.307978	0.518467	-1.92876	0.113219	0.341979	-2.92416	0.0134911	0.149017	-6.71065	0.0260081	0.193075	-5.17935	0.028019	0.19876	-5.0312	0.00836313	0.122765	-8.14564	0.159248	0.392027	-2.55084	0.106069	0.333285	-3.00044	3.65369	22.4229	5.45515	1
cg12664056	ILDR2	0.00142022	0.535587	1.18851	1.18851	0.000697266	4.15275	4.15275	0.000690351	4.16195	4.16195	0.100877	1.63989	1.63989	0.0345864	0.507472	-1.97055	0.00423205	2.86934	2.86934	0.15692	0.659185	-1.51702	0.00386993	2.91873	2.91873	0.0445587	1.88695	1.88695	10.6456	12.7765	1.06681	1
cg00998438	ILDR2	0.00271065	?	?	?	0.0187656	2.34298	2.34298	0.423783	1.26825	1.26825	0.805952	0.931103	-1.07399	0.0284392	2.15948	2.15948	?	?	?	0.000131006	8.28214	8.28214	0.00527274	3.05167	3.05167	0.409128	1.27842	1.27842	10.8954	11.0461	1.01383	1
cg26875805	ILDR2	0.00501603	0.0451425	2.47605	2.47605	0.0134735	3.34227	3.34227	0.367116	1.44117	1.44117	0.437238	1.36697	1.36697	0.0162998	3.18541	3.18541	0.00682196	3.98475	3.98475	0.000286023	10.3431	10.3431	0.00332014	4.84121	4.84121	0.201433	1.70258	1.70258	7.33143	18.0667	2.19047	1
cg21609640	ILDR2	0.00585848	0.0674851	2.09793	2.09793	0.0663024	2.10631	2.10631	0.29362	1.48291	1.48291	0.406464	1.35954	1.35954	0.0289847	2.5372	2.5372	0.0279108	2.55895	2.55895	0.000168636	10.1262	10.1262	0.00376173	4.11433	4.11433	0.0763088	2.04058	2.04058	6.99044	14.4824	1.84155	1
cg11503720	ILDR2	0.00781413	0.0353077	2.20826	2.20826	0.0732641	0.524378	-1.90702	0.311976	0.713168	-1.40219	0.0211001	2.45068	2.45068	0.00725553	3.06302	3.06302	0.0201603	2.47357	2.47357	0.00839968	0.336876	-2.96845	0.823692	0.930422	-1.07478	0.74273	1.11232	1.11232	6.39121	10.5725	1.47042	1
cg22603542	ILDR2	0.0105034	0.0147585	0.790644	-1.26479	0.0842071	0.861087	-1.16132	0.529298	1.05116	1.05116	0.00321415	0.72993	-1.36999	0.049064	0.838706	-1.19231	0.0598786	1.18082	1.18082	0.297572	1.08822	1.08822	0.0480169	0.837827	-1.19356	0.020895	0.804435	-1.24311	5.81833	0.564767	0.0862817	1
cg13081288	ILDR2	0.0113804	0.0436697	0.495205	-2.01937	0.00125301	0.239793	-4.17026	0.166668	0.639644	-1.56337	0.370817	0.756931	-1.32113	0.00282432	0.287549	-3.47767	0.0206577	0.429752	-2.32692	0.0191679	0.423635	-2.36052	0.0226876	0.437514	-2.28564	0.609892	0.85561	-1.16876	5.66998	8.24657	1.29282	1
cg00955307	ILDR2	0.0207783	0.162313	1.5546	1.5546	0.00321159	3.2852	3.2852	0.66879	1.13573	1.13573	0.316982	1.3579	1.3579	0.0316511	2.10664	2.10664	0.0171103	2.36204	2.36204	0.00308798	3.31225	3.31225	0.0495664	1.93986	1.93986	0.228044	1.45382	1.45382	4.64382	6.43298	1.23136	1
cg25147376	ILDR2	0.0396582	0.145715	1.9288	1.9288	0.531015	1.30587	1.30587	0.827759	0.912436	-1.09597	0.77947	1.1253	1.1253	0.0500268	2.55949	2.55949	0.0290694	2.95011	2.95011	0.00204649	6.21821	6.21821	0.0367208	2.77484	2.77484	0.524637	1.31146	1.31146	3.69479	10.3493	2.48982	1
cg18227129	ILF2	0.000201306	0.0415402	0.727268	-1.37501	0.000148571	2.41926	2.41926	0.0188486	1.47034	1.47034	0.190043	0.828557	-1.20692	0.000574407	0.485671	-2.05901	0.000136054	0.408707	-2.44674	0.00698109	0.623237	-1.60453	0.416045	1.11923	1.11923	0.510611	1.09464	1.09464	18.3388	5.33308	0.258497	1
cg09929564	ILF2	0.000266076	0.236359	0.853492	-1.17166	?	?	?	6.70E-06	0.278838	-3.58631	0.309848	1.14359	1.14359	0.0157282	1.45924	1.45924	0.823963	0.971955	-1.02885	0.0130329	0.674828	-1.48186	0.322724	1.1393	1.1393	0.522694	1.08623	1.08623	17.4218	3.99815	0.229491	1
cg16101101	ILF2	0.0177211	0.00492788	0.431945	-2.31511	0.0249449	1.82465	1.82465	0.0112253	2.0463	2.0463	0.277317	0.775191	-1.29001	0.898414	0.971623	-1.02921	0.209743	1.34708	1.34708	0.117037	0.681302	-1.46778	0.679124	0.910508	-1.09829	0.755135	0.931916	-1.07306	4.90078	3.94285	0.715143	1
cg23654844	ILF2	0.0253513	?	?	?	0.751739	0.873617	-1.14467	0.114968	0.471598	-2.12045	0.515802	0.754582	-1.32524	0.00111045	0.0923206	-10.8318	0.0623014	0.393594	-2.54069	0.0366625	0.335485	-2.98076	0.831862	1.09468	1.09468	0.0738627	0.413966	-2.41566	5.56703	13.4967	1.8183	1
cg22861691	ILF2	0.0278903	0.037851	0.801952	-1.24696	0.0976136	1.18127	1.18127	0.00547032	1.39775	1.39775	0.412346	0.926054	-1.07985	0.262945	0.89855	-1.1129	0.522104	0.942269	-1.06127	0.0812535	0.837653	-1.19381	0.275001	0.901138	-1.10971	0.110514	0.852657	-1.17281	4.19357	0.557963	0.118268	1
cg12508336	ILF3;ILF3;ILF3;ILF3;ILF3	5.22E-05	0.00110648	0.734295	-1.36185	0.116638	0.896268	-1.11574	3.77E-06	0.499798	-2.00081	0.00239708	1.31228	1.31228	0.00353695	0.775693	-1.28917	0.947465	1.00424	1.00424	0.000392337	1.43747	1.43747	0.45968	0.952791	-1.04955	0.254982	0.926493	-1.07934	26.3153	1.7199	0.0580956	1
cg18630811	ILF3;ILF3;ILF3;ILF3;ILF3	0.000721809	0.994711	0.998795	-1.00121	0.5777	1.10769	1.10769	0.486779	1.13711	1.13711	0.586768	1.10495	1.10495	0.350439	0.839654	-1.19097	7.41E-05	0.269987	-3.70388	0.000102395	0.286316	-3.49265	0.497387	0.882248	-1.13347	0.0050518	0.509566	-1.96245	12.8995	6.75548	0.465512	1
cg17848348	ILF3;ILF3;ILF3;ILF3;ILF3	0.00148616	2.74E-05	0.0285731	-34.9979	0.141078	1.97507	1.97507	0.405492	1.44187	1.44187	0.08709	0.443818	-2.25318	0.110898	0.473878	-2.11025	0.138225	0.503451	-1.98629	0.00928869	0.241934	-4.13336	0.91783	1.04537	1.04537	0.760619	0.876877	-1.14041	10.5076	30.7659	2.60264	1
cg01401265	ILF3;ILF3;ILF3;ILF3;ILF3	0.00956344	0.816302	1.04298	1.04298	0.317305	0.829478	-1.20558	0.949318	0.988569	-1.01156	0.0399676	1.53631	1.53631	0.000443895	0.366876	-2.72572	0.157715	1.31418	1.31418	0.0654335	1.45353	1.45353	0.212163	0.788454	-1.2683	0.809464	0.957252	-1.04466	5.99546	3.10595	0.460488	1
cg16714605	ILF3;ILF3;ILF3;ILF3;ILF3;ILF3;ILF3;ILF3;LOC147727;ILF3;ILF3	0.0472818	0.991456	0.999182	-1.00082	0.266205	0.915242	-1.09261	0.0401269	0.834175	-1.19879	0.12845	1.13385	1.13385	0.00202408	0.716896	-1.3949	0.922208	1.0075	1.0075	0.564706	0.95647	-1.04551	0.690381	0.969854	-1.03108	0.968851	1.00299	1.00299	3.46061	0.320321	0.0822775	1
cg00429081	ILF3;ILF3;ILF3;ILF3;ILF3;LOC147727	1.44E-05	0.000294307	0.293975	-3.40165	0.959377	0.989482	-1.01063	0.953054	1.0123	1.0123	2.19E-07	0.0389169	-25.6958	0.00019021	0.271	-3.69004	0.000269815	0.289335	-3.4562	0.187868	0.748495	-1.33601	0.0635777	0.648581	-1.54183	0.00798381	0.493709	-2.02548	36.8718	25.1628	0.606613	1
cg22173241	ILF3;ILF3;ILF3;ILF3;ILF3;LOC147727	0.0243967	0.313562	0.496002	-2.01612	0.976925	0.980731	-1.01965	0.916505	0.931885	-1.07309	0.917574	0.93273	-1.07212	0.00540174	0.0851372	-11.7457	0.834392	0.86863	-1.15124	0.00133053	0.0433169	-23.0857	0.757924	0.812231	-1.23118	0.251822	2.23745	2.23745	4.39436	31.4959	6.37097	1
cg17105604	ILF3;ILF3;ILF3;ILF3;LOC147727;ILF3	0.00962365	0.768569	1.15145	1.15145	0.416893	1.48838	1.48838	0.894718	0.9387	-1.0653	?	?	?	0.000374098	0.0527864	-18.9443	0.146474	2.12303	2.12303	0.202254	0.522773	-1.91288	0.229518	1.83462	1.83462	0.229009	1.83598	1.83598	6.93266	21.8066	2.75231	1
cg14215459	ILF3;ILF3;LOC147727;ILF3;ILF3;ILF3	0.000137362	?	?	?	0.00818073	0.844904	-1.18357	?	?	?	?	?	?	?	?	?	?	?	?	7.37E-05	2.30082	2.30082	?	?	?	?	?	?	561.939	1.351	0.00360626	1
cg25089598	ILK;ILK;ILK	0.00010331	6.38E-05	0.160652	-6.22464	0.000536155	0.262017	-3.81655	0.00111932	0.303255	-3.29755	0.0567671	0.585009	-1.70938	1.12E-05	0.0982213	-10.1811	0.00012372	0.189303	-5.28253	0.00147997	0.319734	-3.1276	0.209523	0.719745	-1.38938	0.00197222	0.337157	-2.96598	21.9485	21.4904	0.870338	1
cg01392481	ILK;ILK;ILK	0.0035017	0.0498307	0.624528	-1.60121	0.148128	1.38604	1.38604	0.760259	1.06652	1.06652	0.614481	0.898641	-1.11279	0.000348828	0.298223	-3.35319	0.193306	0.748512	-1.33598	0.106197	1.44956	1.44956	0.223279	1.309	1.309	0.00182342	0.393661	-2.54026	8.17262	5.73131	0.623362	1
cg14554170	ILK;ILK;ILK;ILK;RRP8	0.000111397	0.296832	1.15794	1.15794	0.292951	1.15941	1.15941	0.000196709	2.33626	2.33626	0.0577668	1.33757	1.33757	0.00766453	1.59144	1.59144	0.0263946	0.699812	-1.42895	7.25E-06	0.261326	-3.82664	0.842928	0.973462	-1.02726	0.37091	0.882884	-1.13265	21.5099	6.26149	0.258754	1
cg07505482	ILK;ILK;RRP8;ILK	0.000884476	0.00142961	0.48136	-2.07745	0.00467957	1.81494	1.81494	0.0812721	1.35849	1.35849	0.0051014	0.556162	-1.79804	0.00119695	0.471157	-2.12243	0.0311422	0.669657	-1.4933	0.0205939	0.642678	-1.55599	0.561808	0.911201	-1.09745	0.015902	1.59698	1.59698	12.1824	4.84881	0.353792	1
cg13213604	ILK;ILK;RRP8;ILK	0.0210405	0.0338966	0.711962	-1.40457	0.214327	0.835828	-1.19642	0.0235835	0.690148	-1.44896	0.429708	0.895318	-1.11692	0.269972	1.17066	1.17066	0.494638	0.909254	-1.0998	0.629002	0.935401	-1.06906	0.260104	1.17484	1.17484	0.00119165	0.521179	-1.91873	4.62399	1.37801	0.264901	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17141180	ILK;ILK;RRP8;ILK	0.0380702	0.611033	1.1018	1.1018	0.00566046	0.503515	-1.98604	0.0827759	0.695513	-1.43779	0.0061367	0.508731	-1.96568	0.171522	0.759471	-1.31671
cg16824731	ILK;RRP8;ILK;ILK	0.0214368	0.434759	1.11331	1.11331	0.0197909	0.684546	-1.46082	0.510572	1.09405	1.09405	0.483841	1.10057	1.10057	0.065546	1.32097	1.32097
cg01763057	ILKAP	0.00377801	0.0226635	0.71809	-1.39258	0.377353	0.895888	-1.11621	0.0065594	0.651445	-1.53505	0.136883	1.21468	1.21468	0.0100136	0.673944	-1.4838
cg05104080	ILKAP	0.00603332	0.861426	0.963102	-1.03831	0.00093732	2.893	2.893	0.0501569	1.61691	1.61691	0.00366959	2.32858	2.32858	0.186159	0.739635	-1.35202
cg22886005	ILKAP	0.0113384	0.92707	0.967767	-1.03331	0.234024	0.63987	-1.56282	0.61671	1.19794	1.19794	0.702747	0.871777	-1.14708	0.000228366	0.111749	-8.94866
cg15056638	ILKAP	0.0193033	0.0129286	0.141698	-7.05728	0.00688917	0.109113	-9.16477	0.555914	0.685765	-1.45823	0.839907	1.13666	1.13666	0.00730538	0.11185	-8.94057
ch.2.4853641F	ILKAP	0.0208058	0.523576	0.717643	-1.39345	?	?	?	?	?	?	0.0238933	0.250728	-3.98838	0.00144955	0.0942479	-10.6103
cg13933311	ILKAP	0.0246723	0.201884	1.1667	1.1667	0.465334	0.918502	-1.08873	0.00418182	0.64465	-1.55123	0.595525	1.06322	1.06322	0.497624	0.924242	-1.08197
cg09280429	ILKAP	0.0435966	0.747115	0.971475	-1.02936	0.523102	1.0596	1.0596	0.305679	1.09952	1.09952	0.838257	1.01845	1.01845	0.130804	1.15713	1.15713
cg16101252	ILKAP;ILKAP	4.65E-05	0.0863951	0.664057	-1.5059	0.00701377	0.470754	-2.12425	0.336864	1.23861	1.23861	0.00124999	0.361043	-2.76975	0.0381121	0.594837	-1.68113
cg06718723	ILVBL	0.00174436	0.87018	1.03277	1.03277	0.00969138	1.90626	1.90626	0.114734	1.40233	1.40233	0.00502897	0.481191	-2.07818	0.169448	0.749358	-1.33448
cg27391838	IMMP2L	3.87E-10	3.24E-09	0.592035	-1.68909	3.50E-09	0.59502	-1.68062	3.47E-07	0.748854	-1.33537	0.520264	0.987291	-1.01287	0.374647	0.982275	-1.01804
cg11879096	IMMP2L	2.67E-06	0.144092	0.879428	-1.1371	9.45E-07	0.34652	-2.88584	4.18E-07	0.307888	-3.24793	0.00559756	0.742413	-1.34696	0.232536	1.10794	1.10794
cg26350446	IMMP2L	3.25E-05	1.21E-06	0.0884175	-11.31	0.0193619	0.578586	-1.72835	0.0122002	1.82993	1.82993	4.19E-05	0.221123	-4.52237	0.0106458	0.537206	-1.86148
cg21342392	IMMP2L	6.34E-05	0.000126731	0.0603338	-16.5745	0.000334815	0.0875894	-11.4169	0.00030753	0.0849036	-11.7781	0.00413361	0.19818	-5.04591	0.000838975	0.120664	-8.2875
cg23698329	IMMP2L	0.00028736	0.00218253	0.321157	-3.11374	0.00145977	0.296853	-3.36867	0.391315	0.792883	-1.26122	0.328487	1.30539	1.30539	1.46E-05	0.0924848	-10.8126
cg08391852	IMMP2L	0.000464183	0.00193802	2.64054	2.64054	0.0756184	1.54942	1.54942	0.0634958	0.630027	-1.58723	0.02743	1.78177	1.78177	0.333004	1.24745	1.24745
cg07373723	IMMP2L	0.000869697	0.0150313	0.63144	-1.58368	0.868984	0.974926	-1.02572	0.000264432	0.397827	-2.51366	0.0823776	0.743804	-1.34444	0.00138038	0.489922	-2.04114
cg24209126	IMMP2L	0.00259901	0.830152	0.97062	-1.03027	0.0700944	0.754943	-1.3246	0.0455379	0.727365	-1.37483	0.00620172	0.609326	-1.64116	0.000159636	0.408322	-2.44904
cg19513514	IMMP2L	0.00755473	0.270983	0.7665	-1.30463	0.0621735	0.61435	-1.62774	0.00337207	0.396451	-2.52238	0.402459	0.819702	-1.21996	0.000543768	0.287318	-3.48047
cg16218254	IMMP2L	0.0174864	0.195954	0.861807	-1.16035	0.00616988	1.47476	1.47476	0.01082	1.41638	1.41638	0.254563	1.13812	1.13812	0.125085	1.19789	1.19789
cg10973622	IMMT;IMMT;IMMT	0.00353924	0.861957	1.07895	1.07895	0.00986288	4.15277	4.15277	0.0681386	2.43949	2.43949	0.76543	1.13955	1.13955	0.0012029	7.93191	7.93191
cg18825430	IMMT;IMMT;IMMT	0.0098527	0.225998	0.86364	-1.15789	0.00127951	0.581872	-1.71859	0.211154	1.16405	1.16405	0.0579369	0.781011	-1.28039	0.57757	1.06702	1.06702
cg12740577	IMMT;IMMT;IMMT	0.0129744	0.27605	0.781885	-1.27896	0.779431	0.940852	-1.06287	0.0167705	0.530527	-1.88492	0.00942825	0.489394	-2.04334	0.0014487	0.368113	-2.71656
cg12926934	IMMT;IMMT;IMMT	0.0204739	0.0276601	0.308736	-3.23902	0.818693	1.10921	1.10921	0.00090809	0.106482	-9.39125	0.159039	0.506893	-1.9728	0.206479	0.547994	-1.82484
cg08229694	IMMT;IMMT;IMMT	0.0209918	0.0994483	0.458625	-2.18043	0.312771	1.56944	1.56944	0.394289	1.45739	1.45739	0.651047	1.2172	1.2172	0.00119519	0.128771	-7.7657
cg20655648	IMP3	6.01E-05	0.875902	0.966285	-1.03489	0.857346	1.04028	1.04028	0.50211	1.16161	1.16161	0.536484	0.871437	-1.14753	0.0200318	0.530179	-1.88616
cg22364503	IMP3	0.00499404	0.0128395	0.691664	-1.44579	0.000882297	0.551751	-1.81241	0.520757	1.08075	1.08075	0.581631	1.06865	1.06865	0.0540472	0.770369	-1.29808
cg19808829	IMP3	0.0254089	0.84373	1.02716	1.02716	0.0495792	1.35559	1.35559	0.0362311	1.39194	1.39194	0.361466	0.880389	-1.13586	0.590373	1.07659	1.07659
cg10178261	IMP3	0.0305045	0.163624	1.25998	1.25998	0.610352	1.08317	1.08317	0.00513056	1.77661	1.77661	0.0511708	0.708072	-1.41229	0.146433	1.27421	1.27421
cg25839482	IMP3;IMP3	0.00163671	0.00634247	0.667317	-1.49854	0.000756206	0.559173	-1.78836	0.122693	1.20971	1.20971	0.206851	1.16361	1.16361	0.00479046	0.653019	-1.53135
cg09640202	IMP4	0.00550188	0.00135794	0.116658	-8.57203	0.324009	0.624674	-1.60083	0.217045	0.548822	-1.82208	0.65962	0.814853	-1.22722	0.00336889	0.158456	-6.31089
cg21940081	IMP4	0.0250624	0.418705	1.11814	1.11814	0.19841	1.20164	1.20164	0.00348427	0.585222	-1.70875	0.457272	1.10772	1.10772	0.225095	1.1879	1.1879
cg01099470	IMP4	0.0326077	0.0720978	0.745987	-1.34051	0.188707	0.81604	-1.22543	0.081756	1.32522	1.32522	0.210148	1.21262	1.21262	0.620993	1.07547	1.07547
cg03245748	IMP4;CCDC115	5.98E-06	?	?	?	0.000140799	5.75947	5.75947	5.22E-05	7.72872	7.72872	?	?	?	0.380426	0.803016	-1.24531
cg08416569	IMP4;CCDC115	0.00123119	0.514651	1.06509	1.06509	0.314515	1.10436	1.10436	0.650952	1.04443	1.04443	0.624414	1.04822	1.04822	0.00952043	1.36814	1.36814
cg07916876	IMP4;CCDC115	0.00163206	0.699182	0.901076	-1.10978	0.838596	1.05621	1.05621	0.692435	1.11255	1.11255	0.490971	0.82863	-1.20681	0.260801	1.37221	1.37221
cg19098091	IMP4;CCDC115	0.0148863	0.796656	0.974782	-1.02587	0.895465	1.01309	1.01309	0.13265	0.851724	-1.17409	0.000323469	0.562594	-1.77748	0.381373	0.915023	-1.09287
cg02929766	IMP4;CCDC115	0.0313195	0.189371	1.27445	1.27445	0.0296788	1.56279	1.56279	0.615684	1.0923	1.0923	0.244915	0.808823	-1.23636	0.953123	1.01031	1.01031
cg19438261	IMPA1;IMPA1;IMPA1	0.0181418	0.295216	0.910015	-1.09888	0.0199034	1.2765	1.2765	0.00963978	0.75233	-1.3292	0.206202	0.890634	-1.1228	0.176607	0.882694	-1.1329
cg24181213	IMPA1;IMPA1;IMPA1	0.0265802	0.0584166	0.822853	-1.21528	0.00408911	1.42091	1.42091	0.0114519	1.3344	1.3344	0.56914	1.05386	1.05386	0.531124	1.05955	1.05955
cg09614956	IMPA1;IMPA1;IMPA1	0.0375246	0.641098	1.11613	1.11613	0.0171423	0.506693	-1.97358	0.00526929	0.422768	-2.36536	0.33413	1.26253	1.26253	0.934516	0.980953	-1.01942
cg05798523	IMPA1;IMPA1;IMPA1;IMPA1;IMPA1;IMPA1	0.0325641	0.744785	0.813585	-1.22913	0.660134	0.75617	-1.32245	0.292216	0.501467	-1.99415	0.51073	0.656157	-1.52403	?	?	?
cg00008713	IMPA2	0.00200427	0.802809	1.02817	1.02817	0.237025	1.14746	1.14746	0.00782565	1.46082	1.46082	0.537621	1.07176	1.07176	0.125651	1.20203	1.20203
cg03474702	IMPA2	0.00521985	0.00977293	0.727363	-1.37483	0.430886	0.924657	-1.08148	0.791268	0.974487	-1.02618	0.874592	1.01551	1.01551	0.735355	0.967485	-1.03361
cg11926473	IMPA2	0.0140072	0.0123382	0.34115	-2.93126	0.632857	0.846945	-1.18071	0.0165997	0.364296	-2.74502	0.468511	0.775244	-1.28992	0.00208821	0.224292	-4.45848
cg21957399	IMPA2	0.0236605	0.967361	0.993359	-1.00669	0.75572	1.05214	1.05214	0.949625	0.989763	-1.01034	0.24766	0.821327	-1.21754	0.484378	0.890718	-1.12269
cg25906620	IMPA2	0.0408002	0.0171284	0.229864	-4.35039	0.240536	0.536995	-1.86221	0.111682	0.416188	-2.40276	0.174763	0.481733	-2.07584	0.018153	0.234196	-4.26992
cg12809234	IMPA2;IMPA2	0.0247071	0.931317	0.979801	-1.02062	0.169064	1.41459	1.41459	0.00482288	2.42338	2.42338	0.00681887	0.43617	-2.29268	0.0473561	1.71099	1.71099
cg19830372	IMPACT	2.41E-05	0.00116282	3.12917	3.12917	0.15589	1.43782	1.43782	0.00585226	0.42193	-2.37006	0.447147	1.2036	1.2036	5.34E-06	0.0848947	-11.7793
cg03143886	IMPACT	3.50E-05	0.0599796	0.81495	-1.22707	0.859838	1.01719	1.01719	0.00203923	0.657512	-1.52088	0.136477	0.856669	-1.16731	0.000388156	0.579483	-1.72568
cg13981356	IMPACT	9.09E-05	0.0455107	1.28069	1.28069	0.000717719	0.573841	-1.74264	0.547473	0.936445	-1.06787	7.30E-05	2.17795	2.17795	0.0788782	0.810187	-1.23428
cg03614916	IMPACT	0.00383734	0.170522	0.737353	-1.3562	0.0280625	0.581804	-1.71879	0.00353055	0.437939	-2.28342	0.341446	1.22708	1.22708	0.0532285	0.632247	-1.58166
cg22757447	IMPACT	0.0141848	0.732074	1.08607	1.08607	0.169248	0.703401	-1.42166	0.770324	1.07286	1.07286	0.14369	0.685615	-1.45854	0.0355204	0.555438	-1.80038
cg24275769	IMPACT	0.0248775	0.554143	1.1286	1.1286	0.880862	0.970134	-1.03079	0.740164	0.934927	-1.0696	0.437142	1.17381	1.17381	0.777881	1.05884	1.05884
cg24949251	IMPACT	0.0270202	0.0423217	0.782735	-1.27757	0.890753	0.985708	-1.0145	0.529909	1.06893	1.06893	0.184331	0.862861	-1.15894	0.587203	0.944199	-1.0591
cg03013329	IMPACT	0.0287209	0.233393	0.690154	-1.44895	0.565582	1.18814	1.18814	0.00639927	0.348902	-2.86613	0.0234586	0.447798	-2.23315	0.156082	0.637386	-1.56891
cg22061809	IMPACT	0.0383747	0.32409	0.698381	-1.43188	0.0108782	0.323978	-3.08663	0.0522953	0.4593	-2.17722	0.448382	1.31305	1.31305	0.852118	0.936334	-1.068
cg18332806	IMPACT	0.0386515	0.0424771	0.762989	-1.31063	0.969281	1.00447	1.00447	0.711189	0.957852	-1.044	0.217599	1.16205	1.16205	0.585057	0.938155	-1.06592
cg03732295	IMPAD1	1.11E-05	0.31654	1.05394	1.05394	0.00545717	1.20376	1.20376	5.43E-07	2.02515	2.02515	0.000387417	0.750389	-1.33264	0.00639896	1.19722	1.19722
cg14234680	IMPAD1	0.0014173	0.572304	0.914193	-1.09386	0.00606886	1.75662	1.75662	0.00803707	1.7056	1.7056	0.832863	1.03378	1.03378	0.112117	1.31259	1.31259
cg11562225	IMPAD1	0.00178364	0.469928	1.11624	1.11624	0.00086603	2.11237	2.11237	0.000678693	2.17483	2.17483	0.00433964	0.56541	-1.76863	0.275763	0.844001	-1.18483
cg09102447	IMPAD1	0.0442578	0.426714	0.82989	-1.20498	0.00621044	2.26983	2.26983	0.0885051	1.53996	1.53996	0.341391	1.25263	1.25263	0.151927	0.702813	-1.42285
cg22912485	IMPAD1	0.0494679	0.325543	0.805367	-1.24167	0.0555149	1.5884	1.5884	0.0764039	1.52246	1.52246	0.501883	1.15642	1.15642	0.0296023	0.579201	-1.72651
cg12517576	IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.0204404	0.222066	1.39863	1.39863	0.877362	0.960434	-1.0412	0.161803	0.676684	-1.47779	0.311918	0.760731	-1.31453	0.0265315	0.502858	-1.98863
cg05001908	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.00611403	0.316313	1.16335	1.16335	0.0155394	0.648296	-1.54251	0.0128694	0.636948	-1.56999	0.700668	1.05803	1.05803	0.00039219	0.438213	-2.28199
cg07017242	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.0135155	0.0236486	0.518717	-1.92783	0.0606928	0.598241	-1.67157	0.0139668	0.478269	-2.09087	0.16987	0.701028	-1.42648	0.00485332	0.403567	-2.4779
cg08242859	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.0174135	0.0442779	0.749623	-1.334	0.00737594	0.650088	-1.53825	0.797617	1.03257	1.03257	0.0120179	0.676558	-1.47807	0.138296	0.819521	-1.22022
cg18622494	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.0138493	0.0363692	0.799877	-1.25019	0.78625	0.975359	-1.02526	0.191773	1.13523	1.13523	0.00489714	0.71017	-1.40811	0.245116	0.89441	-1.11806
cg00572684	IMPDH2	0.00719167	0.965598	0.996384	-1.00363	0.168194	1.13129	1.13129	0.186078	0.888906	-1.12498	0.503696	0.944591	-1.05866	0.00133349	1.47972	1.47972
cg14691865	IMPDH2	0.0123267	0.518834	0.921367	-1.08534	0.397534	0.897202	-1.11458	0.0165793	1.44258	1.44258	0.370776	1.12197	1.12197	0.00533937	0.631573	-1.58335
cg23031807	IMPDH2	0.0176724	0.290502	1.25237	1.25237	0.0426601	0.619565	-1.61403	0.464934	0.858499	-1.16482	0.0127325	0.529927	-1.88705	0.00285686	0.43082	-2.32115
cg01062024	IMPDH2	0.0233995	0.0121939	0.158228	-6.31999	0.0378161	0.241286	-4.14446	0.302412	0.532253	-1.87881	0.305261	0.534369	-1.87137	0.00980677	0.145542	-6.87086
cg12394910	IMPG1	0.000624472	2.61E-05	0.0653212	-15.309	0.0588076	0.496745	-2.01311	0.0491487	0.478925	-2.08801	0.780424	1.09594	1.09594	0.023629	0.412349	-2.42513
cg17581312	IMPG1	0.0008845	0.752219	0.956389	-1.0456	0.0505277	0.730705	-1.36854	0.00762007	1.621	1.621	0.000526744	2.13918	2.13918	0.155869	0.807548	-1.23832
cg27477881	IMPG1	0.00267632	0.917109	0.985313	-1.01491	0.000598345	0.471072	-2.12282	0.000900183	0.493536	-2.02619	0.091054	0.767555	-1.30284	0.0775307	0.756644	-1.32163
cg16608291	IMPG1	0.00418559	0.690501	1.14445	1.14445	0.937052	1.02699	1.02699	0.00683551	0.306949	-3.25787	0.0335093	0.432863	-2.3102	0.044613	0.459626	-2.17568
cg20429748	IMPG1	0.0050183	0.00556483	0.231818	-4.31374	0.142602	0.531216	-1.88247	0.0109289	0.277434	-3.60446	0.00567651	0.233073	-4.2905	0.00265273	0.188463	-5.30609
cg16007619	IMPG1	0.00653382	0.00222394	0.609394	-1.64097	0.0234653	1.36734	1.36734	0.117719	1.21699	1.21699	0.487778	0.921749	-1.08489	0.0259996	0.73681	-1.3572
cg24714313	IMPG1	0.00836003	0.0815219	0.746037	-1.34042	0.279139	1.18619	1.18619	0.00466483	1.76984	1.76984	0.207338	1.22357	1.22357	0.268366	0.839504	-1.19118
cg22803222	IMPG1	0.0171498	0.00124616	0.40127	-2.49209	0.430061	0.855608	-1.16876	0.165934	0.751232	-1.33115	0.366499	1.19676	1.19676	0.143152	0.73739	-1.35613
cg12602851	IMPG1	0.0193988	0.00152083	0.153131	-6.53034	0.214932	0.584768	-1.71008	0.0640395	0.425104	-2.35237	0.0334966	0.360251	-2.77584	0.0509567	0.401002	-2.49375
cg25325932	IMPG1	0.0357998	0.00297192	0.110123	-9.08078	0.604573	0.753741	-1.32672	0.0171744	0.207732	-4.81389	0.913067	0.942613	-1.06088	0.37982	0.614131	-1.62832
cg13498382	IMPG2	0.0322202	0.0842631	1.53765	1.53765	0.0220228	0.538642	-1.85652	0.0153023	0.511344	-1.95563	0.149774	1.41603	1.41603	0.902107	1.02811	1.02811
cg12249537	IMPG2	0.0379341	0.147867	0.584202	-1.71174	0.680836	1.15395	1.15395	0.0367492	0.431694	-2.31646	0.0945239	1.88946	1.88946	0.0412325	0.442523	-2.25977
cg01095395	IMPG2;IMPG2	0.0155228	0.258042	1.42036	1.42036	0.0196712	0.432656	-2.3113	0.264055	0.707415	-1.4136	0.148564	1.58518	1.58518	0.25662	0.703246	-1.42198
cg07098168	INA	7.31E-05	0.146884	0.724517	-1.38023	0.303445	0.802016	-1.24686	0.0474972	0.625482	-1.59877	0.131347	0.71379	-1.40097	0.0145992	0.536586	-1.86364
cg18932798	INA	0.00740756	0.513441	0.84682	-1.18089	0.435377	0.819008	-1.22099	0.284202	1.32196	1.32196	0.100002	0.636242	-1.57173	0.390488	0.801912	-1.24702
cg17567560	INA	0.0140208	0.0312427	2.27692	2.27692	0.427703	0.768265	-1.30163	0.778803	1.09601	1.09601	0.019476	2.50781	2.50781	0.562234	0.826335	-1.21016
cg24680586	INA	0.0169127	0.000308364	0.0688803	-14.5179	0.695135	0.835346	-1.19711	0.175282	1.93176	1.93176	0.802461	0.891812	-1.12131	0.847301	0.915704	-1.09206
cg05636881	INA	0.0177837	0.076522	0.586606	-1.70472	0.430044	0.804072	-1.24367	0.0290756	0.49838	-2.0065	0.22025	0.705441	-1.41755	0.0412232	1.89181	1.89181
cg00824018	INA	0.0199464	0.113072	0.623452	-1.60397	0.94203	0.980272	-1.02012	0.00544151	2.72353	2.72353	0.176454	0.674549	-1.48247	0.141607	1.5419	1.5419
cg03536320	INADL	3.15E-05	0.159474	0.926696	-1.0791	0.0041925	0.823467	-1.21438	0.000586086	1.30873	1.30873	0.00019053	1.37497	1.37497	0.00335628	0.817025	-1.22395
cg03605365	INADL	0.000422253	0.327264	0.795837	-1.25654	0.105182	1.49149	1.49149	0.0567768	0.614546	-1.6272	0.340689	1.24822	1.24822	2.02E-05	0.142689	-7.00824
cg10704177	INADL	0.000548326	0.342853	0.828349	-1.20722	0.647452	0.915093	-1.09278	0.140953	1.35683	1.35683	0.0145669	1.78577	1.78577	8.86E-06	0.15611	-6.40572
cg10139846	INADL	0.0053908	0.583187	0.926138	-1.07975	0.139464	1.24633	1.24633	0.637283	0.936355	-1.06797	0.851186	0.974331	-1.02635	0.000681486	0.487388	-2.05176
cg04914562	INADL	0.0336608	0.397048	0.68891	-1.45157	0.102184	2.15677	2.15677	0.0399856	2.77337	2.77337	0.604314	1.25187	1.25187	0.0241929	0.315115	-3.17345
cg08714311	INADL	0.0404997	0.0832217	0.562897	-1.77652	0.0392237	0.489238	-2.04399	0.0993621	0.582005	-1.7182	0.156686	0.635126	-1.57449	0.0114735	0.387629	-2.57978
cg18274735	INADL	0.0438619	0.380761	1.22439	1.22439	0.47985	0.850671	-1.17554	0.744536	1.0764	1.0764	0.00254973	0.389617	-2.56663	0.454388	0.842323	-1.18719
cg11812662	INADL	0.0455281	0.0198415	0.245587	-4.07187	0.157721	0.470397	-2.12586	0.188004	0.498325	-2.00672	0.171751	0.483681	-2.06748	0.00661701	0.17205	-5.81225
cg08111106	INCA1;INCA1;INCA1;INCA1;KIF1C	0.00417443	0.0174779	0.367802	-2.71886	0.87519	1.05408	1.05408	0.0253641	0.400376	-2.49765	0.319838	1.41363	1.41363	?	?	?
cg19425528	INCA1;INCA1;INCA1;INCA1;KIF1C	0.00949999	0.287681	1.13614	1.13614	0.930581	1.01012	1.01012	0.225901	1.15839	1.15839	0.961518	1.00559	1.00559	0.0872093	0.80385	-1.24401
cg08001603	INCA1;INCA1;INCA1;INCA1;KIF1C	0.0129073	0.867735	0.960143	-1.04151	0.0515057	1.71758	1.71758	0.132158	1.48666	1.48666	0.0479674	1.7362	1.7362	0.696724	0.908848	-1.10029
cg12100506	INCA1;INCA1;INCA1;INCA1;KIF1C	0.0190644	0.29857	0.828948	-1.20635	0.545021	1.11211	1.11211	0.00404217	0.495819	-2.01687	0.485293	1.13098	1.13098	0.0273181	1.59109	1.59109
cg18939077	INCA1;INCA1;INCA1;KIF1C;INCA1	0.00624245	0.334296	0.839421	-1.1913	0.000306898	2.80186	2.80186	0.0944154	1.38153	1.38153	0.00111727	2.32519	2.32519	0.705852	1.06893	1.06893
cg09578319	INCA1;INCA1;INCA1;KIF1C;INCA1	0.0359121	0.122909	1.65532	1.65532	0.00544032	3.01249	3.01249	0.229691	1.46234	1.46234	0.0670078	1.85721	1.85721	0.647278	0.870305	-1.14902
cg17578717	INCA1;INCA1;KIF1C;INCA1;INCA1	0.000888895	0.00300345	1.88804	1.88804	0.17785	1.23885	1.23885	0.595957	1.08334	1.08334	0.000142366	0.374822	-2.66794	0.0101201	1.6247	1.6247
cg09307264	INCA1;INCA1;KIF1C;INCA1;INCA1	0.0423389	0.439802	1.13835	1.13835	0.124076	0.760407	-1.31508	0.00756912	1.75951	1.75951	0.0593577	1.41917	1.41917	0.253406	1.21674	1.21674
cg13883397	INCENP;INCENP	0.000291367	0.706242	0.921618	-1.08505	0.000348077	3.45523	3.45523	0.235474	0.764886	-1.30738	0.527617	0.871134	-1.14793	1.70E-05	0.149247	-6.7003
cg15603226	INCENP;INCENP	0.0019339	0.00686164	0.76481	-1.30751	0.0405415	1.1986	1.1986	0.871577	0.987686	-1.01247	0.00714301	0.766382	-1.30483	0.289948	1.08776	1.08776
cg23663298	INCENP;INCENP	0.00789957	0.0063928	0.173252	-5.77193	0.0162728	0.234194	-4.26997	0.0978879	0.407756	-2.45245	0.388936	1.54684	1.54684	0.00214263	0.118802	-8.41737
cg05316520	INCENP;INCENP	0.0104137	0.124241	1.23906	1.23906	0.88458	0.981469	-1.01888	0.871374	0.979349	-1.02109	0.00213943	1.74267	1.74267	0.415712	1.11307	1.11307
cg15341750	INCENP;INCENP	0.0105798	0.622117	0.905902	-1.10387	0.747244	1.06644	1.06644	0.478553	1.1541	1.1541	0.958983	0.989821	-1.01028	0.0485253	0.638701	-1.56568
cg17677402	INCENP;INCENP	0.0385938	0.603572	0.846193	-1.18176	0.197714	0.647879	-1.5435	0.635736	1.16429	1.16429	0.74299	0.900419	-1.11059	0.0187259	0.403229	-2.47998
cg27072561	INE1;UBA1;UBA1	0.0189688	0.000800062	0.361149	-2.76894	0.763157	0.941006	-1.06269	0.133249	0.721891	-1.38525	0.0921267	1.45212	1.45212	0.256478	0.787958	-1.2691
cg06913629	INE2	0.0209989	0.00764259	0.244927	-4.08285	0.0651552	0.427656	-2.33833	0.233712	0.599181	-1.66894	0.836013	1.08875	1.08875	0.0140681	0.288348	-3.46803
cg26747413	INE2;ZRSR2	0.00111937	0.00697238	0.376179	-2.65831	0.000517425	0.219328	-4.55938	0.0141039	0.427978	-2.33657	0.952159	1.01695	1.01695	0.000446843	0.211924	-4.71868
cg23343291	INF2;INF2	0.000443239	5.78E-05	2.92462	2.92462	0.000410134	2.24245	2.24245	0.105312	0.775159	-1.29006	0.0168765	1.52125	1.52125	0.397592	0.882798	-1.13276
cg24404909	INF2;INF2	0.000490705	0.000916856	0.651169	-1.5357	0.145344	0.873367	-1.14499	0.00118732	1.50924	1.50924	0.016997	1.28663	1.28663	0.00843289	1.33816	1.33816
cg00816970	INF2;INF2	0.000566221	0.00049118	0.376252	-2.65779	0.000400733	2.74067	2.74067	0.0480675	0.667268	-1.49865	0.0165687	0.592133	-1.68881	0.00488056	0.512708	-1.95043
cg05018513	INF2;INF2	0.00108231	0.00207761	0.319653	-3.1284	0.873543	1.0428	1.0428	0.000519825	4.15422	4.15422	0.0354009	1.90515	1.90515	0.00133928	0.293297	-3.40952
cg22090592	INF2;INF2	0.0014382	0.000205538	0.272105	-3.67505	0.951866	0.987445	-1.01271	0.0273189	0.578958	-1.72724	0.302061	1.25078	1.25078	0.00169681	0.39125	-2.55591
cg18519050	INF2;INF2	0.00214075	0.0139097	1.90156	1.90156	0.000410815	3.27561	3.27561	0.0137603	1.90435	1.90435	0.00658351	2.10921	2.10921	0.893149	1.02883	1.02883
cg26212352	INF2;INF2	0.00710293	0.446457	1.1138	1.1138	0.000310562	0.443714	-2.2537	0.0108938	1.55882	1.55882	0.476496	1.10577	1.10577	0.733627	1.04858	1.04858
cg12950382	INF2;INF2	0.00720182	0.0135899	0.448279	-2.23076	0.00913188	0.418883	-2.3873	0.361903	0.781725	-1.27922	0.139274	0.658289	-1.51909	0.378982	0.788864	-1.26765
cg11290775	INF2;INF2	0.0160557	0.00470881	0.545231	-1.83408	0.00538294	1.80724	1.80724	0.111229	1.3234	1.3234	0.0809414	1.36688	1.36688	0.128385	1.304	1.304
cg02878289	INF2;INF2	0.0170532	0.00584077	0.375513	-2.66302	0.155454	1.51061	1.51061	0.0210196	2.12413	2.12413	0.224515	0.707333	-1.41376	0.00658777	0.383854	-2.60516
cg02918593	INF2;INF2	0.0178543	0.0253291	2.92438	2.92438	0.115605	0.501389	-1.99446	0.18513	0.56711	-1.76333	0.0686641	2.27622	2.27622	0.37554	0.692761	-1.4435
cg27286011	INF2;INF2;INF2	9.58E-06	0.00124687	0.656906	-1.52229	1.30E-05	2.26116	2.26116	0.00129341	1.5185	1.5185	0.00716997	0.733936	-1.36252	8.03E-05	1.88589	1.88589
cg06611606	INF2;INF2;INF2	1.44E-05	0.00177833	0.864206	-1.15713	0.0104105	1.11163	1.11163	0.0054005	0.8868	-1.12765	6.64E-05	0.786729	-1.27109	0.00294826	0.874661	-1.1433
cg16147932	INF2;INF2;INF2	0.000187091	0.00324964	2.13584	2.13584	0.000534005	2.77079	2.77079	0.181943	1.3072	1.3072	0.0022347	2.24681	2.24681	0.00879894	0.532181	-1.87906
cg11730703	INF2;INF2;INF2	0.0013823	0.00448585	1.91737	1.91737	0.000331949	2.70529	2.70529	0.00186952	2.13397	2.13397	0.0110925	1.72829	1.72829	0.297223	1.20402	1.20402
cg23045371	INF2;INF2;INF2	0.00648329	0.104021	0.63923	-1.56438	0.190258	0.705229	-1.41798	0.291708	0.759241	-1.31711	0.68234	1.10916	1.10916	0.532153	0.852732	-1.1727
cg05975654	INF2;INF2;INF2	0.0307325	0.62594	1.11779	1.11779	0.523615	0.863715	-1.15779	0.136128	0.694877	-1.4391	0.996661	1.00095	1.00095	0.0351074	1.74444	1.74444
cg18425377	INF2;INF2;INF2	0.0321918	0.682475	0.887404	-1.12688	0.00846962	2.6542	2.6542	0.00495157	2.94682	2.94682	0.437439	1.25866	1.25866	0.981852	0.993416	-1.00663
cg18447460	INF2;INF2;INF2	0.0383812	0.0127975	0.795051	-1.25778	0.332977	0.928604	-1.07689	0.821248	1.01693	1.01693	0.243295	1.09478	1.09478	0.693468	0.971045	-1.02982
cg04698974	INF2;INF2;INF2	0.0385675	0.306661	1.19454	1.19454	0.762616	1.0522	1.0522	0.121088	1.32623	1.32623	0.0561121	1.43818	1.43818	0.77251	1.04989	1.04989

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17141180	0.345008	1.20181	1.20181	0.774029	1.05592	1.05592	0.274793	0.806737	-1.23956	0.570918	0.89741	-1.11432	3.7506	2.12197	0.502904	1
cg16824731	0.193805	0.830962	-1.20342	0.00278487	0.573907	-1.74244	0.923189	1.01307	1.01307	0.134994	1.24237	1.24237	4.59458	1.31999	0.255371	1
cg01763057	0.762653	1.03745	1.03745	0.000604182	0.526314	-1.90001	0.00244367	0.59943	-1.66825	0.164288	0.83518	-1.19735	7.98859	1.86375	0.207379	1
cg05104080	0.00806551	2.07548	2.07548	0.2098	0.752461	-1.32897	0.113086	1.44928	1.44928	0.270924	1.27972	1.27972	6.9273	5.07986	0.651831	1
cg22886005	0.408307	0.738832	-1.35349	0.180735	1.66301	1.66301	0.365104	0.716736	-1.39521	0.159311	1.71306	1.71306	5.67677	11.5156	1.80315	1
cg15056638	0.286954	0.496475	-2.0142	0.0143243	0.147734	-6.76894	0.730237	0.803159	-1.24508	0.0123823	0.139221	-7.18281	4.76148	30.2436	5.64598	1
ch.2.4853641F	0.469824	0.685641	-1.45849	0.539346	0.726905	-1.37569	0.295713	1.74463	1.74463	0.351423	1.63594	1.63594	4.8305	15.6752	3.70863	1
cg13933311	0.551879	1.07129	1.07129	0.163566	1.18544	1.18544	0.00599658	1.50817	1.50817	0.496017	1.0823	1.0823	4.37726	0.907506	0.184287	1
cg09280429	0.0237793	0.785554	-1.27299	0.00867983	0.741401	-1.3488	0.849754	1.01711	1.01711	0.0646947	1.20395	1.20395	3.5675	0.452093	0.112645	1
cg16101252	0.738977	1.07494	1.07494	4.76E-07	0.0470064	-21.2737	0.546131	0.876335	-1.14112	0.509601	0.865395	-1.15554	27.1376	20.0735	0.657504	1
cg06718723	0.000108634	0.260693	-3.83593	0.626498	0.907845	-1.10151	0.759287	0.941212	-1.06246	0.178108	1.32587	1.32587	10.0327	6.1748	0.547084	1
cg27391838	5.18E-05	1.16023	1.16023	8.16E-12	0.328991	-3.0396	0.0455413	0.955996	-1.04603	0.00124266	0.911555	-1.09703	532.206	3.24645	0.00542221	1
cg11879096	0.0011495	1.47879	1.47879	0.000418542	0.632542	-1.58092	0.575401	1.04742	1.04742	1.66E-05	0.484261	-2.065	57.0446	6.05636	0.0943722	1
cg26350446	0.737421	1.06727	1.06727	0.709863	1.07499	1.07499	0.268101	1.25007	1.25007	0.218701	1.28443	1.28443	29.8151	17.6789	0.527068	1
cg21342392	0.00101518	0.128513	-7.78132	1.06E-05	0.0190417	-52.5162	2.43E-05	0.0290403	-34.4349	0.00306096	0.181392	-5.51294	24.9951	70.1343	2.49416	1
cg23698329	0.431305	0.808775	-1.23644	0.0848292	1.65463	1.65463	0.17615	0.683851	-1.46231	0.000586855	0.245689	-4.07018	16.645	18.406	0.982934	1
cg08391852	0.330411	1.24903	1.24903	0.0042559	2.33252	2.33252	1.06E-05	8.02909	8.02909	0.0860459	1.52194	1.52194	14.5879	11.3262	0.69014	1
cg07373723	0.0146036	0.629648	-1.58819	0.000496111	0.432362	-2.31288	0.824313	1.03479	1.03479	0.000340367	0.411599	-2.42955	12.2405	4.58694	0.333097	1
cg24209126	0.0217546	0.682257	-1.46572	0.0010253	0.508851	-1.96521	0.852831	1.02611	1.02611	0.0341914	0.709598	-1.40925	8.92929	2.72527	0.271294	1
cg19513514	0.225903	0.744482	-1.34322	0.764149	1.07231	1.07231	0.431397	1.20482	1.20482	0.00772383	0.452018	-2.2123	6.45928	5.50768	0.757935	1
cg16218254	0.710075	1.04145	1.04145	0.0865938	0.813944	-1.22859	0.0382629	0.770166	-1.29842	0.93524	1.00888	1.00888	4.92276	0.922166	0.166513	1
cg10973622	0.00382298	5.48771	5.48771	0.0006188	9.97732	9.97732	0.0104618	4.08361	4.08361	0.0191667	3.44662	3.44662	8.14657	24.5924	2.68333	1
cg18825430	0.415183	1.1008	1.1008	0.350607	1.11715	1.11715	0.0144158	1.41584	1.41584	0.0678698	1.26594	1.26594	5.93872	1.25053	0.187176	1
cg12740577	0.0132964	0.513692	-1.94669	0.129883	0.700971	-1.42659	0.668618	1.09802	1.09802	0.0199215	0.543257	-1.84075	5.43364	4.05813	0.663869	1
cg12926934	0.562281	0.767613	-1.30274	0.255398	1.70914	1.70914	0.634111	1.24165	1.24165	0.0458953	0.355958	-2.80932	4.66724	15.0626	2.86872	1
cg08229694	0.0972546	0.455849	-2.19371	0.0638938	0.406961	-2.45724	0.224083	1.73554	1.73554	0.60954	1.24901	1.24901	4.62765	13.657	2.62327	1
cg20655648	1.93E-06	0.0482427	-20.7285	0.238744	1.31348	1.31348	0.000352203	3.91366	3.91366	0.00753148	2.1947	2.1947	33.7434	25.1897	0.580618	1
cg22364503	0.0531357	0.769399	-1.29972	0.000647388	0.535681	-1.86678	0.293942	0.878205	-1.13869	0.0840333	0.796066	-1.25618	7.34127	1.65491	0.200378	1
cg19808829	0.301883	0.864806	-1.15633	0.0143885	0.663855	-1.50635	0.00895226	0.636677	-1.57066	0.954402	0.992265	-1.0078	4.3327	1.26549	0.259625	1
cg10178261	0.837816	0.968642	-1.03237	0.229226	1.21669	1.21669	0.0124078	1.6222	1.6222	0.602484	0.921562	-1.08511	4.06268	1.55487	0.340196	1
cg25839482	0.0160687	0.715081	-1.39844	0.00058318	0.545934	-1.83172	0.0227072	0.733127	-1.36402	0.655906	0.950234	-1.05237	10.2193	2.09697	0.182398	1
cg09640202	0.0521173	0.360385	-2.77481	0.000709292	0.0922862	-10.8359	0.267456	0.586458	-1.70515	0.00922787	0.217269	-4.60259	7.12681	24.0863	3.00416	1
cg21940081	0.0157505	1.49166	1.49166	0.248246	1.17718	1.17718	0.137031	0.805369	-1.24167	0.646475	0.939496	-1.0644	4.35346	1.25925	0.257113	1
cg01099470	0.00286337	0.549378	-1.82024	0.97983	0.996316	-1.0037	0.183417	1.22881	1.22881	0.826794	0.968516	-1.03251	3.96705	1.33889	0.300003	1
cg03245748	7.42E-07	0.0210547	-47.4953	0.00310576	0.355432	-2.81348	0.205339	0.720915	-1.38713	0.0116608	2.21142	2.21142	70.0934	49.8663	0.711426	1
cg08416569	0.992219	1.00093	1.00093	2.57E-05	0.451141	-2.2166	0.219397	1.13118	1.13118	0.522712	1.06378	1.06378	11.0902	1.59991	0.128234	1
cg07916876	5.78E-05	0.108437	-9.22194	0.0197971	2.17566	2.17566	0.0336619	1.97706	1.97706	0.043758	1.88727	1.88727	12.2709	13.6708	0.866508	1
cg19098091	0.306854	1.11031	1.11031	0.598113	1.05402	1.05402	0.153903	1.16299	1.16299	0.95495	1.0056	1.0056	5.19374	0.804777	0.137734	1
cg02929766	0.551834	1.11072	1.11072	0.0017955	0.460792	-2.17018	0.683427	0.930979	-1.07414	0.691549	1.07204	1.07204	4.02468	1.93954	0.428366	1
cg19438261	0.266318	0.904288	-1.10584	0.492782	0.941286	-1.06238	0.161196	1.13881	1.13881	0.00574214	0.730153	-1.36958	4.86227	0.581053	0.106224	1
cg24181213	0.0565874	1.21748	1.21748	0.116037	1.16852	1.16852	0.516137	1.06187	1.06187	0.136312	1.1576	1.1576	4.26502	0.561556	0.117036	1
cg09614956	0.687498	0.909708	-1.09925	0.0398543	1.74371	1.74371	0.633333	0.893624	-1.11904	0.461143	0.838971	-1.19194	3.77045	3.27035	0.770991	1
cg05798523	?	?	?	0.00166762	0.05842	-17.1174	0.76406	1.2094	1.2094	0.0206681	0.172039	-5.81264	4.11655	20.229	5.61609	1
cg00008713	0.0331884	1.31843	1.31843	0.000108473	0.468894	-2.13268	0.422045	1.09534	1.09534	0.0410924	1.29912	1.29912	9.63591	1.88137	0.173552	1
cg03474702	0.651537	0.95667	-1.04529	0.000142589	1.89462	1.89462	0.640653	1.04687	1.04687	0.454952	1.07697	1.07697	7.2427	1.08894	0.133645	1
cg11926473	0.751144	1.11607	1.11607	0.264748	0.669519	-1.49361	0.0313534	2.39078	2.39078	0.220054	0.640771	-1.56062	5.29899	9.99844	1.67721	1
cg21957399	0.0673881	0.716213	-1.39623	0.000699608	0.430911	-2.32067	0.565584	0.909747	-1.09921	0.0139937	0.610052	-1.63921	4.44123	1.86549	0.373367	1
cg25906620	0.103207	0.405792	-2.46432	0.012109	0.205414	-4.86821	0.00898693	0.186181	-5.37111	0.0988838	0.400281	-2.49824	3.65633	14.8272	3.60463	1
cg12809234	0.824088	1.05412	1.05412	0.52807	0.859568	-1.16338	0.738126	1.08267	1.08267	0.794509	1.06374	1.06374	4.37512	3.8829	0.788885	1
cg19830372	0.193417	0.719526	-1.3898	9.61E-05	5.25862	5.25862	0.000149878	4.74663	4.74663	0.00705872	2.29982	2.29982	32.2459	29.2165	0.805381	1
cg03143886	0.0300978	0.781944	-1.27886	2.80E-06	0.338672	-2.95271	0.148492	0.861183	-1.16119	5.98E-05	2.04563	2.04563	29.2401	4.30634	0.130911	1
cg13981356	0.041506	0.776027	-1.28862	0.000492115	0.555027	-1.80172	0.145627	0.8449	-1.18357	0.000104287	2.09586	2.09586	22.7093	4.18504	0.163812	1
cg03614916	0.00199427	0.402079	-2.48707	0.00157488	0.387662	-2.57956	0.00169288	0.392049	-2.5507	0.0646864	0.648445	-1.54215	7.95126	5.48797	0.613513	1
cg22757447	0.948756	1.01556	1.01556	0.00291882	0.374388	-2.67103	0.438755	0.827179	-1.20893	0.00485521	2.45282	2.45282	5.27708	4.82382	0.81254	1
cg24275769	0.26567	0.790961	-1.26429	0.0059985	0.483823	-2.06687	0.0883189	1.46257	1.46257	0.00437606	2.15866	2.15866	4.36468	2.82556	0.57544	1
cg24949251	0.226066	1.14242	1.14242	0.0698473	0.808685	-1.23658	0.134801	0.844613	-1.18397	0.00329706	1.52094	1.52094	4.24055	0.736886	0.154463	1
cg03013329	0.00431926	0.322278	-3.10292	0.907746	0.966178	-1.03501	0.488881	0.811654	-1.23205	0.408581	1.28515	1.28515	4.1504	5.79079	1.24021	1
cg22061809	0.9732	0.988228	-1.01191	0.00927934	3.20165	3.20165	0.34548	1.40846	1.40846	0.905885	0.959164	-1.04257	3.73968	7.35976	1.74935	1
cg18332806	0.0586511	1.28058	1.28058	0.00479706	0.648315	-1.54246	0.938402	1.00899	1.00899	0.147215	1.19733	1.19733	3.72984	0.79194	0.188734	1
cg03732295	0.000270179	0.738548	-1.35401	0.00329518	1.22524	1.22524	0.174035	1.07613	1.07613	0.00293686	1.23031	1.23031	39.5084	1.61083	0.0362416	1
cg14234680	0.565408	0.912685	-1.09567	7.50E-05	0.322961	-3.09635	0.278159	0.837523	-1.194	0.784507	0.957818	-1.04404	10.6519	4.17051	0.348025	1
cg11562225	0.103356	0.766062	-1.30538	0.0382625	1.43218	1.43218	0.978106	0.995903	-1.00411	0.486559	0.899646	-1.11155	9.96814	3.5327	0.315022	1
cg09102447	0.426101	1.20529	1.20529	0.072653	0.631205	-1.58427	0.357112	0.804447	-1.24309	0.205033	1.35965	1.35965	3.54752	2.96586	0.743145	1
cg22912485	0.957572	1.01141	1.01141	0.0551532	0.629021	-1.58977	0.116296	1.43895	1.43895	0.227524	0.763288	-1.31012	3.40193	2.44969	0.640077	1
cg12517576	0.0104708	2.32183	2.32183	0.111237	1.57391	1.57391	0.00845107	2.40866	2.40866	0.796613	1.06985	1.06985	4.66984	5.05467	0.96214	1
cg05001908	0.415642	1.1292	1.1292	0.17051	1.23759	1.23759	0.546664	0.914766	-1.09318	0.0704385	0.744309	-1.34353	6.89893	2.33049	0.300271	1
cg07017242	0.315356	0.777068	-1.28689	0.00113626	0.312529	-3.1997	0.619992	0.885643	-1.12912	0.0369017	0.554961	-1.80193	5.3615	5.01206	0.830954	1
cg08242859	0.181877	1.19332	1.19332	0.0152384	0.689559	-1.4502	0.0111843	0.67264	-1.48668	0.316131	0.878738	-1.138	4.92965	1.2146	0.219009	1
cg18622494	0.00829121	0.733597	-1.36315	0.258947	1.11416	1.11416	0.231804	1.12199	1.12199	0.0647874	1.2097	1.2097	5.31877	0.709665	0.118601	1
cg00572684	0.019456	1.26781	1.26781	0.982903	1.0018	1.0018	0.87683	0.987056	-1.01311	0.00113985	1.49471	1.49471	6.55958	0.733077	0.0993393	1
cg14691865	0.053497	0.759863	-1.31603	0.914835	0.986694	-1.01349	0.00580015	1.57227	1.57227	0.735965	0.958506	-1.04329	5.52508	1.37207	0.220741	1
cg23031807	0.469894	0.860002	-1.16279	0.507915	0.871277	-1.14774	0.746661	1.06875	1.06875	0.0355227	1.65217	1.65217	4.90531	3.26952	0.592469	1
cg01062024	0.0806184	0.3186	-3.13873	0.00381412	0.0999666	-10.0033	0.0293114	0.219703	-4.55161	0.0305762	0.22315	-4.48129	4.45829	24.6044	4.90559	1
cg12394910	0.410381	1.31782	1.31782	0.0100286	2.9024	2.9024	0.406818	1.32073	1.32073	0.00401383	0.281588	-3.55129	13.4332	22.8647	1.51298	1
cg17581312	0.0164177	0.661754	-1.51113	0.0313705	0.700845	-1.42685	0.000399132	0.452382	-2.21052	0.794029	0.963834	-1.03752	12.1823	3.82415	0.27903	1
cg27477881	0.577864	0.923209	-1.08318	0.0152157	1.52758	1.52758	0.0118168	0.639678	-1.56329	0.0672177	0.74713	-1.33846	8.85239	2.83199	0.284367	1
cg16608291	0.000625085	0.169743	-5.89125	0.00394676	0.270586	-3.69569	0.684757	0.871449	-1.14751	0.00232353	0.238404	-4.19457	7.74574	13.9419	1.59994	1
cg20429748	0.0708762	0.444833	-2.24803	0.337038	1.4878	1.4878	0.735621	0.872814	-1.14572	0.00135816	0.154613	-6.46774	7.33041	18.7052	2.2682	1
cg16007619	0.87148	1.01889	1.01889	0.387721	0.902727	-1.10775	0.0258053	0.73641	-1.35794	0.0176844	1.39586	1.39586	6.75848	1.43017	0.188099	1
cg24714313	0.215828	0.820641	-1.21856	0.0148117	0.634457	-1.57615	0.0211182	0.656522	-1.52318	0.0121735	0.62243	-1.60661	6.25674	2.28185	0.32418	1
cg22803222	0.321202	1.21948	1.21948	0.00853823	0.522196	-1.91499	0.0351805	0.621877	-1.60803	0.353587	0.831279	-1.20297	4.95491	2.94151	0.527693	1
cg12602851	0.0282847	0.344958	-2.8989	0.0211052	0.319856	-3.12641	0.0272021	0.341515	-2.92813	0.0249387	0.333959	-2.99438	4.75353	12.7177	2.37815	1
cg25325932	0.0304235	0.252395	-3.96205	0.696761	1.23607	1.23607	0.95337	0.968849	-1.03215	0.0345883	0.263559	-3.79422	3.83559	17.7908	4.12297	1
cg13498382	0.493781	1.16946	1.16946	0.0698945	1.57864	1.57864	0.104319	1.4918	1.4918	0.421413	1.20323	1.20323	3.98408	3.20188	0.714371	1
cg12249537	0.0478746	0.456964	-2.18836	0.0911492	0.525081	-1.90447	0.0981027	1.8742	1.8742	0.113149	0.550506	-1.81651	3.75552	7.12944	1.68746	1
cg01095395	0.0199582	2.30502	2.30502	0.00241207	3.51313	3.51313	0.616134	1.16217	1.16217	0.67423	1.13394	1.13394	5.12225	7.17162	1.24452	1
cg07098168	0.618331	0.901257	-1.10956	8.31E-07	0.0655894	-15.2464	0.151708	1.37426	1.37426	0.000683042	0.341636	-2.92709	24.067	16.3309	0.603165	1
cg18932798	0.101304	0.637547	-1.56851	0.000108542	0.180648	-5.53564	0.35494	0.787613	-1.26966	0.526398	1.17474	1.17474	6.4992	6.47888	0.88611	1
cg17567560	0.200882	1.55238	1.55238	0.00790858	0.329896	-3.03126	0.0149534	0.377524	-2.64884	0.120858	0.578317	-1.72916	5.2973	8.89186	1.49206	1
cg24680586	0.312473	0.62048	-1.61165	0.452976	1.41797	1.41797	0.42574	1.44995	1.44995	0.8413	1.0959	1.0959	4.97804	16.4508	2.93749	1
cg05636881	0.121228	0.634529	-1.57597	0.0024274	0.318908	-3.1357	0.0392465	0.524242	-1.90752	0.514626	1.1959	1.1959	4.89498	5.68195	1.0318	1
cg00824018	0.0903236	0.599685	-1.66754	0.229407	0.707843	-1.41274	0.0958869	0.605894	-1.65045	0.0301096	2.01129	2.01129	4.70885	5.59794	1.05672	1
cg03536320	0.0136092	1.16717	1.16717	1.11E-05	1.60594	1.60594	0.000239655	1.36055	1.36055	0.000330914	1.34108	1.34108	30.079	1.22158	0.0361001	1
cg03605365	0.00117998	0.341489	-2.92835	0.0685523	0.631032	-1.58471	0.531024	1.15407	1.15407	0.000824493	0.320578	-3.11936	14.9748	12.0931	0.717833	1
cg10704177	0.827746	0.958875	-1.04289	0.882648	1.02887	1.02887	0.310169	0.816792	-1.2243	0.0611572	0.66591	-1.5017	13.9289	8.1924	0.522806	1
cg10139846	0.0157803	0.663953	-1.50613	0.0632924	1.33534	1.33534	0.137894	1.24759	1.24759	0.0150244	1.51268	1.51268	7.17155	2.17754	0.269899	1
cg04914562	0.123778	0.488565	-2.04681	0.0129031	0.265421	-3.76761	0.833147	0.913337	-1.09489	0.190334	0.551036	-1.81476	3.92198	11.4693	2.59944	1
cg08714311	0.607721	1.16783	1.16783	0.0865136	1.76363	1.76363	0.0824209	0.561877	-1.77975	0.0817325	0.560994	-1.78255	3.66632	5.21367	1.26404	1
cg18274735	0.82911	1.04988	1.04988	0.0276281	1.79753	1.79753	0.729444	1.08132	1.08132	0.36386	0.810487	-1.23383	3.55944	2.85832	0.713799	1
cg11812662	0.0720957	0.367055	-2.72439	0.0138659	0.219142	-4.56325	0.146821	0.459598	-2.17582	0.0353004	0.294091	-3.40031	3.51015	13.8569	3.50905	1
cg08111106	0.801908	0.919199	-1.0879	0.000235888	0.108192	-9.24286	0.0108083	0.328626	-3.04298	0.446795	1.29767	1.29767	9.2187	14.2628	1.35376	1
cg19425528	0.09928	0.811464	-1.23234	0.000698006	1.8183	1.8183	0.357754	0.896417	-1.11555	0.0172974	0.715177	-1.39826	6.00819	1.27206	0.188196	1
cg08001603	0.157707	0.691677	-1.44576	0.00320709	0.374694	-2.66885	0.0273623	1.89076	1.89076	0.0589964	1.68258	1.68258	5.44285	5.13316	0.838312	1
cg12100506	0.148666	1.31147	1.31147	0.0080497	1.84386	1.84386	0.561535	1.10718	1.10718	0.560039	1.10762	1.10762	5.33447	2.47979	0.361559	1
cg18939077	0.39601	1.16508	1.16508	0.330623	1.19299	1.19299	0.226349	1.2502	1.2502	0.22019	1.25433	1.25433	6.85471	3.35461	0.435011	1
cg09578319	0.336511	1.34825	1.34825	0.0629238	0.532124	-1.87926	0.0483609	1.97425	1.97425	0.0898083	1.75747	1.75747	3.83123	5.51707	1.28002	1
cg17578717	0.900616	0.981484	-1.01886	0.00824485	1.65772	1.65772	0.0107757	1.61479	1.61479	0.0365215	1.4384	1.4384	12.1653	4.31133	0.315019	1
cg09307264	0.29296	0.835744	-1.19654	0.619085	0.920878	-1.08592	0.749374	0.948651	-1.05413	0.0243085	1.55505	1.55505	3.60656	1.54507	0.380805	1
cg13883397	0.0190895	0.542518	-1.84326	0.0409684	0.601408	-1.66276	0.0800336	1.51996	1.51996	0.424248	0.838682	-1.19235	16.5821	12.2042	0.654209	1
cg15603226	0.00661778	0.763393	-1.30994	0.00306611	0.733059	-1.36415	0.300892	1.08556	1.08556	0.00388352	1.34693	1.34693	9.73671	0.90455	0.0825786	1
cg23663298	0.00828601	0.188681	-5.29996	0.00557389	0.165518	-6.04164	0.104558	0.416228	-2.40253	0.0332845	0.292534	-3.41841	6.36941	24.6219	3.43614	1
cg05316520	0.156232	1.2157	1.2157	0.00282176	0.58877	-1.69846	0.646209	1.06133	1.06133	0.0445219	1.34595	1.34595	5.83437	1.53233	0.233457	1
cg15341750	0.959937	0.990057	-1.01004	0.00020881	0.291049	-3.43584	0.697449	1.08082	1.08082	0.0507292	0.642215	-1.55711	5.80479	3.63814	0.557109	1
cg17677402	0.608079	0.847982	-1.17927	0.00189336	0.245728	-4.06954	0.872795	1.05241	1.05241	0.0375605	0.463393	-2.15799	3.73189	6.00686	1.43076	1
cg27072561	0.0267168	0.589663	-1.69588	0.142002	0.727867	-1.37388	0.932118	0.983005	-1.01729	0.202816	0.76299	-1.31063	4.78972	3.0709	0.569905	1
cg06913629	0.0421598	0.382746	-2.6127	0.00241184	0.176619	-5.6619	0.978717	1.011	1.011	0.156796	0.537248	-1.86134	4.62711	12.3339	2.36939	1
cg26747413	0.0138517	0.426593	-2.34416	0.000194804	0.17277	-5.78803	0.231393	0.703533	-1.4214	0.0200102	0.455519	-2.1953	11.3955	14.1621	1.10469	1
cg23343291	0.408374	1.12942	1.12942	0.955169	0.991942	-1.00812	0.000906606	2.04271	2.04271	0.00242228	1.83634	1.83634	14.7755	4.8471	0.2916	1
cg24404909	0.0489631	1.2149	1.2149	0.00234397	1.44445	1.44445	0.000338538	1.64893	1.64893	0.461876	1.06701	1.06701	14.3651	1.70588	0.105557	1
cg00816970	0.00914597	0.552802	-1.80897	0.0357325	1.54892	1.54892	0.191563	1.28089	1.28089	0.562239	1.11061	1.11061	13.805	7.00914	0.451311	1
cg05018513	0.444121	1.22788	1.22788	0.0182372	0.47045	-2.12562	0.0622213	0.575589	-1.73735	0.938972	0.980053	-1.02035	11.5052	12.616	0.974714	1
cg22090592	0.0742908	1.51624	1.51624	0.0110018	0.512918	-1.94963	0.0386467	1.65081	1.65081	0.0919112	0.678185	-1.47452	10.6072	7.35868	0.616663	1
cg18519050	0.00787485	2.05665	2.05665	0.00085756	2.88343	2.88343	0.00363233	2.29869	2.29869	0.0101137	1.98633	1.98633	9.45245	6.69702	0.629774	1
cg26212352	0.337083	1.14735	1.14735	0.108344	1.27542	1.27542	0.439389	1.11575	1.11575	0.554125	1.08666	1.08666	6.58506	2.0117	0.271551	1
cg12950382	0.0101447	0.426528	-2.34451	0.0250619	0.496415	-2.01444	0.000281857	0.210199	-4.7574	0.149943	0.666599	-1.50015	6.55669	7.16968	0.971991	1
cg11290775	0.0907492	1.35114	1.35114	0.291215	1.19349	1.19349	0.14467	1.28791	1.28791	0.659527	1.07423	1.07423	5.06513	2.09236	0.367192	1
cg02878289	0.836856	1.05755	1.05755	0.95168	1.01658	1.01658	0.337312	0.764558	-1.30795	0.210683	0.69912	-1.43037	4.96429	5.79069	1.03686	1
cg02918593	0.019165	3.13924	3.13924	0.0562188	0.417812	-2.39342	0.0462214	2.51381	2.51381	0.0701586	2.26393	2.26393	4.88847	12.6126	2.29339	1
cg27286011	0.299225	0.908584	-1.10061	0.000126287	1.81251	1.81251	2.71E-06	2.73197	2.73197	0.0534866	1.21583	1.21583	41.0265	5.15897	0.111775	1
cg06611606	0.259512	0.962148	-1.03934	4.86E-06	0.710012	-1.40843	0.348467	0.968831	-1.03217	1.47E-06	0.669714	-1.49317	36.8809	0.628586	0.0151499	1
cg16147932	0.000272071	3.09022	3.09022	0.00328193	2.13303	2.13303	0.00404497	2.07492	2.07492	4.09E-05	4.39033	4.39033	18.7063	10.5917	0.5033	1
cg11730703	0.0410581	0.666969	-1.49932	0.00200232	2.11555	2.11555	0.0373221	1.51467	1.51467	0.0136239	1.68932	1.68932	10.7286	5.01532	0.415529	1
cg23045371	0.209353	1.39532	1.39532	0.0011443	3.33299	3.33299	0.00216316	2.95601	2.95601	0.0445508	1.78736	1.78736	6.77478	6.80093	0.89232	1
cg05975654	0.0125854	2.02051	2.02051	0.0266079	0.551203	-1.81421	0.644051	0.899907	-1.11123	0.0445177	1.68703	1.68703	4.05192	3.29724	0.723331	1
cg18425377	0.538093	0.834394	-1.19847	0.0135437	2.42888	2.42888	0.971121	1.01057	1.01057	0.925646	0.973255	-1.02748	3.98534	5.32366	1.18739	1
cg18447460	0.583651	1.04191	1.04191	0.904585	0.991145	-1.00893	0.00212996	0.726044	-1.37733	0.509525	0.951585	-1.05088	3.73945	0.325815	0.077448	1
cg04698974	0.372943	1.16606	1.16606	0.00225004	0.487594	-2.05089	0.40397	1.15423	1.15423	0.482161	1.12748	1.12748	3.73282	1.66785	0.397161	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17331554	INF2;INF2;INF2	0.047428	0.441434	1.14904	1.14904	0.00904315	1.79903	1.79903	0.0228747	0.617621	-1.61911	0.429259	0.866915	-1.15352	0.433342	0.868053	-1.152
cg00642468	ING1;ING1;ING1	0.00174186	0.900111	1.01057	1.01057	0.00120105	0.672043	-1.488	0.00620091	0.741605	-1.34843	0.0174768	1.2742	1.2742	0.0108649	0.764991	-1.3072
cg15841412	ING1;ING1;ING1	0.00887334	0.964331	0.986053	-1.01414	0.371181	1.3343	1.3343	0.606206	1.17742	1.17742	0.244258	0.682069	-1.46613	0.00225337	0.261105	-3.82988
cg01834010	ING1;ING1;ING1	0.010049	0.760569	1.26023	1.26023	0.109992	3.73715	3.73715	0.227994	2.60541	2.60541	0.494541	0.591595	-1.69035	0.615938	1.46628	1.46628
cg18288666	ING1;ING1;ING1	0.0391505	0.582052	1.12202	1.12202	0.202605	1.32128	1.32128	0.50015	1.15229	1.15229	0.26152	1.27444	1.27444	0.235346	1.2938	1.2938
cg06900546	ING1;ING1;ING1;ING1	5.58E-07	6.24E-05	0.57092	-1.75156	0.00209322	1.38943	1.38943	0.00705648	0.767543	-1.30286	0.0110235	0.78485	-1.27413	6.72E-09	0.157129	-6.36421
cg01314691	ING1;ING1;ING1;ING1	0.00103987	0.30893	0.795745	-1.25668	0.988892	1.00303	1.00303	0.911883	0.976267	-1.02431	0.000693683	0.325269	-3.07438	0.303133	0.793401	-1.2604
cg02550602	ING1;ING1;ING1;ING1	0.0131721	0.0261412	0.718823	-1.39116	0.961637	1.00604	1.00604	0.367907	0.890736	-1.12267	0.749661	0.960741	-1.04086	0.180431	1.19475	1.19475
cg18820914	ING1;ING1;ING1;ING1	0.0162785	0.0652461	0.418959	-2.38687	0.0588843	0.407872	-2.45175	0.217172	0.579385	-1.72597	0.232702	0.590938	-1.69223	0.0178741	0.298202	-3.35343
cg02656441	ING1;ING1;ING1;ING1	0.017628	0.0138617	3.07086	3.07086	0.477033	1.295	1.295	0.343485	1.41854	1.41854	0.00225739	5.00801	5.00801	0.689532	0.866469	-1.15411
cg20524211	ING1;ING1;ING1;ING1;ING1	0.00230721	0.134269	0.733752	-1.36286	0.748669	1.06357	1.06357	0.181314	1.31267	1.31267	0.383782	0.842639	-1.18675	0.606721	0.905247	-1.10467
cg02570593	ING1;ING1;ING1;ING1;ING1	0.0150515	0.635154	0.915933	-1.09178	0.116307	1.36825	1.36825	0.00339711	2.07838	2.07838	0.888754	0.974615	-1.02605	0.94665	0.987781	-1.01237
cg04687337	ING2	0.00159574	0.00257301	0.171836	-5.81951	0.00158171	0.147863	-6.76301	0.026263	0.329303	-3.03671	0.814918	1.10386	1.10386	0.0369607	0.360259	-2.77578
cg04551271	ING2	0.00512311	0.000919961	0.169034	-5.91597	0.0915523	0.513235	-1.94842	0.00295588	0.23109	-4.32732	0.0849621	0.504668	-1.9815	0.0207713	0.368138	-2.71637
cg21940830	ING2	0.0136915	0.260371	0.918879	-1.08828	0.0131675	0.801306	-1.24796	0.0692388	0.86374	-1.15776	0.00340729	0.750643	-1.33219	0.00353389	0.752028	-1.32974
cg11178170	ING2	0.0159622	0.961059	0.987107	-1.01306	0.0584998	1.76492	1.76492	0.133969	1.53656	1.53656	0.416463	1.24697	1.24697	0.268331	1.35856	1.35856
cg16420530	ING2	0.0221561	0.725608	1.03669	1.03669	0.0772089	1.22254	1.22254	0.256907	1.12864	1.12864	0.10848	1.19609	1.19609	0.386757	0.913261	-1.09498
cg10348863	ING2	0.0224639	0.779147	1.03764	1.03764	0.125713	0.804307	-1.24331	0.335857	0.877723	-1.13931	0.938763	1.01015	1.01015	0.0725871	1.30119	1.30119
cg14865309	ING2	0.022751	0.00106525	0.43839	-2.28107	0.580528	0.909229	-1.09983	0.495159	0.88862	-1.12534	0.653953	1.07996	1.07996	0.0613959	0.698167	-1.43232
cg27037990	ING2	0.0471672	0.0630257	1.43477	1.43477	0.300438	1.2035	1.2035	0.457197	1.13963	1.13963	0.964693	0.992388	-1.00767	0.631759	0.920024	-1.08693
cg10268125	ING3;ING3	0.00478636	0.0490318	1.25597	1.25597	0.346638	1.10328	1.10328	0.000233899	1.85677	1.85677	0.0948034	1.20466	1.20466	0.506662	0.933953	-1.07072
cg19478983	ING3;ING3	0.0164544	0.155853	0.797577	-1.2538	0.00627048	1.69977	1.69977	0.764014	1.04587	1.04587	0.256197	1.19309	1.19309	0.18506	0.811093	-1.2329
cg16130600	ING3;ING3	0.0210405	0.397819	1.08359	1.08359	0.00548577	1.40301	1.40301	0.0123235	1.3351	1.3351	0.0495452	1.23096	1.23096	0.0143256	1.32316	1.32316
cg10476989	ING3;ING3	0.0318923	0.356665	0.823826	-1.21385	0.0576621	1.55083	1.55083	0.122292	0.710114	-1.40823	0.538854	1.13564	1.13564	0.00463291	0.463006	-2.1598
cg09612423	ING3;ING3	0.0402143	0.312532	0.83869	-1.19234	0.314163	0.83922	-1.19158	0.474157	1.1304	1.1304	0.0119862	0.589894	-1.69522	0.00576323	0.543753	-1.83907
cg01416111	ING3;ING3;ING3;ING3	0.0491606	0.40591	1.25499	1.25499	0.02354	0.485552	-2.05951	0.0368392	0.523237	-1.91118	0.624083	0.876394	-1.14104	0.891617	0.964238	-1.03709
cg24494338	ING4;ING4;ING4;ING4;ING4;ING4	1.28E-05	2.77E-06	0.0646159	-15.4761	0.000244614	0.228385	-4.37857	0.000378441	0.250656	-3.98954	2.32E-05	0.127294	-7.85586	2.05E-06	0.057857	-17.284
cg27116036	ING4;ING4;ING4;ING4;ING4;ING4	0.000335475	0.373783	1.36962	1.36962	0.0658759	2.08556	2.08556	0.00584593	3.9229	3.9229	0.0237637	0.373532	-2.67715	0.65735	1.16498	1.16498
cg08733494	ING4;ING4;ING4;ING4;ING4;ING4	0.0126988	?	?	?	0.0234521	7.38489	7.38489	0.00871611	0.0847002	-11.8063	0.00617343	0.0714935	-13.9873	0.749611	1.26681	1.26681
cg00242526	ING5	4.98E-06	0.0153102	0.727155	-1.37522	0.00115982	1.66636	1.66636	4.13E-07	0.213951	-4.67396	0.00139032	0.609056	-1.64188	0.000117604	0.48596	-2.05778
cg20518810	ING5	0.000141966	0.000311084	0.521364	-1.91805	0.00933387	1.44361	1.44361	0.0340851	0.759278	-1.31704	0.0497309	1.28306	1.28306	0.709786	0.95923	-1.0425
cg22077686	ING5	0.00159254	0.450149	0.864274	-1.15704	0.0073482	1.92509	1.92509	0.268847	0.803886	-1.24396	0.313381	1.21855	1.21855	0.0291082	0.614173	-1.62821
cg24738655	ING5	0.00159771	0.000569814	0.20471	-4.88496	0.0798206	1.78209	1.78209	0.00202101	0.274077	-3.64861	0.907637	0.966091	-1.0351	0.000215744	0.159556	-6.26739
cg06771275	ING5	0.00199193	0.00138257	0.49404	-2.02413	0.0323073	1.46395	1.46395	0.751819	0.952904	-1.04942	0.000615591	2.22958	2.22958	0.0986425	1.31701	1.31701
cg12508715	ING5	0.00719188	0.963208	1.00857	1.00857	0.00471916	2.00201	2.00201	0.100519	1.39466	1.39466	0.695454	1.07545	1.07545	0.36829	0.842933	-1.18633
cg04122744	ING5	0.00724949	0.270845	0.75934	-1.31693	0.000516796	3.6726	3.6726	0.127931	0.673523	-1.48473	0.0273861	0.534339	-1.87147	0.0587962	0.598955	-1.66957
cg20896437	ING5	0.00754411	0.00222913	0.270531	-3.69643	0.00831874	0.357164	-2.79983	0.111987	0.589628	-1.69599	0.435807	0.784523	-1.27466	0.00508042	0.32287	-3.09722
cg10459029	ING5	0.00969721	0.573675	0.91924	-1.08785	0.515953	0.907047	-1.10248	0.0567167	1.37639	1.37639	0.839996	1.0304	1.0304	0.052441	1.38635	1.38635
cg00994876	ING5	0.0111238	0.0027434	0.382985	-2.61107	0.00400602	0.40743	-2.45441	0.0245851	0.53706	-1.86199	0.81135	1.05709	1.05709	0.754321	1.07561	1.07561
cg19674232	ING5	0.0186351	0.532401	0.920551	-1.08631	0.70281	1.05146	1.05146	0.279426	0.863121	-1.15859	0.960904	1.00644	1.00644	0.339427	1.13757	1.13757
cg15141204	ING5	0.0264077	0.0480946	0.635287	-1.57409	0.00172627	0.407453	-2.45427	0.710579	0.927881	-1.07772	0.803415	0.951147	-1.05136	0.0162854	0.554361	-1.80388
cg15561235	ING5	0.031261	0.0286618	0.154945	-6.45392	0.629355	1.42093	1.42093	0.328788	2.07115	2.07115	0.25537	0.424098	-2.35795	0.0154605	0.116937	-8.55165
cg06202667	ING5	0.031919	0.841753	0.945765	-1.05735	0.0667996	0.563693	-1.77401	0.0280339	0.484852	-2.06249	0.364695	1.2967	1.2967	0.00199846	0.29611	-3.37712
cg03000844	ING5	0.0391297	0.0216582	0.762773	-1.31101	0.605889	1.05245	1.05245	0.24904	0.888399	-1.12562	0.159337	0.862677	-1.15918	0.242206	1.12774	1.12774
cg13140981	ING5	0.0440254	0.247959	0.688073	-1.45333	0.893618	1.04228	1.04228	0.648994	0.867759	-1.15239	0.242222	1.46061	1.46061	0.00141783	0.239424	-4.17668
cg17148467	ING5;ING5	0.00108464	1.74E-05	0.169033	-5.91602	0.421511	0.847104	-1.18049	0.520139	1.14081	1.14081	0.498465	1.14897	1.14897	0.0359213	0.610683	-1.63751
cg05305760	INGX;BCYRN1	0.040515	0.00321379	0.0733606	-13.6313	0.896591	0.918996	-1.08814	0.502526	0.642697	-1.55594	0.439655	1.66864	1.66864	0.215301	0.428569	-2.33334
cg09918469	INHA;OBSL1	0.0186166	0.422763	0.855517	-1.16888	0.744081	1.06442	1.06442	0.498226	0.877184	-1.14001	0.314742	0.820268	-1.21911	0.935309	0.984648	-1.01559
cg22472148	INHA;OBSL1	0.0308568	0.014711	0.665281	-1.50313	0.879332	0.979591	-1.02083	0.88643	1.01959	1.01959	0.808578	0.967594	-1.03349	0.00348978	0.583952	-1.71247
cg11079619	INHBA;LOC285954;INHBA;LOC285954	0.00068469	0.00461044	0.438806	-2.27891	0.909618	0.975495	-1.02512	0.0236683	0.554237	-1.80428	0.0906432	0.665453	-1.50274	0.000895798	0.337439	-2.9635
cg09138133	INHBA;LOC285954;LOC285954	0.00105631	0.00801743	0.358454	-2.78976	0.179348	0.650042	-1.53836	0.00390237	0.309343	-3.23266	0.0683142	0.539904	-1.85218	0.00109794	0.233715	-4.27872
cg15291905	INHBA;LOC285954;LOC285954	0.00274094	0.00242505	0.262818	-3.80492	0.576059	0.836282	-1.19577	0.0281103	0.440075	-2.27234	0.00691723	0.330778	-3.02317	0.0102621	0.359174	-2.78417
cg18676273	INHBA;LOC285954;LOC285954	0.0386816	0.0143142	0.348183	-2.87206	0.0301717	0.410445	-2.43638	0.0552882	0.468154	-2.13605	0.410733	0.745389	-1.34158	0.0274151	0.401949	-2.48788
cg05877565	INHBA;LOC285954;LOC285954	0.0494722	0.0893416	0.526509	-1.8993	0.00474629	0.276864	-3.61188	0.0336792	0.42764	-2.33841	0.120739	1.77936	1.77936	0.28356	0.682823	-1.46451
cg02173749	INHBB	6.71E-06	0.399598	0.779655	-1.28262	7.41E-06	17.2742	17.2742	0.000808211	0.232521	-4.30068	0.314191	1.35045	1.35045	0.362749	1.30997	1.30997
cg24617696	INHBB	1.64E-05	0.595878	0.875239	-1.14255	9.12E-05	5.70207	5.70207	0.172681	1.43522	1.43522	0.342511	0.783892	-1.27569	0.047077	0.56792	-1.76081
cg03699182	INHBB	0.000114914	0.259339	0.604481	-1.65431	0.000595373	9.65474	9.65474	0.15447	0.520997	-1.9194	0.866296	0.930451	-1.07475	0.118502	0.484339	-2.06467
cg25501422	INHBB	0.000802578	0.00117311	0.443096	-2.25685	0.000101221	0.308085	-3.24586	0.000381316	0.379233	-2.6369	0.00205631	0.476125	-2.10029	0.00189243	0.47119	-2.12229
cg08065733	INHBB	0.00103518	0.00138219	0.430431	-2.32325	0.522906	1.1249	1.1249	0.00395762	0.494377	-2.02275	0.145262	1.32882	1.32882	0.000351278	0.35203	-2.84067
cg20925841	INHBB	0.013709	0.301148	0.513497	-1.94743	0.0315007	4.80298	4.80298	0.577758	1.41886	1.41886	0.42468	1.66067	1.66067	0.104364	0.331371	-3.01777
cg26035105	INHBB	0.0146659	0.0327072	0.1784	-5.60537	0.000459891	0.022284	-44.8753	0.0254177	0.160024	-6.24906	0.090593	0.276331	-3.61885	0.0186135	0.139756	-7.15535
cg06342317	INHBB	0.0230381	0.0404233	0.433963	-2.30434	0.00114776	0.185342	-5.39542	0.0067019	0.289327	-3.4563	0.11857	0.550164	-1.81764	0.0664891	0.483958	-2.0663
cg13377839	INHBB	0.0283221	0.00749383	0.704398	-1.41965	0.0236273	0.759499	-1.31666	0.571312	0.943424	-1.05997	0.667744	1.04494	1.04494	0.0721044	0.815175	-1.22673
cg11436087	INHBC	0.000250597	1.86E-05	0.323134	-3.0947	0.0990149	1.26417	1.26417	0.067252	1.30448	1.30448	0.0505766	1.33478	1.33478	0.318904	0.875018	-1.14283
cg12486635	INHBC	0.0105326	0.242904	0.554294	-1.8041	0.214148	0.53178	-1.88048	0.0636767	0.365435	-2.73647	0.0358984	0.307706	-3.24986	0.00232938	0.128382	-7.78925
cg22667391	INHBC	0.0289973	0.784915	0.87693	-1.14034	0.614971	0.783905	-1.27567	0.0022905	0.129161	-7.74226	0.444726	0.687971	-1.45355	0.278841	0.582442	-1.71691
cg10171332	INHBC	0.0305651	0.0151742	0.444592	-2.24925	0.158707	0.664043	-1.50593	0.00442238	0.356173	-2.80762	0.63424	1.13911	1.13911	0.0173592	0.455073	-2.19745
cg03399971	INHBC	0.0332494	0.010731	2.2886	2.2886	0.233566	1.38059	1.38059	0.125366	1.53472	1.53472	0.380576	1.26144	1.26144	0.846317	0.951126	-1.05139
cg22630748	INHBE	0.0439522	0.208123	0.636827	-1.57028	0.262129	1.48822	1.48822	0.580325	0.827046	-1.20912	0.240576	0.658514	-1.51857	0.483137	0.784791	-1.27422
cg18589624	INMT	0.000554295	0.0576568	0.617287	-1.61999	0.147115	0.704929	-1.41858	0.0802805	0.646575	-1.54661	0.14392	0.702682	-1.42312	7.42E-06	0.108858	-9.18624
cg15270970	INMT	0.00208424	0.872032	1.02904	1.02904	0.050683	1.485	1.485	0.00686759	1.86191	1.86191	0.0152345	0.589043	-1.69767	0.00170827	0.451422	-2.21522
cg21598047	INO80	0.000397775	0.0431846	0.588876	-1.69815	0.000791745	3.17171	3.17171	0.0168022	0.514653	-1.94306	0.00939128	2.11642	2.11642	0.00308539	2.51438	2.51438
cg00470768	INO80	0.00286101	0.273374	1.13769	1.13769	0.87342	0.982119	-1.01821	0.0120396	0.701602	-1.42531	0.936524	0.991027	-1.00905	0.00328703	0.635542	-1.57346
cg26409855	INO80	0.00558445	0.00712765	0.719879	-1.38912	0.0864138	1.19618	1.19618	0.407669	0.923028	-1.08339	0.588067	1.05308	1.05308	0.0221531	0.771524	-1.29614
ch.15.415980F	INO80	0.00809305	0.350771	0.791721	-1.26307	0.0087954	2.25088	2.25088	0.00427235	2.53344	2.53344	?	?	?	0.447445	0.828376	-1.20718
cg03713668	INO80	0.00889959	0.720118	0.906726	-1.10287	0.00886881	2.47555	2.47555	0.312826	0.752679	-1.32859	0.896717	0.965274	-1.03598	0.105334	0.61782	-1.61859
cg26387956	INO80	0.0114061	0.000256515	0.19586	-5.10568	0.321901	1.31939	1.31939	0.59462	1.15659	1.15659	0.874724	1.04366	1.04366	0.454807	0.813667	-1.229
cg09899535	INO80	0.0261705	0.495601	0.820851	-1.21825	0.136878	0.633062	-1.57962	0.936007	0.97735	-1.02318	0.216897	0.690249	-1.44875	0.0022238	0.29448	-3.39582
cg05132222	INO80	0.0435797	0.0244997	0.309781	-3.22808	0.0470009	0.369987	-2.70279	0.206023	0.558001	-1.79211	0.206622	0.558478	-1.79058	0.00238769	0.157011	-6.36899
cg14366939	INO80B	3.09E-07	0.228001	1.18266	1.18266	0.0257491	0.698944	-1.43073	0.0257322	1.43081	1.43081	0.00028275	0.428189	-2.33542	0.229955	1.18174	1.18174
cg17988524	INO80B	0.00148655	0.028905	0.705899	-1.41663	0.0871999	0.774659	-1.29089	0.201116	0.833152	-1.20026	0.000955281	0.514036	-1.94539	0.00297566	0.576343	-1.73508
cg11376913	INO80B	0.0190233	?	?	?	0.582065	1.40014	1.40014	?	?	?	0.00152558	0.0277897	-35.9846	0.865468	1.10746	1.10746
cg07023902	INO80B	0.0195163	0.827259	0.908855	-1.10029	0.00233046	0.140369	-7.12406	0.0535395	2.65907	2.65907	0.367761	1.50102	1.50102	0.792359	1.12231	1.12231
cg03309722	INO80B	0.0319671	0.0547343	0.349051	-2.86491	0.00760878	0.190539	-5.24827	0.039181	0.315742	-3.16714	0.333939	0.617916	-1.61834	0.0309168	0.294028	-3.40103
cg26447968	INO80B;INO80B	0.0138467	0.00590774	0.14291	-6.99742	0.0461424	0.353644	-2.82771	0.696262	1.16508	1.16508	0.00412568	0.116689	-8.56982	0.0113617	0.19886	-5.02867
cg27318281	INO80C;INO80C	0.00700242	0.846195	0.974094	-1.02659	0.50066	1.09679	1.09679	0.0324054	0.712825	-1.40287	0.976624	1.00397	1.00397	0.00105086	0.519347	-1.92549
cg22151773	INO80C;INO80C	0.00728107	0.0166941	0.370644	-2.698	0.887758	0.953162	-1.04914	0.0442241	0.45608	-2.1926	0.0944394	1.86724	1.86724	0.0829229	0.520904	-1.91974
cg18767920	INO80C;INO80C	0.0171377	0.93165	0.971391	-1.02945	0.421479	0.757399	-1.32031	0.170693	0.610399	-1.63827	0.0686283	1.99305	1.99305	0.00058667	0.165696	-6.03516
cg21703682	INO80C;INO80C	0.0201995	0.00265047	3.4451	3.4451	0.61589	0.860306	-1.16238	0.686789	1.12815	1.12815	0.120318	0.605779	-1.65077	0.331423	1.34728	1.34728
cg19041079	INO80C;INO80C	0.0370415	0.299439	0.458774	-2.17972	0.780892	0.817899	-1.22265	0.00958795	11.6482	11.6482	0.0568962	0.205304	-4.87081	0.0346014	0.162159	-6.1668
cg23811476	INO80C;INO80C	0.044296	?	?	?	0.0341833	8.43673	8.43673	?	?	?	0.0193764	0.0778174	-12.8506	0.365481	0.502462	-1.9902
cg16595745	INO80D	0.000760158	0.0530637	0.657123	-1.52179	0.000223753	0.309373	-3.23235	0.0683686	0.677203	-1.47666	0.0933284	0.702865	-1.42275	0.000154471	0.289851	-3.45005
cg27107363	INO80D	0.00104663	0.121311	0.756413	-1.32203	2.18E-05	4.12987	4.12987	0.0612041	1.41989	1.41989	0.655139	1.07757	1.07757	0.378967	0.860701	-1.16184
cg06470936	INO80D	0.00880737	0.0255358	0.447903	-2.23262	0.00169544	0.257355	-3.88568	0.385222	0.763799	-1.30925	0.652771	1.14692	1.14692	0.00240902	0.278203	-3.59449
cg01629231	INO80D	0.0214307	0.531864	1.08465	1.08465	0.00393392	1.64523	1.64523	0.0235124	1.41507	1.41507	0.158489	0.824115	-1.21342	0.248833	1.16729	1.16729
cg00738085	INO80D	0.0387546	0.00167751	0.547181	-1.82755	0.8686	1.02247	1.02247	0.769514	1.04023	1.04023	0.985681	1.00241	1.00241	0.907278	0.984482	-1.01576
cg04647948	INO80D	0.0483368	0.329289	0.809878	-1.23475	0.141982	0.718441	-1.3919	0.71809	1.07889	1.07889	0.615536	0.899378	-1.11188	0.0347473	0.597208	-1.67446
cg01380373	INO80E	1.35E-06	3.41E-07	0.224454	-4.45526	2.83E-06	0.321593	-3.10952	0.000214279	0.535095	-1.86883	0.633512	1.04979	1.04979	0.00111046	0.615023	-1.62596
cg04436971	INO80E	0.0146108	0.0147113	0.400105	-2.49934	0.409517	1.29346	1.29346	0.82759	0.935624	-1.06881	0.885868	0.957131	-1.04479	0.00349347	0.298531	-3.34974
cg02492205	INO80E	0.0470173	0.0173963	0.0551451	-18.134	0.360057	2.56421	2.56421	0.469279	0.478661	-2.08916	0.744631	0.721031	-1.3869	0.00895589	0.0359092	-27.848
cg09245872	INO80E;DOC2A	0.0356287	0.0252375	0.479819	-2.08412	0.497483	0.826884	-1.20936	0.287439	0.737263	-1.35637	0.949911	0.982812	-1.01749	0.00826319	0.393735	-2.53978
cg04914231	INO80E;HIRIP3	0.0427832	0.122312	0.727256	-1.37503	0.306843	0.81775	-1.22287	0.0594259	1.49882	1.49882	0.928702	0.983123	-1.01717	0.0214467	0.591234	-1.69138
cg05634052	INO80E;INO80E;HIRIP3	0.0132845	0.0300078	0.69017	-1.44892	0.0575388	0.731971	-1.36617	0.19191	0.818178	-1.22223	0.941477	1.01072	1.01072	0.76702	0.957757	-1.04411
cg20016569	INPP1;INPP1	0.00240433	0.812125	0.967369	-1.03373	0.000344022	0.448082	-2.23174	0.25032	0.845885	-1.18219	0.370033	0.879625	-1.13685	0.181893	1.21826	1.21826
cg03345805	INPP1;INPP1	0.00261044	0.11447	1.23225	1.23225	0.000254518	2.08148	2.08148	0.0668862	0.778887	-1.28388	0.00167937	1.72697	1.72697	0.621583	1.0624	1.0624
cg05963740	INPP1;INPP1	0.00620036	0.913074	1.04552	1.04552	0.000606907	8.62279	8.62279	0.00402258	4.83232	4.83232	0.0332198	2.7587	2.7587	0.671174	1.19016	1.19016
cg01275697	INPP4A;INPP4A;INPP4A	0.0434643	0.0757254	0.28608	-3.49553	0.719955	1.25598	1.25598	0.247548	0.465159	-2.1498	0.999688	0.999752	-1.00025	0.0229623	0.178681	-5.59658
cg20715291	INPP4A;INPP4A;INPP4A;INPP4A	0.00116216	0.000187825	0.278349	-3.59262	0.000802116	0.358111	-2.79243	0.000833704	0.360348	-2.7751	0.088374	0.682786	-1.46459	0.00060949	0.342376	-2.92077
cg04725743	INPP4A;INPP4A;INPP4A;INPP4A	0.00277192	0.105415	0.486477	-2.0556	0.775725	0.890167	-1.12339	0.700123	0.854158	-1.17074	8.98E-05	0.0576039	-17.3599	?	?	?
cg22526076	INPP4A;INPP4A;INPP4A;INPP4A	0.00443856	0.0156994	0.29446	-3.39604	0.0131198	0.2808	-3.56126	0.013146	0.280949	-3.55936	0.217237	0.585071	-1.70919	0.00275584	0.1817	-5.50359
cg13757409	INPP4A;INPP4A;INPP4A;INPP4A	0.00704382	0.484861	1.0728	1.0728	0.0168368	1.33474	1.33474	0.0839711	1.20841	1.20841	0.0396909	1.2655	1.2655	0.048731	0.800233	-1.24964
cg12411965	INPP4A;INPP4A;INPP4A;INPP4A	0.00979256	0.743508	1.06667	1.06667	0.268171	0.797158	-1.25446	0.0830202	0.685743	-1.45827	0.49742	1.14501	1.14501	0.0107259	0.532454	-1.8781
cg21532760	INPP4A;INPP4A;INPP4A;INPP4A	0.0160436	0.925093	1.03416	1.03416	0.0319601	2.45388	2.45388	0.0164709	2.84819	2.84819	0.512068	0.788598	-1.26807	0.00250062	0.223102	-4.48225
cg13094511	INPP4A;INPP4A;INPP4A;INPP4A	0.0189088	0.673678	0.962118	-1.03937	0.449863	0.9322	-1.07273	0.408111	0.925751	-1.0802	0.530831	1.0596	1.0596	0.403115	0.924952	-1.08114
cg14579157	INPP4A;INPP4A;INPP4A;INPP4A	0.0229245	0.23135	1.2353	1.2353	0.0174539	0.614436	-1.62751	0.121328	1.32674	1.32674	0.0443525	1.4751	1.4751	0.991095	0.998123	-1.00188
cg05059031	INPP4A;INPP4A;INPP4A;INPP4A	0.0365099	0.340856	0.845837	-1.18226	0.294063	1.20399	1.20399	0.0689182	1.41514	1.41514	0.529827	1.11468	1.11468	0.853608	0.968984	-1.03201
cg03403093	INPP4A;INPP4A;INPP4A;INPP4A	0.0434862	0.479644	1.16567	1.16567	0.0765365	1.52241	1.52241	0.0378514	1.67145	1.67145	0.289244	1.2645	1.2645	0.0789121	1.51621	1.51621
cg02369548	INPP4A;INPP4A;INPP4A;INPP4A	0.0444111	0.0711659	0.436259	-2.29221	0.0373657	0.369976	-2.70288	0.235936	0.599803	-1.66721	0.835459	0.917964	-1.08937	0.00194711	0.164731	-6.07049
cg15282018	INPP4B;INPP4B	1.75E-05	1.51E-05	0.161417	-6.19514	0.000214972	3.14002	3.14002	0.0168389	0.622694	-1.60593	?	?	?	0.0297107	0.663837	-1.50639
cg26592076	INPP4B;INPP4B	0.000563229	0.0739907	1.65496	1.65496	0.0100256	0.439401	-2.27582	0.0340114	0.534709	-1.87018	0.0425623	1.80534	1.80534	0.00101347	0.291263	-3.43332
cg18376497	INPP4B;INPP4B	0.000587107	0.0179217	0.626442	-1.59632	0.01842	1.59181	1.59181	0.000553046	0.418296	-2.39065	0.000930273	0.447731	-2.23348	0.00288237	0.51361	-1.947
cg19577080	INPP4B;INPP4B	0.000889011	0.670259	0.930217	-1.07502	0.00227324	2.05645	2.05645	4.89E-05	0.275544	-3.62918	0.739073	1.05808	1.05808	0.00833758	0.565857	-1.76723
cg21943416	INPP4B;INPP4B	0.00250101	0.61431	0.917183	-1.0903	0.352995	1.17656	1.17656	0.684804	0.932926	-1.0719	0.0258111	0.63743	-1.5688	0.0530005	0.687911	-1.45368
cg04084236	INPP4B;INPP4B	0.00262351	0.167826	0.779056	-1.2836	0.247024	0.81417	-1.22824	0.0387223	0.665924	-1.50167	0.93244	1.01451	1.01451	0.000456428	0.39153	-2.55408
cg10380019	INPP4B;INPP4B	0.00402859	0.346985	0.825671	-1.21114	0.751241	0.939029	-1.06493	0.216095	0.772979	-1.2937	0.354015	0.828099	-1.20759	0.00284186	0.443663	-2.25396
cg24759237	INPP4B;INPP4B	0.00429583	0.0914241	0.610846	-1.63707	0.345555	1.29383	1.29383	0.916619	0.972612	-1.02816	0.300764	0.752518	-1.32887	0.0019205	0.312022	-3.2049
cg11034191	INPP4B;INPP4B	0.0169004	0.547342	0.937556	-1.0666	0.00358421	1.51845	1.51845	0.0108191	1.40345	1.40345	0.289886	0.890194	-1.12335	0.610879	0.947114	-1.05584
cg05790658	INPP4B;INPP4B	0.0187408	0.680703	0.920974	-1.08581	0.00298784	0.444717	-2.24862	0.0504603	0.641756	-1.55822	0.192704	0.76011	-1.3156	0.0145018	0.549239	-1.8207
cg08519853	INPP4B;INPP4B	0.0210224	0.960343	1.01601	1.01601	0.0351654	2.18955	2.18955	0.0285889	2.28174	2.28174	0.699597	1.13183	1.13183	0.00236955	0.258246	-3.87228
cg06733281	INPP4B;INPP4B	0.0215923	0.0211561	0.577088	-1.73284	0.0478291	0.638421	-1.56637	0.0135467	0.545516	-1.83313	0.0922297	0.692412	-1.44423	0.0126278	0.540646	-1.84964
cg00598866	INPP4B;INPP4B	0.0225249	0.292068	1.38398	1.38398	0.0334439	0.477727	-2.09324	0.0112802	0.38928	-2.56884	0.18095	0.655573	-1.52538	0.122273	1.64517	1.64517
cg05361366	INPP4B;INPP4B	0.0240459	0.0481843	0.26799	-3.73148	0.0893791	0.33545	-2.98107	0.0149475	0.174628	-5.72647	0.170695	0.427088	-2.34144	0.00468418	0.111663	-8.95555
cg07074416	INPP4B;INPP4B	0.04179	0.059455	2.39377	2.39377	0.618856	1.22846	1.22846	0.654738	0.831375	-1.20283	0.0110163	3.70041	3.70041	0.0686812	2.30722	2.30722
cg06245214	INPP5A	8.16E-06	0.00014236	0.336158	-2.97479	5.30E-05	0.285278	-3.50536	8.62E-05	0.309991	-3.2259	0.00500578	0.539466	-1.85368	1.89E-06	0.140168	-7.13432
cg24056757	INPP5A	3.33E-05	0.104075	0.734934	-1.36067	0.179228	0.780941	-1.28051	0.000624999	0.401841	-2.48855	0.356841	1.17849	1.17849	9.11E-05	0.297623	-3.35996
cg09838169	INPP5A	3.53E-05	0.0767392	0.629876	-1.58761	0.045176	0.582973	-1.71535	0.120506	0.673389	-1.48502	0.0107526	0.471165	-2.1224	2.57E-07	0.0274051	-36.4896
cg03735043	INPP5A	3.81E-05	0.00171252	0.496697	-2.0133	0.000106508	0.343343	-2.91254	0.16263	0.792159	-1.26237	0.933068	1.01322	1.01322	9.82E-07	0.133567	-7.48687
cg03658066	INPP5A	4.28E-05	0.012076	0.640888	-1.56033	0.000134846	0.39067	-2.5597	0.36477	0.876	-1.14155	7.22E-05	0.357933	-2.79382	2.72E-05	0.308275	-3.24385
cg00988841	INPP5A	7.29E-05	0.0330959	0.686345	-1.45699	0.727182	1.05433	1.05433	0.00229926	0.525384	-1.90337	0.133818	0.783285	-1.27667	0.0184328	0.649284	-1.54016
cg00205598	INPP5A	0.000155434	0.175244	0.755979	-1.32279	0.494132	1.14424	1.14424	0.133199	1.36937	1.36937	0.674071	0.921195	-1.08555	1.35E-06	0.0909968	-10.9894
cg27603082	INPP5A	0.000164191	0.362737	0.847821	-1.17949	0.527677	0.893218	-1.11955	0.0144199	0.587336	-1.7026	0.160993	0.767804	-1.30242	1.42E-06	0.114598	-8.72614

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17331554	0.114538	1.35496	1.35496	0.103	1.3712	1.3712	0.365733	1.17877	1.17877	0.923245	1.0172	1.0172	3.45658	1.71484	0.440985	1
cg00642468	0.89485	0.988984	-1.01114	0.00038556	0.622238	-1.6071	0.145113	0.877159	-1.14004	0.446976	1.06708	1.06708	10.0368	1.11537	0.0987801	1
cg15841412	0.00207887	0.256334	-3.90116	0.0399081	0.474265	-2.10852	0.995666	1.00171	1.00171	0.0431832	2.07632	2.07632	6.13991	9.59323	1.38883	1
cg01834010	0.00458791	0.0575211	-17.3849	0.00120679	0.0276617	-36.1511	?	?	?	0.787482	1.22689	1.22689	6.01938	48.5285	8.06204	1
cg18288666	0.574159	1.12479	1.12479	0.00157095	0.39042	-2.56134	0.213457	0.762364	-1.31171	0.749806	0.935885	-1.06851	3.71233	2.52199	0.603871	1
cg06900546	0.0302998	1.21346	1.21346	0.308185	1.08343	1.08343	0.537214	1.04861	1.04861	0.00611209	0.761949	-1.31242	85.0975	7.77954	0.0812614	1
cg01314691	0.000221453	0.263253	-3.79863	0.00360972	2.35091	2.35091	0.0334273	1.71472	1.71472	0.202432	1.33909	1.33909	11.6367	8.67626	0.66275	1
cg02550602	0.00420505	1.61542	1.61542	0.115389	0.807237	-1.23879	0.00609857	1.56498	1.56498	0.18484	1.19237	1.19237	5.40686	1.34026	0.22034	1
cg18820914	0.714552	0.856921	-1.16697	0.00132281	0.14038	-7.1235	0.87856	1.06638	1.06638	0.00417442	0.199179	-5.02061	5.04195	14.1094	2.48748	1
cg02656441	0.00330461	4.48745	4.48745	0.992387	0.996603	-1.00341	0.945155	1.02484	1.02484	0.497942	0.781959	-1.27884	5.48952	10.8256	1.53382	1
cg20524211	0.0433278	0.640469	-1.56135	3.01E-05	0.209146	-4.78135	0.216887	0.779501	-1.28287	0.82524	1.04331	1.04331	9.2475	5.38328	0.517452	1
cg02570593	0.0171591	0.586496	-1.70504	0.0685921	1.45427	1.45427	0.0120338	1.77778	1.77778	0.163209	1.31445	1.31445	5.17483	2.76612	0.475142	1
cg04687337	0.000433601	0.0958807	-10.4296	0.000542078	0.10372	-9.6413	0.459846	1.37315	1.37315	0.296381	0.633657	-1.57814	10.2943	28.9508	2.49982	1
cg04551271	0.024048	0.380529	-2.62792	0.00217692	0.213546	-4.68283	0.394925	0.731389	-1.36726	0.00482597	0.261247	-3.8278	7.28427	14.8697	1.81452	1
cg21940830	0.960967	0.996479	-1.00353	0.148261	0.894261	-1.11824	0.106771	1.1353	1.1353	0.790591	0.981004	-1.01936	5.3388	0.439116	0.073111	1
cg11178170	0.0933123	1.63331	1.63331	0.140455	1.52418	1.52418	0.000642445	4.02378	4.02378	0.00449606	2.73626	2.73626	5.07498	5.67742	0.994407	1
cg16420530	0.016404	0.740844	-1.34981	0.0175618	0.744138	-1.34384	0.77788	1.02934	1.02934	0.0170263	1.34654	1.34654	4.5429	0.752512	0.147241	1
cg10348863	0.222193	1.18366	1.18366	0.00110422	0.531492	-1.8815	0.460094	0.905884	-1.10389	0.0879229	0.780735	-1.28084	4.52142	1.2369	0.243168	1
cg14865309	0.890596	1.02374	1.02374	0.112984	0.745207	-1.34191	0.0454837	1.47855	1.47855	0.899258	0.978639	-1.02183	4.5017	2.07223	0.409175	1
cg27037990	0.277772	0.822965	-1.21512	0.584333	1.10007	1.10007	0.00548372	1.87837	1.87837	0.0106353	1.74105	1.74105	3.46377	1.63482	0.419536	1
cg10268125	0.140974	0.851647	-1.1742	0.0711068	0.815082	-1.22687	0.0784381	0.820162	-1.21927	0.625423	0.951328	-1.05116	7.43695	1.21147	0.144799	1
cg19478983	0.438629	0.888983	-1.12488	0.00329364	0.55077	-1.81564	0.561185	0.916198	-1.09147	0.0634546	0.732801	-1.36463	5.02392	1.76556	0.312383	1
cg16130600	0.424411	0.92714	-1.07859	0.893358	0.987639	-1.01252	0.467992	1.07088	1.07088	0.0116015	1.33994	1.33994	4.62398	0.629772	0.121064	1
cg10476989	0.168347	1.34997	1.34997	0.635689	1.10247	1.10247	0.889852	0.972071	-1.02873	0.0335606	0.601971	-1.66121	3.9987	2.64645	0.588292	1
cg09612423	0.0664743	1.41419	1.41419	0.548641	0.902849	-1.1076	0.577515	0.909595	-1.09939	0.269071	0.823805	-1.21388	3.67589	1.65081	0.399192	1
cg01416111	0.230819	0.714787	-1.39902	0.0284339	1.99541	1.99541	0.083795	1.66718	1.66718	0.932068	0.977483	-1.02304	3.40998	3.85355	1.00451	1
cg24494338	0.000137132	0.200533	-4.98672	0.313089	0.775548	-1.28941	0.0396215	0.56007	-1.78549	0.00172398	0.336411	-2.97255	38.0558	35.77	0.835499	1
cg27116036	0.00780966	0.277185	-3.6077	1.68E-05	0.0172669	-57.9143	0.00154839	0.16647	-6.00709	0.430954	1.31832	1.31832	27.4562	48.2344	1.17119	1
cg08733494	0.0806554	0.239073	-4.18282	0.15848	0.328427	-3.04482	?	?	?	0.588643	0.66812	-1.49674	5.71173	38.3842	7.68027	1
cg00242526	2.05E-05	0.398104	-2.51191	0.00939565	0.702988	-1.4225	0.115915	0.832872	-1.20066	6.23E-06	0.339216	-2.94798	48.5771	8.81182	0.161243	1
cg20518810	0.136926	0.836607	-1.1953	0.000381475	1.88076	1.88076	0.61238	0.944695	-1.05854	3.25E-05	0.406744	-2.45855	20.1535	3.95747	0.174547	1
cg22077686	0.0024074	0.448721	-2.22855	0.000318815	0.331303	-3.01839	0.930472	0.983594	-1.01668	0.00325306	0.467363	-2.13966	10.3003	5.86188	0.505864	1
cg24738655	0.190314	0.662159	-1.51021	0.0287311	0.4645	-2.15285	0.325414	0.739473	-1.35231	0.082283	0.564318	-1.77205	10.2907	14.3988	1.24374	1
cg06771275	0.265241	0.838162	-1.19309	0.00293885	1.86095	1.86095	0.541719	1.09848	1.09848	0.635518	1.0753	1.0753	9.65326	3.53487	0.325497	1
cg12508715	0.000570083	0.372823	-2.68224	0.122787	1.36229	1.36229	0.581244	1.1085	1.1085	0.715564	0.934571	-1.07001	6.55952	3.55182	0.481311	1
cg04122744	0.217858	1.36519	1.36519	0.379221	0.805223	-1.24189	0.748023	1.08048	1.08048	0.144435	1.45715	1.45715	6.54319	5.9763	0.811877	1
cg20896437	0.0119193	0.383719	-2.60607	0.00504021	0.322336	-3.10235	0.369414	0.75475	-1.32494	0.00568154	0.330443	-3.02624	6.46212	9.53532	1.31162	1
cg10459029	0.684202	0.941228	-1.06244	0.00172284	0.515588	-1.93953	0.00659258	1.68626	1.68626	0.141404	0.791172	-1.26395	5.96896	2.07403	0.308861	1
cg00994876	0.373555	1.23626	1.23626	0.16804	1.40652	1.40652	0.300159	0.779353	-1.28311	0.0234424	0.533346	-1.87496	5.71187	4.87683	0.758939	1
cg19674232	0.48457	0.91121	-1.09744	0.000359731	2.11532	2.11532	0.293164	0.86697	-1.15344	0.517435	1.08971	1.08971	4.81852	1.30773	0.241242	1
cg15141204	0.0169535	0.557218	-1.79463	0.312677	0.810812	-1.23333	0.448868	0.856432	-1.16763	0.0506784	0.639445	-1.56385	4.27475	2.73022	0.567719	1
cg15561235	0.203751	0.379461	-2.63532	0.0578255	4.70835	4.70835	0.194139	2.69756	2.69756	0.0657611	4.44403	4.44403	4.02737	33.2853	7.34647	1
cg06202667	0.9387	0.978774	-1.02169	0.247765	1.40084	1.40084	0.60618	0.864968	-1.15611	0.137825	0.640345	-1.56166	3.9975	4.92641	1.09544	1
cg03000844	0.546855	1.06171	1.06171	0.00269019	0.665398	-1.50286	0.342176	0.908351	-1.1009	0.216362	0.88005	-1.1363	3.71306	0.56729	0.135807	1
cg13140981	0.300391	1.39398	1.39398	0.33124	0.733224	-1.36384	0.331049	0.733128	-1.36402	0.396305	1.30849	1.30849	3.5545	5.39363	1.34881	1
cg17148467	0.68778	0.921607	-1.08506	0.0398472	1.61631	1.61631	0.974123	0.993467	-1.00658	0.5158	1.14242	1.14242	11.4982	7.43641	0.574886	1
cg05305760	0.0125745	0.133168	-7.50932	0.696205	0.774988	-1.29034	0.594348	0.705261	-1.41791	0.157323	2.67089	2.67089	3.66581	24.5022	5.94132	1
cg09918469	0.100264	0.709516	-1.40941	0.00029461	0.325034	-3.0766	0.654069	1.08977	1.08977	0.496238	1.14072	1.14072	4.82013	2.77271	0.511321	1
cg22472148	0.0203442	0.684152	-1.46166	0.315514	0.868609	-1.15127	0.556282	0.922405	-1.08412	0.15002	1.233	1.233	4.0461	1.18052	0.259348	1
cg11079619	0.000286597	0.274271	-3.64603	8.86E-05	0.215669	-4.63673	0.00148821	0.367501	-2.72108	0.0207776	0.544393	-1.83691	13.0918	9.89716	0.671984	1
cg09138133	0.00576592	0.335372	-2.98177	0.000101667	0.125046	-7.99704	0.000540195	0.19695	-5.07744	0.0198089	0.427583	-2.33873	11.585	16.7323	1.28383	1
cg15291905	0.00910708	0.350402	-2.85387	0.000857967	0.205045	-4.87698	0.00389862	0.292322	-3.42088	0.00141025	0.23155	-4.31872	8.79022	13.9452	1.41018	1
cg18676273	0.136033	0.570551	-1.75269	0.00521205	0.275898	-3.62453	0.910117	1.04024	1.04024	0.218646	0.636372	-1.57141	3.72878	7.20649	1.71793	1
cg05877565	0.739415	0.891979	-1.1211	0.0828652	0.518069	-1.93024	0.906213	0.960443	-1.04119	0.718425	0.883387	-1.13201	3.40182	6.31791	1.65086	1
cg02173749	0.33915	1.32894	1.32894	2.46E-07	85.2121	85.2121	0.177586	0.661281	-1.51222	0.792669	0.926783	-1.079	44.9859	59.3609	1.17293	1
cg24617696	0.00266289	0.355422	-2.81355	4.25E-07	35.6551	35.6551	0.787445	1.0696	1.0696	0.262312	0.747521	-1.33776	35.6589	35.0069	0.872636	1
cg03699182	0.839078	1.09088	1.09088	2.17E-06	143.776	143.776	0.220468	1.73512	1.73512	0.0399231	2.7619	2.7619	21.3314	61.8249	2.57626	1
cg25501422	0.0106073	0.577385	-1.73195	0.019642	0.617704	-1.6189	0.150991	0.768728	-1.30085	0.0202038	0.619589	-1.61397	12.5207	5.79215	0.411204	1
cg08065733	0.492922	1.13494	1.13494	0.802278	1.04666	1.04666	0.00232473	2.16628	2.16628	0.804252	1.04617	1.04617	11.6517	6.09704	0.465135	1
cg20925841	0.18961	0.421298	-2.37362	0.0137347	6.65562	6.65562	0.00248341	0.0730869	-13.6823	0.586359	0.71048	-1.4075	5.33657	32.7137	5.44897	1
cg26035105	0.418039	0.565052	-1.76975	0.0657434	0.240656	-4.15531	0.112091	0.303186	-3.29831	0.257435	0.442535	-2.25971	5.21939	39.3327	6.69856	1
cg06342317	0.331486	0.702328	-1.42384	0.282394	0.674396	-1.48281	0.0672374	0.485149	-2.06122	0.210227	0.62773	-1.59304	4.4823	8.82918	1.75092	1
cg13377839	0.431753	1.08511	1.08511	0.0224453	1.32099	1.32099	0.165211	0.860112	-1.16264	0.618542	0.950184	-1.05243	4.17093	0.68457	0.145892	1
cg11436087	0.590207	1.07301	1.07301	0.000732307	1.94497	1.94497	0.00500095	1.6184	1.6184	0.139766	0.813878	-1.22868	17.2787	4.59713	0.236495	1
cg12486635	0.0255881	0.277849	-3.59907	0.00148436	0.10934	-9.14581	0.026547	0.280959	-3.55923	0.00902524	0.20134	-4.96672	5.81315	21.4654	3.28228	1
cg22667391	0.00204925	0.124232	-8.04948	0.435063	0.68228	-1.46567	0.978872	1.01279	1.01279	0.290386	0.590523	-1.69341	4.13636	15.0972	3.24432	1
cg10171332	0.0370681	0.517932	-1.93075	0.592757	1.15802	1.15802	0.233544	0.712186	-1.40413	0.741419	0.913943	-1.09416	4.05981	4.74846	1.03967	1
cg03399971	0.193186	0.700764	-1.42701	0.593041	1.14947	1.14947	0.00755551	0.411694	-2.42899	0.412488	0.805436	-1.24156	3.93938	4.16048	0.938778	1
cg22630748	0.00860539	0.32004	-3.12461	0.802567	1.08892	1.08892	0.00356954	0.261258	-3.82764	0.285263	0.685651	-1.45847	3.55671	6.51271	1.62765	1
cg18589624	0.391177	0.82082	-1.21829	0.024122	1.83015	1.83015	0.539155	0.869593	-1.14996	0.0532372	0.610452	-1.63813	13.887	11.1088	0.711057	1
cg15270970	0.459466	1.14311	1.14311	0.047633	1.4952	1.4952	0.0209352	1.63791	1.63791	0.00597221	0.528214	-1.89317	9.52659	4.75821	0.44397	1
cg21598047	0.000278453	3.87198	3.87198	0.00772532	2.17937	2.17937	0.00158486	2.80761	2.80761	0.144234	0.699697	-1.42919	15.2236	12.4959	0.729624	1
cg00470768	0.0498966	0.776406	-1.28799	0.000381966	1.90002	1.90002	0.42809	0.912509	-1.09588	0.13859	0.834909	-1.19774	8.67941	1.76044	0.180293	1
cg26409855	0.000505114	0.598048	-1.67211	0.0286082	0.783316	-1.27662	0.615755	0.953273	-1.04902	0.272133	1.11416	1.11416	7.09427	1.00483	0.125901	1
ch.15.415980F	0.359629	0.795293	-1.2574	0.00939244	0.448954	-2.2274	0.141156	0.680554	-1.46939	0.164571	1.43418	1.43418	6.45056	5.37027	0.832529	1
cg03713668	0.00187848	0.301279	-3.31918	0.00456736	0.357802	-2.79484	0.452104	1.2318	1.2318	0.965559	0.988318	-1.01182	6.13416	7.19521	1.04264	1
cg26387956	0.0859869	1.67178	1.67178	0.284496	1.35139	1.35139	0.900283	1.03454	1.03454	0.500089	0.83077	-1.2037	5.66586	6.58308	1.03279	1
cg09899535	0.0429614	0.514492	-1.94366	0.0229844	2.17268	2.17268	0.592415	0.857118	-1.1667	0.943924	1.02027	1.02027	4.28827	5.5287	1.14601	1
cg05132222	0.0644182	0.403075	-2.48093	0.0455129	0.366769	-2.72651	0.583396	0.784879	-1.27408	0.349883	0.656497	-1.52324	3.56802	10.8085	2.69269	1
cg14366939	0.000105357	0.370442	-2.69948	3.51E-09	0.0107358	-93.1467	0.0171368	0.673927	-1.48384	0.621708	0.936568	-1.06773	156.981	42.1501	0.208837	1
cg17988524	0.0029701	0.57624	-1.73539	0.0011651	0.524854	-1.90529	0.0125469	0.657183	-1.52165	0.0136026	1.51098	1.51098	10.5068	3.04182	0.257342	1
cg11376913	0.554202	1.43712	1.43712	0.237145	2.15639	2.15639	?	?	?	0.887542	1.08889	1.08889	7.94239	27.8521	2.92231	1
cg07023902	0.00636746	0.197826	-5.05495	0.822753	1.10309	1.10309	0.223539	0.56929	-1.75657	0.935884	0.965435	-1.0358	5.28875	15.6734	2.30497	1
cg03309722	0.0339648	0.302472	-3.30609	0.0136491	0.229081	-4.36527	0.259516	0.566542	-1.76509	0.40503	1.50915	1.50915	3.99535	14.7657	3.28508	1
cg26447968	?	?	?	?	?	?	0.844464	0.926649	-1.07916	0.11482	2.0785	2.0785	12.5652	20.217	0.919408	1
cg27318281	0.00729495	1.59623	1.59623	0.16795	1.21971	1.21971	0.0327318	0.713427	-1.40169	0.254421	0.85143	-1.17449	6.61441	1.91359	0.257162	1
cg22151773	0.911509	0.962942	-1.03848	0.000279226	0.13278	-7.53128	0.681787	0.869324	-1.15032	0.072427	0.506152	-1.97569	6.53431	11.9405	1.62431	1
cg18767920	0.925693	0.968928	-1.03207	0.519208	0.801636	-1.24745	0.0988937	1.84455	1.84455	0.96564	0.98553	-1.01468	4.95608	8.98708	1.61186	1
cg21703682	0.144651	0.627468	-1.59371	0.0115846	0.391035	-2.55732	0.702363	1.12099	1.12099	0.197212	0.666631	-1.50008	4.68872	6.57098	1.24573	1
cg19041079	?	?	?	?	?	?	0.201788	0.375506	-2.66308	0.984499	0.986097	-1.0141	4.2818	26.8127	6.26201	1
cg23811476	?	?	?	0.161984	3.17607	3.17607	0.15947	0.312027	-3.20485	0.165204	0.318444	-3.14027	6.621	31.3819	3.15984	1
cg16595745	0.988291	1.00281	1.00281	0.000362319	0.335519	-2.98046	0.325685	1.21391	1.21391	0.0111847	0.54482	-1.83547	12.7134	7.34692	0.513678	1
cg27107363	0.751646	0.948603	-1.05418	0.127214	0.76024	-1.31537	0.301738	1.1946	1.1946	0.0513251	0.691595	-1.44593	11.6153	5.08107	0.388839	1
cg06470936	0.264721	0.703395	-1.42168	0.00619777	0.339498	-2.94552	0.883133	1.04553	1.04553	0.0282294	0.456496	-2.1906	6.15445	8.9298	1.28973	1
cg01629231	0.0270439	0.714684	-1.39922	0.336941	0.880693	-1.13547	0.930253	1.0113	1.0113	0.193586	1.19307	1.19307	4.59503	1.19846	0.231837	1
cg00738085	0.0666549	0.758798	-1.31787	0.119295	1.25471	1.25471	0.53482	1.08803	1.08803	0.328128	1.14509	1.14509	3.7262	1.06325	0.25364	1
cg04647948	0.641678	1.10314	1.10314	0.00197809	0.400371	-2.49769	0.210269	0.758422	-1.31853	0.528762	1.143	1.143	3.43188	2.38435	0.617567	1
cg01380373	8.60E-07	0.265616	-3.76484	1.34E-06	0.286101	-3.49527	0.182331	1.15395	1.15395	0.00658945	0.699835	-1.42891	67.8754	11.0021	0.144083	1
cg04436971	0.22604	0.67853	-1.47377	0.0847348	0.558992	-1.78894	0.00309631	0.29089	-3.43772	0.261905	1.42889	1.42889	5.22588	7.70302	1.31024	1
cg02492205	0.236495	0.289019	-3.45997	0.312696	0.351679	-2.8435	0.0102369	0.0391961	-25.5127	0.926216	1.09712	1.09712	3.46794	55.0022	14.098	1
cg09245872	0.177963	0.673659	-1.48443	0.226386	0.704305	-1.41984	0.00345867	0.334372	-2.99068	0.528769	1.19257	1.19257	3.84227	4.63458	1.07219	1
cg04914231	0.33149	1.20992	1.20992	0.532771	1.12768	1.12768	0.0447407	1.54993	1.54993	0.0510746	1.52588	1.52588	3.5926	2.05812	0.509225	1
cg05634052	0.000595715	0.463049	-2.1596	0.214159	0.826966	-1.20924	0.00434911	0.574924	-1.73936	0.264443	0.844535	-1.18408	5.39186	1.80209	0.297088	1
cg20016569	0.0551013	1.35392	1.35392	0.000658393	2.06903	2.06903	0.95759	0.992618	-1.00744	0.838828	1.02878	1.02878	9.13627	2.80892	0.273286	1
cg03345805	0.0281596	1.37074	1.37074	0.147838	0.827889	-1.20789	0.870028	1.02012	1.02012	0.032093	1.3572	1.3572	8.91774	2.09003	0.208327	1
cg05963740	0.236204	1.65865	1.65865	0.0555555	0.412928	-2.42173	0.0166865	3.29132	3.29132	0.532223	1.29423	1.29423	6.86908	18.08	2.33963	1
cg01275697	0.0223594	0.176797	-5.65622	0.00728136	0.111773	-8.94666	0.0981085	0.317063	-3.15394	0.0403716	0.223338	-4.47753	3.57154	22.6708	5.64234	1
cg20715291	0.0123391	0.53135	-1.882	0.195399	0.757356	-1.32038	0.509981	0.873157	-1.14527	0.241149	0.779562	-1.28277	11.2744	7.35482	0.579865	1
cg04725743	0.0443593	0.390365	-2.5617	0.00373426	0.202891	-4.92875	0.645381	0.827997	-1.20773	0.367771	1.45767	1.45767	8.9574	20.9222	2.33574	1
cg22526076	0.572887	0.790391	-1.2652	0.00292657	0.184941	-5.40714	0.0486348	2.53435	2.53435	0.00618221	0.228927	-4.3682	7.60938	20.5454	2.40001	1
cg13757409	0.00299167	1.49649	1.49649	0.107444	1.18998	1.18998	0.0138068	0.739862	-1.3516	0.331846	0.905638	-1.10419	6.60226	1.02485	0.13798	1
cg12411965	0.000530151	0.346242	-2.88816	0.88821	1.02803	1.02803	0.00783891	0.511344	-1.95563	0.533219	0.883339	-1.13207	5.95035	3.64094	0.5439	1
cg21532760	0.805875	1.09193	1.09193	0.213461	0.626307	-1.59666	?	?	?	0.674424	0.85993	-1.16289	5.16166	9.2699	1.79592	1
cg13094511	0.390872	0.922967	-1.08346	0.000373564	0.595178	-1.68017	0.0987664	0.84785	-1.17945	0.171923	1.14178	1.14178	4.79485	0.631344	0.117041	1
cg14579157	0.551284	0.903513	-1.10679	0.00633093	0.549724	-1.81909	0.342583	1.1789	1.1789	0.170912	1.27815	1.27815	4.48994	2.01463	0.398842	1
cg05059031	0.15881	0.773436	-1.29293	0.412043	0.866693	-1.15381	0.00880988	1.76636	1.76636	0.00955309	1.75041	1.75041	3.80831	1.75501	0.409633	1
cg03403093	0.238171	1.30158	1.30158	0.452847	0.84947	-1.1772	0.00524241	2.19362	2.19362	0.133123	0.707757	-1.41291	3.57087	2.57375	0.640678	1
cg02369548	0.0432917	0.384171	-2.60301	0.121544	0.501166	-1.99535	0.130526	0.510664	-1.95824	0.17176	0.549512	-1.8198	3.54294	9.50418	2.38451	1
cg15282018	6.13E-06	0.118915	-8.4094	0.0030872	1.99248	1.99248	?	?	?	0.000225584	0.321642	-3.10905	79.0307	21.024	0.22802	1
cg26592076	0.0054017	0.395956	-2.52553	6.79E-05	0.158155	-6.32293	0.448566	1.21577	1.21577	0.0136234	0.462039	-2.16432	13.8254	14.0145	0.901048	1
cg18376497	0.302421	0.840567	-1.18967	0.879335	0.975605	-1.025	0.0022539	2.00376	2.00376	0.0120502	0.601085	-1.66366	13.6664	5.72071	0.372086	1
cg19577080	0.138652	1.30895	1.30895	0.669501	0.930051	-1.07521	0.233807	1.23468	1.23468	0.17851	0.78552	-1.27304	12.1649	5.49548	0.401556	1
cg21943416	0.20297	0.795606	-1.2569	8.84E-05	0.302726	-3.30332	0.0438747	0.674315	-1.48299	0.0195848	1.61587	1.61587	9.03097	4.13993	0.407479	1
cg04084236	0.12632	0.755096	-1.32433	0.0113746	0.583839	-1.7128	0.000719299	0.417195	-2.39696	0.0300978	1.54224	1.54224	8.90462	4.06832	0.406114	1
cg10380019	0.519881	0.878939	-1.13773	0.0765231	0.677235	-1.47659	0.000275246	3.24886	3.24886	0.689084	1.08281	1.08281	7.83565	4.85579	0.550849	1
cg24759237	0.0015288	0.29831	-3.35222	0.000974128	0.272225	-3.67344	0.920944	1.02667	1.02667	0.0187937	0.470068	-2.12735	7.68509	8.5587	0.989935	1
cg11034191	0.849482	1.02032	1.02032	0.672895	0.956033	-1.04599	0.00501646	1.48156	1.48156	0.877477	0.983797	-1.01647	4.97926	0.884193	0.157845	1
cg05790658	0.265121	0.793693	-1.25993	0.206856	1.30324	1.30324	0.16906	0.747136	-1.33844	0.00609816	0.490533	-2.0386	4.80932	3.01502	0.557254	1
cg08519853	0.152926	0.613311	-1.63049	0.257298	1.45876	1.45876	0.45169	1.27749	1.27749	0.570105	1.20118	1.20118	4.62534	7.47258	1.43606	1
cg06733281	0.827663	1.04419	1.04419	0.0342806	1.63201	1.63201	0.457495	0.860653	-1.16191	0.874725	0.969192	-1.03179	4.58323	2.85539	0.553785	1
cg00598866	0.650668	0.873265	-1.14513	0.527446	1.20964	1.20964	0.0801489	0.561527	-1.78086	0.00598645	0.343721	-2.90933	4.5172	6.32206	1.24405	1
cg05361366	0.00816239	0.138854	-7.20183	0.0149539	0.174656	-5.72555	0.43394	0.627748	-1.593	0.0490609	0.269745	-3.70721	4.41647	23.7878	4.78768	1
cg07074416	0.231971	1.67252	1.67252	0.017989	3.25224	3.25224	0.00802957	4.02886	4.02886	0.328159	1.51302	1.51302	3.62405	9.66175	2.36978	1
cg06245214	0.000164326	0.343778	-2.90886	3.44E-06	0.162621	-6.14925	1.59E-05	0.22758	-4.39405	4.51E-05	0.277225	-3.60718	42.7697	18.707	0.388789	1
cg24056757	0.00124934	0.441749	-2.26373	1.60E-06	0.123196	-8.11712	0.00145069	0.450515	-2.21968	4.70E-05	0.264417	-3.7819	29.6282	14.0929	0.422807	1
cg09838169	0.00316465	0.38798	-2.57746	0.918963	0.976387	-1.02418	0.150427	0.696324	-1.43611	0.108858	0.663246	-1.50774	29.188	25.4884	0.776223	1
cg03735043	0.00190675	0.502904	-1.98845	0.297436	1.18393	1.18393	0.0601674	1.3929	1.3929	0.137385	0.778724	-1.28415	28.6063	11.0694	0.343962	1
cg03658066	1.38E-05	0.275063	-3.63553	0.000256414	0.424967	-2.35313	0.793279	1.03804	1.03804	0.000143914	0.394117	-2.53732	27.7412	8.87897	0.284502	1
cg00988841	7.89E-05	0.340206	-2.9394	7.52E-06	0.225834	-4.42803	1.82E-05	0.266895	-3.74679	0.00474832	0.567524	-1.76204	24.0846	8.70443	0.321254	1
cg00205598	0.7497	0.939777	-1.06408	0.77147	1.05814	1.05814	0.293759	0.809503	-1.23533	0.854196	0.964932	-1.03634	19.6673	11.7295	0.530131	1
cg27603082	0.0168743	0.597831	-1.67271	0.0354571	0.64913	-1.54052	0.465374	1.1401	1.1401	0.373118	0.850989	-1.1751	19.3785	9.55845	0.438444	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13174051	INPP5A	0.000181198	0.642514	1.10834	1.10834	0.0091934	0.482988	-2.07045	0.000194845	0.251772	-3.97185	0.610614	0.893147	-1.11964	0.00269375	0.401523	-2.49052	0.164669	0.721649	-1.38572	1.18E-05	0.129883	-7.69926	0.0480969	1.644	1.644	0.0545544	1.61595	1.61595	18.8691	14.4711	0.681706	1
cg17851345	INPP5A	0.000201181	0.0166662	0.562842	-1.7767	0.000962787	0.380371	-2.62902	0.0200102	1.73664	1.73664	0.000152183	0.278722	-3.5878	0.178574	0.755015	-1.32448	0.259898	0.79367	-1.25997	1.66E-05	0.175405	-5.70109	0.23577	1.27674	1.27674	0.896106	0.974638	-1.02602	18.3419	11.2317	0.544313	1
cg13418804	INPP5A	0.000247301	0.0579677	1.34618	1.34618	0.000305551	0.443315	-2.25573	0.0592069	0.7442	-1.34372	0.232902	1.18946	1.18946	0.756987	1.04399	1.04399	0.0747273	0.759316	-1.31697	1.55E-05	3.45505	3.45505	0.486477	0.90658	-1.10305	0.146443	0.805569	-1.24136	17.3412	5.28366	0.270834	1
cg09625024	INPP5A	0.000288566	0.00531393	0.403939	-2.47562	4.62E-05	0.149776	-6.67663	0.0238762	0.514128	-1.94504	0.929284	0.978333	-1.02215	4.24E-05	0.146432	-6.82912	0.143309	1.47425	1.47425	0.115077	1.5263	1.5263	0.587671	0.873623	-1.14466	0.0298022	0.532048	-1.87953	16.6259	16.0374	0.857421	1
cg25648286	INPP5A	0.000343668	0.0694666	0.728169	-1.37331	0.150667	0.78613	-1.27205	0.00216951	0.510589	-1.95852	0.00100392	0.46634	-2.14436	0.00148382	0.488649	-2.04646	0.015353	0.628259	-1.5917	7.30E-06	0.213299	-4.68826	0.227237	0.820343	-1.219	0.0228064	0.65336	-1.53055	15.8485	6.12557	0.343562	1
cg12335414	INPP5A	0.000391017	0.32988	0.873236	-1.14517	0.317956	0.870093	-1.1493	0.0361026	1.38899	1.38899	0.0148358	0.667608	-1.49789	1.84E-05	0.308137	-3.24531	0.00511092	0.607293	-1.64665	0.028121	1.41848	1.41848	0.0275231	1.42105	1.42105	0.0878898	0.775753	-1.28907	15.2957	4.40245	0.255843	1
cg17496877	INPP5A	0.00057482	0.00274805	1.93249	1.93249	0.000340327	0.398493	-2.50945	0.0120848	0.60722	-1.64685	0.00687865	1.74694	1.74694	0.454792	1.12905	1.12905	0.23825	1.21767	1.21767	0.000436171	2.42604	2.42604	0.17619	1.25766	1.25766	0.228123	1.22345	1.22345	13.7472	5.53375	0.357811	1
cg23460809	INPP5A	0.000816321	1.86E-05	0.355175	-2.81551	0.156717	0.835381	-1.19706	0.0241697	1.37601	1.37601	0.542629	1.07592	1.07592	0.0241584	0.726712	-1.37606	0.179894	0.844404	-1.18427	0.501555	1.08436	1.08436	0.264914	0.871126	-1.14794	0.0121481	0.689932	-1.44942	12.461	2.78268	0.198498	1
cg14234732	INPP5A	0.000953902	0.166667	0.83221	-1.20162	0.000192304	2.1863	2.1863	0.000678011	0.523584	-1.90991	0.00255527	0.593792	-1.68409	0.309423	0.877198	-1.13999	0.0262769	0.720147	-1.3886	0.717094	1.04637	1.04637	0.76841	0.963888	-1.03746	0.307576	0.876728	-1.14061	11.9249	2.93031	0.218427	1
cg11771383	INPP5A	0.00110029	0.334537	0.86343	-1.15817	0.00515556	1.72458	1.72458	0.00186129	0.5213	-1.91828	0.287405	0.849614	-1.17701	0.00161647	0.513312	-1.94813	0.188744	1.22808	1.22808	0.183047	1.23176	1.23176	0.887678	1.02107	1.02107	0.000346438	0.427749	-2.33782	11.4514	3.94809	0.306461	1
cg11145302	INPP5A	0.00111614	0.0908091	0.607683	-1.6456	0.0579067	0.563727	-1.77391	0.00124066	0.283125	-3.53201	0.00781337	0.401364	-2.4915	0.019278	0.469172	-2.13142	0.00192	0.309028	-3.23595	0.000548011	0.238035	-4.20106	0.000106896	0.160806	-6.21869	0.291801	0.746441	-1.33969	11.4049	12.9114	1.0063	1
cg03260643	INPP5A	0.00126781	0.0011017	0.266	-3.7594	0.000151812	0.167129	-5.98339	0.475372	0.818903	-1.22115	0.0398605	0.519986	-1.92313	0.00334172	0.333103	-3.00207	0.00342322	0.334659	-2.98812	0.00864169	0.397913	-2.51311	0.00237422	0.311492	-3.21035	0.00424621	0.348768	-2.86724	10.9977	13.1966	1.06662	1
cg01195672	INPP5A	0.00149115	0.056263	0.585864	-1.70688	0.1039	0.645766	-1.54855	0.0540876	0.582207	-1.7176	0.117597	0.658663	-1.51823	2.79E-05	0.105644	-9.46577	0.203054	0.719909	-1.38907	0.0316539	1.87133	1.87133	0.123074	0.663484	-1.5072	0.121567	0.662175	-1.51017	12.6292	11.5187	0.70939	1
cg24376212	INPP5A	0.00159553	0.0435544	0.584152	-1.71188	0.00492025	0.421887	-2.3703	0.220204	0.741858	-1.34797	0.633786	1.11759	1.11759	0.000177032	0.229388	-4.35942	0.000447102	0.27723	-3.60711	0.0984201	0.657157	-1.52171	0.936088	0.981594	-1.01875	0.00286421	0.386581	-2.58678	10.2947	8.74897	0.755421	1
cg17054783	INPP5A	0.0016114	0.000432203	0.306225	-3.26557	0.250728	1.29064	1.29064	0.0515347	1.60184	1.60184	0.0756647	0.656815	-1.5225	0.00562273	0.461757	-2.16564	0.0160568	0.534491	-1.87094	0.000512659	0.315678	-3.16779	0.0553177	0.630146	-1.58693	0.0952789	0.677303	-1.47644	10.2654	7.34756	0.636233	1
cg11440240	INPP5A	0.00162927	0.0103043	0.545959	-1.83164	0.0631358	0.676167	-1.47892	0.000628815	0.373813	-2.67513	0.287327	1.22978	1.22978	0.000301962	0.332881	-3.00408	0.683048	0.926021	-1.07989	0.223427	1.2706	1.2706	0.0478434	1.52741	1.52741	0.0734684	0.688227	-1.45301	10.2327	5.68057	0.493456	1
cg12390946	INPP5A	0.0020549	0.000428559	0.513641	-1.94688	0.0808498	1.26035	1.26035	0.00440885	1.57508	1.57508	0.0117611	0.686526	-1.45661	0.0547349	0.77072	-1.29749	0.408224	1.1064	1.1064	0.0437745	0.758043	-1.31919	0.742669	1.04016	1.04016	0.0246142	0.726203	-1.37703	9.56608	2.16444	0.201122	1
cg12755332	INPP5A	0.00215433	0.00182809	0.340579	-2.93618	0.0226186	1.94244	1.94244	0.0680523	0.608344	-1.64381	0.157694	1.44403	1.44403	0.00300585	0.371735	-2.69009	0.0692642	1.63941	1.63941	0.00152815	0.329703	-3.03304	0.975278	1.00757	1.00757	0.116729	0.660652	-1.51366	9.435	8.83986	0.83282	1
cg22900057	INPP5A	0.00227323	0.439244	1.22273	1.22273	0.0263322	0.510945	-1.95716	0.00669804	0.407998	-2.45099	0.237795	0.729631	-1.37056	0.000259628	0.216191	-4.62553	0.72121	1.09564	1.09564	0.00279362	2.85868	2.85868	0.390082	0.798922	-1.25169	0.617462	0.879544	-1.13695	9.28781	9.5576	0.914709	1
cg16109778	INPP5A	0.00245212	0.441741	0.928506	-1.077	0.430884	1.07899	1.07899	0.0294413	0.784651	-1.27445	0.0211309	1.29978	1.29978	0.00708394	1.38965	1.38965	0.64685	1.04459	1.04459	0.000103467	1.91445	1.91445	0.917645	0.990267	-1.00983	0.110843	1.17854	1.17854	9.08357	1.28652	0.125895	1
cg09103979	INPP5A	0.00256164	0.0545743	0.746819	-1.33901	0.296272	0.86504	-1.15602	4.47E-05	0.35536	-2.81405	0.487308	1.09908	1.09908	0.213197	1.19183	1.19183	0.772903	1.0395	1.0395	0.171424	1.21522	1.21522	0.242424	0.848933	-1.17795	0.171983	0.823132	-1.21487	8.96749	2.54528	0.252296	1
cg10967866	INPP5A	0.00272225	0.0121626	0.496594	-2.01372	0.133035	1.43768	1.43768	0.483045	1.17313	1.17313	0.00285035	0.398599	-2.50879	0.0182686	0.526411	-1.89966	0.072748	0.638646	-1.56581	0.685918	1.09534	1.09534	0.0487042	1.65582	1.65582	0.000574602	0.303068	-3.29959	8.80801	6.99919	0.706346	1
cg01040749	INPP5A	0.00281717	0.54942	0.860791	-1.16172	0.00232238	0.349007	-2.86527	0.00597941	0.410952	-2.43338	0.424089	0.817061	-1.2239	0.000119011	0.189017	-5.29052	0.413476	0.813093	-1.22987	0.821529	0.945618	-1.05751	0.247973	1.34839	1.34839	0.0508676	0.57666	-1.73412	8.71918	8.45801	0.862264	1
cg22983290	INPP5A	0.00283761	0.000319817	0.300092	-3.33232	0.000386205	0.310351	-3.22216	0.0189181	0.555789	-1.79924	0.876017	1.03279	1.03279	0.0198358	0.559241	-1.78814	0.0997053	0.688795	-1.45181	0.0124961	0.526174	-1.90051	0.417985	0.842804	-1.18652	0.0412305	0.614721	-1.62676	8.70054	5.88365	0.601102	1
cg25024345	INPP5A	0.00299058	0.0842326	0.778898	-1.28387	0.0179731	0.686547	-1.45656	0.413175	0.896339	-1.11565	0.367145	0.88587	-1.12883	0.000419201	0.481151	-2.07835	0.0636826	0.761316	-1.31352	0.00177859	1.78951	1.78951	0.183832	0.831572	-1.20254	0.0745374	0.771146	-1.29677	8.56614	2.32144	0.240891	1
cg06732450	INPP5A	0.00351086	0.360565	0.768879	-1.30059	0.0506689	1.86387	1.86387	0.190496	0.678656	-1.4735	0.00179087	0.288652	-3.46438	0.0683438	1.7694	1.7694	0.55588	1.18125	1.18125	0.000498202	0.218004	-4.58708	0.989854	1.00356	1.00356	0.0392711	0.513293	-1.9482	8.16623	10.1122	1.1007	1
cg03834055	INPP5A	0.00376413	0.00365054	0.58145	-1.71984	0.816755	1.03253	1.03253	0.0786135	0.763842	-1.30917	0.00535267	0.602977	-1.65844	0.0459074	0.729391	-1.37101	0.32601	0.869487	-1.1501	0.00108191	1.9453	1.9453	0.0895983	0.772523	-1.29446	0.212512	0.834365	-1.19852	7.99743	2.40893	0.267746	1
cg06788249	INPP5A	0.00399419	0.396126	1.29403	1.29403	0.559204	1.19146	1.19146	0.0653618	1.84702	1.84702	0.0443898	1.98353	1.98353	0.253026	0.701795	-1.42492	0.000186014	0.153853	-6.49969	0.0886118	1.74574	1.74574	0.940384	1.02243	1.02243	0.0607328	0.534123	-1.87223	7.85593	10.9468	1.23862	1
cg02465282	INPP5A	0.00429778	0.0212565	0.393166	-2.54346	0.508752	0.797717	-1.25358	0.720951	0.886102	-1.12854	0.373466	0.734897	-1.36073	5.33E-05	0.0786734	-12.7108	0.137713	0.583375	-1.71416	0.824166	1.07791	1.07791	0.747353	1.11513	1.11513	0.225329	0.650949	-1.53622	7.68403	13.8332	1.60022	1
cg25782256	INPP5A	0.00436426	0.0789549	0.73187	-1.36636	0.0184478	1.57998	1.57998	0.00135722	0.475062	-2.10499	0.201202	0.805736	-1.2411	0.140659	0.775999	-1.28866	0.105829	1.32668	1.32668	0.00693141	0.571708	-1.74915	0.01061	0.597961	-1.67235	0.35282	1.16531	1.16531	7.64841	3.10175	0.360482	1
cg17994840	INPP5A	0.00464786	0.0261931	1.64866	1.64866	0.00453667	0.48835	-2.04771	0.0031112	0.464606	-2.15236	0.337106	0.828958	-1.20633	0.0751445	0.686869	-1.45588	0.831714	0.960466	-1.04116	0.00875246	1.88324	1.88324	0.170515	0.758314	-1.31871	0.0402488	0.638146	-1.56704	7.50369	4.26976	0.505797	1
cg15598850	INPP5A	0.00522666	0.0226457	0.677604	-1.47579	0.00377219	0.572658	-1.74624	0.207931	0.827493	-1.20847	0.0390554	0.711321	-1.40583	0.0912017	0.766969	-1.30383	0.709943	1.05473	1.05473	0.00129418	1.95131	1.95131	0.783704	0.961519	-1.04002	0.255431	1.1845	1.1845	7.23981	2.33206	0.286325	1
cg14785777	INPP5A	0.00527767	0.768922	0.957927	-1.04392	0.432055	1.12411	1.12411	0.0147312	1.54957	1.54957	0.173907	1.235	1.235	0.109142	0.774995	-1.29033	0.00870565	0.613995	-1.62868	0.000558779	2.18358	2.18358	0.146961	1.25496	1.25496	0.280961	1.17763	1.17763	7.21832	2.43373	0.299698	1
cg27136914	INPP5A	0.00538701	0.0359164	0.548171	-1.82425	0.164905	1.4404	1.4404	0.0483291	0.57365	-1.74322	0.113311	0.654123	-1.52876	0.0129751	0.467914	-2.13714	0.0513368	0.578971	-1.7272	0.000432444	0.253829	-3.93966	0.00385573	0.383241	-2.60932	0.076132	0.615018	-1.62597	7.1731	6.89279	0.854153	1
cg01520297	INPP5A	0.00565026	0.763151	0.948448	-1.05435	0.0031188	0.492649	-2.02984	0.026178	0.630025	-1.58724	0.34514	1.18564	1.18564	0.00963135	0.563351	-1.77509	0.393383	0.858031	-1.16546	0.00214819	2.12724	2.12724	0.131419	0.751856	-1.33004	0.584938	0.907926	-1.10141	7.06877	3.43368	0.431781	1
cg02250553	INPP5A	0.00565871	0.00680729	1.87199	1.87199	0.00174167	2.22185	2.22185	0.760196	1.05627	1.05627	0.448642	0.871028	-1.14807	0.150403	0.759071	-1.3174	0.243043	1.24416	1.24416	0.00330352	2.04549	2.04549	0.18005	0.775228	-1.28994	0.13325	0.748533	-1.33595	7.06552	3.57848	0.450197	1
cg24560898	INPP5A	0.00622121	0.112866	0.819331	-1.22051	0.0379629	1.32027	1.32027	0.70394	0.956873	-1.04507	0.0975317	1.2336	1.2336	0.1056	0.815349	-1.22647	0.754498	1.03689	1.03689	0.153745	1.19285	1.19285	0.266025	0.874741	-1.14319	0.00030564	0.508043	-1.96834	6.86195	1.44902	0.187705	1
cg02539530	INPP5A	0.0062872	0.0216003	0.510977	-1.95703	0.529348	0.85634	-1.16776	0.944384	1.01712	1.01712	0.42014	0.818353	-1.22197	0.000343689	0.245979	-4.06539	0.0153294	0.484626	-2.06345	0.285791	1.30971	1.30971	0.801709	0.940594	-1.06316	0.00504907	0.405578	-2.46561	6.83958	6.41641	0.833893	1
cg09105933	INPP5A	0.0063382	0.946145	0.983382	-1.0169	0.419984	0.815147	-1.22677	0.00106509	0.30122	-3.31983	0.272299	1.3277	1.3277	0.00106871	0.301417	-3.31767	0.121846	1.51587	1.51587	0.0918595	0.63106	-1.58464	0.764566	1.07735	1.07735	0.396112	1.24057	1.24057	6.82248	6.64887	0.866269	1
cg02951695	INPP5A	0.00724342	0.453619	1.18561	1.18561	0.00158667	0.363795	-2.7488	0.0154439	0.515432	-1.94012	0.715891	1.08494	1.08494	0.327175	0.798041	-1.25307	0.959577	1.01137	1.01137	0.00252333	2.54795	2.54795	0.207548	0.743486	-1.34502	0.336802	0.801821	-1.24716	6.54491	5.15613	0.700273	1
cg13441142	INPP5A	0.00777828	0.84251	0.938814	-1.06517	0.734222	0.897483	-1.11423	0.0122575	0.371482	-2.69192	0.469369	0.791657	-1.26317	0.00312346	0.277285	-3.60639	0.0360801	0.461289	-2.16784	0.000731343	0.196048	-5.10078	0.657377	1.15221	1.15221	0.0175169	0.399441	-2.5035	6.40045	10.2116	1.41818	1
cg08658981	INPP5A	0.00895123	0.258359	1.09314	1.09314	0.110167	0.876803	-1.14051	0.0236747	0.815491	-1.22626	0.315544	0.924628	-1.08152	0.0652246	0.855301	-1.16918	0.0958163	1.14813	1.14813	0.000600051	0.670476	-1.49148	0.22023	1.10223	1.10223	0.689009	1.03084	1.03084	6.12292	0.552958	0.0802751	1
cg08277036	INPP5A	0.00926439	0.00853572	0.366676	-2.7272	0.609054	0.857099	-1.16673	0.804945	1.07677	1.07677	0.192791	0.662287	-1.50992	0.102935	0.58664	-1.70462	0.00341493	0.304411	-3.28503	0.00129802	0.246436	-4.05785	0.0085174	0.366521	-2.72836	0.995648	1.00163	1.00163	6.05641	8.57233	1.25815	1
cg09163720	INPP5A	0.00948488	0.0157478	1.38122	1.38122	0.212953	1.15391	1.15391	0.0134127	0.715921	-1.3968	0.271904	1.13295	1.13295	0.400491	0.910348	-1.09848	0.0166304	1.37599	1.37599	0.00195289	1.61288	1.61288	0.344808	1.11204	1.11204	0.742434	0.964647	-1.03665	6.01124	1.13407	0.167696	1
cg20090690	INPP5A	0.0117902	0.0931249	0.774722	-1.29078	0.000986934	0.508343	-1.96718	0.0100802	0.638479	-1.56622	0.159089	0.812241	-1.23116	0.046602	1.3701	1.3701	0.546559	0.919144	-1.08797	0.18263	0.822481	-1.21583	0.114727	0.788972	-1.26747	0.057108	0.74272	-1.3464	5.60547	1.69512	0.268805	1
cg10683576	INPP5A	0.012488	0.0590424	0.777998	-1.28535	0.0130631	0.695893	-1.437	0.102484	0.810252	-1.23418	0.157594	0.83699	-1.19476	0.539508	0.929464	-1.07589	0.552346	1.07336	1.07336	0.00160149	1.70413	1.70413	0.9965	1.00052	1.00052	0.115032	0.817267	-1.22359	5.50176	1.20824	0.195209	1
cg05670885	INPP5A	0.0130246	0.0545873	0.721364	-1.38626	0.000423582	0.433281	-2.30797	0.0952328	0.759896	-1.31597	0.446934	0.890379	-1.12312	0.0111437	0.620915	-1.61053	0.105372	0.767199	-1.30344	0.564356	0.916422	-1.0912	0.530889	1.09975	1.09975	0.0743647	0.742457	-1.34688	5.4268	1.92826	0.315842	1
cg03986097	INPP5A	0.0133377	0.0014219	0.242228	-4.12835	0.0275975	0.449273	-2.22582	0.478625	0.801516	-1.24764	0.211119	0.66719	-1.49882	0.0542527	0.511227	-1.95608	0.241605	0.686271	-1.45715	0.00957203	0.365057	-2.7393	0.0785195	1.82255	1.82255	0.0738413	0.542254	-1.84415	5.3848	8.04598	1.32818	1
cg03713666	INPP5A	0.0136143	0.0211144	0.690959	-1.44726	0.0409923	1.36943	1.36943	0.155964	0.816813	-1.22427	0.765253	0.960868	-1.04073	0.445543	1.10923	1.10923	0.148331	1.2296	1.2296	0.0149083	1.49054	1.49054	0.0193517	0.685905	-1.45793	0.0446658	0.73544	-1.35973	5.34871	1.50538	0.250175	1
cg00470761	INPP5A	0.014745	0.176941	1.26521	1.26521	0.211919	1.24051	1.24051	0.906917	0.981011	-1.01936	0.419798	1.14466	1.14466	0.0562417	1.42527	1.42527	0.667917	1.0733	1.0733	0.000204662	2.77302	2.77302	0.425788	1.14259	1.14259	0.79864	0.958966	-1.04279	5.21013	2.21676	0.378196	1
cg07605938	INPP5A	0.0163511	0.768642	1.04914	1.04914	0.727139	0.94462	-1.05863	0.316282	0.844932	-1.18353	0.0378186	1.4795	1.4795	0.526261	0.900835	-1.11008	0.0114064	0.597509	-1.67362	0.0028357	1.95116	1.95116	0.545292	1.10468	1.10468	0.0887259	0.736854	-1.35712	5.03448	2.10896	0.372358	1
cg01333603	INPP5A	0.0167584	0.429372	0.790071	-1.26571	0.928848	1.02643	1.02643	0.451664	0.799331	-1.25105	0.615736	0.862594	-1.15929	0.155465	0.641486	-1.55888	0.00128658	0.253984	-3.93725	0.0019116	0.276959	-3.61064	0.232082	0.693457	-1.44205	0.0347265	0.48724	-2.05238	4.99331	6.74699	1.20107	1
cg01170247	INPP5A	0.0170667	0.266829	0.667061	-1.49911	0.0293005	0.407155	-2.45607	0.00411533	0.260056	-3.84533	0.220923	0.637405	-1.56886	0.00917018	0.314109	-3.18361	0.0782238	0.504225	-1.98324	0.00671924	0.292257	-3.42165	0.0079243	0.303704	-3.29267	0.704796	0.875284	-1.14249	4.96297	9.62726	1.72428	1
cg22918356	INPP5A	0.0171129	0.225427	0.848937	-1.17794	0.0139559	0.67665	-1.47787	0.140334	0.815412	-1.22637	0.716664	1.048	1.048	0.882984	1.01913	1.01913	0.924241	1.01231	1.01231	0.00111349	1.85489	1.85489	0.749251	1.04211	1.04211	0.306014	0.87255	-1.14607	4.95849	1.29952	0.23296	1
cg12608975	INPP5A	0.0172997	0.146585	0.636258	-1.57169	0.0336601	0.486781	-2.05431	0.0028242	0.303162	-3.29857	0.33348	0.748656	-1.33573	0.0157577	0.423768	-2.35978	0.0287143	0.472976	-2.11427	0.0102359	0.3909	-2.5582	0.239071	1.43015	1.43015	0.22511	0.690935	-1.44731	4.94049	6.58875	1.18544	1
cg25372722	INPP5A	0.0175672	0.607914	1.06971	1.06971	0.324011	1.14184	1.14184	0.62053	1.06715	1.06715	0.00555194	1.60715	1.60715	0.390675	0.891776	-1.12136	0.187488	1.19951	1.19951	0.000978685	1.89364	1.89364	0.333737	0.87824	-1.13864	0.738208	0.957258	-1.04465	4.91514	1.32015	0.238745	1
cg25067606	INPP5A	0.0176171	0.0210355	0.652046	-1.53363	0.044918	0.701435	-1.42565	0.113816	0.767149	-1.30353	0.0268337	0.667596	-1.49791	0.0233796	0.658765	-1.51799	0.00763433	0.589512	-1.69632	0.308209	1.17646	1.17646	0.0342351	0.683423	-1.46322	0.00880485	0.598135	-1.67186	4.91047	1.84627	0.33421	1
cg23736728	INPP5A	0.0177759	0.23453	1.22656	1.22656	0.0015732	0.475192	-2.10441	0.0147203	0.611397	-1.6356	0.0561896	1.42533	1.42533	0.466471	0.88564	-1.12913	0.692792	0.937	-1.06724	0.233328	1.22726	1.22726	0.894722	1.02193	1.02193	0.79484	0.958194	-1.04363	4.8957	2.08236	0.378085	1
cg09216797	INPP5A	0.0178396	0.100467	0.44733	-2.23548	0.854324	1.08564	1.08564	0.0242819	0.301057	-3.32163	0.78899	1.12741	1.12741	0.00159271	0.13191	-7.58093	0.712219	1.18015	1.18015	0.00392035	0.176297	-5.67224	0.534393	0.754792	-1.32487	0.393924	0.676786	-1.47757	4.88982	15.4787	2.81378	1
cg15512832	INPP5A	0.0183477	0.231399	0.845576	-1.18263	0.929238	1.01194	1.01194	0.00331876	0.586071	-1.70628	0.617558	1.06958	1.06958	0.689073	0.947675	-1.05521	0.711208	0.951522	-1.05095	0.00289344	1.72855	1.72855	0.578653	1.07784	1.07784	0.192601	0.831711	-1.20234	4.84383	1.36979	0.25137	1
cg09688726	INPP5A	0.0183632	0.282564	0.860486	-1.16213	0.00612665	0.617963	-1.61822	0.302819	1.15446	1.15446	0.596106	1.07463	1.07463	0.970728	1.00495	1.00495	0.175465	1.21394	1.21394	0.00329986	1.71364	1.71364	0.12818	0.801474	-1.2477	0.455177	0.902705	-1.10778	4.84245	1.38877	0.254926	1
cg05168453	INPP5A	0.0188361	0.0437352	0.635162	-1.5744	0.55573	0.889871	-1.12376	0.506602	1.14103	1.14103	0.260942	1.25803	1.25803	0.000646131	0.358901	-2.78628	0.23987	0.78588	-1.27246	0.450211	1.16257	1.16257	0.588244	0.898509	-1.11296	0.0732529	0.676315	-1.4786	4.80109	2.91482	0.539658	1
cg16206931	INPP5A	0.0193891	0.902498	0.975351	-1.02527	0.0281226	0.589739	-1.69567	0.0519622	0.637448	-1.56876	0.737926	0.933901	-1.07078	0.0038958	0.453186	-2.2066	0.724092	0.930369	-1.07484	0.0085772	1.97936	1.97936	0.902337	0.975311	-1.02531	0.381595	0.832981	-1.20051	4.75434	3.12258	0.58381	1
cg23357150	INPP5A	0.0196126	0.00421297	0.278031	-3.59672	0.151435	1.67096	1.67096	0.351258	1.37773	1.37773	0.861066	1.06026	1.06026	0.0055392	0.29598	-3.3786	0.964066	1.01516	1.01516	0.0482294	0.470473	-2.12552	0.863891	0.944303	-1.05898	0.0618872	0.495455	-2.01835	4.7359	8.36801	1.57061	1
cg19137806	INPP5A	0.02083	0.120677	0.641407	-1.55907	0.39113	1.26091	1.26091	0.851177	0.951651	-1.0508	0.0374196	0.528758	-1.89123	0.117947	0.638944	-1.56508	0.797074	0.934272	-1.07035	0.414895	1.24594	1.24594	0.534753	1.18043	1.18043	0.000733859	0.258257	-3.87212	4.63988	5.11582	0.980067	1
cg09863094	INPP5A	0.0208587	0.154277	0.83336	-1.19996	0.00131928	1.74819	1.74819	0.890765	0.983709	-1.01656	0.366025	1.11741	1.11741	0.556517	0.931377	-1.07368	0.444435	1.09767	1.09767	0.00843125	1.49501	1.49501	0.976877	0.996541	-1.00347	0.140737	1.20853	1.20853	4.6377	1.04952	0.201158	1
cg20853001	INPP5A	0.0211939	0.700978	0.945164	-1.05802	0.265183	0.843896	-1.18498	0.594063	0.924385	-1.0818	0.147246	0.796663	-1.25524	0.121993	1.27762	1.27762	0.0132811	1.56592	1.56592	0.00283251	1.82368	1.82368	0.198911	0.820027	-1.21947	0.493832	0.903425	-1.1069	4.61252	1.5607	0.300765	1
cg18612209	INPP5A	0.0222387	0.00709056	0.620438	-1.61176	0.722082	0.952181	-1.05022	0.458971	0.901714	-1.109	0.166159	0.816615	-1.22457	0.021772	0.685348	-1.45911	0.965974	1.00587	1.00587	0.0250534	1.44155	1.44155	0.25478	0.849471	-1.1772	0.0132814	0.656406	-1.52345	4.5371	1.3527	0.265016	1
cg09649196	INPP5A	0.0232004	0.00698306	0.718443	-1.3919	0.59658	1.05193	1.05193	0.0953644	0.840597	-1.18963	0.198424	0.879146	-1.13747	0.83546	0.980483	-1.01991	0.293531	1.10878	1.10878	0.00499919	1.42197	1.42197	0.204356	0.880791	-1.13534	0.998535	1.00017	1.00017	4.47146	0.636037	0.126439	1
cg09602753	INPP5A	0.0232757	0.0907793	0.726202	-1.37703	0.00249873	0.486142	-2.05701	0.60141	1.09472	1.09472	0.0556024	0.689049	-1.45128	0.213633	0.798637	-1.25213	0.183177	1.27443	1.27443	0.284388	1.21039	1.21039	0.116317	1.34047	1.34047	0.367765	1.17217	1.17217	4.46646	2.08551	0.415047	1
cg10924085	INPP5A	0.0238206	0.00434693	0.533358	-1.87491	0.935858	0.986811	-1.01337	0.155452	1.28496	1.28496	0.848335	1.03208	1.03208	0.0165793	0.617117	-1.62044	0.378977	0.861672	-1.16053	0.0190995	1.5966	1.5966	0.686956	0.93536	-1.06911	0.896652	0.978792	-1.02167	4.43089	1.90935	0.383038	1
cg23063147	INPP5A	0.0246294	0.0564385	1.38865	1.38865	0.962109	0.992804	-1.00725	0.00195692	0.513973	-1.94563	0.372133	1.14946	1.14946	0.0175481	0.644445	-1.55172	0.689285	0.940732	-1.063	0.817267	0.965427	-1.03581	0.587401	1.08685	1.08685	0.243038	0.830513	-1.20408	4.3799	1.60306	0.325337	1
cg05714496	INPP5A	0.0259492	0.479281	1.17133	1.17133	0.168406	0.724172	-1.38089	0.240676	1.31009	1.31009	0.431561	1.19304	1.19304	0.00774348	0.471383	-2.12142	0.948539	1.01429	1.01429	0.0168647	1.89848	1.89848	0.0974206	0.670371	-1.49171	0.0506136	0.61276	-1.63196	4.30101	3.29334	0.680635	1
cg15288420	INPP5A	0.0267076	0.106287	1.46309	1.46309	0.000899171	0.342259	-2.92177	0.534164	0.872983	-1.1455	0.49035	1.16319	1.16319	0.256689	0.774587	-1.29101	0.466445	0.852231	-1.17339	0.182867	1.35657	1.35657	0.844477	0.95851	-1.04329	0.325898	0.803442	-1.24464	4.25789	3.13913	0.655333	1
cg14339778	INPP5A	0.0272468	0.0156267	2.01279	2.01279	0.0350534	0.560146	-1.78525	0.186592	0.718622	-1.39155	0.0165717	0.501232	-1.99508	0.815831	0.946428	-1.0566	0.522314	0.858102	-1.16536	0.0984021	1.53381	1.53381	0.107316	1.5141	1.5141	0.857931	1.04319	1.04319	4.22814	3.72966	0.784092	1
cg26429732	INPP5A	0.0273501	0.366704	0.802971	-1.24537	0.86721	1.04039	1.04039	0.00593545	2.34307	2.34307	0.630193	0.89155	-1.12164	0.0613392	0.607233	-1.64682	0.224621	0.739459	-1.35234	0.157801	1.42958	1.42958	0.0361994	1.77957	1.77957	0.0782799	0.629471	-1.58864	4.22252	3.74471	0.788304	1
cg06381135	INPP5A	0.0286528	0.97442	0.990501	-1.00959	0.00958728	0.37673	-2.65442	0.101327	0.586256	-1.70574	0.554043	1.19502	1.19502	0.00938001	0.375128	-2.66575	0.847402	0.944269	-1.05902	0.0212092	2.28095	2.28095	0.798715	0.926759	-1.07903	0.736136	1.10591	1.10591	4.15388	5.82873	1.24729	1
cg12108265	INPP5A	0.0300786	0.560506	0.894197	-1.11832	0.00120298	0.406078	-2.46258	0.191055	0.768724	-1.30086	0.139296	0.739114	-1.35297	0.0191948	0.58373	-1.71312	0.992063	0.998112	-1.00189	0.315677	1.21788	1.21788	0.981969	0.995716	-1.0043	0.169002	0.756978	-1.32104	4.08304	2.3343	0.508183	1
cg04708830	INPP5A	0.0305254	0.0975214	0.708208	-1.41201	0.113633	0.721332	-1.38632	0.172461	0.759153	-1.31726	0.168788	0.757118	-1.3208	0.0383979	0.634292	-1.57656	0.272807	0.805265	-1.24183	0.00533655	2.00665	2.00665	0.613499	1.10147	1.10147	0.129759	0.733019	-1.36422	4.06169	2.31639	0.506935	1
cg07048479	INPP5A	0.0312425	0.2718	1.11917	1.11917	0.0139454	0.741633	-1.34838	0.524026	0.938426	-1.06561	0.0639025	1.2275	1.2275	0.0477263	1.2496	1.2496	0.495708	1.07045	1.07045	0.0174753	0.752223	-1.32939	0.580424	1.05649	1.05649	0.305375	0.900811	-1.11011	4.02822	0.61801	0.136373	1
cg12673559	INPP5A	0.0318206	0.103957	0.624112	-1.60228	0.0154499	0.454797	-2.19878	0.0186327	0.469397	-2.13039	0.53853	0.847786	-1.17954	0.00410465	0.360243	-2.7759	0.124143	0.64306	-1.55507	0.111187	0.631201	-1.58428	0.796353	0.933721	-1.07098	0.0162754	0.458819	-2.17951	4.00192	4.45666	0.989893	1
cg27438456	INPP5A	0.0319715	0.128958	1.19666	1.19666	0.239961	0.874033	-1.14412	0.476664	0.923869	-1.0824	0.996145	1.00053	1.00053	0.295569	1.12602	1.12602	0.4691	1.08393	1.08393	0.00147774	1.65194	1.65194	0.187783	0.858351	-1.16502	0.226014	0.870127	-1.14926	3.99515	0.757638	0.168568	1
cg00434991	INPP5A	0.032036	0.817427	0.948953	-1.05379	0.274473	0.77287	-1.29388	0.00262059	0.389053	-2.57035	0.877877	0.965758	-1.03546	0.609623	0.889864	-1.12377	0.244528	1.31765	1.31765	0.0199078	1.89036	1.89036	0.280932	1.28909	1.28909	0.336736	0.798978	-1.2516	3.99227	3.2462	0.722774	1
cg07326267	INPP5A	0.0322482	0.563005	0.810501	-1.23381	0.0340275	2.43266	2.43266	0.0466161	2.26751	2.26751	0.353875	0.709839	-1.40877	0.00255434	0.222334	-4.49773	0.728708	1.13327	1.13327	0.870855	0.943218	-1.0602	0.796311	1.0974	1.0974	0.881882	1.05487	1.05487	3.98284	8.14316	1.81739	1
cg20456620	INPP5A	0.0336194	0.0425779	0.332498	-3.00754	0.190389	0.519976	-1.92317	0.532852	0.742376	-1.34703	0.346403	0.632998	-1.57978	0.00068473	0.0866321	-11.5431	0.284502	0.59196	-1.6893	0.0577746	0.363589	-2.75036	0.236596	0.557199	-1.79469	0.241139	0.56064	-1.78367	3.92372	13.8212	3.13109	1
cg11161142	INPP5A	0.033881	0.0698773	0.700046	-1.42848	0.093404	0.722776	-1.38355	0.117175	0.74125	-1.34907	0.225005	1.25133	1.25133	0.499595	0.886414	-1.12814	0.692366	0.93243	-1.07247	0.00341164	2.01391	2.01391	0.407754	1.16065	1.16065	0.424676	0.866374	-1.15424	3.91278	1.91811	0.435747	1
cg06376402	INPP5A	0.0340969	0.0303774	0.380987	-2.62476	0.105336	0.511226	-1.95608	0.0628952	0.452295	-2.21095	0.53833	0.789593	-1.26648	0.00284168	0.210591	-4.74853	0.52947	0.785413	-1.27322	0.137408	0.545178	-1.83426	0.205987	1.65838	1.65838	0.0490853	0.426637	-2.34391	3.90383	8.88913	2.02403	1
cg10494449	INPP5A	0.0348936	0.239928	1.3558	1.3558	0.130282	0.66748	-1.49817	0.012744	0.465058	-2.15027	0.678628	0.902064	-1.10857	0.511827	0.848243	-1.17891	0.421282	0.81609	-1.22535	0.00483324	2.52096	2.52096	0.87783	0.962662	-1.03879	0.376835	0.799047	-1.25149	3.87139	3.7521	0.861498	1
cg01148002	INPP5A	0.0365609	0.0794564	1.44117	1.44117	0.35504	1.19555	1.19555	0.296551	0.816134	-1.22529	0.124635	0.731914	-1.36628	0.123247	0.730931	-1.36812	0.0498347	0.657072	-1.5219	0.0175358	1.72056	1.72056	0.0653522	0.678184	-1.47453	0.628609	1.09581	1.09581	3.80638	2.12445	0.496114	1
cg04604532	INPP5A	0.0367214	0.112767	0.584696	-1.71029	0.17865	0.641333	-1.55925	0.593886	1.18213	1.18213	0.397426	0.76386	-1.30914	0.0159499	0.399556	-2.50278	0.205902	0.660459	-1.5141	0.00760709	2.90665	2.90665	0.661488	0.871993	-1.1468	0.299877	1.39653	1.39653	3.80031	5.81695	1.36058	1
cg27617132	INPP5A	0.0374027	0.990288	0.989685	-1.01042	0.00160263	47.2684	47.2684	0.494292	1.80629	1.80629	0.948165	1.05695	1.05695	0.135774	0.254236	-3.93335	0.510763	1.76519	1.76519	0.195035	0.311107	-3.21433	0.0794416	5.25145	5.25145	0.678452	0.70107	-1.42639	3.77493	43.3868	10.2164	1
cg13458561	INPP5A	0.039537	0.679203	0.926161	-1.07973	0.0933559	1.40557	1.40557	0.153789	1.32534	1.32534	0.00684795	0.524133	-1.90791	0.293699	0.817986	-1.22251	0.202595	0.780256	-1.28163	0.222447	1.26681	1.26681	0.59855	1.10296	1.10296	0.0384226	0.642461	-1.55651	3.69895	1.99325	0.478995	1
cg00135371	INPP5A	0.0410557	0.124903	0.76344	-1.30986	0.0915825	0.739439	-1.35238	0.415441	1.14483	1.14483	0.377206	1.15863	1.15863	0.0358751	0.67254	-1.4869	0.00831794	0.578049	-1.72996	0.252019	1.21463	1.21463	0.153029	0.77985	-1.2823	0.0590303	0.707214	-1.414	3.6479	1.52545	0.371708	1
cg24608475	INPP5A	0.0411223	0.0246893	0.465198	-2.14962	0.283399	1.3756	1.3756	0.926806	1.02664	1.02664	0.0421797	0.511854	-1.95368	0.00329874	0.318127	-3.1434	0.380845	0.773224	-1.29329	0.870989	0.954561	-1.0476	0.612655	0.864091	-1.15729	0.0756283	0.567885	-1.76092	3.64572	4.72687	1.15249	1
cg02781280	INPP5A	0.0412253	0.109094	1.56845	1.56845	0.0395816	0.541662	-1.84617	0.19764	0.704137	-1.42018	0.368877	0.788415	-1.26837	0.834643	0.947579	-1.05532	0.0673096	1.69577	1.69577	0.00996883	2.31233	2.31233	0.924916	0.976011	-1.02458	0.243869	0.730462	-1.369	3.64235	3.82769	0.93412	1
cg04391569	INPP5A	0.0415946	0.385427	0.814074	-1.22839	0.75218	0.929386	-1.07598	0.0327713	0.561358	-1.78139	0.455968	0.839016	-1.19187	0.00185419	0.360116	-2.77688	0.05736	0.60837	-1.64374	0.163354	0.70899	-1.41046	0.751718	0.929254	-1.07613	0.028584	0.550394	-1.81688	3.63035	3.07269	0.752346	1
cg23515556	INPP5A	0.0431668	0.046378	0.814766	-1.22735	0.0290874	1.25976	1.25976	0.0522146	1.21926	1.21926	0.20635	1.12712	1.12712	0.0246984	1.2714	1.2714	0.510287	1.06179	1.06179	0.0526555	1.21869	1.21869	0.264477	1.11007	1.11007	0.0882468	1.18398	1.18398	3.58069	0.457105	0.113474	1
cg26874015	INPP5A	0.0434933	0.25877	1.29337	1.29337	0.849089	0.959262	-1.04247	0.718204	0.923928	-1.08234	0.642592	0.902995	-1.10743	0.0989715	0.673722	-1.48429	0.0843072	0.659056	-1.51732	0.00738517	2.12478	2.12478	0.211224	1.3332	1.3332	0.0520938	0.617281	-1.62001	3.57065	2.6958	0.6711	1
cg25204176	INPP5A	0.0439252	0.0184375	1.62295	1.62295	0.66283	1.07714	1.07714	0.498761	0.890194	-1.12335	0.0313618	1.53374	1.53374	0.709646	0.938614	-1.0654	0.381233	0.858881	-1.16431	0.00542146	1.85868	1.85868	0.447386	1.14016	1.14016	0.160048	1.2895	1.2895	3.55752	1.61655	0.403915	1
cg16244248	INPP5A	0.0452803	0.589722	1.13884	1.13884	0.00210049	0.355854	-2.81015	0.0369341	0.560621	-1.78373	0.384267	1.23745	1.23745	0.0931441	0.643317	-1.55444	0.898835	1.03084	1.03084	0.714117	1.09184	1.09184	0.911321	1.02696	1.02696	0.571446	0.872338	-1.14634	3.51734	3.17717	0.802924	1
cg14398860	INPP5A	0.0454832	0.618452	1.72623	1.72623	0.0120036	30.1779	30.1779	0.742526	1.43109	1.43109	0.672446	0.629776	-1.58787	0.257735	0.276882	-3.61165	0.663873	0.621617	-1.60871	0.00696355	0.0224634	-44.5169	0.318443	3.06846	3.06846	0.234881	3.87206	3.87206	3.51145	65.7492	16.6438	1
cg02733444	INPP5A	0.0458081	0.0698289	0.444932	-2.24753	0.409888	0.714163	-1.40024	0.749163	1.13671	1.13671	0.208046	1.6993	1.6993	0.00558191	0.23366	-4.27972	0.55534	0.787976	-1.26907	0.107543	2.01692	2.01692	0.334513	1.48821	1.48821	0.151634	1.84713	1.84713	3.50208	8.84987	2.24625	1
cg13271783	INPP5A	0.0459112	0.65685	0.937734	-1.0664	0.0180267	0.661595	-1.5115	0.0873434	1.31178	1.31178	0.754307	0.955863	-1.04617	0.734556	1.05015	1.05015	0.229642	1.1987	1.1987	0.0240929	1.47223	1.47223	0.581884	1.08324	1.08324	0.0449565	0.718312	-1.39215	3.49913	1.14566	0.291034	1
cg18305652	INPP5A	0.0475369	0.333756	0.669483	-1.49369	0.00163152	0.162622	-6.14923	0.0346871	0.371206	-2.69392	0.78973	0.898017	-1.11357	0.532044	1.29013	1.29013	0.219309	0.594575	-1.68187	0.69811	0.854814	-1.16985	0.127813	0.515495	-1.93988	0.745846	1.13984	1.13984	3.45359	8.86	2.2804	1
cg07016060	INPP5A	0.0478203	0.00782929	0.567358	-1.76255	0.677502	1.07192	1.07192	0.262907	1.21388	1.21388	0.0879084	1.36718	1.36718	0.484413	0.888703	-1.12524	0.526873	1.11234	1.11234	0.0298258	1.52884	1.52884	0.230557	1.23227	1.23227	0.187157	1.26132	1.26132	3.44585	1.50485	0.388189	1
cg05536439	INPP5A	0.0478295	0.0357725	0.518238	-1.92962	0.00926973	0.411334	-2.43112	0.124759	1.56382	1.56382	0.826244	0.942564	-1.06094	0.0190293	0.465898	-2.14639	0.605216	1.15062	1.15062	0.701907	1.10901	1.10901	0.783117	1.07706	1.07706	0.941085	0.98031	-1.02009	3.4456	3.95028	1.01909	1
cg12145488	INPP5A	0.0493647	0.337583	0.474445	-2.10773	0.64216	1.42324	1.42324	0.0595744	0.201171	-4.97088	0.40027	0.522368	-1.91436	0.00215109	0.0387779	-25.7879	0.846122	1.15782	1.15782	0.0256848	0.135529	-7.37849	0.883105	0.894972	-1.11735	0.307884	0.451119	-2.21671	3.40463	30.6713	8.00774	1
cg09732284	INPP5A	0.0496534	0.171228	0.554664	-1.80289	0.0418414	2.58313	2.58313	0.0968669	2.09029	2.09029	0.997057	1.00149	1.00149	0.00720089	0.245774	-4.06878	0.232002	0.602218	-1.66053	0.372927	0.690688	-1.44783	0.970395	0.985098	-1.01513	0.25389	0.617523	-1.61937	3.3971	8.80638	2.30429	1
cg03647436	INPP5A	0.0498006	0.342552	0.820191	-1.21923	0.367028	1.20664	1.20664	0.22462	1.29506	1.29506	0.909539	1.02331	1.02331	0.0103849	0.519845	-1.92365	0.0378024	0.613692	-1.62948	0.275045	1.25884	1.25884	0.667711	0.916181	-1.09149	0.0274052	0.589244	-1.69709	3.39328	2.20815	0.578436	1
cg14584159	INPP5A;INPP5A	0.0228717	0.259114	0.863564	-1.15799	0.0996447	0.798645	-1.25212	0.688635	1.05147	1.05147	0.0194272	0.703235	-1.422	0.719767	0.956106	-1.04591	0.468299	0.91216	-1.0963	0.000499636	0.507412	-1.97079	0.457511	0.910042	-1.09885	0.447816	0.908113	-1.10118	4.49351	1.10475	0.218537	1
cg06521774	INPP5B	0.000121588	0.0237736	0.437352	-2.28649	0.000418084	5.55513	5.55513	0.0101828	2.69957	2.69957	0.135598	0.610819	-1.63715	0.275389	0.70626	-1.41591	5.88E-06	0.0441712	-22.6392	0.112428	1.69834	1.69834	0.581093	1.18626	1.18626	0.400153	1.30207	1.30207	21.0108	31.2562	1.32233	1
cg00563699	INPP5B	0.000362706	0.0236692	0.595905	-1.67812	0.464063	0.866913	-1.15352	0.0224196	1.68913	1.68913	0.551398	0.890927	-1.12243	0.034845	0.624164	-1.60214	0.151731	0.745034	-1.34222	0.047205	0.647147	-1.54524	2.43E-05	0.199716	-5.00711	9.66E-05	0.264724	-3.77752	15.6154	9.08323	0.517052	1
cg27314760	INPP5B	0.000387903	0.00324713	1.84746	1.84746	0.0115157	0.616759	-1.62138	0.00108257	0.47818	-2.09126	0.679696	0.938486	-1.06555	3.59E-05	0.295791	-3.38076	0.141841	0.78543	-1.27319	0.0135379	0.626685	-1.5957	0.107134	0.764183	-1.30859	0.00231532	0.521647	-1.91701	15.3294	5.67722	0.329199	1
cg09122414	INPP5B	0.00132477	0.00118048	0.0812398	-12.3092	0.00884109	0.172302	-5.80376	0.00979597	0.178526	-5.60143	0.00187909	0.0977001	-10.2354	0.00189425	0.0980059	-10.2035	0.0416921	0.28973	-3.45149	0.00023099	0.0397382	-25.1647	0.0895063	0.372404	-2.68526	0.00134444	0.0856088	-11.681	10.8602	47.8826	3.91911	1
cg24867946	INPP5B	0.00135254	0.000639023	0.289621	-3.45279	0.0678971	0.616726	-1.62147	0.0212289	1.92448	1.92448	0.072368	0.622548	-1.6063	0.00113644	0.322553	-3.10027	0.228761	1.3479	1.3479	0.00953667	2.17281	2.17281	0.764926	1.07345	1.07345	0.0609579	1.64738	1.64738	10.7958	9.55226	0.786499	1
cg18876826	INPP5B	0.00780302	0.863273	0.966568	-1.03459	0.494605	1.14663	1.14663	0.00065059	0.356503	-2.80503	0.0279604	0.599119	-1.66912	0.0294829	0.603048	-1.65824	0.29894	1.23663	1.23663	0.888633	0.972737	-1.02803	0.131638	1.37861	1.37861	0.0123746	0.54102	-1.84836	6.39407	3.9413	0.547911	1
cg16050959	INPP5B	0.0134488	0.289964	0.865816	-1.15498	0.157617	1.21924	1.21924	0.0413549	1.36162	1.36162	0.00990807	0.652179	-1.53332	0.0513068	0.747432	-1.33791	0.0757774	1.29599	1.29599	0.00760532	1.56876	1.56876	0.541035	1.08456	1.08456	0.266713	1.16394	1.16394	5.37019	1.46376	0.242286	1
cg01917259	INPP5B	0.0138677	0.0133921	0.213286	-4.68854	0.00109153	0.0879845	-11.3656	0.068407	0.357292	-2.79883	0.086104	0.384166	-2.60304	0.0223724	0.251445	-3.97701	0.0946203	0.395822	-2.52639	0.00539995	0.157639	-6.34359	0.048614	0.321004	-3.11523	0.259612	0.552533	-1.80985	5.31644	21.4273	3.58256	1
cg27432883	INPP5B	0.0327652	0.321836	0.84187	-1.18783	0.311169	0.838393	-1.19276	0.0271857	0.638018	-1.56735	0.382355	0.860275	-1.16242	0.00188911	0.45807	-2.18307	0.146154	0.768006	-1.30207	0.104517	0.740013	-1.35133	0.015187	0.597013	-1.67501	0.023345	0.627163	-1.59448	4.34979	1.88871	0.337716	1
cg08719605	INPP5B	0.0355556	0.749195	1.098	1.098	0.818422	0.93517	-1.06932	0.126721	0.617861	-1.61849	0.593865	0.854805	-1.16986	0.00209758	0.283267	-3.53024	0.12726	1.61721	1.61721	0.0583444	1.8655	1.8655	0.581811	1.17602	1.17602	0.971743	0.989729	-1.01038	3.84513	5.1739	1.19607	1
cg23262274	INPP5B	0.0390069	0.554968	1.06773	1.06773	0.372595	1.10569	1.10569	0.978049	1.00302	1.00302	0.10071	1.21814	1.21814	0.00707638	0.682505	-1.46519	0.181566	1.16842	1.16842	0.0118941	0.708524	-1.41138	0.704595	0.959056	-1.04269	0.756684	0.966464	-1.0347	3.71734	0.70922	0.169588	1
cg10784030	INPP5B;INPP5B	0.0396195	0.0205654	0.693119	-1.44275	0.0893183	0.781799	-1.2791	0.633084	0.938761	-1.06523	0.0999276	0.78909	-1.26728	0.805571	1.03293	1.03293	0.00617753	0.625475	-1.59879	0.024577	0.70341	-1.42165	0.31148	1.1475	1.1475	0.92123	1.01308	1.01308	3.69612	1.01061	0.243044	1
cg16874252	INPP5D;INPP5D	0.000192687	0.362501	0.800664	-1.24896	0.00511626	0.41536	-2.40755	0.298481	0.774155	-1.29173	0.0157019	0.494936	-2.02046	8.71E-05	0.187923	-5.32132	0.000670269	0.290513	-3.44219	8.65E-06	0.100618	-9.93858	0.89482	1.03192	1.03192	0.0171833	0.501734	-1.99309	18.5576	16.5826	0.794291	1
cg12315466	INPP5D;INPP5D	0.000346256	0.771351	0.948394	-1.05441	0.0627264	1.46344	1.46344	0.0278622	0.623389	-1.60413	0.596965	1.1019	1.1019	7.94E-06	0.168955	-5.91874	0.126939	1.35009	1.35009	0.00729237	1.87611	1.87611	0.715266	0.935553	-1.06889	0.627084	0.914823	-1.09311	15.8159	8.28206	0.46547	1
cg01591579	INPP5D;INPP5D	0.000767386	0.0750304	1.27412	1.27412	0.309212	0.879334	-1.13722	0.000900343	0.544926	-1.83511	0.031961	0.735575	-1.35948	0.00118491	0.559328	-1.78786	0.00610772	0.645765	-1.54855	0.000793265	1.85773	1.85773	0.546683	1.07738	1.07738	0.0284583	0.729091	-1.37157	12.6796	2.99837	0.210197	1
cg11374732	INPP5D;INPP5D	0.000835412	0.124274	1.32744	1.32744	0.00353373	1.96012	1.96012	0.2367	1.2349	1.2349	0.00181571	0.47024	-2.12658	0.02935	0.646118	-1.5477	0.00369548	0.512897	-1.94971	0.00467526	0.527298	-1.89646	0.00370112	1.94936	1.94936	0.0961833	1.36466	1.36466	12.3801	5.67883	0.407738	1
cg06272010	INPP5D;INPP5D	0.00126786	0.290074	1.44793	1.44793	0.00797389	3.14695	3.14695	0.121309	1.76162	1.76162	0.302563	0.697677	-1.43333	8.96E-05	0.094149	-10.6215	0.0671859	1.99673	1.99673	0.00584291	3.37534	3.37534	0.446989	1.29858	1.29858	0.402782	0.749293	-1.33459	10.9976	19.7914	1.59966	1
cg16321975	INPP5D;INPP5D	0.00144509	0.623608	1.15376	1.15376	0.0183199	2.28842	2.28842	0.00712012	2.73249	2.73249	0.166725	0.652903	-1.53162	0.000150187	0.152231	-6.56895	0.0449875	1.94503	1.94503	0.0126391	2.45096	2.45096	0.258762	1.40596	1.40596	0.49397	0.818026	-1.22246	10.5926	14.0281	1.17718	1
cg02935132	INPP5D;INPP5D	0.00162226	0.335314	1.38278	1.38278	0.00919618	2.94099	2.94099	0.0584089	2.00889	2.00889	0.223572	0.658943	-1.51758	0.000120895	0.111825	-8.94256	0.117962	1.73979	1.73979	0.0105635	2.85534	2.85534	0.288574	1.43243	1.43243	0.343013	0.727122	-1.37528	10.2455	17.2659	1.49798	1
cg15156469	INPP5D;INPP5D	0.00221535	0.572158	1.11785	1.11785	0.000192706	0.293684	-3.40501	0.000638085	0.35935	-2.7828	0.793717	1.05248	1.05248	0.187389	1.31351	1.31351	0.510866	1.13901	1.13901	0.0726467	1.47827	1.47827	0.540552	0.886107	-1.12853	0.38843	0.841543	-1.18829	9.35823	5.64568	0.536254	1
cg07178563	INPP5D;INPP5D	0.0031387	0.991901	1.00221	1.00221	0.0955508	1.48995	1.48995	0.561243	1.13647	1.13647	0.414963	0.834051	-1.19897	7.63E-05	0.209805	-4.76632	0.0390442	1.68233	1.68233	0.126081	1.43396	1.43396	0.851862	1.04155	1.04155	0.731605	0.927765	-1.07786	8.44394	6.34209	0.667628	1
cg00438740	INPP5D;INPP5D	0.00476252	0.838901	1.10659	1.10659	0.094293	2.49729	2.49729	0.123385	2.29426	2.29426	0.928908	0.956571	-1.0454	0.000122742	0.035633	-28.0639	0.706415	1.20718	1.20718	0.0670446	2.77699	2.77699	0.370902	1.57958	1.57958	0.558121	0.744766	-1.3427	7.44826	29.2042	3.48528	1
cg22029587	INPP5D;INPP5D	0.0065012	0.496628	1.29331	1.29331	0.10943	1.9163	1.9163	0.0333213	2.52664	2.52664	0.492198	0.771095	-1.29686	0.000491812	0.130804	-7.64501	0.194075	1.66862	1.66862	0.0225163	2.76851	2.76851	0.383002	1.39567	1.39567	0.215462	0.615176	-1.62555	6.76898	14.8873	1.95497	1
cg12429610	INPP5D;INPP5D	0.00953735	0.242936	1.17834	1.17834	0.0325837	1.39924	1.39924	0.36502	0.882491	-1.13316	0.722456	0.953232	-1.04906	0.00884851	0.639194	-1.56447	0.0123311	1.51969	1.51969	0.0022547	1.77559	1.77559	0.852682	1.02528	1.02528	0.306214	1.1529	1.1529	6.00068	1.71425	0.253934	1
cg07026910	INPP5D;INPP5D	0.0106644	0.496303	1.10182	1.10182	0.142493	0.801475	-1.2477	0.00438146	1.70602	1.70602	0.384351	1.13338	1.13338	0.093747	1.29527	1.29527	0.578654	1.08193	1.08193	0.00151591	1.89883	1.89883	0.94305	1.01008	1.01008	0.0448628	0.723828	-1.38154	5.78997	1.80703	0.277419	1
cg15131282	INPP5D;INPP5D	0.0122338	0.357873	1.30691	1.30691	0.0941762	1.68361	1.68361	0.0365152	1.98975	1.98975	0.433263	0.797417	-1.25405	0.00365579	0.32864	-3.04285	0.0348292	2.00639	2.00639	0.0164128	2.29389	2.29389	0.177385	1.50055	1.50055	0.276238	0.725696	-1.37799	5.53868	7.03013	1.12825	1
cg27488364	INPP5D;INPP5D	0.0148724	0.434537	1.22195	1.22195	0.000850993	0.283597	-3.52613	0.539288	1.16911	1.16911	0.816437	0.943222	-1.0602	0.88411	1.03735	1.03735	0.515411	1.18034	1.18034	0.00338346	0.367218	-2.72318	0.506555	0.844159	-1.18461	0.598942	0.875104	-1.14272	5.19535	5.19999	0.889683	1
cg01218053	INPP5D;INPP5D	0.0153412	0.00168412	0.176312	-5.67177	0.0359429	0.38933	-2.56852	0.0297093	0.371865	-2.68915	0.0548047	0.43084	-2.32105	0.035669	0.388614	-2.57325	0.376182	0.703923	-1.42061	0.0215939	0.344185	-2.90542	0.0091982	0.278485	-3.59086	0.0178998	0.328753	-3.04179	5.14227	12.1714	2.10394	1
cg16448702	INPP5D;INPP5D	0.0283934	0.231569	1.25922	1.25922	0.942769	0.986898	-1.01328	0.117729	1.36625	1.36625	0.151183	1.3265	1.3265	0.0868952	0.706591	-1.41525	0.673223	0.925042	-1.08103	0.520736	1.12702	1.12702	0.43034	0.86255	-1.15935	0.00161919	0.436041	-2.29336	4.16723	2.22695	0.475017	1
cg05695429	INPP5D;INPP5D	0.0323067	0.0400709	0.426262	-2.34597	0.0235062	0.378179	-2.64425	0.0425109	0.431926	-2.31521	0.0419839	0.430724	-2.32167	0.545075	1.24623	1.24623	0.0265958	0.388856	-2.57165	0.0113869	0.32031	-3.12197	0.780862	0.904627	-1.10543	0.0295929	0.398301	-2.51067	3.98026	8.14271	1.81847	1
cg05208178	INPP5D;INPP5D	0.0345469	0.0847219	0.737704	-1.35556	0.160668	1.27011	1.27011	0.0166678	0.627269	-1.59421	0.441535	0.882304	-1.1334	0.00264106	0.514844	-1.94234	0.427805	0.878821	-1.13789	0.471225	1.12405	1.12405	0.591067	0.917096	-1.0904	0.266328	0.831272	-1.20298	3.8854	1.56663	0.358409	1
cg23553480	INPP5D;INPP5D	0.0348608	0.376068	1.4185	1.4185	0.0281662	2.71183	2.71183	0.0926036	2.03862	2.03862	0.694846	0.85922	-1.16385	0.00492147	0.238412	-4.19441	0.169879	1.75535	1.75535	0.394817	1.39851	1.39851	0.146684	1.82121	1.82121	0.585925	0.80921	-1.23577	3.87271	9.08458	2.08515	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg14012546	INPP5D;INPP5D	0.041339	0.623093	0.895136	-1.11715	0.08105	0.648844	-1.5413	0.0566882	0.627303	-1.61995	0.376749	0.8164407	-1.22488	0.545314	1.1467	1.1467	0.0224935	1.84272	1.84272	0.0122482	2.00704	2.00704	0.4276501	1.19857	1.19857	0.680205	0.911478	1.097012	1.64517	2.88721	0.704658	1
cg04126261	INPP5D;INPP5D;INPP5D;INPP5D	0.0389819	0.60644	1.29005	1.29005	0.0219779	3.8448	1.8448	0.0825822	2.5658	2.56758	0.2162	0.5677332	-1.76139	0.0178967	-2.044053	4.09746	0.4109555	1.50993	1.50993	0.0351532	3.32906	3.32906	0.366628	1.57547	1.57547	0.408836	0.6609991	-1.51288	3.71822	14.1447	3.38149	1
cg13741927	INPP5E	0.000417571	9.09E-05	0.328944	-3.04003	0.492066	0.895026	-1.11729	0.0270381	0.659641	-1.51598	0.000619604	0.432897	-2.31002	0.556661	1.0991	1.0991	0.0022664	8	0.507208	-1.97158	7.20E-05	0.3169904	-3.15553	0.394335	0.870521	-1.14874	0.00965247	0.592892	-1.68665	15.021	6.009554	0.355623	1
cg13975790	INPP5E	0.002536226	0.609547	1.20242	1.20242	0.00432496	1.92428	1.92428	0.0173202	0.973027	0.6942151	-1.00582	0.857348	0.9609594	-1.03136	0.0369151	0.659741	1.515575	0.0031162	0.499657	-2.00137	0.551532	0.90178	-1.10892	0.0771066	1.40117	1.40117	0.000589476	2.486825	8.99383	4.19498	0.414603	1
cg04285177	INPP5E	0.00480476	0.0368734	0.341029	-2.9323	0.0795559	0.421368	-2.37322	0.5881	0.784542	-1.27463	0.0586759	0.387619	-2.57985	0.0227405	0.298271	-3.35266	0.0728656	0.41152	-2.43001	0.000547053	0.0922724	-10.8375	0.000372205	0.07990158	-12.5132	0.205149	0.552544	-1.80981	7.42827	23.1675	2.77229	1
cg06569350	INPP5E	0.0111299	0.904382	0.976278	-1.0243	0.00335366	0.450525	-2.21963	0.00543885	0.481602	-2.07614	0.0217747	0.576885	-1.73475	0.0418058	0.625821	-1.59793	0.0049154	1	0.475017	-2.10519	0.220589	1.2934	1.2934	0.554658	0.887468	-1.1268	0.288121	0.802268	-1.24647	5.71086	3.62904	0.561836	1
cg12830299	INPP5E;INPP5E	0.00422668	0.00050516	0.690889	-1.44741	0.13676	0.896697	-1.1152	0.0998234	1.13052	1.13052	0.00921388	0.798623	-1.25216	0.112688	0.88918	-1.12463	0.00768749	0.792158	-1.26237	0.0113	0.8058888	-1.24087	0.00725827	0.7901034	-1.26566	0.2661152	0.9242111	-1.082	7.72291	0.5659357	0.0651403	1
cg16362899	INPP5E	0.00129401	0.331963	0.842154	-1.18743	0.0219753	0.623974	-1.60263	0.000278747	0.960419	-2.77455	0.665099	1.07762	1.07762	0.00102262	0.433731	-2.30558	0.0225121	0.625603	-1.59846	0.0242548	1.58565	1.58565	0.5267766	0.8992615	-1.11575	0.00142553	0.452949	-2.20775	10.9335	5.10124	0.414728	1
cg27233504	INPP5E	0.00217566	0.604175	1.09446	1.09446	0.582843	0.908706	-1.10047	0.0318379	0.647794	-1.5437	0.610925	0.915256	-1.09259	0.0010385	0.432326	-2.31307	0.0189456	1.02429	1.02429	0.000235604	2.86337	2.863337	0.225886	0.8029391	-1.24544	0.0986873	0.731612	-1.36684	9.40785	4.438227	0.419345	1
cg11546537	INPP5F;INPP5F	6.12E-05	0.0136309	0.319939	-3.1256	0.377727	1.40215	1.40215	0.000781238	0.149944	-6.66914	0.243993	0.634307	-1.57652	8.96E-06	0.0275029	-36.3598	0.13246	0.545363	-1.83364	0.000187715	0.0950361	-10.5233	1.06E-05	0.0297766	-33.5834	0.856609	1.06988	1.06988	25.2345	55.74	1.96345	1
cg16133559	INPP5F;INPP5F	0.000223049	0.000219348	0.672414	-1.48763	0.0345257	0.138249	1.84284	0.0169751	2.19576	2.19576	0.0486426	0.20655	-4.84155	0.0053169	0.4529	-2.20824	0.0128068	1	0.786886	-1.27085	1.04E-05	0.62158	-1.60881	0.0015646	4.49718	0.0119746	2.82112	2.82112	17.8343	31.6118	5.6407	1
cg17213342	INPP5F;INPP5F	0.000245666	0.100269	1.17063	1.17063	0.477065	1.0653	0.0017331	1.47833	1.47833	0.00213636	0.685608	-1.48756	0.755702	1.02768	1.02768	1.02768	0.1739334	1.13492	1.13492	0.426E-05	0.506294	-1.97514	0.78026	0.975828	-1.02477	0.000395459	0.610396	-1.63828	17.3725	2.10616	0.107764	1
cg18425617	INPP5F;INPP5F	0.000882964	0.456564	1.263104	-1.15009	0.00209356	0.67417	1.67417	0.0179075	1.66268	1.66268	0.4424455	0.756564	-1.32179	0.693739	1.0645935	-1.1514	0.3855047	1.72943	1.37285	0.4145	0.0499021	-20.0392	0.625375	1.19158	1.19158	0.8346657	1.107729	-1.07239	12.1883	24.4947	1.78638	1
cg10053779	INPP5F;INPP5F	0.00243814	0.001178949	0.16366	-6.11024	0.00683823	0.241749	-4.13652	0.00128533	0.14927	-6.69929	0.00190299	0.168153	-5.94697	0.0335773	0.365611	-2.73514	0.0035542	0.226127	4.4223	0.00225189	0.176754	-5.65759	0.0254399	0.340798	-2.93429	0.00400537	0.208584	-4.79423	9.09885	23.6725	2.33262	1
cg10149021	INPP5F;INPP5F	0.00403747	0.0780676	0.682652	-1.46487	0.0129544	0.7305	1.42875	0.00946248	1.8988	1.8988	0.149912	0.740027	-1.35122	0.0076958	0.512187	-1.95241	0.296296	1.23512	1.23512	0.00387657	0.648349	-2.13516	0.0271788	0.600595	-1.66501	0.405879	0.8472	-1.18036	7.03745	4.715777	0.53532	1
cg12052957	INPP5F;INPP5F	0.00243508	0.00197653	0.62879	-1.59042	0.0265106	0.621194	-1.6124	0.734983	1.08131	1.08131	0.01001305	0.218852	0.4589	-2.17896	0.0045398	0.456548	1.6054	1	0.6054	1.65146	0.0009834	3.107333	3.107333	0.0189915	1.92167	1.92167	0.73778	0.645059	1.744669	1.92167	0.73778	0.645059	1.744669	1
cg08338216	INPP5F;INPP5F	0.00903744	0.0396224	2.2222	2.2222	0.00384882	3.69514	3.69514	0.0205627	2.55022	2.55022	0.353205	1.37789	1.37789	0.01505045	2.725547	2.72547	0.0260034	2.42696	2.42696	0.00123036	4.88388	4.88388	0.0114411	2.89195	2.89195	0.0306649	2.34443	2.34443	5.10433	10.8866	1.58527	1
cg02722214	INPP5F;INPP5F	0.00990222	0.00183915	4.79554	4.79554	0.0249613	2.57377	2.57377	0.08801229	1.94657	1.94657	0.362519	1.39326	1.39326	0.00265798	4.34492	4.34492	0.0899121	1.94233	1.94233	0.133007	1.77599	1.77599	0.00233633	4.51228	4.51228	0.0666812	2.072117	2.072117	5.92022	11.7917	1.76777	1
cg08165618	INPP5F;INPP5F	0.00264127	0.2165919	2.16659	2.16659	0.000830404	4.38398	4.38398	0.0139	3.18005	3.18005	0.332004	1.34327	1.34327	0.01923388	2.29731	2.29731	0.0409031	1.94986	1.94986	0.0247371	4.42592	4.42592	0.00965503	2.61618	2.61618	0.007654423	2.73697	2.73697	5.63056	7.69249	1.2144	1
cg19004007	INPP5F;INPP5F	0.01262884	0.0198111	0.653025	-1.53133	0.0551376	1.39006	1.39006	0.00306985	1.84782	1.84782	0.884513	0.978226	-1.02226	0.0157818	0.638897	-1.5652	0.870963	0.975677	-1.02493	0.153579	0.793394	-1.26041	0.701934	0.943418	-1.05998	0.260302	1.19464	1.19464	5.48177	1.99191	0.322095	1
cg20542785	INPP5F;INPP5F	0.01638896	0.8762642	0.966236	-1.0349	0.0972112	1.70384	1.70384	0.0135161	1.70381	1.70381	0.213534	1.33429	1.33429	0.0990218	1.98628	1.98628	0.0318733	0.57478	-1.73979	0.33128	0.802334	-1.24636	0.0935299	0.625259	0.625259	0.924058	0.979226	1.021122	0.03053	3.86264	2.682518	1
cg07679322	INPP5F;INPP5F	0.0336423	0.940708	1.04121	1.04121	0.0032037	0.466392	-2.14412	0.0302397	0.617062	-1.62058	0.835207	1.04029	1.04029	0.01751532	0.579729	-1.73032	0.573436	0.89774	-1.11391	0.443932	0.864166	-1.15718	0.1680777	1.32123	1.32123	0.834316	1.04052	1.04052	9.32276	2.373043	0.506227	1
cg19978242	INPP5F;INPP5F	0.0365374	0.37571	1.28159	1.28159	0.417137	1.25704	1.25704	0.0130304	1.89654	1.89654	0.1662	0.7788564	1.29005	1.71598	1.71598	1.71598	0.1228617	1.5868	1.5868	0.0154422	1.16314	1.16314	0.00584122	2.70753	2.70753	0.0147832	2.88839	2.88839	18.8027	4.9405	1.02255	1
cg19650520	INPP5J	0.00290551	0.389143	0.831204	-1.20307	0.00527517	2.16088	2.16088	0.828519	0.955575	-1.04649	0.033576	0.594484	-1.68213	0.000109704	0.2401027	4.1648	0.183848	0.744267	-1.3436	0.78898	1.0578	1.0578	0.2610444	0.7822272	-1.27833	0.3335577	0.81145	-1.23236	8.6398	6.004992	0.617805	1
cg26373518	INPP5J	0.0193021	0.0268685	1.902251	1.902251	0.269155	1.3262	1.3262	0.0167427	2.047	2.0467	0.0244772	0.285037	2.830704	0.0442722	1.66554	1.66554	0.94309	0.982638	-1.01767	0.38494	1.24427	1.24427	0.3108223	1.29338	1.29338	0.00434218	2.5473	2.5473	4.765158	4.538771	0.847283	1
cg10506353	INPP5J	0.022221	0.0114777	2.818512	2.818512	0.0158478	2.270105	2.270105	0.631361	1.242711	1.242711	0.0009784	0.1655156	3.691731	0.0152686	1.962162	1.962162	0.4346513	1.37409	1.37409	0.0073558	2.024379	2.024379	0.1731902	1.594855	1.594855	0.1183866	0.4057525	0.711302	-1.40587	4.4382	1.512572	0.257982	1
cg18053607	INPP5J;INPP5J	0.0254094	0.056234	1.88821	1.88821	0.0970537	1.70815	1.70815	0.0390196	2.01851	2.01851	0.00531072	2.944631	2.94463	0.27853	1.39271	1.39271	0.4243171	1.27106	1.27106	0.1034307	0.592356	-1.68818	0.9084669	0.966753	-1.03439	0.0310092	2.59696	2.59696	4.33267	5.93077	1.21676	1
cg07717347	INPP5K;INPP5K;INPP5K	0.00232282	0.2802189	1.623359	1.623359	0.0598703	1.13185	1.13185	0.0185569	1.47146	1.47146	0.0425481	0.508112	1.04094	1.042408	0.8794705	-1.13701	7.96E-05	0.382086	2.617271	0.4134291	1.11076	1.11076	0.8088155	0.909836	-1.09981	0.1060468	1.72963	1.72963	3.353203	9.232204	2.65087	0.256486	1
cg24516799	INPP5K;INPP5K;INPP5K	0.00741197	0.0314081	0.50468	-1.98145	0.00550571	0.372104	-2.68742	0.438124	0.807137	-1.23895	0.214466	0.701835	-1.42484	0.003445151	0.2100098	-4.7597	0.558662	0.851952	-1.17378	0.076142	1.7068	1.7068	0.4447141	0.809726	-1.23499	0.377045	0.782261	1.278355	4.699779	1.55325	1.03324	1
cg07185664	INPP5K;INPP5K;INPP5K	0.0267318	0.0683461	0.448216	-2.23107	0.245423	0.620186	-1.61242	0.00714469	0.255117	-3.91977	0.557745	0.79206	-1.26253	0.00188629	0.176878	-5.65363	0.0515836	0.41842	-2.38994	0.0720279	0.454018	-2.20256	0.889304	0.946711	-1.05629	0.0652652	0.443182	-2.25641	4.25654	10.424	2.17683	1
	INPP5K;CLC1003005951;INPP5K;INPP5K																																	
cg05364326	NPPSL;INPP5K;INPP5K	0.001982	0.9196609	1.03048	1.03048	0.0485405	0.777727	-1.2858	0.922531	0.9714188	-1.02935	0.29506	0.724025	-1.38117	0.415725	0.780846	-1.28066	0.878672	0.955580	-1.04648	1.64E-05	0.0715189	-13.9823	0.889818	1.04208	1.04208	0.832164	0.938839	-1.06515	0.667333	13.5404	1.24501	1
cg11930406	OIP5-05	0.0004583	0.4388281	1.11199	1.11199	0.0175369	0.59519	-1.67953	0.460896	0.855333	-1.16855	0.11199	0.84	-1.19048	0.1199	0.84	-1.19048	0.2215	1.08E-07	1.11199	0.0001	1.01728	1.01728	0.6162887	0.9273763	-1.07836	0.0295642	0.682134	-1.46599	0.66171	9.3982	0.31386	1
cg09313740	INPPL1	0.000201736	0.00259653	0.752154	-1.32951	0.268836	0.924409	-1.08177	0.84013	1.01388	1.01388	0.00056329	0.694289	-1.44032	0.00112283	0.720824	1.3873	0.0039566	4	0.76757	-1.30281	5.35E-05	1.67284	1.67284	0.474256	1.05092	1.05092	0.206411	1.09522	18.3282	1.35219	0.0655791	1
cg10119679	INPPL1	0.00392118	0.0019173	0.645732	-2.2435	0.00300009	0.473032	-2.11402	0.0852857	1.41895	1.41895	0.00962629	1.82715	1.82715	0.01955	0.725484	-1.37839	0.0279646	0.62062	-1.61222	0.943915	0.987143	1.01302	0.97919	0.995214	-1.00481	0.160543	1.31748	1.31748	7.89571	4.2327	0.476271	1
cg25854760	INPPL1	0.0081225	0.815517	0.97872	-1.02178	0.00795329	0.326204	-1.0651	0.315172	0.40037	-2.49737	0.40037	0.183884	1.58316	0.184515	0.6109531	-1.63702	0.0024138	1	0.25411	-3.9353	0.0168215	2.57481	2.57481	0.088275	0.8831953	-1.13462	0.889522	1.04223	6.31387	10.5114	1.47984	1
cg14371107	INPPL1	0.0298669	0.419831	1.37716	1.37716	0.805159	1.10274	1.10274	0.809152	1.0985	1.0985	0.4409097	1.35682	1.35682	0.93015	1.03463	1.03463	0.0005054	61	0.121179	-8.25226	0.279864	0.646501	-1.54679	0.988886	1.00542	1.00542	0.932461	0.967625	-1.03346	4.03929	9.77334	2.12236	1
cg08932665	INPPL1	0.0415629	0.5157773	1.07455	1.07455	0.0476267	0.6324	-1.65306	0.3020356	1.36756	1.36756	0.0985923	1.49467	1.49467	0.0803857	0.6024	-1.66003	0.3142053	1.79381	1.79381	0.1755	1.32009	1.32009	0.2974403	1.55202	1.55202	0.1644	0.6404703	-1.56171	0.62447	3.85153	4.8715	0.693127	1
cg09503234	INS-IGF2;IGF2;IGF2;IGF2	0.00349192	0.162727	0.685863	-1.45802	0.0116958	0.450613	-2.2192	0.624631	1.1329	1.1329	0.0952544	0.62888	-1.59013	0.0222846	0.339838	2.94258	0.0001008	0.00108322	0.179275	5.62034	0.0005501	0.25726	-3.88704	0.0001149	0.20384	-4.90582	0.000194698	0.204714	4.88486	15.7793	16.0011	0.901384	1
cg06676088	INS-IGF2;IGF2;IGF2;IGF2	0.00143528	0.6101154	1.08173	1.08173	0.996674	0.999363	-1.00064	0.984877	1.0029	1.0029	0.071959	1.35914	1.35914	0.000634417	0.448524	-2.22956	0.0078134	9	1.68474	1.68474	0.0327651	1.46459	1.46459	0.00155975	0.499296	-2.00282	0.007918888	0.59437	-1.68245	10.6134	3.902178	0.32854	1
cg08409596	INS-IGF2;IGF2;IGF2;IGF2	0.00479504	0.0045798	0.515773	-1.93907	0.0476269	0.271914	-3.6536	0.3616196	0.643208	-1.55473	0.2139509	0.574029	1.74162	0.0885923	0.449467	-2.22439	0.0148503	1	0.154755	-6.46205	0.0035944	0.32009	-3.12309	0.0078401	0.3142453	-3.18216	0.0070883	0.374645	-2.66973	0.165371	6.924247	2.85395	0.693127	1
cg02613624	INS-IGF2;IGF2;IGF2;IGF2	0.00478674	0.0323462	0.595548	-1.67913	0.688405	0.08695	-1.08695	0.00483371	2.1664	2.1664	0.760965	1.08124	1.08124	0.00337803	0.438474	2.28064	0.955387	0.98496	-1.01164	0.0056399	2.11987	2.11987	0.128347	0.7117932	-1.4049	0.0600034	0.644782	-1.55091	7.43677	5.03846	0.602228	1
cg13165070	INS-IGF2;IGF2;IGF2;IGF2	0.00483195	0.0038832	0.5	-2.00003	0.0035478	0.2421	-4.13121	0.0020974	0.40974	-2.44074	0.0020974	0.191281	5.22911	0.0004496	0.3027088	3.30147	0.0001	1	0.0001	10000	0.0001	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	1
cg07096953	INS-IGF2;IGF2;IGF2;IGF2	0.00509043	0.00745513	0.281244	-3.55563	0.483897	1.29942	1.29942	0.537041	1.25875	1.25875	0.882643	0.94707	-1.05589	0.000835813	0.15711	-6.36495	0.0680959	0.472294	2.117333	0.00225325	0.207213	-4.82595	0.00689967	0.2759053	-3.6238	0.345974	0.699549	-1.42949	7.29853	15.6675	1.90814	1
cg02739427	INS-IGF2;IGF2;IGF2;IGF2	0.00907038	0.0749571	0.46093	-2.45473	0.323537	0.629884	-1.58769	0.2236	0.447146	-2.23596	0.2936493	0.610182	-1.63906	0.0152353	0.259903	-3.84826	0.0042698	0.177005	5.64954	0.0001272	0.011884	4.71956	0.0032795	0.162954	-6.13581	0.00189844	0.139583	-7.16388	6.07128	19.8152	2.89399	1
cg12528452	INS-IGF2;IGF2;IGF2;IGF2	0.0109039	0.0190967	0.81812	-1.13303	0.612373	0.744701	-1.34282	0.0499214	1.78754	1.78754	0.658514	1.69846	1.69846	0.120913	0.640043	-1.54788	0.0911435	0.616712	1.6215	0.545978	1.1112	1.1112	0.1705112	0.6558089	-1.59155	0.012236	0.446525	2.24959	5.82894	2.1329	0.949942	1
cg13167664	INS-IGF2;IGF2;IGF2;IGF2	0.0104892	0.0178988	0.499819	-2.00072	0.758052	1.0494	1.0494	0.733444	0.948055	-1.05479	0.483961	0.894936	-1.1174	0.8466636	0.742603	-1.34661	0.143881	1.27766	1.27766	0.0138151	0.621975	-1.60778	0.961304	0.992457	-1.0076	0.0111977	1.64216	1.64216	5.82085	2.245	0.342829	1
cg17208809	INS-IGF2;IGF2;IGF2;IGF2	0.0120809	0.0149103	0.528107	-1.89355	0.0445507	0.737327	-1.3564	0.0495705	0.970658	-1.03045	0.0371583	0.613655	1.63004	0.0045153	0.2706	-3.69742	0.0001	1	0.0001	10000	0.0001	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	1
cg26913576	INS-IGF2;IGF2;IGF2;IGF2	0.0166641	0.150706	0.695234	-1.43837	0.03187	0.511064	-1.9567	0.214327	0.734511	-1.36145	0.103672	0.657045	-1.52197	0.0180343	0.507612	-1.97001	0.0050393	2	0.416683	-2.39991	0.522066	0.858013	-1.16548	0.0021555	0.361789	-2.76404	0.017282	0.504384	-1.98262	5.00273	4.41345	0.784186	1
cg08986168	INS-IGF2;IGF2;IGF2;IGF2	0.0194569	0.500889	0.833631	-1.19995	0.615861	1.30578	1.30578	0.217192	0.703874	-1.42118	0.282452	0.742669	-1.3465	0.163273	0.684208	-1.46127	0.0254077	1	0.323478	-3.09131	0.1024473	1.44571	1.44571	0.0449047	0.6720728	-1.2264	0.2215971	0.671378	-1.48947	4.66609	0.918332	1.31794	1
cg22956483	INS-IGF2;IGF2;IGF2;IGF2	0.0225123	0.0672907	0.507946	-1.96871	0.104473	1.79729	1.79729	0.70328	0.881224	-1.13479	0.540384	1.22722	1.22722	0.00369164	0.273538	-3.6558	0.020002	1	0.395579	-2.52794	0.144903	0.596178	-1.67735	0.0259304	0.417509	-2.39516	0.136704	0.588422	-1.69831	4.51807	7.80927	1.5364	1
cg00570518	INS-IGF2;IGF2;IGF2;IGF2	0.0226224	0.097829	0.7	-1.42857	0.0444444	0.7	-1.42857	0.0222	0.81428	1.4162	0.0222	0.81428	1.4162	0.0222	0.81428	1.4162	0.0534077	0.702328	1.42384	0.125535	0.17659	1.17659	0.0018476	0.4924053	2.0302	0.0117727	0.76148	1.31321	4.26202	0.0317372	0.76148	1.31321	4.26202	1
cg02807948	INS-IGF2;IGF2;IGF2;IGF2	0.0361579	0.0108346	0.439763	-2.27395	0.0107999	0.439528	-2.27517	0.736221	0.916861	-1.09068	0.228036	0.722648	-1.3838	0.00680021	0.406437	-2.46041	0.0470616	0.557963	-1.79223	0.0533793	0.560281	-1.7566	0.106084	0.6356535	-1.57323	0.318335	0.767369	-1.30315	3.82175	3.98842	0.927885	1
cg23886607	INS-IGF2;IGF2;IGF2;IGF2	0.0373361	0.1317354	0.378544	-2.6417	0.168619	0.416497	-2.40208	0.181324	0.428569	-2.33335	0.293192	0.521481	-1.91762	0.0544802	0.213603	-4.68161	0.0001	1	0.0001	10000	0.0001	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	1
cg16977706	INS-IGF2;IGF2;IGF2;IGF2	0.0320418	0.0189571	0.742906	-1.34607	0.840882	1.02125	1.02125	0.159207	1.17042	1.17042	0.00422959	0.669945	-1.49266	0.602256	-1.95478	0.47435	0.121339	1.19206	1.19206	0.080541	0.816491	-1.22475	0.328493	0.89988	-1.11128	0.980351	1.002058	1.002901	1.69171	0.154023	1
cg06029905	INS-IGF2;IGF2;IGF2;MIR483;IGF2	0.00108087	0.235237	0.785429	-1.27319	0.0424894	0.635368	-1.57389	0.71135	0.93038	-1.07483	0.492442	0.873451	-1.14494	0.000726399	0.36871	-2.71216	0.0019472	0.427092	-2.34141	0.474276	0.868246	-1.15175	7.04E-06	0.145249	-6.88475	0.000103777	0.263756	-3.79138	18.9005	11.283	0.530638	1
	INS-																																	
cg25163476	IGF2;IGF2;IGF2A/IGF2;IGF2A/IGF2	0.0449738	0.0019098	0.437449	4.37449	0.1472	0.593266	-1.68558	0.368283	0.733336	-1.36369	0.471879	1.278431	1.278431	0.0794352	0.956015	-1.04601	0.873667	1.05486	1.05486	0.164208	0.607611	-1.64579	0.925075	1.03208	1.03208	0.201008	1.57351	1.57351	5.36229	6.29253	1.58619	1
cg14432744	INS-IGF2;IGF2;IGF2A/IGF2	0.0500584	0.0957615	0.624612	-1.60099	0.0165841	0.89787	1.89787	0.333872	1.7432	1.7432	0.00301239	0.598452	0.59852	-1.67098	0.369144	0.691997	0.0266545	1	0.851604	1.17437	0.2232636	1.20236	1.20236	0.0917137	0.369601	-2.70496	0.263874	0.775646	-1.28925	9.5716	7.2941	0.676019	1
cg19137676	INS-IGF2;IGF2;IGF2;IGF2	0.0195509	0.0930521	0.578361	-1.72903	0.642534	1.14857	1.14857	0.261405	1.45493	1.45493	0.00105475	0.402626	0.20626	0.206873	0.674025	1.48362	0.0964565	1.71747	1.71747	0.549241	1.19671	1.19671	0.115953	0.6027093	-1.65918	0.857512	0.948135	-1.0547	4.74096	6.59405	1.23633	1
cg24439505	INS-IGF2;IGF2;INS-IGF2	0.039368	0.0383917	0.421119	-2.37463	0.0133548	0.3185	3.0185	0.728769	1.1337	1.1337	0.7020387	0.870628	-1.1486	0.666607	0.476516	-2.09857	0.504454	1.27656	1.27656	0.620183	0.835196	-1.19732	0.0222989	0.372601	-2.68384	0.180858	0.604819	-1.65339	3.70478	7.6245	1.82935	1
	INS-																																	
cg04072545	IGF2;IGF2AS/IGF2;IGF2;IGF2AS/IGF2	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg21664459	INSM2	0.00225325	0.366128	0.838496	-1.19197	1.405416	0.852298	-1.17468	0.704636	1.07469	0.630417	1.09424	1.09424	1.08851	1.29304	1.29304	0.471987	1.1484	1.1484	1.00152806	0.36068	-2.77254	0.000128395	0.283842	-3.52309	0.3609497	0.840036	-1.19043	9.31186	5.27539	0.503577	1
cg14181669	INSM2	0.0211747	0.52443	1.1255	1.2256	2.200864	1.28096	1.28096	0.735151	1.06421	1.06421	1.06049	1.1017	1.1017	1.06419	1.31245	1.31245	0.234134	1.795642	-1.25685	0.00921061	1.6035	0.460623	1.14761	1.14761	1.08305	1.42154	1.42154	1.61395	2.454893	0.47294	1
cg13504570	INSM2	0.0469486	0.873418	1.04	1.04	1.065531	0.959169	-1.04257	0.222688	0.729648	-1.37052	1.126697	0.666077	-1.50133	0.017852	0.492515	-2.0304	0.429271	0.81998	-1.21954	0.005503993	0.407537	-2.45377	0.079147	1.61518	1.61518	0.649976	0.893711	-1.11893	3.469385	3.324488	0.851753	1
cg26503113	INSM2;INSM2	0.0038342	0.0702402	1.39231	1.39231	1.0067755	0.563361	-1.77503	0.00253923	0.504046	-1.98395	0.0729489	1.38695	1.38695	0.0105322	1.55071	1.69288	0.0354442	1.42623	1.42623	0.0306692	1.51473	1.51473	0.207904	0.804082	-1.24254	0.847085	0.96082	-1.01208	7.95322	3.368899	0.376535	1
cg18415686	INSM2;INSM2	0.0114837	0.0884902	0.6174164	-1.62664	0.00058889	1.95315	3.95315	0.729389	1.09407	0.189405	1.79355	-1.39365	0.094586	0.504546	0.839873	-1.19066	0.240947	1.3741	1.3741	0.648278	0.557125	-1.79365	0.091811	1.61787	1.61787	0.348029	2.184119	5.65345	6.00083	0.943507	1
cg19665498	INSR;INSR	0.00080265	0.00721117	0.592059	-1.68902	0.1032598	0.763894	-1.30008	0.131952	1.1286	1.2786	1.0011713	0.4867227	-2.05454	0.0207379	0.6564724	-2.52329	5.28E-05	0.319120	-1.13157	0.971852	1.00535	1.00535	0.106364	1.30542	1.30542	0.971546	0.994623	-1.00541	12.1508	4.39654	0.321628	1
cg04400110	INSR;INSR	0.00926322	0.278213	1.27766	1.27766	0.369293	0.818741	-1.22139	0.0945763	1.49602	1.49602	0.2114811	1.33194	1.33194	0.0881319	0.6618	-1.51103	0.000945555	0.326077	3.1184	4.16E-05	0.152064	-6.57618	0.916079	1.02303	1.02303	0.212543	1.33095	1.33095	1.46783	10.6189	0.562674	1
cg12280622	INSR;INSR	0.00116258	0.0158991	2.179883	2.179883	0.0435095	1.181353	1.181353	0.0466821	1.814551	1.814551	0.0101243	1.58422	1.58422	0.0239554	0.4904644	-2.02411	0.558027	0.855663	1.16868	8.53E-07	6.345422	6.345422	0.107276	1.589451	1.589451	0.942629	0.981336	-1.01902	11.2732	12.2341	0.964659	1
cg23849396	INSR;INSR	0.00128568	0.107036	0.788742	1.26784	0.060878	1.32975	1.32975	0.9044	0.983923	-1.01634	0.0077086	0.58578	1.98578	0.0213709	0.5347223	1.87013	0.00752035	1.59041	1.59041	0.00247585	1.76386	1.76386	0.23139	1.84651	1.84651	0.282877	0.860268	-1.16243	0.95137	3.15649	0.256147	1
cg25508527	INSR;INSR	0.00224389	0.0224398	0.74035	-1.35071	0.13791	0.838936	-1.19199	0.711601	0.96	-1.04167	0.745511	0.964833	-1.03645	0.004444422	0.65887	-1.51775	0.624034	0.947142	-1.05581	3.34E-05	0.412868	-2.42208	0.219651	0.867716	-1.15245	0.420068	0.91342	-1.09479	9.32322	1.78441	0.170128	1
cg24844769	INSR;INSR	0.00226898	0.0562467	0.895407	-1.11745	0.123617	1.19348	1.19348	0.0746138	0.942626	-1.06087	0.7492541	0.9005	1.0005	0.05E-05	0.350988	-2.84953	0.29623	1.21775	1.21775	0.1046516	1.380708	1.380708	0.253261	1.24204	1.24204	0.0181957	0.59361	-1.68461	0.2929	4.869955	0.467585	1
cg18098507	INSR;INSR	0.00291894	0.572378	0.878317	-1.13854	0.144722	1.42799	1.42799	0.585823	0.882374	-1.13331	0.917238	1.02092	1.02092	0.346	0.6516804	-1.6303	0.443922	1.19425	1.19425	0.874042	1.03674	1.03674	0.462943	0.843725	-1.18522	0.319624	0.791434	-1.26353	8.627099	0.726819	1
cg17350552	INSR;INSR	0.00411533	0.178229	0.675583	-1.48022	0.502469	0.829776	1.205514	0.3432224	0.528568	-1.89191	0.4695933	0.817335	-1.22349	0.01656424	0.290986	-3.44959	0.021128	0.467577	-2.13869	0.000121513	0.158812	-6.29675	0.557725	0.849977	-1.1765	0.101347	0.611507	-1.63553	7.78645	9.26859	1.05822	1
cg18692056	INSR;INSR	0.00583775	0.523555	1.18247	1.18247	0.0199745	0.482845	-2.07106	0.1558361	1.47609	1.47609	0.665478	1.11939	1.11939	0.127804	0.7606	-1.23938	0.0120473	0.444057	-2.25196	0.000274919	0.133484	-4.68638	0.672381	1.11659	1.11659	0.079148	0.603116	-1.65752	6.998084	7.45011	0.946306	1
cg13727618	INSR;INSR	0.00585183	0.00509511	0.111533	-8.96594	0.0836859	0.461428	-2.16719	0.211266	0.587358	-1.70254	0.00810238	0.254152	-3.93466	0.0060543	0.234949	-4.25624	0.307964	0.53167	1.53167	0.0192284	0.2861	-3.49573	0.964854	1.01796	1.01796	0.041741	0.38739	-2.58138	0.692898	18.0789	2.29807	1
cg07682645	INSR;INSR	0.0097403	0.379523	1.03615	-1.34315	0.3549	1.32888	1.32888	0.0030888	1.24607	1.24607	0.00768354	1.44555	1.44555	0.1210186	0.8594584	-1.16364	0.353718	0.731793	-1.36651	0.0218694	0.428152	-2.33562	0.352664	0.731264	-1.3675	0.202304	0.643091	-1.55354	5.96052	10.1097	1.50766	1
cg23362997	INSR;INSR	0.010246	0.100973	0.553326	-1.80725	0.165152	1.625341	1.625341	0.319095	1.39957	1.39957	0.961183	0.984314	-1.01594	0.638088	1.16658	1.16658	0.000677721	0.163396	6.1201	0.156611	0.608139	-1.64436	0.445098	1.28867	1.28867	0.0171028	2.65004	2.65004	0.66195	10.8994	1.27249	1
cg24295658	INSR;INSR	0.0104923	0.0282406	0.803933	-1.24398	0.0103528	1.123579	1.53273	0.0684685	1.195751	1.19525	0.398735	0.972336	-1.07848	0.4160596	1.07381	1.07381	0.989325	0.998831	-1.00017	0.210084	0.912286	-1.09615	0.018773	1.31601	1.31601	0.989478	0.998848	-1.00115	5.8203	0.704867	0.107649	1
cg16040495	INSR;INSR	0.0285851	0.08163732	1.252662	1.23068	0.6925607	1.143457	1.143457	0.104867	1.00768354	1.44555	1.44555	0.1210186	0.8594584	-1.16364	0.353718	0.731793	-1.36651	0.218694	0.428152	-2.33562	0.352664	0.731264	-1.3675	0.202304	0.643091	-1.55354	5.96052	10.1097	1.50766	1
cg13976219	INSR;INSR	0.0348496	0.0382409	0.705274	-1.41789	0.138494	1.26096	1.26096	0.176574	1.23228	1.23228	0.522064	1.09893	1.09893	0.0390902	0.706676	-1.41508	0.886072	0.979372	-1.02106	0.0288937	0.68759	-1.45435	0.017768	0.657666	-1.52053	0.662057	1.10603	1.10603	1.87516	1.29667	0.297584	1
cg26532951	INSR;INSR	0.0406265	0.416858	1.087317	1.087317	0.0208724	1.058575	1.058575	0.0687271	1.364008	1.364008	0.1179728	1.224044	1.22696	0.0202531	1.238319	1.238319	0.398335	0.936135	-1.06822	0.0262744	0.841772	-1.22282	0.940177	0.984707	-1.01553	0.620303	0.962602	-1.03885	3.66209	0.33794	0.0820028	1
cg12975470	INSR;INSR	3.21E-06	0.0397072	1.170559	1.170559	0.0086233	0.718027	-1.3927	0.0237493	1.95713	1.19573	0.0133586	1.36071	1.36071	0.652105	0.97039	-1.03051	8.26E-08	0.309392	-3.23214	3.49E-05	0.588731	-1.69857	0.461134	1.05095	1.05095	0.051516	0.863469	-1.15812	54.3908	3.77844	0.0617496	1
cg15807287	INSR;INSR	8.26E-06	0.026132	1.784213	1.362	2.13E-06	0.256038	1.362	0.0000492	2.11905	1.21905	0.0002404	2.56031	1.78471	0.0885516	0.8235555	-1.24602	1.51E-05	0.998481	-1.00152	0.521478	0.867353	-1.15309	0.267387	0.77299	0.64257	-1.40E-05	0.346331	2.484741	42.6357	3.104939	1
cg21661680	INSR;INSR	1.82E-05	0.405339	0.937352	-1.06683	0.587435	1.04251	1.04251	5.65E-06	0.459523	-2.17617	0.000182452	1.61749	1.61749	1.80E-05	0.5141338	1.945	0.0221886	0.81192	-1.23165	0.0313094	1.21162	1.21162	0.000441437	1.5245	1.5245	0.289224	0.919801	-1.08719	34.7054	3.173999	0.0812937	1
cg00530650	INSR;INSR	2.52E-05	0.79749	1.05785	1.05785	2.40E-05	0.244734	-4.08774	0.784928	1.04679	1.04679	0.0960793	1.35734	1.35734	0.45124	0.912299	1.20206	1.00E-05	0.208964	-4.7855	1.67E-05	0.222867	-4.38853	0.353644	1.17298	1.17298	0.00196353	0.481167	-2.07828	11.8714	14.1075	0.393456	1
cg02477548	INSR;INSR	5.43E-05	0.932529	0.824672	-1.33498	0.0799853	1.144355	1.144355	0.0127479	1.12035	1.12035	0.0570005	0.685048	0.685048	0.0168982	0.8511227	-1.17455	8.41E-06	0.125282	-7.98035	0.157152	0.732958	1.23645	0.268653	0.988953	1.01117	0.960893	0.994719	-1.00531	6.06532	16.4033	0.279751	1
cg21670396	INSR;INSR	0.00235614	0.00638306	0.705399	-1.41764	0.125054	1.17734	1.17734	0.871687	1.01602	1.01602	2.344E-05	0.435757	-2.29486	0.00343037	0.676099	-1.47711	0.402843	1.08782	1.08782	0.00273646	1.50174	1.50174	0.07628	0.823721	-1.214	0.00102359	0.619613	-1.61391	17.5713	2.69054	0.136108	1
cg00929154	INSR;INSR	0.00265302	0.0206534	2.47277	2.462277	0.0342019	1.291594	1.291594	0.0607184	1.237753	1.10719	0.9318314	1.12284	1.12284	0.1404256	0.8921511	1.12284	0.82462	1.10901	1.10901	0.1003084	0.9012706	1.12284	0.2215384	0.9947	1.4947	0.4947	0.9947	0.00425632	1.93396	1.93396	16.4636	7.52345	0.4185163	1
cg00645755	INSR;INSR	0.00031686	0.0996944	1.59964	1.60E-05	0.78086	6.78086	6.78086	0.775074	1.81632	1.81632	0.239851	0.725828	-1.37774	0.531756	0.847947	1.17932	0.00260583	1.98648	1.98648	0.0211441	0.580594	1.58594	0.143078	1.50648	1.50648	0.206144	17.4006	0.95439	1
cg05089300	INSR;INSR	0.00036911	0.00074886	0.235362	-4.24877	0.000143162	0.156678	-6.3825	0.00144244	0.271834	-3.67871	0.893448	0.962806	-1.03863	3.22E-05	0.101497	-9.8525	0.615877	0.866691	-1.15381	0.00951407	0.39493	-2.5321	0.220354	0.694575	-1.43973	0.0176877	0.44218	-2.26152	15.5403	19.6892	1.1262	1
cg13761594	INSR;INSR	0.0502403	0.650247	1.090919	1.090919	0.0208724	1.058575	1.058575	0.0687271	1.364008	1.364008	0.1179728	1.224044	1.22696	0.0202531	1.238319	1.238319	0.398335	0.936135	-1.06822	0.0262744	0.841772	-1.22282	0.940177	0.984707	-1.01553	0.620303	0.962602	-1.03885	3.66209	0.33794	0.0820028	1
cg01367587	INSR;INSR	0.00080576	0.0249111	1.5347	1.5347	0.00475956	2.73419	2.73419	0.6514	1.31164	1.31164	0.00804487	1.86361	1.86361	0.0009518	0.405363	-2.46693	0.197709	1.28357	1.28357	0.00204294	0.450679	-2.21887	0.283885	1.22646	1.22646	0.333468	0.83284	-1.20071	12.5067	6.65918	0.473287	1
cg01134777	INSR;INSR	0.00107813	0.4421444	1.15222	1.15222	0.1362	2.13E-06	0.256038	0.0000492	2.11905	1.21905	0.0002404	2.56031	1.78471	0.0885516	0.8235555	-1.24602	0.692795	0.752574	1.32754	0.0201663	0.581545	1.81545	0.189977	0.927171	0.927171	0.0146035	0.546331	2.484741	42.6357	3.104939	1
cg12614711	INSR;INSR	0.00273517	0.0194223	0.510049	-1.9606	0.3384899	0.564845	-1.7704	0.273366	0.762176	-1.31203	0.000887419	0.305314	-3.27532	0.04965588	0.5865547	1.70489	0.000212018	0.228805	4.37053	0.20246	0.725718	-1.37795	0.06545555	0.611029	-1.63658	0.001657117	0.342184	-2.92241	8.7957	7.9069	0.799067	1
cg24531401	INSR;INSR	0.00274828	0.0026082	2.94004	2.04004	0.00170463	2.15127	2.15127	0.0806799	1.39268	1.39268	0.267293	1.21847	1.21847	0.420939	1.15094	1.15094	0.061476	1.43363	1.43363	0.00585226	1.77396	1.77396	0.0020171	2.90451	2.90451	0.00801994	1.7876	1.7876	8.783127	4.06687	0.411577	1
cg05574406	INSR;INSR	0.0129208	0.324023	1.2042	1.2042	0.0282727	1.09099	1.09099	0.0602779	1.29154	1.29154	0.0317895	1.07985	1.07985	0.6362517	1.07142	1.07142	0.766514	1.04366	1.04366	0.7091652	1.21405	1.21405	0.306887	1.32659	1.32659	0.0152572	1.2016	1.2016	1.404E-05	0.842429	2.9032	0.2951888	1
cg19470597	INSR;INSR	0.00308406	0.709636	0.886281	-1.12831	0.00319394	0.27271	-3.6669	0.197292	0.644089	-1.55258	0.569633	1.20379	1.20379	0.000716249	0.1896831	5.27195	0.000636903	0.183957	5.43605	0.00401986	0.287247	-3.48132	0.473347	0.790263	-1.2654	0.0840975	0.539625	-1.85314	8.488117	14.0051	1.46663	1
cg04146349	INSR;INSR	0.00408168	0.2832321	1.2121	1.2121	0.0476458	1.16352	1.16352	0.1633	1.16356	1.16356	0.0553637	1.328768	1.04166	0.0003374	0.6014355	1.66249	0.600369	0.803154	1.24477	0.0153303	0.614851	1.62704	0.0206706	0.733944	1.36281	0.0134437	0.0129516	0.205665	4.86228	7.98488	0.71871	1
cg06890291	INSR;INSR	0.0451955	0.705136	-1.70616	-1.41616	0.0167563	2.64611	-1.37913	0.00512241	0.186361	-5.36592	0.410596	1.46561	1.46561	0.0151248	0.243992	4.0985	0.042728	1.34648	1.34648	2.8856	0.004775334	0.0826902	-12.0933	0.0942165	0.434499	-2.30681	0.0188461	0.274592	5.61477	0.955111	22.7347	2.90558	1
cg07853063	INSR;INSR	0.00734006	0.31639	0.650015	-1.53843	0.0140079	0.283158	-3.5316	0.162253	0.537668	-1.85989	0.160614	0.536184	-1.86503	0.00775308	0.241221	-4.14577	0.00423518	0.203481	-4.91447	0.000580783	0.106402	-9.14057	0.385708	0.690862	-1.44747	0.00922109	0.252958	-3.95322	6.517842	17.8525	2.43469	1
cg16521606	INSR;INSR	0.0312021	0.320078	1.2121	1.2121	0.0476458	1.16352	1.16352	0.1633	1.16356	1.16356	0.0553637	1.328768	1.04166	0.0003374	0.6014355	1.66249	0.600369	0.803154	1.24477	0.0153303	0.614851	1.62704	0.0206706	0.733944	1.36281	0.0134437	0.0129516	0.205665	4.86228	7.98488	0.71871	1
cg01931100	INSR;INSR	0.011485	0.234663	1.367208	-1.15313	0.0151951	1.40642	1.40642	0.368026	1.11154	1.11154	0.00148948	0.592176	-1.68869	0.307284	0.90012	-1.11096	0.264372	1.14231	1.14231	0.0626589	1.220173	1.22073	0.0801167	0.800867	-1.24865	0.524385	1.07657	1.65324	1.17117	0.18415	1
cg00461420	INSR;INSR	0.0317476	0.0317476	0.6174164	-1.62664	0.00058889	1.95315	3.95315	0.729389	1.09407	0.189405	1.79355	-1.39365	0.094586	0.504546	0.839873	-1.19066	0.451575	0.4656339	2.14728	0.0220207	0.3151554	4.54116	0.0002744	1.29172	1.29172	0.0146035	0.546331	2.484741	42.6357	3.104939	1
cg16546511	INSR;INSR	0.0157839	0.704946	0.944448	-1.05882	0.0104072	1.62369	1.62369	0.0132149	1.5864	1.5864	0.263877	1.19122	1.19122	0.287318	0.847058	-1.18056	0.002623	1.8698	1.8698	0.276208	1.18551	1.18551	0.791314	0.96094	-1.04065	0.0183959	0.15385	1.53685	0.103996	1.82108	0.317776	1
cg03207624	INSR;INSR	0.0173431	0.488302	1.0948	1.0948	0.0204239	1.078548	1.078548	0.0463588	1.25736	1.25736	0.0337053	1.07719	1.07719	0.9318314	1.12284	1.12284	0.824662	1.10901	1.10901	0.1003084	0.9012706	1.12284	0.2215384	0.9947	1.4947	0.4947	0.9947	0.00425632	1.93396	1.93396	16.4636	7.52345	0.4185163	1
cg00645755	INSR;INSR	0.00031686	0.0996944	1.59964	1.60E-05	0.78086	6.78086	6.78086	0.775074	1.81632	1.81632	0.239851	0.725828	-1.37774	0.531756	0.847947	1.17932	0.00260583	1.98648	1.98648	0.0211441	0.580594	1.58594	0.143078	1.50648	1.50648	0.206144	17.4006	0.95439	1
cg05089300	INSR;INSR	0.00036911	0.00074886	0.235362	-4.24877	0.000143162	0.156678	-6.3825	0.00144244	0.271834	-3.67871	0.893448	0.962806	-1.03863	3.22E-05	0.101497	-9.8525	0.615877	0.866691	-1.15381	0.00951407	0.39493	-2.5321	0.220354	0.694575	-1.43973	0.0176877	0.44218	-2.26152	15.5403	19.6892	1.1262	1
cg13761594	INSR;INSR	0.0502403	0.650247	1.090919	1.090919	0.0208724	1.058575	1.058575	0.0687271	1.364008	1.364008	0.1179728	1.224044	1.22696	0.0202531	1.238319	1.238319	0.398335	0.936135	-1.06822	0.0262744	0.841772	-1.22282	0.940177	0.984707	-1.01553	0.620303	0.962602	-1.03885	3.66209	0.33794	0.0820028	1
cg01367587	INSR;INSR	0.00080576	0.0249111	1.5347	1.5347	0.00475956	2.73419	2.73419	0.6514	1.31164	1.31164	0.00804487	1.86361	1.86361	0.0009518	0.405363	-2.46693	0.197709	1.28357	1.28357	0.00204294	0.450679	-2.21887	0.283885	1.22646	1.22646	0.333468	0.83284	-1.20071	12.5067	6.65918	0.473287	1
cg01134777	INSR;INSR	0.00107813	0.4421444	1.15222	1.15222	0.1362	2.13E-06	0.256038	0.0000492	2.11905	1.21905	0.0002404	2.56031	1.78471	0.0885516	0.8235555	-1.24602	0.692795	0.752574	1.32754	0.0201663	0.581545	1.81545	0.189977	0.927171	0.927171	0.0146035	0.546331	2.484741	42.6357	3.104939	1
cg12614711	INSR;INSR	0.00273517	0.0194223	0.510049	-1.9606	0.3384899	0.564845	-1.7704	0.273366	0.762176	-1.31203	0.000887419	0.305314	-3.27532	0.04965588	0.5865547	1.70489	0.000212018	0.228805	4.37053	0.20246	0.725718	-1.37795	0.06545555	0.611029	-1.63658	0.001657117	0.342184	-2.92241	8.7957	7.9069	0.799067	1
cg24531401	INSR;INSR	0.00274828	0.0026082	2.94004	2.04004	0.00170463	2.15127	2.15127	0.0806799	1.39268	1.39268	0.267293	1.21847	1.21847	0.420939	1.15094	1.15094	0.061476	1.43363	1.43363	0.00585226	1.77396	1.77396	0.0020171	2.90451	2.90451	0.00801994	1.7876	1.7876	8.783127	4.06687	0.411577	1
cg05574406	INSR;INSR	0.0129208	0.324023	1.2042	1.2042	0.0282727	1.09099	1.09099	0.0602779	1.29154	1.29154	0.0317895	1.07985	1.07985	0.6362517	1.07142	1.07142	0.766514	1.04366	1.04366	0.7091652	1.21405	1.21405	0.306887	1.32659	1.32659	0.0152572	1.2016	1.2016	1.404E-05	0.842429	2.9032	0.2951888	1
cg19470597	INSR;INSR	0.00308406	0.709636	0.886281	-1.12831	0.0031939	0.27271	-3.6669	0.197292	0.644089	-1.55258	0.569633	1.20379	1.20379	0.000716249	0.1896831	5.27195	0.000636903	0.183957	5.43605	0.00401986	0.287247	-3.48132	0.473347	0.790263	-1.2654	0.0840975	0.539625	-1.85314	8.488117	14.0051	1.46663	1
cg04146349	INSR;INSR	0.00408168	0.2832321	1.2121	1.2121	0.0476458	1.16352	1.16352	0.1633	1.16356	1.16356	0.0553637	1.328768	1.04166	0.0003374	0.6014355	1.66249	0.600369	0.803154	1.24477	0.0153303	0.614851	1.62704	0.0206706	0.733944	1.36281	0.0134437	0.0129516	0.205665	4.86228	7.98488	0.71871	1
cg06890291	INSR;INSR	0.0451955	0.705136	-1.70616	-1.41616	0.0167563	2.64611	-1.37913	0.00512241	0.186361	-5.36592	0.410596	1.46561	1.46561	0.0151248	0.243992	4.0985	0.042728	1.34648	1.34648	2.8856	0.004775334	0.0826902	-12.0933	0.0942165	0.434499	-2.30681	0.0188461	0.274592	5.61477	0.955111	22.7347	2.90558	1
cg07853063	INSR;INSR	0.00734006	0.31639	0.650015	-1.53843	0.0140079	0.283158	-3.5316	0.162253	0.537668	-1.85989	0.160614	0.536184	-1.86503	0.00775308	0.241221	-4.14577	0.00423518	0.203481	-4.91447	0.000580783	0.106402	-9.14057	0.385708	0.690862	-1.44747	0.00922109	0.252958	-3.95322	6.517842	17.8525	2.43469	1
cg16521606	INSR;INSR	0.0312021	0.320078	1.2121	1.2121	0.0476458	1.16352	1.16352	0.1633	1.16356	1.16356	0.0553637	1.328768	1.04166	0.0003374	0.6014355	1.66249	0.600369	0.803154	1.24477	0.0153303	0.614851	1.62704	0.0206706	0.733944	1.36281	0.0134437	0.0129516	0.205665	4.86228	7.98488	0.71871	1
cg01931100	INSR;INSR	0.011485	0.234663	1.367208	-1.15313	0.0151951	1.40642	1.40642	0.368026	1.11154	1.11154	0.00148948	0.592176	-1.68869	0.307284	0.90012	-1.11096	0.264372	1.14231	1.14231	0.0626589	1.220173	1.22073	0.0801167	0.800867	-1.24865	0.524385	1.07657	1.65324	1.17117	0.18415	1
cg00461420	INSR;INSR	0.0317476	0.0317476	0.6174164	-1.62664	0.00058889	1.95315	3.95315	0.729389	1.09407	0.189405	1.79355	-1.39365	0.094586	0.504546	0.839873	-1.19066	0.451575	0.4656339	2.14728	0.0220207	0.3151554	4.54116	0.0002744	1.29172	1.29172	0.0146035	0.546331	2.484741	42.6357	3.104939	1
cg18108499	INTS12;GSTCD;INTS12	0.0104482	0.916299	-1.01726	1.01726	0.378931	0.863364	-1.15826	0.276255	1.20241	1.20241	0.350071	0.855089	-1.16947	0.956184	1.0991097	1.00898	0.592065	1.09203	1.09203	0.000172705	0.354082	-2.8242	0.237491	1.22313	1.22313	0.336122	0.850932	1.17518	5.82817	0.449154	0.372931	1
cg11367658	INTS12;INTS12	0.0427123	0.107364	0.659268	-1.51683	0.78622	1.06545	1.06545	0.17908	0.712937	-1.40265	0.194883	0.722486	-1.38411	0.106435	0.6837361	-1.4625	0.569694	0.872661	-1.14592	0.0058093	0.415717	-2.40548	0.708398	0.914783	-1.09315	0.00390435	0.198312	-2.51181	3.59481	3.19973	0.791196	1
cg21686523	INTS12;INTS12;INTS12	0.4703202	0.0704302	1.4E-05	0.000249042	0.0156475	-2.07371	0.0134825	1.19845	0.499586	1.042	0.0001122	0.476948	2.096557	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21177463	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.00649553	0.370234	1.29313	1.29313	0.00508838	2.81347	2.81347	0.0230202	2.13726	2.13726	0.0049391	2.82949	2.82949	0.464762	1.23103	1.23103
cg19977011	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.00755259	0.418024	1.32987	1.32987	0.33921	1.40402	1.40402	0.117275	1.79691	1.79691	0.325303	1.41889	1.41889	0.0749428	1.9802	1.9802
cg23364287	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.0125562	0.745639	0.935748	-1.06866	0.369203	1.20703	1.20703	0.419431	0.845089	-1.18331	0.38923	0.83525	-1.19725	0.017411	0.553944	-1.80524
cg27353919	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.039642	0.337262	0.78076	-1.2808	0.194896	1.40917	1.40917	0.0031281	2.74763	2.74763	0.134733	0.668045	-1.49691	0.35975	0.790132	-1.26561
cg03060158	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.0440941	0.135718	0.575028	-1.73905	0.267045	0.671706	-1.48875	0.00416505	0.266719	-3.74927	0.19793	0.62606	-1.59729	0.00642731	0.295268	-3.38675
cg08093226	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.000265098	0.23749	1.14519	1.14519	0.00715717	1.46292	1.46292	0.050118	1.27722	1.27722	0.341318	0.898152	-1.1134	0.0476507	1.28161	1.28161
cg09695647	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.000594642	0.895168	1.01285	1.01285	0.707024	0.964096	-1.03724	0.00537649	1.42608	1.42608	0.00112967	0.628749	-1.59046	0.000231216	0.553271	-1.80743
cg23573510	IP6K3;IP6K3	0.027645	0.68913	0.950951	-1.05158	0.638486	1.06097	1.06097	0.17373	0.834427	-1.19843	0.00134954	1.79012	1.79012	0.138576	1.22069	1.22069
cg19690214	IPCEF1;IPCEF1	0.00244243	0.000636472	0.293689	-3.40496	0.0533026	0.598854	-1.66986	0.400826	0.818035	-1.22244	0.019813	0.518371	-1.92912	0.00438854	0.411285	-2.4314
cg00756845	IPCEF1;IPCEF1	0.0228173	0.895087	0.978145	-1.02234	0.0036226	0.517144	-1.9337	0.0886041	0.730062	-1.36975	0.809872	1.0412	1.0412	0.948575	1.01086	1.01086
cg14295437	IPCEF1;IPCEF1;IPCEF1	2.16E-05	0.080997	0.850123	-1.1763	0.000350222	1.61974	1.61974	0.00291369	0.709417	-1.40961	0.11621	1.15404	1.15404	1.87E-06	0.370176	-2.70142
cg11282844	IPCEF1;IPCEF1;IPCEF1	0.000129517	0.001264	0.500551	-1.9978	6.90E-06	4.32915	4.32915	0.00173206	1.92934	1.92934	0.316402	0.858701	-1.16455	0.120786	0.780787	-1.28076
cg24635109	IPCEF1;IPCEF1;IPCEF1	0.00156907	0.00855291	0.329746	-3.03264	0.0153927	0.374026	-2.67361	0.260894	0.678562	-1.47371	0.273732	0.686142	-1.45742	0.0028118	0.256349	-3.90093
cg10452060	IPCEF1;IPCEF1;IPCEF1	0.00357427	0.20943	0.819846	-1.21974	0.0479578	1.40423	1.40423	0.967941	0.993984	-1.00605	0.0181991	0.650184	-1.53803	0.000159724	0.37956	-2.63463
cg24873280	IPCEF1;IPCEF1;IPCEF1;IPCEF1	0.00541241	0.402276	0.877765	-1.13926	0.000451956	2.31861	2.31861	0.0582945	1.38465	1.38465	0.728731	1.05438	1.05438	0.133873	0.782007	-1.27876
cg02864954	IPCEF1;OPRM1;IPCEF1;IPCEF1	0.0206679	0.0101332	0.681124	-1.46816	0.00944513	0.677426	-1.47618	0.0111532	0.686176	-1.45735	0.77961	1.03377	1.03377	0.304449	0.881692	-1.13418
cg07356123	IPCEF1;OPRM1;IPCEF1;IPCEF1	0.0325612	0.0536401	0.333994	-2.99407	0.00367498	0.140124	-7.13654	0.0257594	0.265758	-3.76282	0.503842	1.40419	1.40419	0.0199771	0.245314	-4.07641
cg00579859	IPMK	0.00337676	0.771227	1.03468	1.03468	0.112915	1.22353	1.22353	0.102247	1.23256	1.23256	0.000139714	0.463434	-2.1578	0.0438594	1.31106	1.31106
cg20442379	IPMK	0.00626943	0.0133801	0.210448	-4.75177	0.00431665	0.14355	-6.96621	0.00148562	0.0971394	-10.2945	0.0246855	0.25646	-3.89924	0.00264387	0.120467	-8.301
cg16466421	IPMK;CISD1	0.0168547	0.176709	0.876465	-1.14095	0.116866	0.855201	-1.16932	0.00476452	1.41072	1.41072	0.0878683	1.18882	1.18882	0.50628	0.939959	-1.06388
cg23750391	IPMK;CISD1	0.021959	0.334097	1.26257	1.26257	0.0894451	1.54997	1.54997	0.010401	2.12784	2.12784	0.0220565	0.525945	-1.90134	0.718453	1.08842	1.08842
cg19204631	IPMK;CISD1	0.043806	0.983407	0.996658	-1.00335	0.387363	0.867078	-1.1533	0.313988	1.1825	1.1825	0.144569	0.777037	-1.28694	0.825762	0.965132	-1.03613
cg19405836	IPO11	0.000574182	0.312371	0.916487	-1.09112	1.60E-05	2.1016	2.1016	0.0451575	1.21142	1.21142	0.0297858	1.23788	1.23788	0.638113	0.961238	-1.04033
cg08336234	IPO11	0.0136953	0.444169	0.653147	-1.53105	0.0264894	0.237782	-4.20554	0.30302	0.558468	-1.79061	0.138363	0.418462	-2.3897	0.00074734	0.061194	-16.3415
cg21043580	IPO11	0.0172658	0.280535	1.13762	1.13762	0.257113	0.872883	-1.14563	0.00130876	1.71233	1.71233	0.738283	0.962187	-1.0393	0.0498758	1.29317	1.29317
cg24653125	IPO11	0.0176875	?	?	?	0.00277987	5.18008	5.18008	0.00307407	5.03445	5.03445	0.272456	1.57705	1.57705	0.429081	0.724736	-1.37981
cg12828867	IPO11	0.040783	0.057591	0.716993	-1.39471	0.0603476	1.38845	1.38845	0.208309	0.814219	-1.22817	0.450453	0.887685	-1.12653	0.229388	1.21581	1.21581
cg06649257	IPO11;IPO11	0.00595979	0.0212716	0.513556	-1.94721	0.110498	1.51989	1.51989	0.623442	1.1265	1.1265	0.975489	0.992632	-1.00742	0.00138918	0.327785	-3.05078
cg13676759	IPO11;IPO11	0.0246779	0.58313	1.1923	1.1923	0.0245679	0.427521	-2.33907	0.00478099	0.304685	-3.28208	0.208704	0.656689	-1.52279	0.177373	1.57606	1.57606
cg13577655	IPO13	1.65E-06	0.771843	0.959141	-1.0426	1.47E-06	0.173062	-5.77826	3.04E-05	0.310495	-3.22066	0.633464	1.07136	1.07136	5.29E-07	0.135001	-7.40738
cg01293263	IPO13	3.00E-05	0.682676	1.06071	1.06071	0.406983	0.885484	-1.12933	0.506256	0.907834	-1.10152	0.829248	1.03145	1.03145	1.76E-06	0.180615	-5.53663
cg09127005	IPO13	0.0031981	0.645456	0.919613	-1.08741	0.285133	1.22241	1.22241	0.0158116	0.585775	-1.70714	0.141408	1.33118	1.33118	0.000481082	0.371313	-2.69315
cg02835421	IPO13	0.0182057	0.0500483	0.667302	-1.49857	0.00162247	0.441426	-2.26539	0.214701	1.26675	1.26675	0.76232	1.05645	1.05645	0.153599	0.758365	-1.31863
cg10327168	IPO13	0.0214199	0.154245	0.702434	-1.42362	0.352962	1.24776	1.24776	0.111448	0.6693	-1.4941	0.409915	1.21552	1.21552	0.000847357	0.312939	-3.19551
cg15988263	IPO13	0.0385777	0.497634	1.46858	1.46858	0.133938	2.46482	2.46482	0.00535047	7.74802	7.74802	0.969171	1.0218	1.0218	0.564398	0.722401	-1.38427
cg24058025	IPO13	0.0425608	0.113393	1.4089	1.4089	0.332389	1.22016	1.22016	0.0596642	1.5264	1.5264	0.80688	1.04994	1.04994	0.911878	1.02227	1.02227
cg17771854	IPO13;IPO13	0.00245023	0.279923	1.18539	1.18539	0.0482163	0.710465	-1.40753	0.659998	0.935166	-1.06933	0.729678	0.948832	-1.05393	0.604608	1.0823	1.0823
cg25845431	IPO13;IPO13	0.0123747	0.22813	1.23763	1.23763	0.290589	0.831233	-1.20303	0.054885	1.4433	1.4433	0.771904	1.05021	1.05021	0.085958	0.726295	-1.37685
cg11224575	IPO13;IPO13	0.016428	0.580378	0.93981	-1.06404	0.0578449	1.26923	1.26923	0.0492744	1.28336	1.28336	0.780914	0.969479	-1.03148	0.12568	1.20229	1.20229
cg13152651	IPO4	0.000169669	0.462046	0.899908	-1.11122	1.41E-05	0.279324	-3.58007	7.70E-05	0.36466	-2.74228	0.0591095	1.35011	1.35011	0.0818214	0.762132	-1.31211
cg23302284	IPO4	0.00523926	0.000101133	0.023399	-42.7369	0.41298	1.578	1.578	0.0771003	0.342576	-2.91906	0.868219	0.913471	-1.09473	0.250263	0.519549	-1.92475
cg12821132	IPO4	0.0388255	0.474995	1.15216	1.15216	0.682856	0.923031	-1.08339	0.816294	1.04642	1.04642	0.152792	1.34791	1.34791	0.13953	1.36344	1.36344
cg01913958	IPO4	0.0491044	0.0420793	0.598143	-1.67184	0.943702	1.01562	1.01562	0.380147	1.2184	1.2184	0.0300761	0.571326	-1.75031	0.564361	0.879981	-1.13639
cg21660424	IPO4;IPO4	0.0067592	0.435191	1.06064	1.06064	0.00271679	1.35819	1.35819	0.178589	1.11145	1.11145	0.885218	1.01074	1.01074	0.00038532	1.52018	1.52018
cg23538344	IPO5	0.00108172	0.62219	0.949361	-1.05334	0.0533411	0.794812	-1.25816	0.000182466	0.515767	-1.93886	0.0673475	0.806959	-1.23922	0.000121997	0.495694	-2.01737
cg01679262	IPO5	0.00297839	0.0144465	0.31083	-3.21719	0.00284031	0.20335	-4.91764	0.283068	0.648968	-1.54091	0.0162184	0.319866	-3.1263	0.00224711	0.190493	-5.24954
cg09690145	IPO5	0.00517552	0.167167	0.631117	-1.58449	0.596446	0.846174	-1.18179	0.0350302	0.464084	-2.15478	0.399761	0.763819	-1.30921	0.00140109	0.235441	-4.24735
cg05126147	IPO5	0.00604068	0.0534512	0.79983	-1.25027	0.990436	1.00122	1.00122	0.747558	0.967653	-1.03343	0.0704529	1.22859	1.22859	0.203326	0.87221	-1.14651
cg17873815	IPO5	0.0116336	0.093975	0.500614	-1.99755	0.000386674	0.119172	-8.39124	0.0490348	0.42984	-2.32645	0.742666	1.13178	1.13178	0.0652148	0.459433	-2.1766
cg16932472	IPO5;IPO5	0.0100569	0.0224289	0.461994	-2.16453	0.463789	0.810152	-1.23434	0.110667	0.612163	-1.63355	0.213437	0.690804	-1.44759	0.000369584	0.200022	-4.99946
cg25830708	IPO7	0.00769229	0.791937	1.01856	1.01856	0.0360577	0.844027	-1.1848	0.185629	0.907	-1.10254	0.285296	1.08024	1.08024	0.933308	0.994196	-1.00584
cg19162862	IPO7	0.00945014	0.0132227	0.701084	-1.42636	0.0482158	1.29831	1.29831	0.592415	1.06448	1.06448	0.0990777	0.811323	-1.23256	0.00131746	0.582472	-1.71682
cg03726015	IPO7	0.0153172	0.666084	0.916798	-1.09075	0.00267566	0.435764	-2.29482	0.0033236	0.449391	-2.22523	0.240543	1.27871	1.27871	0.0287818	0.596929	-1.67524
cg11132204	IPO7	0.0281308	0.449462	1.45186	1.45186	0.717609	0.83887	-1.19208	0.179215	0.501458	-1.99418	0.106985	0.426874	-2.34261	0.0302189	0.291486	-3.4307
cg08626943	IPO7;IPO7	0.0266888	0.264137	0.882048	-1.13373	0.232916	1.14439	1.14439	0.0202451	1.35241	1.35241	0.0944583	0.820189	-1.21923	0.273973	0.884486	-1.1306
cg11512797	IPO7;SNORA23	0.00464133	0.887874	0.971406	-1.02944	0.00289308	0.430748	-2.32154	0.821887	0.954692	-1.04746	0.725179	1.07528	1.07528	0.71859	1.07725	1.07725
cg19250083	IPO8	0.0172016	0.00199164	0.254642	-3.92708	0.405749	0.766031	-1.30543	0.349764	0.739632	-1.35202	0.200873	1.52701	1.52701	0.0890932	0.555692	-1.79956
cg25943131	IPO8;IPO8	0.0155528	0.949411	1.01167	1.01167	0.223495	0.791462	-1.26349	0.397737	0.853561	-1.17156	0.0503207	0.66499	-1.50378	0.0755345	0.69644	-1.43587
cg02049548	IPO9	0.000612007	0.883179	1.04545	1.04545	0.0553307	0.518601	-1.92826	0.977026	1.00874	1.00874	0.743135	1.10451	1.10451	0.507912	0.816238	-1.22513
cg02862867	IPO9	0.000675829	0.0143861	0.460993	-2.16923	0.624915	0.881201	-1.13482	0.064033	0.586123	-1.70613	0.995797	0.998649	-1.00135	1.37E-05	0.0970544	-10.3035
cg20335043	IPO9	0.000975727	0.00131258	0.668915	-1.49496	0.391062	1.07848	1.07848	0.144458	1.14429	1.14429	0.0304242	0.80354	-1.24449	0.0155971	0.774958	-1.29039
cg03471150	IPO9	0.00193544	0.0136867	0.419065	-2.38627	0.0234548	0.462008	-2.16446	0.0149946	0.426116	-2.34678	0.00652644	0.36487	-2.7407	5.29E-05	0.116049	-8.61708
cg20986421	IPO9	0.00704844	0.131912	1.34511	1.34511	0.586495	0.904718	-1.10532	0.000196069	0.319286	-3.13199	0.233431	1.2558	1.2558	0.123511	0.737743	-1.35549
cg01048764	IPO9	0.0161828	0.0351422	0.439534	-2.27514	0.691413	0.874906	-1.14298	0.0135489	0.359356	-2.78275	0.901717	0.959462	-1.04225	0.0010698	0.198075	-5.04859
cg07104135	IPO9	0.020992	0.0568177	0.240895	-4.15119	0.0502695	0.229097	-4.36497	0.151972	0.362981	-2.75496	0.342915	0.524568	-1.90633	0.0371054	0.202269	-4.94392
cg22677858	IPO9	0.0283126	0.0311864	0.222198	-4.50049	0.00867038	0.136658	-7.31755	0.0102448	0.145842	-6.85675	0.172537	0.421622	-2.37179	0.0295295	0.217739	-4.59265
cg09580965	IPP;IPP	0.00231551	0.807549	1.05271	1.05271	7.73E-05	0.221661	-4.51139	0.0525914	0.628888	-1.59011	0.467987	0.856055	-1.16815	0.0128953	1.91509	1.91509
cg16720242	IPP;IPP	0.00373179	0.270543	1.14888	1.14888	0.539893	1.07797	1.07797	0.344691	0.888922	-1.12496	0.000695826	1.86993	1.86993	0.71232	0.956183	-1.04582
cg05903985	IPP;IPP	0.00491806	0.227377	0.855072	-1.16949	0.235391	1.16608	1.16608	0.14657	1.2123	1.2123	0.939587	1.00941	1.00941	0.608804	0.938216	-1.06585
cg17156633	IPP;IPP	0.0406238	0.0637046	0.692692	-1.44364	0.505658	1.12633	1.12633	0.0461078	0.668617	-1.49562	0.0940558	0.723059	-1.38301	0.00630691	0.534411	-1.87122
cg13577194	IPPK	0.000108506	0.161024	0.814193	-1.22821	4.10E-06	0.230827	-4.33225	0.532761	1.09063	1.09063	0.0941316	1.2875	1.2875	0.00327762	0.57681	-1.73367
cg13793214	IPPK	0.00203324	0.161647	0.795116	-1.25768	0.00173712	1.98404	1.98404	0.0942309	0.754103	-1.32608	0.775361	0.957059	-1.04487	0.000167979	0.374376	-2.67111
cg13922115	IPPK	0.00224502	0.00362635	0.662879	-1.50857	0.0066378	0.692128	-1.44482	0.000429408	0.558765	-1.78966	0.286668	0.890864	-1.12251	0.000958388	0.598199	-1.67169
cg14045140	IPPK	0.0495872	0.611919	1.08182	1.08182	0.0322987	1.4701	1.4701	0.503945	1.10988	1.10988	0.94065	0.988619	-1.01151	0.0412026	1.43626	1.43626
cg13778564	IPPK;CENPP	0.00245891	0.434059	0.793691	-1.25994	0.117213	0.611042	-1.63655	0.000921717	0.238618	-4.1908	0.410564	1.27582	1.27582	0.134644	0.626933	-1.59507
cg13905252	IPPK;CENPP	0.0186195	0.0068908	0.20585	-4.85791	0.125944	0.473222	-2.11317	0.175874	0.521885	-1.91613	0.021498	0.287103	-3.48307	0.00458191	0.181685	-5.50402
cg11811341	IPW	0.00308629	0.0813921	0.540527	-1.85005	0.0343903	0.455712	-2.19437	0.00474367	3.3019	3.3019	0.62289	0.853971	-1.171	0.922925	1.0313	1.0313
cg06121514	IPW	0.00552509	0.816338	0.946653	-1.05635	0.000611846	0.288304	-3.46856	0.00248553	0.371306	-2.6932	0.0135673	0.48686	-2.05398	0.0163728	0.500853	-1.99659
cg09521719	IQCA1	0.00102978	0.00854119	0.352326	-2.83828	0.00700835	0.338248	-2.95641	0.830552	1.06889	1.06889	0.0110999	0.371608	-2.69101	0.235347	0.679329	-1.47204
cg17316300	IQCA1	0.00164639	0.0424726	0.66437	-1.50519	0.0870793	0.718433	-1.39192	0.597343	0.910922	-1.09779	0.228896	0.801716	-1.24732	4.66E-05	0.260531	-3.83832
cg21621236	IQCA1	0.00166295	0.0225871	0.618477	-1.61687	0.00113015	0.430371	-2.32358	0.000275109	0.350549	-2.85267	0.26046	0.813399	-1.22941	0.871285	0.97187	-1.02894
cg22866121	IQCA1	0.0019882	0.916405	1.00985	1.00985	0.412999	0.924821	-1.08129	0.053444	0.814767	-1.22734	0.662675	0.95984	-1.04184	0.110694	1.17622	1.17622
cg20698137	IQCA1	0.00351063	0.268328	1.30455	1.30455	0.0868308	1.54664	1.54664	0.483322	0.848511	-1.17853	0.786153	0.939217	-1.06472	0.000439127	0.277881	-3.59866
cg17397592	IQCA1	0.00448125	0.0522258	0.198702	-5.03266	0.989305	0.990238	-1.00986	0.553836	1.55004	1.55004	0.0545421	0.20266	-4.93436	0.0105981	0.0951415	-10.5107
cg19789336	IQCA1	0.00700834	0.0327908	0.686525	-1.45661	0.070819	0.737847	-1.35529	0.00467245	0.567547	-1.76197	0.0316602	0.684267	-1.46142	0.00897959	0.606277	-1.64941
cg03247128	IQCA1	0.00868133	0.46407	0.915994	-1.09171	0.60729	0.940785	-1.06294	0.347796	1.12055	1.12055	0.000603521	1.86415	1.86415	0.00181259	1.6857	1.6857
cg01764161	IQCA1	0.0262844	0.243968	0.740106	-1.35116	0.210167	1.38546	1.38546	0.287719	0.761459	-1.31327	0.711538	0.912376	-1.09604	0.00100302	0.299459	-3.33936
cg01387073	IQCA1	0.0266406	0.325722	0.805177	-1.24196	0.578522	0.887063	-1.12732	0.123582	0.700347	-1.42786	0.872277	0.966226	-1.03495	0.173517	0.73401	-1.36238
cg21792134	IQCB1;IQCB1	0.00142433	0.593102	1.16677	1.16677	0.108384	1.65011	1.65011	0.00281857	0.308342	-3.24315	0.498558	0.82163	-1.21709	7.22E-05	0.126626	-7.89724
cg10605766	IQCB1;IQCB1	0.018385	0.857063	1.03362	1.03362	0.00248461	0.462486	-2.16223	0.0156976	0.580957	-1.7213	0.294112	0.819078	-1.22088	0.00410633	0.493571	-2.02605
cg24905196	IQCB1;IQCB1;EAF2	0.000993034	0.114023	0.588332	-1.69972	0.0113764	0.376231	-2.65794	0.00168495	0.250313	-3.995	0.397044	0.765231	-1.30679	0.00196065	0.259115	-3.85928
cg03563329	IQCB1;IQCB1;EAF2	0.0039602	0.0105592	1.99556	1.99556	0.955643	0.989895	-1.01021	0.0778083	1.46879	1.46879	?	?	?	0.174753	0.75986	-1.31603
cg22187826	IQCB1;IQCB1;EAF2	0.00421221	0.012041	1.48346	1.48346	0.0867333	1.26904	1.26904	0.791068	1.034	1.034	0.0101115	1.5048	1.5048	0.082702	0.785043	-1.27382
cg00392832	IQCB1;IQCB1;EAF2	0.0196898	0.0887505	0.730953	-1.36808	0.263713	1.21469	1.21469	0.324202	1.18526	1.18526	0.00105542	0.445454	-2.2449	0.193303	1.25834	1.25834
cg05518939	IQCB1;IQCB1;EAF2	0.0201784	0.0300067	1.17848	1.17848	0.0948169	1.12537	1.12537	0.873247	0.989781	-1.01032	0.814066	1.01527	1.01527	0.158211	1.10192	1.10192
cg24595745	IQCB1;IQCB1;EAF2	0.0391937	0.396543	0.876466	-1.14095	0.0075755	1.68488	1.68488	0.036543	1.44634	1.44634	0.143429	1.26971	1.26971	0.72375	1.05538	1.05538
cg12780286	IQCB1;IQCB1;EAF2	0.0421056	0.0132561	1.77581	1.77581	0.0681075	0.682356	-1.46551	0.0270312	0.612764	-1.63195	0.834399	0.961591	-1.03994	0.323213	1.21033	1.21033
cg01396817	IQCB1;IQCB1;EAF2	0.0482648	0.788817	1.08295	1.08295	0.00844551	2.71344	2.71344	0.161758	1.55812	1.55812	0.0107609	0.386307	-2.58862	0.25602	1.42181	1.42181
cg23885562	IQCC;CCDC28B;IQCC	0.00147793	0.0297944	0.505449	-1.97844	0.0362305	0.522159	-1.91513	0.0249449	0.490675	-2.03801	0.00162129	3.33824	3.33824	0.000117907	0.165541	-6.04081
cg26011771	IQCC;IQCC	0.00183183	0.185524	0.837144	-1.19454	0.000106017	2.37866	2.37866	0.520119	0.920765	-1.08605	0.0380383	1.35595	1.35595	0.104361	0.79868	-1.25207
cg24137081	IQCC;IQCC	0.0109773	0.637942	0.941477	-1.06216	0.00177086	1.76197	1.76197	0.915484	0.986585	-1.0136	0.0158564	0.686648	-1.45635	0.045756	1.33827	1.33827
cg17798347	IQCC;IQCC	0.0143825	0.00939015	0.460668	-2.17076	0.819182	1.05537	1.05537	0.00234515	2.71658	2.71658	0.340876	0.793747	-1.25985	0.397653	0.815607	-1.22608
cg06087962	IQCC;IQCC	0.039932	?	?	?	0.228854	1.55199	1.55199	0.588257	1.20954	1.20954	?	?	?	0.246091	1.52533	1.52533
cg11142522	IQCC;IQCC;DCDC2B	0.00216976	0.00788536	0.596608	-1.67614	0.321473	0.856231	-1.16791	0.168536	0.800644	-1.24899	0.0645674	0.730069	-1.36973	0.0035369	0.54927	-1.8206
cg01935086	IQCC;IQCC;DCDC2B	0.00639621	0.896371	0.981923	-1.01841	0.00319139	1.75707	1.75707	0.0611594	0.744252	-1.34363	0.0965117	1.29104	1.29104	0.0218815	0.680402	-1.46972
cg16173775	IQCC;IQCC;DCDC2B	0.0144388	0.0993024	0.631553	-1.5834	0.163626	1.45956	1.45956	0.342929	0.779946	-1.28214	0.712801	1.09861	1.09861	0.2339	0.728018	-1.37359
cg14207267	IQCD	0.000258173	0.0342187	0.780127	-1.28184	0.0146002	0.739161	-1.35289	0.148272	0.855693	-1.16864	0.850465	0.981212	-1.01915	5.71E-06	0.358104	-2.79248
cg21055554	IQCD	0.000261887	0.000163931	0.149894	-6.6714	0.115118	0.602997	-1.65838	0.00129868	0.250748	-3.98806	0.002802	0.296391	-3.37392	1.67E-05	0.073303	-13.642
cg25940517	IQCD	0.00676812	0.00671209	0.263261	-3.79851	0.0906361	0.492772	-2.02934	0.0209988	0.348523	-2.86925	0.00297874	0.212893	-4.69719	0.00107415	0.159803	-6.25772
cg07339720	IQCE;IQCE	4.65E-06	3.74E-08	0.00392255	-254.937	0.124899	1.59951	1.59951	0.279429	1.37431	1.37431	0.767111	1.0876	1.0876	0.0277483	0.47922	-2.08672
cg10938656	IQCE;IQCE	9.34E-06	0.298776	0.783408	-1.27647	8.10E-08	0.0178606	-55.989	0.42873	1.20095	1.20095	0.525056	0.864176	-1.15717	0.334214	0.797926	-1.25325
cg25421092	IQCE;IQCE	1.51E-05	0.000163836	0.480885	-2.0795	0.0933597	0.810413	-1.23394	0.0319028	0.750974	-1.3316	0.00347686	0.636541	-1.57099	6.02E-06	0.314848	-3.17613
cg06660937	IQCE;IQCE	0.000500653	0.000242236	0.609214	-1.64146	4.16E-05	0.528747	-1.89126	0.0112438	0.771613	-1.29599	0.0849518	1.16826	1.16826	0.381417	0.929331	-1.07604
cg03241971	IQCE;IQCE	0.000832693	0.0266206	1.56025	1.56025	0.20805	1.25198	1.25198	0.455764	1.13724	1.13724	0.00542096	1.85814	1.85814	0.908374	1.01968	1.01968
cg13457496	IQCE;IQCE	0.00115019	0.255512	0.659614	-1.51604	0.0109695	0.326653	-3.06135	0.0288035	0.405051	-2.46883	0.0130156	0.339568	-2.94492	0.0217594	0.380825	-2.62588
cg01615453	IQCE;IQCE	0.00157073	0.484814	1.04223	1.04223	0.000214928	0.697678	-1.43333	0.962604	0.997272	-1.00274	0.251736	0.932609	-1.07226	0.348725	0.945339	-1.05782
cg06898145	IQCE;IQCE	0.00200807	0.842802	1.03489	1.03489	0.0211119	0.619438	-1.61437	0.00152871	0.454838	-2.19859	0.0405731	1.50443	1.50443	0.000185593	0.336157	-2.9748
cg04984422	IQCE;IQCE	0.00219085	0.138032	0.716388	-1.39589	0.885428	1.03057	1.03057	0.636323	1.10459	1.10459	0.0222249	1.77256	1.77256	0.00037629	0.305059	-3.27805
cg23043143	IQCE;IQCE	0.00221337	0.00788856	0.35962	-2.78071	0.834857	0.939277	-1.06465	0.0769181	0.554176	-1.80448	0.00869786	0.366647	-2.72742	0.000604848	0.204604	-4.8875
cg22847190	IQCE;IQCE	0.0023023	0.977932	1.00311	1.00311	0.00113824	0.584773	-1.71007	0.124038	0.829673	-1.20529	0.786357	1.03093	1.03093	0.0309627	1.3284	1.3284
cg23719508	IQCE;IQCE	0.00260605	0.262444	0.699939	-1.4287	2.50E-05	0.0775036	-12.9026	0.149114	0.62352	-1.6038	0.147836	0.622459	-1.60653	0.0400164	0.484483	-2.06405
cg22715788	IQCE;IQCE	0.00520296	0.496426	0.892369	-1.12061	0.000407734	0.396078	-2.52475	0.308905	0.840583	-1.18965	0.00467714	0.537894	-1.8591	0.204074	1.24736	1.24736
cg02704331	IQCE;IQCE	0.00566519	0.220194	0.852235	-1.17339	0.755911	1.03944	1.03944	0.0937104	0.795617	-1.25689	0.397028	1.11357	1.11357	0.917576	0.987242	-1.01292
cg01555253	IQCE;IQCE	0.00622396	0.0166769	0.408036	-2.45077	0.142173	0.616331	-1.62251	0.0228562	0.43377	-2.30537	0.204387	1.508	1.508	0.00089493	0.217545	-4.59675
cg22745355	IQCE;IQCE	0.00797189	0.594927	0.789918	-1.26595	8.54E-05	0.0449949	-22.2247	0.769076	1.13811	1.13811	0.560111	0.771887	-1.29553	0.842091	0.916079	-1.09161
cg17338816	IQCE;IQCE	0.00866542	0.442199	1.2912	1.2912	0.000116715	9.03924	9.03924	0.256276	1.47179	1.47179	0.132437	1.69815	1.69815	0.106532	1.77675	1.77675
cg27189465	IQCE;IQCE	0.0092186	0.131775	0.629137	-1.58948	0.0336552	2.02738	2.02738	0.231587	1.42963	1.42963	0.105329	1.65542	1.65542	0.000632127	0.224043	-4.46344
cg15648594	IQCE;IQCE	0.00929005	0.00974362	0.645264	-1.54975	0.943027	1.00962	1.00962	0.757756	1.04233	1.04233	0.946978	1.00895	1.00895	0.00105485	0.522445	-1.91408
cg06852684	IQCE;IQCE	0.0119335	0.557719	0.800687	-1.24893	0.000155934	0.0882689	-11.329	0.747521	0.885949	-1.12873	0.0362611	0.40139	-2.49134	0.144799	0.555897	-1.79889
cg24848437	IQCE;IQCE	0.0122004	0.289424	1.26907	1.26907	0.359284	1.22661	1.22661	0.000579102	3.16935	3.16935	0.403347	0.830846	-1.20359	0.899724	0.973051	-1.02769
cg08132980	IQCE;IQCE	0.0138938	0.0467557	0.488139	-2.0486	0.00304456	0.278391	-3.59207	0.908275	0.964346	-1.03697	0.186271	0.643149	-1.55485	0.00144937	0.234683	-4.26108
cg09219710	IQCE;IQCE	0.0150192	0.278071	0.794949	-1.25794	0.387656	0.835148	-1.19739	0.00348632	0.446421	-2.24004	0.0881174	0.68189	-1.46651	0.00507353	0.470612	-2.12489
cg06263227	IQCE;IQCE	0.0164291	0.0656071	0.424384	-2.35636	0.00453891	0.20838	-4.79893	0.190949	0.56303	-1.7761	0.543741	1.29037	1.29037	0.00271767	0.179514	-5.57061

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21177463	0.759007	1.08977	1.08977	0.0183193	0.449411	-2.22514	0.00307523	3.10226	3.10226	0.110847	1.62469	1.62469	6.77082	8.36949	1.09877	1
cg19977011	0.553789	0.813573	-1.22915	0.00025195	0.125053	-7.9966	0.291433	1.45805	1.45805	0.219992	0.641297	-1.55934	6.45985	12.1403	1.67054	1
cg23364287	0.520364	0.875521	-1.14218	0.000590491	0.338647	-2.95292	0.0428013	1.60914	1.60914	0.845015	1.04074	1.04074	5.49201	3.62067	0.586009	1
cg27353919	0.220163	0.724339	-1.38057	0.114081	0.650506	-1.53726	0.987813	0.996186	-1.00383	0.373336	1.25686	1.25686	3.69534	3.66257	0.881006	1
cg03060158	0.037196	0.434995	-2.29888	0.100599	0.538502	-1.857	0.146285	0.584683	-1.71033	0.289306	0.684871	-1.46013	3.55243	6.66339	1.66731	1
cg08093226	0.578941	0.940439	-1.06333	6.41E-06	0.332074	-3.01138	0.826838	1.02429	1.02429	0.10283	1.21593	1.21593	17.0157	3.2341	0.168947	1
cg09695647	0.000989532	1.60636	1.60636	0.0727074	0.823747	-1.21396	0.366329	1.09404	1.09404	0.149253	0.860915	-1.16155	13.6179	2.02257	0.132021	1
cg23573510	0.156829	0.827463	-1.20851	0.0641093	1.29721	1.29721	0.680232	0.949489	-1.0532	0.722534	1.0456	1.0456	4.20663	1.04214	0.22021	1
cg19690214	0.00310861	0.388802	-2.572	0.00165332	0.349338	-2.86256	0.732984	0.923135	-1.08327	0.00126162	0.33309	-3.00219	9.09415	7.8567	0.767938	1
cg00756845	0.286544	0.830804	-1.20365	0.00443979	1.88853	1.88853	0.916732	0.982636	-1.01767	0.761908	0.950379	-1.05221	4.4972	1.99805	0.394923	1
cg14295437	0.176132	0.886296	-1.12829	0.539823	1.05347	1.05347	7.75E-05	1.82311	1.82311	0.139524	1.14276	1.14276	33.1792	3.7012	0.0991572	1
cg11282844	0.479454	1.11152	1.11152	0.0260962	0.678234	-1.47442	0.0607884	0.732815	-1.3646	0.392053	1.13765	1.13765	20.6573	7.07653	0.304505	1
cg24635109	0.0126781	0.358938	-2.786	6.87E-05	0.0901127	-11.0972	0.190688	1.5813	1.5813	0.0185867	0.389163	-2.56962	10.3445	17.9184	1.5397	1
cg10452060	0.109585	0.769564	-1.29944	0.0212344	0.659778	-1.51566	0.0408329	0.701535	-1.42545	0.0301095	0.681837	-1.46663	8.12257	2.90034	0.317397	1
cg24873280	0.0172199	1.55491	1.55491	0.00622458	1.72015	1.72015	0.0220577	1.5183	1.5183	0.334325	1.16352	1.16352	7.16276	2.62432	0.325674	1
cg02864954	0.466799	0.916063	-1.09163	0.19775	1.1749	1.1749	0.0301273	0.739398	-1.35245	0.0334065	0.745059	-1.34217	4.65226	1.03279	0.19733	1
cg07356123	0.672491	0.808337	-1.23711	0.0483283	0.323345	-3.09267	0.927687	1.04647	1.04647	0.333198	0.606825	-1.64792	3.96908	15.7417	3.52541	1
cg00579859	0.10823	1.22738	1.22738	0.0616124	0.7818	-1.2791	0.500522	0.923162	-1.08323	0.774124	1.03422	1.03422	8.26188	1.78878	0.192453	1
cg20442379	0.0508399	0.322453	-3.10123	0.00611795	0.161997	-6.17295	0.0264619	0.262207	-3.81378	0.104284	0.405175	-2.46807	6.84557	28.0602	3.64359	1
cg16466421	0.326231	1.09754	1.09754	0.389367	0.9222	-1.08436	0.0900471	0.84236	-1.18714	0.0109101	1.34098	1.34098	4.98376	0.665439	0.118686	1
cg23750391	0.0077414	2.22672	2.22672	0.280112	0.768926	-1.30052	0.629232	1.12059	1.12059	0.418468	0.824082	-1.21347	4.55685	3.95282	0.771063	1
cg19204631	0.0527958	0.701629	-1.42525	0.00302299	0.519811	-1.92378	0.0895378	1.35166	1.35166	0.67522	0.934416	-1.07019	3.56113	1.46149	0.364801	1
cg19405836	0.346251	0.922247	-1.08431	0.074222	0.84704	-1.18058	0.0987074	1.1631	1.1631	0.00280361	1.41009	1.41009	13.7514	1.51664	0.0980349	1
cg08336234	0.498039	1.45588	1.45588	0.0224474	0.224662	-4.45113	0.663638	0.787466	-1.2699	0.00870526	0.161148	-6.20549	5.33832	25.208	4.19741	1
cg21043580	0.0689835	1.26354	1.26354	0.233138	1.15455	1.15455	0.0419125	0.76375	-1.30933	0.784128	1.03207	1.03207	4.94374	1.03459	0.18602	1
cg24653125	0.67332	1.18426	1.18426	0.580567	0.800446	-1.2493	0.0522602	2.41197	2.41197	0.407694	1.40182	1.40182	4.99474	11.1844	2.23924	1
cg12828867	0.879758	0.976819	-1.02373	0.375066	1.15149	1.15149	0.626298	1.079	1.079	0.00421544	1.81065	1.81065	3.6569	1.39029	0.337941	1
cg06649257	0.108113	0.655754	-1.52496	0.120526	0.666752	-1.49981	0.00372032	2.56832	2.56832	0.629783	1.12402	1.12402	6.95358	6.38108	0.815706	1
cg13676759	0.860828	1.05727	1.05727	0.0413773	2.10972	2.10972	0.365734	0.744608	-1.34299	0.0860075	0.547702	-1.82581	4.37691	6.98046	1.41763	1
cg13577655	9.33E-07	0.155605	-6.42654	5.75E-06	0.231101	-4.32711	6.93E-05	0.352401	-2.83768	0.00706057	0.606786	-1.64803	64.5133	21.0348	0.289826	1
cg01293263	3.86E-06	0.213658	-4.68038	0.162444	1.23841	1.23841	0.129503	0.79069	-1.26472	0.0827614	0.759219	-1.31714	30.4554	9.91558	0.289402	1
cg09127005	0.166875	0.76599	-1.3055	0.00350285	0.488476	-2.04718	0.0375801	1.54712	1.54712	0.0544124	0.67381	-1.4841	8.39694	4.35168	0.460663	1
cg02835421	0.0230773	0.611467	-1.63541	0.0252749	0.617823	-1.61859	0.0673566	0.689981	-1.44932	0.892317	0.975778	-1.02482	4.85652	2.52079	0.461381	1
cg10327168	0.265281	0.764247	-1.30848	0.640744	0.896869	-1.11499	0.880587	0.965785	-1.03543	0.0187435	0.517021	-1.93416	4.59582	3.90398	0.755078	1
cg15988263	0.0774948	0.334459	-2.9899	0.0449918	3.61105	3.61105	0.941669	0.95998	-1.04169	0.0346834	3.95222	3.95222	3.73246	18.4135	4.3852	1
cg24058025	0.65123	1.09478	1.09478	0.00281706	0.440967	-2.26774	0.19247	1.31587	1.31587	0.472372	1.15656	1.15656	3.59956	2.25738	0.557445	1
cg17771854	4.26E-05	0.307811	-3.24874	0.213252	1.21953	1.21953	0.16585	1.25076	1.25076	0.458246	0.891933	-1.12116	9.08563	3.299	0.322756	1
cg25845431	0.0125705	0.592689	-1.68723	0.00571407	0.542938	-1.84183	0.14372	1.30312	1.30312	0.0384218	1.4982	1.4982	5.5181	2.48238	0.399877	1
cg11224575	0.971811	1.00394	1.00394	0.0044786	0.656162	-1.52401	0.0644934	1.25972	1.25972	0.0140599	1.40079	1.40079	5.02661	0.983901	0.17399	1
cg13152651	0.962874	1.00658	1.00658	0.00446869	1.70589	1.70589	0.373533	0.879261	-1.13732	0.264108	0.848771	-1.17817	19.2075	6.03586	0.279329	1
cg23302284	0.0068205	0.148049	-6.75453	0.19934	0.477561	-2.09398	0.364003	0.601448	-1.66265	0.579286	0.736956	-1.35693	7.23448	34.0338	4.18168	1
cg12821132	0.520479	1.13542	1.13542	0.00368986	0.465272	-2.14928	0.0264505	0.598654	-1.67041	0.520521	0.880744	-1.1354	3.7237	2.24187	0.535158	1
cg01913958	0.12432	1.44073	1.44073	0.0130709	0.508899	-1.96502	0.392469	0.825118	-1.21195	0.069476	0.640472	-1.56135	3.41146	2.60136	0.677809	1
cg21660424	0.063973	0.857324	-1.16642	0.987442	0.998837	-1.00116	0.892823	1.01002	1.01002	0.163382	1.11627	1.11627	6.68763	0.579068	0.076967	1
cg23538344	0.0288687	0.763679	-1.30945	0.00288895	0.651394	-1.53517	0.00973148	0.710254	-1.40795	0.00457526	0.673668	-1.48441	11.507	1.99507	0.154115	1
cg01679262	0.445901	0.73992	-1.3515	0.000276148	0.0994528	-10.055	0.599822	1.2278	1.2278	0.0184955	0.33039	-3.02673	8.57654	20.4128	2.11562	1
cg09690145	0.00505798	0.313935	-3.18538	0.000891	0.211086	-4.73741	0.301504	1.39736	1.39736	0.018754	0.410582	-2.43557	7.26163	11.2353	1.37531	1
cg05126147	0.813958	1.02429	1.02429	0.0033814	0.66644	-1.50051	0.00206606	1.55543	1.55543	0.0240702	1.31517	1.31517	6.9247	1.13703	0.145954	1
cg17873815	0.124388	0.535186	-1.86851	0.00996021	0.294365	-3.39715	0.0514484	0.434685	-2.30052	0.188605	0.592511	-1.68773	5.62978	12.5879	1.98751	1
cg16932472	0.0251569	0.471497	-2.12091	0.00967831	0.396836	-2.51993	0.207187	0.68691	-1.45579	0.0221027	0.460792	-2.17018	5.89991	7.44847	1.1222	1
cg25830708	0.281522	1.08095	1.08095	0.000152472	0.636519	-1.57105	0.591183	0.962992	-1.03843	0.903095	0.991565	-1.00851	6.42283	0.492037	0.0680956	1
cg19162862	0.041309	0.761731	-1.3128	0.319701	1.12626	1.12626	0.591956	0.939351	-1.06456	0.194111	1.17217	1.17217	6.01827	1.27451	0.188243	1
cg03726015	0.24975	0.786098	-1.27211	0.241651	1.2779	1.2779	0.688212	0.922459	-1.08406	0.163583	0.742686	-1.34646	5.14494	3.26215	0.563601	1
cg11132204	0.340888	0.622009	-1.60769	0.00338368	0.145465	-6.87451	0.078199	2.57695	2.57695	0.0499115	0.338989	-2.94994	4.18091	15.4967	3.29471	1
cg08626943	0.792163	1.02889	1.02889	0.0559135	1.26304	1.26304	0.49869	1.07687	1.07687	0.00451684	1.50389	1.50389	4.25894	0.784279	0.163688	1
cg11512797	0.00345321	0.441966	-2.26262	0.00142278	0.387069	-2.58352	0.0192522	1.79006	1.79006	0.959525	0.989618	-1.01049	7.5069	5.02749	0.595303	1
cg19250083	0.295864	0.712013	-1.40447	0.0218683	0.422305	-2.36796	0.0421309	2.08272	2.08272	0.122181	0.591598	-1.69034	4.94992	7.6975	1.38229	1
cg25943131	0.61074	0.910399	-1.09842	0.000401214	0.357186	-2.79966	0.148713	1.3274	1.3274	0.925393	0.983019	-1.01727	5.11897	2.71098	0.470751	1
cg02049548	0.289141	0.717047	-1.39461	0.000121618	0.131531	-7.60277	0.742342	1.10487	1.10487	2.59E-05	0.0805206	-12.4192	13.509	19.5508	1.28644	1
cg02862867	0.01668	0.47231	-2.11725	0.00123372	0.297443	-3.36199	0.0243707	0.502268	-1.99097	0.0128447	0.452456	-2.21016	13.1396	13.71	0.927472	1
cg20335043	0.0242808	0.793846	-1.25969	0.975997	1.00259	1.00259	0.00169606	0.680093	-1.47039	8.99E-05	0.547519	-1.82642	11.8488	1.38719	0.104066	1
cg03471150	0.0258986	0.470279	-2.1264	0.00654737	0.365093	-2.73903	0.0592991	0.544796	-1.83555	0.0160739	0.431545	-2.31725	9.73445	12.5452	1.14555	1
cg20986421	0.459695	0.871756	-1.14711	0.0195616	0.597868	-1.67261	0.776229	0.949371	-1.05333	0.934422	1.01512	1.01512	6.60091	3.475	0.467949	1
cg01048764	0.0205779	0.392855	-2.54547	0.475064	1.27545	1.27545	0.701289	1.1378	1.1378	0.204549	0.63863	-1.56585	5.05186	8.9768	1.57949	1
cg07104135	0.302595	0.494044	-2.02411	0.000909546	0.0378021	-26.4536	0.0714898	0.264739	-3.77731	0.0113981	0.123541	-8.09449	4.62763	31.9548	6.13797	1
cg22677858	0.334518	0.553178	-1.80774	0.0102348	0.145786	-6.85935	0.0613004	0.285282	-3.5053	0.0412972	0.246543	-4.05609	4.17142	23.379	4.98183	1
cg09580965	0.375678	1.21088	1.21088	0.133758	0.711505	-1.40547	0.288513	0.793023	-1.261	0.164538	1.36631	1.36631	9.23777	6.48075	0.623599	1
cg16720242	0.396932	0.900379	-1.11064	0.00456963	1.57907	1.57907	0.145851	1.20791	1.20791	0.00328296	0.615904	-1.62363	8.01818	1.85854	0.206036	1
cg05903985	0.00184665	0.579132	-1.72672	0.00287801	0.602604	-1.65947	0.0530481	1.31207	1.31207	0.0135025	1.45904	1.45904	7.37569	1.78317	0.214901	1
cg17156633	0.0390946	0.656655	-1.52287	0.0150551	0.590799	-1.69262	0.404901	0.860617	-1.16196	0.182203	0.779278	-1.28324	3.66218	1.79946	0.436768	1
cg13577194	0.00241736	0.559873	-1.78612	0.258318	1.1758	1.1758	0.00393508	1.7035	1.7035	0.0182252	0.674661	-1.48223	21.662	6.46805	0.265414	1
cg13793214	0.952674	1.00915	1.00915	0.0338363	1.46242	1.46242	0.778127	1.04428	1.04428	0.362566	0.866274	-1.15437	9.59569	3.57626	0.331284	1
cg13922115	0.26296	0.885237	-1.12964	0.140091	1.18035	1.18035	0.0104676	0.714212	-1.40014	0.526822	0.935216	-1.06927	9.32185	1.61069	0.153588	1
cg14045140	0.10461	1.31347	1.31347	0.475666	1.11795	1.11795	0.116256	1.30002	1.30002	0.0022293	1.93168	1.93168	3.39882	1.27194	0.332649	1
cg13778564	0.000657065	0.220671	-4.53163	0.000794162	0.230618	-4.33618	0.720471	1.10961	1.10961	0.332739	1.33541	1.33541	9.07619	12.0452	1.17966	1
cg13905252	0.00842381	0.218632	-4.57389	0.0131579	0.249294	-4.01132	0.138434	0.486383	-2.05599	0.0568789	0.377665	-2.64785	4.81988	15.5856	2.87432	1
cg11811341	0.163261	0.622558	-1.60628	0.398656	1.3168	1.3168	0.000208337	7.21872	7.21872	0.885559	0.95517	-1.04693	8.48634	13.6327	1.42793	1
cg06121514	0.316033	0.783274	-1.27669	0.517121	0.856617	-1.16738	0.200701	1.37502	1.37502	0.0300376	0.548068	-1.82459	7.1176	6.2593	0.781699	1
cg09521719	0.18172	0.643579	-1.55381	0.00377337	3.37082	3.37082	0.0370997	0.4712	-2.12224	0.000385904	5.81565	5.81565	11.669	17.8615	1.36061	1
cg17316300	0.00958254	0.563224	-1.77549	0.0222286	1.61556	1.61556	0.0436033	0.66627	-1.50089	0.193123	0.78581	-1.27257	10.2019	4.94943	0.431244	1
cg21621236	0.13828	0.755172	-1.3242	0.000313368	0.357675	-2.79583	0.616068	0.914881	-1.09304	0.0093151	0.559656	-1.78681	10.1724	4.98843	0.435901	1
cg22866121	0.00936246	1.36032	1.36032	6.26E-05	1.99082	1.99082	0.0212471	1.29511	1.29511	0.67338	1.04038	1.04038	9.65854	1.33394	0.122764	1
cg20698137	0.138406	0.692222	-1.44462	0.000601643	0.295154	-3.38806	0.678789	0.908441	-1.10079	0.065065	0.620242	-1.61227	8.16639	6.87712	0.748556	1
cg17397592	0.0837199	0.246399	-4.05845	0.0114784	10.1195	10.1195	0.925953	1.0704	1.0704	0.00101344	35.4592	35.4592	7.58733	64.3622	7.54032	1
cg19789336	0.00284426	0.538658	-1.85647	0.0484092	0.712026	-1.40444	0.910547	1.01707	1.01707	0.00145889	0.500418	-1.99833	6.61266	2.37555	0.319326	1
cg03247128	0.952069	1.0071	1.0071	0.088165	1.24801	1.24801	0.681393	0.952554	-1.04981	0.70611	0.956374	-1.04562	6.18261	1.35758	0.195183	1
cg01764161	0.124393	0.663144	-1.50797	0.185725	1.41401	1.41401	0.974298	0.992078	-1.00799	0.312938	1.29394	1.29394	4.28176	4.13354	0.85812	1
cg01387073	0.433028	1.18632	1.18632	0.00155166	2.64251	2.64251	0.0559151	1.58797	1.58797	0.544951	0.877366	-1.13978	4.26164	3.07786	0.641977	1
cg21792134	0.110917	0.608564	-1.64321	0.0283577	2.09606	2.09606	0.516622	1.20689	1.20689	0.0909139	0.587102	-1.70328	10.6368	13.776	1.15123	1
cg10605766	0.0405161	0.647999	-1.54321	0.223482	0.790912	-1.26436	0.491664	0.87977	-1.13666	0.0337105	0.634546	-1.57593	4.84052	2.57861	0.473523	1
cg24905196	0.00112638	0.22783	-4.38924	4.93E-05	0.0951537	-10.5093	0.32026	0.728416	-1.37284	0.0282253	0.449594	-2.22423	11.7899	17.7764	1.34024	1
cg03563329	0.101784	1.41572	1.41572	0.000449348	0.242344	-4.12637	0.0209144	0.561328	-1.78149	0.0841511	0.688221	-1.45302	15.4423	6.65103	0.269189	1
cg22187826	0.121011	1.23584	1.23584	0.000716616	0.522783	-1.91284	0.337206	1.1327	1.1327	0.270742	0.865532	-1.15536	7.73092	1.94197	0.223284	1
cg00392832	0.431554	0.874587	-1.1434	0.571487	1.10016	1.10016	0.133345	1.31035	1.31035	0.302195	1.19533	1.19533	4.72959	2.08734	0.392299	1
cg05518939	0.277853	0.929971	-1.0753	0.654399	1.02941	1.02941	0.00810534	1.24373	1.24373	0.00169426	1.33448	1.33448	4.69038	0.30748	0.0582715	1
cg24595745	0.274489	1.1885	1.1885	0.0468816	0.707847	-1.41273	0.270218	1.19049	1.19049	0.0800386	1.34309	1.34309	3.71083	1.35565	0.324732	1
cg12780286	0.903882	0.977652	-1.02286	0.433398	0.861089	-1.16132	0.0582334	0.670029	-1.49247	0.299553	1.22279	1.22279	3.61396	2.00334	0.492741	1
cg01396817	0.619043	0.86176	-1.16042	0.800392	0.927558	-1.0781	0.743558	1.10234	1.10234	0.441134	0.792034	-1.26257	3.43382	4.79135	1.2403	1
cg23885562	0.98663	0.995539	-1.00448	0.1713	0.677971	-1.47499	0.676693	0.894139	-1.11839	0.178522	0.682909	-1.46432	10.5244	11.8675	1.00233	1
cg26011771	0.176575	0.833686	-1.19949	0.00471773	0.621653	-1.60861	0.388797	1.11832	1.11832	0.668701	0.946951	-1.05602	9.89135	2.51157	0.225703	1
cg24137081	0.0517622	1.32529	1.32529	0.0996389	1.2581	1.2581	0.028995	1.38749	1.38749	0.219051	1.17875	1.17875	5.73633	1.47065	0.227889	1
cg17798347	0.204267	1.37066	1.37066	0.0294099	0.546778	-1.8289	0.332274	1.26541	1.26541	0.960331	0.988362	-1.01177	5.25309	4.60817	0.77976	1
cg06087962	0.00920054	0.316343	-3.16112	0.023451	0.389766	-2.56564	0.451301	1.3062	1.3062	0.482558	1.28198	1.28198	3.81579	5.69427	1.70548	1
cg11142522	4.17E-05	0.306514	-3.26249	0.204206	0.816243	-1.22513	0.993281	1.00128	1.00128	0.502512	0.902014	-1.10863	9.41533	3.42422	0.323276	1
cg01935086	0.0144542	1.52491	1.52491	0.00804509	1.60849	1.60849	0.0956286	1.29209	1.29209	0.589145	0.926508	-1.07932	6.80325	2.11169	0.275906	1
cg16173775	0.00430556	0.378717	-2.64049	0.00701449	0.41199	-2.42724	0.428812	0.814274	-1.22809	0.00349472	0.364994	-2.73977	5.24633	5.37598	0.910856	1
cg14207267	0.358272	0.909431	-1.09959	0.0137936	1.35785	1.35785	0.0374136	1.27471	1.27471	0.045152	0.793758	-1.25983	17.139	2.74139	0.142178	1
cg21055554	0.0137323	0.406721	-2.45869	0.135817	0.622123	-1.6074	0.206707	1.48174	1.48174	0.0036437	0.313069	-3.19419	17.0724	23.5735	1.22738	1
cg25940517	0.0979689	0.502017	-1.99197	0.014385	0.318121	-3.14346	0.368357	0.704156	-1.42014	0.0060355	0.256227	-3.90279	6.68489	15.2577	2.02882	1
cg07339720	0.559659	0.846374	-1.18151	0.39777	1.27738	1.27738	0.836713	0.943318	-1.06009	0.853962	1.05348	1.05348	49.455	62.6209	1.12553	1
cg10938656	0.789769	0.941232	-1.06244	0.0246653	1.83378	1.83378	0.366069	1.23427	1.23427	0.388596	1.22174	1.22174	41.2935	33.5974	0.723221	1
cg25421092	1.71E-06	0.255395	-3.9155	0.00141769	1.69219	1.69219	0.0117842	0.698895	-1.43083	0.00128466	0.585942	-1.70665	36.4345	7.48564	0.182626	1
cg06660937	0.0371861	0.820794	-1.21833	0.00350166	0.723708	-1.38177	0.938856	1.00628	1.00628	0.431611	1.06772	1.06772	14.2853	1.50791	0.0938281	1
cg03241971	0.256156	0.818178	-1.22223	2.96E-05	0.25033	-3.99473	0.0953109	1.36379	1.36379	0.955428	0.990582	-1.00951	12.3915	5.62526	0.40352	1
cg13457496	0.0467452	0.45018	-2.22133	2.15E-05	0.0499717	-20.0113	0.0136196	0.343059	-2.91495	0.00400133	0.257733	-3.87999	11.3077	22.0049	1.72979	1
cg01615453	0.0291122	1.16165	1.16165	0.000612054	1.36006	1.36006	0.105869	0.9022	-1.1084	0.575924	0.967608	-1.03348	10.3414	0.556076	0.0477973	1
cg06898145	0.822788	0.962001	-1.0395	0.0691905	1.42067	1.42067	0.945796	1.01181	1.01181	0.832344	0.96405	-1.03729	9.63059	4.54937	0.4199	1
cg04984422	0.0101536	0.508068	-1.96824	0.00286681	2.35551	2.35551	0.220405	1.30877	1.30877	0.934777	0.983051	-1.01724	9.38873	6.48597	0.614067	1
cg23043143	0.0608984	0.530498	-1.88502	0.000165472	0.145711	-6.8629	0.668084	0.878587	-1.13819	0.0165234	0.41529	-2.40796	9.36067	13.3498	1.26769	1
cg22847190	0.00204699	1.62766	1.62766	0.0745471	1.24946	1.24946	0.00408062	0.649145	-1.54049	0.387331	0.905438	-1.10444	9.25328	1.84186	0.176933	1
cg23719508	0.0531129	0.511204	-1.95616	0.616375	0.857075	-1.16676	0.150076	0.624315	-1.60176	0.11889	0.596417	-1.67668	8.92217	13.1737	1.31246	1
cg22715788	0.214487	0.806135	-1.24049	0.113095	1.32892	1.32892	0.167664	1.27445	1.27445	0.0509711	0.693083	-1.44283	7.24989	3.12246	0.382836	1
cg02704331	0.00476744	0.628263	-1.59169	0.000506024	1.96228	1.96228	0.0582006	0.766796	-1.30413	0.960918	1.0061	1.0061	7.06303	1.72108	0.216599	1
cg01555253	0.0103086	0.371056	-2.69501	0.00365941	0.299565	-3.33818	0.0736039	0.542396	-1.84367	0.0557671	0.514411	-1.94397	6.86101	10.2223	1.32437	1
cg22745355	0.887331	0.939603	-1.06428	0.396786	1.4642	1.4642	0.663875	0.825188	-1.21185	0.863012	1.07884	1.07884	6.35118	19.4243	2.71856	1
cg17338816	0.95118	0.980228	-1.02017	0.691251	0.877922	-1.13905	0.180769	1.5896	1.5896	0.064938	1.96596	1.96596	6.1862	10.422	1.49753	1
cg27189465	0.34782	0.759309	-1.31699	0.0628888	0.550971	-1.81498	0.498819	1.21602	1.21602	0.90183	1.03578	1.03578	6.06596	7.79532	1.1423	1
cg15648594	0.0156361	0.672226	-1.4876	0.0276694	1.41747	1.41747	0.357492	0.880898	-1.13521	0.44301	0.900491	-1.11051	6.05109	1.72107	0.252821	1
cg06852684	0.63846	0.837416	-1.19415	0.896143	1.05018	1.05018	0.307202	0.672792	-1.48634	0.465556	0.756967	-1.32106	5.58355	12.4308	1.97895	1
cg24848437	0.203513	1.33756	1.33756	0.0376169	1.68648	1.68648	0.852555	0.960484	-1.04114	0.031043	0.577778	-1.73077	5.54361	4.12289	0.661083	1
cg08132980	0.0187701	0.40781	-2.45212	0.997839	1.00085	1.00085	0.983844	0.993642	-1.0064	0.0642804	0.519515	-1.92487	5.31317	8.3494	1.39685	1
cg09219710	0.0017989	0.405187	-2.468	0.698939	0.923976	-1.08228	0.108505	0.700341	-1.42788	0.0744085	0.667366	-1.49843	5.17851	3.39489	0.58273	1
cg06263227	0.832785	1.09166	1.09166	0.0181402	0.304165	-3.28768	0.562997	1.27453	1.27453	0.0812301	0.448508	-2.22961	5.02649	13.6987	2.42249	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02203635	IQCE;IQCE	0.0205971	0.566441	0.845669	-1.1825	0.544776	0.837531	-1.19399	0.0788829	0.568686	-1.75844	0.579996	1.17549	1.17549	0.855132	0.948508	-1.05429
cg19428939	IQCE;IQCE	0.0206159	0.0267967	0.177493	-5.63404	0.00165268	0.0514201	-19.4476	0.51467	0.646986	-1.54563	0.321424	1.96419	1.96419	0.0492849	0.227908	-4.38774
cg25542337	IQCE;IQCE	0.021134	0.996989	0.999396	-1.0006	0.000911461	0.451821	-2.21327	0.00870809	0.585334	-1.70843	0.269169	0.831629	-1.20246	0.37121	0.863204	-1.15847
cg00018539	IQCE;IQCE	0.0211676	0.187705	0.795026	-1.25782	0.00398957	0.529498	-1.88858	0.287873	0.834193	-1.19876	0.925076	1.01557	1.01557	0.0628673	0.709045	-1.41035
cg18557307	IQCE;IQCE	0.0227473	0.91767	1.02602	1.02602	0.0246645	0.514465	-1.94377	0.998592	1.00044	1.00044	0.0431157	0.560964	-1.78265	0.123145	0.660393	-1.51425
cg01103938	IQCE;IQCE	0.0256073	0.484651	1.39876	1.39876	0.0713059	0.386015	-2.59057	0.358995	0.640375	-1.56159	0.612943	0.785794	-1.2726	0.00425342	0.164012	-6.09711
cg06819492	IQCE;IQCE	0.025896	0.34983	0.689343	-1.45066	0.317231	0.670544	-1.49133	0.254018	0.631004	-1.58478	0.809213	1.09802	1.09802	0.00173463	0.177834	-5.62322
cg16503624	IQCE;IQCE	0.0260724	0.0349844	0.418556	-2.38917	0.0195318	0.367712	-2.71952	0.0226862	0.38023	-2.62999	0.897159	1.04691	1.04691	0.0114741	0.325917	-3.06826
cg13978175	IQCE;IQCE	0.0267307	0.421155	1.278	1.278	0.0797402	0.559661	-1.7868	0.0941073	0.577292	-1.73223	0.0422138	0.49732	-2.01078	0.799348	0.926789	-1.07899
cg23754918	IQCE;IQCE	0.0278907	0.0963625	0.37769	-2.64767	0.00422329	0.129651	-7.713	0.926416	1.0505	1.0505	0.776402	1.164	1.164	0.052355	0.308277	-3.24384
cg24645679	IQCE;IQCE	0.0304186	0.209847	0.759635	-1.31642	0.287886	0.794907	-1.25801	0.374848	0.827393	-1.20861	0.121791	0.70546	-1.41751	0.883483	0.969955	-1.03098
cg08703857	IQCE;IQCE	0.0333725	0.0590163	0.303366	-3.29635	0.0550838	0.296181	-3.37632	0.500024	0.681803	-1.4667	0.558632	0.718274	-1.39223	0.0226266	0.217171	-4.60466
cg17018980	IQCE;IQCE	0.0366219	0.00445182	0.483872	-2.06666	0.0665491	0.674606	-1.48235	0.477819	0.871031	-1.14806	0.028606	0.610118	-1.63903	0.561379	0.893725	-1.11891
cg04109092	IQCE;IQCE	0.0370643	0.845848	0.974599	-1.02606	0.156418	1.22188	1.22188	0.358725	0.882718	-1.13286	0.13064	0.805916	-1.24082	0.017334	0.681761	-1.46679
cg17019350	IQCE;IQCE	0.0375178	0.134355	0.664831	-1.50414	0.0110598	0.446739	-2.23844	0.00723136	0.416274	-2.40226	0.812238	1.06202	1.06202	0.0159034	0.473936	-2.10999
cg27050990	IQCE;IQCE	0.0452031	0.276447	0.69145	-1.44624	0.367139	0.739372	-1.3525	0.277032	0.691786	-1.44553	0.324129	0.717562	-1.39361	0.00240277	0.252007	-3.96815
cg12964881	IQCE;IQCE	0.046745	0.775604	0.947812	-1.05506	0.0221549	0.59786	-1.67263	0.983231	1.00395	1.00395	0.139757	0.742297	-1.34717	0.292224	1.22746	1.22746
cg21135563	IQCE;IQCE	0.0480654	0.264744	0.810902	-1.23319	0.212355	0.789088	-1.26729	0.00181932	0.449675	-2.22383	0.197581	0.78223	-1.2784	0.0152467	0.584297	-1.71146
cg10688297	IQCE;IQCE	0.0481433	0.0420328	0.244339	-4.09268	0.0438269	0.248184	-4.02927	0.284057	0.512023	-1.95304	0.344176	0.556498	-1.79695	0.103279	0.34238	-2.92073
cg02801839	IQCE;IQCE;IQCE;IQCE	0.00756895	0.0205273	0.719286	-1.39027	0.393611	0.901977	-1.10868	0.000973106	0.560246	-1.78493	0.239807	1.1564	1.1564	0.0866646	0.799783	-1.25034
cg06087473	IQCF1	0.000104246	0.0106537	0.438303	-2.28153	0.0042009	0.373448	-2.67775	0.00177362	0.31874	-3.13736	0.000307666	0.221997	-4.50456	1.29E-05	0.0949417	-10.5328
cg18059321	IQCF1	0.00300821	0.945842	0.982459	-1.01785	0.00763877	0.409266	-2.4434	8.63E-05	0.159478	-6.27044	0.386469	0.793525	-1.2602	0.0153287	0.46054	-2.17137
cg25215835	IQCF1	0.0148002	0.0610067	0.118303	-8.45286	0.125432	0.187022	-5.34697	0.155422	0.215078	-4.64947	0.0840891	0.144837	-6.90431	0.00379814	0.0193169	-51.7682
cg22840556	IQCF2	1.50E-05	0.496963	0.872895	-1.14561	0.276223	0.799916	-1.25013	5.59E-05	0.2284	-4.37829	0.0160997	0.55962	-1.78693	0.00383329	0.463806	-2.15607
cg14940420	IQCF2	0.00080347	0.00532156	0.216935	-4.60968	0.00109895	0.134943	-7.41055	0.029603	0.344453	-2.90315	0.332881	0.65989	-1.5154	0.000113411	0.0595671	-16.7878
cg11616285	IQCF3	0.017309	0.214899	0.52315	-1.9115	0.799633	1.13453	1.13453	0.0765144	0.376135	-2.65862	0.0081401	0.186185	-5.371	0.00119545	0.0947664	-10.5523
cg09612418	IQCF5	1.80E-05	1.32E-06	0.115723	-8.64136	3.50E-05	0.266722	-3.74923	0.000710188	0.441936	-2.26277	0.281033	0.846751	-1.18098	1.46E-05	0.221226	-4.52026
cg11857626	IQCF5	7.92E-05	0.508306	0.895255	-1.117	0.258894	0.823477	-1.21436	3.32E-05	0.265071	-3.77258	0.644762	0.926308	-1.07955	2.66E-05	0.254355	-3.93151
cg23716309	IQCF5	0.000344364	0.00450788	0.463973	-2.1553	7.28E-05	0.231222	-4.32485	0.000153328	0.26806	-3.7305	0.0709301	1.50575	1.50575	0.00259305	0.428823	-2.33196
cg12898868	IQCF5	0.00747558	0.560488	1.25797	1.25797	0.104377	0.500487	-1.99805	0.00204831	0.183776	-5.44141	0.00216195	0.186622	-5.35842	0.0570884	0.431996	-2.31483
cg06131879	IQCF5	0.00843358	0.892396	1.06304	1.06304	0.00850838	0.219414	-4.55759	0.00576772	0.195151	-5.12424	0.0189487	0.277081	-3.60905	0.0794619	0.415079	-2.40918
cg11120695	IQCF5	0.0357428	0.0934891	0.427693	-2.33813	0.0351946	0.323195	-3.09411	0.0105146	0.227122	-4.40292	0.0574575	0.371839	-2.68934	0.0352807	0.323421	-3.09195
cg14834477	IQCF6	2.79E-07	0.106944	1.27473	1.27473	0.0382895	0.718113	-1.39254	0.103857	0.782479	-1.27799	0.0638474	1.33285	1.33285	0.332169	0.871111	-1.14796
cg15926479	IQCF6	2.27E-05	0.997449	1.00065	1.00065	0.0484642	0.632586	-1.58081	0.000377919	0.315384	-3.17074	0.893855	0.973248	-1.02749	2.75E-06	0.101585	-9.84393
cg26275430	IQCF6	0.00238361	0.707084	0.93428	-1.07034	0.971469	0.99358	-1.00646	2.14E-05	0.214237	-4.66774	0.360437	0.844249	-1.18448	0.0729896	0.697596	-1.4335
cg19206479	IQCF6	0.00399616	0.00611285	0.262084	-3.81557	0.511057	1.28332	1.28332	0.163202	0.572957	-1.74533	0.000803264	0.15061	-6.63966	0.0010309	0.162085	-6.1696
cg02258112	IQCF6	0.00906689	0.136443	0.392205	-2.54969	0.340834	0.56405	-1.77289	0.0832197	0.326682	-3.06108	0.547636	1.42613	1.42613	0.0624325	0.294239	-3.39859
cg14852276	IQCG	0.00122253	0.00030537	0.199918	-5.00206	0.491072	1.21163	1.21163	0.692068	0.896501	-1.11545	0.151917	0.656193	-1.52394	0.000447781	0.218779	-4.57082
cg08684733	IQCG;IQCG	0.0168962	0.0391793	0.361284	-2.76791	0.00349471	0.184458	-5.42128	0.139741	0.507686	-1.96972	0.622279	1.23593	1.23593	0.0324579	0.343675	-2.90973
cg01328500	IQCG;IQCG	0.0392617	0.0777935	0.297263	-3.36402	0.405664	1.69313	1.69313	0.575585	0.704622	-1.4192	0.0890536	3.19226	3.19226	0.0269943	0.19772	-5.05765
cg21915659	IQCG;IQCG	0.043168	0.406879	1.67965	1.67965	0.0296964	0.209262	-4.77871	0.112884	0.348293	-2.87114	0.0741647	3.37433	3.37433	0.0666937	0.284605	-3.51364
cg12683467	IQCG;LMLN;LMLN;LMLN;LMLN	0.0310418	0.163632	0.818109	-1.22233	0.61986	1.06986	1.06986	0.027842	1.42056	1.42056	0.344222	1.14063	1.14063	0.31134	0.868096	-1.15195
cg20370345	IQCG;RPL35A	0.00781282	0.445596	1.18969	1.18969	0.000283316	0.265818	-3.76197	0.303057	0.787963	-1.2691	0.725518	1.08192	1.08192	0.0553493	0.61559	-1.62446
cg12059424	IQCH	0.00107532	0.00815345	0.604698	-1.65372	0.00058941	0.45448	-2.20031	0.0502831	0.71785	-1.39305	0.0039115	0.561625	-1.78055	0.0592671	0.728821	-1.37208
cg26902130	IQCH	0.00959546	0.778006	0.878791	-1.13793	0.441615	0.698583	-1.43147	0.172523	0.514926	-1.94203	0.877848	1.07284	1.07284	0.00872778	0.217071	-4.60678
cg03713923	IQCH	0.0214069	0.0654726	1.72	1.72	0.363374	0.782677	-1.27767	0.437635	0.812461	-1.23083	0.0187394	0.473691	-2.11108	0.966054	0.988899	-1.01123
cg22410743	IQCH;IQCH	0.00722243	0.304059	0.822262	-1.21616	0.00465418	0.500599	-1.99761	0.000646667	0.38209	-2.61718	0.0830261	0.702679	-1.42313	0.0782716	0.697928	-1.43281
cg12485906	IQCH;IQCH	0.0217659	0.411597	0.850089	-1.17635	0.00105916	2.55128	2.55128	0.103437	0.70855	-1.41133	0.308829	0.815663	-1.226	0.376048	0.838838	-1.19213
cg21209998	IQCH;IQCH;AAGAB	6.59E-06	0.181291	0.901887	-1.10879	1.57E-05	1.91411	1.91411	7.32E-07	2.64771	2.64771	0.000428735	0.6666	-1.50015	6.10E-05	0.583658	-1.71333
cg12499126	IQCH;IQCH;AAGAB	6.46E-05	0.0467607	0.896681	-1.11522	9.64E-05	1.3942	1.3942	0.00701138	1.18176	1.18176	0.00659401	0.844531	-1.18409	0.00860312	1.17411	1.17411
cg04286959	IQCH;IQCH;AAGAB	0.00423497	0.0112864	0.480781	-2.07995	0.248577	0.75704	-1.32093	0.126279	0.682678	-1.46482	0.114532	0.672937	-1.48602	0.00170369	0.355569	-2.8124
cg00110192	IQCH;IQCH;AAGAB	0.038973	0.118405	0.748178	-1.33658	0.963471	0.992193	-1.00787	0.0780426	0.715281	-1.39805	0.213072	1.25158	1.25158	0.554482	0.902744	-1.10773
cg01549820	IQCH;IQCH;IQCH;IQCH;AAGAB	0.0251973	0.62098	0.904636	-1.10542	0.0980275	1.44043	1.44043	0.0140382	1.84007	1.84007	0.0274801	0.591947	-1.68934	0.257064	1.26851	1.26851
cg10461878	IQCJ;IQCJ	0.003986	0.0490269	0.385357	-2.595	0.0761058	0.432792	-2.31058	0.00806251	0.236916	-4.2209	0.0497509	0.386848	-2.585	0.00231012	0.164229	-6.08907
cg16975599	IQCJ;IQCJ	0.0127354	0.872857	1.05365	1.05365	0.39465	1.32911	1.32911	0.592565	1.19276	1.19276	0.00027606	0.143265	-6.98005	0.944459	1.023	1.023
cg03455716	IQCJ;IQCJ	0.0169211	0.106521	0.724687	-1.37991	0.00505755	0.507995	-1.96852	0.098954	0.718547	-1.3917	0.0742036	0.695234	-1.43836	0.122714	0.736699	-1.35741
cg23982461	IQCJ;IQCJ	0.0217986	0.112189	0.529749	-1.88769	0.0120582	0.316629	-3.15827	0.035805	0.407678	-2.45291	0.121097	0.539298	-1.85426	0.000998697	0.16607	-6.02154
cg09784347	IQCJ;IQCJ	0.0257302	0.0319337	0.426434	-2.34503	0.0299116	0.420574	-2.37771	0.042629	0.453226	-2.20641	0.448357	0.769537	-1.29948	0.00669529	0.303454	-3.29539
cg17255703	IQCJ;IQCJ;IQCJ;IQCJ	0.0472491	0.0504223	0.38207	-2.61732	0.0113519	0.2547	-3.92619	0.0356551	0.348173	-2.87214	0.137505	0.501502	-1.99401	0.0603904	0.400998	-2.49378
cg02944637	IQCK	0.00745521	0.0134582	0.326697	-3.06094	0.0122167	0.319331	-3.13155	0.0123614	0.32022	-3.12285	0.0642982	0.467642	-2.13839	0.00101787	0.168389	-5.93862
cg02935562	IQCK	0.0118187	0.12618	0.806137	-1.24048	0.191073	0.835023	-1.19757	0.20155	0.838908	-1.19203	0.423158	1.11243	1.11243	0.0100226	0.654833	-1.52711
cg04911307	IQCK;C16orf88	0.00222086	0.837899	0.945611	-1.05752	0.0459205	0.535471	-1.86752	0.222257	0.704553	-1.41934	0.672969	1.12288	1.12288	0.000821406	0.252533	-3.95988
cg21615663	IQCK;C16orf88	0.00227349	0.000338938	0.221216	-4.52047	0.924895	1.02494	1.02494	0.029979	0.513235	-1.94843	0.969079	0.989925	-1.01018	0.0158733	0.462208	-2.16353
cg02220499	IQCK;C16orf88	0.0431746	0.109079	0.784469	-1.27475	0.0838944	0.766652	-1.30437	0.0565352	0.740891	-1.34973	0.371139	0.880228	-1.13607	0.967819	1.00562	1.00562
cg27310024	IQGAP1	0.000445114	0.0126581	0.551971	-1.81169	0.127885	0.729337	-1.37111	0.0492392	0.650257	-1.53785	0.177132	1.31661	1.31661	9.02E-05	0.261125	-3.82959
cg10978402	IQGAP1	0.0026686	0.624363	0.934407	-1.0702	0.0591813	0.746133	-1.34024	0.261831	0.851424	-1.1745	0.0521234	0.738085	-1.35486	0.922612	1.01345	1.01345
cg07007674	IQGAP1	0.00590073	0.190327	1.70565	1.70565	0.661532	0.845125	-1.18326	0.0165819	3.16766	3.16766	0.279281	1.54005	1.54005	0.510718	0.774813	-1.29063
cg25186680	IQGAP1	0.0350247	0.700915	1.1632	1.1632	0.644225	0.833467	-1.19981	0.104156	2.0056	2.0056	0.0606453	0.436677	-2.29002	0.00918323	0.273677	-3.65394
cg14559494	IQGAP1	0.036063	0.294378	0.78472	-1.27434	0.591041	1.12853	1.12853	0.136656	0.699473	-1.42965	0.557221	1.14149	1.14149	0.00179183	0.371404	-2.69249
cg22735190	IQGAP1	0.0368296	0.036825	0.45567	-2.19457	0.010369	2.84738	2.84738	0.420525	0.765884	-1.30568	0.0873663	0.542429	-1.84356	0.0428405	0.469772	-2.12869
cg13029957	IQGAP2	0.000822997	0.665134	1.08002	1.08002	0.0247318	1.6042	1.6042	0.0450157	0.665896	-1.50174	0.277901	1.22074	1.22074	6.07E-05	0.270105	-3.70226
cg18793322	IQGAP2	0.0013732	0.238146	1.27841	1.27841	4.46E-05	0.215091	-4.6492	0.0219128	0.578923	-1.72735	0.845732	1.03948	1.03948	0.24582	1.27287	1.27287
cg14843129	IQGAP2	0.00199492	0.480801	0.858694	-1.16456	0.0330555	0.588719	-1.6986	0.573402	1.12856	1.12856	0.339099	1.23301	1.23301	0.000523854	0.3169	-3.15557
cg26348614	IQGAP2	0.00875792	0.0693754	0.455961	-2.19317	0.000168278	0.0841302	-11.8863	0.0300621	0.372919	-2.68155	0.125479	0.52674	-1.89847	0.255218	0.631777	-1.58284
cg04709306	IQGAP2	0.0119133	0.896746	0.969137	-1.03185	0.0127016	0.473417	-2.1123	0.0277045	0.533452	-1.87458	0.263742	0.754809	-1.32484	0.0015789	0.334349	-2.99089
cg24637374	IQGAP2	0.0384962	0.0335414	0.353051	-2.83245	0.109579	0.481228	-2.07802	0.319754	0.649805	-1.53892	0.879092	0.93817	-1.0659	0.00491075	0.20959	-4.77122
cg10586870	IQGAP2	0.0416408	0.0595433	0.422788	-2.36525	0.034564	0.36873	-2.71201	0.939062	0.969522	-1.03144	0.0473919	0.399207	-2.50497	0.00890915	0.259968	-3.84662
ch.5.1433452R	IQGAP2	0.0488652	0.0123134	0.435816	-2.29455	0.0318131	0.511486	-1.95509	0.721502	0.909039	-1.10006	0.0996823	0.618308	-1.61732	0.114559	0.632993	-1.5798
cg12689752	IQGAP3	0.004322	0.0804943	0.544442	-1.83674	0.299302	0.713648	-1.40125	0.0377857	0.469766	-2.12872	0.372924	0.750609	-1.33225	0.00100951	0.216515	-4.61861
cg17733515	IQGAP3	0.0209739	0.102424	0.76642	-1.30477	0.0807649	0.749573	-1.33409	0.000967177	0.481338	-2.07754	0.953887	1.00864	1.00864	0.0538736	0.721957	-1.38512
cg12617080	IQGAP3	0.0220991	0.0994567	0.572144	-1.74781	0.004776	0.314024	-3.18447	0.0339277	0.465043	-2.15034	0.0787089	0.546738	-1.82903	0.0052518	0.320381	-3.12128
cg12262564	IQGAP3	0.0223187	0.625269	1.08883	1.08883	0.0193654	1.63058	1.63058	0.120757	1.3377	1.3377	0.468775	1.13593	1.13593	0.0975994	0.730308	-1.36928
cg07956012	IQGAP3	0.0323539	0.0218593	0.175868	-5.68609	0.0226618	0.178408	-5.60513	0.151265	0.378534	-2.64177	0.130663	0.356605	-2.80423	0.0191108	0.166689	-5.9992
cg11716578	IQGAP3	0.0337114	0.237219	0.670001	-1.49253	0.784594	0.915202	-1.09266	0.184969	0.634654	-1.57566	0.0815976	0.535678	-1.86679	0.00851341	0.337587	-2.9622
cg12441221	IQGAP3;IQGAP3	0.000700428	0.0169082	0.587454	-1.70226	0.716401	1.06887	1.06887	0.0195186	0.597303	-1.67419	0.73375	0.939573	-1.06431	5.50E-05	0.253872	-3.939
cg19023320	IQSEC1	0.000787217	0.0881851	0.713294	-1.40195	0.536192	0.893611	-1.11906	0.0363386	0.645995	-1.548	0.269403	0.813396	-1.22941	9.41E-06	0.179691	-5.56509
cg21770393	IQSEC1	0.00143147	0.00920441	0.548636	-1.8227	0.376125	0.847971	-1.17929	0.31486	0.828035	-1.20768	0.011358	0.562467	-1.77788	0.000111747	0.291349	-3.4323
cg08162476	IQSEC1	0.00236317	0.0416919	0.428571	-2.33334	0.0620573	0.468536	-2.13431	0.424877	0.745211	-1.3419	0.125284	0.549493	-1.81986	0.00687068	0.282786	-3.53624
cg08099661	IQSEC1	0.00329097	0.00408513	0.322606	-3.09975	0.000468207	0.198985	-5.0255	0.354774	0.756179	-1.32244	0.0782519	1.77594	1.77594	0.0102397	0.386655	-2.58629
cg02626656	IQSEC1	0.0120018	0.778497	0.969541	-1.03142	0.962751	1.00514	1.00514	0.701709	1.04312	1.04312	0.0199731	0.734881	-1.36077	0.640024	0.949644	-1.05303
cg13878677	IQSEC1	0.0122623	0.0242296	0.221758	-4.50943	0.168688	0.439439	-2.27563	0.299389	0.547182	-1.82755	0.0402476	0.264845	-3.77579	0.0186148	0.202022	-4.94996
cg15227522	IQSEC1	0.0157129	0.839506	1.06937	1.06937	0.711068	0.884216	-1.13095	0.0312449	2.30685	2.30685	0.638501	0.855134	-1.16941	0.0740841	1.93153	1.93153
cg09886336	IQSEC1	0.0227992	0.755327	1.03818	1.03818	0.662887	1.05398	1.05398	0.784695	0.967707	-1.03337	0.139341	1.21009	1.21009	0.0270604	1.36851	1.36851
cg08102294	IQSEC1	0.0240841	0.027344	0.247386	-4.04227	0.0399732	0.28078	-3.56151	0.116376	0.401365	-2.4915	0.0518401	0.306111	-3.26679	0.0146646	0.200372	-4.99073
cg20042798	IQSEC1	0.0265715	0.609679	1.0761	1.0761	0.00959256	1.59544	1.59544	0.466819	1.11124	1.11124	0.793469	1.03808	1.03808	0.0811168	0.759211	-1.31716
cg21831975	IQSEC1	0.0376635	0.00304876	0.236493	-4.22846	0.46811	0.769304	-1.29988	0.775897	1.10671	1.10671	0.454209	1.31106	1.31106	0.101605	0.529021	-1.89029
cg12579534	IQSEC1	0.0444163	0.0253206	0.278502	-3.59064	0.0165415	0.244727	-4.08618	0.447724	0.689345	-1.45065	0.747996	1.16763	1.16763	0.00517647	0.169563	-5.89752
cg01044637	IQSEC1	0.0476858	0.0246774	0.207194	-4.82639	0.0135845	0.165802	-6.03129	0.0543042	0.276642	-3.61478	0.104832	0.352386	-2.8378	0.0172777	0.181494	-5.50982
cg10761425	IQSEC1;IQSEC1	0.000125124	0.00017135	0.438554	-2.28022	0.291206	0.868172	-1.15185	0.0026295	0.584241	-1.71162	0.00397829	0.606681	-1.64831	0.0355659	1.37135	1.37135
cg02342415	IQSEC1;IQSEC1	0.000598157	0.0186241	0.577645	-1.73117	0.00675792	0.508898	-1.96503	0.32026	0.820705	-1.21847	0.00244667	0.444375	-2.25035	3.58E-05	0.215819	-4.63351
cg04231814	IQSEC1;IQSEC1	0.00179783	0.119111	0.811325	-1.23255	0.00237481	0.592273	-1.68841	0.000550922	1.94079	1.94079	0.931036	1.01076	1.01076	0.0159429	0.694322	-1.44025
cg04995978	IQSEC1;IQSEC1	0.00256222	0.973829	1.00854	1.00854	0.00330857	0.354532	-2.82062	0.000396464	0.231812	-4.31385	0.404152	0.801517	-1.24763	0.000368678	0.228108	-4.38389
cg21408848	IQSEC1;IQSEC1	0.00411138	0.00658998	0.477864	-2.09265	0.403008	1.19617	1.19617	0.204916	1.32309	1.32309	0.588756	0.892036	-1.12103	0.189203	0.747426	-1.33793
cg10748086	IQSEC1;IQSEC1	0.00791344	0.906222	0.952825	-1.04951	0.0172089	3.28776	3.28776	0.000279719	11.4354	11.4354	0.505018	0.757778	-1.31965	0.0901116	0.464905	-2.15098
cg16562217	IQSEC1;IQSEC1	0.0080143	0.0667718	1.3985	1.3985	0.0040951	0.533345	-1.87496	0.0677418	1.39645	1.39645	0.0890232	1.35807	1.35807	0.205684	0.804233	-1.24342
cg12185435	IQSEC1;IQSEC1	0.00904206	0.00556648	2.42039	2.42039	0.980567	0.994105	-1.00593	0.0827641	0.627293	-1.59415	0.0323134	1.83747	1.83747	0.0490566	0.579618	-1.72528
cg12292584	IQSEC1;IQSEC1	0.00930708	0.622741	0.84642	-1.18145	0.00630861	0.302366	-3.30725	0.0608508	0.491388	-2.03505	0.0169769	2.66157	2.66157	0.00211137	0.233746	-4.27814
cg18011006	IQSEC1;IQSEC1	0.0182855	0.0145236	0.46058	-2.17118	0.0311765	0.521453	-1.91772	0.0072914	0.41024	-2.4376	0.138518	1.50776	1.50776	0.0105613	0.436821	-2.28926
cg16081096	IQSEC1;IQSEC1	0.021324	0.0273319	0.507221	-1.97153	0.712412	0.908231	-1.10104	0.100931	0.626848	-1.59528	0.0460593	0.551936	-1.8118	0.885963	0.96338	-1.03801
cg24848948	IQSEC1;IQSEC1	0.0237674	0.00089858	0.47833	-2.09061	0.0594157	1.37127	1.37127	0.839301	1.03059	1.03059	0.35555	0.868477	-1.15144	0.407671	0.881904	-1.13391
cg09645699	IQSEC1;IQSEC1	0.029486	0.0622593	1.30401	1.30401	0.139225	0.81769	-1.22296	0.781462	0.96544	-1.0358	0.112806	1.24396	1.24396	0.848755	0.976143	-1.02444
cg22215392	IQSEC1;IQSEC1	0.0301305	0.58422	1.0965	1.0965	0.973099	0.994394	-1.00564	0.0101185	0.582244	-1.71749	0.346906	1.17523	1.17523	0.89627	1.02198	1.02198
cg02633761	IQSEC1;IQSEC1	0.0342561	0.661252	0.687875	-1.45375	0.0104055	15.4497	15.4497	0.00129648	53.3253	53.3253	0.975118	0.973882	-1.02682	0.74193	0.755481	-1.32366
cg18938476	IQSEC2	0.000889366	0.292413	0.830026	-1.20478	0.288474	1.20676	1.20676	0.166143	1.28639	1.28639	0.330567	0.842626	-1.18677	0.00144142	0.455871	-2.1936
cg11412673	IQSEC2	0.00417773	0.914362	1.0226	1.0226	0.255784	1.27953	1.27953	0.140703	1.38993	1.38993	0.978712	0.994471	-1.00556	0.0244223	0.572828	-1.74573
cg03382925	IQSEC2	0.00680918	0.205153	0.754619	-1.32517	0.130996	0.709336	-1.40977	0.000135202	4.02263	4.02263	0.424764	1.18729	1.18729	0.730899	0.929868	-1.07542
cg00381376	IQSEC2	0.0206992	0.547355	0.745716	-1.34099	0.532029	0.737122	-1.35663	0.467295	1.42818	1.42818	0.000408272	0.0668273	-14.964	0.273142	0.57721	-1.73247
cg26351354	IQSEC2;IQSEC2	1.37E-05	0.0059364	0.453532	-2.20491	4.30E-05	0.181272	-5.51657	6.71E-06	0.111038	-9.00591	7.95E-06	0.116651	-8.57257	3.76E-06	0.0931824	-10.7316
cg11475880	IQSEC2;IQSEC2	1.39E-05	0.017029	0.710439	-1.40758	4.05E-06	0.284539	-3.51446	0.000147431	0.46441	-2.15327	5.52E-06	0.299335	-3.34073	1.97E-06	0.250964	-3.98463
cg22288147	IQSEC2;IQSEC2	0.000102165	0.832294	1.05245	1.05245	1.56E-05	0.116082	-8.61462	0.00010787	0.192843	-5.18556	0.000272645	0.237364	-4.21293	0.000116063	0.196179	-5.09738
cg13983639	IQSEC2;IQSEC2	0.00321221	0.577952	0.79233	-1.2621	0.00230224	0.171322	-5.83696	0.000537167	0.107498	-9.30251	0.944173	1.02943	1.02943	0.000397378	0.0968047	-10.3301
cg22193343	IQSEC2;IQSEC2	0.00640339	0.00453343	0.30761	-3.25087	0.0314767	0.455453	-2.19562	0.0135663	0.385871	-2.59154	0.0552276	0.507879	-1.96897	0.00177022	0.249583	-4.00668
cg21323815	IQSEC2;IQSEC2	0.0155713	0.251764	0.828863	-1.20647	0.290189	0.8419	-1.18779	0.0426108	1.44189	1.44189	0.668865	0.934773	-1.06978	0.0611473	0.718356	-1.39207
cg17959821	IQSEC2;IQSEC2;IQSEC2	0.00401464	0.159844	0.674224	-1.48319	0.227402	1.39457	1.39457	0.971161	1.00953	1.00953	0.387694	1.2616	1.2616	0.00253588	0.332961	-3.00335
cg21623445	IQSEC3	0.000418171	0.00260528	0.376875	-2.6534	0.0930474	0.64899	-1.54086	0.00827638	0.45384	-2.20342	0.539192	1.15657	1.15657	3.92E-05	0.15856	-6.30676
cg26458557	IQSEC3	0.0128735	0.103162	1.27435	1.27435	0.160086	1.22644	1.22644	0.00785339	1.59026	1.59026	0.957187	0.992726	-1.00733	0.00221979	1.79125	1.79125
cg05371438	IQSEC3	0.0138195	0.378796	0.810686	-1.23352	0.154097	0.701432	-1.42565	0.0257774	0.540421	-1.85041	0.159769	1.41787	1.41787	0.00952587	0.466129	-2.14533
cg00862117	IQSEC3	0.0178471	0.402043	0.723954	-1.3813	0.0404844	2.43807	2.43807	0.464039	1.32405	1.32405	0.43897	1.34624	1.34624	0.885135	0.947011	-1.05595
cg19472098	IQSEC3	0.0234442	0.0548115	1.55803	1.55803	0.27856	0.795025	-1.25782	0.24546	1.2806	1.2806	0.464848	1.16351	1.16351	0.0367372	0.610166	-1.6389
cg12760498	IQSEC3;IQSEC3	9.39E-06	0.0461432	0.706786	-1.41485	0.00110503	0.481746	-2.07578	1.17E-05	0.244114	-4.09644	0.146581	0.789265	-1.267	8.98E-05	0.344963	-2.89886
cg14856738	IQSEC3;IQSEC3	0.000314929	0.00265424	1.81513	1.81513	0.963929	1.00651	1.00651	0.0187661	0.66474	-1.50435	0.0020551	1.86398	1.86398	0.00658982	1.6585	1.6585
cg19115941	IQSEC3;IQSEC3	0.000510081	0.338553	1.10259	1.10259	0.00203911	0.650215	-1.53795	7.63E-05	0.491676	-2.03386	0.160386	1.16005	1.16005	0.0171355	0.750047	-1.33325
cg04080080	IQSEC3;IQSEC3	0.00274853	0.199185	0.877637	-1.13942	0.0164253	0.754178	-1.32595	0.011185	0.736467	-1.35783	0.393208	1.08779	1.08779	0.427723	1.08102	1.08102
cg13147090	IQSEC3;IQSEC3	0.00299567	0.0292279	2.17294	2.17294	0.0042304	3.17977	3.17977	0.682053	1.1325	1.1325	0.410021	1.28984	1.28984	0.102478	1.71565	1.71565
cg09111831	IQSEC3;IQSEC3	0.00345234	0.132272	0.724615	-1.38004	0.160596	1.3461	1.3461	0.0326402	0.609098	-1.64177	0.122679	0.717721	-1.3933	0.945471	0.986528	-1.01366
cg00292513	IQSEC3;IQSEC3	0.00399613	0.0264045	2.60824	2.60824	0.0263637	2.60916	2.60916	0.145309	1.76733	1.76733	0.263439	1.52887	1.52887	0.939458	1.02805	1.02805
cg10356759	IQSEC3;IQSEC3	0.005713	0.346188	1.43859	1.43859	0.770338	1.11598	1.11598	0.593729	0.817224	-1.22365	0.188179	1.68665	1.68665	0.599841	0.820004	-1.21951
cg21838640	IQSEC3;IQSEC3	0.00595813	0.0255258	0.668284	-1.49637	0.495469	1.11084	1.11084	0.434649	0.885977	-1.1287	0.00450811	0.562749	-1.77699	0.256996	0.835546	-1.19682
cg24485571	IQSEC3;IQSEC3	0.00692257	0.140241	1.3041	1.3041	0.131449	1.31322	1.31322	0.0156886	0.609237	-1.6414	0.127217	0.758821	-1.31783	0.150624	1.29405	1.29405
cg05962028	IQSEC3;IQSEC3	0.0145016	0.00530334	2.53031	2.53031	0.0355182	1.85588	1.85588	0.666655	0.896297	-1.1157	0.00227997	2.93874	2.93874	0.33456	0.777685	-1.28587
cg25396728	IQSEC3;IQSEC3	0.0166954	0.0184895	7.54259	7.54259	0.110608	3.41964	3.41964	0.146311	3.01265	3.01265	0.182829	2.71751	2.71751	0.257508	2.3064	2.3064
cg04846961	IQSEC3;IQSEC3	0.0196112	0.437767	1.10216	1.10216	0.031123	0.732795	-1.36464	0.030487	0.731636	-1.3668	0.949963	1.00774	1.00774	0.0382465	1.34328	1.34328

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02203635	0.0472083	1.92867	1.92867	0.0814043	0.571933	-1.74846	0.00874552	2.62776	2.62776	0.00797342	2.67454	2.67454	4.65771	6.17215	1.17791	1
cg19428939	0.0979884	0.30234	-3.30753	0.0131368	0.131777	-7.58859	0.909984	1.07738	1.07738	0.243112	0.447118	-2.23654	4.65626	32.0266	6.11393	1
cg25542337	0.714588	0.942853	-1.06061	0.339274	1.17094	1.17094	0.0841088	0.736245	-1.35824	0.193078	0.801979	-1.24692	4.61698	1.87695	0.361362	1
cg00018539	0.0761071	1.38302	1.38302	0.0216356	1.57316	1.57316	0.728419	0.944338	-1.05894	0.257625	1.21421	1.21421	4.61448	1.97276	0.380013	1
cg18557307	0.00305653	0.365021	-2.73957	0.0792641	1.62256	1.62256	0.36453	1.26046	1.26046	0.132264	0.667941	-1.49714	4.50196	4.40037	0.868832	1
cg01103938	0.109266	0.438143	-2.28236	0.00361276	0.155452	-6.43287	0.7805	0.876331	-1.14112	0.0294495	0.297665	-3.35949	4.32096	15.2817	3.14368	1
cg06819492	0.0172211	0.32567	-3.07059	0.0721818	2.17217	2.17217	0.558216	1.2572	1.2572	0.768527	0.892185	-1.12084	4.3041	10.1863	2.10368	1
cg16503624	0.0606901	0.472548	-2.11619	0.00802619	0.299977	-3.33358	0.666537	1.16611	1.16611	0.158408	0.585979	-1.70655	4.2939	8.54526	1.76897	1
cg13978175	0.945639	0.979852	-1.02056	0.00214086	3.62285	3.62285	0.970606	0.989062	-1.01106	0.426375	0.784718	-1.27434	4.2566	6.00645	1.2543	1
cg23754918	0.0667393	0.334112	-2.99301	0.00763336	0.160536	-6.22914	0.0297082	0.255457	-3.91456	0.904607	0.938061	-1.06603	4.19356	18.8907	4.00417	1
cg24645679	0.711197	0.925554	-1.08043	0.000976447	2.77405	2.77405	0.762877	0.938995	-1.06497	0.729914	0.930443	-1.07476	4.06676	2.78714	0.609197	1
cg08703857	0.175968	0.447098	-2.23665	0.00138057	0.0746434	-13.397	0.0490693	0.284519	-3.5147	0.25771	0.516447	-1.93631	3.93415	19.5021	4.40634	1
cg17018980	0.0138261	0.558725	-1.78979	0.419358	1.17101	1.17101	0.693106	1.07884	1.07884	0.174085	0.758323	-1.3187	3.80407	2.20542	0.515336	1
cg04109092	0.864941	1.02276	1.02276	0.162171	1.21808	1.21808	0.0197831	1.45064	1.45064	0.0592642	0.754661	-1.3251	3.78746	1.04812	0.245985	1
cg17019350	0.0288295	0.521105	-1.919	0.125518	0.657537	-1.52083	0.635768	0.886349	-1.12822	0.316524	0.769628	-1.29933	3.77069	3.81859	0.900179	1
cg27050990	0.0113623	0.355977	-2.80917	0.471618	1.26954	1.26954	0.648669	1.16126	1.16126	0.431788	0.769895	-1.29888	3.51959	5.9215	1.4955	1
cg12964881	0.308506	0.820637	-1.21856	0.0206386	1.68671	1.68671	0.0707882	0.684798	-1.46028	0.0720285	0.686191	-1.45732	3.47553	1.93608	0.495165	1
cg21135563	0.163291	0.764662	-1.30777	0.880292	1.02755	1.02755	0.603125	0.909747	-1.09921	0.847932	0.965973	-1.03523	3.4392	1.77129	0.457804	1
cg10688297	0.736376	0.816084	-1.22536	0.00189404	0.0707954	-14.1252	0.0694138	0.294731	-3.39292	0.552037	0.696361	-1.43604	3.43709	19.6944	5.09329	1
cg02801839	0.154641	0.835389	-1.19705	0.00298079	0.618141	-1.61775	0.62465	0.943445	-1.05994	0.131729	1.21178	1.21178	6.45547	1.42504	0.196222	1
cg06087473	0.242104	0.730148	-1.36959	2.71E-05	0.119129	-8.39424	0.00175469	0.318089	-3.14377	0.000406115	0.236073	-4.23597	21.8955	22.8846	0.929043	1
cg18059321	0.145973	0.6659	-1.50173	0.00486311	0.378092	-2.64486	0.0349591	0.527202	-1.89681	0.0723346	0.593084	-1.6861	8.55121	9.1908	0.955374	1
cg25215835	0.152474	0.212387	-4.70838	0.000783226	0.00589124	-169.744	0.560324	0.551399	-1.81357	0.0248012	0.0671354	-14.8953	5.20371	84.2236	14.3869	1
cg22840556	0.806897	1.04946	1.04946	2.17E-07	0.0456848	-21.8891	0.0400446	0.62642	-1.59637	0.000365655	0.324537	-3.08131	36.509	22.4654	0.546967	1
cg14940420	0.00648196	0.229296	-4.36118	0.329772	0.65801	-1.51973	0.000337852	0.0903312	-11.0704	0.00135649	0.144304	-6.92982	12.5168	34.3306	2.438	1
cg11616285	0.267667	0.563818	-1.77362	0.0100624	0.199506	-5.01237	0.724331	0.838849	-1.19211	0.091373	0.397472	-2.5159	4.93961	19.2667	3.46707	1
cg09612418	0.264199	1.1887	1.1887	0.000413622	0.409092	-2.44444	0.0406735	1.42876	1.42876	0.0509131	0.715329	-1.39796	48.1921	16.2759	0.262679	1
cg11857626	0.00343017	1.92607	1.92607	0.118191	1.32274	1.32274	0.000153489	0.343029	-2.91521	0.00744514	0.566504	-1.76521	23.562	10.1452	0.382731	1
cg23716309	0.117017	0.70793	-1.41257	0.0104137	0.519778	-1.9239	0.000572457	0.339	-2.94985	0.0157168	0.548521	-1.82309	15.8397	10.3232	0.579313	1
cg12898868	0.00884772	0.272726	-3.66668	0.0603354	0.437826	-2.28401	0.00422641	0.224625	-4.45186	0.381721	0.704836	-1.41877	6.48063	15.603	2.14012	1
cg06131879	0.0246777	0.298722	-3.3476	0.0027523	0.154739	-6.46247	0.0113375	0.238824	-4.18719	?	?	?	6.36669	18.2856	2.87208	1
cg11120695	0.0196382	0.273118	-3.66142	0.0115892	0.233828	-4.27664	0.0533276	0.36399	-2.74733	0.111646	0.450356	-2.22047	3.83781	12.8845	2.98423	1
cg14834477	0.00301285	1.7523	1.7523	2.80E-09	0.0234667	-42.6135	0.00143088	1.88895	1.88895	0.424251	0.893546	-1.11914	101.478	30.5733	0.267805	1
cg15926479	0.066885	0.658842	-1.51781	1.56E-06	0.0850957	-11.7515	0.846332	0.961355	-1.0402	0.265547	0.790036	-1.26577	32.7682	21.4135	0.580874	1
cg26275430	0.823749	0.960626	-1.04099	0.675194	0.926918	-1.07884	0.797598	1.04737	1.04737	0.3321	0.835115	-1.19744	9.15952	4.70418	0.456519	1
cg19206479	0.859389	0.935797	-1.06861	0.00411644	0.236906	-4.22108	0.991739	1.00388	1.00388	0.336932	0.6904	-1.44844	7.85477	17.4209	1.97145	1
cg02258112	0.37898	1.69305	1.69305	0.000204003	0.0264674	-37.7823	0.0410047	0.252663	-3.95783	0.201301	0.455097	-2.19734	6.09802	32.8667	4.79087	1
cg14852276	0.8669	1.04711	1.04711	0.0224579	0.472152	-2.11796	0.0443651	1.8848	1.8848	0.00159443	0.288416	-3.46722	11.1126	13.258	1.0605	1
cg08684733	0.0523932	2.56277	2.56277	0.0509404	0.387306	-2.58194	0.188479	1.81199	1.81199	0.729909	0.862561	-1.15934	4.97968	14.3527	2.562	1
cg01328500	0.483691	1.55357	1.55357	0.275681	0.49565	-2.01755	0.00876709	7.89571	7.89571	0.868886	0.902798	-1.10767	3.70846	22.501	5.39331	1
cg21915659	0.963109	1.02867	1.02867	0.113689	0.349255	-2.86323	0.0325789	4.61285	4.61285	0.968286	0.975993	-1.0246	3.58065	21.1854	5.25922	1
cg12683467	0.0123806	0.656734	-1.52269	0.0155465	0.669828	-1.49292	0.740446	0.956098	-1.04592	0.095865	0.781142	-1.28018	4.03749	1.16623	0.256755	1
cg20370345	0.0100009	0.483616	-2.06776	0.0687653	0.634435	-1.57621	0.665451	1.10206	1.10206	0.060731	0.62357	-1.60367	6.39155	5.05125	0.70249	1
cg12059424	0.0466646	0.712922	-1.40268	0.000794944	2.12273	2.12273	0.241405	1.19981	1.19981	0.821162	1.03421	1.03421	11.5264	4.02834	0.310656	1
cg26902130	0.27968	1.67159	1.67159	0.000463747	0.0806373	-12.4012	0.908992	1.05367	1.05367	0.0132344	0.245682	-4.07031	5.98908	19.8236	2.94219	1
cg03713923	0.024284	2.02249	2.02249	0.338906	1.29508	1.29508	0.00798894	0.409923	-2.43948	0.171119	0.682326	-1.46557	4.59678	5.00926	0.968651	1
cg22410743	0.436286	1.15721	1.15721	0.0828621	0.702519	-1.42345	0.0126086	0.56538	-1.76872	0.00801517	0.535451	-1.86758	6.55084	3.50686	0.475848	1
cg12485906	0.388554	1.18643	1.18643	0.0459673	1.55655	1.55655	0.794399	0.950733	-1.05182	0.989098	0.99736	-1.00265	4.57067	2.70903	0.526842	1
cg21209998	0.915504	0.992307	-1.00775	0.577179	0.959846	-1.04183	0.87489	0.9886	-1.01153	0.817036	1.01701	1.01701	45.2	3.79035	0.0745398	1
cg12499126	0.0174759	0.870601	-1.14863	0.000103846	0.719791	-1.38929	0.000361275	1.31519	1.31519	0.00734143	0.847436	-1.18003	24.8729	0.903904	0.0323031	1
cg04286959	0.00530737	0.428329	-2.33465	0.000967874	0.321904	-3.10652	0.00130076	0.339298	-2.94726	0.0881734	0.647773	-1.54375	7.71833	6.51022	0.749756	1
cg00110192	0.0132965	0.591578	-1.69039	0.0348886	0.656544	-1.52313	0.642163	0.923038	-1.08338	0.0334147	1.53015	1.53015	3.71853	1.72482	0.412305	1
cg01549820	0.314455	0.811256	-1.23266	0.0465103	0.632259	-1.58163	0.407298	1.18583	1.18583	0.044584	0.628928	-1.59001	4.34533	2.78259	0.569212	1
cg10461878	0.0263478	0.32704	-3.05773	0.000534453	0.101586	-9.84384	0.00301652	0.178108	-5.61456	0.00574967	0.215249	-4.64578	7.86079	22.4167	2.53485	1
cg16975599	0.593097	1.19246	1.19246	0.0540731	2.04114	2.04114	0.861046	1.05884	1.05884	0.71182	0.885957	-1.12872	5.46671	9.22036	1.49923	1
cg03455716	0.609428	0.91015	-1.09872	0.0147659	1.73012	1.73012	0.0195364	0.597112	-1.67473	0.0983195	0.718015	-1.39273	4.97722	2.63161	0.469982	1
cg23982461	0.417764	0.73772	-1.35553	0.105592	0.522325	-1.91452	0.689306	0.862749	-1.15909	0.0343256	0.403763	-2.4767	4.56833	9.76382	1.89981	1
cg09784347	0.0398435	0.44682	-2.23804	0.0046866	0.279588	-3.5767	0.544112	0.812073	-1.23142	0.0443736	0.45707	-2.18785	4.31375	7.85352	1.61829	1
cg17255703	0.0298239	0.331845	-3.01345	0.0285355	0.327918	-3.04954	0.602649	1.25437	1.25437	0.181995	0.54267	-1.84274	3.46151	10.207	2.62108	1
cg02944637	0.00907962	0.297546	-3.36083	0.00933075	0.2995	-3.3389	0.732199	0.881976	-1.13382	0.0177914	0.348703	-2.86777	6.48617	13.7326	1.88196	1
cg02935562	0.0341819	1.37972	1.37972	0.00329393	1.68451	1.68451	0.292208	1.15296	1.15296	0.229199	0.848454	-1.17861	5.60108	1.50476	0.238804	1
cg04911307	0.000500374	0.226224	-4.4204	0.000597119	0.235418	-4.24776	0.440229	1.23972	1.23972	0.177334	0.676096	-1.47908	9.35143	11.0385	1.04925	1
cg21615663	0.628053	0.880259	-1.13603	0.00158098	0.305706	-3.27112	0.450659	0.818082	-1.22237	0.000574167	0.248454	-4.02488	9.2875	10.0391	0.960821	1
cg02220499	0.00260769	0.560293	-1.78478	0.194531	0.82642	-1.21004	0.0134789	0.653815	-1.52948	0.210599	0.83255	-1.20113	3.58045	1.09439	0.271696	1
cg27310024	0.000737194	0.374136	-2.67283	0.000355364	0.333061	-3.00245	0.0235642	1.67947	1.67947	0.0177662	0.575406	-1.7379	14.7582	8.59362	0.517594	1
cg10978402	0.299906	0.86271	-1.15914	4.03E-05	0.340352	-2.93813	0.538368	0.917926	-1.08941	0.0870441	1.29662	1.29662	8.85994	2.65166	0.266032	1
cg07007674	0.772186	0.895098	-1.1172	0.000269632	0.0838625	-11.9243	0.229706	1.62336	1.62336	0.109944	1.96179	1.96179	8.05241	18.1801	1.75601	1
cg25186680	0.00530789	0.237126	-4.21718	0.352154	0.687244	-1.45509	0.972072	1.01381	1.01381	0.915639	0.959342	-1.04238	3.86614	9.39585	2.16026	1
cg14559494	0.12	1.45643	1.45643	0.220511	1.3326	1.3326	0.898738	1.02879	1.02879	0.262938	0.770922	-1.29715	3.8254	3.01051	0.699536	1
cg22735190	0.563782	0.82767	-1.20821	0.477638	0.791358	-1.26365	0.0685185	0.516374	-1.93658	0.136045	0.594148	-1.68308	3.79624	6.31586	1.47886	1
cg13029957	0.0009748	0.420098	-2.3804	0.0153455	0.590957	-1.69217	0.236958	1.24487	1.24487	0.610588	0.913214	-1.09503	12.4325	6.15287	0.439913	1
cg18793322	0.148236	1.36109	1.36109	0.0136465	1.83389	1.83389	0.686734	1.08393	1.08393	0.748017	0.937938	-1.06617	10.749	6.72665	0.556262	1
cg14843129	0.130425	0.706642	-1.41514	0.00155857	0.380366	-2.62904	0.00263663	2.42239	2.42239	0.268514	0.782713	-1.27761	9.64905	6.9058	0.636175	1
cg26348614	0.173857	0.571594	-1.74949	0.0294473	0.371063	-2.69496	0.03296	0.381287	-2.6227	0.670626	0.847567	-1.17985	6.16544	14.5938	2.10403	1
cg04709306	0.832855	1.05235	1.05235	0.0105781	0.460063	-2.17361	0.811082	1.05952	1.05952	0.00913293	0.449519	-2.2246	5.58662	5.15825	0.82073	1
cg24637374	0.083472	0.447853	-2.23287	0.0217526	0.315112	-3.17348	0.82169	1.09927	1.09927	0.0202299	0.309121	-3.23498	3.73535	10.3997	2.47479	1
cg10586870	0.391962	0.701138	-1.42625	0.00819222	0.254214	-3.93369	0.207517	0.583885	-1.71266	0.0502948	0.405217	-2.46781	3.62886	9.41888	2.30715	1
ch.5.1433452R	0.00563818	0.379841	-2.63268	0.047386	0.546393	-1.83018	0.322439	0.761596	-1.31303	0.556763	0.853539	-1.17159	3.41779	3.843	0.999478	1
cg12689752	0.0210359	0.418768	-2.38796	0.000364449	0.166724	-5.99794	0.130795	0.599474	-1.66813	0.00361988	0.290853	-3.43817	7.67098	11.9494	1.38466	1
cg17733515	0.956916	1.00807	1.00807	0.755381	0.954546	-1.04762	0.00988775	0.615588	-1.62446	0.125312	0.781182	-1.28011	4.62899	1.62432	0.311912	1
cg12617080	0.0739058	0.540129	-1.85141	0.386801	1.31562	1.31562	0.897961	0.961106	-1.04047	0.040641	0.481476	-2.07695	4.54692	6.88522	1.34601	1
cg12262564	0.0310642	0.645561	-1.54904	0.00675248	0.544883	-1.83526	0.600358	1.09571	1.09571	0.354553	0.848162	-1.17902	4.53151	2.14567	0.42089	1
cg07956012	0.0356854	0.213459	-4.68474	0.0121132	0.138654	-7.21221	0.0129778	0.142605	-7.01237	0.0626002	0.266144	-3.75736	3.97818	25.1433	5.61806	1
cg11716578	0.0587706	0.501387	-1.99447	0.00274734	0.262758	-3.80579	0.0289428	0.43481	-2.29985	0.222904	0.660862	-1.51318	3.91986	6.49341	1.47248	1
cg12441221	0.468464	0.874008	-1.14415	0.000801738	2.51888	2.51888	0.422528	1.16133	1.16133	0.223302	1.26314	1.26314	13.0087	6.86679	0.469209	1
cg19023320	0.137393	0.750275	-1.33284	0.626165	1.09216	1.09216	0.090263	1.39827	1.39827	0.435614	0.866898	-1.15354	12.589	6.4294	0.453969	1
cg21770393	0.110603	1.37116	1.37116	0.294951	1.21799	1.21799	0.00626394	0.523763	-1.90926	0.002595	0.468727	-2.13344	10.6215	5.54531	0.464075	1
cg08162476	0.0246521	0.380762	-2.62631	5.37E-05	0.065972	-15.1579	0.00389778	0.246003	-4.065	0.0480566	0.442436	-2.26021	9.18271	18.9399	1.83338	1
cg08099661	0.112296	1.66126	1.66126	0.0171081	0.426033	-2.34724	0.757168	1.09533	1.09533	0.147538	0.633681	-1.57808	8.32559	11.3646	1.21335	1
cg02626656	0.890346	1.01525	1.01525	0.00140261	0.601996	-1.66114	0.0120962	1.40943	1.40943	0.099505	1.21903	1.21903	5.57322	1.06213	0.169402	1
cg13878677	0.00734029	0.144059	-6.94162	0.00135164	0.0735706	-13.5924	0.0108649	0.166461	-6.0074	0.024492	0.2226	-4.49237	5.53449	27.5511	4.42496	1
cg15227522	0.0345107	0.442465	-2.26007	0.00188108	0.232784	-4.29583	0.13022	1.71696	1.71696	0.918503	0.966718	-1.03443	5.1016	8.8377	1.53986	1
cg09886336	0.333808	1.12692	1.12692	0.00128166	1.75553	1.75553	0.785071	1.03331	1.03331	0.0456041	0.759755	-1.31621	4.49843	1.02365	0.202274	1
cg08102294	0.102989	0.385064	-2.59697	0.00296247	0.11278	-8.86681	0.0180098	0.214914	-4.65302	0.0392811	0.279154	-3.58225	4.41405	20.0115	4.02986	1
cg20042798	0.277342	1.17461	1.17461	0.7867	1.03939	1.03939	0.00185974	1.8758	1.8758	0.201404	1.2119	1.2119	4.26551	1.37087	0.285675	1
cg21831975	0.46657	1.3011	1.3011	0.11548	0.54449	-1.83658	0.441076	0.75647	-1.32193	0.0124066	0.331003	-3.02112	3.76536	7.5265	1.77678	1
cg12579534	0.938838	0.963778	-1.03758	0.19964	0.521276	-1.91837	0.151519	0.477683	-2.09344	0.0452072	0.331328	-3.01816	3.54279	12.9696	3.25408	1
cg01044637	0.154936	0.40831	-2.44912	0.0364882	0.239219	-4.18027	0.0403327	0.248149	-4.02983	0.0811245	0.320488	-3.12024	3.44952	18.9173	4.87472	1
cg10761425	0.0530546	0.752972	-1.32807	0.486894	1.09546	1.09546	8.58E-06	0.286727	-3.48763	0.000622803	0.506932	-1.97265	20.8497	5.50102	0.234526	1
cg02342415	0.00611761	0.5024	-1.99045	0.000280969	0.319004	-3.13475	0.414088	0.851607	-1.17425	0.00351157	0.466881	-2.14187	13.5955	7.97025	0.521102	1
cg04231814	0.241805	1.16351	1.16351	0.00327417	1.64126	1.64126	0.849929	1.02369	1.02369	0.895237	1.01642	1.01642	9.94527	2.40683	0.215118	1
cg04995978	0.167607	0.683022	-1.46408	0.928043	1.02369	1.02369	0.675001	1.1155	1.1155	0.0333501	0.524904	-1.90511	8.9669	9.54035	0.945735	1
cg21408848	0.0337207	1.68045	1.68045	0.000718601	2.9373	2.9373	0.00706651	2.07231	2.07231	0.175916	1.35149	1.35149	7.78771	5.40361	0.616768	1
cg10748086	0.565479	1.269	1.269	0.182229	0.559604	-1.78698	0.949478	1.02632	1.02632	0.508521	1.31656	1.31656	6.36589	16.9518	2.36704	1
cg16562217	0.100784	1.34087	1.34087	0.00244937	1.98941	1.98941	0.437065	0.878644	-1.13812	0.426688	1.14162	1.14162	6.34058	2.67427	0.374907	1
cg12185435	0.223427	0.733087	-1.36409	0.085985	1.58492	1.58492	0.00431159	2.52521	2.52521	0.22549	1.36203	1.36203	6.10334	5.69516	0.829442	1
cg12292584	0.480746	0.785838	-1.27253	0.243047	0.663138	-1.50798	0.144024	0.589917	-1.69515	0.0210943	0.3935	-2.54129	6.04756	10.8295	1.59175	1
cg18011006	0.0470051	0.556893	-1.79568	0.367689	0.787998	-1.26904	0.464191	1.21146	1.21146	0.599582	0.872487	-1.14615	4.84938	5.09214	0.933387	1
cg16081096	0.0999805	0.625875	-1.59776	0.0988498	0.624709	-1.60075	0.00341752	2.81286	2.81286	0.662807	0.892199	-1.12083	4.60288	4.92723	0.951525	1
cg24848948	0.167396	0.803828	-1.24405	0.841947	1.03007	1.03007	0.214667	1.21388	1.21388	0.975233	1.00462	1.00462	4.43432	1.54625	0.309956	1
cg09645699	0.0469273	1.33329	1.33329	0.00163641	1.76911	1.76911	0.982127	0.997171	-1.00284	0.534107	1.08289	1.08289	4.11197	1.04166	0.225178	1
cg22215392	0.0266705	1.54933	1.54933	0.00519953	1.84927	1.84927	0.517797	1.1155	1.1155	0.843026	1.0336	1.0336	4.08053	1.79597	0.391228	1
cg02633761	0.826202	1.20514	1.20514	0.92645	0.924644	-1.0815	0.625095	1.51874	1.51874	0.998042	0.99792	-1.00208	3.89728	44.4425	10.1364	1
cg18938476	0.112391	0.744693	-1.34284	2.05E-05	0.230441	-4.33951	0.379216	0.857394	-1.16632	0.646343	1.08198	1.08198	12.1635	5.60363	0.409505	1
cg11412673	0.259671	1.27675	1.27675	0.337304	0.814208	-1.22819	9.93E-05	4.20128	4.20128	0.190017	1.33429	1.33429	7.75014	5.29917	0.607779	1
cg03382925	0.688094	0.91852	-1.08871	0.485979	0.861484	-1.16079	0.47543	0.85826	-1.16515	0.389101	0.830366	-1.20429	6.67232	4.68736	0.624451	1
cg00381376	?	?	?	0.848449	0.911937	-1.09657	0.995546	0.997314	-1.00269	0.483262	1.40962	1.40962	4.73381	15.4733	3.26867	1
cg26351354	0.440927	0.841395	-1.1885	0.422011	1.1975	1.1975	0.428719	0.83733	-1.19427	0.00133722	0.358934	-2.78603	37.3947	28.5997	0.679827	1
cg11475880	0.00737911	0.666513	-1.50034	0.00748067	0.667225	-1.49874	0.0269986	0.73512	-1.36032	0.0404748	0.757247	-1.32057	37.2195	8.13981	0.194398	1
cg22288147	0.321953	0.781387	-1.27978	0.139177	1.46776	1.46776	0.828597	1.05366	1.05366	0.443337	0.828259	-1.20735	22.0141	20.2656	0.818291	1
cg13983639	0.113266	0.489785	-2.04171	0.240989	0.601478	-1.66257	0.730296	0.866475	-1.1541	0.938735	1.03235	1.03235	8.38594	22.7813	2.41476	1
cg22193343	0.103291	1.74279	1.74279	0.502956	0.809027	-1.23605	0.176552	0.638988	-1.56497	0.00499263	0.314015	-3.18457	6.80088	10.4677	1.36814	1
cg21323815	0.089417	0.745581	-1.34124	0.00147041	0.486893	-2.05384	0.0680411	1.37763	1.37763	0.359881	0.862798	-1.15902	5.11695	1.99173	0.345992	1
cg17959821	0.374953	1.26999	1.26999	0.228779	1.39307	1.39307	0.0107029	2.32091	2.32091	0.000830763	0.26694	-3.74615	7.84385	8.55793	0.969811	1
cg21623445	0.62913	1.1206	1.1206	0.000168887	0.223708	-4.47011	0.133786	1.4599	1.4599	0.0291283	0.547926	-1.82506	15.015	13.0192	0.770733	1
cg26458557	0.00993529	1.55715	1.55715	0.197573	1.20349	1.20349	0.091239	0.776495	-1.28784	0.0871698	1.29287	1.29287	5.4475	1.59569	0.260374	1
cg05371438	0.00220002	0.368701	-2.71222	0.0803854	0.637118	-1.56957	0.05607	0.604736	-1.65361	0.0150845	0.49948	-2.00208	5.32253	4.55413	0.760563	1
cg00862117	0.321733	0.680063	-1.47045	0.00360964	0.226758	-4.41	0.00569358	3.91906	3.91906	0.686505	1.16512	1.16512	4.88912	10.9848	1.99715	1
cg19472098	0.417404	0.844744	-1.18379	0.0148504	0.543303	-1.84059	0.0196699	1.77481	1.77481	0.145954	1.3741	1.3741	4.45536	2.92479	0.583526	1
cg12760498	0.575689	0.917703	-1.08968	3.30E-07	0.105094	-9.51529	0.000883929	0.469165	-2.13145	4.84E-05	0.313235	-3.19249	41.2404	15.0663	0.324736	1
cg14856738	0.821323	0.968082	-1.03297	0.000165255	0.398266	-2.51089	0.00687614	0.60542	-1.65175	0.00431822	0.578619	-1.72825	16.2328	5.28687	0.289503	1
cg19115941	0.267816	0.892016	-1.12106	0.0172475	1.3327	1.3327	0.0162689	1.33762	1.33762	0.0043083	0.685332	-1.45915	14.2116	2.20586	0.13797	1
cg04080080	0.0219265	1.30281	1.30281	0.000226278	1.80392	1.80392	0.898455	1.01236	1.01236	0.706921	0.96431	-1.03701	8.783	1.28771	0.130323	1
cg13147090	0.265798	1.41948	1.41948	6.17E-05	9.31955	9.31955	0.0107084	2.6352	2.6352	0.201658	1.50277	1.50277	8.56182	12.3743	1.2847	1
cg09111831	0.416291	1.17909	1.17909	0.0680304	1.49968	1.49968	9.87E-05	0.253872	-3.93899	0.686852	0.922782	-1.08368	8.2074	5.1113	0.55357	1
cg00292513	0.0516121	2.24057	2.24057	0.000199095	9.73005	9.73005	0.0014306	5.36188	5.36188	0.0130294	3.0704	3.0704	7.85478	16.4967	1.86685	1
cg10356759	0.320929	1.46878	1.46878	0.0129436	3.17852	3.17852	9.70E-05	13.4396	13.4396	0.119821	1.8826	1.8826	7.04479	15.6792	1.97834	1
cg21838640	0.962049	1.00725	1.00725	0.00179898	1.96279	1.96279	0.360454	1.15348	1.15348	0.0112273	0.617258	-1.62007	6.95417	2.54036	0.324711	1
cg24485571	0.69728	0.936683	-1.0676	0.00415185	0.525747	-1.90206	0.00257013	0.496839	-2.01273	0.208013	1.24873	1.24873	6.63809	2.94358	0.394167	1
cg05962028	0.0511542	1.75259	1.75259	0.225748	0.725134	-1.37906	0.519584	1.17931	1.17931	0.875014	0.961012	-1.04057	5.23883	5.29599	0.898588	1
cg25396728	0.0390447	5.41576	5.41576	0.00104566	30.9095	30.9095	0.00772073	11.25	11.25	0.0243437	6.6717	6.6717	4.9996	39.6039	7.04125	1
cg04846961	0.710919	0.955283	-1.04681	0.0125341	1.46468	1.46468	0.0346019	0.738766	-1.35361	0.268976	0.868075	-1.15197	4.73602	1.13273	0.212599	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12705449	IQSEC3;IQSEC3	0.0220495	0.026669	2.19097	2.19097	0.00463049	3.08032	3.08032	0.201897	1.49545	1.49545	0.0902037	1.74655	1.74655	0.0363975	0.483649	-2.06761
cg01239735	IQSEC3;IQSEC3	0.026703	0.0244943	5.437	5.437	0.00673286	9.20842	9.20842	0.536247	1.4855	1.4855	0.0568208	3.90435	3.90435	0.487002	0.640029	-1.56243
cg17815797	IQSEC3;IQSEC3	0.0296402	0.666758	0.915753	-1.092	0.114855	0.705864	-1.4167	0.786211	0.946265	-1.05679	0.655959	1.09537	1.09537	0.0216131	0.570989	-1.75135
cg18435000	IQSEC3;IQSEC3	0.0365816	0.0236364	4.69794	4.69794	0.0655832	3.26475	3.26475	0.187132	2.22675	2.22675	0.0939956	2.86997	2.86997	0.107474	2.73428	2.73428
cg11518507	IQSEC3;IQSEC3	0.0486141	0.27809	1.6352	1.6352	0.00663575	4.64691	4.64691	0.0121348	3.90864	3.90864	0.211945	1.77412	1.77412	0.191089	0.546863	-1.82861
cg17951408	IQUB	4.27E-05	0.0124243	1.4427	1.4427	0.000610059	0.536836	-1.86277	2.34E-06	0.258079	-3.87478	0.127	0.823302	-1.21462	0.00197564	0.597527	-1.67356
cg26903781	IQUB	0.00504905	0.182541	0.622414	-1.60665	0.0971883	0.541517	-1.84666	0.00807435	0.309493	-3.23109	0.118622	0.565615	-1.76799	0.000285475	0.117979	-8.47609
cg10752676	IQUB	0.0117889	0.032318	0.326444	-3.06331	0.624754	0.802369	-1.24631	0.315909	0.629296	-1.58908	0.0494996	0.367472	-2.7213	0.0026747	0.156542	-6.38808
cg14472291	IQUB	0.0209549	0.134515	0.54368	-1.83932	0.0558236	0.441201	-2.26654	0.0177394	0.33658	-2.97107	0.00517201	0.248043	-4.03157	0.00244918	0.203549	-4.91283
cg16411895	IQUB;IQUB	0.00615167	0.00734784	1.72966	1.72966	0.00207327	0.502787	-1.98891	0.0286491	0.664063	-1.50588	0.860463	1.02829	1.02829	0.01896	0.637285	-1.56916
cg02742918	IRAK1;IRAK1;IRAK1	0.0115668	0.000631021	0.0695564	-14.3768	0.135449	0.441949	-2.26271	0.638363	0.786454	-1.27153	0.923201	1.05015	1.05015	0.481651	0.695633	-1.43754
cg19366835	IRAK1BP1	0.00281102	0.000472312	0.577829	-1.73061	0.000332868	0.560877	-1.78292	0.00362423	0.674923	-1.48165	0.764594	0.970454	-1.03045	0.12532	0.84732	-1.18019
cg21994724	IRAK1BP1	0.013309	0.337621	1.43088	1.43088	0.495139	0.77843	-1.28464	0.010475	3.341	3.341	0.131994	1.8103	1.8103	0.0113283	0.305389	-3.27451
cg02776933	IRAK1BP1	0.0220172	0.387078	1.13913	1.13913	0.0920369	1.31323	1.31323	0.45771	0.894839	-1.11752	0.0251557	0.676203	-1.47885	0.05364	0.724714	-1.37985
cg27510097	IRAK1BP1	0.0321198	0.0129785	0.455504	-2.19537	0.0192581	0.485724	-2.05878	0.00461326	0.382329	-2.61555	0.0876998	0.618318	-1.61729	0.0125153	0.452791	-2.20852
cg03000156	IRAK1BP1;IRAK1BP1	0.0362457	0.447456	1.07168	1.07168	0.495943	0.940058	-1.06376	0.183612	0.881495	-1.13444	0.71852	1.03289	1.03289	0.00910493	1.34483	1.34483
cg06391377	IRAK2	1.09E-05	0.00377559	1.77558	1.77558	1.13E-05	0.25391	-3.9384	1.08E-05	0.251855	-3.97054	0.424339	0.887047	-1.12734	0.236762	0.833521	-1.19973
cg04455646	IRAK2	0.00038319	0.189287	1.39169	1.39169	0.0281247	0.539909	-1.85216	0.00943434	0.457465	-2.18596	0.0284826	0.540924	-1.84869	7.26E-05	0.179712	-5.56445
cg10317164	IRAK2	0.000595245	6.34E-05	0.308783	-3.23852	0.00218073	0.503387	-1.98654	0.676697	0.935241	-1.06924	0.0072713	0.57535	-1.73807	0.135719	0.773591	-1.29267
cg07716603	IRAK2	0.00402951	0.00675945	0.271126	-3.68833	0.0820108	0.488536	-2.04693	0.107709	0.520712	-1.92045	0.00415582	0.239755	-4.17093	0.000216405	0.100817	-9.91895
cg14784004	IRAK2	0.00556642	0.00267744	0.287674	-3.47616	0.297589	0.723173	-1.3828	0.480223	0.806224	-1.24035	0.0540442	0.518738	-1.92776	0.000452904	0.190321	-5.25428
cg18527651	IRAK2	0.00841286	0.0188658	0.403458	-2.47857	0.864775	0.947059	-1.0559	0.000775298	0.197231	-5.0702	0.00756279	0.334025	-2.99379	0.00645229	0.322917	-3.09678
cg13419330	IRAK2	0.0179629	0.00533156	0.152093	-6.57494	0.262789	0.549376	-1.82025	0.02214	0.244791	-4.08512	0.0268036	0.260335	-3.8412	0.00953404	0.185545	-5.38953
cg15914589	IRAK2	0.0310281	0.00199095	0.411906	-2.42774	0.919571	1.02073	1.02073	0.558702	0.886791	-1.12766	0.190457	0.754512	-1.32536	0.00708924	0.493199	-2.02758
cg07631359	IRAK2	0.0371439	0.0204842	0.329429	-3.03555	0.504092	1.30944	1.30944	0.173516	0.562218	-1.77867	0.893277	0.948021	-1.05483	0.00326479	0.202964	-4.92699
cg18716706	IRAK2	0.0484794	0.209346	1.19506	1.19506	0.345814	1.13968	1.13968	0.12207	0.797972	-1.25318	0.725248	0.953591	-1.04867	0.7231	1.04908	1.04908
cg05002590	IRAK2;IRAK2	0.0328338	0.411504	0.843226	-1.18592	0.136101	1.3856	1.3856	0.0287911	1.68808	1.68808	0.708025	0.92645	-1.07939	0.915064	0.978569	-1.0219
cg20162652	IRAK3;IRAK3	0.000947118	0.193126	0.673029	-1.48582	0.304343	1.35778	1.35778	0.445971	1.25028	1.25028	0.530802	0.833144	-1.20027	0.3906	0.776525	-1.28779
cg10900075	IRAK3;IRAK3	0.00180644	0.91263	0.981145	-1.01922	0.000205494	0.340091	-2.94039	0.00769281	0.552148	-1.81111	0.0485895	1.47801	1.47801	0.0392585	1.51235	1.51235
cg06294416	IRAK3;IRAK3	0.00409028	0.00145781	0.0995534	-10.0449	0.0798336	0.377025	-2.65235	0.0156924	0.226255	-4.41979	0.667335	0.804939	-1.24233	0.00322424	0.133078	-7.5144
cg20395892	IRAK3;IRAK3	0.00915137	0.0355001	4.19329	4.19329	0.00277276	11.2035	11.2035	0.269464	1.96098	1.96098	0.343238	1.77144	1.77144	0.237004	0.484076	-2.06579
cg07914866	IRAK3;IRAK3	0.0097527	0.527128	0.694193	-1.44052	0.0395976	3.87955	3.87955	0.972742	1.01965	1.01965	0.308086	0.548278	-1.82389	0.00104668	0.0630896	-15.8505
cg12866960	IRAK3;IRAK3	0.0108267	0.0542713	0.666174	-1.50111	0.0177757	0.585088	-1.70915	0.0136816	0.56718	-1.76311	0.0021451	0.448533	-2.22949	0.245151	0.797647	-1.25369
cg19995654	IRAK3;IRAK3	0.0109227	0.0319887	0.281051	-3.55808	0.902265	1.06402	1.06402	0.120741	0.427416	-2.33964	0.252891	0.547053	-1.82798	0.00732596	0.174419	-5.73333
cg26279550	IRAK3;IRAK3	0.0115709	0.0140715	25.8172	25.8172	0.00454869	57.6043	57.6043	0.102627	6.79056	6.79056	0.138356	5.53576	5.53576	0.105953	0.150484	-6.64522
cg18177616	IRAK3;IRAK3	0.0429819	0.0446865	5.14173	5.14173	0.0812396	3.94777	3.94777	0.087895	3.81178	3.81178	0.19866	2.62476	2.62476	0.349811	0.504739	-1.98122
cg08660562	IRAK3;IRAK3	0.044322	0.0137497	0.083413	-11.9885	0.249293	0.374585	-2.66962	0.633741	0.676082	-1.47911	0.433319	0.520993	-1.91941	0.0568985	0.172528	-5.79616
cg23299469	IRAK4;IRAK4;IRAK4;IRAK4;IRAK4	0.00364985	0.102782	0.495397	-2.01858	0.00234056	0.187967	-5.32009	0.001808	0.174505	-5.73051	0.0126435	0.295282	-3.38659	0.00178095	0.17374	-5.75572
cg20460388	IRAK4;IRAK4;IRAK4;IRAK4;IRAK4	0.0213156	0.850994	0.972225	-1.02857	0.0441342	0.707233	-1.41396	0.165253	0.80115	-1.24821	0.597135	0.923214	-1.08317	0.379365	1.14463	1.14463
cg27465569	IRAK4;PUS7L;IRAK4;PUS7L;PUS7L;IRAK4;IRAK4;IRAK4	0.00018105	0.494463	0.816994	-1.224	0.969413	0.988891	-1.01123	0.877279	0.95598	-1.04605	0.388922	1.29335	1.29335	5.79E-05	0.113973	-8.77402
cg23474723	IRAK4;PUS7L;IRAK4;PUS7L;PUS7L;IRAK4;IRAK4;IRAK4	0.00245151	0.00462435	0.242448	-4.1246	0.0043356	0.238436	-4.19399	0.0694256	0.465917	-2.14631	0.145883	0.555932	-1.79878	0.000535856	0.131888	-7.58219
cg16707536	IREB2	0.000299423	0.000323382	0.472872	-2.11473	8.18E-05	0.400726	-2.49547	0.000209077	0.44983	-2.22306	0.0336831	0.726544	-1.37638	0.838027	0.973985	-1.02671
cg07693058	IREB2	0.00471826	0.000483469	0.431778	-2.31601	0.115126	0.76882	-1.30069	0.0555609	1.39507	1.39507	0.0219126	0.655747	-1.52498	0.00500159	0.565514	-1.7683
cg11862246	IREB2	0.0122629	0.739784	0.879102	-1.13752	0.338964	0.683167	-1.46377	0.28043	1.54299	1.54299	0.026526	2.76376	2.76376	0.0651371	0.449111	-2.22662
cg07989511	IREB2	0.0138777	0.557461	1.12288	1.12288	0.880309	0.970993	-1.02987	0.659046	1.09062	1.09062	0.908776	1.02264	1.02264	0.358299	0.831489	-1.20266
cg18825076	IREB2	0.0229056	0.105847	0.664619	-1.50462	0.00557444	2.32104	2.32104	0.0328916	0.561504	-1.78093	0.851246	1.04438	1.04438	0.0471509	0.591346	-1.69106
cg26674929	IREB2	0.026708	0.688303	1.04941	1.04941	0.0118497	1.45609	1.45609	0.2854	1.1419	1.1419	0.183365	1.18392	1.18392	0.00364412	1.6006	1.6006
cg14000074	IREB2	0.0275839	0.0553168	0.640945	-1.5602	0.017766	0.554212	-1.80436	0.00768148	0.495855	-2.01672	0.550343	0.883615	-1.13171	0.366135	0.826859	-1.2094
cg21138405	IRF1	0.0023777	0.00508119	0.46987	-2.12825	0.559449	1.12791	1.12791	0.0568206	0.644287	-1.5521	0.0289119	0.591373	-1.69098	9.58E-05	0.242681	-4.12064
cg20287640	IRF1	0.00271448	0.172819	0.462438	-2.16245	0.93654	0.95855	-1.04324	0.0365269	0.274749	-3.63969	?	?	?	0.0432824	0.290594	-3.44123
cg15375424	IRF1	0.00410049	0.162341	0.632243	-1.58167	0.815329	1.07455	1.07455	0.545246	1.20702	1.20702	0.217496	0.671159	-1.48996	0.000321623	0.167161	-5.98225
cg15421363	IRF1	0.0121969	0.018292	0.80167	-1.2474	0.0722037	0.856516	-1.16752	0.844255	1.0153	1.0153	0.406401	1.06776	1.06776	0.0951865	0.868037	-1.15202
cg25410123	IRF1	0.0371308	0.317806	0.875164	-1.14264	0.456112	1.10298	1.10298	0.588728	1.07304	1.07304	0.128335	0.808746	-1.23648	0.592738	0.932654	-1.07221
cg19092489	IRF2	7.00E-05	0.107031	1.22113	1.22113	0.000198793	2.03319	2.03319	0.000767127	1.78351	1.78351	0.0112648	1.43401	1.43401	1.99E-05	0.374836	-2.66783
cg04748972	IRF2	0.000255995	0.00490819	0.576945	-1.73327	0.274193	0.845441	-1.18281	0.918702	1.01518	1.01518	0.297662	0.852727	-1.17271	2.23E-05	0.285073	-3.50788
cg12453504	IRF2	0.00249272	0.651728	0.918785	-1.08839	0.331961	0.829786	-1.20513	0.150107	0.75006	-1.33323	0.626394	1.09577	1.09577	0.000179989	0.306658	-3.26096
cg22442686	IRF2	0.00291378	0.116428	1.22925	1.22925	0.000176012	0.463176	-2.159	0.794457	0.968905	-1.03209	0.0642363	1.28606	1.28606	0.325375	1.13073	1.13073
cg03365373	IRF2	0.00520909	0.794046	1.0494	1.0494	0.823765	0.959726	-1.04196	0.744761	1.06205	1.06205	0.323178	0.828562	-1.20691	0.000647956	0.381313	-2.62252
cg22387286	IRF2	0.00719455	0.119448	1.2588	1.2588	0.78546	1.03787	1.03787	0.00522042	1.65201	1.65201	0.225369	0.840764	-1.18939	0.0126186	1.52569	1.52569
cg23199327	IRF2	0.00787213	0.317684	1.40556	1.40556	0.000833872	5.24671	5.24671	0.00874725	3.00673	3.00673	0.0230972	2.44833	2.44833	0.0410947	2.17458	2.17458
cg20681219	IRF2	0.00948687	0.0830781	0.698781	-1.43106	0.841543	1.0381	1.0381	0.277969	0.809995	-1.23457	0.635197	0.914599	-1.09337	0.354688	0.837069	-1.19464
cg15774137	IRF2	0.0109674	0.0113415	1.36379	1.36379	0.0894903	0.832573	-1.2011	0.719058	0.965265	-1.03599	0.329252	0.906156	-1.10356	0.5946	1.05398	1.05398
cg09308829	IRF2	0.0110639	0.0113367	0.678162	-1.47457	0.32273	0.88239	-1.13329	0.005803	1.55679	1.55679	0.00889268	0.665119	-1.50349	0.0708371	0.780946	-1.2805
cg05075308	IRF2	0.0144403	0.00218613	0.146448	-6.82836	0.484521	0.727916	-1.37379	0.289392	0.61164	-1.63495	0.0791643	0.418402	-2.39004	0.695421	0.838708	-1.19231
cg07940428	IRF2	0.0192112	0.325879	0.843564	-1.18545	0.15795	0.77633	-1.28811	0.427667	1.14547	1.14547	0.000978497	2.27571	2.27571	0.674208	0.931549	-1.07348
cg07534099	IRF2	0.0203977	0.567861	0.916902	-1.09063	0.157568	0.796854	-1.25493	0.532173	1.09975	1.09975	0.0221312	1.51021	1.51021	0.0102141	0.61471	-1.62678
cg16288997	IRF2	0.0321364	0.281324	0.808672	-1.2366	0.319957	1.2152	1.2152	0.843071	1.03831	1.03831	0.0035667	0.472943	-2.11442	0.291709	1.23059	1.23059
cg04307531	IRF2	0.038824	0.418418	1.20986	1.20986	0.0125903	0.489269	-2.04387	0.175096	1.39411	1.39411	0.140876	1.44038	1.44038	0.441524	1.19819	1.19819
cg06583549	IRF2BP1	2.21E-05	2.70E-06	0.135664	-7.37118	0.0256401	1.59876	1.59876	0.0470121	1.49537	1.49537	0.0753963	1.4196	1.4196	9.58E-06	0.184901	-5.4083
cg27009008	IRF2BP1	0.000245005	0.00128524	0.480229	-2.08234	0.000327634	0.373719	-2.67581	0.000172847	3.082	3.082	0.0177516	1.48002	1.48002	0.968556	1.00469	1.00469
cg25499461	IRF2BP1	0.000910757	0.0325542	0.70161	-1.42529	0.637067	1.06963	1.06963	0.00999971	1.58513	1.58513	0.00197388	0.538331	-1.85759	0.348946	0.872334	-1.14635
cg19477551	IRF2BP1	0.0151707	0.00421927	0.0848386	-11.7871	0.485795	0.664016	-1.50599	0.960589	0.971995	-1.02881	0.364751	0.582399	-1.71703	0.00437884	0.0864755	-11.564
cg12610917	IRF2BP1	0.0209308	0.119561	0.586656	-1.70458	0.00250375	3.76553	3.76553	0.830602	1.06999	1.06999	0.0540629	1.99452	1.99452	0.988026	1.00475	1.00475
cg03271150	IRF2BP1	0.0248137	0.022017	0.520936	-1.91962	0.121775	1.48919	1.48919	0.0651085	1.63508	1.63508	0.631063	1.12174	1.12174	0.508812	0.852888	-1.17249
cg06576671	IRF2BP1	0.0377672	0.378377	1.05624	1.05624	0.0384814	0.864878	-1.15623	0.124232	1.10603	1.10603	0.128501	0.905315	-1.10459	0.0507799	1.14424	1.14424
cg11857665	IRF2BP2;IRF2BP2	0.00191121	0.0146196	0.621259	-1.60964	0.00214466	0.505325	-1.97892	0.0177596	0.63358	-1.57833	0.0868841	0.741302	-1.34898	0.00139437	0.480387	-2.08165
cg21690979	IRF2BP2;IRF2BP2	0.00452813	0.264808	0.851797	-1.17399	0.948188	0.99107	-1.00901	0.00576654	0.606938	-1.64761	0.00486383	0.597319	-1.67415	0.0562827	0.742047	-1.34762
cg11689622	IRF2BP2;IRF2BP2	0.0114304	0.597946	1.07416	1.07416	0.00077468	2.07882	2.07882	0.0152323	1.51205	1.51205	0.363559	1.13413	1.13413	0.0269655	1.43504	1.43504
cg01447966	IRF2BP2;IRF2BP2	0.0127409	0.81784	1.08395	1.08395	0.517667	1.25757	1.25757	0.951803	0.979101	-1.02134	0.900931	0.957418	-1.04448	0.314609	0.695342	-1.43814
cg03054713	IRF2BP2;IRF2BP2	0.0362697	0.559217	1.06985	1.06985	0.357798	1.11418	1.11418	0.669854	1.05026	1.05026	0.404299	1.10248	1.10248	0.00218244	1.6347	1.6347
cg06444294	IRF3	0.0115002	0.0302155	0.637485	-1.56867	0.0553245	0.681283	-1.46782	0.00461804	0.513815	-1.94623	0.931095	1.0154	1.0154	0.00173284	0.454116	-2.20208
cg27662875	IRF3	0.0273132	0.662801	1.07455	1.07455	0.518337	1.11329	1.11329	0.02204	1.56838	1.56838	0.980695	0.996042	-1.00397	0.0934057	0.739024	-1.35314
cg16253779	IRF3	0.0338063	0.238549	0.795639	-1.25685	0.0701616	0.687354	-1.45485	0.117153	0.729646	-1.37053	0.298589	0.819116	-1.22083	0.00872216	0.538552	-1.85683
cg03172226	IRF3	0.0379989	0.572981	0.932584	-1.07229	0.0562638	1.30331	1.30331	0.298344	0.876252	-1.14122	0.564779	0.931159	-1.07393	0.843352	1.02454	1.02454
cg18517766	IRF3	0.0403463	0.65695	0.923858	-1.08242	0.0389272	1.52738	1.52738	0.0099785	0.561882	-1.77973	0.50389	1.12769	1.12769	0.369269	1.17748	1.17748
cg06490385	IRF3;BCL2L12;BCL2L12	0.0179923	0.0347672	1.26566	1.26566	0.372679	0.916109	-1.09157	0.221258	0.884177	-1.131	0.507471	0.937653	-1.06649	0.00145795	1.55291	1.55291
cg05495029	IRF3;BCL2L12;BCL2L12	0.0297567	0.870684	0.979785	-1.02063	0.0107519	1.49444	1.49444	0.00817689	1.52844	1.52844	0.284036	0.869784	-1.14971	0.258566	0.862631	-1.15924
cg23891596	IRF3;BCL2L12;BCL2L12	0.0329727	0.803937	1.03959	1.03959	0.921086	1.01559	1.01559	0.644452	1.07523	1.07523	0.703459	0.941793	-1.06161	0.602378	0.921228	-1.08551
cg16643840	IRF4	8.12E-05	0.0839996	0.729047	-1.37165	1.35E-06	7.7072	7.7072	0.0903154	0.734548	-1.36138	0.770459	0.952793	-1.04955	0.26842	0.826524	-1.20989
cg07817739	IRF4	0.000321725	0.0422376	0.491812	-2.0333	0.0621695	1.89049	1.89049	0.00068603	0.207495	-4.8194	0.171514	0.643061	-1.55506	0.000272904	0.163825	-6.10408
cg10379890	IRF4	0.000323178	0.0543166	0.610914	-1.63689	1.14E-05	8.18357	8.18357	0.0105163	2.0679	2.0679	0.763874	1.07035	1.07035	0.734787	1.07976	1.07976
cg25140370	IRF4	0.000412293	0.00275473	0.526481	-1.8994	0.000262264	2.53909	2.53909	0.324445	0.853812	-1.17122	0.0478611	0.70374	-1.42098	0.00157574	0.494134	-2.02374
cg24319508	IRF4	0.000433537	0.0233496	0.433652	-2.306	0.396623	0.76518	-1.30688	0.0149084	0.397248	-2.51732	0.737917	1.1091	1.1091	5.65E-05	0.0996093	-10.0392
cg01108118	IRF4	0.00062686	0.714949	0.917964	-1.08937	2.20E-05	7.30265	7.30265	0.067039	0.619374	-1.61453	0.041441	0.577649	-1.73116	0.0247661	0.535943	-1.86587
cg03410961	IRF4	0.00106587	0.914218	1.01778	1.01778	1.63E-05	4.26959	4.26959	0.0572915	1.4214	1.4214	0.345876	1.17203	1.17203	0.105291	0.748726	-1.3356
cg16046028	IRF4	0.00442817	0.730673	1.14767	1.14767	0.000131003	14.1018	14.1018	0.170618	0.558999	-1.78891	0.541448	0.781622	-1.27939	0.39606	0.707216	-1.414
cg16478536	IRF4	0.00501173	0.614496	0.796382	-1.25568	0.633436	1.24034	1.24034	0.00632331	0.20311	-4.92344	0.562734	1.29997	1.29997	0.000353236	0.07632	-13.1027
cg12741420	IRF4	0.0100763	0.942515	1.02771	1.02771	0.000590396	7.47303	7.47303	0.0504124	0.429522	-2.32817	0.861991	0.936187	-1.06816	0.354409	1.43484	1.43484
cg05766140	IRF4	0.0104974	0.184785	0.600926	-1.6641	0.000331482	8.14898	8.14898	0.0295432	0.395427	-2.52891	0.278703	0.665099	-1.50353	0.965177	1.01593	1.01593
cg07574896	IRF4	0.0171183	0.0219827	0.130428	-7.66706	0.0261348	0.14137	-7.07362	0.0907006	0.251159	-3.98154	0.0830514	0.241077	-4.14805	0.00757203	0.0783452	-12.764
cg17336615	IRF4	0.0217791	0.019477	0.176112	-5.67822	0.18388	0.42024	-2.37959	0.0388509	0.229748	-4.3526	0.167307	0.404461	-2.47243	0.00593081	0.109372	-9.14312
cg12612118	IRF4	0.0290855	0.839265	1.14473	1.14473	0.000828015	28.5258	28.5258	0.136328	0.343625	-2.91015	0.738534	0.800149	-1.24977	0.811483	0.852972	-1.17237
cg06392169	IRF4	0.0416805	0.671595	0.717592	-1.39355	0.00172813	32.414	32.414	0.0342326	0.14624	-6.83809	0.872965	0.882919	-1.13261	0.904585	0.910902	-1.09781
cg17228900	IRF4;IRF4	0.00415923	0.551328	0.696106	-1.43656	6.87E-05	79.3696	79.3696	0.178895	0.42392	-2.35894	0.551118	1.43684	1.43684	0.852598	0.894235	-1.11827
cg20540942	IRF5;IRF5;IRF5;IRF5;IRF5	0.00571267	0.138199	0.474055	-2.10946	0.565862	1.30834	1.30834	0.283223	1.67948	1.67948	0.000128524	0.0340148	-29.399	0.83771	1.09948	1.09948
cg12816198	IRF5;IRF5;IRF5;IRF5;IRF5	0.0400852	0.598547	1.24754	1.24754	0.0016951	6.46806	6.46806	0.755552	1.13884	1.13884	0.536754	1.29745	1.29745	0.623295	1.22887	1.22887
cg08751971	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.000558057	0.000230424	0.255897	-3.90782	0.00566453	2.24566	2.24566	0.00208362	0.380761	-2.62632	0.000830252	0.325749	-3.06985	0.0749712	0.642762	-1.55579
cg24126180	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.0016814	0.00261769	0.601807	-1.66166	0.851778	0.977464	-1.02306	0.00361513	0.618805	-1.61602	0.00463391	0.631909	-1.58251	0.69724	0.953474	-1.0488
cg00140447	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.0210077	0.0866309	0.546483	-1.82988	0.158009	0.617606	-1.61916	0.00228657	0.256256	-3.90235	0.0285297	0.438216	-2.28198	0.285737	0.701893	-1.42472
cg04086097	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.0327641	0.45677	1.21246	1.21246	0.585697	0.869434	-1.15017	0.0137907	0.461256	-2.16799	0.241805	0.732399	-1.36538	0.694274	1.10563	1.10563
cg22046121	IRF6	0.000225011	2.07E-05	0.189169	-5.28629	0.638707	0.912451	-1.09595	0.000234141	0.306655	-3.26099	0.189	0.763678	-1.30945	0.000119448	0.271584	-3.6821
cg09509183	IRF6	0.013709	0.0511778	10.6386	10.6386	0.247991	3.61826	3.61826	0.19143	4.36095	4.36095	0.124727	5.86926	5.86926	0.62263	1.69584	1.69584
cg25204440	IRF6	0.0214172	0.057073	12.8318	12.8318	0.0968172	8.67616	8.67616	0.148971	6.26242	6.26242	0.971164	0.958058	-1.04378	0.831896	0.777269	-1.28656
cg12034118	IRF6	0.0221978	0.0798588	15.9978	15.9978	0.0704544	17.8865	17.8865	0.0659863	18.9587	18.9587	0.0541252	22.6008	22.6008	0.281367	4.93849	4.93849
cg16030177	IRF6	0.0231341	0.0688914	2.60589	2.60589	0.0711949	2.58088	2.58088	0.184985	1.93748	1.93748	0.050111	2.86013	2.86013	0.0378222	3.10522	3.10522
cg25192855	IRF6	0.0280944	0.0198762	12.5641	12.5641	0.0207552	12.2588	12.2588	0.0613382	6.67124	6.67124	0.139237	4.18976	4.18976	0.0247527	11.0947	11.0947
cg12766975	IRF6	0.0299363	0.371996	1.19335	1.19335	0.0919855	0.699255	-1.43009	0.00289957	0.454036	-2.20247	0.194763	1.3028	1.3028	0.087358	0.694897	-1.43906
cg22338127	IRF6	0.0360846	0.0337598	9.94424	9.94424	0.0888893	5.68932	5.68932	0.234576	3.17215	3.17215	0.306925	2.66442	2.66442	0.77794	1.29946	1.29946
cg21951975	IRF6	0.0396691	0.0960837	3.68018	3.68018	0.0367646	5.63902	5.63902	0.547576	1.54325	1.54325	0.303274	2.13875	2.13875	0.2917	2.18152	2.18152
cg22442454	IRF6;IRF6	0.0245507	0.128543	21.207	21.207	0.124547	22.0374	22.0374	0.234148	10.0523	10.0523	0.836369	1.46228	1.46228	0.832074	1.47721	1.47721
cg10074409	IRF6;IRF6	0.0394042	0.224081	4.26081	4.26081	0.0196392	24.5104	24.5104	0.098654	7.80809	7.80809	0.0867113	8.56133	8.56133	0.362515	2.8926	2.8926
cg17114584	IRF7;IRF7;IRF7	0.00735681	0.018488	4.72038	4.72038	0.0775426	2.90286	2.90286	0.0395742	3.64334	3.64334	0.499733	1.45081	1.45081	0.0364539	3.74582	3.74582
cg18131537	IRF7;IRF7;IRF7	0.0198969	0.0238009	0.0550325	-18.1711	0.737595	0.696669	-1.4354	0.554249	0.52569	-1.90226	0.137494	5.58081	5.58081	0.00349829	0.0141448	-70.6975
cg05309505	IRF7;IRF7;IRF7	0.0213471	0.0255686	0.428546	-2.33347	0.141749	1.65639	1.65639	0.191876	0.643206	-1.55471	0.111928	0.575263	-1.73833	0.0118505	0.36657	-2.728
cg18971819	IRF7;IRF7;IRF7	0.0415968	0.149263	0.427122	-2.34125	0.228627	0.49905	-2.00381	0.0966161	0.366631	-2.72754	0.11662	2.55452	2.55452	0.0896868	0.357309	-2.79869
cg13406746	IRF7;IRF7;IRF7;IRF7	0.0465364	0.533691	0.74981	-1.33367	0.901204	1.05837	1.05837	0.29455	0.6086	-1.64311	0.449285	1.42218	1.42218	0.0463902	0.352675	-2.83547
cg24064264	IRF7;IRF7;IRF7;IRF7;IRF7	0.0102045	0.0231769	0.228013	-4.38571	0.380236	0.612497	-1.63266	0.506365	0.69267	-1.44369	0.102464	2.64649	2.64649	0.0291922	0.246695	-4.05359
cg14067770	IRF7;IRF7;IRF7;IRF7;IRF7	0.0284342	0.361895	0.789432	-1.26673	0.114296	0.648328	-1.54243	0.537647	0.854315	-1.17053	0.134775	1.50197	1.50197	0.215893	0.719943	-1.389
cg09703963	IRF7;IRF7;MUPCDH;IRF7;MUPCDH	0.0301889	0.916993	1.06168	1.06168	0.0337012	0.240761	-4.15349	0.961703	1.02795	1.02795	0.820888	1.13905	1.13905	0.00345782	0.102374	-9.7681
cg00645579	IRF7;IRF7;MUPCDH;IRF7;MUPCDH	0.0340178	0.804217	0.93835	-1.0657	0.019877	0.486647	-2.05488	0.0386201	0.541346	-1.84725	0.202217	0.708255	-1.41192	0.174882	0.690966	-1.44725
cg01714160	IRF7;MUPCDH;IRF7;MUPCDH	0.000124758	0.104816	0.704089	-1.42027	0.141857	1.36697	1.36697	0.0533564	0.647656	-1.54403	0.32307	1.22387	1.22387	1.69E-06	0.0930386	-10.7482
cg15780465	IRF7;MUPCDH;IRF7;MUPCDH	0.00391739	0.044297	0.315726	-3.1673	0.748172	0.851509	-1.17439	0.477689	0.697502	-1.43369	0.689056	0.818142	-1.22228	0.000172225	0.0413969	-24.1564
cg10155875	IRF8	4.04E-06	0.0350249	0.846493	-1.18134	0.0268896	0.837071	-1.19464	0.260607	1.08286	1.08286	0.221169	0.916441	-1.09118	0.821082	0.984749	-1.01549
cg06672120	IRF8	2.70E-05	0.0583398	0.755729	-1.32323	0.303705	1.14966	1.14966	0.575869	1.0768	1.0768	0.289973	0.866072	-1.15464	0.895959	0.983017	-1.01728
cg03978375	IRF8	9.08E-05	0.976678	0.990999	-1.00908	0.34538	0.740383	-1.35065	0.218931	1.4917	1.4917	0.240949	0.684071	-1.46184	0.0204288	2.37305	2.37305
cg06020352	IRF8	0.00130669	0.0583864	2.16563	2.16563	0.00400557	0.247293	-4.04379	0.00284535	0.226722	-4.41068	0.197179	0.611059	-1.6365	0.000295575	0.118903	-8.41019
cg08143192	IRF8	0.00299525	0.175489	0.683085	-1.46395	0.385685	0.790353	-1.26526	2.85E-05	0.113525	-8.80865	0.240751	0.722588	-1.38391	0.30088	0.753071	-1.3279
cg26970841	IRF8	0.00408901	0.338642	0.550667	-1.81598	0.989188	0.991837	-1.00823	0.0148605	6.12513	6.12513	0.276606	0.504329	-1.98283	0.243622	2.09169	2.09169
cg07955474	IRF8	0.00469014	0.00106726	0.156221	-6.40117	0.250506	0.630656	-1.58565	0.00463985	0.235569	-4.24504	0.0211297	0.344909	-2.89932	0.19963	0.594378	-1.68243

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12705449	0.413446	0.779038	-1.28363	0.766665	0.914965	-1.09294	0.0442516	1.99397	1.99397	0.946882	0.980299	-1.0201	4.55043	6.42756	1.25557	1
cg01239735	0.0654849	3.69259	3.69259	0.00465232	10.7869	10.7869	0.115647	2.94661	2.94661	0.104265	3.07153	3.07153	4.25814	26.926	5.62081	1
cg17815797	0.554416	1.12917	1.12917	0.0595157	1.54046	1.54046	0.00252606	0.426652	-2.34383	0.615198	0.902157	-1.10845	4.10437	2.68286	0.581031	1
cg18435000	0.111539	2.69767	2.69767	0.00626325	7.68677	7.68677	0.00495793	8.41625	8.41625	0.153731	2.3976	2.3976	3.8056	19.7591	4.61521	1
cg11518507	0.0846275	2.29701	2.29701	0.321245	1.56334	1.56334	0.106776	2.15497	2.15497	0.250416	1.68819	1.68819	3.42446	10.3107	2.67635	1
cg17951408	0.00714601	0.664165	-1.50565	0.00127166	1.73982	1.73982	0.81977	0.973474	-1.02725	0.00586347	0.653865	-1.52937	27.7561	6.1005	0.195369	1
cg26903781	0.164656	0.608166	-1.64429	0.00132424	0.191973	-5.20906	0.75607	1.10909	1.10909	0.0271182	0.409673	-2.44097	8.48602	14.5122	1.3301	1
cg10752676	0.108158	0.457084	-2.18778	0.000545587	0.0907557	-11.0186	0.184034	0.532883	-1.87658	0.219292	0.561571	-1.78072	5.60567	17.7125	2.80867	1
cg14472291	0.123097	0.532134	-1.87923	0.298248	0.665505	-1.50262	0.999933	1.00003	1.00003	0.0357077	0.397289	-2.51706	4.63043	10.4597	2.00791	1
cg16411895	0.251035	0.826808	-1.20947	0.185	1.24972	1.24972	0.0655986	1.38773	1.38773	0.60868	0.921379	-1.08533	6.88585	2.7424	0.354015	1
cg02742918	0.171714	0.477917	-2.09241	0.0722182	0.361262	-2.76808	0.141099	0.447893	-2.23268	0.00162778	0.10117	-9.88439	5.64028	23.0027	3.62515	1
cg19366835	0.0305984	0.775922	-1.28879	0.148085	0.85646	-1.1676	0.582442	0.946055	-1.05702	0.012123	0.73177	-1.36655	8.72482	1.37809	0.140401	1
cg21994724	0.465928	0.764602	-1.30787	?	?	?	0.00551229	0.252577	-3.95919	0.631114	0.839682	-1.19093	6.18048	11.0857	1.56946	1
cg02776933	0.0289467	1.45988	1.45988	0.0111561	0.626653	-1.59578	0.125341	0.783695	-1.27601	0.784497	0.960525	-1.0411	4.55272	1.55655	0.303905	1
cg27510097	0.118426	0.648987	-1.54086	0.279209	0.750556	-1.33235	0.110481	0.64172	-1.55831	0.232693	0.726737	-1.37601	3.98854	4.10923	0.915787	1
cg03000156	0.527928	1.05884	1.05884	0.025098	0.788025	-1.269	0.54151	1.05681	1.05681	0.0207095	1.28279	1.28279	3.81838	0.483443	0.112542	1
cg06391377	0.000283663	0.418476	-2.38962	4.65E-06	0.213847	-4.67624	0.00298226	0.549641	-1.81937	4.37E-05	0.320182	-3.12323	39.6461	13.5497	0.303792	1
cg04455646	0.000603789	0.28447	-3.51531	0.00761094	2.2608	2.2608	0.00122667	0.325012	-3.07681	0.0208701	0.516395	-1.9365	15.3811	13.7625	0.795349	1
cg10317164	0.515346	1.11106	1.11106	0.000266851	0.384645	-2.5998	0.321979	1.17745	1.17745	0.00458029	0.547354	-1.82697	13.6141	5.49631	0.358865	1
cg07716603	0.0204847	0.354162	-2.82357	0.0331185	0.396111	-2.52454	0.355562	0.702381	-1.42373	0.0051542	0.253296	-3.94795	7.83511	17.1487	1.94552	1
cg14784004	0.00131408	0.245741	-4.06933	0.101209	0.583509	-1.71377	0.287564	0.717901	-1.39295	0.282849	0.715385	-1.39785	7.10133	10.1323	1.26829	1
cg18527651	0.310503	0.715424	-1.39777	0.0178216	0.398837	-2.50729	0.980509	1.00783	1.00783	0.0592325	0.506782	-1.97324	6.24431	10.0716	1.43371	1
cg13419330	0.178034	0.479879	-2.08386	0.00776351	0.173069	-5.77704	0.132836	0.435194	-2.29783	0.00966758	0.186414	-5.36441	4.87851	20.3358	3.70529	1
cg15914589	0.274963	0.793928	-1.25956	0.0508147	0.63632	-1.57154	0.593863	1.11555	1.11555	0.522851	0.87672	-1.14062	4.03812	2.63987	0.581099	1
cg07631359	0.0489752	0.409044	-2.44473	0.0314706	0.36667	-2.72725	0.169468	0.55876	-1.78968	0.216819	0.596438	-1.67662	3.7845	9.47872	2.22632	1
cg18716706	0.664206	1.06059	1.06059	0.00165502	1.83368	1.83368	0.343428	0.876833	-1.14047	0.892689	0.981987	-1.01834	3.42806	0.984671	0.255323	1
cg05002590	0.738557	1.07039	1.07039	0.00273119	0.431697	-2.31644	0.272093	1.2613	1.2613	0.226312	1.29431	1.29431	3.95722	2.58432	0.580501	1
cg20162652	0.264908	1.39664	1.39664	0.158544	0.648336	-1.54241	1.19E-05	14.3326	14.3326	0.292486	1.3689	1.3689	11.949	15.6441	1.16376	1
cg10900075	0.856344	1.03193	1.03193	0.00688461	1.83447	1.83447	0.270896	1.21993	1.21993	0.360112	0.849447	-1.17724	9.93148	4.73074	0.423411	1
cg06294416	0.00539259	0.159094	-6.28558	0.00209592	0.113959	-8.77512	0.776281	0.866779	-1.1537	0.0040321	0.14394	-6.94735	7.79981	31.1086	3.54522	1
cg20395892	0.0299583	4.4613	4.4613	0.00196253	12.9713	12.9713	0.00712881	7.65393	7.65393	0.108162	2.79102	2.79102	6.08009	33.0229	4.82784	1
cg07914866	0.153768	0.418984	-2.38672	0.10003	0.358227	-2.79153	0.0130962	5.77175	5.77175	0.551271	1.40974	1.40974	5.9581	30.6205	4.56828	1
cg12866960	0.335598	1.20281	1.20281	0.130906	1.35438	1.35438	0.890239	0.974647	-1.02601	0.0154482	0.575444	-1.73779	5.76191	3.15632	0.486925	1
cg19995654	0.249539	0.544508	-1.83652	0.00188817	0.108085	-9.25195	0.0309608	3.59488	3.59488	0.0540582	0.331382	-3.01766	5.74555	23.2168	3.59186	1
cg26279550	0.0534904	10.5094	10.5094	0.0106295	31.3563	31.3563	0.00772181	39.2737	39.2737	0.055558	10.2472	10.2472	5.63963	102.749	16.1947	1
cg18177616	0.0539321	4.73241	4.73241	0.00990479	10.1233	10.1233	0.0169371	7.91903	7.91903	0.0815525	3.94103	3.94103	3.58641	28.6671	7.1051	1
cg08660562	0.0622079	0.18051	-5.53987	0.00532335	0.0500669	-19.9733	0.591167	0.642628	-1.55611	0.017226	0.0938067	-10.6602	3.5456	37.3432	9.36202	1
cg23299469	0.165358	0.558634	-1.79008	0.00110056	0.150552	-6.64221	0.267632	0.63483	-1.57522	0.0117022	0.28953	-3.45387	8.07179	19.7945	2.17983	1
cg20460388	0.619242	1.07792	1.07792	0.000779581	2.1411	2.1411	0.717225	1.05599	1.05599	0.577715	0.919208	-1.08789	4.6035	1.63586	0.315867	1
cg27465569	0.032777	0.483061	-2.07013	1.59E-05	0.0747275	-13.382	0.169537	1.5316	1.5316	0.000630786	0.216443	-4.62016	18.8733	25.3692	1.19483	1
cg23474723	0.0175743	0.337397	-2.96387	0.000636056	0.139049	-7.19169	0.793995	0.906278	-1.10341	0.00391883	0.232245	-4.3058	9.08423	20.3452	1.99077	1
cg16707536	0.0058557	0.628407	-1.59132	0.613	0.936426	-1.06789	0.147042	1.2219	1.2219	0.000472985	0.493051	-2.02819	16.4588	4.32322	0.233484	1
cg07693058	0.314962	1.17288	1.17288	0.886067	0.978239	-1.02225	0.0373101	0.690108	-1.44905	0.837208	1.03208	1.03208	7.46946	2.78603	0.331546	1
cg11862246	0.418054	0.726223	-1.37699	0.886592	0.946329	-1.05672	0.73344	0.876216	-1.14127	0.000478517	0.120162	-8.3221	5.53441	13.0988	2.10382	1
cg07989511	0.965901	1.00839	1.00839	0.000199428	0.295151	-3.38809	0.746326	1.06546	1.06546	0.309378	1.22815	1.22815	5.31519	3.2126	0.537262	1
cg18825076	0.806016	1.05855	1.05855	0.0244963	0.538078	-1.85847	0.971408	1.00832	1.00832	0.272948	0.768059	-1.30198	4.49122	3.80486	0.753047	1
cg26674929	0.671449	1.05235	1.05235	0.639628	0.945162	-1.05802	0.0316444	0.739841	-1.35164	0.398542	1.1089	1.1089	4.25786	0.964532	0.20136	1
cg14000074	0.0185426	0.5573	-1.79436	0.459462	1.16675	1.16675	0.205107	1.3149	1.3149	0.0513555	0.634917	-1.57501	4.20991	2.7956	0.590268	1
cg21138405	0.0200794	0.564392	-1.77182	0.260089	0.786969	-1.2707	0.658124	1.09507	1.09507	0.00511043	0.470245	-2.12655	9.1662	6.03762	0.585497	1
cg20287640	6.54E-05	0.0203212	-49.2096	?	?	?	0.119209	0.407006	-2.45697	0.115562	0.402747	-2.48295	9.26289	32.2476	3.97871	1
cg15375424	0.166414	0.635403	-1.57381	0.00105011	0.22536	-4.43735	0.2624	1.43211	1.43211	0.0208106	0.425236	-2.35163	7.79395	11.66	1.32981	1
cg15421363	0.0543279	0.844895	-1.18358	0.00206433	0.715385	-1.39785	0.162317	0.891229	-1.12205	0.0273605	1.22322	1.22322	5.54412	0.523161	0.0838784	1
cg25410123	0.0714126	0.771049	-1.29693	0.00215237	0.573268	-1.74438	0.267588	0.861451	-1.16083	0.105003	1.25704	1.25704	3.78499	0.999655	0.234765	1
cg19092489	0.000250028	1.98592	1.98592	0.317992	0.889406	-1.12435	0.0375852	1.31511	1.31511	0.0351124	1.32145	1.32145	24.3451	4.97132	0.181513	1
cg04748972	4.05E-05	0.314671	-3.17793	0.339511	0.864792	-1.15635	0.0485548	1.39445	1.39445	0.0999748	0.766452	-1.30471	17.1786	5.92433	0.306547	1
cg12453504	0.0600188	0.673338	-1.48514	0.501745	1.13553	1.13553	0.00169485	2.30714	2.30714	0.123992	0.733052	-1.36416	9.03979	4.97543	0.489237	1
cg22442686	0.0807525	0.791117	-1.26404	0.00724428	1.52072	1.52072	0.29468	0.876786	-1.14053	0.734912	0.959716	-1.04198	8.63252	2.00131	0.206075	1
cg03365373	0.00752287	0.530515	-1.88496	0.0012432	0.419142	-2.38583	0.227952	1.26267	1.26267	0.180454	0.769424	-1.29967	7.24728	3.89854	0.478161	1
cg22387286	0.0237731	1.44424	1.44424	0.834909	0.971973	-1.02884	0.133273	0.802026	-1.24684	0.00538272	0.607042	-1.64733	6.55876	1.92746	0.261223	1
cg23199327	0.460801	1.2808	1.2808	0.616855	0.846826	-1.18088	0.0025529	3.97275	3.97275	0.832547	1.07228	1.07228	6.37638	10.9713	1.52943	1
cg20681219	0.132415	1.3543	1.3543	0.00034468	0.340986	-2.93267	0.0571078	1.4949	1.4949	0.39188	1.17804	1.17804	6.01084	3.32137	0.491167	1
cg15774137	0.00268387	1.50093	1.50093	0.0131969	1.35079	1.35079	0.0821213	0.828194	-1.20745	0.852162	0.981907	-1.01843	5.738	0.87045	0.134844	1
cg09308829	0.304825	0.87795	-1.13902	0.31264	0.87991	-1.13648	0.0523696	0.763181	-1.3103	0.0340339	0.738551	-1.354	5.72182	1.35975	0.211237	1
cg05075308	0.844247	0.915823	-1.09191	0.0689797	0.402631	-2.48367	0.084971	2.34317	2.34317	0.00266071	0.156034	-6.40887	5.24615	16.6046	2.81343	1
cg07940428	0.936208	0.986665	-1.01351	0.0202607	1.5991	1.5991	0.31545	0.840235	-1.19014	0.395086	1.15728	1.15728	4.76919	2.1244	0.395949	1
cg07534099	0.530793	0.909002	-1.10011	0.0456446	0.708679	-1.41108	0.0194533	1.52879	1.52879	0.243581	0.832487	-1.20122	4.67316	1.67114	0.31787	1
cg16288997	0.677984	0.923863	-1.08241	0.0299702	0.616145	-1.623	0.10702	1.39612	1.39612	0.203495	1.2899	1.2899	3.9878	2.27179	0.506386	1
cg04307531	0.00654408	0.44313	-2.25668	0.716425	1.08768	1.08768	0.681609	0.909335	-1.09971	0.509628	0.857175	-1.16662	3.72376	3.13055	0.747286	1
cg06583549	0.00789015	0.547052	-1.82798	0.0313061	0.639458	-1.56382	0.715425	1.06695	1.06695	0.000309873	0.354902	-2.81768	33.0044	16.376	0.441046	1
cg27009008	0.00138307	0.48591	-2.05799	?	?	?	?	?	?	?	?	?	51.6094	7.03131	0.113534	1
cg25499461	0.194364	0.823267	-1.21467	4.68E-05	0.33692	-2.96806	0.664672	0.940092	-1.06373	0.0143559	0.652112	-1.53348	12.0821	3.83935	0.282464	1
cg19477551	?	?	?	0.113208	2.77914	2.77914	0.768198	1.18537	1.18537	0.0525303	3.77812	3.77812	6.86991	30.4328	3.32241	1
cg12610917	0.593408	1.18549	1.18549	0.126266	0.593147	-1.68592	0.0448645	2.0688	2.0688	0.127533	0.594345	-1.68252	4.63224	7.31433	1.40356	1
cg03271150	0.0555503	0.597425	-1.67385	0.72952	0.920896	-1.0859	0.61383	1.12841	1.12841	0.00463081	0.408858	-2.44583	4.36858	3.9	0.793546	1
cg06576671	0.323796	1.06364	1.06364	0.0198151	0.843391	-1.18569	0.940012	0.995454	-1.00457	0.128993	1.10442	1.10442	3.76158	0.218379	0.0516045	1
cg11857665	0.490852	0.895126	-1.11716	0.00142825	2.07568	2.07568	0.0651758	0.720527	-1.38787	0.162809	0.78988	-1.26601	9.77019	3.87845	0.35286	1
cg21690979	0.181949	0.822384	-1.21598	0.000194067	0.420803	-2.37641	0.919381	1.01407	1.01407	0.504939	1.09788	1.09788	7.5634	2.28197	0.268189	1
cg11689622	0.613527	0.933842	-1.07084	0.160113	0.81585	-1.22571	0.392817	0.88875	-1.12518	0.286442	0.861179	-1.1612	6.41104	1.791	0.217281	1
cg01447966	0.8394	1.07348	1.07348	0.000161204	0.105263	-9.50004	0.814431	1.08562	1.08562	0.225469	0.640956	-1.56017	5.46595	10.569	1.71876	1
cg03054713	0.315115	1.1261	1.1261	0.34237	0.894181	-1.11834	0.850752	0.978694	-1.02177	0.00651918	1.49807	1.49807	3.81747	0.790312	0.184022	1
cg06444294	0.0604283	0.687915	-1.45367	0.0956507	0.723697	-1.38179	0.114514	1.35427	1.35427	0.706734	0.935402	-1.06906	5.65082	2.79355	0.439433	1
cg27662875	0.127972	0.763614	-1.30956	0.00375016	1.89894	1.89894	0.049693	1.44329	1.44329	0.622603	1.0847	1.0847	4.22453	1.79705	0.378119	1
cg16253779	0.00448106	0.495682	-2.01742	0.0131513	0.565872	-1.76719	0.841419	1.0378	1.0378	0.65951	0.92117	-1.08558	3.91589	2.12699	0.482816	1
cg03172226	0.00663637	0.649377	-1.53994	0.0258906	1.38281	1.38281	0.58553	1.06981	1.06981	0.142567	0.824364	-1.21306	3.75318	0.89261	0.211403	1
cg18517766	0.834341	0.963575	-1.0378	0.24901	1.23798	1.23798	0.0130692	1.72541	1.72541	0.435888	1.15124	1.15124	3.67146	1.82539	0.441941	1
cg06490385	0.710322	1.03636	1.03636	0.644618	1.04547	1.04547	0.65959	0.95845	-1.04335	0.0123452	1.34751	1.34751	4.87583	0.707791	0.129034	1
cg05495029	0.323442	0.879993	-1.13637	0.937203	1.00993	1.00993	0.0495413	0.75511	-1.32431	0.400445	0.897725	-1.11393	4.09866	1.02003	0.221216	1
cg23891596	0.26426	0.833905	-1.19918	0.000547111	0.432481	-2.31224	0.197939	0.808634	-1.23665	0.557038	1.09714	1.09714	3.95123	1.52475	0.343016	1
cg16643840	0.0183075	0.622965	-1.60523	0.0760359	0.721577	-1.38585	0.0399266	1.4807	1.4807	0.669775	0.93155	-1.07348	23.4095	10.1287	0.384599	1
cg07817739	0.000701141	0.208604	-4.79377	4.76E-05	0.09793	-10.2114	0.0221184	0.435093	-2.29836	0.00763591	0.353379	-2.82982	16.1381	23.5113	1.29501	1
cg10379890	0.246423	1.31462	1.31462	0.356636	0.807379	-1.23858	0.000273079	3.8416	3.8416	0.44477	1.19221	1.19221	16.1181	13.0012	0.716997	1
cg25140370	0.0835308	0.742678	-1.34648	0.00015695	0.3662	-2.73075	0.408415	0.876934	-1.14034	0.036755	0.686037	-1.45765	15.0738	5.75868	0.339584	1
cg24319508	0.677152	0.878885	-1.13781	4.06E-05	0.0893279	-11.1947	0.0289684	0.4521	-2.2119	0.00245057	0.272664	-3.66751	14.8661	22.3839	1.3384	1
cg01108118	0.730997	0.922621	-1.08387	0.00838455	0.455699	-2.19443	0.295639	1.28799	1.28799	0.950783	0.985699	-1.01451	13.4189	11.5738	0.766665	1
cg03410961	0.261129	1.21122	1.21122	0.153198	0.77872	-1.28416	0.315978	1.18474	1.18474	0.0409153	1.47083	1.47083	11.5554	4.89321	0.376408	1
cg16046028	0.0785861	0.459001	-2.17864	0.82843	0.917129	-1.09036	0.0264032	2.85578	2.85578	0.241028	1.63103	1.63103	7.61479	19.1603	2.23661	1
cg16478536	0.0119374	0.245031	-4.08111	0.0118515	0.244519	-4.08967	0.85292	1.08676	1.08676	0.0313135	0.322246	-3.10322	7.33335	23.3423	2.82936	1
cg12741420	0.691782	1.163	1.163	0.701414	0.864162	-1.15719	0.00488436	4.11145	4.11145	0.76185	1.12208	1.12208	5.89626	13.4113	2.02182	1
cg05766140	0.840895	0.929807	-1.07549	0.540702	1.25137	1.25137	0.420952	1.34674	1.34674	0.772592	1.11062	1.11062	5.81939	12.0833	1.84568	1
cg07574896	0.0443514	0.180492	-5.54042	0.0021264	0.0407358	-24.5484	0.0387627	0.169636	-5.89499	0.021928	0.130277	-7.67598	4.95797	43.1525	7.73659	1
cg17336615	0.0298523	0.207694	-4.81478	0.0034508	0.0869839	-11.4964	0.105682	0.337279	-2.9649	0.025682	0.196013	-5.1017	4.56972	27.3678	5.3235	1
cg12612118	0.153554	2.76485	2.76485	0.552132	0.670098	-1.49232	0.17749	2.59569	2.59569	0.819132	0.858614	-1.16467	4.13193	28.9875	6.23599	1
cg06392169	0.899887	0.906701	-1.1029	0.659528	1.41201	1.41201	0.314932	2.24489	2.24489	0.421977	1.89329	1.89329	3.62758	34.7918	8.52527	1
cg17228900	0.872799	1.10109	1.10109	?	?	?	0.495996	1.51505	1.51505	0.771375	1.19138	1.19138	7.92942	40.3213	5.08502	1
cg20540942	0.752964	0.864124	-1.15724	?	?	?	0.165601	0.501341	-1.99465	0.40024	0.670651	-1.49109	8.2963	24.4366	2.5773	1
cg12816198	0.412548	1.41732	1.41732	0.737899	0.869521	-1.15006	0.00724398	4.23067	4.23067	0.218292	1.71443	1.71443	3.68025	10.1014	2.43978	1
cg08751971	0.36343	1.23143	1.23143	0.00592543	0.448332	-2.23049	0.0717677	1.56526	1.56526	0.0675943	0.633575	-1.57834	13.8609	10.9048	0.699316	1
cg24126180	0.0587267	1.29718	1.29718	0.00432268	1.59176	1.59176	0.0622753	1.29142	1.29142	0.0129865	0.686834	-1.45596	10.14	2.38485	0.20906	1
cg00140447	0.844279	1.0648	1.0648	0.324746	1.38357	1.38357	0.061958	1.95629	1.95629	0.106872	0.570059	-1.7542	4.62645	7.46878	1.43499	1
cg04086097	0.170295	1.44952	1.44952	0.017909	2.078	2.078	0.0462424	1.7869	1.7869	0.122612	0.653596	-1.53	3.96024	4.05287	0.909679	1
cg22046121	0.0648779	0.669202	-1.49432	0.938276	0.985107	-1.01512	0.172853	0.754992	-1.32452	0.000601402	0.358676	-2.78804	17.7927	10.5778	0.528446	1
cg09509183	0.0918342	7.21569	7.21569	0.000676449	252.974	252.974	0.00655225	42.9746	42.9746	0.0105809	30.6825	30.6825	5.33657	95.8273	15.9615	1
cg25204440	0.286071	3.71815	3.71815	0.00180804	192.279	192.279	0.0132498	38.0453	38.0453	0.0100497	47.0452	47.0452	4.59602	102.274	19.7803	1
cg12034118	0.0300176	38.1263	38.1263	0.00218382	459.909	459.909	0.013899	76.3299	76.3299	0.0114381	91.3186	91.3186	4.53997	146.305	28.6454	1
cg16030177	0.0216427	3.65948	3.65948	0.00174012	8.17119	8.17119	0.01797	3.86763	3.86763	0.0415865	3.02026	3.02026	4.47588	15.69	3.11596	1
cg25192855	0.0288994	10.1671	10.1671	0.005615	26.3923	26.3923	0.0264221	10.6934	10.6934	0.0607723	6.70594	6.70594	4.18282	53.6891	11.4094	1
cg12766975	0.486513	1.14609	1.14609	0.0859935	1.4418	1.4418	0.66158	0.918561	-1.08866	0.238052	0.787929	-1.26915	4.08992	2.40919	0.523606	1
cg22338127	0.200397	3.5013	3.5013	0.00398068	36.1276	36.1276	0.0277819	11.1305	11.1305	0.00830474	22.7872	22.7872	3.82457	51.998	12.0851	1
cg21951975	0.23702	2.41878	2.41878	0.00186445	23.2656	23.2656	0.0409244	5.37737	5.37737	0.0263091	6.54417	6.54417	3.69442	29.7422	7.15608	1
cg22442454	0.231682	10.1897	10.1897	0.0018838	5294.99	5294.99	0.00811766	651.941	651.941	0.00879675	585.691	585.691	4.85624	254.08	40.6935	1
cg10074409	0.24922	3.92267	3.92267	0.00291849	103.665	103.665	0.0282148	18.9278	18.9278	0.0319344	17.3378	17.3378	3.70353	75.5469	18.1321	1
cg17114584	0.022859	4.38903	4.38903	0.000428551	20.6478	20.6478	0.00403986	8.14441	8.14441	0.0233528	4.35711	4.35711	6.5132	30.4338	4.15345	1
cg18131537	0.970352	1.04076	1.04076	0.214952	0.24582	-4.06803	0.120324	0.163455	-6.11788	0.0225526	18.8449	18.8449	4.71283	86.2428	16.2663	1
cg05309505	0.0156802	0.388255	-2.57563	0.384928	0.752357	-1.32916	0.0612043	1.96169	1.96169	0.468448	1.2657	1.2657	4.60118	7.43527	1.4364	1
cg18971819	0.247591	0.514282	-1.94446	0.115079	0.389645	-2.56644	0.122792	0.398609	-2.50872	0.0148387	5.20024	5.20024	3.63028	17.3984	4.26007	1
cg13406746	0.231901	0.563986	-1.77309	0.013071	0.245062	-4.0806	0.140808	0.484991	-2.06189	0.0210331	3.55319	3.55319	3.48138	11.5048	2.93747	1
cg24064264	0.143292	0.424593	-2.35519	?	?	?	0.0325634	0.25603	-3.9058	0.00398178	8.23537	8.23537	5.98965	25.0116	4.1758	1
cg14067770	0.408303	0.807853	-1.23785	0.663924	0.89557	-1.11661	0.217239	0.720707	-1.38753	0.00156607	3.14647	3.14647	4.16512	4.19869	0.896052	1
cg09703963	0.0264001	0.220581	-4.53348	0.00871344	0.14676	-6.81387	0.533804	0.696428	-1.4359	0.422083	0.624493	-1.6013	4.07773	21.2869	4.64025	1
cg00645579	0.226653	1.38432	1.38432	0.15493	1.47695	1.47695	0.714937	1.09853	1.09853	0.00701806	0.409409	-2.44254	3.9071	4.06139	0.923991	1
cg01714160	0.105373	0.704557	-1.41933	0.00633032	0.494796	-2.02103	0.418181	1.17791	1.17791	0.00691763	0.50065	-1.9974	20.8661	12.9464	0.55151	1
cg15780465	0.0378901	0.300796	-3.32451	0.00102933	0.0882907	-11.3262	0.609334	1.29331	1.29331	0.136424	0.449012	-2.22711	7.90201	31.1658	3.50581	1
cg10155875	0.00932045	0.799492	-1.25079	3.36E-07	0.366389	-2.72934	1.44E-06	2.29605	2.29605	0.51749	1.04553	1.04553	51.2688	3.7379	0.0648071	1
cg06672120	0.607822	0.934478	-1.07012	0.0566213	0.753893	-1.32645	2.72E-07	7.3214	7.3214	0.0735489	1.29847	1.29847	31.3169	8.50141	0.241301	1
cg03978375	0.109386	1.71586	1.71586	0.277736	0.705302	-1.41783	8.97E-07	56.3207	56.3207	0.936311	0.975584	-1.02503	22.7205	34.4253	1.34682	1
cg06020352	0.364714	1.40004	1.40004	0.00800993	0.292975	-3.41326	0.0239399	2.64678	2.64678	0.363391	0.713563	-1.40142	10.903	22.5399	1.83761	1
cg08143192	0.156796	0.669881	-1.4928	0.710438	1.10369	1.10369	0.0481164	0.550124	-1.81777	0.357913	0.778707	-1.28418	8.56218	9.49117	0.985333	1
cg26970841	0.296964	1.9234	1.9234	0.77824	0.843006	-1.18623	7.69E-05	76.1886	76.1886	0.491677	1.52574	1.52574	7.80054	45.2052	5.15123	1
cg07955474	0.0614467	0.445342	-2.24546	0.00539311	0.245042	-4.08093	0.000945404	0.150657	-6.6376	0.0178589	0.331103	-3.0202	7.48305	17.4682	2.07499	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(111T vs. N)	Fold-Change(111T vs. 105T)	p-value(112T vs. N)	Fold-Change(112T vs. 111T)	p-value(127 vs. N)	Fold-Change(127 vs. 112T)	p-value(121T vs. N)	Fold-Change(121T vs. 127)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(347T vs. N)	p-value(347T vs. 347)	p-value(353T vs. N)	Fold-Change(353T vs. 347)	p-value(537T vs. N)	Fold-Change(537T vs. 353T)	p-value(537T vs. N)	Fold-Change(537T vs. 537)	p-value(5 vs. N)	Fold-Change(5 vs.537)	p-value(563T vs. N)	Fold-Change(563T vs. 5)	T(Error
cg00515963	IRF8	0.0047316	0.1640018	0.561408	-1.78124	1.0408641	0.420209	-2.36951	0.000188177	0.16325	-6.12557	0.3025553	0.6709945	-1.47073	0.653699	0.8485879	-1.17844	0.0644942	0.469944	-2.12791	0.000267372	0.147834	-5.76436	0.00187816	0.2013108	-4.96751	0.1446199	0.567316	-1.76268	7.46304	15.6258	1.86112	1
cg08952239	IRF8	0.00535939	0.4485571	0.811915	-1.23166	0.414424	1.25243	1.25243	9.98E-05	0.155292	-6.43946	0.474775	1.21665	1.211655	0.515996	0.8372203	1.19445	0.0444576	0.536494	-1.86395	0.919641	0.973141	-1.0276	0.3613065	1.28811	1.28811	0.2674336	1.36574	1.78441	8.282557	1.02476	1
cg14986962	IRF8	0.00599387	0.555531	1.16247	1.16247	0.840864	0.9505507	-1.05207	0.712989	1.09777	1.09777	0.329631	1.28919	1.28919	0.444785	0.951715	-1.05073	0.0663799	1.68178	1.68178	0.0594226	0.584357	-1.71128	0.000109074	5.57925	5.57925	0.3679344	1.26302	1.26302	6.94135	7.00827	0.897458	1
cg04597312	IRF8	0.0073924	0.9715157	0.1049	1.10449	0.00474718	0.2116161	-4.72526	0.177764	1.80956	1.80956	0.00400704	2.001617	-4.9599	0.402967	1.425381	1.425381	0.0053281	0.218631	-4.57372	0.65821	1.20246	1.20246	0.03090119	2.85624	2.85624	0.6274436	0.8166454	-1.22451	6.54615	17.78	2.41432	1
cg03643032	IRF8	0.0126267	0.4324	1.16825	1.16825	0.216867	1.7074	1.7074	0.000534164	0.351304	-2.84654	0.701295	1.07767	1.07767	0.76418	0.943277	-1.06013	0.945345	1.0314	1.0314	0.080944	0.692042	-4.14897	0.644972	0.913885	-1.09423	0.3408857	1.20986	5.48201	3.27075	0.53034	1
cg02549595	IRF8	0.00615268	0.0496145	0.654403	-1.52898	0.785996	0.944647	-1.0586	0.0047071	0.457324	-2.19431	0.06336024	0.6463379	-3.47538	0.265391	0.7843911	-1.27488	0.7708665	1.06301	1.06301	0.00266288	0.430222	-2.38537	0.205324	1.32258	1.32258	0.2097434	1.58552	-1.70788	5.01657	3.47831	0.616325	1
cg09100014	IRF8	0.017479	0.559949	0.791735	-1.26305	0.417233	1.38882	1.38882	0.00823547	0.262119	-3.81506	0.397413	0.709429	-1.40958	0.609587	0.815424	-1.22636	0.0107626	0.28098	-3.55897	0.0350641	0.167411	-5.97337	0.516746	0.770709	-1.29751	4.923461	12.2392	2.20968	1
cg16702747	IRF8	0.0127417	0.157057	0.579911	-1.7454	0.00143784	0.182736	-5.47236	0.00451028	0.248499	-2.62792	0.181619	0.5913379	-1.68526	0.6638885	0.464586	-2.15245	0.60899	0.827047	1.20912	0.2676663	0.653762	-1.5961	0.0554806	0.449826	-2.22308	0.5673	0.8083831	-1.23756	4.37119	9.37917	1.90727	1
cg04828687	IRF8	0.0437265	0.2143384	3.399206	3.39926	0.945077	1.06661	1.06661	0.636893	0.188404	0.6097809	1.44084	0.2078	0.8009	0.4923768	0.255551	3.11704	0.820991	0.808851	1.23632	7	0.0010183	94.2922	94.2922	0.23159	3.23645	0.163281	44.8302	12.3349	1
cg18598861	IRF9	4.29E-05	0.000255751	0.309269	-3.23343	0.000401034	0.333801	-2.9958	0.0658816	1.49504	1.49504	0.325034	1.21902	1.21902	1.34E-05	0.169249	-5.90845	0.0250009	0.594694	-1.68154	2.55E-05	0.196413	-5.09131	0.007018	1.97249	1.97249	0.009682	0.52841	-1.89247	27.725	16.6757	0.53464	1
cg00556288	IRF9	0.00234319	0.259829	0.6981	-1.43255	0.0185268	0.263144	-2.14545	0.0185047	1.07393	1.07393	0.0463039	1.34329	1.34329	0.0307291	0.7782	-1.2849	0.0460268	0.745128	1.34205	0.1184849	1.24494	1.24494	0.0807147	0.4049565	-1.55144	0.6605508	1.05884	1.05884	3.20562	2.439377	0.233544	1
cg04260516	IRF9	0.0456057	0.491349	0.924709	-1.08142	0.814637	0.974042	-1.02655	0.338353	0.895365	0.8954185	0.2231653	1.23613	1.1501	0.3154	0.7042757	0.93918	0.503134	1.07907	1.07907	0.0158914	0.718392	-1.392	0.9169913	0.988393	-1.01174	0.00445607	1.529334	1.52934	3.50791	0.696766	0.176558	1
cg27204983	IRF9;RNF51	0.00262242	0.0155117	1.07772	1.077722	0.294235	0.240523	1.204253	0.0035243	1.7342	1.7342	0.00727254	1.89585	1.89585	0.077368	1.00441	1.00441	0.0004288	0.184749	5.41093	0.0314214	2.81511	2.81511	0.0053919	1.42429	1.42429	0.885621	1.03712	1.03712	0.339071	1
cg08464897	IRF9;RNF51	0.00739982	0.0333066	0.547296	-1.82716	0.0366907	0.555344	-1.80069	0.877924	0.663444	-1.03795	0.648449	1.15765	1.11765	0.00870123	0.4449798	2.24821	0.0005042	0.267788	-3.73429	0.182724	0.709909	-1.40863	0.9526551	0.985715	-1.01449	0.00530385	4.010511	-2.43599	6.50132	6.04558	0.8265778	1
cg05202439	IRF9;RNF51	0.0257843	0.941384	1.02079	0.906136	0.967535	-1.03355	0.422555	1.2576	1.2576	0.667763	1.77267	0.702169	0.2980886	0.354674	0.618925	0.869105	0.0861264	1.6999	1.6999	0.611136	0.866418	-1.15618	0.0455939	1.89911	1.89911	0.618925	0.869105	-1.15061	4.310359	5.34451	1.10209	1
cg22672282	IRGC	0.00013518	0.238873	1.53856	-1.34498	0.0880022	0.444628	-2.30356	0.00355692	0.311335	-2.11318	0.2820144	1.2555	1.2555	0.0429002	0.622336	1.6224	0.0009055	0.303597	-3.2938	0.00166925	0.215094	-4.64914	0.0934151	0.641829	-1.55793	0.0115703	0.468832	0.215685	0.812717	1.85265	0.812717	1
cg08481543	IRGC	0.00206763	0.537438	1.19014	1.19014	0.0129871	2.36164	2.36164	0.0143096	0.430853	-2.32097	0.0032102	0.325881	-3.06861	0.01037	0.4065073	2.45958	0.0414056	0.519071	-1.92652	0.000805043	0.24421	-4.09484	0.0890874	1.68659	1.68659	0.107424	0.6127441	-1.63201	9.54887	11.7526	1.09403	1
cg06381950	IRGC	0.00211083	0.0241124	0.479941	-2.1011	0.0193836	0.503179	-1.98739	0.00074674	0.244512	-4.10649	0.416765	1.25747	1.25747	0.002137722	0.186295	-5.36782	0.0623167	0.560346	-1.78461	0.0109025	0.427026	-2.34178	0.0026853	0.318123	-3.14343	0.0871709	0.593696	-1.68436	9.49139	14.4553	1.07282	1
cg06713009	IRGC	0.00238038	0.519379	1.14214	1.14214	0.0268932	0.414468	-2.38356	0.00355692	0.311335	-2.11318	0.2820144	1.2555	1.2555	0.0429002	0.622336	1.6224	0.0030904	0.438629	-2.27983	0.0397534	0.348794	-4.68129	-1.15152	0.3887594	0.835463	-1.19694	5.16317	6.012115	0.583219	1
cg20673965	IRGC	0.0127175	0.583562	1.14193	1.14193	0.13483	1.47178	1.47178	0.000996598	0.309743	-3.22849	0.0406145	1.76256	1.76256	0.279377	0.763682	-1.30945	0.857012	1.04419	1.04419	0.1116462	0.664363	-1.5052	0.0633581	1.64962	1.64962	0.427813	1.21419	1.21419	5.46922	4.97813	0.8090474	1
cg15939357	IRGC	0.0193147	0.069893	0.513277	-1.88226	0.0344771	0.4	-2.50071	0.1830467	0.6	0.60012	-1.64953	0.0018753	0.3144838	1.2555	0.7847354	0.640373	-4.06375	0.016251	0.39966	-2.50213	0.2050574	0.659785	1.52489	0.1579776	0.5984834	-1.21976	0.054415	0.5060381	-1.97997	4.7733	9.36768	1.37086	1
cg10726214	IRGC	0.0369153	0.082127	0.456014	-2.19291	0.332953	0.665534	-1.50255	0.0386078	0.476561	-2.66561	0.691223	0.849793	-1.17676	0.4839253	0.458563	-2.18073	0.408819	0.70864	-1.41115	0.122289	0.505237	-1.97927	0.000984854	0.134137	-7.45506	0.210996	0.585357	-1.71136	7.39303	9.98452	2.33985	1
cg10501621	IRGM	7.02E-05	0.000676358	0.706206	-1.41593	0.0314436	0.2654	-3.76784	0.0133703	0.375644	-2.66284	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.0184739	0.592082	-1.68858	0.0078	0.387077	-2.58406	0.0048562	0.151206	-6.61389	0.0023318	0.158153	-6.32206	0.0178116	0.1396	0.080514	1
cg05340042	IRGM	0.00527731	0.0077464	0.553471	-1.80678	0.00687331	0.545904	-1.83183	0.00177506	0.463147	-2.15914	0.0297441	0.642459	-1.55652	0.00385339	0.50991	-1.96113	0.2190335	0.799657	-1.25054	0.09836117	1.36825	1.36825	0.0164439	0.6022277	-1.66037	0.246385	0.810857	2.33326	7.21847	3.41997	0.421139	1
cg23984305	IRGM	0.00902772	0.392067	1.09469	1.09469	0.502414	0.925175	-1.07276	0.0331882	0.774344	-1.25298	0.8040332	0.974674	-1.02598	0.0034389	0.5955152	-1.67968	0.75684	0.984661	-1.03257	0.0118439	1.38294	1.38294	0.239869	1.1354	1.1354	0.0761327	0.815767	-1.22586	6.014061	10.2964	0.498682	1
cg06746669	IRGM;IRGM	0.0162319	0.958762	1.03849	1.03849	0.0127327	0.8	-1.25	0.0133703	0.375644	-2.66284	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.3515137	0.834883	1.19784	0.1155994	0.59254	2.59254	0.0555192	1.1699	1.1699	0.0864276	0.607752	-1.64541	1.8196	4.218163	0.307314	1
cg08202208	IRS1	3.14E-06	0.597217	0.947284	-1.05565	4.55E-06	2.914562	2.914562	0.0213423	1.32438	1.32438	0.030156	0.771881	-1.29554	0.0132769	1.365565	1.365565	0.0065312	0.143175	6.98475	0.00177294	0.636322	-1.57153	1.17E-07	5.58523	5.58523	0.000351959	1.729231	1.72931	54.6923	8.934151	0.145202	1
cg22386281	IRS1	0.0011325	0.021044	0.479941	-2.1011	0.0193836	0.503179	-1.98739	0.00074674	0.244512	-4.10649	0.416765	1.25747	1.25747	0.002137722	0.186295	-5.36782	0.0623167	0.560346	-1.78461	0.0109025	0.427026	-2.34178	0.0026853	0.318123	-3.14343	0.0871709	0.593696	-1.68436	9.49139	14.4553	1.07282	1
cg11620807	IRS1	0.00391099	0.0996035	2.26531	2.26531	0.0464837	0.182274	-5.48626	0.470965	0.717359	-1.394	0.0009677	0.108014	-9.25806	0.619784	1.25434	1.25434	0.0030904	0.438629	-2.27983	0.0397534	0.348794	-4.68129	-1.15152	0.3887594	0.835463	-1.19694	5.16317	6.012115	0.583219	1
cg02810243	IRS1	0.00778497	0.041645	0.759014	-1.3175	0.105089	0.812273	-1.23111	0.0397138	0.75639	-1.32207	0.219811	0.859436	-1.16355	0.750742	0.963276	-1.03812	0.0056946	0.653287	-1.53072	0.00157556	1.76386	1.76386	0.558805	0.9192644	-1.07188	0.0801238	0.79617	-1.25601	6.39872	1.39685	0.194046	1
cg10045733	IRS1	0.00887019	0.229753	1.38639	1.38639	0.0160937	0.0107198	-1.2617	-1.3175	0.0016127	0.0016127	0.0016127	0.0016127	-1.57859	0.0945068	0.7915135	-1.26317	0.0042914	0.800128	1.2498	0.9954	0.789403	-1.05204	0.0102111	1.3634	1.3634	0.622547	0.953618	0.940864	1.63469	0.800308	0.128986	1
cg21510136	IRS1	0.00949049	0.579503	0.892413	-1.12056	0.214833	1.30414	1.30414	0.367303	0.828334	-1.20724	0.342469	0.819628	-1.22007	0.868465	0.966855	-1.03428	0.288866	1.25095	1.25095	0.500515	0.870172	-1.1492	0.0001570	3.72601	3.72601	0.453768	1.67189	1.67189	6.01011	3.93673	0.582238	1
cg19382546	IRS1	0.00294703	0.0294973	0.6	-1.66667	0.0189827	0.729223	-1.37146	0.0256186	0.826262	-1.2102	0.0243219	0.707802	-1.41299	0.0588927	0.674583	-1.48203	0.0274615	0.615161	1.62202	0.0181564	0.379548	-2.63435	0.0029228	2.15659	2.15659	0.0102746	0.731218	1.36807	3.94153	2.89404	0.4	1
cg14931062	IRS1	0.0126631	0.0779207	0.242512	-4.12352	0.0176033	0.30188	-3.31257	0.51228	0.759111	-1.31733	0.142384	0.501593	-1.99365	0.0135753	0.281801	3.5486	0.105787	0.480622	-2.08064	0.00324669	0.189263	-5.28365	0.0029027	0.183142	-5.46024	0.0751309	0.439634	-2.27462	5.47686	14.9169	2.421	1
cg00935043	IRS1	0.0136232	0.0496451	0.361831	-2.76372	0.0122188	0.242195	-4.1255	0.0878403	0.425208	-2.35179	0.541364	1.324	1.324	0.00222374	0.142977	-6.99411	0.169233	0.514178	-1.94409	0.022734	0.268736	-3.68336	0.0030369	0.216199	-4.62537	0.0206957	0.282367	-3.54149	5.34757	17.4516	2.99005	1
cg00912575	IRS1	0.0137227	0.0306568	0.706206	-1.41593	0.0314436	0.2654	-3.76784	0.0133703	0.375644	-2.66284	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.0184739	0.592082	-1.68858	0.0078	0.387077	-2.58406	0.0048562	0.151206	-6.61389	0.0023318	0.158153	-6.32206	0.0178116	0.1396	0.080514	1
cg01035929	IRS1	0.0185907	0.482524	1.17389	1.17389	0.16224	0.715208	-1.39819	7	7	7	0.164073	1.39585	1.39585	0.0373947	1.72046	1.72046	0.0072595	2.17701	2.17701	0.413474	1.20659	1.20659	0.341231	1.24645	1.24645	0.0105105	0.485185	-2.06308	4.91102	3.48851	0.710342	1
cg00808869	IRS1	0.0292524	0.1716095	0.658637	-1.51826	0.0136203	0.7	-1.42857	0.0133703	0.375644	-2.66284	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.0184739	0.592082	-1.68858	0.0078	0.387077	-2.58406	0.0048562	0.151206	-6.61389	0.0023318	0.158153	-6.32206	0.0178116	0.1396	0.080514	1
cg04762213	IRS1	6.25E-07	0.0418369	0.742538	-1.34673	0.579053	0.911355	-1.0737	0.10755	0.800201	-1.24967	0.026227	0.709674	-1.4091	0.882553	1.01894	1.01894	0.2662829	0.862962	-1.1597	0.0283181	0.731981	-1.38892	5.80E-09	23.326	23.326	0.612858	1.0669	1.06689	82.6719	21.0859	0.226716	1
cg15754599	IRS2	8.54E-06	0.325293	1.22682	1.22682	0.615138	1.1074	1.1074	9.91E-07	0.0751025	-13.3151	0.406012	0.842752	-1.18659	0.193998	1.31859	1.31859	0.749428	0.937545	-1.06661	7.24E-07	0.0674091	-14.8348	0.1173787	1.40813	1.40813	0.463255	0.860487	-1.16213	42.2667	27.1126	0.570191	1
cg08530264	IRS2	7.71E-05	0.661672	1.08284	1.08284	0.0274781	1.16411	1.16411	0.0134703	0.376946	-2.65431	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.3315163	0.817734	-1.22333	0.0262469	0.748478	-1.3367	0.0030369	0.215243	-4.64598	0.0204229	0.287732	-3.47731	1.13577	3.08866	2.719562	0.610551	1
cg01156012	IRS2	6.93E-05	0.58153	0.858227	-1.16519	0.0217176	0.469185	-2.13135	0.00083354	0.251248	-3.98013	0.434806	0.803436	-1.24465	0.00113631	0.26853	-3.72398	0.0006914	0.241141	-4.14694	1.07E-06	0.0302617	-33.0451	0.922801	0.97376	-1.02695	0.0760606	0.585357	-1.70836	24.4157	29.1688	1.06193	1
cg25310555	IRS2	0.0124692	0.326592	1.20964	1.20964	0.628018	0.974568	1.03465	0.0134703	0.376946	-2.65431	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.3515137	0.834883	1.19784	0.1155994	0.59254	2.59254	0.0555192	1.1699	1.1699	0.0864276	0.607752	-1.64541	1.8196	4.218163	0.307314	1
cg05040236	IRS2	0.00016903	0.389534	1.54054	1.54054	0.475784	0.700915	-1.42671	0.934708	0.960642	-1.04097	0.747402	0.853539	-1.17159	0.391101	0.6500065	-1.53824	0.0227212	0.576716	-1.73407	0.0544877	0.327217	-3.05507	1.16E-07	5.58523	5.58523	0.000351959	1.729231	1.72931	54.6923	8.934151	0.145202	1
cg01408031	IRS2	0.0238603	0.152613	0.73466	-1.36107	0.0492507	0.865059	-1.15602	0.0383846	0.595812	-1.67885	0.1004346	0.741913	1.07807	0.331052	0.817175	-1.22351	0.0026234	0.519886	-1.92357	0.0122722	0.632477	-1.58127	0.0030369	0.215243	-4.64598	0.0204229	0.287732	-3.47731	1.13577	3.08866	2.719562	0.610551	1
cg13539803	IRS2	0.00045722	0.223388	0.866906	-1.15381	0.16563	0.511641	-1.95496	0.0134703	0.376946	-2.65431	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.0292996	0.595537	-1.67955	0.0134225	0.731981	-1.38892	0.0313549	3.12515	3.12515	0.706	0.927877	-1.03144	26.4983	1.31189	0.213603	1
cg06293108	IRS2	0.00149633	0.488735	0.891443	-1.12178	0.0226925	0.56154	1.56154	0.107609	1.33229	1.33229	0.975161	0.994926	-1.0051	0.649216	1.07769	1.07769	0.343761	0.852699	-1.17275	0.929904	0.985728	-1.01448	1.92E-05	4.12935	4.12935	0.180494	1.26156	1.26156	10.487	4.43377	0.375812	1
cg08348990	IRS2	0.0138261	0.229753	1.38639	1.38639	0.0160937	0.417227	-2.19677	0.00107268	0.160606	-6.2264	0.1121168	0.380464	-2.62855	0.0153321	0.3705	-2.69986	0.0045602	0.761551	1.31435	0.0178741	0.9854	1.01575	0.1780914	1.41165	1.41165	0.0109553	0.413868	-2.41623	0.78274	15.51	1.38884	1
cg05312054	IRS2	0.00197246	0.0519253	0.549021	-1.82109	0.282771	0.714345	-1.39988	0.919919	0.970149	-1.03077	0.0109352	0.38193	-2.61828	0.0352031	0.477467	-2.09439	0.0008623	0.241455	-4.14139	0.0032934	0.245003	-4.08158	0.89082	1.04226	1.04226	0.93835	1.02358	1.02358	7.70943	11.4771	1.27852	1
cg02047145	IRS2	0.0053903	0.084518	0.645767	-1.54867	0.0188887	0.310992	-3.21448	0.178981	0.563115	-1.77584	0.507146	0.76285	-1.31087	0.918515	1.042	1.042	0.651551	0.832876	-1.20056	0.9115	0.9904	-1.0096	0.0600369	-16.6564	0.427277	1.38496	1.38496	0.1109027	0.0746	-13.4055	-2.01201	7.37375	1.0677	1
cg12085119	IRS2	0.0136528	0.0036284	0.202156	-4.94668	0.0204939	0.181452	-5.51109	0.0129072	0.25196	-3.97234	0.56342	0.962536	-1.03925	0.0399999	0.260878	-3.74703	0.0193069	0.201052	-4.9582	0.00172597	0.226657	-4.14753	0.024701	0.486614	-2.05502	0.1046552	0.396192	-2.52403	5.53405	17.6727	2.33261	1
cg17324121	IRS2	0.0425644	0.195308	0.595297	-1.67983	0.594578	0.815935	-1.22559	0.0661239	0.458126	-2.18281	0.680121	0.854706	-1.16999	0.0596939	0.647217	-2.36065	0.821295	0.917892	-1.08945	0.1074907	0.188429	-5.41627	0.185304	1.70223	1.70223	0.566839	0.803141	-1.24511	5.99545	8.175517	2.01887	1
cg21560354	IRS2	0.0135782	0.805464	1.05452	1.05452	0.173745	0.925	-1.08108	0.0134703	0.376946	-2.65431	0.1004703	0.164934	-6.06066	0.0029286	0.4438625	-2.25356	0.0184739	0.592082	-1.68858	0.0078	0.387077	-2.58406	0.0048562	0.151206	-6.61389	0.0023318	0.158153	-6.32206	0.0178116	0.1396	0.080514	1
cg25924746	IRS2	0.0472374	0.0347568	0.317001	-3.15456	0.0456089	0.343007	-2.91539	0.417224	0.679079	-1.47258	0.25052	0.535669	-1.86682	0.0208636	0.273063	-3.66216	0.0723786	0.392202	2.54971	0.00373803	0.16078	-6.21967	0.12688	0.462664	-2.1614	0.142719	0.479292	-2.08641	3.46184	11.9479	3.06783	1
cg25772675	IRS4	7	7	7	7	0.10081	0.659378	-1.51728	0.0107985	0.247769	-4.03501	0.868415	0.9303	-1.07492	0.002163754	0.0679671	-14.713	0.2326	0.579421	-1.72586	0.4868266	0.13052	-7.66264	0.460934	-2.14623	0.5503907	0.7684491	-1.30125	0.6747769	0.37486	2.67287	1
cg21111568	IRS4	0.0147374	0.00314619	0.142487	-7.01819	0.282615	0.583345	-1.71425	0.59056	0.769355	-1.29979	0.0126265	4.4679	4.4679	0.0093889	0.203948	4.90322	0.0002144	0.350132	2.85511	0.0164308	0.142486	-7.02195	0.155295	0.479931	-2.08363	0.503226	0.720393	1.38813	5.21103	19.2334	3.28081	1
cg08416046	IRS4	0.0250806	0.0177517	0.243242	-4.11114	0.0651174	2.7608	2.7608	0.162433	2.07787	2.07787	0.00896396	5.10346	5.10346	0.397027	1.53002	1.53002	0.0162919	0.303115	-3.29908	0.748782	0.854225	-1.17065	0.554056	0.745647	-1.34112	0.555121	1.34004	1.34004	4.35236	16.5759	3.38532	1
cg04699015	IRS4	0.0382803	0.0128807	0.152613	-6.55035	0.0492507	0.865059	-1.15602	0.0383846	0.595812	-1.67885	0.1004346	0.741913	1.07807	0.331052	0.817175	-1.22351	0.0026234	0.519886	-1.92357	0.0122722	0.632477	-1.58127	0.0030369	0.215243	-4.64598	0.0204229	0.287732	-3.47731	1.13577	3.08866	2.719562	0.610551	1
cg18525817	IRS4	0.0461895	0.164978	2.17083	2.17083	0.333887	0.593598	-1.68464	0.220993	0.510039	-1.96063	0.111647	0.40387	-2.47604	0.234762	0.24263	-4.1215	0.962464	1.02493	1.02493	0.107752	0.187052	-5.3461	0.588474	1.3309	1.3309	0.0260133	0.251891	-3.96998	3.49119	15.341	3.38504	1
cg12010098	IRS4;RS4	0.0048819	0.0466	0.613206	-1.63066	0.0134153	0.311452	-3.21102	0.0016561	0.238665	-4.18948	0.1121168	0.380464	-2.62855	0.0153321	0.3705	-2.69986	0.0045602	0.761551	1.31435	0.0178741	0.9854	1.01575	0.1780914	1.41165	1.41165	0.0109553	0.413868	-2.41623	0.78274	15.51	1.38884	1
cg07903376	IRS1	0.00012313	0.875941	0.918135	-1.0185	0.428862	1.0994	1.0994	0.0519473	1.29625	1.29625	0.718431	1.0434	1.0434	0.782658	0.968073	-1.03298	0.8864911	0.98338	-1.0169	0.8890991	0.802512	-1.24609	1.11E-06	4.4269	4.4269	0.253861	1.15006	1.15006	20.936	6.553663	0.193832	1
cg12468238	IRX1	0.00290568	0.0027783	0.138856	-8.41357	0.0343986	0.126503	-7.76189	0.00816919	0.174132	-5.74275	0.0319756	0.278556	-3.58994	0.0010436	0.12138	-8.07756	0.0038707	0.175581	-5.69539	0.000685032	0.068912	-14.5579	0.005319	0.15011	-6.66177	0.0197478	0.123681	-8.08112	-1.42935	6.63965	36.486	3.75385	1
cg08491772	IRX1	0.32035	0.0074008	0.152613	-6.55035	0.0492507	0.865059	-1.15602	0.0383846	0.595812	-1.67885	0.1004346	0.741913	1.07807	0.331052	0.817175	-1.22351	0.0026234	0.519886

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18716076	ISL1	0.0146503	0.294964	0.486172	-2.05689	0.802055	1.1815	1.1815	0.114829	3.12239	3.12239	0.448596	0.598839	-1.6699	0.147162	2.80929	2.80929
cg26293019	ISL1	0.0255049	0.0842376	0.417102	-2.39749	0.490161	0.725516	-1.37833	0.58666	0.777788	-1.2857	0.129326	0.472263	-2.11746	0.0367176	0.329245	-3.03725
cg26682994	ISL1	0.0260677	0.19128	0.692245	-1.44458	0.588216	1.15641	1.15641	0.417811	1.24621	1.24621	0.0912988	0.609952	-1.63947	0.804303	1.06823	1.06823
cg01904063	ISL1	0.0273058	0.00985216	0.692712	-1.4436	0.0969492	1.2276	1.2276	0.317241	0.890148	-1.12341	0.2672	0.878006	-1.13894	0.845658	0.978303	-1.02218
cg05710997	ISL1	0.0423497	0.687056	0.915502	-1.0923	0.780788	1.0627	1.0627	0.133811	1.4226	1.4226	0.266467	1.28711	1.28711	0.285531	0.785212	-1.27354
cg08734740	ISL1;ISL1	8.68E-09	0.0031588	1.24779	1.24779	0.795355	0.985836	-1.01437	0.00739504	1.20853	1.20853	0.0409385	0.878548	-1.13824	0.00278919	1.25385	1.25385
cg11711420	ISL1;ISL1	1.23E-07	0.0138832	1.19115	1.19115	0.000405239	1.38192	1.38192	0.530168	1.03727	1.03727	0.000727859	1.34397	1.34397	0.0102638	0.830139	-1.20462
cg16318053	ISL1;ISL1	3.59E-06	0.584017	0.901388	-1.1094	0.994712	1.00125	1.00125	0.815387	1.04489	1.04489	0.737477	1.0652	1.0652	0.818032	1.04422	1.04422
cg11039614	ISL1;ISL1	0.000347562	0.435407	1.43785	1.43785	0.24796	1.73531	1.73531	0.940141	0.966309	-1.03487	0.881845	1.07023	1.07023	0.21191	1.82229	1.82229
cg26896762	ISL1;ISL1	0.00059154	0.929373	0.984136	-1.01612	0.00437179	1.98714	1.98714	0.481958	1.1376	1.1376	0.237229	1.25028	1.25028	0.578367	1.10658	1.10658
cg06375967	ISL2	1.48E-06	0.950616	1.01009	1.01009	0.675891	0.934112	-1.07053	0.410862	1.14605	1.14605	3.78E-06	5.75374	5.75374	0.787886	0.957226	-1.04469
cg05412396	ISL2	9.82E-05	0.442436	0.835731	-1.19656	0.00102915	0.328092	-3.04792	0.0109133	0.480885	-2.0795	0.413551	0.825693	-1.2111	0.292463	0.778601	-1.28436
cg19464917	ISL2	0.00023542	0.867839	0.940534	-1.06323	0.0255627	2.65537	2.65537	0.0319172	2.52312	2.52312	0.284266	0.663996	-1.50603	0.0162083	0.338734	-2.95217
cg26478145	ISL2	0.000316553	0.305073	0.819278	-1.22059	0.18356	1.30319	1.30319	0.224369	0.786985	-1.27067	2.89E-05	4.66823	4.66823	0.0882967	0.702594	-1.4233
cg14433497	ISL2	0.00037965	0.0587724	0.393	-2.54453	0.0954324	2.22876	2.22876	0.49285	1.35624	1.35624	0.206752	0.558453	-1.79066	0.0321678	0.333591	-2.99768
cg12984729	ISL2	0.00063683	0.505883	0.791905	-1.26278	0.291802	1.45946	1.45946	0.178588	0.610204	-1.6388	0.0250127	2.51351	2.51351	0.179344	0.610793	-1.63722
cg05143116	ISL2	0.00116325	0.303603	0.779377	-1.28308	0.0816853	1.57046	1.57046	0.570425	0.87446	-1.14356	0.411908	0.821793	-1.21685	0.997989	1.00059	1.00059
cg25255795	ISL2	0.00148225	0.223115	0.767225	-1.3034	0.00932018	0.505245	-1.97924	0.0024834	2.3879	2.3879	0.157768	1.36703	1.36703	0.638373	1.10295	1.10295
cg20643871	ISL2	0.00188557	0.0107729	6.8082	6.8082	0.315961	1.86035	1.86035	0.645607	0.757867	-1.31949	0.528634	0.682353	-1.46552	5.12E-05	0.0106598	-93.8102
cg20540209	ISL2	0.00214429	0.822956	1.14748	1.14748	0.31877	0.531247	-1.88236	0.268836	0.493147	-2.02779	0.291651	1.95752	1.95752	0.00851516	0.12731	-7.85485
cg08307030	ISL2	0.00263644	0.133345	0.56338	-1.775	0.78895	1.09974	1.09974	0.569929	0.815888	-1.22566	0.900848	0.956791	-1.04516	0.235676	0.643781	-1.55332
cg26674943	ISL2	0.00519847	0.592984	0.671999	-1.4881	0.058813	4.81804	4.81804	0.0403604	5.72388	5.72388	0.396773	1.89515	1.89515	0.486169	1.68426	1.68426
cg10088491	ISL2	0.00559835	0.701189	0.908869	-1.10027	0.788166	0.935433	-1.06902	0.526112	1.17258	1.17258	0.91829	0.974889	-1.02576	0.291875	0.762585	-1.31133
cg10588696	ISL2	0.00646	0.00222281	0.241144	-4.1469	0.428793	0.764818	-1.3075	0.0698717	0.510274	-1.95973	0.0892746	0.536902	-1.86254	0.00673556	0.311568	-3.20957
cg17446010	ISL2	0.00739232	0.856575	1.10242	1.10242	0.10202	2.62362	2.62362	0.0848468	2.79281	2.79281	0.93732	0.958498	-1.0433	0.320362	0.575002	-1.73912
cg10823473	ISL2	0.0173424	0.187146	0.726495	-1.37647	0.409805	1.21245	1.21245	0.719197	0.920801	-1.08601	0.446244	1.19415	1.19415	0.686451	0.911426	-1.09718
cg13749815	ISL2	0.0287699	0.0373651	0.702579	-1.42333	0.882113	1.02192	1.02192	0.427877	1.12554	1.12554	0.52287	0.909725	-1.09923	0.00976152	0.62035	-1.61199
cg04767484	ISL2	0.0344015	0.184393	0.741404	-1.34879	0.76417	0.93806	-1.06603	0.00351603	2.31904	2.31904	0.708411	1.08311	1.08311	0.227938	0.76418	-1.30859
cg07151039	ISL2	0.0350504	0.0047587	1.98803	1.98803	0.515257	1.12857	1.12857	0.927148	1.01691	1.01691	0.660447	1.08441	1.08441	0.649628	0.91958	-1.08745
cg03465861	ISL2	0.0392346	0.245143	0.769509	-1.29953	0.734277	0.929204	-1.07619	0.0176348	0.536756	-1.86304	0.365179	0.818301	-1.22204	0.965961	1.00924	1.00924
cg26266708	ISL2	0.0405257	0.186023	0.4971	-2.01167	0.00109136	0.0905386	-11.045	0.0875848	0.390604	-2.56014	0.208201	0.516097	-1.93762	0.332313	0.607396	-1.64637
cg07268058	ISL2	0.0495597	0.605103	1.08471	1.08471	0.773857	0.956085	-1.04593	0.250521	1.20584	1.20584	0.405322	0.875711	-1.14193	0.585193	1.08972	1.08972
cg01178680	ISLR2;ISLR2;ISLR2;ISLR2	0.000468325	0.119846	2.12691	2.12691	0.0347615	0.332688	-3.00582	0.00369547	0.172992	-5.78063	0.78432	1.13053	1.13053	0.040048	2.88976	2.88976
cg02611892	ISLR2;ISLR2;ISLR2;ISLR2	0.00148523	0.00540548	0.474804	-2.10613	0.275322	0.793843	-1.2597	0.0402491	1.61943	1.61943	0.618101	1.10765	1.10765	0.20447	0.761554	-1.3131
cg24028202	ISLR2;ISLR2;ISLR2;ISLR2	0.00313249	0.88771	0.904533	-1.10554	0.000393957	0.0181466	-55.1068	0.00980421	0.0983927	-10.1634	0.991534	0.992494	-1.00756	0.757332	1.24621	1.24621
cg27552679	ISLR2;ISLR2;ISLR2;ISLR2	0.0144839	0.198991	2.85839	2.85839	0.212733	0.362204	-2.76088	0.0452529	0.169063	-5.91494	0.636376	1.4456	1.4456	0.0958362	4.11834	4.11834
cg18011253	ISLR2;ISLR2;ISLR2;ISLR2	0.020733	0.528943	0.704769	-1.4189	0.0141381	0.189952	-5.2645	0.0602606	0.312741	-3.19753	0.95643	1.03042	1.03042	0.151126	2.32527	2.32527
cg19470379	ISLR2;ISLR2;ISLR2;ISLR2	0.0270772	0.296225	2.23589	2.23589	0.0100267	0.0893888	-11.1871	0.0404708	0.17239	-5.8008	0.250869	0.410118	-2.43833	0.0673606	4.58514	4.58514
cg04551155	ISLR2;ISLR2;ISLR2;ISLR2	0.0322488	0.340179	1.15029	1.15029	0.53617	1.09333	1.09333	0.00936594	0.625428	-1.59891	0.612664	1.07543	1.07543	0.00413507	0.578291	-1.72923
cg08948898	ISLR2;ISLR2;ISLR2;ISLR2	0.0324227	0.0317334	0.636235	-1.57175	0.0061247	1.90113	1.90113	0.133471	1.33737	1.33737	0.122775	0.740586	-1.35028	0.334839	1.19558	1.19558
cg10988673	ISLR2;ISLR2;ISLR2;ISLR2	0.0336413	0.107387	0.372615	-2.68374	0.00368711	0.11026	-9.06951	0.0378253	0.258465	-3.869	0.719558	1.22452	1.22452	0.308843	0.553394	-1.80703
cg25666233	ISLR2;ISLR2;ISLR2;ISLR2	0.037712	0.467686	1.67231	1.67231	0.0364953	0.184272	-5.42677	0.0276336	0.163318	-6.12303	0.833734	0.863927	-1.15751	0.20207	2.55297	2.55297
cg02378847	ISLR2;ISLR2;LOC283731;ISLR2;ISLR2;ISLR2	0.0151297	0.00108776	2.90898	2.90898	0.100345	0.671173	-1.48993	0.541983	0.872206	-1.14652	0.738303	1.0771	1.0771	0.0439308	1.67005	1.67005
cg24779381	ISLR;ISLR	0.000108905	2.59E-05	0.365344	-2.73715	0.0175429	1.4181	1.4181	0.924781	1.01148	1.01148	0.162182	1.19765	1.19765	3.20E-05	0.375895	-2.66032
cg16926502	ISLR;ISLR	0.0195933	0.0371471	1.43726	1.43726	0.421857	0.884262	-1.13089	0.118218	0.775467	-1.28954	0.104485	0.766409	-1.30479	0.257755	0.837741	-1.19369
cg25411902	ISM1	1.66E-08	6.97E-06	0.412958	-2.42155	4.78E-09	0.104312	-9.58663	1.51E-05	0.450554	-2.21949	0.967855	0.996425	-1.00359	4.57E-09	0.102987	-9.70998
cg25796439	ISM1	0.000209591	0.892268	1.03366	1.03366	9.44E-05	0.182728	-5.47262	0.938835	1.01892	1.01892	0.000135851	0.199215	-5.0197	0.00161385	0.331403	-3.01747
cg16294620	ISM1	0.000813138	0.080672	0.768967	-1.30045	0.00365913	1.70397	1.70397	0.144005	0.808272	-1.23721	0.103851	1.27274	1.27274	0.413661	1.12	1.12
cg25178765	ISM1	0.00127594	0.0360428	1.24492	1.24492	0.063893	1.20576	1.20576	0.534087	1.05821	1.05821	0.013844	1.31424	1.31424	0.00803496	0.737055	-1.35675
cg10378364	ISM1	0.00132469	0.906354	0.980794	-1.01958	0.0251758	1.55077	1.55077	0.220317	1.2366	1.2366	0.524192	1.11223	1.11223	0.356514	0.855321	-1.16915
cg19118558	ISM1	0.00195834	2.28E-05	0.238242	-4.19741	0.773522	0.952363	-1.05002	0.474015	1.13108	1.13108	0.414474	0.868393	-1.15155	0.0220674	0.628515	-1.59105
cg25787377	ISM1	0.0019629	0.690714	0.900722	-1.11022	0.00764357	2.45096	2.45096	0.382932	1.26354	1.26354	0.0905511	0.614135	-1.62831	0.0109991	0.434298	-2.30257
cg12664209	ISM1	0.00407324	0.679365	0.912513	-1.09587	0.135332	0.70147	-1.42558	0.0687131	0.638399	-1.56642	0.00684581	0.462322	-2.163	0.0534537	0.616813	-1.62124
cg18993918	ISM1	0.00786055	0.802714	0.911188	-1.09747	0.828236	0.922444	-1.08408	0.00232316	0.205932	-4.85596	0.210077	0.612175	-1.63352	0.882979	0.946748	-1.05625
cg27427234	ISM1	0.00789163	0.000499608	0.469941	-2.12793	0.182818	1.21658	1.21658	0.137234	1.24856	1.24856	0.812516	0.967586	-1.0335	0.0338348	0.709199	-1.41004
cg26322248	ISM1	0.00803574	0.474951	0.701442	-1.42564	0.350029	0.625309	-1.59921	0.000350799	0.0605667	-16.5107	0.789826	0.877757	-1.13927	0.112646	0.430462	-2.32309
cg20777315	ISM1	0.0102754	0.0106473	0.642236	-1.55706	0.0370464	1.39637	1.39637	0.0152286	1.5083	1.5083	0.425684	1.1187	1.1187	0.967876	0.994462	-1.00557
cg14060111	ISM1	0.0225564	0.214039	0.469088	-2.1318	0.5296	0.693302	-1.44237	0.777584	1.1766	1.1766	0.00124638	0.0559622	-17.8692	0.0922011	0.33959	-2.94473
cg25384906	ISM1	0.0292071	0.0181621	0.727523	-1.37453	0.706351	0.958893	-1.04287	0.464436	0.920743	-1.08608	0.17713	0.85292	-1.17244	0.340816	1.11501	1.11501
cg22588144	ISM1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg07965823	ISM2;ISM2	4.44E-05	0.27692	1.31664	1.31664	0.755085	0.926705	-1.07909	4.78E-06	12.7447	12.7447	0.293489	0.767143	-1.30354	1.04E-05	9.92436	9.92436
cg11951910	ISM2;ISM2	0.000475837	0.0705689	0.796206	-1.25596	0.0823349	0.804902	-1.24239	0.739675	1.03832	1.03832	7.97E-05	0.44765	-2.23389	0.953397	0.993431	-1.00661
cg09966847	ISM2;ISM2	0.000638621	0.101277	0.785081	-1.27375	0.00197843	0.554693	-1.8028	9.85E-05	0.393511	-2.54123	0.881133	0.980024	-1.02038	0.0227886	0.692478	-1.44409
cg13130319	ISM2;ISM2	0.00845825	0.26887	1.60228	1.60228	0.0670226	2.31742	2.31742	0.344348	1.48997	1.48997	0.12462	1.97515	1.97515	0.00223083	5.77336	5.77336
cg00946243	ISM2;ISM2	0.0109013	0.381949	1.15826	1.15826	0.709786	1.06316	1.06316	0.954225	0.990639	-1.00945	0.00306653	0.51464	-1.94311	0.0159746	0.616722	-1.62148
cg04297264	ISM2;ISM2	0.0112414	0.00777387	1.74612	1.74612	0.00272354	1.96399	1.96399	0.0766589	0.72532	-1.3787	0.511691	0.89714	-1.11465	0.258223	1.21215	1.21215
cg07022494	ISM2;ISM2	0.0279946	0.690702	0.921107	-1.08565	0.0469371	1.59569	1.59569	0.0662329	1.52705	1.52705	0.0390766	1.63346	1.63346	0.00962887	0.51002	-1.96071
cg10878444	ISM2;ISM2	0.0284736	0.140599	1.43838	1.43838	0.436278	1.19978	1.19978	0.325212	0.792174	-1.26235	0.0372749	1.74092	1.74092	0.099049	1.51394	1.51394
cg02791860	ISOC1	0.000848395	0.00622138	0.597539	-1.67353	0.0507184	0.72512	-1.37908	0.113433	0.779815	-1.28236	0.541416	0.914613	-1.09336	1.16E-05	0.261355	-3.82621
cg25140773	ISOC1	0.00283311	0.582214	1.21015	1.21015	0.145485	0.584747	-1.71014	0.190429	0.621268	-1.60961	0.00559452	0.286801	-3.48674	0.000521832	0.156158	-6.40376
cg10879742	ISOC1	0.01064	0.000446074	0.549434	-1.82005	0.0452633	1.28182	1.28182	0.730509	0.963314	-1.03808	0.593775	0.943467	-1.05992	0.411293	1.09507	1.09507
cg04955231	ISOC1	0.0247466	0.626272	1.06175	1.06175	0.0791291	0.788217	-1.26869	0.35624	1.12282	1.12282	0.00240995	0.596899	-1.67533	0.174903	1.19262	1.19262
cg18118857	ISOC2;ISOC2;ISOC2	0.000469058	0.264122	1.12403	1.12403	0.000321718	0.557324	-1.79429	0.00248634	0.655533	-1.52548	0.0802561	0.822899	-1.21522	0.144133	0.85418	-1.17071
cg25826740	ISOC2;ISOC2;ISOC2	0.0127324	0.164126	1.44261	1.44261	0.33321	0.781624	-1.27939	0.997833	0.99933	-1.00067	0.850738	1.0476	1.0476	0.000420221	0.25159	-3.97472
cg24724506	ISOC2;ISOC2;ISOC2	0.0291098	0.0363182	1.74168	1.74168	0.025922	1.82729	1.82729	0.00275176	2.56489	2.56489	0.0895711	1.53222	1.53222	0.614193	1.12287	1.12287
cg27153400	ISOC2;ISOC2;ISOC2	0.0314959	0.165903	2.26894	2.26894	0.569176	0.726854	-1.37579	0.548281	1.40053	1.40053	0.249218	0.512833	-1.94995	0.937088	1.04474	1.04474
cg01242677	ISPD;ISPD	4.25E-05	0.226769	0.819167	-1.22075	0.309739	0.847712	-1.17965	1.13E-05	0.230855	-4.33173	0.204953	1.23394	1.23394	0.000921705	0.459312	-2.17717
cg11203313	ISPD;ISPD	7.12E-05	0.755982	1.06029	1.06029	6.08E-06	0.149101	-6.70688	0.00012003	0.282934	-3.5344	0.00663792	0.516026	-1.93789	0.115413	1.37907	1.37907
cg23058447	ISPD;ISPD	0.000171556	0.0300821	0.6636	-1.50693	0.259624	0.827761	-1.20808	2.54E-05	0.260952	-3.83212	0.138711	0.773986	-1.29201	2.07E-05	0.251272	-3.97975
cg25482100	ISPD;ISPD	0.000192537	0.438568	0.848646	-1.17835	0.120561	1.41869	1.41869	0.000954095	0.359674	-2.7803	0.609467	1.11295	1.11295	1.63E-05	0.158279	-6.31794
cg20487287	ISPD;ISPD	0.000610387	0.271031	0.839162	-1.19166	0.162985	1.25593	1.25593	0.953905	0.991194	-1.00888	0.913204	0.983454	-1.01682	1.30E-05	0.24631	-4.05992
cg24190705	ISPD;ISPD	0.000867407	0.891161	0.973903	-1.0268	0.212819	0.776133	-1.28844	0.881	0.971481	-1.02936	0.686387	0.924594	-1.08156	0.545367	0.888509	-1.12548
cg08893298	ISPD;ISPD	0.00101224	2.18E-05	0.237094	-4.21773	0.00356647	0.513837	-1.94614	0.516174	1.11742	1.11742	0.546589	1.10838	1.10838	0.925123	1.01598	1.01598
cg00371770	ISPD;ISPD	0.00147175	0.531502	1.14171	1.14171	0.228494	1.30249	1.30249	0.0197515	1.80158	1.80158	0.000241498	0.280862	-3.56046	0.0442159	1.62143	1.62143
cg02444978	ISPD;ISPD	0.00298906	0.305132	0.607245	-1.64678	0.0550955	0.360021	-2.77762	0.0246196	0.284432	-3.51578	0.780982	0.87728	-1.13989	0.00115818	0.106262	-9.41067
cg19057076	ISPD;ISPD	0.00479006	0.597625	0.874316	-1.14375	8.03E-05	0.16609	-6.02084	0.680728	0.900929	-1.10997	0.898109	0.968212	-1.03283	0.552365	0.859346	-1.16368
cg06436658	ISPD;ISPD	0.007071	0.00508121	0.147602	-6.77497	0.0165042	0.220206	-4.5412	0.0251407	0.252625	-3.95844	0.040505	0.294593	-3.39452	0.00161367	0.0967565	-10.3352
cg16221651	ISPD;ISPD	0.020503	0.0367624	0.612647	-1.63226	0.789717	0.947452	-1.05546	0.066384	0.659809	-1.51559	0.50814	1.1452	1.1452	0.0135935	0.539759	-1.85268
cg09992309	ISPD;ISPD	0.0255791	0.0501028	0.393922	-2.53858	0.0233539	0.323013	-3.09585	0.00802428	0.242525	-4.12329	0.343592	0.665714	-1.50215	0.0290241	0.341893	-2.92489
cg01516033	ISX	0.000462318	0.242154	0.801798	-1.2472	0.0946822	0.717882	-1.39299	0.00544592	0.516947	-1.93443	0.00130999	0.4299	-2.32612	0.325515	0.832606	-1.20105
cg11855664	ISX	0.0128901	0.0286182	0.252634	-3.95829	0.00497546	0.137941	-7.24946	0.0166975	0.210824	-4.74329	0.119138	0.406114	-2.46236	0.033158	0.265309	-3.76919
cg08741952	ISX;ISX	0.000202257	0.145718	0.745041	-1.34221	0.174786	1.31252	1.31252	0.0130223	0.559609	-1.78696	0.106232	0.717201	-1.39431	0.0930083	0.705955	-1.41652
cg16625230	ISY1	0.00600345	0.194436	0.756796	-1.32136	0.00645236	2.05248	2.05248	0.00524857	2.11143	2.11143	0.314321	1.2352	1.2352	0.551869	1.12997	1.12997
cg21192621	ISY1	0.0139599	0.151196	1.16129	1.16129	0.0163144	1.33042	1.33042	0.00583735	1.42036	1.42036	0.366797	0.913808	-1.09432	0.0316653	1.2775	1.2775
cg15766494	ISY1	0.0285214	0.185506	0.694886	-1.43909	0.266457	1.35013	1.35013	0.760767	1.0824	1.0824	0.912732	0.971976	-1.02883	0.102218	0.628948	-1.58996
cg25424488	ISY1	0.0307522	0.468057	1.33832	1.33832	0.00690527	0.251552	-3.97532	0.52921	0.777559	-1.28608	0.139965	1.87158	1.87158	0.00878218	0.267884	-3.73296
cg19596204	ISYNA1;ISYNA1;ISYNA1	6.73E-07	0.001595	1.55314	1.55314	0.282923	1.11454	1.11454	0.0413576	1.25695	1.25695	0.105606	1.18747	1.18747	0.020223	0.761717	-1.31282
cg03393966	ISYNA1;ISYNA1;ISYNA1	0.00640182	0.00278023	1.63856	1.63856	0.016948	1.41725	1.41725	0.0514865	1.30401	1.30401	0.0586537	1.29143	1.29143	0.00225796	1.6682	1.6682
cg25828334	ISYNA1;ISYNA1;ISYNA1	0.0275875	0.0245377	0.575913	-1.73637	0.0320667	0.596116	-1.67753	0.00264902	0.424562	-2.35537	0.970472	1.00765	1.00765	0.20286	0.758102	-1.31908
cg10740054	ISYNA1;ISYNA1;ISYNA1	0.0289887	0.0483163	0.528482	-1.89221	0.0344758	0.49806	-2.00779	0.00943587	2.53439	2.53439	0.0192439	2.22639	2.22639	0.806269	1.07192	1.07192
cg19289599	ISYNA1;ISYNA1;ISYNA1;ISYNA1	0.0342292	0.0474682	1.42816	1.42816	0.123398	0.769265	-1.29994	0.0891975	0.744824	-1.3426	0.193011	1.24177	1.24177	0.256962	0.8303	-1.20438
cg12524553	ITCH	0.00356727	0.673582	0.904498	-1.10559	0.00343435	0.389989	-2.56418	0.152849	1.43724	1.43724	0.130652	1.47215	1.47215	0.019169	0.510959	-1.9571
cg12481426	ITCH	0.00706558	0.855381	0.95816	-1.04367	0.272814	0.765384	-1.30653	0.0251487	0.535855	-1.86617	0.684336	1.10049	1.10049	0.000137185	0.213303	-4.68818
cg09091823	ITCH	0.00844659	0.355311	0.859122	-1.16398	0.00808452	0.581781	-1.71886	0.883321	1.02373	1.02373	0.992623	0.998525	-1.00148	0.00266105	1.94176	1.94176
cg21001667	ITCH	0.0237869	0.0314994	0.518979	-1.92686	0.560546	0.858098	-1.16537	0.0512735	0.561509	-1.78091	0.0318855	0.520005	-1.92306	0.0209623	0.485641	-2.05913
cg03522032	ITCH;ITCH	0.0137964	0.30717	0.772608	-1.29432	0.0306518	0.5381	-1.85839	0.8823	1.03682	1.03682	0.673107	0.901626	-1.10911	0.00045539	0.259815	-3.84889
cg09091110	ITFG1	0.00284125	0.941464	0.98904	-1.01108	0.766561	0.956305	-1.04569	0.000153148	0.377522	-2.64885	0.712945	1.05702	1.05702	0.00491836	0.571701	-1.74916
cg03160726	ITFG1	0.0147297	0.243107	0.58571	-1.70733	0.569853	0.777619	-1.28598	0.997464	0.998609	-1.00139	0.970332	0.983845	-1.01642	0.713532	0.850883	-1.17525
cg07312676	ITFG1	0.0208873	0.00280798	0.47533	-2.1038	0.0194088	0.600146	-1.66626	0.0184277	0.596595	-1.67618	0.516092	0.887853	-1.12631	0.243549	0.802173	-1.24661
cg13316934	ITFG2	0.00116903	0.00172267	3.4437	3.4437	0.0497999	1.85639	1.85639	0.0131438	2.34003	2.34003	0.000107824	6.6033	6.6033	0.0171341	2.23285	2.23285
cg01094787	ITFG2	0.00194268	0.0244277	1.71409	1.71409	0.000736764	0.356819	-2.80254	0.683123	1.08598	1.08598	0.00315588	2.24956	2.24956	0.707854	1.07859	1.07859
cg15322624	ITFG2	0.00523311	0.00105726	0.0782556	-12.7786	0.205337	2.01969	2.01969	0.0697592	2.90636	2.90636	0.0483509	3.27652	3.27652	0.028192	3.90949	3.90949
cg25553477	ITFG2	0.00785816	0.788324	1.08576	1.08576	0.292165	1.39678	1.39678	0.838461	1.0644	1.0644	0.897324	0.961295	-1.04026	0.000168396	0.141201	-7.08209
cg09063787	ITFG2	0.00906778	0.0308842	0.598728	-1.67021	0.0252341	1.71347	1.71347	0.00274513	2.30814	2.30814	0.402466	0.840801	-1.18934	0.907979	0.976871	-1.02368
cg17216272	ITFG2	0.00959082	0.0373789	0.556453	-1.7971	0.497002	1.18214	1.18214	0.0894585	0.634866	-1.57514	0.110529	0.655762	-1.52494	0.000170451	0.212085	-4.71509
cg22837289	ITFG2	0.0160112	0.0466092	0.603521	-1.65694	0.45651	1.183	1.183	0.0542985	1.62249	1.62249	0.0460196	0.602465	-1.65985	0.388536	0.822142	-1.21634
cg23359048	ITFG2	0.0217741	0.0803754	0.874579	-1.14341	0.0311663	1.19093	1.19093	0.85236	0.98721	-1.01296	0.714521	0.974936	-1.02571	0.0482025	0.855559	-1.16883
cg27069188	ITFG3	0.0010736	0.00191897	0.205043	-4.87703	0.0215069	2.70778	2.70778	0.494146	0.778445	-1.28461	0.0154285	0.342277	-2.92161	8.33E-05	0.0777115	-12.8681
cg02655906	ITFG3	0.00117153	0.776416	1.05729	1.05729	0.15866	1.34285	1.34285	0.0571755	1.52348	1.52348	0.0507671	1.54565	1.54565	5.19E-05	0.227416	-4.39723
cg09614814	ITFG3	0.00402236	0.0090539	0.277849	-3.59908	0.00311557	4.7633	4.7633	0.0861423	2.07933	2.07933	0.220426	0.608118	-1.64442	0.00543586	0.243625	-4.10467
cg08694735	ITFG3	0.00431078	0.268721	1.56088	1.56088	0.00363889	4.57501	4.57501	0.795741	0.904593	-1.10547	0.169956	1.75943	1.75943	0.0180735	0.329592	-3.03406
cg00418913	ITFG3	0.00520588	0.0807483	0.606027	-1.65009	0.047182	0.555821	-1.79914	0.617012	0.877757	-1.13927	0.290329	0.752923	-1.32816	0.000216304	0.202659	-4.93439
cg27277974	ITFG3	0.0158514	0.457159	0.895113	-1.11718	0.529186	1.09778	1.09778	0.000346538	0.430745	-2.32156	0.669731	1.0648	1.0648	0.3558	0.870233	-1.14912
cg16658177	ITFG3	0.0161573	0.000906008	0.352465	-2.83716	0.65782	1.09818	1.09818	0.468171	0.856348	-1.16775	0.723585	1.07746	1.07746	0.281374	0.790398	-1.26518
cg26887465	ITFG3	0.0445918	0.690747	1.11276	1.11276	0.00876035	2.44028	2.44028	0.116946	1.57626	1.57626	0.683539	1.11573	1.11573	0.26541	0.733376	-1.36356
cg01474600	ITFG3	0.0453033	0.0242159	0.691672	-1.44577	0.0166611	0.669605	-1.49342	0.048164	0.733563	-1.36321	0.268674	1.17124	1.17124	0.0797336	0.765826	-1.30578
cg02487987	ITGA1	0.000909483	0.259667	0.737409	-1.3561	0.00350557	2.78963	2.78963	0.068862	0.590102	-1.69462	0.484165	1.20224	1.20224	0.0173393	0.472036	-2.11848
cg04221738	ITGA10	0.000996226	0.193208	1.77148	1.77148	0.315412	1.53894	1.53894	0.075468	0.439627	-2.27466	0.00075643	0.119944	-8.33725	0.0241575	0.327439	-3.054
cg17938146	ITGA10;PEX11B	0.0201268	0.944088	1.01611	1.01611	0.254033	1.31183	1.31183	0.223152	1.33869	1.33869	0.874454	1.03669	1.03669	0.00115788	0.337019	-2.96719
cg16124434	ITGA11	0.000447722	0.320976	0.863879	-1.15757	0.000410004	2.2272	2.2272	0.00381183	0.573062	-1.74501	0.0966617	1.29725	1.29725	0.0269847	0.688165	-1.45314
cg09706133	ITGA11	0.00342454	0.000933641	0.389525	-2.56723	0.0226282	0.593957	-1.68362	0.000634013	0.367202	-2.72329	0.0457057	0.645827	-1.5484	0.00341432	0.467964	-2.13692
cg02633609	ITGA11	0.0112653	0.00527046	0.22985	-4.35067	0.00430217	0.217423	-4.59933	0.00693184	0.247453	-4.04118	0.14343	0.533444	-1.87461	0.0167942	0.311506	-3.21021
cg25699851	ITGA11	0.0128778	0.310617	1.19263	1.19263	0.170345	1.27787	1.27787	0.0618487	0.702491	-1.42351	0.217842	1.24319	1.24319	0.000539676	0.405104	-2.4685
cg12666899	ITGA11	0.0128847	0.0175691	0.593454	-1.68505	0.0857838	0.709713	-1.40902	0.00342795	0.487733	-2.0503	0.0889515	0.712635	-1.40324	0.00385238	0.494971	-2.02032
cg12627454	ITGA11	0.0188024	0.537485	0.839574	-1.19108	0.00421337	2.92487	2.92487	0.0142052	2.33313	2.33313	0.160301	0.656982	-1.52211	0.2609	1.38873	1.38873
cg24213777	ITGA11	0.034114	0.0394458	0.387344	-2.58168	0.146028	0.537238	-1.86137	0.131008	0.522486	-1.91393	0.0402927	0.389385	-2.56815	0.00374648	0.210532	-4.74987
cg08872353	ITGA11	0.039014	0.411489	1.29854	1.29854	0.557832	0.831618	-1.20248	0.0216363	0.424054	-2.35819	0.683615	0.880324	-1.13595	0.00220395	0.263156	-3.80003
cg21828345	ITGA11	0.0481087	0.410586	0.78397	-1.27556	0.611329	0.862232	-1.15978	0.0108781	2.52135	2.52135	0.0354715	2.03026	2.03026	0.292032	0.728906	-1.37192
cg18181571	ITGA1;PELO	8.41E-05	0.86233	1.03238	1.03238	2.00E-05	4.88194	4.88194	0.138828	1.33981	1.33981	3.03E-05	4.46959	4.46959	9.64E-05	3.57389	3.57389
cg12418686	ITGA1;PELO	0.00145307	0.00521792	0.626604	-1.5959	0.162409	1.20824	1.20824	0.000654576	1.93956	1.93956	0.150994	0.822681	-1.21554	0.0059125	1.57885	1.57885
cg26924465	ITGA1;PELO	0.00385496	0.723261	1.02826	1.02826	0.00667405	0.758887	-1.31772	0.250565	0.910174	-1.09869	0.0947475	0.865923	-1.15484	0.328126	1.08234	1.08234

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18716076	0.789352	0.837116	-1.19458	0.000747598	29.8765	29.8765	0.00714043	10.0437	10.0437	0.766541	1.2186	1.2186	5.22122	36.4587	6.20692	1
cg26293019	0.0186727	0.271169	-3.68773	0.000975623	0.105866	-9.44586	0.118156	0.459948	-2.17416	0.0611954	0.380723	-2.62658	4.327	14.3607	2.95008	1
cg26682994	0.744371	0.916695	-1.09088	0.0282498	0.50227	-1.99096	0.00188099	3.22739	3.22739	0.904106	1.03256	1.03256	4.29417	4.80634	0.994908	1
cg01904063	0.217078	1.1574	1.1574	0.169936	0.84829	-1.17884	0.0256376	1.34769	1.34769	0.0510437	1.28418	1.28418	4.22493	0.847695	0.178348	1
cg05710997	0.014109	0.516647	-1.93556	0.25379	0.771212	-1.29666	0.00899825	2.06271	2.06271	0.493472	1.1637	1.1637	3.60622	2.71412	0.668998	1
cg08734740	0.990322	0.999335	-1.00067	0.000187295	1.41339	1.41339	5.96E-11	11.2785	11.2785	2.38E-05	1.58838	1.58838	243.736	11.628	0.0424068	1
cg11711420	0.00159783	0.7706	-1.29769	0.00190091	0.776335	-1.2881	1.33E-09	5.58031	5.58031	0.0319117	1.15567	1.15567	124.873	6.54867	0.0466156	1
cg16318053	0.929629	0.983552	-1.01672	0.167587	0.75867	-1.3181	2.61E-08	47.0864	47.0864	0.121477	1.37058	1.37058	52.849	29.5089	0.496322	1
cg11039614	0.816327	1.11202	1.11202	0.00700246	0.203633	-4.9108	5.32E-06	110.793	110.793	0.0231281	3.4533	3.4533	15.7996	52.1113	2.9318	1
cg26896762	0.0183181	1.67607	1.67607	0.145645	0.754402	-1.32555	8.57E-06	5.73289	5.73289	0.312585	1.20735	1.20735	13.6378	7.02854	0.458109	1
cg06375967	0.0469329	1.44583	1.44583	0.00413146	0.53611	-1.86529	2.64E-08	27.6659	27.6659	0.350069	1.16874	1.16874	66.3534	27.6151	0.36994	1
cg05412396	0.360483	0.806213	-1.24037	1.99E-06	0.0678117	-14.7467	0.000151569	0.225471	-4.43516	0.00340347	0.40166	-2.48967	22.2509	18.5016	0.739111	1
cg19464917	0.15272	0.569044	-1.75733	0.218736	0.62115	-1.60992	4.64E-06	47.7899	47.7899	0.243176	1.56763	1.56763	17.5752	37.7195	1.90771	1
cg26478145	?	?	?	0.00266498	0.458536	-2.18086	0.0015048	2.35934	2.35934	0.655993	0.919295	-1.08779	16.6114	8.23785	0.495915	1
cg14433497	0.334462	0.646934	-1.54575	0.0020554	0.149594	-6.68476	1.48E-05	51.1928	51.1928	0.741086	0.864961	-1.15612	15.4205	46.7495	2.6948	1
cg12984729	0.793962	0.913504	-1.09469	0.0647404	0.488194	-2.04837	1.19E-05	24.6007	24.6007	0.38971	0.737372	-1.35617	13.3599	25.2787	1.6819	1
cg05143116	0.876369	0.964235	-1.03709	0.0494771	1.68942	1.68942	1.57E-05	8.06668	8.06668	0.0820912	1.56932	1.56932	11.2714	9.76922	0.770426	1
cg25255795	0.25843	1.27645	1.27645	0.0002226	0.280189	-3.56902	0.896942	1.02719	1.02719	0.0186478	1.80448	1.80448	10.5155	7.13573	0.60319	1
cg20643871	0.126921	0.372158	-2.68703	0.0287428	0.213429	-4.6854	0.782324	0.847192	-1.18037	0.897123	1.08053	1.08053	9.80863	55.6889	5.0467	1
cg20540209	0.170312	0.408012	-2.45091	0.81657	0.867072	-1.15331	6.18E-05	93.1586	93.1586	0.596692	0.720489	-1.38795	9.44788	56.3866	5.30505	1
cg08307030	0.86939	0.94335	-1.06005	0.0699043	0.487625	-2.05075	5.34E-05	14.4634	14.4634	0.171115	0.596659	-1.676	8.89171	17.6845	1.76789	1
cg26674943	0.165222	0.33603	-2.97593	0.0289101	0.149903	-6.67097	0.000251101	85.513	85.513	0.11608	3.51925	3.51925	7.2518	62.3398	7.6413	1
cg10088491	0.499213	1.18531	1.18531	0.709267	0.911357	-1.09726	7.05E-05	6.03217	6.03217	0.437002	0.821592	-1.21715	7.08885	6.89608	0.864716	1
cg10588696	0.13959	0.589975	-1.69499	0.00173001	0.22685	-4.40819	0.0529735	0.481928	-2.075	0.00149075	0.218629	-4.57395	6.78235	11.8344	1.551	1
cg17446010	0.500543	0.691765	-1.44558	0.0637638	0.325256	-3.0745	0.000224955	27.3171	27.3171	0.425842	0.645165	-1.54999	6.50339	29.9171	4.0891	1
cg10823473	0.0112529	2.06615	2.06615	0.00380144	0.409787	-2.44029	0.13418	0.69133	-1.44649	0.0344928	1.75686	1.75686	4.93642	4.08344	0.735295	1
cg13749815	0.134417	0.789916	-1.26596	0.00783466	0.60737	-1.64644	0.309255	0.857491	-1.16619	0.0842159	1.32196	1.32196	4.14789	1.40239	0.300531	1
cg04767484	0.0378598	1.66813	1.66813	0.753558	0.935259	-1.06922	0.0984194	1.46985	1.46985	0.077603	1.51718	1.51718	3.89132	2.78338	0.635803	1
cg07151039	0.719601	0.936053	-1.06832	0.00802963	0.536543	-1.86378	0.587441	0.904457	-1.10564	0.130717	0.741434	-1.34874	3.86512	2.05709	0.473083	1
cg03465861	0.126323	1.42824	1.42824	0.0363222	0.591862	-1.68958	0.014363	0.521824	-1.91635	0.124816	1.4306	1.4306	3.70941	2.72869	0.65388	1
cg26266708	0.223677	0.528721	-1.89136	0.0271105	0.271405	-3.68453	0.102878	0.410841	-2.43403	0.367532	0.630377	-1.58635	3.66545	14.4266	3.49852	1
cg07268058	0.0457007	1.42919	1.42919	0.0053518	0.564493	-1.7715	0.0585642	0.716698	-1.39529	0.846774	1.03062	1.03062	3.39954	1.30831	0.342089	1
cg01178680	6.07E-05	0.0364587	-27.4283	0.00083511	0.105559	-9.47341	0.235903	1.74277	1.74277	0.00365456	0.172391	-5.80075	14.5521	46.0929	2.8155	1
cg02611892	0.00607255	0.482466	-2.07269	0.0943589	0.687916	-1.45367	6.22E-05	0.222804	-4.48825	0.588482	1.11753	1.11753	10.5095	6.88793	0.58258	1
cg24028202	0.00804344	0.0897048	-11.1477	0.0026036	0.0517056	-19.3403	0.00341682	0.0592969	-16.8643	0.0461302	0.197343	-5.06731	8.44892	67.4883	7.10026	1
cg27552679	0.00147544	0.0287089	-34.8323	0.069582	0.207929	-4.80933	0.633663	0.689677	-1.44995	0.0232838	0.12267	-8.15198	5.24093	49.7038	8.43002	1
cg18011253	0.0114025	0.176041	-5.6805	0.00816486	0.156151	-6.40408	0.114976	0.390575	-2.56033	0.0239786	0.228276	-4.38067	4.64728	22.1452	4.23573	1
cg19470379	0.413315	0.53723	-1.8614	0.0350592	0.161328	-6.19854	0.0347039	0.16057	-6.22781	0.0853629	0.243434	-4.1079	4.23742	37.0394	7.7698	1
cg04551155	0.84376	0.972286	-1.0285	0.46768	0.900094	-1.11099	0.157669	1.2401	1.2401	0.365646	1.14155	1.14155	3.98282	1.27969	0.285603	1
cg08948898	0.693663	0.931369	-1.07369	0.146515	0.755857	-1.323	0.205374	0.78666	-1.2712	0.550964	1.11444	1.11444	3.97515	2.03078	0.454106	1
cg10988673	0.0160541	0.190999	-5.23562	0.0226363	0.215831	-4.63326	0.0746124	0.327674	-3.05181	0.196738	0.464524	-2.15274	3.9228	19.6077	4.44302	1
cg25666233	0.288649	0.464645	-2.15218	0.00470893	0.0732908	-13.6443	0.228439	0.414955	-2.4099	0.0876594	0.269333	-3.71287	3.76359	28.861	6.81643	1
cg02378847	0.976174	0.993407	-1.00664	0.0243286	0.551848	-1.81209	0.96236	1.01051	1.01051	0.851358	0.959302	-1.04243	5.16596	4.01395	0.690666	1
cg24779381	0.124242	1.22283	1.22283	0.00864699	1.49864	1.49864	0.0112319	0.6812	-1.468	0.641787	1.05825	1.05825	21.6407	5.00597	0.20562	1
cg16926502	0.0224723	0.663756	-1.50658	0.0166402	1.55014	1.55014	0.305724	0.853009	-1.17232	0.0229363	0.665037	-1.50368	4.73748	1.68625	0.31639	1
cg25411902	0.026909	0.792229	-1.26226	7.33E-09	0.117511	-8.50985	0.0241474	0.787463	-1.2699	2.82E-07	0.260525	-3.8384	207.099	25.9044	0.111184	1
cg25796439	0.00473342	2.5007	2.5007	?	?	?	0.00150848	0.327334	-3.05498	0.428824	0.820936	-1.21812	18.5939	15.6206	0.840092	1
cg16294620	0.0228173	1.44691	1.44691	4.07E-05	0.345821	-2.89167	0.279312	0.858535	-1.16477	0.864011	0.977022	-1.02352	12.4748	3.63321	0.258884	1
cg25178765	0.426953	0.92972	-1.07559	0.101724	0.851332	-1.17463	0.00611225	1.37918	1.37918	0.000132461	1.81397	1.81397	10.9776	1.40328	0.113627	1
cg10378364	0.7005	0.938295	-1.06576	2.05E-05	0.242225	-4.1284	0.439118	0.878062	-1.13887	0.898964	0.979284	-1.02115	10.8604	4.67099	0.382306	1
cg19118558	0.562197	0.905627	-1.10421	0.12638	0.755991	-1.32277	0.109817	0.744634	-1.34294	0.810073	1.04157	1.04157	9.70119	4.39659	0.402845	1
cg25787377	0.000426613	0.232642	-4.29846	0.00122378	0.290351	-3.44411	0.438991	0.813538	-1.2292	0.0525614	0.562018	-1.7793	9.69463	10.4945	0.962232	1
cg12664209	0.00786008	2.11964	2.11964	0.00124399	2.82692	2.82692	0.235449	1.31507	1.31507	0.916794	0.977244	-1.02329	7.80964	6.00137	0.683072	1
cg18993918	0.000375797	0.12094	-8.26859	0.188435	0.595857	-1.67825	0.272127	0.653965	-1.52913	0.0108686	0.304791	-3.28093	6.37933	13.9465	1.94329	1
cg27427234	0.0554113	0.739997	-1.35136	0.579934	0.925399	-1.08062	0.0571186	1.34783	1.34783	0.791087	1.0375	1.0375	6.37142	1.9407	0.27075	1
cg26322248	0.0720095	0.375246	-2.66492	0.714088	1.19674	1.19674	0.54218	1.3514	1.3514	0.0140179	4.39576	4.39576	6.33526	23.9025	3.35371	1
cg20777315	0.00299488	1.75307	1.75307	0.195227	0.827865	-1.20793	0.81848	0.968799	-1.03221	0.0987986	1.28348	1.28348	5.85943	1.76444	0.267669	1
cg14060111	0.120705	2.66004	2.66004	?	?	?	0.144414	0.402517	-2.48437	0.368325	1.70336	1.70336	5.09333	23.1307	3.9737	1
cg25384906	0.00387727	1.53939	1.53939	0.0787051	0.805286	-1.2418	0.424899	1.09458	1.09458	0.845381	0.97858	-1.02189	4.12583	0.803679	0.173149	1
cg22588144	?	?	?	?	?	?	?	?	?	?	?	?	?	0	0	1
cg07965823	0.00234358	2.80974	2.80974	0.452577	0.830151	-1.2046	0.000510518	3.74432	3.74432	0.0015309	3.03255	3.03255	27.4748	25.7495	0.833071	1
cg11951910	0.156696	1.1863	1.1863	0.000461462	1.86186	1.86186	0.0771212	1.24813	1.24813	0.00378765	1.5535	1.5535	14.4881	2.91829	0.179046	1
cg09966847	0.000352831	0.461144	-2.16852	0.113558	1.26136	1.26136	0.0949116	0.78076	-1.2808	0.000925711	0.513216	-1.9485	13.3494	3.84474	0.256008	1
cg13130319	0.00209143	5.88554	5.88554	0.380143	1.44565	1.44565	0.00155653	6.43628	6.43628	0.0166894	3.3078	3.3078	6.23371	16.5468	2.35947	1
cg00946243	0.471862	1.12739	1.12739	0.00365115	1.90443	1.90443	0.18447	0.794028	-1.2594	0.686654	0.935715	-1.0687	5.74919	2.4443	0.377916	1
cg04297264	0.128897	1.30685	1.30685	0.00773418	1.74709	1.74709	0.443457	0.880358	-1.1359	0.80587	1.04097	1.04097	5.69254	2.39789	0.37443	1
cg07022494	0.162548	1.35845	1.35845	0.0274782	1.70882	1.70882	0.650429	1.09827	1.09827	0.565333	1.12684	1.12684	4.18807	2.80033	0.594351	1
cg10878444	0.0939592	1.52553	1.52553	0.00462397	0.421407	-2.373	0.338067	0.797335	-1.25418	0.511903	1.16481	1.16481	4.16309	3.46769	0.74041	1
cg02791860	0.231793	0.834377	-1.1985	0.166774	1.23718	1.23718	0.99894	0.999808	-1.00019	0.460548	0.897204	-1.11457	12.3264	4.0695	0.293461	1
cg25140773	0.000377337	0.142178	-7.03342	0.0147876	0.357134	-2.80007	0.299522	0.691354	-1.44644	0.0137334	0.351368	-2.84602	8.70463	16.2468	1.65907	1
cg10879742	0.518231	0.931646	-1.07337	0.0163222	0.728041	-1.37355	0.999274	0.999902	-1.0001	0.633881	1.05323	1.05323	5.79422	1.07226	0.164496	1
cg04955231	0.538925	1.07891	1.07891	0.579196	0.933898	-1.07078	0.0673768	1.28432	1.28432	0.0893161	1.25699	1.25699	4.37269	1.03218	0.209824	1
cg18118857	0.016576	0.745305	-1.34173	2.53E-05	0.431836	-2.31569	0.756494	1.03174	1.03174	0.00518475	0.690288	-1.44867	14.5458	2.32448	0.142048	1
cg25826740	0.247985	1.34732	1.34732	0.0255395	0.519456	-1.92509	0.793126	0.937185	-1.06703	0.489777	1.18908	1.18908	5.46713	5.27553	0.857736	1
cg24724506	0.889023	0.96867	-1.03234	0.369328	0.810422	-1.23393	0.259422	1.30764	1.30764	0.0273254	1.81359	1.81359	4.1307	3.40045	0.731746	1
cg27153400	0.52607	1.42795	1.42795	0.00839205	0.154565	-6.46977	0.00293861	0.103835	-9.6307	0.919364	1.05776	1.05776	4.01662	19.5598	4.32864	1
cg01242677	0.244137	1.2111	1.2111	0.00156542	2.04253	2.04253	0.932522	1.0134	1.0134	8.61E-06	0.218608	-4.5744	27.792	10.874	0.34779	1
cg11203313	0.00610381	1.95849	1.95849	0.00367586	2.0906	2.0906	0.481526	0.874285	-1.14379	0.261216	0.80249	-1.24612	24.2398	13.5385	0.496464	1
cg23058447	0.438007	1.13561	1.13561	0.958391	1.00842	1.00842	0.000366104	0.399489	-2.5032	0.0161601	0.623119	-1.60483	19.1502	7.83691	0.363764	1
cg25482100	0.116673	1.42486	1.42486	0.00414591	2.22179	2.22179	0.147227	0.723928	-1.38135	0.00094772	0.359282	-2.78333	18.5615	12.6834	0.607393	1
cg20487287	0.339257	1.16267	1.16267	0.0108419	1.63164	1.63164	0.0398657	0.695214	-1.43841	0.379744	1.14784	1.14784	13.519	5.01345	0.32964	1
cg24190705	8.43E-06	0.153529	-6.51343	0.149366	1.34798	1.34798	0.0920003	0.698888	-1.43085	0.883718	0.972129	-1.02867	12.2496	7.23776	0.525204	1
cg08893298	0.883089	1.02513	1.02513	0.213091	1.2475	1.2475	0.114139	0.748383	-1.33621	0.0367517	0.664184	-1.50561	11.726	5.28223	0.400419	1
cg00371770	0.579473	1.12417	1.12417	0.00197826	2.49385	2.49385	0.635295	1.10506	1.10506	0.0147221	0.533793	-1.87339	10.5371	7.29644	0.615514	1
cg02444978	0.384079	0.657551	-1.52079	0.0127026	0.233454	-4.2835	0.000163667	0.0488038	-20.4902	0.00753011	0.198806	-5.03002	8.56744	29.9407	3.10641	1
cg19057076	0.239017	1.36471	1.36471	0.109391	1.55296	1.55296	0.0734674	0.60457	-1.65407	0.890165	0.965759	-1.03546	7.4352	7.48751	0.895143	1
cg06436658	0.0326755	0.27494	-3.63716	0.00234208	0.111459	-8.97194	0.95813	1.02749	1.02749	0.0329324	0.275634	-3.628	6.59433	27.8706	3.75685	1
cg16221651	0.0530402	0.641479	-1.5589	0.189128	0.755072	-1.32438	0.00121473	0.384259	-2.60241	0.789465	0.947389	-1.05553	4.66498	3.01335	0.574179	1
cg09992309	0.88531	1.06204	1.06204	0.294165	0.635223	-1.57425	0.264998	0.616016	-1.62333	0.00270452	0.177607	-5.63041	4.32263	11.9075	2.44861	1
cg01516033	0.900408	1.02285	1.02285	0.000832897	0.403466	-2.47852	2.93E-05	0.227936	-4.38719	0.00042116	0.36477	-2.74145	14.6042	7.53166	0.458416	1
cg11855664	0.0433604	0.289972	-3.44861	0.00598049	0.147428	-6.78297	0.00258615	0.108078	-9.25255	0.125823	0.413727	-2.41705	5.44522	24.4812	3.99636	1
cg08741952	0.179306	0.764316	-1.30836	0.368387	0.840228	-1.19015	1.13E-05	0.172619	-5.79309	2.67E-05	0.209362	-4.77641	18.3154	10.2984	0.499807	1
cg16625230	0.00183426	0.407184	-2.45589	0.0818462	0.676086	-1.4791	0.654734	1.09568	1.09568	0.889811	1.02854	1.02854	6.93793	4.52823	0.580158	1
cg21192621	0.0153391	1.33551	1.33551	0.0903306	0.834063	-1.19895	0.303435	1.10919	1.10919	0.203329	0.877618	-1.13945	5.30489	0.794088	0.133058	1
cg15766494	0.00391731	0.365432	-2.73649	0.114008	1.5617	1.5617	0.239077	1.37667	1.37667	0.0418397	1.83708	1.83708	4.16062	4.42963	0.94636	1
cg25424488	0.0395936	0.390876	-2.55836	0.560787	1.2613	1.2613	0.930115	1.03523	1.03523	0.222614	0.60299	-1.6584	4.05099	9.99478	2.1931	1
cg19596204	0.250493	1.1238	1.1238	7.27E-09	0.0958892	-10.4287	0.107053	1.18648	1.18648	0.214494	1.13543	1.13543	81.1065	12.135	0.132994	1
cg03393966	0.00627124	1.53176	1.53176	0.803084	0.970526	-1.03037	0.125873	0.820114	-1.21934	0.863322	1.02085	1.02085	6.8014	1.54442	0.201844	1
cg25828334	0.0866672	1.47673	1.47673	0.203469	0.758416	-1.31854	0.214153	0.763816	-1.30922	0.426955	0.846119	-1.18187	4.20972	2.8294	0.597433	1
cg10740054	0.701832	1.11486	1.11486	0.195642	1.4723	1.4723	0.971632	0.989999	-1.0101	0.984816	0.994635	-1.00539	4.1368	5.23417	1.12469	1
cg19289599	0.112749	1.31174	1.31174	0.174371	0.796835	-1.25496	0.00945887	0.596364	-1.67683	0.681238	0.937141	-1.06708	3.89838	1.52542	0.347818	1
cg12524553	0.0391735	0.568117	-1.7602	0.00112838	0.321282	-3.11253	0.00314154	0.384233	-2.60259	0.687456	1.10056	1.10056	8.12735	7.22488	0.790186	1
cg12481426	0.347576	0.797263	-1.25429	0.442201	1.2015	1.2015	0.448946	1.19813	1.19813	0.106445	0.661675	-1.51132	6.59591	5.73312	0.772617	1
cg09091823	0.00435445	1.83739	1.83739	0.102415	0.751701	-1.33032	0.501846	1.115	1.115	0.865243	1.0275	1.0275	6.23642	2.51886	0.359017	1
cg21001667	0.0562441	0.569963	-1.7545	0.00594273	0.392413	-2.54834	0.273751	1.34468	1.34468	0.0268256	0.505611	-1.97781	4.43306	4.74734	0.951906	1
cg03522032	0.127998	1.49416	1.49416	0.64224	1.12095	1.12095	0.0675593	0.606658	-1.64838	0.975796	0.992623	-1.00743	5.32546	5.02315	0.83843	1
cg09091110	0.0165394	0.644433	-1.55175	0.029609	0.68091	-1.46862	0.174844	0.805283	-1.2418	0.00228176	0.527171	-1.89692	8.69724	3.10213	0.317049	1
cg03160726	0.00670317	0.214371	-4.66481	0.000709979	0.104483	-9.5709	0.567778	1.28776	1.28776	0.0195073	0.290434	-3.44312	5.21192	15.8319	2.70013	1
cg07312676	0.14212	0.75194	-1.32989	0.0553948	1.48034	1.48034	0.174031	0.770089	-1.29855	0.766257	0.947569	-1.05533	4.63553	2.39596	0.459438	1
cg13316934	0.298576	1.34702	1.34702	0.851164	1.0533	1.0533	0.000242156	5.35719	5.35719	0.0446435	1.89156	1.89156	11.2554	13.6264	1.07613	1
cg01094787	0.00483353	2.11949	2.11949	0.0162881	1.80466	1.80466	0.0648764	1.51687	1.51687	0.0205962	1.75149	1.75149	9.72388	6.22005	0.568593	1
cg15322624	0.00602854	0.151458	-6.6025	0.612687	1.30809	1.30809	0.509992	0.703569	-1.42133	0.53858	0.720679	-1.38758	7.23708	31.7222	3.89626	1
cg25553477	0.0202719	0.424963	-2.35315	0.163317	0.634503	-1.57604	0.69811	0.887653	-1.12657	0.0960882	0.571914	-1.74852	6.37994	9.44619	1.3161	1
cg09063787	0.0203308	0.567772	-1.76127	0.315556	0.810578	-1.23369	0.253136	0.785418	-1.27321	0.0546807	1.55437	1.55437	6.09784	3.95527	0.576564	1
cg17216272	0.668362	0.900711	-1.11023	0.912905	1.0269	1.0269	0.200297	0.720175	-1.38855	0.169432	0.701055	-1.42642	5.99	5.58544	0.828855	1
cg22837289	0.00261591	0.397088	-2.51833	0.214901	1.33552	1.33552	0.129003	1.43841	1.43841	0.40488	1.20788	1.20788	5.06981	3.94333	0.691384	1
cg23359048	0.218556	0.914465	-1.09353	0.0065186	0.783283	-1.27668	0.0806321	0.8747	-1.14325	0.0697005	1.15046	1.15046	4.57008	0.345539	0.0672079	1
cg27069188	0.0715067	0.48385	-2.06676	0.235982	1.56513	1.56513	0.748326	1.12313	1.12313	0.0120449	0.32319	-3.09415	11.5316	23.7643	1.83181	1
cg02655906	0.27153	1.25101	1.25101	0.00827553	0.516536	-1.93597	0.193455	1.30896	1.30896	0.135493	0.729939	-1.36998	11.2486	6.81964	0.538904	1
cg09614814	0.598495	0.814532	-1.2277	0.0216564	0.344921	-2.89921	0.0849538	2.08633	2.08633	0.0742732	0.46401	-2.15513	7.83931	18.5052	2.09828	1
cg08694735	0.0138579	3.23946	3.23946	0.0152745	0.316222	-3.16233	0.262677	1.5705	1.5705	0.00763646	0.265631	-3.76461	7.67702	18.1652	2.10327	1
cg00418913	0.00256057	0.339004	-2.94982	0.300454	1.31979	1.31979	0.855456	0.953939	-1.04829	0.0486054	0.55848	-1.79058	7.24865	7.67748	0.941476	1
cg27277974	0.0642213	0.737633	-1.35569	0.497936	1.10593	1.10593	0.496783	1.10624	1.10624	0.149224	0.797459	-1.25398	5.08675	1.72519	0.30147	1
cg16658177	0.012367	0.519816	-1.92376	0.32374	1.23877	1.23877	0.110752	1.44064	1.44064	0.344883	0.815138	-1.22679	5.05451	3.53345	0.621395	1
cg26887465	0.608715	1.14792	1.14792	0.0394404	0.529117	-1.88994	0.0382594	1.89951	1.89951	0.19145	1.44704	1.44704	3.53757	3.9997	1.00501	1
cg01474600	0.153478	0.810834	-1.2333	0.41442	1.12127	1.12127	0.551159	0.920596	-1.08625	0.0363372	0.716153	-1.39635	3.51667	1.04844	0.265009	1
cg02487987	0.000260992	0.211114	-4.73678	0.000514418	0.24553	-4.07283	0.595696	1.14881	1.14881	0.013795	0.454509	-2.20018	12.0869	12.8469	0.944782	1
cg04221738	0.0039919	0.200491	-4.98775	7.74E-05	0.0512047	-19.5295	0.713263	1.16565	1.16565	0.028361	0.341395	-2.92916	11.7792	32.1739	2.42794	1
cg17938146	0.00886299	0.468071	-2.13643	0.735616	0.925676	-1.08029	0.816448	1.05441	1.05441	0.353159	0.804359	-1.24323	4.69447	3.86102	0.731077	1
cg16124434	0.00213876	1.85058	1.85058	0.0912722	0.766901	-1.30395	0.00119903	0.508023	-1.96842	0.0126424	1.55639	1.55639	14.7344	4.75185	0.286667	1
cg09706133	0.194867	1.29915	1.29915	0.338273	0.828283	-1.20732	0.0415667	0.638601	-1.56592	0.158184	0.749801	-1.33369	8.22726	4.7465	0.512821	1
cg02633609	0.0727118	0.449223	-2.22606	0.0121702	0.286834	-3.48634	0.00662501	0.244476	-4.09037	0.129369	0.519473	-1.92503	5.68863	14.3925	2.24893	1
cg25699851	0.863256	1.02937	1.02937	0.130617	1.31538	1.31538	0.365366	0.85541	-1.16903	0.684087	0.933613	-1.07111	5.44691	2.43244	0.396953	1
cg12666899	0.256238	0.80734	-1.23864	0.340998	1.19386	1.19386	0.16104	0.76312	-1.31041	0.00738106	0.536103	-1.86531	5.44596	2.81279	0.459103	1
cg12627454	0.841581	0.945496	-1.05765	0.0839923	0.585387	-1.70827	0.0702927	0.567429	-1.76234	0.257177	1.39262	1.39262	4.804	5.96768	1.10421	1
cg24213777	0.0659685	0.439885	-2.27332	0.0362832	0.379412	-2.63565	0.0160352	0.309286	-3.23325	0.0540165	0.418652	-2.38862	3.90312	9.79779	2.23133	1
cg08872353	0.131852	0.602921	-1.65859	0.120289	0.592007	-1.68917	0.406227	1.30255	1.30255	0.263428	0.695812	-1.43717	3.71709	5.69722	1.36241	1
cg21828345	0.525138	1.20472	1.20472	0.0247345	0.461486	-2.16691	0.810553	0.932897	-1.07193	0.603474	1.16365	1.16365	3.43803	4.55532	1.17776	1
cg18181571	0.995371	1.00107	1.00107	0.790548	1.05009	1.05009	0.000121044	3.43111	3.43111	0.010648	1.80324	1.80324	23.1918	12.3816	0.474557	1
cg12418686	0.908552	1.01468	1.01468	0.00163551	0.564312	-1.77207	0.254928	0.860057	-1.16271	0.603412	1.06873	1.06873	10.5759	2.69438	0.226459	1
cg26924465	0.835143	0.983796	-1.01647	0.000110512	0.586649	-1.7046	0.953832	1.00455	1.00455	0.173203	1.12032	1.12032	7.94031	0.772853	0.0865181	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00152034	ITGA1;PELO	0.0164006	0.544985	0.843549	-1.18547	0.0762174	1.72959	1.72959	0.0188986	0.454016	-2.20257	0.530491	0.838224	-1.193	0.0263563	0.481206	-2.07811	0.00640501	0.373405	-2.67805	0.0929836	0.598527	-1.67077	0.0422071	1.91545	1.91545	0.693736	1.11619	1.11619	5.02941	6.14383	1.08585	1
cg26072213	ITGA1;PELO	0.0220984	0.0356646	0.710233	-1.40799	0.462607	1.11031	1.11031	0.260122	0.848417	-1.17867	0.0102449	0.635774	-1.57289	0.0624338	1.34108	1.34108	0.0255156	0.689752	-1.4498	0.193869	0.824999	-1.21212	0.0605089	0.743639	-1.34474	0.142412	1.24691	1.24691	4.54697	1.41035	0.275709	1
cg05575995	ITGA1;PELO	0.0394421	0.716126	1.09085	1.09085	0.486443	1.18338	1.18338	0.620798	1.12608	1.12608	0.149269	1.44513	1.44513	0.402171	1.22648	1.22648	0.0877528	1.56629	1.56629	0.0016519	0.342211	-2.92218	0.67063	1.10723	1.10723	0.492012	1.18076	1.18076	3.70222	3.32411	0.798106	1
cg17480554	ITGA2	0.000298612	0.584063	0.896251	-1.11576	0.004079	2.14618	2.14618	0.00938831	0.520737	-1.92036	0.298855	0.807884	-1.2378	0.454948	0.860033	-1.16275	0.0818402	0.682472	-1.46526	8.48E-06	0.146516	-6.82521	0.0472732	1.56787	1.56787	0.416229	1.17895	1.17895	16.471	10.2397	0.552601	1
cg26722342	ITGA2	0.00200048	0.138479	0.749619	-1.33401	0.00195665	0.453323	-2.20593	0.000939346	0.409939	-2.43939	0.902163	1.02247	1.02247	0.84134	0.964432	-1.03688	0.0309423	0.632684	-1.58057	0.000133554	0.302302	-3.30795	0.0353503	0.642243	-1.55704	0.764835	0.947235	-1.0557	9.64123	4.98553	0.459648	1
cg07737131	ITGA2	0.0348996	0.0301399	0.0704378	-14.1969	0.0600533	0.110023	-9.08897	0.0398776	0.0844462	-11.8419	0.876658	0.850781	-1.17539	0.00966265	0.0331387	-30.1762	0.10041	0.153729	-6.50494	0.00428995	0.0187933	-53.2105	0.354636	0.371287	-2.69333	0.122442	0.175247	-5.70624	3.87115	66.3706	15.2399	1
cg04996689	ITGA2	0.0358502	0.681083	1.39151	1.39151	0.00171817	0.0225804	-44.2863	0.292783	0.416123	-2.40313	0.245158	2.65868	2.65868	0.496938	1.73712	1.73712	?	?	?	?	?	?	0.870482	1.13924	1.13924	0.973145	0.973468	-1.02726	4.3382	33.3824	7.69498	1
cg18775149	ITGA2	0.0400911	0.779004	1.06283	1.06283	0.23982	1.30548	1.30548	0.169365	0.72827	-1.37312	0.0533371	0.621641	-1.60865	0.0070782	0.470599	-2.12495	0.0219887	0.551519	-1.81317	0.059455	0.630791	-1.58531	0.404287	1.20301	1.20301	0.512378	0.865966	-1.15478	3.68005	2.73405	0.660388	1
cg02741854	ITGA2;ITGA2	0.000463904	0.747894	0.947872	-1.05499	0.619587	1.08663	1.08663	0.776074	1.04848	1.04848	0.412136	1.14936	1.14936	0.674349	1.07268	1.07268	3.58E-06	6.07871	6.07871	0.948622	1.01076	1.01076	0.635696	0.923837	-1.08244	0.422285	1.14577	1.14577	14.5904	6.36822	0.387971	1
cg25809905	ITGA2B	2.26E-05	0.383702	1.15869	1.15869	0.00162187	2.10621	2.10621	0.613336	1.08765	1.08765	0.720147	0.942404	-1.06112	6.50E-07	0.106369	-9.40126	0.0264413	1.54336	1.54336	0.00026139	2.69068	2.69068	0.857714	0.970841	-1.03003	0.499897	0.893218	-1.11955	32.8181	14.1326	0.382786	1
cg09887801	ITGA2B	2.76E-05	0.549505	1.10611	1.10611	0.00736381	0.562616	-1.77741	0.000131482	0.331201	-3.01932	0.183843	1.26465	1.26465	5.40E-05	0.285492	-3.50272	0.00285415	0.504764	-1.98112	9.82E-07	0.117086	-8.54072	0.773156	1.04931	1.04931	0.227991	0.809996	-1.23457	31.1229	13.6695	0.390408	1
cg25510895	ITGA2B	0.000608026	0.433085	0.860352	-1.16232	0.000976732	0.397653	-2.51476	3.40E-05	0.22106	-4.52367	0.206676	1.28456	1.28456	0.00152072	0.423825	-2.35946	0.821812	1.04333	1.04333	0.2612	1.24647	1.24647	0.225531	1.27038	1.27038	0.213572	0.781722	-1.27923	13.5336	7.57757	0.497695	1
cg09178651	ITGA2B	0.000810576	0.0249567	0.473541	-2.11175	0.0203698	0.456883	-2.18874	0.0188307	0.450567	-2.21943	0.0051361	0.355	-2.8169	0.519262	1.20088	1.20088	0.0727043	0.570644	-1.7524	1.35E-05	0.0779844	-12.8231	0.982952	0.994031	-1.006	0.644791	0.878038	-1.1389	12.4858	15.5236	1.10515	1
cg25400253	ITGA2B	0.00353872	0.0107051	0.447181	-2.23623	0.00068654	0.272324	-3.6721	0.00299067	0.359994	-2.77782	0.0237631	0.508097	-1.96813	0.0125056	0.458624	-2.18043	0.100216	0.636451	-1.57121	0.00323349	0.365016	-2.73961	0.0348161	0.539463	-1.8537	0.00203999	0.33594	-2.97673	8.14693	8.12181	0.886148	1
cg03459656	ITGA2B	0.00544039	0.00207749	0.166399	-6.00966	0.00984927	0.259328	-3.85613	0.0875166	0.458215	-2.18238	0.197943	0.569496	-1.75594	0.00478571	0.2124	-4.7081	0.342843	0.667423	-1.4983	0.597623	1.24655	1.24655	0.816528	0.908322	-1.10093	0.000625497	0.113456	-8.814	7.15144	19.3886	2.40991	1
cg22381590	ITGA2B	0.00873976	0.106873	0.487693	-2.05047	0.452328	0.731743	-1.3666	0.000888283	0.131197	-7.62215	0.453375	0.732292	-1.36558	0.00400112	0.206424	-4.8444	0.685708	0.84708	-1.18053	0.00197468	0.168084	-5.9494	0.0428788	0.386493	-2.58737	0.249402	0.611978	-1.63405	6.16949	16.2589	2.34255	1
cg01637609	ITGA2B	0.0191061	0.53582	0.827931	-1.20783	0.924342	1.02902	1.02902	0.00223173	0.275361	-3.6316	0.774176	0.917011	-1.0905	0.00172538	0.260126	-3.84429	0.613673	1.16569	1.16569	0.0440944	0.498266	-2.00696	0.399556	0.771267	-1.29657	0.498535	0.813085	-1.22988	4.77806	6.86351	1.27686	1
cg09826001	ITGA2B	0.0303025	0.0204831	0.169604	-5.89609	0.264742	0.477785	-2.09299	0.0557752	0.252312	-3.96334	0.123994	0.346976	-2.88204	0.0119512	0.136298	-7.33687	0.0235023	0.1792	-5.58036	0.00542683	0.0977894	-10.2261	0.0283011	0.192963	-5.18234	0.102263	0.321011	-3.11516	4.07229	26.0414	5.68425	1
cg17749520	ITGA2B	0.0380863	0.870198	1.03974	1.03974	0.225229	0.738196	-1.35465	0.00108193	0.316671	-3.15785	0.624112	1.12491	1.12491	0.461967	1.19538	1.19538	0.624164	1.12489	1.12489	0.212789	1.36714	1.36714	0.38124	0.807324	-1.23866	0.257144	0.754393	-1.32557	3.75002	3.37316	0.799559	1
cg16191750	ITGA2B	0.0390061	0.229932	0.811944	-1.23161	0.686539	0.935105	-1.0694	0.0582751	0.701935	-1.42463	0.135953	1.30439	1.30439	0.203746	0.801036	-1.24838	0.908234	0.98111	-1.01925	0.0265434	0.64736	-1.54473	0.748071	0.9481	-1.05474	0.00281723	0.506361	-1.97487	3.71737	1.61036	0.385065	1
cg00798317	ITGA3;ITGA3	0.00296301	0.00916916	2.05926	2.05926	0.654868	1.10321	1.10321	0.331292	1.24461	1.24461	0.0062508	2.17687	2.17687	0.0531633	0.619031	-1.61543	0.563051	0.880171	-1.13614	0.000293757	3.62498	3.62498	0.0239911	1.80007	1.80007	0.0118623	1.9852	1.9852	8.58973	6.48311	0.67089	1
cg27566289	ITGA3;ITGA3	0.00365473	0.812505	0.967256	-1.03385	0.0217844	0.679923	-1.47075	0.500107	0.908554	-1.10065	0.268685	0.850946	-1.17516	0.475372	1.10705	1.10705	0.0454082	1.37923	1.37923	0.000106328	0.383488	-2.60765	0.509113	1.09838	1.09838	0.246676	1.18498	1.18498	8.06855	2.50848	0.276352	1
cg14737977	ITGA3;ITGA3	0.0159666	0.332663	0.599342	-1.6685	0.00223296	8.96572	8.96572	0.0727622	2.78817	2.78817	0.154993	2.18066	2.18066	0.364785	0.620622	-1.61129	0.295937	0.573974	-1.74224	0.502955	0.705938	-1.41656	0.00478648	6.80798	6.80798	0.837079	1.11124	1.11124	5.07451	21.0887	3.69406	1
cg16462413	ITGA3;ITGA3;ITGA3;ITGA3	1.78E-05	0.483946	0.944473	-1.05879	0.458307	1.06253	1.06253	0.0206221	1.25095	1.25095	0.462033	1.06197	1.06197	0.0442253	1.20396	1.20396	0.0384821	0.824846	-1.21235	2.24E-07	0.285913	-3.49756	0.0811223	0.856157	-1.16801	0.0353712	1.21746	1.21746	34.9383	3.56889	0.0907984	1
cg05246303	ITGA4	0.000837018	0.000302315	0.181913	-5.49713	0.0520057	0.526582	-1.89904	0.000134309	0.146717	-6.81582	0.0855038	0.576104	-1.7358	0.000967239	0.240478	-4.15839	0.0388254	0.499567	-2.00173	0.636615	0.871043	-1.14805	0.000502887	0.206349	-4.84617	0.138984	0.630002	-1.5873	12.3735	16.4944	1.18493	1
cg25515269	ITGA4	0.0112822	0.0422424	0.382077	-2.61727	0.0427373	0.383216	-2.6095	0.0029766	0.18714	-5.3436	0.770995	0.886905	-1.12752	0.107425	0.485526	-2.05962	0.956814	0.977978	-1.02252	0.0380658	2.68784	2.68784	0.00401651	0.204036	-4.9011	0.86317	1.07351	1.07351	5.68587	15.2272	2.38051	1
cg02552137	ITGA4	0.0114982	0.569912	0.900393	-1.11063	0.0115692	0.561625	-1.78055	0.163661	1.31208	1.31208	0.581512	0.903283	-1.10707	0.556333	1.11485	1.11485	0.991252	1.00201	1.00201	0.000458524	2.74035	2.74035	0.982302	1.00406	1.00406	0.976162	0.994555	-1.00547	5.65114	2.98823	0.47003	1
cg17510922	ITGA4	0.0330523	0.668644	1.19645	1.19645	0.432875	1.39569	1.39569	0.268847	0.618965	-1.6156	0.246771	0.603803	-1.65617	0.00285602	0.180879	-5.52857	0.142221	0.518298	-1.92939	0.014557	0.28548	-3.50287	0.652668	1.2077	1.2077	0.0429751	0.379011	-2.63844	3.94781	10.8492	2.4428	1
cg03826594	ITGA5	0.000377511	?	?	?	0.00347188	0.25735	-3.88576	0.32426	0.705873	-1.41669	2.71E-05	0.058785	-17.0112	0.000298694	0.133517	-7.48968	0.679382	1.15281	1.15281	0.00219558	0.230089	-4.34615	0.0098816	0.32778	-3.05083	0.543408	0.810217	-1.23424	15.8248	26.0814	1.64813	1
cg09583374	ITGA5	0.00261185	0.111307	0.626635	-1.59583	0.955912	0.985213	-1.01501	0.741039	0.914512	-1.09348	0.0268123	0.493221	-2.02749	0.00422176	0.356205	-2.80737	0.0299528	0.502511	-1.99001	0.0257914	0.49	-2.04082	5.91E-05	0.134934	-7.41105	0.0533255	0.553505	-1.80667	8.91632	10.2534	1.02218	1
cg10801752	ITGA5	0.00378963	0.290346	0.806126	-1.2405	0.00198356	2.35826	2.35826	0.559655	0.890607	-1.12283	0.69246	0.924897	-1.0812	0.309723	0.813471	-1.2293	0.0424973	0.632055	-1.58214	0.000317018	0.31806	-3.14406	0.338256	1.21394	1.21394	0.310196	0.813647	-1.22903	7.98122	4.87548	0.542995	1
cg20749730	ITGA5	0.00407401	0.581526	1.14108	1.14108	0.761645	0.930417	-1.07479	0.724435	0.91951	-1.08754	0.198692	1.37989	1.37989	0.583679	0.877037	-1.1402	0.819075	0.947132	-1.05582	8.07E-05	0.185147	-5.40111	0.168357	1.41625	1.41625	0.0612921	1.64854	1.64854	7.8092	6.95145	0.791255	1
cg16770799	ITGA5	0.00684645	0.961269	1.00863	1.00863	0.0119169	1.74285	1.74285	0.0022528	2.13155	2.13155	0.532234	0.894051	-1.1185	0.543696	1.11494	1.11494	0.0925638	1.38773	1.38773	0.00535262	0.522387	-1.91429	0.0249792	1.60349	1.60349	0.0885735	1.39455	1.39455	6.66099	3.30581	0.441151	1
cg01213231	ITGA5	0.00747366	0.702951	1.08722	1.08722	0.0693465	1.55806	1.55806	0.00542776	0.449978	-2.22233	0.0106072	0.495877	-2.01663	0.129524	0.699435	-1.42973	0.769595	1.0662	1.0662	?	?	?	0.00191021	0.38309	-2.61036	0.109147	0.682976	-1.46418	6.61498	4.43626	0.670638	1
cg20909017	ITGA5	0.0211672	0.00967227	0.305632	-3.27191	0.292348	0.673313	-1.48519	0.00741433	0.286835	-3.48633	0.0112138	0.316483	-3.15973	0.241267	0.641381	-1.55914	0.412775	0.738469	-1.35415	0.920611	1.03675	1.03675	0.0152117	0.339799	-2.94291	0.0100453	0.308381	-3.24274	4.61451	9.58047	1.84548	1
cg01961881	ITGA5;ITGA5	0.00391702	0.00245169	0.466915	-2.14172	0.700417	0.932517	-1.07237	0.010303	1.79358	1.79358	0.197659	0.781852	-1.27901	0.874937	1.02887	1.02887	0.0820862	0.706002	-1.41643	0.0893876	0.712851	-1.40282	0.00115131	2.37101	2.37101	0.893349	0.97605	-1.02454	7.90224	4.08751	0.459786	1
cg19134705	ITGA6;ITGA6	0.000127369	0.114993	0.645591	-1.54897	0.00299034	2.82851	2.82851	0.0222399	2.01313	2.01313	0.000139475	5.36509	5.36509	0.649653	0.889796	-1.12385	0.000101275	5.80555	5.80555	2.78E-05	8.22495	8.22495	0.00818961	2.37229	2.37229	0.0891831	0.619661	-1.61378	20.7503	21.4243	0.91776	1
cg16060330	ITGA6;ITGA6	0.00046721	0.0375885	0.620582	-1.61139	0.00709604	0.5026	-1.98965	0.000140895	0.272704	-3.66698	0.041555	0.628283	-1.59164	0.00260698	0.438343	-2.28132	0.0109446	0.531755	-1.88057	2.63E-05	0.193036	-5.18039	0.670879	1.08821	1.08821	0.0359983	0.617291	-1.61998	14.5617	9.02102	0.55067	1
cg19925054	ITGA6;ITGA6	0.00112425	0.568595	0.85351	-1.17163	0.0211719	2.14218	2.14218	0.921702	1.02739	1.02739	0.000766107	4.05913	4.05913	0.917256	1.02898	1.02898	0.000534605	4.39904	4.39904	0.000100638	6.65438	6.65438	0.406906	1.26265	1.26265	0.535266	1.18838	1.18838	11.3814	13.6208	1.06378	1
cg05731808	ITGA6;ITGA6	0.00198438	0.0125989	0.319167	-3.13315	0.172876	1.70572	1.70572	0.420291	0.738516	-1.35407	0.046331	2.31688	2.31688	0.121825	0.539351	-1.85408	0.00148317	5.4068	5.4068	0.00114114	5.81893	5.81893	0.282507	1.5085	1.5085	0.0125324	0.318767	-3.13709	9.66395	20.7423	1.90788	1
cg22061832	ITGA6;ITGA6	0.00432072	0.00349956	0.271483	-3.68347	0.343434	1.37883	1.37883	0.331417	0.719042	-1.39074	0.0139714	2.71606	2.71606	0.021196	0.40174	-2.48917	0.00292373	3.84055	3.84055	0.174549	1.60857	1.60857	0.130471	1.71182	1.71182	0.137623	0.590807	-1.6926	7.67166	13.1628	1.52513	1
cg10155853	ITGA6;ITGA6	0.00659243	0.405205	0.720008	-1.38887	0.00822688	3.68358	3.68358	0.18494	1.72	1.72	0.00189861	5.45978	5.45978	0.865223	0.936575	-1.06772	0.00156932	5.76591	5.76591	0.0166086	3.09048	3.09048	0.185922	1.71767	1.71767	0.345473	0.68744	-1.45467	6.73977	15.8816	2.09458	1
cg01044293	ITGA6;ITGA6	0.00868773	0.00323189	0.076395	-13.0899	0.00544141	0.0962127	-10.3936	0.0827423	0.292275	-3.42144	0.0296753	0.194248	-5.14805	0.0017731	0.0578716	-17.2796	0.238868	0.453983	-2.20273	0.0303963	0.196121	-5.09888	0.0624121	0.261148	-3.82925	0.00612159	0.101243	-9.8772	6.18116	40.1218	5.76975	1
cg20795401	ITGA6;ITGA6	0.0125683	0.106038	0.628596	-1.59085	0.72688	1.09661	1.09661	0.0319897	0.516417	-1.93642	0.556963	0.855361	-1.1691	0.214284	0.709028	-1.41038	0.0602181	0.572675	-1.74619	0.000289766	0.211254	-4.73364	0.497865	1.1984	1.1984	0.167896	0.679408	-1.47187	5.49028	6.01439	0.973743	1
cg15890754	ITGA6;ITGA6	0.0129857	0.0144165	0.418329	-2.39046	0.276487	1.38697	1.38697	0.153859	0.643254	-1.5546	0.0606302	1.84284	1.84284	0.00635801	0.358264	-2.79123	0.106776	1.66343	1.66343	0.848083	1.05699	1.05699	0.0339509	2.04509	2.04509	0.141971	0.633641	-1.57818	5.4321	7.18508	1.17574	1
cg10331637	ITGA6;ITGA6	0.014176	0.00675284	0.628966	-1.58991	0.0993377	0.787777	-1.26939	0.000900914	0.518932	-1.92703	0.411573	0.89506	-1.11724	0.453654	0.904121	-1.10605	0.616801	0.935555	-1.06888	0.0082172	0.639894	-1.56276	0.0288312	0.711518	-1.40545	0.1942	0.834134	-1.19885	5.27816	1.45749	0.245454	1
cg15021238	ITGA6;ITGA6	0.017514	0.0164601	0.45092	-2.21769	0.0424115	0.52986	-1.88729	0.0535982	0.551209	-1.81419	0.227401	1.41107	1.41107	0.679211	1.11964	1.11964	0.6766	1.12074	1.12074	0.461724	0.815782	-1.22582	0.0488565	1.84277	1.84277	0.00458695	0.358627	-2.78841	4.92015	5.75433	1.03959	1
cg02670123	ITGA6;ITGA6	0.0181519	0.685237	0.847439	-1.18003	0.0437408	0.389973	-2.56428	0.973455	1.01361	1.01361	0.304438	1.5404	1.5404	0.0674209	0.434977	-2.29897	0.179502	0.560363	-1.78456	0.00215467	0.173777	-5.75449	0.00393617	0.206822	-4.83506	0.858213	1.07535	1.07535	4.86137	12.7055	2.32316	1
cg10749011	ITGA6;ITGA6	0.0334539	0.0306711	0.690294	-1.44866	0.018262	1.51925	1.51925	0.037689	1.42177	1.42177	0.731384	1.05159	1.05159	0.647813	1.06944	1.06944	0.0995235	0.768324	-1.30153	0.303263	0.855851	-1.16843	0.477312	1.11124	1.11124	0.0513859	1.38236	1.38236	3.9307	1.32661	0.299999	1
cg03295096	ITGA6;ITGA6	0.0443275	0.116038	2.20504	2.20504	0.171781	0.511076	-1.95666	0.678286	0.826308	-1.2102	0.0710217	2.55434	2.55434	0.179197	1.93124	1.93124	0.0699028	2.56649	2.56649	0.633875	1.24548	1.24548	?	?	?	0.0127522	0.231226	-4.32477	3.91403	11.2652	2.51839	1
cg18124955	ITGA6;ITGA6;ITGA6;ITGA6	0.0110796	0.0134727	0.668364	-1.49619	0.388447	1.12347	1.12347	0.463303	1.10333	1.10333	0.863259	1.02296	1.02296	0.00634722	1.59679	1.59679	0.0876826	1.28183	1.28183	0.00381192	0.598157	-1.6718	0.94306	1.00945	1.00945	0.238089	1.17677	1.17677	5.71921	1.57143	0.244234	1
cg01579001	ITGA7	0.000706401	0.0567988	0.777885	-1.28554	0.0805463	1.25335	1.25335	0.00089112	0.560007	-1.78569	0.0117042	1.44337	1.44337	0.00047281	0.52741	-1.89606	0.0010793	1.75483	1.75483	0.175076	1.18297	1.18297	0.686459	1.04842	1.04842	0.901869	0.985731	-1.01448	12.9778	2.78998	0.191095	1
cg25814752	ITGA7	0.035505	0.0630019	0.380731	-2.62653	0.00300177	0.152744	-6.54689	0.0280996	0.301932	-3.312	0.527774	0.744252	-1.34363	0.0745977	0.399692	-2.50193	0.0584291	0.372583	-2.68396	0.0323428	0.314424	-3.18042	0.0360829	0.324475	-3.0819	0.728428	0.851341	-1.17462	3.84712	12.9893	3.00122	1
cg09295050	ITGA7	0.04565	0.0386363	0.236887	-4.22142	0.00427266	0.100421	-9.95809	0.0725545	0.299794	-3.33562	0.752624	0.826863	-1.20939	0.0439517	0.248573	-4.02296	0.0802755	0.3114	-3.2113	0.0269577	0.206984	-4.83129	0.0692315	0.294571	-3.39476	0.346877	0.558549	-1.79035	3.50663	20.0783	5.0896	1
cg17294610	ITGA7;ITGA7;ITGA7	0.00156156	0.0757858	0.748724	-1.33561	0.282167	1.1778	1.1778	7.92E-05	0.351867	-2.84198	0.121517	0.782076	-1.27865	0.000999429	0.488931	-2.04528	0.115424	0.778331	-1.2848	0.160778	1.24528	1.24528	0.698189	1.05872	1.05872	0.0275275	0.682723	-1.46472	10.3588	3.51756	0.30184	1
cg03134211	ITGA7;ITGA7;ITGA7	0.00287511	0.000748867	0.464251	-2.15401	0.190634	0.81228	-1.2311	0.00249472	0.532398	-1.87829	0.504721	0.903434	-1.10689	0.00609764	0.584443	-1.71103	0.0198457	1.52486	1.52486	0.0647368	1.36511	1.36511	0.966191	0.993661	-1.00638	0.165055	0.800778	-1.24879	8.66677	3.08938	0.316856	1
cg02395102	ITGA7;ITGA7;ITGA7	0.00384125	0.0271778	0.556661	-1.79643	0.0230035	1.83903	1.83903	0.498864	1.16628	1.16628	0.0071222	2.17889	2.17889	0.0216473	1.85486	1.85486	0.183703	0.72905	-1.37165	0.566646	1.13857	1.13857	0.000690844	3.19153	3.19153	0.153837	0.710282	-1.40789	7.94882	6.31979	0.706719	1
cg00656647	ITGA7;ITGA7;ITGA7	0.00835016	0.902984	0.97738	-1.02314	0.223188	1.27143	1.27143	0.00462141	2.02805	2.02805	0.170095	0.760212	-1.31542	0.151277	0.749372	-1.33445	0.00309056	0.467816	-2.13759	0.0064361	0.514323	-1.9443	0.483562	0.87495	-1.14292	0.926581	1.01744	1.01744	6.25908	3.48973	0.495598	1
cg11649016	ITGA7;ITGA7;ITGA7	0.0158359	0.0580256	0.566771	-1.76438	0.636436	0.881455	-1.13449	0.0383011	1.88924	1.88924	0.0975203	1.61903	1.61903	0.00620927	0.388486	-2.5741	0.133403	0.651143	-1.53576	0.98893	0.99633	-1.00368	0.0234575	2.04896	2.04896	0.141825	0.657983	-1.5198	5.0884	5.65953	0.98866	1
cg00174093	ITGA7;ITGA7;ITGA7	0.0458604	0.0571229	0.679801	-1.47102	0.305751	0.826828	-1.20944	0.0231421	0.614519	-1.62729	0.594118	0.908058	-1.10125	0.0419188	0.656772	-1.5226	0.039001	0.651514	-1.53489	0.0434835	1.5164	1.5164	0.270904	0.814203	-1.22819	0.588698	1.10285	1.10285	3.50058	1.78272	0.452679	1
cg27553745	ITGA7;ITGA7;ITGA7;ITGA7;ITGA7	0.00282265	0.131904	1.59123	1.59123	?	?	?	0.000394096	0.178497	-5.60233	0.139891	0.635415	-1.57377	?	?	?	0.0919376	0.587655	-1.70168	0.075652	1.76406	1.76406	?	?	?	0.0107188	0.390934	-2.55798	11.092	9.13537	0.96087	1
cg26979518	ITGA7;ITGA7;METTL7B;ITGA7	0.0244199	0.67343	0.828593	-1.20686	0.0108062	0.241674	-4.13781	0.170778	0.523626	-1.90976	0.590109	1.27281	1.27281	0.0010911	0.117964	-8.47716	0.236506	0.576841	-1.73358	0.897518	1.05882	1.05882	0.0437414	0.357632	-2.79617	0.600043	0.79082	-1.26451	4.39291	13.6893	2.76997	1
cg04578744	ITGA8	2.74E-05	0.00198141	0.415062	-2.40928	1.84E-05	0.172415	-5.79995	2.62E-06	0.10233	-9.77235	0.000265429	0.299597	-3.33782	0.0063841	0.489534	-2.04276	0.0740729	0.669904	-1.49275	0.000309168	0.307806	-3.2488	2.22E-05	0.180429	-5.54235	0.00100167	0.374141	-2.67279	31.1869	20.0063	0.57022	1
cg09638248	ITGA8	0.00420945	0.733036	0.927743	-1.07789	0.992878	1.00196	1.00196	0.425557	0.836735	-1.19512	0.941848	0.984145	-1.01611	0.736401	1.07682	1.07682	0.0215212	0.546156	-1.83098	0.00436104	2.30315	2.30315	0.000601987	0.313753	-3.18722	0.00741204	0.469706	-2.12899	7.73245	5.87686	0.675578	1
cg24959335	ITGA8	0.00434551	0.0475769	0.401643	-2.48978	0.0889895	2.12789	2.12789	0.00893514	0.262126	-3.81496	0.974353	1.01303	1.01303	0.0197079	0.321773	-3.10778	0.224146	0.598051	-1.6721	0.000190099	0.0794744	-12.5827	0.66943	0.841227	-1.18874	0.0567366	0.419717	-2.38256	7.65839	19.6571	2.28155	1
cg17894577	ITGA8	0.00598577	0.415319	0.849164	-1.17763	0.00196516	0.423506	-2.36124	0.0206386	0.578454	-1.72875	0.199978	0.766534	-1.30457	0.0252021	1.6866	1.6866	0.754399	0.940232	-1.06357	0.00759568	1.96246	1.96246	0.992491	1.00185	1.00185	0.0301177	0.606031	-1.65008	6.94425	4.24124	0.542894	1
cg17938623	ITGA8	0.00698843	0.817456	1.03887	1.03887	0.00742688	0.566242	-1.76603	0.00394266	0.527468	-1.89585	0.889223	0.977275	-1.02325	0.851313	1.03143	1.03143	0.764163	0.951583	-1.05088	0.126476	0.761347	-1.31346	0.00139485	2.14638	2.14638	0.856645	1.03027	1.03027	6.61853	2.8517	0.382993	1
cg26104297	ITGA8	0.0138578	0.0202308	0.785777	-1.27263	0.367593	0.923408	-1.08295	0.266913	1.10471	1.10471	0.0587433	0.832089	-1.20179	0.0776287	0.844624	-1.18396	0.00845739	0.748661	-1.33572	0.771365	1.0254	1.0254	0.00717975	1.34826	1.34826	0.202896	0.890712	-1.1227	5.31769	0.624309	0.104358	1
cg13492340	ITGA8	0.0178632	0.0402642	0.394251	-2.53645	0.0168619	0.318146	-3.14321	0.00746984	0.258481	-3.86875	0.10481	0.498423	-2.00633	0.0380181	0.388764	-2.57226	0.386854	0.7058	-1.41683	0.0102361	0.280417	-3.56611	0.0672082	2.23832	2.23832	0.45471	0.741477	-1.34866	4.88764	11.9438	2.17215	1
cg14364212	ITGA8	0.032919	0.244752	1.46027	1.46027	0.101186	1.74805	1.74805	0.0896104	0.55861	-1.79016	0.294041	1.40306	1.40306	0.107028	1.72885	1.72885	0.425262	0.776193	-1.28834	0.00507643	3.16647	3.16647	0.019847	2.39899	2.39899	0.714539	0.891985	-1.12109	3.95354	6.06244	1.36304	1
cg27321175	ITGA8	0.0426047	0.00538691	0.149921	-6.67016	0.0937856	0.38503	-2.5972	0.248645	0.535483	-1.86747	0.0369295	0.285044	-3.50823	0.038207	0.288184	-3.47001	0.457188	0.675601	-1.48016	0.0246794	0.250208	-3.99667	0.0191694	0.230404	-4.3402	0.126191	0.424451	-2.35599	3.59819	15.2871	3.77651	1
cg20751361	ITGA9	0.00230172	0.0259871	0.613651	-1.62959	0.639986	0.916632	-1.09095	0.395346	0.851412	-1.17452	0.445674	1.15449	1.15449	0.728142	0.937551	-1.06661	3.78E-05	4.31413	4.31413	0.737247	0.939673	-1.0642	0.937893	1.0145	1.0145	0.732671	1.06541	1.06541	9.25397	5.00477	0.480733	1
cg25870420	ITGA9	0.00391465	?	?	?	0.337113	1.31278	1.31278	0.219703	1.42604	1.42604	0.0297916	0.495	-2.0202	0.213796	0.697698	-1.43328	0.00017856	5.72976	5.72976	0.0371221	1.94547	1.94547	0.159704	1.51159	1.51159	0.473741	1.22185	1.22185	8.07648	8.59822	1.0646	1
cg15872437	ITGA9	0.0114893	0.0171539	0.448891	-2.22771	0.782728	1.07921	1.07921	0.16058	0.661447	-1.51184	0.000981282	0.25886	-3.8631	0.173167	0.67053	-1.49136	0.958663	1.0144	1.0144	0.0793097	1.71112	1.71112	0.721377	1.10378	1.10378	0.0144117	0.435338	-2.29707	5.65256	6.80752	1.07051	1
cg15952045	ITGA9	0.0187544	0.0164426	0.307708	-3.24983	0.00779766	0.253278	-3.94823	0.0195235	0.321493	-3.11049	0.711198	0.861126	-1.16127	0.0246726	0.341127	-2.93146	0.00679704	0.244139	-4.09603	0.0359822	0.37503	-2.66645	0.676097	1.18403	1.18403	0.0574035	0.421434	-2.37285	4.80815	12.3083	2.27544	1
cg16566353	ITGA9	0.0313721	0.188592	0.673787	-1.48415	0.00433777	0.339418	-2.94622	0.931287	1.02475	1.02475	0.0147379	2.34142	2.34142	0.744966	0.911636	-1.09693	0.969491	1.0109	1.0109	0.0647559	1.80033	1.80033	0.516081	0.829745	-1.20519	0.521339	0.831735	-1.20231	4.02227	5.11804	1.13104	1
cg08821998	ITGA9	0.037011	0.0334181	0.342757	-2.91752	0.00559907	0.208653	-4.79265	0.035389	0.348066	-2.87302	0.578133	0.785049	-1.27381	0.087826	0.444136	-2.25156	0.0443414	0.369733	-2.70466	0.0111499	0.253985	-3.93724	0.0948325	0.453463	-2.20525	0.0959409	0.454894	-2.19831	3.78945	11.138	2.61263	1
cg13071386	ITGA9	0.0491277	0.167896	0.563957	-1.77319	0.0856066	0.476878	-2.09697	0.736456	0.876657	-1.1407	0.189555	0.581841	-1.71868	0.177596	0.572136	-1.74784	0.42886	1.36992	1.36992	0.00384332	0.219081	-4.56452	0.0454971	0.409066	-2.44459	0.0286509	0.365654	-2.73482	3.41085	8.20456	2.13816	1
cg10174031	ITGAD	0.000117265	0.00947201	1.616	1.616	0.104498	1.29571	1.29571	1.51E-05	0.270073	-3.7027	0.81362	0.966109	-1.03508	0.327877	1.15886	1.15886	0.893117	0.980566	-1.01982	0.0772309	1.33215	1.33215	0.000129935	0.37894	-2.63894	0.000628811	0.464272	-2.15391	21.2159	7.16119	0.300035	1
cg07228987	ITGAD	0.00377637	0.0213267	1.64624	1.64624	0.0207025	1.6518	1.6518	0.00663182	0.530012	-1.88675	0.0338576	0.639965	-1.56259	0.638989	1.08886	1.08886	0.189633	0.778554	-1.28443	0.0290909	0.629144	-1.58946	0.00799257	0.542008	-1.84499	0.00565275	0.519842	-1.92366	7.98963	4.10751	0.456982	1
cg05838289	ITGAD	0.0110085	0.777471	0.943038	-1.0604	0.140794	1.38808	1.38808	0.000548278	0.329174	-3.0379	0.137994	1.3918	1.3918	0.645916	0.908684	-1.10049	0.159167	1.3654	1.3654	0.733493	1.0733	1.0733	0.0225935	0.568256	-1.75977	0.369918	0.826467	-1.20997	5.73109	3.88897	0.603177	1
cg05799962	ITGAD	0.0212262	0.151996	0.718383	-1.39201	0.612816	1.11626	1.11626	0.153518	0.719387	-1.39007	0.466481	0.85239	-1.17317	0.00256132	0.405966	-2.46326	0.25201	0.772674	-1.29421	0.00179108	0.383777	-2.60568	0.681734	0.914965	-1.09294	0.0665572	0.641857	-1.55798	4.61012	3.39147	0.653917	1
cg03087622	ITGAD	0.0441261	0.373523	0.84774	-1.17961	0.00999145	0.555348	-1.80067	0.120177	0.737254	-1.35638	0.815332	1.04321	1.04321	0.921545	0.982345	-1.01797	0.350167	0.840391	-1.18992	0.0347138	1.56072	1.56072	0.0166879	0.589553	-1.6962	0.990169	1.00223	1.00223	3.55147	1.83907	0.460297	1
cg26767387	ITGAD	0.0498616	0.0572884	0.464826	-2.15134	0.0605731	2.12495	2.12495	0.0217128	0.374713	-2.66871	0.257215	0.656243	-1.52382	0.052479	0.455894	-2.19349	0.840246	0.930625	-1.07455	0.708322	1.14325	1.14325	0.0292988	0.400659	-2.49589	0.267343	0.662567	-1.50928	3.3917	6.8167	1.7865	1
cg11239575	ITGAE	0.00091726	0.13516	0.694358	-1.44018	3.91E-05	0.168077	-5.94965	0.00271016	0.391333	-2.55537	0.145821	0.702103	-1.42429	0.000227268	0.249603	-4.00637	0.281791	0.776205	-1.28832	0.0752617	0.638523	-1.56612	0.576448	0.880018	-1.13634	0.0274355	0.553867	-1.80549	12.0578	9.79625	0.722169	1
cg09029409	ITGAE	0.00173179	0.410374	0.860222	-1.16249	0.000135285	3.26058	3.26058	0.417962	0.862406	-1.15955	0.91886	0.981941	-1.01839	0.0006857	0.395571	-2.52799	0.346629	1.18926	1.18926	0.768724	0.948632	-1.05415	0.0788049	1.41778	1.41778	0.84225	1.03628	1.03628	10.0537	5.09309	0.450301	1
cg19514148	ITGAE	0.00683784	0.195623	0.792145	-1.2624	0.545128	0.900991	-1.10989	0.208307	0.797842	-1.25338	0.990451	1.00204	1.00204	0.989338	0.997728	-1.00228	0.000184805	0.341175	-2.93105	0.0153217	1.65993	1.65993	0.783263	0.954141	-1.04806	0.658789	1.0786	1.0786	6.6636	3.05902	0.408057	1
cg00460916	ITGAE	0.0130075	0.0334408	2.05261	2.05261	0.00320478	3.20342	3.20342	0.152052	0.641454	-1.55896	0.342987	1.32671	1.32671	0.0950654	0.588147	-1.70026	0.950101	0.982053	-1.01827	0.133494	1.59735	1.59735	0.00811161	2.6668	2.6668	0.0440657	1.9532	1.9532	5.42913	7.2001	1.17884	1
cg06390790	ITGAE	0.03154	0.667157	0.820039	-1.21945	0.0632603	0.383689	-2.60628	0.0245985	0.292987	-3.41312	0.810233	1.11663	1.11663	0.00422432	0.172643	-5.7923	0.612479	1.26395	1.26395	0.670971	1.21648	1.21648	0.026204	0.298362	-3.35163	0.0354014	0.325196	-3.07507	4.01461	13.3709	2.9605	1
cg02225720	ITGAE	0.0428863	0.174101	0.720592	-1.38775	0.228292	0.750829	-1.33186	0.00904932	0.471484	-2.12096	0.0331735	0.568741	-1.75827	0.0334691	0.569454	-1.75607	0.23953	0.756443	-1.32198	0.298306	0.783228	-1.27677	0.542438	1.14997	1.14997	0.00794549	0.462407	-2.1626	3.58939	2.91981	0.723073	1
cg25189247	ITGAE	0.0467887	0.0253849	6.79627	6.79627	0.0074911	11.9721	11.9721	0.155366	2.99358	2.99358	0.195097	2.68671	2.68671	0.152129	3.02329	3.02329	0.840486	0.864733	-1.15643	0.439961	0.566662	-1.76472	0.0171069	8.13375	8.13375	0.108507	3.53447	3.53447	3.47431	28.6182	7.32187	1
cg00463732	ITGAE	0.0497146	0.0240275	0.501982	-1.9921	0.268096	0.74427	-1.3436	0.285474	0.75274	-1.32848	0.852283	1.04888	1.04888	0.00164208	0.315297	-3.17161	0.267382	0.743914	-1.34424	0.112764	0.642755	-1.5558	0.636407	0.885219	-1.12966	0.163911	0.683636	-1.46277	3.39551	3.52531	0.922869	1
cg23979544	ITGAE;GSG2	0.000777247	0.450982	1.28864	1.28864	0.304061	1.42239	1.42239	0.0471783	0.465897	-2.1464	0.172091	0.616814	-1.62123	0.147745	0.596354	-1.67686	0.000169536	0.0998421	-10.0158	0.00706427	3.30326	3.30326	0.0018863	4.64785	4.64785	0.00233852	4.38278	4.38278	15.5064	26.0603	1.30715	1
cg19585196	ITGAE;GSG2	0.00158857	2.92E-05	2.18786	2.18786	0.289237	1.11081	1.11081	0.0141017	1.33567	1.33567	0.984724	1.00183	1.00183	0.0506633	1.23705	1.23705	0.120993	1.17425	1.17425	0.166732	0.868631	-1.15124	0.243131	0.889872	-1.12376	0.217488	1.13195	1.13195	10.3077	1.4898	0.128473	1
cg18755191	ITGAE;GSG2	0.00490497	0.88294	0.940851	-1.06287	0.107963	2.06636	2.06636	0.270989	1.60681	1.60681	0.000287003	0.0863159	-11.5853	0.756604	1.1373	1.1373	0.125246	0.503245	-1.9871	?	?	?	0.132676	1.95697	1.95697	0.019422	0.310552	-3.22007	7.54018	18.1776	2.41077	1
cg09136551	ITGAE;GSG2	0.00893127	0.502212	1.08858	1.08858	0.885162	0.98215	-1.01817	0.0953259	0.795821	-1.25656	0.900443	1.01572	1.01572	0.281404	0.869774	-1.14972	0.0817148	0.786287	-1.2718	0.000301661	0.48079	-2.07991	0.0315994	1.36904	1.36904	0.917569	1.01299	1.01299	6.12726	1.50724	0.218658	1
cg01704226	ITGAE;GSG2;GSG2	0.00590125	0.542919	1.1201	1.1201	0.193396	0.772893	-1.29384	0.457989	1.14969	1.14969	0.0105398	0.524996	-1.90478	0.0132275	0.542689	-1.84268	0.081872	0.692661	-1.44371	0.00024075	0.255353	-3.91615	0.0156298	0.555794	-1.79923	0.327314	0.828977	-1.20631	9.76262	4.95131	0.338114	1
cg14268120	ITGAE;GSG2;GSG2	0.0421001	0.00558542	0.127498	-7.84327	0.737977	0.826949	-1.20926	0.519948	0.691336	-1.44647	0.361648	0.588202	-1.7001	0.0534393	0.288938	-3.46095	0.961962	0.97337	-1.02736	0.00512328	0.123333	-8.10811	0.804151	0.868823	-1.15098	0.0457965	0.273685	-3.65384	3.61413	18.3335	4.50909	1
cg06972908	ITGAL;ITGAL	5.27E-07	1.62E-05	0.234654	-4.26159	0.0103425	0.590423	-1.6937	0.70566	1.06385	1.06385	4.89E-06	0.182422	-5.4818	1.17E-07	0.0630076	-15.8711	1.24E-06	0.13026	-7.67695	1.85E-07	0.0737602	-13.5575	3.04E-06	0.163332	-6.12251	0.000421435	0.4019	-2.48818	86.3444	36.3876	0.374599	1
cg16391678	ITGAL;ITGAL	0.00172721	0.214611	1.58874	1.58874	0.00219123	4.58216	4.58216	0.291488	1.47383	1.47383	0.320117	1.43914	1.43914	0.00921868	0.309969	-3.22613	0.00123455	0.187534	-5.33238	0.0300184	0.404763	-2.47058	0.567277	1.2274	1.2274	0.00463744	3.79826	3.79826	10.0614	20.009	1.76772	1
cg16519923	ITGAL;ITGAL	0.00179815	0.334897	1.22758	1.22758	0.191595	1.32984	1.32984	0.0699952	1.51849	1.51849	0.000360421	3.25353	3.25353	0.00307631	0.433652	-2.30599	0.0625166	0.649063	-1.54068	0.113566	0.701164	-1.4262	0.0711627	1.51527	1.51527	0.0084109	2.00166	2.00166	9.94475	6.69603	0.59851	1
cg06235438	ITGAL;ITGAL	0.00227105	0.00594392	0.414048	-2.41518	0.00900189	0.443055	-2.25706	0.296328	0.766876	-1.30399	0.019156	2.00337	2.00337	0.000331669	0.241688	-4.13757	0.0151162	0.481062	-2.07873	0.25283	1.34013	1.34013	0.265956	1.32862	1.32862	0.800855	0.939925	-1.06391	9.29042	8.84088	0.845877	1
cg04716530	ITGAL;ITGAL	0.021041	0.0470148	3.56007	3.56007	0.00347188	9.16872	9.16872	0.206164	2.10611	2.10611	0.0814529	2.94092	2.94092	0.89747	1.07467	1.07467	0.144593	0.416744	-2.39956	0.259784	0.518604	-1.92825	0.0732478	3.05195	3.05195	0.0159071	5.20325	5.20325	4.62395	22.8484	4.39228	1
cg00820171	ITGAM;ITGAM	0.000187571	0.0685212	0.638515	-1.56613	0.00736481	0.467758	-2.13786	0.057764	0.623764	-1.60317	0.382078	1.218	1.218	0.000208263	0.255254	-3.91767	0.0345993	0.58156	-1.71951	4.69E-06	0.0995009	-10.0502	0.00181516	0.37704	-2.65224	0.0285041	0.566298	-1.76585	18.6934	14.3289	0.681353	1
cg15337006	ITGAM;ITGAM	0.00188171	0.119555	0.752691	-1.32857	0.169109	0.781601	-1.27943	0.000109708	0.318071	-3.14395	0.0161742	0.609659	-1.64026	0.614138	0.918045	-1.08927	0.985485	1.00306	1.00306	0.0149268	1.65446	1.65446	0.276828	1.20954	1.20954	0.00535908	0.539642	-1.85308	9.81446	4.39749	0.398277	1
cg10371560	ITGAM;ITGAM	0.00209058	0.0581195	0.744925	-1.34242	0.044444	0.728055	-1.37352	0.00079217	0.498026	-2.00793	0.798428	1.03581	1.03581	0.688939	1.05689	1.05689	0.0029458	0.570409	-1.75313	0.819853	1.03186	1.03186	0.000175296	0.416775	-2.39938	0.822867	0.969641	-1.03131	9.51815	2.85006	0.266164	1
cg02846316	ITGAM;ITGAM	0.00259213	0.756949	1.05309	1.05309	0.0102916	1.71384	1.71384	0.00103983	0.445278	-2.24579	0.00542869	0.543577	-1.83967	0.349607	0.851782	-1.17401	0.367742	0.85714	-1.16667	0.000743315	0.426056	-2.34711	0.0867362	0.729633	-1.37055	0.737751	0.945548	-1.05759	8.93628	3.929	0.390816	1
cg09736526	ITGAM;ITGAM	0.00273651	0.0041138	0.477517	-2.09417	0.0134881	0.555793	-1.79923	0.0199859	0.583189	-1.71471	0.289672	1.235	1.235	0.361667	1.19731	1.19731	0.776002	1.05632	1.05632	0.000311262	0.325218	-3.07487	0.00338248	0.465159	-2.1498	0.464144	0.866673	-1.15384	8.79442	5.13734	0.519252	1
cg08050115	ITGAM;ITGAM	0.0161183	0.0021098	6.256	6.256	0.631033	1.22781	1.22781	0.0178956	3.38887	3.38887	0.00563595	4.66879	4.66879	0.807387	1.10915	1.10915	0.447333	1.38883	1.38883	0.639942	1.22117	1.22117	0.0159385	3.49646	3.49646	0.0222694	3.19595	3.19595	5.05858	14.4107	2.53224	1
cg03783948	ITGAM;ITGAM	0.0164347	0.430526	0.897673	-1.11399	0.182707	0.827199	-1.2089	0.0667009	0.758942	-1.31762	0.781283	1.03805	1.03805	0.257138	1.17195	1.17195	0.0868974	0.775955	-1.28873	0.00245863	1.75967	1.75967	0.0144959	0.667571	-1.49797	0.493808	0.910986	-1.09771	5.02592	1.43276	0.253399	1
cg00764981	ITGAM;ITGAM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07909265	ITGAV;ITGAV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26394221	ITGAV;ITGAV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22208448	ITGAV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08241323	ITGAV;ITGAV;ITGAV;ITGAV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01486260	ITGAX	4.88E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09259710	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01937932	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05644767	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01878991	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01222047	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01888869	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08845171	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05059438	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02264895	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11884546	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04742550	ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26233914	ITGAX;ITGAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27645750	ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09624923	ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06538549	ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27238079	ITGB1;ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09476325	ITGB1;ITGB1;ITGB1;ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00978519	ITGB1;ITGB1;ITGB1;ITGB1;ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00214688	ITGB1;ITGB1;ITGB1;ITGB1;ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11582476	ITGB1;ITGB1;ITGB1;ITGB1;ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13556387	ITGB1;ITGB1;ITGB1;ITGB1;ITGB1;ITGB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20093808	ITGB1BP1;CPSF3;ITGB1BP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08100159	ITGB1BP1;ITGB1BP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26306976	ITGB1BP1;ITGB1BP1;CPSF3	0.0316419	0.00384129	0.154916	-6.4551	0.99127	0.994777	-1.00525	0.352265	0.632448	-1.58116	0.698887	1.20448	1.20448	0.187493	0.512433	-1.95148
cg08937729	ITGB1BP1;ITGB1BP1;CPSF3	0.0341304	0.796124	0.955625	-1.04644	0.388087	1.16775	1.16775	0.439807	1.14811	1.14811	0.971764	0.993814	-1.00622	0.325306	1.19489	1.19489
cg20361001	ITGB1BP1;ITGB1BP1;ITGB1BP1;ITGB1BP1;CPSF3	0.0181691	0.89125	1.03109	1.03109	0.0712153	0.637023	-1.5698	0.250939	0.76457	-1.30792	0.248996	0.763651	-1.3095	0.848652	1.04368	1.04368
cg10155200	ITGB1BP2;BCYRN1	2.35E-05	0.0005554	0.459701	-2.17533	3.33E-05	0.311056	-3.21485	5.18E-05	0.333459	-2.99887	2.40E-05	0.294739	-3.39284	3.55E-06	0.206194	-4.84979
cg07004932	ITGB1BP2;BCYRN1	0.000580517	0.136975	1.39468	1.39468	0.0260005	0.577699	-1.73101	0.818487	1.04889	1.04889	0.678054	0.916962	-1.09056	0.0171483	0.547041	-1.82802
cg23717696	ITGB1BP2;BCYRN1	0.000634286	0.315858	1.44457	1.44457	0.339327	1.41807	1.41807	0.00999724	0.31552	-3.16937	0.000522294	0.146868	-6.80884	0.000309978	0.125469	-7.97011
cg15235711	ITGB1BP2;BCYRN1	0.00159727	0.0073028	0.463433	-2.15781	0.000135094	0.230035	-4.34717	0.0178233	0.527099	-1.89718	0.20653	0.743638	-1.34474	0.0125914	0.501682	-1.99329
cg06036585	ITGB1BP2;BCYRN1	0.00866124	0.151115	1.64601	1.64601	0.175103	0.626787	-1.59544	0.414059	0.763018	-1.31058	0.618872	0.850059	-1.17639	0.00735989	0.32663	-3.06157
cg04790137	ITGB1BP2;BCYRN1	0.0173225	0.584573	0.84198	-1.18768	0.05113	0.50058	-1.99768	0.155178	0.622563	-1.60626	0.0820837	0.548728	-1.8224	0.00102745	0.219659	-4.55252
cg10587989	ITGB1BP2;BCYRN1	0.0258151	0.170055	1.76149	1.76149	0.0837806	0.476457	-2.09882	0.0450812	0.410313	-2.43716	0.952189	1.0235	1.0235	0.0388803	0.395956	-2.52553
cg12391921	ITGB1BP2;BCYRN1;ITGB1BP2	0.00107293	0.798195	0.945496	-1.05765	0.0849499	0.65923	-1.51692	0.0121673	0.50484	-1.98082	0.0476257	0.60926	-1.64133	0.000293996	0.275189	-3.63386
cg23667541	ITGB1BP3	2.64E-06	1.18E-06	0.230968	-4.3296	0.0024511	0.611857	-1.63437	0.00178085	0.595437	-1.67944	0.124602	1.21386	1.21386	0.480109	0.919734	-1.08727
cg15452319	ITGB1BP3	2.37E-05	2.28E-05	0.140283	-7.12845	0.0353878	0.566959	-1.7638	0.0150816	0.500656	-1.99738	0.000304656	0.256887	-3.89276	2.13E-06	0.06747	-14.8214
cg22048922	ITGB1BP3	3.58E-05	0.562493	0.907805	-1.10156	0.00417747	0.530459	-1.88516	1.88E-05	0.23742	-4.21195	0.000271623	0.373092	-2.6803	3.60E-06	0.166173	-6.01782
cg20736028	ITGB1BP3	0.00035635	0.362596	1.29259	1.29259	0.001345	0.278702	-3.58806	0.0585799	0.556533	-1.79684	0.93389	1.02302	1.02302	1.99E-05	0.0934907	-10.6963
cg24428653	ITGB1BP3	0.00790172	0.374793	0.603773	-1.65625	0.122408	0.395657	-2.52744	0.00328876	0.108795	-9.19162	0.288959	1.83986	1.83986	0.00427379	0.120378	-8.30716
cg10962535	ITGB1BP3	0.0153795	0.449186	1.12188	1.12188	0.00350943	1.80484	1.80484	0.726125	0.948905	-1.05385	0.349662	0.866258	-1.15439	0.0949537	1.31476	1.31476
cg17340492	ITGB1BP3	0.0179325	0.108224	0.874272	-1.14381	0.131295	0.882569	-1.13306	0.378068	1.07181	1.07181	0.137551	1.13046	1.13046	0.0532342	0.845023	-1.1834
cg00590912	ITGB1BP3	0.0203558	0.206325	0.755168	-1.32421	0.061815	0.642046	-1.55752	0.084129	0.668588	-1.49569	0.31635	0.803937	-1.24388	0.00447647	0.449993	-2.22226
cg27601582	ITGB1BP3	0.0462561	0.15725	0.796702	-1.25517	0.11543	1.29325	1.29325	0.214292	0.821638	-1.21708	0.979529	0.996152	-1.00386	0.394951	1.13987	1.13987
cg18822363	ITGB1BP3	0.0474969	0.0154197	0.317417	-3.15043	0.0125563	0.301664	-3.31495	0.0375832	0.394047	-2.53777	0.220124	0.607919	-1.64496	0.0822515	0.475599	-2.10261
cg20556503	ITGB2	3.33E-05	0.114262	0.735306	-1.35998	0.174165	0.772025	-1.29529	1.09E-05	0.187007	-5.34738	0.732243	1.0634	1.0634	1.04E-05	0.18473	-5.4133
cg11712386	ITGB2	5.16E-05	0.153753	0.770826	-1.29731	2.97E-05	0.248168	-4.02953	7.15E-06	0.184466	-5.42106	0.277004	1.21252	1.21252	6.14E-05	0.28364	-3.5256
cg21006727	ITGB2	0.000167738	0.0168418	0.477708	-2.09333	0.00104715	0.292678	-3.41672	0.00226752	0.338965	-2.95016	0.000399983	0.240073	-4.1654	0.000231371	0.212632	-4.70296
cg08309251	ITGB2	0.0156263	0.0113774	0.198941	-5.02661	0.101531	0.401032	-2.49357	0.0931838	0.39013	-2.56325	0.070058	0.356199	-2.80742	0.0982539	0.396822	-2.52002
cg17039369	ITGB2;ITGB2	0.000370866	0.234637	0.74254	-1.34673	0.0602554	0.602678	-1.65926	6.03E-05	0.170136	-5.87766	0.00217111	0.357707	-2.79558	3.26E-05	0.145242	-6.88508
cg13315706	ITGB2;ITGB2	0.000385	0.995178	0.998645	-1.00136	0.00214478	0.380127	-2.6307	8.99E-05	0.207655	-4.81567	0.00179274	0.369061	-2.70958	0.00101491	0.334987	-2.98519
cg13071345	ITGB2;ITGB2	0.00055746	9.60E-05	0.244681	-4.08695	0.106956	0.699829	-1.42892	0.00120652	0.382294	-2.61579	0.00159401	0.398993	-2.50631	0.00918253	0.511244	-1.95601
cg06654697	ITGB2;ITGB2	0.000824112	0.222202	1.19135	1.19135	0.00301805	0.574145	-1.74172	4.94E-05	0.353352	-2.83004	0.00385517	0.587776	-1.70133	0.00455485	0.597099	-1.67476
cg19221500	ITGB2;ITGB2	0.00131767	0.363934	0.805423	-1.24158	0.380819	1.23181	1.23181	0.000304523	0.256425	-3.89978	0.409135	1.21627	1.21627	0.466625	0.842138	-1.18745
cg01167274	ITGB2;ITGB2	0.00172538	0.268081	0.716636	-1.39541	0.372391	0.767589	-1.30278	0.000826753	0.233524	-4.28222	0.863054	1.05113	1.05113	0.00103187	0.245563	-4.07228
cg24815934	ITGB2;ITGB2	0.00246684	0.203992	0.7768	-1.28733	0.224773	0.786448	-1.27154	0.000234584	0.316916	-3.15541	0.014963	0.569122	-1.75709	0.0167355	0.576582	-1.73361
cg24707889	ITGB2;ITGB2	0.00348089	0.00013544	0.141337	-7.07531	0.174912	0.652298	-1.53304	0.00594014	0.344601	-2.90191	0.0102019	0.383206	-2.60956	0.00850471	0.369904	-2.70341
cg08422803	ITGB2;ITGB2	0.00461505	0.580746	0.836825	-1.19499	0.295777	0.707356	-1.41371	0.000362251	0.161095	-6.20752	0.00108342	0.214276	-4.66688	0.550218	0.824456	-1.21292
cg04321224	ITGB2;ITGB2	0.00659891	0.00118225	0.229443	-4.35839	0.010737	0.370784	-2.69699	0.0555897	0.511024	-1.95686	0.872464	1.05098	1.05098	0.909113	0.965275	-1.03597
cg22699620	ITGB2;ITGB2	0.00749363	0.00701491	0.157048	-6.3675	0.00251254	0.107691	-9.28584	0.00900768	0.171477	-5.8317	0.127457	0.416772	-2.39939	0.0223533	0.233751	-4.27806
cg07274406	ITGB2;ITGB2	0.00963792	0.315077	0.765533	-1.30628	0.59357	0.870625	-1.1486	0.000431397	0.238789	-4.18779	0.261938	0.740178	-1.35103	0.268142	0.743296	-1.34536
cg05742728	ITGB2;ITGB2	0.011439	0.032566	0.573652	-1.74322	0.341688	1.24315	1.24315	0.0140392	0.509819	-1.96148	0.015309	0.516137	-1.93747	0.493694	0.856919	-1.16697
cg03013554	ITGB2;ITGB2	0.0133041	0.3808	0.822132	-1.21635	0.201053	0.745134	-1.34204	0.00303359	0.412718	-2.42296	0.480765	0.855435	-1.169	0.0481277	0.611336	-1.63576
cg10825839	ITGB2;ITGB2	0.014557	0.149451	0.690158	-1.44894	0.0866531	1.57468	1.57468	0.00151367	0.334126	-2.99288	0.23855	0.743656	-1.34471	0.0186887	0.504669	-1.9815
cg09917223	ITGB2;ITGB2	0.0228099	0.19245	0.484016	-2.06605	0.0233508	0.240431	-4.1592	0.00661744	0.156574	-6.38674	0.103969	0.392546	-2.54747	0.309944	0.575422	-1.73785
cg04443870	ITGB2;ITGB2	0.0332502	0.973774	1.00577	1.00577	0.571642	0.904778	-1.10524	0.00178232	0.459072	-2.17831	0.819958	1.04072	1.04072	0.0587852	0.688199	-1.45307
cg08624445	ITGB2;ITGB2	0.0390413	0.0934719	0.627519	-1.59358	0.845685	0.951975	-1.05045	0.0180222	0.483967	-2.06625	0.20281	1.40438	1.40438	0.0120833	0.453672	-2.20424
cg02117924	ITGB2;ITGB2	0.0408171	0.655847	1.12281	1.12281	0.0658738	0.586888	-1.7039	0.29721	0.756478	-1.32192	0.330658	1.29591	1.29591	0.00756808	0.411808	-2.42831
cg24167037	ITGB2;ITGB2;ITGB2	9.49E-05	0.000582112	0.370916	-2.69603	0.00553837	0.506785	-1.97322	2.76E-05	0.214284	-4.6667	0.268657	0.806684	-1.23964	0.00164095	0.431411	-2.31798
cg03150042	ITGB2;ITGB2;ITGB2	0.000224212	0.0171959	1.76261	1.76261	0.00171645	0.417393	-2.39582	0.113725	0.714632	-1.39932	0.0253683	0.595182	-1.68016	0.0025722	0.442173	-2.26156
cg09829580	ITGB2;ITGB2;ITGB2	0.00422896	0.514657	0.844964	-1.18348	0.459058	0.825137	-1.21192	0.00022841	0.209897	-4.76424	0.0182283	0.481567	-2.07655	0.016187	0.472385	-2.11692
cg12537162	ITGB3	0.000127136	0.00625462	0.579239	-1.7264	0.000165994	0.374093	-2.67313	0.00443524	0.55885	-1.78939	0.444911	0.887498	-1.12676	1.05E-05	0.236096	-4.23556
cg17185639	ITGB3	0.00301797	0.404748	1.2508	1.2508	0.0253958	0.49784	-2.00868	0.00158245	0.304024	-3.28922	0.0572378	1.75887	1.75887	0.000240752	0.202916	-4.92815
cg06577593	ITGB3	0.00635994	0.51523	0.907552	-1.10187	0.00815323	0.607847	-1.64515	0.304498	1.16922	1.16922	0.0813129	0.752709	-1.32854	0.0854006	0.756116	-1.32255
cg06568783	ITGB3	0.0141493	0.342492	0.796687	-1.2552	0.605828	1.1286	1.1286	0.635358	0.894923	-1.11741	0.498274	0.852333	-1.17325	0.000366154	0.265382	-3.76815
cg26176717	ITGB3	0.0256976	0.6866	0.860172	-1.16256	0.332959	0.690134	-1.44899	0.920821	1.03761	1.03761	0.0137075	0.322436	-3.10139	0.0387057	0.411051	-2.43279
cg21288861	ITGB3	0.0440958	0.891972	1.01639	1.01639	0.733635	0.95995	-1.04172	0.857977	0.978793	-1.02167	0.00754377	1.5089	1.5089	0.00496142	0.640731	-1.56072
cg19767339	ITGB3BP	0.00510299	0.144695	0.674877	-1.48175	0.0456383	0.562563	-1.77758	0.767682	0.928339	-1.07719	0.194923	0.708828	-1.41078	0.0612719	0.589003	-1.69778
cg17903549	ITGB3BP;EFCAB7	0.0186674	0.0710006	0.640832	-1.56047	0.0096088	2.06109	2.06109	0.00191013	2.63756	2.63756	0.942482	0.984207	-1.01605	0.301945	0.789832	-1.26609
cg07160589	ITGB3BP;EFCAB7	0.0288054	0.69138	1.14444	1.14444	0.605209	1.19282	1.19282	0.0495405	2.13328	2.13328	0.0602104	0.488365	-2.04765	0.193738	0.628168	-1.59193
cg20683799	ITGB3BP;EFCAB7;EFCAB7	0.000417521	0.078629	1.11686	1.11686	4.78E-05	0.64839	-1.54228	0.00469878	0.808496	-1.23686	0.661144	0.975352	-1.02527	0.00132766	1.30229	1.30229
cg23641677	ITGB3BP;EFCAB7;EFCAB7	0.00359537	0.00803932	4.25937	4.25937	0.972235	1.01496	1.01496	0.441388	1.39798	1.39798	0.717761	0.856493	-1.16755	8.79E-05	0.0497997	-20.0805
cg12146151	ITGB4;ITGB4	0.0109798	0.0290308	0.52102	-1.91931	0.0566589	1.72737	1.72737	0.704274	1.10144	1.10144	0.102125	0.635544	-1.57346	0.00763929	0.419426	-2.38421
cg24079672	ITGB4;ITGB4;ITGB4	8.77E-05	0.000773106	0.243111	-4.11335	0.139584	0.64289	-1.55548	0.000767059	0.242688	-4.12052	0.00010226	0.147845	-6.76385	2.77E-05	0.100768	-9.92381
cg19159842	ITGB4;ITGB4;ITGB4	0.000175827	0.246801	0.830027	-1.20478	0.000127366	0.358635	-2.78835	0.000174005	0.375234	-2.665	0.000472973	0.429693	-2.32724	0.000201885	0.38321	-2.60954
cg21850852	ITGB4;ITGB4;ITGB4	0.000385367	0.745438	0.968921	-1.03208	2.81E-05	2.22217	2.22217	0.000960065	1.61065	1.61065	0.580114	1.05565	1.05565	0.234108	1.1285	1.1285
cg16916914	ITGB4;ITGB4;ITGB4	0.000627783	0.101393	0.595043	-1.68055	4.18E-05	9.56233	9.56233	0.0179928	2.29771	2.29771	0.0107288	2.52944	2.52944	0.00183562	3.59969	3.59969
cg24037380	ITGB4;ITGB4;ITGB4	0.000799726	0.79867	0.932622	-1.07225	0.110981	0.622579	-1.60622	0.000468346	0.222951	-4.48528	0.00334013	0.336204	-2.97438	0.900937	1.03457	1.03457
cg14601050	ITGB4;ITGB4;ITGB4	0.0011339	0.0252894	1.4811	1.4811	0.00104721	2.04688	2.04688	0.00496751	1.73194	1.73194	0.012345	0.631227	-1.58422	0.0284563	0.682578	-1.46503
cg18326022	ITGB4;ITGB4;ITGB4	0.00243563	0.70632	0.957998	-1.04384	0.785307	1.03144	1.03144	0.08081	0.802939	-1.24542	0.0122173	0.701943	-1.42462	0.0873954	0.807419	-1.23851
cg20667796	ITGB4;ITGB4;ITGB4	0.00282914	0.00175555	0.348234	-2.87163	0.883284	0.96584	-1.03537	0.00815203	0.448778	-2.22827	0.147664	0.692434	-1.44418	0.00020188	0.228714	-4.37227
cg08668997	ITGB4;ITGB4;ITGB4	0.00516145	0.109409	0.773665	-1.29255	0.478154	1.11184	1.11184	0.0982356	0.765956	-1.30556	0.453029	1.11894	1.11894	0.164711	0.804187	-1.24349
cg10869669	ITGB4;ITGB4;ITGB4	0.00648355	0.094246	0.60638	-1.64913	0.022128	0.474244	-2.10862	0.0399085	0.524228	-1.90757	0.0921426	0.604043	-1.65551	0.0199278	0.4658	-2.14684
cg11025757	ITGB4;ITGB4;ITGB4	0.0134829	0.793886	0.944928	-1.05828	0.00189678	0.385898	-2.59136	0.956903	1.01176	1.01176	0.070766	0.646092	-1.54777	0.523206	1.15025	1.15025
cg18566702	ITGB4;ITGB4;ITGB4	0.0298994	0.266385	0.716926	-1.39485	0.183435	0.666583	-1.50019	0.0572207	0.538907	-1.85561	0.495018	0.819458	-1.22032	0.00357988	0.321806	-3.10747
cg03601229	ITGB4;ITGB4;ITGB4	0.0365989	0.00592815	0.553614	-1.80631	0.558726	0.907421	-1.10202	0.011448	0.594615	-1.68176	0.141514	0.771261	-1.29658	0.0101966	0.587307	-1.70269
cg27346988	ITGB4;ITGB4;ITGB4	0.0401445	0.147493	0.74408	-1.34394	0.660884	0.919463	-1.08759	0.30743	0.81795	-1.22257	0.235001	0.789188	-1.26713	0.000657996	0.370588	-2.69842
cg10231126	ITGB4;ITGB4;ITGB4	0.042278	0.0870114	0.660715	-1.51351	0.243718	0.76531	-1.30666	0.74095	1.07546	1.07546	0.955617	0.987869	-1.01228	0.0979714	0.671613	-1.48895
cg26314765	ITGB4;ITGB4;ITGB4	0.0469738	0.220901	0.358978	-2.78568	0.576391	0.638059	-1.56725	0.217393	0.355892	-2.80984	0.311018	0.43411	-2.30356	0.109803	0.249636	-4.00583
cg23913400	ITGB4;ITGB4;ITGB4;ITGB4	0.00305025	0.725671	0.950495	-1.05208	0.889242	1.02028	1.02028	0.157796	0.804396	-1.24317	0.28522	0.852167	-1.17348	0.453247	0.895732	-1.11641
cg09513209	ITGB4;ITGB4;ITGB4;ITGB4	0.0115091	0.505381	0.722531	-1.38402	0.723707	0.843089	-1.18612	0.845616	1.09828	1.09828	0.346945	0.627679	-1.59317	0.000135999	0.0417739	-23.9384
cg17646499	ITGB5	0.00153515	0.00393885	0.173176	-5.77448	9.02E-05	0.0421793	-23.7083	0.032726	0.323205	-3.09401	0.0797136	0.415147	-2.40879	0.00476666	0.183788	-5.44105
cg07249742	ITGB5	0.00200192	0.00235784	0.185966	-5.37734	0.000308115	0.0980169	-10.2023	0.0255954	0.349379	-2.86222	0.237207	0.612008	-1.63397	0.00252972	0.189745	-5.27023
cg03518058	ITGB5	0.00266062	0.73357	1.10793	1.10793	0.000371186	5.52278	5.52278	0.390159	1.30234	1.30234	0.00195759	3.71878	3.71878	0.194087	0.662219	-1.51008
cg05062178	ITGB5	0.00566304	0.0308192	0.691707	-1.4457	0.56371	1.08854	1.08854	0.0531631	1.37619	1.37619	0.0213187	0.668861	-1.49508	0.00597821	0.593163	-1.68588
cg00589181	ITGB5	0.00605553	0.0015148	0.477197	-2.09557	0.747618	1.05367	1.05367	0.379425	0.864139	-1.15722	0.0697889	0.720093	-1.38871	0.00953576	0.58761	-1.70181
cg15119377	ITGB5	0.0187271	0.0647381	0.606046	-1.65004	0.355244	0.794874	-1.25806	0.0165386	0.493219	-2.0275	0.474278	0.838896	-1.19204	0.00164517	0.336911	-2.96814
cg11383291	ITGB5	0.0188799	0.0122862	0.197952	-5.05172	0.032013	0.271207	-3.68722	0.0200187	0.23274	-4.29663	0.0113882	0.192967	-5.18224	0.134536	0.432552	-2.31186
cg12253414	ITGB5	0.0331256	0.0298564	2.13659	2.13659	0.335778	0.74465	-1.34291	0.400626	0.774474	-1.2912	0.0585869	1.88645	1.88645	0.664722	0.878504	-1.1383
cg14112569	ITGB5	0.0375149	0.264441	0.478887	-2.08817	0.00559948	0.0999924	-10.0008	0.0940692	0.311831	-3.20687	0.259152	0.474639	-2.10686	0.0208341	0.171915	-5.81684
ch.3.2438620R	ITGB5	0.0383358	0.0109749	0.150022	-6.6657	0.00582479	0.116923	-8.5526	0.0954524	0.336655	-2.9704	0.0515753	0.267936	-3.73223	0.0626153	0.287834	-3.47422
cg15128638	ITGB5	0.0471619	0.808008	0.950105	-1.05251	0.0053983	2.15972	2.15972	0.594809	1.11948	1.11948	0.644485	1.10262	1.10262	0.0203339	0.555432	-1.8004
cg07896068	ITGB6	0.00443316	0.530783	1.20817	1.20817	0.86658	1.05135	1.05135	0.0067248	0.351099	-2.8482	0.0743867	1.80774	1.80774	0.00206486	0.274644	-3.64108
cg15152331	ITGB6	0.0103717	0.0478659	0.67063	-1.49113	0.0335259	0.644919	-1.55058	0.00964897	0.560728	-1.78339	0.286561	0.822457	-1.21587	0.00360586	0.498599	-2.00562
cg08699196	ITGB7	0.000278121	0.000119478	5.25048	5.25048	0.00130907	3.16866	3.16866	0.0932899	0.634412	-1.57626	0.212383	1.38233	1.38233	4.62E-05	6.66279	6.66279
cg15889057	ITGB7	0.00210968	0.000791572	0.0962646	-10.388	0.0150879	0.251919	-3.96952	0.0626781	0.380239	-2.62992	0.0473401	0.350835	-2.85034	0.000698139	0.0918934	-10.8822
cg26689077	ITGB7	0.00278044	0.1892	0.705623	-1.41719	0.809337	0.941202	-1.06247	0.000839689	0.28384	-3.52311	0.070397	0.602313	-1.66027	0.00021193	0.211819	-4.72101
cg08374799	ITGB7	0.00538207	0.0176834	0.42361	-2.36066	0.0210542	0.437766	-2.28433	0.0287205	0.463917	-2.15556	0.000586051	0.205615	-4.86346	0.0521227	0.518055	-1.9303
cg04552292	ITGB7	0.00861683	0.0410393	0.374507	-2.67018	0.0306468	0.347197	-2.88021	0.641938	0.822776	-1.2154	0.19029	0.561132	-1.78211	0.0385567	0.368505	-2.71367
cg04972065	ITGB7	0.0267503	0.018299	3.76796	3.76796	0.215098	1.8303	1.8303	0.0288109	3.30106	3.30106	0.055132	2.73807	2.73807	0.00201275	7.528	7.528
cg11510999	ITGB7	0.0279098	0.0128943	13.81	13.81	0.0217968	10.3933	10.3933	0.153798	3.66392	3.66392	0.134361	3.94641	3.94641	0.00911605	16.7285	16.7285
cg01033299	ITGB7	0.0289978	0.0121279	0.387674	-2.57949	0.915247	1.03279	1.03279	0.231239	0.68348	-1.4631	0.0111951	0.381632	-2.62033	0.0791585	0.553951	-1.80521
cg14524975	ITGB7	0.0340788	0.00760751	0.0926572	-10.7925	0.501427	0.623186	-1.60466	0.0198605	0.142438	-7.02061	0.0877829	0.270892	-3.69151	0.00491941	0.0755997	-13.2276
cg19205136	ITGBL1	4.17E-05	0.00655759	0.707618	-1.41319	0.324555	1.10477	1.10477	0.0777085	1.21171	1.21171	0.907142	0.988637	-1.01149	7.66E-06	0.381987	-2.61789
cg01664065	ITGBL1	0.000590209	0.417638	1.16535	1.16535	7.42E-05	0.264487	-3.7809	8.37E-05	0.270474	-3.69722	0.940027	1.014	1.014	0.252367	0.801807	-1.24718
cg23525360	ITGBL1	0.00779183	0.932918	0.978457	-1.02202	0.00732307	0.40884	-2.44594	0.00239587	0.334704	-2.98771	0.0613023	0.579584	-1.72537	0.000960204	0.280204	-3.56883
cg03165014	ITGBL1	0.0130225	0.121963	3.14382	3.14382	0.214609	2.44167	2.44167	0.0106821	0.111606	-8.9601	0.641148	0.72561	-1.37815	0.123838	0.32021	-3.12295
cg27032075	ITGBL1	0.0141497	0.528223	1.17317	1.17317	0.00290399	0.359527	-2.78143	0.627254	0.884882	-1.13009	0.416736	0.81267	-1.23051	0.0181319	0.488143	-2.04858
cg10243348	ITGBL1;ITGBL1	0.0193727	0.45199	0.621062	-1.61014	0.188569	2.37733	2.37733	0.311298	0.521434	-1.91779	0.560053	0.693283	-1.44241	0.00749027	0.117661	-8.49897
cg07054668	ITIH1;ITIH1	0.000273576	0.0500973	0.516414	-1.93643	7.71E-05	0.120248	-8.31614	0.00636992	0.349794	-2.85882	0.00377129	0.314604	-3.1786	0.000104627	0.131546	-7.60189
cg07359306	ITIH1;ITIH1	0.00167089	0.292941	0.692798	-1.44342	0.00238633	0.240696	-4.15462	0.00353144	0.26436	-3.78272	0.552041	1.22432	1.22432	7.57E-05	0.0893714	-11.1893
cg25938530	ITIH1;ITIH1	0.00193025	0.195747	0.626825	-1.59534	0.121452	0.563719	-1.77393	0.00128119	0.201315	-4.96735	0.00956725	0.32624	-3.06522	0.000313019	0.136013	-7.35223
cg11904686	ITIH1;ITIH1	0.00873931	0.00252905	0.520918	-1.91969	0.767591	0.954941	-1.04719	0.482518	1.11744	1.11744	0.00512476	0.562541	-1.77765	0.0142125	0.624641	-1.60092
cg05283597	ITIH1;ITIH1	0.0140668	0.0644301	0.556618	-1.79656	0.212761	0.690681	-1.44785	0.00429121	0.340565	-2.9363	0.00250683	0.306066	-3.26727	0.0131327	0.420074	-2.38053
cg18404041	ITIH1;ITIH1;ITIH1;ITIH1	0.00030276	0.0137101	0.526884	-1.89795	0.000222045	0.274525	-3.64266	0.00880879	0.495986	-2.01619	0.00126172	2.69008	2.69008	0.00091824	0.352993	-2.83291
cg05991220	ITIH1;ITIH1;ITIH1;ITIH1	0.000524007	0.0114918	0.61823	-1.61752	0.0624029	0.726866	-1.37577	2.16E-05	0.272679	-3.66731	0.0119745	0.620739	-1.61098	0.00181989	0.509627	-1.96222
cg19784816	ITIH1;ITIH1;ITIH1;ITIH1	0.000579265	0.427072	1.10947	1.10947	0.000241661	0.459355	-2.17697	7.51E-05	0.398253	-2.51097	0.926179	1.01194	1.01194	0.0623753	0.764355	-1.30829
cg11163571	ITIH1;ITIH1;ITIH1;ITIH1	0.000950164	0.98278	0.995918	-1.0041	0.176593	0.76164	-1.31296	0.000125298	0.281819	-3.54838	0.122407	0.728111	-1.37342	0.000239686	0.315873	-3.16582
cg24628310	ITIH1;ITIH1;ITIH1;ITIH1	0.0147559	0.580102	0.823562	-1.21424	0.605517	0.834448	-1.1984	0.00395495	0.260165	-3.84372	0.00189049	0.216591	-4.61699	0.0044781	0.268042	-3.73076
cg20224285	ITIH1;ITIH1;ITIH1;ITIH1	0.0166274	0.0454239	1.69157	1.69157	0.782913	1.06531	1.06531	0.00548055	0.433165	-2.30859	0.0564977	1.63988	1.63988	0.190823	1.37344	1.37344
cg08148488	ITIH1;ITIH1;ITIH1;ITIH1	0.029013	0.844355	0.972667	-1.0281	0.0375381	1.40527	1.40527	0.0383574	1.40262	1.40262	0.0379927	1.40379	1.40379	0.0678413	0.749475	-1.33427
cg16898425	ITIH1;ITIH1;ITIH1;ITIH1	0.0297931	0.658643	0.8401	-1.19033	0.0416247	0.398319	-2.51055	0.00129335	0.159268	-6.27874	0.219048	0.602571	-1.65955	0.156853	0.55245	-1.81012
cg00748195	ITIH1;ITIH1;ITIH1;ITIH1	0.032747	0.0107321	0.243377	-4.10885	0.213178	0.561117	-1.78216	0.0253833	0.309976	-3.22606	0.63394	0.809413	-1.23546	0.00164904	0.137293	-7.28368
cg18061255	ITIH2	1.27E-07	3.55E-07	0.11631	-8.59774	0.0202703	0.663784	-1.50651	8.57E-06	0.242353	-4.12621	2.75E-07	0.108263	-9.23678	1.26E-05	0.260287	-3.84191
cg23545299	ITIH2	0.00177215	0.0212552	0.338471	-2.95446	0.0804418	2.13536	2.13536	0.883687	0.944336	-1.05895	0.0303501	0.369383	-2.70722	0.000338218	0.104349	-9.58319
cg10219425	ITIH2	0.00319353	0.390463	0.79115	-1.26398	0.0146377	0.449226	-2.22605	0.000760894	0.257107	-3.88944	0.81143	0.938352	-1.0657	0.921452	0.974084	-1.02661
cg06440087	ITIH2	0.0155403	0.0120776	0.115043	-8.69242	0.197072	0.389732	-2.56587	0.012603	0.117249	-8.52884	0.0266613	0.162853	-6.14049	0.0150596	0.12689	-7.88083
cg16259362	ITIH3	0.00250959	0.715518	0.894037	-1.11852	0.00105286	0.22696	-4.40605	0.891077	0.958938	-1.04282	0.298821	1.39032	1.39032	0.00589365	0.33202	-3.01187
cg25796963	ITIH3	0.00966801	0.125584	0.690059	-1.44915	0.0534927	0.612127	-1.63365	0.00506595	0.436347	-2.29175	0.915062	0.976406	-1.02416	0.00973762	0.481085	-2.07863
cg07464094	ITIH3	0.00988684	0.746382	0.91653	-1.09107	0.000900744	0.263313	-3.79776	0.0983035	0.614466	-1.62743	0.430231	0.805525	-1.24143	0.0123334	0.433033	-2.30929
cg14556868	ITIH3	0.0313973	0.0263657	0.177283	-5.64071	0.029055	0.184502	-5.42	0.0302563	0.187594	-5.33066	0.105345	0.312745	-3.1975	0.0467439	0.224089	-4.46251
cg22534898	ITIH4;ITIH4	0.000538229	0.000194945	0.271167	-3.68777	0.229287	0.768981	-1.30042	0.0277076	0.581637	-1.71928	0.0321754	0.593054	-1.68619	5.63E-05	0.210472	-4.75122
cg17890764	ITIH4;ITIH4	0.00209592	0.0448752	0.612931	-1.63151	0.293205	0.79307	-1.26092	0.0308696	0.583337	-1.71428	0.225933	0.763098	-1.31045	9.92E-05	0.230151	-4.34497
cg18727075	ITIH4;ITIH4	0.00288706	0.0927224	0.756859	-1.32125	0.0492587	0.713218	-1.4021	7.59E-05	0.339386	-2.9465	0.363887	1.15086	1.15086	0.681993	0.939845	-1.064
cg06204229	ITIH4;ITIH4	0.0385451	0.478047	0.840077	-1.19037	0.413604	1.22376	1.22376	0.00969628	0.453582	-2.20467	0.308965	0.775392	-1.28967	0.0823972	0.628239	-1.59175
cg05721858	ITIH4;ITIH4	0.0443669	0.133864	0.741162	-1.34923	0.121144	1.36531	1.36531	0.0340005	1.58171	1.58171	0.093693	1.4071	1.4071	0.419478	1.16513	1.16513
cg11645453	ITIH4;ITIH4;ITIH4;ITIH4	0.000497048	0.0686571	1.52831	1.52831	0.410438	0.839293	-1.19148	0.0522831	0.631649	-1.58316	0.209249	1.31714	1.31714	6.63E-05	0.218212	-4.5827
cg10929387	ITIH4;ITIH4;ITIH4;ITIH4	0.00226748	0.0223777	0.441204	-2.26652	0.94409	0.979247	-1.02119	0.00435133	0.320069	-3.12433	0.0029657	0.295405	-3.38518	0.00771415	0.359336	-2.78291
cg10434482	ITIH5;ITIH5	1.48E-05	0.223187	1.15337	1.15337	0.0174691	1.38063	1.38063	0.169131	0.84932	-1.17741	1.92E-07	5.8873	5.8873	0.173733	0.850993	-1.1751
cg22444507	ITIH5;ITIH5	4.82E-05	0.687468	0.915123	-1.09275	0.0634719	1.58042	1.58042	0.941635	1.01619	1.01619	0.503274	0.861585	-1.16065	0.961984	0.989601	-1.01051
cg10119075	ITIH5;ITIH5	0.0010232	0.487509	1.31148	1.31148	0.000723079	7.22097	7.22097	0.0210064	2.90745	2.90745	0.00260762	4.9679	4.9679	0.423591	0.730387	-1.36914
cg10311806	ITIH5;ITIH5	0.00116386	0.0349314	1.59006	1.59006	0.016445	1.73869	1.73869	0.0921797	1.41872	1.41872	0.833596	1.04049	1.04049	0.312163	0.820964	-1.21808
cg14390489	ITIH5;ITIH5	0.00197173	0.948729	0.989068	-1.01105	0.176975	0.782472	-1.278	0.921757	0.983347	-1.01693	0.506336	1.12216	1.12216	0.000230519	0.351612	-2.84404
cg09445472	ITIH5;ITIH5	0.0032993	0.0981499	0.569094	-1.75718	0.557062	1.20267	1.20267	0.907095	1.03694	1.03694	0.0587377	1.94143	1.94143	0.0276017	0.445116	-2.2466
cg00244882	ITIH5;ITIH5	0.00364013	0.000539621	5.78205	5.78205	0.466334	0.785272	-1.27344	0.156779	1.63862	1.63862	0.13013	1.70422	1.70422	0.104967	0.561173	-1.78198

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26306976	0.141071	0.468771	-2.13324	0.0465308	0.335838	-2.97763	0.0384587	0.317341	-3.15118	0.00651668	0.184125	-5.43108	4.00999	14.5488	3.22502	1
cg08937729	0.644469	0.921768	-1.08487	0.000679766	0.4024	-2.48509	0.839963	1.03608	1.03608	0.576628	1.10394	1.10394	3.90245	1.89948	0.432659	1
cg20361001	0.946059	0.984973	-1.01526	0.000672855	3.20227	3.20227	0.358484	1.23529	1.23529	0.124429	1.45103	1.45103	4.85981	3.85444	0.705	1
cg10155200	0.00164455	0.520066	-1.92283	0.000417604	0.444078	-2.25186	0.800049	1.0375	1.0375	0.00115643	0.500333	-1.99867	32.488	10.8275	0.296246	1
cg07004932	0.0249273	0.574537	-1.74053	0.000358623	0.304505	-3.28402	0.000150034	3.8651	3.8651	0.0183471	0.551936	-1.8118	13.7095	9.36335	0.607098	1
cg23717696	0.00417403	0.256278	-3.90201	0.000222088	0.112954	-8.85318	0.576659	0.818699	-1.22145	0.00775571	0.297371	-3.36281	13.3748	26.647	1.77096	1
cg15235711	0.413251	1.20438	1.20438	0.000795676	0.324212	-3.0844	0.954188	1.01285	1.01285	0.450115	1.1866	1.1866	10.2915	8.05646	0.695846	1
cg06036585	0.0551037	0.494372	-2.02277	0.00118711	0.214414	-4.66388	0.0569697	2.00926	2.00926	0.0410535	0.46595	-2.14615	6.18714	10.2826	1.47727	1
cg04790137	0.512346	0.813005	-1.23	0.00278955	0.276907	-3.61132	0.966114	0.986852	-1.01332	0.223515	0.671375	-1.48948	4.93832	7.591	1.36637	1
cg10587989	0.367364	0.698549	-1.43154	0.0545447	0.42956	-2.32796	0.0124342	3.33737	3.33737	0.0960894	0.492618	-2.02997	4.3088	10.2431	2.11311	1
cg12391921	0.286948	0.785162	-1.27362	0.00276209	0.405297	-2.46732	0.00293305	2.44435	2.44435	0.00185962	0.380628	-2.62724	11.5337	8.74032	0.673605	1
cg23667541	7.79E-06	0.318937	-3.13541	1.58E-07	0.149494	-6.68922	0.0388194	0.756651	-1.32161	0.000281532	0.500562	-1.99776	57.2203	12.3133	0.191282	1
cg15452319	0.0207242	0.524621	-1.90614	1.84E-05	0.132375	-7.55429	0.000161205	0.22482	-4.448	0.000333239	0.261578	-3.82296	32.4104	27.5415	0.755355	1
cg22048922	0.0960925	1.3524	1.3524	0.0680141	0.713472	-1.4016	0.000185436	0.352443	-2.83734	0.000864961	0.437817	-2.28406	29.0756	12.5656	0.384151	1
cg20736028	0.0154463	0.442647	-2.25913	0.00013685	0.163736	-6.10739	0.70703	0.901625	-1.10911	0.203873	0.692261	-1.44454	15.6915	18.6944	1.05899	1
cg24428653	0.811231	0.87588	-1.14171	0.00169643	0.0834487	-11.9834	0.71067	1.22922	1.22922	0.0212666	0.215787	-4.63419	6.36886	30.9445	4.31886	1
cg10962535	0.455141	1.12013	1.12013	0.00245299	0.533429	-1.87466	0.72455	0.948605	-1.05418	0.852707	0.972663	-1.02811	5.13802	1.8098	0.3131	1
cg17340492	0.0542505	1.18233	1.18233	0.00274445	0.728383	-1.3729	0.345373	1.07736	1.07736	0.173265	0.894843	-1.11751	4.88129	0.454513	0.0827674	1
cg00590912	0.574888	1.1268	1.1268	0.0469078	1.6148	1.6148	0.704487	0.922863	-1.08358	0.00809025	0.489453	-2.0431	4.67643	3.28708	0.624803	1
cg27601582	0.34451	0.863894	-1.15755	0.00215802	0.523546	-1.91005	0.240027	0.831228	-1.20304	0.263873	0.839457	-1.19125	3.4893	1.24771	0.317851	1
cg18822363	0.0130816	0.304756	-3.28132	0.160467	0.560566	-1.78391	0.44833	0.742081	-1.34756	0.0506487	0.423272	-2.36255	3.45469	8.15403	2.09803	1
cg20556503	9.61E-05	0.288789	-3.46274	3.89E-05	0.244145	-4.09593	0.519561	0.889721	-1.12395	0.000256564	0.340514	-2.93674	29.6433	15.0391	0.450967	1
cg11712386	0.484492	0.885959	-1.12872	0.0186708	0.615143	-1.62564	0.913158	0.981579	-1.01877	0.000177212	0.338527	-2.95397	26.3984	12.1453	0.408959	1
cg21006727	0.786455	0.933524	-1.07121	4.30E-05	0.139646	-7.16095	0.000171678	0.198435	-5.03944	0.000329786	0.230193	-4.34417	19.267	19.5811	0.903378	1
cg08309251	0.159176	0.464469	-2.153	0.00102932	0.0838348	-11.9282	0.00583921	0.158889	-6.2937	0.0532315	0.326498	-3.0628	5.11097	21.0272	3.657	1
cg17039369	0.0105277	0.463435	-2.1578	0.112168	0.661465	-1.5118	0.0144007	0.48639	-2.05596	0.00122997	0.323239	-3.09368	15.5201	14.0346	0.803805	1
cg13315706	0.0368509	0.580434	-1.72285	0.0119376	2.02146	2.02146	0.00743858	0.461454	-2.16707	0.00132474	0.350746	-2.85106	15.3612	12.2459	0.708622	1
cg13071345	0.191644	1.3236	1.3236	0.00170339	0.403016	-2.48129	0.000437355	0.324003	-3.08639	0.0593075	0.649341	-1.54002	13.865	9.0326	0.57908	1
cg06654697	0.256442	0.85073	-1.17546	0.00434954	0.594518	-1.68204	0.736906	0.955026	-1.04709	0.00518799	0.604398	-1.65454	12.4277	3.66605	0.262213	1
cg19221500	0.000996474	0.32178	-3.10771	0.000459126	0.278234	-3.5941	0.208606	0.73533	-1.35993	0.0042437	0.411626	-2.42939	10.8769	9.26626	0.757261	1
cg01167274	0.00378188	0.323524	-3.09096	0.000452968	0.202623	-4.93527	0.00355502	0.319512	-3.12977	0.0262636	0.467044	-2.14112	10.0645	13.297	1.17438	1
cg24815934	0.357582	1.19512	1.19512	0.00621535	1.95829	1.95829	0.292664	1.22836	1.22836	0.162562	0.755117	-1.3243	9.06759	5.09752	0.499706	1
cg24707889	0.0143244	0.40893	-2.44541	0.0267487	0.4597	-2.17533	0.0225662	0.4454	-2.24517	0.215749	0.6799	-1.4708	8.18721	11.3704	1.23449	1
cg08422803	0.0114004	0.363741	-2.74921	0.0206505	0.410637	-2.43524	0.572843	1.19956	1.19956	0.0805675	0.538534	-1.85689	7.51986	12.1453	1.43565	1
cg04321224	0.0157793	0.400358	-2.49777	0.00178926	0.252729	-3.95681	0.0123454	0.381311	-2.62253	0.092784	0.564175	-1.7725	6.73771	10.2205	1.34836	1
cg22699620	0.0574293	0.319444	-3.13044	0.00215641	0.101545	-9.84787	0.0063594	0.151666	-6.59343	0.0556062	0.316063	-3.16393	6.47573	28.9202	3.96973	1
cg07274406	0.00915415	0.426848	-2.34275	0.9302	1.02279	1.02279	0.00580962	0.394879	-2.53242	0.0362949	0.534706	-1.87019	5.98065	6.26576	0.931263	1
cg05742728	0.000764324	0.322191	-3.10374	0.395563	1.21323	1.21323	0.377206	0.817671	-1.22299	0.219363	0.75056	-1.33234	5.66059	4.42438	0.694766	1
cg03013554	0.219589	0.75484	-1.32478	0.00072784	0.326507	-3.06272	0.916725	1.02305	1.02305	0.480932	1.16892	1.16892	5.38925	4.05138	0.668225	1
cg10825839	0.00890933	0.450034	-2.22206	0.590122	0.877682	-1.13937	0.0910867	0.639842	-1.56289	0.28245	0.76493	-1.30731	5.23224	4.77019	0.810393	1
cg09917223	0.0248992	0.245584	-4.07192	0.00204331	0.101638	-9.83884	0.0888336	0.372606	-2.6838	0.070475	0.345283	-2.89617	4.4977	19.7087	3.89507	1
cg04443870	0.109128	1.35778	1.35778	0.126464	1.33564	1.33564	0.504754	0.888258	-1.1258	0.652796	0.923782	-1.08251	3.93934	1.91209	0.431453	1
cg08624445	0.235884	1.36854	1.36854	0.779371	1.07351	1.07351	0.0309896	0.527467	-1.89585	0.819725	1.05935	1.05935	3.71614	3.75479	0.898133	1
cg02117924	0.0230886	0.495801	-2.01694	0.1343	1.51733	1.51733	0.333003	1.29418	1.29418	0.802303	0.937272	-1.06693	3.65577	3.86102	0.938795	1
cg24167037	0.00240844	0.454661	-2.19944	4.86E-06	0.142745	-7.00548	0.025185	0.608711	-1.64282	0.0120027	0.557501	-1.79372	22.4538	12.3643	0.48947	1
cg03150042	0.00466465	2.08447	2.08447	7.00E-05	0.242373	-4.12587	0.00109519	0.39055	-2.56049	0.00229149	0.435034	-2.29867	17.81	10.752	0.53663	1
cg09829580	0.0109276	0.4429	-2.25784	0.0425108	0.551275	-1.81397	0.507872	0.842596	-1.18681	0.00199627	0.328726	-3.04205	7.72165	7.94909	0.915071	1
cg12537162	0.000853479	0.463985	-2.15524	0.000192952	0.382155	-2.61674	0.200196	1.23045	1.23045	0.00894887	0.60076	-1.66456	20.7605	7.72252	0.33065	1
cg17185639	0.0418602	0.540276	-1.85091	0.278466	0.743923	-1.34423	0.620006	0.877034	-1.14021	0.451435	0.817585	-1.22311	8.54299	9.32335	0.970085	1
cg06577593	0.0382368	0.702522	-1.42344	0.000571417	0.456488	-2.19064	0.118346	1.28309	1.28309	0.207788	1.21563	1.21563	6.81525	2.33288	0.30427	1
cg06568783	0.366145	1.24083	1.24083	0.387544	0.813969	-1.22855	0.912964	1.02574	1.02574	0.0116207	0.48041	-2.08156	5.28142	4.51787	0.760379	1
cg26176717	0.0453241	0.426296	-2.34579	0.558986	1.24538	1.24538	0.00148444	0.182291	-5.48573	0.395464	0.723851	-1.3815	4.31566	9.42541	1.94133	1
cg21288861	0.478798	1.08998	1.08998	0.630471	0.943647	-1.05972	0.657985	1.05476	1.05476	0.605113	1.06441	1.06441	3.55238	0.805662	0.201595	1
cg19767339	0.278986	0.753868	-1.32649	8.55E-05	0.170116	-5.87835	0.624981	0.883683	-1.13163	0.00775442	0.42387	-2.35922	7.29303	7.2776	0.887008	1
cg17903549	0.717845	0.923065	-1.08335	0.791477	1.0602	1.0602	0.238678	1.31293	1.31293	0.138195	1.42213	1.42213	4.8157	3.71218	0.6852	1
cg07160589	0.53102	1.23932	1.23932	0.031251	0.425483	-2.35027	0.312231	0.702253	-1.42399	0.00425984	0.274397	-3.64436	4.14609	7.50716	1.60948	1
cg20683799	0.38388	0.950736	-1.05182	0.0128968	0.839731	-1.19086	0.0209653	1.17018	1.17018	0.451064	0.957483	-1.0444	15.0215	0.76162	0.0450684	1
cg23641677	0.919116	0.957578	-1.0443	0.78345	0.889079	-1.12476	0.292107	0.627205	-1.59438	0.763256	0.879044	-1.1376	8.10826	23.3884	2.56401	1
cg12146151	0.0520926	0.571311	-1.75036	0.00172232	0.322009	-3.1055	0.0866283	0.619083	-1.61529	0.321697	0.771529	-1.29613	5.73591	5.8313	0.903671	1
cg24079672	0.00324877	0.327804	-3.0506	1.29E-05	0.0784983	-12.7391	0.80533	0.933683	-1.07103	0.018806	0.453413	-2.20549	22.9294	28.043	1.08712	1
cg19159842	0.144366	0.785675	-1.27279	0.367368	1.15309	1.15309	0.457344	1.12348	1.12348	0.000131993	0.360523	-2.77375	19.0233	7.12959	0.33314	1
cg21850852	0.925736	1.00908	1.00908	0.0210229	1.30869	1.30869	0.00191082	1.53116	1.53116	0.000182283	1.84667	1.84667	15.3571	2.28453	0.132232	1
cg16916914	0.010745	2.52872	2.52872	0.212747	0.683981	-1.46203	0.170053	1.52647	1.52647	0.00234046	3.41932	3.41932	13.4134	17.7956	1.1793	1
cg24037380	0.00149027	0.286464	-3.49084	0.000399047	0.21487	-4.65397	0.724223	0.907849	-1.1015	0.000244348	0.191173	-5.23086	12.5333	14.7843	1.04853	1
cg14601050	0.30029	0.853408	-1.17177	0.00429259	1.75778	1.75778	0.273525	0.845112	-1.18328	0.0131649	0.635102	-1.57455	11.3537	3.92189	0.307047	1
cg18326022	0.0121494	0.701656	-1.4252	0.000180346	2.05143	2.05143	0.0942432	0.811769	-1.23188	0.6737	1.04918	1.04918	9.10161	1.8522	0.180891	1
cg20667796	0.0142649	0.489141	-2.0444	0.00765681	0.444393	-2.25026	0.0701906	0.61945	-1.61434	0.00964829	0.4607	-2.17061	8.70825	7.72081	0.788097	1
cg08668997	0.43464	0.889409	-1.12434	0.0198228	0.66129	-1.5122	0.0935124	0.762469	-1.31153	9.87E-05	0.361867	-2.76344	7.26768	2.48793	0.304292	1
cg10869669	0.000221533	0.187768	-5.32572	0.0125467	0.429862	-2.32633	0.560356	0.852048	-1.17364	0.0140749	0.438592	-2.28003	6.7747	7.93353	1.04094	1
cg11025757	0.00187629	0.385231	-2.59585	0.53885	1.14409	1.14409	0.273674	0.781577	-1.27946	0.0414091	0.601177	-1.6634	5.36575	3.97748	0.658908	1
cg18566702	0.117584	0.613588	-1.62976	0.0919755	0.586797	-1.70417	0.00610973	0.357573	-2.79663	0.0141956	0.419188	-2.38557	4.09171	5.35152	1.16257	1
cg03601229	0.759507	0.950806	-1.05174	0.0738285	0.720816	-1.38732	0.947313	1.01092	1.01092	0.106825	0.748826	-1.33542	3.80494	1.62651	0.379977	1
cg27346988	0.600412	0.90436	-1.10575	0.459284	1.1541	1.1541	0.591511	0.902092	-1.10853	0.472606	0.870269	-1.14907	3.67825	2.10752	0.509304	1
cg10231126	0.000858972	0.333645	-2.99719	0.725709	0.925665	-1.0803	0.436025	0.840076	-1.19037	0.672723	0.911038	-1.09765	3.60848	2.74828	0.676993	1
cg26314765	0.0137639	0.0885316	-11.2954	0.00484418	0.0510758	-19.5787	0.104801	0.243835	-4.10114	0.0135425	0.0878003	-11.3895	3.46914	34.8221	8.92237	1
cg23913400	0.62183	0.930851	-1.07429	2.66E-05	0.30224	-3.30863	0.235644	0.836005	-1.19616	0.913534	1.01578	1.01578	8.51602	2.80144	0.29241	1
cg09513209	0.850283	0.913137	-1.09513	0.65131	1.24456	1.24456	0.483953	1.40785	1.40785	0.322756	0.611913	-1.63422	5.64941	20.6905	3.25548	1
cg17646499	0.0209362	0.284788	-3.51139	0.000909067	0.106186	-9.41747	0.00603505	0.197599	-5.06076	0.0475167	0.358918	-2.78615	10.4099	33.6912	2.87685	1
cg07249742	0.00444771	0.222083	-4.50283	0.000868431	0.137885	-7.25242	0.023133	0.340692	-2.9352	0.0958311	0.484181	-2.06534	9.63921	24.002	2.21337	1
cg03518058	0.324839	1.35664	1.35664	0.0868848	1.76337	1.76337	0.000716026	4.68885	4.68885	0.961285	1.01467	1.01467	8.86779	12.6397	1.26698	1
cg05062178	0.00129306	0.505903	-1.97666	0.011526	0.63175	-1.5829	0.987496	0.997725	-1.00228	0.0843996	0.757704	-1.31978	7.06385	2.36342	0.297404	1
cg00589181	0.00883969	0.582896	-1.71557	0.0954908	1.34525	1.34525	0.0319754	1.50224	1.50224	0.89688	1.02122	1.02122	6.91945	2.87393	0.369192	1
cg15119377	0.0164008	0.492585	-2.03011	0.0555485	0.59228	-1.68839	0.232478	1.35292	1.35292	0.820583	0.946639	-1.05637	4.81051	4.43987	0.820401	1
cg11383291	0.383681	0.628789	-1.59036	0.0100103	0.184737	-5.41311	0.501837	0.701846	-1.42481	0.00418765	0.136336	-7.33484	4.79733	20.4973	3.7979	1
cg12253414	0.798936	1.07877	1.07877	0.00807829	2.73938	2.73938	0.0103138	2.61192	2.61192	0.442165	1.26212	1.26212	3.94467	5.51291	1.24228	1
cg14112569	0.0526506	0.247952	-4.03304	0.0552985	0.252782	-3.95598	0.00960321	0.125504	-7.96786	0.0688032	0.275491	-3.62989	3.7708	23.9305	5.64113	1
ch.3.2438620R	0.127804	0.375838	-2.66072	0.0233738	0.199845	-5.00389	0.0879176	0.326469	-3.06308	0.0789376	0.313633	-3.18844	3.74107	20.9316	4.97342	1
cg15128638	0.0767596	1.51258	1.51258	0.4582	0.853159	-1.17211	0.588347	0.89147	-1.12174	0.820763	0.953411	-1.04887	3.46392	2.42481	0.622239	1
cg07896068	0.410506	1.28487	1.28487	0.361052	0.756054	-1.32266	0.00169949	3.80016	3.80016	0.419344	1.27858	1.27858	7.61219	10.6941	1.24877	1
cg15152331	0.0210151	0.612436	-1.63282	0.0379266	0.653721	-1.5297	0.196784	0.785819	-1.27256	0.00103664	0.423988	-2.35856	5.84193	2.88618	0.439152	1
cg08699196	0.0350087	0.545788	-1.83221	0.779375	0.933117	-1.07168	0.147784	1.46635	1.46635	0.0074182	2.33998	2.33998	16.7943	16.1612	0.855378	1
cg15889057	0.011513	0.232472	-4.3016	0.000871495	0.0997153	-10.0286	0.00210132	0.13573	-7.36757	0.0224313	0.28293	-3.53445	9.4929	32.0391	3.00005	1
cg26689077	0.952503	0.985178	-1.01504	0.00191218	0.332254	-3.00975	0.373473	0.795304	-1.25738	0.0561634	0.581463	-1.7198	8.7531	8.71215	0.884731	1
cg08374799	0.00404848	0.316942	-3.15515	0.0343857	0.479688	-2.08469	0.0022013	0.278655	-3.58867	0.352819	0.752304	-1.32925	7.17511	10.0706	1.2476	1
cg04552292	0.0134296	0.279384	-3.5793	0.000500008	0.103515	-9.66045	0.667806	1.19704	1.19704	0.00764759	0.239721	-4.17152	6.19721	17.0319	2.44294	1
cg04972065	0.335103	1.58481	1.58481	0.889773	0.937784	-1.06634	0.716572	1.18399	1.18399	0.0224913	3.54724	3.54724	4.25551	14.4627	3.02096	1
cg11510999	0.134768	3.93989	3.93989	0.121274	4.17293	4.17293	0.0080718	17.9087	17.9087	0.0162664	12.1682	12.1682	4.19255	48.0176	10.1805	1
cg01033299	0.00980642	0.371785	-2.68973	0.0224961	0.436794	-2.28941	0.0246449	0.44445	-2.24997	0.173394	0.64469	-1.55113	4.13634	6.01644	1.29292	1
cg14524975	0.167419	0.360607	-2.7731	0.0440158	0.201093	-4.97282	0.154343	0.347576	-2.87707	0.0633547	0.235232	-4.25112	3.90458	29.7073	6.76295	1
cg19205136	0.709158	0.963969	-1.03738	2.64E-06	0.330126	-3.02915	0.544425	0.941684	-1.06193	0.59412	0.948686	-1.05409	27.9274	4.24281	0.135042	1
cg01664065	0.356898	1.19131	1.19131	0.0715374	1.45029	1.45029	0.133035	0.741251	-1.34907	0.0376552	0.640534	-1.5612	13.6463	7.37643	0.480483	1
cg23525360	0.0387461	0.538393	-1.85738	0.0485363	0.558239	-1.79135	0.576267	1.15726	1.15726	0.222287	0.717624	-1.39349	6.39695	6.78012	0.942131	1
cg03165014	0.682316	0.754877	-1.32472	0.0191888	0.144261	-6.93187	0.00890127	0.102871	-9.72092	0.030393	5.69019	5.69019	5.42708	40.1301	6.57281	1
cg27032075	0.0237259	0.509294	-1.9635	0.0044726	0.387719	-2.57919	0.430201	1.22292	1.22292	0.0495179	0.571149	-1.75086	5.28138	5.22473	0.879355	1
cg10243348	0.351877	0.551259	-1.81403	0.001113	0.0505	-19.802	0.302099	1.94364	1.94364	0.891585	0.918722	-1.08847	4.7557	29.1051	5.44004	1
cg07054668	0.000421066	0.191403	-5.22459	0.000126843	0.139009	-7.19379	0.492048	0.81348	-1.22929	0.0917333	0.577373	-1.73198	16.8701	23.3831	1.23206	1
cg07359306	0.0251081	0.408114	-2.4503	0.408013	0.752245	-1.32935	0.023079	0.400912	-2.49431	0.00808878	0.319534	-3.12955	10.1584	18.206	1.59308	1
cg25938530	0.0421503	0.449678	-2.22382	0.000539988	0.159307	-6.2772	0.137814	0.579529	-1.72554	0.00319635	0.253062	-3.9516	9.74207	17.982	1.64072	1
cg11904686	0.316658	0.851246	-1.17475	0.00154059	0.492245	-2.03151	0.226988	0.820916	-1.21815	0.607113	0.922478	-1.08404	6.16959	2.36503	0.340743	1
cg05283597	0.621981	0.869226	-1.15045	0.941004	0.979343	-1.02109	0.325188	0.750885	-1.33176	0.00627553	0.366352	-2.72961	5.2916	6.66514	1.11962	1
cg18404041	0.380878	0.827816	-1.208	0.000218489	0.273683	-3.65386	0.00823236	0.491356	-2.03519	0.89898	0.973651	-1.02706	16.4089	11.4868	0.622252	1
cg05991220	0.00274444	0.533295	-1.87514	0.000341733	0.415926	-2.40427	0.14821	0.789852	-1.26606	0.0146516	0.633118	-1.57948	14.1057	5.16827	0.325685	1
cg19784816	0.000465228	0.49401	-2.02425	0.980607	0.996891	-1.00312	0.268311	1.15917	1.15917	0.243615	0.855311	-1.16917	13.7177	3.56541	0.231034	1
cg11163571	0.270627	1.24284	1.24284	0.251516	1.25492	1.25492	0.0365531	1.58491	1.58491	0.0364933	0.630829	-1.58522	11.9382	6.79278	0.505774	1
cg24628310	0.355165	0.71863	-1.39154	0.0929006	0.526131	-1.90067	0.115059	0.55144	-1.81343	0.049547	0.459154	-2.17792	5.20886	9.95486	1.69879	1
cg20224285	0.837394	1.0482	1.0482	0.0269367	1.82251	1.82251	0.63142	0.895185	-1.11709	0.0353871	0.570519	-1.75279	5.00642	4.16094	0.738774	1
cg08148488	0.713518	0.949339	-1.05336	0.0123405	1.55158	1.55158	0.171129	0.814278	-1.22808	0.908473	0.983916	-1.01635	4.13558	1.30202	0.279853	1
cg16898425	0.918918	0.960882	-1.04071	0.0440144	0.403768	-2.47667	0.768473	0.890759	-1.12264	0.0194776	0.330642	-3.02442	4.09688	9.96474	2.16202	1
cg00748195	0.308383	0.628325	-1.59153	0.291704	0.617413	-1.61966	0.126332	0.482409	-2.07293	0.12407	0.479958	-2.08352	3.96098	12.1874	2.73499	1
cg18061255	0.000522883	0.45306	-2.20721	9.15E-09	0.032379	-30.8842	3.08E-07	0.111751	-8.94847	1.32E-06	0.162797	-6.14263	123.976	42.0925	0.301798	1
cg23545299	0.404436	0.716225	-1.39621	0.000303628	0.100585	-9.94189	0.0104456	0.283299	-3.52984	0.061217	0.438124	-2.28246	9.98683	24.2108	2.15491	1
cg10219425	0.0187962	0.468678	-2.13366	0.00876253	0.411126	-2.43235	0.127972	0.645263	-1.54976	0.000266992	0.203312	-4.91855	8.40052	9.42959	0.997779	1
cg06440087	0.294975	0.472139	-2.11802	0.00192938	0.0481932	-20.7498	0.0458204	0.205596	-4.8639	0.0233771	0.153833	-6.50056	5.12033	38.7192	6.72165	1
cg16259362	0.00135354	0.240747	-4.15374	0.508843	1.22763	1.22763	0.00282159	0.283996	-3.52118	0.0056372	0.328978	-3.03971	9.02187	13.3803	1.31831	1
cg25796963	0.00640553	2.21177	2.21177	0.151262	1.4108	1.4108	0.493474	0.85587	-1.1684	0.267157	0.772045	-1.29526	5.97471	4.73932	0.705094	1
cg07464094	0.170813	1.47953	1.47953	0.0235503	2.0676	2.0676	0.915879	0.97202	-1.02879	0.458109	0.81633	-1.22499	5.93216	6.77806	1.01564	1
cg14556868	0.0285429	0.18316	-5.45971	0.00505939	0.0876072	-11.4146	0.0343668	0.197641	-5.05969	0.0726708	0.268345	-3.72655	4.02112	27.4826	6.07517	1
cg22534898	0.148233	0.724013	-1.38119	0.000192024	0.270386	-3.69841	0.0100224	0.508195	-1.96775	0.0131322	0.527074	-1.89727	14.0011	9.61474	0.610411	1
cg17890764	0.00116461	0.362822	-2.75617	0.00553108	0.460605	-2.17106	0.302858	1.25474	1.25474	0.189486	0.744146	-1.34382	9.51106	6.80997	0.636449	1
cg18727075	0.378772	0.87286	-1.14566	0.0168271	1.55154	1.55154	0.428414	0.885375	-1.12946	0.298151	0.850097	-1.17634	8.65612	3.10881	0.31924	1
cg06204229	0.346372	1.26399	1.26399	0.00361791	0.38619	-2.5894	0.381797	0.805165	-1.24198	0.268131	0.756787	-1.32137	3.73361	3.45144	0.82171	1
cg05721858	0.246703	0.798973	-1.25161	0.007128	1.90392	1.90392	0.234413	1.25977	1.25977	0.72943	0.937694	-1.06645	3.54426	1.92685	0.483248	1
cg11645453	0.780592	0.943538	-1.05984	0.000179445	0.267057	-3.74452	0.0399441	1.63921	1.63921	0.0134723	0.529036	-1.89023	14.314	9.82064	0.609854	1
cg10929387	0.410139	0.777354	-1.28641	8.48E-05	0.120928	-8.2694	0.221202	0.680779	-1.4689	0.277257	0.713283	-1.40197	9.29471	13.1615	1.25868	1
cg10434482	0.0791562	1.24272	1.24272	0.0128196	0.708496	-1.41144	0.00174306	1.64485	1.64485	0.56746	0.937598	-1.06656	36.6267	7.21002	0.174979	1
cg22444507	0.972496	1.00759	1.00759	1.56E-06	14.2994	14.2994	1.48E-05	7.18362	7.18362	0.0654076	1.57395	1.57395	26.8801	20.4783	0.677188	1
cg10119075	0.498044	0.767642	-1.30269	0.05542	0.434037	-2.30395	0.000167703	11.7361	11.7361	0.0143102	3.19336	3.19336	11.6902	27.3603	2.08039	1
cg10311806	9.30E-05	3.72712	3.72712	0.575852	0.898842	-1.11254	0.000228068	3.17602	3.17602	0.0495466	1.52621	1.52621	11.2697	6.35448	0.501207	1
cg14390489	0.775736	1.05003	1.05003	0.000260822	0.358317	-2.79083	0.896744	1.02244	1.02244	0.0758793	1.40169	1.40169	9.68197	4.48006	0.411309	1
cg09445472	0.596328	0.846953	-1.1807	0.000297207	0.160419	-6.23369	0.00539694	3.12082	3.12082	0.217639	0.668305	-1.49632	8.31931	12.7221	1.35931	1
cg00244882	0.839872	0.936158	-1.0682	0.218572	0.655752	-1.52497	0.000695976	5.40333	5.40333	0.685083	0.875512	-1.14219	8.07825	13.604	1.49691	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09955886	ITIH5;ITIH5	0.0174605	0.00944476	0.170459	-5.86652	0.104478	0.385005	-2.59737	0.012038	0.185565	-5.38894	0.0937166	0.371065	-2.69494	0.00341152	0.117628	-8.50135	0.336535	0.586872	-1.70395	0.0164068	0.20649	-4.84284	0.01762	0.211592	-4.72608	0.0235325	0.233447	-4.28362	4.9252	22.565	4.07247	1
cg01382938	ITIH5;ITIH5	0.0320835	0.145461	0.739372	-1.3525	0.98999	0.99758	-1.00243	0.784569	1.05436	1.05436	0.0377142	0.627768	-1.59294	0.0225526	0.589981	-1.69497	0.367159	0.836145	-1.19596	0.0116602	0.543933	-1.83846	0.0255471	1.66953	1.66953	0.864042	1.03366	1.03366	3.99016	2.35812	0.525319	1
cg11055798	ITIH5;ITIH5	0.0457598	0.0942799	1.81276	1.81276	0.0877871	1.83924	1.83924	0.0353364	0.452699	-2.20897	0.0824448	1.8628	1.8628	0.253966	1.46996	1.46996	0.534502	0.815928	-1.2256	0.0394517	2.16057	2.16057	0.128895	1.70007	1.70007	0.0412497	2.1413	2.1413	3.50347	5.80265	1.47223	1
cg26840272	ITIH5;ITIH5;ITIH5	1.84E-05	0.21086	1.19164	1.19164	0.868585	0.978218	-1.02227	0.778185	1.03827	1.03827	0.567399	1.07991	1.07991	1.86E-07	0.119656	-8.35726	0.217453	1.18834	1.18834	0.0180583	1.46514	1.46514	0.320052	0.872278	-1.14642	0.393729	1.1232	1.1232	34.6038	9.69308	0.248992	1
cg12067981	ITIH5;ITIH5;ITIH5	0.000266405	0.354483	0.824061	-1.2135	0.629469	0.905961	-1.1038	0.027492	0.5888	-1.69837	3.42E-05	0.196023	-5.10143	3.08E-05	0.191531	-5.22109	0.898026	0.97429	-1.02639	0.113486	1.41887	1.41887	0.654945	0.912672	-1.09568	0.0024663	0.425182	-2.35193	16.9929	11.1063	0.580964	1
cg03391533	ITIH5;ITIH5;ITIH5	0.000357772	0.499623	0.856859	-1.16705	0.786767	1.06303	1.06303	0.31107	0.789572	-1.26651	0.679461	0.910587	-1.09819	3.17E-06	0.0828622	-12.0682	0.600036	0.887566	-1.12668	0.122219	1.45878	1.45878	0.777275	1.06602	1.06602	0.550675	0.87275	-1.1458	15.6743	12.6156	0.715431	1
cg09759523	ITIH5;ITIH5;ITIH5	0.00215247	0.226439	0.791823	-1.26291	0.000163895	3.25863	3.25863	0.00683869	0.525281	-1.90374	0.347501	0.83713	-1.19456	0.0208952	0.599975	-1.66674	0.0465482	1.52034	1.52034	0.674082	1.08084	1.08084	0.138365	0.74586	-1.34073	0.807164	1.04597	1.04597	9.43738	5.04853	0.475512	1
cg18479973	ITIH5;ITIH5;ITIH5	0.00238924	0.0659809	0.700542	-1.42747	0.000235996	0.349431	-2.8618	0.00517488	0.528939	-1.89058	0.0580145	0.690935	-1.44731	0.011377	0.578886	-1.72746	0.0926306	0.726658	-1.37616	0.000545426	0.395747	-2.52686	0.0789449	0.714199	-1.40017	0.00454624	0.520914	-1.9197	9.15318	4.31573	0.419111	1
cg26201727	ITIH5;ITIH5;ITIH5	0.0042399	0.337806	1.21134	1.21134	0.000760468	0.371573	-2.69126	0.579506	0.89709	-1.11471	0.387867	1.18735	1.18735	0.162157	0.748574	-1.33587	0.00693033	0.507642	-1.96989	0.00254697	0.443807	-2.25323	0.752899	0.940561	-1.0632	0.00409346	0.473583	-2.11156	7.71561	4.60036	0.529992	1
cg25449862	ITIH5;ITIH5;ITIH5	0.00481471	0.606434	1.12071	1.12071	0.000294531	0.274371	-3.6447	0.0327459	0.578185	-1.72955	0.792268	0.943758	-1.05959	0.403815	1.20604	1.20604	0.991577	0.997688	-1.00232	0.00599764	2.19806	2.19806	0.576805	0.883698	-1.13161	0.100743	0.674192	-1.48326	7.42359	5.6547	0.677085	1
cg04375245	ITIH5;ITIH5;ITIH5	0.0168628	0.345042	0.867931	-1.15217	0.676462	0.94071	-1.06303	0.871707	1.02382	1.02382	0.31479	0.859511	-1.16345	0.591589	0.924149	-1.08208	0.0179687	0.657871	-1.52005	0.000685629	2.12815	2.12815	0.994603	0.999015	-1.00099	0.628974	1.07348	1.07348	4.98297	1.674	0.298616	1
cg05480883	ITIH5;ITIH5;ITIH5	0.0270325	0.0275259	0.335482	-2.98078	0.017823	0.299124	-3.34309	0.0132345	0.276211	-3.62042	0.204949	0.570975	-1.75139	0.00424864	0.201228	-4.96948	0.300027	0.63762	-1.56833	0.0523007	0.396606	-2.52139	0.0163658	0.292402	-3.41995	0.367959	0.67876	-1.47328	4.23987	11.7895	2.47168	1
cg23332744	ITIH5;ITIH5;ITIH5	0.0415171	0.0886227	0.732998	-1.36426	0.0200958	0.62893	-1.59	0.20824	0.803003	-1.24533	0.367154	0.857963	-1.16555	0.0616519	0.706044	-1.41634	0.131152	1.30934	1.30934	0.217209	0.80679	-1.23948	0.107803	0.748125	-1.33668	0.00622711	0.554507	-1.8034	3.63286	1.57334	0.384965	1
cg17753476	ITIH5;ITIH5;ITIH5	0.0436991	0.377386	0.912263	-1.09617	0.255268	0.886555	-1.12796	0.216122	0.87637	-1.14107	0.424018	1.0863	1.0863	0.0177071	1.33968	1.33968	0.106114	1.19593	1.19593	0.0155365	0.740172	-1.35104	0.213066	0.875516	-1.14218	0.421254	1.08686	1.08686	3.56438	0.580212	0.144694	1
cg04711998	ITIH5;ITIH5;ITIH5;ITIH5	0.0224557	0.00458766	5.05934	5.05934	0.0125135	3.79888	3.79888	0.0671307	2.41471	2.41471	0.0410007	2.75439	2.75439	0.158204	1.91199	1.91199	0.0349857	2.87365	2.87365	0.078942	2.31205	2.31205	0.00860362	4.21906	4.21906	0.0216909	3.26782	3.26782	4.52199	13.2195	2.59856	1
cg00677195	ITIH5;ITIH5;ITIH5;ITIH5	0.0276695	0.174575	1.22876	1.22876	0.00648274	0.6036	-1.65673	0.281109	0.852306	-1.17329	0.723863	0.950655	-1.05191	0.764908	1.04371	1.04371	0.767671	1.04317	1.04317	0.00407468	1.73323	1.73323	0.887962	0.980091	-1.02031	0.343759	0.870115	-1.14927	4.20532	1.3554	0.286494	1
cg11454836	ITIH5L	0.00174027	0.229699	1.31372	1.31372	0.000389759	0.293983	-3.40155	0.00460835	0.442058	-2.26215	0.0122251	0.508722	-1.96571	0.00299781	0.414256	-2.41396	0.0895469	1.49969	1.49969	0.0410939	1.66574	1.66574	0.138987	0.708369	-1.41169	0.79461	0.945082	-1.05811	10.0395	7.453	0.659882	1
cg15907259	ITIH5L	0.00611348	0.181744	1.63818	1.63818	0.0780964	0.505796	-1.97708	0.477913	0.777839	-1.28561	0.0100426	0.322569	-3.10011	0.00423813	0.263696	-3.79225	0.01128	3.01955	3.01955	0.00932003	3.1533	3.1533	0.670531	0.861564	-1.16068	0.852073	1.06716	1.06716	6.89912	13.2479	1.70687	1
cg06452893	ITIH5L	0.0285045	0.61247	0.844206	-1.18455	0.584297	0.832617	-1.20103	0.199021	0.637661	-1.56823	0.227879	1.52143	1.52143	0.00206527	0.23728	-4.21443	0.200954	1.56487	1.56487	0.0537189	2.06732	2.06732	0.180396	0.623999	-1.60257	0.269559	0.683045	-1.46403	4.16149	7.24484	1.54749	1
cg01546430	ITK	2.49E-06	0.000861451	0.377802	-2.64689	4.00E-06	0.124392	-8.03912	1.29E-05	0.168071	-5.94985	2.32E-06	0.10653	-9.38707	1.30E-05	0.168543	-5.93322	7.38E-06	0.146425	-6.82946	6.35E-07	0.0705549	-14.1734	0.000129641	0.274285	-3.64585	3.74E-05	0.214094	-4.67085	58.0671	34.8083	0.532843	1
cg26329274	ITK	7.79E-05	0.574401	0.843068	-1.18614	0.000379227	0.181184	-5.51924	0.0365185	0.481355	-2.07747	0.000220351	0.156929	-6.3723	5.88E-05	0.106704	-9.37168	0.000143414	0.139246	-7.18155	1.14E-05	0.0606411	-16.4905	0.0149696	0.406569	-2.45961	0.000444798	0.188719	-5.2989	23.6641	33.9226	1.27423	1
cg09453312	ITK	0.00197167	0.000631355	0.0963366	-10.3803	0.0184814	0.280022	-3.57115	0.0445944	0.357964	-2.79358	0.0216341	0.292719	-3.41625	0.00935026	0.230304	-4.3421	0.0726385	0.409751	-2.44051	0.00019799	0.0616912	-16.2098	0.0018357	0.139257	-7.18097	0.0161639	0.269597	-3.70923	9.68205	30.4312	2.79382	1
cg08972954	ITK	0.00366335	0.00171592	0.22705	-4.40431	0.0209794	0.398517	-2.5093	0.000873323	0.191307	-5.22721	0.00514417	0.294012	-3.40122	0.0022408	0.242283	-4.1274	0.183058	0.626247	-1.59681	0.00400766	0.277763	-3.60019	0.098653	0.548864	-1.82194	0.338836	0.721371	-1.38625	8.06285	14.0139	1.54496	1
cg20929557	ITLN1	0.0127248	0.00355885	0.410487	-2.43613	0.669103	0.907625	-1.10178	0.0265738	0.552886	-1.80869	0.544387	1.14834	1.14834	0.0803002	0.645717	-1.54867	0.00578986	0.442649	-2.25913	0.00276276	0.394253	-2.53644	0.156887	0.710822	-1.40682	0.0980779	0.664257	-1.50544	5.4682	4.40161	0.715509	1
cg10094191	ITLN1	0.0143272	0.91914	0.983323	-1.01696	0.00202084	0.486164	-2.05692	0.118118	0.755019	-1.32447	0.287138	0.832731	-1.20087	0.0431445	0.680229	-1.47009	0.707073	0.939393	-1.06452	0.766939	0.951968	-1.05046	0.0398814	0.674747	-1.48204	0.00121544	0.456455	-2.1908	5.25976	2.28486	0.386137	1
cg07145783	ITLN1	0.0284351	0.0125301	0.178199	-5.61171	0.117581	0.389087	-2.57012	0.048308	0.285602	-3.50138	0.169863	0.44397	-2.2524	0.00625027	0.138204	-7.23568	0.110255	0.38035	-2.62916	0.012971	0.180419	-5.54266	0.0169125	0.198263	-5.04381	0.0415349	0.271103	-3.68864	4.16508	20.3461	4.34216	1
cg18641937	ITLN2	0.00242466	0.566795	0.869133	-1.15057	0.078683	1.60496	1.60496	0.391643	1.23692	1.23692	0.857105	1.04463	1.04463	0.000789961	0.292663	-3.4169	0.587179	0.875637	-1.14203	0.0273746	1.88193	1.88193	0.000339	0.246865	-4.0508	0.679757	1.10579	1.10579	9.11369	8.47105	0.82621	1
cg04978470	ITLN2	0.00351205	0.00213281	0.139052	-7.19154	0.468478	1.40106	1.40106	0.039752	0.337238	-2.96527	0.0291421	0.3087	-3.23939	0.0007758	0.0977379	-10.2314	0.00583744	0.192011	-5.20805	0.00557697	0.189319	-5.28209	0.0052597	0.185909	-5.37898	0.0595381	0.378227	-2.64391	8.1654	27.0308	2.94258	1
cg21272095	ITLN2	0.00701273	0.138347	0.632779	-1.58033	0.279883	1.38016	1.38016	0.0739045	1.77067	1.77067	0.899621	1.03686	1.03686	0.0207889	0.450135	-2.22155	0.82451	0.938286	-1.06577	0.365773	1.30542	1.30542	0.000266314	0.179618	-5.56738	0.7563	1.0934	1.0934	6.61137	8.61419	1.15816	1
cg15836912	ITLN2	0.00850616	0.111062	0.618263	-1.61744	0.671884	0.888687	-1.12526	0.057743	0.551936	-1.81181	0.165721	0.664003	-1.50602	0.00469621	0.353174	-2.83147	0.10065	0.607683	-1.64559	0.667011	1.12738	1.12738	0.000253141	0.18814	-5.31519	0.139819	0.644	-1.55279	6.22259	7.56132	1.08012	1
cg24528307	ITLN2	0.0193488	0.00703261	0.176262	-5.67337	0.556183	0.7434	-1.34517	0.0522866	0.333016	-3.00286	0.702649	0.826077	-1.21054	0.0082521	0.185832	-5.3812	0.535244	0.731406	-1.36723	0.595755	0.765887	-1.30568	0.00152507	0.102975	-9.71113	0.140548	0.453962	-2.20283	4.75769	18.6986	3.4935	1
cg12856407	ITM2A;ITM2A	0.000119066	0.146602	0.639887	-1.56278	0.00914237	2.58239	2.58239	0.920745	1.02893	1.02893	0.312284	1.3492	1.3492	0.90051	1.03649	1.03649	0.455974	0.804475	-1.24305	0.398106	0.780428	-1.28135	1.24E-06	35.9227	35.9227	0.620188	1.1539	1.1539	21.1293	27.4768	1.15592	1
cg19002828	ITM2A;ITM2A	0.00173077	0.000730108	0.133445	-7.4937	0.0112487	0.287792	-3.47473	0.0486777	0.413475	-2.41853	0.0178813	0.323386	-3.09228	0.0978988	0.490581	-2.0384	0.033313	0.376956	-2.65283	0.000118167	0.0711574	-14.0533	0.289158	0.649504	-1.53964	0.00143382	0.16397	-6.09866	10.0554	24.499	2.16569	1
cg06208111	ITM2A;ITM2A	0.00385403	0.00191278	0.164105	-6.09366	0.00060745	0.113861	-8.78265	0.00896214	0.254922	-3.92277	0.0204445	0.317059	-3.15398	0.00622774	0.230784	-4.33306	0.0244594	0.332122	-3.01095	0.00430941	0.208173	-4.8037	0.0316097	0.354769	-2.81874	0.0260201	0.337462	-2.9633	7.94088	21.2649	2.38036	1
cg15682807	ITM2A;ITM2A	0.0317528	0.319463	0.36809	-2.71673	0.718772	1.42089	1.42089	0.969036	1.03843	1.03843	0.0985222	5.81224	5.81224	0.435247	2.16695	2.16695	0.143394	0.217083	-4.60652	0.291359	0.34521	-2.89678	0.00119692	100.644	100.644	0.546809	1.80822	1.80822	4.00497	59.8567	13.285	1
cg13788061	ITM2A;ITM2A;ITM2A;ITM2A	0.0157196	0.03531	0.240648	-4.15544	0.238148	0.487716	-2.05037	0.10207	0.353511	-2.82876	0.344853	1.76013	1.76013	0.135163	0.392239	-2.54947	0.106643	0.359252	-2.78356	0.0194671	0.193728	-5.16188	0.00330982	10.224	10.224	0.487507	0.663716	-1.50667	5.10087	27.2806	4.75397	1
cg10894453	ITM2A;ITM2A;ITM2A;ITM2A	0.0498165	0.273589	0.365635	-2.73497	0.262267	2.80732	2.80732	0.697468	0.70824	-1.41195	0.544571	1.71867	1.71867	0.600476	1.59464	1.59464	0.665045	0.680673	-1.46913	0.190732	0.294199	-3.39906	0.00150688	56.7009	56.7009	0.961058	0.957799	-1.04406	3.39287	41.9037	10.9782	1
cg05714563	ITM2B	4.92E-06	0.025139	0.703832	-1.42079	0.107614	0.793302	-1.26055	0.628818	1.06634	1.06634	0.847107	0.974867	-1.02578	0.13943	0.810799	-1.23335	0.504061	1.09352	1.09352	0.0103182	0.653013	-1.53136	3.60E-08	0.0744951	-13.4237	0.507707	1.09266	1.09266	48.7323	13.421	0.244802	1
cg05801989	ITM2B	0.00413446	0.0130587	0.355707	-2.8113	0.402432	1.3333	1.3333	0.26	1.48353	1.48353	0.46991	1.27991	1.27991	0.00605048	0.300124	-3.33196	0.000332389	0.143102	-6.98801	?	?	?	0.0938213	0.538738	-1.85619	0.302614	0.698745	-1.43114	7.94382	12.6025	1.58645	1
cg10962336	ITM2B	0.0277175	0.653008	1.09228	1.09228	0.00696686	1.97558	1.97558	0.0106378	1.87099	1.87099	0.190985	1.31005	1.31005	0.626651	1.10034	1.10034	0.611271	1.10514	1.10514	0.739833	1.06716	1.06716	0.0129487	1.82512	1.82512	0.00681042	1.98143	1.98143	4.20276	2.53229	0.535581	1
cg27300829	ITM2B	0.0313437	0.965547	0.981105	-1.01926	0.0633798	2.51439	2.51439	0.0195719	3.47602	3.47602	0.0514532	2.66244	2.66244	0.551112	0.766173	-1.30519	0.371707	1.49939	1.49939	0.0899199	0.438002	-2.2831	0.00603339	4.87569	4.87569	0.745422	0.865991	-1.15475	4.02357	12.4293	2.74589	1
cg17009069	ITM2C;ITM2C;ITM2C	0.00533493	0.610023	0.871503	-1.14744	0.00772528	0.400537	-2.49665	0.00354476	0.347578	-2.87705	0.569129	1.16632	1.16632	0.0794654	0.594226	-1.68286	0.00546414	0.376423	-2.65658	0.00176994	0.304082	-3.28858	0.295412	1.33658	1.33658	0.0129722	0.438485	-2.28058	7.19449	8.14579	1.00642	1
cg22177286	ITM2C;ITM2C;ITM2C	0.0122488	0.0525874	2.34885	2.34885	0.00668071	3.9098	3.9098	0.983999	0.992259	-1.0078	0.882204	1.05914	1.05914	0.00468054	0.232961	-4.29256	0.298889	1.51773	1.51773	0.267622	0.639241	-1.56435	0.0219562	2.90087	2.90087	0.109992	1.96412	1.96412	5.53648	13.1659	2.1138	1
cg13274936	ITM2C;ITM2C;ITM2C	0.0185062	0.337128	1.1966	1.1966	0.0937872	0.715891	-1.39686	0.232388	0.796804	-1.25501	0.347101	0.838956	-1.19196	0.116353	1.36273	1.36273	0.00610056	0.522428	-1.91414	0.0024021	0.464389	-2.15337	0.112275	0.730809	-1.36835	0.911371	0.980007	-1.0204	4.82981	2.51634	0.463112	1
cg18994033	ITM2C;ITM2C;ITM2C	0.0238033	0.0629367	0.453289	-2.2061	0.00237776	0.201454	-4.96391	0.0522856	0.433962	-2.30435	0.725256	1.14276	1.14276	0.0363589	0.398459	-2.50967	0.135146	0.543828	-1.83882	0.00746969	0.271815	-3.67897	0.113336	0.521178	-1.91873	0.0759861	0.473873	-2.11027	4.432	10.0399	2.01363	1
cg20333027	ITM2C;ITM2C;ITM2C	0.0436641	0.0688754	2.16776	2.16776	0.0720548	2.14471	2.14471	0.829538	0.921333	-1.08538	0.0543108	2.29296	2.29296	0.0218313	0.3514	-2.84576	0.74828	1.13016	1.13016	0.619213	0.826641	-1.20971	0.0230486	2.80906	2.80906	0.229074	1.6155	1.6155	3.56544	8.15473	2.03303	1
cg16819369	ITM2C;ITM2C;ITM2C;ITM2C;ITM2C;ITM2C	0.0307401	0.0726752	1.2264	1.2264	0.032306	1.29106	1.29106	0.015328	1.35438	1.35438	0.704651	1.03957	1.03957	0.0465102	1.26158	1.26158	0.311453	0.898774	-1.11263	0.159187	0.857838	-1.16572	0.284508	1.11998	1.11998	0.0131704	1.36787	1.36787	4.05156	0.666507	0.146228	1
cg24854787	ITPA;ITPA	3.79E-06	0.0227922	0.827824	-1.20799	0.0142382	1.23326	1.23326	0.319454	1.07395	1.07395	0.416074	0.943992	-1.05933	0.380029	0.939467	-1.06443	0.00369561	0.761819	-1.31265	1.23E-05	0.527532	-1.89562	1.34E-07	3.17446	3.17446	0.915033	1.00743	1.00743	52.111	3.96841	0.0676916	1
cg21211263	ITPA;ITPA	0.00307853	0.557282	1.13322	1.13322	0.0531324	1.58879	1.58879	0.00320734	2.33398	2.33398	0.158602	0.727956	-1.37371	0.000412853	0.306944	-3.25792	0.0225418	0.562363	-1.77821	0.164677	0.731732	-1.36662	0.453057	1.17475	1.17475	0.541928	0.878022	-1.13892	8.4927	5.97119	0.624974	1
cg06083669	ITPA;ITPA	0.00327644	0.00395643	0.426743	-2.34333	0.0237996	0.552808	-1.80895	0.177641	0.729958	-1.36994	0.278203	0.780557	-1.28114	0.000375247	0.286637	-3.48873	0.845315	0.957991	-1.04385	0.00106909	0.345703	-2.89265	0.187948	1.35875	1.35875	0.164521	0.721916	-1.3852	8.33659	6.37394	0.679621	1
cg06580891	ITPA;ITPA	0.0279923	0.0500512	1.45649	1.45649	0.89832	1.02175	1.02175	0.989751	1.00216	1.00216	0.0854286	1.3771	1.3771	0.611836	0.917484	-1.08994	0.145861	0.768927	-1.30051	0.0371134	0.66545	-1.50274	0.0054617	0.540636	-1.84967	0.107145	0.74381	-1.34443	4.18819	1.87856	0.398699	1
cg17027046	ITPA;ITPA	0.0369123	0.34664	0.882811	-1.13275	?	?	?	0.0317753	1.38225	1.38225	0.0591288	1.3153	1.3153	0.973698	1.00425	1.00425	0.304264	0.872111	-1.14664	0.0297917	0.719727	-1.38942	0.655841	1.05939	1.05939	0.0290218	0.718214	-1.39234	3.85396	0.897479	0.232872	1
cg13729548	ITPK1	0.00137871	0.00876587	0.534673	-1.8703	0.41368	0.854944	-1.16967	0.0679727	0.681566	-1.46721	0.205943	0.778633	-1.2843	0.0041637	0.486645	-2.05489	0.00065817	0.375793	-2.66104	0.00488598	0.496789	-2.01293	0.000230881	0.317736	-3.14726	0.000772836	0.385012	-2.59732	10.7366	5.98059	0.495134	1
cg05049312	ITPK1	0.0225622	0.300179	0.813426	-1.22937	0.933318	1.01623	1.01623	0.554949	1.12171	1.12171	0.944676	1.01344	1.01344	0.0105676	0.538701	-1.85632	0.831281	1.04189	1.04189	0.00168994	2.3702	2.3702	0.144054	1.35238	1.35238	0.697192	0.927549	-1.07811	4.51464	2.64515	0.520806	1
cg16157895	ITPK1;ITPK1;ITPK1	0.00141021	0.407165	0.883432	-1.13195	0.193331	1.22287	1.22287	0.00135499	0.506575	-1.97404	0.831857	1.03157	1.03157	0.0172408	1.52823	1.52823	0.169738	0.807522	-1.23836	0.000230164	2.44499	2.44499	0.00754079	1.65291	1.65291	0.804445	1.03693	1.03693	10.6672	3.6097	0.300792	1
cg10871863	ITPK1;ITPK1;ITPK1	0.00169039	0.00262252	0.364179	-2.7459	0.026103	0.527249	-1.89664	0.00919268	0.448466	-2.22982	0.0322304	1.837	1.837	0.0357072	0.552853	-1.8088	0.00231185	0.356243	-2.80707	0.0106852	2.1773	2.1773	0.0447531	1.74828	1.74828	0.283558	0.763269	-1.31015	10.1244	9.42729	0.827688	1
cg24032156	ITPK1;ITPK1;ITPK1	0.00949293	0.226616	1.40977	1.40977	0.144132	1.52877	1.52877	0.0688661	0.576499	-1.73461	0.043086	1.8769	1.8769	0.00728496	0.392096	-2.5504	0.017682	2.18266	2.18266	0.00976544	0.413144	-2.42046	0.334763	0.764067	-1.30879	0.516583	0.837022	-1.19471	6.00962	6.9651	1.03021	1
cg10527288	ITPK1;ITPK1;ITPK1	0.0100408	0.293769	0.710656	-1.40715	0.845374	1.06315	1.06315	0.696205	0.884202	-1.13096	0.195887	1.53569	1.53569	0.000180426	0.136967	-7.30104	0.458757	1.26696	1.26696	0.29341	0.710462	-1.40753	0.713734	0.890866	-1.1225	0.250384	1.45749	1.45749	5.90293	9.19676	1.38489	1
cg01865108	ITPK1;ITPK1;ITPK1	0.0135709	0.843097	0.977265	-1.02326	0.00119074	1.7356	1.7356	0.100943	1.23179	1.23179	0.222454	1.16042	1.16042	0.870412	0.981232	-1.01913	0.114371	1.22053	1.22053	0.131148	1.20821	1.20821	0.00194109	1.66325	1.66325	0.57993	0.937183	-1.06703	5.35432	1.14196	0.189581	1
cg22967233	ITPK1;ITPK1;ITPK1	0.0161693	0.206137	0.675993	-1.47931	0.121908	0.611216	-1.63608	0.217187	1.46409	1.46409	0.179289	1.52023	1.52023	0.694169	1.12304	1.12304	0.00107921	0.24236	-4.12609	0.167237	1.54081	1.54081	0.0762951	1.78438	1.78438	0.432791	1.26497	1.26497	5.05326	6.90006	1.21375	1
cg13183355	ITPK1;ITPK1;ITPK1	0.0350561	0.233581	0.785932	-1.27238	0.936931	1.01538	1.01538	0.346089	1.20582	1.20582	0.526228	1.13187	1.13187	0.259621	1.25461	1.25461	0.285747	1.23843	1.23843	0.00069607	2.71251	2.71251	0.961935	1.00925	1.00925	0.642191	0.913699	-1.09445	3.86489	2.27729	0.523755	1
cg07005994	ITPK1;ITPK1;ITPK1	0.042139	0.0962893	0.498333	-2.00669	0.826357	1.0874	1.0874	0.511243	1.28932	1.28932	0.0651026	2.20312	2.20312	0.97275	1.01311	1.01311	0.040098	2.4712	2.4712	0.00288347	4.77301	4.77301	0.798731	0.907146	-1.10236	0.464655	1.3282	1.3282	3.6129	8.32312	2.04776	1
cg09299055	ITPKA	0.000359873	0.0112815	2.9655	2.9655	0.0244119	2.50571	2.50571	0.235666	1.53063	1.53063	0.6298	1.18099	1.18099	0.00100503	0.187818	-5.3243	0.674185	0.86517	-1.15584	0.00343506	3.90131	3.90131	3.74E-05	15.0846	15.0846	0.00346902	3.8921	3.8921	15.6491	29.0772	1.65162	1
cg27501645	ITPKA	0.00173963	0.0278783	3.05328	3.05328	0.0137811	3.69785	3.69785	0.227417	1.72337	1.72337	0.208472	1.76752	1.76752	0.0131847	3.7433	3.7433	0.0189464	3.38916	3.38916	6.50E-05	23.3483	23.3483	0.00116271	7.75782	7.75782	0.00718758	4.43923	4.43923	10.0406	29.3402	2.59748	1
cg16909718	ITPKA	0.0023781	0.729296	0.968451	-1.03258	0.000747876	1.60332	1.60332	0.0283429	0.787539	-1.26978	0.109753	0.85139	-1.17455	0.0390687	0.802208	-1.24656	0.438746	1.0756	1.0756	0.0518619	1.22649	1.22649	0.0569523	0.819725	-1.21992	0.00184616	0.664991	-1.50378	9.16575	1.23612	0.119878	1
cg08680048	ITPKA	0.00663193	0.0787744	6.88235	6.88235	0.041934	10.1397	10.1397	0.0768985	6.98556	6.98556	0.122634	5.22252	5.22252	0.0748135	0.140745	-7.10507	0.441448	2.17192	2.17192	0.000749161	156.592	156.592	0.00385248	46.9001	46.9001	0.0156248	18.7075	18.7075	6.72727	104.028	13.7455	1
cg20272979	ITPKA	0.0117347	0.0245296	4.80262	4.80262	0.00431226	9.35023	9.35023	0.0904314	2.98278	2.98278	0.139138	2.54075	2.54075	0.0497673	3.70963	3.70963	0.0179458	5.39068	5.39068	0.00218507	12.3971	12.3971	0.00517536	8.68978	8.68978	0.0443587	3.86815	3.86815	5.61403	30.5087	4.83056	1
cg03927133	ITPKA	0.0124315	0.0454623	4.86126	4.86126	0.0215622	6.70151	6.70151	0.109121	3.33429	3.33429	0.162843	2.79224	2.79224	0.0689791	4.06615	4.06615	0.0138122	8.14602	8.14602	0.00129673	25.2793	25.2793	0.00556895	12.3036	12.3036	0.0145025	7.97228	7.97228	5.50988	41.4597	6.68853	1
cg03177551	ITPKA	0.0150213	0.0452708	4.54013	4.54013	0.00442685	12.2061	12.2061	0.0563658	4.15076	4.15076	0.168847	2.62668	2.62668	0.237449	2.25978	2.25978	0.0406964	4.74239	4.74239	0.0029685	14.6724	14.6724	0.00486205	11.6995	11.6995	0.033034	5.16565	5.16565	5.17827	35.5878	6.10891	1
cg11789612	ITPKA	0.023464	0.0415684	12.7883	12.7883	0.0632983	9.63319	9.63319	0.235269	3.85426	3.85426	0.132251	5.82371	5.82371	0.0513052	11.0983	11.0983	0.0284747	16.5123	16.5123	0.00227679	102.397	102.397	0.0086388	37.7644	37.7644	0.0329227	14.9672	14.9672	4.45405	82.9826	16.5607	1
cg12386646	ITPKA	0.0288611	0.0506337	5.77992	5.77992	0.0388942	6.57606	6.57606	0.0898742	4.36073	4.36073	0.0673393	5.0268	5.0268	0.0410358	6.40576	6.40576	0.203886	2.8756	2.8756	0.00328003	23.4815	23.4815	0.0122293	11.6903	11.6903	0.0271976	7.83897	7.83897	4.14326	40.7148	8.7349	1
cg26589785	ITPKA	0.0387752	0.171316	1.94113	1.94113	0.0114118	4.22861	4.22861	0.106925	2.22886	2.22886	0.495419	1.37057	1.37057	0.325802	1.58728	1.58728	0.198408	1.857	1.857	0.00233691	6.92347	6.92347	0.0414817	2.91725	2.91725	0.0596535	2.63238	2.63238	3.72548	12.2361	2.91949	1
cg02330683	ITPKA	0.0419617	0.127113	2.0085	2.0085	0.0359318	2.80523	2.80523	0.185968	1.80892	1.80892	0.214069	1.73834	1.73834	0.251602	1.65908	1.65908	0.0935543	2.18052	2.18052	0.00399103	5.13286	5.13286	0.00723453	4.32686	4.32686	0.0882093	2.21486	2.21486	3.61855	10.2389	2.51517	1
cg04503570	ITPKB	1.15E-05	3.72E-06	0.230212	-4.34383	0.11681	0.793422	-1.26036	0.00766816	0.627883	-1.59265	6.02E-05	0.365383	-2.73685	1.81E-06	0.198913	-5.02731	0.0154989	1.49669	1.49669	0.169192	1.22008	1.22008	0.566143	1.08195	1.08195	0.000557594	0.483281	-2.06919	39.1046	11.4228	0.259653	1
cg12221970	ITPKB	0.000821406	0.000820232	0.414318	-2.41361	0.0405573	0.661466	-1.51179	0.197877	0.788333	-1.2685	0.027115	0.633085	-1.57957	0.00220647	0.472466	-2.11656	0.985633	1.00315	1.00315	0.016174	1.6722	1.6722	0.000950269	0.422806	-2.36515	0.000309095	0.359463	-2.78193	12.4393	6.01635	0.429918	1
cg23717186	ITPKB	0.002882	0.00414392	0.46139	-2.16736	0.868608	0.967231	-1.03388	0.0398521	1.61307	1.61307	0.37323	0.831973	-1.20196	0.000773197	0.359101	-2.78473	0.0944068	0.690729	-1.44775	0.00423263	2.16098	2.16098	0.0707617	0.666089	-1.5013	0.492601	0.869147	-1.15055	8.66062	5.55496	0.570137	1
cg24544320	ITPKB	0.00371392	0.856748	1.08023	1.08023	0.0021219	6.32539	6.32539	0.0359842	2.83439	2.83439	0.368631	1.48344	1.48344	0.0954706	0.45739	-2.18632	0.0136834	0.271933	-3.67737	0.00439018	5.076	5.076	0.0140709	3.64933	3.64933	0.114488	0.480398	-2.08161	8.02974	23.1957	2.56775	1
cg16177187	ITPKB	0.00410869	0.219377	0.619817	-1.61338	0.00106745	5.99428	5.99428	0.17344	1.70985	1.70985	0.649673	1.18454	1.18454	0.0197162	0.352382	-2.83783	0.00718712	0.276625	-3.615	0.113611	1.89187	1.89187	0.0916794	1.98924	1.98924	0.0413465	0.418343	-2.39038	7.78925	16.9202	1.93089	1
cg14711690	ITPKB	0.00441421	0.0484623	1.6238	1.6238	0.194339	1.34345	1.34345	0.589095	1.12441	1.12441	0.548227	1.13956	1.13956	0.04046	1.66341	1.66341	0.00117261	2.7848	2.7848	0.000432666	3.3096	3.3096	0.00992746	2.01442	2.01442	0.00516425	2.21225	2.21225	7.62208	5.58158	0.650926	1
cg26917828	ITPKB	0.00595019	0.836128	0.88248	-1.13317	0.00127847	17.0302	17.0302	0.0262029	4.91323	4.91323	0.198179	2.27246	2.27246	0.276601	0.505072	-1.97992	0.0361852	0.229848	-4.35071	0.0297996	4.68036	4.68036	0.0267842	4.87265	4.87265	0.0525761	0.264413	-3.78196	6.95703	40.1429	5.12899	1
cg26604311	ITPKB	0.00928174	0.43484	1.09074	1.09074	0.849007	0.979438	-1.02099	0.0760905	0.806413	-1.24006	0.69159	1.04442	1.04442	0.763288	1.03347	1.03347	0.5507	1.06802	1.06802	0.000153249	0.492868	-2.02894	0.702534	1.04271	1.04271	0.565805	1.06532	1.06532	6.05281	1.13909	0.167282	1
cg16265553	ITPKB	0.0114176	0.00385432	0.159556	-6.2674	0.00313408	0.149011	-6.71089	0.0296569	0.299211	-3.34213	0.106776	0.43606	-2.29326	0.00334918	0.152335	-6.56449	0.494933	0.721339	-1.38631	0.0366425	0.31839	-3.1408	0.0184656	0.260013	-3.84596	0.065658	0.377696	-2.64763	5.66401	19.9287	3.12754	1
cg05488984	ITPKB	0.0125256	0.0630004	0.67878	-1.47323	0.00371172	0.483721	-2.06731	0.206696	0.781362	-1.27982	0.81078	0.956538	-1.04544	0.751141	0.942762	-1.06071	0.644992	0.917644	-1.08975	0.00165411	2.30286	2.30286	0.318456	0.826116	-1.21048	0.719195	0.935302	-1.06917	5.49637	2.98757	0.483158	1
cg15834037	ITPKB	0.0154609	0.0574887	0.373804	-2.6752	0.215362	0.550291	-1.81722	0.0308111	0.312976	-3.19513	0.254677	0.579987	-1.72418	0.000379816	0.0742667	-13.465	0.0993022	0.437118	-2.28771	0.230133	0.561763	-1.78011	0.412458	0.681263	-1.46786	0.0162087	0.260033	-3.84566	5.12904	17.0419	2.95345	1
cg04102510	ITPKB	0.0156064	0.0134163	0.278341	-3.59272	0.0537749	2.49606	2.49606	0.00911431	0.250623	-3.99005	0.00477069	0.209084	-4.78276	0.515319	1.31726	1.31726	0.671122	1.19531	1.19531	0.228818	0.590058	-1.69475	0.521441	1.31185	1.31185	0.307235	0.643069	-1.55504	5.11313	14.1291	2.45627	1
cg09076339	ITPKB	0.0171279	0.301981	0.696899	-1.43493	0.368931	0.732257	-1.36564	0.159876	0.602219	-1.66053	0.96383	0.984803	-1.01543	0.018734	0.382125	-2.61694	0.492246	1.26559	1.26559	0.000865415	0.184821	-5.41063	0.11122	1.79664	1.79664	0.0974727	0.541129	-1.84799	4.95704	8.95301	1.60544	1
cg02555393	ITPKB	0.0208989	0.0184376	0.665921	-1.50168	0.62553	0.932441	-1.07245	0.723109	0.950664	-1.0519	0.20625	0.827282	-1.20878	0.00397031	0.57645	-1.73476	0.491936	0.9055	-1.10436	0.0107554	1.57739	1.57739	0.420737	1.1241	1.1241	0.364046	0.875765	-1.14186	4.63466	1.48468	0.284749	1
cg03199014	ITPKB	0.0216473	0.0950296	1.51315	1.51315	0.295795	1.27734	1.27734	0.388887	1.22064	1.22064	0.015314	1.95845	1.95845	0.0116729	2.0372	2.0372	0.026357	1.81241	1.81241	0.0013459	2.86235	2.86235	0.104055	1.49372	1.49372	0.496788	1.16857	1.16857	4.57924	3.6972	0.717674	1
cg22021597	ITPKB	0.0221003	0.939604	1.01954	1.01954	0.518195	1.18206	1.18206	0.0378435	0.540702	-1.84945	0.856067	0.954697	-1.04745	0.00361559	0.365798	-2.73375	0.0630376	1.70565	1.70565	0.124058	1.52999	1.52999	0.715487	1.09798	1.09798	0.0298443	0.520658	-1.92065	4.54684	4.69511	0.917876	1
cg22444124	ITPKB	0.022485	0.233313	2.10512	2.10512	0.480902	0.65261	-1.53231	0.024088	4.96519	4.96519	0.18426	2.31393	2.31393	0.0792204	0.31326	-3.19223	0.603418	0.731846	-1.36641	0.564555	1.41469	1.41469	0.0954681	2.97726	2.97726	0.00175972	14.2205	14.2205	4.51996	25.3997	4.99507	1
cg16405703	ITPKB	0.0229463	0.308258	0.775329	-1.28977	0.230964	0.738448	-1.35419	0.0153658	0.48782	-2.04994	0.904455	0.97144	-1.0294	0.000540361	0.273018	-3.66276	0.997624	0.999282	-1.00072	0.854812	0.956764	-1.04519	0.896438	1.03192	1.03192	0.193029	0.717206	-1.3943	4.48847	4.13895	0.819671	1
cg19030737	ITPKB	0.0253875	0.0105662	0.128523	-7.78069	0.0202548	0.167678	-5.9638	0.0123781	0.137216	-7.28777	0.200108	0.421732	-2.37117	0.0217363	0.17251	-5.79676	0.0171366	0.156721	-6.38075	0.0404031	0.220872	-4.52751	0.0191005	0.163756	-6.10664	0.0851848	0.296997	-3.36704	4.33397	27.9308	5.72856	1
cg04213163	ITPKB	0.0342599	0.0513648	0.50645	-1.97453	0.360508	1.33415	1.33415	0.746051	0.905149	-1.10479	0.442164	0.786364	-1.27167	0.00223116	0.268911	-3.7187	0.0475861	0.499134	-2.00347	0.081617	0.553279	-1.80741	0.690522	0.884498	-1.13058	0.0319322	0.462571	-2.16183	3.89712	5.80522	1.32411	1
cg25287071	ITPKB	0.0370203	0.291149	0.727488	-1.37459	0.3272	1.34148	1.34148	0.0300503	2.09835	2.09835	0.0344108	0.488403	-2.04749	0.379572	1.29928	1.29928	0.123128	1.62439	1.62439	0.234416	1.43623	1.43623	0.0645794	1.82757	1.82757	0.0454344	0.513534	-1.94729	3.78911	5.06255	1.18763	1
cg13432682	ITPKB	0.0374988	0.115874	0.453415	-2.20548	0.00248945	6.99599	6.99599	0.163378	1.99069	1.99069	0.709902	0.841193	-1.18879	0.69525	0.833428	-1.19986	0.990494	1.00553	1.00553	0.294957	0.604903	-1.65316	0.0463807	2.87488	2.87488	0.718188	0.845585	-1.18261	3.77139	12.7941	3.01547	1
cg11401257	ITPKB	0.043767	0.0233485	0.227233	-4.40077	0.0834685	0.350751	-2.85102	0.0211197	0.219517	-4.55545	0.140825	0.420541	-2.37789	0.0373908	0.266895	-3.74679	0.0312303	0.251023	-3.9837	?	?	?	0.0157806	0.198414	-5.03997	0.194088	0.471764	-2.1197	3.61694	15.2258	4.20956	1
cg02814998	ITPKB;ITPKB	0.0105555	0.00109279	0.418471	-2.38965	0.331419	1.19867	1.19867	0.021212	0.605952	-1.6503	0.257146	0.807459	-1.23845	0.00477824	0.507963	-1.96865	0.0118392	0.566508	-1.7652	0.192382	0.779181	-1.2834	0.110492	0.730145	-1.36959	0.0871206	0.710622	-1.40722	5.8091	3.00866	0.460375	1
cg11601297	ITPKC;ADCK4	0.0399155	0.117188	0.457147	-2.18748	0.5293	1.34061	1.34061	0.403971	1.4811	1.4811	0.64909	1.23455	1.23455	0.0218375	0.282032	-3.5457	0.0880207	0.420665	-2.37719	0.0029261	0.15257	-6.55435	0.360795	0.649142	-1.54049	0.278262	0.595376	-1.67961	3.68601	12.3501	2.97826	1
cg24699271	ITPR1;ITPR1;ITPR1	0.000160371	0.00413092	0.551152	-1.81438	0.217136	0.81779	-1.22281	1.31E-05	0.242538	-4.12306	0.00305855	0.533478	-1.87449	2.88E-05	0.280238	-3.56839	0.0128673	0.619744	-1.61357	0.00154859	0.494048	-2.02409	0.00233598	0.517769	-1.93136	0.00306674	0.533634	-1.87394	19.5021	7.41153	0.337811	1
cg21407899	ITPR1;ITPR1;ITPR1	0.000440187	0.000485281	0.480254	-2.08223	0.0422475	0.730708	-1.36854	0.0322407	1.39975	1.39975	0.0358034	0.720696	-1.38755	5.09E-05	0.361376	-2.7672	0.134023	0.805177	-1.24196	0.0187806	0.682637	-1.46491	0.0249855	0.699307	-1.42999	0.000316167	0.457279	-2.18685	14.8037	4.21595	0.253146	1
cg16217751	ITPR1;ITPR1;ITPR1	0.001158	0.409347	0.774347	-1.29141	0.107725	0.587436	-1.70231	0.0144697	0.401219	-2.4924	0.101536	0.58081	-1.72173	0.000520115	0.193942	-5.15618	0.00339521	0.299082	-3.34356	0.000188257	0.148204	-6.74747	0.0102675	0.375148	-2.66561	0.000429341	0.184727	-5.41338	11.2859	16.4185	1.29314	1
cg15168603	ITPR1;ITPR1;ITPR1	0.00182581	0.115187	0.740648	-1.35017	0.0432014	1.50334	1.50334	0.0103977	0.568016	-1.76051	0.572111	0.904775	-1.10525	0.0476505	0.672322	-1.48738	0.784413	1.04924	1.04924	4.01E-05	0.252752	-3.95645	0.476137	0.880731	-1.13542	0.60691	0.913047	-1.09523	9.90081	4.81802	0.432559	1
cg23662097	ITPR1;ITPR1;ITPR1	0.00203851	0.0187847	0.492905	-2.02879	0.0801012	1.62009	1.62009	0.000662867	0.273804	-3.65225	0.000257149	0.224213	-4.46004	0.139546	0.673626	-1.4845	0.933015	1.02111	1.02111	0.798411	1.06566	1.06566	0.26631	1.33349	1.33349	0.0405829	0.555671	-1.79963	9.58846	9.37647	0.869237	1
cg24131262	ITPR1;ITPR1;ITPR1	0.00408077	0.0251503	0.612128	-1.63364	0.158535	0.757459	-1.3202	0.0186793	0.59134	-1.69107	0.387994	0.849535	-1.17711	0.0455414	0.655334	-1.52594	7.69E-05	0.267099	-3.74393	0.451914	1.15171	1.15171	0.0693272	0.687649	-1.45423	0.135582	0.743452	-1.34508	7.80529	4.19889	0.478181	1
cg09710790	ITPR1;ITPR1;ITPR1	0.00660014	0.391256	0.825311	-1.21166	0.159824	0.72016	-1.38858	0.0223402	1.8191	1.8191	0.386304	0.823567	-1.21423	0.000266867	0.270375	-3.69857	0.31453	0.796659	-1.25524	?	?	?	0.254572	0.771043	-1.29695	0.437893	1.18881	1.18881	6.87817	4.62581	0.672536	1
cg21858376	ITPR1;ITPR1;ITPR1	0.00758952	0.35813	0.927873	-1.07773	0.360155	0.928181	-1.07738	0.30885	0.919951	-1.08701	0.196692	0.897507	-1.1142	0.0233653	0.806838	-1.23941	0.118084	1.14389	1.14389	0.00204057	0.708634	-1.41116	0.00499636	0.745046	-1.3422	0.0212933	1.24516	1.24516	6.44998	0.641083	0.0883493	1
cg24159247	ITPR1;ITPR1;ITPR1	0.0207016	0.0500852	0.364034	-2.747	0.0219226	0.288328	-3.46827	0.668501	0.822958	-1.21513	0.262473	0.589497	-1.69636	0.0022194	0.14387	-6.9507	0.0535139	0.370868	-2.69638	0.0637607	2.56679	2.56679	0.699504	1.19177	1.19177	0.295351	0.612094	-1.63374	4.64968	15.067	2.8804	1
cg08987995	ITPR1;ITPR1;ITPR1	0.0214528	0.239417	0.703548	-1.42137	0.00315064	0.316091	-3.16365	0.0912189	0.588056	-1.70052	0.0797996	0.574151	-1.7417	0.00892267	0.386924	-2.58449	0.177139	0.664035	-1.50594	0.143261	0.638294	-1.56668	0.0033134	0.319312	-3.13174	0.0937091	0.590906	-1.69232	4.59341	5.92623	1.14681	1
cg26389914	ITPR1;ITPR1;ITPR1	0.0219681	0.290442	0.487749	-2.05024	0.00305331	0.0702848	-14.2278	0.0873743	0.29083	-3.43843	0.116565	0.327626	-3.05226	0.0654172	0.258382	-3.87024	0.0475934	0.227033	-4.40464	0.0356646	0.201899	-4.95298	0.0438295	4.55459	4.55459	0.339532	0.525093	-1.90443	4.55621	30.9014	6.02868	1
cg14643330	ITPR1;ITPR1;ITPR1	0.0241324	0.304723	1.16318	1.16318	0.514218	0.910219	-1.09864	0.350428	1.14646	1.14646	0.0287239	0.692877	-1.44326	0.00337279	0.567199	-1.76305	0.111781	0.781693	-1.27927	0.487852	1.10543	1.10543	0.505544	0.908396	-1.10084	0.0391008	1.40435	1.40435	4.41099	1.4129	0.284724	1
cg10901633	ITPR1;ITPR1;ITPR1	0.0344133	0.938977	1.03253	1.03253	0.980402	1.01032	1.01032	0.0946503	0.463878	-2.15574	0.82391	1.09767	1.09767	0.000663314	0.113091	-8.84246	0.834802	0.916382	-1.09125	0.829016	0.913533	-1.09465	0.217614	0.581378	-1.72005	0.112462	0.48551	-2.05969	3.89084	10.7744	2.46149	1
cg15739913	ITPR1;ITPR1;ITPR1	0.0362456	0.0485326	0.332185	-3.01037	0.559167	1.33489	1.33489	0.548631	0.743185	-1.34556	0.956098	1.02729	1.02729	0.00150066	0.106715	-9.37077	0.141926	0.461992	-2.16454	0.062822	0.359279	-2.78336	0.101827	0.416522	-2.40083	0.102693	0.417614	-2.39455	3.81839	14.4627	3.3668	1
cg03648908	ITPR1;ITPR1;ITPR1	0.0378274	0.440449	0.45505	-2.19756	0.00738739	0.0316055	-31.64	0.0568681	0.11569	-8.64377	0.32297	0.359976	-2.77796	0.125371	0.190127	-5.25964	0.0622784	0.12242	-8.16863	0.0839092	0.147467	-6.78118	0.0340645	11.888	11.888	0.735928	0.712654	-1.40321	3.75939	59.6349	14.1004	1
cg03830585	ITPR1;ITPR1;ITPR1	0.0489246	0.070507	0.350655	-2.8518	0.337371	0.598833	-1.66992	0.029192	0.263869	-3.78975	0.328779	0.593005	-1.68633	0.165758	0.464722	-2.15183	0.0347675	0.279209	-3.58154	0.00207363	0.105624	-9.46758	0.369709	0.620276	-1.61219	0.245555	0.53277	-1.87698	3.41621	14.5422	3.78385	1
cg05795849	ITPR1;ITPR1;ITPR1;EGOT	0.000357535	0.191434	0.815515	-1.22622	0.0261932	0.677783	-1.4754	0.739022	0.951896	-1.05054	0.000412728	2.28553	2.28553	0.15539	1.25129	1.25129	0.362518	0.871097	-1.14798	2.84E-05	3.36455	3.36455	0.342866	1.15499	1.15499	0.0103602	0.621179	-1.60984	15.6772	5.39842	0.306087	1
cg02799411	ITPR1;ITPR1;ITPR1;EGOT	0.0220246	0.98057	0.993721	-1.00632	0.640749	0.885535	-1.12926	0.212164	0.711825	-1.40484	0.0114791	0.44132	-2.26593	0.00202053	0.324194	-3.08458	0.69926	0.904467	-1.10562	0.335615	1.29281	1.29281	0.0188323	0.479032	-2.08754	0.0479038	0.557109	-1.79498	4.55219	4.82353	0.941872	1
cg01088546	ITPR2	8.63E-05	0.0357724	0.731334	-1.36736	0.000101448	0.41396	-2.41569	0.000150883	0.434696	-2.30046	0.193977	0.838618	-1.19244	3.10E-05	0.353083	-2.8322	0.408585	1.11432	1.11432	0.0179885	0.692027	-1.44503	0.0180397	1.4447	1.4447	8.70E-05	0.40595	-2.46336	23.027	5.98158	0.230901	1
cg09257092	ITPR2	9.45E-05	0.144621	0.708548	-1.41134	0.00139317	2.76882	2.76882	0.399777	0.827343	-1.20869	2.44E-06	12.3571	12.3571	0.980889	1.00528	1.00528	0.000418434	3.42153	3.42153	0.297232	0.788498	-1.26823	0.772865	1.0657	1.0657	0.469436	0.850586	-1.17566	22.4753	17.2105	0.680669	1
cg26320601	ITPR2	0.000295881	0.285775	0.795653	-1.25683	0.00129534	2.62849	2.62849	0.302337	0.802261	-1.24648	5.48E-06	8.31813	8.31813	0.733002	0.93183	-1.07316	0.0176288	1.81366	1.81366	0.434541	1.1787	1.1787	0.0645545	1.53438	1.53438	0.744089	0.934688	-1.06988	16.5125	11.119	0.59855	1
cg04837533	ITPR2	0.000380232	0.0347023	0.497234	-2.01112	0.00287402	3.20165	3.20165	0.568891	1.17751	1.17751	0.000236011	5.63708	5.63708	0.0127229	0.415367	-2.40751	0.000122993	6.69456	6.69456	0.0658378	0.556685	-1.79635	0.0222783	2.17578	2.17578	0.366421	1.30126	1.30126	15.414	19.6608	1.1338	1
cg10603826	ITPR2	0.000533339	0.0141346	0.40517	-2.4681	0.0112521	2.57883	2.57883	0.362488	0.756363	-1.32212	7.14E-05	8.66696	8.66696	0.0308765	0.469432	-2.13023	0.00149451	3.91957	3.91957	0.22708	0.685003	-1.45985	0.99258	0.99723	-1.00278	0.0301911	0.467474	-2.13916	14.0367	19.7867	1.25302	1
cg14081884	ITPR2	0.000797015	0.129433	0.465515	-2.14816	0.000342453	14.7448	14.7448	0.0249864	3.47223	3.47223	0.000202647	18.3275	18.3275	0.498488	0.725646	-1.37808	0.000822471	10.5083	10.5083	0.112749	0.446774	-2.23827	0.329662	1.59918	1.59918	0.254154	1.74321	1.74321	12.5453	43.2767	3.06634	1
cg10037905	ITPR2	0.00123823	0.127001	0.73197	-1.36618	0.000256053	3.12124	3.12124	0.0610887	1.49034	1.49034	0.00142949	2.39147	2.39147	0.00416517	0.483858	-2.06672	0.705795	0.930813	-1.07433	0.067071	0.678402	-1.47405	0.669437	1.08457	1.08457	0.113712	1.38451	1.38451	11.0722	6.26702	0.503125	1
cg01103812	ITPR2	0.00270337	0.332121	1.16144	1.16144	0.129588	1.27754	1.27754	0.0796422	1.33772	1.33772	0.321708	0.858021	-1.16547	0.00134278	0.498104	-2.00761	0.079548	0.747456	-1.33787	0.000354887	0.42409	-2.35799	0.595224	1.08351	1.08351	0.145057	1.26374	1.26374	8.82615	3.1274	0.314963	1
cg23332732	ITPR2	0.00329136	0.100829	0.80523	-1.24188	0.946716	1.00809	1.00809	0.0484078	1.31237	1.31237	0.117933	0.814931	-1.2271	0.0414547	0.753184	-1.3277	0.000285938	0.489691	-2.0421	0.914251	0.9871	-1.01307	0.0361161	1.34148	1.34148	0.0281546	1.36683	1.36683	8.3253	1.91584	0.204554	1
cg16846691	ITPR2	0.00338979	0.311193	0.856728	-1.16723	0.166449	1.24327	1.24327	0.0839092	1.32614	1.32614	0.243639	1.19727	1.19727	0.915293	0.98442	-1.01583	0.184425	1.23093	1.23093	0.00012527	0.373005	-2.68093	0.0298946	1.45802	1.45802	0.28919	0.850125	-1.1763	8.25238	2.84678	0.306635	1
cg03078593	ITPR2	0.00339442	0.220562	1.41976	1.41976	0.457322	0.813849	-1.22873	0.0661158	0.570651	-1.75239	0.817223	0.938943	-1.06503	0.0326919	0.506563	-1.97409	0.141639	1.53736	1.53736	8.55E-05	0.146592	-6.82164	0.665051	1.12585	1.12585	0.0522151	0.548315	-1.82377	8.24901	9.67502	1.04255	1
cg23425324	ITPR2	0.00596746	0.204392	0.832145	-1.20171	0.186584	1.21178	1.21178	0.232169	1.18757	1.18757	0.933411	1.01153	1.01153	0.0531567	0.739758	-1.35179	0.0135441	0.65755	-1.5208	0.0023958	0.559631	-1.78689	0.111084	0.788082	-1.2689	0.00437102	1.68589	1.68589	6.95082	2.07219	0.264998	1
cg19407459	ITPR2	0.00695581	0.185759	0.509983	-1.96085	0.00279683	7.22302	7.22302	0.231371	1.82668	1.82668	0.0010523	10.2375	10.2375	0.290233	0.590492	-1.6935	0.00789454	5.13176	5.13176	0.568861	0.75854	-1.31832	0.264724	1.74697	1.74697	0.463773	1.43032	1.43032	6.62819	24.1802	3.24274	1
cg00813135	ITPR2	0.00800923	0.19392	0.656767	-1.52261	0.0181721	2.40436	2.40436	0.0145279	0.398154	-2.51159	0.401386	0.768956	-1.30046	0.00143485	0.244165	-4.0956	0.937983	0.976479	-1.02409	0.235733	0.683801	-1.46241	0.973586	0.989923	-1.01018	0.00522725	0.324013	-3.0863	6.34185	9.39767	1.3172	1
cg14847975	ITPR2	0.0105544	0.0142419	0.440775	-2.26873	0.720743	0.907321	-1.10215	0.0985229	0.612073	-1.63379	0.485415	1.21176	1.21176	0.807989	1.0682	1.0682	0.989937	0.996589	-1.00342	0.000405543	0.218058	-4.58594	0.0991855	1.63192	1.63192	0.476393	0.821846	-1.21677	5.80929	6.75494	1.03358	1
cg00254338	ITPR2	0.0145689	0.0309434	0.557864	-1.79255	0.00292748	0.389999	-2.56411	0.9358	0.981612	-1.01873	0.307468	1.27554	1.27554	0.785619	0.939122	-1.06482	0.458564	0.840403	-1.18991	0.0136363	2.01968	2.01968	0.76144	0.932258	-1.07266	0.0398949	1.72841	1.72841	5.23084	4.39669	0.74714	1
cg13891121	ITPR2	0.0199556	0.0311358	0.304353	-3.28566	0.544578	1.33427	1.33427	0.788847	0.881415	-1.13454	0.0271762	3.41963	3.41963	0.012105	0.229695	-4.3536	0.114693	2.24058	2.24058	0.013979	0.239929	-4.16791	0.576684	1.3037	1.3037	0.336859	0.627729	-1.59304	4.70811	16.4898	3.11327	1
ch.12.602695F	ITPR2	0.0340013	0.0083338	0.212699	-4.70149	0.00959334	0.221926	-4.506	0.115181	0.455532	-2.19523	0.0311819	0.313228	-3.19256	0.0173881	0.264619	-3.77902	0.101634	0.439248	-2.27662	0.0328597	0.317963	-3.14502	0.0833666	0.414831	-2.41062	0.111038	0.450691	-2.21881	3.90779	13.0428	2.96679	1
cg20787196	ITPR2	0.0354816	0.0552475	0.340852	-2.93382	0.276959	1.75074	1.75074	0.572194	0.753753	-1.32669	0.0265634	3.67681	3.67681	0.0330136	0.290893	-3.43768	0.0816395	2.60078	2.60078	0.0363688	0.299707	-3.33659	0.682747	1.22573	1.22573	0.616248	0.778589	-1.28438	3.84804	14.9503	3.4535	1
cg15828915	ITPR2	0.0408152	0.416164	0.760376	-1.31514	0.0361718	0.447952	-2.23238	0.0181152	0.388262	-2.57558	0.847164	1.06567	1.06567	0.00740339	0.320671	-3.11846	0.408696	0.756878	-1.32122	0.458791	0.77984	-1.28231	0.10194	1.80422	1.80422	0.0995094	0.551481	-1.8133	3.65583	6.2916	1.52976	1
cg13203394	ITPR2	0.0428825	0.0203679	0.227212	-4.40117	0.00451145	0.134501	-7.4349	0.05807	0.321298	-3.11238	0.499839	0.695568	-1.43767	0.0121221	0.190619	-5.24606	0.180156	0.470292	-2.12634	0.328158	0.58569	-1.70739	0.859777	1.09825	1.09825	0.61689	0.765421	-1.30647	3.5895	15.9707	3.95491	1
cg05823823	ITPR2	0.0473355	0.0116382	0.110107	-9.08207	0.0294739	0.166335	-6.01195	0.0159344	0.126812	-7.88572	0.0922301	0.273452	-3.65694	0.0686204	0.240257	-4.1622	0.303476	0.474413	-2.10787	0.152287	0.342039	-2.92365	0.01596	0.126902	-7.88008	0.0906877	0.271432	-3.68416	3.45913	26.8166	6.89103	1
cg22065976	ITPR3	9.64E-06	0.273584	1.0597	1.0597	0.000808453	0.773208	-1.29331	0.000328085	1.34359	1.34359	0.621825	0.975012	-1.02563	0.781005	0.985916	-1.01429	0.29242	0.945924	-1.05717	1.74E-07	0.440733	-2.26895	0.634917	0.975949	-1.02464	0.130644	1.08663	1.08663	40.9623	1.6805	0.0364672	1
cg05876496	ITPR3	3.06E-05	0.000261694	0.637757	-1.568	0.0166438	1.245	1.245	0.00582677	1.31077	1.31077	0.898388	1.00962	1.00962	9.57E-07	0.379655	-2.63397	0.483753	0.94806	-1.05479	0.0375635	1.19821	1.19821	0.889121	1.01051	1.01051	0.0833688	1.15448	1.15448	30.3064	2.69612	0.0790775	1
cg25419928	ITPR3	5.80E-05	0.742422	0.964021	-1.03732	0.0667326	1.25658	1.25658	0.000271882	0.515279	-1.9407	0.948023	0.992783	-1.00727	9.25E-07	0.236395	-4.23021	0.524008	0.930768	-1.07438	0.779936	1.03161	1.03161	0.720477	1.04073	1.04073	0.0177943	0.726048	-1.37732	25.5957	5.00428	0.173789	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00364051	ITPR3	8.05E-05	0.0100573	0.648301	-1.54249	0.00993156	1.54419	1.54419	0.616587	0.934867	-1.06967	3.31E-06	0.230981	-4.32937	6.69E-05	0.377368	-2.64994
cg03389717	ITPR3	0.000779393	0.362792	1.34022	1.34022	0.130904	1.66639	1.66639	0.117577	1.70258	1.70258	0.0515041	2.0017	2.0017	0.0891448	1.79845	1.79845
cg12017956	ITPR3	0.0019942	0.000614055	0.408945	-2.44532	0.000977796	0.435521	-2.2961	0.12339	0.753601	-1.32696	0.0304168	1.53918	1.53918	0.509075	1.12023	1.12023
cg14003231	ITPR3	0.00238155	0.000705832	0.237482	-4.21084	0.0512738	1.85541	1.85541	0.793775	0.929638	-1.07569	0.00190316	0.293745	-3.40432	0.45537	1.23584	1.23584
cg14639225	ITPR3	0.00509478	0.00468281	0.646755	-1.54618	0.958182	1.0061	1.0061	0.00768872	1.4874	1.4874	0.778108	0.967783	-1.03329	0.716905	1.04311	1.04311
cg22147917	ITPR3	0.00673171	0.0399101	0.556906	-1.79563	0.00111323	0.306126	-3.26663	0.015303	0.48007	-2.08303	0.00739259	0.427161	-2.34104	0.00273318	0.360798	-2.77163
cg18842187	ITPR3	0.00973826	0.00077097	0.29176	-3.42748	0.0921721	0.638598	-1.56593	0.042121	0.567501	-1.76211	0.0372787	0.557175	-1.79477	0.00907893	0.44837	-2.2303
cg06328100	ITPR3	0.0145333	0.554556	1.11082	1.11082	0.00253473	0.478652	-2.0892	0.532419	1.1176	1.1176	0.245701	1.23798	1.23798	0.221369	1.2536	1.2536
cg00110790	ITPR3	0.0212516	0.0679258	0.692118	-1.44484	0.136682	0.749331	-1.33452	0.072125	0.696791	-1.43515	0.785271	1.05038	1.05038	0.04823	0.666106	-1.50126
cg11169463	ITPR3	0.0306332	0.751847	0.942482	-1.06103	0.940633	1.01401	1.01401	0.716019	0.93405	-1.07061	0.889244	1.02636	1.02636	0.238486	1.2593	1.2593
cg10599507	ITPR3	0.0334352	0.652842	0.88147	-1.13447	0.00629962	0.371047	-2.69508	0.0822434	0.584834	-1.70989	0.0456962	0.528168	-1.89334	0.00770858	0.385241	-2.59578
cg08486432	ITPR3	0.0443033	0.224519	0.788479	-1.26826	0.00378156	0.468332	-2.13524	0.0114907	0.545552	-1.83301	0.170143	0.7613	-1.31354	0.164289	0.757986	-1.31929
cg26235243	ITPR3	0.0446244	0.955795	1.01414	1.01414	0.836666	1.05368	1.05368	0.639465	1.12694	1.12694	0.0332341	1.87843	1.87843	0.0316172	0.528185	-1.89328
cg23970331	ITPR3	0.0448483	0.514035	0.894437	-1.11802	0.0223872	1.5861	1.5861	0.0526068	1.44987	1.44987	0.289767	1.2035	1.2035	0.20342	0.797464	-1.25397
cg27193704	ITPR3;ITPR3	0.0434921	0.229256	1.70818	1.70818	0.548485	0.772846	-1.29392	0.367371	0.675046	-1.48138	0.0024979	0.168165	-5.94653	0.117443	2.05783	2.05783
cg11943820	ITPRIP	2.23E-05	0.000462946	0.475215	-2.10431	0.000513576	0.480808	-2.07983	0.000241981	0.440454	-2.27038	0.552246	1.0846	1.0846	4.57E-07	0.146491	-6.82635
cg05788080	ITPRIP	0.000491055	9.86E-05	0.305437	-3.274	9.67E-05	0.304392	-3.28523	0.960161	1.00861	1.00861	0.00453832	0.522806	-1.91276	0.261716	0.818115	-1.22232
cg03446289	ITPRIP	0.000790943	0.0231327	0.822804	-1.21536	0.0733106	0.866382	-1.15422	0.436295	1.0587	1.0587	0.00619191	0.773847	-1.29224	0.0721909	1.15502	1.15502
cg03588966	ITPRIP	0.0016291	0.105947	0.684175	-1.46161	0.000153754	0.247984	-4.03252	0.296416	1.262	1.262	0.329908	0.805651	-1.24123	0.00147792	2.68028	2.68028
cg03640944	ITPRIP	0.00241181	0.00113719	0.441392	-2.26556	0.34351	0.846431	-1.18143	0.354918	1.17657	1.17657	0.543045	0.900156	-1.11092	6.82E-05	0.288036	-3.47179
cg04935278	ITPRIP	0.00553314	0.000366096	0.205971	-4.85505	0.148253	0.650986	-1.53613	0.308522	0.746965	-1.33875	0.291661	0.738704	-1.35372	0.00072422	0.240949	-4.15026
cg11276172	ITPRIP	0.0123345	0.36488	0.815782	-1.22582	0.00723331	2.13379	2.13379	0.164638	1.38294	1.38294	0.953646	1.01279	1.01279	0.00090902	0.337944	-2.95907
cg15701254	ITPRIP	0.0136214	0.324635	1.15714	1.15714	0.744512	0.954164	-1.04804	0.773746	1.04223	1.04223	0.281626	0.851671	-1.17416	0.0284325	0.689974	-1.44933
cg23387597	ITPRIP	0.0190977	0.026276	0.346419	-2.88668	0.222016	1.6757	1.6757	0.721505	1.15484	1.15484	0.697461	1.17015	1.17015	0.000590741	0.118304	-8.45278
cg16301004	ITPRIP	0.0316098	0.180495	0.396446	-2.52241	0.0885627	0.294539	-3.39514	0.0228553	0.170037	-5.88106	0.117958	0.331377	-3.01771	0.0041802	0.0823485	-12.1435
cg19251161	ITPRIP	0.0384838	0.0146233	0.365419	-2.73659	0.11977	0.568248	-1.75979	0.86462	1.0588	1.0588	0.906646	1.04006	1.04006	0.00199942	0.232055	-4.30932
cg27365978	ITPRIP;ITPRIP	0.0363795	0.133822	1.25937	1.25937	0.00802311	1.62334	1.62334	0.0423707	1.39576	1.39576	0.276254	1.1753	1.1753	0.321597	1.15725	1.15725
cg11270393	ITPRIPL1;ITPRIPL1;ITPRIPL1;ITPRIPL1	0.00263773	0.00344126	0.548663	-1.82261	0.569297	0.916772	-1.09078	0.286906	0.846142	-1.18184	0.291831	0.847687	-1.17968	0.0055793	0.57698	-1.73316
cg05497345	ITPRIPL1;ITPRIPL1;ITPRIPL1;ITPRIPL1	0.0120862	0.12947	0.417214	-2.39685	0.109142	0.393666	-2.54022	0.812312	1.13534	1.13534	0.0407093	0.283424	-3.52828	0.286774	0.554179	-1.80447
cg15146125	ITPRIPL1;ITPRIPL1;ITPRIPL1;ITPRIPL1	0.023959	0.00785793	0.277736	-3.60054	0.00663534	0.266232	-3.75612	0.791022	0.905061	-1.1049	0.115573	0.525959	-1.90129	0.0558719	0.443257	-2.25603
cg02802590	ITPRIPL1;ITPRIPL1;ITPRIPL1;ITPRIPL1 ITPRIPL1;ITPRIPL1;ITPRIPL1;ITPRIPL1;IT	0.0361528	0.00576701	0.188751	-5.29799	0.030835	0.310789	-3.21762	0.0428844	0.341627	-2.92717	0.134103	0.474929	-2.10558	0.0224414	0.283545	-3.52678
cg24351076	PRIPL1;ITPRIPL1	0.0107635	0.00629363	0.264951	-3.77428	0.136795	1.81883	1.81883	0.144804	0.55739	-1.79408	0.58123	0.812267	-1.23112	0.00556108	0.256822	-3.89375
cg16402142	ITPRIPL2;ITPRIPL2	0.00158342	0.878579	0.97681	-1.02374	0.610614	0.924211	-1.082	0.00323931	0.539931	-1.85209	0.463789	0.891861	-1.12125	0.00102674	0.473898	-2.11016
cg03131598	ITPRIPL2;ITPRIPL2	0.0075025	0.380686	1.79094	1.79094	0.112402	0.322846	-3.09746	0.000238454	0.0138804	-72.0441	0.0685588	0.261936	-3.81772	0.70178	0.779926	-1.28217
cg02047547	ITPRIPL2;ITPRIPL2	0.0277315	0.0232859	11.075	11.075	0.0594827	6.59632	6.59632	0.333461	2.42235	2.42235	0.0768711	5.72495	5.72495	0.338811	2.39743	2.39743
cg13032702	ITPRIPL2;ITPRIPL2	0.0308161	0.019555	0.178478	-5.60295	0.568733	1.42163	1.42163	0.454675	0.628063	-1.5922	0.0609541	0.275295	-3.63247	0.00945326	0.134158	-7.45388
cg16733298	ITPRIPL2;ITPRIPL2	0.0452636	0.12371	1.87091	1.87091	0.871134	1.0629	1.0629	0.163961	1.74724	1.74724	0.271024	1.53811	1.53811	0.0626913	2.19668	2.19668
cg10087036	ITPRIPL2;ITPRIPL2;ITPRIPL2	6.55E-05	5.41E-05	0.119929	-8.33826	0.6493	0.878947	-1.13773	0.000722003	0.234614	-4.26232	0.000128402	0.153107	-6.53137	0.00286263	0.31459	-3.17874
cg06442240	ITPRIPL2;ITPRIPL2;ITPRIPL2	0.0179034	0.0238809	0.245259	-4.07733	0.0127989	0.199458	-5.01359	0.0045458	0.139354	-7.17594	0.259558	0.541606	-1.84636	0.109059	0.402079	-2.48707
cg02071398	ITSN1;CRYZL1;ITSN1	0.0175257	0.133961	1.49829	1.49829	0.325492	0.775709	-1.28914	0.226178	0.727663	-1.37426	0.310433	1.30025	1.30025	0.292123	1.31447	1.31447
cg01204964	ITSN1;CRYZL1;ITSN1;CRYZL1	0.013112	0.497133	0.842587	-1.18682	0.573088	1.15197	1.15197	0.405073	1.23572	1.23572	0.00201319	0.338702	-2.95245	0.00289758	0.361562	-2.76578
cg13786429	ITSN1;ITSN1	3.61E-05	0.000141773	3.36311	3.36311	0.000154411	3.31343	3.31343	0.373452	1.18391	1.18391	0.000176686	3.23739	3.23739	0.614748	0.91049	-1.09831
cg19190487	ITSN1;ITSN1	0.0185449	0.450533	0.803915	-1.24391	0.0405883	1.95675	1.95675	0.107505	1.64655	1.64655	0.0938883	0.592767	-1.687	0.0176101	0.440487	-2.27022
cg15099273	ITSN1;ITSN1;CRYZL1	0.000390005	0.881108	0.985662	-1.01455	0.023955	1.29683	1.29683	0.216732	1.13363	1.13363	0.495675	1.06903	1.06903	0.473722	1.07284	1.07284
cg20925434	ITSN1;ITSN1;CRYZL1	0.00264056	?	?	?	0.224271	1.62983	1.62983	0.914958	1.04172	1.04172	0.191446	0.58908	-1.69756	0.0898623	0.489001	-2.04499
cg15212956	ITSN1;ITSN1;CRYZL1	0.00942772	0.65227	1.24188	1.24188	0.66747	1.22926	1.22926	0.462284	0.699521	-1.42955	0.25065	0.563688	-1.77403	0.843865	1.09875	1.09875
cg08538929	ITSN1;ITSN1;CRYZL1	0.0288171	0.029121	1.55276	1.55276	0.236816	1.23628	1.23628	0.667456	0.928703	-1.07677	0.060293	0.695877	-1.43704	0.863563	0.970996	-1.02987
cg19807612	ITSN1;ITSN1;CRYZL1	0.0381709	0.0452865	0.719541	-1.38977	0.0137947	1.5469	1.5469	0.0445465	1.39181	1.39181	0.260277	0.845109	-1.18328	0.544739	0.915894	-1.09183
cg16762072	ITSN1;ITSN1;ITSN1;ITSN1;CRYZL1	0.0291481	0.113362	1.46739	1.46739	0.781943	1.0637	1.0637	0.451677	0.843097	-1.1861	0.178508	1.37458	1.37458	0.0281474	0.561549	-1.78079
cg22053765	ITSN2;ITSN2	0.00170964	0.00182345	1.38723	1.38723	0.0201611	1.23002	1.23002	0.252488	1.09232	1.09232	0.864366	1.01271	1.01271	0.000919407	1.44173	1.44173
cg04142144	ITSN2;ITSN2	0.00188284	0.00768327	0.590367	-1.69386	0.00366854	1.83008	1.83008	0.119589	1.29671	1.29671	0.440499	0.886017	-1.12865	0.197973	0.811127	-1.23285
cg24921022	ITSN2;ITSN2	0.0093139	0.317587	1.17924	1.17924	0.058337	0.710764	-1.40694	0.0116879	0.604811	-1.65341	0.623485	0.924071	-1.08217	0.000599582	0.429558	-2.32797
cg06623562	ITSN2;ITSN2	0.0385968	0.133321	0.766341	-1.3049	0.0542993	1.43176	1.43176	0.314695	0.842932	-1.18634	0.0322173	1.51017	1.51017	0.687192	1.06879	1.06879
cg02505199	ITSN2;ITSN2;ITSN2	3.35E-07	0.106369	0.73444	-1.36158	2.53E-09	0.00803944	-124.387	9.76E-05	0.297551	-3.36077	0.875501	0.972929	-1.02782	0.00208376	0.468455	-2.13468
cg09249081	ITSN2;ITSN2;ITSN2	9.58E-05	0.000115281	0.666654	-1.50003	0.000202061	0.688086	-1.45331	0.0636269	1.1332	1.1332	0.537845	0.963286	-1.03811	0.0300806	1.16529	1.16529
cg25477928	ITSN2;ITSN2;ITSN2	0.000593114	0.671023	0.953701	-1.04855	0.0815003	1.23892	1.23892	0.014283	1.3983	1.3983	0.0262223	1.33989	1.33989	0.00326701	0.64089	-1.56033
cg13755512	ITSN2;ITSN2;ITSN2	0.000714549	0.515627	0.844746	-1.18379	0.250807	0.735562	-1.35951	0.228148	1.38231	1.38231	0.161107	0.681753	-1.46681	0.0594822	0.580159	-1.72366
cg03536404	ITSN2;ITSN2;ITSN2	0.00674828	0.00317702	0.216311	-4.62297	0.112477	0.518638	-1.92813	0.044452	0.41603	-2.40367	0.0206001	0.346592	-2.88524	0.00407935	0.23117	-4.32583
cg21664866	ITSN2;ITSN2;ITSN2	0.00899372	0.00689489	0.345756	-2.89221	0.02639	0.449569	-2.22435	0.0256214	0.447048	-2.23689	0.00987517	0.371588	-2.69115	0.00209724	0.268738	-3.7211
cg02868976	ITSN2;ITSN2;ITSN2	0.0295428	0.0383933	0.28725	-3.48129	0.0267745	0.255567	-3.91287	0.035771	0.280753	-3.56185	0.0717539	0.351585	-2.84427	0.00434183	0.137831	-7.25525
cg11369026	ITSN2;ITSN2;ITSN2	0.0338108	0.538278	1.08078	1.08078	0.696357	0.952286	-1.0501	0.367072	1.12245	1.12245	0.106658	0.802835	-1.24559	0.28536	0.87081	-1.14836
cg10287032	ITSN2;ITSN2;ITSN2	0.0357797	0.179307	0.543826	-1.83882	0.366676	0.672998	-1.48589	0.0562715	0.397291	-2.51705	0.437768	0.713195	-1.40214	0.0205594	0.303807	-3.29156
cg09655862	IVD;IVD	0.036452	0.630833	1.12824	1.12824	0.0485292	1.75345	1.75345	0.482779	1.19453	1.19453	0.534363	0.854863	-1.16978	0.281435	1.32175	1.32175
cg26886850	IVD;IVD	0.0412581	0.140356	0.486116	-2.05712	0.635108	0.804621	-1.24282	0.921631	0.956239	-1.04576	0.546391	1.31993	1.31993	0.0135372	0.249161	-4.01348
cg06731484	IVD;IVD;IVD;IVD	0.00276503	0.201182	0.840832	-1.1893	0.00697009	1.56559	1.56559	0.0885374	1.27292	1.27292	0.000845998	0.524979	-1.90484	0.0102066	1.51581	1.51581
cg05440289	IVL	5.48E-06	1.84E-05	0.227295	-4.39957	1.69E-05	0.223416	-4.47595	0.00073883	0.419173	-2.38565	3.16E-06	0.153335	-6.52166	0.00177025	0.469888	-2.12817
cg25082710	IVL	2.57E-05	8.77E-06	0.0500819	-19.9673	1.20E-05	0.0566895	-17.6399	0.00245759	0.270623	-3.69518	0.00020159	0.144421	-6.92422	0.000502072	0.184847	-5.40988
cg02889647	IVL	0.000116699	0.00256944	0.306167	-3.2662	4.12E-06	0.048721	-20.525	0.00230647	0.299489	-3.33902	0.000228168	0.176587	-5.66293	0.00694021	0.371931	-2.68867
cg15059851	IVL	0.000213419	9.16E-05	0.0740715	-13.5005	2.62E-05	0.0451079	-22.1691	0.00318066	0.222999	-4.48432	0.11085	0.52358	-1.90993	0.034316	0.398655	-2.50843
cg15486123	IVL	0.000880445	0.000184727	0.0455946	-21.9324	0.000390967	0.0631026	-15.8472	0.00813683	0.19089	-5.23863	0.00310201	0.138338	-7.22865	0.653896	0.80202	-1.24685
cg02855850	IVL	0.00811599	0.011042	0.209999	-4.76192	0.00387503	0.148875	-6.71704	0.0135319	0.223949	-4.4653	0.0352937	0.30112	-3.32094	0.046669	0.327836	-3.0503
cg21419383	IVL	0.0291194	0.00949409	0.0904066	-11.0611	0.0542067	0.202297	-4.94322	0.298391	0.454587	-2.1998	0.104358	0.272939	-3.66383	0.229841	0.397931	-2.513
cg18273350	IVNS1ABP	0.0153072	0.167639	0.533599	-1.87407	0.217286	1.74084	1.74084	0.277613	1.61963	1.61963	0.522155	0.758022	-1.31922	0.0282026	0.330643	-3.02441
cg17297305	IVNS1ABP	0.0490373	0.0116714	0.356202	-2.80739	0.020125	0.399238	-2.50477	0.0812409	0.53096	-1.88338	0.944953	1.02287	1.02287	0.022347	0.407969	-2.45117
cg21581038	IWS1	5.72E-06	6.36E-07	7.12693	7.12693	3.57E-07	8.29646	8.29646	0.162018	1.24007	1.24007	0.775802	0.959686	-1.04201	0.209384	1.21006	1.21006
cg00350405	IWS1	0.00137839	0.480879	1.20008	1.20008	0.0237489	0.503053	-1.98786	0.05946	0.581852	-1.71865	0.0129295	0.455924	-2.19335	7.78E-05	0.161965	-6.17417
cg23570261	IWS1	0.00268866	0.0732026	0.816612	-1.22457	0.313973	0.899792	-1.11137	0.0193428	0.750659	-1.33216	0.000774505	0.596966	-1.67514	0.000495263	0.575292	-1.73825
cg22196977	IWS1	0.00991466	0.232583	0.877259	-1.13991	0.0175998	1.35277	1.35277	0.273625	1.12657	1.12657	0.0748619	0.812575	-1.23066	0.871252	0.983176	-1.01711
cg06193838	IWS1	0.0198239	0.464549	1.18087	1.18087	0.701031	1.08998	1.08998	0.288143	0.78169	-1.27928	0.0463934	1.66458	1.66458	0.0162603	0.518745	-1.92773
cg10939746	IWS1	0.0357316	0.0221851	3.25082	3.25082	0.231784	0.5832	-1.71468	0.345164	0.658338	-1.51898	0.120862	2.0611	2.0611	0.22371	1.73258	1.73258
cg10180764	IWS1	0.0372789	0.321602	0.613786	-1.62923	0.940204	1.03641	1.03641	0.722526	1.18525	1.18525	0.0104324	0.215011	-4.65092	0.768234	1.15126	1.15126
cg02927859	IYD;IYD;IYD	0.000192609	0.0145387	1.64728	1.64728	0.000139413	0.335872	-2.97733	0.000140294	0.336205	-2.97438	0.663876	0.930065	-1.07519	0.00216304	0.489765	-2.04179
cg22804839	IYD;IYD;IYD	0.00443848	0.670738	0.841512	-1.18834	0.00550637	0.22938	-4.35959	0.00161535	0.161381	-6.1965	0.646498	0.829997	-1.20482	0.126039	0.512765	-1.95021
cg22772440	IYD;IYD;IYD	0.011338	0.0327714	0.428334	-2.33463	0.0368893	0.439184	-2.27695	0.00620879	0.297854	-3.35735	0.646145	0.854766	-1.16991	0.00393386	0.267936	-3.73223
cg02307277	IYD;IYD;IYD;IYD;IYD;IYD	0.000274189	0.417234	0.752185	-1.32946	0.000357972	0.139822	-7.15193	0.00475723	0.275919	-3.62426	0.0018859	0.220187	-4.54159	6.11E-05	0.0787477	-12.6988
cg20416179	IYD;IYD;IYD;IYD;IYD;IYD	0.000495479	0.220827	0.807534	-1.23834	0.0695958	0.713863	-1.40083	3.84E-05	0.26958	-3.70948	0.00152962	0.468816	-2.13303	0.00263658	0.50095	-1.99621
cg08610426	IZUMO1	0.0232304	0.0178029	16.138	16.138	0.0276982	12.335	12.335	0.0189327	15.5415	15.5415	0.0507289	8.57542	8.57542	0.0701138	7.06146	7.06146
cg10234985	IZUMO1;IZUMO1	0.0363019	0.0673469	3.50381	3.50381	0.0297282	4.78217	4.78217	0.0392828	4.30047	4.30047	0.907508	0.931379	-1.07368	0.107719	0.341759	-2.92604
cg18537730	IZUMO1;IZUMO1	0.0409607	0.158202	6.80033	6.80033	0.0161527	42.0787	42.0787	0.019939	35.5063	35.5063	0.28544	4.09493	4.09493	0.192172	0.17305	-5.77867
cg26750002	IZUMO1;RASIP1	0.0146834	0.188825	1.56095	1.56095	0.00417568	3.41342	3.41342	0.132425	1.6809	1.6809	0.184342	1.56893	1.56893	0.676639	1.14357	1.14357
cg26705720	JAG1	3.93E-05	0.000798936	0.486026	-2.0575	0.0736738	0.752659	-1.32862	0.00791249	0.615465	-1.62479	0.342932	0.870025	-1.14939	1.74E-05	0.285309	-3.50498
cg14881179	JAG1	0.00258889	0.324264	0.917089	-1.09041	0.00245155	0.698861	-1.4309	0.372227	1.081	1.081	0.000370099	0.615993	-1.62339	0.651075	1.03947	1.03947
cg18079128	JAG1	0.00483747	0.143041	0.728118	-1.3734	0.00553869	2.08502	2.08502	0.0741318	1.49357	1.49357	0.644099	1.09832	1.09832	0.282721	1.25234	1.25234
cg13592599	JAG1	0.010427	0.000800021	0.191522	-5.22134	0.0145142	0.374112	-2.67299	0.0278479	0.427977	-2.33657	0.0876179	0.540301	-1.85082	0.550423	0.820979	-1.21806
cg01560399	JAG1	0.0177463	0.633027	0.914184	-1.09387	0.0311592	0.623919	-1.60277	0.00866695	0.535746	-1.86656	0.145378	0.747046	-1.33861	0.00234736	0.452978	-2.20761
cg24652271	JAG1	0.0456937	0.152074	1.20339	1.20339	0.00500288	1.56546	1.56546	0.0547667	1.30066	1.30066	0.921551	1.01196	1.01196	0.736096	1.04166	1.04166
cg16791173	JAG2;JAG2	6.55E-05	6.95E-05	0.324468	-3.08197	0.726369	1.05594	1.05594	0.121379	1.29715	1.29715	0.210852	1.22659	1.22659	3.67E-06	0.186613	-5.35869
cg17989886	JAG2;JAG2	0.000153837	0.146144	0.863001	-1.15875	3.87E-05	0.474881	-2.10579	0.000935588	1.59421	1.59421	0.00829475	1.37538	1.37538	0.352814	1.0945	1.0945
cg09801491	JAG2;JAG2	0.000180265	0.0881759	0.72272	-1.38366	0.0776377	0.712846	-1.40283	0.00340673	0.503109	-1.98764	0.529996	0.896012	-1.11606	4.02E-06	0.157613	-6.34465
cg06801852	JAG2;JAG2	0.000475616	0.000672543	0.250906	-3.98556	0.000647046	0.248825	-4.01889	0.238875	0.720426	-1.38807	0.0137924	2.24612	2.24612	0.000480647	0.233138	-4.2893
cg23957920	JAG2;JAG2	0.000623236	0.473797	0.931587	-1.07344	0.0273376	1.28913	1.28913	0.661091	1.04385	1.04385	0.428959	0.92446	-1.08171	0.628954	0.953742	-1.0485
cg01853367	JAG2;JAG2	0.000943022	0.00843492	1.87336	1.87336	0.0115548	1.80281	1.80281	0.449806	0.86614	-1.15455	0.984586	1.00361	1.00361	0.000911126	0.396366	-2.52292
cg12341060	JAG2;JAG2	0.00137619	0.415325	1.33255	1.33255	0.00217383	0.18619	-5.37087	0.000366667	0.0945182	-10.58	0.988769	0.995196	-1.00483	0.7013	0.876273	-1.1412
cg10378244	JAG2;JAG2	0.00154595	0.738925	0.932282	-1.07264	0.000509348	0.3204	-3.1211	0.0198639	0.554636	-1.80298	0.260423	1.27901	1.27901	0.00035763	0.300924	-3.3231
cg16092069	JAG2;JAG2	0.00250855	0.0457323	0.385662	-2.59295	0.00867006	0.248633	-4.02199	0.00757032	0.239528	-4.17487	0.563196	1.27523	1.27523	0.00497441	0.212954	-4.69585
cg18212924	JAG2;JAG2	0.00580789	0.308621	0.799985	-1.25002	0.0024954	0.410735	-2.43466	0.0956924	0.678698	-1.47341	0.950725	1.01317	1.01317	0.0562454	1.58069	1.58069
cg13739066	JAG2;JAG2	0.00588177	0.585345	1.12675	1.12675	0.205698	0.748882	-1.33532	0.447601	1.18253	1.18253	0.00135755	2.73872	2.73872	0.114387	0.689381	-1.45058
cg23169652	JAG2;JAG2	0.0094229	0.437928	0.831247	-1.20301	0.33159	0.791364	-1.26364	0.295193	1.28864	1.28864	0.0255968	0.538208	-1.85802	0.0968285	0.653271	-1.53076
cg19893664	JAG2;JAG2	0.0109968	0.0178537	0.191181	-5.23065	0.0100903	0.154826	-6.45885	0.0316842	0.235192	-4.25184	0.094755	0.348119	-2.87258	0.0110738	0.160308	-6.238
cg10293824	JAG2;JAG2	0.0114133	0.176843	0.709537	-1.40937	?	?	?	0.885156	1.03515	1.03515	0.256064	1.32761	1.32761	0.312853	0.779168	-1.28342
cg24150986	JAG2;JAG2	0.013763	0.0111141	0.356667	-2.80374	0.687806	1.13976	1.13976	0.505222	1.24478	1.24478	0.943299	0.977227	-1.0233	0.037063	0.456544	-2.19037
cg19722382	JAG2;JAG2	0.0201176	0.00466976	0.527249	-1.89664	0.412453	0.867103	-1.15327	0.104597	0.73943	-1.35239	0.224382	1.24257	1.24257	0.805859	0.958962	-1.04279
cg04524668	JAG2;JAG2	0.0211199	0.692485	1.16849	1.16849	0.775024	1.11879	1.11879	0.688154	0.85381	-1.17122	0.531874	0.780324	-1.28152	0.0268338	0.357973	-2.79351
cg12913122	JAG2;JAG2	0.0252268	0.0200085	3.94464	3.94464	0.0249056	3.68758	3.68758	0.411528	1.5076	1.5076	0.154177	2.10803	2.10803	0.358398	1.5868	1.5868
cg20330566	JAG2;JAG2	0.0258129	0.260262	0.891585	-1.1216	0.00356514	0.679869	-1.47087	0.00771222	1.39727	1.39727	0.270697	1.11859	1.11859	0.349752	1.09863	1.09863
cg18324600	JAG2;JAG2	0.0378502	0.0389962	1.63408	1.63408	0.929663	0.982019	-1.01831	0.238818	1.28859	1.28859	0.00626682	2.07923	2.07923	0.236535	1.29033	1.29033
cg05335315	JAG2;JAG2	0.0397613	0.0356359	7.04394	7.04394	0.0916657	4.404	4.404	0.235617	2.69716	2.69716	0.186188	3.06117	3.06117	0.839203	0.850282	-1.17608
cg27177839	JAG2;JAG2	0.0422236	0.0475464	4.75571	4.75571	0.236963	2.34556	2.34556	0.107294	3.35176	3.35176	0.2306	2.3758	2.3758	0.728071	0.786495	-1.27146
cg04818637	JAG2;JAG2	0.0479566	0.334428	0.75274	-1.32848	0.0638435	0.551906	-1.8119	0.0596071	0.545223	-1.83411	0.125747	0.6233	-1.60436	0.490851	0.819004	-1.221
cg11039464	JAGN1	6.64E-05	0.0229975	0.341127	-2.93146	0.117796	1.9577	1.9577	0.0534786	2.38085	2.38085	2.08E-06	0.00986444	-101.374	0.000239582	0.0902835	-11.0762
cg04151612	JAGN1	0.000474139	0.00109839	0.607388	-1.6464	0.001317	1.62284	1.62284	0.305081	1.11629	1.11629	0.0319287	0.770742	-1.29745	0.00531905	0.683581	-1.46288
cg16794345	JAGN1	0.000568553	0.308717	0.830174	-1.20457	0.435755	0.868945	-1.15082	0.967315	0.992787	-1.00727	0.500895	0.886304	-1.12828	0.00853021	0.552683	-1.80935
cg23459997	JAGN1	0.00273527	0.00222926	0.705725	-1.41698	0.147103	1.13497	1.13497	0.0739015	1.17598	1.17598	0.104602	0.865586	-1.15529	0.00123723	0.680973	-1.46849
cg21777166	JAGN1	0.00606841	0.564213	1.15554	1.15554	0.0354733	0.544878	-1.83527	0.0624769	0.594535	-1.68199	0.00220749	0.345074	-2.89793	0.080019	0.617727	-1.61884
cg14209987	JAGN1	0.032684	?	?	?	?	?	?	0.174463	2.36203	2.36203	?	?	?	0.0701399	3.41298	3.41298
cg07798602	JAK1	0.00117882	0.0633677	0.547255	-1.8273	0.15538	0.644694	-1.55112	0.0213548	0.449938	-2.22253	0.166543	0.653183	-1.53097	4.68E-05	0.108862	-9.18598
cg00153395	JAK1	0.00260604	0.213281	0.75371	-1.32677	0.317504	0.800185	-1.24971	0.00427228	0.438383	-2.28111	0.00137893	0.367561	-2.72064	0.000547596	0.314014	-3.18457
cg26315985	JAK1	0.00281005	0.00285508	0.184061	-5.43299	0.013296	3.54204	3.54204	0.051215	0.400383	-2.49761	0.00296739	0.186154	-5.37189	0.170733	0.548039	-1.82469
cg16250812	JAK1	0.00294765	0.176222	0.703924	-1.42061	0.000270509	0.232659	-4.29814	0.111947	0.655324	-1.52596	0.751188	0.925271	-1.08076	0.000268979	0.232373	-4.30342
cg18052443	JAK1	0.00397768	0.0943774	0.820871	-1.21822	0.00385216	1.51898	1.51898	0.00376662	1.52154	1.52154	0.952157	1.00646	1.00646	0.732239	0.963804	-1.03756
cg09765463	JAK1	0.00580823	0.00361248	0.184311	-5.42561	0.0858308	0.442627	-2.25924	0.039888	0.360672	-2.77261	0.172555	0.536196	-1.86499	0.00133678	0.135085	-7.40275
cg07453451	JAK1	0.00653485	0.00801099	0.434494	-2.30153	0.525983	0.85416	-1.17074	0.752386	0.925293	-1.08074	0.211898	0.724264	-1.38071	0.439929	0.824296	-1.21316
cg13420662	JAK1	0.00954885	0.0545364	0.679174	-1.47238	0.668535	0.926446	-1.07939	0.0640567	1.44649	1.44649	0.223142	1.25489	1.25489	0.00307615	0.487356	-2.05189
cg22945413	JAK1	0.00998679	0.0168017	0.298788	-3.34686	0.000754143	0.120607	-8.29142	0.67901	0.841743	-1.18801	0.979681	1.0106	1.0106	0.0264446	0.336372	-2.9729
cg15997411	JAK1	0.010958	0.242747	0.829468	-1.20559	0.00067771	0.451778	-2.21347	0.0107533	0.612525	-1.63259	0.760715	1.04783	1.04783	0.176722	0.802812	-1.24562
cg00420347	JAK1	0.0227928	0.698452	1.02432	1.02432	0.0115731	1.21515	1.21515	0.0711261	0.883003	-1.1325	0.993721	0.999514	-1.00049	0.0548396	1.14386	1.14386
cg25020373	JAK1	0.0325003	0.174467	1.53338	1.53338	0.402773	1.28839	1.28839	0.773199	1.08928	1.08928	0.480934	0.808955	-1.23616	0.470653	1.24257	1.24257
cg24866203	JAK1	0.0394576	0.866588	0.957583	-1.0443	0.0078519	0.415055	-2.40932	0.0394727	0.541178	-1.84782	0.146397	0.669061	-1.49463	0.103958	0.632365	-1.58137
cg14170181	JAK2	4.10E-05	0.768292	0.966055	-1.03514	7.30E-07	0.209143	-4.78142	0.0198947	0.71996	-1.38897	0.464128	1.09101	1.09101	0.243482	1.15334	1.15334
cg03071195	JAK2	0.000463119	0.834376	1.03071	1.03071	0.0671673	1.34499	1.34499	0.0229106	0.674896	-1.48171	0.170703	1.23461	1.23461	0.372889	0.876204	-1.14129
cg10680180	JAK2	0.00201196	0.208298	1.10011	1.10011	0.0142377	1.05988	1.05988	0.251822	0.917502	-1.08992	0.0555425	0.855512	-1.16889	0.251269	1.09004	1.09004

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00364051	0.932314	1.0114	1.0114	0.0197492	0.686866	-1.45589	0.630657	1.06677	1.06677	0.0489664	0.740871	-1.34976	23.4613	6.61419	0.250595	1
cg03389717	0.15474	0.620747	-1.61096	1.80E-05	0.064484	-15.5077	0.557157	1.20429	1.20429	0.195838	1.53459	1.53459	12.6244	19.5983	1.37992	1
cg12017956	0.108175	1.34593	1.34593	0.044794	1.47761	1.47761	0.154335	0.772247	-1.29492	0.0496886	0.684194	-1.46157	9.65007	4.39129	0.404492	1
cg14003231	0.910123	1.03195	1.03195	0.00125577	0.26932	-3.71305	0.359731	0.769321	-1.29985	0.0200555	0.457789	-2.18441	9.16185	11.2541	1.09188	1
cg14639225	0.0469421	0.768262	-1.30164	0.000649345	0.545412	-1.83348	0.342631	0.892853	-1.12001	0.265718	0.874206	-1.1439	7.29662	1.55279	0.189164	1
cg22147917	0.732543	1.08822	1.08822	0.0330987	0.541152	-1.84791	0.0183025	0.493741	-2.02535	0.0864329	0.626997	-1.5949	6.69612	6.44195	0.855148	1
cg18842187	0.00889881	0.446944	-2.23742	0.0358272	0.553854	-1.80553	0.661007	1.11267	1.11267	0.0604451	0.599153	-1.66902	5.96092	5.52613	0.824054	1
cg06328100	0.0593259	0.687762	-1.45399	0.00665408	1.85739	1.85739	0.581013	1.10298	1.10298	0.232583	1.24621	1.24621	5.23506	2.56331	0.435238	1
cg00110790	0.0036819	0.493321	-2.02708	0.14506	1.32534	1.32534	0.240751	0.801678	-1.24738	0.00781624	0.540906	-1.84875	4.60824	2.3643	0.456053	1
cg11169463	0.21207	1.27822	1.27822	0.000561247	2.7152	2.7152	0.423522	0.858433	-1.16491	0.661862	0.921106	-1.08565	4.05659	2.24047	0.490936	1
cg10599507	0.929845	0.975763	-1.02484	0.016091	0.440128	-2.27206	0.24142	0.71058	-1.4073	0.0723893	0.571982	-1.74831	3.93149	4.8342	1.09299	1
cg08486432	0.576381	1.11016	1.11016	0.469639	1.14608	1.14608	0.456768	0.868928	-1.15084	0.0900123	0.704184	-1.42008	3.86151	2.04603	0.412108	1
cg26235243	0.979996	0.993669	-1.00637	0.00991291	0.438146	-2.28234	0.512536	1.18322	1.18322	0.0765574	0.607145	-1.64705	3.5366	3.59361	0.903217	1
cg23970331	0.715987	0.940261	-1.06353	0.00558744	1.84685	1.84685	0.596403	0.913839	-1.09428	0.951327	1.01034	1.01034	3.52998	1.58886	0.400094	1
cg27193704	0.272287	1.6241	1.6241	0.438151	1.39882	1.39882	0.847045	1.08541	1.08541	0.174295	0.541555	-1.84653	3.57069	10.1855	2.53559	1
cg11943820	0.0264542	0.700909	-1.42672	0.0010642	0.520298	-1.92198	0.000306186	0.453021	-2.2074	0.0176656	0.677224	-1.47662	32.9062	9.50528	0.256764	1
cg05788080	0.00419708	0.517996	-1.93052	0.000625378	0.40564	-2.46524	0.377919	0.85626	-1.16787	0.00669239	0.546967	-1.82826	14.3622	6.69249	0.414202	1
cg03446289	0.0108692	1.25819	1.25819	5.73E-05	1.70937	1.70937	0.289565	0.924086	-1.08215	0.529964	0.955333	-1.04676	12.5723	1.02708	0.0726168	1
cg03588966	0.245898	1.29802	1.29802	0.0238674	1.78508	1.78508	0.390082	1.2084	1.2084	0.997486	0.999323	-1.00068	10.233	7.48719	0.650372	1
cg03640944	0.388043	0.859714	-1.16318	0.880953	0.97472	-1.02594	0.07218	0.709734	-1.40898	0.916941	1.01798	1.01798	9.12793	4.22017	0.410965	1
cg04935278	0.0119222	0.419554	-2.38349	0.0452695	0.529543	-1.88842	0.387148	0.782419	-1.27809	0.141999	0.645981	-1.54803	7.11442	8.6329	1.07861	1
cg11276172	0.443774	1.18619	1.18619	0.407433	1.2036	1.2036	0.673202	0.911406	-1.09721	0.367697	0.816809	-1.22428	5.52395	4.1839	0.673255	1
cg15701254	0.0505951	0.726405	-1.37664	0.000897067	2.04075	2.04075	0.769852	0.958779	-1.04299	0.190924	0.819792	-1.21982	5.3478	1.74377	0.289842	1
cg23387597	0.124886	0.512647	-1.95066	0.279337	0.636115	-1.57204	0.683061	0.847799	-1.17953	0.525079	0.771796	-1.29568	4.77877	12.2441	2.2775	1
cg16301004	0.161202	0.377745	-2.64729	0.0707644	0.268842	-3.71966	0.00640535	0.0994922	-10.051	0.04266	0.219088	-4.56437	4.01144	26.8923	5.95903	1
cg19251161	0.164884	0.608898	-1.64231	0.0594915	0.490539	-2.03857	0.778617	0.909946	-1.09897	0.30718	0.701898	-1.42471	3.73579	6.63387	1.57845	1
cg27365978	0.77269	1.04217	1.04217	0.00216442	1.8477	1.8477	0.180514	1.22484	1.22484	0.911455	1.01599	1.01599	3.81327	1.22851	0.286371	1
cg11270393	0.146683	0.790298	-1.26534	8.37E-05	0.343274	-2.91313	0.0248759	0.668053	-1.49689	0.00916772	0.606569	-1.64862	8.89042	3.21395	0.32134	1
cg05497345	0.000267679	0.0410951	-24.3338	?	?	?	0.834239	0.894202	-1.11832	0.238466	0.517438	-1.9326	5.66927	22.7271	4.00881	1
cg15146125	0.273828	0.651997	-1.53375	0.00591863	0.258659	-3.8661	0.0203823	0.349948	-2.85757	0.143581	0.554166	-1.80451	4.42202	9.88059	1.98614	1
cg02802590	0.135928	0.476835	-2.09716	0.0130076	0.241644	-4.13832	0.0742591	0.399833	-2.50104	0.0999596	0.435706	-2.29512	3.82195	12.8576	2.99036	1
cg24351076	0.102463	0.513279	-1.94826	0.00417948	0.238751	-4.18846	0.146221	0.558702	-1.78986	0.00983127	0.295844	-3.38016	5.77276	12.7352	1.96097	1
cg16402142	0.241269	0.828396	-1.20715	0.271854	1.1919	1.1919	6.94E-05	0.327756	-3.05105	0.101445	0.7594	-1.31683	10.3174	3.84898	0.331606	1
cg03131598	0.0527679	0.234521	-4.264	0.758238	0.819222	-1.22067	0.00556322	0.0856173	-11.6799	0.351791	0.537235	-1.86138	7.42061	47.9477	5.02555	1
cg02047547	0.0361718	8.67597	8.67597	0.00179683	51.3535	51.3535	0.0197218	12.1529	12.1529	0.0745016	5.82508	5.82508	4.20201	52.3428	11.0725	1
cg13032702	0.101329	0.334307	-2.99127	0.0272722	0.202803	-4.93089	0.0109743	0.142375	-7.02369	0.0530183	0.261102	-3.82993	4.048	23.9148	5.25139	1
cg16733298	0.0331776	2.54858	2.54858	0.00378401	4.33986	4.33986	0.0120599	3.24195	3.24195	0.316286	1.4759	1.4759	3.51782	7.86485	1.9873	1
cg10087036	0.61684	0.86747	-1.15278	1.33E-05	0.0763375	-13.0997	0.121742	1.60447	1.60447	0.000217654	0.175855	-5.68649	24.7875	31.1849	1.1183	1
cg06442240	0.862642	0.913669	-1.09449	0.00292279	0.118641	-8.42876	0.891555	0.931349	-1.07371	0.0446108	0.300522	-3.32755	4.88395	21.0268	3.82691	1
cg02071398	0.361663	1.26436	1.26436	0.00261763	0.35258	-2.83624	0.352271	1.27056	1.27056	0.00773396	0.424915	-2.35341	4.91904	4.8755	0.881021	1
cg01204964	0.00976381	0.444019	-2.25216	0.463507	0.830781	-1.20369	0.735883	1.08775	1.08775	0.845957	0.952824	-1.04951	5.41494	5.29387	0.869015	1
cg13786429	6.35E-05	3.89479	3.89479	1.11E-05	5.62869	5.62869	6.39E-05	3.8905	3.8905	0.00023669	3.0818	3.0818	29.0032	15.683	0.48065	1
cg19190487	0.28625	0.730231	-1.36943	0.00394887	0.332644	-3.00622	0.35282	1.31183	1.31183	0.828078	1.06369	1.06369	4.82641	6.16065	1.13462	1
cg15099273	0.184247	0.872923	-1.14558	1.06E-05	0.403297	-2.47956	0.00732719	0.716348	-1.39597	0.0317308	1.275	1.275	15.3066	2.25718	0.13108	1
cg20925434	0.00473031	0.237911	-4.20326	0.000191634	0.0903479	-11.0683	0.431595	1.35952	1.35952	0.0523372	2.32649	2.32649	9.08743	18.7307	2.06117	1
cg15212956	0.484563	1.40385	1.40385	0.000113846	0.0393531	-25.411	0.683636	0.822288	-1.21612	0.702849	0.832733	-1.20087	6.02283	21.7551	3.21077	1
cg08538929	0.284393	1.20962	1.20962	0.00299559	0.498244	-2.00705	0.333793	0.843163	-1.18601	0.435664	0.872755	-1.1458	4.14549	1.92271	0.412272	1
cg19807612	0.260414	0.845154	-1.18322	0.261017	0.845349	-1.18294	0.236578	0.837162	-1.19451	0.132592	1.26186	1.26186	3.74698	1.21897	0.289173	1
cg16762072	0.875549	0.965717	-1.0355	0.00201069	2.63817	2.63817	0.266027	1.29429	1.29429	0.747261	0.930562	-1.07462	4.12878	3.23949	0.697433	1
cg22053765	0.574772	0.958987	-1.04277	0.00108886	1.42775	1.42775	0.936431	1.00591	1.00591	0.00047507	1.49989	1.49989	10.0912	0.872312	0.0768377	1
cg04142144	0.000283184	0.401496	-2.49069	0.0149895	0.631222	-1.58423	0.260825	1.19772	1.19772	0.393754	0.874245	-1.14384	9.81275	3.67833	0.333202	1
cg24921022	0.407832	0.873611	-1.14467	0.210618	1.23432	1.23432	0.133632	1.29459	1.29459	0.650427	1.07552	1.07552	6.04615	2.43895	0.358568	1
cg06623562	0.121535	1.31767	1.31767	0.00883772	1.72941	1.72941	0.357402	1.1683	1.1683	0.241703	0.817591	-1.22311	3.73178	1.59632	0.380234	1
cg02505199	3.44E-05	0.245967	-4.06559	0.0457164	0.669681	-1.49325	0.00189993	0.462932	-2.16014	0.00936911	0.561741	-1.78018	96.8873	47.0136	0.431324	1
cg09249081	0.000102766	0.662192	-1.51014	0.000664025	1.36684	1.36684	0.0130176	0.831305	-1.20293	0.0557775	0.878139	-1.13877	22.395	1.27532	0.0506195	1
cg25477928	0.157945	0.845771	-1.18235	2.85E-05	0.40147	-2.49085	0.308511	0.889633	-1.12406	0.738824	0.963554	-1.03782	13.6277	2.65712	0.173316	1
cg13755512	5.29E-05	0.144785	-6.90678	0.000205013	0.203454	-4.91511	0.873898	0.960163	-1.04149	0.034145	1.88274	1.88274	12.9361	13.4216	0.922245	1
cg03536404	0.00312444	0.215344	-4.64373	0.00938312	0.286063	-3.49573	0.76916	0.894207	-1.11831	0.0044441	0.236423	-4.2297	6.691	15.2995	2.03251	1
cg21664866	0.0100775	0.373085	-2.68035	0.0461358	0.499667	-2.00133	0.868803	1.05148	1.05148	0.0136357	0.395937	-2.52566	6.11373	8.9271	1.29793	1
cg02868976	0.216566	0.508606	-1.96616	0.0171825	0.220978	-4.52534	0.764693	1.16892	1.16892	0.0557236	0.323971	-3.0867	4.10916	17.5935	3.80581	1
cg11369026	0.78233	0.966063	-1.03513	0.00206782	0.582295	-1.71734	0.280815	0.869579	-1.14998	0.0437532	1.33504	1.33504	3.91571	0.963783	0.218784	1
cg10287032	0.0542937	0.393538	-2.54105	0.00814524	0.23544	-4.24736	0.0726127	2.35216	2.35216	0.118044	0.484452	-2.06419	3.83638	11.0794	2.5671	1
cg09655862	0.677085	0.900899	-1.11	0.621747	1.13193	1.13193	0.00151711	0.320409	-3.12101	0.582469	0.870781	-1.14839	3.81051	3.74758	0.874209	1
cg26886850	0.0805428	0.414206	-2.41426	0.0043238	0.17649	-5.66606	0.0343695	0.325536	-3.07186	0.993125	0.99609	-1.00393	3.64128	11.925	2.91106	1
cg06731484	0.0296591	1.38925	1.38925	0.0302016	0.72086	-1.38723	0.32648	1.13895	1.13895	0.944432	0.991088	-1.00899	8.7675	2.29025	0.232196	1
cg05440289	8.44E-06	0.19295	-5.1827	1.54E-06	0.127504	-7.84288	4.39E-05	0.268608	-3.7229	0.000124169	0.321439	-3.11101	47.4059	21.6052	0.405111	1
cg25082710	6.73E-05	0.103857	-9.62863	0.000351345	0.168289	-5.94216	1.62E-05	0.0635389	-15.7384	0.00289589	0.280671	-3.56289	31.7293	48.3764	1.35525	1
cg02889647	0.000374322	0.199736	-5.00661	0.247386	0.710049	-1.40835	0.000796338	0.238301	-4.19638	0.0148089	0.42787	-2.33716	21.2434	26.9702	1.12851	1
cg15059851	0.000403496	0.123039	-8.12752	0.0416635	0.41698	-2.39819	0.000196865	0.0971878	-10.2894	0.00670157	0.269845	-3.70583	18.0503	39.6638	1.95325	1
cg15486123	0.00096265	0.0904289	-11.0584	0.0197406	0.252479	-3.96073	0.00162159	0.109875	-9.10121	0.0162404	0.237642	-4.20801	12.1982	46.169	3.36437	1
cg02855850	0.00987531	0.202651	-4.93458	0.00497899	0.162013	-6.17235	0.00298624	0.136116	-7.34667	0.0398417	0.312441	-3.2006	6.31546	23.9761	3.37459	1
cg21419383	0.0101413	0.0933027	-10.7178	0.869417	1.12788	1.12788	0.00989802	0.092227	-10.8428	0.0168423	0.118485	-8.43987	4.13022	34.9918	7.5308	1
cg18273350	0.0117644	0.260853	-3.83358	0.00304812	0.176689	-5.65965	0.272179	1.62927	1.62927	0.0405735	0.364239	-2.74545	5.14605	14.8653	2.56772	1
cg17297305	0.505388	0.801436	-1.24776	0.0283579	0.42843	-2.3341	0.0658529	0.508654	-1.96597	0.145456	0.599307	-1.66859	3.41323	5.79904	1.51021	1
cg21581038	0.129823	1.26595	1.26595	0.0673465	0.744217	-1.34369	0.36097	1.14492	1.14492	0.577101	1.08457	1.08457	46.8853	15.4218	0.292379	1
cg00350405	0.00209336	0.332227	-3.00999	0.0036583	0.367707	-2.71956	0.602456	1.14313	1.14313	0.0134269	0.458752	-2.17983	10.7373	11.0189	0.9122	1
cg23570261	0.00950682	0.716686	-1.39531	0.125974	1.1828	1.1828	0.00729445	0.70409	-1.42027	0.464742	0.927331	-1.07836	8.84038	1.43955	0.144745	1
cg22196977	0.0456172	1.27096	1.27096	0.0108426	0.715552	-1.39752	0.0415273	1.27874	1.27874	0.0149187	0.731122	-1.36776	5.92684	1.02725	0.154064	1
cg06193838	0.431785	0.835942	-1.19625	0.00836937	0.471211	-2.12219	0.017607	1.90606	1.90606	0.78137	0.939753	-1.06411	4.71872	3.72792	0.702248	1
cg10939746	0.0968869	2.18911	2.18911	0.00801575	4.30931	4.30931	0.0689486	2.39907	2.39907	0.0488404	2.63066	2.63066	3.83825	11.2374	2.60245	1
cg10180764	0.989926	1.00604	1.00604	0.00194011	0.12368	-8.08537	0.831972	0.90368	-1.10659	0.0982372	0.42127	-2.37377	3.7795	13.6011	3.1988	1
cg02927859	0.83762	0.966547	-1.03461	0.000141682	0.336726	-2.96978	0.00119105	0.454857	-2.19849	0.0127843	0.598801	-1.67	18.5596	8.08151	0.387053	1
cg22804839	0.745448	0.876831	-1.14047	0.00154728	0.159298	-6.27756	0.00571744	0.231749	-4.31501	0.00257612	0.185239	-5.39842	7.60943	19.6218	2.29211	1
cg22772440	0.913097	1.03775	1.03775	0.0175256	2.66814	2.66814	0.276655	0.681065	-1.46829	0.193256	0.626663	-1.59575	5.67683	10.3602	1.62222	1
cg02307277	0.00120143	0.195995	-5.10218	6.29E-05	0.0795497	-12.5708	0.145042	0.584162	-1.71185	0.00450268	0.272364	-3.67156	16.8598	31.5057	1.66106	1
cg20416179	0.00469431	0.535738	-1.86658	0.000125021	0.329526	-3.03466	0.0509745	0.691274	-1.4466	0.0106364	0.586575	-1.70481	14.3266	6.25885	0.388329	1
cg08610426	0.302796	2.80222	2.80222	0.00300021	50.8467	50.8467	0.0165197	16.8963	16.8963	0.0725928	6.9153	6.9153	4.46947	65.9631	13.1188	1
cg10234985	0.621205	1.35617	1.35617	0.0169029	5.94394	5.94394	0.017061	5.92246	5.92246	0.581548	1.4056	1.4056	3.81623	22.6119	5.26684	1
cg18537730	0.490892	2.43302	2.43302	0.0232652	31.3791	31.3791	0.017854	38.807	38.807	0.320597	3.68418	3.68418	3.65103	93.3648	22.7308	1
cg26750002	0.0307482	2.25149	2.25149	0.00147502	4.33897	4.33897	0.0211782	2.42632	2.42632	0.0152255	2.59444	2.59444	5.21734	8.45352	1.44024	1
cg26705720	5.50E-05	2.91553	2.91553	0.000100865	0.374489	-2.67031	0.00174034	0.52927	-1.88939	0.249809	1.18695	1.18695	28.3601	9.12099	0.285879	1
cg14881179	0.197885	1.12267	1.12267	0.00922603	0.755042	-1.32443	0.315456	1.09226	1.09226	0.0416965	1.22093	1.22093	8.93956	1.02342	0.101762	1
cg18079128	0.0295145	1.67641	1.67641	0.00070684	0.353314	-2.83034	0.454763	0.857715	-1.16589	0.242301	0.781386	-1.27978	7.41293	4.77086	0.572076	1
cg13592599	0.00940068	0.341282	-2.93013	0.00698588	0.320093	-3.1241	0.751209	0.901358	-1.10944	0.343436	0.72712	-1.37529	5.83198	9.84665	1.50079	1
cg01560399	0.29885	0.818039	-1.22244	0.0817122	0.697785	-1.43311	0.00591145	0.510862	-1.95748	0.765309	1.05743	1.05743	4.89844	2.69902	0.489774	1
cg24652271	0.0460706	0.758943	-1.31762	0.25511	0.866434	-1.15416	0.456581	1.09581	1.09581	0.740637	1.0409	1.0409	3.50537	0.808347	0.20498	1
cg16791173	0.0329618	1.47163	1.47163	0.114184	1.305	1.305	0.375885	1.15117	1.15117	0.00527339	0.565618	-1.76798	24.7833	9.41996	0.33786	1
cg17989886	0.0410612	1.24936	1.24936	0.0384804	1.25413	1.25413	0.792183	1.02525	1.02525	0.00022861	0.560898	-1.78286	19.7221	2.78594	0.125564	1
cg09801491	0.0659011	0.700381	-1.42779	0.000128686	0.317017	-3.1544	0.874103	0.973004	-1.02775	0.00692439	0.547075	-1.8279	18.8955	8.91419	0.419345	1
cg06801852	0.0288918	0.504155	-1.98352	0.000160386	0.18013	-5.55154	0.353937	0.776053	-1.28857	0.147639	0.661674	-1.51132	14.49	16.2176	0.994872	1
cg23957920	0.00171285	1.54569	1.54569	1.39E-05	2.4167	2.4167	0.0142913	1.34163	1.34163	0.813716	1.02323	1.02323	13.4406	2.01423	0.13321	1
cg01853367	0.00249534	2.19034	2.19034	0.00898877	0.537988	-1.85878	0.199993	1.28743	1.28743	0.00474504	0.496652	-2.01348	11.9637	6.59829	0.490245	1
cg12341060	?	?	?	?	?	?	0.000306777	0.0874082	-11.4406	0.0483793	0.444408	-2.25018	17.3542	23.8287	1.17692	1
cg10378244	0.00357237	0.437164	-2.28747	0.0448386	1.62052	1.62052	0.260348	0.781825	-1.27906	0.247772	0.77622	-1.28829	10.3889	7.23132	0.618723	1
cg16092069	0.0226297	0.32129	-3.11246	0.000105318	0.0578703	-17.28	0.178023	0.551367	-1.81367	0.926829	0.962511	-1.03895	9.02297	24.7284	2.4361	1
cg18212924	0.499117	0.864759	-1.15639	0.0205094	0.553675	-1.80611	0.191999	0.746404	-1.33976	0.00053357	0.319297	-3.13188	7.00915	4.97885	0.63141	1
cg13739066	0.0109233	1.99767	1.99767	0.00433108	2.28408	2.28408	0.0169425	1.87926	1.87926	0.0430442	1.65579	1.65579	6.9819	5.18818	0.660525	1
cg23169652	0.000252109	0.244221	-4.09465	0.0642467	0.615263	-1.62532	0.115458	0.670491	-1.49144	0.514376	1.16702	1.16702	6.02381	5.2058	0.768181	1
cg19893664	0.101708	0.357166	-2.79982	0.00226361	0.085874	-11.645	0.199022	2.18116	2.18116	0.0425663	0.261377	-3.82589	5.73306	29.9828	4.64872	1
cg10293824	0.0137421	0.482798	-2.07126	0.000792285	0.297663	-3.3595	0.132003	1.4749	1.4749	0.244559	0.747532	-1.33774	5.77624	4.646	0.804328	1
cg24150986	0.0865507	0.541657	-1.84619	0.000987468	0.204823	-4.88226	0.461592	0.784486	-1.27472	0.0175171	0.392047	-2.55071	5.32969	8.8531	1.47653	1
cg19722382	0.426458	1.14819	1.14819	0.23241	1.23752	1.23752	0.108709	1.34679	1.34679	0.00702067	0.552583	-1.80968	4.6952	2.15341	0.40768	1
cg04524668	0.525991	0.777472	-1.28622	0.000376565	0.107899	-9.26795	0.501542	0.765519	-1.3063	0.835048	0.921567	-1.08511	4.61804	11.2229	2.16021	1
cg12913122	0.0925238	2.47213	2.47213	0.00104397	10.7237	10.7237	0.0357757	3.30152	3.30152	0.194542	1.95603	1.95603	4.34356	16.4423	3.36484	1
cg20330566	0.791947	1.02617	1.02617	0.565473	1.05842	1.05842	0.633293	0.954114	-1.04809	0.285991	0.89737	-1.11437	4.30893	0.651739	0.134447	1
cg18324600	0.255906	1.27602	1.27602	0.529515	0.877297	-1.13986	0.0140993	1.86396	1.86396	0.0177505	1.80851	1.80851	3.75856	2.51437	0.594642	1
cg05335315	0.124258	3.77607	3.77607	0.00205963	31.9815	31.9815	0.0407581	6.58968	6.58968	0.063791	5.27704	5.27704	3.69126	37.2539	8.97107	1
cg27177839	0.164319	2.77586	2.77586	0.002286	18.8117	18.8117	0.020633	6.80785	6.80785	0.12875	3.0944	3.0944	3.61021	27.0691	6.66483	1
cg04818637	0.00162722	0.275767	-3.62625	0.178532	0.665104	-1.50352	0.912645	1.03181	1.03181	0.727199	1.10509	1.10509	3.44215	4.43802	1.14606	1
cg11039464	0.227874	0.60616	-1.64973	0.0152558	3.24906	3.24906	0.731918	1.14569	1.14569	0.767174	1.1246	1.1246	24.6905	61.1679	2.20213	1
cg04151612	0.000947969	0.60022	-1.66606	0.084565	0.820688	-1.21849	0.136973	1.1805	1.1805	0.00317749	1.51796	1.51796	14.5025	2.46445	0.151052	1
cg16794345	0.758982	0.947083	-1.05587	5.17E-06	0.160528	-6.22944	0.112001	0.73658	-1.35763	0.915298	0.98138	-1.01897	13.7892	6.81611	0.439384	1
cg23459997	0.223466	0.901153	-1.10969	0.640522	1.03901	1.03901	0.195293	1.11791	1.11791	0.00528857	1.34872	1.34872	8.7956	0.922398	0.0932181	1
cg21777166	0.149848	0.681887	-1.46652	0.003717	0.378334	-2.64317	0.0913591	1.58582	1.58582	0.00322997	0.369203	-2.70854	6.91491	6.73587	0.865874	1
cg14209987	0.0142916	0.148979	-6.71238	?	?	?	?	?	?	0.502992	0.671958	-1.48819	5.52653	12.5395	3.40346	1
cg07798602	0.0409664	0.506071	-1.97601	0.000834267	0.234109	-4.27151	0.888684	1.04127	1.04127	0.00159857	0.270507	-3.69676	11.2287	14.8262	1.17368	1
cg00153395	0.00136617	0.367003	-2.72477	0.428907	0.840114	-1.19032	0.569084	1.13219	1.13219	0.0107935	0.501143	-1.99544	8.92218	6.57656	0.655202	1
cg26315985	0.69426	0.849697	-1.17689	0.00145703	0.150231	-6.65641	0.511485	1.31592	1.31592	0.013984	0.286121	-3.49502	8.72572	23.4902	2.39295	1
cg16250812	0.0315462	0.540294	-1.85085	0.82734	1.05478	1.05478	0.593599	0.876768	-1.14055	0.0337713	0.545927	-1.83175	8.60298	8.12282	0.839276	1
cg18052443	0.00518182	0.672916	-1.48607	0.059701	0.796044	-1.25621	0.217951	0.870124	-1.14926	0.0337787	1.30485	1.30485	7.86575	1.4355	0.162223	1
cg09765463	0.0140818	0.272229	-3.67337	0.00122252	0.131192	-7.62243	0.583154	0.788254	-1.26863	0.0123333	0.262438	-3.81042	7.00902	20.4598	2.59472	1
cg07453451	0.688534	0.90588	-1.1039	0.0811159	0.622256	-1.60706	0.000125343	0.194158	-5.15045	0.468689	1.19825	1.19825	6.75815	6.4414	0.847228	1
cg13420662	0.604659	0.911524	-1.09706	0.00601749	0.529091	-1.89004	0.0077316	0.54505	-1.83469	0.23234	0.800784	-1.24878	5.99838	2.98891	0.44292	1
cg22945413	0.319074	0.652914	-1.5316	0.00605546	0.226701	-4.41109	0.10197	0.476595	-2.09822	0.0125264	0.276401	-3.61794	5.91312	16.0522	2.41304	1
cg15997411	0.695371	1.06204	1.06204	0.0311091	1.47252	1.47252	0.537	0.908818	-1.10033	0.521546	0.905412	-1.10447	5.73958	2.12642	0.329319	1
cg00420347	0.0870342	1.12371	1.12371	0.0102935	1.22087	1.22087	0.0949807	0.892929	-1.11991	0.617872	0.969434	-1.03153	4.49887	0.271445	0.0536323	1
cg25020373	0.00109626	0.240536	-4.15738	0.623214	1.15782	1.15782	0.178029	1.52735	1.52735	0.363349	0.758464	-1.31845	3.97175	5.50889	1.23291	1
cg24866203	0.712349	1.10017	1.10017	0.0511848	1.77253	1.77253	0.321609	1.30208	1.30208	0.193945	0.701672	-1.42517	3.70169	3.89578	0.935497	1
cg14170181	0.123665	1.21522	1.21522	0.0305247	1.34601	1.34601	0.376529	0.899352	-1.11191	0.000502882	0.529462	-1.88871	28.0496	6.07048	0.192373	1
cg03071195	0.867099	1.02449	1.02449	0.255792	0.8425	-1.18694	0.794637	1.0384	1.0384	6.39E-06	0.233531	-4.28209	14.5972	4.82508	0.293821	1
cg10680180	0.00819732	1.27544	1.27544	9.35E-05	1.65055	1.65055	0.0669614	0.862696	-1.15916	0.0660048	1.17877	1.17877	9.52517	0.788549	0.0728228	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21684470	JAK2	0.00225159	0.702447	1.071	1.071	0.00163627	0.446573	-2.23928	0.241291	1.2451	1.2451	0.0715358	1.43281	1.43281	0.169605	0.769913	-1.29885	0.0103189	1.78168	1.78168	0.00489316	1.94741	1.94741	0.0858227	1.40396	1.40396	0.00135496	2.29678	2.29678	9.31387	4.71146	0.449649	1
cg07999015	JAK2	0.00581891	0.216974	0.816723	-1.22441	0.583405	1.09015	1.09015	0.833518	1.03335	1.03335	0.00525644	0.563487	-1.77467	0.723042	0.946052	-1.05702	0.0103573	0.604544	-1.65414	0.736395	1.05407	1.05407	0.0176684	1.56794	1.56794	0.00209827	1.96285	1.96285	7.00506	2.69476	0.341945	1
cg05785554	JAK2	0.00682764	0.810238	1.02163	1.02163	0.0174909	0.773112	-1.29347	0.0825448	0.842751	-1.18659	0.520159	1.05972	1.05972	0.0438461	1.22889	1.22889	0.214814	1.1232	1.1232	0.000370522	1.66022	1.66022	0.357331	1.08787	1.08787	0.476023	1.0666	1.0666	6.6667	0.835808	0.111441	1
cg13661497	JAK2	0.00848875	0.385422	0.910868	-1.09785	0.00523915	1.47164	1.47164	0.00398523	1.50095	1.50095	0.743711	0.966166	-1.03502	0.54786	1.06588	1.06588	0.0192128	1.34608	1.34608	0.00912228	1.41554	1.41554	0.0501007	0.791076	-1.2641	0.194049	1.15506	1.15506	6.22662	1.08549	0.15496	1
cg23449780	JAK2	0.0123821	0.0195594	0.730177	-1.36953	0.151892	1.18661	1.18661	0.434241	1.093	1.093	0.60252	1.06031	1.06031	0.130301	0.833497	-1.19976	0.000507214	0.545796	-1.83219	0.859701	0.980474	-1.01991	0.717628	0.960331	-1.04131	0.0978591	0.816764	-1.22434	5.51703	1.08546	0.174886	1
cg13491304	JAK2	0.0316261	0.0524286	1.28591	1.28591	0.193959	0.854969	-1.16963	0.00705965	0.672349	-1.48732	0.104667	1.2241	1.2241	0.262004	1.14265	1.14265	0.399097	1.10343	1.10343	0.149926	1.19242	1.19242	0.572349	1.06721	1.06721	0.0800196	0.801356	-1.24789	4.0107	0.825685	0.182996	1
cg13762471	JAK2	0.032803	0.863522	0.972807	-1.02795	0.0737054	0.726528	-1.37641	0.477837	0.890795	-1.12259	0.238194	0.820388	-1.21894	0.633393	0.925891	-1.08004	0.0423996	0.68759	-1.45436	0.0052846	1.80255	1.80255	0.780847	0.956291	-1.04571	0.0521907	1.4246	1.4246	3.95856	1.60989	0.361499	1
cg13531502	JAK2	0.0376528	0.718108	1.06108	1.06108	0.2062	1.24367	1.24367	0.00294776	1.94969	1.94969	0.394562	1.15329	1.15329	0.783874	1.04599	1.04599	0.0338301	1.49968	1.49968	0.821395	0.963695	-1.03767	0.0668461	0.714607	-1.39937	0.0995454	1.34345	1.34345	3.76575	1.59527	0.376556	1
cg03390472	JAK2	0.0480513	0.516865	1.14226	1.14226	0.0110057	0.524363	-1.90708	0.641205	0.909385	-1.09964	0.196357	0.758441	-1.31849	0.573674	0.891312	-1.12194	0.0337581	1.65163	1.65163	0.357988	0.825874	-1.21084	0.0468648	1.58485	1.58485	0.346171	1.21695	1.21695	3.43958	2.23138	0.576655	1
cg20394284	JAK2	0.0498459	0.331191	1.50466	1.50466	0.0545005	2.43267	2.43267	0.0648694	0.429614	-2.32767	0.113864	2.01568	2.01568	0.299546	1.5498	1.5498	0.659111	1.19831	1.19831	0.599997	0.806035	-1.24064	0.0107048	0.270582	-3.69574	0.363314	0.68337	-1.46334	3.39211	8.9213	2.33779	1
cg04557677	JAK3	4.24E-06	1.68E-07	0.104616	-9.55874	0.180261	1.21957	1.21957	0.000926688	0.501608	-1.99359	0.700172	1.05546	1.05546	0.506132	0.910185	-1.09868	0.00040332	2.19186	2.19186	8.11E-05	2.69613	2.69613	0.00477273	1.68645	1.68645	0.243636	0.84351	-1.18552	50.6535	15.6118	0.273962	1
cg01089639	JAK3	0.00166983	0.0102854	0.471288	-2.12184	0.0103342	2.12032	2.12032	0.0244521	0.535992	-1.8657	0.233493	0.747824	-1.33721	0.0375855	0.57053	-1.75276	0.00829936	2.19247	2.19247	0.00102122	3.1046	3.1046	0.0216674	1.899	1.899	0.359025	1.24533	1.24533	10.1603	8.70838	0.761869	1
cg03272225	JAK3	0.00620878	0.136473	0.539483	-1.85363	0.483561	0.760416	-1.31507	0.224355	0.612023	-1.63392	0.0651224	0.450853	-2.21802	0.000148356	0.0813878	-12.2868	0.00605444	0.251825	-3.97101	0.300065	0.661591	-1.51151	0.852891	1.07402	1.07402	0.0214101	0.345284	-2.89617	6.8662	16.0919	2.08324	1
cg17423207	JAK3	0.0068674	0.00633033	0.42612	-2.34676	0.356359	1.25564	1.25564	0.900326	0.970379	-1.03052	0.0568294	1.67741	1.67741	0.0192756	0.506995	-1.97241	0.0983748	1.54492	1.54492	0.027531	1.86909	1.86909	0.0153041	2.04308	2.04308	0.0189521	1.97748	1.97748	6.65466	6.06878	0.810631	1
cg22949562	JAK3	0.00833151	0.178377	0.54861	-1.82279	0.455222	1.37623	1.37623	0.0184474	0.301133	-3.32079	0.0968746	2.14934	2.14934	0.0247028	0.325336	-3.07375	0.222267	0.583582	-1.71355	0.00476907	4.82224	4.82224	0.00736993	0.234588	-4.26279	0.693325	1.18106	1.18106	6.26349	17.4881	2.48184	1
cg03039294	JAK3	0.00895645	0.324228	1.14779	1.14779	0.371406	0.883151	-1.13231	0.00426018	0.595824	-1.67835	0.346774	0.877065	-1.14017	0.00190946	0.551437	-1.81344	0.0402374	0.725516	-1.37833	0.0376328	0.721441	-1.38611	0.00350059	0.584905	-1.70968	0.0478146	0.736119	-1.35848	6.12179	1.77726	0.258059	1
cg14934242	JAK3	0.00915007	0.0327671	0.495039	-2.02004	0.58208	0.855159	-1.16937	0.21623	0.693272	-1.44244	0.137239	0.637246	-1.56925	0.0067645	0.372251	-2.68636	0.0291081	0.484849	-2.0625	0.00163563	0.280869	-3.56038	0.00117397	0.261706	-3.82108	0.11198	0.614345	-1.62775	6.08036	7.631	1.11558	1
cg21718276	JAK3	0.00947821	0.779056	0.828948	-1.20635	0.00438428	0.0790422	-12.6515	0.0190463	0.150601	-6.64008	0.108658	0.311257	-3.21278	0.00238086	0.0593055	-16.8618	0.0728173	0.263199	-3.7994	0.00178252	0.0514957	-19.4191	0.74342	0.803255	-1.24493	0.0519833	0.228852	-4.36964	6.01259	42.3652	6.26318	1
cg05635754	JAK3	0.022844	0.0775458	0.339415	-2.94625	0.123728	2.50471	2.50471	0.676162	0.793458	-1.26031	0.0645681	3.13749	3.13749	0.0247587	0.229444	-4.35837	0.237039	1.97834	1.97834	0.399689	0.622002	-1.60771	0.0114932	5.70432	5.70432	0.0546628	3.32157	3.32157	4.49539	21.5948	4.27001	1
cg03491584	JAK3	0.0326858	0.0078614	0.407996	-2.45101	0.333451	1.29985	1.29985	0.8781	1.04117	1.04117	0.302397	1.32424	1.32424	0.0233813	0.490615	-2.03826	0.132878	1.53149	1.53149	0.926282	1.02462	1.02462	0.088247	1.63963	1.63963	0.113443	1.57269	1.57269	3.96364	4.33786	0.97281	1
cg02285920	JAK3	0.0331684	0.0147725	0.413648	-2.41752	0.940444	1.02223	1.02223	0.260476	0.707969	-1.41249	0.295836	1.37572	1.37572	0.0597871	0.535268	-1.86822	0.0304535	2.11361	2.11361	0.050984	1.92341	1.92341	0.169621	1.53801	1.53801	0.458084	1.24898	1.24898	3.94284	5.40666	1.2189	1
cg12957407	JAK3	0.0345553	0.566596	1.29472	1.29472	0.760434	1.1461	1.1461	0.00822144	0.221467	-4.51535	0.567012	0.772585	-1.29436	0.0145853	0.261498	-3.82412	0.0517298	0.372622	-2.68369	0.0830766	0.425019	-2.35284	0.017958	0.277426	-3.60457	0.0673028	0.40082	-2.49489	3.88505	12.2338	2.79905	1
cg08130179	JAK3	0.0350222	0.195462	0.613242	-1.63068	0.156584	1.71804	1.71804	0.979295	1.00931	1.00931	0.185056	1.65201	1.65201	0.07016	0.485285	-2.06065	0.0241592	2.61203	2.61203	0.0157383	2.87766	2.87766	0.0377759	2.36419	2.36419	0.197412	1.62682	1.62682	3.86625	7.81038	1.79568	1
cg25469360	JAKMIP1	2.77E-05	0.000644066	0.586202	-1.7059	4.12E-07	0.22992	-4.34933	0.00109845	0.612047	-1.63386	0.0019861	0.640525	-1.56122	0.708424	1.03906	1.03906	0.0319855	0.773911	-1.29214	0.11054	1.19407	1.19407	0.965861	0.995644	-1.00437	0.0641774	0.808845	-1.23633	31.0914	5.12282	0.146459	1
cg19600667	JAKMIP1	0.000377177	0.0857466	0.779783	-1.28241	0.00121507	0.53779	-1.85946	0.000171964	0.433423	-2.30722	4.71E-05	0.366105	-2.73146	0.00583591	0.623257	-1.60447	0.000804442	0.515589	-1.93953	0.240086	1.17482	1.17482	0.487822	0.911811	-1.09672	0.237944	0.850511	-1.17576	15.4482	4.19747	0.241522	1
cg18680626	JAKMIP1	0.00647115	0.182437	0.69414	-1.44063	0.00578107	0.393386	-2.54203	0.0137377	0.455648	-2.19467	0.642482	1.1282	1.1282	0.00137651	0.301998	-3.31128	0.0344298	0.529149	-1.88983	0.00165656	0.313034	-3.19454	0.0227055	0.494762	-2.02117	0.257826	0.737378	-1.35616	6.77872	7.14672	0.937144	1
cg26135441	JAKMIP1;JAKMIP1	0.00151342	0.00714606	0.245149	-4.07915	0.000102536	0.0618553	-16.1668	0.053903	0.412438	-2.42461	0.776524	1.12207	1.12207	0.00256757	0.184127	-5.43104	0.00972956	0.266216	-3.75634	0.00199413	0.170953	-5.84956	0.00570325	0.230578	-4.33692	0.0858181	0.463772	-2.15623	10.4527	27.1156	2.30588	1
cg20691080	JAKMIP1;JAKMIP1	0.00319883	0.00283827	0.479675	-2.08474	0.551875	0.897983	-1.11361	0.462644	1.14301	1.14301	0.33571	0.837388	-1.19419	7.02E-05	0.273331	-3.65857	0.355565	0.843756	-1.18518	0.164094	0.766876	-1.30399	0.761469	1.05594	1.05594	0.0682158	0.694164	-1.44058	8.39637	4.25004	0.449934	1
cg04865110	JAKMIP1;JAKMIP1	0.00330147	0.504822	0.921516	-1.08517	0.950227	1.00757	1.00757	0.781168	1.03421	1.03421	0.213991	1.17119	1.17119	0.445454	0.910337	-1.09849	0.545705	0.928808	-1.07665	9.16E-05	0.429994	-2.32561	0.0154645	1.4316	1.4316	0.121082	1.2251	1.2251	8.31769	1.9216	0.205356	1
cg06231140	JAKMIP1;JAKMIP1	0.00340269	0.0291109	2.05534	2.05534	0.00124739	3.74757	3.74757	0.355219	1.30531	1.30531	0.695734	1.1164	1.1164	0.00695522	2.65982	2.65982	0.0113604	2.42992	2.42992	0.000379291	4.90711	4.90711	0.00553352	2.77694	2.77694	0.558448	1.18032	1.18032	8.24302	10.2466	1.10494	1
cg02369820	JAKMIP1;JAKMIP1	0.00616572	0.0155475	0.379997	-2.6316	0.0164573	0.384517	-2.60066	0.04177	0.465224	-2.1495	0.975262	1.01016	1.01016	0.000277553	0.143703	-6.95882	0.0141775	0.372753	-2.68274	0.0362138	0.451955	-2.21261	0.129294	0.585986	-1.70652	0.0148271	0.376257	-2.65776	6.88099	11.5879	1.49693	1
cg09216442	JAKMIP1;JAKMIP1	0.00766925	0.0349237	0.557742	-1.79294	0.017338	0.502416	-1.99038	0.0748968	0.624263	-1.60189	0.111171	1.51012	1.51012	0.01731	0.502293	-1.99087	0.317122	0.782204	-1.27844	0.00122859	0.32535	-3.07361	0.00393421	0.397907	-2.51315	0.381055	0.807825	-1.23789	6.42887	5.74462	0.79428	1
cg16724588	JAKMIP1;JAKMIP1	0.00826445	0.0216954	2.75436	2.75436	0.00368765	4.23274	4.23274	0.228599	1.59127	1.59127	0.463124	1.31595	1.31595	0.0363002	2.44686	2.44686	0.0143558	3.0332	3.0332	0.000853663	6.30905	6.30905	0.00607257	3.73278	3.73278	0.138647	1.79687	1.79687	6.27948	13.4411	1.90264	1
cg21003654	JAKMIP1;JAKMIP1	0.0107472	0.0222281	2.07573	2.07573	0.00162274	3.33216	3.33216	0.460333	0.818489	-1.22176	0.0710146	1.71161	1.71161	0.758418	0.921085	-1.08568	0.999771	0.999924	-1.00008	0.173645	1.4707	1.4707	0.00174777	3.28348	3.28348	0.0886163	1.6496	1.6496	5.77559	6.49492	0.999597	1
cg18994250	JAKMIP1;JAKMIP1	0.0150547	0.0650052	2.06964	2.06964	0.00681848	3.42288	3.42288	0.869115	0.943749	-1.0596	0.992961	0.996908	-1.0031	0.114711	1.82614	1.82614	0.0267468	2.5127	2.5127	0.00126868	5.21168	5.21168	0.0165182	2.79582	2.79582	0.302211	1.45529	1.45529	5.17446	10.0997	1.73496	1
cg14241509	JAKMIP1;JAKMIP1	0.0179787	0.222437	0.610854	-1.63705	0.000708257	0.137599	-7.2675	0.0634438	0.448286	-2.23072	0.244883	1.59619	1.59619	0.0891518	0.48644	-2.05575	0.080624	0.474798	-2.10616	0.114546	0.51696	-1.93438	0.0355703	0.390419	-2.56135	0.89624	0.95108	-1.05144	4.87707	11.4147	2.08043	1
cg22098660	JAKMIP1;JAKMIP1	0.021486	0.0494189	2.39655	2.39655	0.119149	1.9333	1.9333	0.198838	1.69763	1.69763	0.657992	1.18965	1.18965	0.0555822	2.32933	2.32933	0.0301434	2.70171	2.70171	0.000759164	7.31111	7.31111	0.0236442	2.8667	2.8667	0.205588	1.68289	1.68289	4.59098	11.0473	2.13894	1
cg08377398	JAKMIP1;JAKMIP1	0.0470665	0.838403	0.949507	-1.05318	0.702157	0.90711	-1.1024	0.213675	0.717318	-1.39408	0.263908	0.744168	-1.34378	0.475265	1.20228	1.20228	0.00993913	0.437711	-2.28461	0.0169187	0.477478	-2.09434	0.476083	0.83205	-1.20185	0.00739403	0.416589	-2.40045	3.46657	3.53468	0.906353	1
cg01519742	JAKMIP1;JAKMIP1;JAKMIP1;JAKMIP1	0.020933	0.729328	1.03782	1.03782	0.805237	1.02675	1.02675	0.0325561	1.30651	1.30651	0.628356	1.05351	1.05351	0.663432	0.954284	-1.04791	0.7744	1.03119	1.03119	0.00205279	0.628667	-1.59067	0.0534291	1.26422	1.26422	0.0565505	0.793989	-1.25946	4.63208	0.837841	0.160781	1
cg16776717	JAKMIP2	1.99E-05	0.124567	1.2933	1.2933	6.56E-05	0.322089	-3.10474	0.0189584	0.64439	-1.55186	0.00757082	0.587807	-1.70124	3.11E-05	0.284546	-3.51438	0.0222473	1.5278	1.5278	1.92E-06	0.161254	-6.20139	0.0146943	0.628425	-1.59128	0.000137411	0.360648	-2.77278	33.9358	12.858	0.336792	1
ch.5.2763962F	JAKMIP2	2.77E-05	0.276177	0.812319	-1.23104	0.00996271	0.550327	-1.8171	0.681126	1.07877	1.07877	3.21E-07	0.0651276	-15.3545	0.000136375	0.297809	-3.35786	0.870578	0.970522	-1.03037	0.0820476	0.702184	-1.42413	0.0340406	0.635085	-1.57459	0.0070827	0.528055	-1.89374	31.1166	16.5955	0.474074	1
cg27629290	JAKMIP2	0.000565996	0.0266099	1.75678	1.75678	0.109512	0.687867	-1.45377	0.0339042	1.70071	1.70071	0.000389515	3.3624	3.3624	0.00137769	0.369728	-2.70469	0.773971	1.06369	1.06369	0.0265052	0.568922	-1.75771	0.000414515	3.32444	3.32444	0.776976	0.94092	-1.06279	13.8065	10.0547	0.647336	1
cg00834796	JAKMIP2	0.00432495	0.391192	0.857336	-1.1664	0.00142308	2.24491	2.24491	0.00177764	2.18042	2.18042	0.0848573	0.716147	-1.39636	0.611635	0.914195	-1.09386	0.418162	1.15598	1.15598	0.00935306	0.561321	-1.78151	0.706853	1.06843	1.06843	0.279048	0.82104	-1.21797	7.66939	3.72862	0.43215	1
cg14615553	JAKMIP2	0.00484169	0.201555	0.672648	-1.48666	0.0699597	1.81439	1.81439	0.109683	1.66985	1.66985	0.324672	1.34857	1.34857	0.000757178	0.222855	-4.48723	0.164734	1.54619	1.54619	0.364878	0.760522	-1.31489	0.171342	1.5345	1.5345	0.00338677	0.309906	-3.22678	7.41096	10.1467	1.21702	1
cg24651828	JAKMIP2	0.0239789	0.0406878	0.183289	-5.45585	0.455275	0.57924	-1.7264	0.0194551	0.131567	-7.60071	0.451552	0.576529	-1.73452	0.00508339	0.0700167	-14.2823	0.123408	0.301726	-3.31426	0.0033783	0.0571505	-17.4977	0.736488	0.784664	-1.27443	0.0322101	0.16512	-6.05619	4.42075	36.095	7.2577	1
cg22569154	JAKMIP2	0.0333508	0.942445	0.97382	-1.02688	0.399528	0.728423	-1.37283	0.748131	0.888367	-1.12566	0.676234	1.16685	1.16685	0.000517278	0.136691	-7.31577	0.191845	0.601922	-1.66135	0.637103	0.839801	-1.19076	0.453774	1.32363	1.32363	0.537264	0.79491	-1.258	3.93507	8.41302	1.90041	1
cg14365894	JAKMIP3	6.24E-06	0.975519	0.994919	-1.00511	0.013181	1.66558	1.66558	0.00437209	1.88126	1.88126	0.199767	1.25217	1.25217	7.41E-08	0.0506924	-19.7268	0.65219	0.927446	-1.07823	0.226326	1.23479	1.23479	0.353298	1.17181	1.17181	0.125022	0.759068	-1.3174	45.8318	20.0044	0.387978	1
cg25307077	JAKMIP3	0.00050152	0.100181	1.37201	1.37201	0.221515	0.798009	-1.25312	0.00150879	0.448111	-2.23159	0.920543	0.982633	-1.01767	0.000189243	0.331126	-3.02	0.000797306	0.410939	-2.43345	0.13299	1.32926	1.32926	0.949077	1.01128	1.01128	0.00176912	2.18554	2.18554	14.2785	6.97238	0.434057	1
cg10364109	JAKMIP3	0.000512603	0.844202	0.969925	-1.03101	0.00421945	1.8123	1.8123	0.635127	0.928496	-1.07701	2.22E-05	0.266806	-3.74804	0.00126924	0.482003	-2.07468	0.455482	0.888721	-1.12521	0.151934	0.78803	-1.26899	0.254797	1.20266	1.20266	0.56551	1.09435	1.09435	14.1921	5.41405	0.339095	1
cg09718371	JAKMIP3	0.000718047	0.0681147	0.568346	-1.75949	0.00200427	0.299359	-3.34048	0.118534	0.625827	-1.59789	0.957812	0.985475	-1.01474	0.000180084	0.173151	-5.7753	0.0160411	0.442556	-2.2596	0.000174321	0.171716	-5.82358	0.530832	1.19195	1.19195	0.000667365	0.236855	-4.22199	12.9184	15.6514	1.07694	1
cg25534226	JAKMIP3	0.000827199	0.000191897	0.128688	-7.77074	0.0884051	1.84708	1.84708	0.320805	0.715467	-1.39769	0.0129113	0.365156	-2.73855	0.0399598	0.460718	-2.17052	0.00294731	0.263802	-3.79072	9.69E-05	0.104077	-9.60826	0.104173	0.559977	-1.78579	0.44909	0.77742	-1.28631	12.4147	20.9477	1.49986	1
cg18435928	JAKMIP3	0.00135351	0.0527168	0.575283	-1.73828	0.833556	1.05425	1.05425	0.0223772	0.503063	-1.98782	0.607202	0.877933	-1.13904	0.000316922	0.231203	-4.32519	0.000503244	0.255231	-3.91803	0.00112951	0.300278	-3.33025	0.770588	1.07617	1.07617	0.0975466	1.57844	1.57844	10.7936	10.7752	0.887376	1
cg23141961	JAKMIP3	0.00208734	0.00901682	0.441884	-2.26304	0.000420238	0.252769	-3.95619	0.000892581	0.294076	-3.40048	0.0232213	0.513013	-1.94927	0.00143238	0.321675	-3.10873	0.0158436	0.483359	-2.06885	0.00598473	0.413211	-2.42007	0.502086	0.845707	-1.18244	0.0104023	0.452167	-2.21157	9.52246	9.1267	0.851946	1
cg06342920	JAKMIP3	0.00293789	0.017521	0.546513	-1.82978	0.113241	0.697539	-1.43361	0.684537	1.08911	1.08911	0.927051	0.981045	-1.01932	0.000116053	0.243706	-4.10331	0.00160934	0.388586	-2.57343	0.0358003	0.600223	-1.66605	0.154754	0.727409	-1.37474	0.0260274	0.575773	-1.7368	8.61145	5.95622	0.614812	1
cg15158859	JAKMIP3	0.00335907	0.0182347	0.46831	-2.13534	0.878478	0.960307	-1.04133	0.213806	0.707158	-1.41411	0.0833611	1.66094	1.66094	0.00254669	0.330111	-3.02929	0.511201	0.83829	-1.19291	0.127483	1.54691	1.54691	0.000927645	3.70243	3.70243	0.0569118	0.565322	-1.7689	8.27485	9.18331	0.986476	1
cg18700416	JAKMIP3	0.00348138	0.907988	0.987687	-1.01247	0.147939	0.846771	-1.18096	0.00100936	0.59286	-1.68674	0.0101076	0.706289	-1.41585	0.00110727	0.597439	-1.67381	0.164958	0.85323	-1.17202	0.0185955	1.35765	1.35765	0.0640356	0.800098	-1.24985	0.0546384	0.791685	-1.26313	8.18687	1.48875	0.161641	1
cg14932408	JAKMIP3	0.00398702	0.944145	0.957742	-1.04412	0.0022995	0.0724032	-13.8115	0.00401549	0.0923636	-10.8268	0.0208555	0.180203	-5.54928	0.00170915	0.0633128	-15.7946	0.336452	0.542956	-1.84177	0.00147482	0.059153	-16.9053	0.0607376	0.27176	-3.67971	0.0079436	0.122783	-8.14447	7.86019	47.2724	5.34592	1
cg13586944	JAKMIP3	0.00406977	0.538539	1.20516	1.20516	0.264078	1.41745	1.41745	0.115658	0.598993	-1.66947	0.704852	1.1208	1.1208	0.000818061	0.220546	-4.5342	0.241756	0.692677	-1.44367	0.0002721	0.167266	-5.97849	0.133686	0.615849	-1.62377	0.364631	0.756411	-1.32203	7.81165	11.1109	1.26431	1
cg00401463	JAKMIP3	0.00506754	0.368586	1.23435	1.23435	0.610828	1.12413	1.12413	0.0430757	0.58821	-1.70007	0.278881	1.29264	1.29264	0.000662393	0.304637	-3.2826	0.126749	1.45729	1.45729	0.015717	1.9639	1.9639	0.0384956	1.72737	1.72737	0.0939299	0.657106	-1.52183	7.30859	6.01664	0.731759	1
cg15236448	JAKMIP3	0.00630367	0.0249657	0.618173	-1.61767	0.166169	0.766278	-1.30501	0.313616	1.20672	1.20672	0.499211	1.13165	1.13165	0.665408	1.08161	1.08161	0.00509216	1.94934	1.94934	0.000613695	0.38628	-2.58879	0.966095	0.992366	-1.00769	0.52254	0.889721	-1.12395	6.83404	3.51845	0.457638	1
cg25260564	JAKMIP3	0.00928575	0.528834	0.776048	-1.28858	0.749802	1.13557	1.13557	0.0497593	0.410924	-2.43354	0.661083	0.839197	-1.19162	0.00178545	0.170896	-5.8515	0.669018	0.842915	-1.18636	0.000672481	0.126581	-7.90007	0.0291739	0.360112	-2.77692	0.071616	0.449612	-2.22414	6.05198	15.1352	2.223	1
cg10854092	JAKMIP3	0.00955862	0.11143	0.363302	-2.75253	0.0558432	0.282201	-3.54358	0.011879	0.159801	-6.25779	0.0928415	0.339647	-2.94423	0.00164476	0.0719402	-13.9004	0.0857612	0.32991	-3.03113	0.000898792	0.0549001	-18.2149	0.0392005	0.248211	-4.02883	0.0648106	0.297879	-3.35707	5.99643	32.3872	4.80096	1
cg20095866	JAKMIP3	0.011764	0.112548	0.812089	-1.23139	0.225034	0.857668	-1.16595	0.000222634	0.476842	-2.09713	0.557711	0.931055	-1.07405	0.42113	1.10409	1.10409	0.62472	1.0612	1.0612	0.181334	1.18646	1.18646	0.7494	0.962122	-1.03937	0.874408	0.981122	-1.01924	5.6095	1.28976	0.204378	1
cg01460124	JAKMIP3	0.0120353	0.0135364	1.93659	1.93659	0.417029	1.19647	1.19647	0.0950348	0.672513	-1.48696	0.580118	1.12845	1.12845	0.0156625	0.526914	-1.89784	0.0719483	1.54408	1.54408	0.00918595	2.04493	2.04493	0.0165956	1.88276	1.88276	0.563535	1.13461	1.13461	5.56819	4.12474	0.658461	1
cg17132517	JAKMIP3	0.0144516	0.523738	1.17647	1.17647	0.0553387	0.579096	-1.72683	0.00185892	0.329333	-3.03644	0.532966	1.17213	1.17213	0.283539	0.755617	-1.32342	0.253835	0.74104	-1.34945	0.00571127	2.4881	2.4881	0.634159	0.886411	-1.12815	0.913822	0.973141	-1.0276	5.24479	5.25436	0.890509	1
cg00960857	JAKMIP3	0.0160939	0.457814	0.535386	-1.86781	0.0594929	0.172439	-5.79916	0.0366233	0.134422	-7.43926	0.218219	0.34292	-2.91613	0.019798	0.0977683	-10.2283	0.0843502	0.206432	-4.84422	0.000497177	0.0110754	-90.2905	0.21589	0.340869	-2.93367	0.0295935	0.120448	-8.30231	5.06113	54.7353	9.61319	1
cg22753482	JAKMIP3	0.0190771	0.0162054	0.683146	-1.46382	0.838245	1.02684	1.02684	0.0797276	1.28655	1.28655	0.954224	1.00747	1.00747	0.61238	1.06844	1.06844	0.6615	0.944513	-1.05875	0.00113506	1.85964	1.85964	0.429433	1.11017	1.11017	0.169557	1.20876	1.20876	4.78051	1.27108	0.236345	1
cg09509592	JAKMIP3	0.0191959	0.227771	0.80792	-1.23775	0.00231878	2.04779	2.04779	0.147605	1.2992	1.2992	0.530456	0.898475	-1.113	0.0114147	1.70469	1.70469	0.362393	1.17083	1.17083	0.0179435	1.62341	1.62341	0.226398	1.2386	1.2386	0.0673233	1.41254	1.41254	4.77048	2.14433	0.399556	1
cg20627988	JAKMIP3	0.022246	0.0212212	0.325175	-3.07527	0.0048633	0.219983	-4.5458	0.400455	1.41773	1.41773	0.283246	1.57171	1.57171	0.025649	0.341272	-2.93021	0.21446	0.588582	-1.699	0.150303	0.535073	-1.86891	0.0113943	0.276783	-3.61294	0.365795	0.686022	-1.45768	4.53659	11.818	2.3156	1
cg25553466	JAKMIP3	0.0239712	0.405382	0.634951	-1.57493	0.00928114	0.17183	-5.81971	0.414576	0.640838	-1.56046	0.685858	1.2423	1.2423	0.478227	1.46916	1.46916	0.0201592	0.224204	-4.46023	0.00301182	0.114171	-8.75877	0.0289241	0.253037	-3.95199	0.361291	0.606104	-1.64988	4.42124	19.9339	4.00771	1
cg08321048	JAKMIP3	0.0243529	0.79783	0.949064	-1.05367	0.744564	0.935584	-1.06885	0.00313806	0.439366	-2.27601	0.921062	0.980015	-1.02039	0.149045	0.729681	-1.37046	0.130369	0.716964	-1.39477	0.00602861	2.07653	2.07653	0.816115	0.953666	-1.04859	0.850413	1.0392	1.0392	4.3971	2.88864	0.583949	1
cg10605977	JAKMIP3	0.0272136	0.0948805	0.761135	-1.31383	0.131438	1.274	1.274	0.0637752	0.733534	-1.36326	0.0399377	0.702494	-1.4235	0.0239641	0.669965	-1.49262	0.111054	1.29454	1.29454	0.0295265	0.683115	-1.46388	0.086266	0.754396	-1.32556	0.0792562	0.748466	-1.33607	4.22995	1.48144	0.311312	1
cg27316088	JAKMIP3	0.0277199	0.00594299	0.403605	-2.47767	0.0663118	1.68112	1.68112	0.983316	1.00529	1.00529	0.25881	0.742934	-1.34601	0.0417535	0.553248	-1.80751	0.0136271	0.463152	-2.15912	0.0524915	0.573439	-1.74386	0.234406	0.730244	-1.36941	0.438863	0.819435	-1.22035	4.20263	4.2341	0.895544	1
cg17893426	JAKMIP3	0.0289721	0.116125	1.41446	1.41446	0.835972	1.043	1.043	0.311133	0.808328	-1.23712	0.157874	0.735936	-1.35881	0.102899	0.696062	-1.43665	0.0234204	0.577034	-1.733	0.00424747	2.175	2.175	0.941604	1.01499	1.01499	0.838053	1.04243	1.04243	4.13764	2.70203	0.580477	1
cg05256420	JAKMIP3	0.0298761	0.0279509	0.236535	-4.22771	0.00373144	0.113703	-8.79481	0.173403	0.447485	-2.23471	0.169272	0.443566	-2.25446	0.051526	0.292182	-3.42253	0.111032	0.381454	-2.62155	0.00752455	0.14818	-6.74857	0.0440792	0.276876	-3.61172	0.0471565	0.283393	-3.52867	4.09284	19.9757	4.33835	1
cg23458898	JAKMIP3	0.0374191	0.0932067	0.663141	-1.50797	0.0750334	0.643398	-1.55425	0.809009	0.947561	-1.05534	0.297295	0.786354	-1.27169	0.038425	0.586524	-1.70496	0.00367237	0.417423	-2.39565	0.12258	1.45087	1.45087	0.503888	1.16285	1.16285	0.788223	1.06172	1.06172	3.77432	2.95765	0.696555	1
cg17261303	JAKMIP3	0.039206	0.864219	0.90696	-1.10258	0.00158395	13.2972	13.2972	0.528345	1.43978	1.43978	0.507058	1.46821	1.46821	0.132639	0.396208	-2.52393	0.476823	0.661839	-1.51094	0.148449	0.412976	-2.42145	0.270371	1.92477	1.92477	0.631996	0.759337	-1.31694	3.7104	19.1306	4.58305	1
cg17504591	JAKMIP3	0.041044	0.0472618	0.31452	-3.17945	0.0160377	0.222703	-4.49028	0.29619	1.73662	1.73662	0.473245	0.689561	-1.4502	0.129598	0.434133	-2.30344	0.0361586	0.288952	-3.46079	0.00850944	0.180663	-5.53516	0.0586007	0.336669	-2.97028	0.358895	0.618344	-1.61722	3.64829	15.0026	3.65532	1
cg04440717	JAKMIP3	0.0424411	0.636404	0.695598	-1.43761	0.0760687	0.222084	-4.5028	0.241324	0.392616	-2.54702	0.424781	1.8614	1.8614	0.0086637	0.0780268	-12.8161	0.0314173	0.146031	-6.84787	0.0441691	0.171634	-5.82636	0.691253	0.737646	-1.35566	0.0118477	0.0911728	-10.9682	3.60333	33.1594	8.17994	1
cg09845944	JAKMIP3	0.0430917	0.533975	1.15564	1.15564	0.00862134	0.463381	-2.15805	0.00925724	0.468385	-2.13499	0.491843	0.851862	-1.1739	0.0169735	0.512425	-1.95151	0.0795848	0.639644	-1.56337	0.174627	0.71778	-1.39318	0.149645	0.701342	-1.42584	0.385099	0.815057	-1.22691	3.58301	2.99281	0.74247	1
cg19510384	JAKMIP3	0.0462782	0.16098	0.513229	-1.94845	0.00625392	0.204467	-4.89076	0.0220973	0.294446	-3.39621	0.55791	0.767975	-1.30213	0.113859	0.464714	-2.15186	0.0544032	0.378182	-2.64423	0.0133486	0.255259	-3.91759	0.0924707	0.438271	-2.28169	0.838032	0.91285	-1.09547	3.48868	10.9662	2.79411	1
cg00851761	JAKMIP3	0.0470161	0.338597	1.24367	1.24367	0.0148415	0.515531	-1.93975	0.342307	0.805494	-1.24147	0.733719	1.07841	1.07841	0.402502	0.827449	-1.20853	0.174812	0.726838	-1.37582	0.0130996	1.97441	1.97441	0.281524	0.780807	-1.28073	0.108219	0.678815	-1.47316	3.46797	2.68436	0.688039	1
cg03371700	JAKMIP3	0.0487081	0.374362	0.815262	-1.2266	0.551508	0.873758	-1.14448	0.947396	1.01489	1.01489	0.110205	0.677091	-1.47691	0.00194618	0.374697	-2.66882	0.0993663	0.667231	-1.49873	0.38285	1.22196	1.22196	0.682542	1.09649	1.09649	0.072681	0.63856	-1.56602	3.42196	2.71929	0.706363	1
cg10376067	JAM2	0.00321103	0.0439595	0.427101	-2.34137	0.178665	0.591513	-1.69058	0.0502733	0.440382	-2.27076	0.946143	0.97548	-1.02514	5.36E-05	0.0627093	-15.9466	0.499107	0.777134	-1.28678	0.00891645	0.294422	-3.39649	0.791175	1.10244	1.10244	0.0888709	0.501763	-1.99297	8.38685	17.9381	1.90119	1
cg16532755	JAM2	0.0216279	0.554098	0.772837	-1.29393	0.212312	0.567986	-1.76061	0.747592	0.870201	-1.14916	0.846654	0.920014	-1.08694	0.000407242	0.0890398	-11.2309	0.786713	0.889781	-1.12387	0.521887	0.75616	-1.32247	0.450802	0.718324	-1.39213	0.0147686	0.274772	-3.63938	4.58065	13.4503	2.61007	1
cg26412722	JAM2	0.0331456	0.0488394	1.29625	1.29625	0.0536911	0.776707	-1.28749	0.626068	0.944935	-1.05827	0.00809453	1.47864	1.47864	0.577506	0.937157	-1.06706	0.264638	1.14351	1.14351	0.0555732	0.778627	-1.28431	0.1838	1.17661	1.17661	0.574339	0.93664	-1.06765	3.94381	0.830942	0.187285	1
cg10466421	JAM2	0.0344749	0.103565	0.567325	-1.76266	0.0231048	0.421094	-2.37477	0.579795	0.836882	-1.19491	0.439761	1.28516	1.28516	0.0350369	0.457489	-2.18585	0.224843	0.666364	-1.50068	0.00240533	0.260223	-3.84286	0.0547297	0.499687	-2.00125	0.318739	0.72029	-1.38833	3.88832	6.24314	1.42721	1
cg24899571	JAM3	0.000361634	0.038354	0.709756	-1.40894	0.00826971	0.61728	-1.62001	0.0562733	1.36181	1.36181	0.153758	1.2438	1.2438	0.00257428	1.81674	1.81674	0.195056	1.21629	1.21629	9.34E-05	0.369541	-2.70606	0.000399597	0.447182	-2.23622	0.721774	0.950202	-1.05241	15.6281	5.05164	0.287325	1
cg24625128	JAM3	0.000426925	0.471535	0.954159	-1.04804	0.029825	1.17798	1.17798	0.000415885	1.43156	1.43156	0.658357	1.02892	1.02892	0.278171	0.930297	-1.07493	0.00425182	0.782599	-1.27779	4.28E-05	0.607635	-1.64572	0.578653	0.964694	-1.0366	0.886002	0.990851	-1.00923	14.9294	0.97068	0.0577939	1
cg03304528	JAM3	0.00231557	0.731286	1.19983	1.19983	0.0253655	4.07367	4.07367	0.0749691	2.85192	2.85192	0.683082	1.24225	1.24225	6.61E-05	0.020916	-47.8102	0.107429	0.395132	-2.5308	0.297212	1.77026	1.77026	0.541126	1.38671	1.38671	0.361431	1.64177	1.64177	9.2377	40.8594	3.93166	1
cg06726804	JAM3	0.00389544	0.584499	0.839748	-1.19083	0.680771	0.877358	-1.13979	0.33728	0.731329	-1.36737	0.437399	1.28474	1.28474	0.000825806	0.203306	-4.9187	0.0996354	0.565084	-1.76965	0.000433552	0.172069	-5.81164	0.121075	1.70179	1.70179	0.194831	1.54301	1.54301	7.91539	12.5407	1.4083	1
cg14956284	JAM3	0.0043534	0.0037996	0.292881	-3.41436	0.00347349	0.28716	-3.48238	0.0141854	0.386033	-2.59045	0.106622	0.57454	-1.74052	0.000696929	0.196513	-5.08873	0.335064	0.73147	-1.36711	0.0515571	0.498048	-2.00784	0.683093	1.13782	1.13782	0.00341338	0.286055	-3.49583	7.65418	11.9946	1.39294	1
cg00298475	JAM3	0.00498633	0.00635238	0.448664	-2.22884	0.933586	0.981372	-1.01898	0.0213945	0.535925	-1.86593	0.021574	0.536562	-1.86372	0.000318215	0.268428	-3.72539	0.0669165	0.629152	-1.58944	0.0917531	0.657802	-1.52021	0.1019	1.49771	1.49771	0.703475	0.917339	-1.09011	7.34473	5.92074	0.716552	1
cg11723066	JAM3	0.00669541	0.0265504	0.216294	-4.62333	0.00560059	0.120234	-8.31714	0.00923583	0.145989	-6.84982	0.195934	0.450942	-2.21758	0.0282797	0.221325	-4.51823	0.0415854	0.254553	-3.92845	0.000676667	0.048504	-20.6169	0.00365752	0.101373	-9.86455	0.080391	0.32321	-3.09396	6.70738	36.0268	4.77442	1
cg06038247	JAM3	0.00796045	0.0335225	0.65804	-1.51966	0.14975	1.29722	1.29722	0.206328	1.25183	1.25183	0.864971	0.971728	-1.02909	0.000460347	0.394917	-2.53218	0.167402	0.780375	-1.28143	0.0588096	0.697933	-1.4328	0.953945	1.00978	1.00978	0.0166249	0.610911	-1.6369	6.35405	2.85736	0.399726	1
cg02174225	JAM3	0.0153509	0.276175	0.830297	-1.20439	0.122681	1.31602	1.31602	0.130401	1.3076	1.3076	0.0934793	0.738684	-1.35376	0.0366833	0.671298	-1.48965	0.050236	0.693174	-1.44264	0.00398855	0.52972	-1.88779	0.987971	0.997528	-1.00248	0.0483585	1.44825	1.44825	5.14119	2.19483	0.379476	1
cg08332071	JAM3	0.019058	0.0175002	0.258777	-3.86433	0.0187535	0.264139	-3.78588	0.0167737	0.255536	-3.91334	0.132391	0.468121	-2.1362	0.0180159	0.261017	-3.83117	0.0722381	0.391496	-2.55431	0.003226	0.152832	-6.54315	0.0131005	0.237324	-4.21364	0.212836	0.541565	-1.8465	4.78213	16.5482	3.07593	1
cg04691233	JAM3	0.0306758	0.0284904	0.425065	-2.35258	0.559222	1.21585	1.21585	0.0328261	0.437685	-2.28475	0.0626398	0.499901	-2.0004	0.0197416	0.393842	-2.53909	0.711209	1.13097	1.13097	0.00395765	0.277313	-3.60603	0.942012	0.976212	-1.02437	0.384026	0.744236	-1.34366	4.05459	7.03329	1.54191	1
cg19484995	JAM3	0.0391693	0.965567	1.01538	1.01538	0.838041	0.930201	-1.07504	0.284847	1.48103	1.48103	0.00527267	3.67086	3.67086	0.569492	1.22535	1.22535	0.00438139	3.83911	3.83911	0.193934	1.62563	1.62563	0.0308506	2.45055	2.45055	0.691564	1.15139	1.15139	3.71168	7.34698	1.75949	1
cg22296612	JARID2	0.000203531	0.000265715	0.264382	-3.78241	0.000113514	0.221865	-4.50725	0.00408985	0.424868	-2.35367	0.00217934	0.384717	-2.59931	0.00641449	0.454834	-2.1986	6.18E-05	0.193765	-5.16089	0.0413458	0.592865	-1.68672	8.78E-05	0.209772	-4.76708	0.00406665	0.424496	-2.35573	18.2842	14.2937	0.694892	1
cg17079858	JARID2	0.00037478	0.0172589	1.24077	1.24077	0.904042	1.00901	1.00901	0.357083	1.07298	1.07298	0.581919	1.04222	1.04222	0.947079	1.00495	1.00495	0.924819	0.993005	-1.00704	6.77E-06	0.475684	-2.10223	0.593059	1.04093	1.04093	0.0180462	1.23816	1.23816	15.4754	1.35567	0.077868	1
cg04097131	JARID2	0.00048229	0.0536596	1.37261	1.37261	2.29E-05	0.293849	-3.40311	0.0449355	0.717028	-1.39464	0.634172	0.933055	-1.07175	0.742278	0.953423	-1.04885	0.349037	0.869929	-1.14952	0.00279534	1.814	1.814	0.0210126	1.49372	1.49372	0.0865396	0.760595	-1.31476	14.4341	4.77594	0.294114	1
cg24192845	JARID2	0.000660318	0.533055	0.901587	-1.10916	0.111993	1.32841	1.32841	0.0582128	1.42085	1.42085	0.0254831	1.54595	1.54595	2.50E-05	0.253013	-3.95237	0.0774453	1.37999	1.37999	0.0732456	1.38789	1.38789	0.117549	0.756592	-1.32172	0.0486556	0.691059	-1.44705	13.2253	5.63984	0.379061	1
cg22570970	JARID2	0.00357577	0.00500942	2.81992	2.81992	0.000623019	4.34688	4.34688	0.000536647	4.49815	4.49815	0.0126968	2.37431	2.37431	0.589781	1.16412	1.16412	0.174872	1.49609	1.49609	0.023033	2.13598	2.13598	0.218171	1.43567	1.43567	0.0136373	2.34402	2.34402	8.12155	10.0258	1.0973	1
cg27226107	JARID2	0.00411295	0.0019088	0.40475	-2.47066	0.00295124	2.31562	2.31562	0.0783454	1.49527	1.49527	0.0409835	0.615569	-1.62451	0.0270987	1.713	1.713	0.100063	1.44875	1.44875	0.20963	1.31262	1.31262	0.323882	0.810907	-1.23319	0.123465	1.40953	1.40953	7.78681	5.21937	0.595808	1
cg12230983	JARID2	0.00433197	0.00118599	0.213928	-4.67446	0.0335265	0.446842	-2.23793	0.0213841	0.407831	-2.452	0.00181891	0.237487	-4.21077	0.296957	0.704163	-1.42013	0.002335	0.251984	-3.9685	0.002667	0.259929	-3.8472	0.0360701	0.45349	-2.20512	0.037282	0.456524	-2.19047	7.66563	12.7734	1.48117	1
cg14058851	JARID2	0.00447247	0.00111353	0.3882	-2.57599	0.33159	1.21818	1.21818	0.0778626	0.679743	-1.47114	0.684557	1.0838	1.0838	0.000983114	0.380875	-2.62554	0.85089	1.03777	1.03777	0.00409359	0.468164	-2.13601	0.124738	0.720768	-1.38741	0.0334396	0.612868	-1.63167	7.59184	4.66711	0.546447	1
cg08757670	JARID2	0.00554079	0.000714182	0.417672	-2.39422	0.381726	1.16416	1.16416	0.605941	1.09217	1.09217	0.334529	1.18369	1.18369	0.0386653	0.666476	-1.50043	0.0059708	0.543902	-1.83857	0.0498117	1.46096	1.46096	0.235858	1.23427	1.23427	0.111701	0.745641	-1.34113	7.1114	3.23333	0.40415	1
cg25971741	JARID2	0.0067153	0.129842	1.19618	1.19618	0.0865937	0.812238	-1.23117	0.00722639	0.676525	-1.47814	0.0379981	0.766155	-1.30522	0.712183	0.960683	-1.04093	0.00135055	1.70863	1.70863	0.341247	1.11246	1.11246	0.0492538	0.780446	-1.28132	0.169182	0.852144	-1.17351	7.70691	1.39819	0.141105	1
cg16248435	JARID2	0.0067241	0.00351675	0.476104	-2.10038	0.141024	1.34561	1.34561	0.316353	0.823466	-1.21438	0.000717891	0.380841	-2.62577	0.964282	1.00843	1.00843	0.0903424	0.704736	-1.41897	0.015808	0.574426	-1.74087	0.730907	0.937319	-1.06687	0.019211	0.587925	-1.7009	6.69847	3.72973	0.494937	1
cg13189271	JARID2	0.00708464	0.00117823	2.14884	2.14884	0.0704048	0.72251	-1.38406	0.0606002	1.40499	1.40499	0.348038	1.16799	1.16799	0.00494977	0.549839	-1.81871	0.129332	0.768438	-1.30134	0.598515	0.918148	-1.08915	0.283316	0.835971	-1.19621	0.827768	0.965587	-1.03564	6.59036	2.69621	0.363657	1
cg23567726	JARID2	0.00864215	0.981412	0.997205	-1.0028	0.841141	0.976175	-1.02441	0.756539	1.03807	1.03807	0.593372	1.0669	1.0669	0.467927	0.91508	-1.0928	0.061603	1.28786	1.28786	0.00016093	2.16926	2.16926	0.984345	0.997645	-1.00236	0.127393	0.820303	-1.21906	6.19146	1.41578	0.203259	1
cg24903767	JARID2	0.00958503	0.282417	0.766205	-1.30513	0.0304733	0.545366	-1.83363	0.00224105	0.360502	-2.77391	0.0186701	0.506767	-1.97329	0.825244	1.05414	1.05414	0.00193446	0.35138	-2.84592	0.336756	1.26634	1.26634	0.0516777	0.589788	-1.69552	0.711007	1.09278	1.09278	5.99115	5.39361	0.800233	1
cg09524334	JARID2	0.00962511	0.0511963	0.776669	-1.28755	0.0887471	1.23826	1.23826	0.550888	1.0711	1.0711	0.0139631	0.707801	-1.41283	0.162284	0.843809	-1.1851	0.088031	1.23898	1.23898	0.00232409	1.62271	1.62271	0.153365	0.840277	-1.19008	0.267694	0.876844	-1.14045	5.98319	1.22778	0.182405	1
cg21641008	JARID2	0.010545	0.00844974	0.383895	-2.60488	0.0045692	0.341248	-2.93042	0.526649	0.833064	-1.20039	0.103537	0.602366	-1.66012	0.0081528	0.381322	-2.62245	0.67307	0.886188	-1.12843	0.542907	0.839172	-1.19165	0.0116045	0.407237	-2.45557	0.00211267	0.292125	-3.42319	5.81094	7.45996	1.14114	1
cg12582616	JARID2	0.0130406	0.00417604	0.139308	-7.17833	0.0174987	0.226479	-4.41543	0.0868304	0.378644	-2.641	0.231607	0.525031	-1.90465	0.00388225	0.135736	-7.36725	0.066648	0.347837	-2.87491	0.00576207	0.155977	-6.41122	0.82935	1.11722	1.11722	0.0243312	0.252023	-3.96789	5.42462	22.6557	3.71242	1
cg24409962	JARID2	0.0144704	0.0113028	0.33226	-3.00969	0.229302	0.645239	-1.54981	0.0682479	0.492089	-2.03215	0.696889	0.872883	-1.14563	0.00722876	0.300042	-3.33286	0.234711	0.648818	-1.54126	0.0173689	0.365652	-2.73484	0.00101938	0.184178	-5.42954	0.127346	0.56404	-1.77292	5.24255	10.0156	1.69818	1
cg18961234	JARID2	0.0151521	0.221704	1.43969	1.43969	0.566721	1.17857	1.17857	0.768342	0.919611	-1.08742	0.00241741	0.301614	-3.31549	0.967639	0.988555	-1.01158	0.170798	0.661123	-1.51258	0.21164	1.45259	1.45259	0.0874728	1.70792	1.70792	0.00677534	2.70665	2.70665	5.16343	6.58332	1.13332	1
cg15046123	JARID2	0.0171785	0.0546673	0.602525	-1.65968	0.00760343	2.22074	2.22074	0.240603	1.33051	1.33051	0.0522289	0.598569	-1.67065	0.0435517	0.583077	-1.71504	0.393487	0.81614	-1.22528	0.614574	1.12526	1.12526	0.601669	1.13023	1.13023	0.0131738	0.48949	-2.04294	4.95215	4.23733	0.760582	1
cg05197191	JARID2	0.0191495	0.043954	0.483719	-2.06731	0.159306	1.60293	1.60293	0.263426	1.44156	1.44156	0.119613	0.58874	-1.69854	0.00452638	0.305235	-3.27617	0.219993	0.66726	-1.49867	0.00581438	0.322019	-3.1054	0.28762	0.707268	-1.41389	0.539986	1.21486	1.21486	4.77439	7.44131	1.38541	1
cg26373134	JARID2	0.0213311	0.109564	0.862783	-1.15904	0.844434	1.01676	1.01676	0.211481	0.894612	-1.1178	0.894579	0.988846	-1.01128	0.0940905	1.16851	1.16851	0.206998	0.893521	-1.11917	0.000829954	1.53078	1.53078	0.927026	0.99228	-1.00778	0.716132	1.03138	1.03138	4.60236	0.521707	0.100761	1
cg05985988	JARID2	0.0253497	0.0208093	0.471674	-2.12011	0.0232426	2.0806	2.0806	0.607239	0.869328	-1.15031	0.973023	1.00918	1.00918	0.0098383	0.414266	-2.41391	0.391849	0.789039	-1.26736	0.784923	1.07668	1.07668	0.0326689	1.96427	1.96427	0.657922	0.886604	-1.1279	4.33621	5.00973	1.02696	1
cg01875052	JARID2	0.0296683	0.0108707	0.184781	-5.4118	0.00631288	0.152875	-6.54129	0.103771	0.39087	-2.5584	0.530719	0.715096	-1.39841	0.0157472	0.209594	-4.77113	0.135577	0.427675	-2.33822	0.0296329	0.258707	-3.86538	0.017484	0.217098	-4.60621	0.147655	0.440299	-2.27119	4.10299	18.1194	3.92546	1
cg20605134	JARID2	0.0317949	0.174862	1.39109	1.39109	0.147295	0.700673	-1.4272	0.0166363	1.95209	1.95209	0.208501	1.35432	1.35432	0.195397	0.731066	-1.36786	0.4406	0.835353	-1.1971	0.0143388	0.501269	-1.99494	0.113927	0.67476	-1.48201	0.176753	0.720027	-1.38884	4.00308	3.31749	0.736653	1
cg06764152	JARID2	0.0337399	0.0903794	0.530603	-1.88465	0.00303186	0.251655	-3.9737	0.0116439	0.342705	-2.91796	0.715255	1.1325	1.1325	0.160536	0.60103	-1.66381	0.0609296	0.488038	-2.04902	0.756857	1.11124	1.11124	0.785756	1.09695	1.09695	0.740512	1.11949	1.11949	3.91867	7.15842	1.62378	1
cg13027183	JARID2	0.0354698	0.699255	1.11531	1.11531	0.0383997	0.509437	-1.96295	0.614978	0.867119	-1.15324	0.467044	1.23129	1.23129	0.020315	0.45545	-2.19563	0.132804	0.633844	-1.57768	0.00575274	0.361488	-2.76634	0.0195077	0.45218	-2.21151	0.178309	0.66894	-1.4949	3.8485	4.81741	1.11268	1
cg07887224	JARID2	0.0382935	0.00342687	0.180924	-5.52717	0.0794936	0.433025	-2.30933	0.0713396	0.420623	-2.37742	0.443165	0.714483	-1.39961	0.0171425	0.286749	-3.48738	0.0544749	0.391346	-2.55529	0.267745	0.608711	-1.64282	0.0354232	0.348843	-2.86662	0.0458972	0.373847	-2.67489	3.74258	10.9592	2.60288	1
cg22684570	JARID2	0.0392221	0.450791	0.869832	-1.14978	0.864865	1.03142	1.03142	0.351399	1.19031	1.19031	0.0566998	0.675835	-1.47965	0.00262389	0.625644	-1.59835	0.00388865	0.49353	-2.02622	0.117368	0.734216	-1.362	0.487251	1.13679	1.13679	0.391449	1.17292	1.17292	3.70984	1.93867	0.464512	1
cg00244352	JARID2	0.0457932	0.0487633	0.577297	-1.73221	0.0169347	2.03613	2.03613	0.278522	0.759529	-1.31661	0.138413	0.677457	-1.47611	0.118231	0.660965	-1.51294	0.256389	0.748868	-1.33535	0.0503717	1.72371	1.72371	0.399705	0.81022	-1.23423	0.680231	0.903783	-1.10646	3.50251	3.30557	0.838908	1
cg20284834	JARID2	0.048733	0.547329	0.941261	-1.0624	0.293283	0.897292	-1.11446	0.0122408	0.733275	-1.36374	0.398832	1.08966	1.08966	0.0142188	0.740336	-1.35074	0.386423	1.09227	1.09227	0.227576	1.13418	1.13418	0.559164	0.942976	-1.06047	0.118645	1.1834	1.1834	3.42129	0.535444	0.139114	1
cg04979876	JAZF1	6.71E-06	3.62E-06	0.416141	-2.40303	1.93E-05	2.01441	2.01441	0.659775	0.964858	-1.03642	0.664618	1.03585	1.03585	2.61E-05	0.505865	-1.97681	0.44224	1.06532	1.06532	0.00713086	1.32397	1.32397	0.69968	1.0318	1.0318	1.79E-05	0.492635	-2.0299	44.9857	4.64604	0.0918029	1
cg15233203	JAZF1	1.62E-05	8.82E-07	0.348842	-2.86663	0.468879	1.06122	1.06122	0.000170263	0.597243	-1.67436	0.969094	1.00313	1.00313	0.0750571	0.792165	-1.26236	0.00170349	0.696764	-1.43521	4.3E-06	0.421847	-2.37053	0.088838	0.855957	-1.16339	0.383145	0.930425	-1.07478	35.815	3.68812	0.091535	1
cg25941154	JAZF1	0.00266282	0.0025604	0.236658	-4.2255	0.0499285	0.462863	-2.16046	0.00435811	0.269221	-3.71442	0.0756919	0.569013	-1.75744	0.00175406	0.215191	-4.64703	0.0224555	0.389839	-2.56516	0.000045511	0.147247	-6.79131	0.349666	1.3933	1.3933	0.0303659	0.416082	-2.40337	8.86562	16.6657	1.67095	1
cg04493169	JAZF1	0.00462989	0.304173	0.719544	-1.38977	0.000618173	0.195952	-5.1033	0.60396	1.17569	1.17569	0.640063	0.864449	-1.15681	0.00669062	0.336884	-2.96838	0.0293281	0.452064	-2.21208	0.00978803	0.364147	-2.74614	0.00133459	0.236316	-4.23162	0.699304	0.886879	-1.12755	7.51252	11.3819	1.34672	1
cg07714266	JAZF1	0.0048853	0.279862	0.792176	-1.26235	0.000469188	0.319776	-3.12719	0.000822021	0.35159	-2.84422	0.790977	1.05663	1.05663	0.173404	0.740524	-1.3504	0.395193	0.834781	-1.19792	0.208028	1.31691	1.31691	0.591989	1.11873	1.11873	0.0407408	0.612695	-1.63213	7.39074	5.03415	0.60546	1
cg12988813	JAZF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04573653	JAZF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25624497	JAZF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26438325	JAZF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06042259	JAZF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21679509	JAZF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02963803	JAZF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. 047 vs. N)	Fold-Change(105 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	f(Error
cg15027237	JAZF1	0.01562655	0.02562622	0.695533	-1.48033	0.124614	2.27887	1.27887	0.00271703	1.84516	1.84516	0.366836	0.8718337	-1.14	0.209942	0.8224444	0.21589	0.657198	1.06831	1.06831	0.031587	0.692637	-1.44376	0.496104	0.902812	-1.10765	0.140614	1.26427	5.11105	1.77173	0.30813	
cg22938901	JAZF1	0.0180112	0.242161	0.798505	-1.25234	0.725474	0.93725	-1.06695	0.0085947	0.54007	-1.85161	0.017292	1.70401	1.70401	0.145218	1.26865	1.26865	0.10143	1.39048	1.39048	0.00883363	1.84548	1.84548	0.88946	1.0258	1.0258	0.41508	0.868365	-1.15159	4.87411	2.60827	0.475669	1
cg26179948	JAZF1	0.0195056	0.180349	0.592384	-1.81691	0.00704507	4.31498	4.31498	0.595281	1.25237	1.25237	0.0742318	0.433883	-2.30477	0.27643	0.621769	-1.60831	0.260414	0.610963	-1.63676	0.124848	0.497891	-2.00847	0.00763168	0.236985	-4.21967	0.0489376	0.389164	-2.56961	4.74469	13.2396	2.48035	1
cg20704553	JAZF1	0.0201673	0.0233603	0.276873	-3.6117	0.00395072	0.1586	-6.3576	0.254666	0.56908	-1.75726	0.0753788	0.391265	-2.55581	0.0434563	0.332637	-3.00628	0.146409	0.47762	-2.09357	0.00157998	0.116425	-8.58918	0.27605	0.0384661	-1.71098	0.143915	0.473078	-2.11381	4.69126	16.6933	3.163	1
cg22377814	JAZF1	0.0247016	0.073588	0.437916	-2.28354	0.0962538	0.469509	-2.12989	0.0279017	0.341122	-2.9315	0.395533	0.697535	-1.44362	0.0009655	0.168668	0.131291	-7.61666	0.170543	0.546533	-1.82972	0.0155584	0.292828	-3.41497	0.665962	0.835443	-1.19697	0.125455	0.503344	-1.98671	4.37546	11.8752	2.41248	1
cg05325934	JAZF1	0.0288473	0.0226404	0.486511	-2.05545	0.239184	1.3846	1.3846	0.353838	1.28639	1.28639	0.035455	0.523906	-1.90874	0.0712281	0.58745	-1.70227	0.489065	0.830662	-1.20386	0.00921607	0.417832	-2.39331	0.0173901	0.465502	-2.14799	0.297422	0.751881	4.33	4.14396	4.57419	0.881176	1
cg27102995	JAZF1	0.0354127	0.134448	0.361669	-2.76496	0.388829	0.573197	-1.7446	0.283161	0.495247	-2.01919	0.817438	1.15686	1.15686	0.480429	0.636358	-1.57144	0.72999	1.244	1.244	0.0155093	0.153991	-6.49387	0.0013676	0.0535322	-18.6804	0.0101885	0.323574	-3.09048	3.85075	24.2179	5.59036	1
cg22715523	JAZF1	0.0392863	0.0221541	0.587264	-1.70281	0.0347199	1.61316	1.61316	0.0617865	1.50516	-1.50516	0.0649441	0.668398	-1.49422	0.0894253	0.659933	-1.44108	0.604697	1.03256	1.03256	0.1800438	1.22557	1.22557	0.625871	1.10023	1.10023	0.3003152	1.2321	1.2321	3.70754	2.21871	0.519199	1
cg27639569	JAZF1	0.0427407	0.185746	1.23915	1.23615	0.270574	0.840864	-1.18925	0.9955027	0.999127	-1.02068	0.0143512	0.57789	1.57789	0.436835	0.8870553	-1.12733	0.452197	0.890722	-1.12268	0.0354301	1.8171	1.8171	0.198279	1.00355	1.00355	0.654534	1.07042	1.07042	4.59393	1.29949	0.321403	1
cg25861660	JAZF1	0.0431877	0.0486828	0.231063	-4.32782	0.865906	0.895864	-1.11624	0.521718	1.52583	1.52583	0.115501	0.328468	-3.04444	0.111575	0.323805	-3.08828	0.11647	0.329606	-3.03393	0.00617507	0.0978911	-10.2154	0.354896	1.85753	1.85753	0.0214956	0.16579	-6.03172	3.58004	24.0047	5.96014	1
cg02030481	JAZF1	0.0434727	0.0343172	0.338455	-2.9544	0.115941	1.47654	1.47654	0.0908326	1.3497	-1.35129	0.0505643	0.4107	-2.43511	0.0155299	0.3833	-2.60917	0.184317	0.53706	-1.86199	0.0112781	0.24876	-4.01994	0.193103	0.546769	-1.82893	0.238502	0.582001	-1.71803	3.46094	10.5324	2.70509	1
cg05157912	JAZF1	0.0237732	0.042828	0.921317	-1.0854	0.353949	0.907879	-1.10147	0.8275866	1.02259	1.02259	0.510558	0.900078	-1.11102	0.521814	1.068	1.068	0.668038	1.04469	1.04469	0.96	1.04469	1.04469	0.964109	-1.03723	0.0246542	0.762513	-3.11145	7.9917	1.29974	0.144566	1
cg02921209	JAZF1	0.0242852	0.167585	1.19758	1.19758	0.184045	1.1886	1.1886	0.0978837	1.86027	1.8602	0.765811	0.954562	-1.04759	0.930437	0.888728	-1.13414	0.847005	0.916136	-1.09161	0.662	0.916136	-1.09161	0.662	0.958118	-1.08938	0.320159	1.13422	1.13422	7.71108	1.81586	0.211628	1
cg23138679	JAZF1	0.0373673	0.0372783	0.210942	-4.74063	0.854592	1.12535	1.12535	0.2402961	0.35979	2.91579	0.810916	0.857027	1.16682	?	?	?	0.45996	0.616136	-1.62302	0.0290796	5.23736	5.23736	0.000438821	0.028009	-35.7028	0.450085	1.64118	1.64118	6.65363	38.8149	5.83363	1
cg10444281	JAZF1	0.0373635	0.00736365	0.13089	0.718286	-1.3922	0.3697784	1.63463	0.0239201	1.727339	1.72739	0.802884	0.951407	-1.05107	0.1005142	0.3639911	-2.70716	0.13002	0.717663	-1.39341	0.0010891	0.3716553	-2.69068	0.0378048	0.613469	-1.63007	0.119903	0.710162	-1.40813	5.0312	4.24361	0.579316	1
ch.14.112476802	JAZF1	0.0393588	0.0086792	0.92095	-1.08827	0.0016508	0.996376	-2.52285	0.0265516	0.5445	-1.83547	0.0648027	0.260818	-3.83452	0.0015645	0.171661	-5.82745	0.049217	0.606754	-1.64837	0.0003782	0.680502	-1.46937	0.0047502	0.297434	-3.36225	0.0042559	0.359485	-2.78053	0.988363	-1.01177	0.185852	1.33407	1.33402	0.12297	0.594271	1
cg24677302	JAZF1	0.0394767	0.0390991	0.502626	-1.98955	0.0247123	2.16063	2.16063	0.0614995	1.83465	1.83465	0.943144	1.02076	1.02076	0.00286495	0.306678	-3.26075	0.352918	1.31703	1.31703	0.853767	0.948233	-1.05459	0.0734796	1.77699	1.77699	0.0273195	0.471285	-2.12186	6.01289	7.9039	1.16844	1
cg15513708	JAZF1	0.0395398	0.0176542	0.685098	0.607036	-1.64504	0.2107534	2.21207	0.2129	0.355829	1.25268	1.25268	0.827921	1.05345	1.0054	0.00792127	0.297396	-3.36252	0.488121	0.844949	-1.1835	0.493954	1.18076	0.736237	1.24923	1.09423	0.8928	0.8928	0.998265	-1.03278	4.96322	4.49744	0.805471	1
cg09929567	JAZF1	0.0465818	0.239444	1.50116	-1.53819	0.0352975	3.57691	1.57691	0.111906	1.83147	0.604827	0.0018	0.0025	-1.83147	0.604827	0.0018	0.0025	0.153992	0.618509	-1.61679	0.637068	1.88072	1.88072	0.0062328	1.19931	1.19931	0.612305	1.18354	1.18354	5.48201	6.73448	1.72012	1
cg20972553	JAZF1	0.0489641	0.762926	0.96059	-1.04103	0.445344	1.10894	1.10894	0.0299742	0.712226	-1.40405	0.0415744	1.36655	1.36655	0.25659	1.17044	1.17044	0.731974	0.955334	-1.04675	0.000337947	2.15512	2.15512	0.0999162	1.27076	1.27076	0.888675	1.01879	1.01879	6.12013	1.71224	0.248685	1
cg26800802	JAZF1	0.0074447	0.0512242	0.16315	-1.79743	0.0153046	0.23713	-4.21543	0.0016836	0.399351	-2.50438	0.0156893	0.53138	-1.88204	0.0039738	0.41072	-2.43511	0.159025	0.67816	-1.4758	0.0683012	0.588161	-1.69544	0.0539703	0.848229	-1.17881	0.025391	0.502951	-1.98827	4.48001	6.87525	0.941797	1
cg08657377	JHDM1D	0.0174981	0.305059	0.751518	-1.32995	0.223134	1.36799	-1.36799	0.427877	0.821306	-1.21757	0.00783037	0.42176	-2.37102	0.0133296	0.675464	-1.48046	0.014918	0.471518	-2.12081	0.0720068	0.64269	1.64269	0.101931	1.55437	0.153437	0.0434329	0.78222	1.78222	5.03453	0.731662	1
cg16951215	JHDM1D	0.0405421	0.0405422	0.165642	-6.03974	0.0159323	0.3564	-2.80607	0.0023887	0.336696	-2.97178	0.16357	0.06157	-16.2377	0.0302136	0.634863	-1.57567	0.059455	0.239294	-4.17955	0.0010966	0.555047	-1.80165	0.0096052	0.999304	-1.00078	0.0077372	0.387587	-2.58419	4.6854	6.34871	0.73571	1
cg17711535	JHDM1D;LOC100134229	0.0299956	0.00165073	0.6609	3.6609	0.285861	0.726628	-1.37622	0.493214	0.818332	-1.222	0.437262	0.795878	-1.25647	0.128126	1.60623	1.60623	0.113648	1.64203	1.64203	0.321934	0.744677	-1.34286	0.448646	0.800545	-1.24915	0.134839	1.59114	1.59114	4.08705	3.37303	1.16858	1
cg09321620	JKAMP;JKAMP	0.000166075	0.822525	0.975198	-1.02543	8.07E-06	0.335901	-2.97707	0.0259224	0.744088	-1.34393	0.0112436	0.701147	-1.42623	0.274	0.419196	-2.38552	0.001003	0.573993	-1.72594	0.008469	0.68677	-1.45609	0.615269	0.944926	-1.05828	0.192584	0.857127	-1.16669	19.3189	3.823844	0.175594	1
cg19495650	JMJD1C	0.000615624	0.000629	0.0001	-9.9995	0.0174348	0.458793	-2.17963	0.0008183	0.404256	-2.47217	0.0008324	0.505295	-1.97954	0.0003782	0.452355	-2.21102	0.000178	0.508324	-1.96705	0.0025	0.414234	-7.08045	0.00054649	0.233547	-4.28153	0.0026217	0.458605	-2.18053	14.4968	15.4794	1.02022	1
cg21553264	JMJD1C	0.000782163	0.000991553	0.210996	-4.73944	0.866193	0.951749	-1.0507	0.487308	0.813059	-1.22992	0.710724	0.896508	-1.11544	0.014626	0.414109	-2.41482	0.008008	0.369163	-2.70883	0.556	0.610929	-1.63705	0.0479	0.779356	-1.28317	0.0178	0.3125	0.465098	-2.15008	12.6118	17.1774	1.21067	1
cg17983571	JMJD1C	0.014404	0.60824	1.1087	1.1087	0.0198316	0.768816	-1.76684	0.7970584	0.954022	-1.04845	0.0154445	0.165351	1.64168	1.64168	0.0109535	1.64168	0.124978	1.1934	1.1934	0.0015247	0.207557	0.0513892	19.4731	0.773556	1.29293	0.1717	0.837539	1.83985	1.07716	0.123768	3.29923	0.561092	1
cg08743896	JMJD1C	0.0166541	0.865202	0.945298	-1.05787	0.0492419	0.745204	-2.10259	0.00773432	0.322142	-3.10423	0.1206871	1.74589	1.74589	0.590235	0.826574	1.20981	0.976905	1.0963	1.0963	0.0025456	0.400052	0.693975	0.877277	-1.13989	0.507624	1.24927	1.24927	5.03074	0.68773	1.54333	1
cg27596707	JMJD1C;JMJD1C	0.0036812	0.166248	0.704127	-1.4202	0.0017771	2.87871	2.87871	0.0267984	1.86526	1.86526	0.14436	0.688921	-1.45155	0.00111479	0.319463	-3.13025	0.62467	0.8894	-1.12435	0.0762137	1.59809	1.59809	0.128956	0.677132	-1.47682	0.693058	0.910034	-1.09886	8.05089	7.20053	0.795002	1
cg16951385	JMJD1C;JMJD1C	0.00877006	0.647623	1.1087	1.1087	0.0198316	0.768816	-1.76684	0.7970584	0.954022	-1.04845	0.0154445	0.165351	1.64168	1.64168	0.0109535	1.64168	0.124978	1.1934	1.1934	0.0015247	0.207557	0.0513892	19.4731	0.773556	1.29293	0.1717	0.837539	1.83985	1.07716	0.123768	3.29923	0.561092	1
cg09807821	JMJD1C;JMJD1C	0.0178855	0.489637	1.14491	1.14491	0.284325	1.23919	1.23919	0.2877111	1.64423	1.64423	0.760874	0.928276	-1.07727	0.0933792	0.616008	-1.62336	0.024678	0.597006	-1.67502	0.0352447	2.14446	2.14446	0.834214	1.04124	1.04124	0.81177	1.04708	1.04708	4.8856	0.872691	0.523427	1
cg05372170	JMJD1C;JMJD1C	0.0180412	0.0405656	0.165642	-6.03974	0.0159323	0.3564	-2.80607	0.0023887	0.336696	-2.97178	0.16357	0.06157	-16.2377	0.0302136	0.634863	-1.57567	0.059455	0.239294	-4.17955	0.0010966	0.555047	-1.80165	0.0096052	0.999304	-1.00078	0.0077372	0.387587	-2.58419	4.6854	6.34871	0.73571	1
cg17232254	JMJD1C;JMJD1C	0.0366475	0.628759	0.896499	-1.11545	0.0171669	0.52136	-1.91806	0.279395	0.777086	-1.28686	0.17879	0.816682	-1.22447	0.299111	0.785565	-1.27297	0.859322	0.960059	-1.0416	0.00459971	2.33004	2.33004	0.844791	0.959095	-1.04494	0.0672404	0.63131	-1.58401	0.8031	1.02948	0.708073	1
cg10959498	JMJD1C;JMJD1C	0.0472306	0.0244813	1.94917	1.94917	0.407258	0.809685	-1.21505	0.200156	1.40076	1.40076	0.033967	1.72708	1.72708	0.582047	1.14821	1.14821	0.622253	1.68666	1.68666	0.0815715	1.66172	1.66172	0.00908102	2.28325	2.28325	0.369602	0.794961	-1.25792	4.3602	3.40033	0.87305	1
cg14534336	JMJD1C;MJD1C;JMJD1C	0.0041825	0.0014434	0.279406	-3.58007	0.0398	1.51215	1.51215	0.0423177	0.804256	-1.24322	0.0178548	0.50923	-1.96407	0.0139846	0.381758	-2.62077	0.003504	0.285403	-3.50398	0.0010637	0.3504	-2.85397	0.0021102	0.186157	-5.37224	0.0006257	0.138144	-7.24178	0.998569	0.731814	0.318655	1
cg10235275	JMJD1C;JMJD1C;LOC84989	0.0290586	0.0420956	1.43005	1.43005	0.568668	1.09198	1.09198	0.865528	0.974444	-1.02623	0.590253	1.08658	1.08658	0.258718	0.835279	-1.19721	0.829089	0.967519	-1.03357	0.00123721	0.486155	-2.05696	0.392331	0.87472	-1.14322	0.293099	1.18127	1.18127	4.13328	1.52722	0.328439	1
cg14726769	JMJD1C;LOC84989	0.0246004	0.328179	1.77254	1.77254	0.00054663	1.55165	1.43365	0.0441586	1.09588	1.09588	0.29588	0.95838	-1.04347	0.533466	1.12528	1.12528	0.32505	1.25005	1.25005	0.0241937	2.32505	2.32505	0.0147888	1.57986	1.57986	0.0116085	1.13133	1.13133	1.60483	0.508304	1.2406	0.702706	1.84302	1.84302	1.84302	0.885366	2.83916	0.230919	1
cg00300664	JMJD1C;LOC84989	0.0180474	0.00480291	0.442936	-2.25766	0.876747	0.96789	-1.03435	0.135579	1.49162	1.49162	0.645615	0.904146	-1.10602	0.0252616	0.5605	-1.78412	0.009616	0.490035	-2.04067	0.155095	0.71813	-1.39251	0.127272	1.42937	1.42937	0.407801	1.20232	1.20232	4.87802	1.65312	0.666668	1
cg09343192	JMJD1C;MIR1296	0.00415099	0.0711783	0.663242	-1.50775	0.8449323	0.960888	-1.0407	0.217791	1.30231	1.30231	0.720316	0.929371	-1.0176	8.18E-05	0.235383	-4.24839	0.164953	1.35228	1.35228	0.34846	1.21733	1.21733	0.457977	0.857292	-1.16646	0.357362	1.2127	1.2127	7.76519	0.10469	0.584339	1
cg15563782	JMJD1C;MIR4435-2HG;JMJD1C;SNAP47	0.0302032	0.0320252	1.77254	1.77254	0.00054663	1.55165	1.43365	0.0441586	1.09588	1.09588	0.29588	0.95838	-1.04347	0.533466	1.12528	1.12528	0.32505	1.25005	1.25005	0.0241937	2.32505	2.32505	0.0147888	1.57986	1.57986	0.0116085	1.13133	1.13133	1.60483	0.508304	1.2406	0.702706	1.84302	1.84302	1.84302	0.885366	2.83916	0.230919	1
cg00355633	JMJD1C;MIR4435-2HG;JMJD1C;SNAP47;JMJD4	0.00344182	0.0153182	0.669223	-1.49427	0.00896689	1.95578	1.95578	0.00179222	2.35381	2.35381	0.0105206	0.647701	-1.54592	0.0030641	0.588171	-1.70019	0.745042	0.0029559	0.569466	-1.75603	0.44326	1.11123	1.11123	0.0927041	0.7991	1.25153	1.79158	4.55399	0.256278	1
cg11520395	JMJD1C;SNAP47;JMJD4	0.0019057	0.0019057	0.445364	-2.24548	0.0001	2.10586	2.10586	0.0008183	0.404256	-2.47217	0.0008324	0.505295	-1.97954	0.0003782	0.452355	-2.21102	0.000178	0.508324	-1.96705	0.0025	0.414234	-7.08045	0.00054649	0.233547	-4.28153	0.0026217	0.458605	-2.18053	14.4968	15.4794	1.02022	1
cg09796739	JMJD1C;SNAP47;JMJD4	0.0428443	0.0327385	0.400054	-2.49996	0.0469331	0.434293	-2.30259	0.0470468	0.434532	-2.30133	0.3911552	0.724552	-1.38016	0.0116285	0.314546	-3.17919	0.735041	0.0275036	0.384408	2.6014	0.414395	0.736417	-1.35793	0.8979	0.954025	-1.04819	0.0109465	0.310056	-3.22523	3.59069	7.64754	1.89317	1
cg10221965	JMJD1C;JMJD3	0.0001305	0.113913	1.37755	1.23755	0.0181	0.0010508	-1.26571	0.1	1.04819	1.04819	0.7961613	0.963047	-1.03854	0.0001	0.0001	0.0001	0.58616	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
cg03103596	JMJD1C;JMJD3	0.003763692	0.891628	1.02681	1.02681	0.0139101	0.55449	-1.80346	0.0033355	0.326614	-3.06617	0.0039296	0.491261	-2.03537	0.0033355	0.326614	-3.06617	0.0039296	0.491261	-2.03537	0.0033355	0.326614	-3.06617	0.0039296	0.491261	-2.03537	0.0033355	0.326614	-3.06617	0.0039296	0.491261	-2.03537	0.0033355	0.326614	-3.06617	0.0039296	0.491261	-2.03537	0.0033355	0.326614	-3.06617
cg00632019	JMJD5;JMJD5	0.00545387	0.00715595	0.391182	-2.55636	0.0222184	0.476738	-2.09759	0.812804	0.937898	-1.06621	0.300008	0.748061	-1.33679	0.00333874	0.339754	-2.94331	0.0181294	0.460463	-2.17173	0.0050631	0.367289	-2.72265	0.0532096	1.81	1.81	0.00811415	0.400099	-2.49938	7.14199	8.26193	1.02828	1
cg08572679	JMJD5;JMJD5	0.0115102	0.3566227	-1.80405	0.7612251	0.141631	1.58051	1.58051	0.0642698	0.732629	-1.36495	0.0009576	0.315207	-3.17233	0.0009576	0.315207	-3.17233	0.0035854	0.4198	-2.38208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
cg01543795	JMJD5;JMJD5	0.0033736	?	?	?	0.00345412	0.0311391	-32.1139	?	?	?	?	0.188828	0.332031	-3.01177	?	?	0.0029383	0.226148	-4.42187	?	?	?	0.937595	1.06261	1.06261	0.411847	0.92691	1.92691	5.58332	28.1349	6.04692	1
cg01752519	JMJD5;JMJD5	0.0412705	?	?	?	0.0486949	0.515052	-1.94108	0.6193198	-1.61463	0.123345	2.417209	2.417209	?	?	?	?	?	?	?	?	?	?	-1.77063	0.01864996	0.19498	-5.12874	0.0313706	0.249047	-4.01531	5.90234	13.2765	2.22752	1
cg27138526	JMJD5;MIR5;JMJD5	0.00062115	0.00043009	0.505026	-1.9801	0.0674971	1.28558	1.28558	0.0218304	0.713566	-1.40141	3.27E-05	0.371708	-2.69028	0.50186	0.919816	-1.08717	0.21423	0.851845	-1.17392	0.572964	1.07234	1.07234	0.695756	0.952951	-1.04937	0.100671	1.2467	1.2467	13.4532	3.20395	0.219194	1
cg24705286	JMJD5;MIR5;JMJD5	0.0019128	0.241026	0.902214	-1.10838	0.6666884	1.18813	1.18813	0.0931666	1.16748	1.16748	0.184472	0.886678	-1.12527	0.0806067	1.17237	1.17237	0.102755	0.86099	-1.16145	0.0040131	0.576287	-1.73525	0.107639	0.863114	-1.1586	0.00935751	1.31826	1.31826	9.76783	1.08746	0.0989602	1
cg13533061	JMJD6	0.0009005	0.329467	1.1	1.1	0.0199591	0.7442	-1.34442	0.0809591	0.683484	-1.46302	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532	0.0023552	0.4249	-2.3532
cg04150639	JMJD6;C17orf95;JMJD6;JMJD6;JMJD6	0.00215855	0.0585735	1.26299	1.26299	0.7836642	1.23821	1.23821	0.0715806	1.24588	1.24588	0.518507	1.07414	1.07414	0.0418229	1.29219	1.29219	0.0102022	1.42466	1.42466	0.00061209	0.561747	-1.78016	0.00112087	1.68918	1.68918	0.230249	1.14744	1.14744	9.42959	1.78312	0.168087	1
cg09087897	JMJD6;JMJD6	0.00130436	0.00313271	0.391933	-2.55146	0.628638	0.903274	-1.10708	0.0189028	0.517231	-1.93337	0.733568	1.08245	1.08245	0.00344785	0.29152	-3.4303	0.00143646	0.343474	-2.91143	0.000627093	0.295444	-3.38473	0.0344137	0.565273	-1.76906	0.00108272	0.326693	-3.06098	10.9086	9.28998	0.756996	1
cg16752338	PLA2G4B JMJD7-PLA2G4B;JMJD7;JMJD7-	0.00179399	0.000225667	0.107209	-9.32756	0.161422	0.580201	-1.72354	0.0497238	0.4427	-2.25887	0.245807	0.642837	-1.5556	0.0198228	0.359161	-2.78427	0.848571	0.932781	-1.07206	0.000163711	0.0963095	-10.3832	0.933744	1.03073	1.03073	0.00775044	0.287972	-3.47256	9.95143	20.885	1.8655	1
cg24867180	PLA2G4B	0.011879	0.024116	0.514289	-1.94443	0.0341833	1.81219	1.81219	0.139117	0.68185	-1.46663	0.0413012	1.76162	1.76162	?	?	?	0.00526215	0.412618	-2.42355	0.323734	1.27785	1.27785	0.06745	1.02859	1.02859	0.759229	-1.51681	5.7014	6.64507	0.814723	1
cg05787952	PLA2G4B	0.0243697	0.0243697	0.1026	-9.7441	0.0003698	0.209065	-4.78268	0.0015203	0.41926	-2.38513	0.0001	0.419809	-2.38129	0.0094337	0.644122	-1.55248	0.0001	0.419809	-2.38129	0.0094337	0.644122	-1.55248	0.0001	0.419809	-2.38129	0.0094337	0.644122	-1.55248	0.0001	0.419809	-2.38129	0.0094337	0.644122	-1.55248	0.0001	0.419809	-2.38129	0.0094337	0.644122	-1.55248
cg02851105	JMJD8	0.0378352	0.19737	0.496227	-2.01525	0.549453	1.3654	1.3654	0.00569051	0.45574	0.45574	0.477726	0.68991	-1.44946	0.15461	0.456818	-2.18905	0.008917	0.275532	0.5322	-3.63726	0.1862	0.1862	0.769157	0.859562	-1.16338	0.630035	1.28348	1.28348	3.75911	15.7433	3.72271	1
cg03899598	JMJD8;JMJD8	0.0145432	0.915526	0.944116	-1.05897	0.0102142	0.174003	-5.74702	0.0034265	0.84095	0.681094	0.352967	-2.83113	0.889764	0.927849	-1.07776	0.020924	0.020924	0.448281	0.448281	0.345057	1.69072	1.69072	0.890576	0.928165	-1.07716	0.22466	1.99117	1.99117	5.23388	24.1711	4.10507	1
cg26750188	JMJD8;WDR24	0.0823744	0.0823744

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09309891	JPH4;AP1G2;JPH4	0.0229965	0.402344	1.24753	1.24753	0.43699	1.22705	1.22705	0.00262969	2.92852	2.92852	0.0070607	2.45587	2.45587	0.460876	1.21377	1.21377	0.0213373	2.04193	2.04193	0.47719	1.20503	1.20503	0.0111873	2.27135	2.27135	0.0783996	1.6562	1.6562	4.48509	4.73014	0.937454	1
cg07125017	JPH4;JPH4	0.000949511	0.199365	0.849359	-1.17736	0.0499616	1.30889	1.30889	0.472537	1.09197	1.09197	0.616157	1.06275	1.06275	0.203083	0.850626	-1.1756	1.15E-05	3.06668	3.06668	0.854021	0.978067	-1.02243	0.754938	0.963	-1.03842	0.398683	1.10965	1.10965	11.9405	2.74185	0.204112	1
cg23918580	JPH4;JPH4	0.00375823	0.213819	0.508688	-1.96584	0.351196	1.64127	1.64127	0.231299	1.91242	1.91242	0.0850116	0.374022	-2.67364	0.40174	0.641995	-1.55764	0.000208329	24.6564	24.6564	?	?	?	0.0842468	0.37293	-2.68147	0.058559	0.331714	-3.01465	8.17667	30.6954	3.75402	1
cg06738356	JPH4;JPH4	0.0174889	0.981215	1.00771	1.00771	0.184134	0.631349	-1.58391	0.671544	0.87003	-1.14939	0.997905	0.999143	-1.00086	0.73586	0.895366	-1.11686	0.000293492	6.862	6.862	0.255404	1.47342	1.47342	0.324131	1.39431	1.39431	0.722489	1.12344	1.12344	4.92252	8.30724	1.50009	1
cg02916816	JPH4;JPH4	0.03504	0.955612	1.01131	1.01131	0.863385	0.965795	-1.03542	0.99571	1.00109	1.00109	0.0995373	1.44025	1.44025	0.122552	0.713091	-1.40235	0.00141868	2.54265	2.54265	0.0975215	1.44401	1.44401	0.49371	0.868959	-1.1508	0.459857	1.16424	1.16424	3.86553	2.5002	0.574928	1
cg03024246	JRKL	3.74E-06	4.06E-06	0.201488	-4.96308	7.31E-07	0.134642	-7.42708	0.161608	0.799348	-1.25102	0.70944	1.05768	1.05768	0.710886	1.05737	1.05737	0.209942	0.820392	-1.21893	0.01609	1.55477	1.55477	2.21E-05	0.279209	-3.58155	3.36E-06	0.193429	-5.16986	52.2875	18.5915	0.316056	1
cg10985320	JRKL	3.31E-05	1.62E-05	0.0505924	-19.7658	1.57E-05	0.0499289	-20.0285	0.73256	0.891149	-1.12215	0.626795	0.848206	-1.17896	0.35575	0.726764	-1.37596	0.00770462	0.316544	-3.15912	8.73E-05	0.0940771	-10.6296	3.04E-05	0.0646525	-15.4673	6.67E-05	0.0858174	-11.6526	29.6699	53.0421	1.58911	1
cg03075605	JRKL;JRKL;CCDC82	0.0215251	0.235025	0.637761	-1.56799	0.0288824	0.394123	-2.53728	0.0181604	0.35466	-2.8196	0.70075	1.14975	1.14975	0.106847	0.529301	-1.88929	0.281474	0.667308	-1.49856	0.00334697	0.236249	-4.23282	0.00516004	0.263258	-3.79855	0.0623688	0.468567	-2.13417	4.58813	9.48975	1.83851	1
cg06488988	JRKL;JRKL;CCDC82	0.0225739	0.291599	1.18997	1.18997	0.0290963	0.664462	-1.50498	0.000809898	0.447983	-2.23223	0.269966	1.2003	1.2003	0.39951	1.14692	1.14692	0.585104	0.916106	-1.09158	0.561829	0.910985	-1.09771	0.903043	1.01956	1.01956	0.535769	0.905139	-1.1048	4.51383	1.80596	0.35564	1
cg26752884	JRKL;JRKL;CCDC82	0.0279728	0.255005	1.3859	1.3859	0.858996	1.04927	1.04927	0.0320328	2.05597	2.05597	0.0235605	2.18542	2.18542	0.0347448	2.02351	2.02351	?	?	?	0.0280916	0.473945	-2.10995	?	?	?	0.255707	0.721943	-1.38515	5.43081	4.65653	0.734939	1
cg16236679	JRKL;JRKL;CCDC82	0.0285789	0.389747	1.17597	1.17597	0.329671	0.831099	-1.20323	0.641199	1.09015	1.09015	0.162614	1.31541	1.31541	0.219313	1.26816	1.26816	0.705457	1.07233	1.07233	0.000452302	2.76419	2.76419	0.548058	1.11827	1.11827	0.843786	1.03695	1.03695	4.15767	2.22718	0.47616	1
cg18465133	JSRP1	0.000625968	0.0389797	1.91707	1.91707	0.0180907	2.18548	2.18548	0.0755028	1.71404	1.71404	0.174864	1.48138	1.48138	0.00558923	2.69388	2.69388	0.0031066	3.00913	3.00913	1.81E-05	10.8397	10.8397	0.00073574	4.04211	4.04211	0.00503546	2.74642	2.74642	13.4242	15.7682	1.0441	1
cg22622505	JSRP1	0.00245008	0.0843197	0.694001	-1.44092	0.0224345	1.68735	1.68735	0.0136723	0.55802	-1.79205	0.609511	0.906157	-1.10356	0.00153784	0.418223	-2.39107	0.0128581	0.55382	-1.80564	0.0263085	1.65538	1.65538	0.291166	1.2331	1.2331	0.00311344	0.461388	-2.16737	9.0858	5.26551	0.515139	1
cg13742526	JSRP1	0.0149398	0.0748294	3.56961	3.56961	0.0349703	4.83444	4.83444	0.104376	3.12193	3.12193	0.23882	2.20589	2.20589	0.0263309	5.41603	5.41603	0.0423714	4.4782	4.4782	0.000961757	23.4052	23.4052	0.00770729	8.98393	8.98393	0.0263561	5.41395	5.41395	5.18759	33.7873	5.78942	1
cg15164761	JSRP1	0.0198636	0.00469589	0.144341	-6.92805	0.0252925	0.254108	-3.93534	0.0188521	0.23099	-4.32919	0.121553	0.421209	-2.37412	0.0103488	0.189432	-5.27894	0.0687544	0.350175	-2.85571	0.0302107	0.269083	-3.71632	0.00853043	0.177469	-5.63479	0.106906	0.403867	-2.47606	4.71551	19.8168	3.73554	1
cg16098170	JSRP1	0.0237557	0.409491	0.867219	-1.15311	0.00367876	0.51523	-1.94088	0.026188	0.640506	-1.56127	0.799308	1.04397	1.04397	0.858517	1.03059	1.03059	0.164875	1.28432	1.28432	0.68302	1.0718	1.0718	0.0146648	0.602021	-1.66107	0.0477317	0.682256	-1.46573	4.43508	2.00359	0.401564	1
cg13533142	JSRP1	0.0242509	0.0179001	0.143634	-6.96213	0.0327292	0.185477	-5.3915	0.0367598	0.194745	-5.13491	0.358416	0.528963	-1.89049	0.0104385	0.1137	-8.79507	0.199105	0.400526	-2.49671	0.00857753	0.104253	-9.59205	0.008498	0.103822	-9.63184	0.0494109	0.220434	-4.5365	4.40351	31.714	6.40176	1
cg10356204	JSRP1	0.0352431	0.0101528	0.229075	-4.36539	0.0163405	0.263341	-3.79736	0.0131843	0.247396	-4.0421	0.108422	0.451142	-2.2166	0.0328776	0.321631	-3.10915	0.134201	0.479931	-2.08363	0.0878453	0.424738	-2.35439	0.0275903	0.30602	-3.26776	0.0486053	0.359196	-2.78399	3.85745	12.6217	2.90848	1
cg11449372	JSRP1	0.0382962	0.0145146	0.139706	-7.15788	0.0831984	0.285472	-3.50297	0.0251579	0.175427	-5.70038	0.253392	0.458564	-2.18072	0.0302881	0.189258	-5.2838	0.269895	0.47193	-2.11896	0.026036	0.17791	-5.62081	0.00777202	0.107094	-9.3376	0.0616829	0.252686	-3.95748	3.74248	25.3221	6.01432	1
cg22774088	JSRP1	0.0407009	0.0462549	12.7075	12.7075	0.039968	14.0584	14.0584	0.0489808	12.2144	12.2144	0.113188	6.81609	6.81609	0.180467	4.87136	4.87136	0.0746836	9.12021	9.12021	0.00760081	45.6871	45.6871	0.0114536	33.8672	33.8672	0.0375552	14.6775	14.6775	3.65962	71.8427	17.4499	1
cg17464989	JSRP1	0.0444413	0.0316601	0.178791	-5.59312	0.0158415	0.132708	-7.53533	0.0831414	0.269557	-3.70979	0.140962	0.338888	-2.95083	0.0254267	0.162803	-6.1424	0.0943656	0.284607	-3.51362	0.0183479	0.141456	-7.06931	0.0201872	0.147424	-6.78317	0.0712806	0.252411	-3.96179	3.54204	26.1976	6.57439	1
cg24506216	JTB	0.00196405	0.00888382	0.680334	-1.46987	0.406299	1.10326	1.10326	0.311622	0.885956	-1.12872	0.00100178	1.75956	1.75956	0.24887	1.14961	1.14961	0.00113118	1.7405	1.7405	0.866749	1.01962	1.01962	0.113458	0.819352	-1.22048	0.0115383	0.693895	-1.44114	9.69297	2.05421	0.18838	1
cg06324094	JTB	0.00424574	0.000186274	0.323999	-3.08643	0.670264	1.07951	1.07951	0.326593	1.19832	1.19832	0.112249	0.734258	-1.36192	0.424224	0.864339	-1.15695	0.0998993	0.724644	-1.37999	0.341786	1.19122	1.19122	0.067057	1.44292	1.44292	0.0317239	1.56798	1.56798	7.71241	3.89779	0.449237	1
cg22332037	JTB	0.00605385	0.00528652	0.269313	-3.71315	0.0514031	2.20642	2.20642	0.705384	0.873258	-1.14514	0.503349	1.27422	1.27422	0.00304777	0.234987	-4.25556	0.487713	0.777582	-1.28604	0.0066105	0.284203	-3.51862	0.238705	1.55319	1.55319	0.0119092	0.326313	-3.06455	6.92004	13.9536	1.79236	1
cg01588224	JTB	0.00986643	0.000997167	0.217025	-4.60777	0.259966	1.44373	1.44373	0.344261	0.737518	-1.3559	0.535164	1.21686	1.21686	0.0698675	0.530732	-1.88419	0.67835	1.13921	1.13921	0.00549731	0.319583	-3.12908	0.913264	0.966522	-1.03464	0.0124777	0.378526	-2.64183	5.93608	9.1824	1.375	1
cg13172696	JTB	0.0217114	0.0223251	0.443899	-2.25276	0.192694	1.50524	1.50524	0.519739	1.21357	1.21357	0.323468	0.738972	-1.35323	0.00184451	0.269377	-3.71226	0.140685	0.62496	-1.6001	0.214953	0.678953	-1.47286	0.106913	1.68554	1.68554	0.388372	0.769334	-1.29983	4.5746	6.37476	1.23868	1
cg03655142	JTB	0.0374423	0.00590484	0.143279	-6.97939	0.526117	0.70714	-1.41415	0.179851	0.463744	-2.15636	0.958	1.02882	1.02882	0.0729794	0.339991	-2.94125	0.575746	0.737127	-1.35662	0.0103454	0.175093	-5.71124	0.390346	1.60773	1.60773	0.0218488	0.226652	-4.41205	3.77347	17.3917	4.09683	1
cg05381960	JTB;CREB3L4	0.00685685	0.00313956	0.0935808	-10.686	0.0715907	0.307174	-3.25548	0.0104168	0.150711	-6.63523	0.0196282	0.191281	-5.22791	0.00457599	0.10916	-9.16085	0.0336368	0.233205	-4.28808	0.0013153	0.0643825	-15.5322	0.279166	0.516793	-1.93501	0.0122076	0.160091	-6.24644	6.65784	36.2951	4.84576	1
cg09148738	JTB;JTB	0.00142595	0.145581	1.29882	1.29882	0.505588	1.11966	1.11966	0.312859	1.19085	1.19085	0.990459	0.998001	-1.002	0.259587	1.21747	1.21747	0.239958	0.813938	-1.2286	1.88E-05	0.232906	-4.29357	0.879569	0.97495	-1.02569	0.895689	0.978291	-1.02219	10.6333	4.71469	0.394124	1
cg01565237	JTB;JTB	0.0192169	0.0493506	0.657861	-1.52008	0.586632	1.10793	1.10793	0.616546	1.09884	1.09884	0.240054	1.25815	1.25815	0.201456	0.777375	-1.28638	0.652725	0.918917	-1.08824	0.00059959	0.372163	-2.68699	0.582173	1.10931	1.10931	0.437329	1.15941	1.15941	4.76871	2.6321	0.490623	1
cg26382848	JUB	0.0022609	0.00104142	0.169263	-5.90797	0.0385228	0.416	-2.40385	0.940457	0.973036	-1.02771	0.120884	1.85049	1.85049	0.532544	1.26025	1.26025	0.00427836	0.247011	-4.04839	0.131185	0.550843	-1.8154	0.000311779	0.117713	-8.49527	0.523325	1.26703	1.26703	9.30263	19.7251	1.88478	1
cg14220764	JUB	0.0061056	0.0556885	0.51221	-1.95232	0.0048647	0.316006	-3.1645	0.0207387	0.423505	-2.36125	0.874654	0.952455	-1.04992	0.0725767	0.538935	-1.85551	0.1808	1.55033	1.55033	0.00054639	0.190648	-5.24528	0.245891	1.45423	1.45423	0.137956	0.610859	-1.63704	6.90187	10.4079	1.34042	1
cg06998137	JUB	0.00646885	0.299318	1.47131	1.47131	0.897025	1.04758	1.04758	0.01651	2.86185	2.86185	0.0092439	0.305456	-3.2738	0.958344	1.01893	1.01893	0.3982	1.36413	1.36413	0.000489362	0.140723	-7.10618	0.941608	1.02665	1.02665	0.396999	1.36527	1.36527	6.77947	13.837	1.81423	1
cg13067221	JUB	0.00931496	0.0306212	0.496832	-2.01275	0.147263	0.651624	-1.53463	0.102998	0.61188	-1.63431	0.0201804	0.462287	-2.16316	0.00193152	0.298672	-3.34816	0.299484	1.34464	1.34464	0.161153	1.51005	1.51005	0.0817772	1.70092	1.70092	0.0289307	0.492004	-2.0325	6.04594	7.26222	1.06771	1
cg27601516	JUB	0.0170839	0.0480107	0.546529	-1.82973	0.0559165	0.560534	-1.78401	0.125242	0.64175	-1.55824	0.0166852	2.18392	2.18392	0.659422	1.12586	1.12586	0.0263866	2.02144	2.02144	0.0202338	0.473103	-2.1137	0.510343	1.19541	1.19541	0.185218	0.68691	-1.45579	4.96131	5.61416	1.00586	1
cg18073151	JUB	0.0265053	0.407918	0.741488	-1.34864	0.0301776	0.406288	-2.46131	0.803482	0.915671	-1.0921	0.517035	0.792855	-1.26126	0.00761847	0.297489	-3.36147	0.324354	0.697937	-1.43279	0.129104	1.78507	1.78507	0.0799144	1.98694	1.98694	0.0363676	2.36225	2.36225	4.26924	8.44157	1.7576	1
cg22971594	JUB;JUB	0.000179184	0.000918415	0.372541	-2.68427	0.816276	0.954662	-1.04749	0.799042	1.05218	1.05218	0.947737	1.01315	1.01315	1.25E-05	0.159564	-6.26706	4.56E-05	0.215101	-4.64898	0.564186	0.89028	-1.12324	0.812619	0.953761	-1.04848	0.00596208	0.488335	-2.04777	18.9262	11.9137	0.559537	1
cg02071795	JUB;JUB	0.000652342	0.653331	1.1095	1.1095	0.800002	0.943321	-1.06008	0.688526	1.09704	1.09704	0.0606476	1.62605	1.62605	1.10E-05	0.116353	-8.59456	0.935961	0.9817	-1.01864	0.0145267	1.99771	1.99771	0.697846	0.914233	-1.09381	0.459533	0.841064	-1.18897	13.2703	11.103	0.74372	1
cg17559711	JUB;JUB	0.0409939	0.122826	0.816147	-1.22527	0.450615	1.09791	1.09791	0.480316	0.916508	-1.0911	0.172956	0.838426	-1.19271	0.133267	0.821347	-1.21751	0.313991	1.13489	1.13489	0.00319678	0.61317	-1.63087	0.744505	1.04054	1.04054	0.0923457	1.25246	1.25246	3.64994	0.853615	0.207885	1
cg06971253	JUB;JUB	0.04769	0.846963	0.954206	-1.04799	0.179684	1.41302	1.41302	0.659632	0.898052	-1.11352	0.868314	0.960542	-1.04108	0.335902	0.78605	-1.27218	0.065846	0.606084	-1.64994	0.00200371	0.347146	-2.88063	0.834264	0.950439	-1.05215	0.241441	1.34646	1.34646	3.4494	3.21551	0.828616	1
cg03508235	JUB;JUB;JUB	0.0459498	0.0180734	0.342765	-2.91745	0.0133494	0.318907	-3.13571	0.0380386	0.407902	-2.45157	0.0891186	0.497039	-2.01192	0.0945947	0.504035	-1.98399	0.125632	0.539016	-1.85523	0.0534656	0.441365	-2.2657	0.0143106	0.32426	-3.08395	0.0767867	0.48005	-2.08312	3.49802	7.70272	1.95735	1
cg15684811	JUN	0.00161905	0.288801	1.16721	1.16721	0.169206	1.22833	1.22833	0.154187	1.23885	1.23885	0.208301	1.20475	1.20475	0.600535	0.928497	-1.07701	0.464746	0.900798	-1.11013	3.27E-05	0.321978	-3.1058	0.0549855	1.35737	1.35737	0.928566	1.01267	1.01267	10.2513	3.20115	0.27757	1
cg15156614	JUN	0.00416258	0.544836	1.10729	1.10729	8.25E-05	3.25242	3.25242	0.127238	0.760126	-1.31557	0.745585	1.05563	1.05563	0.483631	0.888356	-1.12568	0.0584017	1.4271	1.4271	0.152381	0.774966	-1.29038	0.785906	1.04632	1.04632	0.704177	0.938534	-1.06549	7.75866	3.3982	0.389323	1
cg02533419	JUN;JUN	0.00331707	0.367939	1.09301	1.09301	0.030055	1.27812	1.27812	?	?	?	0.592228	1.05337	1.05337	0.115068	0.848081	-1.17913	0.371313	0.915505	-1.09229	0.000225797	0.554401	-1.80375	0.702187	1.03764	1.03764	0.0175864	1.32024	1.32024	8.48984	1.10538	0.1302	1
cg17933911	JUN;JUN	0.00400463	0.0821218	0.824813	-1.2124	0.29915	0.897986	-1.1136	0.847061	1.0195	1.0195	0.00702033	0.705718	-1.417	0.00148029	0.632198	-1.58178	0.0164226	0.745859	-1.34074	0.23972	1.131	1.131	0.00448821	1.46058	1.46058	0.414084	1.08707	1.08707	7.84976	1.24306	0.140762	1
cg20750215	JUNB	1.97E-05	0.0135051	0.728812	-1.3721	5.34E-06	2.90581	2.90581	0.000205486	1.90303	1.90303	1.07E-05	2.64334	2.64334	0.201916	0.86987	-1.1496	0.000110933	2.0208	2.0208	0.0860661	0.821815	-1.21682	0.590029	1.05789	1.05789	0.267681	0.887397	-1.12689	34.0183	5.7673	0.150698	1
cg04278170	JUNB	0.0125768	0.45969	1.36507	1.36507	0.000472692	0.103292	-9.68129	0.0370453	0.367515	-2.72098	0.0106704	0.265282	-3.76958	0.389843	0.694698	-1.43948	0.092987	0.465786	-2.14691	0.11184	0.488795	-2.04585	0.519986	0.763677	-1.30945	0.771565	1.12789	1.12789	5.48908	14.8572	2.40594	1
cg12277122	JUNB	0.0156249	0.761456	0.953803	-1.04844	0.481998	0.894925	-1.11741	0.058941	1.39283	1.39283	0.135363	1.28408	1.28408	0.104271	1.3177	1.3177	0.33348	0.85644	-1.16762	0.00404024	0.548903	-1.82182	0.0374465	0.687213	-1.45515	0.019321	0.644352	-1.55195	5.11111	1.95353	0.339744	1
cg12482755	JUNB	0.0219381	0.966642	0.985145	-1.01508	0.0770608	0.494816	-2.02095	0.983023	1.00764	1.00764	0.690456	0.866529	-1.15403	0.0577427	0.463987	-2.15523	0.55579	0.807957	-1.23769	0.00484649	0.262622	-3.80776	0.0688973	2.07212	2.07212	0.0170824	2.8306	2.8306	4.55834	9.24682	1.80315	1
cg00366837	JUNB	0.0409027	0.217873	0.758265	-1.3188	0.380363	0.825227	-1.21179	0.245941	1.2957	1.2957	0.0753044	0.655238	-1.52616	0.0540548	0.627001	-1.59489	0.00779384	0.482257	-2.07358	0.360039	1.22249	1.22249	0.796897	1.0566	1.0566	0.0702531	1.54034	1.54034	3.65294	2.63667	0.641595	1
cg23443660	JUNB;JUNB	0.00229563	0.000577436	0.663228	-1.50778	0.0321374	1.21352	1.21352	0.0411068	1.19927	1.19927	0.00101523	0.686703	-1.45623	0.362398	0.93036	-1.07485	0.635734	0.963877	-1.03748	0.00847577	0.771721	-1.2958	0.301561	0.920783	-1.08603	0.926537	0.992914	-1.00714	9.26116	0.872061	0.0837007	1
cg22027408	JUNB;JUNB	0.00555644	0.530927	1.09542	1.09542	0.074836	1.32964	1.32964	0.832602	0.970065	-1.03086	0.730208	1.05096	1.05096	0.851708	1.02724	1.02724	0.185085	0.817251	-1.22361	0.000236757	0.417029	-2.39791	0.020429	1.49359	1.49359	0.13183	1.26308	1.26308	7.10524	2.32014	0.290257	1
cg06562807	JUND	0.00639911	0.138356	0.678327	-1.47422	0.0263594	1.89778	1.89778	0.0304585	1.85652	1.85652	0.222794	1.36567	1.36567	0.144972	0.683321	-1.46344	0.525555	0.855145	-1.16939	0.367259	1.25271	1.25271	0.0028929	2.70842	2.70842	0.00125444	3.14591	3.14591	6.80229	6.37546	0.833113	1
cg18487609	JUND	0.018686	0.0522165	0.836894	-1.19489	0.019045	0.79543	-1.25718	0.00138624	0.688126	-1.45322	0.915395	0.991467	-1.00861	0.382531	0.930332	-1.07488	0.536959	0.950836	-1.05171	0.0064878	0.751769	-1.3302	0.656978	0.964601	-1.0367	0.0400761	0.825877	-1.21083	4.81408	0.495768	0.0915404	1
cg00392943	JUND	0.0331876	0.393478	0.848302	-1.17883	0.48428	0.874783	-1.14314	0.000984117	2.51432	2.51432	0.909004	1.02175	1.02175	0.692113	1.07779	1.07779	0.161183	0.754538	-1.32531	0.529784	0.887094	-1.12728	0.262012	0.802413	-1.24624	0.466921	0.869939	-1.14951	3.94201	2.21163	0.498703	1
cg20957975	JUND	0.0368238	?	?	?	0.233614	1.79931	1.79931	0.911008	0.949126	-1.0536	0.18488	1.93992	1.93992	0.602798	0.782313	-1.27826	0.240017	1.78349	1.78349	0.995085	1.00288	1.00288	0.00222128	0.120553	-8.29509	0.1887	1.92735	1.92735	4.21635	12.6716	2.62968	1
cg11015017	JUND;JUND	0.00993501	0.794253	0.975452	-1.02517	0.882086	1.01421	1.01421	0.0338399	1.2657	1.2657	0.51186	0.938693	-1.06531	0.302879	1.10682	1.10682	0.0463458	0.804905	-1.24238	0.264559	0.895311	-1.11693	0.518559	1.06422	1.06422	0.000387341	1.713	1.713	5.92296	0.848351	0.127317	1
cg14131889	JUP;JUP	0.00120363	0.013455	0.556917	-1.7956	0.0558709	0.660761	-1.51341	0.000500907	0.353022	-2.83268	0.772633	1.05698	1.05698	0.000741797	0.375362	-2.66409	0.000424259	0.343732	-2.90924	0.0734778	1.46484	1.46484	0.650813	1.09108	1.09108	0.288839	0.810079	-1.23445	11.1622	6.46904	0.515156	1
cg13873511	JUP;JUP	0.00165386	0.0530423	1.93504	1.93504	0.920081	0.971672	-1.02915	0.178852	0.65836	-1.51893	0.216998	1.46059	1.46059	7.46E-05	0.072307	-13.8299	0.0980146	1.71203	1.71203	?	?	?	0.0321515	0.466481	-2.14371	0.273106	1.3928	1.3928	15.8841	17.4577	0.824296	1
cg24865637	JUP;JUP	0.00211644	0.000221296	3.61122	3.61122	0.742257	0.933437	-1.07131	0.000186795	3.72966	3.72966	0.526035	0.874498	-1.14351	0.898457	1.02701	1.02701	0.51723	1.14689	1.14689	0.364864	0.823377	-1.21451	0.879728	0.96889	-1.03211	0.382112	1.20574	1.20574	9.48404	6.5439	0.613326	1
cg04066453	JUP;JUP	0.00338948	0.469814	1.37403	1.37403	0.111235	0.472505	-2.11638	0.0173682	3.49643	3.49643	0.0440343	0.367916	-2.71801	0.00671891	0.218959	-4.56707	0.0978225	0.4562	-2.19202	0.0010467	0.122938	-8.13421	0.00564876	0.208187	-4.80337	0.0117526	0.256673	-3.896	8.2526	24.4056	2.62873	1
cg25149475	JUP;JUP	0.00441534	0.143148	0.638795	-1.56545	0.0062003	0.361865	-2.76346	0.00307737	0.315348	-3.1711	0.71255	1.11116	1.11116	0.000334162	0.192384	-5.19793	0.915136	1.03083	1.03083	0.0971505	0.595389	-1.67957	0.03435	0.495075	-2.0199	0.0110385	0.403345	-2.47927	7.62149	9.79223	1.14206	1
cg24664305	JUP;JUP	0.0103884	0.770087	1.01977	1.01977	0.0035842	0.768341	-1.3015	0.190455	0.911537	-1.09705	0.111436	0.890629	-1.1228	0.118696	1.11979	1.11979	0.0289957	0.842013	-1.18763	0.00864928	0.799621	-1.25059	0.176605	0.908497	-1.10072	0.0299758	1.18598	1.18598	5.83891	0.412707	0.0628285	1
cg19424759	JUP;JUP	0.0110017	0.309745	0.668599	-1.49566	0.0024578	0.199221	-5.01955	0.012355	0.303323	-3.29682	0.0468691	0.418373	-2.39021	0.00753317	0.267943	-3.73214	0.0429922	0.40987	-2.4398	0.00526864	0.244387	-4.09187	0.215621	0.607054	-1.6473	0.00790748	0.271263	-3.68646	5.73224	13.3165	2.06497	1
cg06569954	JUP;JUP	0.0184074	0.206333	0.689429	-1.45048	0.447295	0.805658	-1.24122	0.00387375	0.337753	-2.96074	0.918284	0.971774	-1.02905	0.000740832	0.239447	-4.17628	0.850697	1.05398	1.05398	0.938068	1.02192	1.02192	0.467235	0.813515	-1.22923	0.180976	0.672824	-1.48627	4.83853	5.9651	1.09585	1
cg19255007	JUP;JUP	0.0218359	0.715275	0.86517	-1.15584	0.255374	1.59907	1.59907	0.0196465	0.328153	-3.04736	0.0266873	0.354125	-2.82386	0.0379042	0.386127	-2.58982	0.168264	0.559644	-1.78685	0.00183232	0.173771	-5.7547	0.841739	0.92401	-1.08224	0.108475	0.500487	-1.99805	4.56565	11.3007	2.20015	1
cg20622410	JUP;JUP	0.0358117	0.167628	1.49972	1.49972	0.0679193	1.75666	1.75666	0.598458	0.863782	-1.1577	0.191646	1.46361	1.46361	0.635144	1.14078	1.14078	0.90468	1.03356	1.03356	0.00108592	3.77643	3.77643	0.077607	1.71686	1.71686	0.083295	1.69605	1.69605	3.83513	4.61199	1.06895	1
cg03960072	KAAG1;DCDC2;DCDC2	0.00678221	0.0602894	2.46667	2.46667	0.0184219	3.38189	3.38189	0.234851	1.69993	1.69993	0.067779	2.39126	2.39126	0.0140698	0.274814	-3.63882	0.111893	2.09113	2.09113	0.00166518	6.79756	6.79756	0.00658868	4.49682	4.49682	0.100238	2.1541	2.1541	6.68057	19.2118	2.55625	1
cg10090650	KAAG1;DCDC2;KAAG1	0.000365754	0.702431	1.12	1.12	0.000331689	5.53131	5.53131	0.018977	2.31321	2.31321	0.0413623	2.00299	2.00299	0.000120906	0.137677	-7.26338	0.0946761	1.71995	1.71995	0.00612492	2.87507	2.87507	0.00116298	4.08808	4.08808	0.220953	1.46212	1.46212	15.5795	21.5073	1.2271	1
cg08126211	KAAG1;DCDC2;KAAG1	0.00064426	0.0690778	1.94236	1.94236	0.000922583	5.02968	5.02968	0.00301968	3.76917	3.76917	0.0615336	1.98854	1.98854	0.000554344	0.173927	-5.74955	0.373358	1.34751	1.34751	0.34135	1.37714	1.37714	0.000439847	6.12319	6.12319	0.0154892	2.63599	2.63599	13.3166	22.4668	1.49967	1
cg14069965	KAAG1;DCDC2;KAAG1	0.00266298	0.0675391	2.20182	2.20182	0.0013685	5.98979	5.98979	0.0513926	2.35076	2.35076	0.172065	1.75097	1.75097	0.00769963	0.267254	-3.74175	0.0145746	3.18806	3.18806	0.0018082	5.52724	5.52724	0.00935392	3.56122	3.56122	0.0389015	2.51277	2.51277	8.86546	20.8514	2.09065	1
cg04515001	KAAG1;DCDC2;KAAG1;DCDC2	0.00777894	0.0355228	6.80986	6.80986	0.00470288	19	19	0.0259095	7.94697	7.94697	0.0347521	6.88313	6.88313	0.1113	0.256762	-3.89466	0.0403573	6.39923	6.39923	0.00371201	21.6001	21.6001	0.00610014	16.5421	16.5421	0.055857	5.46283	5.46283	6.40028	62.2766	8.64915	1
cg05347898	KAAG1;KAAG1;DCDC2	0.0109899	0.055284	4.9161	4.9161	0.00320791	19.076	19.076	0.0423045	5.55284	5.55284	0.0250413	7.0568	7.0568	0.141056	0.313389	-3.19093	0.148268	3.11638	3.11638	0.132483	3.28674	3.28674	0.00257407	21.3975	21.3975	0.0335276	6.17377	6.17377	5.73422	48.7915	7.56341	1
cg07791578	KAAG1;KAAG1;DCDC2	0.0124709	0.0488321	5.93776	5.93776	0.0035814	22.7321	22.7321	0.0591178	5.40502	5.40502	0.0272496	7.91592	7.91592	0.206863	0.348523	-2.86925	0.185814	3.03671	3.03671	0.0820836	4.59661	4.59661	0.00265682	26.8734	26.8734	0.0286149	7.72657	7.72657	5.50422	54.6531	8.82605	1
cg27252395	KAAG1;KAAG1;DCDC2	0.0136671	0.0609142	5.35707	5.35707	0.00719878	15.7402	15.7402	0.0605219	5.3742	5.3742	0.0335088	7.19593	7.19593	0.0889658	0.225254	-4.43943	0.0411633	6.50019	6.50019	0.0793013	4.70099	4.70099	0.00458362	20.0607	20.0607	0.0334426	7.20297	7.20297	5.34193	53.4116	8.88762	1
cg16306115	KAAG1;KAAG1;DCDC2	0.0303669	0.0395609	5.29678	5.29678	0.01445	8.25511	8.25511	0.096703	3.5859	3.5859	0.0586044	4.46458	4.46458	0.30796	0.477577	-2.0939	0.147495	2.96951	2.96951	0.0267426	6.28444	6.28444	0.00964077	9.91731	9.91731	0.0452982	4.99374	4.99374	4.06922	31.6074	6.9044	1
cg20842729	KAL1	9.84E-07	0.269717	1.13145	1.13145	3.79E-07	0.208954	-4.78573	2.43E-07	0.190563	-5.24762	0.101614	0.824826	-1.21238	4.69E-07	0.21803	-4.58652	0.0418305	1.28669	1.28669	0.332464	1.11342	1.11342	0.668845	0.954816	-1.04732	0.200479	0.864759	-1.15639	73.6397	13.4664	0.16255	1
cg10088365	KAL1	7.89E-05	0.0270384	0.444707	-2.24867	6.39E-05	9.73747	9.73747	5.41E-06	24.2044	24.2044	0.528719	1.21843	1.21843	0.476457	0.799223	-1.25122	0.00602279	0.329295	-3.03679	0.350337	1.34659	1.34659	0.515824	0.815497	-1.22625	0.0128549	2.60205	2.60205	23.5903	35.8015	1.34901	1
cg02156712	KAL1	0.000141149	0.0697365	1.27185	1.27185	8.70E-06	0.318092	-3.14375	0.00252089	1.64426	1.64426	0.00854418	0.671776	-1.48859	0.00147159	0.58028	-1.72331	0.0503336	0.767581	-1.30279	0.599706	1.0648	1.0648	0.00505594	0.644343	-1.55197	0.322114	1.12893	1.12893	20.1849	4.49401	0.197904	1
cg05152051	KAL1	0.000396171	0.743202	1.03901	1.03901	0.000811509	1.80014	1.80014	1.57E-05	2.82378	2.82378	0.00021089	2.05674	2.05674	0.0400703	1.31805	1.31805	0.841068	1.02364	1.02364	0.548265	1.07327	1.07327	0.0417246	1.3142	1.3142	0.0384749	1.32193	1.32193	15.2406	3.2701	0.190725	1
cg25389127	KAL1	0.00172376	0.0268073	0.715284	-1.39805	0.000206395	2.21202	2.21202	0.0447636	0.74507	-1.34216	0.0872268	1.27279	1.27279	0.59632	0.933992	-1.07067	0.0595602	0.762143	-1.31209	0.173146	0.830974	-1.20341	0.00438453	1.62581	1.62581	0.200294	1.18864	1.18864	10.0673	2.60164	0.229712	1
cg23898928	KAL1	0.00196643	0.199081	0.717421	-1.39388	0.00229235	0.352294	-2.83854	0.0206461	0.505527	-1.97813	0.000354909	0.245721	-4.06965	0.00016281	0.207087	-4.82889	0.061269	0.596841	-1.67549	0.491626	0.842862	-1.18643	0.605532	0.880289	-1.13599	0.121368	0.662965	-1.50838	9.68956	9.19187	0.843233	1
cg24743423	KAL1	0.00397826	0.180657	1.39445	1.39445	0.634215	1.11865	1.11865	0.933909	1.01959	1.01959	0.187953	1.38592	1.38592	0.000809641	0.30672	-3.2603	0.240492	1.33302	1.33302	0.000498976	0.279726	-3.57493	0.501608	1.17296	1.17296	0.983812	0.995265	-1.00476	7.8654	6.81573	0.770263	1
cg04084455	KAL1	0.02342	0.982854	0.995562	-1.00446	0.00195573	2.47514	2.47514	0.668148	0.914607	-1.09337	0.00479031	2.17037	2.17037	0.636823	1.10344	1.10344	0.353873	1.21826	1.21826	0.307728	0.803699	-1.24425	0.435982	0.848325	-1.17879	0.211889	1.31283	1.31283	4.45694	3.0239	0.603084	1
cg09132264	KAL1	0.0271235	0.505748	1.82665	1.82665	0.00292764	46.2267	46.2267	0.00519947	31.0342	31.0342	0.756731	1.31887	1.31887	0.822599	1.22137	1.22137	0.217738	0.312413	-3.20089	0.823877	1.21957	1.21957	?	?	?	0.963645	1.04141	1.04141	4.74945	51.88	9.55795	1
cg03723938	KAL1	0.036184	0.897478	0.962729	-1.03871	0.205137	1.48276	1.48276	0.175608	1.52861	1.52861	0.00409525	3.11106	3.11106	0.0246527	0.454576	-2.19985	0.118081	0.606518	-1.64876	0.594422	0.853554	-1.17157	0.792572	0.925282	-1.08075	0.734827	1.10536	1.10536	3.82075	5.25368	1.22226	1
cg02702444	KAL1	0.0467407	0.523071	1.52227	1.52227	0.81284	0.857285	-1.16647	0.0433482	0.221217	-4.52044	0.413429	0.581096	-1.72089	0.00167968	0.0541583	-18.4644	0.19499	2.43502	2.43502	0.508146	0.646722	-1.54626	0.636479	0.734117	-1.36218	0.537248	0.66658	-1.5002	3.47565	23.2018	5.9338	1
cg18396832	KAL1;KAL1	1.47E-06	0.00463733	0.458455	-2.18124	3.03E-07	22.3062	22.3062	1.48E-07	30.0788	30.0788	0.00245647	2.39265	2.39265	0.0267805	1.72172	1.72172	0.00406088	0.449846	-2.22298	0.072889	0.660808	-1.5133	0.00549863	2.12937	2.12937	0.44617	1.17445	1.17445	66.4797	45.1497	0.603689	1
cg06218523	KALRN	0.00112344	0.587159	0.916118	-1.09156	0.802003	1.04097	1.04097	0.000528088	0.421964	-2.36987	0.0695524	1.38318	1.38318	0.000940885	0.454541	-2.20002	0.0764407	0.729809	-1.37022	0.000167262	0.359098	-2.78476	0.890998	0.978326	-1.02215	0.0747434	0.728176	-1.37329	11.3837	4.6044	0.359531	1
cg02764852	KALRN	0.00932954	0.847739	0.967146	-1.03397	0.560682	0.902809	-1.10765	0.00047034	0.384779	-2.5989	0.300455	1.20499	1.20499	0.0933009	0.725554	-1.37826	0.988454	1.00252	1.00252	0.021503	1.61598	1.61598	0.214232	1.25515	1.25515	0.129831	0.75248	-1.32894	6.04293	2.89057	0.425191	1
cg05469885	KALRN;KALRN	1.29E-06	0.00190961	0.519819	-1.92374	2.30E-07	10.095	10.095	0.0330145	1.44922	1.44922	0.0078939	1.66054	1.66054	0.000336183	0.422967	-2.36425	0.000716001	2.15233	2.15233	3.03E-07	9.31258	9.31258	0.00455687	1.75467	1.75467	0.000161292	2.60859	2.60859	68.7052	24.1005	0.311806	1
cg07225857	KALRN;KALRN	4.22E-06	0.000781723	0.520969	-1.9195	2.25E-06	4.4068	4.4068	0.929684	0.988736	-1.01139	0.0634013	1.30726	1.30726	8.79E-05	0.405728	-2.46471	0.00101401	1.86965	1.86965	1.44E-06	4.8211	4.8211	0.0240242	1.41269	1.41269	0.000395431	2.06304	2.06304	50.7171	13.2322	0.231914	1
cg04807106	KALRN;KALRN	1.36E-05	0.0187558	0.584261	-1.71156	1.45E-06	10.0774	10.0774	0.84291	0.963252	-1.03815	0.0648936	1.47872	1.47872	0.00167721	0.428402	-2.33426	0.00183549	2.30499	2.30499	9.57E-06	6.0483	6.0483	0.12939	1.36232	1.36232	0.000340155	2.97154	2.97154	37.4616	21.1256	0.501268	1
cg16992277	KALRN;KALRN	0.000121924	6.40E-05	0.311651	-3.20872	0.387259	0.868868	-1.15092	0.000184525	0.367125	-2.72387	0.0638817	0.718668	-1.39146	1.65E-05	0.245271	-4.07713	0.0171052	1.58565	1.58565	0.555501	1.0992	1.0992	0.897311	1.02069	1.02069	0.974161	0.994876	-1.00515	20.9952	8.36518	0.354162	1
cg23440058	KALRN;KALRN	0.00013111	0.0190948	0.425029	-2.35278	9.50E-06	17.8096	17.8096	0.430407	1.27476	1.27476	0.100081	1.72197	1.72197	0.0104621	0.378312	-2.64332	0.00546504	3.01065	3.01065	0.000169327	6.8865	6.8865	0.0496359	1.96504	1.96504	0.0129918	2.53384	2.53384	20.5895	29.6665	1.28076	1
cg20130098	KALRN;KALRN	0.000613015	0.518429	0.909298	-1.09975	5.38E-05	0.334942	-2.98559	0.00271835	0.548101	-1.82448	0.579101	0.921846	-1.08478	0.902139	0.982293	-1.01803	0.128327	1.26965	1.26965	0.00103093	2.02629	2.02629	0.55882	1.08965	1.08965	0.0472832	0.719178	-1.39048	13.5028	4.51085	0.296949	1
cg11336987	KALRN;KALRN	0.000710357	0.0543796	0.686492	-1.45668	0.0394774	1.50747	1.50747	7.73E-05	0.291296	-3.43293	0.176481	0.780663	-1.28096	0.572406	0.906379	-1.10329	0.00466424	0.522934	-1.91229	0.000989458	2.32429	2.32429	0.85699	0.969394	-1.03157	0.38131	0.856642	-1.16735	12.9575	6.09375	0.418034	1
cg20570458	KALRN;KALRN	0.000784807	0.0101063	0.448184	-2.23122	0.000174394	0.206951	-4.83207	0.00454151	0.392619	-2.547	0.701207	0.909063	-1.10003	0.000242761	0.222964	-4.48503	0.00482867	0.396724	-2.52065	0.00116395	0.307496	-3.25207	0.858567	1.0451	1.0451	0.00617452	0.413432	-2.41878	12.5999	12.2041	0.860968	1
cg10518475	KALRN;KALRN	0.0022149	0.415646	1.32998	1.32998	0.0284018	2.42708	2.42708	0.00832419	0.314758	-3.17704	0.0238775	2.51923	2.51923	0.0014404	0.206213	-4.84935	0.258263	0.667435	-1.49827	0.00315791	3.98499	3.98499	0.632972	1.17928	1.17928	0.0339202	0.427963	-2.33665	9.35878	17.4127	1.65385	1
cg16919675	KALRN;KALRN	0.00272093	0.0328057	0.77938	-1.28307	0.244418	0.88554	-1.12925	0.903798	0.988003	-1.01214	0.290404	0.896259	-1.11575	0.404181	1.08894	1.08894	0.511818	1.06867	1.06867	8.20E-05	2.03096	2.03096	0.137371	0.85238	-1.17319	0.0733612	0.8193	-1.22055	8.80927	1.39021	0.140278	1
cg26052377	KALRN;KALRN	0.00841035	0.902741	0.966422	-1.03474	0.267254	0.724046	-1.38113	0.107382	0.612035	-1.63389	0.31494	1.33685	1.33685	0.000586057	0.226622	-4.41264	0.376931	0.776228	-1.28828	0.00684505	0.375857	-2.66058	0.0525726	1.85102	1.85102	0.591023	1.16364	1.16364	6.2449	7.7201	1.09887	1
cg14559160	KALRN;KALRN	0.00987399	0.788779	0.968667	-1.03235	0.0127137	0.692735	-1.44355	0.135014	0.826111	-1.21049	0.0764426	0.791621	-1.26323	0.0090402	0.674751	-1.48203	0.42178	1.10218	1.10218	0.00628604	1.52505	1.52505	0.153146	1.19886	1.19886	0.126711	1.21635	1.21635	5.93463	1.32118	0.197887	1
cg05980111	KALRN;KALRN	0.0104355	0.0163111	0.386732	-2.58577	0.0256199	0.42411	-2.35788	0.0437667	0.472468	-2.11654	0.029735	0.43709	-2.28786	0.00305908	0.269239	-3.71418	0.142059	0.600121	-1.66633	0.00108141	0.209923	-4.76366	0.902893	0.961284	-1.04028	0.0685164	0.517015	-1.93418	5.83045	9.66362	1.47328	1
cg14688451	KALRN;KALRN	0.0149812	0.448687	0.810996	-1.23305	0.189471	1.4581	1.4581	0.94813	1.01781	1.01781	0.828227	1.06073	1.06073	0.0252798	0.485913	-2.05798	0.00070795	0.246584	-4.05541	0.175205	0.676251	-1.47874	0.131703	1.55506	1.55506	0.166377	0.670047	-1.49243	5.18285	6.04336	1.03647	1
cg05766129	KALRN;KALRN	0.0168459	0.0833496	0.629705	-1.58805	0.346141	1.26377	1.26377	0.00125138	0.320706	-3.11812	0.184845	0.71225	-1.404	0.00738953	0.434831	-2.29974	0.669566	1.10913	1.10913	0.604103	0.881426	-1.13453	0.997495	1.00076	1.00076	0.0319579	0.545291	-1.83388	4.98463	4.59614	0.819611	1
cg04816013	KALRN;KALRN	0.0214855	0.00898357	0.391601	-2.55362	0.771949	1.08546	1.08546	0.00141789	0.271662	-3.68105	0.0826467	0.581358	-1.72011	0.102195	0.603676	-1.65652	0.0198013	0.452049	-2.21215	0.129099	0.629536	-1.58847	0.435926	0.799083	-1.25143	0.106938	0.608583	-1.64316	4.59101	5.78974	1.12098	1
cg26849111	KALRN;KALRN	0.0241747	0.385989	0.779051	-1.28361	0.3382	0.757775	-1.31965	0.00127935	0.267296	-3.74117	0.379744	0.776354	-1.28807	0.0430553	0.519955	-1.92324	0.061357	0.553108	-1.80796	0.69453	0.895042	-1.11727	0.1007	1.65718	1.65718	0.0593835	0.549959	-1.81832	4.40831	5.51064	1.11116	1
cg07011093	KALRN;KALRN	0.0251323	0.0663996	0.601268	-1.66315	0.00819325	2.30699	2.30699	0.49852	0.843851	-1.18504	0.283074	0.75912	-1.31731	0.00598657	0.411607	-2.4295	0.164343	0.693068	-1.44286	0.277732	1.3217	1.3217	0.654142	1.11788	1.11788	0.662876	0.897278	-1.11448	4.34924	4.20575	0.859562	1
cg04915618	KALRN;KALRN	0.026224	0.895999	1.05015	1.05015	0.254376	1.56095	1.56095	0.0267328	0.374524	-2.67006	0.485255	0.766954	-1.30386	0.66695	0.850454	-1.17584	0.152568	0.563673	-1.77408	0.00122763	0.170517	-5.86453	0.245864	1.57475	1.57475	0.666227	1.17629	1.17629	4.28521	9.50077	1.97076	1
cg06205331	KALRN;KALRN	0.0283166	0.0407394	0.524568	-1.90633	0.0273541	2.04006	2.04006	0.227676	0.707608	-1.41321	0.911751	0.970174	-1.03074	0.00863166	0.400683	-2.49574	0.646407	1.13446	1.13446	0.111576	0.622931	-1.60532	0.100112	1.63568	1.63568	0.443682	1.23775	1.23775	4.17122	4.92789	1.05014	1
cg20714128	KALRN;KALRN	0.0286138	0.272017	0.88288	-1.13266	0.763217	0.96762	-1.03346	0.424262	0.914932	-1.09298	0.138794	1.18958	1.18958	0.0347692	1.30747	1.30747	0.304714	0.890656	-1.12277	0.00228288	1.59161	1.59161	0.684145	1.04557	1.04557	0.155644	0.847459	-1.18	4.15588	0.781214	0.167092	1
cg10178498	KALRN;KALRN	0.0428584	0.0267162	0.713732	-1.40109	0.183599	0.834239	-1.1987	?	?	?	0.475345	1.09773	1.09773	0.00277097	0.588548	-1.6991	0.181478	0.833416	-1.19988	0.541105	1.08272	1.08272	0.326625	0.87801	-1.13894	0.344366	0.88239	-1.13329	3.64563	0.846966	0.232323	1
cg19522900	KALRN;KALRN	0.0454191	0.218702	0.823364	-1.21453	0.369669	1.14845	1.14845	0.833385	1.03215	1.03215	0.00464989	0.568055	-1.76039	0.509408	0.904341	-1.10578	0.0123567	0.626282	-1.59672	0.0332168	0.687991	-1.45351	0.802496	0.963048	-1.03837	0.475272	0.896665	-1.11524	3.5133	1.25592	0.317757	1
cg22376833	KALRN;KALRN	0.0498541	0.107025	0.786235	-1.27188	0.500843	0.910831	-1.0979	0.451951	0.900549	-1.11043	0.201641	0.831676	-1.20239	0.209459	0.834585	-1.1982	0.456778	1.10915	1.10915	0.00468069	1.67185	1.67185	0.785717	1.03795	1.03795	0.0783847	0.765468	-1.30639	3.3919	1.00375	0.263044	1
cg07586984	KALRN;KALRN;KALRN	0.000535459	0.429944	1.24813	1.24813	0.180888	1.4782	1.4782	0.0177783	0.452559	-2.20966	0.0793022	1.70898	1.70898	0.164615	1.50364	1.50364	0.546154	1.18297	1.18297	3.40E-05	9.10147	9.10147	0.000172696	5.78285	5.78285	0.0208564	2.14907	2.14907	14.0212	16.8065	1.06547	1
cg00198586	KALRN;KALRN;KALRN	0.00584244	0.0120831	0.37643	-2.65654	0.959441	0.984247	-1.016	0.00414119	0.301124	-3.32089	0.0999146	0.569553	-1.75576	0.000756564	0.203034	-4.92529	0.0636015	0.52144	-1.91777	0.00305387	0.28173	-3.54949	0.0787508	0.543586	-1.83964	0.0116332	0.373555	-2.67698	6.99635	10.8019	1.37238	1
cg12144803	KALRN;KALRN;KALRN	0.0180521	0.00548375	0.119108	-8.39575	0.0613334	0.292784	-3.41548	0.0231206	0.205468	-4.86695	0.200927	0.455199	-2.19684	0.0654466	0.299755	-3.33606	0.00785678	0.137063	-7.29592	0.00685079	0.129973	-7.69389	0.482855	1.51519	1.51519	0.0858868	0.330914	-3.02193	4.87039	26.1866	4.77929	1
cg13549966	KALRN;KALRN;KALRN	0.0244021	0.819012	1.0579	1.0579	0.0445396	0.56751	-1.76208	0.015934	0.484406	-2.06439	0.0702678	1.64363	1.64363	0.776396	1.07243	1.07243	0.0805173	1.60967	1.60967	0.0235896	1.94227	1.94227	0.997868	0.999344	-1.00066	0.0698779	0.607891	-1.64503	4.39403	4.19669	0.848968	1
cg25184248	KALRN;KALRN;KALRN	0.0281374	0.00897006	0.163963	-6.09894	0.381652	0.613747	-1.62934	0.0481282	0.292614	-3.41747	0.348187	0.591271	-1.69127	0.107545	0.384596	-2.60013	0.00747332	0.153548	-6.51263	0.00975881	0.168966	-5.91835	0.351808	1.68425	1.68425	0.130097	0.410835	-2.43407	4.18057	19.5986	4.16713	1
cg05121182	KALRN;KALRN;KALRN	0.0363852	0.218951	0.781418	-1.27972	0.823173	1.04362	1.04362	0.0173574	0.575401	-1.73792	0.853336	0.965313	-1.03593	0.695775	0.927774	-1.07785	0.455211	0.864936	-1.15615	0.00283667	2.19025	2.19025	0.284137	1.23648	1.23648	0.941365	0.986065	-1.01413	3.81305	2.19777	0.512339	1
cg24323597	KALRN;KALRN;KALRN	0.0410925	0.147645	0.429668	-2.32738	0.00337824	0.11446	-8.7367	0.017186	0.20622	-4.84919	0.828349	0.888631	-1.12533	0.107379	0.384589	-2.60018	0.0974275	0.371951	-2.68853	0.126243	0.406748	-2.45852	0.298287	1.79726	1.79726	0.871051	0.915453	-1.09236	3.6467	17.0774	4.16264	1
cg01424241	KANK1	0.000692585	0.0557206	0.713066	-1.40239	0.222723	1.22127	1.22127	0.586863	1.08936	1.08936	0.3695	0.86608	-1.15463	0.0184164	1.56221	1.56221	0.0603672	0.718625	-1.39155	7.40E-05	3.07575	3.07575	0.0904017	1.33787	1.33787	0.000275195	2.53273	2.53273	13.0498	5.02993	0.342614	1
cg14015337	KANK1	0.0313949	0.42105	0.854596	-1.17014	0.111726	0.718121	-1.39252	0.424247	0.855558	-1.16883	0.472926	0.869753	-1.14975	0.582886	0.899406	-1.11185	0.510144	0.880111	-1.13622	0.362443	0.83616	-1.19594	0.000971714	2.55568	2.55568	0.67977	0.923722	-1.08258	4.02123	2.32721	0.514428	1
cg13883479	KANK1	0.0400624	0.0861899	0.396683	-2.52091	0.00563816	0.170019	-5.88169	0.0352891	0.302503	-3.30576	0.761621	0.862098	-1.15996	0.248087	0.554938	-1.802	0.126741	0.44682	-2.23804	0.0607079	0.356551	-2.80465	0.0837665	2.54298	2.54298	0.963953	0.9782	-1.02229	3.68102	13.8673	3.34866	1
cg13877502	KANK1;KANK1	0.0180079	0.027427	0.153385	-6.51956	0.204509	0.382057	-2.61741	0.99095	0.991882	-1.00818	0.117705	0.294942	-3.39049	0.0104743	0.0987257	-10.1291	0.656296	0.72478	-1.37973	0.00061409	0.0225748	-44.2972	0.234287	0.408199	-2.44979	0.137601	0.316919	-3.15538	4.87441	39.869	7.27045	1
cg03358592	KANK1;KANK1	0.0412481	0.0272387	0.371288	-2.69333	0.144766	0.5522	-1.81094	0.792103	0.904694	-1.10535	0.0750882	0.471652	-2.12021	0.0224955	0.354766	-2.81876	0.674361	1.17378	1.17378	0.00277558	0.209274	-4.77842	0.633047	0.833289	-1.20006	0.47685	0.760141	-1.31555	3.64161	8.2911	2.0238	1
cg26878688	KANK2	0.0032267	0.150469	1.5274	1.5274	0.139217	1.54864	1.54864	0.159463	0.661542	-1.51162	0.901896	1.03447	1.03447	0.000688563	0.2407	-4.15456	0.612892	0.869171	-1.15052	0.000421538	0.215303	-4.64462	0.934381	1.02289	1.02289	0.034553	0.507956	-1.96867	8.37469	10.0179	1.0633	1
cg04319218	KANK2	0.0236753	0.0785009	0.701576	-1.42536	0.0704057	1.44303	1.44303	0.37993	0.849298	-1.17744	0.717914	1.068	1.068	0.0838614	0.706855	-1.41472	0.0312522	0.632337	-1.58144	0.0291771	0.627438	-1.59378	0.324513	0.831505	-1.20264	0.0150288	1.71956	1.71956	4.44028	2.31293	0.46302	1
cg27288936	KANK2	0.0365194	0.859478	1.02921	1.02921	0.0458954	0.689522	-1.45028	0.506268	1.11579	1.11579	0.953025	0.990475	-1.00962	0.107594	0.751792	-1.33016	0.027279	0.654169	-1.52866	0.00602365	0.55824	-1.79134	0.346745	1.17048	1.17048	0.161139	1.27525	1.27525	3.80795	1.59183	0.37158	1
cg20953257	KANK2;KANK2	0.00012153	0.00232313	0.608109	-1.64444	0.154743	0.836848	-1.19496	0.000454585	0.524113	-1.90799	0.0814327	0.797821	-1.25341	9.99E-06	0.329888	-3.03133	0.0206868	0.721936	-1.38516	0.000116944	0.45421	-2.20162	6.33E-05	0.422746	-2.36549	0.0248776	0.731803	-1.36649	21.0135	4.55168	0.19254	1
cg09966038	KANK2;KANK2	0.000229106	0.200767	0.718867	-1.39108	0.826775	1.055	1.055	0.00886053	2.25641	2.25641	0.0328022	0.543369	-1.84037	8.32E-06	0.0931268	-10.738	0.736781	0.9209	-1.08589	0.000550158	0.269657	-3.70841	0.324406	1.28222	1.28222	0.0176622	0.494113	-2.02383	17.7057	16.7321	0.840011	1
cg25417529	KANK2;KANK2	0.00128087	0.0082734	0.334251	-2.99176	0.0286942	0.432785	-2.31061	0.00213658	0.246574	-4.05557	0.0580967	0.499013	-2.00395	0.000220341	0.135632	-7.37291	0.0362326	0.453702	-2.20409	0.000129329	0.115476	-8.65981	0.0732497	0.522935	-1.91228	0.0118233	0.360546	-2.77357	10.9655	18.2923	1.48282	1
cg22299694	KANK2;KANK2	0.00166067	0.379981	0.863119	-1.15859	0.727236	0.94437	-1.05891	0.00561821	0.552002	-1.81159	0.125714	0.76274	-1.31106	6.67E-05	0.302828	-3.30221	0.000552913	0.416321	-2.402	0.0456966	0.687663	-1.4542	0.989455	1.00216	1.00216	0.0958721	0.741605	-1.34843	10.1764	4.3059	0.376111	1
cg22626506	KANK2;KANK2	0.00290745	0.00218809	0.444065	-2.25192	0.108944	0.718719	-1.39136	0.000191764	0.305154	-3.27703	0.0082532	0.528211	-1.89318	0.0071717	0.518994	-1.9268	0.00897426	0.533746	-1.87355	0.563861	0.895625	-1.11654	0.00949674	0.537503	-1.86045	0.135567	0.737923	-1.35516	8.63808	4.88344	0.502523	1
cg15506281	KANK2;KANK2	0.00546172	0.0113849	0.621014	-1.61027	0.619886	1.0781	1.0781	0.00379615	0.555879	-1.79895	0.696149	0.942686	-1.0608	0.025218	0.67015	-1.4922	0.037634	1.43717	1.43717	0.465727	1.11811	1.11811	0.00887632	0.606021	-1.65011	0.00444976	0.565151	-1.76944	7.14285	2.55862	0.318406	1
cg22807822	KANK2;KANK2	0.00572555	0.117491	0.618757	-1.61614	0.918275	0.971437	-1.0294	0.0438041	0.519825	-1.92372	0.0148641	0.429158	-2.33014	0.000162245	0.162429	-6.15654	0.00739111	0.377386	-2.6498	0.026966	0.477306	-2.09509	0.159728	0.6543	-1.52835	0.140708	0.639278	-1.56426	7.04004	8.88879	1.12232	1
cg23948443	KANK2;KANK2	0.0103175	0.00610171	0.616859	-1.62112	0.712101	0.951204	-1.0513	0.0497693	0.73931	-1.35261	0.0450563	0.733172	-1.36394	0.000311132	0.454112	-2.2021	0.116848	0.794588	-1.25851	0.523141	0.916368	-1.09126	0.0840439	0.772596	-1.29434	0.103962	0.786678	-1.27117	5.85176	1.68814	0.25643	1
cg25713411	KANK2;KANK2	0.0201004	0.567569	0.89093	-1.12242	0.893257	0.973522	-1.0272	0.0121742	0.535528	-1.86732	0.114898	0.709873	-1.4087	0.000910824	0.371103	-2.69467	0.0686755	0.665438	-1.50277	0.319337	1.22838	1.22838	0.951613	0.987944	-1.0122	0.828492	1.04432	1.04432	4.69656	2.97176	0.562445	1
cg22595209	KANK2;KANK2	0.0273438	0.166939	0.786553	-1.27137	0.576769	1.09623	1.09623	0.823783	1.03701	1.03701	0.614564	0.920593	-1.08626	0.0365786	0.673119	-1.48562	0.713546	1.06192	1.06192	0.00205443	2.02915	2.02915	0.234091	0.816071	-1.22538	0.110579	1.32752	1.32752	4.22287	1.77575	0.373786	1
cg12087891	KANK2;KANK2	0.0275448	0.749068	0.945795	-1.05731	0.00946425	1.77004	1.77004	0.24827	1.23317	1.23317	0.3249	0.838172	-1.19307	0.189755	0.785692	-1.27276	0.00847668	1.79244	1.79244	0.0853696	1.39133	1.39133	0.14376	0.761271	-1.31359	0.458928	0.877257	-1.13992	4.21201	2.01163	0.424528	1
cg03357650	KANK2;KANK2	0.0320285	0.0102995	0.400921	-2.49426	0.19554	0.679083	-1.47257	0.269116	0.722255	-1.38455	0.130882	0.630552	-1.58591	0.00397767	0.334644	-2.98825	0.0208062	0.45538	-2.19597	0.831965	0.941697	-1.06191	0.0248206	0.469897	-2.12813	0.0702373	0.564314	-1.77206	3.99261	5.05412	1.12522	1
cg05589277	KANK2;KANK2	0.0346312	0.103693	0.667738	-1.49759	0.21079	1.34886	1.34886	0.0544646	0.60944	-1.64085	0.149147	0.703919	-1.42062	0.00230587	0.380401	-2.62881	0.706734	1.08957	1.08957	0.831354	1.04959	1.04959	0.0472727	0.597398	-1.67393	0.691182	0.913362	-1.09486	3.88197	3.16696	0.725165	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105 vs. N)	Fold-Change(105 vs. 1047)	p-value(111 vs. N)	Fold-Change(111 vs. 1047)	p-value(1127 vs. N)	Fold-Change(1127 vs. 111)	p-value(1121 vs. N)	Fold-Change(1121 vs. 1127)	p-value(1217 vs. N)	Fold-Change(1217 vs. 1121)	p-value(1477 vs. N)	Fold-Change(1477 vs. 1217)	p-value(1537 vs. N)	Fold-Change(1537 vs. 1477)	p-value(1537 vs. N)	Fold-Change(1537 vs. 1537)	p-value(5377 vs. N)	Fold-Change(5377 vs. 1537)	p-value(5637 vs. N)	Fold-Change(5637 vs. 5637)	Ratio(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg17107601	KANK2;KANK2	0.0381386	0.140029	-2.34288	2.90455	2.883121	0.473022	-2.11407	0.128009	0.331205	-3.01927	0.214693	0.415948	-2.40615	0.00181868	0.05096452	-19.6212	0.03435586	0.190599	-5.24663	0.013675	0.1298	-7.75204	0.144521	0.3340335	-2.82084	-2.67373	3.74814	26.773	6.34934	1
cg19628320	KANK3	3.24E-05	0.149945	0.711881	-1.40473	0.548604	0.165116	1.615516	0.0585702	0.6247	-1.60077	0.56031	0.878391	-1.13845	1.26E-05	0.132078	-7.57126	0.03814944	1.69743	1.69743	1.17E-05	0.129356	-7.73709	0.007799107	1.04881	3.04881	1.00033697	2.085078	-3.50782	29.84935	22.9142	0.682501	1
cg18457110	KANK3	6.84E-05	0.059326	0.529764	-1.88763	0.826378	1.06776	1.06776	0.000197342	0.15458	-6.46913	0.00136436	0.249833	-4.00268	5.85E-06	0.04785O7	-20.8983	0.000211901	0.157603	-6.34505	0.00253467	0.286347	-3.49227	0.000131171	0.113793	-7.25007	0.000305656	0.173735	-5.75588	24.5028	34.5634	1.25386	1
cg15755568	KANK3	7.22E-05	2.52E-05	0.144916	-6.90053	0.108259	1.51127	1.51127	0.000373282	0.261421	-3.82525	0.555291	0.15098	1.15098	5.30E-06	0.08783	-11.3873	0.00562554	0.424615	-2.35926	0.01747A6	0.595709	-1.97742	0.111269	0.0644414	-1.50508	0.00623207	0.431486	-2.31757	24.1524	21.3471	0.781962	1
cg02791851	KANK3	0.000137714	0.000486626	0.213333	-4.68752	0.0036922	0.329955	-3.03072	0.000194038	0.169962	-5.88368	4.29E-05	0.0896	0.000159142	0.182985	-5.46494	0.165794	0.658597	-1.51838	0.4168O2	1.26427	2.26427	0.396624	1.27798	1.27798	0.000181994	1.167155	-5.98249	20.3192	25.6963	1.12412	1
cg27209722	KANK3	6.26E-05	0.155198	-6.44138	0.000298863	0.226087	-4.42307	0.0467684	0.566281	-1.76591	0.000857393	0.282193	-5.54367	4.53E-05	0.142389	-7.02302	7.08E-05	0.160198	-6.24226	0.0237484	0.5056	-1.97785	0.0092247	0.4138832	-2.30504	0.0319146	0.529787	-1.88755	19.4708	19.6885	0.898827	1
cg19708659	KANK3	0.000217505	0.000499193	0.301863	-3.3127E	0.314629	0.795563	-1.25697	0.000151637	0.366182	-2.73088	0.00293953	0.40725	-2.45549	9.13E-05	0.214785	-4.65384	0.004668S1	0.437221	-2.28717	6.12E-05	0.196549	-5.08779	0.0362892	1.70809	1.70809	0.35025	0.8093395	-1.23549	17.9576	13.7578	0.681004	1
cg23181436	KANK3	0.000288349	0.0417808	1.79596	1.79596	0.0162236	0.323953	-3.08687	0.65186	0.825846	-1.21088	0.0905872	0.571554	-1.74352	0.743384	1.68543	1.68543	0.0268685	0.409364	-2.44521	0.5461	0.10842	-9.13907	0.0815277	0.473817	-1.6186	0.0009279	0.230035	-4.34717	16.5294	16.3987	0.87656	1
cg15112803	KANK3	0.000859596	0.00629456	0.202063	-4.99344	0.0133796	0.250482	-3.9923	0.00774867	0.213217	-4.69005	0.0279705	0.309329	-3.23281	0.0020083	0.140167	-7.13433	0.0236275	0.294892	-3.39108	0.7161-05	0.1368726	-26.5687	0.000499283	0.0853594	-11.7152	0.0024361S	0.1486006	-6.0726382	12.338	39.2555	2.87476	1
cg08341673	KANK3	0.001357S23	0.00190234	0.0838017	-11.9329	0.934628	0.948998	-1.05374	0.422144	0.592605	-1.68747	0.0155188	0.150433	-6.64749	0.0107824	0.129518	-7.72094	0.S13524	0.668036	-1.49692	0.0762589	0.284039	-3.52064	0.000136916	67.3371	67.3371	0.27397	2.06764	2.06764	10.7851	69.5534	5.73247	1
cg02886512	KANK3	0.001488T3	0.0770943	0.359344	-2.78211	0.0222523	0.845079	-1.18329	0.0002716	0.209796	-2.09796	0.0001154	0.0001	-9.99999	0.0001154	0.0001	-9.99999	0.0050997	0.856067	-1.16813	0.236205	0.133999	-7.46353	0.0011834	0.1485	-6.73571	1.42574	0.902424	0.816078	0.7287951	1
cg17686680	KANK3	0.001824T6	0.00322755	0.138491	-7.2207	0.00805985	0.18829	-5.31097	0.0301415	0.285216	-3.50611	0.0599008	0.350977	-2.84919	0.00121586	0.0973265	-10.2747	0.0286942	0.280936	-3.55953	0.00319944	0.0355547	-28.1257	0.0254026	0.270589	-3.69564	0.00582213	0.169194	-5.91036	9.00246	37.9623	3.40767	1
cg16873725	KANK3	0.0054552	0.0181826	0.379855	-2.63259	0.0737824	1.16212	1.16212	0.96539	0.44353	0.760764	-1.31439	0.886979	0.954565	-1.0476	0.0887016	0.323274	-3.09335	0.660906	0.863802	-1.15767	0.0024222	0.235514	-4.24964	0.0109869	0.38318	-2.60974	0.00165417	0.218168	-4.58363	7.14547	12.9389	1.60958	1
cg12717980	KANK3	0.00550538	0.512082	2.759533	-1.5166	0.144972	0.287361	-3.47994	0.0584937	0.613029	-2.42114	0.0446542	0.385354	-2.59501	0.00840302	0.248449	-4.02498	0.0219759	0.320878	-3.11645	0.000371146	0.0947625	-10.5527	0.00280791	0.38213	-5.4906	0.0550155	0.406572	-2.45959	7.12542	19.3101	2.40892	1
cg12244581	KANK3	0.0150105	0.390216	1.41706	1.41706	0.100976	0.26336	-3.20224	0.955678	0.978235	-1.02225	0.428404	1.37726	1.37726	0.0392129	1.99666	1.99666	0.891165	1.6553	1.0557	0.556671	0.790278	-1.26538	0.0004246249	10.9967	10.9967	0.087149	2.11244	2.11244	5.17949	12.8587	2.20676	1
cg27081821	KANK3	0.0160126	0.0860072	0.434914	-2.29885	0.0179168	0.707168	-1.06704	0.308265	0.778484	-1.28477	0.0135966	0.176826	-5.66238	0.0011276	0.168502	-5.93196	0.0005255	0.1492O8	-6.70125	0.0001228	0.181239	-5.51838	0.0003682	1.85877	0.855944	1.04447	1.04447	0.770613	0.932388	-1.07252	4.77329	8.34439	0.807157	1
cg25722880	KANK3	0.0197378	0.0406748	0.222147	-4.50152	0.195427	0.418248	-2.39093	0.134574	0.358072	-2.79273	0.303851	0.507673	-1.96977	0.00362591	0.0815972	-12.2553	0.2114T2	0.432578	-2.31172	0.0009763	0.0440504	-22.7013	0.1180T47	0.339461	-2.94584	0.1467E9	0.37106	-2.69498	4.72569	30.3302	5.70502	1
cg10208221	KANK3	0.0232085	0.899596	1.06911	1.06911	0.0437024	0.293017	-3.41277	0.0274646	0.255464	-3.91671	0.967797	1.00813	1.00813	0.0155972	0.208035	-4.80593	0.0268685	0.249582	-4.0067	0.00677309	0.155982	-6.411	0.0162895	0.21115	-4.73597	0.038887	0.283078	-3.54637	4.47092	19.8463	3.94576	1
cg07441349	KANK3;KANK3	0.0259003	0.636999	0.309177	-3.2999	0.0112659	0.529446	-1.88872	0.305396	0.684495	-1.46124	0.236387	0.107694	-9.28655	0.0044529	0.429955	-2.32663	0.0091731	0.69623	-1.43631	0.0110093	0.527676	-1.89438	0.0174691	1.78516	1.78516	0.171989	0.747343	-1.33807	4.2678	2.71206	0.546862	1
cg09275406	KANK4	9.31E-05	0.832541	0.9696	-1.03135	0.272248	1.1813	1.1813	0.954482	1.00762	1.00762	0.197351	1.2198	1.2198	0.0699154	0.744177	-1.34377	0.00182592	0.524248	-1.90749	1.17E-06	0.159579	-6.26651	0.632522	1.07277	1.07277	0.04884498	0.720382	-1.38815	22.5685	7.59797	0.299256	1
cg00625425	KANK4	0.00177911	0.0087398	0.384368	-2.60107	0.0256606	1.12566	1.12566	0.0133202	0.487515	-2.05122	0.503971	1.22423	1.22423	0.0001664	0.159403	-6.27482	0.0087136	0.239419	-4.1787	0.148122	0.644143	-1.55082	0.17523	0.3488O7	-1.54129	0.0303699	0.482629	-2.07198	9.9755	13.5941	1.41541	1
cg09353705	KANK4	0.00919441	0.0128436	0.435333	-2.29709	0.0143325	0.44367	-2.25393	0.354837	0.773991	-1.292	0.167308	0.672871	-1.48617	0.0358215	0.518226	-1.92966	0.0898184	1.65616	1.65616	0.00236622	0.319439	-3.13049	0.0146O3	0.445245	-2.24596	0.016294	0.453568	-2.20474	6.07103	6.9656	1.01987	1
cg05982751	KANK4	0.0124767	0.3923B3	1.27514	1.27514	0.0185963	0.975506	-1.02924	0.641481	1.15581	-1.0877	0.180795	0.777519	-1.28634	0.0019262	0.450043	-2.22201	0.0291745	0.300687	-3.32571	0.005360291	0.180038	-5.55438	0.1513O3	0.487286	-2.05218	0.158191	0.493933	-2.02458	5.21362	18.0499	3.07739	1
cg13397275	KANK4	0.0147152	0.00694358	0.195322	-5.11976	0.00255014	0.141266	-7.07884	0.0254789	0.289004	-3.46016	0.0647954	0.379206	-2.63709	0.985524	1.00852	1.00852	0.0077T1	0.976677	-1.02074	0.750207	1.05822	1.05822	0.0913173	0.6057368	-1.6508	0.0931846	0.720945	-1.38707	4.75382	2.36318	0.441877	1
cg18348494	KANK4	0.0119353	0.131791	0.749608	-1.33403	0.609098	1.08952	1.08952	0.00236412	0.471762	-2.12197	0.0599133	0.686553	-1.45655	0.00625867	0.531975	-1.87769	0.0031215	0.513427	-1.9477	0.0944231	0.737307	-1.35626	0.4814E5	1.12595	1.12595	0.741427	0.818253	-1.22212	4.14362	1.88016	0.386812	1
cg16028201	KANK4;KANK4	0.0234913	0.145756	1.65706	1.65706	0.367667	1.34882	1.34882	0.292514	1.42353	1.42353	0.356329	1.35905	1.35905	0.859789	1.05884	1.05884	0.4059O6	0.759606	-1.31647	0.436033	1.29709	1.29709	0.00156036	0.229901	-4.3497	0.0271989	0.32866	3.22866	4.45227	7.37327	1.47206	1
cg09142647	KANK5	0.0020932	0.0034466	0.219566	-4.5108	0.0035997	0.372013	-2.6878	0.0005568	0.0645	-8.85553	-1.11663	0.0289851	-3.48334	1.51E-05	0.0041269	-24.2425	0.0006007O8	0.143269	-6.97988	0.0532641	0.4415S9	-2.2645	0.0016289S	0.25215	-4.43204	0.00687707	0.252135	-3.96545	20.3793	1.94092	0.095562	1
cg06963852	KANS;KANS	0.0346936	0.405208	0.262141	-1.15989	0.189339	0.784925	-1.27401	0.151264	0.615146	0.915499	-1.0923	0.0373437	1.0373437	0.0373452	1.52152	1.52152	0.0355616	1.17998	1.17998	0.353442	0.682436	-1.46534	0.120964	0.746104	-1.3403	0.00486562	0.521937	1.95745	2.78862	0.701894	1
cg01921773	KANS;KATS	0.0447949	0.384355	0.81942	-1.22037	0.11908	0.685424	-1.45895	0.0257678	0.553637	-1.80624	0.00372886	0.417021	-2.39796	0.826154	0.952169	-1.05023	0.6963B2	1.09151	1.09151	0.915175	0.97649	-1.02408	0.0793801	0.64738	-1.54469	0.0233466	0.546033	-1.83139	3.53156	2.78862	0.701894	1
cg05707001	KANS;KATS;KARS;KARS;TERF2IP;KARS	0.0189469	0.40651	1.2109	1.2109	0.0856247	0.185606	-5.3906	0.0135	0.33255	-3.00732	0.0489715	0.129472	-7.72556	0.0031842	0.0966804	-10.3455	0.0001664	0.159403	-6.27482	0.0087136	0.239419	-4.1787	0.1481T2	0.487286	-2.05218	0.158191	0.493933	-2.02458	5.21362	18.0499	3.07739	1
cg26812503	KANS;KARS;TERF2IP;KARS	0.0215824	0.283994	1.1922	1.1922	0.0268062	0.513335	1.51335	0.343118	1.16672	1.16672	0.642369	1.07666	1.07666	0.610493	0.922065	-1.08452	0.1111112	0.762202	-1.31144	0.00271133	0.515845	-1.93365	0.0369789	0.682069	-1.46513	0.63694	0.927558	-1.07798	4.58395	1.81119	0.351213	1
cg08585897	KATS;TERF2IP;KARS	0.021816	0.00844154	0.174466	-5.73247	0.0158963	0.595506	-1.67935	0.0259556	0.32924	-3.03756	0.0114877	0.0839372	-11.9073	0.0001883	0.0252909	-39.8998	0.0001664	0.159403	-6.27482	0.0087136	0.239419	-4.1787	0.1481T2	0.487286	-2.05218	0.158191	0.493933	-2.02458	5.21362	18.0499	3.07739	1
cg16155440	KARS;TERF2IP;KARS	0.0272141	0.0589942	1.34564	1.34564	0.104991	0.781417	-1.27973	0.435925	0.895241	-1.11702	0.00434407	0.588252	-1.69995	0.281549	1.16861	1.16861	0.0470015	1.37235	1.37235	0.582166	1.08044	1.08044	0.199251	1.20785	1.20785	0.329498	1.1504	1.1504	4.22992	1.29855	0.272882	1
cg02395326	KAT2A	0.0201396	0.0027911	0.42855	2.42855	0.172724	1.75719	1.75719	0.576933	0.802681	-1.24583	0.432826	0.731716	-1.36665	0.0419987	0.952458	-1.04997	0.0393459	0.387032	-2.58377	1.08E-07	0.14571	1.32775	1.32775	0.0699076	2.32245	2.32245	0.53159	11.1036	1.82846	1
cg04660411	KAT2A	0.0454581	0.0018826	0.3125	3.2000	0.0141396	0.262322	-3.81127	0.0242924	0.364208	-2.74423	0.0422	0.56408	-1.77248	0.418867	1.36958	1.36958	0.0035092	0.3058	-3.27025	0.0001	0.14571	1.74823	0.0001	0.1809	-5.5283	0.0001	0.1809	-5.5283	0.0001	0.1809	-5.5283	1
cg05184586	KAT2A;DHX58	0.0033881	0.00384426	0.307293	-3.25422	0.0148154	0.479555	0.479555	0.0175596	0.416752	-2.39951	0.473553	0.801893	-1.24705	4.52E-05	0.0966165	-10.3502	0.59659	1.17562	1.17562	0.000155823	0.1407	-7.10733	0.319848	1.36526	1.36526	0.0261509	0.449688	-2.22376	15.9106	23.1166	1.29147	1
cg08366095	KAT2A;DHX58	0.018896	0.0004695	0.2381	4.19916	0.0052352	0.329388	3.03588	0.0175888	0.257482	-3.88388	0.102159	0.532894	1.87588	0.0552763	0.25094	-3.98504	0.1126321	0.329787	-3.03237	0.0041574	0.0415154	-24.055	0.0011335	0.280204	-3.56883	0.0148349	0.0439868	0.821475	-1.21753	12.5549	25.033	1.81858	1
cg07991479	KAT2A;DHX58	0.0019518	0.0174451	0.313102	-3.19385	0.0157532	0.27819	-3.59371	0.0178911	0.275624	-3.62898	0.0418542	0.638448	-1.56591	0.0630838	0.963093	-1.03826	0.5943245	0.801904	-1.24781	0.685004	1.18289	1.18289	0.138577	1.92839	1.92839	0.4727T9	0.740224	-1.35094	5.24724	14.0967	2.388	1
cg07640354	KAT2A;DHX58	0.0144312	0.0238524	0.329387	-3.03594	0.839129	1.08732	1.08732	0.840335	0.920278	-1.08663	0.604073	0.806174	-1.24043	0.000369564	0.0955946	-10.4608	0.5943245	0.801904	-1.24781	0.685004	1.18289	1.18289	0.138577	1.92839	1.92839	0.4727T9	0.740224	-1.35094	5.24724	14.0967	2.388	1
cg19150497	KAT2A;HSPB9	0.0022626	0.0012604	0.248541	-4.02488	0.0052722	0.157357	-6.35572	0.0042818	0.127428	-7.84571	0.0017663	0.889202	-1.12439	0.0001664	0.159403	-6.27482	0.0087136	0.239419	-4.1787	0.148122	0.644143	-1.55082	0.17523	0.3488O7	-1.54129	0.0303699	0.482629	-2.07198	9.9755	13.5941	1.41541	1
cg07727614	KAT2B	0.00274955	0.0796882	1.18341	1.18341	0.0221906	0.26795	-3.73265	0.0176	0.260585	-3.84019	0.0001	0.00148	0.0001	0.00148	0.0001	0.00148	0.0020857	0.708095	-1.41275	0.0005202	0.63624	-1.60169	0.512166	0.05925	0.05925	0.0696016	0.1921	1.1921	0.78207	1.04276	0.105544	1
cg18490556	KAT2B	0.0222151	0.0032231	0.2	5	0.0021	0.0038	0.0038	0.0038555	0.0155	0.0155	-3.25735	0.0134771	0.0134771	0.0134771	0.0134771	0.0134771	0.0488096	1.12696	1.12696	0.0023743	0.0399	-1.88995	0.0478636	0.8899995	-1.12396	-1.11122	0.0020385S	0.1524463	0.6614E	1.66	0.1524463	1
cg04371528	KAT2B	0.020614	0.0902169	0.59762	-1.6733	0.114984	0.28103	2.28103	0.0485687	1.86117	1.86117	0.714428	1.10664	1.10664	0.00505709	0.359864	-2.77883	0.7223S4	1.10337	1.10337	0.0735012	0.5768S5	-1.73354	0.862662	1.0489	1.0489	0.927831	1.02529	1.02529	4.6564	5.60604	1.07017	1
cg02525468	KAT2B	0.0458466	0.597555	-1.67332	0.0135	0.0135	0.125563	2.13563	0.0133	0.133547	1.347	1.393	0.4914	0.4914	0.0485	0.887057	-1.11253	0.0060073S	0.142669	-6.97988	0.0532641	0.441593	-2.2425	0.0016289S	0.25215	-4.43204	0.00687707	0.252135	-3.96545	20.3793	1.94092	0.095562	1
cg07339188	KAT2B	0.0167081	0.62494	1.12976	1.12976	0.159074	0.721239	-1.38647	0.0145	0.326449	-3.06326	0.138685	1.48394	1.48394	0.0032497	0.655322	-1.52615	0.0102641	0.42898	-2.33111	0.00092622	0.274182	-3.64722	0.0304075	0.51395	-1.94571	0.00154822	0.303954	-3.28997	14.6941	15.9273	0.963489	1
cg13137039	KAT5;KATS;KATS	0.000452179	0.158203	-6.32099	0.0200151	0.479839	-2.08403	0.0243352	0.495542	-2.01799	0.170757	0.682773	-1.46462	4.80E-05	0.135078	-7.40313	0.0102641	0.42898	-2.33111	0.00092622	0.274182	-3.64722	0.0304075	0.51395	-1.94571	0.00154822	0.303954	-3.28997	14.6941	15.9273	0.963489	1
cg04208492	KAT5;KATS;KATS	0.0140738	0.578421	1.13829	1.13829	0.0847774	0.19375	-5.1935	0.0135	0.329422	-3.03564	0.0131728	1.05072	1.05072	0.142749	0.871515	-1.14764	0.6711111	1.03586	1.03586	1.786-07	0.066501	-15.0433	0.8238376	-1.21377	0.2621631	0.908065	-1.10124	0.98704	1.1508	0.0957798	1
cg22114498	KAT5;KATS;KATS	0.0043369B	0.0973245	0.838487	-1.19262	0.0802135	0.781815	-1.27908	0.717954	1.02675	1.02675	0.0178404	0.723491	-1.38219	0.000467304	0.670031	-1.49247	0.0150213	0.804452	-1.24308	0.0180204	0.880274	-1.13601	0.0207331	0.816527	-1.2247	0.0204315	0.815977	-1.22552	7.66294	6.643049	0.0745926	1
cg00746079	KAT5;KATS;KATS	0.0074637	0.548185	0.8621	-1.15191	0.0209371	0.398304	-2.51012	0.0167162	0.506677	-1.97365	0.0729505	0.627805	-1.59285	0.0209324	0.523755	-1.90925	0.7349	0.929844	-1.08237	0.0077929	2.24006	2.24006	0.0237112	0.557507	-1.7937	0.0482319	0.576012	-1.73608	4.4901	0.762634	1
cg04726348	KAT5;KATS;KATS	0.009057T2	0.00291433	0.470522	-2.12557	0.0218123	1.48472	1.48472	0.758214	1.09477	1.09477	0.744808	1.08979	1.08979	0.741482	0.998214	-1.00179	0.0021548S	0.282727	-3.53808	0.115289	1.56198	1.56198	0.717707	1.11234	1.11234	0.00503T2	0.336947	0.963561	0.099988	3.83806	2.21061	1
cg04321396	KAT5;KATS;KATS	0.0187007	0.935754	1.0267	1.0267	0.0128278	0.745198	2.74598	0.0140808	0.269272	2.69272	0.603235	1.9985	1.9985	0.907017	1.03893	1.03893	0.749468	0.90058	-1.11044	0.2444S3	0.67168	-1.4888	0.622281	1.1762	1.1762	0.178811	6.30734	1.50385	1	
cg18896539	KAT5;KATS;KATS;KATS;KATS	0.0004473B	0.358337	0.790383	1.26535	0.0137173	0.179538	3.57538	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg06133722	KAT5;RNASEH2C;KATS;KATS	0.00591235	0.0020904	0.285696	-3.50023	0.818078	0.93551	-1.06894	0.0226928	2.2017	2.2017	0.0146399	0.419084	-2.38615	0.254941	0.708992	-1.41045	0.0016403Z	0.271279	-3.68624	0.230939	0.695172	-1.43849	0.594866	1.16801	1.16801	0.0760396	0.566038	-1.76667	6.97074	9.2424	1.17857	1
cg07600127	KAT5;KATS;KATS;KATS;KATNAL1	0.0294273	0.157774	1.44009	1.44009	0.0045342	0.414983	-2.40374	0.062364	0.621988	-1.60775	0.442347	1.19985	1.19985	0.027863	0.892603	-1.12032	0.0003195	0.179339	5.57774	7.47E-05	0.0425154	24.055	0.0001335	0.280204	-3.56883	0.0148349	0.0439868	0.821475	-1.21753	12.5549	25.033	1.81858	1
cg08538505	KATNAL1;KATNAL1	0.00387378	0.00258991	0.467642	-2.13839	0.157373	0.717192	-1.39433	0.0539883	0.636199	-1.57183	0.06436	0.65073	-1.53674	8.77E-05	0.223712	-4.27877	0.1180113	0.74505	-1.34219	0.137269	0.718267	-1.39224	0.386273	1.20157	1.20157	0.0632485	0.649273	5.14018	9.82868	1.36759	0.601763	1
cg17056062	KATNAL1;KATNAL1	0.00432492	0.00807566	0.28069	-3.56265	0.0770107	0.478852	-2.08833	0.00149132	0.179917	-5.55813	0.869262	1.06363	1.06363	0.000919352	0.156533	-6.38845	0.0120641	0.42898	-2.33111	0.00092622	0.274182	-3.64722	0.0304075	0.51395	-1.94571	0.00154822	0.303954	-3.28997	14.6941	15.9273	0.963489	1
cg20560691	KATNAL1;KATNAL1	0.0161095	0.0975561	-1.05063	0.0154734	0.410815	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6711111	1.03586	1.03586	1.78E-07	0.066501	-15.0433	0.8238376	-1.21377	0.2621631	0.908065	-1.10124	0.98704	1.1508	0.0957798	1
cg17045385	KATNAL1;KATNAL1	0.00749875	0.719751	0.943294	-1.06011	0.0789673	0.575739	-1.7369	0.156618	0.782311	-1.27826	0.565497	1.0987	1.0987	0.00507998	0.4239	-2.35905	0.0861277	0.997187	-1.00282	0.0323565	0.521636	-1.91704	0.486994	1.12123	1.12123	0.963943	1.00735	1.00735	4.40745	2.69167	0.369591	1
cg00557533	KATNAL1;KATNAL1	0.0146079	0.0289879	0.614154	-1.62803	0.0314254	0.770487	-1.29764	0.0230372	0.552648	-1.80973	0.0742426	0.00242275	0.229969	-4.34797	0.0304822	-3.28035	0.1190686	0.748661	0.748661	0.0179943	0.370783	-1.02989	0.0764256	0.2705206	0.2705206	0.0881887	-1.13393	0.5257077	2.76616	0.814344	0.0706256	1
cg02781394	KATNAL1;KATNAL1	0.0178393	0.062846	-1.82525	-1.21175	0.215296	0.887197	-1.12715	0.156407	1.14926	1.14926	0.00172739	0.663497	-1.50717	0.307006	1.10191	1.10191	0.2553339	1.11513	1.11513	0.0214119	0.775951	-1.28874	0.399699	0.9239936	-1.08233	0.442417	1.07452	1.07452	4.88984	2.652146	0.118549	1
cg03796122	KATNAL1;KATNAL1	0.0215503	0.0735339	1.43825	1.43825	0.112611	0.730072	-1.36973	0.0260097	0.618	-1.61812	0.152866	1.32164	1.32164	0.0296536	0.627302	-1.59413	0.9282133	0.983702	-1.01657	0.0237388	1.63511	1.63511	0.505976	0.978706	-1.02176	0.0445056	1.52241	4.58629	2.41015	0.467121	1
cg18159740	KATNAL1;KATNAL1	0.0149579	0.0746493	1.61384	1.61384	0.0143471	0.72135	-1.38595	0.0194417	0.604177	-1.65477

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13426133	KBTBD7	0.0175767	0.0320814	0.63468	-1.5756	0.569758	0.901214	-1.10961	0.476941	1.1399	1.1399	0.0470646	0.662665	-1.50906	0.028061	0.625145	-1.59963	0.00577142	0.519479	-1.92501	0.0603282	1.46751	1.46751	0.0447153	0.658861	-1.51777	0.0440451	0.657743	-1.52035	4.91425	2.55155	0.461524	1
cg06755654	KBTBD7	0.0177684	0.668861	0.920005	-1.08695	0.115708	0.717961	-1.39283	0.0513756	1.53701	1.53701	0.4592	0.864124	-1.15724	0.569543	0.894599	-1.11782	0.455011	1.15888	1.15888	0.182518	1.3154	1.3154	0.827921	0.958694	-1.04309	0.000692082	0.366631	-2.72754	4.89639	2.91189	0.528623	1
cg09084477	KBTBD7	0.0350501	0.116798	0.521392	-1.91794	0.100445	0.502684	-1.98932	0.0611671	0.446468	-2.2398	0.98463	1.00739	1.00739	0.00318287	0.214476	-4.66253	0.124022	0.529076	-1.89009	0.0163204	0.325534	-3.07188	0.0204585	0.343863	-2.90813	0.122288	0.527261	-1.8966	3.86513	8.94231	2.05652	1
cg08467486	KBTBD7;KBTBD7	0.0044055	0.0108403	1.83885	1.83885	0.154283	0.748024	-1.33686	0.826537	1.04267	1.04267	0.0174243	1.73515	1.73515	0.000579775	0.36304	-2.75452	0.0251678	1.66017	1.66017	0.358122	1.19711	1.19711	0.201955	1.2924	1.2924	0.599302	1.1062	1.1062	7.62664	4.37793	0.51025	1
cg10137155	KBTBD8	0.000253783	0.000161325	0.475181	-2.10446	0.0566962	0.779485	-1.2829	0.136149	0.830718	-1.20378	0.324146	0.889048	-1.1248	0.00463246	0.647231	-1.54504	8.53E-06	0.326686	-3.06104	0.00555974	0.6566	-1.523	0.00100793	0.569146	-1.75702	0.364938	0.898061	-1.11351	17.2193	3.63772	0.187785	1
cg17699947	KBTBD8	0.00494039	0.272226	1.22541	1.22541	0.072618	0.700288	-1.42798	0.587959	0.907285	-1.10219	0.0101347	0.561635	-1.78051	0.252109	0.808324	-1.23713	0.000245888	0.340493	-2.93692	0.229143	1.25165	1.25165	0.14392	0.756344	-1.32215	0.0847975	1.40357	1.40357	7.3655	3.69055	0.445386	1
cg09411252	KBTBD8	0.005971	0.779581	0.958674	-1.04311	0.932813	1.01276	1.01276	0.124544	1.28423	1.28423	0.083327	0.749486	-1.33425	0.194913	0.813635	-1.22905	0.585312	0.920459	-1.08641	0.749599	0.952973	-1.04935	0.000161868	2.63436	2.63436	0.120235	0.77605	-1.28858	6.94955	2.49058	0.31856	1
cg07593852	KBTBD8	0.00788317	0.0558262	0.410779	-2.4344	0.154625	0.534933	-1.86939	0.031909	0.356125	-2.808	0.0731858	0.440209	-2.27165	0.0214234	0.321424	-3.11115	0.273155	0.626055	-1.5973	0.000235646	0.0818438	-12.2184	0.499909	0.754871	-1.32473	0.0064318	0.233308	-4.28617	6.37357	17.0216	2.37391	1
cg26376025	KBTBD8	0.0101067	0.0107623	0.443629	-2.25413	0.007604	0.41868	-2.38846	0.00209426	0.333552	-2.99803	0.506097	1.18664	1.18664	0.0495667	0.566491	-1.76525	0.15669	0.680963	-1.46851	0.021281	0.495522	-2.01807	0.0650025	0.591223	-1.69141	0.00709786	0.413842	-2.41638	5.89059	6.00234	0.905752	1
cg18304195	KBTBD8	0.0193436	0.0435763	0.519683	-1.92425	0.0465871	1.90186	1.90186	0.00989665	2.50744	2.50744	0.741693	1.09779	1.09779	0.972736	0.990406	-1.00969	0.586638	0.856536	-1.16749	0.0396864	0.511237	-1.95604	0.0150117	0.43028	-2.32407	0.466831	0.811509	-1.23227	4.75812	5.99587	1.12012	1
cg00483446	KBTBD8;KBTBD8	0.0301509	0.334501	1.15861	1.15861	0.384887	0.876542	-1.14085	0.859156	0.974071	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13319825	KCMF1	0.000128428	5.38E-05	0.161822	-6.17961	0.0273573	1.87987	1.87987	0.108456	1.52714	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02966236	KCMF1	0.000513937	0.859972	0.981552	-1.01879	0.123801	1.19216	1.19216	0.22763	1.14288	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26383753	KCMF1	0.000992977	0.365673	1.21102	1.21102	0.501411	0.86887	-1.15092	0.939417	1.01578	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19004538	KCMF1	0.00121292	0.159804	0.789006	-1.26742	0.000729767	0.444756	-2.24843	0.0031417	0.528891	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16353628	KCMF1	0.0122982	0.0334828	0.472418	-2.11677	0.513786	0.818831	-1.22125	0.939165	1.02331	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07002540	KCMF1	0.0129225	0.00323012	0.366821	-2.72613	0.0160432	0.479176	-2.08692	0.0206847	0.498848	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05318427	KCMF1	0.0224744	0.165219	0.754409	-1.32554	0.000532868	2.79131	2.79131	0.484065	0.873373	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24085438	KCMF1	0.0378256	0.142542	0.466314	-2.14448	0.0762005	0.38486	-2.59835	0.0922984	0.407891	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09713877	KCMF1;KCMF1	0.0027859	0.0506269	0.617461	-1.61954	0.00382743	0.430004	-2.32556	0.313167	1.25335	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04891086	KCNA1	0.000185782	0.651412	1.06647	1.06647	0.752701	0.95626	-1.04574	0.413828	0.888514	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06652199	KCNA1	0.00152218	0.00724183	0.735909	-1.35886	0.0140608	1.30774	1.30774	0.10396	1.17039	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11308277	KCNC2;KCNC2;KCNC2;KCNC2;KCNC2;KCNC2	0.000522039	0.601044	0.913267	-1.09497	0.403914	1.1582	1.1582	0.242261	1.23424	1.23424	0.525923	1.11686	1.11686	0.977783	1.0048	1.0048	0.728694	0.941878	-1.06171	0.833919	0.964538	-1.03677	4.21E-06	6.23309	6.23309	0.373557	1.17009	1.17009	14.1204	6.6132	0.416304	1
cg26074603	KCNC2;KCNC2;KCNC2;KCNC2;KCNC2;KCNC2	0.000712685	0.573376	1.17013	1.17013	0.543285	0.843749	-1.18519	0.310673	0.748514	-1.33598	0.724274	0.906828	-1.10274	0.309101	0.74776	-1.33733	0.0135822	0.430289	-2.32402	0.740284	1.09621	1.09621	1.13E-05	13.1359	13.1359	0.984464	1.00539	1.00539	12.9456	15.6343	1.0735	1
cg21500166	KCNC2;KCNC2;KCNC2;KCNC2;KCNC2;KCNC2	0.00329782	0.825797	1.03794	1.03794	0.159274	0.775615	-1.2893	0.413746	0.868364	-1.15159	0.126045	1.32263	1.32263	0.0780099	0.71835	-1.39208	0.239625	1.23122	1.23122	0.0561103	1.44118	1.44118	7.69E-05	3.35345	3.35345	0.415337	1.15101	1.15101	8.32043	3.76036	0.401727	1
cg02854695	KCNC3	0.000260453	0.41549	0.878439	-1.13838	0.124258	1.29589	1.29589	0.0116064	1.63454	1.63454	0.232381	0.82281	-1.21535	0.741717	1.05285	1.05285	0.0289142	0.669569	-1.4935	0.742228	0.949901	-1.05274	6.62E-06	4.75975	4.75975	0.00178488	1.99848	1.99848	17.0979	6.56691	0.341401	1
cg07643912	KCNC3	0.00504955	0.114781	0.78637	-1.27167	0.0163655	1.50867	1.50867	0.00463514	1.6952	1.6952	0.01287	0.648691	-1.54157	0.141556	1.24796	1.24796	0.678195	1.06021	1.06021	0.0080287	0.621294	-1.60954	0.660331	1.06393	1.06393	0.0284989	1.43651	1.43651	7.31653	2.27546	0.276447	1
cg13670833	KCNC3	0.0172026	0.013306	1.92514	1.92514	0.0255982	0.567583	-1.76186	0.110624	1.44956	1.44956	0.152979	1.38659	1.38659	0.911714	0.976592	-1.02397	0.113893	1.44385	1.44385	0.769584	1.06474	1.06474	0.108269	1.45379	1.45379	0.0098165	0.498022	-2.00794	4.94982	3.57534	0.642059	1
cg13378394	KCNC3	0.0243655	0.0349118	0.831177	-1.20311	0.359051	1.07351	1.07351	0.864111	0.987198	-1.01297	0.0398276	0.836316	-1.19572	0.201889	0.903604	-1.10668	0.515644	0.951626	-1.05083	0.0214824	0.812388	-1.23094	0.951285	1.00461	1.00461	0.00653754	1.30444	1.30444	4.39631	0.393965	0.0796556	1
cg16665234	KCNC3	0.032256	0.665614	1.42381	1.42381	0.565231	1.60388	1.60388	0.222846	0.35313	-2.83182	0.87084	0.876139	-1.14137	0.0550518	0.170726	-5.85735	0.653169	0.692411	-1.44423	0.000694266	0.0149089	-67.0742	0.905766	0.90825	-1.10102	0.251187	0.377477	-2.64917	3.9825	41.6514	9.29655	1
cg00740020	KCNC3	0.0358747	0.998599	1.00042	1.00042	0.240153	1.34015	1.34015	0.0117623	2.11508	2.11508	0.77615	0.934386	-1.07022	0.693359	1.09894	1.09894	0.603365	1.13291	1.13291	0.00671896	0.433108	-2.30889	0.042227	1.74553	1.74553	0.453295	1.19946	1.19946	3.83268	3.4401	0.797839	1
cg19753794	KCNC3	0.0483743	0.390889	2.20976	2.20976	0.254219	0.341716	-2.92641	?	?	?	0.252673	2.93758	2.93758	0.936444	1.07458	1.07458	0.00907478	0.0502648	-19.8946	0.00969365	0.0522638	-19.1337	0.968516	0.965029	-1.03624	0.40816	0.46625	-2.14477	3.48199	39.8732	11.4513	1
cg00342532	KCNC3;KCNC3	0.0340463	0.213408	0.571653	-1.74931	0.526993	0.760656	-1.31465	0.653177	1.21295	1.21295	0.360315	1.49391	1.49391	0.275845	1.62226	1.62226	0.231437	1.70868	1.70868	0.0107262	0.254474	-3.92968	0.00722996	0.227789	-4.39002	0.18245	1.82928	1.82928	3.90592	11.2691	2.56456	1
cg04981315	KCNC4;KCNC4	0.000539996	0.188529	0.752215	-1.32941	4.18E-05	0.203049	-4.92491	0.00200862	0.410294	-2.43728	0.000998602	0.368315	-2.71506	0.000245955	0.290013	-3.44813	0.33637	0.81662	-1.22456	0.00422693	0.457157	-2.18743	0.701044	0.924192	-1.08203	0.210737	0.763755	-1.30932	13.9883	9.25318	0.587993	1
cg15831200	KCNC4;KCNC4;KCNC4	0.019084	0.14152	1.26787	1.26787	0.848294	0.971658	-1.02917	0.0106858	1.61891	1.61891	0.370732	1.14796	1.14796	0.0394939	0.699394	-1.42981	0.283211	0.845868	-1.18222	0.0724319	1.35113	1.35113	0.0613802	0.728752	-1.37221	0.0232778	0.665575	-1.50246	4.77992	1.70625	0.317299	1
cg23928744	KCNC4;KCNC4;KCNC4	0.0205329	0.0250971	0.635632	-1.57324	0.879511	1.02613	1.02613	0.453241	0.878147	-1.13876	0.0690156	0.707488	-1.41345	0.429931	1.14685	1.14685	0.594375	1.09571	1.09571	0.00132416	2.21275	2.21275	0.875084	0.9736	-1.02712	0.334038	1.18465	1.18465	4.66267	2.13585	0.407178	1
cg20999737	KCNC4;KCNC4;KCNC4	0.0252543	0.867099	0.95499	-1.04713	0.0063346	0.376296	-2.65748	0.140049	0.646255	-1.54738	0.0724838	0.576325	-1.73513	0.00348628	0.336213	-2.97431	0.827629	1.0618	1.0618	0.165049	1.50263	1.50263	0.957848	0.985571	-1.01464	0.537462	1.18732	1.18732	4.34192	5.1995	1.06446	1
cg00705055	KCND1	0.000792067	0.391541	0.886951	-1.12746	0.000792275	0.50017	-1.99932	0.0365614	0.71748	-1.39377	0.0418256	0.725725	-1.37793	5.20E-05	0.355557	-2.81249	0.0397915	1.38378	1.38378	0.0510275	1.35487	1.35487	0.651766	1.06405	1.06405	0.42286	0.894159	-1.11837	12.5673	3.71701	0.262905	1
cg04587983	KCND1	0.0014038	0.744635	0.919961	-1.087	0.0500981	0.565422	-1.76859	0.0014596	0.309368	-3.2324	0.138997	0.66599	-1.50153	6.78E-05	0.155493	-6.43114	0.427724	1.22959	1.22959	0.0199688	2.04791	2.04791	0.806212	0.939192	-1.06475	0.253989	0.737823	-1.35534	10.6812	11.0214	0.917197	1
cg15200096	KCND1	0.00782191	0.000804276	4.59411	4.59411	0.101248	0.582167	-1.71772	0.242834	1.44552	1.44552	0.0574275	1.91148	1.91148	0.114805	0.596311	-1.67698	0.094615	1.73998	1.73998	0.309631	0.728355	-1.37296	0.0131079	2.52831	2.52831	0.115046	1.6763	1.6763	6.38921	9.19685	1.2795	1
cg17383222	KCND1	0.0116606	0.819893	1.09595	1.09595	0.273693	0.632786	-1.58031	0.0581893	0.423125	-2.36337	0.0414763	0.388849	-2.57169	0.00317292	0.198062	-5.04892	0.602161	0.809531	-1.23528	0.000905059	0.136092	-7.34796	0.841891	0.922897	-1.08355	0.0189732	0.31942	-3.13068	5.62556	14.3804	2.27223	1
cg22337136	KCND1	0.0238501	0.0184323	0.463683	-2.15664	0.0288077	0.500052	-1.99979	0.150392	0.66074	-1.51345	0.692439	0.898641	-1.11279	0.0116709	0.428601	-2.33317	0.147609	0.658593	-1.51839	0.00665644	0.388074	-2.57683	0.00687704	0.390356	-2.56177	0.0668071	0.575563	-1.73743	4.42899	5.06889	1.01731	1
cg08578454	KCND1	0.0412183	0.502507	1.57538	1.57538	0.349374	0.525524	-1.90286	0.0335838	0.190544	-5.24814	0.700295	0.772358	-1.29474	0.00163418	0.0491371	-20.3512	0.530359	1.52882	1.52882	0.495563	1.58746	1.58746	0.750169	1.23782	1.23782	0.573839	1.46157	1.46157	3.64258	25.731	6.27906	1
cg19926635	KCND1	0.0447878	0.81553	0.924538	-1.08162	0.743179	0.89549	-1.11671	0.83393	1.07303	1.07303	0.576462	0.82741	-1.20859	0.00175539	0.223827	-4.46774	0.179018	1.61489	1.61489	0.0419236	0.455154	-2.19706	0.531243	1.2373	1.2373	0.333477	0.715394	-1.39783	3.53177	6.30494	1.58685	1
cg18645002	KCND2	0.0041247	0.671953	1.08082	1.08082	0.0572965	0.675445	-1.48051	0.259866	0.806982	-1.23918	0.860655	1.03258	1.03258	0.00190537	0.448221	-2.23104	0.33054	0.8326	-1.20106	0.00122178	2.37104	2.37104	0.15778	1.3173	1.3173	0.0136071	0.572921	-1.74544	7.78011	4.10238	0.468704	1
cg20536716	KCND2	0.00919105	0.995058	0.997472	-1.00253	0.158259	0.536411	-1.86424	0.277971	1.59017	1.59017	0.000514904	0.0919294	-10.8779	0.724934	1.15543	1.15543	?	?	?	?	?	?	?	?	?	0.397928	1.42619	1.42619	7.41039	12.7935	2.01417	1
cg09078517	KCND2	0.0306712	0.450769	1.07667	1.07667	0.725602	0.96669	-1.03446	0.00798501	1.38663	1.38663	0.282092	1.11345	1.11345	0.33087	0.908049	-1.10126	0.769948	1.02859	1.02859	0.0103234	0.732963	-1.36433	0.43651	1.0793	1.0793	0.0334059	1.26994	1.26994	4.0548	0.593545	0.130116	1
cg15668691	KCND2	0.0446946	0.0320957	0.125535	-7.96589	0.00570317	0.0499673	-20.0131	0.0311087	0.12353	-8.09519	0.644313	0.680956	-1.46852	0.103516	0.229541	-4.35652	0.876231	0.879127	-1.13749	0.082378	0.203843	-4.90574	0.913299	0.913912	-1.0942	0.0191955	0.0961485	-10.4006	3.53452	38.2433	9.61771	1
cg19150007	KCND2	0.0467962	0.0365821	0.0385913	-25.9126	0.010744	0.0136403	-73.3124	0.0851378	0.0780485	-12.8125	0.912091	0.862458	-1.15948	0.0293081	0.032069	-31.1827	0.653971	0.546329	-1.8304	0.0236679	0.0268025	-37.3099	0.764329	0.668415	-1.49608	0.0233183	0.0264687	-37.7805	3.4741	98.7744	25.2726	1
cg22572258	KCND2	0.0469304	0.0562001	0.150316	-6.65267	0.0117642	0.0634578	-15.7585	0.0922983	0.197173	-5.07169	0.314547	0.401957	-2.48783	0.0468724	0.136179	-7.34325	0.189385	0.295739	-3.38136	0.00566089	0.0415333	-24.0771	0.428089	0.49214	-2.03194	0.0371464	0.119983	-8.33449	3.47035	42.208	10.8111	1
cg22434989	KCND3;KCND3	0.00133418	0.000939808	0.729865	-1.37012	0.0659026	1.14073	1.14073	0.0701147	0.87879	-1.13793	0.108223	0.894203	-1.11831	0.0256986	0.844445	-1.18421	0.00118733	0.73836	-1.35435	0.00291922	1.29816	1.29816	0.173156	0.911656	-1.09691	0.0955989	1.12392	1.12392	10.8382	0.698964	0.0573251	1
cg16701939	KCND3;KCND3	0.00212141	0.764631	0.949889	-1.05275	0.891972	1.02354	1.02354	0.00160649	2.16986	2.16986	0.321609	1.19163	1.19163	0.240036	0.810076	-1.23445	0.616345	0.917143	-1.09034	9.40E-05	0.30359	-3.29392	0.454235	0.877639	-1.13942	0.304304	0.833478	-1.19979	9.47755	4.40023	0.412692	1
cg18156192	KCND3;KCND3	0.00243237	0.230963	0.85674	-1.16722	0.0303308	0.731047	-1.3679	0.99463	0.999172	-1.00083	0.302717	0.876895	-1.14039	0.00934418	0.66655	-1.50026	0.00395096	0.620622	-1.61129	0.00164717	1.74097	1.74097	0.0260067	1.38419	1.38419	0.0099415	0.669884	-1.49279	9.10519	2.18346	0.213159	1
cg27510354	KCND3;KCND3	0.00278973	0.00186662	0.264148	-3.78576	0.0193175	0.425927	-2.34782	0.00479484	0.323296	-3.09314	0.391296	0.767237	-1.30338	0.00135499	0.245733	-4.06946	0.109362	0.5906	-1.69319	0.00116607	0.237379	-4.21267	0.101807	1.71649	1.71649	0.120141	0.601346	-1.66294	8.74447	12.6026	1.28107	1
cg13059411	KCND3;KCND3	0.0035713	0.0922676	1.45001	1.45001	0.000290311	3.2708	3.2708	0.191397	1.31964	1.31964	0.515512	0.876149	-1.14136	0.109283	0.704585	-1.41928	0.524158	0.878592	-1.13818	0.00253388	0.431585	-2.31704	0.880563	0.970301	-1.03061	0.543794	1.13113	1.13113	8.1246	5.17384	0.566055	1
cg16057532	KCND3;KCND3	0.00612353	0.621272	1.07796	1.07796	0.260799	1.19337	1.19337	0.00036413	2.3658	2.3658	0.0170324	1.5504	1.5504	0.087526	0.752534	-1.32884	0.053341	1.39214	1.39214	0.639028	1.07381	1.07381	0.0775525	0.74399	-1.3441	0.339417	0.862071	-1.16	6.89562	2.48134	0.319861	1
cg23737626	KCND3;KCND3	0.00695428	0.0287866	0.476832	-2.09718	0.00337552	0.318218	-3.1425	0.0195693	0.444746	-2.24847	0.00831997	0.379564	-2.6346	0.162618	0.651729	-1.53438	0.100035	0.595957	-1.67797	0.0504997	0.527209	-1.89678	0.000558388	0.214925	-4.65279	0.0157471	0.427458	-2.33941	6.62865	8.65996	1.16128	1
cg07723921	KCND3;KCND3	0.0149745	0.0566296	0.451177	-2.21642	0.0957296	1.96394	1.96394	0.690723	1.15895	1.15895	0.0750646	0.481341	-2.07753	0.0417985	0.42086	-2.37609	0.624534	1.19955	1.19955	0.000870859	0.158448	-6.31121	0.102481	0.517318	-1.93305	0.508417	0.780783	-1.28077	5.18362	11.1697	1.91538	1
cg15211908	KCND3;KCND3	0.038588	0.039846	0.311922	-3.20593	0.0919725	2.48321	2.48321	0.496057	1.40338	1.40338	0.0767719	0.380963	-2.62493	0.0599581	0.353256	-2.83081	0.889823	1.07032	1.07032	0.0069948	0.180823	-5.53027	0.115492	0.432156	-2.31398	0.822554	0.895716	-1.11642	3.73209	14.2099	3.38443	1
cg17898124	KCND3;KCND3	0.0405191	0.192356	0.691692	-1.44573	0.0330174	1.9464	1.9464	0.172086	1.47447	1.47447	0.515174	1.19279	1.19279	0.0091076	0.412661	-2.4233	0.164102	0.672589	-1.48679	0.857916	0.953256	-1.04904	0.18656	1.45361	1.45361	0.161135	0.670449	-1.49154	3.66567	4.14306	1.00465	1
cg07111008	KCND3;KCND3	0.044438	0.698193	0.935037	-1.06948	0.0247517	0.630779	-1.58534	0.309609	1.19871	1.19871	0.666296	0.92794	-1.07766	0.593496	1.09732	1.09732	0.0339676	1.5322	1.5322	0.0154286	1.66921	1.66921	0.418258	0.867115	-1.15325	0.141637	0.76153	-1.31315	3.54214	1.66702	0.418333	1
cg00852622	KCND3;KCND3;KCND3;KCND3	0.00818366	0.249952	0.585225	-1.70874	0.0424655	2.83252	2.83252	0.00637958	4.86362	4.86362	0.44602	0.707406	-1.41362	0.0251925	0.305364	-3.27478	0.0565492	2.61669	2.61669	0.0225377	0.295991	-3.37848	0.057166	0.383312	-2.60884	0.0730651	2.43718	2.43718	6.29896	19.8097	2.79549	1
cg21088514	KCNE1	4.78E-05	2.21E-06	0.279412	-3.57894	0.00239268	1.59308	1.59308	0.550103	0.935631	-1.0688	0.00107678	0.587813	-1.70122	0.136043	0.837982	-1.19334	0.152194	1.18386	1.18386	0.00204456	1.61324	1.61324	0.079008	1.23937	1.23937	0.0346523	0.762606	-1.31129	26.9441	5.16704	0.170462	1
cg03801286	KCNE1	0.00219011	0.164324	0.750806	-1.3319	0.88625	1.02803	1.02803	0.0050794	0.488983	-2.04506	0.0262514	0.600969	-1.66398	0.000201258	0.299713	-3.33652	0.141227	1.35747	1.35747	0.0202291	1.7175	1.7175	0.98529	1.00357	1.00357	0.0210968	0.585231	-1.70873	9.38965	5.54834	0.525244	1
cg09031013	KCNE1	0.00681589	0.0169296	0.553945	-1.80523	0.100838	1.43965	1.43965	0.391826	1.1947	1.1947	0.109597	0.702075	-1.42435	0.0281951	0.591258	-1.69131	0.000644666	0.345886	-2.89112	0.0652238	1.52154	1.52154	0.553794	0.885637	-1.12913	0.232287	0.775684	-1.28918	6.67028	4.34377	0.578856	1
cg12305753	KCNE1	0.0357077	0.0709517	0.667969	-1.49708	0.0148556	1.82087	1.82087	0.0999773	0.697315	-1.43407	0.116912	0.711284	-1.40591	0.0279562	0.594874	-1.68103	0.354951	0.826685	-1.20965	0.491309	1.15006	1.15006	0.925168	0.981385	-1.01897	0.0463776	0.633574	-1.57835	3.83918	2.43245	0.563187	1
cg01183122	KCNE1	0.0439311	0.0863628	0.658117	-1.51949	0.11075	1.46776	1.46776	0.310804	0.793283	-1.26058	0.020688	0.540519	-1.85007	0.272084	0.776892	-1.28718	0.67466	1.09771	1.09771	0.061759	1.59136	1.59136	0.743516	1.0752	1.0752	0.0264985	0.559415	-1.78758	3.55735	2.74743	0.686513	1
cg05238695	KCNE1;KCNE1	0.011317	0.0124551	0.376932	-2.653	0.983708	0.993614	-1.00643	0.861902	0.946835	-1.05615	0.816879	1.07549	1.07549	0.000343276	0.163912	-6.10085	0.511635	1.23227	1.23227	0.316668	1.38376	1.38376	0.706038	0.887903	-1.12625	0.0906092	0.557111	-1.79497	5.68022	8.85648	1.38594	1
cg08468911	KCNE1;KCNE1;KCNE1	6.00E-05	2.99E-05	0.279237	-3.58119	0.550563	1.09889	1.09889	0.0149096	1.59599	1.59599	0.570199	1.09373	1.09373	0.0160251	0.631094	-1.58455	0.79248	1.04203	1.04203	5.36E-05	3.24366	3.24366	0.000156881	2.74561	2.74561	0.00309727	1.88129	1.88129	25.3647	9.7938	0.343218	1
cg08287724	KCNE1;KCNE1;KCNE1	0.00126247	0.000429545	0.155259	-6.44087	0.186222	1.59755	1.59755	0.231664	1.521	1.521	0.652265	1.16374	1.16374	0.106496	0.55477	-1.80255	0.777583	0.909675	-1.09929	0.00234647	4.13455	4.13455	0.000734253	5.55707	5.55707	0.0702089	1.96718	1.96718	11.011	19.4877	1.5732	1
cg19521832	KCNE1;KCNE1;KCNE1	0.00139353	0.00786965	0.323316	-3.08968	0.343392	1.38116	1.38116	0.0437006	2.15353	2.15353	0.0791266	0.524701	-1.90585	0.178884	0.623478	-1.60391	0.039007	0.453634	-2.20442	0.000341128	6.74398	6.74398	0.0086423	3.02709	3.02709	0.0123818	2.80122	2.80122	10.7038	18.5552	1.54091	1
cg23908228	KCNE1;KCNE1;KCNE1	0.00252267	0.0250274	0.366632	-2.72753	0.471357	1.3175	1.3175	0.998338	0.999216	-1.00078	0.0712901	0.46854	-2.13429	0.00733114	0.27228	-3.67269	0.00426729	0.237187	-4.21608	0.000696147	7.00736	7.00736	0.179517	1.71008	1.71008	0.178188	1.71324	1.71324	9.00808	20.2065	1.99391	1
cg00421848	KCNE1;KCNE1;KCNE1	0.00791496	0.0116123	0.354694	-2.81933	0.267801	0.684386	-1.46116	0.239371	1.49897	1.49897	0.253615	0.675918	-1.47947	0.0119852	0.357086	-2.80045	0.666077	0.86707	-1.15331	0.00246495	3.98784	3.98784	0.29005	1.43441	1.43441	0.0453896	2.12553	2.12553	6.36551	10.8813	1.51948	1
cg14535332	KCNE1;KCNE1;KCNE1	0.0109984	0.0377231	0.295551	-3.38351	0.296513	1.72881	1.72881	0.35266	1.62208	1.62208	0.824118	0.893526	-1.11916	0.224071	0.52416	-1.90781	0.0222094	0.249971	-4.00046	0.00284414	7.98524	7.98524	0.0411755	3.29164	3.29164	0.0491931	3.11275	3.11275	5.73279	23.2243	3.60101	1
cg07321776	KCNE1;KCNE1;KCNE1	0.0197208	0.266368	0.510581	-1.95855	0.552283	0.70539	-1.41766	0.0289735	4.45657	4.45657	0.54483	0.700662	-1.42722	0.136959	0.394598	-2.53422	0.0850623	0.331139	-3.01988	0.00258519	11.2913	11.2913	0.575225	0.719909	-1.38906	0.0867475	2.99839	2.99839	4.72707	25.2238	4.74314	1
cg08823027	KCNE1;KCNE1;KCNE1	0.0227831	0.122209	0.279306	-3.58031	0.438211	1.82593	1.82593	0.181882	2.94163	2.94163	0.235213	0.387786	-2.57874	0.0854424	0.235112	-4.2533	0.0293596	0.141702	-7.05708	0.0103696	11.6845	11.6845	0.0635889	4.89444	4.89444	0.145894	3.28302	3.28302	4.49952	41.3162	8.16209	1
cg06689180	KCNE1;KCNE1;KCNE1	0.0240383	0.75102	0.922174	-1.08439	0.357266	1.27249	1.27249	0.0989237	0.63098	-1.58484	0.688767	1.10791	1.10791	0.888758	0.965005	-1.03626	0.0850455	1.62364	1.62364	0.00363522	2.72236	2.72236	0.00541659	2.53857	2.53857	0.154162	1.47443	1.47443	4.41696	4.53192	0.912024	1
cg11411127	KCNE1;KCNE1;KCNE1;KCNE1	0.000608642	0.000680472	0.607595	-1.64583	0.0638411	1.22131	1.22131	0.448429	0.928543	-1.07696	0.019324	0.762232	-1.31194	0.00476283	0.697903	-1.43286	0.0129589	0.743806	-1.34444	0.000270358	1.77391	1.77391	0.845346	0.981433	-1.01892	0.0428989	1.2506	1.2506	13.5298	1.97352	0.129657	1
cg26736645	KCNE1;KCNE1;KCNE1;KCNE1	0.0359145	0.0520893	0.344797	-2.90026	0.00301335	0.140894	-7.09754	0.0395004	0.3174	-3.1506	0.631622	0.792329	-1.2621	0.0364608	0.309875	-3.22711	0.171566	0.495891	-2.01657	0.0180956	0.250735	-3.98828	0.0656071	0.369468	-2.7066	0.605039	0.777707	-1.28583	3.83114	14.09	3.26913	1
cg09258032	KCNE1;KCNE1;KCNE1;KCNE1	0.0428861	0.902047	0.972117	-1.02868	0.656101	1.10842	1.10842	0.650467	0.900534	-1.11045	0.0784911	1.56655	1.56655	0.0785673	0.638435	-1.56633	0.504311	0.855882	-1.16839	0.00250001	2.62396	2.62396	0.342435	1.25189	1.25189	0.368368	0.8088	-1.2364	3.58939	2.99873	0.742615	1
cg11644515	KCNE1;KCNE1;KCNE1;KCNE1;KCNE1	0.00896194	0.0983128	0.683324	-1.46344	0.013253	1.9054	1.9054	0.79796	0.94755	-1.05535	0.00588411	2.13175	2.13175	0.00350324	0.435255	-2.2975	0.833322	0.956706	-1.04525	0.499455	0.865904	-1.15486	0.436835	0.846546	-1.18127	0.0591796	0.639272	-1.56428	6.1206	4.27582	0.620974	1
cg23480619	KCNE1;KCNE1;KCNE1;KCNE1;KCNE1	0.00975259	0.0639188	0.303072	-3.29955	0.492297	1.49151	1.49151	0.542114	1.42441	1.42441	0.963583	0.974166	-1.02652	0.273698	0.520494	-1.92125	0.00431565	0.112215	-8.91146	0.00200907	12.1683	12.1683	0.0914745	2.90194	2.90194	0.181317	2.25579	2.25579	5.95812	31.0101	4.62638	1
cg18145088	KCNE1L	0.000286355	0.297173	1.1768	1.1768	0.000617724	0.4521	-2.2119	0.000725859	0.46108	-2.16882	0.412928	0.88154	-1.13438	1.88E-05	0.269536	-3.71008	0.191853	1.23134	1.23134	0.0306333	0.682117	-1.46602	0.270243	0.841209	-1.18877	0.0474366	1.40717	1.40717	16.6609	5.98684	0.319408	1
cg26644504	KCNE1L	0.00243986	0.0295756	0.571757	-1.749	0.61526	0.895308	-1.11693	0.000833216	0.33366	-2.99707	0.00986917	0.490857	-2.03726	0.000319912	0.280505	-3.56501	0.0564654	1.60204	1.60204	0.643773	1.10697	1.10697	0.40594	0.830649	-1.20388	0.941508	1.01614	1.01614	9.09696	6.86162	0.670467	1
cg23299641	KCNE1L	0.0098827	0.155993	0.28325	-3.53045	0.634113	1.48958	1.48958	0.552453	1.64789	1.64789	0.0988981	4.49847	4.49847	0.983628	1.0172	1.0172	0.0828442	4.93443	4.93443	0.000744946	70.4102	70.4102	0.00597105	19.829	19.829	0.0164309	11.4368	11.4368	5.93296	64.904	9.72406	1
cg24817502	KCNE1L	0.0137117	0.167674	0.572153	-1.74779	0.181038	0.583228	-1.71459	0.0723028	2.14151	2.14151	0.0849089	2.06135	2.06135	0.859302	0.934852	-1.06969	0.400482	1.38646	1.38646	0.00191795	5.30131	5.30131	0.0173273	3.00537	3.00537	0.0188762	2.94402	2.94402	5.33623	12.183	2.0294	1
cg05437059	KCNE1L	0.0371077	0.094451	0.366355	-2.72959	0.0243788	4.3291	4.3291	0.161303	2.264	2.264	0.981783	0.987605	-1.01255	0.454701	0.65971	-1.51582	0.0371675	3.74906	3.74906	0.0082145	6.34077	6.34077	0.169129	2.22597	2.22597	0.220601	2.0207	2.0207	3.78585	17.8901	4.20046	1
cg26482893	KCNE1L	0.0400643	0.28062	0.472867	-2.11476	0.712526	1.28037	1.28037	0.372428	1.84324	1.84324	0.0401191	4.87402	4.87402	0.273088	2.14197	2.14197	0.160057	2.7248	2.7248	0.00354572	14.0038	14.0038	0.0377112	5.00088	5.00088	0.0347288	5.17505	5.17505	3.68096	25.9995	6.27844	1
cg01992935	KCNE1L;KCNE1L	0.00721379	0.120058	0.168626	-5.93027	0.181294	4.47269	4.47269	0.433721	2.32377	2.32377	0.0483369	10.8198	10.8198	0.272664	3.33721	3.33721	0.0461338	11.1557	11.1557	0.000699781	234.23	234.23	0.00403023	58.9986	58.9986	0.0117374	27.7396	27.7396	6.55329	115.639	15.6853	1
cg06720669	KCNE1L;KCNE1L	0.00730407	0.122466	0.151876	-6.5843	0.200981	4.57587	4.57587	0.356683	2.90803	2.90803	0.0428877	13.7916	13.7916	0.587901	1.85164	1.85164	0.0428648	13.7968	13.7968	0.00100415	244.314	244.314	0.00282728	102.558	102.558	0.0106478	37.1885	37.1885	6.52787	131.092	17.8505	1
cg04409427	KCNE2	0.0146751	0.00218154	0.346019	-2.89002	0.478801	0.83715	-1.19453	0.346324	0.787086	-1.27051	0.200046	0.71592	-1.3968	0.00814492	0.433379	-2.30745	0.00287302	0.363367	-2.75204	0.303276	1.30113	1.30113	0.435716	0.821752	-1.21691	0.803387	0.940275	-1.06352	5.21831	5.03689	0.857986	1
cg12161534	KCNE2	0.031414	0.27497	0.733704	-1.36295	0.273994	0.733204	-1.36388	0.0314239	0.502546	-1.98987	0.790251	0.929901	-1.07538	0.0117897	0.424245	-2.35713	0.0195698	0.463428	-2.15783	0.19648	0.689128	-1.45111	0.0776182	0.585829	-1.70698	0.00279831	0.325278	-3.07429	4.02035	4.73251	1.04634	1
cg05280255	KCNE3	0.00101807	0.754924	1.06021	1.06021	0.0837801	1.4295	1.4295	0.000322483	0.337439	-2.9635	0.000137114	0.29182	-3.42677	0.0207937	0.594742	-1.6814	0.0641406	1.4747	1.4747	0.820493	1.04335	1.04335	0.428451	1.16294	1.16294	0.146477	0.747481	-1.33783	11.7069	6.46494	0.490874	1
cg13766864	KCNE3	0.00800234	0.630577	0.90611	-1.10362	0.73969	0.934403	-1.0702	0.0614484	0.651347	-1.53528	0.000611364	0.341609	-2.92732	0.454356	0.856358	-1.16774	0.563841	1.12606	1.12606	0.0102495	0.51765	-1.93181	0.0649722	1.52448	1.52448	0.0165192	0.551066	-1.81466	6.34356	4.15949	0.582846	1
cg16839921	KCNE3	0.0313166	0.088489	1.72239	1.72239	0.012365	2.46212	2.46212	0.470765	1.23648	1.23648	0.059952	1.84783	1.84783	0.552689	1.18979	1.18979	0.0150988	2.37239	2.37239	0.00492616	2.93772	2.93772	0.740018	0.908151	-1.10114	0.0424803	1.96583	1.96583	4.02481	5.33556	1.17837	1
cg04574090	KCNE3	0.0315839	0.0258596	4.99106	4.99106	0.00709665	8.27847	8.27847	0.304947	1.907	1.907	0.365463	0.568343	-1.7595	0.738051	0.8155	-1.22624	0.218001	2.19771	2.19771	0.469305	1.56416	1.56416	0.0935911	0.326099	-3.06655	0.0184295	5.68222	5.68222	4.01261	23.4654	5.19814	1
cg18838431	KCNE3	0.0436612	0.0282136	3.70422	3.70422	0.00676634	5.89408	5.89408	0.312469	1.69556	1.69556	0.906316	1.0613	1.0613	0.841018	1.10683	1.10683	0.0750773	2.72297	2.72297	0.0282922	3.70096	3.70096	0.303175	0.583343	-1.71426	0.0536723	3.02611	3.02611	3.56553	14.422	3.59542	1
cg02831419	KCNE4	0.000702608	0.00998283	0.407233	-2.4556	0.000122188	0.156954	-6.37131	0.00933729	0.402343	-2.48544	0.00648334	2.65708	2.65708	0.00669979	0.378646	-2.64099	0.00842062	0.394864	-2.53252	0.0275545	0.486943	-2.05363	0.00118997	0.269241	-3.71414	0.567592	0.852534	-1.17297	12.9974	15.697	1.07351	1
cg24742614	KCNE4	0.00128274	0.271437	1.42418	1.42418	0.0280005	2.22942	2.22942	0.00957458	0.363052	-2.75443	0.233356	0.679826	-1.47096	5.70E-05	0.0995196	-10.0483	0.361378	1.33613	1.33613	0.019891	0.419741	-2.38242	0.225988	1.48094	1.48094	0.107699	0.581485	-1.71973	10.9609	16.5591	1.34288	1
cg14592092	KCNE4	0.00207635	0.0181941	0.394359	-2.53576	0.000316274	0.15054	-6.64274	0.0492346	0.482663	-2.07184	0.0251288	2.37362	2.37362	0.00669676	0.319373	-3.13114	0.0557902	0.494976	-2.0203	0.0292168	0.434396	-2.30205	0.00164793	0.231742	-4.31514	0.476527	0.790639	-1.2648	9.53715	15.9075	1.48262	1
cg11975793	KCNE4	0.00242701	0.3709	1.41261	1.41261	0.0356833	2.50708	2.50708	0.0201336	0.348576	-2.86881	0.85045	1.07354	1.07354	0.000196004	0.0949479	-10.5321	0.0632732	2.1931	2.1931	0.0188735	0.343259	-2.91325	0.116184	1.90007	1.90007	0.180595	0.585948	-1.70663	9.1111	20.3971	1.98997	1
cg09835085	KCNE4	0.00666262	0.0281432	0.309862	-3.22724	0.00133592	0.121559	-8.22647	0.0228854	0.292226	-3.42201	0.0872351	2.34736	2.34736	0.00415159	0.176161	-5.67662	0.103974	0.44783	-2.23299	0.0633404	0.389222	-2.56923	0.0094788	0.2264	-4.41695	0.31643	0.62623	-1.59686	6.71763	21.726	2.87483	1
cg11391828	KCNE4	0.014949	0.22321	0.818973	-1.22104	0.00956549	0.599297	-1.66862	0.0685916	0.727536	-1.3745	0.267998	0.835236	-1.19727	0.321008	0.852151	-1.1735	0.00936089	0.597974	-1.67231	0.846898	0.970288	-1.03062	0.0140104	0.622872	-1.60547	0.0011517	0.474557	-2.10723	5.18654	2.00005	0.342776	1
cg00694520	KCNE4	0.0159617	0.0649243	0.407341	-2.45495	0.00508114	0.200939	-4.97664	0.0501078	0.379897	-2.63229	0.042797	2.74639	2.74639	0.0384343	0.353725	-2.82706	0.0879975	0.442284	-2.26099	0.0462886	0.37188	-2.68904	0.0145432	0.271386	-3.68479	0.734995	0.863114	-1.15859	5.07504	15.0902	2.64303	1
cg14576436	KCNE4	0.0421227	0.639579	1.19061	1.19061	0.825059	0.921373	-1.08534	0.00344527	0.230068	-4.34653	0.731038	0.880172	-1.13614	0.0310404	0.392031	-2.55082	0.096114	1.96587	1.96587	0.157005	0.571283	-1.75045	0.769601	1.11476	1.11476	0.152828	0.567586	-1.76185	3.61341	7.83044	1.92627	1
cg08586500	KCNE4	0.0439637	0.404641	0.76497	-1.30724	0.00476802	0.308095	-3.24575	0.083928	0.548314	-1.82377	0.112637	1.72052	1.72052	0.165326	0.628156	-1.59196	0.351884	0.740065	-1.35123	0.079389	0.542351	-1.84383	0.149787	0.615587	-1.62446	0.255175	1.45247	1.45247	3.55636	5.56053	1.38982	1
cg21561492	KCNE4;KCNE4	0.00644171	0.0328808	0.40519	-2.46798	0.00338639	0.23637	-4.23066	0.00736457	0.286434	-3.4912	0.0249727	2.6265	2.6265	0.0106916	0.313017	-3.19471	0.195919	0.609524	-1.64062	0.00867151	0.297866	-3.35721	0.0502039	0.445671	-2.24381	0.381131	0.722394	-1.38429	6.78832	14.0886	1.84482	1
cg24885082	KCNF1	0.00230485	0.283038	0.882837	-1.13271	0.000199607	0.4977	-2.00924	0.32011	1.12162	1.12162	0.50488	1.07853	1.07853	0.34811	1.11396	1.11396	0.0283765	0.748952	-1.3352	0.002191	0.618836	-1.61594	0.0196283	0.729817	-1.37021	0.0953105	1.22721	1.22721	9.25028	1.82855	0.175712	1
cg00451388	KCNF1	0.0457874	0.0115239	0.409894	-2.43966	0.437148	0.799541	-1.25072	0.0524424	0.536617	-1.86353	0.792221	0.928194	-1.07736	0.00515605	0.35257	-2.83632	0.268218	0.722171	-1.38471	0.0362008	0.502853	-1.98865	0.8651	0.953142	-1.04916	0.0647552	0.556841	-1.79584	3.50268	4.41914	1.12146	1
cg14176450	KCNF1;KCNF1	0.0124929	0.327833	1.24542	1.24542	0.00159952	0.373872	-2.67471	0.314621	0.797754	-1.25352	0.992676	0.998007	-1.002	0.453032	0.846959	-1.18069	0.333735	1.2419	1.2419	0.0122972	0.507889	-1.96893	0.636171	0.901635	-1.1091	0.0144935	1.92423	1.92423	5.50106	4.11366	0.664706	1
cg00546005	KCNG1	0.000453144	0.0469806	1.99018	1.99018	0.00261618	3.53062	3.53062	0.000820693	4.59994	4.59994	0.145668	0.623215	-1.60458	0.0341655	0.473239	-2.1131	0.10425	1.71187	1.71187	0.000803683	4.62318	4.62318	6.40E-05	9.25164	9.25164	0.242394	1.44821	1.44821	14.6854	21.309	1.28981	1
cg17846334	KCNG1	0.00206011	0.00661376	0.201956	-4.95157	0.0291825	3.20965	3.20965	0.00967163	4.41752	4.41752	0.0110262	0.23532	-4.24952	0.00321051	0.16122	-6.20271	0.627835	0.801186	-1.24815	0.196265	1.85898	1.85898	0.00433384	5.64083	5.64083	0.970434	0.983323	-1.01696	9.55902	31.1705	2.89853	1
cg03027241	KCNG1	0.00443656	0.874273	0.941259	-1.06241	0.000590698	0.131494	-7.60489	0.349958	0.692253	-1.44456	0.107767	1.95608	1.95608	0.271917	0.645838	-1.54838	0.993175	1.00328	1.00328	0.00114405	0.160718	-6.22209	0.0123045	0.303674	-3.293	0.36149	1.43132	1.43132	7.61042	17.6155	2.05747	1
cg03711791	KCNG1	0.00618714	0.0699057	2.08709	2.08709	0.0486158	2.26538	2.26538	0.696513	1.15292	1.15292	0.108061	1.8899	1.8899	0.150257	1.75042	1.75042	0.303407	1.47254	1.47254	0.000146914	10.7055	10.7055	0.00311834	4.33885	4.33885	0.247801	1.55061	1.55061	6.87362	14.3478	1.85544	1
cg24276346	KCNG1	0.01325	0.174947	1.4612	1.4612	0.169134	1.46976	1.46976	0.138046	0.657175	-1.52166	0.140569	1.517	1.517	0.773798	1.0787	1.0787	0.33206	1.30091	1.30091	0.000345831	4.54256	4.54256	0.44162	1.22908	1.22908	0.202078	0.701817	-1.42487	5.39645	5.90646	0.972896	1
cg09344281	KCNG1	0.017659	0.0754248	1.70085	1.70085	0.101733	1.61726	1.61726	0.361651	1.28611	1.28611	0.00500685	2.70888	2.70888	0.0667343	0.576021	-1.73605	0.0250338	2.04502	2.04502	0.0585692	0.563608	-1.77428	0.123814	1.56401	1.56401	0.133566	1.54375	1.54375	4.90655	5.5956	1.01372	1
cg21313071	KCNG1	0.0254724	0.331354	1.46004	1.46004	0.803308	1.09882	1.09882	0.163476	0.5703	-1.75346	0.696812	0.862555	-1.15935	0.00410018	0.233583	-4.28113	0.328998	1.46292	1.46292	0.0066642	3.77867	3.77867	0.264237	1.55182	1.55182	0.979585	1.00971	1.00971	4.32893	9.77638	2.00745	1
cg14495732	KCNG1	0.0404663	0.0489252	0.550477	-1.81661	0.0450662	1.84138	1.84138	0.774916	1.07909	1.07909	0.0509493	1.80451	1.80451	0.0485623	0.549802	-1.81884	0.490484	0.830314	-1.20436	0.413496	1.24851	1.24851	0.156913	1.49472	1.49472	0.0508209	1.80526	1.80526	3.66743	4.09405	0.99229	1
cg02305261	KCNG1	0.0413575	0.940269	0.977985	-1.02251	0.622328	1.15891	1.15891	0.433143	1.2682	1.2682	0.219602	0.681502	-1.46735	0.0187011	0.428893	-2.33158	0.123856	1.64056	1.64056	0.942358	0.978748	-1.02171	0.0042984	3.10885	3.10885	0.94704	1.01993	1.01993	3.63804	5.08417	1.24222	1
cg10187707	KCNG1	0.0461802	0.787936	1.05473	1.05473	0.0712271	1.48922	1.48922	0.00305	0.448395	-2.23018	0.960814	0.990336	-1.00976	0.127551	1.38494	1.38494	0.659993	1.09144	1.09144	0.113793	0.711738	-1.40501	0.872581	1.03223	1.03223	0.624891	0.907202	-1.10229	3.49146	2.16002	0.549919	1
cg02600973	KCNG1	0.0488446	0.135736	0.709321	-1.4098	0.177212	1.35848	1.35848	0.715028	0.924659	-1.08148	0.991291	0.997671	-1.00233	0.987134	1.00345	1.00345	0.00896352	0.491633	-2.03404	0.0131808	1.92798	1.92798	0.444799	1.18104	1.18104	0.706055	0.92225	-1.0843	3.41833	2.47042	0.642397	1
cg07851192	KCNG2	0.000251154	0.060109	0.593644	-1.68451	0.000402796	0.250683	-3.98911	0.00713833	0.425546	-2.34992	0.072571	1.63661	1.63661	5.87E-05	0.160461	-6.23204	0.00392818	0.385091	-2.59679	0.855023	1.046	1.046	0.105123	1.54563	1.54563	0.000182404	0.210947	-4.74052	17.2683	16.5371	0.85125	1
cg05506453	KCNG2	0.000953554	0.031684	1.6698	1.6698	0.0314971	1.67106	1.67106	0.249633	1.27751	1.27751	0.202259	1.31529	1.31529	0.00452809	2.15969	2.15969	0.268774	1.26422	1.26422	4.76E-05	0.210216	-4.757	0.475519	1.15916	1.15916	0.118887	1.41136	1.41136	11.9262	7.82657	0.583336	1
cg18936757	KCNG2	0.00132134	0.0105738	1.68298	1.68298	0.0103785	1.68629	1.68629	0.0250672	0.649575	-1.53947	0.661992	1.07381	1.07381	0.185589	1.25511	1.25511	0.0190828	1.5829	1.5829	0.000237416	2.67941	2.67941	0.000995259	2.20687	2.20687	0.201459	0.803828	-1.24405	10.8683	4.51058	0.368909	1
cg25458083	KCNG2	0.00221079	0.000958296	0.112573	-8.88315	0.0065877	0.20879	-4.78951	0.00257045	0.156304	-6.39778	0.654646	1.22128	1.22128	0.00150127	0.131163	-7.62412	0.00744542	0.216499	-4.61896	0.00478753	0.189684	-5.27193	0.0909392	0.437465	-2.2859	0.00333002	0.16961	-5.89588	9.36388	29.2332	2.77503	1
cg03682112	KCNG2	0.00292968	0.00138167	6.83071	6.83071	0.00933565	3.91956	3.91956	0.451175	0.72757	-1.37444	0.304154	1.55409	1.55409	0.00799906	4.08835	4.08835	0.0585519	2.4238	2.4238	0.000212456	12.9872	12.9872	0.0749061	2.27457	2.27457	0.955032	1.02364	1.02364	8.6186	23.4284	2.41631	1
cg05726258	KCNG2	0.00407209	0.32198	0.869665	-1.14987	0.00881122	0.634316	-1.5765	0.0051858	0.604345	-1.65468	0.489354	0.908595	-1.1006	0.317982	0.868591	-1.15129	0.444836	1.11217	1.11217	0.000398437	2.1581	2.1581	0.745355	1.04548	1.04548	0.818974	1.03178	1.03178	7.81031	2.30441	0.262264	1
cg05491587	KCNG2	0.0192297	0.0382094	5.27039	5.27039	0.024552	6.3799	6.3799	0.900856	1.09007	1.09007	0.460834	1.6812	1.6812	0.0675191	4.12605	4.12605	0.0954888	0.281609	-3.55103	0.00471608	13.436	13.436	0.0117485	8.8268	8.8268	0.701322	0.76594	-1.30558	4.76764	36.1515	6.74016	1
cg12142062	KCNG2	0.0285445	0.804075	0.917483	-1.08994	0.0478459	2.18994	2.18994	0.0601651	2.08458	2.08458	0.309524	1.43961	1.43961	0.00509565	0.277328	-3.60584	0.205192	1.58903	1.58903	0.0535869	2.1372	2.1372	0.107642	1.83738	1.83738	0.409641	1.33932	1.33932	4.15943	7.90824	1.69002	1
cg05212510	KCNG2	0.0286519	0.130971	2.37204	2.37204	0.231935	1.94263	1.94263	0.0425826	0.290357	-3.44404	0.422113	1.54393	1.54393	0.0255473	4.07697	4.07697	0.00927766	0.174028	-5.74621	0.157636	2.2262	2.2262	0.243009	1.91	1.91	0.485126	1.45605	1.45605	4.15392	18.4566	3.94949	1
cg06147545	KCNG2	0.0298173	0.256497	0.865169	-1.15584	0.0531731	1.30818	1.30818	0.164954	0.834319	-1.19858	0.271679	1.15019	1.15019	0.05737	1.30065	1.30065	0.0191132	1.41453	1.41453	0.00987068	1.48992	1.48992	0.946347	1.00826	1.00826	0.243934	0.861503	-1.16076	4.0957	0.96996	0.21051	1
cg24140841	KCNG2	0.0368073	0.62563	1.11486	1.11486	0.00503798	2.27106	2.27106	0.748296	0.931284	-1.07379	0.12234	1.44809	1.44809	0.0355621	1.71779	1.71779	0.991122	0.997543	-1.00246	0.00565217	2.23214	2.23214	0.858674	0.961355	-1.0402	0.190429	1.3588	1.3588	3.79708	2.94044	0.68835	1
cg07578611	KCNG2	0.0377137	0.549337	1.19201	1.19201	0.028573	0.472879	-2.11471	0.0488986	0.52101	-1.91935	0.763388	0.916193	-1.09147	0.0934119	0.585685	-1.7074	0.158635	0.646067	-1.54783	0.00437715	0.331749	-3.01432	0.911928	0.968432	-1.0326	0.0181822	0.435447	-2.29649	3.76353	5.00988	1.18326	1
cg27264388	KCNG2	0.0381419	0.0381346	2.93271	2.93271	0.0384858	2.92524	2.92524	0.153794	0.504788	-1.98103	0.539079	1.32101	1.32101	0.0281324	3.19254	3.19254	0.656684	1.22174	1.22174	0.00481134	5.33738	5.33738	0.727681	1.16941	1.16941	0.994329	1.00319	1.00319	3.74802	11.8969	2.8215	1
cg25308662	KCNG2	0.0429531	0.0184979	4.77774	4.77774	0.0207582	4.59078	4.59078	0.500408	1.4542	1.4542	0.417806	1.57347	1.57347	0.0888262	2.79418	2.79418	0.506755	0.691589	-1.44594	0.00643563	6.9594	6.9594	0.0392876	3.68987	3.68987	0.476814	1.48591	1.48591	3.58731	17.0282	4.21936	1
cg03282975	KCNG2	0.0475039	0.318887	0.662239	-1.51003	0.0127541	3.44861	3.44861	0.110835	2.00377	2.00377	0.925614	0.963329	-1.03807	0.0691081	0.443218	-2.25623	0.530355	1.28956	1.28956	0.0380227	0.382035	-2.61756	0.150398	0.539711	-1.85284	0.846753	1.08048	1.08048	3.4545	8.75709	2.25332	1
cg25885449	KCNG2	0.0475195	0.515505	1.46525	1.46525	0.0135036	5.87945	5.87945	0.122427	2.63746	2.63746	0.74147	0.825465	-1.21144	0.107605	0.361547	-2.76589	0.411345	1.62692	1.62692	0.21632	0.470575	-2.12506	0.0203078	0.197722	-5.05761	0.588726	1.37199	1.37199	3.45407	18.3624	4.72548	1
cg16488953	KCNG2	0.0488248	0.131281	2.52006	2.52006	0.0323825	4.14201	4.14201	0.120215	2.6019	2.6019	0.610036	0.746909	-1.33885	0.13056	0.39602	-2.52512	0.393355	1.64218	1.64218	0.136893	0.402918	-2.48189	0.0221583	0.210984	-4.73969	0.484222	1.49675	1.49675	3.41886	17.4268	4.53091	1
cg24428196	KCNG3;KCNG3	0.00181303	0.824487	1.02997	1.02997	0.00104514	0.524617	-1.90615	0.00781068	0.635079	-1.57461	0.0450356	0.736535	-1.35771	0.000396486	0.472426	-2.11673	0.857271	0.976349	-1.02422	0.000400935	0.473023	-2.11406	0.476386	0.908214	-1.10106	0.0534622	0.747039	-1.33862	9.92101	2.77759	0.248863	1
cg26278888	KCNG3;KCNG3	0.00662557	0.16353	0.829733	-1.20521	0.0534231	1.31705	1.31705	0.242755	0.857748	-1.16584	0.0797742	1.27641	1.27641	0.00187199	1.73964	1.73964	0.00731555	1.54355	1.54355	0.0223106	1.4102	1.4102	0.240342	0.857008	-1.16685	0.0144107	1.46018	1.46018	6.72928	1.67924	0.221815	1
cg27553955	KCNG3;KCNG3	0.0116224	0.0516092	5.95628	5.95628	0.0334477	7.40061	7.40061	0.106738	4.13108	4.13108	0.0844373	4.65253	4.65253	0.0120529	12.4513	12.4513	0.0255614	8.47301	8.47301	0.000859457	56.3452	56.3452	0.00899368	14.5196	14.5196	0.0232058	8.89754	8.89754	5.63155	57.8663	9.13368	1
cg06638795	KCNG3;KCNG3	0.0176559	0.0264492	13.009	13.009	0.0801897	6.63525	6.63525	0.213938	3.5815	3.5815	0.0968521	5.91127	5.91127	0.0175144	16.7602	16.7602	0.0270942	12.8191	12.8191	0.0021349	67.1232	67.1232	0.00867437	26.0917	26.0917	0.0215036	14.7675	14.7675	4.90684	73.8689	13.3816	1
cg12330998	KCNG3;KCNG3	0.0230086	0.413664	0.934695	-1.06987	0.392037	0.931588	-1.07344	0.00814155	1.31486	1.31486	0.0298105	0.813331	-1.22951	0.384708	0.930509	-1.07468	0.364126	1.07828	1.07828	0.0397069	0.82515	-1.2119	0.793454	1.02143	1.02143	0.0239291	1.24326	1.24326	4.48428	0.463814	0.0919388	1
cg05607127	KCNG3;KCNG3	0.0418419	0.368286	1.12659	1.12659	0.0288384	1.39439	1.39439	0.0682099	1.30134	1.30134	0.78277	1.03629	1.03629	0.108301	1.25354	1.25354	0.386557	0.891822	-1.1213	0.0228724	0.703844	-1.42077	0.943623	1.00916	1.00916	0.0256535	1.40763	1.40763	3.62239	0.954508	0.234225	1
cg25455659	KCNG3;KCNG3	0.0428777	0.444383	0.734214	-1.362	0.599629	0.810676	-1.23354	0.199024	0.584059	-1.71216	0.417348	0.72006	-1.38877	0.00159418	0.166113	-6.02001	0.594196	0.808095	-1.23748	0.0217823	0.33586	-2.97743	0.251082	1.60829	1.60829	0.380823	0.700338	-1.42788	3.58965	8.92641	2.2104	1
cg21041181	KCNG3;KCNG3	0.0491702	0.0787996	1.2113	1.2113	0.00274998	0.666457	-1.50047	0.992853	1.00088	1.00088	0.925233	1.00926	1.00926	0.0955893	1.19697	1.19697	0.745432	0.968513	-1.03251	0.799444	1.02532	1.02532	0.38423	0.916111	-1.09157	0.400054	1.08828	1.08828	3.40973	0.520827	0.135775	1
cg02135842	KCNG4	0.000226619	0.787937	1.02617	1.02617	0.177658	1.14712	1.14712	0.037823	1.25956	1.25956	0.869597	1.01587	1.01587	0.439365	0.92722	-1.07849	0.0920269	1.19447	1.19447	1.84E-06	3.11617	3.11617	0.12744	1.17108	1.17108	0.745985	1.03163	1.03163	17.7583	2.58197	0.12924	1
cg00153543	KCNG4	0.000555938	6.80E-05	0.184812	-5.41091	0.00635639	0.439128	-2.27724	0.218862	0.741111	-1.34933	0.345647	1.25235	1.25235	0.0217027	0.5281	-1.89358	0.00322088	0.394042	-2.5378	0.000146551	0.220139	-4.54259	0.295621	0.777812	-1.28566	0.00184253	0.35892	-2.78613	13.8756	11.7959	0.755661	1
cg10246871	KCNG4	0.0015094	0.434728	0.858276	-1.16513	8.10E-05	0.255747	-3.91011	0.178502	1.31534	1.31534	0.305204	0.815794	-1.2258	0.112885	0.718282	-1.39221	0.997444	0.999386	-1.00061	0.00232511	2.2602	2.2602	0.316512	1.21966	1.21966	0.0451459	0.643559	-1.55386	10.4607	6.09183	0.517645	1
cg04590638	KCNG4	0.00323809	0.859072	1.03705	1.03705	0.778193	0.943839	-1.0595	0.678771	1.08898	1.08898	0.114674	0.703875	-1.42071	0.000125525	0.254798	-3.92468	0.00829275	0.501167	-1.99534	0.0278364	0.587381	-1.70247	0.471087	0.860656	-1.1619	0.00278612	0.430067	-2.32522	8.36591	5.55088	0.589789	1
cg27249906	KCNG4	0.0145049	0.658372	1.05065	1.05065	0.195721	0.859056	-1.16407	0.0765595	0.803543	-1.24449	0.000629125	1.79231	1.79231	0.0717734	0.799957	-1.25007	0.659426	0.951951	-1.05047	0.178152	1.17216	1.17216	0.724922	1.04001	1.04001	0.897936	0.985853	-1.01435	5.23843	1.02274	0.173545	1
cg03235603	KCNG4	0.027402	0.272621	0.738871	-1.35342	0.00986885	0.421371	-2.37321	0.0801591	0.597793	-1.67282	0.0643329	0.576447	-1.73476	0.803483	1.06832	1.06832	0.935846	1.02157	1.02157	0.00662929	2.54463	2.54463	0.235983	0.719538	-1.38978	0.894074	0.965308	-1.03594	4.21971	4.69463	0.988932	1
cg09898848	KCNG4	0.0327504	0.612105	0.931096	-1.074	0.100427	1.28564	1.28564	0.992656	0.998716	-1.00129	0.241828	0.842788	-1.18654	0.429153	0.893431	-1.11928	0.00839184	1.60018	1.60018	0.0118351	1.55079	1.55079	0.0809825	0.763275	-1.31014	0.679196	0.943592	-1.05978	3.96084	1.22278	0.274416	1
cg10117207	KCNG4	0.0345829	0.0585738	0.597687	-1.67312	0.801139	1.06268	1.06268	0.19831	1.38746	1.38746	0.085657	0.632807	-1.58026	0.00220466	0.355713	-2.81126	0.669617	1.10892	1.10892	0.179312	1.41	1.41	0.792818	1.06546	1.06546	0.857955	0.957765	-1.0441	3.88393	3.56896	0.816803	1
cg15837383	KCNG4	0.035242	0.11853	1.45588	1.45588	0.0905312	1.51192	1.51192	0.0539067	0.615661	-1.62427	0.555265	1.1414	1.1414	0.520332	0.865511	-1.15539	0.0181658	1.88846	1.88846	0.00844613	2.10733	2.10733	0.114724	1.4626	1.4626	0.618707	1.11763	1.11763	3.85749	3.00161	0.691667	1
cg03246665	KCNG4	0.0366955	0.0262547	0.682292	-1.46565	0.174486	0.811014	-1.23302	0.322459	0.862243	-1.15977	0.0262927	0.682382	-1.46546	0.0360292	0.702119	-1.42426	0.359163	0.872206	-1.14652	0.0319139	1.43995	1.43995	0.0370869	0.703954	-1.42055	0.649482	0.9358	-1.0686	3.80129	1.26613	0.296069	1
cg00787537	KCNH1;KCNH1	0.00494669	0.00714572	0.68407	-1.46184	0.540232	0.934473	-1.07012	0.190812	0.859497	-1.16347	0.0160269	0.724543	-1.38018	0.000210651	0.50799	-1.96854	0.887829	1.01555	1.01555	0.00449893	0.661052	-1.51274	0.908304	0.987485	-1.01267	0.197706	0.861723	-1.16047	7.36264	1.3931	0.168188	1
cg11955638	KCNH1;KCNH1	0.00523811	0.290355	1.14635	1.14635	0.00766328	0.652723	-1.53204	0.301043	0.875133	-1.14268	0.124191	0.812842	-1.23025	0.0039194	0.616785	-1.62131	0.0019251	1.72715	1.72715	0.458627	1.09848	1.09848	0.622763	1.06366	1.06366	0.0560606	0.763871	-1.30912	7.23496	1.77528	0.218111	1
cg01975453	KCNH1;KCNH1	0.0160238	0.245999	0.69499	-1.43887	0.0258425	2.21121	2.21121	0.969702	1.01146	1.01146	0.878247	0.955068	-1.04705	0.00685103	2.85822	2.85822	0.112807	1.67804	1.67804	0.00921797	0.371101	-2.69468	0.736824	0.903797	-1.10644	0.0779801	0.555807	-1.79918	5.06848	7.21938	1.2661	1
cg10968055	KCNH1;KCNH1	0.0187728	0.0194619	0.114999	-8.69573	0.25163	0.399689	-2.50194	0.27054	0.415435	-2.40712	0.099058	0.250412	-3.99342	0.00425299	0.0534289	-18.7165	0.0149302	0.101072	-9.89398	0.00262919	0.0412353	-24.2511	0.126858	0.282425	-3.54076	0.0365043	0.155506	-6.43061	4.80656	44.6334	8.25416	1
cg14823935	KCNH1;KCNH1	0.0189629	0.028809	0.298633	-3.34859	0.10688	2.28227	2.28227	0.931063	1.04139	1.04139	0.233775	0.557011	-1.7953	0.0176842	0.258579	-3.86729	0.0938792	0.421664	-2.37155	0.00433038	0.167368	-5.97484	[illegible]	0.253383	-3.9466	0.101951	0.43207	-2.31444	4.79022	16.6714	3.0936	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg26572354	KCNH1;KCNH1	0.0367463	0.00590529	0.63389	-1.534	0.0501662	1.3938	1.3938	0.364076	1.13718	1.13718	0.885375	1.01728	1.01728	0.832452	0.975146	-1.02549	0.976612	0.996523	-1.00349	0.230776	1.16108	1.16108	0.617703	0.943973	-1.0616	0.016461	0.705964	-1.4165	1.79938	0.849262	0.19869	1
cg17588880	KCNH1;KCNH1	0.0478832	0.337496	0.765314	-1.30665	0.452528	1.23	1.23	0.707773	1.10723	1.10723	0.076845	1.70274	1.70274	0.530754	0.842244	-1.1873	0.502747	1.20199	1.20199	0.031792	2.13552	3.53508	3.53508	0.189284	1.45666	1.45666	0.536836	1.18432	1.18432	0.144434	3.99119	1.03008	1
cg15809694	KCNH1;KCNH2	0.000152519	0.00442629	1.5647	1.5647	0.153137	1.1976	1.1976	0.199544	1.17323	1.17323	0.037429	1.33005	1.33005	0.326119	1.12694	1.12694	0.005198319	1.154453	1.54453	4.50E-06	0.2884446	-3.46686	0.9875693	1.00184	1.00184	0.3060583	1.13304	1.13304	19.768	4.34977	0.195592	1
cg16349656	KCNH1;KCNH2	0.0264847	0.0153509	0.647781	-1.54373	0.00290014	1.81745	1.81745	0.734593	1.05091	1.05091	0.013185	1.6918229	-1.44544	0.664021	0.938214	-1.06586	0.001745341	1.191793	1.19179	0.005267	1.5845651	-1.71067	0.277987	0.84821	-1.17895	0.442764	1.12008	1.12008	8.87977	2.99488	0.299796	1
cg27435498	KCNH1;KCNH2	0.00320368	0.0538573	2.40744	2.40744	0.422306	1.38556	1.38556	0.943586	0.971995	-1.02881	0.444295	1.36754	1.36754	0.012263	3.50056	3.50056	0.0216749	3.0235	3.0235	0.000115341	15.0883	15.0883	0.00175088	5.99109	5.99109	0.0993441	2.06488	2.06488	3.39258	21.4129	2.26792	1
cg01306909	KCNH1;KCNH2	0.0205291	0.1379	0.77624	-1.28826	0.0276929	1.51083	1.51083	0.956309	0.991351	-1.00872	0.33755	0.854917	-1.1697	0.0605613	0.714991	-1.39862	0.004795441	1.81025	1.81025	0.0301606	0.667598	-1.49811	0.841272	1.0323	1.0323	0.699047	1.06401	1.06401	4.66296	1.85636	0.353873	1
cg27137698	KCNH1;KCNH2	0.0275077	0.0887464	2.19351	2.19351	0.0152772	3.47693	3.47693	0.121993	2.01635	2.01635	0.0536555	2.50122	2.50122	0.219018	1.71744	1.71744	0.137536	1.95252	1.95252	0.00810202	4.13093	4.13093	0.00460918	4.84254	4.84254	0.0188857	3.28616	3.28616	4.21401	11.6824	2.46426	1
cg16817902	KCNH1;KCNH2	0.0159706	0.20566	2.11233	2.11233	0.0159388	0.956099	-1.04602	0.612598	0.73182	-1.36709	0.246827	1.19888	1.19888	0.043944	3.66019	3.66019	0.166235	2.28604	2.28604	0.0013408	14.0613	14.0613	0.0413548	3.7354	3.7354	0.477439	1.49865	1.49865	3.82897	19.0233	4.41623	1
cg14587446	KCNH1;KCNH2	0.0491744	1.82948	1.82948	0.0912681	0.546718	-1.82909	0.3215966	0.718162	-1.39244	0.105557	1.77543	1.77543	0.628216	1.14506	1.14506	0.566397	1.20703	1.20703	0.0852091	0.539659	-1.85302	0.0167961	2.5789	2.5789	0.0585129	2.00155	2.00155	5.24535	5.91348	1.48384	1
cg07390478	KCNH1;KCNH2	0.0497865	0.269227	0.703531	-1.4214	0.982738	0.99341	-1.00663	0.469613	1.25211	1.25211	0.640383	1.15464	1.15464	0.00103219	0.22633	-4.41832	0.849182	0.943479	-1.05991	0.728712	0.8990055	-1.11228	0.444255	1.26916	1.26916	0.613559	1.16839	1.16839	3.39565	5.02004	1.31489	1
cg23147443	KCNH1;KCNH2;KCNH2	0.0036811	0.546929	1.37884	1.37884	0.0107731	1.95967	1.95967	0.0174242	1.56398233	0.5017155	1.98738	1.98738	0.049024	1.50314	1.50314	0.0903257	1.53798	1.53798	0.0249205	1.90393	1.90393	0.0107973	1.8569	1.8569	0.0655383	1.6896	1.6896	1.05441	-1.01586	0.805117	1.80556	0.208728	1
cg20252814	KCNH1;KCNH2;KCNH2	0.0225668	0.0540497	0.664422	-1.50507	0.262573	0.808482	-1.24242	0.00216319	0.447138	2.23645	0.0564211	0.667743	-1.49758	0.182278	0.767462	1.303	0.457457	0.868078	-1.15197	0.0306954	1.600739	1.60739	0.617893	0.925817	-1.08013	0.0911356	0.706166	-1.4161	0.543142	2.49925	0.492113	1
cg24883622	KCNH1;KCNH2;KCNH2	0.0489838	0.551012	1.30926	1.30926	0.109091	1.34697	1.34697	0.0260286	0.64568	-1.54875	0.1617294	1.28075	1.28075	0.916206	1.08273	1.08273	0.668256	1.15966	1.15966	0.0827341	1.617369	1.61736	0.174989	0.6078	1.64498	1.64498	0.0995937	0.962339	-1.03913	0.3939842	1.865376	-1.15557	1.41665	1.48308	0.386069	1
cg13512394	KCNH1;KCNH2	0.00287989	0.235485	1.47797	1.47797	0.00716491	0.335889	-2.97718	0.0398559	0.474001	-2.1097	0.283778	0.704755	-1.41893	0.140542	0.607642	-1.64568	0.398063	0.761946	-1.31243	0.00923125	2.82452	2.82452	0.000662233	0.194319	-5.14619	0.0249759	2.32123	2.32123	8.6625	13.5456	1.38996	1
cg08876130	KCNH3	0.00360027	0.000566755	7.74596	7.74596	0.100286	1.99402	1.99402	0.0737579	2.14689	2.14689	0.0414612	2.21973	2.21973	0.0103476	3.44877	3.44877	0.0387252	2.50313	2.50313	0.381556	1.43158	1.43158	0.0041058	3.00310295	9.42039	9.42039	0.0107209	3.14389	3.14389	8.81094	22.6835	1
cg09239106	KCNH3;KCNH3	0.00398147	0.00806516	4.81183	4.81183	0.0019155	1.58058	1.58058	0.0283636	1.90402	1.90402	0.0153538	1.73569	1.73569	0.0083688	4.75447	4.75447	0.0212649	3.59763	3.59763	0.0170626	8.12074	8.12074	0.000932268	9.82423	9.82423	0.0461903	2.87569	2.87569	7.86349	26.6307	2.01034	1
cg07923666	KCNH3	0.00455804	0.000471988	6.602446	-1.6599	0.144737	0.865444	-1.15548	0.619107	0.954817	-1.04732	0.886081	0.986862	-1.01331	0.0917918	0.842603	-1.1868	0.285375	1.1078	1.1078	0.000404795	0.5952862	-1.67987	0.588526	0.950858	-1.05168	0.910025	0.989625	-1.01048	7.5483	1.01757	0.119829	1
cg26345767	KCNH3	0.00736544	0.347607	0.841233	-1.18866	0.890968	0.154082	1.02482	0.00165171	0.447074	-2.23677	0.0197168	0.65436	-1.52846	0.256416	0.809172	-1.23583	0.702344	1.07078	1.07078	0.01686909	1.54239	1.54239	0.148322	0.831635	-1.20245	0.0155296	0.156818	-1.93492	6.51081	3.29459	0.449794	1
cg02122863	KCNH3	0.0100686	0.121107	1.61003	1.61003	0.19313	0.816385	1.25407	0.0155854	0.645351	-1.54955	0.90598	0.982822	-1.01748	0.0144547	0.641465	-1.55893	0.102748	1.29925	1.29925	0.0480329	1.39293	1.39293	0.0426274	0.679408	-1.47187	0.615729	1.07703	1.07703	5.44164	1.86692	0.302736	1
cg01256477	KCNH3	0.015317	0.0118623	0.525879	-1.90158	0.0356456	0.60634	-1.64924	0.406996	0.840676	-1.18952	0.773679	0.942714	-1.06077	0.00659093	0.485879	-2.05813	0.323158	0.811564	-1.23219	0.00232942	0.4190032	-2.38646	0.00809539	0.499673	-2.00131	0.693153	0.922064	-1.08452	5.14496	3.41107	0.589327	1
cg10695105	KCNH3	0.0205273	0.385331	2.68024	2.68024	0.580214	1.56369	1.56369	0.983194	0.992854	-1.01749	0.6568756	0.969759	-1.03141	0.7945425	1.03801	1.03801	0.366348	2.1464	2.1464	0.0027458	38.848	38.848	0.0923739	0.217739	-4.59266	0.0225268	0.47554	0.47554	4.6031	50.0232	9.53552	1
cg02509370	KCNH3	0.0209883	0.009488	0.519293	-1.9257	0.879377	0.970175	-1.03074	0.147998	0.731861	-1.36266	0.0789703	1.47539	1.47539	0.303829	0.807544	-1.23832	0.450276	1.65777	1.65777	0.410811	1.18257	0.826839	0.592815	-1.68083	0.00715404	0.485966	-2.05776	6.42791	2.91384	0.559665	1
cg25738529	KCNH3	0.0226319	0.0263631	1.84358	1.84358	0.0134027	1.51427	1.51427	0.0134259	1.83549	1.83549	0.0127653	1.82796	1.82796	0.0107766	2.60776	2.60776	0.0208224	2.12968	2.12968	0.0112368	1.6178438	1.61784	0.0149889	1.67489	1.67489	0.0125907	1.94205	1.94205	3.62458	6.16478	1.61254	1
cg20102673	KCNH3	0.0311101	0.0204086	1.580214	-1.7235	0.613942	1.10416	1.10416	0.010173	0.531895	-1.88007	0.297636	1.23407	1.23407	0.0200059	0.578793	-1.72773	0.163744	1.33574	1.33574	0.279563	1.2448	1.2448	0.566858	0.893366	-1.11936	0.517219	1.13644	1.13644	4.03432	2.42438	0.534167	1
cg02961087	KCNH3	0.0136035	0.451557	0.846973	-1.18068	0.632376	0.900897	-1.11001	0.600622	1.11925	1.11925	0.848649	1.04224	1.04224	0.582354	0.886681	-1.1278	0.328236	0.803711	-1.24423	0.00464088	0.303514	-3.29474	0.206739	0.749504	-1.33422	0.692873	0.917634	-1.08976	0.432599	2.91426	0.660091	1
cg20115910	KCNH3	0.035037	0.0771476	1.69485	1.69485	0.104676	0.621591	-1.60981	0.842343	0.940744	-1.05492	0.010501	2.37392	2.37392	0.285396	1.347	1.347	0.056934	1.78285	1.78285	0.0210501	2.2387	2.2387	0.0163363	1.3953	1.3953	0.0272542	2.01792	2.01792	3.86565	4.41267	1.01467	1
cg02914397	KCNH3	0.0418467	0.23942	0.670537	-1.49134	0.2837	0.696746	-1.43524	0.487195	0.795319	-1.25736	0.0917903	0.550003	-1.81817	0.00453203	0.293184	-3.41083	0.0690794	0.516894	-1.93463	0.0139402	0.3733156	-2.6787	0.028314	0.431748	-2.31636	0.0325624	0.444146	-2.25151	3.62223	6.03808	1.48173	1
cg26948629	KCNH3	1.53E-05	0.503643	1.83308	-1.18066	0.890968	0.154082	1.02482	0.00165171	0.447074	-2.23677	0.0197168	0.65436	-1.52846	0.256416	0.809172	-1.23583	0.702344	1.07078	1.07078	0.01686909	1.54239	1.54239	0.148322	0.831635	-1.20245	0.0155296	0.156818	-1.93492	6.51081	3.29459	0.449794	1
cg06514003	KCNH3	0.00114051	0.0101184	0.469095	-2.13176	0.259338	0.758301	-1.31874	0.0132824	0.488788	-2.04588	0.762083	0.931611	-1.07341	0.00640654	0.433195	-2.30843	0.00951356	0.4647206	-2.1519	4.15E-05	0.1617226	-6.18329	0.029764	0.46499	-2.16409	0.0143192	0.493388	2.0268	11.335	5.77143	0.766277	1
cg01409230	KCNH3	0.00504234	0.204565	0.626817	-1.59536	0.32804	0.703099	-1.42228	0.362432	0.721362	-1.38627	0.3853	1.36419	1.36419	0.000175595	0.1085571	-9.2106	0.177728	0.606683	-1.64831	0.0149838	2.83935	2.83935	0.888044	1.05038	1.05038	0.0633457	0.482934	-2.07068	7.31972	14.1134	1.71389	1
cg10484824	KCNH3	0.0757605	0.0757605	1.1562	-1.37183	0.612463	0.93343	-1.08555	1.3315	0.6655	0.2157232	-4.63559	0.00376416	0.471461	-2.1212	0.00566007	0.543164	-1.84114	0.00406609	0.38947	-2.56759	0.0060457	0.54779	-1.82552	0.1703103	0.782514	-1.27792	0.0550641	0.694151	-1.44061	15.1808	6.07254	0.396555	1
cg16656196	KCNH3	0.0116283	0.132587	0.738205	-1.35497	0.0631349	0.676217	-1.47882	0.377342	1.18639	1.18639	0.150659	1.33421	1.33421	0.0306144	1.95679	1.95679	0.17178	0.761626	-1.31298	0.0169995	1.72423	1.72423	0.00902604	1.86138	1.86138	0.156684	1.32786	1.32786	5.63062	3.12457	0.493266	1
cg23559331	KCNH3	0.0172782	0.20949	0.748249	-1.33617	0.208423	1.51427	1.51427	0.0134259	1.83549	1.83549	0.0127653	1.82796	1.82796	0.0107766	2.60776	2.60776	0.0208224	2.12968	2.12968	0.0112368	1.6178438	1.61784	0.0149889	1.67489	1.67489	0.0125907	1.94205	1.94205	3.62458	6.16478	1.61254	1
cg20438445	KCNH4	0.0345545	0.646801	0.875545	-1.14215	0.166704	0.653935	-1.5292	0.0126826	0.409642	-2.44116	0.190308	1.49118	1.49118	0.0157479	0.42636	-2.34544	0.0724789	0.561376	-1.78134	0.351777	1.31792	1.31792	0.05083358	0.526805	-1.89823	0.0459179	0.517308	-1.93308	3.88509	0.106655	1.16835	1
cg22458926	KCNH4	0.0409135	0.326806	0.788852	-1.26766	0.173388	0.710934	-1.4066	0.1718898	0.71126	-1.40596	0.0694023	0.621331	-1.60945	0.0166559	0.50401	-1.98362	0.225124	0.741938	-1.34782	0.0210252	0.363483	-2.75116	0.159357	0.70304	-1.42239	0.0321156	0.555364	-1.80062	5.62558	3.17541	0.772765	1
cg23446773	KCNH4	0.00545155	0.177043	0.712604	-1.40291	0.0712626	0.944509	-2.22959	0.0167899	0.532092	-1.87901	0.1987171	0.888571	1.12538	0.2027564	0.607776	-1.64573	0.0208844	0.740986	1.34971	0.0125841	0.2705253	-3.69607	0.0040986	0.710551	-1.40761	0.0225021	0.510422	-1.95942	0.0242427	0.079662	0.995047	-1.00496	0.957141	1.36247	0.0513903	0.951903	1
cg17812788	KCNH4;KCNH4	0.0223294	0.311924	1.72951	1.72951	0.761541	0.852661	-1.1728	0.702157	1.2229	1.2229	0.615862	0.767263	-1.30333	0.36466	1.62879	1.62879	0.000620033	0.0633861	-15.7763	0.0685181	0.343716	-2.90938	0.349761	0.604064	-1.65545	0.331568	1.68984	1.68984	4.53076	19.6807	3.86114	1
cg02771509	KCNH5	0.786-05	0.0197587	0.614544	-1.62744	0.0706069	0.775523	-1.28945	0.0037252	0.662665	-1.50906	0.788091	0.965524	-1.03571	0.858987	0.977873	-1.02363	0.0822339	1.2741	1.2741	0.0053781	1.58602	1.58602	0.0133896	0.6796888	-1.47126	0.00793884	0.651628	-1.53462	6.62124	1.66762	0.222865	1
cg20482025	KCNH5;KCNH5	0.0048839	0.0048839	-1.05284	6.16E-06	0.349668	2.85986	0.0187617	0.749332	-1.34421	0.0210398	0.749551	-1.33413	0.2210199	0.876344	-1.1411	0.0094709	0.0095356	4.646204	-2.1519	4.15E-05	0.1617226	-6.18329	0.029764	0.46499	-2.16409	0.0143192	0.493388	2.0268	11.335	5.77143	0.766277	1
cg01409230	KCNH5	0.00504234	0.204565	0.626817	-1.59536	0.32804	0.703099	-1.42228	0.362432	0.721362	-1.38627	0.3853	1.36419	1.36419	0.000175595	0.1085571	-9.2106	0.177728	0.606683	-1.64831	0.0149838	2.83935	2.83935	0.888044	1.05038	1.05038	0.0633457	0.482934	-2.07068	7.31972	14.1134	1.71389	1
cg10484824	KCNH5	0.0757605	0.0757605	1.1562	-1.37183	0.612463	0.93343	-1.08555	1.3315	0.6655	0.2157232	-4.63559	0.00376416	0.471461	-2.1212	0.00566007	0.543164	-1.84114	0.00406609	0.38947	-2.56759	0.0060457	0.54779	-1.82552	0.1703103	0.782514	-1.27792	0.0550641	0.694151	-1.44061	15.1808	6.07254	0.396555	1
cg12321011	KCNH6;KCNH6	4.66E-07	0.16328	0.909966	-1.09894	0.000648936	1.39324	1.39324	0.083727	0.885704	-1.12904	7.78E-09	0.219497	-4.55587	0.395578	0.946327	-1.05672	0.595737	1.03453	1.03453	0.864912	0.9918185	-1.00825	0.098989	1.12152	1.12152	2.91E-06	0.492351	-2.03107	89.0754	5.67186	0.0565998	1
cg12342675	KCNH6;KCNH6	1.03E-05	1.23E-08	0.179134	-5.58127	0.00855303	0.538205	-1.85748	2.17E-06	0.280157	-3.56785	0.132494	0.799891	-1.25107	0.0719042	0.760396	-1.3151	0.0232574	0.686097	-1.45202	0.000440805	2.14511	2.14511	0.411947	0.891049	-1.12227	0.00615585	0.633219	-1.63074	40.3271	5.24006	0.126619	1
cg04937794	KCNH6;KCNH6	0.000861185	0.0705617	0.684852	-1.46037	0.188303	0.770181	-1.2984	0.0001114964	0.281621	-3.55087	0.309304	0.821117	-1.21785	0.000464754	0.350539	-2.85307	0.240022	1.25516	1.25516	0.000226484	0.3171129	-3.15329	0.219704	0.785252	-1.27348	0.508891	0.882284	-1.13374	12.2745	6.82134	0.493983	1
cg18975662	KCNH6;KCNH6	0.000865493	0.0101145	0.568483	-1.75907	0.0010472	0.429871	-2.32628	0.000433246	0.379608	-2.6343	0.703429	1.06884	1.06884	0.10471	0.734432	-1.3616	0.479905	1.13315	1.13315	0.0231886	1.60388	1.60388	0.000472699	0.384481	-2.60091	0.0126449	0.582996	-1.71528	12.2573	5.8816	0.42653	1
cg15034857	KCNH6;KCNH6	0.000900106	0.0868662	1.151525	1.151525	0.247016	0.61369	-1.63009	0.0001114964	0.281621	-3.55087	0.309304	0.821117	-1.21785	0.000464754	0.350539	-2.85307	0.197531	0.51172	-1.9549	0.000481366	0.0976422	-14.7837	0.0125841	0.372555	-2.68471	0.0135711	0.380195	-2.62984	15.5825	5.36922	0.40573	1
cg19441872	KCNH6;KCNH6	0.00313477	0.0053506	0.603528	-1.65692	0.199115	0.829639	-1.20534	7.22E-05	0.369778	-2.70432	0.342385	0.874018	-1.14414	0.0283348	0.700262	-1.42804	0.009104664	0.633742	-1.57793	0.854138	1.02566	1.02566	0.322917	0.868886	-1.1509	0.0866298	0.770574	-1.29773	8.44709	2.53484	0.266742	1
cg11308866	KCNH6;KCNH6	0.00687874	0.982628	1.00274	1.00274	0.0706069	0.775523	-1.28945	0.0037252	0.662665	-1.50906	0.788091	0.965524	-1.03571	0.858987	0.977873	-1.02363	0.0822339	1.2741	1.2741	0.0053781	1.58602	1.58602	0.0133896	0.6796888	-1.47126	0.00793884	0.651628	-1.53462	6.62124	1.66762	0.222865	1
cg20487025	KCNH6;KCNH6	0.00895641	0.0015453	0.586315	-1.70557	0.1206	0.722572	1.27537	0.00581453	0.593385	-1.68525	0.409356	0.885222	-1.12966	0.0293253	0.835724	-1.19657	0.830928	1.060578	-1.03138	0.00633871	0.598391	-1.67115	0.445376	1.1221	1.1221	0.0483447	1.39756	1.39756	6.1218	2.02414	0.293906	1
cg26846781	KCNH6;KCNH6	0.0111068	0.0108835	0.496373	-2.01461	0.09990266	0.489725	-2.04196	0.00084439	0.332995	-3.00305	0.0416515	0.597781	-1.67285	0.0731229	0.645403	-1.54942	0.329495	0.802134	-1.24668	0.196199	0.741247	-1.34908	0.0167714	0.527546	-1.89557	0.0158884	0.523578	-1.90993	5.7147	4.34436	0.675741	1
cg13520127	KCNH6;KCNH6	0.0263859	0.0263859	1.364311	-1.36127	0.791432	0.97497	-1.05307	0.0001114964	0.281621	-3.55087	0.309304	0.821117	-1.21785	0.000464754	0.350539	-2.85307	0.504553	0.863806	-1.15744	0.167607	0.8107973	1.352195	-2.83934	0.244206	1.30128	1.30128	0.346648	0.810972	-1.23309	5.47789	4.65516	0.658025	1
cg22097768	KCNH6;KCNH6	0.012733	0.133609	0.546605	-1.82948	0.154478	0.566089	-1.76651	0.0255326	0.371319	-2.6931	0.364122	0.705978	-1.41648	0.00560417	0.257219	-3.88773	0.449498	1.33336	1.33336	0.000568947	0.136323	-7.33553	0.174216	0.582965	-1.71537	0.208491	0.609561	-1.64052	5.46705	2.068	1.96214	1
cg08222159	KCNH6;KCNH6	0.0430304	0.0430304	1.2744	-1.36559	0.208158	0.729351	-1.37137	0.0023237	0.417549	-2.39455	0.0176548	0.745131	-1.34179	0.0117654	0.658668	-1.51859	0.0524316	0.798398	-1.3344	0.0111616	0.6596668	-1.51591	0.0139959	0.749403	-1.33434	0.0142627	0.728641	-1.37206	5.6965	3.84317	0.538448	1
cg18515061	KCNH6;KCNH6	0.0326075	0.128393	0.550493	-1.81655	0.188597	0.65856	-1.65856	0.647643	1.18192	1.18192	0.198334	1.63848	1.63848	0.00171997	0.196933	5.07786	0.741789	1.886838	-1.1276	0.513211	0.7859631	-1.27233	0.138504	0.560318	-1.7847	0.0951884	0.513797	-1.94629	3.96706	2.28872	1.85723	1
cg14983936	KCNH7	0.0297773	0.502881	1.36309	1.36309	0.452792	0.70579	-1.41685	0.0374026	0.332748	-3.00528	0.111966	0.456863	-2.18884	0.00251936	0.147938	-6.75958	0.20865	0.546718	-1.8291	0.0251631	0.297279	-3.36384	0.188879	1.88541	1.88541	0.739809	0.859129	-1.16397	4.09766	13.469	2.92177	1
cg12302070	KCNH7	7.9E-05	0.0376048	1.12826	1.12826	0.262555	0.960718	1.06018	0.0223852	0.876978	-1.13934	0.0368641	0.707664	-1.41348	0.0065842	1.14085	1.14085	0.0010749	2.12742	2.12742	0.0065187	2.5932232	2.5932232	0.0010081	2.1686	2.1686	0.0060855	1.49488	1.49488	0.00260869	1.23196	1.23196	3.94428	1.38517	0.0352367	1
cg26974327	KCNH7	0.00090508	0.130461	1.32249	1.32249	0.00124267	2.24237	2.24237	1.88E-05	4.43831	4.43831	0.638709	1.0843	1.0843	0.469824	1.1341	1.1341	0.087653	1.38077	1.38077	0.117672	0.7476664	-1.3375	0.960498	1.00851	1.00851	0.194304	1.26491	1.26491	12.1034	5.61449	0.412333	1
cg19208056	KCNH7	0.00228056	0.0959382	1.1562	1.1562	0.0226609	0.727899	-1.37459	0.0001114964	0.281621	-3.55087	0.309304	0.821117	-1.21785	0.000464754	0.350539	-2.85307	0.0822339	1.2741	1.2741	0.0053781	1.58602	1.58602	0.0133896	0.6796888	-1.47126	0.00793884	0.651628	-1.53462	6.62124	1.66762	0.222865	1
cg19965810	KCNH7	0.00370141	0.00476432	1.3699	1.3699	0.416757	0.72019	-1.07219	0.0115298	1.30389	1.30389	0.0051482	1.57651	1.57651	0.0175257	0.953243	-1.04905	0.659228	0.962937	-1.03848	0.0153616	1.1369	1.1369	0.678948	0.96666	-1.03449	0.0030171	1.48187	1.48187	0.037388	0.897886	0.0092949	1
cg07486085	KCNH7;KCNH7	0.0191175	0.0524295	0.374789	-2.66817	0.00111889	0.1182	-8.46021	0.192601	0.540908	-1.84874	0.834822	0.911277	-1.09736	0.0121116	0.248655	-4.02163	0.132402	0.488065	-2.04891	0.0163644	0.2709963	-3.69057	0.0343501	0.333435	-2.99909	0.416064	0.690835	-1.44752	4.77709	14.9791	2.78722	1
cg17782495	KCNH7;KCNH7	0.0102435	0.159153	0.509688	-1.96169	0.347124	0.54278	-1.84257	0.409408	0.45916	-2.17816	0.138398	0.94113	-1.06242	0.0554752	0.612558	-1.63257	0.504553	0.863806	-1.15744	0.167607	0.8107973	1.352195	-2.83934	0.244206	1.30128	1.30128	0.346648	0.810972	-1.23309	5.47789	4.65516	0.658025	1
cg09459425	KCN

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg14116439	KCNIP4;KCNIP4;KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.00104882	0.790566	1.07212	1.07212	0.861355	1.04679	1.04679	0.629617	1.13556
cg18206137	KCNIP4;KCNIP4;KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.0204289	0.464331	0.894397	-1.11807	0.132182	1.2757	1.2757	0.883981	0.978356
cg02861293	KCNJ10	4.56E-05	0.001139	0.698031	-1.4326	0.0598534	1.17294	1.17294	2.17E-05	1.89902
cg17495154	KCNJ10	0.00170399	0.960745	1.00455	1.00455	0.0585794	1.21769	1.21769	0.2517	1.1167
cg14008399	KCNJ10	0.00212476	0.00320483	0.620707	-1.61107	0.029151	1.35625	1.35625	0.0081568	0.669409
cg07135388	KCNJ10	0.0117856	0.477033	1.09414	1.09414	0.225156	1.17177	1.17177	0.614338	1.06526
cg26681210	KCNJ10	0.0121553	0.645398	1.1738	1.1738	0.366684	1.37813	1.37813	0.202736	1.59213
cg11161440	KCNJ10	0.0310867	0.783609	0.913014	-1.09527	0.517951	1.24195	1.24195	0.555012	0.820881
cg07013799	KCNJ11;KCNJ11	0.00424125	0.715907	0.925782	-1.08017	0.252767	1.28665	1.28665	0.305886	1.25067
cg22710661	KCNJ11;KCNJ11	0.0102627	0.786319	1.04601	1.04601	0.518391	1.11449	1.11449	0.826437	1.03703
cg24495844	KCNJ11;KCNJ11	0.0267438	0.105327	0.595806	-1.6784	0.939632	1.02241	1.02241	0.188942	0.665452
cg11839944	KCNJ11;KCNJ11;KCNJ11	0.00517213	0.104037	1.4692	1.4692	0.00215825	2.54011	2.54011	0.000515187	3.2321
cg23741719	KCNJ11;KCNJ11;KCNJ11	0.0174495	0.256568	0.758711	-1.31802	0.222091	1.34882	1.34882	0.0261843	1.84985
cg08999764	KCNJ12	0.00327706	0.00791343	1.32945	1.32945	0.0568048	1.1975	1.1975	0.000518801	0.635951
cg09488184	KCNJ12	0.0131125	0.304746	0.836232	-1.19584	0.947738	1.01109	1.01109	0.0178278	0.6159
cg15941945	KCNJ12	0.0139906	0.452685	0.838575	-1.1925	0.180304	0.720785	-1.38738	0.0284805	0.551603
cg11005943	KCNJ12	0.0249396	0.223307	0.758244	-1.31884	0.326517	1.24495	1.24495	0.185601	0.738165
cg13952688	KCNJ12	0.0297822	0.0497852	0.638374	-1.56648	0.0384775	0.618209	-1.61758	0.103289	0.69949
cg24655009	KCNJ12	0.0400939	0.0620256	0.717303	-1.39411	0.0274627	0.662056	-1.51045	0.00980061	0.596698
cg22642718	KCNJ12	0.0458546	0.381714	0.744763	-1.34271	0.381053	0.744442	-1.34329	0.320399	0.713734
cg11413133	KCNJ12	0.0464573	0.0565649	18.108	18.108	0.0648334	16.1598	16.1598	0.366625	3.47143
cg21515032	KCNJ14	0.00050256	0.00610338	0.528945	-1.89056	0.0233749	0.617539	-1.61933	0.000865547	0.410844
cg20434505	KCNJ14	0.00500665	0.109203	0.763173	-1.31032	0.385455	1.14761	1.14761	0.153686	1.26662
cg15731435	KCNJ14	0.0116746	0.0170479	3.24343	3.24343	0.0107918	0.273753	-3.65293	0.169927	0.553571
cg07990198	KCNJ14	0.0280225	0.0716748	0.424417	-2.35618	0.351193	1.50514	1.50514	0.516421	1.32362
cg00549018	KCNJ14;KCNJ14	1.26E-05	0.318391	1.17028	1.17028	0.00747733	1.69058	1.69058	0.0768853	1.34982
cg15086820	KCNJ14;KCNJ14	2.31E-05	0.0110848	0.612639	-1.63228	0.638373	1.07554	1.07554	1.01E-05	0.23289
cg07685765	KCNJ14;KCNJ14	0.000245611	0.266685	0.777714	-1.28582	0.00881364	0.484583	-2.06363	0.991649	0.997729
cg00902741	KCNJ14;KCNJ14	0.00263865	0.600473	1.18085	1.18085	0.462285	0.790256	-1.26541	0.215612	0.663656
cg04899500	KCNJ14;KCNJ14	0.00737939	0.00761447	2.08678	2.08678	0.00906919	2.03578	2.03578	0.0203434	1.82122
cg16848708	KCNJ14;KCNJ14	0.0139853	0.383561	1.31927	1.31927	0.282787	1.41354	1.41354	0.0104828	0.368254
cg19741777	KCNJ14;KCNJ14	0.0175338	0.0900162	1.49117	1.49117	0.0341996	1.69623	1.69623	0.208674	1.32764
cg20701333	KCNJ14;KCNJ14	0.0233792	0.000693008	2.87636	2.87636	0.873347	1.03309	1.03309	0.378285	1.20259
cg21537063	KCNJ14;KCNJ14	0.0454961	0.512726	0.78429	-1.27504	0.211749	0.617878	-1.61844	0.415965	0.737648
cg08699977	KCNJ14;KCNJ14	0.0481848	0.326063	1.32903	1.32903	0.0159895	0.437191	-2.28733	0.0108818	0.407844
cg03993463	KCNJ15	0.000130772	0.00175302	0.314811	-3.17651	0.226162	0.719369	-1.39011	0.00378989	0.363402
cg18248112	KCNJ15;KCNJ15	6.77E-05	0.175502	0.824842	-1.21235	0.190468	0.830837	-1.20361	9.53E-06	0.279273
cg13966313	KCNJ15;KCNJ15	7.31E-05	0.732476	1.11546	1.11546	0.302027	0.71142	-1.40564	0.00339436	0.28131
cg24751551	KCNJ15;KCNJ15	0.0347815	0.203044	0.395961	-2.5255	0.0967871	0.284554	-3.51428	0.131243	0.325169
cg11073104	KCNJ15;KCNJ15;KCNJ15	5.08E-05	0.00019213	0.35345	-2.82925	0.084455	0.729028	-1.37169	5.70E-06	0.18401
cg08435240	KCNJ15;KCNJ15;KCNJ15	0.000108483	0.0187348	0.417122	-2.39738	0.0399306	0.482442	-2.07279	1.92E-05	0.0696342
cg19737179	KCNJ15;KCNJ15;KCNJ15	0.000113756	0.576163	0.827273	-1.20879	0.117088	0.564629	-1.77107	0.00717247	0.311755
cg08320524	KCNJ15;KCNJ15;KCNJ15	0.000294825	0.0881182	0.691592	-1.44594	0.111155	1.40501	1.40501	0.000578348	0.352303
cg12746557	KCNJ15;KCNJ15;KCNJ15	0.00049101	0.159208	1.45247	1.45247	0.00161818	3.06851	3.06851	0.00483568	0.395632
cg13863153	KCNJ15;KCNJ15;KCNJ15	0.00892248	0.0121944	0.146632	-6.8198	0.0187957	0.173813	-5.7533	0.0114063	0.142786
cg26235187	KCNJ15;KCNJ15;KCNJ15	0.0178073	0.591843	0.714885	-1.39883	0.577454	1.41766	1.41766	0.5782	0.705881
cg19788186	KCNJ15;KCNJ15;KCNJ15	0.0414583	0.0703357	0.322727	-3.09859	0.00158653	0.0792805	-12.6134	0.0788781	0.335899
cg02070290	KCNJ16;KCNJ16	0.00667452	0.185767	1.26909	1.26909	0.0843655	0.723049	-1.38303	0.00837993	0.564352
cg26960719	KCNJ16;KCNJ16	0.0108461	0.115406	0.762358	-1.31172	0.450543	0.885255	-1.12962	0.03619	1.47133
cg22143285	KCNJ16;KCNJ16	0.0264519	0.169417	0.538294	-1.85772	0.0535031	0.395389	-2.52915	0.172091	0.540642
cg18432768	KCNJ16;KCNJ16;KCNJ16	3.97E-05	0.000125986	0.261527	-3.8237	4.42E-06	0.119554	-8.36445	0.262969	0.791012
cg07862930	KCNJ16;KCNJ16;KCNJ16	0.0043832	0.234267	0.532439	-1.87815	0.000255596	0.0476263	-20.9968	0.0152543	0.22177
cg04782692	KCNJ16;KCNJ16;KCNJ16	0.0103206	0.0955669	0.782238	-1.27838	0.086174	0.775446	-1.28958	0.438613	0.899452
cg10858415	KCNJ16;KCNJ16;KCNJ16	0.0149692	0.641776	1.07494	1.07494	0.00687419	0.582882	-1.71561	0.00773909	1.69487
cg12389490	KCNJ16;KCNJ16;KCNJ16	0.0229834	0.0899433	0.356913	-2.8018	0.00145975	0.0793739	-12.5986	0.011565	0.175429
cg05193832	KCNJ1;KCNJ1;KCNJ1;KCNJ1	7.71E-05	0.00813487	1.54981	1.54981	0.0387115	0.733734	-1.36289	0.00730526	0.639316
cg04191300	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.000164364	0.0103958	1.90856	1.90856	0.000387408	3.10705	3.10705	0.0236875	1.71767
cg13267718	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.000571438	0.9182	0.969039	-1.03195	0.169409	0.638803	-1.56543	0.0989334	0.574725
cg13675753	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.00102326	0.516501	0.758661	-1.31811	0.000767574	0.11773	-8.494	0.191037	0.55916
cg27056194	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.0122654	0.437569	0.656387	-1.52349	0.0569228	0.31808	-3.14387	0.013826	0.198392
cg10280034	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.0302016	0.100663	1.55501	1.55501	0.261894	0.750339	-1.33273	0.0637808	0.599531
cg22721851	KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.00246581	0.00181296	0.15902	-6.28851	0.0068678	0.23426	-4.26876	0.00674913	0.233131
cg25194720	KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.0091659	0.81017	0.914857	-1.09307	0.0375201	0.409649	-2.44111	0.0014627	0.182847
cg07168810	KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.024603	0.179954	0.550814	-1.8155	0.0541339	0.400387	-2.49758	0.00572069	0.219311
cg25837340	KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.0433769	0.159648	0.446338	-2.24045	0.00840208	0.164115	-6.0933	0.0241097	0.236013
cg04367216	KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.0486058	0.199288	0.354251	-2.82286	0.0115775	0.0893163	-11.1962	0.220513	0.373215
cg12204395	KCNJ2	7.12E-05	1.78E-05	0.107247	-9.32428	0.0530237	1.74978	1.74978	0.00600546	0.401059
cg18984165	KCNJ2	0.00209177	0.0412151	1.42867	1.42867	0.000840796	2.13999	2.13999	0.000905462	0.47145
cg24280925	KCNJ2	0.00223664	0.0168144	0.430378	-2.32354	0.0363378	0.494991	-2.02024	0.0235801	0.457805
cg19042062	KCNJ2	0.00679179	0.0386865	0.774406	-1.29131	0.00104806	0.595818	-1.67837	0.599914	0.945056
cg08214584	KCNJ2	0.031483	0.606548	1.07212	1.07212	0.257232	1.17176	1.17176	0.108302	0.790685
cg26779716	KCNJ2	0.0347479	0.0234667	0.689113	-1.45114	0.0307672	1.41768	1.41768	0.273914	1.16956
cg06942027	KCNJ2	0.0463693	0.00746125	0.0850713	-11.7548	?	?	?	0.763603	0.805933
cg25724441	KCNJ2;KCNJ2	0.00713752	0.224817	0.812737	-1.23041	0.124058	1.31109	1.31109	0.00348326	1.90557
cg23491599	KCNJ3	0.000459261	0.553336	0.863869	-1.15758	0.757474	1.07852	1.07852	0.198914	0.718006
cg25534294	KCNJ3	0.00595192	0.608859	1.19424	1.19424	0.000776388	5.7502	5.7502	0.0235871	2.53403
cg25932748	KCNJ3	0.00607261	?	?	?	0.657251	1.08722	1.08722	0.0141218	1.79696
cg14574037	KCNJ3	0.0102211	0.00141855	0.513788	-1.94633	0.0907259	0.764335	-1.30833	0.00158097	0.519862
cg11706467	KCNJ3	0.0376366	0.61597	1.2612	1.2612	0.757885	1.15245	1.15245	0.390968	0.668075
cg13151102	KCNJ4	0.000644323	0.000343197	0.4478	-2.23314	0.00153242	0.529629	-1.88811	0.876198	1.02197
cg25142308	KCNJ4	0.00243286	0.00426287	0.468709	-2.13352	0.00449542	0.472121	-2.1181	0.0735862	0.673502
cg18871020	KCNJ4	0.0223628	0.600477	0.917653	-1.08974	0.110857	0.7539	-1.32644	0.512556	0.897621
cg02957576	KCNJ4	0.0256581	0.0605889	0.60975	-1.64002	0.0944745	1.53696	1.53696	0.418952	1.21301
cg17566867	KCNJ4	0.0340101	0.377633	0.905885	-1.10389	0.078148	0.805424	-1.24158	0.517653	0.931009
cg23572608	KCNJ4;KCNJ4	0.0409555	0.0596998	0.695705	-1.43739	0.241773	1.2255	1.2255	0.0475786	0.67779
cg17341965	KCNJ5	0.00794597	0.0195005	7.47636	7.47636	0.12996	0.311762	-3.20758	0.187394	0.369507
cg05078611	KCNJ5	0.0109615	0.115335	1.29293	1.29293	0.0484486	0.712944	-1.40263	0.0231236	0.665264
cg08360771	KCNJ5	0.0162322	0.00655523	0.270241	-3.7004	0.0476337	0.432028	-2.31467	0.00924103	0.294022
cg09012125	KCNJ5	0.0470076	0.0140825	0.25413	-3.93499	0.0843577	0.421879	-2.37035	0.176619	0.522418
cg05877694	KCNJ5;C11orf45	0.00225315	0.00135235	0.538077	-1.85847	0.00079661	0.509403	-1.96308	0.424172	0.897008
cg03802696	KCNJ5;C11orf45	0.0198373	0.126431	0.601936	-1.66131	0.00494444	0.318931	-3.13548	0.00224425	0.268882
cg19979370	KCNJ5;C11orf45	0.0364864	0.92077	0.979334	-1.0211	0.71579	0.926119	-1.07977	0.0114552	0.514744
cg13465587	KCNJ6	0.00370725	0.0129534	0.614021	-1.62861	0.688102	0.938182	-1.06589	0.387734	0.869366
cg01360586	KCNJ6	0.0099067	0.902856	1.08819	1.08819	0.0395689	5.19477	5.19477	0.0956243	3.55043
cg05030251	KCNJ6	0.0108471	0.225685	1.3857	1.3857	0.18598	1.43264	1.43264	0.155218	1.47693
cg20424643	KCNJ6	0.0159152	0.00850544	0.532767	-1.87699	0.435107	0.861307	-1.16103	0.812483	0.956421
cg20515679	KCNJ6	0.0161593	0.0312687	0.44158	-2.26459	0.00230212	0.252102	-3.96665	0.217193	0.657059
cg12367786	KCNJ6	0.0202689	0.483718	0.703519	-1.42143	0.770898	1.1552	1.1552	0.0327491	0.291041
cg07827943	KCNJ6	0.0222743	0.0421165	0.763935	-1.30901	0.0104824	0.690425	-1.44838	0.0475726	0.77061
cg20252850	KCNJ6	0.0292336	0.600855	1.07404	1.07404	0.21716	0.838869	-1.19208	0.0551905	1.34197
cg08688551	KCNJ8	0.000963906	0.896751	0.977336	-1.02319	0.403034	1.16312	1.16312	0.000164137	3.11028
cg04027548	KCNJ8	0.00203965	0.0503898	2.79324	2.79324	9.89E-05	24.1285	24.1285	0.0144716	4.00604
cg03352106	KCNJ8	0.00600053	0.0198878	8.74303	8.74303	0.00124511	38.0377	38.0377	0.0237671	8.01764
cg18440902	KCNJ8	0.0094333	0.325451	1.0909	1.0909	0.000711184	0.64285	-1.55557	0.671185	1.03727
cg11694490	KCNJ8	0.00952995	0.00941477	0.755579	-1.32349	0.865737	1.01451	1.01451	0.225886	1.11436
cg09210286	KCNJ8	0.0166083	0.000585435	0.391925	-2.55151	0.0340899	0.646678	-1.54636	0.959398	0.991067
cg16739441	KCNJ8	0.0171245	0.048785	5.41653	5.41653	0.00234318	24.2508	24.2508	0.0152715	9.35876
cg01226811	KCNJ8;KCNJ8	0.00423213	0.39922	0.894459	-1.11799	0.000625453	1.9735	1.9735	0.000554626	1.99878
cg00026803	KCNJ9	0.000457575	0.027691	0.626388	-1.59645	0.0049918	0.512838	-1.94993	0.00277765	2.09867
cg08187246	KCNJ9	0.0113367	0.0137555	4.11724	4.11724	0.00873144	4.72292	4.72292	0.0302219	3.26744
cg06808585	KCNJ9	0.0188809	0.152314	0.866564	-1.15398	0.0222731	0.774234	-1.2916	0.0506493	1.23124
cg07187808	KCNJ9	0.0201184	0.076457	2.25631	2.25631	0.00407726	4.91189	4.91189	0.610892	1.23598
cg09808786	KCNJ9;KCNJ9	0.0117558	0.598945	1.24138	1.24138	?	?	?	0.0636635	0.427646
cg13110283	KCNK1	0.00683453	0.262809	1.64882	1.64882	0.649841	1.21624	1.21624	0.028364	3.0296
cg11382055	KCNK1	0.00934541	0.0127706	1.73566	1.73566	0.0401072	0.655221	-1.5262	0.160928	1.30592
cg14249872	KCNK1	0.0309675	0.350675	1.18907	1.18907	0.00384238	2.01857	2.01857	0.142406	1.3288
cg05296192	KCNK10;KCNK10	0.000921175	0.027235	1.39542	1.39542	0.00194101	1.74895	1.74895	0.000813384	1.90358
cg22873661	KCNK10;KCNK10	0.00976594	0.467326	1.19701	1.19701	0.00170713	2.97162	2.97162	0.00505936	2.46266
cg17671157	KCNK10;KCNK10	0.0297547	0.191274	0.843735	-1.18521	0.0154008	1.45358	1.45358	0.00755448	1.54619
cg23080559	KCNK10;KCNK10	0.0320978	0.0405928	0.660764	-1.5134	0.205089	1.26402	1.26402	0.00328848	2.01749
cg02330264	KCNK10;KCNK10	0.0324062	0.483397	1.12313	1.12313	0.420098	0.87434	-1.14372	0.786022	0.956608
cg10325478	KCNK10;KCNK10	0.0374486	0.790157	0.932222	-1.07271	0.813136	1.0643	1.0643	0.03375	1.92022
cg05256903	KCNK10;KCNK10;KCNK10	1.02E-05	0.00326138	0.7145	-1.39958	0.567924	1.04957	1.04957	1.02E-06	0.341369
cg23189698	KCNK10;KCNK10;KCNK10	0.00123288	0.00809204	1.74689	1.74689	0.00783369	0.570426	-1.75307	0.0337267	1.50366
cg26681176	KCNK10;KCNK10;KCNK10	0.00445258	0.0807365	0.54774	-1.82568	0.000944917	0.216012	-4.62938	0.592911	0.845587
cg01638312	KCNK10;KCNK10;KCNK10	0.0495064	0.217335	1.22735	1.22735	0.174099	1.25635	1.25635	0.0248436	0.65603
cg13278115	KCNK12	0.000652881	0.0538419	1.28886	1.28886	0.00701066	0.667539	-1.49804	0.4117	0.907284
cg14556391	KCNK12	0.00541135	0.565724	0.882413	-1.13326	0.025552	1.77118	1.77118	0.932758	0.981982
cg17353680	KCNK12	0.00593363	0.00313709	1.85146	1.85146	0.00125755	2.05102	2.05102	0.211672	1.22225
cg08074851	KCNK12	0.00727929	0.0521325	0.638479	-1.56622	0.544539	0.882885	-1.13265	0.63895	1.10073
cg00042186	KCNK12	0.0100462	0.0664065	3.14118	3.14118	0.00940446	6.23687	6.23687	0.263646	1.91145
cg19614911	KCNK12	0.0257785	0.0896978	2.49172	2.49172	0.00462686	6.28837	6.28837	0.130992	2.21618
cg13913015	KCNK12	0.0364592	0.579894	0.845007	-1.18342	0.202548	1.49965	1.49965	0.164522	0.639739
cg04981611	KCNK12	0.0387768	0.0115978	0.600182	-1.66616	0.283018	1.19776	1.19776	0.337706	1.17338
cg13223402	KCNK12	0.0410844	0.0771254	0.432971	-2.30962	0.00283748	5.7565	5.7565	0.335618	1.52637
cg05182249	KCNK13	8.39E-06	0.197069	0.815755	-1.22586	1.09E-06	6.66267	6.66267	0.0745008	1.34543
cg25874421	KCNK13	2.32E-05	0.611768	0.876755	-1.14057	1.67E-06	21.9265	21.9265	0.612559	0.877016
cg18499667	KCNK13	3.99E-05	0.75027	1.0998	1.0998	0.250541	1.43	1.43	0.211646	1.47991
cg00881552	KCNK13	4.85E-05	0.892924	1.01947	1.01947	0.13528	1.25919	1.25919	0.247668	0.841123

Probeset ID	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)
cg14116439	1.13556	0.0609114	0.575429	-1.73783	0.000526345	0.243359	-4.10915	0.277869	1.34341	1.34341	0.000195577	0.19421	-5.14906	0.981683	1.00602
cg18206137	-1.02212	0.274365	0.843295	-1.18582	0.900817	1.01886	1.01886	0.00151866	1.98244	1.98244	0.0146983	1.56839	1.56839	0.136318	0.786216
cg02861293	1.89902	0.523692	1.04975	1.04975	0.000448724	0.659799	-1.51561	0.081553	1.15607	1.15607	3.03E-05	1.84516	1.84516	0.00491577	1.32303
cg17495154	1.1167	0.0160032	1.31235	1.31235	0.405584	1.08159	1.08159	0.567258	1.05475	1.05475	7.93E-05	0.518179	-1.92983	0.961948	0.995612
cg14008399	-1.49386	0.0462434	0.762859	-1.31086	0.291647	0.878359	-1.13849	0.00435837	1.57064	1.57064	0.00425058	1.57386	1.57386	0.138452	0.82773
cg07135388	1.06526	0.823832	0.972638	-1.02813	0.0478255	1.32517	1.32517	0.0918003	0.793764	-1.25982	0.00104368	0.546703	-1.82915	0.600763	1.06791
cg26681210	1.59213	0.630955	1.18222	1.18222	0.00440456	0.26854	-3.72385	0.0493199	0.460276	-2.17261	0.00190059	0.218351	-4.57978	0.178164	1.64016
cg11161440	-1.2182	0.586737	1.19895	1.19895	0.000677838	0.179538	-5.56986	0.498179	0.796658	-1.25524	0.351692	1.37279	1.37279	0.621596	1.17878
cg07013799	1.25067	0.259905	0.780392	-1.28141	0.000137635	0.248857	-4.01838	0.429994	1.18527	1.18527	0.0227744	1.77721	1.77721	0.507402	0.867709
cg22710661	1.03703	0.481224	1.12584	1.12584	0.948887	0.989442	-1.01067	0.473098	0.886203	-1.12841	0.000131139	0.333201	-3.00119	0.6908	1.06843
cg24495844	-1.50274	0.0012803	0.253051	-3.95177	0.494086	1.22534	1.22534	0.0412874	0.502147	-1.99145	0.287372	0.723779	-1.38164	0.944339	0.979774
cg11839944	3.2321	0.702797	0.92037	-1.08652	0.0154172	1.90304	1.90304	0.140044	1.4101	1.4101	0.526633	0.870344	-1.14897	0.135493	0.705912
cg23741719	1.84985	0.338989	0.794679	-1.25837	0.00126909	0.334027	-2.99377	0.277676	0.768555	-1.30114	0.245483	1.32745	1.32745	0.122188	0.676635
cg08999764	-1.57245	0.900354	1.01053	1.01053	0.0751821	1.18016	1.18016	0.850318	1.01592	1.01592	0.151579	0.879453	-1.13707	0.0127848	0.772151
cg09488184	-1.62364	0.590033	1.09585	1.09585	0.277161	0.8268	-1.20948	0.686549	0.93401	-1.07065	0.00671623	1.80676	1.80676	0.00183172	0.474748
cg15941945	-1.8129	0.642041	0.897871	-1.11375	0.06783	0.624557	-1.60114	0.154954	0.704494	-1.41946	0.00471624	2.37267	2.37267	0.0107761	0.478458
cg11005943	-1.35471	0.0119911	0.507687	-1.96972	0.0111147	0.502316	-1.99078	0.0687404	0.643636	-1.55367	0.331966	1.2417	1.2417	0.169201	0.728485
cg13952688	-1.42961	0.0595638	0.652797	-1.53187	0.098735	0.695507	-1.4378	0.340917	0.82132	-1.21755	0.0812673	0.678655	-1.4735	0.0034383	0.450664
cg24655009	-1.67589	0.948732	1.01022	1.01022	0.5265	0.903498	-1.10681	0.846739	0.969865	-1.03107	0.0709138	1.37585	1.37585	0.333515	0.854077
cg22642718	-1.40108	0.748552	1.11142	1.11142	0.018055	0.389294	-2.56875	0.160699	0.611291	-1.63588	0.0314628	2.29049	2.29049	0.142943	0.596211
cg11413133	3.47143	0.156716	7.63404	7.63404	0.0367559	25.9374	25.9374	0.053736	18.8992	18.8992	0.00771071	98.8429	98.8429	0.0137693	59.5068
cg21515032	-2.43401	0.615536	0.913848	-1.09427	0.0483562	0.669405	-1.49386	0.007203	0.539489	-1.85361	1.39E-05	0.199045	-5.024	0.594687	1.10026
cg20434505	1.26662	0.0603182	0.720498	-1.38793	0.000218236	0.38525	-2.59572	0.211354	0.815666	-1.22599	0.00576642	0.571325	-1.75032	0.517377	1.1069
cg15731435	-1.80645	0.580639	1.25324	1.25324	0.0253537	0.341201	-2.93082	0.367317	1.45445	1.45445	0.00771678	3.99327	3.99327	0.191898	1.74865
cg07990198	1.32362	0.511168	1.32842	1.32842	0.1477	0.51586	-1.93851	0.163007	0.530163	-1.88621	0.00148963	0.141957	-7.0444	0.420166	1.42046
cg00549018	1.34982	0.0807184	1.34357	1.34357	0.166864	0.798744	-1.25197	0.000166125	0.376008	-2.65952	2.47E-07	0.0956168	-10.4584	0.336668	1.16305
cg15086820	-4.29387	0.193315	1.23585	1.23585	1.61E-06	0.156002	-6.41017	0.542255	0.909466	-1.09955	0.0258777	1.5022	1.5022	0.0159	1.57503
cg07685765	-1.00228	0.209383	1.33298	1.33298	0.00043754	0.299075	-3.34364	0.670968	0.911349	-1.09727	4.72E-06	0.102621	-9.74455	0.916353	0.977436
cg00902741	-1.50681	0.0288216	0.444443	-2.25001	0.000256997	0.150614	-6.6395	0.959546	1.01608	1.01608	0.000304778	0.157916	-6.33247	0.457243	1.26891
cg04899500	1.82122	0.0231229	1.78998	1.78998	0.109954	1.45281	1.45281	0.521211	0.869893	-1.14957	0.0013467	2.71388	2.71388	0.00922611	2.03087
cg16848708	-2.71551	0.0938861	1.77047	1.77047	0.00269023	0.276318	-3.61901	0.0131431	0.38536	-2.59498	0.752812	1.10294	1.10294	0.649593	0.867759
cg19741777	1.32764	0.308007	1.25312	1.25312	0.823123	1.04904	1.04904	0.0111443	0.506444	-1.97455	0.638284	1.10655	1.10655	0.00211657	2.51924
cg20701333	1.20259	0.0757441	1.4969	1.4969	0.0100627	1.94035	1.94035	0.160215	1.35825	1.35825	0.135318	1.38891	1.38891	0.211408	1.30825
cg21537063	-1.35566	0.0913614	1.97481	1.97481	0.0355353	0.408331	-2.44899	0.00244561	0.213726	-4.67888	0.929216	1.03305	1.03305	0.732733	0.882095
cg08699977	-2.45192	0.568931	1.17528	1.17528	0.555252	0.845875	-1.18221	0.397119	1.27537	1.27537	0.104514	0.60788	-1.64506	0.224293	0.699002
cg03993463	-2.75178	0.667069	1.1187	1.1187	5.93E-06	0.0717227	-13.9426	0.871087	1.04299	1.04299	0.000280321	0.214456	-4.66296	0.00143923	0.303003
cg18248112	-3.58073	0.0013516	0.53678	-1.86296	1.07E-05	0.284657	-3.513	0.481995	1.10023	1.10023	0.000195384	0.432808	-2.31049	0.00574728	0.616386
cg13966313	-3.55479	0.87468	0.950981	-1.05155	0.0010662	0.214355	-4.66516	0.00510469	0.307772	-3.24916	6.56E-06	0.0409919	-24.3951	1.08E-05	0.0502931
cg24751551	-3.07533	0.0366975	0.187596	-5.3306	0.0108976	0.110403	-9.05772	0.441822	0.58233	-1.71724	0.00523251	0.0788895	-12.676	0.0230204	0.153444
cg11073104	-5.4345	0.00257036	0.500464	-1.99815	2.72E-05	0.253955	-3.93771	0.000543047	0.410558	-2.43571	0.650261	0.927202	-1.07851	7.76E-05	0.305844
cg08435240	-14.3608	0.00221046	0.26806	-3.73051	0.000113843	0.125017	-7.9989	0.00171433	0.253123	-3.95065	0.0031642	0.290064	-3.44751	1.94E-05	0.0698954
cg19737179	-3.20764	0.00320895	0.2591	-3.85952	4.41E-05	0.0742914	-13.4605	0.0129541	0.355016	-2.81678	6.08E-06	0.0332797	-30.0484	0.00211263	0.234279
cg08320524	-2.83847	0.162629	0.746712	-1.33921	0.00222317	0.431861	-2.31556	0.189572	0.761642	-1.31295	0.000126922	0.27067	-3.69454	4.47E-05	0.219886
cg12746557	-2.5276	0.000399696	0.247192	-4.04545	0.00267395	0.356968	-2.80137	0.555706	1.15935	1.15935	0.240058	0.736978	-1.35689	0.000959265	0.29513
cg13863153	-7.0035	0.167105	0.404416	-2.4727	0.126853	0.362413	-2.75928	0.03368	0.217666	-4.59419	0.0148088	0.158332	-6.31586	0.00112549	0.0524912
cg26235187	-1.41667	0.856874	1.11846	1.11846	0.00147341	0.0580784	-17.2181	0.0171327	0.165012	-6.06017	0.00412818	0.0920708	-10.8612	0.400536	0.586472
cg19788186	-2.97708	0.705056	0.808481	-1.23689	0.130659	0.40149	-2.49072	0.117406	0.386438	-2.58774	0.0448014	0.275909	-3.62438	0.0630156	0.310613
cg02070290	-1.77194	0.050364	1.46061	1.46061	0.649579	1.08079	1.08079	0.628374	1.08637	1.08637	0.0035524	1.95628	1.95628	0.985358	0.996888
cg26960719	1.47133	0.746675	1.05273	1.05273	0.00649991	0.570781	-1.75199	0.00655549	1.7504	1.7504	0.176087	1.25613	1.25613	0.727412	0.946034
cg22143285	-1.84965	0.663716	0.831022	-1.20334	0.00727773	0.23116	-4.32602	0.734231	1.15509	1.15509	0.00161466	0.147674	-6.77167	0.755504	0.876198
cg18432768	-1.2642	0.260337	1.26598	1.26598	0.835492	0.959088	-1.04266	0.00243286	0.428398	-2.33428	0.00827257	0.507466	-1.97057	8.94E-06	0.14465
cg07862930	-4.50918	0.341781	1.64075	1.64075	0.0167541	0.228577	-4.37489	0.00684454	0.170242	-5.87401	0.0566842	0.336072	-2.97555	0.00894717	0.186224
cg04782692	-1.11179	0.274237	0.858468	-1.16487	0.536128	1.08767	1.08767	0.0879214	1.2874	1.2874	0.00102741	1.92053	1.92053	0.0249525	1.43031
cg10858415	1.69487	0.0965702	0.754743	-1.32495	0.0885653	1.33612	1.33612	0.0693228	1.36806	1.36806	0.0516286	1.40727	1.40727	0.969128	0.994049
cg12389490	-5.70031	0.937286	0.957551	-1.04433	0.0898087	0.356728	-2.80326	0.0187092	0.207893	-4.81017	0.126712	0.402293	-2.48575	0.0873296	0.35329
cg05193832	-1.56417	0.49975	0.915214	-1.09264	1.56E-06	0.208478	-4.79667	0.212607	1.18504	1.18504	0.0361198	1.37051	1.37051	0.249351	1.16848
cg04191300	1.71767	0.244523	0.783597	-1.27617	0.0015121	0.400373	-2.49767	0.00617009	0.488942	-2.04523	0.0377879	1.62018	1.62018	7.43E-05	0.236532
cg13267718	-1.73996	0.384084	0.760917	-1.3142	0.00423549	0.309707	-3.22885	0.0177993	0.413919	-2.41593	0.0603755	0.522876	-1.9125	6.20E-06	0.0453014
cg13675753	-1.7884	?	?	?	0.00079788	0.119267	-8.38455	0.0116508	0.266109	-3.75786	0.129765	0.502964	-1.98821	8.07E-05	0.0504263
cg27056194	-5.04052	0.101818	0.385904	-2.59132	0.00702042	0.156746	-6.37973	0.109078	0.394951	-2.53196	0.00226789	0.103262	-9.68411	0.00278494	0.111701
cg10280034	-1.66797	0.893063	0.967518	-1.03357	0.167828	1.43463	1.43463	0.00619987	2.4018	2.4018	0.0281468	1.88991	1.88991	0.269102	0.753841
cg22721851	-4.28943	0.145514	0.523076	-1.91177	0.00474702	0.211208	-4.73467	0.00493894	0.213596	-4.68173	0.000388806	0.0958064	-10.4377	0.00385123	0.198935
cg25194720	-5.46904	0.155682	1.75371	1.75371	0.000954182	0.16196	-6.17436	0.293083	0.668097	-1.49679	0.215452	0.61747	-1.61951	0.668218	0.852622
cg07168810	-4.55973	0.24108	1.67183	1.67183	0.00613549	0.223692	-4.47043	0.240386	0.597651	-1.67322	0.0290059	0.340327	-2.93835	0.0638462	0.41796
cg25837340	-4.23705	0.853259	0.905384	-1.1045	0.0241395	0.236112	-4.23528	0.190802	0.475379	-2.10358	0.0194145	0.219337	-4.55919	0.0366265	0.271541
cg04367216	-2.67942	0.861355	0.874799	-1.14312	0.025869	0.132096	-7.57028	0.0854385	0.233439	-4.28377	0.0158113	0.104113	-9.60498	0.0158642	0.104282
cg12204395	-2.4934	0.00085241	0.279339	-3.57988	1.42E-05	0.100033	-9.99668	0.000869418	0.280451	-3.56568	0.000465477	0.246418	-4.05814	0.425017	0.812765
cg18984165	-2.12112	0.122484	1.28855	1.28855	0.732575	1.05333	1.05333	0.627547	0.928614	-1.07687	0.0284421	1.47956	1.47956	0.0391165	0.696518
cg24280925	-2.18433	0.00644113	0.35917	-2.7842	0.000512242	0.20854	-4.79523	0.562996	1.18411	1.18411	0.000240873	0.172774	-5.7879	0.849183	0.94647
cg19042062	-1.05814	0.00578575	0.679744	-1.47114	0.00669808	0.686928	-1.45576	0.97286	0.996374	-1.00364	0.140916	1.18423	1.18423	0.660044	0.953838
cg08214584	-1.26473	0.499436	0.912189	-1.09626	0.528909	0.918036	-1.08928	0.379099	1.12859	1.12859	0.0619729	0.754464	-1.32544	0.22319	1.18718
cg26779716	1.16956	0.0138308	1.51971	1.51971	0.735631	0.954449	-1.04772	0.860099	1.02457	1.02457	0.195405	0.828295	-1.2073	0.217536	0.836551
cg06942027	-1.2408	0.00516666	0.071284	-14.0284	0.386656	0.53006	-1.88658	0.916843	0.928016	-1.07757	0.599039	1.46157	1.46157	0.837634	1.15809
cg25724441	1.90557	0.0387633	0.677595	-1.47581	0.0664427	1.3976	1.3976	0.451752	1.13279	1.13279	0.00236544	0.501784	-1.99289	0.280412	0.833206
cg23491599	-1.39275	0.752115	0.925587	-1.0804	0.0991619	1.55447	1.55447	0.00821768	0.438187	-2.28213	5.91E-06	0.0835314	-11.9716	0.840462	1.05042
cg25534294	2.53403	0.930539	1.03044	1.03044	0.592407	0.830386	-1.20426	0.51668	0.797607	-1.25375	0.574211	0.822624	-1.21562	0.00108139	5.25754
cg25932748	1.79696	0.00367135	0.462093	-2.16407	0.173142	1.31493	1.31493	0.00227115	0.429929	-2.32596	0.165325	1.32262	1.32262	0.189774	1.2997
cg14574037	-1.92359	0.545119	0.915474	-1.09233	0.372225	0.876243	-1.14124	0.261191	0.844527	-1.1841	0.0036027	0.566472	-1.76531	0.311501	0.859853
cg11706467	-1.49684	0.689689	0.83179	-1.20223	0.00266991	0.148706	-6.72466	0.936188	0.963922	-1.03743	0.0638151	0.384396	-2.60148	0.036736	3.04508
cg13151102	1.02197	0.000402231	0.456378	-2.19116	0.0593369	0.743256	-1.34543	0.000179363	0.413021	-2.42118	0.00654406	0.611159	-1.63623	0.61023	0.930849
cg25142308	-1.48478	0.0269615	0.595068	-1.68048	0.000635294	0.353518	-2.82871	0.00810742	0.510813	-1.95767	0.00049186	0.339055	-2.94937	0.0941359	0.694411
cg18871020	-1.11406	0.00431271	0.53763	-1.86002	0.00168578	0.481936	-2.07497	0.132294	0.767859	-1.30232	0.0437982	0.686022	-1.45768	0.315902	0.844822
cg02957576	1.21301	0.545496	1.15379	1.15379	0.00848032	0.455792	-2.19398	0.447136	0.834294	-1.19862	0.0252075	0.536675	-1.86333	0.046841	1.70247
cg17566867	-1.0741	0.864887	0.981646	-1.0187	0.406651	1.09707	1.09707	0.0376197	1.30804	1.30804	0.00340362	1.57661	1.57661	0.169995	0.851707
cg23572608	-1.47538	0.331522	1.17987	1.17987	0.717921	1.0611	1.0611	?	?	?	0.0185763	1.65083	1.65083	?	?
cg17341965	-2.70631	0.20698	2.58125	2.58125	0.658567	1.37283	1.37283	0.162067	2.89714	2.89714	0.000614443	0.0233206	-42.8805	0.163373	0.346462
cg05078611	-1.50316	0.076336	0.743856	-1.34435	0.444754	0.889664	-1.12402	0.0277826	0.676856	-1.47742	0.00290307	1.84833	1.84833	0.287507	0.847277
cg08360771	-3.4011	0.00567309	0.26067	-3.83626	0.0120186	0.313269	-3.19215	0.488998	0.770723	-1.29748	0.360569	0.705922	-1.41659	0.0217251	0.360304
cg09012125	-1.91418	0.534201	0.752342	-1.32918	0.00335596	0.164654	-6.07336	0.584816	0.779274	-1.28325	0.218936	0.557422	-1.79397	0.0320781	0.321416
cg05877694	-1.11482	0.00877707	0.641176	-1.55963	0.522528	0.917317	-1.09014	0.953704	1.00776	1.00776	0.824005	1.03011	1.03011	0.000284355	0.454121
cg03802696	-3.7191	0.0245131	0.439307	-2.27631	0.0121598	0.383099	-2.61029	0.589947	0.846171	-1.18179	0.123289	0.59897	-1.66953	0.318588	0.728715
cg19979370	-1.94271	0.419778	0.841114	-1.1889	0.34779	0.816351	-1.22496	0.26281	1.27769	1.27769	0.00345111	2.30149	2.30149	0.783612	1.05948
cg13465587	-1.15026	0.965697	0.993223	-1.00682	0.00178194	0.494969	-2.02033	0.672903	1.06945	1.06945	0.0256687	1.52058	1.52058	0.000714056	0.442716
cg01360586	3.55043	0.58483	1.46504	1.46504	0.500946	0.623237	-1.60453	0.0256669	0.159688	-6.26221	0.000696188	0.0278511	-35.9052	0.445668	1.71277
cg05030251	1.47693	0.141367	1.50005	1.50005	0.0071761	0.41069	-2.43492	0.236334	1.37456	1.37456	0.531681	1.17636	1.17636	0.00232061	0.335993
cg20424643	-1.04556	0.734383	1.06594	1.06594	0.000908068	0.394439	-2.53524	0.48063	1.14387	1.14387	0.218463	1.27468	1.27468	0.0575632	0.668542
cg20515679	-1.52193	0.528407	0.813338	-1.2295	0.0222096	0.412005	-2.42716	0.998124	0.99924	-1.00076	0.0111735	0.357501	-2.7972	0.00480602	0.2981
cg12367786	-3.43594	0.0514547	0.334363	-2.99077	0.551444	0.742506	-1.34679	0.130577	0.44633	-2.24049	0.000626783	0.0744098	-13.4391	0.0376205	0.303723
cg07827943	-1.29767	0.0691886	0.791521	-1.26339	0.19936	0.855618	-1.16875	0.244535	0.869362	-1.15027	0.00257314	0.6184	-1.61708	0.172571	1.18168
cg20252850	1.34197	0.0730696	1.31063	1.31063	0.604416	1.07328	1.07328	0.024636	0.696681	-1.43538	0.101818	0.784785	-1.27423	0.0143916	1.50412
cg08688551	3.11028	0.302424	1.2076	1.2076	0.109627	0.73493	-1.36067	0.00467058	1.94282	1.94282	0.532158	0.894285	-1.11821	0.42514	1.15467
cg04027548	4.00604	0.674446	1.2148	1.2148	0.0218445	3.55151	3.55151	0.0352379	3.0943	3.0943	0.000661585	11.0421	11.0421	0.0153912	3.93398
cg03352106	8.01764	0.0723474	4.69656	4.69656	0.00756081	14.163	14.163	0.0290131	7.28098	7.28098	0.00152478	33.7916	33.7916	0.00583513	16.191
cg18440902	1.03727	0.565357	1.05106	1.05106	0.916265	1.00905	1.00905	0.816019	1.02017	1.02017	0.0247227	0.795225	-1.25751	0.490633	0.941766
cg11694490	1.11436	0.716261	0.969398	-1.03157	0.643674	0.961114	-1.04046	0.885154	0.987769	-1.01238	0.100582	0.857999	-1.1655	0.0687769	1.18938
cg09210286	-1.00901	0.601225	0.911242	-1.0974	0.62394	0.916589	-1.091	0.027079	0.630502	-1.58604	0.123892	0.745495	-1.34139	0.606104	1.09601
cg16739441	9.35876	0.110939	3.68327	3.68327	0.0306039	6.73409	6.73409	0.0348057	6.34065	6.34065	0.0392782	5.99261	5.99261	0.00718485	13.5348
cg01226811	1.99878	0.642449	1.06229	1.06229	0.0555227	1.32372	1.32372	0.22099	0.846812	-1.1809	0.471919	0.909769	-1.09918	0.461095	1.10183
cg00026803	2.09867	0.0118201	1.75935	1.75935	0.000391523	0.362201	-2.7609	0.000816853	0.403829	-2.4763	0.0214248	0.608515	-1.64334	0.090101	1.39894
cg08187246	3.26744	0.030321	3.26433	3.26433	0.0126656	4.22012	4.22012	0.0126828	4.21841	4.21841	0.0253305	3.4395	3.4395	0.00350738	6.29597
cg06808585	1.23124	0.228019	1.12546	1.12546	0.196786	0.880321	-1.13595	0.252293	0.894314	-1.11818	0.351365	0.914307	-1.09372	0.036616	0.797044
cg07187808	1.23598	0.504395	1.32275	1.32275	0.01082	3.74937	3.74937	0.028334	2.91178	2.91178	0.00330109	5.22027	5.22027	0.0807025	2.22505
cg09808786	-2.33838	0.0925196	0.470352	-2.12607	0.231108	1.66827	1.66827	0.0530068	2.44941	2.44941	0.00407868	4.80899	4.80899	0.0327332	2.7674
cg13110283	3.0296	0.00837071	4.23332	4.23332	0.938108	0.967284	-1.03382	0.433141	0.709918	-1.40861	0.0277953	0.328291	-3.04608	0.000814506	8.68896
cg11382055	1.30592	0.0476376	1.49741	1.49741	0.0942466	1.38806	1.38806	0.241788	0.803822	-1.24406	0.00744705	0.541033	-1.84832	0.140459	1.32663
cg14249872	1.3288	0.203291	1.27392	1.27392	0.305859	1.21062	1.21062	0.693694	1.07397	1.07397	0.0177605	0.594718	-1.68147	0.758935	1.05706
cg05296192	1.90358	0.0107123	0.664351	-1.50523	0.798814	0.967959	-1.0331	0.00162916	1.77812	1.77812	0.122054	1.23823	1.23823	0.00779942	0.646936
cg22873661	2.46266	0.00944019	2.22536	2.22536	0.708413	0.912701	-1.09565	0.0099875	2.2055	2.2055	0.738529	0.921774	-1.08486	0.0254277	1.90762
cg17671157	1.54619	0.276763	0.870631	-1.14859	0.0248895	0.715977	-1.39669	0.798026	0.969257	-1.03172	0.69278	0.952776	-1.04956	0.605317	0.938434
cg23080559	2.01749	0.616059	1.09264	1.09264	0.556136	0.900934	-1.10996	0.175085	1.28753	1.28753	0.329501	1.19286	1.19286	0.0261869	1.58764
cg02330264	-1.04536	0.545747	0.905131	-1.10481	0.0539925	0.700062	-1.42845	0.001282	2.14973	2.14973	0.835005	1.03459	1.03459	0.416994	1.14479
cg10325478	1.92022	0.811837	1.06477	1.06477	0.361727	0.781365	-1.27981	0.64093	1.13157	1.13157	0.00145915	0.298312	-3.35219	0.56204	0.857041
cg05256903	-2.92938	0.811795	0.980206	-1.02019	1.82E-06	0.369417	-2.70697	0.016283	1.2792	1.2792	0.93075	0.992742	-1.00731	0.0782515	1.17818
cg23189698	1.50366	0.962709	0.992339	-1.00772	0.0469151	0.68787	-1.45376	0.833935	0.966055	-1.03514	7.19E-05	3.28529	3.28529	0.97368	1.00544
cg26681176	-1.18261	0.420526	1.29146	1.29146	0.0865324	0.555183	-1.80121	0.323526	0.728393	-1.37288	0.068155	0.53003	-1.88669	0.00116917	4.39761
cg01638312	-1.52432	0.32828	0.852772	-1.17265	0.626445	0.9255	-1.0805	0.315688	1.17791	1.17791	0.00782174	1.71397	1.71397	0.617503	1.08271
cg13278115	-1.10219	0.292553	1.13494	1.13494	0.0242286	1.36536	1.36536	0.0344605	0.751339	-1.33096	2.88E-05	2.59096	2.59096	0.235164	0.865687
cg14556391	-1.01835	0.00322093	2.37756	2.37756	0.230433	0.762559	-1.31137	0.897202	1.02824	1.02824	0.000535369	3.19267	3.19267	0.667656	1.09754
cg17353680	1.22225	0.332295	0.858509	-1.16481	0.714453	1.05765	1.05765	0.0106268	1.63233	1.63233	0.370798	1.15048	1.15048	0.00213033	1.9316
cg08074851	1.10073	0.0455207	0.627652	-1.59324	0.0711573	0.664068	-1.50587	0.0733959	0.666679	-1.49997	0.136065	0.721646	-1.38572	0.000642556	2.89756
cg00042186	1.91145	0.115872	2.58617	2.58617	0.0479914	0.284561	-3.51419	0.150914	2.35331	2.35331	0.00142626	13.0035	13.0035	0.0345774	3.93568
cg19614911	2.21618	0.363103	1.57799	1.57799	0.0524377	0.340847	-2.93387	0.115314	2.30602	2.30602	0.037473	3.24844	3.24844	0.0255893	3.64862
cg13913015	-1.56314	0.145936	0.624882	-1.6003	0.0698085	0.542963	-1.84175	0.884984	1.04456	1.04456	0.0155583	2.44399	2.44399	0.0108233	0.381349
cg04981611	1.17338	0.157344	0.782994	-1.27715	0.270497	0.8306	-1.20395	0.291888	0.83785	-1.19353	0.0531771	1.42674	1.42674	0.0667758	1.39443
cg13223402	1.52637	0.405758	0.696092	-1.43659	0.441258	0.715724	-1.39719	0.273709	0.615615	-1.62439	0.426256	0.707501	-1.41343	0.131864	1.99912
cg05182249	1.34543	0.291435	1.17759	1.17759	0.561803	0.91613	-1.09155	0.896784	1.01957	1.01957	0.714396	1.05642	1.05642	4.59E-07	8.3542
cg25874421	-1.14023	0.997013	1.00096	1.00096	0.995998	1.00129	1.00129	0.313098	1.30749	1.30749	0.0547273	1.75054	1.75054	2.17E-06	19.7796
cg18499667	1.47991	0.0823686	0.563704	-1.77398	?	?	?	0.178109	1.53151	1.53151	1.10E-06	0.0228452	-43.7729	0.000630583	4.78275
cg00881552	-1.18889	0.0418426	0.714778	-1.39904	0.0588062	1.35734	1.35734	0.00751705	0.611124	-1.63633	0.00465595	0.583486	-1.71384	1.07E-06	6.19022

Probeset ID	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14116439	1.00602	0.000466563	0.237045	-4.21861	11.6084	12.583	0.963514	1
cg18206137	-1.27192	0.712727	0.946089	-1.05698	4.67073	1.66121	0.316146	1
cg02861293	1.32303	0.178581	0.898202	-1.11334	27.2775	2.43807	0.0794489	1
cg17495154	-1.00441	0.00888976	1.35919	1.35919	10.1009	1.35929	0.119619	1
cg14008399	-1.20812	0.88184	0.982524	-1.01779	9.47318	2.10807	0.197805	1
cg07135388	1.06791	0.0199701	1.41826	1.41826	5.60616	1.37469	0.217964	1
cg26681210	1.64016	0.431765	0.757679	-1.31982	5.55028	10.5141	1.68386	1
cg11161440	1.17878	0.125011	0.577546	-1.73146	4.03541	6.98478	1.53855	1
cg07013799	-1.15246	0.0711653	0.653594	-1.53	7.71487	5.43941	0.626716	1
cg22710661	1.06843	0.760626	1.05189	1.05189	5.86176	2.54464	0.385874	1
cg24495844	-1.02064	0.139084	1.59347	1.59347	4.25586	5.77229	1.20561	1
cg11839944	-1.41661	0.202181	1.3384	1.3384	7.26308	5.38957	0.6596	1
cg23741719	-1.4779	0.97034	0.991368	-1.00871	4.92625	4.24232	0.765482	1
cg08999764	-1.29508	0.122728	0.869516	-1.15007	8.33612	0.922843	0.0984036	1
cg09488184	-2.10638	0.576975	0.909529	-1.09947	5.41488	2.42851	0.398656	1
cg15941945	-2.09005	0.0307385	0.557685	-1.79313	5.30106	4.44606	0.745521	1
cg11005943	-1.37271	0.00702936	0.470612	-2.12489	4.3609	3.23104	0.658588	1
cg13952688	-2.21895	0.00569034	0.483151	-2.06975	4.09741	2.61067	0.566356	1
cg24655009	-1.17085	0.0305522	0.669067	-1.49462	3.67996	1.45735	0.352021	1
cg22642718	-1.67726	0.0149941	0.374453	-2.67056	3.50075	5.98211	1.51894	1
cg11413133	59.5068	0.0524858	19.2736	19.2736	3.48361	99.3445	25.349	1
cg21515032	1.10026	0.00764501	0.543303	-1.84059	14.2703	7.15484	0.445671	1
cg20434505	1.1069	0.257885	0.833028	-1.20044	7.33562	2.78173	0.337075	1
cg15731435	1.74865	0.514795	1.30632	1.30632	5.62337	14.5749	2.30385	1
cg07990198	1.42046	0.083025	0.44136	-2.26573	4.1866	12.0415	2.55662	1
cg00549018	1.16305	0.667743	0.936277	-1.06806	38.1922	14.0628	0.3273	1
cg15086820	1.57503	0.0173609	0.640399	-1.56153	32.6315	12.2304	0.333158	1
cg07685765	-1.02308	0.333874	0.805316	-1.24175	17.3736	12.9851	0.664361	1
cg00902741	1.26891	0.0982802	0.565285	-1.76902	8.88951	13.9327	1.39318	1
cg04899500	2.03087	0.0209226	1.81431	1.81431	6.50695	4.73582	0.646941	1
cg16848708	-1.15239	0.38685	0.759517	-1.31663	5.30171	8.07481	1.35383	1
cg19741777	2.51924	0.351056	1.22781	1.22781	4.91829	3.56175	0.643719	1
cg20701333	1.30825	0.22269	1.29889	1.29889	4.45963	2.94165	0.586327	1
cg21537063	-1.13366	0.400061	0.729587	-1.37064	3.51107	7.44872	1.88577	1
cg08699977	-1.43061	0.0482843	0.530957	-1.88339	3.43597	4.28241	1.10786	1
cg03993463	-3.3003	0.000583729	0.252101	-3.96667	20.6038	21.9189	0.945625	1
cg18248112	-1.62236	0.00318432	0.583688	-1.71324	24.5693	6.9526	0.251538	1
cg13966313	-19.8835	0.00400204	0.2918	-3.427	24.0731	38.6626	1.4276	1
cg24751551	-6.51703	0.0285958	0.168523	-5.93391	3.8759	29.1796	6.69197	1
cg11073104	-3.26964	0.00572693	0.5489	-1.82182	26.5143	11.5147	0.386027	1
cg08435240	-14.3071	0.00134629	0.239411	-4.17692	21.6632	32.3236	1.32631	1
cg19737179	-4.26841	0.0003577	0.146125	-6.84346	21.3894	38.1902	1.58709	1
cg08320524	-4.54781	0.00207472	0.42762	-2.33853	16.5287	10.0509	0.540523	1
cg12746557	-3.38834	0.0058433	0.408464	-2.44819	14.3626	14.0019	0.866567	1
cg13863153	-19.0508	0.00468188	0.0991678	-10.0839	6.12917	36.6768	5.31908	1
cg26235187	-1.70511	0.165745	0.399854	-2.50091	4.8928	29.7996	5.41377	1
cg19788186	-3.21944	0.479701	0.669183	-1.49436	3.63476	17.9934	4.40033	1
cg02070290	-1.00312	0.00574555	0.540705	-1.84944	6.7139	3.06752	0.406125	1
cg26960719	-1.05704	0.0244838	0.653861	-1.52938	5.75858	2.29215	0.353814	1
cg22143285	-1.14129	0.0745498	0.431476	-2.31762	4.27225	12.1131	2.52026	1
cg18432768	-6.91323	0.0020542	0.417951	-2.39263	28.2931	18.0829	0.568113	1
cg07862930	-5.36987	0.5193	0.718758	-1.39129	7.63838	30.9125	3.59733	1
cg04782692	1.43031	0.111028	1.26223	1.26223	5.85119	1.66739	0.253304	1
cg10858415	-1.00599	0.578932	0.917173	-1.09031	5.18422	1.95317	0.334892	1
cg12389490	-2.83054	0.798606	0.868546	-1.15135	4.48598	21.5872	4.27746	1
cg05193832	1.16848	0.644256	1.06198	1.06198	23.7289	6.28562	0.235461	1
cg04191300	-4.22776	0.0313064	0.602898	-1.65865	19.373	12.3104	0.564835	1
cg13267718	-22.0744	0.0550232	0.513723	-1.94657	13.7698	20.4408	1.31952	1
cg13675753	-19.8309	0.240895	0.59719	-1.67451	11.9669	29.7034	2.48213	1
cg27056194	-8.95246	0.050308	0.305367	-3.27475	5.53404	24.7734	3.97916	1
cg10280034	-1.32654	0.649575	0.893772	-1.11885	4.07712	3.8923	0.848595	1
cg22721851	-5.02676	0.244287	0.603466	-1.65709	9.06871	24.6921	2.42025	1
cg25194720	-1.17285	0.194961	0.602337	-1.6602	6.07702	13.1609	1.92505	1
cg07168810	-2.39258	0.10376	0.474732	-2.10645	4.38154	12.1695	2.46885	1
cg25837340	-3.68269	0.118502	0.402618	-2.48374	3.57422	16.3133	4.05703	1
cg04367216	-9.58935	0.139446	0.296132	-3.37687	3.42468	31.7565	8.24253	1
cg12204395	-1.23037	0.345556	0.780978	-1.28045	24.2432	24.864	0.911651	1
cg18984165	-1.43571	0.194752	0.812394	-1.23093	9.51657	3.45845	0.323034	1
cg24280925	-1.05656	0.458618	0.804054	-1.2437	9.33206	12.3435	1.17573	1
cg19042062	-1.0484	0.207128	1.15263	1.15263	6.67763	1.20571	0.160498	1
cg08214584	1.18718	0.00214339	1.7825	1.7825	4.01721	1.1434	0.253001	1
cg26779716	-1.19538	0.19879	1.20539	1.20539	3.87726	1.16216	0.266435	1
cg06942027	1.15809	0.613966	1.43882	1.43882	3.53869	25.4896	7.20312	1
cg25724441	-1.20018	0.673221	0.933341	-1.07142	6.57508	2.75428	0.372353	1
cg23491599	1.05042	0.0694736	0.609246	-1.64137	14.631	13.8	0.838402	1
cg25534294	5.25754	0.0373345	2.29593	2.29593	6.95641	13.033	1.66536	1
cg25932748	1.2997	0.71656	0.934022	-1.07064	8.12597	3.91936	0.422034	1
cg14574037	-1.16299	0.788303	0.961933	-1.03957	5.86939	1.93314	0.292764	1
cg11706467	3.04508	0.446294	1.42795	1.42795	3.76634	12.5611	2.96453	1
cg13151102	-1.07429	0.494428	1.10155	1.10155	13.3163	4.09749	0.273517	1
cg25142308	-1.44007	0.00516444	0.481089	-2.07862	9.10465	5.66204	0.552786	1
cg18871020	-1.18368	0.0304131	0.661164	-1.51249	4.52844	1.89673	0.372311	1
cg02957576	1.70247	0.384505	0.811814	-1.23181	4.31798	3.73891	0.769684	1
cg17566867	-1.17411	0.396299	1.09946	1.09946	4.28724	0.786231	0.142636	1
cg23572608	?	?	?	?	4.6912	1.25711	0.267973	1
cg17341965	-2.88632	0.198053	2.63617	2.63617	6.35769	51.1223	7.14758	1
cg05078611	-1.18025	0.213682	0.821604	-1.21713	5.73899	2.04699	0.31705	1
cg08360771	-2.77544	0.0246568	0.371087	-2.69478	5.04673	10.9724	1.93259	1
cg09012125	-3.11124	0.10058	0.443507	-2.25476	3.4682	11.2231	2.87643	1
cg05877694	-2.20205	0.184626	0.829134	-1.20608	9.31198	2.61516	0.249634	1
cg03802696	-1.37228	0.0970657	0.571718	-1.74911	4.71764	7.04261	1.32696	1
cg19979370	1.05948	0.919838	0.979092	-1.02135	3.80921	2.65806	0.620265	1
cg13465587	-2.25878	0.170509	1.25961	1.25961	8.03408	3.18165	0.352017	1
cg01360586	1.71277	0.192007	0.384447	-2.60114	5.92836	44.9848	6.74495	1
cg05030251	-2.97625	0.0880089	0.617113	-1.62045	5.75842	5.99496	0.925402	1
cg20424643	-1.49579	0.79648	0.952698	-1.04965	5.07996	2.82829	0.494893	1
cg20515679	-3.35458	0.457538	0.782924	-1.27726	5.05431	8.37586	1.47304	1
cg12367786	-3.29247	0.109603	0.422374	-2.36757	4.68325	18.1074	3.43683	1
cg07827943	1.18168	0.422032	0.909997	-1.09891	4.53461	0.949704	0.186164	1
cg20252850	1.50412	0.204477	1.19864	1.19864	4.1245	1.19608	0.257772	1
cg08688551	1.15467	0.000461852	0.377914	-2.64611	11.8898	5.8711	0.438929	1
cg04027548	3.93398	0.62009	1.2588	1.2588	9.58688	32.2092	2.98642	1
cg03352106	16.191	0.0880959	4.27079	4.27079	6.93897	65.3907	8.37661	1
cg18440902	-1.06183	0.0102866	1.31931	1.31931	6.02169	0.700319	0.103377	1
cg11694490	1.18938	0.000784579	1.54085	1.54085	6.00217	0.68919	0.102065	1
cg09210286	1.09601	0.355744	1.18227	1.18227	5.00834	2.46429	0.437366	1
cg16739441	13.5348	0.0384146	6.05511	6.05511	4.95737	44.253	7.93485	1
cg01226811	1.10183	0.10238	1.25987	1.25987	7.7199	2.04208	0.235131	1
cg00026803	1.39894	0.0599069	0.682832	-1.46449	14.6459	7.49218	0.454714	1
cg08187246	6.29597	0.0131406	4.17387	4.17387	5.67704	19.4115	3.03938	1
cg06808585	-1.25464	0.00984232	1.35627	1.35627	4.79725	0.662877	0.122825	1
cg07187808	2.22505	0.534998	1.29617	1.29617	4.69514	12.6769	2.40001	1
cg09808786	2.7674	0.0184503	3.20459	3.20459	5.72084	13.3689	2.33688	1
cg13110283	8.68896	0.0409114	2.74751	2.74751	6.66461	19.3649	2.58279	1
cg11382055	1.32663	0.0366616	1.54147	1.54147	6.03966	3.0389	0.447252	1
cg14249872	1.05706	0.0484236	1.50159	1.50159	4.04094	2.08002	0.457544	1
cg05296192	-1.54575	0.045773	1.33906	1.33906	12.0433	3.10087	0.228868	1
cg22873661	1.90762	0.483422	1.18908	1.18908	5.95552	5.57638	0.8323	1
cg17671157	-1.0656	0.735189	1.04222	1.04222	4.51446	1.03718	0.178691	1
cg23080559	1.58764	0.548121	1.11238	1.11238	3.98952	1.94038	0.432328	1
cg02330264	1.14479	0.190216	1.25378	1.25378	3.97587	1.67347	0.374138	1
cg10325478	-1.16681	0.455407	0.818679	-1.22148	3.77324	4.13825	0.974879	1
cg05256903	1.17818	0.00483466	0.731056	-1.36788	40.3576	4.49011	0.0988963	1
cg23189698	1.00544	0.713825	0.941212	-1.06246	11.0859	4.75068	0.38092	1
cg26681176	4.39761	0.778968	0.916263	-1.09139	7.60211	11.6306	1.35993	1
cg01638312	1.08271	0.172763	1.25736	1.25736	3.40093	1.34184	0.350712	1
cg13278115	-1.15515	0.287425	0.879821	-1.13659	13.2672	2.82347	0.189169	1
cg14556391	1.09754	0.00889406	2.04879	2.04879	7.16319	5.2665	0.653527	1
cg17353680	1.9316	0.0892566	1.33086	1.33086	6.96302	2.56572	0.327536	1
cg08074851	2.89756	0.216768	1.30208	1.30208	6.53481	4.26906	0.580694	1
cg00042186	3.93568	0.0235362	4.49875	4.49875	5.90191	28.894	4.35174	1
cg19614911	3.64862	0.16198	2.07241	2.07241	4.31093	16.2605	3.35281	1
cg13913015	-2.62227	0.493096	0.810861	-1.23326	3.81024	5.47482	1.27722	1
cg04981611	1.39443	0.150632	1.28302	1.28302	3.72542	1.54415	0.368437	1
cg13223402	1.99912	0.639997	1.22217	1.22217	3.64696	10.4779	2.55382	1
cg05182249	8.3542	0.234475	1.20455	1.20455	42.4646	14.9971	0.313926	1
cg25874421	19.7796	0.0208715	2.04312	2.04312	32.5749	34.067	0.929606	1
cg18499667	4.78275	0.478709	0.806913	-1.23929	28.99	36.2178	1.24932	1
cg00881552	6.19022	0.0395496	1.40607	1.40607	26.835	8.70927	0.288488	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg13509849	KCNK13	0.000145028	0.0168551	0.651582	-1.53473	0.0552187	1.37615	1.37615	0.176529	1.235
cg23900774	KCNK13	0.000328531	0.572456	1.2264	1.2264	0.0318188	2.46034	2.46034	0.228766	1.57139
cg02136132	KCNK13	0.000423548	0.016175	0.65188	-1.53403	0.27655	1.17893	1.17893	0.0327105	1.43826
cg12212555	KCNK13	0.00233113	0.884695	0.952938	-1.04939	0.424711	0.76275	-1.31104	0.381064	1.34779
cg18306625	KCNK13	0.00372884	0.0631098	0.614664	-1.62691	0.088785	0.64594	-1.54813	0.0832902	0.639944
cg01033209	KCNK13	0.00950482	0.201129	0.716307	-1.39605	0.241748	0.738739	-1.35366	0.00188699	0.336676
cg01172965	KCNK13	0.022789	0.0526273	1.39583	1.39583	0.148413	1.26444	1.26444	0.00395264	1.79813
cg21191365	KCNK13	0.032989	0.0493962	0.240986	-4.14961	0.24274	0.460376	-2.17214	0.801041	1.17378
cg13200664	KCNK13	0.0341274	0.0320252	0.170259	-5.87342	0.520254	0.631701	-1.58303	0.673407	1.3482
cg22819502	KCNK13	0.034773	0.969334	0.991309	-1.00877	0.000833184	0.319146	-3.13337	0.0604324	0.618294
cg20023155	KCNK13	0.0474102	0.0741707	0.262963	-3.80282	0.883995	0.906641	-1.10297	0.203078	0.405768
cg22669058	KCNK13;KCNK13	0.0117274	0.243937	0.883333	-1.13208	0.423379	1.08677	1.08677	0.273816	1.12286
cg20620147	KCNK15	0.00292171	0.27641	0.915861	-1.09187	0.716628	0.972098	-1.0287	0.963363	0.99644
cg05927579	KCNK15	0.00896971	0.0105976	0.259269	-3.85699	0.0043815	0.202296	-4.94326	0.0456063	0.381891
cg10864955	KCNK15	0.00932627	0.104111	0.768504	-1.30123	0.879546	1.02273	1.02273	0.243298	1.19832
cg19431241	KCNK15	0.0198269	0.183109	0.827576	-1.20835	0.670223	1.05907	1.05907	0.296717	1.15599
cg09357268	KCNK15	0.026616	0.543479	1.14842	1.14842	0.286629	0.779585	-1.28273	0.199086	0.736871
cg05658173	KCNK15	0.044619	0.0799913	0.278122	-3.59555	0.077541	0.274581	-3.64192	0.0627026	0.251647
cg01669948	KCNK16;KCNK16;KCNK16;KCNK16	1.36E-05	1.88E-05	0.210426	-4.75227	0.0978346	0.722446	-1.38419	2.98E-06	0.136185
cg07970874	KCNK16;KCNK16;KCNK16;KCNK16	3.90E-05	0.0014665	0.392006	-2.55098	0.142241	0.724935	-1.37943	3.45E-05	0.195199
cg23372795	KCNK16;KCNK16;KCNK16;KCNK16	9.89E-05	0.096433	1.34745	1.34745	0.301852	0.839656	-1.19096	5.77E-05	0.295628
cg05897803	KCNK16;KCNK16;KCNK16;KCNK16	0.000622165	0.109347	0.710029	-1.40839	0.00054116	0.348155	-2.87229	0.000588638	0.352913

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24990238	KCNMB1;KCNIP1	0.0330009	0.144066	0.64363	-1.55369	0.805609	0.933114	-1.07168	0.399835	0.78507	-1.27377	0.19197	0.678551	-1.47373	0.00095344	0.250988	-3.98425
cg15736360	KCNMB2	0.0150181	0.0569175	0.499189	-2.00325	0.00146917	0.227505	-4.3955	0.0127793	0.368838	-2.71122	0.176949	0.629524	-1.5885	0.71038	0.886671	-1.12781
cg26229618	KCNMB2	0.024779	0.26847	0.638897	-1.5652	0.00139866	0.16544	-6.04451	0.0125386	0.299078	-3.34361	0.505079	1.30068	1.30068	0.200584	0.59127	-1.69127
cg04852685	KCNMB2;KCNMB2	0.00202604	0.15198	0.754571	-1.32526	0.00169821	0.439288	-2.27641	0.0056302	0.513356	-1.94796	0.173738	0.76678	-1.30416	0.000289561	0.337969	-2.95885
cg18701707	KCNMB2;KCNMB2	0.00206736	0.974033	1.00883	1.00883	0.000655306	0.243891	-4.1002	0.0136879	0.438764	-2.27913	0.975304	1.0084	1.0084	0.0837398	1.6772	1.6772
cg12405098	KCNMB2;KCNMB2	0.00923258	0.0216725	0.406094	-2.46248	0.0065947	0.315645	-3.16812	0.0041719	0.285076	-3.50783	0.998987	0.999585	-1.00041	0.00376575	0.278526	-3.59033
cg05652719	KCNMB2;KCNMB2	0.010497	0.128757	0.726927	-1.37565	0.00256061	0.443688	-2.25383	0.00121571	0.398548	-2.50911	0.508524	0.877834	-1.13917	0.752368	1.06342	1.06342
cg10634551	KCNMB2;KCNMB2	0.0393716	0.100636	0.562005	-1.77934	0.878776	1.05012	1.05012	0.0543947	2.01259	2.01259	0.258515	1.45903	1.45903	0.117251	0.579722	-1.72496
cg09216620	KCNMB2;KCNMB2	0.0436034	0.886233	0.954566	-1.0476	0.93143	0.972434	-1.02835	0.935797	1.02651	1.02651	0.435844	0.772426	-1.29462	0.00164362	0.231298	-4.32342
cg14212852	KCNMB3;KCNMB3	0.000290551	0.0118717	0.706053	-1.41632	0.336292	0.895946	-1.11614	0.000560814	0.552739	-1.80917	0.0065418	0.676022	-1.47924	3.16E-05	0.40714	-2.45616
cg04234574	KCNMB3;KCNMB3	0.000443672	0.438158	0.813433	-1.22936	0.000681071	0.257837	-3.87843	0.00049743	0.24105	-4.14852	0.00614494	0.393204	-2.54321	3.72E-05	0.126215	-7.923
cg03818303	KCNMB3;KCNMB3	0.0442088	0.590808	1.13236	1.13236	0.165427	1.40329	1.40329	0.472696	1.18208	1.18208	0.695279	0.913789	-1.09434	0.125911	0.684369	-1.4612
cg26367031	KCNMB3;KCNMB3;KCNMB3;KCNMB3	2.82E-05	1.36E-05	0.273783	-3.65252	0.137827	0.796538	-1.25543	0.000143374	0.393402	-2.54193	0.0161428	1.52045	1.52045	0.128939	0.791696	-1.26311
cg24529771	KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.012586	0.680656	1.22454	1.22454	0.346688	0.622304	-1.60693	0.210536	1.90753	1.90753	0.279133	1.7346	1.7346	0.000540764	0.0718472	-13.9184
cg19436429	KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.0477795	0.182609	0.490875	-2.03718	0.0682339	0.358005	-2.79326	0.947637	1.03359	1.03359	0.482098	0.698069	-1.43252	0.0173258	0.232673	-4.29788
cg12512271	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.0356697	0.491892	1.1827	1.1827	0.00153995	0.334474	-2.98976	0.178129	0.708977	-1.41048	0.85872	0.958075	-1.04376	0.581518	1.14318	1.14318
cg12687426	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.0391784	0.480346	0.873844	-1.14437	0.886794	0.973579	-1.02714	0.949757	1.01192	1.01192	0.190131	0.77041	-1.29801	0.0966816	1.40888	1.40888
cg26375196	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	7.80E-05	0.039056	0.611901	-1.63425	9.35E-05	0.23862	-4.19077	0.000291482	0.296829	-3.36895	5.23E-05	0.211188	-4.73511	0.00293504	0.431637	-2.31676
cg21871203	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.0136698	0.846182	0.970674	-1.03021	0.00303073	0.536536	-1.86381	0.00203205	0.513375	-1.94789	0.176015	1.24667	1.24667	0.839296	0.969361	-1.03161
cg09095818	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	8.48E-05	0.00511294	0.635294	-1.57408	0.26513	0.867258	-1.15306	0.763679	1.03767	1.03767	0.394381	0.898543	-1.11291	2.01E-06	0.237277	-4.21448
cg05982313	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.000146911	0.000116763	0.445672	-2.2438	0.00118299	1.76734	1.76734	0.468609	1.0923	1.0923	0.0266382	0.730117	-1.36964	0.00611209	0.651511	-1.53489
cg06491137	KCNMB4	0.00115861	0.00637045	0.481803	-2.07554	0.130975	1.39846	1.39846	0.409729	1.18933	1.18933	0.304603	1.24439	1.24439	0.00503965	0.466343	-2.14435
cg08573295	KCNMB4	0.00184635	0.00557826	0.51892	-1.92708	0.124994	0.741357	-1.34888	0.65823	0.922906	-1.08353	0.318909	0.830578	-1.20398	0.000183005	0.31985	-3.12646
cg15401862	KCNMB4	0.00191922	0.0491786	0.504667	-1.98151	0.486314	1.24041	1.24041	0.643693	1.15242	1.15242	0.245888	0.690993	-1.44719	7.74E-05	0.113074	-8.84379
cg21557445	KCNMB4	0.00500321	0.0775074	0.746835	-1.33898	0.145275	1.26195	1.26195	0.0165035	0.646775	-1.54613	0.0236631	0.669075	-1.4946	0.000315517	0.419664	-2.38286
cg19721115	KCNMB4	0.00566629	0.00152596	0.542587	-1.84302	0.0122187	0.658147	-1.51942	0.527378	0.917775	-1.08959	0.00216719	0.561772	-1.78008	0.0957273	0.782557	-1.27786
cg04609875	KCNMB4	0.0498388	0.820582	1.11338	1.11338	0.00463188	5.93592	5.93592	0.055248	2.79389	2.79389	0.998899	1.00065	1.00065	0.869624	1.08076	1.08076
cg18440316	KCNN1	5.64E-05	0.182447	0.649564	-1.53949	0.100364	0.577601	-1.7313	0.0421257	2.04207	2.04207	0.920143	1.03105	1.03105	0.862162	1.05442	1.05442
cg20122849	KCNN1	5.95E-05	0.0824306	0.799897	-1.25016	3.35E-06	0.27999	-3.57156	2.39E-05	0.376103	-2.65884	0.275447	0.876621	-1.14074	0.00494109	0.649171	-1.54043
cg22551372	KCNN1	6.01E-05	0.000292385	0.667277	-1.49863	0.00088563	1.40686	1.40686	0.0234365	0.830663	-1.20386	0.00206705	0.742835	-1.34619	0.00014328	0.638187	-1.56694
cg09981996	KCNN1	0.00273657	0.700363	1.12226	1.12226	0.00010883	7.64326	7.64326	0.38642	1.30323	1.30323	0.0686889	1.83643	1.83643	0.894673	1.0403	1.0403
cg20733663	KCNN1	0.00502197	0.0872561	0.670797	-1.49077	0.0218757	1.78912	1.78912	0.000541882	0.320687	-3.11831	0.609842	0.896875	-1.11498	0.00169862	0.387504	-2.58062
cg26279525	KCNN1	0.00610802	0.109037	0.693769	-1.4414	0.0132763	0.526262	-1.90019	0.000658073	0.335602	-2.97972	0.765029	1.06472	1.06472	0.0195706	0.554221	-1.80433
cg21491340	KCNN1	0.012162	0.320007	0.471156	-2.12244	0.706346	0.757902	-1.31943	0.00596108	0.0718573	-13.9165	0.0643437	0.218256	-4.58179	0.0059834	0.0719901	-13.8908
cg13426637	KCNN1	0.0205359	0.0817804	0.460277	-2.1726	0.0355446	0.37364	-2.67637	0.016813	0.309227	-3.23387	0.325142	0.664479	-1.50494	0.072626	0.446745	-2.23841
cg06715661	KCNN1	0.0210086	0.0374504	0.506816	-1.9731	0.0761265	0.573806	-1.74275	0.00233076	0.30227	-3.3083	0.19153	0.677612	-1.47577	0.0076504	0.380996	-2.6247
cg01635310	KCNN1	0.021941	0.0512315	0.498921	-2.00433	0.0201502	2.40561	2.40561	0.0296563	0.448518	-2.22957	0.536155	1.21678	1.21678	0.152998	1.61499	1.61499
cg12859923	KCNN1	0.044937	0.0199145	0.674905	-1.48169	0.249298	0.844949	-1.1835	0.881469	0.97934	-1.0211	0.926966	1.01291	1.01291	0.920708	1.01403	1.01403
cg15473218	KCNN1	0.0467988	0.543278	1.30453	1.30453	0.153566	1.93516	1.93516	0.0154051	0.276758	-3.61326	0.630579	0.811103	-1.23289	0.122063	0.484775	-2.06281
cg01939336	KCNN2	0.00357273	0.000780568	0.697906	-1.43286	0.138743	0.89333	-1.11941	0.125385	1.12457	1.12457	0.000820734	0.699882	-1.42881	0.612556	1.03681	1.03681
cg23615676	KCNN2	0.00513873	0.0060616	0.488671	-2.04637	0.00130588	2.54763	2.54763	0.0227812	1.72372	1.72372	0.0189813	0.566945	-1.76384	0.18197	0.753485	-1.32717
cg19062099	KCNN2	0.00819124	0.393464	0.789676	-1.26634	0.00192233	3.27484	3.27484	0.118935	0.633072	-1.5796	0.6037	0.868087	-1.15196	0.00293205	0.331599	-3.01569
cg11204913	KCNN2	0.00864823	0.560026	0.855796	-1.1685	0.244463	1.37953	1.37953	0.0419177	1.85803	1.85803	0.0462817	1.82808	1.82808	0.0224787	0.485616	-2.05924
cg22140583	KCNN2	0.0134794	0.0051606	0.165907	-6.02749	0.00331038	0.142869	-6.99941	0.269787	0.571804	-1.74885	0.218943	1.87552	1.87552	0.00434293	0.156636	-6.38424
cg04996277	KCNN2	0.0154053	0.465155	0.899826	-1.11133	0.136914	0.789447	-1.26671	0.00991325	1.7155	1.7155	0.0243462	1.53059	1.53059	0.0340435	0.679455	-1.47177
cg23037611	KCNN2	0.0180069	0.00310964	0.812749	-1.23039	0.0152804	0.858406	-1.16495	0.322577	1.05378	1.05378	0.0992221	0.911517	-1.09707	0.0415469	0.886504	-1.12803
cg07454108	KCNN2;KCNN2;KCNN2	0.0062029	0.00256909	0.449703	-2.22369	0.252239	0.795627	-1.25687	0.0431004	0.640902	-1.5603	0.0962092	0.705258	-1.41792	0.000375538	0.337225	-2.96537
cg27332243	KCNN3	0.0135831	0.232997	1.40706	1.40706	0.859541	1.04956	1.04956	0.269053	1.36934	1.36934	0.0240562	2.08519	2.08519	0.112944	1.60181	1.60181
cg16680214	KCNN3	0.02484	0.509288	0.839979	-1.19051	0.0123674	2.25055	2.25055	0.00598108	2.54953	2.54953	0.0162702	2.14977	2.14977	0.575763	0.863069	-1.15866
cg10946435	KCNN3	0.0297966	0.763359	1.07723	1.07723	0.00751679	2.33386	2.33386	0.0990077	1.5614	1.5614	0.859238	1.0447	1.0447	0.811604	0.942869	-1.06059
cg22495191	KCNN3	0.0307253	0.259306	0.795011	-1.25784	0.248523	0.790462	-1.26508	0.0104961	0.533768	-1.87347	0.748654	0.939258	-1.06467	0.662063	0.917842	-1.08951
cg10572951	KCNN3;KCNN3	4.31E-05	0.0220556	0.783471	-1.27637	0.572743	1.05196	1.05196	0.853367	1.01658	1.01658	0.000460229	0.612593	-1.63241	5.93E-07	0.294569	-3.39479
cg16296829	KCNN3;KCNN3	0.00216737	0.0248027	0.635522	-1.57351	0.900121	0.978922	-1.02153	0.000572495	0.40465	-2.47127	0.0156458	0.604863	-1.65327	0.149996	0.769642	-1.29931
cg00145672	KCNN3;KCNN3	0.00367085	0.608673	0.930082	-1.07517	0.12173	1.26551	1.26551	0.00480864	0.591461	-1.69073	0.0656311	1.33643	1.33643	0.356623	0.875391	-1.14235
cg13916989	KCNN3;KCNN3	0.00584836	0.271945	0.728746	-1.37222	0.142974	1.54591	1.54591	0.0789457	0.58287	-1.71565	0.999339	0.999771	-1.00023	0.000687567	0.238291	-4.19654
cg06742440	KCNN3;KCNN3	0.00901116	0.0164088	0.761908	-1.31249	0.0491293	0.812014	-1.23151	0.00791424	1.37134	1.37134	0.0460827	0.809027	-1.23605	0.658054	1.04216	1.04216
cg10503610	KCNN3;KCNN3	0.0132583	0.0107205	0.407048	-2.45671	0.0388788	0.511581	-1.95473	0.0219927	0.462983	-2.15991	0.0565209	0.546011	-1.83146	0.0295622	0.487687	-2.0505
cg18713316	KCNN3;KCNN3	0.017045	0.176151	2.25304	2.25304	0.00309564	9.83719	9.83719	0.10777	2.69458	2.69458	0.16602	2.30312	2.30312	0.0128661	5.72311	5.72311
cg13084419	KCNN3;KCNN3	0.0186368	0.117248	0.750771	-1.33196	0.366959	1.16899	1.16899	0.0228637	0.632075	-1.58209	0.460589	0.88112	-1.13492	0.000499952	0.399605	-2.50247
cg21820127	KCNN3;KCNN3	0.0226712	0.116317	0.860074	-1.16269	0.00584476	1.3754	1.3754	0.190907	1.13012	1.13012	0.243264	0.897764	-1.11388	0.0204216	0.781295	-1.27993
cg24675344	KCNN3;KCNN3	0.038062	0.125333	3.49829	3.49829	0.004288	17.879	17.879	0.0483706	5.48873	5.48873	0.32362	2.15878	2.15878	0.491313	1.69498	1.69498
cg16489975	KCNN3;KCNN3	0.0431252	0.198165	1.73308	1.73308	0.0116453	3.57841	3.57841	0.566697	1.26385	1.26385	0.644096	1.20695	1.20695	0.0607088	2.35131	2.35131
cg18755616	KCNN3;KCNN3	0.0445084	0.0895564	2.03896	2.03896	0.00812961	3.63144	3.63144	0.360439	1.43026	1.43026	0.504727	0.77287	-1.29388	0.0980209	1.99533	1.99533
cg21386140	KCNN3;KCNN3	0.0451355	0.0474648	6.75559	6.75559	0.00697029	18.9316	18.9316	0.0709425	5.47321	5.47321	0.215474	2.99952	2.99952	0.0543856	6.29125	6.29125
cg09768411	KCNN3;KCNN3	0.0491618	0.608256	1.16105	1.16105	0.213234	0.684811	-1.46026	0.336606	0.751136	-1.33132	0.460886	0.805059	-1.24214	0.125594	0.619533	-1.61412
cg26890181	KCNN4	4.29E-06	0.000195244	0.471094	-2.12272	0.00974608	0.675236	-1.48096	0.000167048	0.463011	-2.15977	0.12887	0.821073	-1.21792	6.27E-07	0.193973	-5.15536
cg14066757	KCNN4	0.00216131	0.0697883	0.691682	-1.44575	0.801069	1.04697	1.04697	0.00364626	0.489231	-2.04403	0.0343888	0.638521	-1.56612	0.00125814	0.424829	-2.35389
cg18506018	KCNN4	0.00392285	0.492997	1.24044	1.24044	0.265459	1.4321	1.4321	0.611405	0.853364	-1.17183	0.160844	0.629053	-1.58969	5.69E-05	0.0989842	-10.1026
cg01447572	KCNN4	0.00467733	0.012573	0.321893	-3.10662	0.530769	1.26101	1.26101	0.16293	0.580435	-1.72285	0.00937473	0.300221	-3.33088	0.00412625	0.245384	-4.07525
cg04833845	KCNN4	0.00798462	0.0247294	0.406694	-2.45885	0.815596	1.08178	1.08178	0.577347	1.20857	1.20857	0.930709	1.0297	1.0297	0.148622	0.593742	-1.68423
cg24900654	KCNN4	0.0104635	0.620732	0.87317	-1.14525	0.285254	1.35228	1.35228	0.0450362	0.535053	-1.86897	0.212029	0.699453	-1.42969	0.0338983	0.509963	-1.96093
cg26960896	KCNN4	0.0120277	0.787353	0.902212	-1.10839	0.443479	0.742769	-1.34631	0.554252	0.796374	-1.25569	0.0317906	0.383723	-2.60605	0.000774771	0.144232	-6.93329
cg10767665	KCNN4	0.0234351	0.35275	1.41158	1.41158	0.106784	0.530057	-1.88659	0.758829	0.894927	-1.11741	0.611293	1.20294	1.20294	0.381586	0.723607	-1.38197
cg03731131	KCNN4	0.0284592	0.00686903	9.96023	9.96023	0.161907	2.66659	2.66659	0.0189813	6.45812	6.45812	0.0174775	6.684	6.684	0.950303	1.04178	1.04178
cg26504422	KCNN4	0.0398423	0.0529913	3.05723	3.05723	0.00261035	8.32083	8.32083	0.0115692	4.97562	4.97562	0.161929	2.13602	2.13602	0.155946	2.16285	2.16285
cg01424145	KCNN4;KCNN4	0.00337215	0.0174685	0.353292	-2.83052	0.0394403	2.3556	2.3556	0.305041	0.682511	-1.46518	0.191131	0.607881	-1.64506	0.000225586	0.11012	-9.08099
cg08895013	KCNQ1	4.69E-05	0.61441	1.11089	1.11089	0.446489	1.17426	1.17426	4.44E-05	0.201601	-4.9603	0.910456	0.976979	-1.02356	0.989484	0.997275	-1.00273
cg19779211	KCNQ1	0.000349194	0.0240832	0.603317	-1.6575	0.485327	0.875313	-1.14245	0.0646309	0.677162	-1.47675	0.890443	1.02622	1.02622	0.28554	0.811934	-1.23163
cg07127259	KCNQ1	0.00099007	0.118889	0.759677	-1.31635	0.115845	0.757642	-1.31988	0.166108	1.271	1.271	7.54E-05	0.311472	-3.21056	0.0246647	0.647626	-1.5441
cg11363972	KCNQ1	0.00115866	0.0726512	0.578058	-1.72993	0.0623739	0.563223	-1.7755	0.749383	0.916023	-1.09168	0.697486	0.898612	-1.11283	0.00326691	0.333753	-2.99622
cg23623667	KCNQ1	0.0014427	0.0979915	0.625886	-1.59774	0.716661	1.09866	1.09866	0.222923	1.39183	1.39183	0.0345592	0.529276	-1.88937	0.727532	0.91366	-1.0945
cg15932136	KCNQ1	0.00206815	0.223693	0.747989	-1.33692	0.329197	0.795541	-1.25701	0.269921	0.770326	-1.29815	0.0407229	0.584719	-1.71022	0.000451786	0.2848	-3.51123
cg01178971	KCNQ1	0.00219323	0.0057148	0.314218	-3.1825	0.627248	1.16921	1.16921	0.289371	0.703754	-1.42095	0.032854	0.450496	-2.21978	0.0329328	0.450711	-2.21872
cg20533553	KCNQ1	0.00269617	0.344801	0.716173	-1.39631	0.0224916	2.55418	2.55418	0.668746	0.862717	-1.15913	0.034735	2.32671	2.32671	0.00217153	0.228554	-4.37534
cg10678459	KCNQ1	0.0031808	0.87864	0.956915	-1.04502	0.452051	1.2471	1.2471	0.0292359	0.476914	-2.09682	0.153524	1.55341	1.55341	0.00853912	0.380141	-2.6306
cg09336947	KCNQ1	0.00652592	?	?	?	0.828301	0.934084	-1.07057	0.563047	0.832299	-1.20149	?	?	?	0.299803	0.713665	-1.40122
cg04104132	KCNQ1	0.00889949	0.1034	1.61765	1.61765	0.0150953	2.23969	2.23969	0.943932	1.01917	1.01917	0.873217	0.957795	-1.04406	0.0372621	0.520562	-1.921
cg00283576	KCNQ1	0.0116128	0.0209927	0.630778	-1.58534	0.133423	0.764415	-1.30819	0.587508	1.09515	1.09515	0.728727	0.943859	-1.05948	0.968704	0.993511	-1.00653
cg05760393	KCNQ1	0.0127861	0.252494	3.49558	3.49558	0.31899	0.340164	-2.93976	0.753697	0.719238	-1.39036	0.441836	2.27304	2.27304	0.00404032	0.0175486	-56.9847
cg12578166	KCNQ1	0.013023	0.0498852	2.82475	2.82475	0.248438	1.75099	1.75099	0.841361	0.91115	-1.09751	0.111506	2.23634	2.23634	0.33863	1.58086	1.58086
cg24079038	KCNQ1	0.0181224	0.124388	0.54619	-1.83087	0.0895438	0.506399	-1.97473	0.63485	1.18995	1.18995	0.672661	0.856866	-1.16704	0.0286925	0.391384	-2.55504
cg03371125	KCNQ1	0.0211767	0.0592875	0.466051	-2.14569	0.684262	0.863643	-1.15789	0.127567	0.553897	-1.80539	0.0590519	0.465638	-2.14759	0.0278217	0.393679	-2.54014
cg23267890	KCNQ1	0.0256297	0.0161011	4.44863	4.44863	0.0220992	4.01859	4.01859	0.191374	2.01592	2.01592	0.56432	0.744269	-1.3436	0.00995822	5.20526	5.20526
cg19698309	KCNQ1	0.033944	0.128698	0.603484	-1.65704	0.0736837	1.84646	1.84646	0.677011	1.13751	1.13751	0.0247456	0.439444	-2.2756	0.280059	1.41252	1.41252
cg05418487	KCNQ1	0.0340097	0.352266	1.68218	1.68218	0.492538	1.46038	1.46038	0.525827	0.705205	-1.41803	0.139256	2.37405	2.37405	0.957739	1.02921	1.02921
cg04204548	KCNQ1	0.0392733	0.462222	1.09593	1.09593	0.0441216	0.753456	-1.32722	0.048274	1.31818	1.31818	0.103464	0.804142	-1.24356	0.753017	1.03939	1.03939
cg04902871	KCNQ1	0.0480097	0.205549	1.55071	1.55071	0.0935751	1.83275	1.83275	0.466842	1.27536	1.27536	0.301185	1.42177	1.42177	0.788889	1.09216	1.09216
cg16778148	KCNQ1;KCNQ1	1.52E-06	0.00018932	0.478783	-2.08863	2.64E-07	0.167612	-5.96615	1.50E-06	0.240216	-4.16291	0.0823899	1.25251	1.25251	8.56E-07	0.215629	-4.6376
cg20921686	KCNQ1;KCNQ1	2.73E-05	0.0926646	0.754881	-1.32471	0.283372	1.18457	1.18457	0.335472	1.16292	1.16292	0.271884	1.18983	1.18983	1.36E-05	0.251092	-3.98261
cg18450293	KCNQ1;KCNQ1	6.43E-05	0.00155468	0.418544	-2.38924	0.213031	1.28543	1.28543	2.16E-06	0.108172	-9.24457	0.805782	1.0483	1.0483	4.32E-05	0.226122	-4.4224
cg01689159	KCNQ1;KCNQ1	8.90E-05	0.000439965	0.276644	-3.61476	2.52E-05	0.14419	-6.93531	0.000350838	0.264553	-3.77996	0.0904375	1.54006	1.54006	2.78E-05	0.148076	-6.7533
cg19975301	KCNQ1;KCNQ1	9.58E-05	0.00333004	1.41622	1.41622	0.000116857	1.79985	1.79985	9.82E-06	0.437084	-2.28789	0.0150418	1.29723	1.29723	0.755012	0.973111	-1.02763
cg12949760	KCNQ1;KCNQ1	0.00011483	0.00787557	0.521351	-1.91809	5.56E-05	0.238786	-4.18785	4.20E-05	0.225468	-4.43522	0.585924	0.900242	-1.11081	0.00202898	0.435434	-2.29656
cg06827779	KCNQ1;KCNQ1	0.000165293	0.00230309	0.500325	-1.9987	1.94E-05	0.244264	-4.09392	0.00047254	0.409491	-2.44205	0.00708751	0.567989	-1.7606	0.000412769	0.401972	-2.48774
cg17291157	KCNQ1;KCNQ1	0.000177027	0.786188	1.05288	1.05288	0.0684818	0.679408	-1.47187	0.00049059	0.355274	-2.81473	0.517548	1.13241	1.13241	0.00026299	0.320913	-3.11611
cg16305144	KCNQ1;KCNQ1	0.00022508	0.00246046	0.433749	-2.30548	0.520403	0.87879	-1.13793	0.000139744	0.271304	-3.68591	0.013518	0.545386	-1.83356	0.107026	0.705439	-1.41756
cg07640406	KCNQ1;KCNQ1	0.00022623	0.00078628	1.49584	1.49584	0.603661	0.9593	-1.04243	0.565163	1.04721	1.04721	0.325906	0.922681	-1.0838	0.000761761	1.49884	1.49884
cg14637411	KCNQ1;KCNQ1	0.000245572	0.0100022	0.752474	-1.32895	0.489065	0.940393	-1.06339	0.0125181	0.762118	-1.31213	0.679614	1.03698	1.03698	3.97E-06	0.391521	-2.55414
cg24478595	KCNQ1;KCNQ1	0.000250876	0.012656	0.731979	-1.36616	8.77E-06	0.378552	-2.64165	0.296289	0.896714	-1.11518	0.424294	0.921138	-1.08561	0.078211	0.821214	-1.21771
cg07549149	KCNQ1;KCNQ1	0.000305023	0.203717	0.78322	-1.27678	0.000861272	0.401991	-2.48762	0.0157806	0.583487	-1.71384	0.954443	1.01046	1.01046	2.53E-05	0.218139	-4.58424
cg23750514	KCNQ1;KCNQ1	0.000307888	0.00016686	0.261006	-3.83133	0.00513011	0.460883	-2.16975	2.88E-05	0.178885	-5.59018	0.000428707	0.311054	-3.21488	0.115862	0.699018	-1.43058
cg02021157	KCNQ1;KCNQ1	0.000522803	0.11177	0.647107	-1.54534	0.583975	0.870254	-1.14909	0.00154062	0.318251	-3.14217	0.0536178	1.73462	1.73462	0.00127364	0.306947	-3.25789
cg03118430	KCNQ1;KCNQ1	0.000554036	0.308885	0.769297	-1.29989	0.481156	1.19522	1.19522	0.00278334	0.358118	-2.79238	0.681602	0.902363	-1.1082	9.38E-06	0.092405	-10.8219
cg07003739	KCNQ1;KCNQ1	0.000608698	0.419071	1.18899	1.18899	0.663301	0.912248	-1.09619	0.000789724	0.34526	-2.89637	0.672857	0.914809	-1.09312	0.00103576	0.361059	-2.76963
cg20768429	KCNQ1;KCNQ1	0.000641195	0.0975933	0.796467	-1.25554	0.000202817	0.458359	-2.18169	0.00127804	0.555405	-1.80049	0.620562	1.06447	1.06447	0.002988	1.66512	1.66512
cg06159548	KCNQ1;KCNQ1	0.000678791	0.272272	0.835019	-1.19758	0.317963	0.849705	-1.17688	6.65E-06	0.205959	-4.85534	0.0201485	0.642615	-1.55614	0.293615	0.842075	-1.18754
cg26879282	KCNQ1;KCNQ1	0.000778802	0.0268956	0.514319	-1.94432	8.46E-05	0.166493	-6.00626	0.000925915	0.285131	-3.50716	0.0290023	1.92119	1.92119	0.00183236	0.325311	-3.07398
cg23968213	KCNQ1;KCNQ1	0.00089928	0.028515	1.63689	1.63689	0.00150884	2.39088	2.39088	0.0646356	0.673176	-1.4855	0.000266439	0.319404	-3.13083	0.79222	0.950906	-1.05163
cg08007665	KCNQ1;KCNQ1	0.00092502	0.122957	0.878366	-1.13848	0.0019781	1.40378	1.40378	0.00138038	0.697692	-1.4333	0.00121714	1.44399	1.44399	0.625527	0.96255	-1.03891
cg17035132	KCNQ1;KCNQ1	0.0010219	0.280344	0.685118	-1.4596	0.97383	1.01112	1.01112	0.00879115	0.324843	-3.07841	0.820266	0.926177	-1.07971	0.000606798	0.168474	-5.93562
cg04894537	KCNQ1;KCNQ1	0.00123784	0.00483713	0.619076	-1.61531	0.502552	0.916393	-1.09124	5.86E-05	0.384831	-2.59854	0.00127272	0.547116	-1.82777	0.16659	0.82759	-1.20833
cg01734338	KCNQ1;KCNQ1	0.00128967	0.474531	1.16567	1.16567	0.223094	1.30975	1.30975	0.185005	0.743562	-1.34488	0.393979	1.20206	1.20206	5.80E-05	0.207837	-4.81146
cg03170016	KCNQ1;KCNQ1	0.00131356	0.000994167	0.409204	-2.44377	0.0700777	0.690736	-1.44773	0.00219165	0.456218	-2.19193	0.0205384	1.66502	1.66502	0.0848208	0.705958	-1.41651
cg26929889	KCNQ1;KCNQ1	0.00164643	0.0257694	0.583539	-1.71368	0.0069777	0.491697	-2.03377	0.00558764	0.476982	-2.09652	0.0083249	0.503557	-1.98587	4.69E-05	0.209739	-4.76783
cg25513073	KCNQ1;KCNQ1	0.0021845	0.00145991	0.380451	-2.62846	0.686318	0.918177	-1.08911	0.0122568	0.518921	-1.92708	0.38589	1.20551	1.20551	0.00245783	0.412423	-2.42469
cg26884837	KCNQ1;KCNQ1	0.00343552	0.426853	0.899659	-1.11153	0.108413	0.79593	-1.25639	0.00041826	0.482321	-2.07331	0.0701423	0.768075	-1.30196	0.0732964	0.770826	-1.29731
cg20850984	KCNQ1;KCNQ1	0.0035445	0.627878	0.920643	-1.0862	0.0857804	1.37909	1.37909	0.799499	0.957831	-1.04403	0.607128	0.915949	-1.09176	0.00203901	0.479004	-2.08767
cg27491887	KCNQ1;KCNQ1	0.00371541	0.304858	1.25941	1.25941	0.113434	1.4534	1.4534	0.0183516	0.537299	-1.86116	0.502236	0.862588	-1.1593	0.0154556	0.524704	-1.90584
cg03600094	KCNQ1;KCNQ1	0.00441487	0.00363405	0.47914	-2.08707	0.139643	0.74289	-1.34609	0.000297357	0.332513	-3.0074	0.601614	0.906202	-1.10351	0.00561914	0.506759	-1.97332
cg13859639	KCNQ1;KCNQ1	0.00519914	0.336211	0.828029	-1.20769	0.0182899	1.72465	1.72465	0.0159119	0.570136	-1.75397	0.105288	0.714053	-1.40046	0.00141643	0.415184	-2.40857
cg23272088	KCNQ1;KCNQ1	0.00527905	0.00406027	0.1848	-5.41127	0.268446	0.603813	-1.65614	0.0610002	0.396859	-2.51979	0.0999816	0.454345	-2.20097	0.00158189	0.137336	-7.28141
cg13536051	KCNQ1;KCNQ1	0.00639947	0.0993024	0.666097	-1.50128	0.246102	1.31363	1.31363	0.870721	0.964035	-1.03731	0.881127	0.966908	-1.03422	0.000137506	0.227025	-4.4048
cg08249467	KCNQ1;KCNQ1	0.00664313	0.715542	1.1441	1.1441	0.647273	0.844131	-1.18465	0.945194	0.97503	-1.02561	0.0597844	0.45783	-2.18422	0.000433151	0.129137	-7.7437
cg22047766	KCNQ1;KCNQ1	0.00675412	0.174515	0.701493	-1.42553	0.138803	1.47867	1.47867	0.00201494	0.343178	-2.91394	0.643111	1.12136	1.12136	0.000646582	0.276757	-3.61328
cg17341170	KCNQ1;KCNQ1	0.00697653	0.0555431	0.637693	-1.56815	0.536237	1.13868	1.13868	0.00052839	0.32647	-3.06307	0.669108	0.914715	-1.09324	0.0139921	0.532989	-1.87621

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24990238	0.115357	1.61709	1.61709	0.796672	1.07519	1.07519	0.809019	1.07035	1.07035	0.881802	1.04266	1.04266	3.95001	4.93157	1.10977	1
cg15736360	0.0851278	0.541271	-1.8475	0.0178256	0.39504	-2.53139	0.180523	1.58175	1.58175	0.0704281	0.520983	-1.91945	5.17863	8.52832	1.46385	1
cg26229618	0.0610487	0.440184	-2.27178	0.0466701	0.412547	-2.42397	0.0788847	0.468385	-2.13499	0.368054	0.698107	-1.43245	4.3707	10.4587	2.12703	1
cg04852685	0.690359	0.92916	-1.07624	0.045156	0.655918	-1.52458	0.0425592	1.5349	1.5349	0.00446403	0.498649	-2.00542	9.60561	5.122	0.473982	1
cg18701707	0.0067985	2.57949	2.57949	0.00593342	2.64399	2.64399	0.0208964	2.11923	2.11923	0.498726	1.20389	1.20389	9.54922	11.0412	1.02777	1
cg12405098	0.36698	0.738626	-1.35387	0.00391331	0.280972	-3.55907	0.651238	0.861774	-1.1604	0.0312511	0.437716	-2.28459	6.06304	10.2619	1.50447	1
cg05652719	0.233624	0.78459	-1.27455	0.0513527	1.53877	1.53877	0.766254	1.05963	1.05963	0.483136	0.8707	-1.1485	5.81947	3.47847	0.531316	1
cg10634551	0.342404	0.730924	-1.36813	0.00611046	0.317678	-3.14784	0.0599269	0.506547	-1.97415	0.389099	0.753654	-1.32687	3.70466	6.0244	1.44548	1
cg09216620	0.0905797	1.83244	1.83244	0.76222	1.10359	1.10359	0.47282	1.26766	1.26766	0.170927	1.6057	1.6057	3.56729	5.96053	1.48523	1
cg14212852	0.176603	0.852827	-1.17257	0.00134369	1.67588	1.67588	0.451831	1.08866	1.08866	0.0474842	0.777824	-1.28564	16.5948	3.22811	0.172911	1
cg04234574	0.00450924	0.372172	-2.68693	0.01708	0.468066	-2.13645	0.00199017	0.319824	-3.12672	0.00178992	0.313365	-3.19117	14.7715	15.9499	0.959803	1
cg03818303	0.553888	1.14698	1.14698	0.00158379	0.353936	-2.82537	0.994421	0.9984	-1.0016	0.288829	0.777112	-1.28682	3.54899	2.94815	0.738401	1
cg26367031	0.938409	0.989059	-1.01106	3.69E-06	0.214047	-4.67187	0.000199695	0.411043	-2.43283	0.0030812	0.56175	-1.78015	30.9707	9.9405	0.285302	1
cg24529771	0.585898	0.763938	-1.30901	0.0523399	0.339553	-2.94505	0.0888557	2.50582	2.50582	0.412982	1.50634	1.50634	5.48777	20.824	3.373	1
cg19436429	0.0394291	0.301599	-3.31566	0.402539	1.53879	1.53879	0.0324468	3.5243	3.5243	0.660015	1.24945	1.24945	3.44696	13.8174	3.56317	1
cg12512271	0.139193	1.46607	1.46607	0.150982	1.44765	1.44765	0.407814	1.22572	1.22572	0.833681	0.950711	-1.05184	3.84066	3.5147	0.813446	1
cg12687426	0.767872	1.05721	1.05721	0.00103072	2.4944	2.4944	0.494194	1.1394	1.1394	0.826212	1.0422	1.0422	3.71136	2.07691	0.497431	1
cg26375196	0.0259366	0.580601	-1.72235	0.239667	1.28814	1.28814	0.000541276	0.330836	-3.02264	1.48E-05	0.157396	-6.3534	23.6589	15.8464	0.595365	1
cg21871203	0.383729	0.872075	-1.14669	0.0964208	1.32278	1.32278	0.771449	1.04565	1.04565	0.179128	0.803557	-1.24447	5.34158	1.98689	0.330637	1
cg09095818	0.0896508	0.794962	-1.25792	3.40E-05	0.373662	-2.67622	0.310866	0.879339	-1.13722	0.107084	0.80596	-1.24076	23.137	5.51086	0.211719	1
cg05982313	0.0597319	0.775394	-1.28967	0.00187504	0.589787	-1.69553	0.124371	0.81937	-1.22045	2.70E-05	0.370845	-2.69654	19.9686	4.53384	0.201822	1
cg06491137	0.00020781	0.278897	-3.58555	0.0364325	1.6489	1.6489	0.00208319	0.410239	-2.4376	0.511202	0.871934	-1.14688	11.2842	7.5589	0.595436	1
cg08573295	0.089564	0.71369	-1.40117	0.000208453	0.3268	-3.05998	0.499394	1.13152	1.13152	0.189393	0.778389	-1.2847	9.86871	5.07598	0.457201	1
cg15401862	0.040632	0.486769	-2.05436	0.00133075	0.241422	-4.14213	0.130462	0.60809	-1.64449	0.00824503	0.35733	-2.79853	9.75831	14.3361	1.30588	1
cg21557445	0.176685	0.807635	-1.23818	0.153718	0.796755	-1.25509	0.794024	0.961824	-1.03969	0.00387007	0.560546	-1.78398	7.33716	2.57157	0.311542	1
cg19721115	0.00590681	0.617193	-1.62024	0.0107652	0.650947	-1.53622	0.26846	0.856894	-1.16701	0.258758	1.17103	1.17103	7.06261	2.00826	0.252756	1
cg04609875	0.160265	2.03252	2.03252	0.315296	1.63382	1.63382	0.0928306	2.39721	2.39721	0.0663255	0.377679	-2.64775	3.39229	12.01	3.147	1
cg18440316	0.0146014	0.399703	-2.50186	0.391714	1.30679	1.30679	6.46E-07	0.0158144	-63.2335	0.130711	1.64483	1.64483	25.7836	37.9675	1.30893	1
cg20122849	0.938686	0.991111	-1.00897	0.00546077	1.5283	1.5283	0.033901	0.750189	-1.333	0.0392709	0.758197	-1.31892	25.4217	5.42332	0.18963	1
cg22551372	0.818047	1.01592	1.01592	3.74E-05	1.72082	1.72082	0.0495051	0.857628	-1.16601	0.728239	1.02419	1.02419	25.353	1.88558	0.0661092	1
cg09981996	0.0342153	2.08973	2.08973	0.589745	0.850117	-1.17631	0.0240202	0.44798	-2.23224	0.0563862	0.524954	-1.90493	8.79436	12.3936	1.25268	1
cg20733663	0.974829	0.99335	-1.00669	0.246581	0.773957	-1.29206	0.684169	1.09034	1.09034	0.474487	0.85743	-1.16628	7.32878	5.19094	0.629596	1
cg26279525	0.001638	0.389253	-2.56902	0.0171712	0.544688	-1.83591	0.598382	0.894759	-1.11762	0.0886895	0.675118	-1.48122	6.90102	4.78369	0.616165	1
cg21491340	0.0513062	0.196884	-5.07914	0.00213468	0.0424303	-23.5681	0.0147137	0.110921	-9.01545	0.0214598	0.132202	-7.56419	5.54928	47.1388	7.55073	1
cg13426637	0.111104	0.497442	-2.01029	0.00308669	0.19608	-5.09995	0.00294639	0.193496	-5.16807	0.162314	0.548714	-1.82244	4.66243	11.9511	2.27846	1
cg06715661	0.117974	0.620151	-1.61251	0.0207814	0.456877	-2.18877	0.0628629	0.554858	-1.80226	0.698264	1.11588	1.11588	4.62638	5.8045	1.11525	1
cg01635310	0.51805	1.22782	1.22782	0.023182	2.33997	2.33997	0.0384109	2.11983	2.11983	0.173011	1.57484	1.57484	4.55813	7.08184	1.38104	1
cg12859923	0.490253	1.10302	1.10302	0.278473	1.17079	1.17079	0.0307786	0.701209	-1.42611	0.00577211	0.602841	-1.65881	3.52738	1.09372	0.275614	1
cg15473218	0.568323	0.779465	-1.28293	0.005019	0.201122	-4.9721	0.816127	1.10588	1.10588	0.706746	1.17739	1.17739	3.47402	10.2713	2.6281	1
cg01939336	0.073357	1.15179	1.15179	0.102185	0.881084	-1.13497	0.230966	1.09301	1.09301	0.881948	0.989538	-1.01057	8.12362	0.644548	0.0705266	1
cg23615676	0.149949	0.734643	-1.3612	0.272234	0.795864	-1.2565	0.932721	0.983272	-1.01701	0.716457	0.929718	-1.0756	7.27749	4.60077	0.561948	1
cg19062099	0.391972	1.26733	1.26733	0.900629	0.966818	-1.03432	0.023848	2.07179	2.07179	0.991637	0.997173	-1.00284	6.29712	7.27767	1.0273	1
cg11204913	0.0140216	2.22897	2.22897	0.121568	1.55815	1.55815	0.00140102	3.3964	3.3964	0.470766	0.823766	-1.21394	6.19008	6.84507	0.982943	1
cg22140583	0.260294	0.56489	-1.77026	0.550942	0.74567	-1.34108	0.10939	0.427818	-2.33744	0.0450761	0.326783	-3.06014	5.36621	20.1076	3.33074	1
cg04996277	0.499784	0.90746	-1.10198	0.00776306	0.563587	-1.77435	0.215759	0.827615	-1.20829	?	?	?	8.46331	2.15463	0.159115	1
cg23037611	0.672537	0.978442	-1.02203	0.102059	0.912349	-1.09607	0.185716	0.930595	-1.07458	0.0651016	1.11201	1.11201	4.8745	0.202871	0.0369945	1
cg07454108	0.315823	0.820162	-1.21927	0.0140225	0.559977	-1.78579	0.860092	1.0343	1.0343	0.0140239	0.559984	-1.78576	6.86821	3.97491	0.514436	1
cg27332243	0.766939	1.08455	1.08455	0.000673526	0.24171	-4.1372	0.523969	0.838323	-1.19286	0.614305	1.14885	1.14885	5.35274	6.32178	1.04981	1
cg16680214	0.171894	1.46054	1.46054	0.805999	0.937918	-1.06619	0.703605	0.90523	-1.10469	0.0287317	1.95809	1.95809	4.36697	4.69254	0.955159	1
cg10946435	0.900624	0.969691	-1.03126	0.00907726	0.441829	-2.26332	0.40982	0.812483	-1.2308	0.0534773	1.71661	1.71661	4.09671	3.93805	0.854464	1
cg22495191	0.194707	1.30656	1.30656	0.0110591	1.86111	1.86111	0.110097	0.712148	-1.4042	0.0741166	0.678441	-1.47397	4.05226	2.43868	0.534941	1
cg10572951	0.161771	1.14201	1.14201	0.00664088	0.731184	-1.36764	0.461585	0.935557	-1.06888	0.0178883	0.774306	-1.29148	27.686	3.46357	0.111202	1
cg16296829	0.023957	0.633178	-1.57933	0.018249	1.62603	1.62603	0.00301769	0.501672	-1.99333	0.00305189	0.502353	-1.99063	9.41837	4.29372	0.405234	1
cg00145672	0.986845	1.00232	1.00232	0.00019577	2.40892	2.40892	0.599581	0.928336	-1.0772	0.571943	0.92296	-1.08347	8.05791	2.51451	0.277383	1
cg13916989	0.118152	0.625344	-1.59912	0.00235894	0.309186	-3.2343	0.337373	1.31479	1.31479	0.0156567	0.440509	-2.2701	6.99417	8.4812	1.07788	1
cg06742440	0.00626609	0.718758	-1.39129	0.0224292	0.776014	-1.28864	0.658621	0.959613	-1.04209	0.456636	1.07282	1.07282	6.10997	0.831851	0.121019	1
cg10503610	0.00180926	0.288407	-3.46732	0.0783839	0.578088	-1.72984	0.0192805	0.452326	-2.2108	0.00841025	0.389309	-2.56865	5.39534	6.71293	1.10596	1
cg18713316	0.0304975	4.20394	4.20394	0.00347836	9.39144	9.39144	0.0163846	5.2438	5.2438	0.100117	2.76641	2.76641	4.96509	25.0849	4.4909	1
cg13084419	0.767998	0.951384	-1.0511	0.517588	1.11686	1.11686	0.590275	0.912491	-1.0959	0.308209	0.837203	-1.19445	4.81837	2.16596	0.399575	1
cg21820127	0.906323	0.989656	-1.01045	0.024398	1.26733	1.26733	0.779992	0.975569	-1.02504	0.960208	1.00442	1.00442	4.50715	0.556913	0.109833	1
cg24675344	0.0382339	6.12862	6.12862	0.0114282	10.9067	10.9067	0.028064	7.0885	7.0885	0.134746	3.37778	3.37778	3.7509	33.8506	8.02192	1
cg16489975	0.430685	1.38433	1.38433	0.00445435	4.63661	4.63661	0.0142049	3.39789	3.39789	0.439591	1.37537	1.37537	3.58197	9.27474	2.30158	1
cg18755616	0.0129321	3.23614	3.23614	0.907714	0.956821	-1.04513	0.0235883	2.79817	2.79817	0.174765	1.73218	1.73218	3.54005	8.12255	2.03953	1
cg21386140	0.054091	6.30916	6.30916	0.019375	10.8292	10.8292	0.0270274	9.07758	9.07758	0.120836	4.12638	4.12638	3.52156	39.593	9.9938	1
cg09768411	0.113021	1.64577	1.64577	0.00291619	3.25892	3.25892	0.961247	1.01413	1.01413	0.644233	1.14375	1.14375	3.40995	4.50576	1.17454	1
cg26890181	0.176084	0.841312	-1.18862	2.26E-07	0.154077	-6.49028	0.50219	0.921444	-1.08525	0.0176139	0.70687	-1.41469	50.4961	11.5408	0.203153	1
cg14066757	0.0244072	0.614127	-1.62833	9.77E-05	0.284045	-3.52057	0.119927	0.735871	-1.35893	0.083311	0.705735	-1.41696	9.42608	4.9337	0.465253	1
cg18506018	0.761014	0.909911	-1.09901	0.144102	0.615303	-1.62522	0.360585	1.3376	1.3376	0.682661	1.13566	1.13566	7.8987	11.9815	1.34836	1
cg01447572	0.288718	0.668811	-1.49519	0.000214217	0.104598	-9.5604	0.51207	0.78438	-1.27489	0.727554	0.880081	-1.13626	7.48928	15.8227	1.87797	1
cg04833845	0.0941874	0.538384	-1.85741	0.00020278	0.12285	-8.14	0.186945	1.60112	1.60112	0.79446	0.915894	-1.09183	6.34799	11.384	1.59406	1
cg24900654	0.638404	0.879235	-1.13735	0.00022198	0.187872	-5.32277	0.228453	0.70914	-1.41016	0.145145	0.653496	-1.53023	5.82545	6.82143	1.04086	1
cg26960896	0.0271338	0.369541	-2.70606	0.00474725	0.239956	-4.16744	0.388257	1.40012	1.40012	0.205651	0.601596	-1.66224	5.56932	12.7774	2.03934	1
cg10767665	0.349309	0.706577	-1.41527	0.488059	0.77573	-1.28911	0.000637276	6.6244	6.6244	0.915673	0.962538	-1.03892	4.45595	9.17116	1.8295	1
cg03731131	0.0639833	3.9242	3.9242	0.835499	1.14631	1.14631	0.00670147	10.0688	10.0688	0.171098	2.60398	2.60398	4.16383	28.4403	6.0714	1
cg26504422	0.242343	1.86234	1.86234	0.434908	1.4991	1.4991	0.0315577	3.60117	3.60117	0.390044	1.56456	1.56456	3.6885	15.087	3.6358	1
cg01424145	0.44885	0.757629	-1.31991	0.00411528	0.250562	-3.99103	0.0178621	0.355094	-2.81616	0.0977897	0.520349	-1.92179	8.26525	16.9307	1.82081	1
cg08895013	0.508373	0.870318	-1.14901	9.30E-07	0.068212	-14.6602	0.169231	0.738466	-1.35416	0.0213203	0.563938	-1.77325	27.0716	18.3743	0.603316	1
cg19779211	0.40886	1.17194	1.17194	0.0311943	1.60786	1.60786	6.22E-06	6.67134	6.67134	0.278977	1.23543	1.23543	15.7792	8.81639	0.496652	1
cg07127259	0.000134968	0.341812	-2.92558	0.791254	0.957838	-1.04402	0.352067	0.855978	-1.16825	0.906696	0.98114	-1.01922	11.7999	4.92802	0.371229	1
cg11363972	0.00466249	0.357121	-2.80017	4.26E-05	0.118882	-8.41168	0.00104823	0.265219	-3.77048	0.0685928	0.572416	-1.74698	11.2841	13.3852	1.0544	1
cg23623667	0.886733	1.03748	1.03748	0.0838288	1.63871	1.63871	2.67E-05	8.52246	8.52246	0.687718	1.10995	1.10995	10.5977	11.1857	0.938214	1
cg15932136	0.0598424	0.617349	-1.61983	0.000155512	0.229663	-4.35421	0.00205098	0.372814	-2.68231	0.0193469	0.526011	-1.9011	9.54816	7.80197	0.726327	1
cg01178971	0.00961936	0.350975	-2.84921	0.000319917	0.155548	-6.42887	0.000629779	0.18663	-5.3582	0.00553827	0.312093	-3.20418	9.38575	15.1704	1.43673	1
cg20533553	0.00700859	0.302336	-3.30758	0.00231219	0.232156	-4.30745	0.0127863	0.346096	-2.88937	0.0685781	0.496877	-2.01257	8.8331	16.466	1.657	1
cg10678459	0.00982351	0.390352	-2.56179	0.00080218	0.232617	-4.29891	0.00113674	0.251654	-3.9737	0.0828263	0.57487	-1.73952	8.41052	11.0657	1.1695	1
cg09336947	?	?	?	0.000430585	0.174005	-5.74695	0.00550362	0.318005	-3.1446	0.409993	0.767571	-1.30281	7.31231	7.60965	1.38755	1
cg04104132	0.0650271	0.571536	-1.74967	0.0547264	0.555228	-1.80106	0.00268355	3.0662	3.0662	0.14338	0.654029	-1.52899	6.13419	7.08366	1.02648	1
cg00283576	0.397542	1.1546	1.1546	0.000981975	0.44343	-2.25515	0.0038577	0.524089	-1.90807	0.799257	1.0432	1.0432	5.63304	2.45688	0.387694	1
cg05760393	0.212631	3.95279	3.95279	0.177265	0.222809	-4.48814	0.00104314	0.00621014	-161.027	0.806569	0.773481	-1.29286	5.45963	94.7914	15.4331	1
cg12578166	0.0825126	2.44228	2.44228	0.000198638	18.2097	18.2097	0.623719	1.25807	1.25807	0.156637	2.02075	2.02075	5.42701	18.5296	3.03496	1
cg24079038	0.0827449	0.497366	-2.01059	0.00057829	0.144365	-6.92687	0.0314311	0.399566	-2.50272	0.326961	0.692216	-1.44464	4.86403	10.179	1.86019	1
cg03371125	0.0347108	0.413654	-2.41748	0.0047964	0.261295	-3.8271	0.00308214	0.233992	-4.27365	0.0382439	0.422696	-2.36577	4.61381	9.3946	1.80995	1
cg23267890	0.360989	1.60953	1.60953	0.0495941	0.321308	-3.11228	0.102024	2.47704	2.47704	0.719676	0.833055	-1.2004	4.31965	17.5736	3.61627	1
cg19698309	0.335708	1.35707	1.35707	0.0192474	2.38916	2.38916	0.37582	0.75612	-1.32254	0.0563407	0.514454	-1.94381	3.91016	5.85865	1.33183	1
cg05418487	0.0908742	2.7511	2.7511	0.000728765	16.2943	16.2943	0.559012	1.37857	1.37857	0.100295	2.6598	2.6598	3.90744	18.2687	4.15588	1
cg04204548	0.291537	0.874621	-1.14335	0.0074939	1.52399	1.52399	0.319553	1.13418	1.13418	0.729115	0.95834	-1.04347	3.70806	0.879887	0.210924	1
cg04902871	0.0213174	2.48181	2.48181	0.0073479	0.321406	-3.11133	0.76941	0.907952	-1.10138	0.578746	0.831736	-1.2023	3.44071	5.88049	1.51919	1
cg16778148	9.06E-06	0.324858	-3.07826	0.158092	0.838128	-1.19313	0.000268498	0.496781	-2.01296	0.0223673	0.725969	-1.37747	65.9138	14.294	0.192764	1
cg20921686	0.351369	0.864367	-1.15692	1.53E-06	0.157737	-6.33968	0.00123098	0.487644	-2.05068	0.000456263	0.432121	-2.31417	31.2132	11.4168	0.325128	1
cg18450293	0.0429382	0.64016	-1.56211	0.423609	0.855152	-1.16938	0.418662	1.17143	1.17143	0.652573	0.916891	-1.09064	24.9104	14.4628	0.516081	1
cg01689159	0.000569888	0.290789	-3.43892	0.00351233	0.399991	-2.50006	0.00466808	0.418671	-2.38851	0.0285131	0.549788	-1.81888	22.8434	19.3826	0.75422	1
cg19975301	0.398473	0.927485	-1.07818	0.0743582	1.18902	1.18902	0.410349	1.07607	1.07607	0.0523428	0.82518	-1.21186	22.3944	2.6895	0.106753	1
cg12949760	0.0917125	1.42582	1.42582	0.0111531	1.8363	1.8363	0.0156308	1.76165	1.76165	0.00652269	0.508991	-1.96467	21.3356	12.3338	0.513852	1
cg06827779	0.0019697	0.491134	-2.03611	0.00192277	0.489721	-2.04198	0.000460421	0.408044	-2.45072	0.000184104	0.357914	-2.79397	19.3436	8.09752	0.372103	1
cg17291157	0.88601	0.973181	-1.02756	5.79E-06	0.14472	-6.90988	0.0195771	0.585896	-1.70679	0.627612	0.911518	-1.09707	18.9883	10.8018	0.505656	1
cg16305144	0.140406	0.730122	-1.36963	1.13E-05	0.157333	-6.35593	0.00103361	0.381381	-2.62205	0.000946531	0.376222	-2.65801	17.7913	11.083	0.553728	1
cg07640406	3.19E-05	1.90104	1.90104	0.0255228	1.23435	1.23435	0.00920338	0.769263	-1.29994	0.016072	0.791574	-1.26331	17.7666	1.77105	0.0886079	1
cg14637411	0.109907	1.16461	1.16461	0.379507	1.08203	1.08203	0.0217696	0.785979	-1.2723	0.0211494	0.784728	-1.27433	17.3744	2.10437	0.107662	1
cg24478595	0.437554	1.08298	1.08298	0.000745617	1.67404	1.67404	0.185462	0.868186	-1.15183	0.318517	1.10936	1.10936	17.2735	2.77242	0.142668	1
cg07549149	0.402217	1.169	1.169	0.000762588	2.53184	2.53184	0.121866	0.736812	-1.3572	0.532457	0.891218	-1.12206	16.3755	8.60396	0.467036	1
cg23750514	0.497089	0.865495	-1.15541	0.0254499	0.57326	-1.74441	0.380249	1.20753	1.20753	0.00260213	0.41728	-2.39647	16.3337	11.3559	0.617996	1
cg02021157	0.00657189	0.411867	-2.42797	4.13E-05	0.140368	-7.12415	0.085243	1.61313	1.61313	0.181268	0.700003	-1.42857	14.1147	14.1181	0.889105	1
cg03118430	0.978756	1.00665	1.00665	0.18371	1.42085	1.42085	0.45735	1.20743	1.20743	0.0662092	0.598593	-1.67058	13.8888	13.6434	0.873179	1
cg07003739	0.00724199	0.48362	-2.06774	3.59E-05	0.188227	-5.31274	0.438873	1.18003	1.18003	0.0350151	0.597491	-1.67367	13.5295	9.41907	0.618836	1
cg20768429	0.797976	1.03263	1.03263	0.00190637	1.73422	1.73422	0.322169	0.879819	-1.1366	0.400983	1.11363	1.11363	13.3344	3.31014	0.220659	1
cg06159548	0.165371	0.791788	-1.26296	0.00565352	0.563876	-1.77344	0.049727	0.702446	-1.4236	0.127578	0.771086	-1.29687	13.1235	5.17432	0.350469	1
cg26879282	0.00736593	0.4164	-2.40154	0.105345	0.63835	-1.56654	0.118887	0.650907	-1.53632	0.714131	1.09782	1.09782	12.6271	12.8696	0.90596	1
cg23968213	0.0876004	0.697995	-1.43268	0.00462911	2.05103	2.05103	0.054638	1.51538	1.51538	0.173392	0.758658	-1.31812	12.1255	6.98195	0.511831	1
cg08007665	0.299509	1.08702	1.08702	0.00172817	1.41468	1.41468	0.130765	0.881057	-1.135	0.12189	0.877987	-1.13897	12.0291	1.14738	0.0847854	1
cg17035132	0.00218325	0.234925	-4.25668	7.56E-05	0.0889483	-11.2425	0.0122776	0.34957	-2.86066	0.00620637	0.300458	-3.32825	11.6944	21.0336	1.59875	1
cg04894537	0.0718743	0.77273	-1.29411	0.00462019	0.616582	-1.62184	0.787048	1.03535	1.03535	0.00630231	0.63349	-1.57856	11.0732	2.88728	0.231774	1
cg01734338	0.119473	1.42777	1.42777	0.000938224	0.353306	-2.83041	0.73583	0.931113	-1.07398	0.155603	0.725961	-1.37748	10.944	7.70063	0.625455	1
cg03170016	0.302662	1.2154	1.2154	0.00207949	2.20733	2.20733	0.378908	1.17931	1.17931	0.0619961	1.46805	1.46805	10.8867	5.75523	0.469911	1
cg26929889	0.347287	0.8213	-1.21758	0.0057443	0.478801	-2.08855	0.602744	0.89869	-1.11273	0.270234	0.791732	-1.26305	10.2018	6.68624	0.582576	1
cg25513073	0.916587	0.978214	-1.02227	0.00181716	2.53971	2.53971	0.0187589	0.549477	-1.81991	0.637984	0.905157	-1.10478	9.3967	6.57916	0.622361	1
cg26884837	0.000170924	0.434905	-2.29935	0.414098	0.896899	-1.11495	0.0828393	0.778549	-1.28444	0.813023	0.969591	-1.03136	8.2194	2.21121	0.239132	1
cg20850984	0.145749	0.767675	-1.30263	0.000171283	0.33922	-2.94794	0.300687	1.19906	1.19906	0.117836	0.750148	-1.33307	8.14295	3.69548	0.403401	1
cg27491887	0.00659836	2.1503	2.1503	0.0920117	0.668573	-1.49572	0.00165439	2.65741	2.65741	0.0594893	1.58681	1.58681	8.02878	5.99137	0.663322	1
cg03600094	0.615042	1.09945	1.09945	0.451145	1.15437	1.15437	0.205793	0.779142	-1.28346	0.321661	1.21099	1.21099	7.62174	4.22025	0.492189	1
cg13859639	0.513151	0.88143	-1.13452	0.378599	1.18757	1.18757	0.00754003	1.92377	1.92377	0.330221	0.825961	-1.21071	7.25152	4.15934	0.50985	1
cg23272088	0.0124808	0.256546	-3.89794	0.00165956	0.139504	-7.16827	0.00224663	0.15379	-6.50239	0.186897	0.542095	-1.8447	7.21774	21.8982	2.69683	1
cg13536051	0.0329509	0.570676	-1.75231	0.835166	0.954223	-1.04797	0.0264014	0.553185	-1.80771	0.436889	0.83664	-1.19526	6.80218	5.44852	0.711997	1
cg08249467	0.282701	1.50769	1.50769	0.0230372	2.71776	2.71776	0.997325	0.998768	-1.00123	0.0129962	0.321843	-3.10711	6.72374	14.4067	1.90459	1
cg22047766	0.73585	1.08667	1.08667	0.0909769	0.633149	-1.57941	0.424917	1.22144	1.22144	0.663351	1.11351	1.11351	6.6892	6.38388	0.848317	1
cg17341170	0.797063	0.947971	-1.05488	0.258075	1.27723	1.27723	0.00351634	0.440128	-2.27207	0.214246	0.76252	-1.31144	6.62205	4.50907	0.60526	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03660952	KCNQ1;KCNQ1	0.00875269	0.747911	0.97247	-1.02831	0.54397	0.948218	-1.05461	0.000688518	0.638503	-1.56616	0.187422	1.12857	1.12857	0.0180219	0.779782	-1.28241
cg02258534	KCNQ1;KCNQ1	0.00908161	0.301725	0.814567	-1.22765	0.415137	0.852428	-1.17312	0.00317808	0.461928	-2.16484	0.649685	0.916079	-1.09161	0.00499455	0.490567	-2.03846
cg15467785	KCNQ1;KCNQ1	0.00915904	0.262522	0.655593	-1.52534	0.610513	0.830564	-1.204	0.00255711	0.220435	-4.53649	0.718488	1.13978	1.13978	0.00271363	0.223854	-4.46721
cg07040680	KCNQ1;KCNQ1	0.0096839	0.00706899	0.282063	-3.5453	0.0040524	0.245833	-4.0678	0.0254551	0.380791	-2.62612	0.0252204	0.379988	-2.63166	0.00145442	0.187846	-5.32352
cg16465939	KCNQ1;KCNQ1	0.00973239	0.0581068	1.85662	1.85662	0.00524693	2.897	2.897	0.837686	0.942461	-1.06105	0.227168	1.44238	1.44238	0.564357	1.18334	1.18334
cg06838584	KCNQ1;KCNQ1	0.0102076	0.0112852	0.183743	-5.44237	0.011408	0.184433	-5.42202	0.0219711	0.230594	-4.33663	0.180282	0.467843	-2.13747	0.0127019	0.1914	-5.22465
cg20751395	KCNQ1;KCNQ1	0.0109622	0.0682539	0.71551	-1.39761	0.0733179	0.720764	-1.38742	0.521294	1.11248	1.11248	0.712921	0.941204	-1.06247	0.0486602	0.691255	-1.44664
cg03905757	KCNQ1;KCNQ1	0.0121156	0.0238681	0.456392	-2.1911	0.169185	0.653009	-1.53137	0.00838109	0.375326	-2.66435	0.118941	0.611158	-1.63624	0.00209389	0.283804	-3.52356
cg26709929	KCNQ1;KCNQ1	0.0121731	0.0169436	0.453062	-2.2072	0.102776	0.615547	-1.62457	0.00157074	0.290981	-3.43666	0.127126	0.638591	-1.56595	0.00211817	0.308995	-3.2363
cg19670883	KCNQ1;KCNQ1	0.0124157	0.793216	1.14362	1.14362	0.708253	0.82529	-1.2117	0.248295	0.539827	-1.85244	0.905787	1.06235	1.06235	0.595104	1.31521	1.31521
cg08066631	KCNQ1;KCNQ1	0.0126429	0.916779	0.971687	-1.02914	0.613739	1.15011	1.15011	0.764806	0.92086	-1.08594	0.237395	1.40513	1.40513	0.627603	1.14377	1.14377
cg17820828	KCNQ1;KCNQ1	0.0130408	0.0195174	5.50515	5.50515	0.00657561	8.43709	8.43709	0.0749929	3.31403	3.31403	0.0801686	3.23155	3.23155	0.0220786	5.25227	5.25227
cg13145504	KCNQ1;KCNQ1	0.0132212	0.921386	0.990366	-1.00973	0.671616	1.04271	1.04271	0.00231692	0.658809	-1.51789	0.18811	0.872158	-1.14658	0.019417	0.757929	-1.31938
cg23903244	KCNQ1;KCNQ1	0.0133837	0.0427026	5.02665	5.02665	0.0360912	5.40392	5.40392	0.141066	2.99104	2.99104	0.153625	2.87883	2.87883	0.0254749	6.28178	6.28178
cg12263990	KCNQ1;KCNQ1	0.0149245	0.0117955	0.538555	-1.85682	0.804458	0.952356	-1.05003	0.0633195	0.663014	-1.50826	0.0309163	0.60734	-1.64652	0.0520591	0.647326	-1.54482
cg19852660	KCNQ1;KCNQ1	0.0150994	0.864225	0.966523	-1.03464	0.0199176	1.74899	1.74899	0.0358731	0.615264	-1.62532	0.00427146	0.467421	-2.1394	0.0397626	0.62315	-1.60475
cg14328115	KCNQ1;KCNQ1	0.0165647	0.398711	1.60641	1.60641	0.0952863	2.7332	2.7332	0.391653	0.617867	-1.61847	0.922134	0.947776	-1.0551	0.0233279	0.22607	-4.42342
cg11585942	KCNQ1;KCNQ1	0.0171177	0.033343	0.605932	-1.65035	0.0294381	1.67639	1.67639	0.137782	0.724734	-1.37982	0.228244	0.775099	-1.29016	0.546465	0.884311	-1.13082
cg07210454	KCNQ1;KCNQ1	0.0173815	0.825642	1.07364	1.07364	0.961056	0.984398	-1.01585	0.178722	0.631233	-1.5842	0.713094	1.1263	1.1263	0.0039761	0.287343	-3.48016
cg18272633	KCNQ1;KCNQ1	0.019494	0.494244	0.86889	-1.15089	0.0132009	1.86263	1.86263	0.67567	0.918339	-1.08892	0.0449784	0.627624	-1.59331	0.840412	1.04166	1.04166
cg10868210	KCNQ1;KCNQ1	0.0201813	0.653167	1.0884	1.0884	0.153564	1.33128	1.33128	0.379352	1.18398	1.18398	0.691804	1.07747	1.07747	0.00362925	0.478519	-2.08978
cg19728223	KCNQ1;KCNQ1	0.0208019	0.0441151	6.26765	6.26765	0.0579645	5.47859	5.47859	0.212258	2.83678	2.83678	0.150393	3.3985	3.3985	0.0361539	6.91409	6.91409
cg05125641	KCNQ1;KCNQ1	0.0211274	0.0235947	0.118186	-8.46122	0.00498374	0.053064	-18.8452	0.0670311	0.197555	-5.06188	0.0773382	0.211981	-4.71741	0.0109645	0.080316	-12.4508
cg26671281	KCNQ1;KCNQ1	0.0224312	0.303233	0.779678	-1.28258	0.00229271	0.369779	-2.70432	0.0521222	0.597142	-1.67464	0.519121	1.16478	1.16478	0.0166712	0.505538	-1.97809
cg19095714	KCNQ1;KCNQ1	0.022614	0.600532	1.12063	1.12063	0.00768589	0.477882	-2.09257	0.00504106	0.449536	-2.22452	0.555016	0.879236	-1.13735	0.153166	1.39061	1.39061
cg00325528	KCNQ1;KCNQ1	0.0226867	0.0177382	0.512489	-1.95126	0.00185814	0.359192	-2.78403	0.0535346	0.601494	-1.66253	0.452674	0.837472	-1.19407	0.190012	0.724847	-1.3796
cg08552043	KCNQ1;KCNQ1	0.0232668	0.0130047	0.162579	-6.15086	0.150063	0.402722	-2.4831	0.0394331	0.245518	-4.07303	0.09153	0.334454	-2.98995	0.00812618	0.135693	-7.36957
cg03197835	KCNQ1;KCNQ1	0.0237717	0.639002	1.25214	1.25214	0.513947	1.37027	1.37027	0.0155656	0.243698	-4.10344	0.190349	0.516843	-1.93482	0.0827934	0.400822	-2.49487
cg07824422	KCNQ1;KCNQ1	0.0256091	0.847705	0.952816	-1.04952	0.491754	1.1919	1.1919	0.00153008	0.317719	-3.14744	0.0327851	0.53375	-1.87354	0.934533	1.02087	1.02087
cg26438846	KCNQ1;KCNQ1	0.0277381	0.753269	0.967528	-1.03356	0.00311396	1.52699	1.52699	0.243399	1.1363	1.1363	0.0380878	1.28618	1.28618	0.0335093	0.771038	-1.29695
cg03365111	KCNQ1;KCNQ1	0.0280903	0.560232	0.787436	-1.26994	0.87736	1.06466	1.06466	0.00683124	0.241332	-4.14367	0.295328	1.55319	1.55319	0.00888879	0.259038	-3.86043
cg07618453	KCNQ1;KCNQ1	0.0281751	0.672098	0.90487	-1.10513	0.714649	1.09005	1.09005	0.0147925	0.494509	-2.02221	0.0846476	0.639036	-1.56486	0.00254242	0.37405	-2.67344
cg21752270	KCNQ1;KCNQ1	0.0283737	0.159792	1.21383	1.21383	0.00237125	1.72767	1.72767	0.144571	1.22405	1.22405	0.897771	0.983555	-1.01672	0.116274	1.24631	1.24631
cg24492694	KCNQ1;KCNQ1	0.0292945	0.0394269	0.578477	-1.72868	0.0366975	1.74648	1.74648	0.0440022	1.7018	1.7018	0.543796	0.868349	-1.15161	0.022012	0.532039	-1.87956
cg03030994	KCNQ1;KCNQ1	0.0294718	0.0451545	0.682109	-1.46604	0.638187	1.08203	1.08203	0.745839	1.05563	1.05563	0.278998	0.829151	-1.20605	0.000704909	0.423398	-2.36184
cg18729298	KCNQ1;KCNQ1	0.036659	0.229606	1.85099	1.85099	0.222589	0.534705	-1.87019	0.0214271	0.259248	-3.85731	0.524437	0.729741	-1.37035	0.265536	1.76248	1.76248
cg26504274	KCNQ1;KCNQ1	0.0366739	0.0465944	0.612804	-1.63184	0.0330309	1.7086	1.7086	0.50506	1.15644	1.15644	0.0385673	0.59753	-1.67356	0.0516238	0.621243	-1.60968
cg26524638	KCNQ1;KCNQ1	0.0397695	0.633438	1.06065	1.06065	0.113451	0.809703	-1.23502	0.92819	0.989014	-1.01111	0.728179	1.04369	1.04369	0.977438	1.00347	1.00347
cg14089425	KCNQ1;KCNQ1	0.0397893	0.0237559	0.254424	-3.93044	0.431059	0.665266	-1.50316	0.201676	0.504713	-1.98132	0.578157	0.752101	-1.32961	0.00313531	0.128962	-7.7542
cg24073146	KCNQ1;KCNQ1	0.0401183	0.067194	0.2502	-3.9968	0.0339584	0.187877	-5.32265	0.102799	0.299532	-3.33855	0.454394	0.597691	-1.67311	0.0277028	0.172425	-5.79962
cg26411299	KCNQ1;KCNQ1	0.0412745	0.736309	0.940817	-1.06291	0.506536	1.12936	1.12936	0.945009	0.987626	-1.01253	0.0750939	1.43013	1.43013	0.335497	0.835881	-1.19634
cg24376802	KCNQ1;KCNQ1	0.0415606	0.0631169	0.452645	-2.20924	0.443188	0.743438	-1.3451	0.0168505	0.330963	-3.02148	0.825947	0.919879	-1.0871	0.00691399	0.26564	-3.76449
cg13893637	KCNQ1;KCNQ1	0.0422625	0.987909	1.0022	1.0022	0.0024836	0.543589	-1.83963	0.082852	0.756986	-1.32103	0.219291	0.829221	-1.20595	0.301484	0.856256	-1.16787
cg07592519	KCNQ1;KCNQ1	0.0435914	0.0424782	0.0815293	-12.2655	0.00358633	0.0145224	-68.859	0.0389399	0.0769362	-12.9978	0.174915	0.212652	-4.70251	0.024874	0.0569891	-17.5472
cg22296808	KCNQ1;KCNQ1	0.0453095	0.709143	0.918688	-1.08851	0.11221	0.67608	-1.47911	0.0509376	0.604544	-1.65414	0.279851	0.775476	-1.28953	0.00508536	0.432503	-2.31212
cg01298120	KCNQ1;KCNQ1	0.0468939	0.0221193	0.102312	-9.77399	0.362798	0.459725	-2.17521	0.509632	0.573635	-1.74327	0.114312	0.240003	-4.16661	0.0194863	0.0957339	-10.4456
cg25786675	KCNQ1;KCNQ1	0.0496015	0.0250124	0.23737	-4.21284	0.0628268	0.32339	-3.09224	0.20862	0.489248	-2.04395	0.131266	0.415314	-2.40782	0.00647061	0.148186	-6.7483
cg11297256	KCNQ1;KCNQ1OT1;KCNQ1	1.17E-05	0.647651	0.941289	-1.06237	0.333254	0.877012	-1.14024	1.82E-06	0.209495	-4.77338	0.214644	0.842174	-1.1874	0.120583	0.801415	-1.24779
cg27119222	KCNQ1;KCNQ1OT1;KCNQ1	1.17E-05	0.14643	1.28704	1.28704	0.0389268	1.47252	1.47252	4.74E-06	0.183495	-5.44974	0.535586	0.903431	-1.10689	0.5829	1.09393	1.09393
cg06914593	KCNQ1;KCNQ1OT1;KCNQ1	0.000115008	0.0115504	0.855223	-1.16929	0.00339221	1.21803	1.21803	0.00714537	0.841968	-1.18769	0.191097	0.933754	-1.07095	0.314268	1.05288	1.05288
cg07683142	KCNQ1;KCNQ1OT1;KCNQ1	0.000294903	0.879518	0.964409	-1.0369	0.234147	0.742318	-1.34713	0.132405	1.47394	1.47394	0.707046	1.0944	1.0944	8.15E-06	0.097459	-10.2607
cg20689362	KCNQ1;KCNQ1OT1;KCNQ1	0.000763612	0.0212634	0.788826	-1.26771	0.5333	0.947377	-1.05555	0.443202	0.935212	-1.06928	0.0833818	0.848568	-1.17846	0.89534	1.01134	1.01134
cg13203297	KCNQ1;KCNQ1OT1;KCNQ1	0.000932635	0.0601172	1.27348	1.27348	0.0471223	0.771823	-1.29563	0.584319	0.938959	-1.06501	1.87E-05	2.69981	2.69981	0.190979	1.17099	1.17099
cg18106482	KCNQ1;KCNQ1OT1;KCNQ1	0.00128855	0.00537012	0.41789	-2.39298	0.00106305	0.316115	-3.16341	0.00812927	0.44645	-2.23989	0.226795	0.739316	-1.3526	0.000609705	0.284528	-3.51459
cg00000924	KCNQ1;KCNQ1OT1;KCNQ1	0.00146312	0.499407	0.889486	-1.12424	0.47843	1.13099	1.13099	0.0016407	0.462952	-2.16005	0.274143	1.21454	1.21454	0.342788	0.846247	-1.18169
cg05753930	KCNQ1;KCNQ1OT1;KCNQ1	0.00172707	0.382764	0.745992	-1.3405	0.117765	0.573419	-1.74392	0.965594	0.985978	-1.01422	0.58183	1.19973	1.19973	0.000215131	0.132331	-7.55678
cg16713357	KCNQ1;KCNQ1OT1;KCNQ1	0.00233482	0.00239796	0.690486	-1.44826	0.0216297	1.2731	1.2731	0.722369	1.03173	1.03173	0.966305	1.00371	1.00371	0.486183	0.93993	-1.06391
cg20402210	KCNQ1;KCNQ1OT1;KCNQ1	0.00245783	0.000411039	0.238353	-4.19546	0.0220075	0.495464	-2.01831	0.0251323	0.506147	-1.97571	0.29739	1.31808	1.31808	0.000469507	0.245287	-4.07685
cg07072281	KCNQ1;KCNQ1OT1;KCNQ1	0.00252559	0.99569	0.999292	-1.00071	0.00729887	0.635444	-1.5737	0.0076853	0.638305	-1.56665	0.421566	1.11361	1.11361	0.267098	0.859394	-1.16361
cg14392746	KCNQ1;KCNQ1OT1;KCNQ1	0.00316859	0.584802	1.12054	1.12054	0.025804	0.579252	-1.72637	0.00241742	0.418365	-2.39026	0.573881	1.12435	1.12435	0.855099	0.962994	-1.03843
cg08160246	KCNQ1;KCNQ1OT1;KCNQ1	0.00345192	0.00101755	0.422371	-2.36759	0.00620444	0.531968	-1.87981	0.0664054	1.43928	1.43928	0.0105698	0.566177	-1.76623	0.00223096	0.468839	-2.13293
cg07556018	KCNQ1;KCNQ1OT1;KCNQ1	0.00741588	0.0866337	0.636835	-1.57027	0.0437184	1.73806	1.73806	0.00858988	0.449702	-2.22369	0.0374343	0.562275	-1.77849	0.0121721	0.474754	-2.10636
cg03411938	KCNQ1;KCNQ1OT1;KCNQ1	0.0125869	0.00479702	0.281684	-3.55007	0.0720938	0.506858	-1.97294	0.00440633	0.276176	-3.62088	0.194895	0.62869	-1.59061	0.0130092	0.35236	-2.83801
cg19672982	KCNQ1;KCNQ1OT1;KCNQ1	0.0127491	0.0953277	2.00991	2.00991	0.4737	0.757608	-1.31994	0.164945	0.56875	-1.75824	0.00238855	5.01581	5.01581	0.11385	0.519283	-1.92573
cg11342234	KCNQ1;KCNQ1OT1;KCNQ1	0.0133868	0.0105573	0.369126	-2.70911	0.0125137	0.381943	-2.61819	0.23775	0.681699	-1.46692	0.0232463	0.431541	-2.31728	0.0125964	0.382446	-2.61475
cg13444966	KCNQ1;KCNQ1OT1;KCNQ1	0.0211745	0.0209329	0.328967	-3.03982	0.0257251	0.346479	-2.88618	0.109703	0.49771	-2.0092	0.642958	0.829615	-1.20538	0.00287711	0.193898	-5.15735
cg11875582	KCNQ1;KCNQ1OT1;KCNQ1	0.0234639	0.00657716	0.171891	-5.81763	0.502588	0.712137	-1.40423	0.0338884	0.290606	-3.44108	0.883649	1.0758	1.0758	0.0755558	0.372684	-2.68324
cg22239603	KCNQ1;KCNQ1OT1;KCNQ1	0.0393792	0.00972416	0.280134	-3.56972	0.173246	1.7574	1.7574	0.464368	0.748452	-1.33609	0.938287	0.970321	-1.03059	0.00347132	0.213626	-4.68108
cg13880539	KCNQ1;KCNQ1OT1;KCNQ1	0.0468829	0.0192367	0.331841	-3.01349	0.0101539	0.282835	-3.53563	0.00882639	0.272902	-3.66432	0.704543	1.15997	1.15997	0.123729	0.522363	-1.91438
cg02646491	KCNQ1DN	0.0102871	0.642722	1.26197	1.26197	0.250098	0.54958	-1.81957	0.00777122	5.48687	5.48687	0.174133	2.05455	2.05455	0.0963214	0.402756	-2.4829
cg04457979	KCNQ1DN	0.0401585	0.414365	0.518918	-1.92709	0.0261364	0.119446	-8.37199	0.175117	3.12912	3.12912	0.767485	1.26166	1.26166	0.0178806	0.0975993	-10.246
cg16739686	KCNQ1OT1;KCNQ1;KCNQ1	8.46E-07	0.0148246	1.36632	1.36632	0.0396425	0.780578	-1.2811	8.37E-06	0.363841	-2.74845	0.694081	1.04202	1.04202	0.639236	0.95203	-1.05039
cg02798157	KCNQ1OT1;KCNQ1;KCNQ1	9.69E-07	0.00050433	0.632886	-1.58006	0.0213702	0.792414	-1.26197	2.72E-07	0.278195	-3.5946	0.0305609	0.80751	-1.23838	8.29E-06	0.441302	-2.26602
cg21137515	KCNQ1OT1;KCNQ1;KCNQ1	2.74E-06	0.73184	1.02668	1.02668	0.0161326	0.798275	-1.2527	2.30E-06	0.413902	-2.41603	0.0199422	0.806538	-1.23987	2.83E-07	0.314185	-3.18284
cg11993252	KCNQ1OT1;KCNQ1;KCNQ1	1.04E-05	0.531586	0.95005	-1.05258	0.00362411	0.727351	-1.37485	9.55E-05	0.570236	-1.75366	0.230758	0.903338	-1.10701	0.527494	0.949551	-1.05313
cg26908876	KCNQ1OT1;KCNQ1;KCNQ1	1.69E-05	0.658482	1.07771	1.07771	0.0264271	0.642207	-1.55713	1.65E-05	0.225142	-4.44165	0.394126	1.15819	1.15819	0.307652	0.837217	-1.19443
cg07595203	KCNQ1OT1;KCNQ1;KCNQ1	2.15E-05	0.35452	1.11904	1.11904	0.227664	0.861111	-1.16129	8.83E-05	0.436307	-2.29197	0.796914	0.970008	-1.03092	0.318161	0.885299	-1.12956
cg26094482	KCNQ1OT1;KCNQ1;KCNQ1	2.51E-05	0.366745	1.13415	1.13415	0.0236565	0.692979	-1.44305	1.07E-05	0.279144	-3.58238	0.980206	1.00337	1.00337	0.0441299	0.730553	-1.36883
cg03401726	KCNQ1OT1;KCNQ1;KCNQ1	2.73E-05	0.475111	1.05504	1.05504	0.361336	0.933118	-1.07168	0.000788512	0.687781	-1.45395	0.0396646	0.839041	-1.19184	0.293589	1.08369	1.08369
cg20699737	KCNQ1OT1;KCNQ1;KCNQ1	4.17E-05	0.160972	1.21382	1.21382	0.223311	0.847393	-1.18009	9.44E-05	0.406366	-2.46083	0.936789	1.01032	1.01032	0.83421	0.97324	-1.0275
cg26547719	KCNQ1OT1;KCNQ1;KCNQ1	4.27E-05	0.00816316	1.40551	1.40551	0.206718	0.874679	-1.14328	0.00138258	0.627333	-1.59405	0.759808	0.969637	-1.03131	0.781767	1.02832	1.02832
cg08359167	KCNQ1OT1;KCNQ1;KCNQ1	5.00E-05	0.62993	1.04028	1.04028	0.0437214	0.828154	-1.20751	0.00165092	0.693277	-1.44242	0.301807	0.916673	-1.0909	0.0766964	1.17366	1.17366
cg03422070	KCNQ1OT1;KCNQ1;KCNQ1	5.37E-05	0.846988	1.02827	1.02827	0.209667	0.826298	-1.21022	9.32E-06	0.251251	-3.98008	0.520156	1.09864	1.09864	0.356517	0.872098	-1.14666
cg11666921	KCNQ1OT1;KCNQ1;KCNQ1	5.96E-05	0.641084	0.922588	-1.08391	0.0207626	0.620194	-1.6124	0.000107778	0.309838	-3.22749	0.418477	1.15244	1.15244	0.124054	0.751397	-1.33086
cg02219360	KCNQ1OT1;KCNQ1;KCNQ1	6.00E-05	0.0742952	1.35526	1.35526	0.0861857	0.748418	-1.33615	0.000371866	0.418747	-2.38808	0.889549	1.02147	1.02147	0.880142	1.02333	1.02333
cg15651941	KCNQ1OT1;KCNQ1;KCNQ1	9.19E-05	0.51077	0.883268	-1.13216	0.0248598	0.608406	-1.64364	2.23E-05	0.205446	-4.86746	0.736355	1.0649	1.0649	0.188731	0.771729	-1.29579
cg08446215	KCNQ1OT1;KCNQ1;KCNQ1	0.000124895	0.061756	1.43073	1.43073	0.0293253	0.645951	-1.54811	0.000159724	0.3334	-2.9994	0.759963	0.949165	-1.05356	0.754777	0.948054	-1.05479
cg14243741	KCNQ1OT1;KCNQ1;KCNQ1	0.000161336	0.765947	1.04089	1.04089	0.0111706	0.652511	-1.53254	5.68E-05	0.366626	-2.72758	0.160694	1.22282	1.22282	0.232728	1.18293	1.18293
cg26104781	KCNQ1OT1;KCNQ1;KCNQ1	0.000285663	0.395511	1.15515	1.15515	0.0330198	0.661532	-1.51164	0.000245564	0.366365	-2.72952	0.982482	0.996368	-1.00365	0.699388	1.06643	1.06643
cg12077660	KCNQ1OT1;KCNQ1;KCNQ1	0.000297955	0.657442	1.05317	1.05317	0.558975	0.933703	-1.071	0.0162726	0.711009	-1.40645	0.856881	0.979263	-1.02118	0.988685	1.00165	1.00165
cg01893176	KCNQ1OT1;KCNQ1;KCNQ1	0.000333447	0.931145	0.991443	-1.00863	0.00772659	0.711565	-1.40535	3.50E-05	0.451536	-2.21466	0.602687	0.949114	-1.05361	0.494353	1.07145	1.07145
cg01873334	KCNQ1OT1;KCNQ1;KCNQ1	0.000482936	0.866331	0.978019	-1.02248	0.255205	0.854939	-1.16967	0.00200543	0.562546	-1.77763	0.179408	0.828491	-1.20701	0.924454	0.987565	-1.01259
cg05740879	KCNQ1OT1;KCNQ1;KCNQ1	0.00048461	0.579448	0.930753	-1.0744	0.0211598	0.700951	-1.42663	0.000144679	0.432147	-2.31403	0.114109	0.802254	-1.24649	0.46787	1.09932	1.09932
cg05816130	KCNQ1OT1;KCNQ1;KCNQ1	0.000553932	0.511786	1.09078	1.09078	0.0370237	0.728893	-1.37194	0.000224328	0.448564	-2.22934	0.260742	1.16552	1.16552	0.202244	1.19221	1.19221
cg27604721	KCNQ1OT1;KCNQ1;KCNQ1	0.000562404	0.00761187	0.380399	-2.62882	0.146242	0.644506	-1.55158	0.0021411	0.296836	-3.36886	0.0408606	0.514381	-1.94408	0.000340613	0.196875	-5.07937
cg25306939	KCNQ1OT1;KCNQ1;KCNQ1	0.000716381	0.318728	0.804637	-1.2428	0.0133677	0.523972	-1.9085	0.000212966	0.271185	-3.68752	0.467017	0.85546	-1.16896	0.91914	0.978809	-1.02165
cg03654058	KCNQ1OT1;KCNQ1;KCNQ1	0.00105523	0.0125083	0.456834	-2.18898	0.948946	0.983983	-1.01628	0.000254355	0.218771	-4.57099	0.621524	0.88207	-1.1337	0.000513169	0.254754	-3.92536
cg27323091	KCNQ1OT1;KCNQ1;KCNQ1	0.00132332	0.593271	0.962727	-1.03872	0.764559	1.02139	1.02139	0.00132029	0.719495	-1.38986	0.284221	0.92461	-1.08154	0.37712	0.93814	-1.06594
cg26963277	KCNQ1OT1;KCNQ1;KCNQ1	0.00403435	0.0189565	0.204863	-4.88132	0.0515703	0.290414	-3.44336	0.00654557	0.139303	-7.17858	0.241479	0.504522	-1.98208	0.00141774	0.0759979	-13.1583
cg11272547	KCNQ1OT1;KCNQ1;KCNQ1	0.00477704	0.00402648	0.251561	-3.97519	0.131194	0.558718	-1.78981	0.00968156	0.310608	-3.21949	0.0386937	0.425184	-2.35193	0.000489029	0.142074	-7.0386
cg16556677	KCNQ1OT1;KCNQ1;KCNQ1	0.00656066	0.014774	0.382538	-2.61412	0.193224	0.643372	-1.55431	0.00461853	0.299016	-3.3443	0.379741	0.749292	-1.33459	0.00112005	0.215031	-4.6505
cg23906872	KCNQ1OT1;KCNQ1;KCNQ1	0.00900685	0.0263793	0.491961	-2.03268	0.129716	0.643413	-1.55421	0.000733404	0.250989	-3.98425	0.782133	1.07754	1.07754	0.00136203	0.285845	-3.4984
cg12433386	KCNQ1OT1;KCNQ1;KCNQ1	0.0112344	0.113167	0.390999	-2.55755	0.018126	0.209495	-4.77338	0.00433819	0.125386	-7.97538	0.409967	0.631936	-1.58244	0.0150759	0.196524	-5.08843
cg04762676	KCNQ1OT1;KCNQ1;KCNQ1	0.0165206	0.991726	0.997776	-1.00223	0.284001	1.27	1.27	0.00517122	0.452585	-2.20953	0.877287	1.03374	1.03374	0.00313197	0.420011	-2.38089
cg07123182	KCNQ1OT1;KCNQ1;KCNQ1	0.0167848	0.0542065	0.179674	-5.56563	0.0298162	0.134168	-7.45335	0.0233886	0.119057	-8.39934	0.368097	0.483675	-2.0675	0.00397906	0.0477409	-20.9464
cg01744331	KCNQ1OT1;KCNQ1;KCNQ1	0.0196745	0.0582673	0.186078	-5.37408	0.02636	0.126251	-7.92076	0.0087373	0.0724382	-13.8049	0.258055	0.395596	-2.52783	0.00800783	0.0692364	-14.4433
cg19678029	KCNQ1OT1;KCNQ1;KCNQ1	0.0252224	0.298674	0.765927	-1.30561	0.367011	1.25785	1.25785	0.219243	0.726269	-1.3769	0.770364	0.930105	-1.07515	0.00065041	0.274091	-3.64843
cg06809295	KCNQ1OT1;KCNQ1;KCNQ1	0.035946	0.192577	0.603808	-1.65616	0.813486	1.09031	1.09031	0.0414392	0.42304	-2.36384	0.126225	1.83164	1.83164	0.00242109	0.213316	-4.68787
cg14958441	KCNQ1OT1;KCNQ1;KCNQ1	0.0365647	0.065882	0.818514	-1.22173	0.0264172	0.774565	-1.29105	0.0213933	0.764667	-1.30776	0.469775	1.07397	1.07397	0.301846	1.10939	1.10939
cg05165559	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.000821277	4.32E-05	0.345062	-2.89803	0.00306153	0.573652	-1.74322	0.00125975	0.524586	-1.90626	0.460983	1.10832	1.10832	0.0159593	0.66743	-1.49828
cg10215330	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00146329	0.400105	1.15279	1.15279	0.000496563	2.45885	2.45885	0.000272672	2.6769	2.6769	0.00455536	1.86583	1.86583	0.0490291	0.690076	-1.44911
cg22368204	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00244075	0.0410532	0.580739	-1.72195	0.000125416	4.66504	4.66504	0.143259	0.695856	-1.43708	0.274629	0.769489	-1.29956	0.510599	0.857414	-1.1663
cg06404662	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00378077	0.634959	0.898725	-1.11269	0.0936255	0.662549	-1.50932	0.521744	1.15601	1.15601	0.842636	0.956593	-1.04538	4.95E-05	0.182479	-5.48007
cg14245619	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00393133	0.00471907	0.297235	-3.36434	0.434625	1.29386	1.29386	0.0174345	0.392444	-2.54813	0.380693	1.33721	1.33721	0.000180824	0.129027	-7.75029
cg01378999	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00951851	0.23798	0.633352	-1.5789	0.0485007	2.29981	2.29981	0.0882303	2.00385	2.00385	0.169203	0.582063	-1.71803	0.000841347	0.15636	-6.39548
cg02311496	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0103667	0.00468408	0.363253	-2.7529	0.293563	0.745655	-1.3411	0.13075	1.55205	1.55205	0.150694	1.51422	1.51422	0.00194902	0.307214	-3.25506
cg09258315	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0106529	0.794813	0.961341	-1.04021	0.0804326	1.3409	1.3409	0.546931	1.0966	1.0966	0.13847	1.27287	1.27287	0.00290214	0.538351	-1.85752
cg01145137	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0231604	0.477378	1.18359	1.18359	0.526482	0.860933	-1.16153	0.226832	1.34454	1.34454	0.981537	1.00541	1.00541	0.00433767	0.410891	-2.43374
cg23517941	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0237573	0.0409543	2.42472	2.42472	0.0698725	2.14055	2.14055	0.133496	1.83617	1.83617	0.15043	1.78377	1.78377	0.795524	1.10242	1.10242
cg01997269	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0246134	0.0051938	0.593259	-1.6856	0.567517	1.08523	1.08523	0.711957	0.94886	-1.0539	0.212113	0.830239	-1.20447	0.0989543	0.774099	-1.29182
cg04649215	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0424552	0.781941	0.857664	-1.16596	0.00262477	10.0234	10.0234	0.0672998	3.10997	3.10997	0.418648	0.632982	-1.57982	0.0842838	0.34755	-2.87728
cg09117405	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0482193	0.0912299	0.742112	-1.34751	0.947196	1.01068	1.01068	0.0360058	0.676327	-1.47857	0.723275	1.05866	1.05866	0.00366642	0.532623	-1.8775
cg06311934	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00358626	0.0163756	0.538476	-1.85709	0.211577	1.32001	1.32001	0.439839	0.846877	-1.18081	0.142203	1.39495	1.39495	0.000231305	0.275437	-3.6306
cg24221633	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00627201	0.308971	0.903305	-1.10705	0.00765847	0.718161	-1.39245	0.00815786	0.721068	-1.38683	0.693976	0.962527	-1.03893	0.0363348	0.790551	-1.26494
cg14498592	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.00865971	0.139509	2.46056	2.46056	0.00781463	6.9125	6.9125	0.00186841	12.1636	12.1636	0.100573	2.76906	2.76906	0.856379	1.10803	1.10803
cg05220534	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.01064	0.568935	1.16088	1.16088	0.953985	1.01507	1.01507	0.0598098	0.576759	-1.73383	0.205254	1.41385	1.41385	0.000934945	0.278097	-3.59586
cg16763728	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0256365	0.479615	1.40526	1.40526	0.00438998	6.05474	6.05474	0.00478261	5.8884	5.8884	0.177949	1.96933	1.96933	0.101694	0.428162	-2.33556
cg16402547	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0269522	0.280326	0.766422	-1.30476	0.918734	1.02449	1.02449	0.625528	1.12366	1.12366	0.902829	0.971462	-1.02938	0.00178209	0.348458	-2.86979
cg19768442	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0371229	0.118393	0.630854	-1.58515	0.888573	0.962621	-1.03883	0.211993	1.42941	1.42941	0.117316	1.58766	1.58766	0.00267721	0.323676	-3.08951
cg12401798	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0411028	0.625151	1.18125	1.18125	0.00080979	5.52465	5.52465	0.349864	1.38479	1.38479	0.158642	1.66489	1.66489	0.665869	1.15833	1.15833
cg18310895	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0411863	0.537382	1.44185	1.44185	0.552505	0.703213	-1.42204	0.0154105	5.7083	5.7083	0.319278	1.8277	1.8277	0.276272	0.515022	-1.94167
cg16162122	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0464735	0.355251	1.3108	1.3108	0.975634	1.00873	1.00873	0.101235	1.66649	1.66649	0.0305792	0.485247	-2.0608	0.430976	1.25703	1.25703

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03660952	0.138628	1.14799	1.14799	0.0735222	1.18854	1.18854	0.600816	1.04676	1.04676	0.124841	1.15469	1.15469	6.1666	0.731935	0.105505	1
cg02258534	0.0331261	1.61202	1.61202	0.0161132	1.75844	1.75844	0.682439	1.08205	1.08205	0.418165	0.853349	-1.17185	6.09489	3.54694	0.517292	1
cg15467785	0.00179798	0.200899	-4.97762	0.0962609	0.516812	-1.93494	0.073233	0.48578	-2.05854	0.0396801	0.423301	-2.36239	6.07847	12.5747	1.83887	1
cg07040680	0.166229	0.584652	-1.71042	0.0233653	0.373418	-2.67796	0.21544	0.622479	-1.60648	0.0168166	0.346226	-2.88828	5.97158	12.502	1.86096	1
cg16465939	0.00430486	3.01274	3.01274	0.227231	0.693337	-1.4423	0.0100689	2.55555	2.55555	0.00414492	3.03559	3.03559	5.96207	7.8813	1.17503	1
cg06838584	0.0265224	0.245617	-4.07138	0.0023065	0.102959	-9.71264	0.00605066	0.14748	-6.7806	0.022689	0.233099	-4.29002	5.87187	26.5056	4.01244	1
cg20751395	0.307215	1.18925	1.18925	0.00554111	1.81779	1.81779	0.38893	0.865215	-1.15578	0.00408121	1.88133	1.88133	5.73889	2.44369	0.3785	1
cg03905757	0.0581446	0.536317	-1.86457	0.0521398	0.525854	-1.90167	0.00916987	0.381846	-2.61886	0.00467375	0.334801	-2.98685	5.55617	7.44937	1.19177	1
cg26709929	0.0461124	0.537281	-1.86123	0.714581	0.904978	-1.105	0.518366	1.19482	1.19482	0.555735	0.850444	-1.17586	5.54764	6.49261	1.0403	1
cg19670883	0.649695	1.26311	1.26311	0.000151078	0.0360671	-27.7261	0.946961	0.966587	-1.03457	0.425422	0.659829	-1.51554	5.51216	22.7801	3.67351	1
cg08066631	0.00252973	0.316053	-3.16403	0.407768	1.26198	1.26198	0.576017	1.16795	1.16795	0.00115807	0.269427	-3.71158	5.47971	6.55319	1.06302	1
cg17820828	0.0340513	4.45846	4.45846	0.00913008	7.39745	7.39745	0.00282842	11.9962	11.9962	0.0151958	6.06075	6.06075	5.42459	31.3688	5.14018	1
cg13145504	0.382594	0.915928	-1.09179	0.0110617	1.36685	1.36685	0.695382	0.962141	-1.03935	0.0360257	0.787276	-1.2702	5.40028	0.822666	0.135411	1
cg23903244	0.0283182	6.00028	6.00028	0.00149662	23.7664	23.7664	0.00336192	15.82	15.82	0.0260228	6.22407	6.22407	5.37874	40.8082	6.74396	1
cg12263990	0.868294	0.967868	-1.0332	0.57335	1.11848	1.11848	0.202969	0.767605	-1.30275	0.000718851	0.363135	-2.7538	5.18934	3.18279	0.545185	1
cg19852660	0.770012	0.943345	-1.06006	0.594203	0.898544	-1.11291	0.743434	1.06752	1.06752	0.0118464	0.535208	-1.86843	5.16939	3.2405	0.557212	1
cg14328115	0.117649	2.54023	2.54023	0.080842	0.345739	-2.89236	0.00323218	9.06015	9.06015	0.0605979	3.19202	3.19202	5.01273	23.894	4.23703	1
cg11585942	0.985239	1.00373	1.00373	0.00161957	0.402427	-2.48492	0.296141	1.24388	1.24388	0.384193	1.19691	1.19691	4.95802	3.1867	0.57132	1
cg07210454	0.97333	0.989292	-1.01082	0.00106471	0.210577	-4.74885	0.615837	0.849654	-1.17695	0.291905	1.42216	1.42216	4.93269	8.10251	1.4601	1
cg18272633	0.0119369	1.88728	1.88728	0.0114877	1.89679	1.89679	0.0726943	1.49988	1.49988	0.683716	0.920418	-1.08646	4.74565	3.08081	0.577054	1
cg10868210	0.69837	0.929672	-1.07565	0.00512459	1.99866	1.99866	0.455293	0.867267	-1.15305	0.157067	0.753226	-1.32762	4.69016	2.60494	0.493693	1
cg19728223	0.0318232	7.36418	7.36418	0.00187599	33.089	33.089	0.00803574	14.8041	14.8041	0.0309498	7.46632	7.46632	4.64202	46.3	8.86588	1
cg05125641	0.0474042	0.166656	-6.00037	0.0133482	0.0888025	-11.2609	0.0156729	0.0963199	-10.3821	0.0564823	0.181615	-5.50614	4.61748	45.6393	8.7858	1
cg26671281	0.817503	0.947484	-1.05543	0.424541	0.826683	-1.20965	0.0288406	0.547978	-1.82489	0.187721	1.38517	1.38517	4.52368	3.90229	0.766788	1
cg19095714	0.757827	1.06894	1.06894	0.0755532	0.652829	-1.53179	0.712847	1.08295	1.08295	0.101862	1.4711	1.4711	4.51107	3.31995	0.654182	1
cg00325528	0.573598	1.14091	1.14091	0.183403	1.38714	1.38714	0.996349	0.99894	-1.00106	0.0581724	0.608734	-1.64275	4.50609	3.83586	0.756676	1
cg08552043	0.0484906	0.264824	-3.77609	0.0631364	0.291699	-3.42819	0.00362178	0.0981862	-10.1847	0.0379596	0.242115	-4.13027	4.46705	24.5819	4.89151	1
cg03197835	0.582626	1.30231	1.30231	0.00112343	0.102032	-9.80085	0.853522	0.915799	-1.09194	0.179486	0.50735	-1.97103	4.43404	15.9056	3.18858	1
cg07824422	0.424234	1.22773	1.22773	0.34908	1.27422	1.27422	0.723148	1.09354	1.09354	0.0335157	0.535596	-1.86708	4.32086	4.32478	0.889696	1
cg26438846	0.218595	0.873312	-1.14507	0.709112	1.04001	1.04001	0.355726	1.10456	1.10456	0.540663	0.937218	-1.06699	4.20166	0.729266	0.154281	1
cg03365111	0.490164	0.752476	-1.32895	0.208817	1.71178	1.71178	0.637092	0.824647	-1.21264	0.0148595	0.296524	-3.37241	4.18304	10.9053	2.31735	1
cg07618453	0.982144	1.00527	1.00527	0.95859	0.987882	-1.01227	0.328808	1.26699	1.26699	0.0280602	0.543787	-1.83896	4.17859	3.6485	0.776125	1
cg21752270	0.115517	1.24698	1.24698	0.00349906	1.66705	1.66705	0.112602	1.2496	1.2496	0.217423	1.18223	1.18223	4.16825	1.09867	0.234294	1
cg24492694	0.149452	0.701123	-1.42628	0.476775	0.846878	-1.18081	0.357708	0.804697	-1.2427	0.0494832	0.597536	-1.67354	4.12147	3.4449	0.742973	1
cg03030994	0.295958	0.834944	-1.19768	0.15792	0.777785	-1.2857	0.157566	0.777596	-1.28602	0.21738	0.805722	-1.24112	4.11267	1.80466	0.390048	1
cg18729298	0.655766	1.24501	1.24501	0.0139595	0.226949	-4.40627	0.0246679	3.69397	3.69397	0.957664	0.974404	-1.02627	3.80267	14.3682	3.35862	1
cg26504274	0.623019	0.898999	-1.11235	0.262286	1.28554	1.28554	0.0742265	0.652147	-1.5334	0.089719	0.66899	-1.49479	3.80211	2.78074	0.650104	1
cg26524638	0.95824	1.00644	1.00644	0.00239149	1.67979	1.67979	0.397317	1.11206	1.11206	0.0149111	1.44329	1.44329	3.69098	0.877965	0.211438	1
cg14089425	0.243329	0.53841	-1.85732	0.243342	0.53842	-1.85729	0.84654	0.906409	-1.10325	0.00700015	0.170554	-5.86324	3.69031	15.0323	3.62085	1
cg24073146	0.0518744	0.224442	-4.4555	0.00702998	0.0950273	-10.5233	0.0167153	0.139047	-7.19184	0.051188	0.223191	-4.48046	3.67913	26.5808	6.42199	1
cg26411299	0.00999233	1.7988	1.7988	0.0569968	1.47514	1.47514	0.0253957	0.619028	-1.61543	0.472816	0.876514	-1.14088	3.64074	1.8787	0.458685	1
cg24376802	0.0188058	0.339827	-2.94268	0.939509	0.971631	-1.0292	0.210566	0.606368	-1.64916	0.0263543	0.368344	-2.71486	3.63145	8.27008	2.02431	1
cg13893637	0.143246	1.25613	1.25613	0.47512	0.900071	-1.11102	0.069288	0.744831	-1.34259	0.0880544	0.761187	-1.31374	3.60897	1.20112	0.295836	1
cg07592519	0.188095	0.223903	-4.46623	0.500958	0.480499	-2.08117	0.249827	0.27516	-3.63425	0.0286563	0.0626748	-15.9554	3.56766	65.0515	16.2077	1
cg22296808	0.0573094	1.62696	1.62696	0.647824	1.10971	1.10971	0.394531	1.21822	1.21822	0.790438	0.941497	-1.06214	3.51649	2.85324	0.721236	1
cg01298120	0.0855271	0.206144	-4.85098	0.0097686	0.0662184	-15.1015	0.0158954	0.0859771	-11.631	0.0955553	0.218427	-4.57819	3.47137	37.9532	9.7184	1
cg25786675	0.156392	0.441458	-2.26522	0.0237273	0.233168	-4.28875	0.407272	0.633061	-1.57963	0.0246352	0.236152	-4.23456	3.39845	15.6556	4.09484	1
cg11297256	0.184374	0.83099	-1.20338	4.83E-07	0.156181	-6.40285	0.535037	1.08611	1.08611	0.689589	1.05421	1.05421	38.9229	10.658	0.243399	1
cg27119222	0.653949	1.07578	1.07578	4.85E-07	0.101835	-9.81984	0.525932	1.10964	1.10964	0.626804	0.923744	-1.08255	38.9134	16.1498	0.368906	1
cg06914593	0.391413	0.957451	-1.04444	7.55E-06	1.62822	1.62822	0.00358256	0.822554	-1.21572	0.0127557	1.16558	1.16558	21.3268	0.828168	0.0345176	1
cg07683142	0.00735353	0.438065	-2.28277	0.253781	0.752216	-1.32941	0.00432297	2.48763	2.48763	0.0222522	0.51963	-1.92445	16.5275	14.9412	0.803577	1
cg20689362	0.00196294	1.45488	1.45488	4.56E-05	1.93541	1.93541	0.0365971	0.812125	-1.23134	0.325712	1.09083	1.09083	12.6972	1.47611	0.103338	1
cg13203297	0.103825	1.22479	1.22479	0.0637347	1.26822	1.26822	0.440165	0.914163	-1.0939	0.169338	0.846273	-1.18165	12.0013	2.47033	0.182968	1
cg18106482	0.153499	0.695072	-1.4387	0.0244792	1.89247	1.89247	0.0298421	0.544237	-1.83743	0.00109216	0.317692	-3.1477	10.9467	9.82119	0.797493	1
cg00000924	0.928821	1.01538	1.01538	3.40E-05	0.253857	-3.93923	0.575547	1.10144	1.10144	0.606048	0.914975	-1.09293	10.5549	4.87715	0.410732	1
cg05753930	0.299901	1.4215	1.4215	0.0231931	2.43158	2.43158	0.00149121	4.4797	4.4797	0.0460991	2.11331	2.11331	10.0617	17.0805	1.50897	1
cg16713357	0.158253	0.876288	-1.14118	0.000519179	1.6063	1.6063	0.177982	0.88222	-1.1335	0.00963858	0.750637	-1.3322	9.2153	1.1187	0.107907	1
cg20402210	0.948164	0.983516	-1.01676	0.0560496	0.575077	-1.7389	0.87852	0.961653	-1.03988	0.00716833	0.411672	-2.42912	9.07736	9.3957	0.920062	1
cg07072281	0.281775	1.15789	1.15789	0.000243765	2.21414	2.21414	0.145775	0.814905	-1.22714	0.114426	0.798492	-1.25236	9.00501	2.44976	0.241817	1
cg14392746	0.915654	1.02209	1.02209	0.000112666	0.24673	-4.05302	0.644047	1.10073	1.10073	0.760908	1.06498	1.06498	8.42015	5.67427	0.599015	1
cg08160246	0.35134	0.843952	-1.1849	0.882766	0.974238	-1.02644	0.15525	1.30867	1.30867	0.160874	0.767276	-1.30331	8.2077	4.06693	0.440446	1
cg07556018	0.719385	0.917576	-1.08983	0.255576	0.753532	-1.32708	0.782406	0.936121	-1.06824	0.000861971	0.303371	-3.29629	6.49691	5.84934	0.800289	1
cg03411938	0.0315638	0.425976	-2.34755	0.00455602	0.278333	-3.59282	0.784952	0.911572	-1.09701	0.0237533	0.40108	-2.49327	5.48765	9.95827	1.61304	1
cg19672982	0.0291921	2.66172	2.66172	0.218389	1.63753	1.63753	0.0169132	3.03419	3.03419	0.056461	2.27661	2.27661	5.4648	12.5602	2.04301	1
cg11342234	0.0429165	0.485853	-2.05824	0.0196103	0.417438	-2.39557	0.17277	1.56756	1.56756	0.0129984	0.384853	-2.5984	5.37833	8.17619	1.3513	1
cg13444966	0.0341054	0.371778	-2.68977	0.0121538	0.286332	-3.49246	0.819853	0.912769	-1.09557	0.0250431	0.344151	-2.9057	4.61397	11.6998	2.25399	1
cg11875582	0.272209	0.565389	-1.76869	0.0013048	0.0967403	-10.337	0.195818	0.505331	-1.9789	0.156397	0.46933	-2.1307	4.45406	17.5613	3.50468	1
cg22239603	0.348867	0.687125	-1.45534	0.758818	0.887076	-1.1273	0.787924	0.900406	-1.11061	0.0855964	0.477436	-2.09452	3.70439	8.88186	2.13125	1
cg13880539	0.967672	1.01591	1.01591	0.217414	0.603226	-1.65775	0.108106	0.505178	-1.9795	0.256946	0.630737	-1.58545	3.47168	8.34231	2.13597	1
cg02646491	0.000945912	0.0858441	-11.649	0.38502	1.55827	1.55827	0.359104	0.625228	-1.59942	0.731803	1.1869	1.1869	5.85729	23.011	3.4921	1
cg04457979	0.00461778	0.0453091	-22.0706	0.77529	0.799029	-1.25152	0.652295	0.700636	-1.42727	0.866618	1.14081	1.14081	4.01611	38.232	7.40419	1
cg16739686	0.0583116	0.800302	-1.24953	1.06E-08	0.0912148	-10.9631	0.678555	1.04435	1.04435	0.486831	1.07633	1.07633	76.5271	13.139	0.152614	1
cg02798157	0.561524	0.951811	-1.05063	3.81E-08	0.192997	-5.18142	0.198372	0.891935	-1.12116	0.0345833	0.812763	-1.23037	73.9193	8.28669	0.0996484	1
cg21137515	0.241208	1.09845	1.09845	9.10E-07	0.369505	-2.70633	0.222687	0.906581	-1.10305	0.0113913	0.784726	-1.27433	56.6643	5.25699	0.0824659	1
cg11993252	0.0378913	1.2149	1.2149	1.28E-07	0.258233	-3.87247	0.086583	0.85807	-1.16541	0.0198764	0.796661	-1.25524	40.1147	4.15421	0.0920519	1
cg26908876	0.701886	0.937341	-1.06685	3.10E-07	0.0808383	-12.3704	0.844387	0.967477	-1.03362	0.292894	0.832281	-1.20152	35.3923	15.8674	0.398516	1
cg07595203	0.636537	1.05781	1.05781	2.76E-07	0.166631	-6.00127	0.79189	1.03172	1.03172	0.594129	0.938468	-1.06557	33.2409	7.34009	0.19628	1
cg26094482	0.0365317	0.718999	-1.39082	6.08E-07	0.155556	-6.42854	0.605469	0.931704	-1.0733	0.295962	0.863187	-1.1585	31.9323	9.32072	0.259458	1
cg03401726	0.992115	0.999271	-1.00073	2.81E-07	0.327167	-3.05655	0.555981	1.04492	1.04492	0.151376	0.892783	-1.12009	31.2155	2.69063	0.0766179	1
cg20699737	0.243594	0.853938	-1.17105	7.04E-07	0.175455	-5.69948	0.43367	1.10893	1.10893	0.669117	1.05721	1.05721	27.9379	7.41076	0.235785	1
cg26547719	0.865161	0.983056	-1.01724	5.85E-07	0.250314	-3.99498	0.484259	1.07409	1.07409	0.999089	1.00011	1.00011	27.7614	4.4451	0.142327	1
cg08359167	0.406168	1.07156	1.07156	5.93E-07	0.326825	-3.05974	0.801652	1.02068	1.02068	0.0624955	0.843236	-1.18591	26.6174	2.78851	0.0931222	1
cg03422070	0.223953	1.20245	1.20245	2.60E-06	0.194672	-5.13684	0.965716	0.993817	-1.00622	0.256858	0.84301	-1.18623	26.1211	8.61535	0.293176	1
cg11666921	0.166761	0.776478	-1.28787	9.31E-07	0.108003	-9.25898	0.601397	1.09467	1.09467	0.655412	0.925814	-1.08013	25.4116	11.853	0.414613	1
cg02219360	0.871983	0.975651	-1.02496	8.79E-07	0.135696	-7.36943	0.592442	1.0861	1.0861	0.9784	0.99587	-1.00415	25.3672	9.38721	0.328935	1
cg15651941	0.427033	0.859926	-1.16289	2.78E-06	0.123523	-8.09565	0.87239	0.970531	-1.03036	0.437853	0.863069	-1.15866	22.6455	12.4188	0.487469	1
cg08446215	0.486692	0.886634	-1.12786	2.71E-06	0.146553	-6.82348	0.896523	1.0224	1.0224	0.547596	0.901581	-1.10916	20.8599	9.57599	0.408054	1
cg14243741	0.0138292	1.50445	1.50445	1.56E-05	0.301711	-3.31443	0.961006	0.993458	-1.00659	0.260927	0.854358	-1.17047	19.4705	5.55774	0.253728	1
cg26104781	0.254446	0.821002	-1.21802	6.20E-06	0.187245	-5.34059	0.928895	0.985316	-1.0149	0.238653	0.81501	-1.22698	16.672	7.25373	0.386742	1
cg12077660	0.873993	1.01859	1.01859	2.62E-06	0.268447	-3.72513	0.952625	0.993127	-1.00692	0.648215	0.948075	-1.05477	16.481	3.51716	0.189695	1
cg01893176	0.184333	1.15031	1.15031	4.02E-05	0.45837	-2.18165	0.940683	1.00743	1.00743	0.481182	0.931273	-1.0738	15.9804	2.50293	0.139222	1
cg01873334	0.824361	1.02976	1.02976	6.40E-06	0.265034	-3.7731	0.314342	1.14715	1.14715	0.359037	0.883002	-1.1325	14.4288	3.97782	0.245054	1
cg05740879	0.314252	1.14272	1.14272	2.04E-05	0.331749	-3.01433	0.695466	0.95082	-1.05172	0.879734	0.980778	-1.0196	14.4149	3.75169	0.231346	1
cg05816130	0.0213446	1.43508	1.43508	5.30E-05	0.373215	-2.67942	0.744886	0.958261	-1.04356	0.282092	0.864191	-1.15715	13.8896	3.75093	0.240048	1
cg27604721	0.250487	0.713053	-1.40242	1.59E-05	0.0813215	-12.2969	0.0798686	0.578465	-1.72871	0.0633664	0.555422	-1.80043	13.831	17.3756	1.11669	1
cg25306939	0.725141	0.928245	-1.0773	2.28E-05	0.167152	-5.98259	0.43232	0.844481	-1.18416	0.891996	1.02907	1.02907	12.9268	9.10903	0.626364	1
cg03654058	0.0984097	0.633162	-1.57937	0.000158428	0.196166	-5.09773	0.0409757	0.551694	-1.8126	0.619598	0.881448	-1.1345	11.5883	11.6699	0.895145	1
cg27323091	0.746494	1.02312	1.02312	2.25E-05	0.549677	-1.81925	0.541771	0.957416	-1.04448	0.162967	0.900388	-1.11063	10.8636	0.854153	0.069889	1
cg26963277	0.0625314	0.310483	-3.22079	0.000213068	0.0316861	-31.5596	0.0454012	0.277873	-3.59876	0.0857174	0.346529	-2.88576	7.83227	38.6232	4.38336	1
cg11272547	0.0435754	0.436545	-2.29072	0.00125441	0.185838	-5.38104	0.0904709	0.513597	-1.94705	0.164606	0.588831	-1.69828	7.44137	15.0371	1.79622	1
cg16556677	0.0713265	0.524573	-1.90631	0.000805241	0.197943	-5.05195	0.122514	0.585059	-1.70923	0.248945	0.679765	-1.4711	6.74988	10.9686	1.44444	1
cg23906872	0.967199	1.01114	1.01114	0.0917857	0.606487	-1.64884	0.429883	0.804874	-1.24243	0.85674	0.952486	-1.04988	6.1109	7.02351	1.02164	1
cg12433386	0.061398	0.317297	-3.15163	0.000642902	0.0576736	-17.339	0.269831	0.534798	-1.86987	0.320523	0.571736	-1.74906	5.69367	26.7533	4.1767	1
cg04762676	0.891961	1.02961	1.02961	0.0363694	1.68614	1.68614	0.248221	1.29592	1.29592	0.917543	0.978007	-1.02249	5.01719	3.66452	0.649237	1
cg07123182	0.0526748	0.177179	-5.64402	0.00161965	0.0287258	-34.812	0.0823602	0.220499	-4.53518	0.122436	0.268442	-3.72519	4.99069	48.7904	8.69002	1
cg01744331	0.10412	0.247536	-4.03982	0.00196359	0.0321152	-31.1379	0.114828	0.259909	-3.84751	0.229461	0.371246	-2.69363	4.73084	46.2631	8.69247	1
cg19678029	0.941138	0.981885	-1.01845	0.0899879	1.58822	1.58822	0.983069	1.00527	1.00527	0.811762	0.942649	-1.06084	4.34382	4.21599	0.86273	1
cg06809295	0.637214	1.18979	1.18979	0.0744159	0.483289	-2.06916	0.809796	1.09222	1.09222	0.592704	0.82076	-1.21838	3.82992	8.11736	1.88396	1
cg14958441	0.0636501	1.22427	1.22427	0.0629146	0.816239	-1.22513	0.131459	0.853828	-1.1712	0.388096	0.917737	-1.08964	3.80623	0.567723	0.132583	1
cg05165559	0.00672595	0.617823	-1.61859	0.00611483	0.612435	-1.63283	0.964375	1.00614	1.00614	0.055177	0.742387	-1.34701	12.4398	3.69941	0.264342	1
cg10215330	0.0321854	1.51308	1.51308	0.145727	1.29412	1.29412	0.00956615	1.7188	1.7188	0.894022	0.978239	-1.02225	10.5546	4.55484	0.383602	1
cg22368204	0.273996	1.30005	1.30005	0.0345438	1.7651	1.7651	0.00905657	2.14825	2.14825	0.85815	1.0421	1.0421	9.09599	7.6554	0.74811	1
cg06404662	0.570322	1.13662	1.13662	0.2315	1.32338	1.32338	0.38629	0.820136	-1.21931	0.998721	0.999642	-1.00036	7.98683	6.30519	0.701731	1
cg14245619	0.566791	0.829355	-1.20576	0.0244222	0.420381	-2.37879	0.108019	0.567396	-1.76244	0.0724435	0.523205	-1.9113	7.89357	13.0565	1.47028	1
cg01378999	0.00980837	0.299294	-3.3412	0.231789	0.629144	-1.58946	0.771281	0.897894	-1.11372	0.694547	0.864308	-1.15699	6.00447	12.9833	1.92202	1
cg02311496	0.153965	1.50854	1.50854	0.488052	0.827153	-1.20897	0.817978	0.93979	-1.06407	0.0432948	0.534643	-1.87041	5.84284	6.7148	1.02154	1
cg09258315	0.0719154	1.35515	1.35515	0.00312451	1.84287	1.84287	0.870638	1.02496	1.02496	0.24833	0.833138	-1.20028	5.79198	2.09918	0.322159	1
cg01145137	0.12393	0.677913	-1.47511	0.00256408	0.376915	-2.65312	0.186798	0.721451	-1.3861	0.289646	0.773808	-1.29231	4.47412	3.85736	0.766355	1
cg23517941	0.09904	1.9719	1.9719	0.0438784	0.419106	-2.38603	0.0864376	0.491086	-2.0363	0.0243586	0.365153	-2.73857	4.43497	9.9019	1.98461	1
cg01997269	0.120714	1.26898	1.26898	0.0138766	1.53774	1.53774	0.161757	0.80938	-1.23551	0.545015	1.09058	1.09058	4.38089	1.39014	0.282061	1
cg04649215	0.7018	1.23725	1.23725	0.736453	0.82951	-1.20553	0.216263	2.05459	2.05459	0.550707	0.716	-1.39665	3.60289	17.4733	4.31093	1
cg09117405	0.175594	1.25977	1.25977	0.673845	1.07023	1.07023	0.210758	0.809423	-1.23545	0.912701	1.01774	1.01774	3.43504	1.39865	0.361929	1
cg06311934	0.0132262	0.523165	-1.91144	0.0300607	0.583751	-1.71306	0.0332307	0.591503	-1.69061	0.0391836	0.604437	-1.65443	8.11443	5.71963	0.626552	1
cg24221633	0.500088	1.06835	1.06835	0.00161999	1.5471	1.5471	0.359556	1.09525	1.09525	0.418583	1.0831	1.0831	6.8447	1.01123	0.131323	1
cg14498592	0.234565	2.02491	2.02491	0.332448	1.76146	1.76146	0.00110183	15.2432	15.2432	0.00978237	6.35748	6.35748	6.18749	31.4197	4.51373	1
cg05220534	0.668291	1.11818	1.11818	0.482211	1.20332	1.20332	0.961692	0.987631	-1.01252	0.00336586	0.355729	-2.81113	5.79422	6.16192	0.945297	1
cg16763728	0.154565	2.05729	2.05729	0.0935694	2.39433	2.39433	0.180143	1.9618	1.9618	0.204014	1.88635	1.88635	4.31925	15.3322	3.15533	1
cg16402547	0.238879	0.746468	-1.33964	0.0377453	0.564835	-1.77043	0.00717173	0.439159	-2.27708	0.199101	0.724957	-1.37939	4.2443	3.77727	0.791079	1
cg19768442	0.0490295	0.542991	-1.84165	0.985331	1.00501	1.00501	0.600954	1.1542	1.1542	0.867112	0.955512	-1.04656	3.78528	4.42688	1.03955	1
cg12401798	0.0518348	2.11396	2.11396	0.622799	1.18261	1.18261	0.0946631	1.8616	1.8616	0.508138	1.25497	1.25497	3.64636	6.60951	1.61123	1
cg18310895	0.543316	0.697348	-1.434	0.00533739	0.116436	-8.58844	0.165893	0.420734	-2.3768	0.733171	1.22201	1.22201	3.64363	19.811	4.83304	1
cg16162122	0.249527	0.709998	-1.40846	0.0217393	0.456592	-2.19014	0.0330184	2.03293	2.03293	0.866602	1.04901	1.04901	3.48316	4.46786	1.14018	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12628879	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0472525	0.575487	1.2455	1.2455	0.0508586	2.37069	2.37069	0.0120107	3.37286	3.37286	0.194446	1.70342	1.70342	0.432016	0.732589	-1.36502
cg00474031	KCNQ3	5.63E-05	0.0190482	0.672663	-1.48663	0.969232	0.994626	-1.0054	0.000615703	0.478707	-2.08896	0.644825	1.067	1.067	7.43E-06	0.251963	-3.96883
cg15746253	KCNQ3	0.000177918	0.778073	1.071	1.071	0.0392686	1.78428	1.78428	0.658584	0.89767	-1.114	0.287811	0.764979	-1.30723	0.0380532	0.557798	-1.79276
cg02609144	KCNQ3	0.00303497	0.000107909	7.56742	7.56742	0.548031	1.19748	1.19748	0.391526	0.770841	-1.29728	0.643327	0.870884	-1.14826	0.0744455	0.554754	-1.8026
cg13070215	KCNQ3	0.00566867	0.333305	1.41626	1.41626	0.605	1.19957	1.19957	0.186902	1.62885	1.62885	0.000115515	0.0946543	-10.5648	0.608622	0.835183	-1.19734
cg16920502	KCNQ3	0.00749917	0.00254222	0.234103	-4.27162	0.0593312	0.478059	-2.09179	0.0470398	0.454751	-2.19901	0.282051	0.678712	-1.47338	0.000970828	0.182318	-5.48492
cg21460403	KCNQ3	0.0136222	0.203302	0.660204	-1.51468	0.0257915	0.441077	-2.26718	0.544892	0.827406	-1.2086	0.0202757	2.37581	2.37581	0.00300456	0.284202	-3.51863
cg20650029	KCNQ3	0.0195209	0.0671119	0.451977	-2.2125	0.235528	0.618111	-1.61783	0.729467	1.14379	1.14379	0.0173006	0.325647	-3.07081	?	?	?
cg12303470	KCNQ3	0.0218814	0.789792	1.03371	1.03371	0.956298	0.993222	-1.00682	0.365634	1.12227	1.12227	0.793146	0.967912	-1.03315	0.00338195	1.63983	1.63983
cg18153124	KCNQ3	0.0426138	0.701982	1.07713	1.07713	0.0260479	1.66598	1.66598	0.118783	1.38711	1.38711	0.416453	1.1741	1.1741	0.48111	0.870755	-1.14843
cg20888292	KCNQ3	0.0440798	0.133391	0.307368	-3.25343	0.00288774	0.0505195	-19.7943	0.037898	0.173072	-5.77796	0.685739	0.743472	-1.34504	0.331517	0.481889	-2.07517
cg12034610	KCNQ4;KCNQ4	0.000522018	0.0040572	0.547901	-1.82515	0.00621415	0.573336	-1.74418	0.852108	0.971317	-1.02953	0.0901192	1.33812	1.33812	0.00332242	0.536109	-1.86529
cg23109867	KCNQ4;KCNQ4	0.00134383	0.00391064	5.3205	5.3205	0.000122456	17.9082	17.9082	0.00944112	4.12011	4.12011	0.0541742	2.5613	2.5613	0.910254	0.95263	-1.04973
cg03461431	KCNQ4;KCNQ4	0.00314625	0.0580821	1.49296	1.49296	0.25027	1.25205	1.25205	0.153749	0.751461	-1.33074	0.192225	1.29467	1.29467	0.0206313	1.68468	1.68468
cg24884207	KCNQ4;KCNQ4	0.0065126	0.0360122	0.743028	-1.34585	0.442761	0.909095	-1.1	0.0295084	0.731878	-1.36635	0.0367562	1.34376	1.34376	0.389107	0.898089	-1.11348
cg12627726	KCNQ4;KCNQ4	0.00798444	0.00127096	0.207632	-4.81622	0.0549743	0.483044	-2.0702	0.00706894	0.312249	-3.20257	0.0151312	0.368624	-2.71279	0.00175076	0.225046	-4.44354
cg07186730	KCNQ4;KCNQ4	0.00839015	0.731233	1.06648	1.06648	0.326983	0.827863	-1.20793	0.00106334	0.405249	-2.46762	0.320708	0.82569	-1.21111	0.00238793	0.453718	-2.20401
cg07560948	KCNQ4;KCNQ4	0.00920058	0.0160201	0.262507	-3.80942	0.00182617	0.134072	-7.45867	0.0112435	0.236746	-4.22393	0.0715696	0.401406	-2.49124	0.00253267	0.149383	-6.6942
cg19254479	KCNQ4;KCNQ4	0.0126446	0.119608	0.65432	-1.5283	0.0855007	0.620382	-1.61191	0.233387	0.730658	-1.36863	0.00277939	0.35492	-2.81753	0.00265546	0.352025	-2.84071
cg21834851	KCNQ4;KCNQ4	0.0126519	0.169538	0.616147	-1.62299	0.0914651	1.84975	1.84975	0.0903619	0.539251	-1.85442	0.00289356	0.257849	-3.87824	0.00966771	0.338388	-2.95519
cg13426079	KCNQ4;KCNQ4	0.0189688	0.0274391	3.36195	3.36195	0.0710841	2.55287	2.55287	0.17273	1.96305	1.96305	0.333078	1.59059	1.59059	0.0545144	2.7565	2.7565
cg06626599	KCNQ4;KCNQ4	0.02086	0.177241	2.10519	2.10519	0.0626459	2.9667	2.9667	0.12159	2.3897	2.3897	0.721457	1.2042	1.2042	0.0514638	3.16094	3.16094
cg16906229	KCNQ4;KCNQ4	0.0222501	0.0477066	2.78318	2.78318	0.0499608	2.74735	2.74735	0.091344	2.31769	2.31769	0.195246	1.85764	1.85764	0.0278127	3.23957	3.23957
cg20276780	KCNQ4;KCNQ4	0.0241937	0.10684	2.03241	2.03241	0.24494	1.63228	1.63228	0.0126004	0.286588	-3.48933	0.224702	1.67155	1.67155	0.635161	0.824852	-1.21234
cg19276343	KCNQ4;KCNQ4	0.0266486	0.0628394	2.82008	2.82008	0.03407	3.40482	3.40482	0.0547706	2.94195	2.94195	0.109317	2.37466	2.37466	0.018175	0.241572	-4.13955
cg00682386	KCNQ4;KCNQ4	0.030841	0.0344681	0.550087	-1.81789	0.582213	0.874017	-1.14414	0.354683	0.793936	-1.25955	0.534034	0.858447	-1.16489	0.0789753	0.623312	-1.60433
cg00630164	KCNQ4;KCNQ4	0.0333754	0.857427	1.11901	1.11901	0.322947	1.89339	1.89339	0.201041	2.32644	2.32644	0.495773	0.648915	-1.54103	0.0025682	0.0732287	-13.6558
cg06369443	KCNQ4;KCNQ4	0.0451663	0.578906	1.06366	1.06366	0.0333222	0.760473	-1.31497	0.946318	1.00744	1.00744	0.656866	1.05045	1.05045	0.41153	1.09685	1.09685
cg05447008	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	3.28E-05	3.26E-06	0.052848	-18.9222	8.36E-06	13.3904	13.3904	0.824987	1.06095	1.06095	0.314218	0.75726	-1.32055	0.0927789	0.610114	-1.63904
cg04911669	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	6.39E-05	0.000436103	0.339936	-2.94173	0.000442785	2.93442	2.93442	0.00162132	0.416099	-2.40327	0.00158223	0.414629	-2.41179	0.000679927	0.365019	-2.73958
cg04377145	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.000102313	0.0689595	0.754839	-1.32479	2.80E-06	4.71865	4.71865	0.952299	0.991767	-1.0083	0.952817	0.991856	-1.00821	0.0885727	1.29644	1.29644
cg11008243	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.000454191	0.657671	0.917729	-1.08965	4.81E-06	7.48323	7.48323	0.0200976	1.71573	1.71573	0.259131	1.25437	1.25437	0.404087	0.848444	-1.17863
cg00852573	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.000733491	0.436156	0.855876	-1.16839	7.29E-06	6.94393	6.94393	0.674113	1.08638	1.08638	0.511052	0.87758	-1.1395	0.764773	0.942908	-1.06055
cg09303936	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.000864037	0.0670295	0.661975	-1.51063	7.77E-05	4.20949	4.20949	0.059535	1.53319	1.53319	0.363387	0.828854	-1.20649	0.40829	1.18526	1.18526
cg22394948	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.00132985	0.00182731	0.330485	-3.02585	0.00551109	0.401681	-2.48954	0.044384	0.561436	-1.78115	0.214564	1.38631	1.38631	0.00200453	0.336162	-2.97476
cg16221634	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.00368192	0.462508	0.925236	-1.08081	0.0153249	1.36241	1.36241	0.00231713	1.55597	1.55597	0.370712	1.10021	1.10021	0.206967	0.870858	-1.14829
cg08396034	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.00385106	0.123156	0.709152	-1.41013	0.0157345	0.543869	-1.83868	0.934124	1.01716	1.01716	0.533552	1.13855	1.13855	0.91469	0.97819	-1.0223
cg01375124	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.00449224	0.0245959	0.417958	-2.39259	0.0193556	0.397894	-2.51323	0.0121363	0.361033	-2.76983	0.00551186	0.304569	-3.28333	0.00357163	0.276312	-3.6191
cg06385094	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.004661	0.0121853	1.47692	1.47692	0.0394639	0.742777	-1.3463	0.143346	1.21691	1.21691	0.00285764	1.66927	1.66927	0.954371	1.00717	1.00717
cg27369307	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.0115274	0.0284078	0.66796	-1.4971	0.329382	0.854686	-1.17002	0.445588	0.885774	-1.12896	0.0446915	0.69801	-1.43264	0.0248517	0.65929	-1.51678
cg14863355	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.0191452	0.00559433	2.05042	2.05042	0.122612	1.39121	1.39121	0.279633	1.24835	1.24835	0.00238288	2.30663	2.30663	0.568335	0.892435	-1.12053
cg03661570	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.0198848	0.0445508	0.721263	-1.38646	0.0185032	1.49877	1.49877	0.0131907	1.54535	1.54535	0.510875	0.909859	-1.09907	0.85019	1.02715	1.02715
cg03020545	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.0239177	0.0712132	0.66528	-1.50313	0.0463103	0.630244	-1.58669	0.0012871	0.387182	-2.58276	0.78204	0.945455	-1.05769	0.921245	0.980199	-1.0202
cg10848291	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.026433	0.632489	0.794356	-1.25888	0.0330942	0.304055	-3.28888	0.06983	0.379559	-2.63464	0.716144	1.19064	1.19064	0.00166285	0.116525	-8.58183
cg17969913	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.0393891	0.129279	1.62155	1.62155	0.0125545	0.400297	-2.49814	0.0100664	0.383731	-2.60599	0.711442	1.11581	1.11581	0.0524909	0.521923	-1.91599
cg06288351	KCNS1	0.000314561	0.0216861	1.606	1.606	5.86E-05	3.59317	3.59317	0.0706485	1.41512	1.41512	0.00136122	2.22353	2.22353	0.0762306	1.40363	1.40363
cg07589968	KCNS1	0.000871629	0.0231255	1.52385	1.52385	0.00147078	2.03815	2.03815	0.0452867	1.4279	1.4279	0.000953863	2.146	2.146	0.671477	0.935972	-1.06841
cg16856453	KCNS1	0.00351997	0.0163361	2.88022	2.88022	0.00558308	3.71173	3.71173	0.293191	1.48131	1.48131	0.196301	1.63614	1.63614	0.00511255	3.79261	3.79261
cg06193004	KCNS1	0.00354638	0.0465967	2.11579	2.11579	0.00122079	4.7409	4.7409	0.31478	1.40756	1.40756	0.00487053	3.41271	3.41271	0.137514	1.69214	1.69214
cg06369624	KCNS1	0.0038585	0.0148029	3.57739	3.57739	0.0329866	2.8862	2.8862	0.176348	1.84228	1.84228	0.116385	2.06524	2.06524	0.00346072	5.40416	5.40416
cg03816707	KCNS1	0.0050775	0.0398486	4.12696	4.12696	0.00534644	8.92584	8.92584	0.271371	1.9801	1.9801	0.0885007	3.06841	3.06841	0.0134974	6.19884	6.19884
cg22866937	KCNS1	0.00867996	0.220822	0.708138	-1.41215	0.00716375	2.53701	2.53701	0.843321	0.948324	-1.05449	0.216734	1.41696	1.41696	0.000779039	0.255907	-3.90767
cg25353142	KCNS1	0.00957356	0.0364289	3.25446	3.25446	0.00213517	8.11419	8.11419	0.204973	1.91356	1.91356	0.0450506	3.05252	3.05252	0.157225	2.08343	2.08343
cg09028204	KCNS1	0.0119868	0.0305164	9.35806	9.35806	0.0300681	9.43441	9.43441	0.222033	3.09251	3.09251	0.15099	3.87205	3.87205	0.0261415	10.1894	10.1894
cg07160746	KCNS1	0.0157312	0.0290745	14.0046	14.0046	0.0474402	10.2449	10.2449	0.174485	4.40202	4.40202	0.0763874	7.55906	7.55906	0.0179252	19.1379	19.1379
cg13711950	KCNS1	0.0183958	0.0416391	6.01096	6.01096	0.0308925	6.92729	6.92729	0.0722474	4.62746	4.62746	0.0918232	4.12635	4.12635	0.0366596	6.38559	6.38559
cg09628707	KCNS1	0.0305911	0.0616846	2.98786	2.98786	0.0192575	4.3601	4.3601	0.0583229	3.04249	3.04249	0.247788	1.87464	1.87464	0.0154421	4.6903	4.6903
cg19702785	KCNS1	0.0335788	0.0315402	8.75585	8.75585	0.0365404	8.09182	8.09182	0.134088	4.01572	4.01572	0.106643	4.55344	4.55344	0.0714703	5.65222	5.65222
cg05203217	KCNS1	0.0419275	0.613794	1.19052	1.19052	0.0171114	2.70723	2.70723	0.152383	1.69104	1.69104	0.0312199	2.37805	2.37805	0.0266599	0.40653	-2.45984
cg08706670	KCNS2	0.00171675	0.534411	0.924128	-1.0821	0.0543262	0.760467	-1.31498	0.055204	1.31334	1.31334	0.0164376	0.692354	-1.44435	0.34205	0.884472	-1.13062
cg05825700	KCNS2	0.00218406	0.00477628	1.82847	1.82847	0.00238644	1.97797	1.97797	0.417518	1.14279	1.14279	0.0120451	0.603832	-1.65609	0.00291013	1.93318	1.93318
cg05373457	KCNS2	0.0100249	0.0430521	2.94055	2.94055	0.42508	1.45849	1.45849	0.506279	1.36677	1.36677	0.515924	0.736979	-1.35689	0.00997633	0.221459	-4.51551
cg14486338	KCNS2	0.0341506	0.0317072	32.6765	32.6765	0.145017	8.73201	8.73201	0.013771	67.7588	67.7588	0.486192	0.375431	-2.6636	0.829374	1.34825	1.34825
cg02471153	KCNS2	0.0382122	0.0476852	4.87533	4.87533	0.0113183	9.19594	9.19594	0.0757689	3.98559	3.98559	0.408563	0.553588	-1.8064	0.112175	3.35349	3.35349
cg14688104	KCNS2;KCNS2	0.00189177	?	?	?	0.100086	0.65545	-1.52567	0.0412686	1.80061	1.80061	0.198839	1.35649	1.35649	?	?	?
cg04470085	KCNS3	0.000551802	0.0270828	0.647416	-1.5446	0.0109925	1.6991	1.6991	0.0312419	0.657089	-1.52186	0.587413	1.09529	1.09529	1.82E-05	0.233846	-4.27633
cg11999255	KCNS3	0.0193627	0.399289	0.703674	-1.42111	0.456056	1.3623	1.3623	0.690976	0.849815	-1.17673	0.153054	0.53623	-1.86487	0.227368	0.596827	-1.67553
cg14482308	KCNS3	0.023134	0.0315123	9.36662	9.36662	0.0266559	10.2771	10.2771	0.100383	4.9361	4.9361	0.120216	4.4599	4.4599	0.960721	0.957255	-1.04465
cg24890054	KCNS3	0.0243239	0.00244215	0.397425	-2.5162	0.639375	1.10879	1.10879	0.535045	0.87157	-1.14735	0.0366993	0.587959	-1.7008	0.120718	0.691952	-1.44519
cg27365825	KCNS3	0.0257498	0.0260395	11.3871	11.3871	0.0283266	10.8477	10.8477	0.0880268	5.66173	5.66173	0.0829459	5.85944	5.85944	0.610248	0.62287	-1.60547
cg16832267	KCNS3	0.0271815	0.0537772	0.698903	-1.43081	0.00308359	0.515491	-1.9399	0.604331	1.08928	1.08928	0.780663	0.955361	-1.04673	0.0182323	0.625722	-1.59815
cg00060627	KCNS3	0.0284462	0.939075	1.01483	1.01483	0.360951	1.19828	1.19828	0.0222546	0.589939	-1.69509	0.843091	0.962548	-1.03891	0.179282	1.31622	1.31622
cg19024632	KCNS3	0.0329829	0.0523134	4.95628	4.95628	0.00592492	13.6067	13.6067	0.0324465	6.14717	6.14717	0.310358	2.1411	2.1411	0.971273	0.974221	-1.02646
cg21164967	KCNT1	1.30E-06	0.167716	1.19713	1.19713	7.18E-07	0.193702	-5.16257	8.08E-05	0.418785	-2.38786	0.0516074	1.31139	1.31139	7.58E-07	0.195969	-5.10284
cg13537226	KCNT1	3.37E-05	0.144387	1.606	1.606	0.143431	0.621859	-1.60808	0.75885	0.91116	-1.0975	0.0498699	1.96561	1.96561	0.339563	0.742741	-1.34636
cg02629157	KCNT1	7.18E-05	0.307942	0.884892	-1.13008	0.0090477	0.680825	-1.46881	0.00658096	0.664371	-1.50518	0.724076	1.04193	1.04193	1.51E-06	0.243801	-4.10171
cg14315842	KCNT1	9.02E-05	0.000170499	0.161434	-6.19447	0.0158026	0.430088	-2.3251	0.00409998	0.333233	-3.0009	0.429769	0.79454	-1.25859	0.000374917	0.1973	-5.06843
cg00108873	KCNT1	0.000100609	5.86E-06	0.101222	-9.87927	0.528869	1.1543	1.1543	0.00165165	0.36314	-2.75376	0.589514	0.884695	-1.13033	0.000242894	0.255435	-3.9149
cg14087921	KCNT1	0.000137242	0.0378982	0.582155	-1.71776	0.0146146	0.508751	-1.9656	0.0914304	0.658521	-1.51855	0.33261	0.798809	-1.25186	0.000572276	0.301624	-3.31538
cg21178689	KCNT1	0.000182867	0.986413	1.00366	1.00366	0.652412	0.90734	-1.10212	0.126456	0.701485	-1.42555	0.670135	1.09625	1.09625	0.000502317	0.31135	-3.21182
cg13551263	KCNT1	0.000265874	0.964818	0.993063	-1.00699	0.0850412	1.35057	1.35057	0.122817	0.76808	-1.30195	0.041745	1.44835	1.44835	1.59E-05	0.245332	-4.07611
cg14002226	KCNT1	0.000415065	0.772127	1.08314	1.08314	0.00654895	2.64196	2.64196	0.283152	0.735853	-1.35897	0.933505	1.02322	1.02322	0.187618	1.46829	1.46829
cg03593616	KCNT1	0.00048203	0.000135451	0.298526	-3.34979	0.00408533	2.02396	2.02396	0.0192592	0.595705	-1.67868	0.0490226	0.662869	-1.50859	0.00586486	0.516943	-1.93445
cg13973849	KCNT1	0.00154681	0.726612	0.921426	-1.08527	0.0127558	2.05722	2.05722	0.00444179	0.412756	-2.42274	0.0782975	0.633823	-1.57773	0.0435447	1.71783	1.71783
cg14435098	KCNT1	0.00239748	0.00791905	0.2716	-3.68189	0.0263467	0.364906	-2.74043	0.00776981	0.270293	-3.69969	0.0676487	0.456798	-2.18915	0.00164081	0.17806	-5.61608
cg00820961	KCNT1	0.00538562	0.000234085	0.175196	-5.70789	0.063902	1.81226	1.81226	0.137246	0.633193	-1.5793	0.799308	0.929848	-1.07544	0.636483	0.872915	-1.14559
cg14628071	KCNT1	0.00640559	0.908433	1.01598	1.01598	0.456945	0.900866	-1.11004	0.000283658	0.441656	-2.2642	0.217408	0.836248	-1.19582	0.055674	0.741702	-1.34825
cg13739680	KCNT1	0.00663108	0.232297	1.57421	1.57421	0.924964	1.03471	1.03471	0.0604914	0.464515	-2.15278	0.255385	1.53744	1.53744	0.0093705	0.303169	-3.29849
cg14116561	KCNT1	0.00733827	0.000691306	1.85712	1.85712	0.00175771	1.70368	1.70368	0.224373	1.1648	1.1648	0.0153124	1.42737	1.42737	0.291758	1.13968	1.13968
cg05213116	KCNT1	0.00843392	0.177907	0.840251	-1.19012	0.00154498	0.574857	-1.73956	0.0303711	0.733864	-1.36265	0.349389	1.12425	1.12425	0.0716763	0.783089	-1.27699
cg13402942	KCNT1	0.00856015	0.883387	0.973778	-1.02693	0.0876715	0.71085	-1.40677	0.00342049	0.486709	-2.05462	0.631021	0.916117	-1.09156	0.023325	0.612192	-1.63347
cg13806356	KCNT1	0.00900805	0.146633	0.650638	-1.53695	0.442801	0.805833	-1.24095	0.00309786	0.327412	-3.05426	0.0729543	0.575925	-1.73634	0.0176664	0.451055	-2.21702
cg13772595	KCNT1	0.0134856	0.945326	1.02867	1.02867	0.0074806	0.241967	-4.13279	0.451482	0.728965	-1.37181	0.519168	1.30904	1.30904	0.0050019	0.216399	-4.6211
cg14163502	KCNT1	0.0152855	0.650133	0.86238	-1.15958	0.0283089	0.431935	-2.31516	0.0356051	0.452436	-2.21026	0.291241	0.701101	-1.42633	0.0120751	0.362484	-2.75874
cg05960911	KCNT1	0.018772	0.915093	0.972681	-1.02809	0.251305	0.732497	-1.36519	0.0239542	0.496773	-2.01299	0.59107	0.868601	-1.15128	0.0367373	0.532466	-1.87805
cg13775996	KCNT1	0.0188777	0.0117529	0.35043	-2.85364	0.155377	0.602563	-1.65958	0.182068	0.62381	-1.60305	0.0220847	0.400703	-2.49561	0.00278996	0.253279	-3.94822
cg21227867	KCNT1	0.0227637	0.416358	0.835978	-1.1962	0.914243	0.977035	-1.0235	0.0328297	0.583659	-1.71333	0.1751	0.732697	-1.36482	0.245823	0.769679	-1.29924
cg08022012	KCNT1	0.0250674	0.396296	0.782336	-1.27822	0.808044	0.933529	-1.0712	0.0479068	0.527767	-1.89478	0.00195743	0.290197	-3.44594	0.0114405	0.408904	-2.44556
cg01421830	KCNT1	0.0259632	0.459983	1.33252	1.33252	0.0260878	2.73869	2.73869	0.0466188	2.38567	2.38567	0.0512758	2.33245	2.33245	0.558978	0.798117	-1.25295
cg14120667	KCNT1	0.0262908	0.439303	1.13947	1.13947	0.24966	1.22036	1.22036	0.0465491	0.685705	-1.45835	0.426274	1.14393	1.14393	0.0221564	0.635086	-1.57459
cg14284809	KCNT1	0.0264417	0.171827	1.36199	1.36199	0.420857	0.839739	-1.19085	0.776232	0.941268	-1.0624	0.227753	1.30856	1.30856	0.0623843	1.56131	1.56131
cg13728439	KCNT1	0.0274036	0.0150726	0.16321	-6.12708	0.0180544	0.175003	-5.71419	0.0691598	0.29114	-3.43477	0.135181	0.376334	-2.65721	0.00903966	0.133496	-7.49085
cg13805730	KCNT1	0.028587	0.0261982	0.37579	-2.66106	0.626923	1.19933	1.19933	0.311265	0.67791	-1.47512	0.239386	0.633063	-1.57962	0.000766422	0.15091	-6.62648
cg13442116	KCNT1	0.0364605	0.953785	1.00933	1.00933	0.0172491	0.628084	-1.59214	0.304672	1.18579	1.18579	0.486436	1.12004	1.12004	0.0888356	1.35104	1.35104
cg14310831	KCNT1	0.0387135	0.0982886	0.541115	-1.84803	0.00856232	0.321114	-3.11416	0.0125803	0.349581	-2.86057	0.340485	0.716981	-1.39474	0.0348919	0.43487	-2.29954
cg13504844	KCNT1	0.0477797	0.225111	0.532851	-1.8767	0.538315	1.3605	1.3605	0.579149	1.31892	1.31892	0.373102	0.636493	-1.57111	0.00704994	0.178912	-5.58934
cg14518227	KCNT2	0.00490459	0.936672	0.985022	-1.01521	0.757292	0.94283	-1.06064	0.650871	1.09037	1.09037	0.355165	1.19798	1.19798	0.000517408	0.357515	-2.79709
cg09173378	KCNT2	0.00693774	0.00581346	0.207641	-4.81601	0.135708	0.496725	-2.01319	0.0026267	0.163268	-6.1249	0.020136	0.295286	-3.38655	0.000473013	0.0916767	-10.9079
cg13372488	KCNT2	0.0172632	0.0175082	0.575767	-1.73681	0.386204	0.844014	-1.18481	0.441354	1.1617	1.1617	0.274005	0.80468	-1.24273	0.00333192	0.466333	-2.14439
cg07845390	KCNT2	0.0203556	0.177391	0.787414	-1.26998	0.867578	1.02821	1.02821	0.0624579	1.41848	1.41848	0.184282	1.26466	1.26466	0.929225	0.985298	-1.01492
cg24040450	KCNT2	0.020814	0.0683273	0.355137	-2.81581	0.00095715	0.0824261	-12.1321	0.890139	0.932297	-1.07262	0.200627	0.503755	-1.98509	0.0944131	0.393527	-2.54112
cg19503341	KCNT2	0.0258993	0.02324	0.454194	-2.2017	0.182735	0.662745	-1.50888	0.0204889	0.443825	-2.25314	0.964062	1.01319	1.01319	0.00396318	0.323918	-3.0872
cg12033248	KCNU1	0.00287904	0.00876554	0.461654	-2.16613	0.00131848	0.338922	-2.95053	0.00631525	0.438936	-2.27823	0.827556	0.950746	-1.05181	0.194486	0.727772	-1.37406
cg08331840	KCNU1	0.0048602	0.990032	1.00391	1.00391	0.717235	0.892523	-1.12042	0.000187154	0.139311	-7.17816	0.00451682	0.306336	-3.26439	0.0125584	0.378891	-2.63928
cg05749559	KCNU1	0.0100486	0.0340371	0.335843	-2.97759	0.562248	1.29486	1.29486	0.0340802	0.335959	-2.97655	0.00990121	0.237609	-4.2086	0.0137369	0.260903	-3.83285
cg06622573	KCNU1	0.0129705	0.704792	0.853994	-1.17097	0.360688	0.677293	-1.47646	0.130223	0.507765	-1.96942	0.00446219	0.207492	-4.81945	0.0275048	0.339238	-2.94778
cg07338584	KCNU1	0.0457605	0.0275402	0.19525	-5.12164	0.188811	2.39309	2.39309	0.0967605	3.13502	3.13502	0.0578254	0.260741	-3.83523	0.0112067	0.136447	-7.32884
cg07583503	KCNV1	2.84E-06	0.0528186	0.83524	-1.19726	4.92E-06	0.426286	-2.34584	5.58E-06	0.43239	-2.31272	0.016107	1.27236	1.27236	0.000160004	0.590019	-1.69486
cg23291534	KCNV1	3.21E-05	0.00720655	3.53711	3.53711	0.00109897	5.77283	5.77283	0.843018	0.930323	-1.0749	4.55E-06	46.3641	46.3641	0.00989482	3.2777	3.2777
cg12210890	KCNV1	4.48E-05	0.811351	1.05193	1.05193	0.00417781	2.2539	2.2539	0.0225395	1.7833	1.7833	1.24E-05	7.03569	7.03569	0.717462	0.925942	-1.07998
cg17462793	KCNV1	0.000196045	0.245926	0.882009	-1.13378	0.576916	1.06005	1.06005	0.217273	0.874322	-1.14374	0.867201	1.01747	1.01747	0.00810697	0.704162	-1.42013
cg21549927	KCNV1	0.000261348	0.00279118	0.544314	-1.83717	0.0869157	0.75653	-1.32182	0.650482	0.934898	-1.06963	0.000439145	2.26954	2.26954	0.686074	1.0618	1.0618
cg21225797	KCNV1	0.000613966	0.0191952	0.702957	-1.42256	0.00160428	1.75587	1.75587	0.307356	1.14048	1.14048	0.151674	1.21055	1.21055	0.103525	0.801328	-1.24793
cg17826753	KCNV1	0.00610217	0.63012	1.11973	1.11973	0.62652	1.12108	1.12108	0.00713186	2.2477	2.2477	0.0601241	1.6392	1.6392	0.420025	0.825298	-1.21168

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12628879	0.238307	1.61491	1.61491	0.190848	0.584226	-1.71167	0.0105682	3.48328	3.48328	0.273145	1.55667	1.55667	3.46142	8.25449	2.11975	1
cg00474031	0.00214387	0.547526	-1.8264	4.79E-06	0.231899	-4.31221	0.0412731	0.719722	-1.38943	0.0545169	0.73731	-1.35628	25.7938	7.97322	0.274767	1
cg15746253	0.652667	1.11626	1.11626	4.66E-06	0.0782042	-12.787	0.701186	0.910649	-1.09812	0.000206312	0.221158	-4.52165	18.9626	17.699	0.82966	1
cg02609144	0.0266994	0.459121	-2.17807	0.0386463	0.49161	-2.03413	0.502845	0.817424	-1.22336	0.8959	1.03957	1.03957	8.52874	11.8728	1.23741	1
cg13070215	0.545046	1.23814	1.23814	0.0931226	0.525084	-1.90446	0.081981	0.510645	-1.95831	0.303503	0.689586	-1.45015	7.0617	13.6018	1.71212	1
cg16920502	0.220396	0.639745	-1.56312	0.00168939	0.211067	-4.73783	0.635079	0.847259	-1.18028	0.105667	0.541846	-1.84554	6.47423	12.3242	1.69207	1
cg21460403	0.847007	1.06154	1.06154	0.0132087	0.386827	-2.58513	0.30994	1.38384	1.38384	0.779246	0.916783	-1.09077	5.3477	8.0969	1.34586	1
cg20650029	0.0163086	0.320945	-3.1158	0.0257757	0.358937	-2.78601	0.00496518	0.237088	-4.21783	0.019938	0.337178	-2.96579	4.82992	10.1825	2.10821	1
cg12303470	0.647546	1.05879	1.05879	0.00122423	1.79859	1.79859	0.541795	0.926218	-1.07966	0.817311	1.02913	1.02913	4.56239	1.11288	0.216823	1
cg18153124	0.0248506	0.596834	-1.67551	0.0425524	0.636803	-1.57034	0.279791	1.24251	1.24251	0.127762	1.37469	1.37469	3.5979	2.12818	0.525784	1
cg20888292	0.19892	0.371896	-2.68892	0.0161432	0.117103	-8.53946	0.0477296	0.192119	-5.20512	0.684706	0.742699	-1.34644	3.55286	29.8766	7.47481	1
cg12034610	0.000362338	0.410036	-2.43881	0.000305253	0.400638	-2.49602	0.0664873	1.37838	1.37838	0.00161415	0.494116	-2.02382	14.1206	5.43814	0.34233	1
cg23109867	0.377842	1.47615	1.47615	0.108219	2.12593	2.12593	0.000446791	10.8465	10.8465	0.00321102	5.64612	5.64612	10.8158	31.7303	2.60772	1
cg03461431	0.00124382	2.4174	2.4174	0.000166784	3.31863	3.31863	0.0823933	1.43331	1.43331	0.102548	1.39688	1.39688	8.43791	4.67804	0.492807	1
cg24884207	0.000622922	1.89838	1.89838	0.198362	0.847432	-1.18004	0.806208	1.03039	1.03039	0.163729	0.834442	-1.19841	6.76531	1.58911	0.208791	1
cg12627726	0.0416032	0.455885	-2.19353	0.0944295	0.540787	-1.84916	0.10764	0.555945	-1.79874	0.0218259	0.398413	-2.50996	6.34804	11.2406	1.57398	1
cg07186730	0.0329496	0.627735	-1.59303	0.113884	0.725356	-1.37863	0.0609323	1.48336	1.48336	0.69619	0.929364	-1.076	6.24964	3.44945	0.490617	1
cg07560948	0.331331	0.634637	-1.5757	0.0150512	0.257805	-3.8789	0.0190062	0.275764	-3.62629	0.0404411	0.341729	-2.92629	6.06974	19.7845	2.89736	1
cg19254479	0.930565	0.97835	-1.02213	0.318967	0.772068	-1.29522	0.0928162	1.59117	1.59117	0.0213743	0.499294	-2.00283	5.47947	5.47437	0.888061	1
cg21834851	0.0177704	0.385265	-2.59562	0.0175838	0.384411	-2.60138	0.0519233	0.480993	-2.07903	0.614264	0.845202	-1.18315	5.47845	9.50241	1.54178	1
cg13426079	0.0563352	2.73047	2.73047	0.00114632	9.2263	9.2263	0.00579652	5.36545	5.36545	0.12788	2.14927	2.14927	4.78972	16.3901	3.04171	1
cg06626599	0.0359457	3.54876	3.54876	0.000855783	13.461	13.461	0.0127844	4.9799	4.9799	0.173695	2.11979	2.11979	4.6376	19.7902	3.79318	1
cg16906229	0.0268166	3.27316	3.27316	0.00174926	7.51391	7.51391	0.01191	4.13243	4.13243	0.0795561	2.41024	2.41024	4.5363	14.6831	2.87715	1
cg20276780	0.211978	0.588808	-1.69835	0.0084069	3.88071	3.88071	0.0355025	2.68077	2.68077	0.754182	1.1349	1.1349	4.40711	11.3275	2.2847	1
cg19276343	0.372902	1.5732	1.5732	0.0897788	2.52536	2.52536	0.016497	4.26774	4.26774	0.178124	2.03142	2.03142	4.26119	16.5586	3.45413	1
cg00682386	0.0947755	0.640833	-1.56047	0.0050723	2.45431	2.45431	0.179093	1.41324	1.41324	0.478805	1.19064	1.19064	4.04684	3.76425	0.826819	1
cg00630164	0.512913	0.660397	-1.51424	0.016608	0.160566	-6.22797	0.0941663	0.316437	-3.16018	0.971296	1.02275	1.02275	3.93402	24.3591	5.50392	1
cg06369443	0.72133	1.04022	1.04022	0.00317377	1.5584	1.5584	0.272366	0.881816	-1.13402	0.125714	1.20011	1.20011	3.52066	0.675739	0.170609	1
cg05447008	0.432127	0.807205	-1.23884	0.0855235	0.601837	-1.66158	0.0258778	0.493281	-2.02724	0.981674	0.993883	-1.00616	29.7565	33.6346	1.00474	1
cg04911669	0.00127207	0.401575	-2.49019	0.0227188	1.69772	1.69772	0.00666003	1.98053	1.98053	0.000216756	0.301899	-3.31237	24.9445	14.8827	0.530339	1
cg04377145	0.45978	1.10961	1.10961	0.000357348	0.453069	-2.20717	0.269118	0.852957	-1.17239	0.730612	0.953359	-1.04892	22.0055	6.65576	0.268852	1
cg11008243	0.677685	1.08379	1.08379	0.157311	1.33793	1.33793	0.614809	1.10261	1.10261	0.0171352	1.74944	1.74944	14.6761	8.61369	0.521708	1
cg00852573	0.841036	0.961423	-1.04012	0.239995	0.785826	-1.27255	0.947113	1.01308	1.01308	0.662392	1.08988	1.08988	12.8415	7.80527	0.54028	1
cg09303936	0.583541	0.894711	-1.11768	0.000670313	0.351434	-2.84549	0.306987	0.808547	-1.23679	0.0861649	1.46375	1.46375	12.2631	7.8428	0.568485	1
cg22394948	0.000764885	0.279588	-3.5767	0.00624258	0.41022	-2.43772	0.0261368	1.9343	1.9343	0.137141	0.670127	-1.49226	10.8483	10.7382	0.879867	1
cg16221634	0.0649132	1.24032	1.24032	0.42584	0.918984	-1.08816	0.00103211	0.603436	-1.65718	0.0865922	1.21734	1.21734	8.05063	1.3764	0.151971	1
cg08396034	0.000107965	0.245454	-4.07409	0.0126774	0.52858	-1.89186	0.335252	1.22689	1.22689	0.728243	1.07442	1.07442	7.94273	5.32694	0.59615	1
cg01375124	0.881685	1.04973	1.04973	0.000700671	0.185606	-5.38775	0.0947056	0.549639	-1.81938	0.00524945	0.301298	-3.31897	7.58169	12.7508	1.49492	1
cg06385094	0.00834988	1.52312	1.52312	0.000950815	1.84945	1.84945	0.3681	1.12233	1.12233	0.726765	1.04477	1.04477	7.49725	1.85039	0.219386	1
cg27369307	0.0939127	0.750269	-1.33286	0.000271934	0.394208	-2.53673	0.206256	0.812234	-1.23117	0.850093	1.02995	1.02995	5.64651	2.17608	0.342564	1
cg14863355	0.0100794	1.89805	1.89805	0.046239	1.5694	1.5694	0.627662	1.10127	1.10127	0.26589	1.2571	1.2571	4.77475	2.94551	0.54835	1
cg03661570	0.0169416	1.5107	1.5107	0.0300596	1.43539	1.43539	0.286874	1.16959	1.16959	0.0787469	1.31858	1.31858	4.7138	1.49801	0.282481	1
cg03020545	0.536451	1.13496	1.13496	0.0521576	0.639725	-1.56317	0.0194614	0.564816	-1.77049	0.734059	0.93336	-1.0714	4.42466	2.86625	0.575814	1
cg10848291	0.20696	1.88881	1.88881	0.0502017	0.344112	-2.90603	0.689071	1.21189	1.21189	0.852175	0.914721	-1.09323	4.27332	15.4528	3.21432	1
cg17969913	0.615122	1.16126	1.16126	0.400514	1.2889	1.2889	0.208579	0.676416	-1.47838	0.550141	0.836693	-1.19518	3.70405	5.10203	1.22437	1
cg06288351	0.00566739	1.86606	1.86606	9.71E-05	3.2906	3.2906	0.000507116	2.54415	2.54415	0.000434483	2.60143	2.60143	16.238	7.59758	0.415902	1
cg07589968	0.000896638	2.16223	2.16223	0.000431598	2.37175	2.37175	0.00326536	1.86262	1.86262	0.000705467	2.22723	2.22723	12.2329	4.66099	0.338686	1
cg16856453	0.00536486	3.74808	3.74808	0.000280832	8.50005	8.50005	0.00378784	4.08577	4.08577	0.117802	1.84418	1.84418	8.1599	16.7805	1.82796	1
cg06193004	0.0796499	1.89595	1.89595	0.00488537	3.41037	3.41037	0.00113461	4.82939	4.82939	0.00146462	4.53016	4.53016	8.14165	13.9458	1.52257	1
cg06369624	0.00367545	5.30825	5.30825	0.000244222	13.1608	13.1608	0.00665512	4.46735	4.46735	0.155798	1.90694	1.90694	7.93811	22.7155	2.54362	1
cg03816707	0.0112935	6.63948	6.63948	0.000388759	29.2209	29.2209	0.00371367	10.3669	10.3669	0.0272004	4.75667	4.75667	7.3042	41.1761	5.01094	1
cg22866937	0.32236	0.760253	-1.31535	0.169182	1.48103	1.48103	0.136288	1.53787	1.53787	0.930837	1.02355	1.02355	6.18291	7.04007	1.01212	1
cg25353142	0.0296719	3.46278	3.46278	0.00581298	5.77116	5.77116	0.00268572	7.48728	7.48728	0.00864619	5.07537	5.07537	5.99344	22.3511	3.3149	1
cg09028204	0.0200646	11.7959	11.7959	0.000986584	74.2562	74.2562	0.0044674	28.0936	28.0936	0.0493679	7.19269	7.19269	5.57549	68.3306	10.8938	1
cg07160746	0.0342219	12.6173	12.6173	0.00112994	136.505	136.505	0.0123713	24.4138	24.4138	0.0373766	11.9265	11.9265	5.09963	85.0304	14.8212	1
cg13711950	0.0283044	7.2225	7.2225	0.00410054	18.931	18.931	0.00572461	15.9022	15.9022	0.0118059	11.0354	11.0354	4.83956	44.6982	8.20979	1
cg09628707	0.0379253	3.4963	3.4963	0.00975219	5.47348	5.47348	0.00962733	5.49754	5.49754	0.09738	2.57557	2.57557	4.05858	17.3864	3.80787	1
cg19702785	0.0399613	7.71351	7.71351	0.00348775	30.2861	30.2861	0.0192295	11.439	11.439	0.0615696	6.12232	6.12232	3.92543	46.0314	10.4235	1
cg05203217	0.199301	1.59161	1.59161	0.264285	1.48994	1.48994	0.927117	1.03185	1.03185	0.0450409	2.19933	2.19933	3.61964	6.73215	1.65324	1
cg08706670	0.00119798	0.551433	-1.81346	8.17E-05	0.410398	-2.43666	0.0786373	0.782749	-1.27755	0.132458	0.815794	-1.2258	10.0791	2.51035	0.221391	1
cg05825700	0.0197358	1.57401	1.57401	0.0222477	0.643102	-1.55496	0.091631	1.34882	1.34882	0.0800232	1.3674	1.3674	9.39726	3.86283	0.365386	1
cg05373457	0.112113	0.448641	-2.22896	0.00564372	5.38127	5.38127	0.00921133	4.62611	4.62611	0.120752	2.1807	2.1807	5.90592	20.0793	3.02209	1
cg14486338	0.805356	1.40753	1.40753	0.457054	0.350415	-2.85376	0.00887584	100.583	100.583	0.021345	46.0648	46.0648	3.90162	118.456	26.9873	1
cg02471153	0.239504	2.36713	2.36713	0.0834329	0.261707	-3.82106	0.0352033	5.56294	5.56294	0.221286	2.45825	2.45825	3.7455	29.0318	6.8899	1
cg14688104	?	?	?	0.000389272	0.113168	-8.83645	?	?	?	?	?	?	38.4847	10.4913	0.272611	1
cg04470085	0.667459	1.07446	1.07446	0.0181994	1.6102	1.6102	0.946153	0.988841	-1.01129	0.634755	0.923568	-1.08276	13.9045	6.0791	0.388627	1
cg11999255	0.564151	0.788641	-1.268	0.0673762	0.433971	-2.3043	0.00083769	7.7425	7.7425	0.339203	1.49363	1.49363	4.75653	12.4956	2.33515	1
cg14482308	0.0462759	7.57743	7.57743	0.00233244	43.3848	43.3848	0.00942403	18.5256	18.5256	0.0941282	5.11685	5.11685	4.47588	55.7749	11.0766	1
cg24890054	0.635597	0.90082	-1.1101	0.00852449	0.479732	-2.0845	0.778166	0.940073	-1.06375	0.0193756	0.538661	-1.85646	4.39891	3.33564	0.674033	1
cg27365825	0.0569731	7.26928	7.26928	0.00447361	32.8221	32.8221	0.0119405	17.9729	17.9729	0.065014	6.73997	6.73997	4.31261	57.9273	11.9396	1
cg16832267	0.0132947	0.605414	-1.65176	0.704461	1.06433	1.06433	0.838868	0.967241	-1.03387	0.751405	1.05337	1.05337	4.2317	1.79366	0.376767	1
cg00060627	0.361424	1.19805	1.19805	0.0154835	1.77186	1.77186	0.0458431	1.55405	1.55405	0.0273911	0.604934	-1.65307	4.1645	2.44679	0.522254	1
cg19024632	0.0629246	4.56044	4.56044	0.00853463	11.4054	11.4054	0.0250112	6.91714	6.91714	0.335307	2.05568	2.05568	3.95079	32.9137	7.40526	1
cg21164967	0.102542	1.24433	1.24433	7.93E-07	0.1978	-5.0556	0.165335	0.834375	-1.1985	1.93E-05	0.345947	-2.89062	68.6177	16.2715	0.210785	1
cg13537226	0.0913121	0.570147	-1.75393	4.74E-07	0.0138879	-72.0049	0.0315736	2.14185	2.14185	0.00181312	0.261878	-3.81857	29.5422	42.7135	1.2852	1
cg02629157	0.0415075	1.3131	1.3131	0.00583427	1.51938	1.51938	0.018227	0.7174	-1.39392	0.813931	0.973049	-1.0277	24.1902	5.14444	0.189036	1
cg14315842	0.158587	0.650486	-1.53731	4.95E-06	0.051186	-19.5366	0.867729	0.95355	-1.04871	9.52E-05	0.137663	-7.26413	22.7567	29.3473	1.14632	1
cg00108873	0.216447	0.746364	-1.33983	0.000394524	0.280982	-3.55895	0.715015	0.920832	-1.08597	0.000225535	0.251633	-3.97403	22.1046	17.7096	0.712155	1
cg14087921	0.010905	0.48761	-2.05082	3.45E-06	0.0858628	-11.6465	0.120905	1.45938	1.45938	0.000491594	0.293214	-3.41048	20.338	16.2706	0.711119	1
cg21178689	0.00192056	0.38987	-2.56496	4.86E-06	0.106533	-9.38673	0.00112942	0.357837	-2.79457	0.0229677	0.558016	-1.79206	18.8223	13.711	0.647507	1
cg13551263	0.0650993	0.721184	-1.38661	0.000340916	0.402292	-2.48576	0.0473495	1.43058	1.43058	0.0230937	0.651321	-1.53534	17.0021	6.70704	0.350651	1
cg14002226	0.635722	1.14025	1.14025	7.77E-06	0.0673611	-14.8454	0.173325	1.4896	1.4896	0.232406	0.708606	-1.41122	15.046	18.0282	1.06508	1
cg03593616	0.00039235	0.355742	-2.81102	0.732307	1.06484	1.06484	0.437405	1.15597	1.15597	0.0862379	1.41454	1.41454	14.4363	7.6538	0.471269	1
cg13973849	0.199597	1.37154	1.37154	0.000377168	0.26586	-3.76138	0.010595	2.1157	2.1157	0.202643	0.730835	-1.3683	10.3872	8.94086	0.765116	1
cg14435098	0.0969697	0.497956	-2.00821	0.000145761	0.0819032	-12.2095	0.517544	1.28545	1.28545	0.026583	0.365687	-2.73458	9.14393	21.2139	2.06222	1
cg00820961	0.78675	1.08049	1.08049	0.00466618	0.34164	-2.92706	0.9707	0.989569	-1.01054	0.0834437	0.578661	-1.72813	7.17367	9.26035	1.14745	1
cg14628071	0.524243	1.09301	1.09301	0.00996776	1.5659	1.5659	0.623112	1.07064	1.07064	0.875272	1.02188	1.02188	6.80016	2.04529	0.267352	1
cg13739680	0.919445	1.03732	1.03732	0.000373926	0.127307	-7.85504	0.268879	1.51759	1.51759	0.0739462	0.486045	-2.05742	6.72754	13.981	1.84726	1
cg14116561	0.743246	1.04007	1.04007	0.0431185	1.32067	1.32067	0.850872	0.977755	-1.02275	0.370656	0.895942	-1.11614	6.51834	1.47488	0.201126	1
cg05213116	0.0322932	0.737287	-1.35632	0.00327272	0.614256	-1.62799	0.111061	1.23498	1.23498	0.43263	0.907229	-1.10226	6.23938	1.46067	0.208093	1
cg13402942	0.565456	1.11092	1.11092	0.000366019	0.355768	-2.81082	0.203234	0.784145	-1.27527	0.401065	0.855894	-1.16837	6.21016	3.22381	0.461438	1
cg13806356	0.456837	0.811356	-1.23251	0.000644081	0.235846	-4.24006	0.263105	1.37969	1.37969	0.104725	0.613132	-1.63097	6.11064	7.36563	1.07145	1
cg13772595	0.0924267	2.14505	2.14505	0.558182	0.78347	-1.27637	0.199632	1.74789	1.74789	0.00700562	0.237651	-4.20786	5.36539	14.4301	2.39065	1
cg14163502	0.0699036	1.92929	1.92929	0.00207901	0.245302	-4.07661	0.749102	0.901187	-1.10965	0.0883761	0.543561	-1.83972	5.14847	8.57267	1.48008	1
cg05960911	0.868928	0.958012	-1.04383	0.00071008	0.261973	-3.81718	0.205085	1.41518	1.41518	0.237475	0.725117	-1.37909	4.80662	5.13526	0.949663	1
cg13775996	0.038866	0.450758	-2.21849	0.0173448	0.380812	-2.62597	0.82172	0.92756	-1.0781	0.0136086	0.361645	-2.76515	4.79752	8.43505	1.56285	1
cg21227867	0.381293	1.2137	1.2137	0.000579155	0.317258	-3.15201	0.738058	1.07507	1.07507	0.841575	1.04411	1.04411	4.50084	3.31569	0.654829	1
cg08022012	0.802312	1.07346	1.07346	0.448571	1.24388	1.24388	0.472217	0.81332	-1.22953	0.030684	0.488017	-2.04911	4.35315	5.50552	1.1242	1
cg01421830	0.0650723	2.2043	2.2043	0.0822329	0.479661	-2.0848	0.00471359	4.19076	4.19076	0.535179	1.27079	1.27079	4.3002	9.91722	2.04998	1
cg14120667	0.0396914	0.674561	-1.48245	0.00363985	0.521445	-1.91775	0.776778	0.954039	-1.04817	0.841828	1.03363	1.03363	4.28139	1.85782	0.385714	1
cg14284809	0.390335	0.829478	-1.20558	0.000941844	2.85133	2.85133	0.381631	1.20996	1.20996	0.3351	0.809667	-1.23508	4.27283	3.05298	0.635119	1
cg13728439	0.120805	0.360242	-2.77591	0.0260387	0.201314	-4.96737	0.00823639	0.128622	-7.77474	0.0623888	0.280025	-3.5711	4.21963	24.6106	5.18436	1
cg13805730	0.453531	0.753268	-1.32755	0.0626923	0.45968	-2.17543	0.941517	0.973141	-1.0276	0.485008	0.768509	-1.30122	4.15725	9.06625	1.93851	1
cg13442116	0.00673473	1.75633	1.75633	0.0502823	1.4301	1.4301	0.484675	1.12057	1.12057	0.669842	0.933554	-1.07117	3.81019	1.55082	0.361795	1
cg14310831	0.39551	0.74474	-1.34275	0.00642753	0.301033	-3.3219	0.389566	0.741836	-1.34801	0.206116	0.63655	-1.57097	3.72765	6.77225	1.6149	1
cg13504844	0.545494	0.739117	-1.35297	0.142058	0.458446	-2.18128	0.00465475	0.155737	-6.42108	0.251891	0.553545	-1.80654	3.44695	13.3278	3.43693	1
cg14518227	0.113904	0.721354	-1.38628	0.450964	1.15704	1.15704	0.00305691	2.16062	2.16062	0.0308099	0.617769	-1.61873	7.38186	4.21651	0.507732	1
cg09173378	0.461954	0.72189	-1.38525	0.0786647	0.427459	-2.3394	0.526344	0.756252	-1.32231	0.0623396	0.40132	-2.49178	6.63357	19.8957	2.66599	1
cg13372488	0.00241584	0.446379	-2.24025	0.396096	0.847122	-1.18047	0.160181	0.750914	-1.33171	0.4577	1.15532	1.15532	4.94399	2.85389	0.513107	1
cg07845390	0.000770889	0.427901	-2.33699	0.847533	0.968418	-1.03261	0.400443	1.1543	1.1543	0.330355	0.845809	-1.1823	4.67645	2.05868	0.391308	1
cg24040450	?	?	?	0.0662653	0.351716	-2.8432	0.92254	0.951864	-1.05057	0.020774	0.243692	-4.10353	4.72481	17.1142	3.62221	1
cg19503341	0.0764825	0.56365	-1.77415	0.0807309	0.569219	-1.75679	0.137585	1.59238	1.59238	0.177519	0.659066	-1.5173	4.3039	5.76972	1.19163	1
cg12033248	0.0668376	0.621451	-1.60914	0.000211491	0.238403	-4.19457	0.510481	0.856804	-1.16713	0.00853497	0.459781	-2.17495	8.66327	7.35455	0.754609	1
cg08331840	0.949308	0.980319	-1.02008	0.48877	1.24591	1.24591	0.151216	0.618273	-1.61741	0.0475963	0.492474	-2.03056	7.40235	11.4585	1.37596	1
cg05749559	0.0916087	0.440778	-2.26871	0.00130876	0.127004	-7.87378	0.0310954	0.327601	-3.0525	0.0124694	0.253829	-3.93965	5.90146	18.179	2.73815	1
cg06622573	0.349336	1.49107	1.49107	0.00173468	0.156855	-6.37532	0.265102	0.617797	-1.61865	0.00926025	0.254257	-3.93303	5.43418	14.7986	2.42066	1
cg07338584	0.953444	0.964068	-1.03727	0.231374	0.4553	-2.19635	0.500023	0.651104	-1.53585	0.278356	0.493383	-2.02682	3.50345	21.7962	5.5301	1
cg07583503	0.852431	1.01535	1.01535	0.211709	0.897974	-1.11362	1.19E-06	2.79535	2.79535	0.026797	1.23935	1.23935	56.1144	5.94626	0.0941927	1
cg23291534	0.787194	1.10358	1.10358	0.0656786	2.12208	2.12208	1.72E-06	78.189	78.189	0.160965	1.72531	1.72531	29.9272	62.8894	1.86792	1
cg12210890	0.114309	0.695106	-1.43863	0.622486	0.900258	-1.11079	2.24E-06	11.5693	11.5693	0.718714	1.07959	1.07959	27.4082	19.4614	0.631162	1
cg17462793	0.126107	0.842626	-1.18677	0.53867	1.06653	1.06653	3.53E-06	3.08599	3.08599	0.0278675	1.30851	1.30851	18.4709	3.13153	0.150701	1
cg21549927	0.0155076	0.645221	-1.54986	0.0081935	0.606971	-1.64753	5.81E-05	3.00311	3.00311	0.142518	0.792437	-1.26193	17.082	5.89249	0.306626	1
cg21225797	0.546682	0.926929	-1.07883	0.137202	0.819431	-1.22036	3.29E-05	2.72638	2.72638	0.0340026	1.36049	1.36049	13.497	3.3079	0.217853	1
cg17826753	0.730784	0.922656	-1.08383	0.0226357	1.88908	1.88908	0.000217731	4.20878	4.20878	0.76461	0.932406	-1.07249	6.90306	5.93841	0.764673	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01829829	KCNV1	0.0140197	0.0518989	1.97896	1.97896	0.0114247	2.65605	2.65605	0.342784	1.35203	1.35203	0.0411577	2.06888	2.06888	0.00414418	3.2743	3.2743
cg16406186	KCNV1	0.0252295	0.0457308	2.25167	2.25167	0.00579085	0.277759	-3.60025	0.290895	0.678145	-1.47461	0.248221	1.53381	1.53381	0.719879	1.13611	1.13611
cg14341520	KCNV2	0.00340687	0.0338973	0.740385	-1.35065	0.000437231	0.509435	-1.96296	0.16282	0.834586	-1.1982	0.735208	1.04206	1.04206	0.170717	0.837736	-1.19369
cg08260622	KCNV2	0.00444895	0.0032812	0.595674	-1.67877	0.351098	1.13212	1.13212	0.196672	0.838196	-1.19304	0.0970155	0.790164	-1.26556	0.0197601	0.694906	-1.43904
cg06169179	KCNV2	0.00467286	0.146398	0.714483	-1.39961	0.0229603	0.556193	-1.79794	0.362012	1.22391	1.22391	0.903262	1.02657	1.02657	0.00022635	0.266536	-3.75184
cg14403068	KCNV2	0.0494951	0.0388526	0.741917	-1.34786	0.124341	1.23083	1.23083	0.399777	1.11359	1.11359	0.182081	1.19336	1.19336	0.0532264	1.31537	1.31537
cg26428825	KCNV2;KCNV2	0.00122045	0.513273	0.912721	-1.09562	0.868757	0.977478	-1.02304	0.000618404	0.483918	-2.06647	0.246536	1.18166	1.18166	0.000181182	0.41788	-2.39303
cg14253677	KCNV2;KCNV2	0.031386	0.999101	0.999725	-1.00028	0.604773	0.880294	-1.13598	0.508059	0.848765	-1.17818	0.00590015	0.414914	-2.41014	0.389478	0.806252	-1.24031
cg05887390	KCP	0.0022078	0.656586	0.902727	-1.10775	0.00126627	0.341044	-2.93217	0.0360266	0.572536	-1.74662	0.170715	0.716343	-1.39598	0.0992532	0.661504	-1.51171
cg19567740	KCP	0.0229091	0.0256428	0.255356	-3.91611	0.0728555	0.356875	-2.8021	0.162187	0.463712	-2.15651	0.215663	1.95628	1.95628	0.750474	0.848493	-1.17856
cg00139092	KCP;KCP	1.04E-05	0.000482562	0.334721	-2.98757	0.000539124	0.340942	-2.93305	6.76E-05	0.232625	-4.29876	0.282342	0.799832	-1.25026	9.74E-06	0.149199	-6.70244
cg01861634	KCP;KCP	3.08E-05	0.319363	1.24561	1.24561	0.000418677	0.303057	-3.29971	0.000228414	0.27067	-3.69453	0.028704	1.73449	1.73449	8.79E-05	0.223135	-4.48159
cg14361586	KCP;KCP	0.00176074	0.00413681	0.367197	-2.72333	0.815152	1.06292	1.06292	0.154751	0.67244	-1.48712	0.675696	1.11586	1.11586	0.00612346	0.39372	-2.53988
cg02067771	KCP;KCP	0.00586964	0.188351	0.66678	-1.49974	0.137665	0.628223	-1.59179	0.00240758	0.292523	-3.41853	0.0516097	0.525095	-1.90442	0.000867056	0.23379	-4.27734
cg22939733	KCP;KCP	0.00605714	0.044056	0.507941	-1.96873	0.00173845	0.270503	-3.69681	0.000672971	0.218128	-4.58447	0.798541	0.927852	-1.07776	0.0693879	0.551708	-1.81255
cg18323749	KCP;KCP	0.0127183	0.469341	0.836775	-1.19506	0.00304947	0.374397	-2.67096	0.0019424	0.346036	-2.88987	0.204203	1.38315	1.38315	0.652613	0.896113	-1.11593
cg09982773	KCP;KCP	0.0158088	0.0589231	4.29548	4.29548	0.00213909	19.0539	19.0539	0.0317928	5.58241	5.58241	0.822497	1.16595	1.16595	0.0906901	3.57377	3.57377
cg16155175	KCP;KCP	0.0165908	0.103138	2.14627	2.14627	0.00105419	7.96921	7.96921	0.0161665	3.52707	3.52707	0.0542837	2.54873	2.54873	0.976932	1.01246	1.01246
cg04729004	KCP;KCP	0.0170716	0.255577	1.86059	1.86059	0.000806376	14.0803	14.0803	0.0169173	4.59117	4.59117	0.530739	1.39403	1.39403	0.602187	0.759481	-1.31669
cg07039423	KCP;KCP	0.0203773	0.294082	0.441243	-2.26633	0.000491441	0.0165054	-60.5861	0.01205	0.0949989	-10.5264	0.77256	1.24343	1.24343	0.18191	0.344645	-2.90153
cg17533927	KCP;KCP	0.0241965	0.12227	3.00584	3.00584	0.00172728	18.8738	18.8738	0.0163226	6.88652	6.88652	0.457703	1.64373	1.64373	0.137132	2.86403	2.86403
cg07302677	KCP;KCP	0.0272795	0.104917	3.28278	3.28278	0.000644688	33.5179	33.5179	0.0591259	4.17643	4.17643	0.761011	1.22708	1.22708	0.297971	2.06214	2.06214
cg23537419	KCP;KCP	0.032111	0.0842465	0.387485	-2.58074	0.0600084	0.348853	-2.86654	0.00153515	0.104081	-9.60787	0.0488601	0.327434	-3.05405	0.151826	0.466694	-2.14273
cg12582654	KCP;KCP	0.0349372	0.0388275	12.4483	12.4483	0.00777193	36.7065	36.7065	0.0472962	10.9397	10.9397	0.136595	5.42228	5.42228	0.20473	4.09838	4.09838
cg20531550	KCP;KCP	0.0361442	0.0379907	6.89798	6.89798	0.00827459	15.0383	15.0383	0.0306671	7.67755	7.67755	0.301476	2.36177	2.36177	0.11121	4.02651	4.02651
cg07293445	KCP;KCP	0.0479223	0.0450529	28.5414	28.5414	0.0107267	106.981	106.981	0.058464	22.5455	22.5455	0.100213	13.7982	13.7982	0.379678	3.71835	3.71835
cg01900213	KCTD10	0.0140521	0.600697	0.879899	-1.13649	0.0940612	1.56207	1.56207	0.103576	1.53924	1.53924	0.409726	1.22661	1.22661	0.000860805	0.297507	-3.36127
cg20587236	KCTD10	0.0184454	0.0500643	0.307657	-3.25038	0.00177284	0.0955229	-10.4687	0.0266136	0.249991	-4.00014	0.0780956	0.356014	-2.80888	0.0203315	0.228631	-4.37386
cg26402410	KCTD10	0.0351223	0.955648	0.97784	-1.02266	0.650853	1.20151	1.20151	0.184366	0.567033	-1.76357	0.0425886	0.390352	-2.56179	0.485884	0.751781	-1.33018
cg22714942	KCTD10	0.0477866	0.135669	0.551519	-1.81317	0.75503	1.1228	1.1228	0.245185	0.637739	-1.56804	0.0500605	0.437445	-2.286	0.00843704	0.288018	-3.472
cg00203617	KCTD10;UBE3B;UBE3B	0.0292997	0.788288	0.966619	-1.03453	0.267864	0.864515	-1.15672	0.019579	1.42735	1.42735	0.89362	1.01702	1.01702	0.918972	1.01292	1.01292
cg08408988	KCTD10;UBE3B;UBE3B	0.0355278	0.458392	0.914249	-1.09379	0.0129585	1.44224	1.44224	0.00975393	1.47415	1.47415	0.543563	0.929598	-1.07573	0.586027	0.936791	-1.06747
cg07639694	KCTD11	0.000827154	0.693516	1.06478	1.06478	1.37E-05	4.22056	4.22056	0.204341	1.23649	1.23649	0.0474035	1.43256	1.43256	0.495762	0.89618	-1.11585
cg26144202	KCTD11	0.00330173	0.732391	1.0479	1.0479	0.00124795	0.525852	-1.90168	0.00648276	0.617309	-1.61993	0.00711753	1.6062	1.6062	0.487352	1.10096	1.10096
cg21507719	KCTD11	0.00356767	0.0872228	0.731107	-1.36779	0.000787431	0.430996	-2.32021	0.0587069	0.701761	-1.42499	0.205132	0.801134	-1.24823	0.0376001	0.670277	-1.49192
cg02676175	KCTD11;ACAP1	0.000241742	0.0272529	1.67792	1.67792	0.19326	0.761315	-1.31352	1.31E-05	6.12087	6.12087	0.00499765	2.08729	2.08729	0.106371	1.41805	1.41805
cg07148458	KCTD11;ACAP1	0.0024175	0.655508	1.14513	1.14513	0.000136505	7.32916	7.32916	0.0178752	2.38387	2.38387	0.000487886	5.2036	5.2036	0.436998	0.787178	-1.27036
cg10055235	KCTD11;TMEM95;KCTD11	0.000125448	4.50E-05	0.191841	-5.21264	0.0778291	0.657712	-1.52042	0.552092	1.13725	1.13725	0.0158477	1.88101	1.88101	0.00162439	0.380763	-2.62631
cg25021575	KCTD12	0.00122306	0.660812	0.945308	-1.05786	0.111956	0.802136	-1.24667	3.19E-05	0.356476	-2.80524	0.0107784	0.664953	-1.50387	0.141763	0.817721	-1.22291
cg11004501	KCTD12	0.00165394	0.524148	1.26166	1.26166	0.322431	1.44488	1.44488	0.0536598	2.20113	2.20113	0.000268152	0.116118	-8.61192	0.0142567	0.336759	-2.96948
cg02722456	KCTD12	0.017791	0.34928	1.37794	1.37794	0.00709113	0.314265	-3.18203	0.0712264	0.511479	-1.95511	0.291084	0.694532	-1.43982	0.000970812	0.195255	-5.12151
cg00931644	KCTD12	0.033682	0.0965354	2.05682	2.05682	0.184994	1.74305	1.74305	0.0213469	2.98424	2.98424	0.0710766	2.21879	2.21879	0.012626	0.293577	-3.40626
cg02481778	KCTD12	0.0382559	0.942292	1.02015	1.02015	0.364755	1.29264	1.29264	0.0335973	1.98204	1.98204	0.377669	0.7792	-1.28337	0.0904568	0.598001	-1.67224
cg27337803	KCTD13	0.00120075	0.257759	1.10076	1.10076	0.000394734	0.632046	-1.58216	0.000730573	0.65876	-1.518	0.144614	0.880401	-1.13585	0.0704488	0.848435	-1.17864
cg26753484	KCTD13	0.00138819	0.00663412	0.387546	-2.58034	0.142774	0.654568	-1.52772	0.366086	1.28379	1.28379	0.143498	0.655144	-1.52638	0.000220917	0.191004	-5.23549
cg02747254	KCTD13	0.0029174	0.114319	1.54441	1.54441	0.000564797	3.8661	3.8661	0.0342424	1.86847	1.86847	0.00128873	3.27726	3.27726	0.465426	0.828628	-1.20681
cg17415239	KCTD13	0.00294934	0.0153281	0.837787	-1.19362	0.888274	1.00839	1.00839	0.00744905	1.22744	1.22744	0.180869	1.08816	1.08816	0.0717305	1.127	1.127
cg07664915	KCTD13	0.036573	0.479279	0.868444	-1.15148	0.00340438	2.18299	2.18299	0.0295374	1.65294	1.65294	0.745655	0.938163	-1.06591	0.527793	1.13367	1.13367
cg01486387	KCTD13	0.0453273	0.0656017	1.46784	1.46784	0.141006	1.34188	1.34188	0.0401956	0.643833	-1.5532	0.183314	1.29983	1.29983	0.31267	0.823676	-1.21407
cg05197560	KCTD13;KCTD13	0.00947135	?	?	?	0.0137476	4.05737	4.05737	?	?	?	0.0750403	0.450056	-2.22195	?	?	?
cg27283913	KCTD13;KCTD13	0.0329678	0.447727	0.854659	-1.17006	0.753127	1.06614	1.06614	0.437333	0.851449	-1.17447	0.077651	0.671626	-1.48892	0.126631	0.715067	-1.39847
cg24073311	KCTD14	0.00166646	0.00553392	1.47055	1.47055	0.0118062	0.717056	-1.39459	0.014248	0.726299	-1.37684	0.0233492	0.750779	-1.33195	0.11161	1.20118	1.20118
cg17260124	KCTD14	0.00181495	0.272399	0.853332	-1.17188	0.000616287	2.07919	2.07919	0.00051195	2.12374	2.12374	0.172865	1.2231	1.2231	0.0947564	0.77496	-1.29039
cg17272843	KCTD14	0.00349741	0.0290133	3.02618	3.02618	0.00243843	6.14009	6.14009	0.0351154	2.8751	2.8751	0.23997	1.69784	1.69784	0.0264921	3.10113	3.10113
cg12362404	KCTD14	0.00422959	0.539905	0.913993	-1.0941	0.530003	0.911925	-1.09658	0.519514	0.909715	-1.09925	0.00640857	1.67194	1.67194	0.0253589	1.4699	1.4699
cg16769152	KCTD14	0.0174938	0.0365692	8.69027	8.69027	0.0114512	16.7101	16.7101	0.0593514	6.64893	6.64893	0.155279	3.87096	3.87096	0.0323557	9.30032	9.30032
cg15778054	KCTD14	0.0232293	0.0430396	4.88675	4.88675	0.00521386	12.3283	12.3283	0.0361119	5.26387	5.26387	0.395825	1.80864	1.80864	0.0408805	4.9944	4.9944
cg11550547	KCTD14	0.0412472	0.375094	1.6075	1.6075	0.00145927	10.9879	10.9879	0.0121523	5.10259	5.10259	0.68265	0.807068	-1.23905	0.508475	1.41874	1.41874
cg26149738	KCTD15;KCTD15;KCTD15	2.28E-05	0.000229282	0.531206	-1.88251	0.0376659	0.779404	-1.28303	0.00653326	0.694004	-1.44091	0.788292	0.972562	-1.02821	0.0391482	1.27985	1.27985
cg14608758	KCTD15;KCTD15;KCTD15	0.00419306	0.277105	1.44067	1.44067	0.00102458	0.207597	-4.81704	0.0097197	0.347684	-2.87618	0.272746	1.44587	1.44587	0.00115876	0.214078	-4.67119
cg00998135	KCTD15;KCTD15;KCTD15	0.00929307	0.0632509	0.364922	-2.74031	0.0015858	0.112138	-8.9176	0.0144822	0.233676	-4.27942	0.257254	0.565212	-1.76925	0.00411468	0.156111	-6.40568
cg13613853	KCTD15;KCTD15;KCTD15	0.0248337	0.800626	0.958337	-1.04347	0.812137	1.04085	1.04085	0.682197	0.933105	-1.07169	0.102074	1.35111	1.35111	0.0405577	1.48845	1.48845
cg04566826	KCTD15;KCTD15;KCTD15	0.0402876	0.0655769	0.388311	-2.57525	0.255801	1.72119	1.72119	0.597287	1.27641	1.27641	0.5897	1.28301	1.28301	0.00650909	0.198158	-5.04647
cg14266436	KCTD15;KCTD15;KCTD15	0.0460471	0.385132	0.882832	-1.13272	0.51908	0.912578	-1.0958	0.241519	1.18718	1.18718	0.0341476	1.41339	1.41339	0.245428	1.18535	1.18535
cg22174841	KCTD16	0.000712948	0.00145736	0.250197	-3.99686	0.00192991	0.266466	-3.75282	4.56E-05	0.097989	-10.2052	0.293598	1.38862	1.38862	0.81352	0.931266	-1.07381
cg12804484	KCTD16	0.00225669	?	?	?	0.027298	1.3483	1.3483	0.00647111	0.656568	-1.52307	0.502703	1.0762	1.0762	?	?	?
cg18991165	KCTD16	0.0143602	0.221373	0.632224	-1.58172	0.648834	1.17767	1.17767	0.213792	0.626927	-1.59508	0.320965	1.44162	1.44162	0.000539133	0.14664	-6.81942
cg25891639	KCTD16	0.0194751	0.685483	0.96616	-1.03503	0.219534	1.11535	1.11535	0.663838	1.03767	1.03767	0.449292	1.06736	1.06736	0.0424549	0.820722	-1.21844
cg12456778	KCTD16	0.0468039	0.0456886	0.229722	-4.35309	0.0116658	0.132177	-7.56559	0.579712	0.698277	-1.4321	0.611878	1.38889	1.38889	0.00896187	0.118359	-8.44886
cg03982568	KCTD16;YIPF5;YIPF5	0.020791	0.558219	0.843487	-1.18555	0.0110118	0.399781	-2.50137	0.014203	0.419105	-2.38604	0.953825	1.01679	1.01679	0.605831	0.861019	-1.16141
cg22229142	KCTD17	0.00117272	0.058652	1.69398	1.69398	0.00333816	2.67976	2.67976	0.466985	0.833057	-1.2004	0.236072	0.736098	-1.35851	0.0401093	1.79557	1.79557
cg02165713	KCTD17	0.0082933	0.877935	0.986707	-1.01347	0.118292	1.15912	1.15912	0.00527488	1.37749	1.37749	0.00529399	0.726113	-1.3772	0.414329	1.07536	1.07536
cg25061914	KCTD17	0.0286419	0.35018	1.38215	1.38215	0.330008	1.40258	1.40258	0.0999698	0.545172	-1.83428	0.122129	0.568988	-1.75751	0.14573	0.59115	-1.69162
cg20011794	KCTD17	0.0295562	0.443284	1.07078	1.07078	0.677579	0.964081	-1.03726	0.975107	1.00273	1.00273	0.0700747	0.837629	-1.19385	0.759317	0.973473	-1.02725
cg14586373	KCTD17	0.0452938	0.0723531	0.443964	-2.25243	0.022055	0.328956	-3.03992	0.220863	0.59383	-1.68398	0.91788	0.959097	-1.04265	0.00528444	0.225611	-4.43241
cg22109240	KCTD18	0.000230239	3.58E-05	0.320493	-3.12019	0.0113007	1.57298	1.57298	0.0151013	0.652909	-1.53161	0.173851	1.22946	1.22946	0.0503709	0.727269	-1.37501
cg11692073	KCTD18	0.00440056	0.0195511	0.718804	-1.3912	0.844027	1.02332	1.02332	0.280006	1.14043	1.14043	0.97786	0.996758	-1.00325	0.223509	1.16142	1.16142
cg13433829	KCTD18	0.0164012	0.00801111	3.46459	3.46459	0.646581	1.18392	1.18392	0.458242	1.31813	1.31813	0.00630492	3.6729	3.6729	0.015807	2.94838	2.94838
cg11430659	KCTD18;KCTD18	0.0163777	0.842713	0.986074	-1.01412	0.016517	0.81323	-1.22966	0.0914494	0.87704	-1.1402	0.235145	0.915911	-1.09181	0.152818	1.11414	1.11414
cg01083061	KCTD18;KCTD18	0.0433334	0.787508	0.976951	-1.02359	0.102485	1.16675	1.16675	0.0268901	1.25387	1.25387	0.0604483	0.832991	-1.20049	0.188758	1.1277	1.1277
cg08128361	KCTD19	0.00109008	0.241515	0.832417	-1.20132	0.212937	1.21706	1.21706	0.00017286	0.354682	-2.81943	0.481405	0.8989	-1.11247	0.00112559	0.467876	-2.13732
cg10215414	KCTD19;LRRC36	0.0283733	0.0244014	0.437529	-2.28556	0.00490795	0.317034	-3.15424	0.0692241	0.534455	-1.87106	0.168441	0.636156	-1.57194	0.00838843	0.354213	-2.82316
cg10010004	KCTD19;LRRC36	0.0331177	0.666219	0.966124	-1.03506	0.0189377	1.25318	1.25318	0.080107	1.16672	1.16672	0.308145	0.919642	-1.08738	0.00491606	0.743852	-1.34435
cg05176991	KCTD1;KCTD1;KCTD1	7.98E-07	0.467816	1.11341	1.11341	0.0203255	1.50195	1.50195	0.00930198	1.61578	1.61578	0.8362	1.03056	1.03056	0.105426	1.29336	1.29336
cg03740978	KCTD1;KCTD1;KCTD1	1.62E-05	0.712224	0.902528	-1.108	0.0441335	1.89672	1.89672	0.330024	1.3208	1.3208	0.705084	0.900101	-1.11099	0.544968	0.844018	-1.18481
cg16547027	KCTD1;KCTD1;KCTD1	0.000869311	0.585304	1.17409	1.17409	0.0234699	0.45459	-2.19978	0.344623	1.32783	1.32783	0.511503	1.21404	1.21404	0.53996	0.834659	-1.19809
cg12918961	KCTD1;KCTD1;KCTD1	0.00165786	0.843821	1.01476	1.01476	0.782016	1.02082	1.02082	0.00393332	1.35327	1.35327	0.00942049	1.28919	1.28919	0.00335845	1.36579	1.36579
cg23777946	KCTD1;KCTD1;KCTD1	0.00444343	0.65032	0.899441	-1.1118	0.879564	1.03584	1.03584	0.0964326	1.52788	1.52788	0.102506	1.51427	1.51427	0.232279	0.747579	-1.33765
cg00868875	KCTD1;KCTD1;KCTD1	0.00591037	0.16267	0.519277	-1.92575	0.0634018	0.399379	-2.50389	0.997759	0.998766	-1.00124	0.767222	0.877642	-1.13942	0.0238741	0.305655	-3.27166
cg24128943	KCTD1;KCTD1;KCTD1	0.00614474	0.0220344	0.411103	-2.43248	0.0892335	0.545203	-1.83418	0.0023305	0.2526	-3.95882	0.937192	1.02584	1.02584	0.0409406	0.46597	-2.14606
cg00044299	KCTD1;KCTD1;KCTD1	0.0131269	0.0208987	0.239041	-4.18339	0.00386021	0.134752	-7.42101	0.0579054	0.331602	-3.01566	0.0787365	0.365953	-2.73259	0.0152464	0.215629	-4.63759
cg19738924	KCTD1;KCTD1;KCTD1	0.025115	0.010613	0.273779	-3.65258	0.00642454	0.239523	-4.17497	0.59276	0.804413	-1.24314	0.262683	0.624511	-1.60125	0.0145336	0.297121	-3.36563
cg05840573	KCTD1;KCTD1;KCTD1	0.0251554	0.039925	0.281476	-3.5527	0.880847	0.923052	-1.08336	0.91229	1.06058	1.06058	0.265517	0.538271	-1.8578	0.018705	0.218446	-4.57779
cg27626185	KCTD2	0.000190117	0.122472	1.21779	1.21779	0.00137079	1.72755	1.72755	0.299639	1.1349	1.1349	0.137934	1.20691	1.20691	1.34E-05	0.341969	-2.92424
cg14193156	KCTD2	0.00339107	0.212684	1.37895	1.37895	0.00308956	2.69469	2.69469	0.00441819	2.5349	2.5349	0.976383	1.00727	1.00727	0.132165	0.671794	-1.48855
cg09185884	KCTD2	0.00952914	0.0247083	3.63008	3.63008	0.00108438	10.2299	10.2299	0.0199307	3.87477	3.87477	0.0182792	3.97843	3.97843	0.215518	1.87472	1.87472
cg06254425	KCTD2	0.0104484	0.0561643	2.62711	2.62711	0.00104633	8.72625	8.72625	0.0218663	3.4163	3.4163	0.0156435	3.75607	3.75607	0.641958	1.23258	1.23258
cg07392740	KCTD2	0.0169049	0.858769	1.03738	1.03738	0.199255	0.756178	-1.32244	0.000348044	0.305695	-3.27124	0.504687	0.869801	-1.14969	0.824417	0.955245	-1.04685
cg26475911	KCTD2	0.0176165	0.0520372	6.10892	6.10892	0.00169139	39.377	39.377	0.00763292	16.5838	16.5838	0.084494	4.77067	4.77067	0.207784	2.96698	2.96698
cg10016358	KCTD2	0.042029	0.626344	0.816863	-1.2242	0.0175449	3.29232	3.29232	0.0697526	2.30737	2.30737	0.120065	2.00418	2.00418	0.0598567	0.416709	-2.39976
cg16089347	KCTD20	0.011528	0.0621761	0.728057	-1.37352	0.0727594	1.35334	1.35334	0.0889307	0.753071	-1.3279	0.0024787	0.5295	-1.88858	0.00797432	0.598053	-1.67209
cg18089747	KCTD20	0.0177282	0.0154806	0.591843	-1.68964	0.30979	0.830596	-1.20395	0.145811	0.758981	-1.31756	0.492725	0.884233	-1.13092	0.0222507	0.616373	-1.62239
cg10819617	KCTD21;USP35;USP35	0.000395553	0.0588493	0.763489	-1.30978	0.00596214	1.57565	1.57565	0.209549	1.18205	1.18205	0.0910762	0.790273	-1.26539	0.00611534	0.636032	-1.57225
cg19646445	KCTD3	0.000308997	0.000646347	0.213413	-4.68575	2.14E-05	0.0585216	-17.0877	0.00170697	0.277372	-3.60527	0.0306359	0.511	-1.95695	0.000699624	0.21833	-4.58023
cg12133444	KCTD3	0.0218704	0.00532195	0.303969	-3.28981	0.545913	1.2192	1.2192	0.0110704	0.355877	-2.80996	0.0521104	0.488466	-2.04722	0.0291737	0.434525	-2.30136
cg23923495	KCTD3	0.0497364	0.618558	1.09582	1.09582	0.0849883	1.4151	1.4151	0.00486922	1.97478	1.97478	0.269311	0.810818	-1.23332	0.193124	0.777978	-1.28538
cg04439215	KCTD4;GTF2F2	0.00934575	0.413751	0.79905	-1.25149	0.00186804	0.305833	-3.26975	0.760832	0.921301	-1.08542	0.0050538	2.70573	2.70573	0.100652	0.617048	-1.62062
cg02969426	KCTD4;GTF2F2;KCTD4	0.0209456	0.858169	1.0183	1.0183	0.19949	0.87161	-1.1473	0.102753	0.834464	-1.19837	0.232236	0.880734	-1.13542	0.0289733	1.29821	1.29821
cg01831107	KCTD5	1.30E-06	0.0383599	0.816551	-1.22466	1.55E-08	6.36518	6.36518	0.425154	1.0712	1.0712	0.884435	0.987792	-1.01236	0.061204	0.836812	-1.19501
cg06057750	KCTD5	0.000128962	5.03E-05	0.181726	-5.50278	0.000133983	0.226657	-4.41195	0.068176	0.632496	-1.58104	0.144426	0.703532	-1.4214	4.56E-05	0.177493	-5.63403
cg04047483	KCTD5	0.000712818	0.0025162	0.334794	-2.98691	0.788787	1.07254	1.07254	0.000279784	0.21229	-4.71054	0.000399582	0.230104	-4.34586	0.0512313	0.560469	-1.78422
cg08324742	KCTD5	0.00384107	0.424475	0.795008	-1.25785	0.00430065	0.341707	-2.92649	0.285706	0.732098	-1.36592	0.157224	0.65349	-1.53024	0.000108748	0.146934	-6.80576
cg05681670	KCTD5	0.00750546	0.00107277	0.304642	-3.28254	0.55445	0.863214	-1.15846	0.631623	0.887954	-1.12618	0.568789	0.867896	-1.15221	0.00058415	0.270418	-3.69798
cg01248460	KCTD5	0.0106182	0.0163495	0.618968	-1.61559	0.21456	1.23805	1.23805	0.836994	0.966892	-1.03424	0.316462	1.18442	1.18442	0.00166389	0.479431	-2.0858
cg00563300	KCTD5	0.0113246	0.111286	0.705149	-1.41814	0.261245	1.26612	1.26612	0.129587	1.39068	1.39068	0.324484	0.814715	-1.22742	0.0207335	0.570755	-1.75206
cg20722469	KCTD5	0.0281966	0.0694556	0.828984	-1.2063	0.0519086	1.22664	1.22664	0.0685191	1.20724	1.20724	0.720383	0.967348	-1.03375	0.0541795	1.22363	1.22363
cg06833320	KCTD5	0.0312354	0.0706405	0.81847	-1.22179	0.743442	0.967958	-1.0331	0.0278339	0.772769	-1.29405	0.128754	1.17679	1.17679	0.00936837	0.721291	-1.3864
cg00615811	KCTD5	0.0349823	0.0336869	0.485536	-2.05958	0.857046	1.05392	1.05392	0.583071	0.850896	-1.17523	0.69065	0.890016	-1.12358	0.327256	0.744853	-1.34255
cg07066067	KCTD5	0.0381174	0.18995	0.845272	-1.18305	0.0149292	1.43683	1.43683	0.562257	0.931512	-1.07352	0.565415	1.0729	1.0729	0.582438	1.06955	1.06955
cg15157024	KCTD6	0.026794	0.032183	0.3054	-3.27439	0.00240881	0.135558	-7.37691	0.0886978	0.411578	-2.42967	0.603579	0.780626	-1.28102	0.0263251	0.287802	-3.47461
cg16984019	KCTD6;KCTD6	0.00182914	0.46146	1.04612	1.04612	0.00473431	0.798004	-1.25313	0.00018294	0.683571	-1.46291	0.159661	0.913595	-1.09458	0.0954098	1.11647	1.11647
cg26293920	KCTD6;KCTD6	0.0378344	0.0731144	0.486991	-2.05343	0.54899	1.24394	1.24394	0.0552171	2.18672	2.18672	0.0817609	2.00244	2.00244	0.062972	0.470952	-2.12336
cg16466635	KCTD7;KCTD7	0.00559156	0.760824	0.983318	-1.01696	0.00929029	1.19943	1.19943	0.655104	0.975532	-1.02508	0.199583	0.928046	-1.07753	0.00204173	0.786997	-1.27065
cg09996344	KCTD7;KCTD7	0.025685	0.826195	0.962202	-1.03928	0.462205	1.14011	1.14011	0.0586203	1.45395	1.45395	0.00212057	0.469164	-2.13145	0.961701	1.00845	1.00845
cg05157299	KCTD7;KCTD7;KCTD7;KCTD7	0.0145273	0.00943869	0.31711	-3.15348	0.365859	0.723013	-1.3831	0.491029	1.27659	1.27659	0.0817582	0.505988	-1.96083	0.00265327	0.23425	-4.26895
cg02774070	KCTD7;KCTD7;KCTD7;KCTD7	0.0231989	0.398722	0.852985	-1.17235	0.546222	1.11895	1.11895	0.142573	1.33653	1.33653	0.962863	1.00861	1.00861	0.492184	0.879514	-1.13699
cg03836414	KCTD8	0.000720196	0.299275	0.899414	-1.11183	0.0188129	0.755435	-1.32374	0.0293641	1.28773	1.28773	0.000527762	0.587366	-1.70252	0.0264987	0.771663	-1.2959
cg11258164	KCTD8	0.00104727	0.928413	1.02429	1.02429	0.160053	1.49325	1.49325	0.824282	1.0612	1.0612	0.64238	1.13306	1.13306	0.1402	0.654484	-1.52792
cg01342746	KCTD8	0.00401788	0.223874	0.799479	-1.25082	0.366778	1.17631	1.17631	4.55E-05	3.85825	3.85825	0.913574	1.0192	1.0192	0.833506	1.03755	1.03755
cg03159947	KCTD8	0.0043452	0.917215	0.968354	-1.03268	0.520978	0.817731	-1.2229	0.0538427	0.508103	-1.9681	0.0093396	0.360703	-2.77237	0.0002345	0.151591	-6.5967
cg20646280	KCTD8	0.020101	0.51718	0.910472	-1.09833	0.0122922	0.640599	-1.56104	0.407228	0.885957	-1.12872	0.0213173	1.4847	1.4847	0.56685	1.08619	1.08619
cg24785433	KCTD9	0.000106754	0.00412469	0.657499	-1.52091	0.699596	1.04317	1.04317	0.0153867	0.723135	-1.38287	0.0610733	1.25869	1.25869	0.000183005	0.501846	-1.99264
cg00685971	KCTD9	0.000260519	0.000152088	0.111583	-8.9619	0.000395615	0.148951	-6.71363	0.0080854	0.318306	-3.14163	0.0216359	0.394262	-2.53639	0.000181682	0.118	-8.4746
cg22852235	KCTD9	0.00821353	0.228096	0.780081	-1.28192	0.00148362	0.406594	-2.45946	0.00239045	0.43565	-2.29542	0.73388	0.935204	-1.06929	0.493867	1.14614	1.14614
cg07149772	KCTD9	0.0220853	0.00159106	0.159685	-6.26231	0.825714	0.91459	-1.09339	0.436711	0.725277	-1.37878	0.466224	0.740689	-1.35009	0.00178301	0.165259	-6.0511
cg05593615	KCTD9	0.0324902	0.0425115	0.705064	-1.41831	0.154103	0.795913	-1.25642	0.0225492	0.664516	-1.50485	0.718472	0.947278	-1.05566	0.865027	0.974868	-1.02578
cg16450821	KCTD9;CDCA2	0.0051859	0.192501	0.89178	-1.12135	0.0027932	1.408	1.408	0.0845019	1.17169	1.17169	0.0376278	1.22171	1.22171	0.803471	1.02092	1.02092
cg17161883	KCTD9;CDCA2	0.00708127	0.357675	0.913427	-1.09478	0.000255085	1.78015	1.78015	0.0741045	1.20989	1.20989	0.747148	0.969508	-1.03145	0.734237	0.967906	-1.03316
cg14332079	KCTD9;CDCA2	0.030341	0.000505021	3.87652	3.87652	0.766202	0.928374	-1.07715	0.585571	0.871769	-1.14709	0.74886	0.923065	-1.08335	0.406414	0.809218	-1.23576
cg01076035	KCTD9;CDCA2	0.0361845	0.45292	1.13459	1.13459	0.627277	1.08416	1.08416	0.325327	1.18261	1.18261	0.0793086	1.37945	1.37945	0.604746	1.09005	1.09005
cg20050595	KDELC1	0.0339923	0.0403867	0.675798	-1.47973	0.0700076	0.715138	-1.39833	0.121241	0.757242	-1.32058	0.0176628	0.620232	-1.6123	0.00181174	0.479968	-2.08347
cg05139649	KDELC2	0.00157715	0.0130636	0.675721	-1.4799	0.29218	1.14928	1.14928	0.712181	1.04831	1.04831	0.00188571	0.57071	-1.7522	0.331174	0.880165	-1.13615

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01829829	0.00706639	2.92788	2.92788	0.0045524	3.20948	3.20948	0.0304298	2.19245	2.19245	0.057648	1.93951	1.93951	5.29744	7.98949	1.3406	1
cg16406186	0.748283	0.892172	-1.12086	0.429667	0.7515	-1.33067	0.0656981	2.07903	2.07903	0.0235731	0.383609	-2.60682	4.3434	8.6384	1.76787	1
cg14341520	0.00329306	1.62576	1.62576	0.0328172	1.35396	1.35396	0.722849	0.957701	-1.04417	0.684193	0.951579	-1.05088	8.24	1.92236	0.207375	1
cg08260622	0.17848	1.20302	1.20302	0.000950212	1.89071	1.89071	0.140957	0.814856	-1.22721	0.96308	0.994033	-1.006	7.60399	2.01344	0.235366	1
cg06169179	0.0794881	1.5216	1.5216	0.114862	1.44737	1.44737	0.412532	1.19802	1.19802	0.0780481	0.655583	-1.52536	7.49146	5.5177	0.654695	1
cg14403068	0.632894	1.0619	1.0619	0.0265326	1.38847	1.38847	0.0735407	0.77957	-1.28276	0.564116	1.07549	1.07549	3.40122	0.839159	0.219309	1
cg26428825	0.408291	1.12356	1.12356	0.00369335	1.71681	1.71681	0.538725	0.917838	-1.08952	0.479567	1.10407	1.10407	11.118	3.34099	0.267113	1
cg14253677	0.010485	0.455369	-2.19602	0.00519467	0.406259	-2.46148	0.926894	1.02266	1.02266	0.0832616	0.626093	-1.59721	4.02163	3.79839	0.839547	1
cg05887390	0.0104367	0.478391	-2.09034	0.000132583	0.219671	-4.55226	0.00349874	0.404169	-2.47421	0.00865592	0.465172	-2.14974	9.36758	7.75844	0.736198	1
cg19567740	0.0667516	2.88191	2.88191	0.00389312	0.135121	-7.40077	0.269597	0.553216	-1.80761	0.0663595	0.346337	-2.88736	4.49098	18.8607	3.73304	1
cg00139092	0.00540321	0.480895	-2.07946	2.97E-07	0.0495177	-20.1948	0.015303	0.55141	-1.81353	0.00120544	0.387504	-2.58062	40.136	25.4088	0.562726	1
cg01861634	0.0441134	0.610415	-1.63823	1.61E-06	0.0760639	-13.1468	0.619327	1.11281	1.11281	0.914661	0.977382	-1.02314	30.237	21.8132	0.641252	1
cg14361586	0.0669907	0.585662	-1.70747	4.50E-05	0.133732	-7.47764	0.989397	1.00347	1.00347	0.0486253	0.556048	-1.7984	10.0055	10.7592	0.955847	1
cg02067771	0.00666701	0.359313	-2.78309	0.00256585	0.296449	-3.37326	0.0940251	0.585458	-1.70807	0.0256848	0.462768	-2.16091	6.98634	9.35517	1.19028	1
cg22939733	0.0119697	0.399331	-2.50419	0.192018	0.667418	-1.49831	0.30871	1.36132	1.36132	0.74907	1.09851	1.09851	6.91888	9.39319	1.20677	1
cg18323749	0.352569	0.793287	-1.26058	0.379998	1.24359	1.24359	0.178989	0.7078	-1.41283	0.103448	1.53898	1.53898	5.4691	5.07593	0.824987	1
cg09982773	0.132044	3.03661	3.03661	0.00350316	14.9751	14.9751	0.00984247	9.29383	9.29383	0.185276	2.61147	2.61147	5.0913	37.6503	6.57335	1
cg16155175	0.106517	2.1276	2.1276	0.104493	2.1387	2.1387	0.00947992	4.08831	4.08831	0.0458444	2.6659	2.6659	5.01011	14.5614	2.58347	1
cg04729004	0.668746	1.25253	1.25253	0.0453336	3.32362	3.32362	0.0135275	4.94772	4.94772	0.223662	1.95189	1.95189	4.9625	21.5087	3.85267	1
cg07039423	0.28248	0.431874	-2.31549	0.564219	0.645179	-1.54996	0.201167	0.362442	-2.75906	0.97192	0.973885	-1.02682	4.67475	41.8462	7.95692	1
cg17533927	0.110443	3.1365	3.1365	0.0130919	7.5563	7.5563	0.022241	6.05465	6.05465	0.140561	2.83423	2.83423	4.40694	30.141	6.0795	1
cg07302677	0.186741	2.55701	2.55701	0.0333029	5.30553	5.30553	0.113478	3.17507	3.17507	0.321183	1.98881	1.98881	4.22636	30.1206	6.33497	1
cg23537419	0.0507576	0.331301	-3.0184	0.0329572	0.289975	-3.44857	0.0595056	0.347948	-2.87399	0.369714	0.633032	-1.5797	3.98893	15.5639	3.46823	1
cg12582654	0.0507684	10.444	10.444	0.00788681	36.3323	36.3323	0.0220967	18.047	18.047	0.0837605	7.51803	7.51803	3.86965	68.099	15.6429	1
cg20531550	0.125845	3.77977	3.77977	0.0139284	11.4569	11.4569	0.0147252	11.1337	11.1337	0.051948	5.9015	5.9015	3.82228	39.0128	9.0726	1
cg07293445	0.0696302	19.2409	19.2409	0.0124175	93.1712	93.1712	0.0363432	34.6712	34.6712	0.0556511	23.5749	23.5749	3.44308	115.803	29.8965	1
cg01900213	0.243656	0.744122	-1.34387	0.125017	0.668772	-1.49528	0.884186	1.03594	1.03594	0.0414441	0.565674	-1.7678	5.29342	4.92096	0.826344	1
cg20587236	0.0613196	0.328801	-3.04136	0.00875887	0.171764	-5.82193	0.192156	0.482699	-2.07168	0.0308514	0.262474	-3.80991	4.83517	21.3155	3.91859	1
cg26402410	0.282192	0.637446	-1.56876	0.00227313	0.179051	-5.585	0.622321	1.22146	1.22146	0.0127701	0.287518	-3.47805	3.86225	9.93085	2.28557	1
cg22714942	0.0817473	0.489772	-2.04177	0.00921412	0.294262	-3.39833	0.177042	0.58804	-1.70056	0.045979	0.42898	-2.33111	3.44677	7.47521	1.92779	1
cg00203617	0.15435	1.21206	1.21206	0.0805632	0.783116	-1.27695	0.178395	1.19765	1.19765	0.00312432	1.66489	1.66489	4.12121	1.03855	0.224001	1
cg08408988	0.721385	0.958374	-1.04343	0.231628	0.861596	-1.16064	0.362881	0.894905	-1.11744	0.031923	1.34785	1.34785	3.84622	0.858813	0.198478	1
cg07639694	0.277798	0.836219	-1.19586	0.120158	0.765535	-1.30628	0.112284	1.31524	1.31524	0.0169845	1.5862	1.5862	12.4149	4.93855	0.353594	1
cg26144202	0.478855	1.10311	1.10311	0.0358242	1.395	1.395	0.0136751	1.51539	1.51539	0.429654	1.11616	1.11616	8.31749	2.44757	0.261572	1
cg21507719	0.521569	1.11377	1.11377	0.00111787	2.21683	2.21683	0.321925	0.843906	-1.18497	0.520362	0.897567	-1.11412	8.12707	3.54074	0.387264	1
cg02676175	0.0398841	0.624667	-1.60085	0.000224866	3.3727	3.3727	0.0428953	1.58658	1.58658	0.0125996	1.84872	1.84872	17.4489	10.8432	0.552378	1
cg07148458	0.370143	1.32016	1.32016	0.18262	1.53242	1.53242	0.711766	0.89404	-1.11852	0.282045	1.40128	1.40128	9.12162	13.1584	1.28227	1
cg10055235	0.00272394	0.41277	-2.42266	0.000556617	3.14267	3.14267	0.00319569	2.36461	2.36461	0.0244629	0.563775	-1.77376	20.8352	15.0841	0.643528	1
cg25021575	0.393823	1.11768	1.11768	0.146172	1.21983	1.21983	0.0515931	1.32607	1.32607	0.581476	1.07349	1.07349	11.1112	2.85535	0.228426	1
cg11004501	0.00691777	0.284055	-3.52044	0.000808544	0.162091	-6.16936	0.768337	0.899108	-1.11221	0.326846	0.694565	-1.43975	10.1884	20.9199	1.82516	1
cg02722456	0.10921	0.559261	-1.78807	0.112305	0.562571	-1.77755	0.871421	1.05537	1.05537	0.299222	0.699087	-1.43044	4.8943	8.58122	1.5585	1
cg00931644	0.636394	0.828432	-1.2071	0.180226	0.569801	-1.755	0.407089	0.715199	-1.39821	0.402287	1.40326	1.40326	3.9211	9.70161	2.1993	1
cg02481778	0.0542825	0.547738	-1.82569	0.0365877	1.95326	1.95326	0.0492322	1.85646	1.85646	0.124722	1.58106	1.58106	3.74393	4.50438	1.06944	1
cg27337803	0.377598	1.07637	1.07637	0.0133869	1.28276	1.28276	0.40859	1.07113	1.07113	0.00302542	0.718659	-1.39148	11.1698	1.16905	0.0930325	1
cg26753484	0.0634533	0.570369	-1.75325	0.000135317	0.169004	-5.91703	0.470435	1.2184	1.2184	0.173963	0.677647	-1.47569	10.7156	12.2833	1.01894	1
cg02747254	0.00255509	2.88325	2.88325	0.366214	0.790637	-1.2648	0.807309	0.940037	-1.06379	0.0211549	2.01666	2.01666	8.62934	8.75175	0.901498	1
cg17415239	0.897151	1.00772	1.00772	0.0746724	0.888632	-1.12533	0.000295027	1.4199	1.4199	0.0342309	1.15825	1.15825	8.60152	0.481725	0.0497819	1
cg07664915	0.309301	1.22918	1.22918	0.0116103	1.85664	1.85664	0.795018	0.950221	-1.05239	0.974563	0.993766	-1.00627	3.80592	2.31843	0.54148	1
cg01486387	0.495563	1.13715	1.13715	0.0094643	0.542948	-1.8418	0.900704	1.02346	1.02346	0.967174	1.00767	1.00767	3.51597	1.92108	0.485677	1
cg05197560	?	?	?	0.340251	0.69691	-1.43491	0.00938237	0.208992	-4.78487	0.00580883	0.166534	-6.00479	15.9828	15.4473	0.773193	1
cg27283913	0.180226	0.74913	-1.33488	0.0139171	0.539738	-1.85275	0.0469137	1.58674	1.58674	0.027231	1.69966	1.69966	3.95144	2.57821	0.579976	1
cg24073311	0.0135094	1.38183	1.38183	0.00142453	1.62931	1.62931	0.0922457	0.821985	-1.21657	0.276648	1.12715	1.12715	10.1662	1.80166	0.157529	1
cg17260124	0.289688	1.16483	1.16483	0.00225284	1.81048	1.81048	0.784206	1.03885	1.03885	0.0120803	1.54415	1.54415	9.91796	3.02776	0.27136	1
cg17272843	0.016372	3.53415	3.53415	0.000322636	12.2179	12.2179	0.00189781	6.64212	6.64212	0.0141379	3.67966	3.67966	8.17562	23.9682	2.60593	1
cg12362404	0.107479	1.28993	1.28993	0.00024879	2.40195	2.40195	0.022786	1.48428	1.48428	0.0183023	1.51435	1.51435	7.7213	2.56833	0.295671	1
cg16769152	0.025375	10.6467	10.6467	0.00384004	32.0717	32.0717	0.00600998	24.4101	24.4101	0.030664	9.58174	9.58174	4.92205	61.7497	11.1516	1
cg15778054	0.0325808	5.49882	5.49882	0.0103336	9.03963	9.03963	0.0120157	8.45623	8.45623	0.0474561	4.68887	4.68887	4.46954	32.8725	6.53758	1
cg11550547	0.560235	1.35951	1.35951	0.165346	2.1632	2.1632	0.278098	1.80055	1.80055	0.758021	1.17484	1.17484	3.64164	15.6812	3.82764	1
cg26149738	0.157359	1.16918	1.16918	5.03E-07	0.234091	-4.27184	0.0084874	0.706595	-1.41524	0.0292442	1.30412	1.30412	32.7136	5.53613	0.150427	1
cg14608758	0.33551	0.72558	-1.37821	0.669948	0.870675	-1.14853	0.0578405	0.500218	-1.99913	0.0108886	0.356099	-2.80821	7.74157	12.792	1.46878	1
cg00998135	0.0492489	0.338546	-2.95381	0.0039259	0.153677	-6.50717	0.695905	1.2087	1.2087	0.351611	0.62965	-1.58818	6.05046	22.3147	3.27831	1
cg13613853	0.00785536	0.56348	-1.77468	0.0186445	0.619038	-1.61541	0.328662	1.18477	1.18477	0.0948822	1.36162	1.36162	4.36735	1.95624	0.398155	1
cg04566826	0.546566	0.756317	-1.3222	0.00725072	0.204806	-4.88267	0.748914	0.863297	-1.15835	0.355225	0.647049	-1.54548	3.67343	12.1905	2.94982	1
cg14266436	0.226971	1.19427	1.19427	0.0026201	1.79167	1.79167	0.349135	0.873804	-1.14442	0.601673	1.0765	1.0765	3.49524	1.08437	0.275771	1
cg22174841	0.0788288	1.80068	1.80068	0.00833495	0.362008	-2.76237	0.872997	0.952934	-1.04939	0.481739	0.806148	-1.24047	12.9443	18.6179	1.2785	1
cg12804484	0.000162798	0.424098	-2.35795	0.128258	0.833876	-1.19922	0.381804	0.907372	-1.10208	0.313794	0.892938	-1.1199	14.4991	1.96145	0.115955	1
cg18991165	0.0430386	2.29435	2.29435	0.255836	1.5267	1.5267	0.600294	0.828128	-1.20754	0.93597	0.971747	-1.02907	5.25577	10.5908	1.79119	1
cg25891639	0.228192	0.898577	-1.11287	0.000756047	0.649326	-1.54006	0.184102	0.887688	-1.12652	0.313556	1.09213	1.09213	4.74721	0.537517	0.100647	1
cg12456778	0.911554	0.931148	-1.07394	0.0270623	0.186321	-5.36708	0.518706	0.65703	-1.522	0.101873	0.316762	-3.15695	3.47388	22.6776	5.80269	1
cg03982568	0.308413	1.35399	1.35399	0.022209	2.19904	2.19904	0.247205	0.706232	-1.41597	0.0168733	0.432573	-2.31175	4.64285	6.07644	1.16335	1
cg22229142	0.0256513	0.519897	-1.92346	0.000128557	0.193439	-5.16958	0.0295482	0.531374	-1.88191	0.187178	0.708232	-1.41197	11.2453	10.8455	0.857282	1
cg02165713	0.371519	0.923215	-1.08317	0.423279	0.931263	-1.07381	0.00476836	1.38578	1.38578	0.0800645	1.18423	1.18423	6.27258	0.753176	0.106733	1
cg25061914	0.0265732	2.42222	2.42222	0.00445021	0.278858	-3.58606	0.521434	1.24447	1.24447	0.795966	1.09112	1.09112	4.15444	7.45285	1.59462	1
cg20011794	0.00147304	0.669298	-1.4941	0.0103621	0.753902	-1.32643	0.801036	1.02234	1.02234	0.723929	0.96945	-1.03151	4.1085	0.498044	0.107754	1
cg14586373	0.370984	0.689359	-1.45062	0.687043	0.848741	-1.17822	0.0152925	0.299433	-3.33965	0.0498962	0.404301	-2.4734	3.51694	9.13369	2.30849	1
cg22109240	0.0043663	0.580635	-1.72225	0.0159705	0.656249	-1.52381	0.00320277	0.562992	-1.77622	0.000144644	0.392792	-2.54588	17.682	5.70871	0.286982	1
cg11692073	0.00301435	0.621369	-1.60935	0.000937171	1.78188	1.78188	0.665817	0.950427	-1.05216	0.0315367	0.744492	-1.3432	7.62924	1.65432	0.192746	1
cg13433829	0.598873	1.21423	1.21423	0.476638	1.30297	1.30297	0.00473478	3.94339	3.94339	0.0101228	3.2752	3.2752	5.02935	10.6522	1.88267	1
cg11430659	0.342855	0.933342	-1.07142	0.000749017	0.696951	-1.43482	0.499761	1.04955	1.04955	0.767998	1.0211	1.0211	5.03175	0.397107	0.0701513	1
cg01083061	0.302172	0.911872	-1.09664	0.326306	0.916247	-1.09141	0.450985	1.06853	1.06853	0.0134337	1.30237	1.30237	3.57556	0.421843	0.104871	1
cg08128361	0.000210384	0.366256	-2.73033	0.0102351	0.607005	-1.64743	0.909813	1.01698	1.01698	0.52101	0.907694	-1.10169	13.9462	4.77263	0.266168	1
cg10215414	0.038033	0.476536	-2.09848	0.0300361	0.455422	-2.19577	0.803926	0.9262	-1.07968	0.0761336	0.544322	-1.83715	4.16827	6.27058	1.33721	1
cg10010004	0.570455	0.955485	-1.04659	0.269963	0.912814	-1.09551	0.173024	0.891234	-1.12204	0.838135	0.983887	-1.01638	3.945	0.39404	0.0887851	1
cg05176991	0.327919	1.15818	1.15818	0.0342916	0.698302	-1.43205	5.83E-09	36.8621	36.8621	0.406093	0.883735	-1.13156	77.6838	26.0179	0.297707	1
cg03740978	0.0220268	2.13877	2.13877	0.15585	0.656854	-1.52241	1.39E-07	98.3288	98.3288	0.422142	0.796946	-1.25479	35.795	43.4372	1.07867	1
cg16547027	0.762774	1.09218	1.09218	0.325322	0.743911	-1.34425	1.20E-05	14.7976	14.7976	0.343048	1.32913	1.32913	12.2421	16.4501	1.19443	1
cg12918961	0.0109471	1.27894	1.27894	0.000647041	0.658695	-1.51815	0.0288956	1.21705	1.21705	0.0143716	1.26087	1.26087	12.2096	1.04447	0.0665349	1
cg23777946	0.0918619	1.53876	1.53876	0.000209332	0.236843	-4.2222	0.0265889	1.8411	1.8411	0.396302	0.817317	-1.22351	7.60685	6.49742	0.759248	1
cg00868875	0.111547	0.466709	-2.14266	0.00528739	0.19859	-5.0355	0.000838722	9.10808	9.10808	0.398358	0.683731	-1.46256	6.97146	21.345	2.72157	1
cg24128943	0.0272851	0.429349	-2.32911	0.000886308	0.199447	-5.01387	0.00301279	0.268098	-3.72998	0.108844	0.567771	-1.76127	6.88825	11.4299	1.47496	1
cg00044299	0.530733	0.721116	-1.38674	0.00110656	0.0841383	-11.8852	0.123344	0.423418	-2.36173	0.0996173	0.394865	-2.53251	5.41294	22.7256	3.7319	1
cg19738924	0.200431	0.579724	-1.72496	0.00528663	0.22714	-4.40258	0.0590792	0.423477	-2.3614	0.221244	0.595493	-1.67928	4.35028	11.1974	2.28795	1
cg05840573	0.284238	0.552208	-1.81091	0.00100412	0.0737834	-13.5532	0.698065	0.812128	-1.23133	0.0425738	0.287537	-3.47781	4.34785	19.6222	4.01163	1
cg27626185	0.552982	1.07321	1.07321	0.000417334	1.93257	1.93257	0.162397	1.19195	1.19195	0.53076	1.07762	1.07762	18.6252	4.08831	0.195115	1
cg14193156	0.213771	0.725799	-1.37779	0.00695257	0.42532	-2.35117	0.00324479	2.67194	2.67194	0.891049	0.967005	-1.03412	8.25145	7.83242	0.843749	1
cg09185884	0.623482	1.2694	1.2694	0.935408	1.03985	1.03985	0.00202182	8.16007	8.16007	0.101697	2.37214	2.37214	6.00233	22.0948	3.27204	1
cg06254425	0.696277	1.19147	1.19147	0.312612	0.627228	-1.59432	0.0057307	5.04035	5.04035	0.111419	2.16912	2.16912	5.82815	18.4084	2.80758	1
cg07392740	0.0435364	0.619866	-1.61325	0.639474	0.90736	-1.1021	0.202739	1.31928	1.31928	0.425102	0.845494	-1.18274	4.97882	3.34794	0.597722	1
cg26475911	0.193545	3.08471	3.08471	0.0476517	6.38856	6.38856	0.0065347	18.052	18.052	0.0821758	4.83922	4.83922	4.91053	52.1399	9.4382	1
cg10016358	0.455327	0.730892	-1.36819	0.0872618	0.459144	-2.17797	0.135094	1.94274	1.94274	0.346667	0.670641	-1.49111	3.6164	9.73488	2.39277	1
cg16089347	0.882998	1.02251	1.02251	0.21762	0.821968	-1.21659	0.148766	1.26375	1.26375	0.0522248	0.716227	-1.3962	5.64642	2.04324	0.321657	1
cg18089747	0.067864	0.696854	-1.43502	0.00451031	1.95126	1.95126	0.399002	1.16473	1.16473	0.950143	0.989018	-1.0111	4.90012	2.42039	0.439063	1
cg10819617	?	?	?	3.45E-05	0.363047	-2.75447	0.0251375	1.4005	1.4005	0.232571	1.17153	1.17153	15.622	3.51738	0.225155	1
cg19646445	?	?	?	0.206876	1.40168	1.40168	0.168757	1.45264	1.45264	0.0312868	0.51295	-1.94951	28.7903	23.895	0.622474	1
cg12133444	0.181509	0.631304	-1.58402	0.903035	1.04032	1.04032	0.359445	1.35739	1.35739	0.194992	1.55976	1.55976	4.56318	7.60027	1.4805	1
cg23923495	0.251921	0.803979	-1.24381	0.371486	0.845966	-1.18208	0.104429	1.38205	1.38205	0.790862	1.04964	1.04964	3.39494	1.7868	0.467833	1
cg04439215	0.191338	0.68975	-1.4498	0.0509594	0.550504	-1.81652	0.0413221	0.531595	-1.88113	0.435508	1.23814	1.23814	6.03959	6.89532	1.01483	1
cg02969426	0.731088	0.965632	-1.03559	0.746339	0.967634	-1.03345	0.213076	0.87553	-1.14217	0.000973264	0.608071	-1.64455	4.63113	0.753713	0.144666	1
cg01831107	0.00732414	0.74677	-1.3391	0.0187274	0.786147	-1.27203	0.00452867	0.726549	-1.37637	0.240592	1.10934	1.10934	68.6431	7.75443	0.100415	1
cg06057750	0.143895	0.703156	-1.42216	0.000209694	0.248881	-4.01798	0.985479	0.995926	-1.00409	0.000317312	0.27034	-3.69905	20.6811	16.4781	0.708239	1
cg04047483	0.0285938	1.9613	1.9613	0.00156261	0.305618	-3.27206	0.00645188	0.397004	-2.51887	0.621184	0.878169	-1.13873	12.9449	13.9454	0.957591	1
cg08324742	0.0116012	0.411688	-2.42902	0.00927367	0.395132	-2.5308	0.612636	0.866237	-1.15442	0.128588	0.630053	-1.58717	7.94893	9.95801	1.11355	1
cg05681670	0.80634	0.941366	-1.06229	0.0154544	0.481465	-2.077	0.457537	0.830178	-1.20456	0.0416095	0.561073	-1.7823	6.47253	6.20389	0.851996	1
cg01248460	0.979881	1.00413	1.00413	0.00568846	0.552804	-1.80896	0.230351	0.814112	-1.22833	0.0279409	0.654121	-1.52877	5.79806	2.45266	0.376013	1
cg00563300	0.00129339	0.389022	-2.57055	0.0351004	1.63951	1.63951	0.681778	1.08657	1.08657	0.700865	1.08084	1.08084	5.67899	3.64792	0.57098	1
cg20722469	0.103549	0.84838	-1.17872	0.0531603	0.81635	-1.22496	0.375209	0.919379	-1.08769	0.0500604	1.22919	1.22919	4.17747	0.564363	0.120086	1
cg06833320	0.111258	0.84196	-1.18771	0.152212	0.858917	-1.16426	0.545165	0.941089	-1.0626	0.00906924	0.71977	-1.38933	4.02854	0.627339	0.138421	1
cg00615811	0.42944	1.26483	1.26483	0.00331819	0.312009	-3.20503	0.117676	1.64037	1.64037	0.10612	1.67203	1.67203	3.86784	5.19707	1.19437	1
cg07066067	0.0136867	1.44656	1.44656	0.00869833	1.4991	1.4991	0.77666	0.966148	-1.03504	0.885975	1.01753	1.01753	3.7489	0.870548	0.206412	1
cg15157024	0.0585281	0.364074	-2.7467	0.00842427	0.203786	-4.90711	0.309903	0.608502	-1.64338	0.555358	0.754268	-1.32579	4.25307	15.0547	3.14643	1
cg16984019	0.0391508	1.15437	1.15437	0.120497	1.10659	1.10659	0.282195	1.06952	1.06952	0.0213553	0.846755	-1.18098	9.89556	0.566835	0.0509171	1
cg26293920	0.368431	1.39453	1.39453	0.0283504	0.393889	-2.53879	0.757029	0.894297	-1.1182	0.0614228	0.468333	-2.13523	3.75913	7.71529	1.82437	1
cg16466635	0.270515	0.938742	-1.06526	0.00554194	0.81806	-1.2224	0.0762792	1.1148	1.1148	0.062696	1.12233	1.12233	7.0915	0.340986	0.0427412	1
cg09996344	0.056343	0.68482	-1.46024	0.0697441	1.42667	1.42667	0.647376	0.92248	-1.08403	0.49387	0.885388	-1.12945	4.3164	2.09851	0.432152	1
cg05157299	0.0858504	0.515464	-1.94	0.708681	0.877198	-1.13999	0.0682714	2.03941	2.03941	0.139629	1.74179	1.74179	5.23577	10.1056	1.71565	1
cg02774070	0.887409	0.974264	-1.02642	0.000541957	0.371671	-2.69055	0.375618	1.18217	1.18217	0.413059	1.16651	1.16651	4.47156	2.39881	0.476854	1
cg03836414	0.00185975	0.647169	-1.54519	0.000109171	0.5109	-1.95733	0.225042	1.1338	1.1338	0.800294	0.97533	-1.02529	12.9076	1.98516	0.136709	1
cg11258164	0.67275	0.89272	-1.12017	1.28E-05	0.0863883	-11.5756	0.487104	1.20756	1.20756	0.265986	1.3629	1.3629	11.6133	13.1241	1.00452	1
cg01342746	0.853653	1.03287	1.03287	0.818914	1.04098	1.04098	0.101571	1.36881	1.36881	0.350115	1.18346	1.18346	7.84194	3.80969	0.43183	1
cg03159947	0.0784852	0.546347	-1.83034	0.545426	1.20836	1.20836	0.0056736	0.325517	-3.07204	0.2049	1.51243	1.51243	7.65855	11.6034	1.34674	1
cg20646280	0.0347116	1.42136	1.42136	0.113913	0.782205	-1.27844	0.0203467	1.49095	1.49095	0.474036	1.10959	1.10959	4.69652	1.51734	0.28718	1
cg24785433	0.0644478	0.797376	-1.25411	0.273474	0.883185	-1.13227	3.08E-06	0.298495	-3.35014	0.00419996	0.658396	-1.51884	21.7566	4.09389	0.16726	1
cg00685971	0.000388148	0.148136	-6.75056	0.000244974	0.129329	-7.73222	0.44466	0.768754	-1.30081	0.000681992	0.173492	-5.76395	17.0968	30.8431	1.60359	1
cg22852235	0.0840368	1.45542	1.45542	0.0508282	1.54771	1.54771	0.532786	0.883355	-1.13205	0.607298	0.903239	-1.10713	6.29173	3.84039	0.542566	1
cg07149772	0.131249	0.517048	-1.93406	0.25197	0.616025	-1.62331	0.869358	0.935534	-1.06891	0.33474	0.668495	-1.4959	4.5479	11.8043	2.30716	1
cg05593615	0.825236	1.03364	1.03364	0.0139907	1.57468	1.57468	0.0262984	0.674186	-1.48327	0.491253	1.11026	1.11026	3.97218	1.40818	0.31512	1
cg16450821	0.0118137	1.29829	1.29829	0.0036223	0.721133	-1.38671	0.123394	0.870595	-1.14864	0.91729	1.00866	1.00866	7.25718	0.792485	0.0970668	1
cg17161883	0.733457	1.03326	1.03326	0.00805293	1.38396	1.38396	0.398364	1.0863	1.0863	0.028764	1.28004	1.28004	6.59134	0.956641	0.12901	1
cg14332079	0.964917	1.01102	1.01102	0.509224	1.18162	1.18162	0.984815	1.00475	1.00475	0.271574	1.33011	1.33011	4.07045	4.00471	0.874532	1
cg01076035	0.00156136	0.472033	-2.11849	0.302274	1.19301	1.19301	0.498398	0.892703	-1.12019	0.361693	0.856553	-1.16747	3.82073	1.65029	0.383937	1
cg20050595	0.114432	0.752642	-1.32865	0.513117	0.896039	-1.11602	0.0610428	0.705113	-1.41821	0.163152	0.781645	-1.27935	3.90816	1.69547	0.385625	1
cg05139649	0.635618	1.06265	1.06265	0.000254017	0.464205	-2.15422	0.00108898	0.541378	-1.84714	0.00788689	0.647973	-1.54327	10.3292	2.65146	0.228174	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	F(Error
cg18014257	KDELC2	0.00397662	0.601632	1.06994	0.156694	1.0167203	0.43231	1.43231	0.661442	1.0557	1.0557	0.9193437	0.9876133	-1.012252	1.012655	1.04655	1.04655	0.0790393	1.78671	-1.27212	0.00116309	0.575017	-1.73909	0.07092119	1.2817	1.2817	0.00101385	1.82159	1.82159	7.88637	1.885	0.213003	1
cg14473297	KDELC2	0.00482357	0.0442869	2.32568	2.32568	0.00118159	5.684999	5.684999	0.12028	1.85082	1.85082	0.0896367	1.98095	1.98095	0.454378	1.321	1.321	0.531889	1.26025	1.26025	0.00420089	1.70911	1.70911	0.00240705	4.68501	4.68501	0.13984	1.78664	1.78664	7.41943	1.55815	1.87874	1
cg08376848	KDELC2	0.0136591	0.990559	0.998923	-1.00108	0.116715	1.167961	1.167961	0.0226055	1.28236	1.28236	0.260286	1.11289	1.11289	0.0687257	1.20393	1.20393	0.0455607	0.811507	-1.23228	0.00916929	0.73976	-1.35179	0.02976355	1.26238	1.26238	0.0594274	1.21389	1.21389	5.34296	0.702212	0.116825	1
cg07245437	KDELC2	0.023143	?	?	?	?	3.36939	3.36939	0.00376107	0.0969828	-10.3111	0.507308	4.49378	4.49378	0.01590039	0.172016	5.81342	?	?	?	0.01936345	?	0.332883	-3.00406	0.895471	0.924576	-1.08158	?	?	4.78226	17.9709	5.01045	1
cg18678185	KDELC2	0.00104896	0.509691	0.884228	-1.13093	0.0313281	2.36126	2.36126	0.341314	0.834945	-1.19768	0.140811	0.747192	-1.33824	0.0337322	0.486512	-2.05545	0.0012444	2.38183	2.38183	0.861804	0.968454	-1.03257	0.295838	0.819199	-1.2207	0.000778578	0.5748	2.5478	11.608	6.222157	0.476466	1
cg19033838	KDELC2	0.00129999	0.0203117	0.64057	-1.56209	0.0270111	1.51809	1.51809	0.1308	0.650064	0.929948	-1.07533	0.999974	0.871652	-1.14725	0.771704	1.04748	1.04748	0.998091	1.0002	1.0002	2.15E-05	0.255995	-3.90633	0.295314	0.841113	-1.1889	0.692888	0.938151	-1.06552	10.9191	4.39569	0.357839	1
cg26309311	KDELR1	0.00761558	0.00337861	0.313119	-3.19368	0.519052	0.826611	-1.20976	0.225623	0.690254	-1.44874	0.159382	1.5497	1.5497	0.00144609	0.261579	-3.82294	0.549339	0.836921	-1.19486	0.00276971	0.300541	-3.32734	0.588728	1.17236	1.17236	0.240731	0.699223	-1.43016	6.443305	8.65948	1.19467	1
cg01044695	KDELR1	0.0194043	0.802436	0.961136	-1.04054	0.0738548	0.554496	-1.80182	0.558353	1.18955	1.18955	0.0100488	0.372091	-2.68751	0.700839	1.11986	1.11986	0.350268	1.82712	1.82712	0.00910642	0.545103	-1.83452	0.5030089	0.924928	-1.08125	0.0872391	1.75421	1.75421	5.29094	7.04556	1.01571	1
cg14525458	KDELR1	0.036807	0.0370983	0.577911	-1.73037	0.0375437	0.758883	-1.31766	0.544794	0.85034	-1.14898	0.344238	0.981948	-1.01794	0.932853	1.072348	1.072348	0.115577	0.678733	-1.47333	0.011716	0.480965	-2.04096	0.0727461	0.615396	-1.62482	0.0148815	0.838636	1.192441	3.79709	3.08631	0.7224497	1
cg10308835	KDELR1;KDELR1	0.00935654	0.187886	1.98326	1.98326	0.819185	0.893731	-1.11891	0.944207	1.03494	1.03494	0.265976	0.56621	-1.76607	0.000153888	0.0414664	-24.1159	0.762395	1.16043	1.16043	0.069176	0.368736	-2.71197	0.587577	0.764375	-1.30826	0.870987	1.08302	1.08302	6.037337	23.0219	3.38954	1
cg01744666	KDELR1;KDELR2	0.00119852	0.0178808	1.83977	1.83977	0.0180515	0.288189	-2.78189	0.0213859	0.0115257	0.542175	-1.84442	0.0347577	0.980696	-1.01906	0.979149	-1.02122	0.712766	1.08115	1.08115	4.15E-05	0.13992	-5.19696	0.0633151	0.924578	-1.08151	0.0318419	0.592836	-1.68681	21.0921	14.8753	0.626895	1
cg25909811	KDELR2;KDELR2	0.0018072	0.752011	0.957457	-1.04443	0.462537	1.10801	1.10801	0.0190008	1.47617	1.47617	0.0202963	1.46775	1.46775	0.00537059	1.65326	1.65326	0.128435	1.25278	1.25278	0.000260822	0.438908	-2.27838	0.424822	0.693257	-1.44247	0.620838	1.07078	1.07078	9.93027	2.95795	0.264775	1
cg00636000	KDELR2;KDELR2	0.00268286	0.0111812	0.391851	-2.55473	0.0205259	0.205548	4.98434	0.0944488	0.538794	1.92776	0.397471	0.772352	-1.29509	0.0109045	0.430086	-2.32512	0.0187724	0.42871	-2.33258	0.000402887	0.188773	-5.26912	0.469907	0.814546	-1.22768	0.0232288	0.442575	2.2595	8.00002	11.2804	1.24559	1
cg08622675	KDELR2;KDELR2	0.00473236	0.937909	0.976557	-1.02403	0.817577	0.931991	-1.07297	0.422951	1.28302	1.28302	0.1919388	1.30609	1.30609	0.548423	0.843183	1.2031	0.0176191	0.415085	-2.40914	0.424E-05	0.116115	-8.61214	0.62248	1.16312	1.16312	0.183497	0.650571	-1.53678	7.462684	10.9583	1.30526	1
cg26780042	KDELR2;KDELR2	0.0048228	0.588606	0.885736	-1.129	0.00827803	0.211745	2.66118	0.908047	-1.10126	0.962457	1.02851	0.916101	0.0601607	0.625521	-1.59867	0.212872	0.749948	-1.33343	0.00133156	0.354599	-2.82009	0.0083631	2.11527	2.11527	0.02931	0.565263	-1.76909	7.41979	5.80205	0.695084	1
cg01080424	KDELR2;KDELR2	0.00824307	0.8056339	1.1015	1.1015	0.0180355	1.18305	1.18305	0.757797	1.12932	1.12932	0.262975	1.58226	1.58226	0.00773621	2.50251	2.50251	0.0913582	1.33852	1.33852	0.00108017	0.330343	-3.02716	0.00385398	0.5063	-1.97511	0.0177138	0.604037	-1.65555	8.907544	4.30997	0.430035	1
cg18676884	KDELR3;KDELR3	0.00644174	0.00209173	0.422729	-2.36558	0.950266	0.987672	-1.01248	0.0316772	0.605967	-1.65026	0.0701197	0.668527	-1.49583	0.00123673	0.390974	-2.55772	0.188335	0.757894	-1.31945	0.00228205	0.428091	-2.33595	0.0160019	0.556292	-1.79762	0.0696713	0.667096	-1.49702	6.7883	4.25214	0.556793	1
cg07586819	KDELR3;KDELR3	0.0143559	0.635851	0.90199	-1.10854	0.230956	0.698172	-1.43121	0.765092	1.05509	1.05509	0.0154106	0.599546	-1.66753	0.0144206	0.596564	-1.67605	0.109404	0.740586	-1.35026	0.018897	0.3104	-3.22134	0.0615431	0.5004	-1.99841	0.0138419	0.592836	-1.68681	21.0921	14.8753	0.626895	1
cg17159837	KDELR3;KDELR3;KDELR3;KDELR3	0.00224347	0.465825	0.778333	-1.2848	?	?	?	?	0.0153109	0.655664	0.859897	-1.16293	0.673396	0.867151	-1.1532	0.000315678	0.0973611	-10.2702	0.000315678	0.097611	-10.2702	0.119948	0.558093	-1.79182	0.0349939	2.39423	2.39423	0.0183958	2.809	2.809	0.00242573	0.03745	0.01743	14.2183	21.4623	1.13211	1
cg26662340	KDM1A	0.00041035	0.0277388	1.25164	1.25164	0.00241055	1.16303	1.16303	0.1625564	1.25164	1.25164	0.0110077	1.30219188	1.30219188	0.0129299	1.293232	1.293232	0.0110077	1.30219188	1.30219188	0.0129299	1.293232	0.0110398	1.268303	1.268303	3.72713	0.000147417	0.0676206	-14.7884	0.00143681	0.149281	-6.69876	0.00296837	0.185843	-5.38088	11.1032	29.9534	2.39799	1
cg26838715	KDM1A;KDM1A	0.00540155	0.596387	1.03078	1.03078	0.1664018	0.713783	-1.40057	0.00487828	1.23572	1.23572	0.0873467	1.113	1.113	0.502102	1.03958	1.03958	0.641172	0.973728	-1.02698	0.00115133	0.763246	-1.31122	0.5696982	1.03337	1.03337	0.00879439	0.827585	1.20833	7.16711	0.365199	0.0452932	1
cg23727558	KDM1A;KDM1A	0.0153214	0.93479	0.9762	-1.02463	0.712809	1.9564	1.9564	0.0013448	2.34985	2.34985	0.0014255	1.58226	1.58226	0.00773621	2.50251	2.50251	0.0913582	1.33852	1.33852	0.00108017	0.330343	-3.02716	0.00385398	0.5063	-1.97511	0.0177138	0.604037	-1.65555	8.907544	4.30997	0.430035	1
cg03967533	KDM1A;KDM1A	0.0204253	0.00805954	0.189723	-5.27083	0.301562	0.592027	-1.68911	0.292035	0.585425	-1.70816	0.836983	1.10617	1.10617	0.00733295	0.183989	-5.43512	0.515853	1.02599	1.02599	0.00864879	0.763079	-1.31048	0.931946	0.993124	-1.00692	0.0196538	1.25566	1.25566	3.65383	0.377598	0.0918605	1
cg20935895	KDM1B	0.0078678	0.199664	0.643394	-1.55426	0.8372888	0.496619	-2.01362	0.6838446	0.458807	-2.17936	0.0978464	0.553893	1.8054	0.00180823	0.371744	-2.69074	0.946418	0.984672	-1.01557	1.50E-06	0.0607509	-1.607	0.0295661	0.554453	-1.80358	56.086	21.823	0.743625	1
cg26950422	KDM1B	0.0434327	0.484826	2.82804	2.82804	0.0021565	0.541529	3.84662	0.568199	0.846265	-1.18166	0.213789	0.146054	3.49741	0.0139171	0.25731	-3.88527	0.159659	0.766425	1.30434	0.00180717	0.330343	-3.02716	0.00385398	0.5063	-1.97511	0.0177138	0.604037	-1.65555	8.907544	4.30997	0.430035	1
cg11007366	KDM1B;TPMT	0.00067029	0.330302	0.856292	-1.16783	0.00188872	0.506512	-1.97429	0.718829	0.945695	-1.05742	0.229134	0.65962	-1.51602	0.846518	0.970515	-1.03038	1.58E-05	0.252281	-3.96384	0.0230905	0.657327	-1.52131	0.562757	1.09458	1.09458	0.0030172	0.533694	-1.87373	13.1699	4.97492	0.335776	1
cg20434268	KDM1B;TPMT	0.0134447	0.7068144	0.93199	-1.07302	0.2288447	0.52172	-1.91572	0.7349525	1.06117	1.06117	0.2884976	0.769771	-1.29917	0.34554	0.8289375	-1.20611	0.27363	0.87883	-1.1378	0.4924635	0.5503188	-1.81731	0.7423464	1.10129	1.10129	0.963545	0.994983	-1.0053	0.1377723	1.19869	4.27113	0.860548	0.180666	1
cg15124342	KDM1B;TPMT;TPMT	0.037393	0.0498421	0.433114	-2.30886	0.984474	0.100731	1.00731	0.0185819	0.290808	?	0.0007	?	?	0.00401706	0.440548	0.720919	1.37548	0.0522233	0.437834	-2.28397	0.0635368	0.2619	2.1679	0.863197	0.940277	-1.06352	0.113225	1.9055	1.9055	3.83563	7.55492	1.96967	1
cg09993857	KDM2A;KDM2A	0.00387043	0.623134	1.09143	1.09143	0.0127567	1.16765	1.16765	0.0550597	1.27167	1.27167	0.0429299	1.29232	1.29232	0.0179393	0.151987	-6.57896	0.576064	1.1461	1.1461	0.0828	0.663694	-1.50673	0.516	0.40468	0.40468	0.0127878	1.27471	1.27471	5.98346	3.82146	0.639377	1
cg25597833	KDM2A;KDM2A	0.00194042	0.00105371	0.487683	-2.05051	0.0194277	1.52008	1.52008	0.00212825	0.527426	-1.896	0.576806	0.919845	-1.08714	0.0160943	1.54724	1.54724	0.455064	1.11936	1.11936	0.974836	0.995337	-1.00469	0.680658	0.940514	-1.06325	0.0046453	1.7471	1.7471	9.72718	3.38342	0.309184	1
cg09157485	KDM2A;KDM2A	0.0023424	0.0742361	1.79292	1.79292	0.0778726	1.77727	1.77727	0.257457	1.41575	1.41575	0.0170996	1.64813	1.64813	0.0112591	0.393815	-2.53927	0.281954	0.720234	-1.38844	0.00045417	0.56039	5.06039	0.009977441	4.218	4.218	0.505267	0.820029	-1.21947	0.206514	12.561	1.21276	1
cg05082368	KDM2A;KDM2A	0.00592272	0.0858393	1.32052	1.32052	0.0195744	1.74363	1.74363	0.0129285	0.7009	0.7009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.118707	2.70296	2.70296	0.027919	0.207131	-4.82725	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
cg15121288	KDM2A;KDM2A	0.00611541	0.852155	1.02647	1.02647	0.912711	-1.01548	1.01548	0.488773	1.10351	1.10351	0.00350552	0.574275	-1.74133	0.00794753	1.61065	1.61065	0.0288512	0.696163	-1.43644	0.0026207	1.79234	1.79234	0.407555	0.888117	-1.12598	0.998669	0.00023	1.00023	6.89844	2.14313	0.276149	1
cg20313272	KDM2A;KDM2A	0.0105634	0.395965	0.81394	-1.22855	0.0156358	0.604384	-1.6542	0.0137847	0.745549	-1.34159	0.0745043	0.740545	-1.72288	0.00605451	1.45101	0.00532337	0.380536	-2.62708	0.0013555	0.380536	-2.62708	0.203026	0.79587	-1.2564	0.0178097	0.790152	-1.26542	0.364357	0.90789	0.101197	0.0455168	0.435638	1.3	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634
cg01047218	KDM2A;KDM2A	0.0118295	0.843625	0.976696	-1.02386	0.10357	-1.23682	1.23682	0.00377845	1.97267	1.97267	0.916901	1.01254	1.01254	0.0482074	0.763713	1.30939	0.191357	0.847755	-1.17959	0.705492	0.955681	-1.04637	0.933929	1.00995	1.00995	0.350476	1.12158	1.12158	5.59441	1.26419	0.200686	1
cg03889662	KDM2A;KDM2A	0.01273193	0.700278	0.921722	-1.08493	0.0647412	0.645865	-1.54831	0.541232	1.13921	1.13921	0.471877	1.16674	1.16674	0.500012	0.86565	-1.1552	0.687496	1.08895	1.08895	0.000353908	0.288483	-3.35028	0.242946	0.772986	-1.29368	0.0185185	0.54779	-1.82552	5.46617	3.84448	0.625175	1
cg12889958	KDM2A;KDM2A	0.0135628	0.738604	0.94199	-1.06156	0.145574	0.479279	-2.08643	0.3934416	0.684384	-1.5242	0.0137847	0.745549	-1.34159	0.0745043	0.740545	-1.72288	0.0020304	0.79587	-1.2564	0.0178097	0.790152	-1.26542	0.364357	0.90789	0.101197	0.0455168	0.435638	1.3	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634	0.0145634
cg05743713	KDM2A;KDM2A	0.0188208	0.598665	1.048	1.048	0.0232787	0.05635	0.05635	0.600143	1.50227	1.50227	0.0164512	0.53935	0.53935	?	?	?	0.298434	2.2917	2.2917	0.0337449	0.73803	0.73803	0.0049948	17.439	17.439	0.215821	2.72453	2.72453	13.9583	31.5285	8.33463	1
cg00154721	KDM2A;KDM2A	0.00403085	0.0372367	0.683447	-1.46347	0.223408	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.010642	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0114612	0.0137894	0.0114612	0.0137894
cg00482193	KDM2A;KDM2A	0.00560781	0.39311	0.80015	-1.24977	0.0897156	0.620793	-1.61084	0.2220613	0.496726	-2.01317	0.0572188	0.577942	-1.73028	4.21E-05	0.137194	-7.28895	0.163917	0.656504	-1.52244	0.0014455	0.305233	-3.27541	0.0003557	0.1594	-6.27475	0.0001	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594	0.1594
cg01029621	KDM2A;KDM2A	0.00580494	0.219303	1.5718	1.5718	0.0111262	0.313218	0.0010212	0.5354	0.536219	0.257571	1.35263	1.35263	1.35263	0.564294	0.86867	-1.15118	0.052079	2.44023	2.44023	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.0013581
cg01243404	KDM2A;KDM2A	0.00096161	0.00801387	0.729719	-1.37039	0.0194641	0.769556	-1.29945	0.000509272	0.514587	-1.94354	0.0046399	0.708259	-1.41191	0.1654149	0.871706	-1.14718	0.0485357	1.23243	1.23243	0.000901571	0.581153	-1.72125	0.0702458	0.753638	-1.32693	0.0176691	0.746661	1.3393	13.031	1.77497	0.123076	1
cg12639558	KDM2A;KDM2A	0.00089312	0.00064289	0.300665	-3.32817	0.000668359	0.302653	3.30411	0.11989	0.678862	-1.47305	0.0109998	0.48079	-2.07991	0.000136801	0.219891	-4.54771	0.00251646	0.381697	-2.61988	0.00293087	0.391367	-2.55514	0.750285	0.929322	-1.07605	0.011653	0.488437	-2.06212	12.149	10.1399	0.743191	1
cg03014244	KDM2A;KDM2A	0.0074542	0.7643135	0.93495	-1.06969	0.1994745	0.588499	-1.69842	0.2788447	0.72572	-1.37772	0.2091	0.484728	2.06435	-1.07655	0.1455	-6.87313	0.417357	0.883483	-1.13167	0.3744246	0.5503188	-1.81731	0.7423464	1.10129	1.10129	0.963545	0.994983	-1.0053	0.1377723	1.19869	4.27113	0.860548	0.180666	1
cg09411874	KDM2A;KDM2A	0.00107358	0.00183285	0.46264	-2.16151	0.000443398	0.2643	2.6343	0.725156	0.940385	-1.06339	0.403071	0.16067	1.16067	0.000532739	0.391051	2.55721	0.104112	0.733878	-1.36262	0.084818	0.717577	-1.39358	0.03798221	0.657749	-1.52034	0.23964	4.807015	0.123913	11.5317	5.53791	0.426873	1
cg04586041	KDM2A;KDM2A	0.00107854	0.0422531	1.66251	1.66251	0.000458889	2.28463	2.28463	0.0205404	0.668148	-1.49236	0.470243	0.910218	-1.09854	0.000279297	1.29232	1.29232	0.0779393	0.515198	1.94044	0.000882395	0.317091	-3.15367	0.658807	-1.51772	0.0092176	0.546765	0.322871	1.1307	1.1307	0.1308571	1.23231	1.23231	0.0050798	0.632096	-1.58204	5.1656	2.05716	0.342048
cg02474126	KDM2A;KDM2A	0.00267875	0.687531	1.09765	1.09765	0.00793068	2.1914	2.1914	0.00387643	0.45074	-2.45074	0.484722	0.836514	-1.19544	0.000882395	0.317091	-3.15367	0.32701	1.02134	1.02134	0.0480704	0.18558	-5.38938	0.39536	1.22212	1.22212	0.0242515	1.85696	1.85696	8.85002	7.44284	0.747553	1
cg16837338	KDM2A;KDM2A	0.00474552	0.786972	1.08179	1.08179	0.698126	1.11977	1.11977	0.6254	0.85036	0.50536	0.0781122	1.76498	1.76498	0.463561	1.24129	1.24129	0.010982	2.52497	2.52497	0.0435573	1.25092	1.25092	0.806024	1.07402	1.07402	0.50144	1.219	1.219	7.45638	9.94861	1.18599	1
cg26995500	KDM2A;KDM2A	0.00587456	0.157839	1.36158	1.36158	0.0240145	0.0502	0.0502	0.0124856	0.0502	0.0502	0.0124856	0.0502	0.0502	0.0124856	0.0502	0.0502	0.250511	1.74845	1.74845	0.0141221	0.512318	0.512318	0.0124856	0.0502	0.0502	0.0124856	0.0502	0.0502	0.0124856	0.0502	0.0502	0.0124856	0.0502	0.0502	0.0124856	0.0502	0.0502	0.0124856	0.0502	0.0124856
cg15348430	KDM2B;KDM2B	0.00588228	?	?	?	?	0.525449	0.790122	-1.26563	0.27177	0.65781	-1.5202	0.447402	0.753146	-1.32776	8.78E-05	0.076251	0.174257	2.10425	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482	0.000482
cg01061032	KDM2B;KDM2B	0.00049774	0.0372409	-26.8522	0.0703087	-26.7235	-1.37012	0.00262329	0.00819531	-12.2021	0.0186091	0.18027	-5.54723	0.0089973	0.14106	-7.08918	0.676464	0.777359	-1.28641	0.0010196	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.410264	0.0013581	0.410264	0.0013581
cg17146617	KDM2B;KDM2B	0.00634075	0.844523	1.04406	1.04406	0.0131379	0.50902	-1.96456	?	?	?	?	0.198099	1.34808	1.34808	0.000208598	0.255995	-3.90633	0.296499	0.788453	-1.26831	0.505611	1.15988	1.64956	0.604256	0.90356	-1.10673	0.483695	0.85531	-1.16917	0.964478	0.72757	0.678783	1
cg23972735	KDM2B;KDM2B	0.00655771	0.205289	0.612216	-1.63341	0.0472524	0.434511	-2.30144	0.0172208	0.344522	-2.90258	0.840374	0.928628	-1.07686	0.000942772	0.163491	-6.11653	0.083567	0.779	-1.28361	0.0016599	0.431531	-2.31722	0.0337586	1.39856	1.39856	0.0746417	0.957049	-1.04483	2.92546	1.82535	0.25773	1
cg20878700	KDM2B;KDM2B	0.00484201	0.0795142	1.35435	1.35435	0.0269	1.97567	1.97567	0.0148347	1.11016	1.11016	0.0116	0.901275	0.901275	0.0308718	0.924615	-1.08157	0.0859	1.44131	1.44131	0.0165694	0.431531	-2.31722	0.0337586	1.39856	1.39856	0.0746417	0.957049	-1.04483	2.92546	1.82535	0.25773	1
cg08043998	KDM2B;KDM2B	0.00910455	0.813315	1.06307	1.06307	0.875524	0.960279	-1.04136	0.794323	0.934396	-1.07201	0.351701	0.780513	-1.28121	0.000100099	0.171661	-5.82543	0.824032	1.05927	1.05927	0.08	0.0053	0.99557	-1.00469	0.349762	1.28257	1.28257	0.262107	0.739089	-1.35302	6.09	6.64785	0.941119	1
cg20035546	KDM2B;KDM2B	0.00938111	0.04463299	1.59966	1.59966	0.0159496	1.31946	1.31946	0.0164582	1.34548	1.34548	0.0135452	1.10397	0.905821	0.0419744	1.34548	1.34548	0.0624645	0.636707	1.57054	0.0482307	0.777555	-1.28603	0.0144224	0.777555	-1.28603	0.0144224	0.777555	-1.28603	0.0144224	0.777555	-1.28603	0.0144224	0.777555	-1.28603	0.0144224	0.777555	-1.28603	0.0144224	0.777555	-1.28603	0.0144224
cg15237644	KDM2B;KDM2B	0.0109179	0.10306	0.420078	-2.38051	0.0149565	0.233354	-4.28534	0.765501	0.86461	-1.15659	0.074447	0.380374	-2.62899	0.002382021	0.127621	-7.83571	0.019962	0.119755	8.35039	0.0196036	0.253721	-3.94133	0.7978666	0.882656	-1.13294	0.0159882	0.238239	-4.19746	5.74637	21.5273	3.32999	1
cg12325601	KDM2B;KDM2B	0.011308	0.492915	0.901046	-1.10992	0.0038373	0.558136	-1.79168	0.0119729	0.625536	-1.59863	0.903454	0.982005	-1.01832	0.00428791	0.5646	-1.77117	0.313347	1.16888	1.16888	0.033963	1.44835	0.45819	0.893262	-1.11949	0.548089	0.913065	-1.09521	0.581669	2.04911	0.872458	0.355157	1
cg10704534	KDM2B;KDM2B	0.00482747	0.0960604	1.48181	1.48181	0.0167805	0.875733	-1.1419	0.1142594	0.875733	-1.1419	0.1142594	0.875733	-1.1415	0.1142594	0.875733	-1.1415	0.1142594	0.875733	-1.1415	0.1142594	0.875733	-1

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Probeset ID	UCSC_REFGENE_NAME KDM4C;KDM4C;KDM4C;KDM4C;KDM4	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1237 vs. N)	Fold-Change(1 vs.1237)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)	SS(Test)	SS(Error)	df
cg14497348	C4;KDM4C;KDM4C; KDM4C;KDM4C;KDM4C;KDM4	0.0170917	0.00659962	1.39212	1.39212	0.0794006	1.20039	1.20039	0.0858079	1.19493	1.19493	0.382023	0.919344	-1.08773	1.46793	1.07173	1.07173	0.55316	0.945282	-1.05789	0.6660276	0.82412	-1.21342	0.0119601	1.34198	1.34198	0.0176758	1.31084	1.31084	4.96504	0.691239	0.123864	1
cg01212158	C4;DM4C;KDM4C; KDM4C;KDM4C;KDM4C;KDM4	0.4411691	0.564725	0.884792	-1.13021	0.00235363	2.44079	2.44079	0.883121	1.03142	1.03142	0.835841	0.957309	-1.04459	0.319705	1.24137	1.24137	0.6891114	0.651794	-1.53423	0.815896	0.952144	-1.05026	0.64247	1.1033	1.1033	0.0447931	1.62307	1.62307	3.64419	2.55174	0.622419	1
cg14473811	C4;DM4C;KDM4C	0.0418419	0.0611916	0.851219	-1.17479	0.987658	0.99882	-1.00118	0.00453719	1.33472	1.33472	0.142899	0.88671	-1.12777	0.742952	1.02545	1.02545	0.197278	1.10969	1.10969	0.475009	0.946039	-1.05704	0.288984	1.08768	1.08768	0.0884689	1.15432	1.15432	3.62239	0.33451	0.0820846	1
cg23023599	KDM4D	0.0012353	0.0053073	0.531134	-1.88276	0.000251028	0.353462	-2.82916	0.0116306	0.5809	-1.72147	0.243745	0.810544	-1.23374	0.0250647	0.631905	-1.58252	0.155787	0.769863	-1.29893	0.00161609	2.17809	2.17809	0.0535184	0.685467	-1.45886	0.3770118	1.16896	1.16896	11.0796	5.20469	0.417561	1
cg18908807	KDM4D	0.0246798	0.0362453	0.511834	-1.95964	0.0158437	0.380327	-2.62932	0.0313584	0.499175	-2.00326	0.0119884	0.499175	-2.00326	0.0119884	0.499175	-2.00326	0.0165833	0.154416	-6.47902	0.00567606	0.0986251	-10.1394	0.708816	0.7870027	-1.2706	0.0631127	0.26028	-3.84201	4.3768	26.3521	5.73776	1
cg01508436	KDM4D;CWC15	0.7172022	0.1562	0.783551	-1.27624	0.0707473	0.722749	-1.38361	0.4898844	0.31939	-1.31939	0.582601	0.75035	0.0923523	0.708625	0.7081642	-1.41214	5.89E-05	0.302479	-3.30601	0.0253766	1.53315	1.53315	0.0573292	1.41303	1.41303	0.5926161	0.916818	1.09073	9.98675	0.08966	0.364008	1
cg05745632	KDM4D;CWC15;CWC15	3.70E-05	0.0901656	1.164	1.164	0.00457504	1.35936	1.35936	0.000376506	0.629876	-1.58761	5.71E-05	1.83562	1.83562	0.309811	1.08922	1.08922	0.199456	1.11655	1.11655	6.38E-06	0.440926	-2.26795	0.0122076	0.775747	-1.28908	0.809138	0.980514	-1.01987	28.8166	3.01802	0.0930953	1
cg04388472	KDM4D;CWC15;CWC15	0.0120657	0.0288612	0.859377	-1.16363	0.0144796	1.15548	1.15548	0.741783	0.980795	-1.01963	0.0260894	0.884246	1.48706	0.0179078	1.24666	1.24666	0.0123326	1.82625	-1.02032	0.0158406	0.833824	-1.19925	0.0572727	1.12489	1.12489	0.388642	1.05331	1.05331	5.63263	0.304486	0.048647	1
cg01663745	KDM4D;KDM4D;CWC15	0.0022029	0.0130995	0.596253	-1.67714	0.113046	0.748305	-1.33619	0.641194	0.92416	-1.08206	0.0032778	0.509967	-1.96091	0.0005019	0.338146	-2.9573	0.0052326	0.58348	-1.85708	0.957393	1.00902	0.556566	1.1059	1.10509	0.00433355	0.526919	-1.89783	0.26436	4.14332	0.397539	1
cg09037513	KDM4D;KDM4D;CWC15	0.0029233	0.0175627	0.779408	-1.2827	0.00016848	0.576408	-1.73495	0.0502852	0.80155	-1.24825	0.0138581	0.726227	1.26237	0.620311	1.04397	1.04397	0.576133	0.952503	-1.04987	0.152865	1.56417	1.56417	0.945513	0.994129	-1.00591	0.13791	1.14756	1.14756	3.64208	1.01608	0.104499	1
cg14462596	KDM4D;KDM4D;CWC15	0.0204792	0.462084	1.10103	1.10103	0.434005	0.902468	-1.10807	0.677664	0.94768	-1.05521	0.335767	1.13611	1.13611	0.00537427	0.624224	1.60199	0.0208078	0.699276	-1.43005	0.00257621	0.584369	-1.71125	0.747516	1.0424	1.0424	0.704955	0.95227	-1.05012	4.66682	1.22167	0.23269	1
cg25257018	KDM4DL	0.000181162	0.232142	0.834331	-1.19986	0.685911	1.0609	0.612334	0.107713	1.07713	0.885144	1.02636	3.74E-06	0.207749	-4.81349	0.000821807	0.480504	-2.08115	0.344636	1.15124	1.15124	0.0381142	0.706201	-1.41603	0.00199234	0.530091	-1.88674	0.187801	0.53853	0.929632	1.14946	1
cg25555590	KDM4DL	0.00546245	0.0798758	0.571032	-1.75132	0.871933	0.937619	-1.06653	0.0028923	1.26855	0.0329354	0.00229004	0.313237	1.32056	0.463499	0.807707	-1.23858	0.000266847	0.243158	-4.10918	0.372473	1.29905	1.29905	0.58304	0.853496	-1.17165	0.00394527	0.389869	-2.56498	0.39232	1.14946	1
cg24230102	KDM4DL;KDM4DL	0.00723616	0.957297	1.00977	1.00977	0.0375165	0.645256	-1.54977	0.0234252	0.611696	-1.6348	0.140224	1.33382	1.33382	0.000265791	0.372572	-2.96514	0.777956	0.949977	-1.05266	0.415439	1.16311	1.16311	0.887301	0.974588	-1.02607	0.316547	1.20679	1.20679	5.64696	3.41669	0.463888	1
cg19409026	KDM4DL;KDM4DL; KDM4DL;KDM4DL;KDM4DL;CCDC77;CCDC7	0.0152025	0.296347	0.65871	-1.51812	0.0122175	0.900078	-1.33246	0.0060153	0.25062	-3.9901	0.0213875	0.344368	-2.90387	0.0167866	0.324591	-3.08048	0.48324	0.759788	-1.31616	0.0015719	0.173656	-5.7585	0.257741	0.634232	-1.57671	0.16819	0.567675	-1.76157	5.15776	12.1425	2.09265	1
cg25716786	5A;CCDC77	0.0042006	0.0872881	0.846486	-1.18135	0.122573	1.15917	1.15917	0.109842	1.16634	1.16634	0.00301449	0.698379	-1.43189	0.0948785	1.1759	1.1759	0.103822	0.854680	-1.17002	0.8845741	1.18342	1.18342	0.000919145	0.645857	-1.54833	0.90049	0.989017	-1.0111	7.73737	0.955006	0.109714	1
cg02950740	KDM5A;CDCC77;CCDC77;KDM5A	0.0102395	0.0593393	1.69276	1.69276	0.0335701	1.38543	1.38543	0.0155995	1.46094	1.46094	0.0143787	1.11684	1.11684	0.0121881	1.54677	1.54677	0.892857	0.98136	-1.01899	0.15749	0.87621	1.14128	0.647334	1.06043	1.06043	0.00113869	1.95073	1.95073	1.84128	0.274467	1
cg24987648	KDM5A;CDCC77;CCDC77;KDM5A	0.0330079	0.0003404	0.6430665	-1.55505	0.0496189	1.90624	1.90624	0.0564741	1.45428	1.45428	0.534664	1.47524	1.47524	0.0364852	1.45428	1.45428	0.832508	0.852802	0.967875	-1.03319	0.832348	1.03745	1.03745	0.431901	1.14925	1.14925	0.0349536	1.53144	1.53144	0.717924	0.964994	1.34585	1.87969	0.42344	1
cg20324259	KDM5A;KDM5A	0.00477499	0.0038888318	2.09983	2.09983	0.410764	0.895554	-1.11663	0.0887422	0.6453	-1.54967	0.451217	1.10591	1.10591	0.000265586	0.455548	2.19709	0.229363	1.17589	1.17589	0.0930095	0.724525	1.27425	0.412534	0.809945	-1.11634	0.000727804	0.509777	-1.96164	14.4741	3.9428	0.242136	1
cg12601142	KDM5A;KDM5A	0.0054309	0.00682373	0.159062	-6.28687	0.0143057	0.205041	-4.87707	0.0135476	0.201316	-4.96731	0.348705	1.6588	1.6588	0.00163409	0.093779	-10.6634	0.007350957	0.163257	-6.12532	0.0194958	0.227371	-4.39809	0.323132	1.70807	1.70807	0.0466822	0.30275	-3.30306	7.15527	31.1856	3.87414	1
cg07271268	KDM5A;KDM5A;CCDC77;CCDC77 KDM5A;KDM5A;KDM5A;CCDC77	0.0150477	0.379521	0.892111	-1.12094	0.707844	1.04883	1.04883	0.26828	1.15722	1.15722	0.577633	0.93124	-1.07384	0.00472354	1.60856	1.60856	0.0109022	0.572867	-1.74561	0.534727	0.923468	-1.08287	0.969186	0.99512	-1.0049	0.0904779	0.789604	-1.26646	5.17526	1.31448	0.225772	1
cg27461800	77;KDM5A KDM5A;KDM5A;KDM5A;CCDC77;CCDC	0.00598605	?	?	?	?	?	0.00226867	0.158472	-6.31026	?	?	0.171803	1.40013	1.40013	0.0113029	2.86507	2.86507	?	?	?	0.209282	0.740792	-1.34991	40.8518	9.64501	0.177073	1
cg06627361	77;KDM5A	0.0400925	0.388776	1.14707	1.14707	0.402462	0.875373	-1.14237	0.0110878	1.64011	1.64011	0.0664672	1.37674	1.37674	0.114096	1.30605	1.30605	0.274523	1.19118	1.19118	0.812842	0.963826	-1.03753	0.423759	0.880809	-1.13532	0.00523982	1.77196	1.77196	3.68	1.40648	0.33973	1
cg23930745	KDM5B	6.25E-06	1.54E-05	0.164734	-6.07041	0.0174616	1.7916	1.7916	0.000173319	3.61433	3.61433	0.948959	1.01299	1.01299	6.99E-06	0.134698	-7.42403	0.00193341	2.42097	2.42097	2.03E-05	0.176176	-5.67614	0.000451608	3.04786	3.04786	0.222471	0.7723	-1.29483	45.8233	29.4764	0.57179	1
cg26899811	KDM5B	3.36E-05	0.3139	1.66215	1.66215	0.0351707	1.38543	1.38543	0.0155995	1.46094	1.46094	0.0143787	1.11684	1.11684	0.0121881	1.54677	1.54677	0.892857	0.98136	-1.01899	0.15749	0.87621	1.14128	0.647334	1.06043	1.06043	0.00113869	1.95073	1.95073	1.84128	0.274467	1
cg17823826	KDM5B	0.000580993	0.90792	1.02648	1.02648	0.0286258	0.558143	-1.79166	2.27E-05	0.14713	-6.7967	0.0203174	1.88094	1.88094	0.76823	0.935047	1.06946	0.195754	1.36205	1.36205	0.283787	0.777644	-1.28594	0.240977	0.757888	-1.31946	0.000104461	0.326503	-3.06276	13.7063	1.07919	0.718038	1
cg14381677	KDM5B	0.00590373	0.0227223	1.43051	1.43051	0.0195514	0.895554	-1.11663	0.0887422	0.6453	-1.54967	0.451217	1.10591	1.10591	0.000265586	0.455548	2.19709	0.229363	1.17589	1.17589	0.0930095	0.724525	1.27425	0.412534	0.809945	-1.11634	0.000727804	0.509777	-1.96164	14.4741	3.9428	0.242136	1
cg13253785	KDM5B	0.00754487	0.120303	1.15313	1.15313	0.340777	1.08655	1.08655	0.704488	0.968298	-1.03274	0.0259095	1.25056	1.25056	0.0110867	1.30904	1.30904	0.267269	1.10265	1.10265	0.000676425	0.644437	-1.55174	0.57282	0.952964	-1.04936	0.556834	1.05153	1.05153	6.46192	0.731632	0.100642	1
cg08915090	KDM5B	0.00850144	0.702925	1.04945	1.04945	0.0293326	1.38211	1.38211	0.0763525	1.2822	1.2822	0.0134636	1.47067	1.47067	0.030187	1.37899	1.37899	0.117495	0.807701	-1.23905	0.0215857	0.589595	-1.69579	0.887018	0.982237	-1.01808	0.144093	1.21877	1.21877	6.22369	1.56671	0.223763	1
cg11221497	KDM5B;KDM5B	0.0015498	0.0015579	1.75209	1.75209	0.410764	0.895554	-1.11663	0.0887422	0.6453	-1.54967	0.451217	1.10591	1.10591	0.000265586	0.455548	2.19709	0.229363	1.17589	1.17589	0.0930095	0.724525	1.27425	0.412534	0.809945	-1.11634	0.000727804	0.509777	-1.96164	14.4741	3.9428	0.242136	1
cg01076638	KDM5B	0.0216864	0.0347992	0.401659	-2.48968	0.00785751	0.28237	-3.54145	0.194768	0.601393	-1.66281	0.414735	1.36219	1.36219	0.0372416	0.407994	-2.45102	0.569985	0.808275	-1.2372	0.0293552	0.386168	-2.58954	0.0329172	2.52185	2.52185	0.69616	1.15662	1.15662	4.57641	9.9629	1.93512	1
cg06242558	KDM5B	0.0053788	0.0156505	0.626017	-1.59757	0.0242558	0.481704	-2.07657	0.0177616	0.524677	-1.90647	0.314249	1.41249	1.41249	0.0315229	0.370797	-2.69743	0.0178078	0.694738	-1.43949	0.0177792	0.481704	-2.07657	0.0177616	1.44006	1.44006	0.0117722	1.10085	1.10085	1.64576	0.790849	0.480481	0.614219	1
cg21105875	KDM5B	0.0398147	0.323594	0.400392	-2.49755	0.432491	0.20175	-5.05276	0.433578	0.488701	-2.04913	0.033337	0.93631	0.93631	0.321143	0.398413	-2.50996	0.201069	0.36114	-2.76945	0.0104285	0.134939	1.33939	0.033775	0.85837	0.85837	0.0615636	0.623334	0.623334	1.68944	47.0992	11.3475	1
cg04504182	KDM5B;KDM5B	0.0451666	0.0039636	0.412567	-2.42385	0.6248893	1.11918	1.11918	0.852215	1.04353	1.04353	0.321403	0.791293	-1.26375	0.0749709	0.635631	-1.57324	0.0195826	0.524906	-1.9051	0.0358954	0.572484	-1.74677	0.836803	0.953963	-1.04826	0.926637	1.02127	1.02127	5.52065	2.91139	0.735064	1
cg07526361	KDM5B;KDM5C	0.0043156	0.0076353	0.582864	-1.71555	0.0113645	0.583783	-1.71355	0.0113477	0.583285	-1.7443	0.0111592	1.40094	1.40094	0.0143787	1.11684	1.11684	0.012181	1.54677	1.54677	0.892857	0.98136	-1.01899	0.15749	0.87621	1.14128	0.647334	1.06043	1.06043	0.00113869	1.95073	1.95073	1.84128	0.274467	1
cg10288121	KDM5C;KDM5C	0.0106253	0.382609	1.42468	1.42468	0.591835	0.807384	-1.23857	0.43179	1.37392	1.37392	0.159051	0.544209	-1.83753	0.10814	0.500168	1.99933	0.0591163	0.436077	-2.32193	0.00203285	0.0853199	-11.7206	0.943377	1.02848	1.02848	0.537945	0.781512	-1.27957	0.76981	14.3462	2.19986	1
cg00185986	KDM5C;KDM5C	0.0231157	0.897946	1.02284	1.02284	0.5135	0.943482	-1.06019	0.3762611	0.97487	-1.02584	0.727234	0.903879	-1.10662	0.3426442	0.804844	1.24283	0.187816	0.84703	-1.18054	0.4211158	0.774068	1.29183	0.4207	1.11734	1.11734	0.606667	0.944882	0.944882	0.00	0.0488522	1
cg15662272	KDM5D;KDM5D;KDM5D	0.0189895	0.0948278	0.535078	-1.86889	0.662147	0.860907	-1.16157	0.827103	0.928196	-1.07736	0.0295582	2.39342	2.39342	0.00401113	3.73212	3.73212	0.0270219	0.409905	-2.43959	0.071962	0.504488	-1.9822	0.831196	0.929886	-1.07542	0.54281	1.23347	1.23347	4.78796	8.79875	1.6335	1
cg11895992	KDM6A	0.0001345575	0.0001340956	1.62618	-1.76597	0.0869962	0.351335	-1.17463	0.0028391	0.852951	-1.23015	0.166521	0.88195	-1.13406	0.0709114	0.847369	-1.17994	0.0008037894	0.652028	-1.53397	0.0005842052	0.54034	1.58104	0.0002178	1.00805	1.00805	0.0095394	1.76696	-1.32258	14.9518	1.62657	0.102095	1
cg23706636	KDM6A	0.00155696	0.1110594	1.44	0.37209	0.963867	0.983484	0.16779	0.0183972	2.86193	2.86193	0.0158772	0.588898	-1.29386	0.0701186	0.474877	2.10581	0.1808647	0.197376	-5.06647	0.00960601	0.29962	-3.33756	0.556301	0.803515	-1.24453	0.0826722	0.493342	0.226099	0.21915	1.90263	1
cg00751785	KDM6A	0.00699905	?	?	?	0.697046	-1.09672	1.09672	?	?	?	0.00121505	0.273305	-3.65891	?	?	?	0.16026	0.696262	-1.43624	?	?	0.0360251	0.544436	-1.83676	0.0065501	0.395845	-2.52624	10.067	4.68113	0.557999	1
cg25949649	KDM6A	0.1617286	0.364774	1.54044	1.54044	0.0642677	0.612569	-1.63247	0.0628301	0.881083	-2.6241	0.52345	0.942278	-1.0472	0.120868	0.46057	-2.17122	0.188777	0.18979	-5.26973	0.00952251	0.0660694	-15.1356	0.822764	0.901765	-1.10894	0.54498	1.18912	1.18912	2.99061	1		
cg19449286	KDM6B	0.0003246643	0.000585522	3.09359	3.09359	0.00178728	2.57196	2.57196	0.000163013	3.92376	3.92376	0.0568472	1.58098	1.58098	0.00165754	0.384211	-2.60274	0.120593	1.43016	1.43016	0.00340168	2.3305	2.3305	0.000920618	2.86381	2.86381	0.0836963	1.50201	1.50201	16.0982	11.5147	0.635803	1
cg09482780	KDM6B	0.0003818484	0.000115136	4.24027	4.24027	0.000891171	3.01025	3.01025	0.000233501	3.66448	3.66448	0.0116789	1.95526	1.95526	0.0165704	1.84021	1.84021	0.0245591	2.92595	2.92595	0.00479182	3.20923	3.20923	0.000155838	2.90664	2.90664	15.396	11.0398	0.637383	1		
cg09910080	KDM6B	0.0016716	0.0004644	3.72096	3.72096	0.000964216	3.52973	3.52973	0.000265859	3.92381	3.92381	0.0104176	2.28813	2.28813	0.0332347	1.89405	1.89405	0.395741	1.25006	1.25006	0.768788	1.07858	1.07858	0.616.05	0.998	5.93208	5.93208	0.0287169	1.93889	1.93889	10.1571	10.594	0.927118	1
cg21126573	KDM6B	0.0003818331	0.330684	1.18332	1.18332	0.0018923	2.09157	2.09157	0.370248	0.857014	-1.16684	0.239366	0.813320	-1.22951	0.0416872	1.48252	1.48252	0.58113	1.00796	1.00796	0.92988	1.01495	1.01495	0.000232549	2.7847	2.7847	0.0234261	1.57471	1.57471	7.96315	3.5467	0.395902	1
cg16957122	KDM6B;KDM6B	0.00462912	0.8256581	1.01859	1.01859	0.7135	0.942733	-1.06096	0.2772	0.822486	1.4252	0.14252	0.837482	1.03109	0.0001352	0.594322	1.68311	0.0001599	0.996301	1.00215	0.9913	0.998	1.00215	0.996301	0.840774	0.84077	0.1084	0.533218	0.533218	0.0004	0.1084	0.532603	1
cg08940665	KDM8	0.00784029	0.00436417	2.99147	2.99147	0.648456	0.876267	-1.1412	0.0638058	1.82132	1.82132	0.748404	0.915555	-1.09703	0.899692	1.03695	1.03695	0.664215	1.13393	1.13393	0.000688026	4.44338	4.44338	0.00471058	2.94661	2.94661	0.102385	1.67256	1.67256	6.38451	8.37298	1.16574	1
cg25732661	KDM8	0.0087613	0.36033	0.579556	-1.72546	0.0089385	0.21369	21.1369	0.0037961	20.6537	20.6537	0.437591	1.58212	1.58212	0.340105	1.94883	1.94883	0.828112	0.881945	-1.13386	0.522829	1.45475	1.45475	0.384219	1.73834	1.73834	0.0163358	0.941122	-1.06256	0.7021	36.4078	4.02318	1
cg03524794	KDM8	0.00980466	0.417778	1.34315	1.13435	0.268171	0.670772	-1.49082	0.192999	1.23334	1.23334	0.337101	1.1626	1.1626	0.394957	1.1617	1.1617	0.000529968	2.37394	2.37394	0.040757	1.50621	1.50621	0.351806	1.15705	1.15705	0.246462	1.83151	1.20263	5.948	2.18327	0.326275	1
cg09195593	KDM8	0.01498113	0.738287	1.1876	1.1876	0.524591	1.39182	1.39182	0.207037	1.97837	1.97837	0.16845	0.471198	-2.12225	0.029001	2.6272	-3.74251	0.000950849	0.080015	-12.4977	0.170412	0.479038	-2.114	0.639244	0.784995	-1.27389	0.0692409	2.83551	2.83551	5.18283	21.58	3.70111	1
cg08397776	KDM8	0.01908617	0.182531	1.57579	1.57579	0.701595	0.421537	-2.37201	0.0828307	0.590478	-1.69347	0.208479	-1.00758	0.0304779	2.462448	2.462448	-3.40512	0.080514	0.562506	-1.77776	0.665882	0.845679	-1.14341	0.0878593	1.7706	1.7706	0.153288	0.628911	-1.59005	4.7797	0.962084	0.201449	1
cg03538808	KDM8	0.03262645	0.642263	0.924451	-1.08172	0.498742	1.12223	1.12223	0.296629	0.833844	-1.19926	0.0813637	0.722957	-1.38321	0.0150482	0.660112	-1.51489	0.565656	1.02142	1.02142	0.00373624	1.92997	1.92997	0.418044	1.14908	1.14908	0.160378	1.28637	1.28637	3.96632	1.77124	0.396951	1
cg25588326	KDM8	0.04767222	0.1309623	1.97592	1.97592	0.0663	1.31777	1.31777	0.0912225	1.20742	1.20742	0.1623984	0.860566	-1.15066	0.0154444	0.866563	-1.15426	0.488344	0.844951	-1.1835	0.0933333	1.36521	1.36521	0.0624481	1.07788	1.07788	0.144689	1.65991	1.37025	1.0788	1.4689	0.135369	1
cg18247177	KDM8	0.04951229	0.940313	0.988257	-1.01188	0.0324631	1.48425	1.48425	0.09709	1.33274	1.33274	0.395609	0.871792	-1.14706	0.394086	1.14763	1.14763	0.683736	0.937437	-1.06674	0.0113111	0.606321	-1.64929	0.705327	1.06176	1.06176	0.0499944	1.42272	1.42272	3.40076	1.34014	0.350284	1
cg24128630	KDM8;TMEM8B	0.00224469	0.133134	1.28515	1.28515	0.51897	1.1011	1.1011	0.00957958	1.6618	1.6618	0.0721874	1.36439	1.36439	0.0557445	1.39641	1.39641	0.000948048	2.14475	2.14475	0.000312396	2.4722	2.4722	0.00264207	1.90447	1.90447	0.00183356	1.98447	1.98447	9.32225	5.33968	0.337513	1
cg07482916	KDM8;TMEM8B	0.0216698	0.02862732	2.09083	2.09083	0.2332225	1.325564	1.325564	0.1212861	1.52964	1.52964	0.0251357	1.48076	1.48076	0.0220393	1.29126	1.29126	0.0152311	2.81652	2.81652	0.0307953	1.93722	1.93722	0.0153731	1.56355	1.56355	0.840774	1.03044	1.03044	5.6248	1.32204	0.132274	1
cg19420645	KDR	0.015652	0.0287155	2.05715	2.05715	0.0103065	2.46871	2.46871	0.463582	0.811743	-1.23192	0.00691213	0.3763	-2.65746	0.368543	0.772438	1.2946	0.124036	1.59304	1.59304	0.0675347	0.56405	-1.77289	0.292461	1.35709	1.35709	0.835404	0.943494	-1.05989	1.50818	6.32319	1.10032	1
cg10585353	KDR	0.01900092	0.0100027	1.97148	1.83304	0.0159332	0.769378	0.557758	0.311498	-2.12029	0.194518	0.0074883	-2.10574	0.0474892	-2.06758	-4.6287	-4.6287	0.828112	0.881945	-1.13386	0.522829	1.45475	1.45475	0.384219	1.73834	1.73834	0.0163358	0.941122	-1.06256	0.7021	36.4078	4.02318	1
cg25444386	KDR	0.02657054	0.06241483	1.75638	1.71638	0.0567207	0.756732	0.56732	0.293439	0.78062	0.78062	0.0238373	0.27089	0.3704208	0.0184718	0.00287	-3.48287	0.063711	0.07126	0.70716	0.00135238	0.78337	0.78337	0.0230191	0.27332	0.27332	0.0230154	0.82836	0.82836	5.49277	19.4877	12.3965	1
cg19216285	KDSR	0.00100399	0.00037459	0.468342	-2.13519	0.12041	1.25187	1.25187	0.0181089	0.725754	-1.37788	0.00143959	1.84642	1.84642	0.0027959	1.73225	1.73225	0.657036	0.94215	-1.0614	0.539139	1.08545	1.08545	0.722512	0.953565	-1.0487	0.0126679	0.661516	-1.51368	11.7535	3.31023	0.250345	1
cg05306176	KDSR	0.03171227	0.0187404	1.82351	1.82351	0.0301258	0.183822	1.515	1.515	0.0121456	1.16524	1.16524	0.0080137	1.16524	1.16524	0.0080137	1.16524

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21330198	KIAA0100	0.0118743	0.174469	1.25018	1.25018	1.00456248	0.558874	-1.78931	0.128175	0.775519	-1.28946	0.322818	0.157101	1.17201	0.47095	0.892823	-1.12024	0.00197257	0.508698	-1.9658	0.1024401	1.31823	1.318231	0.326612	1.16867	1.16867	0.389557	0.872581	1.14602	5.59257	2.11651	0.3364	1
cg02231963	KIAA0101;KIAA0101	6.58E-05	0.0635744	0.669152	-1.49443	0.0338351	0.620496	-1.61161	0.0079452	0.519175	-1.92613	0.427733	0.855598	-1.16877	0.00118963	0.400415	-2.49741	0.188862	0.76817	-1.3075	5.93E-07	0.0707728	-1.24297	0.91222	1.02147	1.02147	0.138428	0.735477	-1.35966	24.75114	14.5423	0.522257	1
cg22679412	KIAA0101;KIAA0101	0.00241453	0.596873	0.819374	-1.22044	0.1356021	0.548644	-1.82268	0.182687	0.588914	-1.69556	0.520397	0.784144	-1.27528	0.83377	0.924561	-1.08159	0.223428	0.620384	-1.6119	2.11E-05	0.0407787	-24.5226	0.83878	0.926786	-1.079	0.0729836	0.474075	-2.10937	9.12491	20.131	1.96103	1
cg18128680	KIAA0101;KIAA0101	0.0142761	?	?	?	0.0348335	0.23938	-4.5583	0.158571	0.398878	-2.50077	0.0584752	0.3639348	-2.77272	0.00659899	0.0354482	-28.1831	0.0515977	0.685273	-1.45927	1.69E-05	0.2215754	-4.51316	0.000336182	0.2782067	-2.68125	8.08E-05	0.297161	-3.36517	24.302	11.2	0.409661	1
cg02124013	KIAA0125	0.000580916	0.00216048	0.304838	-3.28043	0.7934666	1.07507	1.07507	0.0202614	0.461965	-2.16467	0.000182752	0.174563	-5.72863	0.395389	1.27343	1.27343	0.546356	0.844994	-1.18344	0.00120121	0.702237	1.70237	0.00260097	0.316475	-1.1598	0.0109582	0.414449	-2.41284	13.7068	16.5239	1.07158	1
cg15349304	KIAA0125	0.00131205	0.0111763	0.447319	-2.23554	0.197935	0.70873	-1.41097	0.00179122	0.324905	-3.07783	0.179155	0.696954	-1.43481	0.0286228	0.520333	-1.92185	0.119257	0.65198	-1.53379	3.26E-05	0.1297229	-7.70838	0.163824	0.686663	-1.45632	0.00284313	0.353638	-2.82775	10.8903	11.0402	0.901129	1
cg02507953	KIAA0125	0.00395661	0.107931	1.56937	1.56937	0.3796418	1.37956	1.25906	0.0828597	0.356715	-2.85458	0.0114343	0.24548	2.24548	0.03751419	0.539634	-1.85311	0.0262896	1.96001	1.96001	0.00985346	0.4348452	-2.30175	0.03702159	1.65097	1.65097	0.021943	1.02537	1.02537	7.87934	8.1508	0.91963	1
cg02940661	KIAA0125	0.0295127	0.37112	0.770569	-1.29774	0.0428167	0.516007	-1.93796	0.135679	0.633584	-1.57832	0.3141888	0.744238	-1.34696	0.235116	0.702469	-1.42355	0.130332	0.628957	-1.58993	0.625715	1.44971	1.44971	0.160854	0.60677	-1.64807	0.000708615	0.231279	-4.32379	4.11065	5.24347	1.13385	1
cg11963365	KIAA0141;KIAA0141	0.0264183	0.661138	0.87794	-1.13903	0.031222	2.10862	2.10862	0.0530404	1.91325	1.91325	0.40094	0.775901	-1.28882	0.322418	0.73959	-1.3521	0.895475	1.03955	1.03955	0.67892	0.8844401	-1.13071	0.01608892	2.3609	2.3609	0.00943284	0.378681	-2.64074	4.27416	5.89591	1.22616	1
cg02700291	KIAA0141;KIAA0141	0.00546475	0.353823	-2.75105	0.4005227	0.905842	-1.41757	0.190484	0.673194	-1.47625	0.2955115	0.7307287	1.35669	0.04127229	0.516113	0.93752	-1.06691	0.0243158	0.470408	-2.1252	0.00419929	0.3405511	-2.93676	0.05161111	0.598549	-1.67142	0.0315457	0.492431	-2.03074	4.24206	5.20663	1.11123	1
cg19677007	KIAA0141;KIAA0141	0.0314949	0.830493	0.957788	-1.04407	0.3613372	1.20775	1.20775	0.800889	1.05215	1.05215	0.400182	0.598121	1.67225	0.0225511	0.6826	-1.46509	0.6980704	0.924571	-1.08158	0.720437	0.9302254	-1.07502	0.5535523	0.883409	-1.13455	0.5645579	0.889443	-1.1243	0.416666	2.57479	0.569802	1
cg17662953	KIAA0146	7.63E-06	?	?	?	0.374439	1.29593	1.25398	0.2264123	1.36765	1.36765	7.33E-07	0.0863211	-27.7	0.7524444	0.881655	-1.08165	0.3899333	0.8058475	1.24089	1.20E-06	0.0443832	-22.531	0.4271303	0.8339099	-1.19962	0.0254753	0.517293	-1.93314	44.624	38.7622	0.8676568	1
cg01757586	KIAA0146	9.66E-05	0.127308	1.1577	1.1577	0.000287619	0.591229	-1.69139	0.000283754	0.590603	-1.69318	0.405419	0.70852	1.70852	0.525424	0.954458	-1.05881	0.000355504	1.6639	1.6639	5.26E-05	1.95601	1.95601	0.02700385	1.26379	1.26379	0.426151	0.930379	-1.07483	22.3491	2.7915	0.1110526	1
cg16826795	KIAA0146	0.00018117	0.0014359	1.34602	0.0110716	1.228303	1.22803	0.0447002	1.1602	1.1602	0.265	0.0014256	0.71814	1.71814	2.99E-05	1.69368	1.69368	0.00497431	1.2709	1.2709	0.0765803	0.88073	-1.13542	0.243003	1.08196	1.08196	0.0102888	1.23181	1.23181	18.8697	1.24236	0.0585235	1
cg04220541	KIAA0146	0.00538602	0.0439011	1.53993	1.53993	0.000833356	15.5711	15.5711	0.000768416	9.55109	9.55109	0.348174	1.69423	1.69423	0.0230137	2.72738	2.72738	0.1931	0.475157	-2.12681	0.0149022	5.12691	5.12691	0.1289	2.44912	2.44912	0.4318	1.54951	1.54951	7.7135	13.8515	4.19464	1
cg09078643	KIAA0146	0.00551098	0.2127797	0.863238	-1.15843	0.007035	0.676734	-1.47773	0.355519	0.898956	-1.1124	0.508849	0.927639	-1.078	0.940605	1.00839	1.00839	0.0321254	1.32488	1.32488	0.000671795	1.79149	1.79149	0.845852	1.02205	1.02205	0.0402191	0.766705	-1.30428	7.12319	1.41713	0.176841	1
ch.8.107163OF	KIAA0146	0.0093702	0.00080202	0.102722	-9.51497	0.0274737	0.375328	-2.66433	0.134379	0.483818	-2.06689	?	?	?	0.0027895	0.156636	-6.38425	0.0522849	0.370542	-2.69875	0.418079	0.688751	-1.4498	0.0173466	0.270751	-3.69343	0.365178	0.658041	-1.51966	6.15621	17.5323	2.84791	1
cg00079785	KIAA0146	0.0104808	0.0076269	0.740484	-1.35047	0.214871	1.41809	1.41809	0.12879	0.5578	1.55778	0.4499527	1.203333	1.203333	0.258096	0.920248	-1.08666	0.0006333	0.842273	-1.18722	0.0052816	1.81615	1.81615	0.726926	1.0993	1.0993	0.532325	0.67243	-1.48673	6.2043	1.02059	1
cg00148501	KIAA0146	0.011244	0.185399	0.803456	-1.24462	0.0194182	1.55328	1.55328	0.61059	0.923092	-1.08332	0.276386	1.19294	1.19294	0.135902	0.778479	-1.28456	0.000771619	0.452361	-2.21062	0.101009	1.32295	1.32295	0.812773	1.03766	1.03766	0.415764	0.878436	-1.13839	5.69211	2.189	0.341837	1
cg16181277	KIAA0146	0.0146372	0.940768	1.01156	1.01156	0.0266097	0.582284	-1.72329	0.0209968	0.668477	-1.49953	0.2216932	0.6911256	1.44729	0.0216932	0.6911256	-1.44729	0.265577	0.835695	-1.19661	0.51991	1.10619	1.10619	0.0193773	1.54403	1.54403	0.0165059	0.635605	-1.5733	5.25493	1.9921	0.33697	1
cg18066690	KIAA0146	0.0147324	0.100155	0.546723	-1.82908	0.558819	0.861614	-1.16061	0.0113287	0.345452	-2.89476	0.046725	0.466025	-2.14581	0.0094087	0.33171	-3.01468	0.503841	1.25531	1.25531	0.00702447	0.3109153	-3.21633	0.0659089	0.985776	-1.01443	0.00402508	0.273857	-3.65154	5.21162	9.27398	1.58177	1
cg02483029	KIAA0146	0.0171074	0.267161	0.49623	-2.0152	0.133862	0.158314	-6.31657	0.148869	0.391246	-2.55593	0.934386	0.953314	-1.05118	0.000691629	0.0433236	-23.0821	0.0234499	0.193805	-5.15983	0.0249962	0.1985733	-5.03593	0.1774401	0.413682	-2.41732	0.0458865	0.633067	-1.57961	4.95002	28.8574	5.72759	1
cg07758667	KIAA0146	0.0195596	0.0206128	0.693487	-1.44199	0.000671901	0.505161	-1.97957	0.892228	1.01795	1.01795	0.552508	1.08208	1.08208	0.921762	1.01298	1.01298	0.970758	0.9952	-1.00482	0.306923	1.14895	1.14895	0.425936	1.11263	1.11263	0.689144	1.0542	1.0542	4.7078	1.28485	0.242595	1
cg20110504	KIAA0146	0.0234343	0.766309	0.963786	-1.03757	0.916516	1.00692	1.00692	0.0593606	0.785162	-1.27362	0.38795	0.904339	-1.10578	0.702334	0.96143	-1.04012	0.0225163	0.2096104	0.00159241	1.67344	1.67344	0.0923349	0.810167	-1.23431	0.0499856	0.775693	-1.28917	4.456	0.911279	0.181783	1
cg12848637	KIAA0146	0.0263486	0.1676251	1.55252	1.55252	0.0291937	2.18101	2.18101	0.282253	1.3994	1.3994	0.902775	1.03778	1.03778	0.507065	1.18108	1.18108	0.15021	1.669873	-1.51544	0.000823056	3.43143	4.61433	0.29115	1.3943	1.3943	0.0963576	1.00138	1.00138	4.77811	6.23874	1.29626	1
cg21279828	KIAA0146	0.0337924	0.021341	0.267609	-3.73679	0.470821	0.704991	-1.41846	0.119985	0.447634	-2.23397	0.850748	0.91415	-1.09391	0.000909786	0.0940779	-10.6295	0.0636433	0.37024	-2.70095	0.504748	0.7243091	-1.38063	0.463878	0.700992	-1.42655	0.327875	0.618008	-1.6181	3.91647	14.0845	3.19665	1
cg13459964	KIAA0146	0.0439074	0.319403	1.22816	1.22816	0.0791757	0.775511	-1.4759	0.762867	1.06286	1.06286	0.766306	1.042207	1.042207	1.06634	2.0127407	2.012741	1.29426	1.29426	1.29426	1.29426	1.29426	1.29426	1.29426	1.29426	1.19485	1.31506	1.31506	0.0010905	2.94306	2.4336	0.5615144	2.252	0.5615598	1
cg27110631	KIAA0146	0.0440989	0.790838	0.928976	-1.07541	0.0769349	0.583928	-1.71254	0.104084	0.615053	-1.62588	0.481893	0.825175	-1.21481	0.505708	0.831352	-1.20286	0.208973	0.696117	-1.43654	0.00255653	3.14062	3.14062	0.854935	1.05133	1.05133	0.852633	0.95041	-1.05218	3.55229	2.20879	1.05317	1
cg25801976	KIAA0146	0.0457342	0.0516892	0.214857	-4.65425	0.150279	0.342719	-2.91784	0.00813247	0.0951093	-10.5142	0.0222947	0.149277	-6.69896	0.44774	0.584313	-1.71141	0.129977	0.32115	-3.11381	0.00815956	0.0952545	-10.4982	0.0805746	0.260324	-3.84137	0.171835	0.364198	-2.74576	5.5042	26.7638	6.78899	1
cg20426099	KIAA0174	0.0249178	0.578113	1.12777	1.12777	0.816263	0.45104	-1.05108	0.153746	0.378553	-1.38753	0.0760569	0.676733	1.47809	0.0760569	0.676733	-1.47809	0.331091	1.80683	1.80683	0.0239491	0.5534452	-2.83726	0.0273976	1.7486	1.7486	0.275903	0.72455	-1.37965	4.43803	0.644025	1
cg08247611	KIAA0174	0.0199181	0.242328	0.831269	-1.20298	0.92114	0.985157	-1.01507	0.0654651	1.3665	1.3665	0.0214643	0.515216	1.94376	0.0214643	0.515216	-1.94376	0.0173829	0.645714	-1.54867	0.0145756	0.6843648	-1.57518	0.467163	0.894278	-1.11822	0.564675	0.915828	-1.09191	4.71113	1.7018	0.323094	1
cg08509238	KIAA0174	0.0238545	0.163497	0.633519	-1.57917	0.133144	0.423713	-2.36048	0.154748	0.392755	-2.54644	0.173447	0.424514	2.35473	0.027554	1.37447	2.354734	0.0012938	0.2354644	2.354644	0.0012938	0.2354644	2.354644	0.0012938	0.2354644	0.0024853	0.157154	2.799921	0.0014344	0.453352	-2.20639	0.0776616	1.68928	0.1484286	0.799444	1.68928	0.2204	0.5476	1
cg16345355	KIAA0174	0.0404807	0.404679	1.16612	1.16612	0.0488155	1.50012	1.50012	0.160704	1.31006	1.31006	0.591723	1.10251	1.10251	0.720786	1.06683	1.06683	0.00591938	1.522623	-1.91343	0.0527154	6.672374	-1.48727	0.583626	0.905047	-1.10492	0.267581	1.23153	1.23153	3.666951	1.88681	0.457372	1
cg14842198	KIAA0182	0.0120629	0.783539	0.972337	-1.02845	0.106722	1.19652	1.19652	0.30181	1.11514	1.11514	0.347024	1.10367	1.10367	0.146671	1.17198	1.17198	0.0299359	0.770904	-1.29718	0.78744	0.972844	-1.02791	0.589099	0.945962	-1.05712	0.00044677	1.75813	3.75813	1.56405	0.91451	0.146098	1
cg12553166	KIAA0182	0.0388859	0.0781634	0.719	-1.39056	0.0271116	0.965796	-1.03542	0.0798751	1.16605	1.16605	0.6010954	1.24514	1.24514	0.561557	0.954662	-1.04749	0.0015474	1.37561	1.37561	0.568382	1.0466	1.0466	0.655237	0.9651	0.9651	1.03636	0.547443	0.953018	-1.0493	3.72158	0.368273	0.0879608	1
cg16762077	KIAA0182;KIAA0182	0.00263412	0.00246852	0.321326	-3.1121	0.0229284	2.08326	2.08326	0.608469	1.14953	1.14953	0.972984	0.990908	-1.00918	1.04E-05	0.0785119	-12.7369	0.889321	1.03827	1.03827	0.00379051	2.86728	2.86728	0.204666	1.43473	1.43473	0.864057	0.954834	-1.0473	17.0808	19.6784	1.02407	1
cg08443851	KIAA0182;KIAA0182	0.00031579	0.000132563	0.435483	-2.29655	0.0126471	1.25671	1.25671	0.0034837	1.15464	1.15464	0.0249072	1.3332	1.3332	0.0014009	1.750424	1.750424	0.0004	1.794269	1.794269	1.25902	0.9362604	0.9362604	-1.0035	0.0014009	1.33332	1.33332	0.0014009	1.0515	1.0515	3.162948	3.20409	0.6599129	1
cg06169648	KIAA0182;KIAA0182	0.0004771	0.0450049	0.851054	-1.17501	0.938264	1.00545	1.00545	0.0142658	1.23602	1.23602	0.0014405	0.724011	-1.38119	0.0340427	1.1894	1.1894	0.0051263	2.95994	2.95994	0.000144928	0.632082	-1.58207	0.521331	0.955451	-1.04663	0.00792132	1.26966	1.26966	14.4775	1.12703	0.0691976	1
cg03157530	KIAA0182;KIAA0182	0.00048477	0.0545008	0.718015	-1.39273	7.36E-05	2.9878	2.9878	0.000209721	2.56395	2.56395	0.052087	1.39869	1.39869	0.0227868	0.66113	-1.51256	0.652898	1.07116	1.07116	0.00308716	1.84054	1.84054	0.491548	1.11192	1.11192	0.409567	1.13663	1.13663	14.4136	5.26368	0.324612	1
cg16788464	KIAA0182;KIAA0182	0.0049008	0.0066403	0.583483	-1.71352	0.0064198	2.64171	2.64171	0.0018387	1.54644	1.54644	0.0249072	1.3332	1.3332	0.0014009	1.750424	1.750424	0.0004	1.794269	1.794269	1.25902	0.9362604	0.9362604	-1.0035	0.0014009	1.33332	1.33332	0.0014009	1.0515	1.0515	3.162948	3.20409	0.6599129	1
cg27051119	KIAA0182;KIAA0182	0.00192662	0.927902	0.982244	-1.01808	0.000150272	0.27565	-3.62778	0.00344666	0.455496	-2.19541	0.0279112	0.597909	-1.6725	0.0560735	0.651556	-1.53479	0.479527	1.15293	1.15293	0.0106	0.779803	-1.28237	0.0116287	0.410392	-2.43669	0.0048387	0.466287	-2.1446	0.7474	0.0506	0.551776	1
cg06781563	KIAA0182;KIAA0182	0.0371903	0.0109361	0.664253	-1.50566	0.0269037	0.946493	-1.05637	0.0798554	1.08155	1.08155	0.6940597	1.18324	1.18324	0.658764	0.960204	-1.04161	0.3112627	0.8084	1.23688	0.0159	0.6843648	-1.46161	0.0888017	1.18842	1.18842	0.0475923	1.23098	1.23098	1.84129	0.90108	0.238294	1
cg01767053	KIAA0182;KIAA0182	0.0053155	0.0219212	0.780608	-1.28105	0.00417447	0.70766	-1.41311	0.022089	0.780946	-1.2805	0.0459428	1.22884	1.22884	0.137022	1.15522	1.15522	0.525731	1.05963	1.05963	0.0252677	1.27079	1.27079	0.024371	0.785307	-1.27339	0.110699	1.16949	1.16949	7.20254	0.9256686	0.114242	1
cg26771832	KIAA0182;KIAA0182	0.0049344	0.0489366	-2.04546	0.0107144	0.295743	1.38131	1.38131	0.0023497	1.08124	1.08124	0.0654737	0.889427	-1.12437	0.0389046	0.7744171	0.5523	1.5523	0.2344851	0.644004	0.794269	1.25902	1.25902	0.9362604	-1.0035	0.0014009	1.33332	1.33332	0.0014009	1.0515	1.0515	3.162948	3.20409	0.6599129	1
cg00100104	KIAA0182;KIAA0182	0.0254094	0.702017	0.70207	-1.71223	0.71271	0.4031	0.899253	1.02553	1.025553	0.4489767	0.9944737	0.389046	-1.55025	0.0133	0.4489767	0.9944737	0.389046	-1.55025	0.0133	0.4489767	0.9944737	0.389046	-1.55025	0.0133	0.0016424	2.45285	0.1615258	1.79633	0.4613384	0.861358	-1.16096	0.374474	0.83407	-1.19894	5.90866	3.70711	0.557691	1
cg09746050	KIAA0182;KIAA0182	0.0102398	0.931889	1.02655	1.02655	0.00113704	4.33657	4.33657	0.00175565	3.92148	3.92148	0.600478	0.850475	-1.17581	0.2686311	0.702486	-1.42352	0.351093	1.34197	1.34197	0.183937	1.54038	1.54038	0.433714	0.782832	-1.27741	0.4636354	0.783976	-1.27555	5.86596	8.72715	1.32246	1
cg26484465	KIAA0182;KIAA0182	0.0142761	0.0111763	0.447319	-2.23554	0.197935	0.70873	-1.41097	0.00179122	0.324905	-3.07783	0.179155	0.696954	-1.43481	0.0286228	0.520333	-1.92185	0.119257	0.65198	-1.53379	3.26E-05	0.1297229	-7.70838	0.163824	0.686663	-1.45632	0.00284313	0.353638	-2.82775	10.8903	11.0402	0.901129	1
cg27265499	KIAA0182;KIAA0182	0.0203605	0.9303	1.01461	1.01461	0.00233177	0.49424	-2.02331	0.0874565	1.36726	1.36726	0.517953	0.897024	-1.1148	0.68529	1.06988	1.06988	0.636126	1.08222	1.08222	0.00635561	1.8021	1.8021	0.651707	1.07825	1.07825	0.614559	0.919259	-1.08783	4.65514	2.02671	0.386997	1
cg08489794	KIAA0182;KIAA0182	0.021914	0.935481	1.02422	1.02422	0.00701805	2.80516	2.80516	0.0259356	2.09936779	2.64786	0.564786	0.936989	0.622876	-1.60546	0.160702	0.642121	-1.55734	0.237589	0.609753	0.144144	0.5159766	0.957496	1.04463	0.0155196	0.917709	1.65167	1.65167	0.123451	0.609775	-1.63985	4.56826	6.30779	1.29677	1
cg00758499	KIAA0182;KIAA0182	0.0056518	0.8159557	0.968287	-1.03295	0.00401978	2.95104	12.9504	0.0026	2.25732	1.73591	0.0759	0.975959	1.38196	0.2385502	0.6225	-1.60573	0.1340845	1.30845	1.30845	0.0179488	0.3794788	-2.63586	0.9789702	1.01211	1.01211	0.696837	0.8362615	-1.19584	4.18616	54.2676	4.73683	1
cg04076444	KIAA0182;KIAA0182	0.0268996	0.08481	23.0705	0.213705	0.788551	0.882627	-1.13298	0.737396	0.881941	-1.13386	0.56148	0.800726	-1.24887	0.000850448	0.153874	-6.49884	0.835156	0.925158	-1.0809	0.186019	1.668783	1.668783	0.308368	1.48231	1.48231	0.821275	1.08814	1.08814	0.424721	9.37478	1.96203	1
cg07685557	KIAA0182;KIAA0182	0.0360719	0.06090073	1.16943	1.16943	0.0093003	1.61861	1.61861	0.167106	1.18338	1.18338	0.412152	0.844845	-1.18435	0.0045	0.6555	-1.52512	0.3636424	0.81598	1.22512	0.0188845	1.0435	1.0435	0.93933	1.0318	1.0318	0.8055459	0.938557	-1.0368	4.48441	0.9982	0.2262	0.6679751	1
cg04767841	KIAA0182;KIAA0182	0.0380494	0.0469067	0.56437	-1.77189	0.030032	1.89991	1.89991	0.481617	0.835374	-1.19707	0.0464123	0.563437	-1.77482	0.0441253	0.559008	-1.78888	0.811262	0.941613	-1.06201	0.703026	1.1015	1.1015	0.35494	1.27038	1.27038	0.0250719	0.5115599	-1.95465	3.75135	3.75741	0.890325	1
cg04137676	KIAA0182;KIAA0182	0.0414262	0.645706	1.09357	1.09357	0.0105157	1.87108	1.87108	0.0991135	1.41815	1.41815	0.7362601	1.0675	1.0675	0.0242953	0.9592342	-1.42999	0.1016683	1.707349	1.707349	-1.41373	0.1863999	0.5268681	-1.89824	0.0119344	0.8115043	1.22232	1.22232	0.9649408	1.25308	0.2415308	0.5125642	1
cg08568161	KIAA0182;KIAA0182	0.0483599	0.0456699	0.648786	-1.54134	0.130512	1.36118	1.36118	0.660636	0.906436	-1.10322	0.215686	0.781884	-1.27896	0.0392362	0.6373734	-1.56904	0.0188826	0.584521	-1.7108	0.0705147	0.6882721	-1.46473	0.489874	1.14162	1.14162	0.0519498	0.568661	-1.51823	3.41326	1.93758	0.50194	1
cg09446906	KIAA0195	0.00142305	0.00223824	0.553908	-1.80535	0.0258126	0.693977	-1.44097	0.479121	1.1044	1.1044	0.998257	1.0003	1.0003	7.01E-05	0.367256	-2.7229	0.0132328	0.654549	-1.52777	0.0429621	1.37918	1.37918	0.295197	0.860853	-1.16164	0.212242	0.834144	-1.19883	10.6395	3.20999	0.263182	1
cg22455529	KIAA0195	0.0240506	0.1245904	1.37655	1.37655	0.0386209	3.40273	3.40273	0.0014009	1.75936	1.75936	0.0003699	1.16577	1.16577	0.0228274	0.575434	-1.73792	0.1638927	0.6026974	1.65974	0.0005906	2.539981	2.539981	0.0001	1.83797	1.83797	0.109432	1.39205	1.39205	5.57165	1.52171	0.505671	1
cg25824897	KIAA0195	0.00516798	0.69036	1.34034	1.34034	0.918888	0.364004	-2.74723	0.00512956	0.0668985	-14.948	0.0584975	0.209362	-4.77642	?	?	?	0.000697392	0.0227448	-43.966	?	?	?	0.343387	0.24022	0.24022	0.24022	2.870033	44.4688	7.53358	1
cg05885679	KIAA0195	0.00762861	0.00187779	0.444008	-2.25277	0.0144671	0.38938	0.38938	0.0127783	0.212212	0.44743	0.0174457	0.139154	1.39358	0.0127783	2.168072	2.168072	1.48972	0.0349698	0.7113801	0.4894548	0.5124647	0.9245	1.08126	0.327157	1.14916	1.14916	0.0149945	0.664861	0.6649861	0.2659935	1
cg21685777	KIAA0195	0.0155978	0.0403794	1.62411	1.62411	0.407585	0.840713	-1.18947	0.872385	0.967611	-1.03347	0.0881163	1.47029	1.47029	0.00455095	2.16846	2.16846	0.0610845	1.5408	1.5408	0.0116215	0.524095	-1.90805	0.890793	0.972255	-1.02854	0.24189	0.778116	-1.28516	5.11407	3.39775	0.590572	1
cg16115923	KIAA0195	0.021101	0.0801598	0.681373	-1.46762	0.017246	1.77423	1.77423	0.716721	0.930518	-1.07467	0.30403	1.23414	1.23414	0.296763	0.807514	-1.23837	0.845404	0.962155	-1.03933	0.576209	0.894405	-1.11806	0.40543	1.1832	1.1832	0.00149135	2.47238	2.47238	6.45945	2.85747	0.549843	1
cg08270491	KIAA0196	0.0107019	0.0109373	0.443404	-2.25497	0.0144894

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5 37 vs. N)	Fold-Change(5 37 vs. N)	p-value(563 vs. N)	Fold-Change(5 63 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18680181	KIAA0391	0.00414382	0.0117954	0.412466	-2.42444	0.439813	1.34472	1.24872	0.00284627	0.3145336	1.37929	0.00485481	0.349333	-2.8626	0.859978	0.951493	-1.05097	0.732624	1.10139	1.10139	0.0800043	0.487309	-2.05209	0.00495325	2.85156	2.85156	0.0804566	0.579252	1.726267	2.76025	9.75793	1.13642	1
cg11126351	KIAA0391	0.0157934	0.773035	1.045042	1.045042	0.483792	1.5155	1.1155	0.293565	0.845907	-1.18216	0.2253777	0.822368	-1.216	0.175432	1.24771	1.24771	0.00038705	0.419187	-2.38557	0.160454	1.25898	1.25898	0.796174	0.961022	-1.04056	0.940899	0.988676	-1.01545	1.09295	1.902093	0.332124	1
cg00556816	KIAA0406	1.87E-05	1.25E-05	0.152081	-6.57546	5.97E-05	0.218687	-4.57275	0.321577	1.233311	1.233311	0.208613	0.762281	-1.31185	4.67E-06	0.116543	-8.58051	0.00679522	0.487616	-2.0508	6.24E-05	0.220754	-4.52992	0.0683704	0.658459	-1.5187	2.41E-05	0.178467	-5.60327	34.4729	22.89443	0.590132	1
cg10626556	KIAA0406	0.0141823	0.144247	0.507502	-1.97043	0.930401	0.962933	-1.03849	0.040171	0.358716	-2.78772	0.60806	0.799578	-1.25066	0.002836156	0.158558	-6.30686	0.05105581	1.382577	-2.61385	0.815318	1.10647	1.10647	0.845933	1.08796	1.08796	0.0318899	0.28942	1.455519	3.00231	11.5497	2.63219	1
cg16774290	KIAA0415	0.000216081	0.555505	1.05099	1.05099	0.000751399	0.625883	-1.53167	0.0322751	0.811309	-1.23258	0.586409	0.955217	-1.04688	1.54E-05	0.474376	-2.10803	7.60E-05	0.549708	-1.81915	0.004475137	0.739853	-1.37183	0.784983	0.977449	-1.02307	0.00700038	0.747613	-1.33759	17.9896	1.98188	0.0979271	1
cg11280988	KIAA0430	0.00128349	0.577602	0.946289	-1.05676	0.00381635	0.68195	-1.46638	0.138464	0.855115	-1.16943	0.000121311	0.518225	-1.9297	0.297543	0.899444	-1.1118	0.0625289	1.22838	1.22838	0.00235951	1.5163	1.5163	0.791672	0.974356	-1.02632	0.873098	1.01606	1.01606	10.9591	1.627145	0.135571	1
cg19081270	KIAA0415	0.00169696	0.548588	0.896583	-1.11535	0.10298	0.725566	-1.37823	0.0414113	0.655073	-1.52655	0.818715	0.959553	-1.04215	0.037246	0.647356	-1.54474	9.13E-05	0.284451	-3.51554	0.472105	1.14058	1.14058	0.668447	1.08057	1.08057	0.000380122	0.360312	-2.77538	10.113	5.18037	0.455331	1
cg02861151	KIAA0415	0.00380725	0.000319625	0.189195	-5.28545	0.456464	1.29592	1.23992	0.274279	0.72242	-1.38434	0.0494367	0.559627	-1.3989	0.015438	0.652263	-1.53329	0.00179736	0.180312	-3.55856	0.005546611	0.936888	-2.82356	0.10376	0.608552	-1.64324	0.0237514	0.462346	-2.16288	7.9701	10.3124	1.55012	1
cg21388345	KIAA0415	0.00508301	0.000998267	0.440954	-2.26781	0.0851213	0.726936	-1.37564	0.103855	0.742343	-1.34709	0.131657	1.31342	-1.31453	0.132442	0.662443	0.703827	-1.4208	0.0160852	0.6105	-1.638	0.195721	1.25763	1.32255	0.842661	-1.18672	0.00152938	0.465485	-2.1483	7.30178	3.24569	0.395117	1
cg12414526	KIAA0415	0.00514403	0.000448934	0.165047	-6.05887	0.00434981	3.45624	3.45624	0.201875	0.64492	-1.55058	0.980655	0.992139	-1.00792	0.180587	0.62954	-1.58846	0.909227	0.963557	-1.03782	0.0162534	0.384193	-2.60286	0.813576	0.925991	-1.07992	0.135431	0.59227	-1.68842	7.2752	12.2072	1.49148	1
cg08144311	KIAA0415	0.00614358	0.010447731	0.193706	-5.16089	0.0311224	0.577725	-1.73093	0.0498206	0.450364	-2.22042	0.155712	0.583401	-1.71411	0.013708	0.61905	-1.61509	0.999419	1.00026	1.00026	0.992702	1.36642	1.36642	0.00367479	0.240541	-4.05631	0.0183015	0.411075	-2.43265	6.89135	13.8749	1.78967	1
cg27285761	KIAA0415	0.00702805	0.471905	1.08252	1.08252	0.59485	-1.05989	1.05989	0.211124	0.866961	-1.15345	0.405887	1.09652	1.09652	0.619133	0.94715	-1.0558	0.585815	1.06143	1.06143	0.000227401	0.514825	-1.94241	0.406877	0.912164	-1.09629	0.00529663	0.671496	-1.48601	5.66061	1.22851	0.165291	1
cg11626195	KIAA0415	0.00786128	0.301513	1.59202	1.59202	0.0253482	0.501854	-1.99261	0.384897	0.799602	-1.25993	0.995692	0.798035	-1.25308	0.0100786	0.630773	-2.32141	0.000591908	0.232512	-3.9602	0.0624925	0.580499	-1.72266	0.28961	0.795212	-1.32238	0.0132674	0.454041	-2.20245	6.37914	6.79642	0.947033	1
cg16418598	KIAA0415	0.00814753	0.961619	1.01047	1.01047	0.252457	1.29515	1.29515	0.868206	0.97138	-1.03058	0.375328	0.884745	-1.13027	0.000118358	0.232823	-4.29511	0.2009	1.08503	1.08503	0.216534	1.32491	1.32491	0.773225	0.939405	-1.0645	0.546989	0.876462	-1.14056	6.30775	4.67605	0.658949	1
cg20003144	KIAA0415	0.00876998	0.983755	1.0047	1.0047	0.73614	0.925051	-1.08102	0.632164	0.894852	-1.1175	0.531003	0.864662	-1.15652	0.0133886	0.493816	-2.02505	0.000798947	0.113522	-3.21005	0.000988054	0.323772	-3.08859	0.480487	0.847721	-1.17963	0.657382	0.902284	-1.1083	6.16275	5.17913	0.747016	1
cg02212683	KIAA0415	0.0102006	0.410371	1.24077	1.23077	0.0488796	0.7447	1.7447	0.0138487	0.21959	-2.13959	0.304089	1.3002	1.3002	0.000823903	0.288598	-3.46502	0.100453	1.55866	1.55866	0.0265336	0.522799	-1.91278	0.346375	1.27019	1.27019	0.414613	0.814094	0.575847	1.67543	0.856388	0.511455	1
cg02740061	KIAA0415	0.0106154	0.360337	0.748145	-1.33664	0.0659757	0.529167	-1.88976	0.0196638	0.419159	-2.38573	0.0160499	0.402811	-2.48255	0.00132025	0.23654	-4.22762	0.00272149	0.278823	-3.5865	0.915528	0.967793	-1.03328	0.769351	1.09496	1.09496	0.0625365	0.523755	-1.90929	5.79855	8.74283	1.34023	1
cg06825983	KIAA0415	0.0120319	0.0972449	0.571535	-1.75013	0.0388645	0.615784	2.41574	0.00165537	0.23775	-2.67775	0.618466	1.11611	1.11611	0.382133	0.822926	-1.21666	0.0404719	1.67822	1.67822	0.18018	0.948734	-1.05406	0.888407	1.00291	1.00291	0.4960373	1.16524	1.16524	5.5684	4.22159	0.673896	1
cg14631331	KIAA0415	0.0239991	0.0237792	0.270223	-3.69381	0.0175208	0.246518	-4.05549	0.0560528	0.350649	-2.85183	0.0755172	0.384693	-2.59985	0.0138053	0.613053	-1.63093	0.0266487	2.79679	-3.57553	0.00569795	0.172767	-5.78814	0.0441694	0.326405	-3.06367	0.0144442	0.470081	-2.12729	4.41946	16.4136	3.30129	1
cg27078522	KIAA0415	0.0245093	0.668924	0.819466	-1.22031	0.6698428	0.391295	-2.55562	0.412472	0.678532	-1.47377	0.509503	1.363	1.363	0.807746	1.11945	1.11945	0.295911	1.65144	1.65144	0.000584171	0.0853966	-11.7101	0.520895	1.35145	1.35145	0.9979795	0.998826	-1.00118	4.38735	14.8851	3.01576	1
cg00394666	KIAA0415	0.0258228	0.863679	0.967625	-1.03346	0.0835607	0.704455	-1.41996	0.0151068	0.554893	-1.77025	0.798768	1.05014	1.05014	0.017497	0.63403	-1.57742	0.016743	0.755147	-1.3313	0.00973545	2.00358	2.0008	0.775829	0.946791	-1.0562	0.274661	0.804348	-1.24324	4.30835	2.50268	0.581196	1
cg00083265	KIAA0415	0.0319064	0.386679	0.919123	-1.08799	0.8801643	1.20261	1.20261	0.884093	0.91096	-1.10396	0.153973	1.15779	1.15779	0.314596	1.02008	1.02008	0.001335	0.641967	-1.55771	0.322481	0.904743	-1.10201	0.712727	0.965463	-1.03577	0.235439	0.888538	-1.12544	9.98007	0.571949	0.127161	1
cg27534828	KIAA0415	0.0327755	0.007253443	0.464868	-2.15182	0.0215134	0.413687	1.33387	0.0264418	0.33387	0.0264418	0.33387	0.126526	1.32526	0.120996	0.65294	-1.53153	0.051259	0.577303	-1.73274	0.0190786	0.640373	-1.56141	0.0422591	0.11257	1.11257	0.0127	0.847533	-1.17991	0.414375	0.812069	-1.23142	9.97575	0.394659	0.083487	1
cg07706515	KIAA0415	0.0333667	0.890733	1.08598	1.08598	0.00168391	14.79	14.79	0.115893	2.62306	2.62306	0.990345	0.992766	-1.00729	0.0287246	0.212644	4.7027	0.500272	1.66327	1.50768	0.744101	1.2172	1.2172	0.863169	0.901667	-1.10906	0.59435	0.724305	-1.38063	3.93439	22.4376	5.06927	1
cg08265282	KIAA0415	0.0152062	0.792074	1.06277	1.06277	0.0153456	0.503174	-1.98515	0.755028	1.08142	1.08142	0.274964	0.76973	-1.29916	0.113844	0.672751	-1.48643	0.003902	0.408493	-2.44802	0.123984	1.46793	1.46793	0.4006	1.21927	1.21927	0.612591	0.888996	-1.12486	3.58491	3.24494	0.747461	1
cg15865178	KIAA0415;KIAA0430	0.00479481	0.050958	0.31534	-3.17154	0.4981217	1.42122	1.42122	0.131782	2.29669	2.29669	0.602951	0.764737	-1.30764	0.0158363	0.614707	-1.62697	0.250298	1.84784	1.84784	0.512063	0.711864	-1.40476	0.0883261	0.83229	-1.20148	0.0908009	1.06086	1.06086	3.64238	14.2421	3.67764	1
cg05502939	KIAA0427;KIAA0427	0.00101293	0.597949	0.934709	-1.06985	0.0123759	1.48448	1.48448	0.012529	1.48298	1.48298	0.61883	1.0657	1.0657	0.130649	0.812936	-1.23011	0.0739408	0.776702	-1.2875	5.07E-05	0.38154	-2.62095	0.0690278	1.29452	1.29452	0.3110466	1.14223	1.14223	11.7238	2.98894	0.22662	1
cg18909133	KIAA0427;KIAA0427	0.00299139	0.432764	1.1043	1.1043	0.0399918	0.784128	1.34205	0.0227777	0.376126	-1.39263	0.945062	0.991405	-1.00858	0.0025309	0.594639	-1.68178	0.000128659	0.438244	-2.28184	0.715185	0.855274	-1.04684	0.0402966	0.81647	-1.22509	0.0001	0.856376	2.08334	0.216244	1.64	0.674945	1
cg18530124	KIAA0427;KIAA0427	0.00473177	0.00638238	0.193837	1.93837	0.590315	1.10666	1.10666	0.000619168	2.67085	2.67085	0.027477	2.16102	2.16102	0.341524	1.20052	1.20052	0.708159	0.932284	-1.07264	0.534042	1.12461	1.12461	0.737324	0.939161	-1.06478	0.00313011	0.21243	2.112403	0.76249	4.10977	0.489501	1
cg03656833	KIAA0427;KIAA0427	0.00540159	0.767965	1.02307	1.02307	0.0048993	1.33302	1.33302	0.0474791	1.19099	1.19099	0.012098	0.785698	-1.27275	0.0253675	1.22739	1.22739	0.00377244	0.739818	-1.35168	0.251527	0.911782	-1.09675	0.619347	1.03936	1.03936	0.18535	1.11436	1.11436	7.16715	0.674645	0.0836712	1
cg21444002	KIAA0427;KIAA0427	0.0118534	0.191907	1.14613	1.14613	0.0488438	1.61938	1.61938	0.145983	1.40466	1.40466	0.0154098	0.564893	-1.77025	0.798768	1.05014	1.05014	0.0377497	0.63015	-1.58682	0.481285	1.15562	1.15562	0.852245	1.04634	1.04634	0.0220078	1.83107	1.83107	4.55976	4.06197	0.645246	1
cg16617366	KIAA0427;KIAA0427	0.0132491	0.502445	1.10514	1.10514	0.379301	1.14166	1.14166	0.988737	1.00208	1.00208	0.0284149	1.46221	1.46221	0.079354	0.753171	1.3309	0.290321	0.85115	-1.17492	0.0016089	0.615762	-1.93192	0.318594	0.859496	-1.16347	0.0250513	1.47925	1.47925	3.59656	1.84405	0.30374	1
cg19416230	KIAA0427;KIAA0427	0.0241227	0.00725343	0.464868	-2.15182	0.0215134	0.413687	1.33387	0.0264418	0.33387	0.0264418	0.33387	0.126526	1.32526	0.120996	0.65294	-1.53153	0.051259	0.577303	-1.73274	0.0190786	0.640373	-1.56141	0.0422591	0.11257	1.11257	0.0127	0.847533	-1.17991	0.414375	0.812069	-1.23142	9.97575	0.394659	0.083487	1
cg04956719	KIAA0430	0.0391397	0.357946	1.18948	1.18948	0.0628054	0.680978	-1.46848	0.0219349	0.603764	-1.65628	0.454273	0.869442	-1.15016	0.0370067	1.55977	1.55977	0.381189	1.17922	1.17922	0.0261668	1.62293	1.62293	0.290109	0.817489	-1.22326	0.983372	1.00383	1.00383	3.7127	1.98086	0.474253	1
cg01387147	KIAA0467	0.00033655	0.777786	1.06058	1.06058	0.0135928	0.685008	-1.45984	0.5551	0.83601	1.53601	0.976947	0.994653	-1.00538	7.86E-05	0.227799	-4.4007	0.00230207	0.414795	-2.4105	0.0602557	0.766074	1.4956	0.0875888	0.966504	1.4956	0.0875888	0.966504	1.23997	0.618217	0.746287	1.33907	0.618217	0.746287	1.33907
cg13099193	KIAA0467	0.00950552	0.713326	1.08922	1.08922	0.11432	1.48852	1.48852	0.971482	0.991755	-1.00831	0.315577	1.27166	1.27166	0.0011549	0.330827	-3.02273	0.022737	1.53183	1.8803	0.967545	0.990622	-1.00947	0.0084726	2.17773	2.17773	0.731368	0.923098	1.01088	1.01088	0.102818	0.755081	1
cg26336151	KIAA0467;KIAA0467	0.0136474	0.544394	1.08077	1.08077	0.00954006	0.65994	-1.51529	0.0895435	1.2674	1.2674	0.350326	0.885415	-1.12941	0.122179	1.22624	1.22624	0.580582	1.07321	1.07321	0.00265092	1.69283	1.69283	0.125512	0.810667	-1.23355	0.0127253	1.25357	1.25357	5.34446	1.35654	0.22562	1
cg01068240	KIAA0467	0.0158844	0.0106827	0.3125	-3.20048	0.0388645	0.615784	2.41574	0.00165537	0.23775	-2.67775	0.618466	1.11611	1.11611	0.382133	0.822926	-1.21666	0.0404719	1.67822	1.67822	0.18018	0.948734	-1.05406	0.888407	1.00291	1.00291	0.4960373	1.16524	1.16524	5.5684	4.22159	0.673896	1
cg02668051	KIAA0467	0.0307042	0.574719	0.90987	-1.09906	0.57913	0.91088	-1.09784	0.176432	0.787077	-1.27052	0.163206	0.780396	-1.2814	0.00240121	0.494297	-2.02308	0.800473	1.04309	1.04309	0.0316064	1.66296	1.66296	0.907783	1.01949	1.01949	0.639627	0.92444	-1.08174	0.45325	1.78184	0.390763	1
cg14851383	KIAA0467	0.0409959	0.0649083	0.4375	-2.28571	0.0153639	0.844223	1.42122	0.131782	2.29669	2.29669	0.602951	0.764737	-1.30764	0.0158363	0.614707	-1.62697	0.727077	1.85056	1.85056	0.0298051	1.77375	1.77375	0.606808	0.972404	1.48465	0.0728269	1.57632	1.57632	0.784965	0.939895	1.04E-05	0.999972	0.939895	1.04E-05	0.999972	1
cg26904179	KIAA0467;KIAA0467	0.00027922	0.716028	0.948177	-1.05466	0.0001348871	0.381751	-2.61951	0.379049	0.876825	-1.14048	0.546417	0.914931	-1.09298	5.10E-05	0.313133	-3.01993	6.11E-05	0.340398	-2.93774	0.000676435	0.469107	-2.13171	0.0305512	0.690611	-1.44799	0.00556459	0.588331	-1.69972	17.9482	6.03093	0.298683	1
cg15503359	KIAA0494	0.00179344	?	?	?	0.0000373957	0.0741209	-13.4915	0.0209162	0.184249	-5.11057	?	?	?	0.00213707	0.174451	-5.73	0.829626	0.915765	1.09198	0.532164	0.932437	1.07259	0.765092	1.2645	1.2645	?	?	0.183476	0.109	2.163487	7.2	0.216244	1
cg08609308	KIAA0495	0.116-07	0.000110027	0.502512	-1.99	0.00532755	1.1645	1.16455	0.0136474	1.46108	1.46108	0.116-07	22.4522	22.4522	0.307759	0.911279	-1.09736	0.170247	1.1591	1.1591	0.15047	1.16859	1.16859	0.53394	1.10466	1.10466	0.0338636	0.849217	-1.17756	128.233	70.2526	0.143853	1
cg03909781	KIAA0495	4.23E-06	0.0186054	1.78927	1.78927	0.00142173	0.390101	-2.56344	4.15E-08	51.6089	51.6089	0.204067	1.31433	1.31433	0.85958	0.964534	-1.03677	0.193185	1.32419	1.32419	0.493866	0.867897	-1.15221	0.52404	1.14073	1.14073	0.0488883	1.58148	1.58148	50.6579	33.3629	0.585416	1
cg04394561	KIAA0495	0.0149365	0.1594	1.15843	1.15843	0.6566413	1.70948	1.70948	0.438	1.16776	1.16776	0.0196123	1.55711	1.55711	0.0497827	0.990321	-1.00299	0.0458355	1.13029	1.13029	0.3381	1.15247	1.15247	0.4681	1.12943	1.12943	0.4640406	1.15801	1.15801	0.4477022	1.12943	0.4640406	1.15801	0.4477022	1.12943	1.11943	0.4477022	1.12943	1
cg16991768	KIAA0495	0.00127832	0.43189	1.57401	1.57401	0.582031	0.730608	-1.36872	2.55E-05	199.928	199.928	0.225125	0.484959	-2.06203	0.0844257	0.335142	2.98381	0.531502	1.4305	1.4305	0.0365123	0.406795	0.994571	-1.00584	0.0392581	1.95946	3.95946	0.126319	0.053	65.3521	3.83274	1
cg08919646	KIAA0495	0.00778434	0.312309	1.61548	1.81348	0.0238813	0.346316	-2.88739	0.739467	1.21737	1.21737	0.747292	0.831857	-1.20216	0.000398402	0.0359762	-28.0299	0.012765	0.718314	-1.39203	0.0016464	0.763147	1.31383	0.160949	0.761196	-1.31383	0.160949	0.761196	0.378095	-2.64483	0.0131897	0.173781	-5.75436	0.99931	32.8707	4.56614	1
cg14912786	KIAA0495	0.00958118	0.007068482	0.292602	-3.41666	0.0394097	0.246816	-4.05137	0.0161	0.448208	2.28224	2.28224	0.183869	0.531751	-1.87993	0.00427953	-2.33695	0.000178	0.363897	-2.74803	0.0298212	0.655137	-2.46586	0.0135755	0.566899	-1.76398	0.00985939	0.416195	-2.40259	11.6526	5.99192	11.8276	1.75746	1
cg14655532	KIAA0495	0.0126566	0.815591	0.95729	-1.04414	0.39621	1.17488	1.17488	?	?	?	0.00821191	1.91632	1.91632	0.00793577	0.519435	-1.92517	0.0785257	0.692709	-1.4461	0.0293374	1.66885	1.66885	?	?	?	0.85727	1.03384	1.03384	6.42925	2.64839	0.411928	1
cg11253879	KIAA0495	0.0181715	0.3812091	1.18948	1.18948	0.0628054	0.680978	-1.46848	0.0219349	0.603764	-1.65628	0.454273	0.869442	-1.15016	0.0370067	1.55977	1.55977	0.0379322	0.411733	-2.42876	0.2294241	1.58069	1.60809	0.0138223	0.555515	-1.80131	0.0405514	0.730668	1.63586	0.4638	0.31988	1
cg11746651	KIAA0495	0.0214366	0.6096051	0.804581	-1.24288	0.2457138	0.506198	-1.97551	0.439631	1.55584	1.55584	0.990097	0.979198	-1.02124	0.00117989	0.0693625	-14.417	0.0119281	0.172122	5.80983	0.525547	0.697154	-1.4344	0.0702271	0.321432	-3.11108	0.0296461	0.237414	-4.21205	4.5946	22.8852	4.42745	1
cg05401852	KIAA0495;KIAA0495	4.44E-06	0.285045	0.840668	-1.19038	0.0376321	0.685008	-1.45984	5.55E-08	18.6274	18.6274	0.00544994	1.77496	1.77496	0.367678	1.1563	1.1563	0.552169	0.909026	-1.09989	0.1513288	1.2172	1.2172	0.4078356	1.02845	1.02845	0.4422099	1.13735	1.13735	4.46403	3.7764	0.940755	1
cg25467971	KIAA0495;KIAA0495	1.90E-05	0.311522	0.754604	-1.3252	0.272558	1.35948	1.35948	1.75E-07	75.8326	75.8326	0.375779	1.27691	1.27691	0.623648	0.875467	1.14225	0.219906	1.41467	1.41467	0.0318888	0.508051	-1.9665	0.190501	0.688798	-1.4518	0.205429	1.43225	1.34249	39.3143	1.0181	1
cg15427784	KIAA0495;KIAA0495	2.39E-05	0.00498318	0.349684	-2.85973	0.131717	1.58401	1.58401	2.97E-07	70.1661	70.1661	0.402418	0.784866	-1.2741	0.890231	1.03981	1.03981	0.0184076	0.445548	-2.24443	0.883886	1.04218	1.04218	0.41483	1.2657	1.2657	0.33381	1.32551	1.32551	32.3388	40.9288	1.125	1
cg20793449	KIAA0495;KIAA0495	8.60E-05	0.647751	1.18948	1.18948	0.0628054	0.680978	-1.46848	0.0219349	0.603764	-1.65628	0.454273	0.869442	-1.15016	0.0370067	1.55977	1.55977	0.0437557	1.24005	1.24005	0.1412305	1.20516	1.20516	0.9294815	1.02518	1.02518	0.2910182	1.36027	1.36027	23.5542	28.7905	1.51006	1
cg10634619	KIAA0495;KIAA0495	0.000837432	0.395524	1.28523	1.28523	0.755388	0.913817	-1.09431	8.41E-06	16.4188	16.4188	0.416054	1.27089	1.27089	0.856376	0.949095	-1.05364	0.57577	0.849561	-1.17708	0.419286	0.788215	-1.26869	0.2658	0.715766	-1.39711	0.940762	1.02166	1.02166	12.3717	16.2954	1.1708	1
cg27466129	KIAA0513	0.00261302	0.002477921	0.266666	-3.75001	0.0168366	0.643561	-1.55364	0.0135	0.39838	-2.5025	0.0128	0.299127	-3.10481	0.0013474	0.605464	-1.65147	0.0158308	-2.1308	0.884134	0.0952217	0.513474	0.605464	0.24031	-4.01107	0.0004429	0.315515	0.0146	0.819518	0.0008	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00076056	KIAA0513	0.00734615	0.0422962	0.762938	-1.31072	0.766141	-1.03511	1.03511	0.0582463	1.28093	1.28093	0.681091	1.04897	1.04897	0.00660851	0.665044	1.50366	0.960884	0.994343	-1.00569	0.000958983	0.566071	-1.76656	0.925908	1.01082	1.01082	0.013766	0.703083	-1.42231	0.516515	3.18039	0.188399	1
cg10019998	KIAA0513	0.0184213	0.065084	0.572124	-1.74787	0.6694882	1.72875	1.72875	0.090138	0.604395	-1.65455	0.555572	0.851522	-1.17437	0.0913615	0.605777	-1.65077	0.0079057	0.394363	-2.53573	0.0546234	1.79995	1.79995	0.080635	1.686	1.686	0.167976	0.672907	-1.48609	4.8373	5.56832	1.02322	1
cg05522042	KIAA0513	0.0404694	0.520353	1.08	1.08	0.0106666	0.643561	-1.55364	0.0135	0.39838	-2.5025	0.0128	0.299127	-3.10481	0.0013474	0.605464	-1.65147	0.0265432	2.26872	-2.70687	0.0152208	0.61384	1.81196	0.0127788	0.878353	1.13868	0.0127788	0.878353	1.13868	0.0127788	0.878353	1.13868	0.0127788	0.878353	1.13868	0.0127788	0.878353	1.13868	1
cg01250138	KIAA0513	0.0301717	0.4273	0.760636	-1.31469	0.651227	1.16605	1.16605	0.14654	0.590929	-1.69225	0.770016	1.10402	1.10402	0.000545913	0.163106	-6.13099	0.2958	0.693566	-1.44482	0.133419	0.578039	-1.72999	0.86559	1.05885	1.05885	0.278124	0.683379	-1.46332	4.07856	7.36094	1.60426	1
cg02089355	KIAA0513	0.0353176	0.146623	0.5	-2	0.0768446	1.134	1.134	0.36	0.44422	0.44422	0.049728	0.976

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09927637	KIAA0664	0.000344812	0.261916	1.27563	1.27563	0.00675827	0.4816	-2.07641	0.0229112	0.567578	-1.76187	0.000292955	0.292831	-3.41494	6.09E-05	0.214331	-4.66569	0.000484127	0.320264	-3.12243	0.00764902	0.489937	-2.04108	0.146382	1.38325	1.38325	0.00510921	0.463042	-2.15963	15.8341	10.8598	0.609646	1
cg18350520	KIAA0664	0.00253231	0.0078292	0.530302	-1.88572	0.62085	0.911499	-1.09709	0.0147796	1.74625	1.74625	0.0102494	1.82469	1.82469	0.436581	0.862865	-1.15893	0.0108255	1.81265	1.81265	0.00143286	2.35563	2.35563	0.00393686	2.05634	2.05634	0.755176	1.05985	1.05985	8.99796	4.92192	0.486225	1
cg11990813	KIAA0664	0.0035332	0.0116649	0.595805	-1.6784	0.333766	1.17796	1.17796	0.0579323	0.70316	-1.42215	0.0016239	0.476161	-2.10013	0.000162088	0.347256	-2.87972	0.0943894	0.739277	-1.35267	0.406336	0.869741	-1.14977	0.582953	0.912925	-1.09538	0.115862	0.755195	-1.32416	8.15074	3.48423	0.379977	1
cg00576853	KIAA0664	0.00634141	0.230032	0.826212	-1.21034	0.112269	1.29968	1.29968	0.00729905	1.68955	1.68955	0.0903231	0.753569	-1.32702	0.830386	0.968004	-1.03305	0.134729	1.27692	1.27692	0.000653758	2.20769	2.20769	0.946889	0.989952	-1.01015	0.0645277	0.729943	-1.36997	6.82141	2.48267	0.323514	1
cg21733020	KIAA0664	0.00646245	0.544094	0.898187	-1.11335	0.351015	0.845471	-1.18277	0.00768222	0.549316	-1.82045	0.842064	1.0355	1.0355	0.908715	1.02026	1.02026	0.00072216	0.406751	-2.45851	0.00509363	1.91056	1.91056	0.634851	1.08727	1.08727	0.722065	0.939451	-1.06445	6.78155	3.28473	0.430544	1
cg20243898	KIAA0664	0.0123447	0.96972	1.00556	1.00556	0.00252551	0.541963	-1.84514	0.701955	1.05778	1.05778	0.670676	1.06448	1.06448	0.174625	1.23484	1.23484	0.0127764	1.57129	1.57129	0.102986	1.2977	1.2977	0.992146	0.998563	-1.00144	0.0137616	0.640878	-1.56036	5.52246	1.86674	0.300469	1
cg12281647	KIAA0664	0.0170401	0.141652	0.705285	-1.41787	0.0119835	0.500293	-1.99883	0.876028	1.0351	1.0351	0.478032	0.85268	-1.17277	0.0660228	0.634036	-1.5772	0.153242	1.402	1.402	0.00398624	2.35177	2.35177	0.329419	0.800609	-1.24905	0.0845094	0.656001	-1.52439	4.96556	3.839	0.687222	1
cg23001456	KIAA0664	0.0189661	0.679909	0.928417	-1.0771	0.00485906	0.512467	-1.95135	0.859023	0.968672	-1.03234	0.134961	1.33442	1.33442	0.289464	0.821318	-1.21756	0.00306181	0.483816	-2.0669	0.150474	1.31774	1.31774	0.491089	1.13339	1.13339	0.477662	1.13797	1.13797	4.78995	2.43146	0.451216	1
cg12994911	KIAA0664	0.0227397	0.626037	0.843587	-1.18541	0.392781	1.3542	1.3542	0.00313073	0.246807	-4.05175	0.071877	2.00558	2.00558	0.107004	1.83934	1.83934	0.0164453	2.76021	2.76021	0.219256	1.56433	1.56433	0.391857	1.35504	1.35504	0.365484	1.37994	1.37994	4.50248	8.55382	1.68871	1
cg03422895	KIAA0664	0.0229837	0.00986072	0.219162	-4.56284	0.121787	0.4581	-2.18293	0.314484	0.616227	-1.62278	0.982872	0.990058	-1.01004	0.111087	0.44579	-2.24321	0.00834996	0.2083	-4.80077	0.00161679	0.122011	-8.19598	0.423547	0.683563	-1.46292	0.261579	0.579896	-1.72445	4.48595	15.3912	3.04975	1
cg20201957	KIAA0664	0.0233536	0.339516	0.846497	-1.18134	0.0085521	0.566708	-1.76458	0.0873992	0.726546	-1.37638	0.289568	1.20453	1.20453	0.0796253	0.719404	-1.39004	0.377393	1.16571	1.16571	0.00850581	1.76565	1.76565	0.328924	0.843181	-1.18599	0.248169	0.815163	-1.22675	4.46132	2.02485	0.403438	1
cg08409553	KIAA0664	0.0377963	0.59921	0.898713	-1.1127	0.151329	1.36291	1.36291	0.196701	1.31636	1.31636	0.0277765	0.592285	-1.68838	0.00250588	0.429345	-2.32913	0.577008	0.89273	-1.12016	0.458639	0.859019	-1.16412	0.647502	0.91146	-1.09714	0.207037	0.764935	-1.3073	3.76052	2.41528	0.570909	1
cg16447680	KIAA0748	0.000288376	0.064343	0.471822	-2.11945	0.00033072	0.123098	-8.1236	0.00114973	0.177832	-5.62328	0.000258279	0.113802	-8.78719	0.00161716	0.195255	-5.12152	0.0280232	0.391401	-2.55492	7.11E-05	0.0729848	-13.7015	0.000300719	0.119464	-8.37074	0.00173781	0.199071	-5.02333	16.6289	34.4018	1.83893	1
cg16903782	KIAA0748	0.000617674	0.0693953	0.595296	-1.67984	0.722307	0.912909	-1.0954	0.00236499	0.338653	-2.95287	0.00293409	0.352285	-2.83861	1.53E-05	0.101735	-9.82949	0.198922	0.707064	-1.4143	0.00599935	0.399723	-2.50174	0.91187	0.972124	-1.02868	0.00520624	0.390038	-2.56385	13.4743	13.9152	0.917974	1
cg02554168	KIAA0748	0.000916842	0.0958597	0.549606	-1.81948	0.449667	0.777167	-1.28673	0.0013098	0.21631	-4.62299	0.0203562	0.400486	-2.49697	2.61E-05	0.0656296	-15.237	0.0179368	0.390124	-2.56329	0.00249815	0.252908	-3.95401	0.408452	0.758289	-1.31876	0.00903217	0.337527	-2.96273	12.0594	20.4548	1.50771	1
cg00240653	KIAA0748;KIAA0748	3.53E-05	0.0569676	0.724056	-1.38111	9.25E-05	0.35134	-2.84624	1.26E-05	0.252264	-3.9641	0.000270145	0.408447	-2.4483	0.0116372	1.60434	1.60434	0.00672132	0.590463	-1.69359	5.02E-05	0.319872	-3.12625	0.125933	0.780193	-1.28173	3.68E-05	0.304161	-3.28773	29.1772	10.3832	0.316325	1
cg25486399	KIAA0748;KIAA0748	0.000857565	0.022409	0.570579	-1.75261	0.301202	0.802749	-1.24572	0.000594223	0.337058	-2.96685	0.647689	0.909946	-1.09897	0.0618162	0.649599	-1.53941	0.13414	0.717966	-1.39282	1.88E-05	0.167628	-5.96558	0.00948003	0.509557	-1.96249	0.0518364	0.635185	-1.57435	12.2891	8.18818	0.592262	1
cg08829007	KIAA0748;KIAA0748	0.00250816	0.104478	0.485052	-2.06164	0.739895	0.872992	-1.14549	0.00132111	0.148877	-6.71696	0.00330073	0.19559	-5.11272	0.0199855	0.318321	-3.14148	0.738028	0.872102	-1.14665	0.00630225	0.234458	-4.26516	0.000182149	0.0757366	-13.2037	0.356018	0.679062	-1.47262	9.02338	23.7523	2.33983	1
cg02710015	KIAA0748;KIAA0748	0.0262811	0.299452	1.33558	1.33558	0.0111978	0.425152	-2.3521	0.246271	0.721601	-1.38581	0.747281	0.916678	-1.0909	0.277768	1.35489	1.35489	0.283374	1.34976	1.34976	0.495959	1.20446	1.20446	0.00264586	0.326513	-3.06266	0.239518	0.717896	-1.39296	4.28195	4.91056	1.01938	1
cg27224372	KIAA0753	0.000314301	0.00086054	0.583356	-1.71422	0.197968	1.15783	1.15783	0.717268	1.03994	1.03994	0.805101	1.02698	1.02698	2.41E-05	0.404011	-2.47518	0.00348652	0.652507	-1.53255	0.00091046	0.586156	-1.70603	0.0571461	1.26085	1.26085	0.135432	0.840869	-1.18925	16.2417	2.98386	0.163303	1
cg13067509	KIAA0753	0.00235139	0.308274	0.696993	-1.43474	0.442054	0.764664	-1.30776	0.00342964	0.256443	-3.89951	0.0351727	0.431756	-2.31612	8.93E-05	0.0906658	-11.0295	0.00628724	0.295694	-3.38188	0.105428	0.545791	-1.8322	0.523025	0.801255	-1.24804	0.00292561	0.246775	-4.05228	9.19619	17.066	1.64957	1
cg13221924	KIAA0753	0.0271297	0.00981822	0.115442	-8.66236	0.0111529	0.121959	-8.19949	0.0520135	0.231747	-4.31505	0.0816301	0.279022	-3.58395	0.0138335	0.133706	-7.47908	0.0670382	0.257234	-3.88752	0.0131298	0.130771	-7.64695	0.449987	0.601006	-1.66388	0.0322686	0.190444	-5.25088	4.23454	29.3399	6.15887	1
cg16536857	KIAA0753	0.0373668	0.0190311	0.116257	-8.6016	0.451678	0.559182	-1.78833	0.0561965	0.194115	-5.15159	0.40356	0.523117	-1.91162	0.0286005	0.141171	-7.08362	0.251875	2.47785	2.47785	0.00716224	0.0719206	-13.9042	0.963932	1.03487	1.03487	0.0526472	0.188243	-5.31229	3.77625	34.3684	8.08995	1
cg21696827	KIAA0753	0.0410134	0.0169821	0.250492	-3.99214	0.121313	2.22287	2.22287	0.480144	0.710831	-1.4068	0.075214	0.38982	-2.56529	0.957011	1.02597	1.02597	0.125509	0.454541	-2.20002	0.0185047	0.257072	-3.88997	0.129749	2.17787	2.17787	0.163035	0.492596	-2.03006	3.6493	13.0701	3.18359	1
cg26723560	KIAA0753;TXNDC17	0.0119094	0.00914618	0.512904	-1.94968	0.416655	0.845849	-1.18224	0.063238	1.52398	1.52398	0.136846	0.723833	-1.38153	0.773629	0.943497	-1.05989	0.0709896	0.665776	-1.50201	0.141076	0.726703	-1.37608	0.00128158	0.387956	-2.57762	0.0206037	0.569847	-1.75486	5.58721	3.59911	0.572595	1
cg13873762	KIAA0753;TXNDC17	0.0387162	0.792368	1.04144	1.04144	0.830501	0.967548	-1.03354	0.260739	1.19784	1.19784	0.0862922	0.747032	-1.33863	0.165818	1.25539	1.25539	0.00822541	0.594376	-1.68244	0.0102377	0.607661	-1.64565	0.260792	0.834856	-1.19781	0.66051	1.07039	1.07039	3.72756	1.39823	0.333427	1
cg03518138	KIAA0754;MACF1;MACF1	0.00524074	0.00601887	0.468245	-2.13563	0.146491	1.3903	1.3903	0.112305	1.44127	1.44127	0.00416275	2.25237	2.25237	0.00258534	0.41357	-2.41797	0.145072	1.39216	1.39216	0.476753	0.858161	-1.16528	0.228854	0.765679	-1.30603	0.856611	1.03898	1.03898	7.23385	5.12118	0.629286	1
cg07959576	KIAA0754;MACF1;MACF1	0.0104361	0.655367	0.915976	-1.09173	0.212077	0.773519	-1.29279	0.746468	1.06543	1.06543	0.739925	1.06725	1.06725	0.635008	1.09793	1.09793	0.281859	1.2442	1.2442	0.000143252	0.277902	-3.5984	0.655446	0.915996	-1.09171	0.920722	0.980739	-1.01964	5.83034	3.52455	0.537351	1
cg26349672	KIAA0754;MACF1;MACF1	0.0152134	0.115231	1.32995	1.32995	0.397847	0.865771	-1.15504	0.0191187	0.623646	-1.60347	0.166718	0.78233	-1.27823	0.257746	0.821487	-1.2173	0.0138189	0.602527	-1.65968	0.00771905	1.768	1.768	0.132557	1.31027	1.31027	0.469887	1.13022	1.13022	5.15654	2.26404	0.390277	1
cg14893456	KIAA0754;MACF1;MACF1	0.0187138	0.538059	1.3201	1.3201	0.0671059	2.49455	2.49455	0.148233	1.99538	1.99538	0.0179013	3.603	3.603	0.0732251	2.43483	2.43483	0.845831	1.09058	1.09058	0.00234006	0.150742	-6.63384	0.533578	0.755136	-1.32427	0.745355	1.15622	1.15622	4.81167	15.1202	2.79325	1
cg19589131	KIAA0754;MACF1;MACF1	0.0229381	0.0299838	0.598671	-1.67037	0.020999	0.572384	-1.74708	0.408683	1.18508	1.18508	0.51588	1.14154	1.14154	0.198668	0.761132	-1.31383	0.385716	0.836363	-1.19565	0.00233248	0.425673	-2.34922	0.0228808	0.578637	-1.7282	0.934622	1.01662	1.01662	4.48903	2.87083	0.568464	1
cg23108607	KIAA0754;MACF1;MACF1	0.0308358	0.100093	0.695681	-1.43744	0.0426927	0.625072	-1.59982	0.00161613	0.4024	-2.48509	0.307177	0.808239	-1.23726	0.195584	0.759069	-1.3174	0.0377243	0.615467	-1.62478	0.0517288	0.640261	-1.56186	0.451268	1.16716	1.16716	0.134581	0.722594	-1.3839	4.04708	2.59976	0.571004	1
ch.18.196065F	KIAA0802	0.00588896	0.000693025	0.106667	-9.37498	0.00170613	0.144198	-6.9349	0.531192	1.31549	1.31549	0.00347971	0.1801	-5.55246	0.31671	0.639242	-1.56435	0.047825	0.376001	-2.65957	0.0861397	0.440551	-2.26989	0.276078	0.612755	-1.63197	0.0565947	0.393386	-2.54203	6.97927	20.6577	2.63099	1
cg10835893	KIAA0831	0.00216287	0.523082	0.928198	-1.07736	0.00327426	1.58635	1.58635	0.00177641	1.66908	1.66908	0.264931	0.874801	-1.14312	0.432023	1.09671	1.09671	0.0187496	0.720436	-1.38805	0.00217371	0.609445	-1.64084	0.505193	1.08095	1.08095	0.0251032	1.35897	1.35897	9.42409	1.9782	0.186586	1
cg23895065	KIAA0831	0.00535522	0.276214	0.60292	-1.6586	0.0719198	0.407602	-2.45337	0.0880241	0.431277	-2.3187	0.569599	0.773576	-1.2927	0.000257363	0.0680405	-14.6971	0.94186	0.967941	-1.03312	0.000703409	0.0995264	-10.0476	0.462272	0.715848	-1.39695	0.143288	0.495275	-2.01908	7.18613	22.7125	2.80942	1
cg12192145	KIAA0831	0.00723148	0.914802	0.974573	-1.02609	0.00216081	0.354769	-2.81874	0.0924442	0.640386	-1.56156	0.630097	1.12388	1.12388	0.000410681	0.259191	-3.85816	0.967732	1.00978	1.00978	0.685437	1.10297	1.10297	0.243178	1.34168	1.34168	0.711541	0.914487	-1.09351	6.54828	6.00721	0.815441	1
cg00917437	KIAA0831	0.00809675	0.114089	0.584562	-1.71068	0.0021792	0.261061	-3.83053	0.51213	0.812478	-1.2308	0.657999	1.1493	1.1493	0.00140468	0.235806	-4.24077	0.258719	0.692066	-1.44495	0.00284036	0.277092	-3.60891	0.0321198	0.456547	-2.19036	0.727094	0.896337	-1.11565	6.32019	9.76591	1.3735	1
cg01923255	KIAA0831	0.0445097	0.479308	0.940573	-1.06318	0.843806	1.01695	1.01695	0.889383	0.988215	-1.01193	0.0593054	0.834122	-1.19887	0.351343	1.08514	1.08514	0.0501789	0.826779	-1.20951	0.00700866	0.743015	-1.34587	0.0438049	1.21824	1.21824	0.826296	0.98145	-1.0189	3.54001	0.406897	0.102171	1
cg13550432	KIAA0892	0.019848	0.46711	0.881722	-1.13414	0.00570491	0.539741	-1.85274	0.975219	1.0053	1.0053	0.0150698	0.601592	-1.66226	0.317629	0.838847	-1.19211	0.495865	1.12483	1.12483	0.00901662	1.75905	1.75905	0.136268	0.761031	-1.31401	0.898484	1.02195	1.02195	4.71677	2.16184	0.407405	1
cg26981306	KIAA0892	0.0434765	0.0220958	2.11983	2.11983	0.0310633	1.99951	1.99951	0.620061	1.14662	1.14662	0.0262866	2.05747	2.05747	0.988946	0.996215	-1.0038	0.0437113	1.8865	1.8865	0.00871929	2.49656	2.49656	0.115259	1.59805	1.59805	0.067224	1.75331	1.75331	3.57117	4.23884	1.05508	1
cg27337492	KIAA0892;SF4	0.00324551	0.0253637	0.547652	-1.82598	0.0714525	0.633783	-1.57783	0.165524	0.715287	-1.39804	0.0490541	1.66367	1.66367	0.897309	1.02968	1.02968	0.401151	1.21492	1.21492	0.000115976	0.216403	-4.62102	0.848246	1.04436	1.04436	0.153552	1.41364	1.41364	8.3602	6.79545	0.722519	1
cg11817804	KIAA0895	0.000134336	0.00281244	0.449437	-2.22501	0.000906722	0.381233	-2.62307	0.000721985	0.368047	-2.71704	0.00347882	0.46276	-2.16095	1.58E-05	0.176885	-5.6534	0.0174692	0.569979	-1.75445	1.92E-05	0.185132	-5.40156	0.0122562	0.545388	-1.83356	0.00434342	0.476848	-2.0971	20.4554	12.2319	0.531538	1
cg18607470	KIAA0895;KIAA0895	0.00305082	0.35913	0.851654	-1.17419	6.64E-05	3.474	3.474	0.431541	1.1465	1.1465	0.905809	0.980043	-1.02036	0.286908	1.20722	1.20722	0.178682	1.27547	1.27547	0.952053	0.989812	-1.01029	0.0406636	1.49554	1.49554	0.00424022	1.91912	1.91912	8.51555	3.91136	0.408285	1
cg02926488	KIAA0895;KIAA0895	0.0205163	0.813564	1.16934	1.16934	0.641817	1.36372	1.36372	0.302188	2.02954	2.02954	?	?	?	0.0200921	0.156119	-6.40536	0.00114478	0.0421581	-23.7202	0.175742	0.385435	-2.59447	0.116473	0.323182	-3.09423	0.535161	0.659756	-1.51571	4.74828	29.3135	6.17351	1
cg16328023	KIAA0895;KIAA0895	0.0338458	0.328223	0.61767	-1.61899	0.0485084	0.340941	-2.93306	0.0506128	0.34526	-2.89637	0.00941643	0.207747	-4.81354	0.0159841	0.244579	-4.08866	0.0487173	0.341376	-2.92932	0.0746409	0.387486	-2.58074	0.649129	0.803575	-1.24444	0.00736881	0.192298	-5.20025	3.91425	14.1301	3.20882	1
cg22216069	KIAA0895;KIAA0895;KIAA0895	0.00602206	0.00809983	1.44078	1.44078	?	?	?	0.660922	0.953572	-1.04869	0.00734193	0.689215	-1.45093	0.303227	0.891495	-1.12171	0.00468882	0.6671	-1.49902	0.0630351	0.798339	-1.2526	0.659368	1.04894	1.04894	0.0397972	1.29174	1.29174	7.07746	1.1558	0.163307	1
cg23700778	KIAA0895;KIAA0895;KIAA0895	0.0490537	0.100571	1.25328	1.25328	0.0241922	1.40117	1.40117	0.149218	1.21424	1.21424	0.0777631	1.27893	1.27893	0.119901	1.23586	1.23586	0.849956	1.02405	1.02405	0.0196531	0.702059	-1.42438	0.540382	0.925156	-1.0809	0.728295	0.957172	-1.04474	3.4128	0.85145	0.221766	1
cg04550079	KIAA0895L	1.97E-05	0.502095	0.863287	-1.15836	0.000330137	3.49422	3.49422	1.30E-06	14.5728	14.5728	0.000165575	3.99503	3.99503	0.0472883	1.63199	1.63199	0.0588451	1.58486	1.58486	0.513807	0.86685	-1.1536	5.89E-06	8.99055	8.99055	0.0302355	1.73298	1.73298	34.0181	25.0909	0.655622	1
cg03695147	KIAA0895L	0.000553262	0.615134	1.22628	1.22628	0.00544975	4.35431	4.35431	0.000525176	8.79757	8.79757	0.000333649	10.2698	10.2698	0.786563	1.1154	1.1154	0.00767096	3.97046	3.97046	0.000385507	9.76855	9.76855	0.000150807	13.7064	13.7064	0.0287321	2.82382	2.82382	13.8942	35.632	2.27957	1
cg01560140	KIAA0895L	0.00744347	0.162188	1.66145	1.66145	0.0847567	1.9127	1.9127	0.2102	1.56706	1.56706	0.0305345	2.37425	2.37425	0.143864	1.70608	1.70608	0.16334	1.65884	1.65884	0.000557872	6.18011	6.18011	0.000916353	5.39515	5.39515	0.0194625	2.61403	2.61403	6.48937	11.8943	1.62924	1
cg17105206	KIAA0895L	0.0339293	0.694286	1.14129	1.14129	0.0507089	2.1061	2.1061	0.0331181	2.30119	2.30119	0.427091	1.31165	1.31165	0.274846	1.46243	1.46243	0.0464389	2.14494	2.14494	0.00415734	3.61536	3.61536	0.00573126	3.35931	3.35931	0.27026	1.46822	1.46822	3.91077	6.93271	1.57575	1
cg09758204	KIAA0895L;EXOC3L	0.00411469	0.274186	0.573336	-1.74418	0.000719476	12.383	12.383	0.048468	3.01073	3.01073	0.322348	1.64841	1.64841	0.553851	1.34014	1.34014	0.133127	2.20816	2.20816	0.00097269	11.0173	11.0173	0.0025692	7.72083	7.72083	0.0543852	2.90726	2.90726	7.78582	29.4746	3.36505	1
cg15321396	KIAA0895L;EXOC3L	0.00990929	0.555331	1.1861	1.1861	0.0368246	2.00129	2.00129	0.376609	1.29638	1.29638	0.0679709	1.79468	1.79468	0.0981002	1.68051	1.68051	0.00387489	3.04338	3.04338	0.00161584	3.64435	3.64435	0.0027209	3.26833	3.26833	0.0228185	2.18012	2.18012	5.92787	7.68428	1.15226	1
cg16548780	KIAA0895L;EXOC3L	0.0191557	0.09541	5.76829	5.76829	0.1123	5.22679	5.22679	0.228785	3.34735	3.34735	0.129928	4.78178	4.78178	0.0628494	7.40409	7.40409	0.0293728	11.6407	11.6407	0.00101963	105.579	105.579	0.00959059	23.0352	23.0352	0.0266901	12.3272	12.3272	4.77387	69.1808	12.8814	1
cg01568244	KIAA0895L;EXOC3L	0.0462703	0.230618	0.568213	-1.7599	0.00338936	5.99324	5.99324	0.194842	1.85219	1.85219	0.0278473	3.21662	3.21662	0.481909	1.37888	1.37888	0.0566518	2.63726	2.63726	0.971188	1.01637	1.01637	0.128716	2.09172	2.09172	0.401034	1.47161	1.47161	3.4889	11.1634	2.84416	1
cg07545278	KIAA0895L;EXOC3L	0.0479214	0.136142	3.74811	3.74811	0.0624499	5.61406	5.61406	0.146787	3.60121	3.60121	0.366653	2.14482	2.14482	0.538742	0.599248	-1.66876	0.0712322	5.24807	5.24807	0.00820676	16.1603	16.1603	0.012133	13.0976	13.0976	0.047494	6.45721	6.45721	3.4431	36.9143	9.52998	1
cg08190410	KIAA0895L;KIAA0895L	0.0117341	0.872896	0.956909	-1.04503	0.0403561	0.521255	-1.91845	0.201366	0.689897	-1.44949	0.000673973	0.239193	-4.18072	0.036828	0.513162	-1.9487	0.733144	0.910144	-1.09873	0.0405623	0.521709	-1.91678	0.475456	1.22098	1.22098	0.0867814	1.68269	1.68269	5.61413	6.72997	1.06556	1
cg03974717	KIAA0895L;KIAA0895L	0.0120342	0.117525	0.772266	-1.29489	0.00208785	0.517699	-1.93163	0.061892	1.3766	1.3766	0.308913	0.852074	-1.17361	0.0154834	0.636686	-1.57063	0.647352	0.93238	-1.07252	0.00495861	0.568051	-1.76041	0.0740527	0.738874	-1.35341	0.606912	0.924142	-1.08209	5.56835	2.03797	0.325327	1
cg08845486	KIAA0895L;KIAA0895L	0.0296078	0.618434	1.0729	1.0729	0.142185	1.24748	1.24748	0.0132334	1.53775	1.53775	0.107228	1.27941	1.27941	0.0122754	1.54822	1.54822	0.442256	0.896013	-1.11605	0.661244	0.940076	-1.06374	0.00562294	1.66427	1.66427	0.0829169	1.30876	1.30876	4.10596	1.27715	0.276487	1
cg02805690	KIAA0907	0.00580805	0.000786712	0.322821	-3.09769	0.188278	1.36421	1.36421	0.954201	0.987287	-1.01288	0.241079	1.31442	1.31442	0.494837	0.856909	-1.16698	0.45195	1.18616	1.18616	0.719885	1.08353	1.08353	0.993003	1.00196	1.00196	0.000786503	0.322806	-3.09784	7.00909	5.50921	0.698675	1
cg09267708	KIAA0907	0.0168387	0.155002	0.649125	-1.54054	0.955885	0.984415	-1.01583	0.132787	0.630956	-1.5849	0.834929	1.06104	1.06104	0.00537348	0.353177	-2.83144	0.00915812	0.390724	-2.55935	0.052573	0.53485	-1.86968	0.0169477	2.28627	2.28627	0.305052	0.739658	-1.35198	4.98535	6.36547	1.13496	1
cg22801736	KIAA0907	0.0398075	0.0364518	0.583879	-1.71268	0.226418	0.754973	-1.32455	0.475361	0.851608	-1.17425	0.104613	0.675335	-1.48075	0.0201522	0.537838	-1.8593	0.0123171	0.501703	-1.99321	0.00724928	0.464579	-2.15249	0.787379	0.941929	-1.06165	0.0385966	0.588492	-1.69926	3.68968	2.86175	0.68943	1
ch.1.3042365R	KIAA0907	0.0474673	0.0589828	0.553844	-1.80556	0.0020989	0.301506	-3.31668	0.0275425	0.485708	-2.05885	0.0509527	0.540067	-1.85162	0.248496	0.715867	-1.39691	0.449369	0.807672	-1.23813	0.553881	0.847114	-1.18048	0.0954059	0.601925	-1.66134	0.305889	0.745463	-1.34145	3.4555	4.20185	1.08088	1
cg18088056	KIAA0913	2.49E-06	0.00688818	0.845019	-1.1834	0.0036133	1.21054	1.21054	0.0188517	1.145	1.145	0.00059524	1.30098	1.30098	1.05E-07	0.377068	-2.65204	0.000102436	1.4189	1.4189	0.000220216	1.36315	1.36315	0.00338785	1.21338	1.21338	0.106378	0.920796	-1.08602	85.9031	2.83806	0.0256961	1
cg01954649	KIAA0913	0.000683317	0.662656	1.06133	1.06133	0.000674296	0.49411	-2.02384	0.000918651	0.510907	-1.9573	0.0299817	1.41369	1.41369	0.000678512	0.494448	-2.02246	0.852893	1.02549	1.02549	0.00235594	1.77776	1.77776	0.625293	0.935439	-1.06902	0.935769	1.01099	1.01099	13.0992	3.81458	0.258852	1
cg17694069	KIAA0913	0.000842461	0.900192	1.00728	1.00728	0.277582	0.936783	-1.06748	0.834629	0.987982	-1.01216	0.0114717	1.20072	1.20072	0.808043	0.986021	-1.01418	0.0301057	0.862852	-1.15895	0.00038161	0.72031	-1.38829	0.00158852	0.76939	-1.29973	0.000826567	1.33811	1.33811	12.3509	0.654278	0.0470883	1
cg24111809	KIAA0913	0.00498926	0.0194887	1.55332	1.55332	0.573514	1.09276	1.09276	0.655877	0.932441	-1.07245	0.127098	1.29348	1.29348	0.0544318	0.711515	-1.40545	0.292796	0.843484	-1.18556	0.000632868	0.440921	-2.26798	0.311977	1.17719	1.17719	0.0113546	1.63938	1.63938	7.34341	2.82895	0.342433	1
cg23074011	KIAA0913	0.00553755	0.833	0.977767	-1.02274	0.533453	0.935043	-1.06947	0.123173	1.19463	1.19463	0.0383078	0.774437	-1.29126	0.0458478	1.276	1.276	0.472965	0.925217	-1.08083	0.000179466	0.508914	-1.96497	0.370011	1.103	1.103	0.677572	0.956453	-1.04553	7.11268	1.27734	0.159632	1
cg11271505	KIAA0913	0.0137008	0.0333626	2.35589	2.35589	0.924686	0.96794	-1.03312	0.0118416	2.95326	2.95326	0.00321611	0.25016	-3.99743	?	?	?	0.154357	1.69118	1.69118	0.495488	0.787797	-1.26936	0.65084	0.854687	-1.17002	0.162252	1.67233	1.67233	5.44024	9.09602	1.67199	1
cg13403223	KIAA0913	0.0219819	0.0249072	0.199088	-5.02291	0.226952	0.464384	-2.15339	0.138662	0.381406	-2.62188	0.565824	0.703994	-1.42047	0.00441553	0.100491	-9.95111	0.02313	0.193569	-5.16612	0.00455774	0.101825	-9.82075	0.461961	0.635837	-1.57273	0.0149626	0.163805	-6.10482	4.55523	26.3785	5.1474	1
cg20367304	KIAA0922;KIAA0922	6.35E-06	0.00470784	0.723127	-1.38288	0.39016	1.07897	1.07897	6.53E-06	0.420437	-2.37848	0.0349986	0.808929	-1.2362	4.00E-05	0.507918	-1.96882	0.0987816	0.855362	-1.1691	6.03E-07	0.305956	-3.26845	0.415517	1.07447	1.07447	6.97E-06	0.423634	-2.36053	45.6358	5.38443	0.104877	1
cg03464224	KIAA0922;KIAA0922	1.19E-05	1.25E-05	0.112537	-8.88599	0.025238	0.531766	-1.88053	0.936424	0.981244	-1.01911	0.550908	0.86657	-1.15397	0.00103136	0.315372	-3.17085	0.0571953	0.600102	-1.66638	3.45E-07	0.0302089	-33.1028	0.224688	1.3535	1.3535	0.00014889	0.212901	-4.69702	38.7762	34.5946	0.793032	1
cg25570522	KIAA0922;KIAA0922	0.00399026	0.371304	0.921509	-1.08518	0.486132	1.06504	1.06504	0.568874	0.950019	-1.05261	0.794519	0.977026	-1.02351	0.142859	1.15054	1.15054	0.00811211	1.35234	1.35234	0.00037964	1.65785	1.65785	0.173489	0.879012	-1.13764	0.00896238	0.7438	-1.34445	7.85826	0.986852	0.111628	1
cg13432241	KIAA0922;KIAA0922	0.00613827	0.00476789	0.150565	-6.64165	0.00107521	0.0871207	-11.4783	0.00626732	0.165361	-6.04736	0.0174333	0.231659	-4.31668	0.0378452	0.296188	-3.37623	0.0427004	0.30763	-3.25066	0.00234796	0.117046	-8.54366	0.0372058	0.294607	-3.39435	0.139812	0.44809	-2.2317	6.89049	27.8622	3.59429	1
cg07954414	KIAA0922;KIAA0922	0.0067179	0.00667853	0.292412	-3.41983	0.00120765	0.190829	-5.24028	0.00965788	0.318443	-3.14028	0.0254975	0.395528	-2.52827	0.0183054	0.367688	-2.7197	0.0637754	0.482809	-2.07121	0.00276126	0.23628	-4.23226	0.0245539	0.392272	-2.54925	0.6873	0.868151	-1.15187	6.70039	12.9563	1.71881	1
cg24284882	KIAA0922;KIAA0922	0.00863623	0.336772	0.870565	-1.14868	0.0396346	0.716761	-1.39516	0.215189	1.20033	1.20033	0.134908	1.25305	1.25305	0.0145496	1.52385	1.52385	0.0451886	1.37935	1.37935	0.00333558	1.74918	1.74918	0.028746	0.696965	-1.43479	0.376094	0.880618	-1.13557	6.19281	1.92126	0.275769	1
cg21908828	KIAA0922;KIAA0922	0.0137661	0.00369559	0.217024	-4.60779	0.505578	0.768704	-1.30089	0.00582415	0.245083	-4.08026	0.24046	0.619667	-1.61377	0.0315986	0.374763	-2.66836	0.0961942	0.490969	-2.03679	0.00153887	0.169584	-5.89679	0.0709458	0.455832	-2.19379	0.301705	0.65924	-1.5169	5.3293	12.799	2.13477	1
cg11689625	KIAA0922;KIAA0922	0.0176026	0.0254219	0.329216	-3.03752	0.702623	0.851771	-1.17402	0.010213	0.258082	-3.87473	0.142872	0.517551	-1.93218	0.00222726	0.166676	-5.99966	0.0272819	0.335363	-2.98184	0.0100071	0.256652	-3.89633	0.0375841	0.364589	-2.74281	0.43129	0.714657	-1.39927	4.91183	13.6087	2.46275	1
cg16516091	KIAA0922;KIAA0922	0.0241245	0.112117	0.583975	-1.7124	0.565496	1.19798	1.19798	0.00647158	0.332629	-3.00635	0.58131	0.84098	-1.18909	0.00740046	0.342023	-2.92378	0.11186	0.58371	-1.71318	0.0221836	0.426315	-2.34568	0.144901	1.62712	1.62712	0.997935	1.00081	1.00081	4.41148	6.75481	1.36106	1
cg21567066	KIAA0922;KIAA0922	0.0388764	0.0894206	0.662907	-1.50851	0.0340862	0.58104	-1.72105	0.424458	0.836047	-1.19611	0.148607	0.711688	-1.40511	0.132996	0.700587	-1.42737	0.0083487	2.09585	2.09585	0.427602	0.837104	-1.19459	0.97185	1.00778	1.00778	0.180701	1.36619	1.36619	3.72192	2.84086	0.678469	1
cg24020152	KIAA0922;KIAA0922	0.0390758	0.0506913	0.311356	-3.21176	0.055032	0.319793	-3.12702	0.424655	0.652282	-1.53308	0.252155	0.534255	-1.87177	0.0402954	0.288946	-3.46085	0.251782	0.533968	-1.87277	0.0013476	0.0871263	-11.4776	0.855823	0.909088	-1.1	0.119145	0.412174	-2.42616	3.71493	16.1582	3.86624	1
cg02243630	KIAA0922;KIAA0922	0.0426181	0.0876529	0.43385	-2.30494	0.00354673	0.173689	-5.75743	0.00862723	0.226864	-4.40792	0.210304	0.557257	-1.79451	0.0992428	0.449126	-2.22655	0.326342	0.638359	-1.56652	0.0527847	0.377159	-2.65141	0.127759	0.482211	-2.07378	0.903681	0.947789	-1.05509	3.59777	11.1793	2.76203	1
cg18273818	KIAA0947	0.000902953	0.0568367	1.47923	1.47923	0.736728	0.940552	-1.06321	0.0233866	0.61139	-1.63562	0.000160338	0.309982	-3.22599	0.955829	0.98999	-1.01011	0.000227299	0.328562	-3.04356	?	?	?	0.617958	0.912715	-1.09563	0.0124967	0.568676	-1.75847	12.4	5.75949	0.464475	1
cg19632236	KIAA0947	0.00129375	0.000721733	0.172183	-5.80779	0.427627	1.31911	1.31911	0.454336	0.770569	-1.29774	0.232298	1.53474	1.53474	0.0029704	0.248029	-4.03178	0.0491545	2.15533	2.15533	0.000708788	0.171327	-5.83678	0.0481033	2.16524	2.16524	0.0210136	0.386991	-2.58404	10.9341	20.2512	1.64632	1
cg02631879	KIAA0947	0.00241574	0.420518	1.06641	1.06641	0.0143495	0.789891	-1.266	0.00180356	1.41454	1.41454	0.316732	0.92231	-1.08423	0.13288	1.13507	1.13507	0.124005	0.87796	-1.139	0.00143671	0.697623	-1.43344	0.00754498	0.764446	-1.30814	0.177406	1.11852	1.11852	9.12357	0.882182	0.085949	1
cg04458670	KIAA0947	0.00668977	0.00127017	0.215198	-4.64688	0.907655	1.03864	1.03864	0.0231138	0.411712	-2.42888	0.0662246	0.510082	-1.96047	0.0132205	0.366615	-2.72766	0.62491	1.17467	1.17467	0.00177414	0.233603	-4.28077	0.109934	0.565926	-1.76702	0.0115485	0.356306	-2.80658	6.70914	11.3429	1.50281	1
cg05977845	KIAA0947	0.0400663	0.016987	0.288757	-3.46312	0.568704	0.782059	-1.27868	0.0164307	0.286157	-3.49458	0.504089	1.3355	1.3355	0.0069451	0.225259	-4.43934	0.877463	0.936278	-1.06806	0.952088	1.02597	1.02597	0.285922	1.60469	1.60469	0.209245	0.56848	-1.75908	3.68089	10.616	2.56364	1
cg11358119	KIAA1009	0.000116864	0.904714	1.02281	1.02281	2.92E-05	0.213572	-4.68226	0.00116119	0.407243	-2.45554	0.948696	0.987956	-1.01219	0.00631984	0.511895	-1.95353	0.214142	0.781691	-1.27928	6.96E-06	0.153439	-6.51725	0.991583	1.00199	1.00199	0.797249	1.04967	1.04967	21.2354	11.9264	0.499226	1
cg00796963	KIAA1009	0.000691988	0.29951	0.856351	-1.16775	0.162569	0.806527	-1.23988	0.145927	0.798398	-1.25251	0.160415	1.24144	1.24144	3.93E-05	0.321518	-3.11024	0.0115926	0.634331	-1.57646	0.00110865	0.499984	-2.00006	0.0052209	0.587726	-1.70147	0.0532144	1.37269	1.37269	13.053	4.30022	0.292839	1
cg10892454	KIAA1009	0.00156309	0.327805	0.864749	-1.1564	5.86E-05	2.91707	2.91707	0.171741	1.23281	1.23281	0.848951	0.972942	-1.02781	0.902786	1.01773	1.01773	0.441746	1.11946	1.11946	0.0138302	0.645541	-1.54909	0.0110151	0.632037	-1.58219	0.388305	1.13564	1.13564	10.3559	3.39454	0.291367	1
cg11763112	KIAA1009	0.00453394	0.256795	0.717316	-1.39409	0.894798	0.963543	-1.03784	0.00100531	3.93706	3.93706	0.669149	0.886331	-1.12825	0.967783	0.988727	-1.0114	0.713529	0.901673	-1.10905	0.361855	0.768666	-1.30095	0.000394528	0.205077	-4.87621	0.592986	0.85946	-1.16352	7.56046	9.43511	1.10929	1
cg17008100	KIAA1009	0.0104615	0.000360963	0.20543	-4.86784	0.0206755	0.462594	-2.16172	0.0163688	0.444023	-2.25214	0.877766	0.958312	-1.0435	0.160866	1.51342	1.51342	0.43037	0.800362	-1.24944	0.55705	0.848474	-1.17859	0.259948	0.722445	-1.38419	0.369635	0.774984	-1.29035	5.8258	7.06273	1.07762	1
cg01906797	KIAA1009	0.0112546	0.980078	1.00659	1.00659	0.383205	1.26516	1.26516	0.633124	0.881183	-1.13484	0.278181	0.743341	-1.34528	0.000574779	0.246162	-4.06236	0.0965696	1.61584	1.61584	0.0116051	0.436072	-2.2932	0.848334	0.950888	-1.05165	0.0612611	0.574247	-1.74141	5.69037	6.23506	0.973975	1
cg20173984	KIAA1009	0.0353927	0.00763881	0.0740205	-13.5098	0.0462213	0.17662	-5.66186	0.540234	0.624566	-1.60111	0.238368	0.391601	-2.55362	0.00475515	0.0580785	-17.2181	0.0992279	0.253616	-3.94296	0.0485377	0.180739	-5.53285	0.474531	0.575743	-1.73689	0.0255223	0.133364	-7.49829	3.85153	35.1532	8.11295	1
cg21827384	KIAA1009	0.035432	0.353926	1.15008	1.15008	0.0175665	0.654651	-1.52753	0.123832	0.78321	-1.2768	0.0124739	1.5774	1.5774	0.288218	1.17546	1.17546	0.94596	0.990111	-1.00999	0.160544	1.2458	1.2458	0.122143	0.782203	-1.27844	0.263913	0.84304	-1.18618	3.84999	1.31072	0.302621	1
cg01979603	KIAA1009	0.0498772	0.483666	1.13305	1.13305	0.519014	0.891612	-1.12156	0.0762675	1.41358	1.41358	0.958728	1.00912	1.00912	0.411464	1.15879	1.15879	0.299771	1.20753	1.20753	0.109932	0.73655	-1.35768	0.00319797	0.493466	-2.02648	0.86957	1.02926	1.02926	3.3913	1.6541	0.433553	1
cg03054600	KIAA1012	0.00151871	0.0871504	0.640834	-1.56047	0.0983616	1.53274	1.53274	0.000202125	4.34341	4.34341	0.408506	1.22037	1.22037	0.897726	1.03076	1.03076	0.00609929	2.32416	2.32416	0.00128513	0.331025	-3.02092	0.778927	0.935851	-1.06855	0.865437	1.04076	1.04076	10.4422	9.17853	0.781317	1
cg05737417	KIAA1012	0.00533164	0.942101	1.00564	1.00564	0.131326	0.881553	-1.13436	0.0275352	0.817333	-1.22349	0.112242	1.14319	1.14319	0.442326	0.941176	-1.0625	0.000270938	0.629972	-1.58737	0.353247	0.928745	-1.07672	0.560008	1.04667	1.04667	0.0230568	1.23408	1.23408	7.19585	0.68258	0.0843177	1
cg26463170	KIAA1012	0.0443717	0.0166692	1.58661	1.58661	0.0201462	1.55679	1.55679	0.999655	1.00007	1.00007	0.559752	1.09761	1.09761	0.407925	1.14303	1.14303	0.063777	0.719577	-1.38971	0.127803	1.29695	1.29695	0.0844687	0.739785	-1.35174	0.883732	0.977155	-1.02338	3.54412	1.39993	0.351112	1
cg06681193	KIAA1012;KIAA1012	0.0486861	0.105296	0.860446	-1.16219	0.132504	1.14751	1.14751	0.327588	1.08879	1.08879	0.120591	0.866911	-1.15352	0.458024	1.06554	1.06554	0.601228	0.956731	-1.04523	0.531804	1.0546	1.0546	0.122896	1.15231	1.15231	0.00461303	1.39216	1.39216	3.71685	0.404378	0.084619	1
cg04467748	KIAA1024	0.00670685	0.0192479	1.67028	1.67028	0.754407	1.0585	1.0585	0.0011234	0.419425	-2.38421	0.407592	0.857729	-1.16587	0.00423739	0.499799	-2.00081	0.207161	1.27252	1.27252	0.133178	1.3411	1.3411	0.50125	1.13164	1.13164	0.646453	0.919733	-1.08727	6.70382	3.48473	0.462055	1
cg19165854	KIAA1024	0.0227974	0.149574	3.47729	3.47729	0.0246723	8.65177	8.65177	0.00937026	14.2606	14.2606	0.428494	1.91934	1.91934	0.958211	1.04317	1.04317	0.0597778	5.54722	5.54722	0.0382442	6.93842	6.93842	0.00763287	15.9043	15.9043	0.00551415	18.9628	18.9628	4.49855	46.3528	9.15905	1
cg05390694	KIAA1024	0.0474221	0.063645	0.662241	-1.51002	0.0353086	0.616014	-1.62334	0.563607	0.891013	-1.12232	0.0141785	0.549831	-1.81874	0.860391	0.965804	-1.03541	0.911525	1.02221	1.02221	0.0211729	1.72938	1.72938	0.705353	1.07797	1.07797	0.553649	0.88832	-1.12572	3.45674	2.13872	0.549964	1
cg03541846	KIAA1026	5.42E-05	0.00581394	0.75292	-1.32816	0.000365466	0.638529	-1.5661	0.000102516	0.582595	-1.71646	0.100225	1.15199	1.15199	0.663444	1.035	1.035	0.0308147	1.22049	1.22049	2.18E-05	1.95508	1.95508	0.971274	0.997175	-1.00283	0.00114387	1.45602	1.45602	26.0601	2.54764	0.0868981	1
cg05626309	KIAA1026	0.0200591	0.378872	0.853688	-1.17139	0.0374519	0.655024	-1.52666	0.0824255	1.40087	1.40087	0.266899	1.22468	1.22468	0.000980939	0.42367	-2.36033	0.510827	0.889705	-1.12397	0.595791	1.09835	1.09835	0.805277	1.04423	1.04423	0.556731	1.10977	1.10977	4.69985	2.28534	0.43223	1
cg04080625	KIAA1026	0.0228453	0.0784544	0.741274	-1.34903	0.000783082	2.17692	2.17692	0.908987	1.01767	1.01767	0.154392	1.26301	1.26301	0.75735	1.04861	1.04861	0.0461901	1.41887	1.41887	0.246808	1.2038	1.2038	0.454862	1.12366	1.12366	0.663996	1.06924	1.06924	4.4953	1.67015	0.330251	1
cg17657618	KIAA1026	0.0473281	0.527066	1.19328	1.19328	0.112604	1.61003	1.61003	0.0149403	0.438141	-2.28237	0.439757	0.804713	-1.24268	0.344523	1.30797	1.30797	0.0707702	1.74495	1.74495	0.153105	1.52479	1.52479	0.0563551	1.81448	1.81448	0.170968	0.668997	-1.49477	3.45933	4.16558	1.07036	1
cg02625804	KIAA1026;KIAA1026	2.69E-05	0.00141159	0.476709	-2.09772	1.07E-05	4.50815	4.50815	0.171716	1.26267	1.26267	0.00576418	1.78598	1.78598	0.619535	1.08354	1.08354	0.0043891	1.84002	1.84002	0.196805	1.24452	1.24452	2.15E-06	6.44769	6.44769	0.460141	0.886436	-1.12811	31.3372	12.7531	0.361747	1
cg17596058	KIAA1026;KIAA1026	0.000322451	0.281721	0.774242	-1.29159	0.0170311	1.94525	1.94525	0.893586	1.03108	1.03108	0.0419815	0.585069	-1.7092	0.000543192	0.292421	-3.41973	0.0398253	1.72205	1.72205	7.11E-05	5.24144	5.24144	0.00102265	3.04524	3.04524	0.533825	0.865781	-1.15503	16.1281	13.3622	0.736449	1
cg22396057	KIAA1026;KIAA1026	0.00179885	0.824382	1.07805	1.07805	0.781966	0.910452	-1.09836	0.140272	0.584788	-1.71002	9.70E-05	0.0959786	-10.419	0.00531214	0.288767	-3.46299	0.0299407	0.421628	-2.37176	0.295428	1.44324	1.44324	0.00539897	0.289845	-3.45012	0.0837731	1.90998	1.90998	9.94363	18.0072	1.60972	1
cg05046721	KIAA1026;KIAA1026	0.00198461	0.0812658	0.5838	-1.71292	0.00815928	2.5673	2.5673	0.468719	0.814411	-1.22788	0.364558	0.77147	-1.29623	0.00019166	0.173844	-5.75229	0.283451	0.733207	-1.36387	0.014254	2.32052	2.32052	0.0253744	2.09605	2.09605	0.708171	1.11039	1.11039	9.66363	11.8686	1.09171	1
cg01567509	KIAA1026;KIAA1026	0.00364886	0.00334776	0.11895	-8.40686	0.0202127	0.224588	-4.4526	0.00422996	0.129755	-7.70684	0.0234766	0.236173	-4.23419	0.00209494	0.0994438	-10.0559	0.26035	0.534695	-1.87022	0.000436556	0.0516093	-19.3764	0.149156	0.438278	-2.28166	0.0168845	0.211336	-4.73181	8.07244	36.3562	4.00332	1
cg04996873	KIAA1026;KIAA1026	0.00432718	0.622704	1.04663	1.04663	0.725978	0.968178	-1.03287	0.00285226	1.45842	1.45842	0.107067	0.850715	-1.17548	0.808261	1.0226	1.0226	0.111586	1.17265	1.17265	0.0969247	0.845814	-1.18229	0.00235337	0.677033	-1.47703	0.00491438	1.40844	1.40844	7.6682	1.02583	0.118913	1
cg08538034	KIAA1026;KIAA1026	0.0100201	0.102027	0.422237	-2.36834	0.0956504	0.414038	-2.41524	0.215843	1.87297	1.87297	0.903633	0.943318	-1.06009	0.033121	0.301168	-3.32041	0.00272414	0.136173	-7.34359	0.00138208	0.107076	-9.3392	0.0239678	0.273203	-3.66028	0.75828	0.861821	-1.16033	5.90682	21.7123	3.26737	1
cg02232840	KIAA1026;KIAA1026	0.0101719	0.0914311	0.505688	-1.9775	0.0010526	0.169018	-5.91652	0.00503537	0.256445	-3.89947	0.666834	1.17219	1.17219	0.0359836	0.408671	-2.44695	0.00893759	0.295242	-3.38705	0.553318	0.802542	-1.24604	0.469424	1.30994	1.30994	0.695942	0.865829	-1.15496	5.87847	12.5277	1.89432	1
cg21907496	KIAA1026;KIAA1026	0.0118833	0.538234	1.16784	1.16784	0.000520189	3.8474	3.8474	0.328914	1.28516	1.28516	0.234526	1.36377	1.36377	0.559827	1.15813	1.15813	0.394435	0.804791	-1.24256	0.0735359	1.64336	1.64336	0.0179584	2.04612	2.04612	0.0848592	0.622229	-1.60713	5.59119	5.48936	0.8727	1
cg06940705	KIAA1026;KIAA1026	0.0122754	0.220686	0.789169	-1.26716	0.280931	0.813758	-1.22887	0.381016	1.17967	1.17967	0.975683	1.00562	1.00562	0.00453632	0.498893	-2.00444	0.30337	0.821976	-1.21658	0.00117514	0.416616	-2.40029	0.022397	0.604633	-1.65389	0.017881	0.589014	-1.69775	5.53258	2.96323	0.476086	1
cg06887407	KIAA1026;KIAA1026	0.0136328	0.916427	1.01431	1.01431	0.030395	0.708635	-1.41116	0.0647542	0.755205	-1.32414	0.283223	0.859926	-1.16289	0.207845	0.83548	-1.19692	0.492877	1.09885	1.09885	0.000760733	1.99486	1.99486	0.811371	1.03289	1.03289	0.576209	1.07943	1.07943	5.34633	1.55119	0.257903	1
cg15118606	KIAA1026;KIAA1026	0.0219793	0.0223557	0.373862	-2.67478	0.00149811	0.192982	-5.18182	0.0078455	0.293357	-3.40881	0.184238	0.602727	-1.65913	0.713308	0.875774	-1.14185	0.0436391	0.434408	-2.30198	0.183212	0.601926	-1.66133	0.800458	1.09531	1.09531	0.484498	0.774636	-1.29093	4.55541	9.32194	1.81897	1
cg04706087	KIAA1026;KIAA1026	0.0290786	0.968033	1.00586	1.00586	0.0185226	0.659426	-1.51647	0.00576753	0.590115	-1.69459	0.0486218	1.38874	1.38874	0.201915	0.821637	-1.21708	0.505231	1.10359	1.10359	0.425079	0.88802	-1.1261	0.813243	1.03511	1.03511	0.0420175	0.710623	-1.40722	4.13227	1.39117	0.299253	1
cg16985952	KIAA1026;KIAA1026	0.0315436	0.0063035	0.264014	-3.78768	0.0120297	0.309615	-3.22982	0.989054	1.00515	1.00515	0.207412	1.64484	1.64484	0.157064	0.567522	-1.76205	0.917162	0.961805	-1.03971	0.0511397	0.435438	-2.29654	0.872679	1.06187	1.06187	0.0302272	0.38527	-2.59559	4.01445	8.90879	1.97261	1
cg19626253	KIAA1026;KIAA1026	0.0385402	0.224444	0.541648	-1.84622	0.0190518	3.91046	3.91046	0.0898321	2.45576	2.45576	0.111303	0.434553	-2.30121	0.026555	0.282741	-3.5368	0.687847	0.823606	-1.21417	0.230145	1.83112	1.83112	0.374878	1.54901	1.54901	0.124161	0.449337	-2.2255	3.73379	13.6522	3.25014	1
cg20958628	KIAA1026;KIAA1026;KIAA1026	0.00324354	0.127479	0.678996	-1.47276	0.0342305	0.559708	-1.78664	0.00125637	0.330737	-3.02355	0.911562	1.02644	1.02644	0.000508451	0.27924	-3.58115	0.0373197	0.566823	-1.76422	0.0170927	0.505176	-1.97951	0.03938	1.75043	1.75043	0.676367	0.906094	-1.10364	8.36171	7.30753	0.776824	1
cg05264881	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.00340862	0.0159784	0.527434	-1.89597	0.0059235	0.458113	-2.18287	0.00191169	0.385488	-2.59412	0.0300069	0.574883	-1.73948	0.951112	1.01339	1.01339	0.0220104	0.551165	-1.81434	0.00313465	2.40105	2.40105	0.393375	0.827282	-1.20878	0.155144	0.718975	-1.39087	8.23873	6.13687	0.662116	1
cg06840246	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.00629394	0.000459888	0.280881	-3.56023	0.550408	1.14927	1.14927	0.717801	1.08716	1.08716	0.952848	0.986476	-1.01371	0.00166924	0.355131	-2.81586	0.630253	1.11816	1.11816	0.0565566	0.608326	-1.64386	0.706286	1.09109	1.09109	0.0576634	0.610015	-1.6393	6.83731	5.74183	0.746471	1
cg20449726	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.00761533	0.0360479	2.21573	2.21573	0.000478281	5.98082	5.98082	0.00372559	3.59032	3.59032	0.016357	2.60546	2.60546	0.624238	1.17479	1.17479	0.0176941	2.56332	2.56332	0.057348	2.01672	2.01672	0.315788	1.40272	1.40272	0.0299822	2.30031	2.30031	6.44312	10.8635	1.49873	1
cg24425531	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.0145671	0.458521	1.77453	1.77453	0.00726244	13.8917	13.8917	0.0143563	9.90829	9.90829	0.603584	0.671638	-1.4889	0.659325	0.713843	-1.40087	0.4011	1.92134	1.92134	0.00324789	0.0473682	-21.1112	0.288745	2.30893	2.30893	0.567612	0.644701	-1.55111	5.23104	47.8308	8.12769	1
cg10761807	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.0306705	0.378686	1.14339	1.14339	0.890658	1.02062	1.02062	0.0195909	0.658067	-1.5196	0.17913	0.809183	-1.23581	0.0165129	0.647562	-1.54425	0.419949	0.884924	-1.13004	0.927793	1.01354	1.01354	0.570735	1.08873	1.08873	0.00309908	0.548581	-1.82289	4.05484	1.41359	0.309882	1
cg07628631	KIAA1033	1.66E-06	1.27E-06	0.25066	-3.98947	6.38E-05	0.441805	-2.26344	0.000720133	0.564602	-1.77116	0.0278027	1.33489	1.33489	8.38E-06	0.340129	-2.94006	6.36E-05	0.441657	-2.2642	1.42E-07	0.159329	-6.27633	0.23534	0.870963	-1.14815	5.13E-05	0.430725	-2.32167	64.4176	12.5886	0.173708	1
cg09042752	KIAA1033	0.00018739	0.0435082	1.28505	1.28505	9.68E-06	2.79786	2.79786	0.0039192	1.5211	1.5211	0.00262326	0.637602	-1.56838	0.110524	0.828716	-1.20669	0.850526	0.979825	-1.02059	0.0196955	0.737608	-1.35573	0.867342	0.982101	-1.01823	0.0742619	0.806636	-1.23972	18.6982	3.45644	0.164314	1
cg24630957	KIAA1033	0.00447972	0.00194904	0.055123	-18.1412	0.00983061	0.115479	-8.65962	0.00911274	0.111746	-8.94889	0.0418819	0.211981	-4.7174	0.00357385	0.0734835	-13.6085	0.124785	0.333127	-3.00186	0.000977407	0.0390075	-25.6361	0.49378	0.631478	-1.58359	0.00717995	0.10068	-9.93245	7.58811	52.5871	6.16017	1
cg15432249	KIAA1033	0.00761282	0.23166	1.48518	1.48518	0.75098	1.10559	1.10559	0.858757	0.945386	-1.05777	0.170281	1.58481	1.58481	0.725039	0.894633	-1.11778	0.537907	1.21731	1.21731	0.000181091	0.135692	-7.36961	0.0599106	1.95282	1.95282	0.687278	0.880215	-1.13609	6.44378	10.1449	1.39944	1
cg03736467	KIAA1033	0.0112402	0.0892139	0.740647	-1.35017	0.21434	0.811055	-1.23296	0.559195	1.09923	1.09923	0.263177	1.20546	1.20546	0.0295056	1.50773	1.50773	0.00419943	0.541042	-1.84828	0.0131141	0.6109	-1.63693	0.608853	1.08619	1.08619	0.0374381	1.47231	1.47231	5.69273	2.31368	0.361268	1
cg13622209	KIAA1033	0.01151	?	?	?	0.0822479	2.54171	2.54171	?	?	?	0.0148456	0.190586	-5.24697	?	?	?	?	?	?	0.0352144	3.54287	3.54287	0.00731459	0.130703	-7.65096	0.155768	2.02537	2.02537	14.3848	20.3859	1.13375	1
cg18170141	KIAA1033	0.0152975	0.00961113	0.212455	-4.70687	0.0132074	0.234202	-4.26981	0.0696146	0.383305	-2.60889	0.20805	0.534068	-1.87242	0.00389885	0.159412	-6.27306	0.104449	0.43228	-2.31331	0.00709582	0.19326	-5.17438	0.0103395	0.2173	-4.60193	0.0435728	0.334031	-2.99374	5.14713	18.2026	3.14351	1
ch.12.2081853	KIAA1033	0.0454872	0.847401	1.07559	1.07559	0.00448286	4.19214	4.19214	0.012604	3.23235	3.23235	0.372137	1.41419	1.41419	0.277875	1.53231	1.53231	0.467766	0.756209	-1.32239	0.505752	0.774623	-1.29095	0.1901	0.591644	-1.69021	0.802002	1.09969	1.09969	3.51133	7.95495	2.01378	1
cg26943658	KIAA1033;KIAA1033	0.00953965	?	?	?	0.0179149	0.334665	-2.98807	0.0457971	0.4661	-2.14546	?	?	?	0.0212455	0.357873	-2.79428	0.00296166	0.126561	-7.90135	?	?	?	?	?	?	0.00248645	0.111389	-8.97755	29.1693	13.0091	0.267592	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10518145	KIAA1033;KIAA1033	0.0121772	0.877747	0.914966	-1.09294	0.000339283	0.0356758	-28.0302	0.0369303	0.246846	-4.05112	0.0572635	0.288895	-3.46147	0.845769	1.11899	1.11899
cg20741293	KIAA1045	0.0341907	0.178935	0.831751	-1.20228	0.949843	1.00815	1.00815	0.561122	1.07877	1.07877	0.439025	0.903179	-1.1072	0.937185	0.989882	-1.01022
cg14639919	KIAA1045	0.0388563	0.770718	1.04617	1.04617	0.90219	0.981191	-1.01917	0.357294	0.863974	-1.15744	0.411595	0.87839	-1.13845	0.00463308	0.558919	-1.78917
cg15874270	KIAA1109	0.000223092	0.789586	1.04067	1.04067	0.0276074	0.67825	-1.47438	0.449109	0.891395	-1.12184	0.47967	1.11305	1.11305	1.84E-05	0.272027	-3.67611
cg13235098	KIAA1109	0.00510758	0.699216	1.0626	1.0626	0.00119278	0.475771	-2.10185	0.521589	1.10693	1.10693	0.661074	0.933331	-1.07143	0.0357404	1.46544	1.46544
cg25456317	KIAA1109	0.00683872	0.0890193	0.708051	-1.41233	0.867135	0.969649	-1.0313	0.780309	0.949833	-1.05282	0.805345	1.0465	1.0465	0.000157003	0.304053	-3.2889
cg18425002	KIAA1143	0.00155732	0.000252975	0.119705	-8.3539	0.193893	0.61647	-1.62214	0.00734906	0.296424	-3.37354	0.435623	0.755844	-1.32302	0.00173369	0.207562	-4.81785
cg24858591	KIAA1143;KIF15	0.00320659	0.00550425	0.602502	-1.65975	0.00944273	1.57892	1.57892	0.0317597	0.705045	-1.41835	0.0187401	0.673349	-1.48511	0.857015	1.02536	1.02536
cg02574033	KIAA1147	0.00101931	0.0549366	0.762988	-1.31064	0.0931756	0.794903	-1.25802	0.042616	1.33658	1.33658	0.0675115	0.775239	-1.28992	0.00941821	0.664273	-1.5054
cg14250881	KIAA1161	0.000521367	0.00371184	2.81901	2.81901	0.000173654	5.3928	5.3928	0.0020515	3.15299	3.15299	0.00720514	2.50157	2.50157	0.0794985	1.67294	1.67294
cg14013337	KIAA1161	0.00262236	0.00773948	0.19324	-5.17492	0.247762	1.78725	1.78725	0.0210808	3.79273	3.79273	0.0113302	0.217893	-4.5894	0.00664315	0.184016	-5.4343
cg07211377	KIAA1161	0.00413022	0.00311274	0.220613	-4.53283	0.146632	1.7901	1.7901	0.362571	1.41871	1.41871	0.015668	0.330497	-3.02575	0.00905462	0.28945	-3.45483
cg00842794	KIAA1161	0.0268464	0.0986065	0.776146	-1.28842	0.0101281	0.635168	-1.57439	0.139399	0.80047	-1.24927	0.0489762	1.3696	1.3696	0.178867	1.22117	1.22117
cg01327147	KIAA1161	0.0275002	0.109349	2.66825	2.66825	0.0195009	4.88988	4.88988	0.0781563	3.00474	3.00474	0.373416	1.6714	1.6714	0.0360221	3.93924	3.93924
cg13912480	KIAA1161	0.0282008	0.0823039	1.92335	1.92335	0.0145536	2.78075	2.78075	0.0721326	1.97799	1.97799	0.341112	1.39565	1.39565	0.0336231	2.32411	2.32411
cg14588448	KIAA1161	0.0283553	0.0513166	1.88724	1.88724	0.00154933	3.67954	3.67954	0.133921	1.58831	1.58831	0.567201	1.18003	1.18003	0.144529	1.56613	1.56613
cg13986870	KIAA1161	0.0442949	0.204252	0.748731	-1.33559	0.966556	1.0091	1.0091	0.0768744	1.52951	1.52951	0.0957928	1.4846	1.4846	0.647462	0.905338	-1.10456
cg01746241	KIAA1161	0.047761	0.0121492	8.70213	8.70213	0.108981	3.35314	3.35314	0.0424331	5.04101	5.04101	0.0975326	3.52	3.52	0.615878	1.41926	1.41926
cg23226717	KIAA1191;KIAA1191;KIAA1191	8.64E-05	0.900962	0.97133	-1.02952	0.158548	1.42212	1.42212	0.295521	0.776112	-1.28847	0.864139	1.04083	1.04083	0.746817	1.07862	1.07862
cg26446717	KIAA1191;KIAA1191;KIAA1191	0.000117626	0.650507	1.1113	1.1113	0.0737802	1.58589	1.58589	0.747391	1.07764	1.07764	0.054986	0.604423	-1.65447	2.94E-05	0.150394	-6.64918
cg19848126	KIAA1191;KIAA1191;KIAA1191	0.00204045	0.306021	0.92855	-1.07695	0.0108766	1.25063	1.25063	0.36304	0.936704	-1.06757	0.306751	0.928661	-1.07682	0.0546368	0.858574	-1.16472
cg05970307	KIAA1191;KIAA1191;KIAA1191	0.00611489	0.982681	0.994502	-1.00553	0.0348947	1.86724	1.86724	0.650669	0.890664	-1.12276	0.104182	0.636856	-1.57021	0.00132288	0.305328	-3.27517
cg08800530	KIAA1191;KIAA1191;KIAA1191;KIAA1191;KIAA1191;KIAA1191	0.00198898	0.00141486	0.700889	-1.42676	0.547086	1.04799	1.04799	0.172533	1.11816	1.11816	0.157555	1.12329	1.12329	0.0136463	0.79081	-1.26453
cg12358698	KIAA1199	0.000925006	0.000888298	2.28066	2.28066	0.705723	1.06483	1.06483	0.45622	0.881921	-1.13389	0.000377766	2.56189	2.56189	0.0502842	0.691071	-1.44703
cg22579224	KIAA1199	0.00344854	0.75649	0.898906	-1.11246	0.000298142	0.13307	-7.51484	0.020094	0.382558	-2.61399	0.0101127	0.328969	-3.0398	0.000720435	0.171511	-5.83055
cg03414764	KIAA1199	0.00424275	0.426027	0.68441	-1.46111	0.0526967	0.357906	-2.79403	0.250992	0.571463	-1.74989	0.166768	0.502722	-1.98917	0.000106117	0.041078	-24.3439
ch.15.1354287F	KIAA1199	0.00630366	0.0752173	0.525825	-1.90177	0.0712118	0.520032	-1.92296	0.000216254	0.134947	-7.41031	0.712694	1.12751	1.12751	0.0101931	0.349523	-2.86104
cg09175993	KIAA1199	0.0076946	0.0875021	0.842394	-1.18709	0.707155	0.966268	-1.03491	0.196715	0.883292	-1.13213	0.244758	1.11698	1.11698	0.385662	0.922322	-1.08422
cg02585724	KIAA1199	0.00851045	0.0488887	0.639474	-1.56379	0.0337057	1.63732	1.63732	0.631133	0.908307	-1.10095	0.0579244	0.653005	-1.53138	0.00366385	2.18398	2.18398
cg13990531	KIAA1199	0.0114134	0.0953241	0.628141	-1.592	0.230598	0.726789	-1.37592	0.0181875	0.483064	-2.07012	0.00102625	0.290916	-3.43742	0.0097128	0.43603	-2.29342
cg04847610	KIAA1199	0.0153069	0.0081704	0.572867	-1.74561	0.0320356	0.661392	-1.51196	0.0263527	0.648243	-1.54263	0.635714	0.924468	-1.0817	0.242761	0.817755	-1.22286
cg21838329	KIAA1199	0.0309315	0.76815	0.955784	-1.04626	0.644805	1.0736	1.0736	0.291398	0.845792	-1.18232	0.148486	0.788919	-1.26756	0.104924	0.762558	-1.31138
cg27092038	KIAA1199	0.0397021	0.666573	0.912474	-1.09592	0.00317865	2.34285	2.34285	0.45188	1.17581	1.17581	0.193032	0.747454	-1.33787	0.433961	0.844757	-1.18377
cg02240539	KIAA1199	0.0478781	0.0143402	0.179931	-5.55769	0.482332	0.666525	-1.50032	0.184984	0.449919	-2.22262	0.451442	1.54632	1.54632	0.00315196	0.101025	-9.89853
cg08177359	KIAA1199;KIAA1199	0.0480864	0.103506	0.75106	-1.33145	0.136396	0.772604	-1.29432	0.031973	1.49785	1.49785	0.287124	1.19447	1.19447	0.0469619	0.693782	-1.44137
cg05208249	KIAA1199;MIR549	0.000479543	0.0712445	0.687313	-1.45494	0.172837	0.763404	-1.30992	0.92164	0.981856	-1.01848	0.32638	0.828144	-1.20752	3.35E-05	0.223757	-4.46914
cg03589751	KIAA1199;MIR549	0.0014061	0.446149	0.887805	-1.12637	0.000380004	0.419016	-2.38655	0.00166385	0.501909	-1.99239	0.368547	0.868028	-1.15204	0.000448604	0.428158	-2.33559
cg22343609	KIAA1210	0.0016722	0.169133	0.677994	-1.47494	0.0379712	1.89321	1.89321	0.0334365	1.93338	1.93338	0.00932857	0.416941	-2.39842	0.00226221	0.321932	-3.10625
cg17054449	KIAA1210	0.00494097	0.0500296	0.494862	-2.02076	0.78225	1.09114	1.09114	0.482594	1.25188	1.25188	0.429058	1.28934	1.28934	0.0127953	0.377782	-2.64703
cg08168768	KIAA1210	0.00529254	0.00466927	0.222656	-4.49124	0.456464	0.738694	-1.35374	0.894938	1.05418	1.05418	0.34308	0.677015	-1.47707	0.00214656	0.178807	-5.59261
cg06761424	KIAA1210	0.0078084	0.0270798	0.217727	-4.5929	0.126752	2.61765	2.61765	0.955925	1.03272	1.03272	0.596686	0.732622	-1.36496	0.0162901	0.180618	-5.53654
cg26973074	KIAA1210	0.020871	0.0119818	0.332724	-3.00549	0.370557	0.724124	-1.38098	0.427613	0.752521	-1.32887	0.200734	0.62225	-1.60707	0.00309968	0.241557	-4.13982
cg02894810	KIAA1210	0.0232034	0.294671	1.45817	1.45817	0.402623	1.34616	1.34616	0.399291	0.741214	-1.34914	0.289799	0.682974	-1.46419	0.00162437	0.208601	-4.79385
cg17878899	KIAA1210	0.0394769	0.10962	2.65071	2.65071	0.865405	0.909544	-1.09945	0.506493	1.45746	1.45746	0.150987	0.423114	-2.36343	0.114783	0.38347	-2.60776
cg26950514	KIAA1210	0.0411447	0.0666585	2.25225	2.25225	0.0251319	2.8625	2.8625	0.228257	1.64761	1.64761	0.793826	1.10895	1.10895	0.0480923	0.409821	-2.44009
cg14451728	KIAA1211	0.000201896	0.0594592	0.736968	-1.35691	0.1826	0.816345	-1.22497	0.0187336	0.664519	-1.50485	0.0887724	1.30908	1.30908	0.758092	1.04532	1.04532
cg25769043	KIAA1211	0.00155498	0.479382	1.1198	1.1198	0.182654	0.800479	-1.24925	0.70524	0.941953	-1.06162	0.121415	1.30245	1.30245	0.0162872	0.629849	-1.58768
cg18513383	KIAA1211	0.00183442	0.107273	1.26045	1.26045	0.00133114	1.84851	1.84851	0.9733	1.00442	1.00442	0.276055	1.16089	1.16089	0.464008	1.10311	1.10311
cg24377604	KIAA1211	0.00244716	0.0245622	0.785252	-1.27348	0.359005	0.918381	-1.08887	0.0330727	0.798548	-1.25227	0.247965	0.8967	-1.1152	0.414302	1.07824	1.07824
cg17290403	KIAA1211	0.00306106	0.000216456	0.303404	-3.29594	0.00172484	2.37289	2.37289	0.7582	1.06149	1.06149	0.233721	0.785637	-1.27285	0.0762568	0.683063	-1.46399
cg13688098	KIAA1211	0.00495929	0.209156	0.750992	-1.33157	0.000522334	0.310397	-3.22168	0.00122967	0.359718	-2.77995	0.631064	1.11034	1.11034	0.862395	0.963168	-1.03824
cg27086807	KIAA1211	0.0118197	0.0353736	0.574976	-1.7392	0.763982	0.934243	-1.07039	0.133302	1.44166	1.44166	0.600807	0.887583	-1.12665	0.0049241	0.431098	-2.31966
cg05193407	KIAA1211	0.0281056	0.527786	1.15422	1.15422	0.0218758	0.539712	-1.85284	0.0804622	0.647462	-1.54449	0.091291	1.51732	1.51732	0.200935	1.35368	1.35368
cg07719077	KIAA1211	0.0381832	0.00612016	0.111072	-9.00317	0.0129506	0.150365	-6.65049	0.301639	0.518219	-1.92969	0.167014	0.404574	-2.47173	0.00722136	0.118893	-8.4109
cg09888336	KIAA1211	0.0419607	0.533004	0.909731	-1.09923	0.01054	1.61952	1.61952	0.0290916	0.680207	-1.47014	0.12579	0.780198	-1.28173	0.949673	0.990587	-1.0095
cg18158691	KIAA1211	0.0474482	0.980686	1.00319	1.00319	0.60083	1.07194	1.07194	0.142728	1.23037	1.23037	0.0106406	0.655315	-1.52598	0.0321572	0.718757	-1.39129
cg12879013	KIAA1211;KIAA1211	0.0162506	0.330246	0.825071	-1.21202	0.366928	0.837452	-1.1941	0.374554	0.839929	-1.19058	0.0453714	0.644482	-1.55163	0.00143597	0.413931	-2.41586
cg06251764	KIAA1217	1.09E-07	0.000351585	0.638769	-1.56551	6.65E-08	4.14301	4.14301	1.93E-05	1.96786	1.96786	0.91108	0.991319	-1.00876	0.637151	0.963598	-1.03778
cg25042430	KIAA1217	5.76E-06	0.158658	0.815419	-1.22636	4.10E-05	2.88418	2.88418	0.00190669	1.81399	1.81399	0.217018	1.19233	1.19233	0.825299	1.03039	1.03039
cg03353047	KIAA1217	0.000545848	0.758896	1.03617	1.03617	7.35E-05	0.435213	-2.29773	0.0603177	0.783098	-1.27698	0.205336	1.16674	1.16674	0.00434931	1.5523	1.5523
cg10116636	KIAA1217	0.000830001	0.0752191	1.45671	1.45671	0.960276	0.990586	-1.0095	0.0330233	0.622891	-1.60542	7.13E-05	0.252887	-3.95433	0.000377583	0.339963	-2.94149
cg17646571	KIAA1217	0.0012825	0.19877	0.707335	-1.41376	0.249639	0.735814	-1.35904	0.000150152	0.19017	-5.25847	0.00517686	0.390198	-2.5628	?	?	?
cg18633693	KIAA1217	0.00183747	0.539943	0.831511	-1.20263	0.00909013	2.67949	2.67949	0.155881	0.636698	-1.5706	0.714943	0.896666	-1.11524	0.906986	0.965841	-1.03537
cg09904358	KIAA1217	0.00192088	0.0487738	0.285912	-3.49758	0.000197039	0.0307647	-32.5048	0.00936088	0.159868	-6.25517	0.0151002	0.1899	-5.26594	0.00179173	0.0844088	-11.8471
cg19591408	KIAA1217	0.00237272	0.18856	0.743661	-1.3447	0.119247	0.698068	-1.43253	0.267326	0.782181	-1.27848	6.52E-05	4.75177	4.75177	0.347453	0.814105	-1.22834
cg04063945	KIAA1217	0.00308702	0.612802	0.72238	-1.38431	0.00340278	12.6403	12.6403	0.4417	0.606588	-1.64857	0.449959	0.61228	-1.63324	0.744615	0.811971	-1.23157
cg26526047	KIAA1217	0.00315464	0.881501	1.04909	1.04909	0.895759	1.04302	1.04302	0.00060061	0.182562	-5.47758	0.183921	0.635782	-1.57287	0.0109475	0.358462	-2.7897
cg05217312	KIAA1217	0.00341335	0.0283452	0.384326	-2.60196	0.00122666	0.174298	-5.73731	0.000391447	0.123958	-8.06724	0.0883011	0.499159	-2.00337	0.0949012	0.507586	-1.97011
cg19447221	KIAA1217	0.00664265	0.226851	1.23494	1.23494	0.00160541	0.471156	-2.12244	0.00525934	0.542233	-1.84423	0.965164	0.992763	-1.00729	0.921589	0.983759	-1.01651
cg09330153	KIAA1217	0.0100509	0.438219	0.854701	-1.17	0.150588	1.35787	1.35787	0.271394	1.25527	1.25527	0.555112	1.12583	1.12583	0.37963	0.83614	-1.19597
cg07913806	KIAA1217	0.0127117	0.135231	0.784157	-1.27525	0.282197	0.844719	-1.18383	0.0813346	0.746946	-1.33879	0.682281	0.93974	-1.06412	0.76448	1.04642	1.04642
cg24487076	KIAA1217	0.0190631	0.400544	0.810789	-1.23337	0.915109	0.974344	-1.02633	0.362199	1.25645	1.25645	0.000976339	0.302531	-3.30544	0.907671	0.972117	-1.02868
cg03844372	KIAA1217	0.0398603	0.139197	0.465059	-2.15027	0.0440772	0.328643	-3.04282	0.0218527	0.266195	-3.75665	0.00941444	0.205283	-4.87133	0.794586	1.13373	1.13373
cg00961517	KIAA1217	0.0408561	0.169475	1.58757	1.58757	0.0241366	0.42777	-2.3377	0.0496072	0.492933	-2.02867	0.0628235	0.516315	-1.9368	0.00893801	0.349845	-2.85841
cg11335419	KIAA1217	0.0442526	0.257528	0.836106	-1.19602	0.402477	0.878273	-1.1386	0.0182235	0.64778	-1.54373	0.656594	0.934456	-1.07014	0.0226886	0.661507	-1.5117
cg10325509	KIAA1217	0.0473422	0.265558	0.70014	-1.42829	0.218972	1.48769	1.48769	0.409426	1.29591	1.29591	0.00246696	0.274318	-3.64541	0.61758	0.856707	-1.16726
cg15406683	KIAA1217;KIAA1217	0.0156969	0.103759	0.738751	-1.35364	0.0014809	0.458194	-2.18248	0.158935	0.773944	-1.29208	0.342988	0.846811	-1.1809	0.034708	0.65769	-1.52047
cg04154276	KIAA1217;KIAA1217	0.0175031	0.178175	0.823508	-1.21432	0.332681	1.14527	1.14527	0.0211116	1.45705	1.45705	0.0579679	0.747587	-1.33764	0.226832	0.841788	-1.18795
cg14013865	KIAA1217;KIAA1217;KIAA1217	0.00123436	0.932101	1.01652	1.01652	0.609364	0.905635	-1.1042	0.902178	0.976628	-1.02393	0.338541	0.827174	-1.20893	2.49E-05	0.199636	-5.00911
cg18184218	KIAA1217;KIAA1217;KIAA1217	0.00230169	0.00762248	0.355822	-2.81039	0.207956	1.49164	1.49164	0.000936373	0.226019	-4.4244	0.123357	0.604892	-1.65319	0.00250809	0.282424	-3.54077
cg13572780	KIAA1217;KIAA1217;KIAA1217	0.00238043	0.633894	0.89221	-1.12081	0.0162288	2.01147	2.01147	0.045399	1.72557	1.72557	0.0136945	2.06409	2.06409	0.00110726	0.318946	-3.13532
cg22539706	KIAA1217;KIAA1217;KIAA1217	0.00377977	0.0167909	0.541798	-1.84571	0.956265	0.988549	-1.01158	0.00592372	0.469567	-2.12962	0.472075	1.16604	1.16604	0.000193796	0.267853	-3.73339
cg23755860	KIAA1217;KIAA1217;KIAA1217	0.00571341	0.951875	1.01137	1.01137	0.000546513	0.365655	-2.73482	0.0468841	1.53136	1.53136	0.0036104	0.478091	-2.09165	0.0266465	0.611359	-1.6357
cg25683358	KIAA1217;KIAA1217;KIAA1217	0.00952549	0.00238616	0.472549	-2.11618	0.00122643	0.432917	-2.30991	0.282034	0.820425	-1.21888	0.1327	0.750333	-1.33274	0.169336	1.29593	1.29593
cg26572392	KIAA1217;KIAA1217;KIAA1217	0.0133261	0.00246182	0.215274	-4.64524	0.132702	0.553413	-1.80697	0.0296233	0.393032	-2.54432	0.00571132	0.266671	-3.74993	0.00744775	0.284553	-3.51428
cg20054872	KIAA1217;KIAA1217;KIAA1217	0.0204006	0.113772	0.540146	-1.85135	0.0189922	0.361815	-2.76384	0.0109207	0.31867	-3.13804	0.613655	0.833408	-1.19989	0.00125652	0.185259	-5.39785
cg06943141	KIAA1217;KIAA1217;KIAA1217	0.0272564	0.0395029	0.501475	-1.99412	0.081048	0.570849	-1.75178	0.515677	0.826109	-1.21049	0.163527	1.53875	1.53875	0.0805237	0.570178	-1.75384
cg26964636	KIAA1217;KIAA1217;KIAA1217	0.0276862	0.0658776	0.496432	-2.01438	0.470931	0.779671	-1.28259	0.128853	0.572957	-1.74533	0.280845	0.683599	-1.46285	0.00408208	0.27039	-3.69836
cg18829521	KIAA1217;KIAA1217;KIAA1217	0.0332134	0.0487434	0.488946	-2.04522	0.624804	0.854979	-1.16962	0.0350894	0.458211	-2.1824	0.653809	0.866322	-1.15431	0.0334471	0.453883	-2.20321
cg04911819	KIAA1217;KIAA1217;KIAA1217	0.0447313	0.0184997	0.121368	-8.23942	0.0130598	0.102992	-9.70948	0.0169847	0.116603	-8.57613	0.161741	0.331855	-3.01337	0.0215427	0.130305	-7.6743
cg11502597	KIAA1217;KIAA1217;KIAA1217	0.0452375	0.0232041	0.410828	-2.43411	0.933361	1.02779	1.02779	0.310446	0.708902	-1.41063	0.128377	0.583458	-1.71392	0.427064	0.766568	-1.30451
cg07874507	KIAA1217;KIAA1217;KIAA1217	0.0481848	0.378919	0.845063	-1.18334	0.587381	0.902871	-1.10758	0.333397	0.830215	-1.20451	0.204936	0.779245	-1.28329	0.59951	0.905911	-1.10386
cg21272913	KIAA1217;KIAA1217;KIAA1217;KIAA1217;KIAA1217	0.0101467	0.0311898	0.467458	-2.13923	0.0181501	0.421985	-2.36975	0.00140681	0.248894	-4.01777	0.0262918	0.452685	-2.20904	0.401361	0.772344	-1.29476
cg04122385	KIAA1217;KIAA1217;PRINS;KIAA1217	0.0166667	0.638217	0.879036	-1.13761	0.654055	0.884441	-1.13066	0.226637	0.707801	-1.41283	0.0281543	0.493734	-2.02538	0.00146978	0.286538	-3.48993
cg16442712	KIAA1217;KIAA1217;PRINS;KIAA1217	0.0220152	0.149565	0.456341	-2.19134	0.000852982	0.0785268	-12.7345	0.0102311	0.193269	-5.17413	0.898861	0.937477	-1.06669	0.0664721	0.351705	-2.84329
cg11856542	KIAA1239	0.000143415	0.00180717	1.27399	1.27399	0.672391	1.02348	1.02348	0.0249494	1.15675	1.15675	4.31E-05	1.52789	1.52789	0.000104987	1.45356	1.45356
cg06651311	KIAA1239	0.00707512	0.0500308	1.63365	1.63365	0.0044489	2.30124	2.30124	0.158983	1.39186	1.39186	0.0236303	1.81034	1.81034	0.012909	0.507671	-1.96978
cg26541867	KIAA1239	0.014153	0.632355	0.88648	-1.12806	0.000223259	4.64561	4.64561	0.0514767	1.7406	1.7406	0.800552	0.938677	-1.06533	0.875741	0.961635	-1.0399
cg23189276	KIAA1239	0.0151818	0.32776	1.12215	1.12215	0.0488143	1.29264	1.29264	0.0101604	1.4475	1.4475	0.211493	0.860561	-1.16203	0.289361	0.882085	-1.13368
cg08040012	KIAA1239	0.0405297	0.864993	0.92381	-1.08247	0.0113547	0.228542	-4.37557	0.14397	2.07729	2.07729	0.388054	1.50982	1.50982	0.945487	0.968657	-1.03236
cg11385476	KIAA1244	3.00E-05	0.0507463	1.36381	1.36381	0.000570161	2.10395	2.10395	0.000517525	2.12755	2.12755	7.83E-06	3.91855	3.91855	0.131969	0.797205	-1.25438
cg10498577	KIAA1244	0.000246045	2.82E-06	0.29529	-3.38651	0.29795	0.88933	-1.12444	0.888375	0.984849	-1.01538	0.768727	0.968456	-1.03257	0.000900593	0.582707	-1.71613
cg16868145	KIAA1244	0.00227617	0.0794063	0.637446	-1.56876	0.0701988	0.626204	-1.59692	0.00173362	0.355871	-2.81001	0.742396	1.07926	1.07926	7.35E-05	0.188815	-5.29619
cg07513204	KIAA1244	0.00400294	0.576126	0.951983	-1.05044	0.00506076	0.724037	-1.38114	0.0220128	0.787166	-1.27038	0.455506	1.06846	1.06846	0.336977	1.09008	1.09008
cg10098010	KIAA1244	0.00518228	0.592647	1.06268	1.06268	0.0529383	0.780668	-1.28095	0.0864064	1.23767	1.23767	0.000312807	1.93073	1.93073	0.35537	1.11296	1.11296
cg03362421	KIAA1244	0.00576067	0.153286	0.72657	-1.37633	0.0943136	1.46842	1.46842	0.211123	1.3168	1.3168	0.227122	0.767307	-1.30326	0.00755722	0.487799	-2.05002
cg21719608	KIAA1244	0.00698772	0.0311074	0.684531	-1.46085	0.109331	1.29893	1.29893	0.0076174	0.59809	-1.67199	0.1491	0.793134	-1.26082	0.000602283	0.452667	-2.20913
cg07200490	KIAA1244	0.0100978	0.136092	0.713667	-1.40121	0.187187	1.34128	1.34128	0.301635	1.25204	1.25204	0.533443	0.875923	-1.14165	0.000330777	0.296021	-3.37814
cg09808864	KIAA1244	0.0107451	0.140656	0.75578	-1.32314	0.156992	0.765352	-1.30659	0.289219	1.21454	1.21454	0.154863	1.30864	1.30864	0.349372	0.843497	-1.18554
cg01561856	KIAA1244	0.0112439	0.930883	0.982906	-1.01739	0.13675	1.37521	1.37521	0.424161	1.17614	1.17614	0.618919	0.905144	-1.1048	0.000515161	0.34054	-2.93651
cg14329675	KIAA1244	0.023609	0.0631861	0.430502	-2.32287	0.030281	2.81434	2.81434	0.00354681	5.17938	5.17938	0.614334	0.817553	-1.22316	0.276836	1.56918	1.56918
cg26366554	KIAA1244	0.027767	0.00156805	0.353413	-2.82955	0.769074	0.934813	-1.06973	0.0223929	0.53447	-1.87101	0.851693	1.04379	1.04379	0.52311	0.862274	-1.15972
cg12434085	KIAA1244	0.0289162	0.0177919	0.282811	-3.53593	0.111764	2.13642	2.13642	0.407852	0.689988	-1.4493	0.0699139	0.411356	-2.43099	0.00255928	0.159833	-6.25654
cg21258169	KIAA1244	0.0312198	0.304206	0.802165	-1.24663	0.000933795	0.35939	-2.78249	0.0311769	0.592223	-1.68855	0.658772	1.09644	1.09644	0.731339	0.931089	-1.07401
cg25126021	KIAA1244	0.0332904	0.602328	1.24417	1.24417	0.00448167	4.82997	4.82997	0.0795283	2.24515	2.24515	0.155842	1.87949	1.87949	0.0104964	0.262275	-3.81279
cg14848685	KIAA1244	0.0381948	0.276979	1.64059	1.64059	0.0292764	3.07831	3.07831	0.0673553	2.45347	2.45347	0.687295	0.837636	-1.19384	0.20706	1.79064	1.79064
cg20291636	KIAA1244	0.0441783	0.887914	0.976949	-1.02359	0.179444	1.26592	1.26592	0.311485	1.18905	1.18905	0.642174	0.925536	-1.08045	0.032245	0.66054	-1.51391
cg05096634	KIAA1244;KIAA1244	0.001491	0.785127	0.973493	-1.02723	0.603653	0.949818	-1.05283	0.582619	0.946902	-1.05608	0.553375	0.942764	-1.06071	0.33196	1.10339	1.10339
cg05559558	KIAA1244;KIAA1244	0.0166088	0.428195	0.913159	-1.0951	0.739218	1.03823	1.03823	0.153116	0.842126	-1.18747	0.152806	0.842001	-1.18765	0.00173511	0.605491	-1.65155
cg21309351	KIAA1244;PBOV1	0.0249853	0.542639	1.36544	1.36544	0.000345794	18.3547	18.3547	0.159204	2.13914	2.13914	0.409261	1.53197	1.53197	0.559658	1.34736	1.34736
cg01223011	KIAA1257	0.00238372	0.00914826	0.208856	-4.78798	0.65749	1.23504	1.23504	0.0452241	0.337276	-2.96493	0.267185	1.72781	1.72781	0.000505617	0.0764333	-13.0833
cg00384205	KIAA1257	0.00321773	0.00382487	0.388417	-2.57455	0.00729874	2.31421	2.31421	0.141051	1.46804	1.46804	0.185913	0.711669	-1.40515	0.0199241	0.505889	-1.97672
cg02239499	KIAA1257	0.00489265	0.237147	0.810032	-1.23452	0.00339933	0.507965	-1.96864	0.000760169	0.419777	-2.38222	0.787222	0.95502	-1.0471	0.457976	1.1372	1.1372
cg18521796	KIAA1257	0.0124441	0.0484033	0.577297	-1.73221	0.782498	0.934806	-1.06974	0.0249199	0.521955	-1.91587	0.124416	0.666789	-1.49973	0.0161203	0.488094	-2.04879
cg02727530	KIAA1257	0.0163158	0.0201619	2.97	2.97	0.00212698	5.35001	5.35001	0.673228	1.17912	1.17912	0.0653655	2.23343	2.23343	0.554716	0.792861	-1.26125
cg03344114	KIAA1257	0.0174468	0.0847974	0.762016	-1.31231	0.03411	0.702862	-1.42276	0.00978576	0.627661	-1.59322	0.202451	0.825401	-1.21153	0.00258783	0.55135	-1.81373
cg14881178	KIAA1257	0.0375826	0.924359	1.00996	1.00996	0.00675776	1.44248	1.44248	0.334555	0.901365	-1.10943	0.0322252	0.769733	-1.29915	0.378854	0.910096	-1.09879
cg13740709	KIAA1257	0.0406523	0.320804	1.4206	1.4206	0.00342798	3.89916	3.89916	0.0233735	2.52745	2.52745	0.0362468	2.30104	2.30104	0.942518	0.975621	-1.02499
cg19976404	KIAA1267	0.000233645	0.000367916	0.231402	-4.32148	0.14946	1.48674	1.48674	0.0633314	1.70885	1.70885	0.0979585	1.5933	1.5933	4.68E-05	0.139418	-7.17266
cg19832721	KIAA1267	0.00321833	0.0162224	0.372175	-2.68691	0.845599	1.06774	1.06774	0.338292	0.717616	-1.3935	0.0120857	2.86307	2.86307	0.00508464	0.287977	-3.4725
cg13704117	KIAA1267	0.00509229	0.527882	1.14063	1.14063	0.166194	0.738047	-1.35493	0.101786	0.691768	-1.44557	0.638123	0.907136	-1.10237	0.000165319	0.266939	-3.74618
cg26250449	KIAA1267	0.00594517	0.742763	0.929112	-1.0763	0.00148013	2.78382	2.78382	0.00783358	0.466773	-2.14237	0.235547	1.31987	1.31987	0.382325	0.818712	-1.22143
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[illegible]	KIAA1267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1267;KIAA1267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1267;KIAA1267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1267;KIAA1267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1274	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1274	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	KIAA1274	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10518145	0.279275	1.91439	1.91439	0.112914	0.36931	-2.70775	0.573545	1.38864	1.38864	0.677786	0.785673	-1.27279	5.54703	29.2802	4.69204	1
cg20741293	0.00104005	0.534461	-1.87104	0.0529512	0.752931	-1.32814	0.659691	0.94443	-1.05884	0.238671	1.17261	1.17261	3.89996	1.02824	0.234358	1
cg14639919	0.218367	1.22135	1.22135	0.0359664	1.45761	1.45761	0.187906	0.806128	-1.2405	0.113912	1.30424	1.30424	3.72262	1.40629	0.335794	1
cg15874270	0.932479	1.01271	1.01271	2.11E-05	0.278734	-3.58765	0.176056	0.807014	-1.23914	0.834752	1.03163	1.03163	17.8342	6.27511	0.312763	1
cg13235098	0.0140588	1.6066	1.6066	0.0252103	1.51625	1.51625	0.173804	1.25394	1.25394	0.0184162	0.639417	-1.56393	7.29103	2.82411	0.344302	1
cg25456317	0.82129	1.04253	1.04253	0.669672	1.0822	1.0822	0.851271	0.96604	-1.03515	0.00667754	0.523213	-1.91127	6.66333	3.57573	0.477002	1
cg18425002	0.834623	1.07635	1.07635	0.000319626	0.128709	-7.76946	0.721027	0.881449	-1.1345	0.0149712	0.348968	-2.86559	10.367	20.3355	1.74361	1
cg24858591	0.509453	1.09736	1.09736	0.000541248	0.473879	-2.11024	0.877204	1.0217	1.0217	0.436512	1.11651	1.11651	8.39031	2.56156	0.271378	1
cg02574033	0.100529	0.799646	-1.25055	0.000763413	1.88468	1.88468	0.000430135	1.99844	1.99844	0.619946	0.939758	-1.0641	11.7029	2.86292	0.217453	1
cg14250881	0.198619	1.4321	1.4321	0.000269543	4.8535	4.8535	9.24E-05	6.32917	6.32917	0.0580686	1.76178	1.76178	14.1255	15.636	0.983943	1
cg14013337	0.2246	0.541732	-1.84593	0.000920104	0.0926107	-10.7979	0.0960215	2.40705	2.40705	0.089333	0.406479	-2.46015	8.90577	32.5709	3.25092	1
cg07211377	0.238979	0.630714	-1.58551	0.00128857	0.173226	-5.77281	0.0957004	1.98172	1.98172	0.0937138	0.502129	-1.99152	7.77696	17.2046	1.96644	1
cg00842794	0.378115	0.88115	-1.13488	0.653413	1.06528	1.06528	0.0262982	1.44585	1.44585	0.343797	1.14619	1.14619	4.25016	1.31775	0.275597	1
cg01327147	0.0759926	3.03452	3.03452	0.00151791	13.0315	13.0315	0.025888	4.42342	4.42342	0.190526	2.1799	2.1799	4.21441	21.0937	4.449	1
cg13912480	0.609277	1.19146	1.19146	0.00117284	5.04568	5.04568	0.151451	1.68591	1.68591	0.301415	1.43885	1.43885	4.17725	7.64002	1.62574	1
cg14588448	0.0448585	1.93289	1.93289	0.00798923	2.64611	2.64611	0.612928	1.15722	1.15722	0.241871	1.41994	1.41994	4.16921	5.40963	1.15335	1
cg13986870	0.132952	1.41928	1.41928	0.00246926	2.4822	2.4822	0.503824	1.1578	1.1578	0.126298	1.42941	1.42941	3.54641	2.62037	0.656781	1
cg01746241	0.245268	2.31926	2.31926	0.0563076	4.46382	4.46382	0.00568857	12.3112	12.3112	0.0635433	4.23754	4.23754	3.44746	26.16	6.74504	1
cg23226717	0.157712	1.42327	1.42327	7.89E-07	0.0452201	-22.114	0.779524	1.06777	1.06777	0.959447	0.98819	-1.01195	23.0226	19.9053	0.768533	1
cg26446717	0.75077	0.928923	-1.07652	6.92E-06	0.0997994	-10.0201	0.0353591	0.567253	-1.76288	0.371308	1.23664	1.23664	21.1984	17.9735	0.753662	1
cg19848126	0.00817684	1.26709	1.26709	0.075026	0.870509	-1.14875	0.00432094	1.30582	1.30582	0.000537914	1.4573	1.4573	9.58579	0.742768	0.0688768	1
cg05970307	0.794215	1.06865	1.06865	0.0108981	0.444058	-2.25196	0.0123978	2.2047	2.2047	0.0943446	0.626815	-1.59537	6.89862	7.04863	0.908217	1
cg08800530	0.00152392	0.703911	-1.42064	0.00245265	0.72312	-1.3829	0.881746	1.01152	1.01152	0.0424517	1.19693	1.19693	9.65744	0.905182	0.0833147	1
cg12358698	0.722846	1.06074	1.06074	0.00580665	1.81897	1.81897	0.00338741	1.93428	1.93428	0.0144558	0.607104	-1.64716	12.0292	5.22368	0.386001	1
cg22579224	0.565808	0.81964	-1.22005	0.0685762	0.497323	-2.01077	0.616189	1.18906	1.18906	0.0904318	0.527694	-1.89504	8.21011	15.2651	1.65272	1
cg03414764	0.6838	0.826106	-1.2105	0.00601791	0.187438	-5.33511	0.263508	0.580547	-1.72251	0.00498059	0.176545	-5.66429	7.71405	26.5899	3.06395	1
ch.15.1354287F	0.0110569	0.35558	-2.81231	0.694664	0.879849	-1.13656	0.99219	1.00318	1.00318	0.880552	1.05	1.05	6.83404	11.3953	1.48216	1
cg09175993	0.915414	1.00971	1.00971	0.000230201	1.74385	1.74385	0.102205	0.849916	-1.17659	0.519004	0.942292	-1.06124	6.42222	0.840821	0.116377	1
cg02585724	0.463291	1.15999	1.15999	0.00239163	2.31954	2.31954	0.620863	1.1042	1.1042	0.831614	1.04324	1.04324	6.2216	3.89438	0.556395	1
cg13990531	0.157804	0.681665	-1.467	0.0823578	0.61368	-1.62951	0.303197	1.31076	1.31076	0.0121994	0.452735	-2.2088	5.66468	5.77638	0.906416	1
cg04847610	0.265303	1.21054	1.21054	0.00741052	1.7643	1.7643	0.321576	0.844896	-1.18358	0.176631	0.789461	-1.26669	5.14609	2.20774	0.381346	1
cg21838329	0.836824	0.968943	-1.03205	0.00104119	2.10158	2.10158	0.80886	0.963605	-1.03777	0.826859	0.967043	-1.03408	4.04261	1.4984	0.329468	1
cg27092038	0.687923	1.08907	1.08907	0.0121475	1.93577	1.93577	0.67987	0.916056	-1.09164	0.522466	1.14679	1.14679	3.69329	2.6118	0.6286	1
cg02240539	0.861753	1.1041	1.1041	0.482104	1.50065	1.50065	0.702689	1.24343	1.24343	0.529901	0.696611	-1.43552	3.44428	17.6069	4.54393	1
cg08177359	0.537674	1.10554	1.10554	0.0202189	0.637473	-1.56869	0.319323	0.847504	-1.17993	0.610066	0.920635	-1.08621	3.43863	1.4077	0.363892	1
cg05208249	0.11073	0.723676	-1.38183	0.0135956	1.76509	1.76509	0.825532	1.04194	1.04194	0.000142955	0.295205	-3.38748	14.457	7.92971	0.487559	1
cg03589751	0.0313466	0.679092	-1.47255	0.00626683	0.579378	-1.72599	0.0639879	1.37578	1.37578	0.47437	0.8945	-1.11794	10.6762	3.97074	0.3306	1
cg22343609	0.190525	0.692295	-1.44447	0.0020645	3.16164	3.16164	0.0113413	2.31872	2.31872	0.0691147	1.71521	1.71521	10.1561	11.3199	0.990746	1
cg17054449	0.335186	0.731354	-1.36733	0.00213306	0.257066	-3.89006	0.00404269	3.37155	3.37155	0.0344285	2.17404	2.17404	7.36524	11.5596	1.39509	1
cg08168768	0.0406316	0.389059	-2.5703	0.00608548	0.239253	-4.17967	0.0476793	2.47033	2.47033	0.0681915	2.2604	2.2604	7.2121	18.2163	2.24515	1
cg06761424	0.0278051	0.219835	-4.54886	0.00944369	0.147125	-6.79695	0.00953351	6.77245	6.77245	0.0987837	2.87058	2.87058	6.39268	34.3634	4.77815	1
cg26973074	0.0719316	0.493995	-2.02431	0.0092803	0.313848	-3.18625	0.295457	1.46356	1.46356	0.553916	1.23391	1.23391	4.63677	9.05019	1.73496	1
cg02894810	0.758213	1.11311	1.11311	0.0260874	2.49994	2.49994	0.297453	1.45479	1.45479	0.233766	1.54223	1.54223	4.47126	8.52896	1.69556	1
cg17878899	0.541007	1.4132	1.4132	0.0280436	4.26423	4.26423	0.0172539	5.05967	5.05967	0.024629	4.46254	4.46254	3.70102	18.3088	4.39728	1
cg26950514	0.0249634	2.86727	2.86727	0.0339986	2.65686	2.65686	0.0952545	2.06214	2.06214	0.339579	1.47497	1.47497	3.64499	8.9999	2.19477	1
cg14451728	0.0167913	0.657926	-1.51993	2.60E-06	0.196474	-5.08973	0.0281267	0.689345	-1.45065	0.0121239	0.638509	-1.56615	18.3242	5.97317	0.289752	1
cg25769043	0.0743849	0.731373	-1.36729	0.000437989	0.417179	-2.39705	0.000874906	2.19329	2.19329	0.0170645	0.632797	-1.58029	10.3715	4.06756	0.348611	1
cg18513383	0.767585	1.03979	1.03979	6.50E-05	2.6265	2.6265	0.00222945	1.75759	1.75759	0.0901545	1.27878	1.27878	9.8873	2.71479	0.244065	1
cg24377604	0.129263	1.15948	1.15948	9.13E-05	1.87963	1.87963	0.804631	0.977875	-1.02263	0.299776	0.907549	-1.10187	9.08898	1.1731	0.114728	1
cg17290403	0.927953	0.982675	-1.01763	0.586031	0.899184	-1.11212	0.982054	0.995663	-1.00436	0.0837843	0.69088	-1.44743	8.50707	5.03149	0.525731	1
cg13688098	0.00242849	0.401277	-2.49205	0.199319	0.745759	-1.34092	0.183455	0.736908	-1.35702	0.441595	0.843886	-1.18499	7.35693	5.45218	0.65875	1
cg27086807	0.0784808	0.643083	-1.55501	0.00144958	0.353661	-2.82757	0.333869	1.2525	1.2525	0.144544	0.701868	-1.42477	5.60093	4.52598	0.71829	1
cg05193407	0.107948	0.674868	-1.48177	0.0613141	1.6043	1.6043	0.0669698	1.58467	1.58467	0.108302	0.675182	-1.48108	4.18223	3.32938	0.707625	1
cg07719077	0.113981	0.347773	-2.87544	0.12573	0.361396	-2.76705	0.12829	0.364272	-2.7452	0.0729188	0.292654	-3.41701	3.74654	22.3888	5.31188	1
cg09888336	0.985094	1.0028	1.0028	0.0325571	1.45475	1.45475	0.862968	0.974449	-1.02622	0.272237	1.18676	1.18676	3.61858	1.28654	0.316032	1
cg18158691	0.401161	1.11972	1.11972	0.0209934	0.693916	-1.4411	0.466036	0.906995	-1.10254	0.402826	0.893451	-1.11926	3.45602	0.947861	0.24379	1
cg12879013	0.690639	0.926295	-1.07957	0.0156226	0.567044	-1.76353	0.615584	1.10174	1.10174	0.00391382	0.475581	-2.10269	5.04483	2.92665	0.515669	1
cg06251764	0.000438163	0.648199	-1.54274	9.64E-05	0.581927	-1.71843	1.17E-08	5.88163	5.88163	0.027913	1.22476	1.22476	128.721	12.4173	0.0857486	1
cg25042430	0.0155668	0.669151	-1.49443	0.0947939	1.28229	1.28229	9.15E-08	10.6743	10.6743	0.0135768	1.51227	1.51227	46.7982	13.5935	0.258197	1
cg03353047	0.021479	1.37547	1.37547	0.000988886	1.75931	1.75931	0.615249	0.943192	-1.06023	0.221879	0.862282	-1.15971	13.9465	2.94199	0.18751	1
cg10116636	0.292959	1.23019	1.23019	0.144896	1.34623	1.34623	0.306304	1.22278	1.22278	0.245954	0.794199	-1.25913	12.4028	7.08322	0.507642	1
cg17646571	0.00194598	0.327123	-3.05696	0.00222168	0.3353	-2.98241	0.00211085	0.332128	-3.01088	0.0151437	0.467254	-2.14016	11.2183	10.2677	0.915259	1
cg18633693	0.101062	0.586282	-1.70566	0.0200002	0.433969	-2.30431	8.03E-05	8.30565	8.30565	0.528567	1.20907	1.20907	9.88253	13.8394	1.24479	1
cg09904358	0.0592764	0.305844	-3.26964	0.0157828	0.192907	-5.18385	0.00200663	0.0884191	-11.3098	0.0020953	0.0899892	-11.1124	9.75586	47.8264	4.35762	1
cg19591408	0.245237	0.772289	-1.29485	0.184107	0.741159	-1.34924	0.977015	1.00614	1.00614	0.0355436	0.594377	-1.68243	9.17184	6.56533	0.636278	1
cg04063945	0.216793	0.436853	-2.2891	0.736985	0.806706	-1.23961	9.64E-05	83.1589	83.1589	0.762679	1.21287	1.21287	8.48575	54.5746	5.71674	1
cg26526047	0.00718482	0.32794	-3.04934	0.002508	0.259567	-3.85258	0.00995867	0.351429	-2.84552	0.00249138	0.259168	-3.8585	8.43122	13.7838	1.45321	1
cg05217312	0.08751	0.498118	-2.00755	0.216499	0.618476	-1.61688	0.00078968	0.153501	-6.5146	0.0613003	0.458861	-2.17931	8.23532	17.8041	1.92171	1
cg19447221	0.0053464	0.54324	-1.84081	0.549895	1.10585	1.10585	0.010726	0.586676	-1.70452	0.0527094	0.693314	-1.44235	6.7239	2.94557	0.3894	1
cg09330153	0.888462	1.02826	1.02826	0.505934	0.874579	-1.14341	0.000750928	2.75974	2.75974	0.00202104	2.37419	2.37419	5.90103	3.68468	0.555034	1
cg07913806	0.904275	0.981997	-1.01833	0.000335272	2.3951	2.3951	0.633909	0.930115	-1.07514	0.729724	1.05377	1.05377	5.47004	1.97544	0.321012	1
cg24487076	0.0145154	0.479991	-2.08337	0.0634752	0.601303	-1.66305	0.502003	0.846977	-1.18067	0.203606	1.38691	1.38691	4.7817	4.4995	0.836431	1
cg03844372	0.325159	0.613409	-1.63023	0.00537525	0.171507	-5.83066	0.303252	0.598734	-1.67019	0.23155	0.546832	-1.82871	3.68789	13.5148	3.25747	1
cg00961517	0.642288	0.862667	-1.1592	0.196222	0.649488	-1.53967	0.613215	0.851315	-1.17465	0.0350146	0.460361	-2.17221	3.65448	5.77228	1.40401	1
cg11335419	0.230069	0.826333	-1.21017	0.817901	1.03556	1.03556	0.117114	0.772697	-1.29417	0.00286736	0.537179	-1.86158	3.54768	1.28944	0.323075	1
cg10325509	0.960794	1.01522	1.01522	0.999041	1.00037	1.00037	0.320077	0.729293	-1.37119	0.0302939	0.457272	-2.18688	3.45894	5.17157	1.32901	1
cg15406683	0.00766182	0.558022	-1.79205	0.0065885	0.548547	-1.823	0.244983	0.813027	-1.22997	0.0276356	0.641966	-1.55772	5.10332	2.34139	0.407819	1
cg04154276	0.00761211	0.627632	-1.59329	0.0121505	0.65426	-1.52844	0.709619	1.05208	1.05208	0.333526	1.14498	1.14498	4.92117	1.43591	0.259362	1
cg14013865	0.138941	0.73614	-1.35844	0.0424006	1.56762	1.56762	0.0177194	0.574252	-1.74139	0.0139621	0.557697	-1.79309	11.0821	6.4924	0.520753	1
cg18184218	0.0739828	0.548941	-1.82169	0.000986797	0.22883	-4.37005	0.635459	0.866036	-1.15469	0.00279105	0.289015	-3.46003	9.25399	13.295	1.27704	1
cg13572780	0.172328	0.708003	-1.41242	0.500635	1.17645	1.17645	0.00202407	2.81484	2.81484	0.11365	0.664193	-1.50559	9.16311	8.20066	0.795524	1
cg22539706	0.258676	0.780752	-1.28082	0.015875	0.537747	-1.85961	0.211138	1.31874	1.31874	0.11257	0.695749	-1.4373	7.98747	5.5793	0.620895	1
cg23755860	0.119479	0.728715	-1.37228	0.701296	1.07486	1.07486	0.692067	0.928145	-1.07742	0.0814759	0.696474	-1.4358	7.04463	3.91488	0.493977	1
cg25683358	0.38903	0.855307	-1.16917	0.0873995	1.3967	1.3967	0.778235	0.951241	-1.05126	0.289064	0.82296	-1.21513	6.00307	2.98038	0.441313	1
cg26572392	0.253401	0.647258	-1.54498	0.00816468	0.290945	-3.43708	0.618598	0.832739	-1.20086	0.0625508	0.465628	-2.14764	5.38633	11.346	1.8724	1
cg20054872	0.0365979	0.419182	-2.3856	0.10723	0.53293	-1.87642	0.187283	0.606353	-1.6492	0.0513831	0.452036	-2.21221	4.67294	9.48304	1.80387	1
cg06943141	0.106417	0.59991	-1.66692	0.00539975	0.345963	-2.89049	0.00768172	0.37051	-2.69898	0.59625	0.856443	-1.16762	4.22761	5.62432	1.18256	1
cg26964636	0.0141522	0.357945	-2.79372	0.0203642	0.387202	-2.58263	0.0194547	0.383426	-2.60807	0.0226948	0.396281	-2.52346	4.20443	7.66829	1.62121	1
cg18829521	0.839002	0.93738	-1.0668	0.00176008	0.242528	-4.12324	0.828802	0.933478	-1.07126	0.0436181	0.478341	-2.09056	3.94091	6.30687	1.42254	1
cg04911819	0.126389	0.295015	-3.38965	0.0546601	0.200056	-4.9986	0.194101	0.362684	-2.75722	0.0501034	0.19223	-5.2021	3.53344	30.4989	7.67246	1
cg11502597	0.719393	0.88846	-1.12554	0.00313119	0.266003	-3.75936	0.039076	0.457092	-2.18774	?	?	?	3.57204	5.40388	1.51283	1
cg07874507	0.536125	0.889731	-1.12394	0.00162754	2.3209	2.3209	0.465556	0.870668	-1.14854	0.360017	0.839039	-1.19184	3.43597	1.89257	0.489609	1
cg21272913	0.848188	1.05933	1.05933	0.00196959	0.268382	-3.72603	0.227039	0.682887	-1.46437	0.0408718	0.491723	-2.03367	5.88313	8.42767	1.27335	1
cg04122385	0.213309	1.42872	1.42872	0.156931	0.662239	-1.51003	0.14521	0.653216	-1.53089	0.00470832	0.359715	-2.77998	5.00247	5.87173	1.04335	1
cg16442712	0.187605	0.492112	-2.03206	0.050271	0.322027	-3.10533	0.101167	0.401963	-2.48779	0.465459	0.685813	-1.45812	4.55286	18.5889	3.62926	1
cg11856542	0.00307707	1.2475	1.2475	0.00464871	0.814283	-1.22807	0.000278059	1.38348	1.38348	0.196782	1.07732	1.07732	20.0985	0.948092	0.0419309	1
cg06651311	0.386151	1.21546	1.21546	0.00903918	0.482476	-2.07264	0.178921	1.36836	1.36836	0.537978	1.14679	1.14679	6.59313	5.03724	0.679123	1
cg26541867	0.937961	0.980728	-1.01965	0.603626	1.1399	1.1399	0.236587	1.36345	1.36345	0.283227	1.32145	1.32145	5.28098	5.22713	0.879825	1
cg23189276	0.457512	0.917306	-1.09015	0.0305962	0.748389	-1.3362	0.00858196	1.46589	1.46589	0.0909636	1.23667	1.23667	5.16009	1.06366	0.183228	1
cg08040012	0.796528	0.886626	-1.12787	0.153467	2.03761	2.03761	0.0144791	4.06772	4.06772	0.101467	0.433843	-2.30498	3.66532	12.5898	3.0532	1
cg11385476	0.000108748	2.58708	2.58708	0.97933	0.996395	-1.00362	5.32E-06	4.21156	4.21156	0.763981	1.04287	1.04287	30.4594	9.37401	0.273559	1
cg10498577	0.296859	0.889077	-1.12476	0.997328	0.999636	-1.00036	0.0690811	0.801623	-1.24747	0.604366	0.944764	-1.05847	17.3653	3.24992	0.166356	1
cg16868145	0.379141	1.23202	1.23202	0.412206	1.21396	1.21396	0.976991	0.993353	-1.00669	0.634915	0.895284	-1.11696	9.28429	7.86355	0.752865	1
cg07513204	0.0288779	1.25167	1.25167	0.00452102	1.39047	1.39047	0.0349361	0.807239	-1.23879	0.00952361	0.751172	-1.33125	7.85075	0.943791	0.106859	1
cg10098010	0.510319	1.07807	1.07807	0.0386666	0.763708	-1.3094	0.130503	0.832078	-1.20181	0.0608482	1.26854	1.26854	7.25873	1.45675	0.178391	1
cg03362421	0.00238842	0.413026	-2.42116	0.184933	1.34137	1.34137	0.551191	0.881659	-1.13423	0.00204872	0.403513	-2.47823	7.0268	4.85588	0.614268	1
cg21719608	0.118714	1.28878	1.28878	0.918982	0.984874	-1.01536	0.720634	1.05527	1.05527	0.202777	0.817566	-1.22314	6.61874	2.35233	0.315915	1
cg07200490	0.705149	1.08312	1.08312	0.0482078	0.622381	-1.60673	0.194554	1.33406	1.33406	0.909197	1.02425	1.02425	5.89224	4.11679	0.621049	1
cg09808864	0.237154	0.803475	-1.24459	0.00139183	0.441129	-2.26691	0.00333383	0.493665	-2.02566	0.253967	1.23425	1.23425	5.77594	2.85542	0.439436	1
cg01561856	0.963177	1.00922	1.00922	0.0254361	1.69538	1.69538	0.16584	1.34142	1.34142	0.260576	1.26267	1.26267	5.69212	3.56138	0.55615	1
cg14329675	0.232194	0.606679	-1.64832	0.379895	0.699034	-1.43055	0.0380133	2.65098	2.65098	0.67921	1.17916	1.17916	4.92802	11.9791	1.89064	1
cg26366554	0.158515	0.708127	-1.41218	0.027186	0.549575	-1.81959	0.812051	1.05606	1.05606	0.0433312	0.587361	-1.70253	4.20012	3.48749	0.738072	1
cg12434085	0.0830446	0.431204	-2.31909	0.845024	1.08957	1.08957	0.516352	0.749447	-1.33432	0.249492	0.590056	-1.69475	4.14047	12.5982	2.70463	1
cg21258169	0.528099	0.875971	-1.14159	0.31411	1.24069	1.24069	0.936796	0.983705	-1.01657	0.189674	0.749917	-1.33348	4.02926	2.73873	0.604186	1
cg25126021	0.409959	1.41932	1.41932	0.507961	1.32194	1.32194	0.744449	1.1456	1.1456	0.678168	1.18936	1.18936	3.93763	10.7699	2.43121	1
cg14848685	0.146066	1.98026	1.98026	0.00165885	7.17434	7.17434	0.0529841	2.61911	2.61911	0.255356	1.6819	1.6819	3.74612	11.3737	2.69877	1
cg20291636	0.793103	1.04443	1.04443	0.002363	0.495942	-2.01636	0.89107	1.02292	1.02292	0.348421	0.852454	-1.17308	3.5499	1.53744	0.384972	1
cg05096634	0.662639	1.0441	1.0441	2.12E-05	0.430799	-2.32127	0.0622236	0.813546	-1.22919	?	?	?	10.7418	1.4613	0.136038	1
cg05559558	0.0398468	0.765782	-1.30586	0.0140908	0.711531	-1.40542	0.70998	1.04285	1.04285	0.0627052	1.26519	1.26519	5.00829	1.00055	0.177582	1
cg21309351	0.159412	2.13822	2.13822	0.339743	1.64427	1.64427	0.75533	1.17116	1.17116	0.556393	0.740312	-1.35078	4.35812	17.6318	3.59621	1
cg01223011	0.0166008	0.250574	-3.99083	0.00138849	0.111657	-8.95599	0.00551907	0.178079	-5.61547	0.00923867	0.209495	-4.77338	9.1594	32.4662	3.15073	1
cg00384205	0.112425	0.657616	-1.52064	0.000643996	0.280842	-3.56073	0.766787	0.930409	-1.0748	0.46089	0.833547	-1.19969	8.38164	7.80794	0.828047	1
cg02239499	0.24834	1.22787	1.22787	0.00935757	1.75176	1.75176	0.98355	1.00351	1.00351	0.144615	0.766017	-1.30545	7.38735	3.3857	0.407387	1
cg18521796	0.139195	0.678596	-1.47363	0.981778	1.00558	1.00558	0.000402294	0.253864	-3.93912	0.0697741	0.610171	-1.63889	5.50807	5.17716	0.835487	1
cg02727530	0.0428056	2.47367	2.47367	0.0261842	2.78627	2.78627	0.0145476	3.21938	3.21938	0.0257995	2.79632	2.79632	5.03811	12.0407	2.12437	1
cg03344114	0.0305383	0.695985	-1.43681	0.0179509	0.663603	-1.50692	0.0336546	0.702023	-1.42445	0.0140186	0.648842	-1.54121	4.9265	1.58646	0.286246	1
cg14881178	0.904464	1.01261	1.01261	0.154151	0.852844	-1.17255	0.355339	0.905553	-1.1043	0.0270847	0.761064	-1.31395	3.76832	0.6498	0.153278	1
cg13740709	0.663548	1.16161	1.16161	0.914107	0.963747	-1.03762	0.474304	1.2828	1.2828	0.0207527	2.59308	2.59308	3.66123	6.79236	1.64908	1
cg19976404	0.0368552	0.536803	-1.86288	0.000431855	0.239648	-4.17278	0.264641	0.742063	-1.3476	0.00169979	0.316587	-3.15869	17.6115	18.3645	0.926898	1
cg19832721	0.00888615	0.326516	-3.06264	0.00233258	0.239599	-4.17365	0.0763108	1.94045	1.94045	0.0343646	0.436185	-2.29261	8.38118	15.0004	1.59091	1
cg13704117	0.662688	1.0945	1.0945	0.0264872	1.7181	1.7181	0.338948	1.22481	1.22481	0.105899	0.695341	-1.43814	7.29771	4.89213	0.595879	1
cg26250449	0.0063672	0.452588	-2.20952	0.443433	0.839919	-1.19059	0.123879	1.45068	1.45068	0.201219	1.35167	1.35167	6.95885	5.49328	0.701685	1
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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg10668980	KIAA1274	0.0158916	0.318488	0.7929	-1.26119	0.000430917	0.285504	-3.50258	0.145402	0.703364	-1.42174
cg25204955	KIAA1274	0.0238213	0.0120156	0.360834	-2.77136	0.980198	1.00811	1.00811	0.0657315	0.510733	-1.95797
cg20418394	KIAA1274	0.0268662	0.0571442	0.342024	-2.92377	0.453694	0.683519	-1.46302	0.0561674	0.340202	-2.93943
cg00391031	KIAA1274	0.0437604	0.707751	1.09073	1.09073	0.145957	0.6977	-1.43328	0.0163543	0.508219	-1.96766
cg23832814	KIAA1274	0.0493083	0.101957	0.58874	-1.69854	0.00415927	0.320858	-3.11664	0.00604438	0.346024	-2.88997
cg19047180	KIAA1279	0.0043073	0.00282889	0.347679	-2.87622	0.239933	1.37185	1.37185	0.309809	1.31002	1.31002
cg22692790	KIAA1279	0.00460833	0.769991	1.05831	1.05831	0.17895	1.31784	1.31784	0.240578	1.26808	1.26808
cg10480513	KIAA1279	0.00512743	0.164613	0.84938	-1.17733	0.0895174	1.2289	1.2289	0.819677	1.02546	1.02546
cg15558658	KIAA1279	0.00553388	0.140854	1.09433	1.09433	0.0879769	0.898381	-1.11311	0.0326172	1.15294	1.15294
cg05483617	KIAA1279	0.017915	0.943919	0.988977	-1.01115	0.0223427	0.649656	-1.53928	0.00188966	0.499629	-2.00148
cg10822447	KIAA1279	0.0429727	0.709357	0.862776	-1.15905	0.67785	0.848161	-1.17902	0.547424	1.27127	1.27127
cg13225420	KIAA1310;KIAA1310	0.000382963	0.0604002	1.20167	1.20167	0.281853	1.10189	1.10189	0.16169	1.13842	1.13842
cg14950039	KIAA1310;KIAA1310	0.00125157	0.8259	1.03431	1.03431	0.058954	0.721346	-1.3863	0.0891207	0.750408	-1.33261
cg00372354	KIAA1310;KIAA1310	0.00178331	0.0232295	1.77893	1.77893	0.0240411	0.564717	-1.7708	0.447418	0.848403	-1.17869
cg02340801	KIAA1310;KIAA1310	0.00378265	0.00437223	0.734904	-1.36072	0.0406245	0.825897	-1.2108	0.00150119	1.44804	1.44804
cg22057050	KIAA1310;KIAA1310	0.00885921	0.0696636	0.573758	-1.7429	0.0128424	2.3305	2.3305	0.0307813	0.499267	-2.00294
cg07058882	KIAA1310;KIAA1310	0.0342446	0.641195	0.940249	-1.06355	0.68218	1.05553	1.05553	0.0564476	1.32778	1.32778
cg17695625	KIAA1310;KIAA1310	0.0392717	0.776318	1.08395	1.08395	0.78321	1.08118	1.08118	0.412639	0.788964	-1.26748
cg21821659	KIAA1310;KIAA1310	0.0421904	0.670893	1.10323	1.10323	0.149667	0.701152	-1.42622	0.971864	0.991926	-1.00814
cg08883078	KIAA1310;KIAA1310	0.0437736	0.0510326	0.45566	-2.19462	0.0878418	0.513604	-1.94702	0.164875	0.592135	-1.6888
cg27004414	KIAA1310;KIAA1310	0.0479939	0.206832	0.820445	-1.21885	0.0271647	0.677929	-1.47508	0.469027	0.896272	-1.11573
cg01778864	KIAA1324	0.000327509	7.57E-05	0.428704	-2.33261	0.0177057	0.711547	-1.40539	0.000479572	0.523901	-1.90876
cg23235832	KIAA1324	0.0222098	0.0508081	0.496223	-2.01522	0.123449	0.591271	-1.69127	0.00467592	0.305977	-3.26822
cg17325318	KIAA1324	0.0385183	0.035554	0.342093	-2.92318	0.745978	1.15314	1.15314	0.393555	0.68173	-1.46686
cg13932362	KIAA1324;C1orf194	0.0280032	0.918452	1.06698	1.06698	0.00655395	9.35286	9.35286	0.199898	2.35672	2.35672
cg00009167	KIAA1324;C1orf194;C1orf194	0.00903314	0.077974	0.790943	-1.26431	0.0204368	1.3973	1.3973	0.81495	1.02847	1.02847
cg09820792	KIAA1324;C1orf194;C1orf194	0.0195977	0.483818	1.08109	1.08109	0.0120081	1.40962	1.40962	0.485581	0.925295	-1.08074
cg27430662	KIAA1324;KIAA1324;C1orf194	3.76E-05	0.000241748	0.482275	-2.07351	5.70E-06	3.41293	3.41293	0.00319545	1.6216	1.6216
cg04994773	KIAA1324;KIAA1324;C1orf194	0.0118581	0.024167	0.556014	-1.79852	0.0198961	1.84727	1.84727	0.26789	1.2866	1.2866
cg24046305	KIAA1324L	0.00735481	0.733825	0.942057	-1.06151	0.000829202	2.41156	2.41156	0.202373	1.26539	1.26539
cg21086503	KIAA1324L;KIAA1324L;KIAA1324L	0.000486634	0.00184549	0.720344	-1.38823	0.135058	1.12696	1.12696	0.000113032	0.604655	-1.65384
cg03360716	KIAA1324L;KIAA1324L;KIAA1324L	0.00125424	0.498503	1.05588	1.05588	0.0326118	0.820461	-1.21883	0.00123501	0.688139	-1.4532
cg25955614	KIAA1324L;KIAA1324L;KIAA1324L	0.00951069	0.917307	0.981141	-1.01922	0.0414882	0.649866	-1.53878	0.00794563	0.53584	-1.86623
cg01027229	KIAA1324L;KIAA1324L;KIAA1324L	0.0128224	0.43493	0.855232	-1.16927	0.0674974	0.668889	-1.49502	0.0234216	0.58769	-1.70158
cg15139222	KIAA1328;C18orf10	0.00850566	0.0540759	1.10948	1.10948	0.0875284	1.09377	1.09377	0.000525195	1.29276	1.29276
cg23776217	KIAA1328;C18orf10	0.0484672	0.12839	0.694128	-1.44066	0.265883	0.772946	-1.29375	0.684783	1.0949	1.0949
cg24008177	KIAA1370	0.00274964	0.0305767	1.80523	1.80523	0.000585186	3.44006	3.44006	0.00580572	2.31626	2.31626
cg02982559	KIAA1370	0.00319503	0.473396	0.912447	-1.09595	0.127795	1.22984	1.22984	0.984817	0.997612	-1.00239
cg07919744	KIAA1370	0.00548248	0.804685	1.06813	1.06813	0.00186586	0.309098	-3.23522	0.00681602	0.393556	-2.54093
cg06871560	KIAA1370	0.0270352	0.578089	1.16384	1.16384	0.232468	0.713093	-1.40234	0.443062	1.23515	1.23515
cg22675453	KIAA1370	0.0288228	0.169921	0.766599	-1.30446	0.0387178	1.54535	1.54535	0.00164384	2.26939	2.26939
cg21545293	KIAA1377;ANGPTL5	0.00181022	0.000459103	0.496219	-2.01524	0.0169207	1.44789	1.44789	0.156138	1.21257	1.21257
cg04768657	KIAA1377;ANGPTL5	0.0290446	0.402196	0.786628	-1.27125	0.0493097	0.533613	-1.87402	0.0580644	0.548993	-1.82152
cg20609344	KIAA1377;ANGPTL5	0.0324065	0.100678	1.25855	1.25855	0.0145953	1.46911	1.46911	0.520838	1.08679	1.08679
cg02903907	KIAA1383	2.48E-05	0.00639135	0.725907	-1.37759	0.00713406	1.36847	1.36847	0.472238	0.936125	-1.06823
cg05460318	KIAA1383	0.000192939	0.906852	1.04593	1.04593	0.00515553	4.12462	4.12462	0.0283181	0.37042	-2.69964
cg06935979	KIAA1383	0.000418585	0.0559008	0.50781	-1.96924	0.126004	1.67866	1.67866	0.0630703	0.519869	-1.92356
cg16430166	KIAA1383	0.000568027	0.539935	1.22699	1.22699	0.00573278	3.30012	3.30012	0.162992	0.612062	-1.63382
cg00951395	KIAA1383	0.00165746	0.0825277	0.399893	-2.50067	0.198599	1.91078	1.91078	0.142353	0.471571	-2.12057
cg19712123	KIAA1383	0.00396525	0.00294357	0.333437	-2.99907	0.00226731	0.317048	-3.1541	0.00611612	0.381989	-2.61787
cg15542798	KIAA1383	0.00867361	0.393838	1.46332	1.46332	0.255437	1.67784	1.67784	0.0237337	0.308302	-3.24357
cg18196782	KIAA1383	0.016733	0.551966	1.505	1.505	0.0132871	8.03787	8.03787	0.250122	0.442007	-2.26241
cg11680118	KIAA1383	0.0285487	0.0303067	0.213929	-4.67445	0.0652867	0.285604	-3.50135	0.0168175	0.1709	-5.85137
cg04794372	KIAA1407	0.0402665	0.0100752	0.125254	-7.9838	0.442901	0.60623	-1.64954	0.0878575	0.299649	-3.33724
cg25852545	KIAA1407;QTRTD1	0.00224095	0.558317	1.12001	1.12001	0.213649	0.778243	-1.28495	0.189891	0.766565	-1.30452
cg00843561	KIAA1407;QTRTD1	0.0285036	0.00776501	0.722064	-1.38492	0.531487	1.06224	1.06224	0.175274	1.14718	1.14718
cg19642748	KIAA1409	0.000249007	0.212956	0.845758	-1.18237	4.45E-05	0.372471	-2.68478	0.0040792	0.611222	-1.63607
cg00741624	KIAA1409	0.00249619	0.020255	1.45406	1.45406	0.947767	1.0088	1.0088	0.000236109	2.2589	2.2589
cg19937378	KIAA1409	0.00278356	0.243646	1.37981	1.37981	0.000121734	0.170213	-5.87501	0.0102125	0.425432	-2.35055
cg21491013	KIAA1409	0.00337867	0.301712	1.23988	1.23988	0.00411154	0.461399	-2.16732	0.0218853	0.575379	-1.73798
cg06626359	KIAA1409	0.00404359	0.0925698	0.632175	-1.58184	0.170768	1.4353	1.4353	0.00304363	0.365745	-2.73414
cg23962175	KIAA1409	0.00415556	0.295877	1.1211	1.1211	0.000926409	0.593574	-1.68471	0.133324	1.18622	1.18622
cg09011244	KIAA1409	0.00654675	0.583287	0.904158	-1.106	0.0020199	0.452943	-2.20778	0.0703826	1.44455	1.44455
cg01992832	KIAA1409	0.00657293	0.497186	0.904938	-1.10505	0.00277419	1.81823	1.81823	0.0452626	1.39494	1.39494
cg10532364	KIAA1409	0.0100543	0.219161	0.731001	-1.36799	0.00154819	0.331612	-3.01558	0.0372542	0.556396	-1.79728
cg13034868	KIAA1409	0.0150023	0.201741	0.58486	-1.70981	0.480484	0.751741	-1.33025	0.843583	0.924405	-1.08178
cg21498620	KIAA1409	0.0220423	0.823102	1.03879	1.03879	0.000917104	0.430844	-2.32103	0.698908	1.06829	1.06829
cg24112454	KIAA1409	0.0271999	0.541221	0.827608	-1.2083	0.661001	1.14454	1.14454	0.00415853	3.2386	3.2386
cg10340801	KIAA1409	0.0282021	0.121155	0.593665	-1.68445	0.0934787	1.77251	1.77251	0.0571283	0.512839	-1.94993
cg06084557	KIAA1409;BTBD7;BTBD7	0.0373619	0.0850054	0.698958	-1.4307	0.758339	0.943616	-1.05975	0.0737263	1.45485	1.45485
cg21149595	KIAA1409;COX8C	0.000606434	0.142739	0.732956	-1.36434	0.669711	1.0883	1.0883	0.000304354	0.314342	-3.18124
cg27651218	KIAA1409;COX8C	0.0123756	0.0617676	0.665497	-1.50264	0.00167786	0.419151	-2.38578	0.523908	1.13318	1.13318
cg24708056	KIAA1409;COX8C;COX8C	7.68E-05	0.0278391	0.644929	-1.55056	0.0538514	1.44679	1.44679	0.0147664	0.602761	-1.65903
cg10213488	KIAA1409;KIAA1409;BTBD7;BTBD7	0.0228881	0.123017	0.852712	-1.17273	0.00447573	1.43543	1.43543	0.0101426	1.3624	1.3624
cg20601096	KIAA1409;KIAA1409;BTBD7;BTBD7	0.0288235	0.393213	0.803598	-1.2444	0.716357	0.912815	-1.09551	0.252541	1.34823	1.34823
cg23410220	KIAA1409;KIAA1409;BTBD7;BTBD7	0.0330177	0.520403	1.38875	1.38875	0.689487	1.22439	1.22439	0.0196114	0.24139	-4.14267
cg02171725	KIAA1429;KIAA1429	0.0201708	0.0262676	0.174833	-5.71975	0.00538725	0.0885638	-11.2913	0.0584617	0.243048	-4.11441
cg21144988	KIAA1430	0.00436809	0.0536079	0.450169	-2.22139	0.629398	0.837723	-1.19371	0.871489	0.942751	-1.06073
cg17128461	KIAA1430	0.0084215	0.845379	1.03474	1.03474	0.148879	1.311	1.311	0.0112558	1.74262	1.74262
cg02148270	KIAA1430	0.0169054	0.0112413	0.173542	-5.7623	0.272931	0.533019	-1.87611	0.625762	0.762594	-1.31131
cg01881046	KIAA1430	0.0268718	0.200518	0.76573	-1.30594	0.519016	1.13775	1.13775	0.00443739	2.11588	2.11588
cg20585916	KIAA1430	0.0435868	0.175894	0.662056	-1.51045	0.00343227	0.320108	-3.12395	0.0729871	0.563788	-1.77372
cg00769072	KIAA1432	0.000894752	0.24412	0.897967	-1.11363	0.00784506	1.35164	1.35164	0.0157672	1.29858	1.29858
cg14419441	KIAA1432;KIAA1432	0.000501013	0.869164	1.04005	1.04005	0.00563326	0.420838	-2.37621	0.00379532	0.394518	-2.53474
cg17955195	KIAA1432;KIAA1432	0.00967673	0.562188	0.886401	-1.12816	0.000573105	0.333828	-2.99555	0.0178782	0.553056	-1.80813
cg08461107	KIAA1462	0.00266176	0.0346717	0.767449	-1.30302	0.0144513	0.723279	-1.38259	0.0628582	0.798558	-1.25226
cg11614536	KIAA1462	0.0434507	0.185462	0.764129	-1.30868	0.00582749	0.500687	-1.99725	0.0127052	0.552483	-1.81001
cg00730780	KIAA1462	0.047541	0.768456	1.08951	1.08951	0.0115997	2.50022	2.50022	0.0151714	2.37792	2.37792
cg27036936	KIAA1462	0.0490034	0.660569	1.07833	1.07833	0.0120188	0.585879	-1.70684	0.139542	0.762346	-1.31174
cg23175533	KIAA1467	0.00158817	0.0278131	0.409277	-2.44333	0.00186547	0.219491	-4.55599	0.123694	0.563896	-1.77338
cg07814122	KIAA1467	0.0210299	0.782568	0.866095	-1.15461	0.033422	0.274838	-3.6385	0.0667747	0.343685	-2.90964
cg16925307	KIAA1467	0.0266825	0.0123929	2.01617	2.01617	0.459247	0.84388	-1.185	0.580389	1.13403	1.13403
cg05912082	KIAA1467	0.0420373	0.150072	0.833802	-1.19933	0.016623	0.708554	-1.41133	0.151313	1.19857	1.19857
cg10859755	KIAA1486	0.0017161	0.709348	0.909726	-1.09923	0.0091453	2.30846	2.30846	0.035075	0.537701	-1.85977
cg16189995	KIAA1486	0.0207603	0.0663337	0.377689	-2.64768	0.000819144	0.0921402	-10.853	0.023225	0.277265	-3.60666
cg15735078	KIAA1486	0.0244659	0.235807	0.725715	-1.37795	0.157187	0.676797	-1.47755	0.0152091	0.463316	-2.15836
cg26703456	KIAA1486	0.0248347	0.72658	1.08158	1.08158	0.00187969	2.67705	2.67705	0.100002	1.49576	1.49576
cg17682357	KIAA1486	0.0252079	0.679001	0.872559	-1.14605	0.13629	1.69189	1.69189	0.0322165	0.439675	-2.27441
cg04259188	KIAA1486	0.0421226	0.109165	0.733279	-1.36374	0.0108074	1.76574	1.76574	0.109944	1.36265	1.36265
cg25850629	KIAA1522	7.14E-06	9.90E-06	0.250238	-3.9962	6.05E-05	0.33927	-2.94751	0.000364523	0.43457	-2.30113
cg00528191	KIAA1522	0.000190767	8.29E-05	0.380693	-2.62679	0.000128713	0.403745	-2.47681	7.97E-05	0.378679	-2.64076
cg12301823	KIAA1522	0.000418393	0.129724	1.15045	1.15045	0.00207161	0.689837	-1.44962	0.0866823	1.17588	1.17588
cg16728604	KIAA1522	0.000984544	0.0225106	0.652082	-1.53355	0.00397656	1.83285	1.83285	0.431496	1.13385	1.13385
cg21167532	KIAA1522	0.00116632	0.946815	0.964479	-1.03683	0.373523	1.64089	1.64089	0.00553845	7.21454	7.21454
cg22048405	KIAA1522	0.00165191	0.0108207	2.31181	2.31181	0.0266203	1.98962	1.98962	0.719384	1.09907	1.09907
cg04892182	KIAA1522	0.00815504	0.697991	0.686493	-1.45668	0.20045	3.6861	3.6861	0.13262	4.78456	4.78456
cg02458483	KIAA1522	0.00834182	0.0400929	1.79444	1.79444	0.00460585	2.53306	2.53306	0.0865747	1.59455	1.59455
cg19262476	KIAA1522	0.00931185	0.0042101	0.522069	-1.91546	0.53519	0.898981	-1.11237	0.00287076	0.498828	-2.0047
cg05590196	KIAA1522	0.00994024	0.0701591	1.33187	1.33187	0.158328	1.23799	1.23799	0.0145765	1.53095	1.53095
cg03946707	KIAA1522	0.0138607	0.180538	0.663678	-1.50675	0.0111313	0.39951	-2.50306	0.0131988	0.412396	-2.42485
cg26514080	KIAA1522	0.0145991	0.251613	0.734779	-1.36095	0.129512	1.52418	1.52418	0.468991	1.20873	1.20873
cg06786238	KIAA1522	0.0150004	0.89215	0.927458	-1.07822	0.446351	1.53865	1.53865	0.0354466	3.89398	3.89398
cg04902474	KIAA1522	0.015337	0.0458728	0.494812	-2.02097	0.00255055	0.276135	-3.62142	0.157317	0.628183	-1.59189
cg26305881	KIAA1522	0.0183195	0.721463	0.917799	-1.08957	0.503954	1.17646	1.17646	0.114805	0.663029	-1.50823
cg13629162	KIAA1522	0.0185588	0.0619996	0.374792	-2.66815	0.207859	0.537846	-1.85927	0.0769549	0.39912	-2.50551
cg23097296	KIAA1522	0.0195758	0.414254	1.50177	1.50177	0.0927356	0.406037	-2.46283	0.0259986	3.62346	3.62346
cg09804503	KIAA1522	0.0230552	0.966523	1.0388	1.0388	0.419101	2.11454	2.11454	0.0199987	12.7615	12.7615
cg11197101	KIAA1522	0.0234838	0.0174849	2.65535	2.65535	0.915877	0.964956	-1.03632	0.933103	1.02875	1.02875
cg24102266	KIAA1522	0.0279614	0.00199587	0.520743	-1.92033	0.0120915	0.626361	-1.59652	0.0444664	0.708161	-1.41211
cg17327404	KIAA1522	0.028748	0.604758	0.799952	-1.25008	0.31344	1.56158	1.56158	0.0229999	3.19778	3.19778
cg00251405	KIAA1522	0.0423052	0.436684	1.22367	1.22367	0.672225	1.11434	1.11434	0.00694557	2.43159	2.43159
cg12478578	KIAA1522	0.049923	0.956816	0.962921	-1.03851	0.192252	2.61968	2.61968	0.0298793	5.94748	5.94748
cg07258788	KIAA1524	0.0416473	0.634694	0.843259	-1.18587	0.113013	0.540986	-1.84848	0.908334	0.959805	-1.04188
cg02099321	KIAA1524;DZIP3	0.0345389	0.219746	1.18808	1.18808	0.09366	0.780388	-1.28141	0.067875	0.758911	-1.31768
cg05262448	KIAA1524;DZIP3	0.0395455	0.00614236	0.549223	-1.82075	0.528154	0.898411	-1.11308	0.440189	1.14105	1.14105
cg15763344	KIAA1524;DZIP3	0.0481887	0.855054	0.935036	-1.06948	0.784287	0.904121	-1.10605	0.245773	1.56192	1.56192
cg14015656	KIAA1529	1.37E-06	0.309153	0.795356	-1.2573	0.000252371	3.7159	3.7159	0.392158	0.82637	-1.21011
cg01838004	KIAA1529	5.71E-06	0.943638	0.980707	-1.01967	0.0124698	2.35516	2.35516	0.863714	0.953766	-1.04848
cg25327452	KIAA1529	1.56E-05	0.000912229	0.571407	-1.75007	5.62E-07	4.77236	4.77236	0.00736365	0.677157	-1.47676
cg13727089	KIAA1529	0.00406506	0.00550728	0.193544	-5.16679	0.762614	1.14607	1.14607	0.0685465	0.399449	-2.50345
cg13739659	KIAA1529	0.00994411	0.0159492	0.547881	-1.82521	0.0343701	1.65403	1.65403	0.0369637	1.63883	1.63883
cg14267777	KIAA1529	0.0188429	0.0600972	1.60881	1.60881	0.0133465	0.502973	-1.98818	0.122901	0.68746	-1.45463
cg20887711	KIAA1530	3.09E-05	0.102601	1.4456	1.4456	0.00143443	2.70989	2.70989	0.0367985	1.65751	1.65751
cg02988312	KIAA1530	4.49E-05	0.140771	0.684331	-1.46128	0.143261	1.45733	1.45733	0.000639111	0.285027	-3.50844
cg01939980	KIAA1530	6.71E-05	0.016209	0.682666	-1.46485	0.504214	0.915778	-1.09197	1.73E-05	0.318932	-3.13546
cg22683308	KIAA1530	0.000616483	0.9326	0.967849	-1.03322	0.00735651	0.263267	-3.79843	0.281337	1.54122	1.54122
cg19296501	KIAA1530	0.000680407	0.00666399	0.592432	-1.68796	7.37E-05	0.342476	-2.91991	0.000162889	0.384157	-2.6031
cg27240402	KIAA1530	0.00147266	0.00439811	0.312738	-3.19756	0.0168897	0.410276	-2.43739	0.00515537	0.323317	-3.09294
cg10164264	KIAA1530	0.00169592	0.0241869	0.680615	-1.46926	0.512323	1.09981	1.09981	0.129345	0.790884	-1.26441
cg05025164	KIAA1530	0.00171667	0.0694929	1.52402	1.52402	0.00640329	2.18534	2.18534	?	?	?
cg09807315	KIAA1530	0.00315153	0.0244548	0.790756	-1.26461	0.13438	1.15185	1.15185	0.030327	1.24978	1.24978
cg13929480	KIAA1530	0.0037068	0.113078	1.20119	1.20119	0.000521794	1.77711	1.77711	0.113461	1.20092	1.20092

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)
cg10668980	0.911808	0.975372	-1.02525	0.388157	0.819494	-1.22027	0.249564	1.31107	1.31107
cg25204955	0.27594	0.691598	-1.44593	0.016263	0.384376	-2.60162	0.118632	1.7353	1.7353
cg20418394	0.0817754	0.382308	-2.61569	0.00838036	0.186544	-5.36067	0.142661	2.19356	2.19356
cg00391031	0.374097	0.810264	-1.23417	0.0186907	1.92953	1.92953	0.134937	0.689599	-1.45012
cg23832814	0.145422	0.62961	-1.58828	0.750504	0.90991	-1.09901	0.794029	0.925489	-1.08051
cg19047180	0.0589057	1.73	1.73	0.000418176	0.237515	-4.21026	0.574542	0.864384	-1.15689
cg22692790	0.0019961	0.430188	-2.32456	0.762698	1.06028	1.06028	0.000362166	0.33114	-3.01988
cg10480513	0.216879	0.8667	-1.1538	0.344766	0.898394	-1.1131	0.0917758	0.815138	-1.22679
cg15558658	0.197977	1.08051	1.08051	0.025478	1.16311	1.16311	0.294655	0.940019	-1.06381
cg05483617	0.677753	1.06805	1.06805	0.0233847	1.53234	1.53234	0.423045	0.879037	-1.13761
cg10822447	0.244763	0.618975	-1.61557	0.556458	1.26427	1.26427	0.00106572	0.148555	-6.73149
cg13225420	0.786549	1.02383	1.02383	0.111383	0.860329	-1.16235	0.266705	0.904484	-1.1056
cg14950039	0.258485	0.834793	-1.1979	0.0302685	0.676978	-1.47715	0.000235573	0.393157	-2.54352
cg00372354	0.00763548	2.07132	2.07132	?	?	?	?	?	?
cg02340801	0.493633	1.05786	1.05786	0.11751	0.871481	-1.14747	0.0213676	1.25079	1.25079
cg22057050	0.879952	1.04225	1.04225	0.0304178	0.498254	-2.00701	0.022456	0.472975	-2.11428
cg07058882	0.123379	1.24494	1.24494	0.180472	1.20525	1.20525	0.14959	1.22484	1.22484
cg17695625	0.0410577	1.94862	1.94862	0.573062	1.17485	1.17485	0.230529	1.42755	1.42755
cg21821659	0.0831468	0.643447	-1.55413	0.70006	0.914872	-1.09305	0.158193	0.706982	-1.41446
cg08883078	0.0991055	1.89545	1.89545	0.028866	0.401968	-2.48776	0.396914	1.35908	1.35908
cg27004414	0.70986	1.05713	1.05713	0.935264	0.987997	-1.01215	0.439194	1.12444	1.12444
cg01778864	0.612206	1.06217	1.06217	6.69E-05	0.422372	-2.36758	0.638458	0.945696	-1.05742
cg23235832	0.0703782	0.528916	-1.89066	0.00134359	0.230565	-4.33718	0.121422	0.589306	-1.69691
cg17325318	0.817103	0.903431	-1.10689	0.00617805	0.208973	-4.78532	0.206156	0.557339	-1.79424
cg13932362	0.0162639	6.42546	6.42546	0.211487	0.434609	-2.30092	0.0284709	5.13838	5.13838
cg00009167	0.66903	0.949809	-1.05284	0.548277	1.07546	1.07546	0.792744	0.968959	-1.03203
cg09820792	0.0873283	0.81316	-1.22977	0.238217	1.14496	1.14496	0.0434567	1.28974	1.28974
cg27430662	0.0600442	1.29015	1.29015	0.0030916	0.614948	-1.62615	0.000394182	1.96978	1.96978
cg04994773	0.00988456	2.0376	2.0376	0.672909	1.09715	1.09715	0.00392393	2.33389	2.33389
cg24046305	0.573946	1.10445	1.10445	0.0143278	0.589742	-1.69566	0.0899466	0.721182	-1.38661
cg21086503	0.0263874	0.822553	-1.21573	0.00102337	0.69686	-1.43501	0.162717	1.1169	1.1169
cg03360716	0.0102383	1.29193	1.29193	0.288463	0.916491	-1.09112	0.384601	0.931888	-1.07309
cg25955614	0.0645058	1.46334	1.46334	0.256094	1.24275	1.24275	0.854603	1.0342	1.0342
cg01027229	0.0229662	0.586268	-1.70571	0.000989999	0.382618	-2.61357	0.139522	0.731882	-1.36634
cg15139222	0.583686	1.02665	1.02665	0.0671398	1.10241	1.10241	0.00139808	1.24603	1.24603
cg23776217	0.00598751	0.450218	-2.22115	0.142348	0.70444	-1.41957	0.166666	0.720677	-1.38758
cg24008177	0.00130335	2.96972	2.96972	0.00657704	2.27151	2.27151	0.773881	1.06926	1.06926
cg02982559	0.979851	0.996832	-1.00318	0.405852	1.11277	1.11277	0.879158	1.0193	1.0193
cg07919744	0.0523456	0.55598	-1.79863	0.0139738	0.445942	-2.24244	0.205434	0.700905	-1.42673
cg06871560	0.164951	1.49188	1.49188	0.0673925	1.73929	1.73929	0.155382	0.663272	-1.50768
cg22675453	0.987529	0.997162	-1.00285	0.378502	1.17854	1.17854	0.878685	1.02816	1.02816
cg21545293	0.0817362	1.2777	1.2777	0.00510829	0.624976	-1.60006	0.277406	0.866319	-1.15431
cg04768657	0.110926	0.61498	-1.62607	?	?	?	0.389727	1.27984	1.27984
cg20609344	0.0635352	0.765822	-1.30579	0.0501912	0.751609	-1.33048	0.625592	0.939047	-1.06491
cg02903907	0.0542249	0.821009	-1.21801	0.908131	0.989633	-1.01048	0.173491	1.13967	1.13967
cg05460318	0.590387	1.23178	1.23178	0.780957	0.898583	-1.11286	0.793583	1.10583	1.10583
cg06935979	0.356457	1.34549	1.34549	0.0144046	0.389179	-2.56951	0.513155	1.2306	1.2306
cg16430166	0.412578	1.31807	1.31807	0.735863	1.11809	1.11809	0.378398	0.74235	-1.34707
cg00951395	0.350412	1.58107	1.58107	0.109597	0.435437	-2.29654	0.762167	1.15566	1.15566
cg19712123	0.359909	0.776334	-1.28811	0.000808245	0.256841	-3.89346	0.45264	0.814006	-1.22849
cg15542798	0.756566	1.14515	1.14515	0.616783	0.802587	-1.24597	0.867745	1.07535	1.07535
cg18196782	0.715097	1.28279	1.28279	0.73572	0.794427	-1.25877	0.639057	0.725488	-1.37838
cg11680118	0.378697	0.578718	-1.72796	0.00393043	0.0953763	-10.4848	0.39552	0.590395	-1.69378
cg04794372	0.0314671	0.199077	-5.02318	0.00561745	0.0977103	-10.2343	0.0714438	0.275853	-3.62512
cg25852545	0.654441	0.917355	-1.09009	0.179084	0.760887	-1.31426	0.00663913	0.509403	-1.96308
cg00843561	0.149253	0.863025	-1.15872	0.52156	1.06384	1.06384	0.00952787	0.731395	-1.36725
cg19642748	3.38E-05	0.35836	-2.79049	0.290008	0.869135	-1.15057	0.0483415	0.749664	-1.33393
cg00741624	0.0025202	1.75229	1.75229	0.10464	1.26769	1.26769	0.173649	1.21359	1.21359
cg19937378	0.207695	0.704261	-1.41993	0.0518266	0.557679	-1.79315	0.0648839	0.578616	-1.72826
cg21491013	0.0526995	0.642375	-1.55672	0.00117165	0.383941	-2.60456	0.849417	1.03893	1.03893
cg06626359	0.808941	0.94175	-1.06185	0.000513834	0.260982	-3.83168	0.00666402	0.418029	-2.39218
cg23962175	0.0168223	0.73519	-1.36019	0.87144	1.01723	1.01723	0.00355898	0.659342	-1.51666
cg09011244	0.862242	0.968909	-1.03209	0.142622	0.750825	-1.33187	0.202841	1.27696	1.27696
cg01992832	0.297017	1.16962	1.16962	0.0117012	0.633509	-1.57851	0.0220581	0.671749	-1.48865
cg10532364	0.0070233	0.429507	-2.32825	0.028158	0.533342	-1.87497	0.0705239	0.612566	-1.63248
cg13034868	0.100799	0.489119	-2.04449	0.00660681	0.245841	-4.06767	?	?	?
cg21498620	0.806064	0.959054	-1.04269	0.0282283	0.643807	-1.55326	0.689703	0.934061	-1.07059
cg24112454	0.731236	1.11125	1.11125	0.759249	0.910247	-1.0986	0.0513565	0.507285	-1.97128
cg10340801	0.817864	1.0742	1.0742	0.948863	1.0201	1.0201	0.485961	1.24566	1.24566
cg06084557	0.0967942	0.709768	-1.40891	0.230441	1.26694	1.26694	0.0930117	1.41558	1.41558
cg21149595	0.00200436	0.423179	-2.36307	7.03E-05	0.239147	-4.18152	0.00278972	0.443608	-2.25424
cg27651218	0.123152	1.38167	1.38167	0.23111	1.27526	1.27526	0.543833	1.12629	1.12629
cg24708056	0.340119	1.18043	1.18043	0.46518	0.882131	-1.13362	0.0899481	1.37076	1.37076
cg10213488	0.818931	0.978372	-1.02211	0.907768	0.989009	-1.01111	0.262354	0.894541	-1.11789
cg20601096	0.317456	0.772327	-1.29479	0.486351	0.837923	-1.19343	0.159198	0.686511	-1.45664
cg23410220	0.213177	0.516432	-1.93636	0.00246448	0.119746	-8.35103	0.756354	0.854805	-1.16986
cg02171725	0.259372	0.459104	-2.17816	0.0342846	0.19517	-5.12375	0.051514	0.230734	-4.334
cg21144988	0.0174597	0.348671	-2.86803	0.000440011	0.13244	-7.55059	0.0166658	0.344934	-2.89911
cg17128461	0.456264	1.14193	1.14193	0.475827	1.13522	1.13522	0.340985	1.18725	1.18725
cg02148270	0.548472	0.715469	-1.39769	0.00518903	0.13076	-7.64763	0.0538545	0.299079	-3.3436
cg01881046	0.117265	0.714709	-1.39917	0.296416	0.807568	-1.23829	0.124634	1.38847	1.38847
cg20585916	0.153514	0.645371	-1.5495	0.734778	0.907155	-1.10235	0.00797924	0.377388	-2.6498
cg00769072	0.985736	1.00158	1.00158	0.483946	1.06484	1.06484	0.868264	0.985446	-1.01477
cg14419441	0.0204359	0.514035	-1.94539	2.77E-05	0.139888	-7.14859	0.00149914	0.336193	-2.97448
cg17955195	0.639466	1.10196	1.10196	0.525338	0.875957	-1.14161	0.486759	1.15651	1.15651
cg08461107	0.153528	1.17851	1.17851	0.000533315	1.78505	1.78505	0.074737	0.807869	-1.23783
cg11614536	0.144551	0.740621	-1.35022	0.651778	1.09094	1.09094	0.596132	0.902599	-1.10791
cg00730780	0.312783	1.35418	1.35418	0.390399	1.2912	1.2912	0.215342	1.4604	1.4604
cg27036936	0.0589138	0.694851	-1.43916	0.467899	0.881566	-1.13434	0.140972	1.31027	1.31027
cg23175533	0.612072	0.83886	-1.19209	0.000885259	0.180562	-5.53826	0.00574995	0.28832	-3.46837
cg07814122	0.296583	0.569844	-1.75487	0.00551513	0.150218	-6.65699	0.0133236	0.203235	-4.9204
cg16925307	0.0044233	0.424998	-2.35295	?	?	?	0.401439	0.824112	-1.21343
cg05912082	0.598084	1.06467	1.06467	0.0309016	1.3479	1.3479	0.479241	1.08843	1.08843
cg10859755	0.244564	0.735201	-1.36017	0.000423234	0.243856	-4.10078	0.577155	1.15296	1.15296
cg16189995	0.260392	0.574054	-1.74199	0.0435711	0.33382	-2.99563	0.0718808	0.386732	-2.58577
cg15735078	0.206455	1.41039	1.41039	0.259958	0.73843	-1.35422	0.348103	1.28311	1.28311
cg26703456	0.482454	1.17289	1.17289	0.279419	0.777859	-1.28558	0.437333	0.83778	-1.19363
cg17682357	0.336088	1.38394	1.38394	0.0161262	0.381195	-2.62333	0.703399	1.13351	1.13351
cg04259188	0.581517	1.10391	1.10391	0.1339	1.33254	1.33254	0.817876	0.959864	-1.04181
cg25850629	0.002395	0.539372	-1.85401	2.11E-06	0.182631	-5.47553	2.44E-05	0.293489	-3.40728
cg00528191	0.0126578	0.65553	-1.52548	0.00300822	0.574462	-1.74076	0.00166929	0.541928	-1.84526
cg12301823	0.00850972	1.33311	1.33311	0.00574196	0.733448	-1.36342	0.240247	1.11102	1.11102
cg16728604	0.215673	0.815552	-1.22616	0.000133314	0.354804	-2.81845	0.18329	0.801784	-1.24722
cg21167532	0.501255	1.44781	1.44781	0.242839	0.51551	-1.93983	0.347856	1.68877	1.68877
cg22048405	0.179735	1.45218	1.45218	0.0107738	0.432241	-2.31352	0.022011	2.05279	2.05279
cg04892182	0.108166	5.42374	5.42374	0.124394	0.200895	-4.97772	0.0626449	7.5457	7.5457
cg02458483	0.145555	1.46988	1.46988	0.46805	1.1996	1.1996	0.0237667	1.94479	1.94479
cg19262476	0.191461	0.790947	-1.26431	0.038868	0.66661	-1.50013	0.253548	0.816924	-1.2241
cg05590196	0.0023671	1.82242	1.82242	0.144284	0.800896	-1.2486	0.335285	1.15103	1.15103
cg03946707	0.0397796	0.50392	-1.98444	0.00444741	0.334837	-2.98653	0.14018	1.58021	1.58021
cg26514080	0.871081	1.04268	1.04268	0.000527785	0.249225	-4.01244	0.279151	0.748621	-1.33579
cg06786238	0.106427	2.66098	2.66098	0.625705	0.761169	-1.31377	0.100985	2.71046	2.71046
cg04902474	0.368224	0.752662	-1.32862	0.0211824	0.426592	-2.34416	0.0479793	0.49907	-2.00372
cg26305881	0.183858	1.40192	1.40192	0.00298299	0.376723	-2.65447	0.11429	0.662576	-1.50926
cg13629162	0.231345	0.55638	-1.79733	0.00299377	0.149359	-6.69527	0.0122065	0.232628	-4.29872
cg23097296	0.0500885	2.96971	2.96971	0.508165	1.38691	1.38691	0.895076	1.0664	1.0664
cg09804503	0.210564	3.309	3.309	0.308262	0.384216	-2.60271	0.252132	2.9597	2.9597
cg11197101	0.0460079	2.1642	2.1642	0.0282343	2.3981	2.3981	0.32188	1.41271	1.41271
cg24102266	0.528667	0.908971	-1.10015	0.191078	0.813031	-1.22996	0.126987	0.7813	-1.27992
cg17327404	0.343299	1.51793	1.51793	0.18496	0.548255	-1.82397	0.186912	1.81855	1.81855
cg00251405	0.0903347	1.60768	1.60768	0.356163	1.27308	1.27308	0.10134	1.57833	1.57833
cg12478578	0.891305	1.1001	1.1001	0.0986601	0.282656	-3.53787	0.33701	1.99506	1.99506
cg07258788	0.838191	1.07555	1.07555	0.441139	0.755957	-1.32283	0.0547262	0.460199	-2.17297
cg02099321	0.149027	1.23035	1.23035	0.0066141	1.6281	1.6281	0.694669	1.05371	1.05371
cg05262448	0.0410467	1.48464	1.48464	0.437805	0.875762	-1.14186	0.232413	0.810662	-1.23356
cg15763344	0.0289216	0.388245	-2.57569	0.00544175	0.260975	-3.83178	0.494737	1.29006	1.29006
cg14015656	1.16E-06	15.5253	15.5253	0.00058051	0.314244	-3.18224	0.000255576	0.269773	-3.70682
cg01838004	2.19E-05	10.4759	10.4759	0.00255033	0.315574	-3.16883	0.00447872	0.351939	-2.8414
cg25327452	0.0529822	0.780185	-1.28175	0.556606	1.06942	1.06942	0.049693	1.28752	1.28752
cg13727089	0.0889033	2.32682	2.32682	0.00116731	0.117039	-8.54416	0.0580678	0.381318	-2.62248
cg13739659	0.254489	0.784584	-1.27456	0.328819	1.22813	1.22813	0.813408	0.952933	-1.04939
cg14267777	0.451529	1.18765	1.18765	0.197577	0.736852	-1.35712	0.806151	0.946368	-1.05667
cg20887711	0.279176	0.794311	-1.25895	0.000216638	0.254353	-3.93154	1.38E-06	0.0521814	-19.1639
cg02988312	0.00175917	0.344017	-2.90683	0.00148692	0.333831	-2.99553	0.00147572	0.333377	-2.99961
cg01939980	0.486117	1.09622	1.09622	0.026202	0.710079	-1.40829	0.259665	1.16491	1.16491
cg22683308	2.58E-05	0.0399213	-25.0493	0.392021	1.40325	1.40325	0.00347827	4.62778	4.62778
cg19296501	0.519123	1.10207	1.10207	0.00190166	0.519845	-1.92365	0.0967676	0.762536	-1.31141
cg27240402	0.286171	0.712777	-1.40296	8.09E-05	0.113723	-8.79329	0.00236892	0.273673	-3.654
cg10164264	0.005155	0.589311	-1.6969	3.39E-05	0.31671	-3.15746	0.774187	1.04204	1.04204
cg05025164	0.0287091	1.72746	1.72746	0.00252347	2.58415	2.58415	?	?	?
cg09807315	0.00241019	1.44795	1.44795	0.00109336	0.655835	-1.52477	0.343065	1.08931	1.08931
cg13929480	0.607325	1.05665	1.05665	0.287853	0.889319	-1.12446	0.104722	1.20742	1.20742

Probeset ID	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10668980	0.0443572	0.594649	-1.68167	0.861098	1.04021	1.04021	0.313017	1.26475	1.26475	5.08247	4.07766	0.713154	1
cg25204955	0.0219392	0.40884	-2.44595	0.100059	1.79734	1.79734	0.30836	0.7096	-1.40924	4.43085	7.42909	1.49038	1
cg20418394	0.0154387	0.227297	-4.39953	0.173789	2.05729	2.05729	0.285794	0.575427	-1.73784	4.24906	16.7245	3.4987	1
cg00391031	0.496267	1.1727	1.1727	0.215346	1.35086	1.35086	0.119124	0.677026	-1.47705	3.56252	3.00054	0.748669	1
cg23832814	0.683914	0.885912	-1.12878	0.787454	1.08326	1.08326	0.610709	0.859044	-1.16408	3.40611	4.72464	1.23299	1
cg19047180	0.0718935	0.596751	-1.67574	0.810573	1.06364	1.06364	0.319643	1.30245	1.30245	7.67889	8.02905	0.929422	1
cg22692790	0.589714	0.900112	-1.11097	0.409811	1.17697	1.17697	0.164716	1.33179	1.33179	7.52319	4.45223	0.526045	1
cg10480513	0.000135401	0.483098	-2.06997	0.0819993	1.23637	1.23637	0.39033	0.907632	-1.10177	7.28239	1.39823	0.170668	1
cg15558658	0.000439905	0.729085	-1.37158	0.351161	0.946855	-1.05613	0.672043	0.976057	-1.02453	7.11413	0.36493	0.0455969	1
cg05483617	0.0864595	0.74201	-1.34769	0.637841	0.928019	-1.07756	0.44416	1.13078	1.13078	4.88289	1.91976	0.349477	1
cg10822447	0.0940467	0.483942	-2.06636	0.705222	0.86086	-1.16163	0.438621	1.36539	1.36539	3.5867	8.8286	2.18799	1
cg13225420	5.88E-06	0.413515	-2.41829	0.137251	1.14897	1.14897	0.536344	1.05582	1.05582	15.3836	1.83369	0.105953	1
cg14950039	5.17E-05	0.313534	-3.18945	0.0307274	0.677952	-1.47503	0.335056	0.858771	-1.16446	11.0383	4.10064	0.330214	1
cg00372354	0.000336688	0.293089	-3.41193	0.196431	0.748265	-1.33642	0.184131	0.741464	-1.34868	10.488	5.82377	0.634607	1
cg02340801	0.0222884	0.801213	-1.24811	0.27561	0.912314	-1.09611	0.506811	1.05601	1.05601	7.98564	0.828062	0.0921724	1
cg22057050	0.00163412	0.290714	-3.43981	0.553631	0.848683	-1.1783	0.397277	0.788722	-1.26787	6.14302	7.29477	1.05555	1
cg07058882	0.00338808	0.592746	-1.68706	0.223977	0.845611	-1.18258	0.920301	0.986948	-1.01322	3.89775	1.06374	0.242588	1
cg17695625	0.0225185	0.461497	-2.16686	0.00822063	0.384144	-2.60319	0.218244	0.693161	-1.44267	3.70812	4.70307	1.12739	1
cg21821659	0.00423591	0.414805	-2.41077	0.0118483	0.48571	-2.05884	0.343978	1.25114	1.25114	3.61126	3.0214	0.743698	1
cg08883078	0.100573	0.529313	-1.88924	0.774604	1.10688	1.10688	0.0206734	0.37325	-2.67917	3.56212	7.05703	1.76101	1
cg27004414	0.00212556	0.526308	-1.90003	0.236081	0.831463	-1.2027	0.14271	0.791198	-1.26391	3.44113	1.20437	0.311105	1
cg01778864	0.8608	1.02092	1.02092	0.183518	1.18114	1.18114	0.0144904	0.700899	-1.42674	16.0594	3.54022	0.195951	1
cg23235832	0.110834	0.578629	-1.72822	0.803418	0.92446	-1.08171	0.239681	0.678596	-1.47363	4.53913	7.12958	1.39617	1
cg17325318	0.00469118	0.192526	-5.1941	0.0672809	0.407012	-2.45693	0.286081	0.615292	-1.62524	3.73457	11.3665	2.70543	1
cg13932362	0.331181	0.530087	-1.88648	0.808331	1.16632	1.16632	0.170145	0.396577	-2.52158	4.18761	26.5791	5.64184	1
cg00009167	0.000491601	0.520135	-1.92258	0.690773	1.04905	1.04905	0.0624377	1.28546	1.28546	6.10525	1.38653	0.20187	1
cg09820792	0.796428	0.972071	-1.02873	0.898074	0.986056	-1.01414	0.00422204	0.657215	-1.52157	4.73712	0.900756	0.169021	1
cg27430662	0.0075177	0.661577	-1.51154	0.962719	1.00563	1.00563	0.803609	0.97052	-1.03038	28.7064	6.55708	0.203039	1
cg04994773	0.133982	0.702654	-1.42318	0.348412	1.23465	1.23465	0.21352	1.33111	1.33111	5.59504	4.22485	0.671207	1
cg24046305	0.840693	0.965415	-1.03582	0.0231086	1.60807	1.60807	0.0693266	1.42667	1.42667	6.51375	3.15515	0.430562	1
cg21086503	0.0118432	1.26253	1.26253	0.501574	0.950657	-1.0519	0.00471183	0.756844	-1.32128	14.3983	1.25513	0.0774861	1
cg03360716	0.000276765	1.60158	1.60158	0.0246894	0.809241	-1.23573	0.860962	1.01397	1.01397	11.0316	1.09407	0.0881569	1
cg25955614	0.00168032	2.27803	2.27803	0.920689	1.01843	1.01843	0.130498	0.741275	-1.34903	6.00604	3.19689	0.473136	1
cg01027229	0.53656	1.13072	1.13072	0.339664	0.824331	-1.2131	0.00499612	0.482249	-2.07362	5.45459	3.32897	0.542495	1
cg15139222	0.869181	0.992198	-1.00786	0.257508	1.05776	1.05776	0.96011	1.00238	1.00238	6.22271	0.22254	0.0317889	1
cg23776217	0.239766	0.760749	-1.31449	0.708522	0.919961	-1.087	0.0318732	1.74839	1.74839	3.42839	2.67953	0.69473	1
cg24008177	0.438517	0.83219	-1.20165	0.967934	0.990699	-1.00939	0.00642778	2.27965	2.27965	8.78199	7.51666	0.760816	1
cg02982559	4.44E-05	0.37832	-2.64327	0.363038	1.12464	1.12464	0.599775	1.06879	1.06879	8.39934	2.10027	0.222269	1
cg07919744	0.00571673	2.62214	2.62214	0.195346	0.694648	-1.43958	0.361725	0.779257	-1.28327	7.13454	7.99694	0.996334	1
cg06871560	0.583549	1.16126	1.16126	0.0565048	1.79154	1.79154	0.00148718	3.44689	3.44689	4.23972	4.89698	1.02669	1
cg22675453	0.113703	0.731315	-1.3674	0.222618	1.26241	1.26241	0.547976	1.11688	1.11688	4.1452	2.17025	0.465384	1
cg21545293	0.00409673	1.63118	1.63118	0.527985	1.08462	1.08462	0.542401	0.924652	-1.08149	9.92547	2.53696	0.227201	1
cg04768657	0.00461425	0.348112	-2.87264	0.398149	0.784924	-1.27401	0.00923867	0.396572	-2.52161	4.20398	4.63778	1.10319	1
cg20609344	0.11353	0.802338	-1.24636	0.749726	1.04178	1.04178	0.0494452	1.33206	1.33206	3.97586	1.02991	0.230258	1
cg02903907	0.00408585	0.706192	-1.41605	4.69E-07	3.59543	3.59543	0.391395	1.0825	1.0825	32.0113	4.13167	0.114728	1
cg05460318	0.162179	0.564107	-1.77271	2.91E-06	72.671	72.671	0.725768	0.873634	-1.14464	18.551	43.237	2.07174	1
cg06935979	0.0620774	0.518266	-1.92951	1.09E-05	18.7564	18.7564	0.640704	0.863233	-1.15844	15.0109	23.2745	1.37822	1
cg16430166	0.168123	0.616171	-1.62292	9.46E-06	23.3122	23.3122	0.559018	0.823005	-1.21506	13.7928	23.741	1.53001	1
cg00951395	0.100049	0.423633	-2.36053	4.11E-05	41.5609	41.5609	0.277457	0.583723	-1.71314	10.1821	36.6336	3.19808	1
cg19712123	0.0118318	0.429425	-2.3287	0.450249	0.813086	-1.22988	0.00612995	0.382146	-2.6168	7.87317	9.02054	1.01843	1
cg15542798	0.428231	1.42268	1.42268	0.00026564	13.6016	13.6016	0.187452	0.543924	-1.83849	6.18435	18.6094	2.67476	1
cg18196782	0.396681	0.55455	-1.80326	0.00061729	35.8973	35.8973	0.919235	0.93342	-1.07133	4.99585	36.514	6.49677	1
cg11680118	0.00688703	0.120196	-8.31973	0.188192	0.429793	-2.3267	0.0758397	0.302226	-3.30878	4.15922	24.1585	5.16305	1
cg04794372	0.0796835	0.288148	-3.47044	0.51961	0.658619	-1.51833	0.0412812	0.221799	-4.50859	3.67414	23.8154	5.76168	1
cg25852545	4.84E-05	0.231456	-4.32048	0.0159221	0.568234	-1.75984	0.284902	1.23698	1.23698	9.3268	5.41501	0.516076	1
cg00843561	0.987887	0.998555	-1.00145	0.428376	1.08006	1.08006	0.0828722	1.20073	1.20073	4.16154	0.598049	0.127741	1
cg19642748	0.0282084	1.39229	1.39229	0.00556796	0.628088	-1.59213	0.952809	1.00759	1.00759	17.3087	4.47152	0.229635	1
cg00741624	0.297919	0.865629	-1.15523	0.0335166	1.39395	1.39395	0.00137451	1.86032	1.86032	9.0361	2.55937	0.251768	1
cg19937378	0.60991	1.14545	1.14545	0.0034355	0.350338	-2.85439	0.931755	1.02286	1.02286	8.7502	9.65199	0.980496	1
cg21491013	0.0690065	1.50515	1.50515	0.00161689	0.403232	-2.47996	0.287064	0.800804	-1.24875	8.26049	5.28312	0.568502	1
cg06626359	0.212258	0.722151	-1.38475	0.308424	1.29847	1.29847	0.0166176	0.484495	-2.06401	7.82687	7.60897	0.864142	1
cg23962175	0.112691	1.19973	1.19973	0.031366	0.766224	-1.3051	0.0431539	0.782434	-1.27806	7.76261	1.36727	0.156565	1
cg09011244	0.220642	1.26386	1.26386	0.0866835	1.41074	1.41074	0.00182635	0.446879	-2.23774	6.75433	3.53773	0.465575	1
cg01992832	0.0103444	1.59693	1.59693	0.839975	0.971126	-1.02973	0.693519	0.944219	-1.05908	6.74597	2.24367	0.29564	1
cg10532364	0.08904	1.57577	1.57577	0.110861	0.656255	-1.5238	0.477765	1.19126	1.19126	5.90039	5.49435	0.827718	1
cg13034868	0.0070878	0.250478	-3.99237	0.945002	0.972922	-1.02783	0.00176076	0.1698	-5.88927	5.27879	11.7657	2.22887	1
cg21498620	0.9227	1.01663	1.01663	0.0183034	0.614653	-1.62693	0.125506	0.754413	-1.32553	4.55094	2.08222	0.406699	1
cg24112454	0.0136217	0.393101	-2.54388	0.109833	0.586705	-1.70443	0.95413	0.982556	-1.01775	4.2307	6.27106	1.31758	1
cg10340801	0.0110137	0.371747	-2.69	0.0172924	2.45873	2.45873	0.163478	0.63038	-1.58635	4.17718	6.36884	1.35526	1
cg06084557	0.0156745	0.57289	-1.74554	0.19801	1.29158	1.29158	0.169559	1.31677	1.31677	3.77643	2.11533	0.497903	1
cg21149595	0.0962799	1.43354	1.43354	0.419108	0.849756	-1.17681	0.0399867	0.626168	-1.59702	13.5435	8.34187	0.547494	1
cg27651218	0.0139958	1.79931	1.79931	0.279481	1.24314	1.24314	0.208467	0.773619	-1.29263	5.51796	3.27448	0.527486	1
cg24708056	1.56E-06	0.129305	-7.73367	0.068168	1.41144	1.41144	0.00255658	0.493619	-2.02586	23.7544	10.7109	0.400801	1
cg10213488	0.245597	0.890647	-1.12278	0.0552126	1.23031	1.23031	0.442377	1.07755	1.07755	4.4924	0.646998	0.128018	1
cg20601096	0.00082186	0.283613	-3.52593	0.0653004	0.596133	-1.67748	0.398779	1.24107	1.24107	4.14517	4.10318	0.879885	1
cg23410220	?	?	?	?	?	?	0.550889	0.737737	-1.3555	4.09569	12.8189	3.57696	1
cg02171725	0.00267806	0.0641678	-15.5841	0.0401503	0.208276	-4.80132	0.0481712	0.224461	-4.45511	4.69098	32.521	6.16237	1
cg21144988	0.00353883	0.237006	-4.21929	0.354593	1.41452	1.41452	0.00603076	0.270802	-3.69274	7.64638	16.0582	1.86677	1
cg17128461	0.00429174	0.512689	-1.9505	0.0479715	1.48505	1.48505	0.00201627	2.14257	2.14257	6.24229	3.02481	0.430727	1
cg02148270	0.00186083	0.0876185	-11.4131	0.41499	0.631624	-1.58322	0.0181757	0.205677	-4.86199	4.97877	23.977	4.28075	1
cg01881046	0.0174647	0.564866	-1.77033	0.628366	1.10108	1.10108	0.605159	0.902165	-1.10845	4.24875	2.62247	0.548652	1
cg20585916	0.833764	1.06208	1.06208	0.810478	0.93347	-1.07127	0.139841	0.634297	-1.57655	3.5678	4.64026	1.15608	1
cg00769072	2.55E-05	0.478243	-2.09099	0.756143	1.02789	1.02789	0.418242	0.929551	-1.07579	12.1428	1.50004	0.109808	1
cg14419441	0.000769489	0.297262	-3.36404	0.406543	1.22416	1.22416	0.0581417	0.600454	-1.66541	14.2825	12.8344	0.798766	1
cg17955195	0.0469753	1.59662	1.59662	0.994412	1.00144	1.00144	0.0348935	0.602954	-1.6585	5.97299	4.00558	0.596103	1
cg08461107	0.859721	0.981166	-1.0192	0.0179846	0.734201	-1.36202	0.0173204	0.732318	-1.36553	8.86666	1.62231	0.162637	1
cg11614536	0.388773	0.844317	-1.18439	0.0112498	0.544217	-1.8375	0.410508	0.851082	-1.17498	3.57196	2.07665	0.516778	1
cg00730780	0.010095	2.56668	2.56668	0.024075	2.18434	2.18434	0.729407	1.1061	1.1061	3.45348	4.61235	1.18717	1
cg27036936	0.0312254	1.53943	1.53943	0.984263	0.996639	-1.00337	0.856602	0.969601	-1.03135	3.41413	1.57495	0.410048	1
cg23175533	0.00198334	0.222916	-4.48599	0.000214426	0.11961	-8.36053	0.596229	0.832165	-1.20168	10.3085	19.2738	1.66196	1
cg07814122	0.443067	1.5014	1.5014	0.0066664	0.160526	-6.22953	0.66481	1.25425	1.25425	4.62478	19.7798	3.8017	1
cg16925307	0.0894883	0.655906	-1.52461	0.611523	1.1223	1.1223	0.648259	1.109	1.109	4.33267	3.09494	0.714326	1
cg05912082	0.0715279	0.78894	-1.26752	0.124901	1.21614	1.21614	0.668234	0.950479	-1.0521	3.61613	0.794769	0.195364	1
cg10859755	0.0297858	1.90828	1.90828	0.337529	1.28383	1.28383	0.0013464	0.30823	-3.24433	10.0802	10.1941	0.898933	1
cg16189995	0.0269512	0.289776	-3.45095	0.0801827	0.399417	-2.50365	0.151271	0.483326	-2.06899	4.64519	16.4461	3.14707	1
cg15735078	0.511012	0.841951	-1.18772	0.015426	2.15332	2.15332	0.0152926	0.463734	-2.15641	4.39004	4.62996	0.937466	1
cg26703456	0.0629981	0.626736	-1.59557	0.224003	0.751736	-1.33025	0.12467	1.4497	1.4497	4.36729	3.45189	0.702575	1
cg17682357	0.130557	1.70727	1.70727	0.378698	1.34429	1.34429	0.00805761	0.328935	-3.04011	4.34469	7.38472	1.51085	1
cg04259188	0.0175113	1.67115	1.67115	0.452263	0.872848	-1.14568	0.270824	0.815787	-1.22581	3.61342	1.8049	0.443998	1
cg25850629	1.92E-06	0.178801	-5.5928	0.000700456	0.470435	-2.12569	0.000107391	0.369098	-2.7093	44.2688	14.9256	0.299697	1
cg00528191	0.000178033	0.420893	-2.3759	0.00164569	0.541145	-1.84793	0.0248131	0.694865	-1.43913	18.608	5.47205	0.261395	1
cg12301823	5.02E-05	1.91777	1.91777	0.829874	1.01859	1.01859	0.00610489	1.35861	1.35861	15.0128	1.74306	0.103204	1
cg16728604	0.0079533	0.58719	-1.70303	0.0100283	0.60136	-1.6629	0.00399716	0.545904	-1.83182	11.8186	4.58244	0.34465	1
cg21167532	2.04E-05	106.529	106.529	0.326021	1.73284	1.73284	0.00842705	6.19654	6.19654	11.2629	52.4269	4.13763	1
cg22048405	0.00025965	4.82186	4.82186	0.00300707	2.90133	2.90133	0.00832539	2.41812	2.41812	10.192	11.0654	0.965059	1
cg04892182	0.000753549	138.272	138.272	0.0426409	9.50176	9.50176	0.00317421	48.7965	48.7965	6.30592	92.9402	13.1009	1
cg02458483	0.000322933	4.19409	4.19409	0.261736	1.33437	1.33437	0.0220495	1.96753	1.96753	6.26105	6.02416	0.855257	1
cg19262476	0.02304	0.630686	-1.58557	0.127613	0.756263	-1.32229	0.00101691	0.437626	-2.28506	6.04658	2.75394	0.404849	1
cg05590196	0.66494	0.940178	-1.06363	0.00221913	1.83453	1.83453	0.0742569	1.32521	1.32521	5.92196	1.8795	0.282114	1
cg03946707	0.0151794	0.423196	-2.36297	0.0751884	0.564836	-1.77042	0.0720184	0.560476	-1.7842	5.31733	7.00019	1.17021	1
cg26514080	0.0188511	0.480949	-2.07922	0.822785	0.943915	-1.05942	0.238046	0.727595	-1.37439	5.22727	5.48132	0.932091	1
cg06786238	0.0100436	6.07289	6.07289	0.00494795	7.89401	7.89401	0.00208971	11.0661	11.0661	5.18065	25.2863	4.33858	1
cg04902474	0.0024373	0.273373	-3.65801	0.0202186	0.422754	-2.36544	0.0659233	0.530301	-1.88572	5.14274	7.69822	1.33059	1
cg26305881	0.83349	0.950805	-1.05174	0.0043314	0.401026	-2.4936	0.0434579	0.573241	-1.74447	4.84635	4.40741	0.808382	1
cg13629162	0.00432994	0.168492	-5.935	0.193003	0.525522	-1.90287	0.0129663	0.236898	-4.22123	4.82519	16.667	3.07038	1
cg23097296	0.165517	2.05578	2.05578	0.00472282	6.227	6.227	0.0053652	5.96851	5.96851	4.73892	17.8175	3.34207	1
cg09804503	0.00167506	58.8879	58.8879	0.194359	3.47409	3.47409	0.0103612	18.7063	18.7063	4.48115	58.3903	11.5824	1
cg11197101	0.00491696	0.284222	-3.51838	0.984863	1.00643	1.00643	0.505817	1.256	1.256	4.45275	8.03869	1.60474	1
cg24102266	0.066299	0.734934	-1.36067	0.381397	1.14367	1.14367	0.711623	0.945992	-1.05709	4.18982	1.48357	0.314747	1
cg17327404	0.00209568	6.36134	6.36134	0.692021	1.18554	1.18554	0.0319034	2.92966	2.92966	4.14901	12.0086	2.57274	1
cg00251405	0.0141255	0.462789	-2.16081	0.629569	1.13161	1.13161	0.981073	1.00605	1.00605	3.60762	3.69772	0.911089	1
cg12478578	0.00797535	10.7292	10.7292	0.370808	1.8988	1.8988	0.0327156	5.7173	5.7173	3.39012	26.1402	6.85397	1
cg07258788	0.00170676	0.20282	-4.93049	0.414162	1.34625	1.34625	0.0525227	0.456034	-2.19282	3.62865	7.29063	1.78594	1
cg02099321	0.059606	0.750417	-1.33259	0.673584	0.945355	-1.0578	0.266593	1.16691	1.16691	4.26155	1.16034	0.211775	1
cg05262448	0.0338735	1.51467	1.51467	0.92369	0.984069	-1.01619	0.514611	1.11713	1.11713	3.69866	1.64576	0.395521	1
cg15763344	0.497997	1.28751	1.28751	0.746826	1.12635	1.12635	0.0829426	2.02432	2.02432	3.43587	7.34254	1.89958	1
cg14015656	3.69E-07	24.0546	24.0546	0.00404041	0.431719	-2.31632	5.73E-05	5.0742	5.0742	67.7129	50.7524	0.666244	1
cg01838004	2.86E-07	64.2245	64.2245	0.0111678	0.416332	-2.40193	0.000600607	4.29945	4.29945	46.9103	56.4048	1.0688	1
cg25327452	0.000798193	0.564634	-1.77106	0.0968953	1.22837	1.22837	0.013095	1.41532	1.41532	36.1286	7.29031	0.179367	1
cg13727089	0.0430373	2.8515	2.8515	0.00538191	0.192187	-5.20326	0.932025	0.962332	-1.03914	7.81438	25.0697	2.85169	1
cg13739659	0.00173784	0.402288	-2.48578	0.247167	1.27982	1.27982	0.359144	0.825103	-1.21197	5.92122	3.89867	0.585265	1
cg14267777	0.00589667	2.24283	2.24283	0.123368	1.45384	1.45384	0.229448	0.753717	-1.32676	4.80051	3.82188	0.70768	1
cg20887711	?	?	?	0.304534	0.804529	-1.24296	0.450707	0.854871	-1.16977	42.0339	23.9792	0.499163	1
cg02988312	1.03E-05	0.104295	-9.58814	0.577867	0.87407	-1.14407	4.57E-06	0.0804456	-12.4308	27.3818	24.858	0.806959	1
cg01939980	2.67E-06	0.230629	-4.33597	0.174232	0.828919	-1.20639	0.0183979	0.689839	-1.44961	24.6261	6.57263	0.237242	1
cg22683308	0.137072	1.85654	1.85654	0.431778	1.36339	1.36339	0.447525	1.34861	1.34861	13.4816	31.8688	2.10123	1
cg19296501	0.829021	1.03268	1.03268	0.252881	0.837283	-1.19434	0.0137904	0.63592	-1.57252	13.1148	4.59333	0.311324	1
cg27240402	0.00240557	0.274602	-3.64163	0.654046	0.871193	-1.14785	0.0500903	0.505159	-1.97957	10.5352	15.5914	1.31549	1
cg10164264	0.577712	0.922642	-1.08384	0.351747	0.871802	-1.14705	0.017973	0.662598	-1.50921	10.1148	3.28315	0.288523	1
cg05025164	?	?	?	0.00192948	0.367285	-2.72268	0.0347657	0.595151	-1.68025	16.4752	6.56581	0.398526	1
cg09807315	0.132632	0.867529	-1.1527	0.70154	1.0343	1.0343	0.103449	0.855588	-1.16879	8.43369	1.02442	0.107972	1
cg13929480	0.00991014	0.707279	-1.41387	0.0856675	0.817152	-1.22376	0.00950844	1.41794	1.41794	8.03437	1.43783	0.159075	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12878382	KIAA1530	0.00406686	0.68788	0.969767	-1.03118	0.142387	1.12736	1.12736	0.002967	1.36341	1.36341	0.813799	0.982224	-1.0181	0.08256	0.864013	-1.15739
cg15778326	KIAA1530	0.00479023	0.00175597	0.588581	-1.699	0.0120156	0.689034	-1.45131	0.566913	0.933502	-1.07123	0.692995	0.95392	-1.04831	0.929154	0.989483	-1.01063
cg25726513	KIAA1530	0.00839633	0.280798	1.18515	1.18515	0.113873	0.770554	-1.29777	0.411749	1.13562	1.13562	0.00460078	1.77095	1.77095	0.285731	0.845348	-1.18295
cg21499685	KIAA1530	0.00840191	0.125246	0.374907	-2.66733	0.744278	1.21351	1.21351	0.0046118	0.107646	-9.28967	0.924099	1.05796	1.05796	0.00131292	0.0629799	-15.8781
cg23336486	KIAA1530	0.00851774	0.136302	1.54104	1.54104	0.120846	0.635571	-1.57339	0.0574075	0.560424	-1.78436	0.00517279	2.70355	2.70355	0.16922	0.673956	-1.48378
cg19769188	KIAA1530	0.00935637	0.4602	0.848563	-1.17846	0.0463828	1.64593	1.64593	0.431453	1.19167	1.19167	0.965597	1.00946	1.00946	0.000209117	0.258018	-3.8757
cg01731023	KIAA1530	0.00957071	0.00250559	0.643464	-1.55409	0.938965	0.991991	-1.00807	0.00217072	0.636485	-1.57113	0.0219807	0.749358	-1.33448	0.0200978	0.744926	-1.34242
cg13904018	KIAA1530	0.0124551	0.00458157	0.164371	-6.08378	0.212066	0.546097	-1.83118	0.31146	0.618426	-1.61701	0.628105	0.800022	-1.24997	0.000992903	0.0920517	-10.8635
cg04173688	KIAA1530	0.0126903	0.00222826	0.30029	-3.33012	0.00905453	0.393908	-2.53866	0.0616551	0.553686	-1.80608	0.799302	0.930947	-1.07417	0.00309764	0.320883	-3.1164
cg27274322	KIAA1530	0.0127585	0.761705	1.1044	1.1044	0.73526	1.11719	1.11719	0.502167	0.800607	-1.24905	0.365452	1.35475	1.35475	0.125623	0.582063	-1.71803
cg06733568	KIAA1530	0.0127683	0.451326	0.820349	-1.21899	0.627587	1.13445	1.13445	0.00696399	2.46162	2.46162	0.977571	1.00728	1.00728	0.00298056	0.349446	-2.86167
cg03884079	KIAA1530	0.0133632	0.05453	0.792073	-1.26251	0.00671436	1.45599	1.45599	0.863724	0.981809	-1.01853	0.535257	0.935102	-1.0694	0.00234683	0.635244	-1.5742
cg24356725	KIAA1530	0.0146398	0.997996	1.00024	1.00024	0.115635	1.17853	1.17853	0.720345	1.03513	1.03513	0.0820534	0.831069	-1.20327	0.329701	1.10143	1.10143
cg10152624	KIAA1530	0.0147318	0.348493	0.863101	-1.15861	0.000695596	2.20165	2.20165	0.0206863	1.52953	1.52953	0.635111	1.07564	1.07564	0.474012	0.894879	-1.11747
cg27301092	KIAA1530	0.0185551	0.979938	0.995338	-1.00468	0.838413	1.03868	1.03868	0.0501151	0.66026	-1.51455	0.735049	0.938824	-1.06516	0.00436284	0.492756	-2.0294
cg05657564	KIAA1530	0.0193258	0.0185686	0.613526	-1.62992	0.0925795	1.37272	1.37272	0.532656	0.897478	-1.11423	0.283323	0.826308	-1.2102	0.199637	0.793007	-1.26102
cg23909597	KIAA1530	0.0245725	0.21831	1.35158	1.35158	0.0761124	0.631788	-1.58281	0.00595839	2.30848	2.30848	0.0262099	1.84708	1.84708	0.122967	0.677859	-1.47523
cg03214478	KIAA1530	0.0303497	0.699272	0.929404	-1.07596	0.0537534	1.51145	1.51145	0.912281	1.021	1.021	0.20984	0.779377	-1.28308	0.654571	1.08865	1.08865
cg08553274	KIAA1530	0.0306597	0.253723	0.729777	-1.37028	0.234815	0.719562	-1.38973	0.979206	1.00691	1.00691	0.169289	0.679089	-1.47256	0.00274888	0.335511	-2.98052
cg25004347	KIAA1530	0.0334619	0.0231622	0.341252	-2.93038	0.109265	0.500788	-1.99685	0.00498696	0.229517	-4.35697	0.0403687	0.391504	-2.55425	0.164336	0.555656	-1.79967
cg16415857	KIAA1530	0.0404989	0.40748	0.773289	-1.29318	0.0102584	2.66914	2.66914	0.299993	1.38529	1.38529	0.0562249	1.92722	1.92722	0.0454072	0.498405	-2.0064
cg27556913	KIAA1530	0.0437969	0.021492	1.65315	1.65315	0.704688	0.933046	-1.07176	0.710264	0.934337	-1.07028	0.115577	1.36525	1.36525	0.875233	0.971807	-1.02901
cg05994294	KIAA1530	0.0441773	0.229226	0.710875	-1.40672	0.472864	1.21832	1.21832	0.0292566	0.499229	-2.00309	0.783854	0.92833	-1.0772	0.0189202	0.463569	-2.15718
cg14919643	KIAA1530	0.0459485	0.590875	0.789674	-1.26634	0.106225	2.15468	2.15468	0.388427	0.680704	-1.46907	0.695566	1.18663	1.18663	0.00448649	0.192309	-5.19997
cg27630540	KIAA1530	0.0463732	0.775634	1.05867	1.05867	0.104348	1.42509	1.42509	0.00286896	0.441155	-2.26678	0.339801	0.821777	-1.21688	0.130555	1.3851	1.3851
cg24557470	KIAA1530;KIAA1530	0.025589	0.575253	1.20807	1.20807	0.145014	1.68636	1.68636	0.0564335	2.05681	2.05681	0.625999	0.84875	-1.1782	0.121264	1.75231	1.75231
cg05290481	KIAA1530;KIAA1530	0.0389244	0.278025	0.915258	-1.09259	0.0778054	0.857401	-1.16632	0.859106	0.986149	-1.01405	0.203295	0.89995	-1.11117	0.0371527	0.827015	-1.20917
cg19026306	KIAA1539	0.0100949	0.115987	0.876047	-1.14149	0.073902	1.16685	1.16685	0.0068448	1.31169	1.31169	0.403755	0.93596	-1.06842	0.0289299	0.819138	-1.2208
cg00812861	KIAA1539	0.014402	0.0135202	0.466441	-2.14389	0.1796	0.700748	-1.42705	0.0953722	0.633112	-1.5795	0.427233	0.816902	-1.22414	0.00404041	0.381628	-2.62035
cg21211866	KIAA1539	0.0363071	0.757399	0.928893	-1.07655	0.631414	1.12195	1.12195	0.204762	1.37512	1.37512	0.827771	1.05324	1.05324	0.00169853	0.343967	-2.90725
cg08098964	KIAA1543;KIAA1543	1.56E-06	0.00025294	0.383969	-2.60437	0.388477	0.869135	-1.15057	6.67E-07	0.116591	-8.57697	0.0329204	0.673068	-1.48573	1.23E-05	0.231503	-4.3196
cg22229127	KIAA1543;KIAA1543	3.67E-05	2.65E-05	0.223676	-4.47075	0.00062872	0.38762	-2.57984	0.00280742	0.475977	-2.10094	4.04E-05	0.243306	-4.11005	0.000300758	0.346445	-2.88646
cg13565891	KIAA1543;KIAA1543	0.000335589	0.10373	0.684099	-1.46178	0.373969	1.21499	1.21499	1.37E-05	0.143693	-6.95928	0.748424	0.933641	-1.07107	7.62E-05	0.216425	-4.62053
cg03883784	KIAA1543;KIAA1543	0.00155822	0.0314875	0.698606	-1.43142	0.011238	1.57082	1.57082	0.0126393	0.643527	-1.55394	0.976431	1.00421	1.00421	5.45E-05	0.343347	-2.9125
cg01403948	KIAA1543;KIAA1543	0.00160204	0.387767	1.24961	1.24961	0.000428103	4.06866	4.06866	0.000806968	3.56967	3.56967	0.000277624	4.47065	4.47065	0.18271	1.42752	1.42752
cg04165720	KIAA1543;KIAA1543	0.00212509	0.915229	1.03111	1.03111	0.0150477	0.423216	-2.36286	0.002127	0.288708	-3.4637	0.00630726	0.359281	-2.78334	0.0120612	0.406245	-2.46157
cg03585611	KIAA1543;KIAA1543	0.00261616	0.00520241	0.396342	-2.52307	0.00394785	0.377913	-2.64611	0.000222553	0.213812	-4.67702	0.109801	0.645653	-1.54882	0.00208818	0.33726	-2.96507
cg00932612	KIAA1543;KIAA1543	0.00272748	0.0300262	0.618175	-1.61766	0.00124362	0.411018	-2.43298	0.000384693	0.343784	-2.90881	0.723515	1.06923	1.06923	0.0062113	0.510513	-1.95882
cg13662644	KIAA1543;KIAA1543	0.00485364	0.442983	0.721307	-1.38637	0.592266	1.25331	1.25331	0.00140454	0.14488	-6.90228	0.0194657	0.307383	-3.25327	0.0118654	0.269319	-3.71306
cg02076378	KIAA1543;KIAA1543	0.0123671	0.181008	0.78983	-1.2661	0.000627031	0.417476	-2.39535	0.299922	0.836555	-1.19538	0.99829	0.999644	-1.00036	0.18214	1.26523	1.26523
cg22802994	KIAA1543;KIAA1543	0.0190732	0.298816	0.768836	-1.30067	0.000901825	3.362	3.362	0.574803	0.870782	-1.14839	0.816478	0.944831	-1.05839	0.0830149	0.625921	-1.59765
cg07744216	KIAA1543;KIAA1543	0.0349399	0.728999	1.1129	1.1129	0.00586838	0.329884	-3.03137	0.0901982	0.563102	-1.77588	0.0595069	0.519883	-1.92351	0.0329264	0.46428	-2.15387
cg10777495	KIAA1543;KIAA1543	0.0380785	0.263788	0.745265	-1.3418	0.118887	1.533	1.533	0.00675467	0.412187	-2.42608	0.798123	1.06683	1.06683	0.011025	0.447174	-2.23626
cg02837111	KIAA1543;KIAA1543	0.0417055	0.931143	0.975216	-1.02541	0.430858	1.26299	1.26299	0.170213	1.52835	1.52835	0.00301556	0.307022	-3.25709	0.834674	1.06257	1.06257
cg01868222	KIAA1543;KIAA1543	0.0443818	0.972406	0.99675	-1.00326	0.00990183	1.35887	1.35887	0.553488	1.05803	1.05803	0.0393489	0.799048	-1.25149	0.256551	0.894542	-1.11789
cg12746652	KIAA1549;KIAA1549	0.000600204	0.62043	0.915433	-1.09238	0.719099	1.06601	1.06601	0.172668	0.77347	-1.29288	0.429928	1.15327	1.15327	0.152883	0.762655	-1.31121
cg08410604	KIAA1549;KIAA1549	0.00341417	0.325262	0.800513	-1.2492	0.000707842	0.322942	-3.09653	0.000892344	0.33626	-2.97389	0.599745	1.12298	1.12298	0.570878	0.88209	-1.13367
cg16888838	KIAA1549;KIAA1549	0.00370902	0.00324808	0.206746	-4.83684	0.0479769	0.411558	-2.42979	0.111053	0.505732	-1.97733	0.430799	1.37134	1.37134	0.00151673	0.166339	-6.01183
cg00871706	KIAA1549;KIAA1549	0.0059211	0.244947	1.20679	1.20679	0.817816	0.964968	-1.0363	0.887104	1.0222	1.0222	0.830528	1.03368	1.03368	0.969896	0.994185	-1.00585
cg16903068	KIAA1549;KIAA1549	0.00659023	0.181773	0.809301	-1.23563	0.0598063	0.728308	-1.37305	0.00657958	0.590501	-1.69348	0.640384	1.07276	1.07276	0.000864144	2.10959	2.10959
cg07911353	KIAA1549;KIAA1549	0.00779284	0.819334	1.08315	1.08315	0.581111	1.21478	1.21478	0.791789	0.911768	-1.09677	0.657221	1.16873	1.16873	0.00016545	0.106355	-9.40251
cg15893356	KIAA1549;KIAA1549	0.0120022	0.449968	0.783748	-1.27592	0.00437936	3.33527	3.33527	0.0255783	2.31545	2.31545	0.195808	1.54189	1.54189	0.0153403	0.389868	-2.56497
cg10639750	KIAA1549;KIAA1549	0.0198657	0.508133	0.928088	-1.07748	0.557315	0.936154	-1.0682	0.394766	1.10174	1.10174	0.790143	1.03009	1.03009	0.821882	1.02538	1.02538
cg22625953	KIAA1549;KIAA1549	0.0200844	0.523308	0.851428	-1.1745	0.580975	1.14869	1.14869	0.900554	1.03157	1.03157	0.223794	0.727756	-1.37409	0.00332368	0.370091	-2.70204
cg13877801	KIAA1549;KIAA1549	0.0266958	0.026222	0.549918	-1.81845	0.663932	0.905618	-1.10422	0.446887	1.19221	1.19221	0.498932	0.855851	-1.16843	0.0282353	0.555721	-1.79946
cg18077636	KIAA1549;KIAA1549	0.0323471	0.0642123	0.643165	-1.55481	0.811021	0.950433	-1.05215	0.330333	0.808008	-1.23761	0.223634	1.31173	1.31173	0.00186413	0.391882	-2.55179
cg18589526	KIAA1549;KIAA1549	0.0444998	0.0309886	0.124252	-8.04818	0.0110678	0.0725407	-13.7854	0.206649	0.333948	-2.99448	0.135114	0.265437	-3.76737	0.0325719	0.127472	-7.84485
cg02169286	KIAA1549;KIAA1549	0.0445926	0.991786	0.998375	-1.00163	0.925592	0.985351	-1.01487	0.43447	1.13427	1.13427	0.155663	1.27126	1.27126	0.00261983	0.517749	-1.93144
cg21579209	KIAA1549;KIAA1549	0.0457662	0.179598	0.496327	-2.0148	0.00173101	0.111214	-8.99166	0.0150916	0.230463	-4.3391	0.429595	0.672824	-1.48627	0.232811	0.540704	-1.84944
cg21829265	KIAA1586	0.00289236	0.0136015	1.75451	1.75451	0.0697686	0.688366	-1.45271	0.100773	1.39236	1.39236	0.00429319	2.0204	2.0204	0.0461398	0.656545	-1.52312
cg00338359	KIAA1586;KIAA1586	0.00233611	0.603789	0.913824	-1.0943	0.00370543	1.964	1.964	0.00052935	2.53201	2.53201	0.293274	0.828898	-1.20642	0.982846	1.00371	1.00371
cg11772661	KIAA1598;KIAA1598	0.00250099	0.22104	0.726822	-1.37585	0.590182	1.14437	1.14437	0.00074878	3.55588	3.55588	0.000795005	3.51394	3.51394	0.174177	0.698693	-1.43124
cg00750430	KIAA1598;KIAA1598	0.00371958	0.00216885	0.306404	-3.26367	0.0378508	0.515864	-1.9385	0.000967627	0.259188	-3.8582	0.0207059	0.465021	-2.15044	0.175769	0.673194	-1.48546
cg15750961	KIAA1598;KIAA1598	0.00450288	0.661166	1.08848	1.08848	0.000802662	0.378123	-2.64464	0.00218265	0.437674	-2.2848	0.382867	1.1877	1.1877	0.0598392	0.664855	-1.50409
cg11693581	KIAA1598;KIAA1598	0.0128321	0.940072	1.01067	1.01067	0.00118128	1.95741	1.95741	0.247707	1.18603	1.18603	0.0401398	0.715484	-1.39765	0.102995	0.777388	-1.28636
cg17136310	KIAA1598;KIAA1598	0.0165236	0.526567	1.26871	1.26871	0.226611	0.624439	-1.60144	0.00845806	3.48011	3.48011	0.0339611	2.50479	2.50479	0.00317544	0.22431	-4.45811
cg25586069	KIAA1598;KIAA1598	0.0227282	0.694086	1.05302	1.05302	0.0501007	0.746802	-1.33904	0.560745	0.926001	-1.07991	0.618899	0.936563	-1.06773	0.0576039	1.32396	1.32396
cg00542096	KIAA1598;KIAA1598	0.023962	0.762485	1.05508	1.05508	0.877227	1.02772	1.02772	0.972914	0.994012	-1.00602	0.818729	0.960206	-1.04144	0.000440038	0.374545	-2.6699
cg13331300	KIAA1598;KIAA1598	0.0246441	0.701097	0.968597	-1.03242	0.546803	1.05174	1.05174	0.192646	1.12083	1.12083	0.462708	0.940029	-1.0638	0.358382	0.924841	-1.08127
cg09132256	KIAA1609	1.53E-05	3.16E-06	0.273458	-3.65687	2.11E-06	0.254764	-3.9252	2.37E-05	0.371736	-2.69008	0.75185	0.963468	-1.03792	0.0528692	0.772477	-1.29454
cg00394581	KIAA1609	0.000280039	0.0437781	0.620645	-1.61123	0.132016	0.715634	-1.39736	0.041569	0.61655	-1.62193	0.573318	1.12426	1.12426	2.30E-05	0.174945	-5.71609
cg09510085	KIAA1609	0.0081795	0.165083	1.49728	1.49728	0.0080254	2.52416	2.52416	0.115467	1.59434	1.59434	0.000994422	3.79283	3.79283	0.525746	0.839237	-1.19156
cg08277369	KIAA1609	0.014835	0.382685	1.35115	1.35115	0.006036	3.33957	3.33957	0.0211588	2.53912	2.53912	0.00127481	4.85355	4.85355	0.678925	1.1502	1.1502
cg09259081	KIAA1609	0.0395742	0.823522	1.14489	1.14489	0.0263927	4.9282	4.9282	0.072475	3.36732	3.36732	0.00885671	7.52564	7.52564	0.654997	1.31318	1.31318
cg07859359	KIAA1609	0.0423079	0.488239	1.05754	1.05754	0.0348421	0.822492	-1.21582	0.0627474	0.84673	-1.18101	0.690661	0.968718	-1.03229	0.16959	1.12328	1.12328
cg23217419	KIAA1614	0.000150946	0.000766002	0.237663	-4.20764	0.899165	0.96489	-1.03639	0.000111936	6.78374	6.78374	0.0150967	0.4309	-2.32073	0.111022	0.612942	-1.63148
cg02863087	KIAA1614	0.00074258	0.0545767	0.722432	-1.38421	0.0284194	1.47058	1.47058	0.352856	1.15319	1.15319	0.195253	1.2266	1.2266	3.84E-05	0.308252	-3.2441
cg04578935	KIAA1614	0.00140717	0.0147154	0.439687	-2.27434	0.939082	0.9793	-1.02114	0.000472585	4.49479	4.49479	0.0243917	0.479947	-2.08356	0.15946	0.662688	-1.50901
cg02156380	KIAA1614	0.00231994	0.103235	0.567238	-1.76293	0.312878	1.39387	1.39387	0.306758	1.40019	1.40019	0.343877	0.733311	-1.36368	0.508843	0.807991	-1.23764
cg23056823	KIAA1614	0.00290884	0.732414	0.767362	-1.30317	0.0694445	4.79152	4.79152	0.0156484	9.83729	9.83729	?	?	?	0.0277247	0.134313	-7.4453
cg01391650	KIAA1614	0.00370024	0.87319	0.976414	-1.02416	0.418763	1.1314	1.1314	0.455647	0.892666	-1.12024	0.0432758	1.41536	1.41536	0.125775	1.28089	1.28089
cg07730364	KIAA1614	0.00379466	0.886105	0.93016	-1.07508	0.030844	3.59954	3.59954	0.00168203	9.66256	9.66256	0.928525	1.04636	1.04636	0.75833	0.855648	-1.16871
cg01022200	KIAA1614	0.00586417	0.00507398	0.212893	-4.6972	0.328054	1.52435	1.52435	0.00550126	4.59059	4.59059	0.0573074	0.407408	-2.45454	0.386032	0.689992	-1.44929
cg00354179	KIAA1614	0.00848511	0.514944	0.673673	-1.4844	0.0651101	3.4519	3.4519	0.00508134	9.16713	9.16713	0.880796	1.09392	1.09392	0.688791	0.785966	-1.27232
cg12604950	KIAA1614	0.0124928	0.14416	0.751661	-1.33039	0.00233195	2.16705	2.16705	0.420992	0.861072	-1.16134	0.876133	0.972018	-1.02879	0.560204	1.11313	1.11313
cg06692785	KIAA1614	0.030834	0.0455264	0.34495	-2.89897	0.670519	1.21972	1.21972	0.625875	1.25614	1.25614	0.376757	0.656411	-1.52344	0.271496	0.587843	-1.70114
cg06949778	KIAA1614	0.0362484	0.393732	0.714769	-1.39905	0.00586031	4.00034	4.00034	0.00983263	3.50535	3.50535	0.767365	1.12078	1.12078	0.166666	0.567349	-1.76258
cg17021487	KIAA1614	0.0457714	0.0572709	1.39799	1.39799	0.272711	1.19463	1.19463	0.0349778	0.681976	-1.46633	0.205646	1.2312	1.2312	0.683317	1.06598	1.06598
cg18021942	KIAA1632	0.000108302	0.0080987	1.47378	1.47378	0.000320133	0.513667	-1.94679	0.00066761	0.551229	-1.81413	0.134275	0.831357	-1.20285	0.00029309	0.509152	-1.96405
cg12788078	KIAA1632	0.00223917	0.706378	1.0533	1.0533	2.52E-05	3.15088	3.15088	0.913087	1.01509	1.01509	0.657969	1.06304	1.06304	0.124528	1.25633	1.25633
cg18124413	KIAA1632	0.010979	0.0466769	1.85445	1.85445	0.86635	1.04673	1.04673	0.384386	0.785197	-1.27357	0.38144	0.783958	-1.27558	0.00223142	0.313133	-3.19353
cg01203902	KIAA1632	0.0115743	0.527794	1.09013	1.09013	0.00764243	0.629638	-1.58821	0.115302	0.793757	-1.25983	0.591876	0.929592	-1.07574	0.374117	0.884196	-1.13097
cg10119257	KIAA1632	0.0223743	0.122964	0.576444	-1.73477	0.0167413	0.381897	-2.61851	0.0254804	0.416786	-2.39931	0.180092	1.59882	1.59882	0.00640253	0.310575	-3.21984
cg23509574	KIAA1644	2.48E-05	0.0483582	0.776662	-1.28756	0.128196	0.831723	-1.20232	0.00433443	0.652342	-1.53294	0.119944	0.827769	-1.20807	6.18E-06	0.32207	-3.10491
cg22866759	KIAA1644	0.000731402	0.173128	0.774851	-1.29057	0.551361	1.11189	1.11189	0.00591857	0.530715	-1.88425	0.030537	0.63937	-1.56404	0.0809572	0.711402	-1.40567
cg03392837	KIAA1644	0.00110686	0.449781	0.851508	-1.17439	0.00590542	0.47154	-2.12071	0.0444042	0.617614	-1.61913	0.00890882	0.499272	-2.00292	0.000114793	0.243587	-4.10531
cg02687592	KIAA1644	0.00189954	0.0679742	0.630748	-1.58542	0.82183	0.950422	-1.05216	0.213742	0.744421	-1.34333	0.0521758	0.607792	-1.6453	0.033771	0.571855	-1.7487
cg27047356	KIAA1644	0.00609137	0.00979094	0.641347	-1.55922	0.00618909	1.62505	1.62505	0.00409778	1.68845	1.68845	0.233603	0.843798	-1.18512	0.605006	0.931498	-1.07354
cg19189176	KIAA1644	0.0252259	0.0296121	0.382955	-2.61127	0.621934	0.83003	-1.20478	0.10658	0.516632	-1.93561	0.63185	0.834496	-1.19833	0.00231427	0.202878	-4.92907
cg00788760	KIAA1644	0.0349033	0.0150513	0.185979	-5.37695	0.515461	0.689875	-1.44954	0.491487	0.674787	-1.48195	0.14063	0.409727	-2.44065	0.0239268	0.219406	-4.55776
cg15218983	KIAA1644;KIAA1644	0.0333313	0.364502	0.787695	-1.26953	0.783383	0.931857	-1.07313	0.207963	1.40497	1.40497	0.756796	0.923525	-1.08281	0.0117497	0.446623	-2.23903
cg22208541	KIAA1671	2.13E-06	0.0866207	1.14077	1.14077	0.00921929	1.25861	1.25861	0.573715	1.04035	1.04035	0.0995953	1.13382	1.13382	4.02E-08	0.258904	-3.86243
cg19861606	KIAA1671	0.000155291	0.0119226	0.702637	-1.42321	0.63549	0.947712	-1.05517	0.858782	0.980169	-1.02023	0.161393	0.845179	-1.18318	1.42E-06	0.251532	-3.97564
cg03220797	KIAA1671	0.001711	0.665275	1.03509	1.03509	0.00014065	0.59412	-1.68316	0.362841	0.928578	-1.07692	0.12239	0.875777	-1.14184	0.515531	1.05363	1.05363
cg01311341	KIAA1671	0.00313462	0.00989404	3.31696	3.31696	0.0726447	2.08928	2.08928	0.0868949	2.00492	2.00492	0.797617	1.09915	1.09915	0.00550365	3.82901	3.82901
cg16626480	KIAA1671	0.00355164	0.556674	1.17856	1.17856	0.26516	0.72548	-1.3784	0.0128273	2.34932	2.34932	0.666398	1.12734	1.12734	0.669958	1.12579	1.12579
cg24173629	KIAA1671	0.00786856	0.00388503	5.43213	5.43213	0.00286764	5.96134	5.96134	0.00495343	5.05039	5.05039	0.0165535	3.57525	3.57525	0.893598	1.05997	1.05997
cg14625095	KIAA1671	0.0154399	0.0346326	0.700235	-1.42809	0.202497	0.823125	-1.21488	0.00194916	0.530574	-1.88475	0.354963	0.871398	-1.14758	0.352248	1.14853	1.14853
cg08017202	KIAA1671	0.0195197	0.175971	1.50954	1.50954	0.0662187	1.80348	1.80348	0.158039	1.54029	1.54029	0.0159431	2.32723	2.32723	0.0257656	2.13373	2.13373
cg24406917	KIAA1671	0.0217882	0.168661	0.780174	-1.28177	0.196194	0.793498	-1.26024	0.457588	0.879831	-1.13658	0.0017148	0.468829	-2.13297	0.61335	0.917378	-1.09006
cg01069791	KIAA1671	0.023951	0.640667	1.08047	1.08047	0.128663	0.763096	-1.31045	0.44978	0.880909	-1.13519	0.448202	1.13571	1.13571	0.430976	0.876042	-1.1415
cg14022721	KIAA1671	0.0294656	0.500965	0.925971	-1.07995	0.00325091	1.57125	1.57125	0.111194	1.21577	1.21577	0.360555	0.899572	-1.11164	0.119927	0.82699	-1.20921
cg17866067	KIAA1683;KIAA1683;KIAA1683	2.81E-05	0.528163	0.874183	-1.14393	0.0124909	1.92296	1.92296	0.11392	1.43597	1.43597	0.128867	0.708017	-1.41239	1.97E-05	0.161973	-6.17387
cg24117192	KIAA1683;KIAA1683;KIAA1683	0.00547382	0.239627	1.30596	1.30596	0.000312412	0.281619	-3.5509	0.0121809	0.508022	-1.96842	0.253582	1.29495	1.29495	0.283984	0.785613	-1.27289
cg14544180	KIAA1683;KIAA1683;KIAA1683	0.021689	0.781052	1.13456	1.13456	0.00332119	6.11989	6.11989	0.0194908	3.59448	3.59448	0.0284506	3.22741	3.22741	0.119834	0.465498	-2.14824
cg15005255	KIAA1683;KIAA1683;KIAA1683	0.0217901	0.0220749	0.125758	-7.95181	0.786996	0.814997	-1.227	0.336933	0.473415	-2.11231	0.777753	0.807567	-1.23829	0.00593971	0.066044	-15.1414
cg18048309	KIAA1688	0.00351136	0.701861	1.06525	1.06525	0.00164981	0.476977	-2.09654	0.0229729	0.639543	-1.56362	0.696231	0.937557	-1.0666	0.00484441	1.84782	1.84782
cg06404526	KIAA1688	0.00384865	0.0161318	0.442953	-2.25757	0.706668	1.11024	1.11024	0.0409513	1.92043	1.92043	0.422023	0.797021	-1.25467	0.000112222	0.152936	-6.53868
cg22094607	KIAA1688	0.004267	0.247286	0.862516	-1.1594	0.011595	1.47087	1.47087	0.439366	0.908079	-1.10123	0.0800368	0.788628	-1.26802	0.0568301	0.768325	-1.30153
cg13490753	KIAA1688	0.010751	0.248003	0.711108	-1.40626	0.0100836	0.399899	-2.50063	0.111246	0.612776	-1.63192	0.833703	1.06115	1.06115	0.766942	1.08752	1.08752
cg18906002	KIAA1688	0.0142392	0.872817	1.04367	1.04367	0.00759395	2.49944	2.49944	0.201846	1.43273	1.43273	0.04297	0.537166	-1.86162	0.00576094	0.380817	-2.62593
cg13531223	KIAA1688	0.0208744	0.328489	1.22924	1.22924	0.0030088	0.434974	-2.29899	0.339818	0.817648	-1.22302	0.912965	1.02263	1.02263	0.478663	1.15881	1.15881
cg09125402	KIAA1688	0.0238507	0.394218	1.17772	1.17772	0.247285	1.25453	1.25453	0.298176	1.22403	1.22403	0.869619	0.969676	-1.03127	0.0283858	1.62418	1.62418
cg14943774	KIAA1688	0.0277951	0.844976	0.933446	-1.0713	0.151092	1.7182	1.7182	0.854037	1.06694	1.06694	0.184696	1.64042	1.64042	0.252151	1.52326	1.52326
cg26259926	KIAA1688	0.0289411	0.754423	0.916409	-1.09122	0.0252406	0.477018	-2.09636	0.117839	0.623485	-1.60389	0.495913	0.825032	-1.21207	0.237365	0.708681	-1.41107
cg17704026	KIAA1688	0.0305101	0.354891	1.17954	1.17954	0.0090768	1.77757	1.77757	0.49347	0.886337	-1.12824	0.631125	1.08756	1.08756	0.0993274	0.730927	-1.36813
cg11673964	KIAA1688	0.0306547	0.0123398	0.354036	-2.82458	0.579807	0.829955	-1.20488	0.0148301	0.368254	-2.71551	0.362628	0.732102	-1.36593	0.00310731	0.259731	-3.85013
cg26861237	KIAA1688	0.032593	0.0301853	0.347421	-2.87835	0.323319	1.52671	1.52671	0.357576	0.675418	-1.48056	0.330396	0.659301	-1.51676	0.157869	0.534569	-1.87066
cg20579564	KIAA1688	0.0461241	0.719368	0.927525	-1.07814	0.0100986	0.508239	-1.96758	0.0617183	0.644825	-1.55081	0.600442	1.1165	1.1165	0.883716	0.969944	-1.03099
cg05062087	KIAA1688	0.0479357	0.153228	2.35205	2.35205	0.21109	2.08932	2.08932	0.872987	0.914416	-1.09359	0.522692	1.43661	1.43661	0.0635269	3.2114	3.2114
cg26006117	KIAA1688	0.048411	0.0338105	0.358321	-2.79079	0.134728	0.51282	-1.95	0.047605	0.391314	-2.55549	0.171478	0.547207	-1.82746	0.00477096	0.2119	-4.7192
cg07452560	KIAA1688	0.0496126	0.134987	0.822801	-1.21536	0.142355	0.826219	-1.21033	0.237577	0.860915	-1.16155	0.0212126	1.39837	1.39837	0.0261124	0.726512	-1.37644
cg23111970	KIAA1688;MGC70857	0.00393261	0.925829	0.96916	-1.03182	0.942834	0.976162	-1.02442	0.855645	1.06318	1.06318	0.124473	1.74994	1.74994	0.807755	0.92126	-1.08547
cg22539738	KIAA1704;NUFIP1	0.00784381	0.00585905	0.20109	-4.97289	0.00142344	0.128424	-7.78668	0.032633	0.328942	-3.04005	0.353492	1.52887	1.52887	0.126141	0.479078	-2.08734
cg18830978	KIAA1704;NUFIP1;NUFIP1	9.94E-05	0.621666	1.03767	1.03767	1.69E-05	0.496921	-2.01239	0.195543	0.90325	-1.10711	0.0551787	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04122324	KIAA1704;NUFIP1;NUFIP1	0.0184192	0.0290145	1.13063	1.13063	0.00504315	0.837841	-1.19354	0.0825212	0.912342	-1.09608	0.362272	0.956311	-1.04568	0.800254	1.01217	1.01217
cg07776166	KIAA1712	0.0115429	0.763766	1.07486	1.07486	0.00477366	0.407674	-2.45294	0.0203362	0.511771	-1.954	0.873889	0.96267	-1.03878	0.00355887	2.57535	2.57535
cg10075260	KIAA1712;FBXO8;KIAA1712;FBXO8	0.00611673	0.883902	0.970448	-1.03045	0.394624	1.19602	1.19602	0.398127	0.837268	-1.19436	0.303669	0.80355	-1.24448	0.119853	0.707203	-1.41402
cg10360677	KIAA1712;FBXO8;KIAA1712;FBXO8	0.0196438	0.527244	0.936307	-1.06803	0.00486756	0.681457	-1.46744	0.446644	0.923399	-1.08296	0.0255348	1.06681	1.06681	0.2822	1.13876	1.13876
cg27493581	KIAA1712;KIAA1712	0.0225828	0.0162311	0.516506	-1.93609	0.231354	0.754177	-1.32595	0.243503	0.760148	-1.31553	0.145897	0.70409	-1.42027	0.231086	0.754043	-1.32618
cg16989332	KIAA1712;KIAA1712	0.0232623	0.0666621	0.642647	-1.55606	0.977955	0.994076	-1.00596	0.201507	0.74824	-1.33647	0.50544	0.864762	-1.15639	0.00336356	0.424102	-2.35792
cg06415573	KIAA1712;KIAA1712;FBXO8	0.000233772	0.00272178	0.329391	-3.03591	0.00108767	0.274337	-3.64515	0.00220342	0.316201	-3.16255	0.000906437	0.264069	-3.78689	0.0572573	0.56155	-1.78078

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12878382	0.253199	0.913275	-1.09496	0.0345105	1.20614	1.20614	0.00929933	0.778147	-1.2851	0.0021338	0.720349	-1.38822	7.81333	0.715109	0.0813548	1
cg15778326	0.00114876	0.566574	-1.765	0.00783118	0.666467	-1.50045	0.0760509	1.26453	1.26453	0.871582	1.01942	1.01942	7.43512	1.66444	0.198989	1
cg25726513	0.0195029	0.651931	-1.5339	0.369092	1.15002	1.15002	0.00381011	1.80629	1.80629	0.0336865	1.45627	1.45627	6.24819	2.27226	0.323259	1
cg21499685	0.00270719	0.0863342	-11.5829	0.756305	0.831895	-1.20207	0.0789044	0.315512	-3.16945	0.0257085	0.208801	-4.78926	6.24688	34.5835	4.921	1
cg23336486	0.965773	1.01163	1.01163	0.00329265	2.94122	2.94122	0.234101	0.714576	-1.39943	?	?	?	6.34662	6.48567	1.02191	1
cg19769188	0.963897	0.990163	-1.00993	0.267337	0.776964	-1.28706	0.60646	1.12017	1.12017	0.296348	0.789405	-1.26678	6.03741	4.56056	0.671453	1
cg01731023	0.0128491	0.72294	-1.38324	0.489907	1.07643	1.07643	0.299229	0.893171	-1.11961	0.978947	1.00277	1.00277	5.99401	1.04678	0.155234	1
cg13904018	0.430993	0.69204	-1.445	0.146886	2.05156	2.05156	0.557011	1.31212	1.31212	0.19631	1.87606	1.87606	6.21943	20.0998	2.5136	1
cg04173688	0.0298812	0.487899	-2.0496	0.566821	1.17656	1.17656	0.201868	0.684902	-1.46006	0.717793	0.903091	-1.10731	5.47303	6.83708	1.11043	1
cg27274322	0.802708	0.921513	-1.08517	0.000547853	0.173257	-5.77176	0.629065	0.853061	-1.17225	0.00436288	0.288405	-3.46735	5.46348	9.2248	1.50084	1
cg06733568	0.316926	1.306	1.306	0.220173	0.717024	-1.39465	0.361163	1.27408	1.27408	0.0152616	0.463595	-2.15705	5.46212	5.7601	0.937382	1
cg03884079	0.209869	1.15169	1.15169	0.383073	1.10031	1.10031	0.958221	0.994417	-1.00561	0.120611	1.19711	1.19711	5.38144	0.973392	0.160782	1
cg24356725	0.000530937	0.595631	-1.67889	0.125572	0.852814	-1.17259	0.256917	1.12035	1.12035	0.677085	0.960575	-1.04104	5.22246	0.762975	0.129862	1
cg10152624	0.86231	0.973869	-1.02683	0.215248	0.819576	-1.22014	0.0815714	1.34237	1.34237	0.541813	0.910101	-1.09878	5.21168	1.92041	0.32754	1
cg27301092	0.584675	1.10802	1.10802	0.0138734	1.7595	1.7595	0.0173776	0.58374	-1.71309	0.514277	1.13079	1.13079	4.82551	2.63975	0.486258	1
cg05657564	0.890797	1.02379	1.02379	0.00519607	1.88002	1.88002	0.0200785	0.618743	-1.61618	0.751716	1.05583	1.05583	4.75961	2.2082	0.412396	1
cg23909597	0.105203	1.50967	1.50967	0.4138	1.21456	1.21456	0.131304	0.684515	-1.46089	0.699637	1.09439	1.09439	4.38343	3.75821	0.762106	1
cg03214478	0.198284	0.77381	-1.29231	0.142545	1.3462	1.3462	0.00163841	0.427172	-2.34098	0.761454	0.944193	-1.05911	4.07003	2.29296	0.500779	1
cg08553274	0.00315842	0.344374	-2.90382	0.379871	0.788143	-1.26881	0.0658151	0.579514	-1.72558	0.125032	0.644778	-1.55092	4.05535	4.48627	0.983342	1
cg25004347	0.0536779	0.419924	-2.38138	0.944787	1.02781	1.02781	0.302452	1.5266	1.5266	0.0511679	0.415008	-2.40959	3.93036	9.7626	2.20791	1
cg16415857	0.731599	0.900799	-1.11013	0.0440774	2.01767	2.01767	0.226065	1.47067	1.47067	0.504234	0.814128	-1.22831	3.66635	5.34625	1.29617	1
cg27556913	0.748628	0.943163	-1.06026	0.00436499	1.99977	1.99977	0.0378978	1.54979	1.54979	0.130255	1.34641	1.34641	3.56141	1.86844	0.466341	1
cg05994294	0.0156048	0.448463	-2.22984	0.153495	1.51188	1.51188	0.471389	1.21915	1.21915	0.142624	0.652968	-1.53147	3.54993	4.11292	1.02986	1
cg14919643	0.851304	0.921589	-1.08508	0.0220487	0.302767	-3.30287	0.701563	1.1824	1.1824	0.100149	0.456648	-2.18987	3.49806	10.4896	2.6655	1
cg27630540	0.444404	0.855938	-1.16831	0.200148	1.30999	1.30999	0.481723	0.867038	-1.15335	0.951307	1.01226	1.01226	3.48599	2.19776	0.560404	1
cg24557470	0.0782573	1.92162	1.92162	0.00201992	0.233613	-4.28059	0.783525	1.09631	1.09631	0.809468	0.922515	-1.08399	4.32204	7.6309	1.5694	1
cg05290481	0.0390693	0.829048	-1.2062	0.122719	0.87697	-1.14029	0.0182093	1.25237	1.25237	0.241222	1.10109	1.10109	3.72023	0.363072	0.0867502	1
cg19026306	0.0291703	0.819466	-1.22031	0.204834	1.10919	1.10919	0.0550668	1.18352	1.18352	0.035719	1.20843	1.20843	5.89278	0.560014	0.0844746	1
cg00812861	0.184431	0.703825	-1.42081	0.00265487	0.354472	-2.82109	0.28296	1.32092	1.32092	0.0223262	0.505061	-1.97996	5.25074	5.17606	0.876247	1
cg21211866	0.0839441	1.57658	1.57658	0.956148	0.986995	-1.01318	0.0884292	0.639233	-1.56437	0.982181	1.00533	1.00533	3.81604	3.42511	0.797828	1
cg08098964	4.08E-05	0.288785	-3.46278	6.32E-08	0.0545436	-18.3339	0.0011055	0.466245	-2.1448	0.0137803	0.616842	-1.62116	65.4582	26.1071	0.354521	1
cg22229127	3.70E-06	0.142019	-7.04133	0.000392469	0.36112	-2.76916	0.070955	0.69505	-1.43875	0.00106719	0.418137	-2.39156	28.8758	14.8694	0.457727	1
cg13565891	0.866534	1.03654	1.03654	0.879525	1.03289	1.03289	0.0454869	0.612959	-1.63143	0.386567	0.82746	-1.20852	15.9524	11.5037	0.641005	1
cg03883784	0.0417767	0.716303	-1.39606	0.844596	0.972482	-1.0283	0.255403	0.84466	-1.18391	0.817706	0.967705	-1.03337	10.3653	3.31869	0.2846	1
cg01403948	0.0148881	2.12529	2.12529	0.550698	0.859014	-1.16413	0.0180986	2.05977	2.05977	0.0997018	1.57485	1.57485	10.2826	10.319	0.892034	1
cg04165720	0.555512	0.84233	-1.18718	0.000190317	0.163689	-6.10916	0.7262	1.10646	1.10646	0.00420697	0.33186	-3.01332	9.47274	12.4229	1.16572	1
cg03585611	0.891512	1.03484	1.03484	0.0186099	0.488698	-2.04625	0.0126426	0.459315	-2.17715	0.0571056	0.582615	-1.7164	8.91199	8.8904	0.886736	1
cg00932612	0.733782	1.06645	1.06645	0.0184798	0.583629	-1.71342	0.0375605	0.63464	-1.5757	0.00587029	0.506865	-1.97291	8.80301	4.95155	0.499985	1
cg13662644	0.485022	0.743531	-1.34493	0.489439	0.745829	-1.34079	0.000303659	0.0861387	-11.6092	0.216465	0.580877	-1.72153	7.4054	20.4589	2.45573	1
cg02076378	0.682748	1.07065	1.07065	0.941444	0.98787	-1.01228	0.00436695	0.531245	-1.88237	0.869945	0.973145	-1.0276	5.51921	2.41246	0.388536	1
cg22802994	0.739954	0.921906	-1.08471	0.0724637	0.613074	-1.63112	0.128956	0.669978	-1.49259	0.594712	0.877148	-1.14006	4.78084	4.51202	0.838906	1
cg07744216	0.496014	0.808486	-1.23688	0.0194072	0.419259	-2.38516	0.629486	0.861128	-1.16127	0.0149275	0.398277	-2.51082	3.86954	5.79693	1.33164	1
cg10777495	0.148963	1.47794	1.47794	0.643122	1.12498	1.12498	0.954291	0.985636	-1.01457	0.98843	1.00367	1.00367	3.7503	3.7839	0.896852	1
cg02837111	0.435929	1.25963	1.25963	0.25373	0.707424	-1.41358	0.151784	1.56193	1.56193	0.0748533	1.77919	1.77919	3.62677	4.84388	1.18719	1
cg01868222	0.112808	0.850075	-1.17637	0.305227	0.904918	-1.10507	0.0703618	1.20966	1.20966	0.409837	1.08255	1.08255	3.54381	0.497047	0.124673	1
cg12746652	0.0055434	1.90604	1.90604	1.07E-05	0.189644	-5.27305	0.917654	1.01847	1.01847	0.839623	0.964771	-1.03651	13.5826	6.73866	0.440999	1
cg08410604	0.528633	1.15008	1.15008	0.0168299	1.89443	1.89443	0.627007	1.11323	1.11323	0.15977	1.38965	1.38965	8.23472	6.25781	0.675493	1
cg16888838	0.0209682	0.335962	-2.97653	0.00407732	0.220058	-4.54426	0.0282007	2.76679	2.76679	0.0923705	0.483147	-2.06976	8.03293	19.6207	2.17114	1
cg00871706	0.000708681	2.21954	2.21954	0.00131226	0.485389	-2.0602	0.160373	0.793124	-1.26084	0.414364	0.879017	-1.13763	6.96756	2.63564	0.336243	1
cg16903068	0.572571	1.08884	1.08884	0.0340794	1.44657	1.44657	0.399806	1.13731	1.13731	0.544826	1.0958	1.0958	6.74046	2.37877	0.313697	1
cg07911353	0.407461	0.743913	-1.34424	0.0201024	0.375691	-2.66176	0.25144	1.5194	1.5194	0.253908	0.65971	-1.51582	6.39669	12.3484	1.71594	1
cg15893356	0.514612	0.811256	-1.23266	0.0867151	0.549429	-1.82007	0.270104	1.43833	1.43833	0.0659513	0.520487	-1.92128	5.57317	8.84341	1.41047	1
cg10639750	0.986072	0.998061	-1.00194	0.00028093	0.516766	-1.93511	0.910224	1.01262	1.01262	0.220025	0.866448	-1.15414	4.71534	0.92284	0.173965	1
cg22625953	0.0378283	0.549449	-1.82	0.00689422	2.38623	2.38623	0.806932	1.06277	1.06277	0.502836	0.844439	-1.18422	4.69784	4.60017	0.870408	1
cg13877801	0.0630606	1.60665	1.60665	0.0177798	0.520207	-1.92231	0.561696	1.14232	1.14232	0.0160432	0.51255	-1.95103	4.25855	3.46841	0.723963	1
cg18077636	0.532659	0.874481	-1.14354	0.0874694	1.4924	1.4924	0.684495	1.09057	1.09057	0.214568	0.757832	-1.31955	3.97848	2.83806	0.634092	1
cg18589526	0.10505	0.232582	-4.29956	0.0177361	0.0930711	-10.7445	0.0217306	0.103456	-9.66595	0.060172	0.174514	-5.7302	3.5403	38.0202	9.546	1
cg02169286	0.261907	0.831252	-1.20301	0.843256	1.03177	1.03177	0.631278	1.07939	1.07939	0.0505358	1.422	1.422	3.53754	1.3984	0.351381	1
cg21579209	0.506035	0.717759	-1.39323	0.100497	0.413025	-2.42116	0.0854004	0.392757	-2.5461	0.337685	0.61523	-1.62541	3.50328	13.4015	3.40035	1
cg21829265	0.139125	1.34063	1.34063	0.000756277	0.390471	-2.56101	0.438399	1.15667	1.15667	0.528604	1.12475	1.12475	8.65142	4.64626	0.477379	1
cg00338359	0.00249569	0.485201	-2.061	0.637534	1.08512	1.08512	0.0403846	0.66528	-1.50313	0.415766	0.866605	-1.15393	9.2138	4.3235	0.417103	1
cg11772661	0.235804	1.3609	1.3609	0.00857489	0.435338	-2.29707	0.342788	0.784732	-1.27432	0.319413	1.29072	1.29072	9.03099	8.79876	0.866031	1
cg00750430	0.110868	0.62034	-1.61202	0.000789012	0.247962	-4.03288	0.275493	1.36594	1.36594	0.194065	0.68545	-1.4589	8.02608	9.60491	1.06374	1
cg15750961	0.541049	1.12631	1.12631	0.0148851	1.77845	1.77845	0.141133	0.737692	-1.35558	0.860671	0.966793	-1.03435	7.57625	4.43375	0.520192	1
cg11693581	0.370647	0.878284	-1.13858	0.0405587	1.39638	1.39638	0.935537	1.01149	1.01149	0.152916	0.805652	-1.24123	5.45325	1.72135	0.280584	1
cg17136310	0.332081	1.44942	1.44942	0.645853	0.842292	-1.18724	0.402337	0.727668	-1.37425	0.41622	1.36099	1.36099	5.01689	10.9319	1.9369	1
cg25586069	0.0142959	1.48414	1.48414	0.0336819	1.38294	1.38294	0.116962	1.2493	1.2493	0.00905434	1.54273	1.54273	4.50326	1.21831	0.24048	1
cg00542096	0.55534	0.899853	-1.11129	0.65047	1.08403	1.08403	0.137404	1.32712	1.32712	0.659954	1.08147	1.08147	4.42182	2.19135	0.440512	1
cg13331300	0.905788	0.990253	-1.00984	0.00209836	0.699084	-1.43044	0.00989012	1.3095	1.3095	0.717164	1.03055	1.03055	4.379	0.47466	0.0963508	1
cg09132256	9.95E-05	0.444769	-2.24836	0.279127	0.876329	-1.14112	0.260847	0.871464	-1.14749	0.0155838	0.706134	-1.41616	36.3403	7.92188	0.193771	1
cg00394581	0.0115145	0.5218	-1.91644	3.88E-05	0.197428	-5.06513	0.0657281	0.65375	-1.52964	0.00117313	0.375223	-2.66508	16.7628	11.2461	0.596353	1
cg09510085	0.748763	0.916136	-1.09154	0.555202	0.849873	-1.17665	0.0195115	2.15871	2.15871	0.00531926	2.72118	2.72118	6.29997	7.41387	1.04605	1
cg08277369	0.429793	0.76266	-1.3112	0.401385	0.749206	-1.33475	0.568153	0.823707	-1.21402	0.955016	1.01914	1.01914	5.19967	9.30697	1.59104	1
cg09259081	0.198153	0.438717	-2.27937	0.0652624	0.285451	-3.50323	0.49537	0.657452	-1.52102	0.362089	1.76384	1.76384	3.69767	21.4913	5.16632	1
cg07859359	0.756098	1.02506	1.02506	0.0181613	0.796199	-1.25597	0.153872	0.885768	-1.12896	0.0540251	1.18977	1.18977	3.60754	0.360688	0.0888728	1
cg23217419	0.0544151	1.85025	1.85025	3.68E-05	9.37967	9.37967	0.486761	0.819369	-1.22045	0.219573	1.43903	1.43903	19.8233	24.9551	1.119	1
cg02863087	0.192435	1.22837	1.22837	0.00299216	1.83509	1.83509	0.136995	1.26976	1.26976	0.875336	1.02368	1.02368	12.7972	4.50553	0.312952	1
cg04578935	0.0121924	2.35088	2.35088	0.000971112	3.83236	3.83236	0.189946	1.46217	1.46217	0.953246	0.984082	-1.01618	10.6739	12.6612	1.05439	1
cg02156380	0.569192	1.20084	1.20084	0.000366501	6.14499	6.14499	0.182329	0.637452	-1.56875	0.000337609	6.28498	6.28498	9.23259	14.7985	1.42476	1
cg23056823	0.00368149	20.6759	20.6759	0.00263566	24.812	24.812	0.00237329	26.2997	26.2997	0.545122	0.623452	-1.60397	8.82979	73.9943	8.38007	1
cg01391650	0.00632447	1.70114	1.70114	9.07E-05	2.84538	2.84538	0.127873	1.27887	1.27887	0.0270724	1.47854	1.47854	8.03865	2.84283	0.314351	1
cg07730364	0.00437482	6.83967	6.83967	0.0012474	10.8278	10.8278	0.00194191	9.1576	9.1576	0.712444	1.20564	1.20564	7.97804	32.2433	3.59245	1
cg01022200	0.345504	1.50036	1.50036	0.0031118	5.41253	5.41253	0.166055	0.539697	-1.85289	0.497019	1.33369	1.33369	6.98835	19.2996	2.45483	1
cg00354179	0.00139932	15.9392	15.9392	0.00372066	10.425	10.425	0.0258174	4.87124	4.87124	0.582132	1.39441	1.39441	6.22747	35.2978	5.03829	1
cg12604950	0.140778	1.3341	1.3341	0.0087564	1.83596	1.83596	0.589949	0.905751	-1.10406	0.00718457	1.88024	1.88024	5.50107	2.8843	0.466059	1
cg06692785	0.451901	0.700677	-1.42719	0.0208415	3.63598	3.63598	0.0882293	0.417661	-2.39429	0.00882199	4.69985	4.69985	4.04717	13.8074	3.03255	1
cg06949778	0.328993	1.47292	1.47292	0.0422725	2.45757	2.45757	0.543555	1.26659	1.26659	0.75794	1.12617	1.12617	3.81828	8.93455	2.07995	1
cg17021487	0.699974	1.06218	1.06218	0.0596567	1.39248	1.39248	0.0749615	0.734231	-1.36197	0.0673625	0.726648	-1.37618	3.50314	1.34637	0.341628	1
cg18021942	0.000398687	0.524889	-1.90516	0.000851333	1.7742	1.7742	0.796907	0.970933	-1.02994	0.00132148	0.586052	-1.70633	21.6729	4.49073	0.184182	1
cg12788078	0.691588	1.05624	1.05624	0.79384	1.03659	1.03659	0.123915	0.795624	-1.25688	0.168499	1.22305	1.22305	9.32897	2.78182	0.265059	1
cg18124413	0.0767896	0.586474	-1.70511	0.00731136	0.391508	-2.55423	0.0124838	0.430528	-2.32273	0.537902	1.18425	1.18425	5.73605	6.67865	1.03496	1
cg01203902	0.0617724	1.32817	1.32817	0.195097	1.20307	1.20307	0.571053	0.925675	-1.08029	0.0010475	0.519801	-1.92381	5.63909	1.62541	0.256213	1
cg10119257	0.0999258	0.551958	-1.81173	0.475992	1.26988	1.26988	0.0261849	0.419141	-2.38583	0.117974	0.571444	-1.74995	4.52764	7.79206	1.52978	1
cg23509574	0.11354	2.2128	2.2128	0.0246074	1.34976	1.34976	1.44E-06	0.253456	-3.94546	0.166793	0.847758	-1.17958	32.0128	6.36505	0.176737	1
cg22866759	0.541733	0.897002	-1.11483	0.00437303	1.95393	1.95393	2.98E-05	0.237243	-4.21509	0.051881	0.677548	-1.47591	12.8518	6.30302	0.435945	1
cg03392837	0.148738	0.72379	-1.38162	0.281117	0.791506	-1.26341	9.73E-05	0.235497	-4.24633	0.0468697	0.621955	-1.60783	11.432	7.88785	0.613314	1
cg02687592	0.213701	1.34337	1.34337	0.0111988	2.0474	2.0474	6.97E-05	0.1945	-5.14138	0.33016	0.797282	-1.25426	9.7876	7.87871	0.715528	1
cg27047356	0.0592579	0.748543	-1.33593	0.531974	1.08991	1.08991	0.0276859	0.701866	-1.42477	0.289677	0.861166	-1.16122	6.90685	2.02338	0.260402	1
cg19189176	0.338266	0.690748	-1.44771	0.976666	1.01102	1.01102	0.00363768	0.228875	-4.3692	0.124372	0.536001	-1.86567	4.34362	9.66386	1.97764	1
cg00788760	0.846173	0.896424	-1.11554	0.0132255	0.177494	-5.63398	0.00511919	0.124667	-8.02137	0.0808745	0.336316	-2.9734	3.871	19.4295	4.46154	1
cg15218983	0.188728	0.700032	-1.42851	0.266152	1.34546	1.34546	0.00281438	0.348554	-2.86899	0.784528	1.07271	1.07271	3.93589	4.08851	0.923356	1
cg22208541	4.07E-05	0.579966	-1.72424	0.0269619	1.19995	1.19995	0.230403	0.916168	-1.0915	0.000841592	0.70508	-1.41828	60.4372	4.63496	0.0681694	1
cg19861606	0.138601	0.835843	-1.1964	0.217207	1.15722	1.15722	0.192895	0.856431	-1.16764	0.647844	1.05308	1.05308	19.6722	3.94106	0.178077	1
cg03220797	0.00504145	0.745374	-1.34161	0.495278	0.946614	-1.0564	0.0747559	1.1703	1.1703	0.00511906	1.3405	1.3405	10.0889	1.00308	0.088377	1
cg01311341	0.136266	1.80506	1.80506	0.000120682	11.8409	11.8409	0.00464573	3.99535	3.99535	0.0165063	2.93776	2.93776	8.44721	18.1084	1.90552	1
cg16626480	0.533002	1.19065	1.19065	0.0224181	2.12961	2.12961	6.96E-05	7.44657	7.44657	0.0790541	1.71408	1.71408	8.13805	9.84362	1.07518	1
cg24173629	0.163066	1.91167	1.91167	0.133425	2.02294	2.02294	0.0149993	3.67451	3.67451	0.00477433	5.10606	5.10606	6.37729	19.1316	2.66663	1
cg14625095	0.66718	1.06458	1.06458	0.0125326	1.56716	1.56716	0.375572	1.1406	1.1406	0.723029	1.05283	1.05283	5.13136	1.70072	0.29461	1
cg08017202	0.068012	1.79492	1.79492	0.00178694	3.56901	3.56901	0.0284172	2.09661	2.09661	0.0108208	2.49948	2.49948	4.74353	6.15404	1.1532	1
cg24406917	0.00317054	0.505505	-1.97822	0.360066	1.17263	1.17263	0.961451	0.991853	-1.00821	0.809186	1.04179	1.04179	4.56908	2.07277	0.403246	1
cg01069791	0.00442611	0.535071	-1.86891	0.00213375	0.491427	-2.03489	0.333698	0.848601	-1.17841	0.0585049	0.703331	-1.42181	4.42253	1.89872	0.381626	1
cg14022721	0.339612	0.895099	-1.11719	0.0508338	0.778406	-1.28468	0.316465	1.12368	1.12368	0.31321	1.12463	1.12463	4.11297	0.825863	0.178484	1
cg17866067	0.00025269	0.281042	-3.55818	1.91E-06	0.0834436	-11.9841	0.443015	1.17887	1.17887	0.473404	0.857772	-1.16581	30.982	21.7207	0.623176	1
cg24117192	0.166789	0.726476	-1.37651	0.0286687	1.74987	1.74987	0.547327	0.876331	-1.14112	0.577024	0.88502	-1.12992	7.138	5.31269	0.661585	1
cg14544180	0.377387	1.50742	1.50742	0.0518625	2.72486	2.72486	0.0313489	3.14003	3.14003	0.643248	1.23532	1.23532	4.57622	14.8795	2.89021	1
cg15005255	0.992356	1.00726	1.00726	0.00185665	0.0355702	-28.1134	0.195519	0.355576	-2.81234	0.0321192	0.150169	-6.65915	4.56894	41.2823	8.03149	1
cg18048309	0.138218	1.29992	1.29992	0.00572723	1.81357	1.81357	0.135751	1.3024	1.3024	0.170883	0.786918	-1.27078	8.16588	3.49284	0.380209	1
cg06404526	0.368932	1.29079	1.29079	0.575321	1.16949	1.16949	0.608854	0.866959	-1.15346	0.241882	0.712602	-1.40331	7.94422	9.62715	1.07719	1
cg22094607	0.0401665	1.33628	1.33628	0.000518206	1.93874	1.93874	0.968146	0.99513	-1.00489	0.0840311	0.791573	-1.26331	7.70077	1.82313	0.210441	1
cg13490753	0.849738	1.055	1.055	0.00293684	3.16833	3.16833	0.0128155	2.39325	2.39325	0.139969	0.638719	-1.56563	5.77492	7.28875	1.1219	1
cg18906002	0.101507	1.61344	1.61344	0.139583	1.52833	1.52833	0.891867	0.96436	-1.03696	0.162171	0.671525	-1.48915	5.27043	5.94233	1.00221	1
cg13531223	0.566371	1.12594	1.12594	0.037577	1.63837	1.63837	0.284308	0.79643	-1.2556	0.0116447	0.52452	-1.90651	4.63651	3.07527	0.589574	1
cg09125402	0.671067	0.923046	-1.08337	0.0295124	1.61679	1.61679	0.467378	1.14869	1.14869	0.00263787	0.458354	-2.18172	4.42896	2.46475	0.494674	1
cg14943774	0.00205258	0.21696	-4.60915	0.0206572	0.37513	-2.66574	0.98633	0.993991	-1.00605	0.902598	0.957841	-1.04401	4.19863	8.23053	1.74248	1
cg26259926	0.568645	1.17383	1.17383	0.00212374	3.32444	3.32444	0.485956	1.21768	1.21768	0.955126	0.984468	-1.01578	4.1392	5.07298	1.08942	1
cg17704026	0.205765	0.793277	-1.26059	0.00488579	1.91022	1.91022	0.446722	1.14403	1.14403	0.324574	1.19304	1.19304	4.06241	1.93672	0.423769	1
cg11673964	0.0470652	0.468884	-2.13272	0.0771873	0.519527	-1.92483	0.98631	0.994298	-1.00573	0.127823	0.577711	-1.73097	4.05558	7.13416	1.56364	1
cg26861237	0.0124145	0.275091	-3.63517	0.0024303	0.173675	-5.75789	0.717098	0.859911	-1.16291	0.211583	0.579352	-1.72607	3.96769	10.8104	2.42186	1
cg20579564	0.0206065	0.559086	-1.78863	0.0440887	1.61987	1.61987	0.524068	0.874041	-1.14411	0.498404	0.866484	-1.15409	3.49305	2.40542	0.612115	1
cg05062087	0.0418127	3.71361	3.71361	0.00310258	9.60915	9.60915	0.0226475	4.60024	4.60024	0.151075	2.36417	2.36417	3.44271	17.0518	4.40267	1
cg26006117	0.0470033	0.390036	-2.56386	0.0648847	0.423772	-2.35976	0.930222	1.03694	1.03694	0.0612782	0.417575	-2.39478	3.42989	9.31671	2.41451	1
cg07452560	0.782438	0.967049	-1.03407	0.0655005	1.28431	1.28431	0.541177	1.07775	1.07775	0.859751	1.02164	1.02164	3.39816	0.788513	0.206259	1
cg23111970	0.0026087	4.06641	4.06641	0.00112816	0.199413	-5.01471	0.283658	1.4546	1.4546	0.00248534	4.11432	4.11432	7.89279	14.1479	1.59334	1
cg22539738	0.0522099	0.37457	-2.66973	0.00564463	0.198849	-5.02894	0.630515	0.806122	-1.24051	0.0100692	0.235931	-4.23853	6.3836	19.9932	2.78396	1
cg18830978	0.0641463	1.16721	1.16721	0.126451	1.12316	1.12316	0.826541	0.98363	-1.01664	0.0192934	0.810283	-1.23414	22.1763	1.94067	0.0777875	1
cg04122324	0.962287	1.00226	1.00226	0.00786091	1.17668	1.17668	0.886846	1.00682	1.00682	[illegible]	[illegible]	-1.01891	4.83749	0.174359	0.0320384	1
cg07776166	0.714681	1.09192	1.09192	0.0475689	1.72072	1.72072	0.746442	0.925238	-1.0808	0.977303	1.00684	1.00684	5.64406	5.12798	0.807611	1
cg10075260	0.000936828	0.362908	-2.75552	0.0050195	0.466705	-2.14268	0.93081	1.01799	1.01799	0.000107746	0.36889	-2.71083	6.89798	4.60453	0.59335	1
cg10360677	0.223072	0.876752	-1.14057	0.123411	0.84244	-1.18703	0.0256562	1.31301	1.31301	0.0213027	1.32888	1.32888	4.73335	0.79129	0.148958	1
cg27493581	0.249809	0.763167	-1.31033	0.00299582	0.400572	-2.49643	0.830908	0.95308	-1.04923	0.00213111	0.379119	-2.6377	4.51322	3.60991	0.71098	1
cg16989332	0.268893	0.780673	-1.28095	0.00520883	0.452602	-2.20945	0.0501614	0.61868	-1.61634	0.0101848	0.498239	-2.00707	4.46735	3.27135	0.650915	1
cg06415573	0.0836304	0.598282	-1.67145	1.44E-05	0.0887283	-11.2704	0.000356443	0.214895	-4.65343	0.000673709	0.247821	-4.03518	17.6089	20.0735	1.0133	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg20535044	KIAA1712;KIAA1712;FBXO8	0.00121043	0.000262162	0.585895	-1.70679	0.84286	0.98247	-1.01784	0.000800925	1.56981	1.56981
cg14602164	KIAA1712;KIAA1712;FBXO8	0.010449	0.000421278	0.292241	-3.42184	0.2616	1.29395	1.29395	0.590565	1.127	1.127
cg21594304	KIAA1712;KIAA1712;FBXO8	0.0318211	0.0136194	0.639252	-1.56433	0.00675073	0.597592	-1.67338	0.0319817	1.44542	1.44542
cg06153538	KIAA1715	0.000697518	0.0789406	0.382126	-2.61694	0.0007759	0.0814135	-12.283	0.113958	0.428281	-2.33492
cg26878734	KIAA1715	0.00155184	0.159546	0.81157	-1.23218	0.000120032	0.393032	-2.54432	0.000809299	0.495669	-2.01748
cg00620464	KIAA1715	0.00755929	0.0195217	0.132514	-7.54635	0.0169859	0.1244	-8.03862	0.0383899	0.179451	-5.57254
cg08567662	KIAA1715	0.015867	0.205414	1.22229	1.22229	0.179744	1.23872	1.23872	0.408901	1.13531	1.13531
cg27468226	KIAA1715	0.0455603	0.0195294	0.28771	-3.47572	0.0360282	0.340812	-2.93416	0.251898	0.589594	-1.69608
cg07062312	KIAA1731	5.22E-06	0.109705	0.71821	-1.39235	0.0526229	0.658212	-1.51927	0.0659681	0.676002	-1.47929
cg04583011	KIAA1731	0.00377116	0.162408	0.434448	-2.30177	0.0225992	0.217376	-4.60033	0.996625	0.997638	-1.00237
cg03703840	KIAA1731	0.00645927	0.0353699	5.99872	5.99872	?	?	?	0.00306452	0.0515641	-19.3933
cg09731067	KIAA1731	0.0084293	0.0664532	0.543822	-1.83884	0.0782383	0.560461	-1.78425	0.256071	0.704085	-1.42028
cg08164072	KIAA1731;KIAA1731	0.02565	0.869926	1.01648	1.01648	0.982968	1.00213	1.00213	0.571789	1.05863	1.05863
cg18877233	KIAA1737	0.00100946	0.00383635	0.164439	-6.08129	0.276704	0.592108	-1.68888	0.816195	1.11388	1.11388
cg26117010	KIAA1737	0.00316713	0.739458	0.971666	-1.02916	0.168966	1.13452	1.13452	0.000491957	1.60006	1.60006
cg19580697	KIAA1737	0.00499224	0.251113	1.16339	1.16339	0.0928534	0.79186	-1.26285	0.783715	0.96587	-1.03534
cg22903286	KIAA1737	0.00521603	0.00015246	0.138803	-7.20446	0.151208	0.626513	-1.59614	0.0801243	1.80445	1.80445
cg00939618	KIAA1737	0.0148302	0.0753731	0.742995	-1.3459	0.0284495	1.47407	1.47407	0.00214635	1.90949	1.90949
cg16209517	KIAA1737	0.0206443	0.724007	1.10675	1.10675	0.813232	1.07006	1.07006	0.00517176	2.87529	2.87529
cg16595667	KIAA1737	0.0279964	0.0693633	1.88422	1.88422	0.0467562	2.03392	2.03392	0.149821	1.61847	1.61847
cg18564448	KIAA1737	0.0348502	0.00253074	0.152933	-6.5388	0.247299	1.71932	1.71932	0.122493	0.47248	-2.11649
cg14229688	KIAA1737	0.0462832	0.515126	0.874047	-1.1441	0.749614	0.936776	-1.06749	0.226561	1.29561	1.29561
cg04395167	KIAA1751	0.00016361	0.0459439	0.685202	-1.45942	0.222369	0.809026	-1.23605	0.000136841	0.336114	-2.97518
cg14639753	KIAA1751	0.000384381	0.587713	0.9399	-1.06394	3.96E-05	0.410663	-2.43509	0.00485982	0.655206	-1.52624
cg06835814	KIAA1751	0.000641336	0.000925701	0.359989	-2.77786	0.0696162	1.52064	1.52064	0.0851374	1.48165	1.48165
cg13204758	KIAA1751	0.000869519	0.081002	1.26375	1.26375	0.000100078	2.30453	2.30453	0.655418	1.05585	1.05585
cg04245726	KIAA1751	0.00174925	0.571909	1.07617	1.07617	0.229843	0.850517	-1.17576	0.0158515	0.684036	-1.46191
cg15546282	KIAA1751	0.00198418	0.698455	1.09176	1.09176	0.36533	0.810787	-1.23337	0.527106	0.865454	-1.15546
cg11956108	KIAA1751	0.00200929	0.786732	1.07887	1.07887	0.0233845	0.468463	-2.13464	0.00181636	0.289089	-3.45915
cg01748832	KIAA1751	0.00205377	0.0798434	1.40245	1.40245	0.460891	1.13954	1.13954	0.0654381	1.43307	1.43307
cg27587063	KIAA1751	0.00236148	0.00301109	0.278693	-3.58818	0.0209563	0.417869	-2.3931	0.07468	0.535964	-1.8658
cg03950120	KIAA1751	0.00294015	0.0462658	0.523231	-1.9112	0.036644	0.502163	-1.99139	0.00196526	0.289041	-3.45972
cg26801936	KIAA1751	0.00556963	0.177581	0.771592	-1.29602	0.0191403	0.598652	-1.67042	0.00213105	0.457925	-2.18376
cg26067203	KIAA1751	0.00564885	0.000970843	0.385702	-2.59267	0.158487	0.746373	-1.33981	0.742645	0.93806	-1.06603
cg05700129	KIAA1751	0.00684835	0.562165	0.930536	-1.07465	0.190773	0.843506	-1.18553	0.00207601	0.587108	-1.70326
cg22619719	KIAA1751	0.00715956	0.237636	0.824009	-1.21358	0.856109	0.972189	-1.02861	0.804294	0.96215	-1.03934
cg11254952	KIAA1751	0.00728809	0.0592199	1.34464	1.34464	0.216724	0.834675	-1.19807	0.00158326	0.532299	-1.87864
cg02697258	KIAA1751	0.0076405	0.953729	0.989026	-1.0111	0.0100124	0.538865	-1.85575	0.000385595	0.340601	-2.93599
cg15151929	KIAA1751	0.00784997	0.844926	0.948635	-1.05415	0.838224	1.05659	1.05659	0.514254	1.19494	1.19494
cg18163909	KIAA1751	0.0114842	0.0946945	0.323944	-3.08695	0.0214644	5.44939	5.44939	0.948606	1.04035	1.04035
cg17016101	KIAA1751	0.0115556	0.246089	0.644714	-1.55108	0.837345	1.07722	1.07722	0.0650369	0.472535	-2.11625
cg05035280	KIAA1751	0.0136954	0.396317	0.697519	-1.43365	0.0204756	3.18383	3.18383	0.0402823	0.37435	-2.6713
cg16813854	KIAA1751	0.0140288	0.452448	0.836884	-1.19491	0.393185	1.22566	1.22566	0.361493	0.803952	-1.24386
cg26424079	KIAA1751	0.0195444	0.814577	1.03144	1.03144	0.920776	0.986978	-1.01319	0.194644	0.834622	-1.19815
cg01799930	KIAA1751	0.0219358	0.0248442	0.116838	-8.55885	0.0591263	0.180327	-5.54547	0.192843	0.330262	-3.0279
cg10623290	KIAA1751	0.0238914	0.933239	0.97682	-1.02373	0.00183013	0.289556	-3.45356	0.0186795	0.450254	-2.22097
cg11528033	KIAA1751	0.0242532	0.00221372	2.33852	2.33852	0.967143	1.00819	1.00819	0.228289	0.778405	-1.28468
cg11946378	KIAA1751	0.0269282	0.575217	0.877155	-1.14005	0.265753	1.30796	1.30796	0.247235	0.755723	-1.32324
cg07105421	KIAA1751	0.0269866	0.701661	0.841262	-1.18869	0.353725	1.53494	1.53494	0.623103	0.800556	-1.24913
cg22792177	KIAA1751	0.0285986	0.00263996	0.194285	-5.14707	0.673613	0.846366	-1.18152	0.64332	0.832262	-1.20155
cg04852972	KIAA1751	0.0359136	0.0327811	0.405195	-2.46795	0.33655	1.43106	1.43106	0.350353	0.706306	-1.41582
cg14598619	KIAA1751	0.0364457	0.554023	1.07049	1.07049	0.0140529	1.41205	1.41205	0.00807987	1.47115	1.47115
cg03771099	KIAA1751	0.0392615	0.906276	0.974795	-1.02586	0.182756	0.736062	-1.35858	0.00301444	0.414204	-2.41427
cg13168877	KIAA1751	0.0437615	0.0241658	0.593503	-1.68491	0.763859	1.06022	1.06022	0.600913	0.90264	-1.10786
cg05264578	KIAA1751	0.0481166	0.435956	0.925612	-1.08037	0.244389	0.888301	-1.12574	0.40751	1.08589	1.08589
cg26430560	KIAA1751	0.0486077	0.0111531	0.248995	-4.01615	0.0420124	0.359124	-2.78455	0.150772	0.510162	-1.96016
cg06123252	KIAA1751	0.0492002	0.0513953	0.493954	-2.02448	0.0397305	0.469469	-2.13007	0.0324797	0.451117	-2.21672
cg12035532	KIAA1751	0.0493216	0.63568	0.837422	-1.19414	0.0504504	0.436531	-2.29079	0.0038917	0.235693	-4.2428
cg04624458	KIAA1751	0.0495942	0.0143899	0.754292	-1.32575	0.966551	0.996088	-1.00393	0.247345	1.11969	1.11969
cg02379107	KIAA1755	0.0249591	0.588863	1.30158	1.30158	0.0453427	0.329914	-3.0311	0.824742	0.898408	-1.11308
cg25257903	KIAA1755	0.0391522	0.961595	1.00896	1.00896	0.126743	0.7363	-1.35814	0.127732	1.35689	1.35689
cg00992521	KIAA1755	0.0398881	0.543054	0.901167	-1.10967	0.11842	1.33182	1.33182	0.0287884	0.6467	-1.54631
cg13134607	KIAA1797	0.00245733	0.047414	1.22973	1.22973	0.676536	0.962468	-1.039	0.30566	0.90782	-1.10154
cg13517516	KIAA1797	0.0350189	0.935189	0.99295	-1.0071	0.091042	1.17578	1.17578	0.0348851	1.23848	1.23848
cg07117596	KIAA1804	0.0114714	0.00961943	0.13231	-7.55802	0.00459958	0.0975284	-10.2534	0.095008	0.322333	-3.10238
cg09115440	KIAA1804	0.0162221	0.830426	1.08918	1.08918	0.00048942	8.80954	8.80954	0.0231595	2.94886	2.94886
cg00180559	KIAA1804	0.0236236	0.687981	1.14705	1.14705	0.503637	0.79402	-1.25941	0.0113418	0.340486	-2.93698
cg24041637	KIAA1804	0.0238571	0.996911	1.00142	1.00142	0.0443043	2.33184	2.33184	0.0884638	1.99136	1.99136
cg20249584	KIAA1804	0.0242982	0.227728	2.16387	2.16387	0.00564756	9.15269	9.15269	0.159907	2.49783	2.49783
cg05477024	KIAA1804	0.026437	0.595757	0.871869	-1.14696	0.00292792	2.84824	2.84824	0.107383	1.56836	1.56836
cg04126810	KIAA1804	0.0309664	0.657562	1.22165	1.22165	0.00159209	7.63995	7.63995	0.0557571	2.64486	2.64486
cg16964809	KIAA1804	0.0403667	0.00870364	0.639367	-1.56405	0.194281	1.20168	1.20168	0.889893	1.0187	1.0187
cg27313012	KIAA1804	0.0432656	0.252148	0.735206	-1.36016	0.909037	0.971038	-1.02983	0.00477832	0.381686	-2.61996
cg06615378	KIAA1826	0.000415338	0.765781	0.966493	-1.03467	0.242255	1.14983	1.14983	0.123514	1.20963	1.20963
cg14220081	KIAA1826	0.00130706	0.887149	1.03115	1.03115	0.0506887	1.61763	1.61763	0.240506	1.30401	1.30401
cg15100231	KIAA1826	0.0353045	0.233348	1.16151	1.16151	0.0734101	0.787267	-1.27022	0.380564	0.897833	-1.11379
cg15814675	KIAA1826	0.0493316	0.995116	0.999079	-1.00092	0.0597387	0.726269	-1.3769	0.163749	0.799535	-1.25073
cg24532523	KIAA1826;KIAA1826	0.011704	0.484035	0.846433	-1.18143	0.558954	0.870627	-1.1486	0.525947	1.16259	1.16259
cg20843052	KIAA1841;KIAA1841	0.00402072	0.00292715	0.663125	-1.50801	0.193089	0.87073	-1.14846	0.00334741	1.49371	1.49371
cg02159586	KIAA1841;KIAA1841	0.0191423	0.082076	0.700893	-1.42675	0.0494485	1.51226	1.51226	0.00168677	2.2887	2.2887
cg19770944	KIAA1841;KIAA1841	0.0233152	0.158813	0.81309	-1.22988	0.0037473	1.712	1.712	0.0193736	1.47469	1.47469
cg16887385	KIAA1841;KIAA1841	0.0234737	0.949302	1.01155	1.01155	0.155535	0.759927	-1.31592	0.00570571	0.519526	-1.92483
cg17451422	KIAA1841;KIAA1841	0.0314291	0.297018	1.15503	1.15503	0.487478	1.0986	1.0986	0.0273794	0.706161	-1.41611
cg08484984	KIAA1841;KIAA1841	0.0361862	0.389995	0.787321	-1.27013	0.00287128	0.328481	-3.04431	0.00877133	0.404079	-2.47477
cg13484946	KIAA1841;KIAA1841	0.0422733	0.0524258	0.674047	-1.48358	0.414099	1.16103	1.16103	0.0124574	0.573438	-1.74387
cg12336693	KIAA1841;KIAA1841	0.0497631	0.307267	0.838854	-1.1921	0.386829	1.15891	1.15891	0.0243416	1.56233	1.56233
cg07593570	KIAA1875	4.33E-05	0.955239	0.992929	-1.00712	1.23E-05	0.311606	-3.20918	8.25E-05	0.407952	-2.45127
cg26272248	KIAA1875	0.000130553	9.29E-05	3.29851	3.29851	0.0439248	1.48629	1.48629	0.337766	1.18427	1.18427
cg06927220	KIAA1875	0.00054405	0.00139995	0.424871	-2.35365	0.80113	0.954391	-1.04779	0.0970918	0.714052	-1.40046
cg19978055	KIAA1875	0.000645402	0.676203	1.09068	1.09068	0.00039278	0.311231	-3.21304	0.226723	1.29991	1.29991
cg01423393	KIAA1875	0.00338784	0.00448671	3.79022	3.79022	0.460295	1.3026	1.3026	0.0509859	2.18527	2.18527
cg11202914	KIAA1875	0.00357608	0.767293	1.10165	1.10165	0.0190921	0.396358	-2.52297	0.272237	0.688786	-1.45183
cg18925846	KIAA1875	0.042935	0.110527	1.90439	1.90439	0.112315	1.89721	1.89721	0.340646	1.43871	1.43871
cg12222423	KIAA1875	0.045236	0.439218	0.794017	-1.25942	0.354448	0.756905	-1.32117	0.00391584	0.321353	-3.11184
cg12297774	KIAA1908;KIAA1908;KIAA1908	1.44E-05	0.000197794	0.334138	-2.99277	0.0583462	1.45493	1.45493	0.00347962	0.499047	-2.00382
cg05920602	KIAA1908;KIAA1908;KIAA1908	0.000210864	0.0299297	0.493769	-2.02524	0.62185	1.14724	1.14724	0.0779856	0.582121	-1.71786
cg11769349	KIAA1908;KIAA1908;KIAA1908	0.000569153	0.00052539	0.106691	-9.37283	0.00211965	0.167121	-5.98371	0.0336568	0.357893	-2.79413
cg09982671	KIAA1908;KIAA1908;KIAA1908	0.00138671	0.000295291	0.460544	-2.17135	0.694129	0.949343	-1.05336	0.0473346	0.741967	-1.34777
cg13724248	KIAA1908;KIAA1908;KIAA1908	0.0136909	0.0023503	0.426665	-2.34376	0.649476	0.912275	-1.09616	0.0329255	0.60617	-1.6497
cg19251962	KIAA1908;KIAA1908;KIAA1908	0.0269951	0.0115848	0.209633	-4.77024	0.0179781	0.240993	-4.14951	0.218949	0.527314	-1.8964
cg09652472	KIAA1908;KIAA1908;KIAA1908	0.0398995	0.00350734	0.14098	-7.0932	0.695134	0.822948	-1.21514	0.172464	0.487517	-2.05121
cg04646809	KIAA1908;KIAA1908;KIAA1908;PSMG3; PSMG3	0.00238007	0.0268779	2.6636	2.6636	0.909782	1.04327	1.04327	0.275205	1.52842	1.52842
cg08708735	KIAA1908;PSMG3;KIAA1908;PSMG3;PS MG3;KIAA1908	9.91E-06	0.0398649	1.13516	1.13516	0.00368239	1.23303	1.23303	0.000208342	1.39261	1.39261
cg23910392	KIAA1919	0.000814101	0.000361967	0.22485	-4.44742	0.000397687	0.229626	-4.3549	0.0141904	0.453988	-2.2027
cg11549975	KIAA1919	0.00213264	0.820332	1.02525	1.02525	0.229102	1.1484	1.1484	0.00350603	0.647798	-1.54369
cg15219685	KIAA1919	0.015363	0.00581255	0.191435	-5.2237	0.0106938	0.230305	-4.34207	0.975685	1.01405	1.01405
cg00587628	KIAA1919	0.0180497	0.492577	0.940277	-1.06352	0.00632743	0.730417	-1.36908	0.127624	0.864537	-1.15669
cg06640254	KIAA1919	0.0228541	0.0459976	0.192505	-5.19467	0.00217964	0.0451537	-22.1466	0.0459249	0.192369	-5.19834
cg03695699	KIAA1919	0.0344319	0.978688	1.00266	1.00266	0.00552987	1.43754	1.43754	0.66884	1.04376	1.04376
cg04337628	KIAA1919;KIAA1919	0.0203737	0.0622836	0.423521	-2.36116	0.00523869	4.51652	4.51652	0.599511	1.24225	1.24225
cg10084289	KIAA1919;KIAA1919	0.0271573	0.86244	1.02859	1.02859	0.100613	0.746517	-1.33955	0.641757	0.926668	-1.07913
cg10426318	KIAA1949;KIAA1949	0.000116212	8.40E-05	0.234724	-4.26032	0.011585	0.523783	-1.90919	0.294255	1.24966	1.24966
cg07939503	KIAA1949;KIAA1949	0.000869171	0.603686	0.887356	-1.12694	0.00994654	0.475711	-2.10211	0.0753049	0.636415	-1.5713
cg24475275	KIAA1949;KIAA1949	0.00135682	0.00377453	0.278202	-3.59451	0.638546	0.856524	-1.16751	0.0529839	0.48683	-2.05411
cg06462220	KIAA1949;KIAA1949	0.00236749	0.477928	1.14657	1.14657	0.0125512	1.80136	1.80136	0.00979095	1.85728	1.85728
cg09374772	KIAA1949;KIAA1949	0.00389818	0.00415904	0.252625	-3.95843	0.0163492	0.349463	-2.86153	0.00327564	0.237985	-4.20195
cg11288144	KIAA1949;KIAA1949	0.00408027	0.00948857	0.243591	-4.10523	0.429631	0.707189	-1.41405	0.0125405	0.263323	-3.79761
cg13054640	KIAA1949;KIAA1949	0.0050948	0.0076037	2.13265	2.13265	0.000368086	3.52	3.52	0.0311725	1.74714	1.74714
cg00587922	KIAA1949;KIAA1949	0.00533094	0.00390716	0.211531	-4.72744	0.000777783	0.130911	-7.63876	0.0107296	0.277435	-3.60445
cg22413056	KIAA1949;KIAA1949	0.00609872	0.0063045	0.272319	-3.67217	0.0115088	0.314846	-3.17616	0.00486832	0.255419	-3.91514
cg06861519	KIAA1949;KIAA1949	0.00781449	0.0957065	1.41025	1.41025	0.00643302	1.94596	1.94596	0.324144	0.8259	-1.2108
cg03193893	KIAA1949;KIAA1949	0.00817844	0.827217	1.03414	1.03414	0.282207	1.18722	1.18722	0.4515	0.888868	-1.12503
cg26683639	KIAA1949;KIAA1949	0.0085491	0.0706155	0.521638	-1.91704	0.849391	0.940603	-1.06315	0.169136	0.623847	-1.60296
cg10098021	KIAA1949;KIAA1949	0.0219016	0.110389	0.436344	-2.29177	0.498633	1.3874	1.3874	0.135651	0.464596	-2.15241
cg08887400	KIAA1949;KIAA1949	0.026771	0.0913488	0.274194	-3.64705	0.695454	1.31493	1.31493	0.471604	0.600745	-1.6646
cg23167351	KIAA1949;KIAA1949	0.0284793	0.00788932	0.258248	-3.87225	0.0566949	0.424489	-2.35577	0.057634	0.426214	-2.34624
cg13036352	KIAA1949;KIAA1949	0.0293058	0.0110955	0.179913	-5.55825	0.0547574	0.309285	-3.23326	0.0162243	0.205221	-4.87279
cg11736020	KIAA1949;KIAA1949	0.0295122	0.0156203	0.275487	-3.62994	0.00636443	0.213421	-4.68557	0.0373612	0.349666	-2.85987
cg17476701	KIAA1949;KIAA1949	0.0299787	0.0244209	0.143761	-6.95598	0.00408133	0.061558	-16.2448	0.0224792	0.138447	-7.22297
cg01449469	KIAA1949;KIAA1949	0.0327086	0.481241	0.897394	-1.11434	0.496038	1.11018	1.11018	0.0116887	0.62098	-1.61036
cg18586886	KIAA1949;KIAA1949	0.033609	0.339835	0.451905	-2.21285	0.985324	1.01496	1.01496	0.187295	0.32354	-3.09081
cg03953626	KIAA1949;KIAA1949	0.036195	0.380076	0.465134	-2.14992	0.953842	1.05044	1.05044	0.176093	0.294414	-3.39658
cg10380362	KIAA1949;KIAA1949	0.0398381	0.506617	1.33119	1.33119	0.0427078	2.69254	2.69254	0.329587	1.53292	1.53292
cg13357602	KIAA1949;KIAA1949	0.0419685	0.897626	0.956971	-1.04496	0.602317	1.19678	1.19678	0.746967	1.11696	1.11696
cg13426098	KIAA1949;KIAA1949;KIAA1949	0.000151523	0.037438	1.10617	1.10617	0.0103233	1.14457	1.14457	0.00717045	0.864968	-1.15611
cg01568521	KIAA1949;KIAA1949;KIAA1949	0.000703629	0.981626	0.997886	-1.00212	0.225062	0.889512	-1.12421	1.02E-05	2.38525	2.38525
cg08052856	KIAA1949;KIAA1949;KIAA1949	0.00105449	0.666704	0.956976	-1.04496	0.0655486	0.810769	-1.2334	0.416011	0.919086	-1.08804
cg08752994	KIAA1949;KIAA1949;KIAA1949	0.0115558	0.390733	0.8219	-1.21669	0.572091	0.880445	-1.13579	0.464562	1.18058	1.18058
cg17438419	KIAA1949;KIAA1949;KIAA1949	0.0236315	0.67472	0.885704	-1.12905	0.00567015	0.352197	-2.83932	0.00876983	0.382928	-2.61146
cg19504658	KIAA1949;KIAA1949;KIAA1949	0.041733	?	?	?	0.0675679	1.47735	1.47735	0.201786	0.773481	-1.29286

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)
cg20535044	0.0218183	0.782507	-1.27794	0.962307	1.00422	1.00422	0.580124	1.05105	1.05105	0.0110762	0.752881	-1.32823
cg14602164	0.0362071	0.585001	-1.7094	0.231283	0.758511	-1.31837	0.260706	0.772421	-1.29463	0.191137	1.35619	1.35619
cg21594304	0.604282	1.07966	1.07966	0.415674	0.885177	-1.12972	0.225879	0.829904	-1.20496	0.246634	0.837264	-1.19437
cg06153538	0.67832	0.814098	-1.22835	0.000326741	0.0570792	-17.5195	0.0396517	0.30938	-3.23227	0.000176739	0.043497	-22.9901
cg26878734	0.243244	0.843995	-1.18484	0.213751	1.19943	1.19943	0.137499	1.24879	1.24879	0.0488591	1.36677	1.36677
cg00620464	0.971704	0.974923	-1.02572	0.00822218	0.0888641	-11.2531	0.432514	0.56353	-1.77453	0.000845367	0.0275129	-36.3466
cg08567662	0.0651245	1.36498	1.36498	0.00201289	1.92462	1.92462	0.00854777	0.604048	-1.6555	0.448555	0.890441	-1.12304
cg27468226	0.311558	0.629953	-1.58742	0.0176818	0.279821	-3.57371	0.0532552	0.379363	-2.636	0.0268478	0.314294	-3.18174
cg07062312	0.168256	1.32143	1.32143	3.28E-05	0.216313	-4.62293	0.00104675	0.398222	-2.51116	1.94E-07	0.0490793	-20.3752
cg04583011	0.000129124	0.0242645	-41.2125	0.761879	0.843772	-1.18515	0.566759	0.723503	-1.38216	0.167121	2.2778	2.2778
cg03703840	0.837479	0.860554	-1.16204	?	?	?	?	?	?	0.0353123	6.00317	6.00317
cg09731067	0.357023	0.755524	-1.32359	0.57232	1.18395	1.18395	0.000234433	0.164437	-6.08137	0.437914	1.26386	1.26386
cg08164072	0.336492	1.10387	1.10387	0.387574	1.09233	1.09233	0.931195	0.991426	-1.00865	0.000732217	0.599391	-1.66836
cg18877233	0.291371	0.602211	-1.66055	0.62305	1.25795	1.25795	1.88E-05	0.0177237	-56.4215	0.272838	0.589402	-1.69664
cg26117010	0.768811	1.02571	1.02571	0.109841	0.860621	-1.16195	0.139494	0.872018	-1.14677	0.0227953	0.790839	-1.26448
cg19580697	0.982862	1.00271	1.00271	0.00145647	0.559717	-1.78662	0.0637759	0.768738	-1.30083	0.00114144	1.82898	1.82898
cg22903286	0.794179	1.08273	1.08273	0.597693	1.17575	1.17575	0.371939	1.3214	1.3214	?	?	?
cg00939618	0.85758	1.02732	1.02732	0.201654	1.22424	1.22424	0.0768522	1.34345	1.34345	0.0497486	1.39913	1.39913
cg16209517	0.00229098	3.38624	3.38624	0.321642	1.34036	1.34036	0.535268	0.835581	-1.19677	0.117803	0.615124	-1.62569
cg16595667	0.321684	1.37611	1.37611	0.219604	1.49562	1.49562	0.00335878	3.47048	3.47048	0.24796	1.45739	1.45739
cg18564448	0.713269	1.1798	1.1798	0.764502	1.14407	1.14407	0.800858	0.892946	-1.11989	0.10518	0.452419	-2.21034
cg14229688	0.0532068	0.638895	-1.5652	0.00252655	0.425208	-2.35179	0.274262	0.792914	-1.26117	0.0415439	0.619182	-1.61503
cg04395167	0.00137773	0.464498	-2.15286	2.02E-05	0.240494	-4.15811	0.000359015	0.388252	-2.57565	0.000105152	0.322293	-3.10276
cg14639753	0.51533	1.07755	1.07755	0.978164	0.996906	-1.0031	0.188049	1.1711	1.1711	0.000429526	0.5321	-1.87934
cg06835814	0.0629357	0.649141	-1.5405	0.0218356	0.566436	-1.76542	0.310083	1.24227	1.24227	0.00010071	0.240774	-4.15328
cg13204758	0.932711	1.01027	1.01027	0.00287409	0.608887	-1.64234	0.0233753	1.38788	1.38788	0.0050476	0.638483	-1.56621
cg04245726	0.623605	0.938413	-1.06563	2.73E-05	0.345271	-2.89627	0.0138798	0.676604	-1.47797	0.0157408	0.683643	-1.46275
cg15546282	0.949066	0.985697	-1.01451	2.74E-05	0.154928	-6.45461	0.230071	1.32838	1.32838	0.135616	0.6958	-1.43719
cg11956108	0.435716	1.24933	1.24933	0.00129429	0.26923	-3.7143	0.001899	0.291758	-3.4275	0.000470394	0.214722	-4.65718
cg01748832	9.30E-05	0.29724	-3.36428	0.0306467	0.642823	-1.55564	0.0264242	1.58093	1.58093	0.409021	0.863352	-1.15828
cg27587063	0.0143218	0.387284	-2.58208	9.00E-05	0.110768	-9.02787	0.00918268	0.35377	-2.8267	0.00583069	0.321724	-3.10825
cg03950120	0.0495345	0.529561	-1.88836	0.000313325	0.1906	-5.24659	0.0492099	0.528948	-1.89055	0.000574507	0.220475	-4.53567
cg26801936	0.468124	1.14293	1.14293	0.000370012	0.356522	-2.80488	0.0753153	0.698824	-1.43098	0.757667	0.945531	-1.05761
cg26067203	0.808811	0.954048	-1.04817	0.000338267	0.325969	-3.06778	0.187234	1.31161	1.31161	0.682313	0.923243	-1.08314
cg05700129	0.00212618	0.588367	-1.69962	0.193672	1.18407	1.18407	0.129749	0.817854	-1.22271	0.0284643	0.727868	-1.37388
cg22619719	0.883234	1.0231	1.0231	0.543631	0.908753	-1.10041	0.0551063	0.708505	-1.41142	9.73E-05	0.305069	-3.27795
cg11254952	0.0206525	1.47327	1.47327	0.0162369	1.50485	1.50485	0.0956873	0.775349	-1.28974	0.125247	1.25948	1.25948
cg02697258	0.0401305	0.636993	-1.56988	0.433196	0.858912	-1.16426	0.6201	0.90935	-1.09969	0.0570156	1.5061	1.5061
cg15151929	0.0458151	0.539857	-1.85234	0.0144919	0.444361	-2.25042	0.202328	0.695959	-1.43687	0.000247573	0.196057	-5.10056
cg18163909	0.847073	0.88826	-1.1258	0.0132319	0.15191	-6.58284	0.467285	0.635126	-1.57449	0.00169766	0.0638367	-15.665
cg17016101	0.142991	0.565729	-1.76763	0.0069725	0.28282	-3.53581	0.132192	0.55547	-1.80028	0.000297821	0.118793	-8.41802
cg05035280	0.917409	0.957896	-1.04396	0.0321346	0.353142	-2.83172	0.413608	1.41427	1.41427	0.0014346	0.147845	-6.76384
cg16813854	0.752843	0.929146	-1.07626	0.858438	1.04241	1.04241	0.127639	1.46699	1.46699	0.0013288	0.337626	-2.96186
cg26424079	0.752619	0.959193	-1.04254	0.0157379	0.677086	-1.47692	0.0907168	0.782262	-1.27834	0.0123314	1.5077	1.5077
cg01799930	0.0831465	0.213932	-4.67439	0.0123817	0.0818545	-12.2168	0.0292453	0.126832	-7.88446	0.00464086	0.0484575	-20.6367
cg10623290	0.344323	0.761345	-1.31347	0.0163848	0.43988	-2.27335	0.295882	1.35448	1.35448	0.281287	0.730914	-1.36815
cg11528033	0.592085	1.1131	1.1131	0.0581546	1.52835	1.52835	0.328283	1.22128	1.22128	0.00826569	1.95238	1.95238
cg11946378	0.202696	0.732464	-1.36525	0.00768876	0.452521	-2.20984	0.0441404	0.585472	-1.70802	0.00274672	0.384144	-2.60319
cg07105421	0.0558052	0.377918	-2.64608	0.0164252	0.267987	-3.73152	0.00569826	0.196272	-5.09496	0.00588824	0.198235	-5.04451
cg22792177	0.224859	1.65195	1.65195	0.407613	0.71639	-1.39589	0.0468397	0.408194	-2.44981	0.00578405	0.240829	-4.15232
cg04852972	0.945618	1.02498	1.02498	0.477611	0.770147	-1.29845	0.576188	0.815245	-1.22663	0.00141766	0.18814	-5.31518
cg14598619	0.190722	1.17079	1.17079	0.787039	1.0313	1.0313	0.110415	0.82039	-1.21893	0.0371761	1.31693	1.31693
cg03771099	0.544291	0.875453	-1.14227	0.0170465	0.532364	-1.87841	0.0904437	0.66741	-1.49833	0.862702	0.963179	-1.03823
cg13168877	0.163888	0.749528	-1.33417	0.00240523	0.440179	-2.27181	0.248795	1.26359	1.26359	0.154392	0.743886	-1.34429
cg05264578	0.216133	1.13496	1.13496	0.901499	1.01212	1.01212	0.206418	0.878435	-1.13839	0.00184042	1.5376	1.5376
cg26430560	0.0954373	0.449063	-2.22686	0.0456072	0.367217	-2.72319	0.0858508	0.436197	-2.29254	0.0068908	0.216785	-4.61286
cg06123252	0.877853	0.952269	-1.05012	0.0613022	0.511459	-1.95519	0.390386	0.755878	-1.32296	0.00897096	0.347564	-2.87716
cg12035532	0.560809	0.803597	-1.24441	0.0139589	0.323403	-3.09212	0.515267	0.782474	-1.278	0.456457	1.32574	1.32574
cg04624458	0.365192	1.09086	1.09086	0.297995	1.1061	1.1061	0.793863	0.975821	-1.02478	0.0047888	1.41901	1.41901
cg02379107	0.123912	2.23633	2.23633	0.577659	0.762083	-1.31219	0.00777312	0.191869	-5.21188	0.0104721	0.210903	-4.74152
cg25257903	0.221555	1.26886	1.26886	0.987306	1.00295	1.00295	0.175227	0.765541	-1.30627	0.00206996	0.44763	-2.23399
cg00992521	0.927269	0.984685	-1.01555	0.0121897	0.589783	-1.69554	0.0699793	0.710007	-1.40844	0.0165187	0.609537	-1.64059
cg13134607	0.00419968	0.704959	-1.41852	0.381235	0.921376	-1.08533	0.0749067	1.19825	1.19825	0.000155776	0.554109	-1.8047
cg13517516	0.0221406	1.26951	1.26951	0.290803	0.909043	-1.10006	0.380397	1.08142	1.08142	0.188281	0.885792	-1.12893
cg07117596	0.966712	1.02609	1.02609	0.00636705	0.111764	-8.94746	0.00867613	0.126892	-7.88072	0.00681735	0.114966	-8.69823
cg09115440	0.322922	0.665846	-1.50185	0.368668	0.692265	-1.44453	0.969886	1.01515	1.01515	0.380527	1.43089	1.43089
cg00180559	0.784879	1.09745	1.09745	0.00104169	0.192098	-5.20568	0.0321589	0.426213	-2.34624	0.640463	0.852265	-1.17334
cg24041637	0.390834	0.724528	-1.38021	0.462471	0.760237	-1.31538	0.598139	1.21523	1.21523	0.100322	0.516954	-1.93441
cg20249584	0.321032	1.8683	1.8683	0.0149093	0.161175	-6.20445	0.189072	2.33539	2.33539	0.231243	0.465087	-2.15013
cg05477024	0.431703	1.22815	1.22815	0.130336	0.658087	-1.51956	0.0632938	1.70722	1.70722	0.247236	0.733573	-1.36319
cg04126810	0.405544	1.46504	1.46504	0.59419	1.27292	1.27292	0.0646594	2.53778	2.53778	0.782532	0.883233	-1.1322
cg16964809	0.212028	0.83872	-1.19229	0.0364064	0.722243	-1.38458	0.00999941	0.647198	-1.54512	0.197525	0.833401	-1.1999
cg27313012	0.283049	0.750651	-1.33218	0.00347645	0.360656	-2.77272	0.0838934	0.611495	-1.63534	0.190244	0.699976	-1.42862
cg06615378	0.716373	0.95923	-1.0425	0.837896	0.976901	-1.02364	0.0230176	0.733332	-1.36364	5.40E-06	0.308989	-3.23636
cg14220081	0.0890765	1.49938	1.49938	0.196402	1.34321	1.34321	0.191588	1.34802	1.34802	3.10E-05	0.172669	-5.79142
cg15100231	0.464407	1.09332	1.09332	0.392117	1.11077	1.11077	0.393641	1.11038	1.11038	0.00130342	1.75246	1.75246
cg15814675	0.0169966	1.54986	1.54986	0.0102351	1.62794	1.62794	0.45073	1.12265	1.12265	0.748521	0.952731	-1.04961
cg24532523	0.358255	0.801342	-1.24791	0.346295	0.79663	-1.25529	0.726173	1.08592	1.08592	0.000195665	0.230288	-4.34239
cg20843052	0.830441	0.978679	-1.02179	0.408272	1.08872	1.08872	0.0205902	1.32352	1.32352	0.858862	0.98227	-1.01805
cg02159586	0.32126	0.827744	-1.2081	0.242708	1.25301	1.25301	0.540438	0.891964	-1.12112	0.0767909	0.695531	-1.43775
cg19770944	0.817299	0.968708	-1.0323	0.644634	0.938187	-1.06589	0.469662	0.903881	-1.10634	0.0442349	0.727958	-1.37371
cg16887385	0.00830177	1.83966	1.83966	0.311604	1.20817	1.20817	0.906848	1.02137	1.02137	0.0960097	1.39129	1.39129
cg17451422	0.00736502	0.631037	-1.58469	0.016711	0.67745	-1.47612	0.708612	1.05132	1.05132	0.366502	1.13164	1.13164
cg08484984	0.479842	1.21528	1.21528	0.82919	0.943038	-1.0604	0.0573435	0.557877	-1.79251	0.494608	1.20716	1.20716
cg13484946	0.172295	1.29668	1.29668	0.852356	0.967229	-1.03388	0.0710312	1.43429	1.43429	0.0407444	0.655438	-1.5257
cg12336693	0.0871441	1.36896	1.36896	0.0112135	1.69605	1.69605	0.427177	1.1443	1.1443	0.0579751	0.700251	-1.42806
cg07593570	0.498316	1.09079	1.09079	0.473608	0.911981	-1.09651	1.26E-05	0.312948	-3.19542	0.00607513	1.57285	1.57285
cg26272248	4.98E-05	3.68053	3.68053	0.00562822	1.86257	1.86257	0.00981636	0.571977	-1.74832	0.344429	1.18136	1.18136
cg06927220	0.306098	1.21651	1.21651	2.58E-05	0.213979	-4.67336	0.000452768	0.359738	-2.7798	0.0209197	0.598104	-1.67195
cg19978055	0.945665	1.01418	1.01418	0.00621187	0.478415	-2.09024	0.935678	0.983458	-1.01682	0.496488	0.867024	-1.15337
cg01423393	0.159753	1.69604	1.69604	0.0211292	2.65135	2.65135	0.0856319	1.9506	1.9506	0.000103839	11.177	11.177
cg11202914	0.344497	1.3739	1.3739	0.000180307	0.126438	-7.90902	0.00424355	0.286913	-3.48537	0.169862	1.6112	1.6112
cg18925846	0.0522788	2.26518	2.26518	0.171277	1.71526	1.71526	0.0374538	2.44583	2.44583	0.00150211	5.44443	5.44443
cg12222423	0.812033	1.07213	1.07213	0.010726	0.391626	-2.55346	0.106424	0.597245	-1.67435	0.222586	1.45459	1.45459
cg12297774	0.000722305	0.405923	-2.46352	5.47E-07	0.0875686	-11.4196	0.000408758	0.373798	-2.67524	7.41E-05	0.283074	-3.53264
cg05920602	0.202605	1.45012	1.45012	8.36E-05	0.141465	-7.06888	0.00134526	0.276114	-3.62169	2.46E-05	0.0983889	-10.1638
cg11769349	0.0375657	0.368174	-2.71611	0.000237121	0.0803	-12.4533	0.00117516	0.139195	-7.18415	0.000163731	0.0697823	-14.3303
cg09982671	0.789165	1.03588	1.03588	8.71E-05	0.396247	-2.52368	0.911092	1.0148	1.0148	0.772089	1.03894	1.03894
cg13724248	0.158477	0.738976	-1.35322	0.00173659	0.4081	-2.45038	0.264783	1.26265	1.26265	0.793599	0.948745	-1.05402
cg19251962	0.0519544	0.334698	-2.98777	0.00373785	0.143991	-6.94488	0.0343462	0.294692	-3.39337	0.112333	0.424994	-2.35298
cg09652472	0.423477	0.667335	-1.4985	0.0109076	0.205765	-4.85992	0.135301	0.450912	-2.21773	0.0191472	0.24596	-4.0657
cg04646809	0.666379	0.850363	-1.17597	0.233834	1.59431	1.59431	0.554395	1.25042	1.25042	4.75E-05	0.0570166	-17.5388
cg08708735	0.394809	1.0476	1.0476	0.00355781	1.23462	1.23462	0.137091	0.918099	-1.08921	2.98E-07	0.448432	-2.22999
cg23910392	0.0573643	0.570607	-1.75252	0.00121658	0.290626	-3.44084	0.0192308	0.477515	-2.09418	0.000625131	0.253356	-3.94701
cg11549975	0.985413	0.997998	-1.00201	0.119173	0.830763	-1.20371	0.0967792	0.818838	-1.22124	7.68E-05	0.455877	-2.19357
cg15219685	0.0885956	0.42328	-2.3625	0.0334807	0.320793	-3.11727	0.0783059	0.408562	-2.44761	0.00365396	0.165447	-6.04424
cg00587628	0.697018	0.966018	-1.03518	0.102479	0.853944	-1.17104	0.110993	0.857766	-1.16582	0.00476431	1.39256	1.39256
cg06640254	0.398978	1.8629	1.8629	0.0294261	0.157566	-6.34656	0.116026	0.292091	-3.42359	0.0251536	0.146804	-6.81178
cg03695699	0.11952	1.18311	1.18311	0.0358975	1.27503	1.27503	0.0637588	1.23053	1.23053	0.435704	0.923893	-1.08238
cg04337628	0.388715	1.4357	1.4357	0.229409	0.59671	-1.67585	0.332158	0.663922	-1.5062	0.0156861	0.297457	-3.36183
cg10084289	0.290718	1.19509	1.19509	0.647798	0.927964	-1.07763	0.276612	1.20194	1.20194	0.0692467	0.718641	-1.39152
cg10426318	0.362599	0.825548	-1.21132	3.50E-05	0.194338	-5.14567	0.0090637	0.506885	-1.97284	4.59E-05	0.206491	-4.84283
cg07939503	0.510638	0.858756	-1.16448	0.251314	0.760707	-1.31457	0.000509522	0.289709	-3.45174	3.66E-05	0.163145	-6.12951
cg24475275	0.273846	0.688848	-1.4517	7.74E-05	0.0960902	-10.4069	0.000459073	0.164375	-6.08366	0.0250538	0.417893	-2.39296
cg06462220	0.286716	0.810817	-1.23332	0.000723123	0.377233	-2.65088	0.898389	1.02451	1.02451	0.05441	1.51246	1.51246
cg09374772	0.00846399	0.29997	-3.33367	0.000882276	0.167739	-5.96165	0.0129237	0.331111	-3.02014	0.00271218	0.226835	-4.40848
cg11288144	0.00493227	0.201849	-4.9542	0.155961	0.520861	-1.9199	0.44301	0.71455	-1.39948	0.000341725	0.0838746	-11.9226
cg13054640	0.145259	1.41213	1.41213	0.42165	1.19856	1.19856	0.0581819	1.60382	1.60382	0.398048	1.21036	1.21036
cg00587922	0.0110014	0.279245	-3.58109	0.0377946	0.381629	-2.62035	0.151643	0.541017	-1.84837	0.00461534	0.221492	-4.51484
cg22413056	0.0112345	0.31305	-3.19437	0.127561	0.547475	-1.82657	0.589727	0.819512	-1.22024	0.000800445	0.157133	-6.36403
cg06861519	0.0296245	1.61772	1.61772	0.00757525	1.90649	1.90649	0.908419	1.02185	1.02185	0.0254036	0.607085	-1.64722
cg03193893	0.601201	0.922205	-1.08436	0.185994	0.806268	-1.24028	0.0526989	1.40246	1.40246	0.000323188	0.409359	-2.44284
cg26683639	0.70002	1.13281	1.13281	0.0273391	0.431295	-2.3186	0.968277	1.01289	1.01289	0.000193383	0.132512	-7.54648
cg10098021	0.625701	1.26406	1.26406	0.0480607	0.340578	-2.93618	0.271482	1.72579	1.72579	0.00112736	0.10179	-9.82414
cg08887400	0.00564726	0.0798629	-12.5215	0.0361372	0.183456	-5.45091	0.942233	0.950818	-1.05173	0.00197638	0.0477469	-20.9438
cg23167351	0.0241039	0.343521	-2.91103	0.10477	0.494466	-2.02239	0.189482	0.575727	-1.73694	0.00304155	0.199308	-5.01736
cg13036352	0.0097274	0.171791	-5.82101	0.0833998	0.356196	-2.80744	0.113627	0.395644	-2.52752	0.0106785	0.177516	-5.63331
cg11736020	0.101689	0.458746	-2.17986	0.0287527	0.325702	-3.07029	0.258286	0.598695	-1.6703	0.00746542	0.223547	-4.47334
cg17476701	0.0881651	0.256411	-3.89999	0.159212	0.336827	-2.96888	0.276342	0.440872	-2.26823	0.0136144	0.109945	-9.09545
cg01449469	0.525181	1.10226	1.10226	0.258335	0.836645	-1.19525	0.00370527	0.552663	-1.80942	0.178131	0.805439	-1.24156
cg18586886	0.0263205	0.119167	-8.39157	0.0191163	0.101289	-9.87277	0.958385	1.04303	1.04303	0.00139236	0.0237547	-42.097
cg03953626	0.0238526	0.101046	-9.8965	0.0166507	0.0832967	-12.0053	0.535358	0.586478	-1.70509	0.00165692	0.0217823	-45.9088
cg10380362	0.517057	1.32166	1.32166	0.211068	0.571532	-1.74968	0.842472	1.08815	1.08815	0.00605113	4.58209	4.58209
cg13357602	0.268899	0.67473	-1.48207	0.00494726	0.28035	-3.56697	0.00602888	0.2935	-3.40716	0.0611135	0.486221	-2.05668
cg13426098	0.00497981	1.16805	1.16805	0.00522153	1.16647	1.16647	6.33E-05	1.36018	1.36018	0.000752202	0.80769	-1.2381
cg01568521	0.419792	0.927055	-1.07868	0.0251837	1.27715	1.27715	0.111876	1.17244	1.17244	0.53839	0.944368	-1.05891
cg08052856	0.000122503	1.97463	1.97463	0.335347	0.904082	-1.10609	0.378935	1.09595	1.09595	0.73306	1.03536	1.03536
cg08752994	0.0243436	0.549633	-1.8194	0.260154	0.769547	-1.29947	0.0180597	0.527017	-1.89747	0.000373302	0.281015	-3.55853
cg17438419	0.663179	1.1343	1.1343	0.708865	1.11388	1.11388	0.0215746	2.21114	2.21114	0.637603	1.14618	1.14618
cg19504658	0.0798901	1.44821	1.44821	0.513304	1.13466	1.13466	0.140489	0.739223	-1.35277	0.00985603	0.537118	-1.86179

Probeset ID	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20535044	0.270267	0.902775	-1.1077	0.044056	1.22894	1.22894	11.1442	1.40129	0.111771	1
cg14602164	0.212206	1.33544	1.33544	0.485328	1.16892	1.16892	5.82802	4.47264	0.682167	1
cg21594304	0.305193	0.855849	-1.16843	0.163439	0.804082	-1.24365	4.0019	1.36226	0.302582	1
cg06153538	0.000471301	0.0665891	-15.0175	0.00205107	0.117412	-8.51704	13.0239	50.159	3.42338	1
cg26878734	0.233644	0.840762	-1.1894	0.300698	0.861605	-1.16063	10.3775	3.1711	0.271622	1
cg00620464	0.0143683	0.115237	-8.67774	0.00680141	0.0811944	-12.3161	6.45806	52.4371	7.21747	1
cg08567662	0.177595	1.2402	1.2402	0.415979	1.13305	1.13305	5.08508	1.8181	0.317809	1
cg27468226	0.773577	1.13579	1.13579	0.0225272	0.299382	-3.34021	3.50922	10.8283	2.74283	1
cg07062312	0.0329419	1.60559	1.60559	7.98E-06	0.156441	-6.39219	47.9874	27.3839	0.507242	1
cg04583011	0.013331	0.1802	-5.5494	0.137395	2.44566	2.44566	7.99294	39.5511	4.39845	1
cg03703840	0.0143158	0.109888	-9.1002	0.820828	0.847158	-1.18042	7.3362	41.4137	7.52682	1
cg09731067	0.358568	1.32233	1.32233	0.175021	1.53246	1.53246	6.24046	8.65639	1.23301	1
cg08164072	0.037795	0.786458	-1.27152	0.95366	0.994222	-1.00581	4.31845	0.68013	0.139995	1
cg18877233	0.46651	1.4095	1.4095	0.121717	2.17515	2.17515	11.7352	39.8783	3.02061	1
cg26117010	0.12124	1.15568	1.15568	0.00209887	1.45156	1.45156	8.42131	0.989153	0.104407	1
cg19580697	0.15233	0.824061	-1.2135	0.176243	0.834044	-1.19898	7.34207	1.85228	0.224252	1
cg22903286	0.163498	0.636288	-1.57162	0.300552	0.721711	-1.3856	7.39905	9.62738	1.30116	1
cg00939618	0.267117	1.18944	1.18944	0.081397	0.748373	-1.33623	5.20022	1.85443	0.316982	1
cg16209517	0.184781	1.49543	1.49543	0.103694	1.66378	1.66378	4.65408	6.03331	1.15231	1
cg16595667	0.00387629	3.36372	3.36372	0.0265673	2.26993	2.26993	4.18797	6.44991	1.36898	1
cg18564448	0.156834	1.9707	1.9707	0.148382	2.00274	2.00274	3.87314	12.3114	2.82547	1
cg14229688	0.25868	0.786329	-1.27173	0.177511	0.746537	-1.33952	3.48853	2.29866	0.585705	1
cg04395167	0.11084	0.750446	-1.33254	0.529238	0.900023	-1.11108	19.3971	8.38982	0.384471	1
cg14639753	0.667859	1.05009	1.05009	0.000409944	0.529724	-1.88778	15.368	3.12054	0.180493	1
cg06835814	0.00951053	1.97089	1.97089	0.343469	1.22332	1.22332	13.3336	9.00852	0.600558	1
cg13204758	0.0320614	1.35507	1.35507	0.909705	1.01382	1.01382	12.2412	2.83817	0.206092	1
cg04245726	0.292585	0.869078	-1.15064	0.166403	0.827266	-1.2088	10.0246	2.62207	0.232502	1
cg15546282	0.185419	1.37255	1.37255	0.0892532	0.655357	-1.52589	9.66424	7.78347	0.715901	1
cg11956108	0.32886	0.754193	-1.32592	0.0627753	0.556494	-1.79696	9.62889	11.9505	1.10321	1
cg01748832	0.159069	0.769596	-1.29938	0.704345	1.06859	1.06859	9.56761	4.58807	0.42626	1
cg27587063	0.192126	0.64811	-1.54295	0.0268426	0.438794	-2.27898	9.18464	14.3533	1.38911	1
cg03950120	0.419707	0.79145	-1.2635	0.0545635	0.538659	-1.85646	8.60949	10.9737	1.13298	1
cg26801936	0.791324	1.04916	1.04916	0.492804	1.13434	1.13434	7.10007	3.6827	0.461053	1
cg26067203	0.192659	0.765238	-1.30678	0.337098	0.825263	-1.21173	7.06931	4.2163	0.530154	1
cg05700129	0.0614622	0.771962	-1.2954	0.0475716	1.32097	1.32097	6.66042	1.59194	0.212458	1
cg22619719	0.510699	0.901335	-1.10947	0.178653	0.799255	-1.25117	7.54036	2.82187	0.291072	1
cg11254952	0.923855	0.986797	-1.01338	0.506464	0.910543	-1.09825	6.53234	1.99975	0.272116	1
cg02697258	0.421862	1.16886	1.16886	0.569484	0.896443	-1.11552	6.43645	3.68636	0.509094	1
cg15151929	0.195613	1.44562	1.44562	0.343237	0.768805	-1.30072	6.38203	7.32877	1.02075	1
cg18163909	0.105483	2.96061	2.96061	0.605225	1.37714	1.37714	5.65338	33.722	5.30217	1
cg17016101	0.241037	0.641392	-1.55911	0.124133	0.54743	-1.82672	5.64205	11.7004	1.84336	1
cg05035280	0.385052	0.691201	-1.44676	0.17613	0.55076	-1.81567	5.33831	14.5408	2.42121	1
cg16813854	0.00652552	2.27562	2.27562	0.340991	1.25643	1.25643	5.29631	4.53961	0.761891	1
cg26424079	0.00550717	0.618296	-1.61735	0.386185	1.12417	1.12417	4.7415	1.30375	0.244415	1
cg01799930	0.00697586	0.0604833	-16.5335	0.0559776	0.175465	-5.69915	4.55851	46.6535	9.09723	1
cg10623290	0.472146	1.22718	1.22718	0.509838	0.829321	-1.20581	4.42634	5.4931	1.10311	1
cg11528033	0.067145	1.50152	1.50152	0.866499	0.967218	-1.03389	4.40336	2.73699	0.552504	1
cg11946378	0.634109	1.1174	1.1174	0.176174	0.716829	-1.39503	4.24563	3.60365	0.754481	1
cg07105421	0.590455	0.7835	-1.27632	0.113138	0.46103	-2.16905	4.2424	13.5502	2.83909	1
cg22792177	0.715172	0.865622	-1.15524	0.313177	0.663151	-1.50795	4.15666	10.2064	2.18261	1
cg04852972	0.354227	1.41165	1.41165	0.521708	1.26479	1.26479	3.83118	7.93902	1.84197	1
cg14598619	0.308078	0.886866	-1.12757	0.699424	1.04514	1.04514	3.81075	0.781624	0.18232	1
cg03771099	0.178025	1.3637	1.3637	0.711839	1.08374	1.08374	3.70847	2.75915	0.661346	1
cg13168877	0.343453	0.827448	-1.20853	0.215068	0.776258	-1.28823	3.56248	2.12517	0.530259	1
cg05264578	0.544579	0.9421	-1.06146	0.455756	1.07668	1.07668	3.43782	0.515031	0.133168	1
cg26430560	0.241176	0.584944	-1.70956	0.0778842	0.424729	-2.35444	3.42463	10.3605	2.68915	1
cg06123252	0.0150475	0.386648	-2.58633	0.342287	0.732607	-1.36499	3.40894	5.45965	1.42361	1
cg12035532	0.124827	0.539166	-1.85472	0.988447	0.994632	-1.0054	3.40576	7.45582	1.94594	1
cg04624458	0.753121	1.02993	1.02993	0.837857	1.01934	1.01934	3.39864	0.470254	0.122991	1
cg02379107	0.0418723	0.322126	-3.10437	0.296174	1.68746	1.68746	4.35971	16.1101	3.28464	1
cg25257903	0.92226	1.01825	1.01825	0.357818	1.19154	1.19154	3.71227	2.01932	0.483519	1
cg00992521	0.674824	0.931159	-1.07393	0.091056	0.730053	-1.36976	3.68694	1.66851	0.402264	1
cg13134607	0.234154	0.892511	-1.12043	0.103397	1.17634	1.17634	9.0779	1.19524	0.117036	1
cg13517516	0.0163431	1.29092	1.29092	0.151127	0.874743	-1.14319	3.86638	0.463385	0.106533	1
cg07117596	0.147982	0.383746	-2.60589	0.0305544	0.208398	-4.79852	5.65542	34.1106	5.36132	1
cg09115440	0.378239	0.697599	-1.43349	0.484019	1.3275	1.3275	5.04777	12.6845	2.23368	1
cg00180559	0.835819	0.931904	-1.07307	0.231901	0.653053	-1.53127	4.44364	8.12814	1.62592	1
cg24041637	0.00132262	5.5394	5.5394	0.870523	0.941968	-1.06161	4.42854	9.42074	1.89091	1
cg20249584	0.0918997	3.09932	3.09932	0.315754	0.531345	-1.88202	4.40053	25.9012	5.23194	1
cg05477024	0.057926	1.73148	1.73148	0.324539	0.770633	-1.29763	4.2731	4.43837	0.923269	1
cg04126810	0.0137156	3.92595	3.92595	0.746562	0.864578	-1.15663	4.04099	12.8882	2.835	1
cg16964809	0.77559	0.962484	-1.03898	0.628473	1.06741	1.06741	3.67077	1.04059	0.251982	1
cg27313012	0.729734	0.91468	-1.09328	0.767509	0.9266	-1.07921	3.57764	3.7466	0.930867	1
cg06615378	0.484433	1.08443	1.08443	0.0573032	0.782456	-1.27803	15.0432	3.10067	0.183215	1
cg14220081	0.813545	1.05236	1.05236	0.0995214	1.47695	1.47695	10.9021	8.05657	0.65688	1
cg15100231	0.565938	0.932833	-1.072	0.992549	1.00112	1.00112	3.85502	0.876574	0.20212	1
cg15814675	0.978716	0.995992	-1.00402	0.938279	0.988409	-1.01173	3.4055	1.22237	0.319058	1
cg24532523	0.44268	1.20141	1.20141	0.192414	1.38186	1.38186	5.61881	4.89054	0.773677	1
cg20843052	0.00291122	1.5086	1.5086	0.111252	1.19048	1.19048	7.84027	1.2542	0.142195	1
cg02159586	0.262717	1.24039	1.24039	0.999668	0.999923	-1.00008	4.775	2.57384	0.479132	1
cg19770944	0.273614	1.16943	1.16943	0.201624	1.20352	1.20352	4.46385	1.33436	0.265712	1
cg16887385	0.13965	0.750407	-1.33261	0.791609	1.049	1.049	4.45342	2.30178	0.459428	1
cg17451422	0.699574	0.949623	-1.05305	0.0624915	0.756183	-1.32243	4.01966	1.13127	0.250164	1
cg08484984	0.706748	0.902489	-1.10805	0.62851	0.876039	-1.1415	3.82067	4.45893	1.03738	1
cg13484946	0.731505	1.06353	1.06353	0.432759	1.15393	1.15393	3.60863	1.82793	0.450262	1
cg12336693	0.962545	0.992223	-1.00784	0.534216	1.11034	1.11034	3.39425	1.48596	0.389143	1
cg07593570	0.00327413	0.602485	-1.65979	0.0459229	0.748846	-1.33539	27.6538	6.99917	0.224977	1
cg26272248	3.89E-05	3.85201	3.85201	0.299267	1.20215	1.20215	20.6131	9.56207	0.412341	1
cg06927220	0.805213	1.04676	1.04676	0.0420352	0.648353	-1.54237	13.9593	7.56312	0.481599	1
cg19978055	6.34E-05	4.57783	4.57783	0.654616	1.09752	1.09752	13.31	9.00299	0.60125	1
cg01423393	0.0039032	3.92083	3.92083	0.356127	1.39625	1.39625	8.2538	16.1666	1.74105	1
cg11202914	0.363077	0.737162	-1.35655	0.0405902	0.46237	-2.16277	8.12134	13.6891	1.49829	1
cg18925846	0.0893071	2.00168	2.00168	0.28117	1.51423	1.51423	3.58787	7.79674	1.93163	1
cg12222423	0.608626	0.859859	-1.16298	0.936389	0.976934	-1.02361	3.51863	4.76323	1.20331	1
cg12297774	0.000196312	0.333735	-2.99639	0.000945096	0.42139	-2.3731	36.873	17.942	0.432524	1
cg05920602	0.0285704	2.04155	2.04155	0.0830138	0.588442	-1.6994	18.1094	21.8925	1.07458	1
cg11769349	0.773894	1.1267	1.1267	0.00647282	0.230835	-4.33209	13.7852	37.4465	2.41461	1
cg09982671	0.601874	0.933109	-1.07169	0.00876183	0.644583	-1.55139	10.7188	2.93689	0.24355	1
cg13724248	0.604388	0.900434	-1.11058	0.0558711	0.647491	-1.54442	5.33889	3.40457	0.566838	1
cg19251962	0.5992	1.30017	1.30017	0.253848	0.554432	-1.80365	4.24193	16.4601	3.44918	1
cg09652472	0.54141	0.736491	-1.35779	0.0702498	0.367436	-2.72156	3.68655	14.292	3.44604	1
cg04646809	0.900075	1.04807	1.04807	0.267891	0.649666	-1.53925	9.16352	20.2687	1.96612	1
cg08708735	0.102434	1.10006	1.10006	0.124112	1.09292	1.09292	40.6625	1.83365	0.0400838	1
cg23910392	0.000503599	0.241854	-4.13472	0.0339246	0.524012	-1.90835	12.4706	13.4531	0.958923	1
cg11549975	0.44709	0.91855	-1.08867	0.063179	1.25748	1.25748	9.46293	1.80154	0.169226	1
cg15219685	0.00967166	0.223499	-4.47428	0.100939	0.439488	-2.27537	5.13985	17.0496	2.94857	1
cg00587628	0.257765	0.900909	-1.10999	0.0665556	0.833781	-1.19936	4.87061	0.602276	0.109916	1
cg06640254	0.411307	0.545922	-1.83176	0.0424443	0.185703	-5.38493	4.49471	36.9517	7.30769	1
cg03695699	0.0442644	0.794526	-1.25861	0.514212	1.06806	1.06806	3.89008	0.610452	0.139489	1
cg04337628	0.111589	2.03289	2.03289	0.161519	1.84426	1.84426	4.67504	12.4099	2.35956	1
cg10084289	0.00166818	2.07689	2.07689	0.212899	0.807965	-1.23768	4.23303	1.77134	0.371961	1
cg10426318	0.0300208	1.68693	1.68693	0.396274	0.836964	-1.19479	21.2673	14.1376	0.590898	1
cg07939503	0.803865	1.05843	1.05843	0.00208231	0.372042	-2.68787	12.2426	10.0972	0.733118	1
cg24475275	0.64348	1.16482	1.16482	0.0282363	0.428263	-2.33501	10.786	18.3042	1.50847	1
cg06462220	0.00173319	2.33256	2.33256	0.577096	1.1127	1.1127	9.1778	5.22334	0.505891	1
cg09374772	0.0365688	0.418877	-2.38734	0.0269945	0.391406	-2.55489	7.91372	16.0801	1.80616	1
cg11288144	0.238207	1.70044	1.70044	0.00791225	0.231385	-4.3218	7.80558	22.8277	2.59959	1
cg13054640	0.131998	1.43148	1.43148	0.000883734	3.00266	3.00266	7.29661	5.62602	0.685373	1
cg00587922	0.0258888	0.34725	-2.87977	0.00970528	0.270268	-3.70003	7.19614	18.2257	2.25129	1
cg22413056	0.752737	1.1225	1.1225	0.0248792	0.376737	-2.65437	6.90427	14.6184	1.88204	1
cg06861519	0.00580718	1.97131	1.97131	0.770294	0.946485	-1.05654	6.39112	3.57185	0.496779	1
cg03193893	0.0443415	1.42574	1.42574	0.529392	0.906786	-1.1028	6.30023	2.35324	0.332015	1
cg26683639	0.233842	1.49484	1.49484	0.733527	0.895774	-1.11635	6.2127	10.2086	1.46061	1
cg10098021	0.225098	1.83553	1.83553	0.922247	0.95453	-1.04764	4.56095	16.4133	3.19881	1
cg08887400	0.399051	0.548362	-1.82361	0.611542	0.700175	-1.42821	4.25435	32.6309	6.81779	1
cg23167351	0.2771	0.638242	-1.5668	0.0430159	0.396539	-2.52182	4.1628	10.4039	2.22157	1
cg13036352	0.0735049	0.341366	-2.92941	0.0640325	0.325921	-3.06823	4.1209	18.9358	4.08449	1
cg11736020	0.125951	0.486693	-2.05468	0.0688206	0.412435	-2.42462	4.11067	12.3142	2.66282	1
cg17476701	0.0431001	0.185755	-5.38343	0.0425013	0.184591	-5.41737	4.08786	33.8713	7.36518	1
cg01449469	0.117532	1.29314	1.29314	0.331782	0.859488	-1.16348	3.96265	1.43519	0.321937	1
cg18586886	0.470591	0.552867	-1.80875	0.684387	0.718947	-1.39092	3.92416	40.5168	9.17773	1
cg03953626	0.607315	0.643609	-1.55374	0.77116	0.780416	-1.28137	3.82033	43.7253	10.1737	1
cg10380362	0.0181468	3.38055	3.38055	0.0285991	2.99368	2.99368	3.68864	10.5304	2.53762	1
cg13357602	0.172732	0.609074	-1.64184	0.647879	0.854604	-1.17013	3.61833	6.69056	1.64362	1
cg13426098	0.248769	0.950871	-1.05167	0.000667776	1.24307	1.24307	19.8029	0.54764	0.0245818	1
cg01568521	0.922359	1.009	1.009	0.189926	0.880234	-1.13606	12.9921	1.73731	0.118862	1
cg08052856	0.232129	1.13563	1.13563	0.000297364	0.550084	-1.8179	11.5907	1.89106	0.145025	1
cg08752994	0.0371112	0.582879	-1.71562	0.141751	0.703037	-1.4224	5.64202	4.44463	0.700243	1
cg17438419	0.534304	1.19839	1.19839	0.223943	0.692549	-1.44394	4.44312	5.81854	1.16405	1
cg19504658	0.938763	0.985465	-1.01475	0.237802	1.26573	1.26573	3.68222	1.88241	0.511216	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08477599	KIAA1949;KIAA1949;KIAA1949	0.0489232	0.564263	1.13477	1.13477	0.0680597	1.55778	1.55778	0.220467	1.3224	1.3224	0.758941	0.93541	-1.06905	0.0829843	1.5165	1.5165
cg14540739	KIAA1958	0.000219149	6.86E-05	0.134445	-7.438	0.0417289	0.523601	-1.90985	0.141455	0.646721	-1.54626	0.610967	0.868136	-1.15189	3.24E-05	0.107832	-9.2737
cg03345938	KIAA1958	0.01475	0.00859576	0.363332	-2.7523	0.840223	1.06288	1.06288	0.847103	1.06005	1.06005	0.0522238	0.513228	-1.94845	0.0173519	0.416749	-2.39953
cg16266672	KIAA1967;C8orf58;KIAA1967	0.0094842	0.961533	0.989347	-1.01077	0.0546697	1.62256	1.62256	0.524085	0.866438	-1.15415	0.583167	1.13096	1.13096	0.0636499	0.629383	-1.58886
cg26818792	KIAA1967;KIAA1967	0.0143138	0.62398	0.900393	-1.11063	0.956198	1.01173	1.01173	0.00218485	0.401448	-2.49099	0.00372736	0.43523	-2.29764	0.54089	0.876818	-1.14049
cg17182503	KIAA1967;KIAA1967	0.0266048	0.924747	1.00739	1.00739	0.0236781	1.23443	1.23443	0.466684	0.94388	-1.05946	0.616051	1.04021	1.04021	0.00451227	1.34331	1.34331
cg18811789	KIAA1967;KIAA1967	0.0283124	0.178946	1.15939	1.15939	0.225521	1.14093	1.14093	0.450917	0.923517	-1.08282	0.421656	1.08875	1.08875	0.666711	1.0459	1.0459
cg20382089	KIAA1967;KIAA1967;KIAA1967	0.0217491	0.000897727	0.472065	-2.11835	0.884522	1.02219	1.02219	0.798435	0.962093	-1.0394	0.153247	1.25979	1.25979	0.0747615	0.741018	-1.34949
cg19795898	KIAA1984	0.000168066	0.00308077	0.496202	-2.01531	0.00523411	1.89111	1.89111	0.0043618	0.517491	-1.9324	0.0849185	1.39035	1.39035	9.93E-05	0.302713	-3.30346
cg14310606	KIAA1984	0.00336364	0.00129324	0.184861	-5.40948	0.968205	1.01446	1.01446	0.454839	0.760238	-1.31538	0.436579	0.751417	-1.33082	0.000589331	0.147833	-6.76437
cg01152052	KIAA1984	0.00468531	0.00513198	0.321421	-3.11119	0.0256158	0.443038	-2.25714	0.0013234	0.238365	-4.19524	0.223551	0.67529	-1.48085	0.00507246	0.320637	-3.11879
cg00577189	KIAA1984	0.0129989	0.958591	1.00843	1.00843	0.0725356	0.723233	-1.38268	0.242502	1.21872	1.21872	0.871243	1.02658	1.02658	0.0578899	0.706999	-1.41443
cg02232542	KIAA1984	0.0293065	0.0372821	0.551577	-1.81298	0.024091	0.515768	-1.93886	0.203749	0.718817	-1.39117	0.565735	1.15361	1.15361	0.143051	0.67883	-1.47312
cg25591036	KIAA1984	0.0463095	0.322445	0.892243	-1.12077	0.167601	0.848674	-1.17831	0.0326373	1.32169	1.32169	0.458654	1.08782	1.08782	0.154845	1.18513	1.18513
cg14531840	KIAA2013	0.0113574	0.511984	0.74433	-1.34349	0.00532542	5.10426	5.10426	0.0398032	2.87245	2.87245	0.0232792	0.300031	-3.33299	0.0817557	0.424705	-2.35458
cg11244795	KIAA2013	0.0239192	0.00994085	1.24111	1.24111	0.0400912	1.17043	1.17043	0.028007	0.841808	-1.18792	0.838008	1.01367	1.01367	0.0286853	0.842644	-1.18674
cg06707403	KIAA2013	0.0338561	0.719096	1.03035	1.03035	0.0358569	1.22403	1.22403	0.0251549	1.24667	1.24667	0.544817	1.05205	1.05205	0.232923	1.10911	1.10911
cg01005303	KIAA2013	0.0385352	0.0995442	0.310415	-3.22149	0.0696002	0.268437	-3.72527	0.290513	0.491221	-2.03574	0.944807	1.04589	1.04589	0.0346683	0.202734	-4.93257
cg11345438	KIAA2013;KIAA2013	0.00114089	0.256677	1.10848	1.10848	0.546234	0.948262	-1.05456	0.87999	1.01323	1.01323	0.0126188	1.30969	1.30969	0.415396	1.07511	1.07511
cg01061626	KIAA2013;KIAA2013	0.0139054	0.254232	1.128	1.128	0.9228	1.00985	1.00985	0.769519	1.03017	1.03017	0.128302	1.18095	1.18095	0.243912	1.13127	1.13127
cg00395951	KIAA2018	0.000986345	0.204441	0.749001	-1.33511	0.0286132	0.572734	-1.74601	0.409025	0.833399	-1.1999	0.926536	0.980293	-1.0201	0.0255037	0.563901	-1.77336
cg07969785	KIAA2018	0.00972185	0.00360332	0.625986	-1.59748	0.167641	0.839614	-1.19102	0.076099	1.26441	1.26441	0.779929	0.967254	-1.03385	0.945669	1.00813	1.00813
cg09471833	KIAA2018	0.00993926	0.158899	0.813265	-1.22961	0.171087	1.22147	1.22147	0.206744	1.20057	1.20057	0.135837	0.802006	-1.24687	0.00121361	0.521937	-1.91594
cg13211324	KIAA2018	0.0108082	0.90795	1.02869	1.02869	0.229519	1.36123	1.36123	0.648631	1.11874	1.11874	0.385488	1.2431	1.2431	0.000241633	0.226434	-4.4163
cg24599037	KIAA2018	0.0194136	0.0841833	2.09664	2.09664	0.136604	0.538598	-1.85667	0.0290455	0.365184	-2.73835	0.940007	0.971698	-1.02913	0.00149433	0.156378	-6.39476
cg18974084	KIAA2022	0.00155166	0.378455	0.779912	-1.2822	0.0268865	0.486229	-2.05664	0.00881	0.399532	-2.50293	0.366116	1.29101	1.29101	0.000262302	0.191981	-5.20885
cg23137005	KIAA2022	0.0056689	0.0372565	1.95147	1.95147	0.00250467	0.313143	-3.19343	0.0138118	0.431068	-2.31982	0.0702466	1.74996	1.74996	0.00261893	0.31593	-3.16526
cg02671603	KIAA2022	0.0320365	0.250127	0.66137	-1.51201	0.675883	1.15563	1.15563	0.244408	0.657748	-1.52034	0.600079	0.833608	-1.1996	0.00219663	0.228287	-4.38045
cg25608569	KIAA2026	0.00154515	0.00151235	2.05684	2.05684	0.0776784	1.36269	1.36269	0.669327	1.07015	1.07015	0.0470614	1.43141	1.43141	0.00328575	1.88166	1.88166
cg14217960	KIAA2026	0.00288762	0.0140779	0.393036	-2.5443	0.0286329	2.21562	2.21562	0.0243003	2.2869	2.2869	0.266694	0.70008	-1.42841	0.000650942	0.199739	-5.00653
cg13930177	KIAA2026	0.0141884	0.0413454	0.305264	-3.27585	0.00777651	0.178464	-5.60338	0.616877	0.775424	-1.28962	0.151931	0.46116	-2.16845	0.00100442	0.0852467	-11.7307
cg26426395	KIDINS220	0.000693438	0.000345555	0.269919	-3.70482	0.358798	0.80685	-1.23939	0.000485652	0.288262	-3.46906	0.00232574	0.380147	-2.63056	0.000553458	0.295461	-3.38454
cg08955006	KIDINS220	0.00179535	0.963581	0.9921	-1.00796	0.017997	1.64747	1.64747	0.0175765	1.65177	1.65177	0.675841	1.07578	1.07578	6.40E-05	0.278945	-3.58493
cg06715977	KIDINS220	0.0047657	0.579406	1.07893	1.07893	0.000370984	2.1663	2.1663	0.344694	0.876281	-1.14119	0.965535	0.994154	-1.00588	0.244916	0.847852	-1.17945
cg00016783	KIDINS220	0.00791559	0.655929	1.11268	1.11268	0.850996	0.956213	-1.04579	0.0268328	0.535576	-1.86715	0.197065	1.38361	1.38361	0.21227	0.731382	-1.36727
cg27380631	KIDINS220	0.00995892	0.216822	1.38083	1.38083	0.455737	0.828085	-1.20761	0.622019	0.883917	-1.13133	0.293137	1.31101	1.31101	0.000411825	0.248461	-4.02478
ch.2.240376F	KIDINS220	0.0105849	0.444576	1.19446	1.19446	0.00116552	2.96548	2.96548	0.226068	1.3362	1.3362	0.686289	0.911577	-1.097	0.726855	0.923154	-1.08324
cg16517634	KIDINS220	0.0111444	0.724285	0.937004	-1.06723	0.00801419	1.86681	1.86681	0.235456	1.25664	1.25664	0.696171	0.930439	-1.07476	0.745763	1.06159	1.06159
cg01885559	KIDINS220	0.0139671	0.161058	0.728202	-1.37325	0.0991233	1.46677	1.46677	0.0894904	1.4869	1.4869	0.993384	0.998245	-1.00176	0.342305	0.812768	-1.23036
cg23977002	KIDINS220	0.0229543	0.176169	1.44352	1.44352	0.604129	1.14284	1.14284	0.196696	1.41683	1.41683	0.12428	1.52933	1.52933	0.00143726	0.308437	-3.24216
cg02639181	KIDINS220	0.0422804	0.561887	0.66967	-1.49327	0.0202394	6.78177	6.78177	0.910165	0.925734	-1.08022	0.0266186	6.02823	6.02823	0.145508	0.343498	-2.91123
ch.10.1963761F	KIF11	8.44E-06	0.206536	0.971878	-1.02894	0.169149	0.969124	-1.03186	2.34E-07	0.717494	-1.39374	0.905189	1.00255	1.00255	0.000100608	0.862755	-1.15908
cg11150664	KIF11	4.69E-05	0.00949417	0.434553	-2.30122	2.84E-06	17.1715	17.1715	0.0940511	0.62693	-1.59507	0.0916902	0.624393	-1.60156	0.00016071	0.19498	-5.12874
cg26202575	KIF11	0.00351484	0.18656	0.685779	-1.4582	4.54E-05	7.985	7.985	0.101483	1.62098	1.62098	0.410165	1.2547	1.2547	0.116556	1.58309	1.58309
cg07673866	KIF11	0.00614873	0.761304	0.947498	-1.05541	0.000191228	3.04198	3.04198	0.0786675	0.70772	-1.41299	0.0134252	1.71926	1.71926	0.270246	0.816111	-1.22532
cg08455454	KIF11	0.00924637	?	?	?	0.228186	1.90261	1.90261	0.00291984	0.0988949	-10.1117	0.939209	1.03885	1.03885	?	?	?
cg05302035	KIF11	0.0121463	0.0257359	0.41649	-2.40102	0.139475	0.591028	-1.69197	0.206681	0.643769	-1.55335	0.0233023	0.40799	-2.45104	0.941514	1.02456	1.02456
cg18863837	KIF11	0.0165582	0.571603	0.939225	-1.06471	0.0366569	1.30512	1.30512	0.997651	1.00032	1.00032	0.668532	0.953856	-1.04838	0.0154353	0.721831	-1.38537
cg12692187	KIF11	0.0278117	0.778093	0.947842	-1.05503	0.427083	0.857486	-1.1662	0.41881	0.855015	-1.16957	0.731973	1.06736	1.06736	0.813089	0.956083	-1.04593
cg00519463	KIF11	0.0309955	0.181634	1.58022	1.58022	0.953259	1.0191	1.0191	0.314858	1.39849	1.39849	0.931452	1.02815	1.02815	0.00522473	3.28391	3.28391
cg04344917	KIF11	0.03505	0.0508665	0.274148	-3.64767	0.00653543	7.81214	7.81214	0.129843	0.385988	-2.59075	0.301504	1.86409	1.86409	0.358234	0.577161	-1.73262
cg14326196	KIF12	6.07E-05	0.533243	1.32302	1.32302	0.654424	1.22122	1.22122	0.609953	0.795951	-1.25636	0.165626	1.92685	1.92685	0.903873	0.947819	-1.05505
cg13426307	KIF12	0.0030225	0.154746	0.716565	-1.39555	0.3903	1.21244	1.21244	0.00238048	2.52664	2.52664	0.227372	0.757812	-1.31959	0.372328	0.818375	-1.22193
cg13977320	KIF12	0.0181965	0.478695	1.16231	1.16231	0.0483946	0.624363	-1.60163	0.00150963	0.384941	-2.5978	0.525628	1.14376	1.14376	0.858994	1.03784	1.03784
cg21194807	KIF12	0.0240288	0.628155	0.820215	-1.21919	0.365979	0.685796	-1.45816	0.0717193	0.441962	-2.26264	0.0862131	0.463107	-2.15933	0.0236806	0.333937	-2.99458
cg10091458	KIF12	0.0496733	0.129379	0.53729	-1.86119	0.0195654	0.343153	-2.91415	0.728409	1.14129	1.14129	0.114857	0.522028	-1.91561	0.00399583	0.230671	-4.33518
cg25700513	KIF13A;KIF13A;KIF13A;KIF13A	2.64E-05	0.00638698	0.699506	-1.42958	0.102594	0.835379	-1.19706	0.876881	1.01573	1.01573	0.00298153	0.663455	-1.50726	2.22E-06	0.311632	-3.20891
cg20070618	KIF13A;KIF13A;KIF13A;KIF13A	0.0077437	0.0318342	0.494165	-2.02362	0.053123	0.540264	-1.85095	0.0391814	0.512391	-1.95163	0.0238108	2.12931	2.12931	0.00239242	0.30552	-3.27311
cg18493214	KIF13A;KIF13A;KIF13A;KIF13A	0.00895579	0.0182456	0.452368	-2.21059	0.061067	0.557466	-1.79383	0.113296	0.620601	-1.61134	0.0189031	0.455187	-2.1969	0.00583134	0.368093	-2.7167
cg00980293	KIF13A;KIF13A;KIF13A;KIF13A	0.0147447	0.607415	0.861414	-1.16088	0.850003	1.05601	1.05601	0.988846	1.00403	1.00403	0.200393	0.677494	-1.47603	0.000387542	0.196087	-5.09977
cg08248579	KIF13A;KIF13A;KIF13A;KIF13A	0.0167513	0.0333859	0.120292	-8.31309	0.0612791	0.165906	-6.0275	0.618472	1.53372	1.53372	0.408247	0.486475	-2.0556	0.00492897	0.0418906	-23.8717
cg01426125	KIF13A;KIF13A;KIF13A;KIF13A	0.0248835	0.511751	1.26431	1.26431	0.0387788	2.3241	2.3241	0.163918	0.592438	-1.68794	0.0536859	2.16438	2.16438	0.52498	1.25486	1.25486
cg21039878	KIF13A;KIF13A;KIF13A;KIF13A	0.0402781	0.000900059	0.192128	-5.20486	0.507813	0.80007	-1.24989	0.64345	0.856627	-1.16737	0.533313	0.811013	-1.23303	0.101699	0.55165	-1.81274
cg03089870	KIF13A;KIF13A;KIF13A;KIF13A	0.0409757	0.022341	0.228057	-4.38488	0.122646	0.405255	-2.46758	0.854403	1.10427	1.10427	0.129422	0.412854	-2.42216	0.0206089	0.221877	-4.507
cg00069309	KIF13A;KIF13A;KIF13A;KIF13A	0.0454732	0.41641	1.26922	1.26922	0.0169455	0.433453	-2.30705	0.161354	0.650944	-1.53623	0.425973	1.26281	1.26281	0.149304	1.55867	1.55867
cg07058086	KIF13B	5.87E-05	0.833405	1.04681	1.04681	3.78E-05	5.57287	5.57287	0.00733086	2.11874	2.11874	0.588964	1.12579	1.12579	0.73718	1.0759	1.0759
cg10641504	KIF13B	0.00286841	0.472518	0.919062	-1.08807	0.0104448	1.45117	1.45117	0.798197	0.970839	-1.03004	0.692909	0.955188	-1.04691	0.467423	1.08916	1.08916
cg16144590	KIF13B	0.00687691	0.394726	0.848518	-1.17852	0.356694	1.19559	1.19559	0.0531818	0.661026	-1.5128	0.935093	0.984769	-1.01547	9.39E-05	0.269241	-3.71415
cg09888753	KIF13B	0.0109444	0.745217	0.938084	-1.066	0.0284737	1.65998	1.65998	0.00923058	0.523207	-1.91129	0.724012	0.932864	-1.07197	0.00606175	0.495314	-2.01892
cg05196487	KIF13B	0.0217674	0.100379	1.5754	1.5754	0.0600525	1.70855	1.70855	0.354141	1.27216	1.27216	0.0541261	1.73663	1.73663	0.00760442	0.420322	-2.37913
cg12508856	KIF13B	0.0232633	0.542567	0.891453	-1.12176	0.0338158	0.630051	-1.58717	0.956063	1.01032	1.01032	0.016418	0.578877	-1.72748	0.0802339	0.696446	-1.43586
cg10220156	KIF13B	0.0244221	0.0835428	0.693868	-1.4412	0.215065	1.28276	1.28276	0.549743	1.12241	1.12241	0.177159	0.76056	-1.31482	0.104296	0.712599	-1.40331
cg19888654	KIF13B	0.0294636	0.271699	1.38831	1.38831	0.00681024	2.73264	2.73264	0.0432884	1.94747	1.94747	0.198316	0.677182	-1.47671	0.0648577	1.81214	1.81214
cg07563765	KIF13B	0.0343894	0.258865	1.30456	1.30456	0.00243119	2.59221	2.59221	0.0379498	1.72134	1.72134	0.318654	0.792459	-1.2619	0.159705	1.40368	1.40368
cg16316695	KIF13B	0.0375892	0.317229	0.754191	-1.32592	0.0394643	1.91546	1.91546	0.0950336	1.64962	1.64962	0.646928	0.881759	-1.1341	0.497565	0.82869	-1.20672
cg09690373	KIF13B	0.0440708	0.776048	0.900249	-1.1108	0.594053	1.21921	1.21921	0.721888	1.14074	1.14074	0.610174	1.20858	1.20858	0.0236525	2.70583	2.70583
cg19780614	KIF13B	0.0482009	0.0973916	3.93936	3.93936	0.0434217	5.75818	5.75818	0.213851	2.6818	2.6818	0.0922991	4.04103	4.04103	0.0535754	5.21885	5.21885
cg00754027	KIF14	0.00304258	0.156062	0.630609	-1.58577	0.73082	1.11063	1.11063	0.615939	0.857558	-1.1661	0.00029563	5.99403	5.99403	0.268326	0.704469	-1.41951
cg13460439	KIF14	0.00660714	0.702697	0.879611	-1.13687	0.0277046	0.418728	-2.38819	0.0681433	0.504976	-1.98029	0.825665	0.928867	-1.07658	0.000184425	0.120825	-8.27643
cg26898266	KIF14	0.00826521	0.0616334	0.65822	-1.51925	0.37918	1.1963	1.1963	0.574284	0.893364	-1.11937	0.369623	0.832727	-1.20087	0.538044	1.13186	1.13186
cg11721610	KIF14	0.0379394	0.0434316	0.261727	-3.82077	0.618907	0.748707	-1.33564	0.109953	0.365829	-2.73351	0.115113	0.372032	-2.68794	0.00631187	0.128368	-7.7901
cg10097105	KIF14	0.0468024	0.587091	1.13485	1.13485	0.0324918	0.561334	-1.78147	0.00530652	0.428441	-2.33404	0.0414256	1.72043	1.72043	0.667258	1.10493	1.10493
cg09053247	KIF15;KIAA1143	0.000377929	0.00684349	3.09701	3.09701	0.334243	1.37908	1.37908	0.182552	1.5786	1.5786	0.111303	1.75034	1.75034	0.000116733	0.113213	-8.83291
cg17546649	KIF15;KIAA1143	0.00775435	0.0984779	1.99884	1.99884	0.00278243	0.20679	-4.83581	0.614987	0.823794	-1.2139	0.0685298	0.4587	-2.18007	0.00535055	0.246074	-4.06381
cg26151597	KIF15;KIAA1143	0.0237904	0.525408	1.15816	1.15816	0.255481	1.31111	1.31111	0.692306	0.913241	-1.095	0.013172	2.0164	2.0164	0.00413037	0.415801	-2.405
cg19759251	KIF15;KIAA1143;KIAA1143	0.024907	0.00380671	2.57189	2.57189	0.0702732	0.61276	-1.63196	0.292607	0.767753	-1.3025	0.993604	0.998062	-1.00194	0.283482	1.3096	1.3096
cg24604109	KIF15;KIF15;KIAA1143	0.0482467	0.871314	1.09737	1.09737	0.71967	1.22943	1.22943	0.20688	2.14452	2.14452	0.000989304	0.0604948	-16.5303	0.836211	0.888122	-1.12597
cg12685100	KIF16B	4.44E-07	0.24058	0.842793	-1.18653	0.358426	0.876813	-1.14049	0.630206	0.934701	-1.06986	0.121446	0.791569	-1.26331	0.0113169	0.64306	-1.55506
cg06390653	KIF16B	0.000124342	0.147815	0.897123	-1.11467	0.0146473	0.810481	-1.23384	0.00327137	0.755576	-1.32349	0.00177617	1.36494	1.36494	0.0393056	1.18142	1.18142
cg14406419	KIF16B	0.00259401	0.301839	1.32053	1.32053	0.32724	1.30066	1.30066	0.893971	1.03527	1.03527	0.741229	0.91747	-1.08995	0.0132785	0.450431	-2.2201
cg26272575	KIF16B	0.00966382	0.0195861	2.2161	2.2161	0.120445	0.621765	-1.60833	0.889977	0.961704	-1.03982	0.101566	0.603074	-1.65817	0.0610318	0.55122	-1.81416
cg04189665	KIF16B	0.012757	0.841147	1.05472	1.05472	0.00122639	0.284973	-3.5091	0.100493	0.620229	-1.61231	0.780723	1.0769	1.0769	0.190678	1.44466	1.44466
cg06644584	KIF16B	0.0352735	0.707135	0.944977	-1.05823	0.599096	1.08279	1.08279	0.951206	1.00922	1.00922	0.0266818	0.674505	-1.48257	0.0528661	1.39091	1.39091
cg09742751	KIF16B;KIF16B	0.00168516	?	?	?	?	?	?	0.0732806	2.50652	2.50652	0.000368045	16.3178	16.3178	?	?	?
cg00373020	KIF17;KIF17	3.98E-05	0.0408788	0.694362	-1.44017	0.0323106	1.47312	1.47312	0.00810975	0.592207	-1.6886	0.721133	1.05696	1.05696	1.17E-06	0.14291	-6.99743
cg09793172	KIF17;KIF17	6.17E-05	0.5463	1.19424	1.19424	0.000136007	6.81982	6.81982	0.000214494	6.03011	6.03011	0.00565475	2.87383	2.87383	9.56E-05	0.132755	-7.53266
cg07105891	KIF17;KIF17	0.000190369	0.00282457	1.44353	1.44353	0.0370158	0.805602	-1.24131	0.0784481	0.8399	-1.19062	0.622169	0.956635	-1.04533	0.330874	1.09368	1.09368
cg22527425	KIF17;KIF17	0.000914724	4.76E-05	0.137369	-7.27964	0.147916	0.668813	-1.49519	0.125171	0.650447	-1.5374	0.000608741	0.254412	-3.93064	0.00593669	0.393617	-2.54054
cg05129477	KIF17;KIF17	0.00325465	0.0016104	0.337381	-2.96401	0.930506	0.979263	-1.02118	0.00207199	0.352818	-2.83432	0.462263	1.19696	1.19696	0.00371916	0.390053	-2.56375
cg14035553	KIF17;KIF17	0.00392489	0.00525082	0.353551	-2.82844	0.0131209	0.419454	-2.38405	0.00180946	0.285673	-3.5005	0.000724963	0.234116	-4.27138	0.00520026	0.352895	-2.83371
cg15613048	KIF17;KIF17	0.00530993	0.770835	1.05133	1.05133	0.000525353	2.52448	2.52448	0.46238	1.13679	1.13679	0.624445	0.918918	-1.08824	0.00112032	0.439427	-2.27569
cg03626238	KIF17;KIF17	0.00691328	0.0060907	0.417453	-2.39548	0.0139533	0.476732	-2.09761	0.00219691	0.350812	-2.85053	0.154879	0.689757	-1.44979	0.000605814	0.275372	-3.63145
cg23677039	KIF17;KIF17	0.00903461	0.0647355	0.495203	-2.01938	0.945045	0.976917	-1.02363	0.780798	1.09911	1.09911	0.844907	1.0686	1.0686	0.00139996	0.208508	-4.79597
cg24730688	KIF17;KIF17	0.0111343	0.0225683	0.470807	-2.12401	0.0149451	0.438058	-2.2828	0.179443	0.674824	-1.48187	0.0109753	0.414663	-2.4116	0.00465744	0.354177	-2.82345
cg18878886	KIF17;KIF17	0.0128919	0.153414	0.605159	-1.65246	0.73315	0.893647	-1.11901	0.0140915	0.369483	-2.70648	0.815071	1.08002	1.08002	0.000660406	0.180174	-5.5502
cg05356564	KIF17;KIF17	0.0129095	0.0514697	0.674491	-1.4826	0.428309	0.866205	-1.15446	0.0353486	0.647095	-1.54537	0.898959	0.977689	-1.02282	0.00107131	0.423847	-2.35934
cg07158961	KIF17;KIF17	0.0370516	0.00836317	0.524276	-1.90739	0.0390948	1.5803	1.5803	0.583629	0.899357	-1.11191	0.142355	0.739162	-1.35288	0.0529782	0.656097	-1.52417
cg08890418	KIF17;KIF17	0.0380797	0.424608	1.32048	1.32048	0.222938	1.54744	1.54744	0.031684	2.36005	2.36005	0.361844	0.726481	-1.3765	0.0833948	0.520289	-1.92201
cg05653329	KIF17;KIF17	0.0386896	0.0300727	0.625412	-1.59895	0.380928	0.847613	-1.17978	0.00243345	0.460118	-2.17335	0.530573	0.889701	-1.12397	0.0105106	0.553049	-1.80816
cg12459000	KIF17;KIF17	0.0430387	0.0320856	0.327685	-3.05171	0.00676601	0.210179	-4.75785	0.0910167	0.437266	-2.28694	0.608739	0.795003	-1.25786	0.247946	0.584665	-1.71038
cg18486150	KIF17;KIF17	0.0466915	0.884169	0.956337	-1.04566	0.027258	2.22589	2.22589	0.750886	0.907063	-1.10246	0.275864	1.41503	1.41503	0.0156449	0.403518	-2.4782
cg00468091	KIF18A	0.000349809	0.559229	0.886202	-1.12841	0.00120042	0.378821	-2.63977	0.00785011	0.497646	-2.00946	0.63389	0.90651	-1.10313	0.0752671	0.66686	-1.49957
cg08967200	KIF18A;KIF18A;METT5D1;METT5D1	0.00992045	0.110719	1.30181	1.30181	0.0743755	1.35218	1.35218	0.11643	1.29551	1.29551	0.00307455	1.84974	1.84974	0.539113	1.09897	1.09897
cg17123029	KIF18B	0.000652009	0.583379	0.897144	-1.11465	0.000121504	3.72535	3.72535	0.117292	0.7165	-1.39567	0.0205373	1.7278	1.7278	0.10284	0.704885	-1.41867
cg03821557	KIF18B	0.00167777	0.00117745	0.141215	-7.08139	0.000500269	0.106576	-9.38299	0.00352378	0.196494	-5.0892	0.113088	0.492045	-2.03233	0.00126739	0.144526	-6.91919
cg04086388	KIF18B	0.0020758	0.00507397	0.747416	-1.33794	0.601249	0.959408	-1.04231	0.229765	0.905716	-1.1041	0.579321	1.04499	1.04499	0.377207	0.931267	-1.07381
cg17704343	KIF18B	0.00481922	0.00689557	0.53096	-1.88338	0.0763716	0.699881	-1.42881	0.068518	0.691358	-1.44643	0.51008	1.12856	1.12856	0.0904083	0.713397	-1.40174
cg26839961	KIF18B	0.0118077	0.015748	0.20539	-4.86878	0.0426375	0.286949	-3.48493	0.0408795	0.282963	-3.53403	0.821251	1.12868	1.12868	0.00303561	0.113885	-8.78075
cg06299568	KIF18B	0.0132365	?	?	?	0.310988	1.21935	1.21935	0.11116	1.38863	1.38863	0.715194	0.933017	-1.07179	0.0809738	0.693453	-1.44206
cg14823789	KIF19	1.57E-05	9.67E-06	0.252157	-3.96578	0.0586414	0.7342	-1.36203	0.00132029	0.508728	-1.96569	8.66E-05	0.360992	-2.77014	6.98E-05	0.349777	-2.85897
cg00627029	KIF19	0.00172428	0.00101051	0.101126	-9.88863	0.0328513	0.309585	-3.23013	0.0222101	0.275919	-3.62425	0.00675494	0.192165	-5.20386	0.674905	0.820249	-1.21914
cg18944047	KIF19	0.00380207	0.0857157	0.566891	-1.76401	0.000162273	6.84581	6.84581	0.145204	1.59596	1.59596	0.184365	0.656531	-1.52316	0.598965	0.853349	-1.17185
cg16709232	KIF19	0.00558683	0.145466	0.532824	-1.87679	0.00544243	4.36168	4.36168	0.519727	1.30062	1.30062	0.124755	0.512044	-1.95296	0.00560314	0.231099	-4.32716
cg17912283	KIF19	0.0159436	0.164151	1.77757	1.77757	0.0647134	2.23442	2.23442	0.44662	0.740375	-1.35067	0.537259	1.2739	1.2739	0.0580053	2.29412	2.29412
cg24432245	KIF19	0.0167068	0.079543	2.01419	2.01419	0.0258166	2.5917	2.5917	0.903186	0.957161	-1.04476	0.297417	1.47503	1.47503	0.102723	1.90102	1.90102
cg07138305	KIF19	0.0292327	0.273998	0.771578	-1.29605	0.011866	0.488923	-2.04531	0.915993	1.02433	1.02433	0.0263397	0.54876	-1.82229	0.0344859	0.570202	-1.75376
cg20467929	KIF19	0.034929	0.270292	0.568217	-1.75989	0.00953212	5.03765	5.03765	0.782155	1.14625	1.14625	0.865216	0.919744	-1.08726	0.00345675	0.141564	-7.06396
cg05571310	KIF19	0.046276	0.0208948	5.06398	5.06398	0.210498	2.1598	2.1598	0.204353	2.18505	2.18505	0.19675	2.21766	2.21766	0.127781	2.614	2.614
cg12505146	KIF19;KIF19	0.000216547	0.199071	0.721949	-1.38514	2.01E-05	7.93177	7.93177	0.800538	1.06267	1.06267	0.00768934	0.439399	-2.27583	0.00632324	0.425839	-2.34831
cg05116145	KIF1A	0.00235688	0.313054	1.16989	1.16989	0.000202331	0.391674	-2.55315	0.035437	1.44523	1.44523	0.0637131	1.36814	1.36814	0.430352	1.12867	1.12867
cg12511356	KIF1A	0.00679321	0.376843	1.33362	1.33362	0.132915	1.67316	1.67316	0.00321914	3.58322	3.58322	0.00872211	2.88903	2.88903	0.616003	1.17414	1.17414
cg12923745	KIF1A	0.00826379	0.426777	0.871739	-1.14713	0.142419	0.765877	-1.30569	0.016583	0.609574	-1.64049	0.349714	1.17684	1.17684	0.428239	1.14661	1.14661
cg08481873	KIF1A	0.00914763	0.973923	0.974311	-1.02637	0.668085	0.709328	-1.40979	0.518209	0.593612	-1.6846	0.811821	1.20912	1.20912	0.00561115	0.0552925	-18.0856
cg26084005	KIF1A	0.00921664	0.472661	0.838606	-1.19246	0.788202	0.937177	-1.06703	0.960197	0.988046	-1.0121	0.0191744	0.505149	-1.97961	0.141656	0.683319	-1.46344
cg14464401	KIF1A	0.0104066	0.597498	1.18169	1.18169	0.369412	0.749152	-1.33484	0.0208347	0.418332	-2.39045	0.320373	1.37946	1.37946	0.00417707	0.300432	-3.32854
cg21698294	KIF1A	0.013313	0.585244	0.933626	-1.07109	0.0914941	1.26061	1.26061	0.263497	1.15635	1.15635	0.0937934	0.794814	-1.25816	0.406284	0.899534	-1.11169
cg14662379	KIF1A	0.0138873	0.155384	0.809122	-1.23591	0.00532109	1.66796	1.66796	0.00849716	1.59674	1.59674	0.134098	1.25242	1.25242	0.4494	1.11336	1.11336
cg24090192	KIF1A	0.0144431	0.604184	1.09258	1.09258	0.0394707	0.668128	-1.49672	0.0126347	0.591602	-1.69032	0.0843329	0.723766	-1.38166	0.0130293	0.593591	-1.68466
cg04553960	KIF1A	0.014837	0.00444252	2.42009	2.42009	0.0540757	0.601038	-1.66379	0.85377	1.0439	1.0439	0.441818	1.20035	1.20035	0.0253383	0.538477	-1.85709
cg27378591	KIF1A	0.0248922	0.29819	1.6184	1.6184	0.00128847	8.11925	8.11925	0.00588288	4.99832	4.99832	0.235059	1.74303	1.74303	0.4665	0.718333	-1.39211
cg03342543	KIF1A	0.0250725	0.00350486	0.38006	-2.63116	0.168502	1.43111	1.43111	0.0263079	1.90343	1.90343	0.049191	1.73058	1.73058	0.252934	1.33869	1.33869
cg18388084	KIF1A	0.0336251	0.969618	0.993936	-1.0061	0.383699	1.15333	1.15333	0.212496	1.23333	1.23333	0.450799	1.13056	1.13056	0.663097	1.07252	1.07252

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08477599	0.534262	1.1463	1.1463	0.00561551	0.454446	-2.20048	0.255583	1.29364	1.29364	0.135555	1.41759	1.41759	3.41625	2.54605	0.662469	1
cg14540739	0.00204056	0.301683	-3.31474	0.000355893	0.205951	-4.85552	0.940506	1.02079	1.02079	0.000805988	0.248168	-4.02953	17.9209	21.5644	1.06961	1
cg03345938	0.0476115	0.504404	-1.98254	0.002321	0.276633	-3.6149	0.150197	0.627542	-1.59352	0.0109966	0.381454	-2.62155	5.20955	7.52966	1.28476	1
cg16266672	0.365836	0.813575	-1.22914	0.906021	1.02657	1.02657	0.000225207	0.256002	-3.90622	0.35968	0.811291	-1.2326	6.01138	4.69475	0.694201	1
cg26818792	0.216208	0.75853	-1.31834	0.041128	0.606287	-1.64938	0.00659555	0.472804	-2.11504	0.672124	1.09462	1.09462	5.26138	3.7579	0.634882	1
cg17182503	0.437632	1.06368	1.06368	0.137125	0.882623	-1.13299	0.0253705	1.23027	1.23027	0.034682	1.21168	1.21168	4.26365	0.410575	0.0855972	1
cg18811789	0.0135415	1.37236	1.37236	0.00655978	0.693675	-1.4416	0.397381	1.09391	1.09391	0.0672908	0.808647	-1.23663	4.17144	0.708856	0.15105	1
cg20382089	0.844364	0.970755	-1.03013	0.0313722	0.682983	-1.46417	0.915849	1.01609	1.01609	0.135913	0.784531	-1.27465	4.57188	1.65123	0.321041	1
cg19795898	0.296575	0.82927	-1.20588	0.000208438	0.341794	-2.92574	0.000501048	0.390037	-2.56386	0.0017031	0.460647	-2.17086	19.2568	9.12592	0.42125	1
cg14310606	0.142473	0.566821	-1.76423	0.00219477	0.213011	-4.69458	0.00523332	0.265426	-3.76752	0.0131777	0.330655	-3.0243	8.27149	16.9867	1.82546	1
cg01152052	0.138519	0.612865	-1.63168	0.00271552	0.280455	-3.56563	0.00201193	0.262374	-3.81135	0.0499706	0.503425	-1.98639	7.4854	11.1748	1.32701	1
cg00577189	0.0279456	1.52195	1.52195	0.320862	0.847162	-1.18041	0.0144163	1.62852	1.62852	0.00318024	1.91841	1.91841	5.43029	2.24914	0.368163	1
cg02232542	0.304171	0.769576	-1.29942	0.00260324	0.358218	-2.7916	0.0127223	0.466739	-2.14253	0.196058	0.714276	-1.40002	4.12087	3.95353	0.852792	1
cg25591036	0.0173594	0.723845	-1.38151	0.190326	1.16733	1.16733	0.0784509	0.804081	-1.24366	0.654591	0.951006	-1.05152	3.48779	0.687392	0.175187	1
cg14531840	0.0266001	0.311385	-3.21146	0.0606247	0.390964	-2.55778	0.811808	1.1117	1.1117	0.127576	0.481205	-2.07812	5.67369	17.7112	2.77478	1
cg11244795	0.398568	0.944275	-1.05901	0.953363	1.00389	1.00389	0.613337	1.03438	1.03438	0.100018	1.127	1.127	4.42456	0.308405	0.0619581	1
cg06707403	0.0420101	1.21409	1.21409	0.00149165	1.46111	1.46111	0.599851	1.0448	1.0448	0.105485	1.15769	1.15769	3.91382	0.424889	0.0964988	1
cg01005303	0.0774311	0.280264	-3.56807	0.00325773	0.0742951	-13.4598	0.0142109	0.140833	-7.10062	0.145664	0.363351	-2.75216	3.73397	24.8346	5.912	1
cg11345438	0.0554498	0.82791	-1.20786	1.89E-05	2.13102	2.13102	0.547813	1.05434	1.05434	0.0738287	1.18928	1.18928	11.3339	1.35851	0.106544	1
cg01061626	0.0942186	0.830158	-1.20459	0.000482021	1.74006	1.74006	0.0845966	1.21286	1.21286	0.0308609	1.29237	1.29237	5.31171	0.861045	0.144092	1
cg00395951	0.000247912	0.270988	-3.6902	6.39E-05	0.204586	-4.88792	0.443526	1.18366	1.18366	0.00472132	0.444783	-2.24829	11.8125	8.71433	0.655753	1
cg07969785	0.108078	1.2317	1.2317	0.00175016	1.69929	1.69929	0.389897	1.11041	1.11041	0.315109	1.13141	1.13141	5.96413	1.33453	0.198898	1
cg09471833	0.0130545	0.655268	-1.52609	0.00606495	0.611438	-1.63549	0.431083	0.895554	-1.11663	0.28025	0.857207	-1.16658	5.92215	1.76742	0.265282	1
cg13211324	0.228506	1.36223	1.36223	0.16249	0.694394	-1.44011	0.634186	0.889365	-1.1244	0.183151	0.707895	-1.41264	5.76508	5.46215	0.842181	1
cg24599037	0.333886	1.46516	1.46516	0.566781	0.801553	-1.24758	0.342746	1.45431	1.45431	0.0870115	0.480904	-2.07942	5.29901	11.9526	1.75438	1
cg18974084	0.550061	1.18098	1.18098	0.772673	1.08294	1.08294	0.00245618	3.18649	3.18649	0.0337127	1.97826	1.97826	10.3779	12.4375	1.0653	1
cg23137005	0.345568	1.30816	1.30816	0.94401	0.980765	-1.01961	0.573854	1.17015	1.17015	0.917457	0.971741	-1.02908	7.06161	8.55191	1.07648	1
cg02671603	0.287322	0.683816	-1.46238	0.032534	0.422824	-2.36505	0.049627	2.16084	2.16084	0.679639	0.866881	-1.15356	3.99225	7.48288	1.66609	1
cg25608569	0.000372679	2.45574	2.45574	0.0689742	0.725304	-1.37873	0.145611	0.781466	-1.27965	0.0767751	0.732996	-1.36426	10.3904	4.0985	0.350621	1
cg14217960	0.00660445	0.337377	-2.96405	0.206392	1.50778	1.50778	0.633739	0.862517	-1.1594	0.249687	1.44871	1.44871	8.65563	13.0143	1.3365	1
cg13930177	0.0217848	0.249462	-4.00862	0.0493598	0.32268	-3.09905	0.518601	1.39096	1.39096	0.110707	0.41628	-2.40223	5.27664	21.2504	3.57978	1
cg26426395	0.229276	0.750555	-1.33235	0.00161494	0.357653	-2.79601	0.513725	1.16257	1.16257	0.00145074	0.351168	-2.84764	13.0453	10.6884	0.72829	1
cg08955006	0.0548778	1.45964	1.45964	0.917813	0.982231	-1.01809	0.62718	1.08874	1.08874	0.858792	1.03142	1.03142	9.94925	4.7542	0.424751	1
cg06715977	0.0128254	0.657445	-1.52104	0.00653694	1.61518	1.61518	0.457642	1.10808	1.10808	0.328753	1.14657	1.14657	7.44675	2.17158	0.259212	1
cg00016783	0.292678	0.771112	-1.29683	0.533251	0.860494	-1.16212	0.000257216	4.18953	4.18953	0.588862	1.13874	1.13874	6.36535	5.71499	0.798069	1
cg27380631	0.512031	0.847783	-1.17955	0.044368	1.77433	1.77433	0.121593	1.51701	1.51701	0.225346	0.728921	-1.37189	5.9184	5.7796	0.868041	1
ch.2.240376F	0.0554773	0.609642	-1.64031	0.0645069	0.622813	-1.60562	0.0203759	1.89156	1.89156	0.057373	1.63252	1.63252	5.8039	4.77854	0.731852	1
cg16517634	0.277743	0.812713	-1.23045	0.013895	0.572133	-1.74784	0.00187457	0.444762	-2.24839	0.41516	1.16535	1.16535	5.70847	3.05174	0.475198	1
cg01885559	0.658795	0.910138	-1.09873	0.0120364	0.515013	-1.9417	0.00133547	0.372265	-2.68626	0.118309	0.698164	-1.43233	5.30399	3.77129	0.632026	1
cg23977002	0.714762	0.910563	-1.09822	0.0794344	0.608372	-1.64373	0.354104	1.27552	1.27552	0.262887	0.742336	-1.3471	4.48794	4.63123	0.917269	1
cg02639181	0.444226	0.586682	-1.7045	0.109707	0.303557	-3.29427	0.704344	0.770549	-1.29778	0.0295691	5.7633	5.7633	3.60841	26.7138	6.58064	1
ch.10.1963761F	0.00279443	0.915559	-1.09223	0.000895506	0.899005	-1.11234	0.0227229	1.06012	1.06012	0.00138574	1.10434	1.10434	42.3975	0.307808	0.00645337	1
cg11150664	0.00776224	0.42017	-2.37999	0.199372	1.41044	1.41044	0.062603	1.70139	1.70139	0.0972061	1.58669	1.58669	27.0834	27.5917	0.905573	1
cg26202575	0.77694	1.07952	1.07952	0.385931	1.27054	1.27054	0.548374	0.849073	-1.17775	0.587806	1.15885	1.15885	8.16346	9.38281	1.02166	1
cg07673866	0.342735	1.1889	1.1889	0.906352	1.02105	1.02105	0.353944	1.18391	1.18391	0.97672	1.00518	1.00518	6.88687	3.41763	0.441114	1
cg08455454	0.00600754	0.136758	-7.31218	0.384728	1.56729	1.56729	0.0196102	0.220058	-4.54425	0.112177	2.43935	2.43935	8.51736	24.9493	2.51077	1
cg05302035	0.00580673	0.302766	-3.30288	0.00113831	0.205435	-4.86772	0.155859	0.605259	-1.65219	0.00956839	0.337902	-2.95943	5.55162	9.61514	1.53951	1
cg18863837	0.0235059	1.34548	1.34548	0.00437609	0.658725	-1.51809	0.518531	0.930728	-1.07443	0.338907	1.11418	1.11418	5.01339	0.955186	0.169357	1
cg12692187	0.793858	1.05091	1.05091	0.000415834	0.345868	-2.89128	0.367453	1.19189	1.19189	0.810861	1.04651	1.04651	4.19774	2.39008	0.50611	1
cg00519463	0.597364	1.18769	1.18769	0.00697778	0.324289	-3.08367	0.203927	0.648768	-1.54138	0.760725	1.10359	1.10359	4.03964	6.66244	1.46601	1
cg04344917	0.0327408	0.233772	-4.27768	0.716088	1.23676	1.23676	0.607722	0.739913	-1.35151	0.234678	0.484474	-2.06409	3.86513	20.7186	4.7648	1
cg14326196	0.0948351	0.442951	-2.25759	0.306239	1.5998	1.5998	2.45E-05	41.4918	41.4918	1.90E-06	189.261	189.261	25.2917	78.8136	2.76994	1
cg13426307	0.00812723	2.09908	2.09908	0.426458	0.837192	-1.19447	0.000604404	3.18111	3.18111	0.0115343	1.99645	1.99645	8.53918	6.47654	0.674178	1
cg13977320	0.0152497	1.86321	1.86321	0.606021	0.897038	-1.11478	0.207119	0.757411	-1.32029	0.919196	1.02142	1.02142	4.85735	3.35551	0.614055	1
cg21194807	0.0196954	0.318553	-3.13919	0.00791552	0.250807	-3.98713	0.00230781	0.177442	-5.63564	0.204435	0.580533	-1.72255	4.41756	11.5375	2.32154	1
cg10091458	0.239818	0.627118	-1.5946	0.0432649	0.414199	-2.4143	0.278408	0.652276	-1.53309	0.800458	1.10078	1.10078	3.39658	7.73181	2.02342	1
cg25700513	0.000998299	0.61129	-1.63589	4.71E-05	2.16556	2.16556	0.0480028	1.25561	1.25561	0.487956	0.931502	-1.07354	31.5036	5.05973	0.142763	1
cg20070618	0.111894	0.615658	-1.62428	0.224746	0.699573	-1.42944	0.0272024	2.08008	2.08008	0.432326	0.798893	-1.25173	6.40941	7.96912	1.1052	1
cg18493214	0.00550069	0.36409	-2.74657	0.00361227	0.336049	-2.97575	0.44628	1.23976	1.23976	0.0109924	0.413438	-2.41874	6.12193	7.43051	1.07889	1
cg00980293	0.00769287	0.373106	-2.6802	0.925764	1.02719	1.02719	0.811509	1.0712	1.0712	0.739745	0.908492	-1.10073	5.21017	6.8382	1.16664	1
cg08248579	0.102387	0.218129	-4.58445	0.00377844	0.0358314	-27.9085	0.00665964	0.0498205	-20.0721	0.106601	0.222921	-4.4859	4.99403	57.3972	10.2162	1
cg01426125	0.490743	0.781381	-1.27978	0.651463	0.851918	-1.17382	0.00120805	5.31514	5.31514	0.358725	1.39459	1.39459	4.36431	8.58521	1.74857	1
cg21039878	0.227747	0.656815	-1.5225	0.772174	1.10118	1.10118	0.392457	0.747622	-1.33757	0.0412081	0.457534	-2.18563	3.67375	6.41314	1.5517	1
cg03089870	0.0756444	0.343777	-2.90886	0.00874912	0.164748	-6.06989	0.0191056	0.216214	-4.62504	0.114626	0.395934	-2.52568	3.65054	16.8567	4.10454	1
cg00069309	0.790452	0.926405	-1.07944	0.0428383	1.95247	1.95247	0.0385142	1.98988	1.98988	0.159354	1.53983	1.53983	3.51173	4.58235	1.15988	1
cg07058086	0.00117374	2.81333	2.81333	0.97683	1.00633	1.00633	1.86E-06	13.1137	13.1137	0.437291	0.841888	-1.18781	25.5156	19.0645	0.664153	1
cg10641504	0.932828	1.00978	1.00978	6.46E-05	0.428263	-2.33502	0.357781	1.11543	1.11543	0.721582	1.0422	1.0422	8.67277	1.83262	0.187829	1
cg16144590	0.101295	0.713119	-1.40229	0.497795	0.878356	-1.13849	0.560124	0.894915	-1.11742	0.193298	0.771506	-1.29617	6.65179	3.74101	0.499917	1
cg09888753	0.624867	0.907919	-1.10142	0.181756	0.757401	-1.3203	0.0146189	1.80288	1.80288	0.0870028	0.690407	-1.44842	5.74188	3.49439	0.540959	1
cg05196487	0.2969	0.761028	-1.31401	0.24922	1.35541	1.35541	0.0224256	1.99503	1.99503	0.0978021	1.58194	1.58194	4.57057	4.6156	0.897648	1
cg12508856	0.265494	1.24149	1.24149	0.178463	1.30537	1.30537	0.00773658	1.89216	1.89216	0.55525	0.894734	-1.11765	4.46729	2.4586	0.489206	1
cg10220156	0.00216286	0.439788	-2.27382	0.201725	0.77319	-1.29334	0.0798248	1.44905	1.44905	0.48798	1.1439	1.1439	4.39278	2.53302	0.512562	1
cg19888654	0.606875	1.16046	1.16046	0.00580613	2.81793	2.81793	0.145405	1.56562	1.56562	0.843886	0.945035	-1.05816	4.11307	5.35574	1.15744	1
cg07563765	0.706233	1.08922	1.08922	0.0439285	1.68638	1.68638	0.740656	0.927775	-1.07785	0.355383	0.80689	-1.23933	3.89182	3.13971	0.717108	1
cg16316695	0.0985393	0.609987	-1.63938	0.00573986	0.372326	-2.68582	0.355031	1.29642	1.29642	0.274346	0.733191	-1.3639	3.76808	4.44313	1.04813	1
cg09690373	0.105889	0.521662	-1.91695	0.00375162	0.236542	-4.22758	0.970683	0.986551	-1.01363	0.330078	0.690521	-1.44818	3.55313	7.63918	1.9111	1
cg19780614	0.0692825	4.62634	4.62634	0.00659484	14.2774	14.2774	0.0215309	8.01138	8.01138	0.0331913	6.53098	6.53098	3.43554	30.9104	7.99754	1
cg00754027	0.0377701	2.07931	2.07931	0.00793433	0.355458	-2.81327	0.165773	0.638209	-1.56689	0.0249729	2.24903	2.24903	8.5224	12.4605	1.29963	1
cg13460439	0.00849944	0.325135	-3.07564	0.0450733	0.463402	-2.15795	0.984218	1.00664	1.00664	0.0664853	0.502391	-1.99048	6.7351	11.9348	1.57514	1
cg26898266	0.000179898	0.283717	-3.52464	0.430129	0.852149	-1.1735	0.0966958	1.43659	1.43659	0.612732	0.903566	-1.10673	6.2793	3.92516	0.55564	1
cg11721610	0.0539815	0.28294	-3.53432	0.0120227	0.163994	-6.0978	0.561765	1.40298	1.40298	0.0482039	0.271691	-3.68065	3.75533	19.812	4.68951	1
cg10097105	0.821285	1.05358	1.05358	0.604461	1.12812	1.12812	0.55557	1.14745	1.14745	0.676699	0.907792	-1.10157	3.47392	2.92819	0.74925	1
cg09053247	0.947733	0.979064	-1.02138	7.05E-05	0.0962843	-10.3859	0.204912	0.649413	-1.53985	0.227057	1.50576	1.50576	15.4398	25.4701	1.46635	1
cg17546649	0.0311977	0.380465	-2.62836	0.00457918	0.236272	-4.23241	0.0576501	0.440227	-2.27156	0.579692	1.2384	1.2384	6.40665	14.8226	2.05657	1
cg26151597	0.645167	0.899604	-1.1116	0.0515273	0.60307	-1.65818	0.241806	0.756127	-1.32253	0.172511	0.717997	-1.39276	4.43283	3.65519	0.732953	1
cg19759251	0.114191	1.51577	1.51577	0.0105287	2.17944	2.17944	0.214821	1.37172	1.37172	0.919587	0.975854	-1.02474	4.36288	4.04849	0.824835	1
cg24604109	0.269053	0.517007	-1.93421	0.640747	0.763871	-1.30912	0.552238	0.708476	-1.41148	0.939888	0.957697	-1.04417	3.43431	17.8659	4.62416	1
cg12685100	2.46E-08	0.0562743	-17.7701	5.42E-08	0.0741337	-13.4891	7.43E-05	0.367145	-2.72372	8.46E-05	0.373915	-2.67441	90.1858	27.6792	0.272812	1
cg06390653	0.00877655	1.26283	1.26283	0.835515	0.985569	-1.01464	0.000145298	0.632989	-1.57981	4.07E-05	0.578442	-1.72878	20.8848	1.61687	0.0688163	1
cg14406419	5.54E-05	0.14232	-7.0264	0.329809	1.29874	1.29874	0.0570755	0.571449	-1.74994	0.732086	0.91455	-1.09343	8.93436	9.55978	0.951113	1
cg26272575	0.23001	0.700959	-1.42662	0.0021052	0.29519	-3.38765	0.0118452	0.412112	-2.42652	0.0163591	0.436926	-2.28871	5.97553	7.53268	1.12052	1
cg04189665	0.0512572	1.80268	1.80268	0.0149607	2.21288	2.21288	0.774516	1.07924	1.07924	0.845807	1.05305	1.05305	5.46369	6.09889	0.99223	1
cg06644584	0.0183071	0.650929	-1.53627	0.0300121	0.681983	-1.46631	0.490598	0.900327	-1.11071	0.105497	1.30368	1.30368	3.85625	1.37323	0.316539	1
cg09742751	?	?	?	0.613807	0.794179	-1.25916	0.0121006	0.230846	-4.33188	0.073393	0.399141	-2.50538	13.6957	24.1322	2.46684	1
cg00373020	0.0961694	1.32626	1.32626	0.147141	1.2718	1.2718	0.000417065	0.421044	-2.37505	0.000916903	0.465026	-2.15042	28.2662	10.6931	0.336266	1
cg09793172	0.0122105	2.47887	2.47887	0.11525	0.60783	-1.6452	0.0100629	2.57107	2.57107	7.60E-05	8.0518	8.0518	25.1831	33.7126	1.18995	1
cg07105891	0.820305	0.979897	-1.02052	3.98E-06	2.60334	2.60334	0.579274	1.05126	1.05126	0.090406	0.846591	-1.18121	18.6185	2.34917	0.112154	1
cg22527425	0.0658287	0.585739	-1.70724	0.0161655	0.466511	-2.14357	0.132047	1.52381	1.52381	0.665337	1.11938	1.11938	12.0672	12.8333	0.945317	1
cg05129477	0.221057	0.734144	-1.36213	0.000840708	0.299201	-3.34224	0.398788	0.812582	-1.23065	0.0200408	0.509595	-1.96234	8.35319	7.63572	0.812541	1
cg14035553	0.474127	0.814157	-1.22826	0.0151683	0.430618	-2.32224	0.590258	0.857673	-1.16595	0.0148967	0.429215	-2.32983	7.89746	9.97759	1.12302	1
cg15613048	0.283914	0.826312	-1.2102	0.582353	0.909203	-1.09986	0.661502	0.927275	-1.07843	0.820451	0.96179	-1.03973	7.20485	3.35137	0.413471	1
cg03626238	0.223005	0.731704	-1.36667	0.0275026	0.529389	-1.88897	0.0757119	0.617366	-1.61978	0.346501	0.789383	-1.26681	6.64087	6.25976	0.837877	1
cg23677039	0.909877	0.962367	-1.0391	0.207998	1.56788	1.56788	0.00300738	3.96764	3.96764	0.156254	1.67163	1.67163	6.10493	11.0961	1.61562	1
cg24730688	0.0634981	0.562415	-1.77805	0.108878	0.617373	-1.61977	0.00120102	0.270184	-3.70119	0.0406409	0.521017	-1.91932	5.71013	6.87999	1.071	1
cg18878886	0.0475283	0.474866	-2.10586	0.0198422	0.396903	-2.51951	0.338114	1.38327	1.38327	0.416453	0.761186	-1.31374	5.44497	9.31003	1.51986	1
cg05356564	0.529882	1.11967	1.11967	0.0141077	0.583857	-1.71275	0.172383	1.29431	1.29431	0.369588	1.17783	1.17783	5.44254	2.71945	0.444146	1
cg07158961	0.672017	1.08503	1.08503	0.691466	1.07944	1.07944	0.067736	0.675591	-1.48018	0.0879964	0.697101	-1.43451	3.78794	2.20332	0.517038	1
cg08890418	0.0277105	0.411802	-2.42835	0.135619	0.57792	-1.73034	0.0219359	0.391718	-2.55286	0.685131	0.870251	-1.14909	3.75026	6.90341	1.63625	1
cg05653329	0.711505	0.933944	-1.07073	0.0579569	0.674152	-1.48334	0.544464	0.893286	-1.11946	0.387501	0.849636	-1.17697	3.7285	1.99847	0.476442	1
cg12459000	0.34617	0.649805	-1.53892	0.0188284	0.282402	-3.54105	0.0672627	0.402025	-2.48741	0.242436	1.72219	1.72219	3.58465	11.2097	2.77968	1
cg18486150	0.052081	1.96747	1.96747	0.214348	0.67008	-1.49236	0.137652	1.63172	1.63172	0.304073	1.38539	1.38539	3.47703	5.165	1.32041	1
cg00468091	0.000257521	0.292098	-3.42351	3.06E-05	0.189004	-5.29088	0.253717	1.27614	1.27614	0.000913338	0.36273	-2.75687	15.7716	10.4534	0.589156	1
cg08967200	0.534425	1.1002	1.1002	0.00183299	0.510791	-1.95775	0.206453	1.22414	1.22414	0.855024	1.02815	1.02815	5.92573	2.16166	0.324259	1
cg17123029	0.0182464	1.75332	1.75332	0.03648	0.621038	-1.61021	0.000291164	3.18221	3.18221	0.11739	1.39553	1.39553	13.2722	8.07179	0.540599	1
cg03821557	0.0105695	0.266443	-3.75315	0.00141183	0.149479	-6.68989	0.0132869	0.28317	-3.53145	0.0133111	0.283306	-3.52975	10.1463	27.1776	2.38095	1
cg04086388	0.00904787	0.770491	-1.29787	0.657829	0.965576	-1.03565	0.885453	1.01139	1.01139	4.09E-05	0.540708	-1.84943	9.53788	0.932922	0.0869443	1
cg17704343	0.882647	1.0271	1.0271	0.00152688	0.437874	-2.28376	0.0120347	1.76273	1.76273	0.0505517	1.49678	1.49678	7.42147	3.85075	0.461214	1
cg26839961	0.0229762	0.233428	-4.28398	0.00212133	0.0992235	-10.0783	0.331165	0.584893	-1.70971	0.0333751	0.264496	-3.78077	5.60277	25.389	4.02801	1
cg06299568	0.634163	0.913292	-1.09494	0.000631	0.370158	-2.70155	0.477867	1.14628	1.14628	0.238632	1.26302	1.26302	5.50253	2.77273	0.503901	1
cg14823789	0.617927	1.07545	1.07545	0.0028705	1.80985	1.80985	3.74E-06	0.209363	-4.77639	0.301748	0.856622	-1.16738	36.0985	11.9621	0.294553	1
cg00627029	0.267936	1.71955	1.71955	0.0017381	8.14784	8.14784	0.00561334	0.181242	-5.51748	0.921895	1.04714	1.04714	10.0664	35.1776	3.10628	1
cg18944047	0.0244806	2.22758	2.22758	0.948212	0.980776	-1.0196	0.064524	0.537634	-1.86	0.555251	0.83668	-1.1952	7.97337	11.2777	1.25727	1
cg16709232	0.0266897	2.87946	2.87946	0.0123132	0.284955	-3.50932	0.0645741	0.433365	-2.30752	0.0879953	0.468451	-2.13469	7.09334	18.2237	2.28367	1
cg17912283	0.00655189	3.92979	3.92979	0.00223932	5.2512	5.2512	0.00883848	3.63853	3.63853	0.0695529	2.19587	2.19587	5.07695	12.0739	2.11394	1
cg24432245	0.00513868	3.78043	3.78043	0.00299321	4.32748	4.32748	0.00817941	3.37924	3.37924	0.0483273	2.25195	2.25195	4.99846	10.2488	1.82257	1
cg07138305	0.834566	1.0488	1.0488	0.0314814	1.77661	1.77661	0.170895	1.394	1.394	0.47005	0.845841	-1.18225	4.12455	3.3902	0.730628	1
cg20467929	0.923793	1.04824	1.04824	0.280984	0.575903	-1.7364	0.782489	0.872595	-1.14601	0.508576	1.39131	1.39131	3.86997	14.8633	3.41394	1
cg05571310	0.0477195	3.74801	3.74801	0.00867199	7.04545	7.04545	0.0139891	5.87717	5.87717	0.0282638	4.53336	4.53336	3.48874	18.8168	4.79429	1
cg12505146	0.00174708	2.91922	2.91922	0.252923	1.33203	1.33203	0.015973	2.03054	2.03054	0.0179017	0.501131	-1.99549	17.9791	16.4147	0.811542	1
cg05116145	0.193677	1.22975	1.22975	0.00256903	1.87511	1.87511	0.562306	0.915674	-1.09209	0.531696	0.909134	-1.09995	9.1899	3.29123	0.318343	1
cg12511356	0.0246856	2.33772	2.33772	0.000771182	5.0345	5.0345	0.00380263	3.45284	3.45284	0.345935	1.3609	1.3609	6.6772	10.6584	1.41888	1
cg12923745	0.0164076	1.64237	1.64237	0.00135242	0.455079	-2.19742	0.494132	0.88918	-1.12463	0.0190844	0.618841	-1.61592	6.27964	2.84593	0.402844	1
cg08481873	0.704197	0.738084	-1.35486	0.00152606	0.0264375	-37.825	0.00107141	0.0213291	-46.8843	0.280713	0.409538	-2.44178	6.08088	61.0511	8.92431	1
cg26084005	0.000184532	0.218199	-4.58296	0.705582	0.9126	-1.09577	0.20001	1.38572	1.38572	0.491183	0.844936	-1.18352	6.06637	5.5787	0.817432	1
cg14464401	0.00113459	0.223078	-4.48274	0.0201855	0.41572	-2.40546	0.852825	0.943475	-1.05991	0.296199	0.712223	-1.40405	5.83563	9.07252	1.38193	1
cg21698294	0.399242	1.11355	1.11355	0.000448131	1.99363	1.99363	0.577514	1.07264	1.07264	0.215675	0.850103	-1.17633	5.38808	1.32536	0.218649	1
cg14662379	0.138945	0.801	-1.24844	0.193903	0.825725	-1.21106	0.447974	1.11376	1.11376	0.01333	1.53285	1.53285	5.31398	1.63349	0.273239	1
cg24090192	0.0917424	1.36935	1.36935	0.0195752	0.620269	-1.6122	0.646164	0.92472	-1.08141	0.00759583	0.559192	-1.78829	5.24581	2.38152	0.403542	1
cg04553960	0.0412079	0.577879	-1.73047	0.0324427	0.5582	-1.79147	0.389605	1.22788	1.22788	0.221334	0.74131	-1.34896	5.19944	4.46468	0.763275	1
cg27378591	0.390866	1.48069	1.48069	0.553311	0.765119	-1.30699	0.280223	1.65058	1.65058	0.39582	1.47435	1.47435	4.36379	13.7751	2.80595	1
cg03342543	0.562419	1.1538	1.1538	0.44177	0.825634	-1.21119	0.237954	1.35252	1.35252	0.583298	0.873426	-1.14492	4.35285	4.1138	0.840073	1
cg18388084	0.00811646	0.581996	-1.71823	0.00355009	1.8796	1.8796	0.540499	1.10402	1.10402	0.778259	0.955915	-1.04612	3.92348	1.58495	0.35908	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22414499	KIF1A	0.0424206	0.821719	0.961573	-1.03996	0.0567594	1.45408	1.45408	0.00305859	0.494486	-2.0223	0.517056	0.892216	-1.12081	0.921668	0.983069	-1.01722	0.770672	0.950519	-1.05206	0.0430205	1.49818	1.49818	0.976731	0.994949	-1.00508	0.506659	0.889609	-1.12409	3.60398	1.72053	0.424353	1
cg18312118	KIF1B	0.00120881	0.0216987	1.51134	1.51134	0.0184281	1.53491	1.53491	0.0299679	1.46618	1.46618	0.00297454	1.84196	1.84196	0.000530398	2.24472	2.24472	0.00120093	2.0361	2.0361	0.835965	1.03156	1.03156	0.000127862	2.71399	2.71399	0.0529572	1.39041	1.39041	11.1485	3.96531	0.316162	1
cg11802797	KIF1B	0.0183158	0.0969942	2.05589	2.05589	0.00429425	4.53128	4.53128	0.267712	1.57901	1.57901	0.0605099	2.31037	2.31037	0.59231	1.23845	1.23845	0.513752	1.29954	1.29954	0.124718	1.93016	1.93016	0.000716585	7.67234	7.67234	0.322407	1.49844	1.49844	4.84667	12.0159	2.20374	1
cg15643796	KIF1B	0.0191878	0.746111	1.11635	1.11635	0.852066	0.938711	-1.06529	0.231106	0.653388	-1.53048	0.364005	1.3717	1.3717	0.00144594	0.210205	-4.75726	0.00987654	0.331349	-3.01797	0.316733	1.42002	1.42002	0.226048	1.53833	1.53833	0.175647	0.613919	-1.62888	4.77116	8.67372	1.61595	1
cg08718293	KIF1B	0.0211535	0.413937	1.30902	1.30902	0.179416	0.631419	-1.58373	0.0677232	1.93445	1.93445	0.0311611	2.26014	2.26014	0.113024	0.573431	-1.74389	0.491128	1.25292	1.25292	0.150104	0.608095	-1.64448	0.00493687	3.32165	3.32165	0.0473549	2.07821	2.07821	4.61553	7.59902	1.46347	1
cg21406409	KIF1B	0.0348279	0.386825	1.33133	1.33133	0.434271	1.29354	1.29354	0.686818	1.13969	1.13969	0.0545429	2.02106	2.02106	0.496744	1.24933	1.24933	0.325644	1.38738	1.38738	0.261747	1.4587	1.4587	0.000681207	5.33671	5.33671	0.0468995	2.08312	2.08312	3.87403	6.38556	1.46515	1
cg10246774	KIF1B	0.0349868	0.759797	0.870681	-1.14853	0.00309934	6.21794	6.21794	0.122532	2.12898	2.12898	0.308936	1.60882	1.60882	0.0382554	0.338113	-2.95759	0.354683	1.5372	1.5372	0.360302	0.653975	-1.52911	0.0964263	2.28014	2.28014	0.90145	0.945594	-1.05754	3.86766	12.4906	2.87067	1
cg03517919	KIF1B	0.0436884	0.442874	1.36415	1.36415	0.0141165	3.32759	3.32759	0.199248	1.71316	1.71316	0.0799281	2.16236	2.16236	0.431185	0.726965	-1.37558	0.68182	1.17776	1.17776	0.301378	1.52958	1.52958	0.00252471	5.28179	5.28179	0.155827	1.82701	1.82701	3.5647	8.89364	2.2177	1
cg03954927	KIF1B;KIF1B	0.00765255	0.0263195	0.60163	-1.66215	0.874341	1.03099	1.03099	0.812339	1.04694	1.04694	0.0281059	1.64903	1.64903	0.000924375	0.385114	-2.59663	0.0876108	0.695136	-1.43857	0.110994	1.39776	1.39776	0.0594942	1.50716	1.50716	0.739125	0.937579	-1.06658	6.43327	3.7897	0.523625	1
cg26247646	KIF1B;KIF1B	0.0101835	0.527921	1.26342	1.26342	0.447266	0.753355	-1.3274	0.0988559	0.515994	-1.93801	0.0450097	2.3189	2.3189	0.0192757	0.355225	-2.81512	0.609767	1.2071	1.2071	0.0212383	0.36327	-2.75277	0.00197039	4.94825	4.94825	0.796121	1.0993	1.0993	5.87633	12.4423	1.8821	1
cg11399195	KIF1B;KIF1B	0.0130526	0.680494	0.917236	-1.09023	0.0400062	0.60944	-1.64085	0.185101	1.34074	1.34074	0.637362	1.10414	1.10414	0.124832	0.70705	-1.41433	0.838224	0.958245	-1.04357	0.00215353	0.407028	-2.45683	0.00727831	2.059	2.059	0.304234	0.800918	-1.24857	5.42299	3.73872	0.612818	1
cg24722365	KIF1B;KIF1B	0.027082	?	?	?	0.172597	0.816962	-1.22405	0.0338509	0.708192	-1.41205	0.149192	0.806207	-1.24038	0.00519891	0.598319	-1.67135	0.00988285	0.635082	-1.5746	0.0586309	0.74267	-1.34649	0.675591	0.943069	-1.06037	0.327011	1.15134	1.15134	4.30994	1.17687	0.27306	1
cg19306864	KIF1B;KIF1B	0.0423442	0.37703	1.11919	1.11919	0.0404239	1.34936	1.34936	0.0689158	1.2922	1.2922	0.131141	1.22641	1.22641	0.0120421	1.49404	1.49404	0.156668	0.827444	-1.20854	0.0326418	1.37322	1.37322	0.283043	1.14892	1.14892	0.0175262	1.44649	1.44649	3.93218	0.933393	0.184623	1
cg26848071	KIF1C	0.00126399	0.0202622	0.437627	-2.28505	0.00146137	0.2575	-3.8835	0.00461154	0.328566	-3.04352	0.14635	0.631079	-1.58459	0.000199088	0.158088	-6.32558	0.00397298	0.318736	-3.1374	0.000515408	0.201904	-4.95285	0.16595	0.646511	-1.54676	0.0035208	0.310905	-3.21642	11.0072	15.1947	1.22706	1
cg02452838	KIF1C	0.00167748	0.0708047	1.39784	1.39784	0.655879	1.07725	1.07725	0.155995	0.77739	-1.28636	0.0869007	1.36845	1.36845	0.336649	0.848438	-1.17864	0.0248114	1.55776	1.55776	5.24E-05	0.285332	-3.50469	0.587393	0.913111	-1.09516	0.107548	0.747221	-1.33829	10.1468	4.42356	0.387515	1
cg16612511	KIF1C	0.00394568	8.53E-05	0.207718	-4.81421	0.271686	0.775095	-1.29017	0.996258	1.00104	1.00104	0.686915	1.09441	1.09441	0.538508	0.870524	-1.14873	0.0522628	0.611691	-1.63481	0.0241787	1.81931	1.81931	0.391213	0.822339	-1.21604	0.701556	0.917839	-1.08952	7.88491	6.19088	0.697917	1
cg07094631	KIF1C	0.00435446	0.548488	1.07372	1.07372	0.848096	1.02272	1.02272	0.00320129	1.60227	1.60227	0.247938	1.15201	1.15201	0.515639	1.08028	1.08028	0.30773	1.13167	1.13167	0.000141535	2.15798	2.15798	0.106826	0.813623	-1.22907	0.553068	0.932116	-1.07283	7.65362	1.66365	0.193215	1
cg23623659	KIF1C	0.0138698	0.134045	0.669322	-1.49405	0.0377103	0.549425	-1.82009	0.0600634	0.590349	-1.69391	0.0039808	0.382146	-2.6168	0.000995373	0.296718	-3.37021	0.544929	1.16444	1.16444	0.848131	1.04879	1.04879	0.93015	0.978452	-1.02202	0.566093	0.865782	-1.15503	5.31618	5.19803	0.869135	1
cg03877174	KIF1C	0.039991	0.634095	0.875771	-1.14185	0.607981	1.15388	1.15388	0.815279	1.06688	1.06688	0.58412	0.858198	-1.16523	0.544702	0.844005	-1.18483	0.00628231	0.373496	-2.6774	0.132145	0.637915	-1.56761	0.00812222	2.55356	2.55356	0.41849	0.795564	-1.25697	3.68344	4.46463	1.0774	1
cg20571908	KIF20B	0.000193606	0.119226	0.594051	-1.68336	0.213355	1.49723	1.49723	0.269601	0.701806	-1.42489	0.0409202	0.483479	-2.06834	0.103974	0.578364	-1.72901	0.304049	0.720463	-1.388	1.98E-06	0.0267775	-37.3448	0.0960998	1.75569	1.75569	0.524911	0.820004	-1.21951	18.5337	27.847	1.33556	1
cg20535723	KIF20B	0.000659865	0.000547447	0.143954	-6.94668	0.000131903	0.0912409	-10.96	0.0140805	0.334862	-2.9863	0.37448	0.719597	-1.38967	0.0011146	0.176674	-5.66015	0.0135864	0.332101	-3.01113	0.000238968	0.111278	-8.98646	0.00936058	0.304351	-3.28568	0.00666261	0.28059	-3.56392	13.2278	27.2992	1.83446	1
ch.10.1909607F	KIF20B	0.000908124	0.000123164	0.14174	-7.05515	?	?	?	?	?	?	0.000749005	0.245344	-4.07591	?	?	?	?	?	?	0.305426	0.778744	-1.28412	0.0427874	0.564438	-1.77167	0.0185002	0.489059	-2.04474	21.5366	9.77212	0.544494	1
cg19698084	KIF20B	0.0188992	0.857172	0.978435	-1.02204	0.0122266	1.45901	1.45901	0.0841327	1.26018	1.26018	0.0143604	0.694033	-1.44085	0.186445	1.18471	1.18471	0.00946686	0.671732	-1.48869	0.519998	0.924113	-1.08212	0.818373	0.972548	-1.02823	0.411956	1.10685	1.10685	4.79568	1.1123	0.206167	1
cg27308707	KIF20B	0.0202705	0.794273	1.01141	1.01141	0.520091	0.972081	-1.02872	0.239131	1.055	1.055	0.180923	1.06363	1.06363	0.291828	0.953611	-1.04865	0.0203845	0.885682	-1.12907	0.00218203	0.829704	-1.20525	0.303256	1.0474	1.0474	0.0361754	0.899606	-1.1116	4.68313	0.139889	0.0265518	1
cg15418826	KIF21A	0.00152708	0.00519042	2.24183	2.24183	0.00296214	2.44147	2.44147	0.0403802	1.6789	1.6789	0.334192	1.24353	1.24353	0.0286839	1.75902	1.75902	0.0951401	1.49373	1.49373	0.000283318	0.273095	-3.66173	0.404332	1.20529	1.20529	0.0384324	1.69023	1.69023	10.4257	7.907	0.674145	1
cg04559293	KIF21A	0.00360241	0.00966815	1.85311	1.85311	0.00042693	0.349676	-2.85979	0.0517369	0.658959	-1.51754	0.0342999	1.59235	1.59235	0.0232346	1.66714	1.66714	0.604995	1.1033	1.1033	0.254116	1.25152	1.25152	0.599245	1.10506	1.10506	0.812587	1.04576	1.04576	8.10351	4.55547	0.499698	1
cg15973285	KIF21A	0.00458941	0.380359	0.844211	-1.18454	0.000318663	0.333905	-2.99487	0.505012	0.880462	-1.13577	0.601594	1.10422	1.10422	0.0280157	1.62986	1.62986	0.121828	1.37112	1.37112	0.0101016	1.84196	1.84196	0.637135	1.09354	1.09354	0.242475	0.79436	-1.25888	7.5326	4.22569	0.498655	1
cg23108580	KIF21A	0.0110767	0.0580867	0.325603	-3.07122	0.000506076	0.0580226	-17.2347	0.0219146	0.236825	-4.22253	0.599653	0.757705	-1.31978	0.0387031	0.285309	-3.50497	0.0240335	0.244137	-4.09606	0.0209887	0.233473	-4.28316	0.0188271	0.225219	-4.44012	0.379811	0.62378	-1.60313	5.71969	24.8594	3.86336	1
cg02181968	KIF21A	0.0169319	0.0416753	0.804602	-1.24285	0.127504	1.16483	1.16483	0.0264224	1.27597	1.27597	0.606074	1.04934	1.04934	0.0422364	1.2419	1.2419	0.969799	1.00351	1.00351	0.377759	0.919622	-1.0874	0.00328907	0.690178	-1.4489	0.739974	0.969633	-1.03132	4.97615	0.675593	0.120681	1
cg17859258	KIF21A	0.0176802	0.0228233	0.344256	-2.90482	0.00278194	0.199042	-5.02406	0.0187619	0.327984	-3.04893	0.494823	0.762343	-1.31175	0.0069602	0.254941	-3.92248	0.108441	0.503849	-1.98472	0.0140449	0.305123	-3.27737	0.0371234	0.387769	-2.57886	0.406994	0.717452	-1.39382	4.90458	11.9033	2.1573	1
cg14860393	KIF21A	0.0335963	0.0898111	0.611054	-1.63652	0.12506	0.64575	-1.54859	0.0424694	0.540408	-1.85045	0.454355	0.818123	-1.22231	0.00137627	0.294515	-3.39542	0.0172409	0.465679	-2.1474	0.479907	0.827649	-1.20824	0.293034	0.750266	-1.33286	0.0812412	0.601018	-1.66384	3.92469	4.31275	0.976778	1
cg06812278	KIF21B	1.30E-06	7.50E-07	0.734688	-1.36112	0.000152253	0.860567	-1.16202	5.00E-07	0.722559	-1.38397	9.17E-07	0.740563	-1.35032	0.051125	1.05268	1.05268	0.919753	0.997674	-1.00233	1.57E-05	0.813673	-1.229	0.0513824	1.05261	1.05261	0.125719	0.962425	-1.03904	68.6014	0.580465	0.00752125	1
cg27578319	KIF21B	0.00467384	0.606223	0.927428	-1.07825	0.497111	1.10505	1.10505	0.0252119	0.680012	-1.47056	0.203548	1.21465	1.21465	0.104668	0.773391	-1.29301	0.000123128	0.378863	-2.63948	0.371226	1.14229	1.14229	0.333909	1.15535	1.15535	0.163182	0.806013	-1.24067	7.49098	2.49073	0.295553	1
cg12587954	KIF21B	0.0150276	0.530564	0.863285	-1.15837	0.489626	1.17634	1.17634	0.213645	0.738583	-1.35394	0.58886	1.13459	1.13459	0.00269628	0.383121	-2.61014	0.0915842	1.53708	1.53708	0.00623697	0.438267	-2.28172	0.0175555	0.51235	-1.95179	0.469638	0.843473	-1.18557	5.17755	4.39099	0.753852	1
cg05365320	KIF21B	0.0165554	0.160422	0.587931	-1.70088	0.550238	1.23874	1.23874	0.0911952	0.517385	-1.9328	0.444465	0.758716	-1.31802	0.00132047	0.191101	-5.23284	0.0958937	0.52321	-1.91128	0.0100096	0.31609	-3.16366	0.192971	1.62907	1.62907	0.0516217	0.456274	-2.19167	5.01367	9.96258	1.7663	1
cg10785099	KIF21B	0.0195998	0.93162	1.01568	1.01568	0.000850614	2.4809	2.4809	0.0111841	1.77931	1.77931	0.597679	1.10134	1.10134	0.117568	1.36079	1.36079	0.37256	0.847116	-1.18048	0.153762	1.31888	1.31888	0.422606	0.862037	-1.16004	0.446859	1.15087	1.15087	4.73695	2.4644	0.462444	1
cg27386431	KIF21B	0.0205104	0.0103862	0.399571	-2.50269	0.053511	0.536165	-1.8651	0.608718	0.863506	-1.15807	0.00352075	3.07952	3.07952	0.113596	0.613024	-1.63126	0.685607	1.12264	1.12264	0.532429	0.83549	-1.1969	0.508758	1.20989	1.20989	0.41636	1.26631	1.26631	4.6644	5.96838	1.13739	1
cg18535415	KIF21B	0.0240191	0.0387182	1.95097	1.95097	0.0384335	0.511909	-1.95347	0.362469	1.29864	1.29864	0.00803106	2.58099	2.58099	0.28571	1.36281	1.36281	0.446783	1.24171	1.24171	0.0238888	2.12231	2.12231	0.146661	1.54483	1.54483	0.0191989	2.20555	2.20555	4.41818	5.45389	1.09726	1
cg24444188	KIF21B	0.0374464	0.00971792	0.611286	-1.6359	0.445496	0.889558	-1.12415	0.802041	0.962905	-1.03852	0.0128485	0.628189	-1.59188	0.0131906	0.62979	-1.58783	0.0444888	0.706637	-1.41515	0.110141	0.769499	-1.29955	0.374354	1.14707	1.14707	0.571353	0.917523	-1.08989	3.77332	1.35319	0.318774	1
cg07561747	KIF21B	0.0413022	0.234882	1.84744	1.84744	0.00472013	0.15713	-6.36416	0.927419	0.956078	-1.04594	0.0521653	2.97094	2.97094	0.985246	1.00916	1.00916	0.887747	1.07211	1.07211	0.216958	1.8973	1.8973	0.410957	1.51359	1.51359	0.0380089	3.27338	3.27338	3.63984	14.0103	3.42146	1
cg15288326	KIF21B	0.0464958	0.127647	1.99439	1.99439	0.887396	1.06118	1.06118	0.468746	0.73423	-1.36197	0.014167	3.55553	3.55553	0.00912995	4.00653	4.00653	0.543189	0.77266	-1.29423	0.0328031	2.84766	2.84766	0.0801326	2.25612	2.25612	0.334388	1.51776	1.51776	3.48253	9.6873	2.47261	1
cg07010314	KIF21B;KIF21B	0.00825139	0.00270483	0.402285	-2.4858	0.730811	1.07885	1.07885	0.261382	1.29355	1.29355	0.650031	0.904496	-1.10559	0.0233489	0.551297	-1.8139	0.038846	0.591193	-1.69149	0.00287028	2.46277	2.46277	0.76372	0.935898	-1.06849	0.957696	1.01173	1.01173	6.28262	4.80509	0.679842	1
cg11255039	KIF22	0.000316586	0.26059	1.2342	1.2342	0.135738	1.3342	1.3342	0.547693	1.11528	1.11528	0.250302	1.24041	1.24041	0.60442	0.910534	-1.09826	0.422048	1.15844	1.15844	0.182409	0.775865	-1.28888	0.00725758	1.86101	1.86101	3.33E-06	7.15746	7.15746	16.2095	8.25628	0.452755	1
cg02876297	KIF22	0.00109335	0.00895858	0.570464	-1.75296	0.233959	1.23453	1.23453	0.345001	1.17849	1.17849	0.0408935	0.671339	-1.48956	3.23E-05	0.255385	-3.91566	0.487251	1.12657	1.12657	0.210545	0.800294	-1.24954	0.43606	1.14359	1.14359	0.00690637	0.554102	-1.80472	11.472	5.18031	0.401387	1
cg07038191	KIF22	0.0035381	?	?	?	0.728979	0.84586	-1.18223	0.984237	1.00955	1.00955	0.0429469	3.0683	3.0683	?	?	?	0.000316877	0.0603648	-16.5659	0.30562	0.600184	-1.66616	0.00406632	0.15627	-6.39919	0.855457	0.915982	-1.09172	8.55319	24.4042	3.26084	1
cg03462115	KIF22	0.00890451	0.905543	1.02427	1.02427	0.00569169	2.08019	2.08019	0.966762	0.991619	-1.00845	0.773339	0.943344	-1.06006	0.461498	1.16347	1.16347	0.818726	0.954693	-1.04746	0.331085	0.816651	-1.22451	0.155244	1.35958	1.35958	0.000274647	3.3317	3.3317	6.13309	3.96232	0.574272	1
cg05343105	KIF22	0.0097834	0.00800537	0.371821	-2.68946	0.03891	0.498568	-2.00575	0.435168	1.26086	1.26086	0.337563	1.33352	1.33352	0.0132436	0.409111	-2.44432	0.0784049	0.565997	-1.76679	0.00233283	0.290161	-3.44636	0.0124216	0.404223	-2.47388	0.0617748	0.542035	-1.8449	5.95212	7.98935	1.19313	1
cg05137064	KIF22	0.0134423	0.934699	0.981726	-1.01861	0.0143152	0.506754	-1.97335	0.922892	1.02203	1.02203	0.126042	1.45144	1.45144	0.0649451	0.627218	-1.59434	0.00383833	0.416009	-2.40379	0.00617305	0.447584	-2.23422	0.235304	1.32306	1.32306	0.181895	0.726938	-1.37563	5.37105	4.30898	0.71312	1
cg07060971	KIF22	0.0332613	0.0229152	0.389095	-2.57007	0.755514	0.897328	-1.11442	0.0568931	0.473608	-2.11145	0.321931	0.701246	-1.42603	0.00244122	0.231603	-4.31773	0.0253551	0.397764	-2.51405	0.175677	0.606882	-1.64777	0.902732	1.04332	1.04332	0.0437228	0.447497	-2.23465	3.93887	7.50427	1.6935	1
cg07285209	KIF22;MAZ;MAZ	0.0373473	0.4098	0.903558	-1.10674	0.00345092	1.61249	1.61249	0.109217	1.23384	1.23384	0.894301	1.01612	1.01612	0.947798	1.00791	1.00791	0.259204	0.867954	-1.15214	0.135619	1.21349	1.21349	0.86459	1.02075	1.02075	0.0132092	1.44711	1.44711	3.77697	0.86586	0.203775	1
cg01906442	KIF23;KIF23	2.61E-05	0.000104411	3.02587	3.02587	0.000376567	2.33178	2.33178	?	?	?	?	?	?	0.00181849	1.82519	1.82519	0.0256267	1.36883	1.36883	0.0209028	0.717295	-1.39413	?	?	?	5.43E-06	0.13217	-7.56603	128.225	13.7098	0.0890997	1
cg24657687	KIF23;KIF23	0.00340619	0.000546405	0.451383	-2.21541	0.00155404	0.509794	-1.96158	0.191184	0.814681	-1.22747	0.0463454	0.713203	-1.40213	0.616511	1.07765	1.07765	0.108006	0.771274	-1.29656	0.145864	0.793553	-1.26015	0.0271041	1.47324	1.47324	0.188044	1.22948	1.22948	8.24049	2.86252	0.308776	1
cg22240424	KIF23;KIF23	0.00581583	0.0255835	0.626176	-1.59699	0.89299	1.02404	1.02404	0.0947836	1.38272	1.38272	0.0558865	0.682313	-1.4656	0.0401539	0.658031	-1.51969	0.453435	0.873901	-1.14429	0.000236094	0.341146	-2.93129	0.0279256	0.632267	-1.58161	0.105156	0.731624	-1.36682	7.0062	3.45634	0.438512	1
cg27514624	KIF23;KIF23	0.00699123	0.0172348	1.65838	1.65838	0.205217	1.26239	1.26239	0.321286	1.19558	1.19558	0.0612875	1.44425	1.44425	0.447592	0.873776	-1.14446	0.0206586	1.62553	1.62553	0.00131785	0.442745	-2.25864	0.0321462	1.54884	1.54884	0.485836	0.883862	-1.1314	6.6177	3.18517	0.427831	1
cg15465548	KIF23;KIF23	0.00732386	0.579589	1.05432	1.05432	0.238662	1.12374	1.12374	0.803678	0.976729	-1.02383	0.290838	1.10918	1.10918	0.16686	0.869951	-1.14949	0.358677	0.914642	-1.09332	0.000960647	0.62822	-1.5918	0.00460217	1.42834	1.42834	0.0470943	1.23961	1.23961	6.52235	0.9231	0.125803	1
cg20762182	KIF23;KIF23	0.0154258	0.128103	0.735983	-1.35873	0.10631	0.719879	-1.38912	0.150421	0.75032	-1.33277	0.0473655	0.65522	-1.52621	0.232031	0.79169	-1.26312	0.211241	0.782348	-1.2782	0.00103806	2.47235	2.47235	0.909375	0.979004	-1.02145	0.397855	0.851018	-1.17506	5.1329	2.82327	0.488919	1
cg22412481	KIF23;KIF23	0.0182518	0.0274773	0.226439	-4.41619	0.0917394	0.347322	-2.87917	0.148632	0.413798	-2.41664	0.521345	1.44806	1.44806	0.00217445	0.0863039	-11.587	0.28678	0.532579	-1.87766	0.00323	0.101428	-9.85917	0.450116	0.64512	-1.5501	0.0503719	0.280714	-3.56235	4.85239	24.9318	4.56715	1
cg05749577	KIF23;KIF23;KIF23;KIF23	0.000110742	0.0125812	0.541228	-1.84765	0.00131542	2.52165	2.52165	0.00126478	2.53661	2.53661	6.61E-05	0.235124	-4.25308	0.654796	1.09312	1.09312	0.00305059	0.448054	-2.23187	0.000139408	0.272055	-3.67572	0.546393	1.12836	1.12836	0.259948	1.26172	1.26172	21.544	13.3546	0.551	1
cg24170947	KIF23;KIF23;KIF23;KIF23	0.0213859	?	?	?	0.251785	1.61572	1.61572	0.260864	1.59903	1.59903	?	?	?	0.708143	0.863437	-1.15816	0.0167907	0.270785	-3.69297	0.00636456	5.30672	5.30672	0.490082	1.31751	1.31751	0.0397512	0.359536	-2.78136	7.3782	12.6409	1.22377	1
cg14490447	KIF24	0.000291598	0.0769592	0.765349	-1.30659	0.000808684	1.988	1.988	0.0842075	0.771232	-1.29663	0.301344	1.15674	1.15674	0.000224864	0.43408	-2.30372	0.00250024	0.564896	-1.77024	0.00219499	0.557705	-1.79306	0.00185564	1.82332	1.82332	0.0653057	0.754769	-1.32491	16.5785	4.85457	0.260287	1
cg19947621	KIF24	0.00589466	0.00397692	0.403233	-2.47995	0.00898527	0.45875	-2.17984	0.120873	0.67399	-1.4837	0.53842	1.15731	1.15731	0.00968844	0.464097	-2.15472	0.00249666	0.373286	-2.67891	0.014254	0.492121	-2.03202	0.389487	1.22979	1.22979	0.0108899	0.47247	-2.11654	6.97718	6.07941	0.774513	1
cg01062470	KIF24	0.0139554	0.0243999	0.266693	-3.74964	0.399725	0.653901	-1.52928	0.036903	0.302904	-3.30138	0.60122	1.29674	1.29674	0.000680571	0.0774385	-12.9135	0.190413	0.504959	-1.98036	0.0334218	0.293836	-3.40326	0.182755	0.498228	-2.00712	0.0141292	0.224844	-4.44754	5.30545	20.4031	3.4184	1
cg14096074	KIF24	0.0151167	0.641974	1.21975	1.21975	0.00492266	4.85709	4.85709	0.0184415	3.36289	3.36289	0.0223927	3.19242	3.19242	0.0191782	0.30051	-3.32768	0.0292367	2.97382	2.97382	0.479947	1.35615	1.35615	0.977889	1.01183	1.01183	0.182264	1.82318	1.82318	5.16744	14.7303	2.53386	1
cg13481374	KIF24	0.0337457	0.83178	1.05096	1.05096	0.611592	0.887233	-1.1271	0.575923	1.14115	1.14115	0.317438	0.785487	-1.2731	0.0238604	0.532626	-1.87749	0.743749	1.07965	1.07965	0.150446	1.43349	1.43349	0.86852	1.03947	1.03947	0.00164825	0.349018	-2.86518	3.91843	3.3877	0.768495	1
cg07506503	KIF24	0.0410829	0.926891	0.977934	-1.02256	0.0006651	3.54923	3.54923	0.688569	0.906692	-1.10291	0.228955	1.35927	1.35927	0.688263	1.10302	1.10302	0.309074	1.29166	1.29166	0.319219	1.28437	1.28437	0.938034	1.01908	1.01908	0.679985	0.904078	-1.1061	3.64701	3.41413	0.832127	1
cg04057106	KIF24	0.0415942	0.157565	0.785173	-1.2736	0.541924	0.905919	-1.10385	0.0812716	0.733969	-1.36245	0.00896385	0.587472	-1.70221	0.222728	1.22759	1.22759	0.130915	0.770265	-1.29825	0.0246711	1.53437	1.53437	0.889977	1.0224	1.0224	0.942511	1.01161	1.01161	3.63036	1.47256	0.360553	1
cg01259258	KIF25;KIF25	0.000119367	0.0226742	0.631636	-1.58319	0.00146584	0.46139	-2.16737	0.000981044	0.438073	-2.28272	0.0301708	0.650964	-1.53618	8.45E-06	0.195322	-5.11976	0.00028527	0.36868	-2.71238	0.932819	1.0143	1.0143	0.45909	0.880779	-1.13536	6.50E-05	0.29078	-3.43903	21.115	9.48388	0.399248	1
cg18319852	KIF25;KIF25	0.00014522	0.0946171	0.646909	-1.54581	0.106899	0.658834	-1.51783	0.168146	0.705959	-1.41651	0.773247	0.933804	-1.07089	1.14E-05	9.1011	9.1011	0.0274745	0.538902	-1.85562	0.000295195	0.247198	-4.04534	0.00502316	0.414833	-2.41061	0.0166661	0.500094	-1.99963	20.0309	17.83	0.79122	1
cg12003941	KIF25;KIF25	0.00106351	0.295439	0.697116	-1.43448	0.00450088	0.283875	-3.52268	0.0599348	0.493708	-2.02549	0.980439	0.99188	-1.00819	0.00042488	6.39807	6.39807	0.992939	1.00295	1.00295	0.00189493	0.231346	-4.32252	0.00138839	0.214155	-4.66952	0.052086	0.479597	-2.08508	11.5627	20.2507	1.55679	1
cg21477075	KIF25;KIF25	0.0012638	0.606763	0.940407	-1.06337	0.11647	0.817203	-1.22369	0.0176392	0.710591	-1.40728	0.605435	0.940189	-1.06362	0.0511135	0.768823	-1.30069	0.348844	1.12091	1.12091	7.71E-05	2.33351	2.33351	0.0500684	1.30266	1.30266	0.0118399	0.689429	-1.45047	11.0077	2.44175	0.197176	1
cg14316629	KIF25;KIF25	0.00133234	0.00509756	0.257858	-3.87811	0.0360808	0.409576	-2.44155	0.00516866	0.25875	-3.86473	0.0305259	0.394247	-2.53648	0.0831284	2.01877	2.01877	0.0026382	0.217873	-4.58983	0.000555755	0.140638	-7.11047	0.000702045	0.150794	-6.63156	0.00776192	0.285969	-3.49688	10.8425	23.0242	1.88757	1
cg16895216	KIF25;KIF25	0.00143719	0.0061495	0.380885	-2.62546	0.018848	0.463819	-2.15601	0.880105	1.0416	1.0416	0.00264675	0.325234	-3.07471	0.000146096	0.171198	-5.84118	0.000319689	0.207389	-4.82186	0.189955	0.687366	-1.45483	0.0833682	0.595949	-1.678	0.0588735	0.562044	-1.77922	10.6093	12.2538	1.02667	1
cg01878651	KIF25;KIF25	0.00243265	0.922973	0.989465	-1.01065	0.000264765	0.518889	-1.92719	0.0524512	0.785451	-1.27315	0.456402	0.920294	-1.08661	0.135712	1.19253	1.19253	0.307344	1.12268	1.12268	0.000964324	1.71287	1.71287	0.929182	0.990313	-1.00978	0.697576	1.04369	1.04369	9.10489	1.72917	0.168815	1
cg21906947	KIF25;KIF25	0.00684336	0.00566746	0.430869	-2.32089	0.00364345	0.401556	-2.49031	0.00650338	0.440232	-2.27153	0.220223	0.741551	-1.34852	0.0015345	0.34731	-2.87928	0.00612705	0.436161	-2.29273	0.968509	0.990884	-1.0092	0.679389	0.908092	-1.10121	0.29146	0.775745	-1.28908	6.66193	5.67785	0.757586	1
cg04775383	KIF25;KIF25	0.00793231	0.881539	0.958472	-1.04333	0.380432	0.77421	-1.29164	0.252504	0.71178	-1.40493	0.158933	0.651641	-1.53459	0.000113586	0.145506	-6.87259	0.309826	0.741609	-1.34842	0.124773	1.6043	1.6043	0.614483	0.865487	-1.15542	0.29008	0.731745	-1.3666	6.36113	8.1512	1.13903	1
cg23823000	KIF25;KIF25	0.0093571	0.00501075	0.238101	-4.1999	0.00897127	0.276822	-3.61243	0.0340642	0.384433	-2.60124	0.0463686	0.413995	-2.41549	0.00182776	0.180581	-5.53767	0.118405	0.519351	-1.92548	0.00739782	0.263515	-3.79485	0.60291	0.816407	-1.22488	0.0115631	0.295115	-3.38851	6.03726	14.282	2.10279	1
cg09545394	KIF25;KIF25	0.0119523	0.0575682	0.681485	-1.46738	0.0443701	0.662087	-1.51037	0.320902	1.20098	1.20098	0.00137629	0.436614	-2.29035	0.829107	1.03935	1.03935	0.954292	1.01029	1.01029	0.0135296	1.72594	1.72594	0.343946	1.19016	1.19016	0.384143	0.852701	-1.17274	5.5807	2.81835	0.448904	1
cg04090349	KIF25;KIF25	0.0168165	0.0375835	0.517555	-1.93216	0.524759	0.83864	-1.19241	0.0104995	0.415098	-2.40907	0.765897	0.921711	-1.08494	0.00097513	0.261997	-3.81684	0.826871	0.941949	-1.06163	0.989979	1.00343	1.00343	0.20052	0.691316	-1.44652	0.0118922	0.424362	-2.35648	4.98755	5.88821	1.04941	1
cg16320173	KIF25;KIF25	0.0173597	0.961761	0.991743	-1.00833	0.784182	0.953634	-1.04862	0.00766011	0.552804	-1.80896	0.478038	0.882726	-1.13285	0.766664	1.05281	1.05281	0.0414872	1.50165	1.50165	0.00205613	2.11889	2.11889	0.540635	1.11307	1.11307	0.428703	0.869602	-1.14995	4.93477	2.33736	0.421023	1
cg04680494	KIF25;KIF25	0.018393	0.0204851	0.120682	-8.28623	0.0425661	0.170614	-5.86117	0.0811018	0.231169	-4.32584	0.0947374	0.248888	-4.01787	0.00924329	0.0819271	-12.206	0.0442246	0.17371	-5.75673	0.00780702	0.0753023	-13.2798	0.00434575	0.0557983	-17.9217	0.0249558	0.132587	-7.54221	4.83981	43.9622	8.07417	1
cg02172773	KIF25;KIF25	0.019828	0.400766	0.812135	-1.23132	0.0276017	1.87803	1.87803	0.118727	1.50641	1.50641	0.205551	0.723894	-1.38142	0.0048879	0.405567	-2.46568	0.368813	1.25022	1.25022	0.0188582	0.502473	-1.99016	0.383227	0.805466	-1.24152	0.18569	0.712114	-1.40427	4.71839	4.37431	0.824068	1
cg16912129	KIF25;KIF25	0.0220939	0.817274	1.04627	1.04627	0.543883	0.886864	-1.12757	0.348913	1.20739	1.20739	0.168547	1.33208	1.33208	0.444991	0.85884	-1.16436	0.2981	0.809938	-1.23466	0.193963	0.764453	-1.30812	0.000963425	0.382648	-2.61337	0.0678788	1.49134	1.49134	4.54729	2.75084	0.537724	1
cg11186282	KIF25;KIF25	0.0313262	0.924865	0.974329	-1.02635	0.00252147	0.314645	-3.17818	0.547189	1.18288	1.18288	0.068414	1.755	1.755	0.113052	0.621579	-1.60881	0.197623	0.686973	-1.45566	0.302151	0.744749	-1.34273	0.230483	0.706926	-1.41457	0.135857	1.55754	1.55754	4.02437	4.84469	1.07008	1
cg03873264	KIF25;KIF25	0.0339523	0.0327876	0.277595	-3.60237	0.0718766	0.356592	-2.80433	0.0172546	0.225667	-4.4313	0.204724	0.503217	-1.98721	0.0341599	0.281258	-3.55546	0.396067	0.640182	-1.56206	0.162468	0.465207	-2.14958	0.00240306	0.114167	-8.75913	0.067248	0.349081	-2.86467	3.90982	16.3074	3.70746	1
cg15371806	KIF25;KIF25	0.0345902	0.0135812	0.126934	-7.87809	0.0434533	0.208142	-4.80441	0.103388	0.300008	-3.33324	0.093356	0.287237	-3.48145	0.0413588	0.20387	-4.9051	0.0341457	0.18809	-5.31661	0.0177688	0.142547	-7.01521	0.00923101	0.107155	-9.33226	0.0549435	0.22968	-4.35388	3.88364	28.0979	6.43107	1
cg17001430	KIF25;KIF25	0.0401386	0.0137499	0.200028	-4.9993	0.0844359	0.364788	-2.74132	0.0133714	0.198141	-5.04691	0.0931177	0.376824	-2.65376	0.00961449	0.176964	-5.65088	0.115358	0.404776	-2.4705	0.0882568	0.370177	-2.70141	0.0261745	0.248131	-4.03013	0.143122	0.435438	-2.29654	3.67845	16.2621	3.92971	1
cg18081515	KIF26A	8.02E-05	0.000104481	0.390292	-2.56219	0.71841	0.951536	-1.05093	2.10E-05	0.308365	-3.24291	0.0150061	0.663518	-1.50712	3.44E-05	0.333072	-3.00235	0.0209181	0.683	-1.46413	0.000190907	0.422125	-2.36897	0.0613423	1.33537	1.33537	0.141775	0.805149	-1.24201	23.4803	6.99936	0.264974	1
cg00742738	KIF26A	0.000354542	0.0302936	0.650074	-1.53829	0.108315	0.743602	-1.3448	0.0273509	1.55499	1.55499	0.0373477	1.50473	1.50473	0.481681	1.12856	1.12856	0.0593174	1.43336	1.43336	1.15E-05	0.20712	-4.82811	0.0612819	1.42845	1.42845	0.126107	0.755878	-1.32296	15.7135	7.11698	0.402598	1
cg23892535	KIF26A	0.000700836	0.000264735	0.472041	-2.11846	0.000676779	0.52149	-1.91758	0.0745464	0.779645	-1.28264	0.912149	0.986267	-1.01392	0.0109917	0.670474	-1.49148	0.530632	1.08284	1.08284	0.0183266	1.43144	1.43144	0.0331004	1.36639	1.36639	0.00187096	0.575376	-1.73799	13.0066	3.23399	0.221016	1
cg01172082	KIF26A	0.000848039	0.00815113	0.585197	-1.70883	0.946275	1.01072	1.01072	0.00431482	0.546768	-1.82893	0.686486	1.06631	1.06631	0.0825382	1.35561	1.35561	0.2876	1.19088	1.19088	2.70E-05	0.269462	-3.71109	0.952501	0.990619	-1.00947	0.041656	0.68965	-1.45001	12.3279	4.88773	0.352424	1
cg02216784	KIF26A	0.00157527	0.0532876	0.770623	-1.29765	0.000157629	0.464341	-2.15359	0.292663	1.13833	1.13833	0.405852	1.10619	1.10619	0.533882	1.07764	1.07764	0.00158542	1.71279	1.71279	0.0166498	1.41477	1.41477	0.462767	0.915115	-1.09276	0.82287	0.973743	-1.02697	10.3328	2.30483	0.198276	1
cg18103756	KIF26A	0.00234572	0.807674	0.922426	-1.0841	0.0476072	2.1172	2.1172	0.368043	0.736293	-1.35815	0.326625	0.71512	-1.39837	0.223258	0.654626	-1.52759	0.0316408	0.434219	-2.30299	4.25E-05	0.0760277	-13.1531	0.740554	1.1163	1.1163	0.0766979	0.521071	-1.91912	9.20271	15.9774	1.54326	1
cg21515956	KIF26A	0.00257363	0.0308726	0.642029	-1.55756	0.00501049	0.522516	-1.91382	0.0438046	1.4994	1.4994	0.046592	1.4894	1.4894	0.0242769	0.625368	-1.59906	0.00763893	1.8212	1.8212	0.0745448	0.706607	-1.41521	0.00894057	1.78842	1.78842	0.0895441	0.720926	-1.3871	8.95516	4.33406	0.430199	1
cg13572596	KIF26A	0.00262774	0.138696	0.858024	-1.16547	0.929914	1.00849	1.00849	0.498491	0.936119	-1.06824	0.316035	1.10471	1.10471	0.328496	1.10174	1.10174	0.0331599	1.27029	1.27029	7.80E-05	1.98722	1.98722	0.719103	1.03531	1.03531	0.0197219	0.762962	-1.31068	8.90038	1.30095	0.129927	1
cg19777396	KIF26A	0.00357469	0.119553	0.632459	-1.58113	0.0248569	2.06334	2.06334	0.195883	0.690057	-1.44915	0.74315	1.09329	1.09329	0.00896409	0.405947	-2.46337	0.636218	0.87877	-1.13795	0.000119822	0.161378	-6.19665	0.372619	0.78015	-1.2818	0.242471	0.717639	-1.39346	8.12229	9.46377	1.0357	1
cg14251173	KIF26A	0.00447259	0.0140078	0.7055	-1.41744	0.138421	0.832426	-1.20131	0.180574	1.1776	1.1776	0.0324912	1.33348	1.33348	0.949936	0.992806	-1.00725	0.0296536	1.34225	1.34225	0.000699896	1.81181	1.81181	0.100337	1.22996	1.22996	0.0793383	0.799362	-1.251	7.59178	1.58952	0.18611	1
cg00016406	KIF26A	0.00466076	0.0097261	1.33887	1.33887	0.907412	0.989671	-1.01044	0.0715669	1.19668	1.19668	0.487328	1.065	1.065	0.59449	0.953185	-1.04911	0.00814736	1.35286	1.35286	0.0145949	1.30787	1.30787	0.00437602	0.71203	-1.40444	0.0196153	0.777546	-1.2861	7.49737	0.945542	0.112104	1
cg19992808	KIF26A	0.00638352	0.833349	0.958989	-1.04276	0.00212863	2.3583	2.3583	0.863607	0.966405	-1.03476	0.859486	1.03585	1.03585	0.0164555	0.558472	-1.7906	0.28242	0.80092	-1.24856	0.296023	0.806252	-1.24031	0.0021858	0.425664	-2.34927	0.024922	0.588355	-1.69965	6.80744	4.25873	0.556089	1
cg23962342	KIF26A	0.00748439	0.371585	1.17209	1.17209	0.00011413	0.309726	-3.22866	0.275228	0.821627	-1.2171	0.814783	0.960198	-1.04145	0.857803	1.03153	1.03153	0.849386	0.967631	-1.03345	0.166045	1.29128	1.29128	0.196222	0.789364	-1.26684	0.447059	0.874478	-1.14354	6.47824	3.07351	0.421722	1
cg13243638	KIF26A	0.00778186	0.0138503	0.605961	-1.65027	0.18242	1.26248	1.26248	0.0103509	0.587451	-1.70227	0.00197683	2.0543	2.0543	0.0479434	1.45127	1.45127	0.387473	1.15708	1.15708	0.40005	0.867716	-1.15245	0.402683	0.868435	-1.1515	0.470848	0.886189	-1.12843	6.39953	2.74973	0.381936	1
cg21519510	KIF26A	0.0077857	0.0616647	0.751753	-1.33022	0.00585913	0.613241	-1.63068	0.152935	0.812604	-1.23061	0.20422	1.19919	1.19919	0.43296	0.897194	-1.11459	0.0445309	1.36719	1.36719	0.00923938	1.56505	1.56505	0.0283156	1.42045	1.42045	0.0882904	0.77494	-1.29042	6.39853	1.86253	0.258744	1
cg18287067	KIF26A	0.00828742	0.391339	0.805472	-1.24151	0.0591916	1.68997	1.68997	0.428869	1.2201	1.2201	0.551906	1.1598	1.1598	0.00109797	0.30554	-3.27289	0.652978	0.894508	-1.11793	0.00147632	0.323017	-3.09581	0.81374	0.943523	-1.05986	0.997715	1.00071	1.00071	6.27399	6.02858	0.854119	1
cg18653282	KIF26A	0.00886186	0.386618	1.13271	1.13271	0.0506895	0.73151	-1.36703	0.000543477	2.12718	2.12718	0.296524	1.16414	1.16414	0.676562	1.06068	1.06068	0.88723	0.980273	-1.02012	0.0169673	0.664423	-1.50506	0.920513	1.01411	1.01411	0.0967881	1.29171	1.29171	6.14243	1.91807	0.27757	1
cg02281662	KIF26A	0.00922735	0.0914851	0.761048	-1.31398	0.890108	1.02052	1.02052	0.0310989	0.689498	-1.45033	0.0960204	0.76446	-1.30811	0.000215825	0.403636	-2.47748	0.610679	0.927335	-1.07836	0.604015	1.07991	1.07991	0.0276091	0.682006	-1.46626	0.145543	0.794832	-1.25813	6.06413	2.07349	0.303936	1
cg19660729	KIF26A	0.012579	0.035292	2.65956	2.65956	0.448445	1.36101	1.36101	0.152542	1.84301	1.84301	0.942981	0.971863	-1.02895	0.0738636	0.451602	-2.21434	0.23793	1.63765	1.63765	0.00653164	4.09605	4.09605	0.0396886	2.5832	2.5832	0.00156213	6.1327	6.1327	5.48877	13.8394	2.24125	1
cg02189738	KIF26A	0.0138113	0.57415	0.90476	-1.10527	0.291837	0.824653	-1.21263	0.020847	0.612479	-1.63271	0.422723	0.865587	-1.15529	0.140841	1.32209	1.32209	0.0904112	1.38942	1.38942	0.00109198	2.33792	2.33792	0.146435	1.31624	1.31624	0.868611	0.971238	-1.02961	5.32357	2.61976	0.437428	1
cg24152000	KIF26A	0.0154789	0.31178	0.658122	-1.51948	0.018191	3.14685	3.14685	0.0910226	2.10491	2.10491	0.91117	0.956362	-1.04563	0.0099587	0.272171	-3.67416	0.563237	1.2632	1.2632	0.0216389	0.332029	-3.01179	0.0532494	2.406	2.406	0.106769	2.0219	2.0219	5.12706	12.9798	2.25033	1
cg10127037	KIF26A	0.0159466	0.153676	0.593809	-1.68404	0.843529	0.934794	-1.06975	0.0623932	0.488862	-2.04557	0.278348	1.46904	1.46904	0.00473444	0.277986	-3.59731	0.244457	0.660034	-1.51507	0.000921997	0.184724	-5.41347	0.875799	0.948031	-1.05482	0.668601	0.863352	-1.15828	5.07663	9.36058	1.63898	1
cg06760280	KIF26A	0.0169754	0.0500491	0.688127	-1.45322	0.0012596	0.45494	-2.19809	0.254442	1.22025	1.22025	0.863802	0.971688	-1.02914	0.706896	1.06523	1.06523	0.913562	1.01833	1.01833	0.685369	1.07051	1.07051	0.0665396	1.41082	1.41082	0.0316202	0.656034	-1.52431	4.97189	2.20348	0.393944	1
cg14120984	KIF26A	0.0295481	0.363706	0.773503	-1.29282	0.00898525	0.400894	-2.49442	0.0307884	0.49763	-2.00953	0.572348	1.16996	1.16996	0.00644166	0.377252	-2.65075	0.375845	0.77876	-1.28409	0.259836	0.723692	-1.3818	0.10054	1.64041	1.64041	0.201724	0.690109	-1.44905	4.1089	4.92608	1.06567	1
cg04946506	KIF26A	0.0321541	0.26763	0.840033	-1.19043	0.196099	0.813547	-1.22918	0.456664	0.891874	-1.12123	0.0260009	0.67109	-1.49011	0.00559529	0.577424	-1.73183	0.981331	1.00354	1.00354	0.275975	1.18657	1.18657	0.0327879	0.685931	-1.45787	0.0122187	0.624208	-1.60203	3.98702	1.43884	0.320783	1
cg22812030	KIF26A	0.0399777	0.500696	0.752851	-1.32828	0.932046	1.03606	1.03606	0.413689	1.41493	1.41493	0.481933	0.743151	-1.34562	0.027797	0.339573	-2.94488	0.896753	0.947506	-1.0554	0.0011304	0.1367	-7.31531	0.886312	1.06122	1.06122	0.356614	0.674492	-1.4826	3.68389	10.0648	2.42854	1
cg11792470	KIF26A	0.0401817	0.199574	0.753854	-1.32652	0.56184	1.13008	1.13008	0.049406	0.626548	-1.59605	0.0349299	0.599026	-1.66938	0.00820327	0.494031	-2.02416	0.0827452	0.669929	-1.4927	0.108333	1.44082	1.44082	0.285198	0.793398	-1.2604	0.102887	0.689341	-1.45066	3.67699	2.53132	0.61193	1
cg19003626	KIF26A	0.0409028	0.320233	0.748386	-1.33621	0.0246522	2.12774	2.12774	0.0111767	0.407667	-2.45298	0.0324592	0.493361	-2.02691	0.634034	1.14492	1.14492	0.721072	1.10646	1.10646	0.314166	1.34144	1.34144	0.241296	1.4136	1.4136	0.536929	0.83825	-1.19296	3.65294	4.60716	1.12109	1
cg24706981	KIF26A	0.0418663	0.0276656	2.62389	2.62389	0.0326853	2.5246	2.5246	0.55658	1.24649	1.24649	0.0475737	2.31547	2.31547	0.118377	1.87424	1.87424	0.0704362	2.11535	2.11535	0.813005	1.09178	1.09178	0.0562747	2.22769	2.22769	0.00372568	4.26998	4.26998	3.6216	7.87506	1.93286	1
cg10824725	KIF26A	0.0452531	0.489124	0.858181	-1.16525	0.798865	0.94594	-1.05715	0.190238	0.739386	-1.35247	0.947006	0.985636	-1.01457	0.160889	1.38536	1.38536	0.0694947	1.55569	1.55569	0.00362778	2.35543	2.35543	0.237307	1.30926	1.30926	0.166279	0.725227	-1.37888	3.51813	2.63958	0.666915	1
cg23014549	KIF26B	2.19E-05	1.07E-05	0.139091	-7.18953	0.0274855	0.578573	-1.72839	1.70E-05	0.15689	-6.3739	0.606978	0.896834	-1.11503	8.61E-05	0.227811	-4.38961	1.04E-05	0.138237	-7.23393	4.09E-05	0.193596	-5.16541	0.284603	0.791951	-1.2627	0.00063022	0.332018	-3.01189	33.0717	23.0663	0.619968	1
cg05774054	KIF26B	6.12E-05	0.0431312	0.707946	-1.41254	0.000162461	0.384688	-2.59951	6.94E-06	0.228071	-4.38461	0.00451195	0.570163	-1.75389	0.00580432	0.584878	-1.70976	0.0087445	0.609085	-1.64181	0.000214921	2.50201	2.50201	0.210217	0.822016	-1.21652	0.00974866	0.615567	-1.62452	25.2295	8.80416	0.31019	1
cg16362305	KIF26B	0.000121482	0.00148082	0.555251	-1.80099	1.52E-05	0.316859	-3.15598	0.0018093	0.566	-1.76678	0.0431479	0.741927	-1.34784	0.000216191	0.452937	-2.20781	0.000935236	0.530664	-1.88443	4.67E-05	0.373199	-2.67953	0.770575	1.03823	1.03823	0.0138255	0.676818	-1.4775	21.0157	5.479	0.231742	1
cg21382878	KIF26B	0.000378946	0.0260164	0.713882	-1.40079	0.0238311	1.41066	1.41066	0.00963578	1.5189	1.5189	0.939637	1.00971	1.00971	0.0664442	0.769056	-1.3003	0.621675	1.06551	1.06551	0.000951119	1.87452	1.87452	3.92E-05	0.36631	-2.72993	0.178076	0.833136	-1.20028	15.4283	3.97684	0.229122	1
cg11424312	KIF26B	0.000416752	0.223	0.601633	-1.66214	0.00192407	0.175114	-5.71056	0.000883553	0.138423	-7.22423	0.00504399	0.229548	-4.35639	0.00207343	0.178965	-5.58767	0.258425	0.626305	-1.59667	8.24E-05	0.0599104	-16.6916	0.0651361	0.439687	-2.27435	6.64E-05	0.0549068	-18.2127	15.0291	37.4803	2.21675	1
cg22257101	KIF26B	0.000874069	0.148319	1.14828	1.14828	0.00634745	1.37276	1.37276	0.330719	0.914393	-1.09362	0.0179155	1.29246	1.29246	0.816957	1.02089	1.02089	0.733707	0.97001	-1.03092	2.80E-05	2.08598	2.08598	0.089189	0.846085	-1.18191	0.0720157	0.83605	-1.1961	12.2232	1.53925	0.111937	1
cg10776230	KIF26B	0.00108461	0.160406	1.4207	1.4207	0.005552	2.34704	2.34704	0.0180669	1.95904	1.95904	0.0018168	2.82376	2.82376	0.971785	0.991752	-1.00832	0.152361	1.43189	1.43189	0.000189355	4.36589	4.36589	0.000247264	4.12551	4.12551	0.00289086	2.60963	2.60963	11.4982	9.9855	0.771944	1
cg03130248	KIF26B	0.00159034	0.00806112	0.208912	-4.78671	0.207435	0.541537	-1.8466	0.741465	0.858343	-1.16504	0.0154221	3.94106	3.94106	0.000947713	0.102922	-9.71609	0.00101783	0.105603	-9.46942	0.274864	0.592049	-1.68905	0.484033	1.38838	1.38838	0.0012016	0.112038	-8.92553	10.3044	34.7409	2.99685	1
cg07953201	KIF26B	0.00169453	0.00904045	5.28605	5.28605	0.00230907	8.46927	8.46927	0.0326291	3.50672	3.50672	?	?	?	0.00513535	6.39065	6.39065	0.00980303	5.14715	5.14715	0.00042217	16.5002	16.5002	0.000887774	12.1667	12.1667	0.0116792	4.86114	4.86114	10.3508	36.6918	3.54482	1
cg07971584	KIF26B	0.00186297	0.452493	1.08164	1.08164	0.079577	0.819121	-1.22082	0.034049	0.77595	-1.28874	0.072721	1.22789	1.22789	0.0128863	1.37247	1.37247	0.00688745	1.4315	1.4315	0.000937349	1.65901	1.65901	0.0395461	0.783393	-1.2765	0.00336871	1.50522	1.50522	9.84305	1.63911	0.148022	1
cg05957703	KIF26B	0.00195543	0.00553263	0.710151	-1.40815	0.0161427	0.758562	-1.31828	0.375885	0.91822	-1.08906	0.709067	0.965425	-1.03581	0.00659741	0.718102	-1.39256	0.0630762	0.821779	-1.21687	0.00024714	1.76515	1.76515	0.174185	0.873092	-1.14536	0.747297	0.970105	-1.03082	9.70539	1.35484	0.124086	1
cg09368188	KIF26B	0.00241377	0.00855877	0.198004	-5.0504	0.00206021	0.122985	-8.13106	0.0195705	3.90418	3.90418	0.191914	0.513272	-1.94829	0.00616955	0.178229	-5.61075	0.0843335	0.397758	-2.51409	0.00343474	0.146765	-6.81362	0.00232226	0.128269	-7.79609	0.0188676	0.253289	-3.94806	9.12575	33.6911	3.28167	1
cg08461899	KIF26B	0.00261725	0.725262	0.97251	-1.02827	0.000719208	1.50176	1.50176	0.00148827	1.43616	1.43616	0.557482	0.954214	-1.04798	0.00879636	0.768304	-1.30157	0.0230592	1.23949	1.23949	0.0142669	1.26968	1.26968	0.431491	1.06548	1.06548	0.528647	1.05172	1.05172	8.91089	0.880835	0.087866	1
cg10613684	KIF26B	0.00313109	0.000110216	0.332204	-3.0102	0.609019	0.919863	-1.08712	0.432891	1.13836	1.13836	0.497496	1.11799	1.11799	0.0972758	0.744786	-1.34267	0.0630797	0.71282	-1.40288	0.00824858	1.72818	1.72818	0.595815	0.916969	-1.09055	0.781206	0.955917	-1.04612	8.45004	3.50883	0.369106	1
cg11912591	KIF26B	0.00338612	0.218437	1.57483	1.57483	0.00498002	3.68459	3.68459	0.0770623	1.9931	1.9931	0.183188	1.64128	1.64128	0.178941	1.65023	1.65023	0.0165664	2.79217	2.79217	0.000157963	9.65147	9.65147	0.00360906	3.98367	3.98367	0.00523516	3.64083	3.64083	8.25505	16.0919	1.73275	1
cg03327643	KIF26B	0.0034535	0.0174975	0.42445	-2.35599	0.00318299	0.303134	-3.29887	0.0594691	0.532399	-1.87829	0.221677	0.683438	-1.46319	0.000258078	0.168298	-5.94183	0.0034212	0.307732	-3.24958	0.0104828	0.384983	-2.59752	0.761219	1.09452	1.09452	0.0387395	0.492015	-2.03246	8.20657	11.4121	1.23609	1
cg02115218	KIF26B	0.004429	0.188598	0.798936	-1.25166	0.0064803	1.76884	1.76884	0.0197464	1.57412	1.57412	0.0685423	0.719949	-1.38899	0.00160777	2.07303	2.07303	0.611444	1.08606	1.08606	0.00182468	2.04185	2.04185	0.243794	1.21716	1.21716	0.9086	1.01868	1.01868	7.61436	3.13162	0.36558	1
cg22497563	KIF26B	0.00492555	0.0366998	0.694956	-1.43894	0.0976241	0.761474	-1.31324	0.0256723	0.672099	-1.48788	0.293423	0.849248	-1.17751	0.000694186	0.46025	-2.17273	0.336677	1.16011	1.16011	0.0164313	1.55209	1.55209	0.308093	1.17137	1.17137	0.0197001	0.655512	-1.52552	7.37226	2.62464	0.316459	1
cg21301514	KIF26B	0.00524638	0.00760598	0.268483	-3.72464	0.00172113	0.180193	-5.54961	0.0147808	0.316889	-3.15568	0.0135665	0.310284	-3.22285	0.00204584	0.189207	-5.28523	0.0257287	0.362468	-2.75887	0.00246621	0.199303	-5.01748	0.0370124	0.395395	-2.52912	0.0662012	0.454092	-2.2022	7.23147	16.8104	2.06633	1
cg01787565	KIF26B	0.00746451	0.00316836	0.31578	-3.16677	0.0983069	1.6794	1.6794	0.108186	0.605845	-1.65059	0.784327	0.924554	-1.0816	0.453129	0.8037	-1.24425	0.000973496	0.245821	-4.06801	0.690998	1.12103	1.12103	0.102118	1.66792	1.66792	0.310226	1.35018	1.35018	6.48363	8.39571	1.15103	1
cg11586600	KIF26B	0.00828537	0.140877	1.91213	1.91213	0.00361175	5.33951	5.33951	0.000663605	9.62957	9.62957	0.26659	1.60219	1.60219	0.857121	1.07567	1.07567	0.0545761	0.406509	-2.45997	0.52835	0.771801	-1.29567	0.082683	2.2039	2.2039	0.172852	1.80886	1.80886	7.17173	18.2094	1.97482	1
cg08886301	KIF26B	0.00885097	0.0627285	2.09452	2.09452	0.00575355	3.58856	3.58856	0.051889	2.18353	2.18353	0.166866	1.68253	1.68253	0.025458	2.55359	2.55359	0.0405729	2.30453	2.30453	0.00101291	5.59299	5.59299	0.00313809	4.16044	4.16044	0.0262558	2.53622	2.53622	6.14483	12.1299	1.75466	1
cg26677288	KIF26B	0.00912139	0.00682678	0.047753	-20.9411	0.00923493	0.0568078	-17.6032	0.0348015	0.118189	-8.46105	0.522971	0.570106	-1.75406	0.00836632	0.0536919	-18.6248	0.0165045	0.0786661	-12.712	0.00211573	0.0234997	-42.5538	0.157437	0.269224	-3.71438	0.00749205	0.0503917	-19.8445	6.08643	72.6259	10.6066	1
cg11587466	KIF26B	0.00971879	0.0188776	0.386842	-2.58504	0.0188489	2.58587	2.58587	0.186163	0.626204	-1.59692	0.0755764	0.51655	-1.93592	0.00252205	0.246452	-4.05759	0.00667225	0.308696	-3.23944	0.687902	1.14437	1.14437	0.361188	0.730908	-1.36816	0.24738	0.66771	-1.49766	5.96473	10.5358	1.57009	1
cg01822600	KIF26B	0.0120252	0.0316605	0.288314	-3.46843	0.00857738	0.19104	-5.2345	0.0123285	0.214708	-4.65748	0.0676562	0.363988	-2.74735	0.0157844	0.232195	-4.30672	0.0222819	0.258636	-3.86643	0.0303062	0.284458	-3.51546	0.0470806	3.07062	3.07062	0.368432	0.633764	-1.57787	5.5697	21.5002	3.4313	1
cg27431182	KIF26B	0.012794	0.00506901	0.34736	-2.87886	0.362488	0.765595	-1.30617	0.930057	1.02537	1.02537	0.397334	1.28059	1.28059	0.00932163	0.390156	-2.56308	0.259596	1.3988	1.3988	0.33492	1.32815	1.32815	0.263749	1.39439	1.39439	0.00422315	0.335156	-2.98368	5.45853	7.04053	1.14651	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26072254	KIF26B	0.0144575	0.0401169	2.17934	2.17934	0.0363306	2.22391	2.22391	0.0188848	2.54464	2.54464	0.53572	1.22873	1.22873	0.0418925	2.16016	2.16016	0.0285085	2.33712	2.33712	0.0019539	4.214	4.214	0.0050294	3.38292	3.38292	0.033625	2.25938	2.25938	5.24409	8.95968	1.51869	1
cg13953828	KIF26B	0.0154231	0.6112	1.06155	1.06155	0.0445395	1.30836	1.30836	0.088655	1.24461	1.24461	0.449479	0.914121	-1.09395	0.38949	1.10821	1.10821	0.0793925	1.25468	1.25468	0.175956	1.18252	1.18252	0.0121653	1.43919	1.43919	0.000578948	1.85936	1.85936	5.13321	1.10361	0.191106	1
cg15561613	KIF26B	0.0170313	0.0329391	7.84511	7.84511	0.0073777	17.3056	17.3056	0.120909	4.01031	4.01031	0.186659	3.17706	3.17706	0.0923919	4.61583	4.61583	0.0776523	5.05028	5.05028	0.00142762	45.1237	45.1237	0.00958038	15.0098	15.0098	0.0564505	5.95024	5.95024	4.96643	53.6366	9.59985	1
cg12054521	KIF26B	0.0197226	0.107201	0.742105	-1.34752	0.196189	0.793083	-1.2609	0.690491	1.07025	1.07025	0.0619631	1.42834	1.42834	0.197298	0.79359	-1.2601	0.00439582	0.524624	-1.90613	0.323504	1.18883	1.18883	0.0072756	0.555875	-1.79897	0.148491	0.768831	-1.30068	4.72693	2.15403	0.405061	1
cg16591381	KIF26B	0.0222164	0.163156	1.26813	1.26813	0.123173	0.766039	-1.30542	0.00684318	0.571785	-1.74891	0.253558	0.826718	-1.2096	0.204112	1.23848	1.23848	0.0172895	1.58844	1.58844	0.0471875	1.43681	1.43681	0.612962	0.921819	-1.08481	0.538097	1.10461	1.10461	4.53866	1.83075	0.358549	1
cg25143359	KIF26B	0.0232544	0.0728618	0.676251	-1.47874	0.140371	1.36357	1.36357	0.620831	1.1024	1.1024	0.76152	1.06132	1.06132	0.000717204	0.365403	-2.73671	0.342694	0.826029	-1.21061	0.166606	0.749511	-1.3342	0.91578	0.979531	-1.0209	0.700778	1.07841	1.07841	4.46788	2.70477	0.538118	1
cg07915884	KIF26B	0.023275	0.0504166	0.334838	-2.98652	0.461519	1.44455	1.44455	0.412582	1.50837	1.50837	0.366738	0.634473	-1.57611	0.0143465	0.227377	-4.39798	0.2696	0.568886	-1.75782	0.0042898	0.153481	-6.51546	0.406883	1.51633	1.51633	0.0159966	0.235276	-4.25033	4.46651	17.0298	3.38913	1
cg21400442	KIF26B	0.0238856	0.00877342	0.25976	-3.84971	0.15262	0.538653	-1.85648	0.579127	0.797508	-1.25391	0.111121	0.496133	-2.01559	0.00389609	0.208147	-4.80429	0.623501	0.818887	-1.22117	0.730686	1.14975	1.14975	0.480901	0.748756	-1.33555	0.00423101	0.213007	-4.69467	4.42672	11.4339	2.29595	1
cg00657694	KIF26B	0.0258435	0.505074	0.913585	-1.09459	0.803241	0.96719	-1.03392	0.00518063	0.610699	-1.63747	0.681016	0.946263	-1.05679	0.0592318	1.32924	1.32924	0.0867882	1.28757	1.28757	0.0102751	1.54068	1.54068	0.81744	0.969574	-1.03138	0.877623	0.979619	-1.0208	4.30714	1.21813	0.251391	1
cg15148028	KIF26B	0.0296094	0.215828	1.7891	1.7891	0.577434	1.28575	1.28575	0.0152921	0.264518	-3.78046	0.181627	1.88367	1.88367	0.84278	0.915138	-1.09273	0.541077	1.31825	1.31825	0.00859635	4.46662	4.46662	0.0620615	2.55529	2.55529	0.0299821	3.12732	3.12732	4.10588	12.9684	2.80755	1
cg25606066	KIF26B	0.0297676	0.834038	1.05399	1.05399	0.00396608	2.6404	2.6404	0.0108142	2.23062	2.23062	0.234359	1.36673	1.36673	0.0284617	0.523077	-1.91176	0.840331	1.05186	1.05186	0.459571	1.2077	1.2077	0.599018	1.14222	1.14222	0.62144	1.13286	1.13286	4.09813	4.07678	0.884257	1
cg00943287	KIF26B	0.0307712	0.0112233	0.568179	-1.76001	0.466226	0.876395	-1.14104	0.0388425	0.653371	-1.53052	0.0877957	0.715138	-1.39833	0.0935537	0.720236	-1.38843	0.472884	1.13872	1.13872	0.644746	1.08612	1.08612	0.438704	1.1509	1.1509	0.00496823	0.515949	-1.93818	4.05011	2.03095	0.445739	1
cg26660656	KIF26B	0.0324688	0.845438	1.0739	1.0739	0.798116	1.09816	1.09816	0.590353	1.21961	1.21961	0.130908	1.81458	1.81458	0.204714	0.613315	-1.63048	0.9689	1.01434	1.01434	0.00208968	4.86419	4.86419	0.977293	0.989656	-1.01045	0.00888267	3.37511	3.37511	3.97313	8.39775	1.87879	1
cg03896752	KIF26B	0.033255	0.0303099	0.537557	-1.86027	0.580086	0.872646	-1.14594	0.0532103	0.585427	-1.70816	0.380607	0.803136	-1.24512	0.00114877	0.311951	-3.20563	0.0947355	0.639122	-1.56465	0.104512	0.648849	-1.54119	0.963393	0.988874	-1.01125	0.104688	0.649019	-1.54079	3.93914	3.70718	0.836546	1
cg18199753	KIF26B	0.0362688	0.156455	1.94662	1.94662	0.96337	1.02039	1.02039	0.0540945	0.382642	-2.61341	0.0437327	2.76952	2.76952	?	?	?	0.876181	1.07092	1.07092	0.838649	1.09373	1.09373	0.00919344	4.27702	4.27702	0.0306208	3.05301	3.05301	3.87897	10.5443	2.71832	1
cg00643651	KIF26B	0.0367918	0.0275021	0.243878	-4.10041	0.0993835	0.376206	-2.65811	0.0507371	0.299753	-3.33608	0.165528	0.449096	-2.2267	0.00464418	0.130307	-7.67416	0.0256432	0.238161	-4.19884	0.0242276	0.233613	-4.28058	0.556873	0.724992	-1.37933	0.0418447	0.280956	-3.55928	3.79766	17.6196	4.12407	1
cg03320441	KIF26B	0.0372545	0.027039	0.678033	-1.47486	0.244138	1.19826	1.19826	0.382388	1.14221	1.14221	0.29845	0.852165	-1.17348	0.634007	0.931282	-1.07379	0.341847	1.15647	1.15647	0.011732	0.626684	-1.5957	0.0472113	1.4008	1.4008	0.162805	1.24751	1.24751	3.7804	1.31914	0.310171	1
cg07832111	KIF26B	0.0446265	0.224276	0.693336	-1.4423	0.844799	1.05784	1.05784	0.754959	1.09398	1.09398	0.0539631	0.533855	-1.87317	0.00273089	0.305186	-3.27669	0.158497	0.648911	-1.54104	0.0294513	0.47918	-2.0869	0.559086	1.1847	1.1847	0.177149	0.662637	-1.50912	3.53654	4.61004	1.15871	1
cg09265377	KIF26B	0.048136	0.405754	1.259	1.259	0.836703	0.945648	-1.05748	0.892295	0.963982	-1.03736	0.0687982	0.576096	-1.73582	0.00150987	0.290047	-3.44771	0.546536	1.17966	1.17966	0.341324	0.76682	-1.30409	0.380017	1.27614	1.27614	0.817499	0.939328	-1.06459	3.43729	3.99149	1.03221	1
cg24641254	KIF26B	0.0482317	0.270334	0.757972	-1.31931	0.0516463	0.585801	-1.70706	0.0321636	0.545609	-1.83281	0.309624	0.775808	-1.28898	0.539721	0.860796	-1.16171	0.787572	1.06738	1.06738	0.00750877	2.29505	2.29505	0.250733	0.748443	-1.33611	0.420423	0.819766	-1.21986	3.43471	3.17101	0.820644	1
cg03531853	KIF27	0.00407343	0.00451346	0.374268	-2.67188	0.832523	0.946496	-1.05653	0.0188753	2.09278	2.09278	0.000585452	3.97466	3.97466	0.0306617	0.51719	-1.93352	0.781022	1.07505	1.07505	0.657389	1.12289	1.12289	0.228466	0.720206	-1.38849	0.524739	0.845883	-1.1822	7.80953	8.33986	0.949252	1
cg13786666	KIF27	0.00810995	0.00191211	0.579923	-1.72437	0.265182	1.15482	1.15482	0.97619	0.996307	-1.00371	0.939301	0.990604	-1.00949	0.156281	1.20683	1.20683	0.172241	1.19735	1.19735	0.00158481	0.569996	-1.7544	0.0456576	0.752723	-1.32851	0.379956	0.894361	-1.11812	6.31694	1.53739	0.216334	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21799246	KIFC1	0.00616563	0.903416	1.01974	1.01974	0.455409	0.884762	-1.13025	0.0835971	1.36124	1.36124	0.912954	0.982544	-1.01777	0.00349942	0.528364	-1.89263
cg11223101	KIFC1	0.00670172	0.00803977	0.411747	-2.42868	0.0205096	0.482159	-2.07401	0.154948	0.671811	-1.48851	0.451778	0.818453	-1.22182	0.0186519	0.474651	-2.10681
cg12805458	KIFC1	0.0100151	0.872224	0.977631	-1.02288	0.962787	1.00658	1.00658	0.967382	1.00576	1.00576	0.538906	1.09138	1.09138	0.000273685	0.432597	-2.31162
cg11376354	KIFC1	0.0100403	0.127238	0.638997	-1.56495	0.853403	1.05151	1.05151	0.00588905	0.375867	-2.66052	0.586684	0.861517	-1.16074	0.00150837	0.288973	-3.46053
cg25637708	KIFC1	0.011195	0.0344421	0.211848	-4.72036	0.0164074	0.157989	-6.32957	0.0177488	0.163035	-6.13365	0.0623757	0.267213	-3.74234	0.00268593	0.0735257	-13.6007
cg27261921	KIFC1	0.0118264	0.0130075	0.424198	-2.35739	0.00227705	0.304951	-3.27921	0.0336845	0.501437	-1.99427	0.464352	0.812828	-1.23027	0.0254547	0.477601	-2.0938
cg06408571	KIFC1	0.0132808	0.0606118	0.764663	-1.30777	0.454381	0.907869	-1.10148	0.793969	1.03375	1.03375	0.859671	0.977805	-1.0227	0.00332892	0.602364	-1.66013
cg07252363	KIFC1	0.0149543	0.0112793	0.206817	-4.83518	0.00268807	0.127488	-7.84386	0.104564	0.414396	-2.41315	0.170771	0.484693	-2.06316	0.0180634	0.240273	-4.16193
cg24345551	KIFC1	0.0149597	0.0228505	0.454413	-2.20064	0.00272978	0.301729	-3.31424	0.0293161	0.475436	-2.10333	0.337836	0.751136	-1.33132	0.00496467	0.340532	-2.93659
cg12052754	KIFC1	0.0150938	0.44787	1.10263	1.10263	0.173314	0.832766	-1.20082	0.209116	0.846011	-1.18202	0.981128	0.997017	-1.00299	0.000341824	0.482651	-2.07189
cg00913755	KIFC1	0.026754	0.568159	1.54004	1.54004	0.542785	1.58623	1.58623	0.305712	2.22731	2.22731	0.00197009	0.0238475	-41.9331	?	?	?
cg25659672	KIFC1	0.0289985	0.0488168	0.614084	-1.62844	0.00214365	0.392802	-2.54581	0.004201	0.435621	-2.29557	0.773667	0.939421	-1.06449	0.413002	0.834113	-1.19888
cg18677473	KIFC1	0.0303039	0.676014	1.0869	1.0869	0.419953	0.849269	-1.17748	0.215485	1.29497	1.29497	0.038751	1.60728	1.60728	0.0717877	0.671285	-1.48968
cg00925037	KIFC1	0.0314471	0.0369847	0.719818	-1.38924	0.869943	0.978007	-1.02249	0.449731	0.900745	-1.11019	0.0626808	0.752559	-1.3288	0.282968	0.8595	-1.16347
cg22413420	KIFC1	0.037444	0.876481	1.03188	1.03188	?	?	?	0.0959446	0.691482	-1.44617	?	?	?	0.0474158	0.632795	-1.58029
cg15086199	KIFC1	0.0375928	0.0121524	0.250307	-3.99509	0.0657716	0.400537	-2.49665	0.0764293	0.417507	-2.39517	0.321249	0.635002	-1.5748	0.0310037	0.325578	-3.07146
cg26313319	KIFC1	0.0385544	0.0256855	0.301637	-3.31524	0.00537586	0.190565	-5.24756	0.0902206	0.429778	-2.32678	0.126196	0.473153	-2.11348	0.0154338	0.260748	-3.83512
cg15076820	KIFC1	0.0395547	0.270778	0.737307	-1.35629	0.041271	0.534874	-1.8696	0.440194	0.811214	-1.23272	0.0976337	0.616894	-1.62102	0.00415411	0.360177	-2.77641
cg09040034	KIFC1	0.0409697	0.0273161	0.127112	-7.86709	0.095243	0.23506	-4.25424	0.0414339	0.156042	-6.40852	0.202938	0.345878	-2.89119	0.00821842	0.0692084	-14.4491
cg17079328	KIFC1	0.0448855	0.086742	0.712246	-1.40401	0.0830674	1.41086	1.41086	0.056891	1.47184	1.47184	0.686561	0.929821	-1.07548	0.547844	0.896655	-1.11526
cg03697570	KIFC1	0.0471333	0.0417453	0.296793	-3.36935	0.583592	0.750894	-1.33175	0.520408	0.713784	-1.40098	0.345971	0.605135	-1.65252	0.00740255	0.167684	-5.96359
cg18049541	KIFC1	0.047305	0.115134	0.620696	-1.61109	0.028305	2.05609	2.05609	0.678059	0.890283	-1.12324	0.336482	0.758893	-1.31771	0.00760866	0.384627	-2.59992
cg06099001	KIFC1	0.0494661	0.0306346	0.249896	-4.00166	0.0537615	0.302471	-3.3061	0.0130339	0.186019	-5.3758	0.117413	0.395131	-2.53081	0.032725	0.255577	-3.91272
cg14254668	KIFC1;KIFC1	0.00378394	0.00106114	0.0177289	-56.4051	0.141268	3.73632	3.73632	0.252532	2.70684	2.70684	?	?	?	0.194892	0.319061	-3.13419
cg06921606	KIFC1;KIFC1	0.00857929	0.408764	0.921895	-1.08472	0.0120936	1.35141	1.35141	0.00387013	1.45431	1.45431	0.808454	0.976894	-1.02365	0.790002	1.02602	1.02602
cg09880973	KIFC1;KIFC1	0.0211638	0.902391	0.968482	-1.03254	0.27934	1.34121	1.34121	0.405784	1.24858	1.24858	0.349795	1.28559	1.28559	0.901358	1.0329	1.0329
cg17403520	KIFC1;KIFC1	0.0482185	0.0517789	0.644129	-1.55248	0.101425	1.42818	1.42818	0.944904	1.01383	1.01383	0.905226	1.02395	1.02395	0.898567	0.974975	-1.02567
cg06666727	KIFC2	0.00583274	0.0284391	0.469268	-2.13098	0.640406	1.14756	1.14756	0.502152	0.819336	-1.2205	0.0185935	0.433966	-2.30433	0.00339437	0.311872	-3.20644
cg22614142	KIFC2	0.00772545	0.0492022	2.2534	2.2534	0.576388	1.2266	1.2266	0.886578	0.949663	-1.053	0.751621	1.12177	1.12177	0.000621664	0.148769	-6.72181
cg05317714	KIFC2	0.0181438	0.0515087	2.63613	2.63613	0.117262	2.10438	2.10438	0.422568	1.43078	1.43078	0.338698	1.53919	1.53919	0.0086909	0.231683	-4.31625
cg11025705	KIFC2	0.0348185	0.0625307	2.46011	2.46011	0.245647	1.68454	1.68454	0.362717	1.49445	1.49445	0.845895	0.919829	-1.08716	0.110184	0.473459	-2.11211
cg01590314	KIFC2;CYHR1;CYHR1;CYHR1	0.00749791	0.00909258	0.685824	-1.4581	0.0778211	1.24981	1.24981	0.0488218	1.29175	1.29175	0.748297	0.96403	-1.03731	0.00603211	0.664856	-1.50408
cg04794268	KIFC2;CYHR1;CYHR1;CYHR1;CYHR1	0.00262819	0.00418586	0.362034	-2.76217	0.161141	1.48635	1.48635	0.411493	1.24905	1.24905	0.00713146	2.50997	2.50997	0.0757764	0.592515	-1.68772
cg14831162	KIFC2;CYHR1;CYHR1;CYHR1;CYHR1	0.0251396	0.0057726	0.528707	-1.89141	0.269222	1.22475	1.22475	0.116486	1.35058	1.35058	0.965133	1.00773	1.00773	0.00449567	0.513064	-1.94907
cg19792544	KIFC2;FOXH1	0.0246084	0.339017	0.771163	-1.29674	0.188831	0.692752	-1.44352	0.0177894	0.46776	-2.13785	0.865332	1.04577	1.04577	0.0103948	0.427046	-2.34167
cg06326971	KIFC3;KIFC3	0.0298602	0.00894281	2.32486	2.32486	0.0634845	1.69792	1.69792	0.0257762	1.95763	1.95763	0.32759	1.29225	1.29225	0.245686	1.36076	1.36076
cg00947878	KIFC3;KIFC3;KIFC3	0.00685019	0.0261855	1.95647	1.95647	0.118073	1.53998	1.53998	0.0260867	1.95765	1.95765	0.0712103	1.66983	1.66983	0.0827754	1.63035	1.63035
cg03433404	KIFC3;KIFC3;KIFC3	0.0131957	0.00977148	2.1082	2.1082	0.0155435	1.96875	1.96875	0.65785	1.1071	1.1071	0.188258	0.727416	-1.37473	0.221241	1.34115	1.34115
cg16429725	KIFC3;KIFC3;KIFC3	0.0135831	0.00312732	0.270394	-3.69831	0.830945	1.07165	1.07165	0.0456098	0.476192	-2.09999	0.0291411	0.435099	-2.29833	0.66855	0.869869	-1.1496
cg27561818	KIFC3;KIFC3;KIFC3	0.0495847	0.5833	1.22784	1.22784	0.0160282	0.335486	-2.98075	0.0479196	0.432636	-2.31141	0.0700618	2.11779	2.11779	0.487142	0.769845	-1.29896
cg27519236	KIFC3;KIFC3;KIFC3;KIFC3	0.00214436	0.447575	1.25487	1.25487	0.0612904	1.87445	1.87445	0.139472	1.60065	1.60065	0.462673	0.803131	-1.24513	0.0672341	0.543013	-1.84158
cg03661817	KIFC3;KIFC3;KIFC3;KIFC3	0.0175595	0.0217193	3.41294	3.41294	0.00250038	6.49661	6.49661	0.0123564	4.00575	4.00575	0.776769	1.13502	1.13502	0.441171	0.704736	-1.41897
cg20337093	KILLIN;KILLIN	0.00191596	0.246452	1.49193	1.49193	0.0642505	1.98639	1.98639	0.151911	1.65978	1.65978	0.00114142	4.85021	4.85021	0.216051	0.650678	-1.53686
cg21480743	KILLIN;KILLIN	0.00357644	0.0221676	2.78659	2.78659	0.00202066	5.09029	5.09029	0.0213312	2.81194	2.81194	0.00833262	3.52557	3.52557	0.0318748	0.390701	-2.5595
cg10565537	KIN	0.00799727	0.00449088	1.79658	1.79658	0.0196145	0.64656	-1.54665	0.292235	1.18413	1.18413	0.6713	1.06825	1.06825	0.0919104	1.33238	1.33238
cg05008854	KIN	0.0183404	0.0370109	0.365907	-2.73293	0.933484	1.03526	1.03526	0.38789	0.692553	-1.44393	0.701008	1.17369	1.17369	0.00574321	0.222483	-4.49473
cg16722292	KIN;ATP5C1;ATP5C1	0.00585199	0.0353341	0.723848	-1.3815	0.233422	1.17909	1.17909	0.0764591	1.29677	1.29677	0.22474	0.845225	-1.18312	0.404491	1.11905	1.11905
cg02962299	KIN;ATP5C1;ATP5C1;KIN	0.0438336	0.304339	0.852822	-1.17258	0.00615703	1.70714	1.70714	0.00738953	1.67623	1.67623	0.388148	0.876015	-1.14153	0.188484	1.23187	1.23187
cg18221897	KIR2DL1;KIR3DP1	0.00601296	0.00462096	0.288696	-3.46385	0.00668238	0.313496	-3.18983	0.00838507	0.329478	-3.03511	0.0825482	0.530514	-1.88497	0.0042305	0.282967	-3.53398
cg22669842	KIR2DL1;KIR3DP1	0.0093315	0.0034014	0.147604	-6.7749	0.0407931	0.32149	-3.11052	0.0287183	0.289429	-3.45508	0.722911	0.842752	-1.18659	0.00106843	0.0979456	-10.2098
cg23478605	KIR2DL1;KIR3DP1	0.0404142	0.021921	0.224453	-4.45527	0.00461694	0.128968	-7.75389	0.0530283	0.302794	-3.30258	0.300302	0.558078	-1.79187	0.00983611	0.169804	-5.88914
cg24006991	KIR2DL3;KIR2DL3	0.00966301	0.0097857	0.176493	-5.66594	0.00424253	0.131017	-7.6326	0.0288927	0.254603	-3.92768	0.238917	0.519466	-1.92506	0.00692559	0.156336	-6.39646
cg16861598	KIR2DL3;KIR2DL3	0.0127763	0.0106681	0.439668	-2.27445	0.00625449	0.401682	-2.48953	0.152358	0.67539	-1.48063	0.351218	0.782228	-1.2784	0.0107731	0.440385	-2.27074
cg19492036	KIR2DL3;KIR2DL3	0.0149952	0.0208125	0.333191	-3.00128	0.00230196	0.185864	-5.38027	0.0222308	0.338706	-2.95242	0.148868	0.542505	-1.8433	0.00860952	0.266209	-3.75644
cg19333255	KIR2DL3;KIR2DL3	0.0264427	0.0361052	0.124011	-8.06379	0.00843303	0.0560789	-17.832	0.04899	0.145876	-6.85513	0.584666	0.623315	-1.60432	0.0112803	0.066003	-15.1508
cg14238625	KIR2DL4;KIR2DL4;KIR2DL4	0.00452139	0.0144019	0.407584	-2.45348	0.000559012	0.2034	-4.91643	0.0266196	0.457563	-2.18549	0.257817	0.70373	-1.421	0.0249631	0.452114	-2.21183
cg01454237	KIR2DL4;KIR2DL4;KIR2DL4	0.00970335	0.01779	0.237919	-4.20312	0.375914	0.635847	-1.5727	0.0289843	0.277276	-3.60652	0.257584	0.555047	-1.80165	0.00191591	0.111982	-8.93
cg24366241	KIR2DL4;KIR2DL4;KIR2DL4	0.0121158	0.0161018	0.296407	-3.37373	0.000869645	0.127091	-7.86837	0.0963979	0.47059	-2.12499	0.703556	0.853966	-1.17101	0.00736061	0.240207	-4.16307
cg00876196	KIR2DL4;KIR2DL4;KIR2DL4	0.0160893	0.00591417	0.155394	-6.43524	0.0943769	0.386434	-2.58776	0.0313953	0.271091	-3.68879	0.100829	0.394854	-2.53258	0.00376816	0.132446	-7.55025
cg24838349	KIR2DL4;KIR2DL4;KIR2DL4	0.0208036	0.113972	0.355635	-2.81188	0.00616253	0.116693	-8.5695	0.0519136	0.264531	-3.78027	0.0791191	0.309723	-3.22869	0.0101363	0.14227	-7.02889
cg01306806	KIR2DL4;KIR2DL4;KIR2DL4	0.0245308	0.0153612	0.13675	-7.31262	0.0210441	0.156297	-6.39807	0.0514016	0.226894	-4.40734	0.204092	0.408061	-2.45061	0.0212151	0.156832	-6.37627
cg13444135	KIR2DL4;KIR2DL4;KIR2DL4	0.0252073	0.0130917	0.187547	-5.33201	0.0131584	0.18788	-5.32253	0.190048	0.470098	-2.12721	0.315981	0.569017	-1.75742	0.0215828	0.222984	-4.48463
cg08326410	KIR2DL4;KIR2DL4;KIR2DL4	0.0419359	0.485355	0.64604	-1.54789	0.813501	1.15677	1.15677	0.0262409	0.196973	-5.07685	0.0891122	0.314942	-3.17518	0.00397074	0.0919218	-10.8788
cg19725935	KIR2DL4;KIR2DL4;KIR2DL4;KIR2DL4;KIR2DL4;KIR2DL4	0.00802128	0.0241352	0.223578	-4.4727	0.949028	1.03626	1.03626	0.0158159	0.192634	-5.19119	0.145906	0.419073	-2.38622	0.00176266	0.0835695	-11.9661
cg03247919	KIR2DL4;KIR2DL4;KIR2DL4;KIR2DL4;KIR2DL4;KIR2DL4	0.00957923	0.0107187	0.218845	-4.56944	0.00235618	0.133955	-7.46522	0.00969393	0.212153	-4.71358	0.147635	0.479006	-2.08766	0.00484721	0.170338	-5.87069
cg10195200	KIR2DS4	0.00815785	0.0297974	0.471474	-2.12101	0.00801841	0.368255	-2.71551	0.00200164	0.277324	-3.60589	0.0373644	0.491432	-2.03487	0.00107762	0.241783	-4.13594
cg27162757	KIR2DS4	0.0329273	0.407611	0.620931	-1.61048	0.340562	0.575489	-1.73765	0.0345503	0.249926	-4.00118	0.635504	0.764437	-1.30815	0.00176588	0.0816154	-12.2526
cg06494497	KIR2DS4	0.0367199	0.0437249	0.17224	-5.80586	0.00483983	0.0587138	-17.0318	0.0463093	0.176963	-5.6509	0.198616	0.356772	-2.80291	0.0137892	0.0993081	-10.0697
cg02469067	KIR3DL1	0.0055888	0.0688289	0.3663	-2.73001	0.00731869	0.181705	-5.50342	0.0357199	0.299588	-3.33791	0.217509	0.527378	-1.89617	0.00137496	0.101355	-9.86631
cg20244649	KIR3DL1	0.00839225	0.0211964	0.274776	-3.63933	0.00081231	0.0949471	-10.5322	0.0442704	0.340511	-2.93677	0.0835268	0.409393	-2.44264	0.00478617	0.174499	-5.73069
cg07233127	KIR3DL1	0.0177834	0.0777206	0.593433	-1.68511	0.105853	0.62491	-1.60023	0.180959	0.685193	-1.45944	0.365337	0.780701	-1.2809	0.0511518	0.553703	-1.80602
cg07678669	KIR3DL1	0.0205683	0.0424704	0.205066	-4.87649	0.013354	0.125137	-7.99125	0.0139489	0.127536	-7.84095	0.497208	0.626619	-1.59587	0.00948618	0.107654	-9.28901
cg08129658	KIR3DL1	0.0251142	0.0812169	0.256705	-3.89553	0.129803	0.316252	-3.16203	0.0672231	0.236251	-4.23279	0.127863	0.314112	-3.18357	0.00977871	0.100453	-9.95487
cg08510934	KIR3DL2	0.000315372	0.533891	0.818983	-1.22103	0.0121545	0.371345	-2.69292	0.00023219	0.144262	-6.93186	0.612223	1.17588	1.17588	1.35E-05	0.0557236	-17.9457
cg20176989	KIR3DL2	0.000608031	0.0238184	0.304403	-3.28512	0.0687859	0.407325	-2.45504	0.00100792	0.116258	-8.60153	0.364679	0.663156	-1.50794	0.000438528	0.0863486	-11.581
cg23483108	KIR3DL2	0.0044071	0.672788	0.930907	-1.07422	0.0363785	0.66364	-1.50684	0.00629439	0.548917	-1.82177	0.486745	1.12649	1.12649	0.000107516	0.316267	-3.16188
cg19554939	KIR3DL2	0.0316466	0.0243498	0.204344	-4.8937	0.00549728	0.115325	-8.67116	0.029704	0.219959	-4.5463	0.113118	0.360458	-2.77425	0.018619	0.184873	-5.40912
cg10680488	KIR3DL2	0.0375281	0.265186	0.654029	-1.52898	0.0703864	0.477339	-2.09495	0.47012	0.764382	-1.30825	0.504044	0.780418	-1.28137	0.0699082	0.476598	-2.0982
cg05720980	KIR3DL2	0.0400946	0.0266564	0.181467	-5.51064	0.00214551	0.0607452	-16.4622	0.0643897	0.259211	-3.85786	0.534626	0.664574	-1.50472	0.0753635	0.276269	-3.61967
cg12304663	KIR3DL2	0.0423061	0.0337538	0.214138	-4.66988	0.0132103	0.148169	-6.74905	0.0577509	0.263503	-3.79503	0.274595	0.493309	-2.02713	0.0330192	0.212321	-4.70984
cg04586348	KIR3DL2	0.045836	0.0175785	0.11176	-8.94778	0.0760545	0.223718	-4.46991	0.0475405	0.179235	-5.57927	0.275192	0.422705	-2.36572	0.0140692	0.100338	-9.96633
cg01532713	KIR3DL2;KIR3DL2	5.69E-05	0.7312	0.9278	-1.07782	0.296391	0.790343	-1.26527	0.000599425	0.316425	-3.16031	0.0275684	1.76164	1.76164	1.82E-06	0.0755564	-13.2352
cg20977982	KIR3DL3	1.12E-06	0.380655	1.12687	1.12687	1.09E-07	0.103071	-9.70205	3.89E-05	0.351128	-2.84796	0.258923	0.855172	-1.16935	9.87E-08	0.100255	-9.97453
cg06621249	KIR3DL3	0.00127085	0.652588	0.860143	-1.1626	0.00043744	0.157649	-6.3432	0.0101434	0.340229	-2.9392	0.0218701	0.40068	-2.49576	0.000784215	0.184851	-5.40976
cg23404467	KIR3DL3	0.00299744	0.753468	0.895799	-1.11632	0.800074	0.915184	-1.09268	0.0166908	0.360397	-2.77472	0.973165	0.988321	-1.01182	4.31E-05	0.0663473	-15.0722
cg26736736	KIR3DL3	0.0177672	0.0429717	0.58675	-1.7043	0.0297389	0.55677	-1.79607	0.0227113	0.535649	-1.8669	0.114003	0.674643	-1.48227	0.00410759	0.414266	-2.4139
cg05218514	KIR3DP1	0.002305	0.000257931	2.45054	2.45054	0.648124	1.07087	1.07087	0.00943689	0.612436	-1.63282	0.828063	0.968105	-1.03295	0.00454133	0.56927	-1.75664
cg19380156	KIR3DP1	0.0229243	0.0163046	0.200017	-4.99958	0.00661945	0.144926	-6.90008	0.336725	0.58115	-1.72073	0.41956	0.636404	-1.57133	0.00717751	0.149284	-6.69866
cg01449341	KIR3DX1	0.000147843	0.00086452	0.298486	-3.35024	0.0146063	0.483308	-2.06907	0.000339048	0.247547	-4.03964	0.0245663	1.91069	1.91069	7.75E-05	0.177289	-5.64049
cg24119869	KIR3DX1	0.000678183	0.00277575	0.235845	-4.24008	0.00820501	0.305945	-3.26856	0.000836181	0.171992	-5.81422	0.00138582	0.197247	-5.06978	5.87E-05	0.0738464	-13.5416
cg10731960	KIR3DX1	0.00128751	0.0205132	0.298001	-3.35569	0.479992	0.732411	-1.36535	0.046996	0.373039	-2.68068	0.8551	0.923778	-1.08251	0.000104549	0.0510914	-19.5728
cg04244985	KIR3DX1	0.00607293	0.0149991	0.127382	-7.85039	0.00125692	0.038949	-25.6746	0.0283806	0.168133	-5.94767	0.0415034	0.197925	-5.05241	0.00317827	0.0622598	-16.0617
cg03602500	KIR3DX1	0.00914306	0.10256	0.322018	-3.10542	0.0019734	0.0624509	-16.0126	0.025311	0.18512	-5.40191	0.0685508	0.274356	-3.6449	0.00237789	0.0680692	-14.6909
cg03108250	KIR3DX1	0.01111	0.0429529	0.286293	-3.49292	0.00537237	0.139701	-7.15817	0.0631525	0.32557	-3.07154	0.166487	0.452885	-2.20807	0.00756208	0.158026	-6.32808
cg12060838	KIRREL	0.00156727	0.139081	0.765876	-1.30569	0.656685	1.07783	1.07783	0.000596082	0.41154	-2.4299	0.0974619	0.737365	-1.35618	0.00012101	0.324636	-3.08038
cg08640619	KIRREL	0.00273605	0.000885605	0.0930056	-10.752	0.0418536	0.326833	-3.05966	0.0206909	0.264931	-3.77456	0.00823314	0.199595	-5.01016	0.00165614	0.116906	-8.55391
cg08610987	KIRREL	0.00421103	0.0324663	0.561718	-1.78025	0.00219493	2.68947	2.68947	0.0234942	0.536129	-1.86522	0.884093	0.966952	-1.03418	0.00297189	0.39095	-2.55787
cg26870566	KIRREL	0.00795385	0.0125135	0.48314	-2.06979	0.390733	0.813891	-1.22867	0.0590152	0.606985	-1.64749	0.53194	0.862215	-1.1598	0.000359288	0.261737	-3.82063
cg15990632	KIRREL	0.00822751	0.00468837	0.410854	-2.43395	0.195172	1.38301	1.38301	0.462404	0.837746	-1.19368	0.614128	1.12785	1.12785	0.00200882	0.356429	-2.80561
cg25597580	KIRREL	0.024186	0.0118621	0.168343	-5.94024	0.0194516	0.201418	-4.96479	0.112662	0.375491	-2.66318	0.101667	0.361892	-2.76326	0.0506558	0.28275	-3.5367
cg22667491	KIRREL	0.0310443	0.0247192	0.732402	-1.36537	0.199972	0.854117	-1.1708	0.230275	1.15787	1.15787	0.00340698	0.629043	-1.58972	0.805121	1.02921	1.02921
cg00307383	KIRREL	0.0407784	0.938969	0.979551	-1.02088	0.348112	1.29777	1.29777	0.292045	0.744557	-1.34308	0.93321	0.977638	-1.02287	0.000955388	0.265008	-3.77347
cg22467594	KIRREL2;KIRREL2;KIRREL2	0.000185572	0.265527	0.83229	-1.2015	0.377502	0.866522	-1.15404	2.19E-06	0.159646	-6.26386	0.308511	0.846405	-1.18147	0.0883822	1.34642	1.34642
cg27035708	KIRREL2;KIRREL2;KIRREL2	0.00238274	0.0382131	0.68129	-1.4678	0.357541	0.8597	-1.1632	0.0689653	0.72242	-1.38424	0.639326	0.927362	-1.07833	0.00266116	0.514844	-1.94234
cg06945936	KIRREL2;KIRREL2;KIRREL2	0.00403659	?	?	?	0.16072	0.538689	-1.85636	0.40087	1.42621	1.42621	0.142576	1.91694	1.91694	0.000815197	0.124457	-8.03488
cg12183993	KIRREL2;KIRREL2;KIRREL2	0.00500866	0.232714	1.48261	1.48261	0.00121443	4.43882	4.43882	0.32617	1.37577	1.37577	0.0796416	0.542178	-1.84441	0.929864	0.972678	-1.02809
cg10786645	KIRREL2;KIRREL2;KIRREL2	0.00628262	0.0671784	2.68761	2.68761	0.944734	1.03397	1.03397	0.336017	0.619977	-1.61296	0.0659771	0.370068	-2.7022	0.0022479	0.127302	-7.85537
cg23087300	KIRREL2;KIRREL2;KIRREL2	0.0158648	0.0762308	0.445832	-2.243	0.00676237	0.237493	-4.21065	0.0128054	0.281932	-3.54695	0.928889	0.964108	-1.03723	0.860001	0.930258	-1.07497
cg17975002	KIRREL2;KIRREL2;KIRREL2	0.0359928	0.0121282	0.269131	-3.71566	0.935068	1.0348	1.0348	0.00494167	0.209578	-4.77149	0.181578	1.81356	1.81356	0.307043	0.641543	-1.55874
cg01588826	KIRREL2;KIRREL2;KIRREL2	0.0390304	0.778377	1.11413	1.11413	0.0858105	2.0694	2.0694	0.561818	0.798764	-1.25193	0.639336	0.834603	-1.19817	0.819297	1.09161	1.09161
cg05657800	KIRREL2;KIRREL2;KIRREL2	0.0455174	0.149383	0.594967	-1.68076	0.135574	0.582579	-1.71651	0.0504212	0.472852	-2.11483	0.903686	0.960155	-1.0415	0.0185105	0.383123	-2.61013
cg00519185	KIRREL2;KIRREL2;KIRREL2;KIRREL2;KIRREL2;KIRREL2	0.0414662	0.365927	0.844454	-1.1842	0.00477571	0.505714	-1.9774	0.0609656	0.680879	-1.46869	0.139699	0.748825	-1.33543	0.00470052	0.504714	-1.98132
cg08527161	KIRREL3	0.000422711	0.0448438	0.734974	-1.36059	0.336414	1.14173	1.14173	0.837812	0.972964	-1.02779	0.000575057	2.03931	2.03931	8.42E-05	0.388402	-2.57465
cg18390528	KIRREL3	0.0414516	0.0467353	3.67615	3.67615	0.00887822	6.71269	6.71269	0.658857	1.28921	1.28921	0.886967	1.08472	1.08472	0.0604736	3.35465	3.35465
cg13040691	KIRREL3;KIRREL3	9.13E-06	0.0133512	0.671281	-1.48969	3.74E-06	4.07727	4.07727	0.0166044	1.4629	1.4629	4.72E-06	3.90824	3.90824	0.00335825	0.595168	-1.6802
cg24057710	KIRREL3;KIRREL3	0.000251059	0.0636186	0.702091	-1.42432	0.000265262	2.76171	2.76171	0.118814	1.33262	1.33262	0.987553	1.00265	1.00265	1.65E-05	0.222419	-4.49601
cg03930921	KIRREL3;KIRREL3	0.000603974	0.00771225	0.46671	-2.14266	0.0593634	1.60613	1.60613	0.000196219	0.248111	-4.03045	0.0114033	0.494123	-2.02379	0.0356836	1.72327	1.72327
cg04445570	KIRREL3;KIRREL3	0.000963469	0.0845034	0.728522	-1.37264	0.0588482	1.42503	1.42503	0.940779	1.01241	1.01241	0.710859	0.940065	-1.06376	1.97E-05	0.237868	-4.20401
cg20051949	KIRREL3;KIRREL3	0.00113031	0.00843392	0.589946	-1.69507	0.172073	1.25613	1.25613	0.956058	0.991393	-1.00868	0.324454	0.852456	-1.17308	6.54E-05	0.316779	-3.15677
cg15199350	KIRREL3;KIRREL3	0.00142866	4.20E-05	0.392559	-2.54739	0.485817	1.08865	1.08865	0.975915	1.00363	1.00363	0.000595002	0.529542	-1.88843	0.255995	0.867442	-1.15281
cg08572513	KIRREL3;KIRREL3	0.00179556	0.0313966	0.415674	-2.40573	0.133528	1.75554	1.75554	0.113124	0.549025	-1.82141	0.319223	0.6991	-1.43041	0.000315822	0.131404	-7.61012
cg17182240	KIRREL3;KIRREL3	0.00256694	0.0134599	0.593756	-1.68419	0.478453	0.884465	-1.13063	0.652438	1.0803	1.0803	0.587695	1.09775	1.09775	0.0420276	0.670876	-1.49059
cg23083049	KIRREL3;KIRREL3	0.00325142	0.0459725	0.781906	-1.27893	0.00726104	1.45137	1.45137	0.0024602	0.635695	-1.57308	0.169351	1.17056	1.17056	0.393952	1.09848	1.09848
cg22205341	KIRREL3;KIRREL3	0.00367711	0.770294	0.96129	-1.04027	0.0032798	0.582577	-1.71651	0.00436779	0.598469	-1.67093	0.00201098	1.79979	1.79979	0.518217	1.09234	1.09234
cg11857140	KIRREL3;KIRREL3	0.00422317	0.351957	0.778106	-1.28517	0.828161	1.05859	1.05859	0.533594	0.847773	-1.17956	0.0121559	0.441048	-2.26733	0.000128054	0.174705	-5.72394
cg18301598	KIRREL3;KIRREL3	0.00469619	0.0886058	0.603791	-1.6562	0.00257406	0.325474	-3.07245	0.153268	0.663167	-1.50792	0.748725	1.09015	1.09015	0.0002423	0.195859	-5.10572
cg02967059	KIRREL3;KIRREL3	0.00817956	0.0619916	0.72748	-1.37461	0.00433659	0.561479	-1.78101	0.00997049	1.63668	1.63668	0.840024	1.03107	1.03107	0.144911	0.788966	-1.26748
cg12689529	KIRREL3;KIRREL3	0.00917023	0.0131373	0.264079	-3.78675	0.00183042	0.147048	-6.8005	0.00516379	0.202138	-4.94712	0.0448784	0.36907	-2.70952	0.0254633	0.316733	-3.15723
cg06355870	KIRREL3;KIRREL3	0.00988868	0.00976575	0.303928	-3.29025	0.00164778	0.193565	-5.16621	0.0568453	0.455859	-2.19366	0.224263	0.62795	-1.59248	0.217705	0.62336	-1.60421
cg18014842	KIRREL3;KIRREL3	0.0105975	0.0305316	0.58277	-1.71594	0.540082	0.876545	-1.14084	0.00143001	0.375421	-2.66367	0.0110654	0.508212	-1.96768	0.280865	0.788118	-1.26884
cg09997244	KIRREL3;KIRREL3	0.0150664	0.895419	0.971767	-1.02905	0.472517	0.852895	-1.17248	0.00796906	0.476781	-2.0974	0.425852	0.837719	-1.19372	0.0996438	0.675047	-1.48138
cg03432085	KIRREL3;KIRREL3	0.0154453	0.0144026	0.684849	-1.46018	0.3478	1.12899	1.12899	0.647629	1.05946	1.05946	0.032729	0.730829	-1.36831	0.0112319	0.671207	-1.48985
cg25918351	KIRREL3;KIRREL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03382250	KIRREL3;KIRREL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01139403	KIRREL3;KIRREL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23796755	KIRREL3;KIRREL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11751545	KIRREL3;KIRREL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26908505	KIRREL3;KIRREL3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21799246	0.00172283	0.486623	-2.05498	0.00314169	0.521946	-1.91591	0.53489	1.10651	1.10651	0.050986	0.699076	-1.43046	6.88102	2.8265	0.365126	1
cg11223101	0.0872141	0.610491	-1.63803	0.000372334	0.225842	-4.42787	0.00387361	0.361793	-2.76401	0.342047	0.774274	-1.29153	6.70542	7.25246	0.961406	1
cg12805458	0.0246926	0.686652	-1.45634	0.568195	0.922124	-1.08445	0.0915845	1.29837	1.29837	0.213379	0.831795	-1.20222	5.90777	1.8484	0.278112	1
cg11376354	0.778179	0.92618	-1.0797	0.0233479	0.479105	-2.08722	0.790559	1.07496	1.07496	0.00303804	0.331956	-3.01245	5.90302	6.89368	1.03806	1
cg25637708	0.20349	0.429791	-2.32671	0.00174808	0.060389	-16.5593	0.026642	0.191524	-5.22127	0.0347798	0.21266	-4.70235	5.70014	35.7326	5.57221	1
cg27261921	0.0655698	0.56266	-1.77727	0.00196729	0.29603	-3.37804	0.0264245	0.480725	-2.08019	0.141667	0.644205	-1.5523	5.5999	6.86789	1.09016	1
cg06408571	0.210544	0.845912	-1.18216	0.00323816	1.66423	1.66423	0.304511	0.873827	-1.14439	0.21238	1.18128	1.18128	5.39234	1.37389	0.226475	1
cg07252363	0.0348094	0.294779	-3.39238	0.00716472	0.17835	-5.60695	0.010529	0.202274	-4.9438	0.106919	0.417308	-2.39631	5.18593	20.25	3.47094	1
cg24345551	0.104983	0.598635	-1.67047	0.0071648	0.365829	-2.73352	0.0587477	0.538846	-1.85582	0.0455429	0.514726	-1.94278	5.18531	6.88874	1.1809	1
cg12052754	0.556679	1.07798	1.07798	0.331131	1.13502	1.13502	0.616692	0.938247	-1.06582	0.0652318	0.769947	-1.29879	5.17003	1.30632	0.224596	1
cg00913755	?	?	?	0.117999	3.68595	3.68595	0.323654	2.1576	2.1576	0.749417	1.27027	1.27027	5.53458	36.0993	5.5907	1
cg25659672	0.253729	0.772348	-1.29475	0.144872	0.712235	-1.40403	0.893241	1.02953	1.02953	0.21358	0.752882	-1.32823	4.1363	3.07706	0.661257	1
cg18677473	0.703476	0.926978	-1.07877	0.00218662	0.426552	-2.34438	0.396782	0.841939	-1.18773	0.393257	0.840802	-1.18934	4.07222	2.53549	0.55345	1
cg00925037	0.802378	1.03462	1.03462	0.00132451	0.53058	-1.88473	0.17897	0.823854	-1.21381	0.0242172	0.69444	-1.44001	4.01884	1.17236	0.259303	1
cg22413420	0.00315796	0.443147	-2.25659	0.538143	1.13402	1.13402	0.339363	0.819803	-1.2198	0.454366	1.16621	1.16621	3.9091	1.9603	0.573111	1
cg15086199	0.215117	0.560887	-1.78289	0.00540944	0.197431	-5.06507	0.829277	1.10042	1.10042	0.0358926	0.33901	-2.94976	3.76795	11.719	2.7646	1
cg26313319	0.0838453	0.420934	-2.37567	0.0312365	0.318797	-3.13679	0.072843	0.404521	-2.47206	0.0782386	0.412768	-2.42267	3.73329	12.0954	2.87989	1
cg15076820	0.22545	1.40265	1.40265	0.289779	0.746741	-1.33915	0.181453	1.45797	1.45797	0.0859806	0.603931	-1.65582	3.69834	4.13788	0.994529	1
cg09040034	0.073056	0.206148	-4.85087	0.00870268	0.0713035	-14.0245	0.384285	0.494288	-2.02311	0.0476547	0.167125	-5.98353	3.65073	36.0749	8.7836	1
cg17079328	0.131642	1.33899	1.33899	0.0827872	1.41139	1.41139	0.62749	0.916024	-1.09167	0.019644	0.603152	-1.65796	3.52889	1.79813	0.452929	1
cg03697570	0.457164	0.675788	-1.47975	0.0030814	0.12288	-8.13804	0.15312	0.453043	-2.20729	0.424499	0.655657	-1.52519	3.46472	14.6976	3.77074	1
cg18049541	0.20244	0.687533	-1.45448	0.203009	1.45371	1.45371	0.569036	1.17378	1.17378	0.373182	0.775297	-1.28983	3.45997	4.24714	1.09112	1
cg06099001	0.0668089	0.325624	-3.07102	0.0342141	0.259475	-3.85394	0.592654	1.34294	1.34294	0.131391	0.410951	-2.43338	3.40198	16.0629	4.19701	1
cg14254668	0.399494	0.487429	-2.05158	0.000399961	0.00916073	-109.162	0.376319	0.469343	-2.13064	0.508289	0.57171	-1.74914	8.15986	79.7408	9.77233	1
cg06921606	0.0288215	1.28162	1.28162	0.0116619	0.738296	-1.35447	0.0436546	0.79992	-1.25013	0.575642	1.05594	1.05594	6.20578	0.910592	0.130429	1
cg09880973	0.174749	1.45756	1.45756	0.00056725	0.248109	-4.03048	0.83197	1.05703	1.05703	0.207941	0.707116	-1.4142	4.61477	4.97954	0.959151	1
cg17403520	0.324811	1.22392	1.22392	0.00260904	0.436656	-2.29013	0.99623	0.999062	-1.00094	0.45154	0.858616	-1.16466	3.43507	2.14856	0.555982	1
cg06666727	0.0240879	0.4552	-2.19683	0.0431681	1.97497	1.97497	0.00146361	0.26078	-3.83464	0.978629	0.992194	-1.00787	6.99994	9.48824	1.20487	1
cg22614142	0.260954	0.654246	-1.52848	0.0691021	0.47901	-2.08764	0.738204	1.12906	1.12906	0.010952	3.17548	3.17548	6.41416	13.3035	1.84363	1
cg05317714	0.112699	0.469983	-2.12774	0.0135726	3.80242	3.80242	0.528576	1.32206	1.32206	0.0326818	2.98311	2.98311	4.86209	14.7254	2.6921	1
cg11025705	0.887988	1.06239	1.06239	0.00200659	6.50405	6.50405	0.20451	1.77715	1.77715	0.0539885	2.55847	2.55847	3.87441	11.3175	2.59653	1
cg01590314	0.906042	1.01353	1.01353	0.0106345	1.44121	1.44121	0.0317049	0.750854	-1.33182	0.992482	1.00107	1.00107	6.47457	1.32761	0.182267	1
cg04794268	0.551384	0.85249	-1.17303	0.000520049	4.19191	4.19191	0.121776	0.641349	-1.55921	0.205139	0.701865	-1.42477	8.89993	9.8847	0.987243	1
cg14831162	0.531985	1.118	1.118	0.244947	0.807103	-1.239	0.214813	0.794468	-1.2587	0.891733	1.02429	1.02429	4.3488	2.13834	0.437073	1
cg19792544	0.053796	0.561381	-1.78132	0.00411815	0.362535	-2.75835	0.0204729	0.478861	-2.08829	0.777033	1.07774	1.07774	4.3812	4.8243	0.978789	1
cg06326971	0.0369922	0.540892	-1.8488	0.285037	0.754481	-1.32541	0.141117	1.49414	1.49414	0.198594	1.41153	1.41153	4.09361	4.17309	0.906146	1
cg00947878	0.213715	1.39531	1.39531	0.116511	1.54331	1.54331	0.000138234	5.34505	5.34505	0.0161555	2.11433	2.11433	6.65986	6.82796	0.911325	1
cg03433404	0.0120104	0.489087	-2.04463	0.331599	0.795596	-1.25692	0.0219752	1.87252	1.87252	0.461073	0.842573	-1.18684	5.40369	4.45963	0.733595	1
cg16429725	0.492754	0.798123	-1.25294	0.00364653	0.280009	-3.57131	0.137299	1.67873	1.67873	0.0425422	0.469573	-2.12959	5.35274	8.88228	1.47501	1
cg27561818	0.0535309	0.443799	-2.25327	0.15646	0.570291	-1.75349	0.21309	0.615198	-1.62549	0.283702	1.51081	1.51081	3.39889	7.38921	1.93245	1
cg27519236	6.60E-05	0.0930631	-10.7454	0.104133	0.590444	-1.69364	0.233418	1.44491	1.44491	0.180158	1.52217	1.52217	11.2419	14.9076	1.03139	1
cg03661817	0.221104	1.7737	1.7737	0.990164	0.994523	-1.00551	0.0170839	3.65197	3.65197	0.0312537	3.08317	3.08317	4.91587	15.4542	2.79444	1
cg20337093	0.461809	1.28052	1.28052	0.112548	1.76866	1.76866	0.000170292	8.24731	8.24731	0.000944642	5.09136	5.09136	9.76314	16.8472	1.53386	1
cg21480743	0.0149043	3.06159	3.06159	0.0111891	3.28039	3.28039	0.00455785	4.10335	4.10335	0.0287882	2.62104	2.62104	8.1211	17.9608	1.96589	1
cg10565537	0.275577	1.19175	1.19175	0.00112329	2.09963	2.09963	0.318837	0.852708	-1.17273	0.692917	0.940461	-1.06331	6.34483	2.40365	0.336744	1
cg05008854	0.0373825	0.366852	-2.72589	0.0062143	0.227447	-4.39663	0.987468	0.993501	-1.00654	0.00633958	0.228717	-4.37222	4.84449	13.2213	2.42591	1
cg16722292	0.0967614	1.27176	1.27176	0.000247679	0.45029	-2.22079	0.87119	1.02163	1.02163	0.465615	0.906726	-1.10287	6.99283	1.92579	0.244795	1
cg02962299	0.521361	0.907307	-1.10216	0.378466	1.1448	1.1448	0.492109	1.11007	1.11007	0.865093	1.02578	1.02578	3.5603	1.26297	0.315321	1
cg18221897	0.00960055	0.339283	-2.94739	0.00144479	0.219187	-4.56231	0.0223995	0.405783	-2.46437	0.1169	0.570324	-1.75339	6.93454	11.9362	1.53001	1
cg22669842	0.355537	0.633369	-1.57886	0.0053347	0.171384	-5.83484	0.0414232	0.322965	-3.09631	0.0658005	0.370817	-2.69674	6.04252	22.0997	3.25099	1
cg23478605	0.167887	0.449924	-2.2226	0.142677	0.424768	-2.35423	0.0650348	0.324404	-3.08258	0.265393	0.532219	-1.87892	3.66918	17.1597	4.15709	1
cg24006991	0.0494365	0.30404	-3.28904	0.00223191	0.102904	-9.71776	0.00917231	0.172563	-5.79497	0.157028	0.447679	-2.23374	5.97569	26.687	3.96971	1
cg16861598	0.0336042	0.529733	-1.88774	0.00324007	0.357742	-2.79531	0.00710674	0.410572	-2.43563	0.444002	0.818918	-1.22112	5.46099	5.66786	0.92256	1
cg19492036	0.0554095	0.424135	-2.35774	0.00469072	0.226588	-4.41329	0.129683	0.523777	-1.90921	0.198697	0.584774	-1.71006	5.18124	12.8049	2.19679	1
cg19333255	0.0803309	0.189878	-5.26655	0.00560202	0.0443759	-22.5348	0.0460269	0.141116	-7.08637	0.115616	0.231118	-4.3268	4.27277	49.6334	10.3255	1
cg14238625	0.024743	0.451367	-2.21549	0.000784337	0.220709	-4.53086	0.0116147	0.391122	-2.55675	0.456782	0.798113	-1.25296	7.56682	10.6107	1.24646	1
cg01454237	0.308154	0.591195	-1.69149	0.000619608	0.0724467	-13.8033	0.884737	0.93027	-1.07496	0.289495	0.578197	-1.72951	5.96776	23.4674	3.49544	1
cg24366241	0.139763	0.518867	-1.92728	0.00820723	0.247473	-4.04084	0.0813056	0.45027	-2.22089	0.512172	0.759953	-1.31587	5.55616	15.0035	2.4003	1
cg00876196	0.034713	0.28001	-3.5713	0.00735897	0.167616	-5.96603	0.0131304	0.203863	-4.90526	0.150837	0.451087	-2.21687	5.06161	21.4328	3.7639	1
cg24838349	0.0322306	0.221364	-4.51745	0.00433978	0.101083	-9.89281	0.0254554	0.202577	-4.9364	0.123946	0.367253	-2.72292	4.64189	26.576	5.08911	1
cg01306806	0.229834	0.43059	-2.3224	0.00300851	0.065839	-15.1886	0.0169084	0.142461	-7.01945	0.15694	0.363341	-2.75224	4.38601	31.0685	6.29649	1
cg13444135	0.334222	0.581787	-1.71884	0.00282218	0.106767	-9.36617	0.0268848	0.240358	-4.16046	0.164316	0.446195	-2.24117	4.34473	20.3528	4.16398	1
cg08326410	0.202168	2.29292	2.29292	0.0447229	0.241718	-4.13706	0.963727	1.02842	1.02842	0.60584	0.725592	-1.37818	3.61938	21.7676	5.34594	1
cg19725935	0.0636978	0.313075	-3.19413	0.00147135	0.0775178	-12.9003	0.00645165	0.139	-7.19425	0.234352	0.499337	-2.00266	6.33885	31.1567	4.36906	1
cg03247919	0.0691546	0.38159	-2.62061	0.00576776	0.180152	-5.55087	0.0254593	0.28419	-3.51877	0.0437217	0.333401	-2.99939	5.99231	21.3033	3.1601	1
cg10195200	0.4683	0.804942	-1.24233	0.117341	0.606424	-1.64901	0.0436843	0.505668	-1.97758	0.0189182	0.433507	-2.30677	6.30524	8.63451	1.21726	1
cg27162757	0.368038	0.594428	-1.68229	0.0108241	0.16521	-6.0529	0.998778	1.00086	1.00086	0.0618139	0.306283	-3.26495	3.95319	19.8149	4.45546	1
cg06494497	0.060325	0.200444	-4.98893	0.0586781	0.197844	-5.05449	0.0276731	0.138758	-7.2068	0.21346	0.370122	-2.70181	3.80037	34.6446	8.1032	1
cg02469067	0.0237989	0.264346	-3.78292	0.000428958	0.064018	-15.6206	0.037959	0.305229	-3.27623	0.160793	0.47769	-2.09341	7.09257	27.3219	3.42416	1
cg20244649	0.0122061	0.233185	-4.28844	0.00750484	0.201005	-4.97499	0.0686786	0.386712	-2.58591	0.0502683	0.353269	-2.83071	6.24915	21.5146	3.06027	1
cg07233127	0.00718352	0.39706	-2.51851	0.000671978	0.250434	-3.99308	0.230211	0.715306	-1.398	0.0481589	0.548213	-1.82411	4.89501	5.49215	0.997324	1
cg07678669	0.190796	0.390855	-2.5585	0.00437349	0.0756741	-13.2146	0.0172045	0.139666	-7.15996	0.206913	0.405495	-2.46612	4.65993	33.9404	6.47419	1
cg08129658	0.0315962	0.169817	-5.88871	0.00248303	0.0519145	-19.2625	0.0159559	0.125463	-7.97049	0.0964234	0.276918	-3.61118	4.35033	34.0956	6.96664	1
cg08510934	0.0902096	0.553317	-1.80728	0.00412324	0.295414	-3.38508	0.244256	0.679691	-1.47126	0.000991532	0.212074	-4.71533	16.2265	25.8177	1.41429	1
cg20176989	0.00692939	0.214193	-4.66868	4.97E-05	0.0348113	-28.7263	0.000619749	0.0979934	-10.2048	0.0471421	0.367255	-2.7229	13.5336	41.6788	2.73747	1
cg23483108	0.311372	0.838175	-1.19307	0.0569543	0.69553	-1.43775	0.694206	1.06887	1.06887	0.540472	0.900825	-1.11009	7.6258	3.43099	0.399928	1
cg19554939	0.073115	0.306429	-3.26339	0.0164364	0.176407	-5.66871	0.0963335	0.339426	-2.94615	0.0864919	0.32609	-3.06664	4.00977	22.2388	4.9299	1
cg10680488	0.0175121	0.347385	-2.87865	0.00240669	0.213121	-4.69217	0.419741	1.35182	1.35182	0.770423	1.11293	1.11293	3.77032	7.98421	1.88236	1
cg05720980	0.0921972	0.299895	-3.3345	0.111368	0.324069	-3.08576	0.0490383	0.23222	-4.30626	0.134901	0.350904	-2.84978	3.67993	24.6052	5.94339	1
cg12304663	0.0653036	0.276324	-3.61894	0.00987446	0.13177	-7.58899	0.0300392	0.204676	-4.88576	0.20825	0.438367	-2.2812	3.60759	22.0772	5.43968	1
cg04586348	0.11103	0.267975	-3.73169	0.00830874	0.0773785	-12.9235	0.0614759	0.202313	-4.94284	0.178427	0.338094	-2.95776	3.50128	31.9033	8.09947	1
cg01532713	0.886964	0.969564	-1.03139	0.000119683	0.231852	-4.3131	0.857277	1.0399	1.0399	0.0104275	0.496181	-2.0154	25.726	19.2421	0.664854	1
cg20977982	0.00396644	0.597749	-1.67294	0.813528	0.969101	-1.03188	0.232626	0.846827	-1.18088	0.421588	0.896685	-1.11522	71.2244	19.9027	0.248387	1
cg06621249	0.0169673	0.37984	-2.63269	0.00054663	0.167704	-5.96288	0.0857886	1.87999	1.87999	0.106304	0.556345	-1.79744	10.9902	19.2391	1.55607	1
cg23404467	0.207024	0.628291	-1.59162	0.232003	1.54929	1.54929	0.127385	0.562275	-1.77849	0.398723	0.73952	-1.35223	8.56032	16.5376	1.71723	1
cg26736736	0.0745143	0.634566	-1.57588	0.00207942	0.370817	-2.69675	0.0526489	0.603936	-1.6558	0.430291	0.831702	-1.20235	4.8965	4.06352	0.737673	1
cg05218514	0.371214	1.14663	1.14663	0.0318194	0.687317	-1.45493	0.470231	0.896303	-1.11569	0.153167	0.796154	-1.25604	9.2501	3.25364	0.312659	1
cg19380156	0.134616	0.413156	-2.4204	0.00540454	0.134465	-7.43689	0.0430092	0.279158	-3.5822	0.292673	0.549798	-1.81885	4.48995	21.352	4.22712	1
cg01449341	0.0063135	0.423185	-2.36303	0.0109566	2.16394	2.16394	0.0227631	1.93294	1.93294	0.00225948	0.355857	-2.81011	19.9346	18.4567	0.822991	1
cg24119869	0.0538818	0.464675	-2.15204	0.698403	0.872538	-1.14608	0.00118434	0.189147	-5.28689	0.0100561	0.320598	-3.11917	13.1268	25.494	1.72634	1
cg10731960	0.725454	1.16523	1.16523	0.000164721	0.0616826	-16.212	0.116045	0.476726	-2.09764	0.0121793	0.257952	-3.87669	10.9493	32.6207	2.64823	1
cg04244985	0.0461713	0.207162	-4.82713	0.00205174	0.0501286	-19.9487	0.914548	1.07677	1.07677	0.0589499	0.229997	-4.34788	6.91332	51.992	6.68494	1
cg03602500	0.427102	0.59789	-1.67255	0.00450402	0.0905652	-11.0418	0.00940507	0.123887	-8.07188	0.149957	0.375673	-2.66189	6.08184	38.7574	5.66457	1
cg03108250	0.164381	0.450863	-2.21797	0.000956543	0.0712025	-14.0444	0.0152429	0.201888	-4.95324	0.0735939	0.342667	-2.91829	5.71416	26.0912	4.05871	1
cg12060838	0.170831	1.27676	1.27676	0.0679139	1.40855	1.40855	0.86604	1.02869	1.02869	0.153764	0.774258	-1.29156	10.3479	4.60003	0.395142	1
cg08640619	0.0140246	0.235456	-4.24708	0.00155317	0.114262	-8.75179	0.131645	0.460266	-2.17266	0.00158094	0.114987	-8.6966	8.79486	31.6645	3.2003	1
cg08610987	0.581136	0.879519	-1.13698	0.0222351	0.531867	-1.88017	0.820857	1.05364	1.05364	0.0135459	0.494631	-2.02171	7.73157	6.49904	0.747186	1
cg26870566	0.16288	0.705533	-1.41737	0.0301726	0.550503	-1.81652	0.0166056	0.504093	-1.98376	0.00702748	0.442181	-2.26152	6.35571	5.51929	0.77191	1
cg15990632	0.00834633	0.450347	-2.22051	0.0726327	0.622513	-1.60639	0.933839	0.980543	-1.01984	0.0108303	0.468906	-2.13262	6.28836	5.57797	0.788472	1
cg25597580	0.113799	0.376853	-2.65355	0.00520118	0.123469	-8.09922	0.00685346	0.13721	-7.2881	0.0627431	0.304899	-3.27977	4.4076	22.4598	4.52951	1
cg22667491	0.384379	1.10946	1.10946	0.0442971	0.764093	-1.30874	0.0769144	0.79525	-1.25747	0.57149	0.935571	-1.06887	4.03737	0.867339	0.190958	1
cg00307383	0.534888	0.84403	-1.18479	0.923415	1.02628	1.02628	0.793974	1.07317	1.07317	0.0694891	0.578197	-1.72952	3.65705	4.21655	1.02488	1
cg22467594	0.504144	1.11321	1.11321	0.0842357	0.739175	-1.35286	0.248354	1.21036	1.21036	0.124797	1.3007	1.3007	18.7477	7.43243	0.352396	1
cg27035708	0.177411	1.25737	1.25737	6.07E-05	0.306325	-3.2645	0.76623	0.953482	-1.04879	0.289852	0.839025	-1.19186	9.1605	3.70326	0.359346	1
cg06945936	0.796249	1.11275	1.11275	0.000589651	0.111727	-8.95037	0.637385	0.821989	-1.21656	0.892755	1.05727	1.05727	8.00177	19.2029	2.39983	1
cg12183993	0.0061892	3.07542	3.07542	0.00261555	3.71189	3.71189	0.00708851	2.98874	2.98874	0.188335	1.5506	1.5506	7.33472	11.5036	1.39411	1
cg10786645	0.905938	1.05862	1.05862	0.00331399	0.145512	-6.87228	0.0106514	4.69947	4.69947	0.617842	0.784745	-1.2743	6.84112	25.1632	3.26954	1
cg23087300	0.155938	0.537069	-1.86196	0.000986942	0.134644	-7.427	0.175563	0.554418	-1.80369	0.0764038	0.446091	-2.2417	5.08532	13.506	2.36079	1
cg17975002	0.181945	1.81254	1.81254	0.225635	0.586166	-1.706	0.571448	1.27133	1.27133	0.376439	0.683172	-1.46376	3.82811	10.6833	2.48067	1
cg01588826	0.0762886	2.12857	2.12857	0.00201464	0.188445	-5.30658	0.313195	1.4912	1.4912	0.897193	1.05076	1.05076	3.71652	8.63661	2.06564	1
cg05657800	0.374531	0.736275	-1.35819	0.0020281	0.231818	-4.31374	0.200116	0.634699	-1.57555	0.661762	0.86255	-1.15935	3.51045	6.27244	1.58826	1
cg00519185	0.262681	0.808523	-1.23682	0.0988195	0.719358	-1.39013	0.823785	1.04143	1.04143	0.44635	0.868252	-1.15174	3.63451	1.90677	0.466338	1
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cg18390528	0.117085	2.64675	2.64675	0.00563129	7.9854	7.9854	0.0419153	3.82101	3.82101	0.572103	1.38598	1.38598	3.63498	18.8194	4.60206	1
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cg03930921	0.264347	0.771827	-1.29563	0.000209805	0.251508	-3.97602	0.691214	1.09295	1.09295	0.00937867	0.480304	-2.08201	13.5589	10.6424	0.697694	1
cg04445570	0.0381281	0.671032	-1.49024	0.054475	1.43642	1.43642	0.732575	1.05858	1.05858	0.15252	0.775412	-1.28964	11.8913	5.1888	0.38787	1
cg20051949	0.119567	1.30339	1.30339	0.417665	1.13875	1.13875	0.0765822	0.73417	-1.36208	0.00118681	0.474377	-2.10803	11.364	4.42937	0.346464	1
cg15199350	0.0360237	0.746411	-1.33975	0.212343	0.854242	-1.17063	0.0878365	0.797764	-1.2535	0.0929878	0.801197	-1.24813	10.6275	2.42091	0.202486	1
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cg17182240	0.000134574	3.08565	3.08565	0.0504699	1.462	1.462	0.153446	1.29747	1.29747	0.175078	0.782149	-1.27853	8.96202	4.12004	0.408641	1
cg23083049	0.198267	0.863941	-1.15749	0.00726263	1.45135	1.45135	0.00549571	1.48089	1.48089	0.604132	1.05787	1.05787	8.35566	1.53111	0.162882	1
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cg06355870	0.0333244	2.47572	2.47572	0.179327	0.594597	-1.68181	0.202116	1.63373	1.63373	0.370794	1.39788	1.39788	5.93181	12.4798	1.87011	1
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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
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cg22738770	KLF12	0.0017853	0.00727863
cg26139338	KLF12	0.00269167	0.00165748
ch.13.1084609R	KLF12	0.00367867	0.0221209
cg27328858	KLF12	0.00432185	0.0936483
cg14079702	KLF12	0.00506078	0.217324
cg26419656	KLF12	0.00578357	0.389344
cg09874659	KLF12	0.00820207	0.00517395
cg03871104	KLF12	0.00883539	0.816272
cg10233744	KLF12	0.0133241	0.021219
cg14970447	KLF12	0.0155603	0.843162
cg10959786	KLF12	0.0199229	0.889044
cg15891850	KLF12	0.0298542	0.0455035
cg16689267	KLF12	0.0419041	0.665476
cg05201784	KLF12	0.0467466	0.637912
cg09622504	KLF12	0.0476794	0.860501
cg19674937	KLF12	0.0485892	0.33706
cg16792560	KLF13	0.000145525	0.324809
cg03465028	KLF13	0.0116617	0.0256116
cg19182048	KLF13	0.0117887	0.129251

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21048422	KLF13	0.0130294	0.223897	0.899216	-1.11208	0.249911	1.10514	1.10514	0.0499706	1.20425	1.20425	0.0593341	1.19361	1.19361	0.0475659	0.828283	-1.20732
cg10965478	KLF13	0.0303127	0.00531156	0.365354	-2.73707	0.45096	0.810157	-1.23433	0.484945	0.823229	-1.21473	0.996733	0.998878	-1.00112	0.00174616	0.294302	-3.39787
cg17010968	KLF13	0.0438545	0.00844114	1.93857	1.93857	0.022495	1.71246	1.71246	0.0295019	0.603822	-1.65612	0.28891	0.805199	-1.24193	0.917195	1.02068	1.02068
cg26814396	KLF13	0.0455409	?	?	?	0.366611	1.82957	1.82957	0.744913	1.23598	1.23598	0.131511	2.91134	2.91134	0.119226	0.329325	-3.03652
cg18590785	KLF13	0.0467265	0.48259	0.873573	-1.14472	0.0237585	1.66724	1.66724	0.0261153	1.64861	1.64861	0.977988	0.994788	-1.00524	0.150974	1.33843	1.33843
cg21976687	KLF13;KLF13	0.00286743	0.235418	0.693721	-1.4415	0.195508	0.668582	-1.4957	0.298778	1.37261	1.37261	0.0436171	1.97825	1.97825	0.000708098	0.219297	-4.56004
cg00218146	KLF13;KLF13	0.0375839	0.186375	1.19229	1.19229	0.389955	0.895293	-1.11695	0.999564	0.999931	-1.00007	0.0201946	1.42148	1.42148	0.0472018	0.751937	-1.3299
cg21449170	KLF14	1.21E-07	0.0111218	0.69164	-1.44584	0.00880955	0.679545	-1.47157	1.97E-08	11.7424	11.7424	0.00125647	1.72562	1.72562	0.0128428	1.43034	1.43034
cg02778245	KLF14	7.62E-07	0.474959	1.12377	1.12377	0.00688671	1.75398	1.75398	4.52E-08	21.5915	21.5915	0.0857157	1.35668	1.35668	0.000389258	2.48025	2.48025
cg09823095	KLF14	1.32E-06	0.00092782	0.301614	-3.3155	0.0285844	1.87031	1.87031	2.10E-06	16.903	16.903	0.0480956	1.72913	1.72913	0.00685518	0.427946	-2.33674
cg17317023	KLF14	1.47E-05	0.432224	0.816357	-1.22495	0.000281138	4.49598	4.49598	0.000178054	4.99098	4.99098	9.38E-07	26.5792	26.5792	0.0140751	2.15388	2.15388
cg18751682	KLF14	1.51E-05	0.741106	0.935941	-1.06844	0.202323	1.30837	1.30837	5.57E-06	7.74621	7.74621	0.0055922	2.06786	2.06786	0.473587	1.15666	1.15666
cg25109431	KLF14	2.15E-05	0.478826	1.27897	1.27897	0.920079	0.966365	-1.03481	3.36E-06	76.6635	76.6635	0.0047186	3.82094	3.82094	0.412341	0.75074	-1.33202
cg09499629	KLF14	3.22E-05	0.219721	0.693129	-1.44273	0.0105615	2.49322	2.49322	6.06E-05	8.19835	8.19835	0.000277433	5.41886	5.41886	1.31E-05	13.4209	13.4209
cg22285878	KLF14	5.57E-05	0.910716	0.961733	-1.03979	0.00116767	5.85264	5.85264	3.84E-05	21.5351	21.5351	1.22E-05	38.6857	38.6857	0.0026235	4.61105	4.61105
cg06533629	KLF14	6.16E-05	0.74736	0.915894	-1.09183	0.0206356	2.13345	2.13345	2.42E-05	9.84383	9.84383	0.0168743	2.2087	2.2087	9.46E-05	6.62465	6.62465
cg07955995	KLF14	7.15E-05	0.239483	0.481894	-2.07515	0.00660271	8.08587	8.08587	0.000254282	35.5903	35.5903	7.88E-05	68.7705	68.7705	0.00156847	14.7631	14.7631
cg05651960	KLF14	0.000136775	0.298795	0.725424	-1.3785	0.958447	0.98459	-1.01565	1.26E-05	15.4971	15.4971	0.834209	1.06447	1.06447	0.602204	0.854918	-1.1697
cg18645297	KLF14	0.000155574	0.834855	1.05963	1.05963	0.0516815	1.84859	1.84859	8.70E-06	14.5888	14.5888	0.000123901	6.40365	6.40365	0.603473	1.15649	1.15649
cg00094518	KLF14	0.000180273	0.725821	0.863775	-1.15771	0.00977297	3.89196	3.89196	0.000249287	12.3569	12.3569	2.90E-05	30.3599	30.3599	0.229697	1.68912	1.68912
cg08719712	KLF14	0.000270092	0.0862384	0.523581	-1.90992	0.00433579	3.67465	3.67465	0.000148959	9.25185	9.25185	0.00103524	5.25313	5.25313	0.000901401	5.45091	5.45091
cg09529138	KLF14	0.000281492	0.00172499	0.303264	-3.29746	0.0213081	2.09265	2.09265	0.0403802	1.881	1.881	0.00383427	0.353449	-2.82926	0.000340799	4.66287	4.66287
cg06038655	KLF14	0.000457238	0.028277	0.383706	-2.60616	0.142168	1.79256	1.79256	0.406969	1.36856	1.36856	0.0202547	2.81626	2.81626	0.805025	0.91258	-1.09579
cg08097417	KLF14	0.00076781	0.214868	0.669503	-1.49365	0.168228	1.57027	1.57027	0.00328288	3.4251	3.4251	0.000759822	4.79791	4.79791	0.037147	2.10341	2.10341
cg14361627	KLF14	0.00177534	0.262338	0.579199	-1.72652	0.325367	1.60725	1.60725	0.0027139	6.92489	6.92489	0.000929901	10.0718	10.0718	0.00298439	6.70934	6.70934
cg02423044	KLF14	0.00666197	0.40576	0.713784	-1.40098	0.0602816	2.31626	2.31626	0.123041	1.93924	1.93924	0.756499	1.13122	1.13122	0.884948	0.94422	-1.05907
cg03914913	KLF14	0.0135824	0.338537	0.674198	-1.48324	0.0129187	3.43229	3.43229	0.018411	3.13548	3.13548	0.354224	0.683262	-1.46357	0.198119	0.580693	-1.72208
cg23399222	KLF14;KLF14	3.15E-05	0.296208	1.25744	1.25744	2.08E-06	0.0846122	-11.8186	0.000218513	0.271584	-3.6821	0.000232388	0.274794	-3.63908	4.52E-05	0.195544	-5.11393
cg02312542	KLF15	0.00773783	0.996437	1.00049	1.00049	0.245461	0.875933	-1.14164	0.0192789	0.734435	-1.36159	0.648627	1.0513	1.0513	0.00160856	0.610635	-1.63764
cg14339848	KLF15	0.0118125	0.153145	0.652093	-1.53352	0.0619877	0.555782	-1.79927	0.151394	0.650734	-1.53673	0.429665	0.798255	-1.25273	0.000534314	0.221716	-4.51028
cg13797228	KLF15	0.01574	?	?	?	0.0601522	2.34016	2.34016	0.0953316	2.08513	2.08513	?	?	?	0.00699956	0.246957	-4.04929
cg24269434	KLF15	0.0331329	0.00133103	0.316293	-3.16163	0.744458	0.922485	-1.08403	0.755431	0.925816	-1.08013	0.491494	0.84167	-1.18811	0.0374204	0.551137	-1.81443
cg21468971	KLF15	0.0372594	0.922951	1.01207	1.01207	0.301902	0.875777	-1.14184	0.760707	0.962825	-1.03861	0.931751	1.01068	1.01068	0.534609	0.924968	-1.08112
cg02584867	KLF16	0.0050235	0.0141021	0.424051	-2.35821	0.654606	0.880288	-1.13599	0.628315	0.870985	-1.14812	0.545936	0.841098	-1.18892	0.00538271	0.354301	-2.82246
cg25428970	KLF16	0.00887626	0.832683	0.928794	-1.07666	0.936057	0.972373	-1.02841	0.859561	0.940035	-1.06379	0.119434	0.554331	-1.80397	0.241042	0.651462	-1.53501
cg09775785	KLF16	0.010973	0.388442	0.629942	-1.58745	0.000210923	0.0392005	-25.5099	0.987424	1.00827	1.00827	0.472385	1.46542	1.46542	?	?	?
cg15986590	KLF16	0.0127094	0.0420948	0.760532	-1.31487	0.275423	0.875795	-1.14182	0.202032	0.854317	-1.17053	0.0406953	0.758667	-1.3181	0.0368885	0.753272	-1.32754
cg04998634	KLF16	0.015502	0.290349	0.59539	-1.67957	0.0142226	4.17488	4.17488	0.0666178	0.378374	-2.64288	0.202758	0.529721	-1.88779	0.375372	0.650568	-1.53712
cg03157040	KLF16	0.022054	0.0133635	0.280664	-3.56298	0.98503	0.992251	-1.00781	0.754913	0.878232	-1.13865	0.743077	1.14612	1.14612	0.0127558	0.277198	-3.60752
cg24226281	KLF16	0.0225239	0.028483	0.524815	-1.90543	0.595164	0.874813	-1.1431	0.0199538	0.49635	-2.01471	0.189892	0.707332	-1.41376	0.0119819	0.457611	-2.18526
cg15562859	KLF16	0.0232948	0.0517865	0.582278	-1.71739	0.0171297	0.491661	-2.03392	0.0352274	1.82085	1.82085	0.0267144	0.526507	-1.89931	0.0885801	0.631885	-1.58257
cg15045802	KLF16	0.0299386	0.376934	0.588149	-1.70025	0.00195761	12.9745	12.9745	0.48721	1.51169	1.51169	0.556006	1.41712	1.41712	0.872023	0.909939	-1.09897
cg08934318	KLF17	0.000296392	0.631322	1.10922	1.10922	0.000211819	0.26517	-3.77117	0.000798349	0.337706	-2.96116	0.64081	1.10599	1.10599	0.00553393	0.457686	-2.18491
cg18202456	KLF17	0.00224825	0.433527	0.863647	-1.15788	0.696257	1.07461	1.07461	0.0920348	0.711635	-1.40522	0.000255802	0.331354	-3.01792	0.0143317	0.574738	-1.73992
cg16903122	KLF17	0.00760246	0.0185377	1.37099	1.37099	0.00565187	0.669465	-1.49373	0.0336857	0.760249	-1.31536	0.954627	1.00631	1.00631	0.056489	0.787722	-1.26948
cg21864563	KLF17	0.0499538	0.313529	0.827622	-1.20828	0.464473	0.8736	-1.14469	0.700537	1.07266	1.07266	0.13029	1.34528	1.34528	0.155403	0.758863	-1.31776
cg08679013	KLF1;KLF1	0.0148977	0.503429	1.16206	1.16206	0.209053	0.746101	-1.3403	0.0023413	0.390804	-2.55883	0.09218	1.50685	1.50685	0.00375669	0.420932	-2.37568
cg04324758	KLF2	1.84E-06	0.00983481	2.2934	2.2934	0.00022647	4.75674	4.75674	1.72E-05	9.40457	9.40457	0.332038	0.775256	-1.2899	0.406672	0.805796	-1.24101
cg26842024	KLF2	1.60E-05	0.165159	0.903199	-1.10718	0.310139	1.07489	1.07489	7.96E-05	1.63262	1.63262	0.464601	1.05252	1.05252	0.182905	1.10207	1.10207
cg05906166	KLF2	0.000228013	0.000592883	7.35886	7.35886	0.000232505	9.95655	9.95655	0.000713661	6.95365	6.95365	0.590376	0.815059	-1.2269	0.0141922	3.12236	3.12236
cg18473733	KLF2	0.00507746	0.021261	2.50502	2.50502	0.0240854	2.44065	2.44065	0.101229	1.81342	1.81342	0.254299	1.48408	1.48408	0.0137814	2.74492	2.74492
cg15496085	KLF2	0.00614817	0.323621	1.12309	1.12309	0.00302555	0.629552	-1.58843	0.000543922	0.542263	-1.84412	0.73614	1.03926	1.03926	0.935428	0.990816	-1.00927
cg03725130	KLF2	0.010877	0.427833	0.624027	-1.6025	0.255369	1.99713	1.99713	0.778112	1.17887	1.17887	0.0673377	0.302953	-3.30084	0.607462	1.35234	1.35234
cg22247553	KLF2	0.0121703	0.00211192	0.0870416	-11.4888	0.0631304	0.307111	-3.25615	0.0160826	0.189427	-5.27909	0.809954	1.14577	1.14577	0.0366644	0.253796	-3.94017
cg02668248	KLF2	0.0354992	0.050932	2.26504	2.26504	0.0472896	2.30374	2.30374	0.0509338	2.26503	2.26503	0.0920904	1.97741	1.97741	0.0111663	3.22	3.22
cg26209812	KLF3	0.000302243	0.026462	0.790586	-1.26489	0.000369067	0.601008	-1.66387	0.484488	1.0655	1.0655	0.029339	1.25761	1.25761	0.0175322	1.29454	1.29454
cg18101917	KLF3	0.00503034	0.232708	1.22536	1.22536	0.407508	1.14751	1.14751	0.310063	0.843171	-1.186	0.00455925	1.84693	1.84693	0.00261615	1.96763	1.96763
cg22051776	KLF3	0.0105083	0.713041	0.953483	-1.04879	0.042919	1.35046	1.35046	0.160785	1.2131	1.2131	0.354785	1.13061	1.13061	0.112389	0.800207	-1.24968
cg24464101	KLF3	0.0225441	0.342016	1.23966	1.23966	0.0300399	0.571216	-1.75065	0.0784867	0.651244	-1.53552	0.787164	1.06118	1.06118	0.530122	1.14977	1.14977
cg21953508	KLF3	0.0245881	0.120778	1.19878	1.19878	0.630808	1.05356	1.05356	0.19387	1.15965	1.15965	0.363359	1.1059	1.1059	0.232451	0.87378	-1.14445
cg13152856	KLF3	0.0396788	0.750923	0.94459	-1.05866	0.912806	0.980584	-1.0198	0.0589442	0.682639	-1.4649	0.968715	0.993004	-1.00705	0.00444998	1.97237	1.97237
cg24279243	KLF3	0.045847	0.507559	0.836834	-1.19498	0.0719212	1.70286	1.70286	0.00837065	0.409573	-2.44157	0.410056	1.2501	1.2501	0.213049	1.41548	1.41548
cg15048078	KLF3;FLJ13197	0.00016006	0.00203757	3.63996	3.63996	0.560743	1.19096	1.19096	0.742157	0.906572	-1.10306	0.0114245	2.56115	2.56115	0.122433	1.64429	1.64429
cg27283052	KLF3;FLJ13197	0.0417565	0.231813	1.50119	1.50119	0.476859	1.26405	1.26405	0.794384	1.0883	1.0883	0.707514	0.885057	-1.12987	0.000950925	0.202776	-4.93156
cg14185918	KLF4	0.0191462	0.0374887	9.65848	9.65848	0.198006	3.59014	3.59014	0.342799	2.50475	2.50475	0.0841153	6.02197	6.02197	0.0710015	6.65201	6.65201
cg03066050	KLF4	0.0381806	0.0313276	10.2547	10.2547	0.0383727	9.12785	9.12785	0.0650635	6.74635	6.74635	0.064479	6.78137	6.78137	0.0309183	10.3325	10.3325
cg00492574	KLF4	0.0498203	0.354983	0.771813	-1.29565	0.0050998	0.365142	-2.73866	0.28226	0.737748	-1.35548	0.123958	1.5738	1.5738	0.111392	0.62374	-1.60323
cg09299924	KLF5	0.000413099	0.0115619	0.551562	-1.81303	0.681322	1.08091	1.08091	0.00703716	0.518675	-1.92799	0.213837	0.781433	-1.2797	6.44E-06	0.150306	-6.65309
cg14281591	KLF5	0.00258821	0.00172391	1.9333	1.9333	0.000200735	0.398545	-2.50913	0.139377	0.790967	-1.26427	0.324537	0.860727	-1.16181	0.383773	0.876645	-1.14071
cg04339360	KLF5	0.00373945	0.552586	1.18099	1.18099	0.0403325	0.519028	-1.92668	0.00403405	0.343213	-2.91364	0.769728	0.92194	-1.08467	0.860681	0.952523	-1.04984
cg09667226	KLF5	0.00575761	0.160558	1.25255	1.25255	0.147711	0.791894	-1.2628	0.144264	0.790078	-1.2657	0.00101266	0.480682	-2.08038	0.0168857	0.645422	-1.54937
cg07749664	KLF5	0.0173142	0.0566943	4.48892	4.48892	0.00311705	16.6837	16.6837	0.576124	1.4817	1.4817	0.303148	0.475922	-2.10118	0.447908	0.58366	-1.71333
cg20524889	KLF5	0.0347088	0.0229188	6.448	6.448	0.0410452	5.02582	5.02582	0.268421	2.20212	2.20212	0.433258	1.72916	1.72916	0.770108	1.22223	1.22223
cg21973667	KLF5	0.0389336	0.198701	2.36243	2.36243	0.00330941	12.5816	12.5816	0.42536	1.67407	1.67407	0.107096	0.328447	-3.04463	0.74383	0.812568	-1.23067
cg11398020	KLF5	0.0445155	0.0096521	9.11812	9.11812	0.149678	2.8359	2.8359	0.801959	1.18482	1.18482	0.521063	0.64472	-1.55106	0.689096	1.31179	1.31179
cg21790851	KLF5	0.0480564	0.138982	3.15429	3.15429	0.0102339	10.3293	10.3293	0.9969	0.997201	-1.00281	0.407782	0.542928	-1.84187	0.765886	0.806224	-1.24035
cg23792383	KLF5;KLF5	0.0309384	0.0838054	0.66438	-1.50516	0.56916	0.884301	-1.13084	0.679991	1.09268	1.09268	0.02771	0.573417	-1.74393	0.0558507	0.629422	-1.58876
cg00252332	KLF5;KLF5	0.0464301	0.744464	0.936623	-1.06767	0.837685	1.04192	1.04192	0.102334	1.43031	1.43031	0.696337	1.08168	1.08168	0.118713	1.40359	1.40359
cg20355062	KLF6;KLF6;KLF6;KLF6	0.000115392	0.960251	1.00626	1.00626	0.606621	1.06716	1.06716	0.14327	1.21756	1.21756	0.940316	0.990673	-1.00942	0.414453	0.900866	-1.11004
cg14174912	KLF6;KLF6;KLF6;KLF6	0.000705574	0.000236117	0.113662	-8.798	0.149194	1.73668	1.73668	0.094987	0.519567	-1.92468	0.0885888	0.511502	-1.95503	0.00617811	0.279585	-3.57673
cg02092590	KLF6;KLF6;KLF6;KLF6	0.00269921	0.00180364	0.555636	-1.79974	?	?	?	0.0695902	1.30827	1.30827	0.057041	1.32988	1.32988	0.114998	0.796995	-1.25471
cg27283993	KLF6;KLF6;KLF6;KLF6	0.0085925	0.0243829	0.513056	-1.9491	0.00836905	2.31209	2.31209	0.00356095	2.67108	2.67108	0.837087	1.05256	1.05256	0.0148051	0.474265	-2.10853
cg08614871	KLF6;KLF6;KLF6;KLF6	0.0132325	0.0125124	0.209585	-4.77133	0.0486171	3.10486	3.10486	0.984881	0.990514	-1.00958	0.396701	0.646273	-1.54733	0.0524227	0.329746	-3.03263
cg11847468	KLF6;KLF6;KLF6;KLF6	0.0166576	0.00832284	0.338325	-2.95574	0.0418717	0.470671	-2.12463	0.0114408	0.361721	-2.76456	0.0164656	0.389952	-2.56442	0.0347002	0.453331	-2.20589
cg01496720	KLF6;KLF6;KLF6;KLF6	0.0197899	0.0553138	0.734727	-1.36105	0.281917	1.17196	1.17196	0.28143	0.853124	-1.17216	0.0190842	0.668598	-1.49567	0.297753	0.857983	-1.16552
cg06162279	KLF6;KLF6;KLF6;KLF6	0.0252579	0.430414	1.25484	1.25484	0.902652	0.966075	-1.03512	0.397143	1.27705	1.27705	0.00147672	0.274177	-3.64728	0.0316218	0.491266	-2.03556
cg24287110	KLF6;KLF6;KLF6;KLF6	0.0402106	0.0217991	0.168156	-5.94685	0.403039	1.74052	1.74052	0.906428	0.926676	-1.07913	0.0763856	0.27896	-3.58475	0.0301128	0.191727	-5.21576
cg13454226	KLF6;KLF6;KLF6;KLF6	0.0456248	0.17225	1.96015	1.96015	0.0183833	3.76273	3.76273	0.700137	1.19634	1.19634	0.67032	1.21941	1.21941	0.586094	1.29006	1.29006
cg04396539	KLF7	0.000781284	0.0013766	0.642476	-1.55648	0.399301	0.921028	-1.08574	0.296478	0.901946	-1.10871	0.0062943	0.712285	-1.40393	0.00360055	1.45611	1.45611
cg10278149	KLF7	0.00583533	0.268884	1.40489	1.40489	0.0139037	2.45262	2.45262	0.117798	1.65112	1.65112	0.0754982	1.7935	1.7935	0.0101223	0.383739	-2.60594
cg15369419	KLF7	0.0128513	0.050136	0.463311	-2.15838	0.98106	0.991856	-1.00821	0.763048	1.10978	1.10978	0.456562	1.29849	1.29849	0.000302392	0.132193	-7.56467
cg05861291	KLF7	0.0333734	0.132222	1.97909	1.97909	0.00917216	4.01586	4.01586	0.0338723	2.83152	2.83152	0.0647692	2.3906	2.3906	0.0699215	2.34319	2.34319
cg20374118	KLF7	0.0373268	0.0535132	3.1894	3.1894	0.311386	1.74008	1.74008	0.0483541	3.29737	3.29737	0.0212961	4.32259	4.32259	0.437665	1.52005	1.52005
cg24268343	KLF8;KLF8	0.0116374	0.0876963	0.471813	-2.11948	0.0557891	2.37164	2.37164	0.614071	0.816577	-1.22462	0.388818	0.703313	-1.42184	0.00408663	0.215329	-4.64405
cg02590710	KLF8;KLF8	0.0174048	0.000999371	0.228871	-4.36928	0.190594	0.65821	-1.51927	0.353539	0.749728	-1.33382	0.270565	1.41363	1.41363	0.00493089	0.325049	-3.07646
cg25656981	KLF8;KLF8	0.0180159	0.138476	1.72859	1.72859	0.469763	0.776966	-1.28706	0.0594879	0.48194	-2.07495	0.0142336	0.354294	-2.82252	0.00254257	0.237601	-4.20873
cg01355242	KLF8;KLF8	0.0266277	0.00287756	0.309644	-3.22951	0.0543344	0.53559	-1.8671	0.403129	0.782969	-1.27719	0.795066	0.928267	-1.07728	0.00598922	0.357998	-2.79331
cg11633007	KLF8;KLF8	0.0307052	0.553793	0.74392	-1.34423	0.383466	0.643132	-1.55489	0.022367	0.258787	-3.86419	0.0453867	0.321866	-3.10688	0.00502942	0.159977	-6.25092
cg05633597	KLF8;KLF8	0.0472052	0.256775	0.606617	-1.64849	0.602627	0.801058	-1.24835	0.742112	1.14964	1.14964	0.779997	1.12553	1.12553	0.00237781	0.167118	-5.98379
cg18957138	KLF9	0.000251395	0.199119	0.638703	-1.56567	8.29E-05	10.398	10.398	0.146821	1.67282	1.67282	0.747431	1.11267	1.11267	0.472546	0.785509	-1.27306
cg14279842	KLHDC1	9.88E-05	0.943851	1.01084	1.01084	4.13E-06	0.195452	-5.11635	0.000539369	0.438861	-2.27862	0.761224	1.04775	1.04775	0.451304	0.889189	-1.12462
cg16731007	KLHDC1	0.00790883	0.0237864	0.303272	-3.29738	0.71938	0.852532	-1.17298	0.266938	0.599625	-1.66771	0.474181	0.724794	-1.3797	0.0043948	0.186047	-5.375
cg10510891	KLHDC1	0.0183084	0.0654658	0.451494	-2.21487	0.166931	1.76246	1.76246	0.107718	1.96424	1.96424	0.148829	0.551295	-1.81391	0.380245	1.41364	1.41364
cg15365950	KLHDC1	0.0392802	0.505871	0.937761	-1.06637	0.204273	1.13602	1.13602	0.292457	0.901248	-1.10957	0.225807	0.885958	-1.12872	0.743648	1.03173	1.03173
cg17076012	KLHDC1	0.0422373	0.0553638	1.35364	1.35364	0.00274908	1.77913	1.77913	0.134855	1.25201	1.25201	0.178056	0.819118	-1.22083	0.23017	0.839016	-1.19187
cg21871407	KLHDC1	0.0492337	0.398197	1.82816	1.82816	0.0417319	0.188563	-5.30327	0.0403313	0.185636	-5.38689	0.392687	1.84187	1.84187	0.866587	1.12397	1.12397
cg02342337	KLHDC10	0.00763225	0.0674565	0.745351	-1.34165	0.690349	1.05912	1.05912	0.0889496	1.30879	1.30879	0.0261572	1.46005	1.46005	0.477664	0.901625	-1.10911
cg04894993	KLHDC10;KLHDC10	0.0102049	0.290848	0.896668	-1.11524	0.175814	0.866556	-1.15399	0.0652723	0.813902	-1.22865	0.00313018	0.66899	-1.49479	0.0151855	0.743225	-1.34549
cg13267368	KLHDC2	7.81E-05	0.00437111	1.25874	1.25874	0.00815509	0.814906	-1.22713	0.781362	0.983323	-1.01696	0.0104948	1.21492	1.21492	0.000188781	1.46319	1.46319
cg15827101	KLHDC2	0.000139817	0.000148607	0.347252	-2.87976	0.0184045	1.59041	1.59041	0.0222835	1.55955	1.55955	0.0440636	1.45549	1.45549	6.79E-05	0.306451	-3.26317
cg01941274	KLHDC2	0.000235877	0.441451	1.15399	1.15399	0.599704	1.10146	1.10146	0.29225	0.819229	-1.22066	0.0460345	0.658888	-1.51771	2.60E-06	0.126275	-7.9192
cg01260308	KLHDC2	0.00191695	0.0889536	1.6138	1.6138	0.180955	1.43672	1.43672	0.54951	1.16706	1.16706	0.260388	1.34916	1.34916	0.000410464	0.238996	-4.18416
cg18157307	KLHDC2	0.0193704	0.375437	0.883783	-1.1315	0.101245	0.783707	-1.27599	0.67119	0.943656	-1.05971	0.00996848	1.55576	1.55576	0.0059158	1.63067	1.63067
cg20586607	KLHDC2	0.0217598	0.0963854	0.761252	-1.31363	0.00620758	1.70432	1.70432	0.0162842	1.55114	1.55114	0.968147	0.994051	-1.00598	0.269123	0.842	-1.18765
cg23336454	KLHDC2	0.0251829	0.0324338	0.300422	-3.32865	0.0423258	0.327616	-3.05236	0.415859	0.6843	-1.46135	0.288552	1.65774	1.65774	0.0015778	0.0935659	-10.6877
cg04730839	KLHDC3	0.00873773	0.908194	1.01966	1.01966	0.0200991	0.622937	-1.6053	0.069118	0.709448	-1.40955	0.0662582	1.41582	1.41582	0.086459	0.726399	-1.37665
cg07208891	KLHDC4	0.00040402	7.78E-05	0.100598	-9.94059	0.0401339	0.466923	-2.14168	0.0453608	0.478466	-2.09001	0.760602	1.10312	1.10312	0.000220723	0.138578	-7.21615
cg27066295	KLHDC4	0.00177149	0.790828	0.947266	-1.05567	0.0273164	0.587317	-1.70266	0.671577	1.0908	1.0908	0.425641	0.847219	-1.18033	2.72E-05	0.185116	-5.40201
cg21461308	KLHDC4	0.00201044	0.131239	0.684717	-1.46046	0.000528806	0.28515	-3.50692	0.61701	0.889411	-1.12434	0.350337	0.799758	-1.25038	0.0547292	0.602615	-1.65943
cg08734237	KLHDC4	0.0020445	0.00255105	0.636864	-1.57019	0.127617	0.837294	-1.19432	0.0201926	1.35252	1.35252	0.0910663	0.818209	-1.22218	0.00963335	1.42362	1.42362
cg05746370	KLHDC4	0.00207528	0.226443	0.88313	-1.13234	0.765549	1.0297	1.0297	0.000545808	0.591153	-1.69161	0.0906022	1.20016	1.20016	0.341749	0.90859	-1.10061
cg11888757	KLHDC4	0.00431208	?	?	?	0.0070369	0.338727	-2.95223	0.364342	0.748534	-1.33594	0.629264	1.16317	1.16317	0.00235889	3.73637	3.73637
ch.16.2085963	KLHDC4	0.00972561	0.00301941	0.185329	-5.39581	0.00343241	0.19241	-5.19723	0.086335	0.455836	-2.19377	0.00984469	0.258548	-3.86776	0.00232037	0.171384	-5.83486
cg09765815	KLHDC4	0.0173263	0.633428	0.897006	-1.11482	0.00162854	0.360142	-2.77668	0.0335767	0.570285	-1.75351	0.178379	0.723629	-1.38192	0.0492643	0.60187	-1.66149
cg05613083	KLHDC4	0.0214294	0.243191	0.83507	-1.1975	0.117881	0.778319	-1.28482	0.144815	0.793635	-1.26003	0.00822285	0.607163	-1.647	0.285628	0.849017	-1.17783
cg01453111	KLHDC4	0.0214914	0.0282619	0.330794	-3.02303	0.00241015	0.164433	-6.08149	0.289338	0.625157	-1.5996	0.207127	0.566536	-1.76511	0.0115576	0.259544	-3.85292
cg27579131	KLHDC4	0.0298746	0.00983535	0.493257	-2.02734	0.186254	0.73823	-1.35459	0.614024	0.895704	-1.11644	0.0815641	0.658299	-1.51907	0.00128059	0.361678	-2.76489
cg06515734	KLHDC4	0.0333917	0.410339	0.90617	-1.10355	0.262864	0.872311	-1.14638	0.604531	0.94069	-1.06305	0.696425	0.955152	-1.04695	0.53307	1.07668	1.07668
cg23839398	KLHDC4	0.0336107	0.10579	0.579235	-1.72641	0.113259	0.587032	-1.70348	0.00532069	0.321432	-3.11108	0.0907909	1.77863	1.77863	0.615937	1.16919	1.16919
cg16650955	KLHDC4	0.0369706	0.875601	1.03658	1.03658	0.00129443	0.341286	-2.93009	0.406996	0.823214	-1.21475	0.240811	0.754552	-1.32529	0.22735	0.747773	-1.3373
cg08356614	KLHDC5	0.0106143	0.044198	0.512667	-1.95058	0.00412224	0.328908	-3.04036	0.44602	0.798904	-1.25171	0.833877	1.06258	1.06258	0.0134098	0.412706	-2.42303
cg23281527	KLHDC7A	0.000227537	0.392175	0.751898	-1.32997	3.55E-05	13.4038	13.4038	5.93E-05	11.2096	11.2096	0.743038	1.11294	1.11294	0.301948	1.41604	1.41604
cg21693033	KLHDC7A	0.000634826	0.0437281	0.71909	-1.39065	0.000294348	0.432176	-2.31387	0.985805	1.00253	1.00253	0.0906855	1.30361	1.30361	0.000287086	0.430828	-2.32111
cg05040210	KLHDC7A	0.0425815	0.0664035	0.635252	-1.57418	0.942657	0.98427	-1.01598	0.00282543	0.403977	-2.47539	0.743568	1.07503	1.07503	0.0341891	0.580038	-1.72403
cg07632391	KLHDC7A	0.0456341	0.530715	0.907616	-1.10179	0.99019	1.00188	1.00188	0.0264954	1.49408	1.49408	0.141868	0.785793	-1.2726	0.225638	0.823471	-1.21437
cg22910549	KLHDC7B	0.000420081	0.00491266	1.96456	1.96456	0.00102788	2.41452	2.41452	0.141866	0.751134	-1.33132	0.0122451	1.76025	1.76025	0.116725	1.36182	1.36182
cg01054241	KLHDC7B	0.0042737	0.0372136	0.519603	-1.92455	0.741298	0.914223	-1.09383	0.449428	0.811684	-1.23201	0.688339	0.896598	-1.11533	0.302604	0.74896	-1.33518
cg07600533	KLHDC7B	0.0087621	0.0184349	6.76415	6.76415	0.131342	2.97188	2.97188	0.0428136	4.75364	4.75364	0.0193741	6.62331	6.62331	0.00543347	11.5416	11.5416
cg25665606	KLHDC7B	0.0330756	0.0243285	3.5569	3.5569	0.106309	2.30206	2.30206	0.152913	2.06202	2.06202	0.482956	1.40086	1.40086	0.038145	3.1147	3.1147
cg03957481	KLHDC7B	0.0370639	0.0333589	10.2638	10.2638	0.135244	4.51693	4.51693	0.0798285	6.17399	6.17399	0.150087	4.2412	4.2412	0.192066	3.64419	3.64419
cg04177826	KLHDC7B	0.0435323	0.384282	1.1831	1.1831	0.0278068	0.612564	-1.63248	0.790896	1.05136	1.05136	0.201908	1.28915	1.28915	0.136274	0.738922	-1.35332
cg11829870	KLHDC7B;KLHDC7B	0.0107714	0.741265	1.08826	1.08826	0.00296503	0.353078	-2.83224	0.0219952	0.49593	-2.01641	0.01919	0.485144	-2.06124	0.137707	0.664944	-1.50389

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21048422	0.738131	1.02829	1.02829	0.00116892	0.672874	-1.48616	0.246621	0.904178	-1.10598	0.966838	0.996549	-1.00346	5.42614	0.59403	0.0973116	1
cg10965478	0.909985	1.03149	1.03149	0.243965	0.715958	-1.39673	0.30245	0.746169	-1.34018	0.0567141	0.553673	-1.80612	4.0718	4.84504	1.05769	1
cg17010968	0.829298	0.958396	-1.04341	0.503332	1.14302	1.14302	0.616592	0.905424	-1.10445	0.62366	1.10223	1.10223	3.55966	2.18376	0.545309	1
cg26814396	0.858526	0.890702	-1.12271	0.0128202	0.125436	-7.97219	0.0140838	0.130908	-7.63895	0.22737	0.436867	-2.28903	3.87127	22.4452	5.07316	1
cg18590785	0.107094	1.39537	1.39537	0.00824527	1.89642	1.89642	0.398121	0.848859	-1.17805	0.947296	0.987557	-1.0126	3.47605	1.97494	0.505029	1
cg21976687	0.276659	1.39479	1.39479	?	?	?	0.0891818	1.73536	1.73536	0.00196852	3.61928	3.61928	8.86758	10.796	1.21747	1
cg00218146	0.0463841	1.33171	1.33171	?	?	?	0.338361	0.88346	-1.13191	0.0459117	1.33277	1.33277	3.82842	0.849567	0.221911	1
cg21449170	0.449033	0.914515	-1.09348	0.347494	0.894001	-1.11857	9.10E-09	15.1147	15.1147	0.32725	0.889455	-1.12428	125.309	26.6283	0.18889	1
cg02778245	0.61434	0.921637	-1.08503	0.0190673	0.633978	-1.57734	1.25E-07	14.8641	14.8641	0.000378614	2.48971	2.48971	78.5988	32.111	0.363149	1
cg09823095	0.0712949	0.613673	-1.62953	0.0182632	0.499357	-2.00258	5.73E-08	89.9506	89.9506	0.24865	0.746539	-1.33951	68.2551	63.5158	0.82717	1
cg17317023	0.5586	0.860932	-1.16153	0.00790418	0.422143	-2.36887	4.53E-05	7.05001	7.05001	0.121132	0.653468	-1.5303	36.697	37.2441	0.90214	1
cg18751682	0.276295	0.797626	-1.25372	0.695582	1.08168	1.08168	4.88E-07	16.7123	16.7123	0.471193	0.863852	-1.15761	36.4437	23.0123	0.561288	1
cg25109431	0.118784	0.557332	-1.79426	?	?	?	2.43E-06	94.8722	94.8722	0.783204	1.09862	1.09862	46.7949	74.9435	1.40134	1
cg09499629	0.0718198	1.76977	1.76977	0.152044	0.646733	-1.54623	1.21E-05	13.7839	13.7839	0.00016196	6.22619	6.22619	29.9074	38.2107	1.13567	1
cg22285878	0.0702121	2.04698	2.04698	0.81974	0.923661	-1.08265	7.83E-06	49.6361	49.6361	0.00347234	4.26538	4.26538	34.5175	64.7431	1.45885	1
cg06533629	0.000674731	4.10877	4.10877	0.4056	0.793509	-1.26023	6.51E-06	15.3264	15.3264	0.126424	1.56743	1.56743	25.1867	29.4746	1.04022	1
cg07955995	0.00198541	13.3111	13.3111	0.000654941	0.0452591	-22.095	6.52E-05	77.0989	77.0989	0.00711149	7.85162	7.85162	24.2087	134.675	4.94497	1
cg05651960	0.644959	1.14832	1.14832	0.488813	0.810908	-1.23319	1.26E-05	15.4725	15.4725	0.539723	1.20328	1.20328	20.3566	28.6438	1.25076	1
cg18645297	0.284241	1.36158	1.36158	0.0820946	0.585985	-1.70653	0.000353566	4.9139	4.9139	0.737885	0.911023	-1.09767	19.6625	23.9721	1.08372	1
cg00094518	0.201452	1.75258	1.75258	0.160842	0.536341	-1.86449	3.57E-05	27.5494	27.5494	0.0517406	2.51128	2.51128	18.8952	51.7708	2.43546	1
cg08719712	0.285459	0.684738	-1.46041	0.117334	0.559515	-1.78726	0.00014417	9.34981	9.34981	0.0321906	2.35477	2.35477	16.9292	31.2457	1.64059	1
cg09529138	0.0718569	0.584956	-1.70953	0.00904254	0.412556	-2.42391	0.000434734	4.41105	4.41105	0.628089	1.13912	1.13912	16.7391	18.8763	1.00238	1
cg06038655	0.0379026	0.410518	-2.43594	0.00502719	0.253454	-3.94549	3.27E-05	19.7811	19.7811	0.00664739	3.67936	3.67936	14.6489	31.7401	1.92597	1
cg08097417	0.0055152	3.06792	3.06792	0.0428668	0.488602	-2.04665	0.000156065	7.31036	7.31036	0.00483391	3.15376	3.15376	12.6777	18.9609	1.32943	1
cg14361627	0.0113146	4.40208	4.40208	0.146988	0.483235	-2.06939	0.000954011	9.97784	9.97784	0.0495156	2.84966	2.84966	9.98163	34.5168	3.0738	1
cg02423044	0.723504	0.868654	-1.15121	0.00227023	0.184035	-5.43376	0.000832688	7.34492	7.34492	0.964103	0.982318	-1.018	6.71783	16.7191	2.21223	1
cg03914913	0.321751	0.664275	-1.5054	0.056878	0.42267	-2.36591	0.00477992	4.46689	4.46689	0.53318	1.28687	1.28687	5.35284	13.5378	2.24807	1
cg23399222	0.033534	1.69081	1.69081	0.0702984	0.651882	-1.53402	0.495727	0.863907	-1.15753	0.0129895	0.521036	-1.91925	30.0661	21.2988	0.629688	1
cg02312542	0.0222987	0.741828	-1.34802	0.00488442	1.50199	1.50199	0.93686	0.991398	-1.00868	0.366088	0.903702	-1.10656	6.41094	1.20728	0.167391	1
cg14339848	0.0655645	0.561231	-1.7818	0.418811	0.79382	-1.25973	0.0348654	1.98837	1.98837	0.113521	0.617975	-1.61819	5.60204	6.93106	1.09977	1
cg13797228	0.740095	1.14282	1.14282	0.0668708	0.438759	-2.27915	0.232413	0.605212	-1.65231	0.0412385	2.57086	2.57086	5.31556	10.5292	2.2638	1
cg24269434	0.0657386	0.600852	-1.6643	0.546133	1.16263	1.16263	0.5744	1.15024	1.15024	0.0794112	0.61858	-1.61661	3.94435	3.80157	0.856711	1
cg21468971	0.665482	0.947481	-1.05543	0.000966169	1.83918	1.83918	0.127753	0.81528	-1.22657	0.749577	0.961062	-1.04052	3.78022	0.920861	0.216533	1
cg02584867	0.0479023	0.527074	-1.89727	0.000477797	0.211735	-4.72289	0.00151681	0.274355	-3.64491	0.0438378	0.518921	-1.92707	7.32809	9.30562	1.12876	1
cg25428970	0.00191295	0.215544	-4.63943	0.00120969	5.23168	5.23168	0.852642	1.06708	1.06708	0.416497	1.33636	1.33636	6.13927	11.8543	1.71635	1
cg09775785	0.683445	0.807071	-1.23905	0.837239	0.898039	-1.11354	0.344121	1.66445	1.66445	0.535027	1.38882	1.38882	5.85057	22.5136	3.84811	1
cg15986590	0.972143	0.995927	-1.00409	0.000407725	0.518688	-1.92794	0.0243467	0.730767	-1.36843	0.036661	0.752933	-1.32814	5.47036	1.18366	0.192336	1
cg04998634	0.00515222	5.72947	5.72947	0.0196678	0.26406	-3.78701	0.768137	0.869621	-1.14993	0.512731	0.730735	-1.36848	5.12452	18.1224	3.14347	1
cg03157040	0.739921	1.14813	1.14813	0.0358568	0.36334	-2.75224	0.0229284	0.323571	-3.09051	0.00476617	0.211437	-4.72954	4.55011	12.3899	2.42044	1
cg24226281	0.25303	1.34679	1.34679	0.0179113	0.487956	-2.04936	0.00659137	0.414878	-2.41035	0.487889	0.838827	-1.19214	4.51727	4.44946	0.875544	1
cg15562859	0.718659	1.09242	1.09242	0.476043	0.837714	-1.19372	0.0473897	1.74067	1.74067	0.890625	0.966939	-1.03419	4.4652	4.22234	0.840543	1
cg15045802	0.0240459	4.83331	4.83331	?	?	?	0.212613	0.463705	-2.15654	0.705058	0.800425	-1.24934	4.15861	20.0641	4.8247	1
cg08934318	0.000475968	0.308488	-3.24161	3.76E-05	0.183236	-5.45744	0.0628819	0.638499	-1.56617	0.0129394	0.516129	-1.9375	16.5047	12.0144	0.647056	1
cg18202456	0.00739335	0.530977	-1.88332	0.00309213	2.10143	2.10143	0.345177	0.836658	-1.19523	0.675828	0.92576	-1.08019	9.31793	4.9653	0.473667	1
cg16903122	0.327236	1.11824	1.11824	0.00371664	1.54203	1.54203	0.686983	1.04578	1.04578	0.548121	0.935049	-1.06946	6.44654	1.24675	0.17191	1
cg21864563	0.243456	0.801299	-1.24797	0.00267757	2.12427	2.12427	0.572796	0.901739	-1.10897	0.785055	1.05087	1.05087	3.38932	1.76844	0.463795	1
cg08679013	0.821381	1.05129	1.05129	0.349114	0.807988	-1.23764	0.368783	0.815311	-1.22653	0.0448485	0.600902	-1.66416	5.19244	4.02368	0.688811	1
cg04324758	7.84E-05	6.15474	6.15474	1.73E-07	60.2548	60.2548	3.86E-07	40.3556	40.3556	0.0181637	2.07431	2.07431	62.7083	64.2637	0.910936	1
cg26842024	0.00130877	1.37957	1.37957	2.02E-05	0.552819	-1.80891	2.15E-06	2.22422	2.22422	0.0593614	1.15763	1.15763	35.895	2.68851	0.0665773	1
cg05906166	0.000729592	6.90737	6.90737	0.000121708	12.4903	12.4903	0.000118718	12.6036	12.6036	0.0575766	2.24364	2.24364	17.7287	39.7616	1.99358	1
cg18473733	0.0310403	2.31546	2.31546	0.000275971	7.20571	7.20571	0.00251742	4.0205	4.0205	0.0218665	2.49035	2.49035	7.30422	12.7251	1.54859	1
cg15496085	0.507226	0.92625	-1.07962	0.823621	0.974901	-1.02575	0.00455684	0.650374	-1.53758	0.888637	1.01608	1.01608	6.88706	1.41422	0.182528	1
cg03725130	0.000224255	0.0279713	-35.7509	0.697229	1.25577	1.25577	0.548635	0.702193	-1.42411	0.316347	1.8284	1.8284	5.75331	30.9195	4.77707	1
cg22247553	0.007426	0.14262	-7.01162	0.023635	0.217365	-4.60055	0.011789	0.169245	-5.90861	0.0484234	0.279819	-3.57373	5.54806	28.0306	4.49095	1
cg02668248	0.0348269	2.47054	2.47054	0.00417756	4.10099	4.10099	0.130257	1.82376	1.82376	0.328735	1.44867	1.44867	3.84735	8.23795	1.90329	1
cg26209812	0.000748193	1.57906	1.57906	0.000662952	1.59286	1.59286	0.0143023	0.763562	-1.30965	0.0200174	0.778288	-1.28487	16.4166	2.07357	0.112275	1
cg18101917	0.270875	0.830135	-1.20462	0.000609825	2.35754	2.35754	0.557895	1.10102	1.10102	0.472803	0.888174	-1.12591	7.32505	3.05977	0.3713	1
cg22051776	0.0496788	0.749209	-1.33474	0.00102975	1.87228	1.87228	0.0608041	1.31331	1.31331	0.0603904	1.31403	1.31403	5.81746	1.53214	0.234106	1
cg24464101	0.680267	1.09519	1.09519	0.00124989	2.81352	2.81352	0.97973	0.99444	-1.00559	0.537054	0.871834	-1.14701	4.51588	3.44386	0.677877	1
cg21953508	0.0504518	0.786445	-1.27154	0.00178628	1.6145	1.6145	0.178764	0.857341	-1.1664	0.899836	0.986523	-1.01366	4.38246	0.805873	0.163454	1
cg13152856	0.916259	0.981349	-1.01901	0.011156	1.76721	1.76721	0.653454	1.08426	1.08426	0.90877	1.02073	1.02073	3.69408	1.87469	0.451098	1
cg24279243	0.243113	1.38214	1.38214	0.200238	0.698717	-1.43119	0.0707642	1.70743	1.70743	0.23301	1.39285	1.39285	3.50097	3.89274	0.988359	1
cg15048078	0.427478	1.27214	1.27214	3.03E-05	0.088669	-11.2779	0.449793	1.25709	1.25709	8.73E-05	0.123674	-8.0858	19.5123	27.2766	1.2426	1
cg27283052	0.542133	0.81881	-1.22128	0.190748	0.638378	-1.56647	0.791172	1.08978	1.08978	0.820445	0.928998	-1.07643	3.62513	6.02544	1.47745	1
cg14185918	0.0485076	8.30992	8.30992	0.000973685	100.485	100.485	0.00752621	25.3081	25.3081	0.0635278	7.09929	7.09929	4.77467	66.7425	12.4253	1
cg03066050	0.0309823	10.3202	10.3202	0.00618387	26.8606	26.8606	0.0337101	9.83182	9.83182	0.215153	3.32821	3.32821	3.74663	50.398	11.9569	1
cg00492574	0.14043	1.53985	1.53985	0.408652	1.25865	1.25865	0.786198	1.07682	1.07682	0.179319	0.678226	-1.47443	3.39277	3.98146	1.04312	1
cg09299924	0.988436	1.00273	1.00273	0.0115479	0.55148	-1.8133	0.0146588	0.567676	-1.76157	0.00845014	0.530672	-1.8844	15.0657	8.47147	0.499824	1
cg14281591	0.292111	0.85118	-1.17484	0.277848	0.846746	-1.18099	0.119244	1.28305	1.28305	0.397641	1.13618	1.13618	8.94026	3.07697	0.305929	1
cg04339360	0.0550851	0.547607	-1.82613	8.90E-05	0.143301	-6.97832	0.378785	0.778787	-1.28405	0.106887	0.614233	-1.62805	8.01325	9.7296	1.07928	1
cg09667226	0.35771	0.867545	-1.15268	0.0039625	0.55874	-1.78974	0.0357508	1.4435	1.4435	0.95453	0.991471	-1.0086	7.02794	2.51185	0.317697	1
cg07749664	0.359288	0.518834	-1.9274	0.0781566	0.256042	-3.90561	0.0169286	7.59829	7.59829	0.0729442	4.02457	4.02457	4.93911	37.9093	6.82252	1
cg20524889	0.469227	1.65577	1.65577	0.00239734	18.1231	18.1231	0.0119788	8.55793	8.55793	0.186936	2.60646	2.60646	3.87884	28.8119	6.60264	1
cg21973667	0.740601	0.810351	-1.23403	0.20631	0.430096	-2.32506	0.0750083	3.50787	3.50787	0.120775	2.9009	2.9009	3.71991	23.6037	5.64021	1
cg11398020	0.0153474	7.44838	7.44838	0.546061	0.662143	-1.51025	0.135339	2.96314	2.96314	0.0143484	7.66802	7.66802	3.53983	25.5305	6.41097	1
cg21790851	0.244975	0.415922	-2.4043	0.139446	0.317521	-3.1494	0.0259275	6.73427	6.73427	0.119259	3.38553	3.38553	3.43944	28.3428	7.32491	1
cg23792383	0.0888438	1.49343	1.49343	0.00857431	0.488431	-2.04737	0.0557547	0.629278	-1.58912	0.387067	1.20861	1.20861	4.0423	2.92377	0.642927	1
cg00252332	0.828714	0.957553	-1.04433	0.00209339	0.420379	-2.37881	0.227262	0.775881	-1.28886	0.858388	0.964878	-1.0364	3.48438	2.21153	0.564177	1
cg20355062	0.469985	1.09635	1.09635	1.01E-06	0.200565	-4.98592	0.163066	0.830007	-1.20481	0.309366	0.876645	-1.14071	21.3077	5.28512	0.220478	1
cg14174912	0.299306	0.681212	-1.46797	5.95E-05	0.070655	-14.1533	0.338966	1.42153	1.42153	0.00947878	0.309414	-3.23191	12.9821	26.1844	1.79286	1
cg02092590	0.545798	0.922248	-1.08431	0.000319444	0.46238	-2.16272	0.569809	0.926773	-1.07901	0.77115	0.962121	-1.03937	9.0284	2.22801	0.246778	1
cg27283993	0.086047	0.623814	-1.60304	0.625736	1.13008	1.13008	0.95953	1.0127	1.0127	0.673137	0.899823	-1.11133	6.20276	6.08011	0.871313	1
cg08614871	0.761775	1.16524	1.16524	0.00151032	0.100357	-9.96442	0.183611	2.03317	2.03317	0.28251	0.570235	-1.75366	5.39878	21.6324	3.56169	1
cg11847468	0.639583	0.859371	-1.16364	0.00298831	0.270172	-3.70135	0.385873	0.751529	-1.33062	0.030996	0.443197	-2.25633	5.00339	8.18207	1.45361	1
cg01496720	0.00130006	0.514441	-1.94386	0.932877	1.01203	1.01203	0.0691879	0.749384	-1.33443	0.0321224	0.700339	-1.42788	4.72147	1.5057	0.283472	1
cg06162279	0.681575	0.890148	-1.12341	0.632317	0.872871	-1.14565	0.0613525	1.81224	1.81224	0.644098	1.14021	1.14021	4.3417	5.47054	1.12	1
cg24287110	0.367178	0.548858	-1.82197	0.0035311	0.0772013	-12.9532	0.457748	0.612809	-1.63183	0.118807	0.334056	-2.99351	3.67602	24.417	5.90423	1
cg13454226	0.119113	2.18915	2.18915	0.0214899	0.278197	-3.59457	0.0164056	3.89094	3.89094	0.583961	1.29197	1.29197	3.50735	11.9194	3.0208	1
cg04396539	0.905492	1.01139	1.01139	6.89E-05	0.499773	-2.00091	0.494563	1.06836	1.06836	0.897525	0.987791	-1.01236	12.6158	1.81607	0.127957	1
cg10278149	0.0480499	1.94867	1.94867	0.163467	1.55127	1.55127	0.000528516	4.92246	4.92246	0.581895	1.17843	1.17843	6.99898	9.66158	1.22705	1
cg15369419	0.112242	0.551182	-1.81428	0.880013	0.949295	-1.05341	0.242186	1.5245	1.5245	0.317383	0.700445	-1.42766	5.45058	10.244	1.6706	1
cg05861291	0.0176765	3.36173	3.36173	0.0135297	3.6118	3.6118	0.0186823	3.3125	3.3125	0.114155	2.05869	2.05869	3.93411	11.0003	2.48544	1
cg20374118	0.252623	1.88139	1.88139	0.0566719	3.12986	3.12986	0.00170865	10.6837	10.6837	0.211549	2.00593	2.00593	3.77773	16.737	3.93817	1
cg24268343	0.28453	1.55741	1.55741	0.00186318	0.172183	-5.80778	0.269583	0.632446	-1.58116	0.0777568	0.457861	-2.18407	5.6292	14.1585	2.23573	1
cg02590710	0.0742615	0.548704	-1.82248	0.566593	0.839624	-1.19101	0.185915	0.65494	-1.52686	0.947566	0.98035	-1.02004	4.93048	7.11045	1.2819	1
cg25656981	0.102288	1.84703	1.84703	0.87459	0.947242	-1.0557	0.164334	0.600998	-1.6639	0.461052	1.29371	1.29371	4.87368	9.08927	1.65775	1
cg01355242	0.208034	0.684138	-1.46169	0.0368422	0.499874	-2.0005	0.0224824	0.457626	-2.18519	0.278265	0.724407	-1.38044	4.26236	5.52036	1.15124	1
cg11633007	0.499352	1.40311	1.40311	0.10442	0.41615	-2.40298	0.00964229	0.198284	-5.04327	0.067111	0.362919	-2.75543	4.0532	15.6602	3.43436	1
cg05633597	0.594301	1.25486	1.25486	0.0264092	0.32899	-3.0396	0.0546986	0.398387	-2.51012	0.596953	0.798227	-1.25278	3.46273	9.78069	2.51072	1
cg18957138	0.0595936	0.495351	-2.01877	0.0362722	0.447354	-2.23537	3.44E-05	14.1324	14.1324	0.0471745	0.472155	-2.11795	17.2638	29.8516	1.53702	1
cg14279842	0.686007	0.939698	-1.06417	0.00109012	2.09068	2.09068	0.129851	0.77849	-1.28454	0.00271874	0.530699	-1.88431	22.2147	8.23939	0.329687	1
cg16731007	0.0465596	0.364972	-2.73994	0.000260997	0.0703008	-14.2246	0.991068	1.00496	1.00496	0.786388	0.886813	-1.12763	6.36706	19.719	2.75292	1
cg10510891	0.310476	1.49722	1.49722	0.148505	0.550995	-1.8149	0.016285	0.323079	-3.09522	0.00433206	0.230735	-4.33398	4.84733	11.3558	2.08239	1
cg15365950	0.0806922	1.2025	1.2025	0.0023834	0.668228	-1.4965	0.118975	0.851216	-1.17479	0.896581	1.01246	1.01246	3.70782	0.532174	0.12758	1
cg17076012	0.525832	0.914274	-1.09376	0.775577	0.960932	-1.04066	0.7476	1.04605	1.04605	0.954951	0.992155	-1.00791	3.60977	1.11136	0.273667	1
cg21871407	0.0115311	0.102667	-9.74024	0.0758615	4.03982	4.03982	0.768555	0.814518	-1.22772	0.537783	1.54405	1.54405	3.69994	27.7057	5.82412	1
cg02342337	0.0488382	1.38084	1.38084	0.0364192	0.705504	-1.41743	0.00112258	0.502569	-1.98978	0.846354	1.02822	1.02822	6.43863	2.09814	0.28966	1
cg04894993	0.0170624	0.74874	-1.33558	0.000944886	0.612254	-1.63331	0.016811	0.748037	-1.33683	0.340968	0.906973	-1.10257	5.87238	0.920852	0.139387	1
cg13267368	0.0014344	1.32132	1.32132	3.20E-06	1.94849	1.94849	0.0296823	1.16732	1.16732	0.130506	1.10375	1.10375	23.6505	1.36862	0.0514389	1
cg15827101	0.323127	1.18007	1.18007	0.00107042	0.456509	-2.19054	0.00647789	0.563141	-1.77575	0.00269958	0.510434	-1.95912	20.2365	8.43588	0.370546	1
cg01941274	0.0344307	0.637536	-1.56854	0.00866648	0.543048	-1.84146	0.544566	1.11841	1.11841	0.686842	0.928716	-1.07676	17.566	9.26327	0.468748	1
cg01260308	0.183202	1.43373	1.43373	0.000425323	4.15211	4.15211	0.0284609	1.93409	1.93409	0.83954	0.949594	-1.05308	9.76167	10.0618	0.91622	1
cg18157307	0.127932	0.799699	-1.25047	0.276231	1.16628	1.16628	0.0421083	1.37443	1.37443	0.578879	0.926683	-1.07912	4.75589	1.38932	0.259669	1
cg20586607	0.246373	1.19859	1.19859	0.131724	0.784168	-1.27524	0.589821	0.921893	-1.08473	0.0633336	0.731956	-1.3662	4.57112	1.61654	0.314348	1
cg23336454	0.150655	0.489143	-2.04439	0.287977	1.65884	1.65884	0.584116	1.28541	1.28541	0.587323	0.779674	-1.28259	5.5067	17.015	2.05991	1
cg04730839	0.00548373	0.539904	-1.85218	0.217406	0.803298	-1.24487	0.00491398	1.87568	1.87568	0.939098	1.01298	1.01298	6.16994	2.78381	0.401056	1
cg07208891	0.000888244	0.202106	-4.9479	0.0011694	0.216485	-4.61926	0.901121	1.04072	1.04072	0.000750129	0.193577	-5.16589	15.1583	24.7582	1.45183	1
cg27066295	0.153412	1.36552	1.36552	0.0238057	0.577084	-1.73285	0.589362	0.894888	-1.11746	0.241504	0.778912	-1.28384	9.98791	6.57006	0.584712	1
cg21461308	0.0470035	0.589523	-1.69629	0.000357848	3.78627	3.78627	0.485765	0.848201	-1.17897	0.671162	1.10436	1.10436	9.62729	8.23806	0.760622	1
cg08734237	0.615699	0.946906	-1.05607	0.00848398	1.43648	1.43648	0.0578908	1.26001	1.26001	0.00437724	0.663482	-1.5072	9.58025	1.76308	0.163585	1
cg05746370	0.307256	1.10897	1.10897	0.000287819	1.78436	1.78436	0.301142	0.90047	-1.11053	0.549272	1.06109	1.06109	9.53858	1.44665	0.134812	1
cg11888757	0.00158636	4.09092	4.09092	0.472158	1.25512	1.25512	0.952784	0.98177	-1.01857	0.209583	0.663052	-1.50818	7.84288	10.6598	1.35917	1
ch.16.2085963	0.136635	0.51434	-1.94424	0.544374	0.775381	-1.28969	0.534801	0.770564	-1.29775	0.0326659	0.354717	-2.81915	5.96339	16.2369	2.42023	1
cg09765815	0.666718	1.10298	1.10298	0.0427521	1.69491	1.69491	0.182242	0.725951	-1.3775	0.443815	1.19318	1.19318	4.93795	4.00248	0.720493	1
cg05613083	0.161035	1.24726	1.24726	0.0062877	1.69103	1.69103	0.710447	1.05658	1.05658	0.209917	0.822818	-1.21534	4.59512	1.58531	0.306664	1
cg01453111	0.0407773	0.364689	-2.74206	0.00919357	0.243521	-4.10643	0.0577914	0.400032	-2.4998	0.102596	0.466315	-2.14447	4.59058	13.2632	2.5682	1
cg27579131	0.370735	0.81949	-1.22027	0.593385	1.12381	1.12381	0.24667	0.76922	-1.30002	0.918971	0.978202	-1.02228	4.09291	3.04082	0.660398	1
cg06515734	0.512419	1.08085	1.08085	0.00066599	1.83973	1.83973	0.927384	0.989389	-1.01072	0.538722	1.07556	1.07556	3.93333	0.853157	0.192804	1
cg23839398	0.114643	1.69942	1.69942	0.887596	1.04468	1.04468	0.0583922	0.516338	-1.93672	0.310652	0.723094	-1.38295	3.92409	5.93652	1.34475	1
cg16650955	0.68254	0.909997	-1.0989	0.156178	1.41612	1.41612	0.0630136	0.619007	-1.61549	0.695363	1.09446	1.09446	3.79096	3.1581	0.740497	1
cg08356614	0.724061	0.902624	-1.10788	0.000555586	0.212589	-4.7039	0.288938	0.727484	-1.3746	0.547079	0.838519	-1.19258	5.79874	7.67189	1.17603	1
cg23281527	0.491044	0.796499	-1.25549	0.000750031	5.27686	5.27686	0.0654534	1.9593	1.9593	0.0413954	0.465251	-2.14938	17.7388	29.7265	1.48959	1
cg21693033	0.302961	0.859177	-1.16391	0.000255751	0.424601	-2.35515	0.0917247	1.30228	1.30228	0.582257	0.924014	-1.08223	13.3716	4.2851	0.284855	1
cg05040210	0.509182	1.15903	1.15903	0.706035	1.0871	1.0871	0.426404	0.836114	-1.19601	0.056388	0.621175	-1.60985	3.59891	2.76867	0.683829	1
cg07632391	0.691988	1.06266	1.06266	0.00364039	1.82292	1.82292	0.676785	1.06608	1.06608	0.712844	0.945139	-1.05805	3.50709	1.29408	0.327992	1
cg22910549	0.000100794	0.28678	-3.48699	0.389623	0.852361	-1.17321	0.0103439	0.556944	-1.79551	0.108651	1.3731	1.3731	14.9962	7.79804	0.462224	1
cg01054241	8.20E-05	0.146413	-6.82999	0.0524402	1.81669	1.81669	0.716629	0.906038	-1.10371	0.512181	1.19716	1.19716	7.69711	8.93281	1.03159	1
cg07600533	0.0770857	0.268643	-3.72241	0.0127999	7.9051	7.9051	0.137868	2.91057	2.91057	0.0036806	13.8073	13.8073	6.16451	43.6512	6.29427	1
cg25665606	0.0900362	0.413405	-2.41893	0.00847976	4.89722	4.89722	0.226502	1.82276	1.82276	0.0343022	3.21353	3.21353	3.94681	13.9712	3.14655	1
cg03957481	0.282394	0.351317	-2.84643	0.0175181	14.9935	14.9935	0.827849	1.22623	1.22623	0.00443506	35.0088	35.0088	3.78748	52.6054	12.346	1
cg04177826	0.824665	1.04271	1.04271	0.0457622	0.649445	-1.53978	0.0240702	1.66055	1.66055	0.133206	1.35706	1.35706	3.56946	2.00837	0.500137	1
cg11829870	0.0879749	0.618372	-1.61715	0.0108564	2.2626	2.2626	0.640628	0.886906	-1.12751	0.656697	1.12097	1.12097	5.77141	5.9563	0.917365	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07833467	KLHDC7B;KLHDC7B	0.0254224	0.0397466	2.97081	2.97081	0.296041	1.64249	1.64249	0.970103	0.982983	-1.01731	0.127771	2.12564	2.12564	0.0154685	3.89769	3.89769	0.00783142	0.209512	-4.77299	0.555976	1.31356	1.31356	0.285001	0.601352	-1.66292	0.096943	2.30334	2.30334	4.33189	14.3886	2.95249	1
cg24692170	KLHDC8A	0.00152901	0.000353351	0.143737	-6.95716	0.0710152	0.505737	-1.97731	0.00181359	0.22338	-4.47669	0.805473	0.91998	-1.08698	0.000434379	0.152554	-6.55505	0.0382386	0.444062	-2.25194	0.0012047	0.2013	-4.96771	0.0845202	0.524682	-1.90591	0.00918123	0.326873	-3.05929	10.4219	18.8588	1.60847	1
cg11841127	KLHDC8A	0.00313443	0.073181	0.692114	-1.44485	0.00908177	1.84149	1.84149	0.0096258	0.546866	-1.8286	0.367383	1.18594	1.18594	0.00179715	0.441345	-2.2658	0.109083	0.724833	-1.37963	0.183905	0.771338	-1.29645	0.00453501	2.00661	2.00661	0.671019	0.924329	-1.08187	8.44736	4.538	0.477519	1
cg15486127	KLHDC8A	0.00635291	0.00140008	0.257243	-3.88738	0.177185	0.65652	-1.52318	0.268195	0.712939	-1.40264	0.0263135	0.461626	-2.16626	0.000550354	0.20721	-4.82602	0.0185133	0.432586	-2.31168	0.00732281	0.362627	-2.75765	0.188046	0.664148	-1.50569	0.386561	0.770739	-1.29746	6.81758	9.29384	1.21175	1
cg09319656	KLHDC8A	0.00823921	0.369402	0.819496	-1.22026	0.000789816	0.334434	-2.99012	0.0016314	0.377358	-2.65	0.64946	0.905912	-1.10386	0.0116412	0.506136	-1.97575	0.024426	0.560432	-1.78434	0.848565	0.959559	-1.04214	0.837323	1.0454	1.0454	0.436352	0.84242	-1.18706	6.28554	4.6422	0.656491	1
cg09502111	KLHDC8A	0.0106558	0.0170847	0.185576	-5.38863	0.00397038	0.106033	-9.43102	0.0572703	0.287645	-3.47651	0.471286	0.654065	-1.5289	0.02442	0.211489	-4.72837	0.0603806	0.293175	-3.41094	0.00247098	0.0873122	-11.4532	0.00716443	0.133782	-7.47482	0.0138672	0.171784	-5.82128	5.79147	30.7865	4.72519	1
cg08159989	KLHDC8A	0.0168748	0.116138	0.503841	-1.98475	0.0109593	0.277584	-3.60251	0.241572	0.611341	-1.63575	0.233365	0.605552	-1.65138	0.00088068	0.135122	-7.4007	0.0161309	0.306729	-3.26021	0.54085	1.28214	1.28214	0.149101	0.537353	-1.86098	0.0790368	0.457098	-2.18772	4.98178	12.7158	2.26885	1
cg13459217	KLHDC8A	0.0178383	0.0225039	0.0862186	-11.5984	0.0118018	0.0596119	-16.7752	0.0656246	0.156796	-6.37771	0.101187	0.199963	-5.00092	0.0134702	0.0643502	-15.54	0.100251	0.198913	-5.02732	0.00307383	0.0263993	-37.8798	0.0136994	0.0649788	-15.3896	0.026333	0.0941938	-10.6164	4.88994	62.2829	11.3217	1
cg10567964	KLHDC8A	0.0330713	0.86728	0.919251	-1.08784	0.33919	1.642	1.642	0.23077	1.88296	1.88296	0.860165	0.915061	-1.09282	0.0253055	0.262195	-3.81396	0.947975	0.967685	-1.03339	0.0158093	4.42987	4.42987	0.00544157	6.30243	6.30243	0.430831	1.49895	1.49895	3.94699	15.841	3.56751	1
cg19593949	KLHDC8A	0.0340607	0.132261	2.10755	2.10755	0.233019	1.77519	1.77519	0.0278126	3.29788	3.29788	0.319296	1.60374	1.60374	0.0673086	0.390255	-2.56243	0.966576	1.01942	1.01942	0.030719	3.20523	3.20523	0.00495047	5.51733	5.51733	0.497382	1.3719	1.3719	3.90533	13.0274	2.96515	1
cg07429623	KLHDC8A	0.0369765	0.176674	0.5768	-1.7337	0.00202441	0.188635	-5.30125	0.0619382	0.446927	-2.2375	0.755276	1.12726	1.12726	0.0411786	0.405552	-2.46578	0.0559949	0.436319	-2.2919	0.0706584	0.461193	-2.16829	0.0997921	0.501055	-1.99579	0.919355	0.961942	-1.03956	3.79074	8.81283	2.06652	1
cg09314590	KLHDC8A	0.0386758	0.976804	0.996411	-1.0036	0.294038	0.874068	-1.14408	0.334498	0.884183	-1.13099	0.0341648	1.35754	1.35754	0.0907071	0.794147	-1.25921	0.644377	1.05917	1.05917	0.00324199	1.64303	1.64303	0.539525	0.926059	-1.07984	0.732736	0.958496	-1.0433	3.72899	0.90323	0.215306	1
cg21996351	KLHDC8A	0.0435402	0.0646701	0.360337	-2.77518	0.00173564	0.111122	-8.99909	0.267633	0.566662	-1.76472	0.492001	0.709449	-1.40954	0.0510084	0.335124	-2.98397	0.12065	0.436948	-2.2886	0.0809509	0.38604	-2.5904	0.0368935	0.30354	-3.29446	0.39625	0.652262	-1.53313	3.56922	13.6761	3.40593	1
cg16524005	KLHDC8A	0.0442896	0.0426128	0.163207	-6.12718	0.072825	0.211393	-4.73052	0.0432207	0.164326	-6.08546	0.173439	0.324734	-3.07945	0.0297082	0.13709	-7.29448	0.101766	0.248819	-4.01899	0.00937216	0.0774268	-12.9154	0.0217039	0.117655	-8.4994	0.030854	0.139628	-7.16188	3.54657	33.8723	8.48954	1
cg14611230	KLHDC8B	0.000742412	0.000110729	0.140033	-7.14117	0.0560113	0.534911	-1.86947	0.00695435	0.364465	-2.74375	0.00642085	0.35888	-2.78644	0.0116041	0.401698	-2.48943	0.224322	0.691459	-1.44622	7.58E-05	0.125622	-7.96041	0.0655793	0.550289	-1.81723	0.00220097	0.289182	-3.45803	12.798	16.9343	1.17618	1
cg10255761	KLHDC8B	0.00155078	0.59107	0.886087	-1.12856	0.516948	1.15779	1.15779	0.0647476	1.58812	1.58812	0.332622	1.24964	1.24964	0.0020246	0.378817	-2.6398	0.210301	1.34226	1.34226	0.00170844	0.368383	-2.71457	0.000410373	3.49405	3.49405	0.4036	0.826486	-1.20994	10.3795	8.17321	0.699941	1
cg14507891	KLHDC8B	0.00451007	0.663095	1.08713	1.08713	0.000655099	2.70565	2.70565	0.00273088	2.19994	2.19994	0.685097	1.0808	1.0808	0.143273	0.74098	-1.34956	0.103057	1.40477	1.40477	0.0776741	0.688164	-1.45314	0.073203	0.683326	-1.46343	0.325884	0.824213	-1.21328	7.57258	4.3563	0.511354	1
cg27582585	KLHDC9;KLHDC9;KLHDC9	0.0194439	0.0226683	0.513822	-1.9462	0.109558	1.53078	1.53078	0.0209911	0.507785	-1.96934	0.132339	0.67276	-1.48641	0.0226058	0.513604	-1.94702	0.134207	0.674241	-1.48315	0.0846004	0.6278	-1.59286	0.0316423	1.84948	1.84948	0.3642	0.796467	-1.25554	4.74979	4.48069	0.838529	1
cg25246876	KLHL1	0.00618024	0.200873	1.54028	1.54028	0.0916493	0.552188	-1.81098	0.00278523	0.267594	-3.73701	0.713113	1.12534	1.12534	0.179765	0.634084	-1.57708	0.408086	0.762947	-1.31071	0.000355613	0.159898	-6.25397	0.27781	1.43457	1.43457	0.238361	0.673751	-1.48423	6.87599	11.1342	1.43937	1
cg02157802	KLHL1	0.016601	0.00732107	0.303224	-3.2979	0.00415811	0.265622	-3.76476	0.025547	0.400242	-2.49849	0.251038	0.661073	-1.51269	0.00351508	0.255114	-3.91982	0.021608	0.385965	-2.59091	0.0880599	0.522243	-1.91482	0.597639	0.832088	-1.2018	0.202026	0.628199	-1.59185	5.00907	9.44865	1.67672	1
cg00978248	KLHL10	0.00394353	0.214507	0.684657	-1.46059	0.0190366	0.439148	-2.27714	0.00398834	0.325631	-3.07096	0.28862	1.37624	1.37624	0.000531844	0.20939	-4.77577	0.0382563	0.498494	-2.00604	0.00567028	0.349204	-2.86366	0.0817636	0.571676	-1.74924	0.0043583	0.331475	-3.01682	7.8862	10.4972	1.18318	1
cg18408487	KLHL10;NT5C3L	0.000215448	0.000178277	0.25148	-3.97645	0.573231	0.883608	-1.13172	6.92E-05	0.205856	-4.85777	0.903479	0.97397	-1.02673	0.00846095	0.481493	-2.07687	0.00474803	0.44253	-2.25974	2.08E-05	0.154622	-6.4674	0.0279502	0.568592	-1.75873	0.0411793	0.599232	-1.6688	18.004	13.4767	0.665369	1
cg12743169	KLHL11	6.74E-05	0.00653217	2.28484	2.28484	0.284953	1.29654	1.29654	4.01E-05	0.15969	-6.26213	0.718182	0.91875	-1.08844	0.000134645	0.213037	-4.69401	0.379971	1.2344	1.2344	3.79E-05	6.35388	6.35388	0.065479	1.62161	1.62161	0.545835	0.866811	-1.15365	24.5927	21.2952	0.769703	1
cg09248009	KLHL11	0.00515584	0.796762	0.94252	-1.06099	0.121472	1.46977	1.46977	0.0292839	1.80221	1.80221	0.0642227	1.61122	1.61122	0.00023555	0.247044	-4.04786	0.317801	0.789105	-1.26726	0.241851	0.755036	-1.32444	0.274149	0.770273	-1.29824	0.370239	1.23499	1.23499	7.27009	6.05807	0.740699	1
cg02645977	KLHL11	0.0125327	0.00702645	0.422995	-2.3641	0.9344	1.02053	1.02053	0.217756	0.726071	-1.37728	0.000331597	0.239225	-4.18017	0.757091	1.07961	1.07961	0.239448	0.737767	-1.35544	0.912899	1.02738	1.02738	0.797064	0.938363	-1.06569	0.913079	1.02732	1.02732	5.49537	5.30481	0.858066	1
cg06196122	KLHL11	0.0226649	0.0776433	0.798408	-1.25249	0.269937	0.876452	-1.14096	0.151644	1.19285	1.19285	0.194418	1.17068	1.17068	0.045145	0.768085	-1.30194	0.282388	0.87965	-1.13682	0.00713146	0.671037	-1.49023	0.0230213	1.36628	1.36628	0.701042	0.956684	-1.04528	4.50758	0.940772	0.185519	1
cg02331583	KLHL11	0.0229494	0.00593267	0.456142	-2.1923	0.802075	0.946688	-1.05631	0.121219	0.693146	-1.4427	0.784108	1.06173	1.06173	0.0161965	0.526467	-1.89945	0.00345326	0.420576	-2.37769	0.049708	0.613652	-1.62959	0.990627	1.00257	1.00257	0.855594	1.04054	1.04054	4.48826	3.38221	0.669839	1
cg04093671	KLHL11	0.0274228	0.0539397	0.322322	-3.10248	0.347863	0.606438	-1.64897	0.0841207	0.371982	-2.6883	0.403744	0.64267	-1.55601	0.000772344	0.0717959	-13.9284	0.0392947	0.291124	-3.43497	0.0762515	0.360342	-2.77514	0.940933	1.03909	1.03909	0.179058	0.477775	-2.09304	4.21859	17.8907	3.76971	1
cg05288569	KLHL11	0.0277072	0.23072	1.20329	1.20329	0.0607932	1.36493	1.36493	0.0853526	1.32306	1.32306	0.0490084	1.39209	1.39209	0.868165	1.02475	1.02475	0.0265867	0.679187	-1.47235	0.128152	0.784992	-1.2739	0.0213536	0.66556	-1.50249	0.952078	1.00889	1.00889	4.20331	1.44223	0.304994	1
cg10606888	KLHL11	0.0279546	0.303	0.629174	-1.58939	0.657191	1.21406	1.21406	0.522375	1.3252	1.3252	0.217425	0.569193	-1.75687	0.0232997	0.308085	-3.24586	0.149336	0.510968	-1.95707	0.00123125	0.128449	-7.7852	0.812733	1.10856	1.10856	0.060143	0.398194	-2.51134	4.19018	12.516	2.6551	1
cg11002791	KLHL11	0.0370179	0.743127	0.94137	-1.06228	0.00674809	1.90648	1.90648	0.0126829	1.76682	1.76682	0.696808	0.930587	-1.07459	0.298014	1.21921	1.21921	0.472094	0.874255	-1.14383	0.0853886	0.705117	-1.4182	0.205144	1.2784	1.2784	0.145227	1.33294	1.33294	3.7892	2.02577	0.475216	1
cg11231849	KLHL12	0.00123398	0.953178	1.00826	1.00826	0.00456655	0.589154	-1.69735	0.0246687	1.45465	1.45465	0.44838	0.897418	-1.11431	3.41E-05	0.324891	-3.07796	0.691421	0.945644	-1.05748	0.0441537	0.72331	-1.38253	0.487913	0.905997	-1.10376	0.455429	1.11237	1.11237	11.0831	3.44465	0.27627	1
cg21847405	KLHL12	0.00289239	0.0754175	0.338239	-2.95649	0.216245	0.490335	-2.03942	0.0014547	0.0805698	-12.4116	0.179132	0.457695	-2.18486	0.000866992	0.0647458	-15.445	0.110877	0.386247	-2.58901	0.000544953	0.0527257	-18.9661	0.00945631	0.16512	-6.05619	0.00435221	0.124127	-8.05628	8.65139	41.0951	4.22232	1
cg09138445	KLHL12	0.0237874	0.286139	2.62296	2.62296	0.00169415	0.0162858	-61.4032	0.150124	0.259328	-3.85611	?	?	?	0.491005	1.83474	1.83474	0.371985	2.21783	2.21783	0.0277829	0.0991048	-10.0903	0.189485	0.297107	-3.36579	0.337038	0.422871	-2.36479	4.99243	51.541	9.03336	1
cg15891747	KLHL12;KLHL12	0.0436194	0.965046	0.990689	-1.0094	0.796026	0.946203	-1.05686	0.687059	0.917181	-1.0903	0.299132	0.794755	-1.25825	0.00155963	0.378867	-2.63945	0.255146	1.28867	1.28867	0.142869	0.714504	-1.39957	0.358818	1.22314	1.22314	0.087604	0.668631	-1.49559	3.56681	2.57423	0.641528	1
cg05478253	KLHL13	0.021939	0.703322	0.867359	-1.15293	0.997384	1.00122	1.00122	0.0405626	0.414975	-2.40978	0.13641	0.550595	-1.81622	0.00154387	0.183832	-5.43974	0.739375	0.883232	-1.1322	0.00387234	0.235284	-4.25018	0.671705	0.85339	-1.1718	0.0958241	0.506467	-1.97446	4.55828	9.98508	1.94714	1
cg12050949	KLHL13;KLHL13;KLHL13	0.00184629	0.531327	0.841718	-1.18805	0.000326832	0.206427	-4.84434	0.00517851	0.366804	-2.72625	0.0277104	0.493028	-2.02828	0.00059383	0.236703	-4.22469	0.910779	1.03093	1.03093	0.0650077	1.756	1.756	0.404292	0.793029	-1.26099	0.0147265	0.442297	-2.26092	9.86879	11.542	1.03959	1
cg24343614	KLHL13;KLHL13;KLHL13	0.00217771	0.396893	1.25875	1.25875	0.00296553	0.338982	-2.95001	0.00349703	0.349601	-2.8604	0.301621	1.32829	1.32829	0.000507682	0.236711	-4.22456	0.756009	1.0862	1.0862	0.00994932	2.37163	2.37163	0.739045	1.09273	1.09273	0.806244	1.06736	1.06736	9.40526	10.4818	0.990632	1
cg12491738	KLHL13;KLHL13;KLHL13	0.0240601	0.640625	1.11541	1.11541	0.373491	0.808774	-1.23644	0.085915	0.643462	-1.55409	0.0709503	1.59789	1.59789	0.00993517	0.469301	-2.13083	0.672876	1.10368	1.10368	0.00760836	2.2196	2.2196	0.472116	0.84374	-1.1852	0.186162	0.722083	-1.38488	4.41557	3.77427	0.75979	1
cg20262712	KLHL13;KLHL13;KLHL13;KLHL13	0.0481619	0.31834	1.7754	1.7754	0.397788	0.617629	-1.6191	0.365392	0.595943	-1.67801	0.708109	0.811131	-1.23285	0.0472579	0.282677	-3.53761	0.199477	2.1265	2.1265	0.0204007	4.73747	4.73747	0.02135	4.6624	4.6624	0.158395	2.31452	2.31452	3.43659	16.8599	4.36088	1
cg01916066	KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;KLHL13	0.000695409	0.0108988	0.518612	-1.92823	0.000290585	0.297028	-3.36668	0.00400048	0.451737	-2.21368	0.487083	0.864973	-1.15611	4.15E-05	0.20108	-4.97315	0.855931	1.03804	1.03804	0.692808	0.921668	-1.08499	0.916593	0.978709	-1.02175	0.0053019	0.470048	-2.12744	13.035	8.71297	0.594161	1
cg00412554	KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;KLHL13	0.0097477	0.241113	0.707975	-1.41248	0.00166468	0.281997	-3.54613	0.319007	0.748388	-1.3362	0.804217	1.0724	1.0724	0.101786	0.604056	-1.65548	0.00439036	0.342836	-2.91684	0.0367755	0.50524	-1.97926	0.0428302	0.51889	-1.92719	0.0453461	1.90806	1.90806	5.95908	7.47506	1.11502	1
cg07468307	KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;KLHL13	0.0169127	0.0855772	0.630272	-1.58662	0.0169812	0.493054	-2.02818	0.231513	0.73724	-1.35641	0.345436	1.26622	1.26622	0.00460298	0.400083	-2.49948	0.0100098	0.453921	-2.20303	0.0105335	0.457602	-2.1853	0.329533	0.783148	-1.2769	0.451838	1.20466	1.20466	4.97805	4.6521	0.830687	1
cg06494770	KLHL13;KLHL13;KLHL13	0.000250715	0.00167649	0.350571	-2.85249	0.31297	0.78388	-1.27571	0.822832	1.05371	1.05371	0.163492	1.41477	1.41477	0.00198859	0.361043	-2.76976	5.22E-05	0.171276	-5.83853	0.000327064	0.258073	-3.87487	0.0204685	0.521225	-1.91856	0.00498152	2.38036	2.38036	17.2765	14.8943	0.766323	1
cg20162206	KLHL14	1.86E-06	5.82E-06	0.247143	-4.04625	0.012455	1.53171	1.53171	0.000263075	0.439435	-2.27565	1.87E-05	3.30133	3.30133	0.000722081	0.493952	-2.02449	0.0237351	0.690637	-1.44794	4.47E-05	0.346555	-2.88554	2.00E-06	4.99878	4.99878	0.00160134	1.86025	1.86025	62.6045	18.6413	0.264678	1
cg16342115	KLHL14	0.000226786	5.89E-05	0.188039	-5.31804	0.971558	1.00804	1.00804	0.000425553	0.285448	-3.50327	0.151333	1.41262	1.41262	0.0583251	0.618362	-1.61718	0.116087	0.681326	-1.46773	0.00124854	0.346682	-2.88449	0.000979053	3.00881	3.00881	0.133335	1.43881	1.43881	17.7548	14.195	0.710672	1
cg22648949	KLHL14	0.00455584	0.730503	0.9778	-1.0227	0.514799	1.04382	1.04382	0.67166	0.972698	-1.02807	0.65631	1.02951	1.02951	0.0634617	0.873284	-1.1451	0.051947	0.866258	-1.15439	0.0337151	1.1747	1.1747	0.00513962	0.786665	-1.27119	0.000641526	1.4052	1.4052	7.54941	0.504005	0.059343	1
cg14891195	KLHL14	0.00646735	0.0226694	0.281431	-3.55327	0.0476639	0.349085	-2.86463	0.0881396	0.417084	-2.3976	0.601965	0.783062	-1.27704	0.00116171	0.108968	-9.17699	0.0323401	0.312076	-3.20435	0.000700712	0.0905704	-11.0411	0.4895	1.38575	1.38575	0.0900933	0.41976	-2.38231	6.77996	23.1882	3.0401	1
cg01679516	KLHL14	0.00827073	0.00308599	0.370874	-2.69633	0.00596163	0.414561	-2.41219	0.00260019	0.359952	-2.77815	0.509559	0.848866	-1.17804	0.0530589	0.583699	-1.71321	0.507888	0.848301	-1.17883	0.00211625	0.347052	-2.88141	0.0968669	0.639968	-1.56258	0.0734935	0.613407	-1.63024	6.27798	5.9641	0.844447	1
cg06591973	KLHL14	0.0140184	0.00142221	0.231486	-4.31991	0.211665	0.658963	-1.51754	0.0464128	0.485221	-2.06092	0.812394	1.07828	1.07828	0.536454	0.820015	-1.21949	0.363819	0.743916	-1.34424	0.00235623	0.260543	-3.83814	0.200774	1.53471	1.53471	0.506319	0.807552	-1.23831	5.29759	8.43081	1.41461	1
cg17196268	KLHL14	0.0206331	0.00419204	0.193926	-5.1566	0.278122	1.61976	1.61976	0.0872343	0.445977	-2.24227	0.589667	0.792283	-1.26218	0.0345949	0.348657	-2.86815	0.721413	1.16545	1.16545	0.0104957	0.252273	-3.96397	0.255106	1.66213	1.66213	0.0510037	0.386543	-2.58704	4.65494	13.482	2.57446	1
cg21501358	KLHL14	0.0252078	0.0138229	0.301678	-3.3148	0.0248067	0.349122	-2.86433	0.16092	0.554423	-1.80368	0.657673	0.838906	-1.19203	0.00985691	0.276747	-3.61341	0.849129	0.927734	-1.0779	0.00451588	0.225243	-4.43965	0.465017	1.34027	1.34027	0.154209	0.548393	-1.82351	4.3447	10.675	2.18402	1
cg05784157	KLHL14	0.0349085	0.0568675	7.3437	7.3437	0.0292745	10.7605	10.7605	0.142374	4.30161	4.30161	0.136956	4.40234	4.40234	0.300859	2.69603	2.69603	0.123388	4.68344	4.68344	0.00552279	29.1959	29.1959	0.00664937	26.006	26.006	0.029239	10.768	10.768	3.87079	52.472	12.0497	1
cg13476901	KLHL14	0.0469515	0.00937853	0.2143	-4.66635	0.219285	0.546572	-1.82958	0.248845	0.569133	-1.75706	0.816638	1.11473	1.11473	0.232735	0.557025	-1.79525	0.737107	0.85424	-1.17063	0.00359152	0.158201	-6.32108	0.321638	1.61412	1.61412	0.409471	0.674045	-1.48358	3.46976	12.0161	3.0783	1
cg13353999	KLHL14;KLHL14	0.0124311	0.0120503	0.341087	-2.93181	0.595212	0.831756	-1.20228	0.00103097	0.188162	-5.31457	0.332448	1.40985	1.40985	0.411686	0.749487	-1.33425	0.939034	1.02663	1.02663	0.120314	0.560527	-1.78404	0.0359961	2.31167	2.31167	0.550535	1.23059	1.23059	5.50994	10.299	1.66148	1
cg16215037	KLHL15	0.000271465	0.13408	0.774354	-1.2914	0.00447678	0.54885	-1.82199	2.20E-05	0.259664	-3.85113	0.000320404	0.397831	-2.51363	0.000132936	0.350422	-2.8537	0.00464511	0.551058	-1.81469	0.00115285	0.469568	-2.12962	0.0453405	0.695327	-1.43817	0.165588	0.791314	-1.26372	16.9058	6.70759	0.352678	1
cg27561732	KLHL15	0.00096785	0.300811	0.802717	-1.24577	4.47E-05	0.205161	-4.87422	0.00335661	0.441329	-2.26588	0.421417	0.845065	-1.18334	0.85701	0.963706	-1.03766	0.0126179	0.529582	-1.88828	0.00890657	1.97812	1.97812	0.0301355	0.592936	-1.68652	0.0790145	0.670493	-1.49144	11.876	7.90215	0.591456	1
cg18773835	KLHL15	0.00811886	0.260042	0.831198	-1.20308	0.673598	0.935503	-1.06894	0.251729	0.828254	-1.20736	0.392035	0.871099	-1.14798	0.00017882	0.368324	-2.715	0.804746	0.961771	-1.03975	0.0460644	1.43297	1.43297	0.701872	1.0624	1.0624	0.333998	1.16977	1.16977	6.31476	2.47687	0.348653	1
cg19868577	KLHL15	0.0146741	0.00766654	0.363468	-2.75127	0.0137447	0.406732	-2.45862	0.144096	0.629126	-1.58951	0.0979745	0.585041	-1.70928	0.00469454	0.32965	-3.03352	0.140094	0.625756	-1.59807	0.00350112	0.310439	-3.22124	0.0350308	0.48416	-2.06543	0.0219564	0.444116	-2.25166	5.21843	7.20791	1.22777	1
cg17797857	KLHL15	0.0163382	0.0331374	1.82919	1.82919	0.03058	0.540091	-1.85154	0.259358	0.751803	-1.33014	0.753311	0.926411	-1.07943	0.00358201	0.384247	-2.60249	0.119895	1.50542	1.50542	0.0829033	1.59288	1.59288	0.200055	1.38845	1.38845	0.623131	1.12759	1.12759	5.0358	4.68807	0.82751	1
cg05578291	KLHL15	0.0180213	0.000450244	0.0070854	-141.135	0.915909	1.09911	1.09911	0.67574	0.68635	-1.45698	0.119546	4.53235	4.53235	0.582329	0.608375	-1.64372	0.031493	0.104681	-9.55281	0.647989	0.662813	-1.50872	0.870053	0.863742	-1.15775	0.395127	0.458774	-2.17972	4.87319	61.7803	11.269	1
cg07236207	KLHL17	8.82E-06	3.06E-06	0.366257	-2.73032	3.24E-07	0.260425	-3.83987	0.523209	1.0603	1.0603	0.964436	1.00404	1.00404	0.0029699	0.691444	-1.44625	0.000668161	0.624263	-1.60189	0.610629	1.04757	1.04757	0.330011	0.913045	-1.09524	0.00851019	0.737939	-1.35513	41.9171	5.43709	0.115298	1
cg09789536	KLHL17	0.00151772	0.000854318	0.706716	-1.415	0.963953	0.996874	-1.00314	0.114299	0.887793	-1.12639	0.430805	0.945808	-1.0573	0.00549143	0.776498	-1.28783	0.401051	0.942183	-1.06137	4.84E-05	0.588851	-1.69822	0.797794	1.01795	1.01795	0.694078	0.972981	-1.02777	10.4442	0.794132	0.0675873	1
cg01930745	KLHL17	0.00205417	0.00618633	0.511608	-1.95462	0.00105399	0.402716	-2.48314	0.00398617	0.483573	-2.06794	0.415362	1.16915	1.16915	0.000610242	0.371142	-2.69438	0.096701	1.40817	1.40817	0.609782	0.907897	-1.10145	0.766029	1.05762	1.05762	0.415768	1.16898	1.16898	9.56707	5.33894	0.496047	1
cg14831166	KLHL17	0.00804044	0.0728443	0.661237	-1.51232	0.00285518	0.428016	-2.33636	0.0231289	0.570419	-1.7531	0.121765	0.706988	-1.41445	0.0188783	0.555508	-1.80015	0.00725573	0.488709	-2.04621	0.000846234	0.354456	-2.82122	0.643163	0.908064	-1.10124	0.0457707	0.622903	-1.60539	6.33409	4.2867	0.601571	1
cg03148373	KLHL17	0.0109288	0.0640214	0.548163	-1.82428	0.0455662	0.515716	-1.93905	0.121968	0.616209	-1.62282	0.379827	1.29719	1.29719	0.210912	0.683367	-1.46334	0.000397867	0.196296	-5.09434	0.194655	0.672836	-1.48625	0.109578	1.65509	1.65509	0.289248	0.727803	-1.374	5.74452	7.58968	1.1744	1
cg04359978	KLHL17	0.0205209	0.62131	0.933663	-1.07105	0.69604	1.05561	1.05561	0.180136	0.82184	-1.21678	0.780086	0.962151	-1.03934	0.000295851	0.443814	-2.2532	0.270965	0.853862	-1.17115	0.184013	0.823438	-1.21442	0.561285	0.922221	-1.08434	0.532488	1.09106	1.09106	4.66359	1.40346	0.267501	1
cg10644916	KLHL17	0.0267564	0.933981	1.03218	1.03218	0.0675668	0.457049	-2.18795	0.30087	0.663752	-1.50659	0.030461	0.378192	-2.64416	0.000796613	0.144192	-6.9352	0.384316	0.711032	-1.40641	0.0555579	0.43627	-2.29216	0.642552	0.836356	-1.19566	0.0908193	0.490533	-2.0386	4.25516	9.85085	2.05781	1
cg19923810	KLHL17;NOC2L	0.000939142	0.0227059	1.58059	1.58059	0.860507	1.02996	1.02996	0.352669	0.851688	-1.17414	0.00630507	1.81695	1.81695	0.178752	1.27097	1.27097	0.947222	1.01117	1.01117	0.00205274	0.482371	-2.07309	0.00103158	2.2617	2.2617	0.000270604	2.72483	2.72483	11.9777	5.34487	0.396655	1
cg16993975	KLHL17;NOC2L	0.00365662	0.0045363	0.270977	-3.69035	0.028064	0.40824	-2.44954	0.0595191	0.479787	-2.08426	0.656904	0.856952	-1.16693	0.000501054	0.15267	-6.55009	0.0792825	0.510322	-1.95955	0.000878228	0.178631	-5.59813	0.00466085	0.272723	-3.66673	0.330118	0.706785	-1.41486	8.0673	15.2351	1.67866	1
cg09356020	KLHL18	0.000856142	0.288085	0.784121	-1.27531	0.0114863	0.497965	-2.00817	0.0107195	0.493064	-2.02814	0.00569765	0.449553	-2.22443	8.22E-05	0.20916	-4.78103	0.00106678	0.344269	-2.90471	0.000326277	0.277871	-3.5988	0.640749	0.901559	-1.10919	0.0129762	0.506692	-1.97359	12.2949	9.46752	0.684477	1
cg06342957	KLHL18	0.00311995	?	?	?	0.017713	0.620888	-1.6106	0.00254606	0.481795	-2.07557	0.863998	1.02666	1.02666	0.00149081	0.444026	-2.25212	0.0431393	0.686515	-1.45663	0.115223	1.31115	1.31115	0.0810374	0.734706	-1.36109	0.000589588	0.37955	-2.6347	12.5968	3.97419	0.236618	1
cg06580884	KLHL18	0.010523	0.30985	1.77286	1.77286	0.00315634	9.00708	9.00708	0.161755	2.25715	2.25715	0.0152097	5.07558	5.07558	0.322025	1.74616	1.74616	0.574807	1.36183	1.36183	0.0596881	3.18316	3.18316	0.000447156	20.4414	20.4414	0.339518	1.70981	1.70981	5.81485	27.3412	4.17953	1
cg15508262	KLHL18	0.0311435	0.31227	0.647161	-1.54521	0.191306	0.562162	-1.77885	0.222889	0.586718	-1.7044	0.0110721	3.76708	3.76708	0.0474233	0.389008	-2.57064	0.152814	1.89164	1.89164	0.15117	0.527099	-1.89718	0.0359471	2.76165	2.76165	0.743088	0.872035	-1.14674	4.03278	11.0696	2.43991	1
cg21384977	KLHL1;ATXN8OS	0.00237002	0.253008	1.53468	1.53468	0.514455	0.788854	-1.26766	0.00205254	0.210507	-4.75044	0.2952	0.67742	-1.47619	0.486769	1.28854	1.28854	0.0761213	0.492607	-2.03002	7.72E-05	0.076673	-13.0424	0.308039	1.46014	1.46014	0.53792	0.799511	-1.25076	9.17491	18.7032	1.81201	1
cg23240145	KLHL1;ATXN8OS	0.0424882	0.564705	0.702374	-1.42374	0.884268	1.09241	1.09241	0.0277415	0.20621	-4.84943	0.594321	0.721648	-1.38572	0.999814	1.00014	1.00014	0.0962872	0.330139	-3.02903	0.00970967	0.137341	-7.28114	0.0211834	5.37438	5.37438	0.812713	1.15493	1.15493	3.60185	21.0084	5.1846	1
cg04426007	KLHL2	0.0253013	0.238601	1.17523	1.17523	0.00987015	1.53194	1.53194	0.0330541	1.38544	1.38544	0.524765	1.08797	1.08797	0.0603317	1.31931	1.31931	0.823784	1.0296	1.0296	0.0395231	0.732368	-1.36543	0.0559695	0.753364	-1.32738	0.190822	1.19865	1.19865	4.33911	1.17592	0.240893	1
cg10195692	KLHL2	0.0393953	0.419177	0.894179	-1.11834	0.0203142	0.684498	-1.46092	0.299413	0.864394	-1.15688	0.0754437	1.30758	1.30758	0.00598173	0.614553	-1.6272	0.49726	1.09788	1.09788	0.127936	0.800109	-1.24983	0.102622	0.785051	-1.2738	0.885501	0.980665	-1.01972	3.70384	1.07706	0.258486	1
cg11905617	KLHL20	9.59E-08	0.00106286	0.656469	-1.5233	2.14E-07	4.72501	4.72501	8.13E-06	2.48393	2.48393	0.00709293	0.744101	-1.3439	3.77E-05	0.4861	-2.05719	0.230154	0.901787	-1.10891	5.54E-09	0.0720953	-13.8705	0.0146049	1.28846	1.28846	0.490409	0.944371	-1.05891	219.916	22.6524	0.0801151	1
cg14180938	KLHL20	0.000293717	0.643228	0.881919	-1.13389	5.77E-05	0.134068	-7.45889	0.00546798	0.37371	-2.67587	0.0553337	1.79525	1.79525	0.0761021	0.587606	-1.70182	0.184455	1.46115	1.46115	0.000253571	0.197048	-5.07492	0.0971593	0.612364	-1.63301	0.00020863	0.187938	-5.3209	16.5457	19.0169	1.02165	1
cg09125320	KLHL20	0.00467992	0.0229145	0.29115	-3.43465	0.0281317	0.308634	-3.24008	0.638975	0.807164	-1.23891	0.436121	0.697532	-1.43363	0.00156106	0.127321	-7.85414	0.0136401	0.250744	-3.98813	0.000609118	0.091204	-10.9644	0.00556369	0.19182	-5.21321	0.0171884	0.268116	-3.72972	7.48802	24.3773	2.89378	1
cg17859089	KLHL20	0.00502237	0.258395	0.593368	-1.6853	0.415383	0.691801	-1.4455	0.00246142	0.155055	-6.44933	0.45128	0.711987	-1.40452	0.11202	0.464909	-2.15096	0.989141	1.00604	1.00604	0.000105544	0.0482704	-20.7166	0.854073	0.921743	-1.0849	0.4045	0.685559	-1.45866	7.3286	22.7371	2.75779	1
cg23273023	KLHL20	0.0229586	0.0615083	1.2921	1.2921	0.932984	1.01029	1.01029	0.482798	1.09066	1.09066	0.338032	1.12768	1.12768	0.125971	1.22316	1.22316	0.0607023	1.29339	1.29339	0.0560994	0.768565	-1.30113	0.0029951	1.64101	1.64101	0.0174058	1.42229	1.42229	4.48764	1.05205	0.208385	1
cg25613247	KLHL20	0.0368405	0.0539806	1.63639	1.63639	0.488448	1.1717	1.1717	0.608041	0.890061	-1.12352	0.0643194	1.59675	1.59675	0.622411	0.894269	-1.11823	0.693201	0.914598	-1.09338	0.00583113	0.443614	-2.25421	0.0881541	0.654659	-1.52751	0.12523	0.688245	-1.45297	3.79583	3.04722	0.713582	1
cg11405531	KLHL21	0.000830696	0.00303022	0.406911	-2.45754	0.266032	0.782618	-1.27776	?	?	?	0.000992803	0.333516	-2.99835	2.62E-05	0.13997	-7.1444	0.17202	0.734555	-1.36137	0.408128	0.836583	-1.19534	0.439587	0.84691	-1.18076	0.381627	0.827528	-1.20842	15.5124	9.44242	0.532613	1
cg26681193	KLHL21	0.00220787	0.0761225	0.812872	-1.23021	0.00280723	1.54068	1.54068	0.27526	1.12655	1.12655	0.748964	1.03428	1.03428	0.0829131	0.817445	-1.22332	0.000462238	0.56076	-1.78329	0.00425509	1.49419	1.49419	0.636758	0.951289	-1.0512	0.715826	1.03913	1.03913	9.3675	1.63502	0.155149	1
cg00103568	KLHL21	0.00368002	0.0154383	0.595082	-1.68044	0.287435	1.21278	1.21278	0.315447	1.19877	1.19877	0.626299	0.91786	-1.08949	0.000190926	0.333546	-2.99809	0.0734426	1.41709	1.41709	0.0332364	1.54452	1.54452	0.963482	0.992035	-1.00803	0.288715	0.825007	-1.21211	8.05187	3.89026	0.429466	1
cg24328740	KLHL21	0.00464483	0.857054	1.04156	1.04156	0.000216772	0.248199	-4.02902	0.408045	0.826039	-1.2106	0.486252	1.17325	1.17325	0.0399442	0.584939	-1.70958	0.0138307	0.503063	-1.98782	0.0410918	1.7028	1.7028	0.69005	0.91345	-1.09475	0.0513578	0.605925	-1.65037	7.50518	6.06229	0.717999	1
cg10830310	KLHL21	0.00542151	0.286192	0.837794	-1.19361	0.00995019	0.594406	-1.68235	0.000510863	0.420147	-2.38012	0.516496	0.900225	-1.11083	0.0113496	0.602596	-1.65949	0.0413604	0.686623	-1.4564	0.0230761	1.5437	1.5437	0.933456	0.986744	-1.01343	0.214392	0.811501	-1.23228	7.15907	2.8951	0.359463	1
cg15392471	KLHL21	0.0128313	0.186921	1.26182	1.26182	0.640388	0.924766	-1.08135	0.11904	0.754842	-1.32478	0.0897835	1.36465	1.36465	0.0186781	0.62258	-1.60622	0.0160226	1.63246	1.63246	0.00575541	1.82508	1.82508	0.0334538	1.51146	1.51146	0.596053	1.09301	1.09301	5.45334	2.38681	0.389048	1
cg21899939	KLHL21	0.0145252	0.785283	1.05466	1.05466	0.00600138	2.01337	2.01337	0.00299047	0.452198	-2.21142	0.239629	0.786645	-1.27122	0.192331	0.764191	-1.30857	0.248073	0.790309	-1.26533	0.0528664	1.53548	1.53548	0.404822	0.846949	-1.18071	0.710145	1.07547	1.07547	5.23602	3.14972	0.534711	1
cg22719269	KLHL21	0.0145957	0.0583152	0.800741	-1.24884	0.028283	1.30861	1.30861	0.256433	0.884234	-1.13092	0.0406368	0.7823	-1.27828	0.448075	0.922837	-1.08362	0.0130749	0.726346	-1.37675	0.00546627	0.684195	-1.46157	0.143562	1.17732	1.17732	0.255027	0.883884	-1.13137	5.22766	0.893162	0.151869	1
cg03392612	KLHL21	0.0151209	0.198835	0.644078	-1.55261	0.00310794	0.269651	-3.70849	0.0999788	0.557645	-1.79325	0.00676259	0.320621	-3.11895	0.00460459	0.294677	-3.39354	0.0106182	0.353071	-2.83229	0.902399	1.04055	1.04055	0.166547	0.620066	-1.61273	0.153865	0.609765	-1.63997	5.16696	8.59139	1.47801	1
cg10055231	KLHL21	0.0370941	0.091109	1.73164	1.73164	0.132988	1.61325	1.61325	0.142098	0.627721	-1.59306	0.427251	0.78729	-1.27018	0.179356	1.5232	1.5232	0.0198488	2.29265	2.29265	0.0119854	2.52139	2.52139	0.0920089	1.72849	1.72849	0.305124	0.731019	-1.36795	3.78635	5.22023	1.22551	1
cg06064990	KLHL21	0.0391505	0.0623417	0.760162	-1.31551	0.00603985	0.625766	-1.59804	0.0563665	0.753964	-1.32632	0.840653	1.02666	1.02666	0.494506	1.09491	1.09491	0.25238	1.16915	1.16915	0.0724298	1.29954	1.29954	0.217278	0.843944	-1.18491	0.909052	1.01505	1.01505	3.71233	1.00448	0.240514	1
cg05389555	KLHL21	0.0485689	0.134683	0.675883	-1.47955	0.00714325	2.32523	2.32523	0.136563	0.677348	-1.47635	0.694686	1.10055	1.10055	0.0222429	0.513966	-1.94565	0.946973	0.983974	-1.01629	0.679865	1.10604	1.10604	0.329457	1.27692	1.27692	0.933149	0.979828	-1.02059	3.42567	3.20084	0.830552	1
cg11734009	KLHL22	0.000184416	0.935858	1.01093	1.01093	0.0033961	1.71198	1.71198	0.00799134	0.631942	-1.58242	0.00504969	0.606178	-1.64968	0.19244	1.20472	1.20472	0.0281933	0.704773	-1.4189	1.05E-05	3.56873	3.56873	0.0190346	1.46702	1.46702	0.546298	1.08592	1.08592	18.7794	5.42098	0.256592	1
cg22807537	KLHL22	0.000398418	0.00507397	0.419819	-2.38198	0.166072	1.41342	1.41342	0.67913	1.10236	1.10236	0.725927	0.920853	-1.08595	0.000144366	0.215709	-4.63588	0.01352	0.488622	-2.04657	0.00390341	2.4849	2.4849	0.375788	0.808192	-1.23733	0.000124012	0.208509	-4.79595	15.2168	13.2284	0.772735	1
cg13813874	KLHL22	0.00177037	0.80944	0.960175	-1.04148	0.00859024	1.7574	1.7574	0.0134482	1.67328	1.67328	0.872574	0.97336	-1.02737	0.63036	1.08498	1.08498	0.465396	0.882523	-1.13312	6.30E-05	0.289611	-3.4529	0.689283	1.06995	1.06995	0.699021	1.06754	1.06754	9.98975	4.47701	0.398365	1
cg16469441	KLHL22	0.00598398	0.441398	1.1568	1.1568	0.780476	0.949482	-1.05321	0.431923	0.861726	-1.16046	0.547765	1.11948	1.11948	0.0254636	1.63669	1.63669	0.00558874	0.509072	-1.96436	0.000344863	0.34347	-2.91146	0.91247	1.02061	1.02061	0.637997	0.915825	-1.09191	6.94489	3.78647	0.484637	1
cg19711553	KLHL22	0.0281242	0.01837	0.563848	-1.77353	0.0885916	1.45674	1.45674	0.704503	0.926536	-1.07929	0.336996	1.21925	1.21925	0.995264	0.998812	-1.00119	0.808921	0.952643	-1.04971	0.00848007	0.51021	-1.95998	0.239162	1.27999	1.27999	0.0341568	1.64052	1.64052	4.18126	2.65569	0.564571	1
cg00411011	KLHL22	0.0482897	0.33103	1.12313	1.12313	0.0147622	1.41536	1.41536	0.879976	1.01765	1.01765	0.0167646	0.713205	-1.40212	0.42516	1.09888	1.09888	0.894691	1.01545	1.01545	0.0573325	1.28265	1.28265	0.210108	1.16522	1.16522	0.229033	0.864031	-1.15737	3.43315	0.728851	0.18871	1
cg23408836	KLHL23	0.00541049	0.975568	1.00572	1.00572	0.458307	1.15099	1.15099	0.720571	0.935307	-1.06917	0.621224	1.09718	1.09718	0.0352921	1.57851	1.57851	0.189014	1.29577	1.29577	0.000236088	0.32154	-3.11003	0.97974	1.00474	1.00474	0.0162776	1.72818	1.72818	7.16354	3.93362	0.488104	1
cg01921918	KLHL23	0.00739732	0.838256	0.959723	-1.04197	0.00541022	2.0883	2.0883	0.153502	1.35987	1.35987	0.0327672	1.65266	1.65266	0.0961741	0.692488	-1.44407	0.18932	1.32269	1.32269	0.113854	0.707519	-1.41339	0.000835451	2.74896	2.74896	0.277205	1.25521	1.25521	6.50201	4.16603	0.569538	1
cg21223117	KLHL23	0.0108431	0.00469867	0.362175	-2.7611	0.771059	1.08207	1.08207	0.975934	0.991879	-1.00819	0.221375	0.706469	-1.41549	0.00107505	0.270999	-3.69005	0.00330995	0.339117	-2.94884	0.628956	0.876677	-1.14067	0.595136	0.865037	-1.15602	0.995507	1.00152	1.00152	5.7591	6.66502	1.02871	1
cg07116163	KLHL23	0.0145809	0.488614	0.732257	-1.36564	0.00102985	8.62083	8.62083	0.0554994	2.61511	2.61511	0.791797	1.12433	1.12433	0.285695	0.611927	-1.63418	0.669835	1.20923	1.20923	0.0404124	0.350438	-2.85357	0.114281	2.14018	2.14018	0.208385	0.55573	-1.79943	5.22941	16.2497	2.76211	1
cg10769618	KLHL23	0.041954	0.00997582	0.118612	-8.43083	0.331069	0.518355	-1.92918	0.0619147	0.252224	-3.96473	0.150481	0.364296	-2.74502	0.0183034	0.153174	-6.52853	0.098821	0.305495	-3.27337	0.00670828	0.0998854	-10.0115	0.727495	0.79516	-1.25761	0.0684804	0.262807	-3.80507	3.6188	24.605	6.04374	1
cg10953983	KLHL23;C2orf77;PHOSPHO2;KLHL23;PHOSPHO2	0.000562829	0.223789	0.878359	-1.13849	0.0366687	1.27937	1.27937	0.133737	1.17837	1.17837	0.172546	1.15873	1.15873	0.199941	0.871613	-1.1473	1.54E-05	0.403411	-2.47886	0.0227672	0.758356	-1.31864	0.070356	1.22785	1.22785	0.0777271	0.819586	-1.22013	13.8281	2.25542	0.144981	1
cg22757384	KLHL24	0.0169494	0.0440357	0.651281	-1.53544	0.898543	1.02392	1.02392	0.0480718	1.52002	1.52002	0.0353936	0.635095	-1.57457	0.0746411	0.692111	-1.44486	0.0198978	0.594013	-1.68347	0.00337505	0.477674	-2.09348	0.695276	0.929645	-1.07568	0.0900537	0.70735	-1.41373	4.97444	2.70567	0.48348	1
cg00892804	KLHL24	0.0274159	0.354283	0.871553	-1.14738	0.0116406	1.57602	1.57602	0.0106355	1.5894	1.5894	0.545648	0.915555	-1.09223	0.0312717	1.43983	1.43983	0.323578	1.15844	1.15844	0.0713758	0.747891	-1.33709	0.971226	1.00522	1.00522	0.133072	1.26336	1.26336	4.21896	1.39053	0.29297	1
cg02021337	KLHL24	0.0278632	0.8547	1.06838	1.06838	0.00588217	0.272398	-3.6711	0.0708553	0.482763	-2.07141	0.0696261	0.480867	-2.07958	0.0211029	0.36762	-2.7202	0.0934267	0.513878	-1.94599	0.00961804	0.306477	-3.26289	0.732421	0.883529	-1.13182	0.0208051	0.366432	-2.72902	4.19501	8.64956	1.83277	1
cg10143433	KLHL24;KLHL24	0.00467988	0.134451	1.23398	1.23398	0.00158257	0.553841	-1.80557	0.000992584	0.52872	-1.89136	0.810805	1.03174	1.03174	0.310785	1.14639	1.14639	0.112842	0.798651	-1.25211	0.0403321	1.36145	1.36145	0.742741	0.958	-1.04384	0.0828021	0.778608	-1.28434	7.48804	2.01265	0.238917	1
cg19282889	KLHL25	0.0113059	0.170765	0.79637	-1.2557	0.00462176	0.555289	-1.80086	0.0281622	0.667202	-1.4988	0.615912	1.08216	1.08216	0.953655	0.990968	-1.00911	0.00234288	0.515314	-1.94056	0.432049	1.13334	1.13334	0.0305929	0.67261	-1.48675	0.141584	1.27984	1.27984	5.68203	2.19288	0.343052	1
cg21072934	KLHL25	0.0156453	0.15483	0.861467	-1.16081	0.0350874	1.27181	1.27181	0.00306933	1.48736	1.48736	0.106301	0.841367	-1.18854	0.824201	1.02203	1.02203	0.176956	1.15091	1.15091	0.0349034	0.786029	-1.27222	0.944791	0.993241	-1.00681	0.0771075	1.21227	1.21227	5.10891	0.776043	0.135022	1
cg15529542	KLHL25	0.0171586	0.105082	0.538153	-1.85821	?	?	?	0.117373	0.551535	-1.81312	0.803683	0.916549	-1.09105	0.0137921	0.344733	-2.90079	0.151021	0.583693	-1.71323	0.00895323	0.3125	-3.2	0.00133934	0.19576	-5.1083	0.162824	0.59379	-1.6841	5.04627	8.69571	1.7232	1
cg00256166	KLHL25	0.0217725	0.511004	0.946258	-1.05679	0.724343	0.971087	-1.02977	0.783542	0.977441	-1.02308	0.000804329	0.657652	-1.52056	0.978076	1.00228	1.00228	0.97716	1.00238	1.00238	0.920546	1.0083	1.0083	0.216132	1.11389	1.11389	0.0249418	1.24745	1.24745	4.5702	0.496955	0.0966561	1
cg08031587	KLHL25	0.0244437	0.171684	0.812158	-1.23129	0.910173	1.01627	1.01627	0.790879	1.03873	1.03873	0.0207458	1.48901	1.48901	0.00216283	0.540324	-1.85074	0.490507	1.10533	1.10533	0.0792476	0.756842	-1.32128	0.310397	1.16193	1.16193	0.882416	0.97906	-1.02139	4.39143	1.42202	0.287837	1
cg01727585	KLHL25	0.0389621	0.206252	0.671076	-1.49015	0.524447	1.21286	1.21286	0.125309	0.608739	-1.64274	0.596854	0.852397	-1.17316	0.0105153	0.381672	-2.62005	0.308689	0.729631	-1.37056	0.48296	1.23778	1.23778	0.0130873	2.51133	2.51133	0.108511	0.592279	-1.68839	3.71891	5.27215	1.26014	1
cg20583797	KLHL25;KLHL25	0.0318846	0.5792	0.918082	-1.08923	0.265487	1.19369	1.19369	0.102091	1.3139	1.3139	0.406578	0.878498	-1.13831	0.199117	1.23	1.23	0.543481	1.09837	1.09837	0.00232584	0.522666	-1.91327	0.153808	1.26235	1.26235	0.139556	1.27454	1.27454	3.99904	1.47445	0.327733	1
cg17893669	KLHL26	4.92E-05	0.216047	0.893697	-1.11895	0.054712	0.828521	-1.20697	1.22E-06	0.33931	-2.94716	0.00152395	0.674365	-1.48288	0.141683	0.872488	-1.14615	0.507506	1.05976	1.05976	7.26E-05	0.536117	-1.86526	0.13044	0.868491	-1.15142	0.000304147	0.60252	-1.6597	26.7386	3.15573	0.104908	1
cg05295841	KLHL26	0.000197188	0.0115489	0.535402	-1.86776	0.00176426	0.414312	-2.41364	5.90E-05	0.229763	-4.35231	0.108762	0.707521	-1.41339	2.75E-05	0.195005	-5.12807	0.276944	0.799585	-1.25065	0.000347782	0.320522	-3.11991	0.108889	1.41318	1.41318	0.0673763	0.6667	-1.49993	18.4418	11.427	0.550777	1
cg03532815	KLHL26	0.000202075	0.00261358	0.402409	-2.48503	0.978406	1.00593	1.00593	7.92E-05	0.210576	-4.74889	0.00418224	0.432574	-2.31174	0.00432058	0.434703	-2.30042	0.447311	0.844392	-1.18428	1.22E-05	0.133132	-7.51134	0.62547	1.11341	1.11341	0.0063233	0.46002	-2.17382	18.3198	13.8372	0.671392	1
cg10019819	KLHL26	0.00030104	3.57E-06	7.51077	7.51077	0.30687	1.21664	1.21664	0.235769	0.79428	-1.259	0.0790976	1.43533	1.43533	0.254325	1.24688	1.24688	0.4394	1.15741	1.15741	0.0665164	0.682886	-1.46437	0.357577	0.839136	-1.1917	0.713722	0.933978	-1.07069	16.4346	8.9439	0.483745	1
cg19587280	KLHL26	0.00290888	0.170154	0.76038	-1.31513	0.0092205	1.85848	1.85848	0.00122166	2.4283	2.4283	0.333569	1.20564	1.20564	0.00379796	0.480918	-2.07936	0.0112388	0.551263	-1.81402	0.295215	1.22574	1.22574	0.0952055	1.41023	1.41023	0.60991	1.10129	1.10129	8.63683	4.80921	0.494956	1
cg23946858	KLHL26	0.00472359	0.827359	0.921471	-1.08522	0.391337	1.38938	1.38938	0.26249	1.54878	1.54878	0.989351	0.995015	-1.00501	0.557081	0.800621	-1.24903	0.655187	1.1833	1.1833	6.79E-05	0.0652264	-15.3312	0.216828	1.62676	1.62676	0.405356	0.727036	-1.37545	7.46689	16.5809	1.97386	1
cg16705777	KLHL26	0.00537519	0.0633751	0.592513	-1.68773	0.000517998	0.257294	-3.8866	0.0477969	0.567043	-1.76354	0.270927	1.33288	1.33288	0.00149823	0.317478	-3.14983	0.15931	0.68588	-1.45798	0.0150611	0.472856	-2.11481	0.0312047	0.530573	-1.88475	0.305332	0.766369	-1.30485	7.17793	7.14439	0.884735	1
cg04423464	KLHL26	0.00930692	0.805801	0.978649	-1.02182	0.0135864	1.30678	1.30678	0.124381	0.864344	-1.15695	0.159333	1.14086	1.14086	0.885548	1.0127	1.0127	0.881868	0.987055	-1.01311	0.00172827	1.47945	1.47945	0.146694	1.14624	1.14624	0.009568	0.750147	-1.33307	6.0476	0.735341	0.108082	1
cg25968255	KLHL26	0.0227355	0.956974	1.01236	1.01236	0.000434802	0.281909	-3.54724	0.536749	0.86727	-1.15304	0.293033	0.780102	-1.28188	0.451745	0.839843	-1.1907	0.0499403	0.601099	-1.66362	0.89988	1.02907	1.02907	0.640401	1.11305	1.11305	0.104572	0.667721	-1.49763	4.50276	3.69601	0.729629	1
cg23664533	KLHL26	0.0307093	0.582701	0.858804	-1.16441	0.19143	0.68428	-1.46139	0.00268463	0.320417	-3.12094	0.0922532	0.601499	-1.66251	0.0108086	0.415531	-2.40656	0.381342	1.27928	1.27928	0.57209	0.85504	-1.16954	0.309421	0.749357	-1.33448	0.0239099	0.477484	-2.09431	4.05301	4.83004	1.0593	1
cg24215531	KLHL26	0.0454168	0.0685318	0.635642	-1.57321	0.031569	1.75851	1.75851	0.106525	0.677008	-1.47709	?	?	?	0.403388	1.20604	1.20604	0.190214	1.35741	1.35741	0.0183453	0.524933	-1.905	0.872852	0.965633	-1.03559	0.644592	1.10685	1.10685	3.87557	2.54592	0.5748	1
cg15873908	KLHL28	0.000107322	0.0692984	0.52633	-1.89995	0.00101371	0.214402	-4.66413	0.00699946	0.332366	-3.00873	0.879305	1.04916	1.04916	3.12E-06	0.0303017	-33.0014	0.346747	0.736373	-1.35801	8.37E-05	0.106932	-9.35178	0.979609	1.0081	1.0081	0.00973896	0.356075	-2.8084	21.7258	34.3238	1.40433	1
cg05861639	KLHL28	0.0309782	0.0053204	0.162413	-6.15713	0.102628	0.413143	-2.42047	0.250871	1.81089	1.81089	0.298847	0.586862	-1.70398	0.107899	0.419675	-2.3828	0.788957	0.875655	-1.142	0.0182412	0.242115	-4.13027	0.0112089	0.207445	-4.82056	0.144269	0.460099	-2.17345	4.04044	15.6764	3.44877	1
cg03544502	KLHL28	0.0389438	0.328532	0.833655	-1.19954	0.499234	0.883607	-1.13172	0.262543	0.80998	-1.2346	0.250626	0.805281	-1.2418	0.0341855	0.640283	-1.56181	0.0478141	0.66483	-1.50414	0.00482175	1.96327	1.96327	0.445868	0.869196	-1.15049	0.432778	0.865524	-1.15537	3.71955	1.91727	0.458184	1
cg01340952	KLHL28;FAM179B	0.0061361	0.186937	0.751852	-1.33005	0.0365293	0.609282	-1.64128	0.0102755	1.93378	1.93378	0.310346	0.807322	-1.23866	0.310856	1.23836	1.23836	0.220274	0.768912	-1.30054	0.242398	1.28332	1.28332	0.593442	0.895952	-1.11613	0.000510419	3.0241	3.0241	6.89125	4.53724	0.58525	1
cg23695485	KLHL28;FAM179B	0.00696448	0.000542979	0.0771169	-12.9673	0.636119	0.796794	-1.25503	0.106495	0.431676	-2.31655	0.279484	0.585149	-1.70897	0.106341	0.431486	-2.31757	0.380254	1.5357	1.5357	0.0319195	3.31441	3.31441	0.137371	2.14393	2.14393	0.055202	2.8179	2.8179	6.62652	23.8382	3.19812	1
cg02082203	KLHL28;FAM179B	0.0352963	0.7822	1.0786	1.0786	0.0438587	0.531282	-1.88224	0.983082	0.994228	-1.00581	0.845526	0.948136	-1.0547	0.0101222	0.412391	-2.42488	0.017084	0.452134	-2.21173	0.405982	1.26127	1.26127	0.398832	1.26597	1.26597	0.0586355	1.79181	1.79181	3.85535	4.55185	1.04947	1
cg03880733	KLHL29	7.21E-05	0.0021012	0.59912	-1.66912	0.336718	0.889327	-1.12445	1.41E-06	0.233513	-4.28241	0.0931215	1.24451	1.24451	0.00690785	0.66098	-1.5129	0.0386792	0.753106	-1.32783	0.00917236	1.47965	1.47965	0.0357642	0.748772	-1.33552	0.0921477	0.802899	-1.24549	24.16	5.36553	0.197408	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07520608	KLHL29	0.000186106	0.000146019	0.425784	-2.34861	0.125404	0.805201	-1.24193	0.00117517	0.536879	-1.86262	0.00509699	0.616598	-1.6218	0.000672669	0.506904	-1.97276	0.00142966	0.54745	-1.82665	0.0127808	0.667613	-1.49787	1.71E-05	0.315859	-3.16597	0.000340233	0.470514	-2.12534	18.7331	5.06297	0.240239	1
cg26202529	KLHL29	0.000213311	0.260662	0.733766	-1.36283	0.000113081	0.167087	-5.98491	0.00439028	0.366521	-2.72835	0.876651	0.959843	-1.04184	1.29E-05	0.0891055	-11.2227	0.509935	0.838307	-1.19288	0.0279602	1.98418	1.98418	0.492707	1.20182	1.20182	0.0122943	0.439223	-2.27675	18.0528	19.9071	0.980192	1
cg20887390	KLHL29	0.000296348	0.0102383	0.442117	-2.26185	0.13391	0.665236	-1.50322	0.91743	1.02649	1.02649	0.398863	0.804291	-1.24333	3.96E-06	0.0668936	-14.9491	0.685684	0.90249	-1.10805	0.319188	1.29639	1.29639	0.00266746	0.350854	-2.85019	0.0379334	0.545066	-1.83464	16.5054	16.6212	0.895128	1
cg06676049	KLHL29	0.000670985	0.028325	0.480794	-2.07989	0.00470394	0.34554	-2.89402	0.0549423	0.540251	-1.85099	0.0112986	0.407575	-2.45354	0.0034161	0.324513	-3.08154	0.000946495	0.247975	-4.03266	4.53E-05	0.112745	-8.86956	0.000372244	0.199735	-5.00663	0.0216201	0.458282	-2.18206	13.1661	16.6875	1.12663	1
cg09612655	KLHL29	0.000733159	0.0037657	0.650003	-1.53845	0.000445325	0.543072	-1.84138	0.00195004	0.617152	-1.62035	0.0289742	0.753043	-1.32795	0.000385683	0.535823	-1.86629	0.00179026	0.61288	-1.63164	0.0193493	1.36559	1.36559	0.703759	0.958785	-1.04299	0.21962	0.86744	-1.15282	12.8432	2.46881	0.170869	1
cg01871526	KLHL29	0.000740022	0.541184	0.912278	-1.09616	0.171721	0.805775	-1.24104	0.731969	0.95025	-1.05235	0.73159	1.05243	1.05243	1.66E-05	0.268802	-3.72021	0.165303	1.24565	1.24565	0.00849213	1.64646	1.64646	0.889258	1.02089	1.02089	0.0259067	0.675353	-1.48071	12.8096	4.46945	0.310145	1
cg11985887	KLHL29	0.00136894	0.000508047	0.266257	-3.75577	0.543422	0.860835	-1.16166	0.190348	0.713272	-1.40199	0.284697	0.762803	-1.31095	4.75E-05	0.154519	-6.47169	0.0910892	1.57372	1.57372	0.172137	0.701809	-1.42489	0.505904	0.848358	-1.17875	0.418464	0.817559	-1.22315	10.7586	10.1146	0.835685	1
cg16058765	KLHL29	0.00195651	0.419866	1.10457	1.10457	0.0754768	0.787576	-1.26972	0.685163	0.952004	-1.05042	0.00740777	0.659481	-1.51634	0.00553868	0.64413	-1.55248	0.214804	1.17067	1.17067	0.000300443	0.491882	-2.03301	0.0304015	1.35941	1.35941	0.00673772	0.654468	-1.52796	9.70383	2.23797	0.205003	1
cg17209692	KLHL29	0.00223261	0.0208448	0.746615	-1.33938	0.141196	0.849392	-1.17731	0.0125431	0.720336	-1.38824	0.716872	0.96351	-1.03787	0.539583	1.06553	1.06553	0.00688174	1.45088	1.45088	0.000254848	1.95152	1.95152	0.489724	1.07438	1.07438	0.034527	1.29388	1.29388	11.0965	1.79002	0.125466	1
cg00886182	KLHL29	0.00243116	0.0919732	0.650947	-1.53622	0.0592145	1.63716	1.63716	0.00152611	0.347833	-2.87494	0.0443711	0.585997	-1.70649	0.00187041	0.360232	-2.77599	0.017437	0.511791	-1.95392	0.00805441	0.455855	-2.19368	0.00117536	0.332233	-3.00994	0.947237	1.01543	1.01543	9.10653	7.7253	0.754067	1
cg08569786	KLHL29	0.00367943	0.00167677	0.0997726	-10.0228	0.695748	0.817396	-1.2234	0.061209	0.338846	-2.95119	0.247236	1.86023	1.86023	0.0059795	0.158265	-6.3185	0.0760219	0.363152	-2.75367	0.000839408	0.0759705	-13.163	0.497403	1.42397	1.42397	0.00557664	0.154484	-6.47318	8.05226	33.5672	3.70548	1
cg00747342	KLHL29	0.00436431	0.00389828	0.631637	-1.58319	0.335477	0.889208	-1.1246	0.0330498	0.744777	-1.34268	0.0139697	1.43178	1.43178	0.113783	0.815936	-1.22559	0.707468	0.95641	-1.04558	0.0011612	1.7577	1.7577	0.277342	0.874967	-1.1429	0.813296	0.972416	-1.02837	7.64838	1.69317	0.196779	1
cg11227278	KLHL29	0.00645765	0.0320948	0.657438	-1.52106	0.525807	1.11337	1.11337	0.0010275	0.443655	-2.254	0.0400193	0.672694	-1.48656	0.0800134	0.722907	-1.3833	0.682846	1.07103	1.07103	0.0114286	1.69682	1.69682	0.0988894	1.35291	1.35291	0.408406	0.868271	-1.15171	6.78311	2.99784	0.39285	1
cg16149238	KLHL29	0.0080859	0.118675	1.18587	1.18587	0.0174087	0.747209	-1.33831	0.00100223	0.611633	-1.63497	0.0353626	1.10558	1.10558	0.0444237	0.792669	-1.26156	0.0466734	1.25767	1.25767	0.283715	0.893957	-1.11862	0.486737	1.07372	1.07372	0.136292	0.850816	-1.17534	6.32286	1.01446	0.142616	1
cg01821088	KLHL29	0.00958142	0.00131427	0.238722	-4.18898	0.0599945	0.522023	-1.91562	0.205204	0.663994	-1.50604	0.947789	0.980137	-1.02027	0.0554724	0.514293	-1.94442	0.00103297	0.225558	-4.43346	0.399476	1.30245	1.30245	0.937562	0.976284	-1.02429	0.124516	0.600793	-1.66447	5.99187	8.90646	1.32127	1
cg05930000	KLHL29	0.0108995	0.0224953	0.424622	-2.35503	0.0592015	0.512959	-1.94947	0.0115742	0.371803	-2.6896	0.173347	0.635072	-1.57463	0.00068099	0.196548	-5.08782	0.0142371	0.387681	-2.57944	0.680021	1.13879	1.13879	0.480245	0.798611	-1.25217	0.0333243	0.458647	-2.18033	5.74949	8.9431	1.38263	1
cg09726726	KLHL29	0.0111145	0.0140849	0.306589	-3.26169	0.809387	1.09886	1.09886	0.00350261	0.213281	-4.68864	0.0604759	0.437873	-2.28377	0.00271863	0.19887	-5.02841	0.0186304	0.328672	-3.04255	0.0107303	0.286279	-3.4931	0.497238	0.764244	-1.30848	0.0542167	0.426428	-2.34506	5.71342	13.7711	2.1425	1
cg11517928	KLHL29	0.0129586	0.849138	0.967881	-1.03319	0.222217	1.24599	1.24599	0.00463022	0.524224	-1.90758	0.568316	1.10391	1.10391	0.00310868	0.499864	-2.00054	0.629695	1.08686	1.08686	0.0732881	1.40832	1.40832	0.0457619	0.6753	-1.48082	0.143586	0.763824	-1.3092	5.43581	2.53025	0.413758	1
cg26642965	KLHL29	0.0141566	0.0474216	0.654382	-1.52816	0.130756	0.737036	-1.35679	0.213803	0.782895	-1.27731	0.771055	1.05607	1.05607	0.00025354	0.323859	-3.08776	0.327657	0.827843	-1.20796	0.0775885	0.692955	-1.44309	0.890487	0.97457	-1.02609	0.095456	0.710002	-1.40845	5.28054	2.92396	0.492199	1
cg03423813	KLHL29	0.014187	0.147011	0.794596	-1.2585	0.439421	1.12356	1.12356	0.00551028	0.58332	-1.71432	0.0797188	1.33283	1.33283	0.0417093	0.706923	-1.41458	0.215322	1.21249	1.21249	0.0995982	1.30558	1.30558	0.687158	1.06164	1.06164	0.0101055	0.619122	-1.61519	5.27681	1.82408	0.30727	1
cg23009508	KLHL29	0.0144298	0.471832	0.824906	-1.21226	0.264109	1.35818	1.35818	0.307177	1.32052	1.32052	0.404926	1.25122	1.25122	0.0011522	0.284721	-3.51221	0.0235897	2.03601	2.03601	0.514094	0.840278	-1.19008	0.481754	1.2069	1.2069	0.0442118	0.544478	-1.83662	5.2474	5.7487	0.973807	1
cg20895691	KLHL29	0.0146324	0.126714	0.588221	-1.70004	0.00124843	0.219894	-4.54764	0.0541243	0.495512	-2.01812	0.142079	0.602289	-1.66033	0.00385567	0.28628	-3.49308	0.0569862	0.500633	-1.99747	0.00811259	0.336604	-2.97085	0.130357	0.591663	-1.69015	0.223227	0.662917	-1.50848	5.22334	8.53652	1.45271	1
cg00708035	KLHL29	0.0147247	0.0210886	0.435744	-2.29493	0.220569	0.679981	-1.47063	0.00371407	0.309171	-3.23445	0.12603	0.609118	-1.64172	0.00182118	0.265261	-3.76987	0.0174293	0.420282	-2.37935	0.014895	0.407861	-2.45181	0.141715	0.623025	-1.60507	0.192132	0.661358	-1.51204	5.21251	7.40373	1.26256	1
cg09674093	KLHL29	0.0167986	0.17557	0.69367	-1.44161	0.277508	0.750674	-1.33214	0.00328564	0.361606	-2.76544	0.236135	0.729609	-1.3706	0.00406486	0.375519	-2.66298	0.160271	0.683217	-1.46366	0.850524	1.04907	1.04907	0.49292	1.19343	1.19343	0.00525271	0.392683	-2.54658	4.98932	5.09557	0.907818	1
cg00854172	KLHL29	0.0169879	0.0466681	0.471416	-2.12127	0.0211553	0.400473	-2.49705	0.150028	0.600831	-1.66436	0.745779	1.11338	1.11338	0.000518448	0.167374	-5.97464	0.657029	1.15897	1.15897	0.165977	0.614038	-1.62856	0.996403	0.998513	-1.00149	0.219545	0.652968	-1.53147	4.97067	8.58022	1.53437	1
cg11871813	KLHL29	0.0190182	0.528672	0.91222	-1.09623	0.00296566	1.79856	1.79856	0.72992	0.951341	-1.05115	0.412609	0.886415	-1.12814	0.764365	1.04422	1.04422	0.0243678	1.47134	1.47134	0.00663443	1.66054	1.66054	0.550902	0.916813	-1.09073	0.283172	0.851718	-1.1741	4.78551	1.5702	0.291658	1
cg10663628	KLHL29	0.0190787	0.00464066	0.46606	-2.14565	0.545986	1.13188	1.13188	0.137335	0.722939	-1.38324	0.84851	1.03953	1.03953	0.00954267	0.513996	-1.94554	0.948126	1.01328	1.01328	0.0275963	1.69575	1.69575	0.216888	0.768421	-1.30137	0.0745061	0.668426	-1.49605	4.78037	3.11188	0.57864	1
cg09592333	KLHL29	0.0214885	0.0932983	0.715564	-1.3975	0.034365	0.639251	-1.56433	0.0290847	0.627305	-1.59412	0.638071	0.917686	-1.0897	0.140063	0.749894	-1.33352	0.193266	1.28351	1.28351	0.00401859	2.01518	2.01518	0.870255	0.970799	-1.03008	0.591314	0.906407	-1.10326	4.5908	2.38982	0.462726	1
cg15123692	KLHL29	0.0238878	0.411973	0.533015	-1.87612	0.962439	1.03595	1.03595	0.0367165	6.17402	6.17402	0.721648	0.764665	-1.30776	0.0828288	0.236762	-4.22365	0.163148	3.05412	3.05412	0.0027547	0.0451255	-22.1604	0.0596119	0.203003	-4.92604	0.174789	0.338726	-2.95224	4.42657	39.4428	7.9204	1
cg03960488	KLHL29	0.0260232	0.0778531	0.639708	-1.56321	0.00913413	0.470023	-2.12756	0.0174829	0.517123	-1.93377	0.722248	0.921851	-1.08477	0.0576506	0.61299	-1.63135	0.334044	1.25502	1.25502	0.0673352	1.59582	1.59582	0.155059	0.706857	-1.41471	0.066097	0.624989	-1.60003	4.29673	3.53718	0.731755	1
cg22664789	KLHL29	0.0281891	0.797241	1.04147	1.04147	0.130115	0.772571	-1.29438	0.299907	1.18476	1.18476	0.232255	1.21861	1.21861	0.0572636	1.40417	1.40417	0.0675583	1.38156	1.38156	0.00101725	2.15771	2.15771	0.478024	1.12058	1.12058	0.653058	1.07402	1.07402	4.17786	1.64808	0.350649	1
cg21084943	KLHL29	0.0286744	0.215765	0.658295	-1.51908	0.648292	0.862966	-1.15879	0.513118	0.808277	-1.2372	0.371	1.34286	1.34286	0.000903722	0.203205	-4.92113	0.801387	0.922294	-1.08425	0.217196	0.65924	-1.5169	0.177981	1.58305	1.58305	0.0709284	0.523348	-1.91077	4.15277	6.77377	1.44991	1
cg04005059	KLHL29	0.0322712	0.0545519	0.544735	-1.83576	0.376747	0.776752	-1.28741	0.0251149	0.476162	-2.10013	0.0649051	0.561374	-1.78134	0.295185	0.739065	-1.35306	0.0455091	1.89421	1.89421	0.0438079	1.90673	1.90673	0.966556	1.01175	1.01175	0.085062	0.588406	-1.69951	3.98183	4.89228	1.09214	1
cg16704797	KLHL29	0.0322738	0.966522	0.98514	-1.01508	0.00432721	3.89785	3.89785	0.0402681	0.429459	-2.32851	0.401475	0.736153	-1.35841	0.876097	0.945862	-1.05724	0.729277	0.88344	-1.13194	0.0213104	2.68352	2.68352	0.456254	1.31084	1.31084	0.26611	0.661435	-1.51187	3.98171	8.02418	1.79134	1
cg24484539	KLHL29	0.0325653	0.104178	0.497927	-2.00833	0.0587687	0.432615	-2.31152	0.0236154	0.346166	-2.88879	0.029757	0.366408	-2.7292	0.722165	1.15043	1.15043	0.668716	0.844537	-1.18408	0.0030924	0.204109	-4.89933	0.0273454	0.358888	-2.78639	0.344978	0.682635	-1.46491	3.9689	9.68462	2.169	1
cg10999479	KLHL29	0.0344201	0.323787	0.8827	-1.13289	0.803413	0.969924	-1.03101	0.450942	0.910245	-1.09861	0.0959635	0.799435	-1.25088	0.421097	0.90427	-1.10586	0.0389539	0.746295	-1.33995	0.00314153	1.63937	1.63937	0.405416	1.10984	1.10984	0.28682	1.14501	1.14501	3.89056	0.923671	0.211034	1
cg18988938	KLHL29	0.040926	0.0626773	0.596137	-1.67747	0.649127	1.11976	1.11976	0.308673	0.7709	-1.29718	0.988024	0.9963	-1.00371	0.00104948	0.30198	-3.31147	0.690536	0.9059	-1.10387	0.440316	1.21451	1.21451	0.96978	1.0094	1.0094	0.207422	0.720146	-1.38861	3.65217	3.52758	0.858565	1
cg02176280	KLHL29	0.0443274	0.207873	1.39956	1.39956	0.350849	1.27516	1.27516	0.008009	0.423075	-2.36365	0.892088	1.03496	1.03496	0.588565	1.14826	1.14826	0.232276	1.37316	1.37316	0.0212695	0.496174	-2.01542	0.13608	1.50169	1.50169	0.415885	0.810178	-1.2343	3.54544	3.5983	0.902142	1
cg17384897	KLHL29	0.0452821	0.0880712	0.36462	-2.74258	0.477728	1.47242	1.47242	0.757172	0.846844	-1.18086	0.0440914	0.289429	-3.45508	0.0126574	0.189911	-5.26562	0.217434	0.498818	-2.00474	0.0681478	0.3346	-2.98864	0.00915115	0.169605	-5.89607	0.0620524	0.324303	-3.08354	3.51728	16.004	4.04454	1
cg25617519	KLHL29	0.0479244	0.00833503	0.441152	-2.26679	0.333834	0.785106	-1.27371	0.117941	0.662281	-1.50993	0.232792	0.738097	-1.35484	0.580795	0.873386	-1.14497	0.154258	0.690629	-1.44796	0.0263994	1.89459	1.89459	0.978257	0.993407	-1.00664	0.0686143	0.609735	-1.64006	3.44302	3.21236	0.829339	1
cg10547641	KLHL29	0.0482485	0.437088	1.20038	1.20038	0.151826	0.70207	-1.42436	0.794157	1.06209	1.06209	0.538957	1.15409	1.15409	0.00351127	0.401687	-2.4895	0.853685	0.958361	-1.04345	0.0682906	1.60042	1.60042	0.165739	1.40572	1.40572	0.403533	0.821249	-1.21766	3.43426	2.8868	0.74719	1
cg10267809	KLHL2;GK3P;KLHL2;KLHL2	7.34E-05	0.00723583	0.693472	-1.44202	0.621997	0.948863	-1.05389	0.0373841	0.774793	-1.29067	0.981239	0.997519	-1.00249	1.19E-06	0.265447	-3.76724	0.000950046	0.594318	-1.6826	0.0151436	0.729643	-1.37053	0.183983	1.16052	1.16052	0.00114826	0.603627	-1.65665	24.0457	4.24886	0.157066	1
cg11123049	KLHL2;GK3P;KLHL2;KLHL2	0.00409852	0.57601	1.13019	1.13019	0.000999502	0.346952	-2.88224	0.00134428	0.364514	-2.74338	0.938603	0.983451	-1.01683	0.196963	1.34379	1.34379	0.704103	1.08617	1.08617	0.00792345	2.09103	2.09103	0.702556	0.920245	-1.08667	0.273909	0.781427	-1.27971	7.79507	5.79346	0.66064	1
cg05869007	KLHL2;KLHL2	0.0112121	?	?	?	0.00533218	0.101991	-9.80482	0.0566679	3.31513	3.31513	?	?	?	?	?	?	0.0334191	0.24344	-4.10779	0.0546254	0.297291	-3.36371	?	?	?	?	?	?	10.8086	18.1891	2.10353	1
cg26635367	KLHL2;KLHL2;KLHL2	0.000465759	0.738839	0.946032	-1.05705	0.000529063	2.44736	2.44736	?	?	?	0.00461861	1.86814	1.86814	0.0847686	0.729	-1.37174	0.00761345	1.76653	1.76653	0.217145	1.24025	1.24025	4.61E-05	3.582	3.582	0.00765694	1.76542	1.76542	14.9306	5.7791	0.387064	1
cg06817539	KLHL2;KLHL2;KLHL2	0.00287797	0.345765	0.771618	-1.29598	0.306717	0.753862	-1.3265	0.124533	0.641437	-1.559	0.00138132	0.289847	-3.45009	0.000226258	0.194515	-5.141	0.00337273	0.344852	-2.89979	0.00512011	0.372503	-2.68454	0.958928	1.01385	1.01385	0.0387204	0.527725	-1.89493	8.66421	9.78302	1.00367	1
cg05434397	KLHL2;KLHL2;KLHL2	0.0460971	0.239119	1.70626	1.70626	0.422494	0.701109	-1.42631	0.655686	1.2147	1.2147	0.0428429	2.74631	2.74631	0.207116	0.561806	-1.77997	0.0932998	2.22572	2.22572	0.158998	1.92018	1.92018	0.00482958	5.05411	5.05411	0.072755	2.38115	2.38115	3.49382	10.3939	2.6444	1
cg16277405	KLHL3	0.0050023	0.90911	0.964002	-1.03734	0.0242025	0.422038	-2.36945	0.00266286	0.263467	-3.79554	0.290711	1.4219	1.4219	0.0015229	0.231007	-4.32888	0.00273068	0.264994	-3.77368	0.00804913	0.336283	-2.97369	0.819604	0.929294	-1.07609	0.209949	0.654324	-1.52829	7.33756	11.9761	1.45082	1
cg24805396	KLHL3	0.00615052	0.0284453	0.455084	-2.19739	0.036407	0.476909	-2.09684	0.0039241	0.306773	-3.25974	0.702953	0.889905	-1.12371	0.000184563	0.14613	-6.84324	0.465115	0.797467	-1.25397	0.218552	0.674371	-1.48286	0.420538	0.778393	-1.2847	0.0341365	0.471125	-2.12258	6.88625	10.1078	1.30474	1
cg22422090	KLHL3	0.0324739	0.0183532	0.143881	-6.95017	0.629287	1.39032	1.39032	0.532458	0.651573	-1.53475	0.119344	0.318201	-3.14267	0.0206905	0.151466	-6.60214	0.611529	0.706807	-1.41481	0.006723	0.0924564	-10.8159	0.0153664	0.133274	-7.50334	0.0546257	0.228326	-4.37969	3.9729	28.8795	6.46144	1
cg06343686	KLHL30	0.000585135	0.558859	0.899368	-1.11189	0.000479659	0.374141	-2.67279	0.000110031	0.294808	-3.39204	0.304232	0.826203	-1.21036	0.020066	1.65424	1.65424	0.488964	0.881503	-1.13443	0.0169593	1.68619	1.68619	0.0939133	1.39165	1.39165	0.00689879	0.533922	-1.87293	13.6792	6.97473	0.453225	1
cg14820497	KLHL30	0.000632728	0.577231	0.869494	-1.15009	0.47617	0.835345	-1.19711	0.000424151	0.249984	-4.00026	0.538376	1.16731	1.16731	1.71E-05	0.111934	-8.93383	0.00547502	0.403687	-2.47717	0.0282502	0.525576	-1.90267	0.211987	0.721451	-1.3861	0.240322	0.736909	-1.35702	13.384	13.0719	0.868163	1
cg15367150	KLHL30	0.0012924	0.0466011	0.717924	-1.3929	0.012191	0.634934	-1.57497	0.000311054	0.427142	-2.34114	0.949149	1.00932	1.00932	0.0280057	0.685579	-1.45862	0.348865	1.15056	1.15056	0.0562452	0.730223	-1.36944	0.0332815	0.696404	-1.43595	9.22E-05	0.36231	-2.76006	10.9374	3.66343	0.297729	1
cg23906687	KLHL30	0.00175931	0.00204172	0.415869	-2.4046	0.0624172	0.654894	-1.52696	0.00064555	0.347685	-2.87616	0.00994541	0.518354	-1.92918	0.0093734	0.514315	-1.94433	0.00638494	0.488553	-2.04686	0.00747359	0.499031	-2.00388	0.0261947	0.587228	-1.70292	0.000252261	0.29586	-3.37998	10.0079	6.45648	0.573456	1
cg13168117	KLHL30	0.00186276	0.691867	1.09216	1.09216	0.353463	1.23526	1.23526	0.387944	1.21632	1.21632	0.99523	0.998678	-1.00132	4.07E-05	0.176814	-5.65566	0.152588	1.40364	1.40364	0.0240764	1.81379	1.81379	0.79284	1.05998	1.05998	0.14166	0.704886	-1.41867	9.84337	7.63516	0.68948	1
cg02931058	KLHL30	0.00242323	0.0198891	0.469521	-2.12983	0.0132612	0.437999	-2.28311	0.000229329	0.192817	-5.18626	0.000444317	0.225138	-4.44171	0.0178663	0.461019	-2.16911	0.0499346	0.548052	-1.82465	0.058862	0.56332	-1.77519	0.851299	1.05177	1.05177	0.0220343	0.477754	-2.09313	9.11527	10.4442	1.01848	1
cg00025626	KLHL30	0.00413933	0.731595	0.890241	-1.12329	0.0185551	0.38137	-2.62212	0.00277466	0.248313	-4.02718	0.962065	0.984068	-1.01619	0.000150511	0.111093	-9.00147	0.495654	1.26315	1.26315	0.779262	0.909482	-1.09953	0.133696	0.579152	-1.72666	0.0500455	0.470235	-2.1266	7.77179	14.0346	1.60519	1
cg02144874	KLHL30	0.00488646	0.0430833	0.573461	-1.7438	0.0221757	0.519369	-1.92541	0.000809569	0.299065	-3.34376	0.00030319	0.245906	-4.0666	0.0922858	0.642314	-1.55687	0.0503975	0.586957	-1.7037	0.352026	0.795478	-1.25711	0.9826	0.994803	-1.00522	0.168913	0.704558	-1.41933	7.3902	6.68061	0.80354	1
cg16520759	KLHL30	0.00749301	0.20205	0.821104	-1.21787	0.00476872	0.577938	-1.73029	0.0177529	0.655839	-1.52476	0.0405352	0.707427	-1.41357	0.0270948	0.681908	-1.46647	0.552513	1.09191	1.09191	0.00300454	1.81374	1.81374	0.735343	0.951567	-1.0509	0.524389	0.909919	-1.099	6.4759	2.19607	0.301435	1
cg12857875	KLHL30	0.0182561	0.100743	0.606367	-1.64917	0.016918	0.444511	-2.24966	0.0022581	0.304422	-3.28492	0.00334116	0.329081	-3.03876	0.546686	0.84388	-1.185	0.57567	0.854388	-1.17043	0.378132	1.28614	1.28614	0.536485	0.840136	-1.19028	0.166801	0.663517	-1.50712	4.852	5.95117	1.09026	1
cg15314023	KLHL30	0.019467	0.400745	0.820714	-1.21845	0.010662	0.478324	-2.09063	0.0102261	0.475345	-2.10373	0.0792469	0.639175	-1.56452	0.691243	1.09604	1.09604	0.947106	0.984875	-1.01536	0.0163794	1.96205	1.96205	0.343822	0.79931	-1.25108	0.0353506	0.569549	-1.75577	4.74788	3.96795	0.742871	1
cg16932820	KLHL30	0.0196593	0.975848	0.988998	-1.01112	0.00835704	0.291843	-3.4265	0.00251851	0.215885	-4.6321	0.114713	1.87177	1.87177	0.159815	0.577587	-1.73134	0.911852	0.960339	-1.0413	0.213994	0.619935	-1.61307	0.507826	1.27829	1.27829	0.0370513	0.412783	-2.42258	4.73208	10.0089	1.88011	1
cg23086427	KLHL30	0.020241	0.0466022	0.761258	-1.31362	0.0740098	0.787926	-1.26916	0.0124406	0.689122	-1.45112	0.43449	0.908956	-1.10016	0.0677501	0.782746	-1.27755	0.115134	1.22761	1.22761	0.0111583	1.4634	1.4634	0.667383	0.949563	-1.05312	0.248115	0.865426	-1.1555	4.68545	1.06337	0.201734	1
cg27213226	KLHL30	0.0203936	0.934046	0.983062	-1.01723	0.00344775	0.440527	-2.27001	0.00321943	0.436166	-2.29271	0.0187589	0.555547	-1.80003	0.0491237	0.629027	-1.58976	0.0631306	0.649592	-1.53943	0.941098	1.01537	1.01537	0.495682	0.866942	-1.15348	0.134179	0.716499	-1.39568	4.67348	3.15319	0.599732	1
cg14425914	KLHL30	0.0233203	0.00571216	0.309859	-3.22728	0.0975178	0.555548	-1.80002	0.010683	0.354353	-2.82205	0.967564	1.01323	1.01323	0.00702058	0.324052	-3.08593	0.110926	0.570374	-1.75323	0.697968	1.13436	1.13436	0.0372832	0.457716	-2.18476	0.0873825	0.543292	-1.84063	4.46351	7.38837	1.47136	1
cg19155789	KLHL30	0.0243527	0.246588	0.816282	-1.22507	0.0462223	0.682068	-1.46613	0.000640528	0.415603	-2.40614	0.456192	0.880609	-1.13558	0.198777	0.796519	-1.25546	0.313092	1.19101	1.19101	0.413519	1.15034	1.15034	0.843012	0.967326	-1.03378	0.523826	0.897419	-1.11431	4.39711	1.95469	0.395145	1
cg07903023	KLHL30	0.0254894	0.0552241	1.69391	1.69391	0.344946	1.26604	1.26604	0.356203	1.25876	1.25876	0.452105	0.830466	-1.20414	0.0537556	0.587959	-1.7008	0.0272562	1.88437	1.88437	0.0062999	2.3699	2.3699	0.025916	1.89885	1.89885	0.996757	0.999015	-1.00099	4.32792	4.03088	0.827881	1
cg17079034	KLHL30	0.0333487	0.0927057	0.595337	-1.67972	0.00927949	0.396373	-2.52287	0.00475019	0.349537	-2.86093	0.0520334	0.53815	-1.85822	0.0553886	0.544037	-1.83811	0.801497	0.931816	-1.07317	0.0184092	0.448569	-2.22931	0.719774	0.903941	-1.10627	0.211204	0.691244	-1.44667	3.93516	4.89774	1.10632	1
cg19430414	KLHL30	0.0413604	0.772601	0.926487	-1.07935	0.0381984	0.530964	-1.88337	0.00296587	0.341409	-2.92904	0.37607	1.27047	1.27047	0.550472	1.17256	1.17256	0.362841	1.27949	1.27949	0.25458	1.36819	1.36819	0.35003	0.776083	-1.28852	0.134693	0.65377	-1.52959	3.63794	4.0012	0.977646	1
cg05611648	KLHL30	0.0463729	0.06395	0.275844	-3.62524	0.0182307	0.169863	-5.8871	0.01637	0.162823	-6.14164	0.125337	0.358393	-2.79024	0.0169276	0.164985	-6.06116	0.202636	0.435179	-2.2979	0.0450014	0.241001	-4.14936	0.0263365	0.196046	-5.10085	0.0749928	0.293312	-3.40934	3.486	21.1238	5.38633	1
cg24004532	KLHL31	3.11E-06	1.11E-05	2.41935	2.41935	6.26E-05	0.49801	-2.00799	0.000977997	0.629021	-1.58977	0.000105927	1.90997	1.90997	7.30E-06	0.392588	-2.5472	0.299754	1.10694	1.10694	4.13E-05	0.477671	-2.09349	0.00128928	1.55806	1.55806	0.00110051	1.57605	1.57605	54.8295	7.76159	0.12583	1
cg13563668	KLHL31	0.00019865	0.00107648	0.2505	-3.99201	0.00607035	0.358027	-2.79309	0.000715462	0.228387	-4.37853	0.000164039	0.158444	-6.31137	4.72E-05	0.110948	-9.01325	0.85754	1.05286	1.05286	0.000173068	0.160725	-6.22182	0.168688	0.656762	-1.52262	0.000925475	0.242179	-4.12918	18.405	23.954	1.15689	1
cg01143222	KLHL31	0.00195461	0.0110052	0.743787	-1.34447	0.117655	0.854117	-1.1708	0.179341	0.876028	-1.14152	0.00146029	0.652791	-1.53188	0.19636	0.880935	-1.13516	0.000142012	0.543913	-1.83853	0.0902923	0.840955	-1.18912	0.840656	1.01886	1.01886	0.0264096	1.27671	1.27671	9.70658	1.3238	0.121228	1
cg16100476	KLHL31	0.00699176	0.818639	0.948572	-1.05422	0.0552531	0.606816	-1.64795	0.00580372	0.435771	-2.29478	0.9803	1.00569	1.00569	0.00997046	0.473291	-2.11286	0.905352	0.973027	-1.02772	0.000781933	0.311044	-3.21498	0.0410426	0.5816	-1.7194	0.106093	1.50039	1.50039	6.61755	5.5384	0.743934	1
cg07406888	KLHL31	0.0147076	0.136987	0.75336	-1.32739	0.000506622	0.382639	-2.61343	0.235219	1.24602	1.24602	0.033228	0.643996	-1.5528	0.745907	0.944137	-1.05917	0.0685237	0.697314	-1.43407	0.392352	1.16757	1.16757	0.16959	0.772069	-1.29522	0.729718	0.940522	-1.06324	5.2145	2.58147	0.440049	1
cg00222690	KLHL31	0.0157247	0.285383	0.791196	-1.26391	0.0168694	1.85031	1.85031	0.000472307	3.18764	3.18764	0.912561	0.977081	-1.02346	0.862811	1.03718	1.03718	0.547796	0.879515	-1.13699	0.928863	1.01903	1.01903	0.840977	1.04332	1.04332	0.133149	1.40773	1.40773	5.10033	3.59898	0.627232	1
cg15658676	KLHL31	0.0218154	0.0176809	2.86292	2.86292	0.00405831	4.08137	4.08137	0.0343732	2.45876	2.45876	0.118217	1.85585	1.85585	0.0179238	2.8539	2.8539	0.121175	1.84522	1.84522	0.0710601	2.08566	2.08566	0.010008	3.27181	3.27181	0.0230459	2.69341	2.69341	4.56712	9.6121	1.87078	1
cg06555281	KLHL31	0.0331372	0.0240857	0.186483	-5.36242	0.0390321	0.225087	-4.44273	0.0224794	0.1815	-5.50965	0.272102	0.489862	-2.04139	0.00483319	0.09697	-10.3125	0.159278	0.391017	-2.55743	0.025726	0.191357	-5.22582	0.248568	0.470981	-2.12323	0.02123	0.177463	-5.63497	3.94417	24.3431	5.48616	1
cg00536792	KLHL31;KLHL31	0.0334086	0.0185765	4.88475	4.88475	0.0526155	3.40251	3.40251	0.0155361	5.20333	5.20333	0.463955	1.51323	1.51323	0.141152	2.40969	2.40969	0.0554831	3.34075	3.34075	0.282361	1.86045	1.86045	0.00360111	8.93837	8.93837	0.0386907	3.78338	3.78338	3.93262	19.236	4.3479	1
cg15981265	KLHL32;KLHL32	0.0405345	0.816597	1.02232	1.02232	0.280794	0.898936	-1.11243	0.0609531	1.22229	1.22229	0.00396742	1.44508	1.44508	0.781027	1.02684	1.02684	0.147894	1.15898	1.15898	0.0591168	0.816661	-1.2245	0.425396	0.925557	-1.08043	0.408311	1.0837	1.0837	3.66516	0.524313	0.127159	1
cg19635505	KLHL33	0.00562882	0.00471356	16.3629	16.3629	0.00155091	29.5892	29.5892	0.0324272	6.49476	6.49476	0.103785	3.75883	3.75883	0.0141696	9.51543	9.51543	0.0386449	5.9463	5.9463	0.00185405	26.8051	26.8051	0.00522553	15.5272	15.5272	0.0176183	8.5801	8.5801	7.07703	62.1012	7.80002	1
cg10982443	KLHL33	0.00648096	0.00357296	28.3149	28.3149	0.00217387	38.2353	38.2353	0.027036	9.18497	9.18497	0.0666727	5.70773	5.70773	0.0136075	13.2757	13.2757	0.0545725	6.34269	6.34269	0.0025499	34.6744	34.6744	0.00598444	20.9763	20.9763	0.0213133	10.4241	10.4241	6.77554	77.0038	10.1022	1
cg14162144	KLHL33	0.00696718	0.012924	2.13783	2.13783	0.00797349	2.31036	2.31036	0.110936	1.53358	1.53358	0.316139	1.29069	1.29069	0.00310582	2.7076	2.7076	0.026065	1.91592	1.91592	0.00100501	3.32718	3.32718	0.00727156	2.34542	2.34542	0.0425522	1.77709	1.77709	6.62482	6.36085	0.85347	1
cg02852670	KLHL33	0.0182475	0.0284792	12.5565	12.5565	0.00185119	75.5738	75.5738	0.0282512	12.6184	12.6184	0.0805588	6.66502	6.66502	0.420294	2.23858	2.23858	0.322508	2.71878	2.71878	0.0131432	20.2777	20.2777	0.0181227	16.5876	16.5876	0.0184748	16.3907	16.3907	4.85278	73.6189	13.4849	1
cg08056835	KLHL33	0.0207622	0.919083	1.0142	1.0142	0.0140994	0.656697	-1.52277	0.00171237	0.537204	-1.86149	0.0163699	0.665454	-1.50273	0.221729	1.19514	1.19514	0.0807611	0.764306	-1.30838	0.421672	0.892323	-1.12067	0.324212	0.86822	-1.15178	0.315922	0.865961	-1.15479	4.64505	1.41721	0.271202	1
cg26346562	KLHL33	0.02098	0.277598	1.24236	1.24236	0.00081077	2.64022	2.64022	0.0215156	1.70014	1.70014	0.378015	1.18987	1.18987	0.177203	1.3174	1.3174	0.0430509	1.56429	1.56429	0.0249092	1.67031	1.67031	0.0937571	1.42506	1.42506	0.913216	0.979265	-1.02117	4.62853	2.70793	0.520045	1
cg14286208	KLHL33	0.034269	0.0373665	5.55111	5.55111	0.0272078	6.3877	6.3877	0.109966	3.44187	3.44187	0.0781459	4.00878	4.00878	0.150365	2.98536	2.98536	0.0663157	4.31081	4.31081	0.00400928	15.5351	15.5351	0.0316365	5.97473	5.97473	0.0194634	7.41757	7.41757	3.89674	31.0619	7.08554	1
cg01563671	KLHL34	0.00159068	0.0348938	2.01377	2.01377	0.00841004	2.6073	2.6073	0.826151	1.06463	1.06463	0.383285	1.28988	1.28988	0.348882	1.31597	1.31597	0.0226021	2.1757	2.1757	2.71E-05	10.5735	10.5735	0.00800268	2.63177	2.63177	0.0446414	1.92786	1.92786	10.3038	13.2291	1.14125	1
cg06775759	KLHL34	0.00332731	0.0698309	2.98142	2.98142	0.0778562	2.87433	2.87433	0.224568	1.9885	1.9885	0.240709	1.93832	1.93832	0.881977	0.923072	-1.08334	0.0567084	3.1969	3.1969	0.000139502	34.6433	34.6433	0.00105927	13.5814	13.5814	0.0103538	5.69807	5.69807	8.29836	38.1578	4.08732	1
cg14232291	KLHL34	0.00392864	0.0618555	5.54507	5.54507	0.253963	2.63889	2.63889	0.898361	1.1097	1.1097	0.653425	1.44507	1.44507	0.714121	1.34945	1.34945	0.0482804	6.28576	6.28576	0.000276204	127.694	127.694	0.00154438	40.8328	40.8328	0.00253279	30.3773	30.3773	7.89519	82.9659	9.34081	1
cg01891172	KLHL34	0.00676485	0.139423	11.1767	11.1767	0.319277	4.7684	4.7684	0.990345	1.01853	1.01853	0.517261	2.70853	2.70853	0.462999	3.10728	3.10728	0.1441	10.8211	10.8211	0.000583481	3194.52	3194.52	0.001464	1066.58	1066.58	0.0036414	391.384	391.384	6.6859	243.883	32.4243	1
cg12423482	KLHL34	0.00680428	0.0490911	5.33761	5.33761	0.551057	1.5678	1.5678	0.895875	0.906997	-1.10254	0.936829	1.06088	1.06088	0.689307	1.34933	1.34933	0.64132	1.41874	1.41874	0.000480596	59.3639	59.3639	0.00161687	29.0643	29.0643	0.0104742	11.0456	11.0456	6.67382	58.7473	7.82458	1
cg20312916	KLHL34	0.00833373	0.0650865	11.8058	11.8058	0.28529	3.75375	3.75375	0.366387	3.02232	3.02232	0.132521	6.92153	6.92153	0.150648	6.27143	6.27143	0.107859	8.0941	8.0941	0.000590202	558.891	558.891	0.0019668	183.821	183.821	0.0049747	84.0542	84.0542	6.26297	140.906	19.9985	1
cg25127732	KLHL34	0.0120338	0.122777	3.80826	3.80826	0.522501	0.595522	-1.6792	0.761636	0.784043	-1.27544	0.338741	2.20027	2.20027	0.705792	1.35431	1.35431	0.197698	2.97086	2.97086	0.000537061	74.1846	74.1846	0.0115288	12.5125	12.5125	0.0120071	12.252	12.252	5.56841	56.399	9.003	1
cg01828474	KLHL34	0.0180302	0.11271	14.3654	14.3654	0.42968	3.47022	3.47022	0.509333	2.80986	2.80986	0.234202	6.85309	6.85309	0.19837	8.14958	8.14958	0.12527	12.9474	12.9474	0.00117462	1554.88	1554.88	0.00422369	369.436	369.436	0.0113916	132.759	132.759	4.87238	183.819	33.5349	1
cg27040993	KLHL34	0.0279	0.0685259	2.46559	2.46559	0.0125515	3.95111	3.95111	0.294416	1.61812	1.61812	0.507903	1.34618	1.34618	0.632469	0.807961	-1.23768	0.0692474	2.45848	2.45848	0.00230376	6.58616	6.58616	0.0185132	3.53973	3.53973	0.254277	1.69355	1.69355	4.19306	13.0066	2.75727	1
cg21655480	KLHL34	0.0323414	0.0623071	7.19855	7.19855	0.187044	3.72671	3.72671	0.314034	2.66301	2.66301	0.438784	2.10194	2.10194	0.524419	1.83457	1.83457	0.117194	4.9572	4.9572	0.00243559	52.9201	52.9201	0.00671972	27.286	27.286	0.0278311	11.5361	11.5361	3.97873	55.7602	12.4574	1
cg25888700	KLHL34;KLHL34	0.0250478	0.171286	11.6344	11.6344	0.464674	3.50328	3.50328	0.779901	1.60314	1.60314	0.316409	5.72585	5.72585	0.159937	12.5485	12.5485	0.145824	13.8841	13.8841	0.00212563	1442.64	1442.64	0.00473964	555.404	555.404	0.013669	170.375	170.375	4.35434	195.736	39.9572	1
cg16459103	KLHL35	7.34E-06	0.788597	0.97761	-1.0229	0.0168707	1.27844	1.27844	3.84E-06	2.47825	2.47825	5.07E-07	3.26174	3.26174	0.416216	0.93238	-1.07252	0.00517732	1.36478	1.36478	0.000491235	0.631281	-1.58408	0.395626	0.92932	-1.07606	0.987923	0.998725	-1.00128	43.9495	4.94185	0.0999502	1
cg03934926	KLHL35	6.68E-05	0.0578131	0.367882	-2.71826	6.88E-05	29.7355	29.7355	0.000186448	18.9349	18.9349	0.000124165	22.6299	22.6299	0.00482616	0.174975	-5.71509	0.0463209	2.8984	2.8984	0.00299174	0.149805	-6.67533	0.00889672	0.211837	-4.72062	0.176012	0.511327	-1.9557	24.6554	84.8771	3.06003	1
cg12001148	KLHL35	0.000310211	0.00624404	0.299266	-3.34151	0.00794728	3.16439	3.16439	0.000439168	6.55191	6.55191	4.64E-05	13.4993	13.4993	0.0833268	0.522627	-1.91341	0.80402	1.0878	1.0878	0.0648035	0.495592	-2.01779	0.648589	0.856152	-1.16802	0.0689309	0.502085	-1.9917	16.3001	29.5788	1.61302	1
cg26666804	KLHL35	0.00118932	0.494325	1.2225	1.2225	0.86642	1.04994	1.04994	0.000141617	6.68854	6.68854	0.000233217	5.85381	5.85381	0.973497	1.00966	1.00966	0.0337994	0.488002	-2.04917	0.398145	0.778471	-1.28457	0.102109	1.67852	1.67852	0.333247	0.749074	-1.33498	11.2003	14.8641	1.17965	1
cg02993825	KLHL35	0.00188233	0.549846	1.17024	1.17024	0.388183	1.25835	1.25835	0.000649878	3.89109	3.89109	0.0179097	2.11196	2.11196	0.00198634	0.321488	-3.11053	0.825366	0.944198	-1.0591	0.018957	0.477948	-2.09228	0.00884583	2.37717	2.37717	0.152368	1.48936	1.48936	9.81354	10.4934	0.950469	1
cg02343736	KLHL35	0.00378045	0.152078	0.475874	-2.1014	0.0248614	3.6417	3.6417	0.00447622	6.26246	6.26246	0.00823734	5.13292	5.13292	0.0221726	0.265201	-3.77073	0.174988	2.0101	2.0101	0.00945631	0.203572	-4.91228	0.126938	0.449787	-2.22327	0.150453	0.474271	-2.1085	7.98704	29.6324	3.29783	1
cg18113790	KLHL35	0.00520666	0.298204	0.713635	-1.40128	0.0273532	2.26315	2.26315	0.0076703	2.92158	2.92158	0.000483484	5.54129	5.54129	0.23694	0.678631	-1.47356	0.326075	1.37333	1.37333	0.036902	0.468449	-2.1347	0.657371	1.14989	1.14989	0.652044	0.867604	-1.1526	7.24831	11.2373	1.37808	1
cg23567562	KLHL35	0.00631535	0.546643	0.769485	-1.29957	0.106848	2.13017	2.13017	0.220383	1.73926	1.73926	0.000262479	13.1548	13.1548	0.151447	0.516741	-1.93521	0.805964	1.1115	1.1115	0.0189827	0.295209	-3.38743	0.576704	0.784872	-1.27409	0.467449	0.727896	-1.37382	6.83012	19.959	2.59751	1
cg20787146	KLHL35	0.00790914	0.169264	0.502697	-1.98927	0.00380916	6.25059	6.25059	0.397974	1.50149	1.50149	0.0615842	2.68831	2.68831	0.0156236	0.24854	-4.0235	0.457948	1.42615	1.42615	0.00666921	0.191445	-5.22343	0.242129	0.562725	-1.77707	0.0989383	0.427566	-2.33882	6.36698	22.2428	3.1053	1
cg05353869	KLHL35	0.00815633	0.470144	1.86795	1.86795	0.00222536	0.0261609	-38.2249	0.296023	2.51303	2.51303	0.451436	1.92025	1.92025	0.611239	1.54641	1.54641	0.712122	1.37053	1.37053	0.00184628	0.0232883	-42.94	0.00768754	0.0543209	-18.4091	0.458335	0.52614	-1.90063	6.30561	72.2231	10.1812	1
cg10909185	KLHL35	0.0125433	0.609377	0.569459	-1.75605	0.000749418	0.0037435	-267.13	0.130062	5.96943	5.96943	0.454389	2.29932	2.29932	0.215623	0.240761	-4.1535	0.113341	0.152192	-6.57066	0.0136271	0.0356375	-28.0603	0.0313692	0.0633699	-15.7804	0.424351	0.410059	-2.43867	5.49386	103.872	16.8062	1
cg06329735	KLHL35	0.0248678	0.376456	1.76948	1.76948	0.00215316	0.066603	-15.0143	0.188111	2.40356	2.40356	0.631094	1.35555	1.35555	0.325083	1.89447	1.89447	0.262628	0.479804	-2.08418	0.0120293	0.139541	-7.16633	0.384163	0.570603	-1.75253	0.287596	0.499455	-2.00218	4.36527	27.3334	5.56582	1
cg11719952	KLHL35	0.0300098	0.115316	0.407885	-2.45167	0.0690142	2.90306	2.90306	0.108504	2.50182	2.50182	0.115891	2.44761	2.44761	0.0171255	0.218277	-4.58134	0.0471364	0.304254	-3.28673	0.0492992	0.308725	-3.23913	0.912173	1.05949	1.05949	0.577047	0.744447	-1.34328	4.08636	17.7563	3.86244	1
cg26561267	KLHL35	0.0307451	0.0433771	0.535065	-1.86893	0.0716364	0.581916	-1.71846	0.0150161	0.447222	-2.23602	0.271516	1.36086	1.36086	0.0134424	0.438758	-2.27916	0.0242307	0.485231	-2.06088	0.443946	0.810516	-1.23378	0.0192477	0.466643	-2.14296	0.589131	0.863489	-1.15809	4.05133	4.64894	1.02001	1
cg00388897	KLHL35	0.0309625	0.0613403	1.65005	1.65005	0.629605	1.12238	1.12238	0.00508413	2.41032	2.41032	0.135623	1.46533	1.46533	0.359424	0.79943	-1.25089	0.651877	0.897724	-1.11393	0.0260154	1.87316	1.87316	0.034786	1.79415	1.79415	0.0265993	1.86699	1.86699	4.04117	3.61217	0.794527	1
cg05456789	KLHL35	0.0346092	0.537672	0.675637	-1.48008	0.0720865	3.53011	3.53011	0.0176718	6.1294	6.1294	0.311012	1.93203	1.93203	0.0339518	0.211101	-4.73707	0.675938	1.3023	1.3023	0.361478	0.554677	-1.80285	0.0469667	0.239623	-4.17322	0.0885743	0.307164	-3.25559	3.88287	24.2756	5.55732	1
cg16547529	KLHL35	0.0415832	0.0433446	2.83385	2.83385	0.00592815	5.01937	5.01937	0.0201243	3.51366	3.51366	0.109582	2.18576	2.18576	0.092083	2.29607	2.29607	0.0223202	3.41228	3.41228	0.620099	0.799319	-1.25107	0.21463	1.79605	1.79605	0.70874	1.18318	1.18318	3.63072	11.5542	2.82874	1
cg19149691	KLHL35	0.0487936	0.62564	1.25147	1.25147	0.00895439	4.55734	4.55734	0.207661	1.83338	1.83338	0.0120384	4.17344	4.17344	0.894354	0.941185	-1.06249	0.246354	0.575171	-1.73861	0.103727	0.444086	-2.25181	0.474763	1.39322	1.39322	0.66951	1.21639	1.21639	3.41969	11.2731	2.93026	1
cg04782002	KLHL36	0.000414071	0.32894	0.760793	-1.31442	0.000135081	0.166373	-6.01059	0.101652	0.614937	-1.62618	0.772943	1.08166	1.08166	2.80E-05	0.10673	-9.36943	0.819755	0.93995	-1.06389	0.00152962	0.290072	-3.44742	0.121711	0.63431	-1.57652	0.00198428	0.305674	-3.27146	15.0559	17.5558	1.03648	1
cg09145053	KLHL36	0.000463928	0.568046	1.09423	1.09423	0.00156097	2.03279	2.03279	0.000842542	0.456799	-2.18915	0.394173	1.14591	1.14591	0.225579	0.819879	-1.21969	9.31E-05	0.336941	-2.96788	0.00116165	0.47502	-2.10518	0.299095	0.8454	-1.18287	0.576781	0.915775	-1.09197	14.5902	5.62718	0.342829	1
cg08482274	KLHL36	0.000638392	0.149763	0.73339	-1.36353	0.00741585	0.500293	-1.99883	0.00251885	0.430722	-2.32169	0.00530874	0.478225	-2.09107	3.55E-05	0.201467	-4.96359	0.000461147	0.330609	-3.02472	0.00904205	0.513629	-1.94693	0.623867	1.10433	1.10433	0.0222803	0.576936	-1.73329	13.3507	8.52503	0.567595	1
cg03054598	KLHL36	0.000639198	0.0234953	0.691786	-1.44553	0.841154	1.0277	1.0277	0.350586	1.13978	1.13978	0.030765	0.707871	-1.41269	0.00054789	0.481375	-2.07738	0.00230243	0.559855	-1.78618	0.00215635	0.556236	-1.7978	0.000459526	2.11922	2.11922	0.314822	0.868016	-1.15205	13.346	3.91976	0.261069	1
cg03597968	KLHL36	0.00366086	0.00777094	0.654542	-1.52779	0.732545	1.04345	1.04345	0.0104065	0.670303	-1.49186	0.928479	1.01119	1.01119	0.564106	0.930254	-1.07498	0.0824675	1.26934	1.26934	0.000444987	1.98814	1.98814	0.24229	1.16386	1.16386	0.117177	0.809756	-1.23494	8.0645	1.96368	0.216442	1
cg02961326	KLHL36	0.00429445	0.0149817	1.45314	1.45314	0.00273947	1.67636	1.67636	0.138517	1.2205	1.2205	0.0079953	1.52919	1.52919	0.174537	0.834888	-1.19777	0.12304	0.81159	-1.23215	0.00203773	1.72179	1.72179	0.371239	0.891617	-1.12156	0.335385	0.883268	-1.13216	7.68584	1.90048	0.219796	1
cg04306106	KLHL36	0.00598708	0.000965349	0.373724	-2.67577	0.0502962	1.56354	1.56354	0.776042	0.944471	-1.05879	0.148878	0.733381	-1.36355	0.875808	0.969158	-1.03182	0.00221755	0.423718	-2.36006	0.0313955	0.603116	-1.65806	0.502474	1.14605	1.14605	0.28714	1.2478	1.2478	6.94378	4.41227	0.564825	1
cg23617760	KLHL36	0.00644296	0.387243	0.760956	-1.31414	0.181167	1.54896	1.54896	0.0649485	0.527909	-1.89427	0.44791	1.26923	1.26923	0.000371126	0.172754	-5.78859	0.553365	0.831255	-1.203	0.146014	1.6178	1.6178	0.102101	1.73586	1.73586	0.0200647	0.421174	-2.37431	6.78791	10.2142	1.33757	1
cg06945845	KLHL36	0.00798466	0.00815678	0.392114	-2.55028	0.86561	0.954246	-1.04795	0.00682609	0.379489	-2.63512	0.700351	0.898598	-1.11284	0.00112863	0.265786	-3.76243	0.173611	0.670127	-1.49225	0.00411256	0.345003	-2.89853	0.968915	1.01083	1.01083	0.0253174	0.479417	-2.08586	6.34798	7.68592	1.07624	1
cg07123890	KLHL36	0.0275095	0.939123	0.990164	-1.00993	0.826113	1.02888	1.02888	0.576775	0.929634	-1.07569	0.0272545	1.40231	1.40231	0.861327	1.02288	1.02288	0.0114105	1.50644	1.50644	0.00694606	1.57144	1.57144	0.20638	0.841579	-1.18824	0.120267	0.804051	-1.2437	4.21391	1.11767	0.235763	1
cg07831918	KLHL36	0.0283754	0.388904	0.715359	-1.3979	0.510169	1.28842	1.28842	0.236854	0.624909	-1.60023	0.706879	1.15409	1.15409	0.000427084	0.12056	-8.29466	0.688613	0.858287	-1.16511	0.798532	1.10189	1.10189	0.946366	1.02585	1.02585	0.439705	0.741596	-1.34844	4.16817	9.50007	2.02595	1
cg09186979	KLHL36	0.0311346	0.0111146	0.728122	-1.3734	0.461754	1.07753	1.07753	0.12597	1.17942	1.17942	0.221908	0.879892	-1.1365	0.54997	1.06214	1.06214	0.277348	0.893506	-1.11919	0.0193542	1.32562	1.32562	0.0463416	0.796545	-1.25542	0.269562	0.891727	-1.12142	4.03319	0.634563	0.139853	1
cg04546061	KLHL36	0.0468429	0.6125	0.866141	-1.15455	0.00259941	0.309168	-3.23448	0.0116823	0.412069	-2.42678	0.820537	1.06602	1.06602	0.971152	0.989877	-1.01023	0.566505	1.17706	1.17706	0.504906	1.20969	1.20969	0.269564	0.723624	-1.38193	0.636422	0.874615	-1.14336	3.47279	4.3539	1.11442	1
cg02525822	KLHL36	0.0482391	0.1738	0.590648	-1.69306	0.420827	1.34884	1.34884	0.00427589	4.01782	4.01782	0.97871	1.00976	1.00976	0.0625918	0.466496	-2.14364	0.062672	2.14302	2.14302	0.623453	0.835219	-1.19729	0.865581	0.940213	-1.06359	0.876912	0.945162	-1.05802	3.43451	7.20221	1.86401	1
cg01388243	KLHL38	0.000544645	0.122868	0.755433	-1.32374	0.000249294	0.362699	-2.75711	0.0157005	0.608475	-1.64345	0.0780898	1.38881	1.38881	0.000621385	0.413359	-2.4192	0.0705344	0.712411	-1.40368	7.33E-05	0.298182	-3.35366	0.00972589	0.577706	-1.73098	0.602525	0.915621	-1.09215	13.955	6.22151	0.396289	1
cg16408049	KLHL38	0.00545126	0.313487	0.90777	-1.1016	0.116137	0.853425	-1.17175	0.154402	0.868054	-1.152	0.164831	0.871497	-1.14745	0.695372	1.0372	1.0372	0.309062	1.10265	1.10265	0.000155055	1.82475	1.82475	0.0920328	1.18786	1.18786	0.896423	0.987983	-1.01216	7.14705	0.975252	0.121293	1
cg13477525	KLHL38	0.0170792	0.8577	1.02222	1.02222	0.00528006	0.637453	-1.56874	0.0799036	0.788255	-1.26862	0.348738	1.12537	1.12537	0.220767	1.17072	1.17072	0.315316	1.13556	1.13556	0.00927245	1.49818	1.49818	0.0413637	0.749701	-1.33386	0.562792	1.07427	1.07427	4.96176	1.1781	0.211054	1
cg00713972	KLHL38	0.0179944	0.0299282	0.713804	-1.40094	0.0186118	0.686219	-1.45726	0.15104	0.816193	-1.2252	0.801462	1.03382	1.03382	0.0835861	1.28759	1.28759	0.0200894	1.44799	1.44799	0.0600047	1.3232	1.3232	0.0854219	0.778042	-1.28528	0.402465	0.893065	-1.11974	4.87563	1.34531	0.245267	1
cg03043911	KLHL4;KLHL4	0.0126608	0.000980721	0.0968487	-10.3254	0.394066	0.659809	-1.51559	0.147674	0.477166	-2.09571	0.139297	0.468664	-2.13372	0.0175454	0.252411	-3.96179	0.617037	1.27142	1.27142	0.0998682	2.3605	2.3605	0.190132	1.9366	1.9366	0.0796498	0.39592	-2.52576	5.47719	19.6805	3.19394	1
cg16948369	KLHL4;KLHL4	0.0254213	0.00262188	0.265761	-3.76278	0.187259	0.641085	-1.55986	0.697878	0.883308	-1.13211	0.327067	0.724829	-1.37964	0.354716	1.35371	1.35371	0.5926	0.842147	-1.18744	0.0753865	0.532758	-1.87702	0.0236429	2.36184	2.36184	0.27564	1.43439	1.43439	4.33196	6.94169	1.42439	1
cg05160105	KLHL5;KLHL5	0.00137575	0.00221024	0.493978	-2.02438	0.00180288	0.481992	-2.07472	0.000681143	0.425917	-2.34788	0.388739	1.15632	1.15632	0.00703106	0.563861	-1.77349	0.368299	0.859041	-1.16409	0.00296711	0.511464	-1.95517	0.120843	1.31864	1.31864	0.00432111	0.534069	-1.87242	10.7433	4.59992	0.380594	1
cg19906926	KLHL5;KLHL5	0.00752572	0.0177719	0.32809	-3.04795	0.192816	0.586874	-1.70394	0.522377	1.28492	1.28492	0.0950624	0.492005	-2.0325	0.00121478	0.160212	-6.24173	0.264634	0.637904	-1.56763	0.0231813	0.350091	-2.8564	0.0033119	0.212941	-4.69614	0.00420343	0.227081	-4.40372	6.46707	15.3143	2.10493	1
cg00214294	KLHL5;KLHL5	0.0453797	0.470223	0.853343	-1.17186	0.705407	0.927181	-1.08545	0.257731	1.29043	1.29043	0.971163	0.992226	-1.00783	0.955318	1.01217	1.01217	0.00629506	0.463821	-2.156	0.635231	0.901977	-1.10868	0.0155361	1.8978	1.8978	0.11224	1.45255	1.45255	3.51445	2.59415	0.656123	1
cg20263261	KLHL5;KLHL5;KLHL5;KLHL5	0.000285799	0.823201	1.03283	1.03283	0.000329612	0.432939	-2.3098	0.0196962	1.50183	1.50183	0.0163058	1.52805	1.52805	2.57E-05	0.299975	-3.33361	0.0523646	0.727221	-1.3751	0.00766562	0.609717	-1.6401	0.923966	1.01388	1.01388	0.0672445	0.743729	-1.34458	16.6698	5.50242	0.293407	1
cg04747180	KLHL5;KLHL5;KLHL5;KLHL5	0.0131055	0.0681169	0.641912	-1.55785	0.561571	1.13584	1.13584	0.0282434	0.569987	-1.75443	0.417451	0.835423	-1.197	0.00103831	0.348551	-2.86902	0.0282812	0.570091	-1.75411	0.0380662	0.593469	-1.68501	0.357488	1.22796	1.22796	0.0224887	0.552583	-1.80968	5.41582	4.03911	0.662932	1
cg04901623	KLHL5;KLHL5;KLHL5;KLHL5	0.0243367	0.138289	0.684685	-1.46053	0.233684	1.34497	1.34497	0.761327	0.93024	-1.07499	0.955419	0.986818	-1.01336	0.0069174	0.436168	-2.29269	0.0567468	0.599368	-1.66842	0.509584	0.85317	-1.1721	0.0405396	1.75323	1.75323	0.0123088	0.477137	-2.09583	4.39812	3.92479	0.793226	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(1047 vs. N))	p-value(105T vs. N)	Fold-Change(1-p-value(105T vs. N))	p-value(111T vs. N)	Fold-Change(1-p-value(111T vs. N))	p-value(112T vs. N)	Fold-Change(1-p-value(112T vs. N))	p-value(121T vs. N)	Fold-Change(1-p-value(121T vs. N))	p-value(347T vs. N)	Fold-Change(1-p-value(347T vs. N))	p-value(347 vs. N)	Fold-Change(1-p-value(347 vs. N))	p-value(353T vs. N)	Fold-Change(1-p-value(353T vs. N))	p-value(527T vs. N)	Fold-Change(1-p-value(527T vs. N))	p-value(5 vs. N)	Fold-Change(1-p-value(5 vs. N))	p-value(563T vs. N)	Fold-Change(1-p-value(563T vs. N))	F(Test)	SS(Test)	SS(Error)	
cg14023239	KLHL6	0.00559464	0.0785454	5.59782	-1.72777	1.000388573	0.205318	-4.87049	0.448444	1.24134	0.0110389	4.40159	-2.4379	0.0937565	0.597	-1.67504	0.0992171	0.603033	-1.65828	0.0102495	0.275076	-3.63536	0.0937165	0.86198	-1.16012	0.26153	0.720598	-1.38774	7.0903	8.79477	1.10257	1
cg00832703	KLHL6	0.0110143	1.4905	1.4905	0.153807	1.1351	1.1351	0.180608	1.12522	1.12522	0.0997901	1.119	1.119	0.631928	0.96074	-1.04086	0.39402	0.930244	-1.07499	0.0013903	1.46888	1.468385	0.1060	1.06002	0.455475	0.938866	-1.06511	5.83426	0.636373	0.0969557	1
cg20198399	KLHL6	0.0109315	0.885812	1.03864	1.03864	0.714209	0.907525	-1.1019	0.23141	0.718088	-1.39259	0.818657	0.941211	-1.06246	0.00417698	0.363273	-2.75275	0.7742661	0.926941	-1.07882	0.000760652	0.2602258	-3.84234	0.152244	1.4987	1.4987	0.0281695	0.504664	-1.98151	5.74407	6.33196	0.979863	1
cg01681891	KLHL6	0.0153667	0.6533329	0.526294	-1.07957	0.705582	1.06639	1.06639	0.0104759	0.579486	-1.72567	0.1436161	1.30487	1.30487	0.0209189	1.60098	1.60098	0.0101895	1.73096	1.73096	0.414465	1.15174	1.15174	0.0955187	0.73336	-1.36359	0.0809759	0.720598	-1.38774	5.13944	2.33438	0.403742	1
cg18772205	KLHL6	0.0231603	0.0863872	0.630271	-1.58662	0.617217	0.884455	-1.13064	0.00217291	0.350566	-2.85253	0.253435	0.747792	-1.33727	0.00184097	0.340335	-2.93828	0.119137	0.662244	-1.51002	0.370662	0.790314	-1.25107	0.250442	0.746296	-1.33995	0.0851214	0.628851	0.40733	0.835884	1
cg18262615	KLHL6	0.024781	0.692937	0.936385	-1.06794	0.340007	0.84971	-1.17687	0.00671436	0.558666	-1.78998	0.888149	1.02358	1.02358	0.0860754	0.730435	-1.36905	0.8309449	1.03604	1.03604	0.00344811	0.93051	1.93051	0.0015	0.601524	1.09118	1.09118	0.1515784	0.896614	-1.11531	4.97058	1.8986	0.386136	1
cg23025893	KLHL6	0.0269688	0.0743534	1.30098	1.30098	0.444218	1.10874	1.10874	0.0907852	1.27963	1.27963	0.0200594	0.689856	-1.44958	0.181129	0.828707	-1.2067	0.378661	1.12703	1.12703	0.0422175	1.363	1.363	0.566332	0.926155	-1.07973	0.0207838	0.691905	-1.44529	4.24338	1.177	0.246553	1
cg19707087	KLHL6,KLHL6	0.0155544	0.270154	0.678366	-1.47413	0.0106542	0.198744	-2.35899	0.0136864	0.458645	-2.17975	0.210012	0.351173	-2.83147	0.00348521	0.26189	-3.8184	0.215113	0.643384	-1.55426	0.195521	1.44287	1.44287	0.980851	1.00814	1.00814	0.00956155	0.292647	-1.41709	5.11879	9.26058	1.60812	1
cg17773000	KLHL7,KLHL6	0.00148908	0.216957	0.5015118	-1.10483	0.00228939	0.623237	-1.60452	0.00129318	0.633659	-1.57309	0.203187	0.902055	-1.10858	0.521225	0.906902	-1.10265	0.83225	1.01641	1.01641	0.0254425	1.22613	1.22613	0.705442	0.77128	-1.02957	0.136083	1.13117	1.13117	0.50176	0.979443	0.0829028	1
cg01601016	KLHL7,KLHL7	0.00342696	0.00284183	0.519499	-1.92493	0.92906	0.990212	-1.00988	0.988258	0.998376	-1.00163	0.235157	0.871581	-1.14734	0.109773	0.824831	-1.21237	0.00162175	0.607132	-1.64709	0.73828	1.03774	1.03774	0.753119	0.965746	-1.03547	0.0166094	1.37936	1.37936	8.22553	1.58962	0.171782	1
cg24990022	KLHL7,KLHL7	0.0208364	0.1788294	0.571226	-1.75045	0.0852	0.19952	-5.01099	0.0144586	0.807934	-1.23773	0.158894	0.32744	-3.05425	0.121436	1.13075	1.13075	0.9703864	1.00507	1.00507	0.7824	1.26356	1.26356	0.364326	1.27677	1.4984	1.4984	0.0001	0.847169	1.17434	1.1804	2.18833	0.360768	1
cg25396637	KLHL7,KLHL7	0.0169436	0.0705207	0.505958	-1.97645	0.0119553	0.347466	-2.87798	0.128692	1.73928	1.73928	0.771749	0.906609	-1.10301	0.341707	0.718761	-1.39128	0.222895	0.649395	-1.53989	0.0103461	0.194346	-5.14507	0.034726	2.44238	0.351409	0.723784	-1.38163	4.97501	8.95216	1.59949	1
cg05602783	KLHL7,KLHL7	0.0201147	0.4154983	1.551158	1.551158	0.564266	1.32756	1.32756	0.4615421	1.44287	1.44287	0.0468171	0.309151	3.109151	0.8809986	0.929503	-1.07554	0.0534597	2.98024	2.98024	0.4155051	0.665085	-1.50357	0.4949883	0.712305	-1.40372	0.00117856	0.0842023	-11.8762	5.22714	19.2926	2.87066	1
cg16224671	KLHL7,KLHL7	0.0216374	0.00393986	0.299363	-3.34043	0.0190301	0.42021	-2.37982	0.0469492	0.502494	-1.99007	0.701907	1.12076	1.12076	0.405189	0.729336	-1.2881	0.00283757	0.277203	-3.60747	0.164788	0.64184	-1.55802	0.85459	1.05586	1.05586	0.732021	0.903133	-1.10726	5.09089	9.26245	1.50821	1
cg27449745	KLHL7,KLHL7	0.0248718	0.260764	1.13768	1.13768	0.164048	0.849334	-1.17739	0.388152	1.10216	1.10216	0.790237	0.971606	-1.02975	0.0515703	0.783735	-1.27594	0.152688	1.19533	1.19533	0.0234403	0.62686	-1.59525	0.0179905	1.07474	1.07474	0.0531916	0.78539	-1.27325	4.36503	0.8361616	0.170266	1
cg13828600	KLHL7,KLHL7	0.0267559	0.00478252	0.246926	-4.04939	0.731921	0.919106	-1.08801	0.1656051	0.734703	-1.36175	0.0178413	0.399918	-2.50107	0.0213883	0.534715	-1.87015	0.455004	0.841102	-1.18892	0.014628	0.507455	-1.98116	0.0602343	1.61929	1.61929	0.612575	0.890356	-1.12315	4.29531	1.63467	0.728096	1
cg10036510	KLHL7,KLHL7	0.0275603	0.9817584	0.996106	-1.00391	0.15319	1.29823	1.29823	0.0006339757	2.446	2.446	0.66924	1.06924	1.06924	0.43083	1.14706	1.14706	0.857866	0.969873	-1.03106	0.483791	1.12911	1.12911	0.115619	0.746873	-1.33891	0.239424	1.23395	1.23395	4.21118	1.94202	0.409918	1
cg18269580	KLHL7,KLHL7	0.0448816	0.531253	1.11414	1.11414	0.00522558	0.313707	-1.87369	0.010878	0.57991	-1.7244	0.6423989	0.780993	-1.28016	0.1115861	1.24417	1.24417	0.0918373	0.994357	-1.00572	0.984205	0.728238	-1.37356	0.155329	0.771213	-1.2959	0.807369	0.959225	-1.04251	3.41009	1.57265	0.408856	1
cg16646539	KLHL8	0.0115813	0.750322	0.05109	-19.5706	0.0015207	1.28986	1.28986	0.1115381	1.24417	1.24417	0.0913073	0.984397	-1.01585	0.9835017	0.999029	-1.00098	0.608246	0.928251	-1.07729	1.575-06	0.174601	-5.77216	0.394633	0.882005	-1.13378	0.0675145	0.744343	-1.34347	19.723	6.47812	0.20296	1
cg16713292	KLHL8	0.00029482	0.577799	0.947964	-1.05489	0.000109192	0.523255	-1.91111	9.29E-05	0.515404	-1.94023	0.00145683	1.54803	1.54803	0.324583	0.907844	-1.10151	0.5256048	1.06303	1.06303	0.242655	1.12323	1.12323	0.244627	1.12263	1.12263	0.0363342	1.2602	1.2602	16.473	2.35656	0.127161	1
cg19329988	KLHL8	0.00030417	0.17131	0.715657	-1.40182	2.13E-05	0.143144	-7.08496	0.0285954	0.544237	-1.83671	0.700447	1.09159	1.09159	0.00094738	0.519324	-1.92558	0.0531158	0.601146	-1.66304	0.81E-05	0.159243	-6.27911	0.00349896	0.796991	-1.25516	0.0650671	0.611985	-1.63403	16.0205	15.6317	0.75524	1
cg02847897	KLHL8	0.00124841	0.0010756	0.0922288	-10.8426	0.00459365	0.435734	-2.29554	0.0004	0.163008	-6.13127	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.772008	1.15417	1.15417	0.0176036	0.240417	-4.15943	0.00559127	0.660008	-6.02038	0.212888	1.91063	1.91063	1.07405	42.6102	3.42882	1
cg21593076	KLHL8	0.00131122	0.00051301	0.0856666	-11.6749	0.00246146	0.27382	-3.6529	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.7672123	1.30388	1.30388	0.0011139	2.49179	2.49179	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	1
cg05767633	KLHL8	0.00414147	0.599528	0.913126	-1.09514	0.366773	0.852964	-1.17238	0.709948	0.937928	-1.06618	0.298913	0.831375	-1.20283	0.46881	1.13476	1.13476	0.1009113	0.734793	-1.36093	0.00015583	0.329351	-3.03628	0.00616775	1.84552	1.84552	0.534786	1.11385	1.11385	7.77058	1.62087	0.414197	1
cg03926751	KLHL8	0.0146919	0.0409057	0.317121	-3.15337	0.0329526	0.297026	-3.36671	0.0125819	0.22086	-4.52775	0.0293365	0.286428	-3.49128	0.0121801	0.207193	-4.82642	0.0229526	0.266048	-3.75872	0.00691047	0.182398	-5.48252	0.0315252	0.303872	-3.29086	0.00541018	0.168341	-5.94034	0.707159	0.401468	1.5e-05	1
cg03129732	KLHL8	0.0176413	0.0393203	0.314654	-3.17813	0.0104433	0.467399	-2.13995	0.0125113	0.88094	-1.13553	0.6142653	0.897145	-1.11423	0.0214002	0.467379	-2.14006	0.0752403	0.412035	-2.42705	0.0023802	0.0704493	-14.2025	0.0013686	0.0368089	-27.1648	0.0155915	0.675574	-1.48022	5.02823	2.24871	0.383787	1
cg15776494	KLK1	8.36E-06	0.00055053	0.4436824	-2.25387	0.146132	0.790325	-1.2653	5.75E-05	0.324476	-3.08189	0.000618328	0.451683	-2.21394	5.48E-07	0.123042	8.12729	1.01E-05	0.239566	4.17422	0.0116537	0.621577	-1.60881	6.26E-06	0.218158	-4.58384	0.00413896	0.559985	-1.78576	42.4963	15.3104	0.320246	1
cg09007363	KLK1	0.00157423	0.0065441	0.4715149	-2.12042	0.0026857	0.195643	-5.11355	0.0001	0.0001	-18.3123	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0019356	0.385101	-2.59672	0.1316	0.140148	-7.1353	0.0001650698	0.258915	-3.86228	0.7771341	0.904667	0.10535	9.49981	13.7714	0.624557	1
cg07987796	KLK1	0.000809293	0.934685	0.10777	1.03777	0.00875502	-1.02681	-9.93825	0.0170	0.269473	-3.72478	0.865978	1.0794	1.0794	0.0125022	1.188552	1.84138	0.2457274	0.511.05	0.0352003	2.08498	0.0509768	-1.1969	0.0015	-1.59145	-5.07845	0.00492983	1.58502	6.39078	12.4914	0.48421	2.8807	1
cg10646254	KLK1	0.00982115	0.00555129	0.281551	-3.55175	0.0124156	0.338763	-2.95191	0.0375233	0.431913	-2.31528	0.234635	0.648322	-1.54244	0.0295254	0.410044	-2.43876	0.0256704	0.397746	-2.51417	0.00094803	0.180098	-5.55253	0.0122069	0.337476	-2.96317	0.0840838	0.514333	-1.94427	5.94881	11.3934	1.70358	1
cg26415633	KLK1	0.00138901	0.0016534	0.3127	-3.19752	0.0001459	0.0001459	-7.28868	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0217004	0.0001459	-6.8522	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	1
cg19774425	KLK1	0.0194926	0.174334	0.411022	-2.43296	0.045982	0.591734	-1.69001	0.0582683	0.268205	-3.73128	0.352118	0.554783	-1.80251	0.142625	0.379273	-2.63662	0.308154	0.522548	-1.9137	0.00182613	0.0655243	-15.2615	0.00851803	0.126716	-7.89168	0.514346	0.665728	-1.50211	3.70048	2.12884	0.532986	1
cg25749040	KLK1	0.0163547	0.0026244	0.2124639	-4.70805	0.0001459	0.0001459	-7.28868	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0524667	0.0001459	-6.8522	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	1
cg24804765	KLK10,KLK10	6.95E-05	3.10E-05	0.307467	-3.25239	0.00434962	0.575406	-1.7379	2.95E-05	0.304959	-3.27913	0.913602	0.984381	-1.01587	0.000517776	0.455875	-2.19359	0.0582115	0.592245	-1.68849	3.99E-05	0.320226	-3.1228	0.000143551	0.380583	-2.58677	0.472405	0.899409	-1.11184	24.3951	5.42913	0.296202	1
cg19356189	KLK10,KLK10	0.00606312	0.0064477	0.358324	-2.79077	0.103723	0.625314	-1.5992	0.0134077	0.438356	-2.28125	0.306626	0.31903	3.31903	0.00396311	0.347036	-2.88155	0.0542235	0.559927	-1.78595	0.00796426	0.240646	-4.10431	0.0943743	0.615309	-1.6252	0.518361	1.1862	1.1862	7.97883	8.37736	0.816626	1
cg16698314	KLK10,KLK10	0.0200934	0.1223884	0.5048	-1.98107	0.0400642	0.61233	-1.63247	-0.44974	0.914437	0.665675	-1.05899	0.835837	-1.20156	0.0654403	0.717207	-1.39429	0.3125	0.736464	-1.35807	0.0183	0.0179372	0.3252341	-3.07444	0.8888464	1.1697	1.1697	0.413129	1.01745	2.23553	1.16977	4.63129	1.04745	1
cg27385959	KLK10,KLK10,KLK10	5.03E-05	0.000110469	0.2432842	-4.11042	0.0110414	0.515677	-1.9392	0.000200687	0.273465	-3.65678	0.85629	1.03838	1.03838	0.000128209	0.25066	-3.98947	0.1009113	0.734793	-1.36093	0.000155813	0.329351	-3.03628	0.00616775	1.84552	1.84552	0.534786	1.11385	1.11385	7.77058	1.62087	0.414197	1
cg19135407	KLK10,KLK10,KLK10	0.0146919	0.0409057	0.317121	-3.15337	0.0329526	0.297026	-3.36671	0.0125819	0.22086	-4.52775	0.0293365	0.286428	-3.49128	0.0121801	0.207193	-4.82642	0.0229526	0.266048	-3.75872	0.00691047	0.182398	-5.48252	0.0315252	0.303872	-3.29086	0.00541018	0.168341	-5.94034	0.707159	0.401468	1.5e-05	1
cg03726081	KLK10,KLK10,KLK10	0.00555937	0.0230503	0.28819	-3.46993	0.297574	0.796426	-1.37088	0.822-05	0.128429	-7.78641	0.0012487	0.25224	-3.96447	0.0955945	0.585724	-1.70729	0.0643418	0.544867	-1.83531	0.00103385	0.372347	-1.74362	0.0224145	0.228385	-5.32317	0.00806559	0.370188	-2.69478	0.738756	18.7539	1.2014	1
cg21684183	KLK10,KLK10,KLK10	0.00565765	0.00762029	0.449466	-2.22486	0.0191893	0.516632	-1.93561	0.0927576	0.649781	-1.53898	0.997751	1.00066	1.00066	2.56E-05	0.142907	-6.99753	0.0018706	0.354619	-2.81992	0.0194429	1.93187	1.93187	0.00841392	0.456386	-2.19113	0.129472	0.682626	-1.46493	13.8081	11.8801	0.764774	1
cg20593218	KLK10,KLK10,KLK10	0.00572636	0.0054641	0.4715149	-2.12042	0.0026857	0.195643	-5.11355	0.0001	0.0001	-18.3123	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0019356	0.385101	-2.59672	0.1316	0.140148	-7.1353	0.0001650698	0.258915	-3.86228	0.7771341	0.904667	0.10535	9.49981	13.7714	0.624557	1
cg15490237	KLK10,KLK10,KLK10	0.00720517	0.00686594	0.374031	-2.67357	0.0052781	0.353861	-2.81009	0.0039416	0.336365	-2.97296	0.029279	0.2574	0.2574	0.00110914	0.254483	-3.92953	0.625438	0.870913	-1.14822	0.000257626	0.184524	-5.41934	0.0211596	0.217863	0.217863	0.188298	0.675948	-1.4794	12.906	16.1327	1.11112	1
cg24790676	KLK10,KLK10,KLK10	0.00216468	0.0032541	0.3189	-3.13507	0.0001459	0.0001459	-7.28868	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0906317	0.0001459	-6.8522	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	1
cg11846956	KLK10,KLK10,KLK10	0.00084471	0.0736417	1.58592	1.58592	0.875433	0.13094	1.03694	0.26291	1.30985	1.30985	0.256591	1.31499	1.31499	0.404242	1.21818	1.21818	0.7314841	1.08279	1.08279	0.115366	0.67311	-1.48564	0.000173079	0.43651	4.36951	0.256273	1.31525	1.31525	5.94026	0.03099	0.752828	1
cg25059218	KLK10,KLK10,KLK10	0.00572636	0.0054641	0.4715149	-2.12042	0.0026857	0.195643	-5.11355	0.0001	0.0001	-18.3123	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0019356	0.385101	-2.59672	0.1316	0.140148	-7.1353	0.0001650698	0.258915	-3.86228	0.7771341	0.904667	0.10535	9.49981	13.7714	0.624557	1
cg07987796	KLK1	0.000809293	0.934685	0.10777	1.03777	0.00875502	-1.02681	-9.93825	0.0170	0.269473	-3.72478	0.865978	1.0794	1.0794	0.0125022	1.188552	1.84138	0.2457274	0.511.05	0.0352003	2.08498	0.0509768	-1.1969	0.0015	-1.59145	-5.07845	0.00492983	1.58502	6.39078	12.4914	0.48421	2.8807	1
cg10646254	KLK1	0.00982115	0.00555129	0.281551	-3.55175	0.0124156	0.338763	-2.95191	0.0375233	0.431913	-2.31528	0.234635	0.648322	-1.54244	0.0295254	0.410044	-2.43876	0.0256704	0.397746	-2.51417	0.00094803	0.180098	-5.55253	0.0122069	0.337476	-2.96317	0.0840838	0.514333	-1.94427	5.94881	11.3934	1.70358	1
cg26415633	KLK1	0.00138901	0.0016534	0.3127	-3.19752	0.0001459	0.0001459	-7.28868	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0217004	0.0001459	-6.8522	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	1
cg19774425	KLK1	0.0194926	0.174334	0.411022	-2.43296	0.045982	0.591734	-1.69001	0.0582683	0.268205	-3.73128	0.352118	0.554783	-1.80251	0.142625	0.379273	-2.63662	0.308154	0.522548	-1.9137	0.00182613	0.0655243	-15.2615	0.00851803	0.126716	-7.89168	0.514346	0.665728	-1.50211	3.70048	2.12884	0.532986	1
cg25749040	KLK1	0.0163547	0.0026244	0.2124639	-4.70805	0.0001459	0.0001459	-7.28868	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0524667	0.0001459	-6.8522	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	0.0001459	-6.85224	0.0001459	1
cg24804765	KLK10,KLK10	6.95E-05	3.10E-05	0.307467	-3.25239	0.00434962	0.575406	-1.7379	2.95E-05	0.304959	-3.27913	0.913602	0.984381	-1.01587	0.000517776	0.455875	-2.19359	0.0582115	0.592245	-1.68849	3.99E-05	0.320226	-3.1228	0.000143551	0.380583	-2.58677	0.472405	0.899409	-1.11184	24.3951	5.42913	0.296202	1
cg19356189	KLK10,KLK10	0.00606312	0.0064477	0.358324	-2.79077	0.103723	0.625314	-1.5992	0.0134077	0.438356	-2.28125	0.306626	0.31903	3.31903	0.00396311	0.347036	-2.88155	0.0542235	0.559927	-1.78595	0.00796426	0.240646	-4.10431	0.0943743	0.615309	-1.6252	0.518361	1.1862	1.1862	7.97883	8.37736	0.816626	1
cg16698314	KLK10,KLK10	0.0200934	0.1223884	0.5048	-1.98107	0.0400642	0.61233	-1.63247	-0.44974	0.914437	0.665675	-1.05899	0.835837	-1.20156	0.0654403	0.717207	-1.39429	0.3125	0.736464	-1.35807	0.0183	0.0179372	0.3252341	-3.07444	0.8888464	1.1697	1.1697	0.413129	1.01745	2.23553	1.16977	4.63129	1.04745	1
cg27385959	KLK10,KLK10,KLK10	5.03E-05	0.000110469	0.2432842	-4.11042	0.0110414	0.515677	-1.9392	0.000200687	0.273465	-3.65678	0.85629	1.03838	1.03838	0.000128209	0.25066	-3.98947	0.1009113	0.734793	-1.36093	0.000155813	0.329351	-3.03628	0.00616775	1.84552	1.84552	0.534786	1.11385	1.11385	7.77058	1.62087	0.414197	1
cg03926751	KLK10,KLK10,KLK10	0.0146919	0.0409057	0.317121	-3.15337	0.0329526	0.297026	-3.36671	0.0125819	0.22086	-4.52775	0.0293365	0.286428	-3.49128	0.0121801	0.207193	-4.82642	0.0229526	0.266048	-3.75872	0.00691047	0.182398	-5.48252	0.0315252	0.303872	-3.29086	0.00541018	0.168341	-5.94034	0.707159	0.401468	1.5e-05	1
cg03129732	KLK10,KLK10,KLK10	0.0176413	0.0393203	0.314654	-3.17813	0.0104433	0.467399	-2.13995	0.0125113	0.88094	-1.13553	0.6142653	0.897145	-1.11423	0.0214002	0.467379	-2.14006	0.0752403	0.412035	-2.42705	0.0023802	0.0704493	-14.2025	0.0013686	0.0368089	-27.1648	0.0155915	0.675574	-1.48022	5.02823	2.24871	0.383787	1
cg15776494	KLK1	8.36E-06	0.00055053	0.4436824	-2.25387	0.146132	0.790325	-1.2653	5.75E-05	0.324476	-3.08189	0.000618328	0.451683	-2.21394	5.48E-07	0.123042	8.12729	1.01E-05	0.239566	4.17422	0.0116537	0.621577	-1.60881	6.26E-06	0.218158	-4.58384	0.00413896	0.559985	-1.78576	42.4963	15.3104	0.320246	1
cg09007363	KLK1	0.00157423	0.0065441	0.4715149	-2.12042	0.0026857	0.195643	-5.11355	0.0001	0.0001	-18.3123	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0019356	0.385101	-2.59672	0.1316	0.140148	-7.1353	0.0001650698	0.258915	-3.86228	0.7771341	0.904667	0.10535	9.49981	13.7714	0.624557	1
cg07987796	KLK1	0.000809293	0.934685	0.10777	1.03777	0.00875502	-1.02681	-9.93825	0.0170	0.269473	-3.72478	0.865978	1.0794	1.0794	0.0125022	1.188552	1.84138	0.2457274	0.511.05	0.0352003	2.08498	0.0509768	-1.1969	0.0015	-1.59145	-5.07845	0.00492983	1.58502	6.39078	12.4914	0.48421	2.8807	1
cg10646254	KLK1	0.00982115	0.00555129	0.281551	-3.55175	0.0124156	0.338763	-2.95191	0.0375233	0.431913	-2.31528	0.234635	0.648322	-1.54244	0.0295254	0.410044	-2.43876	0.0256704	0.397746	-2.51417	0.00094803	0.180098	-5.55253	0.0122069	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15153394	KLK8;KLK8;KLK8;KLK8;KLK8;KLK8;KLK8;K K8	2.82E-07	0.0117958	0.721549	-1.38591	0.0868826	0.821831	-1.21679	5.50E-05	0.458782	-2.17968	0.00357197	0.66391	-1.50623	4.51E-06	0.334754	-2.98727
cg27068996	KLK9	8.31E-07	0.00932859	0.55794	-1.79231	0.124012	0.744724	-1.34278	1.74E-06	0.120661	-8.28765	0.000415713	0.37126	-2.69353	1.89E-07	0.0596473	-16.7652
cg14591460	KLK9	4.86E-06	0.179121	1.22574	1.22574	0.00474575	0.585734	-1.70726	0.000160268	0.398627	-2.50861	1.92E-05	0.289796	-3.4507	7.45E-06	0.244967	-4.08219
cg20670939	KLK9	0.000150721	0.000557135	0.311766	-3.20754	0.984876	1.00413	1.00413	?	?	?	0.00245359	0.399671	-2.50206	0.000188039	0.253786	-3.94033
cg20103311	KLK9	0.000155948	0.00113559	0.354748	-2.8189	0.00170596	0.379201	-2.63712	0.000879012	0.339741	-2.94342	0.00303983	0.415211	-2.40842	0.00156708	0.374037	-2.67353
cg17031773	KLK9	0.000225815	0.021768	0.409579	-2.44153	0.0171972	0.390249	-2.56247	0.000648037	0.183481	-5.45015	0.779412	0.913007	-1.09528	0.000410278	0.162241	-6.16367
cg01144251	KLK9	0.000368062	0.125801	0.718056	-1.39265	0.865816	0.966752	-1.03439	0.00223243	0.424793	-2.35409	1.49E-05	0.165817	-6.03074	0.508462	0.874485	-1.14353
cg18504937	KLK9	0.00131131	0.485605	1.26877	1.26877	0.00111677	0.199328	-5.01685	0.0144983	0.363523	-2.75086	0.0652687	0.498946	-2.00423	0.0042785	0.276953	-3.61073
cg26749518	KLK9;KLK8;KLK8;KLK8;KLK8	3.83E-05	0.000312356	7.07055	7.07055	0.000851003	5.35113	5.35113	0.00819193	3.10183	3.10183	0.782797	0.911682	-1.09687	0.000221758	0.127741	-7.82834
cg25134071	KLK9;KLK8;KLK8;KLK8;KLK8	0.00141085	0.405593	1.18313	1.18313	0.0487615	1.56017	1.56017	0.60143	0.901084	-1.10977	0.335386	1.21692	1.21692	4.10E-05	0.213097	-4.69271
cg26651782	KLK9;KLK8;KLK8;KLK8;KLK8	0.00147182	0.00453956	3.68945	3.68945	0.00634076	0.293144	-3.41129	0.855017	1.06519	1.06519	0.318985	0.700739	-1.42707	0.266318	0.670372	-1.49171
cg19149785	KLK9;KLK8;KLK8;KLK8;KLK8	0.0139265	0.446884	0.790251	-1.26542	0.00294189	0.289372	-3.45576	0.0611211	0.52688	-1.89796	0.158718	1.58002	1.58002	0.480745	1.24313	1.24313
cg22898362	KLK9;KLK8;KLK8;KLK8;KLK8	0.024232	0.0598258	1.90493	1.90493	0.00286938	3.47187	3.47187	0.31961	0.7319	-1.36631	0.350975	1.33818	1.33818	0.486825	0.807022	-1.23912
cg08596858	KLKB1	0.00167541	0.00113923	1.74614	1.74614	0.00202714	0.602301	-1.6603	0.00192027	0.599519	-1.668	0.936176	0.990714	-1.00937	0.819893	1.02692	1.02692
cg02658551	KLKB1	0.047057	0.384912	0.687834	-1.45384	0.597006	0.799209	-1.25124	0.0895636	0.455553	-2.19513	0.490703	0.745229	-1.34187	0.0110032	0.261856	-3.81889
cg01408476	KLKBL4	0.000723007	0.000262313	0.214426	-4.66362	0.0137192	0.457427	-2.18614	0.294058	0.756293	-1.32224	0.0335474	0.528717	-1.89137	5.36E-05	0.144533	-6.91883
cg03946012	KLKBL4	0.00414151	0.0349458	0.477738	-2.0932	0.110199	0.592587	-1.68751	0.935032	1.02481	1.02481	0.0922215	1.74553	1.74553	0.000559884	0.200225	-4.99437
cg03404742	KLKBL4;CCDC113;CCDC113	0.0146518	0.0342358	0.433798	-2.30522	0.00645949	0.302036	-3.31086	0.0605469	0.488993	-2.04502	0.0407556	0.449994	-2.22225	0.00271351	0.246575	-4.05556
cg08226756	KLKP1	9.47E-07	0.063283	0.798202	-1.25282	0.162893	0.851515	-1.17438	1.23E-05	0.369509	-2.7063	0.0714321	1.24266	1.24266	2.80E-05	0.410867	-2.43388
cg15030465	KLKP1	0.000197801	0.265542	0.825357	-1.2116	1.76E-05	0.233707	-4.27887	0.000791329	0.432215	-2.31367	0.612598	0.918997	-1.08814	0.000315084	0.380683	-2.62686
cg15810285	KLKP1	0.00486786	0.0203239	0.334383	-2.99058	0.00156724	0.168779	-5.92491	0.00577978	0.242633	-4.12144	0.010526	0.283498	-3.52737	0.00255782	0.194272	-5.14742
cg03547958	KLKP1	0.00872394	0.0149184	0.131645	-7.59619	0.0047607	0.0789737	-12.6624	0.0243065	0.16231	-6.16103	0.0752497	0.261434	-3.82505	0.0111461	0.11592	-8.62666
cg14620065	KLRA1	0.00118104	0.0388501	0.667397	-1.49836	0.333918	0.844936	-1.18352	0.914992	1.01822	1.01822	0.353027	0.85081	-1.17535	0.0698395	0.709817	-1.40881
cg06611310	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.000984857	0.0590189	1.39345	1.39345	0.869806	0.974796	-1.02586	1.65E-05	0.251918	-3.96954	0.642123	1.07555	1.07555	0.34643	1.16286	1.16286
cg11692772	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.00146767	0.0555401	1.19671	1.19671	0.000312073	1.62233	1.62233	0.039083	0.820665	-1.21852	0.0248303	0.801661	-1.24741	0.905085	1.00992	1.00992
cg24076392	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.00391953	0.00153534	1.78914	1.78914	0.0930526	0.789938	-1.26592	0.124581	0.808802	-1.2364	0.389756	1.11904	1.11904	0.561026	1.0779	1.0779
cg06501803	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1;KLRA Q1	0.00518507	0.0881699	1.27666	1.27666	0.000103535	2.43852	2.43852	0.828061	0.97216	-1.02864	0.575018	1.07631	1.07631	0.0176708	1.45442	1.45442
cg12210283	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1;KLRA Q1;KLRAQ1;KLRAQ1	0.0276037	0.333462	1.35646	1.35646	0.75031	0.907037	-1.10249	0.657286	1.14621	1.14621	0.0488247	0.502794	-1.98889	0.176221	1.55184	1.55184
cg09668716	KLRB1	0.000695678	0.126892	0.710084	-1.40828	0.370762	1.20996	1.20996	0.967003	0.991459	-1.00861	0.926393	0.981021	-1.01935	8.86E-06	0.135551	-7.37731
cg13995453	KLRB1	0.00507295	0.748874	0.859386	-1.16362	0.516241	0.733046	-1.36417	0.00528536	0.176443	-5.66754	0.0119662	0.227781	-4.39018	0.00184037	0.12405	-8.06127
cg20047055	KLRC1;KLRC1	0.000347721	0.668781	1.07403	1.07403	0.538282	0.901771	-1.10893	0.63326	0.923334	-1.08303	0.860448	0.971223	-1.02963	0.000398655	0.392549	-2.54745
cg22969763	KLRC1;KLRC1	0.00188105	0.153814	0.666638	-1.50006	0.87578	1.04242	1.04242	0.223981	0.712296	-1.40391	0.973738	1.00878	1.00878	0.000673974	0.251367	-3.97825
cg21125628	KLRC1;KLRC1;KLRC1;KLRC1;KLRC1;KLRC 1	0.0060318	0.417859	0.798303	-1.25266	0.00639664	0.380838	-2.62579	0.0250564	0.484191	-2.0653	0.0774419	0.586206	-1.70588	0.000157105	0.17209	-5.81091
cg12510108	KLRC2	0.0337162	0.0663947	0.496776	-2.01298	0.00397309	0.26819	-3.72871	0.0426026	0.452352	-2.21067	0.440041	0.765222	-1.30681	0.0135498	0.354065	-2.82434
cg16084090	KLRC2	0.0443305	0.0362825	0.209904	-4.76408	0.0139203	0.142516	-7.01678	0.0255897	0.182523	-5.47877	0.480331	0.631228	-1.58421	0.110375	0.32766	-3.05195
cg03258272	KLRC3;KLRC3	2.93E-06	0.000168458	0.429388	-2.3289	1.04E-06	0.184878	-5.40898	3.28E-06	0.234079	-4.27206	0.00295992	0.583506	-1.71378	0.717144	1.04922	1.04922
cg10195814	KLRC4	7.18E-07	1.62E-07	0.0643664	-15.536	8.29E-07	0.108419	-9.2235	3.60E-06	0.159945	-6.25213	0.490817	1.12536	1.12536	7.83E-05	0.299498	-3.33892
cg05377120	KLRD1	0.000177948	0.19679	0.74676	-1.33912	0.000413004	0.301367	-3.31821	0.000969606	0.349688	-2.85969	0.000957935	0.34898	-2.8655	4.86E-05	0.195012	-5.12788
cg00059699	KLRD1	0.00117557	0.102791	0.780907	-1.28056	0.425882	1.11924	1.11924	0.0252232	0.691623	-1.44587	0.00040294	0.458637	-2.18038	8.46E-05	0.375657	-2.66201
cg05589762	KLRD1;KLRD1;KLRD1	0.00041548	0.831302	1.02924	1.02924	0.0239969	0.695019	-1.43881	7.54E-05	0.378902	-2.6392	0.595459	0.930154	-1.07509	0.000121813	0.403936	-2.47564
cg15241779	KLRD1;KLRD1;KLRD1	0.00154616	0.892572	0.976971	-1.02357	0.73064	0.942152	-1.0614	0.901381	1.02161	1.02161	0.000150756	0.325697	-3.07034	0.000208706	0.343048	-2.91505
cg09261289	KLRD1;KLRD1;KLRD1	0.00386802	0.833361	0.967063	-1.03406	0.0105713	0.599762	-1.66733	0.58355	0.915754	-1.092	0.000345649	0.400405	-2.49747	0.234388	0.820245	-1.21915
cg13828440	KLRD1;KLRD1;KLRD1	0.0166516	0.609755	1.11	1.11	0.321878	1.23055	1.23055	0.00637505	0.486899	-2.05382	0.899646	1.02591	1.02591	0.00501942	0.471186	-2.12231
cg01940139	KLRD1;KLRD1;KLRD1;KLRD1;KLRD1	0.00250011	0.132049	0.603348	-1.65742	0.387857	0.759491	-1.31667	0.00495397	0.314554	-3.17911	0.911556	0.966052	-1.03514	4.70E-05	0.092015	-10.8678
cg21474838	KLRD1;KLRD1;KLRD1;KLRD1;KLRD1	0.00388745	0.0121289	0.519898	-1.92345	0.0799432	0.666003	-1.5015	0.0342422	0.596432	-1.67664	0.578174	0.889131	-1.12469	9.22E-05	0.232133	-4.30788
cg21375452	KLRF1	0.000828481	0.45991	0.809936	-1.23466	0.0890518	0.591317	-1.69114	0.820213	1.06585	1.06585	0.580733	0.855308	-1.16917	0.00046041	0.213373	-4.68664
cg00443307	KLRG1	0.00265482	0.157166	0.570022	-1.75432	0.00810439	0.283777	-3.5239	0.0835608	0.490878	-2.03717	0.0918437	0.501814	-1.99277	0.00010681	0.0788747	-12.6783
cg26806779	KLRG1	0.0030107	0.0413279	0.607101	-1.64717	0.394953	1.20293	1.20293	0.142077	0.715543	-1.39754	0.000633073	0.328439	-3.0447	0.000602395	0.325629	-3.07098
cg14913610	KLRG1	0.00657856	0.00798148	0.327226	-3.05599	0.354679	1.36726	1.36726	0.00198454	0.238115	-4.19965	0.0743667	0.520406	-1.92158	0.00131158	0.215104	-4.6489
cg02035242	KLRG2	0.00726569	0.000297897	0.265401	-3.76789	0.140113	0.699306	-1.42999	0.0282414	0.557826	-1.79267	0.0240398	0.545283	-1.83391	0.00311249	0.402047	-2.48727
cg05224190	KLRG2	0.0440544	0.810394	0.930817	-1.07432	0.720081	1.11331	1.11331	0.109131	1.68391	1.68391	0.81392	1.07286	1.07286	0.658233	0.87565	-1.14201
cg15368872	KLRK1	6.24E-05	0.00103162	1.89771	1.89771	0.455679	1.1053	1.1053	0.000145283	0.422373	-2.36758	0.0115387	0.659508	-1.51628	0.00068274	0.504721	-1.98129
cg21584184	KLRK1	0.0234022	0.0655232	0.677733	-1.47551	0.00159237	0.426254	-2.34602	0.109877	0.720381	-1.38815	0.128174	0.733813	-1.36275	0.709876	1.07286	1.07286
cg07787634	KMO	0.00447681	0.594626	0.790568	-1.26491	0.000564806	0.096511	-10.3615	0.00501597	0.19704	-5.07511	0.176555	0.533339	-1.87498	0.00427782	0.187842	-5.32363
cg18087514	KMO	0.0128333	0.0210475	0.20693	-4.83255	0.0219001	0.209892	-4.76436	0.0122785	0.170246	-5.87386	0.0466498	0.274381	-3.64457	0.00417861	0.113189	-8.83478
cg26660631	KNCN	0.00071943	0.045073	0.808078	-1.2375	0.000316646	0.582384	-1.71708	0.737947	0.969362	-1.03161	0.348386	1.09359	1.09359	0.00170524	0.660227	-1.51463
cg26191882	KNCN	0.00234009	0.0288418	0.75091	-1.33172	0.00655939	0.675389	-1.48063	0.00997236	0.696511	-1.43573	0.00746147	0.681875	-1.46654	0.440222	1.09143	1.09143
cg12812068	KNCN	0.0430195	0.0228763	2.19712	2.19712	0.346771	1.32327	1.32327	0.943144	0.97959	-1.02083	0.0140294	2.40342	2.40342	0.264114	0.714244	-1.40008
cg20064558	KNDC1	2.09E-08	0.00130458	0.714725	-1.39914	4.69E-06	0.471205	-2.12222	1.25E-06	0.408428	-2.44841	0.0397344	0.843169	-1.186	7.98E-08	0.279011	-3.58409
cg20694495	KNDC1	2.05E-07	0.00866536	0.765148	-1.30694	2.28E-06	0.397268	-2.51719	1.49E-05	0.487273	-2.05224	0.000166665	0.598722	-1.67023	4.91E-09	0.13164	-7.5965
cg27570873	KNDC1	2.13E-06	1.76E-06	0.237989	-4.20188	0.181217	0.843038	-1.18619	0.00471477	0.636572	-1.57091	0.0549827	0.769699	-1.29921	7.68E-08	0.116402	-8.59091
cg07572317	KNDC1	3.12E-06	0.831398	0.960439	-1.04119	0.128607	0.732758	-1.36471	4.22E-05	0.228848	-4.36971	0.637072	0.913958	-1.09414	0.00072584	0.37793	-2.64599
cg12543219	KNDC1	5.29E-06	0.000149234	0.370971	-2.69563	0.0704256	1.36036	1.36036	1.80E-05	0.26364	-3.79305	0.0120598	1.61034	1.61034	0.000138898	0.367157	-2.72363
cg07087457	KNDC1	9.72E-06	0.869387	1.028	1.028	2.78E-06	0.151704	-6.59178	0.00341151	0.512932	-1.94957	0.505345	1.12008	1.12008	1.16E-06	0.120615	-8.29083
cg26275825	KNDC1	1.88E-05	0.000250989	0.0619739	-16.1358	0.262627	1.71238	1.71238	0.146085	0.487431	-2.05157	0.0924309	0.426189	-2.34638	3.83E-05	0.0263612	-37.9345
cg02233518	KNDC1	3.64E-05	0.24009	0.786397	-1.27162	0.328838	0.821289	-1.2176	0.00359657	0.46295	-2.16006	0.73093	0.934786	-1.06976	3.14E-05	0.204921	-4.87993
cg07669973	KNDC1	4.77E-05	0.0379741	0.657849	-1.52011	0.00965327	1.76842	1.76842	0.00668335	0.542033	-1.84491	0.80508	0.957876	-1.04398	6.97E-06	0.176922	-5.65222
cg15750941	KNDC1	5.47E-05	0.607317	0.813558	-1.22917	0.0930315	2.08663	2.08663	0.00291677	0.196316	-5.09383	0.876593	1.06381	1.06381	0.000120954	0.0690276	-14.4869
cg17909892	KNDC1	5.57E-05	0.000859643	0.67899	-1.47278	0.182728	1.11558	1.11558	0.104164	0.871601	-1.14731	0.000131422	0.598502	-1.67084	2.48E-05	0.522925	-1.91232
cg00357546	KNDC1	6.70E-05	0.000212003	0.205109	-4.87546	0.0046437	0.381546	-2.62092	0.00776396	0.416928	-2.3985	0.840893	1.05278	1.05278	3.86E-06	0.0636606	-15.7083
cg10458494	KNDC1	0.000242528	0.0237002	1.80806	1.80806	0.000268452	3.71098	3.71098	6.59E-05	4.98133	4.98133	0.000611172	3.18292	3.18292	0.000156086	4.13602	4.13602
cg18785679	KNDC1	0.000296339	0.00144785	0.361319	-2.76764	0.305988	0.791021	-1.26419	0.000312838	0.27454	-3.64246	0.0577903	1.60715	1.60715	2.52E-05	0.157206	-6.36109
cg22775138	KNDC1	0.000323048	0.00234303	0.225317	-4.4382	0.130224	0.563547	-1.77447	0.943118	0.975272	-1.02535	0.748041	0.893071	-1.11973	0.000650155	0.159661	-6.26329
cg11373323	KNDC1	0.000389244	0.746178	0.943673	-1.05969	0.0221481	1.63175	1.63175	0.9374	0.986076	-1.01412	0.00816085	0.546416	-1.83011	0.177512	1.29152	1.29152
cg20313246	KNDC1	0.000486845	0.817612	1.03539	1.03539	0.00552193	0.577489	-1.73164	0.00100306	0.47938	-2.08603	0.417997	1.13269	1.13269	5.71E-05	0.324821	-3.07862
cg00648020	KNDC1	0.000519634	0.000401603	0.541727	-1.84595	0.000246437	1.9336	1.9336	0.0118939	1.40759	1.40759	0.0774279	0.807544	-1.23832	0.189446	1.16342	1.16342
cg19293144	KNDC1	0.000559824	0.616693	0.927046	-1.0787	0.00050452	0.442133	-2.26176	7.72E-05	0.341432	-2.92884	0.00747543	0.596344	-1.67688	0.0385873	0.697918	-1.43283
cg11666040	KNDC1	0.000588958	0.0231883	0.441593	-2.26453	0.010173	0.376804	-2.6539	0.171018	0.6447	-1.55111	0.265231	0.704928	-1.41859	0.20855	1.49071	1.49071
cg18740861	KNDC1	0.0011238	0.191979	0.622104	-1.60745	0.217008	1.56266	1.56266	0.0196808	0.379742	-2.63337	0.0014226	0.204691	-4.88541	0.000139315	0.104197	-9.59717
cg08688629	KNDC1	0.0011825	0.0474332	0.690382	-1.44847	0.26564	0.827357	-1.20867	0.00765934	0.571202	-1.75069	0.396654	1.15236	1.15236	0.0248096	0.646296	-1.54728
cg06433985	KNDC1	0.00139754	0.0208606	0.399227	-2.50484	0.137938	1.69466	1.69466	0.180824	0.625511	-1.59869	0.00443528	3.50337	3.50337	0.0164776	0.379997	-2.6316
cg09979641	KNDC1	0.00178346	0.0667402	0.424418	-2.35617	0.0200723	3.22047	3.22047	0.591891	0.798014	-1.25311	0.627347	0.815487	-1.22626	0.0178069	0.300848	-3.32394
cg17755480	KNDC1	0.00190284	0.492327	0.628789	-1.59036	0.0356882	0.196629	-5.08573	0.00709741	0.0988422	-10.1171	0.547293	1.49959	1.49959	0.00209614	0.0561621	-17.8056
cg12955583	KNDC1	0.00209398	0.0693364	0.788294	-1.26856	0.903565	1.01429	1.01429	0.00230967	1.64618	1.64618	0.000347144	0.509829	-1.96144	0.802376	0.971067	-1.0298
cg05441107	KNDC1	0.00238624	0.0897926	0.719806	-1.38926	0.019475	0.608659	-1.64296	0.0868319	0.717148	-1.39441	0.542564	0.897301	-1.11445	0.00477719	0.517617	-1.93193
cg13612253	KNDC1	0.00260558	0.589171	0.937767	-1.06636	0.00118448	1.75139	1.75139	0.000675785	0.541988	-1.84506	0.0225679	0.724792	-1.37971	0.462254	0.915584	-1.0922
cg15647050	KNDC1	0.00290296	0.00828144	0.571149	-1.75086	0.460025	1.13292	1.13292	0.596269	0.915116	-1.09276	0.405656	1.1516	1.1516	0.981534	1.00385	1.00385
cg04939649	KNDC1	0.00324754	0.0022576	0.276556	-3.61591	0.181959	0.653071	-1.53123	0.114362	0.596621	-1.67611	0.00843061	0.363584	-2.7504	0.659282	1.14275	1.14275
cg19817820	KNDC1	0.0032982	0.645081	1.10236	1.10236	0.064049	1.5485	1.5485	0.378817	1.2089	1.2089	0.844142	0.959486	-1.04222	0.614723	0.898851	-1.11253
cg25993216	KNDC1	0.00345789	0.00838795	0.404866	-2.46995	0.0103565	0.420176	-2.37995	0.0199041	0.470199	-2.12676	0.300837	0.749872	-1.33356	0.00996035	0.417315	-2.39627
cg04899563	KNDC1	0.00492453	0.00592149	0.202738	-4.93248	0.0027402	0.159958	-6.25166	0.0227818	0.298755	-3.34722	0.375958	0.668446	-1.49601	0.000890076	0.110077	-9.08453
cg01077354	KNDC1	0.00521035	0.55931	0.820305	-1.21906	0.151027	1.67573	1.67573	0.061175	0.492733	-2.0295	0.367782	1.36392	1.36392	0.0594628	0.489824	-2.04155
cg10614768	KNDC1	0.00549454	0.0105259	0.230108	-4.34579	0.260015	0.584911	-1.70966	0.0146798	0.253803	-3.94006	0.944807	0.968891	-1.03211	0.00998789	0.226542	-4.41419
cg23781276	KNDC1	0.00613983	0.124508	2.03519	2.03519	0.000332606	11.8726	11.8726	0.00183277	6.62781	6.62781	0.0560022	2.52151	2.52151	0.147173	1.94376	1.94376
cg02393606	KNDC1	0.00630256	0.673413	0.847547	-1.17987	0.11124	0.508158	-1.96789	0.0387312	0.392977	-2.54468	0.821108	1.0924	1.0924	0.00702846	0.256718	-3.89532
cg14099938	KNDC1	0.00650441	0.734355	1.06142	1.06142	0.0777809	1.40922	1.40922	0.00815068	0.552846	-1.80882	0.0220664	1.61682	1.61682	0.00952861	1.77658	1.77658
cg24723559	KNDC1	0.00677236	0.000606	0.304329	-3.28592	0.859602	0.960937	-1.04065	0.422319	0.83155	-1.20257	0.884964	1.03312	1.03312	0.670795	1.10101	1.10101
cg06109115	KNDC1	0.00745065	0.744638	0.932566	-1.07231	0.38968	0.828369	-1.20719	0.564295	1.13257	1.13257	0.761365	1.06723	1.06723	0.216729	1.32003	1.32003
cg12448312	KNDC1	0.00793643	0.00631348	0.173698	-5.75711	0.0555177	0.343693	-2.90957	0.11964	0.435585	-2.29576	0.469138	1.43686	1.43686	0.00594905	0.17031	-5.87163
cg23350754	KNDC1	0.00865484	0.111697	1.55261	1.55261	0.00144317	3.22026	3.22026	0.00139835	3.23981	3.23981	0.00898295	2.32508	2.32508	0.141824	1.49351	1.49351
cg27544001	KNDC1	0.00901113	0.00771343	0.235146	-4.25268	0.0137195	0.275625	-3.62812	0.368214	1.47824	1.47824	0.382567	1.46036	1.46036	0.0362353	0.357085	-2.80045
cg18139178	KNDC1	0.00909961	0.308369	0.794906	-1.25801	0.0128641	0.510457	-1.95903	0.795495	0.945023	-1.05817	0.124203	0.695991	-1.4368	0.0128615	0.510443	-1.95908
cg14636714	KNDC1	0.00931539	0.00464193	0.20819	-4.8033	0.191293	0.5618	-1.77999	0.0774442	0.441306	-2.266	0.545048	0.774706	-1.29081	0.0129423	0.276465	-3.61709
cg25202411	KNDC1	0.00973045	0.00242273	0.306455	-3.26312	0.175726	0.668159	-1.49665	0.0128202	0.420761	-2.37665	0.0500418	0.534822	-1.86978	0.00791355	0.38523	-2.59585
cg17834185	KNDC1	0.00996157	0.773929	0.960168	-1.04148	0.438248	1.11805	1.11805	0.0816211	0.761563	-1.31309	0.140218	1.25102	1.25102	0.292735	0.857226	-1.16655
cg15268727	KNDC1	0.0110053	0.607191	0.940758	-1.06297	0.0785563	1.25874	1.25874	0.00276141	1.62624	1.62624	0.540258	1.07575	1.07575	0.694932	0.954644	-1.04751
cg23709617	KNDC1	0.0129442	0.13763	0.264538	-3.78017	0.264977	0.380522	-2.62797	0.044416	0.146601	-6.82122	0.47918	1.81903	1.81903	0.0650022	0.178482	-5.6028
cg14002159	KNDC1	0.0134145	0.492096	1.23568	1.23568	0.143747	1.61031	1.61031	0.414079	0.776288	-1.28818	0.244272	0.691103	-1.44696	0.0617895	0.528346	-1.8927
cg26072930	KNDC1	0.0147993	0.580418	0.740337	-1.35074	0.112175	2.53796	2.53796	0.259856	0.531052	-1.88305	0.0654165	0.328376	-3.04529	0.00156014	0.0864554	-11.5667
cg11716380	KNDC1	0.0153466	0.0482361	2.63422	2.63422	0.660831	1.20858	1.20858	0.2674	1.64172	1.64172	0.151597	1.93328	1.93328	0.061487	0.404991	-2.46919
cg06644457	KNDC1	0.0155772	0.0640224	2.22033	2.22033	0.00194815	5.36085	5.36085	0.00246557	5.02006	5.02006	0.0471312	2.3883	2.3883	0.234805	1.61159	1.61159
cg11116013	KNDC1	0.015981	0.25593	1.1163	1.1163	0.0240467	1.28361	1.28361	0.0324604	1.26145	1.26145	0.378044	1.08753	1.08753	0.0890147	1.19006	1.19006
cg08824220	KNDC1	0.0163331	0.794941	0.969218	-1.03176	0.0467233	1.31436	1.31436	0.0128985	0.690338	-1.44856	0.811059	0.971661	-1.02917	0.976393	1.00356	1.00356
cg13208845	KNDC1	0.0165409	0.764096	0.957847	-1.04401	0.00789647	0.61411	-1.62837	0.0485241	0.724348	-1.38055	0.275731	0.850231	-1.17615	0.0929797	1.30273	1.30273
cg04392284	KNDC1	0.0167149	0.793119	0.922739	-1.08373	0.0974797	0.573321	-1.74422	0.50201	0.811847	-1.23176	0.784235	0.919464	-1.08759	0.017771	0.414062	-2.4151
cg07356283	KNDC1	0.0183284	0.977393	1.01848	1.01848	0.844019	1.13576	1.13576	0.0149906	0.14476	-6.90799	0.574266	1.44314	1.44314	0.00779951	0.109991	-9.09161
cg01776592	KNDC1	0.0188475	0.0895959	0.549794	-1.81886	0.0844055	0.543254	-1.84076	0.159067	0.618115	-1.61782	0.313096	1.39586	1.39586	0.0230427	0.419448	-2.38409
cg19946742	KNDC1	0.0203346	0.00476785	0.227037	-4.40457	0.196882	1.71573	1.71573	0.0532852	0.419487	-2.38386	0.84088	0.923543	-1.08279	0.0472664	0.407314	-2.45511
cg03416564	KNDC1	0.0206733	0.0840791	0.53077	-1.88405	0.103629	0.554419	-1.80369	0.370127	0.737117	-1.35664	0.0844469	1.88235	1.88235	0.00508009	0.293044	-3.41245
cg00033834	KNDC1	0.0228637	0.00790558	0.261302	-3.82699	0.241702	0.617076	-1.62055	0.083756	0.47051	-2.12536	0.293912	0.651232	-1.53555	0.0338529	0.376816	-2.65382
cg02604099	KNDC1	0.0230036	0.374987	1.52987	1.52987	0.625401	1.25828	1.25828	0.786523	1.13514	1.13514	0.63635	1.24906	1.24906	0.0446766	0.340859	-2.93377
cg12768979	KNDC1	0.0237969	0.0068921	0.244277	-4.09371	0.0793699	2.19175	2.19175	0.130823	0.518205	-1.92974	0.33684	1.49034	1.49034	0.60517	0.810471	-1.23385
cg16230625	KNDC1	0.0252522	0.112358	1.45956	1.45956	0.00389996	0.4274	-2.33973	0.0793974	0.653137	-1.53107	0.743734	1.0744	1.0744	0.0101208	0.491784	-2.03341
cg27125824	KNDC1	0.0277987	0.0435612	0.239287	-4.17908	0.563185	0.697547	-1.43359	0.0644835	0.278057	-3.59638	0.183483	0.419096	-2.38609	0.0434026	0.238954	-4.18491
cg13702953	KNDC1	0.0295783	0.943368	0.961717	-1.03981	0.0330024	3.93515	3.93515	0.162592	2.26844	2.26844	0.952225	1.03347	1.03347	0.885561	1.08234	1.08234
cg00161878	KNDC1	0.0296439	0.040637	0.609188	-1.64153	0.28083	1.26495	1.26495	0.00568741	0.467435	-2.13933	0.278982	0.789774	-1.26618	0.00375637	0.440339	-2.27098
cg02474600	KNDC1	0.0303746	0.00741338	0.312694	-3.19802	0.850149	1.06582	1.06582	0.00797126	0.317807	-3.14656	0.703805	0.879205	-1.13739	0.08674	0.528558	-1.89194
cg11610925	KNDC1	0.0318661	0.0108226	6.27024	6.27024	0.0135167	5.77421	5.77421	0.0173781	5.26616	5.26616	0.0431526	3.79783	3.79783	0.189379	2.21978	2.21978
cg04599298	KNDC1	0.0348922	0.918389	1.06362	1.06362	0.314566	1.86982	1.86982	0.695797	0.789414	-1.26676	0.861927	1.11044	1.11044	0.915158	0.937884	-1.06623
cg06562644	KNDC1	0.0354579	0.204818	0.719244	-1.39035	0.355722	1.26365	1.26365	0.295534	0.765517	-1.30631	0.863359	1.04334	1.04334	0.949657	1.01567	1.01567
cg05640731	KNDC1	0.0369076	0.053715	0.316078	-3.16378	0.630329	0.774946	-1.29041	0.0500137	0.308795	-3.23839	0.755955	0.848809	-1.17812	0.287011	0.559178	-1.78834
cg03891843	KNDC1	0.038199	0.729775	1.14252	1.14252	0.863442	1.06838	1.06838	0.0184965	0.333654	-2.99712	0.722878	1.14661	1.14661	0.0181684	0.332202	-3.01022
cg19626078	KNDC1	0.0411908	0.165237	1.23324	1.23324	0.284239	0.85423	-1.17065	0.411481	0.887861	-1.1263	0.697011	0.94609	-1.05698	0.704342	0.947436	-1.05548
cg11243371	KNDC1	0.0417646	0.869011	0.934216	-1.07042	0.189043	1.77476	1.77476	0.0497728	0.397464	-2.51595	0.597957	0.802999	-1.24533	0.00407775	0.20407	-4.90028
cg16459735	KNDC1	0.0462124	0.452888	1.41009	1.41009	0.0131569	3.98138	3.98138	0.599027	1.26927	1.26927	0.843165	0.914825	-1.0931	0.0138003	0.254658	-3.92683
cg23183348	KNDC1	0.0470491	0.811669	1.03821	1.03821	0.336898	0.85594	-1.16831	0.134445	0.77603	-1.28861	0.202422	0.809422	-1.23545	0.0895906	0.74525	-1.34183
cg18987491	KNDC1	0.0475463	0.0219377	2.89126	2.89126	0.78435	1.11176	1.11176	0.229467	0.61446	-1.62745	0.0410489	2.48559	2.48559	0.916236	1.04147	1.04147
cg16845293	KNDC1	0.0488417	0.651277	1.16558	1.16558	0.00600661	3.35003	3.35003	0.0732561	1.95941	1.95941	0.215532	0.644709	-1.55109	0.226497	0.652058	-1.53361

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15153394	0.000145123	0.507178	-1.97169	5.53E-09	0.0749141	-13.3486	3.00E-07	0.210516	-4.75023	0.0038324	0.667303	-1.49857	101.227	17.2657	0.151613	1
cg27068996	0.000835569	0.410827	-2.43412	6.25E-08	0.0388607	-25.733	0.554714	1.11152	1.11152	0.0381652	0.653657	-1.52985	76.8846	38.1254	0.440781	1
cg14591460	0.383242	0.880271	-1.13601	2.06E-07	0.105591	-9.47047	0.170528	0.812074	-1.23141	0.409596	1.12781	1.12781	48.8887	15.7505	0.286374	1
cg20670939	0.770421	0.938297	-1.06576	0.00161478	0.373846	-2.6749	1.13E-05	0.131418	-7.60931	0.164089	0.723862	-1.38148	20.3326	13.5596	0.666889	1
cg20103311	0.0144081	1.921	1.921	2.13E-05	0.156879	-6.37434	0.000510009	0.308825	-3.23808	0.049798	0.616097	-1.62312	19.6498	14.5819	0.659636	1
cg17031773	0.00154244	0.228459	-4.37716	3.21E-05	0.0726335	-13.7677	8.16E-05	0.100024	-9.99765	0.528445	0.813011	-1.23	17.7755	29.5773	1.47905	1
cg01144251	0.0393212	1.61076	1.61076	0.80738	1.05005	1.05005	0.23399	1.28333	1.28333	0.000926599	0.371999	-2.68818	15.5526	9.84661	0.562771	1
cg18504937	0.0294865	0.422629	-2.36614	0.000106847	0.100595	-9.94086	0.00187007	0.227144	-4.40249	0.544425	0.813745	-1.22889	10.892	19.4707	1.58899	1
cg26749518	0.000962973	0.193058	-5.1798	4.43E-05	0.0750827	-13.3186	0.0023984	0.242831	-4.11809	0.0155595	2.69846	2.69846	28.5594	50.6388	1.57609	1
cg25134071	0.0431497	1.58375	1.58375	0.025975	1.68592	1.68592	0.47505	1.15437	1.15437	0.675308	1.08682	1.08682	10.6659	6.59773	0.549852	1
cg26651782	0.000405593	0.143593	-6.96414	0.000623884	0.162511	-6.15344	0.0853992	0.518607	-1.92824	0.833969	0.930087	-1.07517	10.5369	19.8967	1.67848	1
cg19149785	0.714626	1.11796	1.11796	0.00432594	3.18387	3.18387	0.42148	1.28319	1.28319	0.452788	1.26143	1.26143	5.30906	7.75253	1.298	1
cg22898362	0.0432775	0.493876	-2.0248	0.0356926	2.09975	2.09975	0.504992	1.22787	1.22787	0.442662	1.26813	1.26813	4.40469	6.42432	1.29646	1
cg08596858	0.174355	0.84509	-1.18331	0.136091	1.20573	1.20573	0.165449	0.841708	-1.18806	0.00531013	0.651861	-1.53407	10.1505	2.18134	0.191022	1
cg02658551	0.00268946	0.17511	-5.71071	0.911168	1.048	1.048	0.885301	1.06251	1.06251	0.110737	0.481914	-2.07506	3.46683	9.68847	2.48411	1
cg01408476	0.022828	0.497021	-2.01199	0.0166683	0.472279	-2.11739	0.869177	0.958575	-1.04321	0.000721732	0.267049	-3.74464	12.8935	13.4514	0.927353	1
cg03946012	0.510385	0.818172	-1.22224	0.00144836	0.250753	-3.98799	0.158117	1.57388	1.57388	0.0720644	0.546915	-1.82844	7.77056	11.1181	1.27182	1
cg03404742	0.206055	0.637035	-1.56977	0.0144833	0.361143	-2.76898	0.953517	0.980486	-1.0199	0.00985404	0.331974	-3.01229	5.22105	9.45059	1.60897	1
cg08226756	1.76E-08	0.0974911	-10.2573	0.00829475	1.43935	1.43935	0.0373697	0.770506	-1.29785	0.000296535	0.529551	-1.88839	74.3585	13.7139	0.163938	1
cg15030465	0.000522628	0.408767	-2.44638	0.00366565	0.522067	-1.91546	0.0929971	1.35761	1.35761	0.937221	0.987053	-1.01312	18.4263	7.98647	0.385268	1
cg15810285	0.0305664	0.369659	-2.7052	0.132729	0.529778	-1.88758	0.00150566	0.166803	-5.99509	0.215371	0.600073	-1.66646	7.3988	17.9724	2.15919	1
cg03547958	0.0151164	0.132399	-7.55293	0.00116044	0.0395013	-25.3157	0.0176099	0.141417	-7.07128	0.0884558	0.279984	-3.57163	6.17303	44.8497	6.45816	1
cg14620065	1.33E-05	0.213895	-4.67518	0.507425	0.892529	-1.12041	0.32437	0.84192	-1.18776	0.0064161	0.549094	-1.82118	11.2227	5.08051	0.4024	1
cg06611310	0.813283	1.03751	1.03751	0.331167	0.855532	-1.16886	0.137252	1.28286	1.28286	0.13566	1.28436	1.28436	11.8175	4.53251	0.340926	1
cg11692772	0.15197	1.13544	1.13544	0.00150232	0.684811	-1.46026	0.0522641	0.833016	-1.20046	0.500124	1.05828	1.05828	10.5455	1.14399	0.0964275	1
cg24076392	0.0462567	0.747217	-1.3383	0.000688444	0.516148	-1.93743	0.154795	0.823382	-1.2145	0.475259	0.911509	-1.09708	7.90071	2.0379	0.229279	1
cg06501803	0.0392265	1.36302	1.36302	0.19836	1.19298	1.19298	0.328737	0.877347	-1.1398	0.488859	1.09557	1.09557	7.25753	1.93688	0.237225	1
cg12210283	0.0552134	1.94301	1.94301	0.00694027	0.343837	-2.90835	0.142652	1.61861	1.61861	0.0578337	1.92598	1.92598	4.20885	6.22581	1.31486	1
cg09668716	0.758249	1.06611	1.06611	0.0426835	1.62232	1.62232	0.791593	1.05645	1.05645	0.25803	0.782903	-1.2773	13.0335	8.87653	0.60538	1
cg13995453	0.0828764	0.404113	-2.47455	0.000363069	0.0674367	-14.8287	0.355887	0.638871	-1.56526	0.0971513	0.423601	-2.36071	7.3062	25.7585	3.13384	1
cg20047055	0.167196	1.27677	1.27677	0.000223486	0.36084	-2.77131	9.50E-05	3.16927	3.16927	0.672733	1.07304	1.07304	15.7976	6.88895	0.387624	1
cg22969763	5.84E-05	0.138416	-7.2246	0.982226	1.00593	1.00593	0.785069	1.0753	1.0753	0.764283	1.08314	1.08314	9.81547	10.9639	0.992888	1
cg21125628	0.53529	0.842964	-1.18629	0.195019	0.688688	-1.45204	0.540057	0.844686	-1.18387	0.0167433	0.451783	-2.21345	6.92785	8.12365	1.04232	1
cg12510108	0.727205	1.12638	1.12638	0.392824	0.742698	-1.34644	0.0221937	0.393893	-2.53876	0.107713	0.550735	-1.81575	3.91966	7.16855	1.62566	1
cg16084090	0.115032	0.333223	-3.001	0.0398975	0.218007	-4.58702	0.0163506	0.152237	-6.56872	0.028208	0.189803	-5.26863	3.54535	23.0924	5.78972	1
cg03258272	1.84E-06	0.208782	-4.78969	0.00401585	1.66601	1.66601	0.00040285	0.475698	-2.10218	3.02E-05	0.340382	-2.93788	55.6918	15.3802	0.245482	1
cg10195814	1.59E-05	0.222357	-4.49727	0.31415	0.838902	-1.19203	5.74E-07	0.0972703	-10.2806	1.63E-05	0.223523	-4.47381	79.7883	35.9853	0.400897	1
cg05377120	0.102732	0.682478	-1.46525	2.12E-05	0.160011	-6.24956	0.224184	0.760921	-1.3142	0.00437103	0.442821	-2.25825	18.9617	13.7506	0.644603	1
cg00059699	0.403692	0.888352	-1.12568	0.245898	0.845237	-1.1831	0.874101	0.97827	-1.02221	0.00164915	0.535721	-1.86664	11.2375	3.4163	0.270229	1
cg05589762	0.00144912	0.53698	-1.86227	0.0127424	1.5192	1.5192	0.353404	0.878959	-1.13771	0.0746499	0.76467	-1.30775	15.0418	4.34931	0.25702	1
cg15241779	0.8018	1.04432	1.04432	0.851514	1.03284	1.03284	0.55114	1.10958	1.10958	0.0947333	1.37252	1.37252	10.3885	4.8915	0.41854	1
cg09261289	0.974339	0.9949	-1.00513	0.00469831	1.81714	1.81714	0.128553	1.2984	1.2984	0.733851	0.947194	-1.05575	7.93224	3.17463	0.35575	1
cg13828440	0.413108	0.843981	-1.18486	0.0773118	0.67158	-1.48902	0.0265403	1.70411	1.70411	0.54587	1.13191	1.13191	5.00399	3.257	0.57856	1
cg01940139	0.0701497	0.532966	-1.87629	0.0699378	0.532653	-1.87739	0.19377	0.652207	-1.53326	0.00837528	0.350966	-2.84928	9.03193	13.8209	1.36021	1
cg21474838	0.00726906	0.484646	-2.06336	0.658625	0.911179	-1.09748	0.803055	0.949067	-1.05367	0.0524741	0.630464	-1.58613	7.92028	5.48977	0.616114	1
cg21375452	0.00021214	0.17653	-5.66476	0.000422721	0.209111	-4.78214	0.244404	0.71093	-1.40661	0.000568946	0.224149	-4.46131	12.4093	15.4266	1.10502	1
cg00443307	0.0441173	0.423476	-2.36141	0.00088136	0.1569	-6.37347	0.166118	0.577739	-1.73089	0.0158525	0.333597	-2.99763	8.8735	19.3984	1.9432	1
cg26806779	0.317444	0.803202	-1.24502	0.00476321	0.451685	-2.21393	0.500618	0.865044	-1.15601	0.00477171	0.451802	-2.21336	8.54911	6.08899	0.6331	1
cg14913610	0.0214422	0.403392	-2.47898	0.408108	0.757316	-1.32045	0.696159	0.879037	-1.13761	0.0164912	0.381942	-2.6182	6.74417	11.5281	1.51942	1
cg02035242	0.021894	0.538105	-1.85837	0.142723	0.701185	-1.42616	0.156751	0.710859	-1.40675	0.132102	0.693362	-1.44225	6.53863	5.25769	0.714753	1
cg05224190	0.55154	0.83553	-1.19685	0.279334	0.714994	-1.39861	0.00110238	4.1992	4.1992	0.550609	1.19736	1.19736	3.55363	5.00739	1.25253	1
cg15368872	0.00865325	0.643376	-1.5543	0.0502904	1.34183	1.34183	4.92E-05	2.73137	2.73137	0.00377031	0.597432	-1.67383	25.1076	6.90414	0.244429	1
cg21584184	0.122746	0.730001	-1.36986	0.180727	1.30665	1.30665	0.967548	0.992373	-1.00769	0.0241442	0.602901	-1.65865	4.45811	2.50065	0.498598	1
cg07787634	0.0745664	0.419306	-2.38489	0.00636679	0.211459	-4.72904	0.271785	1.64961	1.64961	0.0230087	0.304318	-3.28603	7.58961	23.0119	2.69514	1
cg18087514	0.0407818	0.261679	-3.82147	0.00281587	0.0967141	-10.3398	0.42716	0.631129	-1.58446	0.0217191	0.20927	-4.77852	5.45308	27.8316	4.53674	1
cg26660631	0.13169	0.860021	-1.16276	0.000897883	0.630883	-1.58508	0.000211369	0.563292	-1.77528	0.162824	1.14805	1.14805	12.9115	1.75616	0.120902	1
cg26191882	0.0950437	1.22616	1.22616	0.000864457	1.74333	1.74333	0.45854	0.919529	-1.08751	0.189274	0.85679	-1.16715	9.2092	1.80184	0.173917	1
cg12812068	0.00790457	2.67765	2.67765	0.33506	1.33297	1.33297	0.0716136	1.78889	1.78889	0.353119	1.31815	1.31815	3.58525	4.74618	1.17672	1
cg20064558	9.87E-05	1.64214	1.64214	5.82E-10	0.0926253	-10.7962	0.00461895	1.31047	1.31047	0.000143015	0.624801	-1.60051	195.359	15.9249	0.0724587	1
cg20694495	0.00417299	1.35948	1.35948	4.21E-06	0.426917	-2.34238	0.583448	0.956665	-1.0453	9.96E-06	0.46817	-2.13598	109.75	11.1242	0.0900977	1
cg27570873	0.00526161	0.642335	-1.55682	0.00743214	0.660529	-1.51394	0.730627	0.959279	-1.04245	2.98E-06	0.261944	-3.8176	60.4139	13.8445	0.203699	1
cg07572317	0.0426991	1.55534	1.55534	4.29E-08	0.0261121	-38.2964	0.492254	0.876304	-1.14116	0.00035341	0.337426	-2.96361	54.7798	31.0952	0.504569	1
cg12543219	0.010193	0.610752	-1.63733	2.11E-07	0.0914935	-10.9297	0.742902	1.05137	1.05137	0.0033533	0.544731	-1.83577	47.8308	17.547	0.326093	1
cg07087457	0.363088	1.16979	1.16979	3.02E-05	0.254382	-3.93109	0.23941	1.22961	1.22961	0.0028569	0.502249	-1.99104	40.8736	18.2214	0.396265	1
cg26275825	0.022005	0.282204	-3.54353	7.90E-07	0.00223976	-446.477	0.908858	1.05416	1.05416	4.06E-05	0.027128	-36.8623	34.4379	115.679	2.98582	1
cg02233518	0.224351	0.779312	-1.28318	9.04E-07	0.0786021	-12.7223	0.610039	1.10571	1.10571	0.00060706	0.356163	-2.8077	28.9425	17.4937	0.53727	1
cg07669973	0.567703	1.10576	1.10576	8.26E-06	0.183904	-5.43762	0.563411	1.10702	1.10702	0.00215781	0.472535	-2.11625	26.9526	12.9328	0.426518	1
cg15750941	1.53E-05	0.0283164	-35.3153	8.36E-06	0.020942	-47.751	0.573699	1.25393	1.25393	0.0161792	0.310044	-3.22535	25.9959	65.2361	2.23064	1
cg17909892	0.00153463	1.42281	1.42281	0.000112973	0.591796	-1.68977	0.461979	1.05963	1.05963	0.000843953	0.678225	-1.47444	25.874	2.45196	0.0842361	1
cg00357546	0.000581938	0.256358	-3.90079	0.000290008	0.220345	-4.53833	0.623426	0.88105	-1.13501	0.000143681	0.187028	-5.34679	24.6365	25.5516	0.921905	1
cg10458494	0.00324673	2.41179	2.41179	0.000275277	3.69293	3.69293	0.0108625	2.01666	2.01666	0.00261641	2.49434	2.49434	17.4335	13.2811	0.677172	1
cg18785679	0.0336366	0.577614	-1.73126	0.317075	1.25704	1.25704	0.0641625	1.5842	1.5842	0.171702	0.724828	-1.37964	16.5055	12.7886	0.688716	1
cg22775138	0.0202697	0.374521	-2.67008	8.93E-06	0.0341113	-29.3158	0.895816	1.04704	1.04704	0.00258022	0.230879	-4.33127	16.1199	31.4342	1.73335	1
cg11373323	0.0053939	0.520025	-1.92299	1.60E-05	0.204097	-4.89963	0.366735	1.18001	1.18001	0.00441629	0.507484	-1.97051	15.3148	7.72911	0.448606	1
cg20313246	0.000558908	0.446732	-2.23848	0.45646	1.12095	1.12095	0.838127	0.969674	-1.03127	0.00207074	0.520525	-1.92114	14.3966	5.1679	0.319082	1
cg00648020	0.058063	1.26274	1.26274	0.00455134	1.50912	1.50912	0.0583065	1.26238	1.26238	0.0586464	0.792467	-1.26188	14.1386	2.65544	0.166947	1
cg19293144	0.130509	0.782606	-1.27778	8.62E-05	0.347138	-2.8807	0.795375	0.96174	-1.03978	0.165381	0.800835	-1.2487	13.8487	4.942	0.317205	1
cg11666040	0.0353921	0.478187	-2.09123	7.23E-06	0.050673	-19.7344	0.726408	0.89961	-1.11159	0.210433	0.672043	-1.488	13.6544	19.6129	1.27678	1
cg18740861	0.0195934	0.379374	-2.63592	0.00166339	0.213109	-4.69243	0.390658	0.739134	-1.35293	0.00129949	0.19992	-5.002	11.3827	21.2907	1.66262	1
cg08688629	0.0913217	0.738003	-1.35501	2.23E-05	0.249072	-4.0149	0.00585699	0.554689	-1.80281	0.0649231	0.712734	-1.40305	11.2187	4.74279	0.375784	1
cg06433985	0.503106	1.25156	1.25156	9.13E-05	0.0994146	-10.0589	0.921908	1.03291	1.03291	0.266433	0.682255	-1.46573	10.6949	18.4691	1.53502	1
cg09979641	0.974465	1.01343	1.01343	4.61E-05	0.0404174	-24.7418	0.364929	1.47425	1.47425	0.19299	0.563045	-1.77606	9.96844	27.4444	2.44723	1
cg17755480	0.31133	0.498129	-2.00751	8.95E-05	0.00942141	-106.141	0.435616	1.69758	1.69758	0.012206	0.125229	-7.98536	9.78266	68.5834	6.23174	1
cg12955583	0.00902589	0.67799	-1.47495	0.0374509	0.753746	-1.32671	0.0918366	1.24271	1.24271	0.668586	0.950829	-1.05171	9.51363	2.06541	0.192978	1
cg05441107	0.108863	0.735346	-1.3599	7.34E-05	0.281494	-3.55247	0.00172648	0.45567	-2.19457	0.0989669	0.727596	-1.37439	9.15656	4.48207	0.435104	1
cg13612253	0.326819	0.887542	-1.12671	0.50723	1.08252	1.08252	0.716621	0.95795	-1.0439	0.0163276	1.41343	1.41343	8.92264	1.96268	0.195526	1
cg15647050	0.0531846	1.43973	1.43973	0.000175002	0.347744	-2.87568	0.0254214	1.55382	1.55382	0.198396	0.79811	-1.25296	8.64204	3.76746	0.387507	1
cg04939649	0.327477	0.737864	-1.35526	0.00021765	0.156512	-6.38928	0.745497	1.1029	1.1029	0.00477071	0.324074	-3.08571	8.35864	11.9732	1.27327	1
cg19817820	0.322705	0.806839	-1.2394	8.68E-05	0.227766	-4.39048	0.0246082	1.75493	1.75493	0.49291	0.863884	-1.15756	8.32014	5.8174	0.621506	1
cg25993216	0.203298	0.697279	-1.43415	0.000158888	0.176641	-5.6612	0.605967	1.14995	1.14995	0.0129666	0.436929	-2.2887	8.20346	9.36678	1.01494	1
cg04899563	0.331059	0.641084	-1.55986	0.00135026	0.126978	-7.87538	0.110438	0.462481	-2.16225	0.0612645	0.392636	-2.54689	7.37273	22.9477	2.76667	1
cg01077354	0.0883292	0.532135	-1.87922	0.000181154	0.119409	-8.3746	0.805687	0.920641	-1.0862	0.0125144	0.352674	-2.83548	7.24674	12.9176	1.58448	1
cg10614768	0.0816774	0.414479	-2.41267	0.000311991	0.0693391	-14.4219	0.541537	1.3259	1.3259	0.015905	0.259807	-3.849	7.12973	23.5267	2.93315	1
cg23781276	0.0473706	2.63602	2.63602	0.00570629	4.70546	4.70546	0.17127	1.86333	1.86333	0.184833	1.82371	1.82371	6.88995	19.9196	2.56987	1
cg02393606	0.886547	1.05728	1.05728	0.000260631	0.0960211	-10.4144	0.118194	1.93851	1.93851	0.207561	0.595383	-1.67959	6.83441	16.4801	2.14342	1
cg14099938	0.00252227	2.08334	2.08334	0.0172001	1.66205	1.66205	0.138441	1.32202	1.32202	0.260833	1.22782	1.22782	6.76795	3.2831	0.431195	1
cg24723559	0.00555484	0.440479	-2.27026	0.00152353	0.358007	-2.79324	0.342846	0.80257	-1.246	0.405391	0.82565	-1.21117	6.68359	5.36152	0.713059	1
cg06109115	0.50207	0.864569	-1.15665	0.000155572	0.250716	-3.98858	0.864418	0.964151	-1.03718	0.0158533	0.531957	-1.87985	6.48741	4.68827	0.642375	1
cg12448312	0.0909511	0.399945	-2.50034	0.000599069	0.073818	-13.5468	0.435763	0.676156	-1.47895	0.0293102	0.282658	-3.53785	6.36009	24.3984	3.40993	1
cg23350754	0.0199554	2.04073	2.04073	0.0197226	2.04458	2.04458	0.74437	1.08664	1.08664	0.199137	1.41136	1.41136	6.18859	6.3213	0.907951	1
cg27544001	0.134308	0.505203	-1.9794	0.00496664	0.207462	-4.82015	0.0264127	3.04416	3.04416	0.333021	0.655545	-1.52545	6.10998	17.3056	2.51765	1
cg18139178	0.377455	0.821061	-1.21794	0.00039173	0.292266	-3.42154	0.356948	1.22907	1.22907	0.0329504	0.580994	-1.72119	6.09105	4.57214	0.667229	1
cg14636714	0.17906	0.551635	-1.81279	0.000927478	0.127336	-7.85326	0.541784	1.29356	1.29356	0.00831944	0.245191	-4.07845	6.04585	16.6312	2.4452	1
cg25202411	0.0508314	0.53628	-1.8647	0.00561786	0.36126	-2.76809	0.807954	1.07058	1.07058	0.00804641	0.38642	-2.58785	5.96245	7.40699	1.10424	1
cg17834185	0.00446184	1.70792	1.70792	0.000888804	2.01911	2.01911	0.67576	0.942361	-1.06116	0.202904	1.2089	1.2089	5.9179	1.86693	0.28042	1
cg15268727	0.00273658	1.62747	1.62747	0.0202097	1.39076	1.39076	0.0564904	1.28956	1.28956	0.00989493	1.46788	1.46788	5.73164	1.25906	0.195261	1
cg23709617	0.101844	0.225508	-4.43444	0.000376917	0.00885563	-112.923	0.0923509	0.214235	-4.66778	0.0235878	0.10557	-9.4724	5.43778	59.5717	9.73792	1
cg14002159	0.0407218	0.488431	-2.04737	0.000759533	0.212702	-4.70142	0.105277	0.584619	-1.71052	0.0246629	0.444214	-2.25117	5.37469	7.83057	1.29505	1
cg26072930	0.0692817	0.334759	-2.98723	0.0328528	0.260772	-3.83477	0.0254578	0.239326	-4.17839	0.0200055	0.220556	-4.534	5.20381	23.8974	4.08204	1
cg11716380	0.972054	1.01514	1.01514	0.00614185	0.215662	-4.63688	0.00643564	4.57483	4.57483	0.243723	1.68767	1.68767	5.14167	14.9924	2.59188	1
cg06644457	0.0104408	3.44014	3.44014	0.0857425	2.07045	2.07045	0.112942	1.93705	1.93705	0.188992	1.70453	1.70453	5.11631	11.9	2.06746	1
cg11116013	0.040326	1.24575	1.24575	0.0522771	0.814822	-1.22726	0.00418274	1.42759	1.42759	0.0168858	1.31049	1.31049	5.073	0.6915	0.121164	1
cg08824220	0.0187855	0.710525	-1.40741	0.901639	0.985268	-1.01495	0.848356	0.977283	-1.02325	0.00180182	0.586914	-1.70383	5.03633	1.14936	0.202856	1
cg13208845	0.902379	1.01771	1.01771	0.00326183	1.77521	1.77521	0.384412	0.880194	-1.13611	0.793825	0.963215	-1.03819	5.01514	1.62634	0.288253	1
cg04392284	0.720297	1.11627	1.11627	0.000331174	0.169862	-5.88714	0.539603	0.826966	-1.20924	0.758333	0.909909	-1.09901	4.99765	7.40786	1.31757	1
cg07356283	0.218502	0.433255	-2.30811	0.00159862	0.0535943	-18.6587	0.216686	0.431676	-2.31655	0.0685578	0.267778	-3.73443	4.84555	32.0505	5.87949	1
cg01776592	0.283806	0.700526	-1.4275	0.153184	0.613285	-1.63056	0.00286866	3.71027	3.71027	0.838244	0.936752	-1.06752	4.80012	7.76741	1.43837	1
cg19946742	0.970993	0.985716	-1.01449	0.00907257	0.269276	-3.71366	0.771167	0.891015	-1.12232	0.0146884	0.304688	-3.28204	4.6781	11.5995	2.20403	1
cg03416564	0.00734302	0.318155	-3.14312	0.0717482	0.513618	-1.94697	0.827735	0.930324	-1.07489	0.0340165	0.440418	-2.27057	4.65184	8.09141	1.54613	1
cg00033834	0.0963297	0.48708	-2.05305	0.00118595	0.153666	-6.50762	0.894714	0.949175	-1.05355	0.084252	0.471196	-2.12226	4.49405	11.0464	2.1849	1
cg02604099	0.244503	0.566371	-1.76563	0.000562864	0.0823698	-12.1404	0.985938	1.00826	1.00826	0.783938	0.879555	-1.13694	4.48462	15.4863	3.06952	1
cg12768979	0.00865229	0.259585	-3.85231	0.0379131	0.379138	-2.63756	0.805054	0.905161	-1.10478	0.129613	0.516962	-1.93438	4.43241	11.3975	2.2857	1
cg16230625	0.940183	1.01655	1.01655	0.554222	0.877327	-1.13983	0.282645	1.27663	1.27663	0.143305	0.708886	-1.41066	4.34204	3.29085	0.673693	1
cg27125824	0.0269634	0.19904	-5.02411	0.00162537	0.0618649	-16.1643	0.71951	1.24885	1.24885	0.0660634	0.280651	-3.56314	4.19843	25.2513	5.34619	1
cg13702953	0.984566	0.989428	-1.01068	0.00162093	0.0835493	-11.969	0.864	1.09878	1.09878	0.139124	0.416995	-2.39811	4.10741	19.6391	4.25012	1
cg00161878	0.64204	0.906509	-1.10313	0.580264	0.889483	-1.12425	0.156278	0.727613	-1.37436	0.788049	1.05813	1.05813	4.10419	2.85759	0.6189	1
cg02474600	0.203979	0.636458	-1.57119	0.0118512	0.346848	-2.8831	0.428017	1.31353	1.31353	0.129032	0.575317	-1.73817	4.06885	7.31983	1.5991	1
cg11610925	0.0665936	3.25376	3.25376	0.00826447	6.93898	6.93898	0.43624	1.57708	1.57708	0.11957	2.63469	2.63469	3.99988	20.8411	4.63149	1
cg04599298	0.0154299	0.1672	-5.98088	0.00208924	0.0738355	-13.5436	0.200322	2.25706	2.25706	0.39567	0.592465	-1.68786	3.87145	22.2042	5.09811	1
cg06562644	0.343132	1.27197	1.27197	0.000824073	0.289069	-3.45938	0.292779	0.764261	-1.30845	0.884432	1.03648	1.03648	3.84897	3.69875	0.854197	1
cg05640731	0.132481	0.425897	-2.34799	0.00138348	0.0873348	-11.4502	0.9445	1.03728	1.03728	0.0387345	0.284069	-3.52027	3.79332	16.6086	3.89189	1
cg03891843	0.290068	0.655805	-1.52484	0.0092025	0.280704	-3.56248	0.0190965	0.336256	-2.97392	0.847625	0.928753	-1.07671	3.74597	8.75835	2.07829	1
cg19626078	0.0963293	0.772125	-1.29513	0.00202121	0.539696	-1.8529	0.442975	1.11716	1.11716	0.190757	1.21679	1.21679	3.64348	1.15753	0.282398	1
cg11243371	0.536545	0.772575	-1.29437	0.119838	0.498695	-2.00523	0.0693813	2.31062	2.31062	0.753451	0.878177	-1.13872	3.62487	9.7585	2.39298	1
cg16459735	0.0737085	0.408211	-2.44971	0.277951	0.602282	-1.66035	0.434978	1.43043	1.43043	0.261802	0.591039	-1.69194	3.49054	11.1652	2.8433	1
cg23183348	0.135078	1.288	1.288	0.0019698	0.503025	-1.98797	0.781333	0.957224	-1.04469	0.629388	0.926448	-1.07939	3.46705	1.35537	0.347491	1
cg18987491	0.199842	1.6872	1.6872	0.774451	0.894973	-1.11735	0.00623434	3.96257	3.96257	0.10524	1.98103	1.98103	3.45333	8.15786	2.09984	1
cg16845293	0.370933	1.36257	1.36257	0.0367269	2.2641	2.2641	0.10037	1.83334	1.83334	0.563478	1.21734	1.21734	3.41841	6.13916	1.59637	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1117 057 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1347 vs. N)	p-value(1447 vs. N)	Fold-Change(1447 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg25406633	KNDC1	0.649621	0.630363	1.24381	1.24301	1.04012E+05	2.8755	0.073637	2.43072	2.43072	0.263868	1.68136	1.08136	0.7756528	0.414532	-2.41236	0.325284	1.57197	1.57397	1.201073	1.92209	1.82209	0.0168331	1.272837	-3.66539	0.59323	1.27139	1.39766	10.6719	2.79105	1
cg16373862	KNG1;KNG1;KNG1	0.004692331	0.891838	1.05869	1.00355337	0.190885	-5.23876	0.005027391	0.21107	-4.77376	0.003384118	0.188167	-5.31444	0.009097723	0.128864	-7.76009	0.886535	0.941956	-1.06162	0.0126021	0.272434	-3.67061	0.273497	0.620169	-1.61246	0.0215995	0.314598	-3.17866	7.482	20.8224	2.47378	1
cg12454167	KNG1;KNG1;KNG1	0.0323097	0.797614	0.922734	-1.08374	0.12399	0.593758	-1.68419	0.38752	0.75793	-1.31938	0.281626	1.41928	1.41928	0.04017767	0.476197	-2.09997	0.00864504	0.350788	-2.85072	0.00858137	0.350254	-2.85507	0.2695557	1.43303	1.43303	0.5059777	1.23514	1.23514	3.980313	6.172277	1.37858	1
cg28134615	KNTC1	0.000424857	0.001018863	0.622661	-1.60601	0.8663134	0.983057	-1.01657	0.00127063	0.632158	-1.58188	0.080667	1.827807	-1.20801	0.00036564	0.564473	-1.77156	0.164852	-1.4e-05	0.00169198	1.55115	1.55115	0.163782	1.15598	1.15598	0.00114453	0.627238	-1.59429	14.9494	2.25287	0.1139555	1
cg16709862	KNTC1	0.03909118	0.0206828	0.316096	-3.16359	0.0203873	0.314911	-3.1755	0.62678	0.815634	-1.22454	0.7078881	1.16835	1.16835	0.479464	0.742917	-1.34605	0.269007	0.649131	0.827502	-1.20846	0.0333858	0.358397	-2.78601	0.174438	10.0521	2.40556	1
cg19494742	KNTC1	0.04402027	0.00394669	0.288146	-3.47047	0.0498153	0.487738	-2.05028	0.0338797	0.451643	-2.21414	0.0350097	0.454614	-2.19567	0.473636	0.791463	-1.26348	0.96948	0.987797	-1.01235	0.5267513	1.22855	1.22855	0.8344671	1.06946	1.06946	0.1313736	0.593265	-1.68559	3.53314	5.79502	1.44974	1
cg20124877	KPNA1;KPNA1	1.28E-05	3.62E-05	0.297555	-3.36072	0.000393242	0.423036	-2.36387	0.00273712	0.532597	-1.87759	0.130569	0.779784	-1.28241	7.18E-07	0.129541	-7.71955	0.000444084	0.42973	-2.32704	0.6052513	0.923632	-1.08268	0.100891	1.31486	1.31486	1.79E-05	0.263187	-3.79957	38.0214	13.9761	0.3267411	1
cg19970205	KPNA1;KPNA1	0.000210748	0.4018233	1.54272	1.34113	0.00252088	0.477481	-1.09443	0.9536897	0.967998	-1.01907	0.533568	1.11754	1.11754	7.08E-05	0.278788	-3.58606	0.139405	0.748992	-1.33553	1.19E-05	0.195517	-5.13642	0.00155654	0.682258	-1.46376	0.00521576	0.522243	-1.91482	18.1121	8.91078	0.4377315	1
cg18801197	KPNA1;KPNA1	0.00117008	0.00189649	0.269445	-3.71133	0.00593383	0.942272	-2.02165	0.801304	0.07803	1.07803	0.0249824	0.451704	-2.21384	3.27E-05	0.0903442	-11.0688	0.469462	1.24517	1.24517	0.950817	0.981789	-1.01855	0.577428	0.845609	-1.18258	0.345595	0.748099	-1.33565	11.2525	15.8209	1.24976	1
cg27089219	KPNA1;KPNA1	0.00122687	0.539721	1.23091	1.23091	0.739047	0.894162	-1.11837	0.00729327	0.314155	-3.18314	0.0434461	0.459738	-2.17515	0.000229703	0.129084	-7.74689	0.0876119	0.532085	-1.8794	0.000122013	0.105987	-9.43513	0.00594216	0.300052	-3.33276	0.721048	0.886944	-1.12747	11.3014	19.6872	1.57636	1
cg00905985	KPNA1;KPNA1	0.00059501	0.0105023	0.288945	-3.46102	0.0178246	0.248233	-4.02847	0.0310597	0.523885	-1.90917	0.0504913	0.68221	-1.46513	0.160719	0.605569	-1.65121	0.948817	0.97907	-1.02138	0.0013448	0.21508	-4.64942	0.00513194	0.359916	-2.77957	0.0013344	0.680644	-1.4692	1.39557	12.3831	1.53206	1
cg24169773	KPNA1;KPNA1	0.00664714	0.0016037	0.204825	-4.88221	0.0117816	0.248233	-4.02847	0.0310597	0.523885	-3.06854	0.752992	1.15023	1.15023	0.299512	1.61007	1.61007	0.0175807	0.278108	3.59573	0.000559254	0.0934166	-10.7047	0.351989	0.65424	-1.52849	0.364607	0.661878	-1.51085	5.72248	20.8913	2.76237	1
cg25548003	KPNA1;KPNA1	0.0148859	0.0148859	0.375619	-5.68415	0.0119571	0.561819	-1.67974	0.0455923	0.266625	-3.75536	0.3315136	0.558873	-1.78931	0.057304	0.212808	-4.69961	0.0703615	0.221808	-4.50691	0.0179342	0.144024	-6.94422	0.0434124	0.17361	-5.76008	0.0426373	0.295735	-3.3814	5.34472	27.4822	4.74929	1
cg26780911	KPNA1;KPNA1	0.0192079	0.533471	0.935056	-1.06945	0.858801	0.980831	-1.01954	0.00608998	0.64212	-1.46412	0.492794	1.07698	1.07698	0.146057	1.18074	1.18074	0.703615	0.960121	-1.04154	0.00774609	0.694792	-1.43928	0.03192721	0.765171	-1.3069	0.187113	1.16052	1.16052	4.76947	0.8562594	0.1595981	1
cg14526843	KPNA1;KPNA1	0.0464803	0.788471	0.963595	-1.03778	0.0567399	0.742753	-1.34634	0.0194143	1.47659	1.47659	0.245486	0.845763	-1.18236	0.280673	1.16723	1.16723	0.618536	0.933118	1.07168	0.51103	1.09629	1.09629	0.0446731	1.37401	1.37401	0.0287997	1.42697	1.42697	3.498286	1.04904	0.2677426	1
cg14723136	KPNA1;KPNA1	7.28E-06	0.01438273	0.728096	-1.37175	0.7865648	1.02884	1.022864	0.202465	0.868502	-1.15141	1.88E-05	0.401848	-2.4885	0.616303	0.949441	-1.05436	1.54E-06	0.280227	-3.5853	1.08E-06	0.263839	-3.79019	0.288572	1.12235	1.12235	0.0479499	1.26791	1.26791	44.0499	7.65818	0.154535	1
cg09771049	KPNA2	0.00588626	0.211932	0.910947	-1.09776	0.166157	0.11042	1.11042	0.0126257	1.24602	1.24602	0.0930266	0.877152	-1.14005	0.7302356	1.02485	1.02485	0.750802	0.977653	-1.02286	0.555169	1.04324	1.04324	0.235793	1.09213	1.09213	0.000397955	1.15828	1.15828	6.98025	0.5562334	0.0708327	1
cg18781153	KPNA2	0.00886936	0.258057	0.753477	-1.33073	0.0802691	0.926152	-1.59961	0.0197801	1.39034	1.39034	0.560901	0.867319	-1.15298	0.960676	1.01203	1.01203	0.000248095	0.231203	-4.3252	0.0107536	0.460393	-2.17248	0.447308	0.829095	-1.20653	0.826335	1.0547	1.0547	6.14079	5.70021	0.825115	1
cg26090053	KPNA2;KPNA2	0.0136155	0.03886924	0.440746	-2.26974	0.057974	0.853773	-1.17127	0.767793	1.13735	1.11735	0.0191194	0.945288	-2.89613	0.0050955	0.249509	-4.00786	0.494981	0.771134	-1.29679	0.003885 61	0.2326931	-4.29752	0.0405559	0.425404	-2.35071	0.621584	0.8298	-1.20511	0.44416	9.89682	1.97949	1
cg16501440	KPNA2	0.0327934	0.236647	1.31896	1.31896	0.28858	1.27887	1.27887	0.224101	1.32995	1.32995	0.00123387	0.34929	-2.87117	0.206594	1.34618	1.34618	0.459096	1.1833	1.1833	0.690483	0.9145 12	-1.09348	0.475327	0.850377	-1.17595	0.516328	0.863358	-1.15827	3.95897	3.12564	0.701785	1
cg16390411	KPNA2;KPNA2	0.0319214	0.4345468	1.33805	1.33805	0.4178	0.2485	1.2485	0.460757	1.08498	1.08498	-1.13006	0.687869	1.09318	1.09318	0.0444605	0.564164	1.44504	1.44504	0.4154	0.4154	1.44504	1.44504	0.4154	0.4154	1.44504	1.22174	0.399112	0.868873	-1.15092	0.277624	1.20182	1.20182	3.93759	1.65336	0.3732838	1
cg22587509	KPNA3;KPNA3	0.00358161	0.0573433	0.621495	-1.60902	0.0339617	0.414362	-2.41335	0.0162308	0.36816	-2.71621	0.791531	0.943079	-1.06036	0.00112775	0.346338	-2.88735	0.0380199	0.587373	-1.7025	0.162158	0.758795	-1.39122	0.388561	0.734773	-1.36096	0.000800796	0.326388	-3.06384	17.9159	6.29208	0.688994	1
cg00875668	KPNA3;KPNA3	0.0145226	0.59264	1.07081	1.07081	0.49466	0.194795	-1.09314	0.0434162	0.913246	1.13246	0.313466	0.113471	1.83295	0.037307	0.17265	-5.79206	0.477894	0.679255	-1.4722	0.64096	1.28627	1.28627	0.904159	0.6667	1.0667	0.258027	1.88254	1.88254	4.95084	22.5274	4.04463	1
cg24375287	KPNA3	0.017192	0.803368	0.874833	-1.14308	0.148252	0.29621	1.29621	0.286635	1.80956	1.80956	0.406228	0.634171	-1.57686	0.000404601	0.0491035	-20.3652	0.477894	0.679255	-1.4722	0.64096	1.28627	1.28627	0.904159	0.6667	1.0667	0.258027	1.88254	1.88254	4.95084	22.5274	4.04463	1
cg16664537	KPNA3;KPNA3	0.0147201	0.82506	1.0254	1.0254	0.18849	1.17097	1.17097	0.224045	1.15567	1.15567	0.564353	1.06823	1.06823	0.169886	1.18162	1.18162	0.361127	0.89912	-1.1122	0.00106549	0.578165	-1.72961	0.0355819	0.757966	-1.31932	0.0941137	1.23182	1.23182	5.03505	1.05936	0.180635	1
cg13027369	KPNA4;KPNA4	0.000513105	0.000149563	0.176088	-5.67253	0.0080709	0.164598	-6.07711	0.0063625	0.407194	-2.45583	0.0216792	0.313038	-3.19444	0.0015641	0.486405	-2.05624	0.464098	0.726124	1.3838	0.0042584	0.849498	-1.17782	0.85802	1.16452	1.16452	0.0034558	1.30786	1.24823	14.3873	4.33723	0.3004481	1
cg11599998	KPNA4	0.00073097	0.0459337	1.21966	1.21966	0.394395	1.07866	1.07866	0.0013311	1.49931	1.49931	0.2911	1.09976	1.09976	5.77E-05	0.52342	-1.91051	0.165856	0.879622	-1.13685	0.320834	1.09311	0.9311	0.0169085	1.28777	1.28777	0.0968108	1.17141	1.17141	12.8539	1.5337	0.10606	1
cg10376687	KPNA4	0.00295374	0.0010508	0.162116	-6.16842	0.0289604	0.974394	1.025171	0.633	1.30034	1.30034	0.560901	0.867319	-1.15298	0.960676	1.01203	1.01203	0.000248095	0.231203	-4.3252	0.0107536	0.460393	-2.17248	0.447308	0.829095	-1.20653	0.826335	1.0547	1.0547	6.14079	5.70021	0.825115	1
cg26090053	KPNA4;KPNA4	0.0136155	0.03886924	0.440746	-2.26974	0.057974	0.853773	-1.17127	0.767793	1.13735	1.11735	0.0191194	0.945288	-2.89613	0.0050955	0.249509	-4.00786	0.494981	0.771134	-1.29679	0.003885 61	0.2326931	-4.29752	0.0405559	0.425404	-2.35071	0.621584	0.8298	-1.20511	0.44416	9.89682	1.97949	1
cg16501440	KPNA2	0.0327934	0.236647	1.31896	1.31896	0.28858	1.27887	1.27887	0.224101	1.32995	1.32995	0.00123387	0.34929	-2.87117	0.206594	1.34618	1.34618	0.459096	1.1833	1.1833	0.690483	0.914512	-1.09348	0.475327	0.850377	-1.17595	0.516328	0.863358	-1.15827	3.95897	3.12564	0.701785	1
cg16390411	KPNA2;KPNA2	0.0319214	0.4345468	1.33805	1.33805	0.4178	0.2485	1.2485	0.460757	1.08498	1.08498	-1.13006	0.687869	1.09318	1.09318	0.0444605	0.564164	1.44504	1.44504	0.4154	0.4154	1.44504	1.44504	0.4154	0.4154	1.44504	1.22174	0.399112	0.868873	-1.15092	0.277624	1.20182	1.20182	3.93759	1.65336	0.3732838	1
cg22587509	KPNA3;KPNA3	0.00358161	0.0573433	0.621495	-1.60902	0.0339617	0.414362	-2.41335	0.0162308	0.36816	-2.71621	0.791531	0.943079	-1.06036	0.00112775	0.346338	-2.88735	0.0380199	0.587373	-1.7025	0.162158	0.758795	-1.39122	0.388561	0.734773	-1.36096	0.000800796	0.326388	-3.06384	17.9159	6.29208	0.688994	1
cg00875668	KPNA3;KPNA3	0.0145226	0.59264	1.07081	1.07081	0.49466	0.194795	-1.09314	0.0434162	0.913246	1.13246	0.313466	0.113471	1.83295	0.037307	0.17265	-5.79206	0.477894	0.679255	-1.4722	0.64096	1.28627	1.28627	0.904159	0.6667	1.0667	0.258027	1.88254	1.88254	4.95084	22.5274	4.04463	1
cg24375287	KPNA3	0.017192	0.803368	0.874833	-1.14308	0.148252	0.29621	1.29621	0.286635	1.80956	1.80956	0.406228	0.634171	-1.57686	0.000404601	0.0491035	-20.3652	0.477894	0.679255	-1.4722	0.64096	1.28627	1.28627	0.904159	0.6667	1.0667	0.258027	1.88254	1.88254	4.95084	22.5274	4.04463	1
cg16664537	KPNA3;KPNA3	0.0147201	0.82506	1.0254	1.0254	0.18849	1.17097	1.17097	0.224045	1.15567	1.15567	0.564353	1.06823	1.06823	0.169886	1.18162	1.18162	0.361127	0.89912	-1.1122	0.00106549	0.578165	-1.72961	0.0355819	0.757966	-1.31932	0.0941137	1.23182	1.23182	5.03505	1.05936	0.180635	1
cg13027369	KPNA4;KPNA4	0.000513105	0.000149563	0.176088	-5.67253	0.0080709	0.164598	-6.07711	0.0063625	0.407194	-2.45583	0.0216792	0.313038	-3.19444	0.0015641	0.486405	-2.05624	0.464098	0.726124	1.3838	0.0042584	0.849498	-1.17782	0.85802	1.16452	1.16452	0.0034558	1.30786	1.24823	14.3873	4.33723	0.3004481	1
cg11599998	KPNA4	0.00073097	0.0459337	1.21966	1.21966	0.394395	1.07866	1.07866	0.0013311	1.49931	1.49931	0.2911	1.09976	1.09976	5.77E-05	0.52342	-1.91051	0.165856	0.879622	-1.13685	0.320834	1.09311	0.9311	0.0169085	1.28777	1.28777	0.0968108	1.17141	1.17141	12.8539	1.5337	0.10606	1
cg10376687	KPNA4	0.00295374	0.0010508	0.162116	-6.16842	0.0289604	0.974394	1.025171	0.633	1.30034	1.30034	0.560901	0.867319	-1.15298	0.960676	1.01203	1.01203	0.000248095	0.231203	-4.3252	0.0107536	0.460393	-2.17248	0.447308	0.829095	-1.20653	0.826335	1.0547	1.0547	6.14079	5.70021	0.825115	1
cg21087962	KPNA4	0.0110172	0.0658586	0.547545	-1.82633	0.6210993	1.15652	1.15652	0.316828	1.35256	1.35256	0.218054	0.685144	-1.45955	0.000726745	0.2232	-4.48028	0.340574	0.750793	-1.33193	0.0113184	0.407484	-2.45408	0.282996	0.722128	-1.3848	0.0726246	1.78723	1.77823	5.74663	1.70841	1.11901	1
cg18565125	KPNA5;CARNA7	0.00833614	0.190638	1.30931	1.30931	0.448047	1.16226	1.16226	0.00167296	0.417283	-2.39646	0.0108513	1.86282	1.86282	0.421685	0.852467	-1.17307	0.0233722	0.590464	-1.69358	0.545958	1.12619	1.12619	0.136694	1.36586	1.36586	0.0705255	0.674987	-1.48151	6.2624	3.75089	0.532404	1
cg20985168	KPNA5;KPNA5	0.00697405	0.260313	1.26114	1.26114	0.0498604	0.471984	1.12384	0.0004773	1.54605	1.54605	0.56	1.28754	0.493317	0.104503	1.07845	1.07845	0.328254	0.883812	-1.13155	0.0013448	0.21508	-4.64942	0.00513194	0.359916	-2.77957	0.0013344	0.680644	-1.4692	1.39557	12.3831	1.53206	1
cg09496393	KPNA5;KPNA5	0.00615902	0.596313	1.06345	1.00345	0.000338864	0.194358	1.94358	0.00429376	1.55346	1.55346	0.679568	0.953329	-1.04896	0.016541665	1.27442	1.27442	0.0120191	1.43403	1.43403	0.907415	1.01313	0.565163	0.935279	-1.0692	0.0544668	2.28541	2.28541	4.83357	1.44357	0.186418	1
cg14950288	KPNA5;KPNA5	0.0129775	0.00124451	0.1	1.07181	0.49466	0.194795	-1.09314	0.0434162	0.913246	1.13246	0.313466	0.113471	1.83295	0.037307	0.17265	-5.79206	0.477894	0.679255	-1.4722	0.64096	1.28627	1.28627	0.904159	0.6667	1.0667	0.258027	1.88254	1.88254	4.95084	22.5274	4.04463	1
cg00564061	KPNA5;KPNA5	0.0216197	0.156647	0.706081	-1.41627	0.0958717	1.52215	1.52215	0.242639	0.755115	-1.3243	0.0395	0.578054	-1.72815	0.01122028	0.481872	-2.07524	0.50745	0.856869	-1.16704	0.00858005	0.46295	-2.16006	0.599392	0.885364	-1.12948	0.00804006	0.458409	-2.18146	4.58124	3.82863	0.742862	1
cg13651857	KPNA5;KPNA5	0.0257166	?	?	?	0.29291	1.91253	1.91253	0.0332186	0.252673	-4.76205	0.0850772	0.114961	-8.69863	0.1605	2.46123	2.46123	0.521547	1.46645	1.46645	?	?	?	?	?	?	?	?	?	?	5.915	17.0464	3.45827	1
cg20956128	KPNA5;KPNA5	0.0195811	0.98347	0.994989	0.00506	0.106484	1.59505	1.59505	0.07083	0.626023	-1.59759	0.608914	0.882394	-1.13328	0.554659	1.80308	-1.80308	0.430329	1.21554	1.21554	0.00279153	2.73618	2.73618	0.448243	0.829111	-1.20611	0.0823283	0.627093	1.59466	4.10717	2.58426	0.837725	1
cg10332202	KPNA6	0.00168685	0.000908248	0.242128	-4.13005	0.201862	1.46995	1.46995	0.123206	0.62043	-1.61179	0.9833621	1.00598	1.00598	0.000188627	0.165547	-6.04058	0.811551	1.07066	1.07066	0.66105	1.13442	1.13442	0.00138119	0.265582	-3.76532	0.107775	0.605516	-1.65148	10.1305	13.1104	1.15036	1
cg00202421	KPNB1	0.0185871	0.159986	0.747557	-1.33768	0.0443241	0.12312	1.22612	0.559233	1.09312	1.09312	0.0993	0.893416	1.1193	0.0970586	1.14232	1.14232	0.395261	1.10578	1.10578	0.106557	1.14552	1.14552	0.0185175	1.26076	1.26076	1.61E-06	4.82271	4.82271	0.0103046	0.62088	0.272301	0.1134051	1
cg11778286	KPNB1	0.0216199	0.955508	0.989402	-1.01071	0.8673538	0.123144	1.03244	0.0078049	0.919771	1.91971	0.83674	1.04019	1.04019	0.0249741	0.456451	-2.19081	0.565162	1.11744	1.11744	0.402584	0.849098	-1.17772	0.85802	1.03479	1.03479	0.0048013	1.57152	1.57152	6.41431	2.665	0.513378	1
cg08717931	KPNB1	0.0217727	0.0953744	0.712806	-1.40291	0.158717	0.757021	-1.32097	0.453893	0.868518	-1.15139	0.674866	0.925007	-1.08107	0.0812469	0.699676	-1.42923	0.009466911	0.544688	-1.83591	0.000913606	0.400147	-2.49908	0.344108	0.81521	-1.1973	0.43726	1.15769	1.15769	4.57019	2.47125	0.480652	1
cg00565052	KPNB1	0.0454648	0.0454648	0.2	1.07181	0.49466	0.194795	-1.09314	0.0434162	0.913246	1.13246	0.313466	0.113471	1.83295	0.037307	0.17265	-5.79206	0.477894	0.679255	-1.4722	0.64096	1.28627	1.28627	0.904159	0.6667	1.0667	0.258027	1.88254	1.88254	4.95084	22.5274	4.04463	1
cg18370223	KPNB1	0.04120157	0.370189	1.2163	1.2163	0.013768	0.523111	-1.91164	0.997198	1.00075	0.677695	1.09301	0.0838042	0.665545	1.50253	0.0109944	0.507186	-1.97166	0.220469	1.31536	1.31536	0.787946	1.05904	1.05904	0.135395	1.40841	1.40841	1.64299	2.6124	0.637424	1
cg08664665	KPNB1;KPNA6	0.0194153	0.0194153	0.2	1.07181	0.49466	0.194795	-1.09314	0.0434162	0.913246	1.13246	0.313466	0.113471	1.83295	0.037307	0.17265	-5.79206	0.477894	0.679255	-1.4722	0.64096	1.28627	1.28627	0.904159	0.6667	1.0667	0.258027	1.88254	1.88254	4.95084	22.5274	4.04463	1
cg21932484	KPNT	0.00012591	0.000401332	0.145691	-2.40563	0.253704	0.830388	-1.20426	0.00523441	0.563077	-1.77596	0.00064533	0.442092	-2.26197	4.87E-06	0.196438	5.09066	0.0010529	0.469682	-2.1291	0.487019	1.11641	1.11641	0.743959	0.95018	-1.05243	0.00182556	0.501236	-1.99507	20.8147	8.01502	0.342281	1
cg22498453	KPNT	0.0292016	0.245779	1.15455	1.15455	0.0089347	0.318233	-1.32245	0.4009789	0.93162	-1.07389	0.0114082	0.73664	-1.35752	0.0021063	0.563123	-1.77583	0.0021078	0.0912667	2.19564	0.0143276	0.645405	1.54937	0.0014504	0.684144	1.46041	0.0014881	0.688184	-1.23176	4.19304	2.7487	0.537913	1
cg12515788	KPNB1	1.59E-05	0.000480696	0.453627	-2.20445	0.0181255	1.48406	1.48406	0.000988918	0.21304	2.01304	0.0156407	0.602124	-1.66079	5.05E-05	0.322326	3.10245	2.20E-06	0.163301	-6.13382	0.00214153	1.84099	1.84099	0.047956	1.74076	1.3104	0.00395806	1.72349	1.72349	4.9806	13.8779	2.159338	1
cg19573464	KPNB1	0.00254615	0.230379	0.910019	-1.09888	0.000845698	1.45646	1.45646	0.0150003	1.25116	1.25116	0.070886	0.859659	-1.16325	0.960253	1.00374	1.00374	0.00456365	0.753491	-1.32716	0.0388699	0.835937	-1.19626	0.239289	1.09674	1.09674	0.022676	1.22683	1.22683	8.98352	0.7980 14	0.0790814	0.0790498	1
cg20158868	KPNB1	0.0257306	0.00697473	0.213183	-4.69061	0.0439001	0.471984	1.12384	0.0004773	1.54605	1.54605	0.56	1.28754	0.493317	0.104503	1.07845	1.07845	0.328254	0.883812	-1.13155	0.0013448	0.21508	-4.64942	0.00513194	0.359916	-2.77957	0.0013344	0.680644	-1.4692	1.39557	12.3831	1.53206	1
cg00405642	KPNB1	0.0218294	0.126354	-7.9143	0.0260582	0.175835	-5.68716	0.171146	0.383246	-2.60929	0.109428	0.317024	-3.15433	0.0156216	0.142124	-7.03613	0.0419419	0.213754	-4.67827	0.0444796	0.0822724	-12.1547	0.31681	0.348228	-2.87168	0.0143812	0.137259	-7.28551	4.43216	30.4099	6.09884	1
cg12629448	KPNP	2.68E-06	0.00103526	0.3284	-3.04507	0.186 06	0.106052	-3.30011	0.198288	0.78533	-1.27355	0.8808 84	0.975902	-1.02469	0.175028	1.29213	1.29213	1.71E-07	0.0568269	-17.5972	1.81E-05	0.211265	-4.73139	0.0944292	0.508412	-1.96683	0.0003044	0.30709	-3.25638	56.5783	2.23403	0.0978906	0.620504	0.611559	22.6791	7.66848	0.3005558	1
cg26140299	KPNP	9.14E-05	0.0	-3.34257	0.0	0.00335723	0.55818	-1.79	0.0094772	-1.00526	4.38E-06	0.21291	-4.69682	0.00674	0.0992281	-1.00072	-4.6066	0.274364	0.84689	-1.18079	0.0105821	0.2697	1.59967	0.0175882	0.810155	-1.23403	0.00978906	0.620504	0.611559	22.6791	7.66848	0.3005558	1
cg18193186	KPNP	0.000239432	0.004053 88	0.334416	-2.99029	1.88E-05	0.084476	-11.8383	0.707141	1.11308	1.11308	0.138259	0.635709	-1.57305	0.542294	1.19135	1.19135	0.036245	0.500986	-1.99605	0.00830099	0.199766	-5.00836	0.00214546	0.173045	-5.77

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17360680	KRT1	0.0120228	0.0215878	0.229628	-4.35486	0.0278074	0.249937	-4.00101	0.0714603	0.341839	-2.92535	0.169154	0.457898	-2.18389	0.0077725	0.161606	-6.18789
cg10538533	KRT1	0.0159591	0.893319	0.954353	-1.04783	0.557048	0.813177	-1.22975	0.0162653	0.359434	-2.78216	0.906984	0.960116	-1.04154	0.00144119	0.201118	-4.97221
cg13594463	KRT1	0.041443	0.0290789	0.325745	-3.06989	0.421458	1.4306	1.4306	0.0232638	0.306479	-3.26286	0.111012	0.469031	-2.13205	0.00595648	0.208466	-4.79693
cg10926148	KRT1	0.045081	0.940533	1.02744	1.02744	0.0403598	0.423497	-2.36129	0.410149	0.736677	-1.35745	0.0455327	0.435165	-2.29798	0.297313	1.47998	1.47998
cg24249775	KRT10;TMEM99	0.000812867	0.373148	0.6743	-1.48302	1.39E-05	0.0200695	-49.8268	0.0254559	0.31834	-3.14129	0.515558	1.32868	1.32868	0.00997686	0.245993	-4.06515
cg15432367	KRT10;TMEM99	0.0158285	0.446108	0.850128	-1.17629	0.0390063	0.606825	-1.64792	0.923472	0.980113	-1.02029	0.277703	0.789779	-1.26618	0.532511	0.876189	-1.14131
cg03059535	KRT10;TMEM99	0.0313382	0.0397005	0.312035	-3.20477	0.0190613	0.249168	-4.01335	0.0723043	0.374502	-2.67022	0.984164	1.00977	1.00977	0.00548314	0.167247	-5.97917
cg23611636	KRT12	1.84E-05	0.0410043	0.675319	-1.48078	2.40E-05	0.246224	-4.06134	4.74E-06	0.17485	-5.71919	0.012674	0.597032	-1.67495	0.00268591	0.501259	-1.99498
cg04647241	KRT12	5.39E-05	0.00022238	0.230114	-4.34567	0.000857472	0.302216	-3.3089	0.000166415	0.21594	-4.63091	0.731197	1.08591	1.08591	5.32E-05	0.16481	-6.06759
cg02756698	KRT12	9.21E-05	0.512315	0.863497	-1.15808	0.933283	0.981679	-1.01866	7.70E-06	0.114321	-8.74727	0.0205776	0.540084	-1.85156	0.36455	0.814018	-1.22847
cg18037190	KRT12	0.000213965	0.635989	0.907454	-1.10198	0.00965125	1.94864	1.94864	0.0516048	1.57027	1.57027	2.30E-05	0.178223	-5.61096	0.978795	0.994601	-1.00543
cg12544557	KRT12	0.00664335	0.0144179	3.41917	3.41917	0.00833298	3.95377	3.95377	0.0759276	2.23724	2.23724	0.0582883	2.39256	2.39256	0.0132064	3.49863	3.49863
cg12437115	KRT12	0.00905159	0.168	0.546987	-1.8282	0.0441208	0.386876	-2.58481	0.003573	0.197772	-5.05633	0.0317207	0.355606	-2.8121	0.010324	0.26531	-3.76917
cg26299044	KRT12	0.0106613	0.0770339	0.148452	-6.73617	0.125484	0.200142	-4.99645	0.00890351	0.0395963	-25.2549	0.0345163	0.0914604	-10.9337	0.00855255	0.0385923	-25.9119
cg04986934	KRT12	0.0180911	0.0617759	1.6257	1.6257	0.898901	1.0298	1.0298	0.00855475	0.460755	-2.17035	0.0387667	1.73811	1.73811	0.0740891	0.631419	-1.58374
cg09103073	KRT12	0.0206212	0.748972	1.10864	1.10864	0.0693415	1.9207	1.9207	0.0579323	1.99097	1.99097	0.0734177	1.89885	1.89885	0.0584	1.98777	1.98777
cg09735896	KRT12	0.024312	0.0701628	0.474521	-2.10739	0.00544359	0.260142	-3.84406	0.00799075	0.28598	-3.49675	0.7145	0.873462	-1.14487	0.012002	0.315411	-3.17047
cg13831570	KRT12	0.0402167	0.0637851	2.78909	2.78909	0.0261078	3.66698	3.66698	0.673104	1.2323	1.2323	0.316876	1.66417	1.66417	0.167548	0.484745	-2.06294
cg13430376	KRT13;KRT13	8.82E-05	0.192844	1.33213	1.33213	0.0451584	1.61324	1.61324	0.000896843	0.3554	-2.81373	0.0905885	1.47402	1.47402	0.407752	1.19269	1.19269
cg13350783	KRT13;KRT13	0.000312251	0.954228	0.98687	-1.0133	0.0449505	0.588682	-1.69871	0.000100158	0.204197	-4.89722	0.915768	0.975933	-1.02466	0.131845	0.687622	-1.45429
cg16023337	KRT13;KRT13	0.00380008	0.06052	0.583966	-1.71243	0.78171	0.931836	-1.07315	0.000764313	0.273679	-3.65391	0.172059	0.69111	-1.44695	0.00532325	0.393271	-2.54278
cg10742225	KRT13;KRT13	0.0157699	0.423804	0.786538	-1.27139	0.0140223	0.409994	-2.43906	0.00192285	0.275072	-3.63542	0.00659015	0.354529	-2.82064	0.189675	0.664759	-1.5043
cg07381973	KRT13;KRT13	0.0162434	0.472469	1.18626	1.18626	0.0327437	1.79301	1.79301	0.0556965	0.60246	-1.65986	0.041836	0.57795	-1.73025	0.101362	0.657534	-1.52083
cg09221478	KRT13;KRT13;KRT13;KRT13	0.000271741	0.00459723	0.300697	-3.3256	0.866543	0.94783	-1.05504	0.034597	0.456163	-2.1922	0.00539696	0.311373	-3.21158	0.000236389	0.143589	-6.96432
cg02518899	KRT14	0.000181326	0.535531	0.90551	-1.10435	0.41804	0.877295	-1.13987	5.32E-06	0.195594	-5.11262	0.302745	1.18397	1.18397	0.0108182	0.602683	-1.65925
cg07284632	KRT14	0.000240701	0.0139505	0.729353	-1.37108	0.00666031	1.44183	1.44183	2.39E-05	0.416635	-2.40018	0.166732	0.857941	-1.16558	0.00105244	0.6043	-1.65481
cg04592226	KRT14	0.0133204	0.80134	0.919627	-1.0874	0.0946327	0.543064	-1.8414	0.000608281	0.172791	-5.78734	0.0542356	0.483841	-2.0668	0.0271214	0.419234	-2.3853
cg13675957	KRT15	7.04E-05	0.0834465	0.843855	-1.18504	0.00174898	0.673488	-1.48481	6.18E-06	0.408216	-2.44968	0.19326	0.885162	-1.12974	4.14E-05	0.500476	-1.9981
cg23128056	KRT15	0.000261891	0.082309	0.610994	-1.63668	0.000884484	0.279327	-3.58003	0.00141746	0.306598	-3.2616	4.15E-05	0.135515	-7.37927	0.0279276	0.514328	-1.94428
cg15801433	KRT15	0.00074014	0.48136	1.26812	1.26812	0.000751345	0.183297	-5.45562	0.0129003	0.358959	-2.78583	0.557673	1.21749	1.21749	0.0132871	0.361232	-2.7683
cg11983245	KRT15;KRT15	0.00156708	0.557133	0.865804	-1.155	0.8293	0.948952	-1.05379	0.000417723	0.257192	-3.88815	0.154064	0.690531	-1.44816	0.0672451	0.607927	-1.64493
cg12253845	KRT15;KRT15	0.00355169	0.0289368	0.428835	-2.3319	0.326128	0.716545	-1.39559	0.00137842	0.217542	-4.59681	0.00559868	0.302413	-3.30674	0.0196171	0.395746	-2.52687
cg24457403	KRT16	0.000148924	0.0583644	0.67533	-1.48076	0.0274737	0.619659	-1.61379	2.28E-06	0.120321	-8.31112	0.02155	0.602559	-1.65959	0.68575	0.928064	-1.07751
cg17944561	KRT16	0.00811915	0.029878	0.369696	-2.70493	0.295599	0.6555	-1.52555	0.00797542	0.265979	-3.75969	0.0647506	0.445838	-2.24297	0.00578484	0.244644	-4.08758
cg26336935	KRT16	0.0205958	0.0691818	0.364041	-2.74695	0.594682	0.765754	-1.3059	0.00777703	0.182955	-5.46582	0.435893	0.673637	-1.48448	0.010257	0.200271	-4.99324
cg16393749	KRT16	0.0492571	0.677267	1.0793	1.0793	0.00317545	0.479644	-2.08488	0.0159769	0.584011	-1.7123	0.204045	0.783182	-1.27684	0.405085	0.856148	-1.16802
cg25171014	KRT16	0.0499926	0.0552471	1.70752	1.70752	0.0320895	1.85556	1.85556	0.692895	1.10266	1.10266	0.150022	0.683902	-1.4622	0.146813	0.681547	-1.46725
cg20762586	KRT16;KRT16	0.000969846	0.166444	0.80116	-1.24819	0.00665999	0.589172	-1.6973	5.37E-05	0.322416	-3.10158	0.0776814	0.7448	-1.34264	0.0098686	0.612649	-1.63226
cg27478659	KRT16;KRT16	0.00753079	0.0343738	0.445823	-2.24304	0.00217703	0.244719	-4.08632	0.00113583	0.208649	-4.79275	0.139317	0.59405	-1.68336	0.00347244	0.27295	-3.66368
cg01809214	KRT17	0.00372774	0.897454	0.98566	-1.01455	0.189874	0.855957	-1.16828	8.67E-05	0.454344	-2.20098	0.106328	0.820741	-1.21841	0.723161	1.04065	1.04065
cg11344638	KRT17	0.00772443	0.234488	1.16938	1.16938	0.873292	1.02024	1.02024	0.000621831	0.516311	-1.93682	0.80805	1.03103	1.03103	0.0488026	1.32646	1.32646
cg04487720	KRT17	0.011996	0.0336887	0.524439	-1.9068	0.708265	0.906824	-1.10275	0.01945	0.479472	-2.08563	0.0916472	0.616764	-1.62137	0.0764897	0.598852	-1.66986
cg27236973	KRT17	0.024973	0.0289474	0.205823	-4.85853	0.0197154	0.177485	-5.63428	0.0321301	0.214216	-4.66819	0.0379388	0.228262	-4.38094	0.0121728	0.146906	-6.80708
cg08058191	KRT17	0.0293337	0.0763048	1.92683	1.92683	0.549682	0.817656	-1.22301	0.000863928	0.18952	-5.27649	0.703128	0.880428	-1.13581	0.385192	1.3446	1.3446
cg19003337	KRT17;KRT17	0.00751534	0.694239	0.902979	-1.10745	0.0221111	0.49222	-2.03161	0.000189757	0.19685	-5.08001	0.145691	0.667965	-1.49708	0.688412	0.901109	-1.10974
cg06196636	KRT18	0.0119082	0.122599	1.23576	1.23576	0.0211032	0.704041	-1.42037	0.00312223	0.599665	-1.6676	0.688681	0.950319	-1.05228	0.619639	0.938651	-1.06536
cg07652628	KRT18;KRT18	0.00494903	0.0133236	1.75604	1.75604	0.828013	1.04076	1.04076	0.753355	0.943759	-1.05959	0.291141	0.817785	-1.22281	0.0175037	1.70069	1.70069
cg16747714	KRT18;KRT18	0.0100122	0.438761	0.85246	-1.17308	0.0627456	0.654913	-1.52692	0.00213925	0.418198	-2.39121	0.799978	0.949976	-1.05266	0.0134166	0.538556	-1.85682
cg04799958	KRT18;KRT18	0.0221779	0.0224322	2.29633	2.29633	0.00970641	2.70319	2.70319	0.21384	1.4886	1.4886	0.557533	1.19757	1.19757	0.0275252	0.452807	-2.20845
cg11698119	KRT18;KRT18	0.0233309	0.387273	0.883781	-1.1315	0.143094	0.803001	-1.24533	0.00566846	0.602921	-1.65859	0.429381	0.893631	-1.11903	0.00946251	0.632279	-1.58158
cg22221657	KRT18;KRT18	0.0389587	0.0286352	0.840383	-1.18993	0.171291	0.906553	-1.10308	0.0273377	0.838743	-1.19226	0.684307	1.02792	1.02792	0.202039	0.913266	-1.09497
cg14212748	KRT18;KRT18	0.042874	0.971221	0.99249	-1.00757	0.397278	0.834336	-1.19856	0.0506813	0.627959	-1.59246	0.0164791	0.542108	-1.84465	0.38992	1.20213	1.20213
cg16046980	KRT18;KRT18;KRT18	0.0016083	0.25024	0.856408	-1.16767	6.09E-05	2.59864	2.59864	0.102786	0.794306	-1.25896	0.763241	1.03974	1.03974	0.783517	0.965093	-1.03617
cg27608102	KRT19	0.0119061	0.00838367	0.299768	-3.33591	0.777023	1.1069	1.1069	0.015634	0.346392	-2.88691	0.627053	0.83933	-1.19143	0.0985387	0.523066	-1.91181
cg19051042	KRT19	0.0196924	0.0725371	0.379965	-2.63182	0.000683344	0.0816154	-12.2526	0.0220912	0.265665	-3.76414	0.569829	0.757764	-1.31967	0.0332642	0.300663	-3.32599
cg05396212	KRT19	0.0222976	0.0297453	6.95357	6.95357	0.0121386	10.697	10.697	0.228259	2.60824	2.60824	0.177633	2.96257	2.96257	0.0157743	9.41635	9.41635
cg16585619	KRT19	0.0295931	0.0384013	2.37714	2.37714	0.224002	1.58578	1.58578	0.92421	0.966238	-1.03494	0.345462	1.42007	1.42007	0.0216899	2.70423	2.70423
cg09692449	KRT19	0.0399119	0.111668	0.522302	-1.9146	0.00396829	0.234045	-4.27269	0.0527741	0.438081	-2.28268	0.982724	1.00815	1.00815	0.0372674	0.403989	-2.47532
cg13002493	KRT19	0.0498764	0.0234853	29.2303	29.2303	0.0132153	46.1035	46.1035	0.0321227	22.8915	22.8915	0.558874	2.09017	2.09017	0.0253136	27.5639	27.5639
cg16405957	KRT2	1.29E-05	0.00180022	0.711612	-1.40526	0.109174	0.874714	-1.14323	7.05E-06	0.466996	-2.14135	0.0834219	0.863429	-1.15817	0.237553	1.09946	1.09946
cg20210559	KRT2	0.000171308	1.93E-05	0.202824	-4.93039	0.0272995	0.618568	-1.61664	0.46863	0.873181	-1.14524	0.0960744	0.714532	-1.39952	1.51E-05	0.192198	-5.20298
cg00463848	KRT2	0.000379297	0.00331518	0.578124	-1.72973	0.882129	1.02054	1.02054	1.02E-05	0.273534	-3.65585	0.503137	0.911102	-1.09757	0.89577	1.01812	1.01812
cg04588380	KRT2	0.000454339	0.00139253	0.362784	-2.75646	0.872755	1.03571	1.03571	0.000183295	0.250494	-3.99211	0.0934864	0.667758	-1.49755	0.00231033	0.393798	-2.53937
cg04475846	KRT2	0.000653423	0.0452271	0.647921	-1.5434	0.160945	1.32693	1.32693	0.00503795	0.496217	-2.01525	0.0375698	1.57737	1.57737	0.0503922	0.656192	-1.52394
cg20479688	KRT2	0.00202336	0.0109365	0.420769	-2.3766	0.00173551	0.297977	-3.35596	0.000651587	0.242509	-4.12355	0.021543	0.473217	-2.11319	0.0132138	0.434952	-2.29911
cg23901700	KRT20	3.59E-06	0.244071	0.88584	-1.12887	0.0663901	1.22726	1.22726	1.20E-07	0.186487	-5.36229	0.304407	0.899613	-1.11159	0.00504595	0.69153	-1.44607
cg24880892	KRT20	0.000243105	0.429716	0.796172	-1.25601	3.49E-05	0.104193	-9.59755	6.28E-05	0.124439	-8.03608	0.000830247	0.240978	-4.14975	0.000745721	0.235216	-4.25141
cg19449377	KRT20	0.000613991	0.936333	0.982369	-1.01795	0.928829	1.02009	1.02009	8.17E-05	0.205708	-4.86126	0.000289798	0.268146	-3.72932	0.0841886	0.653506	-1.53021
cg00091693	KRT20	0.00208253	0.0570639	0.497245	-2.01108	0.00458205	0.293806	-3.40361	0.00262601	0.258835	-3.86347	0.00221016	0.248589	-4.02271	0.00850769	0.336292	-2.97361
cg19114576	KRT20	0.00322583	0.21897	1.20746	1.20746	0.0160552	0.650703	-1.5368	8.34E-05	0.356069	-2.80845	0.0864255	0.758662	-1.31811	0.466499	0.897578	-1.11411
cg13602343	KRT20	0.00553538	0.0468173	0.426367	-2.3454	0.000527793	0.132326	-7.55708	0.00446969	0.241685	-4.13761	0.418098	0.733504	-1.36332	0.0134565	0.317879	-3.14585
cg25124433	KRT20	0.00790949	0.583444	1.12944	1.12944	0.0807551	0.653337	-1.5306	0.000953263	0.338852	-2.95114	0.0939197	0.667086	-1.49906	0.601646	0.890681	-1.12274
cg24222083	KRT222	0.000159214	0.0679486	0.595043	-1.68055	6.68E-06	0.0787539	-12.6978	0.00012129	0.181843	-5.49924	0.00898916	0.430191	-2.32455	0.0013274	0.30563	-3.27193
cg04091180	KRT222	0.000548861	0.466466	0.844303	-1.18441	0.00467784	0.423695	-2.36019	7.56E-06	0.10562	-9.4679	0.0495805	0.599516	-1.66801	0.0975023	0.66017	-1.51476
cg13069385	KRT222	0.0380068	0.642708	0.791499	-1.26343	0.00523389	0.15825	-6.31913	0.0160528	0.228795	-4.37073	0.226314	0.529482	-1.88864	0.163889	0.475437	-2.10333
cg23776012	KRT222;KRT222	0.00228576	0.0366489	0.460029	-2.17378	0.00339236	3.57438	3.57438	0.0233379	2.37895	2.37895	0.748795	1.10821	1.10821	?	?	?
cg12029804	KRT222;KRT222	0.0382195	0.00454158	0.586698	-1.70445	0.0900252	1.30155	1.30155	0.232962	1.19293	1.19293	0.41488	0.889091	-1.12474	0.262744	0.84815	-1.17904
cg24059694	KRT23	4.36E-05	0.000695039	0.472203	-2.11773	0.00328703	0.559453	-1.78746	6.07E-06	0.229943	-4.3489	0.00103431	0.494252	-2.02326	4.49E-05	0.326332	-3.06436
cg12474695	KRT23	0.000329263	0.0667774	0.770228	-1.29832	0.330802	1.13595	1.13595	0.000113145	0.422621	-2.36619	0.621798	0.938791	-1.0652	0.00491733	1.60529	1.60529
cg06298244	KRT23	0.002888	0.0210119	0.512024	-1.95303	0.0010292	0.309518	-3.23083	0.000136013	0.203482	-4.91445	0.0440982	0.572517	-1.74667	0.0108042	0.46209	-2.16408
cg02735736	KRT23	0.0333423	0.472158	1.32617	1.32617	0.0289623	2.70176	2.70176	0.0834992	0.477357	-2.09487	0.0681414	0.454531	-2.20007	0.0262932	2.76559	2.76559
cg14002185	KRT23	0.0441716	0.190724	0.639406	-1.56395	0.690929	0.878979	-1.13768	0.0640806	0.510861	-1.95748	0.776622	0.912274	-1.09616	0.0128857	0.369116	-2.70918
cg21336116	KRT23;KRT23	0.0279159	0.100032	1.71452	1.71452	0.703416	1.12124	1.12124	0.00819652	0.363489	-2.75112	0.621381	0.861623	-1.1606	0.00732399	0.355464	-2.81323
cg23737768	KRT24	8.58E-06	0.0857475	0.724831	-1.37963	0.0381644	0.665517	-1.50259	2.72E-07	0.0759944	-13.1589	0.438402	1.14333	1.14333	0.0246668	0.635489	-1.57359
cg06899912	KRT24	0.00013562	0.797472	0.969888	-1.03105	0.964463	0.994717	-1.00531	7.87E-05	0.427903	-2.33698	0.000339386	0.503368	-1.98662	0.000107612	0.444	-2.25225
cg12564187	KRT24	0.00275625	0.81325	0.957802	-1.04406	0.852044	1.0346	1.0346	0.00216174	0.456395	-2.19108	0.332934	0.833634	-1.19957	0.0436916	0.655438	-1.5257
cg24340657	KRT24	0.00327586	0.268305	0.70379	-1.42088	0.0215544	0.431325	-2.31844	0.00224685	0.271675	-3.68087	0.0467178	0.499687	-2.00125	0.00152136	0.248865	-4.01824
cg04219544	KRT24	0.00419578	0.0205253	0.222888	-4.48656	0.00308642	0.113251	-8.82995	0.00338089	0.117234	-8.52998	0.051824	0.304182	-3.28751	0.00392094	0.123948	-8.06792
cg27316026	KRT24;KRT24	0.000134672	0.901221	0.969405	-1.03156	0.00107539	0.298622	-3.34872	2.33E-05	0.120559	-8.29472	0.0567155	0.582918	-1.71551	0.00578285	0.404618	-2.47146
cg22983092	KRT25;KRT25	0.0108208	0.0834902	0.453402	-2.20555	0.0949672	0.468798	-2.13311	0.0324477	0.355658	-2.81169	0.0624168	0.42067	-2.37716	0.000442302	0.10123	-9.8785
cg03423171	KRT26	2.40E-08	0.00484805	0.761587	-1.31305	1.50E-09	0.116939	-8.55144	3.61E-09	0.14647	-6.82735	0.165602	1.11383	1.11383	0.0128179	0.79823	-1.25277
cg02159527	KRT26	6.43E-06	0.000141388	2.90837	2.90837	3.75E-05	0.275943	-3.62394	3.00E-06	0.163765	-6.10631	0.00144162	0.472931	-2.11447	0.596825	1.09067	1.09067
cg04484789	KRT26	5.64E-05	0.778239	1.06574	1.06574	0.63372	0.897395	-1.11434	1.76E-05	0.137855	-7.25398	1.83E-05	0.139354	-7.17595	0.621367	0.893795	-1.11882
cg06456531	KRT26	0.00622813	0.00710797	0.162863	-6.14013	0.00609225	0.154314	-6.48028	0.0204676	0.232806	-4.29543	0.111774	0.404995	-2.46917	0.00707181	0.162574	-6.15104
cg11079711	KRT26	0.0230087	0.0490665	0.304065	-3.28877	0.413113	0.641874	-1.55794	0.00985661	0.177594	-5.63081	0.125404	0.415263	-2.40811	0.0276861	0.251768	-3.97192
cg06175447	KRT26;KRT26	7.00E-05	0.239142	0.807282	-1.23872	6.44E-05	0.279327	-3.58003	1.06E-05	0.195026	-5.12752	7.52E-05	0.287106	-3.48304	0.657071	0.925338	-1.08069
cg10173723	KRT27	3.86E-05	0.337616	0.773777	-1.29236	0.118508	0.644246	-1.5522	9.50E-06	0.0840138	-11.9028	0.637723	0.884215	-1.13095	1.46E-06	0.0419245	-23.8524
cg04578777	KRT27	0.0001223	0.000100488	0.302774	-3.30279	5.77E-05	0.274717	-3.64011	0.000190436	0.336376	-2.97286	0.000245077	0.349971	-2.85738	4.22E-05	0.259334	-3.85603
cg09563851	KRT27	0.000129705	0.0112625	0.293133	-3.41142	4.05E-05	0.0483839	-20.668	0.000489888	0.121111	-8.2569	0.0108494	0.290396	-3.44357	0.000129083	0.076409	-13.0875
cg14504826	KRT27	0.000248039	0.385977	1.43505	1.43505	0.000183706	0.07659	-13.0565	0.000408631	0.102105	-9.79383	0.0375968	0.375183	-2.66537	0.000146599	0.0703097	-14.2228
cg16488522	KRT27	0.000347276	0.721879	0.917723	-1.08965	0.771975	1.0723	1.0723	0.000111807	0.195619	-5.11198	0.520822	0.855262	-1.16923	4.35E-05	0.155134	-6.44604
cg16471481	KRT27	0.00107147	0.900356	1.03114	1.03114	0.806194	0.941602	-1.06202	2.01E-05	0.121093	-8.25812	0.850726	0.954929	-1.0472	0.969545	0.990698	-1.00939
cg09813090	KRT27	0.00279199	0.035148	0.292016	-3.42447	0.0154022	0.225059	-4.44327	0.00112876	0.0903737	-11.0652	0.00876667	0.187393	-5.33638	0.00157149	0.102518	-9.7544
cg02399249	KRT27	0.0106233	0.00531691	9.55628	9.55628	0.548943	1.45166	1.45166	0.304008	0.51983	-1.92371	0.0189122	0.174281	-5.73785	0.272193	0.495384	-2.01864
cg10747531	KRT27	0.0211592	0.0757496	1.86702	1.86702	0.016998	0.398795	-2.50756	0.0365026	0.464071	-2.15484	0.0218676	0.419392	-2.3844	0.0303168	0.447418	-2.23505
cg01715266	KRT27	0.0212723	0.0300248	5.70752	5.70752	0.314688	2.03307	2.03307	0.440429	0.584547	-1.71073	?	?	?	0.0245774	0.160848	-6.21705
cg04252152	KRT27	0.0326745	0.693374	1.15029	1.15029	0.455038	0.76426	-1.30846	0.000732882	0.163119	-6.13048	0.13823	0.568967	-1.75757	0.41505	1.34227	1.34227
cg07830534	KRT28	3.87E-06	0.415115	0.862159	-1.15988	5.27E-05	0.260562	-3.83785	5.54E-06	0.160889	-6.21547	0.205392	1.26856	1.26856	0.00011835	0.301346	-3.31845
cg05063374	KRT28	1.67E-05	0.000245694	0.356458	-2.80538	3.85E-06	0.159814	-6.25727	0.160284	0.774576	-1.29103	0.864001	0.971229	-1.02962	2.22E-05	0.234837	-4.25827
cg20617637	KRT28	0.000187162	0.00244387	0.167131	-5.98333	4.29E-05	0.0369493	-27.0641	0.000461088	0.0964507	-10.368	0.0106314	0.255927	-3.90736	0.000507174	0.0997633	-10.0237
cg16048803	KRT28	0.00087792	0.00214435	0.15005	-6.66446	0.00193271	0.145111	-6.8913	0.00055945	0.0949493	-10.5319	0.0562564	0.386315	-2.58856	0.0205751	0.293108	-3.41171
cg21291771	KRT28	0.00104349	0.634186	0.890242	-1.12329	5.15E-05	0.159163	-6.28287	0.000126454	0.198217	-5.04499	0.305465	0.773095	-1.2935	0.0461173	0.574509	-1.74062
cg12841525	KRT28	0.00643354	0.537263	1.15648	1.15648	0.197232	1.37331	1.37331	0.0075105	0.449018	-2.22708	0.792794	0.940575	-1.06318	0.000331166	0.259624	-3.85172
cg17985300	KRT28	0.014883	0.020345	0.215736	-4.63529	0.0291536	0.244188	-4.09521	0.676916	0.794685	-1.25836	0.0644965	0.320137	-3.12366	0.0210964	0.218461	-4.57747
cg07008343	KRT28	0.0361892	0.113425	0.332923	-3.0037	0.0104652	0.127769	-7.82661	0.0617463	0.260968	-3.83189	0.172645	0.395857	-2.52617	0.0703002	0.27478	-3.63928
cg01039498	KRT3	0.000837859	0.7409	1.06193	1.06193	0.0248353	0.616503	-1.62205	0.000113835	0.293239	-3.41019	0.426847	0.863362	-1.15826	0.821231	0.959844	-1.04184
cg08594888	KRT3	0.0105087	0.0626204	3.93643	3.93643	0.0030529	14.2058	14.2058	0.0746503	3.66443	3.66443	0.040964	4.67712	4.67712	0.0197403	6.30541	6.30541
cg16532262	KRT3	0.0128867	0.012072	0.225614	-4.43236	0.0982441	0.422008	-2.36962	0.00452254	0.165326	-6.04867	0.171838	0.500608	-1.99757	0.00744388	0.194051	-5.15329
cg14782970	KRT3	0.0165066	0.410857	0.663757	-1.50657	0.00825297	0.192744	-5.18822	0.206507	0.522395	-1.91426	0.855181	1.09312	1.09312	0.0665366	0.366884	-2.72566
cg08691567	KRT3	0.0244814	0.0477477	5.82958	5.82958	0.00645915	15.7682	15.7682	0.16551	3.16427	3.16427	0.221011	2.72361	2.72361	0.215056	2.76312	2.76312
cg13885357	KRT3	0.0285343	0.0500894	37.3365	37.3365	0.00870711	225.202	225.202	0.09367	19.8329	19.8329	0.153437	11.904	11.904	0.212357	8.40262	8.40262
cg15608277	KRT3	0.0344376	0.0375162	16.4911	16.4911	0.00727438	55.7223	55.7223	0.1062	7.75952	7.75952	0.146565	6.1081	6.1081	0.221145	4.45311	4.45311
cg01492330	KRT3	0.0449726	0.046416	19.7275	19.7275	0.0122228	59.192	59.192	0.174041	6.62156	6.62156	0.186744	6.23055	6.23055	0.250699	4.80148	4.80148
cg00063144	KRT31	0.000520884	0.0627958	0.781359	-1.27982	0.0158599	0.705955	-1.41652	4.17E-05	0.398685	-2.50825	0.0169771	0.709572	-1.4093	0.208589	0.855365	-1.16909
cg24910374	KRT31	0.00124678	0.000803423	0.248166	-4.02957	0.208893	0.694235	-1.44044	0.00202019	0.301251	-3.31949	0.00310635	0.328081	-3.04802	0.000148156	0.165806	-6.03114
cg11473240	KRT31	0.00813715	0.164321	0.579177	-1.72659	0.927203	1.03421	1.03421	0.0207435	0.358865	-2.78656	0.223697	0.62468	-1.60082	0.0798713	0.489026	-2.04488
cg20125516	KRT31	0.011376	0.0534579	0.456554	-2.19032	0.106644	0.532759	-1.87702	0.042478	0.433842	-2.30499	0.0466479	0.442954	-2.25757	0.0195397	0.36469	-2.74206
cg23674788	KRT32	7.31E-06	0.0897326	0.878739	-1.13799	0.0013518	0.724951	-1.3794	1.54E-06	0.431968	-2.31499	0.0036241	0.761804	-1.31267	0.00326998	0.758015	-1.31924
cg25598400	KRT32	0.0125871	0.0230461	0.308233	-3.2443	0.0122212	0.258776	-3.86434	0.187577	0.546223	-1.83075	0.118734	0.480332	-2.08189	0.00351596	0.180167	-5.55041
cg08611714	KRT32	0.0179104	0.0622278	0.305305	-3.27541	0.0126107	0.173243	-5.77225	0.00612992	0.132461	-7.54937	0.017483	0.194972	-5.12894	0.0124495	0.172432	-5.7994
cg24318032	KRT32	0.0251974	0.0174397	0.174624	-5.72657	0.03689	0.231864	-4.31288	0.0741537	0.301231	-3.31971	0.139695	0.383544	-2.60726	0.0318264	0.219359	-4.55875
cg21479786	KRT33A	4.95E-05	0.00316842	0.308174	-3.24492	0.191844	0.668032	-1.49693	0.000156093	0.151054	-6.62015	0.0185109	0.434304	-2.30253	0.0027876	0.300102	-3.3322
cg24164612	KRT33A	0.000226131	0.0832255	0.806434	-1.24003	0.00966117	0.692564	-1.44391	1.30E-05	0.358267	-2.79121	0.381299	1.10598	1.10598	0.259558	1.14104	1.14104
cg12818940	KRT33A	0.00123023	0.967683	0.990523	-1.00957	0.0166215	1.98864	1.98864	0.000184194	0.22642	-4.41658	0.512146	0.855332	-1.16914	0.922443	0.977371	-1.02315
cg16885511	KRT33A	0.00455049	0.0215751	0.4571	-2.18771	0.00910437	0.39061	-2.5601	0.0275599	0.477472	-2.09436	0.061919	0.550797	-1.81555	0.0184649	0.444517	-2.24963

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17360680	0.1023	0.385416	-2.5946	0.000995213	0.0737158	-13.5656	0.00847151	0.166587	-6.00285	0.0435637	0.290121	-3.44684	5.57006	25.0844	4.00306	1
cg10538533	0.871853	0.945338	-1.05782	0.512493	1.26024	1.26024	0.00556342	0.281341	-3.55441	0.360707	1.38707	1.38707	5.07531	9.7464	1.70698	1
cg13594463	0.435894	0.707075	-1.41428	0.0924366	0.445964	-2.24233	0.0560842	0.389261	-2.56897	0.0968644	0.451728	-2.21372	3.63526	10.9472	2.67681	1
cg10926148	0.449553	1.32257	1.32257	0.382118	0.722367	-1.38434	0.0611959	0.465147	-2.14986	0.00465886	0.255299	-3.91697	3.52315	7.34564	1.8533	1
cg24249775	0.0534426	0.388458	-2.57428	0.648819	1.21851	1.21851	0.197819	1.79807	1.79807	0.0653765	0.410013	-2.43895	12.4759	36.7108	2.61558	1
cg15432367	0.100369	0.686383	-1.45691	0.000509693	0.321443	-3.11097	0.278879	1.26539	1.26539	0.0229302	0.566149	-1.76632	5.08919	3.52293	0.615322	1
cg03059535	0.259624	0.562221	-1.77866	0.062765	0.358684	-2.78797	0.649305	0.799169	-1.2513	0.00804588	0.189659	-5.27262	4.02382	15.2819	3.37587	1
cg23611636	0.0198219	0.626082	-1.59724	1.67E-06	0.135248	-7.39383	0.000419345	0.39418	-2.53691	0.958376	0.991349	-1.00873	34.6106	15.1901	0.390121	1
cg04647241	0.0709131	0.617403	-1.61969	1.61E-05	0.119492	-8.36877	2.86E-05	0.140159	-7.13478	0.0130522	0.479043	-2.08749	26.1006	23.6106	0.804089	1
cg02756698	0.196398	0.739575	-1.35213	0.76815	1.06747	1.06747	7.32E-06	0.112646	-8.87735	0.495997	1.16493	1.16493	22.6318	17.4826	0.686647	1
cg18037190	0.398579	1.19248	1.19248	0.410039	0.842316	-1.1872	5.99E-05	0.220673	-4.53158	0.313862	0.808837	-1.23634	18.0378	11.8517	0.584043	1
cg12544557	0.18477	1.77437	1.77437	0.000720924	8.1469	8.1469	0.00277316	5.37671	5.37671	0.0187863	3.19206	3.19206	6.72368	17.6991	2.33987	1
cg12437115	0.0171683	0.303466	-3.29526	0.0177996	0.306338	-3.26437	0.000956249	0.13256	-7.54376	0.151386	0.531937	-1.87992	6.10129	16.2927	2.37366	1
cg26299044	0.0378151	0.0966416	-10.3475	0.00126799	0.0104319	-95.8594	0.0130275	0.0503463	-19.8624	0.0141929	0.0531086	-18.8293	5.79051	86.3212	13.251	1
cg04986934	0.970589	0.99152	-1.00855	0.00842921	0.459719	-2.17524	0.562078	1.145	1.145	0.511306	1.16636	1.16636	4.86685	4.11291	0.751187	1
cg09103073	0.202271	1.54108	1.54108	0.000847881	5.00937	5.00937	0.0526838	2.02906	2.02906	0.0155329	2.59457	2.59457	4.65585	7.60961	1.45282	1
cg09735896	0.0382541	0.413019	-2.4212	0.0195828	0.353929	-2.82542	0.104122	0.519817	-1.92375	0.474067	0.764837	-1.30747	4.39966	9.44822	1.90888	1
cg13831570	0.67911	0.814838	-1.22724	0.00872164	0.193014	-5.18097	0.199325	0.512973	-1.94942	0.796602	1.13558	1.13558	3.67581	14.106	3.41113	1
cg13430376	0.1174	0.701954	-1.42459	0.349365	1.22197	1.22197	1.81E-06	0.08419	-11.8779	0.2474	0.777511	-1.28616	22.8972	15.7025	0.609584	1
cg13350783	0.658506	1.10785	1.10785	0.000270116	0.252726	-3.95686	2.79E-05	0.149696	-6.68021	0.442207	0.834913	-1.19773	16.2708	13.663	0.74642	1
cg16023337	0.0224029	0.498911	-2.00436	0.000318459	0.22731	-4.39927	0.496463	0.839043	-1.19183	0.690556	0.903298	-1.10705	7.97462	8.15855	0.909391	1
cg10742225	0.98544	1.00538	1.00538	0.74829	0.909705	-1.09926	0.0107169	0.389593	-2.56678	0.882948	1.04426	1.04426	5.09547	6.97226	1.21629	1
cg07381973	0.117953	0.672474	-1.48705	0.132444	1.46151	1.46151	0.00535451	0.424305	-2.3568	0.0938229	0.650088	-1.53825	5.04557	4.36538	0.769057	1
cg09221478	0.00210235	0.252073	-3.96711	3.31E-05	0.0768285	-13.016	0.000151094	0.125949	-7.93974	0.00271636	0.267385	-3.73992	16.9011	27.1641	1.42865	1
cg02518899	0.250472	1.20921	1.20921	0.000471634	0.419364	-2.38456	0.00109651	0.466894	-2.14181	0.0381166	0.683699	-1.46263	18.8655	7.47718	0.352304	1
cg07284632	0.114581	1.19525	1.19525	0.728819	0.964475	-1.03683	0.000562452	0.573659	-1.7432	0.563903	1.06251	1.06251	17.4694	2.9884	0.152058	1
cg04592226	0.116517	0.567349	-1.76258	0.573936	0.82795	-1.2078	0.00461143	0.285679	-3.50043	0.467544	0.782184	-1.27847	5.38709	9.42299	1.55483	1
cg13675957	0.569607	1.05224	1.05224	0.00291087	1.43694	1.43694	0.197264	1.12837	1.12837	0.232421	0.894977	-1.11735	24.3092	3.02256	0.110523	1
cg23128056	0.338356	0.776756	-1.28741	0.4263	1.23113	1.23113	3.49E-05	0.129063	-7.74813	0.139969	0.665986	-1.50153	17.0723	17.7163	0.922419	1
cg15801433	0.0102784	0.34184	-2.92535	4.51E-05	0.0771804	-12.9567	0.00242899	0.246373	-4.05888	0.0372507	0.448215	-2.23107	12.8091	22.3459	1.55071	1
cg11983245	0.0706405	0.612472	-1.63273	0.0164738	0.491085	-2.03631	5.80E-05	0.163875	-6.10223	0.961124	1.0119	1.0119	10.3483	9.65202	0.82908	1
cg12253845	0.120986	0.575327	-1.73814	0.0108873	0.34959	-2.8605	0.000245707	0.136479	-7.32713	0.415092	0.760429	-1.31505	8.13801	13.9312	1.52166	1
cg24457403	0.603392	0.90829	-1.10097	0.0447003	0.655109	-1.52646	0.000156988	0.30513	-3.27729	0.274596	0.811702	-1.23198	19.8955	10.6128	0.474159	1
cg17944561	0.693661	0.857135	-1.16668	0.001135	0.154969	-6.45289	0.00304578	0.205829	-4.85841	0.443116	0.737489	-1.35595	6.31469	15.1657	2.1348	1
cg26336935	0.283859	0.575024	-1.73906	0.00610861	0.168861	-5.92204	0.00786113	0.183604	-5.44649	0.033957	0.292196	-3.42236	4.6578	18.2214	3.47735	1
cg16393749	0.893919	0.975969	-1.02462	0.299212	1.21673	1.21673	0.19478	0.778756	-1.2841	0.335848	0.834489	-1.19834	3.40745	1.79392	0.467972	1
cg25171014	0.0317992	0.538171	-1.85815	0.142867	0.678595	-1.47363	0.350951	1.26664	1.26664	0.656198	0.895551	-1.11663	3.38832	3.25309	0.853412	1
cg20762586	0.224445	0.82552	-1.21136	0.000848972	0.470707	-2.12447	0.000594529	0.450854	-2.21802	0.258436	0.837631	-1.19384	11.8691	4.24413	0.317848	1
cg27478659	0.275817	0.689991	-1.44929	0.12146	0.577188	-1.73254	0.0339196	0.444616	-2.24913	0.0144732	0.372961	-2.68125	6.4657	10.972	1.5084	1
cg01809214	0.106238	1.21848	1.21848	0.750719	0.964927	-1.03635	0.00892521	0.688912	-1.45156	0.254043	0.875099	-1.14273	8.0208	1.59395	0.176647	1
cg11344638	0.00845558	1.52524	1.52524	0.257864	1.1598	1.1598	0.146835	1.21592	1.21592	0.303793	1.14308	1.14308	6.41442	1.60151	0.221932	1
cg04487720	0.166821	0.681457	-1.46744	0.00754353	0.408804	-2.44616	0.000485116	0.240928	-4.15062	0.464641	0.823948	-1.21367	5.5741	5.97713	0.953158	1
cg27236973	0.235849	0.466468	-2.14377	0.00340351	0.0868394	-11.5155	0.0486779	0.251021	-3.98373	0.221712	0.454556	-2.19995	4.35887	26.0135	5.30485	1
cg08058191	0.684848	0.873099	-1.14534	0.545969	0.816086	-1.22536	0.492631	0.793138	-1.26081	0.344509	1.38242	1.38242	4.11952	7.2168	1.5572	1
cg19003337	0.0408597	0.543495	-1.83994	0.0188876	0.479729	-2.08451	0.134504	0.659132	-1.51715	0.0225123	0.493662	-2.02568	6.46987	6.83733	0.939375	1
cg06196636	0.0444103	1.33925	1.33925	0.0138132	1.46966	1.46966	0.741888	1.04271	1.04271	0.428205	0.902722	-1.10776	5.58739	1.41668	0.225378	1
cg07652628	0.00555748	1.95214	1.95214	0.000386612	2.8282	2.8282	0.0537211	1.49518	1.49518	0.542516	0.892968	-1.11986	7.36158	3.93158	0.474727	1
cg16747714	0.326402	1.22728	1.22728	0.888872	1.02866	1.02866	0.133581	0.721042	-1.38688	0.00131588	0.38871	-2.57261	5.90831	3.82304	0.575165	1
cg04799958	0.0457521	2.00595	2.00595	0.790929	1.08411	1.08411	0.0209588	2.32641	2.32641	0.113465	1.68796	1.68796	4.54137	6.6451	1.30065	1
cg11698119	0.0172553	0.667365	-1.49843	0.0823904	1.30766	1.30766	0.0697585	0.753725	-1.32674	0.316733	0.865632	-1.15523	4.46281	1.37371	0.273612	1
cg22221657	0.0622605	0.868175	-1.15184	0.40778	1.05869	1.05869	0.0433486	0.855124	-1.16942	0.00709201	0.791115	-1.26404	3.71903	0.267202	0.0638643	1
cg14212748	0.0968769	1.46345	1.46345	0.263622	1.27571	1.27571	0.588796	1.1208	1.1208	0.017261	0.545459	-1.83332	3.58977	2.48246	0.614701	1
cg16046980	0.73983	1.04393	1.04393	0.00305053	0.592413	-1.68801	0.29926	0.870407	-1.14889	0.370531	1.12596	1.12596	10.2711	2.70754	0.234319	1
cg27608102	0.144906	0.571182	-1.75076	0.000830582	0.165284	-6.05019	0.0185401	0.360092	-2.77707	0.0443513	0.437734	-2.28449	5.58772	11.3241	1.80143	1
cg19051042	0.0691431	0.374522	-2.67007	0.0470242	0.333595	-2.99765	0.138813	0.463238	-2.15872	0.497074	0.716781	-1.39513	4.72939	17.4706	3.2836	1
cg05396212	0.0200801	8.38366	8.38366	0.0114998	10.9845	10.9845	0.00829465	12.916	12.916	0.0301028	6.91436	6.91436	4.53298	41.258	8.09043	1
cg16585619	0.0196684	2.76518	2.76518	0.0106812	3.18464	3.18464	0.212528	1.60629	1.60629	0.00463112	3.89501	3.89501	4.10668	8.47344	1.83407	1
cg09692449	0.0382863	0.406537	-2.4598	0.0575376	0.446986	-2.23721	0.0441526	0.420264	-2.37946	0.912749	0.959741	-1.04195	3.68613	8.20525	1.97865	1
cg13002493	0.231566	4.78286	4.78286	0.260196	4.32671	4.32671	0.0808736	11.182	11.182	0.018361	35.4802	35.4802	3.39132	83.5543	21.9002	1
cg16405957	0.000380302	1.54483	1.54483	1.04E-06	0.375308	-2.66448	0.398975	0.935972	-1.06841	0.879336	0.988426	-1.01171	37.9416	3.52859	0.0826671	1
cg20210559	0.0119451	0.561643	-1.78049	0.0401984	0.646623	-1.5465	0.071451	0.690568	-1.44808	0.00039605	0.35435	-2.82207	19.1577	10.2633	0.476202	1
cg00463848	0.638914	0.9373	-1.06689	0.737491	1.04717	1.04717	0.00031978	0.450172	-2.22137	0.132191	0.80042	-1.24934	15.4244	4.58589	0.264279	1
cg04588380	0.494517	0.859113	-1.16399	4.32E-05	0.182724	-5.47272	0.00175727	0.376887	-2.65332	0.0434883	0.60156	-1.66234	14.6747	11.137	0.674599	1
cg04475846	0.00645813	0.512217	-1.9523	4.21E-05	0.229389	-4.3594	0.00861212	0.531067	-1.883	0.00632741	0.510891	-1.95737	13.2641	7.49666	0.502384	1
cg20479688	0.199113	1.44449	1.44449	0.136027	1.54559	1.54559	0.0975478	1.63682	1.63682	0.0397285	0.524921	-1.90505	9.60933	11.1805	1.03423	1
cg23901700	0.0102241	0.724674	-1.37993	1.03E-06	0.28001	-3.5713	0.0191069	0.754195	-1.32592	0.709108	1.03798	1.03798	52.8673	8.28343	0.139274	1
cg24880892	0.982671	1.00616	1.00616	0.361895	0.767198	-1.30344	0.00321948	0.32086	-3.11662	0.00700503	0.373048	-2.68062	17.4222	22.0632	1.12568	1
cg19449377	0.965905	1.00956	1.00956	0.0963905	0.665996	-1.50151	0.000166094	0.239687	-4.1721	0.572955	0.880885	-1.13522	13.4968	10.5977	0.697956	1
cg00091693	0.0294822	0.435204	-2.29777	0.00126953	0.217421	-4.59937	0.000327067	0.151983	-6.5797	0.145765	0.602407	-1.66001	9.52888	15.8927	1.48253	1
cg19114576	0.214358	1.21	1.21	0.250942	1.19115	1.19115	0.363275	0.872628	-1.14596	0.768723	1.04393	1.04393	8.37537	2.82053	0.299346	1
cg13602343	0.610397	0.824923	-1.21224	0.00164896	0.185003	-5.40532	0.0934936	0.501096	-1.99563	0.540202	0.792739	-1.26145	7.11353	15.8057	1.97505	1
cg25124433	0.343196	1.2394	1.2394	0.000796074	0.328419	-3.04489	0.342848	0.806707	-1.23961	0.500162	0.860341	-1.16233	6.36689	4.87149	0.680113	1
cg24222083	0.00451522	0.382521	-2.61424	0.0251211	0.508437	-1.96681	0.000532553	0.254306	-3.93227	0.746666	0.920993	-1.08579	19.5402	19.954	0.907711	1
cg04091180	0.888381	0.968437	-1.03259	0.122524	0.682377	-1.46547	0.00261793	0.386093	-2.59005	0.631097	0.895394	-1.11683	13.9252	11.5027	0.734256	1
cg13069385	0.0952737	0.399575	-2.50266	0.0226859	0.255299	-3.91698	0.0488395	0.324343	-3.08315	0.477295	1.4357	1.4357	3.75289	14.8892	3.52659	1
cg23776012	0.00113748	0.216397	-4.62114	0.0294079	0.440283	-2.27127	0.108538	1.75032	1.75032	0.148894	1.64058	1.64058	9.48327	13.6531	1.4397	1
cg12029804	0.14672	0.802761	-1.2457	0.0336798	0.70476	-1.41892	0.825986	0.96942	-1.03154	0.456602	1.11287	1.11287	3.74523	1.18013	0.28009	1
cg24059694	0.0567764	0.731509	-1.36704	1.06E-05	0.255645	-3.91168	0.000888053	0.485774	-2.05857	0.00323688	0.558575	-1.79027	27.6	9.19093	0.296004	1
cg12474695	0.0252582	1.40207	1.40207	0.0231851	1.41168	1.41168	0.000223762	0.458325	-2.18186	0.0177833	0.693461	-1.44204	16.0359	4.09806	0.22716	1
cg06298244	0.0569202	0.594819	-1.68118	0.104919	0.652296	-1.53305	0.0178329	0.499368	-2.00253	0.0360173	0.55541	-1.80047	8.65529	7.96942	0.81845	1
cg02735736	0.872289	1.06407	1.06407	0.0851119	0.479571	-2.0852	0.101058	0.49999	-2.00004	0.23399	0.61778	-1.6187	3.93543	9.28744	2.09774	1
cg14002185	0.0720768	1.91174	1.91174	0.0334143	0.448306	-2.23062	0.726379	1.12008	1.12008	0.140573	1.66808	1.66808	3.5501	5.85781	1.4667	1
cg21336116	0.238189	1.44718	1.44718	0.040596	0.492944	-2.02863	0.852456	0.945824	-1.05728	0.43007	0.785873	-1.27247	4.19222	5.9423	1.25996	1
cg23737768	0.00224873	0.484443	-2.06423	3.64E-06	0.159125	-6.28436	0.000198298	0.346659	-2.88468	0.897592	0.978416	-1.02206	42.2157	19.2005	0.404282	1
cg06899912	0.000161124	0.464824	-2.15135	0.000166229	0.466436	-2.14392	0.650224	1.05577	1.05577	0.00457706	0.63837	-1.56649	20.4031	4.56774	0.199	1
cg12564187	0.751429	1.0596	1.0596	6.54E-05	0.263135	-3.80033	0.762704	1.05672	1.05672	0.30495	0.824036	-1.21354	8.77576	4.6132	0.467267	1
cg24340657	0.92622	1.02862	1.02862	0.000391613	0.1788	-5.59283	0.00721978	0.347762	-2.87553	0.383408	0.761623	-1.31299	8.33703	12.2555	1.30667	1
cg04219544	0.0114991	0.182637	-5.47535	0.00083763	0.0670124	-14.9226	0.0134293	0.192744	-5.18822	0.0261366	0.241871	-4.13443	7.74006	35.4598	4.0723	1
cg27316026	0.223378	0.726054	-1.37731	9.00E-06	0.0901521	-11.0924	0.00505218	0.395439	-2.52884	0.668916	0.897943	-1.11366	20.4417	20.2727	0.88154	1
cg22983092	0.0773055	0.444478	-2.24983	0.115176	0.493028	-2.02828	0.00524551	0.21867	-4.5731	0.0298668	0.348146	-2.87236	5.76293	15.5588	2.39983	1
cg03423171	0.309644	0.926215	-1.07966	3.04E-05	0.551992	-1.81162	4.94E-07	0.358286	-2.79107	0.0115794	0.794419	-1.25878	188.738	15.8878	0.0748261	1
cg02159527	0.0269626	0.653194	-1.53094	4.30E-05	0.282695	-3.53738	6.39E-06	0.194588	-5.13907	0.603673	1.08888	1.08888	45.4851	19.0413	0.372113	1
cg04484789	0.000636461	0.306335	-3.2644	0.000243924	0.254715	-3.92596	7.69E-05	0.198791	-5.0304	0.763206	1.07052	1.07052	25.7908	20.7744	0.715996	1
cg06456531	0.281143	0.557318	-1.79431	0.000792777	0.0709599	-14.0925	0.00638127	0.156845	-6.37574	0.033181	0.272666	-3.66749	6.85959	29.5919	3.83463	1
cg11079711	0.0322178	0.264717	-3.77761	0.00461148	0.135655	-7.37164	0.00710169	0.158359	-6.31475	0.25786	0.534924	-1.86942	4.48427	19.9406	3.9527	1
cg06175447	0.151066	0.765516	-1.30631	0.0188759	1.63868	1.63868	0.00120132	0.438704	-2.27944	0.413689	1.15618	1.15618	24.3505	11.6309	0.424575	1
cg10173723	0.279469	0.746983	-1.33872	0.173777	1.45564	1.45564	0.0033866	0.355679	-2.81153	0.0233702	0.495153	-2.01958	28.4943	30.3765	0.947606	1
cg04578777	0.321023	0.83725	-1.19439	0.00519816	0.527836	-1.89453	0.139953	0.759468	-1.31671	0.0824161	0.716546	-1.39558	20.9779	9.97253	0.422563	1
cg09563851	0.00312278	0.209683	-4.76911	3.96E-05	0.0479268	-20.8652	0.000378709	0.111343	-8.98122	0.00122741	0.160819	-6.21815	20.6492	48.8596	2.10326	1
cg14504826	0.162171	0.545228	-1.8341	8.82E-05	0.0575564	-17.3743	0.00116149	0.143886	-6.94992	0.00828804	0.25364	-3.94259	17.3271	45.3275	2.32532	1
cg16488522	0.00214162	0.354895	-2.81774	0.000495549	0.269893	-3.70517	0.00558437	0.417156	-2.39719	0.0717528	0.616952	-1.62087	15.8031	14.4438	0.812428	1
cg16471481	0.678201	0.902903	-1.10754	0.790496	0.936899	-1.06735	0.000781724	0.288328	-3.46827	0.482416	0.839655	-1.19097	11.5382	10.9506	0.843619	1
cg09813090	0.0164255	0.22974	-4.35276	0.000400267	0.0593123	-16.8599	0.118575	0.427474	-2.33933	0.0229869	0.2556	-3.91236	8.74238	34.836	3.54199	1
cg02399249	0.130301	2.72985	2.72985	0.0561611	3.77829	3.77829	0.0316377	4.70444	4.70444	0.0106904	7.18479	7.18479	5.79715	34.6787	5.31736	1
cg10747531	0.113403	1.72312	1.72312	0.668528	0.872797	-1.14574	0.12508	0.591907	-1.68946	0.434342	1.28655	1.28655	4.61511	7.29247	1.40456	1
cg01715266	0.233848	2.34375	2.34375	0.365088	0.529881	-1.88722	0.374242	1.86345	1.86345	0.00423235	13.6418	13.6418	4.68948	30.7469	6.55655	1
cg04252152	0.474212	1.29324	1.29324	0.537453	0.80202	-1.24685	0.641343	0.847253	-1.18028	0.44439	1.31717	1.31717	3.96414	7.83778	1.75749	1
cg07830534	0.878259	1.02767	1.02767	5.21E-07	0.082909	-12.0614	0.000695825	2.51231	2.51231	0.0108789	1.767	1.767	51.8339	26.0258	0.446312	1
cg05063374	0.00105544	2.28165	2.28165	0.00250201	2.04446	2.04446	0.00161595	0.463153	-2.15911	0.0627256	1.42847	1.42847	35.5046	16.3051	0.408212	1
cg20617637	0.0199086	0.303521	-3.29467	5.74E-05	0.0421554	-23.7217	0.000618669	0.106937	-9.35133	0.00127103	0.136065	-7.34941	18.7044	53.3241	2.53412	1
cg16048803	0.0150141	0.2684	-3.72578	6.84E-05	0.0405999	-24.6306	0.00271544	0.161734	-6.18298	0.0234095	0.303781	-3.29185	12.208	37.4235	2.72487	1
cg21291771	0.0576817	0.5942	-1.68294	0.021269	0.510969	-1.95706	0.0518674	0.584765	-1.71009	0.284961	0.763868	-1.30913	11.6252	10.8298	0.828071	1
cg12841525	0.590718	0.881313	-1.13467	0.159566	1.41874	1.41874	0.266833	1.30894	1.30894	0.311475	1.27593	1.27593	6.79099	5.82459	0.762396	1
cg17985300	0.0248256	0.231079	-4.32752	0.00546201	0.134767	-7.42022	0.00210653	0.0933318	-10.7145	0.0879083	0.355964	-2.80928	5.19413	24.7425	4.23426	1
cg07008343	0.0785337	0.28718	-3.48213	0.00507063	0.0938907	-10.6507	0.0158348	0.151507	-6.60035	0.110155	0.328999	-3.03953	3.82055	24.6674	5.73912	1
cg01039498	0.380022	1.17712	1.17712	0.000812087	0.400714	-2.49555	0.000205674	0.324308	-3.08349	0.167652	0.766191	-1.30516	12.3699	6.42457	0.461661	1
cg08594888	0.00471242	11.6564	11.6564	0.00663885	10.0143	10.0143	0.00832433	9.07619	9.07619	0.0196991	6.31086	6.31086	5.81738	39.407	6.02135	1
cg16532262	0.0774107	0.393028	-2.54435	0.00852018	0.202481	-4.93875	0.0039408	0.158009	-6.32875	0.063153	0.370004	-2.70267	5.44569	19.5189	3.18603	1
cg14782970	0.45102	0.687795	-1.45392	0.000496724	0.0702222	-14.2405	0.0885471	0.400245	-2.49847	0.14941	0.47079	-2.12409	5.01861	18.8781	3.34366	1
cg08691567	0.0891317	4.30621	4.30621	0.0143512	10.4941	10.4941	0.00489421	18.2526	18.2526	0.0128585	11.087	11.087	4.38908	42.1613	8.53864	1
cg13885357	0.0886048	20.9881	20.9881	0.00623134	322.986	322.986	0.00797912	247.246	247.246	0.0345428	54.281	54.281	4.15996	172.999	36.966	1
cg15608277	0.0589853	11.8982	11.8982	0.0288957	19.9212	19.9212	0.00737376	55.1412	55.1412	0.0311529	18.8639	18.8639	3.88985	83.0849	18.9862	1
cg01492330	0.072598	13.7149	13.7149	0.020762	38.0488	38.0488	0.00933486	74.4446	74.4446	0.0366559	23.8971	23.8971	3.52633	95.4315	24.0556	1
cg00063144	0.209886	0.855786	-1.16852	0.197254	1.17426	1.17426	6.95E-05	0.424761	-2.35427	0.917069	0.9878	-1.01235	14.1291	3.10797	0.195528	1
cg24910374	0.0154037	0.440812	-2.26854	0.0080772	0.392727	-2.5463	0.00574967	0.368895	-2.7108	0.00568265	0.368089	-2.71673	11.0504	13.2839	1.06855	1
cg11473240	0.067899	0.47112	-2.1226	0.051736	0.442705	-2.25884	0.000152895	0.0916523	-10.9108	0.0755723	0.482842	-2.07107	6.31029	13.5393	1.90719	1
cg20125516	0.0154941	0.34597	-2.89042	0.00128113	0.186701	-5.35616	0.00262799	0.225713	-4.4304	0.109592	0.53606	-1.86546	5.67069	11.4742	1.7986	1
cg23674788	0.20109	1.0978	1.0978	0.000189781	1.54467	1.54467	1.74E-06	0.437833	-2.28398	0.855321	0.987466	-1.01269	43.9969	3.32778	0.0672326	1
cg25598400	0.0155404	0.276656	-3.6146	0.0030055	0.171744	-5.82262	0.0124037	0.259851	-3.84836	0.082121	0.4343	-2.30255	5.48761	16.2952	2.63952	1
cg08611714	0.0381563	0.257129	-3.88909	0.0233969	0.216351	-4.62212	0.0128313	0.174341	-5.7359	0.0513713	0.285426	-3.50354	4.88332	24.707	4.49731	1
cg24318032	0.0173097	0.174125	-5.74301	0.00373736	0.0943336	-10.6007	0.0200475	0.184174	-5.42966	0.0856471	0.318054	-3.14412	4.34532	25.022	5.11856	1
cg21479786	0.000209477	0.163524	-6.1153	4.97E-06	0.0478572	-20.8955	1.28E-05	0.0687535	-14.5447	0.0011859	0.249523	-4.00765	26.6964	36.0474	1.20024	1
cg24164612	0.854057	0.979556	-1.02087	0.0181741	1.37951	1.37951	0.000157801	0.484311	-2.06479	0.317511	0.890554	-1.1229	17.7687	3.54144	0.177162	1
cg12818940	0.664579	1.10798	1.10798	0.0698017	1.61058	1.61058	0.000438729	0.271036	-3.68954	0.042423	0.577333	-1.7321	11.0927	9.70619	0.777785	1
cg16885511	0.0702826	0.563262	-1.77537	0.000248539	0.17985	-5.56017	0.00264656	0.307288	-3.25428	0.0329394	0.492792	-2.02925	7.5521	9.62627	1.13302	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06330593	KRT34	1.34E-06	0.00400291	1.44847	1.44847	0.00085232	0.618721	-1.61624	1.48E-07	0.207043	-4.8299	0.0163293	1.32479	1.32479	0.00537226	0.703871	-1.42072
cg13278448	KRT34	4.40E-05	0.405086	0.89367	-1.11898	0.0288511	0.711692	-1.4051	1.75E-05	0.313496	-3.18984	0.69742	1.05292	1.05292	0.277098	1.16088	1.16088
cg00941396	KRT34	0.00104872	0.0867654	0.445728	-2.24352	0.00031162	0.0822534	-12.1575	0.00656234	0.221306	-4.51862	0.00980481	0.247904	-4.03382	0.00278184	0.171788	-5.82113
cg05290274	KRT34	0.00131181	0.00550355	0.186082	-5.37396	0.000820175	0.0979428	-10.21	0.0009174	0.102019	-9.8021	0.00675373	0.198285	-5.04323	0.00630556	0.194124	-5.15134
cg01841050	KRT34	0.00761098	0.213893	0.445769	-2.24332	0.391433	0.581526	-1.71961	0.0594521	0.268886	-3.71904	0.0393551	0.229544	-4.35646	0.043751	0.239059	-4.18307
cg06074920	KRT34	0.0127762	0.555752	0.75211	-1.32959	0.0514056	0.346373	-2.88706	0.0266612	0.284899	-3.51002	0.578685	1.30755	1.30755	0.00124584	0.1049	-9.5329
cg13418631	KRT35	2.20E-05	0.0580731	0.753174	-1.32771	0.102121	0.789191	-1.26712	3.07E-05	0.340596	-2.93603	0.542146	0.921592	-1.08508	0.0075299	0.634402	-1.57629
cg09538582	KRT35	0.000415538	0.0018942	0.320117	-3.12386	0.733005	1.09264	1.09264	0.000776974	0.268263	-3.72768	0.00125686	0.295629	-3.38262	2.53E-05	0.114983	-8.69697
cg12793706	KRT35	0.000772822	0.00178994	0.292831	-3.41494	0.0431313	0.525693	-1.90225	0.00027676	0.193038	-5.18033	0.93264	0.976908	-1.02364	0.000859082	0.250749	-3.98805
cg15545842	KRT35	0.00366212	0.890479	0.933988	-1.07068	0.00681741	0.175969	-5.68283	0.00125707	0.0968596	-10.3242	0.68123	0.814863	-1.2272	0.0302651	0.282908	-3.53472
cg10337731	KRT35	0.0120887	0.335265	0.831032	-1.20332	0.0293813	0.620068	-1.61273	0.00603878	0.512699	-1.95046	0.7898	0.951452	-1.05102	0.714735	1.07077	1.07077
cg15446373	KRT35	0.0171424	0.0119164	0.213968	-4.67359	0.0123525	0.216424	-4.62056	0.00937476	0.198163	-5.04636	0.104767	0.418489	-2.38955	0.0205053	0.253696	-3.94172
cg01301649	KRT36	0.000556996	0.593964	0.937334	-1.06686	0.498513	0.920683	-1.08615	0.000459903	0.515179	-1.94107	0.149607	1.2042	1.2042	5.61E-05	0.406357	-2.46089
cg02780988	KRT36	0.00060632	0.131519	0.697303	-1.4341	0.0356249	0.581821	-1.71874	2.75E-05	0.160388	-6.23489	0.0218732	0.543799	-1.83891	0.0773911	0.647424	-1.54458
cg15136129	KRT36	0.00144011	0.845793	0.929981	-1.07529	0.000668874	0.143603	-6.96362	0.00216516	0.200954	-4.97626	0.476552	1.30977	1.30977	0.000120058	0.0815668	-12.2599
cg04618528	KRT36	0.00241092	0.827479	0.922339	-1.0842	0.100998	0.51414	-1.945	0.000635533	0.143196	-6.98342	0.957527	0.980467	-1.01992	0.010267	0.30173	-3.31422
cg06774703	KRT36	0.00522442	0.927946	1.01406	1.01406	0.0344899	0.68351	-1.46304	0.0110001	0.611233	-1.63604	0.202506	1.23076	1.23076	0.0348081	0.684113	-1.46175
cg05839533	KRT36	0.0209704	0.846319	1.0496	1.0496	0.652692	1.11966	1.11966	0.0196783	0.495114	-2.01974	0.861941	1.04438	1.04438	0.0244872	0.512422	-1.95152
cg15059743	KRT37	1.40E-05	0.0130775	0.599783	-1.66727	0.106577	0.746305	-1.33994	6.11E-05	0.292695	-3.41653	0.000256532	0.368029	-2.71718	0.684179	0.934341	-1.07027
cg04431844	KRT37	0.0105701	0.2208	0.51656	-1.93588	0.164002	0.466674	-2.14282	0.0769685	0.364494	-2.74353	0.0281283	0.264292	-3.78369	0.00666701	0.164233	-6.08889
cg18425570	KRT38	8.33E-07	0.819822	1.03035	1.03035	0.766995	0.961805	-1.03971	6.34E-05	0.381146	-2.62367	0.000269629	0.456989	-2.18824	0.000607528	1.99874	1.99874
cg07933967	KRT38	4.00E-06	0.0765075	0.636296	-1.5716	2.01E-05	0.138092	-7.24157	8.09E-05	0.195593	-5.11267	0.00272107	0.386833	-2.5851	9.48E-06	0.111801	-8.94445
cg26043460	KRT38	1.78E-05	0.566811	0.894108	-1.11843	0.113744	0.716996	-1.39471	3.89E-05	0.218028	-4.58657	0.000159914	0.287331	-3.48031	0.127244	0.726981	-1.37555
cg04534008	KRT38	5.87E-05	0.129315	0.788477	-1.26827	0.00890967	1.6202	1.6202	2.52E-05	0.297405	-3.36242	0.000306301	0.427356	-2.33997	0.0503964	0.723694	-1.3818
cg14680360	KRT38	0.000410413	0.126153	1.55275	1.55275	0.114457	0.633478	-1.57859	0.0354368	0.521408	-1.91788	0.0257724	0.494557	-2.02201	0.995407	1.00153	1.00153
cg22139563	KRT38	0.0121638	0.680989	1.18329	1.18329	0.305653	0.649314	-1.54009	0.192638	0.570417	-1.7531	0.780187	1.12064	1.12064	0.727618	1.15299	1.15299
cg18848394	KRT38	0.0163657	0.3793	1.53076	1.53076	0.399606	0.66561	-1.50238	0.01577	0.247475	-4.04081	0.260715	0.574796	-1.73975	0.724721	1.18164	1.18164
cg25306838	KRT38;KRT38	0.01655	0.102663	2.10055	2.10055	0.18123	1.80387	1.80387	0.00644989	0.229404	-4.35913	0.613364	0.809155	-1.23586	0.16228	1.85913	1.85913
cg15027664	KRT39	9.28E-05	0.000585952	0.288762	-3.46306	0.0444056	0.582912	-1.71552	0.00119783	0.329679	-3.03326	0.00717945	0.444258	-2.25094	0.0220363	0.526248	-1.90024
cg22506453	KRT39	0.00094133	0.0289907	0.344269	-2.9047	8.70E-05	0.0541705	-18.4602	0.0116192	0.270696	-3.69418	0.0600148	0.415247	-2.40821	0.000448991	0.100993	-9.90171
cg24784466	KRT39	0.00108844	0.797166	0.975071	-1.02557	0.0503277	1.24443	1.24443	0.00136852	0.634255	-1.57665	0.62958	0.953481	-1.04879	0.0185615	0.755934	-1.32287
cg12610744	KRT4	0.00947697	0.441532	0.894809	-1.11756	0.649826	0.937319	-1.06687	0.000534422	0.466141	-2.14527	0.893082	0.981135	-1.01923	0.138183	1.25367	1.25367
cg21558752	KRT4	0.0143691	0.0179628	0.551243	-1.81408	0.911123	1.0234	1.0234	0.000444523	0.317225	-3.15234	0.381738	0.830425	-1.2042	0.365855	1.2122	1.2122
cg21359793	KRT4	0.0146637	0.52263	0.895226	-1.11704	0.589322	1.09757	1.09757	0.000514123	0.396103	-2.5246	0.879003	1.02636	1.02636	0.256484	1.22424	1.22424
cg06821079	KRT40	0.00103972	0.0953541	0.539843	-1.85239	0.0338132	0.43441	-2.30198	0.00434492	0.277433	-3.60448	0.00140711	0.211033	-4.73859	0.069864	0.505606	-1.97783
cg05355301	KRT40	0.001852	0.0268756	0.467891	-2.13725	0.473109	0.809444	-1.23542	0.00294975	0.30647	-3.26296	0.605841	0.860011	-1.16278	0.0389233	0.500267	-1.99893
cg17703934	KRT40	0.0088013	0.0366353	0.577081	-1.73286	0.0258447	0.549319	-1.82044	0.00109581	0.336156	-2.97481	0.937145	1.01802	1.01802	0.0178062	0.520868	-1.91987
cg01455550	KRT40	0.010985	0.314496	0.772337	-1.29477	0.0650816	0.597851	-1.67266	0.00136388	0.315278	-3.17181	0.224238	0.72827	-1.37312	0.0498651	0.573775	-1.74284
cg14675357	KRT40;KRT40	0.00170529	0.610248	1.09321	1.09321	0.778243	0.952233	-1.05016	0.000248814	0.350543	-2.85272	0.510331	0.890681	-1.12274	0.000193562	0.337	-2.96736
cg17667972	KRT4;KRT4	0.00708048	0.0138632	0.500203	-1.99919	0.183791	1.37886	1.37886	0.000624902	0.301631	-3.31531	0.163195	0.71243	-1.40365	0.827333	1.05103	1.05103
cg04254916	KRT5	0.00492064	0.0198819	0.760915	-1.31421	0.046368	0.801079	-1.24832	0.852106	0.982023	-1.01831	0.548454	0.942688	-1.0608	0.835994	1.02035	1.02035
cg17565113	KRT5	0.0485768	0.0202884	0.287813	-3.47448	0.290533	1.62938	1.62938	0.591743	0.785878	-1.27246	0.760044	1.14607	1.14607	0.00210717	0.145942	-6.85206
cg16167877	KRT5;KRT5	0.0364794	0.0140538	0.478457	-2.09005	0.0959652	1.55976	1.55976	0.356929	0.79424	-1.25906	0.660232	0.898025	-1.11355	0.00333332	0.378523	-2.64185
cg16112157	KRT6A	0.000645145	0.894854	1.03967	1.03967	0.00465727	0.330522	-3.02552	0.575356	1.18116	1.18116	0.145711	1.58333	1.58333	0.595661	1.17064	1.17064
cg04880990	KRT6A	0.00330533	0.325291	0.760339	-1.3152	0.573974	0.857926	-1.1656	0.000105515	0.157652	-6.34309	0.0579535	0.560915	-1.7828	0.879132	0.959781	-1.0419
cg11471401	KRT6A	0.00370539	0.923286	0.970792	-1.03009	0.782294	0.91828	-1.08899	0.00478938	0.315911	-3.16545	0.84403	0.941178	-1.0625	0.00359314	0.297157	-3.36523
cg05824973	KRT6A	0.00468795	0.960305	0.979102	-1.02134	0.0542539	0.395782	-2.52664	0.00644491	0.222387	-4.49667	0.34709	0.6631	-1.50807	0.0029108	0.176204	-5.67522
cg00213044	KRT6A	0.00665881	0.0417323	0.538387	-1.8574	0.71271	0.90705	-1.10247	0.0124585	0.440333	-2.27101	0.393684	1.25919	1.25919	0.00240114	0.327711	-3.05147
cg03462053	KRT6A	0.0122797	0.0496286	1.55516	1.55516	0.350065	0.827253	-1.20882	0.0106582	0.530992	-1.88327	0.266567	1.25637	1.25637	0.177265	0.753722	-1.32675
cg07356876	KRT6B	0.00221828	0.103815	0.66724	-1.49871	0.7699	0.935457	-1.069	0.000231108	0.248956	-4.01677	0.307164	0.786256	-1.27185	0.0017387	0.362111	-2.76159
cg07658640	KRT6C	0.00149743	0.0045253	0.482521	-2.07245	0.00102125	0.391369	-2.55513	0.000437584	0.342888	-2.91641	0.193134	1.30381	1.30381	0.161487	0.74974	-1.3338
cg22460123	KRT7	0.000402757	0.00841568	0.534472	-1.87101	0.0478165	0.656241	-1.52383	0.00118018	0.412414	-2.42475	4.88E-05	0.241422	-4.14213	0.0097744	0.544342	-1.83708
cg22193385	KRT7	0.000422522	0.000745379	0.20467	-4.88592	0.0990685	0.570965	-1.75142	0.000327436	0.165461	-6.04372	0.000144634	0.131531	-7.60277	0.679718	0.879269	-1.13731
cg07022048	KRT7	0.000903681	0.00150611	0.36606	-2.73179	0.00029481	0.273676	-3.65396	0.0013141	0.35786	-2.79439	0.000717307	0.322503	-3.10075	0.0027844	0.404094	-2.47467
cg19680413	KRT7	0.00616062	0.711341	0.908449	-1.10078	0.0021809	3.03596	3.03596	0.038223	1.85977	1.85977	0.4225	0.809256	-1.2357	0.00312299	0.352045	-2.84055
cg22958090	KRT7	0.0162251	0.0276382	19.9288	19.9288	0.057611	11.788	11.788	0.262187	3.83198	3.83198	0.0735707	9.89636	9.89636	0.0189719	26.1579	26.1579
cg09680665	KRT7	0.0208542	0.379429	0.850745	-1.17544	0.010162	0.559269	-1.78805	0.0859614	1.40517	1.40517	0.126927	0.74383	-1.34439	0.0327645	0.639049	-1.56482
cg06153634	KRT7	0.0213231	0.0156943	2.98647	2.98647	0.267193	1.53276	1.53276	0.019502	2.83802	2.83802	0.0280167	2.60896	2.60896	0.814423	1.09076	1.09076
cg07967679	KRT7	0.0244988	0.0317325	22.1515	22.1515	0.0308644	22.6282	22.6282	0.154607	6.51858	6.51858	0.0897294	9.99002	9.99002	0.0341699	20.9296	20.9296
cg09522147	KRT7	0.0402912	0.0690437	5.137	5.137	0.032921	7.43952	7.43952	0.23895	2.69675	2.69675	0.0938266	4.40207	4.40207	0.026466	8.30172	8.30172
cg23767977	KRT71	1.89E-05	0.010314	0.747019	-1.33865	0.0305015	0.794981	-1.25789	0.629349	1.04486	1.04486	0.248643	1.11497	1.11497	0.00911431	0.741586	-1.34846
cg08352148	KRT71	0.00930912	0.00856936	0.369842	-2.70386	0.010599	0.385432	-2.59449	0.00375646	0.313387	-3.19094	0.147752	0.630872	-1.58511	0.00501847	0.332517	-3.00737
cg00676085	KRT72;KRT72;KRT72	0.00242966	0.138406	0.519925	-1.92335	0.546701	0.778737	-1.28413	0.00646044	0.234115	-4.2714	0.16885	0.548219	-1.82409	0.000826409	0.126833	-7.88441
cg06494782	KRT72;KRT72;KRT72	0.016896	0.0287976	3.12788	3.12788	0.00754998	4.57323	4.57323	0.0340555	2.98645	2.98645	0.88782	0.939483	-1.06442	0.0301906	3.08733	3.08733
cg22200736	KRT72;KRT72;KRT72	0.0172959	0.0109638	6.54274	6.54274	0.23291	2.08759	2.08759	0.0264376	4.70492	4.70492	0.804115	1.15746	1.15746	0.00646242	8.03326	8.03326
cg06628878	KRT72;KRT72;KRT72	0.0214236	0.0107456	3.37218	3.37218	0.00611331	3.88465	3.88465	0.112209	1.9268	1.9268	0.846778	0.929262	-1.07612	0.300651	1.5019	1.5019
cg11405852	KRT72;KRT72;KRT72	0.0272224	0.0243032	0.474291	-2.10841	0.0715773	0.57176	-1.74899	0.22486	0.701724	-1.42506	0.512191	1.20286	1.20286	0.00155303	0.282469	-3.54021
cg23337631	KRT72;KRT72;KRT72	0.0347907	0.0187617	6.26137	6.26137	0.0113556	7.70281	7.70281	0.144719	2.74293	2.74293	0.188179	2.45527	2.45527	0.0689759	3.70941	3.70941
cg10292376	KRT72;KRT72;KRT72	0.0488199	0.0164715	6.18496	6.18496	0.0857426	3.25703	3.25703	0.0903369	3.19136	3.19136	0.82355	1.14897	1.14897	0.187736	2.38219	2.38219
cg18161890	KRT72;KRT72;KRT72;KRT72;KRT72;KRT72	0.0131989	0.0139985	17.2998	17.2998	0.0205618	13.7479	13.7479	0.0890234	5.82369	5.82369	0.220835	3.35059	3.35059	0.0129289	18.1505	18.1505
cg20050826	KRT72;KRT72;KRT72;KRT72;KRT72;KRT72	0.0214216	0.0273865	7.34521	7.34521	0.008253	13.2135	13.2135	0.0509326	5.46841	5.46841	0.359802	2.05317	2.05317	0.0192285	8.7062	8.7062
cg22872002	KRT73	0.000789681	0.120336	0.75256	-1.3288	0.0239488	0.634769	-1.57538	0.000113075	0.318527	-3.13945	0.0135142	0.597034	-1.67495	0.0712195	0.711785	-1.40492
cg13928961	KRT73	0.00748672	0.0931341	0.726349	-1.37675	0.117824	1.34175	1.34175	0.000229498	0.346754	-2.88389	0.71571	0.938652	-1.06536	0.62091	0.917328	-1.09012
cg24094029	KRT73	0.0448902	0.517661	0.687158	-1.45527	0.013056	0.171806	-5.82052	0.0383658	0.25345	-3.94555	0.377542	0.595753	-1.67855	0.00812937	0.143976	-6.94562
cg10633827	KRT74	2.28E-05	6.68E-05	0.396903	-2.51951	0.0207297	0.703177	-1.42212	1.73E-05	0.328509	-3.04405	3.90E-06	0.256816	-3.89385	0.000289003	0.47339	-2.11242
cg18828137	KRT74	0.00926386	0.283401	0.847147	-1.18043	0.269755	0.84278	-1.18655	0.00146182	0.504621	-1.98168	0.515364	1.10316	1.10316	0.0191583	1.52483	1.52483
cg27222589	KRT74	0.0230749	0.222312	0.860971	-1.16148	0.441528	0.912473	-1.09592	0.186632	0.849257	-1.1775	0.43156	0.910564	-1.09822	0.163623	1.18947	1.18947
cg20001810	KRT75	0.00607276	0.0409253	0.520653	-1.92067	0.753617	0.916585	-1.09101	0.000651432	0.235526	-4.24581	0.216902	0.698092	-1.43248	0.000857063	0.25029	-3.99537
cg04918314	KRT75	0.0114595	0.0177696	0.158997	-6.28943	0.0251593	0.182881	-5.46805	0.124125	0.345643	-2.89316	0.928621	1.05883	1.05883	0.00389505	0.0837708	-11.9373
cg14275095	KRT75	0.0165106	0.825425	1.02784	1.02784	0.176325	0.836362	-1.19566	0.89645	1.01632	1.01632	0.972766	1.00425	1.00425	0.690641	1.05098	1.05098
cg07167114	KRT75	0.0236408	0.0217299	2.7196	2.7196	0.0839343	0.49932	-2.00272	0.0433419	0.430034	-2.3254	0.0498978	2.2527	2.2527	0.0691706	2.09257	2.09257
cg19893185	KRT75	0.0373713	0.162734	1.55727	1.55727	0.169134	0.646991	-1.54562	0.00328892	0.304091	-3.28849	0.297798	1.37825	1.37825	0.164607	1.55381	1.55381
cg00058026	KRT76	0.000338198	0.0572512	1.26292	1.26292	0.000117831	0.481167	-2.07828	0.000104253	0.474988	-2.10532	0.712722	1.04095	1.04095	0.047317	1.27924	1.27924
cg10284006	KRT76	0.00146229	0.0026419	0.300751	-3.32501	0.00814493	0.376036	-2.65932	0.000428957	0.200008	-4.9998	0.0399424	0.503733	-1.98518	0.00819281	0.376457	-2.65635
cg11465372	KRT76	0.00470943	0.144449	0.636906	-1.57009	0.527105	1.2025	1.2025	0.000122234	0.145192	-6.88744	0.137884	0.631428	-1.58371	0.988776	0.99596	-1.00406
cg17129918	KRT77	0.00200288	0.00156117	0.130935	-7.63736	0.565613	0.771253	-1.29659	0.0164549	0.269582	-3.70945	0.253446	0.586605	-1.70472	0.00110474	0.116404	-8.59074
cg05921581	KRT77	0.00992939	0.705683	0.859437	-1.16355	0.153984	0.543714	-1.8392	0.0351412	0.375377	-2.66399	0.0101299	0.273885	-3.65117	0.00072804	0.128599	-7.77613
cg03806752	KRT77	0.0139457	0.18481	0.517135	-1.93373	0.215856	1.84177	1.84177	0.278581	0.589638	-1.69596	0.363721	0.645542	-1.54908	0.0761639	0.396455	-2.52235
cg24220733	KRT77	0.0195664	0.104138	1.58316	1.58316	0.18867	1.43352	1.43352	0.01321	0.451904	-2.21286	0.0911758	1.61784	1.61784	0.0936346	0.620789	-1.61085
cg19484680	KRT78	0.000767704	0.901476	0.976744	-1.02381	0.000947949	0.392079	-2.5505	0.206649	0.776425	-1.28796	2.21E-05	0.198285	-5.04325	0.513375	0.881673	-1.13421
cg07237397	KRT78	0.00238098	0.425307	0.792009	-1.26261	0.0903998	0.58601	-1.70646	0.0054492	0.350936	-2.84953	0.269177	0.719219	-1.3904	0.0035287	0.322087	-3.10475
cg06203952	KRT78	0.00328586	0.000201364	0.356297	-2.80665	0.193016	0.796191	-1.25598	0.00248999	0.498879	-2.00449	0.523105	0.89846	-1.11302	0.00768558	0.567383	-1.76248
cg07265310	KRT78	0.00370112	0.0144796	0.520859	-1.9199	0.0390895	0.596311	-1.67698	0.000674349	0.324457	-3.08207	0.00730721	0.472905	-2.11459	0.0743128	0.650167	-1.53807
cg11845202	KRT78	0.00466297	0.0728962	0.821608	-1.21713	0.00443343	0.688708	-1.45199	0.000691855	0.601333	-1.66297	0.551139	0.942491	-1.06102	0.410569	1.08616	1.08616
cg06809188	KRT78	0.00690024	0.986596	0.997401	-1.00261	0.246613	0.828898	-1.20642	0.0134845	0.622679	-1.60596	0.826213	0.966515	-1.03465	0.0506121	0.708211	-1.41201
cg13856867	KRT78	0.0128596	0.0679156	0.524812	-1.90545	0.0482114	0.490725	-2.0378	0.00546813	0.315987	-3.16469	0.106412	0.57355	-1.74353	0.0256791	0.433616	-2.30619
cg26639820	KRT78	0.0160142	0.402534	0.92397	-1.08229	0.798866	1.02385	1.02385	0.000833646	0.62863	-1.59076	0.144291	1.15577	1.15577	0.278918	1.1095	1.1095
cg19793747	KRT78	0.0222688	0.69531	1.11755	1.11755	0.7452	1.09644	1.09644	0.296288	0.736548	-1.35768	0.375432	0.773481	-1.29286	0.481707	0.817161	-1.22375
cg19944705	KRT78;KRT78	0.00247284	0.0213766	0.59271	-1.68717	0.385115	0.844998	-1.18344	0.000120595	0.280609	-3.56368	0.00674318	0.514593	-1.94328	0.0732378	0.685334	-1.45914
cg04050068	KRT79	0.00160644	0.455534	0.857702	-1.16591	0.756032	0.938997	-1.06497	0.00771355	0.500919	-1.99633	0.00515674	0.47428	-2.10846	0.00304257	0.44045	-2.2704
cg11934394	KRT79	0.00650707	0.0746061	0.574254	-1.74139	0.448631	1.24067	1.24067	0.000614455	0.229211	-4.36278	0.0621089	1.79783	1.79783	0.676423	0.88939	-1.12437
cg23696712	KRT79	0.0236184	0.038371	0.414306	-2.41368	0.00406208	0.242545	-4.12294	0.00342303	0.232141	-4.30772	0.747484	1.12595	1.12595	0.025556	0.377465	-2.64925
cg12495333	KRT79	0.0280552	0.212486	0.54387	-1.83868	0.0674572	0.386627	-2.58647	0.0164777	0.256903	-3.89251	0.00892521	0.213758	-4.6782	0.0349401	0.319846	-3.1265
cg26489534	KRT79	0.0357434	0.0754424	1.54107	1.54107	0.0154075	1.9149	1.9149	0.0461674	0.607005	-1.64743	0.135029	1.422	1.422	0.033374	1.72168	1.72168
cg07636477	KRT79	0.0452844	0.250661	0.792951	-1.26111	0.0950055	0.701462	-1.42559	0.0161754	0.566305	-1.76583	0.650425	0.915601	-1.09218	0.638306	1.09583	1.09583
cg09670128	KRT7;KRT7	0.0390858	0.0359797	126.994	126.994	0.0568681	72.1994	72.1994	0.217408	13.1551	13.1551	0.0683064	57.5735	57.5735	0.0259751	190.182	190.182
cg10843343	KRT8	3.58E-06	0.0803706	1.30988	1.30988	0.197562	0.827326	-1.20871	6.00E-06	0.243418	-4.10816	0.346935	0.873901	-1.14429	1.63E-05	0.290664	-3.4404
cg17508063	KRT8	0.00142557	0.495164	1.10014	1.10014	0.358875	1.13882	1.13882	0.815711	0.968344	-1.03269	0.447389	1.11259	1.11259	0.0414484	0.723248	-1.38265
cg24504361	KRT8	0.00437993	0.86357	1.04318	1.04318	0.361113	1.25958	1.25958	0.00220919	0.348362	-2.87058	0.906683	0.971584	-1.02925	0.00916391	0.443298	-2.25582
cg24773412	KRT8	0.015707	0.756231	0.90851	-1.1007	0.73449	0.900422	-1.11059	0.00785269	0.349568	-2.86067	0.286509	1.4064	1.4064	0.0228511	0.432088	-2.31435
cg07986666	KRT8	0.0276893	0.247863	0.652487	-1.5326	0.00589333	3.57294	3.57294	0.380442	1.37433	1.37433	0.222183	1.57369	1.57369	0.231205	1.55869	1.55869
cg17324880	KRT80;KRT80	0.000723083	0.276302	0.857036	-1.16681	1.26E-05	0.28579	-3.49907	0.00792363	0.628819	-1.59028	0.130059	1.24954	1.24954	0.308847	0.866332	-1.15429
cg24174145	KRT80;KRT80	0.00260835	0.00388103	0.108955	-9.17813	0.0558585	0.290902	-3.43759	0.0226215	0.210994	-4.73948	0.0757041	0.324039	-3.08605	0.00318496	0.100685	-9.93199
cg00280812	KRT80;KRT80	0.00333926	0.000963715	0.0708721	-14.1099	0.189968	0.473519	-2.11185	0.0070152	0.152995	-6.53616	0.0236253	0.233332	-4.28575	0.00759954	0.157445	-6.3514
cg04472592	KRT80;KRT80	0.00380493	0.00152786	0.127604	-7.83674	0.186414	0.531457	-1.88162	0.0129302	0.248461	-4.02478	0.0103977	0.233122	-4.28961	0.0057087	0.19481	-5.13321
cg02387510	KRT80;KRT80	0.00445009	0.0222217	0.680959	-1.46852	0.148477	0.804707	-1.24269	0.000146115	0.400029	-2.49982	0.361014	0.876656	-1.1407	0.853606	1.02623	1.02623
cg07925587	KRT80;KRT80	0.00483479	0.0120942	0.401917	-2.48807	0.00510084	0.340187	-2.93956	0.000636148	0.21686	-4.61126	0.00592364	0.350388	-2.85398	0.0201753	0.442065	-2.26211
cg23243343	KRT80;KRT80	0.00877727	0.00103599	0.406169	-2.46203	0.0976776	0.71393	-1.4007	0.0137755	0.568577	-1.75878	0.0294245	0.621496	-1.60902	0.00236493	0.455522	-2.19528
cg20225745	KRT80;KRT80	0.014284	0.00601511	0.0915957	-10.9175	0.0536321	0.23235	-4.30385	0.0186502	0.149704	-6.67983	0.0239346	0.166245	-6.01523	0.0315787	0.186599	-5.3591
cg01182683	KRT80;KRT80	0.0151658	0.00442702	0.137665	-7.26401	0.366895	0.616347	-1.62246	0.0021494	0.105395	-9.48807	0.316173	0.582136	-1.71781	0.0188095	0.226284	-4.41923
cg19092735	KRT80;KRT80	0.0362619	0.00368136	0.329594	-3.03404	0.556517	0.845241	-1.1831	0.0477178	0.527256	-1.89661	0.0281763	0.480576	-2.08084	0.15655	0.651531	-1.53485
cg07309136	KRT80;KRT80	0.0417231	0.45088	0.787495	-1.26985	0.31385	1.38255	1.38255	0.141739	0.611817	-1.63448	0.972328	0.989271	-1.01085	0.00188657	0.254118	-3.93517
cg16432350	KRT80;KRT80;KRT80;KRT80	0.0278776	0.0218455	0.058131	-17.2025	0.130533	0.18483	-5.41038	0.143464	0.196824	-5.08069	0.0743899	0.128042	-7.80995	0.0229508	0.0600285	-16.6587
cg15701111	KRT81	0.00422071	0.0473361	2.24202	2.24202	0.128045	1.79573	1.79573	0.0225689	2.6427	2.6427	0.0410147	2.31418	2.31418	0.0159256	2.85872	2.85872
cg09616715	KRT81	0.0182598	0.0629584	0.299022	-3.34423	0.00885987	0.146223	-6.83888	0.0166147	0.184885	-5.40877	0.101485	0.355307	-2.81446	0.0269655	0.220534	-4.53444
cg14755549	KRT81	0.0468251	0.168641	0.810602	-1.23365	0.0710171	1.33472	1.33472	0.949831	1.00905	1.00905	0.67821	1.06155	1.06155	0.933172	0.988066	-1.01208
cg03800797	KRT81	0.04783	0.361972	0.65228	-1.53308	0.983897	0.990839	-1.00925	0.0498885	0.360662	-2.77268	0.921915	0.956276	-1.04572	0.0037091	0.167323	-5.97646
cg23020795	KRT82	0.00205522	0.123133	0.835157	-1.19738	0.065082	0.79981	-1.2503	4.06E-05	0.42972	-2.3271	0.0173301	0.73157	-1.36692	0.675222	1.0465	1.0465
cg13696887	KRT82	0.00410366	0.130678	1.26723	1.26723	0.423925	0.88825	-1.12581	8.14E-05	0.356619	-2.80411	0.199659	0.821509	-1.21727	0.938524	0.98887	-1.01126
cg25497938	KRT82	0.00623004	0.004647	0.565214	-1.76924	0.937596	1.01194	1.01194	0.000338781	0.416769	-2.39941	0.11657	1.29489	1.29489	0.703591	0.943713	-1.05964
cg20679157	KRT82	0.00968704	0.120921	0.735831	-1.35901	0.923029	0.982743	-1.01756	0.00361123	0.474456	-2.10768	0.495188	0.882464	-1.13319	0.00112525	2.5115	2.5115
cg24926042	KRT82	0.0155702	0.0532109	0.504791	-1.98102	0.214507	0.665832	-1.50188	0.00366984	0.294466	-3.39597	0.00847383	0.351333	-2.84631	0.0195551	0.415536	-2.40653
cg17891088	KRT82	0.0301954	0.960251	0.993565	-1.00648	0.305899	1.14719	1.14719	0.0510189	0.749843	-1.33361	0.634698	0.939884	-1.06396	0.456214	1.10329	1.10329
cg11057082	KRT82	0.0391022	0.639811	1.1413	1.1413	0.430465	0.797992	-1.25315	0.300093	1.35137	1.35137	0.0688263	1.7701	1.7701	0.132746	1.57596	1.57596
cg00713401	KRT82;KRT82	0.000477301	0.0875781	0.822491	-1.21582	0.392427	0.913208	-1.09504	5.31E-06	0.343254	-2.9133	0.512516	0.933485	-1.07125	0.342996	1.10654	1.10654
cg08257133	KRT83	0.0311601	0.0387065	0.570511	-1.75282	0.168029	0.708636	-1.41116	0.0690472	0.620699	-1.61109	0.00796242	0.450458	-2.21996	0.896105	0.969838	-1.0311
cg08092837	KRT83	0.032696	0.045327	0.286636	-3.48874	0.0385452	0.271352	-3.68525	0.0328459	0.257037	-3.89049	0.0321244	0.255107	-3.91992	0.0796142	0.346869	-2.88293
cg16791508	KRT83	0.0351016	0.00329427	0.133672	-7.48097	0.0430992	0.310456	-3.22106	0.897908	0.937521	-1.06664	0.25981	0.553885	-1.80543	0.00743697	0.176823	-5.65538
cg16160105	KRT83	0.0463883	0.0831505	0.572727	-1.74603	0.00462448	0.334618	-2.98849	0.0334195	0.485719	-2.0588	0.389284	0.773885	-1.29218	0.0674522	0.551395	-1.81358
cg19345970	KRT84	0.000142073	0.0992323	0.655824	-1.5248	0.0372231	0.568627	-1.75862	0.000235548	0.240796	-4.1529	0.84921	1.04543	1.04543	0.0172542	0.33393	-2.99464

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06330593	4.05E-06	0.358948	-2.78592	0.00367765	0.686495	-1.45668	8.05E-07	0.281948	-3.54675	0.000595307	0.601836	-1.66158	68.0595	9.89179	0.129191	1
cg13278448	0.648721	1.06239	1.06239	0.137623	1.23492	1.23492	1.65E-06	0.204267	-4.89555	0.0509229	0.745677	-1.34106	27.5306	7.59383	0.245184	1
cg00941396	0.000939312	0.121465	-8.23285	0.000338079	0.084781	-11.7951	0.00175171	0.148795	-6.72068	0.0404654	0.363903	-2.74799	11.6087	33.5484	2.56882	1
cg05290274	0.00375262	0.164826	-6.06699	0.000870554	0.100096	-9.99036	0.001034	0.10651	-9.38877	0.0181573	0.266657	-3.75013	10.8908	36.6231	2.98911	1
cg01841050	0.00734863	0.118466	-8.44126	0.000614871	0.0385389	-25.9478	0.00173218	0.0633767	-15.7787	0.093049	0.319583	-3.12908	6.44427	38.9011	5.36581	1
cg06074920	0.0235877	0.274625	-3.64133	0.00611697	0.180789	-5.53132	0.123522	0.450453	-2.21999	0.0326214	0.30259	-3.3048	5.46101	19.7656	3.21725	1
cg13418631	0.0421268	1.36321	1.36321	0.169392	1.21375	1.21375	7.69E-07	0.172174	-5.80807	0.000251546	0.449855	-2.22294	33.0385	9.16255	0.246515	1
cg09538582	0.321345	0.767128	-1.30356	0.119941	1.5473	1.5473	0.0459162	0.553219	-1.8076	0.830903	0.946171	-1.05689	15.0412	15.9486	0.94251	1
cg12793706	0.0148049	0.436622	-2.29031	0.0309286	0.496472	-2.01421	9.81E-05	0.147719	-6.76962	0.0167964	0.446449	-2.2399	12.6545	15.3068	1.0752	1
cg15545842	0.312336	0.595684	-1.67874	0.00187596	0.112407	-8.89628	0.000600895	0.0725442	-13.7847	0.0924521	0.399364	-2.50398	8.06366	31.3777	3.45889	1
cg10337731	0.266793	1.24049	1.24049	0.0653263	1.47016	1.47016	0.00206611	0.445693	-2.2437	0.540296	1.12241	1.12241	5.56019	3.05532	0.488444	1
cg15446373	0.0114771	0.211427	-4.72977	0.0185903	0.246083	-4.06368	0.0110808	0.209072	-4.78304	0.137629	0.455851	-2.1937	4.95563	18.9476	3.39862	1
cg01301649	0.576453	0.934381	-1.07023	0.000225714	0.47819	-2.09122	0.23302	0.860362	-1.1623	0.98377	1.00245	1.00245	13.8683	3.1772	0.203644	1
cg02780988	0.301464	0.78893	-1.26754	0.929501	1.01979	1.01979	8.30E-05	0.208199	-4.8031	0.0551968	0.617946	-1.61826	13.5442	10.5195	0.690379	1
cg15136129	0.361618	0.70497	-1.4185	0.894823	1.05055	1.05055	0.00785808	0.280406	-3.56626	0.15777	0.569451	-1.75608	10.6031	23.3394	1.9566	1
cg04618528	0.878087	0.94473	-1.0585	0.989294	1.00498	1.00498	0.000118714	0.0825648	-12.1117	0.0892638	0.499543	-2.00183	9.12892	19.8357	1.93142	1
cg06774703	0.0636669	1.37952	1.37952	0.00896689	1.67009	1.67009	0.00265829	0.526578	-1.89905	0.610795	0.923851	-1.08243	7.24076	2.73082	0.33524	1
cg05839533	0.262703	1.33823	1.33823	0.227818	1.37141	1.37141	0.00226527	0.344487	-2.90287	0.488447	1.19195	1.19195	4.62926	4.56369	0.876298	1
cg15059743	0.000923213	0.439633	-2.27462	0.213418	1.24306	1.24306	2.50E-07	0.0778881	-12.8389	0.0999433	0.741287	-1.349	37.1693	16.2345	0.388241	1
cg04431844	0.019428	0.234548	-4.26353	0.0018229	0.102932	-9.71518	0.00379107	0.134766	-7.42025	0.0132362	0.206863	-4.83413	5.80651	24.2187	3.70751	1
cg18425570	0.762562	1.04051	1.04051	0.000245265	2.21255	2.21255	1.82E-08	0.0598978	-16.6951	0.0936987	0.785376	-1.27328	76.8203	20.8987	0.24182	1
cg07933967	0.0577965	0.611301	-1.63586	4.83E-07	0.039176	-25.5259	1.34E-06	0.0586006	-17.0647	0.000131967	0.218342	-4.57998	51.4126	42.8654	0.741114	1
cg26043460	0.192297	0.765817	-1.30579	0.0039138	0.472003	-2.11863	2.94E-07	0.0544343	-18.3708	0.061673	0.665704	-1.50217	34.9241	20.6743	0.526202	1
cg04534008	0.213141	0.826864	-1.20939	0.307331	1.1656	1.1656	5.44E-06	0.225053	-4.44339	0.0914383	0.763742	-1.30934	25.5112	8.49565	0.296015	1
cg14680360	0.503406	0.834791	-1.1979	0.0542519	1.78758	1.78758	6.54E-06	0.0693463	-14.4204	0.0802009	0.596829	-1.67552	15.0928	16.9027	0.995477	1
cg22139563	0.396745	1.42377	1.42377	0.185133	1.77205	1.77205	0.00023109	0.0830176	-12.0456	0.767309	1.12841	1.12841	5.54902	14.5673	2.33351	1
cg18848394	0.115386	0.445747	-2.24343	0.46917	1.41571	1.41571	0.000536259	0.0786523	-12.7142	0.587124	0.771965	-1.2954	5.03298	17.7624	3.13707	1
cg25306838	0.51139	0.758187	-1.31894	0.022925	3.09887	3.09887	0.0170722	0.298644	-3.34847	0.217963	1.71366	1.71366	5.01422	13.7182	2.43188	1
cg15027664	0.0330018	1.79116	1.79116	3.54E-06	0.0784657	-12.7444	0.0608233	0.610157	-1.63892	0.000285096	0.250255	-3.99593	22.588	19.5505	0.769355	1
cg22506453	0.587506	1.25468	1.25468	0.153052	0.53054	-1.88487	0.815318	0.907627	-1.10177	0.000660764	0.115266	-8.67559	11.9698	32.5306	2.41575	1
cg24784466	0.0416323	1.25888	1.25888	0.000106573	0.511554	-1.95483	0.599738	1.05327	1.05327	0.0902029	1.20084	1.20084	11.4867	1.74783	0.135254	1
cg12610744	0.109173	1.28069	1.28069	0.011796	1.56109	1.56109	0.53008	0.913855	-1.09426	0.839619	0.971709	-1.02911	6.01284	1.9101	0.282373	1
cg21558752	0.688815	1.08696	1.08696	0.467449	1.1655	1.1655	0.096996	0.685708	-1.45835	0.598346	0.895738	-1.1164	5.25469	3.57049	0.603988	1
cg21359793	0.648116	1.08165	1.08165	0.0784534	1.3964	1.3964	0.0503447	0.683136	-1.46384	0.560492	0.904343	-1.10577	5.21965	2.41215	0.410781	1
cg06821079	0.790132	0.914166	-1.09389	2.64E-05	0.0610464	-16.381	0.014478	0.362886	-2.75569	0.0174599	0.377769	-2.64712	11.6372	20.8626	1.59355	1
cg05355301	0.0665031	0.550907	-1.81519	3.52E-05	0.0987688	-10.1247	0.0435673	0.510521	-1.95878	0.0223369	0.452413	-2.21037	9.85994	13.1079	1.1817	1
cg17703934	0.950835	0.986137	-1.01406	0.00536192	0.435948	-2.29385	0.00701298	0.454154	-2.2019	0.452867	0.841025	-1.18903	6.15579	4.99744	0.721625	1
cg01455550	0.0999076	0.639048	-1.56483	0.000728922	0.279244	-3.5811	0.46311	0.830696	-1.20381	0.92562	0.977076	-1.02346	5.73504	5.60267	0.868372	1
cg14675357	0.476803	1.13362	1.13362	0.00570695	0.533435	-1.87464	0.24867	0.81135	-1.23251	0.0414552	0.665201	-1.5033	10.0987	4.80726	0.423136	1
cg17667972	0.513939	1.16276	1.16276	0.0147257	1.98164	1.98164	0.252301	0.761523	-1.31316	0.666296	0.905886	-1.10389	6.59157	5.41843	0.730687	1
cg04254916	0.225016	1.13186	1.13186	0.000173181	1.85851	1.85851	0.564641	0.944977	-1.05823	0.753836	1.03105	1.03105	7.37451	1.10343	0.133002	1
cg17565113	0.233	0.573158	-1.74472	0.588048	0.783952	-1.27559	0.385984	0.673312	-1.4852	0.570455	0.774759	-1.29072	3.42546	10.7466	2.78868	1
cg16167877	0.274255	0.758354	-1.31864	0.698916	1.09911	1.09911	0.488727	1.1865	1.1865	0.860786	0.958218	-1.0436	3.80947	3.56674	0.83225	1
cg16112157	0.00265833	0.294441	-3.39627	2.07E-05	0.0798833	-12.5183	0.319589	1.35335	1.35335	0.0771475	0.560945	-1.7827	13.3115	18.2458	1.21838	1
cg04880990	0.152781	0.66161	-1.51146	0.00101041	0.268232	-3.72812	0.692574	1.11315	1.11315	0.842398	0.947716	-1.05517	8.31479	9.58259	1.02442	1
cg11471401	0.824746	0.934019	-1.07064	0.000234754	0.153055	-6.5336	0.37965	1.31966	1.31966	0.0156438	0.401709	-2.48936	8.03529	12.0543	1.33348	1
cg05824973	0.424131	0.707242	-1.41394	0.000343502	0.0866855	-11.5359	0.796319	0.896051	-1.11601	0.00559732	0.213596	-4.68173	7.48412	21.3424	2.53484	1
cg00213044	0.169233	0.679556	-1.47155	0.00049365	0.237165	-4.21648	0.1086	0.630235	-1.58671	0.0676422	0.582737	-1.71604	6.71882	7.40422	0.979566	1
cg03462053	0.409281	1.18103	1.18103	0.0175296	0.565542	-1.76822	0.00912189	1.92142	1.92142	0.123304	0.719545	-1.38977	5.53195	3.40577	0.547249	1
cg07356876	0.00158703	0.356553	-2.80463	0.00224421	0.377875	-2.64638	0.257523	0.764307	-1.30837	0.0158754	0.51071	-1.95806	9.35461	7.66621	0.728455	1
cg07658640	0.861223	0.966854	-1.03428	0.00403563	0.475227	-2.10426	0.0613688	0.666288	-1.50085	0.00116059	0.3989	-2.5069	10.4848	6.16202	0.522411	1
cg22460123	0.0767967	0.693254	-1.44247	6.36E-05	0.254187	-3.93411	0.573959	0.899649	-1.11154	0.00187794	0.440131	-2.27205	15.1714	8.32653	0.487848	1
cg22193385	0.652594	0.868974	-1.15078	0.00895546	0.356886	-2.80202	0.385187	0.758868	-1.31775	7.98E-05	0.109861	-9.10244	14.9722	22.7774	1.35228	1
cg07022048	0.0501649	0.61217	-1.63353	0.000599226	0.312326	-3.20178	0.0246019	0.555267	-1.80094	0.00993703	0.488886	-2.04547	12.1087	9.26231	0.679936	1
cg19680413	0.242448	0.729056	-1.37164	0.166139	1.46439	1.46439	0.197315	1.42199	1.42199	0.0236109	2.01008	2.01008	6.88275	7.27387	0.939401	1
cg22958090	0.0326887	17.6681	17.6681	0.00220372	138.538	138.538	0.00594762	62.3627	62.3627	0.0201316	25.0539	25.0539	5.04747	105.547	18.5874	1
cg09680665	0.589281	1.10264	1.10264	0.00965239	1.79886	1.79886	0.524542	1.12255	1.12255	0.743428	1.06065	1.06065	4.63805	2.36064	0.45242	1
cg06153634	0.0434559	2.35833	2.35833	0.063746	2.1598	2.1598	0.00400704	4.17326	4.17326	0.00968269	3.35128	3.35128	4.60295	9.95114	1.92169	1
cg07967679	0.110105	8.52248	8.52248	0.00377031	122.742	122.742	0.0076719	67.7716	67.7716	0.024182	27.3051	27.3051	4.388	105.213	21.3133	1
cg09522147	0.0442225	6.41845	6.41845	0.0102642	13.4947	13.4947	0.0122104	12.3254	12.3254	0.0491027	6.09149	6.09149	3.67331	37.6424	9.10894	1
cg23767977	8.18E-06	2.40844	2.40844	1.56E-06	2.98641	2.98641	0.509465	1.06225	1.06225	0.373683	0.920896	-1.0859	34.3619	4.43196	0.114648	1
cg08352148	0.48102	0.808595	-1.23671	0.00366517	0.311795	-3.20723	0.700618	1.12142	1.12142	0.0984019	0.584139	-1.71192	6.04714	8.42616	1.23859	1
cg00676085	0.177461	0.555625	-1.79977	0.000121249	0.0637635	-15.6829	0.0108622	0.269461	-3.71111	0.0222256	0.325055	-3.0764	9.10817	24.2503	2.36664	1
cg06494782	0.0760973	2.39398	2.39398	0.0688903	0.406403	-2.46061	0.0105346	4.15102	4.15102	0.487297	1.36633	1.36633	4.97969	15.4275	2.75385	1
cg22200736	0.497223	1.50014	1.50014	0.0151949	5.7813	5.7813	0.00378127	9.96519	9.96519	0.0370025	4.15863	4.15863	4.94086	27.0934	4.87426	1
cg06628878	0.00527052	4.03537	4.03537	0.134087	1.84543	1.84543	0.0122164	3.2675	3.2675	0.107279	1.94773	1.94773	4.59556	10.4676	2.02469	1
cg11405852	0.774444	0.92327	-1.08311	0.791796	0.929126	-1.07628	0.267776	0.725602	-1.37817	0.0180424	0.450156	-2.22145	4.22947	5.17149	1.08687	1
cg23337631	0.356984	1.84087	1.84087	0.00588983	10.1874	10.1874	0.0158509	6.7089	6.7089	0.117137	2.99337	2.99337	3.87553	25.468	5.84133	1
cg10292376	0.687369	1.28601	1.28601	0.0283753	4.99733	4.99733	0.00484118	10.2103	10.2103	0.0967763	3.10654	3.10654	3.41899	20.9347	5.44272	1
cg18161890	0.0671906	6.86985	6.86985	0.0019649	60.967	60.967	0.00628745	28.3286	28.3286	0.0214331	13.4139	13.4139	5.40326	75.5237	12.4244	1
cg20050826	0.131238	3.473	3.473	0.00474968	17.5505	17.5505	0.0119828	10.9692	10.9692	0.047198	5.66957	5.66957	4.5957	42.4929	8.21887	1
cg22872002	0.561692	1.10406	1.10406	0.0017111	0.469811	-2.12851	9.03E-05	0.306863	-3.25878	0.0861868	0.726251	-1.37693	12.578	5.67044	0.400732	1
cg13928961	0.129956	1.32728	1.32728	0.556478	0.90217	-1.10844	0.123177	0.748963	-1.33518	0.0523104	0.682486	-1.46523	6.4776	3.07365	0.421781	1
cg24094029	0.170001	0.43343	-2.30718	0.0172903	0.190401	-5.25207	0.0571789	0.292052	-3.42405	0.10244	0.359782	-2.77946	3.52875	18.2864	4.60632	1
cg10633827	0.000205005	0.455336	-2.19618	0.0003535	0.484009	-2.06608	2.29E-05	0.342374	-2.92078	0.0401366	0.740896	-1.34972	32.7261	8.28842	0.225125	1
cg18828137	0.0993449	1.30849	1.30849	0.011651	1.5988	1.5988	0.375277	1.14504	1.14504	0.499232	1.10748	1.10748	6.05652	2.1249	0.311862	1
cg27222589	0.0831039	1.25099	1.25099	0.00110017	1.75356	1.75356	0.834587	1.02471	1.02471	0.202054	1.17025	1.17025	4.47983	0.966512	0.191775	1
cg20001810	0.280803	0.733374	-1.36356	0.0549632	0.547709	-1.82579	0.0305089	0.494972	-2.02032	0.0100663	0.407209	-2.45574	6.91338	8.37834	1.07725	1
cg04918314	0.9414	1.04802	1.04802	0.00139732	0.052156	-19.1732	0.522761	0.661497	-1.51172	0.0189538	0.163201	-6.12741	5.6573	36.4706	5.73035	1
cg14275095	0.00367569	1.62931	1.62931	0.0010363	1.82932	1.82932	0.933241	0.989639	-1.01047	0.211697	1.17768	1.17768	5.01821	1.22811	0.217538	1
cg07167114	0.070601	2.0829	2.0829	0.366688	0.714072	-1.40042	0.118281	1.85127	1.85127	0.101148	1.9192	1.9192	4.44251	9.27897	1.8566	1
cg19893185	0.223756	1.46216	1.46216	0.191785	0.663164	-1.50792	0.370129	1.31464	1.31464	0.456644	1.25274	1.25274	3.77609	5.28372	1.24378	1
cg00058026	0.0622447	0.796297	-1.25581	0.00052887	0.556663	-1.79642	0.126707	0.835878	-1.19635	0.0464801	0.780773	-1.28078	15.9185	2.9691	0.165794	1
cg10284006	0.0113522	0.400392	-2.49755	0.0021757	0.288816	-3.46242	0.000274838	0.178968	-5.58759	0.0203852	0.446099	-2.24165	10.5566	13.9425	1.17398	1
cg11465372	0.284643	1.3769	1.3769	0.211201	0.684499	-1.46092	0.00512816	0.345072	-2.89794	0.390914	0.776485	-1.28785	7.47372	9.8024	1.16585	1
cg17129918	0.0328895	0.327578	-3.05271	0.000114864	0.0485187	-20.6106	0.204386	0.549374	-1.82026	0.0294656	0.317683	-3.14779	9.63786	30.5305	2.81579	1
cg05921581	0.934377	0.967656	-1.03342	0.00270258	0.191167	-5.23102	0.280757	0.639155	-1.56457	0.104691	0.492623	-2.02995	5.92403	14.9551	2.24399	1
cg03806752	0.747068	0.859226	-1.16384	0.0012845	0.110742	-9.03003	0.00242707	0.138153	-7.23836	0.0811501	0.403894	-2.4759	5.30665	18.477	3.09498	1
cg24220733	0.101044	1.59098	1.59098	0.491652	1.19795	1.19795	0.0136005	0.454098	-2.20217	0.217968	1.39808	1.39808	4.73969	5.01915	0.941298	1
cg19484680	0.866899	1.03238	1.03238	0.00240263	0.447776	-2.23326	0.0155829	0.569216	-1.7568	0.0516904	0.656569	-1.52307	12.6782	7.24824	0.508187	1
cg07237397	0.86388	0.952042	-1.05037	0.000217614	0.170959	-5.84935	0.000594753	0.219068	-4.5648	0.0707214	0.560791	-1.7832	9.16249	11.9042	1.15487	1
cg06203952	0.681446	0.933992	-1.07067	0.0971726	1.35146	1.35146	0.0388659	0.67323	-1.48538	0.672409	0.932052	-1.0729	8.32945	3.61098	0.385351	1
cg07265310	0.0248586	0.560935	-1.78274	0.00182112	0.383131	-2.61007	0.00138356	0.366457	-2.72884	0.0371241	0.592184	-1.68866	8.03807	5.96708	0.659869	1
cg11845202	0.370474	1.09453	1.09453	0.00767545	1.40007	1.40007	0.391478	0.91738	-1.09006	0.772226	1.02892	1.02892	7.49628	1.14529	0.135805	1
cg06809188	0.264827	0.83527	-1.19722	0.000328708	0.407163	-2.45602	0.00222044	0.514867	-1.94225	0.119188	0.769572	-1.29942	6.64478	2.52468	0.337733	1
cg13856867	0.0558334	0.505033	-1.98007	0.00372795	0.290798	-3.43881	0.00193142	0.250683	-3.98911	0.122175	0.589652	-1.69591	5.44943	8.58069	1.39965	1
cg26639820	0.32072	0.909645	-1.09933	0.131795	1.16201	1.16201	0.0370772	0.799757	-1.25038	0.320287	0.909563	-1.09943	5.0695	0.684044	0.119941	1
cg19793747	0.723725	0.904644	-1.10541	0.000302266	0.190388	-5.25242	0.736426	1.10008	1.10008	0.221198	0.695512	-1.43779	4.53499	5.72632	1.1224	1
cg19944705	0.0459329	0.648745	-1.54144	0.00338233	0.470576	-2.12505	0.00194242	0.436412	-2.29141	0.261855	0.801475	-1.2477	9.06112	5.13412	0.503653	1
cg04050068	0.0628743	0.65531	-1.52599	4.20E-05	0.207111	-4.82832	0.0392093	0.617615	-1.61913	0.0870999	0.682801	-1.46456	10.2745	6.63728	0.574218	1
cg11934394	0.0129137	2.36778	2.36778	0.0596968	0.552413	-1.81024	0.167955	0.663384	-1.50742	0.704907	0.899193	-1.11211	6.76709	8.35943	1.09805	1
cg23696712	0.115762	0.53376	-1.8735	0.928945	0.967778	-1.03329	0.230688	0.630184	-1.58684	0.510076	0.782413	-1.2781	4.44397	9.49135	1.89847	1
cg12495333	0.198642	0.532576	-1.87767	0.00788723	0.205821	-4.85858	0.0104069	0.223958	-4.46512	0.182455	0.518791	-1.92756	4.18488	14.2575	3.02836	1
cg26489534	0.937245	1.01736	1.01736	0.366803	1.22457	1.22457	0.128728	0.698538	-1.43156	0.175969	1.36945	1.36945	3.83779	2.9023	0.672216	1
cg07636477	0.0499206	1.5406	1.5406	0.0208555	1.71168	1.71168	0.72861	0.934894	-1.06964	0.788501	1.05334	1.05334	3.51722	2.08085	0.525884	1
cg09670128	0.0661956	59.8523	59.8523	0.0121928	493.796	493.796	0.0123718	484.653	484.653	0.0278949	174.05	174.05	3.71458	231.969	55.5096	1
cg10843343	0.014255	1.52301	1.52301	2.27E-07	0.114708	-8.71781	0.0109671	1.5593	1.5593	0.606016	0.930152	-1.07509	52.8945	16.2256	0.27267	1
cg17508063	0.621458	0.93372	-1.07099	1.98E-05	3.29004	3.29004	0.063695	1.33273	1.33273	0.487128	1.10216	1.10216	10.6341	3.19732	0.267259	1
cg24504361	0.753043	1.08068	1.08068	0.000356573	0.244438	-4.09101	0.230298	1.36258	1.36258	0.809379	0.942321	-1.06121	7.64011	7.31213	0.850729	1
cg24773412	0.10135	0.575373	-1.738	0.01397	0.392428	-2.54824	0.00315124	0.288422	-3.46714	0.0427172	0.487338	-2.05197	5.10224	7.67199	1.33658	1
cg07986666	0.0475962	2.22716	2.22716	0.0103291	3.13276	3.13276	0.0122636	3.01184	3.01184	0.143115	1.74397	1.74397	4.20426	8.31701	1.75843	1
cg17324880	0.230504	1.18694	1.18694	0.34903	0.876919	-1.14036	0.265082	1.17144	1.17144	0.105017	0.785581	-1.27294	12.8931	3.79002	0.261294	1
cg24174145	0.292827	0.536842	-1.86275	9.11E-05	0.0185681	-53.8558	0.0867593	0.340184	-2.93959	0.0108022	0.161205	-6.20329	8.91985	45.8991	4.57398	1
cg00280812	0.50697	0.695897	-1.43699	0.000499132	0.0532468	-18.7805	0.0144872	0.197447	-5.06466	0.00801613	0.160473	-6.23158	8.28948	38.074	4.08271	1
cg04472592	0.451041	0.707118	-1.41419	0.000548091	0.0886775	-11.2768	0.00980824	0.229148	-4.36399	0.0129963	0.24883	-4.01881	7.97156	25.713	2.86719	1
cg02387510	0.226429	0.836896	-1.19489	0.0209451	1.47621	1.47621	0.318486	0.865417	-1.15551	0.647383	1.06669	1.06669	7.6034	2.36672	0.276685	1
cg07925587	0.0454151	0.512441	-1.95144	0.42996	0.790792	-1.26455	0.00343157	0.314073	-3.18397	0.0247772	0.459042	-2.17845	7.41418	9.96707	1.19496	1
cg23243343	0.684479	0.927039	-1.0787	0.735241	1.06496	1.06496	0.0434831	0.650155	-1.53809	0.0395017	0.643002	-1.55521	6.16113	3.35544	0.484101	1
cg20225745	0.215736	0.419912	-2.38145	0.00210546	0.056124	-17.8177	0.0179547	0.147321	-6.7879	0.032164	0.188027	-5.31839	5.26498	36.984	6.24403	1
cg01182683	0.166556	0.462979	-2.15992	0.00585071	0.152031	-6.57761	0.125833	0.421142	-2.3745	0.0525318	0.316355	-3.16101	5.16189	22.284	3.83736	1
cg19092735	0.993376	1.00235	1.00235	0.021114	0.456583	-2.19018	0.0248643	0.470053	-2.12742	0.323893	0.749738	-1.3338	3.81777	4.83255	1.12516	1
cg07309136	0.327459	1.36939	1.36939	0.128332	1.66728	1.66728	0.593353	1.18248	1.18248	0.629071	1.16342	1.16342	3.6262	5.55415	1.36149	1
cg16432350	0.0989617	0.154074	-6.4904	0.00165457	0.00951106	-105.141	0.0772351	0.131183	-7.62294	0.0385729	0.0839481	-11.9121	4.19425	71.0132	15.0499	1
cg15701111	0.017281	2.8063	2.8063	0.000215765	8.99899	8.99899	0.00304933	4.2379	4.2379	0.00898731	3.26114	3.26114	7.72621	15.4926	1.7824	1
cg09616715	0.0488929	0.273107	-3.66157	0.0335201	0.23852	-4.19252	0.0026132	0.0902095	-11.0853	0.0253134	0.21555	-4.63929	4.85167	25.5916	4.6887	1
cg14755549	0.112647	0.780972	-1.28046	0.0231882	1.47481	1.47481	0.0122002	0.639503	-1.56371	0.880572	0.978708	-1.02176	3.47329	1.12727	0.288493	1
cg03800797	0.720775	0.849032	-1.17781	0.0530333	0.366959	-2.7251	0.0388683	0.336046	-2.97579	0.0331634	0.321245	-3.11289	3.44559	11.347	2.92728	1
cg23020795	0.399463	1.09749	1.09749	0.138829	1.18748	1.18748	0.115661	0.831571	-1.20254	0.413064	0.913703	-1.09445	9.56564	1.76213	0.163747	1
cg13696887	0.796177	1.03827	1.03827	0.348624	1.15029	1.15029	0.278499	0.849161	-1.17763	0.100249	1.29861	1.29861	7.79213	2.59836	0.296409	1
cg25497938	0.158642	1.25654	1.25654	0.427242	1.13071	1.13071	0.966811	0.993714	-1.00633	0.248772	0.833014	-1.20046	6.85894	2.49501	0.323342	1
cg20679157	0.128479	1.34922	1.34922	0.650138	0.92097	-1.08581	0.339215	1.19512	1.19512	0.939977	0.986528	-1.01366	6.79365	3.41702	0.391201	1
cg24926042	0.0340974	0.46316	-2.15908	0.0106821	0.368316	-2.71506	0.042986	0.484397	-2.06442	0.0114136	0.37328	-2.67895	5.11707	7.85062	1.36374	1
cg17891088	0.174748	1.20559	1.20559	0.00101342	1.88058	1.88058	0.720491	1.04764	1.04764	0.501873	1.0923	1.0923	4.07742	1.08353	0.236212	1
cg11057082	0.0750292	1.74359	1.74359	0.00254042	3.23676	3.23676	0.0276256	2.07568	2.07568	0.0732552	1.75091	1.75091	3.71401	4.62527	1.10698	1
cg00713401	0.103844	1.20238	1.20238	0.5308	1.06801	1.06801	0.132899	0.84534	-1.18296	0.804569	0.974636	-1.02602	14.4758	2.46191	0.151174	1
cg08257133	0.70357	0.91428	-1.09376	0.999353	0.99981	-1.00019	0.00211823	0.363209	-2.75324	0.432272	0.828717	-1.20668	4.03201	3.50922	0.773636	1
cg08092837	0.0404885	0.275904	-3.62444	0.0424539	0.280362	-3.56682	0.0036435	0.117591	-8.50405	0.0837884	0.35296	-2.83318	3.9632	18.591	4.16969	1
cg16791508	0.0292019	0.274854	-3.6383	0.331397	0.604298	-1.65481	0.667374	0.804688	-1.24272	0.183088	0.49164	-2.03401	3.86308	15.4556	3.55631	1
cg16160105	0.169647	0.653747	-1.52964	0.0396784	0.501028	-1.9959	0.0172174	0.430318	-2.32386	0.280789	0.722015	-1.38501	3.48556	4.65986	1.18836	1
cg19345970	0.706014	1.09249	1.09249	3.36E-06	0.0773636	-12.926	0.00695477	0.245525	-2.25945	0.015491	0.499968	-2.00013	20.1495	17.3894	0.767127	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21518208	KRT85	0.000383858	0.0695634	0.688823	-1.45175	0.929906	0.983972	-1.01629	0.000303027	0.340125	-2.94009	0.59694	0.906641	-1.10297	6.27E-05	0.258204	-3.87291
cg15771200	KRT85	0.000457266	0.0306257	0.562143	-1.77891	0.0800098	0.643713	-1.55349	0.000108011	0.212698	-4.7015	0.00131573	0.34639	-2.88692	5.96E-05	0.185646	-5.38659
cg06132342	KRT85	0.000466066	0.902372	0.983603	-1.01667	0.774587	0.962055	-1.03944	7.93E-05	0.382584	-2.61381	0.0348768	0.718012	-1.39273	6.57E-05	0.372779	-2.68256
cg04473405	KRT85	0.000576439	7.69E-05	0.393839	-2.53911	0.860364	1.02317	1.02317	2.93E-05	0.344493	-2.90282	0.390596	0.891868	-1.12124	0.0210876	0.697086	-1.43454
cg03466342	KRT85	0.0014017	0.577361	0.918309	-1.08896	0.266141	1.19173	1.19173	0.0458063	0.707094	-1.41424	0.0447503	0.705545	-1.41734	0.327215	0.858032	-1.16546
cg08683297	KRT85	0.00455404	0.0762951	0.77841	-1.28467	0.529187	1.08434	1.08434	0.000473226	0.497871	-2.00855	0.0107165	0.665402	-1.50285	0.269455	0.864092	-1.15728
cg12689128	KRT85	0.00781094	0.713261	0.911378	-1.09724	0.522896	1.1768	1.1768	0.00401958	0.378442	-2.64241	0.705514	0.908964	-1.10015	0.00504323	0.393585	-2.54075
cg13419240	KRT85	0.0208515	0.332753	0.883611	-1.13172	0.0574412	0.766345	-1.3049	0.000721679	0.528829	-1.89097	0.703442	0.953738	-1.04851	0.28587	0.87174	-1.14713
cg07115879	KRT86	0.000540167	0.149462	1.35009	1.35009	0.224735	0.780622	-1.28103	0.26469	0.797897	-1.25329	0.420835	0.852384	-1.17318	8.81E-06	0.153675	-6.50724
cg23587980	KRT86	0.00106983	0.00207517	0.281987	-3.54626	0.049466	1.92432	1.92432	0.004315	0.328186	-3.04705	0.0112483	0.395636	-2.52757	0.000550702	0.208791	-4.78948
cg16911220	KRT86	0.011825	0.577529	1.13527	1.13527	0.0141772	0.505431	-1.97851	0.00253064	0.388663	-2.57293	0.590548	0.884736	-1.13028	0.637168	1.11307	1.11307
cg19365166	KRT86	0.0128936	0.193724	0.798353	-1.25258	0.237754	1.22451	1.22451	0.174114	1.26716	1.26716	0.892484	1.02239	1.02239	0.000483669	0.408121	-2.45025
cg11447811	KRT9	5.35E-05	0.27803	0.792046	-1.26255	0.271219	0.789198	-1.26711	0.0573228	0.641213	-1.55954	0.474688	0.860489	-1.16213	9.63E-05	0.238355	-4.19542
cg10328573	KRT9	0.000387459	0.255458	1.30928	1.30928	0.000330464	0.268279	-3.72746	0.00017753	0.236429	-4.2296	0.01432	0.503855	-1.9847	0.00494113	0.429564	-2.32794
cg03445310	KRT9	0.000731514	0.986272	1.00795	1.00795	0.00161043	0.124855	-8.00929	0.00017777	0.0538127	-18.583	0.722168	0.848536	-1.1785	0.00532645	0.184694	-5.41436
cg15378866	KRT9	0.00117501	0.453907	0.879945	-1.13644	2.57E-05	0.247031	-4.04808	0.0197603	0.6238	-1.60308	0.914954	1.01807	1.01807	0.775301	1.04915	1.04915
cg08110688	KRT9	0.00262924	0.24644	1.83726	1.83726	0.0204544	0.246166	-4.0623	0.00232159	0.118279	-8.4546	0.875202	0.924155	-1.08207	0.00240238	0.119756	-8.35029
cg02784874	KRT9	0.00510366	0.638278	1.19497	1.19497	0.432801	0.739984	-1.35138	0.00255161	0.207109	-4.82838	0.00819162	0.28008	-3.57041	0.0153981	0.326751	-3.06043
cg17896965	KRT9	0.0213398	0.38775	1.82699	1.82699	0.00639778	0.0893446	-11.1926	0.0103348	0.110871	-9.01949	0.576041	0.680725	-1.46902	0.0296291	0.174963	-5.7155
cg23377607	KRT9	0.0261036	0.107952	0.426767	-2.3432	0.0210716	0.260039	-3.84557	0.00228069	0.126016	-7.93549	0.600369	0.77366	-1.29256	0.0199357	0.255659	-3.91146
cg19865564	KRT9;KRT9	0.0341575	0.27467	1.92914	1.92914	0.587692	0.728712	-1.37228	0.0090441	0.146875	-6.80851	0.0304144	0.229728	-4.35298	0.451442	0.64176	-1.55822
cg08345142	KRTAP1-1	6.27E-06	0.736856	1.07112	1.07112	0.560066	0.88688	-1.12755	4.06E-05	0.202791	-4.93119	0.0156786	0.546946	-1.82833	0.0136955	0.537383	-1.86087
cg24414383	KRTAP1-1	6.42E-06	0.14514	1.43376	1.43376	0.185966	0.724021	-1.38118	8.20E-06	0.106189	-9.4172	0.0858202	0.645839	-1.54837	0.0381149	0.574916	-1.73938
cg13146913	KRTAP1-3	9.47E-05	0.315131	1.19246	1.19246	0.000102442	0.311798	-3.20721	0.000305921	0.370215	-2.70113	0.161005	1.28879	1.28879	0.297205	0.832653	-1.20098
cg24280483	KRTAP1-3	0.00648137	0.357668	0.779323	-1.28317	0.0605383	0.572465	-1.74683	0.000142378	0.177448	-5.63544	0.0566633	0.566295	-1.76586	0.0191669	0.473759	-2.11078
cg14490783	KRTAP1-5	0.000451311	0.354886	0.856306	-1.16781	0.183369	1.25871	1.25871	0.00935551	0.584389	-1.71119	0.301606	0.839925	-1.19058	0.326995	0.84795	-1.17931
cg23878404	KRTAP1-5	0.0271598	0.103044	0.376263	-2.65771	0.1006	0.373149	-2.67989	0.00778517	0.1537	-6.50617	0.176087	0.454581	-2.19983	0.0239144	0.22833	-4.37964
cg14588606	KRTAP1-5	0.0346286	0.0309755	0.163037	-6.13359	0.0921991	0.265188	-3.7709	0.0247741	0.14751	-6.7792	0.282538	0.449481	-2.22479	0.00626748	0.0780432	-12.8134
cg00201534	KRTAP10-10;C21orf29	0.00416391	0.052781	1.49473	1.49473	0.000147624	3.29198	3.29198	0.50034	1.13304	1.13304	0.0238925	1.63578	1.63578	0.790186	1.04989	1.04989
cg07083366	KRTAP10-10;C21orf29	0.005484	0.923065	1.01774	1.01774	0.0183548	1.68338	1.68338	0.0333051	0.635895	-1.57259	0.812129	0.957593	-1.04429	0.743554	0.942006	-1.06156
cg08475518	KRTAP10-10;C21orf29	0.00897641	0.109876	1.3638	1.3638	0.00411363	1.98422	1.98422	0.0818135	0.709395	-1.40965	0.139907	0.753687	-1.32681	0.00656085	0.53332	-1.87505
cg27315633	KRTAP10-10;C21orf29	0.0266116	0.0916424	0.354568	-2.82033	0.124195	0.394803	-2.53291	0.0234019	0.220478	-4.53559	0.617003	0.754669	-1.32508	0.239373	0.50267	-1.98938
cg04204557	KRTAP10-11;C21orf29	0.0220058	0.814449	0.955127	-1.04698	0.0388774	0.626888	-1.59518	0.231267	0.782539	-1.27789	0.0438919	0.636184	-1.57187	0.0111888	0.537508	-1.86044
cg11220732	KRTAP10-11;C21orf29	0.0430306	0.395137	1.37274	1.37274	0.480093	1.29839	1.29839	0.205231	0.614964	-1.62611	0.24145	0.64016	-1.56211	0.00836557	0.293566	-3.40639
cg00947859	KRTAP10-11;KRTAP10-11;C21orf29	0.0170836	0.265457	1.52493	1.52493	0.00142032	5.35883	5.35883	0.0233254	2.67917	2.67917	0.0731322	2.0682	2.0682	0.35925	1.40882	1.40882
cg00163674	KRTAP10-12;C21orf29	5.25E-05	0.219539	0.801109	-1.24827	0.00549061	0.534144	-1.87216	7.89E-06	0.186159	-5.37175	0.00331626	0.503132	-1.98755	2.92E-05	0.244686	-4.08688
cg16733400	KRTAP10-12;C21orf29	0.00964492	0.71941	1.06612	1.06612	0.471189	1.13894	1.13894	0.836489	1.03736	1.03736	0.325027	1.19767	1.19767	0.0709364	1.43061	1.43061
cg16418971	KRTAP10-1;C21orf29	7.95E-05	0.0294117	1.45217	1.45217	0.00399511	0.569676	-1.75538	0.000619721	0.464821	-2.15137	0.343687	1.15242	1.15242	0.249093	1.19149	1.19149
cg12501220	KRTAP10-2;C21orf29	0.0342705	0.0168264	2.51302	2.51302	0.396097	1.31592	1.31592	0.0226527	0.422291	-2.36804	0.0119323	2.69426	2.69426	0.326546	1.37711	1.37711
cg15045174	KRTAP10-2;KRTAP10-2;C21orf29	0.018705	0.688893	0.855233	-1.16927	0.0378348	2.54921	2.54921	0.806737	0.909155	-1.09992	0.167115	0.564234	-1.77232	0.0481547	0.415795	-2.40503
cg09884983	KRTAP10-3;C21orf29	0.00216038	0.496955	1.20236	1.20236	0.0001416	0.173035	-5.77918	0.139021	0.653443	-1.53036	0.428093	1.24133	1.24133	0.0061649	0.384947	-2.59776
cg16971641	KRTAP10-3;C21orf29	0.00408812	0.74686	0.938169	-1.06591	0.135888	0.728543	-1.3726	0.0101385	0.527745	-1.89485	0.46183	1.15908	1.15908	0.96282	0.990856	-1.00923
cg03418563	KRTAP10-3;C21orf29	0.038477	0.107058	1.77006	1.77006	0.16976	1.60753	1.60753	0.321527	0.717183	-1.39434	0.819029	1.07722	1.07722	0.0649609	0.510347	-1.95945
cg19821361	KRTAP10-6;C21orf29	0.014581	0.0310562	0.10175	-9.82804	0.983384	1.01898	1.01898	0.117719	0.215703	-4.63601	0.5573	0.585172	-1.7089	0.00388481	0.0298781	-33.4693
cg06068803	KRTAP10-6;C21orf29	0.0430311	0.0612057	1.75062	1.75062	0.817451	0.940468	-1.0633	0.0242104	0.490027	-2.04071	0.434815	0.809344	-1.23557	0.185347	0.688772	-1.45186
cg11698180	KRTAP10-7;C21orf29	0.000180103	0.22926	0.885383	-1.12945	0.1594	0.864943	-1.15615	4.88E-05	0.478646	-2.08923	0.0258641	1.29081	1.29081	0.0441464	1.24997	1.24997
cg24062909	KRTAP10-7;C21orf29	0.0217048	0.28909	0.750039	-1.33326	0.219898	1.40098	1.40098	0.302569	0.756434	-1.32199	0.429077	0.809775	-1.23491	0.262761	0.736987	-1.35688
cg18667511	KRTAP10-7;C21orf29	0.0381948	0.669884	0.91452	-1.09347	0.327409	1.23449	1.23449	0.726416	0.929418	-1.07594	0.603198	1.11547	1.11547	0.0815902	1.4951	1.4951
cg02579133	KRTAP10-8;C21orf29	0.00717106	0.00595324	0.0980204	-10.202	0.0304917	0.193566	-5.1662	0.00741608	0.10779	-9.27726	0.0231477	0.17315	-5.77534	0.00376509	0.0800263	-12.4959
cg10191581	KRTAP11-1	0.000203199	8.97E-05	0.326271	-3.06494	0.00143305	0.478634	-2.08928	0.0019294	0.495885	-2.0166	0.000556554	0.424868	-2.35367	0.613754	0.92188	-1.08474
cg08097817	KRTAP11-1	0.000795854	0.00699008	0.341997	-2.92401	0.00398039	0.303985	-3.28964	?	?	?	0.00167972	0.251236	-3.98033	0.173975	0.640918	-1.56026
cg12111295	KRTAP11-1	0.0450202	0.0303542	0.190682	-5.24433	0.0352639	4.93481	4.93481	0.980423	1.0161	1.0161	0.0507507	0.234794	-4.25906	0.0295242	0.188545	-5.30376
cg06683078	KRTAP12-1;C21orf29	0.0263693	0.380411	0.705576	-1.41728	0.505702	0.769702	-1.2992	0.608822	1.22148	1.22148	0.973961	1.01273	1.01273	0.361427	0.695148	-1.43854
cg10849289	KRTAP12-2;C21orf29	0.0202055	0.398783	1.40073	1.40073	0.576205	1.24642	1.24642	0.0122761	0.296208	-3.37601	0.85029	1.07649	1.07649	0.933392	0.967918	-1.03315
cg02343008	KRTAP12-3;C21orf29	0.000673035	0.766823	0.918307	-1.08896	0.0356504	0.496197	-2.01533	0.0813818	0.574858	-1.73956	0.00116131	0.254829	-3.9242	0.00401902	0.330337	-3.02721
cg03778138	KRTAP12-3;C21orf29	0.00106205	0.353143	1.29648	1.29648	0.0570167	0.556954	-1.79548	0.0484416	0.541841	-1.84556	0.429115	0.803021	-1.2453	0.168344	0.671015	-1.49028
cg01598160	KRTAP12-4;C21orf29	0.0267644	0.0299553	0.160072	-6.24718	0.023258	0.142865	-6.9996	0.160711	0.341309	-2.9299	0.131142	0.310566	-3.21992	0.0218741	0.138962	-7.19619
cg02764897	KRTAP13-1	2.41E-05	6.43E-06	0.255184	-3.91874	9.35E-05	0.38827	-2.57553	0.000170517	0.419889	-2.38158	0.000114797	0.399019	-2.50615	0.000577326	0.485225	-2.0609
cg00955544	KRTAP13-1	3.03E-05	0.000351215	0.304458	-3.28453	0.000481503	0.321821	-3.10732	0.00582877	0.473543	-2.11174	3.01E-05	0.184438	-5.42189	0.00159409	0.391431	-2.55473
cg16241541	KRTAP13-1	3.29E-05	0.00284364	0.491932	-2.0328	0.714716	0.938571	-1.06545	0.00234021	0.480191	-2.08251	0.0285668	0.640105	-1.56224	0.00633557	0.541291	-1.84743
cg26740230	KRTAP13-1	0.00121442	0.000180976	0.200926	-4.97695	0.295268	0.759623	-1.31644	0.138985	0.668048	-1.4969	0.0164907	0.47611	-2.10035	0.00404269	0.376083	-2.65899
cg01977448	KRTAP13-1	0.00337889	0.0367576	0.539572	-1.85332	0.00100207	0.288764	-3.46303	0.00283604	0.351641	-2.84381	0.000677216	0.266803	-3.74808	0.575155	0.865886	-1.15489
cg27071517	KRTAP13-1	0.0499071	0.0072558	0.420553	-2.37782	0.423638	1.22675	1.22675	0.541286	0.856716	-1.16725	0.107342	0.644341	-1.55197	0.898332	1.03248	1.03248
cg24422202	KRTAP13-2	0.00123092	7.54E-05	0.0636981	-15.6991	0.0670797	0.455281	-2.19645	0.00346073	0.218344	-4.57994	0.0103177	0.289682	-3.45206	0.0190377	0.336814	-2.96899
cg02493771	KRTAP13-2	0.0310151	0.00115434	0.238468	-4.19344	0.567129	0.840583	-1.18965	0.0539912	0.518575	-1.92836	0.0437654	0.498669	-2.00534	0.0626325	0.53314	-1.87568
cg12667511	KRTAP13-2;KRTAP13-2	0.00354882	0.00734041	0.471424	-2.12123	0.39683	1.20779	1.20779	0.945024	1.01512	1.01512	0.000522118	0.308233	-3.2443	0.285002	0.785333	-1.27335
cg06468780	KRTAP13-3	0.000174541	2.20E-05	0.246448	-4.05765	0.026103	0.647932	-1.54337	0.0299482	0.657151	-1.52172	0.00465779	0.538677	-1.8564	0.653467	0.928401	-1.07712
cg24500711	KRTAP13-3	0.00736462	0.126464	0.610752	-1.63732	0.0731605	1.81485	1.81485	0.37563	0.76247	-1.31153	0.960259	0.985248	-1.01497	0.141192	1.60312	1.60312
cg24082983	KRTAP13-4	0.00167768	0.000449505	0.0829541	-12.0549	0.0036412	0.170397	-5.86863	0.0105176	0.23498	-4.25568	0.0486373	0.363051	-2.75443	0.0049944	0.187975	-5.31986
cg15606663	KRTAP15-1	0.000517971	0.000179014	0.361363	-2.7673	0.00929559	0.589003	-1.69779	0.00010113	0.331156	-3.01972	0.00215357	0.501046	-1.99583	0.11449	1.317	1.317
cg22337977	KRTAP15-1	0.002815	0.00139042	0.20814	-4.80445	0.625315	0.846433	-1.18143	0.0337003	0.43161	-2.31691	0.000184659	0.117653	-8.49958	0.305452	0.698035	-1.43259
cg16812893	KRTAP15-1;KRTAP15-1	0.000283044	1.94E-05	0.129337	-7.73173	0.275336	1.30699	1.30699	4.92E-05	0.165476	-6.04318	0.04392	0.579105	-1.7268	0.747227	0.926548	-1.07927
cg16242770	KRTAP17-1	0.00186154	0.00535658	0.311265	-3.21269	0.0633729	0.514601	-1.94325	0.0215346	0.415411	-2.40726	0.0143603	0.382739	-2.61275	0.000557547	0.181986	-5.49493
cg26499286	KRTAP17-1	0.00883007	0.412748	0.773871	-1.2922	0.858467	1.05616	1.05616	0.159145	0.630883	-1.58508	0.0210187	0.427504	-2.33916	0.00355707	0.298445	-3.3507
cg07572773	KRTAP17-1	0.0142126	0.0246963	0.263051	-3.80155	0.112546	0.422082	-2.36921	0.0756025	0.372493	-2.68461	0.094047	0.398827	-2.50735	0.00610289	0.16742	-5.973
cg00795825	KRTAP17-1	0.0171986	0.0265704	0.24868	-4.02123	0.250985	0.529954	-1.88696	0.0334902	0.268456	-3.72501	0.121628	0.411328	-2.43115	0.00502433	0.140198	-7.13279
cg19952427	KRTAP17-1	0.0357944	0.81994	0.900361	-1.11067	0.101144	2.28514	2.28514	0.315047	0.619856	-1.61328	0.00647311	0.196	-5.10205	0.0670148	0.388628	-2.57315
cg07104086	KRTAP17-1;KRTAP17-1	0.00151271	0.876105	0.948356	-1.05446	0.0186835	0.379556	-2.63466	0.00151687	0.211759	-4.72234	0.557001	1.22369	1.22369	0.101489	0.543691	-1.83928
cg15322542	KRTAP17-1;KRTAP17-1	0.0287379	0.0232535	0.128613	-7.77527	0.294851	0.439777	-2.27388	0.0891772	0.242353	-4.12621	0.0578382	0.197572	-5.06144	0.00934364	0.0826855	-12.094
cg26885619	KRTAP17-1;KRTAP17-1	0.0435387	0.0543806	0.163873	-6.10227	0.248739	0.368265	-2.71543	0.151851	0.280253	-3.5682	0.0762959	0.195144	-5.12442	0.00562282	0.0492111	-20.3206
cg06692927	KRTAP19-1	7.26E-05	3.05E-05	0.247176	-4.0457	0.134884	0.758455	-1.31847	0.077057	0.713761	-1.40103	2.24E-05	0.232685	-4.29765	0.000272788	0.359479	-2.7818
cg09828634	KRTAP19-2	0.0102716	0.0222337	0.246395	-4.05852	0.000883389	0.0782979	-12.7717	0.121372	0.423823	-2.35947	0.00933	0.18535	-5.39519	0.0501971	0.319441	-3.13047
cg06748315	KRTAP19-3	3.66E-05	0.00324482	0.657911	-1.51996	0.0872224	0.830121	-1.20464	0.0341839	0.783747	-1.27592	0.0984377	1.19564	1.19564	1.96E-06	0.313325	-3.19158
cg04297093	KRTAP19-3	0.000191741	4.74E-06	0.114939	-8.70028	0.634875	1.10385	1.10385	0.040226	0.612931	-1.6315	0.100581	0.689713	-1.44988	0.457863	1.16898	1.16898
cg05884023	KRTAP19-3	0.00412569	0.000489563	0.318949	-3.13529	0.0508422	0.627872	-1.59268	0.00315369	0.42996	-2.3258	0.0145401	0.53273	-1.87712	0.00190137	0.398359	-2.5103
cg01257667	KRTAP19-3	0.0131252	0.00458851	0.546687	-1.8292	0.348941	1.16686	1.16686	0.0367649	0.678238	-1.47441	0.243024	0.822414	-1.21593	0.0339951	0.672967	-1.48596
cg19509743	KRTAP19-4	7.54E-06	8.80E-07	0.197387	-5.06619	0.295083	0.873839	-1.14438	1.75E-05	0.335524	-2.98041	5.44E-05	0.393029	-2.54434	1.17E-05	0.315735	-3.16721
cg06515562	KRTAP19-4	0.00476199	0.0794785	0.490397	-2.03916	0.268809	0.656012	-1.52436	0.0110025	0.311093	-3.21448	0.0595928	0.459219	-2.17761	0.00639147	0.272835	-3.66522
cg07374637	KRTAP19-5	1.90E-06	0.000261962	0.464244	-2.15404	0.0607874	1.31035	1.31035	1.10E-05	0.302111	-3.31004	3.29E-06	0.245138	-4.07933	0.366367	0.888099	-1.126
cg14054990	KRTAP19-5	0.000212887	0.000182822	0.248058	-4.03131	0.266898	0.774998	-1.29033	0.0002157	0.256465	-3.89917	0.00351358	0.417976	-2.39248	0.647722	0.90359	-1.1067
cg01221220	KRTAP19-5	0.00034658	0.000118385	0.52267	-1.91325	0.110521	1.18234	1.18234	0.0791094	1.20654	1.20654	0.951164	0.994118	-1.00592	0.786572	0.9742	-1.02648
cg25474312	KRTAP19-6	0.000513233	0.000593415	0.103236	-9.68655	0.0725252	0.424015	-2.35841	0.00115685	0.129522	-7.72068	0.0147461	0.276638	-3.61484	0.000262964	0.0766937	-13.0389
cg17503750	KRTAP19-6;KRTAP19-6	3.91E-05	0.000182068	0.462009	-2.16446	1.69E-06	0.231356	-4.32234	0.000383824	0.500889	-1.99645	0.00892922	0.666467	-1.50045	0.0245105	0.721206	-1.38657
cg06324671	KRTAP19-7	0.00033188	0.000181265	0.473683	-2.11112	0.0274637	1.36023	1.36023	0.0514587	0.769853	-1.29895	0.682203	0.952594	-1.04976	0.0051186	0.646416	-1.54699
cg21302989	KRTAP19-8	0.000157673	3.44E-05	0.373971	-2.67401	0.0347669	0.739328	-1.35258	0.93784	0.990474	-1.00962	0.000148915	0.449383	-2.22528	0.0453814	0.754509	-1.32537
cg06790305	KRTAP19-8	0.00286007	0.0254695	0.539246	-1.85444	0.0107761	0.474686	-2.10666	6.75E-05	0.18321	-5.45821	0.039976	0.575693	-1.73704	0.016361	0.505297	-1.97903
cg00271096	KRTAP19-8;KRTAP19-8	0.000850171	9.95E-06	0.144143	-6.93757	0.227124	0.771927	-1.29546	0.712463	0.927213	-1.0785	0.0061715	0.482284	-2.07347	0.0149816	0.543015	-1.84157
cg16658020	KRTAP2-1	0.00120774	0.255358	1.35888	1.35888	0.048394	1.79039	1.79039	0.000116118	0.174732	-5.72304	0.530799	1.17818	1.17818	0.341224	0.776256	-1.28823
cg21342586	KRTAP2-1	0.0303224	0.0508716	0.156069	-6.40743	0.00648111	0.05206	-19.2086	0.0283182	0.115113	-8.6871	0.688293	0.71408	-1.4004	0.0401606	0.13806	-7.24322
cg24624629	KRTAP2-1	0.0360037	0.448188	0.772343	-1.29476	0.383754	1.34782	1.34782	0.00186306	0.228699	-4.37255	0.187717	0.627142	-1.59453	0.281193	0.687754	-1.45401
cg22443249	KRTAP2-2	9.86E-05	0.0710645	1.77447	1.77447	0.00523982	0.350849	-2.85023	3.34E-05	0.101421	-9.8599	0.591314	0.857137	-1.16667	0.00162304	0.27675	-3.61336
cg04041827	KRTAP2-2	0.000230842	0.647644	1.16138	1.16138	0.759824	0.905116	-1.10483	0.00153298	0.227091	-4.40352	0.00060155	0.178969	-5.58756	0.000168073	0.124663	-8.02163
cg06331682	KRTAP2-2	0.00870821	0.280688	1.5161	1.5161	0.143222	0.557752	-1.79291	0.000263414	0.108052	-9.25478	0.750678	0.888424	-1.1259	0.309524	0.676863	-1.4774
cg08286854	KRTAP2-2;KRTAP2-2	0.00128311	0.0462967	0.536503	-1.86392	0.13209	0.641898	-1.55788	0.00721476	0.388371	-2.57486	0.308071	0.74993	-1.33346	0.000171559	0.175232	-5.70673
cg00275828	KRTAP2-4	0.00618291	0.343353	0.705644	-1.41715	0.925877	1.03379	1.03379	0.000425831	0.136324	-7.33549	0.154054	0.579844	-1.7246	0.847129	1.07136	1.07136
cg12188197	KRTAP2-4;KRTAP2-4	0.000575186	0.14593	0.625313	-1.5992	0.0330662	2.11598	2.11598	0.00017719	0.147878	-6.76235	0.0727478	0.547675	-1.8259	0.811908	0.930812	-1.07433
cg26565975	KRTAP20-1	1.21E-05	0.426421	0.88169	-1.13419	7.11E-05	0.325343	-3.07368	0.000144752	0.362518	-2.75848	0.525644	0.905096	-1.10486	3.54E-06	0.184905	-5.40817
cg04006516	KRTAP20-2	0.00038769	0.000240715	0.160836	-6.2175	0.000361809	0.179107	-5.58324	0.000230338	0.158933	-6.29197	0.00136183	0.247062	-4.04757	0.00113782	0.237065	-4.21825
cg19708992	KRTAP20-3	5.44E-05	1.08E-06	0.17819	-5.61198	0.0314963	0.710367	-1.40772	0.0560462	0.74572	-1.34099	0.00101762	0.516541	-1.93595	9.32E-05	0.388682	-2.5728
cg06002471	KRTAP20-3	0.00140674	0.000186618	0.141681	-7.0581	0.267323	0.699053	-1.43051	0.00414146	0.303917	-3.29037	0.738816	0.90152	-1.10924	0.000735508	0.2041	-4.89955
cg18593945	KRTAP20-3	0.0360608	0.0202086	0.157724	-6.34019	0.02154	0.161967	-6.17409	0.0342055	0.196042	-5.10095	0.14869	0.360091	-2.77708	0.00707756	0.100769	-9.92373
cg22961727	KRTAP21-1	2.58E-07	1.29E-05	0.40487	-2.46993	0.507433	1.06864	1.06864	8.63E-07	0.274473	-3.64335	0.00172845	0.643222	-1.55467	9.49E-06	0.389621	-2.56659
cg22405653	KRTAP21-1	0.000208813	0.00012339	0.0870801	-11.4837	0.000144933	0.0920887	-10.8591	0.00558627	0.265401	-3.76788	0.00177404	0.197445	-5.06469	0.000838303	0.160161	-6.24373
cg11354857	KRTAP21-1	0.0129701	0.00984089	0.214347	-4.66533	0.487732	1.39487	1.39487	0.0157139	0.247206	-4.0452	0.0292997	0.297593	-3.36029	0.0277513	0.292863	-3.41456
cg22373097	KRTAP21-1	0.0139207	0.00130701	0.279206	-3.58159	0.4116	0.795432	-1.25718	0.0228271	0.475885	-2.10135	0.0213807	0.470567	-2.12509	0.246765	0.718802	-1.3912
cg23581186	KRTAP21-2	0.0234266	0.0775788	0.380486	-2.62822	0.0287562	0.280694	-3.5626	0.0183008	0.244011	-4.09817	0.0161273	0.234538	-4.2637	0.152885	0.470444	-2.12565
cg17833394	KRTAP21-3	0.0166869	0.0168465	0.603867	-1.65599	0.583177	0.908594	-1.1006	0.00404345	0.512849	-1.94989	0.973012	0.994166	-1.00587	0.148728	1.3072	1.3072
cg26294716	KRTAP22-1	0.000244185	2.78E-05	0.281009	-3.55861	0.00698316	0.58472	-1.71022	0.217376	0.819063	-1.22091	0.0894063	0.749736	-1.3338	0.0552337	1.39687	1.39687
cg27456885	KRTAP22-1	0.0082107	0.000229539	0.175159	-5.70911	0.034909	0.496638	-2.01354	0.0631344	0.551522	-1.81316	0.841325	0.94453	-1.05873	0.755461	0.914894	-1.09302
cg25027603	KRTAP23-1	0.00164119	0.000164467	0.15005	-6.66444	0.0328421	0.478531	-2.08973	0.0732184	0.554408	-1.80372	0.00172923	0.267229	-3.74211	0.00813895	0.36783	-2.71864
cg24786671	KRTAP23-1	0.00610015	0.00220785	0.205884	-4.8571	0.13263	0.550034	-1.81807	0.0728395	0.478465	-2.09002	0.0261075	0.37816	-2.64439	0.000292914	0.113697	-8.79528
cg00458317	KRTAP24-1	0.000344439	0.0157088	0.619558	-1.61405	0.000771035	0.43899	-2.27796	0.00196425	0.492859	-2.02898	0.000888174	0.447028	-2.237	5.31E-05	0.295199	-3.38754
cg09892262	KRTAP24-1	0.000374182	1.33E-05	0.147137	-6.79637	0.00622596	0.472758	-2.11525	0.000260671	0.283212	-3.53093	0.0127441	0.521951	-1.91589	0.0122488	0.519154	-1.92621
cg16692258	KRTAP24-1	0.000760536	0.000898157	0.292155	-3.42284	3.96E-05	0.142895	-6.99816	0.000609934	0.27055	-3.69617	0.0376667	0.55053	-1.81643	0.00694518	0.421184	-2.37426
cg24184737	KRTAP24-1	0.00752998	0.000534874	0.335086	-2.98431	0.226104	1.29421	1.29421	0.0709763	0.664115	-1.50576	0.380227	0.833074	-1.20037	0.0564495	0.645189	-1.54993
cg03721387	KRTAP24-1;KRTAP24-1	0.00148195	0.0240542	0.495507	-2.01814	0.00600632	0.391885	-2.55177	0.00575943	0.388999	-2.5707	0.993853	1.00201	1.00201	0.0085036	0.41631	-2.40205
cg07172334	KRTAP24-1;KRTAP24-1	0.00609956	0.00148027	0.276347	-3.61864	0.123707	0.62651	-1.59614	0.00217898	0.299436	-3.33961	0.00914891	0.395185	-2.53046	0.326515	0.752701	-1.32855
cg22226342	KRTAP26-1	0.0087129	0.299649	0.73205	-1.36603	0.179161	0.660951	-1.51297	0.000799793	0.230174	-4.34453	0.00790765	0.37224	-2.68716	0.545065	1.1945	1.1945
cg18822544	KRTAP26-1;KRTAP26-1	8.40E-05	0.000970721	0.278393	-3.59204	0.00535343	0.384656	-2.59973	0.000751612	0.264099	-3.78646	6.96E-05	0.150751	-6.63343	0.00322388	0.351053	-2.84857
cg18406531	KRTAP26-1;KRTAP26-1	0.000390442	0.876492	1.03362	1.03362	0.702609	0.921669	-1.08499	0.0135675	0.522304	-1.9146	0.390714	0.829438	-1.20564	0.000283296	0.283312	-3.52968
cg17300423	KRTAP26-1;KRTAP26-1	0.00114816	0.727074	1.05919	1.05919	0.342715	1.174	1.174	0.00971215	0.584597	-1.71058	6.62E-05	0.301048	-3.32173	0.663376	0.930652	-1.07452
cg16143149	KRTAP27-1	0.0322632	0.49611	1.29108	1.29108	0.023972	0.369488	-2.70645	0.158765	0.57301	-1.74517	0.900578	1.04729	1.04729	0.00814632	0.285917	-3.49752
cg04566037	KRTAP3-1	1.06E-05	0.064305	1.35658	1.35658	0.000156649	0.387053	-2.58363	1.97E-06	0.178029	-5.61705	0.381592	1.14071	1.14071	0.3141	0.858359	-1.16501
cg24833464	KRTAP3-1	0.00319046	0.290553	1.29591	1.29591	0.0580489	0.602727	-1.65913	0.000111438	0.200721	-4.98205	0.951521	1.01447	1.01447	0.712938	1.09126	1.09126
cg16179619	KRTAP3-2	0.0282781	0.196008	1.45621	1.45621	0.0149824	0.439497	-2.27533	0.00990937	0.408381	-2.44869	0.0278079	0.489331	-2.04361	0.878106	0.958691	-1.04309
cg13183651	KRTAP3-3	0.0370089	0.155187	3.43627	3.43627	0.00972508	14.2088	14.2088	0.686873	0.719757	-1.38936	0.377593	0.479662	-2.0848	0.467266	0.548675	-1.82257
cg19055323	KRTAP4-1	0.000454041	0.000313009	0.124935	-8.00418	0.0501086	0.451567	-2.21451	0.0497962	0.450943	-2.21757	0.836272	1.07643	1.07643	0.000756563	0.162426	-6.15667
cg08785166	KRTAP4-1	0.000980534	0.265294	0.633696	-1.57804	0.0740261	0.45732	-2.18665	0.00184433	0.175936	-5.68388	0.0422391	0.398742	-2.50789	0.00161579	0.169275	-5.90755
cg04319742	KRTAP4-1	0.00203456	0.297851	1.46711	1.46711	0.00941038	0.31062	-3.21936	0.00627964	0.282381	-3.54132	0.248879	1.5343	1.5343	0.833778	1.07749	1.07749
cg21319411	KRTAP4-1	0.0130267	0.0652145	0.335834	-2.97766	0.0084742	0.170066	-5.88007	0.0311029	0.263483	-3.79532	0.137182	0.430024	-2.32545	0.00757402	0.163534	-6.11495
cg05277736	KRTAP4-11	0.00173774	0.452302	1.25934	1.25934	0.0143362	0.402837	-2.4824	0.00235355	0.278591	-3.58949	0.757451	1.09778	1.09778	0.49675	0.812372	-1.23096
cg04755999	KRTAP4-11	0.0120915	0.49813	0.861574	-1.16067	0.71581	1.08243	1.08243	0.00225007	0.395955	-2.52554	0.152587	0.717538	-1.39365	0.0387757	0.595458	-1.67938

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21518208	0.0627793	1.46889	1.46889	0.0607948	0.678295	-1.47428	0.000140973	0.299249	-3.3417	0.0292467	0.623914	-1.60279	15.3737	8.21233	0.474827	1
cg15771200	0.689572	1.09533	1.09533	0.00748204	0.458015	-2.18333	0.00123608	0.34267	-2.91826	0.0294493	0.559034	-1.7888	14.6487	11.9317	0.724019	1
cg06132342	0.204244	1.19781	1.19781	0.0232159	1.44131	1.44131	0.54751	1.08546	1.08546	0.711629	0.951207	-1.0513	14.5716	4.18875	0.25552	1
cg04473405	0.211935	0.842779	-1.18655	0.527957	0.920184	-1.08674	0.0190149	0.691182	-1.4468	0.0865326	0.781692	-1.27928	13.7364	3.68148	0.23823	1
cg03466342	0.642148	1.07342	1.07342	0.014656	1.57605	1.57605	3.80E-05	0.302152	-3.30959	0.0933197	0.756204	-1.3224	10.6858	3.87859	0.322637	1
cg08683297	0.250495	1.16477	1.16477	0.213206	0.846616	-1.18117	0.0013242	0.552557	-1.80977	0.0559136	0.75951	-1.31664	7.55031	1.92934	0.227139	1
cg12689128	0.18895	1.41895	1.41895	0.00512591	0.394683	-2.53368	0.0471267	0.564857	-1.77036	0.00684589	0.414539	-2.41232	6.39203	6.3994	0.889913	1
cg13419240	0.96101	1.00607	1.00607	0.0827428	0.788243	-1.26864	0.0104663	0.670942	-1.49044	0.97263	1.00426	1.00426	4.63825	1.12663	0.215911	1
cg07115879	0.283765	0.805509	-1.24145	0.0103736	1.87194	1.87194	0.690092	1.08095	1.08095	0.924145	0.981674	-1.01867	13.9871	8.3559	0.531022	1
cg23587980	0.103449	1.68206	1.68206	0.740618	0.907554	-1.10186	0.038857	2.01044	2.01044	0.0432881	1.97144	1.97144	11.5432	15.5873	1.20031	1
cg16911220	0.0997213	0.665799	-1.50196	0.0165412	1.93504	1.93504	0.313632	1.26487	1.26487	0.133738	1.44002	1.44002	5.60011	4.5088	0.715668	1
cg19365166	0.712406	1.06251	1.06251	0.0402878	1.47403	1.47403	0.544833	0.904507	-1.10557	0.746465	0.948261	-1.05456	5.44474	2.31277	0.377574	1
cg11447811	0.456462	0.85492	-1.1697	6.41E-07	0.0599869	-16.6703	0.0287085	0.586675	-1.70452	0.197815	0.754781	-1.32489	26.1447	17.6874	0.60135	1
cg10328573	0.00659933	0.449079	-2.22678	0.000217147	0.246537	-4.05619	0.000417784	0.280809	-3.56115	0.0230662	0.539664	-1.85301	15.3342	12.5123	0.725308	1
cg03445310	0.0353775	0.32397	-3.08671	7.74E-05	0.0371632	-26.9084	0.723814	1.1773	1.1773	0.40354	0.674869	-1.48177	12.8513	43.0755	2.97942	1
cg15378866	0.645393	0.925259	-1.08078	0.0492878	0.686467	-1.45673	0.00372056	0.518436	-1.92888	0.00577702	0.545365	-1.83363	11.2391	5.00288	0.395674	1
cg08110688	0.100424	0.405286	-2.4674	0.000339619	0.0551802	-18.1224	0.223395	1.90027	1.90027	0.156197	0.467074	-2.14099	8.89889	35.4958	3.54559	1
cg02784874	0.0350669	0.397044	-2.51861	0.00136313	0.174032	-5.74607	0.00244411	0.204709	-4.88499	0.0813878	0.483513	-2.0682	7.29274	16.3445	1.99218	1
cg17896965	0.0841547	0.272303	-3.67238	0.0048575	0.0786856	-12.7088	0.627282	0.71669	-1.3953	0.416095	0.567884	-1.76092	4.60172	33.7777	6.52465	1
cg23377607	0.214043	0.529871	-1.88725	0.05448	0.346728	-2.88411	0.0124876	0.221161	-4.5216	0.237348	0.54827	-1.82392	4.29211	16.0218	3.31809	1
cg19865564	0.486272	0.664323	-1.50529	0.00374204	0.104031	-9.6125	0.100628	0.353568	-2.82831	0.307081	0.542664	-1.84276	3.90133	20.6509	4.70515	1
cg08345142	0.966082	0.991375	-1.0087	7.27E-08	0.0255259	-39.1759	0.000806567	0.357043	-2.80078	0.0903891	0.68377	-1.46248	45.7771	30.0889	0.584259	1
cg24414383	0.97366	0.992425	-1.00763	1.03E-07	0.0189024	-52.9033	0.0167003	0.510262	-1.95978	0.208499	0.736871	-1.35709	45.51	38.2245	0.74659	1
cg13146913	0.0137537	1.67553	1.67553	8.61E-06	0.194121	-5.15142	0.948548	1.011	1.011	0.0859785	0.725045	-1.37922	22.4684	10.2184	0.404258	1
cg24280483	0.670474	0.893316	-1.11943	0.0337299	0.520168	-1.92246	0.0168198	0.46352	-2.15741	0.461336	0.820642	-1.21856	6.7754	7.45512	0.978063	1
cg14490783	0.668236	1.0728	1.0728	5.52E-06	0.187661	-5.32875	0.030112	0.659871	-1.51545	0.811233	1.03977	1.03977	14.7019	6.18602	0.374011	1
cg23878404	0.0491975	0.292139	-3.42302	0.00363023	0.115656	-8.6463	0.0182737	0.208044	-4.80668	0.243528	0.512317	-1.95192	4.23289	20.1389	4.22909	1
cg14588606	0.0822082	0.25187	-3.9703	0.00521282	0.0713803	-14.0095	0.238766	0.413309	-2.4195	0.177342	0.358185	-2.79186	3.88208	31.5297	7.21942	1
cg00201534	0.157991	1.31733	1.31733	0.723269	0.937148	-1.06707	0.055875	0.673352	-1.48511	0.0202289	1.66739	1.66739	7.75791	4.09596	0.469309	1
cg07083366	0.341516	0.836632	-1.19527	0.635333	1.09083	1.09083	0.000216687	0.325287	-3.07421	0.178124	1.29744	1.29744	7.13393	3.74216	0.466273	1
cg08475518	0.554472	0.899023	-1.11232	0.142848	0.755491	-1.32364	0.0131301	0.578347	-1.72907	0.838959	1.03689	1.03689	6.11747	3.0711	0.446241	1
cg27315633	0.115485	0.384716	-2.59932	0.00106903	0.0672861	-14.8619	0.027174	0.232321	-4.30438	0.0574036	0.301236	-3.31966	4.26326	21.0427	4.38741	1
cg04204557	0.89785	0.97523	-1.0254	0.0059873	2.01683	2.01683	0.502868	1.142	1.142	0.585482	0.898033	-1.11354	4.55353	2.75023	0.53687	1
cg11220732	0.00362368	0.238794	-4.18772	0.628578	0.837515	-1.19401	0.919423	1.03749	1.03749	0.492192	0.775882	-1.28886	3.5849	7.5132	1.86292	1
cg00947859	0.0312616	2.5064	2.5064	0.00526301	3.81117	3.81117	0.757256	0.893392	-1.11933	0.10978	1.88489	1.88489	4.96134	10.3882	1.86119	1
cg00163674	0.0183478	0.611665	-1.63488	0.0122423	1.70921	1.70921	6.06E-05	0.28022	-3.56862	0.00982765	0.570896	-1.75163	26.2783	12.2785	0.415331	1
cg16733400	0.0280243	0.630875	-1.5851	0.0290953	0.633506	-1.57852	0.00123958	0.432651	-2.31133	0.0559325	1.46865	1.46865	5.97927	2.98321	0.44349	1
cg16418971	0.000217631	0.407838	-2.45196	0.0158703	1.5367	1.5367	0.000222852	0.409112	-2.44432	2.51E-05	0.296067	-3.37762	23.5357	7.88412	0.297765	1
cg12501220	0.0432252	2.08473	2.08473	0.56961	1.19907	1.19907	0.259139	1.4505	1.4505	0.498007	1.24275	1.24275	3.89668	6.15908	1.40497	1
cg15045174	0.630394	0.828292	-1.2073	0.0027876	0.201536	-4.96189	0.00749395	0.262491	-3.80966	0.856505	0.932082	-1.07287	4.81243	11.5082	2.12565	1
cg09884983	0.0741008	0.587523	-1.70206	0.0102367	0.421083	-2.37483	0.0017926	0.305075	-3.27789	0.0412581	0.533063	-1.87595	9.42726	10.6605	1.00517	1
cg16971641	0.711581	1.07593	1.07593	0.126878	1.38457	1.38457	0.000102909	0.258092	-3.87459	0.802088	1.05074	1.05074	7.80105	4.79842	0.546755	1
cg03418563	0.11056	0.568706	-1.75838	0.0115948	0.359026	-2.78531	0.0260323	0.424268	-2.357	0.19138	0.63828	-1.56671	3.73603	6.23386	1.48318	1
cg19821361	0.135267	0.233733	-4.27838	0.00187404	0.0186553	-53.6041	0.00657057	0.0412999	-24.2132	0.460206	0.507208	-1.97158	5.2294	67.5084	11.475	1
cg06068803	0.796837	0.933808	-1.07088	0.0495505	0.551669	-1.81268	0.0123842	0.437593	-2.28523	0.276093	1.35087	1.35087	3.58489	4.00098	0.992062	1
cg11698180	0.0940507	1.19439	1.19439	0.327244	1.10251	1.10251	2.92E-05	0.453482	-2.20516	0.144794	1.16313	1.16313	18.9	2.78693	0.131072	1
cg24062909	0.485673	0.83096	-1.20343	0.00163912	0.307685	-3.25007	0.00309883	0.347219	-2.88003	0.805707	0.937617	-1.06653	4.57508	4.95029	0.961788	1
cg18667511	0.252924	1.28251	1.28251	0.891308	0.971913	-1.0289	0.00148708	0.384877	-2.59823	0.402977	1.19523	1.19523	3.74612	2.57599	0.611238	1
cg02579133	0.311116	0.508238	-1.96758	0.000782151	0.0375967	-26.5981	0.181183	0.39979	-2.50131	0.411079	0.581088	-1.72091	6.56547	43.3719	5.87206	1
cg10191581	0.894018	0.978923	-1.02153	0.00257605	1.95003	1.95003	0.462423	0.887316	-1.12699	0.000258014	0.382439	-2.6148	18.2923	7.39998	0.359592	1
cg08097817	0.959334	0.98444	-1.01581	0.000361823	0.172256	-5.8053	0.788301	1.0863	1.0863	0.000149773	0.13494	-7.41071	12.851	17.1144	1.33175	1
cg12111295	0.814	0.857759	-1.16583	0.941031	1.04934	1.04934	0.707471	0.782379	-1.27815	0.0350648	0.202178	-4.94615	3.52493	23.661	5.96665	1
cg06683078	0.02934	0.369777	-2.70433	0.00084711	0.143068	-6.9897	0.0250115	0.355731	-2.81111	0.615662	0.821857	-1.21676	4.27694	10.1766	2.11503	1
cg10849289	0.888836	0.946905	-1.05607	0.00171011	0.174332	-5.73619	0.0350951	0.383784	-2.60564	0.211351	1.6714	1.6714	4.68824	11.2989	2.14227	1
cg02343008	0.13976	0.634203	-1.57678	1.53E-05	0.076814	-13.0185	0.561827	1.18306	1.18306	0.0285956	0.477023	-2.09633	13.1549	17.1122	1.15629	1
cg03778138	0.550165	0.848484	-1.17857	1.32E-05	0.0836106	-11.9602	0.157515	1.50799	1.50799	0.456088	0.813591	-1.22912	11.5672	13.5315	1.03984	1
cg01598160	0.174763	0.355037	-2.81661	0.00371475	0.0600789	-16.6448	0.00891662	0.0918939	-10.8821	0.073034	0.238247	-4.19732	4.25472	34.6841	7.24616	1
cg02764897	0.270102	0.855622	-1.16874	0.869119	0.977856	-1.02264	0.0162838	0.671055	-1.49019	4.46E-06	0.238372	-4.19513	32.2669	9.42209	0.25956	1
cg00955544	0.00950565	0.50652	-1.97426	7.88E-07	0.0643235	-15.5464	0.189701	0.750061	-1.33322	0.00475813	0.4602	-2.17297	30.374	20.6207	0.60346	1
cg16241541	0.462908	0.878942	-1.13773	7.69E-07	0.100651	-9.93536	0.00194366	0.469093	-2.13177	2.23E-05	0.230104	-4.34587	29.7342	14.0438	0.419833	1
cg26740230	0.000990664	0.289519	-3.454	0.000372541	0.236431	-4.22957	0.697828	0.9059	-1.10388	0.00831131	0.425481	-2.35028	11.1338	11.3137	0.903259	1
cg01977448	0.604022	0.875421	-1.14231	0.418186	1.23414	1.23414	0.341348	0.779321	-1.28317	0.00670025	0.408887	-2.44567	8.26033	8.46013	0.91039	1
cg27071517	0.90226	1.0312	1.0312	0.0329617	1.86585	1.86585	0.997554	0.999234	-1.00077	0.0603509	0.588773	-1.69845	3.39053	3.35828	0.880435	1
cg24422202	0.0308024	0.378191	-2.64417	0.000310728	0.106158	-9.41992	0.123901	0.527921	-1.89422	0.01516	0.318616	-3.13857	11.0909	25.817	2.06912	1
cg02493771	0.904193	0.964496	-1.03681	0.430717	0.785488	-1.27309	0.715335	0.895871	-1.11623	0.0365462	0.482175	-2.07393	4.03873	5.76485	1.26879	1
cg12667511	0.369437	0.818262	-1.2221	0.44696	1.18372	1.18372	0.184775	0.736338	-1.35807	0.000502229	0.306076	-3.26716	8.13998	6.10411	0.66657	1
cg06468780	0.01123	0.5932	-1.68577	0.104374	1.3389	1.3389	0.127226	0.762507	-1.31146	1.69E-05	0.234107	-4.27156	19.0611	8.1586	0.380466	1
cg24500711	0.0326647	2.10757	2.10757	0.000335627	5.6116	5.6116	0.0168823	2.38534	2.38534	0.456488	1.25381	1.25381	6.51103	9.17286	1.25228	1
cg24082983	0.0025767	0.152621	-6.55217	0.00049305	0.0858957	-11.642	0.0161544	0.266091	-3.75811	0.00493847	0.187325	-5.3383	10.1465	32.5228	2.84918	1
cg15606663	0.60811	0.920388	-1.0865	0.0531215	1.42259	1.42259	0.4909	0.893833	-1.11878	0.0485471	0.696667	-1.43541	14.1511	5.76648	0.362215	1
cg22337977	0.607358	0.838966	-1.19194	0.00321188	0.25604	-3.90564	0.266901	0.675807	-1.47971	0.00705635	0.307382	-3.25328	8.72116	15.8516	1.61565	1
cg16812893	0.0611641	0.607901	-1.645	0.607918	1.12985	1.12985	0.829374	1.05223	1.05223	0.0111656	0.472228	-2.11762	16.714	14.7325	0.783508	1
cg16242770	0.00906083	0.348042	-2.87322	0.00015917	0.128213	-7.7995	0.42259	0.770543	-1.29779	0.00883006	0.346169	-2.88876	9.84524	15.789	1.42553	1
cg26499286	0.0095744	0.366314	-2.7299	0.00116066	0.232128	-4.30797	0.0088519	0.360586	-2.77326	0.188959	0.653094	-1.53117	6.14943	9.12679	1.31926	1
cg07572773	0.0298148	0.278999	-3.58424	0.00115553	0.0921991	-10.8461	0.016964	0.233672	-4.27951	0.0594885	0.345735	-2.89239	5.27367	20.8226	3.5097	1
cg00795825	0.0406405	0.28612	-3.49503	0.00182541	0.0958531	-10.4326	0.0331679	0.267601	-3.73691	0.0457326	0.297444	-3.36197	4.9502	21.9714	3.94531	1
cg19952427	0.36587	0.652014	-1.53371	0.0119953	0.236277	-4.23233	0.112278	0.451138	-2.21662	0.0952642	0.430069	-2.32521	3.8358	12.8751	2.9836	1
cg07104086	0.775151	0.907254	-1.10223	0.0902072	0.530149	-1.88626	3.40E-05	0.0653668	-15.2983	0.170113	0.608611	-1.64308	10.4541	19.1242	1.62608	1
cg15322542	0.0209708	0.122438	-8.16739	0.00544392	0.0629741	-15.8795	0.170777	0.331911	-3.01286	0.0274796	0.139211	-7.18333	4.14953	37.5758	8.04928	1
cg26885619	0.0740258	0.192118	-5.20512	0.00697429	0.0554834	-18.0234	0.435755	0.517458	-1.93252	0.0553545	0.165377	-6.04678	3.56927	38.8075	9.66459	1
cg06692927	0.000598973	0.403203	-2.48014	0.000552867	0.398678	-2.50829	0.0101738	0.573556	-1.74351	3.48E-05	0.253515	-3.94454	24.1177	11.2379	0.414188	1
cg09828634	0.0642326	0.345462	-2.89467	0.738684	1.18664	1.18664	0.367135	0.622791	-1.60568	0.00541975	0.154024	-6.49248	5.86013	24.2483	3.67809	1
cg06748315	0.636783	1.04801	1.04801	0.00238971	1.51791	1.51791	0.318774	0.903398	-1.10693	4.51E-05	0.467128	-2.14074	28.9045	4.45019	0.136855	1
cg04297093	0.764339	0.939705	-1.06406	0.15359	1.37101	1.37101	0.118895	0.704991	-1.41846	0.000195078	0.274107	-3.64821	18.5823	12.5532	0.600483	1
cg05884023	0.125785	0.707104	-1.41422	0.096175	0.682355	-1.46551	0.443356	0.849165	-1.17763	0.00490257	0.458437	-2.18133	7.77954	5.39259	0.616156	1
cg01257667	0.196894	0.803855	-1.24401	0.021806	0.643686	-1.55355	0.458627	0.886239	-1.12836	0.00140882	0.477179	-2.09565	5.41317	2.19571	0.360553	1
cg19509743	0.139541	0.820803	-1.21832	0.691808	0.951721	-1.05073	0.968257	1.00495	1.00495	1.54E-05	0.329271	-3.03701	43.6463	10.6626	0.217152	1
cg06515562	0.339254	0.697291	-1.43412	0.000143538	0.0908599	-11.006	0.835169	1.07925	1.07925	0.0249381	0.376526	-2.65586	7.44852	15.8065	1.88631	1
cg07374637	1.56E-06	0.212182	-4.71292	6.53E-06	0.277042	-3.60956	0.817576	1.02999	1.02999	7.24E-07	0.18023	-5.54847	62.2685	16.1269	0.230213	1
cg14054990	0.000477067	0.298664	-3.34825	4.69E-05	0.184179	-5.42949	0.748106	1.07358	1.07358	0.000939294	0.337044	-2.96697	18.0625	13.8918	0.683641	1
cg01221220	0.338992	1.09957	1.09957	0.00102707	0.625878	-1.59776	0.101384	1.18857	1.18857	9.19E-05	0.510355	-1.95942	15.8106	2.32277	0.130588	1
cg25474312	0.723513	0.858909	-1.16427	6.60E-05	0.0435506	-22.9618	0.147123	0.513673	-1.94677	0.00217967	0.158662	-6.30272	14.1873	41.1965	2.58112	1
cg17503750	3.04E-05	0.370008	-2.70264	0.0575679	0.769538	-1.29948	0.0388915	0.747009	-1.33867	0.000233903	0.475051	-2.10504	28.4067	6.69454	0.209483	1
cg06324671	0.758907	0.964336	-1.03698	0.0108951	1.45799	1.45799	0.565087	1.07101	1.07101	5.47E-05	0.412137	-2.42638	16.0011	3.52662	0.19591	1
cg21302989	0.151276	1.20771	1.20771	0.196897	1.18227	1.18227	0.079308	0.787364	-1.27006	4.08E-05	0.382645	-2.61339	19.5916	4.67353	0.212042	1
cg06790305	0.790788	0.940031	-1.06379	0.913159	1.0257	1.0257	0.456782	0.838389	-1.19276	0.0194342	0.518305	-1.92937	8.68024	7.43737	0.761614	1
cg00271096	0.807463	0.951376	-1.05111	0.930775	0.982419	-1.0179	0.280844	0.795458	-1.25714	0.691815	0.921882	-1.08474	12.3192	8.13171	0.586742	1
cg16658020	0.0389556	0.539435	-1.85379	0.000335199	0.224523	-4.45388	0.882634	1.03889	1.03889	0.81955	0.942699	-1.06078	11.1513	11.7785	0.938884	1
cg21342586	0.175973	0.300738	-3.32516	0.00788112	0.0580461	-17.2277	0.469728	1.84811	1.84811	0.140342	0.265894	-3.76089	4.07134	44.9645	9.81702	1
cg24624629	0.122364	0.571468	-1.74988	0.0232202	0.403821	-2.47635	0.391617	1.3409	1.3409	0.985306	1.00617	1.00617	3.82769	6.77108	1.57242	1
cg22443249	0.000811346	0.237758	-4.20596	2.14E-05	0.0877674	-11.3938	0.0440321	0.517822	-1.93117	0.000234879	0.176509	-5.66544	22.2244	28.4721	1.13877	1
cg04041827	0.753941	1.10764	1.10764	1.94E-05	0.0596561	-16.7628	0.0115007	0.357802	-2.79484	0.00537735	0.303737	-3.29232	17.6694	29.5805	1.4881	1
cg06331682	0.094472	0.505509	-1.9782	0.0159956	0.334706	-2.98769	0.179263	0.588931	-1.69799	0.0211287	0.357362	-2.79829	6.17656	13.4733	1.93898	1
cg08286854	0.000307852	0.202308	-4.94296	0.00256822	0.31969	-3.12803	0.866924	1.04681	1.04681	0.00381785	0.345092	-2.89778	10.96	12.9148	1.04742	1
cg00275828	0.830476	0.926284	-1.07958	0.00108217	0.178485	-5.6027	0.0150932	0.344188	-2.90539	0.153285	0.579171	-1.72661	6.87507	13.8897	1.79583	1
cg12188197	0.519294	0.821617	-1.21711	3.81E-05	0.0928384	-10.7714	0.00906676	0.368834	-2.71125	0.379477	0.762494	-1.31149	13.7447	19.6908	1.27343	1
cg26565975	0.0059821	0.57288	-1.74557	0.01191	1.62682	1.62682	0.269002	1.19541	1.19541	2.48E-06	0.170526	-5.86421	38.5982	14.6957	0.338432	1
cg04006516	0.00695914	0.349922	-2.85778	0.00341418	0.302226	-3.30878	0.0117087	0.387814	-2.57855	0.000331836	0.175129	-5.71007	15.3317	21.9626	1.27333	1
cg19708992	0.529705	0.917306	-1.09015	0.00165794	0.543234	-1.84083	0.345212	0.876514	-1.14088	0.00206962	0.555425	-1.80042	26.0353	7.57895	0.258758	1
cg06002471	0.00312413	0.285908	-3.49763	0.0302901	0.454272	-2.20132	0.368541	1.33129	1.33129	0.00604568	0.329235	-3.03735	10.6748	16.2289	1.35138	1
cg18593945	0.0648085	0.254731	-3.92571	0.0187671	0.152929	-6.53898	0.343124	0.525174	-1.90413	0.0683548	0.260364	-3.84077	3.82549	26.3456	6.12165	1
cg22961727	8.36E-06	0.383388	-2.60832	4.51E-08	0.151215	-6.61312	2.43E-05	0.436042	-2.29336	4.99E-08	0.15494	-6.45412	103.478	15.9709	0.137192	1
cg22405653	0.108422	0.528178	-1.8933	4.43E-05	0.0595716	-16.7865	0.00192768	0.201907	-4.95278	0.00124629	0.179225	-5.57958	18.1575	38.2082	1.87045	1
cg11354857	0.0664372	0.378443	-2.6424	0.00717129	0.194228	-5.14859	0.508983	0.728871	-1.37199	0.00368149	0.156725	-6.38062	5.43423	19.1789	3.13713	1
cg22373097	0.00616763	0.377624	-2.64814	0.147753	0.65484	-1.52709	0.958165	0.985802	-1.0144	0.0135965	0.435039	-2.29864	5.30979	6.24947	1.0462	1
cg23581186	0.679813	1.22682	1.22682	0.0417145	0.314625	-3.17838	0.023475	0.263652	-3.79288	0.00481213	0.158397	-6.31327	4.45651	17.1257	3.41586	1
cg17833394	0.0596602	1.44429	1.44429	0.036088	1.52445	1.52445	0.427371	0.869213	-1.15047	0.256208	0.814651	-1.22752	5.00045	2.36937	0.421184	1
cg26294716	0.525699	1.10395	1.10395	0.00535404	1.75792	1.75792	0.0371668	0.689298	-1.45075	0.000205809	0.384328	-2.60194	17.4012	6.51875	0.332991	1
cg27456885	0.554177	0.84337	-1.18572	0.341455	1.32191	1.32191	0.473548	0.812586	-1.23064	0.0113749	0.405741	-2.46463	6.29242	8.07794	1.14112	1
cg25027603	0.112557	0.600479	-1.66534	0.00087562	0.229145	-4.36405	0.814202	0.932854	-1.07198	0.00340584	0.308755	-3.23881	10.2112	14.0975	1.22719	1
cg24786671	0.777392	0.900849	-1.11006	0.0390337	0.414772	-2.41096	0.277571	0.659695	-1.51585	0.0172069	0.343241	-2.9134	6.90377	14.8386	1.91054	1
cg00458317	0.000882267	0.446648	-2.2389	0.827486	1.03592	1.03592	0.00183434	0.48886	-2.04558	0.000757331	0.437973	-2.28325	15.8388	6.559	0.368098	1
cg09892262	0.00733414	0.483765	-2.06712	0.00366359	0.43802	-2.283	0.00293047	0.423783	-2.3597	0.137226	0.714412	-1.39975	15.4822	10.8221	0.621339	1
cg16692258	0.0173523	0.488082	-2.04884	0.680976	0.902722	-1.10776	0.628782	0.88639	-1.12817	0.0240109	0.513508	-1.94739	12.7116	12.3385	0.862795	1
cg24184737	0.00304112	0.43874	-2.27925	0.424805	0.847573	-1.17984	0.312295	1.23624	1.23624	0.905111	1.02449	1.02449	6.46592	4.21597	0.579582	1
cg03721387	0.00240067	0.331682	-3.01493	0.000164463	0.187064	-5.34575	0.00374197	0.360087	-2.77711	0.0022679	0.328137	-3.0475	10.5162	11.3393	0.958465	1
cg07172334	0.00242332	0.305975	-3.26824	0.0385392	0.510597	-1.95849	0.0623831	0.555288	-1.80087	0.0112384	0.410345	-2.43697	6.90398	8.60011	1.10727	1
cg22226342	0.855838	1.05419	1.05419	0.907035	0.966669	-1.03448	0.813791	1.07087	1.07087	0.00263558	0.298856	-3.3461	6.17551	8.23539	1.18538	1
cg18822544	0.00205784	0.322779	-3.0981	4.46E-06	0.0638804	-15.6542	0.273291	0.743077	-1.34576	0.000309404	0.217677	-4.59396	23.1983	24.9255	0.955067	1
cg18406531	0.502182	0.865179	-1.15583	2.53E-05	0.168969	-5.91825	0.998884	1.0003	1.0003	0.000272225	0.281198	-3.55621	15.3019	10.9574	0.636517	1
cg17300423	0.236289	0.815746	-1.22587	0.00301653	1.9489	1.9489	0.0901047	1.35872	1.35872	0.318487	0.84434	-1.18436	11.3134	4.82542	0.379132	1
cg16143149	0.590457	0.818037	-1.22244	0.00333284	0.228295	-4.3803	0.546589	0.79808	-1.25301	0.171151	0.583524	-1.71373	3.98218	8.61926	1.92396	1
cg04566037	0.617113	0.92872	-1.07675	1.05E-06	0.153653	-6.50816	0.000917149	0.483464	-2.06841	0.126603	0.784716	-1.27435	39.9871	13.6308	0.303004	1
cg24833464	0.690927	1.09905	1.09905	0.0139233	0.487757	-2.0502	0.00601909	0.428219	-2.33526	0.943945	0.983519	-1.01676	8.40292	7.43261	0.786246	1
cg16179619	0.175064	1.48651	1.48651	0.135651	1.55588	1.55588	0.874011	1.04458	1.04458	0.771445	0.923059	-1.08335	4.17322	4.99364	1.06364	1
cg13183651	0.153846	3.45205	3.45205	0.00790807	0.06302	-15.868	0.598089	0.649417	-1.53984	0.752238	1.29304	1.29304	3.78953	39.5218	9.27042	1
cg19055323	0.0104116	0.317221	-3.15238	2.33E-05	0.0493382	-20.2683	0.0170577	0.355188	-2.81541	0.00565839	0.274668	-3.64077	14.6774	29.448	1.78342	1
cg08785166	0.251603	0.62459	-1.60105	6.13E-05	0.0546884	-18.2854	0.00220304	0.185174	-5.40033	0.00140044	0.162274	-6.1624	11.8323	28.9368	2.17385	1
cg04319742	0.00881574	0.305928	-3.26874	0.000157276	0.100601	-9.94023	0.00703121	0.290075	-3.44738	0.446172	0.758967	-1.31758	9.59387	19.167	1.77586	1
cg21319411	0.0354471	0.275043	-3.63579	0.00195487	0.0994268	-10.0576	0.0215524	0.233409	-4.28433	0.0189616	0.223663	-4.471	5.42651	23.8806	3.91176	1
cg05277736	0.0893383	1.75794	1.75794	0.000131052	0.135435	-7.38363	0.0146149	0.404336	-2.47319	0.015824	0.41057	-2.43564	10.0437	14.4261	1.27674	1
cg04755999	0.00585162	0.457664	-2.18501	0.00263299	0.4058	-2.46427	0.0439846	0.605647	-1.65113	0.266124	0.777998	-1.28535	5.55977	4.13284	0.660752	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06701007	KRTAP4-11	0.0204398	0.2989	0.9372	-1.06701	0.00487828	0.798692	-1.25205	0.0118768	0.827643	-1.20825	0.510933	1.04098	1.04098	0.176407	0.917066	-1.09043
cg10686758	KRTAP4-12;KRTAP4-12	0.00276814	0.0103193	1.67819	1.67819	0.0877825	0.739431	-1.35239	0.000770922	0.442344	-2.26068	0.115486	1.31538	1.31538	0.0394869	0.682804	-1.46455
cg11541231	KRTAP4-2	0.00552167	0.944085	0.985507	-1.01471	0.0303591	0.588729	-1.69857	0.000270423	0.28849	-3.46632	0.0149303	0.536333	-1.86451	0.837097	1.04378	1.04378
cg15458892	KRTAP4-3	0.00225453	0.459773	1.18998	1.18998	0.127355	0.683163	-1.46378	0.00103474	0.325275	-3.07432	0.726112	1.08467	1.08467	0.000673791	0.300686	-3.32572
cg03437273	KRTAP4-3	0.022423	0.182887	0.582699	-1.71615	0.841137	0.926179	-1.07971	0.0181796	0.334258	-2.9917	0.263402	0.640493	-1.5613	0.204974	0.599869	-1.66703
cg27609489	KRTAP4-3	0.0415455	0.782786	1.09842	1.09842	0.129385	1.74468	1.74468	0.0113172	0.340511	-2.93676	0.455366	1.29468	1.29468	0.602309	0.836461	-1.19551
cg24872384	KRTAP4-3;KRTAP4-3	0.0106776	0.0223588	0.170211	-5.87506	0.0134958	0.138299	-7.23071	0.00769974	0.109125	-9.16377	0.457893	0.613215	-1.63075	0.0123513	0.133284	-7.50276
cg14905403	KRTAP4-4	0.000351054	0.0596578	0.618808	-1.61601	0.433887	1.19761	1.19761	0.0058163	0.442346	-2.26067	0.132824	0.693345	-1.44228	0.218058	0.746326	-1.3399
cg15312323	KRTAP4-4	0.0155233	0.899197	0.97365	-1.02706	0.000603172	0.328054	-3.04828	0.00570942	0.465946	-2.14617	0.075403	0.658966	-1.51753	0.368838	0.823267	-1.21467
cg05813449	KRTAP4-4;KRTAP4-4	5.06E-06	0.959523	1.00429	1.00429	0.00133204	0.674849	-1.48181	2.89E-06	0.389591	-2.56679	0.367835	1.08109	1.08109	6.60E-06	0.429623	-2.32762
cg18817444	KRTAP4-5	0.0279456	0.280429	0.651368	-1.53523	0.965639	1.0166	1.0166	0.00268032	0.204798	-4.88286	0.302458	0.664882	-1.50403	0.775932	0.896702	-1.1152
cg21656863	KRTAP4-5	0.0305923	0.25199	1.17471	1.17471	0.0658272	0.757492	-1.32015	0.0218576	0.690593	-1.44803	0.116927	1.25757	1.25757	0.218454	0.840152	-1.19026
cg16090541	KRTAP4-7	0.00142668	0.0142406	1.83484	1.83484	0.268749	1.26015	1.26015	0.000373774	0.319074	-3.13407	0.448922	1.16755	1.16755	0.0172701	0.558646	-1.79004
cg16629452	KRTAP4-7	0.00453968	0.0291226	0.231848	-4.31317	0.0014636	0.073412	-13.6217	0.0184685	0.197009	-5.0759	0.0262589	0.223469	-4.47489	0.0163909	0.188697	-5.29951
cg25341923	KRTAP4-7	0.0130569	0.222195	0.542774	-1.84239	0.088293	0.408286	-2.44926	0.00503681	0.17086	-5.85274	0.234917	0.552675	-1.80938	0.0128495	0.229565	-4.35607
cg20663846	KRTAP4-8	0.000504909	0.31125	1.40345	1.40345	0.000135208	0.11787	-8.4839	0.000693649	0.187375	-5.3369	0.00194778	0.242296	-4.12718	0.000803095	0.194627	-5.13804
cg12981595	KRTAP4-8	0.000968658	0.105934	1.42976	1.42976	0.0509079	0.637488	-1.56866	0.000158834	0.270577	-3.6958	0.0385371	0.615558	-1.62454	0.0171303	0.555317	-1.80077
cg21377396	KRTAP4-8	0.00765007	0.518454	1.41492	1.41492	0.0263197	0.247386	-4.04227	0.032562	0.265454	-3.76713	0.547272	0.724046	-1.38113	0.0170099	0.21378	-4.6777
cg16250800	KRTAP4-8;KRTAP4-8	0.000561847	0.978685	0.993957	-1.00608	0.433301	1.19891	1.19891	0.00240164	0.383065	-2.61052	0.0452829	0.593885	-1.68383	0.000423241	0.281657	-3.55042
cg21815502	KRTAP4-9	0.00145883	0.0581161	1.57509	1.57509	0.229813	1.30641	1.30641	0.000493273	0.31431	-3.18157	?	?	?	0.0103048	0.503719	-1.98523
cg15015397	KRTAP4-9	0.0154202	0.11273	0.427022	-2.3418	0.135679	0.452688	-2.20903	0.00566847	0.167167	-5.98204	0.188779	0.503468	-1.98622	0.0123582	0.215431	-4.64186
cg17256240	KRTAP5-10	0.000505005	0.0938106	0.673033	-1.48581	0.000128211	0.239037	-4.18345	0.00215086	0.396132	-2.52441	0.688705	0.9171	-1.09039	0.000202977	0.262147	-3.81465
cg01824063	KRTAP5-10	0.000699716	0.186759	0.804315	-1.24329	0.00686601	0.580027	-1.72406	0.014809	0.627156	-1.5945	0.0429199	0.695911	-1.43697	0.000414709	0.41826	-2.39086
cg12285580	KRTAP5-10;KRTAP5-10	0.0420057	0.0190626	0.416436	-2.40133	0.307645	1.38542	1.38542	0.859274	1.05631	1.05631	0.463871	0.794411	-1.25879	0.00636485	0.334109	-2.99303
cg02203760	KRTAP5-11	0.00614772	0.0417313	0.489094	-2.0446	0.0425674	2.03694	2.03694	0.00260376	0.28059	-3.56392	0.0386111	0.48195	-2.07491	0.0928845	0.569315	-1.7565
cg01860517	KRTAP5-11	0.0408003	0.118039	0.701711	-1.42509	0.101162	1.45449	1.45449	0.00812625	0.493008	-2.02836	0.0582431	0.639729	-1.56316	0.275908	0.789338	-1.26688
cg03158218	KRTAP5-11;KRTAP5-11	7.59E-06	0.022493	0.805762	-1.24106	0.038561	0.827496	-1.20847	0.000111249	0.584477	-1.71093	0.00152312	0.697221	-1.43426	0.000827467	0.671763	-1.48862
cg09566331	KRTAP5-4;HCCA2;KRTAP5-4	6.55E-05	0.304293	1.16892	1.16892	0.00650809	0.59523	-1.68002	4.33E-06	0.211131	-4.7364	0.241283	1.19717	1.19717	0.000143283	0.382309	-2.61568
cg17293195	KRTAP5-7	0.00215136	0.548379	1.20378	1.20378	0.0017575	0.256339	-3.90108	0.0587793	0.52108	-1.91909	0.979177	1.008	1.008	0.0014491	0.245293	-4.07676
cg23629561	KRTAP5-7	0.0169902	0.0785093	0.763944	-1.309	0.00528647	0.602555	-1.6596	0.0192186	0.676871	-1.47739	0.0442546	0.727317	-1.37492	0.067318	0.753911	-1.32642
cg27152299	KRTAP5-7	0.029346	0.36957	0.73316	-1.36396	0.0158455	0.369572	-2.70583	0.00241675	0.240988	-4.14958	0.74647	1.11546	1.11546	0.393531	1.34231	1.34231
cg14817211	KRTAP5-7;KRTAP5-7	0.00647463	0.00237582	0.39104	-2.55729	0.544428	0.872885	-1.14563	0.504219	0.860544	-1.16206	0.0257729	0.556121	-1.79817	0.000204723	0.251841	-3.97075
cg03272264	KRTAP5-8	0.00174689	0.272116	0.806331	-1.24019	0.0875273	1.42644	1.42644	0.0394169	0.638461	-1.56627	0.766443	0.945452	-1.05769	2.82E-05	0.211954	-4.718
cg09149459	KRTAP5-8	0.0169214	0.449985	0.870132	-1.14925	0.169955	0.767856	-1.30233	0.00239929	0.465615	-2.1477	0.0496791	0.667225	-1.49875	0.00420335	0.500161	-1.99936
cg17270234	KRTAP5-8	0.0340914	0.00362392	0.529485	-1.88863	0.990551	1.00191	1.00191	0.113956	0.757499	-1.32013	0.842919	1.03256	1.03256	0.0602084	0.710104	-1.40824
cg00472454	KRTAP5-8;KRTAP5-8	0.00156844	0.127306	1.39829	1.39829	0.000304541	3.29694	3.29694	0.402309	0.840074	-1.19037	0.0175389	0.555614	-1.79981	0.994481	0.998595	-1.00141
cg24006547	KRTAP5-9	0.000364263	0.0010331	0.408618	-2.44727	0.537628	1.12178	1.12178	0.020829	0.599198	-1.6689	0.000565192	0.373899	-2.67452	0.000205173	0.318125	-3.14342
cg00344202	KRTAP5-9	0.0107229	0.515179	0.835641	-1.19669	0.0999741	0.612355	-1.63304	0.000480898	0.225314	-4.43825	0.136784	0.646543	-1.54669	0.0759254	0.584252	-1.71159
cg19590900	KRTAP5-9	0.0122477	0.158592	1.66709	1.66709	0.0990959	0.541625	-1.8463	0.000670074	0.171197	-5.84121	0.747334	1.11585	1.11585	0.631196	1.17825	1.17825
cg10889792	KRTAP5-9	0.0438151	0.0627429	0.587971	-1.70077	0.0281862	1.9296	1.9296	0.076935	1.64682	1.64682	0.318845	1.2986	1.2986	0.570492	1.15651	1.15651
cg03029616	KRTAP6-1	0.00785713	0.000431884	0.46118	-2.16835	0.0426514	0.722937	-1.38325	0.386841	0.883986	-1.13124	0.890082	0.980961	-1.01941	0.195515	1.20963	1.20963
cg07945323	KRTAP6-2;KRTAP22-1	1.46E-05	5.92E-07	0.138711	-7.20924	0.678164	0.941823	-1.06177	6.07E-05	0.345179	-2.89705	0.00165891	0.523916	-1.9087	0.00739935	0.609193	-1.64152
cg05572621	KRTAP6-2;KRTAP22-1	0.000464831	5.71E-05	0.253048	-3.95182	0.0109769	0.555868	-1.79899	0.000711614	0.387267	-2.5822	0.0848299	0.70422	-1.42001	0.00306323	0.474188	-2.10887
cg07392829	KRTAP6-3	0.000875881	1.82E-05	0.138916	-7.19859	0.919733	0.977499	-1.02302	0.00689895	0.454014	-2.20258	0.0112372	0.488145	-2.04857	0.0541771	0.610552	-1.63786
cg25493335	KRTAP6-3	0.00472384	0.000256794	0.115718	-8.64167	0.940816	1.02696	1.02696	0.0335001	0.410616	-2.43537	0.0690549	0.482402	-2.07296	0.00503244	0.264609	-3.77916
cg08829149	KRTAP6-3	0.0282798	0.032989	0.414394	-2.41316	0.407877	0.741499	-1.34862	0.806802	1.09042	1.09042	0.285278	0.675641	-1.48008	0.0203311	0.37227	-2.68622
cg05533037	KRTAP7-1	0.00169088	0.00363376	0.176541	-5.66441	0.00116806	0.122407	-8.16947	0.0157246	0.271301	-3.68595	0.0186011	0.284379	-3.51643	0.00361954	0.176328	-5.67125
cg08731543	KRTAP7-1	0.00912774	0.0199092	0.221961	-4.5053	0.0405258	0.281659	-3.5504	0.0113552	0.183109	-5.46121	0.0953541	0.374764	-2.66835	0.134051	0.420845	-2.37617
cg02642585	KRTAP7-1	0.0319836	0.131738	0.318991	-3.13488	0.160585	2.86509	2.86509	0.0491038	0.206492	-4.84281	0.0886273	0.26738	-3.74	0.00362506	0.0629999	-15.873
cg24423088	KRTAP8-1	1.48E-06	2.43E-07	0.131494	-7.60493	0.00134286	1.84532	1.84532	0.000485582	0.487194	-2.05257	1.14E-06	0.18999	-5.26343	0.0200729	0.691548	-1.44603
cg12346967	KRTAP8-1;KRTAP8-1	4.66E-06	5.92E-06	0.156292	-6.3983	0.0068106	1.89619	1.89619	0.0146728	1.73033	1.73033	1.52E-06	0.108551	-9.21228	0.698277	0.931374	-1.07368
cg11825302	KRTAP9-2	4.22E-06	0.000762501	0.32337	-3.09243	2.07E-05	0.149247	-6.7003	3.40E-05	0.169192	-5.91046	5.61E-05	0.190627	-5.24584	8.65E-06	0.117639	-8.50061
cg22165275	KRTAP9-2	1.47E-05	0.000225267	0.159389	-6.27396	0.000375097	0.182281	-5.48603	0.000194169	0.153072	-6.53288	4.72E-05	0.100672	-9.93329	8.42E-06	0.0548013	-18.2478
cg12878400	KRTAP9-2	0.000250237	0.828321	1.05634	1.05634	0.000130185	0.186905	-5.3503	0.00070965	0.272044	-3.67588	0.017407	0.481548	-2.07664	0.272286	0.749461	-1.33429
cg01334209	KRTAP9-2	0.000499363	0.776334	0.891899	-1.1212	9.83E-05	0.062123	-16.0971	0.00109416	0.144502	-6.92033	0.00902706	0.263648	-3.79293	0.00120362	0.148825	-6.71929
cg03881382	KRTAP9-3;KRTAP9-9	0.00291038	0.0466088	0.270021	-3.70341	0.0159987	0.183703	-5.44356	0.00226474	0.0859178	-11.639	0.038315	0.251781	-3.97171	0.071537	0.314673	-3.1779
cg00755287	KRTAP9-3;KRTAP9-9	0.00683043	0.0185247	0.147869	-6.76273	0.00249377	0.060059	-16.6503	0.00668427	0.0949053	-10.5368	0.0841827	0.278381	-3.5922	0.017184	0.143224	-6.98207
cg26521011	KRTAP9-8;KRTAP9-9	5.55E-05	0.895343	1.02581	1.02581	0.000141302	0.280336	-3.56715	0.000185356	0.294445	-3.39622	0.0755336	0.681725	-1.46687	0.515783	0.880199	-1.13611
cg00550617	KRTAP9-9;KRTAP9-4	0.000295476	0.420179	1.29474	1.29474	0.0524973	0.500819	-1.99673	0.000659329	0.194689	-5.13641	0.220369	0.667557	-1.498	0.648822	1.15465	1.15465
cg19044462	KRTAP9-9;KRTAP9-4	0.00053113	0.279876	0.613663	-1.62956	0.257287	0.598151	-1.67182	0.000425825	0.0884517	-11.3056	0.00308363	0.171924	-5.81653	0.0640867	0.404739	-2.47073
cg23641283	KRTAP9-9;KRTAP9-4	0.000632789	0.606006	1.13956	1.13956	0.624292	0.883427	-1.13196	0.00121752	0.304613	-3.28285	0.0110503	0.449211	-2.22613	0.955446	1.01413	1.01413
cg22911793	KRTAP9-9;KRTAP9-4	0.0101287	0.346265	0.752739	-1.32848	0.0158728	0.421019	-2.37519	0.00330051	0.309716	-3.22876	0.165575	0.648517	-1.54198	0.957701	1.01565	1.01565
cg25613262	KRTCAP2;TRIM46	0.0150277	0.365891	0.91431	-1.09372	0.138196	1.16641	1.16641	0.0772688	1.20854	1.20854	0.0479283	1.24367	1.24367	0.125546	1.17336	1.17336
cg24768116	KRTCAP3;KRTCAP3	0.00465217	0.00426093	6.25194	6.25194	0.0015029	8.95609	8.95609	0.0123107	4.45458	4.45458	0.022751	3.69324	3.69324	0.634797	1.25775	1.25775
cg17158414	KRTCAP3;KRTCAP3	0.00718344	0.0226232	4.9342	4.9342	0.0183095	5.33521	5.33521	0.0617946	3.42136	3.42136	0.18071	2.2959	2.2959	0.0050485	8.74357	8.74357
cg02592271	KRTCAP3;KRTCAP3	0.0128213	0.00913077	7.36946	7.36946	0.00195369	14.0324	14.0324	0.10291	2.93321	2.93321	0.0812168	3.20867	3.20867	0.418271	1.64682	1.64682
cg11618577	KRTCAP3;KRTCAP3	0.0144188	0.0132605	4.49971	4.49971	0.00137226	9.72978	9.72978	0.109504	2.35148	2.35148	0.068903	2.71161	2.71161	0.0696158	2.7031	2.7031
cg20102877	KRTCAP3;KRTCAP3	0.0178906	0.0106826	11.7333	11.7333	0.00238441	25.7679	25.7679	0.0401017	6.17272	6.17272	0.0943756	4.09993	4.09993	0.0343236	6.64855	6.64855
cg21248554	KRTCAP3;KRTCAP3	0.0434261	0.0401694	7.22576	7.22576	0.016194	11.627	11.627	0.142621	3.72269	3.72269	0.152371	3.59201	3.59201	0.188862	3.19346	3.19346
cg04845466	KRTCAP3;NRBP1;KRTCAP3	0.0216996	0.0224943	4.70019	4.70019	0.016207	5.28637	5.28637	0.100313	2.77153	2.77153	0.112979	2.65586	2.65586	0.0120549	5.88663	5.88663
cg18428193	KRTCAP3;NRBP1;KRTCAP3	0.0328692	0.0432228	4.46705	4.46705	0.00678077	9.56702	9.56702	0.0713652	3.6551	3.6551	0.0991969	3.20043	3.20043	0.0243665	5.62267	5.62267
cg24101638	KRTDAP	1.42E-05	0.401255	0.855651	-1.1687	0.125399	1.35115	1.35115	0.000163216	0.311296	-3.21238	0.530131	0.891009	-1.12232	0.440273	0.86692	-1.15351
cg22802461	KRTDAP	1.80E-05	0.462094	0.862185	-1.15984	6.56E-05	0.234304	-4.26795	3.72E-05	0.207944	-4.80898	0.840371	0.96084	-1.04076	5.90E-05	0.229329	-4.36054
cg22498784	KRTDAP	2.32E-05	0.13218	0.699342	-1.42992	1.31E-05	0.133685	-7.48024	0.000216084	0.256991	-3.89118	0.0303712	0.57112	-1.75095	0.000244975	0.263464	-3.79559
cg01585096	KRTDAP	0.000253251	0.0644443	0.579549	-1.72548	0.000178412	0.188781	-5.29714	0.00226567	0.325746	-3.06988	0.0114671	0.435781	-2.29473	0.0002129	0.196981	-5.07662
cg00083616	KRTDAP	0.000712712	0.125294	0.786101	-1.2721	0.0498864	0.722948	-1.38322	5.38E-05	0.335404	-2.98148	0.0790832	0.753656	-1.32687	0.090249	0.762759	-1.31103
cg10721090	KRTDAP	0.00366294	0.331541	1.14988	1.14988	0.0789786	0.761924	-1.31247	0.00163078	0.533039	-1.87603	0.563194	1.08489	1.08489	0.44196	1.11549	1.11549
cg05241571	KRTDAP	0.0111042	0.344873	1.27206	1.27206	0.169549	0.696328	-1.4361	0.00471756	0.3951	-2.53101	0.0037181	0.379335	-2.63619	0.0255008	0.518636	-1.92813
cg10305797	KRTDAP	0.0118966	0.0131673	0.312998	-3.19491	0.0649405	0.456937	-2.18848	0.00334555	0.221153	-4.52175	0.0609019	0.450092	-2.22177	0.0060802	0.25831	-3.87132
cg25717032	KRTDAP	0.0149199	0.892371	0.944476	-1.05879	0.219372	0.57983	-1.72464	0.0351447	0.35502	-2.81674	0.139857	1.95486	1.95486	0.0169685	0.2927	-3.41647
cg06918506	KRTDAP;KRTDAP	0.000350723	0.554268	0.918734	-1.08845	0.255355	0.845139	-1.18324	0.000135364	0.392085	-2.55046	0.269087	1.17713	1.17713	0.000112003	0.382092	-2.61717
cg15089742	KSR1	5.84E-05	7.13E-06	0.151451	-6.6028	0.00922829	0.53326	-1.87526	0.00240635	0.447374	-2.23526	0.00276462	0.455937	-2.19329	1.00E-05	0.164806	-6.06774
cg20529961	KSR1	0.000491009	6.15E-05	0.269104	-3.71604	0.19489	1.27572	1.27572	0.00871845	0.552363	-1.8104	0.282322	1.21947	1.21947	0.00309845	0.487357	-2.05189
cg18303242	KSR1	0.00119133	0.396777	0.83524	-1.19726	0.00124486	0.375795	-2.66103	0.000454172	0.317803	-3.14661	0.291298	0.796765	-1.25508	8.61E-05	0.231617	-4.31747
cg04011984	KSR1	0.00226079	0.0424029	0.6801	-1.47037	0.0232676	1.56408	1.56408	0.21016	1.24335	1.24335	0.992286	0.998407	-1.0016	0.00915033	0.579274	-1.7263
cg02512902	KSR1	0.00293684	0.00137808	0.105359	-9.49133	0.00574239	0.172731	-5.78936	0.00369563	0.149147	-6.7048	0.022563	0.265877	-3.76114	0.00483617	0.163216	-6.12684
cg12120406	KSR1	0.00714067	?	?	?	0.00901754	2.04485	2.04485	0.00129354	2.74584	2.74584	0.269718	1.281	1.281	0.0956667	0.674111	-1.48344
cg24476449	KSR1	0.00951002	0.00235497	0.573457	-1.74381	0.0124229	0.665162	-1.50339	0.00330994	0.592001	-1.68919	0.0136069	0.670292	-1.49189	0.111235	0.796635	-1.25528
cg06598987	KSR1	0.0110107	0.015379	0.540226	-1.85108	0.541693	1.13643	1.13643	0.565817	0.886766	-1.12769	0.161627	1.36266	1.36266	0.0824507	0.671494	-1.48922
cg09910461	KSR1	0.0186381	0.0128799	0.285263	-3.50554	0.0252325	0.339284	-2.94739	0.144482	0.529025	-1.89027	0.709438	1.1642	1.1642	0.00184984	0.16608	-6.0212
cg22032946	KSR1	0.0187227	0.461516	0.78788	-1.26923	0.609094	1.17825	1.17825	0.00394166	0.29128	-3.43313	0.333617	1.37324	1.37324	0.00150616	0.233558	-4.2816
cg02769252	KSR1	0.0191587	0.878509	0.972865	-1.02789	0.524881	1.12286	1.12286	0.384899	1.17376	1.17376	0.602804	0.909902	-1.09902	0.000336506	0.353573	-2.82827
cg13200730	KSR1	0.0196143	0.242266	0.830141	-1.20461	0.177418	1.24364	1.24364	0.442151	0.887624	-1.1266	0.329443	0.858048	-1.16544	0.054711	1.39302	1.39302
cg16518167	KSR1	0.0199593	0.205249	0.571581	-1.74953	0.000812694	0.120835	-8.27574	0.0153388	0.287795	-3.47469	0.734311	1.15324	1.15324	0.0216462	0.315354	-3.17104
cg26423824	KSR1	0.0391256	0.141059	1.75093	1.75093	0.193463	1.62728	1.62728	0.114605	1.8353	1.8353	0.0558011	2.15277	2.15277	0.383936	0.729131	-1.3715
cg21615831	KSR1	0.0403773	0.360388	0.783964	-1.27557	0.297333	0.756037	-1.32269	0.151661	0.671924	-1.48826	0.0278247	1.96002	1.96002	0.010174	0.432188	-2.31381
cg09293737	KSR2	0.000234699	0.277787	0.87553	-1.14217	2.46E-05	0.372119	-2.68731	0.102988	1.23378	1.23378	0.215693	1.16587	1.16587	0.00023667	0.488012	-2.04913
cg16471585	KSR2	0.00028264	0.00432491	1.40273	1.40273	0.0457817	0.816141	-1.22528	0.00196149	0.678191	-1.47451	3.82E-05	0.496152	-2.01551	0.000648939	0.628722	-1.59053
cg12945378	KSR2	0.000316302	0.00735248	0.616843	-1.62116	0.0535021	1.35891	1.35891	3.99E-05	0.333479	-2.99869	0.137882	0.799771	-1.25036	0.61431	1.07365	1.07365
cg06711448	KSR2	0.000378306	0.00140659	0.421438	-2.37283	0.000494862	0.360971	-2.77031	0.0255035	0.608972	-1.64211	0.0049478	2.00458	2.00458	0.000310314	0.335087	-2.9843
cg00056578	KSR2	0.000393753	0.414701	1.12749	1.12749	0.034802	0.701827	-1.42485	0.000132217	2.59664	2.59664	0.255579	1.18627	1.18627	0.54652	0.915925	-1.09179
cg16635578	KSR2	0.00321096	0.0314223	0.367907	-2.71808	0.001271	0.15527	-6.44039	0.00347961	0.207832	-4.81159	0.940196	1.03017	1.03017	0.000999441	0.144277	-6.93112
cg21539988	KSR2	0.00366919	0.2359	0.71686	-1.39497	0.588437	1.15767	1.15767	0.289204	1.3429	1.3429	0.0958136	1.6327	1.6327	6.76E-05	0.141562	-7.06406
cg00791253	KSR2	0.00557	0.0360992	0.42701	-2.34186	0.846541	1.06998	1.06998	0.00232894	4.41153	4.41153	0.197319	1.6093	1.6093	0.932827	0.970998	-1.02987
cg25496181	KSR2	0.00644463	0.102044	0.755653	-1.32336	0.261508	0.832502	-1.2012	0.882774	0.977165	-1.02337	0.809431	0.962881	-1.03855	0.0109575	0.606634	-1.64844
cg23344003	KSR2	0.00666313	0.156181	0.644192	-1.55233	0.65942	0.879353	-1.1372	0.00251676	0.296353	-3.37436	0.22723	0.692472	-1.4441	0.0963941	0.589082	-1.69756
cg10152475	KSR2	0.00825051	0.609332	1.18385	1.18385	0.425377	0.766014	-1.30546	0.219203	0.655005	-1.52671	0.665955	1.15284	1.15284	0.00496032	0.295774	-3.38096
cg19478678	KSR2	0.00971052	0.0230455	0.319271	-3.13214	0.727221	0.863205	-1.15847	0.00356624	0.190434	-5.25116	0.426917	0.711238	-1.406	0.0134838	0.276718	-3.61379
cg10071091	KSR2	0.0101825	0.0287582	0.261177	-3.82882	0.154511	0.452355	-2.21065	0.00425332	0.136506	-7.3257	0.0397153	0.29	-3.44827	0.000945746	0.0768321	-13.0154
cg05652090	KSR2	0.0114198	0.5422	0.863642	-1.15789	0.622489	1.12514	1.12514	0.0022334	0.361537	-2.76597	0.28472	0.767943	-1.30218	0.672812	1.10619	1.10619
cg25351550	KSR2	0.0127589	0.014512	0.118526	-8.43698	0.00421485	0.0662888	-15.0855	0.134399	0.318821	-3.13656	0.61332	0.697067	-1.43458	0.00974569	0.09876	-10.1256
cg06296759	KSR2	0.0133474	0.81217	0.911578	-1.097	0.673202	0.847917	-1.17936	0.0278228	0.363824	-2.74858	0.173412	0.569319	-1.75648	0.999046	1.00046	1.00046
cg19301250	KSR2	0.0185361	0.665534	1.09332	1.09332	0.113665	0.702519	-1.42345	0.000628944	0.340237	-2.93913	0.582849	1.12051	1.12051	0.34149	1.2227	1.2227
cg05658717	KSR2	0.0268021	0.405414	0.842882	-1.18641	0.828958	1.04425	1.04425	0.025469	1.72653	1.72653	0.00386415	0.441431	-2.26536	0.8823	1.03009	1.03009
cg17854284	KSR2	0.0269682	0.117785	0.875932	-1.14164	0.232607	1.10254	1.10254	0.249739	1.09835	1.09835	0.063649	0.849924	-1.17658	0.99662	1.00033	1.00033
cg18303049	KSR2	0.0292948	0.0190302	0.629187	-1.58935	0.0651443	1.40208	1.40208	0.0992348	1.34307	1.34307	0.524669	0.900127	-1.11095	0.0520239	0.69714	-1.43443
cg01386425	KSR2	0.0335367	0.356667	1.45539	1.45539	0.0146454	3.28619	3.28619	0.105028	2.01613	2.01613	0.0149172	3.27091	3.27091	0.410212	0.716505	-1.39566
cg05738715	KSR2	0.0335977	0.336362	1.52191	1.52191	0.0128267	3.70403	3.70403	0.237214	1.68983	1.68983	0.967023	1.01767	1.01767	0.019493	0.302323	-3.30772
cg08522443	KSR2	0.0344832	0.0607006	0.406266	-2.46144	0.892744	1.05915	1.05915	0.762872	0.879066	-1.13757	0.828727	0.911844	-1.09668	0.0154949	0.282268	-3.54273
cg02336762	KSR2	0.0363067	0.0925987	0.524589	-1.90625	0.00743118	0.300651	-3.32612	0.158399	0.591209	-1.69145	0.486042	1.27984	1.27984	0.0431775	0.444483	-2.24981
cg19631876	KSR2	0.0409678	0.304599	0.612823	-1.63179	0.532209	0.747209	-1.33831	0.0137792	0.246028	-4.06459	0.217641	0.55026	-1.81732	0.00253135	0.145083	-6.8926
cg25600933	KSR2	0.0444564	0.0342672	0.302127	-3.30987	0.268145	0.571804	-1.74885	0.157631	0.480839	-2.0797	0.0447757	0.32748	-3.05362	0.0381011	0.311945	-3.2057
cg16663816	KTELC1;KTELC1	0.00861384	0.0734866	0.790482	-1.26505	0.00104956	0.564817	-1.77048	0.00926399	0.677694	-1.47559	0.386753	0.900748	-1.11019	0.0942392	0.805128	-1.24204
cg16958524	KTELC1;KTELC1	0.0159119	0.0120538	0.574818	-1.73968	0.435324	1.15115	1.15115	0.0152189	1.69418	1.69418	0.248576	1.23777	1.23777	0.0857107	1.39921	1.39921
cg20696605	KTELC1;KTELC1	0.0245964	0.0290102	0.443305	-2.25578	0.00725221	0.334581	-2.98881	0.0836334	0.545972	-1.8316	0.391613	1.31973	1.31973	0.0542702	0.501394	-1.99444
cg27312312	KTN1;C14orf33;KTN1;KTN1;KTN1	0.00204339	0.329982	0.61701	-1.62072	0.0858582	0.401802	-2.48879	0.0174928	4.0118	4.0118	0.133023	2.17824	2.17824	0.0359026	0.309614	-3.22983
cg03970461	KTN1;C14orf33;KTN1;KTN1;KTN1	0.0163561	0.528709	1.07828	1.07828	0.0541173	0.772509	-1.29448	0.000786747	1.82082	1.82082	0.0709537	1.26898	1.26898	0.256893	1.14996	1.14996
cg23685650	KTN1;C14orf33;KTN1;KTN1;KTN1	0.0192798	0.826157	1.10109	1.10109	0.0660211	0.405415	-2.46661	0.0144472	3.74185	3.74185	0.0568822	2.56871	2.56871	0.212637	0.562893	-1.77654
cg18341634	KTN1;C14orf33;KTN1;KTN1;KTN1	0.0371482	0.870488	0.964603	-1.0367	0.436436	1.19166	1.19166	0.291161	1.2737	1.2737	0.865232	1.03823	1.03823	0.900457	1.02802	1.02802
cg11820270	KTN1;KTN1;KTN1;KTN1	0.0106762	0.00419853	0.404192	-2.47407	0.772743	1.0708	1.0708	0.59991	0.882469	-1.13318	0.273128	0.763815	-1.30922	0.00106686	0.319052	-3.13429
cg14002714	KTN1;KTN1;KTN1;KTN1	0.0257635	0.49301	1.13763	1.13763	0.0172378	0.584264	-1.71155	0.00133544	0.421571	-2.37208	0.217224	0.786272	-1.27182	0.748962	1.06127	1.06127
cg09317658	KTN1;KTN1;KTN1;KTN1	0.0374955	0.996448	0.999203	-1.0008	0.848366	0.966301	-1.03487	0.0563049	0.679053	-1.47264	0.831907	0.96265	-1.0388	0.00115854	0.425437	-2.35052
cg20457145	KTN1;KTN1;KTN1;KTN1	0.0418199	0.072426	1.62961	1.62961	0.964273	1.01097	1.01097	0.284101	0.762556	-1.31138	0.985588	1.00441	1.00441	0.00877252	0.443454	-2.25503
cg26246078	KTN1;KTN1;KTN1;KTN1	0.0470295	0.167749	0.733098	-1.36407	0.678496	0.915741	-1.09201	0.0921178	0.676035	-1.47921	0.0226076	0.561864	-1.77979	0.249226	0.775454	-1.28957
cg23446261	KTN1;KTN1;KTN1;KTN1	0.0480716	0.821068	0.939673	-1.0642	0.140693	0.647088	-1.54538	0.274785	0.731903	-1.3663	0.731163	0.909616	-1.09937	0.229933	0.707521	-1.41339
cg15440402	KTN1;KTN1;KTN1;KTN1	0.0496732	0.788815	0.886413	-1.12814	0.0707942	0.403856	-2.47613	0.10375	0.449768	-2.22337	0.572947	1.29153	1.29153	?	?	?
cg12372414	KY	0.00325776	0.0789309	1.22651	1.22651	0.00735092	0.696579	-1.43559	0.000234261	1.89352	1.89352	0.400848	1.09417	1.09417	0.0222052	0.750591	-1.33228
cg01647728	KY	0.00968379	0.286253	0.857158	-1.16665	0.383612	0.883076	-1.13241	0.252398	1.18104	1.18104	0.154032	1.23663	1.23663	0.0839713	1.30491	1.30491
cg06061360	KY	0.0105778	0.839044	0.978839	-1.02162	0.323753	1.11313	1.11313	0.274657	1.12697	1.12697	0.0539415	1.25872	1.25872	0.00198841	1.58281	1.58281
cg18294023	KY	0.014051	0.108106	0.362497	-2.75864	0.452221	0.641913	-1.55784	0.475836	0.657252	-1.52149	0.142907	0.401945	-2.48791	0.260218	0.506731	-1.97343
cg06655840	KY	0.0141831	0.332316	0.87773	-1.1393	0.156831	0.820811	-1.21831	0.15107	0.81821	-1.22218	0.14352	0.814674	-1.22748	0.000712982	0.510636	-1.95834
cg22074114	KY	0.0154634	0.443389	0.790829	-1.2645	0.0164979	0.414904	-2.4102	0.259499	0.702409	-1.42367	0.214564	1.48048	1.48048	0.0012719	0.243746	-4.10262

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06701007	0.0527858	0.875806	-1.1418	0.173275	0.916414	-1.09121	0.00271614	0.779241	-1.2833	0.279525	0.934519	-1.07007	4.66989	0.268384	0.0510855	1
cg10686758	0.00195074	0.4957	-2.01735	0.220242	1.22935	1.22935	0.992548	1.0015	1.0015	0.230738	0.817576	-1.22313	8.76459	3.56253	0.361306	1
cg11541231	0.256341	1.27967	1.27967	0.359569	1.21661	1.21661	0.0451681	0.619813	-1.61339	0.0304159	0.588872	-1.69816	7.11896	4.88446	0.609885	1
cg15458892	0.144475	1.43658	1.43658	0.0114623	0.481393	-2.0773	0.00905467	0.464581	-2.15248	0.00491275	0.422636	-2.3661	9.31032	7.87545	0.751897	1
cg03437273	0.0950862	0.496162	-2.01547	0.000618643	0.133527	-7.48914	0.0385669	0.40024	-2.4985	0.203321	0.598625	-1.6705	4.52426	10.4628	2.05565	1
cg27609489	0.660396	1.16204	1.16204	0.00492783	0.282207	-3.5435	0.239797	0.658304	-1.51906	0.910686	1.03885	1.03885	3.63194	6.63658	1.62425	1
cg24872384	0.819249	0.862364	-1.1596	0.00116063	0.0456615	-21.9003	0.0982843	0.309412	-3.23193	0.021413	0.167239	-5.97946	5.78767	38.3648	5.89219	1
cg14905403	0.321546	0.793525	-1.2602	3.52E-06	0.0853794	-11.7124	0.0652708	0.626674	-1.59573	0.945207	0.984598	-1.01564	15.7562	12.7259	0.717933	1
cg15312323	0.78653	1.05886	1.05886	0.10041	0.684398	-1.46114	0.841245	1.04316	1.04316	0.625191	0.901464	-1.10931	5.1222	3.60157	0.625004	1
cg05813449	2.85E-05	0.499866	-2.00054	3.42E-06	0.397752	-2.51413	9.02E-06	0.44473	-2.24856	0.000173376	0.584276	-1.71152	48.387	5.44477	0.100023	1
cg18817444	0.322683	0.676844	-1.47745	0.24912	0.631123	-1.58448	0.00171105	0.180727	-5.53321	0.533468	0.785859	-1.27249	4.19065	9.68915	2.05519	1
cg21656863	0.0741883	1.30697	1.30697	0.0642798	0.755984	-1.32278	0.0938597	0.780447	-1.28132	0.171165	1.2166	1.2166	4.05852	1.16376	0.254884	1
cg16090541	0.0132731	0.540087	-1.85155	0.00127104	0.389159	-2.56965	0.0631499	0.657337	-1.52129	0.0195413	0.567501	-1.76211	10.6317	6.78571	0.567334	1
cg16629452	0.0189676	0.198911	-5.02738	0.000850505	0.057852	-17.2855	0.00468274	0.118	-8.4746	0.0116902	0.166798	-5.99528	7.55756	38.6777	4.54911	1
cg25341923	0.0342894	0.308442	-3.2421	0.00161884	0.116215	-8.60475	0.0199467	0.26238	-3.81127	0.0160467	0.245676	-4.07039	5.4224	19.4831	3.19384	1
cg20663846	0.127797	1.70348	1.70348	0.382256	0.748337	-1.3363	0.0111533	0.357308	-2.79871	0.002081	0.246126	-4.06295	14.2518	23.6251	1.4735	1
cg12981595	0.374288	0.831416	-1.20277	0.0387659	0.616017	-1.62333	0.00981003	0.516372	-1.93659	0.000118408	0.255702	-3.9108	11.8732	7.707	0.576985	1
cg21377396	0.985518	1.00967	1.00967	0.00112177	0.0786074	-12.7214	0.00201356	0.0992456	-10.076	0.0398748	0.283804	-3.52356	6.43393	28.6419	3.95707	1
cg16250800	0.60263	0.887653	-1.12657	1.85E-05	0.138208	-7.23549	0.106699	0.670568	-1.49127	0.103956	0.668065	-1.49686	13.8348	11.2796	0.724713	1
cg21815502	0.0125761	0.517711	-1.93158	0.000828577	0.34373	-2.90926	0.124147	0.702433	-1.42362	0.020564	0.553326	-1.80725	10.8097	6.84816	0.633518	1
cg15015397	0.0287929	0.280602	-3.56376	0.00331214	0.139253	-7.18119	0.0143378	0.225822	-4.42827	0.0140803	0.224532	-4.45371	5.13352	19.7497	3.41973	1
cg17256240	0.0927248	0.671974	-1.48815	0.000256846	0.274375	-3.64464	0.00442784	0.442132	-2.26177	0.00202465	0.392389	-2.54849	14.2511	10.4228	0.650104	1
cg01824063	0.10456	1.31793	1.31793	0.000518053	0.430588	-2.32241	0.000360801	0.41059	-2.43552	0.000962715	0.46537	-2.14883	13.0124	4.9898	0.340857	1
cg12285580	0.316231	1.37696	1.37696	0.0668342	1.8857	1.8857	0.92443	1.02972	1.02972	0.484305	0.802992	-1.24534	3.61714	5.45947	1.34163	1
cg02203760	0.120236	0.598375	-1.67119	0.00150864	0.248353	-4.02653	0.0137941	0.395562	-2.52805	0.122848	0.60088	-1.66423	6.88722	10.1263	1.30693	1
cg01860517	0.229684	0.768697	-1.3009	0.0119035	0.519369	-1.92541	0.37454	0.826763	-1.20954	0.958814	0.989279	-1.01084	3.65633	2.5226	0.61327	1
cg03158218	4.96E-06	0.439234	-2.27669	2.15E-07	0.289806	-3.45058	0.410978	0.935729	-1.06869	0.000270577	0.623836	-1.60298	43.5679	4.30795	0.0878926	1
cg09566331	0.0489589	0.719053	-1.39072	0.000286366	0.41946	-2.38402	0.00898226	0.614199	-1.62814	0.000188089	0.396816	-2.52006	24.7797	8.44702	0.303008	1
cg17293195	0.52811	1.21555	1.21555	0.000251003	0.158172	-6.32223	0.0655089	0.531919	-1.87999	0.0132225	0.391469	-2.55448	9.4388	13.9406	1.31284	1
cg23629561	0.0879049	0.771432	-1.29629	0.934721	1.01135	1.01135	0.00154326	0.533908	-1.87298	0.126337	0.796229	-1.25592	4.97044	1.49442	0.267254	1
cg27152299	0.906546	0.961214	-1.04035	0.744917	1.11624	1.11624	0.20412	0.636724	-1.57054	0.0217029	0.395247	-2.53007	4.1189	7.40131	1.59726	1
cg14817211	0.838113	0.955677	-1.04638	0.916896	0.977135	-1.0234	0.36071	0.812021	-1.2315	0.858937	0.961343	-1.04021	6.77759	5.27154	0.691368	1
cg03272264	0.659448	1.0871	1.0871	0.545707	1.12204	1.12204	0.990981	1.00213	1.00213	0.0692326	0.681963	-1.46636	10.0285	5.63203	0.499205	1
cg09149459	0.81947	0.959531	-1.04218	0.46767	1.14288	1.14288	0.0189275	0.598321	-1.67134	0.04657	0.662404	-1.50965	4.97719	2.57429	0.45975	1
cg17270234	0.523901	0.900937	-1.10996	0.00980815	0.590197	-1.69435	0.727433	0.945053	-1.05814	0.0241907	0.647873	-1.54351	3.90406	1.61289	0.367228	1
cg00472454	0.0474291	1.58578	1.58578	0.000315716	3.27591	3.27591	0.0586517	1.54382	1.54382	0.205227	1.31224	1.31224	10.3457	6.77297	0.581923	1
cg24006547	0.0046003	0.499358	-2.00257	4.56E-05	0.241958	-4.13295	0.0568373	0.672428	-1.48715	0.00675888	0.52391	-1.90872	15.597	8.37391	0.477237	1
cg00344202	0.635611	0.878204	-1.13869	0.364984	0.776256	-1.28823	0.00201378	0.305571	-3.27257	0.0531166	0.549954	-1.81833	5.77979	6.77687	1.04223	1
cg19590900	0.854043	1.06444	1.06444	0.377261	1.35969	1.35969	0.853414	1.06473	1.06473	0.00954236	0.328469	-3.04443	5.53664	10.0852	1.61915	1
cg10889792	0.11988	1.53409	1.53409	0.0443251	0.556648	-1.79647	0.205529	0.71268	-1.40315	0.370147	0.791828	-1.2629	3.56086	3.6275	0.905524	1
cg03029616	0.251459	0.846571	-1.18124	0.0366672	1.40143	1.40143	0.700764	0.947736	-1.05515	0.027744	0.696511	-1.43573	6.3802	1.95282	0.272067	1
cg07945323	0.261055	0.845051	-1.18336	0.0123742	1.56401	1.56401	0.593571	1.08044	1.08044	4.71E-05	0.332165	-3.01055	36.7429	12.0054	0.290436	1
cg05572621	0.0824754	0.701939	-1.42463	0.0284252	0.62132	-1.60948	0.486786	1.13884	1.13884	0.000117256	0.289035	-3.45979	14.5823	7.81901	0.476621	1
cg07392829	0.19188	0.732038	-1.36605	0.915181	1.02435	1.02435	0.294821	0.782462	-1.27802	0.00181396	0.367447	-2.72148	12.2161	9.86305	0.717674	1
cg25493335	0.00864586	0.301326	-3.31866	0.183072	0.602767	-1.65902	0.999595	0.999818	-1.00018	0.00969419	0.309548	-3.23052	7.46677	15.1848	1.80769	1
cg08829149	0.8883	0.951563	-1.0509	0.00139446	0.194751	-5.13476	0.716757	1.13737	1.13737	0.0686596	0.486768	-2.05437	4.17313	8.24916	1.7571	1
cg05533037	0.961859	1.0213	1.0213	0.000208567	0.0649039	-15.4074	0.958272	0.977205	-1.02333	0.00766825	0.220852	-4.52791	10.1235	31.1406	2.73428	1
cg08731543	0.133099	0.419814	-2.382	0.000370045	0.0472366	-21.17	0.521801	0.706262	-1.4159	0.00955254	0.172389	-5.80085	6.08508	27.6501	4.03904	1
cg02642585	0.424711	0.564106	-1.77272	0.0735873	0.246398	-4.05848	0.192766	0.379829	-2.63276	0.0215543	0.143943	-6.94721	3.99461	31.2012	6.94296	1
cg24423088	0.00152757	0.548887	-1.82187	0.00810599	1.56166	1.56166	0.190251	0.833273	-1.20009	2.60E-06	0.2251	-4.44246	66.3093	18.1561	0.243386	1
cg12346967	0.0340253	0.636626	-1.57078	6.60E-06	0.160479	-6.23133	0.465284	1.14525	1.14525	2.64E-05	0.21936	-4.55872	49.4193	26.0705	0.468921	1
cg11825302	0.00124798	0.352138	-2.8398	2.00E-06	0.0743759	-13.4452	6.99E-07	0.050801	-19.6846	7.84E-05	0.205744	-4.86041	50.6988	39.3422	0.689776	1
cg22165275	0.0220219	0.439533	-2.27514	7.91E-06	0.0534779	-18.6993	1.10E-05	0.0607697	-16.4556	3.68E-05	0.0928729	-10.7674	36.7094	52.0798	1.26107	1
cg12878400	0.00402177	0.377069	-2.65204	3.00E-05	0.127329	-7.85369	0.000263702	0.220249	-4.54032	0.0468965	0.563187	-1.77561	17.2855	17.4386	0.896761	1
cg01334209	0.307724	0.654378	-1.52817	0.082358	0.461676	-2.16602	0.000232125	0.0859882	-11.6295	0.000605026	0.119599	-8.36128	14.2956	36.524	2.27104	1
cg03881382	0.00723933	0.136563	-7.32264	0.000433979	0.0409038	-24.4476	0.000849269	0.0560671	-17.8358	0.0157857	0.182803	-5.47037	8.63551	45.1509	4.64757	1
cg00755287	0.0149986	0.135146	-7.39939	0.00373742	0.0727601	-13.7438	0.00378099	0.0731546	-13.6697	0.023179	0.162555	-6.15175	6.66585	47.2927	6.30646	1
cg26521011	0.0129566	0.55031	-1.81716	2.26E-06	0.106814	-9.36205	0.000109886	0.267524	-3.73798	0.0250894	0.59689	-1.67535	25.8983	15.3825	0.527961	1
cg00550617	0.0316545	0.453778	-2.20372	1.59E-05	0.0612173	-16.3353	0.000145528	0.128611	-7.77539	0.479345	0.798087	-1.253	16.5187	25.7352	1.38484	1
cg19044462	0.0084313	0.231689	-4.31612	2.97E-05	0.0286048	-34.9591	0.000423795	0.0882963	-11.3255	0.0561057	0.39045	-2.56115	14.0529	42.0549	2.66011	1
cg23641283	0.00432885	0.383833	-2.6053	0.000291149	0.226895	-4.40733	5.56E-05	0.152241	-6.56855	0.118023	0.653	-1.53139	13.3836	13.364	0.887583	1
cg22911793	0.059451	0.536319	-1.86456	0.00394614	0.321256	-3.11278	0.00159672	0.26546	-3.76704	0.160115	0.644366	-1.55191	5.88647	7.9949	1.20727	1
cg25613262	0.597058	1.05279	1.05279	0.00157077	0.64537	-1.5495	0.379979	1.09073	1.09073	0.0666872	1.2193	1.2193	5.17754	0.762551	0.130916	1
cg24768116	0.614717	1.27538	1.27538	0.0370094	3.19231	3.19231	0.000542598	13.1559	13.1559	0.0819675	2.51852	2.51852	7.50157	27.2889	3.23356	1
cg17158414	0.378296	1.69655	1.69655	0.000519766	23.6877	23.6877	0.00492895	8.82763	8.82763	0.0449421	3.84089	3.84089	6.56193	35.5373	4.81394	1
cg02592271	0.792634	1.17223	1.17223	0.0237144	5.09586	5.09586	0.00266406	12.2523	12.2523	0.0487764	3.88562	3.88562	5.45473	31.4247	5.12088	1
cg11618577	0.652002	1.24915	1.24915	0.0693599	2.70614	2.70614	0.004127	6.58554	6.58554	0.0318971	3.42868	3.42868	5.24872	19.9608	3.38043	1
cg20102877	0.123418	3.5984	3.5984	0.0675589	4.81367	4.81367	0.00762111	13.9109	13.9109	0.028046	7.3236	7.3236	4.88513	45.5538	8.28889	1
cg21248554	0.27442	2.58194	2.58194	0.00845045	16.5232	16.5232	0.0086494	16.3132	16.3132	0.0871149	4.83417	4.83417	3.57271	39.3661	9.79425	1
cg04845466	0.351244	1.72154	1.72154	0.00619506	7.54629	7.54629	0.00742231	7.04716	7.04716	0.0380403	3.90274	3.90274	4.57546	23.2324	4.51343	1
cg18428193	0.0904299	3.3227	3.3227	0.0523206	4.13872	4.13872	0.00771151	9.0539	9.0539	0.0564366	4.01531	4.01531	3.95569	25.9518	5.83165	1
cg24101638	0.884406	0.973948	-1.02675	1.59E-07	0.0520778	-19.202	0.00473986	0.506286	-1.97517	0.0910155	0.713342	-1.40185	37.0086	19.2983	0.463514	1
cg22802461	0.819824	1.04623	1.04623	1.19E-06	0.0830373	-12.0428	0.00664669	0.497745	-2.00906	0.149394	1.35826	1.35826	34.8348	21.6462	0.552352	1
cg22498784	0.0750776	1.54691	1.54691	1.91E-06	0.0742917	-13.4605	0.000426796	0.29301	-3.41285	0.00144209	0.362898	-2.75559	32.593	25.0047	0.681938	1
cg01585096	0.0233338	0.490818	-2.03741	1.92E-05	0.102327	-9.77255	0.00115873	0.285607	-3.50132	0.131137	0.651803	-1.53421	17.2292	18.8162	0.970764	1
cg00083616	0.000108263	0.371667	-2.69058	0.0271752	0.684362	-1.46121	0.0029957	0.554035	-1.80494	0.489187	1.10729	1.10729	12.9455	4.31411	0.296225	1
cg10721090	0.00846218	1.59781	1.59781	0.00717592	1.62233	1.62233	0.0121982	0.647027	-1.54553	0.154751	0.808717	-1.23653	8.06312	2.48162	0.273577	1
cg05241571	0.0199189	0.499069	-2.00373	0.478341	0.836705	-1.19516	0.938765	1.01919	1.01919	0.0764168	1.62831	1.62831	5.71513	5.5375	0.861262	1
cg10305797	0.00890457	0.284312	-3.51726	0.0107208	0.297657	-3.35957	0.0198804	0.34566	-2.89302	0.56937	0.804685	-1.24272	5.58917	12.6406	2.01034	1
cg25717032	0.507966	0.753215	-1.32764	0.00150643	0.145214	-6.88641	0.0109988	0.260236	-3.84267	0.720907	0.859527	-1.16343	5.18988	14.6361	2.50677	1
cg06918506	0.0010796	0.504647	-1.98158	0.000302685	0.435106	-2.29829	0.00227932	0.546299	-1.8305	0.0350138	0.706061	-1.41631	15.7603	5.01111	0.282629	1
cg15089742	0.806571	0.954399	-1.04778	0.299063	0.814834	-1.22724	0.000419662	0.34512	-2.89754	0.000292871	0.325332	-3.07378	25.5539	14.6498	0.50959	1
cg20529961	0.00030281	0.352394	-2.83773	0.119278	0.74064	-1.35018	0.0799281	1.41211	1.41211	0.763815	1.05498	1.05498	14.3626	7.17477	0.444039	1
cg18303242	0.0679986	0.654376	-1.52817	0.753952	1.06741	1.06741	0.603066	0.896868	-1.11499	0.0113846	0.518277	-1.92947	11.1949	7.63239	0.60602	1
cg04011984	0.000167839	0.347676	-2.87624	0.0384939	1.48502	1.48502	0.550989	0.90529	-1.10462	0.769461	1.04967	1.04967	9.30276	4.00797	0.382966	1
cg02512902	0.00979459	0.20517	-4.87401	0.000679058	0.0805489	-12.4148	0.0189205	0.251924	-3.96945	0.0183878	0.249723	-4.00444	8.61236	32.0864	3.31167	1
cg12120406	0.0561533	1.59369	1.59369	0.0249189	1.77724	1.77724	0.234418	0.764478	-1.30808	0.488522	0.859315	-1.16372	6.71056	4.38588	0.653579	1
cg24476449	0.858859	0.976944	-1.0236	0.342022	0.879593	-1.13689	0.232355	1.17837	1.17837	0.0329018	0.721095	-1.38678	6.00618	1.63356	0.241761	1
cg06598987	0.0218582	1.76757	1.76757	0.0384766	0.608707	-1.64283	0.00652723	2.07865	2.07865	0.1383	1.39148	1.39148	5.73072	3.89026	0.603416	1
cg09910461	0.168604	0.551079	-1.81462	0.0419404	0.385887	-2.59143	0.861224	1.07366	1.07366	0.020271	0.320817	-3.11704	4.81826	12.5909	2.32281	1
cg22032946	0.452622	0.784002	-1.27551	0.112632	0.577375	-1.73198	0.531066	0.817262	-1.2236	0.0736562	0.530357	-1.88552	4.8109	7.70688	1.42397	1
cg02769252	0.618868	1.09438	1.09438	0.585724	1.10405	1.10405	0.561357	0.899767	-1.1114	0.303241	1.2114	1.2114	4.77361	2.44531	0.455338	1
cg13200730	0.791255	0.960452	-1.04118	0.000669566	2.20719	2.20719	0.54983	0.91207	-1.09641	0.688239	1.06328	1.06328	4.73576	1.73544	0.325737	1
cg16518167	0.146404	0.52076	-1.92027	0.0981815	0.468054	-2.1365	0.132899	0.507335	-1.97108	0.572406	0.787618	-1.26965	4.70782	13.0604	2.46595	1
cg26423824	0.113658	1.83873	1.83873	0.0699212	2.04848	2.04848	0.00296214	4.23484	4.23484	0.0299054	2.46946	2.46946	3.7132	7.36341	1.7627	1
cg21615831	0.469545	0.826584	-1.2098	0.038164	0.536887	-1.86259	0.528055	1.17995	1.17995	0.0842801	0.609961	-1.63945	3.67042	3.89484	0.94324	1
cg09293737	0.0412818	1.3195	1.3195	0.0253802	0.731264	-1.36749	0.00266122	0.612991	-1.63134	0.105302	1.23174	1.23174	17.5899	3.86433	0.19528	1
cg16471585	0.00386412	0.707976	-1.41248	0.185424	0.882853	-1.13269	0.00168243	0.671398	-1.48943	0.0631349	0.830728	-1.20376	16.7205	2.0848	0.110831	1
cg12945378	0.631322	1.06995	1.06995	0.148713	0.805256	-1.24184	5.88E-05	0.353325	-2.83026	0.00866519	0.626293	-1.5967	16.2135	5.02185	0.275319	1
cg06711448	0.0299527	0.620527	-1.61153	0.0135877	0.565197	-1.7693	0.000245252	0.322314	-3.10256	0.110651	0.722664	-1.38377	15.4355	8.53542	0.491531	1
cg00056578	0.00342177	1.77248	1.77248	0.00204529	0.53502	-1.86909	0.000301001	2.33019	2.33019	0.0758939	1.32883	1.32883	15.2663	5.00784	0.291584	1
cg16635578	0.427951	0.725688	-1.378	0.00129698	0.156221	-6.40118	0.023761	0.343276	-2.91311	0.0768951	0.458684	-2.18015	8.3869	20.8493	2.20972	1
cg21539988	0.216038	1.41753	1.41753	0.511646	1.19528	1.19528	0.728195	0.910739	-1.09801	0.557367	0.85297	-1.17237	8.059	9.16677	1.01107	1
cg00791253	0.0730601	0.497608	-2.00961	0.0467992	0.451748	-2.21362	0.00299921	4.14104	4.14104	0.142187	0.576458	-1.73473	7.09992	13.7051	1.71583	1
cg25496181	0.00187943	0.501517	-1.99395	0.000395639	0.413426	-2.41881	0.610346	1.08378	1.08378	0.125116	0.771133	-1.29679	6.78736	2.63481	0.345061	1
cg23344003	0.643958	0.873791	-1.14444	0.598348	1.16661	1.16661	0.000189307	0.161281	-6.20036	0.504039	0.821559	-1.2172	6.71747	8.94047	1.18305	1
cg10152475	0.578825	1.20155	1.20155	0.000234487	0.135691	-7.36967	0.715429	0.887012	-1.12738	0.230873	0.662615	-1.50917	6.28283	10.6698	1.50956	1
cg19478678	0.0290579	0.339362	-2.9467	0.000846026	0.121521	-8.22901	0.730648	0.86488	-1.15623	0.0495385	0.390131	-2.56324	5.96635	16.6732	2.48403	1
cg10071091	0.0927653	0.38182	-2.61904	0.0130286	0.201177	-4.97076	0.020284	0.233007	-4.29171	0.0286834	0.260956	-3.83207	5.8765	25.2179	3.81451	1
cg05652090	0.0290327	1.84307	1.84307	0.0155002	0.49385	-2.0249	0.00729238	0.439464	-2.2755	0.517734	0.85571	-1.16862	5.66365	5.06429	0.794821	1
cg25351550	0.0514759	0.208035	-4.80689	0.00273149	0.0534197	-18.7197	0.0145706	0.118743	-8.42156	0.0634529	0.228095	-4.38414	5.46342	43.3964	7.06053	1
cg06296759	0.708073	0.863912	-1.15753	0.0243966	0.352359	-2.83802	0.000287973	0.100151	-9.98491	0.145722	0.544736	-1.83575	5.38353	12.8953	2.12918	1
cg19301250	0.305097	0.804246	-1.2434	0.230728	1.29422	1.29422	0.0576128	0.643759	-1.55338	0.941989	1.01504	1.01504	4.82718	3.21707	0.5924	1
cg05658717	0.867289	1.03404	1.03404	0.857211	0.964597	-1.0367	0.0725157	1.50367	1.50367	0.0370728	0.608957	-1.64215	4.69801	2.91656	0.48285	1
cg17854284	0.00102731	0.684256	-1.46144	0.768452	0.97724	-1.02329	0.954657	0.995575	-1.00444	0.215097	0.903242	-1.10712	4.24342	0.40874	0.0856207	1
cg18303049	0.739999	0.947095	-1.05586	0.00761264	0.571152	-1.75085	0.91032	0.981778	-1.01856	0.319723	0.845505	-1.18272	4.12145	1.7388	0.375014	1
cg01386425	0.577965	0.800533	-1.24917	0.0337663	0.374816	-2.66798	0.181561	1.7531	1.7531	0.524254	0.774563	-1.29105	3.9272	9.74612	2.20595	1
cg05738715	0.298032	1.57938	1.57938	0.0370191	0.358426	-2.78997	0.282917	0.62332	-1.60431	0.221584	1.72344	1.72344	3.92463	11.1568	2.5269	1
cg08522443	0.528957	0.762081	-1.3122	0.0106849	0.25489	-3.92326	0.00383703	0.190133	-5.25947	0.969538	0.983865	-1.0164	3.88799	11.173	2.55443	1
cg02336762	0.599215	0.831229	-1.20304	0.00959637	0.318855	-3.13622	0.0551816	0.468722	-2.13346	0.0450644	0.448617	-2.22907	3.81605	7.34353	1.71056	1
cg19631876	0.3715	0.655322	-1.52597	0.367573	0.652921	-1.53158	0.0182366	0.26715	-3.74322	0.0885392	0.420874	-2.37601	3.6508	12.2661	2.98652	1
cg25600933	0.278782	0.579425	-1.72585	0.00569857	0.172553	-5.79534	0.0135163	0.227312	-4.39923	0.0843288	0.396391	-2.52276	3.54159	13.1724	3.3061	1
cg16663816	0.0469137	0.764914	-1.30734	0.0169632	1.40925	1.40925	0.696749	0.954906	-1.04722	0.26361	0.871709	-1.14717	6.19789	1.36258	0.195419	1
cg16958524	0.898893	1.02274	1.02274	0.00505675	0.519135	-1.92628	0.786804	0.953187	-1.04911	0.503078	1.12771	1.12771	5.08032	2.51666	0.440333	1
cg20696605	0.187204	0.642849	-1.55557	0.00493545	0.308231	-3.24432	0.0510024	0.495319	-2.0189	0.0741715	0.53317	-1.87558	4.38195	6.93335	1.40645	1
cg27312312	0.00549467	0.173178	-5.77441	0.020773	0.262639	-3.8075	0.000164625	0.0457094	-21.8773	0.544837	0.745	-1.34228	9.58176	35.0132	3.24813	1
cg03970461	0.883797	0.982879	-1.01742	0.134076	0.826314	-1.21019	0.272815	1.14427	1.14427	0.456567	1.09366	1.09366	5.03396	1.1116	0.196284	1
cg23685650	0.694081	1.18893	1.18893	0.0524988	0.380903	-2.62534	0.00917301	0.234929	-4.25661	0.230145	0.576279	-1.73527	4.76344	14.4587	2.69808	1
cg18341634	0.888828	0.969581	-1.03137	0.000998165	0.339761	-2.94325	0.276411	1.28409	1.28409	0.152438	0.712813	-1.40289	3.78434	2.92375	0.686749	1
cg11820270	0.841009	0.95366	-1.04859	0.0646109	0.612405	-1.63291	0.0422444	1.73797	1.73797	0.258271	0.756797	-1.32136	5.78791	5.11558	0.785636	1
cg14002714	0.437175	1.15812	1.15812	0.206332	1.28002	1.28002	0.781377	0.949778	-1.05288	0.761655	0.945216	-1.05796	4.31181	2.34256	0.482923	1
cg09317658	0.83717	1.03754	1.03754	0.178003	1.29216	1.29216	0.345738	0.84038	-1.18994	0.220195	0.793859	-1.25967	3.77151	1.91569	0.451498	1
cg20457145	0.492375	0.843785	-1.18514	0.152921	1.45193	1.45193	0.0639839	0.602211	-1.66055	0.0346241	0.548754	-1.82231	3.62309	3.40527	0.835449	1
cg26246078	0.00492906	0.455456	-2.1956	0.0381203	0.60197	-1.66121	0.315486	1.24504	1.24504	0.979362	1.00548	1.00548	3.46759	2.44886	0.627744	1
cg23446261	0.03569	0.510964	-1.95709	0.435556	0.803718	-1.24422	0.0460661	1.87366	1.87366	0.00535828	0.365178	-2.73839	3.43903	4.10932	1.06214	1
cg15440402	0.882072	1.06894	1.06894	0.00983957	0.230996	-4.32908	0.682311	1.20302	1.20302	0.0114997	0.241766	-4.13623	3.44678	9.78765	2.83965	1
cg12372414	0.593273	0.945143	-1.05804	0.641406	0.952099	-1.05031	0.331994	1.11042	1.11042	0.213711	1.14685	1.14685	8.35082	1.44853	0.154187	1
cg01647728	0.0265674	1.44177	1.44177	0.273777	1.17176	1.17176	0.000356353	2.22044	2.22044	0.236881	0.841573	-1.18825	5.9716	1.83208	0.27271	1
cg06061360	0.0299824	1.308	1.308	0.185464	0.862724	-1.15912	0.907047	1.01236	1.01236	0.00151528	1.61674	1.61674	5.80515	1.0168	0.155693	1
cg18294023	0.598879	0.73547	-1.35968	0.201825	0.458342	-2.18178	0.50979	0.679064	-1.47261	0.000470168	24.078	24.078	5.29356	28.0905	4.71692	1
cg06655840	0.276422	0.862754	-1.15908	0.0152324	1.47497	1.47497	0.907938	0.985028	-1.0152	0.40539	0.894933	-1.1174	5.27729	1.42121	0.239384	1
cg22074114	0.985238	1.00557	1.00557	0.125556	1.64515	1.64515	0.386035	0.765786	-1.30585	0.0277335	0.457794	-2.18439	5.12877	7.32501	1.26953	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00310463	KY	0.017493	0.756295	1.08581	1.08581	0.10235	1.60441	1.60441	0.45395	1.22351	1.22351	0.0870435	0.606702	-1.64826	0.00163334	3.29772	3.29772	0.340858	1.29637	1.29637	0.00563102	2.61423	2.61423	0.069057	1.71254	1.71254	0.446135	1.22798	1.22798	4.92213	5.45177	0.984537	1
cg19497451	KY	0.0234181	0.0115707	0.530342	-1.88558	0.0835977	0.68067	-1.46914	0.00204562	0.417702	-2.39405	0.431123	0.85094	-1.17517	0.00640979	0.490455	-2.03892	0.173057	0.747334	-1.33809	0.434175	0.851886	-1.17387	0.93172	0.982933	-1.01736	0.101585	0.697634	-1.43342	4.45707	2.8485	0.568086	1
cg20766179	KY	0.0299445	0.0219069	0.367461	-2.72137	0.0635456	0.467912	-2.13715	0.0110943	0.313682	-3.18794	0.158722	0.577843	-1.73057	0.00219602	0.209443	-4.77457	0.098932	0.517558	-1.93215	0.783552	0.904614	-1.10544	0.0975758	0.515921	-1.93828	0.165715	0.583802	-1.71291	4.08952	8.58461	1.86593	1
cg24370755	KY	0.0373872	0.437669	0.576306	-1.73519	0.297498	2.12087	2.12087	0.382749	1.86469	1.86469	0.676342	0.746581	-1.33944	0.406807	0.553931	-1.80528	0.618345	0.704952	-1.41854	0.359604	0.519087	-1.92646	0.714544	1.29138	1.29138	0.00089042	31.9662	31.9662	3.7755	28.9753	6.82183	1
cg15474615	KY	0.0388025	0.233229	0.486235	-2.05662	0.410816	0.615581	-1.62448	0.639784	0.761913	-1.31249	0.202037	0.459732	-2.17518	0.145789	0.40619	-2.4619	0.436371	0.632498	-1.58103	0.850605	0.896932	-1.11491	0.504664	0.676677	-1.47781	0.00152236	13.9209	13.9209	3.72451	19.6317	4.68528	1
cg05058758	KYNU	0.0189259	0.0689211	3.21217	3.21217	0.0559055	3.46108	3.46108	0.0195707	5.03936	5.03936	0.505562	1.47296	1.47296	0.263131	1.9519	1.9519	0.194261	2.19743	2.19743	0.0220791	4.82421	4.82421	0.00092529	17.0478	17.0478	0.0201872	4.98303	4.98303	4.79339	24.9504	4.62681	1
cg14252236	KYNU	0.0248107	0.973135	0.983277	-1.01701	0.0053418	6.28216	6.28216	0.0459037	3.14524	3.14524	0.122339	2.31296	2.31296	0.294924	0.580433	-1.72285	0.595525	0.764672	-1.30775	0.00595087	6.05636	6.05636	0.0937049	2.51714	2.51714	0.0759697	2.68848	2.68848	4.36876	17.353	3.53072	1
cg12338273	KYNU	0.0275671	0.767246	1.07275	1.07275	0.0072016	0.440138	-2.27202	0.0185938	0.509092	-1.96428	0.638973	1.11828	1.11828	0.196808	0.724075	-1.38107	0.0770063	0.627991	-1.59238	0.0109252	0.469628	-2.12934	0.27194	1.31071	1.31071	0.584962	1.13938	1.13938	4.21081	3.73316	0.788059	1
cg22923487	KYNU;KYNU	0.0101696	0.394558	0.896364	-1.11562	0.158706	0.827769	-1.20807	0.121051	0.809833	-1.23482	0.00646985	0.641348	-1.55922	0.0387521	0.740607	-1.35024	0.788209	1.03436	1.03436	0.00200935	0.578743	-1.72788	0.568903	1.07491	1.07491	0.00203174	0.579332	-1.72613	5.87889	1.4657	0.221614	1
cg19826115	KYNU;KYNU	0.0320702	0.201028	0.746426	-1.33972	0.973064	1.00734	1.00734	0.380582	0.823014	-1.21505	0.223654	0.758146	-1.31901	0.0393689	0.596784	-1.67565	0.851905	1.0413	1.0413	0.0129421	1.95053	1.95053	0.374777	1.2181	1.2181	0.00814636	0.480231	-2.08233	3.99075	2.96445	0.660293	1
cg12039689	L1CAM;L1CAM;L1CAM	0.00519628	0.00450674	0.176892	-5.65318	0.192984	0.532393	-1.87831	0.982046	1.01035	1.01035	0.375224	0.659404	-1.51652	0.0160685	0.259735	-3.85008	0.000675112	0.0926925	-10.7884	0.00208217	0.137719	-7.26115	0.00898487	0.218682	-4.57286	0.0575781	0.374348	-2.67131	7.25274	24.0486	2.94737	1
cg09661041	L1CAM;L1CAM;L1CAM	0.0125477	0.482574	0.758811	-1.31785	0.45535	0.745227	-1.34187	0.290022	1.52914	1.52914	0.17194	1.75482	1.75482	0.108018	0.507537	-1.9703	0.320277	1.48762	1.48762	0.000299603	0.102808	-9.72685	0.903841	0.954334	-1.04785	0.297854	0.658777	-1.51796	5.49323	13.0128	2.10568	1
cg20578376	L1CAM;L1CAM;L1CAM	0.016485	0.190252	1.41275	1.41275	0.00605619	0.409458	-2.44226	0.717355	1.09478	1.09478	0.39165	0.803627	-1.24436	0.0122494	0.459656	-2.17554	0.278141	1.32434	1.32434	0.00501254	0.396584	-2.52153	0.484318	1.19368	1.19368	0.67536	1.11062	1.11062	5.02081	4.93399	0.873518	1
cg08008065	L1TD1;L1TD1	0.00337998	0.927445	0.97118	-1.02968	0.000474645	0.171677	-5.8249	0.167678	0.623639	-1.60349	0.112616	0.574326	-1.74117	0.000299791	0.151298	-6.60945	0.466336	0.788187	-1.26873	0.295974	1.41618	1.41618	0.682325	0.876222	-1.14126	0.0176886	0.395983	-2.52536	8.25953	13.4864	1.4514	1
cg03731268	L1TD1;L1TD1	0.0147679	0.0124085	16.1118	16.1118	0.0250089	10.8235	10.8235	0.0656482	6.3288	6.3288	0.522003	1.78533	1.78533	0.0248182	10.8701	10.8701	0.484819	1.88519	1.88519	0.00293161	38.4637	38.4637	0.00512821	27.1747	27.1747	0.0173406	13.3051	13.3051	5.20747	65.7915	11.2303	1
cg27300647	L1TD1;L1TD1	0.0183825	0.392327	1.31107	1.31107	0.00728973	2.91397	2.91397	0.352898	1.34371	1.34371	0.503865	1.23323	1.23323	0.224031	1.48405	1.48405	0.0528725	0.506591	-1.97398	0.00166288	4.01641	4.01641	0.106311	1.72475	1.72475	0.206531	1.50947	1.50947	4.84074	7.3231	1.34472	1
cg14850026	L1TD1;L1TD1	0.0213888	0.121546	1.88647	1.88647	0.420172	1.36537	1.36537	0.2254	1.61839	1.61839	0.151027	1.78938	1.78938	0.025949	2.71718	2.71718	0.900918	0.953994	-1.04822	0.000735098	6.95636	6.95636	0.0308083	2.60912	2.60912	0.0432895	2.40845	2.40845	4.59811	10.4125	2.01291	1
cg11146821	L1TD1;L1TD1	0.0287488	0.118949	0.549669	-1.81928	0.0873011	1.94948	1.94948	0.514933	0.791757	-1.26301	0.0100412	0.316927	-3.1553	0.0762689	0.497846	-2.00865	0.0124563	0.332999	-3.00301	0.0232786	0.383312	-2.60884	0.252589	0.655348	-1.52591	0.0829261	0.507146	-1.97182	4.14897	8.21693	1.76042	1
cg06190807	L1TD1;L1TD1	0.0376801	0.264978	1.321	1.321	0.0589177	1.66722	1.66722	0.0714647	1.6199	1.6199	0.4643	1.1954	1.1954	0.162783	1.4291	1.4291	0.643961	0.894471	-1.11798	0.00173851	2.9157	2.9157	0.0276435	1.86633	1.86633	0.112904	1.51207	1.51207	3.76475	3.42383	0.808394	1
ch.14.561430R	L2HGDH	0.00056775	0.00580302	0.21721	-4.60384	0.00802808	0.238064	-4.20055	0.219202	0.579267	-1.72632	2.91E-05	0.0312695	-31.98	0.00018648	0.0695657	-14.3749	0.422693	1.41347	1.41347	0.0359639	0.35667	-2.80371	0.820021	0.908196	-1.10108	0.584168	0.791721	-1.26307	13.7946	39.0095	2.51367	1
cg07542043	L2HGDH	0.00627503	0.0438173	0.620237	-1.61229	0.305813	0.803657	-1.24431	0.116642	0.703672	-1.42112	0.321093	0.809505	-1.23532	0.000119504	0.249861	-4.00222	0.260971	0.785306	-1.27339	0.12336	1.41069	1.41069	0.679446	1.08943	1.08943	0.957314	0.989026	-1.0111	6.84368	4.60627	0.598284	1
cg09295792	L2HGDH	0.00893874	0.220239	0.841865	-1.18784	0.00553935	0.614601	-1.62707	0.110074	0.792476	-1.26187	0.576983	1.07816	1.07816	0.0025791	0.57238	-1.74709	0.00721099	0.629317	-1.58902	0.0492822	1.34944	1.34944	0.709779	0.951301	-1.05119	0.0579011	0.75102	-1.33152	6.12563	1.73035	0.25109	1
ch.14.560311R	L2HGDH	0.0152052	0.00368133	0.149101	-6.70686	0.0104356	0.219133	-4.56344	0.0183004	0.264887	-3.77519	?	?	?	?	?	?	0.401473	0.688498	-1.45244	0.00607199	0.180469	-5.54111	0.736289	0.86426	-1.15706	0.966864	1.01807	1.01807	6.99101	15.2369	1.86814	1
cg21058987	L2HGDH;L2HGDH;ATP5S;ATP5S;ATP5S	5.09E-06	1.73E-06	0.654451	-1.528	0.00845141	0.88769	-1.12652	0.0263731	0.910923	-1.09779	0.00462146	0.875015	-1.14284	0.011439	1.11865	1.11865	8.06E-07	0.626166	-1.59702	3.40E-06	0.67851	-1.47382	0.0384882	0.918564	-1.08866	0.201057	0.953286	-1.049	48.3191	0.960564	0.0176708	1
cg26947834	L3MBTL2	0.00879729	0.237802	1.18593	1.18593	0.851626	0.97451	-1.02616	0.000349057	2.20958	2.20958	0.312099	1.15511	1.15511	0.48065	0.905872	-1.10391	0.312407	1.155	1.155	0.056636	0.742646	-1.34654	0.0121175	1.53919	1.53919	0.668072	1.06129	1.06129	6.15668	1.85416	0.2677	1
cg06838028	L3MBTL2	0.0422357	0.197921	0.620793	-1.61084	0.443831	0.760707	-1.31457	0.107427	0.540334	-1.85071	0.424434	1.33081	1.33081	0.00701522	0.294837	-3.39171	0.00379123	0.254554	-3.92844	0.180024	0.607245	-1.64678	0.975077	1.011	1.011	0.318734	0.696964	-1.43479	3.60982	7.01723	1.72793	1
cg14679202	L3MBTL2	0.0447695	0.0251568	0.274432	-3.64389	0.0400965	0.316053	-3.16402	0.554596	0.748098	-1.33672	0.975701	0.98532	-1.0149	0.0324572	0.296499	-3.37269	0.464519	0.69665	-1.43544	0.00470742	0.161421	-6.19497	0.0375368	0.309822	-3.22766	0.146309	0.468982	-2.13228	3.53231	13.1904	3.31929	1
cg19802093	L3MBTL3;L3MBTL3	0.000862569	0.494228	0.945099	-1.05809	0.000357238	0.627495	-1.59364	3.55E-05	0.522596	-1.91352	0.205154	1.11487	1.11487	0.650174	1.03784	1.03784	0.549004	1.05056	1.05056	0.384221	1.07527	1.07527	0.754678	0.974826	-1.02582	0.136781	0.877765	-1.13926	12.269	1.28561	0.0931425	1
cg03454037	L3MBTL3;L3MBTL3	0.00155478	0.400119	0.894026	-1.11854	0.0329687	0.722995	-1.38314	0.0342995	0.725316	-1.37871	0.185925	0.833268	-1.20009	9.41E-05	0.404387	-2.47288	0.113526	1.25102	1.25102	0.0430143	0.738718	-1.3537	0.00889213	1.54183	1.54183	0.21528	1.18488	1.18488	10.3718	2.77854	0.238127	1
cg14084435	L3MBTL3;L3MBTL3	0.00527325	?	?	?	0.000963666	4.74518	4.74518	0.00877554	2.87894	2.87894	0.25582	0.68674	-1.45616	0.242486	0.67874	-1.47332	0.0112003	0.365342	-2.73716	0.949144	0.979995	-1.02041	0.13265	1.67203	1.67203	0.976301	1.00945	1.00945	7.37423	10.4193	1.41294	1
cg15606604	L3MBTL3;L3MBTL3	0.0103269	0.901477	1.0194	1.0194	0.151307	0.787755	-1.26943	0.0708304	0.731115	-1.36777	0.371742	0.867367	-1.15291	0.000398167	0.417063	-2.39772	0.320647	1.17259	1.17259	0.036077	1.45972	1.45972	0.5107	1.10906	1.10906	0.858192	0.972632	-1.02814	5.85004	2.23043	0.338904	1
cg07826275	L3MBTL3;L3MBTL3	0.0113323	0.542226	0.950856	-1.05168	0.19573	0.894254	-1.11825	0.893712	1.01098	1.01098	0.465735	1.06251	1.06251	0.0896588	1.16513	1.16513	0.959953	1.00411	1.00411	0.000231888	0.607101	-1.64717	0.30307	0.916551	-1.09105	0.590527	1.04537	1.04537	5.67774	0.599985	0.0939317	1
cg18798995	L3MBTL3;L3MBTL3	0.011404	0.0300479	0.74305	-1.3458	0.00976424	1.46275	1.46275	0.0174608	1.40039	1.40039	0.592011	0.938978	-1.06499	0.8707	0.98122	-1.01914	0.0115878	0.692567	-1.4439	0.0342217	0.750096	-1.33316	0.176111	0.845862	-1.18223	0.914005	1.01265	1.01265	5.6662	1.21558	0.190695	1
cg10237990	L3MBTL3;L3MBTL3	0.0149808	0.448775	1.13905	1.13905	0.364529	1.17018	1.17018	0.00121626	2.22246	2.22246	0.274466	1.21141	1.21141	0.477695	0.885363	-1.12948	0.485967	1.12683	1.12683	0.0100558	0.578157	-1.72963	0.272918	1.21222	1.21222	0.160111	0.776368	-1.28805	5.18289	2.33512	0.400484	1
cg09710740	L3MBTL3;L3MBTL3	0.0174962	0.971755	1.00731	1.00731	0.432642	0.848129	-1.17907	0.511805	1.14668	1.14668	0.590346	1.11828	1.11828	0.960774	0.989934	-1.01017	0.55595	0.88469	-1.13034	0.000466745	0.322451	-3.10125	0.995065	1.00127	1.00127	0.0351203	1.65684	1.65684	4.92183	3.29841	0.595698	1
cg15801215	L3MBTL3;L3MBTL3	0.0390746	0.782044	1.03609	1.03609	0.00348691	0.602452	-1.65988	0.0295393	0.720663	-1.38761	0.181468	1.19883	1.19883	0.591833	1.07164	1.07164	0.612988	0.936874	-1.06738	0.0887662	1.27125	1.27125	0.668095	1.05669	1.05669	0.917727	0.986878	-1.0133	3.71498	0.961575	0.230078	1
cg12924825	L3MBTL4	1.07E-05	0.210324	0.777738	-1.28578	0.0321302	1.61277	1.61277	0.255092	0.797512	-1.2539	3.04E-06	0.120585	-8.29291	?	?	?	0.136683	0.736898	-1.35704	0.995129	0.998838	-1.00116	3.97E-06	7.70847	7.70847	?	?	?	42.2786	18.8843	0.510473	1
cg08007465	L3MBTL4	9.11E-05	0.0145613	0.530558	-1.88481	0.000353173	0.298547	-3.34956	0.93524	1.01726	1.01726	0.969871	0.992076	-1.00799	0.0612228	0.641291	-1.55935	0.50606	1.15271	1.15271	0.150335	0.722711	-1.38368	3.08E-06	10.3427	10.3427	0.475141	0.85816	-1.16528	22.7018	15.951	0.624563	1
cg18556788	L3MBTL4	0.00026732	0.0874095	0.673708	-1.48432	0.0800469	0.66598	-1.50155	0.623074	1.10925	1.10925	0.515303	1.14807	1.14807	7.25E-05	0.220504	-4.53506	0.321555	1.23905	1.23905	0.000584046	3.04256	3.04256	0.0131552	0.525458	-1.9031	0.000465241	3.16508	3.16508	16.977	11.779	0.61673	1
cg14693194	L3MBTL4	0.000706343	0.155455	0.642689	-1.55596	0.313837	0.738624	-1.35387	0.138397	1.5904	1.5904	0.135796	0.626543	-1.59606	0.246546	0.702971	-1.42253	0.885037	1.04298	1.04298	0.168554	0.652647	-1.53222	1.75E-05	12.892	12.892	0.0135286	0.411089	-2.43256	12.9781	17.3873	1.19089	1
cg23718736	L3MBTL4	0.00139212	0.10715	0.631318	-1.58399	0.0937924	0.617593	-1.61919	0.10188	0.626073	-1.59726	0.00770644	0.408457	-2.44824	0.0691207	0.587499	-1.70213	0.100515	0.62468	-1.60082	5.95E-05	0.143404	-6.97329	0.00577195	2.57532	2.57532	0.135632	0.656645	-1.52289	10.7069	11.5983	0.962894	1
cg22163535	L3MBTL4	0.00144855	0.311994	0.657776	-1.52027	0.311327	0.65737	-1.52121	0.148716	0.537782	-1.85949	0.0190747	0.32099	-3.11536	0.0128011	0.289866	-3.44987	0.0317974	0.365002	-2.73971	2.33E-05	0.0338116	-29.5756	0.357543	1.46075	1.46075	0.0245813	0.34221	-2.92218	10.5853	26.8908	2.25812	1
cg22058122	L3MBTL4	0.00163966	0.714696	1.0704	1.0704	0.795437	0.952994	-1.04932	0.612344	1.09932	1.09932	0.246767	1.25162	1.25162	0.0834787	0.701151	-1.42623	0.0248074	0.609507	-1.64067	2.35E-05	0.209005	-4.78457	0.339657	0.833293	-1.20006	0.620639	1.09687	1.09687	10.2139	5.55516	0.483448	1
cg26120251	L3MBTL4	0.00310886	0.148701	0.693606	-1.44174	0.383371	0.809664	-1.23508	0.661083	0.90104	-1.10983	0.0157341	0.497039	-2.01192	0.295692	0.774038	-1.29193	0.938918	0.982061	-1.01827	0.103483	0.656645	-1.52289	9.74E-05	5.13573	5.13573	0.616734	0.887641	-1.12658	8.46798	7.48248	0.78544	1
cg08336641	L3MBTL4	0.00583966	0.437966	0.915114	-1.09276	0.0807384	1.24253	1.24253	0.00275888	1.58885	1.58885	0.0970663	0.815313	-1.22652	0.816696	1.02637	1.02637	0.403995	1.10047	1.10047	0.0013234	0.592348	-1.6882	0.0660249	1.26014	1.26014	0.155498	1.18578	1.18578	6.99738	1.39314	0.176972	1
cg05724871	L3MBTL4	0.0116211	0.781236	1.05817	1.05817	0.247362	1.27845	1.27845	0.343391	1.21926	1.21926	0.599232	0.897898	-1.11371	0.565854	1.12511	1.12511	0.734796	0.933275	-1.0715	0.171988	0.744316	-1.34351	0.00128159	2.5949	2.5949	0.00356509	0.448469	-2.22981	5.63175	3.67922	0.580711	1
cg12090105	L3MBTL4	0.0322935	0.0947912	0.315432	-3.17026	0.00598648	0.104604	-9.55982	0.0208371	0.174136	-5.74265	0.121665	0.34839	-2.87034	0.0364864	0.217063	-4.60695	0.110387	0.335098	-2.9842	0.00564081	0.101996	-9.80428	0.0864902	0.304222	-3.28708	0.113425	0.338748	-2.95205	3.98084	24.8981	5.55953	1
cg20252111	L3MBTL;L3MBTL	0.000164948	0.659757	0.975782	-1.02482	0.0177978	0.852624	-1.17285	0.0935871	0.902988	-1.10743	0.636015	0.973963	-1.02673	0.0866571	0.900577	-1.1104	0.488406	1.03972	1.03972	2.76E-06	1.86394	1.86394	0.169522	0.922213	-1.08435	0.147851	0.917673	-1.08971	19.3545	0.938627	0.0431081	1
cg04984575	L3MBTL;L3MBTL	0.000170251	0.0553172	1.25475	1.25475	0.0587207	0.800067	-1.2499	0.867526	1.01759	1.01759	0.220549	1.14402	1.14402	0.667148	0.955807	-1.04624	0.0481017	1.26618	1.26618	2.70E-06	3.25128	3.25128	0.98968	0.99865	-1.00135	0.012353	0.722229	-1.3846	19.1897	3.31686	0.153641	1
cg02177317	L3MBTL;L3MBTL	0.000173214	2.19E-05	0.511479	-1.95511	0.0430908	0.832801	-1.20077	0.0272653	0.814342	-1.22798	0.299389	1.08822	1.08822	0.273556	1.09371	1.09371	0.754015	0.975592	-1.02502	5.58E-05	1.80224	1.80224	0.839309	0.984166	-1.01609	0.0800728	0.858424	-1.16493	19.1005	1.86942	0.0869981	1
cg18911945	L3MBTL;L3MBTL	0.00358894	0.848943	1.02883	1.02883	0.358309	0.868663	-1.15119	0.462701	1.11788	1.11788	0.6127	0.926732	-1.07906	0.227061	0.827759	-1.20808	0.271099	0.843004	-1.18623	5.33E-05	3.07762	3.07762	0.351722	0.866881	-1.15356	0.658224	1.06861	1.06861	8.11261	2.85471	0.312787	1
cg22601123	L3MBTL;L3MBTL	0.00537558	0.000437827	0.329461	-3.03526	0.575361	1.11975	1.11975	0.228469	0.776783	-1.28736	0.362656	1.2056	1.2056	0.833469	0.958797	-1.04297	0.858393	0.964939	-1.03633	0.0026091	2.30078	2.30078	0.0758202	0.673752	-1.48423	0.710867	1.07725	1.07725	7.17777	4.53997	0.562226	1
cg02472486	L3MBTL;L3MBTL	0.00552248	0.3571	0.910918	-1.09779	0.920578	1.00987	1.00987	0.119537	1.18105	1.18105	0.879945	0.985221	-1.015	0.095797	1.19748	1.19748	0.000824289	0.608765	-1.64267	0.00150618	1.56906	1.56906	0.323948	1.10556	1.10556	0.730557	0.966517	-1.03464	7.11863	1.09413	0.136621	1
cg11319028	L3MBTL;L3MBTL	0.00889292	0.00278852	0.398916	-2.50679	0.227179	0.75377	-1.32666	0.515293	1.15846	1.15846	0.453435	0.843435	-1.18563	0.194299	0.736276	-1.35819	0.231974	0.756168	-1.32246	0.00116345	2.89581	2.89581	0.77136	1.06712	1.06712	0.328023	1.25244	1.25244	6.13562	4.83035	0.699789	1
cg17091610	L3MBTL;L3MBTL	0.0101951	0.13434	1.21434	1.21434	0.0356765	0.74522	-1.34189	0.788575	0.968187	-1.03286	0.475201	1.09127	1.09127	0.01526	1.43099	1.43099	0.989415	1.0016	1.0016	0.000575388	1.89828	1.89828	0.372608	0.89574	-1.1164	0.867432	0.980105	-1.0203	5.87418	1.34611	0.203696	1
cg10360552	L3MBTL;L3MBTL	0.0133544	0.0897439	1.27692	1.27692	0.00833695	0.643633	-1.55368	0.529059	1.08691	1.08691	0.540368	1.08438	1.08438	0.723222	0.954591	-1.04757	0.967966	0.994766	-1.00526	0.000883982	1.91786	1.91786	0.383342	0.889739	-1.12392	0.760502	0.960832	-1.04076	5.3826	1.456	0.240446	1
cg09541000	L3MBTL;L3MBTL	0.0158571	0.000726848	0.25663	-3.89666	0.530543	0.845217	-1.18313	0.512717	1.19211	1.19211	0.348844	1.29082	1.29082	0.595245	0.867692	-1.15248	0.585366	1.15698	1.15698	0.0286228	1.98071	1.98071	0.322228	0.762876	-1.31083	0.098404	0.618946	-1.61565	5.08614	5.64336	0.986273	1
cg06446163	L3MBTL;L3MBTL	0.0160586	0.972221	0.995356	-1.00467	0.17056	0.822757	-1.21543	0.877038	1.02091	1.02091	0.629619	0.937104	-1.06712	0.840606	1.02729	1.02729	0.0803025	1.2961	1.2961	0.000528785	2.05779	2.05779	0.340232	0.876873	-1.14042	0.124765	0.800788	-1.24877	5.06483	1.43353	0.251587	1
cg15388309	L3MBTL;L3MBTL	0.0186222	0.647998	0.948726	-1.05405	0.583587	0.938577	-1.06544	0.40502	1.10248	1.10248	0.369574	1.11129	1.11129	0.760775	1.03559	1.03559	0.101657	1.22777	1.22777	0.000649809	1.81992	1.81992	0.0377239	0.758829	-1.31782	0.633265	1.05659	1.05659	4.81964	1.00092	0.184601	1
cg16773803	L3MBTL;L3MBTL	0.0204634	0.00702016	0.134868	-7.41467	0.047367	0.271454	-3.68387	0.0670459	0.307323	-3.25391	0.778499	0.850374	-1.17595	0.00768214	0.139596	-7.16354	0.00995409	0.153971	-6.49472	0.0134029	0.172011	-5.81357	0.674832	0.78465	-1.27445	0.0387661	0.252712	-3.95708	4.66805	24.4244	4.6509	1
cg20091959	L3MBTL;L3MBTL	0.0235346	0.38186	0.893868	-1.11873	0.01612	0.691894	-1.44531	0.418195	0.901685	-1.10903	0.664476	1.05611	1.05611	0.192915	1.18813	1.18813	0.40543	1.11236	1.11236	0.00177757	1.74472	1.74472	0.291592	0.872058	-1.14671	0.91537	1.01339	1.01339	4.44943	1.10283	0.22032	1
cg22330467	L3MBTL;L3MBTL	0.043789	0.00228279	0.193444	-5.16946	0.242684	0.624482	-1.60133	0.757795	0.887704	-1.1265	0.616382	1.21472	1.21472	0.281895	1.53824	1.53824	0.0369788	0.39342	-2.54181	0.239667	1.60664	1.60664	0.97105	1.01407	1.01407	0.536047	0.785598	-1.27292	3.56165	8.3652	2.08772	1
cg01877937	L3MBTL;L3MBTL	0.0487083	0.522949	1.17514	1.17514	0.075399	0.610521	-1.63794	0.608424	1.13747	1.13747	0.765162	1.07753	1.07753	0.551851	0.860667	-1.16189	0.746672	0.922383	-1.08415	0.00235028	2.88094	2.88094	0.730708	0.91748	-1.08994	0.124045	0.660224	-1.51464	3.42195	3.36761	0.874774	1
cg07678583	L3MBTL;L3MBTL	0.0489411	0.00904776	0.36856	-2.71326	0.135742	0.616494	-1.62207	0.233316	0.686627	-1.4564	0.0754317	0.551304	-1.81388	0.439983	1.26737	1.26737	0.144096	0.62368	-1.60339	0.183905	0.654346	-1.52824	0.00584952	0.337728	-2.96097	0.194957	0.662028	-1.51051	3.41577	4.89669	1.27427	1
cg01071811	L3MBTL;L3MBTL;L3MBTL;L3MBTL	0.000308212	0.00436001	1.52914	1.52914	0.00405844	0.650358	-1.53761	0.40782	0.909905	-1.09902	0.891227	1.01537	1.01537	0.014745	1.39748	1.39748	0.841893	1.02252	1.02252	9.13E-06	2.91647	2.91647	0.272771	1.13574	1.13574	0.0546299	1.2752	1.2752	16.3289	3.21592	0.175063	1
cg27626844	LACE1	0.00763497	0.190374	0.807991	-1.23764	0.29138	0.84508	-1.18332	0.000137053	0.362725	-2.75691	0.368144	0.867518	-1.15271	0.689703	1.06365	1.06365	0.213842	0.817725	-1.2229	0.0883437	0.748946	-1.33521	0.756277	1.04903	1.04903	0.136875	1.27936	1.27936	6.43791	2.41007	0.332761	1
cg27144306	LACE1	0.00851299	0.351415	0.862384	-1.15958	0.00234165	0.519065	-1.92654	0.0506462	0.709057	-1.41032	0.181362	1.2449	1.2449	0.00104248	0.472678	-2.11561	0.630669	1.07765	1.07765	0.37061	1.1525	1.1525	0.532633	1.10249	1.10249	0.154413	0.790303	-1.26534	6.22101	2.34823	0.335527	1
ch.6.2124703F	LACE1	0.0201451	0.00682695	0.714481	-1.39962	0.00365947	0.68588	-1.45798	0.0540602	0.810763	-1.23341	0.0211652	0.766511	-1.30461	0.0108635	0.735773	-1.35912	0.0760045	0.827427	-1.20857	0.577279	0.947413	-1.05551	0.0420385	0.798705	-1.25203	0.11599	0.848828	-1.1781	4.69302	0.684133	0.129579	1
cg23906454	LACE1	0.0308102	0.0798642	0.223161	-4.48108	0.00675771	0.0665671	-15.0224	0.114119	0.265448	-3.76721	0.440286	0.544795	-1.83555	0.0740238	0.215138	-4.64819	0.0762631	0.218249	-4.58192	0.00871549	0.0758282	-13.1877	0.0104513	0.083117	-12.0312	0.033945	0.147997	-6.75688	4.04828	38.1832	8.38395	1
cg15256804	LACE1	0.0360359	0.000853168	0.307404	-3.25305	0.746503	1.07934	1.07934	0.180365	1.39777	1.39777	0.262546	0.759578	-1.31652	0.838592	1.04918	1.04918	0.983749	0.995217	-1.00481	0.670101	0.904043	-1.10614	0.403895	1.2227	1.2227	0.661465	1.1093	1.1093	3.82645	3.35829	0.780135	1
cg18194597	LACE1;LACE1	0.00247447	0.243754	0.713746	-1.40106	0.612423	0.868262	-1.15173	0.48093	0.820293	-1.21908	0.570333	1.17187	1.17187	0.160094	1.51436	1.51436	0.690007	1.11723	1.11723	3.03E-05	0.104813	-9.54078	0.611739	1.15204	1.15204	0.760013	1.08841	1.08841	9.05936	10.9696	1.07632	1
cg19880901	LACRT	2.52E-06	0.154509	0.833787	-1.19935	0.056463	1.2938	1.2938	9.35E-08	0.124948	-8.00331	9.12E-07	0.212031	-4.71629	0.0261518	0.729988	-1.36989	0.140851	0.827846	-1.20795	0.0186039	1.40539	1.40539	0.0309357	0.73919	-1.35283	0.883154	0.982612	-1.0177	57.8916	13.0442	0.200285	1
cg07643942	LACRT	0.000656958	0.000815781	0.193989	-5.15493	0.0133372	0.369272	-2.70803	0.000430568	0.163638	-6.11105	0.000960215	0.202263	-4.94406	0.117355	0.575366	-1.73802	0.127651	0.585495	-1.70796	0.00753271	0.327099	-3.05718	5.25E-05	0.0857822	-11.6574	0.0808495	0.533066	-1.87594	13.2441	22.1518	1.48673	1
cg26218982	LACRT	0.000975219	0.0574578	0.640869	-1.56038	0.169976	1.35345	1.35345	0.00058176	0.33238	-3.00861	0.281704	0.793217	-1.26069	0.797896	0.948252	-1.05457	0.496552	0.8668	-1.15367	0.00641933	2.08373	2.08373	9.76E-05	0.238351	-4.19549	0.183333	0.746522	-1.33955	11.8505	8.0474	0.603623	1
cg10125195	LACRT	0.00231584	0.0019867	0.233044	-4.29103	0.00355574	0.267817	-3.73389	0.00212531	0.23691	-4.221	0.000860735	0.188458	-5.30623	0.0698506	0.508598	-1.96619	0.521624	0.805225	-1.24189	0.0221752	0.400689	-2.4957	0.000696714	0.178142	-5.6135	0.135976	0.585177	-1.70888	9.23738	16.273	1.56591	1
cg07855572	LACRT	0.00444528	0.00488898	0.263024	-3.80194	0.00435762	0.255689	-3.91101	0.0119944	0.325586	-3.07138	0.177906	0.59894	-1.66962	0.0273968	0.392845	-2.54553	0.507188	1.27243	1.27243	0.0676334	0.480449	-2.08139	0.000324778	0.12482	-8.01152	0.0659828	0.47781	-2.09288	7.6059	15.443	1.8048	1
cg07064595	LACTB	7.60E-05	0.000521902	0.628607	-1.59082	0.838025	1.01772	1.01772	0.683108	1.03586	1.03586	3.74E-05	0.506606	-1.97392	0.000733371	0.643758	-1.55338	7.09E-05	0.536962	-1.86233	0.030671	0.80419	-1.24349	0.0348141	0.80966	-1.23509	0.00042806	1.61365	1.61365	23.8189	2.77901	0.103709	1
cg01164202	LACTB2	0.017582	0.808736	0.903355	-1.10698	0.900597	0.948974	-1.05377	0.209053	0.574086	-1.7419	0.0584769	0.408199	-2.44979	0.00449691	0.204468	-4.89074	0.0537738	0.399384	-2.50386	0.0109744	0.262455	-3.81018	0.00833378	0.24336	-4.10914	0.00690958	0.230995	-4.3291	4.91376	13.6708	2.47302	1
cg23053742	LACTB2	0.0460613	0.197203	0.377508	-2.64895	0.0165033	0.123291	-8.11086	0.0206076	0.136343	-7.33447	0.438769	0.568741	-1.75827	0.0382072	0.179687	-5.56524	0.0974164	0.272607	-3.66828	0.0146965	0.116939	-8.5515	0.906087	1.08799	1.08799	0.0271867	0.154407	-6.47641	3.49484	28.2637	7.18867	1
cg23757474	LACTB2;XKR9	0.0120186	0.0397303	0.457795	-2.18438	0.0185683	0.351855	-2.84208	0.0333415	0.432996	-2.30949	0.529857	0.853419	-1.17176	?	?	?	0.00392641	0.163043	-6.13337	0.0740563	0.547012	-1.82811	0.00906575	0.258313	-3.87128	0.00131581	0.0716703	-13.9528	24.2215	16.1598	0.250188	1
cg03092550	LACTB;LACTB	0.00300777	0.358947	0.920726	-1.0861	0.491909	1.06303	1.06303	0.436123	0.9328	-1.07204	0.429503	0.931821	-1.07317	0.194854	1.12757	1.12757	0.112903	0.859776	-1.16309	0.000118331	1.80376	1.80376	0.0116375	0.758722	-1.31801	0.162369	0.877563	-1.13952	8.55158	1.03834	0.107929	1
cg00616135	LACTB;LACTB	0.00468758	0.0258286	1.65213	1.65213	0.00443332	0.486579	-2.05516	0.96027	1.0095	1.0095	0.00598236	1.97709	1.97709	0.350581	1.19994	1.19994	0.0276454	0.610188	-1.63884	0.278867	0.807673	-1.23812	0.0240996	0.600311	-1.6658	0.0309171	1.61726	1.61726	7.4843	4.26617	0.506681	1
cg20033557	LACTB;LACTB	0.0141719	0.392614	1.4783	1.4783	0.00499559	5.25006	5.25006	0.0375263	2.93632	2.93632	0.00823987	0.221284	-4.51908	0.884149	1.06724	1.06724	0.714063	0.848528	-1.17851	0.091624	0.436467	-2.29112	0.166455	1.93192	1.93192	0.129919	0.481826	-2.07544	5.27866	16.6549	2.80457	1
cg16249029	LACTB;LACTB	0.0433319	0.294552	1.19736	1.19736	0.00881297	0.575475	-1.7377	0.933409	1.01394	1.01394	0.0502061	0.690807	-1.44758	0.024324	0.641007	-1.56004	0.70338	1.06544	1.06544	0.234191	1.22952	1.22952	0.883493	1.02459	1.02459	0.198143	1.25276	1.25276	3.5756	1.55459	0.386467	1
cg25808839	LACTB;LACTB;LACTB;LACTB	0.00213684	0.00911583	1.21031	1.21031	0.0039338	0.799678	-1.2505	0.523832	1.03792	1.03792	0.0693486	0.889529	-1.12419	0.00488731	1.23977	1.23977	0.00575541	1.23186	1.23186	0.192845	0.923663	-1.08265	0.108994	1.10596	1.10596	0.0120239	0.834865	-1.1978	9.4575	0.497273	0.0467376	1
cg17863139	LAD1	0.0407775	0.0129933	0.349357	-2.8624	0.0624825	0.489032	-2.04486	0.0319338	0.424147	-2.35767	0.0416329	0.448714	-2.22859	0.0153141	0.36215	-2.76129	0.315421	0.701761	-1.42499	0.0328222	0.426629	-2.34395	0.0442426	0.454532	-2.20006	0.0398673	0.44461	-2.24916	3.65708	6.7423	1.63878	1
cg10191002	LAG3	0.00240868	0.299215	1.37652	1.37652	0.125943	1.63525	1.63525	0.776996	1.088	1.088	0.597161	1.17164	1.17164	0.0411821	2.01298	2.01298	0.00470686	3.05124	3.05124	6.22E-05	8.95131	8.95131	0.00277294	3.40569	3.40569	0.0824598	1.77058	1.77058	9.13142	12.7576	1.24188	1
cg19421125	LAG3	0.00587992	0.0368581	4.42884	4.42884	0.00902321	7.67114	7.67114	0.461189	1.5848	1.5848	0.0370346	4.42077	4.42077	0.00861021	7.81763	7.81763	0.0186113	5.76081	5.76081	0.000980742	20.2554	20.2554	0.00226762	13.754	13.754	0.0111965	7.03564	7.03564	6.98257	41.6628	5.30372	1
cg06157570	LAG3	0.016854	0.848509	0.976108	-1.02448	0.00709673	1.55247	1.55247	0.119275	1.23834	1.23834	0.137388	1.22424	1.22424	0.0212997	0.704712	-1.41902	0.0357915	0.734262	-1.36191	0.833919	1.02691	1.02691	0.0441517	0.746476	-1.33963	0.262915	1.15904	1.15904	4.98384	1.26211	0.225103	1
cg19872463	LAG3	0.03788	0.435275	0.822163	-1.2163	0.0282868	1.89083	1.89083	0.815153	0.944019	-1.0593	0.0318413	0.538573	-1.85676	0.201743	0.717766	-1.39321	0.277219	1.32048	1.32048	0.0851135	1.59728	1.59728	0.0248152	1.92936	1.92936	0.273603	0.755584	-1.32348	3.75748	3.60119	0.851916	1
cg17213699	LAG3	0.0416614	0.0431564	0.520195	-1.92236	0.0479725	1.88721	1.88721	0.683015	0.891065	-1.12225	0.0312426	0.491635	-2.03403	0.596948	0.860781	-1.16174	0.462999	1.23351	1.23351	0.114686	1.6192	1.6192	0.0749653	1.7456	1.7456	0.120125	0.622728	-1.60584	3.62819	4.53475	1.11099	1
cg17508549	LAGE3	0.000835054	0.0277952	3.00641	3.00641	0.280483	1.60777	1.60777	0.329685	1.53081	1.53081	0.012862	3.69689	3.69689	0.160837	0.53046	-1.88516	0.0403784	2.7244	2.7244	0.000139002	16.2219	16.2219	0.000159623	15.3509	15.3509	0.00140506	7.08344	7.08344	12.3816	35.1347	2.52235	1
cg06042004	LAGE3	0.00815879	0.640747	0.624281	-1.60184	0.462048	0.472098	-2.11821	0.797286	1.29439	1.29439	0.543034	1.85372	1.85372	0.35939	0.38879	-2.57209	0.492915	2.00994	2.00994	0.000489734	238.777	238.777	0.00331709	55.0898	55.0898	0.0267051	13.9027	13.9027	6.30501	100.356	14.1484	1
cg26581933	LAGE3	0.00884785	0.894802	1.10911	1.10911	0.686799	0.728122	-1.3734	0.495458	1.71909	1.71909	0.614757	1.48771	1.48771	0.250947	0.39103	-2.55735	0.088265	4.3593	4.3593	0.000627906	61.2543	61.2543	0.00317108	23.4561	23.4561	0.0240665	8.21739	8.21739	6.14551	59.6378	8.62603	1
cg20641280	LAGE3	0.0111206	0.0202266	5.69427	5.69427	0.103996	3.01684	3.01684	0.264625	2.05902	2.05902	0.171146	2.47231	2.47231	0.11436	2.90605	2.90605	0.0513317	3.96794	3.96794	0.000509144	29.1581	29.1581	0.00670222	8.88587	8.88587	0.0157113	6.29079	6.29079	5.71241	34.9103	5.43227	1
cg16170760	LAGE3	0.0117399	0.601219	0.893165	-1.11961	0.0756475	0.654636	-1.52757	0.0334508	0.587198	-1.703	0.0125293	0.514053	-1.94532	0.00202958	0.393633	-2.54043	0.0944706	0.674464	-1.48266	0.0174353	1.85914	1.85914	0.511976	0.867189	-1.15315	0.304218	0.796142	-1.25606	5.61323	4.08092	0.646239	1
cg26419091	LAGE3	0.0248306	0.317159	0.679514	-1.47164	0.00283144	0.215217	-4.64646	0.383513	0.716131	-1.39639	0.0914566	0.499343	-2.00263	0.00194564	0.194457	-5.14253	0.280535	0.657624	-1.52062	0.326084	0.684644	-1.46061	0.473462	1.31314	1.31314	0.471009	0.76034	-1.3152	4.36754	9.65743	1.96549	1
cg25410279	LAGE3;LAGE3	0.00331185	0.397237	0.598761	-1.67012	0.183649	2.30397	2.30397	0.435937	1.60044	1.60044	0.0116303	6.46315	6.46315	0.984734	1.01138	1.01138	0.80833	0.866064	-1.15465	0.0305005	4.50106	4.50106	0.000138272	49.2938	49.2938	0.00275517	11.5185	11.5185	8.30989	46.0742	4.92844	1
cg20117742	LAIR1;LAIR1	0.00259391	0.00359	0.178836	-5.5917	0.384421	0.677559	-1.47589	0.00779854	0.225167	-4.44115	0.00338458	0.175641	-5.69344	0.00261491	0.162148	-6.16722	0.0406346	0.356368	-2.80609	0.000359229	0.0821951	-12.1662	0.00373309	0.18098	-5.52547	0.0384709	0.351117	-2.84805	8.93446	26.9588	2.68213	1
cg22545168	LAIR1;LAIR1	0.00481656	0.00141794	0.158966	-6.29065	0.770265	1.12368	1.12368	0.0364649	0.379792	-2.63302	0.116364	0.506882	-1.97285	0.00107536	0.146126	-6.8434	0.774953	0.892125	-1.12092	0.00408693	0.215578	-4.63868	0.00453172	0.221786	-4.50885	0.125325	0.516526	-1.93601	7.42272	18.642	2.23242	1
cg21878746	LAIR1;LAIR1	0.00810357	0.0486587	0.078511	-12.7371	0.0215243	0.0441703	-22.6397	0.0140536	0.032521	-30.7493	0.0981202	0.128732	-7.7681	0.000955833	0.00384531	-260.057	0.0655558	0.0967884	-10.3318	0.00145707	0.00554385	-180.38	0.0414935	0.0702082	-14.2433	0.0351085	0.0624313	-16.0176	6.31851	127.762	17.9736	1
cg01515802	LAIR1;LAIR1	0.0214986	0.0587619	0.0558221	-17.9141	0.39279	0.306254	-3.26526	0.0334293	0.0347566	-28.7715	0.637736	0.526715	-1.89856	0.023291	0.0256056	-39.0539	0.213127	0.169949	-5.88411	0.00060555	0.000788072	-1268.92	0.157653	0.129734	-7.7081	0.117046	0.100118	-9.98818	4.59006	132.824	25.7221	1
cg23672828	LAIR1;LAIR1	0.0300086	0.275626	0.564375	-1.77187	0.831505	0.898103	-1.11346	0.109447	0.41467	-2.41155	0.0242839	0.25812	-3.87417	0.0176066	0.233001	-4.29183	0.0260264	0.263841	-3.79016	0.00185994	0.107827	-9.27408	0.198834	0.504175	-1.98344	0.373211	0.630605	-1.58578	4.08642	16.4649	3.58149	1
cg24147838	LAIR1;LAIR1;LAIR1;LAIR1	0.00257814	0.00191767	0.16387	-6.10238	0.277717	0.628305	-1.59158	0.00835952	0.249739	-4.00418	0.0074628	0.242131	-4.12999	0.00340644	0.194236	-5.14839	0.0196955	0.313556	-3.18923	0.000227457	0.0802586	-12.4597	0.0274137	0.341578	-2.92759	0.0137037	0.285099	-3.50755	8.95054	24.0272	2.38617	1
cg17713010	LAIR1;LAIR1;LAIR1;LAIR1	0.0152744	0.0033476	0.249239	-4.01222	0.789147	0.910948	-1.09776	0.0500808	0.459591	-2.17585	0.0577979	0.474049	-2.10949	0.0846978	0.515032	-1.94163	0.0556553	0.470193	-2.12679	0.001017	0.18346	-5.45078	0.11955	0.555558	-1.79999	0.0907917	0.522905	-1.91239	5.14971	9.87635	1.70475	1
cg06238491	LAIR1;LAIR1;LAIR1;LAIR1	0.0328022	0.0239109	0.444602	-2.2492	0.958814	1.01565	1.01565	0.0086222	0.365146	-2.73863	0.260709	0.702687	-1.42311	0.00727431	0.352991	-2.83293	0.903989	0.964354	-1.03696	0.119828	0.601928	-1.66133	0.953058	0.982449	-1.01786	0.0162081	0.412902	-2.42189	3.95859	5.67227	1.27369	1
cg23352067	LAIR2;LAIR2	4.58E-05	0.298042	0.862532	-1.15938	0.000863786	0.503786	-1.98497	0.345411	0.875275	-1.1425	0.829487	0.970867	-1.03001	5.61E-06	0.24557	-4.07216	0.002749	1.76204	1.76204	0.0757065	1.3113	1.3113	1.81E-05	0.301349	-3.31841	0.0326732	0.709879	-1.40869	27.2517	8.11137	0.264574	1
cg10648815	LAIR2;LAIR2	0.0051241	0.530556	1.2329	1.2329	0.000185065	0.124788	-8.0136	0.0461557	0.470979	-2.12324	0.0758266	0.521424	-1.91783	0.00740627	0.320795	-3.11726	0.488262	0.792911	-1.26117	0.3662	1.3579	1.3579	0.24266	0.668346	-1.49623	0.0217249	0.403342	-2.47928	7.28383	12.5287	1.52895	1
cg25588792	LAIR2;LAIR2	0.0100233	0.0322926	0.101707	-9.83216	0.00738808	0.0429779	-23.2677	0.0103023	0.0524709	-19.0582	0.152501	0.247268	-4.0442	0.0106082	0.0533908	-18.7298	0.199756	0.290796	-3.43884	0.000945387	0.0111635	-89.5778	0.914512	0.906734	-1.10286	0.0293186	0.0962672	-10.3878	5.90622	77.7625	11.7033	1
cg15255329	LAIR2;LAIR2	0.0160526	0.373136	0.653328	-1.53063	0.00431401	0.16921	-5.90983	0.010053	0.220348	-4.53828	0.224269	0.551911	-1.81189	0.00621292	0.189958	-5.26433	0.178841	0.514308	-1.94436	0.00286236	0.148014	-6.75614	0.266753	0.583498	-1.7138	0.0986675	0.430382	-2.32352	5.06546	17.3904	3.05167	1
cg01807649	LAIR2;LAIR2	0.0206474	0.0150515	0.224896	-4.44649	0.301509	0.58593	-1.70669	?	?	?	0.174326	0.485975	-2.05772	0.0081569	0.184363	-5.42408	0.0797453	0.378699	-2.64062	0.00362155	0.139988	-7.14348	0.0165343	0.231732	-4.31534	0.162027	0.474467	-2.10763	4.73789	16.6328	3.51058	1
cg10007134	LAIR2;LAIR2	0.0322212	0.103756	0.353428	-2.82943	0.198266	0.451628	-2.21421	0.0304262	0.225987	-4.42503	0.18369	0.438411	-2.28097	0.00307867	0.0936039	-10.6833	0.0840175	0.327031	-3.05781	0.00538776	0.117428	-8.51584	0.450339	0.637839	-1.56779	0.0830621	0.325664	-3.07065	3.98404	21.5661	4.81167	1
cg19547155	LAIR2;LAIR2	0.0388965	0.00778677	0.0988866	-10.1126	0.0246892	0.167214	-5.98035	0.0734627	0.267084	-3.74415	0.254113	0.45858	-2.18065	0.0166861	0.140557	-7.11457	0.681675	0.764572	-1.30792	0.0128635	0.12494	-8.00387	0.852673	1.12854	1.12854	0.0772033	0.272781	-3.66594	4.06725	26.6701	5.10011	1
cg24532610	LALBA	0.0006275	0.000326572	0.0341643	-29.2703	0.0239636	0.208842	-4.7883	0.0166871	0.182832	-5.46951	0.135006	0.391838	-2.55207	0.134734	0.391543	-2.554	0.000928447	0.0564172	-17.7251	0.000139555	0.0218077	-45.8553	0.000517051	0.0428656	-23.3288	0.000930256	0.0564674	-17.7093	13.415	71.8369	4.75996	1
cg01726767	LALBA	0.00147477	0.000135721	0.101984	-9.80545	0.0377866	0.434917	-2.29929	0.00218654	0.226462	-4.41575	0.000913481	0.180281	-5.54688	0.00340745	0.252693	-3.95737	0.0225412	0.388992	-2.57074	0.781224	0.908262	-1.101	0.128629	0.566878	-1.76405	0.00527125	0.280442	-3.5658	10.5309	19.9226	1.68162	1
cg25953788	LALBA	0.00698992	0.000641217	0.0779784	-12.8241	0.0776999	0.384935	-2.59784	0.0510957	0.339019	-2.94968	0.0200856	0.255231	-3.91802	0.0305992	0.290271	-3.44506	0.0106272	0.209262	-4.7787	0.00410051	0.153349	-6.52106	0.0197659	0.253974	-3.93741	0.0133854	0.225037	-4.44372	6.61809	24.8488	3.33749	1
cg14960489	LALBA	0.0320607	0.00342423	0.546848	-1.82866	0.246607	0.832019	-1.2019	0.0146167	0.633575	-1.57834	0.881648	0.977642	-1.02287	0.499549	0.901197	-1.10964	0.0278434	0.673987	-1.48371	0.0391788	0.696119	-1.43654	0.12822	0.779124	-1.28349	0.0256628	0.668783	-1.49525	3.99117	1.45626	0.324329	1
cg06511678	LAMA1	4.03E-05	0.00815663	1.7944	1.7944	0.0787515	1.4009	1.4009	0.0486019	0.677752	-1.47546	0.00494369	0.525847	-1.9017	9.67E-05	0.302008	-3.31117	0.0476333	1.47865	1.47865	1.46E-05	0.211014	-4.73903	0.000121344	3.18702	3.18702	0.124652	1.3325	1.3325	28.1848	13.3092	0.419744	1
cg22455914	LAMA1	0.000559934	0.000410342	0.351758	-2.84287	0.983424	1.00275	1.00275	0.0436062	1.40093	1.40093	0.00127225	0.441112	-2.267	0.729471	1.04702	1.04702	0.000147134	0.273648	-3.65433	0.000750275	2.50487	2.50487	0.905893	0.984504	-1.01574	0.332326	1.14427	1.14427	34.6519	8.77782	0.14073	1
cg18998321	LAMA1	0.00144173	0.305395	0.683715	-1.4626	0.0761028	2.02809	2.02809	0.652793	1.17614	1.17614	0.469281	0.768157	-1.30182	0.00122894	0.183878	-5.4384	0.731852	0.884062	-1.13114	9.54E-05	0.0829998	-12.0482	0.0567851	2.16498	2.16498	0.127916	1.80335	1.80335	10.5997	21.5464	1.80688	1
cg12627371	LAMA1	0.00844502	0.86993	1.0269	1.0269	0.874681	1.02589	1.02589	0.240756	1.22006	1.22006	0.272902	0.831266	-1.20298	0.321043	0.847011	-1.18062	0.0349186	1.489	1.489	0.000209227	0.366211	-2.73066	0.470296	0.887849	-1.12632	0.865899	0.972999	-1.02775	6.23679	2.59079	0.369248	1
cg19909349	LAMA1	0.00962432	0.0589417	0.613628	-1.62965	0.00466372	2.36659	2.36659	0.0496149	0.598778	-1.67007	0.280654	0.773548	-1.29274	0.0201006	0.526198	-1.90043	0.131377	0.688707	-1.452	0.00386722	0.410216	-2.43774	0.709029	1.08962	1.08962	0.290449	0.777862	-1.28558	5.98334	4.96821	0.73808	1
cg05836043	LAMA1	0.0100331	0.00566152	0.248676	-4.0213	0.0946609	0.494516	-2.02218	0.279006	0.649552	-1.53952	0.690204	1.166	1.166	0.000727494	0.139512	-7.16783	0.055574	0.435336	-2.29708	0.00691269	0.261806	-3.81962	0.948467	0.975527	-1.02509	0.0873481	0.48503	-2.06173	5.90438	13.7419	2.06881	1
cg14950072	LAMA1	0.0164029	0.192008	0.801683	-1.24738	0.0178163	1.58572	1.58572	0.319111	0.84807	-1.17915	0.385138	0.86718	-1.15316	0.174781	0.793736	-1.25986	0.11583	1.31464	1.31464	0.00148714	0.480268	-2.08217	0.472242	1.12415	1.12415	0.312842	0.846126	-1.18186	5.02917	2.04037	0.360628	1
cg16433258	LAMA1	0.0180255	0.451524	0.877978	-1.13898	0.196154	0.79304	-1.26097	0.00266423	0.494196	-2.02349	0.620114	0.918722	-1.08847	0.718114	0.940354	-1.06343	0.0334277	0.655973	-1.52445	0.00617782	1.83284	1.83284	0.8345	1.03613	1.03613	0.619941	0.918683	-1.08851	4.87281	2.22117	0.405183	1
cg03159124	LAMA1	0.0220832	0.938155	1.01591	1.01591	0.00160679	2.51065	2.51065	0.361582	1.21024	1.21024	0.703187	0.925066	-1.081	0.421153	0.846027	-1.182	0.785831	0.94609	-1.05698	0.0210232	0.568481	-1.75907	0.0691235	1.51254	1.51254	0.373005	0.830209	-1.20452	4.54805	2.98191	0.582798	1
cg11907607	LAMA1	0.0399098	0.153009	1.40778	1.40778	0.554484	0.874926	-1.14295	0.0616343	0.624712	-1.60074	0.188506	1.36532	1.36532	0.117581	1.46208	1.46208	0.987737	0.996571	-1.00344	0.00237367	2.57812	2.57812	0.788763	0.941752	-1.06185	0.968065	1.00899	1.00899	3.6862	2.91596	0.703153	1
cg02815025	LAMA1	0.04493	0.673807	1.25315	1.25315	0.0968999	0.378605	-2.64127	0.518409	1.41761	1.41761	0.486207	1.4581	1.4581	0.0216748	0.230084	-4.34625	0.226035	1.96916	1.96916	0.031031	0.259387	-3.85525	0.372443	1.62917	1.62917	0.019791	0.223152	-4.48125	3.52758	15.8727	3.99963	1
cg03691722	LAMA1	0.0450263	0.081744	0.544016	-1.83818	0.254705	0.687072	-1.45545	0.0822028	0.544618	-1.83615	0.0245667	0.429512	-2.32822	0.00270477	0.270433	-3.69777	0.93193	1.02733	1.02733	0.998	0.999209	-1.00079	0.721293	0.89311	-1.11968	0.0503813	0.494664	-2.02158	3.52475	5.55997	1.40214	1
cg19625507	LAMA2;LAMA2	0.000279528	0.000178886	0.582107	-1.7179	9.74E-05	1.80508	1.80508	0.136547	1.14655	1.14655	0.730925	0.970996	-1.02987	0.0168576	0.779892	-1.28223	0.268208	0.90635	-1.10333	0.414094	0.93129	-1.07378	0.00437217	0.722845	-1.38342	0.0021423	0.692357	-1.44434	16.7712	1.93091	0.10234	1
cg24493834	LAMA2;LAMA2	0.000652343	0.0232591	0.569957	-1.75452	0.761143	0.938758	-1.06524	0.530978	1.1406	1.1406	0.110102	1.43473	1.43473	0.0908563	0.679694	-1.47125	0.000281517	0.292112	-3.42334	0.000309227	3.36536	3.36536	0.00513594	2.15155	2.15155	0.0737193	1.5117	1.5117	13.2703	9.03032	0.604882	1
cg15801019	LAMA2;LAMA2	0.003098	0.241467	0.761417	-1.31334	0.00481325	2.29694	2.29694	0.32524	0.797858	-1.25336	0.186905	0.732711	-1.36479	0.00194531	0.377453	-2.64934	0.0181024	0.528278	-1.89294	0.449839	1.18671	1.18671	0.00262334	2.52454	2.52454	0.283533	0.780599	-1.28107	8.47679	6.63496	0.695752	1
cg20237610	LAMA2;LAMA2	0.00554098	0.0615644	0.616075	-1.62318	0.0924315	1.5311	1.5311	0.507082	1.16745	1.16745	0.0337611	0.565377	-1.76873	0.000517106	0.287665	-3.47627	0.775154	0.936247	-1.06809	0.0887576	1.5401	1.5401	0.0427069	1.71025	1.71025	0.124153	0.681821	-1.46666	7.11132	5.95927	0.744886	1
cg00130947	LAMA2;LAMA2	0.00820364	0.00743474	0.304581	-3.2832	0.0152634	0.357968	-2.79355	0.00346835	0.254562	-3.92832	0.0202515	0.380842	-2.62576	0.0167603	0.365409	-2.73666	0.00405244	0.264268	-3.78404	0.00775498	0.307536	-3.25165	0.417524	0.751486	-1.3307	0.0153876	0.358608	-2.78856	6.29412	11.8541	1.6741	1
cg26011314	LAMA2;LAMA2	0.009321	0.637511	1.10148	1.10148	0.0832966	0.676746	-1.47766	0.0657827	0.65674	-1.52267	0.216446	0.767286	-1.30329	0.872759	0.967885	-1.03318	0.00116976	0.37893	-2.63901	0.000878402	0.362103	-2.76165	0.579943	1.12059	1.12059	0.347631	0.821237	-1.21768	6.04469	3.97075	0.583911	1
cg27120934	LAMA2;LAMA2	0.010434	0.927269	1.02419	1.02419	0.000290196	0.212797	-4.69931	0.00796017	0.410344	-2.43698	0.377352	0.788859	-1.26765	0.0558178	0.567057	-1.76349	0.785943	0.931207	-1.07388	0.94367	1.01867	1.01867	0.591559	0.867778	-1.15237	0.0521231	0.560777	-1.78324	5.83073	6.33044	0.96507	1
cg00334550	LAMA2;LAMA2	0.0161134	0.082534	0.730978	-1.36803	0.00140749	0.470711	-2.12445	0.263502	0.826997	-1.20919	0.350698	0.855105	-1.16945	0.0341934	1.49588	1.49588	0.147844	0.776454	-1.28791	0.067799	1.39568	1.39568	0.651957	0.928679	-1.0768	0.305115	0.84109	-1.18893	5.05909	2.12783	0.373863	1
cg03553382	LAMA2;LAMA2	0.0200333	0.100072	1.27731	1.27731	0.00796556	0.629987	-1.58733	0.00587961	0.612859	-1.6317	0.0543083	0.743327	-1.3453	0.686076	0.946302	-1.05674	0.100847	1.27646	1.27646	0.0904336	0.776146	-1.28842	0.573402	0.925632	-1.08034	0.363261	0.880806	-1.13532	4.7019	1.37394	0.259741	1
cg10264354	LAMA2;LAMA2	0.0303572	0.887576	0.949002	-1.05374	0.0998999	0.513154	-1.94873	0.0420504	0.420269	-2.37943	0.637707	0.839019	-1.19187	0.00167295	0.189556	-5.27549	0.621948	0.832002	-1.20192	0.0083373	0.287188	-3.48204	0.882143	1.05643	1.05643	0.331713	0.690332	-1.44858	4.06968	8.82594	1.92774	1
cg27439042	LAMA2;LAMA2	0.0307756	0.24026	0.651777	-1.53427	0.869787	0.944484	-1.05878	0.848128	1.06902	1.06902	0.137667	0.573172	-1.74468	0.00379134	0.256756	-3.89475	0.127329	0.563255	-1.77539	0.0863918	1.93382	1.93382	0.0217109	0.383154	-2.60992	0.0547625	0.468395	-2.13495	4.0499	7.774	1.70627	1
cg21537798	LAMA2;LAMA2	0.0384132	0.971474	1.01682	1.01682	0.978676	0.987612	-1.01254	0.778243	0.876628	-1.14074	0.83081	0.905025	-1.10494	0.00235038	0.138108	-7.2407	0.59287	1.28623	1.28623	0.0108351	0.224831	-4.44778	0.729587	1.17568	1.17568	0.0658746	0.38194	-2.61821	3.73831	12.8786	3.06225	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17255005	LAMA2;LAMA2	0.041445	0.918278	1.02454	1.02454	0.606578	1.13054	1.13054	0.0063994	0.4326	-2.3116	0.972144	0.991786	-1.00828	0.769971	1.07171	1.07171
cg00481457	LAMA3;LAMA3	0.00452314	0.964788	0.987305	-1.01286	0.00194791	3.55413	3.55413	0.00459318	0.33559	-2.97983	0.00858928	0.379054	-2.63815	0.03126	0.481248	-2.07793
cg13270625	LAMA3;LAMA3;LAMA3;LAMA3	0.00131502	0.884081	1.0177	1.0177	0.000675155	0.535188	-1.8685	0.0127848	0.689391	-1.45056	0.897527	1.01562	1.01562	0.386244	1.11273	1.11273
cg03634729	LAMA3;LAMA3;LAMA3;LAMA3	0.00202536	0.764344	0.957282	-1.04462	0.0573679	0.731865	-1.36637	0.0895453	0.761996	-1.31234	0.809581	1.03568	1.03568	0.150706	1.25064	1.25064
cg00710229	LAMA3;LAMA3;LAMA3;LAMA3	0.00233992	0.768264	0.944391	-1.05888	0.800789	1.05018	1.05018	0.000758542	0.372156	-2.68705	0.467193	1.15403	1.15403	0.000466667	0.344564	-2.90222
cg01152726	LAMA3;LAMA3;LAMA3;LAMA3	0.00472518	0.592089	0.910116	-1.09876	0.000588648	2.52087	2.52087	0.0174363	1.65531	1.65531	0.44016	0.871897	-1.14692	0.024593	1.5939	1.5939
cg20937934	LAMA3;LAMA3;LAMA3;LAMA3	0.00507897	0.226895	0.728698	-1.37231	0.391868	0.80345	-1.24463	0.00247251	0.350006	-2.8571	0.0841654	0.620853	-1.61069	0.0117615	2.19239	2.19239
cg06475223	LAMA3;LAMA3;LAMA3;LAMA3	0.00750564	0.0124564	0.381403	-2.6219	0.0028209	0.279386	-3.57928	0.00140765	0.23853	-4.19235	0.151018	0.620638	-1.61124	0.00356277	0.294038	-3.40092
cg23931049	LAMA3;LAMA3;LAMA3;LAMA3	0.0169801	0.434908	0.815569	-1.22614	0.582075	0.867414	-1.15285	0.000677556	0.264621	-3.77899	0.216319	0.71681	-1.39507	0.0174503	0.47687	-2.09701
cg06345856	LAMA4;LAMA4;LAMA4	0.00134119	0.0288274	1.89214	1.89214	0.00200533	2.94095	2.94095	0.516735	1.17661	1.17661	0.0387824	1.80756	1.80756	0.0156642	0.480507	-2.08113
cg12188410	LAMA4;LAMA4;LAMA4	0.00928868	0.0129298	0.243718	-4.10311	0.00148177	0.122721	-8.14854	0.0475143	0.354478	-2.82105	0.168463	0.510972	-1.95705	0.00620861	0.195449	-5.11643
cg04204246	LAMA4;LAMA4;LAMA4	0.0141804	0.0312809	0.352794	-2.83452	0.010924	0.267864	-3.73323	0.0436893	0.384365	-2.60169	0.0280104	0.342902	-2.91628	0.0159091	0.295968	-3.37874
cg23082393	LAMA4;LAMA4;LAMA4	0.015536	0.00721834	1.9529	1.9529	0.00760275	1.93994	1.93994	0.022395	1.69585	1.69585	0.114357	1.39311	1.39311	0.0555246	1.52031	1.52031
cg05512869	LAMA4;LAMA4;LAMA4	0.0316398	0.74317	0.884517	-1.13056	0.0717271	0.472163	-2.11791	0.0810141	0.485758	-2.05864	0.147758	0.560112	-1.78536	0.0015843	0.184054	-5.43319
cg08191490	LAMA4;LAMA4;LAMA4	0.0408849	0.591029	1.15662	1.15662	0.0040258	0.354732	-2.81903	0.0230256	0.482287	-2.07346	0.0379877	0.524501	-1.90657	0.583327	1.1602	1.1602
cg09105802	LAMA4;LAMA4;LAMA4;LAMA4;LAMA4	0.00130806	0.0862242	0.741586	-1.34846	0.356388	1.16138	1.16138	0.341314	0.856717	-1.16725	0.0193008	0.639981	-1.56255	0.0308662	0.670444	-1.49155
cg03055693	LAMA5	0.000233013	0.00263248	0.356535	-2.80477	4.31E-05	0.145995	-6.84957	0.00239576	0.350597	-2.85227	0.0220588	0.506544	-1.97416	6.50E-05	0.162531	-6.15268
cg24588859	LAMA5	0.00031093	0.00704529	0.33356	-2.99796	0.000194726	0.138654	-7.2122	0.0157191	0.393336	-2.54236	0.847384	1.06261	1.06261	0.000244396	0.147944	-6.75932
cg26236922	LAMA5	0.00171419	0.00291724	0.524306	-1.90728	0.166233	0.792104	-1.26246	0.00978574	0.597102	-1.67476	0.586476	1.09058	1.09058	4.81E-05	0.298822	-3.34647
cg13894250	LAMA5	0.00423301	0.642357	1.24137	1.24137	0.0263783	3.3783	3.3783	0.128639	2.13665	2.13665	0.948717	1.03018	1.03018	0.000114356	0.0437255	-22.8699
cg06026331	LAMA5	0.0103441	0.350403	0.771335	-1.29645	0.00518853	0.369136	-2.70903	0.00322593	0.337725	-2.96099	0.273942	1.36005	1.36005	0.0456504	0.538478	-1.85709
cg15193198	LAMA5	0.0113003	0.380785	0.915579	-1.09221	0.255837	1.12342	1.12342	0.00513191	0.6958	-1.43719	0.65789	1.04469	1.04469	0.219841	0.881109	-1.13493
cg01572549	LAMA5	0.0288371	0.402521	0.846595	-1.1812	0.0013851	0.4061	-2.46245	0.48317	1.14858	1.14858	0.993051	0.998309	-1.00169	0.0746313	0.679754	-1.47112
cg23251868	LAMA5	0.0406356	0.0943307	0.757232	-1.3206	0.0188156	0.650297	-1.53776	0.0362319	0.691972	-1.44514	0.287072	0.846078	-1.18192	0.0174681	0.645678	-1.54876
cg18668449	LAMA5	0.0421882	0.752107	0.891449	-1.12177	0.893875	1.04959	1.04959	0.363796	1.40274	1.40274	0.888593	1.05214	1.05214	0.791617	0.908444	-1.10078
cg15782228	LAMA5	0.0453406	0.0690107	0.163665	-6.11004	0.808156	0.805427	-1.24158	0.819665	0.81618	-1.22522	0.116491	0.219331	-4.55933	0.0232496	0.0895657	-11.165
cg17038902	LAMA5	0.0485018	0.583492	0.819244	-1.22064	0.282879	1.49446	1.49446	0.143007	1.76261	1.76261	0.640131	1.18476	1.18476	0.00187989	0.204514	-4.88963
cg09675604	LAMB1	0.000215984	0.00267947	0.593069	-1.68614	0.949249	0.99202	-1.00804	0.00685584	0.643554	-1.55387	4.81E-05	0.381751	-2.61951	0.00010385	0.421474	-2.37263
cg17806482	LAMB1	0.000362081	0.0011307	0.322721	-3.09865	0.00113453	3.09674	3.09674	0.00052807	3.57708	3.57708	0.412088	1.21893	1.21893	0.0032641	0.388027	-2.57714
cg20438043	LAMB1	0.00216105	0.0511847	0.553698	-1.80604	0.000336607	0.214618	-4.65944	0.00232133	0.322255	-3.10314	0.335243	0.767559	-1.30283	0.297711	0.750222	-1.33294
cg09284719	LAMB1	0.00638442	0.414371	1.16752	1.16752	0.0905366	0.707391	-1.41365	0.0148284	0.573262	-1.7444	0.901774	1.02318	1.02318	0.216277	0.785423	-1.2732
cg26448609	LAMB1	0.0158986	0.00748883	0.202022	-4.94995	0.0750646	0.398146	-2.51164	0.0312789	0.309166	-3.23451	?	?	?	0.0014175	0.116989	-8.5478
cg15600176	LAMB1	0.0197529	0.0117657	0.201034	-4.97429	0.0634237	0.344986	-2.89867	0.150084	0.45536	-2.19606	0.0444736	0.308303	-3.24356	0.0148517	0.216999	-4.60831
cg03041510	LAMB1	0.0269344	0.00748943	0.199583	-5.01044	0.568706	1.30952	1.30952	0.111776	0.444537	-2.24953	0.0109898	0.224558	-4.45319	0.0878885	0.414063	-2.41509
cg04744624	LAMB1	0.0318546	0.204346	1.9445	1.9445	0.00302471	7.52157	7.52157	0.700793	1.21129	1.21129	0.918167	1.05235	1.05235	0.662311	0.803984	-1.24381
cg00471159	LAMB1	0.032412	0.0228639	5.50103	5.50103	0.0113338	7.28091	7.28091	0.889986	1.09052	1.09052	0.219983	2.24234	2.24234	0.545527	0.681783	-1.46674
cg16190388	LAMB1	0.0420396	0.0232326	0.270802	-3.69273	0.0809675	2.53897	2.53897	0.696957	1.20738	1.20738	0.127977	2.2087	2.2087	0.135828	0.461165	-2.16842
cg03732535	LAMB2	0.00687071	0.0767068	1.39365	1.39365	0.363429	1.17055	1.17055	0.0912413	1.36834	1.36834	0.224412	1.24005	1.24005	0.106907	1.34547	1.34547
cg02954987	LAMB2	0.0325968	0.530525	1.23376	1.23376	0.0313127	0.433799	-2.30522	0.215594	1.53867	1.53867	0.559684	1.21533	1.21533	0.0822844	0.52919	-1.88968
cg01919208	LAMB2;LAMB2	0.00352284	0.00268753	2.52574	2.52574	0.943969	0.984424	-1.01582	0.00290256	2.49496	2.49496	0.0231835	1.83351	1.83351	0.0122371	2.00791	2.00791
cg09220167	LAMB2;USP19	0.014389	0.470065	0.66917	-1.49439	0.00867516	6.22568	6.22568	0.722246	1.21543	1.21543	0.264571	0.529601	-1.88821	0.00696892	0.148371	-6.73987
cg23181311	LAMB2L	0.0150957	0.140779	0.431131	-2.31948	0.00163262	0.0910491	-10.9831	0.0280097	0.251968	-3.96875	0.183588	0.472727	-2.11538	0.00516461	0.140726	-7.106
cg12622520	LAMB2L	0.0207809	0.240935	1.28165	1.28165	0.0459754	0.629815	-1.58777	0.006609	0.490296	-2.03958	0.155591	1.35954	1.35954	0.282208	1.25344	1.25344
cg05482119	LAMB2L	0.0213268	0.0145822	0.130104	-7.68616	0.00512944	0.0815578	-12.2612	0.0437791	0.207806	-4.81219	0.171976	0.373183	-2.67965	0.0168183	0.13839	-7.22596
cg19939969	LAMB3;LAMB3;LAMB3	0.00011548	0.00026517	0.386212	-2.58925	0.151533	0.783436	-1.27643	0.000652864	0.436074	-2.29319	0.0090363	0.590322	-1.69399	8.72E-06	0.215698	-4.6361
cg05812804	LAMB3;LAMB3;LAMB3	0.00397069	0.00136999	0.382035	-2.61756	0.405094	0.838207	-1.19302	0.00116371	0.372303	-2.68598	0.00274737	0.424764	-2.35425	0.102954	0.691001	-1.44718
cg07168232	LAMB3;LAMB3;LAMB3	0.00463433	0.00670029	0.348474	-2.86965	0.13248	0.614696	-1.62682	0.001848	0.265783	-3.76247	0.00123616	0.242775	-4.11904	0.650936	0.872374	-1.1463
cg22789976	LAMB3;LAMB3;LAMB3	0.0118746	0.0841509	0.525655	-1.90239	0.0160468	0.370875	-2.69632	0.00671762	0.306347	-3.26427	0.739757	0.893869	-1.11873	0.00288559	0.251808	-3.97128
cg26294229	LAMB3;LAMB3;LAMB3	0.0321841	0.0269168	0.306174	-3.26612	0.0616235	0.38642	-2.58786	0.133995	0.481948	-2.07491	0.0623909	0.387766	-2.57888	0.0103929	0.232816	-4.29524
cg04873061	LAMB3;LAMB3;LAMB3	0.0342179	0.0108916	0.274764	-3.63948	0.156724	0.542176	-1.84442	0.0312642	0.360136	-2.77673	0.502968	0.75978	-1.31617	0.026821	0.346461	-2.88632
cg21170029	LAMB3;LAMB3;LAMB3	0.0407144	0.0618262	0.325726	-3.07007	0.130147	0.418156	-2.39145	0.172031	0.460547	-2.17133	0.0748711	0.347118	-2.88087	0.00775829	0.161449	-6.19391
cg03977657	LAMB3;LAMB3;LAMB3;LAMB3	0.010437	0.0419085	0.617759	-1.61876	0.251563	1.27899	1.27899	0.921253	1.02052	1.02052	0.550313	1.13218	1.13218	0.000937896	0.362747	-2.75674
cg26533764	LAMB3;LAMB3;LAMB3;LAMB3	0.0201237	0.22096	0.766209	-1.30513	0.535651	0.878255	-1.13862	0.264958	1.27182	1.27182	0.624689	1.10743	1.10743	0.000834108	0.353179	-2.83143
cg05962710	LAMB4	0.000185445	0.000716526	0.481828	-2.07543	0.0305264	1.41153	1.41153	0.00323303	0.571975	-1.74833	0.0463945	1.3608	1.3608	1.39E-05	0.256311	-3.90152
cg05364691	LAMB4	0.00229302	0.000529727	0.349233	-2.86342	0.200606	1.30151	1.30151	0.669026	0.919587	-1.08744	0.43831	1.16662	1.16662	0.00103797	0.387957	-2.5776
cg10002668	LAMB4	0.00477207	0.104401	0.426283	-2.34586	0.562127	0.754632	-1.32515	0.00720815	0.189039	-5.28991	0.27328	0.578312	-1.72917	0.00121187	0.102728	-9.73448
cg16190209	LAMB4	0.00537226	0.412179	0.816585	-1.22461	0.104007	0.650801	-1.53657	0.00401665	0.392949	-2.54486	0.000330933	0.246474	-4.05723	0.631545	0.889798	-1.12385
cg19471856	LAMB4	0.00544406	0.0082027	0.382612	-2.61361	0.14669	0.642452	-1.55654	0.0939858	0.592707	-1.68717	0.00158846	0.275941	-3.62396	0.035055	0.497807	-2.00881
cg12064677	LAMB4	0.00907397	0.724453	0.885205	-1.12968	0.0699371	0.497511	-2.01	0.00876141	0.316546	-3.1591	0.0356539	0.430674	-2.32194	0.00489038	0.27666	-3.61454
cg27093949	LAMB4	0.0122437	0.0260221	0.591071	-1.69185	0.42826	0.851314	-1.17465	0.0810634	0.680455	-1.46961	0.000532902	0.341922	-2.92464	0.0146429	0.549775	-1.81893
cg17022169	LAMB4	0.0291038	0.00793183	0.208236	-4.80225	0.6316	0.800397	-1.24938	0.0171074	0.261974	-3.81717	0.836793	1.09973	1.09973	0.689128	0.830828	-1.20362
cg17428593	LAMB4	0.0342537	0.00218262	0.681392	-1.46758	0.578898	0.951199	-1.05131	0.810724	1.02164	1.02164	0.955476	1.005	1.005	0.0979624	0.850435	-1.17587
cg18929251	LAMB4	0.0460235	0.00650659	0.269674	-3.70818	0.253288	0.642655	-1.55604	0.105899	0.519708	-1.92416	0.203192	0.60788	-1.64506	0.00634223	0.267964	-3.73185
cg04081218	LAMC1	0.000469784	6.17E-05	0.34082	-2.9341	0.023492	0.674238	-1.48316	0.00112056	0.497125	-2.01156	0.00898196	0.616322	-1.62253	0.000131964	0.380562	-2.62769
ch.1.3577855R	LAMC1	0.00089297	0.000640306	0.114712	-8.71747	0.00742877	0.240627	-4.15582	0.0237847	0.328004	-3.04874	0.00027019	0.0847721	-11.7963	0.000286161	0.0865673	-11.5517
cg22809683	LAMC1	0.00143451	0.00478278	0.381352	-2.62225	0.109268	1.56757	1.56757	0.0187695	0.480461	-2.08134	0.0058603	0.395158	-2.53063	0.020374	0.486921	-2.05372
cg13468797	LAMC1	0.00575808	0.248678	0.688723	-1.45196	0.212491	1.50096	1.50096	0.604792	1.17522	1.17522	0.403133	0.767519	-1.3029	0.000706203	0.202633	-4.93503
cg06850099	LAMC1	0.0159344	0.0801585	0.449054	-2.2269	0.0100016	0.261529	-3.82367	0.00962268	0.25882	-3.86369	0.408995	1.41662	1.41662	0.00621066	0.229606	-4.35529
cg20317417	LAMC1	0.0177482	0.09755	1.25128	1.25128	0.000861982	0.539628	-1.85313	0.623055	0.94074	-1.06299	0.406454	1.1104	1.1104	0.227651	1.16901	1.16901
cg12689670	LAMC1	0.0297079	0.0247855	0.286766	-3.48716	0.0588064	0.368756	-2.71182	0.104119	0.435815	-2.29455	0.017144	0.257207	-3.88792	0.0500614	0.351916	-2.84159
cg15528052	LAMC1	0.0440647	0.0623987	0.766464	-1.30469	0.349024	0.884926	-1.13004	0.891374	1.01748	1.01748	0.306053	0.874256	-1.14383	0.118013	0.806352	-1.24015
cg06883736	LAMC1;LAMC1	0.048755	0.0535628	0.527243	-1.89666	0.928765	0.974231	-1.02645	0.00354326	0.315352	-3.17106	0.679312	1.12905	1.12905	0.486987	1.229	1.229
cg21451930	LAMC2;LAMC2	0.00317624	0.189156	0.654405	-1.52811	0.636298	1.15628	1.15628	0.0465563	0.49916	-2.00337	0.441241	0.78711	-1.27047	3.37E-05	0.086328	-11.5837
cg00696930	LAMC2;LAMC2	0.00803509	0.00584998	0.16053	-6.22936	0.0448163	0.311102	-3.21438	0.0205485	0.243007	-4.11511	0.0228041	0.251229	-3.98043	0.823983	0.8932	-1.11957
cg05366923	LAMC2;LAMC2	0.0312807	0.136692	1.65044	1.65044	0.142479	1.63671	1.63671	0.381892	1.32348	1.32348	0.555184	1.20503	1.20503	0.324955	1.3739	1.3739
cg14420230	LAMC2;LAMC2	0.0345709	0.149608	1.31806	1.31806	0.784344	0.952148	-1.05026	0.40413	0.858478	-1.16485	0.994904	1.00114	1.00114	0.359806	0.845105	-1.18329
cg00208830	LAMC2;LAMC2	0.034593	0.0237956	0.179575	-5.56872	0.156007	0.380599	-2.62744	0.0511584	0.243281	-4.11048	0.18885	0.412279	-2.42554	0.00242211	0.0680223	-14.7011
cg23696949	LAMC2;LAMC2	0.0351134	0.0313503	3.85863	3.85863	0.0132637	5.16079	5.16079	0.139882	2.3381	2.3381	0.403966	1.57874	1.57874	0.14977	2.28352	2.28352
cg08905629	LAMC2;LAMC2	0.0389139	0.0232241	0.258981	-3.86129	0.776342	0.867772	-1.15238	0.204271	0.5132	-1.94856	0.026892	0.27112	-3.68841	0.00508539	0.158196	-6.32129
cg26964989	LAMC3	4.11E-05	0.0177682	0.749907	-1.3335	0.000109232	1.97477	1.97477	0.317179	0.901902	-1.10877	0.0250869	0.766379	-1.30484	0.000113314	0.508196	-1.96775
cg05074517	LAMC3	0.00017403	0.761262	0.950216	-1.05239	0.0450921	0.680247	-1.47005	0.0077288	0.563605	-1.77429	0.295017	1.1996	1.1996	7.04E-05	0.296619	-3.37133
cg14091920	LAMC3	0.00134845	0.0313313	0.570493	-1.75287	0.20197	1.34904	1.34904	0.00206988	0.38144	-2.62165	0.247162	0.764224	-1.30852	0.0167672	0.52273	-1.91303
cg01899805	LAMC3	0.00256713	0.0800399	1.14396	1.14396	0.00327122	0.757601	-1.31996	0.208058	1.09627	1.09627	0.00253171	1.33673	1.33673	0.43053	1.0573	1.0573
cg14616345	LAMC3	0.0126114	0.0300711	0.545204	-1.83417	0.796508	0.940409	-1.06337	0.00106457	0.316582	-3.15874	0.0934279	0.644871	-1.5507	0.00794191	0.445193	-2.24622
cg26491484	LAMC3	0.0177342	0.0486617	1.54671	1.54671	0.0143824	1.79379	1.79379	0.324461	1.21783	1.21783	0.479371	0.87	-1.14942	0.0258993	1.66897	1.66897
cg20882571	LAMP1	1.50E-06	6.50E-07	0.302955	-3.30082	0.000147418	0.563464	-1.77473	0.884129	1.0129	1.0129	0.90097	1.011	1.011	6.61E-08	0.201517	-4.96237
cg15623795	LAMP1	6.89E-05	0.0427273	0.776284	-1.28819	0.00665161	0.682279	-1.46568	0.00224175	1.59128	1.59128	0.90797	1.01263	1.01263	0.148669	0.845216	-1.18313
cg09181103	LAMP1	9.54E-05	0.341475	0.837533	-1.19398	0.134874	1.33851	1.33851	0.000137178	0.30333	-3.29674	0.0118218	1.76573	1.76573	2.07E-05	0.211428	-4.72974
cg13804476	LAMP1	9.75E-05	4.13E-05	0.311747	-3.20773	0.452223	1.12101	1.12101	0.0546029	0.722379	-1.38432	2.77E-05	0.291829	-3.42667	0.0139156	0.635614	-1.57328
cg12385383	LAMP1	0.000259997	0.320919	0.945861	-1.05724	0.833267	0.988624	-1.01151	9.20E-05	1.46085	1.46085	0.972396	0.998124	-1.00188	0.0505233	1.12857	1.12857
cg04505897	LAMP1	0.0010198	0.74746	1.08005	1.08005	0.315217	1.28088	1.28088	0.000677054	0.289807	-3.45058	0.00346599	0.388334	-2.5751	0.532997	0.860262	-1.16244
cg20319142	LAMP1	0.00107675	0.0467425	0.673523	-1.48473	0.0489964	1.47721	1.47721	0.879578	0.974027	-1.02667	0.401722	1.16065	1.16065	?	?	?
cg25408055	LAMP1	0.00127801	0.123086	1.43535	1.43535	0.000103347	0.226276	-4.41939	0.00350609	0.424542	-2.35548	0.638134	1.10792	1.10792	0.185427	1.355	1.355
cg10464775	LAMP1	0.00316378	0.0104802	0.215823	-4.63343	0.0300416	0.296835	-3.36888	0.00245396	0.134598	-7.42951	0.667722	0.814206	-1.22819	0.00024107	0.0555051	-18.0164
cg06773306	LAMP1	0.00388054	0.0333134	1.48536	1.48536	0.481678	0.892477	-1.12048	0.108258	0.756767	-1.32141	0.84802	1.03099	1.03099	0.00136349	0.477449	-2.09446
cg22205573	LAMP1	0.00851617	0.292531	0.900794	-1.11013	0.134381	0.856894	-1.16701	0.33392	1.10004	1.10004	0.00871016	0.726287	-1.37687	0.00860286	0.72572	-1.37794
cg24826645	LAMP1	0.0138395	0.0482284	0.830907	-1.2035	0.00616955	1.3406	1.3406	0.0243063	1.24643	1.24643	0.0111157	0.770122	-1.2985	0.511968	1.05609	1.05609
cg20928950	LAMP1	0.0198513	0.839743	1.04901	1.04901	0.611204	0.88591	-1.12878	0.000771529	0.300312	-3.32988	0.914513	0.974946	-1.0257	0.0115925	0.474378	-2.10803
cg01330448	LAMP1	0.0209804	0.794327	1.07488	1.07488	0.0296519	0.492846	-2.02903	0.50038	0.827742	-1.20811	0.685157	1.11925	1.11925	0.000757337	0.243868	-4.10057
cg27300804	LAMP1	0.0264624	0.0345687	0.363761	-2.74906	0.0844133	0.456897	-2.18868	0.36468	0.682344	-1.46554	0.0146862	0.291543	-3.43002	0.00190479	0.164514	-6.07851
cg04139567	LAMP1	0.0267246	0.0859736	0.393515	-2.5412	0.115668	0.431457	-2.31773	0.171001	0.488455	-2.04727	0.0142395	0.226238	-4.42013	0.00134353	0.101256	-9.87594
cg00979026	LAMP1	0.0301592	0.243964	0.658748	-1.51803	0.035536	0.432587	-2.31167	0.957294	0.98183	-1.01851	0.0121417	0.342861	-2.91663	0.00207513	0.226619	-4.4127
cg14131555	LAMP1	0.0316224	0.0861191	0.778223	-1.28498	0.187785	1.2027	1.2027	0.198835	1.19665	1.19665	0.0490749	0.742997	-1.3459	0.327335	0.874854	-1.14305
cg27055601	LAMP1	0.0421269	0.474985	1.24442	1.24442	0.715873	1.11631	1.11631	0.00424188	3.16471	3.16471	0.479499	0.80544	-1.24156	0.8625	1.05356	1.05356
cg20048245	LAMP1	0.0457068	0.0683808	1.69198	1.69198	0.0290163	0.51514	-1.94122	0.0230282	0.49626	-2.01507	0.479798	1.20339	1.20339	0.049875	1.77973	1.77973
cg16946767	LAMP2;LAMP2;LAMP2	0.00168489	0.0105921	0.3234	-3.09215	0.00115505	0.186999	-5.34763	0.217005	0.633726	-1.57797	0.198918	1.61074	1.61074	0.000252268	0.120154	-8.32263
cg02733596	LAMP2;LAMP2;LAMP2	0.00255185	0.00430829	0.364356	-2.74457	0.198476	0.698044	-1.43257	0.00829413	0.409528	-2.44184	0.102958	0.623824	-1.60302	0.000106936	0.163971	-6.09864
cg24615528	LAMP3	0.000136185	0.486294	1.20055	1.20055	0.868334	0.958038	-1.0438	0.0804926	1.65021	1.65021	0.915983	1.02764	1.02764	0.737713	1.09072	1.09072
cg07334977	LAMP3	0.0007275	0.110354	0.738946	-1.35328	0.0145041	1.68817	1.68817	0.820125	1.04039	1.04039	0.00577423	1.87545	1.87545	0.0834621	0.71668	-1.39532
cg19825758	LAMP3	0.00210283	0.402949	1.12426	1.12426	0.308604	0.865712	-1.15512	0.535194	1.08973	1.08973	0.116819	0.792029	-1.26258	0.904589	1.01654	1.01654
cg04119852	LAMP3	0.0035303	0.00492001	0.204793	-4.88297	0.0207651	0.305803	-3.27008	0.0808408	0.43867	-2.27962	0.616178	1.24001	1.24001	0.00685401	0.225279	-4.43893
cg18030943	LAMP3	0.0173387	0.0107968	0.2527	-3.95726	0.00787838	0.231223	-4.32483	0.00559269	0.209518	-4.77285	0.0729076	0.423443	-2.36159	0.860939	1.07823	1.07823
cg01698108	LAMP3;LAMP3	0.000359769	0.141013	0.546786	-1.82887	0.00038684	8.65907	8.65907	0.0103922	3.423	3.423	0.685571	1.1679	1.1679	0.178951	1.72361	1.72361
cg07614486	LANCL1;LANCL1;CPS1;LANCL1;LANCL1;LANCL1	0.0425226	0.0289128	0.620131	-1.61256	0.569796	0.898928	-1.11244	0.0985208	0.714564	-1.39945	0.0089212	1.85365	1.85365	0.416066	0.857107	-1.16672
cg21846876	LANCL1;LANCL1;LANCL1;CPS1;LANCL1;LANCL1	0.0239509	0.0486025	0.641961	-1.55773	0.00956284	0.518496	-1.92866	0.13768	1.36558	1.36558	0.134671	1.36945	1.36945	?	?	?
cg13313339	LANCL2	0.00115639	0.401676	1.07695	1.07695	0.0869045	0.849352	-1.17737	0.00591225	0.732727	-1.36477	0.00224911	1.44679	1.44679	0.291195	0.909744	-1.09921
cg10141271	LANCL2	0.00717755	0.00246298	0.506266	-1.97525	0.000954032	2.21618	2.21618	0.0495144	1.43659	1.43659	0.245227	1.21711	1.21711	0.916703	0.983231	-1.01706
cg11850943	LANCL2	0.0196226	0.148348	0.509057	-1.96442	0.185643	0.5427	-1.84264	0.0830947	0.433616	-2.30619	0.899513	0.946469	-1.05656	0.0126963	0.259541	-3.85295
cg21369466	LANCL2	0.0300882	0.0239776	0.25037	-3.99408	0.0253312	0.254847	-3.92392	0.134327	0.435965	-2.29376	0.294104	1.74992	1.74992	0.0175171	0.226105	-4.42272
cg04696059	LANCL3;LANCL3	0.00439303	0.00571545	0.273931	-3.65055	0.0492776	0.448482	-2.22974	0.324837	0.695374	-1.43807	0.378534	1.38104	1.38104	0.00506175	0.265975	-3.75976
cg21386527	LANCL3;LANCL3	0.00643685	0.74025	1.15569	1.15569	0.997558	1.00133	1.00133	0.174459	0.533513	-1.87437	0.374948	1.48597	1.48597	0.00559619	0.205503	-4.86611
cg14052945	LANCL3;LANCL3	0.00685988	0.39709	0.722374	-1.38432	0.915646	0.961043	-1.04054	0.0535321	0.439398	-2.27584	0.406979	0.727503	-1.37456	0.00019888	0.0959784	-10.419
cg13630855	LANCL3;LANCL3	0.0094915	0.945178	1.02164	1.02164	0.0109222	0.369866	-2.70368	0.328043	0.730291	-1.36932	0.0114058	0.373118	-2.68011	0.0506273	0.499855	-2.00058
cg00598235	LAP3	0.00226345	0.0010806	0.368694	-2.71228	0.288659	0.796333	-1.25576	0.0179954	0.551973	-1.81168	0.0673354	0.654521	-1.52784	0.000670328	0.340982	-2.9327
cg17409288	LAP3	0.0155163	0.0282597	0.723633	-1.38192	0.00279506	1.67292	1.67292	0.0950627	0.79527	-1.25743	0.596202	0.935397	-1.06906	0.0296501	0.72635	-1.37675
cg22109262	LAP3	0.0196406	0.584894	1.11148	1.11148	0.00239659	0.444574	-2.24935	0.0699297	0.678213	-1.47446	0.668724	1.08598	1.08598	0.241728	1.26464	1.26464
cg17953136	LAPTM4A	0.00435955	0.995513	0.997732	-1.00227	0.452008	0.73394	-1.36251	0.00142044	0.155069	-6.44874	0.720604	1.15602	1.15602	0.00816839	0.254981	-3.92187
cg19484160	LAPTM4A	0.0218645	0.521572	1.1413	1.1413	0.758652	0.939225	-1.06471	0.128487	1.39693	1.39693	0.260373	1.26978	1.26978	0.264114	1.26721	1.26721
cg21273088	LAPTM4A	0.0259834	0.789514	1.02838	1.02838	0.0203919	0.746463	-1.33965	0.00644447	0.690293	-1.44866	0.0849877	0.819343	-1.22049	0.867302	1.01765	1.01765
cg10383839	LAPTM4A	0.0296068	0.502457	1.08429	1.08429	0.219994	1.16572	1.16572	0.0795176	1.26037	1.26037	0.344826	0.890752	-1.12265	0.4621	1.09309	1.09309
cg23850377	LAPTM4A;LAPTM4A	0.0304481	0.11038	0.709469	-1.4095	0.00841776	1.94233	1.94233	0.173547	1.33064	1.33064	0.71143	1.07606	1.07606	0.336794	1.21576	1.21576
cg07673230	LAPTM4B	0.00770248	0.00628673	0.101128	-9.88849	0.00978089	0.12211	-8.18934	0.00813755	0.112966	-8.85226	0.189864	0.409081	-2.4445	0.010104	0.123791	-8.07816
cg07744648	LAPTM4B	0.0145245	0.273073	0.701338	-1.42585	0.00173963	0.249388	-4.00981	0.00871661	0.353639	-2.82774	0.114781	0.586609	-1.70471	0.632775	0.860947	-1.16151
cg18331249	LAPTM4B	0.0145513	0.00424175	1.58023	1.58023	0.00549708	1.54707	1.54707	0.986502	0.99798	-1.00202	0.00375529	1.59628	1.59628	0.0557524	1.29578	1.29578
cg19726712	LAPTM4B	0.046514	0.0722682	0.180793	-5.53118	0.20066	0.315854	-3.16602	0.468088	0.53286	-1.87667	0.216329	0.329776	-3.03236	0.0251652	0.103272	-9.68317
cg20544357	LAPTM4B;LAPTM4B	0.00148048	0.0323285	1.15155	1.15155	0.00267416	1.26336	1.26336	0.0476699	1.136	1.136	0.0637374	1.12452	1.12452	0.0122982	1.1919	1.1919
cg17418085	LAPTM5	0.00980192	0.0820615	0.570962	-1.75143	0.74249	1.10066	1.10066	0.0144111	0.415905	-2.40439	0.00589634	0.350635	-2.85196	0.966843	0.987981	-1.01217
cg18221336	LAPTM5	0.0155726	0.931882	1.01962	1.01962	0.0639777	1.60512	1.60512	0.0276017	0.553183	-1.80772	0.825997	0.951188	-1.05132	0.0013178	0.345655	-2.89306
cg22034203	LAPTM5	0.0184296	0.3118	1.19718	1.19718	0.0322555	0.649672	-1.53924	0.128696	0.753963	-1.32633	0.113689	1.3445	1.3445	0.00939481	1.76188	1.76188

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17255005	0.10537	0.658425	-1.51878	0.252722	0.754137	-1.32602	0.113776	1.50142	1.50142	0.0115803	0.47444	-2.10775	3.6352	3.21204	0.785418	1
cg00481457	0.0675123	1.8091	1.8091	0.627801	1.15188	1.15188	0.0981491	0.591539	-1.69051	0.657206	0.878746	-1.13799	7.56594	10.0366	1.17915	1
cg13270625	0.0119653	1.45804	1.45804	0.000504997	1.9228	1.9228	0.035724	0.74534	-1.34167	0.788497	1.03286	1.03286	10.8832	2.49292	0.20361	1
cg03634729	0.609316	1.07772	1.07772	4.88E-05	3.03053	3.03053	0.0456062	1.39494	1.39494	0.0697239	1.3425	1.3425	9.60657	3.20821	0.296853	1
cg00710229	0.0563306	1.51963	1.51963	0.021654	1.7056	1.7056	0.648726	1.09287	1.09287	0.287623	1.23836	1.23836	9.2094	5.46929	0.527895	1
cg01152726	0.514392	0.891246	-1.12202	0.00250344	2.07763	2.07763	0.362154	1.17716	1.17716	0.179237	0.78002	-1.28202	7.46613	3.58551	0.426877	1
cg20937934	0.301761	1.30591	1.30591	0.0031723	2.73317	2.73317	0.112416	1.53901	1.53901	0.23217	0.731553	-1.36695	7.30355	7.19869	0.876126	1
cg06475223	0.0252017	0.438188	-2.28213	0.245344	0.686146	-1.45742	0.0138544	0.389584	-2.56684	0.293869	0.713553	-1.40144	6.47248	9.84969	1.35269	1
cg23931049	0.202018	0.708414	-1.4116	0.676709	0.898253	-1.11327	0.100475	1.58479	1.58479	0.576533	1.15532	1.15532	4.97143	5.15597	0.921885	1
cg06345856	0.545193	0.859438	-1.16355	0.0207431	0.502166	-1.99137	0.000204697	4.66201	4.66201	0.819751	0.9451	-1.05809	10.8219	10.4901	0.861631	1
cg12188410	0.088532	0.423284	-2.36248	0.00346529	0.162736	-6.14494	0.581745	1.28987	1.28987	0.348004	0.642693	-1.55595	6.05137	20.0631	2.94708	1
cg04204246	0.0258314	0.335808	-2.97789	0.00193937	0.163965	-6.09888	0.552412	0.780479	-1.28126	0.0167882	0.30018	-3.33133	5.27762	14.2119	2.39366	1
cg23082393	0.0388239	1.58694	1.58694	0.00309893	2.18423	2.18423	0.0212651	1.70656	1.70656	0.0560483	1.51859	1.51859	5.1208	3.02248	0.524654	1
cg05512869	0.74033	0.883264	-1.13216	0.0275774	0.378173	-2.64429	0.319385	1.46822	1.46822	0.165246	0.57555	-1.73747	4.01008	8.8468	1.96101	1
cg08191490	0.770548	1.08161	1.08161	0.370605	1.27969	1.27969	0.78071	1.07773	1.07773	0.729533	1.09757	1.09757	3.65353	4.16336	1.01293	1
cg09105802	0.0196589	0.641156	-1.55968	1.93E-05	0.254577	-3.92808	0.842525	1.03187	1.03187	0.166213	0.792279	-1.26218	10.8998	4.29405	0.350185	1
cg03055693	0.000292487	0.231683	-4.31625	0.0007059	0.278369	-3.59235	0.095806	0.635604	-1.57331	0.003719	0.378779	-2.64006	17.6245	17.1299	0.863944	1
cg24588859	0.000250282	0.148939	-6.71414	0.000141491	0.126239	-7.92151	0.0548513	0.5034	-1.98649	0.00099028	0.213836	-4.67649	16.2897	25.6322	1.39868	1
cg26236922	0.847508	0.970064	-1.03086	0.279991	1.19399	1.19399	0.150437	0.784005	-1.2755	0.0913742	0.74564	-1.34113	10.0835	3.98042	0.350885	1
cg13894250	0.651841	1.23366	1.23366	0.147615	0.487601	-2.05086	0.782944	0.880146	-1.13618	0.23957	0.565896	-1.76711	7.71941	26.1303	3.0089	1
cg06026331	0.954575	1.01551	1.01551	0.0151575	2.23876	2.23876	0.684354	0.895472	-1.11673	0.145364	0.655498	-1.52556	5.84693	6.75691	1.02723	1
cg15193198	0.748651	0.968952	-1.03204	0.00102135	1.61247	1.61247	0.362701	0.912303	-1.09613	0.344026	0.908802	-1.10035	5.68294	0.866321	0.135504	1
cg01572549	0.0118534	0.542981	-1.84169	0.475423	0.868426	-1.15151	0.776914	0.946279	-1.05677	0.56855	1.11854	1.11854	4.14448	2.48015	0.531931	1
cg23251868	0.0202294	0.654819	-1.52714	0.00849907	0.601771	-1.66176	0.181152	0.806813	-1.23944	0.127111	0.779208	-1.28335	3.66179	1.32593	0.321865	1
cg18668449	0.737117	0.885001	-1.12994	0.000635199	0.149135	-6.70535	0.823695	0.922271	-1.08428	0.40647	0.734952	-1.36063	3.61133	7.52096	1.8512	1
cg15782228	0.0515401	0.139265	-7.18054	0.00375785	0.0308246	-32.4416	0.0429252	0.125884	-7.94383	0.129031	0.232447	-4.30206	3.51558	44.0555	11.1391	1
cg17038902	0.962137	1.01724	1.01724	0.283777	1.49326	1.49326	0.539364	1.25076	1.25076	0.37888	1.38411	1.38411	3.42746	7.03766	1.82517	1
cg09675604	0.000718469	0.523088	-1.91172	0.000172864	0.448052	-2.23188	0.0114428	0.671439	-1.48934	0.0018563	0.57349	-1.74371	17.9918	4.51495	0.223062	1
cg17806482	0.483475	1.18306	1.18306	0.0447939	1.72241	1.72241	0.00121091	3.06037	3.06037	0.130644	0.680223	-1.47011	15.6228	13.788	0.784493	1
cg20438043	0.190818	1.44594	1.44594	0.2862	1.34292	1.34292	0.679752	1.11684	1.11684	0.000892953	0.265962	-3.75993	9.42641	10.5804	0.997709	1
cg09284719	0.613666	1.0991	1.0991	0.000139908	0.295009	-3.38972	0.633572	1.09324	1.09324	0.409506	0.855071	-1.16949	6.80714	3.71461	0.485061	1
cg26448609	0.127077	0.464588	-2.15244	0.938541	1.03647	1.03647	0.486567	0.720048	-1.3888	0.0375023	0.325831	-3.06907	5.17739	15.7318	3.03855	1
cg15600176	0.032511	0.279145	-3.58237	0.00412824	0.140701	-7.10726	0.538149	1.37412	1.37412	0.0288078	0.268607	-3.72291	4.72447	19.4521	3.65983	1
cg03041510	0.679484	0.823257	-1.21469	0.0102117	0.21959	-4.55395	0.356205	0.641314	-1.5593	0.018674	0.263292	-3.79807	4.24528	14.7336	3.08497	1
cg04744624	0.0372615	3.32131	3.32131	0.0145585	4.45523	4.45523	0.0357919	3.36285	3.36285	0.682572	0.815344	-1.22648	4.00039	15.6172	3.47014	1
cg00471159	0.031873	4.82936	4.82936	0.0107052	7.45184	7.45184	0.020964	5.69252	5.69252	0.34378	1.84159	1.84159	3.97562	24.6846	5.51909	1
cg16190388	0.56289	1.32534	1.32534	0.846744	0.911033	-1.09765	0.872592	1.08035	1.08035	0.00884639	0.200947	-4.97643	3.61606	13.2796	3.26435	1
cg03732535	0.166669	0.779894	-1.28223	0.000667819	0.415671	-2.40575	0.186644	0.78977	-1.26619	0.0279365	1.54944	1.54944	6.65366	2.99528	0.400151	1
cg02954987	0.0214179	0.400965	-2.49398	0.0876697	0.536187	-1.86502	0.0186583	0.389573	-2.56691	0.190821	1.58087	1.58087	3.96753	6.86876	1.53889	1
cg01919208	0.856779	0.960454	-1.04117	0.0747524	0.641896	-1.55788	0.020758	1.86224	1.86224	0.00189068	2.67396	2.67396	8.1579	6.44541	0.702295	1
cg09220167	0.303642	0.55856	-1.79032	0.00565559	0.137414	-7.27728	0.506522	1.44544	1.44544	0.120587	0.398395	-2.51007	5.2523	24.8563	4.20662	1
cg23181311	0.115827	0.403448	-2.47864	0.00836835	0.167098	-5.98451	0.0525207	0.310142	-3.22433	0.0434156	0.29127	-3.43324	5.16981	23.0913	3.97028	1
cg12622520	0.339021	1.22044	1.22044	0.200607	0.760897	-1.31424	0.463214	0.859903	-1.16292	0.00796653	0.502779	-1.98894	4.64362	3.0051	0.57524	1
cg05482119	0.0859717	0.276286	-3.61944	0.00822266	0.101076	-9.8935	0.0230263	0.158345	-6.31534	0.0545011	0.22788	-4.38827	4.60268	33.5025	6.47015	1
cg19939969	0.0224243	0.647631	-1.54409	0.208192	1.23461	1.23461	9.47E-05	0.331348	-3.01797	0.00441785	0.546906	-1.82847	21.3033	8.51164	0.355151	1
cg05812804	0.425894	0.844967	-1.18348	0.00301415	0.430608	-2.3223	0.283148	0.793704	-1.25992	0.00572817	0.472137	-2.11803	7.86992	5.35048	0.604324	1
cg07168232	0.101911	0.584684	-1.71033	0.0051737	0.330712	-3.02378	0.663298	0.876944	-1.14032	0.0026537	0.287591	-3.47716	7.51034	10.688	1.26498	1
cg22789976	0.0203483	0.390169	-2.56299	0.945371	0.977201	-1.02333	0.00393964	0.271056	-3.68927	0.709902	0.881827	-1.13401	5.59252	10.0329	1.59466	1
cg26294229	0.0771828	0.411699	-2.42896	0.00911152	0.22394	-4.46548	0.00954827	0.227067	-4.40399	0.176024	0.522165	-1.91511	3.98568	12.8769	2.87182	1
cg04873061	0.883025	1.06131	1.06131	0.843904	1.08293	1.08293	0.00868374	0.258793	-3.86409	0.0292363	0.354094	-2.82411	3.89884	10.0854	2.29934	1
cg21170029	0.135177	0.423622	-2.36059	0.010585	0.180011	-5.55521	0.0118491	0.18718	-5.34246	0.100304	0.382802	-2.61232	3.65917	16.4848	4.00449	1
cg03977657	0.441253	1.17506	1.17506	0.0109907	1.92598	1.92598	0.172791	0.742271	-1.34722	0.491329	0.866241	-1.15441	5.83019	3.89658	0.594085	1
cg26533764	0.910558	0.977011	-1.02353	0.0505107	1.58609	1.58609	0.417385	0.842381	-1.18711	0.114834	0.701253	-1.42602	4.69472	3.18486	0.603016	1
cg05962710	0.669556	1.05843	1.05843	0.935705	0.989393	-1.01072	0.00519472	1.66539	1.66539	0.0178254	0.675188	-1.48107	24.0702	6.5192	0.210654	1
cg05364691	0.914723	0.979335	-1.0211	0.0011658	0.394804	-2.5329	0.624965	0.90843	-1.1008	0.0217813	0.584635	-1.71047	9.26424	5.57573	0.534982	1
cg10002668	0.0346653	0.306389	-3.26382	0.000374685	0.0650709	-15.3679	0.833584	0.903879	-1.10634	0.0190163	0.255691	-3.91096	7.44373	27.1998	3.24805	1
cg16190209	0.00844461	0.44365	-2.25403	0.0947513	1.55856	1.55856	0.510744	0.851114	-1.17493	0.305478	0.773816	-1.2923	7.17913	6.63996	0.822131	1
cg19471856	0.114157	0.613771	-1.62927	0.00131801	0.265128	-3.77177	0.00192734	0.287414	-3.4793	0.0176467	0.440454	-2.27039	7.14996	9.13653	1.13586	1
cg12064677	0.00179828	0.216563	-4.61759	0.00410611	0.265432	-3.76745	0.915109	0.963932	-1.03742	0.0614744	0.483938	-2.06638	6.09651	11.4603	1.67094	1
cg27093949	0.945284	0.986431	-1.01376	0.0842294	0.683712	-1.4626	0.700526	1.07996	1.07996	0.430713	1.17361	1.17361	5.53723	3.47436	0.557738	1
cg17022169	0.0341876	0.320141	-3.12363	0.00323697	0.157078	-6.36626	0.293668	0.605301	-1.65207	0.47603	0.716045	-1.39656	4.13101	13.8975	2.99039	1
cg17428593	0.0278425	1.2611	1.2611	0.492087	1.06425	1.06425	0.783837	1.02484	1.02484	0.334024	0.914918	-1.09299	3.89737	0.491618	0.112125	1
cg18929251	0.297749	0.670308	-1.49185	0.102978	0.516311	-1.93682	0.36449	1.41245	1.41245	0.859187	0.936311	-1.06802	3.49592	7.60362	1.93333	1
cg04081218	0.340611	0.866706	-1.15379	0.325762	1.15928	1.15928	0.24352	0.837146	-1.19454	0.00228573	0.537259	-1.8613	14.5396	4.88631	0.298728	1
ch.1.3577855R	0.0197093	0.312339	-3.20165	0.00250199	0.176388	-5.66931	0.00226964	0.17133	-5.83669	0.00909313	0.254277	-3.93272	12.1496	32.8443	2.40295	1
cg22809683	0.1285	0.655125	-1.52643	0.00118249	0.293926	-3.40221	0.864799	0.95708	-1.04485	0.000151445	0.18756	-5.33164	10.615	11.1403	0.932874	1
cg13468797	0.857444	0.945911	-1.05718	0.000498341	0.185507	-5.39064	0.716228	0.89324	-1.11952	0.997127	1.00111	1.00111	7.02777	10.6455	1.34646	1
cg06850099	0.0756965	0.442474	-2.26002	0.0268264	0.339037	-2.94953	0.402844	0.702523	-1.42344	0.00992664	0.261	-3.83142	5.07793	13.6791	2.39452	1
cg20317417	0.631259	1.06144	1.06144	0.0265404	0.723091	-1.38295	0.716841	0.956082	-1.04594	0.981698	1.00283	1.00283	4.89826	1.17952	0.214047	1
cg12689670	0.0399716	0.329657	-3.03346	0.00473887	0.173176	-5.77447	0.0676222	0.384043	-2.60388	0.022516	0.278791	-3.58692	4.10105	14.1909	3.07582	1
cg15528052	0.252553	1.16364	1.16364	0.00240743	0.585046	-1.70927	0.737351	0.958217	-1.0436	0.224076	1.17581	1.17581	3.55332	0.904919	0.226372	1
cg06883736	0.858032	0.949064	-1.05367	0.0559989	0.531513	-1.88142	0.588844	1.17272	1.17272	0.220417	1.45669	1.45669	3.42071	4.61835	1.2001	1
cg21451930	0.208146	0.667289	-1.4986	0.275851	0.707834	-1.41276	0.0603065	0.524226	-1.90757	0.197736	0.660328	-1.5144	8.41411	12.383	1.30818	1
cg00696930	0.0378565	0.294994	-3.3899	0.00084687	0.0785896	-12.7243	0.167932	0.474696	-2.10661	0.00443709	0.145901	-6.85397	6.33542	25.7921	3.61875	1
cg05366923	0.0402789	2.09687	2.09687	0.00129958	4.32291	4.32291	0.0300134	2.22042	2.22042	0.0235075	2.32918	2.32918	4.02646	6.22811	1.37493	1
cg14420230	0.85438	0.967693	-1.03339	0.000906087	2.42838	2.42838	0.140327	1.32785	1.32785	0.373685	1.17731	1.17731	3.88442	1.96571	0.449821	1
cg00208830	0.0934818	0.309066	-3.23556	0.0324137	0.203092	-4.92387	0.16146	0.386066	-2.59023	0.0288892	0.194015	-5.15424	3.88353	24.9173	5.70324	1
cg23696949	0.121511	2.45378	2.45378	0.00712808	6.41327	6.41327	0.0104769	5.59974	5.59974	0.0397406	3.56575	3.56575	3.86261	17.4909	4.02511	1
cg08905629	0.158768	0.472344	-2.1171	0.0574225	0.342963	-2.91577	0.55662	0.743741	-1.34455	0.0143546	0.222466	-4.49508	3.7206	14.6106	3.49063	1
cg26964989	0.00944422	0.720022	-1.38885	4.33E-06	0.346952	-2.88225	0.0930368	0.831512	-1.20263	0.00310268	0.667632	-1.49783	28.0376	4.42749	0.140367	1
cg05074517	1.09E-05	0.207725	-4.81406	0.0580623	1.43188	1.43188	0.986264	1.00289	1.00289	0.382064	1.1621	1.1621	19.0762	8.48445	0.395348	1
cg14091920	0.149711	1.40947	1.40947	5.56E-05	0.189039	-5.28991	0.965317	0.990384	-1.00971	0.0768368	0.645802	-1.54846	10.8052	8.45057	0.695185	1
cg01899805	0.00372161	0.76236	-1.31172	0.0287586	1.19555	1.19555	0.046738	1.17078	1.17078	0.184426	0.907113	-1.1024	8.96184	0.680613	0.0675072	1
cg14616345	0.0663732	0.612905	-1.63157	0.0121943	0.475878	-2.10138	0.0226953	0.52282	-1.9127	0.0582657	0.60121	-1.66331	5.48417	4.90993	0.795814	1
cg26491484	0.0123637	1.82791	1.82791	0.00174206	2.37402	2.37402	0.114417	1.39451	1.39451	0.26657	1.2513	1.2513	4.89956	2.91061	0.528049	1
cg20882571	0.00044775	0.61469	-1.62683	0.0202258	1.27904	1.27904	0.607841	1.04654	1.04654	0.166484	0.878396	-1.13844	66.1689	8.09479	0.108742	1
cg15623795	0.0630034	1.25489	1.25489	1.36E-06	0.261667	-3.82165	0.723859	1.03926	1.03926	0.857907	0.980732	-1.01965	24.4556	4.56477	0.165916	1
cg09181103	0.0415154	1.52983	1.52983	0.000441696	2.72807	2.72807	0.258215	1.23787	1.23787	0.162858	1.30924	1.30924	22.4226	11.6184	0.460584	1
cg13804476	0.0368393	0.696515	-1.43572	0.00339837	1.81106	1.81106	0.00278619	1.84945	1.84945	0.357852	0.868463	-1.15146	22.2881	7.85272	0.313181	1
cg12385383	0.00902273	0.835135	-1.19741	0.289422	0.942065	-1.0615	0.00060827	1.33206	1.33206	8.99E-05	1.46263	1.46263	17.1061	0.798038	0.0414686	1
cg04505897	0.000901504	0.306023	-3.26773	0.000586923	0.281882	-3.54759	0.824868	0.948541	-1.05425	0.00111183	0.318182	-3.14286	11.7013	10.5302	0.799925	1
cg20319142	3.17E-05	0.244904	-4.08323	0.158011	1.29954	1.29954	0.352978	1.18046	1.18046	0.149456	0.764685	-1.30773	11.7943	5.00305	0.424191	1
cg25408055	0.790187	0.94394	-1.05939	0.00457468	2.26327	2.26327	0.237243	1.30719	1.30719	0.788857	1.05979	1.05979	10.9725	8.13384	0.658927	1
cg10464775	0.120108	0.448203	-2.23113	0.00253834	0.136166	-7.34396	0.104439	0.429661	-2.32741	0.0102578	0.214391	-4.66437	8.42396	30.2222	3.18902	1
cg06773306	0.00492551	0.552954	-1.80847	0.00171752	0.490785	-2.03755	0.853763	1.02978	1.02978	0.0198977	0.639509	-1.5637	7.92452	3.17535	0.356177	1
cg22205573	0.0301496	0.783536	-1.27627	0.00609345	1.40855	1.40855	0.464559	1.07381	1.07381	0.059573	0.81593	-1.2256	6.22028	0.90176	0.128863	1
cg24826645	0.7885	1.02231	1.02231	0.316052	1.08878	1.08878	0.775937	1.02369	1.02369	0.0463763	1.20591	1.20591	5.32	0.567311	0.0947889	1
cg20928950	0.380959	0.808687	-1.23657	0.136196	1.4614	1.4614	0.88581	0.966616	-1.03454	0.938475	0.981925	-1.01841	4.7165	4.17074	0.786033	1
cg01330448	0.028801	0.490374	-2.03926	0.303186	0.74471	-1.3428	0.693453	1.11571	1.11571	0.124817	0.63177	-1.58285	4.62851	5.59956	1.07538	1
cg27300804	0.0438358	0.386483	-2.58744	0.0361216	0.367867	-2.71837	0.436832	0.722174	-1.38471	0.0521414	0.403952	-2.47554	4.27166	11.3916	2.37048	1
cg04139567	0.0386307	0.308088	-3.24583	0.0975363	0.409161	-2.44403	0.707411	0.830826	-1.20362	0.0500842	0.333505	-2.99846	4.25694	16.2892	3.40133	1
cg00979026	0.0767088	0.509598	-1.96233	0.529544	1.2437	1.2437	0.244931	0.659364	-1.51661	0.189284	0.621168	-1.60987	4.07916	7.5748	1.65063	1
cg14131555	0.0742828	1.30079	1.30079	0.00813948	1.56502	1.56502	0.214165	0.841197	-1.18878	0.691719	1.05411	1.05411	4.01087	1.11059	0.24613	1
cg27055601	0.0272976	0.455603	-2.19489	0.139141	0.619321	-1.61467	0.144494	1.60287	1.60287	0.885315	1.0444	1.0444	3.61328	5.18454	1.27543	1
cg20048245	0.348903	1.28216	1.28216	0.223666	1.39028	1.39028	0.728552	1.09395	1.09395	0.514249	0.843266	-1.18587	3.50499	3.68755	0.935186	1
cg16946767	0.00122725	0.190079	-5.26098	0.600221	1.20406	1.20406	0.159444	0.589797	-1.6955	0.0289577	0.404867	-2.46995	10.1339	19.7918	1.73602	1
cg02733596	0.0177686	0.466534	-2.14347	0.0353654	0.523019	-1.91198	0.176025	0.683485	-1.46309	0.00215473	0.319972	-3.12527	8.97761	9.94888	0.985056	1
cg24615528	0.606087	1.14385	1.14385	0.127759	0.653468	-1.5303	1.13E-06	26.2132	26.2132	0.238141	1.37611	1.37611	20.3803	21.5483	0.93983	1
cg07334977	0.576209	1.10316	1.10316	0.0932908	0.72544	-1.37847	2.34E-05	4.34572	4.34572	0.908618	1.02016	1.02016	12.8711	6.16235	0.425576	1
cg19825758	0.698604	0.948148	-1.05469	0.377775	0.88352	-1.13184	2.77E-05	3.09465	3.09465	0.821951	1.03132	1.03132	9.50193	2.81808	0.263626	1
cg04119852	0.00411725	0.194387	-5.14437	0.00173375	0.149328	-6.69667	0.00109201	0.128651	-7.77296	0.0208025	0.305951	-3.2685	8.15274	23.3921	2.55043	1
cg18030943	0.298403	0.629384	-1.58885	0.00567265	0.210385	-4.75319	0.807312	1.11067	1.11067	0.209313	0.566409	-1.76551	4.93677	14.4275	2.59774	1
cg01698108	0.967765	0.984709	-1.01553	0.222194	1.631	1.631	9.79E-06	37.5569	37.5569	0.5223	0.780932	-1.28052	15.6504	36.0394	2.04692	1
cg07614486	0.212026	1.27617	1.27617	0.149083	0.750503	-1.33244	0.299583	1.2207	1.2207	0.662736	1.08481	1.08481	3.60076	1.96239	0.484439	1
cg21846876	0.185895	0.761326	-1.3135	0.111524	1.40275	1.40275	0.108456	0.710367	-1.40772	?	?	?	5.07745	2.2731	0.447685	1
cg13313339	0.49367	0.941734	-1.06187	0.000312568	1.65665	1.65665	0.0214251	0.787652	-1.2696	0.0256969	0.795464	-1.25713	11.2904	1.33369	0.105001	1
cg10141271	0.140225	1.29241	1.29241	0.868526	1.02714	1.02714	0.482011	1.12245	1.12245	0.19513	1.24796	1.24796	6.56361	2.71628	0.367857	1
cg11850943	0.404544	0.689753	-1.4498	0.00151669	0.136813	-7.30923	0.00452717	0.192565	-5.19306	0.218799	0.569356	-1.75637	4.73509	14.2227	2.66994	1
cg21369466	0.170938	0.472514	-2.11634	0.0362874	0.286019	-3.49628	0.21122	1.96858	1.96858	0.048489	0.313772	-3.18703	4.08257	17.0966	3.7224	1
cg04696059	0.0139988	0.338136	-2.95739	0.00184248	0.2059	-4.85672	0.00148056	0.19425	-5.148	0.0189355	0.362215	-2.76079	7.6332	15.4362	1.79755	1
cg21386527	0.363535	1.50102	1.50102	0.00140696	7.47223	7.47223	0.0105083	4.05686	4.05686	0.0380779	2.84536	2.84536	6.78991	20.3424	2.66309	1
cg14052945	0.905469	1.04556	1.04556	0.0194104	0.346464	-2.88631	0.193834	0.597145	-1.67463	0.0053618	0.252763	-3.95627	6.65693	14.8297	1.98018	1
cg13630855	0.111336	0.582765	-1.71596	0.000324329	0.163695	-6.10891	0.929321	0.972758	-1.02801	0.245672	0.685213	-1.4594	6.00991	9.22595	1.36455	1
cg00598235	0.0275033	0.583317	-1.71433	0.000511788	0.325733	-3.07	0.00968322	0.508269	-1.96746	0.00576812	0.473342	-2.11264	9.29955	6.2959	0.601788	1
cg17409288	0.60812	0.937452	-1.06672	0.866205	1.02128	1.02128	0.412083	0.900562	-1.11042	0.025873	0.718659	-1.39148	5.12296	1.26545	0.219568	1
cg22109262	0.807418	0.954284	-1.04791	0.00422794	0.480069	-2.08303	0.304608	0.815701	-1.22594	0.583584	1.1119	1.1119	4.73361	2.75245	0.516861	1
cg17953136	0.452891	1.36166	1.36166	0.00189557	0.169144	-5.91214	0.241385	1.64063	1.64063	0.00373337	0.205774	-4.8597	7.65091	19.7486	2.29441	1
cg19484160	0.502615	1.14846	1.14846	0.00079082	0.356389	-2.80592	0.124792	0.713143	-1.40224	0.994111	1.0015	1.0015	4.5636	2.9917	0.582718	1
cg21273088	0.0141833	1.37241	1.37241	0.33132	0.900453	-1.11055	0.286282	0.890612	-1.12282	0.812368	0.97543	-1.02519	4.29903	0.745163	0.154074	1
cg10383839	0.317459	1.13073	1.13073	0.0963637	1.24243	1.24243	0.00487519	1.55849	1.55849	0.00276997	1.6334	1.6334	4.10601	0.919313	0.199018	1
cg23850377	0.398549	1.18591	1.18591	0.00790079	0.510609	-1.95844	0.394178	0.841831	-1.18789	0.53126	1.13328	1.13328	4.06535	2.50586	0.547905	1
cg07673230	0.145899	0.366048	-2.73188	0.00411458	0.0839564	-11.9109	0.00260502	0.0682361	-14.655	0.0171594	0.154173	-6.48622	6.42016	42.1353	5.83375	1
cg07744648	0.60105	1.17832	1.17832	0.0340443	2.15853	2.15853	0.364101	1.33652	1.33652	0.518671	0.815876	-1.22568	5.2361	8.02165	1.36177	1
cg18331249	0.0164247	1.41984	1.41984	0.45147	1.09605	1.09605	0.957341	0.993626	-1.00642	0.411312	1.10565	1.10565	5.23292	1.18444	0.201195	1
cg19726712	0.203792	0.318662	-3.13812	0.00387326	0.0362517	-27.5849	0.0288752	0.111137	-8.99787	0.0288191	0.111022	-9.0072	3.48201	40.0927	10.2349	1
cg20544357	0.00189574	0.780487	-1.28125	0.980404	0.998618	-1.00138	0.0119263	1.19323	1.19323	0.000765915	1.33239	1.33239	10.5192	0.528169	0.0446313	1
cg17418085	0.437716	1.25895	1.25895	0.00573222	2.86783	2.86783	0.143031	1.58072	1.58072	0.0679463	0.551721	-1.81251	5.94853	7.97218	1.19128	1
cg18221336	0.386404	0.817247	-1.22362	0.681443	1.09836	1.09836	0.0186464	0.523002	-1.91204	0.126568	0.68685	-1.45592	5.11681	4.18662	0.727298	1
cg22034203	0.142529	1.31143	1.31143	0.0114659	1.72297	1.72297	0.598483	0.912657	-1.0957	0.244792	0.811181	-1.23277	4.83657	2.266	0.416457	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18158604	LARGE;LARGE	0.00391187	0.00581597	0.361875	-2.76338	0.0146338	2.33016	2.33016	0.259172	0.718009	-1.39274	0.0522051	1.8616	1.8616	0.540935	1.19027	1.19027
cg06407434	LARGE;LARGE	0.0166685	0.562486	1.14293	1.14293	0.00540661	2.30566	2.30566	0.553161	1.14668	1.14668	0.18171	1.38188	1.38188	0.20516	1.35661	1.35661
cg20021572	LARGE;LARGE	0.0171432	0.0199026	1.98072	1.98072	0.383193	0.804557	-1.24292	0.39604	0.809478	-1.23536	0.0472498	1.73686	1.73686	0.100327	1.5493	1.5493
cg00378158	LARGE;LARGE	0.0241506	0.0536944	0.501335	-1.99467	0.0263206	0.435893	-2.29414	0.563983	0.832078	-1.20181	0.573417	0.835853	-1.19638	0.143207	0.609057	-1.64188
cg00222175	LARGE;LARGE	0.0417189	0.991315	0.994084	-1.00595	0.0156802	0.198959	-5.02617	0.228466	0.502048	-1.99184	0.40526	0.628636	-1.59075	0.00362462	0.116935	-8.55173
cg05670348	LARGE;LARGE;LARGE;LARGE	0.0277254	0.474105	0.926517	-1.07931	0.288244	1.12253	1.12253	0.00241552	1.5573	1.5573	0.0217467	1.3348	1.3348	0.407748	0.915047	-1.09284
cg02639667	LARP1	0.00859649	0.00646177	3.97262	3.97262	0.000834851	7.09005	7.09005	0.0615437	2.27139	2.27139	0.0497098	2.39186	2.39186	0.589649	1.23628	1.23628
cg03519907	LARP1	0.0122022	0.0965912	1.75256	1.75256	0.000856673	4.66563	4.66563	0.00642087	2.97561	2.97561	0.168052	1.57123	1.57123	0.842388	0.940605	-1.06315
cg09088720	LARP1	0.0171671	0.861748	1.10743	1.10743	0.00508922	8.73593	8.73593	0.0551917	3.56968	3.56968	0.230144	0.478544	-2.08967	0.0356964	0.239081	-4.18268
cg06912665	LARP1	0.0224105	0.0564254	3.00971	3.00971	0.00300665	7.96739	7.96739	0.0848843	2.64315	2.64315	0.0787944	2.70674	2.70674	0.197276	2.0043	2.0043
cg26546373	LARP1	0.0335391	0.0453451	0.396212	-2.5239	0.26787	1.59271	1.59271	0.856307	1.07583	1.07583	0.362291	0.685497	-1.4588	0.00100852	0.139763	-7.15496
cg04125370	LARP1	0.0491789	0.0177281	0.468138	-2.13612	0.00691336	0.398476	-2.50956	0.0831322	0.603545	-1.65688	0.564677	0.857928	-1.1656	0.0250216	0.495705	-2.01733
cg22787311	LARP1;LARP1	4.20E-06	0.0400868	0.559966	-1.78582	0.00654982	0.421744	-2.37111	0.00867855	0.44146	-2.26521	0.193167	1.40018	1.40018	2.35E-07	0.0226689	-44.1134
cg11308046	LARP1;LARP1	8.77E-05	6.47E-05	0.338444	-2.9547	0.285151	1.17807	1.17807	0.0148483	0.642511	-1.55639	0.000157168	0.384955	-2.5977	0.000851676	0.477156	-2.09575
cg25948445	LARP1;LARP1	0.000323318	0.0306201	0.66537	-1.50292	2.59E-05	0.262712	-3.80645	0.18701	0.79905	-1.25149	0.0143864	0.616369	-1.62241	0.00571673	0.559219	-1.78821
cg11580575	LARP1;LARP1	0.00105821	0.585562	1.18912	1.18912	0.412348	1.3017	1.3017	0.561465	0.831356	-1.20285	0.310314	1.39132	1.39132	1.92E-05	0.0651275	-15.3545
cg17490981	LARP1;LARP1	0.00661986	0.260819	0.830121	-1.20464	0.240113	0.822617	-1.21563	0.0133911	0.614919	-1.62623	0.737668	0.948032	-1.05482	0.0260762	0.657581	-1.52072
cg25105060	LARP1;LARP1	0.0119607	0.202927	0.629072	-1.58964	0.0474855	2.1854	2.1854	0.996255	0.998383	-1.00162	0.737478	0.890466	-1.12301	0.105799	0.543763	-1.83904
cg22512536	LARP1;LARP1	0.0146811	0.426381	1.10774	1.10774	0.26159	1.15892	1.15892	0.0511138	1.32293	1.32293	0.418983	1.10964	1.10964	0.41925	1.10957	1.10957
cg15893532	LARP1;LARP1	0.015002	0.0159625	0.377199	-2.65112	0.689725	1.1418	1.1418	0.0906065	0.540044	-1.8517	0.0405531	2.18485	2.18485	0.0157117	0.375942	-2.65999
cg02379684	LARP1;LARP1	0.0178028	0.748211	0.934301	-1.07032	0.0603295	1.5636	1.5636	0.120397	0.700853	-1.42683	0.992342	1.00203	1.00203	0.00679623	0.477089	-2.09604
cg23939866	LARP1;LARP1	0.0233204	0.375201	0.796185	-1.25599	0.648377	0.891387	-1.12185	0.171609	0.694568	-1.43974	0.535877	1.16999	1.16999	0.035401	0.541479	-1.84679
cg06442673	LARP1;LARP1	0.023507	0.10625	0.487871	-2.04972	0.196378	0.573619	-1.74332	0.447224	0.72966	-1.3705	0.201673	1.73074	1.73074	0.00209633	0.171901	-5.81731
cg15111708	LARP1;LARP1	0.0255035	0.134848	0.620613	-1.61131	0.00858736	0.37084	-2.69658	0.6585	0.876663	-1.14069	0.605516	1.16671	1.16671	0.0145884	0.410585	-2.43555
cg16577707	LARP1;LARP1	0.0292746	0.299327	0.762089	-1.31218	0.667515	0.896593	-1.11533	0.643515	0.888952	-1.12492	0.68787	0.903023	-1.10739	0.0211396	0.496461	-2.01426
cg01992684	LARP1;LARP1	0.0374127	0.0240787	0.351354	-2.84614	0.815182	0.91299	-1.0953	0.88711	0.946274	-1.05678	0.082047	0.472822	-2.11496	0.00767311	0.26392	-3.78903
cg22479226	LARP1;LARP1	0.0382714	0.0198699	0.622928	-1.60532	0.853076	0.969271	-1.0317	0.343916	1.17838	1.17838	0.83375	0.965234	-1.03602	0.316137	0.839892	-1.19063
cg06062998	LARP1;LARP1	0.0386163	0.0501947	0.324548	-3.08121	0.0133499	0.213348	-4.68717	0.0340682	0.287447	-3.4789	0.868081	1.0874	1.0874	0.0258849	0.263634	-3.79314
cg13303229	LARP1;LARP1	0.0449184	0.617388	1.05209	1.05209	0.0527841	1.24851	1.24851	0.0193444	1.32999	1.32999	0.338213	0.905257	-1.10466	0.427787	1.08505	1.08505
cg18467841	LARP1B	0.000883298	0.00247745	0.325229	-3.07475	0.958245	0.986118	-1.01408	0.515922	0.838718	-1.1923	0.0369258	0.523588	-1.9099	3.20E-05	0.115196	-8.68089
cg04760493	LARP1B;LARP1B;LARP1B	0.000183635	4.05E-05	0.1375	-7.2727	0.0380271	0.54393	-1.83847	0.021174	0.495759	-2.01711	0.991044	0.997162	-1.00285	0.00022206	0.210815	-4.74349
cg00783759	LARP1B;LARP1B;LARP1B	0.0165492	0.256548	0.813876	-1.22869	0.231872	0.804078	-1.24366	0.800338	1.04506	1.04506	0.293198	0.827266	-1.2088	0.0170482	0.603011	-1.65835
cg21483539	LARP1B;LARP1B;LARP1B	0.0192991	0.0100889	0.515235	-1.94086	0.0550129	0.641189	-1.5596	0.0207801	0.566365	-1.76565	0.110554	0.701039	-1.42645	0.0144247	0.540145	-1.85136
cg00574819	LARP1B;LARP1B;LARP1B	0.0471476	0.0796534	0.408893	-2.44563	0.0239931	0.289979	-3.44853	0.330468	0.630226	-1.58673	0.113188	2.20904	2.20904	0.0128572	0.241659	-4.13807
cg27536084	LARP4;LARP4;LARP4;LARP4;LARP4	0.000212992	0.206945	0.810843	-1.23328	7.04E-05	0.319005	-3.13475	8.93E-05	0.331283	-3.01856	0.368619	0.864608	-1.15659	0.127999	1.29593	1.29593
cg14407075	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.00611707	0.0277064	0.7404	-1.35062	0.00344374	1.58218	1.58218	0.0144381	1.41647	1.41647	0.098864	0.811406	-1.23243	0.0977083	0.810711	-1.23348
cg12582030	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0107867	0.0286544	0.684352	-1.46124	0.286172	0.849812	-1.17673	0.00211259	1.88712	1.88712	0.0855704	1.32209	1.32209	0.796545	1.03869	1.03869
cg20600756	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0125917	0.379457	1.98745	1.98745	0.00442834	18.0502	18.0502	0.0549197	5.25008	5.25008	0.400262	0.518959	-1.92693	0.0031827	0.0464873	-21.5113
cg21902817	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0189495	0.08542	0.546899	-1.82849	0.586245	0.839934	-1.19057	0.166223	1.59768	1.59768	0.000682396	0.192614	-5.19172	0.539481	1.21795	1.21795
cg15460921	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.026526	0.0157745	0.498498	-2.00603	0.0696741	0.620359	-1.61197	0.316231	0.783599	-1.27616	0.673358	0.905034	-1.10493	0.00111296	0.322905	-3.09688
cg01928411	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0294992	0.294604	1.57027	1.57027	0.459946	1.36659	1.36659	0.448286	0.725566	-1.37823	0.169838	1.8349	1.8349	0.0179882	0.303225	-3.29788
cg18123160	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0385303	0.0887036	0.621804	-1.60822	0.076255	1.64722	1.64722	0.188976	1.42209	1.42209	0.158124	0.68263	-1.46492	0.0439819	0.556727	-1.79621
cg20646317	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0416792	0.393313	0.881888	-1.13393	0.0360333	0.70432	-1.41981	0.0269508	0.686212	-1.45728	0.500702	1.10323	1.10323	0.185786	1.22343	1.22343
cg18712503	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0400343	0.046815	0.596042	-1.67773	0.448347	1.19205	1.19205	0.772471	0.936211	-1.06814	0.833099	1.04915	1.04915	0.504394	0.857254	-1.16652
cg06296597	LARP4B	0.00116664	0.27536	1.23911	1.23911	0.182153	1.30672	1.30672	0.00146098	0.419694	-2.38269	0.98215	0.995782	-1.00424	0.00307124	0.464979	-2.15063
cg27123106	LARP4B	0.00181658	0.841122	0.977205	-1.02333	0.0026812	0.62078	-1.61088	0.0264048	0.739005	-1.35317	0.567808	1.06859	1.06859	0.00649144	0.665998	-1.50151
cg23889654	LARP4B	0.00257534	0.00111425	0.359383	-2.78254	0.000609995	0.324557	-3.08112	0.031675	0.584632	-1.71048	0.420781	1.19157	1.19157	0.0244428	0.564778	-1.77061
cg01736278	LARP4B	0.00293723	0.0170867	0.585457	-1.70807	0.128806	0.739134	-1.35294	0.202209	0.780391	-1.28141	0.161739	0.759451	-1.31674	0.000180675	0.311295	-3.21238
cg05931497	LARP4B	0.00321806	0.225417	0.7342	-1.36203	0.000329411	0.244769	-4.08548	0.0110396	0.461337	-2.16761	0.00708827	0.429833	-2.32648	0.84691	0.954176	-1.04803
ch.10.33269R	LARP4B	0.00377397	0.0502167	0.628163	-1.59194	0.00061306	0.333209	-3.00112	0.000445752	0.315365	-3.17093	0.0145201	0.534122	-1.87223	0.0162315	0.5421	-1.84468
cg08876481	LARP4B	0.00588833	0.0147198	2.26018	2.26018	0.489892	1.20986	1.20986	0.253994	0.723585	-1.38201	0.779739	1.07912	1.07912	0.0136284	0.436546	-2.29071
cg04968084	LARP4B	0.00617673	0.236903	0.854997	-1.16959	0.0217797	0.706029	-1.41637	0.00291009	0.596159	-1.6774	0.020291	1.42439	1.42439	0.0075074	0.647265	-1.54496
cg20035724	LARP4B	0.00887454	0.998562	0.999565	-1.00043	0.249943	0.748322	-1.33632	0.00932795	0.451496	-2.21486	0.311335	0.776798	-1.28734	0.00660774	0.427299	-2.34028
cg15213732	LARP4B	0.0135135	0.329596	1.22516	1.22516	0.778304	0.944625	-1.05862	0.402319	1.18886	1.18886	0.832959	1.04355	1.04355	0.000412939	0.322589	-3.09992
cg13163782	LARP4B	0.0241552	0.320773	0.698105	-1.43245	0.153578	0.585508	-1.70792	0.0339399	0.420061	-2.38061	0.139597	0.572969	-1.74529	0.00262404	0.232406	-4.30281
cg15106503	LARP4B	0.0252099	0.405247	0.898422	-1.11306	0.00190075	1.73922	1.73922	0.475807	0.912827	-1.0955	0.774783	1.03674	1.03674	0.0618826	0.767602	-1.30276
cg16905822	LARP4B	0.0289346	0.105273	1.93809	1.93809	0.548382	1.2549	1.2549	0.490164	1.29961	1.29961	0.0372612	2.46926	2.46926	0.812155	1.09309	1.09309
cg08836481	LARP4B	0.0398036	0.401537	0.68059	-1.46931	0.187409	0.534637	-1.87043	0.283688	0.607037	-1.64735	0.214905	0.557059	-1.79514	0.00982639	0.231626	-4.3173
cg13876833	LARP6	0.0051991	0.799681	0.951956	-1.05047	0.0593682	1.51003	1.51003	0.697787	0.927225	-1.07849	0.481209	0.870547	-1.1487	0.000116444	0.270495	-3.69693
cg20901993	LARP6	0.0171342	0.405959	1.29075	1.29075	0.520625	1.21589	1.21589	0.293892	1.38657	1.38657	0.0214902	2.29135	2.29135	0.20736	1.49054	1.49054
cg03320521	LARP6	0.0463602	0.560412	0.850724	-1.17547	0.0205678	0.464847	-2.15125	0.150895	0.655265	-1.5261	0.915699	1.0295	1.0295	0.804171	0.934054	-1.0706
cg08592761	LARP6;LARP6	0.0137272	0.855754	0.96372	-1.03765	0.0666689	1.5183	1.5183	0.749364	0.936979	-1.06726	0.410427	1.18643	1.18643	0.835275	0.958595	-1.04319
cg05190752	LARP7;C4orf21;LARP7	0.0019479	0.217023	0.681966	-1.46635	0.0655828	1.83855	1.83855	0.247664	0.700345	-1.42787	0.265777	0.710534	-1.40739	0.43272	0.789825	-1.2661
cg05193411	LARP7;C4orf21;LARP7	0.0493232	0.250057	0.808713	-1.23653	0.95353	1.01035	1.01035	0.430955	0.867636	-1.15256	0.0397311	0.657046	-1.52196	0.0123391	0.57676	-1.73382
cg18948380	LARP7;C4orf21;LARP7;LARP7	0.033513	0.0232893	1.24844	1.24844	0.640399	0.962229	-1.03925	0.342185	1.08339	1.08339	0.0792086	1.1729	1.1729	0.377444	1.07693	1.07693
cg06887949	LARP7;LARP7	0.00211093	0.788377	1.05932	1.05932	0.0322281	0.584371	-1.71124	0.00638676	0.467593	-2.13861	0.0970488	0.676991	-1.47712	0.00207802	0.395192	-2.53042
cg05247907	LARP7;LARP7;C4orf21;C4orf21	0.0204507	0.976131	1.00646	1.00646	0.887765	0.970077	-1.03085	0.533234	1.1457	1.1457	0.0727136	1.5498	1.5498	0.525362	1.1488	1.1488
cg13333087	LARP7;LARP7;C4orf21;C4orf21	0.0469045	0.0299246	0.400476	-2.49703	0.0215136	2.6892	2.6892	0.662899	0.854588	-1.17015	0.569107	1.22894	1.22894	0.0532648	0.455371	-2.19601
cg13255285	LARP7;LARP7;LARP7;C4orf21	0.00104327	0.000713078	0.181481	-5.51023	0.00492883	2.77328	2.77328	?	?	?	?	?	?	?	?	?
cg02768742	LARS	0.00648222	0.00228901	1.61445	1.61445	0.40079	0.907907	-1.10143	0.0158521	0.717526	-1.39368	0.429078	1.09492	1.09492	0.0346842	1.31865	1.31865
cg21574815	LARS	0.0245322	0.0133687	0.792613	-1.26165	0.0302591	1.21316	1.21316	0.0785431	1.15977	1.15977	0.170945	0.895307	-1.11694	0.229649	1.10033	1.10033
cg10731910	LARS2	0.00038402	0.00136742	0.520888	-1.9198	0.234454	1.19121	1.19121	0.0108176	1.56735	1.56735	0.00100482	0.50386	-1.98468	0.000626671	0.477943	-2.0923
cg15691035	LARS2	0.000472254	0.342026	0.802551	-1.24603	0.263635	0.769656	-1.29928	0.0371209	1.72243	1.72243	0.00653126	0.452039	-2.2122	0.000196006	0.244881	-4.08361
cg09824563	LARS2	0.00212547	0.000210662	0.186089	-5.37378	0.470523	1.22044	1.22044	0.115986	0.629015	-1.58979	0.0537237	1.81198	1.81198	0.00145976	0.287279	-3.48094
cg07561673	LARS2	0.00724646	0.602209	0.917375	-1.09007	0.456022	0.882939	-1.13258	0.674229	0.933018	-1.07179	0.575094	0.911304	-1.09733	9.56E-05	0.320126	-3.12377
cg03899775	LARS2	0.00881007	0.00330076	0.595342	-1.67971	0.926121	0.988054	-1.01209	0.526134	0.920138	-1.08679	0.0133535	0.672254	-1.48753	0.00925918	0.651859	-1.53407
cg21946979	LARS2	0.010669	0.450746	0.883299	-1.13212	0.0493231	0.696076	-1.43662	0.00507726	0.549819	-1.81878	0.00393774	1.87088	1.87088	0.840475	0.967978	-1.03308
cg15781573	LARS2	0.0251644	0.013963	0.414645	-2.4117	0.611124	0.861841	-1.16031	0.111192	0.604636	-1.65389	0.595302	0.856036	-1.16818	0.0133289	0.411071	-2.43267
cg27088194	LARS2	0.0269045	0.136116	0.861485	-1.16079	0.514928	0.940538	-1.06322	0.143735	1.15701	1.15701	0.297799	0.904655	-1.10539	0.220035	1.12718	1.12718
cg05380759	LARS2	0.032133	0.0249012	0.35708	-2.80049	0.405278	1.38887	1.38887	0.327523	0.67711	-1.47686	0.00796606	0.2692	-3.71471	0.0357447	0.389576	-2.56689
cg24436845	LARS2	0.0364519	0.542569	1.04969	1.04969	0.967523	0.996802	-1.00321	0.00317771	1.37303	1.37303	0.457781	1.0613	1.0613	0.0146678	0.789467	-1.26668
cg10920302	LARS2;LARS2	8.24E-05	8.47E-06	0.278157	-3.59509	0.644991	0.940604	-1.06315	0.364756	1.13079	1.13079	0.0174723	0.682609	-1.46497	0.000212378	0.441807	-2.26343
cg11321526	LAS1L;LAS1L;LAS1L	0.0185632	0.0671422	0.44974	-2.22351	0.00950991	0.278218	-3.59431	0.255328	0.629711	-1.58803	0.13976	0.538577	-1.85675	0.00491202	0.234247	-4.269
cg00947275	LAS1L;LAS1L;LAS1L	0.0324739	0.0813716	0.340502	-2.93684	0.0118114	0.173206	-5.77346	0.518047	1.44114	1.44114	0.0101793	6.09309	6.09309	0.209553	0.478295	-2.09076
cg19602178	LAS1L;LAS1L;LAS1L;LAS1L;LAS1L;LAS1L	0.0272948	0.0129308	0.313271	-3.19212	0.188619	0.600126	-1.66632	0.0422634	2.38495	2.38495	0.111978	1.89119	1.89119	0.0197479	0.348466	-2.86972
cg12446644	LASP1	1.34E-05	0.975165	0.996233	-1.00378	0.0550619	0.768178	-1.30178	0.530102	0.925782	-1.08017	0.954931	0.993171	-1.00688	0.155009	0.831499	-1.20265
cg05766251	LASP1	0.00031202	0.129281	1.30706	1.30706	0.000552137	2.40143	2.40143	0.0017923	0.483901	-2.06654	0.131941	0.766712	-1.30427	0.000950743	0.447215	-2.23606
cg21637561	LASP1	0.00161793	0.00227356	4.48253	4.48253	0.251417	1.52364	1.52364	0.0249231	2.55459	2.55459	0.00378048	3.94786	3.94786	0.0277893	0.400945	-2.49411
cg01716603	LASP1	0.00190668	0.0968395	1.2318	1.2318	0.145992	1.19545	1.19545	0.697614	0.956322	-1.04567	0.590936	0.939824	-1.06403	0.0104549	0.691653	-1.44581
cg23559053	LASP1	0.00270031	0.135836	1.41357	1.41357	0.678836	1.0938	1.0938	0.0904285	0.669146	-1.49444	0.0581606	1.58577	1.58577	0.0620394	0.636081	-1.57213
cg23994303	LASP1	0.00453907	0.358994	1.12145	1.12145	0.00022732	2.10574	2.10574	0.271809	1.14914	1.14914	0.920668	1.01218	1.01218	0.617555	1.06309	1.06309
cg03547017	LASP1	0.0154081	0.222905	0.582156	-1.71775	0.00247991	0.169193	-5.91042	0.0229468	0.316865	-3.15592	0.699775	0.849011	-1.17784	0.0834322	0.445106	-2.24665
cg16778811	LASP1	0.017021	0.902677	1.01935	1.01935	0.172923	1.25504	1.25504	0.392085	0.871679	-1.14721	0.580297	1.09142	1.09142	0.746766	1.05206	1.05206
cg26912592	LASP1	0.0279082	0.117378	3.89916	3.89916	0.0025416	28.5319	28.5319	0.00653618	16.8949	16.8949	0.0989501	4.25181	4.25181	0.866221	0.873806	-1.14442
cg04569429	LASP1	0.0306183	0.281112	1.88011	1.88011	0.00862659	6.60219	6.60219	0.969726	0.978839	-1.02162	0.679161	1.26414	1.26414	0.0292728	0.235206	-4.25159
cg09564253	LASP1	0.0425992	0.247376	0.704232	-1.41999	0.903442	1.03581	1.03581	0.268943	0.716195	-1.39627	0.728741	1.10621	1.10621	0.0774065	0.566008	-1.76676
cg01687453	LASP1;LASP1	0.001183	0.18438	1.54347	1.54347	0.00874972	0.35718	-2.79971	0.587452	0.844625	-1.18396	0.0858222	1.79542	1.79542	0.402267	1.30245	1.30245
cg12054341	LASS1;GDF1;LASS1	0.0198984	0.628224	1.15281	1.15281	0.00714691	2.75197	2.75197	0.0382849	2.01309	2.01309	0.0347323	2.04895	2.04895	0.711992	1.11412	1.11412
cg24294159	LASS2;LASS2	0.00124485	0.5776	1.03556	1.03556	0.0061939	1.2482	1.2482	0.663399	0.973168	-1.02757	0.000433246	1.41287	1.41287	0.872456	1.01003	1.01003
cg13073141	LASS2;LASS2	0.0229088	0.0821878	0.419074	-2.38622	0.0568054	2.64767	2.64767	0.141232	2.04339	2.04339	0.514493	1.34791	1.34791	0.0211342	0.285869	-3.49811
cg05931345	LASS2;LASS2	0.0373621	0.676951	0.838065	-1.19322	?	?	?	0.795956	0.896549	-1.11539	0.952454	0.975193	-1.02544	0.265302	0.611309	-1.63583
cg05630111	LASS2;LASS2	0.0412586	0.13173	0.345263	-2.89634	0.0381651	4.80911	4.80911	0.104338	3.1915	3.1915	0.274813	2.10146	2.10146	0.0720481	0.269182	-3.71496
cg02477042	LASS3	0.000359774	0.157384	1.17082	1.17082	0.00473926	0.676208	-1.47884	0.000384674	0.553804	-1.80569	0.0146188	1.36834	1.36834	0.000180818	0.516391	-1.93652
cg12131707	LASS3	0.00125162	0.354945	0.843301	-1.18582	0.750945	0.944567	-1.05869	0.0129377	0.575487	-1.73766	0.000182689	0.322023	-3.10537	8.10E-05	0.279826	-3.57365
cg11945565	LASS3	0.016249	0.940341	1.00872	1.00872	0.516378	1.0793	1.0793	0.13862	1.2031	1.2031	0.764854	0.965807	-1.0354	0.460177	1.09113	1.09113
cg22491961	LASS4	0.000109152	0.340629	1.12132	1.12132	0.0528402	1.29256	1.29256	0.116111	0.819445	-1.22034	0.187701	0.849761	-1.1768	9.56E-05	0.444941	-2.24749
cg06686742	LASS4	0.00214023	0.946308	0.964284	-1.03704	0.0104813	5.69548	5.69548	0.628967	1.30073	1.30073	0.00012778	36.5304	36.5304	0.416365	0.63854	-1.56607
cg24413781	LASS4	0.00238308	0.996344	0.99799	-1.00201	0.00242753	6.38259	6.38259	0.250855	1.69353	1.69353	0.000211905	15.1568	15.1568	0.263485	1.66835	1.66835
cg08698605	LASS4	0.00484391	0.0729707	0.780699	-1.2809	0.00177969	1.73436	1.73436	0.145074	1.21374	1.21374	0.000939638	1.84203	1.84203	0.981001	1.00295	1.00295
cg14204255	LASS4	0.0242839	0.394277	0.898989	-1.11236	0.0161826	1.4319	1.4319	0.181944	1.18875	1.18875	0.0605767	0.772431	-1.29461	0.618727	0.940611	-1.06314
cg18388891	LASS4;LASS4	0.00108395	0.0068993	0.449749	-2.22346	3.32E-05	6.2951	6.2951	0.637565	1.11452	1.11452	0.485013	0.850337	-1.176	0.285964	0.776317	-1.28813
cg00236225	LASS5	0.0097123	0.89445	0.978661	-1.0218	0.0782973	0.727723	-1.37415	0.0682566	1.3934	1.3934	0.215668	1.23584	1.23584	0.00128226	0.466334	-2.14439
cg10101458	LASS5;LASS5	0.000187235	4.71E-06	0.128822	-7.76264	0.120242	1.39019	1.39019	0.35976	1.20208	1.20208	0.541302	1.12848	1.12848	0.603148	0.90256	-1.10796
cg08435945	LASS6	0.000104962	0.0382927	1.13297	1.13297	0.0117945	0.849131	-1.17768	0.145174	1.08476	1.08476	0.533494	1.03334	1.03334	0.791913	0.986344	-1.01385
cg04458869	LASS6	0.000813819	0.551038	0.849149	-1.17765	0.00222939	5.76978	5.76978	0.000465096	14.0253	14.0253	0.000438001	0.0684275	-14.614	?	?	?
cg26803993	LASS6	0.01075	0.00498432	0.588043	-1.70056	0.765657	1.04363	1.04363	0.0337938	0.701827	-1.42485	0.0121499	1.56286	1.56286	0.456239	0.89727	-1.11449
cg25601286	LASS6	0.0108907	0.0370273	0.525619	-1.90252	0.00171213	0.304503	-3.28404	0.0188896	0.46991	-2.12807	0.105937	0.625621	-1.59841	0.011696	0.433137	-2.30874
cg15316583	LASS6	0.0142652	0.954846	0.994275	-1.00576	0.337806	0.90466	-1.10539	0.017613	0.746151	-1.34021	0.567008	1.06043	1.06043	0.874398	1.01617	1.01617
cg24168002	LASS6	0.0164638	0.00537631	0.242065	-4.13113	0.0193384	0.334618	-2.98849	0.0119439	0.297003	-3.36697	0.0887302	0.483507	-2.06822	0.557553	0.794883	-1.25805
cg19112359	LASS6	0.0178312	0.878513	1.04146	1.04146	0.103703	0.623391	-1.60413	0.0336548	0.517393	-1.93277	0.3315	0.766363	-1.30486	0.0328104	0.515222	-1.94091
cg06360703	LASS6	0.0198887	0.1491	0.384653	-2.59975	0.0801574	0.301556	-3.31614	0.0464048	0.244427	-4.09121	0.192788	0.426907	-2.34243	0.00125405	0.0545002	-18.3485
cg18418586	LASS6	0.0225939	0.920364	0.984292	-1.01596	0.443822	1.13157	1.13157	0.246894	0.825549	-1.21131	0.247531	0.825782	-1.21097	0.00617815	0.568112	-1.76022
cg24827600	LASS6	0.0387222	0.465261	0.895483	-1.11672	0.860455	1.02648	1.02648	0.99352	1.00121	1.00121	0.0315188	0.687543	-1.45446	0.535983	0.911103	-1.09757
cg14663042	LASS6	0.0458671	0.319716	0.750067	-1.33321	0.102407	0.606593	-1.64855	0.0235276	0.469278	-2.13093	0.0503178	0.535783	-1.86643	0.00729316	0.379921	-2.63213
cg03375002	LAT2;LAT2;LAT2	3.87E-06	2.45E-06	0.157299	-6.3573	7.10E-05	0.309716	-3.22876	2.40E-05	0.256019	-3.90596	0.000982101	0.452545	-2.20972	8.44E-06	0.208165	-4.80388
cg07672065	LAT2;LAT2;LAT2	0.000135842	0.0023268	0.664601	-1.50466	0.0121473	0.740559	-1.35033	0.00586936	0.70718	-1.41407	0.92933	1.00856	1.00856	4.65E-06	0.364527	-2.74328
cg13906362	LAT2;LAT2;LAT2	0.00033813	0.000169068	0.434177	-2.30321	0.0554847	0.753525	-1.3271	0.00227433	0.573175	-1.74467	0.412119	0.896425	-1.11554	0.00184212	0.561763	-1.78011
cg03747003	LAT2;LAT2;LAT2	0.00920857	0.128427	0.810849	-1.23328	0.320309	1.14	1.14	0.0153155	0.68398	-1.46203	0.531597	0.922333	-1.08421	0.00769552	1.54796	1.54796
cg03000596	LAT2;LAT2;LAT2;LAT2;LAT2;LAT2	0.0282252	0.00709479	0.129505	-7.72172	0.00928325	0.143763	-6.95588	0.706675	0.800797	-1.24876	0.193338	0.445384	-2.24525	0.0188961	0.188111	-5.31601
cg23797100	LAT;LAT;LAT;LAT	0.000100296	0.00806747	0.604727	-1.65364	0.321591	0.859171	-1.16391	4.24E-05	0.315381	-3.17076	0.000140268	0.377394	-2.64975	1.88E-05	0.27515	-3.63438
cg03134947	LAT;LAT;LAT	0.00032446	0.00100188	0.178934	-5.58866	0.018043	0.488479	-2.04717	[illegible]	[illegible]	[illegible]	0.000251024	0.221769	-4.50919	0.000233007	0.218109	-4.58486

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18158604	0.00476006	2.87142	2.87142	0.00164618	3.55418	3.55418	0.246029	1.40694	1.40694	0.0612448	1.81034	1.81034	7.90537	9.91528	1.11489	1
cg06407434	0.0326772	1.76874	1.76874	0.000892182	3.11184	3.11184	0.0788085	1.56101	1.56101	0.0279878	1.8082	1.8082	5.00229	4.12404	0.732826	1
cg20021572	0.0889857	1.57801	1.57801	0.00336622	2.6379	2.6379	0.63711	0.890869	-1.1225	0.0678382	0.6081	-1.64447	4.95555	4.64155	0.832566	1
cg00378158	0.477971	0.796623	-1.2553	0.00123278	0.225581	-4.43299	0.00868958	0.348533	-2.86916	0.730149	0.896614	-1.11531	4.40984	6.93768	1.39843	1
cg00222175	0.316226	0.568429	-1.75923	0.0131799	0.187243	-5.34064	0.831058	0.890057	-1.12352	0.105186	0.380936	-2.62511	3.62634	17.0682	4.18377	1
cg05670348	0.0669383	1.24025	1.24025	0.7374	0.965335	-1.03591	0.241913	1.13702	1.13702	0.0337076	1.29695	1.29695	4.20234	0.731543	0.154738	1
cg02639667	0.0836333	2.10827	2.10827	0.00345911	4.69418	4.69418	0.0178366	3.07051	3.07051	0.765416	1.12363	1.12363	6.20185	14.9052	2.13631	1
cg03519907	0.531542	0.822898	-1.21522	0.159636	1.58756	1.58756	0.024683	2.27668	2.27668	0.0275597	2.22883	2.22883	5.54334	8.30538	1.33179	1
cg09088720	0.513366	1.47407	1.47407	0.0163564	5.57392	5.57392	0.0268794	4.63937	4.63937	0.461037	1.55164	1.55164	4.95324	26.883	4.82431	1
cg06912665	0.0336011	3.5472	3.5472	0.00577543	6.32769	6.32769	0.0269975	3.80322	3.80322	0.0304384	3.6605	3.6605	4.52512	18.6493	3.66336	1
cg26546373	0.136145	0.523303	-1.91094	0.199116	0.57859	-1.72834	0.734445	0.871704	-1.14718	0.544702	0.780963	-1.28047	3.9271	10.1149	2.28948	1
cg04125370	0.452134	0.817414	-1.22337	0.0715576	0.588845	-1.69824	0.0319341	0.51601	-1.93795	0.35844	0.779933	-1.28216	3.4095	3.74067	0.975228	1
cg22787311	0.00254745	0.359375	-2.78261	8.02E-07	0.0394697	-25.3359	0.681673	1.10607	1.10607	0.000112594	0.190421	-5.25152	50.7643	48.0383	0.841156	1
cg11308046	0.00435411	0.569866	-1.7548	2.43E-05	0.289063	-3.45945	0.23769	1.20033	1.20033	0.000275661	0.415142	-2.40882	22.9331	7.91478	0.306778	1
cg25948445	0.00180047	0.490603	-2.03831	0.000204744	0.368594	-2.71301	0.0911998	0.742008	-1.34769	0.000186398	0.363545	-2.75069	16.1162	6.56674	0.362188	1
cg11580575	0.308329	0.717701	-1.39334	0.0028328	0.274402	-3.64429	0.706066	1.12658	1.12658	0.657344	0.868976	-1.15078	11.5791	18.1482	1.39318	1
cg17490981	0.000991036	0.459862	-2.17457	0.46558	0.888792	-1.12512	0.732205	1.05605	1.05605	0.000660855	0.43693	-2.2887	6.73108	2.68681	0.354813	1
cg25105060	0.676146	1.15589	1.15589	0.000394804	0.142819	-7.00185	0.132187	0.571031	-1.75122	0.119069	0.558017	-1.79206	5.57943	10.5083	1.67413	1
cg22512536	0.471772	1.0966	1.0966	0.0180441	0.696366	-1.43603	0.0227698	0.709377	-1.40969	0.0029911	1.67029	1.67029	5.21761	1.3115	0.223431	1
cg15893532	0.0483084	0.474434	-2.10777	0.298432	0.700363	-1.42783	0.0791926	1.90406	1.90406	0.0239569	0.410613	-2.43538	5.18047	8.95917	1.53726	1
cg02379684	0.00239248	0.409445	-2.44233	0.130545	0.708549	-1.41133	0.953229	0.9877	-1.01245	0.372397	1.21316	1.21316	4.89321	3.45039	0.626789	1
cg23939866	0.0091843	0.436754	-2.28962	0.00302957	0.361499	-2.76626	0.301769	1.30724	1.30724	0.0391399	0.550014	-1.81814	4.46351	4.43341	0.882896	1
cg06442673	0.0293245	0.351901	-2.84171	0.0721009	0.441872	-2.2631	0.145038	1.89032	1.89032	0.229948	0.599016	-1.66941	4.45124	11.6696	2.33036	1
cg15111708	0.0542418	0.523894	-1.90878	0.00402507	0.318721	-3.13754	0.448209	0.795542	-1.25701	0.0431404	0.502307	-1.99082	4.32709	6.00172	1.2329	1
cg16577707	0.000604053	0.262946	-3.80307	0.401825	0.805148	-1.24201	0.846897	1.05004	1.05004	0.199031	0.709796	-1.40886	4.12246	4.16539	0.898145	1
cg01992684	0.0624645	0.442567	-2.25954	0.0166378	0.320845	-3.11677	0.932005	0.967368	-1.03373	0.0204985	0.337778	-2.96053	3.77456	9.03533	2.12777	1
cg22479226	0.0341643	0.659596	-1.51608	0.140607	1.30585	1.30585	0.0410219	1.48732	1.48732	0.0461468	0.680678	-1.46912	3.74337	1.68037	0.399016	1
cg06062998	0.187539	0.494607	-2.02181	0.0130473	0.211768	-4.72215	0.421948	1.51205	1.51205	0.663864	0.802202	-1.24657	3.73109	15.0121	3.57646	1
cg13303229	0.114269	0.84097	-1.1891	0.0200992	0.753724	-1.32675	0.556804	0.941842	-1.06175	0.324598	1.10801	1.10801	3.52792	0.567971	0.143105	1
cg18467841	0.255286	0.728248	-1.37316	0.000884547	0.264392	-3.78227	0.907856	0.969558	-1.0314	0.00673316	0.39136	-2.5552	12.187	13.7603	1.00364	1
cg04760493	0.0509668	0.569568	-1.75572	4.46E-05	0.141244	-7.07993	0.000220879	0.210558	-4.74929	0.0123086	0.454183	-2.20175	18.801	19.0877	0.902447	1
cg00783759	0.0178096	0.605929	-1.65036	0.0206983	0.616038	-1.62328	0.001027	0.42907	-2.33062	0.597321	1.09714	1.09714	5.0143	2.40178	0.425765	1
cg21483539	0.229774	0.773061	-1.29356	0.0387359	1.63058	1.63058	0.182462	0.748996	-1.33512	0.0474358	0.629249	-1.5892	4.76183	3.14679	0.587409	1
cg00574819	0.65784	0.814708	-1.22743	0.267104	0.587702	-1.70154	0.0226208	0.285084	-3.50774	0.973805	0.985018	-1.01521	3.46432	11.597	2.97561	1
cg27536084	0.814639	0.963677	-1.03769	0.00034904	2.4738	2.4738	0.367736	1.15692	1.15692	0.795849	1.04169	1.04169	18.0601	7.09918	0.34941	1
cg14407075	0.0118852	0.695842	-1.43711	0.715757	0.958644	-1.04314	0.356651	0.896289	-1.11571	0.0874694	1.24344	1.24344	6.89787	1.45716	0.187776	1
cg12582030	0.0155868	0.646787	-1.5461	0.538223	0.912502	-1.09589	0.269756	0.844633	-1.18395	0.104792	1.29753	1.29753	5.76877	1.97231	0.303906	1
cg20600756	0.687802	1.36033	1.36033	?	?	?	0.246905	2.51518	2.51518	0.956113	0.958943	-1.04282	5.59366	45.6986	8.16972	1
cg21902817	0.950299	0.98041	-1.01998	0.256042	0.686398	-1.45688	0.0569021	0.504652	-1.98156	0.424595	1.29539	1.29539	4.79137	7.64407	1.41812	1
cg15460921	0.0985184	0.652866	-1.53171	0.0238949	0.530302	-1.88572	0.645597	0.896748	-1.11514	0.376002	0.807497	-1.23839	4.26807	3.74392	0.779727	1
cg01928411	0.0924466	2.15705	2.15705	0.196632	0.567377	-1.7625	0.513703	1.31645	1.31645	0.00485199	4.71413	4.71413	4.11131	11.2211	2.42607	1
cg18123160	0.0769647	0.607974	-1.64481	0.567953	1.15725	1.15725	0.0884677	1.6089	1.6089	0.0826983	1.62621	1.62621	3.73414	3.78633	0.901311	1
cg20646317	0.0220881	0.674001	-1.48368	0.50819	0.908023	-1.10129	0.201355	1.21404	1.21404	0.123177	1.27131	1.27131	3.62762	1.18705	0.290867	1
cg18712503	0.00195566	0.369524	-2.70618	0.42187	0.829828	-1.20507	0.894213	1.03071	1.03071	0.0916432	1.52542	1.52542	3.68197	3.01428	0.727697	1
cg06296597	0.00173412	0.42998	-2.32569	0.412361	1.17157	1.17157	0.000928065	2.54503	2.54503	0.197607	0.773143	-1.29342	11.262	6.36608	0.502462	1
cg27123106	0.0237205	0.733318	-1.36367	0.000406781	1.90685	1.90685	0.749559	1.03748	1.03748	0.0879302	0.805443	-1.24155	9.91537	2.07271	0.185813	1
cg23889654	0.00427525	0.442865	-2.25802	0.956805	1.01161	1.01161	0.274856	0.784977	-1.27392	0.00233986	0.404442	-2.47254	8.9534	6.43939	0.6393	1
cg01736278	0.0280072	0.620013	-1.61287	0.379014	0.846876	-1.18081	0.0255055	1.63036	1.63036	0.00454297	0.4985	-2.00602	8.61203	4.6255	0.477421	1
cg05931497	0.395618	1.23507	1.23507	0.0987391	1.5517	1.5517	0.83227	1.05282	1.05282	0.00448559	0.3987	-2.50815	8.38139	7.81813	0.829153	1
ch.10.33269R	0.3379	0.814025	-1.22846	0.00542694	0.466705	-2.14268	0.208176	0.758526	-1.31835	0.294619	0.797405	-1.25407	7.99116	5.49025	0.610703	1
cg08876481	0.790003	0.930071	-1.07519	0.000690109	4.08386	4.08386	0.0184564	2.17343	2.17343	0.549572	0.848359	-1.17875	6.9795	8.15462	1.03855	1
cg04968084	0.18888	0.838641	-1.1924	0.692029	1.05162	1.05162	0.560357	0.928266	-1.07728	0.0035146	0.606283	-1.64939	6.8772	1.74069	0.224987	1
cg20035724	0.0737235	0.618342	-1.61723	0.00058683	0.277765	-3.60017	0.211203	1.37387	1.37387	0.738011	0.922241	-1.08431	6.13965	5.65403	0.818582	1
cg15213732	0.968551	0.992074	-1.00799	0.273807	0.794655	-1.25841	0.100414	1.438	1.438	0.0590496	0.650339	-1.53766	5.36177	3.45939	0.573508	1
cg13163782	0.0208884	0.377616	-2.64819	0.0487945	0.454612	-2.19968	0.153133	1.70905	1.70905	0.838302	1.07421	1.07421	4.40954	8.57105	1.72778	1
cg15106503	0.193686	0.841143	-1.18886	0.131528	1.22726	1.22726	?	?	?	0.602562	0.936052	-1.06832	4.42026	0.984628	0.222754	1
cg16905822	0.113096	1.90543	1.90543	0.00143276	5.60521	5.60521	0.0139595	3.1117	3.1117	0.0545724	2.25987	2.25987	4.13954	9.16402	1.9678	1
cg08836481	0.522666	0.747997	-1.3369	0.52742	0.750545	-1.33237	0.00895111	4.43725	4.43725	0.292426	1.63154	1.63154	3.68982	11.7374	2.82758	1
cg13876833	0.345728	1.20687	1.20687	0.0820578	1.45217	1.45217	0.798775	1.05071	1.05071	0.9076	1.02274	1.02274	7.25153	4.30612	0.527842	1
cg20901993	0.0233821	2.25511	2.25511	0.00299546	3.39435	3.39435	0.00265205	3.48395	3.48395	0.0192022	2.34078	2.34078	4.95643	7.07413	1.26868	1
cg03320521	0.298194	0.743697	-1.34463	0.00717746	2.59375	2.59375	0.759451	1.088	1.088	0.0835333	0.590974	-1.69212	3.48635	4.16361	1.06156	1
cg08592761	0.0117383	0.527662	-1.89515	0.00060257	0.341489	-2.92835	0.789141	0.947021	-1.05594	0.670483	0.916751	-1.09081	5.33424	3.48431	0.580619	1
cg05190752	0.489488	0.813104	-1.22986	2.75E-05	0.0875879	-11.4171	0.270418	1.40238	1.40238	0.853427	1.05601	1.05601	9.71629	13.3641	1.22261	1
cg05193411	0.229039	0.800148	-1.24977	0.00939124	0.558952	-1.78906	0.173029	1.29189	1.29189	0.937645	1.01392	1.01392	3.40572	1.68282	0.439214	1
cg18948380	0.816607	0.981168	-1.01919	0.00786016	0.756459	-1.32195	0.376429	0.92841	-1.07711	0.0661267	0.844768	-1.18376	3.9282	0.416669	0.0942856	1
cg06887949	0.000437593	0.304179	-3.28753	0.000553153	0.317185	-3.15273	0.105017	0.684255	-1.46144	0.00654092	0.469198	-2.1313	9.49126	6.89656	0.645886	1
cg05247907	0.920984	1.02157	1.02157	0.000882562	0.317614	-3.14847	0.118877	1.44598	1.44598	0.148503	1.40075	1.40075	5.19836	3.7295	0.558008	1
cg13333087	0.189409	0.607735	-1.64545	0.739432	1.12703	1.12703	0.114171	1.85081	1.85081	0.190369	1.64347	1.64347	3.47107	7.05556	1.80682	1
cg13255285	?	?	?	?	?	?	0.041951	0.58536	-1.70835	0.00108131	0.216271	-4.62384	52.288	11.9514	0.228569	1
cg02768742	0.00262385	1.5967	1.5967	0.05459	1.27756	1.27756	0.519105	1.07618	1.07618	0.0922896	1.23139	1.23139	6.77513	1.35411	0.177658	1
cg21574815	0.494888	0.948784	-1.05398	0.0531213	1.18138	1.18138	0.0910517	0.868322	-1.15165	0.252329	1.09494	1.09494	4.38592	0.39968	0.0810027	1
cg10731910	0.46057	0.899901	-1.11123	0.000201729	0.416664	-2.40002	0.867092	1.02379	1.02379	0.0500686	1.36843	1.36843	15.3719	4.79848	0.277474	1
cg15691035	0.930652	1.01975	1.01975	0.00141372	0.354119	-2.82391	0.000381117	3.57783	3.57783	0.537101	1.15075	1.15075	14.5185	11.6072	0.710648	1
cg09824563	0.0163607	0.450946	-2.21756	0.470177	1.22064	1.22064	0.952571	1.01627	1.01627	0.0308529	0.502581	-1.98973	9.47225	11.0475	1.03671	1
cg07561673	0.174124	1.26756	1.26756	0.559613	0.907785	-1.10158	0.547718	1.10491	1.10491	0.595654	1.0918	1.0918	6.54405	2.78724	0.378596	1
cg03899775	0.534237	0.921672	-1.08498	0.0468466	1.34292	1.34292	0.0808024	1.28517	1.28517	0.12932	1.23659	1.23659	6.15385	1.63638	0.236366	1
cg21946979	0.463218	0.886409	-1.12815	0.0212074	1.56419	1.56419	0.497948	1.11752	1.11752	0.347421	1.1691	1.1691	5.78916	2.39097	0.367118	1
cg15781573	0.87468	0.955267	-1.04683	0.113182	0.606613	-1.6485	0.00296515	0.306509	-3.26255	0.0149741	0.420066	-2.38058	4.34731	5.78859	1.18359	1
cg27088194	0.0106191	0.742086	-1.34755	0.00637651	1.39038	1.39038	0.315652	0.908173	-1.10111	0.711627	0.966115	-1.03507	4.24694	0.579731	0.121338	1
cg05380759	0.0717058	0.460356	-2.17223	0.374949	0.703765	-1.42093	0.157005	0.557715	-1.79303	0.00719422	0.262264	-3.81296	3.98795	9.40007	2.09521	1
cg24436845	0.324515	1.08334	1.08334	0.276712	0.914831	-1.0931	0.879149	1.01204	1.01204	0.451379	0.941413	-1.06223	3.81052	0.373599	0.0871505	1
cg10920302	0.327651	0.875146	-1.14267	4.22E-05	0.357615	-2.7963	0.246082	1.17364	1.17364	0.0694678	1.30737	1.30737	23.3151	6.43268	0.245246	1
cg11321526	0.392029	0.710693	-1.40708	0.00161124	0.171839	-5.81941	0.787739	0.900234	-1.11082	0.0932951	0.487263	-2.05228	4.82481	11.5898	2.13522	1
cg00947275	0.0762186	0.332823	-3.0046	0.898612	0.931381	-1.07367	0.243409	0.506271	-1.97523	0.685058	1.25531	1.25531	3.9729	19.5682	4.37815	1
cg19602178	?	?	?	0.719262	0.877018	-1.14023	0.934823	1.03016	1.03016	0.173944	1.69994	1.69994	4.73802	8.61981	1.59188	1
cg12446644	0.0997098	0.803522	-1.24452	1.26E-07	0.130699	-7.65116	0.148146	0.828539	-1.20694	0.000113088	0.439485	-2.27539	37.6108	8.75686	0.206959	1
cg05766251	0.00201646	2.03745	2.03745	0.00889059	1.72271	1.72271	0.00711775	1.76465	1.76465	0.0132562	1.65114	1.65114	16.2741	6.87928	0.375745	1
cg21637561	0.277841	0.672613	-1.48674	0.00593046	3.5421	3.5421	0.000651876	6.27613	6.27613	0.00933893	3.18556	3.18556	10.2534	20.0555	1.73865	1
cg01716603	0.213313	0.860792	-1.16172	0.000302952	0.51084	-1.95756	0.161022	1.18678	1.18678	0.000685634	0.552584	-1.80968	9.77694	2.02588	0.184187	1
cg23559053	0.432665	0.841619	-1.18819	0.00513988	2.21631	2.21631	0.000264013	3.63521	3.63521	0.0112775	1.98072	1.98072	8.8291	6.48408	0.652799	1
cg23994303	0.239253	0.860903	-1.16157	0.105937	0.806862	-1.23937	0.108159	0.808152	-1.23739	0.00578749	1.5517	1.5517	7.55787	1.76781	0.207914	1
cg03547017	0.0287134	0.336245	-2.97402	0.00479134	0.205679	-4.86195	0.0070706	0.229836	-4.35092	0.223405	0.582531	-1.71665	5.13486	14.5115	2.51206	1
cg16778811	0.0330423	1.47758	1.47758	0.000621709	0.43838	-2.28113	0.695796	0.940309	-1.06348	0.401095	0.874052	-1.1441	4.96743	1.93007	0.345374	1
cg26912592	0.773203	0.793591	-1.26009	0.0609942	5.41645	5.41645	0.111528	4.0019	4.0019	0.113002	3.97529	3.97529	4.19263	42.5056	9.01171	1
cg04569429	0.11286	2.64473	2.64473	0.818164	1.13858	1.13858	0.0134892	5.6043	5.6043	0.0711681	3.11394	3.11394	4.0573	20.4087	4.47122	1
cg09564253	0.198044	0.674074	-1.48352	0.00271513	0.301021	-3.32203	0.0567244	1.86876	1.86876	0.701894	0.894491	-1.11795	3.59836	4.79029	1.18333	1
cg01687453	0.143032	1.62453	1.62453	2.99E-05	0.0805708	-12.4114	0.683889	0.881447	-1.1345	0.585884	1.18481	1.18481	11.2174	16.8822	1.33778	1
cg12054341	0.0477869	1.9339	1.9339	0.37481	0.766852	-1.30403	0.00693935	2.76778	2.76778	0.0119754	2.49332	2.49332	4.71271	6.33882	1.1956	1
cg24294159	0.42611	0.950778	-1.05177	0.000370366	0.701935	-1.42463	0.558293	1.03745	1.03745	0.0159319	1.20121	1.20121	11.0553	0.675424	0.0543066	1
cg13073141	0.103544	0.447492	-2.23468	0.00697947	0.20679	-4.83583	0.115089	0.461245	-2.16805	0.798802	0.891043	-1.12228	4.491	14.5093	2.87178	1
cg05931345	0.332904	0.655219	-1.52621	0.0136847	0.264727	-3.77748	0.954236	1.02447	1.02447	0.00174555	0.136227	-7.34068	4.19214	10.2532	2.14009	1
cg05630111	0.0954217	0.301998	-3.31128	0.0198636	0.159177	-6.2823	0.613404	0.716783	-1.39512	0.82378	0.864351	-1.15694	3.64126	24.6366	6.01417	1
cg02477042	0.836658	1.02177	1.02177	0.979815	0.997365	-1.00264	0.00115724	1.64516	1.64516	0.537716	1.06725	1.06725	15.6503	2.6964	0.153147	1
cg12131707	0.0323738	0.638466	-1.56625	0.670231	1.07974	1.07974	0.514415	0.888332	-1.12571	0.760383	0.94669	-1.05631	11.0382	5.60745	0.45156	1
cg11945565	0.192036	0.852003	-1.1737	0.00453301	1.55055	1.55055	0.00204418	1.65547	1.65547	0.110588	0.817381	-1.22342	5.04499	1.07478	0.189369	1
cg22491961	0.0755302	1.25948	1.25948	1.05E-05	0.333311	-3.0002	0.00208663	1.65708	1.65708	0.398988	0.904215	-1.10593	21.6276	4.65741	0.191419	1
cg06686742	0.615194	1.31482	1.31482	0.560823	0.727902	-1.37381	0.932807	1.04659	1.04659	0.000624436	17.1384	17.1384	9.45312	43.6603	4.10543	1
cg24413781	0.250632	1.69399	1.69399	0.715157	0.85135	-1.17461	0.516068	0.748915	-1.33527	0.000673282	9.81009	9.81009	9.16012	27.9702	2.7142	1
cg08698605	0.75048	0.961277	-1.04028	0.043315	0.749986	-1.33336	0.97838	0.996651	-1.00336	0.0686349	1.28697	1.28697	7.40992	1.79825	0.215717	1
cg14204255	0.0104516	0.67478	-1.48196	0.0237306	0.71932	-1.3902	0.175244	0.838682	-1.19235	0.522411	0.923934	-1.08233	4.40143	1.03817	0.209663	1
cg18388891	0.587614	0.882404	-1.13327	?	?	?	0.466711	1.18439	1.18439	0.368132	1.23518	1.23518	11.7719	8.65176	0.734948	1
cg00236225	0.764093	1.05012	1.05012	0.0265906	0.652414	-1.53277	0.00831345	0.578006	-1.73009	0.342312	0.853008	-1.17232	5.966	2.49497	0.371731	1
cg10101458	0.220643	1.2862	1.2862	0.000265867	0.31026	-3.2231	0.290437	0.806983	-1.23918	0.272916	0.800083	-1.24987	18.7024	11.317	0.537873	1
cg08435945	0.0274078	1.14533	1.14533	1.92E-06	1.84696	1.84696	0.0608308	0.895928	-1.11616	0.06127	0.896136	-1.1159	21.8555	0.936068	0.038071	1
cg04458869	?	?	?	?	?	?	0.149545	0.638981	-1.56499	0.0903928	0.571843	-1.74873	56.1284	36.9484	0.438856	1
cg26803993	0.145257	1.25036	1.25036	0.0157096	1.52645	1.52645	0.159075	1.23986	1.23986	0.594283	0.926076	-1.07983	5.7751	1.86655	0.287294	1
cg25601286	0.041584	0.535788	-1.86641	0.110051	0.629645	-1.5882	0.348534	0.773888	-1.29218	0.00182377	0.308312	-3.24347	5.75099	6.425	0.993066	1
cg15316583	0.413342	0.918696	-1.0885	0.00049339	0.575105	-1.73881	0.174765	1.15761	1.15761	0.404646	1.09031	1.09031	5.26727	0.857724	0.144747	1
cg24168002	0.325539	0.6751	-1.48126	0.336816	0.681629	-1.46707	0.35483	1.44542	1.44542	0.00295208	0.206051	-4.85316	5.02296	11.9164	2.10879	1
cg19112359	0.551334	0.852075	-1.17361	0.0113085	0.43064	-2.32212	0.00524139	2.6592	2.6592	0.419953	0.803446	-1.24464	4.89059	5.46353	0.993023	1
cg06360703	0.0487572	0.249105	-4.01437	0.00836479	0.124842	-8.0101	0.70755	1.26204	1.26204	0.0663822	0.280423	-3.56604	4.71349	28.4682	5.36864	1
cg18418586	0.316429	0.848752	-1.1782	0.00363534	1.86449	1.86449	0.973653	0.994785	-1.00524	0.151633	0.784092	-1.27536	4.51246	1.79158	0.352915	1
cg24827600	0.176788	1.23773	1.23773	0.0796885	1.33498	1.33498	0.654761	0.935328	-1.06914	0.00316111	0.549316	-1.82045	3.72735	1.30263	0.310649	1
cg14663042	0.355795	0.766699	-1.30429	0.338703	1.31762	1.31762	0.378118	1.28779	1.28779	0.0832599	0.584905	-1.70968	3.50039	4.33677	1.10128	1
cg03375002	2.56E-05	0.259068	-3.86	4.38E-06	0.180405	-5.54307	2.81E-06	0.162667	-6.14754	1.98E-05	0.247018	-4.04829	51.8549	21.5	0.368549	1
cg07672065	0.00228655	0.663795	-1.50649	0.427903	0.925175	-1.08088	0.000319853	0.571377	-1.75016	0.000439262	0.586499	-1.70503	20.3941	2.98214	0.129978	1
cg13906362	0.00203537	0.567161	-1.76317	0.0999895	0.790564	-1.26492	1.63E-05	0.31442	-3.18046	0.0214133	0.697383	-1.43393	15.9194	4.2863	0.239334	1
cg03747003	0.0094332	1.52168	1.52168	0.294127	0.870368	-1.14894	0.0300234	1.38493	1.38493	0.103742	0.796919	-1.25483	6.06806	1.56453	0.229183	1
cg03000596	0.129266	0.38168	-2.62	0.0146958	0.171226	-5.84022	0.0217688	0.198256	-5.04397	0.178459	0.431699	-2.31643	4.17598	22.8361	4.86085	1
cg23797100	0.000123414	0.370617	-2.69821	0.118032	0.777572	-1.28605	0.541993	1.09582	1.09582	0.0109331	0.622852	-1.60552	22.1231	7.69835	0.309314	1
cg03134947	0.000426727	0.248793	-4.0194	0.000547403	0.262047	-3.81611	0.0638781	0.594821	-1.68118	0.0115073	0.45459	-2.19978	16.1007	15.8628	0.875759	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(1577 vs. N)	Fold-Change(1-vs-1577 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df	F(Error
cg26982253	LAT;LAT;LAT;LAT	0.000401966	0.480393	0.870826	-1.14834	1.209115	1.20082	1.29082	1.00423742	0.478535	2.08971	8.94E-05	0.258726	-3.86509	0.0109113	0.540038	1.85172	0.673487	1.08515	1.08515	0.000694037	2.71282	2.71282	0.0629474	0.668365	-1.49586	0.00816623	0.520623	1.92078	14.3549	8.45244	0.523396	1
cg03176550	LAT;LAT;LAT;LAT	0.006092	0.0299324	0.366188	-2.73084	0.2123161	0.293485	3.40733	0.00174339	0.172801	-5.78699	0.0455571	0.405833	-2.46407	0.0177065	0.173585	5.76086	0.05169026	2.418545	-2.38923	0.0335206	0.210584	-4.74871	0.429589	0.728229	-1.37319	0.00866759	0.268203	-3.72852	0.90663	16.9218	2.17785	1
cg07041323	LAT;LAT;LAT;LAT	0.00625437	0.0186491	0.362045	-2.76208	0.0352877	0.417501	-2.3952	0.00303616	0.235265	-4.25052	0.0090245	0.306466	-3.26301	0.00201933	0.211883	-4.71958	0.00155205	0.197662	-5.05914	0.0790401	0.499188	-2.00325	0.8763303	0.946013	-1.05707	0.1834113	0.604782	-1.65349	6.85067	13.7728	1.78705	1
cg05798125	LAT;LAT;LAT;LAT	0.00128821	0.0469595	0.40548	-2.46615	0.0298246	0.362486	-2.75874	0.0006631	0.246098	-4.05008	0.0361955	0.2166	-4.61964	0.00373	0.163762	-6.10766	0.0109386	0.450356	-2.22071	0.0790991	0.61445	-1.62747	0.794851	0.936979	-1.06726	0.0101137	0.444598	-2.52625	5.16957	5.10944	0.878548	1
cg01509778	LAT;LAT;LAT;LAT	0.0150978	0.0240578	0.510564	-1.95862	0.112208	0.649189	-1.54038	0.00287594	0.359076	-2.78492	0.0171199	0.483874	-2.06655	0.0151155	0.478456	-2.09006	0.00483754	0.390801	-2.55884	0.8314411	1.05252	1.05252	0.6839471	1.03035	1.103185	0.1255881	0.668376	-1.49616	5.66848	5.06017	0.695134	1
cg04818331	LAT;LAT;LAT;LAT;LAT;LAT	2.36E-05	1.79E-06	0.228961	-4.36756	0.927903	0.988863	-1.01126	0.000256351	0.474752	-2.10636	4.63E-05	0.386003	-2.59066	0.000144885	0.444968	-2.24735	0.00164724	0.572586	-1.74646	0.000929249	0.542388	-1.8437	0.0126299	1.46772	1.46772	0.0277303	0.724704	-1.37987	32.4507	7.87065	0.215592	1
cg23643476	LAT;LAT;LAT;LAT;LAT;LAT	0.00172332	0.00029151	0.142258	-2.92178	0.8576	1.01819	1.033197	0.000312105	0.550398	-1.81687	0.108231	0.727199	-1.37514	0.003707217	0.490217	-2.03991	0.0349417	1.56318	1.56318	0.00220972	0.458653	-2.18125	0.570717	1.10978	1.10978	0.0262143	0.618841	-1.61592	10.068	5.27101	0.445317	1
cg01448132	LAT;LAT;LAT;LAT;LAT;LAT	0.00327061	0.400161	0.828255	-1.20765	0.243082	0.76521	-1.36683	0.001035044	0.344895	-2.89943	0.00156112	0.369391	-2.70716	0.002581512	0.369351	-2.70818	0.0149255	0.490063	2.040925	0.4922984	0.490063	2.040925	0.116602	1.16602	0.0246202	0.556353	-1.79742	8.34102	6.34018	0.675663	1
cg01276381	LATS1	0.00197402	0.22052	1.3849	1.3849	0.148298	1.47995	1.47995	0.437026	0.818371	-1.22194	0.41208	0.808951	-1.23617	0.8411167	1.05203	1.05203	0.500602	1.18867	1.18867	3.18E-05	0.128999	-7.75201	0.223549	1.38166	1.38166	0.288239	1.32144	1.32144	9.67869	9.79668	0.899725	1
cg26428073	LATS1	0.01195053	0.0284313	0.729431	-1.37095	0.1481489	1.05208	1.05208	0.0153295	0.713477	1.93849	1.93849	0.624648	1.60161	0.0243298	0.624648	1.60161	0.143405	1.10275	1.10275	0.525631	1.07727	0.143405	1.10275	1.88863	1.39108	0.0364148	0.707103	0.692785	-1.44345	5.58225	2.97001	0.473098	1
cg27409974	LATS1	0.0162634	0.211884	1.45863	0.2610216	0.213552	0.213552	2.133352	0.0245749	2.16579	2.15679	0.994872	0.998157	-1.00185	0.9225642	0.576288	1.73526	0.0566342	1.538284	-1.85776	0.1673341	0.43244	-2.31246	0.0368766	2.00546	2.00546	0.984426	1.00562	0.54351	6.58186	1.16001	1
cg15655908	LATS1	0.0210915	0.246037	1.29771	1.29971	0.0023353	0.199251	2.59068	0.0819655	1.882965	0.868408	-1.01262	0.10297	1.34675	1.34675	0.975782	0.993462	-1.00658	0.616878	0.896274	0.155152	0.638021	1.56615	0.0308321	1.72972	0.8915336	1.04166	1.04166	0.0245678	1.78355	1.78355	4.57004	3.82625	0.65729	1
cg06741198	LATS1	0.00228576	0.0255912	0.638596	-1.56594	0.3418323	1.18013	1.18013	0.283129	1.20753	1.20753	0.4121765	0.589604	-1.69605	0.0690816	0.709857	-1.41052	0.00307352	0.503929	-1.98441	0.141987	0.765699	1.306	0.337578	0.846052	-1.18196	0.713724	0.939595	-1.06429	4.49446	2.03538	0.402545	1
cg24994350	LATS1	0.0308347	0.5668818	0.923896	-1.08237	0.2144993	0.71953	1.1963	0.07020218	1.31883	1.31883	0.124832	0.796784	-1.25594	0.1003142	0.534307	1.87224	0.0439562	0.728673	-1.37236	0.3977103	1.12569	1.12569	0.0547515	0.60687	-1.6478	0.576385	0.925732	-1.08023	0.47173	1.19825	0.263177	1
cg26514994	LATS1	0.00187842	0.0650143	0.623211	-1.60455	0.1541141	-1.54537	0.0040225	0.0004795	0.244675	-4.08729	0.0934188	0.49506	-2.02005	0.0656554	0.493708	-2.02611	0.0204449	0.333192	-3.00127	0.020449	0.576377	-1.73498	0.788787	0.948416	-1.05439	0.00176278	0.415263	-2.40811	0.55104	0.547759	1.82495	0.302154	1
cg16274376	LATS2	0.00431064	0.64695	1.10332	1.10332	0.00967844	0.497587	-2.0097	0.669363	1.09592	1.09592	0.67966	0.915272	-1.09257	0.00127928	0.367378	-2.72199	0.00604321	0.465504	2.148821	0.00163423	0.382131	-2.6169	0.355185	1.22482	1.22482	0.0203017	0.549963	-1.8183	7.67709	5.52779	0.640033	1
cg06502165	LATS2	0.0403192	0.02874	1.02874	0.0202353	2.35125	2.35125	0.1413088	1.39108	1.39108	0.258222	1.175392	0.707539	1.07952	0.5107989	1.039583	1.039583	0.1297398	0.793592	-1.26009	0.918271	1.01206	1.01206	0.0123123	1.54828	1.54828	0.0484858	1.37187	1.37187	6.66774	2.07695	0.276883	1
cg13668930	LATS2	0.00680132	0.748059	0.6610444	-1.03988	0.0643904	1.48482	1.28682	0.594653	1.20475	1.06735	0.9194885	0.990828	-1.00926	0.00365584	0.513795	1.50195	0.2325564	1.13104	1.13104	0.000241769	2.08951	2.08951	0.0918747	0.798347	-1.25259	0.317703	1.13154	1.64751	1.55064	0.207348	1
cg20902277	LATS2	0.00701089	0.289763	0.852972	-1.17237	0.010752	0.628858	-1.59018	0.0830764	0.757508	-1.32012	0.00657109	0.599969	-1.66675	0.162083	0.805692	-1.24117	0.0458333	0.717989	-1.39278	0.0107515	1.59019	1.59019	0.00298116	0.554495	-1.80344	0.171896	0.810198	-1.23427	6.58479	2.18453	0.294892	1
cg09659082	LATS2	0.00802713	0.287105	0.8902	-1.12336	0.0978031	0.521	-1.92015	0.0453467	1.37572	1.37572	0.141496	0.910311	-1.09851	0.0302984	1.242077	1.242077	0.0555051	0.831321	-1.2029	0.4011426	0.760067	-1.31567	0.0153573	0.907191	-1.10253	0.0979779	0.999955	-1.00004	0.43739	0.737315	0.102014	1
cg16459412	LATS2	0.00809818	0.772745	1.08106	1.08106	0.159908	0.664556	-1.50476	0.0016774	0.298145	-3.35063	0.154078	0.663182	-1.50788	0.037257	0.521626	-1.91708	0.000748462	0.252372	-3.9624	0.0629437	0.569434	-1.75613	0.279964	1.35299	1.35299	0.215716	0.70418	-1.42009	6.31983	7.25196	1.01999	1
cg08103348	LATS2	0.0122444	0.479271	1.08213	1.08213	0.0790834	0.16896	1.91599	0.0159319	-2.57072	0.0153473	2.209951	-4.34852	0.4440009	0.377732	-2.64755	0.0628373	0.172315	-5.80278	0.2644254	0.687106	-1.45534	0.2119758	0.844508	-2.36497	0.04266	0.833384	-1.20137	5.51589	3.63025	0.658776	1
cg08822578	LATS2	0.0124982	0.319333	0.832277	-1.20152	0.0106059	0.563646	-1.77416	0.213324	0.79153	-1.26338	0.723496	0.938596	-1.06542	0.492951	1.13226	1.13226	0.037278	0.710742	-1.40698	0.00115412	2.34403	2.34403	0.896858	0.977129	-1.02341	0.135872	0.750731	1.33203	5.5003	2.77234	0.44803	1
cg01595154	LATS2	0.0184743	0.495524	0.8351	-1.19746	0.216988	0.713016	-1.40249	0.0456194	0.739188	-2.67391	0.433941	0.812283	-1.2311	0.505922	0.838825	-1.19214	0.0122058	0.443465	-2.25497	0.0674644	0.737984	-1.35543	0.0739984	0.825003	-1.21196	0.0244905	0.474401	-2.10966	14.3148	1.09252	1
cg14195971	LATS2	0.025132	0.120737	0.746404	-1.33957	0.0503808	0.753538	-1.32734	0.1363753	1.32213	1.32213	0.076988	0.756831	-1.32213	0.0199084	0.998038	-1.00197	0.205508	0.485332	-2.06035	0.1439348	0.695008	1.43894	0.165026	0.773906	-1.29158	0.581734	0.907828	-1.10153	4.9426	2.08093	0.425294	1
cg15582591	LATS2	0.0258101	0.314247	0.647673	-1.54399	0.395152	1.43832	1.43832	0.0752599	2.2857	2.2857	0.631139	1.237113	1.23713	1.23713	0.00245496	0.723	0.0453771	2.60645	2.60645	0.25201	1.64779	1.64779	0.40504	1.427	1.427	0.220226	0.583931	-1.71253	4.30099	11.8883	2.45235	1
cg10444430	LATS2	0.0269418	0.0198365	0.731556	-1.4295	0.0023538	2.32125	2.32125	0.0413084	1.39108	1.39108	0.258222	1.175392	0.707539	1.07952	0.5107989	1.039583	0.1529384	1.12945	1.12945	0.0550381	1.771	1.771	0.0552014	1.56239	1.56239	0.0657368	1.87108	1.87108	1.44806	4.25181	1.49091	0.310813	1
cg04067428	LATS2	0.0266075	0.490771	0.847896	-1.17939	0.312951	1.27895	1.27895	0.0385293	0.568338	-1.75952	0.900945	0.997328	-1.00268	0.0558952	1.14949	1.14949	0.773155	1.07051	1.07051	0.0031584	2.58428	2.58428	0.196775	0.842381	0.742312	-1.34714	4.26349	3.75236	0.782323	1
cg05898123	LATS2	0.0288001	0.0118622	0.54725	-1.82732	0.24789	1.26092	1.26092	0.393253	1.18275	1.18275	0.0257174	0.601446	-1.66266	0.0755246	0.684062	-1.46186	0.00910208	0.529419	-1.88886	0.0978607	0.705731	-1.41697	0.0903347	0.698943	-1.43073	0.798265	0.952034	-1.05038	4.14636	2.41878	0.518533	1
cg18708502	LATS2	0.0713464	0.0973344	0.7095	-1.40929	0.0152342	0.752	-1.32975	-1.5105	0.0229705	-1.03301	0.8875397	0.997	-1.00444	0.0012795	1.32207	1.32207	0.0555051	0.831321	-1.2029	0.4011426	0.760067	-1.31557	0.0153573	0.907191	-1.10253	0.0979779	0.999955	-1.00004	0.43739	0.737315	0.102014	1
cg21794428	LATS3	0.0317125	7	7	0.629734	0.785712	-1.27273	0.421127	1.5051	1.5051	7	7	0.0117458	0.198349	0.04161	0.022164	0.243207	0.41172	0.207086	0.514177	-1.94486	0.09082	0.421664	2.40664	0.087803	0.387193	-2.58269	0.47574	12.6787	2.96527	1
cg05028187	LATS3	0.0209688	0.6234638	-1.17202	0.4607703	0.985267	1.49515	1.49515	0.0385293	0.568338	-1.75952	0.900945	0.997328	-1.00268	0.0558952	1.14949	1.14949	0.0091208	0.529419	-1.88886	0.0978607	0.705731	-1.41697	0.0903347	0.698943	-1.43073	0.798265	0.952034	-1.05038	4.14636	2.41878	0.518533	1
cg20096419	LATS2	0.0389698	0.791065	1.04188	1.04188	0.407122	2.14	2.14	0.706505	0.943223	-1.06019	0.771504	0.956002	-1.04602	0.293027	0.844886	1.18359	0.373422	1.15164	1.15164	0.000829054	2.17666	2.17666	0.879622	1.02369	1.02369	0.333344	0.85711	-1.16671	3.71864	4.40618	0.336127	1
cg22238152	LATS2	0.0401558	0.0221814	0.553896	-1.80539	0.700134	1.08695	1.08695	0.582859	1.12694	1.12694	0.252826	0.775558	-1.28939	0.0072149	0.473376	-2.11077	0.216101	0.755431	-1.32375	0.0606269	0.493095	-2.12317	0.809228	0.949224	-1.05349	0.973736	0.992932	-1.00712	0.67787	2.70388	0.65349	1
cg23898629	LAX1;LAX1	0.029251	0.6420277	1.0963	1.0963	0.0799031	0.159319	-2.57072	0.0153473	2.209951	-4.34852	0.4440009	0.377732	-2.64755	0.0628373	0.172315	-5.80278	0.764214	1.08218	1.08218	0.264007	0.702766	1.42394	0.673156	-1.48554	0.414453	0.662273	-1.50995	4.12364	1.95356	3.43507	1
cg12022621	LAX1;LAX1;LAX1	0.00017309	0.663054	0.902682	-1.10781	0.434972	0.830248	-1.20446	0.0133682	0.488904	-2.04539	0.00224619	0.368246	-2.71558	2.20E-05	0.136697	7.31545	0.090229	0.646592	-1.54657	2.18E-05	0.136412	-7.33076	0.00111842	0.325998	-3.0675	0.00169249	0.350787	-2.85074	10.9139	16.5023	0.767838	1
cg02122632	LAYN	0.00017213	0.0393307	0.619587	-1.61409	0.0492042	0.619244	-1.62273	0.0014281	0.242448	-7.00045	0.564885	0.18526	1.8018	0.0001	0.136.05	7.33076	0.0003563	0.146669	-6.82355	0.0001	0.136412	-7.33076	0.00111842	0.325998	-3.0675	0.00169249	0.350787	-2.85074	10.9139	16.5023	0.767838	1
cg11971918	LAYN	0.00106371	0.614666	0.868135	-1.15189	0.0122382	0.419189	-2.38556	0.079734	0.581751	-1.71895	0.99784	0.999246	-1.00075	0.774.55	0.0867485	11.5276	0.766938	0.920537	1.08632	0.2261681	0.467455	-2.13924	0.0044905	0.274401	-2.10966	0.114668	14.3148	1.09252	1			
cg21600796	LAYN	0.012623	0.625486	0.889946	-1.12366	0.0645743	0.611343	-1.63574	0.639845	1.11818	1.11818	0.54131	0.863666	-1.15785	0.154985	0.697149	-1.43441	0.0491205	0.587361	-1.70253	0.000717021	1.38922	1.38922	0.538769	0.862581	-1.15895	0.155486	1.4337	1.4337	5.48252	4.87836	0.790936	1
cg08683829	LAYN	0.0319491	0.32987	0.754647	-1.32516	0.0199199	0.539139	-1.934	-1.56355	0.0139538	-1.934	-1.56355	0.0139538	-1.934	-1.56355	0.0139538	-1.934	0.0378701	0.706455	-1.41561	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1
cg19820372	LAYN	0.0438642	0.633857	0.882899	-1.13263	0.0070465	0.404954	-2.46942	0.262136	0.738242	-1.35437	0.94234	0.9814	-1.01895	0.684889	0.899522	1.1117	0.414841	1.24152	1.24152	0.106713	0.633091	-1.57955	0.0117024	2.265	2.265	0.154551	0.858613	-1.16467	3.55937	3.79767	0.948401	1
cg03864000	LAYN;LAYN	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.1415881	0.0435336	1.9213	1.9213	0.448632	0.804733	-1.24265	0.0109029	2.45746	2.45746	0.0854187	1.70738	1.70738	3.34601	7.95548	1.11433	1
cg26176018	LBH	0.00709255	0.584451	1.1681	1.1681	0.880496	0.958558	-1.04323	0.32409	0.750874	-1.33178	0.103326	1.6508	1.6508	0.000934523	0.249175	-4.01325	0.197811	1.08475	1.08475	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1
cg04687540	LBH	0.0145441	0.0977173	0.761251	-1.62992	0.1866	1.27273	1.27273	0.0229077	0.407598	-2.45339	0.167598	0.728756	-1.37208	0.0144927	0.472107	-2.12017	0.108449	0.592175	-1.68855	0.0374642	0.515179	1.94296	0.0159273	0.687327	-1.4545	0.0201564	0.755858	1.32314	4.32216	1.40249	0.324141	1
cg26425876	LBH	0.0265874	0.760558	0.92639	-1.03917	0.232644	0.854428	-1.17037	0.5956973	1.26975	1.06975	0.0542127	0.598572	-1.67125	0.0307542	0.805786	1.2402	0.0862519	1.26901	1.26901	0.0140911	0.788327	-1.4545	0.0201564	0.755858	1.32314	4.32216	1.40249	0.324141	1			
cg02547025	LBH	0.0384602	0.22777	0.740757	-1.34997	0.116967	1.49728	1.49728	0.0375824	1.77143	1.77143	0.768861	1.07234	1.07234	0.369285	1.24427	1.24427	0.518991	0.856452	-1.16761	0.00294509	0.37993	-2.63206	0.763192	0.930884	-1.07425	0.884803	1.03496	1.03496	3.73663	3.12461	0.790875	1
cg25072436	LBH;LBH	0.0910027	0.9304457	1.01153	-1.55359	0.7111	1.37105	1.37105	-1.56461	0.1771675	1.09001	0.834451	0.986321	-1.01383	0.0104403	1.380943	1.380943	0.1555	1.08475	1.08475	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1.38404	0.0179153	1.38404	1
cg05197133	LBP	0.000297242	0.000757681	0.235316	-4.24961	0.706728	1.11307	1.11307	0.369825	0.770281	-1.29823	0.00142661	0.270499	-3.69687	8.21E-05	0.133822	-7.47261	5.79E-05	0.120931	8.2692	0.000887498	0.243841	-4.10103	0.342276	0.757832	-1.31955	0.0168166	0.437473	-2.28586	16.4918	20.9769	1.13064	1
cg18979995	LBP	0.00211188	0.0355527	0.507929	-1.96972	0.2206145	0.0001	-10000	0.0003559	0.337282	-2.96448	0.382904	0.781558	-1.27955	0.0005809	0.234107	-4.27457	0.0034658	0.133284	7.5021	0.000528061	0.234107	-4.27457	0.320351	0.593291	-1.67985	0.0448149	0.59539	-1.67985	0.0448149	0.59539	-1.67985	0.0448149	0.59539	1
cg17485530	LBP	0.0021502	0.0784482	0.55056	-1.80956	0.0267311	1.85449	1.85449	0.0010995	0.54455	-1.83993	0.497333	0.826	-1.21058	0.0050655	0.732492	-1.36558	0.383012	0.763777	1.30928	0.0694666	0.144256	-6.93553	0.0108284	1.84356	1.84356	0.0355687	0.516654	-1.93553	0.0108284	1.84356	1.84356	0.0355687	0.516654	-1.93553	1
cg19848813	LBP	0.0257598	0.0982039	0.275171	2.17517	0.170693	0.1302382	4.91489	0.0001	0.919297	-1.08779	0.827346	1.09811	1.09811	0.0023169	0.162576	6.15098	0.310864	1.10818	1.10818	0.084073	0.26568	2.66568	0.399458	0.69103	-1.44711	0.0519187	2.57949	2.57949	0.423132	12.5364	2.58427	1
cg24834199	LBR;LBR	0.00401087	0.0013123	0.276752	-3.61408	0.0778778	1.61457	1.61457	0.0727525	0.619747	1.61457	0.0939506	0.337282	-2.96448	0.382904	0.781558	-1.27955	0.0023169	0.162576	6.15098	0.0694666	0.144256	-6.93553	0.0108284	0.533183	0.593291	-1.67985	0.0448149	0.59539	-1.67985	0.0448149	0.59539	-1.67985	0.0448149	0.59539	1
cg20483690	LBR;LBR	0.00094742	0.0147611	0.508037	-1.96836	0.000371114	3.61717	3.61717	0.0693562	0.632211	-1.58175	0.321644	0.793668	-1.25997	0.00155266	0.358109	-2.79245	0.5734488	1.13698	1.13698	0.000728396	0.313676	-3.188	0.0593869	0.618581	-1.6166	0.885303	0.967948	-1.03311	11.949	9.63997	0.717123	1
cg14607642	LBR;LBR	0.0049856	0.6152213	0.622382	0.0492042	0.619244	-1.62273	0.0014281	0.242448	-7.00045	0.564885	0.18526	1.8018	0.0001	0.136.05	7.33076	0.0003563	0.146669	-6.82355	0.0001	0.136412	-7.33076	0.00111842	0.325998	-3.0675	0.00169249	0.350787	-2.85074	10.9139	16.5023	0.767838	1			
cg11431720	LBR;LBR	0.0068882	0.25775	-1.18503	1.18503	0.0256569	0.683163	-1.46378	0.167398	0.809328	-1.23559	0.949651	1.24864	1.01578	0.152987	1.52987	1.52987	0.0244444	1.7335	1.7335	0.0001	0.136412	-7.33076	0.0111842	0.325998	-3.0675	0.00169249	0.350787	-2.85074	10.9139	16.5023	0.767838	1			
cg02825765	LBR;LBR	0.0125111	0.0150083	0.420113	-2.38031	0.0042895	0.329134	-3.03828	0.0082148	0.37502	-2.66652	0.0769594	0.590345	-1.69393	0.00555494	0.347604	-2.87683	0.0816378	0.571347	-1.75025	0.0117767	0.403528	-2.49048	0.0144227	0.417043	-2.39784	0.048529	0.520131	-1.92259	5.49845	7.3266	1.18443	1
cg09745054	LBR;LBR	0.0164451	0.1644031	0.655323	-1.52581	0.0523383	1.01816	1.01816	0.0964943	1.00655	-1.00655	0.9948	0.999	-1.00099	0.0022138	0.778.55	1.28451	0.0504657	0.347927	-2.87417	0.0107567	0.59289	-1.68665	0.0479533	0.909058	-1.10004	0.0877926	0.570088	-1.75411	6.62474	3.79038	1.22745	1
cg26266146	LBX1	2.54E-06	0.593227	0.902256	-1.10833	0.0105828	1.85622	1.85622	0.0435638	1.5569	1.5569	0.74528	1.34508	1.34508	0.0156512	1.10139	1.10139	0.0584829	1.50352	1.50352	0.000313989	2.82191	-3.5437	3.34E-08	45.7098	45.7098	0.687825	1.0801	1.0801	0.7367	33.2957	0.51233	1
cg09035579	LBX1	0.0125	7.95E-05	0.1514	6.60496	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.763994	0.930884	1.07425	0.884803	1.03496	1.03496	3.73663	3.12461	0.790875	1.18443	1							
cg15268691	LBX1	0.00345592	0.0012514	0.60501	1.65051	0.770556	1.02963	1.02963	0.135872	1.17405	1.17405	0.155045	0.859046	-1.16408	0.435373	0.923617	1.0827	0.334934	0.905488	1.10438	0.37476	0.913057	-1.09522	0.956.06	2.70169	2.70169	0.955171	1.00563	1.00563	15.8242	2.49825	0.140333	1
cg14491820	LBX1	0.00287815	0.823714	0.913229	-1.09502	0.295021	1.55552	1.55552	0.0446623	2.55433	2.55433	0.315286	0.655458	-1.52565	0.371169	0.688275	-1.45291	0.695689	0.852213	-1.17342	0.777778	1.12199	1.12199	0.3351	24.5561	24.5561	0.454012	1.36381	1.36381	6.64605	22.7103	2.32996	1
cg19547319	LBX1;FLI4350	0.00184716	0.0386589	0.779353	-1.28317	0.0113122	0.647251	-1.54526	0.0322395	0.534139	-1.87156	0.814292	0.944868	-1.05835	0.0116477	0.643274	-1.55423	0.0002555	0.164594	-6.07551	0.0001	0.136412	-7.33076	0.0111842	0.325998	-3.0675	0.00169249	0.350787	-2.85074	10.9139	16.5023	0.767838	1			
cg04130185

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22519158	LCE3D	0.000357965	0.000201204	0.103012	-9.70762	0.000194406	0.101838	-9.81947	0.00190185	0.201319	-4.96725	0.0251315	0.378907	-2.63917	0.0401653	0.421518	-2.37238	0.000854278	0.161164	-6.20486	0.00195922	0.202928	-4.92785	0.000128778	0.0884851	-11.3013	0.00145839	0.187324	-5.33834	15.672	32.9492	1.86882	1
cg18116418	LCE3D	0.00157351	0.00136058	0.117723	-8.49453	0.000492304	0.0811694	-12.3199	0.00973142	0.222099	-4.5025	0.00590869	0.190693	-5.24402	0.123525	0.464119	-2.15462	0.00321892	0.157265	-6.3587	0.0880443	0.420548	-2.37785	0.000456084	0.0788148	-12.688	0.0045772	0.176034	-5.68071	10.3361	34.6599	2.9807	1
cg02054568	LCE3D	0.0219267	0.00449608	0.3093	-3.23311	0.0114337	0.375085	-2.66606	0.0602887	0.518679	-1.92797	0.116763	0.589791	-1.69552	0.329418	0.732093	-1.36595	0.0302948	0.454284	-2.20127	0.0292808	0.451302	-2.21581	0.00638557	0.333007	-3.00294	0.0578607	0.514589	-1.9433	4.55916	6.93135	1.35139	1
cg20676475	LCE3D	0.0235919	0.00757175	0.0983109	-10.1718	0.0130593	0.125041	-7.99739	0.0967602	0.291995	-3.42472	0.0819335	0.272112	-3.67496	0.127293	0.32842	-3.04488	0.019005	0.146987	-6.80331	0.0977926	0.293316	-3.40929	0.00488535	0.0805462	-12.4152	0.0298624	0.178055	-5.61623	4.4457	32.1024	6.41867	1
cg23724738	LCE3E	0.000160368	9.27E-05	0.0683331	-14.6342	0.000148933	0.0815248	-12.2662	0.0282176	0.369126	-2.7091	0.269225	0.642383	-1.5567	0.0353574	0.389651	-2.5664	0.00382302	0.223143	-4.48143	6.37E-05	0.0590608	-16.9317	5.86E-05	0.0571284	-17.5044	0.00145381	0.170485	-5.86563	19.5022	45.6961	2.08278	1
cg07476201	LCE3E	0.00631383	0.0163385	0.316169	-3.16287	0.000569266	0.123258	-8.11308	0.0760198	0.460964	-2.16937	0.0935255	0.485055	-2.06162	0.0064755	0.249475	-4.00842	0.467348	0.748202	-1.33654	0.00526292	0.236142	-4.23474	0.00711588	0.255722	-3.9105	0.0271937	0.358659	-2.78817	6.83063	16.644	2.16593	1
cg24000437	LCE3E	0.0375015	0.01937	0.105413	-9.48653	0.142511	0.285273	-3.50542	0.12396	0.265645	-3.76442	0.177967	0.320157	-3.12347	0.0230872	0.115121	-8.6865	0.054109	0.175629	-5.69383	0.0106532	0.0777018	-12.8697	0.0105024	0.0771303	-12.9651	0.0425851	0.156029	-6.40907	3.77129	37.8151	8.91298	1
cg21846488	LCE4A	6.55E-07	9.64E-08	0.0555239	-18.0103	4.31E-07	0.0920557	-10.863	0.028762	0.650966	-1.53618	4.63E-06	0.173917	-5.74986	0.0103439	0.584115	-1.71199	1.24E-06	0.124877	-8.00788	0.0773601	0.721211	-1.38656	1.23E-06	0.124604	-8.02541	0.000432769	0.395968	-2.52546	81.691	35.8463	0.390047	1
cg20823091	LCE4A	1.46E-06	8.22E-07	0.0857385	-11.6634	4.20E-07	0.0685842	-14.5806	0.0414465	0.645172	-1.54997	0.00454903	0.494444	-2.02247	0.00106041	0.405718	-2.46476	1.38E-06	0.100607	-9.93966	0.983155	1.00394	1.00394	1.30E-06	0.0989052	-10.1107	6.50E-05	0.254873	-3.92352	66.5971	36.6314	0.488928	1
cg00981443	LCE4A	3.63E-05	6.21E-05	0.110534	-9.04696	1.25E-05	0.0642308	-15.5689	0.00220379	0.277943	-3.59786	0.00165622	0.261043	-3.83079	0.00197598	0.27141	-3.68446	0.000681106	0.212521	-4.70542	8.22E-05	0.120375	-8.30736	5.69E-06	0.0473528	-21.1181	0.00142689	0.252481	-3.9607	28.9609	40.8265	1.25308	1
cg04221650	LCE4A;LCE4A	6.19E-07	8.43E-08	0.0285314	-35.0491	2.86E-06	0.104943	-9.52899	0.565499	1.12406	1.12406	8.46E-06	0.142001	-7.04221	0.19854	1.31459	1.31459	3.63E-06	0.112497	-8.88914	0.000102161	0.250329	-3.99474	4.18E-07	0.055258	-18.0969	0.000361969	0.316301	-3.16154	82.8609	53.1811	0.570499	1
cg16320885	LCE5A	1.23E-07	5.48E-08	0.142233	-7.03072	5.23E-07	0.232226	-4.30616	2.84E-08	0.119975	-8.33507	0.00133306	0.614233	-1.62805	9.88E-05	0.485647	-2.05911	5.87E-07	0.237242	-4.21511	5.14E-07	0.231411	-4.32132	0.0107529	0.71546	-1.3977	5.28E-07	0.232609	-4.29905	124.93	21.5968	0.153663	1
cg01868128	LCE5A	5.32E-07	7.61E-07	0.242804	-4.11855	3.63E-07	0.210619	-4.74792	7.10E-06	0.348046	-2.87318	0.00267532	0.643114	-1.55494	0.448612	0.921172	-1.08557	7.93E-06	0.353425	-2.82946	3.36E-07	0.20736	-4.82254	2.91E-07	0.201338	-4.96678	7.00E-05	0.462156	-2.16377	86.1437	15.4248	0.159164	1
cg00011513	LCE5A	7.27E-07	1.58E-07	0.15443	-6.47541	2.16E-07	0.166266	-6.01444	0.000444333	0.529845	-1.88734	0.000453225	0.530859	-1.88374	0.0504051	1.29113	1.29113	7.72E-06	0.324718	-3.07959	1.58E-06	0.249712	-4.00461	1.62E-05	0.361204	-2.76852	8.47E-05	0.445047	-2.24695	79.5357	16.5376	0.184824	1
cg05248781	LCE5A	1.63E-05	2.32E-05	0.203387	-4.91673	0.000206933	0.310548	-3.22011	2.14E-05	0.199829	-5.00428	0.000129049	0.285821	-3.49869	0.000112236	0.278671	-3.58846	4.95E-06	0.140789	-7.10284	0.000613411	0.370425	-2.6996	2.26E-05	0.202278	-4.94368	0.000164232	0.298343	-3.35184	35.74	20.0549	0.498786	1
cg09417355	LCE6A	7.57E-07	3.18E-07	0.032218	-31.0386	1.36E-07	0.0216694	-46.1481	0.00805432	0.457282	-2.18683	0.000328036	0.262451	-3.81024	0.861418	0.960522	-1.0411	8.64E-07	0.04887	-20.4624	0.718768	0.920021	-1.08693	1.85E-06	0.0649972	-15.3853	0.000925441	0.319715	-3.12779	78.7205	66.2497	0.748072	1
cg08101739	LCE6A	1.65E-06	1.45E-06	0.0706817	-14.1479	1.45E-07	0.0281408	-35.5356	0.0278741	0.569663	-1.75542	0.00214615	0.393204	-2.54321	0.0869689	0.664124	-1.50574	2.68E-05	0.165963	-6.02543	0.393816	0.827678	-1.2082	8.26E-07	0.0577227	-17.3242	0.000152925	0.245158	-4.079	64.5415	47.9273	0.660072	1
cg22124859	LCE6A	1.98E-06	2.59E-07	0.0217126	-46.0563	2.77E-06	0.0599026	-16.6938	0.442543	1.2165	1.2165	0.000249844	0.220364	-4.53794	0.610859	0.879463	-1.13706	3.36E-06	0.0643266	-15.5457	0.443219	0.822281	-1.21613	3.48E-06	0.0651674	-15.3451	0.000207966	0.211428	-4.72973	61.5579	61.0765	0.881938	1
cg26531371	LCE6A	3.38E-06	2.33E-06	0.079206	-12.6253	4.78E-07	0.0443344	-22.5559	0.00435126	0.431849	-2.31563	0.000385948	0.287058	-3.48361	0.314237	0.795033	-1.25781	1.23E-06	0.0634701	-15.7555	0.60982	0.892763	-1.12012	5.26E-05	0.189151	-5.28679	0.000519953	0.303379	-3.29621	53.6847	41.2982	0.683799	1
cg23624133	LCE6A	8.77E-05	4.52E-06	0.0650649	-15.3693	0.00373153	0.362359	-2.7597	0.601949	0.872492	-1.14614	0.00093538	0.278037	-3.59665	0.0662926	0.58633	-1.70552	0.000248238	0.208517	-4.79577	0.197663	1.42325	1.42325	0.000166316	0.189674	-5.27219	0.00342857	0.356837	-2.8024	22.9277	24.3946	0.945758	1
cg16265542	LCE6A	0.00199062	0.000583562	0.0845829	-11.8227	0.00188722	0.129199	-7.73997	0.0226914	0.281616	-3.55093	0.0116449	0.231117	-4.32681	0.0413352	0.335132	-2.9839	0.00093266	0.100733	-9.92727	0.134	0.472005	-2.11862	0.000721055	0.0916098	-10.9159	0.0191721	0.268041	-3.73077	9.65512	33.002	3.0383	1
cg13366738	LCE6A	0.00283791	0.000693687	0.0603184	-16.5787	0.00987604	0.170551	-5.86336	0.649644	0.780283	-1.28159	0.017796	0.209483	-4.77365	0.0244562	0.233571	-4.28136	0.000940608	0.0687866	-14.5377	0.159502	0.442405	-2.26037	0.000788007	0.0637581	-15.6843	0.0550345	0.307216	-3.25504	8.70027	40.5534	4.14326	1
cg00998782	LCE6A;LCE6A	0.00451109	0.00168995	0.0700094	-14.2838	0.00279747	0.0870222	-11.4913	0.382648	1.69998	1.69998	0.0221487	0.19678	-5.08182	0.720281	0.808071	-1.23751	0.00358677	0.0965637	-10.3559	0.0349819	0.233123	-4.28957	0.00370952	0.0979185	-10.2126	0.0354331	0.234228	-4.26934	7.57206	42.1237	4.94492	1
cg12710152	LCK	0.000754885	0.000112788	0.318473	-3.13999	0.00906906	0.57157	-1.74957	0.00110934	0.444579	-2.24932	0.00592124	0.544862	-1.83533	0.000900833	0.432572	-2.31175	0.000869934	0.430569	-2.32251	0.822779	1.03856	1.03856	0.0390427	0.668361	-1.4962	0.00458872	0.529143	-1.88985	12.7383	5.74027	0.400561	1
cg04249754	LCK	0.00152875	0.185963	0.829332	-1.20579	0.329944	0.874449	-1.14358	6.98E-05	0.379463	-2.6353	0.0258081	0.702421	-1.42365	0.000453707	0.478352	-2.09051	0.0276362	0.70645	-1.41553	0.0260546	0.70298	-1.42252	0.014229	0.667951	-1.49712	0.00804218	0.635657	-1.57318	10.4224	2.9395	0.250698	1
cg18118503	LCK	0.00175568	0.0243843	0.39826	-2.51092	0.0506738	0.465693	-2.14734	0.0111694	0.335732	-2.97857	0.0728101	0.503153	-1.98747	0.00257582	0.238315	-4.19613	0.005477	0.285478	-3.50289	0.000168416	0.111104	-9.00061	0.000960327	0.184923	-5.40766	0.00416018	0.267607	-3.73682	10.0139	18.681	1.65823	1
cg06517940	LCK	0.00926229	0.08491	0.735742	-1.35917	0.57138	0.911984	-1.09651	0.0129933	0.608665	-1.64294	0.0206568	0.638329	-1.56659	0.29376	1.19174	1.19174	0.077998	1.37086	1.37086	0.00329115	1.90602	1.90602	0.0679324	0.719412	-1.39002	0.465572	0.887262	-1.12706	6.05685	2.48877	0.365246	1
cg17078393	LCK	0.0498544	0.00494136	0.469862	-2.12829	0.980557	1.00496	1.00496	0.196011	0.757734	-1.31972	0.22015	0.76984	-1.29897	0.148438	0.730158	-1.36957	0.472832	0.862304	-1.15968	0.0232599	1.73376	1.73376	0.721238	0.929886	-1.0754	0.354911	0.824405	-1.213	3.39189	2.21148	0.579548	1
cg04503267	LCK;LCK	1.17E-05	0.71824	1.06431	1.06431	0.148956	0.766261	-1.30504	0.0299587	0.644517	-1.55155	0.0133918	1.6936	1.6936	3.61E-05	0.254321	-3.93204	0.0222019	0.624027	-1.60249	4.87E-07	0.0883548	-11.318	1.78E-05	0.221176	-4.52129	0.151327	0.767613	-1.30274	38.9545	18.2541	0.416534	1
cg14781242	LCK;LCK	1.33E-05	0.165062	0.840207	-1.19018	0.00324069	0.623697	-1.60334	1.81E-05	0.357307	-2.79872	0.255048	0.86961	-1.14994	9.47E-06	0.325344	-3.07367	0.000653316	0.541033	-1.84832	1.39E-06	0.235207	-4.25157	3.06E-05	0.383822	-2.60537	0.000578126	0.534722	-1.87013	37.7056	8.25453	0.194596	1
cg05787507	LCK;LCK	6.59E-05	0.0174416	0.646534	-1.54671	2.34E-05	0.279929	-3.57234	7.70E-05	0.339828	-2.94267	0.0849494	0.750463	-1.33251	0.00159014	0.50511	-1.97977	4.60E-06	0.204952	-4.87919	0.351506	0.865461	-1.15545	0.0163238	0.642441	-1.55656	0.00198388	0.517739	-1.93148	24.741	8.89858	0.319706	1
cg17223520	LCK;LCK	0.000584951	0.0461626	1.80837	1.80837	0.0263258	1.98009	1.98009	0.684179	0.899383	-1.11187	0.0195373	2.07883	2.07883	0.000800686	0.269164	-3.71521	0.156374	1.48165	1.48165	0.000184891	0.194415	-5.14364	0.00411505	0.368634	-2.71272	0.143437	1.50333	1.50333	13.6804	14.5688	0.946612	1
cg15116327	LCK;LCK	0.000965898	0.980951	0.99287	-1.00718	0.0134323	2.5029	2.5029	0.561467	1.19241	1.19241	0.592154	1.17596	1.17596	0.000994507	0.230893	-4.33101	0.258477	0.702305	-1.42388	0.00026367	0.165829	-6.0303	0.000502352	0.195792	-5.10746	0.344386	0.746832	-1.33899	11.8828	16.9065	1.26468	1
cg03243362	LCK;LCK	0.00123808	0.0988183	1.85424	1.85424	0.0233061	0.396568	-2.52163	0.799901	1.09052	1.09052	0.00312301	0.251864	-3.9704	0.331029	1.40802	1.40802	0.00597621	0.293447	-3.40777	0.000724899	0.173094	-5.77722	0.00151458	0.210409	-4.75265	0.0233736	2.52007	2.52007	11.0726	20.4126	1.6387	1
cg19508561	LCK;LCK	0.0036422	0.00373907	4.75994	4.75994	0.00103852	6.92765	6.92765	0.114767	1.98079	1.98079	0.108595	2.00869	2.00869	0.0155229	3.26391	3.26391	0.0411283	2.55755	2.55755	0.000517833	8.65518	8.65518	0.0255441	2.87892	2.87892	0.00527304	4.33145	4.33145	8.07687	20.3157	2.23582	1
cg09684338	LCK;LCK	0.0151782	0.782412	0.896816	-1.11506	0.00504627	4.30053	4.30053	0.0950546	2.05764	2.05764	0.462876	1.34172	1.34172	0.00991209	0.277602	-3.60228	0.147694	1.8423	1.8423	0.00882339	3.712	3.712	0.259085	1.58908	1.58908	0.219744	1.66133	1.66133	5.1605	12.6469	2.17841	1
cg05350315	LCK;LCK	0.0183735	0.230531	0.779502	-1.28287	0.167054	0.746984	-1.33872	0.363979	0.831313	-1.20292	0.85217	0.963731	-1.03763	0.000247433	0.301672	-3.31486	0.840595	0.960903	-1.04069	0.152483	0.738225	-1.3546	0.365986	0.83199	-1.20194	0.0684638	0.667688	-1.4977	4.84154	3.00724	0.552118	1
cg24924358	LCK;LCK	0.0221624	0.277417	0.563289	-1.77529	0.561038	0.74181	-1.34805	0.0110216	0.197837	-5.05467	0.055345	0.331661	-3.01512	0.00468709	0.148087	-6.75277	0.028942	0.270218	-3.70072	0.119772	0.424149	-2.35766	0.00530653	0.154604	-6.46815	0.0360058	0.289574	-3.45335	4.54246	18.5748	3.6348	1
cg10994944	LCK;LCK	0.0231518	0.0177839	2.71086	2.71086	0.00304224	4.07568	4.07568	0.199405	1.59872	1.59872	0.420663	1.32937	1.32937	0.00345298	3.95168	3.95168	0.400802	1.34665	1.34665	0.729779	1.1275	1.1275	0.0829528	1.94328	1.94328	0.0399755	2.27405	2.27405	4.4747	8.4873	1.68598	1
cg10325497	LCK;LCK	0.0463515	0.28645	1.53776	1.53776	0.737174	1.1399	1.1399	0.785444	0.899352	-1.11191	0.474298	1.32695	1.32695	0.0104175	0.285385	-3.50404	0.0940921	2.04538	2.04538	0.0100454	0.282765	-3.5365	0.609229	1.22192	1.22192	0.693051	1.16675	1.16675	3.4866	8.34533	2.12759	1
cg10837783	LCK;LCK	0.0495124	0.0771123	2.92401	2.92401	0.014259	5.20733	5.20733	0.523583	1.42316	1.42316	0.296055	1.80667	1.80667	0.0338911	3.86536	3.86536	0.600881	1.33395	1.33395	0.401362	1.59823	1.59823	0.0271836	0.239978	-4.16705	0.15664	2.28664	2.28664	3.40077	16.0508	4.19535	1
cg03795903	LCLAT1;LCLAT1	2.99E-05	0.191316	0.914634	-1.09333	5.72E-07	2.43755	2.43755	0.0100289	1.23323	1.23323	0.712179	1.02419	1.02419	0.982792	1.00139	1.00139	0.00277152	0.76633	-1.30492	0.00515934	0.788039	-1.26897	0.487364	1.04656	1.04656	0.0752956	1.13625	1.13625	30.4738	2.0078	0.0585653	1
cg17152978	LCLAT1;LCLAT1	0.00130549	0.935489	0.988921	-1.0112	0.00209205	1.81452	1.81452	0.0060149	1.6388	1.6388	0.000172631	2.40593	2.40593	0.504095	0.910921	-1.09779	0.131274	1.25135	1.25135	0.00090291	1.98072	1.98072	0.00246	1.7854	1.7854	0.154718	1.2332	1.2332	10.9059	3.27138	0.266634	1
cg10874102	LCLAT1;LCLAT1	0.00423398	0.0022859	2.26995	2.26995	0.598676	1.10747	1.10747	0.00720885	1.94756	1.94756	0.558112	0.892401	-1.12057	0.00678674	1.96269	1.96269	0.0339118	1.60959	1.60959	0.0683877	1.48021	1.48021	0.00441092	2.07613	2.07613	0.00100105	2.55747	2.55747	7.71888	4.51645	0.520104	1
cg10949345	LCLAT1;LCLAT1	0.0102213	0.435549	0.867133	-1.15323	0.332411	0.835945	-1.19625	0.153001	0.760139	-1.31555	0.888878	1.02537	1.02537	0.000281099	0.345016	-2.89842	0.075268	0.701218	-1.42609	0.018351	0.598782	-1.67006	0.286579	1.21935	1.21935	0.0586984	0.682027	-1.46622	5.86934	2.98533	0.452116	1
cg12454169	LCLAT1;LCLAT1	0.0115251	0.0112804	0.19799	-5.05076	0.335031	0.602107	-1.66083	0.0362234	0.288598	-3.46503	0.810947	1.13008	1.13008	0.00757945	0.173312	-5.76995	0.198852	0.500163	-1.99935	0.00378043	0.136159	-7.34434	0.00433007	0.142857	-7	0.0144015	0.214556	-4.66079	5.64688	23.2884	3.66588	1
cg10766942	LCLAT1;LCLAT1	0.0164129	0.319603	0.676015	-1.47926	0.242401	0.627663	-1.59321	0.00348358	0.221072	-4.52342	0.334555	1.46063	1.46063	0.00566707	0.25115	-3.98169	0.112793	0.518344	-1.92922	0.00695607	0.26467	-3.77829	0.382634	1.40613	1.40613	0.321259	0.67698	-1.47715	5.02815	11.5409	2.04023	1
cg11345976	LCLAT1;LCLAT1	0.0258534	0.0276056	0.285409	-3.50375	0.207294	1.89671	1.89671	0.493178	0.715343	-1.39793	0.749752	0.857237	-1.16654	0.0161978	0.242742	-4.11961	0.115078	0.438344	-2.28131	0.00730585	0.18918	-5.28596	0.900811	0.941744	-1.06186	0.00988374	0.208224	-4.80251	4.30656	15.8039	3.26198	1
cg15175514	LCLAT1;LCLAT1	0.029921	0.022461	0.575209	-1.7385	0.0593145	1.53819	1.53819	0.503739	1.1471	1.1471	0.275371	0.794912	-1.258	0.607975	0.900639	-1.11032	0.496229	0.869585	-1.14997	0.00232942	0.423217	-2.36286	0.919739	0.97982	-1.0206	0.165435	0.74139	-1.34882	4.09066	2.65046	0.575937	1
cg15652532	LCLAT1;LCLAT1	0.0426115	0.0974707	0.595591	-1.67901	0.00174615	0.280378	-3.56662	0.108431	0.607131	-1.64709	0.421975	0.791564	-1.26332	0.0518315	0.532304	-1.87863	0.619143	0.866934	-1.15349	0.0324989	0.490062	-2.04056	0.0659467	0.555503	-1.80017	0.251036	0.710523	-1.40741	3.59797	4.62724	1.14317	1
cg21340093	LCLAT1;LCLAT1	0.0435065	0.344402	0.804179	-1.2435	0.111636	0.678601	-1.47362	0.00951704	0.479513	-2.08545	0.209896	0.744013	-1.34406	0.00398304	0.420528	-2.37796	0.241761	0.760196	-1.31545	0.898733	0.971911	-1.0289	0.0411683	0.590285	-1.6941	0.0522539	0.610171	-1.63888	3.57025	2.83139	0.704934	1
cg04832411	LCMT1;LCMT1	0.00388367	0.00054181	0.223073	-4.48284	0.703422	1.1126	1.1126	0.228272	1.423	1.423	0.853994	1.05273	1.05273	0.934935	0.97748	-1.02304	0.00351276	0.33143	-3.01723	0.298138	0.74018	-1.35102	0.895124	0.963877	-1.03748	0.00112545	0.262498	-3.80955	7.9226	9.76457	1.09555	1
cg02349713	LCMT1;LCMT1	0.00523415	0.271443	0.830845	-1.20359	0.961265	0.99217	-1.00789	0.00668409	0.565807	-1.76739	0.76494	0.952623	-1.04973	0.0793634	0.729623	-1.37057	0.572074	1.09682	1.09682	0.000108767	0.331645	-3.01528	0.719535	1.0601	1.0601	0.808045	0.961368	-1.04018	7.23664	3.00279	0.368837	1
cg01267899	LCMT1;LCMT1	0.0118609	0.0764814	2.23029	2.23029	0.015111	3.37109	3.37109	0.0218903	3.06342	3.06342	0.856809	1.07629	1.07629	0.0948429	2.11113	2.11113	0.336533	0.668083	-1.49682	0.000748106	8.02258	8.02258	0.0237267	3.00087	3.00087	0.120796	1.98348	1.98348	5.59461	14.6809	2.33254	1
cg00721772	LCMT1;LCMT1	0.0134418	0.0136591	0.226272	-4.41946	0.0379942	0.309754	-3.22836	0.00592079	0.173114	-5.77655	0.116467	0.43561	-2.29563	0.0197321	0.253639	-3.94261	0.23584	0.545956	-1.83165	0.00332623	0.142661	-7.00962	0.0101853	0.206273	-4.84795	0.01596	0.237527	-4.21004	5.37112	20.1901	3.34135	1
cg02548290	LCMT1;LCMT1	0.0185738	0.0351015	0.440872	-2.26823	0.00588101	0.300437	-3.32849	0.0248629	0.410297	-2.43726	0.343632	0.72219	-1.38468	0.0142613	0.364808	-2.74116	0.0101441	0.338961	-2.95019	0.0124836	0.354535	-2.8206	0.475474	0.784981	-1.27392	0.017324	0.380238	-2.62993	4.82387	8.5034	1.56691	1
cg09114584	LCMT1;LCMT1	0.0468538	0.214357	1.27938	1.27938	0.564368	1.11608	1.11608	0.28124	1.23501	1.23501	0.0711039	1.46226	1.46226	0.0390097	0.637434	-1.56879	0.23973	1.26115	1.26115	0.0122619	0.555444	-1.80036	0.172238	0.760451	-1.31501	0.925239	1.01785	1.01785	3.47249	1.95358	0.500079	1
cg12024304	LCMT2;ADAL;ADAL	0.00803015	0.675722	1.04407	1.04407	0.0027749	1.52634	1.52634	0.00942794	1.40117	1.40117	0.0666132	1.2347	1.2347	0.79277	0.973373	-1.02736	0.00575198	0.690041	-1.44919	0.220029	0.876179	-1.14132	0.335004	0.903109	-1.10729	0.439797	0.922414	-1.08411	6.33664	1.05445	0.147916	1
cg00040426	LCN1	0.0288601	0.0779101	0.399122	-2.5055	0.141104	2.10031	2.10031	0.900698	0.943152	-1.06027	0.0269938	0.292934	-3.41374	0.0193246	0.265432	-3.76745	0.691224	0.829295	-1.20584	0.0108233	0.222999	-4.48433	0.0141858	0.242028	-4.13175	0.611608	0.786561	-1.27136	4.14331	14.4244	3.09456	1
cg23815000	LCN1	0.0428352	0.49305	0.763782	-1.30927	0.802079	1.1021	1.1021	0.0924393	0.488288	-2.04797	0.37959	0.705453	-1.41753	0.0484382	0.417776	-2.39363	0.353694	0.691163	-1.44684	0.00147368	0.169237	-5.90888	0.0376125	0.393121	-2.54374	0.219595	0.606711	-1.64823	3.59098	8.52201	2.10949	1
cg22588936	LCN10	1.49E-05	2.16E-05	0.322146	-3.10418	5.11E-05	0.365809	-2.73367	0.00148408	0.544589	-1.83625	7.97E-05	0.38872	-2.57255	1.35E-06	0.19435	-5.14535	0.00119837	0.532988	-1.87621	2.56E-05	0.330712	-3.02378	0.000294507	0.457565	-2.18548	0.000826634	0.512909	-1.94966	36.5602	10.1776	0.247447	1
cg10434996	LCN10	0.0413818	0.649063	1.13388	1.13388	0.594261	0.862913	-1.15887	0.0571505	0.554231	-1.8043	0.586028	1.16277	1.16277	0.0967293	0.606518	-1.64876	0.247552	1.39312	1.39312	0.00423949	0.350022	-2.85697	0.0231276	0.474845	-2.10595	0.724965	0.907672	-1.10172	3.63725	4.33233	1.05876	1
cg13493001	LCN12	0.00674178	0.0741106	0.647806	-1.54367	0.99535	0.99873	-1.00127	0.00526568	0.448152	-2.23138	0.240917	0.765055	-1.3071	0.000295483	0.27643	-3.61755	0.12945	0.699513	-1.42957	0.438607	0.841695	-1.18808	0.175957	1.36873	1.36873	0.348004	1.23464	1.23464	6.693	5.04426	0.669922	1
cg19534945	LCN12	0.00789715	0.336059	0.86826	-1.15173	0.120785	1.27076	1.27076	0.00386423	0.574477	-1.74071	0.487718	1.10562	1.10562	0.000986361	0.497885	-2.0085	0.2001	1.21259	1.21259	0.0831152	1.3142	1.3142	0.752235	1.04614	1.04614	0.45712	0.897767	-1.11387	6.37002	2.04613	0.285522	1
cg16536450	LCN15	0.00449805	0.474897	1.16675	1.16675	0.00515211	0.456555	-2.19032	0.00032722	0.291685	-3.42836	0.38606	0.828126	-1.20755	0.0139468	0.524906	-1.9051	0.947801	1.01399	1.01399	0.0167207	0.537981	-1.8588	0.00673126	0.474381	-2.10801	0.571306	0.88566	-1.1291	7.57872	5.40674	0.634143	1
cg14164262	LCN15	0.00691017	0.701259	0.876695	-1.14065	0.0238484	2.51077	2.51077	0.0268038	0.408372	-2.44875	0.0425521	0.450565	-2.21943	0.0226983	0.394082	-2.53754	0.871174	1.05697	1.05697	0.284701	0.684276	-1.4614	0.000491671	0.155116	-6.44681	0.190343	0.622831	-1.60557	6.6418	12.2607	1.64088	1
cg18648004	LCN15	0.0114673	0.148591	0.726592	-1.37629	0.623248	0.902967	-1.10746	0.631291	0.90513	-1.10481	0.36621	0.825827	-1.21091	0.0128599	0.528992	-1.89039	0.409224	0.840305	-1.19004	0.691511	0.921071	-1.08569	0.000177057	0.26976	-3.707	0.755205	0.937561	-1.0666	5.65606	3.80668	0.598247	1
cg04408841	LCN15	0.0188904	0.425992	0.756584	-1.32173	0.504964	0.792831	-1.2613	0.0777002	0.510265	-1.95977	0.233231	0.651224	-1.53557	0.0279104	0.410053	-2.43871	0.66031	0.859194	-1.16388	0.00976608	0.32586	-3.0688	0.000604314	0.162893	-6.13901	0.315821	0.700551	-1.42745	4.79643	8.94497	1.65771	1
cg01871963	LCN2	9.37E-05	0.00047183	0.613124	-1.63099	0.276002	1.10618	1.10618	7.78E-06	0.417572	-2.3948	0.0181494	0.774539	-1.29109	6.04E-05	0.516828	-1.93488	0.214643	0.890175	-1.12337	0.301969	0.90916	-1.09992	0.000142561	0.557609	-1.79337	0.0292983	0.7956	-1.25691	22.531	2.83011	0.111653	1
cg13518265	LCN2	0.000665883	0.00285121	0.3278	-3.05064	0.238244	0.714941	-1.39872	0.00037142	0.21285	-4.69814	0.000320188	0.205562	-4.86471	0.000292502	0.201193	-4.97036	0.0144951	0.441229	-2.26639	0.000586289	0.236173	-4.23419	0.00531213	0.368689	-2.71232	0.346946	0.768687	-1.30092	13.1943	15.4184	1.03873	1
cg21157065	LCN2	0.00170852	0.754544	0.929834	-1.07546	0.162397	1.41335	1.41335	0.00185043	0.358754	-2.78743	0.0591115	1.63937	1.63937	0.523456	1.16182	1.16182	0.862896	1.04091	1.04091	0.000421518	3.6552	3.6552	0.0104708	2.11148	2.11148	0.00265761	2.62236	2.62236	10.0932	8.60044	0.757428	1
cg14631896	LCN2	0.00256365	0.0394272	1.19737	1.19737	0.106006	0.87505	-1.14279	0.00461431	0.752023	-1.32975	0.0195536	1.23778	1.23778	0.00423958	1.33562	1.33562	0.657342	1.03433	1.03433	0.0130075	1.26236	1.26236	0.00609853	0.762881	-1.31082	0.282617	1.08807	1.08807	8.96542	0.811582	0.0804654	1
cg13752460	LCN6	0.0114638	0.219615	0.607968	-1.64482	0.00258202	0.19983	-5.00427	0.0290904	0.371005	-2.69538	0.646941	0.837125	-1.19456	0.00349239	0.217033	-4.6076	0.0376234	0.394654	-2.53386	0.00248575	0.197736	-5.05725	0.0815867	0.475154	-2.10458	0.131656	0.533989	-1.8727	5.65662	13.3145	2.09225	1
cg17935703	LCN6	0.0279283	0.417159	0.776806	-1.28732	0.158852	0.632104	-1.58202	0.0018614	0.260584	-3.83754	0.0303523	0.460544	-2.17134	0.0117393	0.383339	-2.60866	0.0737548	0.544906	-1.83518	0.0352369	0.473777	-2.1107	0.0982966	0.575633	-1.73722	0.114739	0.593061	-1.68617	4.19157	6.15907	1.30613	1
cg13839917	LCN8	0.00749615	0.128736	0.638274	-1.56672	0.642874	1.13621	1.13621	0.968626	0.989302	-1.01081	0.003555	0.339485	-2.94563	0.000510696	0.226696	-4.41119	0.964808	0.988007	-1.01214	0.267303	1.37168	1.37168	0.0146593	0.439653	-2.27452	0.306046	0.7484	-1.33618	6.47505	7.66956	1.05287	1
cg10149605	LCNL1	0.017488	0.00235404	8.61652	8.61652	0.248957	1.84333	1.84333	0.28029	1.76753	1.76753	0.421902	1.51643	1.51643	0.00231104	8.67508	8.67508	0.909961	1.05909	1.05909	0.53726	0.728295	-1.37307	0.971993	1.01798	1.01798	0.0164774	4.42438	4.42438	4.9226	20.0805	3.626	1
cg06516820	LCNL1	0.0367754	0.0161907	2.41588	2.41588	0.0504964	1.95111	1.95111	0.044531	1.99732	1.99732	0.127972	1.638	1.638	0.122311	1.65227	1.65227	0.130791	1.63115	1.63115	0.00295637	3.3994	3.3994	0.707885	1.11949	1.11949	0.0408144	2.03001	2.03001	3.79828	5.40953	1.26596	1
cg24296478	LCOR;LCOR	3.37E-05	0.0001269	0.262027	-3.8164	0.0122086	1.87205	1.87205	0.00802707	1.97795	1.97795	0.000457818	3.02865	3.02865	8.12E-05	0.239954	-4.16746	0.0134894	1.84803	1.84803	0.112427	1.41486	1.41486	0.000145117	3.71978	3.71978	0.000969569	0.373054	-2.68057	29.5397	18.8651	0.567674	1
cg07803859	LCOR;LCOR	0.00248458	0.0480199	0.46073	-2.17047	0.630605	1.18072	1.18072	0.0717968	1.99211	1.99211	0.00074399	5.78629	5.78629	0.0173603	0.370345	-2.70018	0.020183	2.61324	2.61324	0.540909	0.808776	-1.23644	0.00813672	3.1948	3.1948	0.0275807	0.409303	-2.44318	9.0485	16.8475	1.65503	1
cg00263792	LCOR;LCOR	0.00307335	0.36018	0.85319	-1.17207	0.000256867	0.362145	-2.76132	0.000577761	0.40708	-2.45652	0.287734	0.830033	-1.20477	0.885679	0.976012	-1.02458	0.628653	1.08573	1.08573	0.0620251	1.42565	1.42565	0.817452	1.03979	1.03979	0.507447	0.892709	-1.12019	8.49695	3.83335	0.401017	1
cg16667676	LCOR;LCOR;LCOR	0.0025159	0.0028782	0.292516	-3.41861	0.133711	0.615695	-1.62418	0.00844024	0.364748	-2.74162	0.39109	0.76836	-1.30147	0.00252929	0.28452	-3.5147	0.00483957	0.326106	-3.06649	0.000442422	0.189507	-5.27686	0.561838	1.1923	1.1923	0.0052647	0.331771	-3.01413	9.0152	12.8379	1.2658	1
cg03767951	LCOR;LCOR;LCOR	0.00355694	0.694878	0.941576	-1.06205	0.0488681	0.709289	-1.40986	0.0179454	0.644552	-1.55147	0.15766	1.25951	1.25951	0.0123784	0.62158	-1.6088	0.0166563	0.639905	-1.56273	0.000120522	0.358401	-2.79017	0.280163	0.842452	-1.18701	0.133891	0.78124	-1.28002	8.13441	3.00446	0.328313	1
cg25589001	LCOR;LCOR;LCOR	0.00731351	0.253789	1.41418	1.41418	0.139797	1.58726	1.58726	0.072138	1.79257	1.79257	0.0333042	2.06139	2.06139	0.0903077	0.581135	-1.72077	0.0182779	2.30005	2.30005	0.0193408	2.27623	2.27623	0.000424884	5.0682	5.0682	0.952517	0.982833	-1.01747	6.52523	8.73887	1.19044	1
cg17989089	LCOR;LCOR;LCOR	0.0133226	0.885198	1.01762	1.01762	0.010585	1.47514	1.47514	0.552878	0.929982	-1.07529	0.366574	1.11869	1.11869	0.00509238	1.56461	1.56461	0.237825	1.16127	1.16127	0.0121269	0.685172	-1.45949	0.647994	0.945937	-1.05715	0.0219365	1.39431	1.39431	5.3868	1.24732	0.205823	1
cg13918042	LCOR;LCOR;LCOR	0.0259746	0.456181	0.69843	-1.43178	0.0971886	2.36532	2.36532	0.207266	1.87568	1.87568	0.439657	1.45172	1.45172	0.0563204	0.359839	-2.77902	0.217661	0.541529	-1.84662	0.011087	0.221726	-4.51007	0.0189445	3.83413	3.83413	0.172854	0.503558	-1.98587	4.29954	15.2312	3.14891	1
cg11526424	LCOR;LCOR;LCOR	0.0271045	0.186558	0.726721	-1.37604	0.00506868	0.429677	-2.32733	0.0841977	0.646913	-1.5458	0.916969	0.976507	-1.02406	0.0653977	0.624062	-1.60241	0.589346	1.13228	1.13228	0.0121289	2.03976	2.03976	0.656081	0.902864	-1.10759	0.751328	1.07517	1.07517	4.23592	3.48675	0.731678	1
cg00556087	LCOR;LCOR;LCOR;LCOR;LCOR	2.24E-05	0.974755	1.00163	1.00163	0.000419695	1.33234	1.33234	0.301967	0.946603	-1.05641	0.0544572	0.89407	-1.11848	0.00265549	0.807904	-1.23777	0.00705489	1.19566	1.19566	0.275848	0.943491	-1.05989	5.51E-07	0.490516	-2.03867	0.680063	0.978946	-1.02151	32.8859	1.37149	0.0370707	1
cg07856387	LCORL	0.0470271	0.0985242	0.645397	-1.54943	0.751019	0.925947	-1.07998	0.0901044	0.636686	-1.57063	0.0670612	0.608897	-1.64231	0.0251904	0.525488	-1.90299	0.846688	1.0479	1.0479	0.941783	0.982502	-1.01781	0.06692	0.608704	-1.64283	0.00341061	0.382196	-2.61646	3.46766	3.20831	0.822407	1
cg04541695	LCORL;LCORL	0.000211876	0.785428	1.03472	1.03472	0.0360781	0.737219	-1.35645	0.000413988	2.01524	2.01524	1.20E-05	3.18104	3.18104	0.00104932	1.83378	1.83378	0.30402	1.1424	1.1424	0.00222702	1.7087	1.7087	0.716892	0.95548	-1.04659	0.879508	1.01915	1.01915	18.0859	4.47985	0.220176	1
cg15092420	LCORL;LCORL	0.000223317	0.00587119	0.443197	-2.25633	0.000121389	0.219832	-4.54893	0.00127013	0.346057	-2.8897	0.00529796	0.436289	-2.29206	8.55E-05	0.20342	-4.91593	0.00568169	0.440984	-2.26765	5.29E-05	0.181982	-5.49504	0.786974	0.940698	-1.06304	0.0029576	0.398189	-2.51137	17.8293	14.383	0.717072	1
cg20358902	LCORL;LCORL	0.00897655	0.0149865	0.542618	-1.84292	0.00911133	0.50802	-1.96842	0.0399703	0.615517	-1.62465	0.927906	1.01867	1.01867	0.00846592	0.503025	-1.98797	0.24847	0.781452	-1.27967	0.0772318	0.66927	-1.49417	0.14778	1.37359	1.37359	0.00171145	0.400431	-2.49731	6.11744	4.04828	0.588232	1
cg01089331	LCORL;LCORL	0.0121616	0.0100252	0.33013	-3.02911	0.182835	0.617574	-1.61924	0.0392294	0.44334	-2.25561	0.823092	1.07934	1.07934	0.0282475	0.413459	-2.41862	0.125286	0.567963	-1.76068	0.0136424	0.353366	-2.82992	0.000672445	0.169753	-5.89093	0.397482	0.74424	-1.34365	5.54934	10.2169	1.63653	1
cg22171358	LCORL;LCORL	0.0127722	0.0250344	0.464797	-2.15148	0.0105389	0.396625	-2.52128	0.00502965	0.344266	-2.90473	0.276012	0.722064	-1.38492	0.00159247	0.271954	-3.67709	0.9878	1.0044	1.0044	0.479476	0.813352	-1.22948	0.585944	1.17125	1.17125	0.0500103	0.526096	-1.90079	5.46156	7.14363	1.16265	1
cg23562514	LCORL;LCORL	0.026998	0.568791	0.936306	-1.06803	0.305989	1.12876	1.12876	0.651799	1.05328	1.05328	0.0114288	1.43577	1.43577	0.359625	0.89796	-1.11364	0.971002	0.995855	-1.00416	0.00210222	0.609983	-1.63939	0.486071	1.08424	1.08424	0.487916	1.08386	1.08386	4.24178	0.877246	0.183832	1
cg05762700	LCORL;LCORL	0.0320593	0.697663	0.949716	-1.05295	0.0219817	1.43784	1.43784	0.968478	0.994791	-1.00524	0.968558	1.00522	1.00522	0.930159	1.01165	1.01165	0.601754	1.07207	1.07207	0.00266908	0.577591	-1.73133	0.290617	1.15597	1.15597	0.0690506	1.30847	1.30847	3.99123	1.10406	0.245885	1
cg19060371	LCP1	0.00211723	0.0993333	0.627955	-1.59247	0.859306	1.04676	1.04676	0.00144599	0.305549	-3.27279	0.112269	0.640612	-1.56101	0.000229077	0.206719	-4.83748	0.970062	0.990381	-1.00971	0.00594032	0.395899	-2.5259	0.0459498	1.80247	1.80247	0.0235685	0.498377	-2.00651	9.483	9.96262	0.933846	1
cg10983853	LCP1	0.00280611	0.00544928	0.383861	-2.60511	0.00908087	0.419692	-2.3827	0.000925437	0.273757	-3.65287	0.972575	0.991037	-1.00904	?	?	?	0.0016791	0.308426	-3.24226	0.0264923	0.502126	-1.99153	0.0912931	0.614446	-1.62748	0.0022046	0.325038	-3.07656	8.92481	8.61724	0.965538	1
cg01794555	LCP1	0.00324249	0.00953794	0.312876	-3.19616	0.375094	0.724561	-1.38015	0.00235121	0.222638	-4.4916	0.0189065	0.365619	-2.73509	0.000424951	0.138725	-7.20851	0.967361	0.985623	-1.01459	0.00256368	0.227606	-4.39356	0.525725	1.25554	1.25554	0.0357646	0.421174	-2.37432	8.36252	16.5896	1.76339	1
cg23205648	LCP1	0.00871849	0.87325	1.04451	1.04451	0.00763315	2.54869	2.54869	0.00710441	0.387281	-2.58211	0.476234	0.820709	-1.21846	0.0121326	0.426204	-2.3463	0.033702	1.96704	1.96704	0.198906	0.690536	-1.44815	0.0828821	1.68845	1.68845	0.272825	0.732485	-1.36522	6.17425	7.27559	1.04744	1
cg25827710	LCP1	0.0161472	0.900714	1.05227	1.05227	0.724887	1.15517	1.15517	0.00710148	0.241752	-4.13648	0.00838814	0.2529	-3.95414	0.00847356	0.253591	-3.94336	0.51299	0.762732	-1.31108	0.253491	0.614558	-1.62719	0.128749	1.95466	1.95466	0.0186384	0.312144	-3.20365	5.05556	13.3443	2.34624	1
cg02696428	LCP1	0.0166385	0.0366371	0.53744	-1.86067	0.268353	1.34287	1.34287	0.928454	0.977297	-1.02323	0.144278	0.669602	-1.49342	0.00107638	0.290877	-3.43788	0.0499459	0.564559	-1.77129	0.688646	0.902128	-1.10849	0.108957	0.639537	-1.56363	0.0119469	0.448401	-2.23015	5.0053	5.18366	0.920563	1
cg06477663	LCP1	0.0230753	0.975396	0.990725	-1.00936	0.183419	0.652811	-1.53184	0.0046711	0.320962	-3.11563	0.0259682	0.449962	-2.22241	0.277483	1.4067	1.4067	0.340221	0.743058	-1.34579	0.01664	2.41931	2.41931	0.400285	1.29712	1.29712	0.42055	0.779863	-1.28228	4.47981	6.47726	1.28523	1
cg02479468	LCP1	0.0315098	0.120419	0.566406	-1.76552	0.0063482	0.301499	-3.31676	0.0208098	0.391055	-2.55719	0.0675743	0.501044	-1.99583	0.00565159	0.293631	-3.40564	0.038974	0.446436	-2.23996	0.243747	0.662604	-1.5092	0.330721	0.712705	-1.40311	0.0425302	0.454686	-2.19932	4.01599	7.24316	1.60318	1
cg17771150	LCP1	0.0337632	0.25536	0.754761	-1.32492	0.777055	1.06958	1.06958	0.039986	0.569809	-1.75497	0.00573496	0.423988	-2.35856	0.461622	0.837303	-1.19431	0.35369	1.25369	1.25369	0.0248632	1.88268	1.88268	0.341107	1.26166	1.26166	0.359659	0.799997	-1.25001	3.91769	3.48326	0.79032	1
cg14433609	LCP1	0.0375553	0.791129	1.11444	1.11444	0.709553	1.165	1.165	0.153493	0.535885	-1.86607	0.627582	0.819095	-1.22086	0.211579	0.584383	-1.71121	0.0137626	0.288487	-3.46636	0.00185355	0.16472	-6.0709	0.542076	0.777307	-1.28649	0.0705595	0.438271	-2.28169	3.76932	9.9469	2.3457	1
cg03627295	LCP1;LCP1	0.0215892	0.980837	0.995454	-1.00457	0.0344532	0.626332	-1.5966	0.00856702	0.529325	-1.8892	0.0349274	0.627345	-1.59402	0.487097	1.14332	1.14332	0.877144	0.971081	-1.02978	0.0143437	1.77296	1.77296	0.0566447	0.664133	-1.50572	0.741718	0.93919	-1.06475	4.58346	2.61206	0.506567	1
cg17752270	LCP2	0.0174137	0.0048303	0.237505	-4.21043	0.0560515	0.435078	-2.29844	0.0415189	0.404986	-2.46922	0.0080213	0.2708	-3.69277	0.00448748	0.232936	-4.29302	0.0748538	0.466274	-2.14466	0.0283207	0.369525	-2.70618	0.0704374	0.45952	-2.17618	0.0351955	0.389298	-2.56873	4.92964	11.5461	2.08194	1
cg05265596	LCP2	0.0244935	0.041394	0.392632	-2.54691	0.0337796	0.373391	-2.67816	0.0177613	0.318036	-3.14429	0.0941335	0.481219	-2.07806	0.00196843	0.175814	-5.68784	0.0858065	0.47022	-2.12666	0.136695	0.528786	-1.89112	0.0151372	0.305421	-3.27417	0.54029	0.781621	-1.27939	4.38833	10.9774	2.22355	1
cg08748308	LCP2	0.028469	0.0107193	0.27734	-3.60569	0.0110516	0.27955	-3.57718	0.0474825	0.403862	-2.4761	0.127808	0.517656	-1.93178	0.0119873	0.2855	-3.50263	0.142275	0.532131	-1.87924	0.0534205	0.415853	-2.40469	0.0137469	0.295757	-3.38115	0.920744	0.960981	-1.0406	4.16333	10.546	2.25162	1
cg02676052	LCP2	0.0299569	0.00697273	0.213248	-4.68937	0.170128	0.523669	-1.9096	0.0309796	0.325827	-3.06911	0.272199	0.602881	-1.6587	0.00519755	0.195347	-5.1191	0.0224806	0.298099	-3.35459	0.0851021	0.430454	-2.32313	0.561235	0.770968	-1.29707	0.0309598	0.32577	-3.06965	4.08892	12.6951	2.75977	1
cg04167833	LCP2	0.0377746	0.0452332	0.325714	-3.07018	0.186885	0.505029	-1.98009	0.0647901	0.363225	-2.75311	0.594891	0.769459	-1.29961	0.00472811	0.160015	-6.24941	0.20149	0.517554	-1.93217	0.00606688	0.173813	-5.75332	0.126262	0.445866	-2.24283	0.0459779	0.32733	-3.05502	3.76131	14.2033	3.35659	1
cg09451413	LCP2;LCP2	0.00138987	0.428053	0.808007	-1.23761	0.894277	0.965574	-1.03565	0.0054707	0.381904	-2.61846	0.00166476	0.305717	-3.271	0.000154776	0.18129	-5.51602	0.0145397	0.452436	-2.21026	0.000724373	0.25804	-3.87536	0.0277654	0.503916	-1.98446	0.00642527	0.39298	-2.54466	10.7118	11.7772	0.977297	1
cg20697578	LCT	3.71E-06	0.230413	1.12503	1.12503	0.0238786	1.28711	1.28711	0.259259	1.1165	1.1165	0.120473	0.854113	-1.1708	0.0203868	1.29916	1.29916	6.31E-08	0.179651	-5.56634	0.00110032	1.56917	1.56917	0.00254484	1.48004	1.48004	0.264368	1.11508	1.11508	52.4236	7.27864	0.123416	1
cg26091981	LCT	7.20E-05	0.0339016	0.65973	-1.51577	0.0265328	0.64299	-1.55523	0.617722	0.918969	-1.08818	9.20E-05	0.309476	-3.23127	1.35E-05	0.216773	-4.61311	0.234093	0.810997	-1.23305	1.89E-05	0.231884	-4.31251	0.728683	1.06023	1.06023	0.000179284	0.344557	-2.90228	24.1661	10.7953	0.397078	1
cg14667406	LCT	0.000115985	0.136223	1.33154	1.33154	0.000103804	3.40157	3.40157	0.878296	0.973041	-1.02771	2.18E-05	0.218263	-4.58163	0.933695	0.985269	-1.01495	0.145032	1.32197	1.32197	0.00159919	0.445954	-2.24238	0.017786	1.67186	1.67186	0.0170765	1.67959	1.67959	21.2784	10.7194	0.447793	1
cg07305463	LCT	0.0005038	0.000131714	0.221998	-4.50454	0.672102	0.907929	-1.10141	0.0101252	2.08755	2.08755	0.000671564	0.307187	-3.25535	0.000430597	0.282611	-3.53843	0.980695	1.0055	1.0055	0.107315	1.49	1.49	0.914189	1.02476	1.02476	0.0500029	0.602257	-1.66042	14.2605	11.6252	0.724623	1
cg25344623	LCT	0.00143168	0.00205283	0.177215	-5.64285	0.00969544	0.271512	-3.68308	0.818292	1.09602	1.09602	0.00175362	0.16921	-5.90982	0.00022157	0.0862494	-11.5943	0.529786	0.776002	-1.28866	0.00261311	0.189996	-5.26326	0.93303	0.967069	-1.03405	0.00346408	0.205749	-4.86029	10.621	26.7006	2.23461	1
cg17750252	LCT	0.00281797	0.00125997	0.627972	-1.59243	0.00201896	1.5379	1.5379	0.00143682	0.634188	-1.57682	0.197892	0.874159	-1.14396	0.391496	0.916894	-1.09064	0.125883	0.849025	-1.17782	0.309471	1.10953	1.10953	0.545454	0.941323	-1.06233	0.506567	1.06886	1.06886	8.71845	1.34852	0.137489	1
cg20242066	LCT	0.0171885	0.72158	1.05484	1.05484	0.86209	1.02628	1.02628	0.514075	0.90599	-1.10376	0.944286	0.989626	-1.01048	0.0460261	1.40656	1.40656	0.405875	1.13527	1.13527	0.00160515	0.509078	-1.96434	0.276717	0.844678	-1.18388	0.00821314	0.603796	-1.65619	4.95117	1.74562	0.313393	1
cg04750100	LCT	0.0178718	0.464387	0.830796	-1.20367	0.092604	1.58521	1.58521	0.00509723	0.39795	-2.51288	0.29301	0.762193	-1.312	0.487439	1.19199	1.19199	0.170126	1.43866	1.43866	0.0141762	0.470775	-2.12416	0.283411	0.757724	-1.31974	0.0128895	0.463662	-2.15674	4.88686	4.79619	0.872397	1
cg15123519	LCT	0.0199267	0.0485298	0.284901	-3.50999	0.00306159	0.104392	-9.57928	0.0343366	0.252735	-3.95671	0.0750353	0.331347	-3.01799	0.0205304	0.211203	-4.73479	0.0357147	0.256209	-3.90307	0.00545617	0.13048	-7.66399	0.430376	0.638616	-1.56589	0.045085	0.277736	-3.60054	4.71044	23.1588	4.37021	1
cg15166050	LCTL	0.0179441	0.0117082	0.653664	-1.52984	0.105386	0.787557	-1.26975	0.16066	0.81686	-1.2242	0.0592557	0.750162	-1.33305	0.745357	0.956965	-1.04497	0.0135822	0.662169	-1.51019	0.00832077	1.57664	1.57664	0.184963	0.827141	-1.20898	0.978777	1.0036	1.0036	4.88023	1.40839	0.256526	1
cg27276395	LCTL	0.0237062	0.617619	0.900311	-1.11073	0.806504	0.950086	-1.05254	0.0452734	0.619275	-1.61479	0.743819	0.933867	-1.07082	0.00680729	0.481156	-2.07833	0.00211461	0.405884	-2.46376	0.0129896	0.525623	-1.9025	0.313161	0.804393	-1.24317	0.161069	0.731744	-1.3666	4.43828	3.06011	0.612872	1
cg25923629	LCTL	0.0246958	0.160638	0.689222	-1.45091	0.00159697	0.324727	-3.07951	0.0759966	0.612385	-1.63296	0.418164	0.814268	-1.2281	0.00728425	0.423349	-2.36212	0.287383	1.31566	1.31566	0.149812	0.681493	-1.46737	0.157758	0.687204	-1.45517	0.496566	0.842449	-1.18702	4.37582	4.27455	0.868319	1
cg00624332	LDB1	0.00210443	0.00341341	0.681887	-1.46652	0.0069401	1.39957	1.39957	0.0168475	1.32395	1.32395	0.00196112	0.656273	-1.52376	0.177976	1.14768	1.14768	0.954668	1.00549	1.00549	0.228509	0.885482	-1.12933	0.00644255	1.40629	1.40629	0.383184	1.08987	1.08987	9.49981	1.39329	0.130369	1
cg17352386	LDB1	0.0033656	0.0589889	1.22056	1.22056	0.0139907	1.32798	1.32798	0.00647971	1.39209	1.39209	0.361196	1.0917	1.0917	0.156159	0.867796	-1.15234	0.137319	0.86107	-1.16135	0.000723679	0.618396	-1.61709	0.0580621	1.22168	1.22168	0.329277	1.09868	1.09868	8.27005	1.14426	0.122988	1
cg26412532	LDB1	0.00959585	0.0925011	0.708366	-1.4117	0.138711	0.743179	-1.34557	0.072894	0.688961	-1.45146	0.00846583	0.534726	-1.87012	0.0621962	0.676393	-1.47843	0.0582979	1.48955	1.48955	0.00201691	0.444305	-2.25071	0.00638016	0.516313	-1.93681	0.510088	0.882999	-1.1325	5.989	3.28961	0.488245	1
cg17915961	LDB1	0.0144624	0.218987	0.786276	-1.27182	0.00872642	0.537144	-1.8617	0.0360312	1.57391	1.57391	0.695604	1.07587	1.07587	0.0379984	0.639279	-1.56426	0.881133	1.02822	1.02822	0.00689384	0.521755	-1.91661	0.0167688	0.581044	-1.72104	0.739879	1.06393	1.06393	5.2435	2.87279	0.487001	1
cg05030735	LDB1	0.0152249	0.504652	0.797917	-1.25326	0.47249	0.783751	-1.27592	0.0137564	2.76092	2.76092	0.816897	1.0804	1.0804	0.076773	0.518769	-1.92764	0.2133	0.645968	-1.54806	0.00133795	0.211274	-4.7332	0.21957	1.53798	1.53798	0.394283	1.33769	1.33769	5.15554	9.07852	1.56527	1
cg06873121	LDB1	0.0224959	0.179431	1.12503	1.12503	0.919619	0.991696	-1.00837	0.143573	1.13864	1.13864	0.216866	0.898214	-1.11332	0.0621082	0.840701	-1.18948	0.00600546	0.743331	-1.3453	0.201898	1.11776	1.11776	0.024352	1.24818	1.24818	0.185839	1.12287	1.12287	4.5192	0.488508	0.0960853	1
cg15444597	LDB1	0.0241382	0.0923887	0.696549	-1.43565	0.257488	0.793969	-1.2595	0.746717	0.938692	-1.06531	0.0638323	0.665821	-1.5019	0.0192833	0.575452	-1.73776	0.743366	0.937873	-1.06624	0.00217648	0.431875	-2.31548	0.00790796	0.514239	-1.94462	0.699467	1.07868	1.07868	4.41062	2.66262	0.536608	1
cg05775809	LDB1	0.0260842	0.193979	0.566143	-1.76634	?	?	?	0.996556	1.00175	1.00175	0.880875	0.94098	-1.06272	0.00986665	0.235324	-4.24947	0.00445366	0.178886	-5.59014	0.469063	1.35067	1.35067	0.0216842	0.301803	-3.31342	0.352466	1.48004	1.48004	5.50093	12.131	1.65395	1
cg24912842	LDB1	0.0361023	0.702596	0.935072	-1.06944	0.87032	0.971814	-1.029	0.0811351	1.40267	1.40267	0.0772998	1.41012	1.41012	0.402145	1.16189	1.16189	0.510655	1.12385	1.12385	0.00246904	2.08876	2.08876	0.00921139	1.78337	1.78337	0.983428	0.996372	-1.00364	3.82389	1.8545	0.431092	1
cg17106419	LDB1	0.0408787	0.0272944	0.71467	-1.39925	0.56041	0.927073	-1.07866	0.884498	1.01887	1.01887	0.415832	1.1129	1.1129	0.34777	1.1324	1.1324	0.637712	0.940817	-1.06291	0.00414659	0.609991	-1.63937	0.067512	0.768385	-1.30143	0.187713	1.1967	1.1967	3.65374	0.957277	0.232889	1
cg14325733	LDB1;LDB1	0.0236713	0.187574	0.665482	-1.50267	0.0119475	2.49578	2.49578	0.404402	0.779755	-1.28245	0.728406	1.107	1.107	0.0840322	0.572668	-1.74621	0.635172	1.14955	1.14955	0.0147621	0.416897	-2.39868	0.114575	0.606271	-1.64943	0.015705	0.421735	-2.37116	4.44054	5.97988	1.19703	1
cg19380250	LDB1;LDB1	0.0239471	0.217913	1.50167	1.50167	0.0015081	0.238318	-4.19607	0.377961	1.32813	1.32813	0.0275067	0.441401	-2.26551	0.871987	1.05189	1.05189	0.52368	0.816502	-1.22474	0.0952071	0.562653	-1.7773	0.795508	1.08488	1.08488	0.246279	1.46281	1.46281	4.42278	6.8928	1.38531	1
cg08765631	LDB2;LDB2	0.000210167	0.000129601	0.471905	-2.11907	0.042981	0.768718	-1.30087	0.0310812	0.751404	-1.33084	0.0261746	1.34708	1.34708	5.37E-05	0.427089	-2.34143	0.0259049	0.741801	-1.34807	8.24E-05	0.448828	-2.22802	0.344717	0.89591	-1.11618	0.813803	1.027	1.027	18.1257	3.66158	0.179565	1
cg19861824	LDB2;LDB2	0.000331272	0.000776011	0.412863	-2.42211	0.0105032	1.7508	1.7508	0.130767	0.752913	-1.32818	0.0547483	1.46074	1.46074	0.000295776	0.358787	-2.78717	0.16457	0.772668	-1.29422	0.000593713	0.397607	-2.51505	0.00223883	2.1052	2.1052	0.255878	0.813598	-1.22911	16.0092	7.67005	0.42587	1
cg16581308	LDB2;LDB2	0.00499746	0.000366765	0.144835	-6.90442	0.133119	0.577756	-1.73083	0.0204637	0.388441	-2.57439	0.0256292	0.407516	-2.45389	0.00848134	0.320551	-3.11962	0.0140776	0.358369	-2.79042	0.0138063	0.356857	-2.80224	0.0397159	0.447012	-2.23708	0.00348901	0.261333	-3.82654	7.33973	13.3259	1.61386	1
cg03037039	LDB2;LDB2	0.00637597	0.00531522	0.4001	-2.49938	0.200174	1.40145	1.40145	0.0123501	2.17475	2.17475	0.149343	1.47049	1.47049	0.00681728	0.417193	-2.39697	0.295331	1.31083	1.31083	0.0267361	0.519636	-1.92443	0.0764277	1.6349	1.6349	0.682488	1.10802	1.10802	6.80994	6.7086	0.875661	1
cg27400353	LDB2;LDB2	0.00949644	0.196006	0.823327	-1.21458	0.0336784	0.702793	-1.42289	0.0808759	0.759413	-1.31681	0.254671	0.844427	-1.18423	0.00197653	0.537163	-1.86163	0.605645	1.07686	1.07686	0.00373948	1.74477	1.74477	0.754223	0.95633	-1.04566	0.201846	0.825629	-1.2112	6.00891	1.92374	0.284576	1
cg03368758	LDB2;LDB2	0.00953283	0.010714	0.39901	-2.5062	0.339313	0.754173	-1.32596	0.0103337	0.39633	-2.52315	0.180772	0.665582	-1.50244	0.000881445	0.239765	-4.17075	0.0290768	0.478601	-2.08942	0.0376647	0.501231	-1.99509	0.189098	1.48965	1.48965	0.0979831	0.594522	-1.68202	6.00159	7.80038	1.15531	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 121 vs. N)	p-value(121T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg07601684	LDB2;LDB2	0.0127459	0.031265	0.465752	-2.14707	0.821839	1.07058	1.07058	0.6988932	0.888817	-1.12509	0.000994436	0.2279916	-4.38758	0.00365787	0.1046692	0.28201	0.81081	1.07521	1.07521	0.0922842	0.571873	-1.74864	0.2606963	0.7094898	-1.41864	0.0294058	0.460394	2.172305	5.46524	7.9139	1.28715	1
cg08262002	LDB2;LDB2	0.0128498	0.0350604	0.489356	-2.0435	0.07776001	0.369708	-2.70484	0.115017	0.607292	-1.64666	0.0102332	0.35742	1.35742	0.1307402	0.39479	2.53299	0.140392	0.630278	1.5866	0.0388803	0.322548	-3.10031	0.00642953	0.356455	-2.8054	0.321062	0.742028	-2.34766	5.45079	7.31199	1.1924	1
cg19136783	LDB2;LDB2	0.0163594	0.023006	0.305926	-3.26877	0.000834733	0.111888	-8.93751	0.0119574	0.255121	-3.91971	0.689537	1.19115	1.19115	0.0453346	0.367854	-2.71847	0.174506	0.513046	-1.87601	0.0548868	0.387382	-2.58143	0.6682911	0.828807	-1.20655	0.2939795	0.622293	-1.60696	5.03362	15.1264	2.67117	1
cg25889581	LDB2;LDB2	0.0122436	0.102433	0.492978	-2.02849	0.0515651	0.40303	2.403639	0.9164142	0.959302	-1.04242	0.5438335	0.7841447	-1.27527	0.00553687	0.2363361	-4.23189	0.0448607	0.40192	-2.48826	0.0106591	0.2883658	-3.56305	0.451258	1.354905	1.35495	0.1639365	0.553784	-1.80576	4.52863	11.2339	2.20501	1
cg27060294	LDB2;LDB2	0.0246218	0.5655616	0.8238553	-1.21381	0.0204063	2.54056	2.54056	0.181249	0.6227707	-1.60566	0.0315053	2.31985	2.31985	0.0149853	0.368674	-2.71242	0.550422	0.817451	-1.22332	0.161234	1.64738	1.64738	0.039386	2.21474	2.21474	0.425516	1.31193	3.48038	7.72221	1.56703	1
cg27504925	LDB2;LDB2	0.0225421	0.0228462	0.253064	-3.95358	0.1988099	0.503436	-1.98635	0.1177467	0.424385	-2.35635	0.503056	0.7907004	-1.48774	0.00400404	0.00736217	0.1750071	0.7113152	0.0331549	0.2846391	-3.51322	0.00203433	0.111392	-8.97734	0.2255151	0.5258309	-1.90172	0.0951508	0.396463	-2.5223	4.30142	17.3423	3.58379	1
cg14503564	LDB2;LDB2	0.033397	0.0140515	0.112704	-8.8728	0.0407953	0.182657	-5.47475	0.230086	0.40391	-2.4758	0.122163	0.2993414	-3.34067	0.00617089	0.0764013	-13.0888	0.192433	0.370365	-2.70004	0.00673894	0.0797209	-12.5438	0.1386077	0.31739	-3.1507	0.0559914	0.210436	-4.75205	9.93311	32.2893	7.29743	1
cg23452230	LDB2;LDB2	0.0339533	0.9059664	0.960409	-1.04122	0.0328113	2.12208	2.12208	0.2105854	0.636662	-1.57069	0.167384	0.6046567	-1.65338	0.00333355	0.0373134	-26.8161	0.400313	0.746066	-1.34216	0.0173448	0.90554	-1.10435	0.0151126	2.53474	2.53474	0.083389	0.992909	-1.00754	3.90978	7.23539	1.64497	1
cg24215978	LDB2;LDB2;LDB2;LDB2	0.00681004	0.0392993	1.38213	1.38213	0.385584	0.886283	1.31851	0.0032605452	0.2592	2.25922	0.784134	0.13097	2.13097	0.6743712	1.06525	1.06525	0.792094	1.0365	1.0365	0.248445	0.7855291	0.685759	-1.45438	0.752985	1.04378	1.04378	0.67206	1.94625	0.25929	1
cg08545123	LDB2;LDB2;LDB2;LDB2	0.0154995	0.642041	1.05663	1.05663	0.0155805	1.41762	1.41762	0.017225	1.407	1.407	0.244358	1.15408	1.15408	0.952589	1.00702	1.00702	0.244164	1.15415	1.15415	0.00234745	0.606802	-1.64798	0.135079	1.2087	1.2087	0.901453	0.98553	-1.01468	5.1248	1.12367	0.194899	1
cg05462208	LDB3;LDB3;LDB3	0.00117522	0.0060388	0.444529	-2.25074	0.0158102	1.35992	1.35992	0.0002058	0.0001634	4.34275	0.0042559	0.2330349	4.34275	0.0042559	0.1016551	0.0683572	0.2315115	0.518545	1.16041	1.34241	0.000443938	0.2035389	1.162423	0.0490719	1.1664643	1.1664643	0.4709008	1.181442	11.2385	9.119646	0.7273777	1
cg10 18530208	LDB3;LDB3;LDB3;LDB3	0.00464565	0.0136112	0.425793	-2.34856	0.00111341	0.260928	0.5883433	0.2480316	0.342419	-2.9204	0.0574833	0.5483	1.85911	0.0190433	0.00061301	0.228574	-4.37495	0.0215036	0.4615885	-2.16504	0.315203	0.747901	-1.33708	0.0300137	0.4897053	-2.04205	0.4518	0.807011	-1.23914	7.50477	9.299	1.1014	1
cg06561790	LDB3;LDB3;LDB3;LDB3	5.30E-05	0.0082954	0.6406666	-1.56783	0.000161487	0.4049134	2.302062	2.71E-05	0.0002253	3.622	0.0001845859	0.554736	-1.802558	2.76E-05	0.343324	-2.9127	2.11E-05	0.329748	3.032621	6.93E-05	0.1992302	0.6533075	-1.57999	0.0178294	0.6887795	-1.45181	0.3673	6.991078	0.2195885	1
cg19831403	LDB3;LDB3;LDB3;LDB3	0.0167998	0.0180632	2.4092	-2.4092	0.10145	1.73161	1.73161	0.76313	0.91161	-1.09696	0.1144881	1.69147	1.69147	0.2311186	0.6807769	-1.46893	0.517306	1.22263	1.22263	0.0115489	2.49329	-2.49329	0.00118306	4.28976	4.28976	0.233324	1.4661	1.4661	0.49892	7.40748	1.31974	1
cg13190306	LDB4;LDB4;LDB4;LDB4	2.66E-09	0.0005668615	0.529119	-1.88968	5.80E-08	9.1013	9.1013	0.00253777	0.607004	-1.64744	1.13E-08	15.1386	15.1386	0.0306406	0.653427	-1.53274	7.48E-09	17.525	17.525	2.24E-10	58.6481	0.0177078	0.79168	-1.26314	328.1	71.7854	0.1999	1
cg08628148	LDB4;LDB4;LDB4;LDB4	6.76E-09	0.2520371	0.858913	-1.16454	5.12E-08	10.9442	10.9442	0.00253201	0.613502	-1.62849	1.08E-08	17.7899	17.7899	0.0306406	0.6524	-1.53274	6.42E-09	22.5178	22.5178	1.02E-09	50.681	0.0182305	0.782865	-1.27736	0.0731156	0.774138	1.29176	259.48	62.843	0.22741	1
cg08861826	LDB4;LDB4;LDB4;LDB4	1.38E-06	0.951296	0.981251	-1.01911	4.67E-06	25.8417	25.8417	0.388054	1.13537	1.13537	2.05E-06	37.5005	37.5005	0.368233	0.750984	-1.33159	2.55E-06	33.8816	33.8816	1.26E-07	181.256	181.256	0.348557	1.34855	1.34855	0.816136	1.07484	1.07484	67.4802	102.609	1.35163	1
cg03177631	LDB4;LDB4;LDB4;LDB4	1.60E-06	0.844658	1.05916	1.05916	7.52E-06	13.7379	13.7379	0.316169	0.759093	-1.31736	2.19E-06	21.8624	21.8624	0.445503	0.684089	-1.46131	2.16E-06	22.0002	22.0002	1.85E-07	70.1284	70.1284	0.82809	0.9498	-1.06955	0.536765	1.181	1.181	65.0439	72.8728	0.991878	1
cg07187103	LDB4;LDB4;LDB4;LDB4	2.12E-06	0.131205	0.563833	-1.77357	7.71E-06	15.5672	15.5672	0.5558095	1.233	1.233	2.26E-06	47.7072	47.7072	0.329729	0.7554	-1.32413	3.05E-06	49.6011	49.6011	3.81E-07	166.664	166.664	0.2925646	0.6681156	-1.46809	0.108296	0.540004	-1.85153	6.52333	118.51	1.74052	1
cg00436562	LDB4;LDB4;LDB4;LDB4	4.35E-06	0.0838581	0.563158	-1.7757	2.89E-05	11.752	11.752	0.691939	0.887332	-1.12697	5.87E-06	21.2495	21.2495	0.863391	0.949623	-1.05305	6.22E-06	20.7443	20.7443	7.35E-07	55.3594	55.3594	0.1448801	0.6249961	-1.6001	0.43488	0.787304	-1.27016	50.3016	71.7727	1.26831	1
cg15700009	LDB4;LDB4;LDB4;LDB4	0.00015385	0.2151691	0.550606	-1.81649	0.0001744	1.72962	1.72962	0.24525	0.586174	0.78308	-1.27701	0.00105588	0.61728	0.0184159	0.2791133	-3.58252	0.00059099	0.10602	0.10602	6.34E-05	26.428	26.428	0.0779387	0.1295012	0.10512	0.18296	0.513342	-2.87497	19.8078	62.0748	2.78565	1
cg19631472	LDB4;LDB4;LDB4;LDB4	0.00034405	0.00814587	0.440876	-2.46989	0.00330496	2.91034	2.91034	0.255901	0.728608	-1.37248	0.00643679	2.57548	2.57548	0.00392773	0.3548572	-2.81804	0.0198345	2.11883	2.11883	0.00016818	5.52117	5.52117	0.816374	1.06407	0.0195015	0.470612	-2.12489	14.6652	16.5534	1.00333	1
cg02232751	LDB4;LDB4;LDB4;LDB4	0.00100379	0.375471	0.6455	-1.54907	0.00228808	1.81256	1.81256	0.0288513	0.5982	-1.67154	0.00521398	2.49238	2.49238	0.0139	0.4478	-2.23317	0.00386094	1.617332	1.617332	0.00053	15.359	15.359	0.396507	1.4171	0.0459268	0.632278	-1.4152	15.7539	30.0092	1.9021	1
cg02132760	LDB4;LDB4;LDB4;LDB4;LDHA	1.20E-08	0.163929	0.834162	-1.19881	2.48E-08	12.44	12.44	0.00688763	1.53274	1.53274	3.70E-09	24.6971	24.6971	0.965144	1.00535	1.00535	4.57E-09	22.7028	22.7028	3.29E-08	11.3776	11.3776	0.184509	0.8421128	-1.18747	0.594854	0.936576	-1.06772	224.541	12.995	0.209792	1
cg11166108	LDB4;LDB4;LDB4;LDB4;LDHA	2.86E-07	0.57284	0.867057	-1.15333	3.35E-06	15.5743	15.5743	0.656039	0.893838	-1.11877	3.87E-07	38.0258	38.0258	0.57257	0.807297	-1.23907	4.26E-07	41.2053	41.2053	3.78E-08	134.247	134.247	0.223158	0.725817	-1.37776	0.395021	0.804049	-1.2437	100.813	100.079	0.382416	1
cg00429911	LDB4;LDB4;LDB4;LDB4;LDHA	1.33E-07	0.073597	0.7139	-1.40093	1.57E-06	7.97001	7.97001	0.132166	0.38308	-2.61008	3.63E-07	19.7704	19.7704	0.2187	0.4572	-2.18687	2.66E-07	19.9359	19.9359	1.41496	1.3935	1.3935	0.7826051	1.1329514	0.8732	1.14508	0.678161	-1.13874	0.81432	1.04808	0.07067	61.2006	0.507961	0.22741	1
cg03641722	LDB4;LDB4;LDB4;LDB4;LDHA	0.00019207	0.00147917	0.6788	-1.47319	0.5513337	1.05223	1.05223	0.00040819	0.6222296	-1.60695	0.0334685	0.810682	-1.23353	0.00238164	0.6993119	-1.42996	0.164313	2.882191	1.13354	0.000704496	1.54682	1.54682	0.977868	0.9976559	-1.00235	4.87E-05	0.5245555	-1.90638	18.5737	2.09909	0.100457	1
cg17607330	LDB4;LDB4;LDB4;LDB4;LDHA	0.0497406	0.469775	1.14221	1.14221	0.196535	0.781217	-1.28005	0.103017	0.724343	-1.38056	0.989267	0.997571	-1.00244	0.00906033	0.554899	-1.82153	0.01416	0.57848	-1.72865	0.191188	1.28432	1.28432	0.307077	0.786177	-1.27198	0.167573	0.766461	-1.3047	3.93985	1.75778	0.460249	1
cg22172027	DHA LDHA;LDHA;LDHA;LDHA;LDHA;LDHA;LDHA;L	0.0101834	0.693755	1.13049	1.13049	0.621971	1.16653	1.16653	0.828309	1.06963	1.06963	0.0796522	1.82738	1.82738	0.000386	0.17289	-5.78401	0.118692	1.69034	1.69034	0.093417	0.564452	-1.77163	0.110017	0.582817	-1.7158	0.419651	0.774485	-1.29118	5.87634	8.93985	1.35229	1
cg01336516	DHA;LDHA;LDHA;LDHA;LDHA;LDHA;LDHA;L	4.10E-08	0.832003	0.963547	-1.03783	6.73E-07	10.6405	10.6405	0.932967	1.01481	1.01481	3.64E-08	31.1016	31.1016	0.30187	0.830155	-1.20459	3.48E-08	31.7136	31.7136	6.17E-09	74.0715	74.0715	0.174205	0.7767221	-1.28746	0.574256	1.10431	1.10431	164.795	79.7503	0.430166	1
cg03644271	DHA;LDHA;LDHA	0.000158271	0.94897	0.945536	-1.0576	0.00100774	71.5321	71.5321	0.30492	0.994713	-2.53349	9.34E-05	444.836	444.836	0.6108119	0.638219	-1.56686	9.51E-05	437.929	437.929	4.77E-05	814.23	814.23	0.603149	0.6319961	-1.58238	0.816642	0.816095	-1.22535	19.5716	237.316	10.7783	1
cg05655707	LDHA6;LDHA6LA	0.000443067	0.00693913	2.62725	2.62725	0.0190868	2.19113	2.19113	0.123517	1.58611	1.58611	0.0344275	1.97808	1.97808	0.0649043	1.77368	1.77368	0.162558	0.662168	-1.50119	0.1784205	0.08846	-1.31043	0.593006	1.16088	1.16088	0.692095	1.11634	1.11634	14.7771	17.8931	1.07633	1
cg06588556	LDHA6;LDHA6LA	0.00759917	0.0786228	0.594657	-1.68126	0.0128957	1.75924	1.75924	0.0900726	1.43651	1.43651	0.0234223	2.03207	2.03207	0.0148556	1.90272	1.90272	0.0033859	0.117415	0.58	-1.72414	0.0020886	-17.1028	0.0210412	4.4362	4.4362	0.504744	0.605128	-1.43817	8.773	40.5482	4.05721	1
cg14831083	LDHA6;LDHA6LA;LDHA6LA	0.00276937	0.538263	0.776449	-1.28792	0.00228944	1.64801	1.64801	0.178415	1.78701	1.78701	0.353429	1.47357	1.47357	0.0265107	2.9094	2.9094	0.00334836	0.197678	-5.05873	0.00242655	0.180104	-5.55235	0.052217	2.45127	2.45127	0.982227	1.00909	1.00909	8.76344	22.8835	2.32111	1
cg06888460	LDHA6;LDHA6LA;LDHA6LA	0.00756539	0.0478552	0.5996	-1.66784	0.0128957	1.82211	1.82211	0.164871	1.65921	1.65921	0.0350424	1.64271	1.64271	0.0148556	1.73237	1.73237	0.0092305	0.1087	-9.20588	0.0015555	0.1655	-12.2027	0.0098743	2.7257	2.7257	0.652559	0.777184	-1.28627	6.45555	31.6362	4.35555	1
cg24124284	LDHA6;LDHA6LA;LDHA6LA	0.0383376	0.0120357	0.491116	-2.03618	0.606384	0.88869	-1.12525	0.032299	0.566003	-1.76677	0.0127402	0.495228	-2.01927	0.00796758	0.46194	2.16478	0.103199	0.667171	-1.49887	0.523597	0.605941	-1.65033	0.22161	0.746996	-1.3387	0.166687	0.715496	-1.39763	3.74101	3.05444	0.725755	1
cg27316453	LDHA6;LDHA6LA;LDHA6LA	0.0477745	0.0986151	0.483746	-2.0672	0.687418	0.850287	-1.17607	0.00848843	0.259993	-3.84626	0.494065	1.37719	1.37719	0.0164874	0.308893	-3.23737	0.6600171	1.19422	1.19422	0.0206721	0.327173	-3.05649	0.909173	0.955273	-1.04682	0.238775	0.60975	-1.64002	1.4471	8.77706	2.2633	1
cg23797887	LDHA6;LDHA6LA;LDHA6LA	0.0172815	0.2248837	0.5106	-1.95944	0.0128957	1.82211	1.65621	0.164871	1.65921	1.65921	0.0350424	1.73813	1.73813	0.0148556	1.73813	1.73813	0.0275148	0.556776	-1.79605	0.00220649	0.250943	-3.98497	0.0311851	1.76477	1.76477	0.127128	0.80931	-1.44862	3.8244	10.3257	0.710403	1
cg24440827	LDHA6;LDHA6LA;LDHA6LA	0.0012474	0.26806	1.22006	1.22006	0.147715	1.2783	1.2783	0.215946	1.22858	1.22858	0.150463	1.27589	1.27589	0.0405245	1.21164	1.21164	0.0533022	1.14188	1.14188	2.59E-05	2.667912	-3.73252	0.987095	1.00256	1.00256	0.467428	0.889685	-1.12399	11.0488	4.37291	0.351804	1
cg07915343	LDHA6;LDHA6LA;LDHA6LA	0.0200378	2.6473849	2.038493	2.038493	0.0127257	2.36122	2.36122	0.0196529	1.30259	1.30259	0.0114496	1.39365	1.39365	0.0262676	0.5035934	-1.98586	0.0729645	0.6055	-1.65107	0.0233718	0.270885	-3.69208	0.0660872	0.8939525	0.893525	0.1138	0.870885	2.07085	0.6608772	0.893525	0.893525	0.753196	0.602701	0.753196	1
cg18888461	LDHA6;LDHA6LA;LDHA6LA;LDHA6LA	0.00155527	0.0311165	3.1904	3.1904	0.0105538	4.37187	4.37187	0.987072	0.992598	-1.00746	0.215691	1.81761	1.81761	0.0255329	3.37655	3.37655	0.0170415	0.263455	-3.79571	0.000370648	0.0733372	-13.6357	0.00691485	4.9679	4.9679	0.333943	0.633194	-1.5793	10.3709	34.5382	2.96026	1
cg15463284	LDHA6;LDHA6LA;LDHA6LA;LDHA6LA	0.00376665	0.0768919	2.70377	2.70377	0.0185518	4.23525	4.23525	0.653801	1.25237	1.25237	0.46723	1.45357	1.45357	0.0235633	3.92417	3.92417	0.0310996	0.1999	-5.00251	0.00169821	0.030659	-9.64699	0.0118479	4.8967	4.8967	0.293427	0.576357	-1.73504	7.99582	32.3718	3.59875	1
cg13600795	LDHA6;LDHA6LA;MYO1E	0.00788024	0.0048267	0.101269	-9.87413	0.0180816	0.980836	-1.01956	0.74451	1.22161	1.22161	0.222326	0.85611	-1.16795	0.0104555	0.2315031	-4.31909	0.0109582	0.141664	-7.05898	0.0001523	0.0815323	-12.3225	0.0118899	0.2315031	0.144097	-2.23665	0.177725	0.415674	-2.40573	6.57434	37.8288	5.27528	1
cg13138590	LDHA6;LDHA6;MYO1E	0.00386616	0.052936	0.619164	-1.61508	0.0145971	0.519192	-1.92607	0.00172176	0.377263	-2.65067	0.000883351	0.337533	-2.96267	0.221676	0.755826	-1.32306	0.770803	1.06573	1.06573	0.07134	1.55106	1.55106	0.181698	0.734202	-1.36202	0.00555292	0.452027	-2.21226	7.93338	5.96791	0.668669	1
cg16048371	LDHA6;LDHA6;MYO1E	0.00851321	0.0185182	0.582806	-1.71609	0.0129571	1.75924	1.75924	0.260946	1.23953	1.23953	0.714083	0.934825	-1.06972	0.0066709	0.524853	-1.90453	0.944979	0.980507	-1.01968	0.00440855	0.4692515	-2.13191	0.0312042	1.4362	1.4362	0.047109	0.663636	-1.50685	6.220896	3.53501	0.432254	1
cg15479073	LDHA6;LDHA6;MYO1E	0.0408869	0.1889023	0.7548	-1.32495	0.0154596	1.31654	1.31654	0.1481	1.83976	1.83976	0.372741	0.703628	-1.42126	0.0101277	0.2876538	3.4766	0.183761	0.581758	-1.71893	0.0392219	0.6674484	-1.49815	0.8039942	1.10226	1.10226	0.336172	0.683225	-1.46365	4.54105	8.53912	2.07723	1
cg01698550	LDHA6;MYO1E;LDHA6LA	0.0404654	0.0642061	0.617048	-1.62062	0.0136174	0.492339	-2.03112	0.00357285	0.400001	-2.49999	0.0248351	0.537893	-1.85911	0.749034	0.928194	-1.07736	0.0675363	0.619188	-1.61502	0.016959	0.8594905	0.1164	-8.59	0.0117	0.1164	0.165095	0.709486	-1.40947	0.442756	0.833863	-1.19324	0.567347	1.33055	0.758757	1
cg19878987	LDHB	0.0100486	0.028244	1.3458	1.3458	0.0299498	1.10452	1.10452	0.0004	1.20483	1.20483	0.0001745	1.38682	1.38682	0.0004	1.21077	1.21077	0.0004	1.20423	1.20423	0.0004	1.64663	1.7202	0.0004	1.20423	1.20423	0.0004	1.44309	1.44309	0.02846	1.09785	1.09785	0.0004	1.20563	0.0004	1.20563	1
cg07869763	LDHB	0.00309416	0.987774	0.998176	-1.00183	0.00873857	1.48902	1.48902	0.0382838	1.33127	1.33127	0.00434565	1.57485	1.57485	0.020246	0.716305	-1.39605	0.845833	1.02347	1.02347	0.000850061	0.55017	-1.81762	0.760563	0.9642291	-1.0371	0.788291	0.968433	-1.0326	8.47992	1.9075	0.19995	1
cg14829127	LDHB	0.00409376	0.8194648	0.978094	-1.02355	0.2525524	0.875413	-1.14232	0.5413456	0.93384	-1.07085	0.0107705	0.700004	-1.42856	0.0154831	1.38953	1.38953	0.0003383	0.525647	1.90242	0.016515	0.331765	-3.38549	0.0429871	0.5980553	-1.00801	0.92371	1.01072	1.01072	1.87949	0.14831	0.174479	1
cg14209005	LDHB	0.00606732	0.190736	0.819051	-1.22092	0.542593	1.0922	1.0922	0.216827	1.20492	1.20492	0.140191	1.25689	1.25689	0.0668639	1.33445	1.33445	0.1111903	1.28327	1.28327	0.00306123	0.439385	-2.27591	0.0374469	1.41606	1.41606	0.420368	1.888159	1.92159	2.2733	0.292209	1
cg04354474	LDHB	0.00991257	0.865339	1.0357	1.0357	0.205442	1.3179	1.3179	0.0097344	1.96533	1.96533	0.00226824	0.413763	-2.41684	0.823093	0.954784	-1.04736	0.0877352	1.47617	1.47617	0.0159466	1.8401	1.8401	0.19306	0.752292	-1.32927	0.238213	1.29083	1.29083	5.92724	4.00841	0.601129	1
cg10127652	LDHB	0.0148248	1.1158	1.1158	1.1158	0.0955931	1.22622	1.22622	0.185852	1.16208	1.16208	0.0874979	1.55643	1.55643	0.0154831	1.42372	1.42372	0.0183606	0.5893357	-1.69706	0.0004855	0.383737	-2.60568	0.0310961	1.42372	1.42372	0.148306	1.24948	1.24948	0.0186362	1.26667	1.26667	0.0186362	1.26667	0.0186362	1.26667	1
cg20759281	LDHB	0.0326056	0.0265533	0.392194	-2.54976	0.0663269	0.480373	-2.08172	0.0876094	0.511047	-1.95677	0.402252	0.736983	-1.35688	0.0340705	0.24244	-4.12473	0.350117	0.710063	-1.40833	0.0497567	0.422842	-2.21842	0.163157	1.6988	1.6988	0.110637	0.538543	-1.85686	0.96714	7.96357	1.78434	1
cg10448325	LDHB	0.0240555	0.4925346	0.8666164	-1.15366	0.2839783	0.73206	-1.36593	0.1622513	0.87926	-1.13793	0.3121753	0.649504	-1.53972	0.0021	0.1455	-6.87332	0.4625578	0.8415	-1.18849	0.4882007	1.0521	0.5015	-1.99402	0.4882007	0.5015	0.0181917	0.592756	-1.68714	0.5552	0.0181917	0.5552	0.0181917	0.5552	0.0181917	0.5552	1
cg10195295	LDHB	0.045065	0.981192	1.00264	1.00264	0.0108401	0.698884	-1.43085	0.0134369	1.40878	1.40878	0.188893	0.855678	-1.16866	0.433056	0.9143113	1.09372	0.1606449	0.84552	-1.1827	0.253731	0.875061	-1.14278	0.972251	0.9961133	-1.0039	0.211987	1.1586	1.1586	1.52362	6.6997	0.17651	1
cg12765518	LDHB;LDHB	0.010484	0.00496637	0.258136	-3.87392	0.808411	0.09139	1.09139	0.318324	1.45026	1.45026	0.00159118	0.195286	-5.12069	0.271763	1.51034	1.51034	0.0737589	2.05115	2.05115	7	7	7	589242	0.821627	-1.2171	0.656836	0.851154	-1.47488	7.9376	10.8585	1.82876	1
cg00274094	LDHB;LDHB	0.0107677	0.7886667	1.0215	1.0215	0.5012205	0.797241	-1.25436	0.00178474	0.211544	-4.72744	0.0713792	0.95126	-1.05122	0.8678357	1.05772	1.05772	0.8299	0.972607	1.02804	0.475388	0.7950254	-1.1221	0.8564523	0.8574443	-1.16626	0.839702	1.00955	1.00955	5.72132	9.98555	1.5514	1
cg11821245	LDHC;LDHC	0.00780173	0.412551	1.44079	1.44079	0.0652635	2.4648	2.4648	0.243948	1.70131	1.70131	0.527454	0.756476	-1.32192	0.000678154	0.1039	-9.62467	0.903877	0.948699	-1.05408	0.763342	1.14069	1.14069	0.0126685	3.86028	3.86028	0.035619	2.90412	2.90412	6.3944	19.2433	2.67502	1
cg14299127	LDHC;LDHC	0.012494	0.4565312	0.7816	0.5616	0.0659894

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12623364	LEF1;LEF1;LEF1;LEF1	0.0316828	0.0181608	0.414339	-2.41348	0.149017	0.621678	-1.60855	0.00479531	0.316712	-3.15744	0.014552	0.396754	-2.52045	0.0110711	0.375843	-2.66069	0.144031	0.617485	-1.61947	0.0730674	0.541154	-1.8479	0.125293	0.600722	-1.66466	0.253011	0.693009	-1.44298	4.00813	5.98919	1.32823	1
cg21600258	LEF1;LEF1;LEF1;LOC641518	0.0295863	0.0226347	0.140193	-7.13304	0.369087	0.514759	-1.94266	0.896779	0.910798	-1.09794	0.966672	0.970371	-1.03053	0.0100766	0.0965659	-10.3556	0.0493173	0.198874	-5.02831	0.00499158	0.0689175	-14.5101	0.101139	0.274641	-3.64112	0.0226768	0.140311	-7.12704	4.10702	33.707	7.29527	1
cg01655427	LEF1;LEF1;LEF1;LOC641518	0.0431344	0.0323076	0.267695	-3.73559	0.238651	0.52262	-1.91344	0.471866	0.680604	-1.46928	0.349291	0.602543	-1.65963	0.025476	0.24759	-4.03893	0.0172926	0.217724	-4.59297	0.00504079	0.14225	-7.02986	0.57846	0.744447	-1.34328	0.0378281	0.281881	-3.5476	3.58169	15.6818	3.89183	1
cg10985479	LEF1;LEF1;LEF1;LOC641518	0.0459284	0.0713526	0.591451	-1.69076	0.12635	1.53919	1.53919	0.849763	0.951753	-1.05069	0.146778	0.666241	-1.50096	0.067338	0.585911	-1.70674	0.351482	0.778762	-1.28409	0.157228	0.674048	-1.48357	0.0162073	2.15303	2.15303	0.223686	1.39566	1.39566	3.49864	3.76802	0.957331	1
cg26679958	LEF1;LEF1;LOC641518;LEF1;LEF1	0.0194918	0.925312	0.936725	-1.06755	0.110351	3.36359	3.36359	0.0358208	5.48797	5.48797	0.730781	0.786007	-1.27225	0.649575	0.726964	-1.37558	0.0937892	0.276756	-3.61329	0.189445	2.63532	2.63532	0.00965327	9.80837	9.80837	0.00304973	16.9309	16.9309	4.74584	36.5278	6.84162	1
cg06037943	LEF1;LOC641518;LEF1;LEF1;LEF1	2.16E-05	0.000599391	4.40982	4.40982	0.0167621	2.26621	2.26621	0.0316219	2.02623	2.02623	0.000754694	4.18535	4.18535	0.120591	1.60287	1.60287	0.863554	0.952941	-1.04938	0.518537	0.832422	-1.20131	1.17E-06	34.0347	34.0347	4.77E-06	18.7853	18.7853	33.1812	41.2699	1.10558	1
cg06341779	LEF1;LOC641518;LEF1;LEF1;LEF1	3.65E-05	0.000546408	4.72789	4.72789	0.0240518	2.17792	2.17792	0.132361	1.59953	1.59953	0.00491613	2.93802	2.93802	7.95E-05	7.86158	7.86158	0.981578	1.0067	1.0067	0.551173	0.839957	-1.19054	2.64E-06	26.4018	26.4018	1.73E-05	12.7539	12.7539	28.9269	38.3261	1.17772	1
cg25552768	LEFTY1	0.000619338	0.0311344	0.734038	-1.36233	5.22E-05	0.396779	-2.5203	0.210027	1.17523	1.17523	0.107704	1.23932	1.23932	0.000132892	0.444933	-2.24753	0.0542844	0.765711	-1.30598	0.810263	0.971029	-1.02984	0.967828	1.00494	1.00494	0.136355	0.82188	-1.21672	13.4642	3.18584	0.210326	1
cg05376267	LEFTY1	0.00524713	0.0234104	4.92409	4.92409	0.011227	6.48854	6.48854	0.0689035	3.31453	3.31453	0.0719849	3.26174	3.26174	0.0128282	6.16749	6.16749	0.0222145	5.02063	5.02063	0.000755784	20.2154	20.2154	0.0012474	16.0522	16.0522	0.01183	6.36033	6.36033	7.23116	39.6839	4.87814	1
cg00103855	LEFTY1	0.013365	0.00381596	0.2567	-3.8956	0.0269055	0.40107	-2.49333	0.371584	0.726287	-1.37687	0.40553	0.743297	-1.34536	0.000463975	0.146642	-6.81932	0.141948	0.576709	-1.73398	0.283237	0.677965	-1.475	0.186129	0.61346	-1.6301	0.193443	0.618965	-1.6156	5.3812	10.3567	1.71076	1
cg23341299	LEFTY1	0.0175958	0.0661059	2.35102	2.35102	0.0176635	3.30936	3.30936	0.0307158	2.86469	2.86469	0.0534009	2.48399	2.48399	0.101533	2.10306	2.10306	0.088448	2.18019	2.18019	0.00144654	6.74502	6.74502	0.00906612	3.95585	3.95585	0.0388843	2.69546	2.69546	4.91247	13.3782	2.42072	1
cg11186155	LEFTY1	0.0294974	0.0191057	0.162177	-6.1661	0.0577271	0.25253	-3.95992	0.232529	0.448007	-2.23211	0.0331342	0.202403	-4.94063	0.0124275	0.135972	-7.35445	0.0316719	0.198784	-5.03059	0.614829	0.722234	-1.38459	0.0131514	0.139192	-7.18433	0.0121206	0.134571	-7.43103	4.1114	26.7842	5.79078	1
cg01472176	LEFTY1	0.0315431	0.887038	0.935055	-1.06946	0.085492	2.45483	2.45483	0.0369891	3.14047	3.14047	0.875571	1.07684	1.07684	0.0018628	0.124233	-8.04941	0.648331	0.804983	-1.24226	0.323542	1.61883	1.61883	0.912991	1.05299	1.05299	0.606004	0.782076	-1.27865	4.01447	14.1906	3.14211	1
cg14264773	LEFTY1	0.0370004	0.0049878	0.344021	-2.9068	0.120636	0.616723	-1.62147	0.118347	0.614564	-1.62717	0.544341	0.838461	-1.19266	0.0215292	0.452612	-2.2094	0.0155684	0.426666	-2.34375	0.2348	1.42984	1.42984	0.804155	0.931146	-1.07395	0.533449	0.834351	-1.19854	3.78985	4.94845	1.16063	1
cg12319004	LEFTY1	0.0386603	0.0672333	0.577487	-1.73164	0.108271	0.625596	-1.59848	0.0178535	0.46264	-2.16151	0.359787	0.777198	-1.28667	0.175573	0.680048	-1.47048	0.642282	1.13341	1.13341	0.0104055	2.37191	2.37191	0.726953	0.910421	-1.09839	0.192611	0.691311	-1.44653	3.72953	4.23328	1.00895	1
cg27179622	LEFTY2	0.0103585	0.0220415	14.8794	14.8794	0.0684852	7.42825	7.42825	0.157879	4.4133	4.4133	0.0830889	6.59691	6.59691	0.00984378	24.7229	24.7229	0.0247686	13.8444	13.8444	0.000925954	129.469	129.469	0.00565094	35.5351	35.5351	0.0237545	14.2064	14.2064	5.84433	89.482	13.6097	1
cg11967457	LEFTY2	0.0221425	0.0098438	0.108933	-9.17999	0.0322398	5.49723	5.49723	0.246365	0.438756	-2.27917	0.379201	0.541692	-1.84607	0.0026336	0.059078	-16.9268	0.355282	0.524033	-1.90828	0.297279	0.479839	-2.08403	0.814108	0.85209	-1.17359	0.143868	0.344008	-2.90691	4.54386	33.2332	6.50122	1
cg06158434	LEFTY2	0.0289088	?	?	?	0.0296067	4.13717	4.13717	0.0242383	4.43473	4.43473	0.0695571	3.08167	3.08167	0.0453082	3.57225	3.57225	0.102718	2.6911	2.6911	0.00795754	6.59625	6.59625	0.0143601	5.33056	5.33056	0.0496399	3.46171	3.46171	4.21102	18.2257	4.32808	1
cg22462235	LEFTY2	0.0487283	0.0190437	0.0957166	-10.4475	0.0757018	0.195084	-5.12601	0.259277	0.377986	-2.6456	0.208499	0.334175	-2.99244	0.012314	0.076023	-13.1539	0.0853383	0.207555	-4.81799	0.0231078	0.105877	-9.44493	0.0278412	0.116615	-8.57525	0.0374492	0.135868	-7.36011	3.42142	37.0305	9.62056	1
cg03445587	LEKR1	0.000263974	?	?	?	0.000127174	68.2963	68.2963	0.0018014	0.325994	-3.06754	?	?	?	?	?	?	?	?	?	0.00229838	0.370854	-2.69648	?	?	?	?	?	?	3787.41	40.2506	0.00708498	1
cg13575612	LEKR1	0.00138033	0.012998	0.584974	-1.70948	0.00291698	0.490906	-2.03705	0.31569	0.834873	-1.19779	0.0163556	0.600143	-1.66627	0.0148341	0.593669	-1.68444	0.000637718	0.401582	-2.49015	0.000170024	0.32882	-3.04118	0.879733	1.02669	1.02669	0.00239749	0.479051	-2.08746	10.733	5.1445	0.426058	1
cg09664259	LEKR1	0.00437196	0.0208377	0.491512	-2.03454	0.000272366	4.58825	4.58825	0.783151	1.07299	1.07299	0.534491	1.17427	1.17427	0.996872	1.001	1.001	0.117087	0.647449	-1.54452	0.406957	0.805233	-1.24188	0.0230331	0.499496	-2.00202	0.0756349	0.603511	-1.65697	7.64433	7.89475	0.918008	1
cg01002317	LEKR1	0.00683014	0.00836437	0.627595	-1.59338	0.000640832	0.484542	-2.0638	0.00339853	0.576634	-1.7342	0.410102	0.890058	-1.12352	0.00890444	0.631182	-1.58433	0.875441	1.02193	1.02193	0.0440429	0.726211	-1.37701	0.29678	0.861081	-1.16133	0.978907	0.996351	-1.00366	6.66594	2.01818	0.26912	1
cg08832018	LEKR1	0.00818016	0.00177979	0.273024	-3.66268	0.143882	0.632388	-1.58131	0.125395	0.616279	-1.62264	0.955081	1.01657	1.01657	0.000721519	0.222818	-4.48796	0.0261593	0.463007	-2.15979	0.0537249	0.527681	-1.89508	0.148085	0.635837	-1.57273	0.0117437	0.39907	-2.50583	6.29981	8.49798	1.19905	1
cg18040826	LEKR1	0.012309	0.00663323	2.19032	2.19032	0.0194958	0.53351	-1.87438	0.093692	0.663525	-1.5071	0.841833	0.956516	-1.04546	0.843382	1.045	1.045	0.00317669	2.45132	2.45132	0.161442	1.3948	1.3948	0.383453	1.22002	1.22002	0.647316	0.90258	-1.10793	5.52766	4.33474	0.697059	1
cg01399540	LEKR1	0.0125432	0.716209	0.943443	-1.05995	0.000705238	2.41758	2.41758	0.258795	0.827798	-1.20802	0.183956	0.797176	-1.25443	0.0304905	1.51546	1.51546	0.304289	0.84328	-1.18585	0.366136	0.861932	-1.16018	0.454837	1.12937	1.12937	0.058092	1.41619	1.41619	6.20391	2.44282	0.306254	1
cg07733993	LEKR1	0.0172978	0.27862	0.657536	-1.52083	0.100213	1.95477	1.95477	0.089678	0.498428	-2.00631	0.0700675	0.470605	-2.12493	0.00237778	0.206668	-4.83869	0.037556	0.407392	-2.45464	0.052872	0.440912	-2.26803	0.128158	1.84429	1.84429	0.191345	0.597594	-1.67338	4.94068	10.8382	1.94992	1
cg25510282	LEKR1	0.0374823	0.175946	2.97507	2.97507	0.0040838	31.9462	31.9462	0.526887	1.60053	1.60053	?	?	?	0.0476832	6.08557	6.08557	?	?	?	?	?	?	?	?	?	0.422551	1.82973	1.82973	5.85274	24.9991	4.27135	1
cg00968241	LEKR1	0.0419996	0.0122417	0.527643	-1.89522	0.608992	1.11148	1.11148	0.778314	0.943821	-1.05952	0.0306018	0.594265	-1.68275	0.0135466	0.534744	-1.87005	0.0737167	0.664704	-1.50443	0.128085	0.713905	-1.40075	0.395603	1.1951	1.1951	0.51277	1.14567	1.14567	3.61734	2.4044	0.590834	1
cg23219336	LELP1	2.61E-06	8.33E-07	0.0739382	-13.5248	1.31E-05	0.163581	-6.11317	1.93E-05	0.179587	-5.56833	0.00643181	0.495821	-2.01686	5.43E-05	0.225628	-4.43207	0.00307739	0.448414	-2.23008	0.042061	1.58988	1.58988	1.82E-06	0.0951928	-10.505	3.59E-06	0.116313	-8.59751	57.3879	35.6108	0.551581	1
cg08242576	LELP1	8.54E-06	3.55E-05	0.130145	-7.68373	2.48E-05	0.117319	-8.52376	0.000668463	0.264347	-3.78291	0.650979	1.12343	1.12343	0.432284	1.2273	1.2273	0.117925	0.64798	-1.54326	0.000139288	0.186042	-5.37513	1.95E-06	0.0493319	-20.2709	3.22E-06	0.0597445	-16.7379	42.263	43.7161	0.919451	1
cg21936464	LELP1	1.21E-05	3.41E-06	0.0844723	-11.8382	1.77E-05	0.137788	-7.25752	9.53E-05	0.208201	-4.80306	6.09E-05	0.187877	-5.32263	0.501794	0.8573	-1.16645	0.000863008	0.323132	-3.09471	0.0239998	0.544376	-1.83697	4.98E-06	0.0953333	-10.4895	6.10E-05	0.187945	-5.32071	38.6292	31.2082	0.718125	1
cg06804411	LELP1	8.72E-05	2.87E-05	0.0635427	-15.7375	0.000803772	0.183287	-5.45591	0.00479438	0.284895	-3.51006	0.000102001	0.0994319	-10.0571	0.708079	1.13448	1.13448	0.0026253	0.24731	-4.04351	0.762195	1.10716	1.10716	2.58E-05	0.0610395	-16.3828	0.000801192	0.18313	-5.46059	22.9653	40.9239	1.58399	1
cg02303399	LELP1	0.00175088	0.000287646	0.0784766	-12.7427	0.000752023	0.111014	-9.00789	0.0177085	0.289259	-3.45711	0.0567137	0.395532	-2.52824	0.447642	0.7169	-1.3949	0.0357817	0.349738	-2.85929	0.886528	1.06333	1.06333	0.000932283	0.119449	-8.37178	0.00456167	0.197016	-5.07572	10.0218	29.3539	2.60354	1
cg18140889	LELP1	0.00475104	0.00115828	0.108958	-9.17781	0.00595523	0.188184	-5.31393	0.0275857	0.298161	-3.35389	0.0310671	0.308624	-3.24019	0.0615059	0.375906	-2.66024	0.00718736	0.199531	-5.01175	0.0350329	0.319544	-3.12945	0.000988198	0.102906	-9.71761	0.0114799	0.230174	-4.34453	7.45374	25.4704	3.03745	1
cg00298977	LELP1	0.00502569	0.00406559	0.0850347	-11.7599	0.000855332	0.0407264	-24.5541	0.00949044	0.122443	-8.16705	0.0349782	0.208011	-4.80744	0.0743355	0.28065	-3.56316	0.00979474	0.12407	-8.05997	0.0291101	0.193333	-5.17243	0.00223213	0.0647986	-15.4324	0.0209946	0.169582	-5.89685	7.32712	47.389	5.74899	1
cg02886578	LELP1	0.0306381	0.0118203	0.111517	-8.96728	0.0107658	0.106898	-9.35475	0.0451999	0.201209	-4.96996	0.13939	0.329553	-3.03442	0.0905209	0.27213	-3.67472	0.021405	0.145274	-6.88356	0.147673	0.338245	-2.95643	0.00916	0.0993086	-10.0696	0.0421526	0.195213	-5.1226	4.05636	31.284	6.85541	1
cg10951289	LEMD1	0.000346599	6.10E-05	0.144248	-6.93252	0.0037119	0.358556	-2.78897	0.00553697	0.3853	-2.59538	0.000153338	0.183043	-5.46321	0.042246	0.54218	-1.84441	0.115968	0.639542	-1.56362	0.382901	0.791271	-1.26379	0.00160923	0.306221	-3.26561	0.000140095	0.179004	-5.58648	15.8116	17.1425	0.963707	1
cg01416657	LEMD1	0.00145249	0.00270631	0.190022	-5.26255	0.0193735	0.321992	-3.10566	0.0291938	0.357023	-2.80094	0.0499089	0.408098	-2.45039	0.000603807	0.12006	-8.32914	0.0250795	0.343674	-2.90974	0.000102444	0.0635239	-15.7421	0.0671343	0.439382	-2.27592	0.00292165	0.194225	-5.14866	10.5771	26.9089	2.2614	1
cg10092691	LEMD1	0.0168044	0.45004	0.849547	-1.1771	0.829251	1.04682	1.04682	0.951217	0.987123	-1.01305	0.0446053	0.613547	-1.62987	0.000325284	0.292036	-3.42424	0.682368	0.916525	-1.09108	0.322992	1.24143	1.24143	0.720281	1.07915	1.07915	0.272475	0.785081	-1.27375	4.98874	3.54578	0.631783	1
cg15524283	LEMD1	0.0188194	0.0868121	0.702698	-1.42309	0.696058	0.92938	-1.07599	0.00130269	0.417471	-2.39538	0.954583	1.01068	1.01068	0.00488402	0.498594	-2.00564	0.265164	0.805225	-1.24189	0.056864	0.668946	-1.49489	0.363078	0.839977	-1.19051	0.0237112	0.604284	-1.65485	4.80253	2.64707	0.48994	1
cg16328456	LEMD1	0.0345466	0.00431412	0.225356	-4.43742	0.0174694	0.323122	-3.09481	0.032047	0.375023	-2.6665	0.0204541	0.335976	-2.9764	0.117154	0.514468	-1.94375	0.0783083	0.465915	-2.14631	0.0827048	0.472175	-2.11786	0.0818258	0.470943	-2.1234	0.823566	0.916493	-1.09112	3.88541	9.38336	2.14669	1
cg01364826	LEMD1	0.0354487	0.227621	0.489741	-2.04189	0.520662	0.692816	-1.44338	0.631945	0.761842	-1.31261	0.580355	0.729963	-1.36993	0.0373005	0.256044	-3.90557	0.236231	0.496794	-2.01291	0.000919462	0.0613486	-16.3003	0.675239	1.26808	1.26808	0.0630383	0.307692	-3.25	3.84933	19.369	4.47269	1
cg00409245	LEMD2	0.000725757	0.659125	0.908934	-1.10019	0.0169784	0.534642	-1.87041	0.0419118	1.65583	1.65583	0.19262	0.743347	-1.34527	0.000380205	0.294998	-3.38986	0.0054457	0.455452	-2.19562	0.00868781	2.05307	2.05307	0.950039	0.986613	-1.01357	0.000242023	0.270943	-3.69081	12.8798	9.43688	0.651279	1
cg05542986	LEMD2	0.00425372	0.884636	0.966818	-1.03432	0.168396	1.40657	1.40657	0.618439	0.889845	-1.12379	?	?	?	0.473281	1.18475	1.18475	?	?	?	0.000454933	0.276966	-3.61056	0.0130406	2.04602	2.04602	0.049643	1.68292	1.68292	8.08653	5.38145	0.760552	1
cg18703227	LEMD2	0.00704357	0.0517756	0.633681	-1.57808	0.671798	0.915909	-1.09181	0.244986	1.28488	1.28488	0.300311	1.2476	1.2476	0.000558006	0.33172	-3.01459	0.0693647	0.657883	-1.52003	0.0902206	1.46938	1.46938	0.0426721	1.61762	1.61762	0.163863	0.73623	-1.35827	6.60233	4.44223	0.59807	1
cg00334056	LEMD2;LEMD2	0.00269284	0.000523075	0.124542	-8.02944	0.0415322	0.404356	-2.47307	0.0814336	0.475174	-2.10449	0.962578	0.982087	-1.01824	0.019651	0.33762	-2.96191	0.71135	0.866586	-1.15395	0.000330662	0.107209	-9.32759	0.101347	0.501021	-1.99592	0.00241223	0.196305	-5.09411	8.83633	20.7712	2.08947	1
cg16010596	LEMD2;LEMD2	0.00275123	0.00568476	0.460844	-2.16993	0.142427	0.714088	-1.40039	0.83498	1.04556	1.04556	0.000413161	3.31031	3.31031	0.0320278	0.584804	-1.70998	0.348139	0.813592	-1.22912	0.0150649	1.89274	1.89274	0.169163	0.731372	-1.36729	0.257264	1.28724	1.28724	8.78049	6.34285	0.642116	1
cg07979401	LEMD2;LEMD2	0.0109958	0.0303786	0.43852	-2.2804	0.159143	0.614215	-1.62809	0.2034	0.647347	-1.54477	0.00059279	5.57364	5.57364	0.24631	0.675215	-1.48101	0.400956	0.756937	-1.32111	0.194653	1.55955	1.55955	0.544052	0.819627	-1.22007	0.48321	1.25963	1.25963	5.73323	9.52696	1.47707	1
cg13859433	LEMD2;LEMD2	0.0115403	0.223198	0.699628	-1.42933	0.631343	1.14446	1.14446	0.573041	1.17227	1.17227	0.000522436	4.52398	4.52398	0.102828	0.607677	-1.64561	0.58184	1.16793	1.16793	0.390501	1.27836	1.27836	0.361892	1.29897	1.29897	0.00919574	2.5168	2.5168	5.64448	6.9635	1.09661	1
cg26183190	LEMD2;LEMD2	0.0249198	0.0067408	1.80365	1.80365	0.104884	0.742626	-1.34657	0.0132014	1.67503	1.67503	0.135442	1.31021	1.31021	0.250729	1.22325	1.22325	0.0160211	1.64051	1.64051	0.10627	1.3447	1.3447	0.359593	1.17135	1.17135	0.524102	0.897272	-1.11449	4.3621	1.94767	0.396887	1
cg08073153	LEMD2;LEMD2	0.0322	0.00549428	0.490666	-2.03805	0.513107	0.878654	-1.1381	0.0154138	0.559998	-1.78572	0.703794	0.928204	-1.07735	0.506913	0.876931	-1.14034	0.0696667	0.673204	-1.48543	0.010644	0.534529	-1.87081	0.429067	1.17052	1.17052	0.0653577	0.668003	-1.497	3.98498	2.40088	0.535541	1
cg18884271	LEMD3;LEMD3	9.70E-05	0.00839038	1.48818	1.48818	1.16E-05	0.333647	-2.99718	4.54E-05	0.4023	-2.48571	0.0858961	1.25116	1.25116	0.426841	1.10052	1.10052	0.293842	1.13718	1.13718	0.016402	1.41382	1.41382	0.926188	0.98912	-1.011	0.131389	0.825071	-1.21202	22.3198	4.92713	0.196223	1
cg17647192	LEMD3;LEMD3	0.000218959	0.041514	0.791845	-1.26287	0.0589576	1.23585	1.23585	9.73E-05	1.98941	1.98941	0.0664585	0.815168	-1.22674	0.0567492	0.807257	-1.23876	0.539807	0.940229	-1.06357	2.67E-05	0.438648	-2.27973	0.215589	1.13816	1.13816	0.64319	0.954738	-1.04741	17.9251	2.79881	0.13879	1
cg11141075	LEMD3;LEMD3	0.032446	0.503068	0.872302	-1.14639	0.648166	0.911782	-1.09675	0.347831	1.21447	1.21447	0.348552	0.823655	-1.2141	0.0580781	0.650116	-1.53819	0.183714	0.753126	-1.3278	0.00195526	0.414669	-2.41156	0.0114396	0.529313	-1.88924	0.136694	0.724484	-1.38029	3.97412	2.54351	0.568905	1
cg11814446	LEMD3;LEMD3	0.0357248	0.0973848	0.251084	-3.98273	0.0315554	0.147278	-6.78989	0.00772293	0.0742816	-13.4623	0.133034	0.291917	-3.42564	0.172811	0.332147	-3.01072	0.0351321	0.154956	-6.45343	0.0173185	0.11057	-9.04401	0.0164035	0.107707	-9.28447	0.037347	0.1595	-6.2696	3.83851	35.0882	8.1254	1
cg04940822	LEMD3;LEMD3	0.036856	0.00299536	0.132162	-7.56647	0.816003	0.890594	-1.12285	0.940328	0.963468	-1.03792	0.0990038	0.406942	-2.45735	0.168954	0.482608	-2.07208	0.0481648	0.325436	-3.0728	0.0161457	0.231524	-4.31921	0.0649915	0.356992	-2.80118	0.0459266	0.320691	-3.11827	3.79525	14.8532	3.47879	1
cg23154272	LENEP;LENEP	0.00196691	0.000603922	0.283939	-3.52188	0.0272666	0.53692	-1.86248	0.00254749	0.369116	-2.70918	0.42964	0.825371	-1.21158	0.00208298	0.356518	-2.80491	0.0184756	0.506498	-1.97434	0.000755351	0.296438	-3.37338	0.321449	0.783611	-1.27614	0.00222404	0.360594	-2.7732	9.68886	8.69567	0.79777	1
cg25593075	LENEP;LENEP	0.00324009	0.438257	0.844421	-1.18424	0.832889	1.04623	1.04623	0.59187	0.890697	-1.12272	0.339533	1.23435	1.23435	0.000219249	0.267789	-3.73428	0.00950729	0.495276	-2.01908	0.957162	0.988577	-1.01155	0.00150024	0.375813	-2.6609	0.0180734	0.541098	-1.84809	8.36437	6.05992	0.643994	1
cg16183015	LENG1	0.000431531	0.925502	1.01297	1.01297	0.637318	1.06761	1.06761	0.0741803	0.760234	-1.31538	0.124137	0.795007	-1.25785	0.000243082	0.433472	-2.30695	0.000622305	0.484185	-2.06533	2.20E-05	0.309097	-3.23523	0.740786	0.955292	-1.0468	0.0418964	0.723928	-1.38135	14.8852	4.47494	0.267227	1
cg08069712	LENG1	0.00730704	0.0639966	0.442563	-2.25956	0.280308	1.55188	1.55188	0.888418	1.05651	1.05651	0.33759	0.679006	-1.47274	0.492729	0.761237	-1.31365	0.0416645	0.398689	-2.50822	0.000163336	0.0806004	-12.4069	0.590841	1.2368	1.2368	0.380997	1.42173	1.42173	6.52704	15.8515	2.15875	1
cg01604348	LENG1	0.0187058	0.0820027	0.659796	-1.51562	0.309842	1.25454	1.25454	0.644973	0.904733	-1.1053	0.350036	0.812555	-1.23069	0.157767	1.38531	1.38531	0.000654302	0.323951	-3.08689	0.360133	1.22509	1.22509	0.304218	1.25811	1.25811	0.934507	0.982421	-1.01789	4.81236	3.54893	0.655521	1
cg17168838	LENG1	0.0363122	0.778094	0.94315	-1.06028	0.529952	0.876503	-1.1409	0.981666	1.00477	1.00477	0.0545677	1.57112	1.57112	0.8179	1.04894	1.04894	0.00628829	2.09047	2.09047	0.0279167	0.583812	-1.71288	0.0775052	0.665957	-1.5016	0.46127	1.16811	1.16811	3.81584	2.5938	0.604217	1
cg26962002	LENG8	5.18E-05	0.923839	1.01847	1.01847	0.0138038	1.79076	1.79076	0.533627	1.12828	1.12828	0.0434089	1.56	1.56	6.03E-05	0.24198	-4.13257	4.56E-05	0.228667	-4.37317	9.04E-06	0.158829	-6.29607	0.167129	0.75432	-1.3257	0.67258	0.921847	-1.08478	26.3748	15.3091	0.515949	1
cg20631628	LENG8	9.10E-05	0.280519	1.20294	1.20294	0.627127	0.922531	-1.08397	0.0521615	0.695012	-1.43882	0.141274	1.29769	1.29769	0.0084186	0.574475	-1.74072	0.000185983	0.35365	-2.82765	1.94E-06	0.143545	-6.96648	0.584757	0.913114	-1.09515	0.021383	0.63415	-1.57691	22.7037	9.75598	0.381964	1
cg02936752	LENG8	0.000170525	0.620182	1.08707	1.08707	0.0584969	0.699612	-1.42936	0.147586	0.771313	-1.29649	0.493507	1.12323	1.12323	0.000357768	0.383945	-2.60454	6.16E-05	0.290804	-3.43874	1.09E-05	0.208684	-4.79194	0.892168	0.977588	-1.02293	0.202729	0.798727	-1.25199	19.1814	8.48444	0.393179	1
cg08468187	LENG8	0.000187334	0.0344258	0.59749	-1.67367	0.00136949	0.379228	-2.63693	0.30033	0.799268	-1.25115	0.457959	0.854034	-1.17091	0.00013321	0.250904	-3.98559	3.59E-05	0.189578	-5.27486	2.82E-05	0.179201	-5.58033	0.253759	0.779727	-1.2825	0.177125	0.741205	-1.34915	18.6998	12.9074	0.61355	1
cg24292487	LENG8	0.00695184	0.995124	1.00112	1.00112	0.676594	0.926152	-1.07974	0.749409	0.943075	-1.06036	0.00174732	2.26149	2.26149	0.743694	0.941761	-1.06184	0.00390891	0.491468	-2.03472	0.00451393	0.500492	-1.99804	0.324475	1.20453	1.20453	0.693695	1.07508	1.07508	6.62937	3.51176	0.470869	1
cg05655190	LENG8	0.00909437	0.00921337	0.559506	-1.78729	0.202425	1.26668	1.26668	0.197526	1.27034	1.27034	0.0654104	0.695387	-1.43805	0.0756466	0.706547	-1.41533	0.0329526	0.645234	-1.54983	0.0448931	1.49835	1.49835	0.102286	1.36902	1.36902	0.00881637	0.556669	-1.7964	6.09217	2.97728	0.434406	1
cg09259004	LENG8	0.0161373	0.601592	0.920278	-1.08663	0.000275692	0.390936	-2.55796	0.21183	0.812674	-1.23051	0.487756	0.894779	-1.11759	0.0552385	0.709829	-1.40879	0.628771	0.926048	-1.07986	0.110384	0.760038	-1.31572	0.402693	1.14461	1.14461	0.900754	0.980516	-1.01987	5.05659	1.99188	0.350148	1
cg08613384	LENG8	0.0212075	0.250515	0.737801	-1.35538	0.719151	1.09576	1.09576	0.29227	0.758272	-1.31879	0.337571	0.778513	-1.2845	0.0007625	0.274825	-3.63869	0.185396	0.700721	-1.4271	0.0619572	1.70282	1.70282	0.815642	0.942569	-1.06093	0.0744158	0.604485	-1.6543	4.61151	4.68404	0.902868	1
cg19514961	LENG8;LENG8	1.25E-05	2.90E-05	0.176161	-5.67662	0.00111156	0.407032	-2.45681	0.407411	0.871885	-1.14694	?	?	?	?	?	?	0.0175444	0.606696	-1.64827	1.05E-05	7.90637	7.90637	8.62E-05	4.20051	4.20051	4.57E-05	0.201033	-4.97431	88.6478	26.7778	0.258917	1
cg25290355	LENG9	0.00247825	0.0252768	0.346551	-2.88557	0.129188	1.87663	1.87663	0.0120314	3.56752	3.56752	0.00324041	0.184224	-5.42816	?	?	?	0.00112007	0.124009	-8.06395	0.22717	1.61862	1.61862	0.031788	0.368986	-2.71013	0.0261726	2.85799	2.85799	13.7101	25.5998	1.40041	1
cg06927792	LENG9	0.0223553	0.313967	1.15134	1.15134	0.00098595	1.94013	1.94013	0.0423539	1.37221	1.37221	0.798066	0.965898	-1.03531	0.350253	1.13896	1.13896	0.103954	0.786157	-1.27201	0.939895	0.989846	-1.01026	0.244192	0.84799	-1.17926	0.356202	1.13704	1.13704	4.52896	1.31369	0.257835	1
cg05953781	LEO1	8.46E-05	0.0139537	2.32709	2.32709	0.0737548	1.74095	1.74095	0.0703681	1.75521	1.75521	0.976874	0.99197	-1.0081	?	?	?	0.11362	1.61419	1.61419	2.24E-06	0.0400836	-24.9479	0.0469331	1.88253	1.88253	0.244021	1.40358	1.40358	23.748	25.8661	1.08919	1
cg17967728	LEO1	0.00390598	0.0246573	1.49927	1.49927	0.153868	1.25997	1.25997	0.000613088	2.22258	2.22258	0.834685	0.968863	-1.03214	0.975448	0.995353	-1.00467	0.201578	0.815359	-1.22645	0.0362049	0.691656	-1.4458	0.00186527	1.95045	1.95045	0.556658	0.913943	-1.09416	7.90896	2.86983	0.322541	1
cg12598371	LEO1;LEO1	0.0233748	0.985044	1.00513	1.00513	0.0101599	2.42457	2.42457	0.00464246	2.79742	2.79742	0.878281	1.04276	1.04276	0.833726	1.05911	1.05911	0.402281	0.791219	-1.26387	0.267417	1.37113	1.37113	0.0390305	1.9206	1.9206	0.00813652	2.52312	2.52312	4.45992	5.27198	1.05074	1
cg25730670	LEP	6.03E-05	0.283288	1.20221	1.20221	1.31E-05	0.220804	-4.5289	0.000524877	0.409515	-2.44191	1.11E-05	0.21352	-4.68341	0.278571	0.830173	-1.20457	0.384774	1.1586	1.1586	0.147929	1.29231	1.29231	0.0225797	1.57009	1.57009	0.420407	0.872855	-1.14567	25.3334	10.9498	0.384201	1
cg14734794	LEP	0.00156194	0.3221	0.812461	-1.23083	0.00211379	0.41581	-2.40495	0.448707	0.854911	-1.16971	0.653783	0.912409	-1.096	0.0276435	1.69674	1.69674	0.72963	0.931977	-1.07299	4.52E-05	0.208716	-4.7912	0.114764	0.705926	-1.41658	0.507031	0.872252	-1.14646	10.3581	6.76326	0.580394	1
cg00666422	LEP	0.00280642	0.00420159	2.57867	2.57867	0.585697	1.14567	1.14567	0.567239	0.866862	-1.15359	0.00087141	0.291158	-3.43456	0.0014593	3.11319	3.11319	0.911396	0.972873	-1.02788	0.983858	1.00501	1.00501	0.174829	1.42839	1.42839	0.0382376	1.81006	1.81006	8.72905	8.43878	0.85933	1
cg16683741	LEP	0.00465033	0.192805	0.692566	-1.44391	0.0632081	0.572994	-1.74522	0.00256845	0.328149	-3.0474	0.891979	0.964434	-1.03688	0.0162429	0.456841	-2.18894	0.0311983	0.509734	-1.96181	0.0071049	0.395788	-2.5266	0.000361547	0.217786	-4.59167	0.011832	0.432732	-2.3109	7.50247	8.44058	1.00003	1
cg23753947	LEP	0.00500207	0.00980405	0.675135	-1.48118	0.032011	1.35293	1.35293	0.895667	1.01591	1.01591	0.000705355	0.537318	-1.8611	0.00700321	0.657328	-1.52131	0.908183	0.986215	-1.01398	0.227641	1.1646	1.1646	0.0701049	0.783777	-1.27587	0.243703	0.863504	-1.15807	7.33767	1.68228	0.203792	1
cg26814075	LEP	0.0284667	0.0477565	8.25189	8.25189	0.017553	14.7986	14.7986	0.283755	2.82441	2.82441	0.128012	4.63713	4.63713	0.0315012	10.5033	10.5033	0.0473677	8.29104	8.29104	0.00279062	46.6479	46.6479	0.0235859	12.4355	12.4355	0.0603988	7.20254	7.20254	4.16344	57.3201	12.2378	1
cg19594666	LEP	0.0417682	0.0431088	15.0551	15.0551	0.0231017	23.6978	23.6978	0.408534	2.67787	2.67787	0.100391	8.14428	8.14428	0.0286408	20.255	20.255	0.047407	14.0546	14.0546	0.00822209	51.3885	51.3885	0.0235866	23.34	23.34	0.0793462	9.67442	9.67442	3.62475	77.9497	19.1154	1
cg13381984	LEP;LEP	0.0497992	0.0423374	11.3195	11.3195	0.155358	4.84411	4.84411	0.331603	2.82771	2.82771	0.178592	4.40603	4.40603	0.042989	11.2086	11.2086	0.0962414	6.65499	6.65499	0.0048441	48.2861	48.2861	0.0189476	19.081	19.081	0.0572954	9.31439	9.31439	3.39332	57.8717	15.1597	1
cg03607891	LEPR;LEPR	0.0132394	0.0464215	0.411828	-2.4282	0.0257871	0.357153	-2.79992	0.109101	0.506867	-1.9729	0.0586005	0.435666	-2.29533	0.00206469	0.184991	-5.40568	0.167172	0.564011	-1.77301	0.00239512	0.192917	-5.18357	0.0486984	0.416617	-2.40028	0.0114941	0.292426	-3.41966	5.39785	12.9298	2.12921	1
cg03401738	LEPR;LEPR;LEPR	1.29E-05	0.537314	0.924679	-1.08146	0.318823	1.13788	1.13788	0.763782	1.03851	1.03851	0.390364	0.895527	-1.11666	0.414872	0.900787	-1.11014	0.108323	0.802827	-1.2456	0.0214923	0.707331	-1.41377	1.25E-07	8.22345	8.22345	0.884614	1.01837	1.01837	37.9706	9.45169	0.221264	1
cg00630958	LEPR;LEPR;LEPR	1.77E-05	?	?	?	0.0356737	1.40391	1.40391	0.149357	0.812289	-1.23109	?	?	?	0.298346	0.866619	-1.15391	?	?	?	0.0419899	0.723294	-1.38256	7.88E-07	13.7999	13.7999	0.124169	1.25196	1.25196	81.153	14.0223	0.172789	1
cg16987305	LEPR;LEPR;LEPR	0.000184909	0.239525	1.8563	1.8563	0.790373	0.875543	-1.14215	0.246427	0.544092	-1.83792	0.0452731	0.310235	-3.22336	0.000382086	0.0468945	-21.3245	0.30283	0.585578	-1.70771	?	?	?	1.05E-05	212.734	212.734	0.675334	0.810381	-1.23399	24.6305	84.4197	2.99901	1
cg08234308	LEPR;LEPR;LEPR	0.00216586	0.80425	1.13462	1.13462	0.853701	0.910392	-1.09843	0.96383	0.977201	-1.02333	0.78332	1.1505	1.1505	0.611147	1.29794	1.29794	0.796846	0.87704	-1.1402	0.44558	1.48508	1.48508	1.85E-05	84.5283	84.5283	0.2353	1.88252	1.88252	9.42028	38.5914	3.64144	1
cg11228758	LEPR;LEPR;LEPR	0.00315923	0.00779746	0.272722	-3.66674	0.0296704	0.377702	-2.64759	0.00210499	0.192994	-5.18152	0.145416	0.551748	-1.81242	0.000717301	0.141045	-7.08994	0.00776744	0.272456	-3.67031	0.00150583	0.175615	-5.69426	0.832976	1.08364	1.08364	0.0194792	0.34157	-2.92766	8.42757	19.3121	2.03692	1
cg03514351	LEPR;LEPR;LEPR	0.00494458	0.280239	0.607734	-1.64546	0.466853	0.719994	-1.3889	0.0968591	2.2448	2.2448	0.861262	0.92532	-1.08071	0.292331	0.615856	-1.62376	0.0705575	2.45142	2.45142	0.0136972	0.258574	-3.86736	0.000243698	14.7469	14.7469	0.708688	0.846603	-1.18119	7.3636	22.9587	2.77144	1
cg21683619	LEPR;LEPR;LEPR	0.0291134	0.779833	0.968052	-1.033	0.275487	1.14048	1.14048	0.685879	1.04824	1.04824	0.840776	0.976963	-1.02358	0.200793	1.16948	1.16948	0.00108168	0.571737	-1.74906	0.0598034	1.279	1.279	0.613484	0.942693	-1.06079	0.92783	1.01055	1.01055	4.13053	0.878223	0.188993	1
cg26342890	LEPR;LEPR;LEPR	0.0357259	0.0283548	0.165614	-6.03814	0.0485251	0.208925	-4.78642	0.0476408	0.207274	-4.82454	0.133634	0.324969	-3.07722	0.0151684	0.125862	-7.94519	0.0362973	0.184314	-5.42552	0.00812471	0.0949583	-10.5309	0.0417835	0.195867	-5.1055	0.0484873	0.208854	-4.78803	3.83847	29.3454	6.79563	1
cg13446852	LEPR;LEPR;LEPROT;LEPR	0.00120758	0.00126373	0.566436	-1.76542	0.0198533	1.40447	1.40447	0.066782	1.28177	1.28177	0.11044	0.810493	-1.23382	0.318335	0.882868	-1.13267	0.200202	0.849212	-1.17756	0.000304804	0.492298	-2.03129	0.673716	0.950134	-1.05248	0.00643331	1.53431	1.53431	11.1517	2.57682	0.205395	1
cg15466952	LEPR;LEPR;LEPROT;LEPR	0.0325496	0.134129	0.73714	-1.3566	0.0609726	0.671202	-1.48986	0.662602	1.08642	1.08642	0.280386	0.8091	-1.23594	0.642852	1.09216	1.09216	0.34505	1.20154	1.20154	0.392689	0.847631	-1.17976	0.600148	1.10501	1.10501	0.00110191	0.403233	-2.47996	3.96959	2.24072	0.501754	1
cg27502791	LEPR;LEPROT;LEPR;LEPR;LEPR;LEPR;LEPR;LEPROT	0.000215023	0.0106705	0.628581	-1.59089	0.0126292	1.56596	1.56596	0.0345388	1.42838	1.42838	0.28761	0.8524	-1.17316	0.000814837	0.481871	-2.07524	0.848847	1.02798	1.02798	9.82E-06	0.252907	-3.95402	0.18851	1.22328	1.22328	0.2944	0.854446	-1.17035	18.0136	5.96902	0.294544	1
cg01724006	LEPRE1;C1orf50;LEPRE1	0.00899611	0.00101158	0.393705	-2.53997	0.332115	0.825941	-1.21074	0.91439	1.02077	1.02077	0.0775743	0.687334	-1.4549	0.0236703	0.596749	-1.67575	0.0480414	0.649266	-1.5402	0.00122391	0.40493	-2.46956	0.774534	0.946588	-1.05643	0.0461636	0.646201	-1.54751	6.11321	3.53662	0.514241	1
cg00451039	LEPRE1;C1orf50;LEPRE1	0.0106168	0.539088	0.949414	-1.05328	0.707137	0.968984	-1.03201	0.18694	1.12386	1.12386	0.232905	0.900848	-1.11007	0.576647	0.954008	-1.04821	0.00267122	1.41433	1.41433	0.0174421	0.785377	-1.27327	0.0188408	0.788592	-1.26808	0.0347943	1.228	1.228	5.79829	0.639943	0.0981044	1
cg12108527	LEPRE1;C1orf50;LEPRE1	0.0172804	0.438341	0.909293	-1.09976	0.000488434	1.92951	1.92951	0.390298	1.1117	1.1117	0.497664	1.08634	1.08634	0.15264	1.20234	1.20234	0.191701	1.18087	1.18087	0.933538	0.990017	-1.01008	0.0766886	0.78912	-1.26723	0.222432	1.16676	1.16676	4.94235	1.13258	0.203697	1
cg09501274	LEPRE1;C1orf50;LEPRE1	0.0331385	0.167866	1.21825	1.21825	0.148215	1.23161	1.23161	0.0315352	1.40311	1.40311	0.0722649	1.30922	1.30922	0.0860906	1.29011	1.29011	0.157531	0.81628	-1.22507	0.0263654	0.702073	-1.42435	0.470116	1.10373	1.10373	0.124398	0.799748	-1.25039	3.94411	1.12688	0.253965	1
cg09348084	LEPRE1;C1orf50;LEPRE1	0.0411125	0.94405	1.00861	1.00861	0.000727112	0.533758	-1.87351	0.576144	1.07144	1.07144	0.314575	0.880676	-1.13549	0.374846	0.89468	-1.11772	0.524613	1.08196	1.08196	0.359402	0.891245	-1.12203	0.378509	0.895482	-1.11672	0.278219	0.871304	-1.1477	3.64604	0.862036	0.210161	1
cg11856487	LEPRE1;LEPRE1	0.000132625	0.0228482	0.682494	-1.46521	0.00392213	0.58014	-1.72372	0.000381911	0.451318	-2.21573	0.000240348	0.426364	-2.34542	5.03E-05	0.344228	-2.90505	0.699477	0.947045	-1.05592	1.91E-05	0.295781	-3.38088	0.667993	1.06239	1.06239	0.00968059	0.631825	-1.58272	20.526	6.39589	0.276977	1
cg00917471	LEPRE1;LEPRE1	0.00360136	0.00679889	0.354356	-2.82202	0.411941	0.780227	-1.28168	0.0650788	0.541872	-1.84545	0.145801	0.630044	-1.58719	0.000938598	0.232212	-4.3064	0.00571707	0.342349	-2.921	0.00351309	0.310038	-3.22541	0.0434804	1.98743	1.98743	0.0203974	0.437448	-2.28599	8.10421	11.2322	1.23197	1
cg04118124	LEPRE1;LEPRE1	0.0123302	0.369873	0.76542	-1.30647	0.00622771	0.355167	-2.81558	0.567667	0.845617	-1.18257	0.888299	0.960023	-1.04164	0.100879	0.593561	-1.68475	0.0994124	0.591971	-1.68927	0.0012765	0.25568	-3.91114	0.0024614	0.29447	-3.39593	0.13857	0.629469	-1.58864	5.52458	7.37367	1.1864	1
cg19044674	LEPRE1;LEPRE1;C1orf50	0.0234839	0.523451	0.91603	-1.09167	0.0157001	1.49426	1.49426	0.0234953	1.44342	1.44342	0.808366	0.967579	-1.03351	0.629687	1.06812	1.06812	0.546137	0.92049	-1.08638	0.0231894	0.692026	-1.44503	0.26519	1.17058	1.17058	0.010962	1.54188	1.54188	4.45275	1.29742	0.259	1
cg15045153	LEPREL1;LEPREL1	0.000502413	0.0106989	0.527891	-1.89433	0.0024232	0.431318	-2.31848	0.012547	0.538855	-1.85579	6.60E-05	0.232797	-4.29559	0.000385795	0.323748	-3.08882	0.000672838	0.354976	-2.81709	0.00742131	0.503204	-1.98726	0.0242952	0.585872	-1.70686	0.00053882	0.342364	-2.92086	14.2714	8.96347	0.558284	1
cg20270599	LEPREL1;LEPREL1	0.00245986	0.00707932	0.415896	-2.40445	0.0111459	0.448402	-2.23014	0.00124927	0.304672	-3.28222	0.997789	1.0007	1.0007	0.000634737	0.266316	-3.75494	0.0455939	0.561076	-1.78229	0.00381442	0.374003	-2.67378	0.187525	1.42209	1.42209	0.962723	1.01185	1.01185	9.07515	9.13469	0.894721	1
cg13894444	LEPREL1;LEPREL1	0.00306648	0.610854	0.922296	-1.08425	0.00014136	0.355198	-2.81533	0.00280616	0.522562	-1.91365	0.871613	0.974829	-1.02582	0.144572	0.781129	-1.2802	0.400287	0.873093	-1.14535	0.0443175	1.43923	1.43923	0.0536659	0.707955	-1.41252	0.0484027	0.700839	-1.42686	8.5026	3.34573	0.349773	1
cg10244461	LEPREL1;LEPREL1	0.00441939	0.0168619	0.4548	-2.19877	0.433253	0.805654	-1.24123	0.0168003	0.454513	-2.20016	0.601648	1.15296	1.15296	0.000278722	0.200538	-4.98658	0.225268	0.708807	-1.41082	0.00124615	0.279558	-3.57708	0.06955	0.577786	-1.73074	0.0945549	0.608598	-1.64312	7.61937	8.81262	1.0281	1
cg19046725	LEPREL1;LEPREL1	0.0053334	0.767643	1.09431	1.09431	0.105775	1.7116	1.7116	0.644665	1.15172	1.15172	0.0405418	2.05331	2.05331	0.0969725	0.574578	-1.74041	0.874592	1.04922	1.04922	0.0619212	0.527591	-1.89541	0.000166025	7.0389	7.0389	0.407898	1.29368	1.29368	7.19512	10.5431	1.30251	1
cg00387704	LEPREL1;LEPREL1	0.00578902	0.337114	1.13339	1.13339	0.337755	1.13319	1.13319	0.878385	1.01956	1.01956	0.160921	1.20861	1.20861	0.800236	0.968428	-1.0326	0.730468	0.957187	-1.04473	0.000354517	0.483966	-2.06626	0.00581851	1.57929	1.57929	0.0911204	1.26548	1.26548	7.01618	1.77893	0.225375	1
cg23015696	LEPREL1;LEPREL1	0.0115062	0.265969	1.24342	1.24342	0.34901	1.19867	1.19867	0.157307	1.32877	1.32877	0.0473229	1.53192	1.53192	0.159576	1.32644	1.32644	0.643023	1.09169	1.09169	0.0953443	0.708636	-1.41116	0.000269482	3.07451	3.07451	0.836433	1.03962	1.03962	5.64988	3.16122	0.497352	1
cg15615575	LEPREL1;LEPREL1	0.0160002	0.0902889	0.678185	-1.47452	0.159296	1.3674	1.3674	0.404921	0.837544	-1.19397	0.574292	1.12533	1.12533	0.00187093	0.399424	-2.50361	0.156875	1.37025	1.37025	0.0130965	0.527192	-1.89684	0.0640336	0.648562	-1.54187	0.195763	0.752295	-1.32927	5.07097	3.4759	0.609289	1
cg18132405	LEPREL1;LEPREL1	0.0188363	0.0156521	0.30445	-3.28461	0.00970363	0.268961	-3.71801	0.00786338	0.254427	-3.9304	0.838231	1.08551	1.08551	0.0754026	0.451811	-2.21331	0.0461244	0.399646	-2.50222	0.00372971	0.207614	-4.81663	0.369011	0.690521	-1.44818	0.584288	0.801106	-1.24827	4.80108	12.2492	2.26785	1
cg20858433	LEPREL1;LEPREL1	0.0198346	0.338944	1.17433	1.17433	0.0229876	0.641864	-1.55796	0.708126	1.06323	1.06323	0.223505	0.811796	-1.23184	0.316119	0.844532	-1.18409	0.108294	1.33059	1.33059	0.00527114	1.82164	1.82164	0.0292462	0.657851	-1.5201	0.211556	0.806889	-1.23933	4.71785	1.98602	0.374185	1
cg11118584	LEPREL1;LEPREL1	0.0308792	0.0425746	0.375671	-2.6619	0.0398016	0.369137	-2.70902	0.00757327	0.236834	-4.22237	0.579954	0.79104	-1.26416	0.188443	1.79377	1.79377	0.338871	0.661421	-1.5119	0.743536	1.14759	1.14759	0.556545	0.779302	-1.2832	0.00682099	0.230013	-4.34759	4.04505	11.2638	2.4752	1
cg23238530	LEPREL1;LEPREL1	0.0364287	0.0373974	0.207453	-4.82037	0.0174532	0.151946	-6.58127	0.0337586	0.199023	-5.02456	0.607631	0.71374	-1.40107	0.0113836	0.127103	-7.86765	0.0214452	0.165406	-6.04574	0.0391839	0.211409	-4.73016	0.0281154	0.184766	-5.41224	0.236314	0.445738	-2.24347	3.8114	25.5946	5.96915	1
cg03343083	LEPREL1;LEPREL1	0.0474397	0.646711	1.30649	1.30649	0.989163	0.992163	-1.0079	0.144016	0.402815	-2.48253	0.387259	0.598461	-1.67095	0.315742	0.548312	-1.82378	0.0347406	0.240303	-4.16141	0.00349164	0.100685	-9.93197	0.0220481	0.203787	-4.90709	0.0908851	0.339946	-2.94164	3.45626	18.3701	4.72448	1
cg10395711	LEPREL2	0.00778892	0.0313411	0.787485	-1.26987	0.091093	1.19251	1.19251	0.0850439	1.19738	1.19738	0.0347817	0.792335	-1.26209	0.169843	0.87082	-1.14834	0.0451595	1.24286	1.24286	0.621104	1.04826	1.04826	0.0617112	0.819494	-1.22027	0.00263537	1.48254	1.48254	6.3977	0.906767	0.125985	1
cg03389126	LEPREL2	0.0150269	0.0725802	0.792109	-1.26245	0.0303712	0.743721	-1.34459	0.00786118	0.672497	-1.48699	0.656677	0.949285	-1.05342	0.00248523	0.613155	-1.63091	0.0622736	0.783367	-1.27654	0.00926849	0.681043	-1.46834	0.0760923	0.794832	-1.25813	0.432504	1.09767	1.09767	5.17764	1.10983	0.190534	1
cg23360251	LEPREL2;LEPREL2	0.0060024	0.0335672	0.520634	-1.92074	0.582514	1.15715	1.15715	0.247494	1.37421	1.37421	0.26298	0.735791	-1.35908	0.457798	0.819734	-1.21991	0.476398	1.20969	1.20969	0.000151687	0.181065	-5.52288	0.128968	0.649649	-1.53929	0.213903	1.41065	1.41065	6.9383	7.59502	0.973023	1
cg03853587	LEPROT;LEPR;LEPR;LEPR	0.00625929	0.00106732	0.228569	-4.37504	0.863067	0.948675	-1.0541	0.289277	0.714812	-1.39897	0.00598565	2.99373	2.99373	0.470869	0.799408	-1.25093	0.534101	1.21191	1.21191	0.0873595	0.562107	-1.77902	0.0112421	2.63627	2.63627	0.678985	0.880716	-1.13544	6.849	10.1053	1.3115	1
cg23055818	LEPROT;LEPR;LEPR;LEPR	0.00841965	0.955319	1.02313	1.02313	0.227248	0.596169	-1.67738	0.378986	1.44524	1.44524	0.392155	0.699278	-1.43005	0.00018518	0.076041	-13.1508	?	?	?	0.464995	1.35447	1.35447	0.278848	1.58315	1.58315	0.930972	1.03598	1.03598	6.37004	14.9302	2.34381	1
cg13202122	LEPROT;LEPR;LEPR;LEPR	0.0326046	0.498441	1.26512	1.26512	0.48283	0.78344	-1.27642	0.0785144	1.95174	1.95174	0.348913	0.718937	-1.39094	0.00822574	0.314502	-3.17963	0.064205	0.490832	-2.03736	0.029103	2.41099	2.41099	0.140828	0.581551	-1.71954	0.717759	1.13226	1.13226	3.96718	7.35733	1.64849	1
cg14976592	LEPROT;LEPR;LEPR;LEPR	0.0364733	0.282281	0.68313	-1.46385	0.706947	1.13748	1.13748	0.191483	1.60263	1.60263	0.187293	0.620852	-1.61069	0.0449411	0.456176	-2.19214	0.0597518	0.484547	-2.06378	0.00769882	3.21515	3.21515	0.166402	1.65411	1.65411	0.883286	1.05138	1.05138	3.8097	7.01849	1.63757	1
cg16536330	LEPROTL1;LEPROTL1	9.06E-05	5.11E-05	0.219857	-4.5484	0.406654	0.8441	-1.18469	0.000823373	0.365646	-2.73489	0.00864502	0.512538	-1.95108	0.000428498	0.328602	-3.04319	0.0494532	0.639154	-1.56457	0.000203829	0.288469	-3.46657	0.0018332	2.42	2.42	0.000126242	0.263782	-3.79101	22.732	14.3516	0.561191	1
cg04039925	LEPROTL1;LEPROTL1	0.00129852	5.60E-05	0.326011	-3.06738	0.138157	1.26982	1.26982	0.0107687	1.61513	1.61513	0.380988	1.14392	1.14392	0.58321	1.08645	1.08645	0.337811	1.15935	1.15935	0.0102566	0.616215	-1.62281	0.214703	1.21585	1.21585	0.735172	1.05211	1.05211	10.9226	3.8733	0.315211	1
cg15162219	LEPROTL1;LEPROTL1	0.00419281	0.357278	1.14311	1.14311	0.427292	0.891807	-1.12132	0.0264001	0.689395	-1.45055	0.400518	1.12927	1.12927	0.00018297	0.409161	-2.44402	0.142438	0.800312	-1.24951	0.00752642	0.61515	-1.62562	0.00924874	0.627084	-1.59468	0.267125	0.849312	-1.17742	7.74171	2.4472	0.280982	1
cg01661567	LETM1	0.000766645	0.000302212	0.363904	-2.74798	0.128283	0.753595	-1.32697	0.029607	0.643592	-1.55378	0.223113	0.802296	-1.24642	0.429323	0.870375	-1.14893	4.47E-05	0.264449	-3.78144	0.926087	0.98416	-1.01609	0.309061	1.19859	1.19859	0.00171475	0.462923	-2.16019	12.6831	5.94783	0.416851	1
cg03732753	LETM1	0.00265001	0.770956	0.959237	-1.0425	0.796907	1.03745	1.03745	0.0023328	0.545563	-1.83297	0.0135189	0.646742	-1.54621	0.00412621	0.577871	-1.73049	0.274893	1.17581	1.17581	0.000528767	0.4632	-2.15889	0.592624	0.925893	-1.08004	0.00281531	0.556168	-1.79802	8.87825	2.85797	0.28614	1
cg18968278	LETM1	0.00269511	0.0671823	0.640805	-1.56054	0.000431746	0.298848	-3.34618	0.000882453	0.339171	-2.94837	0.917178	0.977688	-1.02282	0.0796179	0.655707	-1.52507	0.000595071	0.316658	-3.15798	0.889165	0.970204	-1.03071	0.417804	0.83559	-1.19676	0.0986924	0.675171	-1.48111	8.83413	6.58428	0.66251	1
cg07698591	LETM1	0.0040594	0.0709472	0.352243	-2.83895	0.062201	2.96182	2.96182	0.722053	0.83133	-1.20289	0.613966	1.30091	1.30091	0.00112249	0.0836771	-11.9507	0.00310851	0.123446	-8.10073	0.00385522	0.133474	-7.49211	0.739186	1.18864	1.18864	0.0161172	0.2181	-4.58505	7.81766	33.1192	3.76574	1
cg13729116	LETM1	0.0129552	0.00586086	0.443398	-2.25531	0.71243	0.919909	-1.08706	0.157222	0.710995	-1.40648	0.0480457	1.66457	1.66457	0.00128802	0.347216	-2.88005	0.158488	0.711834	-1.40482	0.228246	0.751891	-1.32998	0.0649694	0.626702	-1.59566	0.232284	0.753923	-1.3264	5.43628	4.37771	0.715801	1
cg20229362	LETM1	0.020611	0.0466992	2.31768	2.31768	0.0131472	3.11068	3.11068	0.254574	1.55125	1.55125	0.0298163	2.5692	2.5692	0.637989	1.19114	1.19114	0.0403893	2.3961	2.3961	0.0109736	3.24778	3.24778	0.00479865	3.9803	3.9803	0.0124747	3.14978	3.14978	4.65663	10.0463	1.9177	1
cg09555617	LETM1	0.0276523	0.010153	0.212371	-4.70873	0.160522	0.488506	-2.04706	0.252161	0.564595	-1.77118	0.0134416	0.231636	-4.31712	0.00614267	0.181139	-5.52061	0.0504071	0.344489	-2.90285	0.00953076	0.208217	-4.80268	0.216755	0.537345	-1.861	0.111592	0.436862	-2.28905	4.20624	15.2136	3.21503	1
cg13758310	LETM1	0.0345202	0.0527779	1.3287	1.3287	0.149824	0.819287	-1.22057	0.733743	1.04506	1.04506	0.447623	1.10507	1.10507	0.798497	0.967514	-1.03358	0.120824	1.24257	1.24257	0.0659531	1.30515	1.30515	0.222393	1.18003	1.18003	0.00552538	0.624527	-1.60121	3.88648	1.0258	0.234614	1
cg02821998	LETM1	0.0446715	0.146683	0.658282	-1.5191	0.130293	0.64493	-1.55056	0.388849	1.26749	1.26749	0.536207	0.845244	-1.18309	0.0129459	0.436925	-2.28872	0.636934	0.880193	-1.13611	0.0100075	0.417779	-2.39361	0.0151259	0.448796	-2.22818	0.109015	0.62555	-1.59859	3.53521	4.03391	1.01428	1
cg02481307	LETM1	0.0496483	0.372104	0.834206	-1.19874	0.0618535	1.51587	1.51587	0.368151	1.20065	1.20065	0.0102327	1.89718	1.89718	0.0891553	0.690161	-1.44894	0.849392	0.963092	-1.03832	0.301761	0.809255	-1.2357	0.061417	0.659111	-1.5172	0.717826	1.07443	1.07443	3.39723	2.1055	0.550906	1
cg20791178	LETM2	0.00580456	0.141581	0.60326	-1.65766	0.269032	0.692066	-1.44495	0.0041146	0.292118	-3.42327	0.0717802	0.525835	-1.90174	0.00176526	0.240679	-4.15491	0.095238	0.556473	-1.79703	0.00054232	0.179178	-5.58104	0.536105	1.22181	1.22181	0.0633179	0.512861	-1.94985	7.01039	11.3517	1.43936	1
cg20320656	LETMD1;LETMD1	2.30E-05	0.000371993	0.209491	-4.77348	4.85E-05	0.122774	-8.14503	0.00011854	0.157436	-6.35178	0.273807	0.731555	-1.36695	0.00247711	0.315142	-3.17318	0.00381251	0.342691	-2.91808	1.06E-06	0.0301384	-33.1802	0.14796	0.653092	-1.53118	4.56E-05	0.120551	-8.29523	32.6668	38.9806	1.06069	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07233908	LETMD1;LETMD1	0.000326399	0.330247	0.944479	-1.05878	0.233442	0.931436	-1.07361	0.157243	1.0898	1.0898	0.0308873	0.865797	-1.15501	0.916992	0.99409	-1.00594	6.86E-06	0.567208	-1.76302	0.560071	0.967053	-1.03407	0.0586689	1.12911	1.12911	0.00972341	1.20436	1.20436	16.0744	0.822937	0.0455072	1
cg18051798	LETMD1;LETMD1	0.00267663	0.00233815	0.210438	-4.75199	0.0668228	0.470576	-2.12506	0.424982	0.741645	-1.34835	0.0244509	0.374019	-2.67366	9.07E-05	0.0767707	-13.0258	0.0176043	0.346622	-2.88499	0.00518705	0.258332	-3.87099	0.321855	0.686989	-1.45563	0.0748024	0.482875	-2.07093	8.85209	18.8673	1.89457	1
cg11226480	LETMD1;LETMD1	0.00947126	0.433385	0.805703	-1.24115	0.000967119	0.265134	-3.77167	0.0240537	0.483237	-2.06938	0.263624	0.72985	-1.37015	0.695791	0.899251	-1.11204	0.00112671	0.27377	-3.6527	0.828092	1.06053	1.06053	0.895932	1.036	1.036	0.711765	1.1055	1.1055	6.01399	6.95608	1.02813	1
cg01016169	LETMD1;LETMD1	0.0104593	0.609311	0.825642	-1.21118	0.00411576	4.18074	4.18074	0.46195	1.32096	1.32096	0.69173	1.15968	1.15968	0.0227316	0.362941	-2.75527	0.317392	1.4684	1.4684	0.00215429	0.201628	-4.95962	0.820284	0.918896	-1.08826	0.184916	0.592948	-1.68649	5.82619	12.7493	1.94513	1
cg22793614	LETMD1;LETMD1	0.0172479	0.799843	0.892519	-1.12042	0.0588008	2.59926	2.59926	0.000455647	0.0844584	-11.8401	0.706147	1.18474	1.18474	0.247793	0.582302	-1.71732	0.120667	0.470811	-2.124	0.666304	0.823522	-1.2143	0.753172	1.15164	1.15164	0.973027	0.984982	-1.01525	4.94546	15.6884	2.81981	1
cg00097794	LETMD1;LETMD1	0.0371296	0.0100792	0.602957	-1.65849	0.0862193	0.744271	-1.3436	0.202069	0.810693	-1.23351	0.100706	1.3233	1.3233	0.447217	0.8863	-1.12829	0.273393	1.19434	1.19434	0.651119	1.0735	1.0735	0.0187617	0.641653	-1.55848	0.0896404	0.747108	-1.33849	3.78504	1.45526	0.341758	1
cg09341730	LEUTX	1.29E-05	1.16E-05	0.240979	-4.14974	0.0867651	0.748635	-1.33576	0.000217117	0.389016	-2.57059	0.545976	0.91072	-1.09803	0.00250833	0.526003	-1.90113	0.663775	0.935252	-1.06923	6.36E-06	0.214048	-4.67184	1.07E-06	0.142376	-7.02363	0.0355472	0.687632	-1.45427	37.9394	14.0737	0.329736	1
cg03281369	LEUTX	3.23E-05	3.27E-06	0.169342	-5.9052	0.283229	0.835322	-1.19714	0.000434561	0.407517	-2.45388	0.0770468	1.3734	1.3734	6.69E-06	0.198911	-5.02739	0.190011	1.25108	1.25108	0.959834	0.991905	-1.00816	0.745414	1.05399	1.05399	0.0176485	0.627595	-1.59338	29.8696	12.3215	0.366674	1
cg03734045	LEUTX	0.000862826	0.514945	0.921504	-1.08518	0.00589596	0.640158	-1.56212	0.00999489	0.668527	-1.49583	0.540624	0.926177	-1.07971	1.28E-05	0.321172	-3.1136	0.679012	0.949786	-1.05287	0.384869	1.11661	1.11661	0.907752	1.01445	1.01445	0.657876	0.946316	-1.05673	12.2679	2.97816	0.215786	1
cg11910782	LEUTX	0.00715732	0.0364199	0.293185	-3.41082	0.593482	0.761983	-1.31237	0.00672666	0.169831	-5.88822	0.174862	0.482865	-2.07097	0.512359	1.39827	1.39827	0.569349	1.33661	1.33661	0.000432475	0.060309	-16.5813	0.00926382	0.188999	-5.29103	0.0847503	0.382205	-2.6164	6.5694	26.483	3.58335	1
cg23875401	LEUTX;LEUTX	0.000480427	0.15249	0.760862	-1.3143	0.838814	1.03699	1.03699	0.000659895	0.394438	-2.53525	1.50E-05	0.201778	-4.95595	0.0241502	0.619117	-1.6152	0.560088	0.900253	-1.1108	0.349763	0.842277	-1.18726	0.0401169	0.655096	-1.52649	0.027219	1.59375	1.59375	14.4496	7.27795	0.447713	1
cg01896341	LFNG	0.0247824	0.96459	1.01341	1.01341	0.070937	1.83228	1.83228	0.982798	1.00649	1.00649	0.74895	1.10117	1.10117	0.0327888	0.472573	-2.11607	0.0362364	2.0769	2.0769	0.00473731	3.08329	3.08329	0.0268734	2.19648	2.19648	0.25383	1.42998	1.42998	4.3705	6.23568	1.26824	1
cg08325813	LFNG	0.0290718	0.88328	1.04564	1.04564	0.123182	0.602108	-1.66083	0.00328545	0.296154	-3.37662	0.0519413	0.510793	-1.95774	0.00480915	0.320934	-3.11591	0.998215	0.999321	-1.00068	0.841902	1.06255	1.06255	0.555274	1.19872	1.19872	0.436477	0.785717	-1.27272	4.13261	6.04014	1.29918	1
cg04945557	LFNG;LFNG	0.00325583	0.0119212	1.81712	1.81712	0.000713243	0.374959	-2.66696	0.0782421	1.45116	1.45116	0.0410601	1.56625	1.56625	0.0458879	1.54581	1.54581	0.0235379	1.67329	1.67329	0.0518289	0.656287	-1.52372	0.479718	1.14654	1.14654	0.115455	1.38502	1.38502	8.35229	4.79205	0.509991	1
cg11623476	LFNG;LFNG;LFNG;LFNG	0.000409503	0.000263408	0.377019	-2.65239	0.546329	0.905447	-1.10443	0.00545789	1.81238	1.81238	0.176914	1.26303	1.26303	0.0873336	0.735584	-1.35946	0.0624268	0.710923	-1.40662	5.40E-05	0.293799	-3.40369	0.0449084	1.45423	1.45423	0.580804	0.913253	-1.09499	15.1021	6.3309	0.372628	1
cg22512208	LFNG;LFNG;LFNG;LFNG	0.00333474	0.866329	0.982175	-1.01815	0.0709866	1.2403	1.2403	0.502138	0.92986	-1.07543	0.0116616	1.4001	1.4001	0.00738205	1.44566	1.44566	0.0133624	1.38702	1.38702	0.000253562	1.9036	1.9036	0.00374382	1.51876	1.51876	0.855056	1.01971	1.01971	8.29283	1.49707	0.160467	1
cg15653194	LFNG;LFNG;LFNG;LFNG	0.00668009	0.0547778	0.630115	-1.58701	0.0030949	2.35896	2.35896	0.0378419	1.66622	1.66622	0.512557	0.868653	-1.15121	0.847215	0.959929	-1.04174	0.975395	0.993483	-1.00656	0.00143475	0.376341	-2.65717	0.331676	1.23657	1.23657	0.246132	1.29325	1.29325	6.71216	4.77851	0.632817	1
cg20711703	LFNG;LFNG;LFNG;LFNG	0.00773424	0.450944	1.16132	1.16132	0.000307519	3.12942	3.12942	0.0485576	0.644861	-1.55072	0.10444	1.41282	1.41282	0.815247	0.955449	-1.04663	0.223228	1.28297	1.28297	0.0200025	1.72736	1.72736	0.0705051	1.48227	1.48227	0.179933	1.31955	1.31955	6.41187	3.84983	0.533709	1
cg06160397	LFNG;LFNG;LFNG;LFNG	0.013411	0.640447	1.09321	1.09321	0.203594	1.28946	1.28946	0.066493	0.677147	-1.47678	0.0387118	1.57388	1.57388	0.0101884	0.541281	-1.84747	0.344404	0.831514	-1.20263	0.0168515	0.575549	-1.73747	0.0748124	1.45636	1.45636	0.0489	1.5312	1.5312	5.37515	3.05545	0.50528	1
cg23510807	LFNG;LFNG;LFNG;LFNG	0.0203747	0.00182909	0.355586	-2.81226	0.402127	1.22168	1.22168	0.669945	1.1053	1.1053	0.75708	1.07514	1.07514	0.00648402	0.437652	-2.28492	0.16248	1.41652	1.41652	0.280403	0.76951	-1.29953	0.781899	1.06695	1.06695	0.231897	0.74619	-1.34014	4.67496	4.03713	0.767613	1
cg20161791	LFNG;LFNG;LFNG;LFNG	0.0213273	0.0579542	0.389416	-2.56795	0.778809	1.1319	1.1319	0.612345	0.79864	-1.25213	0.781958	0.885078	-1.12984	0.00288191	0.16474	-6.07017	0.0913244	0.441226	-2.26641	0.00179956	0.141749	-7.05473	0.127333	0.484086	-2.06575	0.497363	0.738475	-1.35414	4.60264	14.1133	2.72564	1
cg13568415	LFNG;LFNG;LFNG;LFNG	0.0217027	0.00218134	8.69016	8.69016	0.631382	0.784168	-1.27524	0.0123559	4.79048	4.79048	0.169831	2.08639	2.08639	0.150234	2.17207	2.17207	0.222868	1.90451	1.90451	0.307372	1.70141	1.70141	0.00470024	6.6166	6.6166	0.215171	1.92746	1.92746	4.57523	18.3306	3.56131	1
cg21577472	LFNG;LFNG;LFNG;LFNG	0.0262863	0.22557	0.342146	-2.92273	0.0048269	0.0428223	-23.3523	0.00430393	0.0400708	-24.9558	0.890665	1.12289	1.12289	0.0123079	0.0722914	-13.8329	0.167844	0.289747	-3.45129	0.0579834	0.164309	-6.08611	0.147103	0.269502	-3.71054	0.119037	0.240325	-4.16102	4.28165	48.159	9.99801	1
cg13151425	LFNG;LFNG;LFNG;LFNG	0.0470769	0.237366	0.49114	-2.03608	0.00335857	0.101066	-9.89454	0.013983	0.174924	-5.71677	0.990362	1.00696	1.00696	0.143274	0.405152	-2.46821	0.205692	0.46448	-2.15295	0.0464102	0.269716	-3.7076	0.081585	0.329983	-3.03046	0.143687	0.405585	-2.46557	3.46628	18.1126	4.64479	1
cg06822952	LGALS1	0.00127248	2.06E-05	0.0233921	-42.7495	0.00472834	0.194114	-5.15161	0.0144407	0.267989	-3.7315	0.0514938	0.379714	-2.63356	0.0398304	0.354159	-2.82359	0.0941086	0.447529	-2.23449	0.0104947	0.244912	-4.0831	0.0310389	0.330937	-3.02173	0.0451151	0.366336	-2.72973	10.9861	33.2004	2.68625	1
cg25247183	LGALS1	0.0149759	0.00889706	0.153328	-6.52196	0.798468	0.865773	-1.15504	0.126362	0.393931	-2.53852	0.0729395	0.324076	-3.0857	0.0303197	0.238275	-4.19684	0.515251	0.689572	-1.45017	0.00147663	0.0754429	-13.2551	0.0110306	0.165953	-6.02581	0.0189382	0.201714	-4.95752	5.18346	26.0518	4.46751	1
cg21737444	LGALS1	0.0211644	0.382584	0.721591	-1.38583	0.00937029	0.301013	-3.32212	?	?	?	0.0327346	0.402357	-2.48535	0.988753	1.00515	1.00515	0.805143	0.913867	-1.09425	0.0270223	2.59622	2.59622	0.0597542	0.461108	-2.16869	0.0842815	2.00563	2.00563	4.69772	8.78195	1.86941	1
cg16004377	LGALS12;LGALS12;LGALS12	0.00088294	0.0369761	0.648993	-1.54085	0.046116	0.665085	-1.50357	0.00180776	0.453027	-2.20737	0.00868461	0.550516	-1.81648	2.15E-05	0.217569	-4.59624	0.158165	0.763943	-1.309	0.637441	1.08841	1.08841	0.0724979	0.699322	-1.42996	0.00449101	0.508618	-1.96611	12.1884	6.14817	0.44838	1
cg21964800	LGALS12;LGALS12;LGALS12	0.013819	0.317879	0.633557	-1.57839	0.0139299	0.2611	-3.82996	0.00229545	0.151971	-6.58019	0.0127535	0.254631	-3.92726	0.0204883	0.291033	-3.43603	0.067047	0.403552	-2.478	0.0132164	0.257229	-3.88759	0.0102287	0.239029	-4.18359	0.0639577	0.398347	-2.51037	5.32259	16.4742	2.75124	1
cg05048927	LGALS12;LGALS12;LGALS12	0.017328	0.881299	0.96735	-1.03375	0.142279	0.704377	-1.41969	0.00936772	0.480953	-2.0792	0.0983957	0.668533	-1.49582	0.000838801	0.327522	-3.05323	0.425207	1.19831	1.19831	0.48011	1.17289	1.17289	0.254833	0.767878	-1.30229	0.128016	0.693826	-1.44128	4.93779	3.85965	0.694804	1
cg13439241	LGALS12;LGALS12;LGALS12	0.0369812	0.03446	0.350212	-2.85541	0.0384827	0.360597	-2.77318	0.0230596	0.314712	-3.17751	0.0136144	0.272943	-3.66377	0.0229612	0.314352	-3.18115	0.278783	0.619367	-1.61455	0.163883	0.53154	-1.88132	0.0158975	0.284713	-3.5123	0.0336481	0.348007	-2.87351	3.79056	10.8645	2.54773	1
cg19957411	LGALS12;LGALS12;LGALS12	0.0453961	0.898979	0.981625	-1.01872	0.940852	0.989223	-1.01089	0.00970872	0.620209	-1.61236	0.0696298	0.743567	-1.34487	0.147667	0.797059	-1.25461	0.0383287	1.41974	1.41974	0.105053	0.772111	-1.29515	0.0527009	0.724994	-1.37932	0.874245	0.977138	-1.0234	3.51397	1.18661	0.300164	1
cg08549889	LGALS12;LGALS12;LGALS12;LGALS12;LGALS12	4.80E-05	0.076086	0.840364	-1.18996	0.400769	0.927017	-1.07873	6.55E-07	0.302387	-3.30702	0.323874	0.914136	-1.09393	0.00640553	0.731593	-1.36688	0.0103829	0.752469	-1.32896	0.00866224	1.34293	1.34293	0.00754922	0.738697	-1.35373	0.61078	1.04627	1.04627	26.9133	3.30929	0.109299	1
cg04075247	LGALS12;LGALS12;LGALS12;LGALS12;LGALS12	0.000522164	0.103396	0.82212	-1.21637	0.0104957	0.701774	-1.42496	0.000136532	0.483977	-2.06622	0.631683	1.05454	1.05454	0.91289	1.01211	1.01211	0.0584819	1.265	1.265	0.000368723	1.872	1.872	0.00571265	0.67132	-1.4896	0.0667546	0.797703	-1.2536	14.1195	2.70392	0.170224	1
cg27376024	LGALS12;LGALS12;LGALS12;LGALS12;LGALS12;LGALS12	0.0475481	0.134498	0.554666	-1.80289	0.0484392	0.438878	-2.27854	0.0211315	0.363245	-2.75296	0.0461904	0.434172	-2.30324	0.0094452	0.300752	-3.325	0.827601	1.08292	1.08292	0.0214805	0.364618	-2.7426	0.14704	0.566444	-1.7654	0.131563	0.551803	-1.81224	3.45328	7.2961	1.87805	1
cg12410310	LGALS12;LGALS12;LGALS12;LGALS12;LGALS12;LGALS12;LGALS12	0.0238123	0.353482	0.768293	-1.30159	0.624715	0.872738	-1.14582	0.00300129	0.325101	-3.07596	0.486518	1.21556	1.21556	0.00935108	0.402512	-2.4844	0.220067	0.700464	-1.42763	0.102591	1.63748	1.63748	0.247926	1.39585	1.39585	0.229629	0.70608	-1.41627	4.43142	5.35005	1.07315	1
cg22076764	LGALS13	0.000693404	8.17E-05	0.108672	-9.20197	0.00718281	0.338089	-2.9578	0.0144399	0.389841	-2.56515	0.144919	1.63104	1.63104	0.000993868	0.216887	-4.61069	0.0233967	0.42897	-2.33117	0.0139397	2.58333	2.58333	0.0771762	0.541168	-1.84785	0.0539406	0.504742	-1.98121	13.0455	20.1752	1.37469	1
cg15079652	LGALS13	0.000750725	4.39E-05	0.233284	-4.28663	0.00124011	0.411994	-2.42722	0.00356456	0.476262	-2.09968	0.144694	0.745049	-1.34219	0.492593	1.13988	1.13988	0.934346	1.0156	1.0156	0.644653	0.91645	-1.09117	0.000873581	0.39146	-2.55454	0.875216	0.970908	-1.02996	12.7581	7.13143	0.496865	1
cg26881287	LGALS13	0.0176964	0.0322907	0.325086	-3.07611	0.00158255	0.130936	-7.63733	0.0849812	0.425821	-2.3484	0.629838	1.24318	1.24318	0.0258612	0.305483	-3.2735	0.1408	0.491603	-2.03416	0.00961789	0.230124	-4.34549	0.0326199	0.326009	-3.0674	0.164088	0.514009	-1.94549	4.90308	15.6015	2.82843	1
cg08958913	LGALS14;LGALS14	0.00213528	0.00224509	0.2132	-4.69043	0.0260978	0.385297	-2.5954	0.00325344	0.23465	-4.26166	0.335688	0.698618	-1.4314	0.516307	0.788398	-1.2684	0.503232	0.782367	-1.27817	9.61E-05	0.0814801	-12.2729	0.00588351	0.271962	-3.67698	0.0396814	0.423445	-2.36158	9.45951	19.554	1.83745	1
cg12541721	LGALS14;LGALS14	0.00390825	0.00132357	0.138273	-7.23209	0.773429	0.884898	-1.13007	0.0345021	0.351868	-2.84198	0.456333	0.725147	-1.37903	0.0230632	0.316252	-3.16203	0.901727	1.05372	1.05372	0.000174373	0.0673057	-14.8576	0.130289	0.500449	-1.9982	0.806492	1.10956	1.10956	7.90757	22.4752	2.52643	1
cg23835646	LGALS2	0.00306918	0.000329884	0.18254	-5.47825	0.0380771	0.493985	-2.02435	0.00216241	0.28284	-3.53557	0.0112702	0.394106	-2.53739	0.0587695	0.534634	-1.87044	0.879688	0.956542	-1.04543	0.00591464	0.347784	-2.87535	0.0537157	0.525944	-1.90134	0.00242525	0.289824	-3.45037	8.50038	11.5838	1.21133	1
cg17929273	LGALS2	0.0248311	0.0349764	0.249213	-4.01264	0.593319	0.737259	-1.35637	0.638565	0.765269	-1.30673	0.158029	0.425924	-2.34784	0.00362672	0.107965	-9.26228	0.0253118	0.222313	-4.49816	0.00882148	0.151752	-6.58968	0.811491	1.14466	1.14466	0.0223175	0.212588	-4.70392	4.36752	22.1188	4.50168	1
cg14711067	LGALS2;LGALS2	0.00194485	0.00105164	0.349955	-2.85751	0.240605	0.766343	-1.3049	0.0139258	0.517865	-1.931	0.0349021	0.587114	-1.70325	0.00215703	0.393378	-2.54208	0.0712528	0.646334	-1.54719	0.000134238	0.238566	-4.1917	0.0319249	0.580091	-1.72387	0.00562547	0.455077	-2.19743	9.72072	7.22392	0.660574	1
cg11081833	LGALS2;LGALS2	0.00917465	0.0276719	0.500943	-1.99624	0.0387136	0.529573	-1.88831	0.000444731	0.229514	-4.35703	0.615123	0.874055	-1.14409	0.0564627	0.563581	-1.77437	0.835114	0.946158	-1.05691	0.00690542	0.395151	-2.53068	0.146561	0.661148	-1.51252	0.0148511	0.451263	-2.216	6.07518	6.78424	0.992635	1
cg18996663	LGALS3	0.00422642	0.0339092	0.263722	-3.79187	0.217936	2.00884	2.00884	0.330194	0.582277	-1.7174	0.104968	2.59496	2.59496	0.0305692	0.254704	-3.92613	0.981559	1.01252	1.01252	0.00028502	24.2763	24.2763	0.0505795	0.301462	-3.31717	0.605762	0.755614	-1.32343	7.72305	35.4329	4.07817	1
cg26335127	LGALS3	0.00776918	0.0107216	0.128755	-7.76669	0.0805982	3.45119	3.45119	0.544801	1.47961	1.47961	0.327821	1.90725	1.90725	0.0506733	0.240893	-4.15123	0.874169	0.903655	-1.10662	0.00193909	16.4946	16.4946	0.0303299	0.19643	-5.09087	0.123418	0.344132	-2.90586	6.4028	41.4357	5.75243	1
cg04306507	LGALS3	0.027432	0.0257497	0.207503	-4.81921	0.00148275	0.0657195	-15.2162	0.272843	0.507789	-1.96932	0.490898	0.660011	-1.51513	0.0458954	0.256974	-3.89144	0.0609891	0.285387	-3.50402	0.0521337	0.269337	-3.71282	0.0342215	0.230588	-4.33673	0.0635937	0.289829	-3.45031	4.21809	23.556	4.96401	1
cg02183170	LGALS3	0.0471563	0.0517259	0.287012	-3.48417	0.138403	2.45812	2.45812	0.199398	0.465602	-2.14776	0.526839	0.696622	-1.4355	0.369019	0.594424	-1.6823	0.716855	0.814371	-1.22794	0.0287881	4.27919	4.27919	0.0132315	0.177067	-5.64757	0.27253	0.525247	-1.90387	3.46408	17.4389	4.47485	1
cg04260307	LGALS3;LGALS3	0.0137231	0.347329	0.866385	-1.15422	0.380281	1.1427	1.1427	0.0424473	1.41389	1.41389	0.843129	1.0298	1.0298	0.00669662	0.593746	-1.68422	0.0196563	0.658545	-1.5185	0.00789308	1.65713	1.65713	0.274531	1.18354	1.18354	0.715039	0.947103	-1.05585	5.33477	1.85612	0.309269	1
cg19099850	LGALS3;LGALS3	0.0211996	0.856685	0.890983	-1.12236	0.180407	2.47996	2.47996	0.426336	0.595326	-1.67975	0.658875	0.753006	-1.32801	0.839761	1.138	1.138	0.114119	2.99646	2.99646	0.000413662	35.8108	35.8108	0.618401	0.725678	-1.37802	0.799716	0.850157	-1.17625	4.6121	29.7815	5.73978	1
cg27470213	LGALS3BP	0.0246101	0.316689	0.696728	-1.43528	0.483753	0.780017	-1.28202	0.0118236	0.333772	-2.99606	0.729839	0.886015	-1.12865	0.00636438	0.289463	-3.45468	0.169174	0.599694	-1.66752	0.00294131	0.240341	-4.16075	0.0885956	0.519032	-1.92666	0.0325992	0.417668	-2.39425	4.3811	8.45592	1.71564	1
cg26510945	LGALS4	3.37E-06	0.0662601	0.723396	-1.38237	0.957071	1.0085	1.0085	0.00206685	0.505665	-1.97759	0.121874	0.768311	-1.30156	4.11E-08	0.0476779	-20.9741	0.0202676	0.644077	-1.55261	7.37E-06	0.211728	-4.72305	0.00758004	0.58284	-1.71574	0.00283739	0.52417	-1.90778	53.7428	21.0282	0.347799	1
cg16731016	LGALS4	0.00163403	0.00879011	0.223865	-4.46698	0.21823	1.78773	1.78773	0.0595125	0.385183	-2.59617	0.079768	0.418054	-2.39204	0.000241642	0.0656138	-15.2407	0.013986	0.256299	-3.90169	0.000229439	0.0642578	-15.5623	0.0645773	0.394061	-2.53768	0.0352187	0.332791	-3.00489	10.2241	32.5809	2.8326	1
cg03793778	LGALS7	0.00327665	0.00222316	0.326332	-3.06436	0.312223	0.760945	-1.31416	0.0440941	0.546352	-1.83032	0.573055	1.16046	1.16046	0.000262352	0.208501	-4.79615	0.627338	1.13638	1.13638	0.00491494	0.37764	-2.64802	0.433928	1.23203	1.23203	0.668242	1.11926	1.11926	8.33643	9.01698	0.961454	1
cg23091656	LGALS7B	0.00553798	0.00545507	5.56485	5.56485	0.00580747	5.45519	5.45519	0.00957031	4.66755	4.66755	0.0792061	2.49699	2.49699	0.0260399	3.45669	3.45669	0.00835825	4.86676	4.86676	0.00207118	7.66326	7.66326	0.00479376	5.79984	5.79984	0.00676129	5.19954	5.19954	7.11251	24.839	3.10426	1
cg03082060	LGALS8	0.0059677	0.0804309	0.44952	-2.2246	0.213598	0.582743	-1.71602	0.0542394	0.406262	-2.46147	0.00907553	0.254825	-3.92425	0.000438409	0.101222	-9.87924	0.00954637	0.258334	-3.87095	0.00249505	0.176843	-5.65475	0.665795	0.835952	-1.19624	0.0356032	0.36473	-2.74175	6.95073	18.7166	2.39355	1
cg07913153	LGALS8	0.0137874	0.0225494	0.375693	-2.66175	0.775042	1.10814	1.10814	0.0148491	0.341657	-2.92691	0.191139	0.608945	-1.64219	0.00625071	0.278861	-3.58602	0.0113329	0.320996	-3.1153	0.00385464	0.247712	-4.03695	0.30156	0.681411	-1.46754	0.0163447	0.349242	-2.86334	5.3266	10.835	1.80812	1
cg04027302	LGALS8;LGALS8;LGALS8	0.0194192	0.0585162	0.451523	-2.21472	0.0535587	0.442379	-2.2605	0.00659225	0.269189	-3.71486	0.353669	0.701169	-1.42619	0.00192859	0.195387	-5.11804	0.222872	0.620957	-1.61042	0.0129585	0.317485	-3.14975	0.243982	0.635417	-1.57377	0.0252862	0.37178	-2.68977	4.75183	10.4152	1.94829	1
cg13444964	LGALS8;LGALS8;LGALS8;LGALS8	3.91E-05	0.0106609	0.544628	-1.83612	1.29E-05	5.66817	5.66817	0.530522	1.12779	1.12779	7.88E-05	3.86197	3.86197	0.704104	0.930326	-1.07489	0.0459808	0.648634	-1.5417	0.566322	1.11597	1.11597	1.22E-05	5.74304	5.74304	0.296127	0.81461	-1.22758	28.3993	16.1132	0.504338	1
cg08169200	LGALS8;LGALS8;LGALS8;LGALS8	0.000130043	6.96E-05	0.204176	-4.89774	0.0453049	1.65244	1.65244	0.23758	0.762909	-1.31077	0.000227423	0.261802	-3.81968	1.65E-05	0.144	-6.94444	0.022488	0.549985	-1.81823	0.00158797	0.371015	-2.69531	0.79052	0.943431	-1.05996	0.0128619	0.508839	-1.96526	20.6348	15.6347	0.673498	1
cg25408632	LGALS8;LGALS8;LGALS8;LGALS8	0.00136791	0.27406	0.934926	-1.0696	0.00961174	1.21386	1.21386	0.00124467	1.32166	1.32166	0.135449	1.09981	1.09981	0.000682564	1.35907	1.35907	0.000647778	1.36247	1.36247	0.0977643	0.898166	-1.11338	0.232748	0.928691	-1.07678	0.117981	1.10557	1.10557	10.7609	0.595702	0.0492071	1
cg01030476	LGALS8;LGALS8;LGALS8;LGALS8	0.00148698	0.00271827	0.231893	-4.31234	0.0231123	2.60859	2.60859	0.150494	1.7229	1.7229	0.270573	1.4992	1.4992	0.000279083	0.122651	-8.15324	0.444966	0.759672	-1.31636	0.0222908	0.38028	-2.62964	0.0264076	2.53269	2.53269	0.0562462	0.466188	-2.14506	10.5059	20.7335	1.75423	1
cg09334514	LGALS8;LGALS8;LGALS8;LGALS8	0.00197128	0.0509669	0.352668	-2.83553	0.307957	1.64004	1.64004	0.0301843	3.30343	3.30343	0.889452	0.936881	-1.06737	0.000126488	0.0437965	-22.8329	0.403712	0.669936	-1.49268	0.719598	1.18412	1.18412	0.00383278	6.21721	6.21721	0.322957	0.61964	-1.61384	9.6826	33.7028	3.094	1
cg05338187	LGALS8;LGALS8;LGALS8;LGALS8	0.00296804	0.0112008	0.228626	-4.37396	0.00828409	4.79384	4.79384	0.410992	1.47747	1.47747	0.646569	1.23906	1.23906	0.00037557	0.0713551	-14.0144	0.420655	0.682514	-1.46517	0.0364573	0.323412	-3.09203	0.130447	2.13472	2.13472	0.0518686	0.35803	-2.79306	8.5854	29.311	3.03471	1
cg18322510	LGALS8;LGALS8;LGALS8;LGALS8	0.0127962	0.0546399	0.132377	-7.55417	0.0407908	8.9395	8.9395	0.0648034	6.84645	6.84645	0.357039	2.40765	2.40765	0.00377358	0.0266317	-37.5492	0.721083	1.39449	1.39449	0.0466087	0.120794	-8.27854	0.11231	4.97119	4.97119	0.12345	0.212718	-4.70106	5.45823	74.3798	12.113	1
cg03989567	LGALS8;LGALS8;LGALS8;LGALS8	0.03342	0.0459935	0.232217	-4.30631	0.077496	0.285682	-3.5004	0.0513445	0.242573	-4.12247	0.124152	0.345414	-2.89507	0.0148794	0.147726	-6.76927	0.323373	0.52141	-1.91788	0.00300539	0.0744482	-13.4322	0.655393	1.33214	1.33214	0.0781234	0.286602	-3.48916	3.93213	25.3848	5.73842	1
cg24846594	LGALS8;LGALS8;LGALS8;LGALS8;LGALS8	0.00634841	0.00242248	0.397167	-2.51783	0.180239	0.732595	-1.36501	0.21851	1.32711	1.32711	0.993006	0.998085	-1.00192	0.929804	0.980919	-1.01945	0.00133792	0.360789	-2.77171	?	?	?	0.0456283	0.605835	-1.65061	0.0786951	1.53265	1.53265	6.96216	4.68635	0.673118	1
cg08137948	LGALS8;LGALS8;LGALS8;LGALS8;LGALS8;LGALS8	0.000452762	0.00367313	0.236019	-4.23695	0.00143267	5.44618	5.44618	0.060867	2.17439	2.17439	0.693929	1.1565	1.1565	0.000202475	0.101141	-9.88723	0.83052	0.924228	-1.08198	0.530805	1.2629	1.2629	0.000439642	7.69981	7.69981	0.445859	0.751508	-1.33066	14.6889	31.4404	1.9026	1
cg23290146	LGALS9;LGALS9;LGALS9	0.00842414	0.00859187	0.342327	-2.92118	0.00199026	0.247495	-4.04048	0.00815787	0.338603	-2.95331	0.0368547	0.460493	-2.17158	0.0235705	0.421144	-2.37448	0.113552	0.576541	-1.73448	0.005183	0.307211	-3.25509	0.735082	0.897068	-1.11474	0.00773491	0.334807	-2.98679	6.24167	10.1121	1.44009	1
cg19654781	LGALS9;LGALS9;LGALS9	0.0373151	0.814515	0.942144	-1.06141	0.038807	1.83439	1.83439	0.152939	1.47426	1.47426	0.00584923	0.40052	-2.49676	0.0613774	0.585964	-1.70659	0.323346	1.29522	1.29522	0.781379	1.0731	1.0731	0.175119	0.693717	-1.44151	0.528625	0.850537	-1.17573	3.77816	3.84812	0.905348	1
cg21157094	LGALS9;LGALS9;LGALS9;LGALS9;LGALS9	0.0106517	0.00908566	0.217269	-4.60258	0.00402271	0.168709	-5.92737	0.0217956	0.28143	-3.55328	0.116621	0.456052	-2.19273	0.038385	0.331238	-3.01898	0.148602	0.489928	-2.04112	0.00173431	0.127788	-7.82545	0.0688754	0.391563	-2.55387	0.00816835	0.210366	-4.75361	5.79218	19.4554	2.9857	1
cg27625456	LGALS9;LGALS9;LGALS9;LGALS9;LGALS9	0.044114	0.0465888	0.264687	-3.77805	0.00407832	0.105578	-9.47164	0.0147347	0.173648	-5.75877	0.062483	0.294389	-3.39687	0.333556	0.558923	-1.78915	0.285077	0.523291	-1.91098	0.0714686	0.309112	-3.23507	0.0577145	0.286035	-3.49607	0.0873035	0.33252	-3.00734	3.55183	19.1367	4.78919	1
cg18522239	LGALS9C	0.0165614	0.12515	0.598085	-1.672	0.794663	0.922406	-1.08412	0.00179373	3.95799	3.95799	0.47133	0.796994	-1.25471	0.0758527	0.542348	-1.84383	0.169723	0.635757	-1.57293	0.543913	0.826769	-1.20953	0.0112093	0.373775	-2.67541	0.828297	1.06958	1.06958	5.01306	7.61397	1.35007	1
cg14213424	LGALS9C;LGALS9C	0.0229801	0.00864811	0.170762	-5.85609	0.0478419	0.302822	-3.30227	0.0149452	0.205952	-4.8555	0.031713	0.264579	-3.77958	0.00796304	0.16592	-6.02702	0.0685387	0.340743	-2.93477	0.0583459	0.323188	-3.09417	0.0405601	0.286861	-3.48601	0.0163214	0.212159	-4.71344	4.4862	19.809	3.92494	1
cg22527898	LGI1	3.18E-07	4.03E-07	0.222397	-4.49647	3.13E-06	0.316433	-3.16022	0.15772	1.17011	1.17011	0.836146	0.978693	-1.02177	0.000562445	0.573452	-1.74383	0.00030131	0.5427	-1.84264	1.09E-08	0.0923139	-10.8326	0.000115561	0.495102	-2.01979	1.08E-05	0.376789	-2.654	98.1933	16.8192	0.152255	1
cg06833709	LGI1	0.0144736	0.0670445	0.553674	-1.80612	0.00171625	3.62861	3.62861	0.0477003	1.91958	1.91958	0.884485	1.04276	1.04276	0.604928	0.860452	-1.16218	0.749351	1.09671	1.09671	0.0256528	0.466083	-2.14554	0.297541	1.36481	1.36481	0.100163	1.67996	1.67996	5.24217	6.88611	1.16764	1
cg00532335	LGI1	0.0319062	0.373694	0.745854	-1.34075	0.00335614	3.60193	3.60193	0.0100105	2.84079	2.84079	0.163147	1.61281	1.61281	0.116461	0.578253	-1.72935	0.545819	1.21689	1.21689	0.320616	1.39031	1.39031	0.535316	1.22334	1.22334	0.319109	1.39184	1.39184	3.99807	6.5291	1.45161	1
cg08935526	LGI2	0.00248755	0.45288	0.877654	-1.1394	0.253651	0.815912	-1.22562	0.00194986	0.473474	-2.11205	0.24608	0.813	-1.23001	5.42E-05	0.276896	-3.61146	0.0410874	0.668818	-1.49518	0.191964	0.790002	-1.26582	0.363512	1.17278	1.17278	0.360256	0.851702	-1.17412	9.04532	4.17239	0.410023	1
cg04468092	LGI2	0.00613409	0.030415	1.69009	1.69009	0.0203713	1.78009	1.78009	0.399034	1.19493	1.19493	0.0571396	1.5588	1.5588	0.0733431	0.662413	-1.50963	0.00165846	2.53032	2.53032	0.00181406	2.49582	2.49582	0.0210522	1.77249	1.77249	0.118862	1.41788	1.41788	6.89194	4.64397	0.598957	1
cg01460991	LGI2	0.00615806	0.319162	0.836128	-1.19599	0.555886	1.10911	1.10911	0.00346753	0.501686	-1.99328	0.0111595	0.575249	-1.73838	0.0250404	0.629113	-1.58954	0.269356	1.22136	1.22136	0.00545353	1.88795	1.88795	0.0915902	1.38119	1.38119	0.323951	0.8377	-1.19374	6.88364	3.29481	0.425462	1
cg04254690	LGI2	0.0304776	0.313267	0.86752	-1.15271	0.312998	1.15281	1.15281	0.00681572	1.61227	1.61227	0.508127	0.912581	-1.09579	0.653236	0.940238	-1.06356	0.00504974	1.65737	1.65737	0.999547	1.00008	1.00008	0.107917	0.787397	-1.27001	0.964278	0.993916	-1.00612	4.06395	1.19503	0.261384	1
cg12066624	LGI2	0.0438271	0.564312	0.890172	-1.12338	0.739761	1.06881	1.06881	0.420011	1.17878	1.17878	0.162947	0.742804	-1.34625	0.728052	1.07217	1.07217	0.339374	0.821529	-1.21724	0.00134656	0.394639	-2.53396	0.517731	1.13988	1.13988	0.0852659	0.683981	-1.46203	3.56049	2.24742	0.561077	1
cg15379354	LGI2	0.0470312	0.564131	0.735199	-1.36018	0.297444	0.565581	-1.76809	0.28798	0.558759	-1.78968	0.831452	1.11902	1.11902	0.00534171	0.144266	-6.93165	0.738984	0.838259	-1.19295	0.219918	1.97499	1.97499	0.99624	1.00249	1.00249	0.00624344	0.152518	-6.55662	3.46755	15.2874	3.91886	1
cg17898823	LGI2	0.0474206	0.991039	0.996841	-1.00317	0.733742	1.10096	1.10096	0.0970836	0.598689	-1.67032	0.666478	1.12993	1.12993	0.00127351	0.266063	-3.75851	0.167129	0.660409	-1.51421	0.470879	1.22954	1.22954	0.893444	1.03848	1.03848	0.887797	1.04057	1.04057	3.45678	4.34508	1.11731	1
cg18440818	LGI3	0.000638825	0.555822	0.937793	-1.06633	0.000265382	0.524342	-1.90715	0.00516038	0.671591	-1.489	0.683057	0.956713	-1.04525	0.00357955	1.53008	1.53008	0.00142447	1.64455	1.64455	0.0544748	1.26516	1.26516	0.206788	1.15434	1.15434	0.0139256	1.38745	1.38745	13.3482	2.4566	0.163591	1
cg21609813	LGI3	0.000827163	0.16418	0.76865	-1.30098	0.00996898	0.561676	-1.78039	0.0032049	0.490099	-2.04041	0.115779	0.738581	-1.35395	0.0259155	0.625798	-1.59796	0.0399144	0.656401	-1.52346	1.17E-05	0.192741	-5.18831	0.486315	0.882155	-1.13359	0.76889	0.949113	-1.05362	12.4148	6.17795	0.442335	1
cg15235096	LGI3	0.000952927	0.46069	0.829534	-1.2055	0.0269709	1.91897	1.91897	0.00137172	3.17541	3.17541	0.161488	1.45072	1.45072	0.707145	0.91036	-1.09847	0.0533189	0.579125	-1.72674	7.20E-05	0.165472	-6.04332	0.68436	1.10705	1.10705	0.16853	1.44067	1.44067	11.9284	11.6979	0.87171	1
cg00912427	LGI3	0.00104438	0.486888	1.12339	1.12339	4.65E-05	0.281914	-3.54718	0.424941	0.874413	-1.14362	0.83401	1.03517	1.03517	0.0397033	0.675901	-1.47951	0.026973	1.53942	1.53942	0.00326384	1.9358	1.9358	0.862129	0.971777	-1.02904	0.776087	1.04809	1.04809	11.6224	4.99339	0.381896	1
cg13958676	LGI3	0.00481723	0.80011	1.04852	1.04852	0.0120716	1.79397	1.79397	0.00437994	2.03517	2.03517	0.00639211	1.93979	1.93979	0.0406266	1.55492	1.55492	0.000337398	2.94183	2.94183	0.279958	1.23334	1.23334	0.267991	1.24042	1.24042	0.00824184	1.87945	1.87945	7.4224	4.0988	0.490862	1
cg25552492	LGI3	0.0102307	0.0240339	1.67015	1.67015	?	?	?	0.458249	1.1548	1.1548	0.00393638	2.09434	2.09434	0.0102302	1.85317	1.85317	0.00350092	2.12724	2.12724	0.856723	1.03504	1.03504	0.12308	1.37484	1.37484	0.00780961	1.91692	1.91692	5.9847	3.05946	0.511214	1
cg00038711	LGI3	0.0228155	0.331711	0.886607	-1.1279	0.0181709	1.41154	1.41154	0.00223545	1.6728	1.6728	0.467911	1.09282	1.09282	0.39656	1.10997	1.10997	0.623478	1.06127	1.06127	0.0288299	0.733611	-1.36312	0.320958	1.13115	1.13115	0.892633	1.01636	1.01636	4.49732	1.02873	0.203326	1
cg07772400	LGI3	0.0258873	0.0221496	1.90539	1.90539	0.0899531	1.55159	1.55159	0.410545	0.820541	-1.21871	0.773768	0.934504	-1.07009	0.0840212	1.56727	1.56727	0.466855	1.19008	1.19008	0.00141431	2.96213	2.96213	0.495993	1.17641	1.17641	0.042179	1.7335	1.7335	4.3046	3.76607	0.777684	1
cg07044548	LGI3	0.0438164	0.777225	1.05583	1.05583	0.00627472	1.97779	1.97779	0.183906	1.30995	1.30995	0.39333	0.845805	-1.18231	0.229587	0.785492	-1.27309	0.554821	0.891896	-1.12121	0.01021	1.85943	1.85943	0.187984	1.30631	1.30631	0.955622	0.989398	-1.01072	3.56082	2.06865	0.516398	1
cg16484575	LGI3	0.0450251	0.924429	1.0154	1.0154	0.674261	1.07047	1.07047	0.00182728	0.489965	-2.04096	0.260187	1.20827	1.20827	0.995972	0.999187	-1.00081	0.42983	1.13862	1.13862	0.319308	1.18032	1.18032	0.275382	0.83294	-1.20057	0.131374	1.30001	1.30001	3.52479	1.44859	0.365308	1
cg04560668	LGI4	0.000156175	0.000374105	0.342385	-2.92069	0.00744761	0.522457	-1.91403	0.000194195	0.306882	-3.25858	0.030542	0.619533	-1.61412	2.71E-05	0.210163	-4.75821	0.00017944	0.302706	-3.30353	0.0228615	0.598716	-1.67024	0.984115	1.00376	1.00376	0.000200175	0.308491	-3.24158	19.6421	11.0396	0.499588	1
cg11620066	LGI4	0.000634256	0.0221026	0.472277	-2.1174	0.00143905	0.283819	-3.52337	0.0426556	0.528374	-1.8926	5.88E-05	7.6392	7.6392	0.0312286	0.501078	-1.9957	0.0227969	0.474797	-2.10617	0.107857	0.619018	-1.61546	0.39939	0.789912	-1.26596	0.183204	0.679735	-1.47116	13.375	15.8295	1.05202	1
cg17920197	LGI4	0.00407413	0.00518638	0.707918	-1.41259	0.0425586	0.803631	-1.24435	0.00321924	0.686355	-1.45697	0.319065	0.908098	-1.1012	0.0111857	0.742569	-1.34668	0.450162	0.930496	-1.0747	0.720973	1.03415	1.03415	0.6693	0.960574	-1.04104	0.000237954	0.565629	-1.76794	7.80913	1.08402	0.12339	1
cg27316970	LGI4	0.0136423	0.324028	0.436525	-2.29082	0.00916778	0.0676782	-14.7758	0.36106	0.465748	-2.14708	0.00284556	28.2989	28.2989	0.189828	0.322991	-3.09606	0.028692	0.122433	-8.16773	0.0426847	0.149735	-6.67848	0.53045	0.596206	-1.67727	0.893025	1.11572	1.11572	5.34511	56.0679	9.32406	1
cg19606881	LGI4	0.0172832	0.00330832	0.600084	-1.66643	0.162372	0.82663	-1.20973	0.660225	1.05809	1.05809	0.934625	1.01053	1.01053	0.091221	0.78864	-1.26801	0.0109525	1.50314	1.50314	0.253104	1.16458	1.16458	0.0569045	0.759542	-1.31658	0.562538	1.0776	1.0776	4.94207	1.27529	0.229375	1
cg11566194	LGMN;LGMN	1.08E-05	0.127551	0.869962	-1.14947	3.67E-06	0.400027	-2.49983	4.60E-05	0.521607	-1.91715	0.363445	0.924073	-1.08217	0.447883	0.936697	-1.06758	0.48623	0.941937	-1.06164	1.55E-05	2.12921	2.12921	0.0619733	0.837205	-1.19445	0.000154849	1.72965	1.72965	39.8109	4.5068	0.100627	1
cg26329144	LGMN;LGMN	0.00184451	?	?	?	0.010582	1.83674	1.83674	0.0869057	1.42976	1.42976	0.795489	1.05034	1.05034	0.575528	1.1129	1.1129	0.0002145	0.310796	-3.21755	0.608823	1.10252	1.10252	0.00535421	2.0009	2.0009	0.146976	0.745043	-1.3422	10.0984	5.08335	0.503381	1
cg22840852	LGMN;LGMN	0.00397935	0.00183851	2.09079	2.09079	0.436755	1.1414	1.1414	0.0038453	1.9144	1.9144	0.00128048	2.18754	2.18754	0.814493	1.03996	1.03996	0.0112331	1.69813	1.69813	0.224578	0.808432	-1.23696	0.00565148	1.83191	1.83191	0.270492	1.21078	1.21078	7.86475	3.46152	0.391227	1
cg00808730	LGMN;LGMN	0.0144461	0.201021	0.770438	-1.29796	0.000957412	2.5862	2.5862	0.346565	1.20586	1.20586	0.471152	0.868	-1.15207	0.390891	1.18504	1.18504	0.213136	1.28814	1.28814	0.00483116	2.05834	2.05834	0.601561	0.903262	-1.1071	0.774266	0.945981	-1.0571	5.24545	3.09835	0.525043	1
cg02628202	LGMN;LGMN	0.0159911	0.208377	1.27694	1.27694	0.10815	1.38138	1.38138	0.0640823	0.681437	-1.46749	0.0203822	1.67407	1.67407	0.00847543	1.85791	1.85791	0.0184279	1.69386	1.69386	0.0431725	1.53538	1.53538	0.0102558	1.81559	1.81559	0.122969	1.36073	1.36073	5.07193	2.72914	0.478299	1
cg17319795	LGMN;LGMN	0.0173614	0.0197926	0.545452	-1.83334	0.815813	0.950981	-1.05155	0.7039	1.08573	1.08573	0.00231939	0.399949	-2.50032	0.00836813	0.483973	-2.06623	0.507488	0.865163	-1.15585	0.294357	1.26399	1.26399	0.637913	0.902931	-1.1075	0.0211625	0.550439	-1.81673	4.9346	3.62629	0.653218	1
cg01802545	LGMN;LGMN	0.0204176	0.0190387	0.247162	-4.04594	0.00952355	0.19847	-5.03855	0.00340104	0.14079	-7.10278	0.0871814	0.394558	-2.53448	0.00913633	0.195828	-5.10653	0.468477	0.695441	-1.43794	0.0241706	0.266169	-3.75701	0.348129	0.621478	-1.60907	0.0942878	0.404241	-2.47377	4.67161	17.9397	3.41346	1
cg05135213	LGMN;LGMN	0.0341982	0.296682	0.852957	-1.17239	0.954466	0.991642	-1.00843	0.268237	1.18473	1.18473	0.371693	0.873872	-1.14433	0.196807	0.81825	-1.22212	0.108465	0.773076	-1.29353	0.0012208	0.498781	-2.00489	0.108951	0.773398	-1.293	0.337701	1.15637	1.15637	3.89965	1.33449	0.304184	1
cg23327070	LGMN;LGMN;LGMN;LGMN	1.50E-05	0.000222992	0.831219	-1.20305	0.00352283	1.12641	1.12641	0.0125203	1.09795	1.09795	0.00016793	0.824742	-1.2125	1.66E-06	0.69634	-1.43608	0.000221402	0.831057	-1.20329	0.00981531	0.906465	-1.10319	0.00143378	0.870505	-1.14876	0.0330119	1.07789	1.07789	36.521	0.523472	0.0127409	1
cg12685200	LGMN;LGMN;LGMN;LGMN	0.0255923	0.17958	0.710802	-1.40686	0.411711	1.22263	1.22263	0.928095	1.02185	1.02185	0.00309394	0.379298	-2.63645	0.090881	0.640159	-1.56211	0.0824765	0.630896	-1.58505	0.0192893	0.507745	-1.96949	0.848225	0.955153	-1.04695	0.0887283	1.56776	1.56776	4.32185	3.92547	0.807365	1
cg16964946	LGR4	0.000213301	0.000373257	0.298083	-3.35477	0.841842	0.958403	-1.0434	0.00115797	0.362418	-2.75925	0.00258545	0.411441	-2.43048	9.04E-06	0.129544	-7.71936	0.483854	0.859582	-1.16336	0.801915	1.05491	1.05491	0.0873564	0.669399	-1.49388	0.000974592	0.352262	-2.8388	18.053	12.9306	0.636676	1
cg24402165	LGR4	0.00088012	0.477037	0.881136	-1.1349	0.00102293	2.34459	2.34459	0.41666	0.864773	-1.15637	0.741584	0.943728	-1.05963	5.86E-05	0.271825	-3.67884	0.245384	1.23696	1.23696	0.00998615	1.76714	1.76714	0.66925	1.07811	1.07811	0.680446	0.930082	-1.07517	12.1994	5.91864	0.431251	1
cg09185632	LGR4	0.00380725	0.122709	0.620094	-1.61266	0.00313838	0.31543	-3.17027	0.0335708	0.491946	-2.03274	0.466852	1.23561	1.23561	0.000441206	0.20481	-4.88258	0.214359	1.45285	1.45285	0.193418	0.674874	-1.48176	0.0600739	1.8332	1.8332	0.0369629	0.500441	-1.99824	7.9701	10.306	1.14941	1
cg20654611	LGR4	0.00463855	0.519229	0.893372	-1.11935	0.0133247	0.589128	-1.69742	0.000270095	0.356717	-2.80334	0.00418392	0.515748	-1.93893	0.751584	1.05633	1.05633	0.122124	1.33527	1.33527	0.0807718	0.715933	-1.39678	0.22467	0.802448	-1.24619	0.72427	1.06303	1.06303	7.50826	3.54108	0.419221	1
cg19794939	LGR4	0.00528679	0.663843	0.959394	-1.04232	0.0409305	1.25064	1.25064	0.678988	1.04024	1.04024	0.94683	1.00634	1.00634	0.833405	1.02017	1.02017	0.21102	1.13306	1.13306	0.000477666	0.594677	-1.68159	0.00706146	0.718887	-1.39104	0.0432696	1.24655	1.24655	7.2145	1.02677	0.126507	1
cg16967296	LGR4	0.0172647	0.0154854	1.41601	1.41601	0.28237	1.13978	1.13978	0.187002	1.178	1.178	0.0140088	0.700922	-1.42669	0.00592034	0.655967	-1.52447	0.834278	0.975761	-1.02484	0.163625	1.1902	1.1902	0.62857	1.05875	1.05875	0.345061	0.892343	-1.12065	4.94385	1.07413	0.193126	1
cg21170346	LGR4	0.0174615	0.0729161	0.577496	-1.73161	0.690585	0.895996	-1.11608	0.85283	0.950307	-1.05229	0.209662	0.695658	-1.43749	0.000296492	0.198497	-5.03786	0.17482	0.672936	-1.48603	0.305504	1.33806	1.33806	0.591594	0.861867	-1.16027	0.74471	0.914224	-1.09382	4.9251	5.87623	1.06055	1
cg24667405	LGR4	0.0301889	0.697258	0.936816	-1.06745	0.00374498	0.520245	-1.92217	0.0201411	0.626281	-1.59673	0.319114	0.842065	-1.18756	0.368113	1.16689	1.16689	0.834426	1.03556	1.03556	0.0399522	1.48648	1.48648	0.943296	1.01195	1.01195	0.172806	0.784888	-1.27407	4.07773	1.80013	0.392403	1
cg06731443	LGR4	0.0307464	0.0272213	0.58858	-1.69901	0.948549	1.01317	1.01317	0.0251238	0.582613	-1.7164	0.241777	1.28208	1.28208	0.00500928	0.470909	-2.12355	0.0737754	0.667501	-1.49812	0.0320194	0.600809	-1.66442	0.855035	0.963589	-1.03779	0.882489	0.970448	-1.03045	4.05127	2.63905	0.579034	1
cg14346046	LGR4	0.0402523	0.0197751	0.311947	-3.20567	0.0370399	2.72437	2.72437	0.57374	1.26525	1.26525	0.465026	1.36037	1.36037	0.0749503	0.440052	-2.27246	0.209801	0.578647	-1.72817	0.0178052	0.303481	-3.2951	0.324229	0.656139	-1.52407	0.261231	0.615726	-1.6241	3.67461	9.97002	2.41175	1
cg03763118	LGR4	0.0429229	0.0200996	0.122706	-8.14956	0.039313	0.167983	-5.95297	0.292433	0.441676	-2.2641	0.0857028	0.24147	-4.14131	0.0139506	0.103118	-9.69762	0.0172191	0.114029	-8.76969	0.0207399	0.124538	-8.02971	0.141172	0.306073	-3.26719	0.0534896	0.193822	-5.15936	3.58825	31.8089	7.87978	1
cg25132878	LGR4;LGR4	0.0303601	0.0344539	0.66389	-1.50627	0.419953	1.14666	1.14666	0.89432	1.02232	1.02232	0.555614	0.905738	-1.10407	0.796957	0.958083	-1.04375	0.800315	0.95878	-1.04299	0.00606002	1.81353	1.81353	0.0884524	0.731863	-1.36638	0.0222636	1.5762	1.5762	4.06954	1.7778	0.388315	1
cg21558545	LGR5	0.0121019	0.103964	0.516749	-1.93518	0.000340314	0.11728	-8.52658	0.0149738	0.329275	-3.03698	0.339223	0.693633	-1.44168	0.108816	0.52232	-1.91453	0.850506	0.93233	-1.07258	0.164585	0.576578	-1.73437	0.0135377	0.321464	-3.11076	0.648072	0.843109	-1.18609	5.55822	12.1401	1.94148	1
cg04236718	LGR5	0.0200204	0.00606194	0.67663	-1.47791	0.304181	0.89049	-1.12298	0.826984	0.976424	-1.02415	0.217826	0.868233	-1.15177	0.0625632	0.795786	-1.25662	0.530563	0.9331	-1.0717	0.00325404	1.54857	1.54857	0.660264	1.04939	1.04939	0.893347	1.01473	1.01473	4.70293	0.884815	0.167237	1
cg25285440	LGR5	0.0366477	0.26267	0.546552	-1.82965	0.00745065	0.168195	-5.94547	0.0216963	0.240346	-4.16067	0.354175	0.610727	-1.63739	0.0237783	0.247622	-4.03841	0.0406158	0.294352	-3.3973	0.369739	1.61045	1.61045	0.56587	0.740646	-1.35017	0.0281001	0.261398	-3.82558	3.8031	16.1183	3.76729	1
cg05670290	LGR5	0.0421888	0.039838	0.54527	-1.83395	0.0161422	2.11962	2.11962	0.0422897	0.550459	-1.81667	0.951351	1.01569	1.01569	0.076851	0.605201	-1.65234	0.111165	0.64216	-1.55724	0.684135	1.11004	1.11004	0.547747	1.16796	1.16796	0.349036	1.27897	1.27897	3.61131	3.72587	0.917087	1
cg04343883	LGR6	0.00269292	0.621128	1.10572	1.10572	0.226693	1.2918	1.2918	0.00291538	0.438208	-2.28202	0.461598	1.16321	1.16321	0.000116017	0.255951	-3.907	0.476415	0.864112	-1.15726	0.0314665	0.601143	-1.6635	0.0308928	0.599753	-1.66735	0.909222	1.02327	1.02327	8.83624	5.69412	0.572805	1
cg26347746	LGR6;LGR6	0.0199129	0.132615	0.676421	-1.47837	0.551857	0.865012	-1.15605	0.00506712	0.409546	-2.44173	0.0522765	0.58755	-1.70198	0.00425567	0.397898	-2.51321	0.898374	0.969686	-1.03126	0.30126	1.29438	1.29438	0.374428	1.24562	1.24562	0.0298276	0.540173	-1.85126	4.71154	4.33087	0.817071	1
cg17830682	LGR6;LGR6;LGR6	4.04E-05	0.247694	0.90373	-1.10653	0.00380233	1.38671	1.38671	0.000700118	0.648612	-1.54175	0.586156	0.955001	-1.04712	1.33E-06	0.354507	-2.82082	0.861768	1.0147	1.0147	0.584584	0.954813	-1.04733	0.000999836	1.50571	1.50571	0.330479	0.919334	-1.08774	28.1719	3.13001	0.0987593	1
cg14150727	LGR6;LGR6;LGR6	0.000214269	0.221654	0.795038	-1.2578	0.402211	0.858064	-1.16541	0.000321898	0.35378	-2.82662	0.00183209	2.20434	2.20434	7.49E-05	0.276977	-3.61041	0.686834	0.930191	-1.07505	0.000234196	0.336449	-2.97222	0.0443365	1.51045	1.51045	0.303609	0.826755	-1.20955	18.0308	9.10423	0.448823	1
cg07706810	LGR6;LGR6;LGR6	0.000478259	0.0529848	1.553	1.553	0.0299533	1.66728	1.66728	0.03905	0.619942	-1.61305	0.517959	0.877043	-1.1402	9.62E-06	0.148416	-6.73782	0.862159	1.0354	1.0354	0.159453	1.35115	1.35115	0.570332	1.12167	1.12167	0.498433	1.14748	1.14748	14.4677	9.18127	0.564091	1
cg24451257	LGR6;LGR6;LGR6	0.00224779	0.0635768	1.50095	1.50095	0.595972	1.1098	1.1098	0.317511	0.817771	-1.22284	0.0495654	1.54684	1.54684	5.35E-05	0.230484	-4.33871	0.773144	1.05789	1.05789	0.137608	1.36522	1.36522	0.592954	1.11077	1.11077	0.506567	1.1402	1.1402	9.31848	5.59442	0.533652	1
cg11243683	LGR6;LGR6;LGR6	0.00225166	0.469016	0.73768	-1.3556	0.0747791	2.2697	2.2697	0.190144	1.77366	1.77366	0.000481891	9.59531	9.59531	0.236304	0.599	-1.66945	0.0683204	2.32312	2.32312	0.000848984	0.126051	-7.93329	0.167874	1.83495	1.83495	0.0577075	2.4261	2.4261	9.31379	25.1593	2.40115	1
cg11683364	LGR6;LGR6;LGR6	0.00363492	0.0402408	1.62357	1.62357	0.828992	0.95673	-1.04523	0.00453158	0.461447	-2.16709	0.457702	0.856717	-1.16725	0.00078257	0.353907	-2.8256	0.00807621	2.00121	2.00121	0.0555317	0.641641	-1.5585	0.171241	0.742377	-1.34702	0.324253	0.812063	-1.23143	8.08171	5.35239	0.588696	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error	
cg04845625	IGRG;LGRG;LGR6	0.00637021	0.538852	1.11969	0.111969	1.11969	0.01290345	0.62655	0.625	-1.59604	0.928586	0.988848	-1.03542	0.7546471	0.105861	1.05681	0.000976431	0.410182	-2.47027	0.454006	1.14831	1.14831	0.16427	0.764212	-1.38354	0.0528026	0.670364	-1.49173	0.81184	3.56136	0.464727	1
cg20996348	IGRG;LGRG;LGR6	0.00979361	0.02869052	0.66519	-1.50333	1.0158	0.756458	-1.32195	0.000690766	0.441185	-1.26662	0.256518	0.829359	-1.20575	0.00152994	0.486479	-1.20559	0.584212	0.916396	-1.09123	0.588176	0.917255	-1.09021	0.0280657	0.663734	-1.50663	0.575442	0.914487	-1.09351	0.950114	2.35199	0.351363	1
cg21420238	IGRG;LGRG;LGR6	0.0281134	0.985097	1.0063	1.0063	0.374573	1.358559	1.358559	0.906616	1.04025	1.04025	0.000512379	0.19564	6.19564	0.439203	0.766994	-1.30379	0.129619	1.73422	1.73422	0.422828	0.759361	-1.3169	0.750153	1.1134	1.1134	0.3917O1	1.34322	1.34322	4.18182	7.48781	1.59161	1
cg20985801	IGRG;LGRG;LGR6	0.0307839	0.102429	0.636855	-1.57022	0.531937	1.173341	1.173341	0.0295401	0.526644	-1.90969	0.63138	0.88503	-1.12991	0.00110561	0.297034	-3.3668	0.16187	0.685846	-1.45804	0.2155513	0.739554	-1.38975	0.0551554	0.577582	-1.73136	0.2490119	0.737715	-1.35554	4.04951	4.0881	0.8973591	1
cg16639185	LGTN	6.66E-07	0.56332	0.942834	-1.06063	1.98E-07	4.93237	4.93237	0.00166909	0.635741	-1.57297	0.116744	1.18732	1.18732	0.12E-07	2.251672	-3.97342	0.000358833	0.561675	-1.78039	1.90E-05	0.4416609	-2.40033	0.00241522	1.75914	1.75914	0.00439176	0.575101	-1.74978	0.34065	13.0762	0.142896	1
cg21936179	LGTN	0.00247303	1.13538	1.13538	1.13538	2.64E-06	5.73697	5.73697	0.00415847	0.552715	-1.80925	0.0294168	1.48576	1.48576	1.75E-05	0.257152	-3.8862	0.0026835	0.527041	-1.89739	0.00964238	0.603108	-1.65808	0.00316701	1.8632	1.8632	0.00393439	0.549448	-1.82001	37.4794	14.1424	0.3354111	1
cg16966520	LGTN	9.04E-05	0.226328	1.26788	1.26788	2.14E-05	4.94476	4.94476	0.411553	0.854856	-1.16984	0.222251	1.66849	1.66849	0.000311637	0.335375	-2.98173	0.0497536	0.658268	-1.51914	0.000328197	0.338212	-2.95673	0.010791	1.81907	1.81907	0.0251232	0.607946	-1.64488	22.7482	12.5753	0.491383	1
cg20662782	LGTN	9.53E-05	0.227141	1.280956	-1.12745	1.76E-05	3.92482	3.92482	0.0613602	0.619542	-1.6857	0.0623152	0.8109447	-1.21959	0.184484	0.918873	-1.09784	0.139266	0.860245	-1.16246	0.2764491	0.811303	1.11303	0.0810163	1.37817	1.37817	0.0756382	1.20574	1.20574	22.4278	3.1794	0.12601	1
cg21153516	LGTN	0.000669212	0.500448	1.19682	1.19682	0.000434588	0.590518	1.59018	0.0432894	0.542995	-1.84164	0.228281	1.39402	1.39402	0.00111803	0.283408	-3.52498	0.0678999	0.584396	-1.71117	0.00729835	0.40298	-2.48151	0.0359419	1.89843	1.89843	0.0196815	0.535734	1.8666	13.1759	4.008	0.971527	1
cg12760075	LGTN	0.000999912	0.00019106	0.235557	-4.24526	0.214285	1.35085	1.35085	0.751819	0.929624	-1.0757	0.350502	1.24736	1.24736	0.00196905	0.365667	-2.73473	0.00391591	0.409373	-2.44276	0.00042138	0.276545	-3.61605	0.0235994	0.537006	-1.86218	0.1189722	0.67758	-1.47584	11.7668	9.85960	0.74482	1
cg22234790	LGTN	0.0292954	0.236897	1.11969	-1.11969	0.0290345	0.655	1.05	0.0011378	0.690948	-1.4296	0.464381	1.16728	1.16728	0.00243597	0.417386	-2.39586	0.00515171	0.464246	-2.15403	0.0175848	0.61245	-1.63264	0.0242192	1.67242	1.67242	0.0109576	-1.10135	0.523441	0.874314	-1.14375	4.21242	2.81624	0.6073931	1
cg08676755	LHB	0.000190479	0.000466568	0.476736	-2.0976	0.0018982	0.552966	1.84094	0.0002886948	0.450671	-2.21891	0.0292988	0.707745	-1.41294	0.000864928	0.450673	-2.21891	0.0292988	0.707745	-1.41294	0.000864928	0.450673	-2.21891	0.0292988	0.707745	-1.41294	0.000864928	1.0626	1.0626	0.0626	0.0626	0.0626	0.0626	0.0626	0.0626	0.0626	0.0626	1
cg20635902	LHB	0.000258097	0.26316	0.387444	-1.24946	0.107472	1.37429	1.37429	0.114784	0.581082	-1.72059	0.194118	1.28235	1.28235	0.26E-05	0.215452	-4.64118	0.0025998	0.494128	-2.02311	0.0102627	0.39798	-2.51254	0.0015	0.25273	-3.95661	0.0190409	0.72914	-1.37148	17.1241	8.8209	0.4610299	1
cg17950023	LHB	0.00199234	0.026127	0.30042	-3.32868	0.437271	0.696931	-1.43486	0.0259452	0.299822	-3.33532	0.034072	0.323996	-3.08646	0.96509	1.00E-05	0.000103505	0.004376	-22.8519	0.695992	0.8361669	-1.19593	0.0590001	0.378491	-2.64207	9.65297	31.7411	2.93287	1
cg12566415	LHB	0.00512488	0.583355	1.15565	1.15565	0.436687	1.23025	0.996641	0.621064	-1.61054	0.359585	1.28142	1.28142	0.00100688	0.168874	-5.92157	0.682418	1.11342	1.11342	0.58429	1.74861	0.818656	0.941787	-1.06181	0.936911	0.979538	-1.02089	7.283049	7.86751	0.960163	1
cg24931648	LHB	0.00568915	0.569345	1.75664	0.375143	1.15185	1.15185	0.486859	0.86208	-1.16056	0.0822679	1.47074	1.41974	1.41974	0.18744	0.707007	-1.41434	0.0153588	0.719876	-1.38973	0.2068854	1.50213	1.50213	0.185388	0.694913	1.44006	1.04334	1.04334	1.54866	1.54866	0.339553	1
cg02776315	LHCGR	0.0108218	0.101794	0.53634	-1.86449	0.0546429	2.13448	2.13448	0.362847	1.38444	1.38444	0.459683	0.769633	-1.29932	0.0111706	0.330845	-3.02256	0.0471294	1.05802	1.05802	0.00417791	0.263172	-3.7998	0.0188675	2.68931	2.68931	0.210673	1.5821	1.5821	5.76275	11.0417	1.70315	1
cg18924712	LHCGR	0.0400846	0.830666	0.948543	-1.05429	0.758702	0.668034	-1.49693	0.52617	1.18371	1.18371	0.237252	0.719576	-1.38971	0.0141838	0.425363	-2.35091	0.851536	1.0502	1.0502	0.8009067	0.936072	-1.06829	?	?	?	0.00767495	2.68132	2.68132	4.53663	4.15411	0.686262	1
cg14238838	LHFP	0.00166769	0.794936	1.06885	1.06885	0.263833	0.742494	-1.34681	0.176097	0.692336	-1.44438	0.0306524	0.700495	-1.42764	0.0004499	0.2644424	-3.7818	0.00371706	0.3672	-2.72331	0.0414446	0.824618	1.82418	0.2668855	1.34608	1.34608	0.432168	0.814714	-1.22742	10.164	10.5188	0.959114	1
cg06956125	LHFP	0.00199426	0.0320169	0.661819	-1.51099	0.184335	0.79345	-1.26032	0.000294125	0.379418	-2.63562	0.224716	0.810966	-1.2331	0.00659151	0.560108	-1.78537	0.104754	0.747284	-1.33818	0.000381106	0.393677	-2.54015	0.737805	1.05675	1.05675	0.00218588	0.493575	-2.02604	9.64998	4.12587	0.380046	1
cg00753897	LHFP	0.00572684	0.041504	0.752202	-1.32917	0.0145606	0.34938	3.1498	0.0150289	0.825704	-1.21109	0.4502869	0.602626	-1.65923	0.0015705	0.2629	-3.80435	0.914807	0.985375	-1.01484	0.6115092	0.56282	1.7767	0.0009864	1.96858	1.96858	0.0001957	0.21549	2.13149	0.206872	1
cg07890490	LHFP	0.00718161	0.104041	1.40631	1.40631	0.0866232	0.695514	-1.43779	0.619233	1.10088	1.10088	0.000311449	0.32564	-3.07087	0.193205	0.767851	-1.30234	0.312218	0.818275	-1.22208	0.233235	1.27098	1.27098	0.0520518	1.52806	1.52806	0.664554	1.08731	1.08731	3.62533	0.518144	1
cg08085209	LHFP	0.00134204	0.0411311	1.43224	1.43224	0.0139377	0.318547	1.31925	0.0124894	0.855459	1.16904	0.0004	0.45004	1.55029	0.0127567	0.653797	-1.53042	0.0038442	0.377531	0.782102	-1.27861	0.0004	2.24204	0.0194394	1.42866	1.42866	0.0183242	1.42866	1.42866	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	1
cg19095267	LHFP	0.0319493	0.0102199	0.660735	-1.51347	0.177559	1.20128	1.20128	0.456555	1.10191	1.10191	0.478357	0.911881	-1.09663	0.233032	0.85211	-1.17356	0.178318	0.832745	-1.20085	0.00634839	1.57573	1.57573	0.578856	1.0744	1.0744	0.634006	1.06331	1.06331	3.99615	1.03666	0.23059	1
cg21284880	LHFP	0.0345249	0.141899	0.854234	-1.17064	0.288977	0.859997	-1.16307	0.224199	1.13585	1.13585	0.00568905	1.43598	1.43598	0.834078	0.823078	0.977006	0.102359	0.18019	0.86763	-1.15256	0.441275	0.729497	-1.08111	0.0205113	1.32114	1.32114	0.258295	1.1248	1.1248	3.88298	0.612644	0.140127	1
cg00183053	LHFP	0.0184023	0.0362809	0.599034	-1.67796	0.0122304	0.176136	1.76095	0.0359634	0.833793	1.16538	0.0172675	1.51514	1.51514	0.0004	0.6172367	0.42044	0.0954885	0.0135	0.9145	1.09	0.0456573	0.656448	-1.52335	0.257481	1.28226	1.28226	0.476742	1.16441	1.16441	3.7387	2.62096	0.623142	1
cg02707233	LHFP	0.0467471	0.997619	1.00089	1.00089	0.0220932	0.439553	-2.27504	0.00413945	0.316192	-3.16264	0.0425578	0.496897	-2.01249	0.567791	1.1888	1.1888	0.552686	0.83536	-1.19709	0.346719	1.3367	1.3367	0.767864	1.0927	1.0927	0.824404	1.06882	1.06882	3.47547	4.93742	1.2628	1
cg16781664	LHFP-L	0.0025357	0.0555998	0.634754	-1.57609	0.0108948	0.365527	-2.73577	0.137963	0.60679	-1.64802	0.0818732	0.54026	-1.85102	0.0182336	0.40078	-2.44652	0.124275	0.68051	1.46951	0.2619598	0.674704	?	?	?	?	0.00767495	2.68132	2.68132	6.68132	4.53663	4.15411	0.686262	1
cg20869203	LHFP1;LHFP1	0.0239816	0.565773	2.36916	1.26916	0.173638	0.551908	1.8119	0.234385	0.990145	-1.66829	0.554959	0.782567	-1.27785	0.0212666	0.144331	6.98659	0.218219	0.587562	-1.70195	0.0298758	2.85536	2.85536	0.583167	1.25552	1.25552	0.873175	1.06779	1.42057	11.8025	2.37326	1
cg21525176	LHFP2	3.59E-05	0.00263882	0.743835	-1.34438	0.00512583	1.30077	1.30077	0.802111	1.01802	1.01802	0.407093	1.06307	1.06307	0.00163851	0.725635	-1.3781	0.0108848	0.796644	-1.25527	1.82E-05	0.5136946	-1.86239	3.66E-05	1.75949	1.75949	0.000542847	0.682264	-1.46571	29.0591	2.32749	0.0711957	1
cg05010671	LHFP2	0.000532407	0.108038	0.655134	-1.52631	0.0134992	0.327	3.06061	0.0196564	0.832096	-1.20109	0.0159286	0.802282	-1.24637	0.0004	0.3442407	-2.90473	0.682532	0.88897	-1.12484	0.0317138	0.430242	-2.32427	0.457186	0.847077	-1.1699	0.0092137	0.682018	-1.46624	14.0435	9.5538	0.604648	1
cg06873401	LHFP2	0.00055466	0.0489942	1.7118	1.7118	0.254574	0.529936	-1.88702	0.622837	1.12587	1.12587	0.16782	1.42129	1.42129	0.153213	1.48734	1.48734	0.446753	0.830718	-1.20378	1.11E-05	0.160682	-9.35614	0.220564	1.36072	1.36072	0.28552	0.766989	-1.3038	13.8851	12.5779	0.805201	1
cg04286455	LHFP2	0.00178158	0.0458458	1.43312	1.43312	0.0088957	0.340878	3.11107	0.0155356	0.847694	-1.17642	0.0414954	0.731136	-1.36782	0.0020202	3.6683	-2.73473	0.0319872	0.74	1.35135	0.0019	0.0	2.82574	0.0127705	1.12457	1.12457	0.0155	1.12457	1.12457	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	1
cg02061771	LHFP2	0.00148319	0.164169	1.53364	1.53364	0.00711037	2.72295	2.72295	0.0308878	2.07534	2.07534	0.714714	1.11156	1.11156	0.0202045	2.24097	2.24097	0.00236105	0.39369	1.39369	7.02E-05	8.08797	8.08797	0.00112249	3.98223	3.98223	0.36521	1.30739	1.30739	10.5136	13.8195	1.16839	1
cg04157965	LHFP2	0.00189957	0.0101021	0.524161	-1.90781	0.734288	0.190975	2.09078	0.0190795	0.858953	0.955639	-1.04642	0.46791	1.20732	1.20732	0.01447897	3.01078	0.122188	0.0184697	0.24044	-4.16067	0.0002406	0.170035	-5.77917	0.0121085	0.450279	-2.22084	0.158867	0.681041	-1.46834	9.78756	10.0868	0.916061	1
cg17588394	LHFP2	0.00272145	0.0927524	1.49384	1.49384	0.0139377	0.229183	3.4332	0.0205966	0.842499	1.23554	0.0004	0.45004	1.55029	0.0127567	0.653797	-1.53042	0.0038442	0.377531	0.782102	-1.27861	0.0004	2.24204	0.0194394	1.42866	1.42866	0.0183242	1.42866	1.42866	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	1
cg04977754	LHFP2	0.0058645	0.776142	1.03292	1.03292	0.117383	1.21314	1.21314	0.648847	1.05346	1.05346	0.0744182	1.25369	1.25369	0.138556	0.834314	-1.19859	0.119522	0.825386	-1.21155	0.00020119	0.492284	-2.03135	0.643509	0.948433	-1.05437	0.14925	1.19206	1.19206	6.98823	1.42836	0.181685	1
cg00442548	LHFP2	0.0218863	0.0928364	1.49652	1.49652	0.0109708	0.474778	2.13778	0.0616304	0.764281	1.24021	0.0004	0.45004	1.55029	0.0127567	0.653797	-1.53042	0.0038442	0.377531	0.782102	-1.27861	0.0004	2.24204	0.0194394	1.42866	1.42866	0.0183242	1.42866	1.42866	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	1
cg26683259	LHFP2	0.0171691	0.0283052	0.303503	-3.29486	0.255925	1.75271	1.7266	0.21343	0.546967	-1.82827	0.0157792	0.253199	-3.94947	0.0058783	0.190214	5.25723	0.1084	0.44601	-2.24014	0.2021136	0.138734	-7.20803	0.0151255	0.252935	-3.95358	0.0581878	0.373092	2.68301	0.439505	16.6371	2.98575	1
cg19781637	LHFP2	0.0267764	0.0530475	0.206691	-4.83815	0.00265106	0.0506918	-19.7271	0.0283891	0.156381	-6.39466	0.589821	0.676848	-1.47744	0.0309026	0.162437	-6.15625	0.353285	0.504117	-1.98366	0.00771578	0.0858921	-11.6425	0.0690911	0.23254	-4.30033	0.4147657	0.549097	-1.81819	4.25405	34.6511	7.2404	1
cg06857708	LHFP2	0.0274216	0.0596304	0.3801	-2.63113	0.0188468	0.0975	10.2555	0.0244477	0.838403	-1.19238	0.0888446	0.44467	-2.24939	0.0012	0.262937	-3.8034	0.470087	0.76226	-1.31243	0.0026496	0.4276	4.6765	0.0015	0.2	5	0.0	0.4276	4.6765	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	1
cg14536425	LHFP2	0.0102824	0.0206308	0.243576	-4.1055	0.0166346	0.227304	-4.3994	0.0898125	0.399872	-2.50077	0.621976	0.777414	-1.28632	0.0181648	0.233836	-4.27651	0.119066	0.424414	-2.35619	0.00307919	0.128403	-7.78796	0.0105931	0.3	3	0.0	0.4276	4.6765	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	1
cg18395360	LHFP2	0.0149745	0.0242745	0.286443	-4.49107	0.0139377	0.229183	3.4332	0.0205966	0.842499	1.23554	0.0004	0.45004	1.55029	0.0127567	0.653797	-1.53042	0.0038442	0.377531	0.782102	-1.27861	0.0004	2.24204	0.0194394	1.42866	1.42866	0.0183242	1.42866	1.42866	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	0.0183242	1
cg02002240	LHFP2	0.0359567	0.96326	0.986566	-1.01362	0.0203956	0.440144	-2.27198	0.00275901	0.297455	-3.3619	0.732425	0.904143	-1.10602	0.0318202	0.477711	0.09332	0.0147	0.782857	-1.27737	0.338205	0.493395	-2.0245	0.0463696	0.511712	-1.95422	0.4260665	0.7877	-1.26952	3.82951	5.22874	1.21367	1
cg14115456	LHFP2	0.0197414	0.0292416	0.440685	-2.26929	0.753764	0.141149	3.1141	0.0175275	0.830773	1.31234	0.0139201	0.650278	-1.53539	0.0012409	0.0312408	0.1654	0.317427	0.647511	1.54438	0.0404552	0.182424	5.48156	0.0108844	1.41067	1.41067	0.0389	1.42052	1.42052	0.0388	0.0388	0.0388	0.0388	0.0388	0.0388	0.0388	0.0388	1
cg18475613	LHFP2	0.0142301	0.913189	0.983119	-1.01729	0.813073	1.00337	1.00337	0.0958364	1.07192	-1.26353	0.633143	1.12322	1.1232	0.0003800	0.3167231	0.366919	0.2454	0.557468	1.79357	0.2743533	0.164616	1.16056	0.961906	0.98599	-1.01408	0.9502111	1.04352	1.34345	0.96001	4.97574	1.2269	1
cg15720765	LHFL1;LHFP2	0.0181393	0.0112556	1.7263	1.7263	0.249184	1.23011	1.23011	0.324017	1.19142	1.19142	0.263631	0.818423	-1.22186	0.736954	1.05968	1.05968	0.0933817	0.728085	-1.37347	0.775346	1.05043	1.05043	0.00823954	1.78798	1.78798	0.00508779	1.89023	1.89023	4.8625	2.27705	0.416256	1
cg03906016	LHFL3	0.0181818	0.0488778	1.43312	1.43312	0.0088957	0.340878	3.11107	0.0155356	0.847694	-1.17642	0.0414954	0.731136	-1.36782	0.0020202	3.6683	-2.73473	0.0319872	0.74	1.35135	0.0019	0.0	2.82574	0.0127705	1.12457	1.12457	0.0155	1.12457	1.12457	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	1
cg26268565	LHFL3	0.00442827	0.00148796	2.32735	2.32735	0.00204973	2.22761	2.22761	0.223712	1.26322	1.26322	0.00141573	2.3435	2.3435	0.12624	1.35662	1.35662	0.0617089	1.47397	1.47397	0.0089628	1.84559	1.84559	0.00963316	1.82956	1.82956	0.00585887	1.94447	1.94447	7.32203	4.15684	0.478497	1
cg14005212	LHFL3	0.0058283	0.0145722	-2.024	0.0132182	0.446359	-2.06918	0.0328563	0.553799	-1.80571	0.180525	5.51148	1.51148	0.0065383	0.433225	-2.30627	0.0451023	0.598239	-1.67134	0.0065383	0.433225	-2.30627	0.0451023	0.598239	-1.67134	0.0065383	0.433225	-2.30627	0.0451023	0.598239	-1.67134	0.0065383	0.433225	-2.30627	0.0451023	0.598239	-1.67134	1
cg03565720	LHFL3	0.00907763	0.482126	0.67415	-1.48329	0.928506	-1.0777	0.928506	0.0001752	0.188959	-5.29292	0.188959	0.356748	-2.8035	0.0001752	0.188959	-5.29292	0.159155	1.33987	1.33987	0.1403413	0.62565	-1.59869	0.0155944	1.91283	1.91283	0.0285097	0.901857	-1.10882	0.08061	4.22447	0.540858	1
cg12918081	LHFL3	0.0153147	0.878332	1.01547	1.01547	0.0277915	1.29765	1.29765	0.228932	1.08118	-1.18486	1.13846	1.13846	0.0133406	0.3057135	0.626731	-1.59558	0.36177	0.910353	-1.09848	0.545848	0.2042	1.48041	0.107451	1.07451	0.401543	0.917573	-1.08963	1.14512	0.817997	0.143117	1
cg12894748	LHFL3	0.0258823	0.108443	1.55565	1.55565	0.0277273	1.68275	1.68275	0.0256553	1.33133	1.33133	0.0154913	1.60105	1.60105	0.0002	0.3702	-2.70102	0.0	0.74739	?	?	?	1.40044	0.387273	1.89151	1.89151	0.0	1.40044	0.387273	1.89151	1.89151	0.0	1.40044	0.387273	1.89151	1.89151	0.0	1
cg06493334	LHFL3	0.025295	?	?	?	0.952155	1.0222	1.0222	0.687625	1.15969	1.15969	0.121673	1.88191	1.88191	0.019835	0.331144	-3.01984	?	?	?	0.00613972	0.23462	-4.2622	0.321282	1.46129	1.46129	0.79077	7.79345	1.34584	1
cg04423124	LHFL3	0.0193649	0.038874	1.55618	1.55618	0.2228937	1.39725	1.39725	0.0243923	1.54219	1.54219	0.13047	1.7039324	1.7039324	0.0001	0.1529559	0.170944	0.74414	1.34389	0.2178703	1.27027	1.27027	0.0624507	1.4737	1.4737	0.0775683	0.695214	-1.43841	0.4198771	0.858285	-1.16511	3.78292	0.4004	1.481439	1
cg14205632	LHFL3	0.0417	0.910424	0.967605	-1.03348	0.947282	1.04	1.04	0.0001	0.1529559	0.170944	0.74414	1.34389	0.2178703	1.27027	1.27027	0.0624507	1.4737	1.4737	0.0775683	0.695214	-1.43841	0.4198771	0.858285	-1.16511	3.78292	0.4004	1.481439	1.481439	1.481439	1.481439	1.481439	1.481439	1.481439	1.481439	1.481439	1.481439	1
cg24277791	LHFL3	0.0418467	0.681702	0.908067	-1.10124	0.048162	1.69572	1.69572	0.400082	0.817557	-1.22316	0.028564	1.82966	1.82966	0.298866	0.777401	-1.28634	0.0167719	1.97902	1.97902	0.308726	0.781641	-1.27936	0.659681	0.90156	-1.10939	0.0335753	1.78702	1.78702	6.62223	3.13718	0.769859	1
cg03180794	LHFL3	0.0441105	0.0463633	1.43312	1.43312	0.0088957	0.340878	3.11107	0.0155356	0.847694	-1.17642	0.0414954	0.731136	-1.36782	0.0020202	3.6683	-2.73473	0.0319872	0.74	1.35135	0.0019	0.0	2.82574	0.0127705	1.12457	1.12457	0.0155	1.12457	1.12457	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	1
cg10036918	LHFL3;LHFP3	0.0455519	0.849439	0.971862	-1.02895	0.874066	0.97646	-1.02411	0.378232	1.14543	1.14543	0.568021	1.38233	1.38233	0.295143	1.1771	1.1771	0.909582	0.983083	-1.01721	0.00258311	0.534046	1.8725	0.934492	0.984081	-1.01618	0.135636	1.2732	1.2732	3.50946	1.25365	0.317528	1
cg20703908	LHFL4	2.31E-09	0.0001253	0.2	-5	0.0001253	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.070505	0.58239	-1.71733	0.2242286	0.0	2.38E-08	0.29772	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg23237575	LHFL4	2.34E-05	0.000283275	0.311393	-3.21138	2.90E-05	0.199158	-5.02114	0.000297877	0.314111	-3.18358	0.0130211	0.545512	-1.83314	6.86E-05	0.23889	-4.18603	0.149157	0.733029	-1.3642	1.30E-06	0.0869553	-11.5002	0.589898	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg00882235	LHX4	0.005076569	0.374389	2.840858	0.189651	2.00287991	0.458063	-2.18311	0.0462372	0.647282	-1.54492	0.175569	0.760868	-1.31567	0.0813733	0.692141	-1.44479	0.801665	1.04911	1.04911	0.005516463	0.356322	-2.80645	6.77E-05	4.01155	0.405248	1.15206	1.15206	14.2506	8.18832	0.510752	1
cg11958080	LHX4	0.00093253	0.927541	0.986044	-1.01415	0.03380077	0.540193	-1.85119	0.00296782	0.532567	-1.8777	0.217581	0.818382	-1.22192	0.0159061	0.633663	-1.57813	0.00225725	1.93556	1.93556	0.0139572	-2.27749	0.558392	1.09576	1.09576	0.0245467	1.51262	1.51262	12.00216	4.53801	0.336103	1
cg05719164	LHX4	0.000965056	0.252817	1.88143	1.88143	0.2890322	0.558565	-1.7903	0.479144	1.46331	1.46331	0.00854126	0.90411	5.90411	0.575997	0.741578	-1.34848	0.857346	1.09989	1.09989	0.446871	1.5072	1.5072	1.17E-05	135.766	135.766	0.220874	1.97587	1.97587	11.88558	52.7103	3.94198	1
cg25598080	LHX4	0.023316505	0.603107	0.887801	-1.12637	0.3087	0.772308	-1.29403	0.304853	0.70798	-1.29773	0.622617	0.885443	-1.12938	0.113015	0.655055	-1.52663	0.05180282	1.72079	1.72079	0.697407	0.908641	-1.10054	5.12E-05	6.42568	0.4256	0.05968316	1.68409	1.68409	9.23714	8.80075	0.846895	1
cg09671258	LHX4	0.00270405	0.326089	0.584052	-1.71218	0.0038829	0.127129	-7.86605	0.936805	0.958815	-1.04295	0.900306	0.16873	1.06873	0.00829227	0.166943	-5.99007	0.1786	2.13389	2.13389	0.0174746	4.63823	4.63823	0.007684545	14.9065	14.9065	0.0796695	2.80217	2.80217	8.82549	39.3197	3.96022	1
cg13877482	LHX4	0.00659026	0.749673	0.911834	-1.09692	0.2946557	0.730978	-1.38303	0.376658	0.768841	-1.29897	0.081383	0.572941	-1.74538	0.566775	1.18168	1.18168	0.00846782	0.37941	-2.63567	0.006053472	0.365376	-2.73801	0.00166222	4.03271	4.03271	0.960561	1.02116	1.02116	6.74045	8.87445	1.17031	1
cg18727020	LHX4	0.00672448	0.254432	1.21873	1.21873	0.081881	1.3779	1.3779	0.0779874	1.38477	1.38477	0.634503	0.923479	-1.08286	0.05509956	1.43547	1.43547	0.125646	1.31718	1.31718	0.453336	0.8807564	-1.13539	0.000113031	3.08703	3.08703	0.3800664	1.16145	1.16145	6.69835	2.93122	0.38898	1
cg06826141	LHX4	0.00845443	0.0086264	0.377337	-3.16659	0.0004226	0.293482	-2.06736	0.256106	0.659723	-1.55676	0.105128	0.557773	-1.79285	0.0180211	0.552893	-1.81372	0.158968	1.72576	1.72576	0.00684912	0.2864955	-3.55296	0.0144141	2.44552	2.44552	0.7619192	0.895719	-1.11642	6.214	12.9094	1.84951	1
cg11189384	LHX4	0.00857284	0.488238	1.12903	1.12903	0.457452	1.48399	1.48399	0.690997	0.9334455	-1.00729	0.728155	0.56515	-1.56515	0.694466	0.939423	-1.07041	0.3648951	1.17405	1.17405	0.0423026	0.668271	-1.4964	0.000469556	2.57906	2.57906	0.2837555	0.826067	-1.21056	6.20725	2.92026	0.418185	1
cg00177797	LHX4	0.00976771	0.0643117	3.02583	3.02583	0.373201	0.614515	-1.6273	0.648808	1.27663	1.27663	0.791172	1.15183	1.15183	0.454268	0.666301	-1.50082	0.716605	1.21431	1.21431	0.378003	0.617673	-1.61898	0.000276839	23.8109	23.8109	0.0207954	4.40562	4.40562	5.95518	26.7589	3.99411	1
cg08647912	LHX4	0.01567777	0.1785807	2.070904	2.070904	0.2586152	0.5538	-1.55087	0.2888439	0.6439	0.109837	-2.121	0.1035892	0.7744	-1.29115	0.4444123	-2.25065	0.212097	2.42565	2.42565	0.0327774	0.412337	-1.98897	0.16769	2.44929	2.44929	0.4477343	0.624461	-1.60138	5.1054	26.8803	5.20412	1
cg03469793	LHX4	0.00900081	0.962744	-1.0387	0.192989	0.659408	-1.51651	0.580887	0.844891	-1.18358	0.681385	1.13205	1.13205	0.00154535	0.2525201	0.96038	-1.04167	0.073534	1.54741	-1.82768	0.010887	0.380504	-2.62809	0.268707	1.4165	1.4165	0.0524446	0.513448	-1.94762	5.8756	6.63791	1.28617	1
cg17835295	LHX4	0.0280649	0.53137	-1.71416	0.0156182	0.9579796	0.74952	0.0201012	0.9990312	0.3909013	0.53798	0.003378811	0.2634928	-3.79639	0.039563	0.6902281	-1.23187	0.0155642	0.441151	-2.2668	0.953394	0.9806282	-1.01975	0.0353803	0.479783	-2.08428	0.5568321	0.8244492	-1.21287	4.18437	7.42279	1.57683	1
cg26225694	LHX4	0.0827558	0.524345	1.52963	1.52963	0.11951	0.324756	-3.07923	0.711374	1.26928	1.26928	0.715464	1.27231	1.27231	0.618539	0.718696	-1.39154	0.970457	0.975947	-1.02465	0.34341	1.9052	1.9052	0.00067082	39.3545	39.3545	0.380301	1.81113	1.81113	4.60334	30.8465	5.21181	1
cg18863156	LHX4	0.0340286	0.887905	1.03355	0.513485	0.856388	0.511697	-1.76169	0.0616718	1.63626	1.63626	0.935253	1.01919	1.01919	0.989464	1.0004	1.0004	0.625608	1.21252	1.21252	0.253297	0.756441	-1.32198	0.000851501	1.23069	1.23069	0.4667761	1.18917	1.18917	1.30666	3.38662	0.770565	1
cg00838919	LHX4	0.041627	0.26721	2.450865	-2.18883	0.0999033	0.311301	-3.06607	0.278883	0.646094	-2.14549	0.0203553	0.63066	-1.58506	0.610636	0.65306	0.170276	0.376548	-2.09272	0.25116	2.25168	0.2125	2.25168	0.197062	3.96833	3.96833	0.2115164	1.11118	1.11118	0.340252	0.515561	-1.94719	0.6293	26.4013	4.6662	1
cg18866356	LHX4	0.00454122	0.0189496	2.96612	2.96612	0.784881	1.11037	1.11037	0.777808	1.11432	1.11432	0.78523	1.11018	1.11018	0.0125911	3.27785	3.27785	0.620182	0.826001	-1.21065	0.192024	0.589533	-1.69626	0.0121472	3.30703	3.30703	0.7166113	0.869805	-1.14968	5.3135	8.14718	2.06117	1
cg08745498	LHX4	0.00395573	0.0159999	1.26075	1.26075	0.6768866	1.09618	1.09618	0.74	1	1	0.141779	0.884717	-1.1303	0.0272367	1.22432	1.22432	0.020238181	0.718981	-1.39086	0.0254605	0.834018	-1.22847	0.00245184	1.38658	1.38658	0.00199333	1.45218	1.45218	12.2752	1.03656	0.084443	1
cg28922454	LHX4	0.001199444	0.001653626	4.910573	3.2903	0.0003766438	0.325722	-3.07011	0.027662	0.598218	-1.67163	0.4349493	0.855904	-1.16836	0.045695	0.582676	-1.71764	0.130917	0.72482	-1.37955	0.008805253	0.370069	-2.68047	0.349291	1.20943	1.20943	0.003374514	0.32544	-3.07304	11.1733	6.80205	0.548297	1
cg01638369	LHX5	0.00123739	0.00254206	0.364453	-2.74384	0.00101829	0.309076	-3.21545	0.00234209	0.3593	-2.78319	0.00347983	0.384566	-2.60033	0.225876	0.736026	-1.35865	0.0219099	0.515458	-1.94002	0.000651888	0.283772	-3.52396	0.000736496	0.290586	-3.44132	0.00235677	0.359692	-2.78016	11.0743	10.1868	0.817653	1
cg00651782	LHX5	0.00155196	0.00654663	0.460613	-2.17256	0.0188243	0.398148	-2.51134	0.0402264	0.5884	-1.69984	0.0481254	0.644724	-1.54782	0.00513609	0.446333	-2.24056	0.0019339	0.276326	-3.61844	0.00178106	0.242734	-4.11889	0.00134119	0.54644	-1.83006	0.0127403	0.439581	-2.27506	11.0983	7.91548	0.678018	1
cg09432902	LHX5	0.00209949	3.74E-05	6.94983	6.94983	0.608545	0.881249	-1.13475	0.577425	1.14768	1.14768	0.538072	1.16483	1.16483	0.0193137	1.80284	1.80284	0.106919	0.650137	-1.53837	0.0702585	1.640485	0.027793	1.88969	1.88969	0.242584	1.34889	1.34889	0.506934	9.01696	0.843129	1
cg23031493	LHX5	0.00428465	0.775259	0.555355	-1.80124	0.0164923	0.603375	-1.65883	0.0615251	1.68738	1.68738	0.0195324	1.55939	1.55939	0.0247154	1.34095	1.34095	0.542568	0.861188	-1.16119	0.0195255	0.755121	-1.32436	0.00227492	4.24145	4.24145	0.8895233	1.03427	1.03427	0.295115	0.274228	0.147525	1
cg05141147	LHX5	0.00654324	0.953844	-1.99196	-1.00888	0.458227	0.891009	-1.12232	0.0300317	0.677115	-1.47685	0.790112	0.960063	-1.0416	0.0580862	0.720905	-1.38715	0.608124	0.924026	-1.08222	0.000833018	0.463727	-2.15644	0.1023337	1.31407	1.31407	0.00604355	1.72958	1.72958	6.75546	2.49735	0.328604	1
cg19969606	LHX5	0.00760731	0.0176112	0.347957	-2.87392	0.2235693	0.172174	-2.68692	0.0332886	0.4028	-2.48296	0.0184837	0.310513	-3.22047	0.0638729	0.467012	-2.14127	0.0105731	0.308653	-3.23988	0.0111448	0.172832	-5.78596	0.863783	1.06478	1.06478	0.00515035	0.259115	-3.85932	6.44254	13.6402	1.88117	1
cg04658543	LHX5	0.00976913	0.0149345	0.355752	-2.81058	0.0224894	0.286188	-3.49474	0.0146466	0.354966	-2.82045	0.0145302	0.503559	-1.98596	0.0307599	0.576548	-2.00972	0.0038594	0.210543	-4.74949	0.0044097	0.175842	-5.68092	0.144994	0.488404	-2.04711	0.1616491	0.507582	-1.97013	5.5646	7.6487	1.24938	1
cg06424601	LHX5	0.0102909	0.8391155	0.959067	-1.04268	0.0860916	0.677045	-1.47701	0.660824	0.9132	-1.09505	0.642806	1.10081	1.10081	0.112364	1.42685	1.42685	0.654361	1.0971	1.0971	0.000809094	0.353761	-2.82677	0.0078249	2.01773	2.01773	0.654368	1.0971	1.0971	5.8566	3.9227	0.595371	1
cg11527126	LHX5	0.0160663	0.997036	1.00057	-1.0023	0.0384667	0.626126	-1.58316	0.344801	0.8275653	1.142	0.8401228	0.790586	1.26534	0.0313	1.77167	1.77167	0.060745	1.1239	1.12393	0.0003628186	0.483894	-2.06657	0.0015319	1.85914	1.85914	0.0098	-1.0954	-1.09122	1.01447	1.78641	3.70733	0.262965	1
cg02328332	LHX5	0.01174525	0.00030801	11.4867	11.4867	0.367161	0.67973	-1.47117	0.78372	0.891671	-1.12149	0.518319	0.761169	-1.31377	0.0565752	1.406979	-1.45713	0.386273	1.609648	-1.44792	0.794296	0.896827	-1.11504	0.212812	1.72773	1.72773	0.937817	0.968008	-1.03305	5.61283	15.438	2.44488	1
cg11213520	LHX5	0.01268226	0.118443	0.264791	-3.77656	0.42974	1.88117	1.88117	0.550829	1.60501	1.60501	0.0586735	0.187444	-5.33492	0.00536082	0.0564242	-17.7229	0.01555562	0.0976935	-10.2361	0.00431648	0.0502304	-19.9083	0.137356	3.50585	3.50585	0.0944311	0.236323	-4.23149	5.47412	53.2818	8.65191	1
cg02023575	LHX5	0.00273275	0.0027427	0.218606	-4.57551	0.0159913	0.256145	-3.90453	0.0158518	0.3004	-3.32783	0.0151339	0.277453	-3.60458	0.0158418	0.330048	-3.03007	0.0079128	0.143478	-6.96911	0.0131478	0.167102	-5.98358	0.0127417	0.270502	-3.69662	0.0106445	-0.65186	0.174979	0.227502	-4.39364	5.12568	4.643209	0.812534	0.79295	1
cg18911395	LHX5	0.00474255	0.02990705	0.1008848	-9.91594	0.0708454	0.163243	-6.12582	0.0507427	0.315482	-3.17048	0.0093157	0.191277	-5.22801	0.0349484	0.110036	-9.08791	0.0196561	0.0795906	-12.5643	0.0105668	0.0556778	-17.9605	0.0895542	0.186211	-5.37026	0.830308	0.82471	-1.21255	3.45665	44.1474	11.3526	1
cg00721315	LHX5	0.00773619	0.0773634	0.1656456	-6.03731	0.0814923	0.307585	-3.25122	0.0387	0.4195	-2.38381	0.0603183	0.4611	-2.16892	0.0633	0.4611	-2.16892	0.104586	0.362636	-2.75758	0.0313684	0.224477	-4.45432	0.0521649	0.84955	-1.17713	0.0174774	-0.48713	0.0310474	0.0871	4.63424	24.2145	4.98253	1
cg09309261	LHX5	0.0498773	0.04237796	0.244468	-4.09051	0.0076409	0.126641	-7.89632	0.0835944	0.315395	-3.17062	0.133093	0.37665	-2.65498	0.0963076	0.332756	-3.0052	0.0256351	0.271757	-3.67976	0.0236851	0.196432	-5.09083	0.109081	0.348917	-2.86601	0.0256455	0.202428	-4.94002	3.9913	19.5023	5.11172	1
cg13817952	LHX6;LHX6-AS1	2.17E-05	0.916108	0.974072	-1.03043	0.111117	0.610357	-1.63838	0.0051924	2.85531	2.85531	0.79694	1.0761	1.0761	0.0185883	4.031659	-2.31664	0.449583	1.24504	1.24504	0.00211193	3.41972	3.89E-07	62.2276	62.2276	0.000518967	6.46433	3.10121	42.5079	1.13912	1
cg13572892	LHX6;LHX6-AS1	0.000381941	0.000159387	2.5453	-1.67211	0.0164923	0.203775	-3.2954	0.0189155	2.56665	2.56665	0.00068356	0.025685	1.88902	0.0016868	2.56665	2.56665	0.004107	0.290768	3.43966	0.0001909	0.2044	-4.89215	0.000243	1.88902	1.88902	0.0016868	1.88902	1.88902	0.0001909	0.2044	-4.89215	0.000243	1.88902	0.0016868	1.88902
cg14553967	LHX6;LHX6-AS1	0.00480764	0.0115743	0.630915	-1.585	0.0152286	0.647375	-1.5447	0.000228938	0.4094818	-2.44249	0.00108343	0.494717	-2.02136	0.0164758	0.652135	-1.53342	0.000225631	0.408635	-2.44717	0.2AE-05	0.355262	-2.81483	0.00524704	0.584424	-1.71109	0.0185473	0.659333	-1.51668	14.4468	4.86984	0.299633	1
cg14093912	LHX6;LHX6-AS1	0.0080974	0.809194	0.976555	-1.02432	0.0280533	0.715255	-1.72255	0.0020819	0.6999123	-1.42861	0.0010896	0.0004	2.50001	0.0001	2.50001	0.0001	0.0001	0.0001	2.50001	0.0001	2.50001	0.0001	2.50001	0.0001	2.50001	0.0001	2.50001	0.0001	2.50001	0.0001	2.50001	0.0001	2.50001	0.0001	2.50001
cg00142257	LHX6;LHX6-AS1	0.00196012	0.0011487	2.59906	2.59906	0.83831	0.59586	-1.94918	0.13695	1.37741	1.37741	0.383114	1.19574	1.19574	0.776153	0.05989	0.05989	0.178309	0.533337	0.533337	0.945009	0.986307	-1.01388	0.586	-0.50597	4.50597	0.0132074	1.84777	1.84777	0.698962	6.13636	0.562404	1
cg13456688	LHX6;LHX6-AS1	0.00227513	0.0687454	0.680168	-1.47022	0.3653377	0.838653	-1.19239	0.496 05	0.23188	-4.31258	0.948421	0.01231	1.01231	0.22622	0.786303	-1.27177	0.282461	0.809528	-1.23529	0.0192921	1.70821	1.70821	0.0843368	0.6968	-1.43513	0.3624 21	0.837691	-1.19376	9.28554	5.26403	0.503917	1
cg13648318	LHX6;LHX6-AS1	0.00371538	0.11242	0.3009	-3.32358	0.0402406	0.414561	-2.41771	0.1746	0.674599	-1.48206	0.1683605	0.157	1.157	0.39956	0.588 05	-1.70067	0.1881486	1.03655	1.03655	0.8534 15	0.588838	-1.69539	0.0947405	0.642817	-1.55565	0.7454049	0.924596	-1.08155	8.0188	7.36294	0.81517	1
cg06132412	LHX6;LHX6-AS1	0.00580338	0.0011134	0.2855038	-3.50179	0.0060828	0.391475	-2.55444	0.0397094	0.536493	-1.86396	0.0105103	0.403097	-2.32344	0.0054314	0.383704	-2.60618	0.004244 28	0.367109	-2.72399	0.0112186	0.435201	-2.29779	0.648308	0.886706	-1.12777	0.0712504	0.590042	-1.6948	7.01883	7.61262	0.96519	1
cg00919194	LHX6;LHX6-AS1	0.00990574	0.802362	1.11958	1.11958	0.2868538	0.731743	-1.23646	0.4917	0.8417	-1.60177	0.3896754	0.988775	1.00123	0.00121267	2.840004	-2.51693	0.6062274	1.16073	1.16073	0.2836084	0.525887	-1.90178	0.1358574	1.36084	-1.35854	0.2822 03	0.424116	0.444714	0.0	0.0	0.0	0.0	0.0	0.0
cg13862711	LHX6;LHX6-AS1	0.0123031	0.0420282	2.2539	2.2539	0.309805	0.694563	-1.43975	0.0622515	2.07098	2.07098	0.117515	1.8034	1.8034	0.13886	1.73776	1.73776	0.564586	1.22384	1.22384	0.294028	1.45866	1.45866	0.000384205	7.13917	7.13917	0.0212549	2.61282	2.61282	5.52853	10.5344	1.69374	1
cg09723488	LHX6;LHX6-AS1	0.00373538	0.0125138	0.6894444	-1.57043	0.0277483	0.556354	-1.79746	0.2070917	1.25617	1.25617	0.0810381	1.63277	1.63277	0.1704212	0.693793	-1.66615	0.0507451	1.13928	1.13928	0.1546433	0.816455	1.32333	0.0154381	1.5778	1.5778	0.5122721	0.901081	-1.10867	5.07224	2.58096	0.414394	1
cg13480403	LHX6;LHX6-AS1	0.02043307	0.2355533	1.76631	1.76631	0.384006	0.26427	2.25627	0.1135996	0.2703	3.70031	0.1144923	0.45492	2.19737	0.0249113	0.4524	-2.21042	0.1094099	0.4548	2.19737	0.0249113	0.472478	0.0373955	0.03185	1.03185	0.0367553	0.1804	0.0204816	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg03632289	LHX6;LHX6-AS1	0.02434117	0.204383	1.49809	1.49809	0.254296	1.43224	1.43224	0.272547	1.41149	1.41149	0.721201	0.897503	-1.1142	0.722273	1.11371	1.11371	0.882136	1.04579	1.04579	0.429186	1.27578	1.27578	0.000586491	4.96952	4.96952	0.0143028	2.48831	2.48831	3.9978	6.34151	1.28216	1
cg01549227	LHX6;LHX6-AS1	0.0166465	0.108483	0.414553	-2.41305	0.2134436	0.511331	-1.95571	0.0220872	0.5902452	-1.69467	0.406598	0.665344	-1.50313	0.0184707	0.53644	-1.86447	0.0977329	0.473478	-2.11274	0.042014	0.2112	0.58958	-1.69598	0.2711 57	0.376568	-2.65611	0.2655	-1.73124	0.6087825	0.201437	-4.96454	4.13265	15.1213	2.24499	1
cg13571460	LHX6;LHX6-AS1	0.0410645	0.044273	2.40027	2.40027	0.199573	1.67111	1.67111	0.0112429	3.33108	3.33108	0.274215	1.5389	1.5389	0.5549 56	1.25388	1.25388	0.136772	0.544814	-1.83549	0.678138	0.853746	-1.17131	0.0248747	2.75007	2.75007	0.0280549	2.67267	2.67267	0.367652	2.29302	2.02093	1
cg14361033	LHX6;LHX6-AS1	0.0421699	0.143343	1.56355	-1.56355	0.2155	1.26536	1.26536	0.0939665	1.43715	1.43715	0.779833	1.05221	1.05221	0.4990881	0.871028	-1.148	0.559638	0.883445	1.13224	0.365328	0.831644	-1.20244	0.00372738	2.74755	2.74755	0.1205514	0.73612	-1.35841	0.121991	2.2491	0.553502	1
cg10095577	LHX6;LHX6-AS1	0.0068434	0.5707051	-1.75295	0.0007155 04	0.579237	-1.72641	0.0016424	0.59934	1.59934	0.537	0.03703	0.03521562	0.652975	1.53145	0.0007026727	0.530434	-1.88525	0.0060409 78	0.553777	-1.7938	2.86E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
cg17473600	LHX8	3.38E-05	0.250449	0.8448	-1.18371	0.125307	0.792156	-1.26238	1.52E-06	0.52295	0.52295	0.0312417	0.14839	0.14839	0.443245	0.11593	0.11593	0.23648	1.1903	1.1903	0.465252	1.10985	0.14E-06	0.93117	0.93117	0.0095404	1.58573	1.58573	29.5242	0.92239	0.277659	1
cg00681106	LHX8	0.00185202	0.01788	0.1684	-5.94067	0.0007818	0.109	-9.18056	0.0012656	0.21549	0.21549	0.0012656	0.21568	0.21568	0.0012656	0.21568	0.21568	0.023057	0.160941	-6.21457	0.0014001	0.148607	0.023057	0.160941	-6.21457	0.0014001	0.148E-06	0.87907	0.87907	0.0184972	0.4665	0.474742	1
cg10029842	LHX8	3.44E-05	0.201475	0.805484	-1.24149	0.529731	1.10748	1.10748	0.72172	0.944265	-1.05902	0.461985	1.12759	1.12759	0.225806	0.815486	-1.22626	0.027300 1	0.657826	-1.52016	0.0144724	0.616817	-1.62123	4.29E-07	9.96995	9.96995	0.7584665	0.951743	-1.0507	29.3835	1.967	0.362016	1
cg10445694	LHX8	9.50E-05	0.900086	0.977126	-1.0291	0.0031847	0.25804	-2.50804	0.485888	0.7358	1.7358	0.311705	0.26991	1.26991	0.241174	0.755661	-1.32334	0.005739836	2.28241	2.28241	0.0543377	0.607402	-1.64636	6.31E-07	21.2107	21.2107	0.1479	1.59921	1.59921	26.4606	21.8673	0.734033	1
cg14832406	LHX8	0.00012808	0.60394	1.07467	1.07467	0.00321184	0.179114	1.73914	0.0296414	1.42234	1.42234	0.1204	0.501111	1.09851	0.0985121	0.231125	1.1868	0.071197 2	0.757822	-1.31957	0.426405	0.894267	-1.11823	1.67E-06	5.22569	5.22569	0.018263	1.48321	1.48321	20.7191	6.21313	0.260555	1
cg13691003	LHX8	0.00019647	0.0462372	0.64317	-1.5548	0.000593688	2.78664	2.78664	0.694315	1.07932	1.07932	0.225774	0.782044	-1.2787	0.00145499	0.411154	-2.43218	0.0908279	0.697651	-1.43338	0.0124136	0.548043	-1.82467	2.42E-05	5.08211	5.08211	0.584065	1.8986653	-1.11276	18.46	10.9202	0.52583	1
cg03897572	LHX8	0.00188971	0.712918	0.936476	-1.06771	0.1839	1.3977	1.3977	0.113751	1.39552	1.39552	0.0744828	1.01631	1.01631	0.9744	1.00247	1.00247	0.004716 3	0.461302	-2.16778	0.0158461	0.649356	-1.55363	1.61E-05	2.499	2.499	0.1510747	1.14736	1.14736	15.3097	4.1863	0.597809	1
cg03594809	LHX8	0.00099112	0.58372	1.17868	1.17868	0.133783	0.618537	-1.61672	0.00378239	0.184992	-5.40563	0.255 15	0.702624	-1.42324	0.00544099	0.338663	-2.95279	0.003502	0.238	0.353733	-2.97856	0.0345993	0.309177	-3.23439	0.00179701	3.74097	3.74097	0.0175452	0.423741	-2.35993	11.7964	8.16479	0.692	1
cg19414744	LHX8	0.00104298	0.0864001	0.514411	-1.94395	0.0063548	0.288918	-3.46161	0.0042858	0.2291818	0.14898	0.0042858	0.182642	-5.48422	0.0063281	0.1320 15	0.1320 15	0.023805	0.138427	-7.22488	0.0028169	0.098269	-1.59744	4.04E-05	0.24495	0.24495	0.0182027	0.829075	-1.20611	0.0184827	0.8607	0.6	0.6	0.6	0.6	0.6
cg03532087	LHX8	0.00137386	0.840657	1.05661	1.05661	0.429153	0.801879	-1.24707	0.87659	0.958378	-1.04343	0.000275089	5.10233	5.10233	0.0418289	0.526374	-1.89979	0.243464	1.39636	1.39636	0.161991	0.664663	-1.50452	0.000181934	5.65119	5.65119	0.154683	1.51696	1.51696	10.7475	12.7385	1.05356	1
cg01842415	LHX8	0.0018444	0.0926204	0.449153	-2.22641	0.0089673	0.42098	2.42098	0.102262	2.16712	2.16712	0.0113359	3.9403	3.9403	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1271 vs. N)	Ratio(1271 vs. N)	Fold-Change(1273 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1473 vs. N)	Fold-Change(1473 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test	SS(Error)	
cg00088370	LIG1	0.00305261	0.0423117	0.465758	-2.14704	0.0589606	1.46721	1.46721	0.0428179	0.657656	-1.52055	0.234802	0.709435	-1.25088	0.000188746	0.125173	0.370528	0.230885	0.797784	-1.25347	0.0796905	0.704962	-1.41852	0.950761	0.988961	-1.01116	0.0317863	0.578551	1.72845	8.51407	4.35709	0.454891	
cg02611618	LIG1	0.00333797	0.00334592	0.247557	-4.03948	0.00619581	2.37639	2.37639	0.181073	1.41108	1.41108	0.639995	1.12101	1.12101	0.225414	1.36172	1.36172	0.496258	0.845751	-1.18238	0.0104108	0.457351	-2.1865	0.148309	1.45649	1.45649	0.735289	1.08578	0.290403	7.72179	0.827919	1
cg06751700	LIG1	0.0215273	0.955985	0.992528	-1.00753	0.00556983	0.609679	-1.64021	0.0992107	0.782228	-1.2784	0.7148	1.05114	1.05114	0.0584592	0.747859	-1.33715	0.129002	0.80017	-1.24973	0.00588899	0.612808	-1.63183	0.0127128	0.656528	-1.52317	0.0266502	0.699793	-1.42899	4.58796	1.3419	0.259984	1
cg21207591	LIG3;LIG3	0.0174795	0.0076707	0.0846936	-11.8075	0.0066162	0.0844431	-11.8845	0.0365647	0.181625	-5.50586	0.220303	0.404602	-2.47157	0.00503918	0.0799446	-13.5232	0.0413192	0.191579	-5.21935	0.00770511	0.0903649	-11.0662	0.0940137	0.274403	-3.64295	0.0165667	0.128092	-7.80602	5.3314	41.6267	0.9403	
cg18453874	LIG3;LIG3	0.0428416	0.570296	0.836964	-1.19479	0.306655	0.72011	-1.38868	0.845682	1.06232	1.06232	0.709418	0.890357	-1.12315	0.179146	0.642271	-1.55697	0.00250074	0.271696	-3.68053	0.173758	1.56673	1.56673	0.0597218	1.93323	1.93323	0.744586	1.10674	1.59078	5.47413	1.35511	1
cg11198309	LIG4;ABHD13;LIG4	0.0119927	0.0135082	0.523352	-1.90349	0.4418671	1.17951	1.17951	0.134544	1.40452	1.40452	0.32698	1.808317	-1.27344	0.854806	1.03932	1.03932	0.152689	0.724351	-1.38055	0.00174896	0.390921	-2.55806	0.53664	0.876077	-1.1408	0.0208671	1.79572	1.79572	5.5746	3.91945	0.624013	1
cg27163659	LIG4;LIG4;LIG4	6.88E-05	0.116945	1.18824	1.18824	0.0643562	1.23425	1.23425	4.67E-05	2.17679	2.17679	0.0809737	1.21647	1.21647	0.247308	0.884706	-1.13032	2.67E-05	2.31776	2.31776	0.00174186	0.636295	-1.5716	0.000130108	1.96013	1.96013	0.000909051	1.64139	1.64139	24.4645	3.97363	0.144377	1
cg22402941	LIG4;LIG4;LIG4	0.0277803	0.38252	1.68918	1.68918	0.179746	1.99709	1.99709	0.0496	4.484892	4.484892	0.0194599	1.070021	1.070021	0.775949	0.972093	-1.02765	0.155385	0.864738	-1.15642	0.00109052	0.667249	-1.49898	0.0115715	1.3523	1.3523	0.6095632	0.963114	1.03383	1.43942	0.607741	0.12864	1
cg22029476	LIRA1	0.000660532	0.00228043	0.147106	-6.79784	0.000108398	0.0466781	-21.4233	0.00419634	0.178583	-5.59962	0.0213497	0.288643	-3.46449	0.00347237	0.118546	-8.44755	0.129285	0.478894	-2.08814	0.000157366	0.0547807	-18.2546	0.0492835	0.364937	-2.7402	0.0173665	0.272186	-3.67396	13.2241	42.2619	2.84074	1
cg14071925	LIRA1	0.00241759	0.268829	1.74941	1.74941	0.968152	1.01958	1.01958	0.00588205	0.173708	-5.7568	0.681616	1.2218	1.2218	0.0294484	0.287842	-3.47413	0.330413	1.62862	1.62862	9.74E-05	0.034602	-28.9	0.59513	0.770691	-1.29754	0.0106079	0.209995	-4.76201	9.12151	34.0702	3.32013	1
cg15705210	LIRA1	0.0166204	0.365719	1.25478	1.25478	0.0959198	0.93932	-1.06493	0.0844854	0.185222	-5.39828	0.213035	0.637444	-1.56858	0.00873619	0.179	-5.58774	0.0182072	0.376112	2.65874	0.0160819	0.447239	-2.65874	0.0160819	0.447239	-2.65874	0.0160819	0.447239	-2.00188	0.364834	0.727883	0.173895	0.629402	9.29217	1.63796	1
cg25806685	LIRA1	0.00883346	0.165269	-6.05075	0.0532225	0.30542	-3.27418	0.0486334	0.296321	-3.3747	0.31179	0.582324	-1.77126	0.0101928	0.173852	0.75203	0.458521	0.665223	-1.50326	0.0078256	0.101623	-9.84033	0.0871145	0.360254	-2.77374	0.168059	0.452323	-2.21081	4.42586	20.4426	4.10568	1
cg31845013	LIRA1;LIRA3	0.0230574	0.0642211	0.611394	-1.63587	0.133977	0.72734	-1.46258	0.0317465	0.348695	-2.86611	0.0834262	0.637123	-1.56856	0.0156662	0.498123	0.20754	0.103419	0.372013	-2.68808	0.0275356	0.235278	-4.25029	0.0227277	0.220068	-4.54405	0.0186934	0.2055	-4.86618	4.51544	22.0421	4.33912	1
cg16893868	LIRA2;LIRA2	0.00228172	0.00234055	0.103909	-9.14835	0.000735829	0.0690674	-14.4786	0.00165023	0.15813	-6.3	0.0340	0.599191	-1.66892	0.00786714	0.169154	-5.91178	0.0495691	0.311139	3.214	0.000612634	0.0639313	-15.6418	0.0364764	0.281728	-3.54952	0.0148669	0.209883	-4.76455	8.79114	37.4997	3.82297	1
cg19216475	LIRA2;LIRA2	0.00293177	0.00632228	0.328782	-3.04153	0.00185231	0.250989	-3.98424	0.142864	0.402463	0.402463	0.0124656	0.631627	-1.58326	0.0242934	0.482486	0.27256	0.0170142	0.402401	2.48508	0.00234887	0.144842	-6.77363	0.0205515	0.417753	-2.39376	0.0535455	0.503637	-1.98556	0.616718	13.3558	1.37776	1
cg19486673	LIRA2;LIRA2	0.0698782	0.0183989	0.231011	-4.3288	0.00540991	0.15327	-6.52442	0.0437261	0.304924	-3.27951	0.888204	0.930475	-1.07472	0.00313098	0.126239	-7.92149	0.0191348	0.23397	-4.27405	0.000878124	0.0776555	-12.8774	0.288351	0.568533	-1.75891	0.0355825	0.285554	-3.50196	6.61871	27.5126	3.69492	1
cg15695099	LIRA2;LIRA2	0.0187235	0.210226	0.681895	-1.4665	0.71348	1.11287	1.11287	0.0896218	0.581185	-1.72062	0.12846	1.6104	1.6104	0.0426289	0.508219	-1.96765	0.439417	0.791853	-1.26286	0.00138829	0.260842	-3.81974	0.0211287	0.447523	-2.23452	0.0140806	1.15846	1.15846	4.81082	6.40693	1.1838	1
cg14570139	LIRA2;LIRA2	0.0434918	0.031205	0.145479	-6.87182	0.0282453	0.0760524	-13.1488	0.16044	0.318763	-3.13713	0.1942138	0.350928	-2.84959	0.00476978	0.129872	-7.69991	0.0725262	0.217005	-4.60818	0.00776682	0.0733174	-13.6393	0.189572	0.346622	-2.88498	0.242034	0.393115	-2.54379	5.57064	32.8777	8.18469	1
cg07280591	LIRA2;LIRA2;LIRA2;LIRA2	0.00853107	0.00992071	0.15099	-6.62296	0.00265618	0.089589	-11.1621	0.0351328	0.240635	-4.15567	0.0757765	0.317562	-3.14899	0.00428484	0.108889	-9.18362	0.140775	0.405315	-2.46722	0.00141366	0.068445	-14.6103	0.196841	0.452967	-2.20766	0.0409495	0.254316	-3.93212	6.21638	33.1644	4.74222	1
cg15460135	LIRA3	9.83E-06	0.0237327	0.622601	-1.60627	0.134512	0.739099	-1.35307	1.78E-05	0.224433	-4.45634	0.236228	0.800079	-1.24988	4.83E-05	0.251263	-3.97956	1.6E-05	0.0272464	0.631878	-1.58258	1.79E-07	0.0599726	-16.7245	0.0172804	0.632184	-1.58182	0.00280133	0.485315	-2.06052	40.7492	19.8846	0.433755	1
cg00705255	LIRA3	0.0103556	0.0219574	0.445797	-2.24318	0.0369938	0.491983	-2.03259	0.00894861	0.377698	-2.64762	0.0776197	0.563064	-1.776	0.0176801	0.429573	-2.32789	0.00515336	0.390006	2.9488	0.00143291	0.420248	0.503633	-1.98557	0.798686	0.927891	-1.07771	5.84485	7.93805	1.20722	1
cg20308038	LIRA3;LIRA3	0.00369621	0.0141417	0.213121	-4.69233	0.0110734	0.267749	-3.73737	0.0502144	0.318203	-3.311	0.0227731	0.470548	-2.12579	0.00913203	0.277838	-3.59922	0.0266255	0.126681	-7.89557	0.0078978	0.158494	-6.30919	0.0421914	0.198504	-5.03769	0.0117985	0.338195	-2.95603	1.97226	1.64355	0.372126	1
cg24755177	LIRA4	1.07E-06	5.59E-05	0.213069	-4.69331	0.0302718	1.69159	1.69159	1.79E-06	0.0855956	-11.6828	0.037007	0.606629	-1.64846	4.76E-07	0.0539351	-18.5408	0.000149491	0.260721	-3.83552	1.55E-07	0.0342647	-29.1845	0.120188	1.41607	1.41607	0.00200413	0.406585	-2.45951	72.1381	48.6598	0.599588	1
cg01204985	LIRA4	4.21E-05	8.41E-06	0.160618	-6.22595	0.0108704	0.54737	-1.82692	3.92E-05	0.226848	-4.40823	0.916492	0.980429	-1.01996	8.67E-05	0.179476	0.971185	0.102967	0.030046	0.618228	-1.61752	1.47E-05	0.183261	-5.4567	0.00180234	0.3028	-3.30251	0.671199	1.0318	27.8758	15.6703	0.499971	1
cg19802477	LIRA4	0.000217124	0.00144477	0.133965	-7.46475	0.00158951	0.450407	-2.22021	0.0450852	0.226448	-4.41903	0.0456801	0.245625	-4.07157	0.000132316	0.105024	-9.52262	0.106621	0.0845835	11.8262	0.00045814	0.0307921	-32.4805	0.0356335	0.280616	-3.56285	0.0179516	-2.51499	0.00878834	0.427969	-2.33662	17.5061	18.4074	0.910724	1
cg20542190	LIRA4	0.00439882	0.0142821	0.332558	-3.007	0.00317081	0.230239	-4.34331	0.00135478	0.183552	-5.44806	0.00584628	0.268539	-3.72386	0.000127821	0.0882493	-11.3315	0.00309031	0.228719	-4.37217	4.13E-05	0.0580044	-17.2401	0.00530157	0.262133	-3.81486	0.0759296	0.486922	-2.05372	14.8066	31.1314	1.86892	1
cg03575041	LIRA4	0.00080047	0.00455824	0.178551	-5.59253	0.00144764	0.284782	-3.51285	0.00063	0.160754	-6.24	0.00211321	0.232211	-4.30644	0.000116251	0.0853999	-11.7138	0.001596	0.216503	-4.6187	0.000228545	0.0222886	-44.9627	0.0124337	0.47523	-2.10453	0.0392501	0.142886	-6.99747	0.0183139	0.43928	21.3902	1.60969	1
cg23899404	LIRA4	0.00203504	0.423587	-4.33734	1.44734	0.541098	0.75985	-1.31605	0.196533	0.546145	-1.83337	0.06010071	0.204125	-4.89866	0.000703703	0.0679485	-14.717	0.00716941	0.214516	-4.66941	0.00444094	0.0853567	-11.7155	0.402485	0.683638	-1.46276	0.0221804	0.296059	1.37977	0.933597	0.223	29.1937	2.77397	1
cg26453295	LIRA4	0.00548562	0.902251	0.972964	-1.02779	0.183474	0.72993	-1.37	0.0257332	0.553854	-1.80553	0.112356	1.47049	1.47049	0.0303947	1.76408	1.76408	0.466287	0.847573	-1.17984	0.000244208	0.258589	-3.86714	0.44122	0.839301	-1.19147	0.14717	0.706803	-1.41482	7.11328	5.62162	0.700518	1
cg20434051	LIRA4	0.00793747	0.0289732	0.3	-3.33333	0.0152256	0.328452	-3.04452	0.0107	0.211363	0.0932295	-1.86691	0.0976905	0.552287	-1.81049	0.0116203	0.186768	-5.35424	0.0138161	0.314897	-3.17565	0.0843626	0.484314	-2.06478	0.21101	0.51916	-1.92606	0.203009	1				
cg01067405	LILRA1;LILRA4	0.000159025	0.387028	0.751523	-1.33063	0.00971853	0.348634	-2.86834	0.00225359	0.252255	-3.96425	0.000304906	0.151065	-6.61967	0.000134503	0.156135	-6.40607	0.074537	0.527274	-1.89655	0.536	0.0763792	-27.1796	0.782833	1.09309	1.09309	0.00659555	0.32098	-3.11546	19.5465	32.1299	1.46113	1
cg21293500	LILRA1;LILRA5;LILRA1;LILRA5	0.00742675	1.08E-05	0.137411	-7.27811	0.0135974	0.23703	-4.21852	0.00562353	0.586234	-1.7058	0.0140614	0.30606	-3.26752	0.00104	0.0980363	-10.2021	0.0017057	0.0855	11.6955	0.00013764	0.0163589	-61.1189	0.0855	0.468785	-2.13322	0.0823324	0.133129	-7.51284	0.0465	0.132	0.0795	1.97226	1
cg00727947	LILRA1;LILRA5;LILRA1;LILRA5	0.0267317	0.000603413	0.304213	-3.28717	0.297378	1.27513	1.27513	0.058204	0.617785	-1.61869	0.560868	0.876081	-1.14145	0.666699	1.10239	1.10239	0.853434	1.04248	1.04248	0.816641	0.949088	-1.05364	0.913664	0.975896	-1.0247	0.669401	1.10145	1.10145	4.25654	1.41223	0.712572	1
cg05340438	LILRA1;LILRA5;LILRA1;LILRA5	0.0189191	0.972065	1.01308	1.01308	0.0107722	0.190346	-5.2536	0.283863	0.665166	-1.51156	0.650945	0.844494	-1.18414	0.0112391	0.307711	-3.2498	0.890924	1.05223	1.05223	0.996581	1.00159	0.990263	0.500201	-1.99919	0.255713	0.64385	-1.55316	5.37042	8.11366	1.93851	1
cg10429096	LILRA1;LILRA5	0.00100445	0.00485227	0.18	-5.55556	0.00233	0.201824	-4.95344	0.00145	0.127737	-7.82727	0.00320144	0.182023	-5.311	0.00227731	0.0708403	-14.1158	0.00300206	0.301444	3.3177	0.00102542	0.15098	-6.62139	0.0450414	0.531342	-1.88203	0.0315146	0.504226	-1.98324	11.622	13.9145	1.84422	1
cg22686939	LILRA1;LILRA5;LILRA1;LILRA5	0.00294709	0.0704186	0.37438	-2.67108	0.00715373	0.114571	-8.72819	0.00390693	0.151474	-6.60177	0.0752271	0.381952	-2.61813	0.00299311	0.138314	-7.22994	0.0440654	0.324962	3.07728	0.000434385	0.0670289	-14.9189	0.0686238	0.371465	-2.69204	0.00279756	0.135121	-7.40075	8.60347	32.1656	3.32327	1
cg00001510	LILRA1;LILRA5;LILRA1;LILRA5	0.00318809	0.0165676	0.259555	-3.85211	0.480673	0.924903	-1.08133	0.0488457	0.546822	-1.82875	0.136731	0.653871	-1.52936	0.506315	0.836104	-1.19567	0.0155081	0.376205	2.65812	0.543467	0.0466007	-21.4506	0.942432	1.01406	1.01406	0.889447	1.00157	0.464035	-2.1534	0.0064	0.0398	0.93088	0.16069	1
cg13400332	LILRA6	0.0197798	0.00391403	0.228797	-4.37069	0.658948	0.844759	-1.18377	0.282314	0.6542	-1.52858	0.0374567	0.399693	-2.50192	0.230599	0.620503	-1.6116	0.449241	0.746117	-1.34027	0.000958765	0.154378	-6.4776	0.853006	0.948552	-2.05964	0.2954	0.662237	-1.51003	4.72229	10.7892	2.03088	1
cg19835973	LILRA6;LILRA6	3.57E-07	4.17E-06	0.214656	-4.65862	0.0551702	0.730544	-1.36884	4.27E-07	0.125897	-7.94301	2.14E-06	0.186328	-5.36689	0.00319774	0.559189	-1.7883	5.61E-07	0.135319	-7.38993	2.48E-08	0.0506611	-19.739	0.00372434	0.567894	-1.76089	9.90E-05	0.368603	-2.71294	95.312	31.485	0.293632	1
cg26649140	LILRB1	0.00449307	0.00458258	0.178551	-5.59253	0.00144764	0.284782	-3.51285	0.00063	0.160754	-6.24	0.00211321	0.232211	-4.30644	0.000116251	0.0853999	-11.7138	0.001596	0.216503	-4.6187	0.000228545	0.0222886	-44.9627	0.0124337	0.47523	-2.10453	0.0392501	0.142886	-6.99747	0.0183139	0.43928	21.3902	1.60969	1
cg03565532	LILRB1	0.0134304	0.0110114	0.166929	-5.99057	0.0368105	0.110402	-9.0578	0.0366742	0.255995	-3.90632	0.116322	0.383712	-2.60612	0.0128227	0.176442	-5.66759	0.047234	0.279613	-3.57637	0.0042344	0.0853567	-11.7155	0.402485	0.683638	-1.46276	0.0221804	0.296059	1.37977	0.933597	0.223	29.1937	2.77397	1
cg26778001	LILRB1;LILRB1;LILRB1;LILRB1	3.16E-05	0.00002	0.0	-Inf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg04753936	LILRB1;LILRB1;LILRB1;LILRB1	0.00299511	0.0155939	0.206964	-4.83177	0.458008	0.669358	-1.49397	0.00120044	0.0804174	-12.4351	0.0211281	0.229269	-4.36168	0.000157794	0.0322836	-30.9755	0.0001596	0.216503	-4.6187	0.000228545	0.0222886	-44.9627	0.0124337	0.47523	-2.10453	0.0392501	0.142886	-6.99747	0.0183139	0.43928	21.3902	1.60969	1
cg13762704	LILRB1;LILRB1;LILRB1;LILRB1	0.00368163	0.0153257	0.209965	-4.76305	0.0103538	0.192077	-5.2625	0.0256354	0.248433	-4.02958	0.159324	0.495289	-2.01903	0.00649355	0.163622	-6.1145	0.0001596	0.216503	-4.6187	0.000228545	0.0222886	-44.9627	0.0124337	0.47523	-2.10453	0.0392501	0.142886	-6.99747	0.0183139	0.43928	21.3902	1.60969	1
cg24154699	LILRB1;LILRB1;LILRB1;LILRB1	0.0102246	0.00585963	0.173949	-5.52161	0.0139752	0.162608	-6.14976	0.0227683	0.197711	-5.0789	0.0543131	0.272899	-3.66737	0.00423982	0.0824204	-12.1241	0.0631222	0.288489	-3.4663	0.0018708	0.0725383	-13.7858	0.0804924	0.21523	-4.7348	0.0131908	0.352779	-2.83463	5.86874	37.8376	6.47909	1
cg08368867	LILRB1;LILRB1;LILRB1;LILRB1	0.015568	0.00740641	0.0756882	-13.2121	0.00570639	0.0664071	-15.0586	0.0543298	0.195235	-5.1223	0.107533	0.26872	-3.72134	0.048431	0.185074	-5.40323	0.197834	0.361194	-2.7686	0.00144913	0.031971	-31.2783	0.776752	0.808406	-1.237	0.123394	0.286904	-3.48549	1.17131	45.3655	7.88009	1
cg04730930	LILRB1;LILRB1;LILRB1;LILRB1	0.0146686	0.0265621	0.281636	-3.55004	0.125586	0.64433	-1.55233	0.247477	0.0133829	-7.24477	0.0213829	0.23776	-4.20555	0.0047215	0.0650167	-15.3798	0.0001596	0.216503	-4.6187	0.000228545	0.0222886	-44.9627	0.0124337	0.47523	-2.10453	0.0392501	0.142886	-6.99747	0.0183139	0.43928	21.3902	1.60969	1
cg02340056	LILRB1;LILRB3	6.00E-06	1.45E-05	0.29402	-3.40112	0.892222	1.98775	-1.01856	4.06E-06	0.234403	-4.26619	0.21499	0.837701	-1.19374	0.00914919	0.638172	-1.56698	0.0708485	0.760448	-1.31501	3.78E-07	0.138409	-7.22495	0.0155148	1.40598	1.40598	0.00226918	0.560246	-1.78493	46.205	13.4974	0.259157	1
cg21955916	LILRB2;LILRB2	1.11E-07	9.87E-06	0.430135	-2.32485	6.51E-07	0.299126	-3.34307	9.69E-07	0.317903	-3.14561	8.62E-08	0.209083	-4.78279	0.000128363	0.553515	-1.80664	4.96E-07	0.28652	-3.49016	1.37E-08	0.138531	-7.21859	0.172633	1.13761	1.13761	7.40E-06	0.416101	-2.40326	128.288	16.0313	0.111078	1
cg24260917	LILRB2;LILRB2	0.00035254	0.0132006	0.490542	-2.03856	0.159372	0.700604	-1.42734	7.32E-05	0.187807	-5.32462	0.00177129	0.356277	-2.80681	0.000193464	0.233495	-4.28275	0.017641	0.512078	-1.95283	0.103525	1.50719	1.50719	0.3972	0.817926	-1.2226	0.000250896	0.246579	-4.05555	14.7514	13.3999	0.756665	1
cg19279346	LILRB2;LILRB2	0.0060897	0.00602897	0.126226	-7.92235	0.0011824	0.154246	-7.39405	0.0277653	0.189875	-5.26699	0.0848081	0.364584	-2.74325	0.0144356	0.198052	-5.05001	0.374444	0.681505	1.46734	0.83377	0.9154	-1.09242	0.803911	1.1031	1.1031	0.134932	0.507702	-1.96966	5.8919	16.5585	2.49058	1
cg05248470	LILRB2;LILRB2	0.0452391	0.247907	0.495048	-2.02001	0.0031904	0.0959827	-10.4185	0.0264747	0.216243	-4.62442	0.0016552	0.352384	-2.83781	0.0611564	0.292781	-3.41552	0.0843659	0.32914	-3.03822	0.187815	0.4407793	-2.2533	0.0218836	0.2017	-4.95785	0.2292204	0.49778	-2.08429	5.51854	18.879	4.7694	1
cg12555779	LILRB3;LILRB3	0.00016468	0.0850866	0.369635	-2.70513	0.0739448	1.17586	1.17586	0.196927	0.509154	-1.96421	-1.25472	0.654488	1.0756	1.0756	1.87E-06	0.143663	-6.96064	0.0157681	0.615906	1.62362	0.397458	2.51253	0.139168	1.17895	1.17895	0.604285	0.917912	-1.18943	0.76662	8.27489	0.377958	1
cg17295720	LILRB3;LILRB3	0.00044118	0.415673	0.861821	-1.16034	0.00912628	0.55321	-1.80763	0.00055449	0.383699	-2.60621	0.00759292	0.541332	-1.84729	0.0138199	0.580372	-1.72155	0.000414988	0.367435	-2.72157	3.84E-05	0.0243937	-4.09943	0.00542503	0.382466	-2.61461	0.0830906	0.709455	1.40914	14.7945	7.48646	0.449805	1
cg22299782	LILRB3;LILRB3	0.00821932	0.0847116	0.651387	-1.53518	0.281932	0.777721	-1.28581	0.0163405	0.516869	-1.93473	0.180177	0.726171	-1.37709	0.611883	0.891337	-1.12191	0.0551217	0.613322	-1.63046	0.000380079	0.27913	-3.58256	0.00216259	0.379886	-2.63237	0.120009	0.684416	-1.4611	2.09234	5.03529	0.711538	1
cg15816012	LILRB3;LILRB3;LILRB3;LILRB3	8.80E-05	0.0145207	0.279551	-3.59252	0.0310538	0.702077	-1.42625	0.0004	0.0934333	-10.7035	0.0001613	0.0240355	-41.6035	-4.9924	0.000649474	0.0702553	-14.2351	-4.02058	0.159324	0.495289	-2.01903	0.00649355	0.163622	-6.1145	0.0480593	-20.807	0.230075	0.702316	-1.42376	0.0114474	0.41156	-2.42978	22.9131	3.58267	1.10825	1
cg00113020	LILRB4;LILRB4	0.00036229	0.949691	0.981884	-1.01845	0.00027433	0.14497	-6.89797	0.000806979	0.231169	-4.32584	0.418881	0.787169	-1.27038	3.10E-05	0.0948625	-10.5416	0.0123815	0.405729	-2.4647	0.501005	1.21347	1.21347	0.0671026	0.551792	-1.81228	0.00419845	0.329226	-3.03743	15.6203	20.7668	1.18176	1
cg05922591	LILRB4;LILRB4	0.00047307	0.563142	0.816773	-1.22467	0.0924434	0.71934	-1.39034	0.0001	0.0134225	-13.1685	0.0108552	0.1266	-7.8966	0.0001	0.0127206	-78.5993	0.0001	0.0001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg25975071	LILRB4;LILRB4	0.0197811	0.102266	-5.86398	-1.70533	0.340499	1.34072	1.34072	0.0336416	0.476801	-2.09731	0.743806	0.90675	-1.10284	0.000565551	0.202962	-4.92704	0.833773	1.06474	1.06474	0.715768	1.11533	1.11533	0.206511	0.671866	-1.48839	0.20393	0.670175	1.49215	4.72218	0.66339	1.2543	1
cg02421734	LILRB4;LILRB4	0.0228377	0.0311991	0.13799	-7.24692	0.0067997	0.0804785	-15.6059	0.0881711	0.229023	-4.36637	0.535373	0.611583	-1.6351	0.0001568	0.0593146	-16.8592	0.63066	0.684212	1.46134	0.0566552	0.582315	-17.1728	0.883345	1.12189	1.12189	0.132902	0.280805	-3.56119	4.49581	43.6936	8.63887	1
cg09552641	LILRB4;LILRB4	0.0410804	0.0412651	0.2	-4.99999	0.0160888	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26342671	LIMS2;LIMS2;LIMS2	3.12E-06	0.55399	1.24278	1.24278	0.000236099	9.13823	9.13823	0.000347792	8.07374	8.07374	0.0199689	2.77228	2.77228	0.0277862	0.38896	-2.57096
cg07262244	LIMS2;LIMS2;LIMS2	0.00724748	0.0145339	0.44612	-2.24155	0.69085	1.11314	1.11314	0.00426976	2.78721	2.78721	0.170387	1.47917	1.47917	0.190607	1.45006	1.45006
cg08385249	LIMS2;LIMS2;LIMS2	0.0138087	0.191832	1.32909	1.32909	0.00363513	0.44477	-2.24835	0.950144	0.987207	-1.01296	0.0427729	0.618675	-1.61636	0.0536258	0.636823	-1.5703
cg01761729	LIMS2;LIMS2;LIMS2;LIMS2	0.00656028	0.0121398	0.450031	-2.22207	0.291125	1.32284	1.32284	0.064304	0.588071	-1.70048	0.122812	0.652456	-1.53267	0.00125386	0.300182	-3.33131
cg15781838	LIMS2;LIMS2;LIMS2;LIMS2	0.0097389	0.093779	1.85022	1.85022	0.224635	1.53094	1.53094	0.346783	1.38194	1.38194	0.73306	1.12109	1.12109	0.000756309	0.181748	-5.50212
cg19326543	LIMS2;LIMS2;LIMS2;LIMS2	0.0145287	0.942636	1.02274	1.02274	0.226059	1.48757	1.48757	0.220294	0.668562	-1.49575	0.836003	0.937293	-1.0669	0.000543614	0.186502	-5.36188
cg21901488	LIMS2;LIMS2;LIMS2;LIMS2	0.0397785	0.531931	1.15071	1.15071	0.595265	0.887917	-1.12623	0.846063	1.04404	1.04404	0.0113615	2.01912	2.01912	0.0111396	0.493861	-2.02486
cg17976576	LIMS2;LIMS2;LIMS2;LIMS2;LIMS2	3.09E-05	0.830886	0.911557	-1.09702	0.0116876	3.91267	3.91267	0.0156464	3.60756	3.60756	0.846466	0.919491	-1.08756	0.317907	0.639549	-1.5636
cg17040753	LIMS3-LOC440895;LIMS3-LOC440895;LOC440895	0.0119448	0.0421365	3.30951	3.30951	0.0316949	3.62324	3.62324	0.37366	1.5949	1.5949	0.317734	1.69538	1.69538	0.0634318	2.9064	2.9064
cg04985610	LIN28	0.00893514	0.818162	0.883541	-1.13181	0.035586	0.268394	-3.72586	0.0640443	0.32661	-3.06176	0.348832	1.67961	1.67961	0.000596411	0.0578994	-17.2713
cg07023131	LIN28	0.0336112	0.846319	0.957648	-1.04423	0.0212092	1.85489	1.85489	0.329559	1.25158	1.25158	0.724489	0.924111	-1.08212	0.957412	0.988161	-1.01198
cg19706817	LIN28;LIN28	0.0294965	0.332653	1.6621	1.6621	0.113627	0.416792	-2.39928	0.868595	0.919267	-1.08782	0.00316867	7.76367	7.76367	0.0339655	3.52	3.52
cg15317722	LIN28B	0.000671041	0.487952	1.23593	1.23593	0.00150849	0.253013	-3.95237	0.000102614	0.126573	-7.90056	0.482098	1.23959	1.23959	0.830612	0.937631	-1.06652
cg25992775	LIN28B	0.00253109	0.296373	1.14347	1.14347	0.0481579	0.756056	-1.32265	0.000123601	0.43649	-2.291	0.163232	0.83171	-1.20234	0.294327	1.14417	1.14417
cg18294116	LIN28B	0.00391176	0.0628731	1.34323	1.34323	0.044983	1.38321	1.38321	0.000788836	0.489034	-2.04485	0.788006	1.03873	1.03873	0.0915019	0.769497	-1.29955
cg17728974	LIN28B	0.0160471	0.0416827	0.498428	-2.00631	0.676352	1.12957	1.12957	0.0197177	0.431008	-2.32014	0.134027	0.622464	-1.60652	0.00942243	0.37101	-2.69534
cg17119521	LIN28B	0.0219653	0.761993	0.889171	-1.12464	0.0131001	0.304237	-3.28691	0.0177041	3.0511	3.0511	0.221189	0.608165	-1.64429	0.00817311	0.27012	-3.70206
cg05068322	LIN28B	0.0319368	0.360193	0.750254	-1.33288	0.0124021	0.386469	-2.58753	0.14665	1.6094	1.6094	0.78873	1.0855	1.0855	0.261852	1.42959	1.42959
cg04560456	LIN28B;LIN28B	0.035579	0.0191945	0.391507	-2.55423	0.00243099	0.247382	-4.04233	0.413018	1.31915	1.31915	0.341505	0.722966	-1.38319	0.155366	0.60459	-1.65401
cg14253932	LIN37	0.000778331	0.00328401	0.735967	-1.35876	0.00739014	0.767875	-1.3023	0.000240579	0.628118	-1.59206	0.274125	1.09099	1.09099	0.0711989	1.16675	1.16675
cg21194918	LIN37	0.00436454	0.47721	1.10723	1.10723	0.170836	0.814208	-1.22819	0.000295893	2.29464	2.29464	0.348383	0.872782	-1.14576	0.112921	0.784129	-1.2753
cg21561596	LIN37	0.0211369	0.0883533	1.35085	1.35085	0.926598	0.98537	-1.01485	0.681073	0.936039	-1.06833	0.127885	0.768535	-1.30118	0.242607	1.21602	1.21602
cg26891649	LIN37	0.0317804	0.916432	0.982584	-1.01772	0.0036956	1.92848	1.92848	0.0811526	1.38219	1.38219	0.379103	0.859808	-1.16305	0.902819	1.02066	1.02066
cg26102253	LIN52	1.19E-05	0.156882	1.23339	1.23339	5.71E-05	0.355292	-2.81458	0.0102092	0.638455	-1.56628	0.133059	0.798893	-1.25173	3.23E-06	0.217217	-4.60369
cg23171812	LIN52;ALDH6A1	0.00420055	0.210903	1.35005	1.35005	0.66167	1.10546	1.10546	0.961937	1.01093	1.01093	0.215524	0.743182	-1.34557	0.175855	0.72057	-1.38779
cg02207491	LIN52;ALDH6A1	0.00488115	0.300304	0.911849	-1.09667	0.000895851	1.53343	1.53343	0.00270934	1.42784	1.42784	0.219691	0.894973	-1.11735	0.0405311	1.22553	1.22553
cg23582405	LIN52;ALDH6A1	0.00583616	0.296166	1.13222	1.13222	0.00207785	1.64362	1.64362	0.010703	1.44449	1.44449	0.39078	1.10607	1.10607	0.0120538	1.43178	1.43178
cg11801651	LIN52;ALDH6A1	0.00586057	0.543179	1.18454	1.18454	0.241102	1.4017	1.4017	0.695404	1.11436	1.11436	0.722949	0.90669	-1.10291	0.000221679	0.18407	-5.43272
cg09194436	LIN52;ALDH6A1	0.0103739	0.390503	0.885501	-1.1293	0.390037	1.12945	1.12945	0.0532395	1.35459	1.35459	0.00139501	0.527316	-1.8964	0.763885	0.959221	-1.04251
cg01814911	LIN52;ALDH6A1	0.0110715	0.400961	1.19213	1.19213	0.0207993	1.76618	1.76618	0.00403397	2.20237	2.20237	0.423174	1.18202	1.18202	0.959427	0.989654	-1.01045
cg18737667	LIN52;ALDH6A1	0.0169153	0.00700815	0.787547	-1.26977	0.272037	0.924674	-1.08146	0.0178688	0.821041	-1.21797	0.0837579	1.14007	1.14007	0.613753	1.03548	1.03548
cg06596719	LIN52;LIN52;ALDH6A1	0.0348937	0.50226	0.840606	-1.18962	0.0202473	2.04186	2.04186	0.0483024	1.77781	1.77781	0.393064	1.24993	1.24993	0.308262	0.764216	-1.30853
cg09998692	LIN54	0.00469307	0.0919038	1.15412	1.15412	0.122586	0.878756	-1.13797	0.784431	0.97904	-1.02141	0.886768	1.01107	1.01107	0.477906	1.05732	1.05732
cg16324579	LIN54	0.0146174	0.0181989	2.13482	2.13482	0.403215	1.24624	1.24624	0.386665	0.795791	-1.25661	0.214891	0.713593	-1.40136	0.720592	1.09654	1.09654
cg01882498	LIN54	0.0345519	0.028337	0.372878	-2.68185	0.176157	0.578041	-1.72998	0.265196	1.55667	1.55667	0.821813	0.917621	-1.08977	0.0840411	0.482597	-2.07212
cg12857786	LIN54;LIN54	0.0280611	0.178041	0.778317	-1.28482	0.00721799	1.83522	1.83522	0.876161	1.02769	1.02769	0.902353	1.02173	1.02173	0.169852	1.29182	1.29182
cg27187586	LIN54;LIN54;LIN54	0.00243334	0.171522	0.655658	-1.52518	0.0275803	0.469783	-2.12864	0.229587	0.69381	-1.44132	0.0382031	0.498285	-2.00688	0.390114	0.774634	-1.29093
cg06019050	LIN54;LIN54;LIN54	0.00335995	0.896647	1.02237	1.02237	0.00164865	0.464368	-2.15347	0.0186397	0.615335	-1.62513	0.0478305	0.680283	-1.46998	0.757969	1.05404	1.05404
cg10724425	LIN54;LIN54;LIN54	0.00403843	0.00735626	0.36129	-2.76786	0.100688	1.69875	1.69875	0.0402388	2.01063	2.01063	0.060881	0.536521	-1.86386	0.0110021	0.390583	-2.56028
cg10606544	LIN54;LIN54;LIN54	0.0120514	0.497982	1.10847	1.10847	0.000580603	2.21778	2.21778	0.337644	1.15947	1.15947	0.00466584	1.75616	1.75616	0.303182	1.17309	1.17309
cg17135955	LIN54;LIN54;LIN54	0.0215198	0.058284	0.761395	-1.31338	0.0201225	0.699669	-1.42925	0.0941075	0.79098	-1.26426	0.484273	0.913427	-1.09478	0.353325	0.885447	-1.12937
cg23419974	LIN54;LIN54;LIN54	0.0491817	0.259699	0.805759	-1.24107	0.077933	0.697805	-1.43306	0.0196225	0.59578	-1.67847	0.942446	1.01335	1.01335	0.415274	0.85817	-1.16527
cg11136111	LIN7A	0.000178463	0.0474517	0.572212	-1.74761	0.0285621	0.529392	-1.88896	0.057069	0.588587	-1.69899	0.00153045	0.325361	-3.07351	0.00297492	0.366612	-2.72768
cg19347790	LIN7A	0.000453116	0.613435	0.846628	-1.18116	0.0317666	0.439253	-2.27659	0.130631	0.586528	-1.70495	0.114963	0.571092	-1.75103	0.000743078	0.187549	-5.33194
cg26841483	LIN7A	0.000861951	0.2609	0.666885	-1.49951	0.203995	0.629267	-1.58915	0.0113881	0.334721	-2.98756	0.862637	0.94192	-1.06166	0.756806	0.89823	-1.1133
cg17061244	LIN7A	0.00359473	0.285652	0.814602	-1.22759	0.0372782	0.639528	-1.56365	0.328554	0.829879	-1.20499	0.230324	0.792384	-1.26201	0.100095	0.716649	-1.39538
cg25024670	LIN7A	0.0093957	0.000243675	0.0169045	-59.156	0.863378	0.890597	-1.12284	0.281191	2.12438	2.12438	0.705258	0.77443	-1.29127	0.0156645	0.136292	-7.33717
cg05647859	LIN7A	0.0155071	0.802701	0.845384	-1.18289	0.0764244	3.75259	3.75259	0.0718043	3.85187	3.85187	0.464344	1.64816	1.64816	?	?	?
cg20495052	LIN7A	0.0408143	0.118242	0.535091	-1.86884	0.00355678	0.233102	-4.28996	0.115485	0.532137	-1.87921	0.834101	1.08039	1.08039	0.302268	0.674359	-1.48289
cg03566513	LIN7A	0.0492684	0.951271	0.969729	-1.03122	0.236399	0.535784	-1.86643	0.0560465	0.336712	-2.9699	0.754104	0.85381	-1.17122	0.723111	0.836163	-1.19594
cg16875169	LIN7B	0.000263775	0.74457	1.10612	1.10612	0.231221	1.47318	1.47318	0.327388	1.36602	1.36602	0.614746	0.855077	-1.16949	0.67344	0.877423	-1.1397
cg03630273	LIN7B	0.00473071	0.0134071	0.600877	-1.66423	0.631094	0.922676	-1.0838	0.0596808	1.42403	1.42403	0.000521025	2.4595	2.4595	0.0420728	0.677322	-1.4764
cg15163247	LIN7B	0.0265295	0.0126907	0.758719	-1.31801	0.306042	0.909854	-1.09908	0.661233	0.961454	-1.04009	0.566333	0.949639	-1.05303	0.0429438	0.812483	-1.23079
cg00430945	LIN7B	0.0366603	0.0725405	0.787609	-1.26967	0.161745	1.19488	1.19488	0.497385	1.08556	1.08556	0.71612	1.04448	1.04448	0.696897	0.954428	-1.04775
cg14765649	LIN7B	0.0384333	0.38062	0.847012	-1.18062	0.338262	1.19992	1.19992	0.105833	1.38562	1.38562	0.160877	0.758424	-1.31852	0.0564169	0.671118	-1.49005
cg10667338	LIN7B	0.0499424	0.0733108	0.364354	-2.74458	0.0174408	0.231506	-4.31955	0.253399	0.547145	-1.82767	0.170248	0.477868	-2.09263	0.0586901	0.339718	-2.94362
cg16504397	LIN7C	0.00230728	0.00824972	0.228042	-4.38515	0.164383	0.522505	-1.91386	0.704826	1.18118	1.18118	0.00322088	0.172256	-5.80532	0.000147765	0.0575635	-17.3721
cg24924243	LIN7C;BDNFOS	0.00239846	4.38E-05	0.47971	-2.08459	0.122581	0.853372	-1.17182	0.803001	0.97659	-1.02397	0.391855	0.920226	-1.08669	0.223641	0.88589	-1.12881
cg25227335	LIN7C;BDNFOS	0.00257747	0.00265312	0.621389	-1.6093	0.000547168	0.540892	-1.8488	0.0462804	0.770067	-1.29859	0.137547	0.83275	-1.20084	0.0200008	0.725224	-1.37889
cg05795005	LIN7C;BDNFOS	0.0118417	0.22711	0.794024	-1.25941	0.70382	1.07194	1.07194	0.0218292	1.64968	1.64968	0.0555655	1.4838	1.4838	0.845915	1.03602	1.03602
cg02947993	LIN7C;BDNFOS	0.0492699	0.0226704	0.708881	-1.41067	0.154247	1.21207	1.21207	0.060158	1.30653	1.30653	0.531062	0.923101	-1.08331	0.646771	0.943474	-1.05991
cg04208928	LIN9	0.00024368	0.00213298	0.373798	-2.67524	0.10204	0.664917	-1.50395	0.000570928	0.296253	-3.37549	0.51673	0.860782	-1.16173	2.63E-05	0.150082	-6.663
cg23911417	LIN9	0.000629309	0.302482	0.86447	-1.15678	8.46E-05	0.381508	-2.62118	0.0430092	0.727972	-1.37368	0.181886	0.824314	-1.21313	0.0673298	1.3225	1.3225
cg20747393	LIN9	0.00685399	0.461361	1.07765	1.07765	0.00205073	1.54217	1.54217	0.00333473	1.48946	1.48946	0.164346	0.862465	-1.15947	0.017684	1.3334	1.3334
cg00194886	LIN9	0.00879612	0.835881	1.04883	1.04883	0.00447888	0.418531	-2.38931	0.139415	0.693827	-1.44128	0.438618	0.833974	-1.19908	0.00183191	0.361545	-2.76591
cg26199493	LIN9	0.0242764	0.232055	0.841261	-1.18869	0.0110838	1.55158	1.55158	0.0103711	1.56086	1.56086	0.550493	0.92007	-1.08687	0.0276616	0.698334	-1.43198
cg04439128	LIN9	0.0310686	0.152487	1.5397	1.5397	0.720739	0.903857	-1.10637	0.358739	0.766623	-1.30442	0.174528	1.50188	1.50188	0.0544308	1.84886	1.84886
cg26397881	LIN9	0.0318301	0.381902	0.791349	-1.26367	0.0154054	2.17245	2.17245	0.74324	0.9178	-1.08956	0.284922	0.748377	-1.33622	0.270742	1.34882	1.34882
cg10778994	LIN9	0.0478797	0.134781	0.54914	-1.82103	0.614037	1.2081	1.2081	0.263482	1.54243	1.54243	0.201688	0.605794	-1.65073	0.0137166	0.322079	-3.10483
cg09522251	LINGO1	0.000230903	0.00124134	0.337686	-2.96133	0.00906777	0.466325	-2.14443	0.0168402	0.511254	-1.95598	0.000641358	0.299585	-3.33795	0.000202305	0.238371	-4.19514
cg12129249	LINGO1	0.0403104	0.0310645	1.99301	1.99301	0.662673	1.12705	1.12705	0.291283	1.34768	1.34768	0.67596	1.12136	1.12136	0.119542	1.58448	1.58448
cg14003886	LINGO2	0.00144652	0.00632957	0.520337	-1.92183	0.00933897	0.545606	-1.83283	0.000186303	0.313688	-3.18788	0.0583204	1.48165	1.48165	0.743372	1.06223	1.06223
cg14152465	LINGO2	0.00178733	0.000685003	0.200907	-4.97744	0.0010361	0.222355	-4.49731	0.0170216	0.406425	-2.46048	0.29467	0.714394	-1.39979	0.00159535	0.24618	-4.06207
cg24321347	LINGO3	0.000749618	0.00277142	2.88702	2.88702	0.000887763	3.59463	3.59463	0.00976929	2.31528	2.31528	0.0632969	1.71023	1.71023	0.000962584	3.53642	3.53642
cg23669034	LINGO3	0.000858832	0.00810024	0.679484	-1.47171	0.484584	0.92224	-1.08432	0.0043255	0.64747	-1.54447	0.110134	0.820001	-1.21951	0.980402	1.0028	1.0028
cg23671699	LINGO3	0.000974241	0.134886	0.721603	-1.3858	0.151099	0.732395	-1.36538	0.00540633	2.0984	2.0984	0.0221257	1.74262	1.74262	0.00516767	2.11148	2.11148
cg09370594	LINGO3	0.00310849	0.00266868	14.433	14.433	0.000566366	30.9736	30.9736	0.0564117	4.00841	4.00841	0.113298	3.02714	3.02714	0.0055013	10.441	10.441
cg25238537	LINGO3	0.00323916	0.0971739	0.573948	-1.74232	0.0669133	0.534489	-1.87095	0.0127687	0.389251	-2.56904	0.270499	0.704743	-1.41896	0.52603	0.822045	-1.21648
cg00378510	LINGO3	0.00434389	0.0259959	3.07193	3.07193	0.0678332	2.38398	2.38398	0.200193	1.77668	1.77668	0.211513	1.74902	1.74902	0.0218504	3.21767	3.21767
cg00835193	LINGO3	0.0044719	0.00424272	7.48337	7.48337	0.00421829	7.49908	7.49908	0.0103083	5.47271	5.47271	0.0627075	3.00822	3.00822	0.106257	2.52846	2.52846
cg17117171	LINGO3	0.00553348	0.512161	0.83402	-1.19901	0.0778191	0.585645	-1.70752	0.00490613	2.76673	2.76673	0.352491	1.2985	1.2985	0.0288787	2.02068	2.02068
cg01304499	LINGO3	0.00563223	0.325557	0.82915	-1.20605	0.00698968	1.90382	1.90382	0.0467178	0.656852	-1.52241	0.306728	0.822587	-1.21568	0.000848638	0.396285	-2.52343
cg13033578	LINGO3	0.00620437	0.0517591	0.397514	-2.51564	0.0237783	0.324801	-3.0788	0.0307752	0.34741	-2.87845	0.676643	0.839631	-1.191	0.328518	0.656847	-1.52242
cg21869609	LINGO3	0.0194269	0.0152929	21.4622	21.4622	0.0429427	11.0092	11.0092	0.133293	5.29926	5.29926	0.121475	5.63375	5.63375	0.275888	3.21274	3.21274
cg18796458	LINGO3	0.024713	0.0184958	0.466818	-2.14216	0.607379	1.14821	1.14821	0.658782	1.12582	1.12582	0.364621	1.282	1.282	0.595517	0.866865	-1.15358
cg01459807	LINGO3	0.0265767	0.0402478	3.8251	3.8251	0.0131379	5.70275	5.70275	0.104996	2.72616	2.72616	0.219219	2.07811	2.07811	0.0515197	3.50706	3.50706
cg01294327	LINGO3	0.0306932	0.0169982	13.7319	13.7319	0.0409132	8.36378	8.36378	0.0651405	6.4484	6.4484	0.0794812	5.76681	5.76681	0.202996	3.35228	3.35228
cg01799734	LINGO3	0.0388942	0.335289	0.671856	-1.48841	0.1363	0.525987	-1.90119	0.281416	1.56532	1.56532	0.100685	2.05381	2.05381	0.0824217	2.15987	2.15987
cg23000808	LINGO3	0.046339	0.271586	1.69376	1.69376	0.00694092	4.99453	4.99453	0.0813945	2.43363	2.43363	0.662589	1.22403	1.22403	0.798261	1.12516	1.12516
cg13563504	LINGO4	0.000494792	0.00302417	0.415708	-2.40554	0.00656826	2.14344	2.14344	0.456764	0.849011	-1.17784	0.612611	0.895585	-1.11659	0.000514674	0.310153	-3.22421
cg24586254	LINGO4	0.00175396	0.000218995	0.443414	-2.25523	0.399303	0.892352	-1.12063	0.302805	0.868586	-1.1513	0.560987	1.08068	1.08068	0.597032	0.932	-1.07296
cg03431165	LINGO4	0.00534844	0.28126	0.772677	-1.2942	0.151709	1.42432	1.42432	0.355707	1.24456	1.24456	0.0901816	1.53732	1.53732	0.00188644	0.362588	-2.75795
cg04278026	LINS1;LINS1;ASB7;ASB7;LINS1;LINS1	0.00202554	0.368657	0.914754	-1.09319	0.0155663	1.33144	1.33144	0.847931	1.0187	1.0187	0.988674	0.998631	-1.00137	0.0751594	1.21071	1.21071
cg25862684	LINS1;LINS1;LINS1;ASB7;ASB7;LINS1	0.0100671	0.0115094	6.59315	6.59315	0.034798	3.8207	3.8207	0.00907566	0.13265	-7.53865	0.036462	3.74274	3.74274	?	?	?
cg22692169	LINS1;LINS1;LINS1;ASB7;ASB7;LINS1	0.0268172	0.0638037	1.3761	1.3761	0.177585	0.802888	-1.2455	0.45142	0.889086	-1.12475	0.952865	1.0091	1.0091	0.00435043	0.557779	-1.79282
cg25365404	LIPA;LIPA	6.23E-07	0.503829	0.869666	-1.14987	0.505887	0.870268	-1.14907	0.345143	1.2216	1.2216	0.825122	1.04661	1.04661	0.031702	0.595461	-1.67937
cg12555086	LIPA;LIPA	0.0158432	0.317683	0.712402	-1.4037	0.479016	0.78956	-1.26653	0.00169374	0.229342	-4.3603	0.279743	0.691473	-1.44619	0.00571543	0.304296	-3.28627
cg20592345	LIPA;LIPA	0.0186186	0.50892	1.12467	1.12467	0.137302	0.755313	-1.32395	0.0140771	0.587752	-1.7014	0.151591	0.763839	-1.30918	0.241906	1.23958	1.23958
cg09993853	LIPA;LIPA	0.0338323	0.79321	1.06561	1.06561	0.0191428	0.50371	-1.98527	0.0399485	0.563077	-1.77596	0.199304	1.38824	1.38824	0.56931	1.14926	1.14926
cg13931663	LIPA;LIPA	0.0433372	0.0512482	0.664844	-1.50411	0.0341278	1.57565	1.57565	0.877014	1.02889	1.02889	0.698833	0.931001	-1.07411	0.0100183	0.549998	-1.81819
cg16609855	LIPA;LIPA;LIPA;LIPA	0.0182853	0.0087197	0.696668	-1.4354	0.892186	0.98544	-1.01477	0.0201982	0.738636	-1.35385	0.00206621	0.625489	-1.59875	0.86618	0.981924	-1.01841
cg12581682	LIPC	0.000580256	0.000217097	0.401484	-2.49076	0.0202853	0.661028	-1.5128	0.000280869	0.415395	-2.40735	0.0433846	1.4101	1.4101	0.054662	0.724382	-1.38049
cg20968717	LIPC	0.00272674	0.000423554	0.611657	-1.6349	0.00842691	0.743642	-1.34473	0.00526103	0.723275	-1.3826	0.652469	1.04072	1.04072	0.650431	1.04098	1.04098
cg02952984	LIPC	0.00967256	0.709928	0.906798	-1.10278	0.0220659	0.487294	-2.05215	0.0015343	0.303073	-3.29953	0.716631	0.908963	-1.10015	0.00172957	0.310252	-3.22319
cg01733599	LIPC	0.0145717	0.00687277	0.351843	-2.84218	0.0560145	0.52412	-1.90796	0.00507812	0.331036	-3.02082	0.263613	1.41597	1.41597	0.962986	1.01395	1.01395
cg16391792	LIPC	0.0163198	0.853097	0.970661	-1.03023	0.0327694	1.49369	1.49369	0.576547	0.913354	-1.09487	0.0148697	0.618001	-1.61812	0.104695	0.752102	-1.32961
cg24848787	LIPC	0.0278512	0.0694466	0.341016	-2.93241	0.00272322	0.111628	-8.95834	0.0173894	0.215638	-4.6374	0.362855	0.609309	-1.6412	0.144608	0.436008	-2.29354
cg09610311	LIPC	0.0427404	0.452993	0.842357	-1.18714	0.0207178	1.86819	1.86819	0.573238	0.880098	-1.13624	0.671996	1.10028	1.10028	0.0143887	0.50815	-1.96792
cg15190760	LIPC;LIPC	0.000366206	0.0693071	0.740717	-1.35004	0.00018046	0.392128	-2.55019	0.000346291	0.427337	-2.34007	0.0283297	0.682267	-1.4657	0.000291845	0.418033	-2.39216
cg24712354	LIPE	0.00103745	0.00296975	1.76062	1.76062	0.00593614	1.64742	1.64742	0.313591	1.15558	1.15558	0.000501594	2.12765	2.12765	0.10618	0.782862	-1.27736
cg03123424	LIPE	0.00219179	0.639905	0.960343	-1.04129	0.0352262	0.810072	-1.23446	0.048261	1.21389	1.21389	0.000193907	1.71367	1.71367	0.0735191	0.842526	-1.18691
cg05860115	LIPE	0.00643534	0.0579261	1.48996	1.48996	0.00999466	1.83126	1.83126	0.305405	1.21824	1.21824	0.00666234	1.92489	1.92489	0.377128	0.844866	-1.18362
cg03073402	LIPE	0.0225175	0.580907	0.853851	-1.17116	0.0929814	0.592329	-1.68825	0.00109508	0.255495	-3.91397	0.249484	0.711029	-1.40641	0.0552422	0.540224	-1.85108
cg23347273	LIPE	0.0444541	0.932592	0.98478	-1.01546	0.0557969	0.67512	-1.48122	0.0922253	0.714619	-1.39935	0.912068	0.980172	-1.02023	0.55	0.896147	-1.11589
cg15937191	LIPF	0.000240673	5.16E-05	0.207132	-4.82784	0.112125	1.43259	1.43259	0.000424346	0.313475	-3.19005	0.00317971	0.432919	-2.3099	0.964771	1.00922	1.00922
cg11231018	LIPF	0.0226435	0.198861	1.44301	1.44301	0.00185792	0.30331	-3.29695	0.094692	0.608879	-1.64236	0.614528	1.14702	1.14702	0.329664	0.762056	-1.31224
cg15073283	LIPG	0.000141069	0.000575785	0.38775	-2.57898	0.434708	0.867857	-1.15226	0.000637336	0.393516	-2.54119	0.0307562	1.57015	1.57015	1.17E-05	0.191744	-5.21529
cg27113059	LIPG	0.00489925	0.133124	0.757332	-1.32043	0.0836629	0.72006	-1.38877	0.0448826	0.673735	-1.48426	0.291659	0.828865	-1.20647	0.588853	1.09813	1.09813
cg20486897	LIPG	0.0279271	0.00113332	0.0594753	-16.8137	0.683789	1.27292	1.27292	0.799833	1.16151	1.16151	?	?	?	0.69838	0.794958	-1.25793
cg27631427	LIPG	0.0346454	0.0060406	0.630298	-1.58655	0.0393865	0.735856	-1.35896	0.0604504	0.761493	-1.31321	0.512213	0.91801	-1.08931	0.231523	0.850861	-1.17528
cg15677957	LIPG	0.0393779	0.0366793	0.299532	-3.33854	0.010086	5.01422	5.01422	0.464584	1.44721	1.44721	0.0473687	3.08522	3.08522	0.256604	0.555418	-1.80044
cg12611448	LIPH	0.00360475	0.0272022	0.437435	-2.28605	0.925936	0.971018	-1.02985	0.00444447	0.301041	-3.3218	0.159618	0.621666	-1.60858	0.00117813	0.22192	-4.50613
cg04513882	LIPH	0.0462143	0.0225397	2.17454	2.17454	0.171234	0.660847	-1.51321	0.0110436	0.403996	-2.47527	0.425595	0.793465	-1.2603	0.469172	1.23293	1.23293
cg08099797	LIPH;LIPH	0.00100136	0.00287162	0.388569	-2.57355	0.0224715	0.53251	-1.8779	0.000936871	0.320453	-3.12058	0.0581133	0.610394	-1.63829	0.000308236	0.259216	-3.85778
cg03865281	LIPJ	1.11E-07	0.00768882	0.805293	-1.24178	3.61E-06	0.503322	-1.9868	0.305683	1.06936	1.06936	0.394597	0.946365	-1.05668	4.48E-06	0.513082	-1.94901
cg05645316	LIPJ	8.19E-05	0.029835	0.627397	-1.59389	1.52E-05	0.195092	-5.1258	0.995963	1.00092	1.00092	7.14E-05	0.267119	-3.74365	0.628989	1.09285	1.09285
cg12537688	LIPJ	0.000251717	0.0203672	0.471535	-2.12073	0.00215865	0.314127	-3.18343	0.000380436	0.217406	-4.5997	0.0232934	2.07304	2.07304	1.83E-05	0.095333	-10.4896
cg06210915	LIPJ;LIPJ	0.000260534	0.000245655	0.191924	-5.2104	0.000237105	0.190271	-5.25566	0.000349989	0.208895	-4.78709	0.158603	0.663242	-1.50775	0.000769642	0.249652	-4.00558
cg04188986	LIPK	6.45E-06	0.00017461	0.515064	-1.9415	0.0952418	1.21041	1.21041	0.491113	1.07558	1.07558	0.829634	0.977802	-1.0227	0.00216915	0.638736	-1.56559
cg18783033	LIPK	0.0108489	0.0246295	2.71857	2.71857	0.00480654	4.04801	4.04801	0.025704	2.6915	2.6915	0.879273	0.944783	-1.05844	0.010956	3.2973	3.2973
cg06225999	LIPK	0.0259464	0.107792	1.78531	1.78531	0.0601109	2.01454	2.01454	0.769861	0.907658	-1.10174	0.117075	1.75464	1.75464	0.040718	2.18211	2.18211
cg25907743	LIPN	0.0224412	0.256488	0.758049	-1.31918	0.398752	0.81705	-1.22392	0.00140145	0.338856	-2.9511	0.0396873	0.573336	-1.74418	0.60395	0.884802	-1.1302
cg26064155	LIPT1;LIPT1;LIPT1;LIPT1;LIPT1;TSGA10	0.0218754	0.0277839	0.316276	-3.1618	0.0119058	0.168625	-5.93033	0.156078	0.646609	-1.54653	0.0207004	0.261599	-3.82264	0.00364224	0.0392206	-25.4968
cg27306873	LIPT1;LIPT1;LIPT1;LIPT1;LIPT1;TSGA10	0.0371936	0.933446	0.989674	-1.01043	0.0066409	0.64546	-1.54928	0.434536	1.10417	1.10417	0.471642	0.913024	-1.09526	0.0522059	0.760004	-1.31578
cg19904411	LIPT1;LIPT1;LIPT1;LIPT1;TSGA10;LIPT1	0.000187371	0.00271283	0.542941	-1.84182	0.0190276	1.5199	1.5199	0.0293076	1.46024	1.46024	6.46E-06	4.40371	4.40371	0.261461	0.841396	-1.1885
cg06240854	LIPT1;LIPT1;LIPT1;LIPT1;TSGA10;LIPT1	0.0126482	0.00556772	0.159803	-6.2577	0.0188728	4.18806	4.18806	0.119085	2.34402	2.34402	0.134916	2.25158	2.25158	0.100119	0.403627	-2.47754

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26342671	1.44E-05	26.4889	26.4889	3.53E-07	208.186	208.186	0.212651	0.620891	-1.61059	1.17E-06	96.7195	96.7195	54.7925	114.403	1.85593	1
cg07262244	0.360619	1.28658	1.28658	0.00757796	0.398144	-2.51166	0.898724	0.966436	-1.03473	0.010392	2.37562	2.37562	6.54376	7.45064	1.01208	1
cg08385249	0.239339	1.2888	1.2888	0.00274268	0.426911	-2.34241	0.723276	0.929411	-1.07595	0.908032	1.02408	1.02408	5.3239	3.57491	0.596875	1
cg01761729	0.763027	1.08029	1.08029	0.0267695	1.95459	1.95459	0.0482903	1.77954	1.77954	0.269509	0.745514	-1.34136	6.75001	6.97339	0.918306	1
cg15781838	0.0873351	0.532464	-1.87806	0.38307	1.34805	1.34805	0.862284	1.05969	1.05969	0.0114445	0.347647	-2.87648	5.9608	10.5249	1.56949	1
cg19326543	0.0235219	0.429501	-2.32828	0.309637	1.38884	1.38884	0.43274	1.28418	1.28418	0.192468	0.649878	-1.53875	5.2356	8.09336	1.37407	1
cg21901488	0.654266	0.904884	-1.10511	0.0535664	1.62593	1.62593	0.130103	1.43695	1.43695	0.448774	1.18667	1.18667	3.69068	2.87357	0.692091	1
cg17976576	0.00125892	7.68087	7.68087	1.50E-06	195.967	195.967	0.0929233	0.449149	-2.22643	1.41E-05	50.3667	50.3667	30.2225	89.735	2.63924	1
cg17040753	0.0521227	3.09346	3.09346	0.000376988	18.2651	18.2651	0.0102458	5.22938	5.22938	0.106837	2.45942	2.45942	5.58184	23.099	3.67844	1
cg04985610	0.0331692	0.262148	-3.81464	0.00722223	0.155066	-6.44886	0.496354	0.689808	-1.44968	0.0221754	0.228923	-4.36828	6.12641	28.0484	4.06957	1
cg07023131	0.971664	0.99211	-1.00795	0.000859378	3.05338	3.05338	0.589833	1.12905	1.12905	0.850878	1.04287	1.04287	3.92407	3.09109	0.700201	1
cg19706817	0.31804	0.59174	-1.68993	0.886041	1.07563	1.07563	0.0308958	3.62727	3.62727	0.264083	1.80727	1.80727	4.11145	16.83	3.63863	1
cg15317722	0.231697	1.45804	1.45804	0.000210282	0.155165	-6.44476	0.179647	1.53486	1.53486	0.5984	0.852332	-1.17325	13.1658	18.8438	1.27224	1
cg25992775	0.114621	1.23673	1.23673	0.0102606	1.49274	1.49274	0.641846	0.943649	-1.05972	0.378439	1.1184	1.1184	8.99924	2.18528	0.215849	1
cg18294116	0.946714	0.99062	-1.00947	0.161327	1.23481	1.23481	0.600103	1.07744	1.07744	0.00181991	1.86804	1.86804	7.90543	2.48922	0.279889	1
cg17728974	0.653733	0.877168	-1.14003	0.00133098	0.237018	-4.21909	0.0130475	0.396744	-2.52052	0.365586	0.762871	-1.31084	5.68003	7.40411	1.01386	1
cg17119521	0.223732	0.609993	-1.63936	0.233835	0.617138	-1.62038	0.0283123	0.367447	-2.72148	0.593634	0.811987	-1.23155	4.55641	10.7916	2.10529	1
cg05068322	0.381378	0.760147	-1.31554	0.0105166	2.67343	2.67343	0.06726	0.534506	-1.87089	0.448554	1.26606	1.26606	3.99671	5.90602	1.31353	1
cg04560456	0.997047	1.00123	1.00123	0.0983943	0.548867	-1.82193	0.0428062	0.462245	-2.16336	0.175371	0.620669	-1.61116	3.84421	6.66922	1.54211	1
cg14253932	0.18303	0.897518	-1.11418	0.958416	0.996018	-1.004	0.0281363	0.820022	-1.21948	0.00122425	1.43615	1.43615	12.6293	1.17139	0.0824465	1
cg21194918	0.193113	0.823567	-1.21423	0.0222508	0.67964	-1.47137	0.151469	1.24187	1.24187	0.0430911	1.38823	1.38823	7.64826	2.40622	0.279653	1
cg21561596	0.899552	1.0204	1.0204	0.000777142	0.443385	-2.25538	0.184588	0.798455	-1.25242	0.460547	1.12768	1.12768	4.61677	1.87048	0.360133	1
cg26891649	0.053103	0.6922	-1.44467	0.724283	1.06108	1.06108	0.109468	1.33927	1.33927	0.0438564	1.47368	1.47368	4.00373	1.77682	0.394482	1
cg26102253	0.233001	1.18918	1.18918	8.86E-07	0.163895	-6.10148	0.0349399	0.711404	-1.40567	0.00980367	0.636118	-1.57203	38.7998	11.7954	0.270229	1
cg23171812	0.26017	0.765347	-1.3066	0.000736834	3.21409	3.21409	0.00106832	3.00676	3.00676	0.0165074	1.94826	1.94826	7.73739	6.35315	0.729864	1
cg02207491	0.00753505	1.34398	1.34398	0.0592323	1.20095	1.20095	0.4466	0.935478	-1.06897	0.849756	1.01644	1.01644	7.39265	0.865472	0.104064	1
cg23582405	0.475932	0.920257	-1.08665	0.0112929	0.695058	-1.43873	0.218898	1.15979	1.15979	0.0121111	1.43128	1.43128	6.99867	1.45677	0.185022	1
cg11801651	0.662617	0.886204	-1.12841	0.0278765	0.489142	-2.0444	0.0618613	1.78364	1.78364	0.138056	1.55182	1.55182	6.98967	8.38276	1.06605	1
cg09194436	0.0164619	0.666944	-1.49938	0.873949	0.978297	-1.02218	0.0552418	0.740571	-1.35031	0.0491319	1.36396	1.36396	5.84154	1.76704	0.268886	1
cg01814911	0.00303681	0.435955	-2.29381	0.108691	1.42998	1.42998	0.165148	1.35344	1.35344	0.569835	0.889223	-1.12458	5.72056	3.78599	0.588286	1
cg18737667	0.107172	0.886517	-1.12801	0.00409625	0.768106	-1.3019	0.095533	0.88212	-1.13363	0.272728	0.924786	-1.08133	4.97779	0.369885	0.0660507	1
cg06596719	0.120399	0.650802	-1.53657	0.412771	0.807738	-1.23803	0.0104584	0.439636	-2.27461	0.464738	0.827188	-1.20891	3.87139	3.98656	0.915332	1
cg09998692	0.0758967	1.16486	1.16486	0.00014814	0.604191	-1.65511	0.895148	1.01024	1.01024	0.0402157	0.832679	-1.20094	7.48163	0.707123	0.0840129	1
cg16324579	0.0293388	0.508889	-1.96507	0.00204364	3.2527	3.2527	0.107305	1.57921	1.57921	0.240808	0.728244	-1.37317	5.87424	5.98894	0.792965	1
cg01882498	0.0177249	0.333171	-3.00146	0.00721578	0.266741	-3.74895	0.0411039	0.407301	-2.45519	0.8627	1.0682	1.0682	3.88519	8.93791	2.0449	1
cg12857786	0.0372304	0.654759	-1.52728	0.58989	0.909108	-1.09998	0.780788	0.952319	-1.05007	0.0110915	1.74667	1.74667	4.18457	2.03247	0.431738	1
cg27187586	3.15E-05	0.0951511	-10.5096	0.103945	0.597174	-1.67455	0.662975	1.1356	1.1356	0.632127	1.15012	1.15012	9.10413	12.1242	1.18376	1
cg06019050	0.00470171	1.8958	1.8958	0.0303871	1.54233	1.54233	0.0211056	1.60354	1.60354	0.312312	0.836976	-1.19478	8.2742	3.7991	0.408133	1
cg10724425	0.363163	0.759245	-1.3171	?	?	?	0.00140902	0.256031	-3.90578	0.0393442	0.495313	-2.01893	8.00067	9.7827	1.22274	1
cg10606544	0.307406	1.17135	1.17135	0.103599	1.30532	1.30532	0.187956	0.811513	-1.23227	0.657631	0.935414	-1.06905	5.56577	1.97517	0.315447	1
cg17135955	0.261315	0.861367	-1.16095	0.00257127	1.7032	1.7032	0.459928	0.908602	-1.10059	0.287504	0.868762	-1.15106	4.58851	1.1794	0.228475	1
cg23419974	0.199567	1.28268	1.28268	0.0153741	1.72697	1.72697	0.15765	0.757653	-1.31987	0.852995	0.966502	-1.03466	3.40943	1.82191	0.474998	1
cg11136111	0.000465599	0.257929	-3.87704	3.82E-06	0.0704125	-14.202	0.438888	1.21455	1.21455	0.0422916	0.562229	-1.77864	18.9469	18.1875	0.853262	1
cg19347790	0.0215126	0.405551	-2.46578	6.95E-06	0.0386421	-25.8785	0.733743	1.11805	1.11805	0.213944	0.652019	-1.5337	14.6857	24.8457	1.50385	1
cg26841483	0.278561	0.67754	-1.47593	8.28E-06	0.0347312	-28.7926	0.806421	1.08853	1.08853	0.0943255	0.52969	-1.8879	12.2715	23.2023	1.68067	1
cg17061244	0.0227901	0.604172	-1.65516	5.78E-05	0.251839	-3.97078	0.00689994	0.523782	-1.90919	0.395697	0.851427	-1.1745	8.10869	4.39126	0.481378	1
cg25024670	0.125126	0.327353	-3.05481	0.0357505	0.193246	-5.17475	0.357316	0.528958	-1.89051	0.461363	0.603827	-1.6561	6.02935	43.2152	6.37109	1
cg05647859	0.520592	0.64603	-1.54792	0.000738074	0.0320839	-31.1683	0.690877	0.764772	-1.30758	0.842696	1.1426	1.1426	5.22079	33.0846	6.33709	1
cg20495052	0.648746	0.844447	-1.18421	0.0172773	0.343284	-2.91304	0.0345857	0.403145	-2.4805	0.506145	1.28236	1.28236	3.65586	7.87	1.91352	1
cg03566513	0.453062	0.680817	-1.46882	0.00250489	0.121006	-8.26408	0.149661	2.17484	2.17484	0.292363	1.73234	1.73234	3.40715	13.6516	3.56155	1
cg16875169	2.86E-06	0.0315816	-31.664	0.165888	0.633911	-1.57751	0.499148	0.809247	-1.23572	0.0816184	1.81376	1.81376	17.0389	25.6835	1.33986	1
cg03630273	0.282634	0.830517	-1.20407	0.0442152	0.680806	-1.46885	0.445031	1.13826	1.13826	0.409207	1.15073	1.15073	7.46347	3.27058	0.389521	1
cg15163247	0.364388	0.920272	-1.08664	0.000869782	0.640615	-1.561	0.569813	0.950087	-1.05253	0.765992	1.02696	1.02696	4.26787	0.537124	0.111869	1
cg00430945	0.0735125	0.788389	-1.26841	0.00285984	0.613221	-1.63073	0.185619	1.18205	1.18205	0.735732	1.04119	1.04119	3.80262	0.855141	0.199895	1
cg14765649	0.595941	0.905921	-1.10385	0.226663	0.791074	-1.26411	0.647968	0.918628	-1.08858	0.00434586	2.02098	2.02098	3.73759	2.01782	0.479885	1
cg10667338	0.0428854	0.307849	-3.24835	0.0075649	0.176037	-5.68061	0.0286802	0.271227	-3.68695	0.0987075	0.400379	-2.49763	3.38962	13.7212	3.59823	1
cg16504397	0.0173607	0.281518	-3.55218	0.0226027	0.302835	-3.30213	0.932851	1.03756	1.03756	0.00374285	0.18038	-5.54385	9.24742	28.0378	2.69507	1
cg24924243	0.00420533	0.695381	-1.43806	0.0334879	0.790237	-1.26544	0.898008	0.987921	-1.01223	0.488754	1.06892	1.06892	9.14283	1.30047	0.126435	1
cg25227335	0.030234	0.747075	-1.33855	0.00141466	0.589357	-1.69676	0.00219883	0.611824	-1.63446	0.00350491	0.635576	-1.57338	8.95123	1.85671	0.184378	1
cg05795005	0.857756	1.03317	1.03317	0.00120385	0.422038	-2.36945	0.470243	1.14295	1.14295	0.0365978	1.55549	1.55549	5.59755	2.93291	0.465745	1
cg02947993	0.24495	0.857804	-1.16577	0.0207098	0.703804	-1.42085	0.963219	0.994201	-1.00583	0.162631	1.20681	1.20681	3.40711	0.858169	0.22389	1
cg04208928	0.00171873	0.360495	-2.77396	5.53E-05	0.180731	-5.53309	0.00759278	0.457053	-2.18793	0.0616853	0.618831	-1.61595	17.411	14.3393	0.732068	1
cg23911417	0.0114928	0.649808	-1.53892	0.000490824	2.10529	2.10529	0.27286	1.16836	1.16836	0.691965	1.0558	1.0558	13.4043	3.94658	0.261713	1
cg20747393	0.336116	1.10396	1.10396	0.0326487	0.77934	-1.28314	0.0541474	1.24353	1.24353	0.706591	1.03843	1.03843	6.65871	1.04874	0.14	1
cg00194886	0.658806	0.902918	-1.10752	0.232519	0.749969	-1.33339	0.866149	0.961973	-1.03953	0.000945572	0.322075	-3.10487	6.15694	5.15003	0.743519	1
cg26199493	0.0758358	0.761471	-1.31325	0.994984	1.00087	1.00087	0.764094	1.04238	1.04238	0.640913	0.93727	-1.06693	4.4019	1.32601	0.267765	1
cg04439128	0.130771	1.5833	1.5833	0.00266515	0.310399	-3.22166	0.90111	1.03563	1.03563	0.361763	1.30213	1.30213	4.03624	5.06954	1.11645	1
cg26397881	0.151522	0.669648	-1.49332	0.00461325	0.373917	-2.67439	0.120059	0.643992	-1.55281	0.382446	0.791571	-1.26331	4.00149	4.31558	0.95866	1
cg10778994	0.406013	0.729036	-1.37167	0.00720784	0.275467	-3.63021	0.0521914	0.439988	-2.27279	0.855567	0.934506	-1.07008	3.44423	7.53902	1.94567	1
cg09522251	4.55E-05	0.169683	-5.89333	0.000592135	0.295128	-3.38836	0.0473001	0.593283	-1.68554	0.000152856	0.224552	-4.4533	17.6681	14.8079	0.74499	1
cg12129249	0.316927	0.754347	-1.32565	0.00382243	2.89385	2.89385	0.754078	0.917936	-1.0894	0.0945475	0.606091	-1.64992	3.67266	4.3185	1.0452	1
cg14003886	0.741235	1.06279	1.06279	0.00724911	1.89006	1.89006	0.2097	1.275	1.275	0.663164	1.08387	1.08387	10.5896	5.66372	0.475411	1
cg14152465	0.0030492	0.284829	-3.51088	0.00253693	0.273492	-3.65641	0.00677831	0.33761	-2.962	0.0064973	0.334661	-2.9881	9.96217	15.1084	1.34807	1
cg24321347	0.00302943	2.84044	2.84044	0.00013248	5.49103	5.49103	0.000558	3.95735	3.95735	0.0147182	2.16284	2.16284	12.7634	13.3451	0.929401	1
cg23669034	0.26658	1.14102	1.14102	1.87E-05	0.370462	-2.69933	0.0115404	0.69766	-1.43336	0.870261	0.981543	-1.0188	12.284	2.527	0.182857	1
cg23671699	0.0574041	1.54508	1.54508	0.010594	1.91691	1.91691	0.00246952	2.34441	2.34441	9.26E-05	4.10511	4.10511	11.8539	7.693	0.576876	1
cg09370594	0.0073236	9.22785	9.22785	0.00107708	22.2751	22.2751	0.0129578	7.25932	7.25932	0.308123	1.96998	1.96998	8.46827	55.4055	5.81575	1
cg25238537	0.102387	1.72488	1.72488	0.450423	1.26433	1.26433	0.597442	1.17649	1.17649	0.000171435	7.01201	7.01201	8.36508	12.3238	1.30955	1
cg00378510	0.0121894	3.76851	3.76851	0.000106793	18.2415	18.2415	0.00709131	4.38244	4.38244	0.198236	1.78164	1.78164	7.65925	21.8831	2.53963	1
cg00835193	0.016309	4.68495	4.68495	0.00055189	16.7782	16.7782	0.00345025	8.07176	8.07176	0.315709	1.7255	1.7255	7.59213	33.2508	3.89301	1
cg17117171	0.00133568	3.57225	3.57225	0.0317624	1.98817	1.98817	0.447769	1.23519	1.23519	0.00419448	2.84931	2.84931	7.11428	8.39818	1.0493	1
cg01304499	0.877011	0.971821	-1.029	0.0187621	0.5912	-1.69148	0.016833	0.583731	-1.71312	0.143429	0.748128	-1.33667	7.07572	3.81737	0.479558	1
cg13033578	0.0636942	2.38402	2.38402	0.923077	1.04107	1.04107	0.865466	1.07322	1.07322	0.00059176	9.12543	9.12543	6.86771	18.8915	2.44513	1
cg21869609	0.0733855	7.81234	7.81234	0.00141613	116.329	116.329	0.00566681	41.9857	41.9857	0.149546	4.90913	4.90913	4.7512	79.7845	14.9267	1
cg18796458	0.0133316	2.26494	2.26494	0.00443703	0.363349	-2.75217	0.838626	0.947076	-1.05588	0.891745	0.96434	-1.03698	4.37476	4.92691	1.00108	1
cg01459807	0.258732	1.94855	1.94855	0.00328108	9.66232	9.66232	0.00739087	7.05595	7.05595	0.107716	2.70128	2.70128	4.26522	21.6493	4.51181	1
cg01294327	0.145519	4.08275	4.08275	0.00334228	36.4056	36.4056	0.0113288	17.3608	17.3608	0.694414	1.42676	1.42676	4.05377	52.0165	11.4059	1
cg01799734	0.212665	1.69111	1.69111	0.0647328	2.29421	2.29421	0.0307435	2.76125	2.76125	0.00804492	3.89215	3.89215	3.72129	9.44254	2.2555	1
cg23000808	0.0444007	2.8951	2.8951	0.00891818	4.62694	4.62694	0.0283129	3.29367	3.29367	0.488926	1.3822	1.3822	3.48695	11.707	2.98433	1
cg13563504	0.000471669	0.305317	-3.27529	0.000350827	0.28917	-3.45817	0.715741	0.924053	-1.08219	0.00378871	0.430173	-2.32465	14.3321	10.5877	0.656657	1
cg24586254	0.136844	1.23556	1.23556	0.000409758	2.0975	2.0975	0.993476	1.00108	1.00108	0.187241	0.831522	-1.20261	10.0167	2.76391	0.24527	1
cg03431165	0.364344	0.806812	-1.23945	0.0287153	0.552018	-1.81153	0.0535033	1.65703	1.65703	0.00259126	0.382383	-2.61518	7.18892	6.03811	0.746595	1
cg04278026	0.308845	0.903361	-1.10698	4.67E-05	0.476519	-2.09855	0.712206	1.0364	1.0364	0.790283	1.02605	1.02605	9.60631	1.4167	0.13109	1
cg25862684	?	?	?	0.0574413	3.08775	3.08775	0.00564991	10.0633	10.0633	0.0153133	5.66071	5.66071	14.9222	32.9852	1.26313	1
cg22692169	0.258069	1.1982	1.1982	0.0217217	1.52526	1.52526	0.184627	1.24061	1.24061	0.835927	1.03229	1.03229	4.25178	1.58092	0.330512	1
cg25365404	0.492713	1.15421	1.15421	4.21E-09	0.00489572	-204.26	0.519976	0.874365	-1.14369	0.0519922	0.63438	-1.57634	82.7232	55.5199	0.59658	1
cg12555086	0.921578	1.03286	1.03286	0.016082	0.380166	-2.63043	0.146583	1.66793	1.66793	0.202922	0.643196	-1.55474	5.08763	8.68574	1.51754	1
cg20592345	0.361967	1.17857	1.17857	0.00507792	1.91456	1.91456	0.0350206	0.650051	-1.53834	0.533255	0.895253	-1.117	4.81996	2.34705	0.432839	1
cg09993853	0.0598931	1.67113	1.67113	0.0329978	1.82779	1.82779	0.106768	0.653153	-1.53103	0.808924	0.943085	-1.06035	3.91481	3.62758	0.823671	1
cg13931663	0.651621	0.919813	-1.08718	0.0472193	0.658657	-1.51824	0.916194	1.01955	1.01955	0.0968557	0.715232	-1.39815	3.57544	1.91499	0.476085	1
cg16609855	0.513205	0.930794	-1.07435	0.536487	1.07004	1.07004	0.202157	1.15679	1.15679	0.452286	1.08634	1.08634	4.8494	0.898379	0.164672	1
cg12581682	0.00253165	0.537951	-1.85891	0.445514	0.891329	-1.12192	0.0503341	0.718914	-1.39099	0.000374919	0.431117	-2.31956	13.7112	4.75184	0.308059	1
cg20968717	0.0551539	1.21095	1.21095	0.221028	1.11992	1.11992	0.0692017	1.19599	1.19599	0.25294	1.11084	1.11084	8.80372	1.08063	0.109109	1
cg02952984	0.0472408	0.551841	-1.81212	0.00955573	0.423423	-2.3617	0.247256	0.728483	-1.37272	0.0429482	0.543358	-1.84041	5.97381	6.48744	0.965316	1
cg01733599	0.129549	0.613355	-1.63038	0.225571	1.46206	1.46206	0.309307	1.36893	1.36893	0.0719673	1.82119	1.82119	5.2305	7.37946	1.25409	1
cg16391792	0.013181	0.610369	-1.63835	0.485813	1.1205	1.1205	0.197029	0.803243	-1.24495	0.00488286	0.549172	-1.82092	5.03769	2.05906	0.363316	1
cg24848787	0.106902	0.393592	-2.5407	0.00604224	0.149598	-6.68458	0.107415	0.394224	-2.53663	0.665197	0.794016	-1.25942	4.19565	18.6482	3.95081	1
cg09610311	0.121903	0.686435	-1.4568	0.688265	1.09473	1.09473	0.102991	0.670141	-1.49222	0.0398731	0.586791	-1.70419	3.59393	2.8662	0.708898	1
cg15190760	0.00152731	0.509738	-1.96179	0.000124579	0.372424	-2.68511	0.00218347	0.530016	-1.88674	0.00841304	0.608294	-1.64394	15.5742	5.38101	0.307118	1
cg24712354	0.496509	0.908657	-1.10053	0.00507059	1.67203	1.67203	0.000245868	2.31723	2.31723	0.976261	1.00414	1.00414	11.6444	3.54992	0.270986	1
cg03123424	0.203295	1.12224	1.12224	0.00258628	1.43134	1.43134	0.0498305	1.21182	1.21182	0.769908	1.02551	1.02551	9.38755	1.09651	0.103826	1
cg05860115	0.0557316	1.49662	1.49662	0.000306514	2.97554	2.97554	0.158215	1.32394	1.32394	0.0515756	1.51008	1.51008	6.7904	3.72105	0.487099	1
cg03073402	0.237781	1.41966	1.41966	0.0885521	0.587204	-1.70299	0.217042	0.692098	-1.44488	0.227891	1.43139	1.43139	4.51772	5.74477	1.13032	1
cg23347273	0.0752028	0.698249	-1.43215	0.00129043	0.42731	-2.34022	0.825939	0.960856	-1.04074	0.949349	1.01158	1.01158	3.54166	1.84371	0.462735	1
cg15937191	0.002582	0.419786	-2.38216	0.6397	1.10294	1.10294	0.00461392	2.18879	2.18879	0.00550279	0.468429	-2.13479	17.47	11.9481	0.60793	1
cg11231018	0.987532	0.995788	-1.00423	0.736803	1.0954	1.0954	0.807519	1.06815	1.06815	0.00731521	0.392925	-2.54501	4.50905	5.2107	1.02721	1
cg15073283	0.626274	1.09119	1.09119	0.980309	0.995621	-1.0044	0.000328332	0.356385	-2.80595	0.0123862	0.574883	-1.73948	20.188	10.1097	0.445136	1
cg27113059	0.901109	0.9789	-1.02155	0.000280229	0.360903	-2.77083	0.275812	1.21467	1.21467	0.0109965	1.72855	1.72855	7.38431	3.44165	0.41429	1
cg20486897	0.549924	1.42828	1.42828	0.023519	0.203084	-4.92407	0.223882	0.470964	-2.12331	0.856661	0.898934	-1.11243	4.26318	20.8411	4.88862	1
cg27631427	0.370797	1.12555	1.12555	0.212753	0.8446	-1.18399	0.875901	1.02032	1.02032	0.0435082	1.34819	1.34819	3.8814	1.01819	0.233177	1
cg15677957	0.127193	2.2686	2.2686	0.584143	1.31587	1.31587	0.0621305	2.83753	2.83753	0.870294	1.08454	1.08454	3.70444	14.4692	3.47193	1
cg12611448	0.0398746	0.471694	-2.12002	0.000463512	0.175132	-5.70997	0.497448	1.24346	1.24346	0.0204983	0.413509	-2.41833	8.10193	12.8383	1.40853	1
cg04513882	0.764254	1.08928	1.08928	0.248154	1.40957	1.40957	0.0677434	1.78934	1.78934	0.81692	1.06816	1.06816	3.49049	4.46958	1.13822	1
cg08099797	0.12905	0.685182	-1.45947	0.000357031	0.266946	-3.74607	0.200154	1.36607	1.36607	0.00690038	0.446604	-2.23912	11.762	9.89718	0.747959	1
cg03865281	0.00674605	0.800869	-1.24864	3.10E-09	0.182929	-5.46659	0.00026892	1.45923	1.45923	7.14E-07	0.427973	-2.3366	128.291	8.12174	0.0562732	1
cg05645316	0.000267985	0.336	-2.97619	0.000672112	0.387268	-2.58219	0.184055	0.773379	-1.29303	6.12E-05	0.259489	-3.85372	23.3545	12.3016	0.468209	1
cg12537688	0.00693911	0.390895	-2.55823	0.727075	1.0988	1.0988	0.00836725	0.404171	-2.4742	0.0096167	0.414234	-2.41409	17.2578	19.7609	1.01782	1
cg06210915	0.00210804	0.307846	-3.24837	0.000215146	0.185778	-5.38276	0.62283	0.873646	-1.14463	0.000386159	0.213757	-4.6782	17.0965	20.1032	1.04522	1
cg04188986	7.74E-08	0.155546	-6.42896	0.712879	1.03925	1.03925	0.440185	1.08546	1.08546	0.148124	0.850768	-1.17541	45.4522	7.81217	0.152779	1
cg18783033	0.0395237	2.43466	2.43466	0.00206114	5.06297	5.06297	0.021796	2.79778	2.79778	0.0574395	2.23233	2.23233	5.75811	12.7355	1.96599	1
cg06225999	0.0190808	2.55234	2.55234	0.00203139	4.20795	4.20795	0.0333456	2.27352	2.27352	0.0637247	1.99052	1.99052	4.30117	7.43048	1.5356	1
cg25907743	0.271039	1.30735	1.30735	0.196133	1.3767	1.3767	0.679746	1.10195	1.10195	0.0330071	0.558162	-1.7916	4.52299	3.9183	0.770051	1
cg26064155	0.036166	0.367	-2.7248	?	?	?	?	?	?	0.0462227	0.414919	-2.41011	45.069	18.9162	0.119919	1
cg27306873	0.493544	0.917217	-1.09025	0.00309486	0.604681	-1.65377	0.408354	0.900239	-1.11082	0.914841	0.986795	-1.01338	3.78266	0.925249	0.217425	1
cg19904411	0.0592831	1.36889	1.36889	0.0183043	0.655561	-1.52541	0.908159	0.983126	-1.01716	0.923569	0.985949	-1.01425	18.6988	6.4402	0.30615	1
cg06240854	0.915201	1.0551	1.0551	0.0902433	0.390553	-2.56047	0.598428	1.30688	1.30688	0.0167895	0.23001	-4.34764	5.47897	22.0063	3.57023	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06010111	LIPT1;LIPT1;TSGA10;LIPT1;LIPT1;LIPT1	0.00168653	0.00626047	0.544473	-1.83664	0.00574554	0.539123	-1.85486	0.00152383	0.458917	-2.17904	0.021767	0.625016	-1.59996	0.198794	0.793158	-1.26078
cg09787394	LIPT1;LIPT1;TSGA10;LIPT1;LIPT1;LIPT1	0.006584	0.839478	0.971061	-1.0298	0.770257	0.958486	-1.04331	0.945886	1.00988	1.00988	0.00131356	1.96811	1.96811	0.168149	1.23696	1.23696
cg04630321	LIPT2	0.00164415	0.00152487	0.364029	-2.74704	0.379829	1.22078	1.22078	0.0806057	1.53586	1.53586	0.00103543	0.340964	-2.93286	0.00211718	0.38414	-2.60322
cg26510996	LIPT2	0.00788374	0.0526119	0.686189	-1.45732	0.924326	0.983893	-1.01637	0.611245	1.09157	1.09157	0.630179	0.920428	-1.08645	0.111272	0.74342	-1.34514
cg01074628	LIPT2	0.0378585	0.25449	1.2637	1.2637	0.0646701	0.664845	-1.50411	0.0321072	0.610293	-1.63856	0.328989	1.21918	1.21918	0.325953	1.2208	1.2208
cg03071793	LITAF	0.000369256	0.00156143	0.378992	-2.63858	0.0987518	0.679512	-1.47164	0.00694014	0.474448	-2.10771	0.01803	0.541609	-1.84635	0.000281908	0.281704	-3.54982
cg05205532	LITAF;LITAF;LITAF;LITAF	0.00220674	0.281591	0.806442	-1.24001	0.0151568	0.563517	-1.77457	0.0184693	0.577313	-1.73216	0.242441	0.790434	-1.26513	0.000862997	0.382298	-2.61576
cg09160589	LITAF;LITAF;LITAF;LITAF	0.0332377	0.516232	1.20486	1.20486	0.00216404	3.38319	3.38319	0.669971	1.12906	1.12906	0.0533513	0.537181	-1.86157	0.41342	0.789193	-1.26712
cg08268266	LITAF;LITAF;LITAF;LITAF	0.0352364	0.0109884	0.0651051	-15.3598	0.873285	1.1335	1.1335	0.358701	2.11326	2.11326	?	?	?	0.200515	0.338719	-2.9523
cg07994696	LITAF;LITAF;LITAF;LITAF;LITAF	0.0332175	0.223918	1.91334	1.91334	0.0919488	2.56548	2.56548	0.492782	0.702048	-1.4244	0.437392	1.49528	1.49528	0.944676	0.96537	-1.03587
cg02548368	LIX1	0.00113096	0.331328	1.1714	1.1714	0.000246083	0.384464	-2.60102	0.0132777	0.616124	-1.62305	0.0570052	0.711829	-1.40483	0.0192127	0.639476	-1.56378
cg10420838	LIX1	0.00477761	0.0407224	0.454108	-2.20212	0.00264089	0.248996	-4.01614	0.160496	0.605953	-1.65029	0.846498	1.0669	1.0669	0.0156511	0.371545	-2.69146
cg24555286	LIX1	0.0311218	0.00863945	0.284297	-3.51745	0.10085	0.509125	-1.96415	0.203525	0.603996	-1.65564	0.0417837	0.414161	-2.41452	0.00256896	0.207939	-4.8091
cg22026450	LIX1L	0.00225168	0.00176512	0.296977	-3.36726	0.370474	0.778284	-1.28488	0.26983	0.731115	-1.36777	0.703608	0.901059	-1.10981	0.0446604	0.533496	-1.87443
cg18380917	LIX1L	0.0103947	0.0077088	0.235501	-4.24626	0.253994	0.604618	-1.65394	0.390973	0.689854	-1.44958	0.24576	1.66993	1.66993	0.000730638	0.114315	-8.74776
cg19930199	LIX1L	0.0153678	0.103833	0.763987	-1.30892	0.424793	0.883936	-1.1313	0.427574	0.884618	-1.13043	0.0464943	1.41217	1.41217	0.598869	1.08366	1.08366
cg05598845	LIX1L	0.0155991	0.726679	0.934973	-1.06955	0.435289	0.858549	-1.16476	0.915627	0.9799	-1.02051	0.338555	0.827776	-1.20806	0.477487	1.14841	1.14841
cg09666237	LLGL1	4.55E-06	7.53E-07	0.418907	-2.38716	0.955326	0.99635	-1.00366	0.780307	1.01842	1.01842	0.149951	0.904168	-1.10599	2.24E-05	0.57409	-1.74189
cg15816084	LLGL1	0.00014781	0.778178	1.07181	1.07181	0.00256363	0.358099	-2.79252	0.179439	0.704582	-1.41928	0.186186	1.41079	1.41079	2.36E-05	0.125801	-7.94904
cg01223221	LLGL1	0.000653536	0.435581	1.21906	1.21906	0.108495	0.64664	-1.54645	0.00410869	0.383431	-2.60803	0.546258	1.16422	1.16422	0.00113207	0.303375	-3.29625
cg26105062	LLGL1	0.00343955	0.667747	0.893328	-1.11941	0.308025	1.31735	1.31735	0.0506309	1.78928	1.78928	0.000992759	0.278632	-3.58897	0.127075	0.649831	-1.53886
cg15945417	LLGL1	0.0133941	0.298817	0.799128	-1.25136	0.916067	0.978288	-1.02219	0.0145263	1.87183	1.87183	0.910848	1.0236	1.0236	0.00168721	0.392781	-2.54595
cg25987185	LLGL1	0.0192374	0.0510148	2.40713	2.40713	0.743436	1.13861	1.13861	0.442474	1.36275	1.36275	0.000642814	0.126162	-7.92632	0.516898	1.29657	1.29657
cg12698834	LLGL1	0.0205379	0.797317	1.02672	1.02672	0.0879558	0.824556	-1.21277	0.435139	0.921667	-1.08499	0.405963	1.091	1.091	0.891184	0.986076	-1.01412
cg06461408	LLGL2;LLGL2	0.000568135	0.543439	0.883137	-1.13233	0.00158402	0.399971	-2.50018	0.00998042	0.518195	-1.92978	0.000174393	0.276061	-3.62238	5.82E-05	0.221963	-4.50526
cg03523524	LLGL2;LLGL2	0.00057208	0.00475544	0.692417	-1.44422	0.176437	1.15131	1.15131	0.0399187	0.792271	-1.26219	0.180914	0.869984	-1.14945	1.37E-05	0.410152	-2.43812
cg05390496	LLGL2;LLGL2	0.00363445	0.00850376	0.58035	-1.7231	0.66358	0.931548	-1.07348	0.00395949	0.533742	-1.87357	0.000387522	0.399749	-2.50157	0.648884	0.928423	-1.07709
cg22985122	LLGL2;LLGL2	0.010016	0.59502	0.868796	-1.15102	0.0690901	1.70441	1.70441	0.433017	1.23336	1.23336	0.154068	0.670318	-1.49183	0.000662216	0.254924	-3.92274
cg14295357	LLGL2;LLGL2	0.0327116	0.761162	0.926428	-1.07942	0.0283786	0.52277	-1.91289	0.0427096	0.557218	-1.79463	0.668412	1.11406	1.11406	0.988765	1.00354	1.00354
cg15539962	LLGL2;LLGL2	0.0330371	0.543638	1.24901	1.24901	0.179576	0.597142	-1.67464	0.00179266	0.200477	-4.9881	0.101329	0.522616	-1.91345	0.0570415	0.458936	-2.17895
cg13539171	LLGL2;LLGL2	0.0397159	0.0255558	0.338976	-2.95006	0.105742	0.486491	-2.05554	0.0104214	0.268441	-3.72522	0.0145834	0.293276	-3.40976	0.0352637	0.367939	-2.71784
cg20297979	LLGL2;LLGL2;LLGL2	8.33E-08	0.168782	0.88359	-1.13175	0.00215538	1.43849	1.43849	4.70E-07	0.302337	-3.30756	0.368075	1.08116	1.08116	9.24E-09	0.138739	-7.20779
cg23758016	LLGL2;LLGL2;LLGL2	0.000189372	0.492028	1.12739	1.12739	0.850789	1.03289	1.03289	2.99E-06	6.77051	6.77051	0.788587	1.04726	1.04726	0.492043	1.12738	1.12738
cg08972916	LLGL2;LLGL2;LLGL2	0.000252702	0.00272812	0.519759	-1.92397	0.0178216	0.634097	-1.57705	0.00206131	0.503368	-1.98662	0.00921317	0.592837	-1.6868	5.14E-06	0.194153	-5.15059
cg17910969	LLGL2;LLGL2;LLGL2	0.000293644	0.674824	1.13721	1.13721	0.53499	0.825759	-1.21101	4.74E-06	24.3311	24.3311	0.784351	0.919811	-1.08718	0.464329	0.796968	-1.25475
cg00715047	LLGL2;LLGL2;LLGL2	0.000836613	0.450709	0.716547	-1.39558	0.000778923	9.06731	9.06731	0.000323638	12.4527	12.4527	0.0015406	7.21327	7.21327	0.102327	2.17146	2.17146
cg02679955	LLGL2;LLGL2;LLGL2	0.00225605	0.607897	0.902444	-1.1081	0.529859	1.13455	1.13455	9.88E-05	3.94013	3.94013	0.430318	0.852424	-1.17313	0.240131	0.783523	-1.27629
cg03704912	LLGL2;LLGL2;LLGL2	0.00319832	0.900443	0.968973	-1.03202	0.124229	1.52075	1.52075	8.08E-05	5.99691	5.99691	0.427981	0.815626	-1.22605	0.750485	0.922798	-1.08366
cg06900821	LLGL2;LLGL2;LLGL2	0.003418	0.0355903	1.77059	1.77059	0.0785867	1.57816	1.57816	0.739446	1.08107	1.08107	0.036451	1.76446	1.76446	0.109706	0.665484	-1.50267
cg21391660	LLGL2;LLGL2;LLGL2	0.0036696	0.605537	0.852456	-1.17308	0.262268	1.4307	1.4307	0.000224091	6.56348	6.56348	0.00122114	4.26271	4.26271	0.0599366	1.91621	1.91621
cg13620705	LLGL2;LLGL2;LLGL2	0.00699557	0.00810466	0.217707	-4.59333	0.00529769	0.19152	-5.22138	0.158204	0.507414	-1.97078	0.0546185	0.375144	-2.66564	0.00163203	0.131417	-7.60939
cg15758175	LLGL2;LLGL2;LLGL2	0.00834094	0.799899	1.07717	1.07717	0.00416556	3.07691	3.07691	0.00214366	3.53226	3.53226	0.0986954	1.69883	1.69883	0.0999371	0.590001	-1.69491
cg08827674	LLGL2;LLGL2;LLGL2	0.00865353	0.243307	0.745011	-1.34226	0.0056675	2.39903	2.39903	0.00310061	2.65287	2.65287	0.212621	1.37232	1.37232	0.126871	0.671601	-1.48898
cg20366832	LLGL2;LLGL2;LLGL2	0.0236133	0.482923	0.820022	-1.21948	0.0655704	1.77725	1.77725	0.00531881	2.7786	2.7786	0.73302	0.90912	-1.09996	0.981993	1.0063	1.0063
cg05220857	LLGL2;LLGL2;LLGL2	0.0256929	0.397634	0.851685	-1.17414	0.563156	0.897314	-1.11444	0.562062	0.897035	-1.11478	0.502191	0.881402	-1.13456	0.00125903	0.417788	-2.39356
cg24961501	LLGL2;LLGL2;LLGL2	0.0418153	0.102091	0.488133	-2.04862	0.0173206	0.312934	-3.19556	0.0257677	0.345998	-2.89019	0.0477403	0.403591	-2.47776	0.00889526	0.263353	-3.79718
cg14281160	LLPH	0.00421183	0.0956008	0.680809	-1.46884	0.0348089	1.67641	1.67641	0.00455583	2.21113	2.21113	0.168968	0.735072	-1.36041	0.339753	0.813316	-1.22953
cg21058506	LLPH	0.0128754	0.833465	1.04927	1.04927	0.0124449	2.03482	2.03482	0.69092	1.09558	1.09558	0.9855	1.00416	1.00416	0.234675	0.752368	-1.32914
cg25361621	LMAN1	0.00049519	0.00327163	0.30674	-3.26009	0.082332	0.56703	-1.76357	0.471723	0.80589	-1.24086	0.669359	1.135	1.135	4.22E-05	0.100559	-9.94443
cg14460968	LMAN1	0.00388258	0.673567	1.13876	1.13876	0.689779	0.884218	-1.13094	0.723007	1.11533	1.11533	0.604884	1.1736	1.1736	0.537333	0.825671	-1.21114
cg20488244	LMAN1	0.0213298	0.255412	1.11496	1.11496	0.178228	0.877132	-1.14008	0.1008	1.17906	1.17906	0.616461	1.04737	1.04737	0.0626996	1.21161	1.21161
cg14612068	LMAN1	0.0245788	0.0419348	0.434917	-2.29929	0.209172	0.624913	-1.60022	0.843641	0.932267	-1.07265	0.275308	0.668255	-1.49644	0.0620026	0.474103	-2.10925
cg00973309	LMAN1L	1.28E-07	0.162833	0.836902	-1.19488	0.366471	1.11727	1.11727	1.30E-05	0.334761	-2.98721	7.48E-06	0.307868	-3.24815	5.65E-07	0.191368	-5.22555
cg09844257	LMAN1L	0.00252656	0.0317903	0.597382	-1.67397	0.00713713	0.490996	-2.03668	0.0100302	0.514081	-1.94522	0.113623	1.4225	1.4225	0.000185062	0.274499	-3.64299
cg08934372	LMAN1L	0.00857972	0.0151952	0.428188	-2.33542	0.21047	0.687052	-1.45549	0.00324655	0.319248	-3.13237	0.729717	0.906055	-1.10369	0.0118262	0.408999	-2.44499
cg21948564	LMAN1L	0.0270322	0.0850222	0.353992	-2.82493	0.0214655	0.221673	-4.51115	0.0327112	0.255984	-3.9065	0.099506	0.373609	-2.6766	0.0502594	0.2961	-3.37724
cg07018645	LMAN1L	0.035441	0.0526439	0.503845	-1.98474	0.25402	0.690308	-1.44863	0.0294381	0.450239	-2.22104	0.0592165	1.94011	1.94011	0.00419828	0.303261	-3.29749
cg12901498	LMAN1L	0.0421	0.412848	0.805657	-1.24122	0.0442562	0.55076	-1.81567	0.00623043	0.398391	-2.51009	0.093663	0.621353	-1.60939	0.0268462	0.508225	-1.96763
cg01909621	LMAN2	2.99E-05	0.00109225	1.96293	1.96293	0.914338	0.98505	-1.01518	0.000775725	0.490626	-2.03821	0.00170283	1.87257	1.87257	4.56E-06	0.229047	-4.36592
cg11540197	LMAN2	0.000855396	0.437572	1.26147	1.26147	0.00206135	0.279962	-3.57192	0.19486	1.49514	1.49514	0.290412	1.37966	1.37966	0.853291	1.0558	1.0558
cg01959429	LMAN2	0.00139517	0.17463	0.740471	-1.35049	0.171008	1.35437	1.35437	0.751026	1.06848	1.06848	0.0814868	1.49456	1.49456	0.00514354	0.463481	-2.15759
cg20952452	LMAN2	0.00146756	0.0819858	0.530548	-1.88484	0.0306698	0.433838	-2.30501	0.00580858	0.304749	-3.28139	0.0311691	0.435278	-2.29738	5.26E-05	0.0833384	-11.9993
cg24815289	LMAN2	0.00487753	0.000278837	0.0551618	-18.1285	0.0533811	2.91383	2.91383	0.521872	1.37213	1.37213	0.0515062	0.339498	-2.94553	0.0181314	0.246981	-4.0489
cg12470377	LMAN2	0.00691499	0.0918926	0.575592	-1.73734	0.67438	0.881805	-1.13404	0.651089	1.14513	1.14513	0.0400739	2.02632	2.02632	0.81839	1.07086	1.07086
cg25662041	LMAN2	0.00776898	0.0559985	0.607015	-1.64741	0.344075	1.25202	1.25202	0.7549	1.07489	1.07489	0.00227851	0.373786	-2.67533	0.557648	0.87219	-1.14654
cg01140102	LMAN2	0.00868623	0.0976003	0.788561	-1.26813	0.419912	0.8979	-1.11371	0.000637911	0.503917	-1.98445	0.14113	0.813152	-1.22978	0.0772058	0.77355	-1.29274
cg18455360	LMAN2	0.00984231	0.507506	1.08432	1.08432	0.786695	0.967872	-1.03319	0.8452	0.97674	-1.02381	0.0535859	0.768041	-1.30201	0.147856	1.20553	1.20553
cg21751787	LMAN2	0.0105983	0.229906	0.900319	-1.11072	0.00574601	1.35224	1.35224	0.00296573	1.40487	1.40487	0.746931	1.02736	1.02736	0.353329	1.08286	1.08286
cg14599956	LMAN2	0.0123972	0.0143087	1.6103	1.6103	0.247327	1.21021	1.21021	0.665185	1.07109	1.07109	0.37725	0.86683	-1.15363	0.983831	0.996809	-1.0032
cg22940492	LMAN2	0.0125126	0.135579	0.784804	-1.2742	0.171088	0.802882	-1.24551	0.0031202	0.543929	-1.83848	0.425657	1.13038	1.13038	0.00259341	0.533241	-1.87532
cg25013269	LMAN2	0.0165657	0.146034	0.477926	-2.09237	0.00907821	0.208354	-4.79952	0.0408373	0.327309	-3.05521	0.0562295	0.359558	-2.78119	0.00762049	0.19727	-5.06918
cg05867645	LMAN2;LMAN2	0.0176622	0.912475	0.987879	-1.01227	0.714777	0.960108	-1.04155	0.332325	0.895003	-1.11731	0.295784	0.886698	-1.12778	0.490213	1.08084	1.08084
cg00901946	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L	2.62E-05	0.547288	0.892607	-1.12031	3.59E-06	0.131692	-7.5935	1.86E-05	0.196718	-5.08341	0.404061	0.852766	-1.17265	1.75E-05	0.194044	-5.15346
cg11517789	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L	0.000293187	0.678938	0.908595	-1.1006	0.533855	1.15617	1.15617	0.000865117	0.316168	-3.16287	0.227543	1.33874	1.33874	0.284204	0.773978	-1.29203
cg17526658	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L	0.00270989	0.0107849	0.531282	-1.88224	0.0183967	1.75909	1.75909	0.0147614	1.80848	1.80848	0.596977	0.899992	-1.11112	0.646661	1.09542	1.09542
cg23287902	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L	0.0147598	?	?	?	?	?	?	0.00570175	3.97476	3.97476	0.0367832	0.40466	-2.47121	0.0204474	0.350584	-2.85238
cg15007626	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L	0.0182736	0.000396305	0.112895	-8.8578	0.523624	1.28398	1.28398	0.250639	1.59078	1.59078	0.248332	0.627069	-1.59472	0.268251	1.56199	1.56199
cg01990225	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L	0.0478624	0.873542	1.0614	1.0614	0.724342	0.875926	-1.14165	0.196267	1.66734	1.66734	0.152589	0.563707	-1.77397	0.407113	1.37337	1.37337
cg14664464	LMBR1	0.00190259	0.162897	1.46268	1.46268	0.166036	0.686034	-1.45765	0.00967011	0.388484	-2.57411	8.30E-05	0.0671414	-14.8939	0.510363	0.848134	-1.17906
cg25359978	LMBR1	0.0193283	0.424438	1.41661	1.41661	0.282371	1.61111	1.61111	0.211873	1.75324	1.75324	0.0153732	0.280854	-3.56057	0.0108661	0.255289	-3.91713
cg10743020	LMBR1	0.0239068	0.31787	2.04976	2.04976	0.280877	0.458788	-2.17966	0.0880326	0.270174	-3.70132	0.138578	3.02953	3.02953	0.161669	0.353843	-2.82612
cg04635069	LMBR1	0.0242778	0.350485	1.20493	1.20493	0.894148	1.02616	1.02616	0.0634828	0.667106	-1.49901	0.748923	0.939607	-1.06428	0.00130487	0.403278	-2.47968
cg20775450	LMBR1	0.0335439	0.949676	1.0161	1.0161	0.906668	1.03012	1.03012	0.997816	1.00069	1.00069	0.00246195	0.344505	-2.90272	0.00761329	0.419635	-2.38302
cg10755039	LMBR1	0.0466526	0.934633	0.985971	-1.01423	0.346893	1.18155	1.18155	0.0636993	0.698344	-1.43196	0.750183	0.946467	-1.05656	0.0990311	0.732357	-1.36545
cg23437216	LMBR1L	0.0237217	0.851414	1.04811	1.04811	0.0616602	1.69461	1.69461	0.118239	1.52964	1.52964	0.750333	0.923118	-1.08328	0.0380595	0.547409	-1.82679
cg27663799	LMBR1L;LMBR1L	0.0314621	0.126562	0.800677	-1.24894	0.286975	0.861813	-1.16034	0.0320371	1.40193	1.40193	0.342952	0.876853	-1.14044	0.396587	1.12386	1.12386
cg24334334	LMBRD1	8.83E-05	0.0655063	0.765112	-1.307	0.187226	1.19846	1.19846	0.284489	0.865891	-1.15488	0.0384672	0.73303	-1.3642	1.17E-06	0.195835	-5.10634
cg03001484	LMBRD1	0.0182165	0.497004	1.22902	1.22902	0.920067	0.97043	-1.03047	0.15796	0.636716	-1.57056	0.387198	0.767167	-1.3035	0.00180927	0.265385	-3.76811
cg11798043	LMBRD1	0.0266994	0.179453	1.49214	1.49214	0.984582	1.00544	1.00544	0.817383	1.06707	1.06707	0.078749	0.578122	-1.72974	0.00448524	0.345251	-2.89645
cg21428833	LMBRD1	0.037207	0.1286	2.3051	2.3051	0.00182981	0.105258	-9.5005	0.438535	0.669142	-1.49445	0.435668	1.49837	1.49837	0.12056	0.42481	-2.35399
cg10796979	LMBRD1;LMBRD1	0.0260919	0.565317	0.956612	-1.04536	0.996235	1.00036	1.00036	0.0188277	1.24255	1.24255	0.0579939	1.17768	1.17768	0.0673935	1.16931	1.16931
cg21893846	LMBRD2;SKP2;SKP2	0.00423498	0.11134	1.3709	1.3709	0.93499	1.01495	1.01495	0.188081	0.775922	-1.28879	0.164465	0.763539	-1.30969	0.705697	0.933319	-1.07144
cg15996282	LMBRD2;SKP2;SKP2	0.0370208	0.440168	0.4992	-2.00321	0.835695	0.832531	-1.20116	0.00194037	0.0208689	-47.9183	0.0840607	0.185082	-5.40301	?	?	?
cg12181029	LMBRD2;SKP2;SKP2	0.0381818	0.810056	0.943266	-1.06015	0.307433	1.2921	1.2921	0.0500518	1.71941	1.71941	0.153764	0.690441	-1.44835	0.467731	0.835916	-1.19629
cg01943654	LMBRD2;SKP2;SKP2;LMBRD2	0.000544099	0.100174	1.17592	1.17592	0.229821	1.12003	1.12003	0.833798	1.01908	1.01908	0.00808021	1.35687	1.35687	0.667096	1.0397	1.0397
cg00122840	LMBRD2;SKP2;SKP2;LMBRD2	0.00164022	0.3054	1.23685	1.23685	0.221538	0.77309	-1.29351	0.580314	0.894169	-1.11836	0.46435	1.16086	1.16086	0.759465	0.940343	-1.06344
cg27130364	LMBRD2;SKP2;SKP2;LMBRD2	0.0343094	0.00928573	2.01685	2.01685	0.808672	0.949746	-1.05291	0.0970539	1.47268	1.47268	0.471547	0.855851	-1.16843	0.308959	0.799474	-1.25082
cg27116787	LMBRD2;SKP2;SKP2;SKP2;SKP2	0.0419495	0.869213	0.961796	-1.03972	0.187207	0.718613	-1.39157	0.0560006	0.599487	-1.66809	0.0559326	0.59938	-1.66839	0.180489	0.714513	-1.39956
cg20595215	LMCD1	3.15E-05	0.047292	0.795403	-1.25723	9.73E-05	2.0112	2.0112	0.320152	1.10916	1.10916	0.000312757	1.80301	1.80301	0.82606	0.978047	-1.02245
cg16784366	LMCD1	0.00381381	0.0166351	0.428292	-2.33486	0.0653614	0.5489	-1.82183	0.119007	0.612233	-1.63337	0.138877	0.630053	-1.58717	0.351368	0.757203	-1.32065
cg18857899	LMCD1	0.0123053	0.0610273	1.55845	1.55845	0.00262178	0.416643	-2.40014	0.00390228	0.441962	-2.26264	0.848578	1.04099	1.04099	0.336	0.811811	-1.23181
cg04373034	LMCD1	0.0145756	0.0214175	0.491942	-2.03276	0.16243	1.46632	1.46632	0.000669576	0.262952	-3.80297	0.659799	0.892537	-1.1204	0.0316683	0.523882	-1.90883
cg06697448	LMCD1	0.0155144	0.229005	0.609949	-1.63948	0.00876339	3.69697	3.69697	0.251293	1.59903	1.59903	0.199632	1.70009	1.70009	0.989491	1.00517	1.00517
cg09719124	LMCD1	0.0234491	0.706935	0.819918	-1.21963	0.000512957	0.0577905	-17.3039	0.049371	0.307568	-3.25131	0.821017	0.887702	-1.1265	0.0923795	0.377682	-2.64773
cg02755111	LMCD1	0.0349898	0.255024	1.14319	1.14319	0.199176	1.16505	1.16505	0.0225588	1.36013	1.36013	0.111227	1.21577	1.21577	0.133023	1.20023	1.20023
cg00442869	LMF1	3.81E-07	0.378108	1.17348	1.17348	0.319924	1.19939	1.19939	0.35843	0.846153	-1.18182	0.119675	0.741795	-1.34808	0.0108239	0.567691	-1.76152
cg01233215	LMF1	2.31E-06	0.0739211	0.547733	-1.82571	0.287257	1.39644	1.39644	0.00722788	2.8506	2.8506	0.0416624	0.491793	-2.03338	0.0736715	0.547383	-1.82687
cg02867162	LMF1	1.03E-05	0.889159	0.97758	-1.02293	0.711223	0.941325	-1.06233	0.0494757	1.43979	1.43979	0.21852	0.810219	-1.23423	0.203296	0.803833	-1.24404
cg04214866	LMF1	2.07E-05	0.908139	1.0099	1.0099	0.196724	1.12359	1.12359	0.184781	0.886845	-1.12759	0.0148085	0.774148	-1.29174	0.035012	0.810809	-1.23334
cg01402068	LMF1	4.33E-05	0.335978	0.852074	-1.17361	7.49E-05	0.31347	-3.19009	0.000129284	0.341878	-2.92502	9.92E-05	0.327961	-3.04914	4.04E-06	0.177952	-5.61949
cg09786479	LMF1	4.75E-05	0.0338581	0.531852	-1.88022	0.047514	1.78195	1.78195	0.0471864	1.7839	1.7839	0.893518	1.03472	1.03472	0.263232	0.74285	-1.34617
cg09616608	LMF1	6.73E-05	0.747493	0.951282	-1.05121	0.000130508	0.358047	-2.79293	9.77E-06	0.229768	-4.35222	0.671493	0.93617	-1.06818	0.00046411	0.426793	-2.34306
cg00846502	LMF1	7.38E-05	0.00101351	0.424998	-2.35295	0.0397278	1.51787	1.51787	0.000161705	0.322961	-3.09635	0.0248484	1.5979	1.5979	6.04E-06	0.168608	-5.9309
cg02486209	LMF1	0.00018247	0.280698	1.16675	1.16675	0.993556	0.99889	-1.00111	6.42E-06	0.250645	-3.9897	0.0167155	1.49446	1.49446	0.000226007	0.430204	-2.32448
cg04432454	LMF1	0.000324636	0.459212	1.21983	1.21983	0.0048193	0.373042	-2.68067	8.77E-05	0.156645	-6.38386	0.520751	1.18724	1.18724	9.91E-05	0.161727	-6.18326
cg00498059	LMF1	0.000520393	0.628855	0.884777	-1.13023	0.215757	1.38746	1.38746	0.802325	1.06508	1.06508	0.654311	1.11996	1.11996	0.240545	0.734292	-1.36186
cg09805889	LMF1	0.000921257	0.00513417	0.774214	-1.29163	0.000164529	0.640999	-1.56006	0.00787149	0.789751	-1.26622	0.0352438	0.843856	-1.18504	0.000306698	0.666449	-1.50049
cg10326234	LMF1	0.0012568	0.136105	0.742806	-1.34625	0.201038	1.28401	1.28401	0.204985	1.28092	1.28092	0.732225	0.938395	-1.06565	1.70E-05	0.195133	-5.1247
cg02200944	LMF1	0.0015052	0.460067	0.882605	-1.13301	0.00543856	1.83536	1.83536	0.00100519	2.24924	2.24924	0.191206	0.794723	-1.2583	0.000484651	0.403215	-2.48007
cg05646515	LMF1	0.00168391	0.336959	1.25964	1.25964	0.235785	1.33602	1.33602	0.0936635	1.53704	1.53704	0.0857934	1.55692	1.55692	0.00025405	0.245247	-4.07752
cg08531623	LMF1	0.00179754	0.00854354	0.719556	-1.38975	0.135557	0.854033	-1.17091	0.0195673	1.3188	1.3188	0.938359	1.00761	1.00761	0.10298	0.839486	-1.19121
cg16661393	LMF1	0.00189046	0.661572	0.916262	-1.09139	0.00151111	0.403578	-2.47783	0.00249143	0.434137	-2.30342	0.00137458	0.397896	-2.51322	0.000658003	0.354814	-2.81837
cg26978368	LMF1	0.00201632	0.677494	1.04738	1.04738	0.000713716	0.565323	-1.7689	0.0348211	0.76166	-1.31292	0.121522	1.20417	1.20417	0.293613	1.12814	1.12814
cg08678437	LMF1	0.00217946	0.0185422	0.753489	-1.32716	0.0011996	0.624738	-1.60067	0.000722712	0.600587	-1.66504	0.50223	1.06984	1.06984	0.0440691	0.795064	-1.25776
cg10455282	LMF1	0.00269292	0.100431	0.815023	-1.22696	0.00142886	1.68917	1.68917	0.826454	1.02527	1.02527	0.512575	0.927296	-1.0784	0.0018888	0.606176	-1.64969
cg10400804	LMF1	0.00269541	0.0399859	1.36486	1.36486	0.65404	0.942605	-1.06089	0.00183139	0.559846	-1.7862	0.0252536	1.4171	1.4171	0.129565	1.23935	1.23935
cg00792022	LMF1	0.0030962	0.775375	0.960803	-1.0408	0.000486532	2.14714	2.14714	0.940335	0.989592	-1.01052	0.187154	1.2158	1.2158	0.00517557	0.596977	-1.67511
cg06835404	LMF1	0.00333784	0.0257778	0.578838	-1.7276	0.0152362	1.8504	1.8504	0.0118664	0.522782	-1.91284	0.693763	1.08515	1.08515	0.000665606	0.341035	-2.93225
cg07936928	LMF1	0.00333963	0.481267	1.13839	1.13839	0.191895	1.28419	1.28419	0.229752	0.795994	-1.25629	0.142859	1.32994	1.32994	0.000114949	0.2938	-3.40368
cg19605644	LMF1	0.00347075	0.3819	1.18014	1.18014	0.000239364	3.07457	3.07457	0.555853	1.11631	1.11631	0.00297998	2.12248	2.12248	0.181579	0.769571	-1.29943
cg06334495	LMF1	0.00441221	0.0881225	0.655557	-1.52542	0.446624	1.19013	1.19013	0.277323	1.28854	1.28854	0.0324254	1.75404	1.75404	0.173903	0.722816	-1.38348
cg07274572	LMF1	0.00470614	0.0405517	1.84885	1.84885	0.000106243	5.91646	5.91646	0.0702887	1.69171	1.69171	0.777139	1.07652	1.07652	0.253379	0.733477	-1.36337
cg01495521	LMF1	0.00483701	0.130697	0.840105	-1.19033	0.167528	1.17005	1.17005	0.00726124	1.44729	1.44729	0.370677	0.90653	-1.10311	0.329824	1.11333	1.11333
cg07502868	LMF1	0.00626243	0.00453118	2.08394	2.08394	0.88339	0.971909	-1.0289	0.679206	1.08408	1.08408	0.00811118	1.93109	1.93109	0.340138	0.82625	-1.21029

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06010111	0.104664	0.738845	-1.35346	0.000370644	0.378198	-2.64412	0.417183	1.152	1.152	0.000637552	0.408597	-2.4474	10.1311	4.673	0.410004	1
cg09787394	0.0956334	1.30348	1.30348	0.00330747	0.560284	-1.78481	0.95323	1.00853	1.00853	0.0203289	0.666985	-1.49928	6.74245	2.23869	0.295137	1
cg04630321	0.0105729	0.490614	-2.03826	0.0185147	0.531283	-1.88223	0.00564543	0.447415	-2.23506	0.520545	1.15513	1.15513	10.2059	7.92564	0.69029	1
cg26510996	0.342698	1.18185	1.18185	0.000306607	0.367186	-2.72342	0.472463	1.13304	1.13304	0.0345448	1.52391	1.52391	6.37342	2.94868	0.411246	1
cg01074628	0.965238	1.00861	1.00861	0.0228666	0.585312	-1.70849	0.0448897	1.57274	1.57274	0.20107	1.30422	1.30422	3.75826	2.3031	0.54472	1
cg03071793	0.00698625	0.474896	-2.10572	2.29E-05	0.163821	-6.10422	0.501283	0.864433	-1.15683	0.000544574	0.317597	-3.14864	15.5387	11.2112	0.641336	1
cg05205532	0.02971	1.63544	1.63544	0.0541368	0.65693	-1.52223	0.00294236	2.19253	2.19253	0.046794	0.645599	-1.54895	9.3689	5.48359	0.520264	1
cg09160589	0.0527751	1.86513	1.86513	0.188078	1.48427	1.48427	0.65249	0.879552	-1.13694	0.998741	0.999553	-1.00045	3.93988	5.00224	1.12857	1
cg08268266	0.328499	2.22705	2.22705	0.0143237	13.0296	13.0296	0.218203	2.8163	2.8163	0.0917704	4.52537	4.52537	4.83953	39.9708	6.19442	1
cg07994696	0.423171	1.51504	1.51504	0.00145845	10.3247	10.3247	0.239543	0.535019	-1.86909	0.038524	3.37804	3.37804	3.94074	16.0961	3.63071	1
cg02548368	0.538922	1.10317	1.10317	0.000616913	2.29793	2.29793	0.947247	0.989611	-1.0105	0.109617	0.759341	-1.31693	11.3621	4.48289	0.350708	1
cg10420838	0.154986	0.60136	-1.6629	0.000267053	0.135423	-7.38428	0.37701	0.73867	-1.35378	0.00662781	0.308034	-3.2464	7.4411	13.1581	1.57183	1
cg24555286	0.913124	1.04185	1.04185	0.0500524	0.431978	-2.31493	0.943398	0.973678	-1.02703	0.262952	0.645049	-1.55027	4.03378	9.01563	1.98669	1
cg22026450	0.5524	1.17802	1.17802	0.000494869	0.226202	-4.42084	0.000238038	0.190358	-5.25325	0.142566	0.650772	-1.53664	9.31376	10.9584	1.04585	1
cg18380917	0.104052	0.472032	-2.1185	0.0226307	0.315717	-3.16739	0.488635	0.742929	-1.34602	0.0158088	0.286822	-3.48648	5.83778	16.4963	2.51181	1
cg19930199	0.54761	0.912009	-1.09648	0.000684032	0.456036	-2.19281	0.199866	1.22751	1.22751	0.345561	1.1584	1.1584	5.13932	1.86473	0.32252	1
cg05598845	0.11538	1.38814	1.38814	0.000594847	0.362149	-2.76129	0.924361	0.98197	-1.01836	0.0133038	0.555622	-1.79979	5.11392	2.97326	0.516805	1
cg09666237	0.113395	0.893648	-1.11901	2.01E-06	0.465031	-2.15039	0.0795963	1.13541	1.13541	0.000532711	1.42181	1.42181	49.7172	3.35447	0.0599742	1
cg15816084	0.589249	0.87472	-1.14322	1.86E-05	0.117508	-8.51009	0.058308	1.69111	1.69111	0.117341	0.658571	-1.51844	19.9358	19.0379	0.848855	1
cg01223221	0.000727838	0.278227	-3.59418	5.46E-05	0.153906	-6.49748	0.33778	1.27899	1.27899	0.532817	0.85444	-1.17036	13.2635	13.0255	0.872938	1
cg26105062	0.00123225	0.29105	-3.43584	0.0138873	0.45203	-2.21224	0.145223	1.50472	1.50472	0.543573	1.17422	1.17422	8.21651	8.8797	0.960634	1
cg15945417	0.255056	1.28073	1.28073	0.120004	1.42079	1.42079	0.0426808	1.62558	1.62558	0.336519	0.813559	-1.22917	5.37737	3.6926	0.610394	1
cg25987185	0.979714	1.0101	1.0101	0.326617	1.49222	1.49222	0.197396	0.583597	-1.71351	0.858009	0.931667	-1.07334	4.767	11.7935	2.1991	1
cg12698834	0.303183	1.11545	1.11545	0.000922472	1.66035	1.66035	0.0515269	0.796878	-1.2549	0.56412	1.06155	1.06155	4.66227	0.774919	0.147743	1
cg06461408	0.90488	0.976133	-1.02445	0.00571347	0.480813	-2.07981	0.0476927	0.63283	-1.5802	0.00260123	0.430438	-2.32322	13.792	8.91868	0.574804	1
cg03523524	0.00846225	0.719208	-1.39042	0.830184	1.02128	1.02128	0.0405025	0.792973	-1.26108	0.00400565	0.684433	-1.46106	13.7655	2.09579	0.135333	1
cg05390496	0.356834	1.16595	1.16595	0.263959	0.828073	-1.20762	0.0225974	0.642521	-1.55637	0.00263527	0.50948	-1.96279	8.08203	3.35984	0.369527	1
cg22985122	0.270867	0.740435	-1.35056	0.0390375	1.87052	1.87052	0.344879	1.29052	1.29052	0.0969481	0.620266	-1.61221	5.90759	6.42988	0.967474	1
cg14295357	0.402394	1.23964	1.23964	0.0031935	2.74324	2.74324	0.433168	0.818327	-1.22201	0.632573	0.886259	-1.12834	3.96252	3.94345	0.884611	1
cg15539962	0.0557823	0.45664	-2.18991	0.0243856	0.378977	-2.63868	0.527276	0.793198	-1.26072	0.150303	0.572507	-1.7467	3.94846	8.18162	1.84187	1
cg13539171	0.168947	0.550115	-1.8178	0.142281	0.525599	-1.90259	0.0347012	0.36644	-2.72896	0.0276535	0.345874	-2.89123	3.69282	9.72437	2.34073	1
cg20297979	3.81E-08	0.192054	-5.20686	0.0690455	1.18734	1.18734	0.579981	1.04831	1.04831	7.90E-06	0.437814	-2.28408	137.815	15.5502	0.100297	1
cg23758016	0.00150211	2.19469	2.19469	0.0159043	0.602089	-1.66088	0.122545	1.3331	1.3331	0.440945	1.14456	1.14456	18.6451	8.7176	0.415605	1
cg08972916	0.803504	0.961338	-1.04022	0.360863	1.16016	1.16016	0.00845094	0.587535	-1.70203	0.0178857	0.634326	-1.57648	17.2394	6.82952	0.35214	1
cg17910969	0.000623777	4.97059	4.97059	0.853132	1.05809	1.05809	0.390658	1.30738	1.30738	0.097964	1.73874	1.73874	16.5468	24.3334	1.30718	1
cg00715047	0.00797254	4.3715	4.3715	0.229676	0.578888	-1.72745	0.000654115	9.63704	9.63704	0.0113308	3.95603	3.95603	12.3751	36.8679	2.64817	1
cg02679955	0.000755105	2.75438	2.75438	0.839165	0.960492	-1.04113	0.791974	1.05383	1.05383	0.383192	1.19407	1.19407	9.30847	5.80018	0.553874	1
cg03704912	0.0160466	2.10054	2.10054	0.891067	1.03511	1.03511	0.00599631	2.47053	2.47053	0.346333	1.27664	1.27664	8.39677	8.43415	0.892846	1
cg06900821	0.00464622	0.415091	-2.40911	0.000535752	0.284174	-3.51897	0.395883	0.816232	-1.22514	0.206216	0.732429	-1.36532	8.23197	7.11107	0.767855	1
cg21391660	0.0271492	2.2285	2.2285	0.196117	0.657804	-1.52021	0.487421	1.24133	1.24133	0.63772	1.15642	1.15642	8.05873	11.9831	1.32176	1
cg13620705	0.0200671	0.283221	-3.53081	0.0031952	0.163617	-6.11182	0.00651598	0.203941	-4.90337	0.120498	0.468916	-2.13258	6.61642	21.192	2.84705	1
cg15758175	0.231646	1.44367	1.44367	0.788173	0.924206	-1.08201	0.0044488	3.0363	3.0363	0.0531216	1.90248	1.90248	6.26126	8.49473	1.20597	1
cg08827674	0.0427016	1.75505	1.75505	0.600932	1.13569	1.13569	0.00364236	2.58144	2.58144	0.780289	1.06975	1.06975	6.18888	5.69778	0.818354	1
cg20366832	0.192232	0.681069	-1.46828	0.0789588	1.72085	1.72085	0.00494341	2.81743	2.81743	0.774019	0.923017	-1.0834	4.4443	5.45037	1.09011	1
cg05220857	0.00297186	0.469702	-2.12901	0.856876	0.96709	-1.03403	0.918881	1.01906	1.01906	0.506018	0.882426	-1.13324	4.31594	2.3486	0.483706	1
cg24961501	0.0219237	0.332205	-3.01019	0.193761	0.576301	-1.7352	0.0491803	0.406586	-2.4595	0.147609	0.536479	-1.86401	3.62324	9.21886	2.26166	1
cg14281160	0.000594299	0.328414	-3.04493	0.0447224	0.61635	-1.62245	0.296795	0.796779	-1.25505	0.952327	0.987522	-1.01264	7.73113	5.40049	0.620923	1
cg21058506	0.000817106	0.315882	-3.16573	0.0420389	0.5856	-1.70765	0.552483	0.871737	-1.14714	0.311735	0.787384	-1.27003	5.44725	4.50108	0.734491	1
cg25361621	0.287403	0.722072	-1.3849	6.09E-05	0.112809	-8.86454	0.781109	0.921162	-1.08558	0.0167346	0.422771	-2.36535	14.3289	19.7221	1.22346	1
cg14460968	0.986392	1.00524	1.00524	5.31E-05	0.0988656	-10.1147	0.779193	1.09003	1.09003	0.0232023	0.435058	-2.29854	7.92327	11.8031	1.32415	1
cg20488244	0.0812077	0.837639	-1.19383	0.589253	0.95127	-1.05123	0.878913	0.986125	-1.01407	0.00133285	1.5335	1.5335	4.60245	0.61226	0.118248	1
cg14612068	0.0607654	0.471997	-2.11866	0.00301615	4.2382	4.2382	0.580171	0.820017	-1.21949	0.506481	1.27047	1.27047	4.38303	8.75623	1.77578	1
cg00973309	0.679237	1.05095	1.05095	2.37E-09	0.0360994	-27.7013	0.00045982	0.517329	-1.933	2.17E-05	0.360503	-2.7739	123.559	27.9513	0.201083	1
cg09844257	0.154543	1.3661	1.3661	0.610647	0.900217	-1.11084	0.306519	1.242	1.242	0.686801	1.08652	1.08652	9.00399	5.97644	0.590004	1
cg08934372	0.303587	0.738534	-1.35403	0.000469064	0.209328	-4.7772	0.204905	0.683538	-1.46298	0.14174	0.638017	-1.56736	6.20568	7.95194	1.13902	1
cg21948564	0.0468317	0.289102	-3.45899	0.00447711	0.126576	-7.90041	0.00665949	0.146608	-6.8209	0.228363	0.501858	-1.9926	4.23989	19.9683	4.18634	1
cg07018645	0.645051	0.865605	-1.15526	0.253537	0.690025	-1.44922	0.665989	1.14468	1.14468	0.709029	0.889911	-1.12371	3.84963	5.90276	1.36296	1
cg12901498	0.715155	0.909734	-1.09922	0.0197291	0.483434	-2.06853	0.126537	0.652715	-1.53206	0.0255854	0.504287	-1.983	3.61414	3.81345	0.937909	1
cg01909621	0.802674	1.03567	1.03567	8.98E-05	0.374953	-2.667	0.0505873	1.36598	1.36598	0.0165893	0.663911	-1.50623	30.4893	9.46331	0.275895	1
cg11540197	?	?	?	0.89465	0.961883	-1.03963	2.85E-05	0.089555	-11.1663	0.291188	0.725218	-1.3789	12.5916	15.252	1.21129	1
cg01959429	0.000798313	0.348631	-2.86836	0.000169396	0.264163	-3.78554	0.533523	1.14023	1.14023	0.0698084	0.655776	-1.52491	10.7001	7.33874	0.609649	1
cg20952452	0.000697092	0.182468	-5.48041	0.061854	0.500752	-1.997	0.445473	0.77429	-1.29151	0.989444	0.995658	-1.00436	10.5457	18.0678	1.52291	1
cg24815289	0.320851	0.606609	-1.64851	?	?	?	0.760084	1.16099	1.16099	0.580491	1.31266	1.31266	7.55316	25.2558	3.34374	1
cg12470377	0.631081	1.15491	1.15491	0.000186807	0.153013	-6.53538	0.220778	1.46694	1.46694	0.82425	1.06845	1.06845	6.64036	9.31874	1.24742	1
cg25662041	0.574366	0.877338	-1.13981	0.202376	1.36395	1.36395	0.291987	0.777137	-1.28677	0.000582894	0.293364	-3.40873	6.40286	5.39291	0.748682	1
cg01140102	0.0208962	1.43802	1.43802	0.117273	1.249	1.249	0.396437	0.892716	-1.12018	0.454428	1.10471	1.10471	6.1815	1.67207	0.240441	1
cg18455360	0.0995935	0.804686	-1.24272	0.000432097	0.511584	-1.95471	0.115081	0.813605	-1.2291	0.0900024	1.25229	1.25229	5.94072	1.3638	0.204061	1
cg21751787	0.200268	0.893349	-1.11938	0.436144	0.935922	-1.06847	0.224923	0.8992	-1.1121	0.00921175	1.31728	1.31728	5.80154	0.638447	0.0978203	1
cg14599956	0.0147791	0.623034	-1.60505	0.0413921	0.690009	-1.44926	0.00354656	1.8652	1.8652	0.541865	0.907194	-1.1023	5.51484	2.17308	0.350259	1
cg22940492	0.49644	1.10963	1.10963	0.0483021	1.40486	1.40486	0.799686	0.962419	-1.03905	0.721568	1.05539	1.05539	5.49824	1.97623	0.319493	1
cg25013269	0.00696814	0.191789	-5.21406	0.00457128	0.167566	-5.9678	0.550275	0.75132	-1.33099	0.0454555	0.337777	-2.96053	5.01264	17.7681	3.15081	1
cg05867645	0.887132	1.01588	1.01588	0.000335541	0.526516	-1.89928	0.0683689	0.797454	-1.25399	0.341517	1.11484	1.11484	4.90626	0.955948	0.173193	1
cg00901946	0.276395	1.23516	1.23516	0.0397861	1.55801	1.55801	0.876734	0.97146	-1.02938	0.0151611	0.573195	-1.74461	31.5485	17.3873	0.489891	1
cg11517789	0.168437	1.40213	1.40213	1.33E-05	0.122208	-8.1828	0.200347	0.732332	-1.3655	0.00044538	0.279096	-3.583	16.5539	13.9052	0.746667	1
cg17526658	0.000323207	0.317133	-3.15325	0.0970227	1.43284	1.43284	0.702034	1.07886	1.07886	0.193911	1.31182	1.31182	8.81986	5.44667	0.548929	1
cg23287902	?	?	?	0.678775	1.16394	1.16394	0.147752	0.564488	-1.77152	0.85735	1.06774	1.06774	6.2454	8.56345	1.59969	1
cg15007626	0.31213	0.667401	-1.49835	0.370732	0.700852	-1.42683	0.788018	0.901022	-1.10985	0.655613	1.18957	1.18957	4.85044	11.4891	2.10549	1
cg01990225	0.432358	1.34957	1.34957	0.00168512	0.186481	-5.36249	0.948048	0.975915	-1.02468	0.4247	1.35664	1.35664	3.4447	7.63655	1.97057	1
cg14664464	?	?	?	0.194639	1.41638	1.41638	0.550951	1.16019	1.16019	0.134882	0.66079	-1.51334	21.1092	16.2898	0.482308	1
cg25359978	0.00341986	0.183022	-5.46383	0.756509	1.14201	1.14201	0.501033	0.747083	-1.33854	0.371669	0.675972	-1.47935	4.75939	13.7394	2.56605	1
cg10743020	0.416721	0.561588	-1.78066	0.00223135	0.0509448	-19.6291	0.984827	1.01331	1.01331	0.0125632	0.115573	-8.65252	4.42536	33.8704	6.8033	1
cg04635069	0.0187059	0.575328	-1.73814	0.314628	1.22351	1.22351	0.980316	0.995225	-1.0048	0.234019	0.785039	-1.27382	4.40181	2.62357	0.529796	1
cg20775450	0.942145	0.981801	-1.01854	0.236145	0.730423	-1.36907	0.445991	1.21723	1.21723	0.345468	1.27873	1.27873	3.9269	3.98238	0.901447	1
cg10755039	0.166553	0.775656	-1.28923	0.00379512	1.9592	1.9592	0.629396	1.08736	1.08736	0.670665	0.928975	-1.07645	3.47812	1.63413	0.417628	1
cg23437216	0.335453	1.28261	1.28261	0.317793	1.29533	1.29533	0.00141235	3.18369	3.18369	0.188756	1.41755	1.41755	4.43727	4.41303	0.884034	1
cg27663799	0.0949407	0.781275	-1.27996	0.0190364	1.46493	1.46493	0.88766	1.01919	1.01919	0.0200204	1.45866	1.45866	4.01816	1.15135	0.254699	1
cg24334334	0.792237	1.03478	1.03478	0.0140224	1.48123	1.48123	0.917892	1.01345	1.01345	0.021445	0.699148	-1.43031	22.8878	6.08053	0.236148	1
cg03001484	0.432345	0.786924	-1.27077	0.00282323	0.292296	-3.42119	0.0231595	0.444032	-2.25209	0.268387	0.708411	-1.41161	4.85556	6.8768	1.25891	1
cg11798043	0.809304	0.934393	-1.07021	0.431435	0.798221	-1.25279	0.0176429	2.24845	2.24845	0.105768	1.64201	1.64201	4.25835	5.3129	1.10902	1
cg21428833	0.299969	1.72659	1.72659	0.860805	1.09334	1.09334	0.86326	1.0916	1.0916	0.262409	1.81149	1.81149	3.78216	15.4862	3.63959	1
cg10796979	0.519179	0.951352	-1.05114	0.435476	1.0626	1.0626	0.631107	1.03761	1.03761	0.0013213	1.42837	1.42837	4.29278	0.395979	0.0819938	1
cg21893846	0.277874	0.814445	-1.22783	7.56E-05	0.270874	-3.69175	0.917504	1.01902	1.01902	0.159161	1.3148	1.3148	7.71833	4.04427	0.465763	1
cg15996282	0.820711	0.81846	-1.22181	0.270678	2.75144	2.75144	0.197651	3.32603	3.32603	0.530903	1.75101	1.75101	3.8498	42.2121	10.9648	1
cg12181029	0.824811	1.05525	1.05525	0.00205683	0.348835	-2.86668	0.788849	1.06727	1.06727	0.239299	0.741628	-1.34839	3.74659	3.49118	0.828293	1
cg01943654	0.394394	0.924521	-1.08164	1.19E-05	0.434493	-2.30153	0.543541	1.05687	1.05687	0.0821466	0.840915	-1.18918	13.9589	1.78932	0.113942	1
cg00122840	0.13567	0.724634	-1.38001	1.72E-05	0.171214	-5.84065	0.982102	0.995517	-1.0045	0.875097	1.03201	1.03201	10.2129	6.48886	0.564761	1
cg27130364	0.656065	0.909126	-1.09996	0.0280196	1.73612	1.73612	0.0220797	1.79217	1.79217	0.0485722	1.61426	1.61426	3.89509	2.78685	0.63598	1
cg27116787	0.864144	0.960328	-1.04131	0.109623	1.51028	1.51028	0.00917232	2.18607	2.18607	0.568949	1.14577	1.14577	3.61894	3.20249	0.786599	1
cg20595215	7.96E-07	3.79999	3.79999	0.186101	1.15187	1.15187	0.46605	0.927916	-1.07768	0.254047	1.12764	1.12764	30.0737	4.84492	0.143201	1
cg16784366	0.0204256	0.444763	-2.24839	0.000280357	0.178598	-5.59918	0.0109712	2.52325	2.52325	0.0837477	0.574089	-1.74189	7.96597	10.6087	1.18378	1
cg18857899	0.345275	0.815233	-1.22664	0.0788542	1.507	1.507	0.551774	0.881151	-1.13488	0.13896	0.715545	-1.39754	5.5282	3.86689	0.621765	1
cg04373034	0.405228	0.803681	-1.24427	0.101627	0.63132	-1.58398	0.658762	1.12082	1.12082	0.305287	0.761521	-1.31316	5.23004	5.45578	0.927255	1
cg06697448	0.648569	1.19685	1.19685	0.00225786	0.187542	-5.33213	0.0758815	2.1677	2.1677	0.384734	0.705386	-1.41766	5.12317	12.4444	2.15914	1
cg09719124	0.0648153	0.336166	-2.97472	0.128152	0.421226	-2.37402	0.167346	0.461286	-2.16785	0.835473	0.89644	-1.11552	4.45504	19.4979	3.8903	1
cg02755111	0.3198	1.12274	1.12274	0.428684	0.913032	-1.09525	0.00610639	1.49636	1.49636	0.00612332	1.49605	1.49605	3.86754	0.776722	0.178516	1
cg00442869	0.0612347	1.45224	1.45224	2.99E-09	118.425	118.425	0.950819	1.01097	1.01097	0.995495	0.999002	-1.001	93.738	46.4578	0.440545	1
cg01233215	0.965895	0.987161	-1.01301	2.08E-08	589.535	589.535	0.920117	1.03078	1.03078	0.484369	1.23957	1.23957	59.1797	85.6032	1.28577	1
cg02867162	0.848085	0.969297	-1.03168	8.69E-08	17.4982	17.4982	0.240839	0.819006	-1.22099	0.633327	1.08128	1.08128	40.2736	16.8651	0.372235	1
cg04214866	0.367684	1.0822	1.0822	2.76E-07	3.65354	3.65354	0.0149886	0.774659	-1.29089	0.619871	1.04362	1.04362	33.5763	3.87608	0.102614	1
cg01402068	0.000255953	0.378491	-2.64207	0.397155	0.869449	-1.15015	0.626343	1.08239	1.08239	0.00336019	0.525297	-1.90368	27.6473	11.4002	0.366527	1
cg09786479	0.0210573	2.02832	2.02832	4.91E-07	36.2716	36.2716	0.551354	1.16604	1.16604	0.962876	1.01193	1.01193	26.9805	27.7565	0.914452	1
cg09616608	0.942396	1.01124	1.01124	2.87E-05	0.280721	-3.56226	0.215343	0.817387	-1.22341	0.10515	1.31491	1.31491	24.6102	9.31805	0.336557	1
cg00846502	0.000928422	0.419916	-2.38143	0.351093	1.18344	1.18344	0.422008	0.865938	-1.15482	0.0207599	0.61352	-1.62994	24.0131	11.713	0.43358	1
cg02486209	0.677904	1.05913	1.05913	0.811383	1.03343	1.03343	0.0382186	0.718664	-1.39147	0.29947	0.86252	-1.15939	18.8334	5.64245	0.26631	1
cg04432454	0.854036	0.952602	-1.04976	0.00026554	0.20618	-4.85013	0.621105	0.876891	-1.14039	0.33658	1.29854	1.29854	16.0983	17.7253	0.978726	1
cg00498059	0.092923	1.59146	1.59146	4.89E-06	13.7686	13.7686	0.680857	0.90127	-1.10955	0.682756	1.10881	1.10881	14.1328	14.1415	0.889438	1
cg09805889	0.706993	0.974197	-1.02649	0.0203094	0.823924	-1.2137	0.0458546	1.17169	1.17169	0.937431	1.00545	1.00545	12.043	0.914105	0.0674698	1
cg10326234	0.894733	0.97579	-1.02481	0.253416	1.24709	1.24709	0.862758	0.968477	-1.03255	0.47416	1.14425	1.14425	11.0252	5.98431	0.482477	1
cg02200944	0.670068	0.931316	-1.07375	0.0116616	1.68769	1.68769	0.979832	0.995812	-1.00421	0.524062	0.898349	-1.11315	10.4691	4.57067	0.388076	1
cg05646515	0.0348311	1.77449	1.77449	0.00095456	3.15112	3.15112	0.0343551	1.77804	1.77804	0.860799	0.959901	-1.04177	10.1356	8.72698	0.765351	1
cg08531623	0.778232	1.02808	1.02808	0.000783044	1.64573	1.64573	0.00166898	1.55426	1.55426	0.0440405	0.796954	-1.25478	9.94573	1.51546	0.135443	1
cg16661393	0.00874072	0.515202	-1.94098	0.00709997	0.501308	-1.99478	0.69126	0.923806	-1.08248	0.561381	1.12366	1.12366	9.80125	6.11873	0.554916	1
cg26978368	0.672578	0.954043	-1.04817	0.000684318	1.77555	1.77555	0.723717	0.961479	-1.04006	0.0122798	1.41225	1.41225	9.61909	1.86617	0.172451	1
cg08678437	0.309054	1.11	1.11	0.00727431	1.40942	1.40942	0.524459	0.938061	-1.06603	0.0833109	0.826923	-1.2093	9.40306	1.46343	0.13834	1
cg10455282	0.279165	1.13642	1.13642	0.00290322	1.59237	1.59237	0.38264	1.10712	1.10712	0.066355	0.791331	-1.26369	8.83624	1.80779	0.181856	1
cg10400804	0.404906	1.11814	1.11814	0.000534315	2.02626	2.02626	0.0954535	1.27126	1.27126	0.130879	0.80756	-1.2383	8.83383	2.40209	0.241706	1
cg00792022	0.0199274	1.48095	1.48095	0.00308314	1.76143	1.76143	0.90029	0.982633	-1.01767	0.557139	1.08653	1.08653	8.47826	2.62292	0.274995	1
cg06835404	0.0744548	0.663394	-1.5074	0.457406	0.855328	-1.16914	0.960204	1.01036	1.01036	0.0027322	0.425633	-2.34944	8.29053	5.59886	0.600294	1
cg07936928	0.0736529	1.43485	1.43485	0.0721475	0.695315	-1.4382	0.111985	1.36801	1.36801	0.736076	1.06317	1.06317	8.28921	4.30375	0.46151	1
cg19605644	0.052531	1.50252	1.50252	0.00812503	1.86985	1.86985	0.0157517	1.72721	1.72721	0.0482848	1.51711	1.51711	8.19436	4.42713	0.480236	1
cg06334495	0.769878	1.06803	1.06803	9.41E-05	4.76764	4.76764	0.583459	1.13231	1.13231	0.494456	1.16845	1.16845	7.62313	6.07869	0.708801	1
cg07274572	0.654476	0.889537	-1.12418	0.0202927	2.06904	2.06904	0.107329	1.57886	1.57886	0.375616	1.26652	1.26652	7.47531	7.99361	0.950521	1
cg01495521	0.00828585	0.69743	-1.43384	0.00126273	1.65269	1.65269	0.160267	0.852022	-1.17368	0.0955124	1.21591	1.21591	7.41314	1.33796	0.160431	1
cg07502868	0.0115434	0.541583	-1.84644	0.00328778	2.17621	2.17621	0.112207	1.399	1.399	0.64243	0.913221	-1.09502	6.84794	4.08786	0.53062	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27578227	LMF1	0.00689861	0.567829	1.13823	1.13823	0.012583	0.498669	-2.00534	0.164007	1.39516	1.39516	0.000424437	0.286015	-3.49632	0.296952	1.2744	1.2744	0.070515	1.57341	1.57341	0.242465	1.31561	1.31561	0.447256	1.18969	1.18969	0.948248	1.01466	1.01466	6.64527	5.29189	0.707858	1
cg05717959	LMF1	0.00704799	0.000403324	0.347202	-2.88017	0.655608	0.919053	-1.08808	0.297122	0.81606	-1.2254	0.97088	0.993159	-1.00689	0.340214	1.20302	1.20302	0.177322	1.30947	1.30947	0.00481815	2.02038	2.02038	0.614838	0.909002	-1.10011	0.696227	0.928875	-1.07657	6.60104	3.69692	0.497823	1
cg03178232	LMF1	0.00706315	0.564519	1.08933	1.08933	0.00121515	0.498716	-2.00515	0.24364	1.19629	1.19629	0.790739	0.961683	-1.03984	0.0984609	0.76627	-1.30502	0.0962502	0.76466	-1.30777	0.00342448	1.79356	1.79356	0.0555392	0.727043	-1.37543	0.853036	1.02762	1.02762	6.59662	2.25487	0.303842	1
cg27116577	LMF1	0.00713466	0.074874	1.28199	1.28199	0.954081	1.00724	1.00724	0.953102	1.00739	1.00739	0.653705	0.945024	-1.05817	0.0031439	0.603219	-1.65777	0.597732	1.06895	1.06895	0.000919726	1.85899	1.85899	0.061606	0.768258	-1.30165	0.548583	0.926809	-1.07897	6.57591	1.63295	0.220732	1
cg01752189	LMF1	0.0107871	0.52166	0.858988	-1.16416	0.00226341	0.367955	-2.71772	0.0974521	0.65337	-1.53053	0.545292	1.15403	1.15403	0.00044613	0.273476	-3.65662	0.791941	0.940003	-1.06383	0.465378	0.840405	-1.1899	0.369914	0.806143	-1.24047	0.778382	0.936103	-1.06826	5.7687	5.00396	0.771052	1
cg01735558	LMF1	0.0119937	0.649208	0.894694	-1.1177	0.693013	0.908091	-1.10121	0.000525514	0.269032	-3.71703	0.0679651	0.608519	-1.64333	0.00261038	0.363105	-2.75402	0.0820753	0.626185	-1.59697	0.148075	0.6859	-1.45794	0.0794741	0.623127	-1.60481	0.576601	0.871912	-1.1469	5.57444	5.21271	0.831209	1
cg00863661	LMF1	0.0130825	0.0180216	0.491249	-2.03563	0.0846238	1.60293	1.60293	0.720525	0.914965	-1.09294	0.480954	1.19389	1.19389	0.0222278	0.507627	-1.96995	0.863601	0.958356	-1.04345	0.00168725	3.03505	3.03505	0.277906	1.32198	1.32198	0.880984	1.03776	1.03776	5.41894	5.25222	0.861541	1
cg26621778	LMF1	0.0133964	0.231638	0.857335	-1.16641	0.2167	0.852582	-1.17291	0.120943	0.813563	-1.22916	0.913458	0.98675	-1.01343	0.176709	1.19267	1.19267	0.045387	1.32525	1.32525	0.000647568	1.90011	1.90011	0.44989	0.909858	-1.09907	0.680586	0.950481	-1.0521	5.37708	1.28195	0.211919	1
cg09323092	LMF1	0.0145637	0.0292259	0.658495	-1.51862	0.0605755	1.41071	1.41071	0.00125428	0.464782	-2.15155	0.471201	1.12659	1.12659	0.0554361	0.702541	-1.4234	0.822021	0.964023	-1.03732	0.401606	1.14982	1.14982	0.338918	1.17386	1.17386	0.474257	1.12563	1.12563	5.23145	2.19121	0.372313	1
cg09461851	LMF1	0.016181	0.961926	0.988645	-1.01149	0.222221	0.735726	-1.3592	0.373354	0.803625	-1.24436	0.622488	0.888059	-1.12605	0.0667864	0.611612	-1.63502	0.00101379	0.311489	-3.21039	0.0367997	1.7865	1.7865	0.101223	1.53625	1.53625	0.360346	0.798539	-1.25229	5.05205	4.57934	0.805718	1
cg09083178	LMF1	0.0167019	0.0569721	1.43742	1.43742	0.0726618	0.713661	-1.40123	0.468407	1.13233	1.13233	0.969277	1.00651	1.00651	0.154	1.29316	1.29316	0.314039	0.839124	-1.19172	0.0175725	1.62698	1.62698	0.555722	1.1056	1.1056	0.00132373	2.19624	2.19624	4.99895	2.24669	0.399494	1
cg03567120	LMF1	0.0170047	0.23954	0.749053	-1.33502	0.0195676	1.93841	1.93841	0.028176	0.544384	-1.83694	0.291432	1.29282	1.29282	0.00511342	0.419837	-2.38188	0.104711	1.51592	1.51592	0.665544	0.903	-1.10742	0.214945	1.35833	1.35833	0.21519	1.35808	1.35808	4.96902	4.33162	0.774867	1
cg04242644	LMF1	0.0174306	0.0992972	0.823404	-1.21447	0.0286967	0.757661	-1.31985	0.05402	1.26516	1.26516	0.00907833	0.700082	-1.4284	0.00241966	0.634931	-1.57497	0.944681	0.992565	-1.00749	0.234514	0.874578	-1.14341	0.414797	0.914255	-1.09379	0.407076	0.91283	-1.09549	4.92803	0.902679	0.16282	1
cg07630787	LMF1	0.0177871	0.0176991	0.284283	-3.51763	0.00631993	0.212154	-4.71355	0.0341221	0.340263	-2.9389	0.248158	0.590739	-1.6928	0.00471824	0.194581	-5.13924	0.0780127	0.425793	-2.34856	0.00442621	0.190893	-5.23854	0.0864144	0.437848	-2.2839	0.18422	0.541102	-1.84808	4.89466	14.7369	2.67628	1
cg05290056	LMF1	0.0187194	0.0212494	0.371572	-2.69127	0.244326	0.646966	-1.54568	0.108461	0.53472	-1.87014	0.853109	1.06851	1.06851	0.000864228	0.167316	-5.9767	0.0713898	0.486797	-2.05424	0.0534531	0.456459	-2.19078	0.874507	1.05813	1.05813	0.36833	1.39146	1.39146	4.81118	9.73976	1.79947	1
cg00554442	LMF1	0.0191977	?	?	?	0.246738	2.10314	2.10314	0.531526	1.4755	1.4755	0.283897	0.504943	-1.98042	0.118598	0.353503	-2.82883	0.916947	1.06612	1.06612	0.000613215	25.4953	25.4953	0.849316	0.889814	-1.12383	0.940872	0.95549	-1.04658	4.85754	25.7622	5.30354	1
cg05799600	LMF1	0.0233054	0.255082	1.27482	1.27482	0.616573	1.10867	1.10867	0.0301905	0.594021	-1.68344	0.878086	0.969119	-1.03186	0.00187946	0.406262	-2.46146	0.431685	0.848752	-1.1782	0.67673	1.08946	1.08946	0.085493	1.47468	1.47468	0.161007	1.35789	1.35789	4.4645	2.95251	0.58785	1
cg27118937	LMF1	0.0242009	0.513862	0.76036	-1.31517	0.131128	0.509405	-1.96307	0.047057	0.390437	-2.56123	0.758037	1.1364	1.1364	0.00229224	0.171349	-5.83604	0.00372974	0.197731	-5.05737	0.786296	0.893635	-1.11903	0.609989	0.808249	-1.23724	0.0639773	0.42252	-2.36675	4.40666	11.9513	2.41076	1
cg08286957	LMF1	0.024657	0.272528	0.813548	-1.22918	0.319964	1.20404	1.20404	0.855275	0.96755	-1.03354	0.0127401	1.7493	1.7493	0.00413538	0.499205	-2.00319	0.588034	0.905908	-1.10386	0.43981	0.867316	-1.15298	0.039972	1.53565	1.53565	0.976245	1.00539	1.00539	4.3782	2.26368	0.459585	1
cg04317707	LMF1	0.0286251	0.333256	0.672273	-1.48749	0.153791	1.83592	1.83592	0.468104	0.745483	-1.34141	0.0456021	2.48927	2.48927	0.00217056	0.180539	-5.53897	0.813873	0.910435	-1.09838	0.108628	2.00623	2.00623	0.609746	1.2273	1.2273	0.42895	0.72523	-1.37887	4.1553	10.4174	2.22845	1
cg10071431	LMF1	0.0304519	0.291336	0.581662	-1.71921	0.0909985	0.397986	-2.51265	0.00650884	0.173773	-5.75464	0.585219	1.31356	1.31356	0.0044771	0.153239	-6.52575	0.0971303	0.406151	-2.46214	0.0244658	0.265406	-3.76781	0.669292	0.808454	-1.23693	0.845735	1.1012	1.1012	4.06517	15.7679	3.4478	1
cg03582827	LMF1	0.032857	0.116565	0.35709	-2.80042	0.089444	0.322764	-3.09823	0.129988	0.372425	-2.6851	0.397691	1.68701	1.68701	0.0398587	0.238173	-4.19864	0.499573	0.661077	-1.51268	0.0399073	4.19672	4.19672	0.0170423	5.79278	5.79278	0.48992	0.654725	-1.52736	3.95622	22.8505	5.13409	1
cg08145839	LMF1	0.0334014	0.015918	0.204875	-4.88102	0.629569	1.29821	1.29821	0.622683	1.30516	1.30516	0.42784	1.5445	1.5445	0.00809319	0.161857	-6.1783	0.00837506	0.163834	-6.10372	0.250442	0.524716	-1.90579	0.658067	1.27021	1.27021	0.534465	0.713312	-1.40191	3.93292	17.9618	4.05958	1
cg04524770	LMF1	0.0346109	0.203155	0.729192	-1.37138	0.0827709	0.636569	-1.57092	0.00159145	0.34461	-2.90183	0.202916	0.729057	-1.37164	0.0814592	0.635074	-1.57462	0.0669807	0.617096	-1.62049	0.0114817	0.475476	-2.10316	0.171955	0.710463	-1.40753	0.170682	0.709647	-1.40915	3.8828	3.39882	0.778093	1
cg03728898	LMF1	0.0354231	0.040938	0.649209	-1.54034	0.0239213	1.63788	1.63788	0.200192	1.28118	1.28118	0.743551	0.941659	-1.06196	0.0103452	0.553525	-1.8066	0.287178	0.816798	-1.22429	0.168471	1.30828	1.30828	0.332957	0.832872	-1.20066	0.642377	0.917932	-1.08941	3.85034	2.04463	0.472024	1
cg09080920	LMF1	0.0356511	0.0345053	0.62587	-1.59778	0.85897	1.03243	1.03243	0.555999	0.89828	-1.11324	0.940066	1.01358	1.01358	0.629193	0.916195	-1.09147	0.0953681	0.711558	-1.40537	0.00255657	2.34738	2.34738	0.937342	1.01421	1.01421	0.360519	0.843387	-1.1857	4.75425	2.30789	0.323625	1
cg08018572	LMF1	0.0362789	0.662764	0.714218	-1.40013	0.00116961	0.0258685	-38.6571	0.0681775	0.208785	-4.78962	0.481749	1.73055	1.73055	0.346302	0.475265	-2.10409	0.665599	0.7164	-1.39587	0.355475	0.482371	-2.07309	0.194325	2.86666	2.86666	0.6085	1.48625	1.48625	3.81711	35.5649	8.28197	1
cg14766885	LMF1	0.036635	0.737129	1.07463	1.07463	0.028719	0.576232	-1.73541	0.0385605	0.599288	-1.66865	0.51192	1.15272	1.15272	0.671505	0.91289	-1.09542	0.105813	0.685606	-1.45856	0.0060164	2.15294	2.15294	0.533878	0.874053	-1.1441	0.935832	0.982943	-1.01735	3.80358	2.74991	0.642649	1
cg09878267	LMF1	0.0375782	0.151156	0.693585	-1.44179	0.0947722	0.646135	-1.54766	0.272428	0.762076	-1.3122	0.621005	0.888212	-1.12586	0.000661435	0.289282	-3.45684	0.122204	0.671374	-1.48948	0.113828	0.664189	-1.50559	0.491516	0.846887	-1.18079	0.455691	0.834674	-1.19807	3.76848	3.37664	0.796465	1
cg05956518	LMF1	0.0394043	0.709924	1.10138	1.10138	0.180515	1.44413	1.44413	0.209649	0.710551	-1.40736	0.618304	0.878255	-1.13862	0.0764316	1.66428	1.66428	0.136759	1.51326	1.51326	0.00282978	2.89382	2.89382	0.0336328	1.89899	1.89899	0.198694	1.42052	1.42052	3.70353	3.9177	0.940293	1
cg01037989	LMF1	0.0411506	0.780737	1.03097	1.03097	0.341218	1.11316	1.11316	0.698631	1.04344	1.04344	0.178631	0.855395	-1.16905	0.00321061	0.644278	-1.55212	0.940669	0.991897	-1.00817	0.375673	1.10449	1.10449	0.04651	1.28302	1.28302	0.135577	0.838766	-1.19223	3.64479	0.689687	0.1682	1
cg26450359	LMF1	0.0414074	0.0366833	0.211778	-4.72193	0.0317879	4.99911	4.99911	0.0431209	4.42805	4.42805	0.6658	1.32031	1.32031	0.0440008	0.227652	-4.39267	0.228354	0.445544	-2.24445	0.197625	0.418612	-2.38885	0.411444	1.71093	1.71093	0.467953	0.623606	-1.60358	3.63642	23.5487	5.75627	1
cg05916446	LMF1	0.0429587	0.27923	1.37967	1.37967	0.0266666	2.11996	2.11996	0.0922841	1.69911	1.69911	0.0246835	2.14955	2.14955	0.50224	0.822982	-1.21509	0.0915123	1.70168	1.70168	0.0149097	2.35509	2.35509	0.0422814	1.95271	1.95271	0.0249064	2.14608	2.14608	3.58713	4.64997	1.15226	1
cg07338658	LMF1	0.0439396	0.0645561	1.98313	1.98313	0.0197945	2.5292	2.5292	0.0460013	2.12569	2.12569	0.0996308	1.81323	1.81323	0.408178	1.32178	1.32178	0.469936	1.27432	1.27432	0.00765193	3.09726	3.09726	0.0372765	2.21929	2.21929	0.0188579	2.55491	2.55491	3.55709	6.12607	1.53086	1
cg06452013	LMF1	0.0445871	0.0355389	0.545343	-1.83371	0.477313	0.836085	-1.19605	0.0419901	0.559537	-1.78719	0.0298615	1.88367	1.88367	0.225985	0.729772	-1.37029	0.33134	0.780099	-1.28189	0.0447478	1.76978	1.76978	0.604504	1.13821	1.13821	0.387538	0.802964	-1.24539	3.53771	3.43967	0.864255	1
cg08074182	LMF1	0.0453705	0.834903	1.04478	1.04478	0.00156775	0.385396	-2.59473	0.875204	1.03354	1.03354	0.847443	1.04125	1.04125	0.309171	1.2472	1.2472	0.967484	0.991481	-1.00859	0.132101	1.40653	1.40653	0.446361	0.849663	-1.17694	0.217009	1.31342	1.31342	3.51471	2.4523	0.6202	1
cg27622515	LMF1	0.0480053	0.585589	1.09651	1.09651	0.3896	0.862834	-1.15897	0.968802	1.00657	1.00657	0.0963035	1.3574	1.3574	0.0313461	0.655345	-1.52591	0.00381775	1.92075	1.92075	0.56568	0.907404	-1.10205	0.813363	0.961197	-1.04037	0.938531	0.987177	-1.01299	3.44083	1.52595	0.394209	1
cg03552086	LMF1	0.0490989	0.314423	0.831341	-1.20288	0.135462	0.751486	-1.3307	0.0104815	0.564399	-1.7718	0.711748	1.06812	1.06812	0.010056	0.561697	-1.78032	0.579176	0.90532	-1.10458	0.633752	1.08896	1.08896	0.298084	0.825705	-1.21109	0.103117	1.37242	1.37242	3.41161	1.70342	0.443822	1
cg16886487	LMF2	0.000426867	0.0008613	0.458805	-2.17957	0.00436346	0.552676	-1.80938	0.132886	1.28722	1.28722	0.90652	0.981874	-1.01846	2.28E-05	0.266959	-3.7459	0.14611	0.7843	-1.27502	0.0877777	1.34102	1.34102	0.0953832	1.33016	1.33016	0.785815	1.04333	1.04333	14.9299	5.73373	0.341371	1
cg00984370	LMF2;NCAPH2;NCAPH2	0.00479529	0.0411505	1.25735	1.25735	0.391051	0.918127	-1.08917	0.239856	0.887255	-1.12707	0.818474	0.977903	-1.0226	0.148099	0.860016	-1.16277	0.33983	0.90881	-1.10034	9.00E-05	0.506147	-1.97571	0.792173	1.026	1.026	0.567841	1.05772	1.05772	7.43273	1.11215	0.133003	1
cg06821774	LMLN;IQCG;LMLN;LMLN;LMLN	0.0001258	4.07E-05	0.122825	-8.14168	0.00240745	0.322319	-3.10252	0.0150494	0.449197	-2.22619	0.966945	0.988963	-1.01116	0.000104655	0.159406	-6.27329	0.00123324	0.282154	-3.54416	9.90E-05	0.157094	-6.36563	9.51E-05	0.155435	-6.43358	0.00541075	0.375132	-2.66572	20.8195	23.6521	1.00982	1
cg21032583	LMLN;IQCG;LMLN;LMLN;LMLN	0.0045399	0.908352	0.977225	-1.02331	0.659958	0.915234	-1.09262	0.0068844	0.496619	-2.01362	0.631093	0.907746	-1.10163	0.130588	1.38627	1.38627	0.584533	1.11679	1.11679	0.09336	1.44662	1.44662	0.703756	0.926418	-1.07943	0.000164453	0.276579	-3.6156	7.55745	4.7904	0.563435	1
cg16704241	LMLN;IQCG;LMLN;LMLN;LMLN	0.00663297	0.0043668	0.234884	-4.25742	0.0539049	0.434907	-2.29934	0.804594	0.909996	-1.09891	0.770926	0.894865	-1.11749	0.0105424	0.293973	-3.40167	0.0195972	0.341972	-2.92422	0.000648981	0.136702	-7.31519	0.332898	0.683835	-1.46234	0.00588815	0.253828	-3.93968	6.72694	15.4229	2.03796	1
cg11787839	LMLN;IQCG;LMLN;LMLN;LMLN	0.0159281	0.00437642	0.308479	-3.24172	0.234111	1.47026	1.47026	0.00705224	2.93343	2.93343	0.818661	1.07354	1.07354	0.014852	0.396144	-2.52434	0.963765	0.98606	-1.01414	0.320466	0.728171	-1.3733	0.909692	1.03568	1.03568	0.446602	1.2709	1.2709	5.07859	7.68057	1.34431	1
cg16964569	LMLN;IQCG;LMLN;LMLN;LMLN	0.0366318	0.488444	0.705345	-1.41775	0.361531	1.59231	1.59231	0.0555657	2.93296	2.93296	0.00212099	0.117388	-8.51876	0.111636	0.423436	-2.36163	0.128435	0.442631	-2.25922	0.389768	0.645903	-1.54822	0.769658	0.864478	-1.15677	0.954742	0.972244	-1.02855	3.8037	14.8186	3.46297	1
cg18979819	LMLN;IQCG;LMLN;LMLN;LMLN;IQCG	0.0212805	0.0312641	1.71738	1.71738	0.509707	1.15387	1.15387	0.00137508	2.70015	2.70015	0.0805701	1.514	1.514	0.0179353	1.85069	1.85069	0.050621	1.61071	1.61071	0.128316	1.42163	1.42163	0.236541	1.30398	1.30398	0.0125766	1.94283	1.94283	4.6061	3.34102	0.644752	1
cg20767722	LMLN;LMLN;LMLN;LMLN	0.0284877	0.717442	1.06351	1.06351	0.292119	0.830932	-1.20347	0.0202062	0.62214	-1.60735	0.14333	0.766069	-1.30536	0.0245875	0.635302	-1.57405	0.0840711	1.38248	1.38248	0.0204104	1.60563	1.60563	0.812831	1.04101	1.04101	0.243978	1.22943	1.22943	4.16236	1.89271	0.404195	1
cg09016639	LMNA;LMNA;LMNA	9.48E-06	0.0282313	0.607975	-1.6448	0.366609	0.836814	-1.19501	0.560252	0.893035	-1.11978	0.475527	1.14954	1.14954	0.19719	1.29934	1.29934	7.76E-08	0.0324014	-30.8629	0.1068	1.40242	1.40242	0.638235	0.913053	-1.09523	0.904507	0.977211	-1.02332	41.1355	24.0356	0.51938	1
cg26667550	LMNA;LMNA;LMNA	0.000423978	0.0302174	0.660604	-1.51377	0.103787	1.33565	1.33565	0.58643	0.914505	-1.09349	0.119571	1.31626	1.31626	0.0138076	0.609487	-1.64073	0.0891068	1.35669	1.35669	8.98E-05	0.319818	-3.12678	0.000222021	2.7194	2.7194	0.266711	1.20716	1.20716	14.958	6.27093	0.372655	1
cg21452188	LMNA;LMNA;LMNA	0.000603454	0.126672	0.745755	-1.34092	0.0215633	0.612597	-1.63239	0.000430968	0.37199	-2.68824	0.00365437	0.497572	-2.00976	0.569205	0.902893	-1.10755	0.348198	1.18708	1.18708	2.10E-05	0.218213	-4.58268	0.901935	1.02213	1.02213	0.210603	0.791177	-1.26394	13.5622	6.77214	0.443859	1
cg09219721	LMNA;LMNA;LMNA	0.000956529	0.00874983	0.755392	-1.32382	0.273629	0.908746	-1.10042	0.000825839	1.52662	1.52662	0.00072016	0.649051	-1.54071	0.49082	0.942911	-1.06055	0.0441645	0.823488	-1.21435	0.0148653	0.777519	-1.28614	0.0117477	0.76769	-1.30261	0.0181932	1.27232	1.27232	11.9156	1.33142	0.0993222	1
cg08881019	LMNA;LMNA;LMNA	0.031379	0.0170783	0.253472	-3.94521	0.0116389	0.225682	-4.43102	0.0583106	0.364217	-2.74561	0.0462447	0.340285	-2.93871	0.0143568	0.240554	-4.15707	0.185209	0.515172	-1.9411	0.0119031	0.227234	-4.40075	0.0448601	0.337267	-2.96501	0.0792584	0.398628	-2.50861	4.02196	14.1948	3.13717	1
cg18811819	LMNA;LMNA;LMNA	0.0347054	0.677314	0.901751	-1.10895	0.319389	0.775466	-1.28955	0.767456	0.929339	-1.07603	0.0287855	0.52875	-1.89125	0.00156377	0.32527	-3.07437	0.639682	0.890012	-1.12358	0.314836	1.29286	1.29286	0.205705	1.39084	1.39084	0.234756	0.735077	-1.3604	3.87897	3.75187	0.859762	1
cg15673731	LMNA;LMNA;LMNA;LMNA;LMNA;LMNA	0.00675159	0.074851	0.827024	-1.20915	0.190064	1.14208	1.14208	0.813702	1.02285	1.02285	0.00782331	1.38647	1.38647	0.753679	0.970317	-1.03059	0.252879	0.891976	-1.12111	0.00115831	0.633287	-1.57906	0.634289	0.955163	-1.04694	0.00788601	0.72162	-1.38577	6.68998	0.97085	0.128996	1
cg20986134	LMNB1	4.11E-06	0.849685	1.03899	1.03899	0.0750022	1.49149	1.49149	0.120632	1.4041	1.4041	2.01E-07	0.0413208	-24.2009	0.588967	0.895844	-1.11627	4.12E-06	0.116328	-8.59641	0.00739842	2.00517	2.00517	0.148474	0.731627	-1.36682	0.00191199	2.42589	2.42589	51.0611	32.874	0.572282	1
cg25022925	LMNB1	0.00300504	0.44074	0.94593	-1.05716	0.134332	1.12092	1.12092	0.180544	1.10576	1.10576	0.720145	1.02576	1.02576	0.00964331	1.26064	1.26064	0.0028156	0.747555	-1.33769	0.000664875	0.691841	-1.44542	0.0620033	1.16018	1.16018	0.396909	0.94051	-1.06325	8.55388	0.677221	0.0703744	1
cg01077085	LMNB1	0.0090394	0.0086424	0.415153	-2.40875	0.95127	0.98408	-1.01618	0.00492364	2.65961	2.65961	0.0314808	0.515591	-1.93952	0.77795	0.928452	-1.07706	0.0202276	0.479359	-2.08612	0.0341195	0.522428	-1.91414	0.534503	1.17961	1.17961	0.0408807	0.538084	-1.85845	6.10391	6.66586	0.970724	1
cg18262958	LMNB1	0.0370154	0.637904	1.41313	1.41313	?	?	?	0.397161	1.88931	1.88931	0.176055	0.342906	-2.91625	0.604742	1.4639	1.4639	0.128692	0.292524	-3.41853	0.00522322	19.7891	19.7891	0.110165	3.69703	3.69703	0.0267233	7.66144	7.66144	4.73723	33.623	5.32319	1
cg22183605	LMNB1	0.0481954	0.184581	1.29547	1.29547	0.640017	1.09051	1.09051	0.0826154	0.702135	-1.42423	0.142121	1.33684	1.33684	0.358389	1.18974	1.18974	0.695826	0.930273	-1.07495	0.00289655	0.470821	-2.12395	0.591622	0.905178	-1.10476	0.744052	0.941514	-1.06212	3.43569	1.84133	0.476394	1
cg23953133	LMNB1;LMNB1	0.00978466	0.0293037	0.829934	-1.20492	0.0337388	0.835248	-1.19725	0.22283	0.911189	-1.09747	0.984033	0.998548	-1.00145	0.227912	0.912204	-1.09625	0.853838	1.01348	1.01348	0.000241273	0.64339	-1.55427	0.422127	0.942203	-1.06134	0.266979	1.08759	1.08759	5.95188	0.49691	0.0742114	1
cg14064399	LMNB1;LMNB1	0.0287159	0.971788	0.990607	-1.00948	0.660035	1.12538	1.12538	0.389717	1.26518	1.26518	0.00166356	0.301056	-3.32164	0.0388663	0.528241	-1.89307	0.573472	1.16392	1.16392	0.18233	0.685427	-1.45894	0.140103	1.52747	1.52747	0.183345	0.6861	-1.45751	4.15065	4.68144	1.00256	1
cg23977209	LMNB2	1.36E-05	2.35E-05	0.34672	-2.88417	0.259052	0.862711	-1.15914	0.00110619	0.547178	-1.82756	0.047409	0.752426	-1.32903	1.75E-05	0.332148	-3.01071	1.26E-05	0.315774	-3.16682	4.09E-06	0.261913	-3.81806	0.159598	1.20742	1.20742	8.53E-05	0.412616	-2.42356	37.4359	9.3256	0.22143	1
cg12055114	LMNB2	0.00136626	0.0137002	2.01544	2.01544	0.00227307	0.374754	-2.66842	0.0199703	0.524319	-1.90724	0.0309463	0.558525	-1.79043	0.02007	0.524698	-1.90586	0.0469017	1.68707	1.68707	0.00177244	0.359367	-2.78267	0.00184771	0.361917	-2.76306	0.0267481	0.546946	-1.82833	10.7646	9.01175	0.744146	1
cg09035784	LMNB2	0.0055133	0.160426	0.759082	-1.31738	0.00177486	0.441278	-2.26615	0.496488	0.880803	-1.13533	0.720827	1.06819	1.06819	0.000219645	0.322354	-3.10218	0.34714	0.83698	-1.19477	0.288331	1.22462	1.22462	0.114796	0.729608	-1.3706	0.284519	0.815166	-1.22674	7.12227	3.81169	0.475715	1
cg19278629	LMNB2	0.00978667	0.213655	1.17727	1.17727	0.0278605	1.38254	1.38254	0.000938085	1.85003	1.85003	0.0808038	1.27292	1.27292	0.272263	1.15306	1.15306	0.638554	1.06074	1.06074	0.000770284	1.88635	1.88635	0.628602	1.06263	1.06263	0.361373	1.12405	1.12405	5.95149	1.46411	0.218673	1
cg10777596	LMNB2	0.0123241	0.0161877	1.72826	1.72826	0.777753	1.05404	1.05404	0.230751	0.791493	-1.26343	0.560864	0.896396	-1.11558	0.0305301	0.623271	-1.60444	0.599572	1.10355	1.10355	0.000885852	2.52562	2.52562	0.214118	1.27543	1.27543	0.702499	1.07399	1.07399	5.52545	3.02738	0.48702	1
cg08483980	LMNB2	0.0127101	0.0144003	0.515478	-1.93995	0.0752612	0.647179	-1.54517	0.109739	0.681785	-1.46674	0.574186	1.13284	1.13284	0.00034576	0.282279	-3.54259	0.124733	0.694108	-1.4407	0.153951	0.715106	-1.39839	0.722209	0.924575	-1.08158	0.0830226	0.655964	-1.52447	5.47026	4.18143	0.679461	1
cg00556614	LMNB2	0.020265	0.0400063	1.46844	1.46844	0.00904314	0.584449	-1.71101	0.16524	1.27073	1.27073	0.00900842	1.71171	1.71171	0.568667	1.09774	1.09774	0.0311079	1.50614	1.50614	0.353209	1.16722	1.16722	0.492307	0.893255	-1.1195	0.218781	1.23289	1.23289	4.68355	1.94355	0.368864	1
cg18610079	LMNB2	0.0266251	0.00189536	0.281212	-3.55604	0.816637	1.06923	1.06923	0.396325	0.778536	-1.28446	0.16514	1.53222	1.53222	0.761242	1.09181	1.09181	0.0611075	1.83721	1.83721	0.0511356	1.89676	1.89676	0.430267	1.26116	1.26116	0.786017	0.924568	-1.08159	4.2625	5.60757	1.16939	1
cg13499773	LMNB2	0.0306333	0.558488	0.821858	-1.21676	0.00345731	0.268126	-3.72959	0.0573903	0.490322	-2.03948	0.0172065	0.381955	-2.61811	0.384699	0.744149	-1.34382	0.906895	1.03956	1.03956	0.770815	0.90769	-1.1017	0.0288412	0.425459	-2.3504	0.0155753	0.374003	-2.67378	4.05659	7.06327	1.54772	1
cg22510943	LMNB2	0.0330799	0.797843	0.924277	-1.08193	0.0272284	0.448547	-2.22942	0.141675	1.62381	1.62381	?	?	?	?	?	?	0.63167	0.862283	-1.15971	0.347573	1.34542	1.34542	0.00873436	2.78689	2.78689	?	?	?	4.19769	4.17135	1.32497	1
cg05641348	LMNB2	0.0367715	0.00438985	0.336919	-2.96807	0.053896	0.534777	-1.86994	0.189441	0.671967	-1.48817	0.572531	0.849514	-1.17714	0.0479548	0.523799	-1.90913	0.134717	0.630517	-1.586	0.00638071	0.362338	-2.75985	0.0438833	0.515611	-1.93945	0.502745	0.823227	-1.21473	3.79843	4.92076	1.15153	1
cg08070578	LMNB2	0.0415524	0.758168	1.04675	1.04675	0.764484	0.95652	-1.04546	0.249859	1.19473	1.19473	0.854537	1.02752	1.02752	0.361559	0.870435	-1.14885	0.914034	1.0161	1.0161	0.00174508	0.516699	-1.93536	0.35407	0.868433	-1.1515	0.0566484	1.37604	1.37604	3.63171	1.25907	0.308166	1
cg09365533	LMNB2;TIMM13	9.66E-05	0.00292636	0.555342	-1.80069	0.001234	1.97333	1.97333	0.369139	1.14193	1.14193	0.0252295	1.46655	1.46655	0.000471257	0.453598	-2.20459	0.930799	0.98758	-1.01258	0.000542583	0.461315	-2.16771	1.74E-05	0.281833	-3.5482	0.964943	0.993696	-1.00634	22.3455	7.3274	0.291479	1
cg25629768	LMNB2;TIMM13	0.0162278	0.638626	1.1894	1.1894	0.00278264	4.53606	4.53606	0.00647074	3.66254	3.66254	0.0371862	2.42791	2.42791	0.53093	0.792354	-1.26206	0.891993	1.05108	1.05108	0.0912471	1.97795	1.97795	0.499086	0.777547	-1.2861	0.0116659	3.1766	3.1766	5.04719	10.7486	1.893	1
cg23059701	LMNB2;TIMM13	0.0173399	0.16149	0.612707	-1.6321	0.115584	1.75144	1.75144	0.0394718	2.18231	2.18231	0.054301	2.04518	2.04518	0.797563	0.919235	-1.08786	0.940706	0.975922	-1.02467	0.273724	1.45233	1.45233	0.00267115	0.25652	-3.89833	0.0728908	1.92604	1.92604	4.93666	8.39254	1.51115	1
cg26149485	LMNB2;TIMM13	0.0201673	0.11113	2.0167	2.0167	0.00414778	4.72679	4.72679	0.0070113	4.09243	4.09243	0.00813484	3.93238	3.93238	0.219387	1.68541	1.68541	0.091328	2.12027	2.12027	0.115205	1.99814	1.99814	0.947411	1.02702	1.02702	0.0130642	3.47083	3.47083	4.69126	12.1371	2.29971	1
cg21650086	LMO1	0.000309041	0.0538825	0.759129	-1.3173	0.93838	0.990312	-1.00978	0.218042	0.849462	-1.17722	0.114457	1.24132	1.24132	3.17E-06	0.248787	-4.0195	0.144642	0.820956	-1.21809	0.326658	0.880285	-1.136	0.329755	1.13501	1.13501	0.143179	0.820277	-1.2191	16.3169	4.09729	0.223206	1
cg24847169	LMO1	0.00077884	0.658742	1.11651	1.11651	0.86277	0.958008	-1.04383	0.000153928	0.200212	-4.99471	4.40E-05	0.146513	-6.82532	0.556143	1.15906	1.15906	0.251447	0.742969	-1.34595	0.177733	1.42639	1.42639	0.21968	0.726127	-1.37717	0.911352	0.972762	-1.028	12.6269	12.2959	0.865586	1
cg08035241	LMO1	0.0019322	0.457813	1.17757	1.17757	0.917939	0.977967	-1.02253	0.000139708	0.241219	-4.14561	0.00140364	0.367857	-2.71845	0.184852	1.3553	1.3553	0.597874	0.891302	-1.12195	0.0698326	1.55005	1.55005	0.0847514	0.662238	-1.51003	0.147816	1.39889	1.39889	9.7392	7.20894	0.657954	1
cg20775162	LMO1	0.00280666	0.186974	0.682429	-1.46535	0.00637722	0.379178	-2.63728	0.00122462	0.274711	-3.64019	0.00635572	0.378944	-2.63892	0.000121627	0.159915	-6.25331	0.344842	0.766599	-1.30446	0.182242	0.679269	-1.47217	0.140005	0.648069	-1.54305	0.231364	0.709681	-1.40908	8.72883	10.3164	1.05056	1
cg09188763	LMO1	0.00420616	0.0865877	0.707525	-1.41338	0.020689	1.66397	1.66397	0.464023	1.14593	1.14593	0.502945	1.1323	1.1323	0.600298	0.907889	-1.10146	0.00438777	2.00434	2.00434	0.00176103	0.442873	-2.25798	0.0118311	0.563021	-1.77613	0.18046	1.29686	1.29686	7.73428	4.09212	0.470301	1
cg13542461	LMO1	0.012124	0.00671347	0.385095	-2.59676	0.0833557	0.594341	-1.68254	0.417688	0.798667	-1.25209	0.171883	1.48404	1.48404	0.95562	1.01522	1.01522	0.185516	0.683117	-1.46388	0.001486	0.288223	-3.46953	0.104984	1.61752	1.61752	0.35802	1.29249	1.29249	5.55494	6.48247	1.03731	1
cg18179289	LMO1	0.0147165	0.862658	0.946942	-1.05603	0.0157656	0.393972	-2.53825	0.314483	0.720716	-1.38751	0.668006	1.14551	1.14551	0.00397564	0.29545	-3.38467	0.34952	1.35421	1.35421	0.00336358	0.284784	-3.51143	0.0609177	0.514225	-1.94467	0.0327457	0.455407	-2.19584	5.21346	8.1855	1.39562	1
cg02454501	LMO1	0.0166779	0.00896797	2.10127	2.10127	0.0447632	1.67315	1.67315	0.435198	1.19468	1.19468	0.0552456	0.615378	-1.62502	0.112052	0.679371	-1.47195	0.8397	1.04629	1.04629	0.009672	2.07814	2.07814	0.206147	1.34708	1.34708	0.133063	0.696233	-1.4363	5.00135	3.95393	0.702731	1
cg11102794	LMO1	0.0311295	0.797407	0.957208	-1.0447	0.0184617	0.615146	-1.62563	0.748567	0.946793	-1.0562	0.00616817	0.544799	-1.83554	0.0597319	0.696835	-1.43506	0.268575	1.21641	1.21641	0.693929	0.934969	-1.06955	0.260386	1.22089	1.22089	0.0805722	1.39026	1.39026	4.03343	1.8464	0.406911	1
cg25103007	LMO1	0.0430675	0.852286	1.04602	1.04602	0.471638	0.83801	-1.1933	0.154523	0.692242	-1.44458	0.00186594	0.344654	-2.90146	0.138608	0.680583	-1.46933	0.727815	0.919127	-1.08799	0.146156	0.686232	-1.45723	0.0207676	0.510764	-1.95785	0.0650619	0.606553	-1.64866	3.58376	3.3065	0.820121	1
cg04590170	LMO2	0.00426536	0.193849	0.573055	-1.74503	0.018947	0.316361	-3.16095	0.146447	0.531888	-1.8801	0.127366	0.512876	-1.94979	0.00159551	0.159686	-6.2623	0.131925	0.517582	-1.93206	0.0132665	0.288524	-3.46592	0.000779736	0.127652	-7.83379	0.000900658	0.133698	-7.47956	7.70166	20.0085	2.30929	1
cg09358725	LMO2	0.00673917	0.00503742	0.356983	-2.80125	0.0393056	1.93894	1.93894	0.869713	0.95544	-1.04664	0.00802754	0.389395	-2.56809	0.0017664	0.290324	-3.44443	0.612161	1.15254	1.15254	0.981644	1.00641	1.00641	0.227147	0.703223	-1.42202	0.0237852	0.472733	-2.11536	6.69381	8.17449	1.08551	1
cg08586426	LMO2	0.032701	0.0443283	0.319648	-3.12844	0.00173508	0.110166	-9.07725	0.124337	0.439699	-2.27428	0.458233	0.688691	-1.45203	0.0128415	0.217459	-4.59857	0.945893	0.967043	-1.03408	0.239637	0.544438	-1.83676	0.287077	0.579368	-1.72602	0.0454882	0.32219	-3.10376	3.96299	15.303	3.43243	1
cg11822932	LMO2;LMO2	0.00439073	0.265027	0.832578	-1.20109	0.0310147	1.49092	1.49092	0.00446837	0.549863	-1.81863	0.00797716	0.584838	-1.70988	0.195847	0.805926	-1.24081	0.722608	1.05783	1.05783	0.0112446	1.65028	1.65028	0.00981716	1.67345	1.67345	0.201428	0.808318	-1.23714	7.63441	3.0084	0.350274	1
cg05527996	LMO2;LMO2;LMO2	1.15E-06	0.00211765	1.38666	1.38666	0.0302124	1.21266	1.21266	0.0086099	1.28851	1.28851	0.104151	1.14388	1.14388	0.000277673	1.56849	1.56849	0.222705	1.1018	1.1018	0.0011038	0.694962	-1.43893	1.90E-08	5.03367	5.03367	7.10E-06	2.11936	2.11936	70.7652	6.41594	0.0805912	1
cg08134417	LMO2;LMO2;LMO2	3.56E-05	0.132986	0.797378	-1.25411	0.19633	1.21027	1.21027	0.00966894	1.5799	1.5799	0.733412	0.953368	-1.04891	0.000305355	2.26899	2.26899	0.419898	1.122	1.122	0.00217958	0.548488	-1.82319	1.09E-06	5.90278	5.90278	0.0023375	1.81031	1.81031	29.1145	8.99746	0.2747	1
cg06560887	LMO2;LMO2;LMO2	5.28E-05	0.0208268	0.480123	-2.0828	0.0464478	1.82501	1.82501	0.190029	1.44208	1.44208	0.00155423	3.31976	3.31976	0.000471629	4.25852	4.25852	0.000191246	5.24706	5.24706	0.0497129	0.554073	-1.80482	3.61E-06	17.5376	17.5376	0.000987057	3.63808	3.63808	26.2429	28.9144	0.97938	1
cg00894289	LMO2;LMO2;LMO2	0.000284674	0.581953	0.933827	-1.07086	0.656971	0.946452	-1.05658	0.765318	1.03755	1.03755	0.203808	0.847772	-1.17956	0.00810364	1.51809	1.51809	0.497419	0.918672	-1.08853	0.132893	0.819023	-1.22097	4.71E-05	2.57207	2.57207	3.68E-05	2.65815	2.65815	16.6878	4.00704	0.213438	1
cg01625368	LMO2;LMO2;LMO2	0.000444189	0.863631	0.985873	-1.01433	0.0422184	1.21371	1.21371	0.0917238	1.16611	1.16611	0.422015	1.07024	1.07024	0.0356028	1.2244	1.2244	0.250687	0.905435	-1.10444	0.000325561	0.61827	-1.61742	0.00673109	1.33751	1.33751	5.52E-05	1.8609	1.8609	14.7667	1.60202	0.0964339	1
cg17959448	LMO2;LMO2;LMO2	0.000981745	0.252651	0.808085	-1.23749	0.521435	1.12288	1.12288	0.210929	0.790517	-1.265	0.737306	0.941731	-1.06187	0.20857	1.26671	1.26671	0.156161	1.31069	1.31069	0.0978342	0.723332	-1.38249	8.91E-05	3.49377	3.49377	0.000223867	2.9899	2.9899	11.8281	5.95789	0.447738	1
cg07091355	LMO2;LMO2;LMO2	0.00158185	0.666195	0.903119	-1.10727	0.122117	0.67475	-1.48203	0.878611	0.964751	-1.03654	0.742454	0.925497	-1.0805	0.0195407	1.93984	1.93984	0.0691337	1.61202	1.61202	0.455061	0.8364	-1.1956	7.84E-05	5.35076	5.35076	0.001384	2.97027	2.97027	10.3204	9.01095	0.776111	1
cg24545466	LMO2;LMO2;LMO2	0.00834089	0.773747	0.912544	-1.09584	0.446284	0.781537	-1.27953	0.517564	0.811956	-1.23159	0.529601	1.22409	1.22409	0.000185089	0.134652	-7.42653	0.487426	0.799308	-1.25108	0.0320759	2.21951	2.21951	0.691648	0.881107	-1.13494	0.399551	1.31498	1.31498	6.26127	9.99713	1.41926	1
cg10677909	LMO2;LMO2;LMO2	0.00990009	0.310165	0.807008	-1.23915	0.142144	1.38018	1.38018	0.124214	1.4048	1.4048	0.591712	1.11689	1.11689	0.265872	1.26709	1.26709	0.969449	1.00785	1.00785	0.00621367	0.482684	-2.07175	0.00164475	2.50987	2.50987	0.0239371	1.73342	1.73342	5.92962	3.9152	0.586914	1
cg06148118	LMO2;LMO2;LMO2	0.016552	0.584077	1.20079	1.20079	0.292399	0.696594	-1.43556	0.0333833	0.439166	-2.27704	0.750787	0.899908	-1.11123	0.132883	1.71031	1.71031	0.403668	0.753639	-1.32689	0.17085	0.617135	-1.62039	0.00408204	3.58103	3.58103	0.0100522	2.93085	2.93085	5.01402	8.69954	1.54226	1
cg07132633	LMO2;LMO2;LMO2;LMO2	0.000379255	0.0221825	0.653142	-1.53106	0.180128	1.24748	1.24748	0.00350292	1.85017	1.85017	0.656537	1.072	1.072	0.00445711	1.8027	1.8027	0.526235	0.905055	-1.10491	0.0041511	1.8165	1.8165	5.92E-05	3.17252	3.17252	0.000211176	2.61758	2.61758	15.4249	5.89537	0.339732	1
cg11511443	LMO3	0.000631419	0.00268685	0.26379	-3.7909	1.79E-05	0.0598953	-16.6958	0.0131513	0.372456	-2.68488	0.254518	0.682372	-1.46548	0.0988174	0.559133	-1.78848	0.0208879	0.409434	-2.4424	0.000375225	0.160922	-6.21418	0.427609	0.770921	-1.29715	0.110639	0.57212	-1.74789	13.3917	21.8851	1.45264	1
cg10800369	LMO3	0.0213614	0.00737825	0.333784	-2.99595	0.0151944	0.387623	-2.57983	0.0569122	0.5042	-1.98334	0.0974988	0.56108	-1.78228	0.207595	1.52551	1.52551	0.197983	0.648931	-1.54099	0.0103725	0.358435	-2.78991	0.985367	1.00585	1.00585	0.320277	1.38596	1.38596	4.60013	7.35896	1.42198	1
cg10143811	LMO3;LMO3	0.0164264	0.0479234	0.508177	-1.96782	0.991446	0.996796	-1.00321	0.00708037	2.83399	2.83399	0.88059	1.04602	1.04602	0.0649874	0.537798	-1.85944	0.876214	0.95441	-1.04777	0.00316589	0.299124	-3.3431	0.555508	1.19541	1.19541	0.402361	1.29246	1.29246	5.02677	7.13361	1.26144	1
cg20060206	LMO3;LMO3	0.0196664	0.964779	0.993108	-1.00694	0.0019112	0.502331	-1.99072	0.518857	1.10786	1.10786	0.0265793	1.50938	1.50938	0.813817	1.03764	1.03764	0.38106	0.86873	-1.15111	0.050773	0.705686	-1.41706	0.042593	0.693731	-1.44148	0.741697	1.05317	1.05317	4.73151	1.8384	0.345373	1
cg13572309	LMO3;LMO3	0.034191	0.0597648	0.508161	-1.96788	0.0133352	0.376451	-2.65639	0.0505722	2.03403	2.03403	0.493498	1.24808	1.24808	0.152626	0.613725	-1.62939	0.590793	1.18884	1.18884	0.0169571	0.395346	-2.52943	0.891589	0.957473	-1.04442	0.382347	1.33043	1.33043	3.89995	6.27283	1.42972	1
cg01181415	LMO3;LMO3	0.0360299	0.475792	1.17648	1.17648	0.566812	1.13856	1.13856	0.0137054	1.9802	1.9802	0.308913	1.26622	1.26622	0.236949	0.757504	-1.32013	0.44561	1.19038	1.19038	0.00371552	0.415396	-2.40734	0.724459	1.08256	1.08256	0.501193	1.16535	1.16535	3.82668	3.0448	0.707269	1
cg26575637	LMO3;LMO3	0.041848	0.0504669	0.411188	-2.43198	0.0096154	0.270714	-3.69393	0.177621	0.564882	-1.77028	0.219784	0.597868	-1.67261	0.0127078	0.290982	-3.43663	0.208147	0.589177	-1.69728	0.006448	0.243602	-4.10505	0.174065	0.561889	-1.77971	0.11257	0.502269	-1.99096	3.62219	9.11685	2.23728	1
cg17736030	LMO3;LMO3;LMO3	0.0169366	0.897597	1.02201	1.02201	0.0673535	1.41423	1.41423	0.00102259	2.27779	2.27779	0.221335	1.24279	1.24279	0.47911	0.885457	-1.12936	0.114099	0.747805	-1.33725	0.0498234	0.685045	-1.45976	0.323042	1.18837	1.18837	0.969593	1.00647	1.00647	4.9757	2.25278	0.40245	1
cg17947461	LMO4	0.00027865	0.119117	1.06513	1.06513	0.00121768	1.19314	1.19314	0.030092	1.09983	1.09983	0.977406	0.998944	-1.00106	0.0594201	1.08261	1.08261	0.00462176	0.868862	-1.15093	5.02E-05	0.753006	-1.32801	0.00202155	1.17637	1.17637	0.172804	1.05561	1.05561	16.7856	0.369905	0.0195885	1
cg24046927	LMO4	0.0064157	0.00106325	0.690362	-1.44851	0.156559	0.890429	-1.12305	0.407081	0.937118	-1.0671	0.851368	1.01447	1.01447	0.973037	0.997415	-1.00259	0.0489342	0.841822	-1.1879	0.0343559	0.827769	-1.20807	0.00296886	1.36649	1.36649	0.58224	1.04347	1.04347	6.79684	0.631303	0.0825617	1
cg03129717	LMO4	0.0161476	0.107082	0.766344	-1.3049	0.900227	1.01916	1.01916	0.691432	1.06221	1.06221	0.37342	0.870897	-1.14824	0.751022	0.952984	-1.04934	0.258634	0.836684	-1.19519	0.000237846	0.398177	-2.51145	0.574066	0.917669	-1.08972	0.45989	1.12057	1.12057	5.05552	1.83256	0.32221	1
cg10556630	LMO4	0.0204398	0.00162265	0.0666287	-15.0086	?	?	?	0.0257352	0.204274	-4.89538	0.0384385	0.237356	-4.21309	?	?	?	0.46164	1.56734	1.56734	0.345263	0.558276	-1.79123	0.87	0.906453	-1.1032	0.159451	0.405934	-2.46345	4.86039	21.5285	5.06215	1
cg01023053	LMO4	0.0206301	0.0966184	1.41	1.41	0.449594	1.15619	1.15619	0.299322	1.22461	1.22461	0.313196	0.821605	-1.21713	0.10646	0.717451	-1.39382	0.00286839	0.461784	-2.16551	0.0864522	1.42868	1.42868	0.832328	1.04074	1.04074	0.0380555	1.57295	1.57295	4.65516	2.61604	0.499525	1
cg20633321	LMO4	0.0384747	0.431134	0.755087	-1.32435	0.0529013	2.15798	2.15798	0.409541	1.34296	1.34296	0.0230211	2.58699	2.58699	0.0125443	0.337707	-2.96115	0.798863	0.914596	-1.09338	0.11587	0.550184	-1.81757	0.172892	1.66048	1.66048	0.691609	0.869886	-1.14958	3.73612	7.23269	1.72079	1
cg15575982	LMO4	0.0431769	0.0190104	0.314987	-3.17473	0.826375	1.09349	1.09349	0.0865676	2.16018	2.16018	0.338961	0.669651	-1.49332	0.0404682	0.381835	-2.61894	0.207784	0.582523	-1.71667	0.0358346	0.370267	-2.70075	0.078301	0.451238	-2.21612	0.0394255	0.379323	-2.63628	3.58038	9.38608	2.33025	1
cg00902815	LMO7	2.52E-05	0.0130385	0.553892	-1.80541	0.000180204	0.296425	-3.37353	3.71E-05	0.218507	-4.57652	0.223495	1.27802	1.27802	1.83E-06	0.102454	-9.76043	0.000951381	0.388809	-2.57196	0.000106659	0.269411	-3.7118	0.859757	0.966648	-1.0345	0.000435792	0.344245	-2.90491	31.8678	18.5679	0.517915	1
cg18027592	LMO7	9.34E-05	0.0287664	0.669448	-1.49377	0.000340621	0.407429	-2.45442	0.000104836	0.344177	-2.90548	0.368431	0.866107	-1.15459	0.000189347	0.375551	-2.66275	0.217511	1.22369	1.22369	5.63E-05	0.312048	-3.20463	0.00520582	1.77487	1.77487	0.00140986	0.487099	-2.05297	22.5478	8.64632	0.34086	1
cg04757411	LMO7	0.00165322	0.510683	0.857	-1.16686	0.010956	0.477857	-2.09268	0.00242426	0.376586	-2.65544	0.0166772	0.508663	-1.96594	0.000440364	0.276952	-3.61073	0.00394085	2.45241	2.45241	0.376673	0.810726	-1.23346	0.192599	1.37569	1.37569	0.140705	0.693148	-1.44269	10.1897	8.63327	0.753118	1
cg24198463	LMO7	0.00453428	0.3869	0.820188	-1.21923	0.00311691	0.405127	-2.46836	0.0569125	0.617828	-1.61857	0.985254	1.00414	1.00414	0.00014208	0.230722	-4.33422	0.37414	0.815557	-1.22616	0.154069	1.40638	1.40638	0.548367	0.873073	-1.14538	0.292231	0.783313	-1.27663	7.56029	5.98075	0.703177	1
cg00246840	LMO7	0.00752853	0.020914	0.580009	-1.72411	0.636107	0.910813	-1.09792	0.0281457	1.66223	1.66223	0.196276	0.765049	-1.30711	0.00123074	0.396026	-2.52509	0.204662	0.76926	-1.29995	0.269839	1.25258	1.25258	0.517315	1.13731	1.13731	0.00711881	0.505927	-1.97657	6.46631	3.93426	0.540822	1
cg09415720	LMO7	0.0112154	0.138256	0.762177	-1.31203	0.0235036	0.631026	-1.58472	0.0121465	0.587478	-1.70219	0.0123592	1.69895	1.69895	0.437467	0.873905	-1.14429	0.299941	1.20056	1.20056	0.0469453	1.47255	1.47255	0.0365934	0.661442	-1.51185	0.105635	0.740224	-1.35094	5.69679	2.6126	0.407652	1
cg13134634	LMO7	0.016666	0.0208512	0.381319	-2.62247	0.00185978	0.216352	-4.6221	0.0824634	0.513329	-1.94807	0.270143	0.671618	-1.48894	0.0124246	0.340075	-2.94053	0.092503	0.526319	-1.89999	0.00360912	0.255168	-3.91899	0.152008	0.587422	-1.70235	0.336382	0.709188	-1.41006	5.00254	9.52208	1.69196	1
cg18757541	LMO7	0.0338156	0.885381	0.972766	-1.028	0.00261732	2.22051	2.22051	0.793827	1.05142	1.05142	0.63379	0.91222	-1.09623	0.740715	0.93841	-1.06563	0.989067	1.00263	1.00263	0.00772008	1.92543	1.92543	0.715307	1.07264	1.07264	0.0459842	1.5493	1.5493	3.91551	2.27244	0.515884	1
cg05078075	LMO7	0.0480266	0.0904864	0.45348	-2.20517	0.487163	0.741341	-1.34891	0.114549	0.483047	-2.07019	0.033183	0.34798	-2.87373	0.00537336	0.21139	-4.7306	0.302504	0.635824	-1.57276	0.0226509	0.314451	-3.18014	0.624407	0.811227	-1.2327	0.0200047	0.30418	-3.28753	3.44025	9.7933	2.53039	1
cg13060233	LMO7;LMO7	0.000805133	0.0665394	1.44347	1.44347	0.00211752	0.462647	-2.16147	0.0529644	0.675464	-1.48046	0.551117	1.11359	1.11359	0.00356553	0.494416	-2.02259	0.00125991	0.43175	-2.31616	8.31E-05	0.282525	-3.53951	0.552856	1.11305	1.11305	0.24275	0.804055	-1.2437	12.5095	6.30561	0.448057	1
cg11831419	LMO7;LMO7	0.00104005	0.00337098	0.35843	-2.78995	0.00220334	0.331464	-3.01692	0.0138754	0.457385	-2.18634	0.019414	0.483274	-2.06922	0.000719724	0.266012	-3.75922	0.0016623	0.314241	-3.18227	0.000123971	0.178733	-5.59494	0.970945	0.990673	-1.00942	0.0427871	0.548827	-1.82207	11.6361	12.2006	0.932011	1
cg14675361	LMO7;LMO7	0.00197616	0.00170999	0.129148	-7.74303	0.00112312	0.111665	-8.95532	0.216748	0.552066	-1.81138	0.0202022	0.277958	-3.59766	0.000636717	0.0909272	-10.9978	0.0354747	0.326581	-3.06203	0.000961417	0.105669	-9.46353	0.00555617	0.189173	-5.28618	0.0128325	0.243518	-4.10648	9.67564	32.0155	2.94123	1
cg02714303	LMO7;LMO7	0.00320546	0.00142836	0.182143	-5.4902	0.0172398	0.342601	-2.91884	0.0361222	0.40668	-2.45893	0.0115596	0.311656	-3.20866	0.00266258	0.215677	-4.63656	0.0108399	0.306893	-3.25847	0.000438237	0.128622	-7.77469	0.0366781	0.408109	-2.45032	0.0154644	0.333954	-2.99443	8.39119	18.1138	1.91882	1
cg10581837	LMO7;LMO7	0.00847872	0.00404139	0.243788	-4.10192	0.0206495	0.360996	-2.77012	0.0772072	0.487616	-2.0508	0.039454	0.418599	-2.38892	0.00319605	0.22959	-4.35559	0.0807878	0.492695	-2.02965	0.00127683	0.179541	-5.56977	0.0474761	0.436566	-2.2906	0.0221201	0.366766	-2.72654	6.22895	13.1836	1.88134	1
cg26287240	LMO7;LMO7	0.0259862	0.510755	0.91553	-1.09226	0.0396167	0.729923	-1.37001	0.271013	1.16371	1.16371	0.249258	0.852729	-1.17271	0.12608	0.803347	-1.24479	0.0574067	1.32889	1.32889	0.00732602	1.57993	1.57993	0.582156	0.929118	-1.07629	0.0590027	1.32589	1.32589	4.29887	1.19163	0.246397	1
cg02264407	LMO7;LMO7	0.0284587	0.258294	1.37818	1.37818	0.441018	0.807621	-1.23821	0.690714	0.896947	-1.11489	0.110787	0.623443	-1.60399	0.0432317	0.531337	-1.88204	0.193606	1.45363	1.45363	0.0217564	0.472848	-2.11485	0.0485461	1.84556	1.84556	0.0163242	0.450018	-2.22213	4.16386	4.87673	1.04107	1
cg17512989	LMO7;LMO7	0.0421261	0.0473225	0.582981	-1.71532	0.891599	1.03296	1.03296	0.0127502	0.479097	-2.08726	0.973415	0.992107	-1.00796	0.00801333	0.445773	-2.2433	0.0571349	0.59943	-1.66825	0.456835	0.835113	-1.19744	0.880604	1.03639	1.03639	0.0262538	0.534266	-1.87173	3.61331	3.23582	0.796027	1
cg12166476	LMO7;LMO7;LMO7	0.00289838	0.00176044	0.118185	-8.46132	0.00123809	0.104093	-9.60682	0.0115051	0.219866	-4.54822	0.0198678	0.259942	-3.84701	0.00802953	0.196409	-5.09142	0.0229891	0.271658	-3.68109	0.000643553	0.0813033	-12.2996	0.0125036	0.22561	-4.43243	0.0167968	0.24701	-4.04842	8.64609	31.4448	3.23279	1
cg21139518	LMOD1	6.62E-07	8.03E-07	0.347235	-2.8799	0.0109569	1.29103	1.29103	0.22265	1.10798	1.10798	0.0291359	1.22839	1.22839	3.77E-08	0.208791	-4.78948	1.27E-05	0.479636	-2.08491	0.0026273	1.39543	1.39543	0.134392	0.878842	-1.13786	0.0197226	0.79826	-1.25272	81.4644	8.25929	0.0901202	1
cg11683764	LMOD1	0.00278459	0.000694587	0.526551	-1.89915	0.110567	0.806137	-1.24048	0.0153354	1.44607	1.44607	0.129515	0.816277	-1.22507	0.00704473	0.649124	-1.5399	0.189124	1.18817	1.18817	0.761226	0.962931	-1.0385	0.552934	1.07723	1.07723	0.00794518	1.52472	1.52472	8.74924	2.12852	0.216249	1
cg06876972	LMOD1	0.00558472	0.01314	0.618512	-1.61678	0.14716	0.78424	-1.27512	0.0149301	0.626482	-1.59622	0.151556	0.786582	-1.27132	0.0121574	0.613687	-1.62949	0.574978	0.915292	-1.09255	0.00231239	1.94452	1.94452	0.0107616	0.606154	-1.64975	0.972553	1.00539	1.00539	7.09417	2.74245	0.343625	1
cg05797178	LMOD1	0.00583886	0.042154	0.680819	-1.46882	0.0376645	0.673039	-1.4858	0.00122092	0.459731	-2.17519	0.212422	0.805989	-1.24071	0.0203028	0.631614	-1.58325	0.226557	1.23185	1.23185	0.0060324	1.80241	1.80241	0.913148	0.982242	-1.01808	0.391784	0.86581	-1.15499	6.99767	2.98898	0.379679	1
cg26899399	LMOD1	0.0146612	0.338221	0.796098	-1.25613	0.0738331	1.58449	1.58449	0.95698	1.01254	1.01254	0.00205088	0.366641	-2.72747	0.00364302	0.403122	-2.48064	0.348247	1.2499	1.2499	0.571262	0.876199	-1.14129	0.22294	0.743931	-1.34421	0.118914	0.676421	-1.47837	5.21995	4.41082	0.751104	1
cg04922763	LMOD1	0.0207556	0.12359	0.623325	-1.6043	0.348012	0.76046	-1.31499	0.267918	0.721044	-1.38688	0.730927	0.9068	-1.10278	0.000550263	0.218598	-4.57462	0.599869	1.16185	1.16185	0.189135	1.48326	1.48326	0.413021	0.788849	-1.26767	0.0555934	0.540769	-1.84922	4.64555	5.90941	1.13072	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02970525	LMOD1	0.0420575	0.0777317	0.466463	-2.14379	0.189608	1.71679	1.71679	0.23138	1.62954	1.62954	0.190702	0.583351	-1.71423	0.0410312	0.399663	-2.50211
cg16903217	LMOD1	0.042205	0.00330478	0.493339	-2.027	0.564733	1.10825	1.10825	0.349363	1.18542	1.18542	0.224065	0.798102	-1.25297	0.104816	0.731256	-1.36751
cg12730843	LMOD1	0.0438589	0.0353426	0.55794	-1.79231	0.631931	1.12177	1.12177	0.0518407	1.69356	1.69356	0.349703	0.795164	-1.2576	0.0974328	0.648529	-1.54195
cg09404633	LMOD1	0.0459479	0.0921925	0.477208	-2.09552	0.63665	0.827024	-1.20915	0.00872055	3.79564	3.79564	0.5299	1.28915	1.28915	0.0553003	0.420167	-2.38001
cg20568322	LMOD1;LMOD1	0.00221385	0.166822	1.13422	1.13422	0.00219482	1.44332	1.44332	0.220709	0.895824	-1.11629	0.0177465	0.781648	-1.27935	0.398231	1.07671	1.07671
cg22586324	LMOD2	0.0214407	0.299646	1.13828	1.13828	0.00114644	1.77887	1.77887	0.32095	0.883771	-1.13151	0.75673	0.963252	-1.03815	0.870107	0.980475	-1.01991
cg23605333	LMOD2	0.0257106	0.0277526	0.233415	-4.28421	0.0156316	0.190591	-5.24682	0.0943916	0.357594	-2.79646	0.640356	0.768616	-1.30104	0.00562328	0.130963	-7.63573
cg05094695	LMOD3	8.66E-05	0.880206	0.984256	-1.016	0.00753208	0.69638	-1.436	3.72E-06	0.320332	-3.12176	0.18983	0.864048	-1.15734	1.62E-05	0.392742	-2.5462
cg05834895	LMOD3	0.00771124	0.00531121	0.24454	-4.08931	0.938539	1.03001	1.03001	0.127648	0.531778	-1.88048	0.808021	0.910893	-1.09782	0.00481419	0.238337	-4.19574
cg14457610	LMOD3;LMOD3	0.0482955	0.835269	1.07171	1.07171	0.0530275	2.07759	2.07759	0.718733	0.886668	-1.12782	0.882909	0.952167	-1.05024	0.00172098	0.225887	-4.42699
cg01963002	LMTK2	1.18E-05	4.95E-06	0.250669	-3.98932	0.0436634	1.36081	1.36081	0.00221277	0.565707	-1.7677	0.309341	0.869572	-1.14999	1.51E-06	0.198463	-5.03872
cg12615150	LMTK2	0.000101648	0.128405	1.33419	1.33419	0.850885	1.03357	1.03357	0.00827998	0.553053	-1.80814	0.681141	1.07518	1.07518	1.13E-06	0.108866	-9.18556
cg19666810	LMTK2	0.000267111	0.00173463	1.40795	1.40795	0.548874	0.954609	-1.04755	0.0043506	1.33883	1.33883	0.0049345	0.751881	-1.33	0.164096	0.892518	-1.12043
cg25277707	LMTK2	0.000291885	0.0013185	0.699618	-1.42935	0.725513	0.973415	-1.02731	0.649206	0.965602	-1.03562	0.000243142	0.628917	-1.59004	0.000221404	0.624879	-1.60031
cg08169830	LMTK2	0.000649859	0.76652	1.05327	1.05327	0.968069	1.007	1.007	5.72E-05	0.272088	-3.67528	0.000341149	0.36585	-2.73336	0.000815003	0.414901	-2.41022
cg02056893	LMTK2	0.00381116	0.00313069	0.272775	-3.66602	0.674845	1.14531	1.14531	0.513577	0.808118	-1.23744	0.00117	0.216054	-4.62848	0.00674296	0.323174	-3.09431
cg12122246	LMTK2	0.00762668	0.480534	1.17145	1.17145	0.865216	0.963206	-1.0382	0.321846	1.25337	1.25337	0.49172	0.857183	-1.16661	0.00017917	0.246569	-4.05565
cg00747187	LMTK2	0.00877146	0.00845681	2.08639	2.08639	0.0964326	0.67082	-1.49071	0.0165932	0.527298	-1.89646	0.207097	1.3378	1.3378	0.0202746	1.84448	1.84448
cg26032392	LMTK2	0.00956642	0.00912896	0.398248	-2.511	0.330347	1.32212	1.32212	0.512705	1.2027	1.2027	0.2029	0.688194	-1.45308	0.000754644	0.241674	-4.13781
cg20071506	LMTK2	0.0149918	0.305353	1.17073	1.17073	0.00118632	2.02591	2.02591	0.0121603	0.628696	-1.59059	0.448297	0.891578	-1.12161	0.522628	0.90826	-1.10101
cg22295745	LMTK2	0.0157916	0.424554	1.40883	1.40883	0.00251224	5.83486	5.83486	0.0749924	2.30112	2.30112	0.286301	1.59264	1.59264	0.0240997	0.322858	-3.09734
cg10780234	LMTK2	0.0190464	0.369377	0.907649	-1.10175	0.399923	1.0948	1.0948	0.106864	0.83108	-1.20325	0.351573	1.10602	1.10602	0.198108	1.15369	1.15369
cg10412943	LMTK2	0.0237577	0.575554	1.22334	1.22334	0.00247313	0.223222	-4.47985	0.00609575	0.279184	-3.58187	0.31016	1.45389	1.45389	0.77908	1.10541	1.10541
cg06567596	LMTK2	0.0259143	0.325266	0.710857	-1.40675	0.0652377	2.00454	2.00454	0.673292	0.8672	-1.15314	0.555779	0.818563	-1.22165	0.0014421	0.2128	-4.69925
cg02958194	LMTK2	0.0268439	0.369316	0.861102	-1.1613	0.599276	1.0898	1.0898	0.874008	1.02607	1.02607	0.0969032	0.744128	-1.34385	0.00951987	0.587022	-1.70351
cg17508434	LMTK2	0.0278043	0.0871456	0.721003	-1.38696	0.774296	1.05105	1.05105	0.010363	0.571685	-1.74921	0.662675	0.926804	-1.07898	0.30458	0.831835	-1.20216
cg09915377	LMTK2	0.0341718	0.25951	0.823147	-1.21485	0.0376486	1.49028	1.49028	0.679898	0.933657	-1.07106	0.548868	0.904512	-1.10557	0.00379419	0.524093	-1.90806
cg19807537	LMTK2	0.0351643	0.0273625	0.756879	-1.32122	0.854914	1.01972	1.01972	0.955208	0.994024	-1.00601	0.636729	1.05208	1.05208	0.0229202	1.33698	1.33698
cg21770322	LMTK2	0.0391367	0.374919	0.539794	-1.85256	0.00811995	9.91877	9.91877	0.141279	2.91845	2.91845	0.586757	1.45001	1.45001	0.021932	0.155477	-6.43182
cg24562669	LMTK2	0.0483769	0.305191	0.459556	-2.17601	0.04613	5.3296	5.3296	0.940913	1.05578	1.05578	0.621314	0.694458	-1.43997	0.0124137	0.102422	-9.76349
cg26475168	LMTK3	5.92E-05	0.0486535	0.636558	-1.57095	0.579674	0.893859	-1.11875	0.00164811	2.46855	2.46855	0.477232	0.865069	-1.15598	0.00968006	0.518643	-1.92811
cg21919992	LMTK3	0.000426558	0.460609	0.903358	-1.10698	0.165318	1.22168	1.22168	0.000474962	0.475946	-2.10108	0.00956607	0.641505	-1.55884	1.35E-05	0.291697	-3.42821
cg07860043	LMTK3	0.000695477	0.0096771	2.17255	2.17255	0.533081	1.16141	1.16141	0.00132221	3.02575	3.02575	0.000168407	4.56064	4.56064	0.00143244	0.335282	-2.98257
cg03018163	LMTK3	0.000874888	0.044817	0.51028	-1.95971	0.108411	0.599528	-1.66798	0.0227593	2.21738	2.21738	0.825695	1.06656	1.06656	0.0943848	0.584399	-1.71116
cg01410876	LMTK3	0.00255667	0.00214407	5.40309	5.40309	0.0124847	3.3741	3.3741	0.0215828	2.94362	2.94362	0.0162967	3.15594	3.15594	0.00692164	3.92566	3.92566
cg06862049	LMTK3	0.00465351	0.00966099	0.371999	-2.68818	0.0177314	2.38874	2.38874	0.59956	0.85216	-1.17349	0.031542	2.14132	2.14132	0.00740089	0.35277	-2.83471
cg02784823	LMTK3	0.0122199	0.0373395	0.206558	-4.84127	0.00548655	10.84	10.84	0.868132	1.11456	1.11456	0.0422896	4.60285	4.60285	0.0214785	0.164813	-6.06749
cg18418538	LMTK3	0.0199522	0.0691842	0.0794923	-12.5798	0.0232102	29.3533	29.3533	0.00676941	79.1424	79.1424	0.871856	1.22267	1.22267	0.278686	0.245918	-4.06639
cg09371853	LMTK3	0.0208535	0.0531782	4.21774	4.21774	0.0525252	4.239	4.239	0.443409	1.66859	1.66859	0.176358	2.56447	2.56447	0.00778885	0.106623	-9.37885
cg03095188	LMTK3	0.0280108	0.37306	0.700935	-1.42667	0.00778255	3.77287	3.77287	0.112378	1.95749	1.95749	0.200733	1.69069	1.69069	0.732752	0.875299	-1.14247
cg16194588	LMTK3	0.029775	0.0368331	0.277947	-3.59781	0.0238101	4.15468	4.15468	0.793699	1.14841	1.14841	0.880703	0.92377	-1.08252	0.0386185	0.2823	-3.54233
cg02265056	LMTK3	0.0320669	0.525567	0.931515	-1.07352	0.0041319	1.52827	1.52827	0.0491443	1.28106	1.28106	0.775299	1.03207	1.03207	0.030298	1.32427	1.32427
cg00861945	LMTK3	0.0373318	0.122109	0.601625	-1.66216	0.0133419	0.394727	-2.53339	0.035907	0.477037	-2.09627	0.0228939	0.43802	-2.283	0.545949	1.2036	1.2036
cg04731544	LMTK3	0.0375758	0.0714058	2.90671	2.90671	0.184392	2.10882	2.10882	0.652579	1.27144	1.27144	0.515711	1.41802	1.41802	0.069215	2.93678	2.93678
cg18955367	LMTK3	0.0405691	0.0229853	0.239233	-4.18003	0.259962	1.85519	1.85519	0.700892	0.816292	-1.22505	0.27588	1.81506	1.81506	0.0261289	0.249573	-4.00684
cg08606911	LMX1A	1.68E-05	0.578194	1.10056	1.10056	0.000236098	2.82786	2.82786	1.22E-06	8.4712	8.4712	0.263732	1.21987	1.21987	0.138507	1.31267	1.31267
cg14417498	LMX1A	0.00111087	0.000120291	30.4801	30.4801	0.0144713	4.62716	4.62716	0.509201	0.71146	-1.40556	0.0525044	3.06764	3.06764	0.384298	0.635383	-1.57386
cg07135032	LMX1A	0.00254497	0.0182049	3.42083	3.42083	0.0173685	3.46493	3.46493	0.2676	1.6412	1.6412	0.0166216	3.50674	3.50674	0.414254	0.699048	-1.43052
cg07686479	LMX1A	0.00398171	0.0310158	2.21395	2.21395	0.0438827	2.06888	2.06888	0.0384632	2.12276	2.12276	0.000171401	7.42249	7.42249	0.648849	1.15477	1.15477
cg17716664	LMX1A	0.00578986	0.822216	1.1061	1.1061	?	?	?	0.336913	1.5614	1.5614	0.273008	0.59799	-1.67227	0.177662	1.91126	1.91126
cg17739202	LMX1A	0.0070669	0.647811	0.910487	-1.09831	0.00104945	2.68751	2.68751	0.0241187	0.5779	-1.7304	0.230452	0.773742	-1.29242	0.694096	1.08393	1.08393
cg05127450	LMX1A	0.0100117	0.621249	1.20673	1.20673	0.728599	0.876838	-1.14046	0.0065447	3.79187	3.79187	0.446637	1.34001	1.34001	0.273209	0.650345	-1.53765
cg12128340	LMX1A	0.0160504	0.139074	0.756525	-1.32183	0.00361837	1.99397	1.99397	0.274019	0.819161	-1.22076	0.797348	0.955907	-1.04613	0.50742	1.12508	1.12508
cg27636676	LMX1A	0.0230426	0.0104492	0.409588	-2.44148	0.489765	0.823429	-1.21443	0.245021	0.714102	-1.40036	0.00631615	0.373521	-2.67723	0.00694766	0.38018	-2.63033
cg19777664	LMX1A	0.0237409	0.00751282	0.38948	-2.56752	0.252007	0.72039	-1.38814	0.0642744	0.56564	-1.76791	0.0430872	0.528406	-1.89248	0.00627955	0.3769	-2.65323
cg15713630	LMX1A	0.0258225	0.559363	1.09175	1.09175	0.00159766	1.9609	1.9609	0.297431	1.17424	1.17424	0.15713	0.798524	-1.25231	0.216948	1.2131	1.2131
cg24310780	LMX1A	0.0278333	0.630985	1.09713	1.09713	0.78832	1.0529	1.0529	0.99445	0.998669	-1.00133	0.240189	0.790138	-1.2656	0.26275	0.799596	-1.25063
cg27440715	LMX1A	0.0321317	0.672736	1.21825	1.21825	0.113896	2.22378	2.22378	0.106627	2.26744	2.26744	0.58185	1.29491	1.29491	0.00968859	4.57587	4.57587
cg19317413	LMX1A	0.0395518	0.75704	1.04346	1.04346	0.832874	0.97145	-1.02939	0.994561	1.00093	1.00093	0.325193	1.14942	1.14942	0.225838	1.19046	1.19046
cg23087598	LMX1A	0.0496152	0.37705	1.47306	1.47306	0.0150242	0.278777	-3.5871	0.00566864	0.21206	-4.71565	0.784388	0.88941	-1.12434	0.531077	0.762518	-1.31144
cg24650501	LMX1A;LMX1A	0.00660341	0.01641	4.56677	4.56677	0.00516347	6.7685	6.7685	0.00390726	7.47523	7.47523	0.0319315	3.67597	3.67597	0.605304	1.30992	1.30992
cg23917513	LMX1A;LMX1A;LMX1A	0.0490203	0.0167363	0.198471	-5.03852	0.391996	1.62518	1.62518	0.42117	1.57624	1.57624	0.378921	1.6485	1.6485	0.00942989	0.161682	-6.18498
cg18453621	LMX1B	4.95E-06	0.202199	1.30379	1.30379	1.84E-05	6.88443	6.88443	0.488949	0.871389	-1.14759	3.60E-07	0.0317567	-31.4895	0.00063604	3.0079	3.0079
cg03893387	LMX1B	0.000114027	0.000127481	0.388493	-2.57405	0.44563	1.1166	1.1166	0.0445052	0.720866	-1.38722	0.548549	1.08993	1.08993	3.53E-06	0.213357	-4.68697
cg13601997	LMX1B	0.000146498	0.151516	0.908976	-1.10014	0.0563402	1.14362	1.14362	0.107647	1.11521	1.11521	0.00155496	0.753893	-1.32645	9.98E-05	0.651349	-1.53528
cg14642696	LMX1B	0.000399205	0.0290545	0.748493	-1.33602	0.832886	1.02408	1.02408	0.132976	0.833166	-1.20024	0.00164101	1.66141	1.66141	0.0564331	0.784113	-1.27533
cg13600622	LMX1B	0.00101457	0.0222834	0.571952	-1.7484	0.131334	0.717302	-1.39411	0.0019837	0.410246	-2.43756	0.00627195	0.483671	-2.06752	0.138196	0.72211	-1.38483
cg14225031	LMX1B	0.00161889	0.0184668	2.94005	2.94005	0.015544	3.0642	3.0642	0.00239309	4.93761	4.93761	0.0129351	3.20352	3.20352	0.058125	2.2437	2.2437
cg13466694	LMX1B	0.00253143	0.0330887	0.544867	-1.83531	0.0364863	0.553008	-1.80829	0.0444196	0.569734	-1.7552	0.0185772	2.00476	2.00476	0.949859	1.01544	1.01544
cg04048392	LMX1B	0.00259104	0.912761	1.03343	1.03343	0.0170379	0.417767	-2.39368	0.00179747	0.263815	-3.79053	0.0338318	2.10322	2.10322	0.0897111	0.570468	-1.75295
cg13420975	LMX1B	0.00297477	0.00518941	0.198644	-5.03413	0.0133331	0.261038	-3.83086	0.00153118	0.135621	-7.3735	0.00325776	0.172477	-5.79788	0.00625407	0.20994	-4.76328
cg13653144	LMX1B	0.00297711	0.00214968	6.12753	6.12753	0.00846987	4.1117	4.1117	0.00230639	5.99715	5.99715	0.385793	1.45353	1.45353	0.945872	1.02897	1.02897
cg14246940	LMX1B	0.00363903	0.29166	1.27481	1.27481	0.649355	1.10691	1.10691	0.0631264	0.62887	-1.59015	0.190225	0.735031	-1.36049	8.80E-05	0.210267	-4.75586
cg18115406	LMX1B	0.00367197	0.91298	0.979228	-1.02121	0.592611	1.10928	1.10928	0.00374488	2.1203	2.1203	0.0182305	1.73381	1.73381	0.513852	1.13556	1.13556
cg14398661	LMX1B	0.0040035	0.0345465	0.550833	-1.81543	0.000253265	0.232462	-4.30178	0.486298	0.8427	-1.18666	0.176228	0.706189	-1.41605	0.00304589	0.374538	-2.66996
cg24382823	LMX1B	0.00442469	0.557174	0.790941	-1.26432	0.598409	1.23362	1.23362	0.0161468	3.19831	3.19831	0.205308	1.69531	1.69531	0.492701	1.31682	1.31682
cg14916924	LMX1B	0.00526652	0.0289787	0.376456	-2.65636	0.000125048	0.0791525	-12.6338	0.0370539	0.398992	-2.50632	0.125615	0.533126	-1.87573	0.0168276	0.330579	-3.02499
cg15689835	LMX1B	0.00717368	0.738491	0.938039	-1.06605	0.371136	1.19162	1.19162	0.112129	0.718749	-1.39131	0.0220192	1.68937	1.68937	0.0987294	1.41286	1.41286
cg04693928	LMX1B	0.00794352	0.630494	0.881756	-1.1341	0.111068	0.637178	-1.56942	0.285951	0.749969	-1.33339	0.000152732	5.39789	5.39789	0.135375	1.51875	1.51875
cg14042137	LMX1B	0.00801247	0.172872	0.801434	-1.24776	0.00602618	0.578378	-1.72897	0.00148112	0.496719	-2.01321	0.744111	0.951247	-1.05125	0.104387	0.762695	-1.31114
cg13634994	LMX1B	0.00821576	0.110422	0.731129	-1.36775	0.593381	1.10188	1.10188	0.0209058	0.606322	-1.64929	0.0389623	1.53763	1.53763	0.169464	0.768371	-1.30145
cg09660171	LMX1B	0.0127805	0.0853199	1.4975	1.4975	0.310047	1.2498	1.2498	0.0384328	1.66388	1.66388	0.744091	1.07201	1.07201	0.199205	0.749791	-1.33371
cg18055467	LMX1B	0.0172816	0.951487	0.969367	-1.0316	0.0140961	0.212371	-4.70874	0.00368613	0.134378	-7.44168	0.385898	0.634738	-1.57545	0.395108	0.640589	-1.56106
cg13530999	LMX1B	0.0195471	0.00544584	0.418902	-2.38719	0.0424572	1.74374	1.74374	0.0596262	0.602998	-1.65838	0.915718	0.975124	-1.02551	0.0220534	0.520283	-1.92203
cg12697116	LMX1B	0.020962	0.0321435	0.435484	-2.2963	0.0201942	0.395401	-2.52908	0.033467	0.439126	-2.27725	0.92835	1.03024	1.03024	0.0374876	0.449518	-2.2246
cg14204784	LMX1B	0.025538	0.202051	2.11525	2.11525	0.136224	0.409456	-2.44226	0.0733827	0.32944	-3.03546	0.0373853	3.83255	3.83255	0.54554	0.711602	-1.40528
cg14325930	LMX1B	0.0290382	0.79288	1.16439	1.16439	0.0161777	0.182403	-5.48235	0.00457287	0.112614	-8.87988	0.574684	0.720416	-1.38809	0.147937	0.407484	-2.45409
cg14355899	LMX1B	0.0343729	0.67582	0.93232	-1.07259	0.202619	1.25125	1.25125	0.000869919	0.434989	-2.29891	0.50482	0.893356	-1.11937	0.629483	0.922187	-1.08438
cg14071650	LMX1B	0.0414128	0.541787	1.39478	1.39478	0.660416	0.788057	-1.26894	0.0110368	0.179518	-5.57048	0.170388	2.19592	2.19592	0.726417	0.827578	-1.20835
cg18180900	LNP1	0.00883657	0.0209847	1.48106	1.48106	0.563002	0.920623	-1.08622	0.139739	1.252	1.252	0.0986884	1.29187	1.29187	0.03664	1.40977	1.40977
cg03039127	LNP1	0.0327978	0.201126	0.713885	-1.40078	0.445038	1.21452	1.21452	0.41637	0.812726	-1.23043	0.353443	0.787931	-1.26915	0.00251868	0.350919	-2.84966
cg03760927	LNP1;LNP1;TOMM70A	0	?	?	?	0	2.27384	2.27384	?	?	?	?	?	?	?	?	?
cg05428436	LNP1;LNP1;TOMM70A	0.0201065	0.203444	1.17732	1.17732	0.33568	1.12831	1.12831	0.270796	1.14961	1.14961	0.000681621	1.8798	1.8798	0.615812	0.940331	-1.06346
cg17908442	LNP1;LNP1;TOMM70A	0.0305382	0.712671	1.06033	1.06033	0.096955	1.33444	1.33444	0.127385	1.29831	1.29831	0.757955	0.952228	-1.05017	0.0639158	0.719079	-1.39067
cg15344234	LNP1;LNP1;TOMM70A	0.0475463	0.046188	0.635365	-1.5739	0.0128442	0.541456	-1.84687	0.256981	0.790647	-1.26479	0.0515268	0.64399	-1.55282	0.0219958	0.579555	-1.72546
cg08551619	LNP1;TOMM70A	0.0160227	0.678954	0.851358	-1.17459	0.00998423	0.28427	-3.51779	0.00260674	0.199411	-5.01476	0.355816	1.44374	1.44374	0.0588049	0.438137	-2.28239
cg11800013	LNP1;TOMM70A	0.0163886	0.000813874	0.127342	-7.85287	0.5851	1.2524	1.2524	0.572649	1.26203	1.26203	0.891749	0.94593	-1.05716	0.993361	1.0034	1.0034
cg24153548	LNP1;TOMM70A	0.0307483	0.0748164	0.826818	-1.20946	0.50707	1.06663	1.06663	0.267881	1.11695	1.11695	0.955551	1.00536	1.00536	0.134301	1.16735	1.16735
cg18920488	LNPEP	6.82E-07	5.66E-09	0.104818	-9.54033	0.000449003	0.60568	-1.65104	0.164825	1.14367	1.14367	0.357753	1.08946	1.08946	0.191108	0.882145	-1.1336
cg03635536	LNPEP	0.00110093	1.48E-05	0.109802	-9.10731	0.334581	1.27688	1.27688	0.998449	1.00048	1.00048	0.95657	1.01347	1.01347	0.84911	1.04789	1.04789
cg10178827	LNPEP	0.0127532	0.190296	0.827337	-1.2087	0.51065	0.912851	-1.09547	0.298103	0.862954	-1.15881	0.622693	0.934473	-1.07012	0.151917	0.810775	-1.23339
cg19691163	LNPEP;LNPEP	0.00675895	0.0882178	0.60124	-1.66323	0.00132114	3.53763	3.53763	0.0936609	0.607388	-1.64639	0.0168643	0.454542	-2.20002	0.0594675	0.562524	-1.7777
cg08175413	LNPEP;LNPEP;LNPEP	0.0087762	0.0393202	0.54366	-1.83938	0.430241	0.814001	-1.2285	0.360586	0.786441	-1.27155	0.107919	0.638672	-1.56575	0.000286686	0.220165	-4.54205
cg02196651	LNX1	0.00371962	0.0442377	1.79138	1.79138	0.00588698	2.48202	2.48202	0.158982	1.46192	1.46192	0.519935	1.17885	1.17885	0.803912	0.939174	-1.06477
cg02554315	LNX1	0.00522727	0.000719104	1.70517	1.70517	0.637466	0.951978	-1.05044	0.160924	1.16796	1.16796	0.906678	0.987915	-1.01223	0.151581	1.17269	1.17269
cg14916192	LNX1	0.00588472	0.0914863	1.4882	1.4882	0.000613653	0.323469	-3.09148	0.157431	1.38185	1.38185	0.932183	1.01838	1.01838	0.104402	1.46193	1.46193
cg11366178	LNX1	0.00710882	0.963673	1.00791	1.00791	0.00903945	1.7751	1.7751	0.66958	0.928453	-1.07706	0.100302	0.732447	-1.36529	0.0448488	1.48914	1.48914
cg04173182	LNX1	0.0141814	0.0219386	0.240848	-4.152	0.0259368	0.254329	-3.93191	0.0157981	0.216241	-4.62447	0.0369211	0.285074	-3.50786	0.00437819	0.139342	-7.17658
cg01877606	LNX1	0.0192037	0.287856	1.40034	1.40034	0.00770113	2.84289	2.84289	0.123154	1.66468	1.66468	0.439142	1.27224	1.27224	0.259137	1.43223	1.43223
cg12529273	LNX1	0.0218233	0.137624	0.695609	-1.43759	0.101852	1.50159	1.50159	0.804782	0.945334	-1.05783	0.242455	0.757523	-1.32009	0.0800646	0.643487	-1.55403
cg06015060	LNX1;LNX1	0.00988149	0.599768	1.10411	1.10411	0.535928	0.889364	-1.1244	0.270842	0.806991	-1.23917	0.0101173	1.83475	1.83475	0.140374	0.74327	-1.34541
cg06634862	LNX1;LNX1	0.0135487	0.125111	1.97454	1.97454	0.0295411	2.85805	2.85805	0.139233	1.91976	1.91976	0.346941	1.48723	1.48723	0.0943851	2.12457	2.12457
cg00770723	LNX1;LNX1	0.0160797	0.0128168	0.48086	-2.07961	0.078127	0.62901	-1.5898	0.493654	0.84819	-1.17898	0.952935	1.01408	1.01408	0.0773092	0.628031	-1.59228
cg12303160	LNX1;LNX1	0.0174273	0.0132172	3.5596	3.5596	0.0254129	2.99872	2.99872	0.0773265	2.2519	2.2519	0.155487	1.87441	1.87441	0.0424258	0.380566	-2.62767
cg15811435	LNX1;LNX1	0.0215227	0.0512557	0.501937	-1.99228	0.0649266	0.52537	-1.90342	0.185618	0.646713	-1.54628	0.191499	1.53636	1.53636	0.00827462	0.350454	-2.85344
cg00629217	LNX1;LNX1	0.0413974	0.455132	0.856559	-1.16746	0.0143863	0.541164	-1.84787	0.169995	0.742695	-1.34645	0.898225	0.974292	-1.02639	0.0395478	1.62343	1.62343
cg22241045	LNX1;LNX1	0.0490536	0.0868716	0.492793	-2.02925	0.0130372	0.31576	-3.16696	0.0947585	0.502968	-1.9882	0.495985	1.29526	1.29526	0.00884635	0.28731	-3.48056
cg14748746	LNX1;LNX1	0.0493698	0.340068	1.18362	1.18362	0.264176	0.819105	-1.22084	0.0599361	0.694962	-1.43893	0.771958	0.951398	-1.05108	0.684581	1.07253	1.07253
cg11588787	LNX2	0.00175331	0.00765762	0.212614	-4.70337	0.266571	0.592833	-1.68681	0.0242877	0.297372	-3.36279	0.00134849	0.122071	-8.19197	0.00267935	0.1534	-6.51889
cg06394460	LNX2	0.0177898	0.00683424	0.248583	-4.0228	0.200339	1.71161	1.71161	0.064723	0.438552	-2.28023	0.11706	0.508437	-1.96681	0.00350015	0.207252	-4.82504
cg06348985	LNX2	0.0302915	0.00498884	0.354452	-2.82126	0.0723232	0.571357	-1.75022	0.0226902	0.467046	-2.14112	0.0708403	0.569301	-1.75654	0.00440154	0.346055	-2.88971
cg11698529	LOC100101266	0.00525803	0.0417986	0.605456	-1.65165	0.00315186	0.421932	-2.37005	0.00789386	0.482511	-2.07249	0.00585141	0.46229	-2.16314	0.0653803	0.642533	-1.55634
cg03941975	LOC100101938	7.60E-06	2.86E-05	0.519773	-1.92392	0.159642	0.887252	-1.12708	0.0135464	0.784079	-1.27538	2.67E-05	1.93624	1.93624	1.54E-06	2.63026	2.63026
cg17501386	LOC100101938	0.000413835	0.00139707	0.629791	-1.58783	0.00431577	1.46387	1.46387	0.264515	0.890342	-1.12316	0.934372	0.991808	-1.00826	0.0206501	1.32097	1.32097
cg03299065	LOC100101938	0.000740649	0.00044621	0.389096	-2.57006	0.000339591	0.373945	-2.67419	0.415576	1.15233	1.15233	0.126406	1.32542	1.32542	0.275121	1.21344	1.21344
cg20935784	LOC100101938	0.00082491	0.00266165	2.77046	2.77046	0.00642369	0.419216	-2.38541	0.044147	0.567184	-1.7631	0.121326	0.662377	-1.50971	0.00464276	0.397168	-2.51782
cg11108474	LOC100101938	0.000839591	0.0475448	2.43443	2.43443	6.91E-05	0.0575527	-17.3754	0.979613	1.01008	1.01008	0.093053	0.484146	-2.06549	0.00124258	0.156858	-6.37518
cg20161771	LOC100101938	0.00369402	0.00367043	0.549352	-1.82033	0.000377334	0.420404	-2.37866	0.171257	0.800798	-1.24875	0.63037	0.928728	-1.07674	0.00461088	0.562744	-1.77701
cg08801017	LOC100101938	0.0060441	0.021512	0.403668	-2.47729	0.000487632	0.16604	-6.02263	0.0734886	1.92625	1.92625	0.114718	0.569193	-1.75687	0.0687715	0.512137	-1.9526
cg15509177	LOC100101938	0.00660042	0.712371	1.12184	1.12184	0.0293818	0.450855	-2.21801	0.910625	0.965738	-1.03548	0.0409364	0.480711	-2.08025	0.00341545	0.290777	-3.43906
cg06722407	LOC100101938	0.0184764	0.53884	1.21686	1.21686	0.0260464	0.434698	-2.30045	0.140631	0.606564	-1.64863	0.135817	0.602285	-1.66034	0.107394	0.574482	-1.7407
cg05076820	LOC100124692	4.18E-05	4.47E-05	0.114761	-8.71375	0.00883377	0.393063	-2.54412	0.00030831	0.19384	-5.1589	0.711165	0.901054	-1.10981	6.21E-05	0.126437	-7.9091
ch.7.2986028F	LOC100124692	0.0334946	0.0139721	0.221506	-4.51454	0.0028624	0.130365	-7.67077	0.155092	0.46978	-2.12866	0.0672783	0.361257	-2.76811	0.0791558	0.379919	-2.63214
cg20238105	LOC100124692	0.0342887	0.0104081	0.154116	-6.48861	0.0376522	0.24716	-4.04597	0.202901	0.458778	-2.1797	0.0635781	0.298477	-3.35034	0.143523	0.402068	-2.48714
cg18994377	LOC100125556;LOC100125556	3.82E-05	2.49E-05	0.443399	-2.2553	1.08E-05	2.48758	2.48758	0.00366199	1.46447	1.46447	0.0022775	1.51331	1.51331	0.0804404	0.828411	-1.20713
cg06832331	LOC100125556;LOC100125556	0.00110563	0.10296	0.543659	-1.83939	0.0139142	2.82351	2.82351	0.0418417	0.448726	-2.22853	0.000149499	0.108035	-9.25627	0.058673	0.482095	-2.07428
cg17775736	LOC100125556;LOC100125556	0.00504169	0.00166844	0.185358	-5.39496	0.0134788	3.14751	3.14751	0.00994318	3.38888	3.38888	0.485733	1.30412	1.30412	0.278902	0.65572	-1.52504
cg03500585	LOC100125556;LOC100125556	0.0114352	0.842911	0.963717	-1.03765	0.0335493	0.629699	-1.58806	0.052787	1.50689	1.50689	0.289751	1.22712	1.22712	0.00136751	0.42091	-2.37581
cg14455613	LOC100125556;LOC100125556;ALG1L	0.0103022	0.634214	1.11795	1.11795	0.127572	1.46706	1.46706	0.0285275	1.82419	1.82419	0.237151	0.749692	-1.33388	0.00714955	0.445754	-2.24339
cg15061530	LOC100128071;LOC100128071;TSSK3	0.00998376	0.644273	1.2249	1.2249	0.00541389	4.93846	4.93846	0.571773	0.779348	-1.28312	0.00576866	4.84668	4.84668	0.737802	0.863652	-1.15787

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02970525	0.246253	1.60266	1.60266	0.100344	0.496476	-2.0142	0.364604	0.696021	-1.43674	0.0236529	2.86015	2.86015	3.61549	8.66368	2.13001	1
cg16903217	0.571634	0.903998	-1.1062	0.0656429	0.694354	-1.44019	0.303162	0.828349	-1.20722	0.120461	1.34634	1.34634	3.6108	1.7829	0.438906	1
cg12730843	0.385777	1.23578	1.23578	0.433122	0.826578	-1.20981	0.395395	0.812821	-1.23028	0.0128932	2.08571	2.08571	3.55953	3.19607	0.798126	1
cg09404633	0.725303	1.1512	1.1512	0.209567	0.589879	-1.69526	0.0564938	0.422397	-2.36744	0.451154	1.35855	1.35855	3.49808	8.82566	2.24267	1
cg20568322	0.687916	1.03511	1.03511	0.000323716	0.608452	-1.64352	0.114035	0.863382	-1.15824	0.0386764	0.814966	-1.22705	9.36008	1.08236	0.102787	1
cg22586324	0.133291	0.822728	-1.21547	0.440016	1.09953	1.09953	0.353432	1.12192	1.12192	0.0371047	0.747047	-1.3386	4.5943	1.05636	0.20438	1
cg23605333	0.526654	0.698525	-1.43159	0.0265642	0.229867	-4.35034	0.0429465	0.271761	-3.67971	0.00939534	0.15855	-6.30717	4.3149	21.3757	4.4035	1
cg05094695	0.733791	0.964717	-1.03657	0.136011	0.844468	-1.18418	0.31716	0.896898	-1.11495	0.00224944	0.637616	-1.56834	23.0096	4.03527	0.155888	1
cg05834895	0.241959	0.625291	-1.59926	0.00182614	0.183024	-5.46376	0.0616256	0.446147	-2.24141	0.0023262	0.195877	-5.10525	6.41787	14.9405	2.06929	1
cg14457610	0.516434	0.803479	-1.24459	0.447315	0.772914	-1.2938	0.469197	1.2775	1.2775	0.569446	0.825956	-1.21072	3.43299	6.01411	1.55721	1
cg01963002	0.339623	0.877447	-1.13967	0.490355	1.09754	1.09754	0.000317947	2.16945	2.16945	0.0216924	0.693424	-1.44212	38.8583	10.8598	0.24842	1
cg12615150	0.130749	1.33148	1.33148	0.747872	0.944989	-1.05821	0.403923	0.860849	-1.16164	0.143381	0.75891	-1.31768	22.044	10.7458	0.433308	1
cg19666810	0.000221994	0.624423	-1.60148	0.193099	1.11125	1.11125	0.00016777	0.612258	-1.6333	0.0757424	0.859516	-1.16345	16.9806	1.57741	0.0825733	1
cg25277707	0.294012	0.920169	-1.08676	0.0017767	1.40511	1.40511	0.0311926	1.21321	1.21321	0.0287555	1.21793	1.21793	16.574	1.53368	0.0822534	1
cg08169830	0.318844	1.1967	1.1967	0.844645	0.966383	-1.03479	0.941859	0.987367	-1.01279	0.0232188	0.623179	-1.60467	13.2844	6.39176	0.427685	1
cg02056893	0.0883299	0.546234	-1.83072	0.00127045	0.22048	-4.53557	0.221097	0.661238	-1.51231	0.00510535	0.304231	-3.28698	7.96764	13.0497	1.45585	1
cg12122246	0.206952	1.34137	1.34137	0.0740348	1.55167	1.55167	0.268987	0.77566	-1.28922	0.485725	0.855292	-1.16919	6.44011	4.96664	0.685514	1
cg00747187	0.0166954	1.89484	1.89484	0.0725188	1.55009	1.55009	0.418887	1.19802	1.19802	0.0965917	0.670972	-1.49037	6.16242	4.66983	0.673593	1
cg26032392	0.0130222	0.424648	-2.35489	0.776535	0.923939	-1.08232	0.220673	1.43039	1.43039	0.332327	0.757278	-1.32052	5.99487	7.33759	1.08798	1
cg20071506	0.737533	1.05122	1.05122	0.0753318	1.34186	1.34186	0.207596	1.21816	1.21816	0.643367	0.933102	-1.07169	5.18163	1.80994	0.310488	1
cg22295745	0.34872	0.666667	-1.5	0.242083	1.67295	1.67295	0.0327114	0.349856	-2.85832	0.894347	1.05743	1.05743	5.09314	14.249	2.48682	1
cg10780234	0.833505	1.02237	1.02237	0.000500816	1.77203	1.77203	0.3265	1.11235	1.11235	0.471881	0.925967	-1.07995	4.78311	0.836903	0.155529	1
cg10412943	0.534339	0.7991	-1.25141	0.888871	1.05109	1.05109	0.265322	1.51237	1.51237	0.342658	1.4168	1.4168	4.43494	8.92013	1.78785	1
cg06567596	0.0495375	0.471001	-2.12314	0.198208	1.57917	1.57917	0.623554	1.18082	1.18082	0.686542	0.872574	-1.14603	4.30303	7.69339	1.58924	1
cg02958194	0.00316281	0.519937	-1.92331	0.500655	0.895054	-1.11725	0.013697	0.609916	-1.63957	0.737637	1.05604	1.05604	4.2503	1.7708	0.370338	1
cg17508434	0.43665	0.871603	-1.14731	0.0180694	1.64427	1.64427	0.169147	1.28876	1.28876	0.0244564	0.628621	-1.59078	4.19814	1.994	0.422197	1
cg09915377	0.0279354	0.650676	-1.53686	0.668353	1.07391	1.07391	0.365321	1.16637	1.16637	0.766073	1.0506	1.0506	3.90074	1.69123	0.385391	1
cg19807537	0.0566097	0.794311	-1.25895	0.0315422	1.30875	1.30875	0.130197	0.839938	-1.19056	0.28676	1.12529	1.12529	3.86058	0.696268	0.160314	1
cg21770322	0.111749	0.309552	-3.23047	0.633388	0.722294	-1.38448	0.138187	0.339353	-2.94678	0.97578	1.02077	1.02077	3.71281	26.9529	6.45282	1
cg24562669	0.0479018	0.190874	-5.23906	0.0939382	0.259593	-3.85219	0.0365391	0.168751	-5.9259	0.6827	0.740104	-1.35116	3.43081	29.1355	7.54872	1
cg26475168	0.0769529	1.4836	1.4836	3.12E-06	9.21539	9.21539	0.0285349	0.595545	-1.67913	0.000301553	3.24989	3.24989	25.4524	16.2159	0.566316	1
cg21919992	0.00298279	0.576249	-1.73536	0.0647958	0.755325	-1.32393	0.111678	0.791048	-1.26415	0.20617	0.834922	-1.19772	14.9329	4.3294	0.257709	1
cg07860043	0.00402739	2.49852	2.49852	0.521195	0.857172	-1.16663	0.474487	1.18814	1.18814	0.674425	1.10533	1.10533	13.0346	11.5971	0.790856	1
cg03018163	0.207368	1.47465	1.47465	4.58E-05	9.49267	9.49267	0.0818104	0.569278	-1.75661	0.0069893	2.77083	2.77083	12.22	16.5173	1.20148	1
cg01410876	0.010822	3.49855	3.49855	0.000293148	10.0644	10.0644	0.00168224	5.7943	5.7943	0.105283	1.99867	1.99867	8.97263	21.7559	2.15528	1
cg06862049	0.0356352	2.09273	2.09273	0.035268	2.09681	2.09681	0.0243681	0.444783	-2.24829	0.556481	1.19675	1.19675	7.50092	10.8327	1.28372	1
cg02784823	0.80036	1.17985	1.17985	0.0145913	7.12218	7.12218	0.140646	2.81354	2.81354	0.412669	1.72748	1.72748	5.54073	37.3828	5.99724	1
cg18418538	0.0796329	11.2769	11.2769	0.112304	0.116119	-8.61188	0.629725	0.546077	-1.83124	0.0459243	17.2753	17.2753	4.70839	115.659	21.835	1
cg09371853	0.23805	2.2473	2.2473	0.0127743	7.58894	7.58894	0.0644815	3.89937	3.89937	0.112232	3.10495	3.10495	4.6381	31.5323	6.04315	1
cg03095188	0.008471	3.6916	3.6916	0.829829	0.919766	-1.08723	0.0108889	3.4632	3.4632	0.143772	1.84108	1.84108	4.18721	10.0137	2.12578	1
cg16194588	0.896082	0.933331	-1.07143	0.0520049	3.21295	3.21295	0.0352893	0.274064	-3.64878	0.262876	1.85209	1.85209	4.09777	18.0919	3.9245	1
cg02265056	0.78639	1.03041	1.03041	0.0443796	0.775173	-1.29003	0.674832	1.04763	1.04763	0.694955	0.957466	-1.04442	3.99089	0.768826	0.17124	1
cg00861945	0.416061	0.777192	-1.28668	0.0148832	0.403212	-2.48009	0.404075	1.29551	1.29551	0.0890199	0.566228	-1.76607	3.77754	5.50174	1.29461	1
cg04731544	0.0128421	5.14217	5.14217	0.00273864	8.94621	8.94621	0.0245167	4.13621	4.13621	0.371144	1.62686	1.62686	3.76857	16.762	3.95363	1
cg18955367	0.458341	1.48757	1.48757	0.194715	2.05736	2.05736	0.0163725	0.213692	-4.67964	0.545305	1.37978	1.37978	3.664	16.0505	3.89386	1
cg08606911	0.506512	0.891385	-1.12185	0.756102	1.05459	1.05459	2.18E-06	7.24255	7.24255	0.345544	1.18025	1.18025	35.4315	16.3311	0.409707	1
cg14417498	0.00884804	5.44241	5.44241	0.957653	1.02736	1.02736	0.00021485	23.1337	23.1337	0.0724793	2.77027	2.77027	11.4203	46.7524	3.63894	1
cg07135032	0.893893	1.05892	1.05892	0.570984	0.782203	-1.27844	6.42E-05	23.3878	23.3878	0.0455062	2.67491	2.67491	8.98475	26.1882	2.59087	1
cg07686479	0.996628	1.00133	1.00133	0.630451	0.858854	-1.16434	0.00168244	4.09347	4.09347	0.156021	1.61024	1.61024	7.86335	12.2706	1.38709	1
cg17716664	0.115766	2.17233	2.17233	0.000193621	0.0464623	-21.5228	0.33728	0.640682	-1.56084	0.261317	0.5897	-1.69578	8.25863	22.8388	2.41977	1
cg17739202	0.125757	1.40187	1.40187	0.00378469	2.21786	2.21786	0.914981	0.978461	-1.02201	0.326707	0.813466	-1.22931	6.59552	4.34263	0.585263	1
cg05127450	0.959322	0.98094	-1.01943	0.389867	1.39439	1.39439	0.000278914	9.42281	9.42281	0.759532	1.12282	1.12282	5.9084	13.3217	2.00417	1
cg12128340	0.209855	1.26061	1.26061	0.0039886	1.9704	1.9704	0.0332772	1.54657	1.54657	0.15932	1.30158	1.30158	5.06569	2.46398	0.432361	1
cg27636676	0.0312824	0.496761	-2.01304	0.0113465	0.415706	-2.40554	0.645048	0.879464	-1.13706	0.208393	0.692638	-1.44376	4.48199	5.44284	1.07945	1
cg19777664	0.0734833	0.578722	-1.72794	0.0045678	0.355212	-2.81522	0.858149	0.95215	-1.05025	0.395993	0.788017	-1.26901	4.43603	5.27737	1.05748	1
cg15713630	0.425222	0.885957	-1.12872	0.368138	0.87157	-1.14735	0.0663705	0.736255	-1.35822	0.311159	0.855717	-1.16861	4.30836	1.50879	0.311289	1
cg24310780	0.0104886	1.8533	1.8533	0.00249234	2.23657	2.23657	0.161837	1.33126	1.33126	0.113057	1.39144	1.39144	4.1966	2.43846	0.516495	1
cg27440715	0.782646	1.13712	1.13712	0.265708	0.583371	-1.71418	0.00199879	7.59323	7.59323	0.623794	1.25823	1.25823	3.98801	13.6377	3.03971	1
cg19317413	0.23672	1.18523	1.18523	0.00154703	0.535765	-1.86649	0.0907466	0.774579	-1.29102	0.66385	0.941821	-1.06177	3.69844	1.10059	0.264517	1
cg23087598	0.100186	0.463161	-2.15908	0.0324242	0.342957	-2.91581	0.268914	0.611383	-1.63564	0.266186	0.609523	-1.64063	3.39809	9.82744	2.57071	1
cg24650501	0.573906	1.34209	1.34209	0.559753	0.736825	-1.35717	0.000651473	14.9822	14.9822	0.367095	1.61577	1.61577	6.73628	28.611	3.77538	1
cg23917513	0.87688	0.917732	-1.08964	0.895738	0.929971	-1.0753	0.600274	1.34015	1.34015	0.0365125	0.260332	-3.84125	3.41368	16.578	4.31675	1
cg18453621	0.147097	1.35976	1.35976	?	?	?	0.00318989	2.28843	2.28843	0.00359818	2.24629	2.24629	71.9684	37.8563	0.460262	1
cg03893387	0.00450298	0.584439	-1.71104	0.00200936	0.538848	-1.85581	0.0120791	0.641517	-1.5588	0.84459	0.972544	-1.02823	21.3758	6.81222	0.283279	1
cg13601997	0.00636661	0.80209	-1.24674	0.421217	1.05235	1.05235	4.46E-05	1.6163	1.6163	0.318937	1.06606	1.06606	19.9837	1.22071	0.0542979	1
cg14642696	0.261147	0.876381	-1.14106	0.942416	1.00817	1.00817	1.38E-05	2.77944	2.77944	0.78513	1.03125	1.03125	15.2085	3.05387	0.178489	1
cg13600622	0.0298952	0.593849	-1.68393	5.65E-05	0.217496	-4.59778	0.000303902	0.302033	-3.31089	0.123546	0.711599	-1.40529	11.7184	7.72113	0.585682	1
cg14225031	0.283666	0.656836	-1.52245	0.0236772	0.360867	-2.7711	0.000517639	7.71899	7.71899	0.0038759	4.34031	4.34031	10.2516	23.1202	2.00469	1
cg13466694	0.319703	1.28478	1.28478	0.00197221	0.344525	-2.90255	0.00178238	2.95581	2.95581	0.109549	1.52984	1.52984	8.99889	8.46415	0.836069	1
cg04048392	0.254407	1.42915	1.42915	0.00504592	0.328673	-3.04254	0.0031095	3.36547	3.36547	0.469589	0.801919	-1.24701	8.93738	12.7434	1.26743	1
cg13420975	0.0303696	0.327912	-3.0496	0.000490892	0.091451	-10.9348	0.0150476	0.270062	-3.70285	0.114852	0.471816	-2.11947	8.57963	26.0792	2.70192	1
cg13653144	0.7377	0.868156	-1.15187	0.806692	0.902014	-1.10863	0.000276655	12.2286	12.2286	0.716614	1.16572	1.16572	8.57763	24.0374	2.49097	1
cg14246940	0.212565	1.33822	1.33822	0.104501	1.48257	1.48257	0.222029	0.752166	-1.32949	0.589683	1.12842	1.12842	8.07897	6.30062	0.693226	1
cg18115406	0.869612	0.968947	-1.03205	0.136592	0.734955	-1.36063	0.000147476	3.50166	3.50166	0.0882749	1.43498	1.43498	8.05717	4.70493	0.519062	1
cg14398661	0.830409	0.949432	-1.05326	0.0051971	0.409705	-2.44078	0.00678653	0.427942	-2.33676	0.80515	0.941955	-1.06162	7.85042	7.2775	0.824019	1
cg24382823	0.0199865	0.329843	-3.03175	0.027834	2.79242	2.79242	0.000474059	8.74354	8.74354	0.00728733	3.92387	3.92387	7.61661	18.8235	2.19678	1
cg14916924	0.667618	0.848794	-1.17814	0.029959	0.379436	-2.63549	0.020801	0.347866	-2.87467	0.630734	0.832105	-1.20177	7.22299	16.4741	2.02736	1
cg15689835	0.519891	0.882909	-1.13262	0.992071	1.0019	1.0019	0.00025669	3.15505	3.15505	0.0435355	1.55752	1.55752	6.56472	3.78919	0.513071	1
cg04693928	0.87053	1.04326	1.04326	0.622097	0.878983	-1.13768	0.865202	1.0451	1.0451	0.963172	0.988083	-1.01206	6.3583	6.7884	0.949016	1
cg14042137	0.825167	1.03434	1.03434	0.056109	1.39117	1.39117	0.00452465	0.561417	-1.78121	0.304144	0.8501	-1.17633	6.34104	2.33862	0.327829	1
cg13634994	0.870908	1.02971	1.02971	0.917907	0.981611	-1.01873	0.000346136	0.354769	-2.81873	0.956926	1.00977	1.00977	6.29119	3.22901	0.456229	1
cg09660171	0.000827795	2.91189	2.91189	0.0323056	0.587369	-1.70251	0.39346	1.2039	1.2039	0.351093	1.22596	1.22596	5.46041	3.8971	0.6344	1
cg18055467	0.00456234	0.14492	-6.90036	0.0060129	0.159532	-6.26834	0.212491	0.510951	-1.95714	0.106169	0.405639	-2.46524	4.94223	20.4675	3.68119	1
cg13530999	0.949236	0.984963	-1.01527	0.366595	0.801937	-1.24698	0.0098946	0.46045	-2.17179	0.905369	0.972096	-1.02871	4.74128	4.25224	0.797204	1
cg12697116	0.251376	0.672378	-1.48726	0.0097262	2.95418	2.95418	0.537311	0.813102	-1.22986	0.153518	0.602794	-1.65894	4.62989	8.04493	1.54454	1
cg14204784	0.510021	1.45016	1.45016	0.385685	1.63986	1.63986	0.00250898	10.3255	10.3255	0.186285	2.17994	2.17994	4.32505	21.1887	4.35472	1
cg14325930	0.0593646	0.291996	-3.42471	0.00595835	0.124979	-8.00132	0.0805227	0.325913	-3.0683	0.267205	0.512461	-1.95137	4.13431	21.9031	4.70924	1
cg14355899	0.0978924	0.738915	-1.35334	0.434151	0.87548	-1.14223	0.52349	1.11376	1.11376	0.22547	0.808866	-1.2363	3.89249	1.7118	0.390907	1
cg14071650	0.0761801	0.345421	-2.89502	0.00660274	0.149575	-6.68561	0.0972679	0.375154	-2.66557	0.467649	0.671559	-1.48907	3.63624	16.7154	4.08612	1
cg18180900	0.0108285	1.57244	1.57244	0.0327629	1.42372	1.42372	0.402681	1.12877	1.12877	0.00329881	0.567715	-1.76145	6.148	1.94771	0.281604	1
cg03039127	0.339875	1.27833	1.27833	0.0258521	1.93577	1.93577	0.259985	0.745781	-1.34088	0.891154	1.03477	1.03477	3.95878	3.9073	0.877329	1
cg03760927	?	?	?	0	0.398374	-2.5102	?	?	?	?	?	?	?	3.16251	0	1
cg05428436	0.09955	0.802908	-1.24547	0.343245	0.888046	-1.12607	0.100869	1.24422	1.24422	0.803382	1.0308	1.0308	4.69608	1.0998	0.208173	1
cg17908442	0.0717808	1.37484	1.37484	0.00550293	0.561063	-1.78233	0.221138	0.815726	-1.2259	0.27512	1.19698	1.19698	4.06108	1.61298	0.353049	1
cg15344234	0.23668	1.27912	1.27912	0.0528031	0.645936	-1.54814	0.129003	0.722008	-1.38503	0.79793	0.950335	-1.05226	3.45333	2.15619	0.555005	1
cg08551619	0.0829932	0.476081	-2.10049	0.00758218	0.265036	-3.77307	0.0338906	0.383804	-2.6055	0.468607	0.751932	-1.32991	5.0686	12.0007	2.10459	1
cg11800013	0.00999896	0.265096	-3.77222	0.101702	2.07804	2.07804	0.41777	0.71317	-1.40219	0.868799	0.934738	-1.06982	5.03063	13.2779	2.34614	1
cg24153548	0.286652	0.899392	-1.11186	0.00128127	0.637653	-1.56825	0.796226	1.02511	1.02511	0.913162	1.01051	1.01051	4.05118	0.589281	0.129297	1
cg18920488	0.0470195	0.813883	-1.22868	0.00932206	0.741719	-1.34822	0.390011	0.923302	-1.08307	0.044823	1.23199	1.23199	80.8421	10.5081	0.11554	1
cg03635536	0.207436	0.721441	-1.38612	0.0254066	0.520727	-1.92039	0.156829	1.45053	1.45053	0.912107	0.973245	-1.02749	11.4495	10.939	0.849253	1
cg10178827	0.00449284	0.595929	-1.67805	0.00522012	0.604347	-1.65468	0.302337	0.864144	-1.15721	0.000761564	0.498022	-2.00794	5.46422	1.61611	0.262899	1
cg19691163	0.798122	0.933031	-1.07178	0.0216396	0.474366	-2.10808	0.247615	1.38667	1.38667	0.0990867	0.613244	-1.63067	6.68771	7.74667	1.02964	1
cg08175413	0.412638	0.807271	-1.23874	0.0694752	1.68037	1.68037	0.922844	1.02507	1.02507	0.0348148	0.533242	-1.87532	6.16137	6.37526	0.919747	1
cg02196651	0.008645	2.32673	2.32673	0.000224812	4.70323	4.70323	0.00223913	2.94361	2.94361	0.109579	1.55279	1.55279	8.02605	8.08872	0.89583	1
cg02554315	0.0505915	1.25982	1.25982	0.000403146	1.79191	1.79191	0.796006	1.02722	1.02722	0.0516573	1.25813	1.25813	7.23955	1.23251	0.15133	1
cg14916192	0.284826	1.26829	1.26829	0.00419381	2.27168	2.27168	0.282476	0.787473	-1.26988	0.672295	1.09529	1.09529	6.98082	5.06005	0.644312	1
cg11366178	0.0709741	1.41745	1.41745	0.00110327	2.2975	2.2975	0.0045249	1.92365	1.92365	0.888582	1.02454	1.02454	6.58336	3.11832	0.421037	1
cg04173182	0.15305	0.452751	-2.20872	0.00812569	0.172945	-5.78218	?	?	?	0.0172167	0.222461	-4.49516	5.37849	20.3061	3.77543	1
cg01877606	0.00754696	2.85455	2.85455	0.00304205	3.45182	3.45182	0.0102976	2.68191	2.68191	0.0691796	1.8597	1.8597	4.76983	7.03391	1.31082	1
cg12529273	0.046799	0.59648	-1.6765	0.00474118	2.34319	2.34319	0.204248	1.35546	1.35546	0.128761	1.45161	1.45161	4.56655	3.72714	0.725496	1
cg06015060	0.382084	1.18256	1.18256	0.696018	0.929187	-1.07621	0.000416223	2.84984	2.84984	0.351804	1.1963	1.1963	5.93319	3.28789	0.49258	1
cg06634862	0.183413	1.78328	1.78328	0.000341564	10.632	10.632	0.0100262	3.78905	3.78905	0.168684	1.82407	1.82407	5.35719	14.2503	2.36448	1
cg00770723	0.00683916	0.436163	-2.29272	0.0151804	0.493392	-2.02679	0.00637741	0.431352	-2.31829	0.00756733	0.443181	-2.25641	5.06262	4.49834	0.789813	1
cg12303160	0.137463	1.93724	1.93724	0.20827	1.73051	1.73051	0.00361073	5.09625	5.09625	0.129611	1.96774	1.96774	4.92834	13.3381	2.40569	1
cg15811435	0.888479	1.04453	1.04453	0.0880759	0.557384	-1.7941	0.0597249	1.93437	1.93437	0.0190921	0.414408	-2.41308	4.5883	7.00752	1.35756	1
cg00629217	0.680242	1.088	1.088	0.453342	1.16821	1.16821	0.104752	0.69708	-1.43456	0.0162664	0.549878	-1.81858	3.63674	2.38589	0.583157	1
cg22241045	0.40045	0.724617	-1.38004	0.162475	0.572301	-1.74733	0.27469	1.53012	1.53012	0.99183	1.00384	1.00384	3.4128	7.57064	1.97183	1
cg14748746	0.59902	1.09524	1.09524	0.00228465	2.07775	2.07775	0.822979	0.962312	-1.03916	0.349608	1.17949	1.17949	3.40449	1.58498	0.413826	1
cg11588787	0.00623116	0.199795	-5.00513	0.000178123	0.0567945	-17.6074	0.551616	0.761818	-1.31265	0.00373019	0.170483	-5.8657	10.0178	32.369	2.87213	1
cg06394460	0.047024	0.405297	-2.46733	0.0912328	0.477575	-2.09391	0.913618	1.04405	1.04405	0.0278757	0.356128	-2.80798	4.89441	12.236	2.22221	1
cg06348985	0.817081	1.0668	1.0668	0.649581	0.880149	-1.13617	0.514873	0.831668	-1.2024	0.409399	0.790193	-1.26551	4.07281	5.02474	1.09665	1
cg11698529	0.0946132	0.675093	-1.48128	0.00954817	2.0177	2.0177	0.555401	1.13605	1.13605	0.883008	0.969	-1.03199	7.22656	5.23441	0.643848	1
cg03941975	0.00504118	0.744334	-1.34348	0.0427504	1.20403	1.20403	0.0871634	1.16225	1.16225	0.00471138	0.741597	-1.34844	43.5529	4.37137	0.089217	1
cg17501386	0.570414	0.944335	-1.05895	0.000541933	0.584437	-1.71105	0.0174531	1.3351	1.3351	0.000270394	0.550734	-1.81576	15.0583	2.37892	0.140428	1
cg03299065	0.00190135	0.472547	-2.11619	0.134092	1.3169	1.3169	0.314928	1.1937	1.1937	0.0035391	0.509857	-1.96134	12.8066	5.88844	0.408709	1
cg20935784	0.000665861	0.278731	-3.58769	0.000823795	0.290643	-3.44065	0.00612747	0.415966	-2.40404	0.0150011	0.480325	-2.08192	12.4244	11.834	0.846651	1
cg11108474	0.342825	1.46765	1.46765	0.00192463	0.178417	-5.60486	0.159176	0.553951	-1.80521	0.313826	1.50523	1.50523	12.3628	30.176	2.16967	1
cg20161771	0.00305737	0.53869	-1.85635	0.010853	0.613966	-1.62875	0.0267157	0.670086	-1.49235	0.0422519	0.699922	-1.42873	8.0427	2.96227	0.327393	1
cg08801017	0.184669	1.58758	1.58758	0.250433	0.673989	-1.4837	0.188727	1.58008	1.58008	0.0494627	0.478802	-2.08855	6.92349	11.8343	1.51938	1
cg15509177	0.0115749	0.375245	-2.66493	0.00235208	0.267744	-3.73491	0.00202681	0.258889	-3.86266	0.0667343	0.528233	-1.8931	6.73723	10.2854	1.35703	1
cg06722407	0.0110994	2.73029	2.73029	0.0363748	0.464241	-2.15405	0.0385424	2.12973	2.12973	0.449526	0.784218	-1.27515	4.83244	7.61492	1.4007	1
cg05076820	0.000147074	0.160569	-6.22785	1.40E-05	0.0790853	-12.6446	6.20E-05	0.126372	-7.91314	0.000463655	0.213771	-4.67791	27.908	34.6844	1.10472	1
ch.7.2986028F	0.251353	0.551533	-1.81313	0.0437147	0.316261	-3.16194	0.0206373	0.250552	-3.99119	0.175621	0.489155	-2.04434	3.92898	15.3412	3.47078	1
cg20238105	0.0542728	0.281936	-3.54691	0.0115241	0.160144	-6.2444	0.0100897	0.152317	-6.56527	0.0462869	0.266238	-3.75604	3.89594	20.733	4.73041	1
cg18994377	0.16703	1.15374	1.15374	0.0111613	0.734344	-1.36176	0.0135586	0.743357	-1.34525	0.559884	0.944373	-1.0589	28.5804	4.26607	0.13268	1
cg06832331	0.388892	0.739586	-1.35211	0.000666333	0.168731	-5.92658	?	?	?	0.636313	1.17671	1.17671	11.7055	19.2324	1.64302	1
cg17775736	0.871698	1.06246	1.06246	0.0305072	0.385577	-2.59351	0.168353	0.576793	-1.73372	0.0479022	2.33453	2.33453	7.32001	16.2908	1.97823	1
cg03500585	0.0122192	0.559044	-1.78877	0.282566	1.2312	1.2312	0.985737	1.00334	1.00334	0.785395	1.05215	1.05215	5.6612	3.11083	0.488444	1
cg14455613	0.735558	0.924175	-1.08205	0.0156769	1.99175	1.99175	0.00573946	2.32167	2.32167	0.359174	0.803069	-1.24522	5.85455	5.01731	0.761773	1
cg15061530	0.000903726	8.72706	8.72706	0.423032	1.42908	1.42908	0.434554	0.706193	-1.41604	0.310814	1.58015	1.58015	5.91369	17.8285	2.67981	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08859095	LOC100128071;LOC100128071;TSSK3	0.0257844	0.921591	1.04591	1.04591	0.0159231	3.84185	3.84185	0.444204	0.700725	-1.42709	0.0123426	4.13907	4.13907	0.589943	0.780314	-1.28154
cg01555014	LOC100128071;LOC100128071;TSSK3	0.0263986	0.00804305	4.32646	4.32646	0.0880607	2.25254	2.25254	0.335667	1.53464	1.53464	0.00351509	5.51585	5.51585	0.85359	0.923398	-1.08296
cg16379513	LOC100128071;TSSK3	0.0143037	0.0276542	3.82414	3.82414	0.00329983	7.86204	7.86204	0.0320046	3.64855	3.64855	0.0168119	4.4951	4.4951	0.0546021	3.07489	3.07489
cg08843283	LOC100128071;TSSK3	0.0304703	0.0212316	13.8228	13.8228	0.0590553	7.54868	7.54868	0.05913	7.54306	7.54306	0.0569541	7.71157	7.71157	0.0999411	5.52583	5.52583
cg14605590	LOC100128076	0.00866532	0.00243243	0.190046	-5.2619	0.456114	0.741809	-1.34806	0.0969313	0.488251	-2.04813	0.45062	0.739001	-1.35318	0.00431118	0.222758	-4.48917
cg20941170	LOC100128164;LOC100128164;SEC62	0.0208467	0.107633	0.752395	-1.32909	0.39239	0.867646	-1.15254	0.0496249	1.43749	1.43749	0.357426	0.85783	-1.16573	0.451248	1.13243	1.13243
cg04561804	LOC100128164;SEC62;LOC100128164	7.46E-05	0.451874	1.24826	1.24826	1.41E-05	13.7136	13.7136	0.00134154	3.85087	3.85087	9.07E-06	16.1108	16.1108	0.0445036	1.9495	1.9495
cg09436420	LOC100128164;SEC62;LOC100128164	8.52E-05	0.981295	1.00357	1.00357	7.39E-05	2.98563	2.98563	0.000124839	2.75967	2.75967	0.00117156	2.06127	2.06127	0.0185338	0.648178	-1.54279
cg02276793	LOC100128164;SEC62;LOC100128164	0.00115718	0.00115837	0.489836	-2.0415	0.000934943	2.09295	2.09295	0.000432485	2.29884	2.29884	0.369333	0.871206	-1.14783	0.343144	0.864118	-1.15725
cg23065793	LOC100128164;SEC62;LOC100128164	0.002813	0.830734	0.96126	-1.0403	0.0323757	1.58786	1.58786	0.0004663	0.362162	-2.7612	0.00230968	0.455762	-2.19413	0.00170469	0.437396	-2.28626
cg13888070	LOC100128164;SEC62;LOC100128164	0.00514083	0.0929582	1.80606	1.80606	0.0027284	3.75575	3.75575	0.0215614	2.41739	2.41739	0.000411604	6.01127	6.01127	0.948508	0.979556	-1.02087
cg10691726	LOC100128164;SEC62;LOC100128164	0.00908637	0.284377	1.37845	1.37845	0.409613	1.27556	1.27556	0.425637	1.26465	1.26465	0.993008	1.00253	1.00253	0.590756	0.854982	-1.16962
cg13245615	LOC100128164;SEC62;LOC100128164	0.044698	0.35539	0.821561	-1.21719	0.00585407	0.474335	-2.10822	0.407131	0.839193	-1.19162	0.394206	0.834915	-1.19773	0.725378	0.929679	-1.07564
cg10501828	LOC100128191;TMPO;TMPO;TMPO	0.000255518	0.124501	0.871476	-1.14748	8.67E-05	1.79058	1.79058	0.0104627	1.30546	1.30546	0.000174888	1.69326	1.69326	0.627656	1.04126	1.04126
cg01808879	LOC100128191;TMPO;TMPO;TMPO	0.0108839	0.00055809	0.0315598	-31.6859	0.0502901	0.236815	-4.22271	0.189356	0.407592	-2.45343	0.242658	0.454163	-2.20185	0.0295435	0.191269	-5.22825
cg24732796	LOC100128239	2.67E-06	0.485796	0.956515	-1.04546	3.07E-07	2.55888	2.55888	0.389676	1.05689	1.05689	0.723147	1.02258	1.02258	0.000558542	1.39936	1.39936
cg06769296	LOC100128239	0.000347186	0.00346253	0.233324	-4.28588	0.901639	1.04638	1.04638	0.00544823	3.82165	3.82165	0.00328119	4.34572	4.34572	0.00184734	0.197693	-5.05834
cg20761187	LOC100128239	0.0155905	0.00578913	0.312256	-3.2025	0.536421	1.22331	1.22331	0.0637273	0.511156	-1.95635	0.425094	0.769318	-1.29985	0.00681198	0.323445	-3.09172
cg21599336	LOC100128239	0.0169002	0.014108	0.363751	-2.74914	0.0403585	0.453614	-2.20452	0.0204235	0.393482	-2.54141	0.664582	0.864478	-1.15677	0.00210952	0.236172	-4.2342
cg15003194	LOC100128239	0.0217514	0.0730397	0.369378	-2.70725	0.00606536	0.167779	-5.96023	0.00357881	0.140092	-7.13817	0.608699	0.773213	-1.2933	0.0394119	0.305147	-3.27711
cg13340335	LOC100128239	0.0255304	0.560398	0.873879	-1.14432	0.00140399	2.88405	2.88405	0.0311132	1.78484	1.78484	0.936911	1.01829	1.01829	0.171872	0.716759	-1.39517
cg17119170	LOC100128239	0.0327165	0.0338479	0.435034	-2.29867	0.0188573	0.384567	-2.60033	0.0549086	0.481266	-2.07785	0.426682	0.761347	-1.31346	0.0830074	0.524755	-1.90565
cg03987786	LOC100128288	0.0338226	0.275777	0.606917	-1.64767	0.00377475	0.178796	-5.59297	0.0195952	0.288746	-3.46326	0.743954	0.865578	-1.1553	0.0129766	0.25717	-3.88847
cg08651763	LOC100128292;DLG5	0.00275671	0.48688	0.920042	-1.08691	0.000319116	1.98855	1.98855	0.785601	1.03269	1.03269	0.198864	0.852007	-1.1737	0.00245913	1.64361	1.64361
cg16445399	LOC100128292;DLG5	0.0320733	0.165501	0.760701	-1.31458	0.0510012	1.50835	1.50835	0.516638	1.12929	1.12929	0.288868	0.815799	-1.22579	0.0297369	0.623091	-1.6049
cg08694280	LOC100128292;DLG5	0.0338333	0.0643334	0.498525	-2.00592	0.533192	0.809469	-1.23538	0.602377	1.19249	1.19249	0.742951	0.89564	-1.11652	0.0493976	0.471858	-2.11928
cg21010350	LOC100128542	0.000172493	0.587024	0.927289	-1.07841	0.00259666	0.563042	-1.77607	2.50E-05	0.31581	-3.16646	0.00068546	0.489767	-2.04179	0.759908	0.958686	-1.04309
cg12920361	LOC100128542	0.00261783	0.00717657	0.346762	-2.88382	0.212149	1.49335	1.49335	0.0182931	0.417338	-2.39614	0.000202113	0.149226	-6.70124	0.110946	1.69877	1.69877
cg13354695	LOC100128542	0.00267234	0.223502	0.765322	-1.30664	0.0063583	0.47578	-2.10181	0.0112641	0.514835	-1.94237	0.000183234	0.266454	-3.75299	0.666677	1.09485	1.09485
cg20752420	LOC100128542	0.00370206	0.72514	0.930001	-1.07527	0.282641	1.25798	1.25798	0.00297264	2.31181	2.31181	0.254995	1.27675	1.27675	0.000434837	3.13728	3.13728
cg19453136	LOC100128554	0.00119001	0.0147998	0.59833	-1.67132	0.0304136	0.646774	-1.54614	0.0890509	0.725284	-1.37877	0.00737358	0.553557	-1.8065	8.25E-05	0.296831	-3.36892
cg01106036	LOC100128554	0.00550012	0.673419	0.909946	-1.09897	0.0359995	0.580993	-1.72119	0.349157	0.806894	-1.23932	0.848875	0.95842	-1.04338	0.0521129	0.61149	-1.63535
cg22939345	LOC100128554	0.0108642	0.605266	1.08578	1.08578	0.718153	0.944394	-1.05888	0.0565814	0.711289	-1.4059	0.610006	1.08459	1.08459	0.00266089	0.51896	-1.92693
cg22228988	LOC100128554	0.017709	0.072009	1.94589	1.94589	0.000733801	5.47895	5.47895	0.0978742	1.8257	1.8257	0.929366	1.02983	1.02983	0.0803256	0.525666	-1.90235
cg26787589	LOC100128554	0.0416979	0.290486	0.86006	-1.16271	0.452295	1.11096	1.11096	0.343594	0.874525	-1.14348	0.0139957	1.51743	1.51743	0.00482765	0.598242	-1.67157
cg25273451	LOC100128573	0.00562175	0.190988	0.590829	-1.69254	0.43677	1.35189	1.35189	0.00306211	0.214104	-4.67063	0.0800783	0.478058	-2.0918	0.000969318	0.154698	-6.46421
cg02182476	LOC100128573	0.00935372	0.0471013	0.710854	-1.40676	0.269562	0.841392	-1.18851	0.731075	0.949498	-1.05319	0.0284323	0.678088	-1.47474	0.147557	1.26289	1.26289
cg04423572	LOC100128640	0.0181456	0.682576	1.03577	1.03577	0.0899498	0.852346	-1.17323	0.315485	0.915104	-1.09277	0.291275	0.91064	-1.09813	0.000977319	0.657572	-1.52075
cg27244524	LOC100128640;ACVR2B	0.000603626	0.793819	0.939502	-1.06439	3.69E-05	6.62465	6.62465	0.444322	1.20418	1.20418	0.0656367	0.611258	-1.63597	0.0555889	1.67674	1.67674
cg19036007	LOC100128640;ACVR2B	0.00133666	0.000433117	0.612153	-1.63358	0.012018	1.31821	1.31821	0.777657	0.975343	-1.02528	0.0143777	0.766366	-1.30486	0.230999	0.895112	-1.11718
cg01656770	LOC100128640;ACVR2B	0.0185254	0.235159	0.877308	-1.13985	0.1999	1.15311	1.15311	0.337346	0.901174	-1.10966	0.394862	1.09601	1.09601	0.308998	1.11713	1.11713
cg05359028	LOC100128640;ACVR2B	0.0210364	0.427438	0.889229	-1.12457	0.00175576	1.90789	1.90789	0.0441463	0.7153	-1.39801	0.939103	0.98899	-1.01113	0.0619912	1.35595	1.35595
cg22935551	LOC100128675;HPN;HPN	0.00136083	0.981995	0.994341	-1.00569	0.239205	1.36338	1.36338	0.868861	0.959297	-1.04243	0.846859	0.95254	-1.04982	0.000249049	0.218634	-4.57385
cg22703124	LOC100128675;HPN;HPN	0.00170128	0.333572	0.762228	-1.31194	0.0057819	0.373682	-2.67607	0.00919987	0.406495	-2.46006	0.00575875	0.373406	-2.67805	8.90E-05	0.148074	-6.75339
cg16663025	LOC100128675;HPN;HPN	0.0465715	0.706125	0.918077	-1.08923	0.0288467	0.559038	-1.78879	0.00396163	0.417143	-2.39726	0.673192	0.908718	-1.10045	0.423007	0.83139	-1.20281
cg04253799	LOC100128675;LOC100128675	0.00733789	0.069273	0.526192	-1.90045	0.184506	0.641026	-1.56	0.00172705	0.243559	-4.10579	0.291883	0.707863	-1.4127	0.000584154	0.186467	-5.36288
cg06038409	LOC100128731	0.0148917	?	?	?	0.849326	1.02312	1.02312	0.0351177	1.34317	1.34317	0.0787705	1.26446	1.26446	0.471035	0.91564	-1.09213
cg06344054	LOC100128788;LOC100128788	4.59E-06	5.82E-07	0.122673	-8.15176	4.49E-06	0.200727	-4.9819	5.14E-05	0.315467	-3.1699	0.698983	1.06093	1.06093	2.25E-05	0.274334	-3.64519
cg16392797	LOC100128788;LOC100128788	2.76E-05	0.157032	0.806532	-1.23988	0.185881	1.22051	1.22051	9.79E-06	0.25901	-3.86086	0.931635	1.01226	1.01226	2.00E-06	0.18872	-5.29885
cg07875082	LOC100128788;LOC100128788	0.0110349	0.0135254	0.324579	-3.08091	0.801402	1.09722	1.09722	0.787712	0.905415	-1.10447	0.0816344	0.491427	-2.03489	0.0355423	0.406215	-2.46175
cg16359034	LOC100128788;LOC100128788	0.0182701	0.0140715	0.121698	-8.21709	0.766121	0.812796	-1.23032	0.0396393	0.191425	-5.22399	0.228242	0.415298	-2.40791	0.00606423	0.0828922	-12.0639
cg10575367	LOC100128788;SRRM2	0.00045938	0.00158173	2.30693	2.30693	0.353948	0.838828	-1.19214	0.0201695	0.596688	-1.67592	0.0409373	1.5446	1.5446	0.0457343	0.655679	-1.52514
cg16792312	LOC100128788;SRRM2	0.000932862	0.000830181	3.51263	3.51263	0.00279753	2.79677	2.79677	0.799568	0.938458	-1.06558	0.0111453	2.21282	2.21282	0.00240153	0.347911	-2.8743
cg27663249	LOC100128788;SRRM2	0.00407367	0.352652	0.818091	-1.22236	0.399761	1.19837	1.19837	0.0037082	0.439063	-2.27758	0.331491	1.2341	1.2341	0.256562	0.77989	-1.28223
cg06736444	LOC100128788;SRRM2	0.0154063	0.00107054	6.29353	6.29353	0.445803	1.34419	1.34419	0.4103	0.725812	-1.37777	0.00824178	3.61863	3.61863	0.086077	0.485848	-2.05825
cg04484916	LOC100128788;SRRM2	0.0261601	0.110863	1.94849	1.94849	0.0674337	2.19654	2.19654	0.0549007	2.30708	2.30708	0.297482	1.514	1.514	0.0192434	2.96659	2.96659
cg03507326	LOC100128788;SRRM2	0.0289108	0.00158997	13.0766	13.0766	0.734576	0.824455	-1.21292	0.929451	1.05151	1.05151	0.0195063	4.95994	4.95994	0.148324	0.414986	-2.40972
cg24997896	LOC100128811;GPR158	0.00978668	0.978434	0.997073	-1.00294	0.917179	0.988785	-1.01134	0.365472	0.904092	-1.10608	0.375769	1.10358	1.10358	0.615622	0.94659	-1.05642
cg13448753	LOC100128811;GPR158	0.0120146	0.051766	0.6494	-1.53988	0.00238127	2.28422	2.28422	0.601099	0.902233	-1.10836	0.0344113	1.61801	1.61801	0.911724	0.978603	-1.02186
cg03427299	LOC100128811;GPR158	0.0212351	0.721739	1.05061	1.05061	0.00777378	1.60303	1.60303	0.0208479	1.46813	1.46813	0.79031	1.03748	1.03748	0.70341	1.05423	1.05423
cg16541931	LOC100128811;GPR158	0.0351457	0.35023	1.12931	1.12931	0.476928	1.09578	1.09578	0.101741	1.25429	1.25429	0.116168	1.24103	1.24103	0.372064	1.12289	1.12289
cg19044256	LOC100128811;GPR158;GPR158	0.0193727	0.370793	1.21856	1.21856	0.0675287	0.643681	-1.55357	0.85267	1.0408	1.0408	0.224426	0.759968	-1.31585	0.0673523	1.55411	1.55411
cg21364231	LOC100128822	0.00727114	0.0186736	1.59177	1.59177	0.345819	1.17153	1.17153	0.00743927	1.7543	1.7543	0.309769	1.18695	1.18695	0.00255795	1.97822	1.97822
cg02777535	LOC100128822	0.0137513	0.242494	0.767601	-1.30276	0.506938	1.15671	1.15671	0.101792	1.47298	1.47298	0.141599	0.710522	-1.40742	0.0314266	0.579429	-1.72584
cg05793193	LOC100128822	0.0377212	0.603389	0.932921	-1.0719	0.0488809	1.34709	1.34709	0.0105596	1.53131	1.53131	0.20627	0.83811	-1.19316	0.950456	0.991802	-1.00827
cg03684273	LOC100128822	0.0447944	0.038152	0.583641	-1.71338	0.33402	0.799901	-1.25016	0.0531783	1.636	1.636	0.55035	0.873365	-1.145	0.165805	0.718081	-1.3926
cg01705575	LOC100128822	0.0489167	0.847815	0.955326	-1.04676	0.361373	1.25006	1.25006	0.00127021	3.06009	3.06009	0.374908	0.80522	-1.2419	0.298234	0.773758	-1.29239
cg01906170	LOC100128977	0.0225468	0.996067	0.999049	-1.00095	0.0279552	1.65068	1.65068	0.325958	0.822228	-1.21621	0.0861768	0.693571	-1.44181	0.222121	0.78064	-1.281
cg15218995	LOC100128977;IMP5	4.40E-05	0.0468889	0.754862	-1.32475	5.17E-05	0.392101	-2.55036	5.93E-05	0.399126	-2.50548	0.0326784	1.36202	1.36202	0.000919614	0.542199	-1.84434
cg03723148	LOC100128977;IMP5	0.00433975	0.0050438	0.420528	-2.37797	0.68131	0.908055	-1.10125	0.00662473	0.439022	-2.27779	0.0128222	0.485801	-2.05846	0.00082812	0.308531	-3.24116
cg27589368	LOC100128977;IMP5	0.00529522	0.00325088	0.538176	-1.85813	0.2249	0.821361	-1.21749	0.864543	0.973984	-1.02671	0.0278239	0.6694	-1.49388	0.182682	1.24398	1.24398
cg17612147	LOC100128977;IMP5	0.018992	0.0267305	0.402759	-2.48288	0.0501198	0.461243	-2.16806	0.185651	1.62617	1.62617	0.176962	1.64413	1.64413	0.0604239	0.480181	-2.08255
cg20995065	LOC100128977;IMP5	0.0357111	0.663106	1.13321	1.13321	0.00934849	0.390468	-2.56103	0.00364423	0.325601	-3.07124	0.451821	1.24445	1.24445	0.904394	1.03488	1.03488
cg15679139	LOC100128977;IMP5	0.0452219	0.458015	0.773954	-1.29207	0.0952546	0.537126	-1.86176	0.0026893	0.245014	-4.0814	0.498548	0.792184	-1.26233	0.0101237	0.332868	-3.00419
cg14243010	LOC100129034;PSMB7	0.0364968	0.933077	1.02797	1.02797	0.770573	1.10082	1.10082	0.112967	0.567399	-1.76243	0.848405	0.939072	-1.06488	0.00174899	0.230971	-4.32956
cg26354750	LOC100129055	0.0281287	0.0219412	0.241786	-4.13588	0.278286	0.558645	-1.79004	0.0427204	0.299758	-3.33603	0.277019	0.557719	-1.79302	0.00310889	0.123819	-8.07629
cg21243459	LOC100129066	0.00149686	0.00221053	0.380558	-2.62772	0.157214	0.711257	-1.40596	0.239721	0.757833	-1.31955	0.00638434	0.449589	-2.22425	0.000116592	0.218569	-4.57521
cg13912573	LOC100129066	0.00505635	0.0243706	0.325735	-3.06998	0.000474541	0.100807	-9.9199	0.00799472	0.241428	-4.14202	0.133363	0.508173	-1.96783	0.0110798	0.264011	-3.78772
cg14624784	LOC100129066	0.00603441	0.0134829	0.566642	-1.76478	0.448787	0.866447	-1.15414	0.00083575	0.393119	-2.54376	0.123749	0.733739	-1.36288	0.00043028	0.355387	-2.81383
cg13466725	LOC100129066	0.00951795	0.0119246	0.158241	-6.31947	0.00462423	0.109264	-9.15215	0.0117507	0.15736	-6.35485	0.0653763	0.296613	-3.3714	0.0386588	0.244848	-4.08417
cg13922800	LOC100129066	0.0348805	0.116684	0.361621	-2.76533	0.00271228	0.0844573	-11.8403	0.0195303	0.185594	-5.38811	0.356248	0.56766	-1.76162	0.137945	0.3855	-2.59403
cg24257776	LOC100129354	0.0126391	0.00724865	1.71396	1.71396	0.0958941	0.752441	-1.32901	0.3547	1.15961	1.15961	0.326199	1.17077	1.17077	0.00875399	0.594888	-1.68099
cg19207090	LOC100129354	0.0348968	0.034372	0.317277	-3.15182	0.523583	0.740315	-1.35078	0.973815	1.01538	1.01538	0.00733323	0.200321	-4.99198	0.00932642	0.215677	-4.63657
cg09449070	LOC100129387	0.00220764	0.37328	0.91562	-1.09216	0.000622112	0.601843	-1.66156	0.00287143	0.673314	-1.48519	0.0159753	1.32913	1.32913	0.0893388	1.19803	1.19803
cg07474312	LOC100129387;GABPB1;GABPB1;FLJ10038;GABPB1;GABPB1;GABPB1	0.000621787	0.0032825	0.547886	-1.8252	0.052638	1.39219	1.39219	0.000971815	2.09003	2.09003	0.0446012	0.707283	-1.41386	0.31151	1.17029	1.17029
cg11669283	LOC100129534;MORN1	0.00518026	0.269828	0.756537	-1.32181	0.168502	0.700267	-1.42803	0.185192	0.710938	-1.40659	0.00615395	0.419882	-2.38162	0.000340501	0.246302	-4.06006
cg26462488	LOC100129550	0.00389092	0.804801	1.05525	1.05525	0.000266792	0.272619	-3.66812	0.00506328	0.447147	-2.2364	0.945117	0.985159	-1.01506	0.0239666	0.557139	-1.79488
cg05508315	LOC100129550	0.0078994	0.0954989	0.573061	-1.74502	0.00910641	0.36519	-2.7383	0.00214931	0.269764	-3.70695	0.00288234	0.287662	-3.4763	0.0323418	0.466812	-2.14219
cg09150647	LOC100129550	0.00804471	0.058567	0.465449	-2.14846	0.0151464	0.343714	-2.9094	0.00524525	0.267738	-3.73499	0.272426	1.50506	1.50506	0.00139599	0.1907	-5.24384
cg22707878	LOC100129550	0.0195829	0.997858	0.999291	-1.00071	0.0722972	0.588403	-1.69951	0.0233121	0.488329	-2.0478	0.636993	0.881889	-1.13393	0.000812558	0.26311	-3.80069
cg05502766	LOC100129550	0.0400415	0.00680214	2.15709	2.15709	0.785322	0.9419	-1.06168	0.57416	0.882964	-1.13255	0.484024	1.16873	1.16873	0.100918	1.48268	1.48268
cg05812035	LOC100129637	0.0100666	0.929392	0.988131	-1.01201	0.000567717	2.05314	2.05314	0.00981473	1.5524	1.5524	0.0601098	1.33071	1.33071	0.969634	0.994884	-1.00514
cg09276655	LOC100129637	0.0112362	0.445072	1.16552	1.16552	0.73708	0.935856	-1.06854	0.264933	1.25683	1.25683	0.117485	0.715685	-1.39726	0.164835	0.747111	-1.33849
cg05304979	LOC100129637	0.0116548	0.253071	1.54943	1.54943	0.0133941	3.07568	3.07568	0.108479	1.90078	1.90078	0.412326	0.735302	-1.35998	0.160616	1.73286	1.73286
cg07102001	LOC100129637	0.0159827	0.013118	0.374187	-2.67246	0.0399534	0.468264	-2.13555	0.00835361	0.340632	-2.93572	0.844079	0.939016	-1.06495	0.0100406	0.35403	-2.82462
cg03538922	LOC100129637	0.040821	0.212074	1.32102	1.32102	0.0218796	1.79067	1.79067	0.00266644	2.41043	2.41043	0.234043	1.30242	1.30242	0.958434	0.989022	-1.0111
cg00270654	LOC100129637	0.0417671	0.19011	0.769657	-1.29928	0.0887094	1.42514	1.42514	0.0146221	1.76339	1.76339	0.153463	0.749489	-1.33424	0.528958	0.886617	-1.12788
cg00348621	LOC100129716;ARRDC3	0.0087308	0.902077	0.945809	-1.0573	0.00325931	6.14516	6.14516	0.576377	1.29108	1.29108	0.437736	1.43089	1.43089	0.173429	0.519129	-1.9263
cg00598143	LOC100129716;ARRDC3	0.0128183	0.472932	0.883826	-1.13144	0.973082	0.994308	-1.00572	0.187842	1.26631	1.26631	0.00677205	0.552257	-1.81075	0.424676	0.871163	-1.14789
cg04122568	LOC100129716;ARRDC3	0.0178254	0.0248626	1.72068	1.72068	0.0111818	1.90825	1.90825	0.072728	1.50214	1.50214	0.200591	1.31621	1.31621	0.0194186	1.77599	1.77599
cg26124717	LOC100129716;ARRDC3	0.0222426	0.402459	1.08845	1.08845	0.0861765	1.20627	1.20627	0.00359834	1.47684	1.47684	0.140487	0.85484	-1.16981	0.357239	0.910597	-1.09818
cg16678219	LOC100129716;ARRDC3	0.0495635	0.108445	1.32902	1.32902	0.0282595	1.52308	1.52308	0.139234	1.29499	1.29499	0.887315	1.0233	1.0233	0.913902	1.01772	1.01772
cg14455465	LOC100129726;ZFP36L2	0.000254009	0.996096	1.00106	1.00106	0.041589	1.66148	1.66148	0.0876967	0.665421	-1.50281	0.0238374	0.558351	-1.79099	0.156324	1.38776	1.38776
cg04160046	LOC100129935	0.021417	0.0093211	0.152378	-6.56264	0.0596658	0.297501	-3.36133	0.286734	0.532039	-1.87956	0.177093	0.441147	-2.26682	0.460592	0.651469	-1.53499
cg23675441	LOC100130000	0.0046059	0.0046353	0.143925	-6.94805	0.197271	0.49584	-2.01678	0.0036738	0.132485	-7.54801	0.522858	0.716568	-1.39554	0.000833598	0.0751401	-13.3085
cg12447329	LOC100130000	0.00486591	0.202118	0.759905	-1.31595	0.411455	1.18674	1.18674	9.02E-05	0.239869	-4.16893	0.429915	0.848523	-1.17852	0.238712	0.777583	-1.28604
cg15693944	LOC100130000	0.0219256	0.129957	0.620896	-1.61058	0.00118767	0.250348	-3.99443	0.04006	0.500915	-1.99635	0.623129	1.15525	1.15525	0.173212	0.655566	-1.5254
cg25042383	LOC100130015	0.00134356	0.00115195	0.2503	-3.9952	0.0899469	0.581602	-1.71939	0.688105	0.889573	-1.12413	0.835983	1.06196	1.06196	0.000266582	0.176311	-5.6718
cg06907930	LOC100130015;GAS8;LOC100130015;GAS8	0.0406082	0.00503979	0.568212	-1.75991	0.0393559	1.43802	1.43802	0.474443	1.11723	1.11723	0.375756	0.870638	-1.14858	0.582534	1.08828	1.08828
cg06174989	LOC100130015;LOC100130015	0.000853734	0.000733434	4.22451	4.22451	0.0578355	1.82616	1.82616	0.000883465	4.05248	4.05248	0.0153851	2.30505	2.30505	0.220015	1.43638	1.43638
cg06981439	LOC100130015;LOC100130015	0.000980645	3.94E-05	14.1795	14.1795	0.00954921	3.02403	3.02403	0.0881727	1.88578	1.88578	0.638734	0.852641	-1.17283	0.846966	1.06731	1.06731
cg10319943	LOC100130015;LOC100130015	0.0014594	0.00890534	2.22868	2.22868	0.23687	1.34773	1.34773	0.279695	0.762912	-1.31077	0.0141603	2.07285	2.07285	0.0385069	0.561431	-1.78116
cg01898661	LOC100130015;LOC100130015	0.0103821	0.567906	1.38792	1.38792	0.36568	1.69515	1.69515	0.294748	1.85347	1.85347	0.278358	1.89662	1.89662	0.000976859	0.0617276	-16.2002
cg09012633	LOC100130015;LOC100130015	0.0121925	0.0154611	2.2174	2.2174	0.457953	1.22458	1.22458	0.00169404	3.32736	3.32736	0.744527	1.0916	1.0916	0.0422994	0.534222	-1.87188
cg00782645	LOC100130015;LOC100130015	0.0309871	0.267826	1.32892	1.32892	0.968424	1.0098	1.0098	0.693315	1.10257	1.10257	0.0321798	1.85546	1.85546	0.0168605	0.48758	-2.05095
cg05301368	LOC100130017	1.46E-05	9.52E-06	0.259359	-3.85567	0.338481	0.869778	-1.14972	0.00348286	0.570854	-1.75176	6.46E-07	0.146167	-6.84151	0.275576	0.851815	-1.17396
cg04881642	LOC100130017	0.00041658	1.52E-05	0.0820984	-12.1805	0.0382397	0.511826	-1.95379	0.000483865	0.217395	-4.59991	0.889522	1.03952	1.03952	0.042851	0.522025	-1.91562
cg15646359	LOC100130017	0.000822575	0.0437957	0.648814	-1.54127	0.73081	0.93756	-1.0666	0.624862	0.912106	-1.09636	0.0722898	0.687667	-1.45419	0.580159	1.10994	1.10994
cg00250123	LOC100130017	0.000833072	3.18E-05	0.171314	-5.83725	0.499212	0.861217	-1.16115	0.0111488	0.500105	-1.99958	0.0156887	0.524634	-1.90609	0.00117328	0.354397	-2.82169
cg26342535	LOC100130017	0.000857863	0.000164597	0.0385971	-25.9087	0.000629725	0.0697885	-14.329	0.0225273	0.25049	-3.99217	0.0477938	0.317716	-3.14747	0.00150353	0.0985206	-10.1502
cg09816756	LOC100130017	0.00138217	3.82E-05	0.0637043	-15.6975	0.246844	1.52527	1.52527	0.00656152	0.292014	-3.4245	0.100756	0.534355	-1.87142	0.0139846	0.347102	-2.881
cg05649126	LOC100130017	0.00415281	0.000222261	0.0535357	-18.6791	0.0516895	0.348391	-2.87033	0.00852643	0.202228	-4.94491	0.00437939	0.16332	-6.12296	0.711644	0.837953	-1.19338
cg17282466	LOC100130017	0.0407681	0.00763845	0.116951	-8.55061	0.111902	0.338484	-2.95435	0.126802	0.355789	-2.81065	0.115679	0.342982	-2.9156	0.0279104	0.196785	-5.08168
cg03458836	LOC100130017;FLJ41562	0.0364096	0.0416299	0.666829	-1.49964	0.033448	0.651353	-1.53527	0.0866338	0.721435	-1.38613	0.184151	1.27513	1.27513	0.593288	1.09747	1.09747
cg16166739	LOC100130093;JMJD4;JMJD4;LOC100130093	0.00887858	0.0328448	0.673067	-1.48574	0.215851	1.22947	1.22947	0.0214009	0.645023	-1.55033	0.463891	1.12551	1.12551	0.00683013	0.573654	-1.74321
cg23087691	LOC100130093;LOC100130093	0.00091966	0.602584	0.936842	-1.06742	0.148735	1.21208	1.21208	0.000601108	0.51825	-1.92957	0.954174	1.00716	1.00716	0.0070554	0.912868	-1.09545
cg16148053	LOC100130093;LOC100130093	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	LOC100130093;LOC100130093	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21206652	LOC100130274	3.33E-07	0.204697	0.868608	-1.15127	0.166964	0.856345	-1.16775	5.44E-05	2.20673	2.20673	3.76E-05	0.434619	-2.30087	5.14E-07	0.228889	-4.36893

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08859095	0.00363797	6.01199	6.01199	0.305142	0.61622	-1.6228	0.792484	0.88673	-1.12774	0.844768	1.09349	1.09349	4.31059	14.1918	2.9265	1
cg01555014	0.00845308	4.2656	4.2656	0.858526	0.925914	-1.08001	0.769372	1.13523	1.13523	0.64543	1.22125	1.22125	4.27527	12.6018	2.62009	1
cg16379513	0.0114489	5.10422	5.10422	0.00636996	6.22896	6.22896	0.0543136	3.08011	3.08011	0.0235369	4.02853	4.02853	5.26259	22.1205	3.7363	1
cg08843283	0.0528716	8.05692	8.05692	0.025705	12.3339	12.3339	0.0089656	23.376	23.376	0.00772707	25.6558	25.6558	4.0643	57.8803	12.6588	1
cg14605590	0.0725408	0.454573	-2.19987	0.0007046	0.131097	-7.62792	0.0531036	0.421158	-2.3744	0.182673	0.573243	-1.74446	6.18622	15.1695	2.17969	1
cg20941170	0.087014	1.35827	1.35827	0.00185635	0.488849	-2.04562	0.798776	0.959454	-1.04226	0.182153	1.25789	1.25789	4.63862	1.92868	0.36959	1
cg04561804	0.219769	1.45257	1.45257	0.178859	0.661543	-1.51162	0.781895	1.08361	1.08361	0.000284819	5.55497	5.55497	23.9451	31.7447	1.17843	1
cg09436420	0.645306	1.07291	1.07291	0.000217497	0.392003	-2.551	0.115803	0.771395	-1.29635	0.00346078	1.82702	1.82702	23.1103	8.4388	0.32458	1
cg02276793	0.0351096	1.44353	1.44353	0.481399	0.898508	-1.11296	0.173789	1.2416	1.2416	0.955521	0.991694	-1.00838	11.2882	3.99815	0.314835	1
cg23065793	0.0581425	0.673527	-1.48472	0.423118	0.859841	-1.163	0.306803	0.822612	-1.21564	0.188093	0.773036	-1.2936	8.72301	4.70625	0.479575	1
cg13888070	0.879519	1.04971	1.04971	0.227408	0.666799	-1.4997	0.296641	0.707455	-1.41352	0.0732636	1.89427	1.89427	7.27658	11.7882	1.44002	1
cg10691726	0.0977088	0.591912	-1.68944	0.00171448	0.274766	-3.63945	0.832729	0.940785	-1.06294	0.000882531	0.237283	-4.21437	6.09387	8.03928	1.17266	1
cg13245615	0.134866	1.39551	1.39551	0.00550004	0.470213	-2.1267	0.361025	0.823551	-1.21425	0.553951	0.883578	-1.13176	3.53442	2.39266	0.601741	1
cg10501828	0.000768902	1.52395	1.52395	0.00852199	1.32005	1.32005	0.000556629	1.55735	1.55735	0.000636969	1.5432	1.5432	17.1874	1.86228	0.0963126	1
cg01808879	0.571648	0.691443	-1.44625	0.0033793	0.076305	-13.1053	0.0280613	0.187338	-5.33795	0.0843847	0.2916	-3.42935	5.75215	37.9623	5.86638	1
cg24732796	3.59E-07	2.51153	2.51153	0.0528088	1.14817	1.14817	0.0012445	0.743694	-1.34464	0.500397	1.04387	1.04387	57.0125	3.55804	0.0554739	1
cg06769296	0.000200913	9.85536	9.85536	0.639841	1.18864	1.18864	0.00161405	5.24771	5.24771	0.32014	0.686124	-1.45746	15.8042	33.6561	1.89294	1
cg20761187	0.390568	1.32744	1.32744	0.195863	1.55331	1.55331	0.0433136	2.11343	2.11343	0.151569	0.609757	-1.64	5.11486	8.39739	1.45934	1
cg21599336	0.812675	0.923812	-1.08247	0.0475164	0.469232	-2.13114	0.158218	1.65463	1.65463	0.170349	0.614197	-1.62814	4.97928	8.78765	1.56875	1
cg15003194	0.110684	0.420715	-2.37691	0.0077273	0.181864	-5.49861	0.382099	0.639854	-1.56286	0.953177	0.971174	-1.02968	4.57172	17.9661	3.49318	1
cg13340335	0.289944	1.28595	1.28595	0.12812	0.686165	-1.45738	0.843031	1.04644	1.04644	0.57356	1.13908	1.13908	4.3255	3.59186	0.738126	1
cg17119170	0.0382587	0.446318	-2.24055	0.00748998	0.31458	-3.17884	0.00806949	0.319845	-3.12652	0.279284	0.685304	-1.45921	3.96231	7.08261	1.58889	1
cg03987786	0.47487	0.726094	-1.37723	0.0516775	0.377033	-2.65229	0.553163	1.30243	1.30243	0.116359	0.471628	-2.12032	3.91522	12.0297	2.73115	1
cg08651763	0.0415598	0.757894	-1.31945	0.0259367	0.732064	-1.366	0.652128	0.947873	-1.05499	0.422289	1.10153	1.10153	8.77532	1.93414	0.195918	1
cg16445399	0.0385043	0.641914	-1.55784	0.336268	1.20122	1.20122	0.0289415	1.60994	1.60994	0.216877	1.27159	1.27159	3.99061	2.16109	0.481372	1
cg08694280	0.358494	0.728888	-1.37195	0.0011255	0.200735	-4.98168	0.552323	1.22306	1.22306	0.118165	0.566547	-1.76508	3.91477	6.95456	1.57911	1
cg21010350	0.23139	1.18862	1.18862	0.361608	0.878901	-1.13779	2.58E-05	0.317286	-3.15173	0.0567418	0.743164	-1.3456	19.122	5.73808	0.266735	1
cg12920361	0.283975	1.40445	1.40445	0.025996	0.446512	-2.23958	0.0426899	0.490687	-2.03796	0.115059	0.59283	-1.68682	8.91031	13.1394	1.31078	1
cg13354695	0.677377	0.916222	-1.09144	0.385255	1.20461	1.20461	0.00875972	0.497448	-2.01026	0.101596	1.45474	1.45474	8.85629	6.13424	0.615683	1
cg20752420	0.736759	0.932994	-1.07182	0.00605973	0.478622	-2.08933	0.502515	0.869445	-1.15016	0.355639	1.21572	1.21572	8.03746	5.37976	0.594965	1
cg19453136	0.950468	0.989417	-1.0107	0.380057	1.16675	1.16675	0.477405	1.1317	1.1317	0.000533131	0.397171	-2.51781	11.1985	5.20269	0.412968	1
cg01106036	0.0499883	0.607982	-1.64479	9.67E-05	0.213607	-4.68148	0.682345	1.09594	1.09594	0.037345	0.583953	-1.71247	7.12751	5.59466	0.697724	1
cg22939345	0.0057136	0.564376	-1.77187	0.0140721	0.619741	-1.61358	0.548995	0.908724	-1.10044	0.00492987	0.555512	-1.80014	5.75551	2.27118	0.350765	1
cg22228988	0.182801	1.59781	1.59781	0.550878	1.22145	1.22145	0.254095	1.48406	1.48406	0.34662	0.72522	-1.37889	4.9019	8.53132	1.54703	1
cg26787589	0.914613	1.01485	1.01485	0.883422	0.980039	-1.02037	0.375142	0.88242	-1.13325	0.198511	0.829665	-1.20531	3.62702	1.0848	0.265856	1
cg25273451	0.172142	0.575599	-1.73732	0.00102524	0.157291	-6.35765	0.656365	0.8435	-1.18554	0.0872965	0.487982	-2.04926	7.07977	16.196	2.03346	1
cg02182476	0.647551	1.07158	1.07158	0.00165095	1.96706	1.96706	0.37274	1.14734	1.14734	0.0143574	0.635492	-1.57358	6.03795	2.15751	0.317622	1
cg04423572	0.629363	0.959283	-1.04245	0.0288228	1.24651	1.24651	0.295455	1.09718	1.09718	0.282071	0.908871	-1.10027	4.86193	0.562632	0.102864	1
cg27244524	0.0725022	0.620353	-1.61198	0.0994736	0.650366	-1.5376	0.000785341	3.35208	3.35208	0.0373817	1.77815	1.77815	13.5611	12.1925	0.799182	1
cg19036007	0.116681	1.16221	1.16221	0.996785	0.999645	-1.00036	0.000279126	0.592011	-1.68916	0.686322	0.964829	-1.03645	10.8324	1.33428	0.109488	1
cg01656770	0.00146348	0.616723	-1.62147	0.0309254	0.76601	-1.30547	0.0715757	0.809238	-1.23573	0.235952	1.13957	1.13957	4.82812	0.846265	0.155803	1
cg05359028	0.990506	1.00173	1.00173	0.0512072	0.724912	-1.37948	0.794094	1.03863	1.03863	0.879393	1.02225	1.02225	4.62429	1.53762	0.295564	1
cg22935551	6.48E-05	0.157966	-6.33047	0.566697	0.864472	-1.15678	0.192887	0.707128	-1.41417	0.640841	0.888557	-1.12542	10.7769	10.7942	0.890315	1
cg22703124	0.0173046	0.454204	-2.20165	0.000957966	0.262033	-3.81632	0.339864	0.765075	-1.30706	0.109725	0.622096	-1.60747	10.1056	11.8608	1.04328	1
cg16663025	0.208691	0.741529	-1.34856	0.0810747	1.54716	1.54716	0.401218	1.21394	1.21394	0.429978	0.833786	-1.19935	3.4804	2.80644	0.716762	1
cg04253799	0.0627803	0.516105	-1.93759	0.0118943	0.370894	-2.69619	0.22245	0.666931	-1.4994	0.459255	1.2688	1.2688	6.51844	10.3044	1.40516	1
cg06038409	0.240142	1.15931	1.15931	0.00137898	0.572564	-1.74653	0.181158	1.18606	1.18606	0.3893	1.11187	1.11187	5.29182	1.07629	0.203387	1
cg06344054	0.0615342	0.725741	-1.3779	0.00144362	0.496156	-2.0155	0.0110896	0.615853	-1.62377	3.97E-06	0.195539	-5.11407	49.6245	18.2076	0.326139	1
cg16392797	0.00386705	0.575293	-1.73825	0.10482	1.28638	1.28638	0.401015	1.12989	1.12989	0.000558404	0.467433	-2.13934	31.1376	9.95326	0.284137	1
cg07875082	0.890967	1.05179	1.05179	0.000538331	0.137823	-7.25568	0.841861	0.9291	-1.07631	0.0128534	0.320684	-3.11834	5.72668	12.2917	1.9079	1
cg16359034	0.188079	0.379387	-2.63583	0.0127727	0.116544	-8.58042	0.00693524	0.0882418	-11.3325	0.011604	0.11163	-8.95818	4.85075	37.0934	6.79727	1
cg10575367	0.143498	1.336	1.336	5.59E-05	3.97754	3.97754	0.12324	0.73514	-1.36029	0.00881259	0.540868	-1.84888	14.63	7.86866	0.478084	1
cg16792312	0.0121078	2.18338	2.18338	0.000987034	3.39523	3.39523	0.107138	1.55126	1.55126	0.585503	0.871551	-1.14738	12.0004	11.8452	0.877394	1
cg27663249	0.199534	1.32915	1.32915	0.685999	0.918214	-1.08907	0.22891	0.767151	-1.30352	0.000140292	0.25156	-3.97519	7.80939	5.45083	0.62043	1
cg06736444	0.448857	1.34143	1.34143	0.546971	1.2611	1.2611	0.620678	1.20909	1.20909	0.0784786	2.10408	2.10408	5.13506	11.7807	2.03926	1
cg04484916	0.0546245	2.30986	2.30986	0.00280749	4.85987	4.85987	0.0608449	2.25118	2.25118	0.242308	0.625055	-1.59986	4.28887	10.0165	2.07597	1
cg03507326	0.107258	2.71075	2.71075	0.359222	1.707	1.707	0.940866	1.04298	1.04298	0.228903	2.04672	2.04672	4.14074	21.1007	4.52967	1
cg24997896	0.0346005	0.765553	-1.30624	0.00018922	0.505338	-1.97887	0.919277	0.989068	-1.01105	0.24765	1.14003	1.14003	5.95149	1.10822	0.165518	1
cg13448753	0.0409723	0.631266	-1.58412	0.0453061	0.639002	-1.56494	0.169287	0.751572	-1.33055	0.556771	1.1229	1.1229	5.5713	3.35633	0.535495	1
cg03427299	0.126573	0.795983	-1.25631	0.267155	0.852477	-1.17305	0.0835516	1.30271	1.30271	0.00581227	1.64667	1.64667	4.60946	1.39165	0.268367	1
cg16541931	0.796033	1.0333	1.0333	0.00187071	0.572391	-1.74706	0.171125	1.20238	1.20238	0.856666	1.02313	1.02313	3.86132	0.978199	0.225185	1
cg19044256	0.00878256	2.04991	2.04991	0.053768	1.60164	1.60164	0.0141141	0.521243	-1.91849	0.562924	0.881791	-1.13406	4.75569	3.48444	0.651277	1
cg21364231	0.00235956	1.99708	1.99708	0.263553	0.826921	-1.2093	0.0318575	1.50703	1.50703	0.0134345	1.64725	1.64725	6.5371	2.75276	0.37431	1
cg02777535	0.389252	0.826312	-1.2102	0.000585024	0.316889	-3.15568	0.518843	1.1519	1.1519	0.51923	1.15175	1.15175	5.33117	3.94761	0.658202	1
cg05793193	0.0423064	0.733572	-1.36319	0.0504385	0.744258	-1.34362	0.42695	1.11344	1.11344	0.765371	0.961128	-1.04044	3.76325	1.04595	0.247056	1
cg03684273	0.260235	0.768634	-1.30101	0.0264321	0.554459	-1.80356	0.588391	1.13024	1.13024	0.0474544	1.66212	1.66212	3.53157	2.80839	0.706865	1
cg01705575	0.906335	0.972388	-1.0284	0.504228	0.85111	-1.17494	0.473727	1.18925	1.18925	0.318411	1.27801	1.27801	3.41642	3.06175	0.796609	1
cg01906170	0.00607797	0.500897	-1.99642	0.362653	1.1979	1.1979	0.0698971	1.47869	1.47869	0.0882386	1.43769	1.43769	4.5157	2.66384	0.524362	1
cg15218995	0.0673976	0.776198	-1.28833	5.33E-06	0.279456	-3.57838	0.00341328	0.611492	-1.63534	0.000440105	0.503457	-1.98627	27.5288	6.66238	0.215125	1
cg03723148	0.00395166	0.40435	-2.4731	0.00512298	0.421572	-2.37207	0.0152155	0.498424	-2.00632	0.0678161	0.620146	-1.61252	7.66146	6.61991	0.768047	1
cg27589368	0.745405	0.950945	-1.05159	0.000694864	2.22313	2.22313	0.634761	0.928783	-1.07668	0.183449	0.804215	-1.24345	7.21098	2.72201	0.33554	1
cg17612147	0.288605	0.682724	-1.46472	0.00799244	0.307969	-3.24708	0.026897	0.403302	-2.47953	0.024358	0.394709	-2.53351	4.78774	9.10153	1.68979	1
cg20995065	0.927872	1.02617	1.02617	0.885547	1.04195	1.04195	0.0849905	0.580783	-1.72181	0.0961558	0.593776	-1.68414	3.83905	4.94893	1.14587	1
cg15679139	0.191923	0.626012	-1.59741	0.625273	0.846287	-1.18163	0.0703953	0.503721	-1.98522	0.0968146	0.538993	-1.85531	3.51904	6.40785	1.61858	1
cg14243010	0.191078	0.634621	-1.57574	0.0165169	0.382106	-2.61708	0.775136	1.09865	1.09865	0.105346	0.559204	-1.78826	3.80881	6.50918	1.51909	1
cg26354750	0.701096	0.819396	-1.22041	0.00914853	0.18092	-5.52732	0.0785261	0.364501	-2.74348	0.033961	0.278461	-3.59116	4.18102	17.6624	3.75504	1
cg21243459	0.237057	0.756525	-1.32183	0.000947807	0.329555	-3.0344	0.172067	1.38737	1.38737	0.322232	0.794276	-1.25901	10.4859	8.4255	0.714227	1
cg13912573	0.022491	0.318937	-3.13542	0.0196163	0.307638	-3.25057	0.00204877	0.162603	-6.14995	0.346797	0.666949	-1.49936	7.31352	20.2464	2.46076	1
cg14624784	0.855858	1.03435	1.03435	0.346187	0.835133	-1.19741	0.101095	0.71645	-1.39577	0.279228	0.811453	-1.23236	6.92692	3.78385	0.485558	1
cg13466725	0.04356	0.255754	-3.91001	0.0195821	0.190646	-5.24532	0.00125164	0.0627127	-15.9457	0.0317267	0.227774	-4.39033	6.00458	32.8309	4.86012	1
cg13922800	0.282248	0.513358	-1.94796	0.0186446	0.182368	-5.4834	0.0241665	0.20107	-4.97338	0.533372	0.686296	-1.4571	3.87192	21.836	5.01296	1
cg24257776	0.0170437	1.57209	1.57209	0.0544825	0.712247	-1.40401	0.738021	1.0536	1.0536	0.778897	1.04475	1.04475	5.48026	2.09958	0.340548	1
cg19207090	0.233386	0.559238	-1.78815	0.0336973	0.31546	-3.16997	0.361567	1.54689	1.54689	0.112916	0.448167	-2.23131	3.87126	13.2659	3.04601	1
cg09449070	0.888693	0.986584	-1.0136	0.111474	1.18199	1.18199	0.00725536	0.716006	-1.39664	0.0964275	0.83858	-1.19249	9.36778	1.38014	0.130958	1
cg07474312	0.000319693	0.416911	-2.39859	0.00187405	0.515648	-1.93931	0.116759	0.774192	-1.29167	0.823202	1.03418	1.03418	13.4494	4.80439	0.31753	1
cg11669283	0.0157648	0.487558	-2.05104	0.00157742	0.332234	-3.00993	0.24515	0.744395	-1.34337	0.0283946	0.533556	-1.87422	7.2596	6.77872	0.830008	1
cg26462488	0.230791	0.761085	-1.31391	0.0085066	0.482225	-2.07372	0.174698	1.36824	1.36824	0.0336161	0.583334	-1.71428	7.91815	5.9149	0.664005	1
cg05508315	0.00365426	0.30267	-3.30393	0.0291927	0.457828	-2.18423	0.797381	0.924765	-1.08136	0.0406644	0.487478	-2.05137	6.36945	9.32358	1.30115	1
cg09150647	0.024545	0.383439	-2.60797	0.0200519	0.36636	-2.72956	0.669423	0.857524	-1.16615	0.0216805	0.372878	-2.68184	6.33303	12.8471	1.80319	1
cg22707878	0.60016	0.869489	-1.1501	0.0120997	0.437282	-2.28686	0.254874	0.730276	-1.36935	0.0926694	0.613089	-1.63108	4.73834	5.24672	0.984258	1
cg05502766	0.0266128	1.77901	1.77901	0.116847	1.45279	1.45279	0.549321	1.14204	1.14204	0.0520993	0.616077	-1.62317	3.68173	2.80237	0.676583	1
cg05812035	0.0177579	1.47458	1.47458	0.374127	1.13078	1.13078	0.806105	1.03369	1.03369	0.201661	0.833891	-1.1992	5.89808	1.69556	0.255534	1
cg09276655	0.00486037	0.479669	-2.08477	0.00956148	1.90719	1.90719	0.0349542	1.62177	1.62177	0.0400968	0.627056	-1.59475	5.69338	3.49055	0.544968	1
cg05304979	0.451863	1.32467	1.32467	0.000403985	7.86991	7.86991	0.021099	2.76605	2.76605	0.996212	0.99826	-1.00174	5.62647	11.9909	1.89435	1
cg07102001	0.00624841	0.32022	-3.12286	0.855384	0.943369	-1.06003	0.254426	0.683681	-1.46267	0.00977358	0.352043	-2.84056	5.07281	8.20373	1.43751	1
cg03538922	0.275979	1.27127	1.27127	0.0156235	1.87351	1.87351	0.833268	0.956334	-1.04566	0.453264	1.17565	1.17565	3.65564	2.5972	0.631524	1
cg00270654	0.645866	0.916407	-1.09122	0.0133458	1.783	1.783	0.769225	0.946006	-1.05708	0.324701	0.825406	-1.21153	3.62479	2.0435	0.501118	1
cg00348621	0.825824	0.905057	-1.1049	0.000631443	0.0927902	-10.777	0.617995	1.25554	1.25554	0.898634	0.943947	-1.05938	6.1715	20.025	2.88423	1
cg00598143	0.0277424	0.64395	-1.55291	0.0012378	0.44989	-2.22277	0.0257329	0.638842	-1.56533	0.841421	1.03447	1.03447	5.45515	2.47264	0.402905	1
cg04122568	0.750233	1.06706	1.06706	0.858933	1.03682	1.03682	0.00102102	2.69064	2.69064	0.500669	1.14904	1.14904	4.89113	3.19977	0.581509	1
cg26124717	0.665045	1.04403	1.04403	0.136064	0.853099	-1.1722	0.701589	1.03882	1.03882	0.00950942	1.38395	1.38395	4.53683	0.70301	0.137739	1
cg16678219	0.644457	0.927295	-1.07841	0.0250349	0.648521	-1.54197	0.0185027	1.59046	1.59046	0.979414	1.0042	1.0042	3.39944	1.42061	0.371464	1
cg14455465	0.00817854	0.481269	-2.07784	5.91E-06	0.111013	-9.00791	0.984223	0.995736	-1.00428	0.0435446	1.65127	1.65127	17.2152	12.7323	0.657423	1
cg04160046	0.107772	0.367466	-2.72134	0.000996357	0.061489	-16.2631	0.0176495	0.192705	-5.18928	0.296255	0.539131	-1.85484	4.59604	23.686	4.58094	1
cg23675441	0.016996	0.223589	-4.4725	0.125117	0.425554	-2.34988	0.671109	1.24586	1.24586	0.00216931	0.1092	-9.15751	7.52439	31.5655	3.72897	1
cg12447329	0.00659617	0.487197	-2.05256	0.764427	1.06318	1.06318	0.543105	0.882066	-1.1337	0.229288	0.773227	-1.29328	7.3997	4.87066	0.585088	1
cg15693944	0.773321	1.08779	1.08779	0.72682	1.1076	1.1076	0.0460128	0.513632	-1.94692	0.0268135	0.465687	-2.14737	4.55923	6.12989	1.19511	1
cg25042383	0.697017	0.892743	-1.12014	0.548222	0.838469	-1.19265	0.000192921	0.16201	-6.17244	0.0109414	0.396119	-2.52449	10.8165	14.4042	1.18372	1
cg06907930	0.0741105	0.738373	-1.35433	0.181178	1.24152	1.24152	0.347739	0.863005	-1.15874	0.534532	0.908592	-1.1006	3.6627	1.34719	0.326946	1
cg06174989	0.000373579	4.94311	4.94311	0.000141187	6.32351	6.32351	0.00478617	2.86182	2.86182	0.118667	1.60902	1.60902	12.3047	15.3659	1.11003	1
cg06981439	0.396049	0.746009	-1.34047	0.106612	0.55212	-1.8112	0.0120112	2.87565	2.87565	0.00298777	3.94761	3.94761	11.8319	21.299	1.60012	1
cg10319943	0.237039	1.34757	1.34757	0.000324147	4.05464	4.05464	0.00267285	0.367932	-2.71789	0.0971956	1.5501	1.5501	10.5627	9.70011	0.816302	1
cg01898661	0.401283	0.613954	-1.62879	0.188655	0.453439	-2.20537	0.0047868	8.38354	8.38354	0.81643	1.14116	1.14116	5.84006	29.8251	4.53954	1
cg09012633	0.745486	1.09123	1.09123	0.262131	0.730941	-1.3681	0.134134	1.5419	1.5419	0.0171461	2.17857	2.17857	5.54477	6.30964	1.01151	1
cg00782645	0.404682	0.810541	-1.23374	0.0054172	2.46379	2.46379	0.397005	0.807616	-1.23821	0.561641	1.15555	1.15555	4.04003	3.88354	0.854458	1
cg05301368	0.910294	1.01606	1.01606	0.014658	1.52945	1.52945	0.723268	1.05156	1.05156	0.000433128	0.455252	-2.19659	36.7515	11.6381	0.281484	1
cg04881642	0.781251	0.925303	-1.08073	0.274063	1.37356	1.37356	0.522364	1.1982	1.1982	0.00272088	0.315235	-3.17224	15.0308	18.5149	1.09493	1
cg15646359	0.15973	0.755433	-1.32374	6.11E-05	3.98025	3.98025	0.000523897	2.74335	2.74335	0.544346	0.891766	-1.12137	12.4343	6.86325	0.490633	1
cg00250123	0.1659	0.724821	-1.37965	0.0293411	0.571754	-1.74901	0.0947815	1.49172	1.49172	0.0153092	0.522849	-1.9126	12.3899	9.30945	0.667886	1
cg26342535	0.984133	1.01013	1.01013	0.000261156	0.0477573	-20.9392	0.0627552	0.346152	-2.8889	0.0175873	0.231397	-4.32157	12.2879	49.9568	3.61379	1
cg09816756	0.0126853	0.339594	-2.94469	0.361486	0.721064	-1.38684	0.60122	1.20183	1.20183	0.0243716	0.392457	-2.54805	10.7289	20.653	1.7111	1
cg05649126	0.658656	0.809211	-1.23577	0.607294	1.27998	1.27998	0.708274	1.19599	1.19599	0.0160878	0.245971	-4.06552	7.76416	27.8804	3.19192	1
cg17282466	0.0573485	0.260461	-3.83935	0.00644643	0.108953	-9.17827	0.248997	0.470484	-2.12547	0.0564401	0.258849	-3.86326	3.65739	22.6813	5.51245	1
cg03458836	0.498156	1.12597	1.12597	0.0133261	1.69718	1.69718	0.196982	0.790318	-1.26531	0.696729	0.934662	-1.06991	3.81213	1.79698	0.41901	1
cg16166739	0.00175868	0.49317	-2.0277	0.100513	1.33021	1.33021	0.867507	1.02683	1.02683	0.900242	0.980306	-1.02009	6.13876	2.44558	0.354118	1
cg23087691	0.0195249	0.704309	-1.41983	3.00E-05	0.362587	-2.75796	0.22356	0.853157	-1.17212	0.785923	1.03439	1.03439	[illegible]	2.94325	0.217134	1
cg16148053	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21206652	0.0362941	1.29202	1.29202	3.34E-08	0.123328	-8.10848	4.96E-05	2.22978	2.22978	0.0118144	0.718275	-1.39222	96.9881	17.018	0.155969	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5638 vs. N)	Fold-Change(563T vs. N)	F(Error
ILMN_1651874	LOC101060274	7.01E-05	0.58589	1.13467	1.12467	1.13445	0.812117	-1.23135	0.000337074	0.291038	-3.43038	0.4740396	1.19971	1.1E-06	0.078098	12.80344	0.672925	0.913311	-1.09492	0.8630308	1.13502	1.03602	0.1142721	0.6928895	-1.43122	0.000175256	0.256025	-3.90587	24.3438	17.5853	0.6421111	1
cg22932482	LOC101030274	0.000573657	0.654099	1.861735	-1.15406	1.156501	0.606486	-1.64884	0.00273783	0.255555	-3.91305	0.109826	1.77731	1.77731	0.000256518	0.137243	-7.28633	0.001237	0.210562	-4.74919	0.000142434	0.114835	-8.78016	0.329353	0.717389	-1.39394	0.001585227	0.224006	4.46416	13.7549	23.7147	1.53252	1
cg21429107	LOC101030274	0.00107781	0.394423	1.22164	1.22164	0.00228881	2.66077	2.66077	0.0268871	0.547934	-1.82504	0.31867	1.26685	1.26685	0.749392	1.07633	1.07633	0.0521885	0.602385	-1.66007	0.000139088	0.22042	-4.53678	0.0167434	0.5116619	-1.95458	0.00964262	0.4714912	-2.12093	11.5188	9.60917	0.741538	1
cg21246242	LOC101030274	0.002253123	0.006838579	0.546237	-1.83075	0.005153355	0.528529	-1.89201	0.13426	1.32147	1.32147	0.428187	0.8606685	-1.14984	0.001848514	0.46225	-2.14477	0.00990395	0.569805	-1.75499	0.000441223	0.3799505	-2.63224	0.874374	1.02769	1.02769	0.17251	0.778315	1.284843	8.99909	4.24669	0.419469	1
cg09754549	LOC101030274	0.0121386	0.164895	0.622545	-1.60631	0.00133648	0.22499	-4.44464	0.68679	0.878385	-1.13845	0.95343	1.01886	1.01886	0.0361594	0.458682	-2.18016	0.0321867	0.448169	-2.2313	0.00210 52	0.250701	-3.98881	0.0263202	0.430502	-2.32287	0.521778	0.812444	-1.23085	5.55276	8.99951	1.44065	1
cg11205981	LOC101030274	0.00147082	0.0112406	2.88681	2.88681	0.970559	1.0124	1.0124	0.0158392	2.62187	2.68187	0.0674164	1.981388	1.981388	0.13918	2.587847	-1.70212	0.0334014	0.436156	-2.29276	0.225899	1.52889	1.52889	0.0461985	0.466024	-2.14351	0.2690667	0.680089	-1.46845	5.21444	9.201653	1.56857	1
cg25224760	LOC101030274	0.023398	0.150741	1.53735	1.53735	0.2370197	0.707588	-1.41325	0.644821	1.1384	1.1384	0.242918	1.40669	1.40669	0.97931	1.00727	1.00727	0.143054	0.644342	-1.55197	0.000681624	0.2340703	-4.2607	0.8536777	1.05291	1.05291	0.5739372	0.853309	-1.17191	4.45839	5.50638	1.09783	1
cg01262208	LOC101030274	0.00891262	0.57834	3.79324	3.79324	0.00970066	3.69819	3.69819	0.665148	0.8402457	-1.15012	0.815714	1.08678	1.08678	0.072594	0.449024	-2.22705	0.4962666	1.31801	1.31801	0.0766152	0.195151	2.19515	0.1843273	1.74585	1.74585	0.983674	0.991854	-1.00821	3.73126	9.44122	2.24916	1
cg06780463	LOC101030331	6.19E-06	0.00518086	0.7636096	1.309432	8.44E-06	2.031	2.031	0.202659	1.10324	1.10324	0.4163716	0.806599	-1.23977	6.49E-07	0.370553	-2.69867	0.592046	0.961255	-1.04031	0.4344407	1.05999	1.05999	0.0395312	0.840355	-1.18997	4.34E-05	0.567233	-1.76294	45.93	3.88183	0.07512 56	1
cg07902387	LOC101030331	0.00055167	0.0904434	0.702303	-1.42389	0.000395857	0.343483	-2.91135	0.00446702	0.487591	-2.0509	0.0396807	0.637263	-1.56921	0.136965	0.738261	-1.35453	4.68E-05	0.233496	-4.28273	0.000315601	0.3310088	-3.02108	0.0325555	0.622567	-1.60625	0.00187727	0.433807	-2.30517	13.9054	7.90231	0.505148	1
cg03959126	LOC101030331	0.00110973	0.7885	1.33467	1.33467	0.2898911	1.1264	1.1264	0.39525	1.657905	1.04494	1.04494	0.1936467	1.04494	0.0277248	1.17289	0.4298	0.4756492	0.837293	-1.19433	0.2628796	1.13715	1.13715	0.1635795	1.14396	-1.43986	0.0209108	0.505733	-1.97753	11.4226	10.8866	0.8347104	1
cg17028105	LOC101030331	0.00202652	0.144687	2.14523	2.14523	0.06615203	5.70472	5.70472	0.123511	2.2542	2.2542	0.010804	4.758364	4.758364	0.940966	0.964566	-1.03674	0.0394403	0.39218	3.19218	0.000413388	16.6071	16.6071	0.000168452	22.626	22.626	0.0906412	2.47996	2.47996	0.64095	36.1079	3.3416	1
cg11984651	LOC101030331	0.003441	0.0360458	0.4547129	-2.19549	0.00266449	0.251156	-3.98222	0.000268584	0.172942	-5.7823	0.763128	0.90447	-1.10562	0.000560992	0.169167	-5.91202	0.667799	0.84209	-1.18752	0.884432	1.04955	1.04955	0.5846653	0.832468	-1.20125	0.02820973	0.423102	2.363469	8.21548	14.3583	1.553952	1
cg15028479	LOC101030331	0.00782342	0.159461	1.17523	1.17523	0.000244553	1.9175	1.9175	0.5014 08	0.929356	-1.07601	0.0358058	1.29993	1.29993	0.147744	1.18151	1.18151	0.365361	1.10504	1.10504	0.0444054	1.50419	1.50419	0.7658888	1.03259	1.03259	0.672502	1.04672	1.04672	6.38883	1.16702	0.16237	1
cg03982998	LOC101030331	0.0161083	0.4583137	1.14069	1.14069	0.2221122	1.7095269	-1.25064	0.00299383	0.491807	-2.03332	0.798984	1.04548	1.04548	0.444214	0.808833	-1.23635	0.329814	0.893215	-1.11959	0.00103231	0.428538	-2.33352	0.341246	0.842873	-1.18642	0.0688526	0.701234	-1.42606	0.05962	2.434662	0.42772	1
cg19646227	LOC101030331	0.0234285	0.124704	1.28454	1.28454	0.00888403	2.11716	2.11716	0.636837	1.07427	1.07427	0.439469	0.888	1.12613	-1.13013	0.587079	1.08612	1.08612	0.0356218	1.46549	0.0492524	1.40231	1.40231	0.455116	0.889174	-1.12144	0.2016551	1.225523	1.225523	4.56108	1.61801	0.319503	1
cg17541990	LOC101030331;ZP4	0.0434004	0.0606437	0.149361	-6.69521	0.8486115	1.18742	1.18742	0.2811 61	0.365346	-2.73713	0.1018 25	0.199005	-5.00238	0.01152237	0.0583942	-17.125	0.0451437	0.126667	-7.89469	0.00858395	0.0491197	-20.3584	0.0648863	0.1551 16	-6.44677	0.0407924	0.119698	-8.35434	5.5735	45.7339	11.3761	1
cg21468737	LOC101030331;ZP4	0.0489315	0.37445	0.719726	-1.4691	0.0683359	0.47007	-2.12762	0.0123482	0.315861	-3.16595	0.712086	0.871854	-1.14698	0.111186	0.526271	-1.90016	0.229427	0.620883	-1.61061	0.139095	1.80028	1.80028	0.0184247	0.411054	-2.43277	0.0215015	0.359997	-2.7778	5.41603	7.40433	1.02669	1
cg16737533	LOC101030522;LOC100130522	0.000243914	0.17705	1.585241	-1.7087	6.55E-06	0.02359 58	-4.38205	0.00800241	0.281376	-1.55396	0.453514	1.329	1.329	0.300349	1.4929	1.4929	0.0320203	0.391417	-2.55482	0.0224223	2.77679	2.77679	0.00186171	0.19234	-5.19312	0.0996452	0.509768	-1.96168	17.4065	38.4335	1.96267	1
cg18687533	LOC101030522;LOC100130522	0.00151121	0.006318 96	0.336244	-2.97403	0.00155519	0.248039	-4.03162	0.8697 25	0.560279	-1.78482	0.184892	1.53876	1.53876	0.134111	1.64075	1.64075	0.00761995	0.349376	-2.86225	0.00504255	3.11657	3.11657	0.00235147	0.272289	-3.67257	0.0811521	0.552876	-1.80872	10.4571	15.5578	1.32247	1
cg13704680	LOC101030522;LOC100130522	0.00232287	0.0724231	0.5729	0.5729	0.00645516	0.424025	-2.35868	0.0472 31	0.44897	-2.44559	0.349135	1.90349	1.90349	0.120772	0.70626	-1.41599	0.0806703	0.274231	-3.64655	0.0183277	2.77296	2.77296	0.0090537	0.311031	-3.21575	0.1663955	0.402676	-2.48287	6.93993	59.124	6.27888	1
cg09092953	LOC101030522;LOC100130522	0.00417265	0.0268435	0.20395	-4.85554	0.00194096	0.071276	-14.0395	0.0023 8	0.0284	-4.07439	0.114924	2.80933	2.80933	0.108512	2.87171	2.87171	0.0597226	0.27796	-3.59764	0.0140873	6.20931	6.20931	0.0121361	0.151998	-6.57902	0.0895834	0.323755	-3.08875	7.52299	44.5842	5.11163	1
cg18973836	LOC101030522;LOC100130522	0.00344419	0.0087490 1	0.152636	-6.55133	0.0126449	0.133253	-7.50315	0.0011 889	0.173452	-5.76998	0.0041828	1.63076	1.63076	0.0884442	0.97479	-1.02587	0.0219846	0.160045	-6.24691	0.0044307	2.21303	2.21303	0.0073651	0.643829	-1.55321	0.2574745	0.124163	-8.05411	3.04432	3.94222	1.29597	1
cg20193138	LOC101030522;LOC100130522	0.00535162	0.131438	0.497776	-2.00894	0.00166874	0.145721	-6.86243	0.034115	0.346722	-2.88417	0.103513	2.34616	2.34616	0.853772	1.08224	1.08224	0.0360901	0.351964	2.8412	0.0126993	3.76879	3.76879	0.00913573	0.2420 72	-4.13101	0.134296	0.500731	-1.99708	7.18761	20.8901	2.58347	1
cg02516669	LOC101030522;LOC100130522	0.00545915	0.0436738	0.258033	-3.862	0.0054118	0.011581	-8.43877	0.0878276	0.331634	-2.99729	0.353763	1.7435	1.7435	0.185398	2.26649	2.26649	0.0498617	0.271648	-3.68123	0.0047063	8.92116	8.92116	0.0133542	0.168763	-5.92547	0.0399653	0.274253	-3.98814	7.14388	38.4091	4.77912	1
cg16244155	LOC101030522;LOC100130522	0.008074	0.2399882	0.1	-9.98647	0.0013711	0.0968365	-10.2838	0.0047417	0.3604991	-2.7368	0.2588398	1.80933	1.80933	0.0488483	2.11613	2.11613	0.0115643	0.58709	-1.70318	0.2940401	1.13625	1.13625	0.3085936	0.882425	-1.13325	0.5579	0.707756	-1.41325	-2.40362	6.32579	0.81208	0.128503	1
cg12061113	LOC101030522;LOC100130522	0.0101047	0.194729	0.422017	-2.36957	0.00415423	0.0892453	-11.2051	0.0589093	0.26141	-3.8254	0.085121	3.3111	3.3111	0.305371	1.9494	1.9494	0.0382988	0.220938	4.52616	0.0261109	5.26018	5.26018	0.0184204	0.164806	-6.06772	0.0221656	0.428711	-2.33257	5.89096	36.9062	5.56878	1
cg13287964	LOC101030522;LOC100130522	0.0125451	0.205057	0.45463	-2.2598	0.00225156	0.0814478	-12.477	0.0113 63	0.188675	-5.31387	0.0	2.49578	2.49578	0.346577	1.78655	1.78655	0.137107	0.38054	-2.62806	0.0215327	4.95625	4.95625	0.0081984	0.141054	-7.08935	0.0148606	0.241455	-4.72176	7.01928	44.4449	6.34115	1
cg19774868	LOC101030522;LOC100130522	0.016226	0.0461995	0.247582	-4.03906	0.00518929	0.104895	-9.53335	0.0606244	0.274484	-3.6432	0.299185	1.93019	1.93019	0.127782	2.73554	2.73554	0.113843	0.34946	-2.86156	0.0424673	3.60197	3.60197	0.0199652	0.234326	-4.26756	0.124187	0.361502	-2.76624	5.03747	29.86	5.25862	1
cg02694925	LOC101030522;LOC100130522	0.0221369	0.0221128	0.268396	-3.72584	0.175507	0.501316	-1.99475	0.191872	0.515707	-1.93909	0.777581	0.873066	-1.14539	0.000928874	0.0935003	-10.6952	0.0715497	0.381166	-2.62353	0.359419	0.63656	-1.57095	0.0157066	0.241905	-4.13386	0.0584105	0.358777	-2.78724	4.54426	16.536	3.23457	1
cg02934425	LOC101030521;LOC100130522;PARD6G	0.0464942	0.09575 35	0.51693	-1.9345	0.192487	0.608075	-1.64453	0.1030766	0.52647	-1.89944	0.241452	0.642629	-1.55611	0.01252 72	0.326248	-3.06515	0.0112589	0.318234	-3.14245	0.0610817	0.275087	-3.63621	0.5203 53	0.173794	0.593422	-1.68514	3.45257	7.17335	1.83092	1
cg07169660	LOC101030581;LOC100130581	5.67E-05	0.0070555	0.5	-2.00001	0.0019034	0.0126361	-7.91671	0.0049	0.0004861	-2.05979	0.0	-1.64984	-1.64984	0.0	-2.05979	-1.57388	0.0029998	0.142718	-7.00352	0.0002	0.0	-12.5081	5.36E-05	0.0	-2.08197	71	-12.1985	0.00210582	0.239816	-4.18557	25.7542	44.709	1.54282	1
cg21506159	LOC101030581;LOC100130581	0.00026231	0.00213679	0.550695	-1.81589	0.00114632	0.193689	1.93689	0.0154967	1.50777	1.50777	0.0375461	1.39611	1.39611	6.06E-05	0.359038	2.78522	0.010832	0.642404	-1.55665	0.0157738	0.741041	-1.34945	0.11222	1.27017	1.27017	0.205595	1.20281	1.20281	17.0648	5.16859	0.269226	1
cg13153808	LOC101030581;LOC100130581	0.000434542	0.304524	1.34604	1.34604	0.00023798	0.182404	-5.48235	0.055822	0.5458	-1.83227	0.0352143	0.503841	-1.98475	3.95E-05	0.111114	-8.9998	0.0108383	0.291882	-3.42604	0.00700857	0.3774 12	-2.64963	0.0949279	1.67006	1.67006	0.135988	0.638275	-1.56672	14.8566	18.3766	1.09945	1
cg25044794	LOC101030581;LOC100130581	0.000478901	0.00978901	0.316426	-3.16133	0.0013333	0.0183253	-13.2001	0.0013 889	0.173452	-5.76998	0.0041828	1.63076	1.63076	0.0884442	0.97479	-1.02587	0.0219846	0.160045	-6.24691	0.0044307	2.21303	2.21303	0.0073651	0.643829	-1.55321	0.2574745	0.124163	-8.05411	3.04432	3.94222	1.29597	1
cg26532693	LOC101030581;LOC100130581	0.00462284	0.99725	0.999631	-1.00037	0.03900 82	1.29116	1.29116	0.00289539	1.5496	1.5496	0.940323	0.992024	-1.00804	0.0666707	1.24598	1.24598	0.3446667	1.10972	1.10972	0.00879963	0.699914	-1.42875	0.00665448	0.686171	-1.45736	0.0217816	1.34246	1.34246	7.51601	1.36169	0.161042	1
cg04780393	LOC101030581;LOC100130581	0.0018574	0.5185264	1.1	1.1	0.8666466	1.1683	1.1683	0.6662 6	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg08111682	LOC101030581;LOC100130581	0.0105845	0.0316016	0.567555	-1.76194	0.0319831	0.15898	-3.75898	0.0769586	0.64275	-1.55581	0.9746	1.00718	1.00718	0.0014804	0.31045	-3.22041	0.0453083	0.18741	-1.18741	0.0058148	0.3402533	-3.30542	0.68478	0.09606	1.09606	0.2602025	0.76794	1.30218	0.83098	1.64275	0.711044	1
cg02884280	LOC101030581;LOC100130581	0.0146782	0.161231	0.786771	-1.27102	0.220151	1.22947	1.22947	0.082316	1.36136	1.36136	0.0393433	1.46535	1.46535	0.0153101	0.620534	-1.61152	0.0279688	0.65956	-1.51616	0.0777247	1.36921	1.36921	0.0297643	1.50674	1.50674	0.253093	1.21085	1.21085	5.21794	2.12301	0.36166	1
cg19108202	LOC101030581;LOC100130581	0.0158039	0.2	0.5	-2	0.1666466	1.5	1.5	0.1340 718	0.166158	1.5	0.0415	1.24547	1.24547	0.0	1.24547	0.24071	0.144071	0.24015	0.0105759	0.0215	0.3	0.3	0.0105759	0.0215	0.3	0.0105759	0.0215	0.3	0.0105759	0.0215	0.3	0.0105759	0.0215	1
cg08111682	LOC101030581;LOC100130581	0.0105845	0.0316016	0.567555	-1.76194	0.0319831	0.15898	-3.75898	0.0769586	0.64275	-1.55581	0.9746	1.00718	1.00718	0.0014804	0.31045	-3.22041	0.0453083	0.18741	-1.18741	0.0058148	0.3402533	-3.30542	0.68478	0.09606	1.09606	0.2602025	0.76794	1.30218	0.83098	1.64275	0.711044	1
cg02884280	LOC101030581;LOC100130581	0.0146782	0.161231	0.786771	-1.27102	0.220151	1.22947	1.22947	0.082316	1.36136	1.36136	0.0393433	1.46535	1.46535	0.0153101	0.620534	-1.61152	0.0279688	0.65956	-1.51616	0.0777247	1.36921	1.36921	0.0297643	1.50674	1.50674	0.253093	1.21085	1.21085	5.21794	2.12301	0.36166	1
cg19108202	LOC101030581;LOC100130581	0.0158039	0.2	0.5	-2	0.1666466	1.5	1.5	0.1340 718	0.166158	1.5	0.0415	1.24547	1.24547	0.0	1.24547	0.24071	0.144071	0.24015	0.0105759	0.0215	0.3	0.3	0.0105759	0.0215	0.3	0.0105759	0.0215	0.3	0.0105759	0.0215	0.3	0.0105759	0.0215	1
cg06012656	LOC101030581;LOC100130581	0.0269358	0.428684	1.17882	1.17882	0.0467084	0.58996	-1.58996	0.0124938	1.88282	1.88282	0.849146	0.961960	-1.03953	0.0018497	2.45963	2.45963	0.213069	1.30605	1.30605	0.272096	1.26209	1.26209	0.99117	1.00226	1.00226	0.218588	0.768369	-1.30146	2.45221	2.78756	0.583677	1
cg02961200	LOC101030581;AGPS	0.00153149	0.0596017	0.311597	-3.20923	0.0020005	0.174118	-5.74195	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0224658	0.0	0.0	0.0	0.0	-10.5901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg16421294	LOC101030691;AGPS	0.0439279	0.450866	0.836548	-1.19539	0.00332968	0.395184	-2.53047	0.908742	1.027	1.027	0.111706	1.45938	1.45938	0.768956	0.93386	-1.07082	0.8132496	0.946506	-1.05652	0.010243	0.4714767	-2.121	0.777376	0.936269	-1.06807	0.919368	0.976751	-1.0238	3.55744	3.04079	0.759794	1
cg24217894	LOC101030776;AGAP2;AGAP3	0.0116224	0.218111	1.76475	1.76475	0.110322	0.464274	-2.14466	0.0119424	0.764462	0.64462	0.126961	2.06213	2.06213	0.758385	1.14485	1.14485	0.4	0.34577	-2.89155	0.0116613	0.9638067	1.03836	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg06830450	LOC101030776;AGAP2;AGAP3	0.00549381	0.781773	1.15759	1.15759	0.3106453	1.33323	1.33323	0.3028645	1.65361	1.52794	1.52794	0.513413	1.52794	0.726048	1.37606	1.37606	0.759118	1.17597	1.17597	0.00291519	2.24792	2.24792	0.0110118	3.70006	5.17003	0.0452662	1.35497	1.35497	7.15167	1				1
cg21671248	LOC101030776;AGAP2;AGAP3	0.00549874	0.0799199	0.605747	-1.65086	0.00858511	0.421128	-2.37458	0.512847	1.18675	1.18675	0.570692	1.15932	1.15932	0.00551242	0.390165	-2.56302	0.933987	1.0216	1.0216	0.00228721	3.00467	3.00467	0.055005	0.570453	-1.75299	0.1106451	1.5659	1.5659	7.12806	7.5136	0.936967	1
cg03569634	LOC101030776;AGAP2;AGAP3	0.0143894	0.7103	1.4	1.4	0.4	1.5	1.5	0.0048 6707	5.54517	5.54517	0.0309222	1.12393	1.12393	0.0	1.12393	0.7566	0.378	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	1
cg23892392	LOC101030782:SPON2	0.00105382	0.0357979	0.69237	-1.49424	0.0061777	0.555891	-1.79891	0.25508	1.21576	1.21576	0.00284615	0.377403	-2.64969	0.183751	0.793048	-1.26096	0.625384	1.922284	-1.08426	0.00057332	4.02626	4.02626	0.086174	1.36578	1.36578	0.718278	0.16138	1.106138	11.5928	4.96339	0.380574	1
cg12156462	LOC101030782:SPON2;SPON2;SPON2	0.0214298	0.01255 07	0.738999	-1.35318	0.791862	1.0261	1.0261	0.295868	1.11137	1.11137	0.31785	0.904309	-1.10582	0.197294	0.87566	-1.142	0.317395	0.904218	-1.10593	0.00331651	1.47637	1.47637	0.365731	0.913444	-1.09476	0.0675057	0.819091	-1.22087	4.5951	0.69068	0.133607	1
cg13653809	LOC101030782:SPON2;SPON2;SPON2	0.0219708	0.272901	0.852111	-1.17356	0.0633713	0.16419	1.64619	0.422973	0.89156	-1.12163	0.109488	0.782914	-1.27728	0.5641 54	1.08935	1.08935	0.235349	1.19056	1.19056	0.0269578	1.78869	1.78869	0.0148781	1.02906	1.02906	0.843182	1.02817	1.02817	4.55652	1.41929	0.276906	1
cg12072001	LOC101030782:SPON2;SPON2;SPON2	0.0250814	0.916491	1.03867	1.03867	0.80548	0.914618	-1.09335	0.356678	1.40904	1.40904	0.0505907	0.446716	-2.23856	0.28383	0.668474	-1.49594	0.0584127	0.461381	-2.16741	0.274462	0.662798	-1.5088	0.0007376	0.156531	-6.3885	0.141427	0.564396	-1.77181	4.35231	9.01908	1.842	1
cg05821186	LOC101030782:LOC101030872:SPON2	0.000297504	0.399651	0.897887	-1.11373	0.00105807	0.546118	-1.83111	0.563104	1.07576	1.07576	0.323665	1.1358	1.1358	6.91E-06	0.288033	-3.47183	0.365335	1.12521	1.12321	0.437046	1.10411	1.10411	0.0564 77	1.30965	1.30965	0.865693	1.02137	1.02137	16.4878	4.07516	0.2197	1
cg15986469	LOC101030782:LOC101030872:SPON2	0.00175086	0.00378183	0.348368	-2.87052	0.237501	0.71607	-1.39651	0.00027127	0.199661	-5.00848	0.098232	0.526576	-1.89906	0.000565457	0.360116	-2.77688	0.868132	0.956144	-1.04587	0.00268585	0.199187	-5.0204	0.1044 11	0.040122	0.440117	-2.26748	10.0219	11.5613	1.02543	1				1
cg27414909	LOC101030782:LOC101030872:SPON2	0.00667476	0.495623	1.18479	1.18479	9.19E-05	5.53869	5.53869	0.227899	1.36368	1.36368	0.600589	1.13822	1.13822	0.171006	1.42938	1.42938	0.637939	1.12318	1.12318	0.0262774	1.90776	1.90776	0.0624508	1.6718	1.6718	0.736825	0.920664	-1.08617	6.73383	6.38645	0.845546	1
cg11372934	LOC101030782:LOC101030872:SPON2	0.01710 59	0.0457296	0.379109	-2.63777	0.449582	0.721608	-1.38579	0.0522937	0.392717	-2.54636	0.0130747	0.271563	-3.68239	0.0201226	0.305085	-3.27778	0.419438	0.705157	-1.41812	0.0123548	0.73976	0.73976	0.483036	1.35239	1.35239	0.0554748	0.398864	-2.58712	4.95917	14.084	2.52444	1
cg21987921	LOC101030782:LOC101030872:SPON2	0.0199474	0.0960353	0.490874	-2.03718	0.643701	1.1988	1.1988	0.117087	0.515447	-1.94006	0.0587987	2.29538	2.29538	0.00185131	0.179004	-5.58648	0.979643	1.00998	1.00998	0.368328	0.697876	-1.43292	0.047446	2.41758	2.41758	0.799798	1.10399	1.10399	4.70877	11.302	2.13351	1
cg09758490	LOC101030872;LOC101030873:SPON2	0.0243688	0.630605	0.90825	-1.10102	0.155324	0.739324	-1.35259	0.0303889	0.60324	-1.65772	0.195441	0.761883	-1.31254	0.000429867	0.330683	-3.02405	0.47497	0.865626	-1.15523	0.723209	0.931805	-1.07319	0.23339	0.780233	-1.28167	0.952451	0.988226	-1.01191	4.3961	2.7467	0.555382	1
cg27259323	C1:GPC1;LOC100130932;GIPC1	0.00028109	0.246004	0.762272	-1.31187	0.621739	0.894699	-1.11769	0.00616205	0.4496	-2.2242	0.0965359	0.694932	-1.50391	8.0E-05	0.203741	-4.9082	0.000913201	0.328852	-3.03166	5.35E-05	0.185426	-5.39944	0.0175461	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20659736	LOC100133315	0.00591285	0.928437	1.00849	1.00849	0.578679	1.05422	1.05422	0.0923479	0.839976	-1.19051	0.0862693	1.19531	1.19531	0.000430145	0.591907	-1.68945	0.132701	1.16499	1.16499	0.00767666	1.3806	1.3806	0.580726	1.05392	1.05392	0.885266	1.01368	1.01368	6.97056	0.978256	0.124748	1
cg12838194	LOC100133315	0.0358237	0.298664	0.849879	-1.17664	0.750539	0.952978	-1.04934	0.0595478	0.725352	-1.37864	0.122538	0.776722	-1.28746	0.00148214	0.500419	-1.99832	0.103041	0.76392	-1.30904	0.0987606	0.760836	-1.31434	0.154314	0.79434	-1.25891	0.0174081	0.645852	-1.54834	3.83466	1.38472	0.320984	1
cg12970742	LOC100133315	0.0438247	0.0667011	1.42944	1.42944	0.0774462	0.710991	-1.40649	0.0297718	0.641172	-1.55964	0.185507	1.27632	1.27632	0.0319107	0.646014	-1.54795	0.48977	0.885215	-1.12967	0.261963	0.816053	-1.22541	0.0610497	0.692908	-1.44319	0.141198	0.759582	-1.31651	3.56057	1.70303	0.425159	1
cg21996134	LOC100133331	0.0353586	0.177376	0.468353	-2.13514	0.0186526	0.221184	-4.52112	0.105463	0.392249	-2.5494	0.0660509	0.335863	-2.9774	0.0306781	0.260975	-3.83179	0.0197322	0.225392	-4.43672	0.0732672	0.347546	-2.87732	0.538014	1.39086	1.39086	0.00816544	0.166759	-5.99668	3.85288	17.0835	3.94128	1
cg07264491	LOC100133331	0.0445593	0.0310493	0.725815	-1.37776	0.515089	0.919834	-1.08715	0.0233632	0.709637	-1.40917	0.688002	0.95018	-1.05243	0.254283	0.860104	-1.16265	0.943635	1.00899	1.00899	0.0149611	1.46048	1.46048	0.0567532	0.761099	-1.31389	0.961635	0.993929	-1.00611	3.53853	0.898184	0.225626	1
cg10169449	LOC100133469	0.000398201	0.235519	0.70258	-1.42333	0.000460185	0.208957	-4.78568	0.0438168	0.517942	-1.93072	0.0180717	0.442488	-2.25995	0.000148742	0.157097	-6.36548	0.375873	1.29439	1.29439	0.00418354	2.97278	2.97278	0.00052412	0.215496	-4.64045	0.00920271	0.391076	-2.55705	15.2191	19.4325	1.13498	1
cg16251255	LOC100133469	0.00291655	0.0716015	1.65874	1.65874	0.00350704	0.369314	-2.70772	0.467979	0.830471	-1.20414	0.623722	1.13245	1.13245	0.00403748	0.378548	-2.64167	0.403621	1.23984	1.23984	0.000581202	3.81254	3.81254	0.317792	1.29661	1.29661	0.683499	0.902027	-1.10861	8.63009	8.64883	0.890819	1
cg26117778	LOC100133469	0.00646652	0.0456658	1.76651	1.76651	0.756214	0.925581	-1.0804	0.0181143	0.490314	-2.03951	0.755168	0.925262	-1.08077	0.00106668	0.300919	-3.32315	0.116211	1.52795	1.52795	0.245543	1.35204	1.35204	0.326394	0.777545	-1.2861	0.00672001	0.41777	-2.39366	6.78022	6.62186	0.868127	1
cg07040723	LOC100133469	0.00999122	0.0022015	3.20065	3.20065	0.00614526	2.63507	2.63507	0.450038	1.23197	1.23197	0.802439	0.934311	-1.07031	0.0201788	0.46796	-2.13693	0.199512	1.44395	1.44395	0.12458	0.637196	-1.56938	0.740674	0.913913	-1.0942	0.108894	1.60624	1.60624	5.91228	6.87869	1.03418	1
cg20900869	LOC100133469	0.0168287	0.322811	1.47312	1.47312	0.00598384	0.255943	-3.90712	0.01304	0.310887	-3.21661	0.35241	0.695599	-1.43761	0.564259	0.80165	-1.24743	0.0675636	0.459866	-2.17455	0.169635	1.74182	1.74182	0.755279	0.888165	-1.12592	0.00418768	0.233348	-4.28544	4.98633	11.3627	2.02558	1
cg11913137	LOC100133469	0.0207007	0.311344	1.47797	1.47797	0.00826812	0.283775	-3.52392	0.0295184	0.384462	-2.60104	0.656153	1.18192	1.18192	0.733509	0.880327	-1.13594	0.470967	1.31459	1.31459	0.0431149	2.38202	2.38202	0.2765	1.52528	1.52528	0.0129607	0.31655	-3.15906	4.64975	10.2446	1.95846	1
cg13275724	LOC100133469	0.0231783	0.360051	0.796524	-1.25546	0.243992	0.744758	-1.34272	0.0481311	0.579219	-1.72646	0.183087	0.710684	-1.4071	0.00193103	0.34615	-2.88892	0.181754	0.709853	-1.40874	0.185812	0.712368	-1.40377	0.00224946	0.355611	-2.81206	0.0898708	0.636357	-1.57144	4.47293	4.14063	0.822853	1
cg24730564	LOC100133469	0.0241347	0.00940101	4.05934	4.05934	0.187238	1.81262	1.81262	0.501621	0.748119	-1.33669	0.627412	0.812105	-1.23137	0.0268389	0.327635	-3.05218	0.258477	1.65152	1.65152	0.00908742	4.09796	4.09796	0.605132	1.24849	1.24849	0.213728	0.572876	-1.74558	4.41084	12.6483	2.54894	1
cg16491185	LOC100133469	0.0395471	0.00573827	3.87708	3.87708	0.519737	1.27661	1.27661	0.0409161	0.413537	-2.41816	0.191213	1.67843	1.67843	0.502867	1.28975	1.28975	0.184836	1.69264	1.69264	0.395478	1.38495	1.38495	0.114885	1.89949	1.89949	0.10571	0.516156	-1.9374	3.6986	8.20338	1.97153	1
cg01234748	LOC100133545	0.00521706	0.00134384	0.398009	-2.51251	0.232294	0.780589	-1.28108	0.266761	1.25709	1.25709	0.818971	0.95568	-1.04638	0.00615876	0.493311	-2.02712	0.546909	1.12812	1.12812	0.0157341	1.79547	1.79547	0.157274	0.741499	-1.34862	0.00767122	0.507832	-1.96915	7.24389	4.48622	0.550498	1
cg23212916	LOC100133545	0.00654899	0.167243	0.753001	-1.32802	0.0747193	1.46597	1.46597	0.056626	0.659829	-1.51554	0.00411864	0.476427	-2.09896	0.105689	0.71138	-1.40572	0.952082	1.01165	1.01165	0.00277952	2.21376	2.21376	0.0573113	0.66078	-1.51336	0.0744652	0.681865	-1.46657	6.75362	3.97129	0.522688	1
cg27305060	LOC100133545	0.0115409	0.0381526	0.690777	-1.44765	0.817881	0.965114	-1.03615	0.00844342	0.595859	-1.67825	0.00587854	0.574109	-1.74183	0.00136028	0.4888	-2.04582	0.0208454	0.651709	-1.53443	0.697678	1.06194	1.06194	0.668205	0.935776	-1.06863	0.64143	0.930343	-1.07487	5.64437	2.11859	0.33364	1
cg04859117	LOC100133545	0.0148727	0.10359	1.82939	1.82939	0.977559	1.00959	1.00959	0.000974489	0.189238	-5.28435	0.0217703	0.392828	-2.54564	0.708846	0.880495	-1.13572	0.475405	1.27923	1.27923	0.0888259	1.8905	1.8905	0.411228	1.3299	1.3299	0.493653	0.789889	-1.266	5.19531	9.47282	1.62075	1
cg08273750	LOC100133545	0.0287903	0.231333	0.720794	-1.38736	0.206776	0.706646	-1.41514	0.016904	0.467711	-2.13807	0.0831377	0.60636	-1.64918	0.151251	0.669626	-1.49337	0.373571	1.26896	1.26896	0.0142477	2.19982	2.19982	0.150548	1.49455	1.49455	0.228959	1.38991	1.38991	4.14686	4.46637	0.957377	1
cg14197182	LOC100133545	0.0427317	0.13786	0.745272	-1.34179	0.0181794	1.69502	1.69502	0.213631	1.27247	1.27247	0.580196	1.10827	1.10827	0.47784	1.14201	1.14201	0.196393	0.777745	-1.28577	0.00807208	0.535626	-1.86698	0.422019	0.859916	-1.1629	0.768898	1.05571	1.05571	3.59421	1.92738	0.476665	1
cg08465307	LOC100133612	5.55E-05	0.00316714	0.205174	-4.87391	0.007432	0.258078	-3.87479	0.000771856	0.135346	-7.38849	0.0052745	0.235732	-4.2421	1.90E-05	0.0328233	-30.4662	2.76E-05	0.0389747	-25.6577	1.34E-05	0.0278623	-35.8907	0.000304238	0.0996953	-10.0306	0.00079511	0.13661	-7.32009	25.8963	63.304	2.1729	1
cg00935967	LOC100133612	0.000144052	8.25E-05	0.214104	-4.67064	0.00714753	0.470032	-2.12752	0.0173516	0.532748	-1.87706	0.203228	0.746836	-1.33898	9.02E-06	0.12377	-8.07952	0.000252543	0.269484	-3.71079	0.000387664	0.292306	-3.42107	0.120318	0.693352	-1.44227	0.0151091	0.522632	-1.91339	20.0746	15.0179	0.664982	1
cg09362969	LOC100133612	0.000186951	0.041538	0.494298	-2.02307	0.00877277	0.367597	-2.72037	0.00301598	0.295498	-3.38412	0.0106295	0.381706	-2.61982	6.09E-05	0.108712	-9.19858	0.00030268	0.171899	-5.81736	3.53E-05	0.0912201	-10.9625	0.000231608	0.160081	-6.24683	0.00172068	0.261543	-3.82346	18.7101	26.6358	1.26543	1
cg09275693	LOC100133612	0.000591119	0.00204054	0.448001	-2.23214	0.00824245	1.86653	1.86653	0.10668	1.38448	1.38448	0.357331	0.839596	-1.19105	0.232798	0.793679	-1.25996	0.819504	1.04312	1.04312	2.13E-05	0.205807	-4.85893	0.510073	0.883904	-1.13134	0.898884	1.02376	1.02376	13.6405	7.36896	0.480202	1
cg23595256	LOC100133612	0.000691237	0.00012503	0.294729	-3.39294	0.941743	0.98673	-1.01345	0.0032746	0.480655	-2.08049	0.57173	0.900817	-1.1101	0.103251	0.72199	-1.38506	0.146613	0.752177	-1.32947	0.000134349	0.298457	-3.35057	0.00302607	0.47578	-2.10181	0.00114447	0.417276	-2.3965	13.0569	6.90887	0.470341	1
cg13560072	LOC100133612	0.00100977	0.89037	0.972401	-1.02838	0.537205	0.880916	-1.13518	0.00236425	0.422935	-2.36443	0.218808	0.769157	-1.30013	0.0576976	0.646928	-1.54577	0.263099	1.26714	1.26714	3.28E-05	0.194514	-5.14101	0.890709	0.972486	-1.02829	0.00163483	0.40031	-2.49806	11.7341	7.65329	0.579756	1
cg09228402	LOC100133612	0.00155198	0.000246049	0.236918	-4.22087	0.181879	0.713962	-1.40063	0.0113558	0.470675	-2.12461	0.002951	0.378898	-2.63923	0.00481917	0.410983	-2.43319	0.000344165	0.254135	-3.93491	0.00403058	0.399128	-2.50546	0.35777	0.798625	-1.25215	0.0601104	0.603973	-1.6557	10.3773	9.29144	0.795881	1
cg16162536	LOC100133612	0.00362851	0.112802	1.23945	1.23945	0.00207419	0.583208	-1.71465	0.00149115	0.56573	-1.76763	0.311318	0.877857	-1.13914	0.00603492	0.640116	-1.56222	0.00562088	0.636305	-1.57157	0.0225584	0.711984	-1.40453	0.300629	0.875124	-1.1427	0.00810433	0.655974	-1.52445	8.08599	1.98076	0.217744	1
cg21861174	LOC100133612	0.0139079	0.603691	0.936684	-1.0676	0.291709	1.14642	1.14642	0.132129	1.22504	1.22504	0.144095	0.822013	-1.21653	0.588677	0.934083	-1.07057	0.205387	0.84631	-1.1816	0.000514392	1.96813	1.96813	0.488122	0.915785	-1.09196	0.173259	0.834445	-1.1984	5.3114	1.31228	0.219616	1
cg23698560	LOC100133612	0.014401	0.921726	1.01182	1.01182	0.0288995	0.734884	-1.36076	0.00859052	0.669787	-1.49301	0.00444734	0.635223	-1.57425	0.527952	0.926388	-1.07946	0.308179	0.881504	-1.13442	0.00138273	0.574355	-1.74108	0.155547	0.833841	-1.19927	0.138634	0.826442	-1.21001	5.25085	1.18908	0.201292	1
cg26550938	LOC100133612	0.0159249	0.00635771	2.56337	2.56337	0.68008	0.895937	-1.11615	0.0137573	2.24148	2.24148	0.0731004	1.69845	1.69845	0.306929	1.32353	1.32353	0.216528	0.708482	-1.41147	0.012907	0.44131	-2.26598	0.688868	1.11256	1.11256	0.31571	0.759634	-1.31642	5.07893	5.64938	0.988727	1
cg24143374	LOC100133612	0.0238027	0.774894	1.08497	1.08497	0.875675	0.956443	-1.04554	0.0408589	0.510993	-1.95697	0.146573	0.641968	-1.55771	0.00253769	0.303722	-3.29249	0.443376	0.800686	-1.24893	0.00302428	0.314734	-3.17728	0.0816562	0.577601	-1.7313	0.472432	0.812304	-1.23107	4.43204	5.67899	1.13898	1
cg22344254	LOC100133612	0.0248375	0.9846	1.00556	1.00556	0.217665	1.45157	1.45157	0.54406	0.838247	-1.19297	0.336839	0.752366	-1.32914	0.171128	0.657893	-1.52	0.945986	1.01966	1.01966	0.00218453	0.290851	-3.43819	0.00425294	0.33311	-3.00201	0.19308	0.673162	-1.48553	4.36712	5.71056	1.16233	1
cg26248091	LOC100133612	0.0253367	0.0517387	1.91124	1.91124	0.0635419	1.84115	1.84115	0.0704572	0.55346	-1.80682	0.488648	1.22855	1.22855	0.00600041	0.349703	-2.85957	0.161115	0.645374	-1.54949	0.975949	0.991218	-1.00886	0.482541	0.811536	-1.23223	0.0507966	0.521476	-1.91763	4.33699	5.88042	1.20522	1
cg20615379	LOC100133612	0.0287129	0.00152884	73.7202	73.7202	0.497872	1.75936	1.75936	0.0324906	8.74441	8.74441	0.646095	1.46003	1.46003	0.736581	1.31789	1.31789	0.140635	0.264702	-3.77784	0.171187	0.296066	-3.37763	0.700546	1.37173	1.37173	0.946522	1.0563	1.0563	5.21271	52.4187	6.70396	1
cg23632752	LOC100133612	0.0311977	0.031669	0.401756	-2.48908	0.117579	0.540473	-1.85023	0.150048	0.572011	-1.74822	0.408302	0.736256	-1.35822	0.00420923	0.249687	-4.00501	0.153298	0.5749	-1.73943	0.00318012	0.232598	-4.29926	0.31507	0.686552	-1.45655	0.0654466	0.47305	-2.11394	4.03028	8.3652	1.84497	1
cg02693688	LOC100133612;C1orf174	0.0178806	0.0366099	0.679888	-1.47083	0.000660833	0.436688	-2.28997	0.00864926	0.58757	-1.70192	0.598258	0.919	-1.08814	0.0607656	0.714751	-1.39909	0.223838	0.816269	-1.22509	0.394737	0.870686	-1.14852	0.123964	0.76747	-1.30298	0.94789	0.98967	-1.01044	4.88605	1.95293	0.355285	1
cg09072381	LOC100133612;C1orf174	0.025591	0.402041	0.916339	-1.0913	0.400939	0.916143	-1.09153	0.0683514	0.812297	-1.23108	0.0623425	1.23828	1.23828	0.630879	1.05055	1.05055	0.11073	1.19367	1.19367	0.00259018	0.653582	-1.53003	0.255537	0.886105	-1.12853	0.24645	1.13142	1.13142	4.32192	0.710348	0.146097	1
cg04343292	LOC100133612;C1orf174	0.0365986	0.197829	1.39899	1.39899	0.00966633	2.24268	2.24268	0.0653652	1.66569	1.66569	0.688708	0.905441	-1.10443	0.792123	1.06732	1.06732	0.148584	0.68237	-1.46548	0.121654	0.661066	-1.51271	0.0524816	1.72271	1.72271	0.0466793	1.7539	1.7539	3.80495	3.66661	0.85657	1
cg20314620	LOC100133612;C1orf174;C1orf174	0.0399655	0.570032	1.13836	1.13836	0.573418	0.879475	-1.13704	0.00187465	0.369523	-2.70619	0.154369	0.708804	-1.41083	0.991099	1.00252	1.00252	0.402951	1.21315	1.21315	0.473183	1.17904	1.17904	0.0251999	0.548306	-1.8238	0.437011	0.83611	-1.19602	3.68431	2.97377	0.717462	1
cg11303842	LOC100133669	0.00117743	0.0435246	0.58958	-1.69612	0.0737933	0.635316	-1.57402	0.00106592	0.332572	-3.00687	0.00744003	0.456306	-2.19151	0.000837069	0.318538	-3.13934	0.175516	0.720438	-1.38804	8.37E-05	0.199663	-5.00844	0.586019	1.13335	1.13335	0.0196764	0.526579	-1.89905	11.2325	9.21689	0.729385	1
cg00241638	LOC100133669	0.00177248	0.252369	0.724544	-1.38018	0.0243802	2.06049	2.06049	0.800782	0.93413	-1.07051	0.0493911	0.546414	-1.83011	0.117924	0.632833	-1.5802	0.207769	1.43041	1.43041	0.0019922	0.308394	-3.24261	0.000208495	5.32507	5.32507	0.770134	1.08216	1.08216	9.98629	11.4864	1.02241	1
cg00883493	LOC100133669	0.00538597	0.338221	0.830769	-1.2037	0.169507	1.31632	1.31632	0.00031187	0.33351	-2.99841	0.621592	1.09794	1.09794	0.0469322	0.652377	-1.53286	0.0138055	1.77102	1.77102	0.0496723	0.656708	-1.52275	0.641338	0.915665	-1.0921	0.480144	0.873895	-1.1443	7.17352	4.00706	0.496525	1
cg09072052	LOC100133669	0.0093918	0.572062	1.11083	1.11083	0.420995	0.859564	-1.16338	0.000910772	0.401343	-2.49164	0.638562	0.916594	-1.091	0.00246329	0.460634	-2.17092	0.485178	1.13947	1.13947	0.0574919	1.48509	1.48509	0.939825	1.014	1.014	0.873146	0.971015	-1.02985	6.03015	3.2363	0.477054	1
cg08228856	LOC100133669	0.0127713	0.344126	1.53963	1.53963	0.434889	0.702712	-1.42306	0.0142276	0.262069	-3.81579	0.257631	1.68729	1.68729	0.00268398	0.159228	-6.28032	0.372944	0.666947	-1.49937	0.00432622	0.184718	-5.41366	0.408604	1.45394	1.45394	0.0865104	0.43236	-2.31288	5.4617	16.9627	2.76067	1
cg05062418	LOC100133669	0.0157429	0.436926	0.744231	-1.34367	0.00531999	0.254633	-3.92722	0.0019665	0.196016	-5.10161	0.0718174	0.472995	-2.11419	0.149811	0.562619	-1.7774	0.716625	0.873032	-1.14543	0.00346631	0.228075	-4.38452	0.135262	0.548959	-1.82163	0.108621	0.521065	-1.91915	5.09837	11.2037	1.95335	1
cg20307074	LOC100133669	0.0281368	0.105284	0.482258	-2.07358	0.0152128	0.292745	-3.41594	0.00516568	0.218382	-4.57912	0.538948	0.773886	-1.29218	0.00727226	0.240118	-4.16463	0.357455	0.677076	-1.47694	0.0121422	0.27578	-3.62608	0.658303	0.832432	-1.2013	0.377309	0.688461	-1.45252	4.1806	11.2426	2.39042	1
cg05632229	LOC100133893	0.00369903	0.00238802	0.2104	-4.75286	0.00185234	0.196511	-5.08879	0.022893	0.367019	-2.72465	0.218524	0.620924	-1.6105	0.000713859	0.14995	-6.66889	0.0217132	0.362545	-2.75828	0.00445569	0.247373	-4.04248	0.488752	0.771851	-1.29559	0.0120397	0.315663	-3.16793	8.03943	17.263	1.9087	1
cg05606767	LOC100133893	0.00752758	0.00295112	0.246824	-4.05148	0.101736	0.541142	-1.84794	0.578449	0.824977	-1.21215	0.626239	0.845152	-1.18322	0.00569079	0.288478	-3.46646	0.0923033	0.529887	-1.88719	0.00774344	0.309611	-3.22986	0.940671	1.02584	1.02584	0.000954151	0.184992	-5.40564	6.46657	12.0334	1.65409	1
cg09093212	LOC100133893	0.0245911	0.0427706	0.263779	-3.79105	0.272554	0.520691	-1.92052	0.0108097	0.160501	-6.23049	0.0584767	0.294746	-3.39275	0.122295	0.384058	-2.60377	0.389351	1.65549	1.65549	0.0106701	0.159727	-6.26067	0.288945	0.533099	-1.87583	0.00479437	0.117758	-8.492	4.38228	22.6647	4.59724	1
cg04279139	LOC100133893	0.0308665	0.0228003	0.246117	-4.06311	0.00403132	0.137038	-7.29725	0.0198725	0.235383	-4.24839	0.117603	0.417082	-2.39761	0.0265111	0.258398	-3.87	0.181845	0.482311	-2.07335	0.0155584	0.217289	-4.60217	0.101386	0.397372	-2.51654	0.223429	0.517802	-1.93124	4.04565	16.9628	3.72699	1
cg13521678	LOC100133920	0.00201679	0.00197434	0.568931	-1.75768	0.0239711	1.41545	1.41545	0.014022	1.47895	1.47895	0.527582	1.08607	1.08607	0.88224	0.981059	-1.01931	0.707052	1.04991	1.04991	0.000197739	2.24082	2.24082	0.835505	0.973532	-1.02719	0.36217	0.886183	-1.12843	9.61844	2.5353	0.2343	1
cg07468552	LOC100133957;UXT;UXT;LOC100133957	0.00971542	0.0728436	2.16813	2.16813	0.00349662	0.216055	-4.62844	0.030823	0.375043	-2.66636	0.0170338	0.324635	-3.08038	0.00510457	0.239045	-4.18331	0.811484	0.911735	-1.09681	0.328737	0.677166	-1.47674	0.125956	1.89712	1.89712	0.445805	0.740403	-1.35062	5.96539	14.1304	2.10554	1
cg10923106	LOC100133991	0.0256291	0.0199589	0.264186	-3.78521	0.011748	0.225	-4.44444	0.0182848	0.257333	-3.88602	0.144651	0.475908	-2.10125	0.0194899	0.262311	-3.81227	0.0551577	0.356876	-2.80209	0.00623226	0.184569	-5.41802	0.0391002	0.322504	-3.10073	0.146711	0.477976	-2.09216	4.31968	15.3663	3.16203	1
cg02684548	LOC100133991;FMNL1	0.000820186	0.109514	0.747783	-1.33729	0.624725	1.08559	1.08559	0.286174	0.831521	-1.20262	0.257736	0.821415	-1.21741	0.756266	0.94946	-1.05323	0.0986772	1.35204	1.35204	0.00543981	1.83894	1.83894	2.27E-05	0.24332	-4.10982	0.0592697	0.701383	-1.42575	12.4445	5.46853	0.390608	1
cg26742995	LOC100133991;LOC100133991;C17orf46	1.21E-05	0.304876	1.18973	1.18973	0.0377444	1.48291	1.48291	2.96E-06	6.18889	6.18889	0.22793	1.2299	1.2299	1.00E-05	4.70823	4.70823	0.00736744	1.75886	1.75886	0.840786	0.967647	-1.03343	0.375137	1.16048	1.16048	1.23E-06	7.72754	7.72754	38.591	16.34	0.376369	1
cg03048083	LOC100133991;LOC100133991;C17orf46	0.00262185	0.71572	1.27561	1.27561	0.404956	1.76317	1.76317	0.000384026	43.46	43.46	0.497286	0.632137	-1.58194	0.00730485	9.99657	9.99657	0.179029	2.58586	2.58586	0.729215	1.26022	1.26022	0.792618	1.19168	1.19168	0.000221974	59.8908	59.8908	8.90628	62.4816	6.23596	1
cg24542751	LOC100133991;LOC100133991;C17orf46	0.00378885	0.187302	1.92266	1.92266	0.205991	1.86639	1.86639	0.00222543	7.41877	7.41877	0.291542	1.6685	1.6685	0.000802522	10.6607	10.6607	0.027253	3.39445	3.39445	0.87731	1.07494	1.07494	0.337719	1.5877	1.5877	0.000370949	14.3641	14.3641	7.98171	27.6577	3.08012	1
cg08124910	LOC100133991;LOC100133991;C17orf46	0.00794927	0.451161	0.55232	-1.81055	0.116839	3.73366	3.73366	0.00527801	17.1809	17.1809	0.855418	1.15147	1.15147	0.00718427	14.6339	14.6339	0.129219	3.55249	3.55249	0.154765	0.30802	-3.24655	0.422581	0.530782	-1.88401	0.0013016	37.3841	37.3841	6.35686	60.1963	8.41734	1
cg26532627	LOC100133991;LOC100133991;C17orf46	0.010766	0.228121	0.695309	-1.43821	0.053141	1.87985	1.87985	0.00549305	2.85396	2.85396	0.567655	1.18051	1.18051	0.0118627	2.46539	2.46539	0.632373	1.1485	1.1485	0.380481	0.772267	-1.29489	0.0796984	0.571955	-1.74839	0.00444096	2.97558	2.97558	5.77234	7.54431	1.16176	1
cg01627847	LOC100133991;LOC100133991;C17orf46	0.0319942	0.39637	0.500855	-1.99658	0.151877	3.39453	3.39453	0.00981912	13.4447	13.4447	0.81019	1.21114	1.21114	0.0113623	12.465	12.465	0.117813	3.86569	3.86569	0.976796	1.02342	1.02342	0.766798	1.26714	1.26714	0.00602576	17.4004	17.4004	3.99414	40.0927	8.92257	1
cg17222164	LOC100133991;LOC100133991;C17orf46;C17orf46	0.00710011	0.907088	1.05637	1.05637	0.104602	2.30073	2.30073	0.00215894	7.55933	7.55933	0.556039	1.32273	1.32273	0.00883561	4.78595	4.78595	0.089876	2.40643	2.40643	0.90171	0.943618	-1.05975	0.890838	1.06663	1.06663	0.000456087	13.3766	13.3766	6.58588	23.0127	3.106	1
cg14070549	LOC100134229	0.00103384	0.0157465	0.480729	-2.08017	0.836076	0.951563	-1.0509	0.000477002	0.242424	-4.12501	0.809089	1.05972	1.05972	0.000157802	0.183417	-5.45205	0.31458	0.778459	-1.28459	0.000210928	0.198083	-5.0484	0.410622	0.816872	-1.22418	0.021029	0.504142	-1.98357	14.1808	12.62	0.692176	1
cg16429887	LOC100134259	4.93E-06	0.0312411	0.793696	-1.25993	0.00579614	0.718633	-1.39153	1.20E-07	0.213594	-4.68178	0.319343	0.910213	-1.09864	6.74E-06	0.400973	-2.49393	0.629956	1.04538	1.04538	0.00471306	1.40955	1.40955	0.578656	1.05262	1.05262	0.39808	0.923951	-1.08231	48.7028	6.44611	0.11765	1
cg02315315	LOC100134259	0.0267432	0.258055	0.594898	-1.68096	0.0186089	0.284928	-3.50966	0.00474287	0.191935	-5.21008	0.0141685	0.263952	-3.78857	0.0567611	0.387155	-2.58294	0.95044	1.02773	1.02773	0.549984	0.766308	-1.30496	0.0469415	0.367571	-2.72056	0.0145775	0.266079	-3.75828	4.2559	13.0538	2.72642	1
cg27485075	LOC100134259	0.0385912	0.214456	0.58662	-1.70468	0.0551696	0.411795	-2.42839	0.0119148	0.277817	-3.59949	0.00933283	0.260358	-3.84086	0.0131599	0.285184	-3.50651	0.314006	0.653794	-1.52953	0.224279	0.593931	-1.6837	0.0275349	0.345175	-2.89708	0.0560801	0.413508	-2.41833	3.73198	9.84463	2.34481	1
cg22013055	LOC100134259	0.0424603	0.0669621	0.573275	-1.74436	0.0130702	0.434253	-2.30281	0.0772447	0.587283	-1.70276	0.129867	0.641904	-1.55787	0.00303101	0.332616	-3.00647	0.158836	0.664948	-1.50388	0.670532	1.12294	1.12294	0.445045	0.809824	-1.23484	0.193582	0.688858	-1.45168	3.60273	4.18881	1.03349	1
cg15063621	LOC100134259	0.0499258	0.176145	1.28338	1.28338	0.0174247	0.605214	-1.65231	0.0940768	0.726624	-1.37623	0.396422	0.860146	-1.16259	0.0353035	0.653602	-1.52998	0.201248	1.26383	1.26383	0.071997	1.41681	1.41681	0.897168	0.977819	-1.02268	0.836551	0.964797	-1.03649	3.39004	1.61585	0.423684	1
cg25691959	LOC100134317	0.00366959	0.135807	1.30862	1.30862	0.000479351	2.50158	2.50158	0.277864	1.20782	1.20782	0.0389101	1.4919	1.4919	0.0666434	0.708854	-1.41073	0.0888217	1.36898	1.36898	0.235023	1.23154	1.23154	0.00419246	1.89991	1.89991	0.0265012	0.643955	-1.5529	8.05874	3.57352	0.394164	1
cg00764796	LOC100134368	0.0409077	0.0117118	0.0986703	-10.1348	0.0871897	0.249375	-4.01003	0.439426	0.55997	-1.78581	0.165814	0.337296	-2.96476	0.0140305	0.107489	-9.30325	0.271101	0.430614	-2.32226	0.00456365	0.0621889	-16.08	0.061049	0.211745	-4.72267	0.390568	0.523644	-1.90969	3.65278	31.2838	7.6128	1
cg11769966	LOC100134713;NDUFB2	3.36E-06	0.707934	1.01572	1.01572	4.73E-06	1.54395	1.54395	6.73E-06	1.51352	1.51352	0.0332693	1.10865	1.10865	0.276985	0.954213	-1.04798	0.0227739	0.893173	-1.1196	1.39E-06	0.600345	-1.66571	0.000726427	1.23742	1.23742	0.00116341	1.21858	1.21858	53.7847	1.46364	0.0241893	1
cg23196782	LOC100134713;NDUFB2	4.31E-06	0.0336509	1.64731	1.64731	0.0113337	0.528423	-1.89242	0.590212	1.11558	1.11558	3.56E-08	0.0189278	-52.8323	0.274646	0.795599	-1.25691	0.0108275	0.525278	-1.90375	0.176628	0.749041	-1.33504	0.425163	1.17802	1.17802	0.071086	0.666564	-1.50023	50.4228	32.3193	0.569747	1
cg06488747	LOC100134713;NDUFB2	0.00946105	0.583746	1.25061	1.25061	0.361115	0.684265	-1.46142	0.000454598	0.107249	-9.32407	0.0382432	2.63948	2.63948	0.22041	0.594106	-1.6832	0.429011	0.721591	-1.38583	0.0693987	0.440028	-2.27258	0.370645	1.44996	1.44996	0.142202	1.89205	1.89205	6.01606	15.5626	2.29941	1
cg00600941	LOC100134713;NDUFB2	0.0125914	0.0506696	0.450413	-2.22019	0.00304266	0.23359	-4.281	0.0376689	0.42166	-2.37158	0.0163841	0.349641	-2.86008	0.155726	0.580403	-1.72294	0.0346414	2.41628	2.41628	0.324454	1.43975	1.43975	0.643983	1.18138	1.18138	0.547992	1.24327	1.24327	5.48701	11.1488	1.80608	1
cg05009619	LOC100134713;NDUFB2	0.0180599	0.852861	0.942803	-1.06067	0.000539418	0.181372	-5.51354	0.841575	0.938487	-1.06554	0.300267	1.40568	1.40568	0.822019	1.07409	1.07409	0.713951	1.12388	1.12388	0.0154446	0.389591	-2.56679	0.595211	1.18543	1.18543	0.511343	0.809521	-1.2353	4.86968	7.76135	1.41672	1
cg10345571	LOC100134713;NDUFB2	0.0197023	0.519638	0.784413	-1.27484	0.0115578	3.23746	3.23746	0.00217219	4.95481	4.95481	0.275324	0.655611	-1.5253	?	?	?	0.691316	1.16006	1.16006	0.112735	1.90075	1.90075	0.84152	0.928231	-1.07732	0.0529524	2.26642	2.26642	4.81466	9.38002	1.94822	1
cg06749043	LOC100134713;NDUFB2	0.0391047	0.0911708	0.679254	-1.4722	0.0893875	1.47601	1.47601	0.00803595	2.0257	2.0257	0.332912	0.812509	-1.23076	0.0254538	0.57578	-1.73677	0.65036	0.909505	-1.0995	0.840445	0.958963	-1.04279	0.249025	1.28462	1.28462	0.917922	0.9788	-1.02166	3.71393	2.54172	0.608334	1
cg04292830	LOC100134868	0.00554855	0.0178816	0.368471	-2.71392	0.00140097	0.200867	-4.97842	0.00942117	0.319302	-3.13183	0.116315	0.553239	-1.80754	0.00364249	0.255539	-3.91329	0.0894496	0.522291	-1.91464	0.00117979	0.191949	-5.20973	0.0149157	0.353994	-2.82491	0.189093	0.617186	-1.62026	7.10834	13.5458	1.69388	1
cg02525307	LOC100134868	0.0111569	0.596009	1.08837	1.08837	0.496498	0.89648	-1.11547	0.642769	0.928736	-1.07673	0.0241755	1.53026	1.53026	0.00804565	0.584287	-1.71149	0.35855	1.16117	1.16117	0.973282	0.994713	-1.00531	0.351117	1.16403	1.16403	0.00114274	0.469065	-2.1319	5.7064	2.26409	0.352678	1
cg10968404	LOC100144603;CHKB-CPT1B;CHKB	0.0388648	0.0158057	0.4613	-2.16779	0.403717	1.25055	1.25055	0.600616	1.14823	1.14823	0.650331	1.12684	1.12684	0.289424	0.749958	-1.33341	0.383425	1.26348	1.26348	0.002249	0.326575	-3.06208	0.839588	0.948347	-1.05447	0.792889	0.933462	-1.07128	3.72232	4.03664	0.963947	1
cg12338894	LOC100144604	2.81E-05	0.918878	1.02089	1.02089	0.309609	0.807835	-1.23788	0.00022071	0.286779	-3.487	0.35073	0.82289	-1.21523	0.0502029	0.635648	-1.5732	0.00303557	0.438529	-2.28035	4.09E-07	0.0534825	-18.6977	0.0296376	0.594732	-1.68143	0.000225433	0.287895	-3.47349	30.9785	20.2097	0.579891	1
cg17158894	LOC100144604	0.00126883	0.0109048	1.48827	1.48827	0.000612867	0.518642	-1.92811	0.00878702	0.660219	-1.51465	0.136069	1.22122	1.22122	0.287653	0.871658	-1.14724	0.379418	0.893873	-1.11873	0.834649	0.974328	-1.02635	0.00106235	0.547661	-1.82595	0.00190486	0.578555	-1.72844	10.9952	2.69578	0.217936	1
cg26296941	LOC100144604	0.00132125	0.137643	0.753005	-1.32801	0.0404538	1.52184	1.52184	0.709727	1.06859	1.06859	8.28E-05	0.284324	-3.51711	0.306154	1.20683	1.20683	0.0168679	0.596138	-1.67746	0.000966102	0.418215	-2.39112	0.953233	0.989648	-1.01046	0.462885	0.875826	-1.14178	10.8685	5.41924	0.443217	1
cg01626493	LOC100144604	0.0360697	0.989956	1.00738	1.00738	0.00903444	0.143992	-6.94484	0.00731229	0.132703	-7.53565	0.0807895	0.322784	-3.09804	0.641606	0.760531	-1.31487	0.587812	0.726458	-1.37654	0.0153748	0.176051	-5.68017	0.110839	0.362589	-2.75794	0.0389486	0.247634	-4.03822	3.82515	20.6596	4.80088	1
cg18034368	LOC100169752	0.000167993	0.0234911	0.666098	-1.50128	0.0130752	0.629876	-1.58761	0.00243452	0.530697	-1.88431	0.0023457	0.528562	-1.89193	0.000162338	0.380415	-2.62871	0.65992	0.935672	-1.06875	0.0028604	1.85191	1.85191	4.78E-05	0.316723	-3.15734	0.000750589	0.464064	-2.15487	19.2591	6.8773	0.317417	1
cg00273657	LOC100169752	0.000729181	0.609739	1.10211	1.10211	0.0668119	1.47415	1.47415	0.474935	0.871779	-1.14708	0.0373114	0.633531	-1.57845	0.820243	0.957927	-1.04392	1.28E-05	0.176823	-5.65536	0.0594687	1.49445	1.49445	0.559559	0.894551	-1.11788	0.0737484	0.686292	-1.45711	12.8628	7.26589	0.502113	1
cg13713728	LOC100169752	0.00641118	0.0152944	0.652917	-1.53159	0.181788	0.81635	-1.22496	0.000232173	0.417066	-2.3977	0.0353813	0.704168	-1.42012	0.124071	1.26925	1.26925	0.809382	1.0352	1.0352	0.506685	1.10125	1.10125	0.1238	0.787712	-1.2695	0.490867	0.904674	-1.10537	6.79832	2.20672	0.288532	1
cg19974448	LOC100169752	0.00992773	0.0471989	0.687744	-1.45403	0.664867	0.930672	-1.07449	0.0106248	0.588848	-1.69823	0.00864396	0.575881	-1.73647	0.00228688	0.4951	-2.01979	0.612485	1.08785	1.08785	0.0255648	0.645771	-1.54854	0.00701016	0.562848	-1.77668	0.0261444	0.647268	-1.54495	5.92434	2.54966	0.382551	1
cg25308381	LOC100169752	0.0165159	0.529282	0.862567	-1.15933	0.569728	0.875231	-1.14256	0.000428921	0.274493	-3.64309	0.480772	0.846833	-1.18087	0.150951	0.699749	-1.42908	0.0856835	0.64363	-1.55369	0.0111589	0.478143	-2.09142	0.0368434	0.569799	-1.755	0.348834	0.799535	-1.25073	5.01767	4.27623	0.757542	1
cg02173583	LOC100169752	0.0253551	0.239652	0.703303	-1.42186	0.00259598	0.303338	-3.29666	0.992864	1.00256	1.00256	0.179352	0.665174	-1.50337	0.0468299	0.521773	-1.91654	0.820451	1.06714	1.06714	0.528883	1.20005	1.20005	0.00452514	0.339129	-2.94873	0.164217	0.654244	-1.52848	4.33589	5.61121	1.15034	1
cg23296684	LOC100188947	0.00212882	0.897127	0.958411	-1.04339	0.551757	1.21862	1.21862	0.921722	1.0328	1.0328	0.902139	1.04122	1.04122	0.000778248	0.188336	-5.30966	0.00591618	0.306557	-3.26204	0.000121791	0.110447	-9.0541	0.790223	1.0915	1.0915	0.417463	0.76177	-1.31273	9.4679	16.1708	1.51819	1
cg25014286	LOC100188947	0.00346123	0.00222547	0.313043	-3.19444	0.000821734	0.255014	-3.92135	0.111482	0.625043	-1.59989	0.0468804	0.539707	-1.85286	0.0921886	0.605034	-1.6528	0.104557	1.61761	1.61761	0.0452006	0.536402	-1.86427	0.0310054	0.503366	-1.98663	0.00144891	0.287219	-3.48166	8.20109	9.5448	1.03453	1
cg16181099	LOC100188947	0.00669932	0.0902081	1.73357	1.73357	0.279555	0.718036	-1.39269	0.624701	0.864785	-1.15636	0.565756	1.18656	1.18656	0.0114664	0.393756	-2.53965	0.0219852	2.24701	2.24701	0.00132827	3.95651	3.95651	0.118075	1.64877	1.64877	0.015805	2.38985	2.38985	6.70617	9.22116	1.22225	1
cg23421347	LOC100188947	0.0107079	0.687392	0.897515	-1.11419	0.00407814	0.356879	-2.80207	0.00519796	0.373132	-2.68002	0.22598	1.40474	1.40474	0.0085786	0.408131	-2.45019	0.217197	1.41487	1.41487	0.221699	1.40963	1.40963	0.276817	0.739089	-1.35302	0.0683078	0.579506	-1.72561	5.7824	6.54309	1.00583	1
cg17214222	LOC100188947	0.017491	0.288052	0.902589	-1.10792	0.185891	0.87781	-1.1392	0.512854	0.940196	-1.06361	0.373689	1.08855	1.08855	0.000871826	0.628753	-1.59045	0.663155	0.960096	-1.04156	0.0235676	1.28562	1.28562	0.211872	0.884974	-1.12998	0.16554	0.8716	-1.14732	4.92232	0.673076	0.121546	1
cg10586147	LOC100188947	0.0175021	0.041318	1.25315	1.25315	0.885738	0.986308	-1.01388	0.00657122	0.712873	-1.40278	0.665497	0.959151	-1.04259	0.292809	1.11031	1.11031	0.445427	1.07743	1.07743	0.00333901	1.46667	1.46667	0.0866232	1.19899	1.19899	0.611	1.05041	1.05041	4.92127	0.716571	0.129428	1
cg25065131	LOC100188947	0.034972	0.506101	1.24128	1.24128	0.0331301	0.450222	-2.22113	0.0320004	2.23657	2.23657	0.0357058	2.1882	2.1882	0.288294	1.42358	1.42358	0.876743	1.05098	1.05098	0.244776	0.677186	-1.4767	0.625157	1.17087	1.17087	0.0111023	2.77346	2.77346	3.86825	6.28813	1.44495	1
cg17568421	LOC100188947	0.0352469	0.0758188	0.421009	-2.37524	0.0022285	0.15332	-6.52232	0.04841	0.372589	-2.68392	0.070617	0.412914	-2.42181	0.983927	0.991219	-1.00886	0.0863942	0.436342	-2.29178	0.0254785	0.312755	-3.19739	0.0506295	0.377157	-2.65142	0.299695	0.62467	-1.60085	3.8573	11.7089	2.69823	1
cg15645276	LOC100188947	0.0428183	0.467737	0.869197	-1.15049	0.041099	0.639451	-1.56384	0.00711693	0.517067	-1.93398	0.956485	0.989701	-1.01041	0.0140751	0.562675	-1.77722	0.334212	1.20799	1.20799	0.28829	1.23264	1.23264	0.237152	0.790593	-1.26487	0.181843	0.764241	-1.30849	3.5915	2.04748	0.506747	1
cg14062537	LOC100188947;HECTD2	0.0441331	0.0162896	0.338768	-2.95187	0.812589	1.08846	1.08846	0.110739	1.87456	1.87456	0.876223	1.0572	1.0572	0.126842	0.550797	-1.81555	0.941044	0.973954	-1.02674	0.0247432	0.375045	-2.66635	0.25216	1.53676	1.53676	0.0257186	0.378544	-2.6417	3.86749	7.63362	1.53517	1
cg23172884	LOC100188947;HECTD2;HECTD2	0.000415731	0.0214508	1.87313	1.87313	7.35E-05	9.62589	9.62589	0.00042556	4.80339	4.80339	0.00411968	2.58524	2.58524	?	?	?	?	?	?	0.0853455	0.665765	-1.50203	?	?	?	0.0321735	0.571556	-1.74961	41.5192	16.0651	0.322442	1
cg19048950	LOC100188949	0.0052404	0.126951	0.59761	-1.67333	0.000128156	0.125289	-7.98152	0.175326	0.637954	-1.56751	0.207978	1.51292	1.51292	0.0595485	0.515201	-1.94099	0.464649	0.79287	-1.26124	0.0371324	0.470153	-2.12697	0.235657	1.47344	1.47344	0.853372	1.0594	1.0594	7.234	11.1436	1.36929	1
cg08949143	LOC100188949	0.0222196	0.136963	0.630929	-1.58496	0.0263107	0.468839	-2.13293	0.00217146	0.290296	-3.44476	0.0443289	0.514761	-1.94265	0.0943681	0.589393	-1.69666	0.914724	1.03127	1.03127	0.294779	0.731701	-1.36668	0.029756	0.479327	-2.08626	0.00824841	0.378581	-2.64144	4.53844	5.94088	1.16357	1
cg08859309	LOC100188949	0.0356506	0.129381	1.57314	1.57314	0.690915	1.11684	1.11684	0.267143	0.726403	-1.37665	0.0014432	0.279913	-3.57253	0.186358	0.678849	-1.47308	0.660475	1.13	1.13	0.754496	1.09061	1.09061	0.50184	1.2074	1.2074	0.128404	0.634819	-1.57525	3.84141	4.65136	1.07631	1
cg10372121	LOC100188949	0.0421849	0.0880327	0.285447	-3.50327	0.0385477	0.202695	-4.93353	0.18976	0.396552	-2.52174	0.0238497	0.166008	-6.02379	0.00696634	0.097812	-10.2237	0.1256	0.331584	-3.01583	0.0549523	0.234711	-4.26055	0.013163	0.1291	-7.74593	0.0870923	0.284169	-3.51903	3.61144	25.3668	6.24357	1
cg20348703	LOC100189589	0.00075696	0.110491	0.749588	-1.33407	0.00184172	0.480466	-2.08131	0.00745534	0.564949	-1.77007	0.0281394	0.650711	-1.53678	1.57E-05	0.228099	-4.38405	0.0875888	0.731608	-1.36685	0.104956	0.745555	-1.34128	0.00220778	0.49116	-2.036	0.41776	0.871769	-1.14709	12.7285	5.53661	0.386647	1
cg10884867	LOC100189589	0.000874841	0.000593602	0.462269	-2.16324	0.000132288	0.381101	-2.62397	0.412307	0.885176	-1.12972	0.065108	1.35167	1.35167	0.0634298	1.35487	1.35487	0.361348	0.872379	-1.14629	0.00163276	0.51862	-1.92819	0.838534	1.03013	1.03013	0.635449	1.07196	1.07196	12.2202	4.09769	0.298064	1
cg06050372	LOC100189589	0.00113469	0.0110871	1.42387	1.42387	0.231771	0.870094	-1.1493	0.622883	0.94649	-1.05654	2.71E-05	0.398977	-2.50641	0.462887	1.08644	1.08644	0.291939	1.12899	1.12899	0.509009	1.07716	1.07716	0.942655	1.00801	1.00801	0.0755738	1.24542	1.24542	11.3515	2.21318	0.173305	1
cg06224721	LOC100189589	0.0089782	0.023867	0.395493	-2.52849	0.00442888	0.270707	-3.69403	0.0429146	0.448576	-2.22928	0.0809054	0.51379	-1.94632	0.00464029	0.273709	-3.65351	0.0149068	0.356925	-2.80171	0.00707351	0.301923	-3.3121	0.141587	1.72261	1.72261	0.427578	0.75677	-1.32141	6.11708	11.4695	1.66666	1
cg24632014	LOC100189589	0.0119	0.701159	1.09258	1.09258	0.0124806	2.04158	2.04158	0.000723	3.2573	3.2573	0.566893	1.14214	1.14214	0.307166	1.27473	1.27473	0.148249	1.42775	1.42775	0.0296041	0.5554	-1.8005	0.608097	0.888019	-1.1261	0.823699	1.05257	1.05257	5.58864	4.66665	0.742244	1
cg01638101	LOC100189589	0.0275579	0.588558	1.19065	1.19065	0.041471	2.11968	2.11968	0.0380648	2.15607	2.15607	0.0107082	2.7868	2.7868	0.422617	0.769729	-1.29916	0.139606	1.66187	1.66187	0.182112	1.57225	1.57225	0.00243236	3.85122	3.85122	0.196705	1.54672	1.54672	4.21131	6.80954	1.4373	1
cg13774539	LOC100189589	0.0338071	0.203714	1.60106	1.60106	0.0176384	2.75352	2.75352	0.1115	1.83708	1.83708	0.0149411	2.85763	2.85763	0.39818	1.35458	1.35458	0.0349469	2.3685	2.3685	0.138136	1.7509	1.7509	0.00305485	4.15134	4.15134	0.0747565	2.00648	2.00648	3.91586	7.63409	1.73292	1
cg20943032	LOC100190938;RAMP2;LOC100190938	0.000409754	0.769591	0.977333	-1.02319	0.236556	1.10165	1.10165	0.176965	1.11854	1.11854	0.0372189	1.20778	1.20778	1.16E-05	0.484064	-2.06584	0.0194295	0.802058	-1.24679	0.00862969	1.29876	1.29876	0.796396	1.02039	1.02039	0.350028	0.927659	-1.07798	15.0995	1.45724	0.0857857	1
cg19188881	LOC100190938;RAMP2;LOC100190938	0.00825138	0.040062	0.783686	-1.27602	0.104144	0.833168	-1.20024	0.992701	0.999061	-1.00094	0.0843783	0.821908	-1.21668	0.252269	0.884391	-1.13072	0.00886371	0.710195	-1.40806	0.000221986	0.531692	-1.88079	0.568545	1.06099	1.06099	0.516373	0.934639	-1.06993	6.28262	1.0501	0.148572	1
cg01101510	LOC100190938;RAMP2;LOC100190938	0.012253	0.00285123	0.528773	-1.89117	0.0166611	1.57401	1.57401	0.0447935	1.42966	1.42966	0.234995	1.21308	1.21308	0.0914366	0.749432	-1.33434	0.153804	0.789024	-1.26739	0.451224	0.887703	-1.1265	0.151633	1.26921	1.26921	0.297512	1.18246	1.18246	5.53586	2.11135	0.339018	1
cg16610917	LOC100190938;RAMP2;LOC100190938	0.0303057	0.134119	0.554201	-1.8044	0.00664215	0.276095	-3.62195	0.130864	0.551014	-1.81483	0.272939	0.659104	-1.51721	0.0102572	0.306622	-3.26134	0.0562689	0.45394	-2.20293	0.047833	0.437516	-2.28563	0.00604055	0.269737	-3.70732	0.673992	0.856772	-1.16717	4.07214	8.60885	1.87919	1
cg17558062	LOC100190939	2.50E-07	0.493591	1.0293	1.0293	3.98E-06	0.640677	-1.56085	0.000128823	0.758478	-1.31843	0.000855506	0.812165	-1.23128	0.0122304	1.13844	1.13844	0.0544916	1.09485	1.09485	7.77E-09	2.70064	2.70064	0.00113327	0.819604	-1.2201	0.859911	0.992689	-1.00736	104.335	2.85107	0.0242898	1
cg02593615	LOC100190939	0.000345246	0.000992092	0.362459	-2.75894	0.00222197	0.411086	-2.43258	0.0165093	0.54467	-1.83598	0.847126	0.960755	-1.04085	0.0017919	0.397851	-2.5135	3.16E-05	0.186005	-5.37619	0.73328	0.931507	-1.07353	0.649008	1.09971	1.09971	0.000255702	0.286737	-3.48751	15.8286	10.7867	0.605752	1
cg18883852	LOC100190939	0.00181158	0.720386	0.939939	-1.0639	2.71E-05	4.16774	4.16774	0.247297	0.811833	-1.23178	0.776932	0.952229	-1.05017	0.186457	0.785561	-1.27298	0.0919424	0.726358	-1.37673	0.642804	1.08381	1.08381	0.712363	0.938179	-1.0659	0.607133	1.09349	1.09349	9.92331	4.66726	0.418074	1
cg27155483	LOC100190939	0.00310497	0.0510806	0.825875	-1.21084	0.872702	0.986288	-1.0139	0.440396	0.934494	-1.0701	0.0265941	1.25395	1.25395	0.0709589	0.84054	-1.18971	0.465415	1.06606	1.06606	0.0185443	0.782038	-1.27871	0.0774579	1.18412	1.18412	0.000185264	0.580605	-1.72234	8.47113	0.99475	0.104381	1
cg19666287	LOC100190939	0.0327503	0.078717	8.47995	8.47995	0.333497	2.98051	2.98051	0.859943	0.824189	-1.21331	0.0884665	7.82739	7.82739	0.229012	0.251069	-3.98296	0.0858914	7.98783	7.98783	0.00874921	38.7199	38.7199	0.0075803	42.9541	42.9541	0.427453	0.411881	-2.42788	3.96084	75.1877	16.8736	1
cg27325460	LOC100190939	0.0404789	0.0575085	8.6764	8.6764	0.128712	5.21435	5.21435	0.865458	0.843193	-1.18597	0.0515655	9.28826	9.28826	0.463409	0.472052	-2.11841	0.197535	3.93544	3.93544	0.0161782	19.2781	19.2781	0.00557569	38.923	38.923	0.677103	0.65626	-1.52379	3.66701	58.7518	14.2415	1
cg02472998	LOC100190939	0.0491601	0.111294	5.39956	5.39956	0.233653	3.36654	3.36654	0.572643	0.574531	-1.74055	0.0693807	7.2054	7.2054	0.157455	0.230017	-4.34751	0.268422	3.06671	3.06671	0.0226087	14.2109	14.2109	0.0084834	26.2196	26.2196	0.811858	0.793093	-1.26089	3.41	51.0405	13.3048	1
cg10226419	LOC100190939;TPT1	0.00313622	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24576225	LOC100190939;TPT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	LOC100190939;TPT1	0.0176239	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05770837	LOC100190939;TPT1	0.024021	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22560089	LOC100190939;TPT1	0.0256089	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14131834	LOC100190939;TPT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27489994	LOC100190939;TPT1	0.0474045	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08968978	LOC100190940	5.46E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13822303	LOC100190940	0.000133133	0.639388	0.944678	-1.05856	0.776171	1.03497	1.03497	0.33979	0.888124	-1.12597	0.58097	1.06954	1.06954	0.710197	1.04604	1.04604
cg15584445	LOC100190940	0.000136586	0.0445107	0.587968	-1.70077	0.113645	0.672862	-1.48619	0.992681	0.997891	-1.00211	0.349881	0.801323	-1.24794	0.231382	0.74905	-1.33502
cg04745161	LOC100190940	0.00141717	0.369002	1.1344	1.1344	0.0833093	1.29955	1.29955	0.269279	1.17027	1.17027	0.496862	1.09887	1.09887	0.16236	1.22614	1.22614
cg02681173	LOC100190940	0.00177846	0.262726	1.37937	1.37937	0.898644	1.03572	1.03572	0.0746535	1.72796	1.72796	0.0439169	1.89233	1.89233	0.797505	1.07339	1.07339
cg24642065	LOC100190940	0.00742298	0.877773	0.984239	-1.01601	0.409577	0.916624	-1.09096	0.0106313	1.39319	1.39319	0.178243	1.15911	1.15911	0.351055	1.10415	1.10415
cg10233825	LOC100190940	0.0107805	0.92568	0.932138	-1.0728	0.17474	0.333677	-2.99691	?	?	?	?	?	?	0.132909	0.29066	-3.44045
cg07630723	LOC100190940	0.0223303	0.349931	0.699909	-1.42876	0.00675756	0.271972	-3.67684	0.441862	0.747658	-1.33751	0.614053	0.82814	-1.20753	0.0640354	0.462164	-2.16374
cg06522288	LOC100192378	1.85E-06	0.480189	0.898682	-1.11274	0.000264236	2.44012	2.44012	1.11E-05	4.02033	4.02033	0.000577599	2.20928	2.20928	0.783552	1.04184	1.04184
cg24041541	LOC100192378	0.000295863	0.851346	0.920242	-1.08667	0.473639	0.724051	-1.38112	0.00318492	5.95644	5.95644	0.421305	0.69491	-1.43904	0.569239	1.29029	1.29029
cg09938511	LOC100192378	0.000387174	0.878199	0.970252	-1.03066	0.0191887	1.74715	1.74715	0.104859	1.41767	1.41767	0.544408	0.886199	-1.12841	0.471455	1.15517	1.15517
cg22538780	LOC100192378	0.000522533	0.0168662	0.298248	-3.35291	0.000188948	13.6353	13.6353	0.436361	1.3903	1.3903	0.0971422	0.469767	-2.12872	0.0162886	0.295514	-3.38393
cg10435486	LOC100192378	0.00255086	0.00304547	0.107046	-9.34178	0.0230936	0.22415	-4.4613	0.012306	0.179779	-5.56239	0.00896409	0.160473	-6.23159	0.0449361	0.281727	-3.54953
cg15720043	LOC100192378	0.00459385	0.447395	0.810947	-1.23313	0.767938	1.08337	1.08337	0.077151	1.702	1.702	0.851165	0.95044	-1.05214	0.284346	1.35116	1.35116
cg23026675	LOC100192378	0.00518059	0.0687688	0.72988	-1.37009	0.931936	1.01329	1.01329	0.988527	0.99778	-1.00223	0.425559	1.13403	1.13403	0.179507	0.802204	-1.24657
cg14326671	LOC100192378	0.00808057	0.00601957	0.0953275	-10.4902	0.156339	2.69963	2.69963	0.963427	1.03049	1.03049	0.17956	0.393122	-2.54374	0.0519949	0.235055	-4.25432
cg19437183	LOC100192378	0.0146753	0.00694365	0.136856	-7.30692	0.926491	1.05395	1.05395	0.582259	0.72882	-1.37208	0.360134	0.585267	-1.70862	0.046836	0.273703	-3.6536
cg12811319	LOC100192378	0.0336282	0.629776	0.859912	-1.16291	0.0355757	2.13873	2.13873	0.701832	1.12697	1.12697	0.965836	0.986779	-1.0134	0.673191	1.1409	1.1409
cg07516483	LOC100192378	0.0339042	0.931259	0.958483	-1.04332	0.0407901	3.19202	3.19202	0.0539489	2.93093	2.93093	0.0736007	2.66532	2.66532	0.792129	0.878255	-1.13862
cg08780398	LOC100192378	0.0383282	0.0164652	0.238951	-4.18495	0.475837	0.701774	-1.42496	0.52854	1.36599	1.36599	0.0911453	0.402983	-2.48149	0.127447	0.447057	-2.23685
cg00178249	LOC100192378	0.0387289	0.0891881	4.4866	4.4866	0.00347524	23.9604	23.9604	0.0246917	8.5166	8.5166	0.29456	0.418692	-2.38839	0.909222	1.09565	1.09565
cg05709578	LOC100192378	0.0406438	0.00952377	0.0716912	-13.9487	0.0550224	0.174491	-5.73097	0.12216	0.260694	-3.83591	0.0517903	0.169305	-5.9065	0.0477836	0.162647	-6.14829
cg08928882	LOC100192378;ZFHX4	0.000175374	0.997091	1.00135	1.00135	0.670567	1.17181	1.17181	0.00698134	3.64348	3.64348	0.134541	0.549989	-1.81822	0.587703	0.816412	-1.22487
cg21845953	LOC100192378;ZFHX4	0.00397735	0.502657	1.2259	1.2259	0.031188	2.13193	2.13193	0.0232905	2.25186	2.25186	0.746799	0.907567	-1.10185	0.976798	1.00875	1.00875
cg10620484	LOC100192379;TMEM155	0.0480252	0.180551	2.13124	2.13124	0.198701	2.06023	2.06023	0.406013	1.57209	1.57209	0.213836	2.00685	2.00685	0.131257	2.38004	2.38004
cg12026729	LOC100192426;PTPRM;PTPRM	0.00126324	0.0357207	0.339027	-2.94962	0.330248	0.641045	-1.55995	0.0374383	0.343439	-2.91172	0.000117655	19.7685	19.7685	0.17668	0.5296	-1.88822
cg25705486	LOC100192426;PTPRM;PTPRM	0.0356237	0.0583323	0.159431	-6.27229	0.790996	1.25604	1.25604	0.778427	0.784974	-1.27393	0.0776348	5.38334	5.38334	0.0338327	0.119235	-8.38679
cg02996413	LOC100192426;PTPRM;PTPRM	0.039582	0.0220482	0.253189	-3.94962	0.916956	1.05356	1.05356	0.432193	1.49331	1.49331	0.0149325	4.46964	4.46964	0.0790724	0.377046	-2.6522
cg14579769	LOC100192426;PTPRM;PTPRM	0.0413745	0.0081733	0.307423	-3.25285	0.0160938	0.358293	-2.79101	0.0343425	0.423054	-2.36376	0.143471	0.578192	-1.72953	0.018433	0.369229	-2.70835
cg12995090	LOC100192426;PTPRM;PTPRM	0.0418527	0.0183493	0.274644	-3.64108	0.427015	0.693354	-1.44226	0.866463	1.07896	1.07896	0.132804	2.07993	2.07993	0.0293498	0.313835	-3.18639
cg03843721	LOC100192426;PTPRM;PTPRM	0.0496483	0.311326	0.777784	-1.2857	0.0115746	0.468866	-2.13281	0.0127335	0.475853	-2.10149	0.308387	0.776511	-1.28781	0.147091	0.68846	-1.45252
cg27388962	LOC100216001	0.00487014	0.02927	0.497394	-2.01048	0.202128	0.693344	-1.44228	0.0826337	0.592907	-1.6866	0.0643819	0.568321	-1.75957	0.00132901	0.281055	-3.55802
cg02414646	LOC100216001	0.0155127	0.0328838	0.300472	-3.32809	0.00580576	0.175365	-5.7024	0.0517239	0.344123	-2.90594	0.657619	0.806611	-1.23976	0.00114794	0.0999807	-10.0019
cg05177746	LOC100216001	0.0211089	0.907986	0.969287	-1.03169	0.6406	0.880857	-1.13526	0.0697064	0.578512	-1.72857	0.00353943	0.344157	-2.90565	0.00321642	0.337968	-2.95886
cg25681379	LOC100216001	0.021172	0.374399	1.20941	1.20941	0.0467554	0.62202	-1.60766	0.0433757	0.616006	-1.62336	0.356016	1.21894	1.21894	0.0167257	0.543849	-1.83875
cg03458633	LOC100216001	0.0346913	0.0559647	0.489669	-2.0422	0.0118538	0.354841	-2.81816	0.0193317	0.393398	-2.54195	0.744555	0.897786	-1.11385	0.00581699	0.303868	-3.2909
cg12359895	LOC100216001;LOC338588	0.000262977	0.00866361	0.673557	-1.48466	0.463053	1.09222	1.09222	0.372028	1.11431	1.11431	0.0141058	1.43016	1.43016	0.734044	0.960527	-1.0411
cg27512659	LOC100216001;LOC338588	0.00068422	0.00047667	0.491289	-2.03546	0.0585082	0.758063	-1.31915	0.0161057	0.682761	-1.46464	0.264416	1.16269	1.16269	2.62E-05	0.340183	-2.93959
cg00993799	LOC100216545	0.021355	0.727537	0.953005	-1.04931	0.270856	1.17089	1.17089	0.535066	1.0903	1.0903	0.024324	1.44684	1.44684	0.214696	0.835476	-1.19692
cg03569637	LOC100233209;FAM113B	0.0156304	0.71624	0.921755	-1.08489	0.495266	0.856797	-1.16714	0.133802	0.697044	-1.43463	0.321935	0.795823	-1.25656	0.0430932	0.594846	-1.68111
cg02845566	LOC100240726	0.0108202	0.350316	0.786674	-1.27117	0.71518	0.912588	-1.09578	0.00734786	0.422151	-2.36882	0.0288202	0.525501	-1.90295	0.612546	1.13595	1.13595
cg16874894	LOC100240726	0.0271918	0.979528	1.01032	1.01032	0.919237	0.960216	-1.04143	0.0141941	0.297877	-3.35709	0.00322356	0.200133	-4.99669	0.0161444	0.307854	-3.24829
cg20893714	LOC100240734;FLJ12825	7.91E-05	0.069768	0.635174	-1.57437	0.0830481	1.53649	1.53649	0.0772454	1.55215	1.55215	0.000432975	0.287788	-3.47478	0.000126601	0.224656	-4.45125
cg20309240	LOC100240734;FLJ12825	0.00195599	0.029553	0.538062	-1.85852	0.0880178	1.57682	1.57682	0.247815	1.33946	1.33946	0.462165	0.834385	-1.19849	0.00270024	0.366904	-2.72551
cg09243510	LOC100240735;FLJ12825	0.00040148	0.000360403	0.244989	-4.08181	0.00216147	0.347002	-2.88183	0.193452	0.712999	-1.40253	0.888588	1.03506	1.03506	2.76E-05	0.131264	-7.61821
cg14528339	LOC100240735;FLJ12825	0.00118452	0.521523	1.07921	1.07921	0.00469652	0.64347	-1.55407	0.00447213	0.640936	-1.56022	0.682557	1.04943	1.04943	0.000176138	0.474103	-2.10924
cg19573198	LOC100240735;FLJ12825	0.00888627	0.702119	0.917727	-1.08965	0.00558532	0.443481	-2.25489	0.218526	0.748898	-1.3353	0.465984	0.847253	-1.18028	0.00352696	0.413198	-2.42015
cg07475151	LOC100268168;LOC100268168	0.00803972	0.00317009	0.0824877	-12.123	0.266505	2.04749	2.04749	0.100196	0.327959	-3.04916	0.0521378	0.254771	-3.92509	0.00854581	0.125323	-7.9794
cg17684906	LOC100268168;LOC100268168	0.0390439	0.820919	0.935964	-1.06842	0.0351288	0.488506	-2.04706	0.545046	0.836286	-1.19576	0.169545	0.652386	-1.53283	0.0121585	0.401639	-2.4898
cg25406872	LOC100268168;LOC100268168;RPL26L1	0.0118871	0.939556	0.976906	-1.02364	0.000394035	5.69326	5.69326	0.219152	0.671566	-1.48906	0.332551	0.734934	-1.36067	0.0855634	0.556826	-1.79589
cg12936220	LOC100268168;LOC100268168;RPL26L1	0.013539	0.0446222	1.92225	1.92225	0.123928	1.60356	1.60356	0.241565	1.41542	1.41542	0.292754	0.73392	-1.36255	0.0023594	0.300507	-3.32771
cg19523118	LOC100268168;LOC100268168;RPL26L1	0.0201366	0.87887	0.947124	-1.05583	0.00542039	3.68264	3.68264	0.356349	0.71324	-1.40205	0.420806	0.746051	-1.34039	0.950006	0.977912	-1.02259
cg03993376	LOC100268168;RPL26L1;LOC100268168	?	?	?	?	?	?	?	?	0.717704	-1.39333	?	0.242329	-4.12663	?	?	?
cg18278486	LOC100270746;C6orf41	0.0152124	0.0802338	1.40559	1.40559	0.0017113	0.455902	-2.19345	0.584027	1.10186	1.10186	0.0050726	1.91542	1.91542	0.455024	1.14281	1.14281
cg11369071	LOC100270746;C6orf41	0.0164324	0.298284	0.811108	-1.23288	0.038215	0.627244	-1.59428	0.00164043	0.416643	-2.40014	0.459994	0.864094	-1.15728	0.193008	0.76529	-1.30669
cg04020984	LOC100270746;C6orf41	0.0389221	0.777179	0.93347	-1.07127	0.520292	0.853736	-1.17132	0.0243829	0.521559	-1.91733	0.544826	0.861817	-1.16034	0.892386	0.967689	-1.03339
cg16981027	LOC100271715	0.000799793	0.000149287	0.178081	-5.61541	0.0137238	0.446179	-2.24125	0.00385793	0.356607	-2.8042	0.809432	1.06608	1.06608	0.000842939	0.264571	-3.7797
cg00101555	LOC100271715	0.00230812	0.00755504	0.53438	-1.87133	0.644943	0.918876	-1.08829	0.122734	0.737177	-1.35653	0.0360058	1.56007	1.56007	0.000116613	0.292012	-3.42452
cg00391067	LOC100271715	0.00259437	0.226751	0.736781	-1.35726	0.00514771	0.410947	-2.43341	0.000373608	0.254179	-3.93424	0.0230248	0.519789	-1.92386	0.000578051	0.277595	-3.60237
cg03184472	LOC100271715	0.0246921	0.0627855	0.562236	-1.77861	0.60165	1.15589	1.15589	0.154166	0.657331	-1.5213	0.334225	0.760386	-1.31512	0.000564317	0.229934	-4.34907
cg00720375	LOC100271715	0.0251697	0.0589741	0.548116	-1.82443	0.418893	0.792247	-1.26223	0.0196352	0.451663	-2.21404	0.0817094	0.580446	-1.72281	0.269117	0.72289	-1.38334
cg17165695	LOC100271715;LOC375196	0.0280315	0.0273992	4.84886	4.84886	0.0380139	4.28544	4.28544	0.148911	2.55111	2.55111	0.0847458	3.16893	3.16893	0.0211894	5.34629	5.34629
cg26807536	LOC100271831;GDPD3	0.00151079	0.0696837	0.65964	-1.51598	0.223342	0.769207	-1.30004	0.000346012	0.307076	-3.25652	0.00232794	0.418124	-2.39164	0.495886	0.867789	-1.15235
cg09980626	LOC100271831;GDPD3	0.00162515	0.288814	0.886598	-1.12791	0.00212102	0.62366	-1.60344	0.0162222	0.725138	-1.37905	0.0759238	0.80581	-1.24099	0.00139658	0.602856	-1.65877
cg13543096	LOC100271831;GDPD3	0.0213206	0.298068	0.799871	-1.2502	0.00151256	0.388293	-2.57538	0.666502	1.09391	1.09391	0.835627	1.04395	1.04395	0.510944	1.14801	1.14801
cg27315805	LOC100271832;LOC285045	0.048163	0.511021	0.727432	-1.3747	0.935445	0.962068	-1.03943	0.0978329	0.420221	-2.3797	0.734627	1.17635	1.17635	0.00324243	0.147101	-6.79803
cg08270434	LOC100271836	0.0189075	0.82499	1.04877	1.04877	0.00186402	2.58307	2.58307	0.123504	1.43143	1.43143	0.108748	1.45656	1.45656	0.465495	1.17314	1.17314
cg05515414	LOC100271836	0.02962	0.0199856	0.492542	-2.03028	0.444906	0.821668	-1.21704	0.882484	1.03801	1.03801	0.533662	0.853	-1.17233	0.00184045	0.327692	-3.05164
cg12963237	LOC100272146;C17orf57	0.0014659	0.00115739	0.449502	-2.22468	0.185292	0.79031	-1.26533	0.0030789	0.50725	-1.97141	0.0811881	0.723339	-1.38248	0.000930467	0.436914	-2.28878
cg15066416	LOC100272146;C17orf57	0.0380079	0.31013	0.599753	-1.66735	0.00134996	0.103705	-9.64278	0.155186	0.476888	-2.09693	0.460902	1.44112	1.44112	0.893855	1.06714	1.06714
cg14533644	LOC100272217	0.0143916	0.00952799	0.0899019	-11.1232	0.0431712	0.181487	-5.51004	0.282137	0.440456	-2.27037	0.0600778	0.210978	-4.73983	0.00385662	0.0574776	-17.3981
cg13547551	LOC100272217;FUBP3	0.0167691	0.91355	0.988423	-1.01171	0.0193756	1.35417	1.35417	0.00417326	1.5093	1.5093	0.357133	1.10689	1.10689	0.425411	1.0912	1.0912
cg00571819	LOC100272217;FUBP3	0.0408056	0.0641349	0.396	-2.52525	0.43078	0.699022	-1.43057	0.695921	0.839546	-1.19112	0.840204	0.914026	-1.09406	0.0824455	0.424619	-2.35505
cg22685226	LOC100286793;FLJ39739	0.0274649	0.845067	1.06163	1.06163	0.285252	1.4039	1.4039	0.143511	1.61682	1.61682	0.0896354	0.56442	-1.77173	0.284151	0.711706	-1.40508
cg09260514	LOC100286844;LOC100286844;LOC100286844	0.00595099	0.202545	0.611649	-1.63493	0.150345	0.569298	-1.75655	0.40287	0.731394	-1.36725	0.45739	0.75841	-1.31855	0.000240546	0.108563	-9.21128
cg08947187	LOC100286844;NCKAP5L;LOC100286844;LOC100286844	0.000630452	0.141812	0.701576	-1.42536	0.000663963	0.310554	-3.22006	0.000122562	0.222231	-4.49982	0.78526	0.940558	-1.0632	0.000414333	0.284474	-3.51526
cg02895319	LOC100286844;NCKAP5L;LOC100286844;LOC100286844	0.0275839	0.754316	0.93482	-1.06972	0.408153	1.19918	1.19918	0.902494	1.02666	1.02666	0.00522454	2.20578	2.20578	0.999495	1.00014	1.00014
cg00760992	LOC100286844;NCKAP5L;LOC100286844;LOC100286844	0.0317737	0.0328284	0.487936	-2.04945	0.0619407	0.546532	-1.82972	0.0100817	0.393289	-2.54266	0.353841	1.31545	1.31545	0.00782289	0.374877	-2.66754
cg01354921	LOC100286844;NCKAP5L;LOC100286844;LOC100286844	0.0329017	0.910871	1.01794	1.01794	0.364034	1.15962	1.15962	0.0279115	1.51052	1.51052	0.635293	1.07881	1.07881	0.425613	0.878826	-1.13788
cg20288107	LOC100286938;VPS13A;VPS13A;VPS13A;VPS13A	0.0445539	0.253819	0.903118	-1.10727	0.417642	0.931622	-1.0734	0.641443	1.04092	1.04092	0.266935	0.905831	-1.10396	0.624779	0.958725	-1.04305
cg12932211	LOC100286948;TIMD4;TIMD4	0.000324297	0.00405839	0.572121	-1.74788	0.00906523	0.618782	-1.61608	0.015781	0.65175	-1.53433	0.0114444	0.63255	-1.5809	0.728931	0.950894	-1.05164
cg07755752	LOC100286948;TIMD4;TIMD4	0.00787602	0.0534882	0.461194	-2.16828	0.843312	1.07233	1.07233	0.00189824	0.211627	-4.72529	0.0391289	0.430656	-2.32204	0.0249645	0.390078	-2.56359
cg05482306	LOC100286948;TIMD4;TIMD4	0.0163419	0.704718	1.11176	1.11176	0.00792877	0.387743	-2.57903	0.0153909	0.437146	-2.28756	0.622806	1.14793	1.14793	0.59917	1.15903	1.15903
cg09392940	LOC100287216;SH3RF3	0.00148453	0.679672	0.90979	-1.09915	0.0104021	2.08476	2.08476	0.00445771	2.37198	2.37198	0.161336	1.40578	1.40578	0.00586501	0.439929	-2.2731
cg25308803	LOC100287216;SH3RF3	0.00162275	0.00275033	0.367195	-2.72335	0.00128998	0.320712	-3.11806	0.111921	0.657219	-1.52156	0.386724	1.24004	1.24004	0.000270074	0.234936	-4.25648
cg27005794	LOC100287216;SH3RF3	0.00261088	0.704472	0.962344	-1.03913	0.0019577	1.55424	1.55424	0.0157045	1.34749	1.34749	0.768859	1.03013	1.03013	0.507848	1.07001	1.07001
cg03846641	LOC100287216;SH3RF3	0.00261195	0.0176565	0.418335	-2.39043	0.00053078	0.196139	-5.09842	0.0859066	0.563811	-1.77364	0.387477	1.30663	1.30663	0.00108803	0.233276	-4.28676
cg07548255	LOC100287216;SH3RF3	0.00539089	0.0127169	0.469441	-2.13019	0.00294614	0.36892	-2.71061	0.0248135	0.520745	-1.92033	0.291305	1.30662	1.30662	0.00241656	0.356356	-2.80618
cg02713669	LOC100287216;SH3RF3	0.00881147	?	?	?	0.0692971	0.426504	-2.34464	0.753028	0.876025	-1.14152	0.00507235	4.72809	4.72809	0.0724866	0.431551	-2.31722
cg04286823	LOC100287216;SH3RF3	0.0133658	0.0420323	0.439	-2.27791	0.0108841	0.325177	-3.07525	0.47517	0.774782	-1.29069	0.426949	0.751995	-1.3298	0.00444384	0.263504	-3.79501
cg06693578	LOC100287718	4.60E-06	0.000153219	0.535803	-1.86636	0.000134418	0.52946	-1.88872	4.41E-06	0.361841	-2.76365	0.00361313	0.684766	-1.46035	9.52E-08	0.187808	-5.3246
cg10669279	LOC100287718	0.00200583	0.00194565	0.33619	-2.9745	0.331673	1.28289	1.28289	0.585761	0.872074	-1.14669	0.000730708	0.278849	-3.58617	0.783226	1.071	1.071
cg09453425	LOC100287718	0.00713001	0.0215868	0.430981	-2.32029	0.222894	0.676579	-1.47802	0.00106525	0.22865	-4.37349	0.00495689	0.321437	-3.11103	0.00344506	0.297666	-3.35947
cg03899914	LOC100287718	0.0128713	0.150676	0.612184	-1.6335	0.303183	1.40463	1.40463	0.00531043	0.310259	-3.22312	0.0310706	0.446503	-2.23963	0.00390022	0.289984	-3.44847
cg15858970	LOC100287718	0.0469266	0.519013	0.822068	-1.21644	0.0629592	0.534216	-1.8719	0.0101769	0.3786	-2.64131	0.0088375	0.368255	-2.71551	0.302352	0.725982	-1.37745
cg02643647	LOC100287834;LOC100287704	0.0468174	0.0925022	0.328005	-3.04873	0.0780974	0.307706	-3.24986	0.13535	0.379412	-2.63565	0.396504	0.592878	-1.68669	0.00266307	0.0819546	-12.2019
cg06477715	LOC100288730;PAN3;PAN3	0.0135498	0.193841	0.775885	-1.28885	0.108717	1.38116	1.38116	0.145684	1.33422	1.33422	0.0865405	1.41831	1.41831	0.331603	0.831192	-1.20309
cg00178356	LOC100288730;PAN3;PAN3	0.0300489	0.00472562	0.444941	-2.24749	0.95106	1.01333	1.01333	0.348491	1.23153	1.23153	0.641247	1.10655	1.10655	0.0786698	1.52407	1.52407
cg01074413	LOC100288797	0.00197711	0.868242	0.954581	-1.04758	0.00215191	0.299298	-3.34115	0.0326619	0.496664	-2.01344	0.000593553	0.226585	-4.41336	0.000714893	0.236367	-4.23071
cg27609986	LOC100288797	0.013789	0.134133	1.35901	1.35901	0.302094	1.22508	1.22508	0.00367531	0.474391	-2.10796	0.188611	1.30279	1.30279	0.076043	0.687369	-1.45482
cg01000812	LOC100288797	0.0235201	0.139988	0.46664	-2.14298	0.0669931	0.373238	-2.67925	0.0409971	0.322389	-3.10185	0.0895443	0.407185	-2.45589	0.0457875	0.333187	-3.00132
cg18164281	LOC100288797	0.0328558	0.127987	0.441666	-2.26416	0.202205	0.512375	-1.9517	0.0345769	0.294109	-3.4001	0.294062	0.582468	-1.71683	0.16094	0.475377	-2.1036
cg14834078	LOC100288797	0.0342055	0.275663	0.526408	-1.89967	0.17773	0.444663	-2.24889	0.0246772	0.220109	-4.5432	0.436053	0.637869	-1.56772	0.0267475	0.226489	-4.41523
cg21828173	LOC100288797;LOC100288797	0.000220998	0.228467	0.761615	-1.313	0.701001	1.08667	1.08667	0.97646	1.00638	1.00638	0.524312	1.14914	1.14914	0.255943	0.774538	-1.29109
cg03261004	LOC100289341;MAN1B1	0.000196813	8.34E-05	0.236053	-4.23634	0.524474	1.14052	1.14052	0.285893	1.2535	1.2535	5.36E-05	0.215219	-4.64642	0.259333	0.786714	-1.27111
cg14395844	LOC100289341;MAN1B1	0.000703988	0.00531326	0.3367	-2.97	4.52E-05	0.101598	-9.8427	0.00106772	0.238606	-4.191	0.0174681	0.424273	-2.35697	0.000509231	0.200088	-4.99781
cg03717367	LOC100289341;MAN1B1	0.0109275	0.670017	0.883945	-1.13129	0.195705	0.67449	-1.4826	0.620466	0.866185	-1.15449	0.0451436	0.516084	-1.93767	0.000473643	0.205993	-4.85453
cg04193309	LOC100289341;MAN1B1	0.0266031	0.0489086	1.22237	1.22237	0.241508	0.896311	-1.11568	0.67571	0.963132	-1.03828	0.055775	0.824064	-1.2135	0.00394414	1.41377	1.41377
cg15548566	LOC100289673	3.48E-05	0.074596	1.13817	1.13817	1.49E-05	1.79588	1.79588	0.000226478	0.670663	-1.49106	0.010728	1.23235	1.23235	0.0120078	1.2265	1.2265
cg16368921	LOC100289673	0.000700487	0.674264	0.959843	-1.04184	0.0821408	1.2053	1.2053	0.000166639	0.537035	-1.86207	0.912785	0.989434	-1.01068	0.00515714	1.43061	1.43061
cg01547793	LOC100289673	0.00388011	0.000114533	0.28555	-3.50202	0.94611	1.0126	1.0126	0.0231434	0.60483	-1.65336	0.568777	0.89884	-1.11255	0.0114631	0.556681	-1.79636
cg18369327	LOC100289673	0.00566552	0.596651	0.908508	-1.10071	0.00059599	2.59113	2.59113	0.719211	0.9372	-1.06701	0.7459	1.06015	1.06015	0.150303	0.758044	-1.31918
cg00230120	LOC100292680	0.00446052	0.240116	2.0107	2.0107	0.000146023	40.9262	40.9262	0.00177524	12.5187	12.5187	0.310009	0.550693	-1.81589	0.328092	1.77405	1.77405
cg26871875	LOC100292680	0.0380507	0.0636043	0.71006	-1.40833	0.00456656	1.85906	1.85906	0.320496	0.844905	-1.18356	0.0787578	0.725764	-1.37786	0.711013	0.940729	-1.063
cg26091183	LOC100294362	0.0127687	0.0181674	0.0792486	-12.6185	0.00496376	0.0373399	-26.781	0.0342832	0.112722	-8.87137	0.134788	0.240487	-4.15824	0.0130185	0.065653	-15.2316
cg02367992	LOC100294362	0.0311334	0.0325796	0.0560622	-17.8373	0.0206066	0.0402735	-24.8303	0.0544417	0.0809681	-12.3505	0.182188	0.195735	-5.10895	0.0108022	0.0250156	-39.9751
cg13537940	LOC100294362	0.0365238	0.0128681	0.255641	-3.91174	0.0617561	0.394908	-2.53224	0.181975	0.534923	-1.86943	0.398437	0.682635	-1.46491	0.00650455	0.209748	-4.76762
cg00350362	LOC100294362	0.0439536	0.00657593	0.382711	-2.61294	0.0653008	0.569443	-1.7561	0.534575	0.842685	-1.18668	0.935213	1.02237	1.02237	0.00383841	0.346289	-2.88776
cg24367628	LOC100302401;RASAL2	0.000951571	0.00233755	0.688819	-1.45176	0.00543627	0.72786	-1.37389	0.0238572	0.794281	-1.259	0.460828	1.06452	1.06452	0.0132114	0.767927	-1.30221
cg00112588	LOC100302401;RASAL2	0.00702267	0.0223866	0.488683	-2.04632	0.168619	0.68122	-1.46795	0.24923	0.729681	-1.37046	0.614015	0.875392	-1.14235	0.00469323	0.374036	-2.67354
cg15007813	LOC100302401;RASAL2	0.00711414	0.0144739	0.315467	-3.1699	0.0106947	0.292734	-3.41607	0.00189539	0.185361	-5.39489	0.436174	0.737732	-1.35551	0.00467363	0.236925	-4.22074
cg20013855	LOC100302401;RASAL2	0.0096566	0.00353462	0.494621	-2.02175	0.0470092	1.49886	1.49886	0.016313	1.68672	1.68672	0.241308	0.803842	-1.24403	0.0788217	0.706483	-1.41546
cg24972816	LOC100302640	0.00306702	0.111857	0.817998	-1.2225	0.000406692	0.521057	-1.91918	0.00122791	0.577789	-1.73074	0.0217664	0.726484	-1.37649	0.305735	1.13094	1.13094
cg03071146	LOC100302652;ASB3;ASB3	0.000544628	0.000296615	0.117106	-8.53929	0.351891	1.41734	1.41734	0.588668	0.81974	-1.2199	0.0326886	2.48405	2.48405	0.00010244	0.0817756	-12.2286
cg14892517	LOC100302652;ASB3;ASB3	0.00336903	0.386381	0.77384	-1.29226	0.0458764	0.516442	-1.93633	0.0575288	0.537832	-1.85932	0.562988	1.18395	1.18395	4.92E-05	0.11057	-9.04402
cg03322619	LOC100302652;ASB3;ASB3;ASB3;ERLEC1;ASB3;ERLEC1;ERLEC1	0.00266255	0.327614	0.824373	-1.21304	0.00316803	0.446198	-2.24116	0.0014236	2.54259	2.54259	0.00639063	0.494408	-2.02262	0.013203	0.546178	-1.83091
cg02079951	LOC100302652;ASB3;ASB3;ASB3;ERLEC1;ASB3;ERLEC1;ERLEC1	0.0158714	0.408912	1.12808	1.12808	0.624827	0.932091	-1.07286	0.00337368	0.566139	-1.76635	0.565498	0.920447	-1.08643	0.407287	0.886074	-1.12857
cg25338531	LOC100302652;ASB3;ASB3;CHAC2	0.00669517	0.0312772	0.457081	-2.18779	0.31358	1.38117	1.38117	0.79332	0.921866	-1.08476	0.797646	0.923479	-1.08286	0.001668	0.248284	-4.02764
cg03289130	LOC100302652;ASB3;CHAC2;ASB3	6.93E-06	0.6881	1.04056	1.04056	0.00210179	1.53149	1.53149	0.000511196	1.70683	1.70683	0.00848379	0.718159	-1.39245	9.55E-05	0.504375	-1.98265
cg20426524	LOC100302652;ASB3;CHAC2;ASB3	0.0480464	0.562861	1.18703	1.18703	0.643561	0.872343	-1.14634	0.083224	1.75433	1.75433	0.03593	0.489066	-2.04472	0.0254436	2.17801	2.17801

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13822303	0.418401	0.905094	-1.10486	0.106434	0.808481	-1.23689	1.65E-06	4.26866	4.26866	0.00380849	1.60094	1.60094	20.5049	4.72286	0.204736	1
cg15584445	0.238525	0.752647	-1.32864	0.219805	0.743053	-1.3458	1.81E-06	15.458	15.458	0.976039	0.993111	-1.00694	20.3642	17.0879	0.745877	1
cg04745161	0.331348	0.871987	-1.14681	0.734134	0.954477	-1.04769	1.50E-05	3.41046	3.41046	0.0470439	1.3643	1.3643	10.6522	3.15131	0.262967	1
cg02681173	0.00958386	2.46804	2.46804	0.333519	0.759765	-1.3162	2.67E-05	9.83293	9.83293	0.128406	1.5725	1.5725	9.97655	11.9873	1.06804	1
cg24642065	0.243636	1.13421	1.13421	0.0513577	0.795326	-1.25735	0.000325658	1.82154	1.82154	0.232962	1.13781	1.13781	6.49497	1.09613	0.150014	1
cg10233825	?	?	?	?	?	?	0.0015289	38.4398	38.4398	0.141039	3.33966	3.33966	7.26021	35.4749	6.8407	1
cg07630723	0.113284	0.527772	-1.89476	0.0437303	0.42329	-2.36245	0.00748478	3.58511	3.58511	0.541007	0.794941	-1.25795	4.5307	9.86798	1.93602	1
cg06522288	0.791442	0.961319	-1.04024	0.0265194	0.67607	-1.47914	3.21E-08	19.5703	19.5703	0.102871	1.30423	1.30423	62.6482	21.9835	0.311914	1
cg24041541	0.0100521	4.21812	4.21812	0.351843	1.52883	1.52883	4.09E-06	113.678	113.678	0.0777388	2.38352	2.38352	16.5128	51.3372	2.7635	1
cg09938511	0.621055	1.10311	1.10311	0.734448	0.935151	-1.06935	3.96E-06	8.26698	8.26698	0.0216109	1.72151	1.72151	15.3373	9.41949	0.545914	1
cg22538780	0.0604312	2.40766	2.40766	0.00255704	5.67613	5.67613	0.00449381	4.81547	4.81547	0.00670848	0.232456	-4.30189	14.1167	38.5014	2.42432	1
cg10435486	0.00474862	0.126922	-7.87883	0.000220405	0.0337636	-29.6177	0.0068562	0.145526	-6.87164	0.00591741	0.137817	-7.25599	8.97864	43.0884	4.26577	1
cg15720043	0.00198183	0.306567	-3.26193	0.356315	0.773565	-1.29272	0.000396949	4.59971	4.59971	0.596377	1.15563	1.15563	7.53039	8.73395	1.03096	1
cg23026675	0.140893	0.782842	-1.2774	0.169825	0.797689	-1.25362	0.000162609	2.70404	2.70404	0.130687	1.28699	1.28699	7.25945	2.74742	0.33641	1
cg14326671	0.30838	0.501319	-1.99474	0.000685945	0.0335039	-29.8473	0.0219042	0.16512	-6.05621	0.024846	0.173913	-5.75	6.32417	42.9643	6.03882	1
cg19437183	0.242149	0.49807	-2.00775	0.000966392	0.0609735	-16.4006	0.0771601	0.326643	-3.06144	0.00959128	0.154547	-6.47051	5.21829	26.7934	4.56401	1
cg12811319	0.754412	1.10242	1.10242	0.00372453	0.296005	-3.37832	0.0405332	2.08549	2.08549	0.159506	0.626813	-1.59537	3.92335	5.9995	1.35927	1
cg07516483	0.601802	1.29532	1.29532	0.934614	0.960474	-1.04115	0.00118664	10.3448	10.3448	0.335977	1.62843	1.62843	3.91182	14.966	3.40076	1
cg08780398	0.502203	0.717023	-1.39466	0.00280906	0.133883	-7.46922	0.461364	0.693311	-1.44235	0.0278649	0.280993	-3.55881	3.74134	14.1367	3.35868	1
cg00178249	0.45121	0.540773	-1.84921	0.503085	1.72332	1.72332	0.0514892	5.90245	5.90245	0.998622	1.00138	1.00138	3.72711	37.8594	9.02919	1
cg05709578	0.0592331	0.181026	-5.52408	0.00633099	0.0576913	-17.3336	0.101908	0.237697	-4.20703	0.085985	0.218155	-4.58389	3.66152	37.3438	9.06576	1
cg08928882	0.278163	1.51869	1.51869	?	?	?	2.81E-06	64.0126	64.0126	0.0440499	2.35686	2.35686	19.516	37.7225	1.9329	1
cg21845953	0.480416	0.806742	-1.23955	0.963065	1.01396	1.01396	8.49E-05	8.28774	8.28774	0.0250239	2.22167	2.22167	7.86594	11.1667	1.26189	1
cg10620484	0.163903	2.20463	2.20463	0.00182835	10.5563	10.5563	0.0453731	3.39246	3.39246	0.0258507	4.08822	4.08822	3.44029	15.4318	3.9872	1
cg12026729	0.0176324	3.58878	3.58878	0.0409773	0.35208	-2.84026	0.0324944	0.330295	-3.0276	0.0607476	0.392323	-2.54892	11.009	34.1533	2.75759	1
cg25705486	0.413538	2.04923	2.04923	0.0224582	0.09568	-10.4515	0.0181803	0.0853214	-11.7204	0.127709	0.243287	-4.11037	3.84246	44.8291	10.3705	1
cg02996413	0.777273	1.15243	1.15243	0.0446196	0.315543	-3.16914	0.923002	0.952789	-1.04955	0.113256	0.422233	-2.36836	3.6974	14.6545	3.52307	1
cg14579769	0.116224	0.551616	-1.81286	0.116771	0.552191	-1.81097	0.0692489	0.49246	-2.03062	0.0447934	0.448119	-2.23155	3.63749	6.99652	1.70973	1
cg12995090	0.621545	0.79876	-1.25194	0.453641	1.41155	1.41155	0.00900858	0.223266	-4.47896	0.178252	0.524205	-1.90765	3.62204	11.6965	2.87046	1
cg03843721	0.76472	1.07467	1.07467	0.188051	1.39747	1.39747	0.202551	0.724135	-1.38096	0.0380935	0.561712	-1.78027	3.39723	3.09706	0.810349	1
cg27388962	0.427375	1.24653	1.24653	0.000569734	0.234291	-4.2682	0.00489267	0.362707	-2.75705	0.0715737	0.578607	-1.72829	7.39774	8.66399	1.04104	1
cg02414646	0.0704166	0.377449	-2.64936	0.0247067	0.275678	-3.62742	0.982062	1.01089	1.01089	0.215935	0.533944	-1.87286	5.12335	18.8372	3.26821	1
cg05177746	0.0176431	0.458924	-2.17901	0.169524	0.673793	-1.48413	0.118262	0.632806	-1.58026	0.0379154	0.52236	-1.91439	4.61886	5.32512	1.02481	1
cg25681379	0.151978	1.3772	1.3772	0.056347	0.637234	-1.56928	0.0200405	1.7953	1.7953	0.62349	0.901963	-1.10869	4.61416	3.17802	0.612225	1
cg03458633	0.179036	0.624526	-1.60121	0.0348997	0.444507	-2.24968	0.661263	0.864666	-1.15652	0.0561571	0.490013	-2.04076	3.87954	6.68277	1.53117	1
cg12359895	9.66E-05	2.26826	2.26826	6.17E-05	2.39325	2.39325	0.0854725	0.798907	-1.25171	0.0202413	0.718458	-1.39187	17.053	3.76685	0.196347	1
cg27512659	0.320186	0.875368	-1.14238	0.0044697	0.611814	-1.63448	0.201506	0.839632	-1.191	0.01779	0.688383	-1.45268	13.0943	3.48261	0.236412	1
cg00993799	0.015209	0.663457	-1.50726	0.0117528	0.648491	-1.54204	0.0676472	1.32542	1.32542	0.222141	0.838135	-1.19313	4.6006	1.37994	0.266621	1
cg03569637	0.438566	1.19285	1.19285	0.00332524	2.44039	2.44039	0.121461	0.687469	-1.45461	0.0071864	0.46094	-2.16948	5.11052	4.03198	0.701295	1
cg02845566	0.000328479	0.235021	-4.25494	0.212876	0.720766	-1.38741	0.977993	0.993139	-1.00691	0.282611	0.756795	-1.32136	5.76303	5.68585	0.876984	1
cg16874894	0.695489	0.854314	-1.17053	0.406767	1.40453	1.40453	0.561736	1.26471	1.26471	0.0849671	0.466525	-2.14351	4.23114	10.7368	2.25563	1
cg20893714	0.00965602	2.08124	2.08124	0.000296572	0.267554	-3.73756	2.14E-05	0.147526	-6.77847	0.791567	0.942445	-1.06107	23.5669	18.695	0.705133	1
cg20309240	0.892241	0.967745	-1.03333	0.0287846	1.86594	1.86594	0.00331524	0.380055	-2.6312	0.000538885	0.271986	-3.67666	9.70458	8.99361	0.823768	1
cg09243510	0.000711658	0.281566	-3.55157	0.211594	0.723608	-1.38196	0.665243	1.11295	1.11295	0.00614038	0.415232	-2.40829	15.1847	14.533	0.85074	1
cg14528339	0.247796	0.867818	-1.15232	0.000295138	0.500712	-1.99716	0.505217	1.08256	1.08256	0.0576248	0.777317	-1.28648	11.2133	2.445	0.193818	1
cg19573198	0.876384	1.03539	1.03539	0.000909387	0.330121	-3.02919	0.244618	1.31251	1.31251	0.228145	0.753811	-1.32659	6.13708	4.85176	0.702725	1
cg07475151	0.325587	0.533498	-1.87442	0.00171834	0.0626889	-15.9518	0.0375054	0.224464	-4.45506	0.0136652	0.151391	-6.6054	6.33427	38.4376	5.39395	1
cg17684906	0.0991774	0.590021	-1.69485	0.00237113	0.290217	-3.4457	0.230652	0.69278	-1.44346	0.111155	0.602576	-1.65954	3.71605	5.01415	1.1994	1
cg25406872	0.4236	0.777401	-1.28634	0.945553	1.02127	1.02127	0.0716845	1.85817	1.85817	0.895285	0.96024	-1.04141	5.59061	8.40469	1.33632	1
cg12936220	0.500844	0.823943	-1.21368	0.0122113	0.412727	-2.42291	0.714196	0.901001	-1.10988	0.173572	1.50737	1.50737	5.35845	6.8172	1.13088	1
cg19523118	0.361422	0.715918	-1.39681	0.00162392	0.200123	-4.99693	0.723319	1.13499	1.13499	0.786134	0.907664	-1.10173	4.69369	9.43268	1.78636	1
cg03993376	?	1.18523	1.18523	?	?	?	?	0.0611651	-16.3492	?	0.618197	-1.61761	?	13.0281	5.68E-14	1
cg18278486	0.463649	1.13981	1.13981	0.955161	0.990184	-1.00991	0.361986	1.17866	1.17866	0.701843	0.934745	-1.06981	5.15665	2.51349	0.433268	1
cg11369071	0.534806	0.885097	-1.12982	0.0282564	1.65361	1.65361	0.0827442	1.45222	1.45222	0.636835	0.911789	-1.09674	5.02616	3.00145	0.530813	1
cg04020984	0.77908	1.07062	1.07062	0.0033555	2.63373	2.63373	0.06315	1.66054	1.66054	0.871334	0.961431	-1.04012	3.72031	3.46933	0.828922	1
cg16981027	0.490109	0.830552	-1.20402	0.000213233	0.194331	-5.14585	0.90645	1.03163	1.03163	0.0274405	0.501148	-1.99542	12.533	13.923	0.98747	1
cg00101555	0.0892405	0.710563	-1.40734	0.306536	1.21291	1.21291	0.0870789	0.708572	-1.41129	0.0132147	0.571182	-1.75075	9.24643	4.86872	0.468046	1
cg00391067	0.640347	0.892921	-1.11992	0.179351	1.40958	1.40958	0.499729	0.847981	-1.17927	0.0337066	0.55049	-1.81656	8.934	8.19701	0.815562	1
cg03184472	0.722181	1.10317	1.10317	0.62627	1.14452	1.14452	0.473656	0.818369	-1.22194	0.147115	0.651861	-1.53407	4.37604	5.24306	1.065	1
cg00720375	0.121642	0.623053	-1.605	0.00440326	2.92096	2.92096	0.473804	0.814319	-1.22802	0.3189	0.747936	-1.33701	4.34699	5.47306	1.11915	1
cg17165695	0.029084	4.74063	4.74063	0.00439844	9.97968	9.97968	0.0192086	5.55065	5.55065	0.0484762	3.91123	3.91123	4.18612	24.2675	5.153	1
cg26807536	0.00473271	0.463229	-2.15876	0.00015357	0.264283	-3.78382	0.891562	1.02837	1.02837	0.101928	0.692694	-1.44364	10.458	6.96667	0.592141	1
cg09980626	0.0126016	0.712417	-1.40367	0.000536692	0.555034	-1.80169	0.0131467	1.39949	1.39949	0.0910138	0.815874	-1.22568	10.2402	1.93786	0.168214	1
cg13543096	0.272734	0.789528	-1.26658	0.00470952	0.459567	-2.17596	0.711869	1.07983	1.07983	0.111645	0.698594	-1.43145	4.60314	3.1244	0.603337	1
cg27315805	0.137598	0.466117	-2.14539	0.752634	1.16292	1.16292	0.0110421	0.21835	-4.5798	0.752271	0.859708	-1.16319	3.43656	12.4028	3.20807	1
cg08270434	0.904808	1.02605	1.02605	0.609527	0.895167	-1.11711	0.00426144	2.27548	2.27548	0.0176045	1.86064	1.86064	4.79497	3.51	0.650682	1
cg05515414	0.348424	0.783898	-1.27568	0.0136884	0.463489	-2.15755	0.585149	0.870202	-1.14916	0.0439396	0.557689	-1.79312	4.10536	4.13611	0.895546	1
cg12963237	0.0014367	0.462076	-2.16415	0.00215289	0.485881	-2.05812	0.00062864	0.414561	-2.41219	0.0173428	0.615424	-1.6249	10.5492	4.68905	0.395107	1
cg15066416	0.0484196	0.333637	-2.99727	0.486741	1.41057	1.41057	0.569453	1.32295	1.32295	0.939405	0.963668	-1.0377	3.75285	14.0841	3.33592	1
cg14533644	0.376022	0.513512	-1.94738	0.00202704	0.0410462	-24.3628	0.0282363	0.149488	-6.6895	0.0385019	0.17226	-5.80518	5.25199	44.7667	7.57668	1
cg13547551	0.132401	0.840194	-1.1902	0.166432	0.853663	-1.17142	0.194734	1.15846	1.15846	0.00621786	1.46593	1.46593	4.99225	0.90917	0.161881	1
cg00571819	0.0405856	0.34892	-2.86599	0.0046946	0.187638	-5.32942	0.00773885	0.218009	-4.58697	0.112857	0.463732	-2.15642	3.65615	11.4811	2.7913	1
cg22685226	0.534345	0.825013	-1.2121	0.965455	1.01333	1.01333	0.00397133	3.26699	3.26699	0.0101986	2.69158	2.69158	4.21631	6.2388	1.31527	1
cg09260514	0.0214126	0.364197	-2.74577	0.00229526	0.210703	-4.74602	0.851572	0.933845	-1.07084	0.0169084	0.34483	-2.89998	6.95675	14.7106	1.87963	1
cg08947187	0.564619	0.87752	-1.13958	0.000414639	0.284514	-3.51476	0.989132	0.996948	-1.00306	0.0113105	0.490788	-2.03754	13.3975	10.683	0.708787	1
cg02895319	0.804451	1.0547	1.0547	0.00400524	0.435927	-2.29396	0.485311	1.16443	1.16443	0.133144	1.41601	1.41601	4.20991	3.07332	0.648907	1
cg00760992	0.0630476	0.548265	-1.82393	0.0662302	0.553116	-1.80794	0.876209	1.04582	1.04582	0.263346	0.715233	-1.39814	4.00403	5.23874	1.16299	1
cg01354921	0.733151	1.05584	1.05584	0.278262	0.836108	-1.19602	0.00244989	0.512135	-1.95261	0.108037	0.757002	-1.321	3.95429	1.57861	0.354857	1
cg20288107	0.00133481	0.671105	-1.49008	0.104073	0.859019	-1.16412	0.39221	0.927783	-1.07784	0.186653	1.12716	1.12716	3.53869	0.409816	0.102942	1
cg12932211	0.0402504	0.709647	-1.40915	0.757358	0.956138	-1.04587	1.59E-05	0.275525	-3.62944	7.89E-05	0.355973	-2.8092	16.1029	5.34247	0.294908	1
cg07755752	0.838025	1.0749	1.0749	0.102591	1.8782	1.8782	0.00877379	0.307928	-3.24751	0.00769598	0.298661	-3.34827	6.37539	12.5736	1.75307	1
cg05482306	0.204117	1.45197	1.45197	0.192958	1.46724	1.46724	0.0179013	0.449007	-2.22714	0.0152026	0.436191	-2.29257	5.03542	6.175	1.09006	1
cg09392940	0.000494888	0.288902	-3.46138	0.104756	1.49736	1.49736	0.0395977	1.71927	1.71927	0.142444	1.43191	1.43191	10.5109	8.63074	0.729887	1
cg25308803	0.466764	0.835632	-1.1967	0.0219584	0.513542	-1.94726	0.00241546	0.358988	-2.78561	0.310405	1.28982	1.28982	10.2446	9.53944	0.827707	1
cg27005794	0.629899	1.05012	1.05012	0.000380506	0.564599	-1.77117	0.0925516	1.20497	1.20497	0.0338314	1.28349	1.28349	8.9173	1.43292	0.142835	1
cg03846641	0.726462	0.899384	-1.11187	0.00593305	0.337391	-2.96392	0.0055304	0.332585	-3.00675	0.423665	1.27983	1.27983	8.91622	12.8735	1.28341	1
cg07548255	0.89919	1.03144	1.03144	0.178179	0.705105	-1.41823	0.00262891	0.361668	-2.76497	0.540107	1.16356	1.16356	7.17151	6.77525	0.839773	1
cg02713669	0.816162	1.10258	1.10258	0.0173461	0.296703	-3.37037	0.047067	0.385599	-2.59336	0.0232004	3.1204	3.1204	6.27843	15.5415	2.47538	1
cg04286823	0.364934	0.720994	-1.38697	0.00616503	0.284961	-3.50925	0.00219127	0.221034	-4.5242	0.109438	0.541572	-1.84648	5.3811	10.5231	1.73829	1
cg06693578	0.000390885	0.580788	-1.7218	0.0174422	0.757129	-1.32078	0.00648801	0.711655	-1.40518	0.0239543	0.771855	-1.29558	49.5842	7.25775	0.130109	1
cg10669279	0.0323931	0.536307	-1.8646	0.00106796	0.300399	-3.32891	0.0263788	0.51946	-1.92508	0.00181337	0.331878	-3.01315	9.63373	9.43948	0.870966	1
cg09453425	0.666997	0.876298	-1.14116	0.007743	0.352248	-2.83891	0.175003	0.644017	-1.55275	0.0231042	0.436641	-2.29021	6.57725	9.6936	1.31005	1
cg03899914	0.184852	0.638888	-1.56522	0.0292205	0.441085	-2.26714	0.00686999	0.327892	-3.04979	0.0516121	0.493723	-2.02543	5.44781	8.75722	1.42887	1
cg15858970	0.842695	0.942189	-1.06136	0.0572963	0.524916	-1.90507	0.0251247	0.450069	-2.22188	0.0781749	0.556265	-1.79771	3.47046	4.93723	1.26457	1
cg02643647	0.314476	0.534571	-1.87066	0.0100154	0.141214	-7.08145	0.293709	0.519039	-1.92664	0.132793	0.376622	-2.65518	3.4735	19.9425	5.10338	1
cg06477715	0.00129369	0.420932	-2.37568	0.105733	0.721678	-1.38566	0.15495	1.3244	1.3244	0.176358	0.766964	-1.30384	5.35705	2.89064	0.47964	1
cg00178356	0.0283477	1.74794	1.74794	0.375112	0.821672	-1.21703	0.694835	1.08879	1.08879	0.045564	1.64	1.64	4.08447	3.01155	0.655393	1
cg01074413	0.00160132	0.281572	-3.55149	0.0104948	0.405891	-2.46372	0.101187	0.605013	-1.65286	0.00911528	0.395553	-2.5281	9.67429	12.0093	1.10343	1
cg27609986	0.0878181	0.699233	-1.43014	0.789796	1.05204	1.05204	0.00427506	0.48394	-2.06637	0.829323	1.04185	1.04185	5.32639	3.04185	0.507636	1
cg01000812	0.0907943	0.408891	-2.44564	0.000825302	0.0891125	-11.2218	0.0513736	0.344815	-2.9001	0.0601711	0.361457	-2.76658	4.45038	16.2393	3.24353	1
cg18164281	0.0207651	0.250972	-3.98451	0.00657593	0.173298	-5.77042	0.00466467	0.154379	-6.47757	0.0609756	0.350375	-2.85409	3.95627	15.4535	3.47208	1
cg14834078	0.00574453	0.128927	-7.75634	0.17657	0.443578	-2.2544	0.00430246	0.1153	-8.67303	0.316695	0.55671	-1.79627	3.89936	19.7729	4.50738	1
cg21828173	6.21E-05	0.203859	-4.90535	1.03E-05	0.130842	-7.64279	0.0695084	1.54868	1.54868	0.592363	0.890086	-1.12349	17.88	13.1437	0.653429	1
cg03261004	0.181502	0.748895	-1.3353	0.296496	0.801984	-1.24691	?	?	?	0.00113589	2.65375	2.65375	18.9147	11.0663	0.585066	1
cg14395844	0.0827757	0.565902	-1.76709	0.0116844	0.393063	-2.54412	0.015369	0.414141	-2.41463	0.00277122	0.294386	-3.3969	12.9902	18.0685	1.23638	1
cg03717367	0.637228	1.14649	1.14649	0.2951	0.731627	-1.36682	0.338196	0.752668	-1.32861	0.00251034	0.298815	-3.34655	5.74474	7.53555	1.16598	1
cg04193309	0.0630143	0.829665	-1.20531	0.512671	0.942437	-1.06108	0.352283	0.918083	-1.08923	0.598038	1.04865	1.04865	4.26374	0.538376	0.112239	1
cg15548566	3.26E-05	1.69236	1.69236	0.000456106	1.43301	1.43301	0.904868	0.99224	-1.00782	0.00022959	1.48987	1.48987	29.2917	1.96966	0.0597715	1
cg16368921	0.0607472	0.814669	-1.22749	0.000310521	1.76344	1.76344	0.144743	1.164	1.164	0.576984	1.05615	1.05615	13.0084	1.93667	0.132336	1
cg01547793	0.553598	1.11735	1.11735	0.106161	1.38645	1.38645	0.889453	0.974576	-1.02609	0.24504	0.798381	-1.25253	7.92479	4.30365	0.482722	1
cg18369327	0.838565	1.03733	1.03733	0.00268734	2.10701	2.10701	0.126683	0.74319	-1.34555	0.0839447	0.709238	-1.40996	7.0629	3.61035	0.454374	1
cg00230120	0.149097	2.40757	2.40757	0.0852834	2.94582	2.94582	0.356956	1.71263	1.71263	0.998726	0.999094	-1.00091	7.598	38.8083	4.54017	1
cg26871875	0.331733	1.1787	1.1787	0.102086	0.745447	-1.34148	0.922935	1.01601	1.01601	0.255385	0.822876	-1.21525	3.75131	1.6015	0.379483	1
cg26091183	0.0290074	0.102802	-9.72747	0.00379041	0.0316789	-31.5667	0.00846106	0.0512278	-19.5206	0.0417496	0.125616	-7.96076	5.46206	67.584	10.9985	1
cg02367992	0.110256	0.134664	-7.42587	0.00430042	0.0123014	-81.2917	0.721632	0.662267	-1.50996	0.0646232	0.0915438	-10.9237	4.03325	84.7581	18.6799	1
cg13537940	0.154906	0.51054	-1.95871	0.00772953	0.22068	-4.53145	0.796181	1.1211	1.1211	0.211686	0.55932	-1.78789	3.80779	11.7613	2.74556	1
cg00350362	0.994958	1.00172	1.00172	0.974178	0.99123	-1.00885	0.66348	1.12653	1.12653	0.608431	0.868817	-1.15099	3.55667	4.17177	1.04262	1
cg24367628	0.00750168	0.742487	-1.34682	0.000246511	0.578498	-1.72861	0.0795833	1.17851	1.17851	0.00600714	1.36536	1.36536	14.555	1.55651	0.0831752	1
cg00112588	0.150566	0.668175	-1.49661	0.000534701	0.244093	-4.0968	0.00212749	0.323118	-3.09485	0.0771535	0.597947	-1.67239	6.60845	7.16733	0.964062	1
cg15007813	0.0954172	0.495871	-2.01665	0.0015398	0.174719	-5.72346	0.31013	0.668891	-1.49501	0.0295828	0.375007	-2.66662	6.58182	15.283	2.064	1
cg20013855	0.0423093	0.659449	-1.51642	0.939156	1.01368	1.01368	0.838413	0.964303	-1.03702	0.0425365	1.51552	1.51552	5.97696	2.99995	0.446151	1
cg24972816	0.651757	1.05413	1.05413	0.140047	1.20227	1.20227	0.151659	1.1951	1.1951	0.370523	0.898799	-1.1126	8.50216	1.81284	0.18953	1
cg03071146	0.012186	0.3207	-3.11818	0.00194357	0.202742	-4.93237	0.449796	1.32362	1.32362	0.0183404	0.352741	-2.83494	13.9552	29.2945	1.86594	1
cg14892517	0.826004	0.938408	-1.06563	0.494897	0.81863	-1.22155	0.461256	1.24182	1.24182	0.0565605	0.536197	-1.86499	8.26754	10.9168	1.17373	1
cg03322619	?	?	?	0.0989498	0.705374	-1.41769	0.414731	1.17245	1.17245	0.141973	1.35483	1.35483	10.6925	5.33055	0.436217	1
cg02079951	0.739149	0.953436	-1.04884	0.00385462	0.573717	-1.74302	0.00718021	0.609436	-1.64086	0.312664	1.1607	1.1607	5.08462	1.6396	0.286633	1
cg25338531	0.0158945	0.400507	-2.49684	0.00240071	0.269698	-3.70785	0.269832	1.42763	1.42763	0.0165744	0.403833	-2.47627	6.70746	10.1983	1.3515	1
cg03289130	0.64899	1.04619	1.04619	3.64E-07	0.23623	-4.23316	0.966554	1.00414	1.00414	0.000172504	0.533328	-1.87502	44.617	6.86002	0.13667	1
cg20426524	0.0171073	2.34396	2.34396	0.287692	1.38201	1.38201	0.360429	0.759138	-1.31728	0.599525	1.168	1.168	3.43971	4.67982	1.20936	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08031094	LOC100302652;ASB3;ERLEC1;ASB3;ERLEC1;ERLEC1	0.0230711	0.367717	1.10989	1.10989	0.077975	1.24694	1.24694	0.0578882	1.27329	1.27329	0.238903	1.14911	1.14911	0.448129	1.09102	1.09102	0.735331	1.03897	1.03897	0.00165286	0.602034	-1.66104	0.0995253	1.2256	1.2256	0.404843	1.1008	1.1008	4.48009	0.900948	0.178756	1
cg03390569	LOC100302652;ASB3;ERLEC1;ERLEC1;ASB3;ERLEC1	0.0258282	0.0767067	0.818719	-1.22142	0.445717	0.924066	-1.08217	0.681412	1.04283	1.04283	0.463206	1.07881	1.07881	0.257627	0.886907	-1.12751	0.097934	0.831567	-1.20255	0.0395502	1.27362	1.27362	0.185268	1.15341	1.15341	0.00343206	1.49756	1.49756	4.30804	0.704214	0.145302	1
cg09506183	LOC100302652;ERLEC1;ASB3;ASB3;ERLEC1;ERLEC1	4.02E-05	7.99E-05	0.756391	-1.32207	0.583557	0.97854	-1.02193	0.000397972	0.80181	-1.24718	0.0299612	0.904779	-1.10524	0.00672839	1.14763	1.14763	0.00284775	0.851347	-1.17461	0.000464589	0.805931	-1.2408	0.057105	1.08801	1.08801	2.73E-05	1.38295	1.38295	28.2007	0.685822	0.0216172	1
cg14669921	LOC100302652;ERLEC1;ASB3;ASB3;ERLEC1;ERLEC1	0.0245093	0.0231529	0.108787	-9.19228	0.0214355	0.104559	-9.56402	0.054114	0.167622	-5.96581	0.215456	0.344639	-2.90159	0.12082	0.252947	-3.9534	0.882288	0.885983	-1.12869	0.0028592	0.0349692	-28.5966	0.0262634	0.116051	-8.61692	0.0168914	0.0924333	-10.8186	4.38734	46.3868	9.39811	1
cg27427369	LOC100302652;ERLEC1;ERLEC1;ERLEC1	0.000136222	0.000167134	0.147047	-6.80054	0.00822282	0.363808	-2.74871	0.0658935	0.539463	-1.8537	0.000908639	0.22676	-4.40995	0.000419628	0.187785	-5.32524	4.13E-05	0.096605	-10.3514	0.102947	0.586502	-1.70502	0.992259	0.997103	-1.00291	2.75E-05	0.0844144	-11.8463	20.3788	28.8722	1.25936	1
cg19878627	LOC100302652;GPR75	0.000787164	0.0332013	1.58839	1.58839	0.443835	1.15616	1.15616	0.109191	1.38355	1.38355	0.177149	1.30553	1.30553	0.0808759	1.43301	1.43301	0.420033	0.858022	-1.16547	0.00621606	0.515301	-1.94061	0.102673	0.717562	-1.39361	2.55E-05	4.72156	4.72156	12.5893	6.88793	0.486336	1
cg13356253	LOC100302652;GPR75	0.000996489	0.0174712	1.93534	1.93534	0.182842	1.38074	1.38074	0.111041	1.48621	1.48621	0.139462	1.43759	1.43759	0.00893637	2.13629	2.13629	0.110413	0.6723	-1.48743	0.0111272	0.483656	-2.06759	0.085387	0.647893	-1.54347	6.80E-05	5.27837	5.27837	11.7783	9.71708	0.733333	1
cg08611810	LOC100302652;GPR75	0.00178948	0.0189768	1.96714	1.96714	0.284361	1.30329	1.30329	0.0676913	1.62825	1.62825	0.163607	1.4249	1.4249	0.0195062	1.95899	1.95899	0.296255	0.772627	-1.29429	0.00773841	0.442731	-2.25871	0.148932	0.691648	-1.44582	0.000138654	4.79927	4.79927	9.95869	8.94789	0.798667	1
cg00701946	LOC100302652;GPR75	0.00298534	0.109511	1.67634	1.67634	0.120931	1.64532	1.64532	0.0618897	1.8636	1.8636	0.475275	1.2398	1.2398	0.103954	1.69279	1.69279	0.217331	0.680937	-1.46856	0.00997451	0.381599	-2.62055	0.147296	0.631025	-1.58472	0.000177734	6.55864	6.55864	8.5706	11.8991	1.2341	1
cg12451530	LOC100302652;GPR75	0.00560843	0.0746817	1.82229	1.82229	0.386591	1.30767	1.30767	0.169573	1.55619	1.55619	0.118788	1.6682	1.6682	0.0220297	2.29347	2.29347	0.369999	0.757107	-1.32082	0.141942	0.620499	-1.6116	0.3583	0.751636	-1.33043	0.000184108	6.75376	6.75376	7.08493	10.2502	1.28601	1
cg19664945	LOC100302652;GPR75	0.005919	0.24684	1.49806	1.49806	0.509301	1.25036	1.25036	0.116778	1.76605	1.76605	0.176132	1.61612	1.61612	0.0121551	2.83812	2.83812	0.668023	1.15488	1.15488	0.164471	0.609542	-1.64057	0.057741	0.488634	-2.04652	0.000261024	7.41754	7.41754	6.96832	12.2941	1.56825	1
cg05414908	LOC100302652;GPR75	0.0089768	0.164326	1.40209	1.40209	0.812551	1.0556	1.0556	0.20564	1.35542	1.35542	0.336473	1.25323	1.25323	0.0834092	1.54726	1.54726	0.386826	0.817057	-1.2239	0.40503	0.823619	-1.21415	0.11188	0.674132	-1.48339	0.000228997	4.03155	4.03155	6.11738	5.02618	0.730332	1
cg15913856	LOC100303728	0.0239982	0.0411494	0.307686	-3.25007	0.0897784	0.392338	-2.54882	0.0532994	0.333437	-2.99907	0.541072	0.733786	-1.36279	0.00783372	0.181351	-5.51416	0.525476	1.37971	1.37971	0.00213142	0.115429	-8.6633	0.245975	0.544972	-1.83496	0.077632	0.374866	-2.66762	4.41951	17.5182	3.52341	1
cg17276682	LOC100303728;SLC25A5	0.00284697	0.579013	0.848481	-1.17858	0.605608	1.16498	1.16498	0.445016	0.79592	-1.25641	0.92378	1.02845	1.02845	0.00359169	0.314733	-3.17729	0.0245187	2.19335	2.19335	0.0236505	2.20796	2.20796	0.00110823	4.09238	4.09238	0.00279508	3.34663	3.34663	8.69206	11.8321	1.21	1
cg01768144	LOC100303728;SLC25A5	0.0350567	0.0837773	0.402297	-2.48573	0.505761	0.725214	-1.3789	0.0244191	0.279148	-3.58232	0.948411	1.03127	1.03127	0.0781828	0.394103	-2.53741	0.315426	0.610225	-1.63874	0.495229	0.719262	-1.39031	0.0136517	4.26983	4.26983	0.0673433	2.65235	2.65235	3.86487	13.8593	3.18752	1
cg10321196	LOC100303728;SLC25A5	0.0424113	0.0651628	2.49324	2.49324	0.866404	0.928399	-1.07712	0.410988	1.44912	1.44912	0.482957	0.730072	-1.36973	0.0104595	0.241213	-4.14572	0.0390252	2.86947	2.86947	0.0723155	2.42287	2.42287	0.0998795	2.2158	2.2158	0.741029	1.15759	1.15759	3.60427	11.1141	2.74096	1
cg21382111	LOC100306951;INPP5K;INPP5K;INPP5K	0.00311011	0.847809	1.02029	1.02029	0.0522226	1.25969	1.25969	0.157702	1.17111	1.17111	0.173167	1.16363	1.16363	0.378927	1.09898	1.09898	0.936443	1.00837	1.00837	9.70E-05	0.484478	-2.06408	0.367686	1.10158	1.10158	0.0373588	1.2874	1.2874	8.46696	1.46598	0.153904	1
cg12095127	LOC100306951;INPP5K;INPP5K;INPP5K	0.0129536	0.0988502	0.771088	-1.29687	0.622129	1.07397	1.07397	0.000684088	0.47465	-2.10681	0.0270776	0.686666	-1.45631	0.0866449	0.761962	-1.3124	0.862437	0.975395	-1.02523	0.211158	1.20833	1.20833	0.131489	1.26351	1.26351	0.848995	0.97299	-1.02776	5.43649	1.77671	0.290499	1
cg27254852	LOC100306951;INPP5K;INPP5K;INPP5K	0.0146587	0.00371468	0.157705	-6.34095	0.0298225	0.299789	-3.33568	0.0546989	0.358106	-2.79247	0.114559	0.44542	-2.24507	0.0136034	0.237266	-4.21468	0.0305229	0.301844	-3.31297	0.0155771	0.247168	-4.04583	0.0125456	0.231509	-4.31948	0.00715151	0.194624	-5.13811	5.22023	18.3584	3.12602	1
cg08187845	LOC100306951;INPP5K;INPP5K;INPP5K	0.020268	0.704921	0.958009	-1.04383	0.463902	1.08769	1.08769	0.183312	1.17256	1.17256	0.0987301	1.22646	1.22646	0.00365294	0.641926	-1.55781	0.516007	0.928432	-1.07709	0.0604075	0.787595	-1.26969	0.0586214	1.27236	1.27236	0.0534995	1.28054	1.28054	4.68332	0.943023	0.178984	1
cg10760112	LOC100306951;INPP5K;INPP5K;INPP5K	0.036417	0.0473326	1.51058	1.51058	0.1606	1.31319	1.31319	0.972377	1.00631	1.00631	0.004561	1.98717	1.98717	0.648293	1.08707	1.08707	0.716945	1.06843	1.06843	0.0218457	0.606399	-1.64908	0.542672	0.894024	-1.11854	0.310468	1.21019	1.21019	3.81184	1.99507	0.465232	1
cg27203437	LOC100329108;GCSH;GCSH	0.0336914	0.00636585	2.50393	2.50393	0.221718	1.39372	1.39372	0.226564	0.720236	-1.38843	0.0478158	1.79475	1.79475	0.273597	1.34243	1.34243	0.294926	0.755211	-1.32413	0.69673	0.903722	-1.10654	0.042081	1.83194	1.83194	0.0277015	1.95952	1.95952	3.9207	4.14841	0.940513	1
cg19953728	LOC100329109	8.64E-05	0.843548	0.967745	-1.03333	0.000847159	0.435012	-2.29879	0.0155922	0.611368	-1.63567	0.35732	1.17009	1.17009	1.16E-06	0.123493	-8.09761	0.300701	1.19475	1.19475	0.013528	0.60221	-1.66055	0.395016	0.865416	-1.15551	0.522835	0.898115	-1.11344	23.0232	10.0392	0.387599	1
cg25488067	LOC100329109	0.00496752	0.023607	1.4414	1.4414	0.00979311	0.642898	-1.55546	0.00233212	0.562731	-1.77705	0.387612	1.12726	1.12726	0.0685914	1.31752	1.31752	0.880471	1.02056	1.02056	0.00428748	1.67657	1.67657	0.358853	1.13613	1.13613	0.930472	1.01187	1.01187	7.35321	2.13096	0.2576	1
cg03318227	LOC100329109	0.0373401	0.00508415	0.457122	-2.1876	0.875306	1.03375	1.03375	0.120272	0.700305	-1.42795	0.627431	1.10892	1.10892	0.263965	0.781814	-1.27908	0.909982	1.0242	1.0242	0.166473	1.36596	1.36596	0.047667	1.61402	1.61402	0.0678453	0.648979	-1.54088	3.77723	2.67309	0.629053	1
cg07759206	LOC113230	0.000622157	0.0962427	0.756717	-1.3215	2.44E-05	3.60581	3.60581	0.0234624	1.51152	1.51152	0.336801	0.859722	-1.16317	0.858767	0.973181	-1.02756	0.0234036	1.51188	1.51188	0.00504422	0.567779	-1.76125	0.323029	0.855735	-1.16859	0.955784	1.0085	1.0085	13.4471	4.96101	0.327935	1
cg01614597	LOC113230	0.00102198	0.159647	1.16075	1.16075	0.00140194	1.58245	1.58245	0.00552109	1.4359	1.4359	0.223054	1.13542	1.13542	0.00424738	1.46169	1.46169	0.000130985	1.9321	1.9321	0.833798	1.02106	1.02106	0.420188	0.921552	-1.08513	0.000509643	1.71347	1.71347	11.6942	1.82252	0.138532	1
cg15739955	LOC113230	0.00558951	0.239318	0.77592	-1.28879	0.000119586	3.99466	3.99466	0.611188	1.11133	1.11133	0.735777	1.07222	1.07222	0.401292	1.19348	1.19348	0.487617	0.864856	-1.15626	0.148135	0.72658	-1.37631	0.0903051	0.680926	-1.46859	0.735837	0.932658	-1.0722	7.0923	4.76154	0.596771	1
cg06235973	LOC113230	0.018493	0.0293192	0.495776	-2.01704	0.0395927	1.91648	1.91648	0.0848653	1.68339	1.68339	0.257844	0.72418	-1.38087	0.0387907	0.51998	-1.92315	0.921296	1.02738	1.02738	0.0123616	0.426886	-2.34255	0.0488394	0.540717	-1.8494	0.090966	0.601156	-1.66346	4.83098	5.71546	1.05163	1
cg10204861	LOC115110	0.0085184	0.387148	0.893126	-1.11966	0.000487477	2.00756	2.00756	0.0910818	1.26784	1.26784	0.386159	1.11994	1.11994	0.00592759	0.63197	-1.58235	0.410571	1.11326	1.11326	0.648524	1.06026	1.06026	0.656834	1.05867	1.05867	0.988481	0.998161	-1.00184	6.21976	1.60152	0.228879	1
cg07247405	LOC115110	0.0287912	0.328321	0.733257	-1.36378	0.0180549	0.413458	-2.41863	0.00206912	0.263476	-3.79541	0.485297	0.804088	-1.24364	0.010281	0.369909	-2.70337	0.1146	0.589967	-1.69501	0.0687086	0.534441	-1.87111	0.0998397	0.574335	-1.74114	0.091307	0.564484	-1.77153	4.14681	6.21034	1.33121	1
cg18236862	LOC116437	0.00274214	0.00209824	0.391859	-2.55194	0.68702	0.916045	-1.09165	0.0299179	0.575192	-1.73855	0.0594516	0.630899	-1.58504	0.503245	0.863229	-1.15844	0.225412	0.759087	-1.31737	0.0714911	1.54613	1.54613	0.000145511	0.242736	-4.1197	0.423559	1.19358	1.19358	8.78908	6.52464	0.659874	1
cg25768716	LOC116437	0.00507323	0.235642	1.24535	1.24535	0.017985	0.602003	-1.66112	0.0124931	0.577734	-1.7309	0.914529	0.981225	-1.01913	0.740616	0.943037	-1.0604	0.867405	1.02994	1.02994	0.000796798	2.44544	2.44544	0.0109721	0.569224	-1.75678	0.308266	0.830126	-1.20464	7.30608	3.60646	0.438778	1
cg21874312	LOC116437	0.0288276	0.113314	0.759478	-1.31669	0.968371	1.00635	1.00635	0.232809	1.2211	1.2211	0.536066	0.9048	-1.10522	0.881762	0.976518	-1.02405	0.0178111	1.58398	1.58398	0.00367622	1.87192	1.87192	0.749868	1.05239	1.05239	0.027405	1.5168	1.5168	4.14496	1.6734	0.358861	1
cg10376904	LOC116437	0.0349619	0.0442218	1.65764	1.65764	0.0241061	1.80063	1.80063	0.124045	1.43935	1.43935	0.0399963	1.68041	1.68041	0.979101	1.00574	1.00574	0.0112314	2.00289	2.00289	0.00903163	2.06619	2.06619	0.0286088	1.75889	1.75889	0.403941	1.20532	1.20532	3.86866	2.92951	0.673104	1
cg05329135	LOC121952	0.00634236	0.0160439	2.20146	2.20146	0.0214879	2.09497	2.09497	0.282402	0.741502	-1.34861	0.165444	1.48602	1.48602	0.00299221	0.336142	-2.97493	0.686137	1.11491	1.11491	0.489947	0.828803	-1.20656	0.0038371	2.83895	2.83895	0.133039	1.54332	1.54332	6.8211	7.74465	1.00924	1
cg09887906	LOC121952	0.00798297	0.817279	1.07	1.07	0.150119	1.56989	1.56989	0.77021	1.0894	1.0894	0.796267	0.927152	-1.07857	0.000764277	0.225263	-4.43925	0.0525159	0.524929	-1.90502	0.00489644	0.336176	-2.97463	0.296527	1.37221	1.37221	0.0350812	0.487837	-2.04987	6.3484	8.59296	1.20317	1
cg02305471	LOC126536	0.00312309	0.433619	0.887438	-1.12684	0.00203057	0.503528	-1.98599	0.00107212	0.463846	-2.15589	0.241732	0.832056	-1.20184	0.73618	0.950838	-1.0517	0.113641	0.771158	-1.29675	0.00173755	2.0251	2.0251	0.0352079	0.687688	-1.45415	0.136741	0.785357	-1.27331	9.94922	3.42442	0.267704	1
cg05896689	LOC126536	0.017298	0.588221	1.31562	1.31562	0.99873	1.0008	1.0008	0.0287426	0.274047	-3.64901	0.467898	1.44867	1.44867	0.485693	0.700827	-1.42689	0.462043	1.45603	1.45603	0.000729541	0.0759885	-13.1599	0.0222607	0.252869	-3.95461	0.765602	0.860678	-1.16187	4.94066	19.7047	3.54513	1
cg02785793	LOC126536	0.0285608	0.0563107	0.519252	-1.92585	0.843897	1.06161	1.06161	0.00448487	0.316954	-3.15503	0.603335	0.853029	-1.17229	0.264833	0.703002	-1.42247	0.0696887	1.84995	1.84995	0.0246783	2.25051	2.25051	0.872969	0.952637	-1.04972	0.575185	0.842231	-1.18732	4.1586	6.0562	1.2945	1
cg26856369	LOC134466	2.20E-05	0.00974624	0.67866	-1.47349	7.35E-05	0.425345	-2.35103	0.00692716	0.660747	-1.51344	0.0306098	0.739914	-1.35151	0.00218124	0.600632	-1.66491	0.043409	1.31711	1.31711	0.423002	1.10191	1.10191	6.00E-06	0.300047	-3.33281	2.69E-06	0.26214	-3.81475	33.0412	7.35828	0.197956	1
cg22901794	LOC134466	0.00104232	0.892775	0.974796	-1.02586	0.0653146	0.675957	-1.47938	0.00651291	0.512087	-1.95279	0.800638	1.04906	1.04906	9.58E-05	0.268689	-3.72177	0.504022	0.879552	-1.13694	0.917238	0.980518	-1.01987	0.00010825	0.274851	-3.63834	0.262784	0.801722	-1.24731	11.6289	6.59855	0.504377	1
cg08513547	LOC134466	0.00308871	0.000207142	0.123485	-8.09815	0.60185	0.837569	-1.19393	0.00351366	0.263706	-3.7921	0.0968721	0.541382	-1.84713	0.034082	0.434835	-2.29972	0.21734	0.645955	-1.5481	0.00167601	0.220283	-4.53961	0.889633	1.04786	1.04786	0.0106383	0.339092	-2.94905	8.48436	15.2352	1.59616	1
cg15996534	LOC134466	0.00611217	0.292375	1.35945	1.35945	0.100613	0.603168	-1.65791	0.522414	1.1999	1.1999	0.395898	1.27685	1.27685	0.0684464	0.563601	-1.77431	0.00135256	0.270291	-3.69972	0.00192018	0.290929	-3.43726	0.0594635	0.549901	-1.81851	0.0920633	1.68419	1.68419	6.89957	8.63472	1.11243	1
cg08747963	LOC134466	0.0287287	0.0614205	3.50354	3.50354	0.120416	2.72438	2.72438	0.151711	0.400993	-2.49381	0.44819	1.5839	1.5839	0.0120421	0.155186	-6.44389	0.908999	1.0704	1.0704	0.0998354	2.92406	2.92406	0.0589502	0.281124	-3.55714	0.0767197	3.22623	3.22623	4.14999	23.2671	4.9836	1
cg13790719	LOC134466	0.0406691	0.305974	1.20045	1.20045	0.0096934	1.75783	1.75783	0.328659	1.1898	1.1898	0.727753	1.06209	1.06209	0.312049	1.19753	1.19753	0.90616	0.979878	-1.02054	0.193826	0.789014	-1.2674	0.0127636	0.586673	-1.70453	0.103421	1.35935	1.35935	3.66068	1.72256	0.418273	1
cg11501236	LOC134466	0.0465863	0.94688	0.986606	-1.01358	0.218655	1.29932	1.29932	0.63337	1.10214	1.10214	0.828275	0.956989	-1.04494	0.780886	0.94513	-1.05806	0.841362	0.960255	-1.04139	0.0018465	0.40872	-2.44666	0.177654	0.748326	-1.33632	0.097135	1.44551	1.44551	3.47998	2.25731	0.576583	1
cg23484272	LOC139201;CHIC1	0.000409837	0.000280202	0.283514	-3.52716	0.00202378	2.51861	2.51861	0.00144927	2.65475	2.65475	0.556401	1.13453	1.13453	0.00229981	0.40497	-2.46932	0.0354545	0.594802	-1.68123	0.0211194	0.555251	-1.80099	0.00769398	0.483548	-2.06805	0.197243	0.748854	-1.33537	15.0987	10.7644	0.633723	1
cg00074415	LOC143188	0.00618792	0.139811	0.767978	-1.30212	0.000625541	2.39659	2.39659	0.56661	1.10104	1.10104	0.328453	1.18247	1.18247	0.239195	1.2273	1.2273	0.394322	0.865044	-1.15601	0.0158785	1.63367	1.63367	0.00180106	2.09111	2.09111	0.429175	1.14352	1.14352	6.87335	3.00571	0.38871	1
cg07673089	LOC143666	0.039077	0.695991	0.894133	-1.1184	0.0614235	1.82302	1.82302	0.163283	1.5281	1.5281	0.174273	1.5096	1.5096	0.00637488	0.363606	-2.75023	0.332861	0.752268	-1.32931	0.0645605	0.553406	-1.80699	0.244636	1.41459	1.41459	0.880383	0.957996	-1.04385	3.71489	4.77784	1.14323	1
cg12469954	LOC143666;PHRF1	0.00321729	0.866532	0.93958	-1.06431	0.0427829	2.37258	2.37258	0.984097	1.00741	1.00741	0.000128661	0.0849009	-11.7784	0.0167201	0.338836	-2.95128	0.473082	0.763094	-1.31046	0.0368284	2.45589	2.45589	0.179572	0.589694	-1.6958	0.770425	0.897253	-1.11451	8.38199	18.2239	1.93259	1
cg06063517	LOC143666;PHRF1	0.0400724	0.291584	1.24205	1.24205	0.0122877	1.85464	1.85464	0.0469387	1.56908	1.56908	0.980303	0.995122	-1.0049	0.00942953	1.91899	1.91899	0.640135	0.910951	-1.09775	0.043717	1.58286	1.58286	0.750513	0.938768	-1.06523	0.0378739	1.61107	1.61107	3.68068	2.28719	0.552358	1
cg18527764	LOC144438	6.41E-06	0.462404	0.91039	-1.09843	0.000452044	0.499637	-2.00145	0.0142585	0.684314	-1.46132	0.0721132	1.28648	1.28648	0.984756	1.0024	1.0024	1.85E-06	0.22574	-4.42987	2.37E-06	0.236865	-4.22181	0.266744	1.15629	1.15629	3.51E-06	0.254632	-3.92724	45.5163	11.3535	0.221723	1
cg01367719	LOC144571	0.0039502	0.465223	1.12367	1.12367	0.0943336	1.33447	1.33447	0.0305022	0.671072	-1.49015	0.807945	0.962513	-1.03895	0.00205424	0.505945	-1.9765	0.578275	1.0921	1.0921	0.000712433	2.24505	2.24505	0.0704358	1.37332	1.37332	0.468983	1.12253	1.12253	7.88219	3.07275	0.346519	1
cg19662922	LOC144571	0.0135189	0.601781	0.924716	-1.08141	0.573383	0.918899	-1.08826	0.000686636	2.16129	2.16129	0.00894834	0.610012	-1.63931	0.200747	0.818005	-1.22249	0.790308	1.04041	1.04041	0.834302	0.96934	-1.03163	0.541202	0.912152	-1.09631	0.961567	1.00719	1.00719	5.36105	1.87634	0.311106	1
cg10605084	LOC144571	0.0147663	0.0174569	3.52089	3.52089	0.320105	1.56348	1.56348	0.358056	1.5085	1.5085	0.10468	2.16294	2.16294	0.0749521	0.422011	-2.36961	0.189115	0.545981	-1.83157	0.02634	3.14521	3.14521	0.0113449	3.97094	3.97094	0.00719062	4.52371	4.52371	5.20765	15.6075	2.66404	1
cg11034592	LOC144742	0.000266481	0.53482	0.894462	-1.11799	0.0518339	1.48086	1.48086	0.967399	1.00728	1.00728	0.895966	0.977054	-1.02348	0.030702	1.56895	1.56895	0.671616	0.927128	-1.0786	0.00236277	2.12235	2.12235	6.83E-06	0.170229	-5.87443	0.694167	0.93228	-1.07264	16.9915	8.47299	0.443253	1
cg13404951	LOC144742	0.00159753	0.777957	0.944332	-1.05895	0.323563	0.813365	-1.22946	0.152698	0.733205	-1.36387	0.717664	1.07634	1.07634	0.86047	0.96498	-1.03629	0.664658	0.915424	-1.09239	0.155875	1.36018	1.36018	1.82E-05	0.170131	-5.87784	0.0656626	0.658012	-1.51973	10.291	6.69069	0.57791	1
cg09724798	LOC144742	0.0224164	0.199127	1.40788	1.40788	0.286572	1.32184	1.32184	0.680792	0.900959	-1.10993	0.856061	1.04684	1.04684	0.297429	0.761584	-1.31305	0.403404	1.24059	1.24059	0.126922	1.51625	1.51625	0.000882482	0.284593	-3.51379	0.17097	0.692419	-1.44421	4.52471	4.5556	0.894958	1
cg02347881	LOC144776	0.000301487	0.0868016	0.529217	-1.88958	0.243548	0.663295	-1.50762	0.000946686	0.190449	-5.25075	0.138118	0.584398	-1.71116	8.66E-05	0.0935147	-10.6935	0.0500928	0.471612	-2.12039	2.92E-05	0.06339	-15.7754	0.000750514	0.179021	-5.58594	0.00174424	0.222761	-4.48911	16.4279	29.452	1.59361	1
cg00509057	LOC144776	0.000524486	0.00355118	1.12306	1.12306	0.0173848	1.08879	1.08879	0.198625	0.960883	-1.04071	0.000166803	1.20722	1.20722	0.0483721	1.0685	1.0685	0.0459156	1.06951	1.06951	3.84E-05	1.26091	1.26091	0.564767	1.01724	1.01724	0.57018	0.983286	-1.017	14.1021	0.192699	0.0121462	1
cg06173513	LOC145474	0.0260735	0.755722	0.908261	-1.10101	0.0210958	0.425187	-2.35191	0.00314861	0.288123	-3.47074	0.0468996	0.495887	-2.01659	0.680272	0.880059	-1.13629	0.846268	0.941905	-1.06168	0.0293062	2.20698	2.20698	0.788121	0.920299	-1.0866	0.514482	0.815606	-1.22608	4.29384	6.46533	1.33842	1
cg05896902	LOC145663;GATM	0.00139992	0.035397	0.548191	-1.82418	0.366171	0.796263	-1.25587	0.00157032	0.328094	-3.04791	0.175582	1.42396	1.42396	?	?	?	0.969931	0.990793	-1.00929	0.000136165	5.05391	5.05391	0.499296	0.845105	-1.18328	0.550492	1.15978	1.15978	10.9391	9.27354	0.847744	1
cg20381115	LOC145663;GATM	0.00409439	0.0055967	0.486104	-2.05717	0.397357	0.842121	-1.18748	0.778551	0.945635	-1.05749	0.779828	1.05714	1.05714	0.0165037	0.559446	-1.78748	0.0544298	0.648745	-1.54144	0.00160072	2.45382	2.45382	0.00425539	0.468376	-2.13504	0.496516	1.1467	1.1467	7.79745	4.85513	0.553473	1
cg24328539	LOC145663;GATM	0.00845136	0.0403168	0.486139	-2.05703	0.465814	1.25356	1.25356	0.0445635	0.495435	-2.01843	0.0420572	0.490041	-2.04064	0.00257975	0.280254	-3.5682	0.418528	0.777475	-1.28622	0.00413558	3.22454	3.22454	0.598036	1.17586	1.17586	0.902878	0.963511	-1.03787	6.23531	9.15589	1.30524	1
cg26796135	LOC145663;GATM	0.0165893	0.238584	0.719912	-1.38906	0.000860468	3.78968	3.78968	0.224423	0.711947	-1.4046	0.4474	1.22895	1.22895	0.722347	0.909386	-1.09964	0.234793	0.717811	-1.39312	0.017043	2.16932	2.16932	0.384103	1.2682	1.2682	0.476056	1.2128	1.2128	5.01025	5.62442	0.997852	1
cg00767496	LOC145663;GATM	0.0462349	0.705397	1.12173	1.12173	0.102854	0.582897	-1.71557	0.0215819	2.30379	2.30379	0.0334554	2.12024	2.12024	0.11482	1.67975	1.67975	0.940428	1.02286	1.02286	0.561921	1.19407	1.19407	0.741117	1.10547	1.10547	0.00803825	2.79274	2.79274	3.4899	5.0561	1.2878	1
cg16754378	LOC145783	0.020222	0.00209185	0.493212	-2.02753	0.240323	1.22226	1.22226	0.161553	1.27642	1.27642	0.00970938	0.586205	-1.70589	0.591457	0.915345	-1.09248	0.234006	0.81572	-1.22591	0.224169	1.23179	1.23179	0.232163	0.815001	-1.22699	0.605555	0.918467	-1.08877	4.68694	1.97846	0.375219	1
cg01857019	LOC145783;TCF12;TCF12;TCF12;TCF12	0.0118794	0.94834	0.980879	-1.01949	0.0217813	2.27151	2.27151	0.0105971	2.60584	2.60584	0.917853	1.03122	1.03122	0.604464	0.855814	-1.16848	0.00330456	3.29477	3.29477	0.503209	0.816743	-1.22438	0.00772176	2.77239	2.77239	0.0145378	2.45208	2.45208	5.59178	7.86257	1.24986	1
cg07912453	LOC145814	0.010922	0.7986	1.03458	1.03458	0.18956	0.831284	-1.20296	0.134452	0.806855	-1.23938	0.184959	0.829482	-1.20557	0.0413864	0.731379	-1.36728	0.926904	0.987872	-1.01228	0.00142235	1.84745	1.84745	0.592316	1.07452	1.07452	0.00849999	0.639774	-1.56305	5.74567	1.6091	0.248937	1
cg21555793	LOC145814	0.0439395	0.351831	0.877541	-1.13955	0.0960069	0.7794	-1.28304	0.0182777	0.676704	-1.47775	0.396094	0.888266	-1.12579	0.015927	0.668675	-1.4955	0.20891	0.834776	-1.19793	0.00477143	0.600012	-1.66663	0.533537	0.917619	-1.08978	0.0318548	0.709682	-1.40908	3.55709	1.04718	0.261682	1
cg04513146	LOC145814;LOC145814	0.00228508	0.15144	0.824477	-1.21289	6.82E-05	2.49649	2.49649	0.0504598	1.32306	1.32306	0.200436	1.18509	1.18509	0.469964	1.0967	1.0967	0.446146	1.10243	1.10243	0.00392586	1.62801	1.62801	0.263108	1.15778	1.15778	0.00834447	1.52698	1.52698	9.27367	2.3159	0.221981	1
cg12718346	LOC145814;LOC145814	0.00645165	0.575055	1.06803	1.06803	0.196637	0.853319	-1.1719	0.0169034	0.712779	-1.40296	0.709352	0.95743	-1.04446	0.0105191	0.68795	-1.45359	0.127086	1.21133	1.21133	0.000756279	1.81008	1.81008	0.992297	1.00112	1.00112	0.198307	0.853879	-1.17113	6.78507	1.45076	0.19006	1
cg00323522	LOC145814;LOC145814	0.00962865	0.0128949	1.59589	1.59589	0.0980541	0.759754	-1.31621	0.237056	0.828984	-1.2063	0.201195	1.22676	1.22676	0.0134275	1.5896	1.5896	0.00202947	1.93258	1.93258	0.10432	1.30844	1.30844	0.0191945	1.5357	1.5357	0.905638	1.01812	1.01812	5.98249	2.17198	0.322716	1
cg21621697	LOC145814;LOC145814	0.017026	0.726508	1.12501	1.12501	0.924759	0.968811	-1.03219	0.0822946	0.524321	-1.90723	0.00132628	0.208852	-4.78807	0.655951	0.860354	-1.16231	0.541147	0.812608	-1.23061	0.177034	1.61819	1.61819	0.839331	0.93417	-1.07047	0.00390303	0.271647	-3.68124	4.96694	8.85133	1.58404	1
cg17149030	LOC145814;LOC145814	0.0186166	0.153061	0.581271	-1.72037	0.120095	1.81826	1.81826	0.0918794	0.517899	-1.93088	0.148679	0.577398	-1.73191	0.0036497	0.248039	-4.03163	0.0611836	0.473299	-2.11283	0.169576	0.59523	-1.68002	0.0235309	2.6093	2.6093	0.872312	0.944564	-1.05869	4.82013	9.59757	1.76991	1
cg00025185	LOC145814;LOC145814	0.0186392	0.00221349	0.429451	-2.32855	0.0676895	0.668023	-1.49695	0.0894336	0.69135	-1.44644	0.0217968	0.581208	-1.72056	0.031351	0.607895	-1.64502	0.00432454	0.471515	-2.12082	0.31701	0.815554	-1.22616	0.962561	1.00929	1.00929	0.817382	0.955433	-1.04665	4.81816	2.96466	0.546943	1
cg16149919	LOC145814;LOC145814	0.0203071	0.163821	1.41564	1.41564	0.00553699	2.34607	2.34607	0.0600372	0.608796	-1.64259	0.669178	1.10578	1.10578	0.046031	1.70722	1.70722	0.0148116	2.01658	2.01658	0.705821	1.09277	1.09277	0.0155151	2.00263	2.00263	0.127425	1.4705	1.4705	4.68025	4.05646	0.770416	1
cg02637101	LOC145814;LOC145814	0.0278612	0.0316403	2.46369	2.46369	0.00553725	3.68576	3.68576	0.772212	0.90134	-1.10946	0.379895	1.38037	1.38037	0.677811	0.861129	-1.16127	0.287809	1.48428	1.48428	0.0941949	1.93185	1.93185	0.00321331	4.21689	4.21689	0.108675	1.87041	1.87041	4.19512	8.5088	1.8029	1
cg09576762	LOC145814;LOC145814;LOC145814	0.0469281	0.110356	2.04606	2.04606	0.00951473	3.86315	3.86315	0.864603	1.07275	1.07275	0.252558	1.63514	1.63514	0.0542709	2.45634	2.45634	0.953344	0.976213	-1.02437	0.099431	2.10234	2.10234	0.00530489	4.53482	4.53482	0.0839052	2.19671	2.19671	3.47041	9.30479	2.38327	1
cg02361984	LOC145837	0.0130718	0.0157509	0.64618	-1.54756	0.65336	0.935464	-1.06899	0.4552	0.893821	-1.11879	0.181861	0.81129	-1.2326	0.0330355	0.692216	-1.44464	0.710152	1.05664	1.05664	0.00268994	1.8443	1.8443	0.228847	0.829969	-1.20486	0.0206697	0.662836	-1.50867	5.42039	1.86962	0.306599	1
cg12288941	LOC145845	7.58E-05	0.0031095	0.129616	-7.71513	7.44E-05	37.9069	37.9069	0.0047493	6.6477	6.6477	0.296517	0.578806	-1.72769	0.0165473	0.227887	-4.38814	0.000629186	14.2225	14.2225	5.60E-05	43.988	43.988	0.0706796	0.360467	-2.77418	0.00178641	9.44735	9.44735	23.8373	96.3429	3.5926	1
cg20390119	LOC145845	0.000220797	0.734589	0.950113	-1.05251	0.00135768	2.01269	2.01269	0.00228355	0.526503	-1.89933	0.478206	1.11453	1.11453	1.08E-05	0.243844	-4.10098	0.073585	1.34983	1.34983	0.0548856	1.38738	1.38738	0.990475	0.998206	-1.0018	0.701882	0.943801	-1.05954	17.8844	6.40602	0.318391	1
cg16890051	LOC145845	0.000257382	0.0214477	0.275794	-3.6259	0.000246596	16.8162	16.8162	0.01056	4.47924	4.47924	0.413824	0.677447	-1.47613	0.203635	0.535007	-1.86914	0.000724555	10.9857	10.9857	5.64E-05	32.7053	32.7053	0.434347	0.689459	-1.45041	0.00790229	4.89482	4.89482	17.1533	59.0342	3.05916	1
cg27042266	LOC145845	0.000301799	0.0420363	0.18206	-5.4927	0.00027661	75.7874	75.7874	0.0118739	9.81041	9.81041	0.392821	0.529152	-1.88982	0.00668621	0.0774555	-12.9106	0.00245228	21.4139	21.4139	0.000172465	103.44	103.44	0.0654063	0.222301	-4.49841	0.0147396	8.86665	8.86665	16.4232	137.508	7.44245	1
cg11965311	LOC145845	0.00047682	0.000137973	0.0671693	-14.8877	0.00328217	5.16479	5.16479	0.867219	0.933724	-1.07098	0.00256062	0.180103	-5.55238	0.114408	0.494763	-2.02117	0.192024	0.567821	-1.76112	0.000174977	0.0735957	-13.5878	0.811435	1.1029	1.1029	0.0215722	0.322741	-3.09846	14.4798	38.5138	2.36429	1
cg00130808	LOC145845	0.00184685	0.000428127	0.0287833	-34.7423	0.392706	1.74587	1.74587	0.0309948	0.199548	-5.01132	0.00319821	0.077195	-12.9542	0.0428115	0.226777	-4.40962	0.0545689	0.249601	-4.0064	0.000250339	0.0213934	-46.7434	0.898222	0.921787	-1.08485	0.0192974	0.165123	-6.05608	9.86793	63.3015	5.70211	1
cg26727768	LOC145845	0.0041551	0.00405225	0.141082	-7.08807	0.00872485	5.45077	5.45077	0.414488	0.654876	-1.52701	0.0577712	0.336656	-2.97039	0.00783696	0.176979	-5.65039	0.176792	0.482579	-2.0722	0.00231905	0.115438	-8.66263	0.233377	1.88526	1.88526	0.0627103	0.345483	-2.8945	7.76287	31.6618	3.62544	1
cg00213301	LOC145845	0.00913403	0.236537	0.757223	-1.32062	0.00670068	0.454505	-2.2002	0.249463	1.30982	1.30982	0.116229	1.46633	1.46633	0.217571	0.747621	-1.33758	0.22496	0.751429	-1.3308	0.136309	0.697746	-1.43319	0.00160577	2.7582	2.7582	0.16825	0.71947	-1.38991	6.08375	4.84434	0.707799	1
cg12309653	LOC145845	0.0354356	0.328809	1.56149	1.56149	0.0116942	4.02688	4.02688	0.228698	1.74819	1.74819	0.131731	0.487037	-2.05323	0.149701	1.97968	1.97968	0.155257	1.95906	1.95906	0.00816022	4.46845	4.46845	0.090721	2.2797	2.2797	0.289355	0.614906	-1.62627	3.84984	11.9207	2.75237	1
cg14891209	LOC145845	0.0359609	0.226767	1.97256	1.97256	0.00411063	7.84991	7.84991	0.191979	2.09454	2.09454	0.833737	0.89358	-1.11909	0.086329	2.7574	2.7574	0.0917095	2.70193	2.70193	0.00703299	6.45725	6.45725	0.0360308	3.68913	3.68913	0.899736	1.0698	1.0698	3.82934	17.3783	4.03396	1
cg26330116	LOC145845	0.0377678	0.639312	1.28303	1.28303	0.00720785	6.24047	6.24047	0.0514297	3.22464	3.22464	0.436145	0.657407	-1.52113	0.201424	2.03866	2.03866	0.32685	1.70648	1.70648	0.00416686	7.59403	7.59403	0.14885	2.26467	2.26467	0.81641	0.884453	-1.13064	3.76156	16.6071	3.92439	1
cg21375869	LOC145845	0.0398997	0.288408	1.56366	1.56366	0.00459686	4.61836	4.61836	0.0534865	2.43413	2.43413	0.608429	0.810915	-1.23318	0.356065	1.46967	1.46967	0.0785925	2.2087	2.2087	0.00712566	4.09507	4.09507	0.0820647	2.1846	2.1846	0.425215	1.39138	1.39138	3.68655	9.60581	2.31613	1
cg13368198	LOC145845	0.0478549	0.190114	0.591731	-1.68996	0.0188114	2.93344	2.93344	0.159552	1.76534	1.76534	0.0168307	0.331913	-3.01284	0.170367	1.73691	1.73691	0.391956	0.71775	-1.39324	0.728406	0.876504	-1.1409	0.265414	1.55091	1.55091	0.31908	0.677499	-1.47602	3.44491	7.80065	2.0128	1
cg07118953	LOC146336	1.28E-05	0.055826	0.648764	-1.54139	0.00120796	0.388041	-2.57705	0.0225668	0.579588	-1.72536	0.154012	1.35631	1.35631	1.39E-05	0.163461	-6.11766	0.00289541	0.441388	-2.26558	2.69E-07	0.0477666	-20.9351	0.0132697	0.541797	-1.84571	0.00162785	0.405921	-2.46353	38.0744	24.0496	0.561464	1
cg02097235	LOC146336	0.000596711	0.0304034	0.68095	-1.46854	0.0823146	1.33731	1.33731	0.0720147	0.738395	-1.35429	0.0559152	0.721044	-1.38688	0.506804	1.10707	1.10707	0.974744	0.99523	-1.00479	8.53E-06	0.231576	-4.31823	0.527423	1.10153	1.10153	0.73234	0.949474	-1.05321	13.6047	4.91428	0.321083	1
cg08033003	LOC146336	0.000848493	0.228776	1.30171	1.30171	0.718825	0.927302	-1.0784	0.273898	0.788452	-1.26831	0.327757	1.23478	1.23478	0.867827	1.03538	1.03538	0.745401	1.07038	1.07038	1.03E-05	0.139331	-7.17717	0.120168	1.42181	1.42181	0.977777	0.994202	-1.00583	12.326	8.50767	0.613528	1
cg19791043	LOC146336	0.00359505	0.0135354	2.4404	2.4404	0.00116921	0.2488	-4.0193	0.726187	1.10809	1.10809	0.832596	1.06374	1.06374	0.192425	0.668478	-1.49594	0.0108514	2.54431	2.54431	0.00481296	0.33554	-2.98027	0.0932823	1.7142	1.7142	0.792686	0.925987	-1.07993	8.10848	10.9443	1.19977	1
cg05054683	LOC146336	0.00458151	0.589267	1.23441	1.23441	0.368586	1.42875	1.42875	0.505406	0.770206	-1.29835	0.221013	1.64389	1.64389	0.0355549	0.388531	-2.5738	0.738837	0.878735	-1.138	0.000101464	0.0698971	-14.3067	0.13676	1.85766	1.85766	0.505822	0.770408	-1.29801	7.53654	17.8175	2.10147	1
cg01493297	LOC146336	0.00614048	0.00737786	0.255572	-3.91279	0.343441	0.680009	-1.47057	0.1347	0.528741	-1.89129	0.599703	1.23276	1.23276	0.00336322	0.206731	-4.8372	0.156979	0.549845	-1.81869	0.000377928	0.10595	-9.43844	0.0678	0.445583	-2.24425	0.0207665	0.332897	-3.00394	6.88972	17.0375	2.19812	1
cg07678518	LOC146336	0.0179057	0.110758	0.651873	-1.53404	0.675603	0.901552	-1.1092	0.0981983	0.639767	-1.56307	0.27392	0.755516	-1.3236	0.0052797	0.404302	-2.4734	0.409729	0.812526	-1.23073	0.000740846	0.283193	-3.53116	0.459615	0.830766	-1.20371	0.0310646	0.536191	-1.86501	4.88374	4.6903	0.85368	1
cg26939539	LOC146336	0.0292498	0.0858874	0.512227	-1.95226	0.0617587	0.476384	-2.09915	0.237124	0.646262	-1.54736	0.0526305	0.459986	-2.17398	0.0121387	0.33224	-3.00988	0.206141	0.624981	-1.60005	0.00275995	0.233298	-4.28637	0.0126546	0.335401	-2.98151	0.12248	0.554381	-1.80381	4.12369	8.11356	1.74893	1
cg06618047	LOC146336	0.0474816	0.272438	1.58273	1.58273	0.0648474	2.30122	2.30122	0.0408487	2.58273	2.58273	0.122207	1.9607	1.9607	0.173366	0.558616	-1.79014	0.52661	0.772684	-1.29419	0.00694909	4.07059	4.07059	0.167676	1.80598	1.80598	0.0938657	2.09696	2.09696	3.45511	8.84102	2.27451	1
cg01953240	LOC146336;SSTR5	9.26E-07	0.0157501	1.27013	1.27013	8.14E-06	2.19822	2.19822	0.000101496	1.74452	1.74452	2.38E-05	1.97641	1.97641	0.25304	1.10128	1.10128	0.000447187	1.56443	1.56443	7.52E-08	0.234863	-4.2578	0.150611	0.882944	-1.13258	0.214398	0.899761	-1.11141	74.7774	7.73355	0.0919297	1
cg04168474	LOC146336;SSTR5;SSTR5	0.000121855	0.000290165	0.473699	-2.11105	0.369551	0.890028	-1.12356	0.00144937	0.558914	-1.78918	0.0713886	1.2899	1.2899	0.000100906	0.418402	-2.39005	0.609665	0.936976	-1.06726	8.58E-06	0.294175	-3.39933	0.607578	0.936614	-1.06768	0.175142	0.833356	-1.19997	20.9984	5.31526	0.225002	1
cg01345234	LOC146481	0.00982493	0.00557808	0.284572	-3.51405	0.112856	0.551113	-1.81451	0.154275	0.590673	-1.69299	0.138377	0.576489	-1.73464	0.000892048	0.179451	-5.57255	0.00476693	0.274247	-3.64634	0.389119	0.737338	-1.35623	0.0255332	0.400053	-2.49967	0.015974	0.361141	-2.769	5.94408	11.2211	1.67802	1
cg02538553	LOC146481	0.0195126	0.0198143	0.239369	-4.17764	0.712328	1.2071	1.2071	0.0211395	0.244395	-4.09174	0.335952	0.603966	-1.65572	0.00160607	0.100306	-9.96947	0.0984551	0.39813	-2.51174	0.269099	1.79487	1.79487	0.081562	0.374912	-2.66729	0.0974009	0.39676	-2.52042	4.74412	19.4067	3.63616	1
cg05324519	LOC146880	0.00592289	0.027571	0.567023	-1.7636	0.00611062	2.17982	2.17982	0.0151199	1.91555	1.91555	0.0245757	0.558195	-1.79149	0.28654	1.2725	1.2725	0.00659639	2.15557	2.15557	0.338682	0.806743	-1.23955	0.0880448	1.50667	1.50667	0.0983784	1.48394	1.48394	6.96691	5.2317	0.667498	1
cg17783086	LOC146880;LOC146880	1.46E-06	0.000356681	0.403949	-2.47556	0.000328557	2.50353	2.50353	2.87E-05	3.66791	3.66791	0.0394352	1.4577	1.4577	0.000494295	0.422006	-2.36963	7.86E-05	3.09456	3.09456	8.48E-08	16.3283	16.3283	0.00011394	2.91954	2.91954	0.459464	0.887685	-1.12653	66.5628	26.3769	0.352241	1
cg23556923	LOC146880;LOC146880	0.000487208	0.0419246	0.509294	-1.9635	0.0114219	2.48699	2.48699	0.0582458	1.85144	1.85144	0.944704	1.02016	1.02016	0.0355777	0.494553	-2.02203	0.429815	1.26104	1.26104	3.82E-05	9.71047	9.71047	0.00293069	0.308477	-3.24173	0.0661679	0.552592	-1.80965	14.3936	18.8817	1.16606	1
cg12097883	LOC146880;LOC146880	0.00108846	0.0953894	0.437315	-2.28668	0.0248515	3.33894	3.33894	0.067516	2.52122	2.52122	0.112667	2.18056	2.18056	0.00476116	0.184136	-5.43076	0.0548549	2.67257	2.67257	6.34E-05	27.7399	27.7399	0.926597	0.959254	-1.04248	0.257593	0.586634	-1.70464	11.4867	37.0774	2.86921	1
cg15869463	LOC146880;LOC146880	0.00214639	0.0124848	2.52755	2.52755	0.0275707	2.17564	2.17564	0.260191	1.4196	1.4196	0.262045	1.41751	1.41751	0.0162199	2.40412	2.40412	0.0206982	2.29575	2.29575	0.000109694	7.62754	7.62754	0.000914545	4.3867	4.3867	0.631636	0.865797	-1.15501	9.44518	13.3139	1.25297	1
cg12854371	LOC146880;LOC146880	0.00244462	0.163744	1.37466	1.37466	0.154797	1.38549	1.38549	0.0491803	1.61731	1.61731	0.553143	1.13707	1.13707	0.0786868	1.51913	1.51913	0.00746662	2.0908	2.0908	0.000122716	4.19955	4.19955	0.0149171	1.89841	1.89841	0.019604	0.546724	-1.82908	9.09175	6.60154	0.645424	1
cg02598441	LOC146880;LOC146880	0.00519617	0.0260178	2.3356	2.3356	0.0253707	2.34747	2.34747	0.061379	1.96747	1.96747	0.321417	1.38947	1.38947	0.00458289	3.35976	3.35976	0.00803666	2.97532	2.97532	0.000920082	4.90293	4.90293	0.00241705	3.8824	3.8824	0.618194	0.851004	-1.17508	7.25279	11.8426	1.4514	1
cg08940787	LOC146880;LOC146880	0.00612671	0.0376765	3.0345	3.0345	0.591253	0.779104	-1.28353	0.106485	2.25146	2.25146	0.026288	0.297175	-3.36502	0.0426052	2.92961	2.92961	0.613493	0.790957	-1.26429	0.000683411	10.9014	10.9014	0.0127588	4.1564	4.1564	0.58943	0.77813	-1.28513	6.89451	23.1495	2.98459	1
cg11849086	LOC146880;LOC146880	0.00999978	0.0810045	2.11012	2.11012	0.014886	3.17732	3.17732	0.0401332	2.49771	2.49771	0.280083	1.54247	1.54247	0.971496	1.01389	1.01389	0.0920223	2.04598	2.04598	0.00079886	7.05861	7.05861	0.00328309	4.69414	4.69414	0.663158	0.844377	-1.18431	5.91066	13.9461	2.09732	1
cg14501219	LOC146880;LOC146880	0.0118396	0.193057	1.36849	1.36849	0.00448939	2.36981	2.36981	0.0160755	1.95608	1.95608	0.758514	1.07275	1.07275	0.166546	1.39924	1.39924	0.00508556	2.32416	2.32416	0.00241066	2.61842	2.61842	0.0600285	1.62121	1.62121	0.602918	0.887338	-1.12697	5.59788	4.59861	0.730214	1
cg17332379	LOC146880;LOC146880	0.0121727	0.17705	1.27158	1.27158	0.0645628	1.41575	1.41575	0.0527771	1.44576	1.44576	0.453019	0.879849	-1.13656	0.0497161	0.687392	-1.45477	0.362883	1.16952	1.16952	0.00432524	1.89395	1.89395	0.0060611	1.8224	1.8224	0.163738	0.779694	-1.28255	5.5477	2.4636	0.394734	1
cg17840858	LOC146880;LOC146880	0.0197962	0.388145	1.19101	1.19101	0.570374	0.892844	-1.12002	0.70183	0.926796	-1.07899	0.840287	1.04068	1.04068	0.376991	0.835973	-1.19621	0.213364	1.29559	1.29559	0.00378219	2.16441	2.16441	0.00343725	2.1932	2.1932	0.0928205	0.693873	-1.44119	4.72096	2.92022	0.549836	1
cg01720033	LOC146880;LOC146880	0.0297825	0.295104	1.17824	1.17824	0.935024	1.01239	1.01239	0.767024	1.0459	1.0459	0.473862	0.895802	-1.11632	0.307262	1.17311	1.17311	0.116088	1.29433	1.29433	0.0029818	1.85054	1.85054	0.190165	1.23318	1.23318	0.0155211	0.638639	-1.56583	4.0974	1.48089	0.321264	1
cg13717446	LOC146880;LOC146880	0.0394421	0.183108	1.71199	1.71199	0.0485212	2.35799	2.35799	0.531311	1.27298	1.27298	0.846637	0.928949	-1.07649	0.913158	1.0424	1.0424	0.130387	1.86226	1.86226	0.00485797	4.14275	4.14275	0.0382785	2.49395	2.49395	0.0775879	0.473955	-2.10991	3.70222	8.49462	2.03953	1
cg05721365	LOC146880;LOC146880	0.048386	0.549283	1.25948	1.25948	0.805595	1.09843	1.09843	0.499608	0.770343	-1.29812	0.404263	0.722581	-1.38393	0.636504	1.19871	1.19871	0.0934715	2.01862	2.01862	0.00621513	3.88909	3.88909	0.104336	1.96601	1.96601	0.0342771	0.39051	-2.56075	3.43056	7.87605	2.04075	1
cg19270197	LOC147804;ZNF761	0.0277544	0.0657854	0.792162	-1.26237	0.00439198	1.53609	1.53609	0.361478	1.11167	1.11167	0.558275	1.06909	1.06909	0.128958	1.2034	1.2034	0.386029	1.10549	1.10549	0.0133153	1.41351	1.41351	0.0777759	1.24758	1.24758	0.0570777	1.27501	1.27501	4.20079	0.847318	0.179293	1
cg00277927	LOC148145	0.00247416	0.0935365	0.622172	-1.60727	0.000153032	0.188203	-5.31341	0.0309334	0.521074	-1.91911	0.529965	0.849002	-1.17785	0.0023604	0.335779	-2.97815	0.132875	0.658905	-1.51767	0.00245002	0.338111	-2.95761	0.0218788	0.492775	-2.02932	0.0042046	0.372947	-2.68134	9.0597	9.49775	0.931868	1
cg10578996	LOC148145	0.00536501	0.0269458	0.615887	-1.62368	0.214207	0.78511	-1.27371	0.00015238	0.300664	-3.32597	0.103249	0.719137	-1.39056	0.782487	1.05253	1.05253	0.00807996	0.533883	-1.87307	0.890047	0.974735	-1.02592	0.0533943	0.666344	-1.50073	0.0235794	0.606424	-1.64901	7.1821	3.89318	0.481837	1
cg05341807	LOC148145	0.00581063	0.0551503	0.646317	-1.54723	0.0908346	0.687997	-1.4535	0.257548	0.788838	-1.26769	0.0897175	0.686924	-1.45577	0.00101139	0.375637	-2.66215	0.644019	1.09791	1.09791	0.00381161	2.18861	2.18861	0.0298374	0.598606	-1.67055	0.200413	0.762231	-1.31194	7.00813	4.47306	0.567348	1
cg09364980	LOC148145	0.0318934	0.125861	0.587242	-1.70288	0.219797	0.660541	-1.51391	0.0115234	0.362185	-2.76102	0.0631707	0.510862	-1.95748	0.00689898	0.324971	-3.0772	0.902317	1.04025	1.04025	0.118597	0.580122	-1.72378	0.00966091	0.349067	-2.86478	0.0384566	0.462666	-2.16139	3.99865	6.54181	1.45423	1
cg24415565	LOC148189	0.00094481	0.668127	1.21332	1.21332	0.000499771	0.0542844	-18.4215	0.00180282	0.10216	-9.78854	0.00130169	0.0879544	-11.3695	0.415644	1.45522	1.45522	?	?	?	0.00018139	0.0300483	-33.2798	0.331564	1.57342	1.57342	0.327545	0.632951	-1.5799	19.4196	52.11	2.01253	1
cg08220598	LOC148189	0.0117991	?	?	?	0.514139	0.639229	-1.56438	0.603052	1.42504	1.42504	0.0129748	0.105033	-9.52077	0.11923	0.309563	-3.23036	?	?	?	0.750254	0.806404	-1.24007	0.00101123	0.0215198	-46.4689	0.141644	2.98078	2.98078	7.73797	41.1151	4.55437	1
cg03751272	LOC148189	0.016187	0.191075	2.95219	2.95219	0.0544319	5.61567	5.61567	0.139152	3.4834	3.4834	0.44808	1.82402	1.82402	0.424889	0.53062	-1.88459	0.599119	1.50944	1.50944	0.000798885	0.0149378	-66.9443	0.635926	1.44783	1.44783	0.212982	2.78657	2.78657	5.66221	52.7491	7.24576	1
cg09064061	LOC148413	0.0320082	0.00441858	0.413366	-2.41916	0.037347	0.570162	-1.75389	0.479625	0.84612	-1.18186	0.03853	0.572739	-1.746	0.0123953	0.48492	-2.06219	0.0295415	0.511119	-1.81449	0.851691	1.04448	1.04448	0.218726	0.740239	-1.35092	0.0666504	0.619928	-1.61309	3.99351	3.41948	0.761118	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22785852	LOC148696	0.0125473	0.10718	0.691887	-1.44532	0.00239496	2.42603	2.42603	0.120173	1.42348	1.42348	0.127418	0.708032	-1.41237	0.422046	0.842161	-1.18742
cg24507760	LOC148696	0.036906	0.0139463	0.3345	-2.98954	0.899243	1.04674	1.04674	0.0476207	2.26346	2.26346	0.642804	1.18343	1.18343	0.0397889	0.424375	-2.35641
cg15888663	LOC148696	0.0462892	0.669567	1.12337	1.12337	0.0536061	1.81121	1.81121	0.223238	1.41456	1.41456	0.271198	1.36402	1.36402	0.0132824	2.29677	2.29677
cg00866662	LOC148709	0.0124946	0.999335	1.00044	1.00044	0.330026	1.70556	1.70556	0.420057	1.54892	1.54892	0.993747	0.995846	-1.00417	0.0338359	0.268194	-3.72865
cg06916670	LOC148709	0.0141026	0.00969192	0.498436	-2.00627	0.645982	1.10341	1.10341	0.154479	0.723053	-1.38302	0.0319703	1.70691	1.70691	0.0221262	0.557813	-1.79272
cg16511454	LOC148709	0.0381615	0.0525505	0.563573	-1.77439	0.0311503	0.51786	-1.93102	0.0847958	0.609025	-1.64197	0.239648	0.725897	-1.37761	0.0168458	0.468273	-2.13551
cg00097573	LOC148709	0.0413507	0.0942398	0.772564	-1.29439	0.639886	1.06832	1.06832	0.861385	0.975784	-1.02482	0.0276156	0.693979	-1.44097	0.0473237	0.727399	-1.37476
cg25139877	LOC148824	0.013319	0.0063976	0.0439721	-22.7417	0.00862991	0.0523935	-19.0863	0.0591337	0.153134	-6.53021	0.0788376	0.179311	-5.57691	0.012363	0.064403	-15.5272
cg12758973	LOC148824;OR2C3	0.00063606	0.202369	1.64086	1.64086	0.00136215	5.53109	5.53109	0.521718	0.787467	-1.26989	0.160616	1.73574	1.73574	0.00884116	0.293384	-3.4085
cg12754571	LOC148824;OR2C3	0.00128532	0.239641	1.71758	1.71758	0.18534	1.85339	1.85339	0.612047	0.798778	-1.25191	0.131658	2.044	2.044	0.0194365	0.289037	-3.45976
cg02104434	LOC148824;OR2C3	0.0136534	0.508082	0.81297	-1.23006	0.00277093	3.57001	3.57001	0.0619631	0.523001	-1.91204	0.183099	1.54594	1.54594	0.14923	0.620674	-1.61115
cg13930544	LOC148824;OR2C3	0.0166532	0.0449754	0.4618	-2.16544	0.109843	1.79551	1.79551	0.014568	0.364072	-2.74671	0.180566	1.61196	1.61196	0.374186	0.736158	-1.3584
cg04899629	LOC148824;OR2C3	0.0205588	0.582658	0.830792	-1.20367	0.0031489	3.84986	3.84986	0.424587	1.3131	1.3131	0.401277	1.33238	1.33238	0.984384	1.00656	1.00656
cg17545182	LOC148824;OR2C3	0.028333	0.0653296	0.315821	-3.16635	0.1425	2.40667	2.40667	0.101289	0.368031	-2.71716	0.362177	1.68504	1.68504	0.257294	0.517562	-1.93214
cg24873961	LOC148824;OR2C3	0.0315807	0.0351179	0.49199	-2.03256	0.286619	0.726332	-1.37678	0.209203	0.682161	-1.46593	0.435672	1.25837	1.25837	0.00420971	0.330369	-3.02692
cg23244254	LOC149134	0.00582048	0.862909	0.948708	-1.05406	0.580854	1.18519	1.18519	0.537642	0.826841	-1.20942	0.0310924	0.462583	-2.16178	0.000334988	0.171632	-5.82642
cg18950481	LOC149134	0.0251578	0.00498438	2.65615	2.65615	0.248957	1.37262	1.37262	0.0219519	2.05941	2.05941	0.00951936	2.37082	2.37082	0.657185	0.889233	-1.12456
cg09333723	LOC149620	0.00835135	0.581274	0.839793	-1.19077	0.0903109	0.557086	-1.79505	0.0306405	0.451126	-2.21668	0.0722968	0.533298	-1.87512	0.0718708	1.87729	1.87729
cg02815538	LOC149620	0.00997019	0.230698	0.586663	-1.70455	0.00299737	0.177901	-5.6211	0.0599741	0.40654	-2.45978	?	?	?	0.0173476	0.292593	-3.41771
cg21527708	LOC149620	0.034838	0.0778856	0.445247	-2.24595	0.0385824	0.371752	-2.68996	0.00698479	0.236717	-4.22445	0.109085	0.485967	-2.05775	0.11578	0.493619	-2.02585
cg25844605	LOC149837	0.0023099	0.00655409	0.112843	-8.86184	0.908052	0.93111	-1.07399	0.764997	1.20346	1.20346	0.346379	0.549326	-1.82041	0.607693	0.726225	-1.37698
cg08329597	LOC149837	0.00475278	0.00916674	0.303812	-3.2915	0.273166	0.663269	-1.50769	0.773533	1.10946	1.10946	0.24843	0.647674	-1.54399	0.883727	0.94868	-1.0541
cg21235746	LOC149837	0.00527329	0.0236259	0.30947	-3.23133	0.00223174	0.155886	-6.41493	0.984353	0.991525	-1.00855	0.580594	0.784887	-1.27407	0.966353	0.981858	-1.01848
cg20295248	LOC149837	0.00858015	0.0310788	0.283623	-3.5258	0.84736	1.10071	1.10071	0.190838	1.99309	1.99309	0.88415	0.929975	-1.0753	0.0218508	3.93549	3.93549
cg25958766	LOC149837	0.0116228	0.0658721	0.423884	-2.35914	0.0364814	0.363855	-2.74835	0.233958	1.68025	1.68025	0.901628	0.949871	-1.05277	0.0866865	2.19672	2.19672
cg03287299	LOC149837	0.0174241	0.103319	0.502344	-1.99067	0.0467506	0.41488	-2.41033	0.756557	0.88678	-1.12768	0.947574	0.974911	-1.02573	0.135428	1.86233	1.86233
cg16763089	LOC149837	0.0368342	0.0595926	0.268982	-3.71771	0.808523	1.16178	1.16178	0.344733	1.82409	1.82409	0.913986	1.06901	1.06901	0.0490507	4.006	4.006
cg10831901	LOC149837	0.0369927	0.0934666	0.3426	-2.91885	0.870186	0.909407	-1.09962	0.289529	0.528185	-1.89328	0.75998	1.19472	1.19472	0.151996	2.43769	2.43769
cg03228943	LOC150185	0.0001103	0.000108619	0.254811	-3.92448	0.000421998	0.326262	-3.06502	0.000271836	0.302283	-3.30815	0.00551713	0.481301	-2.0777	0.00124817	0.388577	-2.57349
cg14209618	LOC150185	0.000531651	0.478201	0.900678	-1.11027	0.00331087	1.78668	1.78668	0.832061	0.969661	-1.03129	0.349806	0.869682	-1.14984	1.29E-05	0.264662	-3.7784
cg02885464	LOC150185	0.0393422	0.475263	1.26739	1.26739	0.92898	0.971324	-1.02952	0.271823	0.688427	-1.45259	0.306961	1.41226	1.41226	0.0180173	0.391468	-2.55449
cg00819949	LOC150197	0.00561199	0.00236613	1.87234	1.87234	0.035641	1.43582	1.43582	0.0697351	0.740801	-1.34989	0.0264844	1.47572	1.47572	0.027718	0.680497	-1.46951
cg22982767	LOC150381	0.00336154	0.016987	0.445755	-2.24338	0.012053	2.38463	2.38463	0.0391643	1.93965	1.93965	0.168195	0.665221	-1.50326	0.169698	0.6663	-1.50082
cg01234420	LOC150381	0.0096581	0.23016	0.679471	-1.47173	0.00107259	4.40673	4.40673	0.00817282	2.82625	2.82625	0.358814	1.33593	1.33593	0.069414	0.536088	-1.86537
cg08007557	LOC150527;LOC150527	0.00733646	0.00168078	0.61457	-1.62715	0.469404	1.08306	1.08306	0.0107364	0.706425	-1.41558	0.122673	0.834162	-1.19881	0.0412111	1.29086	1.29086
cg01642084	LOC150568	0.0378554	0.0137912	0.243334	-4.10959	0.148826	0.4873	-2.05212	0.0775207	0.402114	-2.48685	0.945354	0.968675	-1.03234	0.0216936	0.278146	-3.59523
cg24478779	LOC150622	0.00401559	0.0212112	0.571245	-1.75056	0.0985098	0.693354	-1.44226	0.00341597	0.44748	-2.23474	0.257399	0.787492	-1.26985	0.000110611	0.252859	-3.95478
cg02969706	LOC150622	0.00777939	0.00416301	0.439096	-2.27741	0.0216652	0.553877	-1.80545	0.125341	0.700817	-1.42691	0.810629	1.05279	1.05279	0.000901752	0.344901	-2.89938
cg18002475	LOC150776	0.0082019	0.0198568	0.320182	-3.12322	0.147251	0.532648	-1.87741	0.00656933	0.239377	-4.17752	0.209297	0.585097	-1.70912	0.00862951	0.257604	-3.88193
cg21599215	LOC150786	0.000305876	0.00452389	0.415486	-2.40682	0.000296366	0.254662	-3.92677	0.0730187	0.628628	-1.59077	0.763247	0.932267	-1.07265	0.0282557	0.548072	-1.82458
cg03760336	LOC150786	0.00136467	0.01162	0.464356	-2.15352	0.00177892	0.338984	-2.95	0.0053691	2.43881	2.43881	0.408923	0.814334	-1.228	0.0879704	0.632612	-1.58075
cg11957128	LOC150786	0.0329869	0.745021	1.0563	1.0563	0.0381617	0.668101	-1.49678	0.00187812	0.477134	-2.09585	0.268766	0.824212	-1.21328	0.686397	0.934141	-1.0705
cg10751726	LOC150786;LOC150786	0.000260888	0.312082	1.55261	1.55261	0.564668	1.27755	1.27755	0.00978111	3.95228	3.95228	0.518589	0.75933	-1.31695	0.0491543	0.388772	-2.5722
cg07085827	LOC150786;LOC150786	0.0046554	0.368772	0.576957	-1.73323	0.276644	0.509582	-1.96239	0.0825843	3.14394	3.14394	0.56004	1.42064	1.42064	0.39793	0.597101	-1.67476
cg08348461	LOC151162	0.00299807	0.0341101	1.38993	1.38993	0.00136216	1.85705	1.85705	0.00332082	1.70298	1.70298	0.00891662	1.55744	1.55744	0.0348378	0.720719	-1.3875
cg00358456	LOC151162;MGAT5	0.000813615	0.00891368	0.68099	-1.46845	0.0594097	0.782155	-1.27852	0.00118338	0.577445	-1.73177	0.0645339	0.786816	-1.27095	0.070206	0.791597	-1.26327
cg12047086	LOC151174;LOC151174	0.00600356	0.709136	0.935829	-1.06857	0.0203927	0.609737	-1.64005	0.0371074	0.651554	-1.53479	0.0121354	0.575003	-1.73912	0.851591	1.03371	1.03371
cg10930290	LOC151300;LOC151300	4.29E-05	0.651983	1.09757	1.09757	0.00772337	2.01729	2.01729	0.000117495	0.250851	-3.98643	0.339821	1.22352	1.22352	0.483569	0.864157	-1.1572
cg00869158	LOC151300;LOC151300	0.000990042	0.0311366	0.441799	-2.26348	0.00651427	0.319243	-3.13241	0.236508	0.669947	-1.49266	0.305133	1.40907	1.40907	0.000147174	0.121437	-8.23469
cg19716702	LOC151300;LOC151300	0.0195055	0.734931	0.870847	-1.14831	0.271504	1.59333	1.59333	0.319129	0.657721	-1.5204	0.0919122	2.12773	2.12773	0.457085	1.36095	1.36095
cg17105139	LOC151534;LBX2	0.0276384	0.100431	0.453097	-2.20704	0.206726	1.79642	1.79642	0.43111	0.702239	-1.42402	0.0253347	3.22032	3.22032	0.169634	1.90323	1.90323
cg11985480	LOC151534;LBX2	0.0346787	0.421559	0.554906	-1.80211	0.332236	0.487947	-2.0494	0.108509	0.284839	-3.51075	0.306456	2.13723	2.13723	0.397592	0.53723	-1.8614
cg02100410	LOC151534;LBX2	0.0368234	0.0369998	3.23738	3.23738	0.140799	2.15623	2.15623	0.411993	1.50207	1.50207	0.0253206	3.63133	3.63133	0.0247434	0.273456	-3.6569
cg25251459	LOC151534;LBX2	0.045945	0.120931	1.8858	1.8858	0.744717	1.13115	1.13115	0.131511	0.541123	-1.84801	0.0509906	2.31278	2.31278	0.735405	0.879906	-1.13648
cg20726993	LOC151658;LOC151658	0.0128479	0.0909018	0.407241	-2.45555	0.0558999	2.84252	2.84252	0.0703515	2.65299	2.65299	0.728005	0.845006	-1.18342	0.00648497	0.181425	-5.51193
cg09670938	LOC152024	0.00577655	0.185456	0.684652	-1.4606	?	?	?	0.0060671	0.380284	-2.62961	0.35569	0.773885	-1.29218	0.537937	1.18325	1.18325
cg03578013	LOC152024	0.0152515	0.356533	1.27342	1.27342	0.0407026	0.547578	-1.82623	0.0253102	0.507744	-1.9695	0.0236561	1.99091	1.99091	0.51726	1.18217	1.18217
cg21910673	LOC152024	0.0196696	0.0116611	0.186524	-5.36123	0.00942155	0.173221	-5.77298	0.0119008	0.187838	-5.32375	0.0479044	0.299759	-3.33602	0.00758266	0.160498	-6.2306
cg25262261	LOC152217;NCBP2;NCBP2	0.00565727	0.000617296	0.16491	-6.06391	0.758797	1.11106	1.11106	0.773565	1.10367	1.10367	0.247543	0.661394	-1.51196	0.00274236	0.243276	-4.11056
cg14517067	LOC152217;NCBP2;NCBP2	0.00945948	0.00261396	0.19992	-5.00201	0.497303	1.2877	1.2877	0.0700528	0.470225	-2.12664	0.215748	1.61726	1.61726	0.0814664	2.05121	2.05121
cg15433422	LOC152217;NCBP2;NCBP2	0.0344023	0.0234947	0.766334	-1.30491	0.172869	0.86704	-1.15335	0.038403	0.789818	-1.26611	0.12355	1.17829	1.17829	0.0911217	1.20085	1.20085
cg05429448	LOC152225	0.00117146	0.00022194	0.225848	-4.42775	0.000230971	0.227823	-4.38937	0.0071769	0.43178	-2.31599	0.00149156	0.330144	-3.02898	0.0626291	0.60233	-1.66022
cg12963656	LOC152225	0.00200122	0.000406529	0.201827	-4.95473	0.000198296	0.168534	-5.93351	0.316166	0.744404	-1.34336	0.0195668	0.447739	-2.23344	0.173028	0.661676	-1.51131
cg03538833	LOC152225	0.0110613	0.981056	1.00664	1.00664	0.117726	0.622883	-1.60544	0.270006	0.726111	-1.3772	0.0276225	0.483981	-2.0662	0.000430307	0.211777	-4.72195
cg12239861	LOC152225	0.0313518	0.502435	0.758788	-1.31789	0.152848	1.86058	1.86058	0.091916	0.47121	-2.1222	0.100706	0.482334	-2.07325	0.00715164	0.244498	-4.09001
cg00670212	LOC152225	0.039455	?	?	?	0.0500319	0.234732	-4.26017	0.315291	0.509962	-1.96093	0.980667	0.984407	-1.01584	0.20638	0.42131	-2.37355
cg04233669	LOC153328	7.41E-05	0.00119807	0.397351	-2.51666	0.000354152	0.327756	-3.05105	0.000159792	0.285238	-3.50585	0.585657	1.11297	1.11297	0.000163632	0.286471	-3.49076
cg23408285	LOC153328	0.000223059	0.133762	0.69505	-1.43875	0.488839	1.17136	1.17136	0.000196395	0.24458	-4.08864	0.003878	0.416888	-2.39873	5.94E-06	0.1016	-9.84249
cg18918137	LOC153328	0.000351129	0.510939	1.10415	1.10415	0.0259551	0.675176	-1.4811	0.000294976	0.416419	-2.40143	0.0969604	1.31089	1.31089	0.000296797	0.416754	-2.3995
cg27362297	LOC153328	0.000755394	0.112153	0.809814	-1.23485	0.0554677	0.767423	-1.30306	0.000240925	0.476676	-2.09786	0.0472543	0.758165	-1.31897	0.000218942	0.471692	-2.12003
cg11793978	LOC153328	0.00182855	0.133158	1.29122	1.29122	0.47818	1.12048	1.12048	0.000513657	0.425114	-2.35231	0.63794	1.07764	1.07764	0.783622	0.957504	-1.04438
cg00089314	LOC153328	0.00253847	0.477974	1.2202	1.2202	0.0290125	0.491653	-2.03395	0.000217579	0.18245	-5.48097	0.0467047	1.87432	1.87432	0.47659	0.81901	-1.22099
cg09212372	LOC153328	0.00269588	0.566677	1.07798	1.07798	0.256861	1.16582	1.16582	0.0196201	0.69382	-1.4413	0.932165	0.989023	-1.0111	0.000180547	0.439686	-2.27435
cg00637688	LOC153328	0.00324484	0.618825	1.12505	1.12505	0.0283173	0.544327	-1.83713	0.0182678	0.51017	-1.96013	0.200106	0.727619	-1.37435	0.0027795	0.37949	-2.63511
cg15918259	LOC153328	0.0128012	0.850681	0.973898	-1.0268	0.312817	1.1578	1.1578	0.00981874	0.632478	-1.58108	0.238487	0.840904	-1.1892	0.0126595	0.647292	-1.5449
cg23345298	LOC153328	0.0433418	0.716004	0.832201	-1.20163	0.327302	0.601476	-1.66258	0.0542027	0.333391	-2.99948	0.00420493	0.145547	-6.87062	0.00986573	0.194096	-5.15208
cg16560847	LOC153328	0.0441609	0.00386743	0.465754	-2.14706	0.143398	1.3617	1.3617	0.0184027	0.57032	-1.7534	0.390666	0.84139	-1.18851	0.0976963	0.699934	-1.42871
cg18254356	LOC153684	0.00228437	0.285448	1.47628	1.47628	0.000417403	7.13412	7.13412	0.00690816	3.41301	3.41301	0.00473328	3.73364	3.73364	0.0780199	1.98878	1.98878
cg10801060	LOC153684	0.00731856	0.0226475	4.13929	4.13929	0.0036566	7.73728	7.73728	0.00822008	5.81172	5.81172	0.052893	3.14323	3.14323	0.0294865	3.79783	3.79783
cg23435915	LOC153684	0.0193968	0.0957722	2.54335	2.54335	0.00745952	5.79974	5.79974	0.0167533	4.43566	4.43566	0.0346587	3.51332	3.51332	0.19997	1.99532	1.99532
cg24921186	LOC153684	0.0420354	0.0771181	2.9502	2.9502	0.0279919	4.17458	4.17458	0.00650653	7.00516	7.00516	0.0786446	2.93038	2.93038	0.0731667	3.00402	3.00402
cg09385371	LOC153910;LOC153910	0.00960868	0.345501	0.704891	-1.41866	0.0802134	0.497284	-2.01092	0.018521	0.357722	-2.79546	0.00176512	0.201221	-4.96966	0.00217492	0.21264	-4.70278
cg01692809	LOC153910;LOC153910	0.0223316	0.0558086	0.378641	-2.64102	0.0212333	0.289	-3.46021	0.00606496	0.200646	-4.98389	0.0733493	0.408636	-2.44717	0.0237158	0.298157	-3.35394
cg14714614	LOC154449	0.00196455	0.00532337	0.434747	-2.30019	0.00841298	0.466035	-2.14576	0.117677	0.680136	-1.47029	0.0130776	0.497428	-2.01034	0.317989	0.791241	-1.26384
cg15709446	LOC154449	0.00388827	0.00363093	0.264857	-3.77563	0.0174806	0.376627	-2.65515	0.0115472	0.34429	-2.90453	0.226435	0.651324	-1.53533	0.00025887	0.131435	-7.60833
cg19049734	LOC154449	0.00411157	0.0470432	0.316072	-3.16384	0.0012619	0.0920757	-10.8606	0.000383523	0.056562	-17.6797	0.425677	0.662179	-1.51017	0.00666415	0.167972	-5.95337
cg11181583	LOC154449	0.0079401	0.00676155	0.662921	-1.50848	0.12342	0.822497	-1.21581	0.0268756	0.735666	-1.35931	0.000808881	0.553374	-1.8071	0.00746148	0.668038	-1.49692
cg26263239	LOC154449	0.0423279	0.0221275	0.314888	-3.17573	0.0463742	0.382493	-2.61443	0.0270389	0.332027	-3.0118	0.160376	0.531716	-1.8807	0.00890455	0.246164	-4.06234
cg11100258	LOC154761	0.000250041	0.0548142	1.19652	1.19652	0.00565851	1.34861	1.34861	0.00162615	1.45058	1.45058	0.215371	1.11341	1.11341	0.0241743	1.24786	1.24786
cg27307810	LOC154822	0.00302809	0.374143	1.23553	1.23553	0.00134	2.94653	2.94653	0.295344	0.777558	-1.28608	0.00572197	2.31626	2.31626	0.0215314	0.52726	-1.8966
cg04628014	LOC154822	0.016509	0.771756	1.05535	1.05535	0.100986	0.716992	-1.39472	0.499719	0.880821	-1.1353	0.355908	1.19231	1.19231	0.765199	0.946033	-1.05705
cg12877251	LOC157627	0.00109073	0.000283881	0.0946898	-10.5608	0.906443	0.957884	-1.04397	0.842833	1.07537	1.07537	0.0111198	3.34699	3.34699	?	?	?
cg00528902	LOC157627	0.0266993	0.0349105	0.226364	-4.41767	0.00409965	10.2506	10.2506	0.80058	0.858164	-1.16528	0.480341	0.6482	-1.54273	0.0882576	0.320873	-3.1165
cg14278808	LOC157627;MIR124-1	0.0167254	0.0806147	0.773212	-1.29331	0.0632593	0.757848	-1.31953	0.02188	1.44067	1.44067	0.615372	0.93497	-1.06955	0.149036	1.22801	1.22801
cg27416261	LOC158381;LOC158381	0.00813993	0.0217833	3.19726	3.19726	0.00612987	4.52548	4.52548	0.106183	2.10602	2.10602	0.112405	2.07417	2.07417	0.124394	2.0184	2.0184
cg21209395	LOC158381;LOC158381	0.0160691	0.0851276	2.40094	2.40094	?	?	?	0.191588	1.88912	1.88912	0.0946724	2.32832	2.32832	0.0182328	3.73829	3.73829
cg02276831	LOC158381;LOC158381	0.0224408	0.127493	1.79644	1.79644	0.924097	1.03445	1.03445	0.646223	0.848497	-1.17855	0.17181	1.67709	1.67709	0.560524	1.23271	1.23271
cg04593531	LOC158696	0.0390465	0.0175349	0.189963	-5.26419	0.042273	0.260771	-3.83478	0.0963085	0.350213	-2.8554	0.499546	0.674477	-1.48263	0.00475937	0.116052	-8.61682
cg01787735	LOC162632	0.000148624	0.0099023	0.628989	-1.58985	0.00566402	0.596623	-1.6761	0.181001	0.817033	-1.22394	0.000603347	0.471132	-2.12255	4.00E-06	0.217774	-4.59193
cg24205805	LOC162632	0.00755739	0.988244	0.997988	-1.00202	0.376006	0.883204	-1.13224	0.760148	0.959005	-1.04275	0.0355462	0.715679	-1.39728	0.000160858	0.414335	-2.4135
cg05530484	LOC162632	0.0162161	0.486135	0.721297	-1.38639	0.0940884	0.427502	-2.33917	0.229502	0.558719	-1.78981	0.00254259	0.144646	-6.91345	0.0141841	0.247339	-4.04303
cg24946860	LOC168474	0.0113156	0.475916	0.873708	-1.14455	0.0518809	0.66233	-1.50982	0.963705	1.00851	1.00851	0.0928979	1.41102	1.41102	0.000550907	0.368231	-2.71569
cg08476595	LOC169834	0.00179496	0.697044	0.883286	-1.13214	0.431243	0.775052	-1.29024	0.702714	0.885465	-1.12935	1.52E-05	0.0582096	-17.1793	0.715022	0.890187	-1.12336
cg08057136	LOC200726	0.00134886	0.460043	1.06743	1.06743	0.000379288	1.63654	1.63654	0.20466	1.12312	1.12312	0.0202894	0.784457	-1.27477	0.0108135	0.75751	-1.32012
cg25828350	LOC201651	1.03E-05	0.00604231	0.646607	-1.54654	0.269278	0.869465	-1.15013	0.00033803	0.495406	-2.01855	0.0321573	0.737046	-1.35677	2.24E-07	0.150238	-6.6561
cg13697715	LOC202181	0.0026976	0.00272158	0.329552	-3.03443	0.233223	1.3982	1.3982	0.436129	0.808115	-1.23745	0.0503304	1.81897	1.81897	0.000182755	0.18331	-5.45524
cg19111773	LOC202181	0.00279222	0.634727	1.07248	1.07248	0.000507602	0.451932	-2.21272	0.00161378	0.516317	-1.9368	0.112884	1.28699	1.28699	0.0689395	1.34662	1.34662
cg11270387	LOC202181	0.00496654	0.749395	0.881199	-1.13482	0.918081	0.960232	-1.04141	0.802306	1.10404	1.10404	0.107742	0.495714	-2.01729	0.462932	0.744158	-1.3438
cg16622511	LOC202181	0.0140608	0.0117571	0.580441	-1.72283	0.724535	0.940672	-1.06307	0.934682	0.985931	-1.01427	0.611243	0.915204	-1.09265	0.000495274	0.389651	-2.5664
cg02599225	LOC219347;C10orf57;LOC219347;LOC219347;LOC219347;LOC219347	0.00258571	0.917667	0.981769	-1.01857	0.397922	1.16651	1.16651	0.0765642	1.41983	1.41983	0.346882	1.18811	1.18811	0.308417	0.828953	-1.20634
cg17251097	LOC219347;LOC219347;C10orf57;LOC219347;LOC219347;LOC219347	0.0126159	0.900236	1.05488	1.05488	0.659761	1.2077	1.2077	0.460662	1.37706	1.37706	0.435309	1.40362	1.40362	0.00347446	0.184594	-5.4173
cg23181776	LOC219347;LOC219347;C10orf57;LOC219347;LOC219347;LOC219347	0.0149865	0.620592	0.903646	-1.10663	0.897325	0.974127	-1.02656	0.882119	0.970321	-1.03059	0.235137	0.776736	-1.28744	0.477891	1.15779	1.15779
cg00828616	LOC219347;LOC219347;C10orf57;LOC219347;LOC219347;LOC219347	0.0358619	0.191782	1.31768	1.31768	0.123384	0.716631	-1.39542	0.827753	1.04446	1.04446	0.957176	0.989337	-1.01078	0.00198754	0.418189	-2.39126
cg10577284	LOC219347;LOC219347;LOC219347;LOC219347;LOC219347;C10orf57	0.00112407	0.278392	0.866197	-1.15447	0.00121562	1.8285	1.8285	0.101416	1.2568	1.2568	0.111274	0.801651	-1.24743	0.289452	1.15042	1.15042
cg10247061	LOC220115	0.0275113	0.395359	0.917224	-1.09025	0.0950028	0.833509	-1.19975	0.0015549	0.636652	-1.57072	0.0163701	0.74731	-1.33813	0.0361522	0.78517	-1.27361
cg15562212	LOC220429	0.0132582	0.00713382	0.22677	-4.40975	0.138573	0.506187	-1.97556	0.0846384	0.442909	-2.2578	0.27276	0.614212	-1.6281	0.00385954	0.189695	-5.27163
cg27558133	LOC220429	0.0159235	0.281115	0.825213	-1.21181	0.572244	0.906768	-1.10282	0.0115434	0.581749	-1.71895	0.147012	0.765755	-1.3059	0.00173265	0.464744	-2.15172
cg20877507	LOC220429	0.0325442	0.323347	1.08253	1.08253	0.435906	1.06375	1.06375	0.240018	1.10037	1.10037	0.0231206	0.809649	-1.2351	0.129463	0.880415	-1.13583
cg25351687	LOC220729	0.00206832	0.0200644	0.781256	-1.27999	0.000236748	1.70911	1.70911	0.0231964	1.26973	1.26973	0.0141886	0.766244	-1.30507	0.0243953	0.789764	-1.2662
cg02746684	LOC220729	0.00301974	0.00322238	6.28105	6.28105	0.00659363	5.01625	5.01625	0.139582	2.06846	2.06846	0.0197841	3.62035	3.62035	0.24819	1.73652	1.73652
cg16543923	LOC220729	0.0115109	0.0587514	1.72131	1.72131	0.0239319	0.503894	-1.98454	0.803299	0.938486	-1.06555	0.0163733	2.10949	2.10949	0.193429	1.41917	1.41917
cg10135474	LOC221122	0.0157393	0.198276	0.556954	-1.79548	0.0498633	2.61913	2.61913	0.201078	1.78824	1.78824	0.736503	1.15647	1.15647	0.00238806	0.161659	-6.18585
cg15046507	LOC221122	0.0466342	0.740169	0.931273	-1.0738	0.995778	0.998869	-1.00113	0.136806	0.709711	-1.40902	0.173565	0.733613	-1.36312	0.00458651	0.44603	-2.242
cg23354250	LOC221442	0.00963054	0.000351654	0.352346	-2.83812	0.385152	1.17554	1.17554	0.557769	1.11369	1.11369	0.0603457	1.46926	1.46926	0.474321	1.1413	1.1413
cg02575768	LOC221442	0.0266328	0.861372	1.03031	1.03031	0.604523	0.914608	-1.09336	0.318562	0.838522	-1.19258	0.00368487	0.511402	-1.95541	0.741005	1.0583	1.0583
cg24772519	LOC221710	1.05E-06	0.843117	1.03453	1.03453	0.691141	0.93387	-1.07081	0.865133	1.02955	1.02955	0.390284	1.16279	1.16279	0.774116	0.951896	-1.05053
cg25867210	LOC221710	0.000706655	0.154988	0.621522	-1.60895	0.245878	0.684386	-1.46116	0.050525	0.498388	-2.00647	0.721172	1.11849	1.11849	7.17E-05	0.104296	-9.58811
cg19931206	LOC221710	0.00643346	0.299496	1.23318	1.23318	0.483192	1.14902	1.14902	0.211874	0.77387	-1.29221	0.281366	1.24389	1.24389	0.000601397	0.356433	-2.80557
cg02867650	LOC221710	0.0170364	0.294105	0.908902	-1.10023	0.838317	1.0181	1.0181	0.40432	0.927838	-1.07777	0.0717058	0.838197	-1.19304	0.108835	1.16591	1.16591
cg27233058	LOC221710	0.0479891	0.103481	0.756477	-1.32192	0.0493979	0.703655	-1.42115	0.25581	0.830345	-1.20432	0.0829448	0.740159	-1.35106	0.701337	1.06225	1.06225
cg15566405	LOC221710;HERV-FRD	4.90E-05	0.0317786	0.639459	-1.56382	0.110114	1.36256	1.36256	0.401418	1.16483	1.16483	0.0100249	0.561313	-1.78154	3.92E-06	0.148363	-6.74021
cg12183549	LOC221710;HERV-FRD	0.0108692	0.0299539	0.734411	-1.36163	0.013279	0.690118	-1.44903	0.235688	1.16208	1.16208	0.670734	1.05305	1.05305	0.00188837	0.587193	-1.70302
cg08039050	LOC221710;LOC221710	0.000365683	0.521217	1.10872	1.10872	0.0517504	0.703705	-1.42105	0.213383	0.812211	-1.23121	0.358941	0.860936	-1.16153	0.0231498	0.649861	-1.53879
cg18649503	LOC222699	0.00303485	0.275593	1.31925	1.31925	0.000414775	0.254524	-3.92891	0.00189072	0.341056	-2.93207	0.155209	0.689657	-1.45	0.0229399	0.514452	-1.94382
cg20110349	LOC222699	0.00444269	0.0306803	0.492951	-2.0286	0.856524	0.950826	-1.05172	0.644428	0.878551	-1.13824	0.110687	0.616154	-1.62297	0.063174	0.558648	-1.79004
cg02649189	LOC222699	0.00665144	0.12322	0.816692	-1.22445	0.0309013	0.735408	-1.35979	0.0853845	0.794045	-1.25937	0.508162	1.08481	1.08481	0.242988	0.862291	-1.1597
cg12898275	LOC222699	0.0081152	0.0626632	0.502132	-1.99151	0.136889	1.69375	1.69375	0.491422	0.794675	-1.25838	0.386757	0.746944	-1.33879	0.0767668	0.523465	-1.91035

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22785852	0.318027	0.805591	-1.24132	0.017052	0.543787	-1.83896	0.0679053	1.53465	1.53465	0.345305	0.815797	-1.2258	5.49329	3.81698	0.61764	1
cg24507760	0.123031	0.547443	-1.82668	0.0346646	0.411452	-2.43042	0.350213	1.41446	1.41446	0.235747	0.638858	-1.56529	3.79338	7.81246	1.83067	1
cg15888663	0.135692	1.54617	1.54617	0.0310362	1.98591	1.98591	0.919985	0.973137	-1.0276	0.0415041	0.528847	-1.89091	3.48836	4.05765	1.03395	1
cg00866662	0.96349	0.975981	-1.02461	0.000268907	0.0417999	-23.9235	0.162488	0.452927	-2.20786	0.64925	0.784114	-1.27533	5.50082	24.5779	3.9716	1
cg06916670	0.255124	0.776637	-1.2876	0.0358858	1.68098	1.68098	0.137194	0.711337	-1.4058	0.0325169	0.587172	-1.70308	5.28718	3.79049	0.637262	1
cg16511454	0.0368899	0.532249	-1.87882	0.00355596	0.357823	-2.79468	0.0981345	0.62375	-1.60321	0.236113	0.723975	-1.38126	3.74732	4.01725	0.952918	1
cg00097573	0.0288076	0.696556	-1.43564	0.0595289	0.742085	-1.34756	0.467283	1.10932	1.10932	0.0662292	1.33507	1.33507	3.63826	1.13359	0.276955	1
cg25139877	0.0484912	0.137386	-7.27878	0.00354402	0.0307882	-32.4799	0.0141765	0.0695964	-14.3686	0.0306211	0.106806	-9.36274	5.38728	66.1648	10.917	1
cg12758973	0.00182982	5.09939	5.09939	6.63E-05	14.7501	14.7501	0.0101199	3.2993	3.2993	0.0609714	2.17495	2.17495	13.3644	28.6534	1.90579	1
cg12754571	0.00559576	4.94409	4.94409	3.67E-05	32.7464	32.7464	0.17911	1.8719	1.8719	0.0455266	2.73853	2.73853	10.9546	33.4816	2.7168	1
cg02104434	0.0394877	2.0844	2.0844	0.0113901	2.65599	2.65599	0.236778	1.46561	1.46561	0.613137	0.854507	-1.17027	5.34369	8.04891	1.33888	1
cg13930544	0.290817	0.692041	-1.445	0.00660514	3.26797	3.26797	0.662364	0.862826	-1.15898	0.0583126	0.4875	-2.05128	5.00382	8.93647	1.58749	1
cg04899629	0.0173705	2.63156	2.63156	0.00242788	4.09617	4.09617	0.163994	1.64227	1.64227	0.741363	1.11699	1.11699	4.66066	8.23593	1.57077	1
cg17545182	0.242749	1.97593	1.97593	0.150804	0.424089	-2.358	0.00390377	0.114819	-8.70936	0.0502557	0.288402	-3.46738	4.17037	20.4994	4.36933	1
cg24873961	0.24528	1.42075	1.42075	0.0830818	1.74103	1.74103	0.360391	1.31221	1.31221	0.224926	0.691894	-1.44531	4.01276	5.30678	1.17553	1
cg23244254	0.753891	0.90863	-1.10056	0.00129878	0.239961	-4.16734	0.406708	0.772141	-1.2951	0.0414704	0.488547	-2.04688	7.00447	10.2967	1.30668	1
cg18950481	0.0323633	1.93193	1.93193	0.310819	1.31734	1.31734	0.0150309	2.19366	2.19366	0.468981	1.21366	1.21366	4.3477	4.7567	0.972507	1
cg09333723	0.0283678	0.44437	-2.25038	0.000490243	0.180559	-5.53834	0.562128	0.832179	-1.20166	0.0245978	0.432103	-2.31426	6.25879	9.73842	1.38307	1
cg02815538	0.0156195	0.284415	-3.51599	0.00372048	0.18975	-5.2701	0.0211427	0.308556	-3.2409	0.0143271	0.277828	-3.59935	6.03467	15.2836	2.53264	1
cg21527708	0.861906	1.07455	1.07455	0.121301	0.499707	-2.00117	0.055985	0.409001	-2.44498	0.00527092	0.218885	-4.56861	3.87363	10.4633	2.40102	1
cg25844605	0.00973131	0.132638	-7.53933	0.000173584	0.0194891	-51.3107	0.000608698	0.0382598	-26.1371	0.112154	0.343488	-2.91131	9.24435	55.8784	5.37298	1
cg08329597	0.0060438	0.274984	-3.63657	0.000697732	0.155384	-6.43567	0.000847768	0.164337	-6.08505	0.225051	0.632073	-1.5821	7.45291	15.2992	1.8247	1
cg21235746	0.0601866	0.398488	-2.50949	0.000402788	0.0869808	-11.4968	0.0138177	0.266959	-3.74589	0.413164	1.43781	1.43781	7.22015	21.5411	2.65197	1
cg20295248	0.0340959	0.291897	-3.42586	0.00290704	0.130334	-7.67258	0.0155322	0.22814	-4.38327	0.189083	1.9992	1.9992	6.20558	24.3667	3.49029	1
cg25958766	0.0406119	0.374087	-2.67317	0.00132515	0.14341	-6.973	0.0357449	0.361939	-2.76289	0.623494	1.22848	1.22848	5.63148	15.4272	2.43507	1
cg03287299	0.0820494	0.474982	-2.10534	0.0012037	0.159982	-6.2507	0.0229698	0.349568	-2.86067	0.557219	1.25783	1.25783	4.92865	11.655	2.10199	1
cg16763089	0.183792	0.418564	-2.38912	0.00879668	0.127385	-7.85019	0.0344007	0.217845	-4.59042	0.481909	1.55499	1.55499	3.79607	22.9343	5.37029	1
cg10831901	0.105373	0.357984	-2.79342	0.00190009	0.0777146	-12.8676	0.0698155	0.308137	-3.24531	0.91275	1.06571	1.06571	3.79013	20.2362	4.74594	1
cg03228943	6.56E-05	0.230295	-4.34226	0.000142358	0.26844	-3.72523	0.000546807	0.340743	-2.93476	0.00014026	0.267684	-3.73575	21.5671	13.7278	0.565793	1
cg14209618	0.185753	1.22575	1.22575	0.0659647	1.34888	1.34888	0.875395	0.977491	-1.02303	0.977146	0.995853	-1.00416	14.049	4.68328	0.296313	1
cg02885464	0.167385	1.61664	1.61664	0.0174638	0.388945	-2.57106	0.073534	1.91781	1.91781	0.144074	1.66897	1.66897	3.70568	6.25198	1.49968	1
cg00819949	0.486385	1.11029	1.11029	0.00682593	1.67931	1.67931	0.270038	0.843756	-1.18518	0.414877	0.884012	-1.13121	7.08355	2.45483	0.308048	1
cg22982767	0.00957528	2.4858	2.4858	0.109464	1.62321	1.62321	0.000805246	4.06997	4.06997	0.147637	1.53914	1.53914	8.27303	10.0953	1.08468	1
cg01234420	0.226684	1.47643	1.47643	0.964686	1.01368	1.01368	0.0328081	2.15213	2.15213	0.0820411	1.80655	1.80655	5.97666	8.9187	1.32645	1
cg08007557	0.764557	1.0331	1.0331	0.0488319	1.2762	1.2762	0.0230872	0.744883	-1.34249	0.422109	0.91494	-1.09297	6.51884	1.21334	0.165447	1
cg01642084	0.0208964	3.63486	3.63486	0.993152	0.996023	-1.00399	0.427912	0.68675	-1.45613	0.87083	1.07848	1.07848	3.75837	12.8313	3.03472	1
cg24478779	0.142534	0.72716	-1.37521	0.63749	1.10069	1.10069	0.786156	0.946517	-1.05651	0.0494911	0.635688	-1.5731	7.84329	5.075	0.575155	1
cg02969706	0.460818	0.851371	-1.17458	0.10086	0.680389	-1.46975	0.152371	0.719973	-1.38894	0.00238607	0.403598	-2.47772	6.40016	4.65529	0.646552	1
cg18002475	0.543077	0.779326	-1.28316	0.000645622	0.120031	-8.33121	0.576527	0.795718	-1.25673	0.00714671	0.244897	-4.08335	6.29454	16.3532	2.30934	1
cg21599215	0.297914	0.778402	-1.28468	0.00187966	2.78252	2.78252	0.000121697	4.74822	4.74822	0.428258	0.828813	-1.20654	16.363	13.9681	0.758791	1
cg03760336	0.305521	0.772589	-1.29435	0.708387	0.912683	-1.09567	0.000334061	4.08498	4.08498	0.91871	1.02514	1.02514	10.7682	10.085	0.832495	1
cg11957128	0.15568	1.29043	1.29043	0.064381	0.705548	-1.41734	0.15202	0.772928	-1.29378	0.259566	0.820857	-1.21824	3.95062	1.76271	0.396609	1
cg10751726	0.773774	0.885813	-1.12891	0.000353133	0.0894087	-11.1846	1.51E-05	43.4518	43.4518	0.660281	0.830208	-1.20452	17.0902	47.907	2.49172	1
cg07085827	0.819292	1.14607	1.14607	0.316081	0.53926	-1.85439	7.81E-05	70.6931	70.6931	0.689063	1.27079	1.27079	7.49999	42.1646	4.9973	1
cg08348461	0.0127281	1.51014	1.51014	0.53392	1.0875	1.0875	0.00292826	1.72327	1.72327	0.0714145	1.30747	1.30747	8.55979	2.40364	0.249606	1
cg00358456	0.234562	0.866002	-1.15473	9.85E-05	2.22222	2.22222	0.129801	0.827822	-1.20799	0.0519354	0.774648	-1.29091	12.4727	2.63358	0.187687	1
cg12047086	0.0085771	1.81023	1.81023	0.00292681	2.06161	2.06161	0.367467	1.17805	1.17805	0.531894	0.893978	-1.1186	6.93789	3.44244	0.441049	1
cg10930290	0.681794	1.08822	1.08822	3.97E-06	0.110944	-9.01353	0.00217469	0.413951	-2.41574	7.58E-05	0.229466	-4.35794	27.7289	18.4672	0.591992	1
cg00869158	0.744213	0.899667	-1.11152	0.00025939	0.143608	-6.96342	0.644322	1.16198	1.16198	0.0022177	0.250472	-3.99246	11.8	19.4902	1.46819	1
cg19716702	0.114344	2.01152	2.01152	0.0555964	0.413658	-2.41746	0.00402201	0.207515	-4.81893	0.0178153	0.309676	-3.22918	4.7447	12.4439	2.33128	1
cg17105139	0.630023	0.807746	-1.23801	0.0198192	0.290117	-3.44689	0.0690162	0.408587	-2.44746	0.0524864	2.63779	2.63779	4.20698	12.8934	2.72422	1
cg11985480	0.0201527	0.133941	-7.46599	0.00152452	0.0378664	-26.4087	0.133975	0.313691	-3.18785	0.939588	1.05588	1.05588	3.88005	31.6207	7.24406	1
cg02100410	0.469639	0.699921	-1.42873	0.0520376	0.342319	-2.92125	0.887561	0.933685	-1.07103	0.497565	1.39656	1.39656	3.79648	14.1444	3.31171	1
cg25251459	0.140998	0.550351	-1.81702	0.0239758	0.362104	-2.76164	0.0444384	2.38849	2.38849	0.336879	1.45277	1.45277	3.49816	7.88233	2.00292	1
cg20726993	0.32335	1.63564	1.63564	0.0155225	4.18622	4.18622	0.0342528	3.29198	3.29198	0.107231	2.33517	2.33517	5.45106	20.087	3.27553	1
cg09670938	0.781524	1.0779	1.0779	0.0011995	0.277929	-3.59804	0.247703	0.721754	-1.38551	0.00112577	0.274295	-3.64571	7.16945	7.34735	1.02481	1
cg03578013	0.0566217	1.73325	1.73325	0.00561649	2.52605	2.52605	0.278493	1.33271	1.33271	0.182116	1.43471	1.43471	5.15227	5.30132	0.914604	1
cg21910673	0.176978	0.465583	-2.14785	0.0107881	0.181574	-5.5074	0.0802964	0.355747	-2.81098	0.072379	0.343669	-2.90978	4.73125	21.2634	3.99489	1
cg25262261	0.072581	0.504084	-1.9838	0.362071	0.7259	-1.3776	0.0325857	0.425166	-2.35203	0.00253469	0.238626	-4.19066	7.06607	13.0853	1.64608	1
cg14517067	0.0382595	2.45918	2.45918	0.00711664	0.265359	-3.76848	0.15231	1.76356	1.76356	0.659607	0.850079	-1.17636	6.85009	14.234	1.61616	1
cg15433422	0.967339	0.995981	-1.00404	0.0797991	1.21071	1.21071	0.0747524	1.21558	1.21558	0.442569	1.08005	1.08005	3.89129	0.596192	0.136188	1
cg05429448	0.201307	0.721425	-1.38615	0.0280738	0.533809	-1.87333	0.271293	0.75797	-1.31931	0.00176068	0.340186	-2.93956	11.2488	10.4304	0.824221	1
cg12963656	0.954083	1.01654	1.01654	0.166396	0.656857	-1.5224	0.00893907	0.387817	-2.57853	0.00365078	0.326325	-3.06443	9.64019	12.386	1.14207	1
cg03538833	0.432418	0.799916	-1.25013	0.900158	1.03559	1.03559	0.947256	1.01861	1.01861	0.0048668	0.353379	-2.82982	5.72226	7.0368	1.09309	1
cg12239861	0.0402655	0.382533	-2.61415	0.408258	0.709621	-1.4092	0.47604	1.34164	1.34164	0.0110725	0.274728	-3.63997	4.0232	10.4793	2.3153	1
cg00670212	0.852739	0.886464	-1.12808	0.270631	2.10407	2.10407	0.0128191	0.134696	-7.42414	0.00587211	0.096486	-10.3642	3.76014	22.266	5.92158	1
cg04233669	4.08E-05	0.21829	-4.58106	3.25E-05	0.20791	-4.80978	0.00243359	0.440217	-2.27161	0.000512802	0.348336	-2.87079	23.9831	14.3612	0.532274	1
cg23408285	0.0244277	0.547086	-1.82787	0.0139357	0.504989	-1.98024	0.137665	0.697949	-1.43277	0.00502433	0.433956	-2.30438	17.8349	14.2919	0.712305	1
cg18918137	0.290606	1.17699	1.17699	0.00133052	0.499875	-2.0005	0.000915567	0.478878	-2.08821	0.000515341	0.44696	-2.23734	15.7553	5.50943	0.310833	1
cg27362297	0.272534	1.14945	1.14945	0.700609	0.953976	-1.04824	0.000158141	0.454771	-2.19891	0.342023	0.887456	-1.12682	12.7359	3.00001	0.209383	1
cg11793978	0.161706	1.26585	1.26585	0.565519	0.912429	-1.09598	0.680674	1.06746	1.06746	0.000138225	0.353695	-2.8273	9.8965	3.90087	0.35037	1
cg00089314	0.0717365	1.74132	1.74132	0.027118	2.05779	2.05779	0.0318933	2.00107	2.00107	0.523131	1.19545	1.19545	8.99152	10.8369	1.07132	1
cg09212372	0.0612263	1.3145	1.3145	0.0359901	1.37198	1.37198	0.0265321	1.40625	1.40625	0.838431	1.02682	1.02682	8.83337	2.35158	0.236636	1
cg00637688	0.0013925	0.336824	-2.96891	0.000744747	0.300397	-3.32893	0.255839	1.32137	1.32137	0.033309	0.557439	-1.79392	8.36071	7.30839	0.777009	1
cg15918259	0.610527	0.930447	-1.07475	0.0107952	1.56743	1.56743	0.592178	1.07885	1.07885	0.0106252	0.637065	-1.5697	5.45753	1.70255	0.2773	1
cg23345298	0.451097	0.679765	-1.4711	0.0204863	0.245683	-4.07028	0.31682	0.594376	-1.68244	0.209825	0.514565	-1.94339	3.5753	14.3112	3.55804	1
cg16560847	0.217297	0.775023	-1.29028	0.655681	1.09212	1.09212	0.585488	0.897509	-1.11419	0.679244	0.921603	-1.08507	3.55042	2.1678	0.542732	1
cg18254356	0.226538	1.56177	1.56177	0.0109814	0.326136	-3.06621	0.00701531	3.40072	3.40072	0.0354914	2.362	2.362	9.27451	18.1075	1.73546	1
cg10801060	0.0311197	3.73189	3.73189	0.02167	0.238119	-4.19958	0.0291684	3.81125	3.81125	0.100369	2.55224	2.55224	6.52382	27.9961	3.81454	1
cg23435915	0.310253	1.70865	1.70865	0.0326575	0.279301	-3.58037	0.0229495	4.00729	4.00729	0.708928	1.21085	1.21085	4.75369	19.5991	3.66482	1
cg24921186	0.123152	2.50764	2.50764	0.190329	0.466067	-2.14561	0.0747552	2.98194	2.98194	0.451324	1.52566	1.52566	3.61619	17.3533	4.26558	1
cg09385371	0.409054	0.73792	-1.35516	0.149162	0.573045	-1.74506	0.0272718	0.390504	-2.56079	0.0041615	0.250959	-3.98471	5.98645	12.284	1.82396	1
cg01692809	0.0761235	0.412903	-2.42188	0.00589535	0.198934	-5.0268	0.821676	1.10648	1.10648	0.0461709	0.359181	-2.78411	4.53061	14.4144	2.82804	1
cg14714614	0.476015	0.848393	-1.1787	8.13E-05	0.199436	-5.01414	0.0883796	0.652787	-1.53189	0.00123883	0.342682	-2.91815	9.69226	7.8997	0.724491	1
cg15709446	0.0280393	0.416436	-2.40133	0.0314165	0.426541	-2.34444	0.255144	1.49341	1.49341	0.0677956	0.501266	-1.99495	7.91978	14.294	1.60431	1
cg19049734	0.0254015	0.260185	-3.84342	0.00853156	0.182535	-5.4784	0.0258087	0.261502	-3.82406	0.256926	0.549035	-1.82138	7.7876	31.6721	3.6151	1
cg11181583	0.108105	0.814418	-1.22787	0.639352	1.05682	1.05682	0.0127814	0.696155	-1.43646	0.039544	0.756703	-1.32152	6.35917	1.38101	0.193038	1
cg26263239	0.105542	0.474853	-2.10592	0.0404844	0.369141	-2.70899	0.614996	0.807678	-1.23812	0.0229244	0.317855	-3.14609	3.6069	10.1335	2.49731	1
cg11100258	0.00229227	1.42072	1.42072	0.30042	1.09242	1.09242	1.36E-05	2.11518	2.11518	6.04E-05	1.84137	1.84137	17.2892	1.85816	0.0955338	1
cg27307810	0.0050913	2.35923	2.35923	0.0110301	2.09421	2.09421	0.017962	1.94768	1.94768	0.636838	0.895604	-1.11656	8.53449	7.26522	0.756691	1
cg04628014	0.159783	1.32079	1.32079	0.000395172	2.84394	2.84394	0.555015	0.895308	-1.11693	0.702064	0.931283	-1.07379	5.01837	2.72679	0.482989	1
cg12877251	0.06654	0.464607	-2.15236	0.000286993	0.0950859	-10.5168	0.103683	0.516677	-1.93544	0.0136611	0.315065	-3.17395	14.2384	26.2792	1.61495	1
cg00528902	0.608249	0.731663	-1.36675	0.0760141	0.303246	-3.29765	0.0434907	0.245846	-4.06758	0.955838	1.03403	1.03403	4.25835	24.6309	5.14146	1
cg14278808	0.0159539	0.675921	-1.47946	0.00647526	0.625102	-1.59974	0.875551	0.979412	-1.02102	0.474668	1.10131	1.10131	4.99661	1.39425	0.248035	1
cg27416261	0.991458	0.995491	-1.00453	0.000637011	9.1536	9.1536	0.00458275	4.9195	4.9195	0.0298648	2.94108	2.94108	6.30961	17.8062	2.50851	1
cg21209395	0.149625	2.03562	2.03562	0.00186718	7.61704	7.61704	0.00569599	5.30354	5.30354	0.0287743	3.27574	3.27574	5.15891	15.3751	2.98029	1
cg02276831	0.0771222	0.497266	-2.011	0.000937602	5.78222	5.78222	0.0589756	2.13408	2.13408	0.867963	0.942571	-1.06093	4.52302	9.05141	1.77883	1
cg04593531	0.0981164	0.35258	-2.83624	0.642979	1.30762	1.30762	0.657154	0.773627	-1.29261	0.0260755	0.219335	-4.55924	3.71596	19.4295	4.64771	1
cg01787735	0.689831	0.944521	-1.05874	0.423504	1.12334	1.12334	0.00058414	0.469359	-2.13057	0.00454396	0.584003	-1.71232	19.9063	6.38253	0.285003	1
cg24205805	0.178719	0.822589	-1.21567	0.0787512	1.3059	1.3059	0.467487	0.903872	-1.10635	0.188071	0.826396	-1.21007	6.45856	1.9116	0.263092	1
cg05530484	0.00457919	0.17505	-5.71264	0.100431	0.435694	-2.29519	0.0066302	0.196555	-5.08764	0.141194	0.481657	-2.07617	5.0484	17.0408	3.00044	1
cg24946860	0.29001	0.815032	-1.22695	0.100796	1.39758	1.39758	0.399088	0.851479	-1.17443	0.0564764	0.668864	-1.49507	5.68045	3.12055	0.48831	1
cg08476595	0.628641	1.16719	1.16719	0.200192	0.650991	-1.53612	0.810876	0.926773	-1.07901	0.910294	1.0364	1.0364	9.94987	15.8572	1.41663	1
cg08057136	0.167913	1.13598	1.13598	0.0537475	0.826952	-1.20926	0.00967771	0.752768	-1.32843	0.00732896	1.34973	1.34973	10.8042	1.28788	0.105956	1
cg25828350	0.00747689	0.657909	-1.51997	0.000210977	0.47085	-2.12382	0.0850471	0.793331	-1.26051	8.50E-06	0.307814	-3.24871	40.3006	9.43501	0.208103	1
cg13697715	0.20009	0.695605	-1.4376	0.0171842	0.459036	-2.17848	0.570456	1.16622	1.16622	0.443694	0.811056	-1.23296	8.83171	10.0587	1.01239	1
cg19111773	0.291421	0.852091	-1.17358	0.0336444	1.43734	1.43734	0.152104	0.799062	-1.25147	0.133126	0.789069	-1.26732	8.74217	2.95987	0.300954	1
cg11270387	0.411443	0.717209	-1.39429	8.73E-05	0.0466267	-21.447	0.0116096	0.275272	-3.63277	0.849357	1.0779	1.0779	8.53299	20.5818	1.87602	1
cg16622511	0.0648854	0.698827	-1.43097	0.779387	0.952617	-1.04974	0.321064	1.19389	1.19389	0.472417	1.13466	1.13466	5.29234	2.50446	0.420643	1
cg02599225	0.21432	0.792442	-1.26192	5.01E-05	0.258312	-3.87129	0.416881	1.15909	1.15909	0.182961	1.28589	1.28589	8.9428	4.48469	0.445765	1
cg17251097	0.00131214	0.13638	-7.33244	0.606013	1.2481	1.2481	0.468306	1.36934	1.36934	0.132652	1.99606	1.99606	5.48354	15.7588	2.55453	1
cg23181776	0.597465	0.897447	-1.11427	0.00665832	2.04404	2.04404	0.947106	0.986619	-1.01356	0.000862266	0.362133	-2.76142	5.18224	3.38376	0.580402	1
cg00828616	0.431495	1.17384	1.17384	0.197165	0.761709	-1.31284	0.0997469	1.43353	1.43353	0.510186	0.875149	-1.14266	3.83318	2.41968	0.561107	1
cg10577284	0.00162185	0.562304	-1.7784	0.000904503	0.531136	-1.88276	0.00446777	0.616784	-1.62131	0.302872	0.872831	-1.1457	11.3819	2.92785	0.228655	1
cg10247061	0.733818	1.03446	1.03446	0.859121	1.01779	1.01779	0.0625526	0.812173	-1.23127	0.334911	0.906006	-1.10375	4.21381	0.657554	0.138709	1
cg15562212	0.00943659	0.245394	-4.07508	0.00234877	0.163204	-6.12729	0.229156	0.583417	-1.71404	0.0365774	0.354407	-2.82162	5.39535	15.5805	2.5669	1
cg27558133	0.0144883	0.596537	-1.67634	0.294254	0.829808	-1.2051	0.111059	0.742518	-1.34677	0.00400532	0.515194	-1.94102	5.07908	2.3658	0.414038	1
cg20877507	0.0110767	0.780621	-1.28103	0.81986	1.01789	1.01789	0.295035	1.0881	1.0881	0.0220922	0.807849	-1.23786	3.96982	0.380032	0.0850935	1
cg25351687	0.409612	0.928481	-1.07703	0.399461	1.07886	1.07886	0.134076	0.867472	-1.15278	0.973281	0.997057	-1.00295	9.54793	1.17087	0.109006	1
cg02746684	0.13448	2.09125	2.09125	0.000237494	16.1728	16.1728	0.00166895	7.8103	7.8103	0.0127562	4.1148	4.1148	8.54149	28.2735	2.94234	1
cg16543923	0.0146992	2.14677	2.14677	0.00813757	0.422423	-2.36729	0.97474	0.991978	-1.00809	0.515756	0.845662	-1.18251	5.64912	5.78976	0.911019	1
cg10135474	0.326779	0.646752	-1.54619	0.00532152	0.205824	-4.85851	0.57068	0.781391	-1.27977	0.500828	0.745178	-1.34196	5.09876	14.9634	2.60863	1
cg15046507	0.0236441	0.560988	-1.78257	0.0178766	0.540194	-1.85119	0.236984	0.767151	-1.30352	0.0516329	0.622562	-1.60626	3.47863	2.52178	0.644385	1
cg23354250	0.237152	1.25227	1.25227	0.139799	0.749319	-1.33454	0.110542	0.729161	-1.37144	0.730077	0.939026	-1.06493	5.98211	3.12591	0.464483	1
cg02575768	0.25567	1.22474	1.22474	0.00255372	0.489211	-2.04411	0.969999	0.993595	-1.00645	0.859863	1.03065	1.03065	4.26207	1.97015	0.41089	1
cg24772519	0.946179	1.01163	1.01163	7.64E-09	0.016461	-60.7495	0.28413	1.21002	1.21002	0.709292	1.06626	1.06626	72.3485	33.633	0.413222	1
cg25867210	0.00698043	0.336094	-2.97536	8.47E-05	0.10993	-9.09673	0.577036	0.838569	-1.19251	0.00385433	0.296187	-3.37625	12.9765	20.0671	1.3746	1
cg19931206	0.0026742	0.445159	-2.24639	0.14064	0.734219	-1.36199	0.106945	0.709599	-1.40925	0.0279673	0.602806	-1.65891	6.79101	4.08679	0.534928	1
cg02867650	0.866814	0.985375	-1.01484	0.0336128	1.2434	1.2434	0.480596	1.06496	1.06496	0.000986061	1.53702	1.53702	4.96593	0.605942	0.108462	1
cg27233058	0.0182674	1.5667	1.5667	0.0989304	1.32781	1.32781	0.230624	0.821115	-1.21786	0.438274	0.88346	-1.13191	3.44126	1.3387	0.34579	1
cg15566405	0.790078	1.04854	1.04854	9.86E-06	0.184958	-5.40663	0.0918599	1.39055	1.39055	0.0711236	0.698974	-1.43067	26.7678	13.3802	0.444322	1
cg12183549	0.356174	0.891619	-1.12156	0.100417	1.24302	1.24302	0.387686	1.11296	1.11296	0.0304829	0.735382	-1.35984	5.75465	1.33165	0.205693	1
cg08039050	3.59E-06	0.178169	-5.61266	0.014485	0.619894	-1.61318	0.0214478	0.64492	-1.55058	0.144102	0.779508	-1.28286	15.5804	6.21765	0.354729	1
cg18649503	0.00251312	0.358759	-2.78738	0.172952	0.701692	-1.42513	0.406276	1.23064	1.23064	0.817627	1.05805	1.05805	8.52884	8.06031	0.840057	1
cg20110349	0.0287963	0.487545	-2.05109	0.00846275	0.391952	-2.55134	0.00059548	4.37867	4.37867	0.141712	0.643896	-1.55305	7.60724	9.35254	1.09282	1
cg02649189	0.0657502	1.28454	1.28454	0.00491364	0.636415	-1.5713	0.622433	0.941588	-1.06204	0.00198633	1.69828	1.69828	6.72113	1.56539	0.207028	1
cg12898275	0.000259428	0.138596	-7.21521	0.0093407	0.338181	-2.957	0.291285	0.697592	-1.4335	0.543295	0.816825	-1.22425	6.31566	10.8175	1.5225	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10884544	LOC253724	0.0185022	0.00459447	0.357631	-2.79618	0.164852	0.667737	-1.4976	0.0198897	0.464806	-2.15143	0.24381	0.717214	-1.39428	0.0174602	0.454464	-2.20039	0.330519	0.760578	-1.31479	0.00215949	0.309212	-3.23403	0.699292	1.11159	1.11159	0.465127	0.81659	-1.2246	4.83016	5.68316	1.04587	1
cg10156544	LOC253724;HSP90B1	0.000369194	0.00758669	1.26935	1.26935	0.0117888	1.24414	1.24414	0.384878	0.939999	-1.06383	0.313003	0.930083	-1.07517	0.0151736	1.23019	1.23019	0.0340226	1.1875	1.1875	2.81E-05	0.564137	-1.77262	0.0125859	0.80613	-1.24049	0.173489	1.10582	1.10582	15.5394	1.18721	0.0679107	1
cg22356934	LOC253724;HSP90B1	0.00518455	0.142563	0.905962	-1.1038	0.0114541	1.21925	1.21925	0.0773092	1.13094	1.13094	0.00924074	1.23	1.23	0.156206	0.909333	-1.09971	0.0894787	1.12447	1.12447	0.00890598	0.811778	-1.23186	0.687269	0.974962	-1.02568	0.00501172	1.26194	1.26194	7.25776	0.451273	0.0552694	1
cg22699062	LOC253724;HSP90B1	0.0207138	0.256736	1.21087	1.21087	0.0741008	0.724899	-1.3795	0.0119346	1.66048	1.66048	0.0123555	1.65447	1.65447	0.125134	1.30776	1.30776	0.175539	0.792283	-1.26218	0.0362691	0.674679	-1.48219	0.468036	1.12677	1.12677	0.590616	1.09175	1.09175	4.64874	1.92367	0.367825	1
cg00414398	LOC253724;HSP90B1	0.0385054	0.0138091	0.483326	-2.069	0.315687	1.28127	1.28127	0.0308807	1.83231	1.83231	0.054709	0.594145	-1.68309	0.218515	0.734025	-1.36235	0.0930958	0.643154	-1.55484	0.172154	1.41511	1.41511	0.751838	0.927009	-1.07874	0.667664	1.10871	1.10871	3.73502	3.37649	0.803562	1
cg23610154	LOC254312;LOC254312;LOC254312	5.47E-05	0.000215444	0.307524	-3.25178	0.012229	0.551021	-1.81481	9.18E-05	0.263515	-3.79485	0.00154574	0.419218	-2.3854	6.48E-06	0.146798	-6.8121	0.644075	1.09289	1.09289	2.54E-05	0.202763	-4.93188	0.0455834	0.645518	-1.54914	0.00220176	0.440653	-2.26936	25.9978	15.0099	0.513201	1
cg16041695	LOC254312;LOC254312;LOC254312	0.00414005	0.170355	0.661826	-1.51097	0.0011619	0.259667	-3.85109	0.0214655	0.457974	-2.18353	0.233073	0.702267	-1.42396	0.00149636	0.274175	-3.64731	0.292469	1.36169	1.36169	0.0175298	2.26408	2.26408	0.769581	0.920325	-1.08657	0.486728	1.22111	1.22111	7.77139	9.8346	1.12488	1
cg12598937	LOC254312;LOC254312;LOC254312	0.0271175	0.0366853	0.658076	-1.51958	0.00479177	0.524489	-1.90662	0.198007	0.790945	-1.26431	0.920416	0.982921	-1.01738	0.0187544	0.612052	-1.63385	0.902295	1.0214	1.0214	0.046109	1.48282	1.48282	0.144467	0.763215	-1.31025	0.370884	0.85352	-1.17162	4.2352	1.9931	0.418315	1
cg21029612	LOC254559	1.01E-05	0.00262961	0.335111	-2.98409	0.00110128	3.53701	3.53701	0.440693	1.22931	1.22931	0.00240385	3.03512	3.03512	0.000164308	0.185065	-5.40351	0.296354	1.32883	1.32883	2.35E-05	0.108965	-9.17727	4.44E-06	16.0328	16.0328	0.000708213	3.87562	3.87562	40.4508	44.1659	0.970528	1
cg09169617	LOC254559	2.59E-05	0.07095	0.596535	-1.67635	0.0573976	1.73394	1.73394	0.850286	1.04958	1.04958	0.000436193	4.15172	4.15172	0.00182836	0.321749	-3.10801	0.00853241	2.36187	2.36187	0.00206783	0.329289	-3.03685	2.48E-06	18.5752	18.5752	0.000187991	5.01989	5.01989	31.6517	32.8713	0.923139	1
cg19567891	LOC254559	0.00011981	0.158809	0.726114	-1.37719	0.0167033	1.86048	1.86048	0.351874	0.8158	-1.22579	0.00759417	2.07421	2.07421	0.0992607	0.681137	-1.46813	0.170898	1.36321	1.36321	0.000436482	0.306917	-3.2582	1.11E-05	7.30001	7.30001	0.00146273	2.65486	2.65486	21.094	15.0858	0.635705	1
cg01317586	LOC254559	0.00129962	0.14657	0.641178	-1.55963	0.00428449	2.9735	2.9735	0.117678	0.615917	-1.6236	0.00597169	2.78748	2.78748	0.006385	0.363383	-2.75192	0.805533	0.932063	-1.07289	0.562314	0.846123	-1.18186	0.00086064	4.16734	4.16734	0.00299465	3.19383	3.19383	10.92	14.07	1.1453	1
cg27355653	LOC254559	0.00315866	0.100266	0.649689	-1.5392	0.659593	0.899278	-1.112	0.656583	1.11313	1.11313	0.0130907	2.08983	2.08983	0.129548	0.675538	-1.4803	0.145901	1.4534	1.4534	0.205874	0.72644	-1.37658	0.000106559	5.14424	5.14424	0.706661	1.09478	1.09478	8.42802	7.65659	0.807527	1
cg11710334	LOC254559	0.00505848	0.139747	0.451495	-2.21486	0.0797842	2.64565	2.64565	0.496511	1.41269	1.41269	0.0798875	2.64458	2.64458	0.0627233	0.350641	-2.85192	0.0980359	0.403251	-2.47985	0.655268	1.25216	1.25216	0.000269688	19.8847	19.8847	0.0538102	2.99115	2.99115	7.31258	29.0029	3.52548	1
cg25716623	LOC254559	0.00594472	0.520247	0.700573	-1.4274	0.695455	1.23962	1.23962	0.391361	0.619092	-1.61527	0.0106441	5.77449	5.77449	0.0966258	0.369395	-2.70713	0.255223	1.91278	1.91278	0.163967	0.444443	-2.25001	0.00102022	14.2869	14.2869	0.00412437	8.16961	8.16961	6.95901	32.8564	4.19681	1
cg00848167	LOC254559	0.0154205	0.76106	0.848661	-1.17833	0.854059	1.10414	1.10414	0.43125	0.64908	-1.54064	0.0203721	4.50044	4.50044	0.387596	0.620978	-1.61036	0.275981	1.83989	1.83989	0.975831	0.983833	-1.01643	0.00103516	13.6598	13.6598	0.0100125	5.7507	5.7507	5.13349	23.5353	4.07524	1
cg03766449	LOC254559	0.0247606	0.535111	0.786021	-1.27223	0.303855	1.50413	1.50413	0.213244	0.605046	-1.65277	0.220645	1.63821	1.63821	0.381301	1.41089	1.41089	0.337899	1.46039	1.46039	0.0909809	0.489825	-2.04155	0.00136572	5.937	5.937	0.0627617	2.23139	2.23139	4.37183	10.1742	2.06864	1
cg27407147	LOC254559	0.0265754	0.942514	0.939471	-1.06443	0.00325271	32.2731	32.2731	0.931463	0.928232	-1.07732	0.12213	4.26575	4.26575	0.479999	1.86197	1.86197	0.339919	2.34328	2.34328	0.0369141	0.122665	-8.15228	0.0167159	12.5418	12.5418	0.145689	3.86701	3.86701	4.26529	50.6371	10.5528	1
cg09086835	LOC254559	0.0333511	0.809899	0.853716	-1.17135	0.262119	0.464232	-2.15409	0.771864	0.826308	-1.2102	0.0465272	4.46433	4.46433	0.492899	0.63317	-1.57936	0.26032	2.16089	2.16089	0.992327	1.00633	1.00633	0.00192598	17.8323	17.8323	0.0422086	4.64514	4.64514	3.93505	26.8411	6.06312	1
cg00481644	LOC254559	0.0356677	0.250353	0.505181	-1.97949	0.120838	2.6021	2.6021	0.139327	0.404776	-2.4705	0.347602	1.73284	1.73284	0.819857	0.878387	-1.13845	0.572718	1.38266	1.38266	0.0173695	0.192685	-5.18982	0.00884438	6.64929	6.64929	0.200177	2.15822	2.15822	3.84074	19.6574	4.54944	1
cg08175536	LOC254559	0.0403015	0.579892	0.786148	-1.27203	0.00555038	4.79686	4.79686	0.0232903	3.21167	3.21167	0.0994618	2.1751	2.1751	0.512878	1.33054	1.33054	0.553827	1.29397	1.29397	0.165416	0.529052	-1.89017	0.0295585	3.01179	3.01179	0.482092	1.35996	1.35996	3.67296	10.7726	2.60707	1
cg25932290	LOC254559	0.0424967	0.0394469	0.176091	-5.67888	0.0174178	0.121178	-8.25229	0.0580949	0.209827	-4.76583	0.11451	0.286107	-3.4952	0.0223012	0.135803	-7.36362	0.0583197	0.210195	-4.7575	0.0117003	0.100613	-9.93906	0.162483	0.33719	-2.96569	0.0289477	0.153002	-6.53586	3.60158	30.3159	7.48213	1
cg27338841	LOC255025	2.74E-06	2.85E-08	0.104824	-9.53981	0.00938873	0.693404	-1.44216	5.19E-05	0.431035	-2.32	0.000279571	0.516487	-1.93616	0.439225	0.91603	-1.09167	0.012605	0.708325	-1.41178	0.811678	0.973813	-1.02689	0.547671	1.06998	1.06998	0.00367154	0.646185	-1.54754	56.6331	11.0858	0.173998	1
cg08951203	LOC255025	5.15E-06	4.28E-08	0.173404	-5.76687	0.00093346	0.638063	-1.56724	0.0132808	0.756485	-1.3219	0.412764	1.07914	1.07914	0.229084	0.891547	-1.12165	0.937351	1.00718	1.00718	0.662382	0.960828	-1.04077	0.186627	0.880442	-1.13579	0.00131099	0.653472	-1.53029	48.1671	6.31082	0.116461	1
cg02938422	LOC255025	3.67E-05	7.22E-06	0.0798647	-12.5212	0.000147522	0.189123	-5.28757	3.19E-05	0.126673	-7.89435	0.000217047	0.207161	-4.82716	0.866355	0.957931	-1.04392	0.063491	0.587164	-1.7031	0.0903028	1.6101	1.6101	0.447985	0.820921	-1.21814	7.45E-05	0.159443	-6.27184	28.8887	29.7913	0.916659	1
cg09232103	LOC255025	0.000289192	1.16E-05	0.145055	-6.89393	0.147725	0.724131	-1.38096	0.000240484	0.28282	-3.53582	0.190901	0.749897	-1.33352	0.00155116	0.388388	-2.57474	0.0423607	0.615145	-1.62563	0.0359067	0.602147	-1.66072	0.817385	1.04924	1.04924	0.000861308	0.353514	-2.82874	16.6161	11.3662	0.608044	1
cg12927270	LOC255025	0.00215254	0.177574	0.867008	-1.15339	0.535999	0.939491	-1.06441	0.00450515	0.685867	-1.45801	0.00862496	1.39593	1.39593	0.00451251	1.45785	1.45785	0.62403	0.95199	-1.05043	0.0112847	1.37172	1.37172	0.027002	0.770434	-1.29797	0.00639994	0.702353	-1.42379	9.43729	1.48259	0.139644	1
cg03505448	LOC255025	0.0131794	0.00942605	0.649746	-1.53906	0.72941	0.955522	-1.04655	0.0106377	0.656504	-1.52322	0.0496993	0.745772	-1.34089	0.386515	0.890202	-1.12334	0.324763	0.875259	-1.14252	0.0365131	1.37497	1.37497	0.909834	0.985266	-1.01495	0.00328245	0.591599	-1.69033	5.40588	1.46978	0.241677	1
cg10733951	LOC255025	0.0175271	0.00881263	0.573925	-1.74239	0.0249895	1.55903	1.55903	0.50574	0.893666	-1.11899	0.48604	0.88883	-1.12507	0.947443	1.01104	1.01104	0.761936	1.05189	1.05189	0.00250299	2.01208	2.01208	0.561576	0.9069	-1.10266	0.605672	0.916946	-1.09058	4.91892	2.15952	0.390243	1
cg13730281	LOC255025	0.0197817	0.00673171	0.232767	-4.29614	0.0202012	0.312841	-3.19652	0.0081297	0.245205	-4.07822	0.837815	0.918485	-1.08875	0.305526	0.643927	-1.55297	0.118508	2.01995	2.01995	0.179422	1.8069	1.8069	0.458854	1.3674	1.3674	0.250765	0.607828	-1.6452	4.72213	12.8723	2.42306	1
cg01954930	LOC255025	0.0361931	0.00698071	0.343014	-2.91534	0.975911	0.990784	-1.0093	0.0307443	0.459281	-2.17732	0.233934	0.682061	-1.46614	0.451282	0.790299	-1.26534	0.182459	0.647996	-1.54322	0.369751	1.32638	1.32638	0.825198	0.93442	-1.07018	0.0046589	0.315413	-3.17045	3.8204	5.68926	1.32371	1
cg24189734	LOC255167	0.0376871	0.540476	0.766328	-1.30492	0.700893	1.1803	1.1803	0.0226174	0.30961	-3.22987	0.736563	1.15606	1.15606	0.372036	0.674599	-1.48236	0.218145	1.74433	1.74433	0.00151747	0.140634	-7.11065	0.490769	0.740359	-1.3507	0.678539	0.836101	-1.19603	3.7645	10.9982	2.59694	1
cg16009167	LOC255167;LOC255167	4.66E-05	0.00150723	0.349423	-2.86186	0.41078	0.824131	-1.2134	0.000155758	0.225574	-4.43314	0.991812	0.997643	-1.00236	1.01E-05	0.113159	-8.83715	0.000186881	0.234527	-4.26389	8.57E-06	0.10794	-9.26439	0.732619	1.08206	1.08206	0.0907513	0.651464	-1.535	27.125	22.7193	0.744514	1
cg22135752	LOC255167;LOC255167	7.32E-05	0.95864	1.00961	1.00961	0.47792	0.875373	-1.14237	1.30E-06	9.87589	9.87589	0.669584	0.923865	-1.08241	0.0971318	0.714708	-1.39917	0.495468	1.13619	1.13619	0.075918	1.43964	1.43964	0.000171683	3.24723	3.24723	0.425805	1.16186	1.16186	24.0635	12.9704	0.479115	1
cg25213547	LOC255167;LOC255167	0.0103872	0.612561	1.17493	1.17493	0.0779372	0.538827	-1.85588	0.0332635	0.455878	-2.19357	0.221827	0.666746	-1.49982	0.0495223	0.492903	-2.0288	0.0136572	0.381775	-2.61934	0.000412321	0.170348	-5.87035	0.504081	1.23864	1.23864	0.168285	0.629089	-1.5896	5.83914	9.2158	1.40292	1
cg03416085	LOC255167;LOC255167	0.0119289	0.110366	1.53845	1.53845	0.272941	0.753903	-1.32643	0.00492141	2.51518	2.51518	0.26138	1.33641	1.33641	0.0397568	0.5551	-1.80148	0.200527	1.39759	1.39759	0.642222	1.12281	1.12281	0.00570715	2.45325	2.45325	0.0125589	2.15666	2.15666	5.58425	5.42115	0.862927	1
cg04204831	LOC255167;LOC255167	0.0135309	0.507962	0.799004	-1.25156	0.373717	0.737069	-1.35673	0.000772801	5.47631	5.47631	0.796276	1.09028	1.09028	0.660565	0.862742	-1.1591	0.652091	0.859302	-1.16373	0.28534	1.44882	1.44882	0.00474188	3.50143	3.50143	0.128087	1.73257	1.73257	5.35951	9.47495	1.57145	1
cg19748424	LOC255167;LOC255167	0.0280255	0.351538	0.476159	-2.10014	0.187142	0.338905	-2.95068	0.00635521	15.6292	15.6292	0.130411	3.54023	3.54023	0.327369	0.457269	-2.18689	0.929359	0.933681	-1.07103	0.720194	0.757018	-1.32097	0.00556991	16.7432	16.7432	0.255062	2.50836	2.50836	4.18644	39.7124	8.43197	1
cg02734972	LOC255411;LOC255411	0.0013724	0.281153	0.770716	-1.29749	0.0371777	0.569809	-1.75498	0.000155575	0.221844	-4.50767	0.0801329	1.5705	1.5705	0.00195523	0.361275	-2.76797	0.00554324	0.428551	-2.33345	0.00383445	0.404061	-2.47487	0.218869	1.35075	1.35075	0.136489	0.688674	-1.45207	10.7508	9.20426	0.76102	1
cg01943155	LOC255411;LOC255411	0.00290875	0.0546789	0.53893	-1.85553	0.299059	0.736926	-1.35699	0.0180396	0.442741	-2.25866	0.0529229	0.53584	-1.86623	0.00036483	0.197928	-5.05234	0.0695121	0.56224	-1.7786	0.000217063	0.17381	-5.7534	0.0196469	0.449582	-2.22429	0.0350425	0.498291	-2.00686	8.63694	11.004	1.1325	1
cg13858747	LOC255512;TOLLIP	3.46E-05	0.168475	0.880774	-1.13536	0.0278238	0.798581	-1.25222	0.185577	1.12912	1.12912	0.0901504	0.850805	-1.17536	5.16E-06	0.408157	-2.45004	0.0589193	1.20266	1.20266	8.51E-06	0.432505	-2.31211	0.0159985	1.29063	1.29063	0.000542886	0.62806	-1.5922	29.3471	3.47868	0.105365	1
cg22424444	LOC255512;TOLLIP	0.00010196	0.009005	1.89883	1.89883	0.000378783	2.99397	2.99397	0.32293	0.821066	-1.21793	0.00522388	2.03708	2.03708	0.112655	1.39579	1.39579	0.0224205	1.69584	1.69584	7.26E-06	0.147933	-6.75981	0.0433014	1.56648	1.56648	0.963912	1.00877	1.00877	22.0259	13.007	0.524919	1
cg04699162	LOC255512;TOLLIP	0.00325776	0.783832	1.05388	1.05388	0.320604	1.21632	1.21632	0.676669	1.08332	1.08332	0.0240559	1.67115	1.67115	0.885122	0.97279	-1.02797	0.605939	1.1044	1.1044	0.000124521	0.279099	-3.58296	0.191306	1.30214	1.30214	0.0158377	0.56894	-1.75766	8.35081	4.81602	0.512633	1
cg08180459	LOC256880;H2AFZ	0.0298657	0.380586	0.795989	-1.2563	0.595044	1.14489	1.14489	0.0148357	0.442475	-2.26001	0.0565761	0.566547	-1.76508	0.00317855	0.318546	-3.13926	0.11677	0.64299	-1.55523	0.618708	1.13484	1.13484	0.49031	1.19379	1.19379	0.222274	1.38862	1.38862	5.12691	4.88678	0.635442	1
cg15129183	LOC257358	0.000442779	0.000341372	0.149409	-6.69306	0.00771018	0.323622	-3.09003	0.000310973	0.14547	-6.87426	0.00447954	0.286786	-3.48692	0.00508835	0.295155	-3.38805	0.11834	0.571895	-1.74857	7.54E-05	0.0937417	-10.6676	0.848317	1.06514	1.06514	0.00119442	0.209081	-4.78284	14.7797	25.4233	1.52902	1
cg22568403	LOC257358	0.00145575	0.0340795	0.467074	-2.14099	0.221595	0.673382	-1.48504	0.0811601	0.551497	-1.81325	0.0509551	0.50443	-1.98244	7.47E-05	0.109266	-9.15197	0.107541	0.582396	-1.71704	0.000472795	0.184482	-5.42058	0.651473	1.15023	1.15023	0.00325119	0.290771	-3.43913	10.5703	15.86	1.33372	1
cg04719574	LOC257358	0.00412763	0.00116701	0.127379	-7.85057	0.0131663	0.264794	-3.77653	0.0060768	0.212539	-4.70501	0.0119632	0.257811	-3.87881	0.020661	0.299777	-3.33582	0.0526371	0.385813	-2.59193	0.000764483	0.110371	-9.06036	0.233114	0.582476	-1.71681	0.00704472	0.221839	-4.50778	7.77844	23.0218	2.63084	1
cg26429629	LOC257358	0.0120354	0.00307881	0.154119	-6.4885	0.0558092	0.367843	-2.71855	0.00385396	0.165746	-6.03334	0.0128466	0.240253	-4.16227	0.0276794	0.300751	-3.32501	0.23402	0.562239	-1.7786	0.0104448	0.225835	-4.42801	0.162854	0.502794	-1.98889	0.0108615	0.228504	-4.37628	5.56817	18.7868	2.99907	1
cg00191458	LOC257358	0.0210926	0.896858	1.03221	1.03221	0.214796	0.726738	-1.37601	0.197563	1.39504	1.39504	0.00328436	0.375622	-2.66225	0.00787521	0.434605	-2.30094	0.566783	1.15203	1.15203	0.0956923	1.56413	1.56413	0.719456	0.915612	-1.09217	0.130045	0.670511	-1.4914	4.62008	4.37167	0.841096	1
cg12360935	LOC257358	0.0256106	0.773534	0.944107	-1.0592	0.707473	1.07804	1.07804	0.219517	0.773068	-1.29355	0.0640225	0.660384	-1.51427	0.20163	1.3084	1.3084	0.508206	1.14317	1.14317	0.00226702	2.34293	2.34293	0.0663059	1.5077	1.5077	0.136861	0.726547	-1.37637	4.32077	2.71944	0.559456	1
cg23354510	LOC257358	0.0387419	0.0845399	0.6644	-1.50512	0.532858	0.873397	-1.14496	0.0497908	0.619073	-1.61532	0.147475	0.716717	-1.39525	0.00773004	0.480349	-2.08182	0.00348163	0.427546	-2.33893	0.0852892	0.665188	-1.50334	0.559555	0.88122	-1.13479	0.0777473	0.656978	-1.52212	3.72665	2.71054	0.646525	1
cg18329423	LOC25845	0.0160703	0.0036098	0.260179	-3.84351	0.0378842	0.439225	-2.27674	0.701908	0.876843	-1.14045	0.940958	1.02564	1.02564	0.00247121	0.237334	-4.21347	0.0829583	0.518879	-1.92723	0.030505	0.41943	-2.38419	0.179285	0.614148	-1.62827	0.0157557	0.36379	-2.74884	5.0636	9.36643	1.64423	1
cg00049323	LOC25845	0.0189753	0.00383914	0.253024	-3.9522	0.580515	1.21757	1.21757	0.636145	0.845292	-1.18302	0.838174	1.07478	1.07478	0.0313426	0.41038	-2.43677	0.0418503	0.437263	-2.28695	0.0177127	0.361599	-2.7655	0.00504633	0.270404	-3.69817	0.250194	0.654565	-1.52773	4.78917	9.43423	1.75103	1
cg18803045	LOC282997;PDCD4;PDCD4	4.64E-05	0.119157	1.6567	1.6567	2.35E-05	12.4446	12.4446	2.08E-06	32.6276	32.6276	0.312228	0.731946	-1.36622	0.225362	1.46241	1.46241	?	?	?	0.257163	0.702574	-1.42334	0.885726	0.957983	-1.04386	0.0663161	1.84925	1.84925	27.8518	34.9374	1.2544	1
cg12191422	LOC282997;PDCD4;PDCD4	0.00841729	0.846057	0.971692	-1.02913	0.0573048	1.37394	1.37394	0.988328	1.00216	1.00216	0.000128675	2.67344	2.67344	0.391393	0.87833	-1.13852	0.315533	1.16569	1.16569	0.994106	0.998909	-1.00109	0.104937	1.29923	1.29923	0.358384	1.14973	1.14973	6.24327	2.15808	0.307258	1
cg07496882	LOC282997;PDCD4;PDCD4	0.0183497	0.516364	1.07761	1.07761	0.629666	0.946301	-1.05675	0.400438	0.906853	-1.10271	0.159916	0.843177	-1.18599	0.724534	1.04101	1.04101	0.487225	0.922947	-1.08349	0.000300449	0.512773	-1.95018	0.091239	0.809529	-1.23529	0.160263	0.843313	-1.1858	4.84365	0.989947	0.181671	1
cg10800082	LOC282997;PDCD4;PDCD4;PDCD4;PDCD4	0.0480373	0.811333	1.09261	1.09261	0.266012	0.650983	-1.53614	0.257556	0.645578	-1.549	0.788283	1.10483	1.10483	0.202257	0.607351	-1.64649	0.00224981	0.205174	-4.87392	0.430828	1.3469	1.3469	0.18943	1.67338	1.67338	0.238066	1.58048	1.58048	3.43996	7.47365	1.9312	1
cg24353338	LOC283050;LOC283050;LOC283050	7.99E-06	1.58E-07	0.0725485	-13.7839	0.000663381	0.432177	-2.31387	0.0429606	0.687362	-1.45484	0.366064	0.861171	-1.16121	4.30E-05	0.286363	-3.49207	0.0262748	0.654285	-1.52839	0.00389043	0.534897	-1.86952	0.687802	1.06718	1.06718	0.00535742	1.80452	1.80452	42.9963	17.64	0.364682	1
cg02876466	LOC283050;LOC283050;LOC283050	0.000767608	0.0543997	0.783676	-1.27604	0.000399938	0.533103	-1.87581	0.00367882	0.645005	-1.55037	0.00481181	0.658513	-1.51857	0.0463074	1.29037	1.29037	0.935662	1.00906	1.00906	0.000704594	1.7801	1.7801	0.772997	1.03283	1.03283	0.319653	1.1217	1.1217	12.6786	2.50439	0.175581	1
cg02985250	LOC283050;LOC283050;LOC283050	0.0053743	0.352841	0.796889	-1.25488	0.046247	0.581412	-1.71995	0.0212077	0.517933	-1.93075	0.566764	0.871528	-1.14741	0.000140314	0.209891	-4.76438	0.878542	1.03698	1.03698	0.782279	1.068	1.068	0.0814951	1.58179	1.58179	0.249983	0.751635	-1.33043	7.1783	6.41181	0.793975	1
cg00613113	LOC283050;LOC283050;LOC283050	0.00711282	0.0077629	0.214021	-4.67243	0.00336862	0.165557	-6.04022	0.055075	0.375002	-2.66665	0.139232	0.4879	-2.0496	0.0114936	0.240336	-4.16084	0.0110504	0.237587	-4.20899	0.00297193	0.15908	-6.28615	0.00301277	0.159776	-6.25876	0.0416095	0.346686	-2.88445	6.58221	21.199	2.86281	1
cg06891775	LOC283050;LOC283050;LOC283050	0.012202	0.0382047	2.13561	2.13561	0.638811	1.16105	1.16105	0.694717	1.13268	1.13268	0.0705253	1.89348	1.89348	0.0302874	2.23544	2.23544	0.047794	2.0438	2.0438	0.00157318	4.19563	4.19563	0.00155099	4.20975	4.20975	0.0755724	1.86786	1.86786	5.54337	8.75893	1.40451	1
cg23502253	LOC283050;LOC283050;LOC283050	0.0130494	0.00185902	0.427557	-2.33887	0.856489	0.96577	-1.03544	0.243343	0.790665	-1.26476	0.415593	0.852061	-1.17363	0.00948128	0.5313	-1.88217	0.0212243	0.586885	-1.70391	0.310008	1.224	1.224	0.652574	1.09111	1.09111	0.00786336	0.518851	-1.92734	5.42343	3.17973	0.521151	1
cg20701680	LOC283050;LOC283050;LOC283050	0.0200198	0.662978	0.900474	-1.11053	0.0100947	2.1728	2.1728	0.0262782	0.532542	-1.87779	0.309081	1.28616	1.28616	0.0349806	0.55577	-1.79931	0.012214	0.474053	-2.10947	0.175135	0.708411	-1.41161	0.876295	1.03794	1.03794	0.496959	1.17925	1.17925	4.70298	4.25707	0.804611	1
cg07128021	LOC283050;LOC283050;LOC283050	0.0214303	0.155317	0.649409	-1.53986	0.0035705	3.06677	3.06677	0.0968084	1.6778	1.6778	0.832045	0.941489	-1.06215	0.0137646	0.421243	-2.37393	0.964696	1.01264	1.01264	0.325011	1.33447	1.33447	0.0622284	1.81473	1.81473	0.766568	1.08819	1.08819	4.59506	5.86545	1.13464	1
cg17028595	LOC283050;LOC283050;LOC283050	0.0444674	0.0119517	0.215825	-4.63338	0.0740589	0.377862	-2.64647	0.0155576	0.234462	-4.26508	0.291754	0.585785	-1.70711	0.0375966	0.307503	-3.252	0.255662	0.559823	-1.78628	0.00724738	0.183839	-5.43954	0.20796	0.522531	-1.91376	0.131441	0.451075	-2.21693	3.54126	13.4049	3.36474	1
cg00001582	LOC283050;LOC283050;LOC283050;ZMIZ1	0.0201575	0.264609	0.804473	-1.24305	0.0892593	1.41998	1.41998	0.0557369	1.50021	1.50021	0.935771	1.0152	1.0152	0.94782	0.987828	-1.01232	0.80813	0.955495	-1.04658	0.0015158	0.425379	-2.35085	0.887811	0.973932	-1.02677	0.0466902	1.53141	1.53141	4.69204	2.60199	0.492937	1
cg08153408	LOC283070	0.0024609	0.0483384	0.638995	-1.56496	0.673234	1.08785	1.08785	0.0642427	0.661812	-1.511	0.887988	0.972411	-1.02837	4.18E-05	0.212565	-4.70445	0.0125696	0.540025	-1.85177	0.0647825	0.662496	-1.50944	0.698877	0.925736	-1.08022	0.0277404	0.596617	-1.67612	9.07403	5.66342	0.554787	1
cg15108752	LOC283070	0.00274438	0.00657287	0.493813	-2.02506	0.00145277	0.398695	-2.50818	0.00948669	0.518396	-1.92903	0.0082312	0.50881	-1.96537	0.000342003	0.315741	-3.16716	0.0988639	0.696464	-1.43582	0.174947	0.749461	-1.33429	0.832269	1.04331	1.04331	0.00496476	0.475429	-2.10336	8.78696	5.56137	0.562589	1
cg22813891	LOC283070	0.00275773	0.0880925	0.730863	-1.36825	0.0284026	0.649895	-1.53871	0.00811419	0.568573	-1.75879	0.00699719	0.559332	-1.78785	0.000106132	0.319863	-3.12634	0.156223	0.77672	-1.28747	0.0876258	1.36901	1.36901	0.306469	0.838305	-1.19288	0.206633	0.80101	-1.24842	8.77436	3.85629	0.390662	1
cg01370213	LOC283174	0.0218444	0.79067	0.957315	-1.04459	0.00566062	0.551416	-1.81351	0.0349089	0.668247	-1.49645	0.845715	1.03246	1.03246	0.497361	0.89317	-1.11961	0.136716	0.768838	-1.30066	0.470328	1.12798	1.12798	0.00774906	1.75203	1.75203	0.190698	0.796758	-1.25509	4.56504	1.94394	0.378517	1
cg14300559	LOC283174	0.0299102	0.189758	1.71686	1.71686	0.00253496	0.195805	-5.10713	0.263525	0.635347	-1.57394	0.310078	1.50493	1.50493	0.750113	1.13241	1.13241	0.206268	1.68001	1.68001	0.0930957	2.05222	2.05222	0.197486	1.69917	1.69917	0.178004	0.572938	-1.74539	4.09119	9.81247	2.13195	1
cg26656163	LOC283267	0.0175504	0.803343	0.93719	-1.06702	0.00363499	0.359522	-2.78147	0.506116	0.839128	-1.19171	0.0346833	0.527204	-1.8968	0.0696432	1.69472	1.69472	0.587307	0.867213	-1.15312	0.0308689	1.93295	1.93295	0.0368204	0.532329	-1.87854	0.287359	0.75036	-1.33269	4.91673	5.26329	0.951543	1
cg01726775	LOC283314;C1RL	0.0247971	0.0146405	0.242833	-4.11806	0.0123749	0.230783	-4.33308	0.00675638	0.191396	-5.22478	0.689217	1.2084	1.2084	0.776784	0.874723	-1.14322	0.723656	0.846055	-1.18196	0.00693173	0.192945	-5.18282	0.13194	0.465017	-2.15046	0.661512	0.812645	-1.23055	4.36959	15.3455	3.12166	1
cg21990700	LOC283314;C1RL	0.027548	0.0101948	0.166306	-6.013	0.0429661	0.275324	-3.63208	0.0944903	0.361377	-2.76719	0.772212	1.17437	1.17437	0.0916446	0.357548	-2.79682	0.341972	0.58147	-1.71978	0.00195907	0.0885613	-11.2916	0.0507079	0.291463	-3.43096	0.159595	0.435076	-2.29845	4.21183	20.455	4.31693	1
cg17960823	LOC283332	0.00433091	0.000364929	0.415514	-2.40666	0.77677	1.04468	1.04468	0.00168431	0.501397	-1.99443	0.00999262	0.606412	-1.64904	0.419922	0.880976	-1.1351	0.116702	0.769423	-1.29968	0.137868	1.27852	1.27852	0.906742	1.01819	1.01819	0.203578	0.813533	-1.22921	7.6662	2.87131	0.332926	1
cg01057945	LOC283332	0.0166107	0.111066	0.615023	-1.62596	0.176219	0.668549	-1.49578	0.0189566	0.451306	-2.21579	0.0363378	1.97662	1.97662	0.0455673	0.526236	-1.90029	0.631304	1.14499	1.14499	0.00841721	0.389714	-2.56598	0.0557833	1.83461	1.83461	0.916691	0.971126	-1.02973	5.0081	6.2194	1.10388	1
cg00580978	LOC283392;LOC283392;TRHDE	0.0108031	0.563007	1.09027	1.09027	0.180811	0.810575	-1.23369	0.0152642	1.55317	1.55317	0.765935	0.956835	-1.04511	0.00262179	0.540242	-1.85102	0.0190095	0.657263	-1.52146	0.043972	1.40794	1.40794	0.19526	1.22442	1.22442	0.80456	0.96402	-1.03732	5.76596	1.99483	0.307526	1
cg19188182	LOC283392;TRHDE;LOC283392	0.0108402	0.357838	0.929009	-1.07642	0.0588253	1.1808	1.1808	0.783597	1.02167	1.02167	0.0488172	0.839278	-1.1915	0.639475	0.963925	-1.03742	0.317139	0.922626	-1.08386	0.000666203	0.666547	-1.50027	0.339704	1.07964	1.07964	0.052175	1.18767	1.18767	5.75959	0.553198	0.0853761	1
cg17771605	LOC283392;TRHDE;LOC283392	0.0142411	0.772142	0.922925	-1.08351	0.63482	1.1413	1.1413	0.356223	1.29971	1.29971	0.930938	1.02423	1.02423	0.0316772	0.498671	-2.00533	0.998992	1.00035	1.00035	0.000299041	0.196844	-5.08016	0.193891	0.684059	-1.46186	0.929323	1.02481	1.02481	5.2702	6.36939	1.07428	1
cg27579953	LOC283392;TRHDE;LOC283392	0.0335392	0.864112	0.96138	-1.04017	0.919031	1.02366	1.02366	0.465813	0.843113	-1.18608	0.448183	0.837169	-1.1945	0.655754	0.901978	-1.10867	0.00511362	2.34102	2.34102	0.672439	1.10272	1.10272	0.00894688	2.148	2.148	0.0242166	1.85483	1.85483	3.9271	3.28824	0.744285	1
cg23142394	LOC283392;TRHDE;LOC283392	0.0433617	0.401288	1.10839	1.10839	0.0666153	1.27938	1.27938	0.0288933	1.36152	1.36152	0.143948	0.828569	-1.2069	0.319241	0.883998	-1.13122	0.452433	0.912384	-1.09603	0.26201	1.15039	1.15039	0.0918414	1.24897	1.24897	0.00994214	1.47701	1.47701	3.57469	0.812371	0.202006	1
cg09627757	LOC283404	0.00912333	0.096614	1.29848	1.29848	0.0165451	1.52079	1.52079	0.213835	1.20614	1.20614	0.170529	0.811399	-1.23244	0.172013	1.23144	1.23144	0.0283633	1.44856	1.44856	0.00110384	1.99114	1.99114	0.038098	0.708764	-1.41091	0.635019	1.07087	1.07087	6.08602	1.97646	0.28867	1
cg05409945	LOC283404	0.0103132	0.109405	0.648966	-1.54091	0.0928137	0.632485	-1.58106	0.32497	0.777417	-1.28631	0.0498388	0.574562	-1.74046	0.000521031	0.261792	-3.81983	0.0387621	0.552767	-1.80908	0.0247167	0.515619	-1.93942	0.00303887	0.36571	-2.73441	0.49102	0.840904	-1.1892	5.85254	5.6876	0.863838	1
cg17582782	LOC283663	0.00173842	0.0450534	0.658913	-1.51765	0.00999759	1.80391	1.80391	0.0162637	0.586816	-1.70411	0.0167715	0.588904	-1.69807	0.000228066	0.329235	-3.03734	0.010694	0.558783	-1.7896	0.621177	1.09457	1.09457	0.422414	1.16026	1.16026	0.0162169	0.58662	-1.70468	10.0426	5.23351	0.463228	1
cg04317051	LOC283663	0.00353775	0.388947	0.787154	-1.2704	0.000812993	3.93009	3.93009	0.0222855	2.10114	2.10114	0.522501	0.838878	-1.19207	0.0260264	0.488672	-2.04636	0.74679	0.915931	-1.09179	0.00312218	0.334349	-2.99089	0.0848516	1.67624	1.67624	0.395994	0.790079	-1.2657	8.1476	9.48147	1.03441	1
cg24720672	LOC283663	0.00494928	0.00923847	5.53161	5.53161	0.10459	2.50525	2.50525	0.0485391	3.21112	3.21112	0.236935	0.52651	-1.8993	0.345606	1.65345	1.65345	0.0177056	4.45185	4.45185	0.000322848	20.3156	20.3156	0.0134283	4.87817	4.87817	0.012819	4.95425	4.95425	7.36147	31.2472	3.77306	1
cg24170687	LOC283663	0.0184157	0.971184	0.992613	-1.00744	0.202326	1.31826	1.31826	0.796908	0.94844	-1.05436	0.223674	0.769189	-1.30007	0.010177	0.514162	-1.94491	0.00121593	0.378333	-2.64317	0.0246368	0.577347	-1.73206	0.947374	1.01364	1.01364	0.738139	0.933445	-1.0713	4.8378	3.2284	0.593181	1
cg16439512	LOC283663	0.0208729	0.952908	0.996208	-1.00381	0.0526913	1.15223	1.15223	0.00426893	0.781954	-1.27885	0.0697084	1.1394	1.1394	0.0411998	0.859396	-1.16361	0.48839	1.04633	1.04633	0.196849	0.91596	-1.09175	0.834572	0.986636	-1.01354	0.0792772	1.13353	1.13353	4.63663	0.303938	0.058268	1
cg23776186	LOC283663	0.0212738	0.0860429	1.37716	1.37716	0.248729	1.22557	1.22557	0.00765134	1.78317	1.78317	0.515914	1.11754	1.11754	0.363883	0.854343	-1.17049	0.0803286	1.38719	1.38719	0.00543799	1.85344	1.85344	0.0154972	1.6503	1.6503	0.0170956	1.63298	1.63298	4.60659	2.07658	0.400697	1
cg14112958	LOC283663	0.0379299	0.113816	4.03481	4.03481	0.0132515	12.0497	12.0497	0.180215	3.17057	3.17057	0.477847	1.79523	1.79523	0.150721	3.48614	3.48614	0.0391432	6.92788	6.92788	0.00539184	19.4978	19.4978	0.0154729	11.1172	11.1172	0.0511223	6.0563	6.0563	3.75567	39.1065	9.2557	1
cg13626582	LOC283663	0.0494934	0.0827541	0.424409	-2.35622	0.622253	1.24796	1.24796	0.00985969	0.233438	-4.28379	0.0877091	0.431367	-2.31821	0.0647832	0.396448	-2.5224	0.1198	0.471008	-2.1231	0.58434	1.27945	1.27945	0.197156	1.83711	1.83711	0.056749	0.382152	-2.61676	3.40127	10.7191	2.80132	1
cg15808604	LOC283731	0.0257898	0.984355	1.00905	1.00905	0.484511	0.721402	-1.38619	0.0704459	0.394776	-2.53308	0.658205	1.22711	1.22711	0.687658	0.830455	-1.20416	0.113153	0.452693	-2.209	0.00552685	0.18708	-5.34531	0.0015011	0.122065	-8.19235	0.423485	0.68675	-1.45613	4.31027	14.425	2.9748	1
cg23998683	LOC283731	0.0359657	0.00264314	0.460258	-2.1727	0.511816	0.88329	-1.13213	0.377026	1.18421	1.18421	0.190237	1.2953	1.2953	0.826501	0.959882	-1.04179	0.207228	1.28156	1.28156	0.698019	1.07543	1.07543	0.340523	0.832594	-1.20107	0.0389287	1.56186	1.56186	3.82916	2.10983	0.489768	1
cg08036502	LOC283731;ISLR2;ISLR2	0.0122792	0.0241313	0.307525	-3.25176	0.00237605	0.155992	-6.41057	0.00788581	0.224336	-4.45761	0.0939768	0.445963	-2.24234	0.0434352	0.36116	-2.76885	0.0365834	0.344651	-2.90148	0.00458832	0.191147	-5.23158	0.67551	1.20275	1.20275	0.0953477	0.447749	-2.23339	5.53203	16.8479	2.70713	1
cg04138492	LOC283731;ISLR2;ISLR2	0.0322234	0.327636	0.572446	-1.74689	0.0121971	0.178324	-5.60779	0.46702	0.66459	-1.50469	0.914617	0.942511	-1.06099	0.668757	1.26821	1.26821	0.00960234	0.163652	-6.11054	0.0116626	0.175493	-5.69823	0.0240599	0.22638	-4.41736	0.052122	0.29534	-3.38593	3.98394	19.2296	4.29046	1
cg14584565	LOC283761;LOC283761;LOC283761;LOC283761	0.00413269	0.552137	0.841906	-1.18778	0.00190554	0.284158	-3.51917	0.00602491	0.358236	-2.79146	0.0923463	1.69893	1.69893	0.000561525	0.216492	-4.6191	0.740959	1.09956	1.09956	0.490836	0.818552	-1.22167	0.292077	1.36717	1.36717	0.225721	0.694905	-1.43905	7.77556	10.0799	1.15232	1
cg07518380	LOC283761;LOC283761;LOC283761;LOC283761	0.00893186	0.00388472	0.169898	-5.88587	0.322536	0.627619	-1.59332	0.0520214	0.365084	-2.7391	0.0858728	0.420943	-2.37562	0.00256324	0.148603	-6.72933	0.0577272	0.376002	-2.65956	0.00339162	0.162708	-6.146	0.0054386	0.188773	-5.29736	0.0237293	0.292113	-3.42334	6.12713	20.1646	2.92536	1
cg17178268	LOC283761;LOC283761;LOC283761;LOC283761	0.0113161	0.0133787	0.290762	-3.43924	0.00489879	0.222375	-4.49691	0.0282243	0.351807	-2.84247	0.0155349	0.302207	-3.309	0.0886397	0.468922	-2.13255	0.00206081	0.173761	-5.75505	0.195445	0.575747	-1.73687	0.670771	1.18816	1.18816	0.0223791	0.331754	-3.01428	5.68038	14.626	2.28874	1
cg00502017	LOC283761;LOC283761;LOC283761;LOC283761	0.0342441	0.0332893	0.396145	-2.52433	0.0772717	2.07727	2.07727	0.35816	0.703499	-1.42147	0.060807	0.455379	-2.19597	0.00560762	0.258329	-3.87104	0.0669105	0.465579	-2.14786	0.333489	0.689852	-1.44959	0.0631253	0.45934	-2.17704	0.185909	0.593331	-1.6854	3.89777	8.55145	1.95017	1
cg02954212	LOC283856;GNAO1;GNAO1	0.0024378	0.0257917	1.70001	1.70001	7.73E-05	4.19865	4.19865	0.742027	1.06845	1.06845	0.326766	1.22499	1.22499	0.373449	1.20098	1.20098	0.104744	1.42675	1.42675	0.0372946	0.616002	-1.62337	0.116386	0.710354	-1.40775	0.284564	0.800262	-1.24959	9.09922	5.78997	0.565613	1
cg13936125	LOC283856;GNAO1;GNAO1;GNAO1;GNAO1	0.0228704	0.0187036	0.553069	-1.80809	0.146696	1.38228	1.38228	0.221807	1.30588	1.30588	0.462031	1.16837	1.16837	0.0523143	1.58198	1.58198	0.00518679	0.464488	-2.15291	0.959316	0.989454	-1.01066	0.128466	1.40705	1.40705	0.549092	1.13427	1.13427	4.4936	3.07407	0.608088	1
cg01113412	LOC283867	4.87E-06	1.25E-05	0.257905	-3.8774	0.000680547	0.465451	-2.14845	1.66E-06	0.169989	-5.88273	0.272569	1.18319	1.18319	0.520693	1.10065	1.10065	0.021703	1.5007	1.5007	4.01E-06	0.20643	-4.84425	0.00283182	1.83227	1.83227	0.0111031	1.59842	1.59842	48.8705	16.7942	0.305464	1
cg08767637	LOC283867	0.0010274	0.21538	1.20024	1.20024	0.212713	0.832188	-1.20165	4.67E-05	0.34121	-2.93075	0.30746	1.15936	1.15936	0.0778631	1.31555	1.31555	0.114772	1.27132	1.27132	0.012085	0.645343	-1.54956	0.897374	1.01823	1.01823	0.00487852	0.593171	-1.68585	11.6766	3.62291	0.275795	1
cg27035999	LOC283867	0.0152741	0.0281328	0.525539	-1.90281	0.191318	0.709462	-1.40952	0.439811	0.822443	-1.21589	0.0358501	0.545626	-1.83276	0.0695624	0.604349	-1.65467	0.0278101	0.524599	-1.90622	0.000945612	0.2943	-3.3979	0.0241917	0.513353	-1.94798	0.0116081	0.457111	-2.18765	5.14975	5.02069	0.866611	1
cg09322513	LOC283867	0.0248794	0.0165478	0.185416	-5.39327	0.0912324	0.342759	-2.9175	0.0105312	0.156832	-6.37627	0.144492	0.405649	-2.46519	0.00733475	0.136751	-7.31257	0.681816	0.788763	-1.26781	0.00526406	0.120269	-8.31468	0.819139	0.876487	-1.14092	0.128468	0.388363	-2.57491	4.36457	22.9038	4.66459	1
cg07779653	LOC283867	0.0254372	0.0222799	0.500738	-1.99705	0.0159689	0.474761	-2.10632	0.00233686	0.342026	-2.92375	0.0848581	0.618063	-1.61796	0.471915	0.831301	-1.20293	0.738891	0.919002	-1.08814	0.162246	1.45757	1.45757	0.295748	0.760504	-1.31492	0.24866	0.737502	-1.35593	4.33101	4.37336	0.897579	1
cg02944238	LOC283867	0.0331112	0.000959047	0.313189	-3.19296	0.682925	0.907618	-1.10179	0.1062	0.659408	-1.51651	0.66534	0.902385	-1.10817	0.0696836	0.619521	-1.61415	0.333604	0.790269	-1.26539	0.168841	0.707502	-1.41342	0.544855	1.15562	1.15562	0.0482644	0.587021	-1.70352	3.94528	3.48069	0.784214	1
cg09847250	LOC283867	0.0431398	0.138731	0.524395	-1.90696	0.444727	0.729384	-1.37102	0.125086	0.510467	-1.95899	0.555093	0.785235	-1.2735	0.13104	0.516663	-1.9355	0.501774	0.758718	-1.31801	0.00407204	0.209777	-4.76698	0.61483	0.81424	-1.22814	0.0034983	0.200975	-4.97575	3.58152	9.30539	2.30948	1
cg03898993	LOC283914	0.0446624	0.568058	0.865849	-1.15494	0.0131614	0.464231	-2.1541	0.0752487	0.609908	-1.63959	0.865005	1.04339	1.04339	0.00676569	0.416337	-2.4019	0.296114	0.763048	-1.31053	0.0399106	0.552739	-1.80917	0.762295	0.92707	-1.07867	0.0249694	0.513805	-1.94626	3.53547	3.48914	0.87724	1
cg26929163	LOC283914;LOC283914	0.00322534	0.0118844	0.310161	-3.22413	0.00204659	0.197877	-5.05365	0.0130299	0.317105	-3.15353	0.105011	0.516621	-1.93566	0.000572922	0.136981	-7.30028	0.0113972	0.307041	-3.25689	0.00135771	0.176564	-5.66366	0.0100962	0.298147	-3.35405	0.0485398	0.431643	-2.31673	8.37575	18.4389	1.95686	1
cg02728223	LOC283914;LOC283914	0.0191809	0.0454041	0.273784	-3.65252	0.0238254	0.218183	-4.58331	0.0314722	0.240726	-4.15409	0.0899347	0.34817	-2.87216	0.00460292	0.118984	-8.40448	0.00819205	0.148128	-6.75094	0.0107305	0.163686	-6.10926	0.0237703	0.218004	-4.58707	0.086663	0.343628	-2.91012	4.77175	24.0797	4.4856	1
cg16486132	LOC283922	1.56E-05	5.68E-06	0.191687	-5.21683	0.000201271	0.365043	-2.73941	0.000203214	0.36556	-2.73553	0.000660681	0.430598	-2.32235	0.568494	0.91109	-1.09759	3.24E-05	0.271066	-3.68914	9.66E-05	0.326194	-3.06566	0.473291	0.888847	-1.12505	3.28E-06	0.169235	-5.90893	36.1678	14.9492	0.367404	1
cg08972632	LOC283922	0.00338948	0.758367	0.934381	-1.07023	0.833165	1.04749	1.04749	0.796218	1.05857	1.05857	0.54369	1.14476	1.14476	0.000906385	0.335647	-2.97932	0.0915479	0.664531	-1.50482	0.000197359	0.252573	-3.95925	0.620215	0.895944	-1.11614	0.0171106	0.527685	-1.89507	8.25261	6.32363	0.681118	1
cg22108646	LOC283999	0.000720346	0.637979	1.07691	1.07691	0.0112394	0.608619	-1.64306	7.19E-05	0.322856	-3.09736	0.0332925	1.47544	1.47544	0.00358587	1.85274	1.85274	0.0158706	0.630107	-1.58703	0.967374	0.993626	-1.00642	0.0352258	1.46735	1.46735	0.958136	1.00824	1.00824	12.9068	4.99656	0.344111	1
cg14495443	LOC283999	0.0132993	0.0327563	0.440055	-2.27244	0.00178831	0.2321	-4.3085	0.00156081	0.2245	-4.45435	0.405033	0.755815	-1.32308	0.0315203	0.436601	-2.29042	0.0361046	0.448907	-2.22763	0.0685857	0.51176	-1.95404	0.153692	0.605359	-1.65191	0.0835839	0.53296	-1.87631	5.38988	9.21795	1.52021	1
cg16002660	LOC284009	0.00172307	0.000629188	0.238728	-4.18887	0.0129378	0.43132	-2.31846	0.00238096	0.315236	-3.17222	0.00483806	0.361096	-2.76935	0.428695	0.802342	-1.24635	0.164596	0.667549	-1.49802	0.00383676	0.345685	-2.8928	0.0537235	1.81674	1.81674	0.00223339	0.311278	-3.21256	10.0684	11.8468	1.04589	1
cg19308989	LOC284023	0.00292179	0.607407	1.13033	1.13033	0.421485	0.82355	-1.21426	0.032302	0.55289	-1.80868	0.468762	0.840077	-1.19037	3.97E-05	0.156039	-6.40865	0.0827799	0.634976	-1.57486	0.0188548	0.510431	-1.95913	0.588106	0.878737	-1.138	0.785214	0.93746	-1.06671	8.62549	7.63487	0.786802	1
cg03832220	LOC284100	5.34E-06	0.0629152	1.23984	1.23984	1.30E-07	0.179542	-5.56973	1.35E-05	0.392514	-2.54768	0.0301193	1.29958	1.29958	0.0832948	0.821197	-1.21774	0.00751535	1.42402	1.42402	0.121244	0.841449	-1.18843	0.304041	0.896396	-1.11558	0.324016	0.900635	-1.11033	47.7224	7.97931	0.148624	1
cg20653009	LOC284100	0.000904994	0.0420125	1.53095	1.53095	0.264037	1.23566	1.23566	0.151551	1.32218	1.32218	0.0642253	1.45931	1.45931	6.38E-05	0.262722	-3.8063	0.978667	0.995152	-1.00487	0.630214	1.09217	1.09217	0.00111449	0.417769	-2.39367	0.206466	1.27404	1.27404	12.1038	6.33289	0.465081	1
cg08120511	LOC284232	7.47E-05	0.000156704	0.229149	-4.36397	0.00194867	0.368683	-2.71235	0.0171665	0.516131	-1.93749	0.0818253	0.644574	-1.55141	7.29E-05	5.17461	5.17461	0.000318936	0.265233	-3.77027	0.000266453	0.255857	-3.90843	0.52355	1.15861	1.15861	0.00222768	0.376985	-2.65262	23.9285	19.6554	0.730153	1
cg07279579	LOC284232	0.000881535	0.00269025	0.479602	-2.08506	0.00218019	0.466884	-2.14186	0.109423	0.734023	-1.36236	0.000828175	0.409868	-2.43981	0.572816	1.10622	1.10622	0.000147168	0.314543	-3.17922	0.0457399	1.50045	1.50045	0.678538	1.07663	1.07663	0.107188	0.732324	-1.36552	12.1939	6.06147	0.441859	1
cg14880282	LOC284232	0.0370789	0.035943	0.366272	-2.73022	0.00546512	0.222229	-4.49986	0.00861392	0.251858	-3.97049	0.53292	0.771085	-1.29687	0.506659	0.757814	-1.31959	0.0696013	0.433734	-2.30556	0.249728	0.609494	-1.64071	0.107271	0.485008	-2.06182	0.0199331	0.314618	-3.17846	3.78692	10.1612	2.38509	1
cg07740199	LOC284233	0.000239011	3.93E-05	0.486837	-2.05408	6.35E-05	0.510109	-1.96036	0.00384425	0.700202	-1.42816	0.0205212	0.77466	-1.29089	0.000283297	0.581236	-1.72047	0.0105415	0.745006	-1.34227	0.0116573	0.749472	-1.33427	0.00162309	0.661531	-1.51164	0.000972636	0.638283	-1.5667	17.503	2.31985	0.117814	1
cg25208258	LOC284233	0.00171612	0.00838993	0.513853	-1.94608	0.0153979	0.555475	-1.80026	0.000125641	0.266964	-3.74583	0.556292	0.888997	-1.12486	0.71091	0.929034	-1.07639	0.790628	1.05402	1.05402	0.0491625	1.55893	1.55893	0.652334	0.914232	-1.09381	0.00142227	0.401442	-2.49102	10.0802	6.24146	0.550382	1
cg06294976	LOC284233	0.0210803	0.00501414	0.615865	-1.62373	0.394189	0.892309	-1.12069	0.136656	0.811115	-1.23287	0.130903	1.23733	1.23733	0.824173	0.971365	-1.02948	0.0873536	1.27944	1.27944	0.926066	1.01219	1.01219	0.12805	1.23961	1.23961	0.0112023	0.660372	-1.5143	4.621	1.24752	0.239971	1
cg02930356	LOC284233	0.0352726	0.0258079	0.499353	-2.00259	0.0414252	0.539542	-1.85342	0.0233212	0.491091	-2.03628	0.0467217	0.550223	-1.81744	0.013701	0.449449	-2.22495	0.0372567	0.53029	-1.88576	0.0501004	0.556517	-1.79689	0.0284613	0.507443	-1.97067	0.0322416	0.517914	-1.93082	3.85628	4.20385	0.969005	1
cg22284422	LOC284276	1.15E-06	1.89E-07	0.212986	-4.69515	0.000955284	0.620122	-1.61259	2.15E-05	0.436095	-2.29308	3.31E-06	0.344305	-2.9044	1.37E-05	0.413753	-2.4169	0.356225	0.91199	-1.0965	4.69E-07	0.252572	-3.95926	0.000200314	0.545511	-1.83314	4.46E-06	0.358716	-2.78772	70.769	10.5639	0.132688	1
cg00220661	LOC284276	3.39E-06	0.00635641	0.579706	-1.72501	7.29E-06	0.21909	-4.56434	8.72E-05	0.339571	-2.94489	0.000153493	0.369339	-2.70754	3.27E-07	0.102385	-9.76702	0.00122086	0.483671	-2.06752	5.24E-06	0.204601	-4.88757	0.010557	1.63848	1.63848	7.50E-05	0.331748	-3.01434	53.6232	20.0096	0.33169	1
cg17222996	LOC284276	0.000360501	0.00199175	0.363875	-2.7482	0.00195579	0.36275	-2.75672	0.00435279	0.413844	-2.41637	0.000731502	0.304574	-3.28327	0.000177505	0.22961	-4.35521	0.0267972	0.544695	-1.83589	0.000144846	0.219717	-4.5513	0.676763	0.907474	-1.10196	0.000229433	0.242412	-4.12522	15.6416	13.2859	0.755016	1
cg17726692	LOC284276	0.000669604	0.000190497	0.27873	-3.58771	0.00538195	0.474993	-2.10529	0.00443003	0.462322	-2.163	0.00504125	0.470717	-2.12442	0.000926669	0.366134	-2.73124	0.82491	1.04604	1.04604	0.000383803	0.316187	-3.16269	0.0311901	0.598293	-1.67142	0.000764352	0.354962	-2.8172	13.1737	8.61091	0.581017	1
cg16270399	LOC284276	0.0245858	0.619608	1.15787	1.15787	0.00101123	4.17322	4.17322	0.112943	1.65758	1.65758	0.283095	0.721315	-1.38636	0.694227	0.890715	-1.12269	0.304013	1.36591	1.36591	0.279169	1.39037	1.39037	0.0858601	1.74371	1.74371	0.137567	0.625993	-1.59746	4.3826	5.95528	1.20786	1
cg23255283	LOC284276	0.0358693	0.0344689	0.372653	-2.68346	0.00583192	0.235757	-4.24166	0.322049	0.664016	-1.50599	0.0863483	0.468441	-2.13474	0.0167657	0.310858	-3.21691	0.656574	0.836005	-1.19617	0.00808466	0.257277	-3.88686	0.125862	0.515347	-1.94044	0.146084	0.535505	-1.8674	3.83289	9.72493	2.25532	1
cg16021939	LOC284379	0.000176983	0.0471908	1.70386	1.70386	3.55E-06	0.0777962	-12.8541	0.000864312	0.309302	-3.23309	0.878125	1.03667	1.03667	0.357911	0.801034	-1.24839	0.457933	0.837474	-1.19407	0.9212	0.977049	-1.02349	0.0522511	0.595678	-1.67876	0.00415893	0.406018	-2.46294	18.9896	16.5605	0.775186	1
cg12119625	LOC284379	0.000179799	3.24E-05	0.117427	-8.51594	0.00189557	0.311304	-3.21229	0.147793	0.66253	-1.50937	0.000458248	0.231587	-4.31804	0.000546032	0.240723	-4.15415	0.000268251	0.204887	-4.88075	7.37E-05	0.14802	-6.75583	0.0536262	0.559321	-1.78788	0.139751	0.656208	-1.52391	18.9087	21.0493	0.989517	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg05646541	LOC284379	0.000408125	0.0017049	0.250705	-3.98875	2.42E-05	0.0744459	-13.4326	0.0165518	0.404956	-2.46941
cg01230207	LOC284379	0.0126385	0.00461145	0.0734464	-13.6154	0.012583	0.11657	-8.57852	0.104313	0.29233	-3.42079
cg03972476	LOC284379	0.0168934	0.496074	1.47876	1.47876	0.0983233	0.358355	-2.79053	0.0867778	0.342771	-2.9174
cg15731991	LOC284412	0.00410588	0.0967497	1.33917	1.33917	0.000656236	2.30797	2.30797	0.14386	1.28601	1.28601
cg01852272	LOC284440	0.0400644	0.0101836	0.736407	-1.35794	0.170699	1.1477	1.1477	0.592799	1.05229	1.05229
cg22155405	LOC284441	0.00180272	0.0191855	0.217631	-4.59493	0.000320552	0.0435541	-22.9599	0.0111135	0.18029	-5.54661
cg18975659	LOC284551	0.000744786	0.815301	0.942831	-1.06064	0.00578016	0.402625	-2.4837	0.02773	0.519649	-1.92438
cg21546601	LOC284551	0.0223005	0.171172	0.755307	-1.32396	0.7108	0.93078	-1.07437	0.000661646	0.36629	-2.73007
cg08724493	LOC284578	0.00291667	0.00494115	0.665976	-1.50156	0.000821168	0.576674	-1.73408	0.00070282	0.568889	-1.75781
cg14146249	LOC284578	0.0178091	0.0681871	0.519411	-1.92526	0.0899785	0.549117	-1.8211	0.0109713	0.359229	-2.78374
cg04307594	LOC284578	0.0338466	0.0351786	0.148632	-6.72803	0.0189885	0.110063	-9.08568	0.0497708	0.175738	-5.6903
cg23806196	LOC284632	0.000211913	0.00298008	0.440871	-2.26824	0.00967037	0.517844	-1.93108	0.000708353	0.354509	-2.82081
cg10322419	LOC284661	1.23E-05	0.782023	0.965859	-1.03535	0.000413298	0.495618	-2.01768	4.79E-05	0.38334	-2.60865
cg08633745	LOC284661	0.00051131	0.0098387	0.310033	-3.22546	0.0014125	0.1904	-5.25209	0.0031047	0.234086	-4.27194
cg17282035	LOC284661	0.000661501	0.941882	1.01775	1.01775	0.0118128	0.468367	-2.13508	0.00742363	0.435186	-2.29787
cg10378459	LOC284661	0.000986711	0.125938	0.730914	-1.36815	0.00193694	0.435938	-2.2939	0.0132289	0.559164	-1.78839
cg17907200	LOC284661	0.00395787	0.625191	0.83532	-1.19715	0.0937227	0.509836	-1.96142	0.018105	0.350255	-2.85506
cg07248181	LOC284661	0.0045434	0.197554	1.37166	1.37166	0.000401867	0.270925	-3.69106	0.0018478	0.358565	-2.7889
cg24735225	LOC284661	0.0099869	0.789286	1.03816	1.03816	0.00127339	0.518303	-1.92937	0.0312998	0.702393	-1.4237
cg06052183	LOC284661	0.0116403	0.893368	1.0568	1.0568	0.757265	0.88011	-1.13622	0.0294606	0.347762	-2.87553
cg01388988	LOC284661	0.0367789	0.423618	0.863102	-1.15861	0.00568683	0.520268	-1.92209	0.00439147	0.503988	-1.98417
cg13760683	LOC284749	0.00828961	0.120145	0.833592	-1.19963	0.168587	1.17161	1.17161	0.00372945	0.65517	-1.52632
cg01759986	LOC284788;LOC284788	5.30E-05	0.000403869	0.332532	-3.00723	0.874799	0.969603	-1.03135	4.49E-05	0.220449	-4.53619
cg23997290	LOC284788;LOC284788	7.61E-05	1.76E-05	0.150006	-6.66639	0.496975	1.16061	1.16061	0.000675092	0.32541	-3.07305
cg00332882	LOC284788;LOC284788	0.000111206	0.000119572	0.136749	-7.31267	0.580847	1.17933	1.17933	0.00027732	0.172064	-5.81178
cg01315919	LOC284788;LOC284788	0.000162091	0.000746818	0.364808	-2.74117	0.016463	1.78171	1.78171	0.000197056	0.291378	-3.43197
cg10709461	LOC284788;LOC284788	0.000475586	5.07E-05	0.125291	-7.98144	0.78093	0.926581	-1.07924	0.209076	0.696182	-1.43641
cg04772948	LOC284788;LOC284788	0.00559717	0.00835874	0.210849	-4.74274	0.499666	1.37233	1.37233	0.00793536	0.207529	-4.81861
cg02063846	LOC284798	0.0135082	0.0249329	0.301612	-3.31552	0.00115621	0.11716	-8.53533	0.0235707	0.29687	-3.36847
cg01964562	LOC284798;LOC284798	0.0193809	0.0224444	0.228056	-4.3849	0.00604979	0.143989	-6.94499	0.0186237	0.213982	-4.67328
cg27158481	LOC284798;LOC284798;LOC284798	0.0285909	0.200401	1.33689	1.33689	0.0067822	2.12383	2.12383	0.024244	1.78006	1.78006
cg20017761	LOC284798;LOC284798;LOC284798	0.0456724	0.826152	1.07221	1.07221	0.0401465	2.1205	2.1205	0.0733134	1.88324	1.88324
cg11724135	LOC284798;LOC284798;LOC284798	0.0494625	0.0514261	8.70407	8.70407	0.0713176	7.1375	7.1375	0.0361053	10.7855	10.7855
cg14187860	LOC284805	0.00271991	0.305261	0.86793	-1.15217	0.00248013	0.570534	-1.75274	0.000499672	0.48359	-2.06787
cg03577250	LOC284805	0.00683211	0.359218	0.864362	-1.15692	0.0178651	0.640742	-1.56069	0.0908832	0.749772	-1.33374
cg24467337	LOC284805	0.00786487	0.0085962	3.31105	3.31105	0.959843	0.982173	-1.01815	0.340557	0.70407	-1.42031
cg10378804	LOC284805	0.0114869	0.0265309	0.283309	-3.52971	0.00148076	0.110877	-9.019	0.0121893	0.223548	-4.4733
cg22941178	LOC284837	0.00367539	0.00116104	0.217266	-4.60266	0.00212831	0.251219	-3.98059	0.0806754	0.537981	-1.8588
cg07934732	LOC284837	0.0121267	0.327262	0.878826	-1.13788	0.0240987	0.709235	-1.40997	0.110573	0.800851	-1.24867
cg23656110	LOC284837	0.0207403	0.0129487	0.185398	-5.3938	0.0858818	0.354517	-2.82074	0.0148664	0.194599	-5.13877
cg00546897	LOC284837	0.035347	0.00964549	0.104033	-9.61236	0.170798	0.3651	-2.73898	0.118719	0.310371	-3.22195
cg08587297	LOC284837	0.0411786	0.370497	0.782953	-1.27722	0.0163492	0.457958	-2.18361	0.00807097	0.405444	-2.46643
cg17522965	LOC284900;LOC284900;PITPNB	0.018386	0.0237546	0.506179	-1.97559	0.602561	1.13241	1.13241	0.729093	0.921138	-1.08561
cg23818931	LOC284900;PITPNB;LOC284900	0.0188416	0.0391788	0.466828	-2.14212	0.000693421	0.191593	-5.21939	0.470739	0.791193	-1.26391
cg03030460	LOC285033	0.0101835	0.104108	0.750985	-1.33158	0.000487148	0.414385	-2.41321	0.633948	0.925601	-1.08038
cg22119676	LOC285045	0.00431641	0.00255226	0.123673	-8.08584	0.111141	0.420342	-2.37901	0.714865	0.832576	-1.20109
cg00237586	LOC285045;LOC285045;LOC285045	0.00390898	0.0365065	1.62871	1.62871	0.0160436	0.553492	-1.80671	0.302944	0.807221	-1.23882
cg03252278	LOC285045;LOC285045;LOC285045	0.00427102	0.202542	0.887913	-1.12624	0.0689855	0.835425	-1.197	0.0603874	1.20579	1.20579
cg03702965	LOC285045;LOC285045;LOC285045	0.0213342	0.0716479	0.894092	-1.11845	0.0076808	0.826404	-1.21006	0.011182	0.837815	-1.19358
cg19733894	LOC285045;LOC285045;LOC285045	0.0293712	0.412022	0.829066	-1.20618	0.0257455	0.553276	-1.80742	0.00921156	0.47767	-2.0935
cg25203885	LOC285074	0.00358351	0.0219851	0.505842	-1.9769	0.16679	0.693761	-1.44142	0.0389546	0.552753	-1.80913
cg19472772	LOC285074	0.00594715	0.101775	1.5345	1.5345	0.294945	1.29649	1.29649	0.00509545	0.412748	-2.42279
cg07719253	LOC285074	0.0462144	0.214518	0.802412	-1.24624	0.0219249	1.58909	1.58909	0.0141211	1.6657	1.6657
cg06306519	LOC285074	0.0463781	0.968622	1.01577	1.01577	0.790982	1.11146	1.11146	0.173632	0.562191	-1.77875
cg12254415	LOC285194	0.0297939	0.735963	0.928335	-1.0772	0.00437074	0.433246	-2.30816	0.0581953	0.624767	-1.6006
cg22488719	LOC285205	3.19E-05	8.75E-05	0.288714	-3.46364	0.0546576	1.46963	1.46963	0.0892552	0.718214	-1.39234
cg22949077	LOC285205	0.000174147	0.00621573	0.555221	-1.80109	0.0313184	0.659254	-1.51687	0.009336	0.58051	-1.72262
cg15618450	LOC285205	0.00105794	0.453763	1.04986	1.04986	0.07418	0.880848	-1.13527	0.0699607	1.13792	1.13792
cg25703122	LOC285205	0.00304898	0.616676	0.930688	-1.07447	0.271488	1.17696	1.17696	0.763264	0.957917	-1.04393
cg23973873	LOC285205	0.0115053	0.987996	1.00447	1.00447	0.805306	0.929429	-1.07593	0.637946	0.868957	-1.15081
cg05146399	LOC285205	0.0308402	0.348374	1.56424	1.56424	0.451102	0.700603	-1.42734	0.362957	0.648372	-1.54232
cg05842169	LOC285205	0.035502	0.890777	1.05155	1.05155	0.00560336	3.78337	3.78337	0.0935879	1.96333	1.96333
cg04150588	LOC285205	0.0361645	0.434707	1.26924	1.26924	0.000926294	4.39097	4.39097	0.0532699	1.92864	1.92864
cg00305833	LOC285359	0.0483954	0.00363058	0.293019	-3.41275	0.652522	1.15185	1.15185	0.0890371	0.557139	-1.79488
cg03553786	LOC285375	2.00E-06	0.374134	1.31491	1.31491	1.01E-05	17.1146	17.1146	1.51E-06	38.6988	38.6988
cg23620822	LOC285375	4.80E-06	0.581583	0.808139	-1.23741	1.96E-05	27.443	27.443	1.34E-05	32.721	32.721
cg09644830	LOC285375	7.92E-06	0.943626	0.989656	-1.01045	0.0007995	2.1051	2.1051	2.98E-07	9.11682	9.11682
cg01325116	LOC285375	0.00662607	0.0295165	0.451125	-2.21668	0.0242021	0.434041	-2.30393	0.00181544	0.252331	-3.96305
cg25378920	LOC285375	0.00972563	0.0567266	0.463738	-2.15639	0.273238	0.666126	-1.50122	0.379005	0.725004	-1.3793
cg11551565	LOC285375	0.0151301	0.195277	0.609113	-1.64173	0.0052868	0.264316	-3.78336	0.00306965	0.230597	-4.33657
cg26464889	LOC285375	0.0195059	0.6557	1.46227	1.46227	0.0674247	6.08481	6.08481	0.0129187	16.9728	16.9728
cg01077764	LOC285375	0.0208067	0.395671	0.821038	-1.21797	0.0449078	1.68501	1.68501	0.00142139	2.8476	2.8476
cg21468180	LOC285375	0.0274659	0.00834918	0.324135	-3.08513	0.190707	0.629316	-1.58903	0.00719675	0.31364	-3.18837
cg12467226	LOC285375	0.0469279	0.0968234	0.578319	-1.72915	0.193601	0.661472	-1.51178	0.0186714	0.42463	-2.35499
cg18745031	LOC285375	0.0486146	0.25748	0.736279	-1.35818	0.134784	1.51846	1.51846	0.102285	0.629248	-1.5892
cg08276221	LOC285401	0.000136514	0.00927673	0.406524	-2.45988	0.616217	1.14773	1.14773	0.0010183	0.264902	-3.77499
cg17305654	LOC285401	0.00471894	0.195804	0.820258	-1.21913	0.245704	0.838746	-1.19226	0.000814064	0.481358	-2.07745
cg01576260	LOC285401	0.0156738	0.232039	0.689188	-1.45098	0.759972	0.913012	-1.09528	0.041827	0.498228	-2.00711
cg07040220	LOC285419	0.000305615	0.13309	0.775991	-1.28867	0.000183448	0.371717	-2.69022	0.0009475	0.462397	-2.16264
cg07734052	LOC285419	0.00746218	0.718798	0.955764	-1.04628	0.0629143	0.769658	-1.29928	0.000610479	0.516502	-1.9361
cg01723706	LOC285419	0.011019	0.0178092	0.168548	-5.93303	0.0036481	0.088002	-11.3634	0.0306251	0.208082	-4.80581
cg07992196	LOC285419	0.0130771	?	?	?	0.0751444	1.60981	1.60981	0.0792565	1.59538	1.59538
cg22872906	LOC285419;LOC285419	0.0134061	0.0285826	3.25287	3.25287	0.00751627	4.81127	4.81127	0.0687043	2.5356	2.5356
cg03772511	LOC285419;LOC285419	0.0182023	0.00746396	0.375951	-2.65992	0.00643262	0.365498	-2.73599	0.0342811	0.495917	-2.01647
cg18585263	LOC285419;LOC285419	0.0213607	0.0386601	0.318689	-3.13786	0.00161149	0.115399	-8.66557	0.0752392	0.388345	-2.57503
cg07092135	LOC285419;LOC285419	0.0280613	0.0060164	0.18682	-5.35275	0.0233167	0.281674	-3.55021	0.138545	0.474571	-2.10717
cg22934006	LOC285456	0.00460117	0.854532	0.964179	-1.03715	0.00532683	0.466201	-2.145	0.0051905	0.464386	-2.15338
cg21648245	LOC285456;RPL34;RPL34	0.0460266	0.00734238	0.334911	-2.98587	0.100972	0.574969	-1.73922	0.596287	0.849898	-1.17661
cg13518488	LOC285501	9.25E-06	0.00804408	0.54118	-1.84781	6.35E-06	0.161657	-6.18595	0.954653	0.989769	-1.01034
cg05769106	LOC285501	0.000359033	0.812554	0.964828	-1.03645	0.973428	1.00503	1.00503	1.03E-05	0.240894	-4.1512
cg09364582	LOC285501	0.000607992	0.834258	0.930978	-1.07414	0.896589	0.956585	-1.04539	0.00265982	0.242075	-4.13095
cg16780944	LOC285501	0.0039072	0.0018087	0.278504	-3.59061	0.0592826	0.541427	-1.84697	0.310907	0.739263	-1.3527
cg25034709	LOC285501	0.0127928	0.311129	0.746009	-1.34047	0.00948769	0.398924	-2.50675	0.067037	0.563265	-1.77536
cg23037411	LOC285501	0.0266551	0.912008	0.953559	-1.0487	0.560333	0.776222	-1.28829	0.507201	1.3357	1.3357
cg04854282	LOC285501	0.0404406	0.0535464	0.481823	-2.07545	0.496923	1.25823	1.25823	0.808118	0.922166	-1.0844
cg16220124	LOC285548	0.0014848	0.446778	0.916115	-1.09157	0.305209	1.12745	1.12745	0.831249	0.976177	-1.0244
cg10461004	LOC285548	0.00170014	0.0441944	0.602671	-1.65928	0.882487	0.968119	-1.03293	0.119687	1.44751	1.44751
cg08512702	LOC285548	0.00397313	0.886565	1.02521	1.02521	0.465175	0.87842	-1.13841	0.268314	1.22272	1.22272
cg23413066	LOC285548	0.0251296	0.40466	1.25496	1.25496	0.611613	0.872505	-1.14612	0.127381	0.644626	-1.55129
cg16370446	LOC285550	7.69E-06	0.0545486	1.21858	1.21858	0.156342	0.871586	-1.14733	0.570509	1.05334	1.05334
cg12373898	LOC285550	0.00159577	0.162387	0.686464	-1.45674	0.0783931	0.61071	-1.63744	0.105962	0.640598	-1.56104
cg21537729	LOC285550	0.0023113	0.000770668	0.372376	-2.68546	0.00555435	2.02749	2.02749	0.310479	1.22581	1.22581
cg18873097	LOC285550	0.00714869	0.105452	0.863419	-1.15819	0.296487	0.914048	-1.09403	0.09469	0.858563	-1.16474
cg17468224	LOC285550	0.0404319	0.899799	0.97493	-1.02571	0.570582	0.890894	-1.12247	0.0131004	0.537842	-1.85928
cg02693210	LOC285593	0.0498384	0.0575337	2.98365	2.98365	0.0121764	4.90404	4.90404	0.124059	2.33409	2.33409
cg16026902	LOC285593;LOC285593	0.000473241	0.916643	0.983912	-1.01635	0.626569	1.07892	1.07892	0.000777104	0.454864	-2.19846
cg27128739	LOC285593;LOC285593	0.00202185	0.718768	0.956475	-1.04551	0.433023	0.906233	-1.10347	0.02984	0.730112	-1.36965
cg18079534	LOC285627	8.52E-05	3.91E-05	0.16171	-6.18392	0.0473378	0.591501	-1.69061	4.31E-05	0.16569	-6.03536
cg11092268	LOC285627	0.000356725	0.00553201	0.512237	-1.95222	0.0977521	0.716527	-1.39562	0.000104743	0.284249	-3.51804
cg07829289	LOC285627	0.00288934	0.00703222	0.421944	-2.36998	0.171126	1.43456	1.43456	0.000112963	0.186481	-5.36248
cg18015622	LOC285627	0.00580987	0.000682077	0.103998	-9.61557	0.0360953	0.345405	-2.89516	0.00376944	0.181777	-5.50125
cg16338178	LOC285627	0.00754557	0.445284	0.814222	-1.22817	0.209929	0.705391	-1.41765	0.000719507	0.256804	-3.89402
cg06042124	LOC285627	0.0219828	0.0310627	0.291871	-3.42617	0.143733	0.465669	-2.14745	0.0118819	0.217022	-4.60783
cg01817897	LOC285629	0.0047456	0.113301	0.586148	-1.70605	0.511075	1.22952	1.22952	0.00518619	0.318626	-3.13847
cg04390328	LOC285629	0.0406417	0.532965	0.837607	-1.19388	0.00249222	3.25202	3.25202	0.97026	1.01052	1.01052
cg13949259	LOC285629	0.0419054	0.272107	0.653469	-1.53029	0.258109	0.644561	-1.55144	0.132171	0.546208	-1.8308
cg16086730	LOC285692	0.000742707	0.00226256	0.270023	-3.70339	0.0497741	0.503693	-1.98534	0.000492921	0.187848	-5.32344
cg00230837	LOC285692	0.0150047	0.240453	1.23623	1.23623	0.0975575	0.730749	-1.36846	0.810382	1.04235	1.04235
cg16264886	LOC285692	0.023237	0.43311	0.86897	-1.15079	0.07485	0.705851	-1.41673	0.0310433	0.641173	-1.55964
cg16555188	LOC285692	0.0490291	0.268423	0.499306	-2.00278	0.0156771	0.16785	-5.95769	0.0309774	0.21739	-4.60003
cg27638428	LOC285696	0.000775235	0.602374	0.878139	-1.13877	0.428824	0.818986	-1.22102	0.00261525	0.356863	-2.80219
cg08198480	LOC285696	0.00179721	0.0125622	0.526189	-1.90046	0.000725468	2.89578	2.89578	0.000530996	3.0523	3.0523
cg14659956	LOC285696	0.00440964	0.000681098	0.291215	-3.43388	0.00455494	0.40739	-2.45465	0.347321	1.25857	1.25857
cg24054315	LOC285696	0.0142249	0.0146035	0.285152	-3.5069	0.00197298	0.161343	-6.19796	0.570237	0.787122	-1.27045
cg25503410	LOC285696	0.043893	0.989934	1.00246	1.00246	0.0696626	0.673979	-1.48373	0.265624	0.798043	-1.25306
cg08335854	LOC285696;BASP1	0.00116033	3.64E-05	0.43752	-2.28561	0.69129	1.04237	1.04237	0.0900382	1.21438	1.21438
cg08771731	LOC285696;BASP1	0.00203935	0.029724	0.712176	-1.40415	0.00346419	1.69296	1.69296	0.00328041	1.70159	1.70159
cg06466917	LOC285696;BASP1	0.0330029	0.673523	1.10517	1.10517	0.732439	0.922209	-1.08435	0.0336041	1.79628	1.79628
cg20298778	LOC285740	0.0422508	0.178012	0.574024	-1.74209	0.0427287	0.40467	-2.47115	0.00567898	0.244852	-4.08409
cg09736194	LOC285740;LOC285740	0.0019139	0.000240407	0.417701	-2.39406	0.234211	1.19618	1.19618	0.00408217	0.574858	-1.73956
cg17449769	LOC285740;LOC285740	0.0157357	0.0299636	0.539816	-1.85248	0.503213	0.848717	-1.17825	0.00804162	0.440526	-2.27001
cg16198013	LOC285740;LOC285740	0.0308697	0.0459244	0.340749	-2.93471	0.0456443	0.34014	-2.93996	0.0218727	0.274036	-3.64916
cg09491901	LOC285768;LOC285768	8.81E-05	0.0102623	0.555172	-1.80124	0.029589	0.627567	-1.59346	3.96E-05	0.23934	-4.17815
cg15094236	LOC285768;LOC285768	0.000131525	0.40612	0.851404	-1.17453	0.690625	0.927072	-1.07866	8.73E-05	0.264046	-3.78722
cg21223521	LOC285768;LOC285768	0.00020774	0.0641229	0.637135	-1.56953	0.565009	0.881584	-1.13432	4.79E-06	0.103663	-9.64661
cg19210349	LOC285768;LOC285768	0.000495486	0.0543385	0.680212	-1.47013	0.306711	0.829639	-1.20534	0.000218031	0.336849	-2.96869
cg24966115	LOC285768;LOC285768	0.000941622	0.0562	1.67193	1.67193	0.901472	0.970991	-1.02988	0.000535259	0.27786	-3.59894
cg11198851	LOC285768;LOC285768	0.00217176	0.79159	0.934867	-1.06967	0.070143	1.67344	1.67344	0.0134968	0.459475	-2.1764
cg01963618	LOC285768;LOC285768	0.0111566	0.740359	1.08346	1.08346	0.32082	1.2805	1.2805	0.000866071	0.299698	-3.33669
cg02857604	LOC285768;LOC285768	0.0131189	0.337254	0.831238	-1.20303	0.0897136	1.41836	1.41836	0.000570033	0.368997	-2.71005
cg17714437	LOC285768;LOC285768	0.020528	0.83218	1.04118	1.04118	0.310646	1.22076	1.22076	0.000879928	0.387439	-2.58105
cg06387622	LOC285768;LOC285768	0.0222648	0.486537	0.899101	-1.11222	0.00210957	1.9163	1.9163	0.0458428	1.41107	1.41107

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)
cg05646541	0.00611271	0.331207	-3.01926	0.0011933	0.230694	-4.33475	0.404231	1.30155	1.30155
cg01230207	0.268023	0.449726	-2.22358	0.00611233	0.0838667	-11.9237	0.016715	0.132224	-7.56294
cg03972476	0.543684	1.41611	1.41611	0.0986684	0.358804	-2.78704	0.730351	1.21633	1.21633
cg15731991	0.00284499	1.93094	1.93094	0.202911	0.806283	-1.24026	0.0134664	1.63244	1.63244
cg01852272	0.0408387	0.800179	-1.24972	0.619353	1.04842	1.04842	0.378856	0.918281	-1.08899
cg22155405	0.0552548	0.310546	-3.22013	0.00110147	0.0750804	-13.319	0.00626703	0.147088	-6.79866
cg18975659	0.00384376	0.375265	-2.66478	0.00134788	0.309896	-3.22688	0.000713854	0.273506	-3.65623
cg21546601	0.950446	0.988101	-1.01204	0.0326867	0.617935	-1.61829	0.686	1.08143	1.08143
cg08724493	0.192948	0.86032	-1.16236	0.0191892	0.733881	-1.36262	0.124247	0.833805	-1.19932
cg14146249	0.568896	1.20284	1.20284	0.662029	0.868417	-1.15152	0.471537	0.790637	-1.2648
cg04307594	0.244641	0.388429	-2.57448	0.0221663	0.118744	-8.42151	0.0446728	0.166811	-5.99481
cg23806196	0.000368794	0.317883	-3.14581	0.000612517	0.346209	-2.88843	0.00445406	0.466471	-2.14375
cg10322419	0.207509	1.18112	1.18112	0.0317045	1.37081	1.37081	0.132389	1.22553	1.22553
cg08633745	0.0137969	0.335386	-2.98164	0.00489891	0.262303	-3.81238	0.00905175	0.304014	-3.28932
cg17282035	0.158184	0.694896	-1.43906	0.504611	1.17746	1.17746	0.440122	1.20919	1.20919
cg10378459	0.0158158	0.571408	-1.75006	0.0151946	0.568647	-1.75856	0.0160777	0.572543	-1.7466
cg17907200	0.289495	0.669091	-1.49456	0.0465665	0.434728	-2.30029	0.0473562	0.43639	-2.29153
cg07248181	0.0304697	0.554304	-1.80406	0.176003	0.716191	-1.39627	0.208232	0.735036	-1.36048
cg24735225	0.437747	0.895219	-1.11704	0.299869	1.1621	1.1621	0.945045	0.990407	-1.00969
cg06052183	0.341985	0.668099	-1.49678	0.36833	0.683432	-1.4632	0.990152	0.994929	-1.0051
cg01388988	0.49746	0.883299	-1.13212	0.644066	0.919604	-1.08742	0.874533	0.971935	-1.02888
cg13760683	0.113718	1.20417	1.20417	0.0819368	0.812132	-1.23133	0.0494128	1.2739	1.2739
cg01759986	0.129814	0.725893	-1.37761	0.425609	1.17265	1.17265	0.649984	0.914451	-1.09355
cg23997290	0.00171639	0.380404	-2.62878	0.000219679	0.26446	-3.78129	0.605322	1.11917	1.11917
cg00332882	0.0013577	0.252669	-3.95774	0.00250515	0.288843	-3.46209	0.232691	0.690629	-1.44796
cg01315919	0.220974	0.776033	-1.2886	0.0419311	0.630024	-1.58724	0.158714	0.743129	-1.34566
cg10709461	0.000169006	0.173737	-5.75583	0.0022945	0.311687	-3.20835	0.0279293	0.491428	-2.03489
cg04772948	0.0372896	0.327393	-3.05443	0.0123345	0.237087	-4.21785	0.253514	0.576462	-1.73472
cg02063846	0.451896	0.708755	-1.41092	0.0213497	0.288679	-3.46406	0.0468347	0.359823	-2.77914
cg01964562	0.216667	0.49525	-2.01918	0.0183561	0.212924	-4.69652	0.108589	0.388267	-2.57554
cg27158481	0.579196	1.12778	1.12778	0.0296102	1.73286	1.73286	0.00669952	2.12758	2.12758
cg20017761	0.757647	0.906551	-1.10308	0.964469	0.98598	-1.01422	0.878204	1.04981	1.04981
cg11724135	0.130652	4.91704	4.91704	0.0346561	11.0572	11.0572	0.164375	4.25294	4.25294
cg14187860	0.0883204	0.778095	-1.28519	0.359414	1.13397	1.13397	0.179539	0.826786	-1.2095
cg03577250	0.250444	0.830532	-1.20405	0.409989	0.877849	-1.13915	0.956842	1.0084	1.0084
cg24467337	0.610702	1.20131	1.20131	0.031134	2.46872	2.46872	0.0167874	2.83654	2.83654
cg10378804	0.0402752	0.320972	-3.11553	0.0121689	0.223432	-4.47563	0.655212	0.806089	-1.24056
cg22941178	0.11282	1.73729	1.73729	0.00304167	0.272724	-3.66671	0.0214062	0.412858	-2.42214
cg07934732	0.649687	1.06014	1.06014	0.00187224	0.569285	-1.75659	0.0128231	1.48406	1.48406
cg23656110	0.0074459	0.152142	-6.57281	0.0231924	0.227005	-4.40519	0.380324	0.61161	-1.63503
cg00546897	0.244075	0.430872	-2.32087	0.0225536	0.15151	-6.60022	0.195222	0.388112	-2.57658
cg08587297	0.210967	0.70421	-1.42003	0.131834	0.648708	-1.54153	0.209697	1.42157	1.42157
cg17522965	0.865673	1.04077	1.04077	?	?	?	0.00216577	0.313438	-3.19043
cg23818931	0.435773	1.28892	1.28892	0.0568968	0.502668	-1.98939	0.701844	1.13064	1.13064
cg03030460	0.236309	0.81874	-1.22139	0.0490462	0.69619	-1.43639	0.0864887	0.736988	-1.35687
cg22119676	0.596028	1.30628	1.30628	0.0148846	0.224082	-4.46265	0.0166269	0.232129	-4.30795
cg00237586	0.00874768	0.511553	-1.95483	0.00894277	1.94915	1.94915	0.933063	1.017	1.017
cg03252278	0.693583	0.965615	-1.03561	0.653786	0.960893	-1.0407	0.0196651	0.779573	-1.28275
cg03702965	0.0305584	0.868107	-1.15193	0.262154	0.936997	-1.06724	0.760872	1.01713	1.01713
cg19733894	0.548259	1.14542	1.14542	0.0157421	0.516137	-1.93747	0.320967	0.795194	-1.25756
cg25203885	0.0382921	0.551292	-1.81392	0.0218587	0.505387	-1.97868	0.000335751	0.238261	-4.19708
cg19472772	0.00137252	0.329587	-3.0341	0.265289	1.31986	1.31986	0.00586659	0.42229	-2.36804
cg07719253	0.239149	0.812478	-1.2308	0.199954	0.796049	-1.2562	0.656096	1.07843	1.07843
cg06306519	0.215832	1.67902	1.67902	0.500097	0.761618	-1.31299	0.238815	0.612141	-1.63361
cg12254415	0.380785	0.820758	-1.21839	0.426233	0.836514	-1.19544	0.283924	1.2771	1.2771
cg22488719	0.0276378	0.631312	-1.584	1.15E-05	0.19328	-5.17383	2.15E-05	0.220941	-4.5261
cg22949077	0.100076	0.742887	-1.3461	2.75E-06	0.156227	-6.40093	0.000375255	0.391389	-2.555
cg15618450	0.0665116	1.1402	1.1402	0.0557869	1.14818	1.14818	0.0948505	1.12417	1.12417
cg25703122	0.841399	0.971887	-1.02893	5.87E-05	0.346783	-2.88365	0.151344	1.24461	1.24461
cg23973873	0.0160849	0.417733	-2.39388	0.000788025	0.222319	-4.49804	0.507045	1.22076	1.22076
cg05146399	0.266995	1.709	1.709	0.00110303	0.107629	-9.29114	0.366409	1.53728	1.53728
cg05842169	0.302399	0.676483	-1.47823	0.0473289	0.435986	-2.29365	0.551872	0.802358	-1.24633
cg04150588	0.460441	0.79868	-1.25207	0.491973	1.23217	1.23217	0.770233	0.916121	-1.09156
cg00305833	0.010885	0.368945	-2.71043	0.61753	0.854686	-1.17002	0.183449	0.643911	-1.55301
cg03553786	5.64E-07	63.6579	63.6579	0.00794248	0.360091	-2.77707	0.1078	1.69319	1.69319
cg23620822	3.46E-06	65.3558	65.3558	0.0105239	0.29172	-3.42794	0.299311	0.662521	-1.50939
cg09644830	0.0367917	1.42854	1.42854	0.117309	0.778699	-1.28419	0.200607	1.2199	1.2199
cg01325116	0.969812	1.01182	1.01182	0.00430857	0.305615	-3.27209	0.034683	0.46544	-2.14851
cg25378920	0.127546	1.79876	1.79876	0.00335373	0.241205	-4.14585	0.4809	1.29083	1.29083
cg11551565	0.256092	0.651133	-1.53578	0.00752992	0.288054	-3.47157	0.25997	0.6536	-1.52999
cg26464889	0.00297347	49.2615	49.2615	0.413519	0.490737	-2.03775	0.568994	1.62928	1.62928
cg01077764	0.102248	1.49988	1.49988	0.111814	0.675337	-1.48074	0.11134	1.48165	1.48165
cg21468180	0.14217	0.59013	-1.69454	0.010659	0.341946	-2.92444	0.360831	0.730533	-1.36886
cg12467226	0.266838	0.706399	-1.41563	0.00209215	0.272326	-3.67207	0.731428	0.901662	-1.10906
cg18745031	0.0659183	0.585946	-1.70664	0.0796186	0.604104	-1.65534	0.163093	1.47061	1.47061
cg08276221	0.00089102	0.257456	-3.88416	0.000101162	0.152822	-6.54358	0.885475	0.961467	-1.04008
cg17305654	0.744421	0.953726	-1.04852	0.318936	0.861412	-1.16088	0.280136	1.17657	1.17657
cg01576260	0.0377608	0.488911	-2.04536	0.00186484	0.269595	-3.70926	0.320763	1.35618	1.35618
cg07040220	7.88E-05	0.327208	-3.05616	6.01E-05	0.313257	-3.19227	0.044495	0.69688	-1.43497
cg07734052	0.948707	0.991982	-1.00808	0.0152184	0.688661	-1.45209	0.497638	1.08998	1.08998
cg01723706	0.0980612	0.325761	-3.06974	0.00364364	0.0879555	-11.3694	0.0220391	0.183184	-5.45898
cg07992196	0.00498	2.75993	2.75993	0.00245873	3.30448	3.30448	?	?	?
cg22872906	0.225591	1.78807	1.78807	0.0130383	4.08186	4.08186	0.0473978	2.81735	2.81735
cg03772511	0.339355	0.756036	-1.32269	0.491706	0.820098	-1.21937	0.00599038	0.360559	-2.77347
cg18585263	0.470468	0.704275	-1.4199	0.00692763	0.188503	-5.30496	0.156793	0.485219	-2.06093
cg07092135	0.0212446	0.274064	-3.64878	0.0238769	0.283645	-3.52553	0.0311257	0.30652	-3.26243
cg22934006	0.0623101	1.5293	1.5293	0.911423	1.02236	1.02236	0.0516164	1.56722	1.56722
cg21648245	0.678313	1.13521	1.13521	0.0528377	0.505524	-1.97815	0.00675762	0.328741	-3.04191
cg13518488	0.278953	0.81581	-1.22578	1.18E-06	0.102896	-9.71859	9.76E-05	0.285848	-3.49836
cg05769106	0.000508776	0.441114	-2.26699	0.00275848	0.53663	-1.86348	0.350405	0.865135	-1.15589
cg09364582	0.00270167	0.243	-4.11522	0.000354879	0.141202	-7.08203	0.0335974	0.428591	-2.33323
cg16780944	0.441059	0.797418	-1.25405	0.000719363	0.226937	-4.40651	0.0516261	0.52819	-1.89326
cg25034709	0.742198	1.09669	1.09669	0.00329406	0.326422	-3.06352	0.844661	0.946625	-1.05638
cg23037411	0.894143	1.05894	1.05894	0.0216205	0.305281	-3.27568	0.0529779	0.388279	-2.57547
cg04854282	0.485002	0.789534	-1.26657	0.183113	0.624734	-1.60068	0.121042	0.571271	-1.75048
cg16220124	0.368988	0.901002	-1.10988	0.29049	0.883429	-1.13195	0.0933162	1.2319	1.2319
cg10461004	0.00761584	0.471579	-2.12054	0.0453755	0.604836	-1.65334	0.00205685	0.386321	-2.58852
cg08512702	0.97727	1.00498	1.00498	0.123969	0.747862	-1.33715	0.873871	1.02809	1.02809
cg23413066	0.462398	0.819345	-1.22049	0.437731	1.23471	1.23471	0.750388	1.08873	1.08873
cg16370446	0.911764	0.990003	-1.0101	0.489285	0.938317	-1.06574	0.0571695	1.21537	1.21537
cg12373898	0.954892	1.01437	1.01437	0.00184884	0.327967	-3.04909	0.00153552	0.316735	-3.15721
cg21537729	0.00133618	0.404657	-2.47123	0.56181	1.12053	1.12053	0.0117135	0.542807	-1.84227
cg18873097	0.069593	0.844931	-1.18353	0.188341	1.12269	1.12269	0.0430306	1.21325	1.21325
cg17468224	0.392195	1.19325	1.19325	0.642206	1.0989	1.0989	0.442622	0.854036	-1.17091
cg02693210	0.554657	1.35546	1.35546	0.954978	0.971675	-1.02915	0.0288572	3.71195	3.71195
cg16026902	0.0739898	1.36135	1.36135	1.48E-05	0.248384	-4.02603	0.514694	1.10777	1.10777
cg27128739	0.928022	0.988943	-1.01118	0.953594	1.00719	1.00719	0.942304	0.991132	-1.00895
cg18079534	0.0491921	0.594776	-1.68131	0.0095298	0.467717	-2.13805	0.542966	0.867189	-1.15315
cg11092268	0.436508	0.864458	-1.15679	0.994063	1.00137	1.00137	0.766142	1.05625	1.05625
cg07829289	0.163186	0.691723	-1.44567	0.683297	1.10691	1.10691	0.292361	0.762977	-1.31066
cg18015622	0.0100459	0.242436	-4.12479	0.00944677	0.238222	-4.19777	0.0152452	0.272652	-3.66768
cg16338178	0.0295355	0.508216	-1.96767	0.00090746	0.269632	-3.70875	0.343887	0.772955	-1.29374
cg06042124	0.398542	0.656699	-1.52277	0.00532726	0.167584	-5.96716	0.0468271	0.330471	-3.02598
cg01817897	0.00213566	0.262536	-3.809	0.00215318	0.263021	-3.80198	0.0471501	0.494542	-2.02207
cg04390328	0.0549182	0.542894	-1.84198	0.498882	1.21245	1.21245	0.876644	0.957347	-1.04455
cg13949259	0.212367	0.613318	-1.63048	0.122818	1.86311	1.86311	0.0110346	0.305279	-3.27569
cg16086730	0.429221	0.780907	-1.28056	0.000345097	0.171211	-5.84075	0.00946174	0.365056	-2.7393
cg00230837	0.134973	1.32055	1.32055	0.111966	0.74182	-1.34804	0.615476	1.09132	1.09132
cg16264886	0.0868942	0.717516	-1.3937	0.00187446	0.461037	-2.16903	0.151867	0.763729	-1.30936
cg16555188	0.276404	0.50553	-1.97812	0.0286358	0.211055	-4.7381	0.136019	0.379869	-2.63248
cg27638428	0.085626	1.59954	1.59954	5.63E-05	0.157202	-6.36124	0.0474248	1.75187	1.75187
cg08198480	0.813054	1.05022	1.05022	0.149625	0.72647	-1.37652	0.194526	0.752857	-1.32827
cg14659956	0.00686447	0.4352	-2.2978	0.0292692	0.54316	-1.84108	0.0282324	0.540258	-1.85097
cg24054315	0.0667289	0.424148	-2.35767	0.0100189	0.257597	-3.88203	0.0417342	0.375562	-2.66268
cg25503410	0.0686084	1.48647	1.48647	0.185533	0.761086	-1.31391	0.919026	1.01997	1.01997
cg08335854	0.371551	0.909029	-1.10008	0.809425	1.02544	1.02544	0.709183	1.03971	1.03971
cg08771731	0.015957	1.47913	1.47913	0.0696399	1.3089	1.3089	0.0312106	0.715059	-1.39849
cg06466917	0.0654884	1.62883	1.62883	0.308787	1.2822	1.2822	0.241115	0.748581	-1.33586
cg20298778	0.0600481	0.439235	-2.27668	0.467629	0.750783	-1.33194	0.0786833	0.468886	-2.13271
cg09736194	0.282105	0.851664	-1.17417	0.00403435	0.574184	-1.7416	0.363301	1.14363	1.14363
cg17449769	0.105938	0.652884	-1.53166	0.00250499	0.362853	-2.75594	0.17668	0.70698	-1.41447
cg16198013	0.0032227	0.150861	-6.62861	0.0474033	0.343919	-2.90766	0.445227	0.693361	-1.44225
cg09491901	4.44E-05	0.244845	-4.08422	0.00103942	0.413415	-2.41888	0.000740337	0.393762	-2.53961
cg15094236	0.0407622	0.6395	-1.56372	1.03E-05	0.167434	-5.97251	0.75386	0.9422	-1.06135
cg21223521	0.000247109	0.269438	-3.71143	0.00888392	0.486051	-2.0574	0.909528	0.975672	-1.02494
cg19210349	0.032667	0.643284	-1.55452	4.07E-05	0.251054	-3.9832	0.77553	1.05175	1.05175
cg24966115	0.0313005	0.548561	-1.82295	0.000203945	0.227682	-4.39209	0.000652042	0.288747	-3.46324
cg11198851	0.0912861	0.623154	-1.60474	9.13E-05	0.168972	-5.91814	0.0724212	0.600608	-1.66498
cg01963618	0.331074	1.27345	1.27345	0.0742483	1.6152	1.6152	0.0605065	1.6656	1.6656
cg02857604	0.657375	1.08698	1.08698	0.707848	0.932082	-1.07287	0.119537	1.37107	1.37107
cg17714437	0.623413	1.09868	1.09868	0.0261854	0.605568	-1.65134	0.112406	1.38908	1.38908
cg06387622	0.134751	0.784602	-1.27453	0.493419	0.900654	-1.1103	0.0886149	1.32656	1.32656

Probeset ID	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05646541	0.712514	1.12108	1.12108	0.305365	0.720545	-1.38784	0.00087529	0.21414	-4.66985	15.1161	22.8291	1.34244	1
cg01230207	0.00262714	0.055882	-17.8949	0.620985	0.708066	-1.4123	0.100908	0.288114	-3.47084	5.48034	41.6388	6.75365	1
cg03972476	0.000399441	0.0412184	-24.261	0.829537	1.1298	1.1298	0.765587	0.8443	-1.18441	4.97995	25.2702	4.51057	1
cg15731991	0.0230241	1.54572	1.54572	0.00718437	1.7435	1.7435	0.43922	0.881283	-1.13471	7.79085	3.16625	0.36125	1
cg01852272	0.118285	0.852026	-1.17367	0.350709	1.09494	1.09494	0.0499029	1.23512	1.23512	3.68095	0.519818	0.125527	1
cg22155405	0.000437607	0.0502781	-19.8894	0.446011	0.658331	-1.51899	0.0899245	0.365706	-2.73444	9.93743	45.5815	4.0772	1
cg18975659	5.89E-05	0.153983	-6.49422	0.403337	1.24004	1.24004	0.134852	0.666613	-1.50012	12.7866	12.8174	0.891035	1
cg21546601	0.41506	1.17405	1.17405	0.581933	1.11304	1.11304	0.50804	1.13807	1.13807	4.53278	2.6631	0.522241	1
cg08724493	0.0545694	1.26887	1.26887	0.923167	1.01059	1.01059	0.134365	0.838387	-1.19277	8.62998	1.62971	0.167861	1
cg14146249	0.00190805	0.244058	-4.09739	0.00520785	0.306483	-3.26282	0.484648	0.796289	-1.25583	4.89263	7.97251	1.44844	1
cg04307594	0.0197626	0.112247	-8.90894	0.00887036	0.0751839	-13.3007	0.0658534	0.201179	-4.9707	3.91422	37.4224	8.49834	1
cg23806196	0.00390648	0.458042	-2.18321	1.82E-05	0.172422	-5.79971	0.000341747	0.313718	-3.18758	18.085	11.5716	0.568751	1
cg10322419	0.0935922	1.25981	1.25981	5.41E-06	0.27556	-3.62898	2.90E-06	0.246623	-4.05477	38.4393	9.54943	0.220826	1
cg08633745	1.84E-05	0.0435087	-22.9839	0.00514251	0.26544	-3.76733	0.00185774	0.204906	-4.88028	14.2021	28.976	1.81357	1
cg17282035	0.000409603	0.258192	-3.87308	0.00399741	0.39323	-2.54304	4.27E-05	0.15307	-6.53297	13.2186	12.1862	0.819459	1
cg10378459	2.06E-05	0.196286	-5.09462	0.0111892	0.547826	-1.8254	0.230715	0.788193	-1.26872	11.8112	6.70353	0.504493	1
cg17907200	0.0541318	2.22303	2.22303	0.00029477	0.115895	-8.62848	0.00322386	0.230173	-4.34455	7.87758	16.6661	1.88057	1
cg07248181	0.269212	0.765695	-1.306	0.488888	0.849485	-1.17718	0.0053405	0.426798	-2.34303	7.55568	6.44181	0.757847	1
cg24735225	0.0223392	1.46639	1.46639	0.356568	0.875822	-1.14179	0.0117026	0.643738	-1.55343	5.9131	1.83115	0.275269	1
cg06052183	0.00751932	0.24244	-4.12474	0.00975504	0.260191	-3.84333	0.000672017	0.117325	-8.52335	5.62873	15.1269	2.38884	1
cg01388988	0.123336	1.3508	1.3508	0.343297	0.838725	-1.19229	0.178326	0.772889	-1.29385	3.79815	1.95213	0.456862	1
cg13760683	0.521865	0.932317	-1.0726	0.00265597	0.63842	-1.56637	0.610263	1.05706	1.05706	6.27347	1.15801	0.164079	1
cg01759986	0.00279927	0.446469	-2.2398	1.72E-06	0.0959299	-10.4243	0.0352101	0.618662	-1.61639	26.22	15.9141	0.539505	1
cg23997290	0.0510515	1.61595	1.61595	4.79E-05	0.191462	-5.22297	0.777867	1.06299	1.06299	23.8111	17.5902	0.65666	1
cg00332882	0.00525974	0.33673	-2.96973	6.20E-06	0.0503089	-19.8772	0.00473877	0.329712	-3.03295	21.5198	29.8158	1.23156	1
cg01315919	0.149286	0.737319	-1.35626	7.58E-06	0.143798	-6.95419	0.0161042	0.559708	-1.78664	19.446	11.9608	0.546734	1
cg10709461	0.0294465	0.495892	-2.01657	0.000332293	0.205126	-4.87506	0.0268232	0.488041	-2.04901	14.4902	17.168	1.05315	1
cg04772948	0.044368	0.34414	-2.90579	0.000344533	0.0698835	-14.3095	0.0634423	0.38133	-2.6224	7.08931	23.9574	3.00388	1
cg02063846	0.00893293	0.224484	-4.45466	0.0215827	0.289568	-3.45342	0.315141	0.627173	-1.59446	5.36245	17.1341	2.84018	1
cg01964562	0.0110926	0.178813	-5.59243	0.00841439	0.162163	-6.16664	0.0518495	0.30242	-3.30666	4.75502	22.0036	4.11329	1
cg27158481	0.159306	1.38111	1.38111	0.0404149	1.66227	1.66227	0.0261272	1.76222	1.76222	4.15705	3.03417	0.648786	1
cg20017761	0.00147423	4.28254	4.28254	0.262306	1.44842	1.44842	0.880545	0.953453	-1.04882	3.50598	5.57878	1.41442	1
cg11724135	0.0775757	6.78106	6.78106	0.00916296	25.2566	25.2566	0.0173305	16.9085	16.9085	3.40207	51.298	13.4031	1
cg14187860	0.00441952	1.66016	1.66016	0.400271	0.891471	-1.12174	0.0399277	0.728437	-1.3728	8.81025	2.48402	0.25062	1
cg03577250	0.000347465	2.43406	2.43406	0.161879	1.25979	1.25979	0.42154	0.880774	-1.13536	6.66534	2.52376	0.336568	1
cg24467337	0.000906271	5.88917	5.88917	0.00853232	3.31687	3.31687	0.0510531	2.21188	2.21188	6.37823	12.8922	1.7967	1
cg10378804	0.00491535	0.16743	-5.97266	0.426298	0.677323	-1.4764	0.0641211	0.368674	-2.71243	5.65294	20.5949	3.23842	1
cg22941178	0.0213531	0.412651	-2.42336	0.870506	0.949131	-1.05359	0.0197267	0.406098	-2.46246	8.05492	13.064	1.44166	1
cg07934732	0.338815	1.1342	1.1342	0.211612	1.18303	1.18303	0.864117	0.97836	-1.02212	5.55453	1.43512	0.229661	1
cg23656110	0.00487633	0.130184	-7.68147	0.11733	0.394807	-2.53288	0.0483434	0.29155	-3.42994	4.64672	21.9671	4.20218	1
cg00546897	0.0117689	0.113768	-8.78985	0.0155532	0.128761	-7.7663	?	?	?	3.91578	26.3102	6.71901	1
cg08587297	0.0299391	0.506841	-1.973	0.973023	1.00904	1.00904	0.0702374	0.583646	-1.71337	3.64388	4.08553	0.996625	1
cg17522965	0.433755	1.20905	1.20905	0.156737	1.44233	1.44233	0.0507276	1.7357	1.7357	6.35631	4.74407	0.559767	1
cg23818931	0.0409223	0.470878	-2.12369	0.880743	1.04909	1.04909	0.863862	0.946694	-1.05631	4.80062	7.74693	1.43443	1
cg03030460	0.0229287	1.55046	1.55046	0.475125	0.889545	-1.12417	0.886181	1.02335	1.02335	5.87633	2.41725	0.365648	1
cg22119676	0.000611895	0.0716615	-13.9545	0.785607	0.8727	-1.14587	0.00259255	0.12437	-8.04055	7.67398	30.3102	3.51088	1
cg00237586	0.00297617	2.26589	2.26589	0.0752284	1.4882	1.4882	0.0709099	1.49926	1.49926	7.90713	5.04424	0.567054	1
cg03252278	0.000204207	1.73333	1.73333	0.448629	1.07061	1.07061	0.450275	0.934284	-1.07034	7.69857	0.952013	0.109921	1
cg03702965	0.708084	1.02116	1.02116	0.105849	1.10331	1.10331	0.0297666	0.867315	-1.15298	4.60213	0.225786	0.0436099	1
cg19733894	0.176929	1.37818	1.37818	0.218693	0.748918	-1.33526	0.0196563	0.532666	-1.87735	4.11765	3.25727	0.703155	1
cg25203885	0.368438	1.25752	1.25752	0.0797292	1.61987	1.61987	0.0764211	1.63055	1.63055	8.11629	7.90859	0.866141	1
cg19472772	0.648303	0.896031	-1.11603	0.410565	1.22283	1.22283	0.456327	1.19885	1.19885	6.95813	6.29776	0.804527	1
cg07719253	0.33808	0.846741	-1.181	0.887065	1.02423	1.02423	0.0867337	0.727089	-1.37535	3.49048	1.56883	0.399518	1
cg06306519	0.00129414	0.154923	-6.45483	0.551136	0.786702	-1.27113	0.14445	0.535982	-1.86573	3.48585	8.73748	2.22805	1
cg12254415	0.0156355	1.91781	1.91781	0.383683	1.21685	1.21685	0.749636	1.07288	1.07288	4.09685	3.13246	0.679646	1
cg22488719	1.52E-05	0.205338	-4.87003	0.619763	0.915441	-1.09237	0.00509847	0.520083	-1.92277	29.9639	14.8057	0.439214	1
cg22949077	0.00228289	0.494782	-2.02109	0.0403529	0.676635	-1.4779	0.13924	0.769133	-1.30017	19.0727	8.21847	0.383024	1
cg15618450	0.000349526	1.44271	1.44271	0.13369	1.10865	1.10865	4.96E-05	1.62528	1.62528	11.5799	0.745674	0.0572388	1
cg25703122	0.0632282	1.3463	1.3463	0.382228	1.13604	1.13604	0.330153	0.866732	-1.15376	8.51708	2.73257	0.285186	1
cg23973873	0.0275452	0.461944	-2.16476	0.484196	1.23451	1.23451	0.0111867	0.3898	-2.56542	5.65001	7.85836	1.23632	1
cg05146399	0.266237	1.71057	1.71057	0.228669	1.79583	1.79583	0.614724	0.790418	-1.26515	4.04688	13.764	3.02325	1
cg05842169	0.0865759	0.500303	-1.99879	0.563623	1.23811	1.23811	0.171934	0.587444	-1.70229	3.84723	8.15499	1.88418	1
cg04150588	0.743674	1.10313	1.10313	0.725089	1.1114	1.1114	0.380459	0.764057	-1.3088	3.8215	5.41575	1.25971	1
cg00305833	0.759607	1.10046	1.10046	0.842518	0.939844	-1.06401	0.183633	0.644044	-1.55269	3.43031	5.28505	1.3695	1
cg03553786	3.56E-06	26.1836	26.1836	1.69E-05	14.1546	14.1546	0.0230482	2.2606	2.2606	61.3916	87.5613	1.2678	1
cg23620822	3.30E-06	67.0829	67.0829	2.01E-05	27.1597	27.1597	0.047578	2.3803	2.3803	49.0503	113.795	2.06219	1
cg09644830	0.0917432	0.761101	-1.31389	4.13E-06	4.79901	4.79901	0.683203	0.941454	-1.06219	43.0915	14.7547	0.304358	1
cg01325116	0.190296	0.649996	-1.53847	0.00138667	0.237021	-4.21903	0.0214042	0.423746	-2.3599	6.72912	10.2805	1.35801	1
cg25378920	0.00177668	0.204863	-4.88131	0.094868	1.92325	1.92325	0.248597	0.650689	-1.53683	5.96339	11.9904	1.78726	1
cg11551565	0.3354	1.43263	1.43263	0.019728	0.360903	-2.77083	0.741551	0.887117	-1.12725	5.16592	10.7164	1.84394	1
cg26464889	0.00836183	22.8322	22.8322	0.0107353	19.2231	19.2231	0.102922	4.7489	4.7489	6.11661	65.8425	7.17635	1
cg01077764	0.0507373	1.65632	1.65632	0.788803	1.06275	1.06275	0.51063	1.1633	1.1633	4.64165	3.77757	0.723415	1
cg21468180	0.727576	1.124	1.124	0.0149393	0.367762	-2.71915	0.616854	0.844848	-1.18365	4.21626	7.46004	1.57276	1
cg12467226	0.661885	0.876156	-1.14135	0.955693	0.983445	-1.01683	0.0661918	0.538407	-1.85733	3.47042	4.96157	1.27082	1
cg18745031	0.0353092	0.529921	-1.88707	0.0252466	0.501926	-1.99232	0.30379	0.758871	-1.31775	3.42445	3.64003	0.944848	1
cg08276221	7.06E-06	0.0666187	-15.0108	0.116514	0.628129	-1.59203	0.00393174	0.347173	-2.88041	20.3671	23.9799	1.04657	1
cg17305654	0.00119855	1.98856	1.98856	0.0723591	0.747948	-1.33699	0.29698	0.85504	-1.16954	7.46913	2.48147	0.295315	1
cg01576260	0.00411894	0.318937	-3.13542	0.659173	1.1409	1.1409	0.933652	0.975575	-1.02504	5.10582	7.13232	1.24169	1
cg07040220	0.716143	0.944449	-1.05882	0.21379	0.81475	-1.22737	0.00698204	0.579203	-1.72651	16.3668	6.34944	0.34484	1
cg07734052	0.0127947	1.47246	1.47246	0.21521	0.849389	-1.17732	0.279897	0.868874	-1.15092	6.48427	1.60794	0.220423	1
cg01723706	0.00422989	0.0937749	-10.6638	0.035135	0.219389	-4.55811	0.0492295	0.249732	-4.00429	5.72934	34.6627	5.3778	1
cg07992196	0.00390974	2.92861	2.92861	0.0290927	1.90359	1.90359	0.238872	1.3285	1.3285	9.2619	5.22201	0.402726	1
cg22872906	0.0010854	9.04516	9.04516	0.0195954	3.62509	3.62509	0.128853	2.11585	2.11585	5.3758	17.7543	2.93568	1
cg03772511	0.382738	1.28944	1.28944	0.36062	0.765751	-1.30591	0.022991	0.461945	-2.16476	4.85683	6.20372	1.13539	1
cg18585263	0.0297034	0.29466	-3.39374	0.0604636	0.363895	-2.74805	0.816087	0.894717	-1.11767	4.60018	16.6121	3.20994	1
cg07092135	0.0151951	0.248127	-4.0302	0.0506768	0.35317	-2.8315	0.1585	0.494316	-2.023	4.18456	14.4795	3.07575	1
cg22934006	0.26293	0.791809	-1.26293	0.0776423	0.672847	-1.48622	0.000847368	0.344049	-2.90656	8.75366	5.35998	0.476243	1
cg21648245	0.0631359	0.523739	-1.90935	0.115305	0.590426	-1.69369	0.651774	0.870969	-1.14815	3.80254	5.44064	1.11284	1
cg13518488	5.91E-06	0.158847	-6.29538	0.0180555	0.594873	-1.68103	0.000135401	0.302715	-3.30343	41.393	21.4403	0.460418	1
cg05769106	0.00313037	0.543947	-1.83841	0.83793	0.969602	-1.03135	0.0306965	0.68208	-1.4661	15.6592	5.63417	0.319822	1
cg09364582	2.74E-05	0.059467	-16.8161	0.0511353	0.468532	-2.13432	0.228628	0.649677	-1.53923	13.5338	24.9735	1.64023	1
cg16780944	0.000624132	0.219544	-4.5549	0.885837	0.95945	-1.04226	0.0324984	0.486169	-2.0569	7.90821	10.3992	1.16887	1
cg25034709	0.054371	1.8412	1.8412	0.493952	0.823463	-1.21438	0.00667547	0.37379	-2.6753	5.4587	6.75954	1.10072	1
cg23037411	0.0022732	0.159386	-6.27409	0.467898	1.37401	1.37401	0.0245414	0.315928	-3.16528	4.26082	12.488	2.60523	1
cg04854282	0.0420332	0.458294	-2.182	0.368828	0.735363	-1.35987	0.0015187	0.218533	-4.57598	3.6683	6.44366	1.56141	1
cg16220124	0.000459855	0.536302	-1.86462	0.000207662	2.01693	2.01693	0.0685761	1.25902	1.25902	10.5104	2.12492	0.17971	1
cg10461004	0.153746	1.3973	1.3973	0.000893245	2.97344	2.97344	0.0363299	1.70414	1.70414	10.1075	7.68135	0.675522	1
cg08512702	0.0169825	0.601889	-1.66144	0.000105372	3.30214	3.30214	0.460247	1.1401	1.1401	7.86846	3.79028	0.428183	1
cg23413066	0.123513	0.641249	-1.55946	0.00147361	3.39503	3.39503	0.0453505	1.84308	1.84308	4.3494	4.88661	0.99868	1
cg16370446	6.54E-08	0.19121	-5.22985	0.473295	0.936027	-1.06835	0.49875	0.939653	-1.06422	43.4249	5.65042	0.115662	1
cg12373898	8.41E-05	0.167981	-5.95306	0.265206	1.34025	1.34025	0.0476888	0.564884	-1.77028	10.2943	10.3715	0.89556	1
cg21537729	0.556726	1.12223	1.12223	0.744208	1.06558	1.06558	0.942637	1.01406	1.01406	9.2427	5.50984	0.529892	1
cg18873097	0.000911055	0.662499	-1.50944	0.778377	0.976847	-1.0237	0.0203375	1.26138	1.26138	6.57188	0.717473	0.0970429	1
cg17468224	0.00219446	0.420811	-2.37636	0.409146	0.843543	-1.18548	0.46239	1.16274	1.16274	3.66859	2.36026	0.571886	1
cg02693210	0.0115932	4.98393	4.98393	0.033366	3.54472	3.54472	0.307697	1.71153	1.71153	3.3923	13.9161	3.64646	1
cg16026902	0.427226	1.1338	1.1338	0.896638	1.02034	1.02034	0.0218938	0.65308	-1.53121	14.5101	5.51498	0.337848	1
cg27128739	3.96E-05	2.63098	2.63098	0.201441	0.847036	-1.18059	0.157967	0.830465	-1.20414	9.61142	2.30523	0.213193	1
cg18079534	0.000197408	0.235114	-4.25325	2.72E-05	0.147272	-6.79017	0.000310563	0.258219	-3.87268	23.1092	19.6005	0.753927	1
cg11092268	0.742187	0.941227	-1.06244	3.17E-05	0.225936	-4.42603	0.000569939	0.375633	-2.66218	15.687	8.36469	0.473978	1
cg07829289	0.618182	0.882996	-1.13251	0.00428651	0.388276	-2.57549	0.0856879	0.624766	-1.6006	8.65409	8.40503	0.863306	1
cg18015622	0.0364651	0.346361	-2.88716	0.00881641	0.233558	-4.2816	0.0689892	0.411698	-2.42896	7.00841	21.1114	2.67759	1
cg16338178	0.0220863	0.484334	-2.06469	0.379827	0.788237	-1.26865	0.028636	0.505628	-1.97774	6.46173	7.13983	0.982169	1
cg06042124	0.00467637	0.160484	-6.23114	0.289751	0.585897	-1.70678	0.0259365	0.27629	-3.61938	4.55517	17.0774	3.33246	1
cg01817897	0.045137	0.490406	-2.03913	0.21553	0.667593	-1.49792	0.00123695	0.231367	-4.32213	7.45634	11.3473	1.35274	1
cg04390328	0.27526	1.37508	1.37508	0.750971	0.914531	-1.09346	0.100768	0.603863	-1.656	3.66159	4.56649	1.10856	1
cg13949259	0.0737652	2.09977	2.09977	0.0595407	0.453176	-2.20665	0.100061	0.511374	-1.95552	3.62035	7.9424	1.95006	1
cg16086730	0.000148507	0.135596	-7.37482	0.754357	0.908292	-1.10097	0.00297374	0.286752	-3.48734	12.7966	19.0326	1.32206	1
cg00230837	0.0924598	0.726501	-1.37646	0.420166	0.867523	-1.15271	0.000595857	0.400726	-2.49547	5.18016	2.44268	0.41915	1
cg16264886	0.597539	1.09806	1.09806	0.926939	0.984026	-1.01623	0.00750379	0.546512	-1.82979	4.46903	2.18185	0.433969	1
cg16555188	0.00796845	0.128804	-7.76371	0.0625104	0.28278	-3.53632	0.0720381	0.298241	-3.35299	3.41345	19.6263	5.11084	1
cg27638428	0.00428756	2.57137	2.57137	0.600465	0.877527	-1.13957	0.556243	0.863176	-1.15851	12.6434	12.239	0.860459	1
cg08198480	0.293637	0.79825	-1.25274	0.0633574	1.54017	1.54017	0.0734072	1.51123	1.51123	9.94626	6.74019	0.602365	1
cg14659956	0.0328306	0.552487	-1.81	0.00381965	0.395769	-2.52673	0.113705	0.664306	-1.50533	7.62448	6.8204	0.795146	1
cg24054315	0.0227983	0.320831	-3.1169	0.0134131	0.278734	-3.58765	0.0328473	0.352931	-2.83341	5.27218	14.5351	2.45061	1
cg25503410	0.0235434	1.69208	1.69208	0.303398	0.812773	-1.23036	0.0241674	1.68668	1.68668	3.5585	2.13141	0.532411	1
cg08335854	0.318433	0.898349	-1.11315	0.00284306	1.53276	1.53276	0.598737	1.05675	1.05675	11.2794	1.93057	0.152141	1
cg08771731	0.0143037	0.669829	-1.49292	0.136371	1.23726	1.23726	0.0555579	0.749889	-1.33353	9.5873	2.6724	0.247772	1
cg06466917	0.345351	0.795051	-1.25778	0.00235883	2.72122	2.72122	0.133445	1.4652	1.4652	3.94993	3.48373	0.783977	1
cg20298778	0.00672158	0.255861	-3.90836	0.822859	0.916713	-1.09085	0.123688	0.523786	-1.90918	3.60934	8.5984	2.11757	1
cg09736194	0.0402289	0.711442	-1.4056	0.391454	0.881502	-1.13443	0.00147814	0.517418	-1.93267	9.76619	3.19168	0.290497	1
cg17449769	0.0639635	1.65315	1.65315	0.591874	1.13959	1.13959	0.952429	1.01451	1.01451	5.09914	4.7077	0.820652	1
cg16198013	0.0217924	0.273737	-3.65314	0.400706	0.667119	-1.49898	0.0412605	0.330249	-3.02802	4.0455	14.1881	3.11746	1
cg09491901	7.18E-05	0.268295	-3.72725	5.45E-05	0.25477	-3.92511	0.00249559	0.465692	-2.14734	22.904	12.0018	0.46578	1
cg15094236	0.00228573	2.24181	2.24181	0.0820827	1.43999	1.43999	0.070995	0.682635	-1.46491	20.572	11.6732	0.504383	1
cg21223521	0.00116745	0.356036	-2.8087	0.061235	0.633191	-1.5793	0.0335522	0.583922	-1.71256	18.1829	13.5191	0.660894	1
cg19210349	0.000255162	0.345353	-2.89559	0.167583	0.771352	-1.29642	0.0163261	0.59559	-1.67901	14.3265	7.06775	0.438519	1
cg24966115	0.217432	0.734608	-1.36127	0.0101511	0.462711	-2.16118	0.0511683	0.589887	-1.69524	11.9687	10.7086	0.795303	1
cg11198851	0.0108921	0.443565	-2.25446	0.00653627	0.407143	-2.45614	0.22986	0.725862	-1.37767	9.41279	9.64164	0.9105	1
cg01963618	0.0739295	1.61625	1.61625	0.0985487	0.64619	-1.54753	0.341355	1.26659	1.26659	5.70645	5.251	0.817944	1
cg02857604	0.0682357	1.46444	1.46444	0.355582	0.837324	-1.19428	0.644406	0.91683	-1.09071	5.41402	2.9931	0.491415	1
cg17714437	0.907139	1.02244	1.02244	0.932091	1.01634	1.01634	0.515597	0.882183	-1.13355	4.66304	2.67032	0.509028	1
cg06387622	0.0428573	1.41998	1.41998	0.915016	0.984069	-1.01619	0.114264	1.29491	1.29491	4.53528	1.62561	0.318611	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25481833	LOC285768;LOC285768	0.0313973	0.0236797	0.296519	-3.37247	0.158218	0.507139	-1.97185	0.00764821	0.213704	-4.67938	0.188642	0.534252	-1.87178	0.00826792	0.218722	-4.57201	0.224504	0.563122	-1.77581	0.0104906	0.234645	-4.26176	0.774363	1.13811	1.13811	0.223657	0.562471	-1.77787	4.02112	12.901	2.85183	1
cg26331123	LOC285780	0.00246996	0.441169	1.10703	1.10703	9.70E-05	2.45311	2.45311	0.363237	1.12859	1.12859	0.862919	1.02263	1.02263	0.812884	0.969768	-1.03117	0.0928813	1.27043	1.27043	0.0402451	0.735795	-1.35907	0.0105704	0.659452	-1.51641	0.164212	1.21186	1.21186	9.06423	2.40604	0.23595	1
cg06501113	LOC285780	0.00268664	0.94092	0.961721	-1.0398	0.00167726	0.093897	-10.65	0.0138628	0.201659	-4.95886	0.00277539	0.113915	-8.77849	0.000596053	0.0613844	-16.2908	0.0221202	0.235789	-4.24108	0.00736755	0.162267	-6.1627	0.00256242	0.110537	-9.04676	0.13106	0.423804	-2.35958	8.84234	38.8314	3.90358	1
cg02249713	LOC285780	0.00293848	0.389258	0.868619	-1.15125	8.40E-05	3.09358	3.09358	0.347129	0.856805	-1.16713	0.877399	0.975657	-1.02495	0.368646	0.862944	-1.15882	0.106873	0.755017	-1.32447	0.025387	0.654294	-1.52836	0.448402	1.13126	1.13126	0.151681	1.27788	1.27788	8.61093	3.4755	0.358769	1
cg00753442	LOC285780	0.00612842	0.601155	0.845169	-1.1832	0.313606	1.39431	1.39431	0.000864348	0.20293	-4.9278	0.608997	0.848284	-1.17885	0.322918	0.722063	-1.38492	0.383884	0.752189	-1.32945	0.471286	1.26329	1.26329	0.0022137	0.254698	-3.92622	0.00285089	0.269921	-3.70479	6.89391	11.1064	1.43204	1
cg25649038	LOC285780	0.00666976	0.847652	0.916267	-1.09139	0.000105568	22.4992	22.4992	0.251915	0.580316	-1.7232	0.188393	0.53064	-1.88452	0.426449	1.4466	1.4466	0.25254	1.72186	1.72186	0.524059	0.745607	-1.34119	0.786701	1.13125	1.13125	0.490462	1.37502	1.37502	6.71539	21.9862	2.91023	1
cg12030031	LOC285780;LY86	6.32E-05	6.30E-05	0.212085	-4.71509	8.80E-05	0.227828	-4.38928	0.000239984	0.278157	-3.59509	0.0307579	0.586213	-1.70586	0.000108532	0.237938	-4.20278	0.0161036	0.538007	-1.85871	6.95E-06	0.122992	-8.13062	0.0785781	0.662823	-1.5087	0.00215032	0.403693	-2.47713	25.02	17.5576	0.623772	1
cg17774418	LOC285780;LY86	0.00067587	0.00495602	0.580067	-1.72394	0.102743	1.29864	1.29864	7.14E-05	0.346624	-2.88497	0.159975	0.802711	-1.24578	0.166289	0.805691	-1.24117	0.017533	0.654989	-1.52674	0.0122949	0.63356	-1.57838	0.000136047	0.380397	-2.62883	0.480376	0.900321	-1.11072	13.1394	4.45868	0.301633	1
cg23213758	LOC285780;LY86	0.00611446	0.517401	0.864533	-1.15669	0.0721922	0.640796	-1.56056	0.00588173	0.449599	-2.22421	0.000434662	0.291248	-3.4335	0.00147299	0.361354	-2.76737	0.827212	0.952673	-1.04968	0.0582441	0.622083	-1.6075	0.431591	0.836922	-1.19485	0.110525	0.679981	-1.47063	6.89877	5.37445	0.692484	1
cg07970799	LOC285780;LY86	0.0495982	0.0218356	0.188852	-5.29514	0.921792	1.06128	1.06128	0.0617415	0.279612	-3.57639	0.192763	0.433921	-2.30457	0.0726884	0.297368	-3.36283	0.183884	0.425766	-2.34871	0.00498413	0.105276	-9.49883	0.647192	0.756467	-1.32193	0.0281565	0.208011	-4.80743	3.39853	19.7454	5.16442	1
cg19585310	LOC285796	0.00648108	0.201456	0.859199	-1.16387	0.96566	1.00485	1.00485	0.000202645	0.496065	-2.01587	0.696131	1.04514	1.04514	0.112201	1.21477	1.21477	0.0156237	0.716444	-1.39578	0.0822177	0.805255	-1.24184	0.544092	1.07151	1.07151	0.240806	0.870975	-1.14814	6.7755	1.358	0.178159	1
cg21185936	LOC285830;LOC285830	1.28E-07	0.0121217	1.48037	1.48037	5.83E-08	10.2085	10.2085	0.000968881	1.85161	1.85161	4.60E-07	5.94627	5.94627	0.0223088	0.709263	-1.40991	0.000207123	2.17986	2.17986	0.258085	0.862397	-1.15956	9.59E-09	18.57	18.57	9.18E-06	3.33081	3.33081	123.571	30.7983	0.221543	1
cg23148731	LOC285830;LOC285830	1.01E-05	0.758172	0.949562	-1.05312	0.0178254	0.617115	-1.62044	0.457987	0.881036	-1.13503	0.374487	0.858328	-1.16506	0.000705338	0.420954	-2.37556	3.34E-05	0.259676	-3.85095	2.35E-07	0.0744708	-13.4281	0.198113	0.796162	-1.25602	2.79E-05	0.250924	-3.98526	40.442	17.9894	0.395396	1
cg25927551	LOC285830;LOC285830	1.44E-05	0.799824	0.968684	-1.03233	0.000131443	0.435635	-2.2955	1.06E-05	0.308013	-3.24661	0.0155639	0.689714	-1.44988	0.058219	0.76488	-1.30739	0.473396	1.09561	1.09561	0.000949181	1.85327	1.85327	3.21E-06	0.251285	-3.97954	0.00278569	1.67571	1.67571	36.9131	9.16674	0.220741	1
cg19760323	LOC285830;LOC285830	1.75E-05	0.571305	0.873209	-1.1452	0.0244375	0.529729	-1.88776	0.46252	1.19391	1.19391	0.587332	0.87822	-1.13867	8.07E-05	0.185289	-5.39698	0.15165	1.43913	1.43913	?	?	?	1.41E-06	18.3735	18.3735	0.000242703	4.21308	4.21308	35.9986	28.4618	0.790637	1
cg17748329	LOC285830;LOC285830	2.42E-05	0.0327376	1.40648	1.40648	0.00859612	1.6681	1.6681	0.00358156	1.9207	1.9207	0.00113247	0.411909	-2.42772	6.34E-06	0.036374	-27.4922	1.44E-05	0.0672898	-14.8611	?	?	?	2.87E-05	9.65717	9.65717	0.170587	0.837333	-1.19427	320.412	50.349	0.0785691	1
cg09755181	LOC285830;LOC285830	0.000126902	0.00263958	0.460988	-2.16925	0.000310219	0.336563	-2.97121	0.00399165	0.486694	-2.05468	0.130921	0.738215	-1.35462	1.19E-05	0.178423	-5.60467	0.0765641	0.693089	-1.44282	0.000190023	0.310159	-3.22416	5.73E-05	0.249285	-4.01148	0.110241	0.723303	-1.38255	20.7708	11.3925	0.487542	1
cg13369999	LOC285830;LOC285830	0.000140746	3.00E-05	0.289206	-3.45774	0.00342408	1.82964	1.82964	0.00119597	2.05705	2.05705	0.412925	1.1356	1.1356	0.111438	0.768441	-1.30134	0.000203328	0.388197	-2.57601	0.117493	1.2947	1.2947	0.0429059	0.701893	-1.42472	0.588829	1.08644	1.08644	20.2005	7.38343	0.324896	1
cg20927575	LOC285830;LOC285830	0.000192365	0.520706	0.897821	-1.11381	0.00107123	2.22581	2.22581	0.00162811	2.11157	2.11157	0.599639	1.09165	1.09165	0.473759	1.1282	1.1282	0.368763	1.16513	1.16513	0.101843	1.34513	1.34513	3.39E-06	6.12746	6.12746	0.00489715	1.85401	1.85401	18.566	8.05999	0.38589	1
cg24952408	LOC285830;LOC285830	0.000225692	0.00370711	0.550439	-1.81673	0.00183067	0.509595	-1.96234	0.292929	0.846936	-1.18073	0.324116	0.856368	-1.16772	0.00820536	0.59752	-1.67359	0.00987257	0.60868	-1.6429	0.502032	0.90146	-1.10931	2.91E-06	0.18249	-5.47977	0.0830261	0.746594	-1.33942	17.7781	6.5279	0.326389	1
cg04049102	LOC285830;LOC285830	0.000238748	0.0104056	0.736809	-1.3572	0.425691	0.925882	-1.08005	0.0545062	0.81341	-1.22939	0.0144764	0.751837	-1.33008	0.544645	1.05976	1.05976	0.160348	0.867632	-1.15256	0.000391854	0.585737	-1.70725	4.33E-05	2.08543	2.08543	0.00438255	1.43364	1.43364	17.5082	2.48517	0.126172	1
cg14067066	LOC285830;LOC285830	0.00028843	0.00039013	0.290021	-3.44802	0.00093396	0.339102	-2.94896	0.00444508	0.435653	-2.29541	0.00429586	0.433414	-2.30726	0.000567772	0.310686	-3.21869	0.295916	1.26781	1.26781	4.60E-05	0.185399	-5.39377	0.900502	1.02776	1.02776	0.0027435	0.40455	-2.47188	16.6281	12.6229	0.674784	1
cg24217789	LOC285830;LOC285830	0.000345117	0.001834	0.225738	-4.42991	0.000246148	0.130482	-7.66387	0.506311	0.797117	-1.25452	0.0131632	0.355685	-2.81148	0.00123792	0.204396	-4.89247	0.748446	0.897451	-1.11427	1.52E-05	0.0491616	-20.3411	0.542568	0.812796	-1.23032	0.0561663	0.483209	-2.0695	15.8302	28.3508	1.59194	1
cg17825311	LOC285830;LOC285830	0.000581525	0.000252452	0.285168	-3.5067	0.000359917	0.304201	-3.2873	0.195609	0.752302	-1.32925	0.0247212	0.573475	-1.74375	0.000332705	0.299935	-3.33406	0.08121	0.668988	-1.4948	0.0962729	0.684014	-1.46196	0.0297649	1.70212	1.70212	0.00163309	0.391286	-2.55568	13.7028	9.38473	0.608778	1
cg17546147	LOC285830;LOC285830	0.00060223	0.949625	1.00823	1.00823	0.0966811	0.789241	-1.26704	0.000544376	0.497834	-2.0087	0.54368	1.08304	1.08304	0.801544	0.967841	-1.03323	0.178731	1.20371	1.20371	0.000201971	2.24612	2.24612	0.000462188	0.489108	-2.04454	0.61077	1.06889	1.06889	13.5698	3.6202	0.23714	1
cg13648312	LOC285830;LOC285830	0.000650418	0.00561524	0.4963	-2.01491	0.0728976	1.47034	1.47034	0.00297759	2.19301	2.19301	0.79166	1.05234	1.05234	0.309135	0.816427	-1.22485	0.000164581	0.290019	-3.44805	0.148963	1.34748	1.34748	0.00153676	2.40665	2.40665	0.178243	1.31735	1.31735	13.2812	7.81018	0.52272	1
cg25456960	LOC285830;LOC285830	0.000714194	0.0419137	1.22742	1.22742	0.0572798	0.828647	-1.20679	0.267352	0.903944	-1.10626	0.0309019	1.24794	1.24794	0.183007	0.883832	-1.13144	0.231	1.11607	1.11607	5.34E-05	0.517401	-1.93274	0.0505123	1.21505	1.21505	0.00202149	0.68347	-1.46312	12.9379	1.56516	0.107533	1
cg05542661	LOC285830;LOC285830	0.000936724	0.0560421	0.769719	-1.29918	0.504442	1.08537	1.08537	0.178643	1.18863	1.18863	0.516555	1.08279	1.08279	0.354023	1.12223	1.12223	0.0169043	1.42248	1.42248	0.0999986	0.804152	-1.24355	1.85E-05	2.87308	2.87308	0.365512	0.89365	-1.11901	11.9864	2.77643	0.205894	1
cg21632181	LOC285830;LOC285830	0.000994864	0.142031	0.793064	-1.26093	0.00471412	0.564838	-1.77042	0.00614301	0.581489	-1.71972	0.00293111	0.53513	-1.86871	0.00200899	0.51166	-1.95442	0.0195637	0.655513	-1.52552	0.0566385	0.726491	-1.37648	4.52E-05	0.286426	-3.4913	0.000764895	0.452258	-2.21113	14.3531	4.69402	0.254363	1
cg13819127	LOC285830;LOC285830	0.00113755	0.00238981	0.328131	-3.04756	0.0169914	0.464732	-2.15178	0.178952	0.686683	-1.45628	0.366506	0.783299	-1.27665	0.00123213	0.288244	-3.46928	0.58668	1.15548	1.15548	7.98E-05	0.15319	-6.52783	0.256629	1.36577	1.36577	0.00773737	0.406316	-2.46114	11.3433	12.4517	0.975743	1
cg16203801	LOC285830;LOC285830	0.00127831	0.00331484	0.46874	-2.13338	0.729163	0.936271	-1.06807	0.46253	1.15221	1.15221	0.88788	1.02709	1.02709	0.0556837	0.663139	-1.50798	0.00220187	0.443459	-2.255	0.00862001	1.88623	1.88623	0.00038766	2.92165	2.92165	0.455704	0.865944	-1.15481	10.9718	6.23691	0.50529	1
cg17728820	LOC285830;LOC285830	0.00170843	0.00290555	0.450219	-2.22114	0.996547	0.999157	-1.00084	0.74746	0.938949	-1.06502	0.304134	0.8126	-1.23062	0.000235679	0.304689	-3.28204	0.0160178	0.562773	-1.77691	0.0405334	1.58602	1.58602	0.000922041	0.380932	-2.62514	0.505216	0.876489	-1.14092	10.0933	6.0777	0.535246	1
cg04765420	LOC285830;LOC285830	0.00171594	0.00300821	0.525147	-1.90423	?	?	?	0.0200083	0.641185	-1.55961	0.367367	0.863634	-1.1579	0.0123965	0.6109	-1.63693	0.57032	1.09507	1.09507	0.00897368	0.590885	-1.69238	0.000239132	0.381766	-2.6194	0.0572385	1.40576	1.40576	10.3131	3.63947	0.352897	1
cg17264941	LOC285830;LOC285830	0.00227147	0.000892473	0.12482	-8.01156	0.160354	1.8725	1.8725	0.0205082	0.31114	-3.21399	0.723136	0.861766	-1.16041	0.00328477	0.187232	-5.34097	0.436727	0.717609	-1.39352	0.00075808	0.118236	-8.45768	0.00218263	0.165664	-6.03631	0.163446	0.536841	-1.86275	9.28992	25.7366	2.46256	1
cg11441173	LOC285830;LOC285830	0.00230448	0.348493	0.726817	-1.37586	0.0297777	0.429364	-2.32902	0.00114847	0.206004	-4.85428	0.135568	1.70195	1.70195	0.54566	1.22406	1.22406	0.168854	0.615921	-1.62358	0.000341085	0.148493	-6.73432	0.00233732	0.245468	-4.07385	0.037882	0.451188	-2.21637	9.25071	16.0116	1.53853	1
cg06097213	LOC285830;LOC285830	0.00283188	0.0233813	0.595371	-1.67963	0.0167812	1.74843	1.74843	0.00154978	0.418417	-2.38996	0.00522861	0.493979	-2.02438	0.811938	0.955397	-1.04669	0.31769	1.21862	1.21862	0.00527895	0.494596	-2.02185	0.0133073	0.555925	-1.7988	0.0216706	0.589946	-1.69507	8.70575	5.05273	0.515903	1
cg00346247	LOC285830;LOC285830	0.00293922	0.0908006	1.42527	1.42527	0.0177017	0.577724	-1.73093	0.174429	0.759749	-1.31622	0.00772357	1.91723	1.91723	0.434813	1.16365	1.16365	0.159253	0.751178	-1.33124	0.853292	0.965404	-1.03584	0.000290936	3.07612	3.07612	0.10778	0.716203	-1.39625	8.6103	4.93312	0.509273	1
cg01393604	LOC285830;LOC285830	0.00299283	0.726846	0.943435	-1.05996	0.0166364	1.62499	1.62499	0.0183765	0.621879	-1.60803	0.00128767	0.458901	-2.17912	0.000699649	0.423891	-2.3591	0.715241	1.06272	1.06272	0.202898	1.25005	1.25005	0.945264	1.01147	1.01147	0.0920746	0.735002	-1.36054	8.56423	3.73911	0.388085	1
cg18971999	LOC285830;LOC285830	0.00301547	0.921547	1.02317	1.02317	0.0596715	1.63913	1.63913	0.328166	1.26451	1.26451	0.872133	0.963239	-1.03816	0.452914	1.19458	1.19458	0.860965	1.04161	1.04161	0.183128	1.3888	1.3888	5.37E-05	0.173456	-5.76514	0.475731	0.84482	-1.18368	8.54509	7.31716	0.761155	1
cg17105013	LOC285830;LOC285830	0.00337022	0.00123405	0.458653	-2.1803	0.686661	0.935275	-1.0692	0.95541	1.00927	1.00927	0.459621	1.13228	1.13228	0.743698	0.947303	-1.05563	0.0405222	1.47748	1.47748	0.313079	1.18788	1.18788	0.00160036	2.11074	2.11074	0.00364935	1.91326	1.91326	8.26666	3.56469	0.3833	1
cg14298020	LOC285830;LOC285830	0.00399926	0.00200336	0.248337	-4.02679	0.301673	0.710497	-1.40747	0.25066	0.681542	-1.46726	0.150558	0.611308	-1.63584	0.000650953	0.188291	-5.31093	0.260838	0.687581	-1.45437	0.00193948	0.246457	-4.05751	0.001723	0.239668	-4.17243	0.107561	0.570659	-1.75236	7.85293	12.6887	1.43626	1
cg22387528	LOC285830;LOC285830	0.00432662	0.0034003	0.350443	-2.85353	0.0389452	0.532868	-1.87664	0.453669	0.817897	-1.22265	0.00184476	0.312082	-3.20429	0.00770508	0.4059	-2.46366	0.0130431	0.444366	-2.2504	0.00473572	0.372306	-2.68596	0.00119981	0.286587	-3.48934	0.0564085	0.566155	-1.7663	7.6685	8.42329	0.97638	1
cg14629287	LOC285830;LOC285830	0.00445605	0.140603	1.1198	1.1198	0.00149964	1.38633	1.38633	0.0123498	1.24903	1.24903	0.0235652	1.21291	1.21291	0.0618125	1.162	1.162	0.702317	1.02779	1.02779	0.0264007	0.82867	-1.20675	0.00137933	1.39258	1.39258	0.15143	1.11597	1.11597	7.60031	0.613374	0.0717367	1
cg24177217	LOC285830;LOC285830	0.00453532	0.0582171	0.504079	-1.98381	0.52541	1.22867	1.22867	0.26505	0.689549	-1.45022	0.141011	0.602502	-1.65974	0.61066	1.17859	1.17859	0.0579102	0.50355	-1.9859	0.0388372	0.46511	-2.15003	0.000259873	0.146227	-6.8387	0.00129524	0.223151	-4.48127	7.55977	12.2619	1.44177	1
cg16650906	LOC285830;LOC285830	0.00457444	0.12855	1.40582	1.40582	0.536153	0.878183	-1.13871	0.112429	0.698832	-1.43096	0.553058	1.1325	1.1325	0.000553864	0.329103	-3.03856	0.863999	1.03619	1.03619	0.0424887	1.62322	1.62322	0.00182583	0.399135	-2.50541	0.884281	1.03066	1.03066	7.54007	5.13448	0.605296	1
cg27491398	LOC285830;LOC285830	0.00500849	0.0631512	1.96326	1.96326	0.146811	0.60494	-1.65306	0.028496	0.43415	-2.30335	0.1313	1.69191	1.69191	0.000233642	0.139471	-7.16997	0.677874	0.873867	-1.14434	0.573381	1.20159	1.20159	0.0309146	0.441339	-2.26583	0.937515	0.97501	-1.02563	7.3348	12.1032	1.46676	1
cg18458352	LOC285830;LOC285830	0.005539	0.13132	1.58866	1.58866	0.587667	0.855934	-1.16831	0.0617274	0.549966	-1.81829	0.121274	0.620417	-1.61182	0.166002	0.65722	-1.52156	0.373339	1.29651	1.29651	0.00114936	0.257231	-3.88756	0.00144048	0.270117	-3.7021	0.0956492	1.6822	1.6822	7.11211	9.0947	1.13668	1
cg21241839	LOC285830;LOC285830	0.00596165	0.0630412	1.73847	1.73847	0.492157	1.20261	1.20261	0.156847	1.4925	1.4925	0.71112	0.906305	-1.10338	0.470079	0.823375	-1.21451	0.000503538	0.237324	-4.21365	0.829615	0.944601	-1.05865	0.00511491	2.65985	2.65985	0.166486	1.4772	1.4772	6.95291	7.70162	0.984607	1
cg09567915	LOC285830;LOC285830	0.00704818	0.00410319	0.283843	-3.52307	0.109078	0.564683	-1.7709	0.0926216	0.545934	-1.83172	0.882523	1.04955	1.04955	0.417924	0.762827	-1.31091	0.0367226	2.21156	2.21156	0.0275795	0.426519	-2.34456	0.00443317	3.46206	3.46206	0.0954043	0.54927	-1.8206	6.60098	11.1826	1.50586	1
cg17514431	LOC285830;LOC285830	0.00708676	0.11903	0.759687	-1.31633	0.00421532	0.536606	-1.86356	0.00122658	0.463872	-2.15577	0.0613276	0.710008	-1.40844	0.885336	0.976832	-1.02372	0.248964	1.21623	1.21623	0.0637323	1.40297	1.40297	0.237678	0.817957	-1.22256	0.0176493	0.625675	-1.59827	6.58975	2.75428	0.371523	1
cg09990446	LOC285830;LOC285830	0.00736797	0.0276214	0.573034	-1.7451	0.0473206	0.615601	-1.62443	0.903102	1.02638	1.02638	0.160192	0.725575	-1.37822	0.0784978	0.658474	-1.51866	0.308412	0.798206	-1.25281	0.00691153	0.473578	-2.11158	0.00131871	2.71588	2.71588	0.368316	0.820735	-1.21842	6.51011	4.71278	0.643482	1
cg12550837	LOC285830;LOC285830	0.00791663	0.822869	1.04965	1.04965	0.227356	0.760394	-1.31511	0.225753	0.759602	-1.31648	0.416635	0.835745	-1.19654	0.0015406	0.373548	-2.67703	0.0218514	0.55172	-1.81251	0.000689817	0.326351	-3.06419	0.225072	0.759265	-1.31706	0.0112352	0.503312	-1.98684	6.36509	4.70954	0.657691	1
cg03536022	LOC285830;LOC285830	0.00818726	0.00227436	0.206917	-4.83286	0.0442676	0.426212	-2.34625	0.0108794	0.307268	-3.25449	0.603971	1.21304	1.21304	0.000740351	0.150904	-6.62673	0.0959242	0.509214	-1.96381	0.0474127	0.43297	-2.30963	0.102272	0.516868	-1.93473	0.165463	0.579277	-1.72629	6.29809	13.5875	1.91768	1
cg23134100	LOC285830;LOC285830	0.00893333	0.849499	1.02668	1.02668	0.00257246	1.78469	1.78469	0.134996	1.2502	1.2502	0.503041	1.09877	1.09877	0.57577	0.924642	-1.0815	0.357718	1.14006	1.14006	0.722992	1.05056	1.05056	0.00085984	0.49978	-2.00088	0.83327	1.02964	1.02964	6.12681	1.86365	0.270382	1
cg19352507	LOC285830;LOC285830	0.00902005	0.0608505	0.443242	-2.2561	0.0706507	0.459395	-2.17678	0.0413749	0.40418	-2.47414	0.509734	0.772982	-1.29369	0.00384591	0.223138	-4.48152	0.252256	1.58487	1.58487	0.0218435	0.346609	-2.8851	0.00902758	3.58965	3.58965	0.0805778	0.47415	-2.10904	6.10806	14.3429	2.08729	1
cg05368547	LOC285830;LOC285830	0.0102753	0.279132	1.29684	1.29684	0.864399	1.04027	1.04027	0.150076	0.700179	-1.42821	0.716156	1.08801	1.08801	0.5965	1.13137	1.13137	0.354045	0.802308	-1.2464	0.567355	0.874986	-1.14288	0.000149128	0.221957	-4.50537	0.713772	0.91842	-1.08883	5.85946	4.95212	0.751244	1
cg25122820	LOC285830;LOC285830	0.01083	0.328612	0.772818	-1.29397	0.973635	0.991589	-1.00848	0.49719	1.19265	1.19265	0.185696	0.698611	-1.43141	0.762727	0.92553	-1.08046	0.0239482	0.50232	-1.99076	0.254778	0.737929	-1.35514	0.000512948	3.99938	3.99938	0.159768	1.46806	1.46806	5.76134	5.96072	0.919649	1
cg16101636	LOC285830;LOC285830	0.0120346	0.742755	0.879882	-1.13652	0.15787	1.79804	1.79804	0.455749	0.744409	-1.34335	0.0189974	0.331731	-3.01449	0.0047899	0.233469	-4.28323	0.0951562	0.490439	-2.03899	0.500415	1.30442	1.30442	0.00130343	0.162152	-6.16705	0.60864	0.818195	-1.2222	5.5683	13.3138	2.12534	1
cg06486622	LOC285830;LOC285830	0.0127199	0.441702	0.854423	-1.17038	0.46315	1.16157	1.16157	0.889987	0.972626	-1.02814	0.00169953	2.45709	2.45709	0.00483403	0.472556	-2.11615	0.0571606	1.53968	1.53968	0.932671	0.983197	-1.01709	0.206382	0.76545	-1.30642	0.888651	0.972296	-1.02849	5.46888	3.48372	0.56623	1
cg20519483	LOC285830;LOC285830	0.0141256	0.851287	0.910186	-1.09868	0.087092	2.57881	2.57881	0.793032	1.14094	1.14094	0.0117533	0.206381	-4.84542	0.113953	0.42221	-2.36849	0.277726	1.7612	1.7612	0.502456	1.40674	1.40674	0.00101477	0.0867857	-11.5226	0.855539	1.09568	1.09568	5.28435	21.042	3.5395	1
cg19766164	LOC285830;LOC285830	0.0144603	0.613089	0.91051	-1.09829	0.988751	0.997411	-1.0026	0.284811	0.815246	-1.22662	0.694062	1.07539	1.07539	0.308011	0.823658	-1.2141	0.069063	0.687968	-1.45356	0.00019389	0.315628	-3.16828	0.65953	0.92172	-1.08493	0.86383	1.03206	1.03206	5.24375	2.80734	0.475883	1
cg09545764	LOC285830;LOC285830	0.0150893	0.298205	0.873335	-1.14504	0.0018364	1.7433	1.7433	0.115523	1.23972	1.23972	0.201975	1.18437	1.18437	0.028562	0.722906	-1.38331	0.457438	1.0997	1.0997	0.492991	0.916269	-1.09138	0.065584	0.771406	-1.29633	0.141766	1.21947	1.21947	5.17054	1.29178	0.222075	1
cg12296326	LOC285830;LOC285830	0.0154136	0.00391282	0.357541	-2.79688	0.223322	1.40335	1.40335	0.517821	1.18963	1.18963	0.621792	1.14076	1.14076	0.470567	0.823327	-1.21458	0.00111276	0.280236	-3.56842	0.228396	0.715473	-1.39768	0.789572	1.07341	1.07341	0.935372	0.978751	-1.02171	5.13425	5.70351	0.987445	1
cg24438313	LOC285830;LOC285830	0.0168286	0.00189952	0.404488	-2.47226	0.241004	0.776869	-1.28722	0.182907	1.33739	1.33739	0.0580376	0.643578	-1.55381	0.71058	1.07969	1.07969	0.930246	0.982152	-1.01817	0.00467055	0.461303	-2.16777	0.368207	1.2094	1.2094	0.663755	0.913951	-1.09415	4.98635	3.3416	0.595689	1
cg08541345	LOC285830;LOC285830	0.0213927	0.137656	2.29769	2.29769	0.0207413	4.25818	4.25818	0.106258	2.50398	2.50398	0.112141	2.45985	2.45985	0.589977	1.32721	1.32721	0.393517	1.57586	1.57586	0.223305	1.94606	1.94606	0.000679763	14.9091	14.9091	0.0183269	4.43523	4.43523	4.59782	19.7167	3.81179	1
cg11497864	LOC285830;LOC285830	0.0219363	0.306144	0.694062	-1.44079	0.435623	0.760217	-1.31541	0.973553	0.988639	-1.01149	0.898539	0.956984	-1.04495	0.0662779	0.491646	-2.03399	0.0540209	2.12509	2.12509	0.0207127	0.382892	-2.6117	0.00467156	3.65597	3.65597	0.15523	0.592005	-1.68918	4.55847	8.57695	1.67248	1
cg08451469	LOC285830;LOC285830	0.0274144	0.591481	1.30127	1.30127	0.443903	1.46141	1.46141	0.836834	0.904625	-1.10543	0.977775	1.01363	1.01363	0.0194864	0.25346	-3.9454	0.812329	1.12256	1.12256	0.975136	1.01526	1.01526	0.000959118	0.0915505	-10.9229	0.435479	1.47217	1.47217	4.21904	15.7869	3.32605	1
cg15479387	LOC285830;LOC285830	0.0292177	0.146143	0.351099	-2.8482	0.897645	0.91728	-1.09018	0.0329861	0.18769	-5.32793	0.0773872	0.267897	-3.73277	0.0105617	0.115559	-8.65358	0.690223	0.764318	-1.30836	0.0268236	0.172112	-5.81018	0.00251417	0.0598919	-16.6968	0.250307	0.446658	-2.23885	4.1253	29.4081	6.33663	1
cg08816824	LOC285830;LOC285830	0.0369237	0.472938	1.17397	1.17397	0.166158	1.38324	1.38324	0.0520303	1.62524	1.62524	0.293197	1.27072	1.27072	0.290408	1.27262	1.27262	0.313278	1.25754	1.25754	0.0664418	1.57187	1.57187	0.00102382	2.91413	2.91413	0.0364342	1.70624	1.70624	3.79272	2.8999	0.679641	1
cg05119316	LOC285830;LOC285830	0.0382745	0.0272524	0.545847	-1.83202	0.443039	1.19868	1.19868	0.67522	0.906974	-1.10257	0.410526	0.822833	-1.21531	0.154085	0.702199	-1.4241	0.433153	1.20362	1.20362	0.013167	0.490546	-2.03854	0.0166332	1.96911	1.96911	0.561153	0.87271	-1.14586	3.74326	3.18297	0.755839	1
cg04892672	LOC285830;LOC285830	0.0401269	0.140978	0.599877	-1.66701	0.171331	1.60009	1.60009	0.504442	0.803628	-1.24436	0.379638	1.33761	1.33761	0.03061	0.440498	-2.27016	0.109475	1.75632	1.75632	0.241745	1.48508	1.48508	0.00835108	0.336956	-2.96775	0.528208	0.813631	-1.22906	3.67884	6.06918	1.46645	1
cg15180617	LOC285830;LOC285830	0.0464136	0.0571255	0.36594	-2.73269	0.75343	0.863137	-1.15857	0.423154	0.682421	-1.46537	0.0650464	0.380004	-2.63155	0.0463963	0.344513	-2.90265	0.141327	0.477686	-2.09343	0.551292	0.754612	-1.32518	0.00150254	0.118048	-8.47112	0.334245	0.628039	-1.59226	3.48484	12.0404	3.07118	1
cg13719443	LOC285847	0.00119658	0.000931913	0.227445	-4.39666	0.000375831	0.18197	-5.4954	0.00193595	0.268614	-3.72281	0.0113046	0.386469	-2.58753	0.00296526	0.294588	-3.39458	0.347008	0.748114	-1.33669	0.000366984	0.180859	-5.52916	0.0223738	0.44038	-2.27077	0.0306929	0.467312	-2.1399	11.1809	15.9036	1.26435	1
cg25994725	LOC285847;C6orf81	0.000173166	0.559924	0.908307	-1.10095	0.00137328	2.13273	2.13273	0.3627	0.858449	-1.16489	0.000641385	0.425352	-2.351	1.09E-05	0.21672	-4.61425	0.0350089	1.49298	1.49298	0.18907	1.25482	1.25482	0.0488333	0.692787	-1.44345	0.586389	0.914271	-1.09377	19.1019	8.05234	0.374708	1
cg22211300	LOC285847;C6orf81	0.000219664	0.000199013	0.717663	-1.39341	0.00337129	0.809191	-1.2358	0.369522	0.952246	-1.05015	0.0114	0.84523	-1.18311	0.715504	0.980753	-1.01963	0.473207	0.962007	-1.03949	0.00567926	1.21243	1.21243	1.59E-05	0.623205	-1.60461	0.0187956	0.859725	-1.16316	17.9094	0.799613	0.0396867	1
cg22138096	LOC285954	0.00892498	0.000890761	0.126089	-7.9309	0.148028	0.524307	-1.90728	0.905941	1.05041	1.05041	0.0122724	0.273125	-3.66132	0.0369053	0.364784	-2.74135	0.0039371	0.199082	-5.02305	0.706535	0.854379	-1.17044	0.0255449	0.331542	-3.01621	0.0219088	0.318496	-3.13976	6.12863	16.8037	2.43719	1
cg18413237	LOC285954;INHBA;LOC285954	0.00278261	0.0018712	0.327158	-3.05663	0.335371	1.28611	1.28611	0.106471	0.639884	-1.56278	0.652116	1.12181	1.12181	0.000403479	0.240566	-4.15686	0.0494394	0.566724	-1.76453	0.00157425	0.316692	-3.15765	0.10997	0.643213	-1.55469	0.0141211	0.464324	-2.15367	8.75109	8.89153	0.903155	1
cg16185125	LOC285954;LOC285954	0.000135746	0.0113639	1.15894	1.15894	0.00114533	1.24926	1.24926	0.909499	0.994721	-1.00531	0.987526	1.00073	1.00073	0.067343	0.908989	-1.10012	0.211822	0.940613	-1.06314	9.17E-06	0.639854	-1.56286	0.113588	0.922987	-1.08344	0.00135442	1.24183	1.24183	20.398	0.699984	0.0305034	1
cg09498134	LOC285954;LOC285954	0.000297948	0.129016	0.675152	-1.48115	0.0110009	2.14664	2.14664	0.157916	0.696601	-1.43554	0.488181	0.84481	-1.1837	0.00215821	0.356543	-2.80471	0.787031	0.937211	-1.067	0.523536	0.856577	-1.16744	8.49E-06	0.0981769	-10.1857	0.00206349	0.353757	-2.8268	16.4811	14.9679	0.807281	1
cg12610087	LOC285954;LOC285954	0.0104566	0.0858069	1.59784	1.59784	0.342946	1.27274	1.27274	0.278411	0.757146	-1.32075	0.00111865	3.2695	3.2695	0.79073	1.06785	1.06785	0.0292132	1.88555	1.88555	0.779141	1.07186	1.07186	0.535409	1.16757	1.16757	0.00159092	3.0606	3.0606	5.82667	5.62259	0.857756	1
cg14093886	LOC285954;LOC285954	0.0468474	0.0259722	0.636025	-1.57227	0.485941	0.885838	-1.12887	0.158031	0.77227	-1.29488	0.0243701	0.631691	-1.58305	0.914562	1.01854	1.01854	0.0222342	0.625485	-1.59876	0.030061	0.646061	-1.54784	0.361682	1.17414	1.17414	0.038774	0.663836	-1.5064	3.47267	1.61231	0.412697	1
cg16881064	LOC285954;LOC285954;INHBA	0.00118541	0.968295	1.01225	1.01225	0.994343	1.00217	1.00217	0.852654	0.944629	-1.05862	0.192418	0.655291	-1.52604	0.00929132	0.363822	-2.7486	1.63E-05	0.0659518	-15.1626	0.00791443	0.352231	-2.83905	0.127445	0.603526	-1.65693	0.423807	0.778591	-1.28437	11.2108	16.6653	1.32137	1
cg16415646	LOC285954;LOC285954;INHBA	0.00180855	0.00370874	0.35763	-2.79618	0.335143	1.29779	1.29779	0.646165	1.12889	1.12889	0.186699	0.692752	-1.44352	0.000412909	0.229906	-4.3496	0.0155591	0.45929	-2.17727	0.00200578	0.318701	-3.13774	0.00335745	0.351153	-2.84776	0.00332326	0.35049	-2.85315	9.92812	10.8148	0.968275	1
cg07650391	LOC285954;LOC285954;INHBA	0.0206269	0.0401946	0.363425	-2.7516	0.00695938	0.225207	-4.44036	0.726099	0.860562	-1.16203	0.778576	1.1279	1.1279	0.0868324	0.445986	-2.24222	0.0461909	0.377076	-2.65198	0.00586966	0.214479	-4.66247	0.00624508	0.218338	-4.58006	0.757741	0.876252	-1.14122	4.65541	13.4413	2.56644	1
cg05885137	LOC285954;LOC285954;INHBA	0.0299497	0.428986	1.23153	1.23153	0.0253958	1.98443	1.98443	0.417845	0.807717	-1.23806	0.241861	1.37158	1.37158	0.277035	0.747065	-1.33857	0.633235	0.883382	-1.13201	0.00184551	0.319678	-3.12814	0.417259	0.80749	-1.23841	0.899203	0.967842	-1.03323	4.08927	4.30873	0.936594	1
cg19535073	LOC285954;LOC285954;INHBA	0.0299915	0.127299	0.609322	-1.64117	0.201733	1.49931	1.49931	0.46011	0.797762	-1.25351	0.620318	0.860679	-1.16187	0.00907702	0.369312	-2.70774	0.0309295	0.467094	-2.1409	0.014555	0.404884	-2.46984	0.014145	0.402663	-2.48347	0.122544	0.604881	-1.65322	4.08724	5.84283	1.27069	1
cg00285343	LOC285954;LOC285954;INHBA	0.0356317	0.154771	0.541901	-1.84536	0.00348583	0.202949	-4.92734	0.0956994	0.478909	-2.08808	0.155799	1.84216	1.84216	0.0991235	0.483197	-2.06955	0.229161	0.601891	-1.66143	0.185072	0.568106	-1.76023	0.0246322	0.340737	-2.93482	0.646515	1.20415	1.20415	3.84215	9.84882	2.27854	1
cg09124496	LOC285954;LOC285954;INHBA	0.0408956	0.80524	1.1463	1.1463	0.48784	1.47633	1.47633	0.460183	0.659946	-1.51527	0.0679436	0.323043	-3.09557	0.00361159	0.11335	-8.82222	0.3686	0.600254	-1.66596	0.00874388	0.157849	-6.33518	0.553126	0.717773	-1.3932	0.595291	1.34489	1.34489	3.65318	17.6745	4.30056	1
cg17152869	LOC286002;SLC26A4	0.0459793	0.486081	0.715815	-1.39701	0.854304	1.09071	1.09071	0.686116	0.825373	-1.21157	0.0264579	3.46599	3.46599	0.405072	0.668707	-1.49542	0.328104	0.620743	-1.61097	0.00290814	6.91024	6.91024	0.896035	0.940112	-1.0637	0.183673	1.94704	1.94704	3.49718	12.3593	3.14141	1
cg21587477	LOC286016	0.00208655	0.625734	0.928518	-1.07699	0.116346	0.773007	-1.29365	0.553192	1.09473	1.09473	0.383391	1.14438	1.14438	0.041054	0.70068	-1.42718	0.825465	1.03389	1.03389	0.0479424	0.710939	-1.40659	0.000612363	0.451006	-2.21727	0.00011344	0.359641	-2.78055	9.52351	3.43376	0.320494	1
cg13976866	LOC286016;TNPO3	0.000176677	0.0555833	1.17245	1.17245	0.198294	0.905102	-1.10485	0.0445877	0.844398	-1.18428	0.0941366	0.87374	-1.1445	0.660832	1.03291	1.03291	0.0887564	0.871373	-1.14761	2.74E-06	2.28365	2.28365	0.990448	1.00088	1.00088	0.44208	0.944138	-1.05917	18.9985	1.61833	0.0757173	1
cg04902364	LOC286016;TNPO3	0.000290695	0.00103984	0.469095	-2.13176	0.0520743	0.708589	-1.41125	0.672947	0.93596	-1.06842	0.799405	1.04049	1.04049	0.000206206	0.379472	-2.63524	0.0145898	0.625692	-1.59823	8.44E-05	3.01045	3.01045	0.497888	1.11323	1.11323	0.157796	1.26546	1.26546	16.5926	6.38583	0.342099	1
cg27664783	LOC286016;TNPO3	0.00136289	0.0420865	0.521294	-1.9183	0.209734	0.692326	-1.44441	0.061342	1.79742	1.79742	0.726502	0.906942	-1.10261	0.0211357	0.462474	-2.16228	0.48316	1.21924	1.21924	0.0190625	0.454158	-2.20188	0.000120009	0.15411	-6.48886	0.000568873	0.226568	-4.41368	10.7722	13.1995	1.08917	1
cg10659652	LOC286016;TNPO3	0.00217397	0.000296894	0.0917508	-10.8991	0.0417312	2.45168	2.45168	0.0197164	2.9574	2.9574	0.047576	0.421236	-2.37396	0.813785	0.915606	-1.09217	0.00179907	0.172366	-5.80162	0.0203466	0.340856	-2.93379	0.175717	0.581019	-1.72111	0.18392	0.587775	-1.70133	11.1923	24.2156	1.6828	1
cg04637704	LOC286016;TNPO3	0.00443306	0.161679	1.89619	1.89619	0.00807471	4.27423	4.27423	0.00698276	4.45457	4.45457	0.900811	1.05484	1.05484	0.235703	1.70244	1.70244	0.0152568	0.279253	-3.58098	0.00261445	5.95715	5.95715	0.00635063	4.57739	4.57739	0.0175946	3.44439	3.44439	7.61225	22.1011	2.58076	1
cg24176311	LOC286016;TNPO3	0.0061211	0.116541	2.66081	2.66081	0.0128847	5.88241	5.88241	0.167132	2.3283	2.3283	0.643792	1.30632	1.30632	0.905718	0.934265	-1.07036	0.0141899	0.176157	-5.67675	0.00167228	13.1874	13.1874	0.0067967	7.48336	7.48336	0.0234114	4.73074	4.73074	6.89646	35.9697	4.63616	1
cg21108361	LOC286016;TNPO3;TNPO3	0.0100886	0.0262154	0.70676	-1.41491	0.00191256	1.78325	1.78325	0.0627168	1.31735	1.31735	0.571764	1.0781	1.0781	0.0648582	1.31373	1.31373	0.441239	1.10888	1.10888	0.485235	0.910889	-1.09783	0.00646328	1.59363	1.59363	0.0703594	1.30499	1.30499	5.89396	1.61682	0.243838	1
cg27049201	LOC286016;TNPO3;TNPO3	0.0103116	0.000750777	0.655419	-1.52574	0.0712718	1.18114	1.18114	0.0969871	1.16245	1.16245	0.170555	0.886391	-1.12817	0.952639	0.995104	-1.00492	0.117632	0.868985	-1.15077	0.0960127	1.16306	1.16306	0.656669	1.03766	1.03766	0.142913	1.13896	1.13896	5.85283	0.63296	0.0961297	1
cg25053164	LOC286094	0.00323464	0.23785	0.858883	-1.1643	0.820246	0.972387	-1.0284	0.269505	1.15197	1.15197	0.648609	0.945118	-1.05807	0.00259171	1.67125	1.67125	0.000193535	2.16383	2.16383	0.0580047	1.30165	1.30165	0.191686	0.843623	-1.18536	0.197927	0.845844	-1.18225	8.36857	2.00617	0.21309	1
cg21497480	LOC286135	0.00957022	0.012149	0.342301	-2.92141	0.00162104	0.212353	-4.70915	0.00406125	0.266309	-3.75504	0.0582409	0.479944	-2.08358	0.00677217	0.300066	-3.3326	0.0150388	0.358788	-2.78716	0.0507609	0.466093	-2.14549	0.3504	0.719167	-1.3905	0.0435852	0.451208	-2.21627	5.99411	11.1676	1.65609	1
cg16969207	LOC286135	0.0174558	0.263656	0.675325	-1.48077	0.00119146	0.201793	-4.95557	0.0102038	0.33581	-2.97787	0.576193	0.826755	-1.20955	0.00772166	0.315701	-3.16756	0.190034	0.626508	-1.59615	0.0371386	0.442542	-2.25967	0.905689	0.960856	-1.04074	0.13076	0.577098	-1.73281	4.92565	8.85425	1.59785	1
cg14112041	LOC286238	0.0168305	0.888257	1.03489	1.03489	0.000396936	0.252652	-3.95802	0.126827	0.668394	-1.49612	0.993705	1.00193	1.00193	0.19213	0.714028	-1.4005	0.527349	1.1691	1.1691	0.196346	0.716554	-1.39557	0.0272623	0.52867	-1.89154	0.151839	0.687585	-1.45437	4.98616	4.70029	0.837928	1
cg01751584	LOC286359	0.0162786	0.276879	0.710539	-1.40738	0.00382457	0.307817	-3.24868	0.00259254	0.283293	-3.52992	0.074055	0.54797	-1.82492	0.00512073	0.327092	-3.05724	0.0652472	0.535058	-1.86896	0.863954	1.05319	1.05319	0.418275	0.77886	-1.28393	0.207656	0.669335	-1.49402	5.04193	7.29091	1.28538	1
cg11520439	LOC286367	0.020734	0.0659832	0.429583	-2.32784	0.0272642	0.342943	-2.91593	0.00967562	0.261578	-3.82295	0.0389239	0.375586	-2.66251	0.00187852	0.164339	-6.08499	0.0825013	0.454836	-2.1986	0.179488	0.557637	-1.79328	0.545847	1.28453	1.28453	0.139959	0.521774	-1.91654	4.6472	12.3502	2.36228	1
cg25530944	LOC286467	0.00314256	0.0017815	0.128938	-7.75569	0.0123867	0.238388	-4.19484	0.0320156	0.31441	-3.18056	0.0135256	0.244691	-4.08679	0.0650481	0.385158	-2.59634	0.0544183	0.365976	-2.73242	0.000533694	0.0835177	-11.9735	0.0422973	2.9366	2.9366	0.16014	0.500991	-1.99604	8.44086	28.3579	2.98632	1
cg20469935	LOC286467	0.00837167	0.00153669	0.170676	-5.85905	0.17892	0.574712	-1.74	0.209787	0.59886	-1.66984	0.0585892	0.43657	-2.29058	0.207357	0.597042	-1.67493	0.154361	0.553543	-1.80654	0.0030186	0.206578	-4.84079	0.0215738	2.9167	2.9167	0.0874419	0.480995	-2.07902	6.25399	14.9043	2.11837	1
cg14924469	LOC286467	0.011213	0.0352069	0.240061	-4.1656	0.00317557	0.095945	-10.4226	0.514175	0.680588	-1.46932	0.104566	0.356306	-2.80657	0.0736036	0.313429	-3.19051	0.482758	0.660384	-1.51427	0.0220566	0.202494	-4.93843	0.00666155	7.75151	7.75151	0.45032	0.639276	-1.56427	5.69719	30.529	4.76321	1
cg03073000	LOC286467	0.0124701	0.00920938	0.221927	-4.50598	0.0296837	0.311794	-3.20725	0.0697988	0.397212	-2.51755	0.0218325	0.28561	-3.50127	0.0450879	0.351003	-2.84898	0.200231	0.540008	-1.85172	0.00610891	0.196008	-5.10183	0.0296508	3.20826	3.20826	0.288661	0.605586	-1.65129	5.50433	18.075	2.91892	1
cg25691526	LOC286467	0.016977	0.0182801	0.201524	-4.96219	0.0248032	0.224423	-4.45588	0.396525	0.615358	-1.62507	0.0615363	0.307946	-3.24732	0.0425302	0.270861	-3.69193	0.308035	0.554289	-1.80411	0.00392751	0.114134	-8.76159	0.0352747	3.94001	3.94001	0.278406	0.532426	-1.87819	4.97174	24.6271	4.40304	1
cg21389208	LOC338758	0.00866993	0.371954	0.799241	-1.25119	0.511422	0.849751	-1.17681	0.189034	0.711657	-1.40517	0.503325	1.18062	1.18062	0.00376863	0.384522	-2.60063	0.417839	0.816772	-1.22433	0.190269	1.40368	1.40368	0.0501637	1.72615	1.72615	0.00158254	3.03077	3.03077	6.18518	5.85427	0.841333	1
cg17318990	LOC338758	0.0166446	0.124467	0.776037	-1.2886	0.0302548	0.678189	-1.47452	0.990727	0.99823	-1.00177	0.180637	1.24197	1.24197	0.943347	1.01089	1.01089	0.00111477	0.480954	-2.0792	0.00890359	0.602094	-1.66087	0.399898	0.876903	-1.14038	0.534554	0.908574	-1.10063	5.00469	1.84179	0.327122	1
cg22199115	LOC338758	0.0209595	0.129879	0.868488	-1.15143	0.00208179	0.688378	-1.45269	0.260749	0.903856	-1.10637	0.188328	1.12764	1.12764	0.228631	1.11504	1.11504	0.921502	1.00853	1.00853	0.18322	1.12942	1.12942	0.0315199	0.804655	-1.24277	0.240279	1.11177	1.11177	4.63008	0.544623	0.104557	1
cg15104066	LOC338758	0.0290733	0.439107	0.853782	-1.17126	0.197665	0.761262	-1.31361	0.0351893	0.611734	-1.6347	0.724654	0.931605	-1.07342	0.215206	0.770024	-1.29866	0.00448818	0.46816	-2.13602	0.174755	1.33529	1.33529	0.0408559	1.60457	1.60457	0.403843	1.18663	1.18663	4.13254	2.62644	0.564935	1
cg10602367	LOC338758	0.0412263	?	?	?	0.419881	1.31956	1.31956	0.712254	1.13238	1.13238	0.0265774	0.404271	-2.47359	?	?	?	0.228397	0.652375	-1.53286	?	?	?	0.420315	0.758037	-1.3192	0.0123715	2.94996	2.94996	4.1911	4.87228	1.35628	1
cg08235883	LOC338799	1.89E-05	0.546193	1.06967	1.06967	0.364792	1.10815	1.10815	0.689869	1.04523	1.04523	0.00844916	1.44895	1.44895	0.113025	1.2095	1.2095	1.90E-07	5.79073	5.79073	0.0172106	0.726086	-1.37725	0.695125	1.04439	1.04439	0.00264729	1.58195	1.58195	34.3729	6.62043	0.171205	1
cg17565880	LOC338799	6.05E-05	0.0161238	0.707273	-1.41388	0.000235576	0.488182	-2.04841	0.998113	1.00028	1.00028	0.957895	1.00623	1.00623	0.783416	0.968106	-1.03294	2.40E-06	3.85013	3.85013	0.0805918	0.796147	-1.25605	0.0678375	0.78614	-1.27204	0.0160002	0.706865	-1.4147	25.3134	5.54814	0.194824	1
cg04598325	LOC338799	0.000134845	0.195855	0.636769	-1.57043	0.413106	0.761321	-1.31351	0.539904	1.22328	1.22328	0.00982429	3.17259	3.17259	0.190864	1.57971	1.57971	2.21E-05	39.2072	39.2072	?	?	?	4.75E-05	0.040304	-24.8114	0.0518834	2.11806	2.11806	38.3801	53.7933	1.0512	1
cg21839913	LOC338799	0.000406937	0.988096	1.0038	1.0038	0.132511	0.662236	-1.51004	?	?	?	0.055789	0.576836	-1.73359	0.435119	1.22406	1.22406	1.08E-05	10.8281	10.8281	0.642157	1.12616	1.12616	0.0144371	0.465141	-2.14989	0.358314	1.27103	1.27103	15.4999	14.0662	0.907501	1
cg08134342	LOC338799	0.000725054	0.202246	0.784118	-1.27532	0.694169	1.07399	1.07399	0.627261	0.915404	-1.09241	0.148683	1.32285	1.32285	0.62961	0.915964	-1.09175	1.19E-05	5.32628	5.32628	0.0713251	0.695014	-1.43882	0.848282	0.965996	-1.0352	0.0170958	1.69056	1.69056	12.8833	6.65742	0.459332	1
cg09148852	LOC338799	0.00219862	0.00896416	2.12799	2.12799	0.62357	1.11895	1.11895	0.000594107	3.33567	3.33567	0.00338559	2.47271	2.47271	0.938262	1.01776	1.01776	0.50352	1.16677	1.16677	0.0530081	1.64801	1.64801	0.00151263	2.82419	2.82419	0.000681564	3.25207	3.25207	9.37901	7.66794	0.726723	1
cg02317313	LOC338799	0.0100379	0.0193611	2.74252	2.74252	0.363896	1.39498	1.39498	0.00419176	3.92922	3.92922	0.0125292	3.0284	3.0284	0.423898	1.33827	1.33827	0.248559	1.53773	1.53773	0.660558	1.17076	1.17076	0.00264045	4.41264	4.41264	0.00240393	4.5202	4.5202	5.90347	11.9002	1.79182	1
cg26781726	LOC338799	0.0179918	0.0614074	1.28296	1.28296	0.631062	1.05888	1.05888	0.441823	1.09716	1.09716	0.107154	1.23113	1.23113	0.91468	1.01275	1.01275	0.0454523	1.31162	1.31162	0.190761	1.17798	1.17798	0.00427952	1.57118	1.57118	0.000950595	1.79034	1.79034	4.87587	1.07954	0.196805	1
cg08421051	LOC338799	0.0268361	0.887985	1.04068	1.04068	0.206109	1.45842	1.45842	0.00328096	3.10701	3.10701	0.165374	1.51991	1.51991	0.0395442	0.50986	-1.96132	0.529163	1.19767	1.19767	0.121034	1.60913	1.60913	0.141144	1.56485	1.56485	0.0193147	2.22678	2.22678	4.25073	5.38953	1.12703	1
cg00222015	LOC338799	0.0480942	0.561529	0.809914	-1.2347	0.0317395	2.46995	2.46995	0.0172316	2.83536	2.83536	0.0548849	2.18568	2.18568	0.234535	0.639207	-1.56444	0.0607463	2.13674	2.13674	0.0312373	2.47879	2.47879	0.489843	1.28651	1.28651	0.16078	1.71263	1.71263	3.43842	7.02422	1.81588	1
cg20978010	LOC338799;SETD1B	0.0431551	0.0151375	3.90349	3.90349	?	?	?	0.0494877	2.74672	2.74672	0.0898826	0.432559	-2.31182	0.759933	1.14497	1.14497	0.524255	1.33043	1.33043	0.0758571	0.411878	-2.4279	0.449813	0.711073	-1.40633	?	?	?	4.02482	9.46106	2.35068	1
cg23781997	LOC339240	0.00682968	0.670322	1.04357	1.04357	0.0667389	1.22715	1.22715	0.211388	0.877119	-1.1401	0.0118776	0.731458	-1.36713	0.00165893	0.6388	-1.56544	0.385377	1.09266	1.09266	0.0291128	1.29185	1.29185	0.044472	0.794682	-1.25836	0.0520434	0.802445	-1.24619	6.66608	1.04692	0.139602	1
cg11276044	LOC339240	0.0195547	0.0132935	0.458174	-2.18258	0.00361021	0.367018	-2.72466	0.120076	0.651131	-1.53579	0.0581573	0.579968	-1.72423	0.0164829	0.474502	-2.10747	0.19611	0.706242	-1.41595	0.00768388	0.418299	-2.39063	0.0376602	0.541475	-1.84681	0.0313677	0.526015	-1.90109	4.74066	4.86032	0.911327	1
cg24358567	LOC339240	0.0341436	0.860632	1.03694	1.03694	0.0840694	0.674017	-1.48364	0.0533337	0.635704	-1.57306	0.0804482	1.49211	1.49211	0.002352	0.416457	-2.40121	0.969209	1.008	1.008	0.190325	0.751077	-1.33142	0.566986	0.887423	-1.12686	0.561895	1.12867	1.12867	3.9019	2.63236	0.599676	1
cg00106767	LOC339290	0.0153683	0.0284053	2.48159	2.48159	0.249625	0.65525	-1.52613	0.271753	0.669006	-1.49475	0.0807902	0.506452	-1.97452	0.00079937	0.168854	-5.92228	0.978139	0.990419	-1.00967	0.545975	1.23948	1.23948	0.440496	1.31835	1.31835	0.203383	0.62393	-1.60274	5.13927	10.0476	1.73783	1
cg06700856	LOC339290;C18orf18	0.0085318	0.120052	1.74513	1.74513	0.734264	1.11907	1.11907	0.563149	1.21289	1.21289	0.926177	0.969864	-1.03107	0.349359	0.727539	-1.3745	0.305647	1.41939	1.41939	0.000648697	0.177812	-5.62391	0.0190328	2.55306	2.55306	0.0260056	2.39263	2.39263	6.21668	10.734	1.5348	1
cg21311023	LOC339290;C18orf18	0.020821	0.363492	1.11286	1.11286	0.0110295	0.694144	-1.44062	0.464204	0.918235	-1.08905	0.283621	0.880247	-1.13604	0.148232	1.19433	1.19433	0.254903	0.872745	-1.14581	0.00581478	0.661267	-1.51225	0.690131	0.955151	-1.04696	0.0265225	1.35138	1.35138	4.64057	0.96361	0.184577	1
cg04246763	LOC339524	0.0270719	0.0769927	5.01875	5.01875	0.00581827	19.3533	19.3533	0.0286053	8.31934	8.31934	0.217429	2.8994	2.8994	0.0461207	6.51869	6.51869	0.0821419	4.8548	4.8548	0.00633836	18.4591	18.4591	0.0124518	12.8218	12.8218	0.169251	3.32466	3.32466	4.23771	45.1674	9.47418	1
cg16683160	LOC339524	0.0358128	0.0541812	5.17988	5.17988	0.011489	10.804	10.804	0.0236291	7.64455	7.64455	0.258711	2.4278	2.4278	0.0377894	6.13021	6.13021	0.060036	4.93717	4.93717	0.00843405	12.5788	12.5788	0.0291819	6.92034	6.92034	0.112768	3.66692	3.66692	3.83509	34.4117	7.97587	1
cg03981685	LOC339524	0.0365039	0.0186755	0.195412	-5.11739	0.140337	0.403126	-2.48061	0.0284591	0.227436	-4.39684	0.137589	0.400193	-2.49879	0.00807666	0.143281	-6.97931	0.120962	0.381714	-2.61976	0.0156776	0.183348	-5.45412	0.0168919	0.188408	-5.30763	0.213277	0.47207	-2.11833	3.80854	19.7847	4.61762	1
cg01445399	LOC339524;LOC339524;LOC339524;LOC339524;LOC339524	0.000220069	0.037609	0.677014	-1.47707	0.0260837	0.652473	-1.53263	0.00223223	0.500318	-1.99873	0.137815	1.29489	1.29489	3.20E-05	0.270131	-3.70191	0.00082024	0.442457	-2.26011	0.000840602	0.443851	-2.25301	0.00138051	0.472301	-2.11729	0.000175601	0.357325	-2.79857	17.9005	7.41458	0.368188	1
cg08732750	LOC339524;LOC339524;LOC339524;LOC339524;LOC339524	0.00181319	0.881764	1.0559	1.0559	0.200454	1.63918	1.63918	0.231336	0.63204	-1.58218	0.951726	0.978118	-1.02237	6.87E-05	0.0699712	-14.2916	0.266739	1.52632	1.52632	0.00413198	4.07706	4.07706	0.113546	1.87621	1.87621	0.921192	0.964483	-1.03682	9.92075	20.9835	1.8801	1
cg26791242	LOC339524;LOC339524;LOC339524;LOC339524;LOC339524	0.00355697	0.000984067	0.549566	-1.81962	0.925202	1.01154	1.01154	0.0187168	0.705968	-1.41649	0.0235914	0.718678	-1.39144	0.342271	0.887301	-1.12701	0.00304802	0.608978	-1.6421	0.0132588	1.4551	1.4551	0.234765	1.16438	1.16438	0.097665	0.800862	-1.24865	8.13439	1.9238	0.210224	1
cg11582018	LOC339524;LOC339524;LOC339524;LOC339524;LOC339524	0.00664291	0.419946	1.58737	1.58737	0.0092694	6.36971	6.36971	0.282559	1.87042	1.87042	0.978378	1.01531	1.01531	0.000530588	0.0485329	-20.6046	0.0839397	2.92243	2.92243	0.0487518	3.53303	3.53303	0.161153	2.31456	2.31456	0.948509	1.03688	1.03688	6.72381	33.487	4.42699	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	SS(Test)	SS(Error)
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27628552	LOC388796;LOC388796	0.0106208	0.00360505	0.37157	-2.69128	0.510586	1.18254	1.18254	0.00192937	0.332004	-3.01201	0.650792	0.891823	-1.1213	0.522832	1.17669	1.17669
cg11609780	LOC388796;LOC388796;SNORA71C	0.0044458	0.0208336	0.225217	-4.44015	0.0300261	0.254669	-3.92667	0.0155043	0.203685	-4.90954	0.121937	0.407197	-2.45582	0.00769991	0.159603	-6.26555
cg19077271	LOC388796;LOC388796;SNORA71D	0.0046803	0.0502306	0.520913	-1.91971	0.974248	0.990613	-1.00948	0.713556	0.897881	-1.11373	0.00142763	0.259812	-3.84893	0.360366	0.759773	-1.31618
cg19537490	LOC388796;SNORA71A;LOC388796	0.000400992	0.000229904	0.184994	-5.40558	0.534652	1.18941	1.18941	0.0123388	0.423399	-2.36184	0.000509182	0.223651	-4.47125	0.00923568	0.401947	-2.48789
cg08271622	LOC388796;SNORA71B;LOC388796	0.000662395	0.00026403	0.072091	-13.8714	0.00979013	0.238585	-4.19139	0.00339043	0.174142	-5.74244	0.201016	0.552923	-1.80857	0.00146129	0.133135	-7.51115
cg13610455	LOC388796;SNORA71B;LOC388796	0.0432607	0.0320323	0.268333	-3.72671	0.560394	0.734661	-1.36117	0.282674	0.557305	-1.79435	0.0354254	0.277294	-3.60629	0.0682645	0.343291	-2.91298
cg24310959	LOC388796;SNORA71B;LOC388796	0.0459956	0.0214894	0.285789	-3.49909	0.666894	0.821715	-1.21697	0.292242	0.60925	-1.64136	0.0824338	0.417962	-2.39256	0.0422001	0.346006	-2.89012
cg11363483	LOC388796;SNORA71C;LOC388796	3.19E-05	1.22E-06	0.0924909	-10.8119	0.251442	1.25589	1.25589	0.00177053	0.428863	-2.33174	0.000150281	0.29004	-3.4478	0.908163	0.978295	-1.02219
cg01153946	LOC388796;SNORA71D;LOC388796	0.000163368	6.78E-05	0.0412428	-24.2467	0.0442682	0.364077	-2.74667	0.0570699	0.390076	-2.56361	0.0209237	0.296677	-3.37067	0.000172582	0.0614443	-16.2749
cg24832710	LOC388796;SNORA71D;LOC388796	0.047404	0.041375	0.831564	-1.20255	0.158399	1.12548	1.12548	0.0253266	1.23176	1.23176	0.0330348	0.822484	-1.21583	0.648547	0.964663	-1.03663
cg01657005	LOC388946	0.00655113	0.0803403	0.727597	-1.37439	0.0100502	0.587071	-1.70337	0.00103608	0.450904	-2.21777	0.00350476	0.522443	-1.91408	0.238618	1.22426	1.22426
cg00861295	LOC388946	0.0162092	0.423566	0.814601	-1.22759	0.00182119	0.328989	-3.03961	0.012964	0.461312	-2.16773	0.0246341	0.510996	-1.95696	0.0760973	0.60946	-1.6408
cg17673769	LOC388946	0.0487207	0.681709	1.07194	1.07194	0.104575	1.3483	1.3483	0.116918	0.75057	-1.33232	0.419404	1.1491	1.1491	0.135104	1.31172	1.31172
cg09826193	LOC388946	0.0494393	0.84407	0.96812	-1.03293	0.0621748	1.41262	1.41262	0.135751	0.767582	-1.30279	0.105646	0.74765	-1.33752	0.913269	0.982235	-1.01809
cg20705236	LOC388946;LOC388946	0.00055992	0.564461	0.946587	-1.05643	0.00366098	0.69052	-1.44818	0.00135867	0.645179	-1.54996	0.00194	1.51161	1.51161	0.632868	0.955663	-1.04639
cg00161450	LOC388955	0.000723605	0.909478	0.988572	-1.01156	0.017781	0.747343	-1.33807	0.114941	0.840947	-1.18913	0.188635	0.868699	-1.15115	0.326758	1.10773	1.10773
cg10828910	LOC388955	0.00223695	0.266241	1.12513	1.12513	0.00131089	0.62122	-1.60974	0.0109349	0.722486	-1.38411	0.176376	0.863915	-1.15752	0.063642	0.808793	-1.23641
cg00183606	LOC388965	0.00196419	0.374683	0.752301	-1.32926	0.283146	0.705863	-1.41671	0.00397629	0.298325	-3.35205	0.161245	0.626658	-1.59577	0.00610846	0.326961	-3.05847
cg05068981	LOC388965	0.0103912	0.433907	0.889744	-1.12392	0.0573454	1.36963	1.36963	0.0133375	0.638585	-1.56596	0.300515	1.16995	1.16995	0.016118	1.53843	1.53843
cg20043679	LOC388965	0.0219824	0.341608	0.743809	-1.34443	0.0852046	0.562823	-1.77676	0.00260598	0.28376	-3.5241	0.0121248	0.388882	-2.57147	0.0118759	0.387309	-2.58191
cg16851758	LOC388965	0.0410156	0.425429	1.27151	1.27151	0.293856	0.725182	-1.37896	0.0526823	0.522026	-1.91561	0.257396	0.70552	-1.41739	0.951432	1.01814	1.01814
cg18098567	LOC389033	0.0036852	0.725756	0.918845	-1.08832	0.312631	0.778012	-1.28533	0.0923631	0.640706	-1.56078	0.487253	1.18486	1.18486	0.000115508	0.196971	-5.07689
cg20035105	LOC389033	0.00397638	0.000848372	0.353835	-2.82618	0.00915474	0.50376	-1.98507	0.0690055	0.656062	-1.52425	0.144635	0.722841	-1.38343	0.112272	0.698953	-1.43071
cg01164972	LOC389033	0.00624543	0.003551	0.477511	-2.09419	0.000966849	0.398909	-2.50684	0.0272782	0.61343	-1.63018	0.0493531	0.657283	-1.52141	0.00206552	0.444114	-2.25168
cg10011199	LOC389033	0.00717801	0.587101	1.14622	1.14622	0.956908	0.986642	-1.01354	0.0659747	1.67095	1.67095	0.159785	1.45333	1.45333	0.167994	1.44152	1.44152
cg05091817	LOC389033	0.00897606	0.0265231	0.544596	-1.83622	0.00121786	0.334892	-2.98604	0.0848996	0.643855	-1.55315	0.924008	0.978194	-1.02229	0.0506537	0.597723	-1.67302
cg08886046	LOC389033	0.0178244	0.0155866	0.309408	-3.23198	0.0260454	0.351784	-2.84265	0.0209249	0.333147	-3.00167	0.804849	1.10288	1.10288	0.133173	0.526862	-1.89803
cg24826339	LOC389033	0.0203238	0.0187372	0.341682	-2.92669	0.00247528	0.204722	-4.88467	0.16303	0.570457	-1.75298	0.24164	0.630003	-1.58729	0.0299009	0.381697	-2.61988
cg17578196	LOC389033	0.0208038	0.0994847	0.568047	-1.76042	0.128689	0.59791	-1.67249	0.62466	0.856888	-1.16701	0.655289	0.868714	-1.15113	0.126263	0.595632	-1.67889
cg04778433	LOC389033	0.0322069	0.0948521	0.593985	-1.68354	0.90869	0.967967	-1.03309	0.0193529	2.2312	2.2312	0.451177	0.804251	-1.24339	0.0446276	0.519822	-1.92373
cg18940258	LOC389033	0.0423987	0.597936	0.736203	-1.35832	0.0837626	0.332454	-3.00794	0.371951	0.590077	-1.69469	0.0506479	0.277602	-3.60228	0.030964	0.232784	-4.29582
cg06680397	LOC389332	0.00211617	0.00405513	3.93478	3.93478	0.849287	0.934694	-1.06987	0.000437961	7.18707	7.18707	0.000436022	7.19663	7.19663	0.606773	0.831682	-1.20238
cg00054702	LOC389332	0.0061735	0.475165	0.920152	-1.08678	0.616459	1.05958	1.05958	0.00246653	1.62	1.62	0.0420364	1.30796	1.30796	0.518984	1.0778	1.0778
cg09469111	LOC389333	0.00669039	0.752068	0.921327	-1.08539	0.0107126	0.436386	-2.29155	0.815517	0.941364	-1.06229	0.179885	1.4452	1.4452	0.000739869	0.265833	-3.76176
cg01054755	LOC389333	0.0143653	0.0293226	18.7886	18.7886	0.0140865	31.905	31.905	0.0911569	8.3819	8.3819	0.115494	7.06516	7.06516	0.0177955	26.9061	26.9061
cg08719608	LOC389333	0.020149	0.050872	2.76536	2.76536	0.00995037	4.43123	4.43123	0.0402409	2.95573	2.95573	0.12402	2.14191	2.14191	0.0583673	2.65948	2.65948
cg09156097	LOC389333	0.0309298	0.0229096	10.2063	10.2063	0.0127852	14.0091	14.0091	0.0639578	5.91249	5.91249	0.10422	4.55406	4.55406	0.0162504	12.2869	12.2869
cg24761867	LOC389333	0.0372496	0.0444088	27.819	27.819	0.0282786	41.701	41.701	0.12	11.3558	11.3558	0.110332	12.2643	12.2643	0.0266141	44.0447	44.0447
cg01277890	LOC389333	0.0439551	0.618288	0.822629	-1.21561	0.00649644	3.95493	3.95493	0.753286	1.13038	1.13038	0.367566	0.697849	-1.43297	0.0386373	0.394172	-2.53696
cg05449136	LOC389333	0.0488124	0.0351611	12.9653	12.9653	0.0148755	22.8265	22.8265	0.0354045	12.9073	12.9073	0.303306	3.04448	3.04448	0.0273608	15.2672	15.2672
cg06010020	LOC389458	5.54E-05	0.423499	0.918696	-1.0885	6.48E-06	0.352604	-2.83604	0.000182047	0.518579	-1.92835	0.223267	1.14196	1.14196	0.000314038	0.545574	-1.83293
cg03454541	LOC389458	0.00106181	0.00188409	0.371502	-2.69177	0.0208428	0.535243	-1.86831	0.127594	0.690569	-1.44808	0.996164	0.99892	-1.00108	0.002169	0.380215	-2.63009
cg21303428	LOC389458	0.00114209	0.0394449	0.636514	-1.57106	0.352182	0.833978	-1.19907	0.0168542	0.575268	-1.73832	0.00499044	0.494291	-2.0231	0.000205601	0.307524	-3.25178
cg24626554	LOC389458	0.00128429	0.335014	0.675722	-1.4799	0.00143779	0.162571	-6.15117	0.0622772	0.437183	-2.28737	0.177459	0.568314	-1.75959	4.64E-05	0.0482431	-20.7283
cg08482215	LOC389458	0.0014134	0.00831206	0.382693	-2.61306	0.000448605	0.20679	-4.83582	0.177024	0.664614	-1.50463	0.434632	0.796942	-1.2548	0.000385455	0.199352	-5.01626
cg09263325	LOC389458	0.00282493	0.0190628	0.520976	-1.91948	0.00686236	0.447346	-2.2354	0.385582	0.815141	-1.22678	0.0141474	0.498723	-2.00512	0.00204215	0.368295	-2.71521
cg04217778	LOC389458	0.00350292	0.0615935	0.45579	-2.194	0.00113225	0.167381	-5.97441	0.064642	0.46093	-2.16953	0.646628	1.18799	1.18799	0.00190766	0.193811	-5.15967
cg01870826	LOC389458	0.0103129	0.0943737	0.496072	-2.01584	0.00139394	0.171088	-5.84496	0.00155684	0.176602	-5.66246	0.297808	0.662677	-1.50903	0.0474893	0.421353	-2.37331
cg21833184	LOC389458	0.020717	0.643183	0.797206	-1.25438	0.401457	0.658883	-1.51772	0.180628	1.99502	1.99502	0.281034	0.580223	-1.72347	0.0386881	0.312467	-3.20034
cg01830900	LOC389458	0.0304836	0.820512	0.910291	-1.09855	0.0320137	0.353787	-2.82656	0.297023	0.639434	-1.56388	0.0191691	0.309681	-3.22913	0.00959385	0.257613	-3.88179
cg18848287	LOC389458	0.0309771	0.00163189	0.0583821	-17.1285	0.0116174	0.137266	-7.28511	0.627782	0.735239	-1.3601	0.298523	0.507465	-1.97058	0.0420915	0.22895	-4.36777
cg13696287	LOC389493	7.22E-05	7.04E-05	0.426423	-2.34509	0.0922279	0.804301	-1.24332	0.00331318	0.624992	-1.60002	0.752479	0.963505	-1.03788	0.947272	0.992258	-1.0078
cg23433503	LOC389493	0.00139762	9.54E-05	0.114034	-8.7693	0.287085	0.707891	-1.41265	0.635282	0.861286	-1.16105	0.384164	0.756634	-1.32164	0.0208963	0.419481	-2.3839
cg14289228	LOC389493	0.0196249	0.00612016	6.1253	6.1253	0.686279	1.2284	1.2284	0.0198303	4.15766	4.15766	0.423366	1.51324	1.51324	0.387218	0.638261	-1.56676
cg25234732	LOC389493	0.0238781	0.00519756	10.8692	10.8692	0.751256	1.22841	1.22841	0.917694	0.935318	-1.06916	0.774696	1.20401	1.20401	0.625046	0.727146	-1.37524
cg19752855	LOC389493	0.0245675	0.049326	3.29975	3.29975	0.847446	0.902588	-1.10792	0.0213521	4.35762	4.35762	0.275659	1.82845	1.82845	0.218456	0.502171	-1.99135
cg06490943	LOC389493	0.0448479	0.0904704	2.33651	2.33651	0.00522099	5.34703	5.34703	0.212369	1.81772	1.81772	0.142835	2.04727	2.04727	0.295337	1.63841	1.63841
cg16316519	LOC389634	0.0192443	0.003885	0.64796	-1.5433	0.149529	0.841606	-1.1882	0.0498982	0.779143	-1.28346	0.064155	0.79284	-1.26129	0.517189	0.92934	-1.07603
cg13974505	LOC389705	0.00278335	0.802922	0.966226	-1.03495	0.0070909	0.620025	-1.61284	0.724172	1.04989	1.04989	0.000327288	0.450414	-2.22018	0.0726599	0.759457	-1.31673
cg19338056	LOC389705	0.00667982	0.216417	0.365384	-2.73685	0.0974723	0.244749	-4.08582	0.00985257	0.0800817	-12.4872	0.282117	0.420998	-2.37531	0.00886421	0.0758993	-13.1754
cg14052511	LOC389705	0.0211594	0.0101645	0.330272	-3.02781	0.00754948	0.3089	-3.2373	0.60489	0.836626	-1.19528	0.365998	0.728024	-1.37358	0.219673	0.643325	-1.55442
cg22863798	LOC389791;PTGES2;PTGES2;PTGES2	0.0194195	0.247444	1.15914	1.15914	0.549507	1.07676	1.07676	0.498969	0.919598	-1.08743	0.0235098	0.718638	-1.39152	0.00523034	0.637699	-1.56814
cg10218959	LOC389791;PTGES2;PTGES2;PTGES2;PTGES2	0.0221383	0.832391	0.972289	-1.0285	0.0488474	1.34755	1.34755	0.00225039	1.76303	1.76303	0.847506	0.974795	-1.02586	0.672438	0.94517	-1.05801
cg06674527	LOC390594	0.00323932	0.0130371	3.62001	3.62001	0.000285433	11.8758	11.8758	0.840094	1.08804	1.08804	0.0575879	2.45185	2.45185	0.0145007	3.51816	3.51816
cg06961473	LOC390594	0.00396937	0.00524147	3.65091	3.65091	0.00837183	3.26962	3.26962	0.0860241	1.94859	1.94859	0.00398942	3.8998	3.8998	0.00411202	3.87113	3.87113
cg08623941	LOC390594	0.0206457	0.153652	0.836833	-1.19498	0.0042839	0.640489	-1.56131	0.0415574	0.76032	-1.31524	0.842653	0.977092	-1.02345	0.00935457	0.680917	-1.46861
cg01569660	LOC390594	0.0393313	0.12304	1.72812	1.72812	0.0212929	2.47499	2.47499	0.999737	0.999892	-1.00011	0.11322	1.75836	1.75836	0.0338172	2.25101	2.25101
cg03489965	LOC390594	0.0462745	0.706998	0.901835	-1.10885	0.0345196	1.96317	1.96317	0.0929307	0.603024	-1.65831	0.0667547	0.569833	-1.7549	0.0127327	0.428709	-2.33258
cg24778896	LOC390595	1.92E-06	1.07E-05	3.56583	3.56583	0.00181001	1.82195	1.82195	0.0244562	1.43697	1.43697	8.97E-06	3.67342	3.67342	0.0731009	0.763131	-1.31039
cg26590064	LOC390595	2.16E-05	0.326051	1.13286	1.13286	1.51E-05	0.331641	-3.01531	0.00358702	0.615577	-1.62449	9.83E-05	2.34197	2.34197	0.00929025	1.50081	1.50081
cg13985132	LOC390595	0.00104425	0.00117199	8.01865	8.01865	0.00890787	4.28202	4.28202	0.0409441	2.80395	2.80395	0.00656771	4.67774	4.67774	0.36814	0.667647	-1.4978
cg08305552	LOC390595	0.00106339	0.451632	1.10952	1.10952	0.00173513	0.545855	-1.83199	0.0204803	0.684935	-1.45999	0.298619	1.1572	1.1572	7.26E-05	0.375788	-2.66107
cg07466582	LOC390595	0.0230845	0.182645	0.738899	-1.35337	0.420922	0.838684	-1.19234	0.455974	0.850056	-1.17639	0.519207	1.15005	1.15005	0.000570364	0.319301	-3.13184
cg06211385	LOC390595	0.0436472	0.154282	0.750882	-1.33177	0.272238	0.806774	-1.2395	0.00854333	0.53237	-1.87839	0.824157	0.95905	-1.0427	0.419814	0.856534	-1.1675
cg23131131	LOC391322	0.00901207	0.00707575	0.700046	-1.42848	0.0271173	1.30739	1.30739	0.413307	1.08948	1.08948	0.0334705	0.775249	-1.28991	0.905209	1.01228	1.01228
cg03403963	LOC392196;FAM66D	0.0456418	0.754741	0.945192	-1.05799	0.0524352	0.672525	-1.48693	0.0752754	0.700301	-1.42796	0.641177	0.919039	-1.08809	0.807274	0.956991	-1.04494
cg09811926	LOC399744	0.000115874	0.193508	1.15029	1.15029	0.000192123	0.527744	-1.89486	4.99E-06	0.346848	-2.88311	0.0664426	1.23302	1.23302	0.421185	0.919778	-1.08722
cg25517755	LOC399744	0.00277851	0.141471	0.795232	-1.2575	0.00314217	0.557088	-1.79505	0.00325145	0.55904	-1.78878	0.0768975	0.75196	-1.32986	0.00184971	0.527042	-1.89738
cg16006296	LOC399744	0.00310414	0.0971854	0.688131	-1.45321	0.845893	0.960833	-1.04076	6.23E-05	0.219822	-4.54913	0.160635	0.735119	-1.36032	0.00718194	0.490369	-2.03928
cg05865822	LOC399744	0.0116516	0.114885	0.784814	-1.27419	0.0854634	0.764378	-1.30825	0.00703819	0.611161	-1.63623	0.457321	1.11291	1.11291	0.649166	1.06687	1.06687
cg19634157	LOC399815;FAM24B	0.00197774	0.000116058	8.92298	8.92298	0.324498	0.719188	-1.39046	0.963209	1.01506	1.01506	0.00607416	3.19209	3.19209	0.0724077	0.522313	-1.91456
cg11216554	LOC399815;FAM24B	0.0037141	0.0196316	3.562	3.562	0.651657	1.22727	1.22727	0.316156	1.59519	1.59519	0.199613	1.84161	1.84161	0.026676	0.306236	-3.26546
cg12346673	LOC399815;FAM24B	0.00469377	0.00528732	1.57975	1.57975	0.0226537	0.712204	-1.40409	0.0069144	0.647405	-1.54463	0.542808	1.07963	1.07963	0.858178	1.0225	1.0225
cg11218091	LOC399815;FAM24B	0.00539476	0.0455328	4.33368	4.33368	0.361251	1.8224	1.8224	0.429785	1.67429	1.67429	0.157884	2.62624	2.62624	0.0150659	0.148027	-6.75554
cg10241347	LOC399815;FAM24B	0.0145969	0.00795333	2.38432	2.38432	0.115001	0.64556	-1.54904	0.12669	1.52481	1.52481	0.529304	1.17673	1.17673	0.237435	1.3717	1.3717
cg09019052	LOC399815;FAM24B	0.0280725	0.00100641	4.50127	4.50127	0.110036	0.584604	-1.71056	0.528239	0.821247	-1.21766	0.0485818	2.00238	2.00238	0.876761	1.04899	1.04899
cg14708218	LOC399815;FAM24B	0.0329492	0.0241761	14.155	14.155	0.420131	2.25258	2.25258	0.235384	3.40791	3.40791	0.184572	4.00478	4.00478	0.0353471	0.0892737	-11.2015
cg15252215	LOC399815;FAM24B;FAM24B	0.000894122	0.000364264	6.48726	6.48726	0.0311479	0.43696	-2.28854	0.450362	0.777439	-1.28627	0.23834	1.4982	1.4982	0.00363852	0.275897	-3.62454
cg12474023	LOC399815;FAM24B;FAM24B	0.000917284	3.07E-05	9.62285	9.62285	0.0146453	0.433557	-2.3065	0.134142	0.638149	-1.56703	0.0254202	2.09313	2.09313	0.376885	0.777137	-1.28677
cg18195080	LOC399815;FAM24B;FAM24B	0.0143355	0.0461871	10.7902	10.7902	0.357095	2.63653	2.63653	0.166794	4.55982	4.55982	0.550021	1.85426	1.85426	0.0104385	0.033028	-30.2773
cg17595735	LOC399959	0.000206617	0.106225	0.588891	-1.69811	0.0285103	0.46035	-2.17226	0.524338	0.82394	-1.21368	0.0111968	0.385179	-2.59619	5.80E-05	0.106764	-9.36644
cg16949103	LOC399959	0.000672897	0.000487857	0.169514	-5.89921	0.0225656	0.411895	-2.4278	0.00151441	0.226795	-4.40927	0.000336549	0.152995	-6.53614	0.000652799	0.183237	-5.45742
cg14724899	LOC399959	0.00650609	0.570425	0.903284	-1.10707	0.00440434	0.509498	-1.96272	0.00363303	0.497568	-2.00978	0.196595	1.27403	1.27403	0.201307	0.787122	-1.27045
cg26363555	LOC399959	0.00746767	0.0206793	0.497405	-2.01043	0.867216	0.958926	-1.04283	0.051171	0.573157	-1.74472	0.0107745	2.2321	2.2321	0.0401404	0.551901	-1.81192
cg20721628	LOC399959	0.0119924	0.819229	0.942084	-1.06148	0.00103887	0.28203	-3.54572	0.048429	0.555614	-1.79981	0.424641	0.808556	-1.23677	0.00159865	0.307233	-3.25486
cg05005343	LOC399959	0.0122646	0.543363	1.25403	1.25403	0.000407874	0.126619	-7.89769	0.115926	0.533242	-1.87532	0.0587418	2.19382	2.19382	0.57608	0.812316	-1.23105
cg18362003	LOC399959	0.0189924	0.00251282	0.259316	-3.8563	0.0265229	0.42921	-2.32986	0.0368726	0.458544	-2.18081	0.159689	0.61678	-1.62132	0.214654	0.656957	-1.52217
cg05678526	LOC399959	0.0195238	0.0867291	0.482159	-2.074	0.311209	0.667655	-1.49778	0.0153637	0.31757	-3.14891	0.829569	0.920243	-1.08667	0.037651	0.394659	-2.53383
cg16189093	LOC399959;BLID	0.00121516	0.0189963	1.35221	1.35221	0.0178738	0.736502	-1.35777	0.0343133	1.29996	1.29996	0.000669634	1.73846	1.73846	0.0120474	1.3947	1.3947
cg22813542	LOC399959;BLID	0.00547849	0.132731	0.59526	-1.67994	0.207184	0.653525	-1.53016	0.0234767	0.420857	-2.3761	0.621246	0.852768	-1.17265	0.00265167	0.264566	-3.77978
cg17196933	LOC399959;BLID	0.0126001	0.123048	0.581703	-1.71909	0.948869	0.979418	-1.02101	0.17621	0.62731	-1.59411	0.984153	0.99358	-1.00646	0.00279926	0.262939	-3.80316
cg13125488	LOC399959;BLID	0.0171403	0.234813	0.685197	-1.45943	0.145921	1.6063	1.6063	0.814599	0.931169	-1.07392	0.0991086	1.73132	1.73132	0.00375363	0.304905	-3.27971
cg15598802	LOC399959;BLID	0.0298387	0.340937	1.46841	1.46841	0.285418	0.647688	-1.54395	0.60152	1.22908	1.22908	0.0315421	2.68349	2.68349	0.00358758	0.213528	-4.68322
cg26916936	LOC399959;MIR125B1	0.000340274	0.563982	0.85947	-1.16351	0.273108	1.34466	1.34466	0.0129344	2.22793	2.22793	0.229627	1.3872	1.3872	0.86566	0.95699	-1.04494
cg16865908	LOC399959;MIR125B1	0.00332202	0.121811	1.45322	1.45322	0.00072761	0.318211	-3.14257	0.0225845	0.544122	-1.83782	0.00224278	2.59499	2.59499	0.908883	0.974807	-1.02584
cg02101355	LOC399959;MIR125B1	0.00705356	0.53967	1.17454	1.17454	0.000994782	0.281672	-3.55022	0.347857	1.28456	1.28456	0.0259937	1.98302	1.98302	0.604743	0.87347	-1.14486
cg24213115	LOC399959;MIR125B1	0.0268384	0.155715	1.56467	1.56467	0.00786993	0.366069	-2.73173	0.788935	0.923968	-1.08229	0.0250563	2.1937	2.1937	0.129713	0.617267	-1.62004
cg18590130	LOC399959;MIRLET7A2	0.0107731	0.0317704	1.72737	1.72737	0.00200985	0.388075	-2.57682	0.14849	0.714224	-1.40012	0.898013	1.02824	1.02824	0.161987	1.38301	1.38301
cg22732432	LOC400027	9.72E-05	5.81E-05	0.293098	-3.41183	0.288707	1.19888	1.19888	0.000414024	2.51628	2.51628	0.000108009	0.324951	-3.07739	0.000376822	0.392194	-2.54976
cg17576719	LOC400027	0.000114802	0.0123222	1.33341	1.33341	0.000189819	0.559407	-1.78761	0.000725292	0.622144	-1.60734	0.007665	1.3722	1.3722	0.00140989	1.53231	1.53231
cg00509053	LOC400027	0.000746573	7.93E-05	0.332809	-3.00472	0.106305	0.761803	-1.31267	0.242697	1.20756	1.20756	0.0699157	0.731524	-1.36701	0.169025	0.797685	-1.25363
cg14654629	LOC400027	0.0015966	0.581398	0.861295	-1.16104	0.000521748	0.234466	-4.26501	0.179033	1.46633	1.46633	0.0654441	1.741	1.741	0.165652	0.672696	-1.48656
cg21315021	LOC400027	0.00484053	0.00428387	0.766456	-1.30471	0.0358138	0.843643	-1.18534	0.616488	0.965458	-1.03578	0.0366226	1.18419	1.18419	0.0012956	1.38578	1.38578
cg19237809	LOC400027	0.0240169	0.347816	1.15239	1.15239	0.355273	0.869761	-1.14974	0.504941	0.905493	-1.10437	0.00518108	0.581867	-1.71861	0.124539	0.783469	-1.27638
cg08740524	LOC400043	4.49E-05	0.410345	0.899738	-1.11143	0.00653893	0.641872	-1.55794	0.390122	0.895379	-1.11685	0.00603056	0.637505	-1.56861	0.882811	0.981661	-1.01868
cg11306441	LOC400043	0.000298968	0.380615	0.696964	-1.43479	0.264794	0.627159	-1.59449	0.00775362	0.253415	-3.94609	0.305611	1.53087	1.53087	0.00138858	0.155629	-6.42554
cg00659495	LOC400043	0.00107658	0.69871	0.924826	-1.08128	0.60529	1.11043	1.11043	0.903632	1.02464	1.02464	0.128703	1.39085	1.39085	0.89079	0.972774	-1.02799
cg21161136	LOC400043	0.00156742	0.0880121	0.806211	-1.24037	0.0619574	0.786247	-1.27186	0.0873674	0.805786	-1.24102	0.899673	0.985672	-1.01454	0.838892	0.976977	-1.02357
cg16396919	LOC400043	0.0232068	0.0239228	0.19799	-5.05076	0.00572473	0.113337	-8.82325	0.0671167	0.291302	-3.43286	0.430247	0.616364	-1.62242	0.149077	0.394566	-2.53443
cg25701444	LOC400043	0.0255394	0.0265729	0.191855	-5.21226	0.0245576	0.185989	-5.37667	0.0594678	0.262853	-3.80441	0.127829	0.355571	-2.81238	0.429566	0.602621	-1.65942
cg04154986	LOC400578	2.69E-06	3.26E-05	0.36084	-2.77131	0.000389872	0.489708	-2.04203	3.54E-06	0.252906	-3.95404	6.32E-05	0.394679	-2.53371	3.01E-07	0.150299	-6.6534
cg14434408	LOC400657	0.000335218	?	?	?	0.144961	0.662853	-1.50863	0.000134962	0.0818628	-12.2156	0.0023122	0.256905	-3.89249	?	?	?
cg27329548	LOC400657	0.0025675	0.0245048	0.469901	-2.12811	0.744365	0.9119	-1.09661	0.00172759	0.283645	-3.52553	0.427478	0.795839	-1.25653	0.00327565	0.323142	-3.09461
cg13203249	LOC400657	0.00518132	0.518567	0.754558	-1.32528	0.0209076	3.85326	3.85326	0.23268	1.73468	1.73468	?	?	?	0.00138215	0.0745563	-13.4127
cg02990742	LOC400657	0.00860348	0.58345	0.932812	-1.07203	0.127553	0.813067	-1.22991	0.000664417	0.51971	-1.92415	0.00063775	0.517544	-1.9322	0.185533	0.838352	-1.19282
cg12111933	LOC400657	0.0261094	0.0356644	0.863657	-1.15787	0.0562982	0.878467	-1.13835	0.323151	0.940654	-1.06309	0.930416	1.00525	1.00525	0.407488	1.05211	1.05211
cg09980085	LOC400696	0.00714898	0.000520161	0.0818521	-12.2172	0.00353389	0.160589	-6.22707	0.0699719	0.391784	-2.55243	0.0524651	0.360646	-2.7728	0.0195174	0.271038	-3.68952
cg04329478	LOC400696	0.00924859	0.00517946	0.41187	-2.42795	0.00106802	0.312819	-3.19674	0.0130237	0.476874	-2.09699	0.0685799	0.612629	-1.63231	0.0131053	0.477336	-2.09496
cg10190416	LOC400696	0.014537	0.0240715	0.144963	-6.89833	0.00636941	0.0781869	-12.7899	0.0301363	0.160364	-6.2358	0.0135069	0.111407	-8.9761	0.00855039	0.0899883	-11.1126
cg02727591	LOC400696	0.0163958	0.0019956	0.125049	-7.99689	0.555359	0.752624	-1.32868	0.944728	0.967508	-1.03358	0.212104	1.87046	1.87046	0.483622	0.712371	-1.40376
cg12085812	LOC400752	0.00206146	0.116449	0.53467	-1.87031	0.0417651	2.36639	2.36639	0.838471	1.07779	1.07779	0.0972327	1.95037	1.95037	0.00383317	0.239159	-4.18132
cg09409484	LOC400752	0.00399912	0.00535341	0.335558	-2.98011	0.0606261	0.53274	-1.87709	0.0888341	0.571938	-1.74844	0.84406	1.06038	1.06038	0.00218481	0.278203	-3.5945
cg11155625	LOC400752	0.0412527	0.0633543	0.871967	-1.14683	0.73615	0.978054	-1.02244	0.0186022	1.20589	1.20589	0.822163	1.01488	1.01488	0.688881	1.02676	1.02676
cg13938909	LOC400759	0.000589382	0.0105616	0.300483	-3.32798	0.00713543	0.271247	-3.68667	0.000175225	0.0814468	-12.278	0.0154204	0.33071	-3.0238	0.000133678	0.0729415	-13.7096
cg13454346	LOC400759	0.0228276	0.385399	0.742602	-1.34662	0.120479	1.75632	1.75632	0.0397886	0.451626	-2.21422	0.0672627	0.503684	-1.98537	0.00505842	0.2895	-3.45424
cg01909446	LOC400794	1.25E-05	1.42E-05	0.539724	-1.8528	0.0194576	0.824808	-1.2124	0.0113399	0.805599	-1.24131	0.102797	1.12942	1.12942	2.36E-06	0.457019	-2.18809
cg01007350	LOC400794	0.0292186	0.342344	1.12393	1.12393	0.00950349	1.48043	1.48043	0.406545	0.903577	-1.10671	0.45109	1.09603	1.09603	0.842501	0.976524	-1.02404
cg03454607	LOC400794;LRRC52	6.78E-05	8.55E-06	0.240673	-4.15501	0.664016	0.937734	-1.0664	0.000466178	0.445085	-2.24676	0.229447	0.830691	-1.20382	7.48E-06	0.234577	-4.263
cg27518240	LOC400804	6.14E-05	0.0152852	0.506845	-1.97299	1.49E-05	0.128747	-7.76715	0.00126761	0.341914	-2.92471	0.0363193	0.573896	-1.74248	6.59E-05	0.18815	-5.31492
cg25302985	LOC400804	0.00114153	0.134415	0.690956	-1.44727	0.000646338	0.301603	-3.31561	0.000277499	0.255981	-3.90655	0.142227	0.696741	-1.43525	0.000280142	0.256472	-3.89907
cg19865770	LOC400804	0.0015718	0.00904424	0.39282	-2.54569	0.00430492	0.341284	-2.93011	0.00312409	0.320427	-3.12084	0.00226816	0.300389	-3.32901	0.000586722	0.224004	-4.4642

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27628552	0.75531	1.08171	1.08171	0.013593	0.464352	-2.15354	0.369229	0.793194	-1.26072	0.014365	0.468505	-2.13445	5.7976	5.79571	0.8886	1
cg11609780	0.0102516	0.176542	-5.66439	0.000253275	0.0394815	-25.3283	0.0167256	0.209031	-4.78398	0.00787403	0.160876	-6.21598	7.60563	34.5958	4.0433	1
cg19077271	0.00067623	0.219077	-4.56461	0.286996	1.38129	1.38129	0.11781	1.64251	1.64251	0.114689	1.65073	1.65073	7.48783	10.1229	1.2017	1
cg19537490	0.000333822	0.202599	-4.93587	0.000173343	0.172281	-5.80447	0.19578	0.685658	-1.45845	0.00132317	0.275721	-3.62685	15.1898	18.3047	1.07117	1
cg08271622	0.00290614	0.166014	-6.02359	0.00436612	0.188122	-5.31569	0.000270166	0.0727383	-13.7479	0.000422622	0.0862187	-11.5984	13.2137	40.2893	2.71028	1
cg13610455	0.672422	0.800328	-1.24949	0.00305306	0.119432	-8.37297	0.5303	0.716816	-1.39506	0.0238181	0.243506	-4.10668	3.5778	15.5419	3.86133	1
cg24310959	0.447513	0.703944	-1.42057	0.00329133	0.162688	-6.14673	0.368484	0.657787	-1.52025	0.0284676	0.3096	-3.22998	3.49671	11.3883	2.89497	1
cg11363483	0.0307716	0.617286	-1.61999	0.000207617	0.307021	-3.2571	0.0018085	0.430146	-2.32479	0.000167829	0.295799	-3.38068	29.982	17.1708	0.509068	1
cg01153946	0.00630737	0.21108	-4.73755	0.000111337	0.0512172	-19.5247	6.59E-05	0.0407305	-24.5516	0.000359859	0.0818795	-12.2131	19.4048	58.7636	2.69182	1
cg24832710	0.214435	1.1079	1.1079	0.683235	0.968347	-1.03269	0.199282	1.11219	1.11219	0.227476	1.10443	1.10443	3.45724	0.336555	0.0865315	1
cg01657005	0.214139	1.23914	1.23914	0.161535	0.782638	-1.27773	0.0922397	0.738002	-1.35501	0.0492259	0.692121	-1.44483	6.75293	2.87429	0.378343	1
cg00861295	0.0434799	0.558498	-1.79052	0.0120943	0.456156	-2.19223	0.337506	0.780307	-1.28155	0.0128539	0.460677	-2.17072	5.04912	5.03327	0.8861	1
cg17673769	0.0165196	1.63777	1.63777	0.00658668	1.81184	1.81184	0.22946	1.23667	1.23667	0.873463	0.973509	-1.02721	3.42162	1.53773	0.399481	1
cg09826193	0.40449	1.15066	1.15066	0.00879788	0.5776	-1.7313	0.032716	0.662918	-1.50848	0.436789	0.877642	-1.13942	3.40268	1.45874	0.381071	1
cg20705236	0.929336	1.00839	1.00839	0.000198248	1.8024	1.8024	0.0257061	1.28358	1.28358	0.0658962	1.21464	1.21464	13.8481	1.94745	0.125004	1
cg00161450	5.85E-05	0.471271	-2.12192	0.000419634	0.568308	-1.75961	0.0249662	1.30943	1.30943	0.0148303	0.738659	-1.3538	12.8905	2.08497	0.143773	1
cg10828910	0.491624	0.931379	-1.07368	0.0099084	1.39319	1.39319	0.00298862	1.51359	1.51359	0.0428124	0.788773	-1.26779	9.33168	1.5308	0.145816	1
cg00183606	0.1735	0.63613	-1.57201	4.59E-05	0.0902685	-11.0781	0.4141	1.29795	1.29795	0.0400763	0.476602	-2.09819	9.69278	14.9784	1.37362	1
cg05068981	0.0618558	1.36023	1.36023	0.0990902	1.30282	1.30282	0.862673	0.974989	-1.02565	0.00641551	0.595247	-1.67997	5.83842	1.97924	0.301336	1
cg20043679	0.729489	1.11055	1.11055	0.710066	0.893336	-1.1194	0.417416	0.778566	-1.28441	0.0180724	0.420078	-2.38051	4.55519	6.58154	1.28431	1
cg16851758	0.77216	1.08946	1.08946	0.00200786	3.62033	3.62033	0.575677	1.18162	1.18162	0.575407	0.846194	-1.18176	3.64922	5.03377	1.22614	1
cg18098567	0.0018956	0.347194	-2.88023	0.781917	1.06897	1.06897	0.71376	1.09258	1.09258	0.860473	1.04319	1.04319	8.04848	7.36251	0.81313	1
cg20035105	0.388081	0.832563	-1.20111	0.00364126	0.442712	-2.2588	0.000464722	0.319658	-3.12834	0.854046	0.962572	-1.03888	7.86652	5.34609	0.604089	1
cg01164972	0.13069	0.736878	-1.35708	0.732732	1.06623	1.06623	0.0224573	0.599585	-1.66782	0.117682	0.727698	-1.3742	6.8537	3.7989	0.492697	1
cg10011199	0.0399761	0.553852	-1.80554	0.00385119	0.379353	-2.63607	0.00212768	0.341484	-2.9284	0.0631782	0.594462	-1.68219	6.56348	6.43911	0.872046	1
cg05091817	0.896311	0.970319	-1.03059	0.00168025	0.35423	-2.82302	0.0112218	0.479895	-2.08379	0.0943226	0.653765	-1.5296	6.11754	5.17388	0.751773	1
cg08886046	0.785109	0.897528	-1.11417	0.00143319	0.161446	-6.19401	0.022696	0.339962	-2.94151	0.265619	0.632002	-1.58227	4.89122	12.1206	2.20269	1
cg24826339	0.12805	0.537831	-1.85932	0.00703537	0.268885	-3.71907	0.0153783	0.325873	-3.06868	0.0926462	0.497786	-2.0089	4.67895	10.5312	2.00068	1
cg17578196	0.055088	0.506	-1.97628	0.00152061	0.239298	-4.1789	0.0079696	0.344599	-2.90192	0.0122021	0.376003	-2.65955	4.64188	7.21253	1.38115	1
cg04778433	0.00844926	0.385105	-2.59669	0.610893	0.864496	-1.15674	0.334641	0.754004	-1.32625	0.164163	1.52385	1.52385	3.98467	5.08176	1.13362	1
cg18940258	0.145717	0.407034	-2.4568	0.00487185	0.116742	-8.56587	0.00853184	0.144945	-6.89916	0.179697	0.440421	-2.27056	3.60467	18.9049	4.66183	1
cg06680397	0.0259846	2.55527	2.55527	0.219765	0.632489	-1.58105	0.595994	1.20919	1.20919	0.0482635	2.22833	2.22833	9.4844	18.931	1.77424	1
cg00054702	0.694794	0.955819	-1.04622	0.000617931	0.54667	-1.82926	0.711078	1.04356	1.04356	0.968824	0.995531	-1.00449	6.87831	1.43051	0.184865	1
cg09469111	0.0301429	0.517243	-1.93333	0.00254968	0.338819	-2.95143	0.100243	0.627765	-1.59295	0.226931	0.720374	-1.38817	6.70895	7.10262	0.941048	1
cg01054755	0.0198597	24.8515	24.8515	0.00247237	122.554	122.554	0.00829023	47.3124	47.3124	0.0193111	25.3597	25.3597	5.25516	108.67	18.381	1
cg08719608	0.0424738	2.91072	2.91072	0.00238986	6.92815	6.92815	0.0130104	4.09253	4.09253	0.0453489	2.85708	2.85708	4.69271	15.542	2.94395	1
cg09156097	0.035422	8.08844	8.08844	0.00961394	16.407	16.407	0.451094	1.92581	1.92581	0.0323653	8.48596	8.48596	4.04269	46.642	10.2554	1
cg24761867	0.0367835	32.9293	32.9293	0.0120179	91.1733	91.1733	0.017881	63.195	63.195	0.0266583	43.9788	43.9788	3.78058	124.248	29.2132	1
cg01277890	0.180075	0.575027	-1.73905	0.0614421	0.440886	-2.26816	0.704017	1.15992	1.15992	0.167692	0.564641	-1.77104	3.55662	8.50982	2.12682	1
cg05449136	0.0606743	9.10043	9.10043	0.0291574	14.6462	14.6462	0.786122	1.32844	1.32844	0.0367491	12.5985	12.5985	3.41919	59.0442	15.3498	1
cg06010020	0.000199717	0.523176	-1.9114	7.30E-05	0.473027	-2.11404	0.230757	0.877732	-1.1393	0.832281	1.02224	1.02224	25.9044	4.41489	0.151493	1
cg03454541	0.120949	0.685284	-1.45925	0.000256947	0.258626	-3.86659	0.000118999	0.220303	-4.5392	0.158615	0.712734	-1.40305	11.5679	9.2526	0.710977	1
cg21303428	0.12148	0.727342	-1.37487	8.21E-05	0.260345	-3.84105	0.00558717	0.501543	-1.99385	0.0458027	0.647818	-1.54364	11.3305	6.45255	0.506209	1
cg24626554	0.0418788	0.396698	-2.52081	0.0168957	0.31696	-3.15497	0.00103323	0.147138	-6.79636	0.0372104	0.385374	-2.59489	10.9571	26.974	2.18825	1
cg08482215	0.0105912	0.400397	-2.49752	0.00254779	0.303607	-3.29373	0.000951037	0.246011	-4.06486	0.0106415	0.400749	-2.49533	10.6603	13.6869	1.14125	1
cg09263325	0.233398	0.750444	-1.33254	0.000146321	0.222814	-4.48804	0.00738013	0.452358	-2.21064	0.0716951	0.629974	-1.58737	8.71208	7.28523	0.743308	1
cg04217778	0.000317501	0.113478	-8.81225	0.336824	0.691051	-1.44707	0.155294	0.566948	-1.76383	0.445562	0.748126	-1.33667	8.17177	18.0233	1.9605	1
cg01870826	0.0365989	0.39614	-2.52436	0.00769814	0.271043	-3.68945	0.0678949	0.458594	-2.18058	0.310092	0.670037	-1.49245	5.8526	13.4721	2.04613	1
cg21833184	0.0146903	0.232418	-4.3026	0.00207871	0.12177	-8.2122	0.0421193	0.320587	-3.11928	0.0450241	0.327103	-3.05714	4.6485	17.377	3.32283	1
cg01830900	0.475725	0.740851	-1.3498	0.0303638	0.348989	-2.86542	0.00602403	0.226709	-4.41095	0.848904	1.08208	1.08208	4.06367	11.0095	2.40822	1
cg18848287	0.272238	0.487048	-2.05318	0.0508191	0.246449	-4.05763	0.0858841	0.302763	-3.30291	0.715623	0.79428	-1.259	4.04049	25.3574	5.57852	1
cg13696287	0.0229904	1.37653	1.37653	0.0155144	1.41743	1.41743	5.62E-06	0.300165	-3.3315	0.00230009	0.606142	-1.64978	24.1486	5.28119	0.194396	1
cg23433503	0.0293795	0.448472	-2.22979	0.000848603	0.208586	-4.79418	0.448689	1.2729	1.2729	0.00128434	0.230657	-4.33545	10.6947	16.5445	1.37509	1
cg14289228	0.141182	0.448577	-2.22927	0.814389	0.887682	-1.12653	0.0801287	2.67399	2.67399	0.00527274	6.44636	6.44636	4.73489	19.2462	3.61312	1
cg25234732	0.797067	0.846454	-1.1814	0.616369	0.721247	-1.38649	0.0126603	7.42496	7.42496	0.00382568	12.4584	12.4584	4.4272	29.3434	5.89155	1
cg19752855	0.276436	0.547488	-1.82652	0.419541	0.644753	-1.55098	0.00922026	5.80591	5.80591	0.0134986	5.08955	5.08955	4.38373	19.6601	3.98648	1
cg06490943	0.121365	2.14702	2.14702	0.0337374	0.323656	-3.0897	0.651617	1.22972	1.22972	0.333626	1.57412	1.57412	3.53	11.5715	2.91381	1
cg16316519	0.882496	1.01664	1.01664	0.0129858	1.4106	1.4106	0.0596437	0.788838	-1.26769	0.748988	0.964809	-1.03647	4.76641	0.940085	0.175317	1
cg13974505	0.00116363	0.519323	-1.92558	0.00936592	0.635894	-1.57259	0.00522071	0.602704	-1.65919	0.460315	0.901873	-1.1088	8.7504	2.6162	0.265761	1
cg19338056	0.353825	0.477892	-2.09252	0.000872405	0.0209661	-47.6961	0.00126424	0.0262	-38.168	0.0199579	0.113728	-8.79287	6.71224	63.687	8.43394	1
cg14052511	0.0169367	0.369545	-2.70603	0.0123624	0.344928	-2.89916	0.00579598	0.290764	-3.43921	0.453433	0.770271	-1.29824	4.61509	8.53752	1.64437	1
cg22863798	0.27755	1.14787	1.14787	0.0631994	1.29069	1.29069	0.0285356	0.729373	-1.37104	0.118767	0.813192	-1.22972	4.75182	1.12239	0.209957	1
cg10218959	0.00985757	1.54107	1.54107	0.207768	1.19259	1.19259	0.0205089	1.44795	1.44795	0.115918	1.2543	1.2543	4.54415	1.26542	0.24753	1
cg06674527	0.428595	1.40147	1.40147	0.00460548	4.83047	4.83047	0.00186426	6.31895	6.31895	0.011177	3.77363	3.77363	8.36495	23.11	2.45575	1
cg06961473	0.00940137	3.1831	3.1831	0.000599816	6.43539	6.43539	0.0103535	3.1133	3.1133	0.147987	1.72595	1.72595	7.8707	15.4153	1.74094	1
cg08623941	0.104586	0.813132	-1.22981	0.134333	0.8284	-1.20715	0.0378994	0.75526	-1.32405	0.00432066	0.64093	-1.56023	4.65396	1.00223	0.191421	1
cg01569660	0.0427616	2.14598	2.14598	0.00578527	3.26676	3.26676	0.0241551	2.41151	2.41151	0.11576	1.75026	1.75026	3.70605	6.29237	1.50921	1
cg03489965	0.954315	0.984446	-1.0158	0.513666	1.1987	1.1987	0.620465	1.14635	1.14635	0.0638383	0.565514	-1.7683	3.48878	4.13683	1.054	1
cg24778896	0.711426	1.05154	1.05154	3.03E-05	3.01274	3.01274	5.58E-08	12.4108	12.4108	0.127119	1.24999	1.24999	62.0646	17.9787	0.25749	1
cg26590064	0.00222505	1.69397	1.69397	0.000354522	2.02509	2.02509	0.000170077	2.19565	2.19565	0.000719213	1.88362	1.88362	33.1827	7.95328	0.21305	1
cg13985132	0.000677623	9.68394	9.68394	0.000520571	10.6423	10.6423	0.00179652	6.96592	6.96592	0.00240698	6.34454	6.34454	11.6228	35.1591	2.68889	1
cg08305552	0.00674909	0.621293	-1.60955	0.268552	1.16903	1.16903	0.128714	1.24922	1.24922	0.163677	0.817551	-1.22317	11.563	3.36353	0.258566	1
cg07466582	0.390987	1.20691	1.20691	0.158993	1.38001	1.38001	0.72623	1.07812	1.07812	0.857378	1.03924	1.03924	4.47919	3.24758	0.644478	1
cg06211385	0.190756	0.770827	-1.29731	0.136904	1.35126	1.35126	0.104048	0.716117	-1.39642	0.0354884	1.58398	1.58398	3.56596	1.99354	0.496932	1
cg23131131	0.609244	0.948548	-1.05424	0.111067	0.837053	-1.19467	0.0414231	1.2725	1.2725	0.0073905	1.42424	1.42424	6.10978	1.0159	0.1478	1
cg03403963	0.101721	0.724514	-1.38024	0.0315413	1.5739	1.5739	0.114199	0.734131	-1.36215	0.0119265	0.568712	-1.75836	3.50686	1.79698	0.455483	1
cg09811926	0.970027	0.996184	-1.00383	0.0091935	1.40012	1.40012	0.558321	1.06209	1.06209	0.353803	1.10195	1.10195	21.2839	3.49091	0.145792	1
cg25517755	0.6979	0.945044	-1.05815	0.00650147	1.66954	1.66954	0.349399	0.869715	-1.1498	0.00888083	0.617212	-1.62019	8.7549	2.91169	0.295626	1
cg16006296	0.567172	0.888018	-1.1261	0.381518	1.20237	1.20237	0.649992	0.910463	-1.09834	0.0218272	0.568295	-1.75965	8.4718	5.65697	0.593548	1
cg05865822	0.0604146	1.34888	1.34888	0.0694225	1.33249	1.33249	0.118952	0.787275	-1.2702	0.00411419	0.580455	-1.72279	5.62697	1.78014	0.281208	1
cg19634157	0.107695	0.56625	-1.766	0.0241031	0.418359	-2.39029	0.653614	1.15759	1.15759	0.773727	0.910839	-1.09789	9.67339	16.0798	1.47758	1
cg11216554	0.00692004	0.207009	-4.8307	0.00299479	0.159689	-6.26219	0.021709	3.46153	3.46153	0.0197688	0.281299	-3.55494	8.02963	25.8222	2.85855	1
cg12346673	0.397846	0.897926	-1.11368	0.0860541	0.789849	-1.26607	0.00330914	1.64474	1.64474	0.108539	1.24324	1.24324	7.48129	1.83286	0.217771	1
cg11218091	0.00821624	0.115074	-8.69006	0.00194584	0.0606599	-16.4854	0.137545	2.78065	2.78065	0.0447609	0.229189	-4.36321	7.16993	46.4356	5.75682	1
cg10241347	0.0678967	0.593226	-1.6857	0.0055277	0.394106	-2.53739	0.961525	0.987757	-1.01239	0.101965	1.5795	1.5795	5.22752	5.39877	0.918008	1
cg09019052	0.584271	0.84342	-1.18565	0.622926	1.16502	1.16502	0.885344	0.956507	-1.04547	0.468652	1.25512	1.25512	4.18397	6.29398	1.33716	1
cg14708218	0.0296961	0.0802093	-12.4674	?	?	?	0.182188	4.03892	4.03892	0.272791	0.324548	-3.08121	4.01734	54.9747	13.6844	1
cg15252215	0.00691725	0.318493	-3.13979	0.000666187	0.181772	-5.5014	0.916571	0.966284	-1.03489	0.116533	0.572232	-1.74754	12.1452	20.6086	1.50832	1
cg12474023	0.0949996	0.6004	-1.66556	0.17444	0.669187	-1.49435	0.459826	0.811185	-1.23276	0.954726	1.01591	1.01591	12.0577	14.7656	1.08851	1
cg18195080	0.00388201	0.0155862	-64.1593	0.0593001	0.109516	-9.13105	0.127206	5.48301	5.48301	0.56236	0.549912	-1.81847	5.91542	95.2697	12.5264	1
cg17595735	0.0546437	0.519806	-1.92379	1.75E-05	0.071404	-14.0048	0.0764438	1.80682	1.80682	0.000787831	0.218053	-4.58603	18.2097	25.9819	1.26828	1
cg16949103	0.0434263	0.470353	-2.12606	0.000308194	0.149237	-6.70074	0.218947	0.657127	-1.52178	0.00245243	0.254478	-3.92962	13.1556	21.9744	1.48475	1
cg14724899	0.034766	0.646288	-1.5473	0.00747416	1.84206	1.84206	0.228715	0.799255	-1.25117	0.0637792	0.690991	-1.4472	6.76741	3.37231	0.442948	1
cg26363555	0.034986	1.85116	1.85116	0.00603354	0.406938	-2.45738	0.12974	1.50719	1.50719	0.856072	0.955514	-1.04656	6.48277	6.44997	0.884392	1
cg20721628	0.530632	0.84743	-1.18004	0.127911	0.651182	-1.53567	0.907881	1.03063	1.03063	0.0349138	0.526935	-1.89777	5.57464	5.99715	0.95626	1
cg05005343	0.690951	0.86325	-1.15841	0.348224	0.7009	-1.42674	0.19057	0.600464	-1.66538	0.206671	1.63247	1.63247	5.53416	11.8688	1.90635	1
cg18362003	0.814704	0.927273	-1.07843	0.338098	0.727893	-1.37383	0.0512155	2.04225	2.04225	0.0316035	0.444598	-2.24922	4.78771	7.84359	1.45625	1
cg05678526	0.126847	1.89021	1.89021	0.00134053	0.165779	-6.03212	0.655156	0.840863	-1.18925	0.172785	0.571537	-1.74967	4.74319	11.1684	2.09299	1
cg16189093	0.629837	1.05295	1.05295	0.000240012	1.90763	1.90763	0.0395193	1.28788	1.28788	0.242346	0.878089	-1.13884	11.1318	1.99027	0.158925	1
cg22813542	0.100368	1.77825	1.77825	0.014553	0.381964	-2.61805	0.00329331	3.59826	3.59826	0.805048	0.923964	-1.08229	7.13614	11.5581	1.43969	1
cg17196933	0.00817301	2.99705	2.99705	0.237498	0.669445	-1.49377	0.0242972	2.38846	2.38846	0.887921	1.04679	1.04679	5.48578	9.13702	1.48052	1
cg13125488	0.150405	1.59676	1.59676	0.0729164	0.544819	-1.83547	0.0173382	2.41031	2.41031	0.576876	0.842717	-1.18664	4.95584	7.23403	1.29751	1
cg15598802	0.514209	1.29558	1.29558	0.900786	1.05004	1.05004	0.0334619	2.64508	2.64508	0.42366	1.37699	1.37699	4.09466	9.93867	2.15753	1
cg26916936	8.53E-06	0.0808591	-12.3672	0.00209566	0.325054	-3.07641	0.280467	0.747305	-1.33814	0.808016	1.06525	1.06525	15.8918	16.9673	0.949047	1
cg16865908	0.122493	0.688675	-1.45206	0.0194033	0.532628	-1.87748	0.635438	0.899033	-1.11231	0.865346	0.962882	-1.03855	8.3023	6.53097	0.699241	1
cg02101355	0.0285274	0.511944	-1.95334	0.0502783	0.560917	-1.78279	0.0941176	0.620728	-1.61101	0.0601035	1.73231	1.73231	6.59941	7.01599	0.944999	1
cg24213115	0.846949	0.94464	-1.0586	0.29607	0.726636	-1.37621	0.170958	0.650721	-1.53676	0.0440732	1.97749	1.97749	4.2506	5.84777	1.22289	1
cg18590130	0.00666987	2.14767	2.14767	0.257903	1.29224	1.29224	0.514248	0.866203	-1.15446	0.797105	1.05754	1.05754	5.77112	4.31048	0.663917	1
cg22732432	0.109148	0.749982	-1.33337	0.0339334	1.50345	1.50345	0.713286	1.06266	1.06266	0.442081	1.13779	1.13779	22.3115	9.58403	0.381828	1
cg17576719	0.000966348	0.635346	-1.57395	0.204129	0.883619	-1.13171	0.0501826	0.813717	-1.22893	0.000302892	0.581478	-1.71976	21.337	2.88046	0.119998	1
cg00509053	0.000126482	0.357242	-2.79922	0.436643	1.13022	1.13022	0.588394	1.08794	1.08794	0.145494	1.27266	1.27266	12.778	4.8157	0.335	1
cg14654629	0.759879	0.921086	-1.08567	0.000266938	0.20098	-4.97561	0.86798	0.956371	-1.04562	0.00342325	0.344259	-2.90479	10.2927	11.7208	1.01222	1
cg21315021	0.0735609	1.14898	1.14898	0.0985326	0.88151	-1.13442	0.490287	1.04999	1.04999	0.76005	1.02155	1.02155	7.4115	0.568853	0.0682247	1
cg19237809	0.0284803	0.684303	-1.46134	0.907862	1.01713	1.01713	0.0636868	1.35785	1.35785	0.052278	1.38252	1.38252	4.41832	1.50671	0.303125	1
cg08740524	0.468213	0.911541	-1.09704	0.442342	0.906377	-1.10329	7.12E-07	5.39402	5.39402	0.35454	1.12696	1.12696	27.3946	6.83229	0.221692	1
cg11306441	0.980021	0.989998	-1.0101	?	?	?	1.74E-05	34.2213	34.2213	0.632056	1.21369	1.21369	16.8742	38.2818	2.26866	1
cg00659495	0.67069	0.917651	-1.08974	0.0627874	0.656616	-1.52296	1.29E-05	6.30185	6.30185	0.370044	1.20317	1.20317	11.5226	7.36752	0.568354	1
cg21161136	0.044945	1.30121	1.30121	0.214428	1.1613	1.1613	4.13E-05	2.44498	2.44498	0.584256	0.938735	-1.06526	10.3477	2.14538	0.184293	1
cg16396919	0.43506	0.619602	-1.61394	0.00676853	0.121275	-8.24573	0.00492488	0.106578	-9.38282	0.135609	0.380327	-2.62932	4.47104	25.5812	5.08581	1
cg25701444	0.413351	0.591403	-1.69089	0.00291526	0.0766061	-13.0538	0.00514473	0.0981868	-10.1847	0.2567	0.475422	-2.1034	4.32497	27.022	5.55369	1
cg04154986	0.800474	1.03249	1.03249	4.46E-06	0.26361	-3.79348	1.59E-05	0.324907	-3.0778	0.000214724	0.458309	-2.18193	56.9274	14.3741	0.224444	1
cg14434408	?	?	?	0.00123056	0.209313	-4.77754	0.00137783	4.59739	4.59739	0.0072184	2.83294	2.83294	45.3713	27.5695	0.506368	1
cg27329548	0.880632	0.958529	-1.04327	0.000129906	0.153569	-6.51174	0.688457	0.892611	-1.12031	0.708807	1.11153	1.11153	8.96145	11.2759	1.11846	1
cg13203249	0.00123549	0.0698703	-14.3122	0.0387622	0.32327	-3.09338	0.274727	0.608025	-1.64467	0.875259	0.935165	-1.06933	13.7465	32.3025	1.46867	1
cg02990742	0.325664	0.880327	-1.13594	0.0470226	0.751639	-1.33043	0.380746	0.893224	-1.11954	0.182427	0.837175	-1.19449	6.20025	1.54897	0.222066	1
cg12111933	0.0113293	1.20937	1.20937	0.256414	0.931445	-1.0736	0.0177127	1.18877	1.18877	0.49584	0.959391	-1.04233	4.29177	0.244298	0.0505977	1
cg09980085	0.372816	0.654987	-1.52675	0.297611	0.60691	-1.64769	0.00388398	0.16556	-6.0401	0.452906	0.702132	-1.42423	6.57179	22.2623	3.01116	1
cg04329478	0.0519532	0.587729	-1.70146	0.0132344	0.47806	-2.09179	0.201783	0.723269	-1.38261	0.95283	1.01432	1.01432	6.0597	5.54433	0.81329	1
cg10190416	0.0273342	0.153495	-6.51487	0.00836262	0.0890474	-11.23	0.0215992	0.138039	-7.24431	0.0422699	0.186535	-5.36093	5.23462	42.713	7.25308	1
cg02727591	0.784327	1.13963	1.13963	0.00989022	0.211651	-4.72476	0.00635202	0.184057	-5.43309	0.996559	0.997948	-1.00206	5.0299	18.0811	3.19531	1
cg12085812	0.389459	0.723469	-1.38223	0.000138011	0.0890471	-11.23	0.615896	1.20401	1.20401	0.0189444	0.352399	-2.83769	9.55719	20.3912	1.89653	1
cg09409484	0.874927	1.04801	1.04801	0.000601809	0.206951	-4.83207	0.0685147	0.544951	-1.83503	0.00268656	0.290836	-3.43836	7.85301	11.022	1.24759	1
cg11155625	0.20541	0.916073	-1.09162	0.807878	0.984142	-1.01611	0.543583	1.04117	1.04117	0.00536606	1.27199	1.27199	3.64146	0.248305	0.0606118	1
cg13938909	0.00836854	0.282885	-3.535	0.000237712	0.0918179	-10.8911	0.657529	0.851393	-1.17455	0.000741234	0.138255	-7.23303	16.8993	33.9996	1.56481	1
cg13454346	0.889856	0.954719	-1.04743	0.647595	1.16639	1.16639	0.821328	1.07858	1.07858	0.00629783	0.304224	-3.28705	4.4965	7.96452	1.57446	1
cg01909446	0.00900795	1.2541	1.2541	0.000548002	1.44204	1.44204	0.241529	1.08718	1.08718	0.000184045	0.649899	-1.5387	38.2897	2.81938	0.0654515	1
cg01007350	0.985952	1.0021	1.0021	0.00118921	1.76382	1.76382	0.479706	1.08959	1.08959	0.22985	1.16235	1.16235	4.12525	0.931675	0.200753	1
cg03454607	0.136698	0.789914	-1.26596	0.000785213	0.473888	-2.1102	0.115081	0.777222	-1.28663	0.00184644	0.521875	-1.91617	24.5608	8.41665	0.30461	1
cg27518240	0.000273737	0.256581	-3.89741	6.94E-05	0.190464	-5.25034	0.00183956	0.364429	-2.74402	3.69E-05	0.163457	-6.11782	25.2156	20.7925	0.732969	1
cg25302985	0.109521	1.49126	1.49126	0.952079	0.98633	-1.01386	0.190407	0.727903	-1.37381	0.0326634	0.5641	-1.77273	11.3321	9.41461	0.738483	1
cg19865770	0.0191969	0.45027	-2.22089	0.0822735	1.71963	1.71963	0.474579	0.814818	-1.22727	0.00270585	0.311336	-3.21197	10.3393	12.9872	1.11653	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16576255	LOC400891	0.0294009	0.732087	0.95259	-1.04977	0.0033565	0.56891	-1.75775	0.0382978	1.40397	1.40397	0.0185773	1.49688	1.49688	0.485617	1.10533	1.10533
cg20004634	LOC400891;P2RX6P	0.00826603	0.372045	0.766496	-1.30464	0.013419	2.43113	2.43113	0.147133	0.636729	-1.57053	0.147215	0.636795	-1.57036	0.355044	0.758769	-1.31792
cg23644017	LOC400927	0.000127464	0.029726	0.652879	-1.53168	0.00112044	0.449524	-2.22458	0.150036	0.773255	-1.29323	0.797908	0.958142	-1.04369	1.17E-05	0.212957	-4.69578
cg14962120	LOC400927	0.000185795	0.142305	1.18373	1.18373	0.519954	1.07224	1.07224	0.966169	1.00455	1.00455	0.0207564	0.742525	-1.34676	0.000189103	0.510086	-1.96045
cg20316284	LOC400927	0.00183347	0.188292	1.39827	1.39827	0.132712	1.47715	1.47715	0.12083	0.667273	-1.49864	0.0918487	1.56252	1.56252	0.00613363	0.423176	-2.36308
cg11271713	LOC400927	0.00221201	0.127124	0.930818	-1.07432	0.0165916	0.880612	-1.13557	0.0884895	0.921583	-1.08509	0.471481	1.03234	1.03234	0.0240511	1.12405	1.12405
cg11769841	LOC400927	0.00545398	0.130446	1.6156	1.6156	0.568929	1.18422	1.18422	0.463881	1.24478	1.24478	0.369205	1.31109	1.31109	0.0356339	0.487608	-2.05083
cg20808578	LOC400927	0.0192478	0.058153	0.563045	-1.77606	0.117902	1.57693	1.57693	0.39224	1.26507	1.26507	0.0341524	0.515246	-1.94082	0.00297302	0.335041	-2.98471
cg06161698	LOC400927	0.0204667	0.0674098	4.42617	4.42617	0.537254	1.52665	1.52665	?	?	?	0.968862	1.02657	1.02657	?	?	?
cg00436663	LOC400927	0.0313941	0.420259	0.894009	-1.11856	0.242265	1.18119	1.18119	0.0859646	1.29457	1.29457	0.0960418	0.779816	-1.28235	0.00286173	0.57216	-1.74776
cg09835320	LOC400927	0.0338928	0.47126	1.08538	1.08538	0.0209637	0.733046	-1.36417	0.904459	0.986665	-1.01352	0.926157	0.989689	-1.01042	0.0477346	1.28802	1.28802
cg07546360	LOC400931	0.00013019	0.252291	0.839085	-1.19177	3.75E-06	4.88038	4.88038	0.0847213	1.32275	1.32275	0.122369	1.27842	1.27842	0.0131021	0.636719	-1.57055
cg11383208	LOC400931	0.000468907	0.590179	0.911389	-1.09723	1.57E-05	4.58079	4.58079	0.00934023	1.75525	1.75525	0.177465	1.2771	1.2771	0.28471	0.827258	-1.20881
cg21450723	LOC400931	0.00492334	0.952586	1.01496	1.01496	0.0022405	2.91251	2.91251	0.0843121	1.61128	1.61128	0.149716	1.4708	1.4708	0.100411	0.637896	-1.56765
cg23066564	LOC400931	0.00639598	0.0551912	0.630777	-1.58535	0.00126495	2.7112	2.7112	0.0694653	1.53798	1.53798	0.955933	0.988354	-1.01178	0.0180135	0.543803	-1.8389
cg24731441	LOC400931	0.0178487	0.225726	1.35812	1.35812	0.00134991	3.06528	3.06528	0.131681	1.47925	1.47925	0.035826	1.79967	1.79967	0.964362	1.01081	1.01081
cg16679093	LOC400931	0.0259204	0.102708	1.79177	1.79177	0.0221259	2.45022	2.45022	0.00778348	3.05301	3.05301	0.058712	2.00867	2.00867	0.675191	1.14758	1.14758
cg19755003	LOC400931	0.034536	0.262014	1.64086	1.64086	0.00555407	4.67661	4.67661	0.0141172	3.60586	3.60586	0.0433446	2.67493	2.67493	0.567824	0.78311	-1.27696
cg26422762	LOC400931	0.0375684	0.299966	0.753921	-1.3264	0.011739	2.28831	2.28831	0.0716835	1.69698	1.69698	0.588691	1.15438	1.15438	0.18889	0.693472	-1.44202
cg03041498	LOC401010	0.000713253	0.0193856	0.61426	-1.62798	0.0516203	0.682584	-1.46502	0.0150548	0.597467	-1.67373	0.129517	1.32624	1.32624	0.000190634	2.95617	2.95617
cg02438892	LOC401010	0.0131061	0.550579	0.899399	-1.11185	0.0162378	1.67549	1.67549	0.438589	1.14879	1.14879	0.37493	1.17338	1.17338	0.499402	1.12792	1.12792
cg01884014	LOC401010	0.0172553	0.200778	1.31664	1.31664	0.451661	0.855465	-1.16896	0.00553467	2.10044	2.10044	0.0651044	0.655986	-1.52442	0.330053	1.22706	1.22706
cg04128718	LOC401010	0.0203311	0.893397	1.05255	1.05255	0.000761294	7.01914	7.01914	0.765691	1.12093	1.12093	0.241316	0.625941	-1.5976	0.370785	0.703953	-1.42055
cg05064398	LOC401052	0.00631892	0.000276203	1.42455	1.42455	0.202867	0.92321	-1.08318	0.118918	0.904302	-1.10582	0.801666	1.01507	1.01507	0.178081	1.08877	1.08877
cg01471317	LOC401052	0.00711068	0.0193144	0.723115	-1.38291	0.391556	0.904313	-1.10581	0.251992	1.14696	1.14696	0.38666	0.903322	-1.10702	0.00443242	0.647215	-1.54508
cg08512456	LOC401052	0.0431595	0.131306	0.52881	-1.89104	0.0298563	2.71702	2.71702	0.061438	2.27972	2.27972	0.605685	1.22589	1.22589	0.021354	0.339002	-2.94984
cg09926380	LOC401052;LOC401052	0.0280714	0.337653	0.887649	-1.12657	0.574973	0.933972	-1.0707	0.989651	0.998437	-1.00156	0.822309	1.02749	1.02749	0.259663	1.15231	1.15231
cg15077376	LOC401097	0.00387084	0.000366829	0.275387	-3.63125	0.580673	1.13438	1.13438	0.08227	1.54499	1.54499	0.0993918	1.50406	1.50406	0.00293407	0.397201	-2.51761
cg18703913	LOC401097	0.0168124	0.126213	1.21396	1.21396	0.503412	0.923504	-1.08283	0.613994	0.942139	-1.06141	0.0199528	1.38982	1.38982	0.669468	0.950921	-1.05161
cg15772223	LOC401097	0.0203208	0.152127	0.81815	-1.22227	0.200925	1.1933	1.1933	0.0277215	1.40558	1.40558	0.193088	0.835103	-1.19746	0.728476	0.955428	-1.04665
cg21527132	LOC401097	0.0300023	0.533263	0.914156	-1.0939	0.00591086	1.66895	1.66895	0.0102233	1.5849	1.5849	0.408648	0.886739	-1.12773	0.427324	1.12218	1.12218
cg22591103	LOC401097	0.034392	0.586287	0.925986	-1.07993	0.506002	1.09903	1.09903	0.450146	0.897918	-1.11369	0.836113	1.02941	1.02941	0.638819	1.06839	1.06839
cg03281561	LOC401097	0.0407256	0.812513	0.926818	-1.07896	0.0507118	2.03822	2.03822	0.221408	1.50849	1.50849	0.355345	1.35541	1.35541	0.443646	0.778951	-1.28378
cg20847110	LOC401127	0.000133392	0.000168177	0.409301	-2.44319	0.00452904	0.589995	-1.69493	0.0806454	0.763168	-1.31033	3.07E-05	0.321168	-3.11363	0.000292583	0.438911	-2.27837
cg18271914	LOC401127	0.000378056	0.229804	0.817587	-1.22311	0.0196544	0.637319	-1.56907	0.00244895	0.509801	-1.96155	0.0339037	1.48564	1.48564	0.347002	0.856601	-1.1674
cg06604030	LOC401127	0.000473758	0.0040578	0.374844	-2.66777	0.000349113	0.231738	-4.31521	0.00146258	0.310803	-3.21747	0.0105303	0.441076	-2.26718	0.000155608	0.192615	-5.19171
cg19443418	LOC401127	0.00338438	0.263287	1.29575	1.29575	0.364466	0.812989	-1.23003	0.489327	0.855528	-1.16887	0.578838	0.882875	-1.13266	7.26E-05	0.201013	-4.97481
cg13084677	LOC401127	0.00339852	0.000742434	0.349111	-2.86442	0.301417	0.80252	-1.24608	0.0190008	0.557941	-1.79231	0.323144	0.810835	-1.2333	0.0975202	1.45294	1.45294
cg22863802	LOC401127	0.00343182	0.0598216	1.52791	1.52791	0.000682538	0.354932	-2.81744	0.232227	0.77874	-1.28412	0.871061	1.03296	1.03296	0.00188162	0.414904	-2.4102
cg11636960	LOC401127	0.0137832	0.775473	0.950576	-1.05199	0.0309678	0.638286	-1.5667	0.232219	0.800859	-1.24866	0.000233304	0.338928	-2.95048	0.318542	0.832993	-1.20049
cg03467501	LOC401127	0.0281572	0.197804	0.775926	-1.28878	0.0250016	0.608334	-1.64383	0.561637	0.896394	-1.11558	0.933571	1.01566	1.01566	0.274575	1.23599	1.23599
cg00131407	LOC401127	0.0335236	0.0763904	0.673544	-1.48468	0.325675	0.815913	-1.22562	0.02356	0.581525	-1.71962	0.339498	0.820897	-1.21818	0.00494089	0.474115	-2.10919
cg24768050	LOC401127	0.035905	0.00710922	0.13969	-7.15871	0.0782929	0.33048	-3.0259	0.396669	0.611825	-1.63445	0.596441	1.35325	1.35325	0.0116468	0.167829	-5.95844
cg11996870	LOC401387	0.00782498	0.921799	0.983185	-1.0171	0.310849	1.19852	1.19852	0.000302588	0.362641	-2.75755	0.186289	0.785072	-1.27377	0.0039398	0.511786	-1.95394
cg04644523	LOC401387	0.018545	0.541205	0.82921	-1.20597	0.245599	0.692316	-1.44443	0.0305978	0.463372	-2.15809	0.019	0.423222	-2.36283	0.00133172	0.243474	-4.10722
cg14158407	LOC401397;LOC401397	0.0008271	0.00564339	0.650253	-1.53786	0.00118475	1.75668	1.75668	0.000161301	2.1455	2.1455	0.0636422	0.781087	-1.28027	0.3997	0.902892	-1.10755
cg15788265	LOC401397;LOC401397	0.00745133	0.240688	1.46487	1.46487	0.108451	1.72327	1.72327	0.0356437	2.13831	2.13831	0.316346	0.724724	-1.37984	0.379465	0.755615	-1.32342
cg02425644	LOC401397;LOC401397	0.0275059	0.655171	0.923949	-1.08231	0.507032	0.888295	-1.12575	0.349997	1.18446	1.18446	0.86306	0.970078	-1.03084	0.00114724	0.431235	-2.31892
cg17479131	LOC401431	0.0273964	0.0263597	0.695738	-1.43732	0.257886	0.849906	-1.1766	0.569114	1.08249	1.08249	0.0427879	0.72528	-1.37878	0.546493	0.919374	-1.0877
cg04817271	LOC401431;ATP6V0E2;ATP6V0E2	0.00626413	0.954574	0.980514	-1.01987	0.766842	1.10817	1.10817	0.0882272	1.9152	1.9152	0.027378	2.46347	2.46347	0.399791	0.742489	-1.34682
cg26039848	LOC401431;ATP6V0E2;ATP6V0E2	0.0184371	0.0642041	0.737966	-1.35508	0.157437	0.801812	-1.24717	0.850703	1.02791	1.02791	0.649605	0.935358	-1.06911	0.803744	0.964275	-1.03705
cg16480132	LOC401431;ATP6V0E2;ATP6V0E2	0.0483682	0.652547	0.914968	-1.09293	0.582723	1.11494	1.11494	0.833146	1.04223	1.04223	0.0683053	0.670165	-1.49217	0.0224336	0.584924	-1.70962
cg01028849	LOC401463	0.00037584	0.0795224	1.90406	1.90406	0.000864544	0.19117	-5.23094	0.00028185	0.140282	-7.12851	0.0385858	0.452569	-2.20961	0.000218177	0.130052	-7.68926
cg00924004	LOC401463	0.0126829	0.0207182	0.251495	-3.97622	0.00129241	0.0979065	-10.2138	0.0318992	0.287588	-3.47719	0.27003	0.565961	-1.76691	0.0474997	0.325132	-3.07567
cg11382529	LOC401463	0.0127096	0.306297	0.445413	-2.24511	0.0379919	0.159311	-6.27702	0.04719	0.176568	-5.66356	0.0631146	0.202681	-4.93386	0.0105968	0.0859145	-11.6395
cg23897749	LOC401463	0.0242985	0.0424016	0.382167	-2.61666	0.00500643	0.216908	-4.61025	0.0127202	0.279684	-3.57546	0.107016	0.48478	-2.06279	0.0158794	0.296544	-3.37218
cg23778149	LOC401463	0.0333082	0.00535384	0.376564	-2.65559	0.51835	0.840003	-1.19047	0.533203	0.845317	-1.18299	0.113363	0.632072	-1.5821	0.697026	0.901065	-1.1098
cg11202131	LOC401463	0.0338992	0.0582291	0.243003	-4.11518	0.00462457	0.0828743	-12.0665	0.0177079	0.148609	-6.72906	0.0735582	0.26753	-3.73791	0.0429223	0.214409	-4.66398
cg15740363	LOC401463	0.0458967	0.929835	0.9813	-1.01906	0.0703646	1.54271	1.54271	0.18255	1.3542	1.3542	0.901986	1.02676	1.02676	0.750917	0.934017	-1.07064
cg22884051	LOC401463	0.0460837	0.045878	0.403078	-2.48091	0.00573977	0.237487	-4.21077	0.0234955	0.341524	-2.92805	0.297991	0.651582	-1.53473	0.136707	0.52912	-1.88993
cg02215374	LOC401588	0.0105679	0.0257763	0.636347	-1.57147	0.00948469	0.570574	-1.75262	0.00835789	0.562532	-1.77768	0.713716	1.06493	1.06493	0.0166968	0.607252	-1.64676
cg16894943	LOC401630;LOC401629	0.00530211	0.805676	1.09792	1.09792	0.104273	1.96023	1.96023	0.286388	1.52133	1.52133	0.0573812	0.442785	-2.25843	0.333928	0.685433	-1.45893
cg04170994	LOC401630;LOC401629	0.0375019	0.485294	1.22893	1.22893	0.487166	1.22781	1.22781	0.350922	0.756458	-1.32195	0.359351	1.3152	1.3152	0.365414	0.763107	-1.31043
cg25548834	LOC402644	0.00502881	0.540028	0.910185	-1.09868	0.0137218	0.629858	-1.58766	0.0153062	0.636582	-1.57089	0.0507752	1.40158	1.40158	0.000552447	0.443357	-2.25552
cg16509710	LOC402644	0.00533673	0.147926	0.652218	-1.53323	0.00816021	0.393699	-2.54001	0.0092441	0.402701	-2.48323	0.211737	0.696144	-1.43648	0.00014526	0.165151	-6.05505
cg00863007	LOC402644	0.0341512	0.0808561	0.246397	-4.05848	0.00561724	0.0720278	-13.8835	0.0143542	0.112572	-8.8832	0.162407	0.339843	-2.94254	0.024231	0.143131	-6.98659
cg00646731	LOC404266;HOXB5;LOC404266;LOC404266;LOC404266	5.51E-06	0.0165512	0.627037	-1.5948	0.000418646	0.409885	-2.43971	4.03E-06	0.181543	-5.50835	0.645462	1.07666	1.07666	6.02E-06	0.198288	-5.04317
cg22660299	LOC404266;HOXB5;LOC404266;LOC404266;LOC404266	8.29E-05	0.158004	0.65688	-1.52235	0.007519	0.383756	-2.60582	0.000313842	0.196637	-5.08551	0.0500195	0.536753	-1.86306	0.000763873	0.241807	-4.13553
cg05555337	LOC404266;HOXB5;LOC404266;LOC404266;LOC404266	0.00693556	0.178775	1.35331	1.35331	0.53367	1.14284	1.14284	0.469863	0.85579	-1.16851	0.187996	0.744162	-1.34379	0.00192916	0.394715	-2.53347
cg00711072	LOC404266;HOXB5;LOC404266;LOC404266;LOC404266	0.044346	0.09853	4.79435	4.79435	0.00207482	42.5617	42.5617	0.205398	3.17681	3.17681	0.382194	0.46053	-2.17141	0.172385	0.284623	-3.51342
cg20591728	LOC404266;HOXB6;LOC404266	0.0017468	0.496407	1.4999	1.4999	0.811876	1.15024	1.15024	0.00919162	6.96943	6.96943	0.00401995	9.66719	9.66719	0.916313	0.940162	-1.06365
cg18878432	LOC404266;HOXB6;LOC404266	0.0110682	0.118851	1.70709	1.70709	0.149647	1.62907	1.62907	0.0375594	2.14305	2.14305	0.0105547	2.76289	2.76289	0.735656	0.898842	-1.11299
cg13994241	LOC404266;LOC404266	0.000332302	0.119807	1.5677	1.5677	0.0480254	1.82591	1.82591	0.0198787	0.472888	-2.11466	0.0056007	0.379457	-2.63534	0.000407547	0.22397	-4.46488
cg09595185	LOC404266;LOC404266	0.00107569	0.136287	1.53926	1.53926	0.0104968	2.37582	2.37582	0.111644	0.627791	-1.59289	0.268782	1.36271	1.36271	0.285851	0.74243	-1.34693
cg01351315	LOC404266;LOC404266	0.00819177	0.050282	2.75207	2.75207	0.00643329	4.99162	4.99162	0.8803	0.933924	-1.07075	0.224553	0.560602	-1.7838	0.0117527	0.239856	-4.16917
cg09704116	LOC404266;LOC404266	0.00822795	0.0235574	3.08512	3.08512	0.000898991	7.92795	7.92795	0.841463	1.08701	1.08701	0.944539	0.971432	-1.02941	0.0664839	0.424277	-2.35695
cg25960038	LOC404266;LOC404266	0.0194357	0.0252457	0.452046	-2.21216	0.782869	0.920872	-1.08593	0.0601951	0.531236	-1.8824	0.217708	0.679124	-1.47249	0.0100609	0.37936	-2.63602
cg10588962	LOC404266;LOC404266	0.0275733	0.229003	2.09758	2.09758	0.00324551	10.5452	10.5452	0.220909	2.12792	2.12792	0.831458	1.13323	1.13323	0.0799973	0.319853	-3.12643
cg21242356	LOC404266;LOC404266	0.0334387	0.699431	1.13521	1.13521	0.106455	1.77931	1.77931	0.202646	0.644252	-1.55219	0.460193	0.782089	-1.27863	0.00690942	0.318908	-3.1357
cg05085809	LOC404266;LOC404266;HOXB5;LOC404266;HOXB5;LOC404266	0.000163093	0.610635	1.1714	1.1714	0.770838	1.09415	1.09415	0.75418	0.907762	-1.10161	2.06E-05	14.146	14.146	0.118761	0.593529	-1.68484
cg03809346	LOC404266;LOC404266;HOXB5;LOC404266;HOXB5;LOC404266	0.000652888	0.00126438	0.286573	-3.48951	0.00150114	0.29664	-3.37109	0.0513985	0.554827	-1.80236	0.00241856	3.07084	3.07084	0.00914774	0.415078	-2.40918
cg02574073	LOC404266;LOC404266;HOXB6	3.77E-05	0.764759	1.08343	1.08343	0.0909725	1.64402	1.64402	0.000211103	5.22781	5.22781	0.422635	0.803569	-1.24445	0.822838	0.941882	-1.0617
cg01723934	LOC404266;LOC404266;HOXB6	0.000191738	0.00348229	0.425293	-2.35132	3.67E-05	5.54513	5.54513	0.0106096	1.99966	1.99966	0.144921	0.713484	-1.40157	0.0163511	0.53103	-1.88313
cg10906729	LOC404266;LOC404266;HOXB6	0.000409832	0.413216	1.48401	1.48401	0.320005	1.62403	1.62403	0.0183539	3.85899	3.85899	0.254563	1.75308	1.75308	0.0339544	0.310929	-3.21617
cg19828220	LOC404266;LOC404266;HOXB6	0.000750963	0.0568889	2.37771	2.37771	0.765949	0.886931	-1.12748	0.00307676	5.09715	5.09715	0.176005	1.78296	1.78296	0.871311	0.936915	-1.06733
cg09983216	LOC404266;LOC404266;HOXB6	0.00174313	0.129107	1.57935	1.57935	0.84955	0.948454	-1.05435	8.51E-05	7.15569	7.15569	0.0366385	1.96735	1.96735	0.622666	1.14823	1.14823
cg18684142	LOC404266;LOC404266;HOXB6	0.0051638	0.124881	2.70332	2.70332	0.319079	0.539879	-1.85227	0.0441924	3.99035	3.99035	0.34231	1.79625	1.79625	0.299621	1.90314	1.90314
cg00072689	LOC404266;LOC404266;HOXB6	0.0304711	0.719531	0.932978	-1.07184	0.175028	0.757674	-1.31983	0.124218	1.37749	1.37749	0.00638878	1.97929	1.97929	0.364994	0.836038	-1.19612
cg21816532	LOC404266;LOC404266;HOXB6	0.0357203	0.0157517	0.430057	-2.32527	0.0181241	0.441145	-2.26683	0.310737	1.34865	1.34865	0.634197	0.87223	-1.14649	0.341933	1.32214	1.32214
cg21387752	LOC404266;LOC404266;HOXB6	0.0361504	0.88708	1.10592	1.10592	0.0223698	6.9532	6.9532	0.00863923	10.7231	10.7231	0.506381	1.6124	1.6124	0.541025	0.645019	-1.55034
cg03803541	LOC404266;LOC404266;HOXB6	0.0371829	0.446665	1.58539	1.58539	0.102455	2.8913	2.8913	0.00367375	10.3123	10.3123	0.140069	2.56817	2.56817	0.485767	1.52319	1.52319
cg17179862	LOC404266;LOC404266;HOXB6	0.04293	0.470632	1.45576	1.45576	0.0514079	3.11054	3.11054	0.00284038	8.18555	8.18555	0.193576	2.02158	2.02158	0.157301	2.16803	2.16803
cg05888755	LOC404266;LOC404266;HOXB6;HOXB6	0.000547941	0.049027	0.568968	-1.75757	1.16E-05	0.0969814	-10.3113	0.443341	0.82191	-1.21668	0.40587	0.80784	-1.23787	0.588208	1.14703	1.14703
cg16848873	LOC404266;LOC404266;HOXB6;HOXB6	0.0314106	0.674323	1.18834	1.18834	0.0354191	0.367876	-2.71831	0.213504	1.70715	1.70715	0.871535	1.06831	1.06831	0.0864593	2.16677	2.16677
cg16495265	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266	0.000137845	0.0319157	0.536182	-1.86504	0.0849809	0.623638	-1.60349	0.00264812	0.356641	-2.80394	9.21E-05	5.64575	5.64575	0.00193252	0.336989	-2.96745
cg08189801	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266	0.000619834	0.955745	0.989057	-1.01106	0.458078	0.860864	-1.16162	0.00249992	2.2998	2.2998	0.000372081	3.09274	3.09274	0.0653118	0.663486	-1.50719
cg05992357	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266	0.000678995	0.359899	0.855887	-1.16838	0.0960426	1.35279	1.35279	0.959591	1.00841	1.00841	0.446766	0.879676	-1.13678	0.0400095	1.48051	1.48051
cg01405107	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266	0.00133863	0.448598	1.23373	1.23373	0.00319546	2.98881	2.98881	6.58E-05	7.32762	7.32762	0.00236855	3.16785	3.16785	0.604782	0.867615	-1.15258
cg14126688	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266	0.0216009	0.115088	0.569012	-1.75743	0.900484	0.959664	-1.04203	0.014744	0.372432	-2.68506	0.370565	0.738895	-1.35337	0.171695	0.619494	-1.61422
cg05487507	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266;LOC404266	3.03E-05	0.00234608	2.04913	2.04913	0.0573932	1.43787	1.43787	0.000476632	2.52607	2.52607	0.0666881	1.41537	1.41537	0.000946558	2.2998	2.2998
cg18127922	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266;LOC404266	0.0161011	0.801088	1.07705	1.07705	0.0332234	2.07905	2.07905	0.0278104	2.14804	2.14804	0.161816	1.55156	1.55156	0.636575	0.869403	-1.15022
cg25365260	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	3.13E-08	0.000295054	0.519383	-1.92536	1.21E-08	12.3286	12.3286	1.56E-06	3.84573	3.84573	0.794463	1.02944	1.02944	1.01E-05	0.348969	-2.86558
cg06266993	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	4.91E-06	0.00010381	4.48871	4.48871	0.0158368	0.523862	-1.9089	0.00787921	0.474401	-2.10792	0.00163788	0.372851	-2.68204	0.000343715	0.283492	-3.52743
cg24210813	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	0.00013991	0.0171318	0.523636	-1.90972	8.26E-05	4.84983	4.84983	0.00252506	2.54381	2.54381	0.0376594	0.584567	-1.71067	0.00779519	0.467368	-2.13964
cg10153335	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	0.000299654	0.659471	0.84349	-1.18555	0.0855579	2.1281	2.1281	?	?	?	?	?	?	?	?	?
cg17062109	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	0.00184312	0.36178	0.84466	-1.18391	0.046125	0.662634	-1.50913	0.00665975	1.88527	1.88527	0.809198	1.04453	1.04453	0.0597918	0.68215	-1.46595
cg11155697	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	0.0091239	0.887201	1.03808	1.03808	0.238284	0.72235	-1.38437	0.314846	1.31478	1.31478	0.0910447	1.63253	1.63253	0.542769	0.850256	-1.17612
cg06384413	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	0.0141853	0.829268	0.967214	-1.0339	0.844161	1.03085	1.03085	0.0290689	1.4875	1.4875	0.0115761	1.62795	1.62795	0.33819	1.16463	1.16463
cg10498391	LOC404266;LOC404266;LOC404266;LOC404266;HOXB5	0.0314258	0.225391	1.59401	1.59401	0.0142041	3.0277	3.0277	0.101445	1.92842	1.92842	0.618596	1.20177	1.20177	0.0237531	2.68686	2.68686
cg23217463	LOC404266;LOC404266;LOC404266;LOC404266;HOXB6;LOC404266	2.95E-05	0.0098321	0.529668	-1.88798	0.000105706	0.263593	-3.79373	0.343039	1.20953	1.20953	0.0011006	2.55254	2.55254	0.0082223	0.517686	-1.93167
cg15908709	LOC404266;LOC404266;LOC404266;LOC404266;HOXB6;LOC404266	0.0001785	0.146751	0.790847	-1.26447	4.51E-06	0.204157	-4.89818	0.0279948	0.676293	-1.47865	0.84972	1.02899	1.02899	0.0123222	0.625278	-1.59929
cg11352083	LOC404266;LOC404266;LOC404266;LOC404266;HOXB6;LOC404266	0.000660658	0.181974	0.745873	-1.34071	0.156728	0.730894	-1.36819	6.24E-05	4.60259	4.60259	0.153882	0.729092	-1.37157	0.0103921	1.9501	1.9501
cg02086493	LOC404266;LOC404266;LOC404266;LOC404266;HOXB6;LOC404266	0.00161355	0.875298	1.01508	1.01508	0.0134225	1.33888	1.33888	0.00139738	1.5547	1.5547	0.0744571	0.82742	-1.20858	0.447502	0.928861	-1.07659
cg07676709	LOC404266;LOC404266;LOC404266;LOC404266;HOXB6;LOC404266	0.00955459	0.386636	1.35569	1.35569	0.923069	0.967421	-1.03368	0.00684807	3.32316	3.32316	0.0894563	1.90042	1.90042	0.362818	0.725632	-1.37811

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16576255	0.380873	1.13546	1.13546	0.942093	0.989785	-1.01032	0.695768	1.05712	1.05712	0.645157	0.936564	-1.06773	4.11618	1.30228	0.281228	1
cg20004634	0.743461	1.09998	1.09998	0.000380905	0.192739	-5.18836	0.356101	0.759255	-1.31708	0.261621	1.40448	1.40448	6.27911	8.37255	1.18524	1
cg23644017	0.647731	1.07968	1.07968	1.43E-05	0.221853	-4.50749	0.005917	0.548824	-1.82208	0.0794752	0.722966	-1.38319	20.7462	9.12461	0.390953	1
cg14962120	1.63E-05	0.386896	-2.58467	0.0400595	0.775903	-1.28882	0.00238356	1.57276	1.57276	0.0839651	0.815068	-1.22689	18.7416	3.39424	0.160984	1
cg20316284	0.00183766	2.89798	2.89798	0.0011775	0.318347	-3.14123	0.0281605	1.86524	1.86524	0.0926213	1.56054	1.56054	9.88878	9.0569	0.814112	1
cg11271713	0.00358179	0.842461	-1.187	0.000455624	1.2712	1.2712	0.357069	1.04202	1.04202	0.194181	0.94206	-1.0615	9.36236	0.279979	0.026582	1
cg11769841	0.0599624	1.86504	1.86504	0.000684865	0.217995	-4.58726	0.0209562	2.2611	2.2611	0.0411688	1.99746	1.99746	7.14596	9.76234	1.21434	1
cg20808578	0.198224	1.44019	1.44019	0.0385433	0.525753	-1.90203	0.21323	0.703543	-1.42138	0.974217	0.991368	-1.00871	4.76613	5.43187	1.01305	1
cg06161698	0.374778	1.86354	1.86354	0.00155916	0.0186592	-53.5929	0.734047	0.794836	-1.25812	0.829789	0.865244	-1.15574	7.53189	38.4159	3.64316	1
cg00436663	0.657056	1.06269	1.06269	0.155395	0.813138	-1.2298	0.144657	1.2376	1.2376	0.736562	1.04701	1.04701	4.02127	1.17907	0.26063	1
cg09835320	0.227871	1.15202	1.15202	0.0186476	0.727005	-1.37551	0.0234801	0.73892	-1.35333	0.382135	0.904647	-1.1054	3.91229	0.774509	0.175972	1
cg07546360	0.177675	1.23387	1.23387	0.312777	0.857974	-1.16554	0.000358322	2.31674	2.31674	0.029639	1.45591	1.45591	20.6285	7.03201	0.303011	1
cg11383208	0.239188	1.23411	1.23411	0.530881	1.11441	1.11441	0.00039477	2.61982	2.61982	0.00667814	1.82308	1.82308	14.5471	6.70953	0.409981	1
cg21450723	0.841275	0.951146	-1.05136	0.00283747	0.358233	-2.79148	0.00616686	2.44099	2.44099	0.332483	1.28369	1.28369	7.37328	7.28688	0.878473	1
cg23066564	0.0601797	1.56738	1.56738	0.248932	1.29107	1.29107	0.0101289	1.98903	1.98903	0.558858	1.1335	1.1335	6.80333	4.84214	0.63265	1
cg24731441	0.516586	1.17144	1.17144	0.0230886	0.520125	-1.92262	0.119408	1.50169	1.50169	0.36094	1.25353	1.25353	4.88898	4.48256	0.814996	1
cg16679093	0.115146	0.571475	-1.74986	0.900987	1.04149	1.04149	0.913517	1.03612	1.03612	0.0087815	2.97458	2.97458	4.30268	7.27057	1.50203	1
cg19755003	0.19446	1.78816	1.78816	0.576668	1.26973	1.26973	0.0102918	3.93174	3.93174	0.217292	1.73259	1.73259	3.88584	11.0336	2.52395	1
cg26422762	0.685747	1.11291	1.11291	0.0103083	0.427408	-2.33969	0.956054	1.0146	1.0146	0.404774	0.799181	-1.25128	3.76884	4.1278	0.97355	1
cg03041498	0.567802	0.905254	-1.10466	0.000292363	2.76675	2.76675	0.783193	0.953565	-1.0487	0.608489	0.914791	-1.09315	12.9427	6.09117	0.418333	1
cg02438892	0.00983624	1.77336	1.77336	0.00173591	0.456468	-2.19073	0.654788	0.924027	-1.08222	0.995883	0.999095	-1.00091	5.41574	2.64395	0.433953	1
cg01884014	0.0731487	1.50206	1.50206	0.451069	1.1692	1.1692	0.00432197	2.17401	2.17401	0.0397535	1.62256	1.62256	4.94475	3.24565	0.583452	1
cg04128718	0.709356	1.15374	1.15374	0.140415	0.545644	-1.8327	0.063604	0.450854	-2.21801	0.734852	0.878232	-1.13865	4.67837	10.8105	2.054	1
cg05064398	0.0415181	1.14993	1.14993	0.0215955	1.17818	1.17818	0.625512	0.971189	-1.02967	0.518424	0.961837	-1.03968	6.82893	0.38205	0.0497297	1
cg01471317	0.770543	0.967046	-1.03408	0.000965696	1.75588	1.75588	0.439103	0.91355	-1.09463	0.370865	0.900071	-1.11102	6.58282	1.36869	0.184816	1
cg08512456	0.714422	1.15457	1.15457	0.195853	0.5857	-1.70736	0.115309	1.95342	1.95342	0.387654	0.707308	-1.41381	3.58091	8.67431	2.15322	1
cg09926380	0.0126199	1.4534	1.4534	0.00207607	1.68652	1.68652	0.141662	0.826521	-1.20989	0.996454	1.00054	1.00054	4.18403	0.963299	0.204651	1
cg15077376	0.857856	1.04135	1.04135	0.301964	1.27337	1.27337	0.0480837	0.600153	-1.66624	0.590189	0.884381	-1.13073	7.93049	6.41428	0.718945	1
cg18703913	0.0104985	0.685635	-1.4585	0.00426952	1.56523	1.56523	0.43381	1.09812	1.09812	0.126438	1.2138	1.2138	4.98796	1.08496	0.193347	1
cg15772223	0.171575	1.20977	1.20977	0.00158318	0.552457	-1.8101	0.580062	0.929491	-1.07586	0.824889	1.02942	1.02942	4.67918	1.26852	0.240976	1
cg21527132	0.413756	1.12619	1.12619	0.514516	0.910269	-1.09858	0.172655	1.22929	1.22929	0.014234	1.53739	1.53739	4.08672	1.30944	0.284811	1
cg22591103	0.314015	1.15685	1.15685	0.0246726	0.687746	-1.45403	0.00936494	1.58579	1.58579	0.0108585	1.5645	1.5645	3.89171	1.20687	0.275656	1
cg03281561	0.888068	0.955955	-1.04607	0.0162896	0.390793	-2.5589	0.0101626	2.82027	2.82027	0.194689	1.55081	1.55081	3.6588	5.92819	1.44023	1
cg20847110	0.510296	1.09764	1.09764	0.000459324	0.463283	-2.15851	0.0109808	1.56076	1.56076	0.0585815	0.742252	-1.34725	20.4942	6.31642	0.27396	1
cg18271914	0.000886655	0.451094	-2.21683	2.73E-05	0.26654	-3.75179	0.0630789	0.71593	-1.39679	0.000679111	0.436003	-2.29356	15.4383	6.24681	0.359671	1
cg06604030	0.000848724	0.279304	-3.58033	0.000858448	0.279945	-3.57214	0.251609	0.73741	-1.3561	0.000591267	0.259375	-3.85542	14.5057	14.8597	0.910585	1
cg19443418	0.198792	0.739575	-1.35213	0.0215029	1.84696	1.84696	0.998819	1.00033	1.00033	0.189003	0.734065	-1.36228	8.25632	6.45413	0.694863	1
cg13084677	0.130334	1.39895	1.39895	0.202815	0.758618	-1.31819	0.418638	1.18508	1.18508	0.000754039	0.350003	-2.85712	8.24604	5.51387	0.594372	1
cg22863802	0.659621	1.0925	1.0925	0.0675477	1.50503	1.50503	0.359134	0.828441	-1.20709	0.00970548	0.520452	-1.92141	8.22204	5.18834	0.560914	1
cg11636960	0.952883	1.01053	1.01053	0.323349	0.834598	-1.19818	0.824311	0.961356	-1.0402	0.0517821	0.675494	-1.4804	5.32712	2.65068	0.442296	1
cg03467501	0.196439	0.775258	-1.28989	0.00223579	2.2208	2.2208	0.585294	0.902402	-1.10815	0.412962	1.16882	1.16882	4.17953	2.29929	0.489006	1
cg00131407	0.827242	0.95713	-1.04479	0.0366552	0.614631	-1.62699	0.373317	0.832589	-1.20107	0.00556685	0.481892	-2.07515	3.92775	2.50003	0.565781	1
cg24768050	0.368084	0.592543	-1.68764	0.0241571	0.218318	-4.58047	0.0517291	0.285579	-3.50165	0.0417948	0.264956	-3.77422	3.83151	19.4442	4.51096	1
cg11996870	0.167849	0.775806	-1.28898	0.512294	1.12162	1.12162	0.231784	0.805259	-1.24184	0.145754	0.763586	-1.30961	6.38843	3.01765	0.419878	1
cg04644523	0.842937	0.941702	-1.06191	0.00521965	0.32763	-3.05222	0.704331	0.890974	-1.12237	0.58063	0.844543	-1.18407	4.8264	7.00802	1.29068	1
cg14158407	0.0907799	0.801896	-1.24704	0.0282387	0.735682	-1.35928	0.714547	0.957407	-1.04449	0.201096	1.17349	1.17349	12.4151	2.76059	0.197652	1
cg15788265	0.355169	1.34396	1.34396	0.0894048	0.558735	-1.78976	0.000447912	0.178921	-5.58906	0.183593	1.55036	1.55036	6.48722	9.92465	1.35989	1
cg02425644	0.185358	1.28037	1.28037	0.114744	0.739465	-1.35233	0.710201	1.06789	1.06789	0.0402738	0.659058	-1.51732	4.2141	2.06668	0.43593	1
cg17479131	0.0592392	1.34093	1.34093	0.213643	1.19767	1.19767	0.0245744	1.44606	1.44606	0.0604021	0.746991	-1.3387	4.22002	1.26816	0.267121	1
cg04817271	0.270059	1.48693	1.48693	?	?	?	0.0873946	0.521066	-1.91914	0.000405825	0.143501	-6.9686	6.99122	11.7444	1.67987	1
cg26039848	0.0213439	0.667527	-1.49807	0.000458281	0.446579	-2.23925	0.706182	1.05689	1.05689	0.296516	0.853726	-1.17134	4.83591	1.63498	0.300526	1
cg16480132	0.761001	0.941935	-1.06164	0.00346747	0.459314	-2.17716	0.437441	0.856141	-1.16803	0.267432	1.25424	1.25424	3.43104	2.08928	0.541275	1
cg01028849	0.00825799	0.327034	-3.05779	0.00103898	0.200499	-4.98756	0.0297754	2.33087	2.33087	0.120618	0.572909	-1.74548	15.4633	26.8139	1.54136	1
cg00924004	0.278176	0.571848	-1.74872	0.00199525	0.11499	-8.69643	0.0488991	0.32805	-3.04831	0.162288	0.477378	-2.09477	5.47407	21.296	3.45808	1
cg11382529	0.0463398	0.175052	-5.71258	0.00162166	0.0317645	-31.4817	0.116694	3.67485	3.67485	0.0471595	0.176514	-5.66529	5.47033	50.5134	8.20805	1
cg23897749	0.0901185	0.463635	-2.15687	0.010632	0.266631	-3.75051	0.0550789	0.408586	-2.44746	0.0754702	0.442919	-2.25775	4.40051	11.8027	2.3841	1
cg23778149	0.39798	0.794193	-1.25914	0.00136362	0.290096	-3.44714	0.406118	0.797483	-1.25395	0.288529	0.745744	-1.34094	3.93688	4.42045	0.998073	1
cg11202131	0.247164	0.449438	-2.225	0.0318733	0.189712	-5.27114	0.492652	1.58493	1.58493	0.152665	0.363338	-2.75226	3.91202	27.0652	6.14974	1
cg15740363	0.890629	1.02993	1.02993	0.0846497	0.664459	-1.50498	0.0421507	1.6517	1.6517	0.00443169	2.25678	2.25678	3.49954	2.54642	0.646795	1
cg22884051	0.296137	0.650432	-1.53744	0.0134576	0.296749	-3.36985	0.0528114	0.417309	-2.39631	0.192094	0.577975	-1.73018	3.4942	8.72402	2.2193	1
cg02215374	0.123364	0.75206	-1.32968	0.0163857	1.65013	1.65013	0.983841	1.00346	1.00346	0.521828	1.11721	1.11721	5.8069	2.6804	0.410301	1
cg16894943	0.916514	0.961039	-1.04054	0.00527026	0.248023	-4.03188	0.000417541	8.33842	8.33842	0.641466	1.19451	1.19451	7.20811	16.3978	2.02214	1
cg04170994	0.0401025	0.501776	-1.99292	0.00322265	0.310834	-3.21715	0.0693679	1.80507	1.80507	0.865741	0.951996	-1.05042	3.77128	5.04811	1.18984	1
cg25548834	0.287959	1.18217	1.18217	0.344571	1.15915	1.15915	0.020955	0.656131	-1.52409	0.369954	0.869647	-1.14989	7.32573	2.66986	0.323955	1
cg16509710	0.468364	1.22524	1.22524	0.410223	0.793055	-1.26095	0.244257	0.715053	-1.3985	0.102129	0.611057	-1.63651	7.19375	8.63646	1.06716	1
cg00863007	0.0538553	0.205161	-4.87421	0.0218741	0.136619	-7.31964	0.0442819	0.187889	-5.32228	0.186742	0.363222	-2.75314	3.90159	32.3561	7.37159	1
cg00646731	0.000760697	0.443306	-2.25578	6.04E-07	0.11225	-8.90871	0.00134513	0.475825	-2.10161	2.15E-05	0.255992	-3.90637	47.3431	19.0612	0.357883	1
cg22660299	0.00276684	0.316894	-3.15563	2.03E-06	0.0383069	-26.105	0.000847089	0.247409	-4.0419	0.000697091	0.236912	-4.22098	23.2787	28.5792	1.09129	1
cg05555337	0.644086	1.10356	1.10356	0.063558	0.642859	-1.55555	0.00214056	0.401132	-2.49295	0.00454366	0.449025	-2.22705	6.63422	4.71383	0.631585	1
cg00711072	0.142992	3.90394	3.90394	0.520158	1.75771	1.75771	0.85761	1.1681	1.1681	0.721183	0.733419	-1.36348	3.54488	42.0254	10.538	1
cg20591728	0.0815614	0.321995	-3.10564	0.000265483	33.6372	33.6372	0.000612042	22.1605	22.1605	0.195893	2.232	2.232	10.0286	54.7352	4.85146	1
cg18878432	0.100842	0.566822	-1.76422	0.758552	1.1023	1.1023	0.000949527	4.74173	4.74173	0.0363703	2.15664	2.15664	5.7211	9.04289	1.40499	1
cg13994241	0.244303	1.38333	1.38333	4.52E-05	0.128001	-7.81246	0.00555327	0.378875	-2.63939	0.0053054	0.37576	-2.66127	15.9955	17.9784	0.999081	1
cg09595185	0.0485351	1.83218	1.83218	6.03E-05	0.136486	-7.32677	0.0718072	0.582709	-1.71612	0.0209655	0.474108	-2.10922	11.5253	13.1784	1.01638	1
cg01351315	0.0923895	2.31696	2.31696	0.00394595	0.172202	-5.80712	0.741571	0.860599	-1.16198	0.519741	0.743759	-1.34452	6.297	20.5244	2.89724	1
cg09704116	0.0165897	3.3837	3.3837	0.0207392	3.19	3.19	0.0368347	2.74625	2.74625	0.964459	0.981608	-1.01874	6.28825	17.2854	2.44342	1
cg25960038	0.916317	0.969123	-1.03186	0.0548519	0.522158	-1.91513	0.00161997	0.259694	-3.85069	0.0228018	0.443502	-2.25478	4.75047	6.69936	1.25356	1
cg10588962	0.96952	0.977828	-1.02268	0.0264684	0.213533	-4.68312	0.268962	0.508852	-1.96521	0.444107	0.632657	-1.58064	4.21048	22.9627	4.84774	1
cg21242356	0.126263	1.71725	1.71725	0.0311095	0.43734	-2.28655	0.0764047	0.525	-1.90476	0.143764	0.598433	-1.67103	3.93134	6.65286	1.50423	1
cg05085809	0.370657	0.753362	-1.32738	0.0127204	0.385269	-2.59559	3.11E-05	12.2213	12.2213	0.0669833	1.88245	1.88245	19.4137	29.1818	1.33614	1
cg03809346	0.00350353	0.349253	-2.86325	0.0314976	0.511726	-1.95417	0.0204945	2.0992	2.0992	0.109694	1.5891	1.5891	13.2672	14.8236	0.993164	1
cg02574073	0.00116639	0.280036	-3.57097	1.01E-05	12.5411	12.5411	1.88E-05	10.2185	10.2185	0.0353995	0.519928	-1.92335	28.6901	32.3942	1.00365	1
cg01723934	0.020866	0.549029	-1.8214	0.00635552	0.46487	-2.15114	0.00151094	2.67932	2.67932	0.95016	1.01357	1.01357	18.5824	13.6853	0.654633	1
cg10906729	0.00128594	0.109232	-9.15479	0.000339919	15.2383	15.2383	8.69E-05	27.7143	27.7143	0.215535	1.84988	1.84988	15.0987	53.2485	3.13483	1
cg19828220	0.43446	0.725756	-1.37787	3.49E-05	24.909	24.909	0.000350648	10.0671	10.0671	0.196618	1.73108	1.73108	12.7569	32.6407	2.27436	1
cg09983216	0.234982	0.706883	-1.41466	0.17653	0.67006	-1.4924	0.00102561	3.88137	3.88137	0.0794466	1.72037	1.72037	10.0347	12.3424	1.09331	1
cg18684142	0.352708	0.564127	-1.77265	0.000681289	22.3627	22.3627	0.00058806	24.0249	24.0249	0.834936	1.13305	1.13305	7.26666	41.2431	5.04503	1
cg00072689	0.0262373	0.602145	-1.66073	0.0607363	0.665805	-1.50194	0.947393	0.987385	-1.01278	0.301111	1.22891	1.22891	4.06426	2.38257	0.521088	1
cg21816532	0.999061	1.00034	1.00034	0.435719	0.797097	-1.25455	0.0219168	2.1905	2.1905	0.134863	0.631478	-1.58359	3.83869	4.94437	1.14492	1
cg21387752	0.611204	0.6954	-1.43802	0.0142835	8.50813	8.50813	0.026085	6.4937	6.4937	0.783115	0.822408	-1.21594	3.82204	30.3928	7.06844	1
cg03803541	0.486047	0.656698	-1.52277	0.60056	0.730606	-1.36873	0.00917487	7.13968	7.13968	0.0727978	3.28408	3.28408	3.78305	21.1487	4.96923	1
cg17179862	0.340707	0.605086	-1.65266	0.595214	0.76005	-1.3157	0.0397601	3.37515	3.37515	0.153747	2.1846	2.1846	3.58802	14.8775	3.68572	1
cg05888755	0.00104268	0.295824	-3.38039	0.354529	1.27	1.27	0.00768528	0.42334	-2.36217	0.158578	0.685104	-1.45963	13.9317	13.8944	0.886512	1
cg16848873	0.222848	0.592748	-1.68706	0.183463	0.562024	-1.77928	0.00466615	4.64566	4.64566	0.170175	1.81567	1.81567	4.02051	10.6146	2.34677	1
cg16495265	0.00245022	0.35174	-2.84301	0.48216	1.19374	1.19374	0.000162007	4.93399	4.93399	0.828965	1.0551	1.0551	20.314	19.7728	0.86521	1
cg08189801	0.361702	0.830354	-1.20431	0.0219119	0.579716	-1.72498	0.000126616	3.75418	3.75418	0.927212	0.982046	-1.01828	13.4612	8.38162	0.553468	1
cg05992357	0.114444	0.752889	-1.32822	0.99729	0.999439	-1.00056	1.33E-05	4.51786	4.51786	0.00527433	1.83691	1.83691	13.1224	5.68016	0.384763	1
cg01405107	0.97528	0.991608	-1.00846	0.85663	1.05042	1.05042	0.00385126	2.88434	2.88434	0.0304368	1.9975	1.9975	10.8279	12.6873	1.04153	1
cg14126688	0.905955	1.03966	1.03966	0.00623462	0.309351	-3.23258	0.010278	2.89909	2.89909	0.736804	0.894929	-1.11741	4.58261	7.86068	1.52474	1
cg05487507	0.00100325	2.28221	2.28221	3.63E-07	11.8817	11.8817	0.0022576	2.0588	2.0588	0.0121868	1.69516	1.69516	30.3835	13.737	0.401886	1
cg18127922	0.0632115	1.84849	1.84849	0.000690572	4.58644	4.58644	0.0504181	1.92646	1.92646	0.0483688	1.94111	1.94111	5.06037	6.92942	1.2172	1
cg25365260	9.64E-08	6.88949	6.88949	0.000486577	0.544697	-1.83588	4.54E-08	8.37055	8.37055	0.425686	0.913575	-1.0946	176.419	34.5005	0.17383	1
cg06266993	0.0723057	0.644848	-1.55075	2.89E-05	0.166038	-6.02271	7.33E-07	18.6604	18.6604	0.0844388	0.658673	-1.5182	48.7556	36.9503	0.673662	1
cg24210813	5.94E-05	5.22714	5.22714	0.887356	0.968933	-1.03206	0.142074	0.703663	-1.42113	0.0584324	0.621186	-1.60982	20.2329	15.888	0.698008	1
cg10153335	0.000168864	0.0478764	-20.8871	?	?	?	0.000210476	18.5614	18.5614	0.0785879	2.17667	2.17667	31.9144	39.2218	1.47476	1
cg17062109	0.000922474	2.43837	2.43837	0.00901528	0.54996	-1.81832	0.0026895	2.11061	2.11061	0.701936	0.933093	-1.0717	9.87372	5.07171	0.456584	1
cg11155697	0.818351	0.941224	-1.06245	0.117663	0.639271	-1.56428	0.00020572	5.14119	5.14119	0.732208	1.09466	1.09466	6.0859	6.68271	0.976057	1
cg06384413	0.151665	0.788901	-1.26759	0.477766	0.894567	-1.11786	0.0011223	2.09687	2.09687	0.0911373	1.33274	1.33274	5.27702	1.99147	0.335453	1
cg10498391	0.0116826	3.17058	3.17058	0.00605427	3.7165	3.7165	0.0389864	2.39905	2.39905	0.0956568	1.95476	1.95476	4.01981	8.53762	1.8879	1
cg23217463	0.0446735	0.638334	-1.56658	7.70E-06	6.76797	6.76797	0.000174865	0.289373	-3.45574	0.765078	0.943309	-1.0601	30.5951	18.3776	0.53393	1
cg15908709	0.935084	0.987802	-1.01235	7.92E-05	0.341417	-2.92897	0.203824	0.817042	-1.22393	0.836709	0.969385	-1.03158	18.9458	6.81135	0.319571	1
cg11352083	0.391915	0.83399	-1.19905	0.131424	1.4008	1.4008	0.000277089	3.42671	3.42671	0.583832	1.1213	1.1213	13.2234	8.97041	0.603001	1
cg02086493	0.104573	1.18425	1.18425	0.0129176	0.745141	-1.34203	0.000643996	1.64733	1.64733	0.00891728	1.37323	1.37323	10.2614	1.47673	0.127921	1
cg07676709	0.364841	0.726666	-1.37615	0.00822191	3.18759	3.18759	0.000854712	5.57206	5.57206	0.222247	1.55249	1.55249	5.99723	11.1682	1.65532	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3-vs-537 vs. N)	p-value(5377 vs. N)	Fold-Change(5-vs-537 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-637 vs. N)	F(Error)
cg14509967	C4O4266;HOXB6;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266	0.0132378	0.336604	0.73258	-1.36504	0.704719	1.12703	1.12703	0.00375019	3.41795	3.41795	0.222678	1.49554	1.49554	0.640673	0.862734	-1.15911	0.407114	0.76617	-1.30519	0.0134322	0.382346	-2.61643	0.0751359	1.86345	1.86345	0.0106153	0.394039	-2.53782	5.39807	8.43411	1.38883	1
cg24889708	C4O4266;HOXB6;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266	0.0143839	0.418678	1.2631	1.2631	1.00680622	0.371187	-2.69406	0.434508	1.2528	1.2528	0.0026175	3.24741	3.24741	0.27444	0.725122	-1.37908	0.40049	0.784077	-1.27539	0.0732695	0.568511	-1.75867	0.279723	1.37386	1.37386	0.21114	1.45117	1.45117	5.25291	6.64635	1.12468	1
cg08832695	C4O4266;HOXB6;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266	0.0184406	0.434565	0.855486	-1.16893	0.645441	0.913294	-1.09494	0.106816	1.41154	1.41154	0.647662	0.887707	-1.1265	0.0716935	0.565389	-1.76869	0.0702726	0.672922	-1.48606	0.0337676	0.458214	-2.18238	0.0305948	1.64437	1.64437	0.583108	0.807168	-1.11462	4.85359	2.93513	0.539541	1
cg02566861	C4O4266;HOXB6;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266	0.0284555	0.131259	0.602915	-1.65861	0.0290716	0.449849	-2.22297	0.458633	1.26408	1.26408	0.728423	0.897405	-1.11432	0.0108606	0.370379	-2.69994	0.010247	0.366049	-2.73187	0.00637135	0.332009	-3.01196	0.508808	0.812095	-1.23138	0.736695	0.900508	-1.11048	4.16402	6.35985	1.35763	1
cg05490023	C4O4266;HOXB6;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266;LOC404266	0.0316287	0.791008	0.951309	-1.05118	0.130288	0.735563	-1.3595	0.638412	0.914885	-1.09303	0.196625	1.29251	1.29251	0.0131536	0.561115	-1.78217	0.026838	0.610873	-1.637	0.00939828	0.538562	-1.8568	0.784816	1.05279	1.05279	0.163512	1.32245	1.32245	4.01058	2.24365	0.497273	1
cg26279336	C4O4266;HOXB6;LOC404266	0.0365695	0.15977	0.657343	-1.52127	0.302058	0.741848	-1.34798	0.100868	1.65179	1.65179	0.0768172	0.577172	-1.73258	0.182917	0.673871	-1.48396	0.0666703	0.563105	-1.77587	0.00224455	0.302197	-3.3091	0.276487	0.728956	-1.37182	0.173849	0.667584	-1.49794	3.80605	4.70207	1.09815	1
cg09471587	C4O4278;LOC404278	0.000178075	0.000181393	3.00682	3.00682	5.13E-05	3.7156	3.3356	0.812971	1.0425	1.0425	0.00114631	2.29531	2.29531	0.00989626	0.567548	-1.76197	0.186291	1.33754	1.33754	1.27024	0.270584	1.32058	1.20058	0.00914434	3.24368	3.24368	0.0433923	1.59628	1.59628	18.958	9.07052	0.425276	1
cg25885170	C4O4278;LOC404278	0.000297	0.841197	1.05014	1.05014	5.27E-05	6.30917	6.30917	0.0618128	0.598765	-1.6701	0.00117515	3.19326	3.19326	0.000493893	3.78162	3.78162	0.000248559	4.36952	4.36952	0.166343	1.43288	1.43288	0.0305184	2.62494	2.62494	0.0232423	1.93765	1.93765	16.4954	15.5345	0.837105	1
cg27257291	C4O4278;LOC404278	0.00751609	0.000678249	0.49755	-2.00985	0.274718	0.853367	-1.165	0.199943	0.833448	-1.19984	0.0253965	0.699726	-1.42913	0.0399905	0.726871	-1.37576	0.0262388	0.701652	-1.42521	0.0500124	0.353012	3.35032	0.454034	1.10793	1.10793	0.0341427	0.717328	-1.39406	6.46066	1.85049	0.254245	1
cg02365945	C4O4278;LOC404278	0.0162511	0.475827	1.42587	1.02009	0.0205333	0.15831	3.10831	0.381054	1.45532	1.45532	0.0929696	0.19388	2.10388	0.0122913	0.677637	1.37053	0.136457	2.13457	2.13457	0.0238217	0.58127	1.58127	0.0494285	2.15205	2.15205	0.119954	2.0229	2.0229	4.34216	11.3948	2.45548	1
cg08281460	C4O4278;LOC404278	0.0282843	0.0143624	3.99123	3.99123	0.0376943	3.02076	3.02076	0.00705136	4.93918	4.93918	0.86424	0.924518	-1.08164	0.540775	0.752789	-1.32839	0.586159	1.28673	1.28673	0.0394444	0.335354	-2.98192	0.215523	1.81818	1.81818	0.710795	1.18626	1.18626	4.1729	13.9002	2.96095	1
cg15057836	C4O4040;C4O4040	0.000191048	0.000910248	0.472168	-2.15799	0.240706	0.534259	-1.87175	1.64E-05	2.661998	-3.82557	0.880893	1.02294	1.02294	0.000443146	0.452744	-2.20876	0.0083098	0.60023	-1.66603	2.02E-05	0.286552	-3.4906	0.0402993	0.797267	-1.33821	0.000521565	0.446113	2.26499	21.3324	7.69778	0.322266	1
cg04285351	C4O4040;C4O4040	0.000156617	0.303754	0.812788	1.23033	0.04822821	0.644565	-1.55143	0.163497	0.731745	-1.3666	6.32E-06	1.12222	1.12222	0.268613	0.799134	-1.25153	0.0527132	0.65144	-1.53506	0.000357721	0.328006	-3.04873	0.547993	1.12559	1.12559	0.51149	0.87846	-1.13836	19.6271	11.7723	0.533152	1
cg05259545	C4O4040;C4O4040	0.000452408	0.019155	2.1104	2.1104	0.278844	1.34537	1.34537	0.325005	1.30707	1.30707	0.0100255	2.35477	2.35477	5.29E-05	0.136846	-7.3075	?	?	?	0.00176898	0.309368	-3.2324	0.038617	0.531968	-1.87981	0.620421	1.14058	1.14058	15.0517	14.7103	0.977321	1
cg00606739	C4O4040;C4O4040	0.000323247	5.1413	1.19415	0.0432005	0.181796	-1.21184	0.181723	0.641864	1.46186	1.46186	0.500551	1.53122	1.53122	0.0145048	0.638434	-1.5657	0.723127	0.909117	-1.09997	0.199382	0.695454	-1.4379	0.00659094	1.75249	1.75249	0.0814085	1.67762	1.67762	8.30114	9.43242	1.01003	1
cg26089220	C4O4040;C4O4040	0.00359114	0.436915	0.829497	-1.20555	0.754071	0.9286	-1.07689	0.00163457	0.345267	-2.89631	0.549715	1.15334	1.15334	0.0501203	0.416778	-2.39936	0.789667	1.06505	1.06505	0.00199938	0.279636	2.79636	0.665594	1.10757	1.10757	0.0122011	0.478966	-2.08783	11.8112	7.13752	0.782192	1
cg05227989	C4O4040;C4O4040	0.00502752	0.786909	0.928033	-1.03102	0.371035	0.746035	-1.34056	0.0362767	0.712077	-1.40434	0.228838	0.859482	-1.16349	0.00196588	0.502996	-1.98807	0.888815	1.01691	1.01691	0.0013504	0.572247	-1.7475	0.379881	0.897619	-1.11406	0.00777081	0.663752	-1.50659	13.2611	5.69873	0.582443	1
cg16857801	C4O4040;C4O4040	0.00828389	0.0011488	4.51434	4.51434	0.135561	0.602076	-1.66092	0.720898	1.1198	1.1198	0.97608	1.0095	1.0095	0.944084	0.978119	-1.02237	0.815032	1.07671	1.07671	0.354806	0.74259	-1.34664	0.00125358	0.42005	4.42005	0.0771571	1.88844	1.88844	6.27483	5.88644	1.40051	1
cg09413950	C4O4040;C4O4040	0.00928027	0.000562	0.92636	0.926536	0.0773445	0.74021	-1.35097	0.400981	0.699116	-1.43038	0.780265	1.1235	1.1235	0.611975	0.808165	-1.23737	0.555635	1.20549	1.20549	0.00543243	0.218026	-4.58661	0.146465	1.91361	1.91361	0.710391	1.16801	1.16801	0.0103512	16.6199	2.4406	1
cg09469643	C4O4040;C4O4040	0.0140884	0.0414167	1.53009	1.52009	0.00953333	0.53732	-1.79428	0.67886	1.07694	1.07694	0.508592	1.12682	1.12682	0.864821	0.90122	-1.10979	0.665401	1.08055	1.08055	0.153943	0.760878	-1.31427	0.00364662	2.09703	2.09703	0.0502437	1.48796	1.48796	5.28892	2.66544	0.446284	1
cg23525200	C4O4040;C4O4040	0.0209994	0.66857	0.865606	-1.15526	0.00269931	0.01132	-2.01132	0.400373	1.33439	1.33439	0.879494	1.05216	1.05216	0.583083	1.20414	1.20414	0.394528	0.746585	-1.33943	0.00435848	0.279042	-3.58369	0.535372	0.810301	-1.23411	0.295587	0.695254	-1.43832	4.62708	8.2298	1.58099	1
cg09176539	C4O4040;C4O4040	0.0305423	0.0272044	3.56037	3.56037	0.748306	0.85504	-1.16554	0.217133	1.88076	1.88076	0.640803	1.25682	1.25682	0.126664	0.847669	-1.2338	0.283938	1.7193	1.7193	0.0457849	0.593655	-2.58899	0.0238655	0.98933	0.98933	0.958624	1.82923	1.82923	4.05616	15.3015	3.33134	1
cg47528189	C4O4040;C4O4040	0.0333216	0.07468545	0.594804	-1.68123	0.513281	0.840735	-1.18944	0.0664643	0.583597	-1.71351	0.230407	0.719444	-1.38996	0.0241246	0.206393	-4.06393	0.579229	0.86367	-1.15785	0.00406874	0.364557	-2.74305	0.368379	0.785248	-1.27348	0.2902	0.75129	-1.33119	0.396311	4.26846	0.963895	1
cg13814349	C4O4040;C4O4040	0.00077127	0.773187	0.949269	-1.05344	0.714626	0.935978	-1.0684	0.232537	0.798074	-1.25302	0.352828	0.841772	-1.18797	2.74E-05	0.22533	-4.43794	0.809151	0.957343	-1.04456	0.0031117	0.207217	2.07217	0.0197853	0.602291	-1.66033	0.00913545	0.550686	-1.81592	12.6619	6.50924	0.45696	1
cg01480447	C4O4040;C4O4040	0.0147813	0.0571636	1.55035	1.55035	0.0781294	1.45424	-1.21351	0.0855176	1.46709	1.46709	0.0155705	1.53123	1.53123	0.0145048	0.653171	-1.53092	0.179815	1.68622	1.68622	0.0125725	0.416194	-2.4034	0.0160369	1.75249	1.75249	0.0814085	1.67762	1.67762	8.30114	9.43242	1.01003	1
cg03385530	C4O4033;LOC440335	7.98E-05	0.00522808	0.32782	-3.05045	0.959775	0.176057	1.17605	0.000329679	0.17284	-5.78569	0.000469089	0.189317	-5.28215	7.41E-05	0.113085	-8.8429	0.00054455	0.196564	-5.08741	1.19E-05	0.0604789	-16.5347	0.528651	1.23157	1.23157	0.00068984	2.024	4.79848	23.5177	34.133	1.29011	1
cg02115252	C4O4035;LOC404035;LOC404035	0.0324551	0.469355	0.849705	-1.17705	0.784433	0.913535	1.09538	0.0758478	0.846164	-1.18165	0.0146818	1.14683	1.14683	0.316616	0.767353	-1.30303	0.188184	1.80591	1.80591	0.0052166	0.564841	1.77025	1.24417	0.431475	1.09112	0.0131504	0.675167	-1.48104	0.788818	2.5683	3.38037	1
cg06836020	C4O4035;LOC595101	0.0207387	0.0478022	0.705471	-1.41749	0.384031	0.871438	-1.14753	0.163818	0.797448	-1.254	0.045116	0.701577	-1.42536	0.00450449	0.557821	-1.79269	0.0579852	0.718637	-1.39152	0.214217	1.22337	1.22337	0.00667653	0.581257	-1.72041	0.0350665	0.684838	1.4602	4.64684	1.74931	0.334624	1
cg06946850	C4O4036;LOC440356	0.0111098	0.00237057	0.163845	-6.10334	0.434666	0.711647	-1.40519	0.0170069	0.288832	-3.46222	0.897533	1.05652	1.05652	0.575181	0.678358	-1.47415	0.0228896	0.91294	-1.1955	0.00099703	0.124164	-8.05385	0.642524	0.819152	-1.22077	0.097229	0.459911	-2.17433	5.71419	16.4819	2.56389	1
cg03397234	C4O4056;LOC404056;CDIPT	0.0129046	0.766472	1.03183	0.0173054	0.164633	0.964303	-1.16056	0.0323627	0.710777	-1.40434	0.228838	0.859482	-1.16349	0.000196588	0.502996	-1.98807	0.888815	1.01691	1.01691	0.0013504	0.572247	-1.7475	0.379881	0.897619	-1.11406	0.00777081	0.663752	-1.50659	13.2611	5.69873	0.582443	1
cg10431361	C4O4061	0.000180343	0.0277638	1.35837	1.35837	0.000356271	0.509218	-1.9638	0.000312749	0.50249	-1.99009	0.125385	0.822587	-1.21568	0.00213613	0.602668	-1.65929	0.0216576	0.602421	-1.65997	0.248498	1.15262	1.15262	0.000328691	0.24092	2.04692	0.758106	0.964281	-1.03704	18.8933	4.14856	0.195181	1
cg04147392	C4O4061	0.00460461	0.08705	0.738568	-1.35378	0.0155509	0.646101	-1.55858	0.0827898	0.784817	-1.33366	0.81222	1.05626	1.05626	0.0107238	0.722383	-1.38507	0.0118876	0.626096	-1.5975	0.00357899	0.274528	-3.64252	0.0663344	1.32408	1.32408	0.0663342	1.70217	1.70217	15.2212	9.3855	0.615254	1
cg16765006	C4O4061	0.000401467	0.349075	0.848421	-1.17866	0.0434689	0.559339	-1.52453	0.583402	0.909708	-1.09925	0.335375	0.843887	-1.18499	0.12896	0.755537	-1.32356	0.99775	1.00048	1.00048	0.0203439	0.444676	-2.24883	1.54E-05	4.60888	4.60888	0.0138116	0.742663	-1.34655	15.1849	7.02083	0.410384	1
cg05288475	C4O4061	0.00153203	0.0889378	0.771451	-1.29626	0.000696279	0.0452	2.0452	0.037887	1.39509	1.39509	0.0949685	1.28888	1.28888	0.607997	0.930945	-1.07418	0.00674477	1.62545	1.62545	0.00135945	0.525635	-1.90246	0.0147136	1.51478	1.51478	0.125626	1.25764	1.25764	10.416	3.15561	0.269295	1
cg06639622	C4O4061	0.00275652	0.637231	0.87145	-1.14743	0.0362194	0.796196	-1.25596	0.0238161	0.695616	-1.43825	0.130117	1.25682	1.25682	0.0106238	0.744904	-1.34225	0.0007113	2.66817	2.66817	0.0134255	0.844727	-1.18409	0.0074031	1.6138	1.6138	0.0008906	2.09132	2.09132	8.75755	8.18794	0.62679	1
cg20645729	C4O4061	0.00360485	0.889778	0.946752	-1.05624	0.0296323	0.74669	-1.74669	0.109059	0.501787	-1.99288	0.952353	0.976698	-1.02386	0.630923	0.826119	-1.21048	0.594588	0.88091	-1.13611	0.0258358	0.351958	-2.84125	0.0001721	14.122	14.122	0.75957	0.885916	-1.12877	0.10186	19.981	2.1922	1
cg08057277	C4O4061	0.00360482	0.2804681	0.850225	-1.17611	0.0350665	0.624565	-1.60165	0.133154	0.742996	-1.34596	0.0135314	1.42996	1.42996	0.0178751	0.699258	-1.43017	0.724346	0.902704	1.10784	0.0178751	0.699258	-1.43017	0.724346	0.902704	1.10784	0.0178751	0.699258	-1.43017	0.724346	0.902704	1.10784	1
cg13674575	C4O4061	0.00594214	0.24682	0.764598	-1.30788	0.0964125	0.66726	-1.49867	0.915336	1.02385	1.02385	0.0626307	1.591	1.591	0.749561	0.931477	-1.07356	0.0104866	2.04202	2.04202	0.240172	0.761419	-1.31334	0.00037407	3.52919	3.52919	0.0998973	1.49125	1.49125	5.95994	5.41492	0.691566	1
cg01801983	C4O4061	0.0210383	0.532018	1.34217	1.34217	0.34612	0.752777	-1.32841	0.0055194	0.179344	-5.57588	0.0611558	0.66694	0.66694	0.367474	1.33644	-1.50039	0.642964	0.815563	-1.22635	0.00706923	0.440396	-2.27044	0.64797	0.912074	1.09602	0.0552138	0.84408	-1.18477	0.0206	3.64282	1
cg04778440	C4O4061	0.00184637	0.00704755	2.271151	-1.67443	0.0960027	0.575973	1.97553	0.265382	0.648125	-1.54291	0.685723	1.03407	1.03407	0.0343989	0.597744	-1.51418	0.0260123	2.68357	2.68357	0.0013511	0.315732	-3.01972	0.197616	0.601417	-1.66274	0.59724	12.3757	7.35537	1.96537	1
cg05247809	C4O4061	0.029709	0.126629	0.456544	-2.19037	0.0386497	0.315753	3.31573	0.0414088	0.327545	-3.05301	0.921175	1.04809	1.04809	0.301864	0.601966	-1.66122	0.492561	0.718409	-1.39196	0.681448	0.822133	-1.21635	0.00395191	6.29337	6.29337	0.528945	1.35348	1.35348	4.101	14.6247	3.16989	1
cg13432143	C4O4061	0.0392813	0.226071	0.879604	-1.13664	0.0395554	0.195464	3.19564	0.0412244	0.313607	-3.18827	0.110855	0.61483	0.61483	0.0178271	1.62645	-1.62645	0.179815	1.68622	1.68622	0.0125725	0.416194	-2.4034	0.0160369	1.75249	1.75249	0.0814085	1.67762	1.67762	8.30114	9.43242	1.01003	1
cg03991776	C4O4063	1.06E-05	0.196514	-5.0887	0.491822	0.886427	-1.12812	0.00109369	0.453305	-2.29724	1.83E-06	0.128608	-7.77558	0.51901	0.893255	1.1195	0.763594	1.05236	0.05236	0.426423	1.15053	0.000220105	0.345385	-2.89532	0.00326438	5.003344	1.09863	0.80295	14.5581	0.419745	1
cg13704012	C4O4063	0.000751226	0.000844445	0.593795	-1.68407	0.158439	1.58605	1.26582	0.0126	0.328029	3.04819	0.943613	0.361372	1.15811	0.158311	0.682831	-1.46479	0.839757	-1.19037	0.839757	-1.19037	0.839757	-1.19037	0.839757	-1.19037	0.839757	-1.19037	0.839757	-1.19037	0.839757	-1.19037	0.839757	-1.19037	1
cg09225293	C4O4063	0.00140194	0.427815	1.18381	1.18381	0.30804	0.73872	-1.35369	0.000279006	0.181291	-5.516	0.00500459	0.34409	-2.90621	0.804891	0.73795	-1.37368	0.00971502	0.390777	2.559	0.0229	0.426423	2.34497	0.733143	0.902167	-1.10844	0.000201923	0.166787	-5.99364	10.6853	13.9639	1.16163	1
cg25765192	C4O4063	0.00263443	0.00574845	0.411498	-2.43014	0.0315117	0.216886	2.11686	0.0166	0.0969497	0.639603	-1.56347	0.0460021	0.570664	-1.75234	0.728391	0.918037	-1.08928	0.648066	0.893191	-1.11933	0.103982	0.470487	-2.12727	0.00402709	0.251525	-3.97575	0.00622429	0.416946	-2.39839	0.89371	8.47564	0.347105	1
cg00906794	C4O4063	0.00240563	0.02737115	0.648409	-1.54207	0.0144565	0.0165	-3.0165	0.0888	0.0388557	0.515658	-1.93927	0.0373334	1.02248	0.0241	0.159528	-6.26494	0.0191369	1.43265	1.43265	0.0119761	0.56577	-1.76777	0.0462116	1.38634	1.38634	0.0251727	0.683307	-1.46347	20.0021	6.48022	0.28798	1
cg04301204	C4O4063	0.00216506	0.00347682	0.40174	-2.49374	0.00362139	0.484603	-2.06351	0.0003761	0.423155	-2.36373	0.26067	1.60027	1.60027	0.476714	1.33644	-1.33644	0.0191006	1.51087	1.51087	0.0057908	0.488888	-2.04532	0.0053213	1.88445	1.88445	0.0058758	2.42161	2.42161	4.27267	23.987	2.26162	1
cg22541830	C4O4063	0.00387651	0.00625533	0.429754	-2.32959	0.0053934	0.477444	2.09744	0.0432739	0.58925	-1.69611	0.175577	1.75577	0.329059	0.662175	1.51017	-1.51017	0.0152302	2.48055	2.48055	0.0018492	0.610312	1.63852	1.63852	0.0005627	0.568257	0.0256585	2.59854	2.59854	7.9027	21.0251	2.35764	1
cg26230651	C4O4063	0.00581609	0.0182145	4.27225	4.27225	0.00389441	7.16318	7.16318	0.012438	4.8343	4.8343	0.189953	2.02031	2.02031	0.627819	1.2808	1.2808	0.332961	1.65852	1.65852	0.000575748	13.2797	13.2797	0.00247721	8.4241	8.4241	0.0219307	4.02569	4.02569	7.0061	28.4752	3.61275	1
cg16667164	C4O4086	0.00479892	0.4018843	0.87257	-1.14607	0.0372419	0.844316	1.18434	0.0413743	0.534746	-1.87046	0.641137	1.22028	1.22028	0.0127268	0.727112	-1.37535	0.0247212	2.02361	2.02361	0.0015563	0.641463	-1.55963	0.0070569	1.74034	1.74034	0.0403396	2.44167	2.44167	5.39257	10.3265	2.53193	1
cg16601461	C4O4089	0.0109222	0.175766	1.2948	1.2948	0.0317345	1.5712	1.5712	0.402073	1.16638	1.16638	0.700244	1.07189	1.07189	0.158314	0.762887	-1.31083	0.231826	1.25239	1.25239	0.0933106	0.139275	1.39275	0.000538028	2.62792	2.62792	0.00774137	1.84757	1.84757	5.74564	2.93078	0.453412	1
cg15562557	C4O4089	0.0117022	0.0221768	1.58293	1.58293	0.0918374	1.65426	1.65502	0.0194	1.19846	1.19846	0.0489889	1.31109	1.31109	0.0122022	0.721771	-1.38552	0.0354649	2.16409	2.16409	0.0042122	0.622387	-1.60657	0.0068568	2.25494	2.25494	0.0023511	2.32132	2.32132	6.62074	4.78705	0.721977	1
cg23238840	C4O4089	0.0186397	0.676385	1.10866	1.10866	0.129284	0.668467	-1.49596	0.000471087	0.259207	-3.85792	0.654597	0.895247	-1.11701	0.0438781	0.566006	-1.76677	0.962053	1.03176	1.03176	0.666532	1.11241	1.11241	0.89054	0.96673	-1.03442	0.049399	0.576334	-1.7351	4.81812	0.674704	0.850077	1
cg17029089	C4O4089	0.0214658	0.788176	0.944918	-1.05829	0.483098	0.16261	1.16261	0.233495	0.768896	-1.30057	0.241945	0.77285	-1.29391	0.00321089	0.42906	-2.33068	0.470852	0.85699	-1.16687	0.0137728	1.89764	1.89764	0.0208137	0.55692	-1.79559	0.917921	0.978547	-1.02192	4.59246	3.21942	0.623132	1
cg17784740	C4O4089	0.0145516	0.64217	1.2944	1.2944	0.0786188	2.15154	2.15154	0.0455161	1.64217	1.64217	0.157355	0.622928	-1.60547	0.0216925	0.622928	-1.60547	0.0160089	2.42005	?	?	?	0.00192256	0.561278	-1.78165	2.32E-05	0.327181	-3.05641	0.629698	0.937845	-1.06627	0.0279278	0.709572	-1.4093	15.7488	4.35161	0.245613	1
cg00388071	C4O4089;C8W02	0.00742731	0.330753	1.23987	1.23987	0.0410669	0.484603	2.06351	0.0003761	0.423155	-2.36373	0.26067	1.60027	1.60027	0.476714	1.33644	-1.33644	0.0191006	1.51087	1.51087	0.0057908	0.488888	-2.04532	0.0053213	1.88445	1.88445	0.0058758	2.42161	2.42161	4.27267	23.987	2.26162	1
cg15773338	C4O4089;LIM53-C4O4089	0.0278685	0.0248127	0.717025	-1.40776	0.0280131	0.226664	-1.44183	0.0694076	0.313012	-3.19476	0.0487445	0.276059	-3.62242	0.00261273	0.0922206	-10.8457	0.0012302	2.48055	2.48055	0.0018492	0.610312	1.63852	1.63852	0.0005627	0.568257	0.0256585	2.59854	2.59854	7.9027	21.0251	2.35764	1
cg05932005	C4O4089	0.00616364	0.0182145	4.27225	4.27225	0.00389441	7.16318	7.16318	0.012438	4.8343	4.8343	0.189953	2.02031	2.02031	0.627819	1.2808	1.2808	0.332961	1.65852	1.65852	0.000575748	13.2797	13.2797	0.00247721	8.4241	8.4241	0.0219307	4.02569	4.02569	7.0061	28.4752	3.61275	1
cg16667164	C4O4089	0.00479892	0.4018843	0.87257	-1.14607	0.0372419	0.844316	1.18434	0.0413743	0.534746	-1.87046	0.641137	1.22028	1.22028	0.0127268	0.727112	-1.37535	0.0247212	2.02361	2.02361	0.0015563	0.641463	-1.55963	0.0070569	1.74034	1.74034	0.0403396	2.44167	2.44167	5.39257	10.3265	2.53193	1
cg14470332	C4O4089	0.00414274	0.0306873	0.731538	-1.36698	0.815755	0.02916	0.02916	0.036949	0.742033	-1.34765	0.409421	1.10947	1.10947	0.0077838	0.655509	-1.52321	0.801981	1.03143	1.03143	0.0389128	0.744981	-1.34232	0.859157	1.02211	1.02211	0.0672147	0.776796	-1.28734	3.63577	0.87313	0.213467	1
cg00405960	C4O4090;C4O4090	0.00240155	0.3292771	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12286462	LOC441869;LOC441869	0.0140227	0.838558	1.07078	1.07078	0.00290387	0.253552	-3.94397	0.0396355	0.450382	-2.22034	0.537212	0.811023	-1.23301	0.305359	0.700599	-1.42735	0.0309288	0.42766	-2.33831	0.00239238	0.242018	-4.13192	0.185617	1.60085	1.60085	0.935436	0.973204	-1.02753	5.29706	9.42869	1.58221	1
cg18346412	LOC441897	0.000307834	0.00646689	0.322209	-3.10358	0.0836139	0.541983	-1.84508	0.636839	0.85888	-1.16431	0.448603	0.781126	-1.2802	6.86E-06	0.0411845	-24.281	0.000428846	0.168162	-5.94664	0.242679	1.47862	1.47862	0.0171097	0.394685	-2.53367	0.513184	0.808863	-1.2363	16.3344	26.4713	1.44051	1
cg16966139	LOC441897	0.0217115	0.0899813	0.483611	-2.06778	0.235689	0.616873	-1.62108	0.733142	0.875432	-1.14229	0.0670389	0.450229	-2.22109	0.00483355	0.233866	-4.27596	0.05757	0.433954	-2.30439	0.00244739	0.194223	-5.14871	0.0123392	0.297844	-3.35746	0.304484	0.6614	-1.51194	4.5746	10.9486	2.12743	1
cg24694691	LOC441897	0.0456265	0.799553	1.12436	1.12436	0.158562	0.499433	-2.00227	0.0506313	0.35843	-2.78995	0.639298	0.804563	-1.24291	0.00303342	0.153929	-6.49652	0.0930679	0.426935	-2.34228	0.180389	0.519296	-1.92568	0.0162797	0.258359	-3.87058	0.145683	0.486933	-2.05367	3.50731	11.7878	2.9875	1
cg02278111	LOC442245	0.000441979	0.0245146	0.567705	-1.76148	0.00334942	0.430156	-2.32474	0.00354061	0.433712	-2.30568	0.519121	0.871004	-1.1481	0.000135533	0.247558	-4.03946	0.999919	0.999979	-1.00002	3.01E-05	0.178159	-5.61297	0.692313	0.919387	-1.08768	0.00571372	0.464962	-2.15071	14.7871	10.4578	0.628645	1
cg10369319	LOC442245	0.00224327	0.378331	0.797194	-1.2544	0.437402	0.819837	-1.21975	0.0130492	0.461973	-2.16463	0.846941	1.04965	1.04965	5.13E-05	0.149356	-6.69542	0.0662004	0.59647	-1.67653	0.00318444	0.364218	-2.74561	0.602739	0.876627	-1.14074	0.022722	0.504695	-1.98139	9.32398	9.28574	0.885243	1
cg02139796	LOC442245	0.0169975	0.189102	1.08064	1.08064	0.625371	1.02781	1.02781	0.000618908	0.745497	-1.34139	0.859158	1.00995	1.00995	0.02876	0.866084	-1.15462	0.761629	0.983183	-1.0171	0.605763	1.02945	1.02945	0.0678209	0.892232	-1.12078	0.491751	0.961822	-1.03969	4.96973	0.244584	0.0437465	1
cg17744605	LOC442245	0.0228115	0.151315	0.807239	-1.23879	0.888816	0.980707	-1.01967	0.22737	0.838207	-1.19302	0.409758	0.889224	-1.12458	0.998615	0.999758	-1.00024	0.207563	0.831038	-1.20331	0.00181021	1.85477	1.85477	0.0163678	0.664524	-1.50484	0.77175	1.04134	1.04134	4.49759	1.38159	0.273052	1
cg11531232	LOC442293	0.0101959	0.0272964	3.28042	3.28042	0.00382994	5.88938	5.88938	0.0901574	2.33838	2.33838	0.0417782	2.90766	2.90766	0.0316049	3.14663	3.14663	0.0180883	3.69081	3.69081	0.00182864	7.4945	7.4945	0.0130453	4.05859	4.05859	0.012284	4.1308	4.1308	5.87404	19.2467	2.91251	1
cg14647335	LOC442308	9.02E-05	0.883838	1.03097	1.03097	0.144052	1.38736	1.38736	0.041453	0.612291	-1.63321	0.800612	1.05421	1.05421	0.000122651	0.247043	-4.04787	0.784218	0.944348	-1.05893	4.95E-06	0.113858	-8.78288	0.000101965	0.237963	-4.20233	0.230921	0.769386	-1.29974	22.7603	15.6875	0.612663	1
cg18200038	LOC442308	0.0086282	0.922263	1.03573	1.03573	0.00486674	0.261099	-3.82996	0.0127969	0.328796	-3.0414	0.11385	0.538598	-1.85667	0.0135873	0.333389	-2.9995	0.0342489	0.411241	-2.43167	0.000801699	0.16198	-6.17359	0.0247298	0.382213	-2.61634	0.110319	0.534735	-1.87008	6.19463	12.695	1.82165	1
cg03001098	LOC442308	0.0430783	0.380756	0.836033	-1.19613	0.049345	1.56337	1.56337	0.162504	0.743029	-1.34584	0.521669	1.13811	1.13811	0.710386	1.07713	1.07713	0.561169	0.889547	-1.12417	0.00227829	0.4274	-2.33973	0.345148	0.82392	-1.21371	0.298484	0.806809	-1.23945	3.58342	2.25192	0.558601	1
cg17548900	LOC442421	0.00441354	0.116011	0.739731	-1.35184	0.418904	0.864364	-1.15692	0.0271808	0.6304	-1.58629	0.121991	1.34422	1.34422	0.00115946	0.430806	-2.32123	0.0164063	0.59594	-1.67802	0.00229357	0.47131	-2.12175	0.0554846	1.46673	1.46673	0.111042	0.736108	-1.3585	7.62244	3.75988	0.438458	1
cg12215790	LOC442421	0.00483677	0.300833	1.11738	1.11738	0.157078	1.16959	1.16959	0.429137	0.919838	-1.08715	0.0619788	1.24305	1.24305	0.180629	0.86315	-1.15855	0.23161	1.1387	1.1387	0.0222909	1.32783	1.32783	0.00010302	2.0368	2.0368	0.355334	1.10344	1.10344	7.41326	1.25827	0.150873	1
cg09794102	LOC442454;LOC550643	0.0138246	0.236396	0.565145	-1.76946	0.865645	1.081	1.081	0.569386	0.767595	-1.30277	0.279871	1.67651	1.67651	0.0349221	0.322825	-3.09765	0.12492	0.465784	-2.14692	0.690412	1.2022	1.2022	0.000982005	9.52607	9.52607	0.0534521	2.74284	2.74284	5.32188	17.8328	2.97852	1
cg15980334	LOC442459	0.000489483	0.0021368	2.58733	2.58733	0.00650932	2.1798	2.1798	0.462257	1.17928	1.17928	0.662057	0.907633	-1.10177	0.0134557	0.509524	-1.96262	0.000276951	3.71151	3.71151	0.000304339	3.64431	3.64431	0.000757451	3.08045	3.08045	0.0534194	1.62169	1.62169	14.375	11.0553	0.683614	1
cg10572354	LOC442459	0.000874761	0.0123377	0.367588	-2.72044	0.0282558	2.29787	2.29787	0.0282804	0.435261	-2.29747	0.698161	1.13334	1.13334	0.20052	0.647717	-1.54388	0.00498615	3.29944	3.29944	0.451213	1.27962	1.27962	8.86E-05	9.53598	9.53598	0.0101365	2.83421	2.83421	12.2205	19.9683	1.45245	1
cg05411132	LOC442459	0.00570216	0.00146347	0.0928764	-10.767	0.42334	0.655087	-1.52651	0.866321	0.916544	-1.09106	0.835381	0.897957	-1.11364	0.0159342	0.217243	-4.60314	0.243036	1.88118	1.88118	0.475481	0.687051	-1.4555	0.0025059	8.77327	8.77327	0.0831263	2.69757	2.69757	7.04891	29.8691	3.76659	1
cg16167088	LOC442459	0.00739992	0.987211	0.99441	-1.00562	0.0274257	2.49052	2.49052	0.238038	0.649025	-1.54077	0.278706	1.48282	1.48282	0.962764	1.01646	1.01646	0.0289693	2.46088	2.46088	0.00112886	5.34504	5.34504	0.00166893	4.81899	4.81899	0.039118	2.30497	2.30497	6.5013	12.5965	1.72225	1
cg03681405	LOC442459	0.00850795	0.317887	0.766311	-1.30495	0.00621068	0.3986	-2.50878	0.00546637	0.389837	-2.56518	0.473111	0.828513	-1.20698	0.00089018	0.27714	-3.60828	0.0206523	0.487462	-2.05144	0.00895856	0.424425	-2.35613	0.913987	0.972529	-1.02825	0.313868	0.764497	-1.30805	6.22218	6.55002	0.935723	1
cg22407879	LOC442459	0.0103143	0.00873876	2.76436	2.76436	0.205059	1.50229	1.50229	0.706337	1.12211	1.12211	0.398323	0.768573	-1.30111	0.0539342	0.513758	-1.94644	0.0384203	2.07534	2.07534	0.00607532	2.97567	2.97567	0.00355746	3.3277	3.3277	0.32375	1.36372	1.36372	5.85233	8.58752	1.30433	1
cg03789606	LOC442459	0.0157532	0.338881	0.618135	-1.61777	0.852618	1.095	1.095	0.15621	0.477019	-2.09635	0.202869	0.518927	-1.92705	0.00958749	0.201811	-4.95513	0.0209646	0.257841	-3.87836	0.00108653	0.0950913	-10.5162	0.421764	1.49251	1.49251	0.0393225	0.312401	-3.20101	5.09726	19.2234	3.35229	1
cg03744357	LOC442459	0.0230942	0.122634	2.68175	2.68175	0.422713	0.616988	-1.62078	0.359926	0.574043	-1.74203	0.414101	0.611205	-1.63611	0.00586644	0.119253	-8.38556	0.119262	0.369	-2.71003	0.00242191	0.082882	-12.0653	0.158591	0.4112	-2.43191	0.079674	0.317593	-3.14868	4.47854	24.6651	4.89546	1
cg21730067	LOC492303;ZNF326;ZNF326	0.0115525	0.940691	0.989853	-1.01025	0.211482	1.19773	1.19773	0.0191105	1.47511	1.47511	0.090623	1.29115	1.29115	0.946929	1.00917	1.00917	0.8061	1.03428	1.03428	0.0012027	0.521956	-1.91587	0.0587319	0.746287	-1.33997	0.119701	0.793417	-1.26037	5.64255	1.67888	0.264479	1
cg16695835	LOC492303;ZNF326;ZNF326	0.0450973	0.0325486	0.39881	-2.50746	0.281208	1.49745	1.49745	0.557286	1.23748	1.23748	0.0200532	0.354841	-2.81817	0.647424	1.17962	1.17962	0.0100452	0.298491	-3.35019	0.425005	1.34031	1.34031	0.306205	1.46475	1.46475	0.654738	0.850892	-1.17524	3.83399	7.63443	1.54875	1
cg22388653	LOC492303;ZNF326;ZNF326;ZNF326;ZNF326	6.96E-06	0.166842	0.691134	-1.4469	0.459892	1.20756	1.20756	0.495219	0.840645	-1.18956	0.146484	1.47796	1.47796	0.632309	1.12843	1.12843	0.000275233	0.224681	-4.45076	6.83E-08	0.0105794	-94.5232	0.881583	0.963327	-1.03807	0.0331649	0.535702	-1.86671	44.5572	44.3349	0.884454	1
cg08037059	LOC492303;ZNF326;ZNF326;ZNF326;ZNF326	0.00966205	0.0218657	0.572044	-1.74812	0.0710455	1.50595	1.50595	0.043694	1.60123	1.60123	0.549403	0.884282	-1.13086	0.756365	0.938769	-1.06522	0.671204	1.09056	1.09056	0.00159277	0.398564	-2.50901	0.215352	1.30313	1.30313	0.040639	1.61593	1.61593	5.97588	3.9012	0.580288	1
cg05711542	LOC492303;ZNF326;ZNF326;ZNF326;ZNF326	0.033239	0.228724	0.753756	-1.32669	0.114633	1.46811	1.46811	0.379658	1.22346	1.22346	0.153802	1.40735	1.40735	0.247012	0.762707	-1.31112	0.553193	0.874382	-1.14367	0.00155855	0.361471	-2.76647	0.894786	0.970824	-1.03005	0.588883	1.12987	1.12987	3.93982	3.1248	0.705008	1
cg19889934	LOC493754	0.00841551	0.373729	1.42161	1.42161	0.712801	0.867238	-1.15309	0.312967	0.668914	-1.49496	0.0382494	0.396444	-2.52242	0.00394307	0.224442	-4.45549	0.000438273	0.11763	-8.50122	0.182186	0.579543	-1.7255	0.392306	1.40164	1.40164	0.125964	0.528398	-1.89251	6.24369	14.6782	2.08968	1
cg26091965	LOC493754	0.0204397	0.500164	1.14027	1.14027	0.939502	0.985547	-1.01466	0.0722	0.68055	-1.4694	0.00512537	0.492031	-2.03239	0.00406364	0.477207	-2.09553	0.0149321	0.563228	-1.77548	0.419895	0.853797	-1.17124	0.827505	1.04274	1.04274	0.051471	0.653622	-1.52994	4.6699	2.72073	0.517875	1
cg21741858	LOC494141;LOC494141	0.00110773	0.000202166	0.361101	-2.76931	0.0197242	0.631195	-1.5843	0.000742013	0.433042	-2.30924	0.00253807	0.504333	-1.98282	0.0006745	0.427641	-2.33841	0.120046	0.759148	-1.31727	0.179354	0.792117	-1.26244	0.00123669	0.462281	-2.16319	0.047662	0.690696	-1.44781	11.4295	4.83275	0.375851	1
cg05640342	LOC494141;LOC494141;LOC494141	5.33E-05	0.174676	0.813045	-1.22994	2.34E-06	5.19672	5.19672	0.584876	1.08229	1.08229	0.472881	0.900627	-1.11034	0.00907123	1.60862	1.60862	0.392427	0.881964	-1.13383	0.000111403	0.377501	-2.649	0.478107	1.10892	1.10892	0.0310251	0.695614	-1.43758	26.1761	8.52022	0.28933	1
cg12302402	LOC494141;LOC494141;LOC494141	0.000134797	0.0877185	1.38757	1.38757	1.21E-05	4.98127	4.98127	0.754161	0.946869	-1.05611	0.30226	1.20409	1.20409	0.0565701	1.45514	1.45514	0.701186	1.0693	1.0693	3.48E-05	4.01664	4.01664	0.0002469	2.8634	2.8634	0.00163918	2.18953	2.18953	20.4366	9.77555	0.425188	1
cg13520342	LOC494141;LOC494141;LOC494141	0.000431704	0.00080321	1.81919	1.81919	0.00503265	1.55095	1.55095	0.00997019	1.4695	1.4695	0.0370288	1.33169	1.33169	0.00206265	1.67085	1.67085	0.223567	0.859626	-1.1633	1.84E-05	2.80859	2.80859	0.0075993	1.5009	1.5009	0.0262432	1.36596	1.36596	14.8835	3.29817	0.196976	1
cg05756029	LOC494141;LOC494141;LOC494141	0.000573809	0.0048249	4.34606	4.34606	9.89E-05	15.1223	15.1223	0.070656	2.21178	2.21178	0.0603312	2.29892	2.29892	0.00586413	4.12542	4.12542	0.273743	0.639186	-1.56449	0.000135667	13.4075	13.4075	0.00094999	6.92986	6.92986	0.0253764	2.84139	2.84139	13.7539	33.6369	2.17389	1
cg09511963	LOC494141;LOC494141;LOC494141	0.00135565	0.137015	1.50582	1.50582	0.00206887	3.02976	3.02976	0.439492	0.817512	-1.22322	0.011768	2.2346	2.2346	0.60231	0.874281	-1.1438	0.943939	0.982188	-1.01813	6.13E-05	6.61767	6.61767	0.0107538	2.26824	2.26824	0.00932141	2.323	2.323	10.7887	11.1592	0.919418	1
cg01012559	LOC494141;LOC494141;LOC494141	0.00219426	0.206261	1.48515	1.48515	0.018373	2.33685	2.33685	0.000330761	0.17916	-5.5816	0.186226	1.51551	1.51551	0.00992921	2.62796	2.62796	0.369611	0.76082	-1.31437	0.0207541	2.28401	2.28401	0.0113689	2.56015	2.56015	0.251854	1.42637	1.42637	9.38446	13.0816	1.23908	1
cg26558664	LOC494141;LOC494141;LOC494141	0.00753458	0.0896159	0.655273	-1.52608	0.0629598	1.60402	1.60402	0.450492	1.18967	1.18967	0.329838	0.796806	-1.25501	0.0671231	1.58964	1.58964	0.00440205	0.423675	-2.3603	0.00153276	2.80089	2.80089	0.309464	1.26817	1.26817	0.714549	1.08651	1.08651	6.46468	5.22395	0.718289	1
cg04651240	LOC494141;LOC494141;LOC494141	0.0274053	0.204287	0.609099	-1.64177	0.21577	0.617459	-1.61954	0.172556	0.584344	-1.71132	0.0518714	0.440998	-2.26758	0.00135987	0.178913	-5.5893	0.425493	0.739949	-1.35144	0.00646531	0.269723	-3.70751	0.635573	0.838055	-1.19324	0.0652941	0.464971	-2.15067	4.21953	9.15285	1.92814	1
cg02526277	LOC494141;LOC494141;LOC494141	0.0284825	0.381604	1.40521	1.40521	0.239366	1.59534	1.59534	0.0827904	2.07147	2.07147	0.0628543	2.21093	2.21093	0.177831	1.72087	1.72087	0.0310645	2.6104	2.6104	0.0010284	6.32228	6.32228	0.027562	2.68541	2.68541	0.10148	1.97337	1.97337	4.16263	9.47457	2.0232	1
cg10940997	LOC494141;LOC494141;LOC494141	0.0373886	0.641823	0.914684	-1.09327	0.714141	1.07255	1.07255	0.678483	1.08259	1.08259	0.533562	0.886888	-1.12754	0.892195	1.02615	1.02615	0.000801752	0.381629	-2.62035	0.255572	1.25351	1.25351	0.330384	1.2107	1.2107	0.461764	0.867082	-1.15329	3.77545	2.16695	0.510184	1
cg09701880	LOC541471;LOC541471	0.00526108	0.0233628	0.0955121	-10.4699	0.189643	3.2461	3.2461	0.0925717	0.201008	-4.97492	0.00333721	0.0313478	-31.9001	0.000763719	0.0120367	-83.0791	0.716142	0.72867	-1.37236	0.00253803	0.0264809	-37.7631	0.21206	0.320008	-3.12492	0.113059	0.22427	-4.45891	7.22528	85.9768	10.5773	1
cg22077265	LOC541473	0.0199042	0.828171	0.954091	-1.04812	0.36183	1.22465	1.22465	0.00433961	2.27991	2.27991	0.771426	0.938962	-1.06501	0.00892497	0.487118	-2.05289	0.0795932	0.656607	-1.52298	0.347401	1.23267	1.23267	0.0543804	1.60313	1.60313	0.965473	0.990685	-1.0094	4.71224	3.48865	0.658078	1
cg26313888	LOC541473	0.0276573	0.0727025	1.82645	1.82645	0.019401	2.34053	2.34053	0.0136278	2.50455	2.50455	0.941507	1.02232	1.02232	0.106117	1.70054	1.70054	0.649318	0.871338	-1.14766	0.0164751	2.41475	2.41475	0.00522227	3.03019	3.03019	0.291478	1.39001	1.39001	4.20598	6.02922	1.27421	1
cg14990857	LOC541473	0.0437625	0.0234579	0.290945	-3.43708	0.922467	0.956569	-1.0454	0.0727236	0.401254	-2.49218	0.358476	0.650063	-1.53831	0.028505	0.307612	-3.25085	0.463755	0.711669	-1.40515	0.0048801	0.182349	-5.484	0.0448611	0.349886	-2.85807	0.04587	0.352097	-2.84012	3.56245	11.7376	2.92873	1
cg26698623	LOC550112	0.000163839	0.0114845	0.520004	-1.92306	0.344602	0.817655	-1.22301	0.721216	1.07691	1.07691	0.665724	1.09405	1.09405	0.00231117	0.414648	-2.41169	0.0440755	0.619774	-1.61349	8.33E-06	0.134046	-7.46015	0.0012776	2.64165	2.64165	0.00314014	0.433885	-2.30476	19.3898	13.1328	0.60205	1
cg10592336	LOC550112;UBA6	0.0348319	0.099113	0.763958	-1.30897	0.083473	1.33018	1.33018	0.269105	0.842487	-1.18696	0.10378	0.767271	-1.30332	0.692188	1.06105	1.06105	0.00528324	1.72908	1.72908	0.0687233	0.738304	-1.35446	0.650374	1.07031	1.07031	0.877835	0.977353	-1.02317	3.87387	1.36065	0.31221	1
cg24771094	LOC550112;UBA6	0.0494313	0.199657	0.355009	-2.81683	0.0175342	0.109771	-9.10985	0.0891954	0.238705	-4.18927	0.303489	2.2582	2.2582	0.329422	2.15819	2.15819	0.138745	3.38054	3.38054	?	?	?	0.0810409	4.38617	4.38617	0.28343	2.34377	2.34377	3.45325	28.3981	8.22359	1
cg00997174	LOC550643	0.0408935	0.110562	0.759156	-1.31725	0.056806	0.710611	-1.40724	0.0144542	0.620259	-1.61223	0.0261891	0.65836	-1.51893	0.05511	0.708494	-1.41144	0.128807	0.770961	-1.29708	0.0855843	1.35139	1.35139	0.857195	1.02896	1.02896	0.945137	1.01097	1.01097	3.65325	1.453	0.353536	1
cg04707531	LOC552889	0.0127601	0.00810488	0.236764	-4.22361	?	?	?	0.00322562	0.177903	-5.62103	?	?	?	?	?	?	?	?	?	0.66786	0.838278	-1.19292	0.220479	1.69896	1.69896	0.601744	0.806314	-1.24021	6.82617	9.80143	2.0102	1
cg18233411	LOC552889;LOC552889	0.0151114	0.0108783	0.197738	-5.05719	0.0188542	0.236443	-4.22935	0.153113	0.46045	-2.17179	0.489311	0.700438	-1.42768	0.018346	0.234376	-4.26664	0.204827	0.50753	-1.97033	0.000888281	0.0801356	-12.4788	0.578088	0.752154	-1.32952	0.028783	0.270578	-3.69579	5.16803	21.0335	3.61771	1
cg23311950	LOC552889;LOC552889	0.0393872	0.48792	0.824471	-1.2129	0.766291	1.08507	1.08507	0.0172931	2.21261	2.21261	0.50408	1.20405	1.20405	0.0512611	1.83665	1.83665	0.601682	0.865671	-1.15517	0.116068	0.626379	-1.59648	0.00991558	0.40972	-2.44069	0.986871	1.00452	1.00452	3.70412	4.40108	1.05614	1
cg02833386	LOC553137	7.01E-06	0.25838	0.892762	-1.12012	0.71217	0.964983	-1.03629	0.509484	1.06648	1.06648	0.662816	1.0431	1.0431	0.549145	0.943364	-1.06004	0.000185757	0.544929	-1.8351	6.60E-08	0.173189	-5.77404	0.00497837	0.699362	-1.42987	0.0364473	0.791458	-1.26349	44.4755	6.51712	0.130251	1
cg13401608	LOC553137	0.0014249	0.127247	0.758047	-1.31918	0.46717	0.883143	-1.13232	0.00893245	0.571973	-1.74833	0.308937	1.19347	1.19347	0.514037	1.11756	1.11756	0.317077	1.18972	1.18972	2.28E-05	0.240597	-4.15632	0.353264	0.85178	-1.17401	0.264573	0.822582	-1.21568	10.6355	4.75199	0.397159	1
cg00600617	LOC553137	0.0434364	0.10645	1.74364	1.74364	0.0297869	0.446407	-2.24011	0.083202	0.546132	-1.83106	0.575833	1.19515	1.19515	0.0251379	0.431704	-2.3164	0.138127	1.65456	1.65456	0.992547	1.00295	1.00295	0.374931	1.33271	1.33271	0.107665	1.7397	1.7397	3.5724	5.62789	1.40034	1
cg05146756	LOC554202	0.000574653	0.000915087	0.229555	-4.35625	0.0223269	0.443506	-2.25476	0.260617	0.705803	-1.41683	0.479688	1.23784	1.23784	0.000184049	0.153082	-6.53246	0.00181647	0.268083	-3.73018	0.00164256	0.262201	-3.81387	0.00530961	2.97701	2.97701	0.142003	0.625751	-1.59808	13.7483	19.2009	1.24143	1
cg05226283	LOC554202	0.00410437	0.00166971	0.292714	-3.41631	0.816615	0.938493	-1.06554	0.624184	1.14447	1.14447	0.449349	1.2345	1.2345	0.00149617	0.286219	-3.49383	0.228662	0.708039	-1.41235	0.00182575	0.298063	-3.355	0.149219	1.52601	1.52601	0.0452319	0.533769	-1.87347	7.79172	9.21565	1.05133	1
cg14244887	LOC554202	0.00796053	0.782662	1.10464	1.10464	0.256345	1.53172	1.53172	0.791846	1.09987	1.09987	0.278929	1.49951	1.49951	0.405845	0.736349	-1.35805	0.931516	1.03142	1.03142	0.114206	1.85588	1.85588	9.56E-05	12.1751	12.1751	0.218178	1.59386	1.59386	6.35403	13.0338	1.82335	1
cg04562662	LOC554203	1.29E-05	0.575778	0.908624	-1.10056	0.106398	1.34831	1.34831	0.00698843	0.553592	-1.80638	0.204354	1.25487	1.25487	1.22E-05	0.209241	-4.77917	0.0620724	1.4277	1.4277	1.37E-06	0.123566	-8.09282	1.89E-05	0.228936	-4.36803	0.00451599	0.526529	-1.89923	37.9808	17.282	0.404462	1
cg05836475	LOC554203	3.82E-05	0.364182	1.34869	1.34869	1.17E-05	0.05098	-19.6155	0.00102968	0.210106	-4.75951	0.00221193	0.252637	-3.95825	9.71E-05	0.108286	-9.23482	0.00262889	0.262945	-3.80308	4.25E-05	0.0823506	-12.1432	2.17E-05	0.0646756	-15.4618	0.000406147	0.164856	-6.0659	28.5878	46.5925	1.44871	1
cg23949599	LOC554203	9.87E-05	0.0024306	0.631597	-1.58329	0.491798	1.07898	1.07898	0.227103	0.871047	-1.14804	0.0551988	0.789266	-1.267	0.00031259	0.529211	-1.88961	0.426626	1.0924	1.0924	2.32E-06	0.285627	-3.50107	0.101445	1.2156	1.2156	0.95752	1.00582	1.00582	22.2197	4.17135	0.166873	1
cg24530587	LOC554203	0.000715811	0.0236842	2.2784	2.2784	0.0359896	0.475329	-2.1038	0.000438486	0.183858	-5.43897	0.00206373	0.26632	-3.75488	0.00764073	0.351489	-2.84504	0.0346874	0.472017	-2.11857	0.00527775	0.325842	-3.06898	0.00014216	0.13526	-7.39315	0.25452	0.695759	-1.43728	12.9297	19.0366	1.30872	1
cg26944949	LOC554203	0.000883756	0.000276327	0.20532	-4.87045	0.0472493	0.546773	-1.82891	0.28082	1.3473	1.3473	0.272764	0.73819	-1.35466	0.913942	1.02916	1.02916	0.00359593	0.350496	-2.8531	5.14E-05	0.133202	-7.50741	0.716699	0.907636	-1.10176	0.262146	0.732759	-1.3647	12.1852	13.6482	0.995607	1
cg09803537	LOC554203	0.0155611	0.00686378	2.56704	2.56704	0.701638	0.901526	-1.10923	0.0123533	2.31376	2.31376	0.936103	1.02183	1.02183	0.0175931	0.459364	-2.17692	0.0533337	1.80601	1.80601	0.483785	0.825602	-1.21124	0.206906	0.698748	-1.43113	0.114424	1.58788	1.58788	5.11806	5.8788	1.02101	1
cg05718253	LOC55908;DOCK6	0.0161445	0.0648936	0.659528	-1.51624	0.655337	0.913744	-1.0944	0.00103601	0.376989	-2.6526	0.0278299	0.593346	-1.68536	0.0123246	0.534871	-1.86961	0.572159	1.12143	1.12143	0.292116	0.802949	-1.24541	0.0220503	0.576196	-1.73552	0.108261	0.70342	-1.42163	5.05585	3.22805	0.567537	1
cg18454863	LOC572558;PGM5	0.000277694	0.00346309	2.76836	2.76836	0.540692	1.17222	1.17222	0.0872422	1.6233	1.6233	0.163326	0.682683	-1.46481	0.017063	0.474206	-2.10879	0.000352982	0.229326	-4.36061	0.0318203	0.52438	-1.90701	0.000111831	5.71179	5.71179	0.00644356	0.402918	-2.4819	16.8014	17.5166	0.926729	1
cg21579854	LOC572558;PGM5	0.000820169	0.901534	0.971769	-1.02905	2.13E-05	0.137984	-7.24724	0.000523517	0.28626	-3.49332	0.0270354	0.545706	-1.83249	0.0295161	0.552681	-1.80936	0.0556948	0.605551	-1.65139	0.00643261	0.440438	-2.27047	0.350664	0.800715	-1.24888	0.0815054	0.639719	-1.56319	12.4445	10.5504	0.753591	1
cg04898939	LOC595101	0.00183968	0.000440553	0.0817018	-12.2396	0.00982685	0.229316	-4.36079	0.0474465	0.35943	-2.78218	0.00426744	0.178127	-5.61397	0.000595902	0.0914975	-10.9293	0.0468719	0.358205	-2.79169	0.00136404	0.122803	-8.14314	0.00407146	0.175532	-5.69696	0.0245921	0.298777	-3.34697	9.87907	31.8584	2.86652	1
cg07690692	LOC595101	0.00709418	0.580895	0.942874	-1.06059	0.000598917	0.571991	-1.74828	0.0317602	0.766791	-1.30414	0.0806502	0.815153	-1.22676	0.371272	1.10169	1.10169	0.12408	1.19206	1.19206	0.0731444	0.809921	-1.23469	0.0655141	0.804077	-1.24366	0.051842	1.2629	1.2629	6.5876	1.16103	0.156662	1
cg03267151	LOC595101	0.0194708	0.0300659	0.478686	-2.08905	0.0223459	2.20431	2.20431	0.603713	0.859671	-1.16324	0.243728	1.42216	1.42216	0.0105354	0.394859	-2.53255	0.178703	1.51063	1.51063	0.0804661	0.571302	-1.75039	0.753623	0.913095	-1.09518	0.0374267	0.49792	-2.00836	4.74757	6.26896	1.17374	1
cg06866416	LOC595101	0.0418244	0.208949	0.791048	-1.26415	0.625188	1.09104	1.09104	0.0125608	1.73215	1.73215	0.279564	0.819596	-1.22011	0.139846	0.754925	-1.32463	0.891648	0.976168	-1.02441	0.00857135	0.552421	-1.81021	0.311989	1.20334	1.20334	0.708698	1.06867	1.06867	3.62295	1.79711	0.440921	1
cg13904877	LOC619207	0.000106083	0.0204945	0.590096	-1.69464	0.000612831	0.369009	-2.70996	3.49E-05	0.220703	-4.53097	0.533693	1.12647	1.12647	2.34E-05	0.202526	-4.93763	0.173622	1.31457	1.31457	0.000385143	0.34293	-2.91604	0.497306	1.13904	1.13904	0.0054404	0.501106	-1.99558	21.7934	12.3199	0.502492	1
cg17796960	LOC619207	0.000109671	0.00455958	0.381451	-2.62157	7.55E-05	0.160095	-6.24629	0.227736	1.3813	1.3813	0.00345531	0.363168	-2.75355	0.000503869	0.249771	-4.00432	0.00583299	0.398133	-2.51173	8.96E-05	0.167245	-5.97924	0.00322707	2.78752	2.78752	0.0650451	1.69638	1.69638	21.6001	22.2653	0.916263	1
cg20229800	LOC619207	0.000128207	0.00269282	2.6288	2.6288	0.0883538	0.645174	-1.54997	0.396746	1.22416	1.22416	0.554698	1.14943	1.14943	0.000205828	0.234771	-4.25947	0.336603	0.793807	-1.25975	0.000391153	0.267881	-3.733	6.49E-05	5.52794	5.52794	0.0101973	2.12764	2.12764	20.7138	17.8209	0.764747	1
cg13520532	LOC619207	0.000173831	0.411643	1.24803	1.24803	0.000403915	4.41225	4.41225	0.488558	0.830518	-1.20407	0.00393773	0.359229	-2.78374	0.979853	0.993358	-1.00669	0.000444351	0.231525	-4.3192	4.82E-05	7.52629	7.52629	0.0269608	1.99646	1.99646	0.0389097	1.8795	1.8795	19.0821	21.052	0.980649	1
cg10320160	LOC619207	0.000173882	0.000219859	0.302086	-3.31031	4.61E-05	0.22402	-4.4639	0.0437576	0.637255	-1.56923	0.0062901	1.99749	1.99749	0.0003283	0.323695	-3.08933	0.0123476	1.83234	1.83234	0.0539848	0.653618	-1.52995	0.832669	0.959705	-1.04199	0.151646	0.741839	-1.348	19.0806	11.4199	0.532008	1
cg24349830	LOC619207	0.000243496	0.00013864	0.185329	-5.3958	0.150078	0.673721	-1.48429	0.00102522	0.28772	-3.4756	0.936374	0.979771	-1.02065	1.75E-05	0.105403	-9.48736	0.812147	0.940878	-1.06284	0.000321992	0.225475	-4.43509	0.0342647	0.531407	-1.8818	0.057082	0.576342	-1.73508	17.4146	18.0713	0.92241	1
cg24481506	LOC619207	0.000346483	0.561262	0.878084	-1.13884	0.000167998	0.24232	-4.12678	0.013766	0.509674	-1.96204	0.00620946	0.454004	-2.20262	2.48E-05	0.156354	-6.39574	0.653036	1.10534	1.10534	0.0391292	1.69617	1.69617	0.495469	1.16554	1.16554	0.617659	0.894597	-1.11782	15.8131	12.2678	0.689603	1
cg19623624	LOC619207	0.000446724	0.0149857	4.25884	4.25884	0.00395761	0.152951	-6.53805	0.0759741	2.60319	2.60319	0.472636	0.701937	-1.42463	0.000837807	0.087627	-11.412	0.858665	0.917267	-1.09019	0.00922528	0.201658	-4.95889	0.00017147	22.0586	22.0586	0.0270963	3.55234	3.55234	14.7435	54.8085	3.30441	1
cg12120360	LOC619207	0.000617585	0.743033	0.926422	-1.07942	0.0561651	0.605039	-1.65278	0.000523169	0.284758	-3.51175	0.00140631	0.341525	-2.92805	0.0269792	0.544187	-1.8376	1.96E-05	0.133901	-7.46818	0.283866	0.772094	-1.29518	0.0406432	0.577453	-1.73174	0.0114866	0.479708	-2.0846	13.4748	11.5178	0.759788	1
cg09216143	LOC619207	0.000818998	0.0731663	1.66089	1.66089	0.00793592	0.421344	-2.37336	0.0495571	0.56616	-1.76629	0.357221	1.27177	1.27177	6.27E-05	0.153839	-6.50031	0.000599301	0.260695	-3.83589	0.0789391	0.60938	-1.64101	0.202266	1.40751	1.40751	0.177457	0.694954	-1.43894	12.4496	12.7105	0.907521	1
cg13530320	LOC619207	0.00101876	0.309067	0.84341	-1.18566	1.39E-05	0.230669	-4.33522	0.530164	0.902237	-1.10836	0.0141596	0.6128	-1.63185	0.0428535	0.685867	-1.45801	0.0112526	0.598282	-1.67145	0.327527	1.17764	1.17764	0.255693	0.825342	-1.21162	0.690387	0.937281	-1.06692	11.7047	4.8515	0.368438	1
cg19904058	LOC619207	0.00157243	0.0148399	7.19305	7.19305	0.170598	0.382629	-2.6135	0.126424	2.96983	2.96983	0.576805	0.689932	-1.44942	0.000739954	0.034267	-29.1826	0.332048	0.517463	-1.93251	0.0585153	0.244843	-4.08425	0.000813663	27.7621	27.7621	0.0226858	6.02492	6.02492	10.3382	70.9651	6.10168	1
cg08495239	LOC619207	0.00161681	0.00963178	2.3928	2.3928	0.166512	1.48109	1.48109	0.535152	1.18202	1.18202	0.240994	1.38656	1.38656	0.000476699	0.232164	-4.30729	0.281628	0.742349	-1.34708	0.365204	0.78057	-1.28111	0.000757278	3.89419	3.89419	0.0214523	2.08698	2.08698	10.2554	11.5153	0.998085	1
cg07133760	LOC619207	0.00216334	0.000786898	0.125023	-7.99854	0.0421911	0.383316	-2.60882	0.0367008	0.369946	-2.7031	0.952523	1.02469	1.02469	0.00381644	0.202271	-4.94387	0.113482	0.493812	-2.02506	0.000123872	0.0644406	-15.5182	0.0238463	0.331291	-3.01849	0.0544089	0.408936	-2.44537	9.42348	25.0511	2.363	1
cg12490815	LOC619207	0.00221193	0.58171	0.866107	-1.15459	0.00185834	0.319501	-3.12988	0.0633941	0.583133	-1.71488	0.0591016	1.7343	1.7343	0.00642883	0.400218	-2.49864	0.11693	0.644013	-1.55276	0.000349637	0.226506	-4.41489	0.060319	1.72863	1.72863	0.936934	1.02066	1.02066	9.36246	9.89738	0.939675	1
cg00650795	LOC619207	0.00252731	0.775152	0.94686	-1.05612	0.180833	1.31115	1.31115	0.134161	0.734932	-1.36067	0.0350006	0.626005	-1.59743	0.000121581	0.278178	-3.59481	0.976773	1.00557	1.00557	0.00682708	1.95059	1.95059	0.485626	0.873638	-1.14464	0.063427	0.671687	-1.48879	9.0032	5.18348	0.511766	1
cg02616786	LOC619207	0.00317091	0.914689	0.960498	-1.04113	0.00285457	0.213515	-4.68351	0.0206677	2.85217	2.85217	0.0766509	0.476803	-2.0973	0.315158	0.676621	-1.47793	0.515243	0.780232	-1.28167	0.000886585	0.153622	-6.50946	0.016384	3.0146	3.0146	0.151232	1.78324	1.78324	8.41831	18.8605	1.99148	1
cg26418881	LOC619207	0.00953905	0.481438	0.790285	-1.26537	0.0112728	2.84066	2.84066	0.698993	1.13633	1.13633	0.0492368	0.477932	-2.09235	0.0212089	0.402043	-2.48729	0.988685	0.995346	-1.00468	0.00221364	0.24403	-4.09786	0.1947	1.5702	1.5702	0.0516116	0.482551	-2.07232	6.00034	10.2811	1.52303	1
cg12723829	LOC619207	0.0141205	0.526982	0.868811	-1.151	0.00746268	2.12932	2.12932	0.267074	0.775946	-1.28875	0.0996897	1.48565	1.48565	0.0333394	0.579477	-1.72569	0.978211	1.00601	1.00601	0.0541397	0.619077	-1.61531	0.236614	1.31266	1.31266	0.00816073	0.475779	-2.10182	5.28497	4.02894	0.677635	1
cg23803225	LOC619207	0.0171716	0.0541318	0.458137	-2.18275	0.00174907	0.203275	-4.91945	0.0139358	0.337999	-2.95859	0.437209	0.753495	-1.32715	0.00657907	0.283569	-3.52648	0.884544	0.949433	-1.05326	0.658463	1.17219	1.17219	0.0387655	0.425435	-2.35054	0.346132	0.707167	-1.41409	4.95281	10.0042	1.79547	1
cg15057735	LOC619207	0.0339938	0.406259	0.613919	-1.62888	0.00424309	0.111045	-9.00538	0.0734338	0.317845	-3.14619	0.54219	1.42518	1.42518	0.040463	0.256932	-3.89208	0.337685	0.566896	-1.76399	0.00572084	0.124862	-8.00887	0.971901	0.979977	-1.02043	0.194363	0.454569	-2.19988	3.9081	20.4104	4.64231	1
cg07719695	LOC619207	0.0373753	0.477039	1.34593	1.34593	0.0129255	0.281407	-3.55357	0.00289369	0.185833	-5.38118	0.0742292	0.441575	-2.26462	0.0698417	0.434734	-2.30026	0.35884	0.678621	-1.47358	0.0666444	0.42955	-2.32802	0.338081	0.666454	-1.50048	0.291829	0.637995	-1.56741	3.77594	10.0973	2.37699	1
cg00282877	LOC619207	0.0467476	0.036209	0.24039	-4.15991	0.00470935	0.111016	-9.00774	0.0364776	0.241037	-4.14873	0.613864	0.742463	-1.34687	0.0669922	0.300676	-3.32583	0.165373	0.420624	-2.37742	0.0139503	0.16909	-5.91402	0.393998	0.599889	-1.66697	0.298732	0.53238	-1.87836	3.47546	18.8555	4.82252	1
cg27656286	LOC641367;ZNF100	0.00394063	0.569067	1.08067	1.08067	0.199669	0.833056	-1.2004	0.0264587	0.701372	-1.42578	0.385806	0.887052	-1.12733	0.947234	1.00896	1.00896	0.0460534	1.36095	1.36095	0.000116995	2.48345	2.48345	0.868723	0.977948	-1.02255	0.597813	0.930748	-1.0744	7.88795	2.27024	0.255832	1
cg04357685	LOC641367;ZNF100	0.00696304	0.931399	1.01294	1.01294	0.55419	0.91451	-1.09348	0.374512	0.872714	-1.14585	0.181462	1.236	1.236	0.3343	1.16036	1.16036	0.665436	1.06714	1.06714	0.00184218	1.93596	1.93596	0.000321418	2.38549	2.38549	0.164773	1.24777	1.24777	6.62604	2.34119	0.314072	1
cg25468220	LOC641367;ZNF100	0.013262	0.746233	0.943522	-1.05986	0.00379636	0.497046	-2.01189	0.0221648	0.611996	-1.634	0.826429	0.961443	-1.0401	0.889378	1.02523	1.02523	0.800878	1.04629	1.04629	0.00227869	2.14687	2.14687	0.515032	0.888522	-1.12546	0.889546	0.975428	-1.02519	5.39485	2.73897	0.45129	1
cg08460812	LOC641518;LEF1;LEF1;LEF1;LEF1	0.0004682	0.453833	0.801279	-1.248	0.000261939	0.175111	-5.71065	0.0794122	0.56816	-1.76007	0.00751505	0.368282	-2.71531	0.120743	0.613485	-1.63003	0.110105	1.65804	1.65804	2.74E-05	0.0906778	-11.0281	0.0742873	1.7815	1.7815	0.148712	0.637812	-1.56786	14.5532	19.4317	1.18686	1
cg24023289	LOC641518;LEF1;LEF1;LEF1;LEF1	0.00184585	0.327187	1.25626	1.25626	0.776584	0.937845	-1.06627	0.00789922	0.463704	-2.15655	0.0256987	0.550118	-1.81779	0.00362215	0.411452	-2.43042	0.681456	0.911109	-1.09756	5.44E-05	0.183361	-5.45372	0.0565618	0.614559	-1.62718	0.6931	0.91442	-1.09359	9.86948	7.95213	0.716204	1
cg19737633	LOC641518;LEF1;LEF1;LEF1;LEF1;LEF1	0.000145711	0.522916	1.186	1.186	0.370414	0.784802	-1.27421	0.16554	1.47647	1.47647	0.499101	1.19814	1.19814	0.000169192	5.39574	5.39574	0.271831	1.3517	1.3517	0.0349307	0.523321	-1.91087	5.55E-05	7.20977	7.20977	2.12E-05	9.54711	9.54711	20.0128	21.9999	0.977152	1
cg21930074	LOC641518;LOC641518	0.000550594	0.0038123	0.620409	-1.61184	0.512929	0.92202	-1.08458	0.83976	1.02508	1.02508	0.00917106	0.667078	-1.49908	0.302885	0.877588	-1.13949	0.997288	1.00042	1.00042	0.000412976	0.503667	-1.98544	0.000146031	2.22489	2.22489	0.0407034	1.33523	1.33523	13.9129	3.29878	0.210757	1
cg12938003	LOC641518;LOC641518	0.000835179	0.43312	0.77479	-1.29067	0.0283852	2.28266	2.28266	0.008848	2.89502	2.89502	0.319932	1.38797	1.38797	0.497169	1.24594	1.24594	0.19781	1.54374	1.54374	0.000974271	0.209058	-4.78335	6.37E-05	10.4459	10.4459	0.734054	0.89693	-1.11491	12.3811	19.9529	1.4325	1
cg00462316	LOC641518;LOC641518	0.00123706	0.938729	1.0229	1.0229	0.399584	0.775709	-1.28914	0.00324172	0.306495	-3.2627	0.830734	0.938899	-1.06508	0.111882	0.600556	-1.66512	0.000251761	0.169021	-5.91642	9.50E-05	0.12906	-7.74833	0.499535	1.22369	1.22369	0.68086	0.885324	-1.12953	11.0751	15.2152	1.22117	1
cg09859768	LOC641518;LOC641518	0.00553213	0.0187365	0.471665	-2.12015	0.0179483	0.468286	-2.13545	0.00465322	0.370497	-2.69908	0.0373931	0.528754	-1.89124	0.00573426	0.384667	-2.59965	0.00241514	0.328044	-3.04838	0.00143866	0.296581	-3.37176	0.131993	0.651236	-1.53554	0.0108853	0.430264	-2.32416	7.11482	7.84193	0.97973	1
cg19125277	LOC641518;LOC641518	0.00791825	0.308967	0.775672	-1.28921	0.0742768	0.618891	-1.61579	0.000680341	0.285767	-3.49936	0.0390509	1.77936	1.77936	0.113899	1.51428	1.51428	0.0102935	0.458384	-2.18158	0.941681	0.982504	-1.01781	0.997012	0.999097	-1.0009	0.75099	1.07983	1.07983	6.36468	5.86709	0.819396	1
cg13775316	LOC641518;LOC641518	0.0127984	0.88684	0.936066	-1.0683	0.604955	1.27397	1.27397	0.0354659	3.11462	3.11462	0.84867	0.915176	-1.09269	0.427278	0.686537	-1.45659	0.00109448	0.107022	-9.34387	0.125902	2.15635	2.15635	0.021241	3.61467	3.61467	0.342918	0.635477	-1.57362	5.45792	18.6111	3.03104	1
cg03719693	LOC641518;LOC641518	0.0253363	0.227778	0.766741	-1.30422	0.0160239	0.538765	-1.8561	0.158084	1.37245	1.37245	0.559869	0.883656	-1.13166	0.0337818	0.594507	-1.68206	0.289686	0.794092	-1.2593	0.239104	0.772098	-1.29517	0.00808882	2.03708	2.03708	0.455778	1.17276	1.17276	4.33702	3.02316	0.619609	1
cg17604223	LOC641518;LOC641518	0.0307655	0.0131588	0.596289	-1.67704	0.114208	0.749034	-1.33505	0.00363234	1.93837	1.93837	0.320397	0.841412	-1.18848	0.510328	0.89377	-1.11886	0.302879	0.835699	-1.1966	0.257582	0.819796	-1.21982	0.758293	0.949413	-1.05328	0.381818	0.859977	-1.16282	4.05037	1.81446	0.398198	1
cg06214925	LOC641518;LOC641518	0.0407605	0.132819	0.582765	-1.71596	0.730573	1.12198	1.12198	0.392331	1.33881	1.33881	0.854509	0.940714	-1.06302	0.0675867	0.505706	-1.97743	0.41911	0.759667	-1.31637	0.0258459	0.414367	-2.41332	0.00651905	3.24479	3.24479	0.684922	1.14548	1.14548	3.65765	6.42193	1.56067	1
cg07063559	LOC641746	0.0239401	0.904757	0.942833	-1.06063	0.00215055	0.12013	-8.32434	0.842827	0.906987	-1.10255	0.404184	1.52159	1.52159	0.0230978	0.262911	-3.80356	0.3036	1.68876	1.68876	0.159701	2.09357	2.09357	0.209987	1.91496	1.91496	0.195748	1.95981	1.95981	4.42322	16.9418	3.40462	1
cg01670862	LOC641746	0.0411119	0.0240364	0.239188	-4.18082	0.121901	0.410195	-2.43787	0.212416	0.497562	-2.0098	0.306742	1.75484	1.75484	0.013727	0.198008	-5.0503	0.75222	1.18333	1.18333	0.0104407	0.180232	-5.54841	0.547629	1.38182	1.38182	0.865061	1.09461	1.09461	3.64606	16.3114	3.97664	1
cg20449145	LOC642006	0.0136963	0.0137892	0.292735	-3.41606	0.00160681	0.161085	-6.20792	0.0531864	0.412098	-2.42661	0.176958	0.560366	-1.78455	0.0195312	0.320146	-3.12358	0.0470817	0.399699	-2.50188	0.0148564	0.298435	-3.35081	0.00695829	0.244378	-4.09202	0.0946819	0.476519	-2.09855	5.33819	13.7688	2.29272	1
cg23112563	LOC642006	0.0141204	0.503786	0.616929	-1.62093	0.365017	0.515486	-1.93992	0.00614862	0.0784916	-12.7402	0.486276	0.604323	-1.65474	0.000632562	0.0237938	-42.0278	0.75634	0.801244	-1.24806	0.406413	1.83064	1.83064	0.985222	0.986901	-1.01327	0.0258558	0.152042	-6.57715	5.28499	42.4239	7.13533	1
cg03894119	LOC642006	0.0166419	0.645817	0.702837	-1.4228	0.483567	0.581267	-1.72038	0.00550686	0.0620042	-16.1279	0.866315	0.879511	-1.137	0.000954859	0.0234968	-42.559	0.963786	1.0352	1.0352	0.412546	1.89347	1.89347	0.895513	1.10531	1.10531	0.0320985	0.147618	-6.77426	5.00496	46.0285	8.17473	1
cg02882968	LOC642006	0.0187343	0.0258024	0.334947	-2.98555	0.10707	0.483409	-2.06864	0.0241548	0.329267	-3.03705	0.331228	0.660837	-1.51323	0.00435856	0.207253	-4.82503	0.127755	0.506404	-1.97471	0.00366415	0.197193	-5.07118	0.9109	0.954799	-1.04734	0.0138382	0.28453	-3.51457	4.80989	13.0065	2.40366	1
cg01184591	LOC642006	0.0288852	0.0428284	0.434669	-2.3006	0.00253372	0.22364	-4.47148	0.282961	0.671179	-1.48992	0.594562	0.825313	-1.21166	0.037271	0.421455	-2.37273	0.0317478	0.406676	-2.45896	0.0201036	0.367078	-2.72422	0.0303434	0.402594	-2.48389	0.0973947	0.52199	-1.91575	4.14204	8.37946	1.79825	1
cg17884026	LOC642006	0.0321851	0.074246	0.415139	-2.40883	0.00405828	0.181738	-5.50243	0.0342599	0.335655	-2.97925	0.632897	1.237	1.237	0.00717679	0.21566	-4.63693	0.139763	0.495457	-2.01834	0.159889	0.514939	-1.94198	0.183625	0.536069	-1.86543	0.0756487	0.417289	-2.39642	3.98564	12.3305	2.74998	1
cg25121589	LOC642006	0.0344228	0.0118313	0.2669	-3.74672	0.0103596	0.257397	-3.88504	0.035532	0.357523	-2.79702	0.281256	0.624587	-1.60106	0.00612253	0.222355	-4.49731	0.676691	0.838414	-1.19273	0.853007	0.925008	-1.08107	0.0991951	0.467838	-2.13749	0.100113	0.468982	-2.13228	3.89045	10.8836	2.48668	1
cg08151514	LOC642006	0.0355652	0.0564595	0.212872	-4.69765	0.0169299	0.124086	-8.0589	0.0817592	0.25113	-3.982	0.36179	0.51093	-1.95721	0.0111046	0.102196	-9.78508	0.121112	0.299968	-3.33369	0.00531982	0.0720236	-13.8843	0.242072	0.415986	-2.40392	0.0330579	0.167737	-5.9617	3.84475	31.2485	7.2245	1
cg00772850	LOC642006	0.0365753	0.402445	0.509439	-1.96294	0.0266421	0.126474	-7.90677	0.0366848	0.147986	-6.7574	0.359141	0.476094	-2.10043	0.00168159	0.0291759	-34.2748	0.439708	0.537798	-1.85944	0.737186	0.767131	-1.30356	0.777531	1.24976	1.24976	0.0467111	0.166548	-6.00428	3.80583	37.3425	8.72171	1
cg18113596	LOC642006	0.0453453	0.478585	0.772006	-1.29533	0.00439913	0.255169	-3.91897	0.196716	0.612457	-1.63277	0.481374	0.773314	-1.29314	0.00541196	0.268493	-3.72449	0.0993819	0.522669	-1.91326	0.623548	0.837195	-1.19446	0.733511	0.884484	-1.1306	0.0468367	0.441574	-2.26463	3.51545	7.18367	1.81641	1
cg21823119	LOC642587	0.000512038	0.387041	0.869797	-1.14969	0.323427	1.17405	1.17405	0.226492	1.22115	1.22115	1.29E-05	0.236535	-4.2277	0.171226	0.795169	-1.2576	0.0426896	1.44352	1.44352	0.010117	1.66606	1.66606	0.200374	0.808316	-1.23714	0.243839	1.21148	1.21148	14.1965	5.56532	0.348463	1
cg22166446	LOC642587	0.026979	0.0883371	2.60004	2.60004	0.568285	0.745983	-1.34051	0.759514	0.855538	-1.16885	0.146892	2.20582	2.20582	0.956556	1.02807	1.02807	0.0744961	2.74484	2.74484	0.00279409	8.11629	8.11629	0.0260107	3.82883	3.82883	0.0126843	4.8269	4.8269	4.24282	17.3516	3.63523	1
cg12386297	LOC642587;MIR205	0.000794482	0.0425909	0.595073	-1.68047	0.134731	0.698704	-1.43122	0.000129389	0.227924	-4.38743	0.00661628	0.456676	-2.18973	0.013563	0.507034	-1.97226	0.0224091	0.544319	-1.83716	0.000296096	0.269796	-3.70651	0.000211462	0.252355	-3.96268	0.014829	0.513526	-1.94732	12.5565	9.83042	0.695905	1
cg17860090	LOC642587;MIR205	0.00252281	0.0128998	0.474002	-2.10969	0.000839473	0.29674	-3.36996	0.00299603	0.373635	-2.67641	0.125189	0.669407	-1.49386	0.00243397	0.360445	-2.77435	0.0465807	0.576289	-1.73524	0.00128368	0.321391	-3.11147	0.00354857	0.384569	-2.60031	0.00634931	0.423501	-2.36127	9.00792	8.34346	0.823321	1
cg03794445	LOC642587;MIR205	0.00748898	0.747098	1.04048	1.04048	0.282591	1.14674	1.14674	0.153084	1.20639	1.20639	0.868403	0.97987	-1.02054	0.923063	0.988224	-1.01192	0.415509	1.10745	1.10745	0.0571655	1.30199	1.30199	0.000210272	0.467617	-2.1385	0.180506	0.839969	-1.19052	6.47699	1.54272	0.211719	1
cg27261597	LOC642587;MIR205	0.00941854	0.167875	0.733762	-1.36284	0.671736	0.914136	-1.09393	0.0655892	0.647119	-1.54531	0.00213048	0.402904	-2.48198	0.00138344	0.376582	-2.65546	0.632582	0.903526	-1.10677	0.465717	1.16924	1.16924	0.00492957	0.456389	-2.19111	0.640203	0.905606	-1.10423	6.02469	4.23277	0.624506	1
cg19718771	LOC642597	0.00520961	0.00653036	0.21567	-4.63672	0.0565602	0.391825	-2.55216	0.0659877	0.408474	-2.44814	0.204486	0.559221	-1.7882	0.114682	0.474887	-2.10576	0.0265426	0.319396	-3.13091	0.000152437	0.0596345	-16.7688	0.231	0.579614	-1.72529	0.00701478	0.220196	-4.5414	7.24706	21.626	2.65253	1
cg00197517	LOC642597	0.00738917	0.121516	0.77394	-1.29209	0.0794219	0.742878	-1.34612	0.00223762	0.520262	-1.92211	0.0240683	0.663153	-1.50795	0.0602783	0.723637	-1.38191	0.0947268	0.755521	-1.32359	0.00510169	0.568385	-1.75937	0.014771	1.58087	1.58087	0.835261	0.968711	-1.0323	6.50426	2.40055	0.328066	1
cg26355573	LOC642597	0.00777635	0.227799	0.746784	-1.33907	0.00194824	2.74709	2.74709	0.194348	1.37254	1.37254	0.451218	0.837748	-1.19368	0.995306	1.00136	1.00136	0.839009	0.954167	-1.04803	0.00408512	0.411162	-2.43213	0.0102524	2.1092	2.1092	0.358217	1.24347	1.24347	6.40095	5.39246	0.748842	1
cg13671919	LOC642597	0.0178442	0.00778909	0.194339	-5.14565	0.845261	0.91394	-1.09416	0.00829773	0.19851	-5.03752	0.652951	1.23199	1.23199	0.89497	1.06271	1.06271	0.0384736	0.323005	-3.09593	?	?	?	0.0218762	3.68393	3.68393	0.982312	0.989844	-1.01026	5.55655	16.2365	2.5568	1
cg17900076	LOC642597	0.02022	0.204698	1.66541	1.66541	0.00407153	4.34759	4.34759	0.00679447	3.80695	3.80695	0.0446661	2.40744	2.40744	0.500608	1.29767	1.29767	0.00677325	3.80998	3.80998	0.395657	0.717811	-1.39312	0.10942	1.94495	1.94495	0.32564	1.4723	1.4723	4.6871	10.7835	2.04505	1
cg03250019	LOC642597;LOC642597	0.00911507	0.760259	0.970301	-1.03061	0.9697	1.00375	1.00375	0.0593458	1.23329	1.23329	0.164843	0.864189	-1.15715	0.793313	1.0262	1.0262	0.00231585	1.52074	1.52074	0.00184182	0.646815	-1.54604	0.670137	1.04311	1.04311	0.196675	1.14393	1.14393	6.08777	0.935605	0.13661	1
cg00247557	LOC642597;LOC642597	0.0211989	0.956778	1.00746	1.00746	0.217579	1.19472	1.19472	0.105679	1.27432	1.27432	0.238455	1.18453	1.18453	0.911182	1.01542	1.01542	0.0009796	0.510499	-1.95887	0.119789	0.79335	-1.26048	0.510074	1.09597	1.09597	0.19666	0.829254	-1.2059	4.61215	1.37407	0.264821	1
cg03463778	LOC642826	0.00137677	0.16617	0.808492	-1.23687	0.00827903	0.615023	-1.62596	0.972976	0.995135	-1.00489	0.23528	0.836025	-1.19614	0.00465534	0.581664	-1.71921	0.00455034	0.580353	-1.72309	0.000113913	0.37709	-2.65189	0.247936	1.18995	1.18995	0.00114308	0.502282	-1.99091	10.741	3.52641	0.291834	1
cg01066431	LOC642826	0.0373479	0.230711	0.730921	-1.36814	0.120899	0.657501	-1.52091	0.733042	1.0891	1.0891	0.247341	0.739678	-1.35194	0.0124507	0.460569	-2.17123	0.103955	0.641969	-1.55771	0.00666801	0.415803	-2.40499	0.198368	1.40337	1.40337	0.0449576	0.563462	-1.77474	3.77695	3.71773	0.874954	1
cg00475112	LOC642846	0.000533447	0.879471	1.02403	1.02403	0.389991	1.14783	1.14783	0.0728863	0.731154	-1.3677	0.109967	0.761334	-1.31348	0.0140395	0.622107	-1.60744	0.000953587	0.462749	-2.161	0.000136727	0.356031	-2.80875	0.000645156	2.26901	2.26901	0.0316675	0.674177	-1.48329	14.0359	5.44548	0.344861	1
cg09152401	LOC642846	0.0196101	?	?	?	?	?	?	0.0490344	0.110845	-9.02158	0.012857	24.9409	24.9409	?	?	?	?	?	?	0.151121	4.22142	4.22142	0.0558717	0.121416	-8.23615	0.0831266	0.159249	-6.27946	8.02759	51.7811	6.4504	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)
cg21349645	LOC642846	0.0203959	0.33988	0.697371	-1.43396	0.00290272	4.82155	4.82155	0.655213	1.17833	1.17833	0.215812	0.619468	-1.61429
cg08718119	LOC642846	0.0290921	0.29543	0.520753	-1.9203	0.824411	1.14297	1.14297	0.316499	1.86404	1.86404	0.663894	1.30073	1.30073
cg02837600	LOC642852	0.0163921	0.342015	1.60606	1.60606	0.000488811	14.0684	14.0684	0.174359	2.01221	2.01221	0.0982065	2.40543	2.40543
cg11846141	LOC642852	0.0346049	0.232208	1.31255	1.31255	0.00724953	2.12123	2.12123	0.832538	1.04704	1.04704	0.0238713	1.79537	1.79537
cg10803722	LOC642852	0.0361681	0.467658	0.857309	-1.16644	0.0220128	1.77223	1.77223	0.113354	1.43181	1.43181	0.149884	0.724988	-1.37933
cg03754128	LOC643387;LOC151174;LOC151174	0.0207721	0.12449	0.840332	-1.19001	0.444277	0.92167	-1.08499	0.0794231	0.815759	-1.22585	0.139964	1.18068	1.18068
cg08209614	LOC643387;LOC151174;LOC151174	0.0211504	0.453978	0.837219	-1.19443	0.769576	1.07081	1.07081	0.648434	0.898594	-1.11285	0.455755	0.837826	-1.19357
cg24375999	LOC643387;LOC151174;LOC151174	0.0320992	0.869478	0.962792	-1.03865	0.12871	0.684838	-1.4602	0.0139471	0.496487	-2.01415	0.340271	1.25433	1.25433
cg04166618	LOC643387;LOC151174;LOC151174	0.0336133	0.00587267	6.82577	6.82577	0.0140647	5.02759	5.02759	0.0405469	3.52546	3.52546	0.965471	1.02333	1.02333
cg01234012	LOC643406	3.14E-05	0.461336	0.900906	-1.10999	0.426728	0.893216	-1.11955	0.00684059	0.614198	-1.62814	0.248029	0.845318	-1.18299
cg17616099	LOC643406	0.000150806	0.873259	0.976714	-1.02384	0.0939995	1.31227	1.31227	0.0220186	0.666722	-1.49987	0.579043	1.08623	1.08623
cg07833342	LOC643406	0.000201543	0.0198644	0.482489	-2.07259	5.07E-06	0.0678052	-14.7481	0.000150681	0.185165	-5.40059	0.188268	0.69672	-1.4353
cg06182261	LOC643406	0.000698886	0.000710384	0.254142	-3.93481	0.591355	1.15484	1.15484	0.061613	0.571649	-1.74932	0.938978	0.979868	-1.02055
cg04281261	LOC643406	0.00549179	0.48368	0.74654	-1.33951	0.0128949	0.281444	-3.55311	0.0267811	0.340456	-2.93724	0.00591146	0.227916	-4.38758
cg14574088	LOC643406	0.00573624	0.228767	1.17403	1.17403	0.707103	0.953183	-1.04912	0.497907	1.09134	1.09134	0.360925	1.12671	1.12671
cg01722584	LOC643406	0.00798683	0.00142342	0.672792	-1.48634	0.492976	0.941964	-1.06161	0.00108441	0.660886	-1.51312	0.624179	1.04331	1.04331
cg06186228	LOC643486	0.00796663	0.00460044	0.116464	-8.58632	0.0113941	0.164374	-6.08369	0.0377229	0.253102	-3.95097	0.746727	0.831325	-1.2029
cg19723367	LOC643486	0.0286557	0.0142239	0.0761783	-13.1271	0.367623	0.454807	-2.19874	0.0979525	0.213198	-4.69047	0.0876516	0.200884	-4.97799
cg25876057	LOC643677	0.0323934	0.0193084	0.63298	-1.57983	0.137692	0.772317	-1.2948	0.0503665	0.697332	-1.43404	0.369142	1.16076	1.16076
cg06754972	LOC643719	0.000371076	1.44E-05	0.21054	-4.7497	0.00024738	0.351849	-2.84212	0.00280756	0.491331	-2.03529	0.143554	0.762402	-1.31164
cg07457967	LOC643719	0.00118597	2.43E-05	0.200994	-4.97527	0.013996	0.560365	-1.78455	0.116768	0.722356	-1.38436	0.40877	0.851079	-1.17498
cg23200020	LOC643719	0.00371871	0.630785	0.613957	-1.62878	0.00727752	32.6934	32.6934	0.00432039	46.6651	46.6651	0.0431825	10.4149	10.4149
cg04714041	LOC643719	0.00426896	0.0596028	0.433419	-2.30723	0.010576	3.54165	3.54165	0.00835752	3.7632	3.7632	0.0412424	2.52436	2.52436
cg07599133	LOC643719	0.00459215	0.41643	0.550517	-1.81647	0.0335223	5.95903	5.95903	0.00442552	15.3298	15.3298	0.104594	3.57845	3.57845
cg25418852	LOC643719	0.0122067	0.6204	1.27777	1.27777	0.00723535	5.48174	5.48174	0.472319	1.43177	1.43177	0.283898	1.72732	1.72732
cg02921624	LOC643719	0.0185401	0.552137	1.31015	1.31015	0.448078	1.41515	1.41515	0.590303	1.27648	1.27648	0.424984	1.44182	1.44182
cg08107402	LOC643719	0.0307935	0.934869	1.01961	1.01961	0.595092	0.880321	-1.13595	0.098107	0.649753	-1.53905	0.443989	0.83073	-1.20376
cg22714517	LOC643837	0.00265777	0.539971	0.939264	-1.06466	0.675295	1.04346	1.04346	0.00920283	0.71611	-1.39643	0.130735	1.17916	1.17916
cg05662829	LOC643837	0.0070655	0.0475901	0.793213	-1.2607	0.367586	1.09925	1.09925	0.00654567	0.696854	-1.43502	0.0229055	0.757071	-1.32088
cg07498168	LOC643923;ELMOD1;ELMOD1	0.00563126	0.0151538	0.59241	-1.68802	0.29595	0.826818	-1.20946	0.00141937	0.444748	-2.24847	0.325759	0.836905	-1.19488
cg21092834	LOC643923;ELMOD1;ELMOD1	0.00788525	0.0369521	0.80055	-1.24914	0.00125325	1.5413	1.5413	0.254602	1.1154	1.1154	0.11444	0.854161	-1.17074
cg17885446	LOC643955	9.39E-05	0.0574223	1.58727	1.58727	0.058783	1.58231	1.58231	0.88232	1.03236	1.03236	0.0452388	0.610269	-1.63862
cg06794374	LOC643955	0.0237155	0.0188914	0.129887	-7.69897	0.032329	0.165468	-6.04345	0.0793921	0.24714	-4.04628	0.17811	0.358038	-2.793
cg01717047	LOC643955	0.0314557	0.0109337	0.106723	-9.37004	0.0400407	0.189688	-5.27183	0.0604113	0.22686	-4.40801	0.218002	0.40342	-2.47881
cg13985817	LOC644145	0.0010156	0.006214	0.415737	-2.40537	0.149238	1.46303	1.46303	0.00124753	0.313423	-3.19058	0.00487198	0.399198	-2.50502
cg13547725	LOC644145	0.00495949	0.0130735	0.231703	-4.31587	0.717913	1.18806	1.18806	0.0108897	0.21905	-4.56517	0.0383807	0.319908	-3.1259
cg08891605	LOC644165	0.0219419	0.0514631	0.423722	-2.36004	0.00788173	0.267096	-3.74397	0.00852534	0.272515	-3.66952	0.111687	0.511231	-1.95606
cg01135538	LOC644172	0.00231767	8.00E-05	0.317362	-3.15098	0.990433	1.00193	1.00193	0.167686	0.78904	-1.26736	0.357091	1.16487	1.16487
cg04927033	LOC644172	0.00291895	0.01436	2.43063	2.43063	0.131233	1.61528	1.61528	0.257643	0.706366	-1.4157	0.000867331	4.35248	4.35248
cg16955726	LOC644538	0.0294982	0.0469981	0.183591	-5.44689	0.863164	1.13725	1.13725	0.655082	1.39826	1.39826	0.167051	2.99889	2.99889
cg08177968	LOC644649	0.000555806	0.0434044	0.779501	-1.28287	0.0136656	1.38689	1.38689	0.000353764	0.540482	-1.8502	0.0407714	0.776259	-1.28823
cg13027458	LOC644649	0.00596684	0.0822838	0.590473	-1.69356	0.0459372	1.87036	1.87036	0.000576773	0.23274	-4.29664	0.116109	0.626635	-1.59583
cg02391410	LOC644649	0.0106233	0.0415875	0.602719	-1.65915	0.0018925	0.387197	-2.58267	0.0569187	0.628571	-1.59091	0.412123	1.19807	1.19807
cg06612122	LOC644649	0.0369157	0.23307	1.28113	1.28113	0.320109	1.22575	1.22575	0.889679	0.972876	-1.02788	0.247557	0.786996	-1.27065
cg09387179	LOC644936	0.00566958	0.00108314	0.231659	-4.3167	0.000527455	0.194541	-5.14031	0.427436	0.782209	-1.27843	0.318627	1.3668	1.3668
cg11789062	LOC645166;LOC645166	0.00591451	0.0175066	1.15135	1.15135	0.206746	0.937163	-1.06705	0.122572	0.921691	-1.08496	0.322219	1.0511	1.0511
cg13111263	LOC645166;LOC645166	0.0166696	0.00893846	0.475226	-2.10426	0.0422645	0.59254	-1.68765	0.00928344	0.477876	-2.09259	0.440901	0.838777	-1.19221
cg00324257	LOC645166;LOC645166	0.0245176	0.0508062	0.559465	-1.78742	0.113053	0.637533	-1.56855	0.29453	1.32812	1.32812	0.818461	0.941758	-1.06184
cg05158293	LOC645166;LOC645166;LOC645166	0.000203565	0.0563659	0.792132	-1.26242	0.00227245	0.631007	-1.58477	9.83E-06	0.358803	-2.78704	0.111971	0.829721	-1.20522
cg00097790	LOC645166;LOC645166;LOC645166	0.00586509	0.00420594	0.431261	-2.31878	0.0136177	0.511891	-1.95354	0.00220698	0.390117	-2.56334	0.0114725	0.499618	-2.00153
cg25143706	LOC645166;LOC645166;LOC645166	0.00767621	0.966402	1.01072	1.01072	0.0274303	0.516524	-1.93602	0.000467611	0.248343	-4.02669	0.0156685	0.472283	-2.11738
cg24602093	LOC645166;LOC645166;LOC645166	0.0104524	0.32246	1.30397	1.30397	0.0364875	0.531932	-1.87994	0.000386729	0.229893	-4.34985	0.0564933	0.570798	-1.75193
cg10642094	LOC645166;LOC645166;LOC645166	0.0142395	0.022546	0.531494	-1.88149	0.691067	0.91172	-1.09683	0.00161762	0.351462	-2.84525	0.0813701	0.639554	-1.56359
cg12732715	LOC645166;LOC645166;LOC645166	0.0243353	0.0223554	0.26827	-3.72759	0.0552542	0.351838	-2.84221	0.0051318	0.169125	-5.91277	0.0677279	0.373913	-2.67442
cg25095697	LOC645166;LOC645166;LOC645166	0.0487272	0.226256	0.401537	-2.49043	0.14622	0.326241	-3.06522	0.0242912	0.145422	-6.87653	0.0357062	0.172858	-5.7851
cg04830757	LOC645323	0.000526204	0.187555	0.722941	-1.38324	0.00309175	0.390455	-2.56111	0.057899	0.607736	-1.64545	0.328041	0.790958	-1.26429
cg15100936	LOC645323	0.00135032	0.54537	0.95052	-1.05206	0.0337528	0.814177	-1.22823	0.283953	1.09669	1.09669	0.153133	0.880867	-1.13525
cg27529225	LOC645323	0.00973016	0.306781	0.860602	-1.16198	0.000166124	0.402435	-2.48487	0.905824	1.01693	1.01693	0.948631	0.9909	-1.00918
cg02265379	LOC645323	0.0114197	0.554045	1.10192	1.10192	0.00204494	0.494245	-2.02329	0.0164107	0.621532	-1.60893	0.739542	0.947336	-1.05559
cg09002922	LOC645323	0.0124784	0.44198	0.877416	-1.13971	0.584916	0.912098	-1.09637	0.00107234	2.23894	2.23894	0.120407	1.32445	1.32445
cg15634928	LOC645323	0.0243008	0.210095	1.25201	1.25201	0.00931837	0.570487	-1.75289	0.00186171	0.471761	-2.11972	0.130225	0.757206	-1.32064
cg18358723	LOC645323	0.0243993	0.315006	0.751444	-1.33077	0.0128856	2.33787	2.33787	0.00209862	3.28745	3.28745	0.472925	1.22235	1.22235
cg19625088	LOC645323	0.0302286	0.0298667	0.603483	-1.65705	0.768305	0.943291	-1.06012	0.109538	1.4117	1.4117	0.0764751	0.677431	-1.47616
cg02627887	LOC645323	0.0353149	0.119559	0.754152	-1.32599	0.371587	0.85791	-1.16562	0.594382	1.09394	1.09394	0.348297	0.851029	-1.17505
cg15421911	LOC645323	0.0376711	0.00994734	0.255621	-3.91204	0.152285	0.525984	-1.9012	0.266867	0.615898	-1.62364	0.152371	0.526065	-1.90091
cg08797606	LOC645323	0.0418845	0.604287	1.11384	1.11384	0.0332152	0.598486	-1.67088	0.175554	0.74301	-1.34588	0.600788	0.896837	-1.11503
cg18334734	LOC645323	0.044487	0.851942	0.937511	-1.06665	0.0541369	2.1273	2.1273	0.00720571	3.3128	3.3128	0.160595	0.595931	-1.67805
cg21230745	LOC645323;LOC645323	0.0177513	0.279708	0.750029	-1.33328	0.106631	0.637028	-1.56979	0.0292888	1.92948	1.92948	0.712875	1.09923	1.09923
cg18318649	LOC645323;LOC645323	0.0215126	0.134945	0.688104	-1.45327	0.498443	1.17282	1.17282	0.800709	1.06043	1.06043	0.881297	0.965933	-1.03527
cg08252387	LOC645323;LOC645323	0.0317082	0.153849	0.820392	-1.21893	0.128364	1.23754	1.23754	0.00145487	1.81543	1.81543	0.928908	0.988496	-1.01164
cg27087622	LOC645323;LOC645323;LOC645323	0.00557812	0.000318033	0.257009	-3.89092	0.647297	1.11333	1.11333	0.134273	1.4569	1.4569	0.558808	1.14772	1.14772
cg04270358	LOC645323;LOC645323;LOC645323	0.0133696	0.396726	0.769938	-1.29881	0.00270076	3.48573	3.48573	0.000789789	4.60927	4.60927	0.530352	1.21106	1.21106
cg11339341	LOC645323;LOC645323;LOC645323	0.0146328	0.888736	0.962563	-1.03889	0.719209	0.906283	-1.10341	0.819076	1.06444	1.06444	0.145768	1.53065	1.53065
cg16533147	LOC645323;LOC645323;LOC645323	0.014771	0.589614	0.898644	-1.11279	0.00329954	0.455881	-2.19355	0.0938408	1.43558	1.43558	0.376757	1.19483	1.19483
cg12904531	LOC645332	3.76E-05	0.164404	1.35564	1.35564	0.0141389	1.86092	1.86092	5.41E-07	0.0576015	-17.3607	0.0261821	0.582137	-1.71781
cg16730596	LOC645332	0.0163112	0.353967	0.655451	-1.52567	0.880786	0.935686	-1.06873	0.279771	0.607919	-1.64496	0.0608315	0.392163	-2.54996
cg11524260	LOC645332	0.0268491	0.0288245	0.455651	-2.19466	0.00650451	0.340131	-2.94005	0.0246327	0.442182	-2.26151	0.690162	0.884986	-1.12996
cg10325253	LOC645638	0.00535482	0.499998	1.12532	1.12532	0.367317	1.17315	1.17315	0.653026	1.08116	1.08116	0.938712	0.986827	-1.01335
cg05982859	LOC645638	0.0135271	0.696477	0.830156	-1.20459	0.163612	0.493655	-2.02571	0.00246093	0.135361	-7.38767	0.369481	1.54905	1.54905
cg20383508	LOC645752	0.00194486	0.71806	1.07754	1.07754	0.0588338	0.644339	-1.55198	0.0183204	0.55452	-1.80336	0.289178	0.797234	-1.25434
cg14397416	LOC645752	0.00235322	0.27299	0.845596	-1.1826	0.126987	0.784556	-1.27461	0.0172723	0.652885	-1.53166	0.827682	0.968461	-1.03257
cg24885403	LOC645752	0.0319815	0.0368812	0.334602	-2.98863	0.65116	0.814181	-1.22823	0.491611	0.729437	-1.37092	0.0193257	0.278679	-3.58835
cg24874705	LOC645752	0.0379592	0.0672201	0.511287	-1.95585	0.0859709	0.537644	-1.85997	0.0225246	0.409164	-2.44401	0.0828157	0.53354	-1.87427
cg12560320	LOC645851;FLJ25006	0.000264676	0.62591	1.06403	1.06403	0.193819	0.84057	-1.18967	0.000469987	0.499411	-2.00236	0.48485	1.09381	1.09381
cg20344956	LOC646214	0.0300611	0.0227004	0.435029	-2.2987	0.0766918	0.54835	-1.82365	0.455775	1.26088	1.26088	0.235697	0.684388	-1.46116
cg15812020	LOC646405	0.000816632	0.891524	0.953291	-1.049	0.344448	0.71078	-1.4069	0.195998	0.619182	-1.61503	0.0101122	3.11916	3.11916
cg22331840	LOC646405	0.00257415	0.000254413	0.133696	-7.47964	0.00223079	0.239336	-4.17823	0.0152287	0.36967	-2.70512	0.416745	1.3193	1.3193
cg21140160	LOC646405	0.00371396	0.422053	0.80942	-1.23545	0.0366986	1.86967	1.86967	0.0663409	0.588067	-1.70049	0.0279468	1.95338	1.95338
cg22558291	LOC646405	0.0115969	0.617498	0.772756	-1.29407	0.147797	2.2146	2.2146	0.742388	0.844609	-1.18398	0.00326075	7.79677	7.79677
cg15145341	LOC646405	0.0209869	0.158988	0.530462	-1.88515	0.652278	1.2105	1.2105	0.424163	0.709093	-1.41025	0.00615332	4.50508	4.50508
cg01263165	LOC646405	0.0404889	0.0155041	0.498655	-2.00539	0.0862978	0.641386	-1.55912	0.0432005	0.579793	-1.72475	0.862369	0.96015	-1.0415
cg16358565	LOC646498	0.00608451	0.672105	1.14535	1.14535	0.615965	0.851118	-1.17493	0.0220748	0.416847	-2.39896	0.873784	0.950587	-1.05198
cg13592925	LOC646498	0.029913	0.25549	0.84166	-1.18813	0.155865	1.24666	1.24666	0.0384756	0.705972	-1.41649	0.138134	1.2609	1.2609
cg03541887	LOC646627	1.05E-05	8.06E-05	0.201982	-4.95094	2.46E-05	0.151528	-6.59942	0.000178303	0.239962	-4.16733	0.0178784	1.90986	1.90986
cg10402995	LOC646627	3.14E-05	2.33E-05	0.198484	-5.0382	1.42E-05	0.177143	-5.64517	0.000125024	0.278426	-3.59162	0.657974	0.9183	-1.08897
cg19519737	LOC646627	0.000794033	0.000769077	0.236661	-4.22545	0.90482	1.03443	1.03443	0.000212342	0.173568	-5.76143	0.222014	1.43784	1.43784
cg01878406	LOC646627	0.0162118	0.00474248	0.272788	-3.66585	0.0104797	0.327659	-3.05196	0.115415	0.552792	-1.809	0.164758	0.59851	-1.67082
cg04024799	LOC646627	0.0406633	0.0132207	0.215653	-4.63708	0.0821058	0.382064	-2.61736	0.0374928	0.299468	-3.33926	0.340079	1.63414	1.63414
cg16824319	LOC646627	0.0498998	0.00498563	0.110878	-9.01892	0.689742	0.788629	-1.26802	0.19853	0.447503	-2.23462	0.185748	0.435921	-2.29399
cg04162032	LOC646627;LOC646627	0.0150168	0.00450205	0.0976138	-10.2445	0.0260875	0.197435	-5.06496	0.0151224	0.159735	-6.26038	0.240669	0.470097	-2.12722
cg12525768	LOC646762	0.000154354	0.381081	0.879421	-1.13711	2.30E-06	0.192398	-5.19755	0.760321	0.957183	-1.04473	0.500303	0.906785	-1.1028
cg23590187	LOC646762	0.00251384	0.000704229	0.0996776	-10.0323	0.103382	0.451408	-2.21529	0.124771	0.476153	-2.10017	0.266104	0.596066	-1.67767
cg21902160	LOC646762	0.0028013	0.739852	0.956721	-1.04524	0.692654	0.948622	-1.05416	0.659953	1.06055	1.06055	0.680502	1.05651	1.05651
cg00313795	LOC646762	0.00679728	0.132289	1.4049	1.4049	0.0209539	1.78857	1.78857	0.0657747	1.54053	1.54053	0.507712	1.15103	1.15103
cg01443832	LOC646762	0.00695847	0.232697	1.4757	1.4757	0.153115	0.621446	-1.60915	0.109399	0.581145	-1.72074	0.00986929	0.362799	-2.75635
cg21424595	LOC646762	0.00707557	0.00462432	0.141935	-7.04549	0.0224503	0.242481	-4.12403	0.344623	0.603882	-1.65595	0.0914386	0.38172	-2.61972
cg21277889	LOC646762	0.0190167	0.0114819	0.215985	-4.62994	0.00664057	0.18136	-5.51389	0.0258433	0.277376	-3.60521	0.0413418	0.319686	-3.12807
cg01854228	LOC646762	0.0331522	0.314456	1.18366	1.18366	0.000952222	0.45014	-2.22153	0.635708	0.925569	-1.08042	0.800829	1.04182	1.04182
cg04881008	LOC646762	0.0398547	0.0375613	0.587391	-1.70244	0.541498	0.872584	-1.14602	0.00384059	2.36138	2.36138	0.662781	0.907772	-1.1016
cg27297120	LOC646813	0.0321991	0.0203122	0.339581	-2.94481	0.0219159	0.345923	-2.89082	0.222481	0.609599	-1.64042	0.401184	0.717675	-1.39339
cg02471915	LOC646851	0.000152863	4.04E-05	0.149892	-6.67146	0.000226696	0.226651	-4.41208	0.000274383	0.236205	-4.23361	0.518915	1.17156	1.17156
cg04724115	LOC646851;LOC646851;CBY1;CBY1	0.0017427	4.32E-05	0.0551217	-18.1417	0.163266	1.74268	1.74268	0.32475	1.46166	1.46166	0.679912	0.856539	-1.16749
cg27147615	LOC646982;LOC646982	0.0323477	0.0191097	0.145054	-6.89397	0.0335989	0.184583	-5.41762	0.124022	0.321789	-3.10763	0.0805059	0.267235	-3.74202
cg25209294	LOC646982;LOC646982	0.0347406	0.0612255	1.78306	1.78306	0.0897929	1.66991	1.66991	0.690563	0.896089	-1.11596	0.016702	0.448841	-2.22796
cg04509682	LOC646982;LOC646982;LOC646982	5.29E-05	0.263665	0.920262	-1.08665	5.25E-06	0.478565	-2.08958	1.57E-05	0.529221	-1.88957	0.0304589	1.19887	1.19887
cg00156995	LOC646982;LOC646982;LOC646982	0.00695004	0.00928944	0.57358	-1.74344	0.675225	0.931489	-1.07355	0.00358154	0.514557	-1.94342	0.0460953	0.680494	-1.46952
cg20148389	LOC646982;LOC646982;LOC646982	0.0154019	0.287951	0.634717	-1.57551	0.00111666	0.13834	-7.22858	0.0945416	0.468973	-2.13232	0.165972	1.83803	1.83803
cg04064327	LOC646982;LOC646982;LOC646982	0.0232286	0.0051422	0.184001	-5.43475	0.0187407	0.271219	-3.68706	0.315187	0.621423	-1.60921	0.220657	0.55442	-1.80369
cg16239694	LOC646982;LOC646982;LOC646982	0.0382087	0.64744	0.948855	-1.0539	0.00928923	1.45689	1.45689	0.0265243	0.740936	-1.34964	0.0990349	0.813673	-1.22899
cg08569979	LOC646982;LOC646982;LOC646982	0.0410077	0.257673	0.471602	-2.12043	0.00221938	0.0653848	-15.2941	0.0295693	0.195906	-5.1045	0.949161	1.04141	1.04141
cg23485066	LOC646999	0.00141896	0.00042463	0.212589	-4.70391	0.0408916	0.519621	-1.92448	0.0293523	0.490696	-2.03792	0.945065	1.0193	1.0193
cg27071152	LOC646999	0.0169772	0.00529157	0.192356	-5.19871	0.425308	0.694141	-1.44063	0.0742966	2.43948	2.43948	0.056485	2.63345	2.63345
cg20769683	LOC647121	0.0001805	0.0362713	0.774648	-1.29091	0.600479	1.05699	1.05699	0.186743	0.863472	-1.15812	0.00498098	1.47682	1.47682
cg16724800	LOC647121	0.0207388	0.258259	0.828346	-1.20722	0.238746	1.21773	1.21773	0.00214951	1.98977	1.98977	0.609761	1.08565	1.08565
cg14409823	LOC647121	0.0393235	0.0400139	0.306114	-3.26676	0.474209	0.695577	-1.43766	0.0283825	3.63471	3.63471	0.998218	1.00111	1.00111
cg14323876	LOC647288	0.000338408	0.185618	1.3661	1.3661	0.0098052	0.48399	-2.06616	0.0440412	0.597929	-1.67244	0.76215	1.0698	1.0698
cg04797648	LOC647309	4.64E-06	0.980607	1.00463	1.00463	0.0151883	1.7631	1.7631	0.0775967	1.45208	1.45208	0.0152017	1.76291	1.76291
cg27290207	LOC647309	0.00109143	0.255367	0.839501	-1.19118	0.00148349	1.96481	1.96481	0.304015	0.854841	-1.16981	0.100478	1.30356	1.30356
cg18140433	LOC647309	0.00395389	0.964336	0.992584	-1.00747	0.827904	1.03691	1.03691	0.616315	0.919333	-1.08775	0.168653	0.78334	-1.27659
cg03169767	LOC647309	0.013786	0.00490821	0.732154	-1.36583	0.0957918	1.16535	1.16535	0.987795	0.998721	-1.00128	0.175575	0.886499	-1.12803
cg02632822	LOC647309	0.0163076	0.25874	0.545534	-1.83307	0.262691	1.82315	1.82315	0.0217838	0.242675	-4.12074	0.903462	0.939505	-1.06439
cg21171800	LOC647859	0.00172502	0.415966	0.837419	-1.19415	0.883967	1.03166	1.03166	0.0074355	0.479166	-2.08696	0.216803	0.757794	-1.31962
cg26848157	LOC647946	0.0208353	0.331058	0.741128	-1.34929	0.269635	1.40972	1.40972	0.0735519	1.81473	1.81473	0.460224	0.79884	-1.25182
cg12063218	LOC647979	0.000754547	0.784515	0.970622	-1.03027	1.60E-05	0.379743	-2.63336	0.0536831	0.787929	-1.26915	0.952013	0.993474	-1.00657
cg15730213	LOC647979	0.0022489	0.00111829	0.574006	-1.74214	0.00105693	0.571115	-1.75096	0.0330871	0.749617	-1.33401	0.00499595	0.650704	-1.5368
cg08587504	LOC647979	0.00322149	0.020211	0.684954	-1.45995	0.0019525	1.80719	1.80719	0.0450409	1.36443	1.36443	0.548488	1.08549	1.08549
cg20391169	LOC647979	0.00622378	0.022115	0.64449	-1.55162	0.620859	0.923278	-1.0831	0.252023	0.825662	-1.21115	0.00180478	2.03502	2.03502
cg23573114	LOC647979	0.00711	0.0696457	0.475466	-2.1032	0.897223	0.953752	-1.04849	0.721035	1.1404	1.1404	0.112409	0.530855	-1.88375
cg05188448	LOC647979	0.00966407	0.0304684	2.05923	2.05923	0.0162215	2.3051	2.3051	0.185792	1.48956	1.48956	0.0253324	2.12789	2.12789
cg19253577	LOC648691	0.0468403	0.0204146	0.259648	-3.85137	0.0893254	0.404944	-2.46948	0.0413247	0.32122	-3.11313	0.044047	0.327421	-3.05417
cg07969622	LOC648691;PRAME;PRAME;PRAME;PRAME;PRAME	0.000196097	7.00E-05	0.15835	-6.31514	0.00328223	0.361622	-2.76532	0.0109337	0.444457	-2.24994	0.00380288	0.371214	-2.69386

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08831999	LOC648691;PRAME;PRAME;PRAME;PRAME;PRAME	0.00585892	0.451741	0.701248	-1.42603	0.379914	1.51731	1.51731	0.972103	1.01632	1.01632	0.777214	1.14032	1.14032	0.0018073	0.128244	-7.79761	0.00627355	0.192372	-5.19827	0.00878995	4.68577	4.68577	0.0478747	2.8493	2.8493	0.0743431	0.39837	-2.51023	6.99028	23.7217	3.01647	1
cg16900618	LOC648740;AMY2B	0.000703276	0.807714	1.03745	1.03745	0.000556608	0.445961	-2.24235	0.00991935	0.611923	-1.63419	0.00698426	1.69227	1.69227	0.0042859	1.77896	1.77896	0.321529	0.856913	-1.16698	0.00132947	2.02119	2.02119	0.00712664	1.68884	1.68884	0.723523	1.05501	1.05501	12.9939	4.67847	0.320045	1
cg11391462	LOC648740;AMY2B	0.0114799	0.177489	0.691646	-1.44583	0.930987	1.02253	1.02253	0.189724	0.699546	-1.4295	0.455546	1.21593	1.21593	0.000599317	0.256113	-3.90452	0.802699	0.937628	-1.06652	0.224254	1.38877	1.38877	0.965895	0.989061	-1.01106	0.00447882	0.377199	-2.65112	5.65405	5.9259	0.931627	1
cg16098227	LOC649330;HNRNPCL1	0.00142242	0.000197234	0.204073	-4.9002	0.929438	0.977753	-1.02275	0.000300746	0.224626	-4.45185	0.172779	0.691735	-1.44564	0.0188396	0.485428	-2.06004	0.429681	0.814829	-1.22725	0.0599494	0.583267	-1.71448	0.00138884	0.30817	-3.24497	0.00583099	0.399692	-2.50193	10.6409	10.8742	0.908383	1
cg08960663	LOC649395	0.0205832	0.000911372	0.0919913	-10.8706	0.00987163	0.208273	-4.80139	0.643228	0.798965	-1.25162	0.513914	0.727228	-1.37508	0.0271715	0.284191	-3.51877	0.110422	0.432985	-2.30955	0.513932	0.727238	-1.37507	0.964041	0.978541	-1.02193	0.062094	0.363969	-2.74749	4.65878	17.083	3.2594	1
cg03122674	LOC650226	9.48E-06	3.47E-05	3.06199	3.06199	0.157799	0.809663	-1.23508	0.0443853	0.724117	-1.38099	0.000886915	2.00621	2.00621	2.27E-06	0.19917	-5.02085	0.390801	0.884328	-1.1308	0.00329058	1.75041	1.75041	0.00649677	0.609852	-1.63974	5.95E-05	2.82445	2.82445	41.1343	12.7326	0.275143	1
cg26262573	LOC650226	3.69E-05	0.194603	0.774222	-1.29162	8.97E-06	0.166262	-6.01461	0.0180629	0.585321	-1.70847	0.60269	1.1029	1.1029	3.52E-05	0.225408	-4.4364	0.00777863	0.528697	-1.89144	6.09E-06	0.151123	-6.61712	0.000275038	0.329213	-3.03755	0.199162	0.776458	-1.2879	28.8534	15.8942	0.489652	1
cg17328716	LOC650226	3.84E-05	0.0102495	0.606779	-1.64805	0.000191103	0.378945	-2.6389	0.0147615	0.629257	-1.58918	0.0158818	0.633814	-1.57775	4.51E-06	0.196387	-5.09199	0.127842	1.28937	1.28937	7.62E-06	0.219147	-4.56314	0.00489921	0.562359	-1.77822	0.350573	1.1599	1.1599	28.5362	10.7716	0.335529	1
cg07286216	LOC650226	0.000131892	0.301759	1.34725	1.34725	1.78E-05	0.0867762	-11.5239	0.0843178	0.587424	-1.70235	0.761642	0.918737	-1.08845	7.11E-05	0.132941	-7.52212	0.00311348	0.324146	-3.08503	0.000184835	0.1721	-5.81056	0.000488974	0.218267	-4.58155	0.0803788	0.582542	-1.71661	20.5566	25.2699	1.09269	1
cg20115597	LOC650226	0.000190926	0.193448	0.732383	-1.36541	0.00152001	0.355791	-2.81064	0.0377747	0.579678	-1.7251	0.0629674	1.6055	1.6055	2.32E-05	0.147441	-6.78238	0.576754	1.13612	1.13612	4.51E-05	0.174319	-5.73662	0.00283445	0.394438	-2.53525	0.199444	0.735769	-1.35912	18.6038	15.0933	0.721156	1
cg23975887	LOC650226	0.000367239	0.000690493	0.158687	-6.30173	0.000133997	0.0952051	-10.5036	0.00436511	0.258417	-3.86971	0.837393	0.929574	-1.07576	0.000194975	0.107834	-9.27352	0.00240903	0.222652	-4.49132	0.000138629	0.0963054	-10.3836	0.026703	0.393348	-2.54228	0.0900345	0.514792	-1.94253	15.5622	31.1268	1.77792	1
cg03829739	LOC650226	0.000821499	0.0549466	2.05323	2.05323	0.00158079	0.223239	-4.4795	0.48995	0.793099	-1.26088	0.0063171	3.23976	3.23976	0.137467	0.589344	-1.6968	0.00288996	3.87314	3.87314	0.000331604	0.147337	-6.78717	0.325687	0.715024	-1.39855	0.139174	1.69235	1.69235	12.4389	21.5241	1.53812	1
cg22495211	LOC650226	0.00268676	0.000886055	0.0599174	-16.6897	0.0183421	0.198416	-5.03991	0.0303882	0.237392	-4.21245	0.91426	1.06275	1.06275	0.000402498	0.0415891	-24.0448	0.108636	0.371986	-2.68827	0.00349538	0.106561	-9.38434	0.00563565	0.12833	-7.79244	0.0196554	0.203388	-4.91672	8.84222	44.7202	4.49563	1
cg18557149	LOC650226	0.0031598	0.849813	1.06393	1.06393	0.000863973	0.19501	-5.12793	0.276906	0.690973	-1.44724	0.233064	1.50489	1.50489	0.00242431	0.251528	-3.9757	0.0654193	1.96597	1.96597	0.00231743	0.248862	-4.01829	0.0261562	0.422116	-2.36902	0.701577	0.881743	-1.13412	8.42712	14.2607	1.50421	1
cg15410343	LOC650226	0.00478977	0.00950293	0.179315	-5.57678	0.0075455	0.165601	-6.03861	0.0153061	0.210685	-4.74643	0.520526	0.711278	-1.40592	0.000804128	0.070954	-14.0936	0.172029	0.467459	-2.13922	0.0010868	0.0802899	-12.4549	0.0115011	0.191363	-5.22566	0.117123	0.410497	-2.43607	7.43534	32.2214	3.85205	1
cg27550060	LOC650226	0.00849687	0.763612	0.941788	-1.06181	0.250379	0.787543	-1.26977	0.689343	1.08318	1.08318	0.569957	0.892107	-1.12094	0.00367335	0.457964	-2.18358	0.507604	0.874883	-1.14301	0.000765918	0.362959	-2.75513	0.00445928	0.470368	-2.12599	0.446476	1.16684	1.16684	6.22474	3.8981	0.556646	1
cg13763098	LOC650226	0.0086266	0.174606	0.550003	-1.81817	0.0193911	0.310246	-3.22325	0.341051	0.666178	-1.5011	0.612487	1.2355	1.2355	0.00362884	0.196014	-5.10168	0.00828702	0.247206	-4.04521	0.00224206	0.170066	-5.88007	0.0130405	0.279377	-3.5794	0.47069	1.35502	1.35502	6.19499	16.818	2.41313	1
cg05655885	LOC650226	0.00869271	0.165977	1.72298	1.72298	0.00115991	0.172524	-5.79628	0.0383683	0.413246	-2.41986	0.827416	1.08373	1.08373	0.0210608	0.359915	-2.77844	0.514213	0.783792	-1.27585	0.00877856	0.292535	-3.41839	0.302904	1.48145	1.48145	0.255711	1.54802	1.54802	6.18004	13.2755	1.90945	1
cg24398379	LOC650226	0.0195106	0.387247	1.45306	1.45306	0.488351	1.34556	1.34556	0.509085	0.753969	-1.32631	0.633007	0.816416	-1.22487	0.0479422	0.38544	-2.59444	0.0533962	0.396467	-2.52228	0.00185072	0.155153	-6.44527	0.028362	0.33584	-2.97761	0.120778	2.03282	2.03282	4.74428	13.3575	2.50266	1
cg00422932	LOC650368	0.00196905	0.0607282	0.555703	-1.79952	0.11704	0.623054	-1.605	0.429759	0.799337	-1.25104	0.00703676	2.63306	2.63306	5.19E-05	0.122051	-8.19332	0.100893	0.606972	-1.64752	0.57136	0.853037	-1.17228	0.628786	0.873397	-1.14495	0.227503	0.703256	-1.42196	9.68579	11.8451	1.08705	1
cg02402948	LOC650368	0.0488329	0.251577	1.18863	1.18863	0.327538	0.864322	-1.15698	0.891519	0.980507	-1.01988	0.0470803	1.38796	1.38796	0.124582	1.2711	1.2711	0.00366846	1.76251	1.76251	0.398306	1.13288	1.13288	0.3148	1.16179	1.16179	0.0260671	1.46369	1.46369	3.41864	1.12689	0.293004	1
cg15967111	LOC650623	0.026959	0.447478	1.30384	1.30384	0.197256	1.59538	1.59538	0.709693	0.879724	-1.13672	0.136767	0.577351	-1.73205	0.366008	0.727405	-1.37475	0.291032	1.45569	1.45569	0.00331733	3.93689	3.93689	0.011933	2.93036	2.93036	0.254444	0.66512	-1.50349	4.24393	7.89338	1.65327	1
cg06787302	LOC651250	0.00391064	0.45797	0.864119	-1.15725	0.111168	0.715102	-1.3984	0.955146	1.01093	1.01093	0.651306	0.915838	-1.0919	0.6701	0.920528	-1.08633	5.70E-05	4.23591	4.23591	0.393048	0.84445	-1.1842	0.512014	1.13713	1.13713	0.954194	0.988961	-1.01116	7.90612	4.67552	0.525672	1
cg26379671	LOC651250	0.00747663	?	?	?	0.274181	0.766741	-1.30422	0.0214165	1.90646	1.90646	0.809124	0.945075	-1.05812	?	?	?	0.101651	0.658156	-1.5194	0.797158	1.06197	1.06197	0.00869854	0.458175	-2.18257	0.00154441	0.3454	-2.89519	6.78262	4.55274	0.767127	1
cg10043137	LOC651250	0.0207895	0.810297	1.05474	1.05474	0.794083	0.943675	-1.05969	0.0288607	1.77027	1.77027	0.0179746	0.528783	-1.89113	0.00696915	0.46135	-2.16755	0.790362	1.06083	1.06083	0.0463749	1.65817	1.65817	0.344154	0.805763	-1.24106	0.126904	0.69357	-1.44181	4.64296	3.61196	0.691505	1
cg25366822	LOC651250	0.0470619	0.0234588	0.711559	-1.40537	0.0533952	1.31766	1.31766	0.264737	1.15735	1.15735	0.496408	0.916844	-1.0907	0.635418	1.06188	1.06188	0.195134	0.841751	-1.188	0.009707	0.662789	-1.50878	0.987381	1.00199	1.00199	0.571526	1.07453	1.07453	3.4667	0.867768	0.222503	1
cg02814420	LOC652276	1.47E-05	0.205988	0.864488	-1.15675	2.32E-07	5.44267	5.44267	0.311555	1.12106	1.12106	0.251579	1.13968	1.13968	0.123303	1.19988	1.19988	0.307423	0.891076	-1.12224	0.00337115	0.647094	-1.54537	0.00214137	0.624556	-1.60114	0.464399	1.08467	1.08467	36.6907	6.92353	0.167733	1
cg00433159	LOC652276	0.000219697	0.00420663	0.758754	-1.31795	0.00284689	1.34421	1.34421	0.000169824	1.58493	1.58493	0.0354802	0.838347	-1.19282	0.315293	0.927946	-1.07765	0.00409188	0.757709	-1.31977	0.571251	1.04207	1.04207	0.000482995	1.4832	1.4832	0.00299335	1.34076	1.34076	17.9087	1.47121	0.073023	1
cg01124843	LOC652276	0.000774326	0.635805	0.956936	-1.045	0.00261697	1.46893	1.46893	0.799723	0.976815	-1.02374	0.347824	0.91467	-1.09329	0.175953	0.875666	-1.14199	0.00152498	0.656338	-1.5236	7.21E-05	0.513234	-1.94843	0.0122159	0.749696	-1.33387	0.228891	1.12357	1.12357	12.6476	1.70544	0.119861	1
cg03571959	LOC652276	0.00442722	0.583057	0.836567	-1.19536	0.152178	0.610334	-1.63845	0.120818	0.581846	-1.71867	0.145359	0.604523	-1.6542	0.00130997	0.221811	-4.50833	0.000146995	0.122223	-8.1818	0.587578	0.838392	-1.19276	0.97711	1.00928	1.00928	0.0293172	0.437639	-2.28499	7.61529	12.4971	1.45872	1
cg00664920	LOC652276	0.0402143	0.101024	0.746252	-1.34003	0.106926	0.750632	-1.33221	0.76807	0.952947	-1.04938	0.786716	0.956762	-1.04519	0.00127363	0.464894	-2.15103	0.900301	0.97978	-1.02064	0.0216088	0.637899	-1.56765	0.405003	0.870352	-1.14896	0.208461	0.805644	-1.24124	3.67589	1.54635	0.373931	1
cg03314158	LOC652276	0.0493215	0.360105	1.40316	1.40316	0.427544	1.33861	1.33861	0.0272977	2.56069	2.56069	0.118723	1.83986	1.83986	0.209283	0.620992	-1.61033	0.380432	0.723322	-1.38251	0.0177663	0.354273	-2.82269	0.95971	0.981977	-1.01835	0.0647092	2.11057	2.11057	3.40576	6.99107	1.82464	1
cg15844144	LOC653113	0.00773475	0.887927	1.01743	1.01743	0.00636438	1.54536	1.54536	0.0899883	1.25739	1.25739	0.0346173	0.739384	-1.35248	0.132381	0.819528	-1.22021	0.00411432	0.623941	-1.60272	0.0108609	0.675705	-1.47994	0.224269	0.855162	-1.16937	0.85917	0.978468	-1.02201	6.41174	1.52541	0.211474	1
cg22244214	LOC653113	0.0142823	0.974248	0.99497	-1.00506	0.00161511	0.493513	-2.02629	0.364519	0.864531	-1.1567	0.175041	0.798256	-1.25273	0.012127	0.61355	-1.62986	0.0161525	0.631437	-1.58369	0.255859	0.830856	-1.20358	0.00347399	0.538127	-1.8583	0.722746	0.945868	-1.05723	5.26519	2.03516	0.343583	1
cg22853947	LOC653113	0.0327562	0.10769	0.675994	-1.4793	0.808408	0.947255	-1.05568	0.00361952	0.415473	-2.4069	0.298016	0.786133	-1.27205	0.0121007	0.49769	-2.00928	0.0148925	0.512731	-1.95034	0.477348	0.851162	-1.17486	0.450647	1.18702	1.18702	0.153804	0.711346	-1.40579	3.96059	3.12085	0.700423	1
cg05494709	LOC653113	0.0440111	0.380489	0.807462	-1.23845	0.269281	0.760709	-1.31456	0.022828	1.9109	1.9109	0.285682	1.30162	1.30162	0.011214	0.469817	-2.12849	0.929535	0.979193	-1.02125	0.0383882	1.76892	1.76892	0.606299	1.13155	1.13155	0.548424	1.1553	1.1553	3.55493	3.182	0.79564	1
cg26012927	LOC653486;SCGB1C1	0.000163444	9.29E-05	0.215189	-4.64707	0.000219447	0.257459	-3.88412	0.00845602	0.476789	-2.09736	0.00299218	0.407789	-2.45225	0.000311939	0.275813	-3.62565	0.00166409	0.371229	-2.69375	0.000105313	0.221116	-4.52251	0.000109393	0.222931	-4.4857	0.00255827	0.397865	-2.51342	19.4024	14.9129	0.683208	1
cg08989979	LOC653486;SCGB1C1	0.00959356	0.0922494	0.77741	-1.28632	0.155025	0.813207	-1.2297	0.00287655	0.572903	-1.7455	0.112508	0.790772	-1.26459	0.0344098	0.715176	-1.39826	0.16009	1.2262	1.2262	0.410743	1.12108	1.12108	0.00281104	0.571627	-1.74939	0.014428	0.663877	-1.5063	5.98945	1.75114	0.259885	1
cg18276135	LOC653486;SCGB1C1	0.0215311	0.0177596	0.350779	-2.8508	0.00954933	0.303352	-3.2965	0.0448137	0.433017	-2.30938	0.16376	0.582709	-1.71612	0.00553198	0.26581	-3.76209	0.0618574	0.465697	-2.14732	0.0114467	0.316651	-3.15806	0.0442484	0.431778	-2.316	0.0296964	0.394536	-2.53462	4.58769	9.59637	1.85935	1
cg15182320	LOC653486;SCGB1C1	0.0366854	0.00221407	0.0990537	-10.0955	0.129869	0.413869	-2.41622	0.119507	0.402174	-2.48648	0.428354	0.646635	-1.54647	0.0388484	0.275371	-3.63146	0.118957	0.401537	-2.49043	?	?	?	0.0470115	0.293536	-3.40674	0.0558215	0.310913	-3.21634	3.86272	15.8095	4.09283	1
cg07844563	LOC653566	5.99E-05	0.565864	0.884214	-1.13095	0.813737	1.05132	1.05132	0.000204032	0.267143	-3.74331	2.50E-06	0.0892286	-11.2072	9.86E-05	0.23083	-4.33219	0.0547129	0.630006	-1.58729	0.000288757	0.285357	-3.50438	0.959153	1.01092	1.01092	0.0347814	0.593509	-1.68489	25.376	18.0669	0.63286	1
cg27573570	LOC653566	0.00279059	0.00102659	0.356878	-2.80207	0.964901	1.00936	1.00936	0.0097377	0.500401	-1.9984	0.0736316	0.655531	-1.52548	0.00191268	0.394279	-2.53627	0.00256778	0.412568	-2.42384	0.000716785	0.336043	-2.97581	0.0690786	0.650029	-1.53839	0.199735	0.750607	-1.33226	8.74367	6.20955	0.631268	1
cg17037018	LOC653566	0.00282866	0.693989	0.84839	-1.1787	0.00169622	0.154992	-6.45194	0.856801	1.07799	1.07799	0.0130124	0.277698	-3.60104	0.0156062	0.291485	-3.43071	0.0189949	0.307025	-3.25706	0.000129906	0.06305	-15.8604	0.0686337	0.428512	-2.33366	0.543346	0.774312	-1.29147	8.70868	23.8445	2.4338	1
cg03765260	LOC653566	0.00468704	0.258789	1.1331	1.1331	0.112583	0.832606	-1.20105	0.00670947	0.688743	-1.45192	0.00230397	0.636531	-1.57102	0.00616463	0.684604	-1.4607	0.153316	0.8503	-1.17606	0.00691654	1.4488	1.4488	0.260975	0.883082	-1.1324	0.167249	0.855435	-1.169	7.48456	1.33335	0.158353	1
cg20945221	LOC653566	0.00588134	0.594801	1.15391	1.15391	0.825552	0.942833	-1.06063	0.0029647	0.337032	-2.96707	0.878172	1.04175	1.04175	0.000165694	0.180623	-5.5364	0.114126	0.632349	-1.58141	0.359048	0.777642	-1.28594	0.880566	1.04091	1.04091	0.207125	0.701336	-1.42585	6.98206	7.86364	1.00112	1
cg16411683	LOC653566	0.00640677	0.716083	1.11802	1.11802	0.0568801	1.93125	1.93125	0.082961	1.79736	1.79736	0.739573	0.90313	-1.10726	0.0235608	0.437852	-2.28388	0.699388	0.888246	-1.12581	0.000234592	0.155237	-6.44175	0.804067	0.926893	-1.07887	0.513135	0.81664	-1.22453	6.79977	10.0454	1.31317	1
cg24086329	LOC653653	0.0023108	0.124579	1.35551	1.35551	0.0115229	0.560987	-1.78257	0.546384	1.11814	1.11814	0.000373151	0.353023	-2.83267	0.125196	1.35473	1.35473	0.0418139	1.53599	1.53599	0.00296016	2.10911	2.10911	0.983928	1.00369	1.00369	0.886259	0.974158	-1.02653	9.24329	4.89892	0.471109	1
cg20930685	LOC653653	0.0383566	0.690747	1.05556	1.05556	0.0599471	0.750544	-1.33237	0.363596	0.881403	-1.13456	0.62692	0.935917	-1.06847	0.468575	0.905102	-1.10485	0.0128575	1.51842	1.51842	0.00972494	1.55609	1.55609	0.984389	1.00265	1.00265	0.185711	0.827187	-1.20892	3.74033	1.08292	0.257357	1
cg10318359	LOC653786	0.0171648	0.0383191	0.321023	-3.11504	0.0212282	0.269522	-3.71027	0.0292818	0.29654	-3.37223	0.0562781	0.35943	-2.78218	0.0050344	0.172705	-5.79021	0.0218692	0.271925	-3.67748	0.0128763	0.231805	-4.31397	0.00605404	0.183236	-5.45744	0.0653421	0.37558	-2.66255	4.95347	17.5793	3.15457	1
cg04739156	LOC654342	0.0062694	0.0712923	0.344813	-2.90012	0.000978931	0.0749142	-13.3486	0.507307	1.42697	1.42697	0.405783	1.56761	1.56761	0.0336502	0.269432	-3.71152	0.108636	2.52173	2.52173	0.00335984	0.121369	-8.23931	0.207488	2.01889	2.01889	0.247123	0.527486	-1.89579	6.84558	30.2888	3.93296	1
cg17178504	LOC654342	0.0148274	0.0103794	0.692409	-1.44423	0.198477	0.856627	-1.16737	0.0708418	0.794653	-1.25841	0.573531	1.06691	1.06691	0.00144622	0.592019	-1.68913	0.0577942	0.783272	-1.2767	0.0722902	0.795796	-1.2566	0.422073	1.09789	1.09789	0.0185648	0.722485	-1.38411	5.20056	1.0681	0.182562	1
cg09398466	LOC654342	0.0178805	0.115593	0.820287	-1.21909	0.00172008	0.595653	-1.67883	0.407002	0.906437	-1.10322	0.534075	1.07566	1.07566	0.0416609	0.761877	-1.31255	0.229385	0.864099	-1.15728	0.948098	0.992489	-1.00757	0.0277148	1.35172	1.35172	0.0645599	0.78627	-1.27183	4.88606	1.03791	0.188821	1
cg22697572	LOC654342	0.0179524	0.14643	0.549735	-1.81906	0.00325464	0.214375	-4.66473	0.567639	1.24823	1.24823	0.283228	1.53409	1.53409	0.0274322	0.367409	-2.72176	0.966452	0.983987	-1.01627	0.00540168	0.245231	-4.07779	0.285577	1.53066	1.53066	0.248096	0.629114	-1.58954	4.87947	11.3847	2.07395	1
cg24829460	LOC654342	0.0215328	0.39108	0.741517	-1.34859	0.11137	0.554231	-1.8043	0.426407	1.31835	1.31835	0.248476	1.50765	1.50765	0.192605	0.625443	-1.59887	0.277759	1.46832	1.46832	0.00399275	0.267983	-3.73158	0.0126506	2.87153	2.87153	0.211159	0.638696	-1.56569	4.58757	8.41475	1.63045	1
cg23081542	LOC723809	0.00132681	0.0479562	1.57363	1.57363	0.00952253	1.932	1.932	0.0102665	0.522724	-1.91305	0.0528204	1.55481	1.55481	0.00139367	0.395067	-2.53121	0.569132	1.1223	1.1223	0.00541179	2.08355	2.08355	0.00185982	2.42414	2.42414	0.153342	1.35878	1.35878	10.8554	6.91322	0.566084	1
cg21581312	LOC723972	0.000295887	0.100745	1.32268	1.32268	0.000180195	0.372969	-2.68119	0.000127722	0.354646	-2.81971	0.915767	0.983676	-1.0166	0.45414	0.888146	-1.12594	0.796557	0.960605	-1.04101	0.000316697	2.47822	2.47822	0.403549	0.875485	-1.14222	0.0182908	0.640479	-1.56133	16.5124	6.32934	0.340719	1
cg17014947	LOC723972	0.00112349	0.216052	1.17035	1.17035	0.00125717	0.566065	-1.76658	0.00302452	0.611979	-1.63404	0.928005	1.01098	1.01098	0.00391934	0.625576	-1.59853	0.375419	1.11618	1.11618	0.000599555	1.89598	1.89598	0.62106	0.941568	-1.06206	0.0417502	0.753082	-1.32788	11.3836	2.63202	0.205521	1
cg11819497	LOC723972	0.00719442	0.101131	0.68068	-1.46912	0.0070147	0.473799	-2.1106	0.0155698	0.529617	-1.88816	0.0518924	0.622532	-1.60634	0.0041055	0.438253	-2.28179	0.0898693	0.669923	-1.49271	0.00304653	0.419066	-2.38626	0.539892	0.87549	-1.14222	0.00130892	0.366946	-2.7252	6.5588	4.76905	0.646331	1
cg08682625	LOC727677	0.000828146	0.00927319	0.642453	-1.55653	0.0129842	0.661563	-1.51157	0.00150401	0.541738	-1.84591	0.00261759	0.572081	-1.748	0.909182	1.01541	1.01541	0.0833196	1.29294	1.29294	0.00367081	1.69284	1.69284	0.00233759	1.7672	1.7672	0.789447	0.964768	-1.03652	12.4107	3.53024	0.252846	1
cg26974035	LOC727677	0.0161563	0.00645845	1.66371	1.66371	0.00177943	1.89539	1.89539	0.187164	0.817947	-1.22257	0.746727	1.04768	1.04768	0.483287	1.10784	1.10784	0.104412	0.7748	-1.29066	0.131265	1.2639	1.2639	0.337999	1.15255	1.15255	0.597586	0.926286	-1.07958	5.05461	1.65403	0.290873	1
cg04557423	LOC727677	0.024943	0.919107	1.02089	1.02089	0.0213725	0.569625	-1.75554	0.376034	0.831208	-1.20307	0.490667	1.15312	1.15312	0.314978	0.809411	-1.23547	0.632307	0.906556	-1.10308	0.00187004	2.45419	2.45419	0.490964	0.867298	-1.15301	0.0982277	0.691373	-1.4464	4.3607	2.86014	0.583014	1
cg08247852	LOC728024;ERLIN2	5.97E-05	0.958678	0.987146	-1.01302	0.0957647	1.57911	1.57911	0.529631	0.852993	-1.17234	0.684056	0.902885	-1.10756	2.01E-06	0.0534955	-18.6931	3.70E-05	0.13786	-7.25371	0.375754	1.25481	1.25481	0.1487	1.4722	1.4722	0.747903	1.08385	1.08385	25.3964	25.0789	0.877777	1
cg05020125	LOC728024;ERLIN2	0.000606169	0.958952	1.01162	1.01162	0.276621	0.775626	-1.28928	0.426243	0.833251	-1.20012	0.475696	1.17686	1.17686	7.81E-05	0.200937	-4.97669	0.000144881	0.230097	-4.34599	0.0124547	2.01021	2.01021	0.184705	1.37147	1.37147	0.562821	1.14038	1.14038	13.5452	10.8157	0.70977	1
cg21505509	LOC728024;ERLIN2	0.000889365	0.83029	1.07519	1.07519	0.264687	1.48089	1.48089	0.890943	1.04743	1.04743	0.815297	0.924008	-1.08224	3.24E-05	0.0652746	-15.3199	0.00105886	0.194889	-5.13113	0.108356	1.80689	1.80689	0.1199	1.76804	1.76804	0.870052	1.05686	1.05686	12.1635	21.9764	1.606	1
cg09188212	LOC728024;ERLIN2	0.00100198	0.021902	0.410525	-2.43591	0.234005	0.667699	-1.49768	0.055799	0.495823	-2.01685	0.0375267	0.457806	-2.18433	1.59E-05	0.0559585	-17.8704	0.00125331	0.217512	-4.59746	0.162438	0.617037	-1.62065	0.601347	0.843105	-1.18609	0.411044	0.761744	-1.31278	11.7599	19.5215	1.47556	1
cg00450319	LOC728024;ERLIN2	0.00169647	0.0843129	0.49444	-2.02249	0.0879449	0.499286	-2.00286	0.0469979	0.43234	-2.31299	0.0333439	0.39962	-2.50238	9.33E-05	0.0764897	-13.0736	0.000563547	0.139233	-7.18222	0.0092776	0.295939	-3.37907	0.348877	1.42717	1.42717	0.77942	0.901622	-1.10911	10.1139	21.7905	1.91513	1
cg13346869	LOC728024;ERLIN2	0.0107519	0.826782	1.08355	1.08355	0.207046	0.614362	-1.6277	0.978131	0.990014	-1.01009	0.960702	1.0182	1.0182	0.00159838	0.190538	-5.24828	0.00252959	0.21552	-4.63994	0.107656	1.9018	1.9018	0.21481	1.61299	1.61299	0.316973	1.46046	1.46046	5.77478	12.2598	1.8871	1
cg00007675	LOC728024;ERLIN2	0.013695	0.0193498	0.3404	-2.93772	0.988162	1.0055	1.0055	0.551289	1.25008	1.25008	0.297479	0.669356	-1.49397	0.000747661	0.131687	-7.59375	0.096075	0.503859	-1.98468	0.45065	1.32965	1.32965	0.0723563	2.12553	2.12553	0.279515	0.658334	-1.51899	6.01294	12.7371	1.64756	1
cg11496432	LOC728024;ERLIN2	0.0185598	0.718224	1.10432	1.10432	0.448776	0.809457	-1.2354	0.221115	0.703113	-1.42225	0.7299	1.09957	1.09957	0.00412165	0.348672	-2.86803	0.00646164	0.379182	-2.63726	0.0490792	1.8501	1.8501	0.148013	1.52957	1.52957	0.515786	1.19776	1.19776	4.8251	5.73104	1.05578	1
cg20482341	LOC728190	0.0437486	0.0167209	0.271788	-3.67934	0.249887	0.584906	-1.70968	0.214577	0.558377	-1.79091	0.71198	0.847562	-1.17986	0.0621166	0.391913	-2.55159	0.0306503	0.322202	-3.10365	0.00529015	0.194061	-5.15303	0.598368	0.788934	-1.26753	0.0230533	0.29756	-3.36067	3.56287	11.2245	2.80036	1
cg02529358	LOC728264	0.000956119	0.797499	1.04057	1.04057	0.00273661	1.89566	1.89566	0.142212	0.78348	-1.27636	0.0163076	0.634953	-1.57492	0.00122067	0.481011	-2.07895	0.00267482	1.90045	1.90045	0.00329363	0.538352	-1.85752	0.0508048	1.41077	1.41077	0.197594	1.23446	1.23446	11.9171	4.51442	0.336728	1
cg04707715	LOC728264	0.0111106	0.0156184	0.431546	-2.31725	0.0709542	1.77167	1.77167	0.130799	0.62968	-1.58811	0.0186803	0.445701	-2.24366	0.000826367	0.239854	-4.1692	0.66316	1.13229	1.13229	0.267085	0.720526	-1.38788	0.622893	0.868912	-1.15086	0.146148	0.642573	-1.55624	5.71406	7.27308	1.13141	1
cg17856005	LOC728264;MIR145	0.000101031	7.38E-05	0.273369	-3.65806	4.22E-05	0.245972	-4.06551	0.000154836	0.311434	-3.21095	0.000662778	0.391267	-2.5558	0.000187938	0.321691	-3.10857	0.00308846	0.482442	-2.07279	0.000105425	0.291458	-3.43102	0.00491723	0.511356	-1.95558	0.00168771	0.44584	-2.24296	22.0799	11.3303	0.456135	1
cg23444894	LOC728276	0.00677464	0.671337	0.937926	-1.06618	0.0607094	0.727975	-1.37367	0.371349	1.14777	1.14777	0.497938	1.10883	1.10883	0.0518055	1.39415	1.39415	0.66027	0.935745	-1.06867	0.00374813	1.79965	1.79965	0.00125716	0.493049	-2.0282	0.147024	0.791628	-1.26322	6.68289	2.38614	0.31738	1
cg26534057	LOC728276	0.0104048	0.00100305	0.235462	-4.24697	0.00469669	0.328686	-3.04242	0.0543289	0.523834	-1.909	0.649234	0.873196	-1.14522	0.0298807	0.469226	-2.13117	0.41362	1.28081	1.28081	0.0281493	0.464072	-2.15484	0.686477	1.12768	1.12768	0.0885623	0.573299	-1.74429	5.83597	8.10485	1.23447	1
cg16621633	LOC728276	0.0172322	0.0160437	0.225887	-4.42699	0.2964	1.72722	1.72722	0.200564	0.505381	-1.9787	0.0486447	0.320835	-3.11687	0.00631335	0.16607	-6.02156	0.134342	0.442669	-2.25903	0.00354456	0.135999	-7.35299	0.520291	1.38952	1.38952	0.0918437	0.391865	-2.5519	4.94697	19.9636	3.58712	1
cg06823863	LOC728276	0.0373986	0.856225	1.03985	1.03985	0.00748205	0.476235	-2.0998	0.51335	0.866913	-1.15352	0.89061	1.03009	1.03009	0.561783	1.13473	1.13473	0.015242	1.90035	1.90035	0.0223692	1.80333	1.80333	0.935883	0.982815	-1.01749	0.954569	1.01235	1.01235	3.77508	2.77533	0.653486	1
cg10285873	LOC728323	0.00513963	0.0187786	0.49025	-2.03978	0.148481	0.683588	-1.46287	0.54401	1.16112	1.16112	0.00725354	2.40239	2.40239	0.003853	2.69867	2.69867	0.0142158	2.13729	2.13729	0.536297	1.16456	1.16456	0.101815	1.55428	1.55428	0.00261845	2.90762	2.90762	8.43559	7.71003	0.71088	1
cg09523909	LOC728323	0.00733637	0.00282169	0.396496	-2.52209	0.159697	1.40199	1.40199	0.108575	0.674607	-1.48234	0.228267	1.32895	1.32895	0.108045	0.674136	-1.48338	0.0161243	1.93883	1.93883	0.00353999	0.411042	-2.43284	0.819204	1.05284	1.05284	0.435117	0.836039	-1.19612	6.51887	5.22158	0.711995	1
cg23502639	LOC728392	0.00271008	0.00281316	0.363439	-2.75149	0.000840459	0.29077	-3.43915	0.812839	1.06006	1.06006	0.683984	0.90426	-1.10588	0.00198651	0.341633	-2.92712	0.0358286	0.548495	-1.82317	0.000624448	0.274193	-3.64707	0.0634465	0.598541	-1.67073	0.139174	0.676088	-1.4791	8.81968	8.44782	0.851411	1
cg15754901	LOC728392	0.00534534	0.247132	0.787008	-1.27064	0.299146	1.23737	1.23737	0.982533	1.00434	1.00434	0.0606547	1.51987	1.51987	0.00703975	0.50181	-1.99278	0.000911982	0.37479	-2.66816	0.029875	0.603035	-1.65828	0.00705643	0.501967	-1.99216	0.632665	1.1	1.1	7.1902	4.4611	0.551504	1
cg15045292	LOC728392	0.0295392	0.0419185	1.83151	1.83151	0.465611	1.21125	1.21125	0.00615736	2.51519	2.51519	0.074915	1.66857	1.66857	0.0986666	1.59581	1.59581	0.610137	0.875705	-1.14194	0.0102252	2.30632	2.30632	0.215545	1.39996	1.39996	0.0111356	2.27352	2.27352	4.10934	4.33576	0.937866	1
cg27507261	LOC728392	0.0346255	0.154871	1.39839	1.39839	0.946907	1.01478	1.01478	0.00538331	2.2413	2.2413	0.0427698	1.67134	1.67134	0.425353	1.19637	1.19637	0.538277	1.1471	1.1471	0.00708656	2.15183	2.15183	0.566467	0.880182	-1.13613	0.0302196	1.75285	1.75285	3.8822	2.98257	0.682905	1
cg06462347	LOC728392;LOC728392	0.00459477	0.00161184	0.679264	-1.47218	0.00905528	1.32804	1.32804	0.00692186	1.3484	1.3484	0.863984	0.985443	-1.01477	0.551925	1.05282	1.05282	0.806202	1.02124	1.02124	0.0352994	0.810863	-1.23325	0.952028	1.00516	1.00516	0.0204939	1.2697	1.2697	7.52993	0.872316	0.102975	1
cg00343839	LOC728392;LOC728392	0.015445	0.522826	1.08718	1.08718	0.448026	1.10496	1.10496	0.00214314	1.74463	1.74463	0.00724243	1.56397	1.56397	0.0518814	1.33047	1.33047	0.245796	0.854978	-1.16962	0.18571	0.834334	-1.19856	0.185218	0.834145	-1.19883	0.321704	1.14127	1.14127	5.13079	1.35381	0.234543	1
cg22298430	LOC728392;LOC728392	0.015992	0.0988635	0.659159	-1.51708	0.00828739	2.387	2.387	0.0390588	1.77139	1.77139	?	?	?	?	?	?	0.580201	0.885407	-1.12942	0.254729	0.767325	-1.30323	0.00458887	2.72659	2.72659	0.203601	1.35128	1.35128	8.44657	4.47291	0.378252	1
cg16558432	LOC728392;LOC728392	0.03337	0.0483698	1.47415	1.47415	0.449441	0.875811	-1.1418	0.110306	1.34906	1.34906	0.00910846	1.76835	1.76835	0.0141527	1.68349	1.68349	0.124339	0.751043	-1.33148	0.587449	1.09883	1.09883	0.352392	0.848195	-1.17897	0.292592	1.20666	1.20666	3.93425	1.8444	0.416715	1
cg09205190	LOC728392;NLRP1	0.045772	0.0440131	0.361124	-2.76913	0.470675	0.723991	-1.38123	0.869032	1.07533	1.07533	0.297756	1.60812	1.60812	0.0024191	0.155826	-6.4174	0.235948	0.578911	-1.72738	0.047063	0.367798	-2.71889	0.334991	0.645592	-1.54897	0.189035	0.542052	-1.84484	3.50312	10.7467	2.7269	1
cg18890249	LOC728407;PARG	0.011193	0.00920361	0.39277	-2.54602	0.192406	0.677092	-1.4769	0.023408	0.465133	-2.14992	0.666627	0.884713	-1.13031	0.00924972	0.393134	-2.54366	0.0016433	0.27971	-3.57513	0.00590602	0.361339	-2.76748	0.611754	0.865307	-1.15566	0.0368832	0.504024	-1.98403	5.70047	7.21204	1.12459	1
cg16083082	LOC728407;PARG	0.0351698	0.336755	1.52443	1.52443	0.0144163	3.61014	3.61014	0.0134635	3.67822	3.67822	0.0198585	0.302099	-3.31017	0.653855	1.21184	1.21184	?	?	?	0.849543	1.0842	1.0842	0.457322	1.38019	1.38019	0.339021	1.52124	1.52124	3.92299	10.0084	2.55121	1
cg18382744	LOC728411;LOC728411	0.047708	0.0231581	0.351009	-2.84893	0.359162	1.43847	1.43847	0.634871	1.20259	1.20259	0.141832	1.83874	1.83874	0.00926686	0.279899	-3.57271	0.386913	1.40778	1.40778	0.13643	0.538625	-1.85658	0.593495	0.812398	-1.23092	0.132346	0.534582	-1.87062	3.44891	8.12273	2.09347	1
cg18355133	LOC728411;LOC728411;LOC728411	0.00148761	0.0252296	1.31352	1.31352	0.869617	1.01698	1.01698	0.0023101	0.646433	-1.54695	0.164603	0.859033	-1.1641	0.0334944	0.775251	-1.2899	0.738126	0.966198	-1.03498	5.85E-05	0.466295	-2.14456	0.681364	0.958573	-1.04322	0.0667285	0.810044	-1.2345	10.5046	1.74723	0.147849	1
cg17735043	LOC728411;LOC728411;LOC728411	0.00756544	0.329637	0.924786	-1.08133	0.0883321	0.864025	-1.15737	0.173396	1.11917	1.11917	0.0607921	0.848503	-1.17855	0.00132985	0.695777	-1.43724	0.0262118	0.814669	-1.22749	0.209239	1.10835	1.10835	0.0135977	0.788754	-1.26782	0.0639447	1.17567	1.17567	6.45641	0.617723	0.0850452	1
cg26383282	LOC728411;LOC728411;LOC728411	0.00757301	0.00260649	0.665599	-1.50241	0.00593192	0.706238	-1.41595	0.00166549	0.643074	-1.55503	0.0193567	0.763593	-1.3096	0.415605	1.0803	1.0803	0.922389	0.991024	-1.00906	0.203439	0.882284	-1.13342	0.0176569	0.759155	-1.31725	0.667522	1.04083	1.04083	7.39685	0.981723	0.103228	1
cg19379178	LOC728448	0.000615654	0.547677	1.09656	1.09656	0.000901504	0.471152	-2.12246	0.393086	0.875865	-1.14173	0.537126	1.0993	1.0993	3.07E-05	0.291241	-3.43358	0.168413	1.24902	1.24902	0.00268874	0.533429	-1.87466	0.168221	1.24916	1.24916	0.591974	0.921301	-1.08542	13.4866	4.90266	0.323129	1
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(1057 vs. N)	Fold-Change(1 vs.N)	p-value(1117 vs. N)	Fold-Change(1 vs.N)	p-value(1127 vs. N)	Fold-Change(1 vs.N)	p-value(1217 vs. N)	Fold-Change(1 vs.N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs.N)	p-value(5377 vs. N)	Fold-Change(5 vs.N)	p-value(5637 vs. N)	Fold-Change(5 vs.N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg11364073	LOC728743;ZBB20	0.032571	0.02228615	0.637286	0.56916	1.200723	0.24915	1.24915	0.7763	1.04801	1.04801	0.902881	1.02028	1.02028	0.06900336	1.39787	1.39787	0.00372729	1.93948	1.93948	0.653607	0.92834	1.07719	0.552354	1.10402	1.10402	0.1346	1.30405	3.98865	1.70318	0.381474	1
cg18943917	LOC728743	0.00171018	0.202878	1.34408	1.34408	0.11313	1.46125	1.46125	0.010606	1.48533	1.48533	0.0526606	1.6235	1.6235	0.08615828	1.51755	1.51755	0.833339	1.04744	1.04744	2.266-05	6.47473	6.47473	0.00359478	2.38044	2.38044	0.356783	1.23182	10.09003	7.73322	0.681243	1
cg08450280	LOC728743	0.00529697	0.000569479	0.593917	-1.68374	0.17525	1.15111	1.15111	0.02405515	0.768955	-1.30047	0.958257	1.00512	1.00512	0.2748222	0.895011	-1.1173	0.107223	0.842275	-1.18726	0.79519	1.02572	1.02572	0.60582	0.95045	-1.05213	0.00440189	1.44943	1.44943	7.23545	1.09214	0.134171	1
cg05836556	LOC728743	0.01180106	0.00594422	0.591185	-1.69166	0.1658899	1.43172	1.43172	-2.31926	0.3749251	0.565371	-1.76875	0.268599	1.0179997	-1.39276	0.09202033	0.386409	-2.58753	0.01498967	0.422738	-2.36553	0.00251957	0.2998766	-3.13471	0.0609963	0.544924	-1.83512	0.0172441	0.434233	-2.30291	4.87416	6.38141	1.16376	1
cg23896514	LOC728743	0.0184983	0.007713014	0.457589	-2.18537	0.471272	1.18219	1.18219	0.76641	1.07041	1.07041	0.0435186	0.588515	-1.69919	0.00930713	0.47072	-2.1244	0.0696326	0.629119	-1.58952	0.00485302	0.426179	-2.34676	0.777697	1.06078	1.06078	0.125681	0.684903	-1.46006	4.8305	3.9906	0.734333	1
cg00499509	LOC728855	0.00162977	0.000492264	0.413303	-2.41913	0.0663276	0.71516	-1.3928	0.00496318	0.545794	-1.83219	0.117743	0.7599391	-1.19326	0.203446	0.803703	-1.24424	0.555531	0.9075	-1.10193	0.000278127	0.37977	-2.63317	0.000859751	0.430748	-2.32154	0.0112527	0.596363	-1.67683	10.2318	4.29424	0.373062	1
cg10431842	LOC728855	0.0125021	0.763328	1.04965	1.04965	0.003012313	1.92058	1.92058	0.602581	1.08795	1.08795	0.143845	1.28658	1.28658	0.343922	0.85518	-1.16934	0.131677	0.770186	-1.29839	0.0125003	1.64644	1.64644	0.124929	1.30543	1.30543	0.0178124	0.629863	-1.58765	5.49975	2.24281	0.362492	1
cg12596605	LOC728855	0.0155364	0.00135419	0.141582	-7.06304	0.07627249	0.436655	-2.29214	0.133576	0.510772	-1.95782	0.0751457	0.49495	-2.29912	0.003093578	0.18255	-5.47795	0.780788	0.889401	-1.12435	0.765199	1.13662	1.13662	0.620576	0.810387	-1.23124	0.345929	0.664615	-1.50463	4.74216	13.2564	2.48483	1
cg02900017	LOC728855;LOC728855;LOC728875	0.00896523	0.0236466	1.17574	1.17574	0.0516245	0.875692	-1.14195	0.34124	0.942927	-1.06053	0.7824006	0.983547	-1.01673	0.1355442	0.908103	1.1012	0.758252	0.981671	-1.01867	0.01113389	0.826978	-1.20922	0.00157083	1.31275	1.31275	0.73207	0.979617	-1.02081	6.11989	0.348029	0.0505499	1
cg19781248	LOC728855;LOC728855;LOC728875	0.024681	0.0494042	0.604549	-1.65413	0.4483555	1.18935	1.18935	0.234932	0.756244	-1.32232	0.637156	1.11252	1.11252	0.392842	0.821645	-1.21707	0.778111	0.938569	-1.06545	0.00128672	0.348895	-2.86619	0.271381	1.29301	1.29301	0.0274775	0.556979	-1.7954	4.37672	3.49127	0.709057	1
cg09179404	LOC728855;LOC728855;LOC728875	0.0199338	0.3180836	0.830295	-1.20458	0.0075542	0.556469	-1.79705	0.200966	0.794213	-1.25911	0.0164609	0.6486	1.6486	0.637325	0.604755	-1.65312	0.915541	1.01042	1.01042	0.187246	1.26927	1.26927	0.794171	1.04561	1.04561	0.105329	0.779588	-1.2521	1.68539	0.609889	0.409689	1
cg18002437	LOC728875	0.00215	0.001114343	0.374072	-2.67328	0.041407	1.62489	-1.62849	0.00602492	0.478183	-2.09125	0.0298869	0.591339	-1.69108	0.001888576	0.404303	-2.47339	0.000783325	0.351956	-2.84126	0.00297648	0.432585	-2.31169	0.0774405	0.667926	-1.49737	0.00179033	0.403102	-2.49357	9.44054	6.32094	0.595158	1
cg19372721	LOC728875	0.00153287	0.00080594	0.445919	-2.38368	0.0171556	2.02327	2.02327	0.0379063	0.625981	-1.60852	0.0458787	1.74235	1.74235	0.009313551	0.449331	-2.22553	0.138922	1.41726	1.41726	0.00616475	0.23912	2.37932	0.265741	0.667926	-1.32495	0.0393354	1.78323	1.78323	8.23422	7.72565	0.828705	1
cg11520194	LOC728875	0.00996113	0.9390806	1.00713	1.00713	0.00400449	0.698178	-2.4123	0.00492149	0.41353	-1.41353	0.991858	0.999053	-1.00095	0.2692911	0.948668	-1.1408	0.906623	0.989158	-1.01096	0.623105	1.04709	1.04709	0.00779971	1.37343	1.37343	0.0697126	1.20737	1.20737	5.91799	0.80891	0.121499	1
cg03521775	LOC728875	0.0102084	0.00589848	0.460434	-2.17186	0.00052856	0.312822	-3.1967	0.0675703	0.643493	-1.55402	0.7329497	0.926503	-1.07933	0.0251237	0.56359	-1.77434	0.10721	0.68488	-1.46011	0.187843	0.740476	-1.35048	0.367452	1.22054	1.22054	0.0835663	0.662138	-1.51026	5.87113	4.30944	0.652383	1
cg18229384	LOC728875	0.0195972	7	7	0.853397	0.907868	-1.10148	0.54851	1.37933	1.37933	1.37933	0.496522	1.4344	1.4344	7	7	7	0.854202	0.908405	-1.1083	0.00232066	0.108304	-9.23329	0.00655514	0.15798	-6.32991	0.626563	1.29204	1.29204	4.9318	16.5871	3.84377	1
cg12410570	LOC728875	0.0250341	0.3557551	0.855316	-1.16916	0.01510142	1.63751	1.63751	0.782256	1.04683	1.04683	0.091614	1.35908	1.35908	0.652094	1.07785	1.07785	0.250448	0.820074	-1.2194	0.00405854	1.89129	1.89129	0.0263107	1.54528	1.54528	0.373696	0.859994	-1.1628	4.35517	1.88184	0.384082	1
cg24877190	LOC728875	0.0320207	0.877653	1.04924	1.04924	0.000779457	0.226534	-4.41435	0.608794	0.860018	-1.16277	0.934078	1.02824	1.02824	0.162331	0.647259	-1.54622	0.908223	1.03426	1.03426	0.0624857	1.542315	1.84495	0.428455	1.32638	1.32638	0.677639	1.12989	1.12989	9.99295	5.39719	1.20149	1
cg02790862	LOC728927	0.00981441	0.101995	0.629501	-1.58856	0.8098620	0.939554	-1.06433	0.00187006	0.319566	-3.12925	0.00452381	0.3759664	-2.65983	0.0068751	0.49407	-2.47176	0.914944	0.961226	-2.16813	0.01115674	0.441993	-2.26248	0.920309	1.02621	1.02621	0.204194	1.07717	-1.08409	5.94615	2.26985	0.941321	1
cg04834097	LOC728927	0.0102131	0.32735	0.840219	-1.19017	0.0235935	0.627859	-1.59271	0.440489	1.14505	1.14505	0.00638448	1.84244	1.84244	0.139764	0.760648	-1.31467	0.145837	1.30846	1.30846	0.159256	0.7718518	-1.29564	0.00872576	1.77774	1.77774	0.0346389	1.52822	1.52822	5.87086	2.75649	0.417351	1
cg26592281	LOC728927	0.0343696	0.0063319	0.508324	-1.96705	0.2744973	1.02602	1.02602	0.880605	1.02602	1.02602	0.880605	1.02602	1.02602	0.272782	0.804715	-1.24262	0.0317464	0.615025	-1.6258	0.0147482	0.5010161	0.494375	-2.02251	0.907476	-1.02879	0.954403	1.04819	-1.18019	0.84327	1.23376	0.510083	1
cg00558500	LOC728927	0.0345293	0.00951698	0.357009	-2.80105	0.0403551	0.475862	-2.10145	0.00555019	0.318989	-3.1349	0.010772	0.56945	-1.75608	0.045005	0.486081	-2.05727	0.142448	0.60919	-1.63956	0.808655	1.07905	1.07905	0.286043	0.706493	-1.41544	0.0320421	0.454916	-2.19281	3.88611	6.05244	1.3844	1
cg21439880	LOC728927	0.0407405	0.932315	0.98346	-1.01682	0.2225754	0.801121	-1.24825	0.257975	0.803256	-1.24475	0.2532566	0.80375271	0.826206	-1.2102	0.7964	-1.25566	0.00375271	0.826206	-1.21027	0.2766143	0.7939558	1.11943	1.11943	0.1772428	1.20618	1.20618	0.0860435	0.971368	-1.02946	3.99953	0.583811	0.042336	1
cg09441331	LOC728989	0.00044353	0.631243	0.943438	-1.05995	0.00999526	0.675982	-1.47933	0.00300924	0.612779	-1.63191	0.00286036	0.610125	-1.63901	0.846269	1.02365	1.02365	0.023873	0.722833	-1.38344	1.57E-05	0.3414482	-2.92841	0.00621559	0.650848	-1.53646	0.000850568	0.546843	-1.82868	14.7744	3.39186	0.204068	1
cg24735611	LOC728989	0.0010387	0.591008	0.843952	-1.1849	0.0888249	0.004235	-2.85711	0.000229909	0.147607	-6.77474	0.8744885	0.951764	-1.05068	0.0319778	0.383058	-2.58359	0.000996417	0.216746	-4.6137	0.000266659	0.153854	-6.49955	0.740179	0.901156	-1.10969	0.230272	0.674603	-1.48235	10.8982	16.8825	1.37699	1
cg19504089	LOC728989	0.0014858	0.045261	0.695345	-1.43918	0.03144	0.427952	-2.33671	0.00060982	0.177111	-5.64417	0.0800598	0.314071	-3.18399	0.010005732	0.329705	-3.03298	0.003467128	0.257906	-3.87738	0.000234302	0.106391	-9.39925	0.000904787	0.322031	-3.10528	0.0035144	0.258739	-3.8649	10.5082	19.413	1.64215	1
cg13951007	LOC728989	0.0344033	0.3031116	0.653537	-1.53014	0.1415332	0.533278	-1.87836	0.0186244	0.320625	-3.11891	0.606129	0.812689	-1.23048	0.0244361	0.343286	-2.91302	0.02048	0.328399	-3.04508	0.02636699	0.3498865	-2.85807	0.00465783	0.222987	-4.48456	0.1375513	0.528451	-1.89233	3.88758	9.79101	2.2387	1
cg04168854	LOC729020	0.0026893	0.9315651	0.981013	-1.01935	0.3238553	0.732359	-1.36559	0.0933547	-1.07118	0.942122	1.32444	0.3337055	0.5764035	-1.74063	0.464597	0.846772	-1.18056	9.69E-05	0.0022859	0.6224459	-1.60625	0.4640297	0.2402764	0.4166	-2.40679	0.0208575	0.4402991	-2.22569	8.84918	6.59877	0.7030808	1
cg27251126	LOC729020	0.00707119	0.00686409	0.405351	-2.46699	0.0599731	1.72875	1.72875	0.70302	1.10385	1.10385	0.0261093	1.97567	1.97567	0.01478828	0.461285	-2.16786	0.049544	0.5610017	-1.78248	0.0622596	0.581936	-1.7184	0.0176971	1.20466	1.20466	0.745343	0.919372	-1.0877	6.59427	6.94926	0.93674	1
cg02689785	LOC729020	0.0224159	0.8071144	1.04897	1.04897	0.03544495	1.61386	1.61386	0.342452	1.21068	1.21068	0.403522	1.18185	1.18185	0.9641	1.00884	1.00884	0.0957376	1.42997	1.42997	0.00140394	2.46983	2.46983	0.1502	1.35185	1.35185	0.0434479	0.635139	-1.57446	4.52474	2.7378	0.537842	1
cg24206884	LOC729020;LOC729020	0.0032505	0.0029544	0.347889	-2.87447	0.581153	0.994078	-1.00596	0.00274266	0.643425	-2.41882	0.101546	0.6737129	-1.53611	0.0047246	0.544369	-1.84139	0.432744	0.817652	-1.22301	0.001455941	0.3512564	-5.17428	0.0217727	0.500334	-1.99864	0.0254105	0.512708	-1.95043	8.30554	8.15737	0.890193	1
cg11578784	LOC729020;LOC729020	0.0264133	0.869928	0.972204	-1.02893	0.0382286	0.661573	-1.51155	0.019469	0.615192	-1.62551	0.628864	0.919639	-1.08738	0.007445657	0.552762	-1.8091	0.017993	0.609948	-1.63948	0.07813556	0.140027	1.40027	0.205898	0.794912	-1.258	0.158277	0.77148	-1.29621	4.27444	2.00301	0.416536	1
cg21767537	LOC729020	0.0003262	0.1889042	1.18504	1.18504	0.0225774	0.801121	-1.24825	0.257975	0.803256	-1.24475	0.2532566	0.80375271	0.826206	-1.2102	0.7964	-1.25566	0.00375271	0.826206	-1.21027	0.2766143	0.7939558	1.11943	1.11943	0.1772428	1.20618	1.20618	0.0860435	0.971368	-1.02946	3.99953	0.583811	0.042336	1
cg19451033	LOC729080	0.00041582	0.00156133	1.71024	1.71024	0.0221781	0.723459	-1.38225	0.145823	0.831652	-1.20243	0.0903888	1.24642	1.24642	0.201492	0.852795	-1.17261	0.0780745	1.793651	-1.26	2.73E-05	2.65622	2.65622	0.0413849	1.32011	1.32011	0.0755005	0.791691	-1.26312	15.0608	3.32414	0.19619	1
cg06975261	LOC729080	0.0112706	0.66476	1.06192	1.06192	0.0056862	0.606667	-1.64835	0.0629753	0.749607	-1.33403	0.518254	1.09444	1.09444	0.92976	0.987929	-1.01222	0.62218	1.07083	1.07083	0.00732761	1.61024	1.61024	0.64991	1.06498	1.06498	0.759054	0.958496	-1.0431	4.02693	1.21079	0.267266	1
cg06915472	LOC729082	0.0407405	0.5622888	1.07466	1.07466	0.0968133	1.25034	1.25034	0.3328093	1.08758	1.08758	0.1354514	1.35473	1.35473	0.1042676	0.742766	-1.34683	0.2126266	0.8075271	1.25206	0.4202266	1.592702	1.59272	0.2764124	1.14824	1.14824	0.1482766	0.870138	0.8413803	0.971368	-1.02948	7.1242	2.211566	1
ch.15.42704SF	LOC729082	0.00686076	0.9700053	0.986981	-1.01319	0.0955087	0.52768	-1.89509	0.348929	1.40019	1.40019	0.0052933	0.277169	-3.6079	0.08698897	0.516974	-1.93433	0.000218213	0.116264	-8.60112	0.385539	0.7330552	-1.36416	0.2538316	0.6597	-1.51584	0.6070333	1.19853	1.19853	0.65666	12.8466	1.71546	1
cg07435215	LOC729082	0.0077099	0.363807	0.857713	-1.16605	0.0381623	0.564314	-1.59634	0.433855	1.14363	1.14363	0.240883	1.32422	1.32422	0.1128258	0.754767	-1.32505	0.1039334	0.645832	-1.5487	0.00170457	0.2723425	-3.67169	0.0242102	0.523401	-1.91107	0.0404912	0.547746	-1.82566	5.64122	0.5663	2.65589	1
cg24687635	LOC729082	0.0262845	0.194916	0.849458	-1.17722	0.361143	1.11819	1.11819	0.0572304	1.29174	1.29174	0.152476	0.833282	-1.20007	0.12225	0.819296	-1.22056	0.2906097	0.877669	-1.13938	0.0404625	1.32527	1.32527	0.443442	1.09745	1.09745	0.0016841	1.55171	1.55171	6.28176	0.960326	0.199363	1
cg04723632	LOC729082	0.0288647	0.433548	1.14305	1.14305	0.133439	1.31318	1.31318	0.303574	1.19516	1.19516	0.297299	0.8346221	-1.19815	0.6073307	0.916926	-1.0906	0.02048	0.328399	-3.04508	0.02636699	0.3498865	-2.85807	0.00465783	0.222987	-4.48456	0.1375513	0.528451	-1.89233	3.88758	9.79101	2.2387	1
cg07683944	LOC729082	0.0178702	0.3738811	0.779257	-1.28353	0.0381623	0.564314	-1.77053	0.1864247	1.12938	1.12938	0.1162502	1.12828	1.12828	0.0216502	0.886297	-1.12842	0.4649397	0.846772	-1.18056	9.69E-05	0.0022859	0.6224459	-1.60625	0.4640297	0.2402764	0.4166	-2.40679	0.0208575	0.4402991	-2.22569	8.84918	6.59877	0.7030808	1
cg27251126	LOC729020	0.00707119	0.00686409	0.405351	-2.46699	0.0599731	1.72875	1.72875	0.70302	1.10385	1.10385	0.0261093	1.97567	1.97567	0.01478828	0.461285	-2.16786	0.049544	0.5610017	-1.78248	0.0622596	0.581936	-1.7184	0.0176971	1.20466	1.20466	0.745343	0.919372	-1.0877	6.59427	6.94926	0.93674	1
cg02689785	LOC729020	0.0224159	0.8071144	1.04897	1.04897	0.03544495	1.61386	1.61386	0.342452	1.21068	1.21068	0.403522	1.18185	1.18185	0.9641	1.00884	1.00884	0.0957376	1.42997	1.42997	0.00140394	2.46983	2.46983	0.1502	1.35185	1.35185	0.0434479	0.635139	-1.57446	4.52474	2.7378	0.537842	1
cg24206884	LOC729020;LOC729020	0.0032505	0.0029544	0.347889	-2.87447	0.581153	0.994078	-1.00596	0.00274266	0.643425	-2.41882	0.101546	0.6737129	-1.53611	0.0047246	0.544369	-1.84139	0.432744	0.817652	-1.22301	0.001455941	0.3512564	-5.17428	0.0217727	0.500334	-1.99864	0.0254105	0.512708	-1.95043	8.30554	8.15737	0.890193	1
cg11578784	LOC729020;LOC729020	0.0264133	0.869928	0.972204	-1.02893	0.0382286	0.661573	-1.51155	0.019469	0.615192	-1.62551	0.628864	0.919639	-1.08738	0.007445657	0.552762	-1.8091	0.017993	0.609948	-1.63948	0.07813556	0.140027	1.40027	0.205898	0.794912	-1.258	0.158277	0.77148	-1.29621	4.27444	2.00301	0.416536	1
cg21767537	LOC729080	0.0003262	0.1889042	1.18504	1.18504	0.0225774	0.801121	-1.24825	0.257975	0.803256	-1.24475	0.2532566	0.80375271	0.826206	-1.2102	0.7964	-1.25566	0.00375271	0.826206	-1.21027	0.2766143	0.7939558	1.11943	1.11943	0.1772428	1.20618	1.20618	0.0860435	0.971368	-1.02946	3.99953	0.583811	0.042336	1
cg19451033	LOC729080	0.00041582	0.00156133	1.71024	1.71024	0.0221781	0.723459	-1.38225	0.145823	0.831652	-1.20243	0.0903888	1.24642	1.24642	0.201492	0.852795	-1.17261	0.0780745	1.793651	-1.26	2.73E-05	2.65622	2.65622	0.0413849	1.32011	1.32011	0.0755005	0.791691	-1.26312	15.0608	3.32414	0.19619	1
cg06975261	LOC729080	0.0112706	0.66476	1.06192	1.06192	0.0056862	0.606667	-1.64835	0.0629753	0.749607	-1.33403	0.518254	1.09444	1.09444	0.92976	0.987929	-1.01222	0.62218	1.07083	1.07083	0.00732761	1.61024	1.61024	0.64991	1.06498	1.06498	0.759054	0.958496	-1.0431	4.02693	1.21079	0.267266	1
cg06915472	LOC729082	0.0178702	0.3738811	0.779257	-1.28353	0.0381623	0.564314	-1.77053	0.1864247	1.12938	1.12938	0.1162502	1.12828	1.12828	0.0216502	0.886297	-1.12842	0.4649397	0.846772	-1.18056	9.69E-05	0.0022859	0.6224459	-1.60625	0.4640297	0.2402764	0.4166	-2.40679	0.0208575	0.4402991	-2.22569	8.84918	6.59877	0.7030808	1
cg06440991	LOC729082	0.0410827	0.121004	0.863302	-1.15834	0.138039	1.14983	1.14983	0.11402	1.13111	1.13111	0.210375	0.891021	-1.12231	0.325718	0.91511	-1.09277	0.313298	0.912859	-1.09546	0.00491749	1.38505	1.38505	0.897424	1.01134	1.01134	0.132776	0.867799	-1.15234	4.07602	0.441443	0.107593	1
cg02626844	LOC729121;RGPD4	0.00174392	0.0025131	0.3555	-2.81211	0.0138447	2.17218	2.17218	0.0828505	1.42464	1.42464	0.110473	1.49757	1.49757	0.01647753	0.667314	-1.49864	0.0200728	0.2170606	-4.60715	0.00731774	0.2167751	4.61271	0.0505723	0.6751	1.48738	0.0248697	0.5320417	1.48738	0.0198239	0.5320417	0.0254845	7.2	0.2215566	0.0307392	1
cg09415148	LOC729121;RGPD4	0.0104875	0.0299878	0.713788	-1.40098	0.390876	0.890465	-1.12301	0.0155113	0.675860	-1.47958	0.021094	0.693492	-1.44198	0.28749	1.15689	1.15689	0.220602	0.843719	-1.18523	0.00342541	1.68898	1.68898	0.151568	1.22477	1.22477	0.732577	1.0463	1.0463	5.82116	1.60537	0.245139	1
cg03131159	LOC729121;RGPD4	0.0244352	0.0579387	0.741987	-1.34825	0.0920796	1.2787	1.2787	0.0222	1.10647	1.10647	0.0383161	1.33197	1.33197	0.0176	0.750625	-1.33255	0.392154	0.889944	-1.12367	0.00363964	2.55147	2.55147	0.0162654	1.50547	1.50547	0.0272228	1.20886	1.6019203	0.795566	1.25907	14.0266	5.54732	0.534256	1
cg07678343	LOC729237	0.0330394	0.5665557	-1.76505	0.13003	0.365169	0.15834	-2.73918	0.0222	0.5011008	0.109333	0.976537	-1.73449	0.427222	0.869387	-1.15024	0.198218	0.907735	-1.26465	0.1153332	0.86089	-1.14393	0.049423	1.54745	0.0538235	1.685222	-1.45938	0.208794	0.795509	1.25706	1.93486	1.86427	0.419701	1
cg21539267	LOC729237;RGPD4	0.0380837	0.43783	0.867777	-1.15237	0.0669476	1.44485	1.44485	0.506009	1.12854	1.12854	0.974556	0.994301	-1.00573	0.688184	1.07497	1.07497	0.526597	1.12184	1.12184	0.00362581	2.02471	2.02471	0.21229	0.790233	-1.26345	0.0356187	0.645145	-1.55004	3.75012	1.90724	0.452073	1
cg00488406	LOC729156	0.0044852	0.0037267	0.334152	-2.99327	0.179387	1.17102	1.17102	0.288063	1.12956	1.12956	0.481949	1.08233	1.08233	0.00404002	0.536161	-1.86509	0.2210091	1.15326	1.15326	0.00144205	0.7107373	-1.40699	0.0165366	0.991212	-1.00885	0.0057356	0.670059	-1.49241	0.92337	0.208857	0.172517	1
cg06328852	LOC729156	0.0022909	0.258226	0.797949	-1.25321	0.98498	1.00361	1.00361	0.0485111	1.54964	1.54964	0.176561	0.760265	-1.31533	7	7	7	4.92E-05	0.232456	-4.30189	0.832908	1.04125	1.04125	0.547603	1.12348	1.12348	0.701852	0.92905	-1.07637	9.47695	4.88379	0.515334	1
cg06061069	LOC729156	0.0024412	0.0026198	0.520147	-1.92253	0.0099227	0.783668	-1.27605	0.0612221	1.32264	1.32264	0.0272692	0.782668	-1.41315	0.06742526	0.758212	-1.31889	0.877408	1.02037	1.02037	0.000631285	2.03225	2.03225	0.898075	1.01746	1.01746	0.473982	0.906322	-1.10336	9.09546	2.62818	0.329449	1
cg04257877	LOC729156	0.0467438	0.0127906	0.561997	-1.77626	0.106697	1.78886	1.78886	0.0851885	1.89141	1.89141	0.919255	0.967074	-1.03405	0.126679	1.72547	1.72547	0.341961	1.38168	1.38168	0.345132	0.7254478	-1.3784	0.518424	1.24131	1.24131	0.0229316	1.24461	1.24461	3.34161	2.43416	3.04756	0.60118	1.13482	1
cg09639631	LOC729176;CGorf103	7.85E-05	0.0292641	1.78784	1.78784	6.70E-06	0.10424	9.61312	0.00180659	0.2776	-3.60231	0.00525795	2.29924	2.29924	0.09618687	0.662145	-1.51024	0.025108	1.82704	1.82704	0.280962	0.776071	-1.28854	0.0152844	1.96137	1.96137	0.0207956	1.8767	1.8767	21.6207	19.1453	0.720469	1
cg16537682	LOC729176;CGorf103	0.00118321	0.0467437	0.801655	-1.2477	0.0163	1.73605	1.73605	0.0379799	1.55503	1.55503	0.0166402	1.62706	1.62706	0.0190905	0.644101	-1.55302	0.0100242	0.4606	-2.17178	0.00144101	0.5910102	1.69202	0.0116092	0.67253	1.48697	0.0172853	0.672553	1.48697	0.0172853	0.672553	0.0254845	7.2	0.2215566	0.0307392	1
cg04325960	LOC729176;CGorf103	0.00023639	0.0222163	2.0414	2.0414	0.000191129	0.194681	-5.13662	0.00479007	0.377293	-2.65046	0.104948	1.58613	1.58613	0.01443224	2.19225	2.19225	0.101901	1.59383	1.59383	9.29E-05	6.14413	6.14413

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00241002	LOC731789	0.0014391	0.144677	0.452808	-2.20844	0.00389459	0.140072	-7.1392	0.00161663	0.101697	-9.83311	0.0827964	0.378519	-2.64188	0.000375143	0.0563495	-17.7464	0.25711	0.549838	-1.81872	0.00103914	0.0857809	-11.6576	0.000515436	0.0645273	-15.4973	0.0119354	0.204632	-4.88683	10.6053	42.9575	3.60052	1
cg16632707	LOC731789	0.00589935	0.0111047	1.91379	1.91379	0.176103	0.745854	-1.34075	0.0772095	0.669966	-1.49261	0.719607	0.929146	-1.07626	0.00023702	0.288943	-3.46088	0.39172	1.19589	1.19589	0.264527	0.78893	-1.26754	0.455287	0.856388	-1.1677	0.734862	1.07175	1.07175	6.97548	4.59139	0.585083	1
cg13837822	LOC731789	0.013919	0.00536327	0.141116	-7.08638	0.871263	1.09047	1.09047	0.114644	0.400012	-2.49993	0.18391	0.471046	-2.12293	0.010837	0.181092	-5.52206	0.178159	0.465792	-2.14688	0.00219717	0.100973	-9.90364	0.0169091	0.210973	-4.73994	0.019461	0.221262	-4.51953	5.31	23.9829	4.01473	1
cg04475868	LOC732275	1.93E-05	0.811412	1.05481	1.05481	0.971833	0.992149	-1.00791	8.24E-05	0.205255	-4.87199	0.0247185	0.55048	-1.8166	6.95E-06	0.108329	-9.23114	0.0335745	0.574511	-1.74061	5.08E-05	0.183624	-5.44592	4.18E-06	0.0927173	-10.7855	7.81E-05	0.202802	-4.93092	34.1959	26.9928	0.701651	1
cg26745038	LOC732275	8.38E-05	0.087652	0.731251	-1.36752	0.596215	0.915047	-1.09284	0.0103996	0.585264	-1.70863	0.452679	1.13543	1.13543	1.24E-05	0.21671	-4.61445	0.000200647	0.354825	-2.81829	6.82E-05	0.298314	-3.35217	0.000101254	0.318642	-3.13832	0.00104437	0.446811	-2.23808	23.2134	10.1338	0.388042	1
cg02202502	LOC732275	0.000163671	0.0388188	1.81813	1.81813	0.32314	1.29049	1.29049	0.00158916	0.322178	-3.10388	0.0266175	1.92824	1.92824	8.35E-05	0.170483	-5.86567	0.00597955	0.407417	-2.45449	7.68E-05	0.166899	-5.99165	0.00366917	0.374698	-2.66882	0.00308607	0.363477	-2.7512	19.3951	19.1817	0.879105	1
cg27546840	LOC732275	0.000393106	0.28349	1.17925	1.17925	0.00015098	0.381956	-2.6181	0.000166747	0.387248	-2.58232	0.000446732	0.440622	-2.26952	0.653423	0.935311	-1.06916	0.0115733	0.626789	-1.59543	0.000273766	0.413913	-2.41597	0.261166	0.840808	-1.18933	0.0624999	0.733302	-1.36369	15.2732	5.29593	0.308219	1
cg07118299	LOC732275	0.00131789	0.696559	0.901594	-1.10915	0.467691	1.21571	1.21571	0.00328004	0.34675	-2.88392	0.118991	0.639368	-1.56404	0.00147053	0.297156	-3.36523	0.00454411	0.368173	-2.71612	7.22E-05	0.14802	-6.75584	0.408919	0.79991	-1.25014	0.0148701	0.452992	-2.20754	10.8764	12.0359	0.983651	1
cg16802855	LOC732275	0.00329655	0.239753	1.58426	1.58426	0.135317	1.82522	1.82522	0.01243	0.312609	-3.19889	0.266906	1.54086	1.54086	0.224904	1.61035	1.61035	0.236736	0.629163	-1.58941	0.000214089	0.0991988	-10.0808	?	?	?	0.191187	1.67745	1.67745	8.50565	16.7292	1.96683	1
cg16709904	LOC732275	0.00481494	0.618388	1.19148	1.19148	0.356076	1.39257	1.39257	0.00346833	0.250538	-3.99141	0.257084	0.661908	-1.51078	0.000998078	0.181752	-5.50201	0.0154305	0.354571	-2.82031	0.00521908	0.276464	-3.6171	0.0282618	0.405122	-2.46839	0.0130781	0.341691	-2.92662	7.42348	14.3086	1.71331	1
cg05825085	LOC732275	0.00501095	0.166809	0.575603	-1.73731	0.309278	1.48333	1.48333	0.0370655	0.403649	-2.4774	0.552349	0.7983	-1.25266	0.00175481	0.188096	-5.31642	0.023745	0.363689	-2.7496	0.00539337	0.253439	-3.94572	0.00181715	0.189927	-5.26519	0.00474906	0.245331	-4.07613	7.33369	16.3094	1.9768	1
cg03936135	LOC732275	0.0141485	0.531992	1.37631	1.37631	0.496102	1.41722	1.41722	0.0635472	0.34904	-2.865	0.0347853	3.46079	3.46079	0.00454926	0.148537	-6.73231	0.0462838	0.316026	-3.1643	0.00709604	0.172887	-5.78413	0.602059	1.30402	1.30402	0.396552	0.645295	-1.54968	5.28153	21.2955	3.58407	1
cg03330223	LOC732275	0.01813	0.979402	0.990826	-1.00926	0.240707	1.55037	1.55037	0.0227456	0.377846	-2.64658	0.430802	1.33252	1.33252	0.0026785	0.227225	-4.40092	0.00790487	0.296351	-3.37438	0.970611	0.986934	-1.01324	0.575874	1.22357	1.22357	0.0950432	0.519506	-1.9249	4.86334	9.81668	1.79423	1
cg00443946	LOC732275	0.0268107	0.0498701	1.85266	1.85266	0.197514	1.45578	1.45578	0.153645	0.656292	-1.52371	0.281399	1.36157	1.36157	0.410358	1.26124	1.26124	0.807497	0.934916	-1.06962	0.00270436	0.319051	-3.13429	0.119842	1.59239	1.59239	0.305316	0.746295	-1.33995	4.25214	5.11835	1.06997	1
cg09813874	LOC732275	0.031225	0.251534	1.55064	1.55064	0.105055	1.91283	1.91283	0.0088268	0.294979	-3.39007	0.5496	1.2482	1.2482	0.00458354	0.251063	-3.98307	0.814664	0.917605	-1.08979	0.226406	0.628063	-1.5922	0.414612	0.736849	-1.35713	0.615414	0.830704	-1.2038	4.02902	8.55657	1.88776	1
cg21715751	LOC80054	0.0181896	0.0570811	0.343237	-2.91344	0.0291515	0.278896	-3.58557	0.00211339	0.116856	-8.55751	0.77447	1.15338	1.15338	0.00543039	0.16248	-6.15459	0.607545	0.773125	-1.29345	0.0359207	0.297525	-3.36106	0.624368	1.2778	1.2778	0.622444	0.781513	-1.27957	4.85797	18.9831	3.47344	1
cg10099799	LOC80054;CEBPA	6.91E-06	0.0109577	0.62538	-1.59903	0.00661327	0.595502	-1.67925	0.0123727	0.632654	-1.58064	0.00163187	1.94157	1.94157	0.0202335	0.662538	-1.50935	0.144544	1.25914	1.25914	0.109757	0.773884	-1.29218	1.33E-07	11.5929	11.5929	0.754845	1.04713	1.04713	44.6421	15.2837	0.304322	1
cg06621373	LOC80054;CEBPA	7.01E-05	0.0147138	0.511419	-1.95534	0.000343331	0.276046	-3.62258	0.0957064	0.664513	-1.50486	0.00134032	2.83185	2.83185	0.0592726	0.621535	-1.60892	0.78995	1.06144	1.06144	0.200664	0.73944	-1.35237	4.97E-06	10.2264	10.2264	0.0830056	1.53521	1.53521	24.3434	19.23	0.702175	1
cg02493939	LOC80054;CEBPA	0.000132734	0.00158336	0.343524	-2.911	0.00213275	0.361798	-2.76398	0.00132213	0.332695	-3.00575	0.00299196	2.6099	2.6099	0.0143442	0.491044	-2.03648	0.335317	1.26374	1.26374	0.00915888	2.18091	2.18091	5.96E-05	5.74914	5.74914	0.146517	1.44364	1.44364	20.5215	18.0399	0.781397	1
cg15933514	LOC80154	0.0474793	0.0654925	0.725395	-1.37856	0.932899	1.01316	1.01316	0.498806	1.11252	1.11252	0.0294478	0.671508	-1.48919	0.14516	0.784309	-1.27501	0.0600403	0.71933	-1.39018	0.00939451	0.599667	-1.66759	0.0182598	0.640882	-1.56035	0.492264	0.897351	-1.11439	3.45517	1.31966	0.339501	1
cg04049141	LOC81691;LOC81691	0.0129711	0.240217	0.788809	-1.26773	0.00247066	0.443988	-2.25232	0.709522	1.07486	1.07486	0.0634717	1.4957	1.4957	0.0435775	1.56465	1.56465	0.582846	1.11295	1.11295	0.022519	1.69413	1.69413	0.0608485	0.665205	-1.5033	0.9054	0.977325	-1.0232	5.4341	3.20321	0.523969	1
cg25359907	LOC84740	0.000227006	0.0838559	0.775094	-1.29017	0.0674098	0.761149	-1.3138	0.00303679	0.582239	-1.71751	0.000158146	0.422968	-2.36425	1.14E-05	0.289254	-3.45717	0.191819	0.831925	-1.20203	0.0105055	1.53546	1.53546	0.20363	0.836361	-1.19566	0.127031	0.802691	-1.24581	17.7501	4.98598	0.249688	1
cg14530930	LOC84740	0.000499744	0.367556	0.842705	-1.18666	0.349088	0.83675	-1.1951	0.736676	1.06439	1.06439	0.699851	1.07425	1.07425	0.173107	0.764881	-1.30739	9.43E-06	0.170863	-5.85265	0.000405819	0.353753	-2.82683	0.630663	0.914324	-1.0937	0.992661	1.0017	1.0017	14.2926	7.7386	0.481283	1
cg14974644	LOC84740	0.00166144	0.214147	0.676881	-1.47736	0.331682	0.741678	-1.34829	0.151152	0.631916	-1.58249	0.0519462	0.516935	-1.93448	0.000436899	0.190455	-5.25058	0.000182844	0.151429	-6.60377	0.0008854	0.226174	-4.42138	0.010783	0.384527	-2.6006	0.018717	0.427332	-2.3401	10.1751	14.3479	1.25343	1
cg19152770	LOC84740	0.00383652	0.180639	0.811513	-1.23227	0.134914	1.26718	1.26718	0.466262	1.11508	1.11508	0.0956948	0.764238	-1.30849	0.000261945	0.414112	-2.41481	0.344436	1.15382	1.15382	0.0397923	1.41795	1.41795	0.0472857	1.3958	1.3958	0.0515558	0.722108	-1.38483	7.95177	2.71843	0.30388	1
cg05380304	LOC84740	0.0115707	0.0508834	0.776937	-1.28711	0.194143	1.16869	1.16869	0.00896443	0.685796	-1.45816	0.0430709	0.767865	-1.30231	0.0012392	0.585266	-1.70863	0.534075	0.931032	-1.07408	0.110976	1.2178	1.2178	0.954518	0.993549	-1.00649	0.585278	0.939384	-1.06453	5.63967	1.15019	0.181285	1
cg01374918	LOC84740	0.0332854	0.536442	0.906786	-1.1028	0.519242	0.902916	-1.10752	0.348008	1.16303	1.16303	0.00812178	0.588784	-1.69842	0.177992	1.25072	1.25072	0.468933	0.891213	-1.12207	0.00700258	1.72476	1.72476	0.225373	1.22021	1.22021	0.403318	1.14302	1.14302	3.93784	1.52371	0.343947	1
cg07024656	LOC84856	8.35E-06	0.870846	0.982704	-1.0176	0.0578116	1.2586	1.2586	6.41E-05	0.454707	-2.19922	0.651076	0.952352	-1.05003	0.00670283	1.45802	1.45802	0.579788	1.06181	1.06181	1.83E-07	0.179883	-5.55917	0.128451	1.19268	1.19268	0.00347622	0.653588	-1.53002	42.5166	7.74248	0.161871	1
cg14794189	LOC84856	6.66E-05	0.000168889	0.51388	-1.94598	0.000778072	1.69708	1.69708	0.14795	1.17524	1.17524	0.00646664	1.44532	1.44532	0.00318176	0.657657	-1.52055	1.60E-05	0.396383	-2.52281	0.979601	0.997344	-1.00266	0.0071688	1.43499	1.43499	0.307329	0.895892	-1.11621	24.6717	4.22881	0.152358	1
cg00042156	LOC84856	8.45E-05	0.263525	0.820639	-1.21856	0.000267483	0.362577	-2.75804	0.00188875	0.473809	-2.11055	0.00472	0.529059	-1.89015	0.0097573	0.574495	-1.74066	0.00144766	0.458146	-2.18271	1.58E-06	0.128379	-7.78943	0.00215686	0.481688	-2.07603	0.00979097	0.574714	-1.74	23.1562	10.5481	0.404905	1
cg18885872	LOC84856	9.47E-05	0.00459887	0.530447	-1.8852	0.00192703	0.478128	-2.09149	0.00125657	0.453058	-2.20722	0.0300503	0.651201	-1.53562	0.000201904	0.350602	-2.85224	0.000197932	0.349533	-2.86096	4.68E-06	0.171423	-5.83351	0.622367	0.919941	-1.08703	0.000496328	0.400018	-2.49989	22.4633	10.0526	0.39779	1
cg23188582	LOC84856	0.000242346	0.443697	0.881043	-1.13502	0.602126	0.918231	-1.08905	0.00138745	0.471588	-2.1205	0.00348527	0.525757	-1.90202	0.449662	0.882555	-1.13307	0.00050842	0.414474	-2.41269	8.10E-06	0.205599	-4.86384	0.933178	1.01369	1.01369	0.00163969	0.481284	-2.07778	17.437	7.26363	0.370278	1
cg19576847	LOC84856	0.000278555	0.0724274	0.452285	-2.211	0.00036985	0.104779	-9.54389	0.00170185	0.169683	-5.89335	0.00126439	0.1553	-6.43916	0.000959648	0.142738	-7.00584	0.00323875	0.204028	-4.90129	2.63E-05	0.0371719	-26.9021	0.00108303	0.148156	-6.74964	0.00124351	0.15452	-6.47165	16.7872	41.6528	2.20553	1
cg13161025	LOC84856	0.000586762	0.0901439	0.496049	-2.01593	0.00256482	0.208095	-4.8055	0.00235096	0.20325	-4.92005	0.0739988	0.47357	-2.11162	0.00026492	0.105531	-9.4759	0.00323283	0.221368	-4.51736	4.83E-05	0.0566992	-17.6369	0.11201	0.52225	-1.91479	0.00165817	0.184608	-5.41687	13.6686	30.5038	1.9837	1
cg27080085	LOC84856	0.00134615	0.0775546	0.559516	-1.78726	2.49E-05	0.0838082	-11.932	0.0809868	0.564019	-1.77299	0.396823	0.773519	-1.29279	0.0511002	0.518129	-1.93002	0.100843	0.587495	-1.70214	0.00195027	0.273452	-3.65695	0.00489009	0.331561	-3.01604	0.228465	0.687898	-1.4537	10.8105	14.9989	1.23328	1
cg21096915	LOC84856	0.00144986	0.0461457	0.574705	-1.74002	0.000313803	0.242651	-4.12114	0.0410607	0.564691	-1.77088	0.819517	0.946104	-1.05697	?	?	?	0.022521	0.515607	-1.93946	0.000104636	0.18973	-5.27065	0.49354	0.844879	-1.1836	0.0464466	0.575268	-1.73832	10.829	8.95913	0.827328	1
cg26695444	LOC84856	0.00252379	0.00155233	0.562091	-1.77907	0.00451311	0.619283	-1.61477	0.0805795	0.782417	-1.27809	0.0110286	0.667857	-1.49733	0.0142532	0.681997	-1.46628	0.203279	0.843639	-1.18534	0.00241211	1.70754	1.70754	0.4936	1.09201	1.09201	0.665734	0.946457	-1.05657	9.00689	2.28666	0.22567	1
cg16482344	LOC84856	0.00285338	0.0792657	0.416755	-2.39949	0.000151044	0.053826	-18.5784	0.0295126	0.316183	-3.16272	0.545899	0.759895	-1.31597	0.114226	0.462154	-2.16378	0.0266308	0.307186	-3.25535	0.000669287	0.0964796	-10.3649	0.0101174	0.232792	-4.29568	0.0469794	0.360061	-2.77731	8.68627	27.7653	2.84129	1
cg20033239	LOC84856	0.00444658	0.0541346	0.204037	-4.90106	0.00866376	0.0877416	-11.3971	0.00505405	0.0674802	-14.8192	0.123519	0.297259	-3.36407	0.00286073	0.0505784	-19.7713	0.00478906	0.0656981	-15.2211	0.000908107	0.0271026	-36.8969	0.156397	0.332041	-3.01168	0.00444131	0.0632712	-15.805	7.60522	63.6955	7.44465	1
cg17729868	LOC84856	0.00746995	0.0983779	0.385486	-2.59413	0.00292103	0.11645	-8.58741	0.127272	0.420108	-2.38034	0.175087	0.46841	-2.13488	0.0318372	0.266343	-3.75456	0.0252585	0.246824	-4.05147	0.000592179	0.0614368	-16.2769	0.00653763	0.15597	-6.41148	0.0250708	0.246218	-4.06145	6.48215	28.3919	3.89335	1
cg04395798	LOC84856	0.0155716	0.194314	0.580609	-1.72233	0.00957741	0.272843	-3.66511	0.0661672	2.26149	2.26149	0.745503	1.13763	1.13763	0.0112786	0.284599	-3.51372	0.363498	0.690893	-1.4474	0.00519924	0.23218	-4.307	0.0686883	0.446284	-2.24073	0.0610117	0.433439	-2.30713	5.11691	12.705	2.20705	1
cg05963962	LOC84856	0.0163221	0.041627	0.378282	-2.64353	0.00537121	0.219333	-4.55928	0.0246817	0.330532	-3.02543	0.155219	0.532861	-1.87666	0.00659341	0.232251	-4.30568	0.0279327	0.341307	-2.92991	0.0180559	0.304629	-3.28268	0.0151172	0.290695	-3.44004	0.0161838	0.295978	-3.37863	5.03746	13.6654	2.41133	1
cg17821688	LOC84856	0.0343454	0.121434	0.736427	-1.35791	0.837079	1.03823	1.03823	0.259135	0.806941	-1.23925	0.206204	0.784315	-1.275	0.00564113	0.515882	-1.93843	0.714866	1.06914	1.06914	0.0220095	1.64956	1.64956	0.153361	1.32123	1.32123	0.429824	1.15817	1.15817	3.89361	2.04722	0.467368	1
cg18434354	LOC84931	0.000325537	0.0055458	0.425377	-2.35085	4.42E-05	0.162712	-6.14583	0.000435811	0.271412	-3.68443	0.00440597	0.409978	-2.43915	0.00394988	0.402774	-2.48278	0.00845353	0.454439	-2.20052	0.00063396	0.291924	-3.42554	0.000317416	0.254645	-3.92704	0.00118041	0.327581	-3.05268	16.086	14.0171	0.774561	1
cg18453551	LOC90246	0.000450905	0.0295088	0.375533	-2.66288	0.455848	1.33671	1.33671	0.00115601	0.161344	-6.19793	0.00215528	0.192811	-5.18642	0.0002101	0.0936003	-10.6837	0.00347759	0.21972	-4.55125	0.000137204	0.0804511	-12.4299	0.000548752	0.128605	-7.77577	0.387739	0.712993	-1.40254	14.7056	34.0073	2.05559	1
cg27327580	LOC90246	0.000933205	0.0131509	0.339204	-2.94808	0.210128	1.59106	1.59106	0.0157255	0.35315	-2.83166	0.0104229	0.321716	-3.10833	0.00989261	0.317885	-3.14579	0.0252508	0.39236	-2.54868	2.96E-05	0.0562823	-17.7676	0.00339909	0.246558	-4.05584	0.0659661	0.484144	-2.0655	11.9992	23.4984	1.74074	1
cg05272921	LOC90246	0.0047291	0.00227234	0.13154	-7.60228	0.539317	0.744317	-1.34351	0.0179167	0.254879	-3.92342	0.0151771	0.242396	-4.12547	0.079866	0.39715	-2.51794	0.250681	0.56536	-1.76878	0.00150809	0.113923	-8.77783	0.000593736	0.0805008	-12.4222	0.210028	0.533845	-1.8732	7.46424	26.6876	3.17812	1
cg01886524	LOC90246	0.0105883	0.514679	1.48688	1.48688	0.0105752	0.145058	-6.89381	0.121757	0.36528	-2.73762	0.574102	0.711107	-1.40626	0.00635768	0.118538	-8.43614	0.0208534	0.188318	-5.31017	0.00467333	0.104568	-9.56319	0.00354025	0.093159	-10.7343	0.0576184	0.275548	-3.62913	5.8033	33.1294	5.07442	1
cg06620972	LOC90246	0.011878	0.954871	0.972485	-1.02829	0.345714	0.619549	-1.61408	0.00476198	0.157588	-6.34566	0.813397	1.12364	1.12364	0.022951	0.261514	-3.82388	0.222885	0.531821	-1.88033	0.00847975	0.190771	-5.24188	0.00106687	0.0921692	-10.8496	0.158189	0.475312	-2.10388	5.592	21.5261	3.42173	1
cg27319445	LOC90246	0.0213242	0.0149805	0.103767	-9.63701	0.0192417	0.117069	-8.54195	0.0427174	0.170841	-5.8534	0.0566892	0.195164	-5.1239	0.0138095	0.0997469	-10.0254	0.0258522	0.134775	-7.41976	0.00656587	0.0689665	-14.4998	0.0156948	0.106132	-9.4222	0.0974482	0.252193	-3.96521	4.60287	41.8261	8.0773	1
cg19234171	LOC90246	0.0323828	0.0512624	0.221544	-4.51377	0.991084	0.992442	-1.00762	0.0159173	0.134706	-7.4236	0.0157354	0.134037	-7.46065	0.00845232	0.101958	-9.80799	0.218389	0.415165	-2.40868	0.0246494	0.162533	-6.15258	0.0254244	0.16469	-6.072	0.31021	0.490171	-2.0401	3.9769	29.0402	6.49086	1
cg22325828	LOC90586	0.00825737	0.00919608	0.218686	-4.57276	0.00394311	0.168195	-5.94546	0.0184662	0.268837	-3.71973	0.0250761	0.293761	-3.40413	0.00348993	0.161737	-6.18289	0.572211	0.769246	-1.29997	0.0021271	0.137451	-7.27535	0.0453972	0.348214	-2.8718	0.286153	0.601001	-1.66389	6.28118	21.0191	2.97455	1
cg19269520	LOC90586	0.0209418	0.0406222	0.304383	-3.28534	0.471	1.44622	1.44622	0.0205015	0.245455	-4.07407	0.0925078	0.393951	-2.53839	0.0289568	0.273746	-3.65302	0.222103	1.90721	1.90721	0.0100817	0.195216	-5.12253	0.0163517	0.228365	-4.37895	0.0620301	0.347436	-2.87823	4.63141	18.5694	3.56396	1
cg15607311	LOC90586	0.0250309	0.0036226	0.544281	-1.83729	0.136153	1.28158	1.28158	0.0171862	0.638534	-1.56609	0.503379	1.11062	1.11062	0.261077	1.19852	1.19852	0.197386	0.810158	-1.23433	0.100736	1.32015	1.32015	0.978768	0.995897	-1.00412	0.752922	1.05	1.05	4.35536	1.64651	0.336038	1
cg24238929	LOC90586	0.0261703	0.0543296	0.169374	-5.90408	0.012626	0.0803265	-12.4492	0.0340096	0.133674	-7.48087	0.479009	1.79543	1.79543	0.0583531	0.1756	-5.69477	0.397296	0.494188	-2.02352	0.00220234	0.0304926	-32.7948	0.123891	0.257925	-3.87709	0.20542	0.337434	-2.96354	4.28828	44.9143	9.30998	1
cg09726123	LOC90784	0.0495045	0.981677	1.00415	1.00415	0.146295	0.754935	-1.32462	0.142819	0.752821	-1.32834	0.331335	0.834699	-1.19804	0.392941	1.17089	1.17089	0.988362	0.997374	-1.00263	0.00211192	2.17978	2.17978	0.594739	0.907744	-1.10163	0.595957	1.10127	1.10127	3.40098	1.75046	0.457505	1
cg00997611	LOC91149;RAPGEF4;RAPGEF4	0.0176168	0.260627	0.826911	-1.20932	0.0138046	0.61079	-1.63722	0.982101	1.00364	1.00364	0.581338	0.913731	-1.09441	0.0023661	0.503172	-1.98739	0.887758	0.977383	-1.02314	0.00196679	0.492314	-2.03122	0.134331	0.769875	-1.29891	0.231915	0.8162	-1.22519	4.9105	2.04074	0.369411	1
cg03013276	LOC91316	0.000806829	0.383626	1.18349	1.18349	0.0128863	1.82315	1.82315	0.50696	0.880952	-1.13514	7.86E-05	4.41128	4.41128	0.362802	0.838249	-1.19296	0.00083603	2.74808	2.74808	0.35319	1.1975	1.1975	0.00554581	0.488868	-2.04554	0.14316	0.741639	-1.34836	15.3266	8.38564	0.425544	1
cg18630243	LOC91316	0.00570526	0.0105652	0.417986	-2.39242	0.000220105	0.188288	-5.31102	0.163926	0.668406	-1.4961	0.552868	0.849739	-1.17683	0.0117663	0.425985	-2.3475	0.0126047	0.431154	-2.31935	0.341538	0.766589	-1.30448	0.339562	0.765702	-1.30599	0.0100868	0.414576	-2.4121	7.04773	8.21039	1.03553	1
cg11899005	LOC91316	0.0257954	0.631238	1.11254	1.11254	0.388365	1.21525	1.21525	0.394476	0.825035	-1.21207	0.435336	0.839028	-1.19185	0.000646925	0.315402	-3.17056	0.107383	0.678741	-1.47332	0.934576	1.01827	1.01827	0.156961	0.716192	-1.39627	0.0727517	0.643112	-1.55494	4.30995	3.31932	0.684581	1
cg07800806	LOC91316	0.0289704	0.547628	1.12399	1.12399	0.0190173	0.579625	-1.72525	0.184515	0.763104	-1.31044	0.144326	0.739907	-1.35152	0.00337355	0.464931	-2.15085	0.201896	0.771946	-1.29543	0.0179855	0.575702	-1.73701	0.586628	0.899912	-1.11122	0.0193207	0.580742	-1.72194	4.13772	2.41793	0.519432	1
cg13253729	LOC91316;RGL4	0.000436026	4.82E-05	0.28451	-3.51482	0.570739	0.910127	-1.09875	0.0647137	0.711056	-1.40636	0.517797	0.897835	-1.11379	0.391909	1.15508	1.15508	0.000104736	0.324079	-3.08567	0.0559103	1.42753	1.42753	0.0796428	1.37675	1.37675	0.0337291	0.66527	-1.50315	14.8426	6.35018	0.380297	1
cg08715187	LOC91316;RGL4	0.0346285	0.178535	0.73014	-1.3696	0.249336	0.767251	-1.30335	0.035651	0.583872	-1.71271	0.333488	0.80291	-1.24547	0.736365	0.928341	-1.07719	0.768482	0.93711	-1.06711	0.00363653	2.37689	2.37689	0.388018	1.21493	1.21493	0.0943787	0.667223	-1.49875	3.88209	2.97718	0.681691	1
cg01584348	LOC91948;LOC91948	0.00992724	0.0574182	0.312075	-3.20436	0.661115	1.27001	1.27001	0.00671633	0.148866	-6.71747	0.0470545	0.291856	-3.42635	0.822366	1.12957	1.12957	0.0416889	0.280205	-3.56882	0.000531278	0.0537799	-18.5943	0.832842	1.12134	1.12134	0.0909939	0.364656	-2.74231	5.92444	27.5485	4.13331	1
cg04613517	LOC91948;LOC91948	0.0107679	0.220106	1.26103	1.26103	0.0400318	0.652539	-1.53248	0.821399	0.960144	-1.04151	0.121781	0.739548	-1.35218	0.85046	1.03453	1.03453	0.108321	0.729706	-1.37042	0.0175803	1.6815	1.6815	0.00301594	2.07806	2.07806	0.0381202	0.648979	-1.54088	5.77201	2.95795	0.455523	1
cg00971508	LOC91948;LOC91948	0.0448244	0.878798	0.958802	-1.04297	0.00149367	3.53397	3.53397	0.0755742	1.7252	1.7252	0.956578	1.01512	1.01512	0.177811	1.48407	1.48407	0.0486775	1.86039	1.86039	0.960778	0.986534	-1.01365	0.820484	0.93926	-1.06467	0.877061	0.958219	-1.0436	3.53069	4.25021	1.07004	1
cg25989738	LOC92249	0.0326117	0.277445	0.698606	-1.43142	0.0566091	0.503963	-1.98427	0.0112835	0.365038	-2.73944	0.170113	1.59038	1.59038	0.0452118	0.48211	-2.07421	0.800959	1.08352	1.08352	0.0408631	2.116	2.116	0.543673	1.21553	1.21553	0.139042	0.603128	-1.65802	3.96688	6.33512	1.41956	1
cg16956903	LOC92249	0.0330229	0.0181138	0.286946	-3.48497	0.0884439	0.44148	-2.26511	0.66562	0.827674	-1.2082	0.0246046	3.20407	3.20407	0.215657	0.567303	-1.76273	0.0109419	0.249284	-4.01148	0.723302	0.856729	-1.16723	0.875306	1.0707	1.0707	0.32999	1.54849	1.54849	3.94907	11.8345	2.66382	1
cg22162681	LOC92659	0.00209353	0.172521	0.809029	-1.23605	0.516535	1.10076	1.10076	0.0100091	0.622128	-1.60739	0.237024	0.83458	-1.19821	0.000644108	0.465658	-2.1475	9.60E-05	0.36306	-2.75437	0.725247	0.949799	-1.05285	0.816689	1.03447	1.03447	0.176051	0.810605	-1.23365	9.51422	3.21036	0.299935	1
cg00537203	LOC92659;MAFG	0.00763334	0.230987	1.14388	1.14388	0.0115041	1.40238	1.40238	0.00173281	1.61285	1.61285	0.216498	0.870114	-1.14928	0.805771	0.973989	-1.02671	0.322236	0.896377	-1.1156	0.00633968	0.683724	-1.46258	0.357641	0.903749	-1.1065	0.219073	1.14829	1.14829	6.43835	1.16704	0.161123	1
cg02451362	LOC92659;MAFG	0.0120119	0.113797	0.619883	-1.61321	0.0847334	0.588648	-1.69881	0.767871	1.08575	1.08575	0.00194173	0.295652	-3.38235	0.00142947	0.277488	-3.60376	0.236821	0.708567	-1.4113	0.916286	1.02966	1.02966	0.0122475	0.420057	-2.38063	0.533232	0.839112	-1.19174	5.5717	6.81766	1.08766	1
cg23453622	LOC92659;MAFG	0.0217103	0.427534	0.899562	-1.11165	0.0184764	1.45263	1.45263	0.302527	1.14976	1.14976	0.999929	1.00001	1.00001	0.27477	1.16007	1.16007	0.236409	0.85035	-1.17599	0.481764	0.910804	-1.09793	0.377704	1.12555	1.12555	0.000938103	1.90596	1.90596	4.57468	1.23701	0.240358	1
cg02009311	LOC92659;MAFG	0.0256726	0.00358414	0.358302	-2.79094	0.167851	0.68218	-1.46589	0.668272	0.893895	-1.1187	0.0471176	0.553693	-1.80606	0.186173	0.694417	-1.44006	0.181887	0.691634	-1.44585	0.0208277	0.484907	-2.06225	0.00295176	0.345771	-2.89209	0.224564	0.717534	-1.39366	4.31713	4.629	0.953103	1
cg13911801	LOC92973	1.59E-05	0.928661	0.987902	-1.01225	0.0238705	1.44259	1.44259	0.000156621	0.415008	-2.40959	9.03E-06	0.270738	-3.69361	0.731835	0.95432	-1.04787	0.000103049	0.392974	-2.5447	6.46E-06	0.255018	-3.92129	0.0956372	1.28249	1.28249	6.83E-05	0.371578	-2.69123	35.948	10.5189	0.260103	1
cg21213430	LOC92973	0.000593756	0.271738	0.902028	-1.10861	0.00570181	1.38642	1.38642	0.0546874	1.21703	1.21703	0.955823	0.99502	-1.00501	0.0453509	0.813108	-1.22985	1.88E-05	0.45642	-2.19097	0.204671	1.12819	1.12819	0.67625	0.962859	-1.03857	0.0550597	0.821983	-1.21657	13.6236	1.75249	0.114343	1
cg09298920	LOC92973	0.00159943	0.500947	0.949917	-1.05272	0.44906	1.05974	1.05974	0.908426	1.00869	1.00869	0.742696	0.975526	-1.02509	0.000257262	0.635998	-1.57233	0.0437706	1.19045	1.19045	0.0012798	1.42365	1.42365	0.0250936	0.818389	-1.22191	0.0222109	0.813682	-1.22898	10.2875	0.921792	0.0796474	1
cg22924796	LOC92973	0.00671547	0.0538425	0.287186	-3.48207	0.45752	1.53909	1.53909	0.435882	1.5731	1.5731	0.126316	0.389602	-2.56672	0.00186609	0.0808413	-12.3699	0.0373183	0.252234	-3.96458	0.000518135	0.045677	-21.8928	0.134143	0.398258	-2.51094	0.145285	0.410109	-2.43837	6.70115	34.4735	4.57282	1
cg25655009	LOC93432	2.58E-06	1.70E-07	0.125697	-7.95562	3.64E-05	0.360333	-2.77521	4.19E-06	0.254909	-3.92297	0.0578779	0.759391	-1.31685	2.26E-05	0.336231	-2.97415	0.00145717	0.554227	-1.80432	3.42E-05	0.357189	-2.79964	0.0244776	0.708905	-1.41063	4.14E-06	0.254346	-3.93165	57.5432	15.0169	0.231971	1
cg26445785	LOC93432	0.00102661	4.78E-05	0.098717	-10.13	0.171158	0.643633	-1.55368	0.00168795	0.257417	-3.88474	0.251894	0.696313	-1.43614	0.332366	0.739038	-1.35311	0.0110904	0.381716	-2.61975	0.390718	1.30467	1.30467	0.00147174	0.249555	-4.00713	0.00854462	0.362526	-2.75842	11.6792	16.915	1.28738	1
cg25340786	LOC93432	0.00744535	0.000866826	0.204718	-4.88477	0.0878813	0.55006	-1.81798	0.0976833	0.561791	-1.78002	0.347719	0.735793	-1.35908	0.57471	1.19711	1.19711	0.214373	0.660467	-1.51408	0.127728	1.68638	1.68638	0.00756212	0.336087	-2.97542	0.00460454	0.302204	-3.30902	6.48885	10.3485	1.41761	1
cg04672903	LOC93622	0.00126295	0.0417005	0.752129	-1.32956	5.33E-05	0.400536	-2.49665	0.00243747	0.599407	-1.66831	0.994207	0.99912	-1.00088	0.00280003	0.606684	-1.64831	0.157936	0.832628	-1.20102	0.007595	0.65932	-1.51671	0.00391262	0.62427	-1.60187	0.0408487	0.75096	-1.33163	11.0098	2.56675	0.20723	1
cg26580576	LOC93622	0.00869502	0.232623	0.853723	-1.17134	0.0072418	1.54928	1.54928	0.0161127	1.45069	1.45069	0.0794221	0.781918	-1.27891	0.921243	1.01257	1.01257	0.345545	0.884489	-1.1306	0.0341609	0.731754	-1.36658	0.543702	1.08075	1.08075	0.00430364	1.61987	1.61987	6.17952	1.56241	0.224743	1
cg25793812	LOC93622	0.0103604	0.356191	1.33966	1.33966	0.512259	0.814815	-1.22727	0.0179952	0.412452	-2.42453	0.238836	0.683782	-1.46245	0.000363987	0.171977	-5.81474	0.0996033	0.573426	-1.7439	0.0214732	0.426901	-2.34247	0.477588	0.800521	-1.24919	0.0379626	0.476446	-2.09888	5.84397	8.78751	1.33661	1
cg08069249	LOC93622	0.0407774	0.13449	2.29647	2.29647	0.0769164	2.755	2.755	0.303163	1.73234	1.73234	0.166192	2.13963	2.13963	0.362362	1.61985	1.61985	0.868255	1.08929	1.08929	0.0111685	5.14701	5.14701	0.00507576	6.74263	6.74263	0.0120121	5.02344	5.02344	3.65709	15.3732	3.7366	1
cg16758887	LOC93622	0.0410278	0.386111	1.28522	1.28522	0.376494	1.29221	1.29221	0.357609	1.30646	1.30646	?	?	?	0.81146	0.934958	-1.06957	0.00234102	3.53434	3.53434	0.0636577	0.550187	-1.81756	0.664011	1.13098	1.13098	0.167574	1.51887	1.51887	4.03828	4.40555	0.954579	1
cg16067752	LOC96610	0.00097044	0.00847919	0.488347	-2.04772	0.000252346	0.276111	-3.62173	0.00299873	0.419735	-2.38246	0.555004	0.88043	-1.13581	0.000514612	0.314696	-3.17767	0.723243	1.07879	1.07879	0.00178388	0.387362	-2.58156	0.00190328	0.391335	-2.55536	0.00742335	0.479263	-2.08654	11.867	8.54989	0.640422	1
cg26116741	LOC96610	0.023908	0.138609	1.26466	1.26466	0.00782991	0.60492	-1.65311	0.181654	0.811546	-1.23222	0.587362	0.922475	-1.08404	0.281517	1.1792	1.1792	0.215828	0.825436	-1.21148	0.00359434	0.559531	-1.78721	0.338409	0.864733	-1.15643	0.306958	1.16855	1.16855	4.42528	1.52017	0.305351	1
cg22220153	LOH12CR1	0.00031372	0.000927886	0.484845	-2.06251	0.451975	0.893879	-1.11872	0.0120997	0.632549	-1.58091	0.940065	1.01107	1.01107	0.000143431	0.383133	-2.61006	0.44019	0.891147	-1.12215	4.03E-05	0.317263	-3.15196	0.366593	0.873021	-1.14545	0.000266934	0.416419	-2.40143	16.2499	5.51622	0.301743	1
cg24090908	LOH12CR1	0.00754263	0.222808	1.3173	1.3173	0.00233271	0.400782	-2.49512	0.0341313	0.587507	-1.70211	0.33713	1.23725	1.23725	0.808427	1.05365	1.05365	0.143718	1.40207	1.40207	0.00189216	2.57852	2.57852	0.690918	1.08978	1.08978	0.517414	0.868324	-1.15164	6.46252	4.73679	0.651523	1
cg16342389	LOH12CR1	0.013126	0.0923154	1.51291	1.51291	0.0285112	0.561251	-1.78173	0.361078	0.810736	-1.23345	0.054483	1.62834	1.62834	0.966178	1.00952	1.00952	0.10635	1.48302	1.48302	0.000835358	3.07573	3.07573	0.653132	1.10638	1.10638	0.836352	0.95483	-1.04731	5.41307	4.28144	0.703062	1
cg09319367	LOH12CR1	0.0133607	0.713237	0.922709	-1.08377	0.000740851	0.32742	-3.05418	0.683781	1.09335	1.09335	0.00851015	0.481044	-2.07881	0.0863648	0.661747	-1.51115	0.0633293	0.634398	-1.5763	0.08304	0.658208	-1.51928	0.283975	1.27452	1.27452	0.151039	0.715098	-1.39841	5.38176	4.04797	0.66859	1
cg12647471	LOH12CR1	0.0402065	0.0611064	0.726145	-1.37714	0.0053809	0.573691	-1.7431	0.408119	1.13689	1.13689	0.785474	1.04224	1.04224	0.811463	0.964414	-1.0369	0.8876	1.02168	1.02168	0.0222464	1.51512	1.51512	0.160924	0.796871	-1.25491	0.803794	1.03847	1.03847	3.67616	1.33861	0.323674	1
cg01526870	LOH12CR1;LOH12CR1;LOH12CR2	0.00142463	0.00931924	3.63948	3.63948	0.257205	0.638513	-1.56614	0.00235968	0.184731	-5.41328	0.0924228	2.031	2.031	0.212285	1.64732	1.64732	0.000127994	0.0634041	-15.7718	0.0487359	0.420487	-2.3782	0.682954	1.16755	1.16755	0.33407	1.45832	1.45832	12.8138	28.2227	1.71308	1
cg21110585	LOH12CR1;LOH12CR1;LOH12CR2	0.0216574	0.474523	1.13769	1.13769	0.199291	1.27196	1.27196	0.117837	0.739905	-1.35153	0.051759	0.675276	-1.48088	0.346896	1.18744	1.18744	0.913082	0.98082	-1.01956	0.0267286	1.59297	1.59297	0.00301124	2.05738	2.05738	0.0893465	1.39412	1.39412	4.57851	2.28137	0.442914	1
cg15110296	LOH12CR1;LOH12CR2	0.00109294	0.00109745	0.154555	-6.47019	0.000829867	0.141978	-7.04333	0.142846	0.542893	-1.84198	0.274878	0.643629	-1.55369	0.0022487	0.19036	-5.2532	0.026448	0.36034	-2.77515	0.000421892	0.114508	-8.73299	0.000299288	0.102096	-9.79474	0.0404642	0.399365	-2.50397	11.4733	27.3368	2.11791	1
cg03272031	LOH12CR1;LOH12CR2	0.00121497	0.000786321	0.428176	-2.33549	0.0251851	1.56033	1.56033	0.0114369	1.69704	1.69704	0.108759	0.746529	-1.33953	0.0130066	0.597502	-1.67363	0.394395	0.864349	-1.15694	0.287358	0.831428	-1.20275	0.650724	0.92666	-1.07914	0.000661696	2.39025	2.39025	11.1323	4.92382	0.393155	1
cg22859679	LOH12CR1;LOH12CR2	0.0196679	0.00206219	0.27615	-3.62123	0.366197	1.31688	1.31688	0.722177	0.899555	-1.11166	0.0744571	0.554734	-1.80267	0.0481222	0.511832	-1.95377	0.316838	0.73578	-1.3591	0.00773572	0.362629	-2.75764	0.0284268	0.464452	-2.15308	0.0837458	0.566958	-1.7638	4.73138	6.58797	1.23769	1
cg20640698	LOH12CR1;LOH12CR2	0.0359943	?	?	?	0.0133406	2.68136	2.68136	0.0193643	2.48399	2.48399	0.308396	0.712325	-1.40385	0.92677	0.970855	-1.03002	0.72018	0.890707	-1.1227	0.966019	0.986386	-1.0138	0.0637992	1.95507	1.95507	0.0170907	2.54812	2.54812	3.88981	5.66935	1.45749	1
cg26242866	LONP1	0.000221771	0.0467541	0.803802	-1.24409	0.0131608	0.74461	-1.34298	0.0261906	0.776445	-1.28792	0.94759	1.00633	1.00633	1.18E-05	0.41093	-2.4335	0.0946959	1.19266	1.19266	0.000445272	1.70165	1.70165	0.297602	0.901603	-1.10914	0.768948	0.972139	-1.02866	17.863	2.60337	0.129547	1
cg26652079	LONP1	0.000320869	0.83624	1.05483	1.05483	0.532873	1.17691	1.17691	0.00642595	0.400855	-2.49467	0.040852	0.544031	-1.83813	2.22E-05	0.111372	-8.97895	0.0017477	0.31644	-3.16016	0.0982623	0.626474	-1.59624	0.00211149	0.327999	-3.04879	0.000151429	0.186988	-5.34794	16.1499	17.0104	0.936252	1
cg01048904	LONP1	0.000567272	0.000747823	0.379332	-2.63622	0.11836	0.725236	-1.37886	0.000343881	0.335609	-2.97966	0.000428712	0.347811	-2.87512	0.105778	0.715496	-1.39763	0.736823	1.066	1.066	0.000496821	0.356064	-2.80849	0.00904704	0.533314	-1.87507	0.000391172	0.34272	-2.91784	13.7979	7.84565	0.505434	1
cg22499809	LONP1	0.000863419	0.00360982	0.406999	-2.45701	0.0267013	1.8205	1.8205	0.352762	1.24381	1.24381	0.114014	0.6755	-1.48039	0.000183629	0.236315	-4.23164	0.0175138	0.516972	-1.93434	0.000368368	0.272484	-3.67399	0.521016	1.16002	1.16002	0.0517255	0.603394	-1.65729	12.2656	10.1141	0.732975	1
cg03551243	LONP1	0.00248634	0.000249653	0.420287	-2.37933	0.296947	0.85633	-1.16777	0.00145701	0.517132	-1.93374	0.0209776	0.671436	-1.48935	0.0881993	0.763499	-1.30976	0.106918	0.776899	-1.28717	0.000571953	0.46535	-2.14892	0.0235589	0.67851	-1.47382	0.0714207	0.749182	-1.33479	9.04662	2.94754	0.289615	1
cg22280682	LONP1	0.00334236	0.0307418	1.3895	1.3895	0.0359026	1.37219	1.37219	0.000531907	2.012	2.012	0.0435246	1.35107	1.35107	0.0684654	0.767663	-1.30265	0.0225929	0.701908	-1.42469	0.0480742	1.3403	1.3403	0.187403	1.19856	1.19856	0.115613	0.801137	-1.24823	8.28718	2.20554	0.236567	1
cg17412785	LONP1	0.00858444	0.00130467	0.319886	-3.12611	0.22626	1.36255	1.36255	0.023229	0.51657	-1.93585	0.0143136	0.479344	-2.08618	0.755887	0.926883	-1.07888	0.802422	0.940784	-1.06294	0.579134	1.14615	1.14615	0.486573	0.841878	-1.18782	0.00273847	0.36541	-2.73665	6.2046	5.82515	0.834528	1
cg21069078	LONP1	0.00946478	0.0142305	0.381544	-2.62093	0.808148	1.0806	1.0806	0.161532	0.621038	-1.61021	0.911617	0.965239	-1.03601	0.010172	0.356043	-2.80865	0.00389618	0.289862	-3.44992	0.00101284	0.211454	-4.72916	0.121976	0.586183	-1.70595	0.0490238	0.48867	-2.04637	6.01531	9.67242	1.42931	1
cg04973548	LONP1	0.0128418	0.00374939	0.553043	-1.80818	0.568614	0.916479	-1.09113	0.954166	1.00874	1.00874	0.205123	0.816802	-1.22429	0.0239801	0.665225	-1.50325	0.452082	1.12295	1.12295	0.00910387	1.65131	1.65131	0.251249	1.19895	1.19895	0.0767362	1.34712	1.34712	5.45189	1.97831	0.322548	1
cg22184096	LONP1	0.01519	0.191331	0.598465	-1.67094	0.746961	0.886799	-1.12765	0.824869	0.921045	-1.08572	0.703732	0.867805	-1.15233	0.00107492	0.166552	-6.00413	0.00703489	0.274444	-3.64373	0.174965	1.70806	1.70806	0.994276	0.997341	-1.00267	0.0231983	0.365272	-2.73768	5.15916	11.2527	1.93877	1
cg18668679	LONP1	0.0380673	0.242826	0.567702	-1.76149	0.023575	0.285819	-3.49872	0.0284034	0.301704	-3.31451	0.273639	0.589962	-1.69502	0.00421392	0.169471	-5.90072	0.0627791	0.379157	-2.63743	0.0233637	0.28507	-3.5079	0.717233	0.844957	-1.18349	0.0491653	0.353402	-2.82964	3.75071	12.7458	3.02065	1
cg14658651	LONP1	0.0390041	0.737194	1.07999	1.07999	0.216406	0.742876	-1.34612	0.109692	0.671358	-1.48952	0.820665	1.05325	1.05325	0.00161163	0.355841	-2.81025	0.739082	1.07937	1.07937	0.689142	0.912216	-1.09623	0.0529962	0.605052	-1.65275	0.0455302	0.592157	-1.68874	3.71744	3.07388	0.735005	1
cg09539739	LONP2	8.45E-06	0.000383896	0.623797	-1.60309	2.19E-05	0.491681	-2.03384	0.264913	0.907782	-1.10159	0.0481868	0.828597	-1.20686	4.58E-05	0.526552	-1.89915	6.79E-06	0.435364	-2.29693	6.76E-07	0.324412	-3.0825	0.0215389	0.794637	-1.25844	5.89E-05	0.538315	-1.85765	42.3839	4.65437	0.097613	1
cg22285897	LONP2	0.00198223	0.074825	0.743058	-1.34579	0.32964	1.1625	1.1625	0.00555521	1.72501	1.72501	0.96152	0.992805	-1.00725	0.105031	1.30357	1.30357	8.28E-05	0.346109	-2.88926	0.609554	0.925806	-1.08014	0.352507	1.15395	1.15395	0.366513	1.14895	1.14895	9.667	3.42953	0.315348	1
cg04595653	LONP2	0.00611717	0.0393971	1.37729	1.37729	0.0650822	1.32078	1.32078	0.0138536	1.50458	1.50458	0.824148	1.03035	1.03035	0.113242	0.79332	-1.26053	0.0522618	0.743384	-1.3452	0.00222783	0.562476	-1.77785	0.0237334	1.43709	1.43709	0.770726	1.04003	1.04003	6.89783	1.97125	0.254025	1
cg10631471	LONP2	0.00822686	0.03257	0.462108	-2.16399	0.0663888	0.529748	-1.88769	0.0177506	0.410796	-2.4343	0.889718	0.95809	-1.04374	0.00612717	0.331613	-3.01557	0.0346271	0.467581	-2.13867	0.00141737	0.240444	-4.15898	0.00235644	0.269998	-3.70373	0.0625233	0.52368	-1.90956	6.28852	9.48462	1.34066	1
cg03469910	LONP2	0.00858335	0.00141667	1.50562	1.50562	0.334588	1.09217	1.09217	0.0121844	1.31883	1.31883	0.221623	1.12054	1.12054	0.00382533	1.41261	1.41261	0.814055	1.02109	1.02109	0.0388822	0.809088	-1.23596	0.258785	1.11002	1.11002	0.800851	0.977857	-1.02264	6.20485	0.771288	0.110493	1
cg01758115	LONP2	0.00913867	0.0471757	0.477753	-2.09313	0.000505001	0.17066	-5.8596	0.0172073	0.389048	-2.57038	0.982795	1.00704	1.00704	0.354967	0.733826	-1.36272	0.0760663	0.52623	-1.90031	0.0384556	2.18137	2.18137	0.364293	0.738449	-1.35419	0.857696	0.943297	-1.06011	6.08277	10.1904	1.48914	1
cg05917480	LONP2	0.0232844	0.264485	0.724292	-1.38066	0.178453	0.672677	-1.4866	0.0279056	0.486489	-2.05555	0.541528	0.842482	-1.18697	0.42877	1.25112	1.25112	0.0383684	1.94545	1.94545	0.00272012	3.15226	3.15226	0.75414	1.09104	1.09104	0.994977	1.00175	1.00175	4.46589	5.44049	1.08287	1
cg26951614	LONP2	0.0267096	0.0732152	2.15098	2.15098	0.0894145	2.05026	2.05026	0.0319908	2.62032	2.62032	0.329581	1.47069	1.47069	0.307557	0.667026	-1.49919	0.959309	1.01975	1.01975	0.00424152	0.230527	-4.33788	0.183769	1.71708	1.71708	0.519352	0.778477	-1.28456	4.25777	9.91095	2.06909	1
cg26476173	LONP2	0.0396689	0.0120275	0.440675	-2.26925	0.0267108	0.503157	-1.98745	0.4716	0.825657	-1.21116	0.444097	1.22644	1.22644	0.0724392	0.5919	-1.68948	0.417069	0.804951	-1.24231	0.596756	1.14992	1.14992	0.0265715	1.98916	1.98916	0.565717	0.859074	-1.16404	3.69442	4.00479	0.963564	1
cg20295000	LONP2;LONP2	0.00440297	0.833993	0.969783	-1.03116	0.00257904	1.84191	1.84191	0.0537416	1.37743	1.37743	0.275286	0.847099	-1.1805	0.00273072	1.83092	1.83092	0.795039	1.03879	1.03879	0.0114991	0.629907	-1.58754	0.0197876	0.662706	-1.50896	0.647399	1.06964	1.06964	7.62797	2.58226	0.300912	1
cg23680049	LONRF1	4.23E-06	0.898835	1.01316	1.01316	0.338293	1.10729	1.10729	0.235829	0.87933	-1.13723	0.0131697	0.721092	-1.38679	1.75E-07	0.133166	-7.50944	1.49E-06	0.228957	-4.36763	8.38E-05	0.447614	-2.23407	0.235932	1.13719	1.13719	0.299851	0.894918	-1.11742	73.6334	12.0577	0.127364	1
cg20078067	LONRF1	0.00055757	0.394731	1.20834	1.20834	0.614716	1.11649	1.11649	0.761217	1.06841	1.06841	0.000425871	0.297812	-3.35783	0.793415	1.05863	1.05863	2.25E-05	0.15813	-6.3239	0.0191733	0.540485	-1.85019	0.333688	1.2417	1.2417	0.291382	1.26832	1.26832	13.8643	10.3498	0.663563	1
cg03902462	LONRF1	0.00115642	0.00201541	0.554618	-1.80304	0.0694966	1.31615	1.31615	0.00152556	0.539338	-1.85413	0.00531277	0.608349	-1.64379	0.0138002	0.662448	-1.50955	0.0687491	1.31735	1.31735	0.196388	1.20301	1.20301	0.0115521	0.652249	-1.53316	0.00145244	0.536649	-1.86342	11.2903	3.2735	0.257724	1
cg00919013	LONRF1	0.00121913	0.0345393	0.486753	-2.05443	0.000215808	6.07126	6.07126	0.0100271	2.58422	2.58422	0.0137156	2.43558	2.43558	0.259389	0.709158	-1.41012	0.552643	1.1918	1.1918	0.0105615	0.390809	-2.5588	0.00478719	2.98533	2.98533	0.978876	1.00776	1.00776	11.1215	15.0281	1.20113	1
cg01563663	LONRF1	0.00619115	0.0525789	0.874295	-1.14378	0.124418	1.10673	1.10673	0.0153427	1.19888	1.19888	0.351109	1.06024	1.06024	0.00228901	1.29682	1.29682	0.0475542	0.870978	-1.14814	0.431944	1.0501	1.0501	0.60474	1.03234	1.03234	0.00268238	1.28782	1.28782	6.87224	0.404416	0.0523091	1
cg20450712	LONRF1	0.0103025	0.330277	0.814873	-1.22718	0.000696194	0.348462	-2.86976	0.0707322	0.662648	-1.5091	0.158117	1.36002	1.36002	0.00314537	0.439308	-2.27631	0.283346	0.796805	-1.25501	0.680025	0.918961	-1.08819	0.0632261	0.653281	-1.53073	0.152038	0.731471	-1.36711	5.85449	3.85044	0.584613	1
cg24921221	LONRF1	0.0135436	0.00289294	0.159517	-6.26893	0.19531	0.541258	-1.84755	0.00967923	0.2306	-4.33652	0.0164081	0.26862	-3.72273	0.0749004	0.41106	-2.43273	0.0956231	0.440255	-2.27141	0.0266327	0.308065	-3.24607	0.161998	1.95263	1.95263	0.0258103	0.305364	-3.27478	5.35785	17.0439	2.82766	1
cg14575255	LONRF2	0.0011754	0.997837	0.99968	-1.00032	0.012043	0.690957	-1.44727	0.829266	0.974827	-1.02582	0.00767689	1.49852	1.49852	0.000819026	0.551347	-1.81374	0.00109249	0.566239	-1.76604	0.00275498	1.62847	1.62847	0.615185	0.941918	-1.06166	0.92853	1.01065	1.01065	11.238	2.4806	0.196207	1
cg10081994	LONRF2	0.00967078	0.00364459	0.116656	-8.57223	0.355949	0.595288	-1.67986	0.0716478	0.333277	-3.00051	0.103018	0.377442	-2.64942	0.016613	0.202318	-4.94272	0.184486	0.463495	-2.15752	0.000693059	0.059124	-16.9136	0.784785	0.861104	-1.1613	0.00976179	0.167759	-5.96092	5.97416	28.2367	4.20131	1
cg14348439	LONRF2	0.0405847	0.00661863	0.449971	-2.22237	0.891752	0.969625	-1.03133	0.770982	0.936015	-1.06836	0.436642	1.19695	1.19695	0.191919	0.731292	-1.36744	0.0782864	0.642024	-1.55757	0.739555	1.07851	1.07851	0.00597934	0.443066	-2.257	0.484069	1.17481	1.17481	3.66348	2.9778	0.722518	1
cg14148995	LONRF3;LONRF3	0.000821884	0.545569	0.903531	-1.10677	0.234208	0.813175	-1.22975	0.00104998	0.447518	-2.23455	0.195153	0.796729	-1.25513	4.46E-05	0.277408	-3.6048	0.00576567	0.548822	-1.82209	0.0178221	1.61233	1.61233	0.735277	0.945274	-1.05789	0.471033	1.1293	1.1293	12.4372	5.41746	0.387186	1
cg00114913	LONRF3;LONRF3	0.0376396	0.0976006	8.12558	8.12558	0.0407233	15.226	15.226	0.559323	1.97486	1.97486	0.655779	1.67716	1.67716	0.260475	0.258521	-3.86816	0.103959	0.128852	-7.76083	0.496804	2.21489	2.21489	0.0106446	40.507	40.507	0.0169714	28.6661	28.6661	3.76623	79.2411	18.7021	1
cg26339974	LOR	0.00313881	0.00648851	0.251282	-3.97959	0.0413147	0.399035	-2.50605	0.0919413	0.484712	-2.06308	0.00633079	0.249667	-4.00533	0.00307709	0.205627	-4.86317	0.0258642	0.356046	-2.80863	0.000484955	0.118216	-8.45909	0.00180122	0.176766	-5.65719	0.00811556	0.266327	-3.75478	8.44385	20.377	2.1451	1
cg05001111	LOR	0.00701242	0.02139	0.347931	-2.87413	0.00416259	0.23074	-4.33389	0.00315173	0.214227	-4.66794	0.421899	1.36788	1.36788	0.0104303	0.291914	-3.42567	0.10642	0.510085	-1.96046	0.0146241	0.31728	-3.15179	0.111271	1.93942	1.93942	0.108365	0.512324	-1.95189	6.61146	15.2666	2.05254	1
cg06970571	LOR	0.0168462	0.0633045	0.367189	-2.72339	0.842123	0.908766	-1.10039	0.459847	0.69698	-1.43476	0.0165233	0.245403	-4.07493	0.00141887	0.109128	-9.16358	0.224903	0.54254	-1.84318	0.0738681	0.384522	-2.60063	0.00478492	0.165896	-6.02788	0.0407545	0.322062	-3.10531	4.98461	18.1677	3.23978	1
cg13769805	LOR	0.0243699	0.0300276	0.334872	-2.98622	0.214914	0.57144	-1.74997	0.445277	0.716384	-1.3959	0.0681701	0.416669	-2.39999	0.0227892	0.310961	-3.21584	0.263998	0.607084	-1.64722	0.103212	0.465793	-2.14688	0.000769492	0.11269	-8.87387	0.113666	0.478162	-2.09134	4.39604	12.7927	2.58671	1
cg10228283	LOR	0.0335977	0.547917	0.825969	-1.2107	0.520308	0.814719	-1.22742	0.123512	0.591797	-1.68977	0.360676	0.744169	-1.34378	0.0724414	0.532429	-1.87819	0.887501	0.956466	-1.04552	0.0515177	0.498091	-2.00766	0.00268372	3.68677	3.68677	0.813073	1.07733	1.07733	3.92463	6.14595	1.39199	1
cg01824804	LOX	0.000290506	0.145186	0.825033	-1.21207	0.165087	1.19968	1.19968	2.98E-06	3.93271	3.93271	0.215401	0.851875	-1.17388	0.548827	1.07743	1.07743	0.832455	0.97429	-1.02639	0.606325	0.93809	-1.066	0.864741	0.979257	-1.02118	0.237828	1.16419	1.16419	16.5955	3.9729	0.212796	1
cg12580445	LOX	0.00104115	0.00194328	0.274393	-3.64441	0.00733058	0.360659	-2.7727	0.00392407	0.318191	-3.14277	0.0030316	0.30164	-3.31521	0.000765744	0.222313	-4.49817	0.0541428	0.524768	-1.90561	0.000199913	0.158476	-6.31011	0.00137584	0.254311	-3.93219	0.00628641	0.349891	-2.85803	11.6326	16.035	1.22528	1
cg05256605	LOX	0.00257564	0.0276283	0.569284	-1.75659	0.241881	1.30341	1.30341	0.367218	1.22187	1.22187	0.188385	0.739704	-1.35189	0.0301911	1.73565	1.73565	0.000370574	3.43012	3.43012	0.00702291	0.470486	-2.12546	0.0223174	1.80824	1.80824	0.374658	1.2179	1.2179	8.95309	6.63584	0.658825	1
cg01191064	LOX	0.00557934	0.0281478	0.572371	-1.74712	0.605742	0.893993	-1.11858	0.00027742	0.2779	-3.59841	0.00473004	0.445922	-2.24255	0.0052252	0.452495	-2.20997	0.0189364	0.542469	-1.84342	0.191831	0.742778	-1.3463	0.106749	0.684541	-1.46083	0.0602656	0.633779	-1.57784	7.09627	5.20558	0.652058	1
cg17646610	LOX	0.00751496	0.880477	0.965225	-1.03603	0.00913304	0.45888	-2.17922	0.00732506	0.443411	-2.25524	0.032314	1.80324	1.80324	0.146781	1.44242	1.44242	0.778529	0.93583	-1.06857	0.0057587	2.34247	2.34247	0.251731	1.32533	1.32533	0.0826336	1.57171	1.57171	6.46997	5.66988	0.778967	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg08431704	LOX	0.00771606	0.248654	0.57237	-1.74712	1.832593	0.906702	-1.1029	0.000186839	18.5028	18.5028	0.703287	1.8409O1	-1.1892	0.592662	1.28385	1.28385	0.62681	0.797144	-1.25448	0.2292298	0.304918	-3.27957	0.927541	1.02185	1.022185	0.392205	1.500346	0.450661	21.7573	3.01402	1
cg22836153	LOX	0.0111931	0.504144	0.782625	-1.27775	0.712143	0.874584	-1.1434	0.000244027	8.95854	8.95854	0.775176	0.901638	-1.10909	0.0180381	2.82565	2.82565	0.883207	1.045159	1.05459	0.455348	0.75962	-1.31645	0.709232	1.14504	1.14504	0.436096	1.332281	1.332281	5.70045	1.813039	1.840611	1
cg21215899	LOX	0.0141951	0.0169126	0.353812	-2.82636	0.0590302	2.13877	2.13877	0.593018	0.824996	-1.21213	0.0151679	0.34516	-2.89721	0.0207531	0.370554	-2.69866	0.802657	0.914578	-1.0934	0.00277552	0.2296684	-4.35381	0.0973105	0.522656	-1.9133	0.25422	0.6540065	-1.5289	5.27582	10.625	1.79013	1
cg15111469	LOX	0.0166674	0.601472	0.882314	-1.13338	0.2276318	0.538357	-1.85107	0.00487949	0.412075	-2.42674	0.116186	0.0665544	-1.50208	0.532398	0.860448	-1.16213	0.833061	1.05143	1.05143	0.0119029	2.12821	2.12821	0.126352	1.481312	1.481312	0.124566	0.673616	-1.48452	5.0024	4.47262	0.794751	1
cg21482489	LOX	0.0232736	0.0313515	0.485553	-2.05951	0.166236	1.52553	1.52553	0.529223	0.833299	-1.20005	0.195796	0.676119	-1.47093	0.0190846	0.504999	-1.9802	0.464974	1.23708	1.23708	0.0107233	0.466263	-2.38235	0.349367	0.0455782	0.518984	-1.92684	0.754945	0.914318	-1.09371	4.46644	5.790407	1.15227	1
cg06508445	LOX	0.0315725	0.190807	0.812109	-1.23136	0.2568667	1.19458	1.19458	0.38388	0.845969	-1.18208	0.737018	0.195194	1.05194	0.326452	1.16441	1.16441	0.96582	0.993583	-1.00466	0.00101572	0.480808	-2.07983	0.332631	1.16202	1.16202	0.442035	1.12409	1.12409	4.01313	1.43469	0.317776	1
cg23352712	LOX	0.0342218	0.239377	0.446645	-2.23892	0.510814	0.646409	-1.54701	0.00112728	23.0041	23.0041	0.697794	0.774714	-1.2908	0.349896	1.87661	1.87661	0.61155	1.398	1.398	0.135878	0.34947	-2.86147	0.987758	0.990013	-1.01009	0.239199	2.239666	2.239666	3.89869	26.424	6.0246	1
cg01429121	LOX:LOX	0.0274377	0.148973	1.38933	1.388933	0.1665204	1.17596	1.476596	0.6609313	1.40357	1.40357	0.560964	1.098892	1.049859	0.1539973	1.572342	1.572342	0.00482357	2.40732	2.40732	0.159859	0.918286	-1.08899	0.890722	1.0223	1.0223	0.8200315	0.964499	-1.03725	4.900393	2.00002	0.362524	1
cg09499414	LOX:LOX	0.0321842	0.60486	0.940565	-1.06546	0.0155665	1.36665	1.36665	0.231469	1.14116	1.14116	0.518208	0.933406	-1.07134	0.844153	0.979506	-1.02092	0.962948	0.995125	-1.0049	0.0344047	0.658342	-1.51897	0.105441	1.20454	1.20454	0.553741	1.06505	1.06505	3.98568	0.698705	0.155826	1
cg21737734	LOXHD1	6.48E-07	0.00884458	0.807278	-1.23873	0.0599957	1.1461	1.1461	0.000215267	0.672349	-1.48732	0.539854	0.960897	-1.04069	1.14E-07	0.33553	-2.98036	0.000185582	1.50034	1.50034	1.99E-07	0.3616151	-2.76537	0.00101129	0.730908	-1.36816	6.10E-06	0.521538	-1.91741	81.9201	5.35897	0.0581485	1
cg05315417	LOXHD1	7.08E-05	0.00774641	0.492144	1.449264	0.4078237	1.16561	1.16561	0.012907	1.02669	1.02669	0.00846851	0.54225	-1.84417	0.0113355	0.794444	-1.25875	0.144015	1.20161	1.20161	0.0303169	0.643172	-1.62768	0.0554506	0.657979	-1.51379	0.958338	1.00613	1.00613	1.344799	5.264686	0.1927247	1
cg00214274	LOXHD1	0.0001098784	0.317574	0.80528	-1.2418	0.00678083	0.479252	-2.08658	4.30E-06	0.108144	-9.24695	0.00496908	0.318351	-3.14118	0.00483485	0.456812	-2.18908	0.180985	0.742504	-1.34679	0.0020536	0.460293	-2.48528	0.0445309	0.452568	-2.20961	0.755527	0.936625	-1.06766	18.4016	12.8064	0.618615	1
cg22102582	LOXHD1	0.0001561812	0.544709	0.918097	-1.08919	0.0003404119	0.443306	-2.2356	0.000275558	0.435182	-2.29786	0.881769	0.6206	1.0206	0.000827317	0.498247	-2.00704	0.718544	0.958802	-1.05174	0.0242023	0.45437	-2.20096	0.0034518	0.708437	-1.72165	0.00243796	0.555441	-1.80037	18.8349	4.25728	0.273528	1
cg22138002	LOXHD1	0.0005941844	0.137136	1.26178	1.26178	0.0164162	0.653193	-1.53094	0.00211554	0.533903	-1.873	0.769879	0.958296	-1.04352	9.61E-05	0.2609468	-3.83186	0.045072	2.7161	-1.39645	0.000171233	0.395535	-2.52822	0.020519	0.666751	-1.49981	0.00297148	0.553201	-1.80756	13.6208	4.54948	0.296897	1
cg15132710	LOXHD1	0.000701803	0.553437	0.19891	1.09891	0.000107196	0.341271	-2.93023	0.07745O1	0.734315	-1.36181	0.0774598	1.3618	1.3618	2926166	1.18742	1.18742	0.00188734	1.999885	1.99985	0.0010586	0.2156266	2.13566	0.722549	1.0577	1.0577	0.360742	0.862577	-1.15932	1.030116	5.009757	0.34851	1
cg14885601	LOXHD1	0.0030297	0.0104641	0.365165	-2.73101	0.154618	0.717667	-1.3934	0.0560588	0.628377	-1.66288	0.740677	0.375534	1.07534	0.0055229	0.440627	-2.27033	0.120107	0.540501	-1.98412	0.241657	0.764895	-1.30737	0.00225451	0.267052	-3.7455	0.0088232	0.482317	-2.07333	6.534215	0.673273	0.1363511	1
cg27263382	LOXHD1	0.0031939	0.482142	1.09069	1.09069	0.149064	1.24024	1.24024	0.412786	0.90325	-1.10711	0.116504	1.23031	1.23031	0.000221425	0.473535	-2.11178	0.003176S2	1.63179	1.63179	0.119685	1.22774	1.22774	0.797115	0.969178	-1.0318	0.423028	1.10456	1.10456	8.44339	1.97483	0.207903	1
cg19329556	LOXHD1	0.0043077	0.96258	1.01543	1.01543	0.22898	1.14159	-1.31701	0.000302165	1.46376	-1.80384	0.328883	0.715705	-1.38846	0.000956041	0.209015	-4.78443	0.028727	1.43082	-1.32316	0.0220107	0.4079O9	-2.45123	0.187821	0.634001	-1.57706	0.0243905	0.416645	-2.40013	7.67756	12.9543	1.49982	1
cg21956318	LOXHD1	0.0102423	0.733204	1.1313	1.1313	0.0242429	0.685531	-1.45851	0.00922083	0.560707	-2.27233	0.463659	0.994442	-1.00585	0.805095	0.350649	-2.78049	0.019226	2.37984	2.37984	0.00480257	0.315223	-3.17086	0.026954	0.494468	-2.02338	0.0120913	0.576698	-1.73465	8.84143	1.33988	1
cg05264816	LOXHD1	0.0183678	0.0602004	0.554205	-1.80439	0.613399	0.867042	-1.15335	0.00307097	0.323476	-3.09142	0.863036	0.95306	-1.04925	0.00275554	0.315O	-3.16767	0.0935978	0.598426	-1.67105	0.0211882	0.462302	-2.16309	0.0401024	0.516605	-1.93571	0.075119	0.575899	-1.73642	4.84205	5.94548	1.09145	1
cg13561807	LOXHD1	0.0222358	0.0636265	0.682274	-1.46499	0.0301246	0.757315	-1.3211	0.00307267	0.432581	-2.42375	0.727991	0.937988	-1.06471	0.0123305	0.447859	-2.23284	0.143786	0.74979	-1.3337	0.0112857	0.4123308	2.42511	0.115335	0.539613	-1.8537	0.0388507	0.85055	-1.17571	6.36872	0.388057	0.85055	0.473217	1
cg18144485	LOXHD1	0.0262932	0.151354	0.683312	-1.46346	0.0402513	0.55601	-1.79853	0.00716169	0.423193	-2.36332	0.866933	0.959244	-1.04249	0.166567	0.693968	-1.44099	0.100302	1.56198	1.56198	0.0315174	1.786765	1.786765	0.117668	0.651171	-1.5357	0.964237	1.01117	1.01117	0.241226	4.15995	0.863703	1
cg03439863	LOXHD1	0.0003966	0.194371	1.24565	1.24565	0.134	0.0784955	1.2534	0.0001	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg16481525	LOXHD1:LOXHD1	0.000478112	0.109652	0.670861	-1.49062	0.282076	0.774252	-1.29157	0.0133462	0.495805	-2.01692	0.766981	0.70038	1.07038	9.04E-05	0.2014311	4.96448	0.0658339	0.241429	-4.14201	0.00226016	0.189554	-5.37168	0.0601525	0.449088	-2.22674	0.0692666	0.449227	-2.22583	0.13139	15.0503	2.18189	1
cg15501892	LOXHD1:LOXHD1	0.00124859	0.56473	0.790265	-1.26537	0.363304	0.479309	-2.08607	0.0040588	0.377008	-2.64948	0.133448	0.25262	3.95768	0.0002308	0.1313348	7.61299	0.102604	0.440999	-2.26434	0.0663384	0.133585	-7.48586	0.0014155	0.127159	-7.86798	0.0038111	0.450085	-2.2218	0.53507	17.5533	2.83583	1
cg07071206	LOXHD1:LOXHD1	0.0153386	0.966423	0.986156	-1.01404	0.585687	0.833359	-1.19996	0.510979	0.801874	-1.24708	0.644018	0.502518	-1.98998	0.00115668	0.205789	-4.85934	0.0107049	0.345641	-2.89318	0.463977	0.781257	-1.27999	0.307152	0.704606	-1.41923	0.0036405	0.271773	-3.67954	5.14256	8.93322	1.5441	1
cg03134355	LOXHD1:LOXHD1	0.0176819	0.557266	1.13488	1.13488	0.046585	0.67442	-1.4835	0.0133008	0.565455	-1.76864	0.460398	0.328883	0.715705	-1.38846	0.000956041	0.209015	-4.78443	0.029007	2.54691	0.1859	0.3927098	2.54529	0.172975	0.534201	-1.87292	0.0494942	0.416645	-2.40013	7.67756	12.9543	1.49982	1
cg02862461	LOXHD1:LOXHD1	5.71E-06	0.00540389	0.564853	-1.77037	0.346 07	0.119256	-2.38535	0.000121036	0.35082	-2.85406	0.154574	0.90253	-1.108	1.44E-05	0.2446648	4.08751	0.0175493	0.637096	-1.56962	2.12E-06	0.162476	-6.15476	7.20E-05	0.274958	-3.63692	0.000323288	0.403659	-2.47734	46.8952	18.0721	0.342554	1
cg07931960	LOXHD1:LOXHD1:LOXHD1	0.000294502	0.460998	0.823774	-1.21393	0.0996278	0.427722	-2.33797	9.95E-05	0.167994	-5.95258	0.000321938	0.222413	-4.49574	0.567397	0.861302	-1.16103	0.0155934	0.464885	-2.15107	0.000779828	0.269076	-3.71643	0.000170303	0.918551	-5.21237	0.000248816	0.209757	-4.76742	16.5336	17.4706	0.939262	1
cg23345292	LOXHD1:LOXHD1:LOXHD1	0.00838581	0.857382	1.04945	1.04945	0.0188445	0.451506	-2.40673	0.00160874	0.307357	-3.25264	0.0104	0.443284	-2.25564	0.0001	0.1844549	-5.42135	-0.43482	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	1
cg20454888	LOXHD1:LOXHD1:LOXHD1	0.00706456	0.339834	0.850238	-1.17614	0.0011554	0.454029	-2.2025	0.154185	0.777581	-1.28604	0.493444	1.12154	1.12154	0.000361885	0.389439	2.5678	0.972552	1.00569	1.00569	0.933907	1.01377	1.01377	0.601831	0.916842	-1.0907	0.590674	0.914344	-1.09368	6.5662	2.84146	0.382909	1
cg18220799	LOXHD1:LOXHD1:LOXHD1:LOXHD1	0.00454409	0.0282624	1.71313	1.71313	0.0398545	0.3564	-2.80651	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	1
cg12934788	LOXHD1:LOXHD1:LOXHD1:LOXHD1	0.000972602	0.0018302	0.181179	-5.51941	0.000661716	0.119274	-8.38407	0.000624986	0.131371	-7.61201	0.00348331	0.216614	-4.61651	0.000498776	0.122282	8.17783	0.0636959	0.254121	-3.93513	0.00284471	0.204978	-4.87858	0.0235786	0.352355	-2.83805	0.00559038	0.245638	-4.07303	11.8595	27.9597	2.09562	1
cg19087461	LOXL1	5.71E-07	0.0395074	0.72156	-1.40339	0.0766252	0.614003	-1.62866	0.59021	0.922722	-1.07843	0.110002	0.78043	-1.28135	0.00694224	0.608289	-1.64396	0.0008153	0.742504	-1.34679	0.0020536	0.460293	-2.48528	0.0445309	0.452568	-2.20961	0.755527	0.936625	-1.06766	18.4016	12.8064	0.618615	1
cg00134401	LOXL1	0.00022971	0.700555	0.901304	-1.1095	0.565271	1.22943	1.22943	0.256376	0.656418	-1.52342	0.870486	0.94367	-1.05969	0.928408	0.968573	-1.03245	0.00509352	3.72625	3.72625	2.90E-06	53.0656	53.0656	0.191527	0.611818	-1.63447	0.693883	1.868874	-1.15092	17.6926	35.3782	1.77743	1
cg25561440	LOXL1	0.000507618	0.152585	1.37924	1.37924	0.0170971	0.814445	-1.22783	0.202891	0.82263	-1.21569	0.542253	1.52553	1.52553	0.916213	0.344124	-2.90539	0.0104214	0.596539	-1.67594	0.0150284	0.7504264	-1.33257	0.0434175	0.58453	-1.71017	0.0434207	0.59049	-1.69357	0.0434175	0.58453	-1.71017	0.0434207	0.59049	3.74308	1
cg25738958	LOXL1	0.00165485	0.9976	-1.00775	-1.00225	0.950675	0.954811	-1.04733	0.717775	1.31169	1.31169	0.609707	1.46941	1.46941	0.317627	0.462015	-2.16443	0.0076346	6.2883	6.2883	1.74E-05	716.76	716.76	0.60429	0.673644	-1.48446	0.891475	1.107443	1.107443	10.1858	90.1454	7.86601	1
cg06283368	LOXL1	0.00186517	0.636969	0.754226	-1.32586	0.0557277	0.276322	-3.61896	0.110022	0.355744	-2.81101	0.0820864	0.13616	0.13616	0.7002	1.25805	1.25805	0.00428624	9.64808	9.64808	9.56E-05	61.6197	61.6197	0.254884	0.493944	-2.02454	0.307368	0.534213	-1.87191	9.83969	54.8631	4.95617	1
cg16581800	LOXL1	0.00504047	0.424634	1.19125	1.19125	0.0317886	0.637369	-1.56795	0.0132395	0.476	-2.10204	0.0109127	0.12476	0.12476	0.0002807	0.1224131	8.17004	0.1950375	0.860207	-1.1625	0.0604982	0.1251	0.0604982	0.1251	0.0604982	0.1251	0.0604982	0.1251	0.0604982	0.1251	0.0604982	0.1251	0.0604982	0.1251	1
cg27254180	LOXL1	0.00572362	0.120508	1.21113	1.21113	0.0015422	0.67834	-1.67834	0.257058	1.14402	1.14402	0.01203291	1.71521	1.71521	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	1
cg00445302	LOXL1	0.0015519	0.075353	0.7	-1.42857	0.0264	0.0	-1.04733	0.717775	1.31169	1.31169	0.609707	1.46941	1.46941	0.317627	0.462015	-2.16443	0.0076346	6.2883	6.2883	1.74E-05	716.76	716.76	0.60429	0.673644	-1.48446	0.891475	1.107443	1.107443	10.1858	90.1454	7.86601	1
cg14852355	LOXL1	0.0240499	0.0123707	0.444543	-2.2495	0.187202	0.694937	-1.43898	0.00458727	0.374404	-2.67091	0.102294	0.627825	-1.5928	0.0621926	0.578926	-1.72734	0.22001	0.714808	-1.39898	0.0947528	1.61295	1.61295	0.706423	1.10353	1.10353	0.0490995	0.55721	-1.79466	4.41622	4.74052	0.954162	1
cg01652927	LOXL1	0.0013565	0.0167629	0.5	-1.5	0.0140794	0.9697	-2.72502	0.00216588	0.3	-3.33333	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg04435632	LOXL1	0.0389605	0.227179	0.82716	-1.21549	0.08	0.999765	0.00024	0.010571	0.944242	-1.05905	0.543601	0.790956	1.26429	0.0048253	0.494273	-2.02527	0.854426	0.970288	0.02871	0.13921	1.227758	-7.2758	0.07	0.703104	-1.42264	0.37189	0.70104	-1.42664	3.71957	0.95041	0.333524	1
cg02846219	LOXL1	0.0437867	0.0365576	0.568714	-1.75835	0.640057	0.898152	-1.1134	0.0158383	0.503317	-1.98682	0.120726	0.676437	-1.47833	0.0091325	0.463364	-2.15813	0.803415	0.943708	-1.05965	0.085032	1.55637	1.55637	0.637306	0.895551	-1.11663	0.464049	0.841042	-1.189	3.56172	3.04385	0.759646	1
cg18460934	LOXL2	0.0008753	0.0037523	0.749553	-1.33409	0.1532659	1.13394	1.13394	0.0225819	0.759358	-1.31744	0.0129639	0.779353	-1.28315	0.0416588	0.627234	-1.59418	0.0237338	1.03128	1.03128	0.0184545	0.969853	-1.03121	0.538986	0.813347	1.13147	1.13147	0.000107532	0.257599	1.88283	0.213789	3.71387	0.555193	1
cg21397592	LOXL2	0.00723773	0.761531	1.03036	1.03036	0.00335	0.148026	1.48026	0.0208208	0.813408	1.31409	1.31409	0.4906	1.07122	0.0116675	0.813189	1.22973	0.075323	1.788902	-1.26758	0.019324	1.34775	1.34775	0.081175	0.826998	-1.20919	0.125276	0.849576	-1.17706	6.545611	1.00083	0.135894	1
cg04295702	LOXL2	0.00908283	0.918864	1.02781	1.01734	0.872228	1.02752	1.02752	0.00266257	0.468618	-2.01535	0.137115	1.31007	1.31007	0.205139	0.798133	-1.25292	0.82281	0.962888	-1.03854	0.0282996	0.646015	-1.54795	0.000792876	0.425206	-2.3513	0.03635	0.719574	-1.38964	0.708102	-1.41253	2.479487	0.402479	1
cg08864083	LOXL2	0.0012186	0.88822	1.01126	1.01126	0.0459962	0.1181	1.1181	0.0001	0.0586118	0.588003	-1.69778	0.0253122	1.05125	0.758551	0.947347	-1.05558	0.0336676	1.4916	1.4916	0.1449957	1.88492	1.88492	0.124841	0.848597	-1.1782	0.429767	1.93989	-1.51872	4.697667	1.93989	0.367064	1
cg01009386	LOXL2	0.0275274	0.593155	0.822452	-1.21588	0.109794	0.531428	-1.88172	0.00227703	0.212736	-4.70067	0.671756	1.16715	1.16715	0.00261403	0.220476	-4.53563	0.528314	0.793194	-1.26073	0.271836	0.660458	-1.5141	0.827203	0.923779	-1.08251	0.327824	0.693295	-1.44239	4.212295	8.7753	1.8515	1
cg00535960	LOXL2	0.0013282	0.0511282	0.6	-1.66667	0.0	0.0	-1.0	0.0	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg08884476	LOXL2	0.0476738	0.203748	0.748505	-1.336	0.230798	0.30667	1.30667	0.0097434	0.493627	-2.02582	0.00495632	0.447774	-2.23327	0.464763	0.851574	-1.1741	0.355459	0.814428	-1.22786	0.470147	1.17195	1.17195	0.54891	0.877241	-1.13994	0.255872	0.774038	-1.29193	3.449884	2.54801	0.656521	1
cg00587516	LOXL2:LOXL2	0.0012363	0.153068	0.878319	-1.13854	0.0370971	0.814445	-1.22783	0.202891	0.82263	-1.21569	0.542253	1.52553	1.52553	0.916213	0.344124	-2.90539	0.0104214	0.596539	-1.67594	0.0150284	0.7504264	-1.33257	0.0434175	0.58453	-1.71017	0.0434207	0.59049	-1.69357	0.0434175	0.58453	-1.71017	0.0434207	0.59049	3.74308	1
cg07352539	LOXL2:LOXL2	0.0158234	0.426716	0.866298	-1.15434	0.31264	1.20287	1.20287	0.42833	1.15373	1.15373	0.413778	1.15923	1.15923	0.25436	0.745805	1.34083	0.000395958	0.368748	-2.71188	0.712958	1.06753	1.06753	0.249013	1.23749	1.23749	0.419625	0.864302	-1.15707	5.85884	7.52118	0.440308	1
cg12161067	LOXL3	0.000531057	0.138576	0.738532	-1.35404	0.919747	0.981025	-1.01934	4.64E-05	4.31178	4.31178	0.659974	0.919285	-1.0878	0.958281	1.00999	1.00999	0.000157966	3.41571	3.41571	0.128841	0.73199	-1.36614	0.0596831	0.66767	-1.49775	0.80532	1.04806	1.04806	14.0387	8.03418	0.508699	1
cg08303998	LOXL3:HTRA2:HTRA2	0.0018773	0.0534705	0.399904	-2.50156	0.0532039	0.144	0.144	0.0001	0.0148155	0.301494	-3.31681	0.467199	0.734074	-1.36236	0.0681128	0.425845	0.0076753	0.2940813	-3.40126	0.0111225	0.2765646	-3.61604	0.219864	0.528095	-1.89337	0.0111225	0.2765646	-3.61604	0.219864	0.528095	-1.89337	0.0111225	0.2765646	1
cg07146435	LOXL4	0.00750659	0.0718522	1.34847	1.34847	0.549306	0.913805	-1.09433	0.0013775	0.504114	-1.99436	0.942187	0.989268	-1.01085	0.00170067	0.51335	-1.94799	0.0102689	1.6181	1.6181	0.112863	1.29271	1.29271	0.000185635	0.390989	-2.55761	0.0509657	0.718387	-1.39201	12.7584	4.47228	0.311588	1
cg16102606	LOXL4	0.0027475	0.0295265	0.6	-1.66667	0.2185	0.0	-1.0	0.0	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg20214853	LOXL4	0.00635683	0.952839	1.0114	1.0114	0.0589337	0.663831	-1.50641	0.0661185	0.673732	-1.48427	0.0150811	1.77217	1.77217	0.00914268	1.88569	1.88569	0.0500989	1.53412	1.53412	0.00845151	0.525082	-1.90446	0.0399895	1.57582	1.57582	0.243352	0.791463	-1.26348	6.816528	0.962625	0.516704	1
ch.10.2094808	LOXL4	0.00640305	0.0394791	0.357555	-2.79693	0.0010229	0.122165	-8.18566	0.0218895	0.304923	-3.27951	0.000684047	0.106446	-9.39444	0.0017416	0.106126	9.42129	0.0248932	0.439213	-2.2768	0.159835	0.522794	-1.9128	0.111738	0.473329	-2.11269	0.0802407	0.43257	-2.31176	6.801	20.0856	2.62519	1
cg04521765	LOXL4	0.0104276	0.0062769	0.583374	-1.71429	0.0010365	0.0	-1.0	0.0	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg14663533	LPA	2.58E-05	0.0208222	0.494005	-2.02427	0.00048577	2.55945	2.55945	0.00135308	0.449423	-2.22508	2.08E-05	0.228532	-4.37575	6.28E-05	0.281787	3.54878	0.0033825	0.779975	1.28211	0.0001	0.1844549	-5.42135	0.0038569	-2.30983	0.0001	0.1844549	-5.42135	0.0038569	-2.30983

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20784862	LPCAT1	0.0164004	0.00442784	1.45998	1.45998	0.439428	1.08174	1.08174	0.0957177	0.833324	-1.20001	0.182075	0.868385	-1.15156	0.43443	0.923609	-1.08271
cg12670963	LPCAT1	0.0173038	0.081401	1.23659	1.23659	0.00125572	1.67843	1.67843	0.0701714	1.24926	1.24926	0.180608	0.855308	-1.16917	0.0119339	1.41185	1.41185
cg02661034	LPCAT1	0.0187993	0.905347	0.961213	-1.04035	0.00955787	0.335761	-2.97831	0.0146835	0.368266	-2.71542	0.1488	0.597534	-1.67354	0.0010653	0.200171	-4.99573
cg22938488	LPCAT1	0.0194042	0.919104	1.01326	1.01326	0.290689	0.867505	-1.15273	0.240541	0.852763	-1.17266	0.0195304	1.44173	1.44173	0.0584276	0.757922	-1.3194
cg16272981	LPCAT1	0.0194383	0.00819519	0.48275	-2.07147	0.393436	0.828456	-1.20706	0.0152718	0.526634	-1.89885	0.00683315	0.47036	-2.12603	0.123666	1.43186	1.43186
cg06977900	LPCAT1	0.0220215	0.56397	0.91608	-1.09161	0.358002	0.867583	-1.15263	0.157181	0.796651	-1.25525	0.204841	0.817882	-1.22267	0.79469	1.03997	1.03997
cg12920963	LPCAT1	0.0230235	0.0117936	0.485627	-2.05919	0.693892	1.09511	1.09511	0.855285	0.958936	-1.04282	0.409102	0.823735	-1.21398	0.0201882	0.52549	-1.90299
cg07902156	LPCAT1	0.0234928	0.566191	1.09039	1.09039	0.584056	0.920812	-1.086	0.0346677	0.692479	-1.44409	0.00463373	0.570027	-1.7543	0.276966	1.1838	1.1838
cg02531924	LPCAT1	0.0242113	0.133826	0.674118	-1.48342	0.0277869	0.530315	-1.88567	0.0650802	1.65725	1.65725	0.552757	1.15773	1.15773	0.0529029	0.584752	-1.71013
cg06661456	LPCAT1	0.0253589	0.166824	0.710155	-1.40814	0.0220827	0.528662	-1.89157	0.138998	1.44745	1.44745	0.608041	1.12764	1.12764	0.00339349	0.396564	-2.52166
cg07516556	LPCAT1	0.028889	0.189336	0.609007	-1.64202	0.460685	1.3072	1.3072	0.587195	0.822405	-1.21595	0.558574	0.809775	-1.23491	0.00424308	0.255345	-3.91627
cg24618694	LPCAT1	0.0291196	0.435221	0.903897	-1.10632	0.0639839	0.767807	-1.30241	0.272019	0.864924	-1.15617	0.0280033	1.39021	1.39021	0.05559	0.759335	-1.31694
cg10546727	LPCAT1	0.030875	0.156918	1.48627	1.48627	0.148134	0.666265	-1.50091	0.534331	1.17907	1.17907	0.216236	1.40583	1.40583	0.00470412	0.374102	-2.67307
cg02599626	LPCAT1	0.0322606	0.0292219	0.522808	-1.91275	0.03303	1.8762	1.8762	0.509517	0.844595	-1.184	0.664975	0.895848	-1.11626	0.0232474	0.504232	-1.98322
cg01945913	LPCAT1	0.033467	0.107746	0.722296	-1.38447	0.539267	0.891182	-1.12211	0.645482	0.917723	-1.08965	0.29142	0.816352	-1.22496	0.00817551	0.534025	-1.87257
cg05661533	LPCAT1	0.0349264	0.336993	0.860663	-1.1619	0.993182	0.998706	-1.0013	0.263129	0.837912	-1.19344	0.504478	0.902425	-1.10812	0.0626066	1.37386	1.37386
cg19503640	LPCAT1	0.0356059	0.0837727	0.175739	-5.69025	0.0627328	0.149162	-6.70412	0.0726674	0.162103	-6.16892	0.067721	0.155758	-6.42021	0.00398634	0.0296942	-33.6766
cg13001844	LPCAT1	0.0367142	0.0144916	0.729955	-1.36995	0.476385	0.927125	-1.0786	0.91094	0.988376	-1.01176	0.383179	0.910787	-1.09795	0.0234722	0.753659	-1.32686
cg17685115	LPCAT1	0.0483962	0.133088	0.50922	-1.96379	0.197385	0.566939	-1.76386	0.17587	0.549145	-1.82101	0.374328	0.684015	-1.46196	0.000930963	0.127674	-7.83243
cg04432174	LPCAT1	0.048744	0.0938269	0.751208	-1.33119	0.0124171	1.62113	1.62113	0.132944	1.28622	1.28622	0.993322	1.0013	1.0013	0.707502	0.943156	-1.06027
cg01751134	LPCAT2	6.93E-05	0.0206479	0.0805929	-12.408	0.000395846	163.558	163.558	0.0124023	16.6457	16.6457	0.000537006	129.78	129.78	0.158725	0.256369	-3.90063
cg00427604	LPCAT2	0.000552429	0.336714	0.849472	-1.1772	0.000253806	2.69922	2.69922	0.296034	1.19538	1.19538	0.177051	1.26658	1.26658	0.00455644	0.536713	-1.86319
cg00249264	LPCAT2	0.000836364	0.42963	1.13919	1.13919	0.000219285	2.70654	2.70654	0.0235929	1.54795	1.54795	0.00786688	1.73526	1.73526	0.124977	0.764578	-1.30791
cg01998785	LPCAT2	0.00346085	0.973185	0.995322	-1.0047	0.00336688	1.7444	1.7444	0.919417	1.01422	1.01422	0.0236344	1.45784	1.45784	0.957156	0.992533	-1.00752
cg07627639	LPCAT2	0.00957386	0.664753	0.878217	-1.13867	0.0867109	1.75684	1.75684	0.0130511	0.399639	-2.50226	0.230296	0.687398	-1.45476	0.608834	1.16617	1.16617
cg03055942	LPCAT2;CAPNS2;CAPNS2	0.040076	0.951096	1.0202	1.0202	0.00886402	0.337498	-2.96298	0.00311309	0.267524	-3.73798	0.159293	0.61235	-1.63305	0.494117	1.25409	1.25409
cg16176379	LPCAT2;LPCAT2	3.85E-06	0.680188	0.866106	-1.15459	3.10E-06	46.6574	46.6574	0.00041235	6.98959	6.98959	4.47E-05	14.5944	14.5944	0.589678	0.827933	-1.20783
cg08416650	LPCAT2;LPCAT2	5.78E-06	0.518598	0.757117	-1.3208	4.98E-06	83.522	83.522	0.000346927	11.5501	11.5501	2.72E-05	33.7446	33.7446	0.12857	2.01054	2.01054
cg09793988	LPCAT2;LPCAT2	2.05E-05	0.609683	0.783481	-1.27636	1.90E-05	61.6084	61.6084	0.00119784	9.4824	9.4824	9.58E-05	26.8589	26.8589	0.438391	1.45437	1.45437
cg27458265	LPCAT2;LPCAT2	2.15E-05	0.851341	0.92835	-1.07718	1.48E-05	35.2539	35.2539	0.00116691	6.61265	6.61265	0.000134443	13.7522	13.7522	0.58996	1.2406	1.2406
cg26651188	LPCAT3	7.43E-06	0.000368938	0.583618	-1.71345	7.46E-06	0.394019	-2.53795	4.00E-06	0.363501	-2.75103	0.0100316	0.735674	-1.3593	0.00967794	0.734046	-1.36231
cg12063138	LPCAT3	0.000405194	0.00489654	0.604288	-1.65484	0.00364779	0.587907	-1.70095	0.00875426	0.636935	-1.57002	0.328293	0.872582	-1.14602	0.75886	1.04247	1.04247
cg17842066	LPCAT3	0.000725397	0.232244	0.616466	-1.62215	0.0346971	2.58756	2.58756	0.827065	1.08816	1.08816	0.000539254	7.98973	7.98973	0.0291135	0.370477	-2.69922
cg21701774	LPCAT3	0.00137428	0.000325904	0.0706412	-14.156	0.186718	0.528049	-1.89376	9.94E-05	0.0428105	-23.3587	0.552266	0.760079	-1.31565	0.794967	0.887972	-1.12616
cg13481809	LPCAT3	0.00849921	0.522838	1.16888	1.16888	0.00191998	2.88164	2.88164	0.366265	1.25065	1.25065	0.276604	1.31347	1.31347	0.00138807	0.327364	-3.0547
cg20385918	LPCAT4	0.00160269	0.00327419	0.746632	-1.33935	0.28331	0.921952	-1.08465	0.223287	0.91094	-1.09777	0.00108678	0.703645	-1.42117	0.000425531	0.665801	-1.50195
cg01209271	LPCAT4	0.00898416	0.0111079	0.568404	-1.75931	0.337915	0.839212	-1.19159	0.181855	1.28589	1.28589	0.00374035	0.499249	-2.00301	0.0130442	0.578979	-1.72718
cg12450255	LPCAT4;LPCAT4	0.0371688	0.0638589	0.739459	-1.35234	0.0455453	1.39411	1.39411	0.0380292	1.41693	1.41693	0.0461348	0.718131	-1.3925	0.0934061	1.30655	1.30655
cg08183490	LPGAT1	0.00131295	0.0339501	0.862499	-1.15942	0.0318177	1.16223	1.16223	0.00891198	0.819692	-1.21997	0.226277	0.926894	-1.07887	0.298978	1.06643	1.06643
cg21790344	LPGAT1	0.00148057	0.00586308	0.200258	-4.99357	0.00224761	0.148496	-6.73417	0.00152635	0.130738	-7.64888	0.27398	0.601946	-1.66128	0.0196148	0.284425	-3.51586
cg09168728	LPGAT1	0.00321883	0.344187	0.712195	-1.40411	0.208148	0.629864	-1.58765	0.104081	0.538478	-1.85708	0.0915815	1.91	1.91	0.122301	0.558049	-1.79196
cg08892386	LPGAT1	0.00846921	0.0137126	0.23642	-4.22976	0.00425418	0.163623	-6.11162	0.025993	0.286397	-3.49166	0.650944	0.806116	-1.24052	0.0125618	0.230192	-4.3442
cg07097417	LPGAT1	0.0114261	0.245757	0.801765	-1.24725	0.300626	1.21556	1.21556	0.0238629	1.63343	1.63343	0.0114401	1.77882	1.77882	0.0136428	0.573917	-1.74241
cg17145862	LPGAT1	0.0498236	0.618186	1.15176	1.15176	0.0777502	1.73536	1.73536	0.0208672	2.18551	2.18551	0.101555	1.65542	1.65542	0.896962	0.964225	-1.0371
cg13064658	LPGAT1;LPGAT1	2.78E-05	0.678906	0.913687	-1.09447	0.0889314	0.665748	-1.50207	0.0829442	0.659469	-1.51637	0.854282	0.960917	-1.04067	0.196606	0.743744	-1.34455
cg21048262	LPHN1;LPHN1	0.00093354	0.0363036	0.798443	-1.25244	0.0475168	1.23321	1.23321	0.0112813	0.745646	-1.34112	0.73919	1.03138	1.03138	0.511248	1.06356	1.06356
cg27499361	LPHN1;LPHN1	0.00188273	0.644789	0.860281	-1.16241	0.0423916	0.468686	-2.13362	0.597732	0.841449	-1.18843	0.744769	1.11171	1.11171	0.0076967	0.3295	-3.0349
cg22075245	LPHN1;LPHN1	0.00336789	0.765967	1.05032	1.05032	0.0170145	0.619655	-1.6138	0.786228	0.956273	-1.04573	0.758732	0.950592	-1.05198	0.0319498	0.661395	-1.51196
cg14565903	LPHN1;LPHN1	0.0115922	0.0162021	0.327064	-3.0575	0.164827	0.569441	-1.75611	0.503373	1.29443	1.29443	0.000230684	0.0979302	-10.2114	0.826534	0.91998	-1.08698
cg19681357	LPHN1;LPHN1	0.0298848	0.517602	0.811022	-1.23301	0.0292553	0.440386	-2.27074	0.0101012	2.81876	2.81876	0.389715	1.32503	1.32503	0.336997	1.37172	1.37172
cg13980528	LPHN2	2.51E-06	0.241373	1.2206	1.2206	0.31395	1.18445	1.18445	0.0986761	0.745031	-1.34223	0.000671004	0.429239	-2.32971	0.0777618	0.727146	-1.37524
cg22534621	LPHN2	0.0032965	0.00513956	0.101276	-9.87398	0.847798	0.887762	-1.12643	0.0235855	0.187304	-5.33892	0.413494	1.67864	1.67864	0.00568844	0.105693	-9.4614
cg14529474	LPHN2	0.00541868	0.0767581	0.586806	-1.70414	0.00104689	0.268848	-3.71957	0.00193894	0.304967	-3.27904	0.431746	0.804686	-1.24272	0.411039	0.796402	-1.25565
cg17870792	LPHN2	0.0071724	0.616771	1.12424	1.12424	0.0563941	1.65105	1.65105	0.0569135	1.64887	1.64887	0.582138	0.878984	-1.13768	0.499468	1.17247	1.17247
cg19744908	LPHN2	0.00782032	0.843698	1.02523	1.02523	0.496238	1.09114	1.09114	8.59E-05	2.43592	2.43592	0.807588	1.03128	1.03128	0.922227	0.987747	-1.0124
cg19627200	LPHN2	0.0108998	0.0471764	0.294409	-3.39664	0.583088	1.34776	1.34776	0.0134106	0.19232	-5.19967	0.622663	0.765643	-1.30609	0.000641095	0.0595311	-16.7979
cg13559233	LPHN2	0.0146631	0.0437014	0.484143	-2.06551	0.00667796	3.00688	3.00688	0.28078	1.42009	1.42009	0.0562152	0.508415	-1.9669	0.0389647	0.473466	-2.11208
cg17083209	LPHN2	0.0197589	0.0232468	0.107386	-9.3122	0.0844631	0.208059	-4.80633	0.0138073	0.0818051	-12.2242	0.312923	0.423752	-2.35987	0.00419578	0.0426501	-23.4466
cg04789392	LPHN2	0.0453573	0.583119	0.668811	-1.49519	0.724493	1.29281	1.29281	0.030134	0.15714	-6.36376	0.322362	0.47621	-2.09991	0.0219266	0.135976	-7.35422
cg14974938	LPHN3	1.09E-05	0.00155732	0.631581	-1.58333	3.81E-06	0.336362	-2.97299	0.348146	1.10253	1.10253	0.000953384	1.6446	1.6446	0.0315061	0.775026	-1.29028
cg22479532	LPHN3	1.99E-05	0.132341	0.829729	-1.20521	1.37E-05	0.351728	-2.84311	0.000236326	0.496469	-2.01422	0.0102723	1.45029	1.45029	3.10E-05	0.392843	-2.54555
cg19339146	LPHN3	0.000114048	0.0387923	0.706698	-1.41503	0.0210116	0.66845	-1.496	0.00103589	0.494133	-2.02375	0.362521	1.14544	1.14544	0.678848	0.941381	-1.06227
cg10223155	LPHN3	0.000130084	0.0248862	0.81631	-1.22502	0.000130099	0.603366	-1.65737	0.0581975	0.849806	-1.17674	0.00368017	0.741946	-1.34781	0.259678	1.09351	1.09351
cg26281476	LPHN3	0.000702919	0.0147425	0.675509	-1.48037	0.682175	0.947606	-1.05529	0.155498	0.819834	-1.21976	0.657247	1.06011	1.06011	1.11E-05	0.294836	-3.39171
cg24221639	LPHN3	0.00307537	0.00356831	0.53074	-1.88416	0.16876	0.79764	-1.2537	0.213848	0.817557	-1.22316	0.00841148	0.585876	-1.70684	0.15824	0.792383	-1.26202
cg20299458	LPHN3	0.00313558	0.189278	1.27863	1.27863	0.00314377	0.489916	-2.04117	0.0227457	0.617627	-1.6191	0.702714	0.934467	-1.07013	0.0685531	1.43387	1.43387
cg22671986	LPHN3	0.00524421	0.0215398	0.324598	-3.08073	0.000303492	0.0913653	-10.9451	0.0561957	0.414195	-2.41432	0.40399	0.706061	-1.41631	0.00318433	0.193655	-5.16382
cg12646794	LPHN3	0.00712792	0.106256	1.67434	1.67434	0.0191746	2.28888	2.28888	0.484429	1.23073	1.23073	0.176437	1.52181	1.52181	0.0172961	2.33304	2.33304
cg18242400	LPHN3	0.0133763	0.0129027	0.156271	-6.39912	0.00648036	0.119061	-8.39903	0.0210538	0.188514	-5.30464	0.121248	0.364125	-2.74631	0.0112781	0.148307	-6.74277
cg07174347	LPHN3	0.0147222	0.00551658	0.703822	-1.42081	0.342478	1.09875	1.09875	0.0299229	0.781957	-1.27884	0.0129975	0.743213	-1.34551	0.173156	0.869737	-1.14977
cg18416585	LPHN3	0.0164961	0.0783109	0.662803	-1.50874	0.0144731	0.530678	-1.88438	0.3141	0.803388	-1.24473	0.0374381	0.601826	-1.66161	0.00175437	0.391552	-2.55394
cg24087039	LPHN3	0.0245626	0.418324	0.875193	-1.1426	0.00482332	0.547311	-1.82711	0.225835	0.814632	-1.22755	0.40542	0.871786	-1.14707	0.108791	1.32569	1.32569
cg14382835	LPHN3	0.0283765	0.0145622	0.191972	-5.20908	0.00512287	0.131568	-7.60062	0.0718714	0.332179	-3.01042	0.55714	0.722053	-1.38494	0.0193709	0.212078	-4.71524
cg23814346	LPIN1	1.79E-05	0.689528	1.03082	1.03082	2.28E-05	0.526657	-1.89877	1.52E-05	0.507935	-1.96876	0.470553	1.05706	1.05706	0.0310692	1.21086	1.21086
cg17211562	LPIN1	0.000520856	0.00532798	0.344958	-2.8989	0.000818088	4.316	4.316	0.466584	1.23959	1.23959	0.0894582	1.72088	1.72088	0.00213585	0.286298	-3.49286
cg18992265	LPIN1	0.00376721	0.0108907	0.47426	-2.10855	0.00792239	0.451714	-2.21379	0.525418	0.86056	-1.16203	0.052236	0.597341	-1.67409	0.0328166	0.558393	-1.79085
cg27631877	LPIN1	0.0164071	0.992692	0.998074	-1.00193	0.000530914	0.321177	-3.11354	0.94648	0.985966	-1.01423	0.3024	1.25222	1.25222	0.596679	1.119	1.119
cg03096354	LPIN1	0.0420231	0.25058	0.742549	-1.34671	0.00214746	0.343455	-2.91159	0.0494054	0.573497	-1.74369	0.399291	1.23856	1.23856	0.152674	0.684008	-1.46197
cg21579399	LPIN1	0.0489215	0.121682	0.398762	-2.50776	0.553651	1.38863	1.38863	0.915744	1.0597	1.0597	0.0994887	0.371802	-2.6896	0.0154172	0.196141	-5.09838
cg10904070	LPIN2	3.72E-06	0.000102625	0.324778	-3.07903	0.00019102	0.35766	-2.79595	0.000168446	0.350925	-2.84962	0.00425264	0.534847	-1.86969	7.30E-07	0.111961	-8.93165
cg16857548	LPIN2	1.02E-05	0.000155217	0.332991	-3.00309	0.0045648	0.526719	-1.89854	0.00553994	0.538664	-1.85644	0.522951	1.11616	1.11616	3.78E-06	0.160056	-6.24783
cg12052497	LPIN2	0.000170242	0.000480462	0.346129	-2.8891	0.000865767	0.379742	-2.63337	0.00885778	0.524522	-1.9065	0.874	0.969731	-1.03121	2.21E-05	0.192142	-5.20449
cg18110535	LPIN2	0.0219076	0.875643	1.04058	1.04058	0.673204	1.11376	1.11376	0.097881	1.586	1.586	0.969427	1.00978	1.00978	0.266473	1.34189	1.34189
cg20586971	LPIN2;LOC727896	0.00341875	0.00131833	0.31491	-3.17551	0.23547	0.735351	-1.3599	0.0173703	0.488617	-2.04659	0.368216	0.795718	-1.25673	0.00125764	0.312127	-3.20382
cg21656685	LPIN2;LOC727896	0.00397029	0.0157202	0.341238	-2.93051	0.00138716	0.185741	-5.38385	0.00161255	0.193536	-5.167	0.211752	0.620151	-1.61251	0.00195351	0.203785	-4.90713
cg05076082	LPIN2;LOC727896	0.0275159	0.664775	1.1684	1.1684	0.835433	1.07708	1.07708	0.00534794	0.269919	-3.70482	0.313202	1.45116	1.45116	0.0131366	0.33361	-2.99751
cg15052335	LPIN2;LPIN2	0.00692074	0.0225049	0.47861	-2.08939	0.00813164	0.401117	-2.49304	0.00374794	0.348135	-2.87245	0.747865	1.09085	1.09085	0.00512971	0.369042	-2.70972
cg26688911	LPIN3	0.010282	0.0309913	2.67675	2.67675	0.39197	1.40632	1.40632	0.664372	1.18498	1.18498	0.920911	1.03937	1.03937	0.0565237	2.31487	2.31487
cg17103269	LPIN3	0.012412	0.00471204	0.303573	-3.2941	0.0330879	0.453384	-2.20564	0.0258323	0.431661	-2.31663	0.0835004	0.544352	-1.83705	0.00202104	0.250965	-3.98462
cg26289871	LPIN3	0.01389	0.0134763	6.43351	6.43351	0.00237977	13.8855	13.8855	0.0399423	4.17309	4.17309	0.632506	1.32795	1.32795	0.431632	1.60551	1.60551
cg19927885	LPIN3	0.0168747	0.211169	2.41117	2.41117	0.00158064	20.7154	20.7154	0.0650354	3.99113	3.99113	0.402201	1.77319	1.77319	0.0804167	3.65317	3.65317
cg07209941	LPIN3	0.0210891	0.137498	0.433709	-2.30569	0.989742	0.993308	-1.00674	0.0360778	0.279928	-3.57235	0.645089	0.784876	-1.27409	0.00152374	0.0922058	-10.8453
cg22846611	LPIN3	0.0337215	0.0150542	9.27789	9.27789	0.013574	9.74834	9.74834	0.0544069	5.08983	5.08983	0.377414	1.96452	1.96452	0.9839	1.01516	1.01516
cg18015746	LPL	0.000642513	0.0676207	0.734515	-1.36144	0.708432	1.05825	1.05825	0.440331	1.12591	1.12591	0.00138973	0.497449	-2.01026	0.0188259	0.651267	-1.53547
cg07263235	LPL	0.00761818	0.707714	0.86752	-1.15271	0.00543244	3.97621	3.97621	0.0685244	0.463278	-2.15853	0.552845	0.797281	-1.25426	0.0137303	0.316737	-3.15719
cg08918749	LPL	0.0160103	0.377841	0.844061	-1.18475	0.117547	0.727252	-1.37504	0.0203645	1.6885	1.6885	0.302283	0.818554	-1.22167	0.557485	1.11756	1.11756
cg13337658	LPL	0.0175216	0.366003	0.758825	-1.31783	0.448871	1.25775	1.25775	0.307537	0.73061	-1.36872	0.0503291	0.51533	-1.9405	0.0097566	0.378637	-2.64105
cg06890152	LPL	0.0346926	0.556024	1.15043	1.15043	0.210976	1.36363	1.36363	0.0261752	0.537509	-1.86043	0.0985605	1.53157	1.53157	0.0183996	0.510141	-1.96024
cg16125291	LPL	0.0360091	0.87981	0.948361	-1.05445	0.0267528	2.50826	2.50826	0.0166417	0.358961	-2.78582	0.350374	1.40047	1.40047	0.094682	0.525395	-1.90333
cg04265951	LPL	0.0383377	0.289377	1.26161	1.26161	0.669801	0.913343	-1.09488	0.435513	0.845252	-1.18308	0.050838	1.60019	1.60019	0.122796	0.702351	-1.42379
cg22108175	LPL;LPL	0.0303076	0.2817	0.665604	-1.50239	0.116803	1.85886	1.85886	0.0367334	0.413575	-2.41794	0.421841	0.741899	-1.34789	0.00836804	0.293511	-3.40703
cg16441044	LPO;LPO;LPO	8.79E-06	0.712337	0.913299	-1.09493	0.377455	0.801098	-1.24829	4.10E-05	0.147287	-6.78948	0.270834	1.32412	1.32412	0.000203455	0.217581	-4.59598
cg20272962	LPO;LPO;LPO	3.01E-05	9.22E-06	8.91506	8.91506	5.45E-05	5.56034	5.56034	0.396601	1.2191	1.2191	0.105458	1.49732	1.49732	0.344864	1.24863	1.24863
cg12032049	LPO;LPO;LPO	0.000103546	0.0686146	1.46977	1.46977	0.656376	1.08829	1.08829	7.62E-05	0.257951	-3.8767	0.100596	1.40468	1.40468	0.00170027	0.428772	-2.33224
cg24489015	LPO;LPO;LPO	0.000162565	0.000127999	0.115137	-8.68528	0.000194074	0.130671	-7.65278	0.000114741	0.111268	-8.98734	0.0187536	0.396846	-2.51987	0.00608283	0.312774	-3.19719
cg06451745	LPO;LPO;LPO	0.000768091	0.00797212	0.397835	-2.51361	0.0294006	0.498961	-2.00417	8.65E-05	0.148193	-6.74797	0.00709154	0.38954	-2.56713	0.00402255	0.350909	-2.84974
cg07941938	LPO;LPO;LPO	0.00215382	0.01075	0.362866	-2.75584	0.069405	0.526005	-1.90112	0.0002429	0.146716	-6.81591	0.00296423	0.275275	-3.63273	0.0372508	0.465444	-2.14849
cg00646477	LPO;LPO;LPO	0.0260213	0.453479	1.37229	1.37229	0.198671	1.76146	1.76146	0.135996	1.95752	1.95752	0.714763	1.16392	1.16392	0.486295	1.34053	1.34053
cg07845581	LPO;LPO;LPO	0.0361376	0.0127593	5.45905	5.45905	0.0272451	4.1928	4.1928	0.835386	1.12091	1.12091	0.0651024	3.11453	3.11453	0.687101	0.800818	-1.24872
cg06494199	LPO;LPO;LPO;LPO;LPO	0.000265656	0.517357	1.10453	1.10453	0.0396683	0.697478	-1.43374	3.95E-05	0.303934	-3.29019	0.347461	0.863711	-1.15779	0.080422	0.745498	-1.34138
cg16915803	LPP	0.00336278	0.130882	0.645844	-1.54836	0.974754	0.991554	-1.00852	0.164722	1.48776	1.48776	0.0312109	0.50784	-1.96913	0.00850749	0.406537	-2.4598
cg15087520	LPP	0.00379585	0.403807	0.950076	-1.05255	0.0576165	0.879228	-1.13736	0.0621687	1.13414	1.13414	0.0100384	0.822988	-1.21508	0.0399997	0.867363	-1.15292
cg01720795	LPP	0.00497817	0.00137785	1.76112	1.76112	0.0223357	0.716107	-1.39644	0.563245	0.931201	-1.07388	0.00163326	1.73388	1.73388	0.60316	1.06606	1.06606
cg26172051	LPP	0.0133139	0.00725374	0.290006	-3.44821	0.973176	0.988056	-1.01209	0.0779714	0.496624	-2.0136	0.208171	0.622372	-1.60676	0.00440118	0.256984	-3.89129
cg14306812	LPP	0.0141934	0.0784442	0.696203	-1.43636	0.450667	1.15301	1.15301	0.69803	0.930323	-1.0749	0.666373	1.08367	1.08367	0.00388695	2.05495	2.05495
cg11020537	LPP	0.0204141	0.00205184	0.205353	-4.86966	0.16398	1.7182	1.7182	0.0917009	1.96748	1.96748	0.346655	0.702443	-1.4236	0.730968	1.13405	1.13405
cg23060272	LPP	0.0241649	0.211529	0.727015	-1.37549	0.114683	0.659982	-1.51519	0.219278	1.36741	1.36741	0.128527	0.671713	-1.48873	0.00593442	0.418287	-2.39071
cg21427213	LPP	0.0277944	0.0110118	0.168587	-5.93166	0.828143	1.12902	1.12902	0.0618986	0.30926	-3.23352	0.969659	1.02146	1.02146	0.0770556	0.333745	-2.9963
cg16224163	LPP	0.0345554	0.104722	0.464819	-2.15138	0.0252597	0.316818	-3.15639	0.133829	0.497291	-2.01089	0.110523	0.471728	-2.11986	0.0111772	0.253144	-3.95033
cg18127680	LPP	0.035772	0.260235	0.575277	-1.73829	0.00921281	0.210879	-4.74206	0.714738	0.841278	-1.18867	0.495326	0.721816	-1.3854	0.0237935	0.28076	-3.56176
cg12459603	LPP	0.041951	0.721488	1.06488	1.06488	0.00398495	0.506743	-1.97339	0.00991449	0.564339	-1.77198	0.0716382	0.702415	-1.42366	0.517254	1.12221	1.12221
cg12753804	LPP;FLJ42393	0.0236483	0.344224	0.826329	-1.21017	0.0255856	0.594926	-1.68088	0.00559398	0.490486	-2.0388	0.0874768	0.691168	-1.44683	0.962484	0.990833	-1.00925
cg05044994	LPP;FLJ42393	0.0375546	0.0235192	0.265926	-3.76045	0.00788011	0.188427	-5.3071	0.0896579	0.400069	-2.49957	0.565156	0.752238	-1.32937	0.0153464	0.232949	-4.29278
cg02716749	LPP;LPP	0.00228239	?	?	?	0.968655	0.983924	-1.01634	0.494092	1.33252	1.33252	0.607948	0.807599	-1.23824	0.2857	1.58402	1.58402
cg12297546	LPP;LPP	0.00975411	0.0219968	0.730299	-1.3693	0.0022353	0.612763	-1.63195	0.036755	0.757622	-1.31992	0.464264	0.918315	-1.08895	0.88674	1.01644	1.01644
cg00869941	LPP;LPP	0.0226052	0.0183491	0.394694	-2.53361	0.00952428	0.344117	-2.90598	0.250641	0.677105	-1.47688	0.783435	1.09362	1.09362	0.00811145	0.332508	-3.00744
cg20893542	LPP;LPP	0.0237382	0.0378801	0.578041	-1.72998	0.363406	0.808431	-1.23696	0.567469	0.87671	-1.14063	0.341699	1.24988	1.24988	0.0022216	0.376928	-2.65302
cg14330078	LPP;LPP	0.0369345	0.386054	0.851653	-1.17419	0.0252889	1.61709	1.61709	0.175492	1.29737	1.29737	0.0284621	0.626722	-1.5956	0.0603928	0.68202	-1.46623
cg00902153	LPP;LPP;LPP	3.01E-05	2.16E-05	0.0828811	-12.0655	0.000362989	0.188932	-5.2929	4.09E-05	0.102179	-9.78673	9.98E-05	0.133645	-7.48251	0.00291643	0.303477	-3.29514
cg17023114	LPP;LPP;LPP	0.000533145	1.03E-05	0.311097	-3.21443	0.160655	1.20365	1.20365	0.748297	1.04062	1.04062	0.377356	1.11856	1.11856	0.713582	0.955426	-1.04665
cg15338041	LPP;LPP;LPP	0.000542199	0.693325	0.966182	-1.035	0.470134	1.06586	1.06586	0.00378037	0.71236	-1.40379	0.00108775	0.658058	-1.51962	0.0882432	1.17736	1.17736
cg18603679	LPP;LPP;LPP	0.000788648	0.888061	1.02788	1.02788	3.08E-05	0.204125	-4.89896	0.0463193	0.64041	-1.5615	0.00172203	0.417586	-2.39472	0.223463	0.779015	-1.28367
cg25853622	LPP;LPP;LPP	0.000958362	0.00830416	0.511951	-1.95331	0.00833806	1.95227	1.95227	0.0830955	1.46335	1.46335	0.000121115	0.263861	-3.78987	0.17941	0.753542	-1.32707
cg17585528	LPP;LPP;LPP	0.00144231	0.286624	0.723283	-1.38258	0.173886	0.654719	-1.52737	0.31452	0.737484	-1.35596	0.083681	0.570945	-1.75148	0.0187281	0.434272	-2.3027
cg13282252	LPP;LPP;LPP	0.00183446	0.461217	0.866355	-1.15426	0.133539	1.36273	1.36273	0.0186361	1.72536	1.72536	0.901196	0.976527	-1.02404	4.65E-05	0.229975	-4.3483
cg03427317	LPP;LPP;LPP	0.00289048	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21779805	LPP;LPP;LPP	0.00290214	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04423294	LPP;LPP;LPP	0.00315246	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15213399	LPP;LPP;LPP	0.00382767	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22595456	LPP;LPP;LPP	0.00397608	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10393098	LPP;LPP;LPP	0.0109011	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02579706	LPP;LPP;LPP	0.0119504	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20784862	0.0415942	0.791292	-1.26376	0.0160621	1.34123	1.34123	0.784841	1.02764	1.02764	0.0873443	1.20691	1.20691	5.02943	0.790806	0.139765	1
cg12670963	0.969607	0.99582	-1.0042	0.0757984	1.24267	1.24267	0.324382	1.11839	1.11839	0.722167	0.961511	-1.04003	4.9401	0.945615	0.170148	1
cg02661034	0.278672	0.687573	-1.45439	0.728924	0.890745	-1.12266	0.964622	0.985358	-1.01486	0.057698	0.489827	-2.04154	4.80427	8.41488	1.55693	1
cg22938488	0.360769	0.885341	-1.12951	0.00880352	1.54092	1.54092	0.0977284	0.790173	-1.26555	0.0325167	0.722971	-1.38318	4.75308	1.26483	0.236539	1
cg16272981	0.347501	0.812014	-1.23151	0.0248742	0.562819	-1.77677	0.421432	0.837947	-1.19339	0.047633	0.614075	-1.62847	4.75026	3.48661	0.652429	1
cg06977900	0.491121	1.11081	1.11081	0.000638635	2.1988	2.1988	0.276556	0.843603	-1.18539	0.832957	1.03225	1.03225	4.55241	1.62816	0.317909	1
cg12920963	0.902464	0.972234	-1.02856	0.691095	0.912346	-1.09607	0.00372197	2.45946	2.45946	0.358526	0.80505	-1.24216	4.48328	3.74561	0.742634	1
cg07902156	0.332425	1.16091	1.16091	0.0140872	1.57177	1.57177	0.53741	1.09767	1.09767	0.279586	0.845576	-1.18263	4.45217	1.5701	0.313475	1
cg02531924	0.554915	0.864458	-1.15679	0.023449	0.516728	-1.93525	0.00508505	0.405288	-2.46738	0.707429	0.912147	-1.09631	4.406	4.15081	0.837406	1
cg06661456	0.176082	0.716034	-1.39658	0.0742941	1.58696	1.58696	0.887752	1.03334	1.03334	0.395438	0.817011	-1.22397	4.33567	3.7029	0.759159	1
cg07516556	0.0232807	0.380152	-2.63053	0.00370355	0.246889	-4.0504	0.274914	0.666862	-1.49956	0.226274	0.635602	-1.57331	4.14184	8.34542	1.79103	1
cg24618694	0.0285073	1.38824	1.38824	0.0340519	1.36884	1.36884	0.494434	0.915706	-1.09205	0.464281	1.09914	1.09914	4.13021	1.05366	0.226764	1
cg10546727	0.250959	1.36885	1.36885	0.0199337	2.08627	2.08627	0.498347	1.19712	1.19712	0.365167	1.27577	1.27577	4.04525	4.3895	0.964533	1
cg02599626	0.0386903	0.546402	-1.83016	0.0599212	1.70884	1.70884	0.757473	1.08133	1.08133	0.681478	0.901065	-1.1098	3.9823	4.01889	0.897058	1
cg01945913	0.315618	0.825046	-1.21205	0.0133783	1.76444	1.76444	0.113299	1.37632	1.37632	0.258105	0.803546	-1.24448	3.93015	2.13838	0.483643	1
cg05661533	0.00937039	1.64778	1.64778	0.00572295	1.73181	1.73181	0.299635	1.17697	1.17697	0.963266	0.993043	-1.00701	3.87008	1.40838	0.323481	1
cg19503640	0.966201	1.03925	1.03925	0.0199287	0.077861	-12.8434	0.630733	0.643992	-1.55281	0.0201943	0.0784551	-12.7461	3.84316	50.2496	11.6223	1
cg13001844	0.73185	1.0366	1.0366	0.0677159	0.807465	-1.23844	0.271249	1.12714	1.12714	0.00578907	0.685392	-1.45902	3.80058	0.65727	0.153724	1
cg17685115	0.19462	0.56472	-1.77079	0.814262	0.906638	-1.10298	0.836969	1.0896	1.0896	0.222966	0.586654	-1.70458	3.43029	9.42313	2.44181	1
cg04432174	0.174477	1.25141	1.25141	0.0133159	1.60984	1.60984	0.11358	1.30646	1.30646	0.989387	1.00207	1.00207	3.421	1.30614	0.339377	1
cg01751134	0.0006294	115.368	115.368	2.75E-05	1748.69	1748.69	0.000119189	437.341	437.341	0.000246558	237.596	237.596	24.4191	315.727	11.4929	1
cg00427604	0.0159143	1.62625	1.62625	9.79E-05	3.12672	3.12672	0.00994492	1.70957	1.70957	0.1099	1.33245	1.33245	13.9001	5.972	0.3819	1
cg00249264	0.00116817	2.16047	2.16047	0.000224778	2.69678	2.69678	0.00632552	1.77654	1.77654	0.328446	1.17708	1.17708	12.3762	5.12078	0.367788	1
cg01998785	0.092578	1.29461	1.29461	0.00010619	2.59735	2.59735	0.022066	1.46665	1.46665	0.0766613	1.31614	1.31614	8.20136	2.52784	0.273975	1
cg07627639	0.25617	1.42336	1.42336	0.000999726	4.28601	4.28601	0.021643	2.27344	2.27344	0.91858	1.03092	1.03092	5.99338	8.42017	1.24881	1
cg03055942	0.903748	0.961321	-1.04024	0.725992	1.12157	1.12157	0.165967	0.617731	-1.61883	0.191576	0.637111	-1.56959	3.68056	6.19764	1.49679	1
cg16176379	6.96E-05	12.4212	12.4212	7.10E-07	105.554	105.554	7.77E-06	30.0004	30.0004	3.29E-05	16.393	16.393	51.9306	98.922	1.69324	1
cg08416650	4.91E-05	25.611	25.611	2.03E-06	145.669	145.669	7.44E-06	66.3195	66.3195	2.43E-05	35.666	35.666	46.7451	133.834	2.54495	1
cg09793988	0.00017367	20.5022	20.5022	5.70E-06	127.035	127.035	2.97E-05	48.2069	48.2069	8.54E-05	28.3521	28.3521	33.6399	119.653	3.16166	1
cg27458265	8.60E-05	16.3503	16.3503	7.24E-06	50.5603	50.5603	3.81E-05	22.9136	22.9136	9.52E-05	15.7026	15.7026	33.2211	82.6271	2.21083	1
cg26651188	0.00433841	0.697649	-1.43339	8.17E-05	1.95567	1.95567	0.000319165	1.73385	1.73385	0.0233234	0.774141	-1.29175	43.8127	6.18995	0.125584	1
cg12063138	4.54E-05	0.352868	-2.83392	0.018041	1.47409	1.47409	0.00377033	1.69566	1.69566	0.508867	0.913452	-1.09475	15.1462	4.37711	0.256881	1
cg17842066	0.214918	1.65548	1.65548	0.669821	0.847365	-1.18013	3.71E-05	21.3716	21.3716	0.438151	1.35713	1.35713	12.8816	30.4193	2.09907	1
cg21701774	0.253095	1.72389	1.72389	0.830697	0.906933	-1.10262	0.00432579	0.175504	-5.69787	0.796856	0.88897	-1.1249	10.7466	35.4278	2.93037	1
cg13481809	0.414461	0.817906	-1.22263	0.115722	0.662328	-1.50983	0.588741	1.14057	1.14057	0.736695	0.921905	-1.08471	6.2242	5.7234	0.817369	1
cg20385918	0.108305	0.880111	-1.13622	0.836531	0.985052	-1.01518	0.187228	1.10727	1.10727	0.00940083	1.27127	1.27127	10.2814	0.865305	0.0748105	1
cg01209271	0.627803	0.916962	-1.09056	0.366265	0.848145	-1.17904	0.243838	1.24156	1.24156	0.0158451	1.68939	1.68939	6.11579	3.04962	0.443242	1
cg12450255	0.0722954	1.33728	1.33728	0.307956	0.858204	-1.16522	0.928269	0.987038	-1.01313	0.543396	1.09322	1.09322	3.78358	1.25818	0.295589	1
cg08183490	0.0165906	0.839605	-1.19104	0.000980142	0.746106	-1.34029	0.000146804	0.676901	-1.47732	0.248321	0.930431	-1.07477	10.8881	0.61564	0.0502599	1
cg21790344	0.111267	0.461377	-2.16742	0.000146597	0.0543244	-18.4079	0.0011745	0.11964	-8.35843	0.0173974	0.274942	-3.63712	10.519	33.1241	2.7991	1
cg09168728	0.261627	0.665139	-1.50345	0.0695675	0.493114	-2.02793	0.000111864	10.6508	10.6508	0.849454	1.06843	1.06843	8.38079	16.105	1.70814	1
cg08892386	0.0957183	0.420673	-2.37714	0.00342156	0.152292	-6.56631	0.0024381	0.135872	-7.35989	0.0361808	0.315781	-3.16675	6.23116	22.0967	3.15215	1
cg07097417	0.736978	1.06327	1.06327	0.032388	0.633876	-1.5776	0.0601717	0.679881	-1.47085	0.112277	1.36982	1.36982	5.66264	2.97055	0.4663	1
cg17145862	0.449966	1.24167	1.24167	0.79926	0.930853	-1.07428	0.0028794	3.16645	3.16645	0.106974	1.64018	1.64018	3.39269	4.24837	1.11308	1
cg13064658	2.73E-07	27.0181	27.0181	0.839665	0.957022	-1.04491	0.157192	1.38825	1.38825	0.858201	0.961962	-1.03954	31.0843	23.1496	0.661986	1
cg21048262	0.0010797	1.56263	1.56263	0.000106242	1.88271	1.88271	0.121257	0.856096	-1.16809	0.429711	1.0774	1.0774	11.998	1.62518	0.120404	1
cg27499361	0.00894525	0.340275	-2.9388	3.22E-05	0.0726283	-13.7687	0.123277	0.582025	-1.71814	0.265219	0.686314	-1.45706	9.81293	16.3342	1.47961	1
cg22075245	0.999668	0.999932	-1.00007	0.017054	1.61341	1.61341	0.000131527	0.335766	-2.97826	0.798621	1.04295	1.04295	8.26837	3.54246	0.380831	1
cg14565903	0.629619	0.831387	-1.20281	0.164167	0.568873	-1.75786	0.619173	0.826626	-1.20974	0.892344	1.0528	1.0528	5.63628	12.8905	2.03294	1
cg19681357	0.0140813	0.379962	-2.63184	0.448779	1.2795	1.2795	0.172542	1.58971	1.58971	0.904653	1.039	1.039	4.09242	6.60779	1.43524	1
cg13980528	2.48E-08	0.034884	-28.6664	0.00187818	0.488416	-2.04743	0.295527	0.838345	-1.19283	0.0214521	1.56695	1.56695	57.951	24.2496	0.371956	1
cg22534621	0.327737	1.87	1.87	0.000382935	0.0298112	-33.5444	0.479281	1.56145	1.56145	0.0119857	0.143405	-6.97325	8.32142	50.5939	5.40441	1
cg14529474	0.00912658	0.407815	-2.45209	0.0854275	0.597544	-1.67352	0.0123488	0.430142	-2.32481	0.105213	1.61511	1.61511	7.16021	8.317	1.0325	1
cg17870792	0.00984002	0.468945	-2.13245	0.160551	0.706158	-1.41611	0.65777	0.901696	-1.10902	0.000607139	3.40933	3.40933	6.56508	5.60121	0.758384	1
cg19744908	0.876267	1.01987	1.01987	0.486619	1.09334	1.09334	0.806582	0.969506	-1.03145	0.0696426	1.29196	1.29196	6.38962	1.61291	0.224379	1
cg19627200	0.34812	1.68218	1.68218	0.0270635	0.244366	-4.09222	0.384153	1.61677	1.61677	0.337217	0.58702	-1.70352	5.74944	26.3953	4.08083	1
cg13559233	0.196489	0.652305	-1.53303	0.178607	1.56371	1.56371	0.167936	0.631446	-1.58367	0.0628616	1.92462	1.92462	5.21972	8.09078	1.37781	1
cg17083209	0.111274	0.240031	-4.16613	0.00509902	0.047614	-21.0022	0.665051	0.698847	-1.43093	0.0188043	0.0961922	-10.3959	4.72398	50.6263	9.52611	1
cg04789392	0.1743	2.85414	2.85414	0.0180089	0.124236	-8.04923	0.467199	1.7107	1.7107	0.0440329	0.1865	-5.36192	3.5151	29.3212	7.41468	1
cg14974938	0.00586168	0.694586	-1.43971	3.76E-06	0.335725	-2.97863	4.31E-05	0.456125	-2.19238	0.156899	1.16531	1.16531	39.6463	6.41106	0.143739	1
cg22479532	0.666731	1.05105	1.05105	6.65E-06	0.316369	-3.16087	0.649247	0.948735	-1.05403	0.000214341	0.491466	-2.03473	33.898	7.09159	0.185959	1
cg19339146	0.33411	0.865424	-1.1555	6.83E-06	0.235137	-4.25283	0.000755001	2.09832	2.09832	0.00179204	0.524843	-1.90533	21.3748	7.12621	0.29635	1
cg10223155	0.00457259	1.33249	1.33249	2.67E-05	1.87918	1.87918	0.433263	1.06268	1.06268	0.366818	0.931946	-1.07302	20.6331	1.88862	0.0813631	1
cg26281476	0.0606748	0.75849	-1.31841	0.00973634	0.652228	-1.53321	0.534208	1.08576	1.08576	0.00912795	0.648633	-1.5417	12.9958	3.51634	0.240511	1
cg24221639	0.0205406	0.644727	-1.55104	0.000881982	2.2573	2.2573	0.117439	1.30081	1.30081	0.231255	1.21306	1.21306	9.9995	3.61435	0.28113	1
cg20299458	0.270215	1.22498	1.22498	0.000404515	2.70167	2.70167	0.396266	1.16596	1.16596	0.315422	0.832372	-1.20139	8.44644	4.17927	0.439819	1
cg22671986	0.0521965	0.406526	-2.45987	0.00772202	0.247864	-4.03448	0.0119468	0.278473	-3.59101	0.131203	0.514678	-1.94296	7.23239	19.0292	2.33876	1
cg12646794	0.59965	1.16738	1.16738	0.000406918	5.16282	5.16282	0.00244081	3.42911	3.42911	0.0287464	2.12482	2.12482	6.57785	8.89411	1.20189	1
cg18242400	0.129934	0.373946	-2.67419	0.00239037	0.0784679	-12.7441	0.857285	0.897412	-1.11432	0.0270906	0.20735	-4.82277	5.37971	30.8065	5.09016	1
cg07174347	0.0745259	0.825883	-1.21082	0.0223301	1.30163	1.30163	0.155767	0.863956	-1.15747	0.41654	0.923162	-1.08323	5.2128	0.765422	0.13052	1
cg18416585	0.221026	0.762977	-1.31066	0.0138837	0.52771	-1.89498	0.703443	0.922723	-1.08375	0.00705149	0.480781	-2.07995	5.01968	3.51539	0.622508	1
cg24087039	0.38747	1.15348	1.15348	0.0071445	1.75063	1.75063	0.483483	0.891553	-1.12164	0.798115	0.959525	-1.04218	4.38404	1.80412	0.365796	1
cg14382835	0.0578676	0.308492	-3.24157	0.0210759	0.218368	-4.57942	0.84529	1.1131	1.1131	0.0710979	0.330952	-3.02158	4.16811	19.8573	4.23475	1
cg23814346	0.063009	0.853763	-1.17129	6.06E-06	2.15225	2.15225	0.793777	1.02	1.02	0.71818	1.02778	1.02778	34.8625	3.15545	0.0804545	1
cg17211562	0.0424127	0.507846	-1.9691	0.00232895	0.291566	-3.42976	0.000405619	0.196041	-5.10097	0.357404	0.760037	-1.31573	14.1293	18.807	1.18317	1
cg18992265	0.0013672	0.338165	-2.95713	0.000272871	0.24859	-4.02268	0.739791	0.925162	-1.08089	0.037849	0.570087	-1.75412	7.99546	6.89674	0.766739	1
cg27631877	0.494816	1.15713	1.15713	0.248746	1.28894	1.28894	0.138072	1.39958	1.39958	0.0950413	1.47137	1.47137	5.02874	3.53003	0.623975	1
cg03096354	0.129127	0.665923	-1.50168	0.0620924	0.594048	-1.68337	0.745369	0.922385	-1.08415	0.0817867	0.619901	-1.61316	3.61659	3.52114	0.865431	1
cg21579399	0.809014	0.875739	-1.14189	0.00813247	0.15622	-6.40124	0.273353	1.8676	1.8676	0.0866195	0.354468	-2.82113	3.41629	16.2463	4.22714	1
cg10904070	0.000370298	0.393734	-2.53978	2.82E-07	0.0841136	-11.8887	6.41E-05	0.300581	-3.32689	8.76E-05	0.316571	-3.15885	52.3938	22.2008	0.376649	1
cg16857548	0.000274271	0.363634	-2.75002	6.08E-07	0.0976515	-10.2405	0.000111017	0.315376	-3.17081	0.00372947	0.514359	-1.94417	40.3211	18.398	0.405588	1
cg12052497	0.0118685	0.54427	-1.83732	5.67E-05	0.235014	-4.25506	0.000819721	0.376571	-2.65554	0.00586239	0.49732	-2.01078	19.19	11.4007	0.528086	1
cg18110535	0.35196	0.784039	-1.27545	0.000623804	0.262734	-3.80613	0.748412	1.08517	1.08517	0.286502	1.32462	1.32462	4.56052	4.65972	0.908224	1
cg20586971	0.00734794	0.425592	-2.34967	0.00103803	0.300928	-3.32306	0.573991	1.15078	1.15078	0.0448196	0.565872	-1.76718	8.23143	7.96904	0.860554	1
cg21656685	0.0063449	0.275109	-3.63493	0.00439571	0.251264	-3.97987	0.33778	0.698434	-1.43177	0.0496638	0.44339	-2.25535	7.87015	16.4429	1.85714	1
cg05076082	0.169536	0.593117	-1.68601	0.0401569	0.428939	-2.33133	0.367757	1.39133	1.39133	0.050262	0.450822	-2.21817	4.21356	8.50345	1.79388	1
cg15052335	0.803266	1.06962	1.06962	0.00262187	0.325214	-3.0749	0.0144151	0.44348	-2.25489	0.535641	0.844401	-1.18427	6.63864	7.64354	1.02344	1
cg26688911	0.037384	2.55792	2.55792	0.000441158	8.6502	8.6502	0.0041458	4.45602	4.45602	0.282956	1.54302	1.54302	5.85823	14.0244	2.12798	1
cg17103269	0.0599755	0.509831	-1.96143	0.00578954	0.317385	-3.15075	0.0331161	0.45346	-2.20527	0.0688944	0.523988	-1.90844	5.5127	8.79919	1.41881	1
cg26289871	0.905682	0.932667	-1.07219	0.02935	4.70652	4.70652	?	?	?	0.00387704	11.0404	11.0404	6.08636	29.0053	4.16993	1
cg19927885	0.514883	1.55458	1.55458	0.0125465	7.95963	7.95963	0.0574675	0.238003	-4.20162	0.102207	3.3033	3.3033	4.98179	35.217	6.28368	1
cg07209941	0.342291	0.599883	-1.66699	0.00399896	0.132607	-7.54108	0.0563473	0.323497	-3.09122	0.660331	0.793765	-1.25982	4.62035	19.9607	3.84015	1
cg22846611	0.0427531	5.69074	5.69074	0.00736547	13.1297	13.1297	0.33476	2.0994	2.0994	0.0286089	6.85751	6.85751	3.91944	34.5041	7.82519	1
cg18015746	0.36584	1.15029	1.15029	0.00278485	0.537234	-1.86139	0.000114388	2.77373	2.77373	0.0839466	1.33401	1.33401	13.3267	4.79339	0.319718	1
cg07263235	0.0705108	0.466402	-2.14408	0.00281798	0.211715	-4.72332	0.193913	1.67973	1.67973	0.0992746	0.505701	-1.97745	6.44236	14.5271	2.00439	1
cg08918749	0.766036	0.945625	-1.0575	0.00243199	0.453542	-2.20487	0.0355832	1.58147	1.58147	0.21115	1.27996	1.27996	5.0699	2.8186	0.494175	1
cg13337658	0.10577	0.591533	-1.69052	0.00103679	0.236076	-4.23593	0.425935	1.27326	1.27326	0.102277	0.587811	-1.70123	4.91944	6.87974	1.24309	1
cg06890152	0.681413	0.907429	-1.10202	0.101499	0.655781	-1.5249	0.267927	0.762184	-1.31202	0.0206005	0.518794	-1.92755	3.87949	3.40259	0.779619	1
cg16125291	0.084664	0.512622	-1.95075	0.0335531	0.418938	-2.38699	0.289915	0.680531	-1.46944	0.16647	0.596338	-1.6769	3.82748	7.44269	1.72848	1
cg04265951	0.655167	0.909384	-1.09965	0.00191323	2.53125	2.53125	0.693141	1.08742	1.08742	0.73802	0.931522	-1.07351	3.741	2.64573	0.628644	1
cg22108175	0.199659	0.610787	-1.63723	0.00544411	0.264351	-3.78285	0.182422	0.597581	-1.67341	0.122346	0.543782	-1.83897	4.07204	8.53773	1.86371	1
cg16441044	6.21E-05	0.164024	-6.09666	5.07E-07	0.032193	-31.0626	0.0037683	0.383884	-2.60495	1.47E-05	0.110259	-9.06955	41.9552	39.8474	0.844231	1
cg20272962	0.0110938	2.06846	2.06846	0.0917752	1.52757	1.52757	2.15E-05	7.03215	7.03215	6.47E-06	9.91181	9.91181	30.4347	25.1069	0.733284	1
cg12032049	0.00528389	2.00311	2.00311	0.209912	0.779074	-1.28358	1.43E-05	0.18147	-5.51054	0.426148	1.16594	1.16594	21.9351	12.4006	0.502518	1
cg24489015	0.000478987	0.168906	-5.92046	3.25E-05	0.072713	-13.7527	0.021775	0.409187	-2.44387	0.0103244	0.350436	-2.85359	19.4307	32.4055	1.48244	1
cg06451745	0.00555647	0.372611	-2.68376	0.000131079	0.165451	-6.04409	0.00574209	0.374864	-2.66764	0.152886	0.660427	-1.51417	12.6764	14.7447	1.03392	1
cg07941938	0.0412606	0.474894	-2.10573	0.00030042	0.155718	-6.42187	0.0546705	0.501882	-1.9925	0.0838096	0.545974	-1.83159	9.43565	14.9499	1.40836	1
cg00646477	0.214438	0.580171	-1.72363	0.00174722	0.14153	-7.06562	0.603323	1.24227	1.24227	0.0467296	2.61519	2.61519	4.75089	12.5805	2.05958	1
cg07845581	0.0368437	3.78145	3.78145	0.0961652	2.72429	2.72429	0.00971304	6.01603	6.01603	0.0506885	3.39192	3.39192	3.82253	18.2173	4.23624	1
cg06494199	0.000402364	0.426429	-2.34505	3.53E-05	0.298377	-3.35146	0.0203013	0.654583	-1.52769	0.00823177	0.599349	-1.66848	17.0059	6.1782	0.32293	1
cg16915803	0.771158	0.924808	-1.08131	0.00225477	3.14484	3.14484	0.00399934	2.82016	2.82016	0.0177861	2.16486	2.16486	8.27213	9.41148	1.01132	1
cg15087520	0.00352337	0.788837	-1.26769	0.000435806	0.716552	-1.39557	0.119306	0.903628	-1.10665	0.345907	1.05992	1.05992	7.97729	0.454058	0.0505945	1
cg01720795	0.110409	1.23639	1.23639	0.0107896	1.47792	1.47792	0.168449	1.19603	1.19603	0.624821	1.06196	1.06196	7.3484	1.73148	0.209446	1
cg26172051	0.0365352	0.419626	-2.38308	0.00762773	0.29349	-3.40727	0.86997	1.06029	1.06029	0.00550573	0.27143	-3.6842	5.38795	10.8979	1.79791	1
cg14306812	0.504713	1.1336	1.1336	0.00346184	0.479392	-2.08597	0.559336	1.11557	1.11557	0.0745275	1.4449	1.4449	5.27603	2.86746	0.483101	1
cg11020537	0.107403	1.89726	1.89726	0.928213	0.967693	-1.03339	0.683374	1.1612	1.1612	0.0239507	2.66913	2.66913	4.67189	9.82795	1.8699	1
cg23060272	0.342767	0.789189	-1.26712	0.00582003	0.416957	-2.39833	0.0520007	0.585392	-1.70826	0.0193641	0.504119	-1.98366	4.40893	4.09677	0.825955	1
cg21427213	0.238961	0.502376	-1.99054	0.00228167	0.0924207	-10.8201	0.301572	1.81747	1.81747	0.250949	0.511924	-1.95341	4.19867	20.7194	4.38645	1
cg16224163	0.0634287	0.405839	-2.46403	0.00403683	0.188529	-5.30423	0.094044	0.45139	-2.21538	0.037232	0.351762	-2.84283	3.88505	11.4858	2.62792	1
cg18127680	0.213747	0.539891	-1.85223	0.00341225	0.153591	-6.5108	0.0496951	0.348501	-2.86943	0.0749305	0.393042	-2.54426	3.83667	13.47	3.12077	1
cg12459603	0.480875	0.881766	-1.13409	0.0702561	0.700918	-1.4267	0.337888	0.840721	-1.18945	0.57661	0.905691	-1.10413	3.61889	1.76755	0.434153	1
cg12753804	0.697391	1.07951	1.07951	0.0231785	1.70142	1.70142	0.155736	0.742759	-1.34633	0.246761	1.26762	1.26762	4.44203	2.69699	0.539691	1
cg05044994	0.054314	0.34329	-2.91299	0.0342074	0.298245	-3.35295	0.360517	0.631118	-1.58449	0.0254024	0.272296	-3.67247	3.76934	14.3115	3.37494	1
cg02716749	0.79174	0.896566	-1.11537	4.17E-05	0.0274917	-36.3747	0.722077	0.862958	-1.15881	0.761458	1.13386	1.13386	11.2422	26.3547	2.05123	1
cg12297546	0.55744	0.934376	-1.07023	0.0108175	1.44224	1.44224	0.219248	1.15929	1.15929	0.0589761	0.783515	-1.2763	5.95783	1.23497	0.184254	1
cg00869941	0.20923	1.53717	1.53717	0.1159	0.574018	-1.74211	0.971097	1.01184	1.01184	0.0192832	0.398748	-2.50785	4.51168	7.53979	1.48548	1
cg20893542	0.776086	0.937141	-1.06708	0.738622	1.07922	1.07922	0.485438	1.17513	1.17513	0.00687023	0.450746	-2.21854	4.43621	3.64175	0.729702	1
cg14330078	0.753765	1.05851	1.05851	0.226371	1.25803	1.25803	0.991619	0.998104	-1.0019	0.0314666	0.633859	-1.57764	3.79231	1.96135	0.459726	1
cg00902153	0.00019077	0.159932	-6.25264	1.45E-05	0.0721165	-13.8665	0.983634	0.994038	-1.006	7.91E-05	0.124938	-8.00397	30.4425	40.9825	1.19665	1
cg17023114	0.115456	0.809235	-1.23573	0.00938358	1.50291	1.50291	0.73284	0.958506	-1.04329	0.221298	1.17236	1.17236	14.0381	3.40136	0.215373	1
cg15338041	0.0139334	1.30168	1.30168	0.00385179	1.4022	1.4022	0.000266689	0.594826	-1.68116	0.0710922	1.19126	1.19126	13.9725	1.66735	0.106071	1
cg18603679	0.0518784	1.54019	1.54019	0.0760809	1.47018	1.47018	0.308036	0.813833	-1.22875	0.39299	1.18631	1.18631	12.5826	7.59638	0.536642	1
cg25853622	0.497636	0.872295	-1.1464	0.325128	1.22338	1.22338	0.16961	1.33684	1.33684	0.00253681	0.435459	-2.29642	11.9092	7.42638	0.554297	1
cg17585528	0.0690491	1.81414	1.81414	3.59E-05	0.0970847	-10.3003	0.486909	1.22974	1.22974	0.00623799	0.352165	-2.83958	10.5985	14.3877	1.20669	1
cg13282252	0.441076	0.8605	-1.16211	0.205391	1.29111	1.29111	0.469841	1.15098	1.15098	0.109472	0.716241	-1.39618	9.88722	5.72723	0.514894	1
cg03427317	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21779805	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04423294	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15213399	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22595456	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10393098	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02579706	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg02521428	LPP;LPP;LPP	0.0134601	0.462092	0.873147	-1.14528	0.0143888	0.578883	-1.72746	0.0900482	0.712808
cg27322975	LPP;LPP;LPP	0.0158346	0.0615344	0.783878	-1.27571	0.160397	0.840817	-1.18932	0.00809103	0.675639
cg24123854	LPP;LPP;LPP	0.0159205	0.0639133	1.51785	1.51785	0.00982395	0.519964	-1.92321	0.409857	0.844604
cg02711245	LPP;LPP;LPP	0.0162262	0.125239	0.709417	-1.40961	0.00564263	0.471658	-2.12018	0.0235427	0.57147
cg22480993	LPP;LPP;LPP	0.018052	0.296207	0.870657	-1.14856	0.451959	0.906656	-1.10295	0.0712416	0.77286
cg04441577	LPP;LPP;LPP	0.0223552	0.256875	0.760351	-1.31518	0.698285	0.913762	-1.09438	0.011042	0.478068
cg04773529	LPP;LPP;LPP	0.0316471	0.0136871	0.189896	-5.26604	0.0596882	0.31415	-3.18319	0.125898	0.405617
cg19528963	LPP;LPP;LPP	0.0323711	0.0256273	0.60164	-1.66212	0.313617	0.81896	-1.22106	0.0663824	0.673972
cg06739107	LPP;LPP;LPP	0.0332445	0.292926	0.798447	-1.25243	0.222703	0.767708	-1.30258	0.181441	0.746274
cg19975917	LPP;LPP;LPP	0.0352565	0.630736	0.942886	-1.06057	0.0477486	1.31636	1.31636	0.624277	1.06177
cg07196133	LPP;LPP;LPP	0.0362348	0.0271583	0.664118	-1.50576	0.173988	0.79742	-1.25404	0.124935	0.771072
cg05842762	LPP;LPP;LPP	0.0391583	0.455174	0.780111	-1.28187	0.00452106	0.290791	-3.4389	0.567321	1.20773
cg17317338	LPP;LPP;LPP	0.0400231	0.580031	1.10912	1.10912	0.387734	1.17826	1.17826	0.22586	0.790051
cg20866090	LPP;LPP;LPP	0.0438641	0.247744	0.757727	-1.31974	0.032083	0.561885	-1.77972	0.124995	0.683001
cg16464007	LPP;LPP;LPP	0.0441605	0.0118701	0.419108	-2.38602	0.752312	1.09162	1.09162	0.182168	0.675659
cg13627491	LPPR1	0.00406617	0.580179	1.10526	1.10526	0.0105856	0.562178	-1.7788	0.248197	0.805535
cg14072807	LPPR1	0.00994237	0.420442	1.12594	1.12594	0.0284966	1.4514	1.4514	0.1134	1.28181
cg14253327	LPPR1	0.0265262	0.47663	0.756533	-1.32182	0.00134542	0.165993	-6.02435	0.00393904	0.224156
cg16898420	LPPR1;LPPR1	0.0123617	0.756581	1.03066	1.03066	0.283655	1.11427	1.11427	0.0332921	1.27337
cg00376735	LPPR2;LPPR2	0.000440965	0.00182835	3.092	3.092	0.157883	1.46945	1.46945	0.0139048	2.16973
cg02481256	LPPR2;LPPR2	0.00190891	0.0195332	0.716663	-1.39536	0.0223724	0.723944	-1.38132	0.0143537	0.700263
cg20703524	LPPR2;LPPR2	0.00278986	0.823173	0.934844	-1.0697	0.122587	0.604317	-1.65476	0.103137	0.58468
cg07099627	LPPR2;LPPR2	0.00843107	0.145803	2.21309	2.21309	0.959745	1.02533	1.02533	0.18371	0.489545
cg08233142	LPPR2;LPPR2	0.0136305	0.00116913	0.0862232	-11.5978	0.0560391	3.04375	3.04375	0.105377	2.48417
cg08607221	LPPR2;LPPR2	0.0176707	0.11555	0.824878	-1.2123	0.0839518	1.24011	1.24011	0.573774	1.06605
cg18039296	LPPR2;LPPR2	0.0180841	0.269751	0.727726	-1.37414	0.103772	0.611416	-1.63555	0.482199	0.820748
cg22161299	LPPR2;LPPR2	0.0265149	0.00562059	0.560217	-1.78502	0.357675	0.860037	-1.16274	0.29163	1.19055
cg08326019	LPPR2;LPPR2	0.0265839	0.0349588	4.37268	4.37268	0.0110657	6.77287	6.77287	0.0222584	5.18074
cg00455796	LPPR2;LPPR2	0.0325395	0.208753	0.63392	-1.57748	0.00113984	0.192827	-5.186	0.0603296	0.482522
cg19699893	LPPR2;LPPR2	0.0391869	0.0466324	1.99058	1.99058	0.0160027	2.43765	2.43765	0.30235	1.38106
cg12587615	LPPR2;LPPR2	0.0488599	0.0904872	2.52612	2.52612	0.0279353	3.63415	3.63415	0.463474	1.4488
cg21690064	LPPR3	5.67E-08	0.0250498	0.815648	-1.22602	1.63E-06	0.397939	-2.51295	4.93E-07	0.340785
cg15233131	LPPR3	0.0111553	0.0803071	0.425495	-2.35021	0.0165539	0.27546	-3.63029	0.0193427	0.287715
cg06026129	LPPR3	0.0160044	0.588736	0.955378	-1.04671	0.014813	1.28496	1.28496	0.30682	1.0925
cg08543452	LPPR3	0.0219189	0.0285759	0.389204	-2.56934	0.186009	0.599164	-1.66899	0.016008	0.340556
cg27072996	LPPR3	0.030636	0.45787	1.41038	1.41038	0.202943	1.84294	1.84294	0.0680362	2.53337
cg23083774	LPPR3	0.0324126	0.0159493	3.56379	3.56379	0.0620604	2.47117	2.47117	0.51248	1.33118
cg03537163	LPPR3	0.0375632	0.526561	1.09538	1.09538	0.0472132	1.38043	1.38043	0.174914	0.814768
cg20684549	LPPR3	0.0454883	0.444595	1.39564	1.39564	0.00401728	5.22432	5.22432	0.250707	1.67094
cg26775538	LPPR3	0.0468072	0.0402424	0.338727	-2.95223	0.0217722	3.51809	3.51809	0.232107	1.77262
cg14969332	LPPR4;LPPR4	6.60E-05	0.0765974	0.777733	-1.28579	0.042228	0.741833	-1.34801	7.95E-06	0.287093
cg18947801	LPPR4;LPPR4	0.00531555	0.305807	1.208	1.208	0.326346	0.834771	-1.19793	0.0206466	0.60851
cg05596294	LPPR4;LPPR4	0.00656211	0.413446	1.16606	1.16606	0.00556726	1.95251	1.95251	0.000877562	2.50087
cg15728779	LPPR4;LPPR4	0.0138783	0.429646	1.31399	1.31399	0.950633	1.02119	1.02119	0.0912901	1.87741
cg06060191	LPPR4;LPPR4	0.0413778	0.0345263	0.48398	-2.0662	0.0239214	0.452377	-2.21055	0.078696	1.7769
cg13385995	LPPR4;LPPR4	0.0428063	0.238488	1.30244	1.30244	0.340045	1.23423	1.23423	0.159668	1.37932
cg26034531	LPPR5;LPPR5	0.0159512	0.305753	0.798463	-1.25241	0.0108105	0.506895	-1.9728	0.7136	0.924745
cg20318156	LPPR5;LPPR5	0.0303223	0.0380672	0.247387	-4.04225	0.0135842	0.16965	-5.89449	0.263084	0.507736
cg18623672	LPPR5;LPPR5	0.0335528	0.508749	0.959647	-1.04205	0.181114	1.09116	1.09116	0.0124464	1.21058
cg24532011	LPPR5;LPPR5	0.0396436	0.151619	0.856161	-1.168	0.0326015	0.776616	-1.28764	0.0486181	1.2557
cg22514075	LPPR5;LPPR5	0.0445228	0.327175	0.860447	-1.16219	0.0107751	0.621248	-1.60966	0.23479	0.831062
cg24373253	LPPR5;LPPR5	0.0455311	0.8481	0.944819	-1.0584	0.244342	0.697314	-1.43407	0.238759	0.694041
cg12891342	LPXN;LPXN	0.0208289	0.0277506	2.63364	2.63364	0.670291	1.17283	1.17283	0.752861	0.88907
cg08643824	LPXN;LPXN	0.0400861	0.662879	1.24149	1.24149	0.334799	1.63314	1.63314	0.0522815	0.336719
cg26253974	LQK1;FLVCR1;LQK1	1.51E-05	0.0956874	0.683093	-1.46393	0.239298	0.773658	-1.29256	0.315224	0.805523
cg20613400	LQK1;FLVCR1;LQK1	0.00235923	0.0952346	1.34875	1.34875	0.458868	0.884181	-1.13099	0.0908363	0.73784
cg21205468	LQK1;FLVCR1;LQK1	0.0294932	0.113092	0.7486	-1.33583	0.00267595	0.498046	-2.00785	0.738773	0.945354
cg18789758	LQK1;FLVCR1;LQK1	0.0304894	0.0169993	0.159823	-6.25691	0.158426	0.386775	-2.58548	0.0903924	0.308626
cg09844185	LQK1;FLVCR1;LQK1	0.0395016	0.782108	0.940722	-1.06301	0.113705	1.46129	1.46129	0.173335	1.37619
cg23676439	LRAT	1.80E-07	0.75968	1.06095	1.06095	0.628779	0.910339	-1.09849	2.94E-07	18.218
cg22888418	LRAT	2.30E-07	0.748293	0.950347	-1.05225	0.255177	1.20673	1.20673	7.47E-06	4.75721
cg26084529	LRAT	4.02E-07	0.249815	0.84821	-1.17895	0.175348	0.820965	-1.21808	0.666795	0.942431
cg25806701	LRAT	1.16E-06	0.887703	0.960735	-1.04087	0.430991	1.25592	1.25592	1.88E-06	28.6295
cg10203610	LRAT	7.10E-06	0.717071	0.901659	-1.10907	0.00921698	2.56069	2.56069	1.37E-05	13.2507
cg16566627	LRAT	9.65E-06	0.00277871	5.29047	5.29047	0.341174	0.672892	-1.48612	7.72E-06	52.6948
cg23303074	LRAT	7.91E-05	0.246707	0.724534	-1.3802	0.0432652	0.538777	-1.85606	0.977054	0.992378
cg13259925	LRAT	8.58E-05	0.0613611	0.516674	-1.93546	0.00610082	0.32581	-3.06927	0.026447	2.28056
cg23587449	LRAT	0.000350454	0.491265	1.35094	1.35094	0.0622891	2.46677	2.46677	0.00112847	7.86184
cg00714184	LRAT	0.000673103	0.624424	0.6736	-1.48456	0.581534	0.64035	-1.56165	0.000819273	56.7252
cg26993729	LRAT	0.0104803	0.157007	1.22975	1.22975	0.198762	1.20388	1.20388	0.00492244	1.66365
cg01389445	LRAT	0.0169028	0.00328201	0.585502	-1.70794	0.118099	0.797149	-1.25447	0.848705	0.974806
cg07207220	LRAT	0.022688	0.338374	0.875098	-1.14273	0.23522	1.18316	1.18316	0.0305189	1.41011
cg21969395	LRAT	0.0245396	0.126334	0.799765	-1.25037	0.0481139	0.736987	-1.35688	0.414613	1.11926
cg25995955	LRBA	0.000101387	0.00121836	0.236187	-4.23393	0.0268346	2.22446	2.22446	0.00303368	0.289851
cg04551395	LRBA	0.000671444	0.0162396	0.804509	-1.24299	0.000261601	1.55914	1.55914	0.00221779	1.37331
cg20841377	LRBA	0.00135818	0.0185939	0.654524	-1.52783	0.509472	1.1045	1.1045	0.0538522	1.38423
cg07447193	LRBA	0.00565946	0.721075	0.964578	-1.03672	0.465542	1.07757	1.07757	0.00197217	0.644113
cg11745706	LRBA	0.0117781	0.0886823	0.640571	-1.56111	0.814917	0.945903	-1.05719	0.346081	1.25877
cg05871425	LRBA	0.0137569	0.0534553	1.52429	1.52429	0.0399622	0.632832	-1.5802	0.985309	1.00347
cg19935951	LRBA	0.0146972	0.0425294	0.519031	-1.92667	0.109632	0.612786	-1.63189	0.0274842	0.480869
cg11363513	LRBA	0.0165239	0.249487	0.746657	-1.3393	0.00816639	0.439682	-2.27437	0.130393	0.672653
cg24035352	LRBA	0.0214912	0.0264629	0.633951	-1.57741	0.516649	1.12064	1.12064	0.0995277	1.36714
cg20668096	LRBA	0.024106	0.0134284	0.0988484	-10.1165	0.708094	1.32888	1.32888	0.0826906	0.233909
cg13901819	LRBA	0.0241405	0.0443718	0.744408	-1.34335	0.0577849	1.31548	1.31548	0.0679614	1.29862
cg24009707	LRBA	0.0242407	0.64878	0.889432	-1.12431	0.0636878	0.587015	-1.70353	0.0138137	0.459518
cg09895166	LRBA	0.0273072	0.666116	0.828894	-1.20643	0.485255	1.35875	1.35875	0.0804705	0.432511
cg07904475	LRBA	0.0354656	0.760819	0.827732	-1.20812	0.00599965	9.24173	9.24173	0.472971	0.636348
cg12035325	LRBA	0.037095	0.066763	0.33405	-2.99357	0.00213046	0.100008	-9.9992	0.0829543	0.359102
cg14987002	LRBA	0.0495997	0.0640067	0.572897	-1.74552	0.0638082	0.5726	-1.74642	0.422907	0.803282
cg02580005	LRBA;MAB21L2	0.0104631	0.0170883	5.40307	5.40307	0.0397344	3.97417	3.97417	0.31516	1.82707
cg06215107	LRBA;MAB21L2	0.0148989	0.020865	10.725	10.725	0.00240521	36.8795	36.8795	0.128534	4.0622
cg22265605	LRBA;MAB21L2;MAB21L2	0.000891921	0.186888	1.52386	1.52386	0.616864	1.16402	1.16402	0.846191	0.943202
cg02075410	LRBA;MAB21L2;MAB21L2	0.003627	0.00766504	12.2325	12.2325	0.276274	2.28749	2.28749	0.89322	0.906533
cg26218269	LRBA;MAB21L2;MAB21L2	0.0072714	0.0108447	4.95581	4.95581	0.964742	0.978129	-1.02236	0.0409832	3.25418
cg15480897	LRBA;MAB21L2;MAB21L2	0.0124064	0.93247	1.03769	1.03769	0.900087	0.946638	-1.05637	0.655926	0.822192
cg25718696	LRBA;MAB21L2;MAB21L2	0.0168928	0.0272303	4.10513	4.10513	0.0660474	3.04754	3.04754	0.121694	2.47604
cg16385330	LRBA;MAB21L2;MAB21L2	0.0185253	0.22558	2.09136	2.09136	0.124878	2.61983	2.61983	0.519251	1.4605
cg08219218	LRBA;MAB21L2;MAB21L2	0.0280452	0.103712	5.11424	5.11424	0.454748	2.0105	2.0105	0.384394	2.26603
cg25034941	LRCH1	0.0321927	0.0101036	0.184094	-5.432	0.284597	1.78533	1.78533	0.410948	0.645054
cg05963211	LRCH1;LRCH1;LRCH1	0.00752922	0.00948607	0.3157	-3.16756	0.215354	1.58009	1.58009	0.217093	1.57707
cg26075356	LRCH1;LRCH1;LRCH1	0.0125068	0.138342	0.596059	-1.67769	0.665937	0.868613	-1.15126	0.496701	1.25081
cg23869158	LRCH1;LRCH1;LRCH1	0.0152042	0.0260011	0.235213	-4.25147	0.0341683	3.87221	3.87221	0.554401	0.720692
cg20294319	LRCH1;LRCH1;LRCH1	0.0173041	0.0164627	0.225801	-4.42869	0.0862778	0.382027	-2.61762	0.0386558	0.296417
cg04443357	LRCH1;LRCH1;LRCH1	0.0176883	0.27729	0.914475	-1.09352	0.000474114	1.54393	1.54393	0.186298	1.11725
cg23249336	LRCH1;LRCH1;LRCH1;LRCH1;LRCH1;LRCH1	0.0192638	0.960017	1.00428	1.00428	0.000899032	1.52761	1.52761	0.257126	1.10609
cg05784171	LRCH2	4.50E-05	0.000538065	0.253262	-3.94848	0.000251976	0.214483	-4.66237	0.000160296	0.193028
cg06438727	LRCH2	0.0127115	0.0768549	0.56275	-1.77699	0.492193	1.22609	1.22609	0.967205	0.988059
cg19355555	LRCH2	0.0153143	0.0194146	0.401215	-2.49243	0.0166674	0.388857	-2.57164	0.504923	1.24438
cg15604347	LRCH2	0.0235274	0.44726	0.708369	-1.41169	0.0111756	0.242829	-4.11812	0.028843	0.317514
cg19341307	LRCH2	0.0322906	0.640404	1.18206	1.18206	0.51283	0.789813	-1.26612	0.0323316	0.410266
cg03393017	LRCH3	0.00782438	0.0114599	0.438061	-2.28279	0.00692511	2.48885	2.48885	0.0251072	2.00395
cg07027912	LRCH3	0.00821445	0.0107233	2.07767	2.07767	0.226609	1.33577	1.33577	0.233843	1.32926
ch.3.3938922F	LRCH3	0.00945144	0.0700634	0.530347	-1.88556	0.000286872	0.15662	-6.3849	0.00980778	0.359735
cg26985201	LRCH3	0.0106295	0.454912	0.92018	-1.08674	0.0257353	1.33574	1.33574	0.559457	1.06663
cg01070161	LRCH3	0.0227398	0.00547074	0.116136	-8.61059	0.316782	0.543408	-1.84024	0.118695	0.368576
cg16570846	LRCH3	0.0312384	0.593418	0.833509	-1.19975	0.00640933	0.301644	-3.31517	0.00379283	0.267218
cg02549555	LRCH3	0.0333334	0.864821	0.962775	-1.03866	0.0946661	1.50527	1.50527	0.0287569	1.77579
cg24904145	LRCH4	0.00518189	0.366735	0.812293	-1.23108	0.680516	0.911351	-1.09727	0.519099	1.15782
cg03777205	LRCH4	0.0268817	0.372134	0.888779	-1.12514	0.126183	1.23727	1.23727	0.68777	1.05336
cg21540367	LRCH4	0.0338981	0.560138	0.889858	-1.12377	0.00780719	0.508444	-1.96678	0.135005	0.726774
cg15017043	LRCH4	0.0484238	0.00466532	1.74693	1.74693	0.437189	1.12471	1.12471	0.118782	1.28541
cg15560632	LRCH4;FBXO24	0.00549011	0.703481	0.932242	-1.07268	0.121364	1.36089	1.36089	0.0096509	1.82383
cg11633514	LRCH4;FBXO24	0.0169385	0.268206	0.82273	-1.21547	0.0150789	1.65758	1.65758	0.197534	1.25919
cg12020476	LRCH4;FBXO24	0.0247361	0.50491	0.879266	-1.13731	0.214289	0.779864	-1.28227	0.381492	0.84308
cg10258582	LRDD;LRDD;LRDD	4.43E-05	0.0100291	1.49125	1.49125	0.194008	1.18406	1.18406	0.00782468	1.52149
cg11465766	LRDD;LRDD;LRDD	0.00474875	0.0193668	0.790763	-1.2646	0.079092	0.85056	-1.1757	0.532231	1.05393
cg12029794	LRFN1	2.60E-05	0.000109099	0.604355	-1.65466	4.88E-05	1.75799	1.75799	0.992293	0.999287
cg23320522	LRFN1	0.000405898	0.225125	0.757928	-1.31939	0.33632	1.2407	1.2407	0.0401967	1.67486
cg21538924	LRFN1	0.00093716	0.979056	1.00514	1.00514	0.000254147	0.308243	-3.2442	0.308124	0.81386
cg04305494	LRFN1	0.00245558	0.083485	0.781878	-1.27897	0.00588064	1.58874	1.58874	0.000216541	0.452649
cg20131670	LRFN1	0.00281805	0.530829	0.91395	-1.09415	0.548151	1.08994	1.08994	0.00798709	0.617634
cg11199014	LRFN1	0.00440399	0.0380282	2.29078	2.29078	0.858283	1.06354	1.06354	0.524083	1.2492
cg01174276	LRFN1	0.00603244	0.405972	0.819783	-1.21984	0.223281	1.34863	1.34863	0.146192	0.69447
cg26910511	LRFN1	0.00629843	0.0184837	5.82712	5.82712	0.171884	2.45249	2.45249	0.190038	2.35409
cg00002033	LRFN1	0.00943742	0.0215837	5.96269	5.96269	0.733841	1.24714	1.24714	0.116925	3.0107
cg23854456	LRFN1	0.0152122	0.931361	1.01779	1.01779	0.0465092	1.59472	1.59472	0.110751	1.42718
cg25156118	LRFN1	0.0203726	0.0345041	3.56106	3.56106	0.0996807	2.53313	2.53313	0.248239	1.86222
cg26355811	LRFN1	0.0257225	0.0312208	2.8212	2.8212	0.0732146	2.26981	2.26981	0.153147	1.87318
cg00471142	LRFN1	0.0298268	0.0752195	0.695597	-1.43761	0.408551	0.858276	-1.16513	0.192825	0.778405
cg02671333	LRFN1	0.0392158	0.0480438	0.620963	-1.6104	0.0657655	1.5455	1.5455	0.386709	0.829372
cg24427527	LRFN2	0.000487394	0.290957	1.30571	1.30571	1.48132	1.45866	1.45866	5.71E-06	0.0831022

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20875887	LRFN2	0.000532799	0.044392	0.665741	-1.50208	0.0142107	0.586841	-1.70404	8.74E-05	0.28951	-3.45411	0.953809	0.989845	-1.01026	0.00155861	0.448771	-2.22831	0.833826	0.963658	-1.03771	5.11E-05	0.262722	-3.80631	0.00904168	0.557281	-1.79443	0.136446	0.753734	-1.32673	14.0406	6.90456	0.437116	1
cg20379760	LRFN2	0.000806078	0.0048681	0.299923	-3.33419	0.000603008	0.181488	-5.51	0.00102083	0.207813	-4.81201	0.47682	0.791867	-1.26284	0.000346612	0.156192	-6.40238	0.00330139	0.274954	-3.63697	0.000616042	0.182514	-5.47903	0.00245946	0.25697	-3.89151	0.00857848	0.339055	-2.94938	12.5054	20.6121	1.46511	1
cg18417237	LRFN2	0.00122066	0.0695641	0.887335	-1.12697	3.46E-05	0.623986	-1.6026	0.47918	0.95852	-1.04327	0.0227298	0.851654	-1.17419	0.345006	0.944332	-1.05895	0.87536	1.00929	1.00929	0.000864836	0.744933	-1.3424	0.314811	1.06312	1.06312	0.0645591	0.884909	-1.13006	11.1175	0.610638	0.0488231	1
cg09256477	LRFN2	0.00238947	0.00129873	0.26102	-3.83113	0.243777	0.704936	-1.41857	0.384579	1.29123	1.29123	0.802674	1.07442	1.07442	0.000172925	0.160652	-6.22464	0.018543	0.441049	-2.26732	0.705691	0.896933	-1.11491	0.0269127	0.471727	-2.11987	0.00571058	0.353772	-2.82668	9.15292	11.9156	1.15718	1
cg04189381	LRFN2	0.00335416	0.869961	1.02184	1.02184	0.00198057	0.562059	-1.77917	0.274544	1.16173	1.16173	0.54162	0.92176	-1.08488	0.881372	1.01989	1.01989	0.663828	0.943968	-1.05936	0.00118452	1.872	1.872	0.0016764	0.553001	-1.80832	0.832969	0.972538	-1.02824	8.27847	2.27955	0.244764	1
cg10553343	LRFN2	0.00364844	0.37492	0.859365	-1.16365	0.00134344	0.460524	-2.17144	0.0119011	0.593088	-1.68609	0.74398	1.05605	1.05605	0.323376	0.843875	-1.18501	0.297796	1.19677	1.19677	0.00605002	1.81609	1.81609	0.00262275	0.499929	-2.00028	0.129032	0.761102	-1.31388	8.07272	3.54115	0.389917	1
cg15496866	LRFN2	0.00417369	0.150187	0.715452	-1.39772	0.0639167	1.57157	1.57157	0.272862	1.28113	1.28113	0.697745	1.08842	1.08842	0.554139	1.13872	1.13872	0.613768	1.11681	1.11681	0.0113611	1.98968	1.98968	0.000214145	0.261338	-3.82646	0.173991	1.36885	1.36885	7.75241	5.78623	0.663447	1
cg07889420	LRFN2	0.00605187	0.786734	0.95462	-1.04754	0.336543	1.18494	1.18494	0.271184	1.21674	1.21674	0.295738	1.20404	1.20404	0.00618494	0.542555	-1.84313	0.0758547	1.40264	1.40264	0.00164719	0.462253	-2.16332	0.0039837	0.51534	-1.94047	0.488135	0.886371	-1.1282	6.92074	3.21464	0.412883	1
cg03189082	LRFN2	0.00696812	0.541878	0.829874	-1.205	0.183597	1.53124	1.53124	9.23E-05	0.121477	-8.232	0.813943	1.0738	1.0738	0.773737	1.09096	1.09096	0.597691	1.17449	1.17449	0.811539	1.07481	1.07481	0.442149	0.789244	-1.26703	0.499799	0.813124	-1.22982	6.62454	9.56946	1.28404	1
cg21531126	LRFN2	0.0122391	0.132501	0.487186	-2.0526	0.046508	0.364208	-2.74569	0.0147491	0.264629	-3.77887	0.0284458	0.318036	-3.1443	0.00887016	0.228667	-4.37318	0.0933026	0.441413	-2.26545	0.000682113	0.100353	-9.9648	0.0463032	0.363766	-2.74902	0.0510608	0.373685	-2.67605	5.5379	17.2121	2.76271	1
cg24851166	LRFN2	0.0186146	0.484534	0.852246	-1.17337	0.271415	1.29394	1.29394	0.144678	0.702858	-1.42276	0.688686	1.09488	1.09488	0.00116532	0.341955	-2.92437	0.938158	0.982688	-1.01762	0.157058	1.4058	1.4058	0.0152394	0.511338	-1.95565	0.144635	0.702827	-1.42283	4.8203	3.86721	0.713133	1
cg14084896	LRFN2	0.0191582	0.672981	1.17025	1.17025	0.23624	1.58353	1.58353	0.167561	1.72428	1.72428	0.454682	1.32583	1.32583	0.119707	1.86873	1.86873	0.00225074	0.205215	-4.87295	0.113471	0.528417	-1.89245	0.0322641	0.395095	-2.53104	0.225393	1.60246	1.60246	4.77366	10.3701	1.93099	1
cg03437164	LRFN2	0.0266515	0.0881437	0.549149	-1.821	0.00649515	0.324062	-3.08583	0.0462345	0.48316	-2.06971	0.0293458	0.441529	-2.26486	0.00809528	0.339556	-2.94502	0.0073283	0.33249	-3.00761	0.185988	0.639771	-1.56306	0.120139	0.584486	-1.7109	0.104725	0.568475	-1.75909	4.26103	6.84688	1.42832	1
cg14906251	LRFN2	0.0283204	0.108301	0.640026	-1.56244	0.0197817	2.04798	2.04798	0.0431682	1.8086	1.8086	0.288728	0.755384	-1.32383	0.883128	0.963224	-1.03818	0.973202	1.00859	1.00859	0.00736138	0.414863	-2.41044	0.550235	0.857303	-1.16645	0.201205	1.41033	1.41033	4.17102	4.28608	0.913409	1
cg14407494	LRFN2	0.0303233	0.267545	0.899807	-1.11135	0.953111	0.994639	-1.00539	0.00932227	1.35184	1.35184	0.481709	1.06755	1.06755	0.859285	0.98391	-1.01635	0.53591	1.05897	1.05897	0.00510996	0.713062	-1.4024	0.334609	1.09522	1.09522	0.0907495	1.1857	1.1857	4.0713	0.538752	0.117626	1
cg23026345	LRFN2	0.043136	0.969644	1.00762	1.00762	0.466714	1.15927	1.15927	0.0583289	0.652529	-1.5325	0.176561	0.750757	-1.33199	0.539639	0.883457	-1.13192	0.0115588	0.532511	-1.87789	0.154559	1.35536	1.35536	0.0249439	1.70309	1.70309	0.518164	1.13965	1.13965	3.58164	2.25869	0.56056	1
cg17598690	LRFN2;LRFN2	0.0266454	0.52424	1.0641	1.0641	0.0180311	0.758362	-1.31863	0.841706	1.01944	1.01944	0.860231	1.01711	1.01711	0.120223	1.17618	1.17618	0.00364341	1.46033	1.46033	0.615997	0.952483	-1.04989	0.0251119	1.29238	1.29238	0.962707	1.00451	1.00451	4.26136	0.625555	0.130486	1
cg27315243	LRFN2;LRFN2	0.0403471	0.0129636	0.487654	-2.05063	0.0634503	1.62583	1.62583	0.349287	1.25154	1.25154	0.834373	1.04997	1.04997	0.417135	0.824395	-1.21301	0.912782	0.974808	-1.02584	0.164574	0.708001	-1.41243	0.0138577	2.03026	2.03026	0.301385	1.28319	1.28319	3.67143	3.15334	0.763454	1
cg25050841	LRFN3	0.00035095	0.0200086	1.19644	1.19644	0.12826	0.900279	-1.11077	0.0464472	1.15688	1.15688	0.0429901	1.16044	1.16044	0.000206786	1.48735	1.48735	0.0133798	1.21621	1.21621	0.00462675	0.786052	-1.27218	0.650442	1.02958	1.02958	0.00021777	0.67436	-1.48289	15.7575	1.01881	0.0574715	1
cg03502812	LRFN3	0.00148922	0.651761	0.915194	-1.09266	0.000475587	2.91584	2.91584	0.0954377	1.42947	1.42947	0.000888807	2.64088	2.64088	0.478742	0.868954	-1.15081	0.206592	0.771179	-1.29672	0.603775	0.902916	-1.10752	0.00118384	2.5285	2.5285	0.00506093	2.0605	2.0605	10.5014	6.32792	0.535628	1
cg15393816	LRFN3	0.00290922	0.0181703	0.29282	-3.41507	0.00180945	6.68349	6.68349	0.582867	0.788583	-1.2681	0.303413	1.5785	1.5785	0.00938119	0.244006	-4.09825	0.626943	0.810791	-1.23336	0.00075416	0.112158	-8.91599	0.321653	1.5503	1.5503	0.511268	0.751785	-1.33017	8.63653	25.0831	2.5816	1
cg03753297	LRFN3	0.00519391	0.121923	1.25915	1.25915	0.000227098	2.32176	2.32176	0.0157654	1.50173	1.50173	0.558249	1.08478	1.08478	0.0968773	0.778434	-1.28463	0.140054	0.803958	-1.24385	0.733485	0.954112	-1.04809	0.165217	1.22563	1.22563	0.0584593	1.34159	1.34159	7.25375	2.17025	0.265947	1
cg18517898	LRFN3	0.00543152	0.0252501	2.74796	2.74796	0.00785331	3.65458	3.65458	0.047787	2.36281	2.36281	0.00637044	3.85358	3.85358	0.0136887	0.314003	-3.18469	0.122423	1.88889	1.88889	0.00898702	3.53312	3.53312	0.0144413	3.14342	3.14342	0.0273724	2.69569	2.69569	7.15502	16.3575	2.03214	1
cg22725303	LRFN3	0.011508	0.15699	0.593256	-1.68561	0.388785	0.737363	-1.35618	0.129826	1.75852	1.75852	0.00256114	0.236245	-4.23289	0.806529	0.918842	-1.08833	0.889476	1.04913	1.04913	0.00098228	0.18446	-5.42122	0.796208	1.09338	1.09338	0.610105	1.19411	1.19411	5.64959	10.647	1.67516	1
cg01023751	LRFN3	0.0134494	0.635888	0.948499	-1.0543	0.0873144	0.81117	-1.23279	0.104178	1.21768	1.21768	0.334936	0.895618	-1.11655	0.74256	1.03722	1.03722	0.283702	0.883842	-1.13142	0.000539408	0.550662	-1.816	0.324008	0.893219	-1.11955	0.070027	1.25178	1.25178	5.37012	1.04535	0.173032	1
cg05886453	LRFN3	0.017263	0.00757245	0.424755	-2.3543	0.0460293	1.76809	1.76809	0.633037	1.12738	1.12738	0.163986	1.448	1.448	0.80561	1.06339	1.06339	0.114939	0.652297	-1.53304	0.0165417	2.07457	2.07457	0.0199671	2.01375	2.01375	0.444299	1.21456	1.21456	4.94401	4.86465	0.874621	1
cg21035402	LRFN3	0.0314708	0.33425	1.99155	1.99155	0.00141883	24.3959	24.3959	0.00373306	15.0156	15.0156	0.430332	1.74516	1.74516	0.229207	2.39372	2.39372	0.24116	2.33678	2.33678	0.377421	1.87109	1.87109	0.59091	1.45553	1.45553	0.311011	2.06493	2.06493	4.01776	30.4502	6.7368	1
cg04175604	LRFN3	0.0339423	0.0859798	0.398478	-2.50955	0.945575	1.03366	1.03366	0.27318	0.575209	-1.7385	0.0528989	0.344073	-2.90636	0.0255383	0.276154	-3.62117	0.0118497	0.217924	-4.58876	0.00505645	0.165688	-6.03546	0.542799	0.741755	-1.34815	0.0279307	0.283765	-3.52404	3.91023	14.5637	3.31068	1
cg09778958	LRFN3	0.0343287	0.386171	1.29014	1.29014	0.00475359	2.93042	2.93042	0.00350579	3.11316	3.11316	0.316271	1.34597	1.34597	0.345184	1.32155	1.32155	0.262164	1.39834	1.39834	0.977224	1.00822	1.00822	0.362193	1.30811	1.30811	0.0171404	2.30045	2.30045	3.8943	5.07206	1.15772	1
cg15060813	LRFN3;LRFN3	0.0436461	0.0696291	0.481302	-2.0777	0.817988	1.08662	1.08662	0.122445	1.82797	1.82797	0.999676	1.00015	1.00015	0.0133569	0.331408	-3.01743	0.244051	0.644542	-1.55149	0.00621432	0.276495	-3.6167	0.602556	0.827515	-1.20844	0.232587	0.636921	-1.57005	3.56599	7.33463	1.82829	1
cg10256234	LRFN4;PC;PC;PC	0.0159196	0.499494	0.962364	-1.03911	0.0207474	0.855717	-1.16861	0.0202709	0.855015	-1.16957	0.321723	1.05896	1.05896	0.231974	0.932248	-1.07268	0.0735428	1.11812	1.11812	0.0116638	1.19292	1.19292	0.0273383	0.864058	-1.15733	0.518612	0.96404	-1.0373	5.07949	0.251964	0.0440925	1
cg24129820	LRFN5	0.00253639	0.632961	0.904166	-1.10599	0.0244878	0.570565	-1.75265	7.06E-05	0.219111	-4.56391	0.0508829	0.627686	-1.59315	0.953599	1.01226	1.01226	0.179497	1.34788	1.34788	0.140291	1.39403	1.39403	0.0745464	0.6597	-1.51584	0.0372502	0.602733	-1.65911	8.9937	6.24494	0.617217	1
cg10327400	LRFN5	0.00260778	0.256064	0.889085	-1.12475	0.625286	1.05002	1.05002	0.00390038	1.47007	1.47007	0.874465	0.984444	-1.0158	0.000150294	1.90681	1.90681	0.0408761	1.26369	1.26369	0.762939	0.970449	-1.03045	0.127223	0.849121	-1.17769	?	?	?	9.12114	1.26263	0.138429	1
cg04171065	LRFN5	0.00680815	0.0238596	0.649839	-1.53884	0.912922	0.982664	-1.01764	0.00106117	2.16791	2.16791	0.0453884	1.44328	1.44328	0.0891454	1.34945	1.34945	0.65759	1.07392	1.07392	0.00623475	1.76817	1.76817	0.132369	0.771349	-1.29643	0.830994	1.03476	1.03476	6.67264	2.7009	0.359797	1
cg02150867	LRFN5	0.0292631	0.503203	0.886716	-1.12776	0.21403	0.793326	-1.26052	0.0426714	1.51127	1.51127	0.0335665	1.55172	1.55172	?	?	?	0.884602	1.02603	1.02603	0.383703	0.853789	-1.17125	0.669186	0.926758	-1.07903	0.00497445	0.517893	-1.9309	4.19273	1.84853	0.440888	1
cg05041658	LRFN5	0.0397592	0.510607	1.13575	1.13575	0.850087	1.03675	1.03675	0.00107185	2.51377	2.51377	0.819224	0.957272	-1.04463	0.0210088	1.69824	1.69824	0.795812	1.05071	1.05071	0.766613	0.944804	-1.05842	0.943957	1.0135	1.0135	0.288913	1.23367	1.23367	3.69133	2.1273	0.512263	1
cg02454806	LRFN5	0.0491814	0.118266	1.8815	1.8815	0.0187671	0.346018	-2.89002	0.0146175	3.06661	3.06661	0.0454313	2.35173	2.35173	0.513778	1.2799	1.2799	0.993697	1.00295	1.00295	0.625218	0.832377	-1.20138	0.558934	0.80231	-1.2464	0.377657	1.40125	1.40125	3.40944	7.50002	1.95536	1
cg04784672	LRFN5;LRFN5	2.67E-05	0.523636	1.10273	1.10273	0.0287657	1.47729	1.47729	2.24E-07	10.5711	10.5711	0.506724	1.1073	1.1073	0.504423	1.10793	1.10793	0.554344	0.913483	-1.09471	0.136104	0.784275	-1.27506	0.52669	0.907508	-1.10192	0.598773	0.922808	-1.08365	31.3922	11.3814	0.322272	1
cg21547690	LRFN5;LRFN5	0.0359955	0.126593	1.23157	1.23157	0.00952864	1.5127	1.5127	0.0117969	1.48643	1.48643	0.06839	1.29327	1.29327	0.303902	1.14363	1.14363	0.132662	1.22692	1.22692	0.156626	0.826154	-1.21043	0.0308274	1.37661	1.37661	0.187886	1.19231	1.19231	3.82801	0.963183	0.223657	1
cg08837884	LRG1	6.01E-05	0.00641849	0.320104	-3.12399	0.000273573	0.147269	-6.79029	0.0216709	0.41244	-2.42459	0.00882772	0.342634	-2.91856	1.63E-05	0.0577702	-17.31	0.0209416	0.40959	-2.44147	7.71E-06	0.0426704	-23.4355	0.000111743	0.11279	-8.86604	0.000300632	0.151251	-6.61153	25.3578	41.4531	1.45309	1
cg17272620	LRG1	0.00171005	0.0392394	0.38004	-2.6313	0.680139	1.18308	1.18308	0.181578	0.562633	-1.77736	0.739186	1.14512	1.14512	0.00106607	0.140653	-7.10967	0.799929	1.10848	1.10848	9.11E-05	0.0586595	-17.0475	0.110312	2.02539	2.02539	0.0280581	0.349151	-2.86409	10.0906	26.2848	2.31546	1
cg22375763	LRG1	0.0104176	0.023587	0.394957	-2.53192	0.0998724	0.538149	-1.85822	0.27252	1.48062	1.48062	0.379778	1.36289	1.36289	0.173376	1.64509	1.64509	0.0662852	0.492714	-2.02958	0.013936	2.8398	2.8398	0.0842308	0.518705	-1.92788	0.00451405	0.272386	-3.67126	5.83366	10.91	1.66238	1
cg03882382	LRG1	0.0293052	0.0678884	2.81603	2.81603	0.981194	0.988137	-1.012	0.0302776	3.63107	3.63107	0.15221	2.17388	2.17388	0.0413446	3.29149	3.29149	0.0097974	5.22415	5.22415	0.00357402	7.37517	7.37517	0.562565	1.345	1.345	0.685681	0.813834	-1.22875	4.12094	16.7294	3.60853	1
cg04803507	LRGUK	0.00213424	0.870962	0.96787	-1.0332	0.661874	1.09243	1.09243	0.0331719	0.606386	-1.64912	0.373031	0.832173	-1.20167	0.000150875	0.270673	-3.69449	0.746701	0.936969	-1.06727	0.000235053	0.293779	-3.40392	0.754141	0.938836	-1.06515	0.962479	0.990594	-1.0095	9.46086	6.04707	0.568148	1
cg16776231	LRGUK	0.0104698	0.0290597	0.672754	-1.48643	0.00600095	0.57508	-1.73889	0.791405	1.04169	1.04169	0.264658	1.19616	1.19616	0.87099	1.02536	1.02536	0.00210408	0.513558	-1.9472	0.131797	0.77831	-1.28483	0.980283	0.9962	-1.00381	0.0390638	1.44481	1.44481	5.82432	2.18969	0.334184	1
cg10839521	LRGUK	0.0315716	0.734443	0.956941	-1.045	0.105614	1.25674	1.25674	0.0302451	1.39004	1.39004	0.960684	0.993648	-1.00639	0.0908962	0.786036	-1.27221	0.0232973	0.704361	-1.41973	0.510193	0.917274	-1.09019	0.14104	1.22708	1.22708	0.0220743	1.42597	1.42597	4.01317	1.06207	0.235241	1
cg24591692	LRGUK	0.0346642	0.311865	0.734956	-1.36063	0.807357	0.930618	-1.07455	0.0516987	0.521124	-1.91893	0.0451463	0.508376	-1.96705	0.00160585	0.263993	-3.78798	0.0677811	0.547603	-1.82614	0.205596	0.674997	-1.48149	0.0215133	0.443627	-2.25415	0.230544	0.690578	-1.44806	3.88064	5.32477	1.21968	1
cg14455998	LRGUK	0.0464839	0.985951	1.00762	1.00762	0.0327639	2.93492	2.93492	0.556492	0.773853	-1.29224	0.00177957	0.146979	-6.80371	0.962103	0.979727	-1.02069	0.864615	0.929081	-1.07633	0.608434	1.24949	1.24949	0.924437	0.959932	-1.04174	0.813709	1.10711	1.10711	3.48286	10.249	2.61574	1
cg15724417	LRIG1	1.06E-06	0.501992	0.947869	-1.055	0.00174037	1.42024	1.42024	2.55E-05	0.518778	-1.92761	3.63E-05	1.86857	1.86857	0.000100331	0.581594	-1.71941	5.99E-07	0.339929	-2.94179	0.000233616	1.61533	1.61533	0.00189436	1.41326	1.41326	3.23E-06	0.420716	-2.3769	72.2999	7.06955	0.0869163	1
cg25230917	LRIG1	0.000172708	0.00266412	0.502483	-1.99012	0.303705	1.19298	1.19298	0.121927	0.757514	-1.32011	0.0140604	1.65232	1.65232	3.95E-05	0.271906	-3.67774	0.70071	1.06606	1.06606	0.0410159	1.47787	1.47787	0.00436303	1.87911	1.87911	0.000223679	0.361523	-2.76608	19.1156	8.30705	0.386285	1
cg21385480	LRIG1	0.000192165	0.0004491	3.65414	3.65414	0.00098357	3.14905	3.14905	0.0257902	1.85867	1.85867	0.35905	1.24709	1.24709	0.00800329	2.2161	2.2161	0.000201336	4.30822	4.30822	1.79E-05	7.78571	7.78571	0.00026786	4.05673	4.05673	0.531323	1.16006	1.16006	18.5713	16.1249	0.771799	1
cg00503690	LRIG1	0.000214812	0.00106809	0.366913	-2.72544	2.84E-05	5.50945	5.50945	0.0192721	1.79862	1.79862	0.0110774	1.93591	1.93591	0.126481	0.709779	-1.40889	0.189123	1.33439	1.33439	0.00243136	2.39925	2.39925	0.00193318	2.48378	2.48378	0.258551	0.783132	-1.27692	18.0184	12.2714	0.605375	1
cg00830393	LRIG1	0.000633903	8.40E-05	0.243172	-4.11231	0.0205404	0.572496	-1.74674	0.419018	1.17944	1.17944	0.00738548	0.50161	-1.99358	0.000214193	0.290691	-3.44008	0.11659	0.711202	-1.40607	0.00470108	0.47195	-2.11887	0.00430346	0.466251	-2.14477	0.00174056	0.409673	-2.44097	13.3771	8.46377	0.562407	1
cg26053346	LRIG1	0.000664788	0.310636	1.15559	1.15559	0.0633263	1.33358	1.33358	0.385307	1.13054	1.13054	0.000219532	2.33738	2.33738	0.000181387	0.417663	-2.39427	0.474043	1.10558	1.10558	0.00511615	1.66513	1.66513	0.0537293	1.35249	1.35249	0.206736	0.832298	-1.20149	13.2003	3.97277	0.26752	1
cg14790860	LRIG1	0.000740572	0.000936864	0.621861	-1.60808	0.0319665	1.27355	1.27355	0.91212	1.01068	1.01068	0.966017	0.995909	-1.00411	0.0367247	0.791763	-1.263	0.0462805	1.24566	1.24566	7.07E-05	2.00867	2.00867	0.1998	1.1392	1.1392	0.0471835	1.24423	1.24423	12.8069	1.87774	0.130328	1
cg13450944	LRIG1	0.00121085	0.00129495	0.194145	-5.15079	0.000537368	0.15211	-6.57419	0.197538	0.621041	-1.6102	0.077148	1.98826	1.98826	0.0255694	0.395457	-2.52872	0.082381	1.95992	1.95992	0.00770964	3.31081	3.31081	0.307139	1.44733	1.44733	0.015957	0.356324	-2.80643	11.1431	21.5841	1.72176	1
cg24150385	LRIG1	0.00169613	0.00112531	0.32097	-3.11556	0.793494	1.06415	1.06415	0.00463835	0.409591	-2.44146	0.046918	1.71447	1.71447	0.00180572	0.349319	-2.86271	0.0135915	0.484952	-2.06206	0.324554	0.785742	-1.27268	0.533959	1.16102	1.16102	0.00102744	0.315654	-3.16802	10.1144	8.99879	0.790842	1
cg04244215	LRIG1	0.00179998	?	?	?	0.0483309	1.81281	1.81281	0.46543	1.21205	1.21205	0.000332571	0.197768	-5.05643	0.00097679	0.258516	-3.86823	0.342453	0.775933	-1.28877	0.0119071	0.431794	-2.31592	0.393838	1.25399	1.25399	0.178719	1.45109	1.45109	12.138	11.1513	0.80387	1
cg25742035	LRIG1	0.00191043	0.00109482	0.388396	-2.57469	0.0699484	0.671713	-1.48873	0.186209	0.759411	-1.31681	0.220615	1.28774	1.28774	0.000207507	0.295365	-3.38565	0.947878	0.987244	-1.01292	0.0145749	1.80547	1.80547	0.69329	1.08095	1.08095	0.105982	0.706998	-1.41443	9.77135	5.96802	0.542904	1
cg05526341	LRIG1	0.00203156	0.0452898	0.612882	-1.63164	0.0158884	1.87693	1.87693	0.00886797	2.0342	2.0342	0.230072	1.30793	1.30793	0.00062498	0.325779	-3.06957	0.132426	1.41361	1.41361	0.530994	1.14487	1.14487	0.084275	0.665533	-1.50256	0.00642498	0.469667	-2.12917	9.598	6.9087	0.639828	1
cg02798066	LRIG1	0.00303819	0.953041	0.991391	-1.00868	0.719855	1.0543	1.0543	0.0731629	1.34098	1.34098	0.50566	1.10425	1.10425	0.755815	1.04687	1.04687	0.0886343	0.758981	-1.31756	0.012057	1.58353	1.58353	0.00022282	2.46535	2.46535	0.00123916	1.99994	1.99994	8.52605	2.911	0.303488	1
cg12827946	LRIG1	0.0052641	0.000449599	0.0774264	-12.9155	0.594604	0.780093	-1.2819	0.0879407	0.418659	-2.38858	0.0692127	0.390661	-2.55977	0.00173484	0.126764	-7.88867	0.610157	0.788408	-1.26838	0.64546	1.23886	1.23886	0.384407	0.662101	-1.51034	0.00326988	0.156674	-6.3827	7.22401	24.4575	3.0094	1
cg02735530	LRIG1	0.0133341	0.817036	0.943236	-1.06018	0.251901	1.35232	1.35232	0.169792	0.691597	-1.44593	0.0306117	1.89751	1.89751	0.0027045	0.35172	-2.84317	0.083889	0.617342	-1.61985	0.0151587	2.12193	2.12193	0.542688	1.16811	1.16811	0.358248	0.788024	-1.269	5.38528	5.42332	0.895166	1
cg23025752	LRIG1	0.0252103	0.422321	0.910062	-1.09883	0.875038	0.982067	-1.01826	0.341534	0.893428	-1.11928	0.0846195	1.24522	1.24522	0.344784	1.11839	1.11839	0.0169655	1.39764	1.39764	0.00213369	1.64238	1.64238	0.952175	1.00692	1.00692	0.0349719	1.32648	1.32648	4.34455	0.909684	0.18612	1
cg09716921	LRIG1	0.0291688	0.573743	1.24979	1.24979	0.00200605	0.180794	-5.53115	0.598208	1.23197	1.23197	0.683181	1.17465	1.17465	0.0833454	2.12113	2.12113	0.171992	1.76887	1.76887	0.0488791	2.41645	2.41645	0.284868	1.54616	1.54616	0.657546	0.839443	-1.19127	4.12774	10.0601	2.1664	1
cg00244854	LRIG1	0.0317515	0.242109	0.812558	-1.23068	0.461734	0.880707	-1.13545	0.781135	1.04835	1.04835	0.54899	0.902301	-1.10828	0.496627	0.889566	-1.12414	0.0859528	1.3795	1.3795	0.00130537	2.21141	2.21141	0.348144	1.17794	1.17794	0.222594	0.804685	-1.24272	4.00503	1.82332	0.404673	1
cg13496790	LRIG1	0.0394771	0.0674054	2.92104	2.92104	0.0033405	8.07752	8.07752	0.0669708	2.9272	2.9272	0.770725	1.16515	1.16515	0.628513	1.29047	1.29047	0.510288	1.41809	1.41809	0.01121	5.27066	5.27066	0.0317703	3.73044	3.73044	0.183222	2.09308	2.09308	3.70101	16.0363	3.8515	1
cg08652369	LRIG1	0.0437627	0.975113	0.992475	-1.00758	0.125759	0.669526	-1.49359	0.0292572	0.536898	-1.86255	0.314901	0.777518	-1.28614	0.872383	0.961821	-1.03969	0.459338	0.833238	-1.20014	0.119141	1.50613	1.50613	0.00555383	2.41618	2.41618	0.992997	1.00213	1.00213	3.56245	3.30832	0.82548	1
cg17247149	LRIG1	0.0483149	0.122906	2.0141	2.0141	0.0063714	4.42527	4.42527	0.0122464	3.69585	3.69585	0.465948	1.36453	1.36453	0.762933	1.1351	1.1351	0.0984847	2.13623	2.13623	0.0141611	3.55391	3.55391	0.266285	1.62452	1.62452	0.843765	1.08617	1.08617	3.43247	9.53953	2.4704	1
cg14912723	LRIG2	0.000408192	0.0337768	0.608821	-1.64252	0.342183	1.21643	1.21643	0.256788	1.26737	1.26737	0.0214268	0.575057	-1.73896	0.212486	1.30067	1.30067	8.46E-06	0.143542	-6.96658	?	?	?	0.270833	0.794929	-1.25797	0.642624	1.09806	1.09806	15.4867	8.73715	0.56417	1
cg23932873	LRIG2	0.00151074	0.807122	1.0411	1.0411	0.0125557	1.66736	1.66736	0.473757	0.886935	-1.12748	0.0492617	1.44714	1.44714	0.116328	1.32449	1.32449	0.000737306	2.32646	2.32646	0.0321431	0.661461	-1.51181	0.000577823	0.416063	-2.40348	0.181857	1.26285	1.26285	10.4581	4.49188	0.38179	1
cg17310611	LRIG2	0.0120107	0.0777546	0.851478	-1.17443	0.0141585	1.28183	1.28183	0.0397625	0.822845	-1.2153	0.0522139	1.19855	1.19855	0.346045	0.923493	-1.08284	0.28383	1.09562	1.09562	0.402664	0.932165	-1.07277	0.226279	0.901038	-1.10983	0.00415774	1.37035	1.37035	5.57188	0.593642	0.0947043	1
cg23175215	LRIG2	0.0216534	0.205868	1.65877	1.65877	0.470307	1.31914	1.31914	0.308397	1.48979	1.48979	0.193976	1.68441	1.68441	0.000685934	0.123277	-8.11181	0.687033	1.1647	1.1647	0.287779	0.658682	-1.51818	0.597084	0.817972	-1.22254	0.56506	0.803221	-1.24499	5.0895	11.1635	1.70601	1
cg24448849	LRIG2	0.0337864	0.000992353	0.32776	-3.05101	0.517938	1.1612	1.1612	0.165755	1.40078	1.40078	0.484783	0.850548	-1.17571	0.88444	0.967383	-1.03372	0.190327	0.728891	-1.37195	0.166594	0.714425	-1.39973	0.371776	0.81132	-1.23256	0.555097	1.1458	1.1458	3.91673	3.22498	0.731899	1
cg10983720	LRIG2;LRIG2	0.0344682	0.257375	1.12104	1.12104	0.949009	1.0062	1.0062	0.557669	0.944296	-1.05899	0.159472	0.864745	-1.15641	0.93612	1.00778	1.00778	0.0868433	0.832938	-1.20057	0.00719134	0.715069	-1.39847	0.342434	1.09916	1.09916	0.01386	1.3417	1.3417	3.8886	0.575434	0.131538	1
cg11326574	LRIG3;LRIG3	0.000107978	0.000181774	0.46492	-2.15091	0.00379387	1.60377	1.60377	0.00046788	0.514115	-1.94509	0.0100103	0.674818	-1.48188	0.156395	0.832441	-1.20129	0.00092559	0.549705	-1.81916	0.00361382	0.620976	-1.61037	0.0005433	1.91605	1.91605	0.00129882	0.567399	-1.76243	21.6903	5.02655	0.205993	1
cg22459236	LRIG3;LRIG3	0.00114103	0.113024	0.848734	-1.17822	0.604798	1.05089	1.05089	0.0706445	0.825232	-1.21178	0.763312	0.971691	-1.02913	0.000224295	0.557772	-1.79285	0.114417	1.17735	1.17735	0.00027057	1.76448	1.76448	0.882169	1.0142	1.0142	0.101323	0.843167	-1.186	11.3335	1.62293	0.127287	1
cg12366597	LRIG3;LRIG3	0.00515615	0.000461216	0.163333	-6.12248	0.105733	0.559398	-1.78764	0.0493047	0.47827	-2.09087	0.783403	1.09481	1.09481	0.00255718	0.252744	-3.95657	0.129814	0.58395	-1.71248	0.820323	1.07765	1.07765	0.0454647	2.12576	2.12576	0.175949	0.623124	-1.60482	7.26996	12.442	1.52127	1
cg19181132	LRIG3;LRIG3	0.00710759	0.0356954	0.796011	-1.25626	0.181481	0.876001	-1.14155	0.00120691	1.55654	1.55654	0.413996	0.925022	-1.08106	0.213983	0.885046	-1.12988	0.239677	1.12177	1.12177	0.0162564	0.760114	-1.31559	0.254621	0.894925	-1.11741	0.0171805	0.762615	-1.31128	6.58372	0.908268	0.122628	1
cg04799736	LRIG3;LRIG3	0.0113317	0.0307386	0.528536	-1.89202	0.0152981	0.473211	-2.11322	0.000838548	0.282925	-3.5345	0.0205422	0.496	-2.01613	0.0108538	0.447632	-2.23398	0.948304	0.983839	-1.01643	0.738724	1.08775	1.08775	0.0790641	0.612653	-1.63224	0.147845	0.676963	-1.47719	5.67784	5.67787	0.888893	1
cg21048938	LRIG3;LRIG3	0.0239165	0.0304844	0.192147	-5.20435	0.00240611	0.0644045	-15.5269	0.0272221	0.183529	-5.44872	0.193902	0.40998	-2.43915	0.0179133	0.154682	-6.46488	0.059215	0.251147	-3.98173	0.032076	0.196145	-5.09827	0.0253654	0.178336	-5.6074	0.118025	0.332532	-3.00723	4.42473	29.4891	5.92409	1
cg20163166	LRIG3;LRIG3	0.039789	0.628548	1.05539	1.05539	0.0436617	0.77377	-1.29237	0.0980954	0.81819	-1.22221	0.922049	1.01088	1.01088	0.165775	0.849203	-1.17757	0.495299	0.926285	-1.07958	0.387124	1.103	1.103	0.0130168	0.711238	-1.406	0.00508198	0.663937	-1.50617	3.69032	0.714792	0.172172	1
cg16999495	LRIT1	0.000589974	0.00414667	0.631998	-1.58228	0.000122311	0.449079	-2.22678	0.0700187	0.785165	-1.27362	0.408119	0.903912	-1.1063	0.833633	0.9752	-1.02543	0.000281775	2.03145	2.03145	0.0410124	0.754612	-1.32518	0.615843	1.06226	1.06226	0.191797	1.17937	1.17937	13.6479	3.08137	0.20069	1
cg19037893	LRIT1	0.000833528	0.409971	1.1145	1.1145	0.0167056	1.45624	1.45624	0.0400007	1.35713	1.35713	0.000151504	2.30807	2.30807	0.000176266	2.2665	2.2665	0.0439031	0.742349	-1.34707	0.0050414	1.61151	1.61151	0.0408883	1.35476	1.35476	0.0161687	1.46015	1.46015	12.388	3.2474	0.233013	1
cg05375443	LRIT1	0.00713076	0.00783241	2.37471	2.37471	0.00164604	3.13297	3.13297	0.116744	1.54015	1.54015	0.0734806	1.65818	1.65818	0.0133153	2.17523	2.17523	0.252435	0.738637	-1.35385	0.575735	0.866511	-1.15405	0.00337106	2.74707	2.74707	0.0716254	1.66489	1.66489	6.57703	6.68952	0.904092	1
cg01049205	LRIT1	0.0102185	0.02789	3.72083	3.72083	0.00628764	6.0493	6.0493	0.25866	1.8148	1.8148	0.143856	2.21242	2.21242	0.0130236	4.74907	4.74907	0.115071	2.37845	2.37845	0.00187349	9.30221	9.30221	0.00217082	8.80812	8.80812	0.0639207	2.8664	2.8664	5.86987	23.7727	3.59996	1
cg17827767	LRIT1	0.0351366	0.418078	1.1649	1.1649	0.00760479	1.88351	1.88351	0.0153004	1.73192	1.73192	0.797765	0.95374	-1.0485	0.451575	1.15197	1.15197	0.0840398	1.42279	1.42279	0.00546605	1.96208	1.96208	0.645823	1.08911	1.08911	0.704031	0.932019	-1.07294	3.86168	2.08098	0.479004	1
cg00238295	LRIT2	0.00162201	0.922338	1.02426	1.02426	0.00462402	2.52471	2.52471	0.41452	1.22753	1.22753	0.725198	1.09062	1.09062	0.00020833	0.217522	-4.59723	0.018491	2.01817	2.01817	0.00469877	2.51789	2.51789	0.180706	1.41812	1.41812	0.201837	0.718032	-1.3927	10.2459	9.80244	0.850414	1
cg19717640	LRIT2	0.0233497	0.0269054	0.238414	-4.19438	0.696299	0.806876	-1.23935	0.300209	0.555829	-1.79911	0.187486	0.465712	-2.14725	0.0250884	0.232768	-4.29613	0.0841376	0.351558	-2.84448	0.000708234	0.059455	-16.8194	0.209346	0.484879	-2.06237	0.0868882	0.355458	-2.81327	4.46157	21.1467	4.2131	1
cg00639447	LRIT2	0.0375809	0.0174771	0.154629	-6.46708	0.340996	0.530896	-1.88361	0.79356	0.844308	-1.1844	0.371984	0.553501	-1.80668	0.0339287	0.202341	-4.94216	0.184372	0.403089	-2.48084	0.00402705	0.0826511	-12.099	0.0106145	0.12574	-7.95292	0.20231	0.419506	-2.38375	3.76838	24.8528	5.8623	1
cg27352715	LRIT2	0.0399562	0.0405025	0.244253	-4.09412	0.470664	0.645826	-1.5484	0.340209	0.556767	-1.79608	0.243909	0.483664	-2.06755	0.0406128	0.244499	-4.09	0.0616169	0.28528	-3.50533	0.00370452	0.0966751	-10.3439	0.0101468	0.144871	-6.90268	0.126865	0.373913	-2.67442	3.68463	20.7139	4.99707	1
cg02790260	LRIT2	0.0431995	0.583955	1.15333	1.15333	0.0488373	0.559718	-1.78661	0.00646289	0.401148	-2.49285	0.0801035	0.606	-1.65017	0.590846	0.869359	-1.15027	0.883645	1.0385	1.0385	0.159819	0.678786	-1.47322	0.0416096	1.83305	1.83305	0.987035	0.995817	-1.0042	3.57968	3.77258	0.936789	1
cg14819399	LRIT3	0.00746877	0.820455	0.94993	-1.05271	0.000644757	0.306355	-3.26419	0.00621187	0.446581	-2.23923	0.105003	1.49226	1.49226	0.548526	0.871813	-1.14704	0.134505	0.694459	-1.43997	0.0378238	1.72325	1.72325	0.868715	1.03809	1.03809	0.736951	0.926654	-1.07915	6.48247	5.24206	0.718801	1
cg09428681	LRIT3	0.00806837	0.968141	1.00656	1.00656	0.118858	0.757853	-1.31952	0.00319994	0.517293	-1.93314	0.000425953	0.400994	-2.4938	0.0202194	0.632112	-1.582	0.415327	0.872519	-1.14611	0.43061	1.14084	1.14084	0.077886	0.725492	-1.37838	0.240471	0.817676	-1.22298	6.32718	2.68832	0.377676	1
cg17965159	LRMP	0.00248691	0.896676	1.02751	1.02751	0.0005426	0.325248	-3.07458	0.00106203	0.363885	-2.74812	0.22158	0.764613	-1.30785	0.00377816	0.442056	-2.26216	0.395453	1.19937	1.19937	0.0560482	1.57157	1.57157	0.272137	1.2697	1.2697	0.370636	0.825273	-1.21172	9.04601	6.25165	0.614306	1
cg03521113	LRMP	0.0038434	0.0143925	0.25621	-3.90305	0.000263619	0.0667896	-14.9724	0.00245783	0.149336	-6.6963	0.0555938	0.375612	-2.66232	0.0104338	0.233271	-4.28685	0.0682346	0.39785	-2.51351	0.0043069	0.178523	-5.60153	0.123113	0.470473	-2.12552	0.0237432	0.295683	-3.38201	7.94748	25.6486	2.86868	1
cg23842870	LRMP	0.00547691	0.0695329	0.720456	-1.38801	0.000560889	0.421479	-2.3726	0.00185525	0.489935	-2.04109	0.0880511	0.73784	-1.35531	0.417791	0.874825	-1.14309	0.623232	0.923141	-1.08326	0.0253051	1.53648	1.53648	0.511042	0.897929	-1.11367	0.376327	0.863613	-1.15793	7.13677	2.94843	0.367229	1
cg04009342	LRMP	0.0212615	0.706347	0.849872	-1.17665	0.0704947	0.419467	-2.38398	0.0137085	0.269846	-3.70582	0.270243	1.63782	1.63782	0.0811655	0.435641	-2.29547	0.0807735	0.435074	-2.29846	0.00371366	0.185512	-5.39048	0.125765	2.0381	2.0381	0.125797	0.490688	-2.03795	4.6075	13.4782	2.60024	1
cg21336300	LRMP	0.0344258	0.711272	0.821528	-1.21724	0.00741712	0.161428	-6.19469	0.0164832	0.212401	-4.70808	0.198266	0.487271	-2.05225	0.344569	0.597634	-1.67326	0.0454071	0.297173	-3.36505	0.0120996	0.191256	-5.22859	0.31706	1.72787	1.72787	0.12147	0.41158	-2.42966	3.89033	17.2264	3.93601	1
cg19199865	LRMP	0.038511	0.0107435	3.33333	3.33333	0.168718	1.7347	1.7347	0.118918	0.529562	-1.88835	0.658437	0.846111	-1.18188	0.12551	0.536459	-1.86407	0.750173	1.12748	1.12748	0.0670843	2.16167	2.16167	0.0369611	2.48433	2.48433	0.108918	1.92837	1.92837	3.73483	8.34498	1.98611	1
cg10150530	LRMP;LRMP	0.00235154	0.000705094	0.0571364	-17.502	0.00758129	0.148972	-6.71267	0.00109278	0.0692086	-14.4491	0.0181521	0.203851	-4.90555	0.00136961	0.0761676	-13.1289	0.898421	0.931646	-1.07337	0.0211431	0.21505	-4.65009	0.00302796	0.105119	-9.513	0.191264	0.464373	-2.15344	9.19602	44.7618	4.32668	1
cg21497669	LRP1	0.00016096	0.672457	1.03696	1.03696	1.77E-05	2.1153	2.1153	0.0133677	1.29892	1.29892	0.0321283	1.23892	1.23892	0.0292339	1.24517	1.24517	0.0292339	1.24517	1.24517	0.00118295	1.50075	1.50075	1.84E-05	2.10715	2.10715	0.000828843	1.53673	1.53673	19.4828	2.24797	0.102562	1
cg24415154	LRP1	0.000282478	0.804803	0.953991	-1.04823	0.000117388	0.277214	-3.60732	5.23E-05	0.237342	-4.21333	0.888276	1.0271	1.0271	0.0013154	0.41094	-2.43345	0.000270923	0.321177	-3.11355	0.00605505	0.505656	-1.97763	0.934627	1.01573	1.01573	0.859158	0.966778	-1.03436	16.7231	9.58348	0.509393	1
cg22339313	LRP1	0.000847836	0.150276	0.780927	-1.28053	0.00973194	1.68935	1.68935	0.0230533	1.54621	1.54621	0.231614	0.817758	-1.22286	0.000730249	0.438936	-2.27824	0.00480668	0.548825	-1.82207	0.00125519	2.12847	2.12847	0.027565	1.51867	1.51867	0.14614	0.778666	-1.28425	12.3287	5.02078	0.361993	1
cg07281948	LRP1	0.00102627	0.000166529	14.1947	14.1947	0.0755285	2.26698	2.26698	0.745412	1.14428	1.14428	0.0174123	3.31241	3.31241	0.36959	0.683048	-1.46403	0.000470343	9.71305	9.71305	0.0201775	0.313785	-3.18689	0.185291	1.78802	1.78802	0.00542921	4.54254	4.54254	11.6803	31.6581	2.40923	1
cg12239218	LRP1	0.00176187	0.193107	0.744616	-1.34297	0.137563	0.710064	-1.40832	0.949837	1.01356	1.01356	0.000834693	0.340752	-2.93468	0.00355188	0.429152	-2.33017	6.31E-05	0.206588	-4.84056	0.305596	0.796816	-1.255	0.381894	0.825297	-1.21169	0.0442871	0.609767	-1.63997	10.0037	7.26318	0.645378	1
cg14621254	LRP1	0.00202875	0.0374559	2.59157	2.59157	0.0330642	2.67215	2.67215	0.0178013	3.11521	3.11521	0.462734	1.34288	1.34288	0.0015991	0.167665	-5.96428	0.672133	0.845445	-1.18281	0.0147239	3.26745	3.26745	0.000622094	7.97507	7.97507	0.0336063	2.66149	2.66149	9.60187	23.6543	2.18979	1
cg00693253	LRP1	0.00323394	0.518238	0.890896	-1.12247	0.105197	0.731795	-1.3665	0.939664	1.01344	1.01344	0.682255	1.0753	1.0753	5.23E-05	0.263455	-3.79571	0.922244	0.982927	-1.01737	0.52136	1.12147	1.12147	0.815635	1.04206	1.04206	0.0111178	0.570379	-1.75322	8.3691	4.12366	0.437977	1
cg25260176	LRP1	0.00654986	0.212083	0.59779	-1.67283	0.893682	0.949006	-1.05373	0.0860538	2.10114	2.10114	0.193211	0.58335	-1.71424	0.000320408	0.102334	-9.77197	0.246971	0.622592	-1.60619	0.0716051	2.19781	2.19781	0.0483319	2.41845	2.41845	0.38194	0.703983	-1.42049	6.75334	16.3882	2.15705	1
cg00773233	LRP1	0.00677982	0.193268	0.813194	-1.22972	0.0137779	1.57983	1.57983	0.108395	1.30091	1.30091	0.859074	0.973658	-1.02705	0.00225303	0.526144	-1.90062	0.0271381	0.67513	-1.4812	0.0805209	0.747397	-1.33798	0.132044	1.27655	1.27655	0.0219286	0.661696	-1.51127	6.6813	2.38733	0.317613	1
cg27419119	LRP1	0.00782507	0.00805806	0.669284	-1.49413	0.657901	1.05414	1.05414	0.107943	0.812601	-1.23062	0.826642	0.974384	-1.02629	0.0426226	0.758695	-1.31805	0.00097809	0.559827	-1.78627	0.340517	1.12323	1.12323	0.0996546	0.807759	-1.23799	0.00325484	0.622076	-1.60752	6.3884	1.41619	0.19705	1
cg09686672	LRP1	0.0101	0.0132746	4.19303	4.19303	0.00655334	5.20559	5.20559	0.144555	2.0794	2.0794	0.0509709	2.82492	2.82492	0.00520872	5.5967	5.5967	0.125285	2.1707	2.1707	0.00613874	5.31342	5.31342	0.00435691	5.92581	5.92581	0.0101208	4.55175	4.55175	5.89183	20.3617	3.07193	1
cg12069468	LRP1	0.0104692	0.379823	0.879134	-1.13748	0.00171285	1.8967	1.8967	0.00386644	1.74451	1.74451	0.827505	0.969278	-1.0317	0.332833	0.86689	-1.15355	0.138092	0.795877	-1.25648	0.245559	1.18966	1.18966	0.0334511	1.42662	1.42662	0.535959	0.914278	-1.09376	5.82442	1.88602	0.287833	1
cg23731687	LRP1	0.011375	0.039473	4.16911	4.16911	0.42991	1.60554	1.60554	0.00139828	0.0559564	-17.8711	0.093666	2.99227	2.99227	0.162318	2.41758	2.41758	?	?	?	0.082641	0.318526	-3.13946	0.350903	0.568426	-1.75924	0.191678	2.26325	2.26325	6.53622	30.9088	4.13775	1
cg15471197	LRP1	0.0116959	0.36543	0.889205	-1.1246	0.282039	0.868345	-1.15162	0.00174171	0.569078	-1.75723	0.904851	0.985013	-1.01522	0.280736	0.867986	-1.15209	0.0311899	1.37615	1.37615	0.0358888	1.36104	1.36104	0.200045	0.842873	-1.18642	0.0196011	0.700395	-1.42777	5.62006	1.41931	0.224483	1
cg01515074	LRP1	0.0135376	0.746155	1.16182	1.16182	0.000441236	12.9688	12.9688	0.28967	1.66113	1.66113	0.295545	0.605984	-1.65021	0.269814	0.588242	-1.69998	0.188073	1.90427	1.90427	0.0588666	0.373339	-2.67853	0.2967	1.64809	1.64809	0.657535	1.22879	1.22879	5.35863	18.097	3.00192	1
cg09360253	LRP1	0.0136788	0.0125462	0.701409	-1.4257	0.0324681	1.33104	1.33104	0.0376231	0.759207	-1.31716	0.0470125	1.2965	1.2965	0.195827	1.16912	1.16912	0.203959	1.16549	1.16549	0.0183448	1.38669	1.38669	0.242066	0.869482	-1.15011	0.384559	0.903178	-1.1072	5.34044	1.10356	0.183682	1
cg06531661	LRP1	0.0203852	0.0258814	0.757009	-1.32099	0.357327	0.905175	-1.10476	0.248087	1.1355	1.1355	0.0017071	0.624127	-1.60224	0.224977	1.14354	1.14354	0.0299225	0.764273	-1.30843	0.747476	0.966574	-1.03458	0.245445	0.879982	-1.13639	0.0727968	0.81007	-1.23446	4.67414	0.819919	0.155925	1
cg26676360	LRP1	0.0222812	0.445319	1.35707	1.35707	0.00346704	0.210736	-4.74526	0.70215	1.16275	1.16275	0.495131	1.31237	1.31237	0.00278804	0.198364	-5.04123	0.341545	1.46903	1.46903	0.403033	1.3991	1.3991	0.914719	0.958834	-1.04293	0.67548	0.847701	-1.17966	4.53413	11.0591	2.16808	1
cg09150519	LRP1	0.0226603	0.3663	1.26667	1.26667	0.0354361	1.8659	1.8659	0.0300631	1.91525	1.91525	0.576696	0.866205	-1.15446	0.28201	0.752205	-1.32942	0.186636	0.700085	-1.4284	0.117041	0.648142	-1.54287	0.00352558	2.73906	2.73906	0.361236	1.27003	1.27003	4.5079	4.63132	0.913225	1
cg20668447	LRP1	0.0248688	0.191202	1.64049	1.64049	0.00245239	4.51465	4.51465	0.0137259	2.97401	2.97401	0.0781318	2.01394	2.01394	0.0632133	0.473624	-2.11138	0.224415	1.57849	1.57849	0.81973	1.08507	1.08507	0.175624	1.67384	1.67384	0.620252	1.19561	1.19561	4.36521	8.8452	1.80115	1
cg02519772	LRP1	0.0267425	0.833362	0.941776	-1.06182	0.0105601	2.49894	2.49894	0.0188153	2.24866	2.24866	0.700991	1.11612	1.11612	0.832515	0.941484	-1.06215	0.00843032	0.383702	-2.60619	0.243049	1.41599	1.41599	0.467941	0.810355	-1.23403	0.430127	0.795087	-1.25772	4.25594	5.46451	1.14131	1
cg15920131	LRP1	0.0342583	0.0206303	4.7795	4.7795	0.35964	1.69641	1.69641	0.94778	1.03744	1.03744	0.55449	1.39862	1.39862	0.391916	0.61128	-1.63591	0.0303303	4.17306	4.17306	0.0176327	0.197876	-5.05367	0.169015	2.27569	2.27569	0.0400191	3.78783	3.78783	3.89718	19.4354	4.43293	1
cg25315148	LRP1	0.0355019	0.443137	0.85871	-1.16454	0.296679	0.80995	-1.23464	0.0287677	1.65269	1.65269	0.0110118	0.537236	-1.86138	0.90495	1.02354	1.02354	0.0193334	0.576333	-1.73511	0.0673064	0.670711	-1.49095	0.390561	1.18695	1.18695	0.550358	0.888951	-1.12492	3.84724	2.31236	0.534261	1
cg05943813	LRP1	0.0463415	0.718172	1.13189	1.13189	0.00161958	0.213411	-4.68579	0.126792	1.75864	1.75864	0.745793	1.11761	1.11761	0.325215	1.41518	1.41518	0.815701	1.08308	1.08308	0.889738	1.04856	1.04856	0.359436	1.38002	1.38002	0.289612	0.686791	-1.45605	3.48688	6.45286	1.64499	1
cg27032353	LRP10	0.00210837	0.168629	1.42608	1.42608	0.16697	0.700124	-1.42832	0.000127708	0.19942	-5.01453	0.173978	0.704714	-1.41902	0.00221267	0.354277	-2.82265	0.0793259	0.624193	-1.60207	0.133935	1.47862	1.47862	0.989339	1.00324	1.00324	0.00928081	0.449902	-2.22271	9.49462	8.80388	0.824221	1
cg11155414	LRP10	0.00315016	0.113482	1.57566	1.57566	0.384007	1.26573	1.26573	0.0118306	2.29269	2.29269	0.000777839	0.261251	-3.82774	0.693392	0.900676	-1.11028	0.197438	0.697892	-1.43289	0.00337173	0.348995	-2.86537	0.00928937	0.418404	-2.39003	0.558332	0.855328	-1.16914	8.43478	9.31056	0.981181	1
cg07046849	LRP10	0.00490521	0.01161	0.333147	-3.00167	0.0136837	0.34568	-2.89285	0.137677	0.57296	-1.74532	0.551746	1.23338	1.23338	0.000244986	0.121078	-8.25912	0.0779836	0.505458	-1.9784	0.484789	1.2806	1.2806	0.235122	1.54267	1.54267	0.0587159	0.475265	-2.10409	7.38158	14.189	1.70864	1
cg06963648	LRP10	0.0092689	?	?	?	0.0387731	0.383143	-2.60999	0.182072	0.624503	-1.60127	?	?	?	0.057969	2.25839	2.25839	?	?	?	?	?	?	0.00172399	0.0537172	-18.616	0.385687	0.759069	-1.3174	29.7533	18.3457	0.369957	1
cg23411728	LRP10;LRP10	7.22E-05	0.413544	0.938385	-1.06566	0.6241	0.963122	-1.03829	0.0129451	1.26451	1.26451	0.173651	1.11642	1.11642	0.871971	0.987805	-1.01235	0.00503946	0.754128	-1.32603	1.03E-06	0.377765	-2.64715	0.487544	0.947755	-1.05512	0.169326	1.11783	1.11783	24.1475	2.21353	0.0814816	1
cg12336999	LRP10;LRP10	0.017169	0.105955	0.780433	-1.28134	0.909818	1.01603	1.01603	0.0376797	1.40279	1.40279	0.0830636	0.763827	-1.3092	0.0908925	1.29885	1.29885	0.101859	1.28583	1.28583	0.00173103	1.87275	1.87275	0.852878	1.02641	1.02641	0.130575	1.25762	1.25762	4.95306	1.54621	0.277487	1
cg03451779	LRP11	1.97E-05	7.21E-05	0.257336	-3.88597	2.33E-05	0.204362	-4.89328	2.98E-05	0.215399	-4.64255	8.31E-06	0.161171	-6.20459	0.0081435	0.529369	-1.88904	4.09E-05	0.230004	-4.34774	0.245143	1.25646	1.25646	0.0286184	0.615742	-1.62406	8.18E-05	0.26357	-3.79406	34.0038	18.9925	0.496479	1
cg20206129	LRP11	0.000323203	0.00523411	0.437509	-2.28567	0.433011	1.1967	1.1967	0.454133	0.842718	-1.18664	0.0766358	1.55577	1.55577	0.000252981	0.258292	-3.87159	0.000155765	0.233817	-4.27685	0.000320659	0.270688	-3.69429	0.000925826	0.329518	-3.03474	0.572997	1.13635	1.13635	16.1178	12.8572	0.709067	1
cg09699651	LRP11	0.00146489	0.0337608	2.47594	2.47594	0.861441	1.06433	1.06433	0.642273	0.846112	-1.18188	0.0143615	3.04563	3.04563	0.047142	2.28867	2.28867	0.217378	1.59474	1.59474	0.202076	0.615908	-1.62362	5.63E-05	0.0513698	-19.4667	0.821132	0.922356	-1.08418	12.7008	25.072	1.53538	1
cg24112628	LRP11	0.00151156	0.935854	1.00945	1.00945	0.0618489	0.782073	-1.27865	8.60E-05	0.438607	-2.27994	0.0327397	0.746755	-1.33913	0.0415306	0.759783	-1.31617	0.0124632	1.43826	1.43826	0.492879	0.921821	-1.08481	0.236549	0.865051	-1.156	0.0023533	0.608927	-1.64223	10.4564	2.26264	0.192344	1
cg13569583	LRP11	0.00188078	0.00257038	0.43628	-2.29211	0.0161398	0.557633	-1.79329	0.338351	0.822148	-1.21633	0.0390132	0.622463	-1.60652	0.000429079	0.330942	-3.02168	0.00422371	0.467635	-2.13842	0.0031956	0.449906	-2.22269	0.000438515	0.33215	-3.01068	0.231605	0.779612	-1.28269	9.81589	6.12092	0.554287	1
cg07310318	LRP11	0.0021414	0.359687	1.14975	1.14975	0.0223339	1.5003	1.5003	0.547551	1.09437	1.09437	0.758528	1.04675	1.04675	0.945008	1.01027	1.01027	0.660053	0.936519	-1.06778	3.58E-05	0.30697	-3.25765	0.995617	0.999186	-1.00081	0.834896	1.03141	1.03141	9.45161	3.28662	0.309095	1
cg11708358	LRP11	0.00246008	0.00111286	0.246378	-4.05881	0.199529	0.673469	-1.48485	0.0823293	0.570468	-1.75295	0.088227	0.57773	-1.73091	0.00191162	0.27749	-3.60374	0.00352255	0.31537	-3.17088	0.0012941	0.254832	-3.92415	0.000756857	0.225542	-4.43376	0.0471157	0.515497	-1.93987	9.07491	12.2256	1.1975	1
cg12232274	LRP11	0.00486992	0.0563413	0.594692	-1.68154	0.000976074	3.25343	3.25343	0.122791	1.49501	1.49501	0.0602793	1.66465	1.66465	0.0285521	0.537195	-1.86152	0.851923	0.956053	-1.04597	0.0079556	0.441169	-2.2667	0.20104	0.722692	-1.38372	0.589523	0.877216	-1.13997	7.39784	6.7772	0.814316	1
cg11182199	LRP11	0.0108758	0.0879831	1.43176	1.43176	0.831684	1.0414	1.0414	0.0324267	1.61178	1.61178	0.652354	1.09028	1.09028	0.00973704	0.536217	-1.86492	0.0041605	2.07949	2.07949	0.376283	0.84108	-1.18895	0.0110018	1.83684	1.83684	0.168742	1.32249	1.32249	5.75352	3.31071	0.511488	1
cg05971912	LRP11	0.0279158	0.638013	0.82607	-1.21055	0.00497256	4.47844	4.47844	0.126232	1.94848	1.94848	?	?	?	?	?	?	?	?	?	0.0365912	0.375536	-2.66286	0.616957	0.816012	-1.22547	0.948964	1.02615	1.02615	4.46922	7.67169	2.28875	1
cg09834205	LRP11;LRP11	0.0150981	0.437266	0.851291	-1.17469	0.199934	0.759488	-1.31668	0.011308	0.524925	-1.90504	0.766984	0.941412	-1.06223	0.484944	0.865726	-1.1551	0.00241463	0.423812	-2.35954	0.00296225	0.4366	-2.29042	0.184805	1.33077	1.33077	0.343321	0.820087	-1.21938	5.16955	3.37972	0.581134	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05221544	LRP11;LRP11	0.0269022	0.168936	1.24975	1.24975	0.0155902	0.63693	-1.57003	0.648045	1.07241	1.07241	0.00198188	0.514491	-1.94367	0.602866	0.92326	-1.08312
cg04205432	LRP12;LRP12	0.000444308	0.0729731	0.69089	-1.44741	0.00187276	2.26032	2.26032	0.0909593	0.708734	-1.41097	0.290754	1.22472	1.22472	0.000175277	0.308235	-3.24428
cg00662122	LRP12;LRP12	0.00849821	0.0144962	0.594048	-1.68337	0.277736	1.21551	1.21551	0.670252	1.07687	1.07687	0.201639	0.792044	-1.26256	0.308158	1.20007	1.20007
cg24638722	LRP12;LRP12	0.0309293	0.64348	1.17466	1.17466	0.138131	1.73569	1.73569	0.235441	0.650862	-1.53642	0.102457	1.85372	1.85372	0.015289	0.357529	-2.79698
cg08517286	LRP12;LRP12	0.0493612	0.642227	0.72472	-1.37984	0.155644	2.84476	2.84476	0.667903	1.34583	1.34583	0.307153	2.06991	2.06991	0.248353	2.29429	2.29429
cg27031632	LRP1;LRP1	0.000632693	0.0112731	0.736745	-1.35732	0.0190718	1.31403	1.31403	0.00597185	1.41331	1.41331	0.130675	1.17011	1.17011	0.019462	0.761956	-1.31241
cg04109278	LRP1;LRP1	0.0294849	0.83934	1.03623	1.03623	0.606514	0.912941	-1.09536	0.0296497	1.56648	1.56648	0.0953241	0.725227	-1.37888	0.163189	1.29814	1.29814
cg13038544	LRP1;MIR1228	0.0344895	0.16677	2.07844	2.07844	0.00137836	10.0009	10.0009	0.00622869	5.86902	5.86902	0.284929	1.73542	1.73542	0.402498	1.52992	1.52992
cg03668470	LRP1;MIR1228	0.0478548	0.970816	1.0196	1.0196	0.00180835	10.5225	10.5225	0.0102185	5.57198	5.57198	0.860363	0.910822	-1.09791	0.838744	1.11415	1.11415
cg11038054	LRP1B	4.24E-05	4.40E-05	0.174361	-5.73522	0.00204703	0.375321	-2.66438	0.0946826	0.660843	-1.51322	0.00131963	0.348606	-2.86857	0.000608076	0.303769	-3.29198
cg20443778	LRP1B	0.000627328	0.12584	0.656901	-1.5223	0.535754	1.17245	1.17245	0.802673	0.938452	-1.06558	0.207322	0.713655	-1.40124	3.43E-05	0.130853	-7.64214
cg09174717	LRP1B	0.00302872	0.0650421	1.33034	1.33034	0.0270086	0.69713	-1.43445	0.343846	0.87428	-1.1438	0.00270308	1.77005	1.77005	0.711929	1.05243	1.05243
cg02311960	LRP1B	0.00319538	0.339401	0.708791	-1.41085	0.348065	0.713406	-1.40173	0.00817428	3.26443	3.26443	0.357888	1.39166	1.39166	0.645374	0.85046	-1.17583
cg15664504	LRP1B	0.00435097	0.0073337	0.25683	-3.89362	0.000816357	0.137466	-7.27455	0.00989295	0.277556	-3.60288	0.781243	0.8963	-1.1157	0.0365558	0.384622	-2.59995
cg01852095	LRP1B	0.00972031	0.380097	1.15725	1.15725	0.0117638	0.600254	-1.66596	0.0263762	0.652369	-1.53288	0.758059	0.951117	-1.0514	0.791604	0.957954	-1.04389
cg00821600	LRP1B	0.0141686	0.751547	1.15589	1.15589	0.000628757	0.0909599	-10.9939	0.636334	0.80473	-1.24265	0.341818	1.56323	1.56323	0.427121	0.690848	-1.4475
cg02488702	LRP1B	0.0147647	0.812275	0.94245	-1.06106	0.000563771	0.264037	-3.78735	0.144585	0.676783	-1.47758	0.150322	1.46833	1.46833	0.427126	0.817095	-1.22385
cg26545307	LRP1B	0.0159816	0.0030707	0.368926	-2.71057	0.18522	0.707777	-1.41288	0.810928	0.942747	-1.06073	0.877338	1.03873	1.03873	0.00334858	0.374516	-2.67011
cg24878483	LRP1B	0.0169438	0.0175016	0.296555	-3.37206	0.0334248	0.351814	-2.84241	0.0193841	0.304739	-3.2815	0.832819	1.09291	1.09291	0.00228572	0.166518	-6.00535
cg09618674	LRP1B	0.0200353	0.641904	1.11519	1.11519	0.00250386	0.376243	-2.65786	0.00929485	0.46384	-2.15592	0.0738877	0.628917	-1.59004	0.572041	1.14216	1.14216
cg11703179	LRP1B	0.0213851	0.37187	0.88336	-1.13204	0.00161076	0.542392	-1.84368	0.705647	0.949965	-1.05267	0.718868	1.05011	1.05011	0.691863	0.94754	-1.05536
cg05686197	LRP1B	0.0226916	0.0106963	0.25969	-3.85074	0.0165439	0.292191	-3.42242	0.0294371	0.340355	-2.93811	0.471295	0.734952	-1.36063	0.0128041	0.272716	-3.66681
cg00498219	LRP1B	0.0326403	0.53195	0.81807	-1.22239	0.975565	1.00976	1.00976	0.10715	0.572456	-1.74686	0.0909904	0.554036	-1.80494	0.182102	1.56706	1.56706
cg12456269	LRP1B	0.0365979	0.577588	0.892557	-1.12038	0.291427	0.801578	-1.24754	0.0567568	1.54598	1.54598	0.88971	1.02843	1.02843	0.0234786	1.72766	1.72766
cg06382546	LRP1B	0.0374688	0.850526	0.958138	-1.04369	0.0258781	1.82141	1.82141	0.305547	0.786245	-1.27187	0.520974	1.1589	1.1589	0.0043936	0.42227	-2.36815
cg21340845	LRP1B	0.0419023	0.00559594	0.271086	-3.68887	0.0323658	0.407	-2.457	0.0733428	0.48849	-2.04712	0.207229	1.61157	1.61157	0.0499086	0.448279	-2.23076
cg03252605	LRP1B	0.0465809	0.790593	0.940276	-1.06352	0.268552	1.30558	1.30558	0.00672226	0.443413	-2.25523	0.129369	0.68443	-1.46107	0.00988069	0.470321	-2.12621
cg16209652	LRP1B;LRP1B	0.0402193	0.0431286	0.752503	-1.3289	0.00613764	0.645998	-1.54799	0.328123	1.13128	1.13128	0.618232	0.94045	-1.06332	0.585188	1.06968	1.06968
cg16691888	LRP2	0.000396389	0.55958	1.13239	1.13239	0.122325	0.702688	-1.42311	0.00361572	0.436083	-2.29314	0.0182071	0.546569	-1.82959	?	?	?
cg03019033	LRP2	0.00119823	0.00736267	0.605128	-1.65254	0.00496355	0.58219	-1.71765	0.000113075	0.373001	-2.68096	0.00565446	0.589741	-1.69566	0.00331871	0.559038	-1.78879
cg00726174	LRP2	0.00609452	0.0271898	2.65685	2.65685	0.219457	0.622784	-1.60569	0.00239329	0.196651	-5.08515	0.453313	1.32151	1.32151	?	?	?
cg19962304	LRP2	0.00818843	0.0454076	0.49222	-2.03161	0.00379528	0.299375	-3.34029	0.00247529	0.272654	-3.66765	0.0111928	0.374618	-2.66939	0.550106	1.20534	1.20534
cg01329010	LRP2	0.00847168	0.00389713	0.387814	-2.57855	0.956078	1.01351	1.01351	0.00763904	0.433493	-2.30684	0.167755	0.698821	-1.43098	0.0278385	0.530678	-1.88438
cg03328571	LRP2	0.0149171	0.474886	0.794913	-1.258	0.404408	0.763784	-1.30927	0.0018621	0.247965	-4.03283	0.243332	0.680041	-1.4705	0.0146429	0.386992	-2.58403
cg07069090	LRP2	0.0241638	0.00746588	0.0970711	-10.3017	0.017115	0.139783	-7.15395	0.02288	0.158281	-6.31786	0.0523942	0.22455	-4.45334	0.0257539	0.166447	-6.00793
cg21645864	LRP2;LRP2	0.00184992	0.000545134	0.435717	-2.29507	0.664301	0.934714	-1.06985	0.0593512	0.719557	-1.38974	0.902317	0.981194	-1.01917	0.193316	1.23719	1.23719
cg13436799	LRP2;LRP2	0.00633856	0.633709	1.06737	1.06737	0.000635589	2.03926	2.03926	0.578929	1.0791	1.0791	0.229019	0.842457	-1.187	0.027173	0.701114	-1.4263
cg20253302	LRP2BP	0.0417647	0.142307	0.722941	-1.38324	0.0279165	0.586071	-1.70628	0.00898645	0.504942	-1.98042	0.153807	0.730469	-1.36898	0.435535	1.17778	1.17778
cg20712054	LRP3	5.82E-05	0.146957	0.67982	-1.47098	0.000741447	0.280796	-3.56131	0.208856	0.720029	-1.38883	0.726488	1.09098	1.09098	1.28E-06	0.0457539	-21.8561
cg11926604	LRP3	0.00153337	0.00063907	0.56341	-1.77491	0.000216113	0.508854	-1.9652	0.732143	1.03832	1.03832	0.925826	0.989861	-1.01024	0.776864	1.03158	1.03158
cg08253494	LRP3	0.0113314	0.209174	0.76968	-1.29924	0.000358232	0.322215	-3.10352	0.520416	0.879118	-1.1375	0.573115	1.11918	1.11918	0.432841	0.853604	-1.1715
cg03065625	LRP4	0.00137967	0.0329057	0.552122	-1.81119	0.000117818	0.200934	-4.97675	0.00365496	0.392271	-2.54926	0.328877	0.786709	-1.27112	0.42119	0.822327	-1.21606
cg23595304	LRP4	0.00167244	0.975369	0.992738	-1.00732	0.0541515	1.67525	1.67525	0.504767	0.852325	-1.17326	0.000663511	0.292146	-3.42294	0.001909	0.354184	-2.82339
cg08017450	LRP4	0.00438056	0.723612	1.14318	1.14318	0.186502	0.589918	-1.69515	0.128657	0.538541	-1.85687	0.0259812	0.369364	-2.70736	0.000111777	0.0773238	-12.9326
cg09242181	LRP4	0.0263932	0.00832147	0.47678	-2.0974	0.11388	0.685411	-1.45898	0.0431799	0.599992	-1.66669	0.706492	0.920278	-1.08663	0.0460604	0.605299	-1.65208
cg12627354	LRP4	0.0321737	0.00540483	0.131035	-7.63152	0.492807	0.679363	-1.47197	0.144823	0.419302	-2.38492	0.207184	0.477935	-2.09233	0.0352633	0.25642	-3.89985
cg09819791	LRP4	0.0345637	0.0011966	0.287668	-3.47622	0.199281	0.700513	-1.42753	0.29007	0.74963	-1.33399	0.0301906	0.512256	-1.95215	0.079904	0.600497	-1.66529
cg23062006	LRP4	0.048649	0.707002	1.05521	1.05521	0.623659	1.07292	1.07292	0.614152	1.07503	1.07503	0.00784092	0.615317	-1.62518	0.00423804	0.579943	-1.72431
cg09203240	LRP5	3.97E-06	1.84E-05	0.306512	-3.26251	0.0986977	1.27778	1.27778	5.32E-05	0.360151	-2.77661	1.84E-05	0.306645	-3.2611	1.50E-06	0.191949	-5.20973
cg01657329	LRP5	8.71E-05	0.278505	1.07228	1.07228	0.0107621	0.819996	-1.21952	1.07E-05	0.558839	-1.78943	0.681756	0.974787	-1.02587	0.276643	0.932318	-1.07259
cg12016746	LRP5	9.39E-05	0.00157529	0.412537	-2.42403	0.264854	0.797177	-1.25443	0.000431815	0.337551	-2.96252	0.000411942	0.334934	-2.98567	0.000240708	0.305672	-3.27148
cg14083356	LRP5	0.000119331	0.000928733	0.604121	-1.6553	0.0519919	1.25278	1.25278	0.132893	1.17972	1.17972	0.0110015	0.722398	-1.38428	1.76E-05	0.408453	-2.44826
cg25890936	LRP5	0.00025536	0.704717	0.930938	-1.07418	0.520874	1.13011	1.13011	0.00483562	0.495347	-2.01879	0.109731	1.38781	1.38781	1.27E-05	0.178002	-5.6179
cg25380755	LRP5	0.000268193	0.00783602	0.802692	-1.24581	0.000170269	0.662533	-1.50936	0.0824764	0.883488	-1.13188	0.00647676	0.796154	-1.25604	0.628534	0.96909	-1.0319
cg22799110	LRP5	0.000914603	0.261781	0.867962	-1.15212	0.618914	0.941126	-1.06256	8.67E-05	0.426449	-2.34495	0.247049	1.15774	1.15774	0.000510075	0.518482	-1.92871
cg05754939	LRP5	0.000991849	0.0767791	0.487996	-2.0492	0.00203484	0.204834	-4.882	0.00220405	0.209233	-4.77936	0.0100025	0.305616	-3.27208	0.000414679	0.129769	-7.70602
cg05570937	LRP5	0.00117969	0.000651055	0.530309	-1.88569	0.586123	0.935469	-1.06898	0.161684	0.834163	-1.19881	0.0709198	0.782842	-1.2774	0.057907	0.770951	-1.2971
cg18440777	LRP5	0.00122702	0.973611	1.00362	1.00362	0.300799	0.889567	-1.12414	0.585542	0.941671	-1.06194	2.79E-05	0.406485	-2.46012	0.0112621	0.707149	-1.41413
cg02221422	LRP5	0.00154928	0.0513744	0.589392	-1.69666	0.00198023	2.83318	2.83318	0.00221259	0.359844	-2.77898	0.745191	1.08082	1.08082	0.000542146	0.277594	-3.60239
cg19658487	LRP5	0.00168516	0.00282775	0.289982	-3.44849	0.434276	0.786481	-1.27149	0.0676771	0.539979	-1.85193	0.0220554	0.43754	-2.2855	0.000484137	0.192585	-5.1925
cg16365302	LRP5	0.00196384	0.050347	0.657014	-1.52204	0.000310979	0.332386	-3.00855	0.884302	1.0278	1.0278	0.0658721	1.47491	1.47491	0.332323	1.20722	1.20722
cg09164911	LRP5	0.00217819	0.613125	1.04234	1.04234	0.981131	1.00193	1.00193	0.00998807	1.30284	1.30284	0.00347588	1.38064	1.38064	0.0566773	0.83909	-1.19177
cg03035359	LRP5	0.00237085	0.105473	0.806164	-1.24044	0.0106414	0.676206	-1.47884	0.3636	0.892485	-1.12047	0.733907	1.04244	1.04244	4.94E-05	0.395152	-2.53067
cg18894028	LRP5	0.00368231	0.393826	0.930554	-1.07463	0.0321788	0.813217	-1.22968	0.00727766	0.751823	-1.3301	0.46052	0.939963	-1.06387	8.66E-05	0.559638	-1.78687
cg08127021	LRP5	0.00407766	0.0859317	0.671793	-1.48855	0.553339	1.13394	1.13394	0.158025	0.728771	-1.37217	0.0130841	0.524557	-1.90637	0.000384346	0.304878	-3.28
cg26915558	LRP5	0.0055952	0.242093	1.31144	1.31144	0.000150289	4.22657	4.22657	0.239036	0.761048	-1.31398	0.904725	0.973832	-1.02687	0.417747	0.832452	-1.20127
cg13894813	LRP5	0.00611686	0.446856	1.26565	1.26565	0.354129	1.33599	1.33599	0.0264474	0.449493	-2.22473	0.493077	1.23555	1.23555	0.000123754	0.130818	-7.64423
cg02606728	LRP5	0.00627626	0.529566	0.88135	-1.13462	0.088839	0.68922	-1.45092	0.0179813	1.76843	1.76843	0.0483801	0.639357	-1.56407	0.15731	0.740888	-1.34973
cg14245804	LRP5	0.00687548	0.124546	0.218619	-4.57417	0.000700927	0.00887158	-112.719	0.0199239	0.076618	-13.0518	0.120557	0.214503	-4.66193	0.00250128	0.0214964	-46.5195
cg27155168	LRP5	0.00704719	0.179003	1.59131	1.59131	0.000593609	5.61613	5.61613	0.975335	0.98999	-1.01011	0.0574664	0.496985	-2.01214	0.00622939	0.313382	-3.19099
cg04265051	LRP5	0.00774019	0.185644	0.498797	-2.00482	0.0022618	8.31034	8.31034	0.0149813	4.40326	4.40326	0.0240117	3.79715	3.79715	0.194172	0.506235	-1.97537
cg12884141	LRP5	0.00820269	0.0203117	0.72518	-1.37897	0.519109	1.07796	1.07796	0.067125	0.790021	-1.26579	0.442624	0.914006	-1.09408	0.000302822	0.509382	-1.96316
cg27068965	LRP5	0.00902109	0.640347	0.922358	-1.08418	0.0678156	0.703734	-1.42099	0.0699859	0.70611	-1.41621	0.707562	1.06687	1.06687	0.0247531	0.631832	-1.5827
cg20310100	LRP5	0.00921313	0.0202687	0.292668	-3.41685	0.00116952	0.123461	-8.0997	0.024727	0.309198	-3.23418	0.032566	0.333474	-2.99874	0.0111443	0.247407	-4.04193
cg26525861	LRP5	0.00946224	0.438238	0.916335	-1.0913	0.294745	1.12759	1.12759	0.262783	1.13771	1.13771	0.276445	0.882414	-1.13326	0.751732	0.965537	-1.03569
ch.11.1416715F	LRP5	0.0103738	0.0177488	0.364708	-2.74192	0.000387654	0.138075	-7.24246	0.0181823	0.366667	-2.72727	0.134158	0.56828	-1.7597	0.00780504	0.30275	-3.30306
cg24252148	LRP5	0.0164366	0.0224245	0.264379	-3.78244	?	?	?	0.0211914	0.259837	-3.84857	0.0620409	0.359907	-2.7785	0.00772592	0.189306	-5.28246
cg01475008	LRP5	0.0181303	0.878945	1.02339	1.02339	0.104744	0.764124	-1.30869	0.129729	1.28192	1.28192	0.158461	1.25701	1.25701	0.00479429	0.566672	-1.76469
cg23256899	LRP5	0.0199571	0.0507935	0.561101	-1.78221	0.472399	0.827126	-1.20901	0.809493	0.939208	-1.06473	0.404076	0.801153	-1.2482	0.000319733	0.220314	-4.53897
cg20278269	LRP5	0.022955	0.0270392	0.176578	-5.66321	0.0282134	0.179716	-5.56433	0.0195782	0.154353	-6.47867	0.118515	0.325455	-3.07262	0.00659783	0.0966789	-10.3435
cg03064005	LRP5	0.0234356	0.137689	0.591914	-1.68943	0.152566	0.604942	-1.65305	0.0338913	2.25344	2.25344	0.649482	0.860628	-1.16194	0.00332024	0.269393	-3.71205
cg15750611	LRP5	0.0235701	0.321034	0.824676	-1.2126	0.114583	1.38079	1.38079	0.0446719	0.648317	-1.54246	0.133264	0.737486	-1.35596	0.135774	1.3529	1.3529
cg18031326	LRP5	0.0251728	0.212976	0.5748	-1.73973	0.00730018	4.30841	4.30841	0.0201942	3.26295	3.26295	0.0278937	2.99499	2.99499	0.250556	0.602371	-1.66011
cg25781963	LRP5	0.0269827	0.247679	1.38194	1.38194	0.301291	1.33196	1.33196	0.697099	0.900599	-1.11037	0.0949363	1.63423	1.63423	0.0157993	0.45318	-2.20663
cg12418739	LRP5	0.0282	0.0102464	0.681471	-1.46741	0.470569	1.09088	1.09088	0.937076	1.0094	1.0094	0.184198	0.846262	-1.18167	0.579268	0.935786	-1.06862
cg02011476	LRP5	0.0299065	0.190742	1.60961	1.60961	0.483212	0.782849	-1.27739	0.00756484	3.25582	3.25582	0.128126	1.75963	1.75963	0.0366289	0.434178	-2.3032
cg16980426	LRP5	0.0307248	0.0140186	0.681026	-1.46837	0.100047	1.25634	1.25634	0.61301	1.06672	1.06672	0.883575	0.981615	-1.01873	0.674628	0.947937	-1.05492
cg21916461	LRP5	0.0322569	0.102698	1.56955	1.56955	0.0320758	1.88505	1.88505	0.0383274	0.545546	-1.83303	0.127112	0.659318	-1.51672	0.232898	1.37136	1.37136
cg23972551	LRP5	0.0328572	0.0154882	0.59758	-1.67341	0.286115	0.825261	-1.21174	0.0233562	1.59961	1.59961	0.522723	1.11886	1.11886	0.181613	1.27869	1.27869
cg22151881	LRP5	0.0343605	0.281157	0.701556	-1.4254	0.0520101	2.01278	2.01278	0.0410715	0.474298	-2.10838	0.0171357	0.398773	-2.50769	0.081434	0.542717	-1.84258
cg05984508	LRP5	0.0353678	0.0955479	0.637963	-1.56749	0.369974	0.797717	-1.25358	0.237863	0.738222	-1.35461	0.0336504	0.54386	-1.83871	0.017304	0.490831	-2.03736
cg07985116	LRP5	0.0403863	0.821802	0.879459	-1.13706	0.00984385	6.40855	6.40855	0.0020179	11.9435	11.9435	0.0836478	2.97476	2.97476	0.831401	1.12908	1.12908
cg16409259	LRP5	0.0411055	0.0509976	0.691776	-1.44555	0.00327909	0.514638	-1.94311	0.438565	0.877234	-1.13995	0.0163706	0.614798	-1.62655	0.144881	0.771387	-1.29637
cg08648997	LRP5	0.0430416	0.741513	0.856989	-1.16688	0.0951576	2.35117	2.35117	0.0836474	2.44161	2.44161	0.486303	1.39071	1.39071	0.00362766	0.159578	-6.26653
cg04416431	LRP5L;LRP5L	0.00075087	0.59341	0.89831	-1.1132	0.0106223	1.89522	1.89522	0.00248793	2.30833	2.30833	0.0329467	0.608738	-1.64274	0.0145959	0.549625	-1.81942
cg08672488	LRP5L;LRP5L	0.0401768	0.0422855	0.572285	-1.74738	0.84585	1.04754	1.04754	0.00678032	0.432912	-2.30994	0.459907	0.835665	-1.19665	0.0152895	0.491372	-2.03512
cg13751923	LRP5L;LRP5L	0.0449028	0.821096	0.955817	-1.04623	0.0258006	1.69575	1.69575	0.600867	1.11106	1.11106	0.0195999	1.75531	1.75531	0.502863	0.873141	-1.14529
cg18606700	LRP5L;LRP5L;LRP5L	0.0458252	0.487013	0.715317	-1.39798	0.540912	1.34132	1.34132	0.115999	0.444663	-2.24889	0.410115	1.49126	1.49126	0.00146226	0.113049	-8.84576
cg21956815	LRP6	0.000107164	0.108577	1.2139	1.2139	1.31E-05	0.363314	-2.75244	0.000118353	0.474233	-2.10867	0.704615	0.958698	-1.04308	0.978472	0.997016	-1.00299
cg04958496	LRP6	0.00131114	0.000196669	0.0895068	-11.1723	0.0178214	0.329349	-3.03629	0.00806938	0.27027	-3.70001	0.0192392	0.335569	-2.98001	0.00108	0.155518	-6.43014
cg14376761	LRP6	0.0181512	0.00346757	0.34983	-2.85853	0.0756451	0.592471	-1.68784	0.15882	0.671213	-1.48984	0.557645	1.16996	1.16996	0.00831792	0.409476	-2.44215
cg04051152	LRP6	0.0330391	0.105178	0.646243	-1.54741	0.0167857	0.486912	-2.05376	0.675259	0.901316	-1.10949	0.730431	1.08903	1.08903	0.0187139	0.495273	-2.01909
cg00093149	LRP6	0.0398852	0.00938938	0.352626	-2.83587	0.30054	0.712106	-1.40429	0.291508	0.70722	-1.41399	0.83305	0.935375	-1.06909	0.00275313	0.270501	-3.69684
cg10311602	LRP8;LRP8;LRP8;LRP8	0.000486839	0.0024134	0.399031	-2.50607	0.000923655	0.34101	-2.93246	0.000947551	0.342499	-2.91972	0.805	0.947641	-1.05525	0.000309255	0.280039	-3.57094
cg22819171	LRP8;LRP8;LRP8;LRP8	0.00241246	0.274916	0.786823	-1.27093	0.839732	0.958162	-1.04366	0.0145686	0.529905	-1.88713	0.762333	1.06611	1.06611	0.000575449	0.32478	-3.079
cg21609024	LRP8;LRP8;LRP8;LRP8	0.00392067	0.0584111	0.633644	-1.57817	0.0614585	0.637932	-1.56756	0.00726868	0.47771	-2.09332	0.0528855	1.5991	1.5991	0.0521493	0.624192	-1.60207
cg04997235	LRP8;LRP8;LRP8;LRP8	0.00412808	0.863051	1.02842	1.02842	0.000471814	0.410044	-2.43876	0.314675	0.844725	-1.18382	0.121243	1.31347	1.31347	0.262806	1.20861	1.20861
cg19729914	LRP8;LRP8;LRP8;LRP8	0.00810859	0.772193	0.929357	-1.07601	0.00071986	0.272845	-3.66509	0.46413	0.828575	-1.20689	0.0163064	2.09848	2.09848	0.433813	0.817451	-1.22332
cg16429063	LRP8;LRP8;LRP8;LRP8	0.00988415	0.000906681	0.121794	-8.21058	0.0418594	0.369725	-2.70471	0.336817	0.656977	-1.52212	0.549627	0.773505	-1.29282	0.00305322	0.178831	-5.59187
cg19745317	LRP8;LRP8;LRP8;LRP8	0.0114077	0.0440168	0.543016	-1.84157	0.421672	0.805268	-1.24182	0.462559	1.21813	1.21813	0.992114	0.997396	-1.00261	0.000236242	0.200356	-4.99112
cg11662671	LRP8;LRP8;LRP8;LRP8	0.0125053	0.0326602	1.73559	1.73559	0.0962772	0.66845	-1.496	0.402931	1.20778	1.20778	0.458907	1.18097	1.18097	0.000369615	3.51547	3.51547
cg23205521	LRP8;LRP8;LRP8;LRP8	0.0261448	0.463335	0.870296	-1.14903	0.752	1.06077	1.06077	0.126074	0.73489	-1.36075	0.288706	1.22749	1.22749	0.00293106	0.467427	-2.13937
cg02502132	LRP8;LRP8;LRP8;LRP8	0.0272034	0.0851125	0.693811	-1.44132	0.845242	0.96317	-1.03824	0.666972	0.920233	-1.08668	0.91961	0.980802	-1.01957	0.0167698	1.7516	1.7516
cg08858793	LRP8;LRP8;LRP8;LRP8	0.0341317	0.720827	0.949994	-1.05264	0.019617	1.49645	1.49645	0.024158	1.46864	1.46864	0.0385995	1.40848	1.40848	0.0465602	1.38522	1.38522
cg24904278	LRPAP1	0.000114154	0.535863	1.10507	1.10507	0.0438929	1.44643	1.44643	0.359465	1.16202	1.16202	0.637998	1.07845	1.07845	0.00791211	0.581095	-1.72089
cg20494878	LRPAP1	0.00143976	0.0533163	1.63395	1.63395	8.38E-05	4.86894	4.86894	0.0128597	1.99557	1.99557	0.00815982	2.13251	2.13251	0.0361882	0.579931	-1.72434
cg27321949	LRPAP1	0.00157742	0.0480393	0.584422	-1.71109	0.00218972	2.77625	2.77625	0.00930065	2.19076	2.19076	0.726392	0.919891	-1.08709	0.00244892	0.367202	-2.7233
cg01298004	LRPAP1	0.00432518	0.0496701	0.731682	-1.36671	0.669578	0.941867	-1.06172	0.837422	1.02908	1.02908	0.277387	0.854184	-1.17071	0.0121735	1.54638	1.54638
cg00213119	LRPAP1	0.00583977	0.0735301	0.634591	-1.57582	0.706254	1.09014	1.09014	0.744018	0.928035	-1.07755	0.448202	0.838468	-1.19265	0.000131383	0.220319	-4.53887
cg21315176	LRPAP1	0.00601497	0.00530963	0.339817	-2.94276	0.0705321	0.552213	-1.8109	0.00370969	0.316039	-3.16417	0.194771	0.668335	-1.49626	0.000606488	0.211643	-4.72493
cg25201363	LRPAP1	0.00649543	0.0944783	1.96767	1.96767	0.0676983	2.12474	2.12474	0.219089	1.6095	1.6095	0.110799	1.89605	1.89605	0.0141141	0.327774	-3.05088
cg22066108	LRPAP1	0.00864928	0.0711737	1.99576	1.99576	0.0197305	2.62598	2.62598	0.05305	2.12484	2.12484	0.099508	1.85709	1.85709	0.18412	0.616895	-1.62102
cg17266278	LRPAP1	0.00975409	0.419851	1.31837	1.31837	0.394175	1.34001	1.34001	0.170633	1.6312	1.6312	0.00183753	4.40977	4.40977	0.1305	0.578307	-1.72918
cg01324212	LRPAP1	0.0118072	0.00868311	0.166561	-6.00379	0.0191148	0.218766	-4.5711	0.0211955	0.226555	-4.41395	0.0918362	0.369876	-2.70361	0.00411998	0.127211	-7.86095
cg16784566	LRPAP1	0.0141761	0.210955	1.51637	1.51637	0.0031588	0.279701	-3.57525	0.199101	1.53508	1.53508	0.912137	0.965736	-1.03548	0.00138521	0.231232	-4.32466
cg02846431	LRPAP1	0.0143517	0.0367205	2.11621	2.11621	0.0796553	0.548343	-1.82368	0.681061	1.13616	1.13616	0.00685733	2.94917	2.94917	0.892358	1.04271	1.04271
cg19956606	LRPAP1	0.0198515	0.00532149	0.585153	-1.70895	0.358655	1.14768	1.14768	0.910078	1.01662	1.01662	0.00914934	0.616878	-1.62107	0.0953282	0.765353	-1.30659
cg13044027	LRPAP1	0.0216654	0.676398	0.943139	-1.06029	0.425427	1.12021	1.12021	0.0277605	1.43734	1.43734	0.173718	0.817213	-1.22367	0.0317713	1.42054	1.42054
cg19827599	LRPAP1	0.024588	0.610037	1.13924	1.13924	0.337897	0.778511	-1.2845	0.241702	0.733035	-1.36419	0.000896313	0.28364	-3.52559	0.199012	1.4105	1.4105
cg09749049	LRPAP1	0.0312733	0.118911	0.792683	-1.26154	0.00598176	0.610664	-1.63756	0.660361	0.941107	-1.06258	0.227999	0.84055	-1.1897	0.120815	0.793786	-1.25978
cg09535718	LRPAP1	0.0329861	0.156067	0.745878	-1.3407	0.0114352	0.542537	-1.84319	0.182667	0.760913	-1.31421	0.228552	0.783356	-1.27656	0.928889	1.0174	1.0174
cg15226248	LRPAP1	0.0375062	0.449585	0.769062	-1.30028	0.00499112	3.54791	3.54791	0.211544	1.56603	1.56603	0.268677	0.675287	-1.48085	0.0259352	0.406152	-2.46213
cg08297640	LRPAP1	0.0388074	0.558444	1.28016	1.28016	0.0759942	2.27994	2.27994	0.161685	1.86586	1.86586	0.863891	1.07424	1.07424	0.0208112	0.313099	-3.19388
cg24026549	LRPAP1;LRPAP1	0.0249997	0.749532	0.949025	-1.05371	0.545213	0.904829	-1.10518	0.21333	1.2387	1.2387	0.475156	1.12594	1.12594	0.282239	0.833164	-1.20024
cg00023288	LRPPRC	6.95E-05	0.745361	1.08597	1.08597	0.4281	1.22721	1.22721	0.674051	1.113	1.113	5.86E-07	0.0306523	-32.624	0.95408	0.985532	-1.01468
cg16140139	LRPPRC	0.00183279	0.251828	0.780327	-1.28151	0.771986	0.941573	-1.06205	0.0116709	0.520469	-1.92134	0.0195408	1.79449	1.79449	0.0116543	0.52037	-1.92171
cg11427928	LRPPRC	0.00427788	0.191762	0.773913	-1.29213	0.103326	0.71861	-1.39157	0.00106046	0.407485	-2.45408	0.858467	1.03366	1.03366	0.00108457	0.408803	-2.44616
cg05369920	LRPPRC	0.00433334	0.338476	0.896916	-1.11493	0.037026	0.765658	-1.30607	0.651231	0.951061	-1.05146	0.792359	1.02952	1.02952	0.781044	1.0312	1.0312
cg08781755	LRPPRC	0.00657903	0.043083	1.64149	1.64149	0.00134012	0.370655	-2.69793	0.179529	0.738183	-1.35468	0.0558346	1.58617	1.58617	0.764561	0.938046	-1.06605
cg13721560	LRPPRC	0.00661859	0.107592	1.26488	1.26488	0.000439769	2.10205	2.10205	0.0578196	1.33241	1.33241	0.415075	1.11792	1.11792	0.185827	1.20648	1.20648
cg27011534	LRPPRC	0.0104639	0.613654	0.909271	-1.09978	0.083902	0.699532	-1.42953	0.00546792	1.97906	1.97906	0.536871	0.889737	-1.12393	0.632466	1.0942	1.0942
cg01357925	LRRC1	0.000579083	0.10823	1.2504	1.2504	0.000725625	0.519199	-1.92605	0.114019	1.24514	1.24514	0.117823	0.805267	-1.24182	0.154179	1.21473	1.21473

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05221544	0.189575	0.809477	-1.23537	0.248867	1.20122	1.20122	0.667233	1.06801	1.06801	0.970239	1.00569	1.00569	4.24706	1.55635	0.325736	1
cg04205432	0.00251328	0.460292	-2.17253	0.000410188	0.354354	-2.82204	0.55712	1.11604	1.11604	0.00966588	0.545849	-1.83201	14.7656	7.99451	0.481268	1
cg00662122	0.137987	1.31806	1.31806	0.000593241	0.399729	-2.50169	0.529211	0.895641	-1.11652	0.0799233	1.39929	1.39929	6.22443	2.9471	0.420865	1
cg24638722	0.114659	0.552908	-1.80862	0.757106	1.1131	1.1131	0.0126679	2.91605	2.91605	0.166084	1.6654	1.6654	4.04272	7.63757	1.6793	1
cg08517286	0.273909	2.18909	2.18909	0.00203527	0.0501282	-19.9489	0.985162	1.01288	1.01288	0.489331	1.62144	1.62144	3.40472	25.5361	6.66685	1
cg27031632	0.840386	0.980778	-1.0196	0.00439406	0.693462	-1.44204	0.000299572	0.567699	-1.7615	0.00190309	0.654826	-1.52712	13.3842	1.96375	0.130419	1
cg04109278	0.304118	0.829786	-1.20513	0.00250238	0.478909	-2.08808	0.842929	1.03539	1.03539	0.532695	1.11716	1.11716	4.11202	2.00165	0.432694	1
cg13038544	0.412056	1.51626	1.51626	0.337581	1.63338	1.63338	0.117159	2.32725	2.32725	0.643241	1.26047	1.26047	3.88773	15.1663	3.46761	1
cg03668470	0.681534	1.2447	1.2447	0.362595	1.6428	1.6428	0.733456	1.19881	1.19881	0.726229	1.20501	1.20501	3.44491	15.3541	3.9618	1
cg11038054	0.00200899	0.37416	-2.67265	2.36E-06	0.0750592	-13.3228	0.0706245	1.57717	1.57717	0.000683175	0.31032	-3.22248	27.8103	22.402	0.716027	1
cg20443778	0.00333517	0.362916	-2.75546	0.0333573	1.87924	1.87924	0.651489	0.891044	-1.12228	0.00415313	2.65054	2.65054	13.4161	13.6764	0.906135	1
cg09174717	0.066144	0.752769	-1.32843	0.00503311	1.66729	1.66729	0.00158151	1.86828	1.86828	0.392823	0.886377	-1.12819	8.53397	2.56594	0.267266	1
cg02311960	0.601108	1.20248	1.20248	0.0664871	0.487066	-2.05311	0.000177929	9.20841	9.20841	0.0113634	3.02747	3.02747	8.39906	16.2535	1.72014	1
cg15664504	0.632745	0.827509	-1.20845	0.0371489	0.38614	-2.58974	0.0123534	3.40418	3.40418	0.161621	0.555548	-1.80003	7.65548	18.7517	2.17729	1
cg01852095	0.00570866	0.555471	-1.80027	0.00374901	1.88658	1.88658	0.506716	0.896486	-1.11547	0.255049	0.824683	-1.21259	5.96443	2.48552	0.370421	1
cg00821600	0.00779453	0.210526	-4.75	0.37677	0.6612	-1.5124	0.445569	0.701399	-1.42572	0.187291	1.89171	1.89171	5.27907	17.3946	2.9289	1
cg02488702	0.193029	0.709505	-1.40943	0.109723	0.647655	-1.54403	0.0501702	0.573326	-1.74421	0.217561	1.38151	1.38151	5.20783	5.1193	0.873778	1
cg26545307	0.318467	1.28872	1.28872	0.0147761	0.478086	-2.09167	0.612569	0.881944	-1.13386	0.0462873	0.570288	-1.7535	5.07293	4.86215	0.851955	1
cg24878483	0.069299	0.425646	-2.34937	0.0589753	0.408061	-2.45061	0.703389	1.17444	1.17444	0.018971	0.302997	-3.30036	4.97499	13.9202	2.48714	1
cg09618674	0.836761	0.953108	-1.0492	0.0466657	1.69941	1.69941	0.559689	0.871699	-1.14719	0.585536	0.879689	-1.13677	4.70174	4.0354	0.762913	1
cg11703179	0.194701	0.830636	-1.2039	0.602277	1.07371	1.07371	0.897563	1.01758	1.01758	0.00255154	0.567686	-1.76154	4.59838	1.33264	0.257605	1
cg05686197	0.086149	0.450754	-2.21851	0.455692	0.726668	-1.37614	0.0616697	2.42179	2.42179	0.76094	0.879643	-1.13682	4.50576	12.6028	2.48625	1
cg00498219	0.209854	0.657591	-1.5207	0.00413578	3.38574	3.38574	0.0654216	1.92693	1.92693	0.383014	1.32809	1.32809	3.96563	6.31856	1.41629	1
cg12456269	0.667752	1.09116	1.09116	0.0788605	0.674175	-1.4833	0.0105661	1.91516	1.91516	0.0782984	1.48464	1.48464	3.80498	2.45981	0.574641	1
cg06382546	0.0703191	0.632187	-1.58181	0.587945	1.13202	1.13202	0.266495	1.30009	1.30009	0.57988	0.880959	-1.13513	3.7725	3.06994	0.72335	1
cg21340845	0.483388	0.774479	-1.29119	0.359881	0.713372	-1.40179	0.36376	1.39778	1.39778	0.189788	0.607564	-1.64592	3.62045	7.38163	1.81233	1
cg03252605	0.45975	0.840157	-1.19025	0.195232	0.728331	-1.373	0.343198	1.25352	1.25352	0.251918	0.758094	-1.3191	3.48013	2.95112	0.75377	1
cg16209652	0.523119	0.923962	-1.0823	0.631162	1.06089	1.06089	0.00867132	0.664414	-1.50509	0.256512	0.865255	-1.15573	3.67573	0.86937	0.210237	1
cg16691888	1.68E-05	0.155189	-6.44374	0.000320316	0.293119	-3.41158	0.240372	0.771806	-1.29566	0.446336	0.849109	-1.17771	15.6129	9.75967	0.625102	1
cg03019033	0.273839	1.18011	1.18011	0.00270217	0.547309	-1.82712	0.0190182	0.661719	-1.51122	0.830342	0.969276	-1.0317	11.1765	3.74396	0.297764	1
cg00726174	0.071947	0.475366	-2.10364	0.0603463	2.19349	2.19349	0.014961	0.324519	-3.08149	0.0347846	2.50269	2.50269	8.11602	14.8112	1.59682	1
cg19962304	0.44323	0.785477	-1.27311	0.0314633	2.17997	2.17997	0.705585	0.88938	-1.12438	0.365923	0.750572	-1.33232	6.29781	9.51578	1.34308	1
cg01329010	0.187663	1.40541	1.40541	0.0261153	0.52553	-1.90284	0.183955	1.40995	1.40995	0.047784	1.73608	1.73608	6.23058	5.86227	0.836344	1
cg03328571	0.104392	0.570806	-1.75191	0.0597008	0.51111	-1.95653	0.0534925	1.99914	1.99914	0.0205849	0.41438	-2.41324	5.1902	8.20086	1.4045	1
cg07069090	0.0272473	0.170473	-5.86602	0.0122369	0.120849	-8.27478	0.189903	0.390605	-2.56013	0.0324014	0.18343	-5.45166	4.409	32.0122	6.45391	1
cg21645864	0.105409	0.760689	-1.3146	0.10754	1.31202	1.31202	0.00224746	1.93739	1.93739	0.00385376	1.82595	1.82595	9.86316	3.73457	0.336567	1
cg13436799	0.0392344	1.38263	1.38263	0.0134637	0.660013	-1.51512	0.880865	0.979839	-1.02058	0.540339	0.919263	-1.08783	6.82236	1.9928	0.259643	1
cg20253302	0.659217	1.09558	1.09558	0.232019	1.2941	1.2941	0.537105	1.13717	1.13717	0.105084	1.43946	1.43946	3.62486	2.42873	0.595574	1
cg20712054	0.000235548	0.220612	-4.53284	0.865584	1.0429	1.0429	0.146934	1.47101	1.47101	0.419027	1.22719	1.22719	25.5682	24.8938	0.865443	1
cg11926604	0.787534	1.03	1.03	0.00441609	1.51564	1.51564	0.71369	0.960474	-1.04115	0.347939	1.11155	1.11155	10.4134	1.97525	0.168608	1
cg08253494	0.019395	0.571771	-1.74895	0.143474	1.36463	1.36463	0.194195	0.762141	-1.31209	0.0894466	0.69052	-1.44818	5.67789	3.51679	0.550563	1
cg03065625	0.000354476	0.255254	-3.91767	0.689905	1.10018	1.10018	0.302526	1.28951	1.28951	0.684558	0.907346	-1.10212	10.7345	9.6348	0.797827	1
cg23595304	0.00526846	0.419565	-2.38342	0.0409832	1.7451	1.7451	0.120684	1.48787	1.48787	0.0106478	0.468549	-2.13425	10.1557	8.96446	0.784626	1
cg08017450	0.0160872	0.329531	-3.03462	0.00604416	0.258862	-3.86307	0.617135	0.827002	-1.20919	0.360033	0.70142	-1.42568	7.63978	17.1854	1.99953	1
cg09242181	0.104668	0.677407	-1.47622	0.00150423	0.366248	-2.73039	0.304265	0.791636	-1.26321	0.155678	0.716334	-1.396	4.27558	3.26583	0.678962	1
cg12627354	0.178424	0.452248	-2.21117	0.00393868	0.116149	-8.60967	0.111856	0.382516	-2.61427	0.0257361	0.229906	-4.3496	3.98614	19.4478	4.33677	1
cg09819791	0.181887	0.689432	-1.45047	0.035295	0.525514	-1.9029	0.132296	0.652928	-1.53156	0.733588	0.914242	-1.0938	3.88471	4.23772	0.969663	1
cg23062006	0.918889	1.0146	1.0146	0.710023	0.948232	-1.05459	0.441339	1.11822	1.11822	0.873324	0.977547	-1.02297	3.42353	1.09826	0.285153	1
cg09203240	1.96E-06	0.203243	-4.92021	1.70E-05	0.302711	-3.30348	0.0279679	0.703605	-1.42125	0.000141902	0.411256	-2.43157	51.4902	14.9468	0.25803	1
cg01657329	0.397276	0.947733	-1.05515	2.54E-05	1.67798	1.67798	0.0589426	0.876256	-1.14122	0.35579	1.06059	1.06059	22.9724	1.39559	0.0540008	1
cg12016746	0.013516	0.550838	-1.81542	3.97E-06	0.123436	-8.10138	0.817247	0.955851	-1.04619	0.00129513	0.400811	-2.49494	22.5143	13.5678	0.535674	1
cg14083356	0.234271	1.13553	1.13553	0.15282	1.16892	1.16892	5.61E-05	0.466142	-2.14527	0.433658	0.921787	-1.08485	21.1167	3.47522	0.146286	1
cg25890936	0.00577739	0.506742	-1.97339	0.000168464	0.300192	-3.3312	0.0658669	0.678474	-1.4739	0.0243635	0.603922	-1.65584	17.1903	9.61859	0.497366	1
cg25380755	0.00128544	1.35288	1.35288	0.000524069	1.41643	1.41643	0.154571	0.906525	-1.10311	0.00587436	0.792793	-1.26136	16.9619	1.11431	0.0583954	1
cg22799110	0.289152	0.875336	-1.14242	0.0762575	1.26958	1.26958	0.122534	0.816689	-1.22446	0.00166184	0.580157	-1.72367	12.0677	2.79879	0.206155	1
cg05754939	0.00321489	0.230903	-4.33082	0.00020223	0.103073	-9.70189	0.00947047	0.301659	-3.315	0.00249803	0.216257	-4.62412	11.7939	24.8198	1.87064	1
cg05570937	0.887449	0.982964	-1.01733	0.000105571	2.29536	2.29536	0.380529	0.896603	-1.11532	0.481271	1.09074	1.09074	11.2263	2.61767	0.207264	1
cg18440777	0.270789	1.13331	1.13331	0.0276678	1.32862	1.32862	0.201896	0.863229	-1.15844	0.0808759	0.809555	-1.23525	11.101	2.09441	0.167706	1
cg02221422	0.548163	1.15583	1.15583	0.112681	1.50913	1.50913	0.518307	1.16891	1.16891	0.0321969	0.549971	-1.81828	10.3824	9.33985	0.799627	1
cg19658487	0.00780216	0.357641	-2.7961	0.000131524	0.135659	-7.37141	0.0146801	0.404797	-2.47037	0.18085	0.651985	-1.53378	10.1334	14.5459	1.27594	1
cg16365302	0.00316004	2.13708	2.13708	0.125244	1.36678	1.36678	0.335078	0.829293	-1.20585	0.0118003	0.553156	-1.80781	9.69328	5.44324	0.499154	1
cg09164911	0.0108598	0.770963	-1.29708	0.000428411	1.57355	1.57355	0.236033	0.903947	-1.10626	0.431428	1.06748	1.06748	9.40466	0.985134	0.0931108	1
cg03035359	0.218345	1.17086	1.17086	0.584271	1.06963	1.06963	0.186415	0.843123	-1.18607	0.0324582	0.737117	-1.35664	9.17397	2.15637	0.208936	1
cg18894028	0.173691	0.887564	-1.12668	0.126304	1.14602	1.14602	0.299236	0.915159	-1.09271	0.647673	0.962794	-1.03864	8.05037	0.86579	0.0955969	1
cg08127021	0.00089018	0.352262	-2.8388	0.0674854	0.650868	-1.53641	0.313427	0.803678	-1.24428	0.00994717	0.505374	-1.97873	7.80708	5.43331	0.618619	1
cg26915558	0.0635707	0.630078	-1.5871	0.0743779	1.55309	1.55309	0.722306	1.08223	1.08223	0.387889	0.822028	-1.2165	7.09008	5.50672	0.690382	1
cg13894813	0.744321	1.10455	1.10455	0.755112	1.09974	1.09974	0.328858	0.736226	-1.35828	0.230872	0.682561	-1.46507	6.89794	10.0869	1.29983	1
cg02606728	0.00316402	0.449488	-2.22475	0.109056	1.41418	1.41418	0.826022	0.957283	-1.04462	0.00200774	0.421247	-2.3739	6.84326	4.26235	0.553647	1
cg14245804	0.0860439	0.176525	-5.66492	0.011316	0.0550321	-18.1712	0.00596591	0.0373787	-26.7532	0.05062	0.130486	-7.66364	6.65222	88.0689	11.768	1
cg27155168	0.941525	1.02416	1.02416	0.245699	1.48453	1.48453	0.179646	1.59008	1.59008	0.979078	1.00857	1.00857	6.60127	11.0713	1.4908	1
cg04265051	0.550214	0.741131	-1.34929	0.494027	1.41087	1.41087	0.0026475	7.85566	7.85566	0.450273	1.46412	1.46412	6.41032	24.9365	3.45783	1
cg12884141	0.557761	0.934175	-1.07046	0.611153	0.942806	-1.06066	0.046186	1.30002	1.30002	0.563058	0.935048	-1.06946	6.29435	1.31521	0.185734	1
cg27068965	0.137533	0.7598	-1.31614	0.000815021	2.37953	2.37953	0.801271	0.957605	-1.04427	0.122644	1.33285	1.33285	6.10784	2.8538	0.415321	1
cg20310100	0.0961309	0.448367	-2.23032	0.0207474	0.294567	-3.39481	0.00428456	0.186889	-5.35076	0.027641	0.318818	-3.13658	6.06711	18.5182	2.71309	1
cg26525861	0.436281	1.09173	1.09173	0.000133604	2.07835	2.07835	0.71074	1.04202	1.04202	0.367725	1.10765	1.10765	6.01582	1.16342	0.171906	1
ch.11.1416715F	0.522473	0.797098	-1.25455	0.106993	0.540303	-1.85081	0.138846	0.572693	-1.74614	0.423701	0.751359	-1.33092	5.84155	11.3246	1.72322	1
cg24252148	0.373928	0.641514	-1.55881	0.0281209	0.283283	-3.53004	0.00307263	0.139269	-7.18035	0.0555124	0.34801	-2.87348	5.11988	17.0518	3.33051	1
cg01475008	0.0207721	1.52551	1.52551	0.0712517	1.35758	1.35758	0.370194	1.14984	1.14984	0.146421	0.789363	-1.26684	4.86332	1.77323	0.324102	1
cg23256899	0.712413	1.10092	1.10092	0.623674	1.13703	1.13703	0.995374	0.998496	-1.00151	0.508276	0.840069	-1.19038	4.70799	5.028	0.949306	1
cg20278269	0.114061	0.320242	-3.12264	0.00334365	0.0709908	-14.0863	0.0720213	0.264431	-3.7817	0.108772	0.313912	-3.18561	4.48789	31.1871	6.17704	1
cg03064005	0.458479	0.780646	-1.28099	0.541011	0.816281	-1.22507	0.0129645	0.363639	-2.74998	0.0909168	0.542862	-1.84209	4.45592	7.59399	1.51489	1
cg15750611	0.153049	0.749992	-1.33335	0.00362077	2.09659	2.09659	0.356625	0.836727	-1.19513	0.436852	0.861459	-1.16082	4.44711	2.48972	0.497645	1
cg18031326	0.935687	1.03466	1.03466	0.34773	1.50407	1.50407	0.0162266	3.45985	3.45985	0.698115	1.17886	1.17886	4.34681	12.2704	2.50921	1
cg25781963	0.0342733	1.93681	1.93681	0.0177521	0.462267	-2.16325	0.897221	1.0352	1.0352	0.0988212	1.62321	1.62321	4.24262	4.81366	1.00853	1
cg12418739	0.111945	0.814553	-1.22767	0.0394194	1.32625	1.32625	0.0204778	0.718272	-1.39223	0.100263	1.23786	1.23786	4.17729	0.929033	0.19769	1
cg02011476	0.454971	0.769928	-1.29882	0.0278149	0.409313	-2.44312	0.402385	0.744958	-1.34236	0.632117	1.18024	1.18024	4.09136	7.6484	1.66169	1
cg16980426	0.776091	1.03677	1.03677	0.00459131	1.61251	1.61251	0.085221	0.785861	-1.27249	0.8955	0.983496	-1.01678	4.05228	1.0292	0.225761	1
cg21916461	0.60763	0.877434	-1.13969	0.849515	0.953176	-1.04912	0.0158938	2.10769	2.10769	0.17933	0.697601	-1.43348	3.98246	4.02024	0.897321	1
cg23972551	0.94173	1.01275	1.01275	0.872375	0.972513	-1.02826	0.579763	0.907584	-1.10183	0.0100734	1.75594	1.75594	3.95621	1.88332	0.423148	1
cg22151881	0.438374	0.778702	-1.28419	0.00996151	0.357038	-2.80082	0.548997	0.825407	-1.21152	0.12761	0.593744	-1.68423	3.893	6.17392	1.40969	1
cg05984508	0.215672	0.726238	-1.37696	0.00571532	0.410846	-2.434	0.142368	1.47274	1.47274	0.0875493	0.629415	-1.58878	3.85252	3.6766	0.8483	1
cg07985116	0.745278	1.20395	1.20395	0.762304	0.841369	-1.18854	0.442419	1.56198	1.56198	0.614075	1.33579	1.33579	3.67011	18.8455	4.5643	1
cg16409259	0.154437	0.776703	-1.28749	0.0218321	0.633667	-1.57812	0.873843	0.974002	-1.02669	0.221257	0.808029	-1.23758	3.64627	1.58709	0.386901	1
cg08648997	0.934467	0.962383	-1.03909	0.118188	0.453421	-2.20546	0.228558	0.554774	-1.80254	0.582228	0.771785	-1.2957	3.58456	12.341	3.06028	1
cg04416431	0.629077	0.907687	-1.1017	6.58E-05	0.232914	-4.29342	0.825289	1.04498	1.04498	0.103396	0.701551	-1.42541	12.7574	8.00103	0.557483	1
cg08672488	0.125949	1.4845	1.4845	0.416624	1.21906	1.21906	0.604518	0.882793	-1.13277	0.350623	0.795151	-1.25762	3.67716	3.31554	0.801473	1
cg13751923	0.0313344	1.65515	1.65515	0.0619159	1.52108	1.52108	0.713211	0.928996	-1.07643	0.0973511	0.695611	-1.43758	3.52838	2.22433	0.560367	1
cg18606700	0.0791159	0.396596	-2.52145	0.260429	0.573002	-1.74519	0.854742	1.09083	1.09083	0.477604	0.70996	-1.40853	3.50159	12.4815	3.16846	1
cg21956815	0.19259	1.165	1.165	0.000310809	1.91144	1.91144	0.949358	0.992991	-1.00706	0.918189	1.01144	1.01144	21.7343	4.22167	0.172658	1
cg04958496	0.0188347	0.333833	-2.99551	0.00168701	0.177194	-5.64354	0.00334895	0.21452	-4.66156	0.00156478	0.1734	-5.76702	10.8924	25.6482	2.09305	1
cg14376761	0.22054	0.711101	-1.40627	0.00829189	0.409252	-2.44348	0.867102	1.04533	1.04533	0.0254977	0.495262	-2.01913	4.86143	5.39496	0.986443	1
cg04051152	0.227785	0.73184	-1.36642	0.00934241	0.443553	-2.25452	0.00808629	0.433276	-2.308	0.696016	0.907716	-1.10167	3.94837	3.80256	0.856061	1
cg00093149	0.481464	0.79735	-1.25415	0.269298	0.694816	-1.43923	0.602521	0.846798	-1.18092	0.018053	0.402908	-2.48196	3.68704	5.84941	1.4102	1
cg10311602	0.0004165	0.296083	-3.37743	0.055421	1.60326	1.60326	0.484333	0.85683	-1.16709	0.00275493	0.407361	-2.45483	14.3966	10.7778	0.665453	1
cg22819171	0.00758758	0.484439	-2.06424	0.0161955	0.537524	-1.86038	0.00285194	2.37881	2.37881	0.642467	1.10371	1.10371	9.12721	6.43939	0.627125	1
cg21609024	0.00265668	0.411951	-2.42747	0.00182383	0.388591	-2.5734	0.0402744	0.603183	-1.65787	0.0038505	0.43563	-2.29552	7.90002	5.69572	0.640866	1
cg04997235	0.0324828	1.50118	1.50118	0.00273007	1.95703	1.95703	0.430586	0.877598	-1.13947	0.835352	1.03435	1.03435	7.77818	3.24471	0.370805	1
cg19729914	0.12866	0.660704	-1.51354	0.450239	0.823522	-1.2143	0.0522308	0.572785	-1.74586	0.0390516	1.82727	1.82727	6.31728	6.37284	0.896707	1
cg16429063	0.358384	0.669875	-1.49282	0.00877137	0.242654	-4.1211	0.918164	0.957337	-1.04456	0.021573	0.310152	-3.22423	5.93268	16.9101	2.53363	1
cg19745317	0.530962	1.1823	1.1823	0.520258	1.18764	1.18764	0.110243	0.631739	-1.58293	0.315601	0.760497	-1.31493	5.6656	6.24703	0.980111	1
cg11662671	0.284416	1.27795	1.27795	0.418094	0.833186	-1.20021	0.31582	1.25702	1.25702	0.209732	1.33852	1.33852	5.49928	4.23681	0.684826	1
cg23205521	0.862912	0.968348	-1.03269	0.0747848	1.44679	1.44679	0.0361889	1.57355	1.57355	0.217998	0.785713	-1.27273	4.28974	2.3531	0.487592	1
cg02502132	0.957921	0.989919	-1.01018	0.00206795	0.434756	-2.30014	0.22095	0.781076	-1.28029	0.195569	0.768861	-1.30062	4.23051	2.47055	0.519097	1
cg08858793	0.0451907	1.38889	1.38889	0.00766345	1.63228	1.63228	0.783132	0.961324	-1.04023	0.539742	1.09281	1.09281	3.9024	1.26319	0.287729	1
cg24904278	0.126442	0.768367	-1.30146	1.84E-06	0.150889	-6.6274	0.0564516	1.41085	1.41085	0.0555772	0.707698	-1.41303	21.3694	8.59618	0.357569	1
cg20494878	0.585012	0.883962	-1.13127	0.0206775	1.86492	1.86492	0.00848251	2.12033	2.12033	0.0924831	1.51308	1.51308	10.6039	8.40197	0.704311	1
cg27321949	0.00494917	0.412902	-2.42188	0.0423239	1.74338	1.74338	0.0415721	1.748	1.748	0.252556	0.752724	-1.32851	10.3287	9.24106	0.795287	1
cg01298004	0.039335	0.717039	-1.39462	0.129212	0.795542	-1.25701	0.621801	1.07184	1.07184	0.000194343	0.416944	-2.3984	7.66927	2.3644	0.274041	1
cg00213119	0.636557	1.1146	1.1146	0.03168	1.77557	1.77557	0.949246	0.985595	-1.01462	0.397477	0.820796	-1.21833	6.99734	5.75776	0.731422	1
cg21315176	0.935368	0.976453	-1.02411	0.00778215	0.366423	-2.72908	0.777501	0.920135	-1.0868	0.0281343	0.466821	-2.14215	6.93383	9.47948	1.21523	1
cg25201363	0.0621145	2.16707	2.16707	0.000855245	6.32459	6.32459	0.00706471	3.60366	3.60366	0.105507	1.91783	1.91783	6.77085	14.5401	1.90884	1
cg22066108	0.00227936	4.31871	4.31871	0.00322344	3.96691	3.96691	0.00747724	3.25655	3.25655	0.104332	1.83814	1.83814	6.18985	11.5237	1.65486	1
cg17266278	0.889082	0.954282	-1.04791	0.35839	0.728536	-1.37262	0.0010498	5.08311	5.08311	0.186319	1.59975	1.59975	5.95783	10.6116	1.58322	1
cg01324212	0.0307468	0.25672	-3.89529	0.00203306	0.0971737	-10.2909	0.136196	0.422984	-2.36415	0.0371769	0.273521	-3.65603	5.60284	25.4823	4.04277	1
cg16784566	0.513523	0.81116	-1.2328	0.604063	1.17968	1.17968	0.834819	1.06818	1.06818	0.917767	1.03316	1.03316	5.27814	8.3403	1.40459	1
cg02846431	0.794084	1.08415	1.08415	0.301773	1.39161	1.39161	0.00170857	3.98842	3.98842	0.0408592	2.07325	2.07325	5.2568	7.94375	1.34323	1
cg19956606	0.234046	0.83356	-1.19967	0.172727	0.80916	-1.23585	0.946112	0.990184	-1.00991	0.0260855	1.47004	1.47004	4.71649	1.59076	0.299801	1
cg13044027	0.0380112	1.3986	1.3986	0.269029	1.17415	1.17415	0.0135361	0.652972	-1.53146	0.121815	0.791436	-1.26353	4.57793	1.4103	0.273835	1
cg19827599	0.309162	0.76588	-1.30569	0.180666	1.43367	1.43367	0.227611	1.37848	1.37848	0.584883	0.869533	-1.15004	4.38247	4.45787	0.904182	1
cg09749049	0.337745	0.873141	-1.14529	0.0103952	1.5573	1.5573	0.14961	0.808907	-1.23624	0.997393	1.00045	1.00045	4.0268	1.20172	0.265271	1
cg09535718	0.050623	0.650277	-1.53781	0.0166636	1.75906	1.75906	0.340554	0.82715	-1.20897	0.0500246	0.64935	-1.54	3.95065	2.33578	0.525546	1
cg15226248	0.730118	0.88868	-1.12526	0.125308	1.76017	1.76017	0.769826	1.10516	1.10516	0.267659	0.674675	-1.48219	3.77112	6.93691	1.6351	1
cg08297640	0.0114397	0.26691	-3.74659	0.706027	0.853713	-1.17135	0.0782694	2.26247	2.26247	0.736462	0.868508	-1.1514	3.72434	10.2753	2.4524	1
cg24026549	0.640347	0.926017	-1.07989	0.00054134	0.41537	-2.40749	0.577336	1.09632	1.09632	0.38441	1.15682	1.15682	4.35725	1.84128	0.375625	1
cg00023288	0.916525	1.02689	1.02689	0.169676	1.44803	1.44803	0.576541	0.866945	-1.15348	0.380952	0.796579	-1.25537	24.3953	24.7458	0.901661	1
cg16140139	0.877771	0.968615	-1.0324	0.000515043	0.325301	-3.07407	0.0161454	1.84012	1.84012	0.00384038	0.446042	-2.24194	9.88984	6.72442	0.604384	1
cg11427928	0.589559	0.903923	-1.10629	0.949669	0.988361	-1.01178	0.00632658	0.517175	-1.93358	0.00214338	0.449479	-2.2248	7.69484	4.19189	0.484237	1
cg05369920	0.929022	0.990225	-1.00987	0.000177162	0.496211	-2.01527	0.038243	1.30317	1.30317	0.032361	1.3182	1.3182	7.66489	1.47589	0.171157	1
cg08781755	0.0874144	1.49451	1.49451	0.00456665	2.23487	2.23487	0.422568	1.19057	1.19057	0.952642	0.987433	-1.01273	6.74403	4.84282	0.638302	1
cg13721560	0.0513211	1.34568	1.34568	0.00748797	0.630872	-1.58511	0.364768	1.13271	1.13271	0.384264	1.12679	1.12679	6.73148	1.90877	0.252053	1
cg27011534	0.00122381	0.413236	-2.41993	0.252597	0.799906	-1.25015	0.593627	1.10586	1.10586	0.126524	1.3618	1.3618	5.82536	3.22033	0.491388	1
cg01357925	0.399395	0.895821	-1.11629	5.83E-05	0.386815	-2.58522	0.0565768	0.759394	-1.31684	0.00130897	0.550645	-1.81605	13.7189	3.53338	0.228938	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15286372	LRRC1	0.00420688	0.00373651	1.31782	1.31782	0.641032	0.967445	-1.03365	0.0373431	1.18567	1.18567	0.00215927	0.738216	-1.35462	0.116267	0.886653	-1.12784	0.364528	1.06788	1.06788	0.0319086	0.837601	-1.19389	0.365302	0.936541	-1.06776	0.0196355	1.2198	1.2198	7.73388	0.608483	0.0699356	1
cg01113538	LRRC1	0.00684493	0.147112	0.810485	-1.23383	0.138938	0.806452	-1.24	0.254845	0.851665	-1.17417	0.550042	0.921573	-1.0851	0.274366	0.857612	-1.16603	0.201225	0.83336	-1.19996	6.48E-05	0.371178	-2.69412	0.434447	0.897891	-1.11372	0.115094	0.793433	-1.26035	6.66145	1.92432	0.256777	1
cg27284041	LRRC1	0.0071005	0.433708	1.25322	1.25322	0.000128979	6.5542	6.5542	0.560337	1.18102	1.18102	0.0485274	0.529002	-1.89035	0.898001	0.964412	-1.0369	0.363238	1.30216	1.30216	0.232244	1.42472	1.42472	0.185236	1.4873	1.4873	0.931395	0.975965	-1.02463	6.58577	8.32707	1.12391	1
cg26777809	LRRC1	0.0136198	0.504171	1.18246	1.18246	0.917719	1.02588	1.02588	0.337436	0.783078	-1.27701	0.346658	1.27077	1.27077	0.00081748	0.287258	-3.48119	0.0608714	1.68611	1.68611	0.020697	1.99132	1.99132	0.394386	1.24073	1.24073	0.968171	1.00991	1.00991	5.348	5.17836	0.860692	1
cg11306969	LRRC1	0.0172368	0.435272	0.885239	-1.12964	0.372653	1.15045	1.15045	0.831097	1.03325	1.03325	0.00330981	0.541933	-1.84525	0.0264825	0.668407	-1.49609	0.0135412	0.626287	-1.59671	0.713078	0.945012	-1.05819	0.0361087	1.45242	1.45242	0.585537	1.08798	1.08798	4.94652	1.8371	0.330126	1
cg17671035	LRRC1	0.0474537	0.643064	0.852734	-1.1727	0.00162449	0.214023	-4.67239	0.0507655	0.46778	-2.13776	0.541239	0.809672	-1.23507	0.851316	1.06615	1.06615	0.491595	0.787836	-1.2693	0.179098	1.62776	1.62776	0.689165	1.14712	1.14712	0.975784	0.989692	-1.01042	3.45587	6.37816	1.64053	1
cg16051792	LRRC10	0.0130387	0.404449	0.899033	-1.11231	0.0436377	0.748705	-1.33564	0.00060726	0.517206	-1.93347	0.59057	0.934479	-1.07011	0.996763	1.00051	1.00051	0.985048	0.997665	-1.00234	0.0278844	1.38294	1.38294	0.375344	0.892686	-1.12022	0.248754	1.16233	1.16233	5.42487	1.3375	0.219156	1
cg22689597	LRRC10	0.0416635	0.0593698	0.665135	-1.50345	0.00608621	0.503521	-1.98602	0.012357	0.550603	-1.81619	0.172179	0.756988	-1.32103	0.732363	1.06798	1.06798	0.998107	0.999546	-1.00045	0.24133	0.790588	-1.26488	0.984301	1.00378	1.00378	0.0221063	0.591114	-1.69172	3.62812	2.10911	0.516732	1
cg14431577	LRRC10;LRRC10	0.000459838	0.000382162	0.240144	-4.16417	0.213487	0.719285	-1.39027	0.0862656	0.62082	-1.61077	2.18E-05	0.116887	-8.55524	0.0358986	0.541204	-1.84773	0.00380526	0.374681	-2.66894	0.475186	1.20039	1.20039	0.641788	0.888838	-1.12506	0.00101294	0.293317	-3.40928	14.626	14.6552	0.890663	1
cg04738151	LRRC10;LRRC10	0.0126095	0.0965028	0.815807	-1.22578	0.0100494	0.695963	-1.43686	0.211242	0.863346	-1.15828	0.813553	0.973987	-1.02671	0.0622147	0.791205	-1.2639	0.577789	1.06474	1.06474	0.00144515	1.67134	1.67134	0.823359	0.975366	-1.02526	0.24552	0.873272	-1.14512	5.48444	1.08108	0.175216	1
cg15693248	LRRC10;LRRC10	0.0247458	0.770933	1.04884	1.04884	0.154104	0.779431	-1.28299	0.0172827	0.622734	-1.60582	0.489271	1.12157	1.12157	0.00921835	0.582823	-1.71579	0.0160675	0.618031	-1.61804	0.104358	1.33639	1.33639	0.5122	0.897116	-1.11468	0.0443119	0.685713	-1.45834	4.37274	1.84744	0.375547	1
cg09656848	LRRC10B	6.58E-05	0.327809	1.2649	1.2649	0.396319	1.22395	1.22395	0.29306	0.775878	-1.28886	0.358103	1.2459	1.2459	0.579927	1.1389	1.1389	8.00E-07	21.7005	21.7005	0.00502301	0.421697	-2.37137	0.103555	1.51312	1.51312	0.321327	0.787909	-1.26918	24.754	21.2196	0.761973	1
cg02674352	LRRC10B	0.0043537	0.0109473	0.329945	-3.03081	0.00157925	0.206894	-4.8334	0.000398024	0.141236	-7.08035	0.912424	0.962517	-1.03894	0.0367785	0.43069	-2.32186	0.913565	0.962999	-1.03842	0.149575	1.71005	1.71005	0.142755	0.578676	-1.72808	0.263873	0.667363	-1.49844	7.65402	14.617	1.69752	1
cg06964190	LRRC10B	0.0137983	0.296313	0.717337	-1.39404	0.331631	0.735442	-1.35973	0.0133596	0.390577	-2.56032	0.174091	0.641734	-1.55828	0.00048539	0.186767	-5.35426	0.688599	0.883744	-1.13155	0.0457039	0.495202	-2.01938	0.259419	1.43467	1.43467	0.0955827	0.570259	-1.75359	5.32521	7.93762	1.32496	1
cg05487664	LRRC10B	0.0172585	0.0667057	2.99802	2.99802	0.029129	3.94775	3.94775	0.144096	2.31187	2.31187	0.21103	2.02135	2.02135	0.556095	1.37432	1.37432	0.0381997	3.60721	3.60721	0.000976117	13.7297	13.7297	0.00717797	6.38272	6.38272	0.0448742	3.41953	3.41953	4.94445	22.3345	4.01519	1
cg26786382	LRRC10B	0.0406096	0.0808563	2.79168	2.79168	0.185441	2.10579	2.10579	0.456559	1.495	1.495	0.313954	1.73723	1.73723	0.162143	2.20682	2.20682	0.0475491	3.32637	3.32637	0.00185132	10.419	10.419	0.0198742	4.44133	4.44133	0.0757419	2.85281	2.85281	3.66266	16.3151	3.95952	1
cg25595636	LRRC10B;LRRC10B	0.00220556	0.0173295	1.41526	1.41526	0.294164	1.13928	1.13928	0.210523	0.85375	-1.1713	0.000140028	2.19906	2.19906	0.594259	0.937601	-1.06655	0.00964337	1.4808	1.4808	0.00156806	1.72354	1.72354	0.659685	0.94828	-1.05454	0.228427	1.16357	1.16357	9.37037	2.1313	0.202179	1
cg03949978	LRRC14	0.0330901	0.027955	0.5835	-1.7138	0.0211762	0.56277	-1.77692	0.982251	1.00463	1.00463	0.462091	1.16801	1.16801	0.00180604	0.398311	-2.5106	0.738974	0.932981	-1.07183	0.356707	0.821484	-1.21731	0.592414	0.893955	-1.11862	0.703798	1.08246	1.08246	3.94618	2.6895	0.605816	1
cg19682134	LRRC14;LRRC24	0.00387577	0.109869	1.67576	1.67576	0.00124085	4.04751	4.04751	0.00369284	3.19741	3.19741	0.0186493	2.32735	2.32735	0.266391	1.40923	1.40923	0.943393	0.979184	-1.02126	0.870723	0.952899	-1.04943	0.000431464	5.20433	5.20433	0.0270725	2.17109	2.17109	7.92746	11.0176	1.23538	1
cg26466258	LRRC14B	0.00176752	0.196306	0.511185	-1.95624	0.0124856	0.217307	-4.60179	0.00302776	0.135926	-7.35695	0.117099	0.433424	-2.30721	8.32E-05	0.0308353	-32.4304	0.0476865	0.328856	-3.04084	0.0144971	0.227802	-4.38978	0.818793	1.1193	1.1193	0.00147402	0.105002	-9.52359	9.99441	38.1795	3.39563	1
cg14465344	LRRC14B	0.00314641	0.792816	0.944424	-1.05885	0.414716	0.834347	-1.19854	0.132818	1.42231	1.42231	0.261638	0.775476	-1.28953	5.20E-05	0.193269	-5.17414	0.928199	0.980613	-1.01977	0.201225	1.34071	1.34071	0.615435	1.1163	1.1163	0.0706421	0.644791	-1.55089	8.43778	6.30572	0.664285	1
cg24883374	LRRC14B	0.00327255	0.00143903	0.445035	-2.24701	0.0113315	0.57281	-1.74578	0.0285323	0.635017	-1.57476	0.860954	0.96966	-1.03129	0.000329032	0.36085	-2.77123	0.759225	0.94741	-1.05551	0.099912	1.37275	1.37275	0.547693	1.11284	1.11284	0.512198	0.889752	-1.12391	8.33954	4.07866	0.434734	1
cg19858576	LRRC14B	0.0111298	0.0296086	4.64203	4.64203	0.00566209	8.8111	8.8111	0.0576249	3.62168	3.62168	0.168752	2.40851	2.40851	0.172389	2.38837	2.38837	0.0661093	3.4409	3.4409	0.00114465	17.5708	17.5708	0.00453454	9.6485	9.6485	0.0282898	4.72193	4.72193	5.71088	32.5	5.05857	1
cg13787932	LRRC14B	0.0144273	0.0490258	2.93423	2.93423	0.0153081	4.16236	4.16236	0.0693591	2.64622	2.64622	0.222428	1.84814	1.84814	0.707319	0.834713	-1.19802	0.0270624	3.50307	3.50307	0.000956383	10.5611	10.5611	0.0143998	4.24114	4.24114	0.0913455	2.43666	2.43666	5.2477	19.0692	3.23006	1
cg05760882	LRRC14B	0.0155829	0.153771	0.645469	-1.54926	0.398842	1.28097	1.28097	0.479175	0.813647	-1.22903	0.65456	0.878881	-1.13781	0.00154026	0.270882	-3.69164	0.39916	1.28074	1.28074	0.00330663	0.317579	-3.14882	0.263021	1.39727	1.39727	0.895882	1.03825	1.03825	5.11569	6.65832	1.15693	1
cg18443893	LRRC14B	0.0463872	0.104702	2.2731	2.2731	0.0205596	3.63968	3.63968	0.347656	1.56481	1.56481	0.356652	1.55116	1.55116	0.279075	0.59386	-1.6839	0.0759867	2.49524	2.49524	0.00516405	5.52834	5.52834	0.0456315	2.88997	2.88997	0.267229	1.70781	1.70781	3.48559	11.8369	3.01864	1
cg07368062	LRRC15;LRRC15	0.000188975	0.0642225	1.30197	1.30197	0.00096841	0.53622	-1.86491	0.179914	0.834665	-1.19809	0.137145	0.816135	-1.22529	3.43E-06	0.249795	-4.00329	0.536873	0.923716	-1.08258	0.0774417	1.28283	1.28283	0.522732	0.921089	-1.08567	0.315502	0.876607	-1.14076	18.6556	4.75757	0.226685	1
cg13321259	LRRC15;LRRC15	0.000463605	0.249525	1.2145	1.2145	0.0111214	1.67191	1.67191	0.738419	0.94732	-1.05561	0.577787	1.09505	1.09505	0.00866498	0.582564	-1.71655	0.000279308	2.61113	2.61113	0.00351183	0.527679	-1.89509	0.000224307	2.695	2.695	0.023965	1.54484	1.54484	14.593	6.02626	0.367072	1
cg19531604	LRRC15;LRRC15	0.000585356	0.000100531	0.278993	-3.58432	0.0123595	0.56181	-1.77996	0.0524931	0.664866	-1.50406	0.802813	0.954738	-1.04741	0.00021164	0.317798	-3.14665	0.00845311	0.536618	-1.86352	0.0476311	1.52096	1.52096	0.267645	0.807534	-1.23834	0.00123976	0.417345	-2.3961	13.6778	7.42393	0.482465	1
cg02750850	LRRC15;LRRC15	0.0012661	0.0106624	0.772452	-1.29458	0.000326785	1.59514	1.59514	0.16857	1.12523	1.12523	0.508983	0.947546	-1.05536	0.0287371	0.812643	-1.23055	0.812436	1.0193	1.0193	0.00378861	1.36906	1.36906	0.00474907	0.739654	-1.35198	0.317259	0.920219	-1.0867	11.0019	1.127	0.0910543	1
cg02469330	LRRC15;LRRC15	0.00448271	0.178627	1.49168	1.49168	0.0550522	1.83817	1.83817	0.321793	0.750925	-1.33169	0.947461	1.01861	1.01861	0.958318	1.01473	1.01473	0.0167626	2.26369	2.26369	0.0554392	0.544683	-1.83593	0.000205582	5.69933	5.69933	0.0331561	2.00763	2.00763	7.58658	9.4105	1.10259	1
cg02121427	LRRC15;LRRC15	0.00657479	0.0194306	0.429487	-2.32836	0.291988	0.721062	-1.38684	0.00416512	0.317074	-3.15383	0.21225	0.675029	-1.48142	0.000443734	0.190437	-5.25107	0.181937	0.654566	-1.52773	0.00297095	0.2954	-3.38524	0.989772	1.00384	1.00384	0.370972	0.759742	-1.31624	6.74538	9.55773	1.25949	1
cg24952584	LRRC15;LRRC15	0.0068361	0.664745	0.922676	-1.0838	0.167917	0.762426	-1.3116	0.0652172	0.682463	-1.46528	0.842465	1.03741	1.03741	0.120293	0.732695	-1.36482	0.492955	1.13714	1.13714	0.000134063	0.294842	-3.39164	0.169247	0.763155	-1.31035	0.0163391	0.581686	-1.71914	6.66413	3.59544	0.479574	1
cg02261771	LRRC15;LRRC15	0.00728595	0.243351	1.35503	1.35503	0.0637308	1.67992	1.67992	0.930206	1.02204	1.02204	0.223837	0.727565	-1.37445	0.379563	0.799037	-1.25151	0.0112246	2.20492	2.20492	0.938929	0.98111	-1.01925	0.00034914	4.18221	4.18221	0.023415	1.96202	1.96202	6.53294	6.40902	0.872028	1
cg07048348	LRRC15;LRRC15	0.0145534	0.036548	0.476917	-2.0968	0.753933	1.10056	1.10056	0.0544589	0.514316	-1.94433	0.527768	1.21524	1.21524	0.001621	0.252414	-3.96174	0.908813	0.965688	-1.03553	0.00398069	0.307353	-3.25359	0.400478	1.29986	1.29986	0.476285	0.80195	-1.24696	5.23267	7.69551	1.30726	1
cg00000721	LRRC16A	0.00185764	0.388323	1.23553	1.23553	0.121596	1.49403	1.49403	0.0909391	1.56121	1.56121	0.131763	1.47577	1.47577	0.000753754	0.294556	-3.39494	0.587039	1.14018	1.14018	0.00074307	0.293751	-3.40424	0.858019	0.958068	-1.04377	0.00333028	0.384443	-2.60117	9.85125	8.92838	0.805617	1
cg11924638	LRRC16A	0.00245507	0.0318653	0.562098	-1.77905	0.243072	1.32285	1.32285	0.590787	0.883091	-1.13239	0.357836	0.805268	-1.24182	0.000175127	0.232679	-4.29778	0.432304	1.20148	1.20148	0.000792502	0.313132	-3.19355	0.1623	0.710551	-1.40736	0.015918	0.508546	-1.96639	9.08036	7.54454	0.738545	1
cg03262105	LRRC16A	0.00740198	0.00619755	16.7504	16.7504	0.0114921	11.9306	11.9306	0.155827	3.19166	3.19166	0.00280204	26.6673	26.6673	0.0015107	39.3384	39.3384	0.167782	3.07391	3.07391	?	?	?	0.0120901	11.6113	11.6113	0.910767	1.0885	1.0885	7.59388	59.8683	6.89828	1
cg04682791	LRRC16A	0.00748995	0.0701208	0.433517	-2.30672	0.00180458	0.160092	-6.24641	0.0301843	0.349168	-2.86395	0.0276397	0.341325	-2.92976	0.139676	0.518881	-1.92723	0.0154267	0.293187	-3.4108	0.000796621	0.123569	-8.09264	0.020806	0.317092	-3.15366	0.0264328	0.33741	-2.96375	6.47673	17.4791	2.3989	1
cg17037491	LRRC16A	0.0137051	0.00198949	7.30244	7.30244	0.00211565	7.15437	7.15437	0.0580942	2.65204	2.65204	0.128273	2.11417	2.11417	0.0748015	2.46863	2.46863	0.945892	1.03139	1.03139	0.107547	2.22503	2.22503	0.0127166	4.09562	4.09562	0.0529941	2.72188	2.72188	5.33707	17.5272	2.91916	1
cg21272716	LRRC16A	0.0145725	0.0264918	0.402653	-2.48353	0.0124214	0.340969	-2.93282	0.0135703	0.347753	-2.87561	0.881613	0.949772	-1.05288	0.109609	0.547056	-1.82797	0.0296162	0.412479	-2.42437	0.00349136	0.253989	-3.93718	0.355964	0.720114	-1.38867	0.00441646	0.268745	-3.721	5.2304	9.90634	1.68355	1
cg03372385	LRRC16A	0.0214631	0.0732183	0.731804	-1.36649	0.0104988	1.65421	1.65421	0.653423	0.931798	-1.07319	0.0245634	0.65801	-1.51973	0.0967721	1.32966	1.32966	0.41095	1.14043	1.14043	0.0119489	1.63264	1.63264	0.570236	1.09381	1.09381	0.487149	1.11665	1.11665	4.59265	1.77674	0.34388	1
cg16015031	LRRC16A	0.0329939	0.659024	0.917692	-1.08969	0.00128108	2.47982	2.47982	0.257681	1.25668	1.25668	0.848894	1.03758	1.03758	0.36718	1.19624	1.19624	0.027452	1.65616	1.65616	0.984277	0.996196	-1.00382	0.846279	1.03826	1.03826	0.0297983	1.63982	1.63982	3.95031	2.34072	0.526702	1
cg23737208	LRRC16A	0.0347717	0.0185127	0.427641	-2.33841	0.422476	0.783739	-1.27593	0.0718152	1.81804	1.81804	0.851524	0.945797	-1.05731	0.92524	0.972473	-1.02831	0.873541	0.953733	-1.04851	0.00344399	3.25919	3.25919	0.394154	0.771379	-1.29638	0.827809	0.937268	-1.06693	3.8763	5.43016	1.24521	1
cg13261390	LRRC16A	0.0395809	0.479808	0.816221	-1.22516	0.0300653	0.486123	-2.05709	0.834058	0.942417	-1.0611	0.403975	0.785515	-1.27305	0.233061	0.702234	-1.42403	0.0225027	0.4618	-2.16544	0.104699	1.65091	1.65091	0.017352	2.26843	2.26843	0.588837	1.16681	1.16681	3.69744	4.68007	1.12512	1
cg13089568	LRRC16A	0.0411159	0.413931	1.28469	1.28469	0.0194523	0.42856	-2.3334	0.00689227	0.350221	-2.85534	0.354924	0.751678	-1.33036	0.216766	0.677167	-1.47674	0.292519	1.38758	1.38758	0.112345	1.67952	1.67952	0.70398	0.891811	-1.12131	0.137962	0.619333	-1.61464	3.64593	5.19508	1.26658	1
cg00229257	LRRC16A;LRRC16A	0.00152972	0.401877	0.736347	-1.35806	0.00150846	0.195769	-5.10807	0.0917937	0.515727	-1.93901	0.0940941	0.518599	-1.92827	0.887191	0.950626	-1.05194	0.815148	1.08713	1.08713	0.000126728	0.0925796	-10.8015	0.00706437	3.46226	3.46226	0.315444	1.44813	1.44813	10.4205	21.0015	1.79146	1
cg20955831	LRRC16A;LRRC16A	0.00764972	0.0405258	0.813287	-1.22958	0.380226	0.924372	-1.08182	0.126085	0.865365	-1.15558	0.486273	0.940063	-1.06376	0.0671331	1.19635	1.19635	0.730795	0.970275	-1.03064	0.000502521	0.621687	-1.60853	0.020926	0.784447	-1.27478	0.0890263	1.17805	1.17805	6.43402	0.777824	0.10746	1
cg24004055	LRRC16A;LRRC16A	0.0171876	0.757406	0.913168	-1.09509	0.177317	1.5225	1.5225	0.362722	1.31556	1.31556	0.0435667	0.506449	-1.97453	0.0449356	0.509309	-1.96344	0.00292109	0.30157	-3.31598	0.011725	0.397281	-2.51711	0.771487	0.918166	-1.08913	0.230348	1.44618	1.44618	4.95126	6.73996	1.21001	1
cg06772295	LRRC16B	0.000656698	0.549462	0.93692	-1.06733	0.00824337	1.43839	1.43839	1.51E-05	2.62383	2.62383	0.268196	0.883313	-1.1321	0.700906	0.95933	-1.04239	0.115765	0.832	-1.20192	0.307125	0.89249	-1.12046	0.78317	1.03012	1.03012	0.0130669	1.39267	1.39267	13.2456	2.42802	0.16294	1
cg09999876	LRRC16B	0.00545405	0.082159	1.40796	1.40796	0.300634	1.20991	1.20991	0.210467	1.2642	1.2642	0.180157	1.28771	1.28771	0.23971	1.24448	1.24448	0.000191095	0.327363	-3.05471	0.0778556	0.706013	-1.4164	0.472004	0.87812	-1.1388	0.508669	1.1265	1.1265	7.14593	3.57215	0.444343	1
cg02724472	LRRC17;FBXL13;LRRC17;FBXL13	0.0256811	0.0524774	0.31972	-3.12774	0.0180065	0.226236	-4.42017	0.110213	0.406471	-2.4602	0.0606016	0.334853	-2.98638	0.0212521	0.238838	-4.18694	0.0982007	0.391416	-2.55483	0.00333958	0.126746	-7.8898	0.0098644	0.185179	-5.40019	0.168031	0.467769	-2.13781	4.31663	18.2832	3.76492	1
cg19370689	LRRC17;FBXL13;LRRC17;FBXL13	0.0266505	0.377577	1.5875	1.5875	0.00296601	8.01797	8.01797	0.0399602	3.36009	3.36009	0.548054	1.3638	1.3638	0.0335681	0.281584	-3.55133	0.438043	1.49749	1.49749	0.438138	1.49736	1.49736	0.296519	1.73762	1.73762	0.126946	0.43057	-2.3225	4.26108	17.5848	3.6683	1
cg03942871	LRRC17;FBXL13;LRRC17;FBXL13	0.0464683	0.161183	1.85146	1.85146	0.364336	1.46771	1.46771	0.680982	0.843528	-1.1855	0.300815	1.55474	1.55474	0.303057	1.55135	1.55135	0.823724	1.09618	1.09618	0.00651692	4.2856	4.2856	0.0164913	3.33994	3.33994	0.00921588	3.89884	3.89884	3.4833	9.34741	2.38533	1
cg24224501	LRRC17;FBXL13;LRRC17;FBXL13	0.0466544	0.0495297	0.368994	-2.71007	0.107264	2.18611	2.18611	0.996297	0.997937	-1.00207	0.984912	1.00845	1.00845	0.0212393	0.291683	-3.42837	0.743686	1.15716	1.15716	0.00969349	0.233187	-4.28841	0.298312	1.61548	1.61548	0.432582	0.700257	-1.42805	3.47807	10.9029	2.78645	1
cg19561297	LRRC17;FBXL13;LRRC17;LRRC17;LRRC17;FBXL13	0.00693315	0.0570646	0.313929	-3.18543	0.00162316	0.0879825	-11.3659	0.0458254	0.291742	-3.42769	0.0136361	0.193591	-5.16554	0.00187179	0.0931337	-10.7373	0.16826	0.45378	-2.20371	0.00294527	0.111113	-8.99986	0.0157205	0.203315	-4.91847	0.0588951	0.317262	-3.15197	6.63494	30.4303	4.07678	1
cg20485874	LRRC17;FBXL13;LRRC17;LRRC17;LRRC17;FBXL13	0.0151484	0.13927	0.515985	-1.93804	0.0356861	0.361847	-2.7636	0.200853	0.570194	-1.75379	0.0257952	0.332607	-3.00655	0.0235307	0.324727	-3.07951	0.245546	0.603475	-1.65707	0.00126871	0.141494	-7.06746	0.00542786	0.218407	-4.57861	0.0266663	0.335497	-2.98065	5.16385	14.1414	2.43425	1
cg20442697	LRRC17;FBXL13;LRRC17;LRRC17;LRRC17;FBXL13	0.0376315	0.12843	0.458202	-2.18244	0.00986866	0.21254	-4.70501	0.272391	0.581257	-1.72041	0.176248	0.505177	-1.9795	0.0805066	0.398256	-2.51095	0.106319	0.432757	-2.31076	0.00368152	0.154973	-6.45275	0.016684	0.249605	-4.00633	0.139132	0.469532	-2.12978	3.76653	13.4549	3.17531	1
cg13513804	LRRC18;WDFY4	0.042415	0.377088	0.839139	-1.1917	0.336175	0.825399	-1.21154	0.00468375	0.483152	-2.06974	0.799563	0.95196	-1.05046	0.0743936	0.680685	-1.46911	0.557375	1.12168	1.12168	0.0278865	1.65334	1.65334	0.586443	1.11214	1.11214	0.211803	0.775293	-1.28983	3.60415	2.13724	0.527106	1
cg08385211	LRRC18;WDFY4	0.0449068	0.0166161	1.71063	1.71063	0.0491654	0.662219	-1.51007	0.31354	0.825867	-1.21085	0.34762	1.19423	1.19423	0.0750128	1.43896	1.43896	0.778214	1.05319	1.05319	0.0259514	1.6245	1.6245	0.326972	0.830488	-1.20411	0.37368	1.18248	1.18248	3.52826	1.88257	0.474284	1
cg03459953	LRRC1;LRRC1	0.0227099	0.114533	0.74609	-1.34032	0.203596	0.795328	-1.25734	0.868112	1.02877	1.02877	0.0471622	0.678675	-1.47346	0.738275	1.0589	1.0589	0.00112282	0.441084	-2.26714	0.112739	0.744813	-1.34262	0.0516816	0.685288	-1.45924	0.216009	1.24882	1.24882	4.50451	2.07764	0.409988	1
cg05226558	LRRC2	0.00139555	0.452711	0.881436	-1.13451	0.482576	0.888932	-1.12495	6.76E-05	0.300201	-3.3311	0.221861	1.23592	1.23592	0.0922758	0.736611	-1.35757	0.291551	1.19788	1.19788	0.00146397	2.13384	2.13384	0.506959	0.894876	-1.11747	0.704883	1.06479	1.06479	10.6993	4.61194	0.383156	1
cg06391894	LRRC20;LRRC20;LRRC20	0.000359888	0.223386	0.774566	-1.29104	0.000498362	3.2015	3.2015	0.000220618	3.77943	3.77943	0.62298	0.906361	-1.10331	0.00248944	2.4092	2.4092	0.0234588	1.73642	1.73642	0.0122474	1.8977	1.8977	4.57E-05	5.48998	5.48998	0.00132453	2.67712	2.67712	19.6721	11.9779	0.47357	1
cg09177132	LRRC20;LRRC20;LRRC20	0.000682085	0.0131602	0.365933	-2.73274	0.00343064	3.6693	3.6693	0.683964	1.1432	1.1432	0.256318	1.47325	1.47325	0.000232166	0.135658	-7.37146	0.614465	0.846967	-1.18068	0.321326	0.715291	-1.39803	0.000330208	6.65799	6.65799	0.422652	0.765035	-1.30713	13.1058	22.1972	1.50551	1
cg16912134	LRRC20;LRRC20;LRRC20	0.00821369	0.346926	0.860885	-1.16159	0.357854	0.86395	-1.15747	0.545436	0.909702	-1.09926	0.755504	1.0495	1.0495	0.170745	0.798036	-1.25308	0.911218	0.982897	-1.0174	0.000252941	2.54184	2.54184	0.0521909	0.710661	-1.40714	0.156935	0.791255	-1.26381	6.2917	2.38355	0.336747	1
cg03505638	LRRC20;LRRC20;LRRC20	0.0186888	0.0565799	0.689963	-1.44935	?	?	?	0.201326	0.79292	-1.26116	0.741622	1.05854	1.05854	0.00107935	0.436055	-2.29329	0.37632	0.855463	-1.16896	0.0963173	1.36886	1.36886	0.41122	0.865468	-1.15544	0.0652721	0.700587	-1.42738	4.90223	2.04052	0.416242	1
cg05493526	LRRC20;LRRC20;LRRC20	0.0216703	0.832815	0.971824	-1.02899	0.060812	1.33076	1.33076	0.142278	1.23773	1.23773	0.984941	0.997451	-1.00256	0.306505	0.866632	-1.15389	0.226008	0.842067	-1.18755	0.00161639	0.542743	-1.84249	0.0316042	0.711231	-1.40601	0.782639	1.0381	1.0381	4.57758	1.32533	0.257357	1
cg23095010	LRRC20;LRRC20;LRRC20	0.0226726	0.00313796	0.0852885	-11.7249	0.601935	0.725546	-1.37827	0.0768333	0.301323	-3.31869	0.968163	1.02463	1.02463	0.0827282	0.309937	-3.22646	0.194988	0.433586	-2.30635	0.00242681	0.0762614	-13.1128	0.519352	0.671529	-1.48914	0.0306052	0.21254	-4.70499	4.50706	26.5278	5.23186	1
cg03800281	LRRC20;LRRC20;LRRC20	0.0287043	0.10374	0.359718	-2.77996	0.00196364	0.08089	-12.3625	0.0197567	0.198341	-5.04181	0.300603	0.53988	-1.85226	0.146326	0.408159	-2.45003	0.0713671	0.314338	-3.18129	0.0110372	0.160092	-6.24641	0.0652748	0.304455	-3.28456	0.138835	0.400274	-2.49829	4.15124	21.7129	4.6493	1
cg10840389	LRRC20;LRRC20;LRRC20	0.0393356	0.619344	0.893259	-1.1195	0.0991143	0.665306	-1.50307	0.0323007	1.75945	1.75945	0.868295	0.963284	-1.03812	0.108267	0.673733	-1.48427	0.0196887	0.529933	-1.88703	0.0152706	0.510988	-1.95699	0.916429	1.02394	1.02394	0.37572	1.22741	1.22741	3.7059	2.98184	0.715217	1
cg04965549	LRRC20;LRRC20;LRRC20;LRRC20	0.0250497	0.514234	1.14871	1.14871	0.562536	1.13056	1.13056	0.0391422	1.64929	1.64929	0.535089	1.14072	1.14072	0.537068	0.877213	-1.13997	0.155226	0.727021	-1.37548	0.00155498	0.38541	-2.59464	0.0767021	0.661884	-1.51084	0.537143	0.877235	-1.13995	4.35422	3.02964	0.618484	1
cg27597504	LRRC20;LRRC20;LRRC20;LRRC20;LRRC20	0.00877061	0.224563	0.605291	-1.6521	0.131585	0.525535	-1.90282	0.0336259	2.70043	2.70043	0.15449	0.547957	-1.82496	0.000422337	0.0946846	-10.5614	0.762868	0.888482	-1.12551	0.662904	1.18705	1.18705	?	?	?	0.100893	0.49078	-2.03757	7.16092	15.0548	1.83956	1
cg09182044	LRRC23;LRRC23;LRRC23	0.0011197	0.792722	0.951957	-1.05047	7.05E-05	3.87906	3.87906	0.0164011	0.577888	-1.73044	0.00447029	0.492229	-2.03157	0.182095	0.76738	-1.30314	0.152206	0.750705	-1.33208	0.114621	1.37822	1.37822	0.569822	0.898185	-1.11336	0.09148	1.41544	1.41544	11.3946	6.30753	0.49205	1
cg25281183	LRRC23;LRRC23;LRRC23	0.00560788	0.15212	1.25119	1.25119	0.762408	1.04529	1.04529	0.00109577	0.494909	-2.02057	0.155916	1.24827	1.24827	0.0553811	1.3733	1.3733	0.329503	1.15835	1.15835	0.789872	0.961738	-1.03978	0.504569	0.905819	-1.10397	0.00141685	1.96344	1.96344	7.08515	2.39437	0.300393	1
cg25965864	LRRC23;LRRC23;LRRC23	0.00815903	0.149145	1.68452	1.68452	0.00503613	0.286348	-3.49225	0.0395209	0.448125	-2.23152	0.0909752	0.533845	-1.8732	0.546625	1.22832	1.22832	0.138759	1.71122	1.71122	0.116479	1.77711	1.77711	0.00183456	0.22493	-4.44584	0.477102	0.78373	-1.27595	6.30495	11.3474	1.59979	1
cg04629424	LRRC23;LRRC23;LRRC23	0.0174138	0.607109	1.16585	1.16585	0.926064	1.02784	1.02784	0.143602	0.628185	-1.59189	0.0159308	0.417579	-2.39476	0.00246597	0.287778	-3.4749	0.237081	0.693179	-1.44263	0.0346578	0.482571	-2.07223	0.0729289	1.80723	1.80723	0.0553229	0.525892	-1.90153	4.92962	6.83367	1.23222	1
cg23616620	LRRC23;LRRC23;LRRC23	0.0301215	0.820052	1.07437	1.07437	0.0422324	2.08904	2.08904	0.0666872	1.91045	1.91045	0.5963	1.18332	1.18332	0.714014	1.12287	1.12287	0.0282175	0.442294	-2.26094	0.0599704	1.9506	1.9506	0.0163645	0.396946	-2.51923	0.308312	0.717493	-1.39374	4.08097	6.40691	1.39551	1
cg07253870	LRRC23;LRRC23;LRRC23	0.0423532	0.383575	0.816902	-1.22414	0.048255	1.66678	1.66678	0.0192436	1.8983	1.8983	0.970761	0.991738	-1.00833	0.00773515	0.460994	-2.16922	0.759041	0.932729	-1.07212	0.819829	1.05299	1.05299	0.21545	0.744447	-1.34328	0.94776	0.985278	-1.01494	3.6061	2.92609	0.721269	1
cg15264303	LRRC23;LRRC23;LRRC23;LRRC23;LRRC23;LRRC23	0.0236051	0.0532927	0.784213	-1.27516	0.048852	0.779536	-1.28281	0.668662	0.95345	-1.04882	0.0109167	1.42439	1.42439	0.159828	1.18092	1.18092	0.0209335	0.735185	-1.3602	0.274652	1.1341	1.1341	0.473617	0.922477	-1.08404	0.126665	0.832832	-1.20072	4.44484	0.862934	0.172572	1
cg05358723	LRRC24;LRRC14	0.000904903	0.00180294	2.63306	2.63306	0.00301359	2.42788	2.42788	0.000345194	3.51165	3.51165	0.00944753	2.0492	2.0492	0.570472	0.882444	-1.13322	0.011397	1.99528	1.99528	0.00025755	3.71401	3.71401	0.00294834	2.43612	2.43612	0.0080052	2.09853	2.09853	12.1041	9.11995	0.669741	1
cg08302650	LRRC24;LRRC14	0.00715325	0.0407685	3.98655	3.98655	0.00121643	15.9972	15.9972	0.0174946	5.43823	5.43823	0.284073	1.91862	1.91862	0.0204304	5.1342	5.1342	0.0445326	3.86054	3.86054	0.00273794	11.2594	11.2594	0.002841	11.0869	11.0869	0.0598397	3.46726	3.46726	6.57057	35.678	4.82664	1
cg05828690	LRRC24;MGC70857	0.000145312	0.367301	0.928858	-1.07659	0.381114	1.07421	1.07421	0.0153115	1.26774	1.26774	0.841671	0.984189	-1.01607	0.13857	0.880681	-1.13549	3.34E-05	0.52662	-1.8989	0.000261722	0.619875	-1.61323	0.0233234	0.805744	-1.24109	0.000255806	1.61585	1.61585	20.0275	2.01418	0.0893959	1
cg00688297	LRRC24;MGC70857	0.00143356	0.0372675	1.1877	1.1877	2.79E-05	0.556001	-1.79856	0.459639	0.947841	-1.05503	0.414488	0.942376	-1.06115	0.836323	1.01483	1.01483	0.189481	1.10395	1.10395	0.0677965	0.864538	-1.15669	0.279481	0.923118	-1.08329	0.236903	1.09217	1.09217	10.617	0.851246	0.0712688	1
cg25479565	LRRC25	0.00189345	0.0851235	0.667559	-1.498	0.0744469	0.655785	-1.52489	0.00112983	0.361598	-2.7655	0.121307	0.700045	-1.42848	0.000108316	0.234941	-4.25639	0.00973809	0.499526	-2.0019	0.00377103	0.436098	-2.29307	0.00339692	0.429382	-2.32893	0.0786643	0.660595	-1.51379	9.79674	6.99275	0.634474	1
cg19640821	LRRC25	0.00621775	0.272551	0.756493	-1.32189	0.15882	0.6921	-1.44488	0.000173185	0.210529	-4.74994	0.119378	0.661679	-1.51131	0.0178593	0.494837	-2.02087	0.97255	0.991627	-1.00844	0.00455936	0.397267	-2.5172	0.0645905	0.60213	-1.66077	0.0806912	0.622909	-1.60537	6.86313	6.49051	0.840628	1
cg10618882	LRRC25	0.00679744	0.00282543	0.193977	-5.15526	0.00531886	0.231189	-4.32547	0.0177991	0.316966	-3.15492	0.888853	1.05735	1.05735	0.196687	0.580226	-1.72347	0.019321	0.323607	-3.09017	0.00163881	0.165573	-6.03962	0.0116812	0.28462	-3.51346	0.0307015	0.363402	-2.75178	6.6759	16.8139	2.23875	1
cg11207353	LRRC25	0.00711109	0.536758	0.870292	-1.14904	0.00779975	2.13531	2.13531	0.247321	0.764408	-1.3082	0.00540019	0.443358	-2.25552	0.836539	0.955152	-1.04695	0.435624	0.838068	-1.19322	0.921105	0.978237	-1.02225	0.00360327	0.416743	-2.39956	0.00540996	0.443479	-2.2549	6.5827	5.1428	0.694453	1
cg14417917	LRRC26	0.00107186	0.274024	1.4103	1.4103	0.691801	0.886611	-1.12789	0.905584	0.964794	-1.03649	0.294829	1.38842	1.38842	0.0340335	0.473639	-2.11131	0.00625375	0.340881	-2.93357	3.06E-05	0.0854555	-11.702	0.0374544	2.07364	2.07364	0.35184	0.748711	-1.33563	11.537	16.6703	1.28439	1
cg08300899	LRRC26	0.0216619	0.82491	1.045	1.045	0.037931	1.61302	1.61302	0.00128382	2.54072	2.54072	0.139035	1.37209	1.37209	0.341404	0.823034	-1.21502	0.0846999	1.46053	1.46053	0.11707	0.713043	-1.40244	0.150086	1.35867	1.35867	0.762696	1.06201	1.06201	4.57818	2.86163	0.555607	1
cg10354195	LRRC27;LRRC27	0.0113736	0.157271	1.25133	1.25133	0.0403512	1.42058	1.42058	0.520603	0.90798	-1.10135	0.809971	1.03636	1.03636	0.00942378	0.613938	-1.62883	0.294596	1.17485	1.17485	0.00228401	1.88198	1.88198	0.184831	0.811815	-1.23181	0.116173	0.776389	-1.28801	5.67108	1.97378	0.309372	1
cg13375636	LRRC27;LRRC27	0.0122929	0.569073	0.776104	-1.28849	0.0991341	0.451027	-2.21716	0.00346083	0.174094	-5.74401	0.734526	0.860785	-1.16173	0.000442545	0.0868978	-11.5078	0.0912019	0.440716	-2.26904	0.409818	0.689875	-1.44954	0.739562	0.863348	-1.15828	0.0656153	0.402522	-2.48433	5.53001	16.9895	2.73087	1
cg02035824	LRRC27;LRRC27	0.0138803	0.142085	0.69683	-1.43507	0.0336935	0.566851	-1.76413	0.0555733	0.60866	-1.64295	0.919614	1.02337	1.02337	0.00367538	0.407079	-2.45653	0.509183	1.16562	1.16562	0.0124263	2.03809	2.03809	0.762548	1.07181	1.07181	0.0460163	0.592554	-1.68761	5.31486	4.40881	0.737357	1
cg06641889	LRRC27;LRRC27	0.0147201	0.843432	1.05363	1.05363	0.605203	0.871306	-1.1477	0.0931256	0.613854	-1.62905	0.465808	1.21662	1.21662	0.000665599	0.252514	-3.96018	0.0439904	0.542556	-1.84313	0.0565657	1.76865	1.76865	0.936191	0.979069	-1.02138	0.175995	0.6838	-1.46242	5.21304	5.76217	0.982522	1
cg18878654	LRRC27;LRRC27	0.0287397	0.00315931	0.178514	-5.6018	0.178616	0.543088	-1.84132	0.0527571	0.390392	-2.56153	0.0238035	0.315855	-3.16601	0.0261484	0.32391	-3.08728	0.0222349	0.310123	-3.22453	0.0254357	0.321522	-3.11021	0.186042	0.549378	-1.82024	0.0697083	0.420385	-2.37877	4.14943	11.9941	2.56936	1
cg26191313	LRRC27;LRRC27	0.0419566	0.46512	0.744466	-1.34324	0.34319	0.678668	-1.47347	0.264787	0.630433	-1.58621	0.147425	0.539539	-1.85344	0.0254839	0.348597	-2.86864	0.415501	0.718661	-1.39148	0.00485961	4.40277	4.40277	0.790471	1.11149	1.11149	0.172005	0.561524	-1.78087	3.61871	9.03055	2.21823	1
cg02952711	LRRC27;LRRC27;LRRC27;LRRC27	9.98E-14	7.38E-14	3.37625	3.37625	6.12E-13	0.655468	-1.52563	6.83E-13	1.49179	1.49179	1.31E-12	0.748797	-1.33548	3.51E-14	5.83597	5.83597	?	?	?	7.41E-13	0.68112	-1.46817	?	?	?	1.39E-13	0.412741	-2.42283	1.00E+13	11.9658	3.41E-13	1
cg16259904	LRRC27;LRRC27;LRRC27;LRRC27	0.000169354	0.0333898	1.79808	1.79808	1.49E-05	8.34103	8.34103	0.00365571	2.52869	2.52869	0.385718	1.23352	1.23352	0.608815	0.885309	-1.12955	0.117897	1.49292	1.49292	0.811399	0.945144	-1.05804	0.163035	0.703699	-1.42106	2.53E-05	7.1923	7.1923	19.2171	16.9523	0.784131	1
cg07149459	LRRC27;LRRC27;LRRC27;LRRC27	0.00506271	0.00693237	0.752675	-1.32859	0.282685	1.09502	1.09502	0.0324506	1.22581	1.22581	0.0740351	1.17573	1.17573	0.00135845	0.685109	-1.45962	0.520061	0.948359	-1.05445	0.404306	0.932963	-1.07185	0.230915	1.1076	1.1076	0.0217903	1.25093	1.25093	7.31071	0.765607	0.0930879	1
cg15933195	LRRC27;LRRC27;LRRC27;LRRC27	0.00646201	0.0634439	0.728789	-1.37214	0.00434334	0.423478	-2.3614	?	?	?	?	?	?	?	?	?	0.00854517	1.97013	1.97013	0.0160927	1.71617	1.71617	?	?	?	0.0166845	1.70403	1.70403	38.1052	3.82391	0.0602108	1
cg15834928	LRRC27;LRRC27;LRRC27;LRRC27	0.0268921	0.654317	0.924178	-1.08204	0.137301	0.755791	-1.32312	0.28073	0.821886	-1.21671	0.00593829	0.532884	-1.87658	0.0301854	0.640226	-1.56195	0.0668694	0.698089	-1.43248	0.191799	0.785258	-1.27347	0.020135	1.63297	1.63297	0.784894	1.04903	1.04903	4.24763	2.05902	0.430886	1
cg09379627	LRRC27;LRRC27;LRRC27;LRRC27	0.0376487	0.811572	0.918787	-1.08839	0.197686	1.62078	1.62078	0.853919	1.06755	1.06755	0.102129	0.530206	-1.88606	0.137082	1.76466	1.76466	?	?	?	0.0202377	0.370467	-2.69929	0.0351655	2.38747	2.38747	0.0531636	2.17964	2.17964	3.82599	6.77473	1.77071	1
cg21350697	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0006256	0.439236	1.14634	1.14634	0.289696	0.826752	-1.20955	0.0289257	0.640259	-1.56187	0.0328798	0.649183	-1.5404	1.21E-05	0.201979	-4.95102	0.17022	0.776563	-1.28773	0.0286484	1.5635	1.5635	0.918519	0.982441	-1.01787	0.0172049	0.605	-1.65289	13.4264	6.37307	0.421926	1
cg09161266	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0028778	0.792337	0.967924	-1.03314	0.00333238	0.610366	-1.63836	0.000298516	0.483277	-2.06921	0.612361	1.06517	1.06517	0.00132132	0.561457	-1.78108	0.00648994	0.645867	-1.54831	0.850427	0.976945	-1.0236	0.233435	0.856965	-1.16691	0.885541	0.982361	-1.01796	8.66437	2.09487	0.214915	1
cg13994897	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.00616579	0.753145	1.03272	1.03272	0.917962	0.98954	-1.01057	0.155935	1.16756	1.16756	0.0122239	0.727175	-1.37518	0.000322674	0.552288	-1.81065	0.825274	1.02282	1.02282	0.0830989	1.2163	1.2163	0.375323	1.09731	1.09731	0.164673	1.16333	1.16333	6.88097	1.13503	0.146624	1
cg18219997	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0149709	0.0305819	0.569163	-1.75697	0.0450231	0.600369	-1.66564	0.163928	1.39025	1.39025	0.284664	1.27956	1.27956	0.000898354	0.332051	-3.01158	0.122277	0.689714	-1.44988	0.0990661	0.669583	-1.49347	0.179121	0.728651	-1.3724	0.690008	0.914912	-1.093	5.18403	4.03965	0.692667	1
cg14071867	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0217378	0.917506	0.978469	-1.022	0.0193263	0.551926	-1.81184	0.858985	1.03807	1.03807	0.926674	1.01953	1.01953	0.00042394	0.309454	-3.2315	0.317106	0.804714	-1.24268	0.31634	0.804418	-1.24313	0.381295	0.828073	-1.20762	0.435239	0.845991	-1.18205	4.5727	3.19643	0.621355	1
cg15175351	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0240884	0.986771	0.993495	-1.00655	0.765477	1.12497	1.12497	0.735427	0.87502	-1.14283	0.8105	1.09917	1.09917	0.011537	0.28835	-3.468	0.0032389	0.205814	-4.85875	0.801714	0.905695	-1.10412	0.0224869	2.93292	2.93292	0.240374	0.616391	-1.62235	4.41378	10.8319	2.18144	1
cg24547863	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0250699	0.0157622	0.734572	-1.36134	0.305415	0.895254	-1.117	0.00439819	0.672693	-1.48656	0.571908	0.942185	-1.06136	0.817776	0.976224	-1.02435	0.901656	0.987194	-1.01297	0.0209562	1.33593	1.33593	0.347072	0.903979	-1.10622	0.0665941	0.806975	-1.2392	4.353	0.749449	0.153039	1
cg05951994	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0269058	0.0223341	0.25044	-3.99297	0.00103099	0.0855155	-11.6938	0.0561517	0.334914	-2.98584	0.514109	0.715618	-1.39739	0.0780483	0.371511	-2.69171	0.0734442	0.364445	-2.7439	0.153098	0.461286	-2.16785	0.057413	0.33726	-2.96507	0.719639	0.833365	-1.19995	4.24687	17.2024	3.60054	1
cg14683065	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0273893	0.966502	1.01071	1.01071	0.0384081	0.544083	-1.83796	0.0762446	0.606238	-1.64952	0.0942695	0.627048	-1.59477	0.0120941	0.452119	-2.21181	0.260765	0.742602	-1.34662	0.0107894	2.25373	2.25373	0.239357	0.731527	-1.367	0.27113	0.747751	-1.33734	4.2204	4.30297	0.90628	1
cg27180777	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0407407	0.195199	0.615789	-1.62393	0.749262	0.892724	-1.12017	0.321323	0.695867	-1.43706	0.406793	1.35028	1.35028	0.0044897	0.261675	-3.82154	0.00740818	0.294984	-3.39002	0.0980856	0.526167	-1.90054	0.682997	1.15639	1.15639	0.142263	0.572204	-1.74763	3.6583	7.25599	1.76305	1
cg25572309	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0133819	0.00328574	0.313942	-3.1853	0.398012	1.28439	1.28439	0.382657	1.29556	1.29556	0.53048	0.832116	-1.20176	0.0118163	0.402833	-2.48242	0.0041187	0.328599	-3.04322	0.0185257	0.437807	-2.28411	0.65456	0.877869	-1.13912	0.653515	0.877495	-1.13961	5.37898	7.1264	1.17765	1
cg17246318	LRRC28	0.00285655	0.980625	0.994997	-1.00503	0.102787	0.69167	-1.44578	0.0383972	0.609284	-1.64127	0.0193866	1.79295	1.79295	0.137916	0.718972	-1.39088	0.861944	0.96469	-1.0366	0.000214388	0.279025	-3.5839	0.740669	1.071	1.071	0.00236074	0.416445	-2.40128	8.68341	5.86592	0.600473	1
cg27211204	LRRC28	0.0303164	0.634422	0.909066	-1.10003	0.223328	1.29	1.29	0.546195	1.12924	1.12924	0.833451	1.0428	1.0428	0.748445	0.937971	-1.06613	0.26679	0.794325	-1.25893	0.000742452	0.360844	-2.77128	0.261998	1.2621	1.2621	0.612113	1.10713	1.10713	4.07162	2.55423	0.557622	1
cg27424741	LRRC29;LRRC29;LRRC29;TMEM208	0.00952749	0.873516	1.01841	1.01841	0.609419	1.06079	1.06079	0.00429186	1.54877	1.54877	0.0492954	0.773365	-1.29305	0.847824	1.02225	1.02225	0.0205388	1.3766	1.3766	0.172169	1.1811	1.1811	0.00182968	1.66054	1.66054	0.0289519	1.34303	1.34303	6.00266	1.24715	0.184681	1
cg22834154	LRRC29;LRRC29;TMEM208	0.000588574	0.0243592	1.27683	1.27683	0.0912553	0.844166	-1.1846	0.589959	1.0508	1.0508	0.403782	0.925138	-1.08092	0.0595754	1.21368	1.21368	6.92E-05	0.515742	-1.93895	0.00057134	0.615177	-1.62555	0.00266013	0.684889	-1.46009	0.898536	1.01169	1.01169	13.6569	1.7943	0.116786	1
cg08067677	LRRC29;LRRC29;TMEM208	0.0297987	0.0282335	1.59226	1.59226	0.778023	0.950524	-1.05205	0.458689	1.14508	1.14508	0.0792987	1.41872	1.41872	0.230974	0.798032	-1.25308	0.0604418	1.4625	1.4625	0.0186398	0.599264	-1.66871	0.162842	1.30666	1.30666	0.074291	0.699721	-1.42914	4.09661	2.09157	0.453831	1
cg02913769	LRRC29;TMEM208;LRRC29	5.55E-06	7.48E-06	0.240286	-4.1617	0.323646	0.862899	-1.15888	1.99E-05	0.286549	-3.48981	0.0215547	1.49072	1.49072	4.54E-06	0.2179	-4.58926	2.66E-06	0.194927	-5.13013	0.000209292	0.407708	-2.45273	0.881098	0.978581	-1.02189	6.58E-05	0.346731	-2.88408	47.2505	15.6588	0.294578	1
cg08665961	LRRC2;LRRC2	5.70E-05	0.470013	0.804572	-1.2429	0.015883	2.39611	2.39611	9.86E-06	16.6189	16.6189	0.962533	0.986198	-1.01399	0.985313	0.994569	-1.00546	0.0712551	0.550969	-1.81498	0.0141527	0.408333	-2.44898	0.664	0.878703	-1.13804	7.54E-06	18.4181	18.4181	25.7106	35.6411	1.23221	1
cg20496896	LRRC2;LRRC2	0.000189426	0.0136524	0.537103	-1.86184	0.0454354	0.626557	-1.59602	0.00202953	0.412031	-2.427	0.338424	0.817861	-1.2227	2.97E-06	0.103298	-9.68077	0.234573	1.28901	1.28901	0.234019	0.775535	-1.28943	0.0719215	0.664089	-1.50582	0.00149618	0.393471	-2.54148	18.6436	12.2585	0.584463	1
cg25821245	LRRC2;LRRC2	0.00176971	0.948806	0.991364	-1.00871	0.120064	1.25584	1.25584	8.15E-05	2.61091	2.61091	0.00859397	1.57262	1.57262	0.480323	1.10177	1.10177	0.879837	0.979772	-1.02065	0.803255	0.966842	-1.0343	0.245754	0.84875	-1.1782	0.00102254	1.93036	1.93036	9.99083	2.88738	0.256891	1
cg18193817	LRRC2;LRRC2	0.00235475	0.00186029	0.300387	-3.32904	0.107281	0.619524	-1.61414	0.00020794	0.18434	-5.42475	0.0271599	0.490542	-2.03855	0.202007	0.692859	-1.44329	0.985823	0.995172	-1.00485	0.0852122	0.595522	-1.6792	0.00497551	0.363248	-2.75294	0.00122708	0.275871	-3.62488	9.19233	10.8005	1.0444	1
cg00285902	LRRC2;LRRC2	0.00405884	0.0208927	0.392827	-2.54565	0.0832466	0.524886	-1.90518	0.000921687	0.189401	-5.27979	0.00530677	0.290839	-3.43832	0.000348358	0.144696	-6.91102	0.0565949	0.48412	-2.0656	0.0200356	0.38935	-2.56838	0.156551	0.600856	-1.66429	0.0456271	0.462834	-2.1606	7.81799	13.9901	1.59064	1
cg04522866	LRRC2;LRRC2	0.00727503	0.899882	1.0123	1.0123	0.00994589	1.37194	1.37194	0.000885629	0.616409	-1.6223	0.0279675	0.777082	-1.28686	0.591907	0.948797	-1.05397	0.504541	1.06799	1.06799	0.276207	1.11629	1.11629	0.0716229	1.21578	1.21578	0.243951	1.1257	1.1257	6.536	0.976581	0.132814	1
cg09596674	LRRC2;LRRC2	0.00770809	0.165862	0.59322	-1.68572	0.57132	1.22405	1.22405	0.0126942	2.98782	2.98782	0.226132	1.56696	1.56696	0.142806	0.573161	-1.74471	0.160458	1.69867	1.69867	0.0124932	2.9987	2.9987	0.0534808	0.46068	-2.1707	0.00166616	4.89999	4.89999	6.41869	12.6945	1.75799	1
cg25492569	LRRC2;LRRC2	0.0120462	0.809455	1.04216	1.04216	0.669193	1.07624	1.07624	0.00245159	2.05535	2.05535	0.0050595	1.88446	1.88446	0.0286452	1.55479	1.55479	0.464776	1.13563	1.13563	0.756497	0.948216	-1.05461	0.0801557	0.717584	-1.39357	0.0179536	1.63494	1.63494	5.56656	2.57649	0.411423	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg08866409	LRRC1;LRRC2	0.02422	0.964483	1.00836	0.108836	0.592751	0.903989	-1.10621	0.811135	0.956229	-1.04577	0.922929	1.01826	1.01044	0.00634649	1.94315	1.94315	0.15057	1.33185	1.33185	0.0223498	2.21144	2.21144	0.0836708	1.43036	1.43036	0.0360517	1.57754	1.57754	4.40545	2.4389	0.4920097	1
cg05399115	LRRC2;LRRC2;LRRC2	2.88E-05	0.563285	1.05212	1.05212	0.188955	1.28047	1.28047	1.50E-05	2.18268	2.18268	0.310133	0.912726	-1.09562	0.0378932	1.23284	1.23284	0.470348	0.938138	-1.06594	0.0301766	0.801195	-1.24814	1.171174	1.13507	1.13507	1.05E-06	3.036938	0.306793	3.68801	0.106438	1
cg08058988	LRRC2;TDGF1	0.000281889	0.0609527	0.751488	-1.33069	0.0790506	0.768144	-1.30184	2.97E-06	0.2214734	-4.51523	0.0902002	0.776784	-1.28736	0.597516	0.930461	-1.07474	0.78355	0.963437	-1.03795	0.0456306	1.36346	1.36346	0.1744663	0.822502	-1.2158	0.916477	0.98591	-1.01429	16.73227	4.84937	0.2576313	1
cg03031651	LRRC2;TDGF1	0.008178571	0.2322224	1.81616	1.81616	0.655029	1.23886	1.23886	0.0333838	2.267833	0.203495	0.5276603	1.267363	-1.89515	0.0067378	0.1874405	-5.33449	0.0169335	0.42904	2.329021	0.668914	0.8147431	-1.2274	0.00438559	0.124649	6.124604	0.0325217	0.30147	3.30147	6.30016	2.62356	3.19365	1
cg07225641	LRRC2;TDGF1	0.0126843	0.0129002	0.3678	0.0487464	2.26443	2.26443	0.0141643	2.45357	0.243736	1.5572	0.134607	1.79638	1.79638				0.6091379	0.29267	2.092671	0.00548255	0.7239	0.7239	0.027662	2.57381	2.57381	0.0221787	2.70669	2.70669	0.547888	11.4313	1.85629	1
cg00145238	LRRC2;TDGF1	0.0174227	0.546159	0.546159	0.008879713	18.6275	18.6275	0.0445757	3.86766	3.86766	0.131796	2.5962	2.5962	1.104104	2.85328	2.85328		0.0725197	3.23881	3.23881	0.0100728	6.5696	6.5696	0.0179468	5.40164	5.40164	0.0543119	5.09918	5.09918	5.26818	28.6991	4.84234	1
cg27371741	LRRC2;TDGF1	0.0256866	0.0298237	3.60653	3.60653	0.0201444	4.08104	4.08104	0.539718	1.3655	1.3655	1.12437	2.30452	2.30452	0.0469141	3.13091	3.13091	0.0565122	2.95448	2.95448	0.00325495	7.48748	7.48748	0.0139058	4.59393	4.59393	0.0354357	3.4172	3.4172	4.31631	17.211	3.5444	1
cg09412958	LRRC2;TDGF1	0.0147551	0.0733795	3.5212	3.5212	0.0172877	5.62388	5.62388	0.223316	1.601977	1.09135	1.09135	0.0663868	3.16144	3.16144	0.248868	2.13833	2.13833	0.106544	3.03782	3.03782	0.0074935	8.78858	8.78858	0.0164478	6.76566	6.76566	0.0128391	7.01699	7.01699	3.87097	24.4105	5.59969	1
cg23009419	LRRC2;TDGF1	0.0469852	0.0326863	4.13142	4.13142	0.0546479	7.95751	7.95751	0.0847887	2.95033	2.95033	1.75411	2.56572	2.56572	0.413975	1.60644	1.60644	0.0463949	3.65105	3.65105	0.021591	4.63862	4.63862	0.0400074	3.84678	3.84678	0.0887003	2.9002	2.9002	3.46883	17.7001	4.53565	1
cg22599236	LRRC3	5.88E-05	5.72E-06	0.244512	-4.08978	0.394967	0.886823	-1.12762	8.85E-05	0.37983	-2.63276	0.0724278	1.31833	1.31833	0.935872	0.988967	-1.01116	0.164479	0.815072	-1.22689	2.20E-05	0.308951	-3.23676	0.73661	-1.04764	1.04764	0.17751	0.820721	-1.21844	25.5036	7.67705	0.2675722	1
cg23921523	LRRC3	0.00670077	0.131884	2.720121	-1.44595	0.0728355	0.197835	-2.67497	0.0001832	0.2512987	1.54382	0.183776	0.2822656	3.54221	0.0127496	0.2956603	3.38264	0.0719004	0.645394	1.549444	0.0018339	0.545282	1.834007	0.114872	1.414007	1.414007	0.0021353	0.707071	1.414007	0.0262314	0.579905	0.705571	5.004764	0.668981	1
cg26144070	LRRC3	0.0181793	0.0227313	0.324109	-3.08538	0.00282225	0.182749	-5.472	0.41351	0.707911	-1.41261	0.0846099	0.454677	-2.19936	0.2667737	1.61306	1.61306	0.0519602	0.401044	-2.49349	0.902968	0.950852	-1.05169	0.06168989	0.419128	-2.38591	0.00642145	0.23109	-4.32732	4.8589	13.1393	2.40371	1
cg20308940	LRRC3	0.0408715	0.0402659	5.07097	5.07097	0.041763	0.915174	-1.05133	0.796054	0.833599	-1.19996	0.598422	0.6947933	-1.43928	0.583428	0.6845221	-1.46087	0.940448	0.920315	1.086346	0.00851208	0.93701	0.937011	0.0213787	0.50386	0.50386	0.0090357	1.98255	1.98255	5.13822	5.61391	2.71662	0.650873	1
cg13543667	LRRC3	0.00303798	0.02105	0.507913	-1.76083	0.0631025	0.650587	-1.53707	0.00107813	0.3736099	-2.67595	0.80523	1.05166	1.05166	0.000603152	0.3401022	-2.94029	0.495686	0.868454	-1.15147	0.598155	1.14564	1.11454	0.0027833	0.4819419	-2.31793	0.00791164	0.499341	-2.00264	8.526231	5.61626	0.585202	1
cg16326062	LRRC3	0.0068601	0.56334	1.13149	1.13149	0.0269085	1.74046	1.74046	0.419939	0.840098	-1.19034	0.268614	0.783778	-1.27587	0.0020400	0.2765666	-3.61577	0.984859	0.995995	-1.00402	0.17689	1.35461	1.311427	0.6930075	-1.44285	0.0774636	0.625668	4.713568	0.629416	1
cg03799556	LRRC3	0.0115637	0.815549	0.90403	-1.10509	0.0183266	0.286796	-3.4868	0.0193059	0.280104	-3.56996	0.0144446	0.2594735	3.85441	0.0150882	0.3855035	-2.59384	0.4548	0.755479	1.323666	0.0159882	0.54021	1.851153	0.0170977	0.3911	0.909878	1.05077	0.309151	0.631104	-1.58452	5.64077	1.39357	0.693241	1
cg01509692	LRRC3	0.0433211	0.707661	0.874855	-1.14305	0.2897776	0.47691	-1.47691	0.0621686	0.474637	-2.10687	0.0440004	0.439814	-2.27369	0.0062462	0.2228286	-3.54251	0.223266	0.634983	-1.57484	0.0108646	0.321411	-3.11128	0.675501	0.861211	-1.16116	0.3671558	0.719799	-1.38928	3.57594	7.13358	1.77323	1
cg05924537	LRRC3	0.00180845	0.237456	0.775483	-1.28952	0.698861	1.08314	-1.08314	0.000754249	0.3485512	-2.86934	0.5687313	0.892013	-1.12106	7.69E-05	0.2295567	-4.35603	0.000270356	0.268042	-3.7318	4.56E-05	0.2293754	4.360125	0.0159882	0.5144	0.5144	0.0031445	0.803253	-1.24428	0.0003144	0.3013253	-3.31947	18.879	12.6212	0.5942447	1
cg04548519	LRRC3	0.0137963	0.0105037	0.183314	-5.45452	0.0423365	0.298102	-3.35455	0.0100663	0.1842821	-5.42643	0.0539513	0.3178958	3.14625	0.0058852	0.1506578	-6.63665	0.614498	0.424525	2.355402	0.0158882	0.54021	1.851153	0.0245437	0.2403072	0.2737229	3.65197	0.0134441	0.227237	-1.67139	3.52547	0.41122	3.9078	1
cg12183875	LRRC3	0.0211891	0.105117	0.536965	-1.86232	0.057179	0.459564	-2.17598	0.03171777	0.4185801	-2.38891	0.158878	0.589325	-1.69686	0.00515793	0.2731364	-3.65812	0.00577697	0.280847	-3.56066	0.0161528	0.355788	-2.81066	0.51771	1.25897	1.25897	0.0666662	0.48575	-2.05867	4.61288	9.00859	1.73593	1
cg22691746	LRRC3;LRRC32	9.70E-05	0.00426041	0.54011	-1.84949	0.1028218	0.90459	-1.10519	0.00039328	0.3592993	-2.54458	0.141515	0.778132	-1.28513	4.94E-05	0.2393604	-4.17859	0.000270356	0.268042	-3.7318	4.56E-05	0.2293754	4.360125	0.0159882	0.5144	0.5144	0.0031445	0.803253	-1.24428	0.0003144	0.3013253	-3.31947	18.879	12.6212	0.5942447	1
cg20533899	LRRC3;LRRC32	0.000555642	0.00390319	0.377214	-2.65101	0.00088095	0.37116	-2.69426	0.0240385	0.588048	-1.70054	0.184716	0.757664	-1.31985	0.0001045	0.1990254	-5.02488	0.003739	0.455428	-2.19573	0.0003174	0.272349	-3.67175	0.668094	0.91843	-1.08881	0.0435518	0.632661	-1.58062	13.8777	8.55314	0.547844	1
cg26443841	LRRC3;LRRC32	0.00136042	0.48165	1.0443	1.0443	0.0307212	0.875035	-1.14281	0.0002803	0.2511868	-3.98242	0.0018842	0.2822522	3.54357	0.0001459	0.1982384	-5.04442	0.000184	0.146452	6.829993	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg14339670	LRRC3;LRRC32	0.00588326	0.2214	1.36648	1.36648	0.0309642	1.85028	1.85028	0.0677077	0.6082551	-1.64406	0.899501	1.03117	1.03117	0.00507699	0.4066338	2.45919	0.00228178	0.515931	-1.93824	0.0260927	0.526591	-1.89901	0.00555811	2.4227	2.4227	0.800193	1.06355	1.063155	6.583245	0.830764	1
cg27274382	LRRC3;LRRC32	0.0144239	0.0121829	0.432784	-2.31062	0.301272	1.33261	1.33261	0.00718671	0.1994353	-2.53528	0.94034	0.980133	-1.02027	0.0019851	0.3100555	-3.22523	0.917866	1.02804	1.028042	0.434132	0.807377	-1.23858	0.660543	0.888269	-1.12579	0.0205631	0.473358	-2.11266	5.248511	5.97427	1.01188	1
cg21048195	LRRC3;TDGF1	0.0245048	0.4496849	1.0224	1.0224	0.0556015	2.13461	2.13461	0.0250655	2.146414	1.76016	0.1383	0.6476744	1.06093	0.0065701	0.2810462	-3.55932	0.0468067	0.3004	3.329447	0.0065709	0.5854	1.708453	0.0155042	0.1129	0.8855	0.0314201	0.31831	-3.14167	0.0248896	0.1129	0.8855	0.0314201	0.31831	-3.14167	0.0248896	1
cg13985437	LRRC3;TDGF1	0.0241894	0.0121073	0.320683	-3.11834	0.743528	0.12679	0.12679	0.896226	0.953662	-1.04859	0.0031386	0.395686	-2.52725	0.0042663	0.2490147	-4.0158	0.0265838	0.236244	-4.23305	0.0047342	0.2653	3.768944	0.0023556	0.0647342	0.4553893	2.194497	0.0646511	0.470203	2.12674	0.00845591	0.294497	-3.39561	0.66773	0.854689	-1.17002	0.1844842	5.599413	-1.6683	0.40738	9.22801	1.86112	1
cg07202214	LRRC3;TDGF1	0.0265745	0.0472003	0.342903	2.91524	0.6754888	0.62038	-1.62794	0.0842371	0.4464459	-2.02245	0.0302729	0.5121512	-1.95248	0.0044002	0.2510655	-3.98404	0.0252838	0.376244	-2.65785	0.0647342	0.2653	3.768944	0.0023556	0.0647342	0.4553893	2.194497	0.0646511	0.470203	2.12674	0.00845591	0.294497	-3.39561	0.66773	0.854689	-1.17002	0.1844842	5.599413	-1.6683	0.40738	9.22801	1.86112	1
cg25717182	LRRC3;LRRC32	0.0289031	0.568423	0.922253	-1.07267	0.194204	0.71891	-1.18191	0.136693	1.215543	2.12543	0.0149285	0.694725	-1.43942	0.0050145	0.2606114	-3.83677	0.073926	0.784776	-1.27428	0.263987	0.869531	-1.15005	0.335975	1.12832	1.12832	0.953129	1.007118	0.971415	0.972165	0.20846	1
cg21505391	LRRC3;LRRC32	0.0302959	0.0302216	0.34177	-2.92594	0.0503085	0.390597	-2.56018	0.0449707	0.3793103	-2.63642	0.0250712	0.325345	-3.07366	0.00762981	0.2356089	-4.24288	0.138611	0.510831	-1.95759	0.0461566	0.381894	-2.61852	0.019986	0.30636	-3.26413	0.0166001	0.291534	-3.43013	4.0726	11.4498	2.49905	1
cg10788371	LRRC3;LRRC32;LRRC32	0.0781204	0.0783221	0.515131	-1.9405	0.3936606	0.194403	-5.0602	0.1218389	0.5599993	-1.78688	0.0485862	0.466277	-2.14403	0.0009538	0.2544458	-3.93105	0.0262243	0.409411	-2.44257	0.0177897	0.354684	-2.82191	0.76727	1.10573	1.10573	0.1318306	0.580102	-1.72357	4.48828	11.7873	2.61469	1
cg13633560	LRRC3;LRRC32;LRRC32	0.0345601	0.197069	1.45014	1.45014	0.260124	1.3773	1.3773	0.0686327	0.4014754	-2.49082	0.363332	1.28996	0.2511355	0.0015051	0.3651662	-2.73851	0.56336	0.853519	-1.17162	0.365275	0.77606	-1.28856	0.598361	1.15589	1.15589	0.413238	0.796145	-1.25605	3.884686	4.57001	1.04566	1
cg07277038	LRRC3	0.002678024	0.0292521	0.6011	-1.66351	0.0273212	0.875035	-1.14281	0.0002803	0.2511868	-3.98242	0.0018842	0.2822522	3.54357	0.0001459	0.1982384	-5.04442	0.000184	0.146452	6.829993	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg10709883	LRRC3	0.00109362	0.888887	0.952834	-1.0495	0.640997	1.17642	1.17642	0.00863591	0.300139	-3.33179	0.684445	1.15179	1.15179	0.199134	0.62321	1.6046	2.72E-05	0.0401757	-24.8907	0.041986	2.28927	2.28927	0.513147	1.2582	1.2582	0.238191	1.53729	1.53729	13.932	25.7978	1.44021	1
cg07700837	LRRC3	0.00111692	3.61E-05	0.159034	-6.28797	0.662419	0.903529	-1.10677	0.0993385	0.658899	-1.51768	0.262729	0.763642	-1.30951	0.00078757	0.309878	-3.22708	0.0157074	0.504727	-1.98127	0.0160164	0.479314	-2.1141	0.0280467	0.549231	-1.82073	0.0660849	0.621191	-1.60981	10.8787	9.18839	0.750775	1
cg23944025	LRRC3	0.00444381	0.0292521	0.6011	-1.66351	0.0273212	0.9589	1.04298	0.0002803	0.2511868	-3.98242	0.0018842	0.2822522	3.54357	0.0001459	0.1982384	-5.04442	0.000184	0.146452	6.829993	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg12101108	LRRC3	0.00603365	0.74782	1.11916	1.11916	0.1488574	1.71624	1.71624	0.0211792	0.380173	-2.63038	0.31709	1.43467	1.43467	0.392467	1.35763	1.35763	0.0828353	0.28162	3.55008	0.0012514	0.2214	4.516554	0.0004223	0.1154	0.8663	0.0313871	0.31863	-3.13858	0.0247893	0.1154	0.8663	0.0313871	0.31863	-3.13858	0.0247893	1
cg26014952	LRRC3	0.00289743	0.1243151	0.693153	-1.44253	0.1973899	0.34575	-2.89211	0.0025644	0.3158205	-3.16725	0.2111546	0.50975	-1.96225	0.0002599	0.1749464	-5.71824	0.0003182	0.1729	5.784777	0.0001468	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg24242968	LRRC3	0.0117806	0.883039	0.973771	-1.02694	0.0040898	0.268819	-3.72019	0.0001745	0.1842821	-5.42643	0.0539513	0.3178958	3.14625	0.0058852	0.1506578	-6.63665	0.614498	0.424525	2.355402	0.0158882	0.54021	1.851153	0.0170977	0.3911	0.909878	1.05077	0.309151	0.631104	-1.58452	5.64077	1.39357	0.693241	1
cg03545385	LRRC3	0.0119233	0.0094072	0.266878	-3.74704	0.116448	1.98272	1.98272	0.00524118	0.228184	-4.38242	0.0444617	0.39611	-2.52455	0.0577234	0.422731	-2.36557	0.799484	1.10753	1.10753	0.0107766	0.276548	-3.616	0.0188655	0.319413	-3.13074	0.0799232	0.45856	-2.18074	5.5851	14.2413	2.26656	1
cg08026502	LRRC3	0.0157307	0.0573802	0.382664	-2.61345	0.0596518	0.224407	-4.4572	0.0107077	0.1842821	-5.42643	0.0539513	0.3178958	3.14625	0.0058852	0.1506578	-6.63665	0.614498	0.424525	2.355402	0.0158882	0.54021	1.851153	0.0170977	0.3911	0.909878	1.05077	0.309151	0.631104	-1.58452	5.64077	1.39357	0.693241	1
cg03369965	LRRC3	0.0146702	0.0101189	0.189182	-5.28592	0.0205132	0.238707	-4.18923	0.0034162	0.1842821	-5.42643	0.0539513	0.3178958	3.14625	0.0058852	0.1506578	-6.63665	0.614498	0.424525	2.355402	0.0158882	0.54021	1.851153	0.0170977	0.3911	0.909878	1.05077	0.309151	0.631104	-1.58452	5.64077	1.39357	0.693241	1
cg12324164	LRRC3	0.0227308	0.0906263	0.511158	-1.95662	0.0244948	0.4505	-2.21984	0.0002803	0.2511868	-3.98242	0.0018842	0.2822522	3.54357	0.0001459	0.1982384	-5.04442	0.000184	0.146452	6.829993	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg08095637	LRRC3	0.0452652	0.120525	0.76875	-1.30081	0.116633	1.30507	1.30507	0.0584664	1.39639	1.39639	0.8380062	1.03248	1.03248	0.345447	1.16387	1.16387	0.0067961	0.503802	1.98491	0.0153574	0.2256	4.433511	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg05012198	LRRC36;KCTD19	4.16E-05	8.97E-06	0.261722	-3.82084	0.108471	1.0949	1.0949	0.0001745	0.2512987	1.54382	0.183776	0.2822656	3.54221	0.0127496	0.2956603	3.38264	0.0030014	1.76297	1.762971	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg20609711	LRRC36;KCTD19	0.00190751	7	7	7	0.00405104	2.0509067	-16.9317	0.0078636	5.72149	2.32305	2.32305	0.130388	2.4161	2.416	7	7	0.550084	0.847161	-1.18041	0.0230241	2.10795	2.10795	0.0338296	1.97326	1.97326	0.842138	1.05622	1.05622	0.49135	5.20341	1.05925	1
cg06978605	LRRC36;LRRC36	0.0159309	0.0155009	0.368334	-2.71442	0.0243486	0.552125	-1.81119	0.0003599	0.2512987	1.54382	0.183776	0.2822656	3.54221	0.0127496	0.2956603	3.38264	0.0030014	1.76297	1.762971	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg02210621	LRRC36;LRRC36	0.012708	0.00507492	0.419936	-2.38132	0.00185061	0.355187	-2.81542	0.143774	0.6929198	-1.44667	0.485541	1.18055	1.18055	0.05076	0.593757	-1.68419	0.163504	0.803538	-1.2445	0.0745509	1.59248	1.59248	0.946374	0.984369	-1.01588	0.449557	1.19778	1.19778	5.470055	2.75297	0.772292	1
cg02892650	LRRC36;LRRC36	0.0250585	0.587067	0.84741	-1.18008	0.440974218	0.932457	-1.19282	0.0162177	0.402596	-2.48388	0.895687	0.960271	-1.04137	0.0153134	0.426819	-2.34255	0.0009994	0.569001	-1.75747	0.0167042	0.464559	-2.15266	0.525017	0.60709	-1.64744	0.0407375	0.802734	-1.24566	4.82107	6.57744	1.54462	1
cg03802507	LRRC37A3	0.0163803	0.745528	1.34133	1.34133	0.473909	0.827035	-1.20881	0.0002803	0.2511868	-3.98242	0.0018842	0.2822522	3.54357	0.0001459	0.1982384	-5.04442	0.000184	0.146452	6.829993	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg17642873	LRRC37A3	0.00265628	0.455861	0.921567	-1.08511	0.620257	0.947699	-1.05519	0.0003748	0.5424051	-1.84364	0.408982	1.09508	1.09508	0.00385452	0.557845	1.52011	0.0783137	0.810303	-1.23411	0.0027819	0.641776	-1.55818	0.996488	0.999527	-1.00047	0.0222402	1.34276	1.34276	8.87206	6.62529	0.162838	1
cg08275354	LRRC37A3	0.00696538	0.40594	1.10577	1.10577	0.1485	1.21465	1.21465	0.0014952	0.2512987	1.54382	0.183776	0.2822656	3.54221	0.0127496	0.2956603	3.38264	0.0312474	1.44185	1.441851	0.0023999	0.16055	6.228313	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg04603928	LRRC37A3	0.00855793	0.0522119	0.551261	-1.81402	0.891348	1.03755	1.03755	0.0576183	0.560435	-1.78433	0.731002	0.911125	-1.09754	0.00061963	0.2415538	4.14014	0.0214072	0.474465	-2.10764	0.00659236	0.386195	-2.58937	0.864737	0.955058	-1.04706	0.00865612	0.405501	-2.46608	0.216067	7.15473	1.02401	1
cg05932278	LRRC37A3	0.0107386	0.0228378	0.60545	-1.65149	0.673699	1.020457	-1.08642	0.0100307	0.5737242	-1.74294	0.925647	0.981898	-1.01844	0.00237694	0.43642	-2.2917	0.347693	0.827595	-1.20832	0.1514504	0.742423	1.347033	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00307	0.183383	0.0340497	1.5742	1
cg15784521	LRRC37A3	0.0334056	0.183524	2.9895	1.23985	0.0111398	0.554446	-1.8036	0.0160644	0.570093	-1.72684	0.824337	1.04207	1.04207	0.013948	0.56956	1.75754	0.407455	1.17007	1.17007	0.159485	0.7648	-1.32135	0.749251	1.06124	1.06124	0.279734	0.813973	1.23157	3.932274	2.13997	0.483682	1
cg00748958	LRRC37B	0.00023564	4.34E-05	0.201973	-4.95116	0.220562	0.766847	-1.30404	0.00879902	0.98898	1.98898	0.00593921	2.09926	2.09926	0.0265964	0.581757	-1.71893	0.00199339	2.45878	2.45878	0.00213369	2.4337	2.4337	0.0437541	1.61248	1.61248	0.952374	1.01239	1.01239	17.5703	11.8227	0.598114	1
cg00746453	LRRC37B	0.0150509	0.588334	1.08134	1.08134	0.1624386	1.16517	-1.16517	0.147977	0.7423549	-1.34715	0.9116564	1.01453	1.01453	-1.21426	0.490191	-2.03999	0.421527	1.10816	1.108161	0.0004398	0.59515	1.679512	-1.25735	0.6196162	0.702518	1.42345	0.818124	1.22191	2.50444	2.02055	1
cg26968087	LRRC37B	0.00830326	0.314439	0.887146	-1.12721	0.0434181	1.69427	-1.69427	0.728529	1.04065	1.04065	0.405099	1.19878	1.19878	0.0121818	0.699617	-1.42935	0.393976	1.10359	1.10359	0.0039926	1.55654	1.55654	0.296236	1.13184	1.13184	0.724423	0.94131	-1.06131	6.27021	1.29848	0.184077	1
cg23191872	LRRC37B	0.0107454	0.773875	0.94629	-1.05639	0.2126451	0.98637	-1.01374	0.0002803	0.2511868	-3.98242	0.0018842	0.2822522	3.54357	0.0001459	0.1982384	-5.04442	0.000184	0.146452	6.829993	0.0001804	0.1964512	5.090193	0.0001468	0.05	0.05	0.0001	0.707107	1.414214	0.0002858	0.176783	1.98512	0.00

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00954161	LRRC47	0.0373341	0.121447	0.646834	-1.54599	0.00547666	0.387611	-2.57991	0.0507329	0.561251	-1.78173	0.228871	0.720613	-1.38771	0.279532	0.746992	-1.3387
cg08544746	LRRC47;LRRC47	0.00244305	0.299192	0.893156	-1.11963	0.0446635	1.27389	1.27389	0.000514499	1.76698	1.76698	0.56032	1.06379	1.06379	0.168119	1.16679	1.16679
cg13695956	LRRC48;LRRC48	0.0156199	0.846159	0.917188	-1.09029	0.529234	0.753025	-1.32798	0.4083	1.457	1.457	0.00381822	0.176262	-5.67337	0.903527	1.05544	1.05544
cg23957660	LRRC48;LRRC48;LRRC48;LRRC48	0.000163011	0.000948676	0.426016	-2.34733	0.0064181	0.541182	-1.84781	8.04E-06	0.184386	-5.4234	0.0067878	0.544709	-1.83584	0.000434583	0.381668	-2.62008
cg03153397	LRRC48;LRRC48;LRRC48;LRRC48	0.00365475	0.212432	0.77058	-1.29772	0.853369	0.963952	-1.0374	0.015643	1.80047	1.80047	0.139525	0.729405	-1.37098	0.000164181	0.279387	-3.57927
cg02915739	LRRC48;LRRC48;LRRC48;LRRC48	0.00507317	0.198499	1.47571	1.47571	0.347338	1.3193	1.3193	0.986885	0.995304	-1.00472	0.0103158	2.52312	2.52312	0.0764399	0.568695	-1.75841
cg18240347	LRRC48;LRRC48;LRRC48;LRRC48	0.00864525	0.427701	0.864188	-1.15716	0.395701	1.16975	1.16975	0.0160855	1.70057	1.70057	0.627626	1.09211	1.09211	0.000842194	0.404501	-2.47218
cg16191656	LRRC48;LRRC48;LRRC48;LRRC48	0.0292962	0.175114	0.722499	-1.38408	0.881962	0.967065	-1.03406	0.142171	1.42713	1.42713	0.555607	0.874269	-1.14381	0.00067664	0.309978	-3.22603
cg25733898	LRRC49	0.000121372	0.22696	0.836626	-1.19528	0.00402684	0.58083	-1.72167	0.500703	0.90836	-1.10089	7.73E-06	0.251566	-3.97511	0.253059	0.845467	-1.18278
cg10073698	LRRC49	0.0102515	0.62698	1.08697	1.08697	0.762726	0.949746	-1.05291	0.00102129	2.29162	2.29162	0.00298216	0.499684	-2.00127	0.902367	1.02112	1.02112
cg26269974	LRRC49	0.0185615	0.668853	1.11302	1.11302	0.616037	0.881766	-1.13409	0.41186	1.23222	1.23222	0.00801266	2.32934	2.32934	0.51161	0.847329	-1.18018
cg04650486	LRRC49	0.0249132	0.94144	1.01352	1.01352	0.280881	1.22742	1.22742	0.0113028	1.78603	1.78603	0.0831471	0.704185	-1.42008	0.00585131	1.93401	1.93401
cg11323113	LRRC49	0.0302878	0.147626	1.27512	1.27512	0.00761433	0.584601	-1.71057	0.286252	0.840933	-1.18916	0.21795	1.22476	1.22476	0.716674	1.05867	1.05867
cg01710857	LRRC49;THAP10	0.000580974	0.159355	0.823675	-1.21407	5.77E-05	0.382112	-2.61703	0.0035141	1.66627	1.66627	0.00531623	1.606	1.606	0.535001	1.08441	1.08441
cg07161172	LRRC49;THAP10	0.0149121	0.0281199	0.479237	-2.08665	0.623065	0.868906	-1.15087	0.0771847	1.74601	1.74601	0.132371	0.630891	-1.58506	0.055136	0.539698	-1.85289
cg18517195	LRRC49;THAP10	0.0337944	0.122569	0.864673	-1.15651	0.235724	1.11403	1.11403	0.0248392	1.26126	1.26126	0.0954019	1.17258	1.17258	0.623728	1.0439	1.0439
cg07871590	LRRC4;SND1	0.00121464	0.619113	0.950004	-1.05263	0.991649	1.00107	1.00107	0.0100571	1.3944	1.3944	0.540566	0.938563	-1.06546	0.0011922	0.614977	-1.62608
cg17745392	LRRC4B	0.00472516	0.0586197	2.07327	2.07327	0.00160067	4.68877	4.68877	0.00119674	5.05466	5.05466	0.030177	2.38699	2.38699	0.321623	1.41833	1.41833
cg13717553	LRRC4B	0.00722567	0.0261424	1.8798	1.8798	0.0152479	2.03948	2.03948	0.299784	1.29307	1.29307	0.0103366	2.16558	2.16558	0.022841	0.521297	-1.91829
cg07522981	LRRC4B	0.0114494	0.635725	0.955386	-1.0467	0.179245	1.14621	1.14621	0.00297251	1.47685	1.47685	0.365572	1.09299	1.09299	0.0446725	0.802142	-1.24666
cg04996728	LRRC4B	0.0251599	0.542566	1.15672	1.15672	0.21965	0.737219	-1.35645	0.27101	1.31086	1.31086	0.22551	0.740339	-1.35073	0.000853532	0.306207	-3.26577
cg09438320	LRRC4B	0.026153	0.845454	1.09784	1.09784	0.186892	1.95267	1.95267	0.00965543	4.79025	4.79025	0.286731	1.6975	1.6975	0.0500315	2.91223	2.91223
cg05825702	LRRC4B	0.0299228	0.389271	1.07226	1.07226	0.0223055	0.805299	-1.24178	0.451101	0.941093	-1.06259	0.436657	1.06476	1.06476	0.44269	0.939985	-1.06385
cg08280044	LRRC4B	0.0372247	0.93643	1.04022	1.04022	0.104243	2.40627	2.40627	0.00373987	6.92752	6.92752	0.304191	1.6923	1.6923	0.341349	1.62374	1.62374
cg24476761	LRRC4B	0.0435053	0.639862	0.861637	-1.16058	0.913398	0.966206	-1.03498	0.00746902	2.96975	2.96975	0.952603	0.981391	-1.01896	0.36213	1.34449	1.34449
cg16212298	LRRC4B	0.043933	0.534732	1.35377	1.35377	0.433989	1.46905	1.46905	0.0113273	4.60765	4.60765	0.657276	1.24002	1.24002	0.821531	1.11499	1.11499
cg26629969	LRRC4B	0.045217	0.624057	0.902546	-1.10798	0.0551974	0.636864	-1.57019	0.0914795	0.67993	-1.47074	0.0429724	1.62169	1.62169	0.0238144	0.571259	-1.75052
cg27130665	LRRC4C	0.00123283	0.0544099	0.725645	-1.37808	0.574075	1.08703	1.08703	0.00345113	0.557944	-1.79229	0.734699	0.95125	-1.05125	4.95E-05	0.326368	-3.06403
cg25075015	LRRC4C	0.00148466	0.150891	0.794855	-1.25809	0.000111252	0.362872	-2.75579	0.119903	0.777521	-1.28614	0.0617188	0.730635	-1.36867	0.712562	1.05674	1.05674
cg22692362	LRRC4C	0.00247496	0.000582345	0.437571	-2.28535	0.0104785	1.6498	1.6498	0.659953	0.933508	-1.07123	0.0752927	0.735094	-1.36037	0.00143616	0.488611	-2.04662
cg03818576	LRRC4C	0.0443522	0.0227914	0.211267	-4.73335	0.00351951	0.104587	-9.56144	0.0332297	0.24171	-4.13718	0.601172	0.740157	-1.35106	0.0294909	0.231658	-4.31671
cg23850899	LRRC4C;LRRC4C	0.000546546	0.483208	0.929772	-1.07553	0.052428	0.798211	-1.2528	0.000198854	1.89376	1.89376	0.138082	1.17723	1.17723	0.0300379	1.29794	1.29794
cg09147985	LRRC4C;LRRC4C	0.00268736	0.256524	1.31183	1.31183	0.000150352	0.225004	-4.44436	0.587991	0.882181	-1.13355	0.408669	0.823925	-1.2137	0.253053	0.760644	-1.31468
cg06370205	LRRC50	0.00559919	0.945549	1.011	1.011	0.245243	1.21486	1.21486	0.0146694	0.618096	-1.61787	0.71992	0.943974	-1.05935	0.280836	0.83569	-1.19662
cg05215011	LRRC50	0.0157198	0.0150912	0.22254	-4.49356	0.02631	0.265592	-3.76517	0.0380909	0.298301	-3.35232	0.140357	0.450163	-2.22142	0.142134	0.452006	-2.21236
cg07804857	LRRC50	0.0369715	0.0206786	0.233699	-4.279	0.867166	1.09127	1.09127	0.552628	0.730937	-1.36811	0.80392	1.13859	1.13859	0.0085264	0.173538	-5.76241
cg10202648	LRRC50;HSDL1;HSDL1	0.0116167	0.902772	1.02009	1.02009	0.0106473	1.68668	1.68668	0.968066	1.00654	1.00654	0.891661	0.97806	-1.02243	0.226217	1.22981	1.22981
cg26359240	LRRC50;HSDL1;HSDL1	0.0400444	0.0141559	0.190373	-5.25286	0.00519524	0.132514	-7.54638	0.917279	0.944664	-1.05858	0.378555	0.609557	-1.64053	0.0370292	0.265299	-3.76933
cg01205021	LRRC50;HSDL1;LRRC50;HSDL1	0.000720588	0.858757	0.958014	-1.04383	0.179438	1.40969	1.40969	0.924578	0.977457	-1.02306	0.853114	1.04564	1.04564	0.881951	0.964852	-1.03643
cg15328271	LRRC52;LOC400794	0.0353927	0.0146996	0.205774	-4.85969	0.0448151	0.29748	-3.36157	0.111815	0.401877	-2.48833	0.604449	1.31667	1.31667	0.00697273	0.159238	-6.27992
cg09667650	LRRC55	0.000127831	0.000634692	0.205994	-4.85451	0.00565839	0.335237	-2.98297	0.00018214	0.148753	-6.72254	0.141239	0.621082	-1.61009	0.00082801	0.219676	-4.55216
cg15121860	LRRC55	0.00117273	0.0280098	0.598222	-1.67162	0.645538	1.09601	1.09601	0.0006232	0.352821	-2.8343	0.075154	1.48028	1.48028	0.020294	1.73997	1.73997
cg25512791	LRRC55	0.0097119	0.00244126	0.375001	-2.66666	0.776542	0.935963	-1.06842	0.00666695	0.441016	-2.26749	0.288892	0.774111	-1.2918	0.000928874	0.3167	-3.15757
cg25273160	LRRC55	0.0184492	0.108448	0.394922	-2.53214	0.113205	0.400672	-2.49581	0.00755433	0.161459	-6.19351	0.0674211	0.337131	-2.96621	0.0117278	0.188145	-5.31506
cg23928963	LRRC55	0.0217503	0.870427	0.938308	-1.06575	0.174027	0.568874	-1.75786	0.00762329	0.262308	-3.81232	0.0270608	0.360271	-2.77569	0.0960883	0.490247	-2.03979
cg02646528	LRRC55;LRRC55	0.000181211	2.89E-05	0.268022	-3.73103	0.508354	0.897951	-1.11365	0.025525	0.653291	-1.53071	0.0243562	0.650217	-1.53795	5.28E-05	0.29773	-3.35875
cg18049513	LRRC56	0.000115348	0.0127872	0.483155	-2.06973	0.00704001	0.440694	-2.26915	0.0154467	0.497128	-2.01155	0.0815589	1.57467	1.57467	5.43E-05	0.170443	-5.86707
cg02837194	LRRC56	0.00983708	0.303125	1.31249	1.31249	0.0470277	0.560175	-1.78516	0.00182537	0.323268	-3.09341	0.986368	1.00436	1.00436	0.110141	1.55879	1.55879
cg19171175	LRRC56	0.0106243	0.471909	1.2411	1.2411	0.000493937	0.199853	-5.00367	0.00710005	0.358192	-2.7918	0.0541456	0.524579	-1.90629	0.192454	0.665501	-1.50263
cg11130223	LRRC56	0.0225774	0.0891218	1.49966	1.49966	0.0398384	1.6713	1.6713	0.303476	1.25907	1.25907	0.259254	1.28968	1.28968	0.509701	0.865405	-1.15553
cg04823676	LRRC56	0.0425696	0.464369	0.768677	-1.30094	0.0640224	0.479342	-2.0862	0.00583322	0.279336	-3.57992	0.701446	0.872769	-1.14578	0.00301999	0.237833	-4.20464
cg12349947	LRRC57	0.0122332	0.707778	1.12825	1.12825	0.00335344	0.278302	-3.59322	0.000752563	0.19441	-5.14378	0.468221	1.26683	1.26683	0.135713	0.597342	-1.67408
cg22367246	LRRC57;HAUS2;HAUS2	0.00179392	0.0303916	1.63649	1.63649	0.378187	1.19126	1.19126	0.0641404	1.4958	1.4958	0.337992	1.21068	1.21068	0.19005	0.764419	-1.30818
cg06484986	LRRC57;HAUS2;HAUS2	0.0180572	0.0741433	1.1955	1.1955	0.659391	1.0406	1.0406	0.929401	0.99208	-1.00798	0.043498	0.811954	-1.2316	0.192897	0.883693	-1.13161
cg22693042	LRRC58	0.00248963	0.257509	0.756019	-1.32272	0.313787	0.781466	-1.27965	0.458354	1.1957	1.1957	0.0574954	0.601403	-1.66278	0.198116	0.724739	-1.37981
cg27304813	LRRC58	0.0241275	0.22998	0.865752	-1.15507	0.0335453	1.32871	1.32871	0.0624813	1.27121	1.27121	0.272359	0.877421	-1.1397	0.426725	1.09734	1.09734
cg24828811	LRRC58	0.028892	0.24791	0.780733	-1.28085	0.00906902	0.506865	-1.97291	0.033479	0.601055	-1.66374	0.422498	1.1828	1.1828	0.0456468	1.59931	1.59931
cg00495311	LRRC58	0.0329259	0.357285	0.840101	-1.19033	0.00547638	1.95859	1.95859	0.289837	1.22407	1.22407	0.700312	1.07377	1.07377	0.0987448	0.716654	-1.39537
cg21011621	LRRC59	0.000621982	0.0979816	0.720838	-1.38727	0.0630006	1.45814	1.45814	0.0704249	0.694439	-1.44001	0.350306	0.84083	-1.1893	0.000452584	0.36903	-2.70981
cg19149410	LRRC59	0.00461262	0.0153764	0.563136	-1.77577	0.00133933	3.83417	3.83417	0.0426395	1.4765	1.4765	0.612169	0.937303	-1.06689	0.0109943	0.522974	-1.91214
cg17292463	LRRC59	0.00505293	0.0255259	0.822217	-1.21622	0.98968	1.00095	1.00095	0.00922937	0.783678	-1.27603	0.000205245	0.632034	-1.58219	0.00628425	0.769068	-1.30028
cg09592867	LRRC59	0.00984577	0.0411361	0.56839	-1.75936	0.238293	0.743671	-1.34468	0.00194857	0.349754	-2.85915	0.041378	0.568887	-1.75782	0.218625	0.733275	-1.36374
cg23247955	LRRC59	0.01186	0.158188	0.59654	-1.67633	0.0419661	2.23131	2.23131	0.0620456	2.05325	2.05325	0.0548945	2.10747	2.10747	0.219814	0.642873	-1.55552
cg15574642	LRRC59	0.0121381	0.0368817	0.534464	-1.87103	0.00145018	0.304474	-3.28436	0.221887	0.717628	-1.39348	0.19769	0.703352	-1.42176	0.360106	0.784144	-1.27528
cg20508508	LRRC59	0.013764	0.0194103	0.325588	-3.07137	0.00345785	0.206773	-4.83621	0.016416	0.312125	-3.20385	0.0926144	0.479612	-2.08502	0.0146731	0.303368	-3.29633
cg07569756	LRRC59	0.0311862	0.967859	0.993616	-1.00643	0.0517202	1.42179	1.42179	0.0743417	1.37168	1.37168	0.306739	0.845195	-1.18316	0.42309	1.13889	1.13889
cg00814918	LRRC59	0.0387392	0.0474615	0.53389	-1.87304	0.0571661	0.551239	-1.8141	0.0313031	0.49698	-2.01215	0.68565	0.893484	-1.11921	0.0926731	0.599229	-1.66881
cg06973753	LRRC59;LRRC59	0.0447031	?	?	?	0.148673	0.446893	-2.23767	0.363423	0.615281	-1.62527	0.839968	1.11086	1.11086	0.00110734	0.0821215	-12.1771
cg13755023	LRRC6	0.00237219	0.882384	0.985703	-1.0145	0.115649	0.846743	-1.181	0.346259	1.09894	1.09894	0.907402	1.01138	1.01138	0.248134	0.889193	-1.12461
cg22678977	LRRC6	0.00482218	0.346734	1.29332	1.29332	0.00215454	0.318677	-3.13798	0.0230976	0.486197	-2.05678	0.343584	1.29563	1.29563	0.559352	1.16967	1.16967
cg26686544	LRRC6	0.0109588	0.632127	0.824336	-1.2131	0.222414	0.598367	-1.67121	0.49374	0.757031	-1.32095	0.121458	0.510456	-1.95903	0.000352237	0.100311	-9.96901
cg02185675	LRRC6	0.0133983	0.169404	1.65869	1.65869	0.596673	1.20276	1.20276	0.0185819	0.372865	-2.68194	0.116898	0.554976	-1.80188	0.105062	0.542129	-1.84458
cg21449015	LRRC6	0.0299179	0.600875	0.847087	-1.18052	0.0270804	0.439242	-2.27665	0.00453729	0.304596	-3.28304	0.839074	1.06602	1.06602	0.0111781	0.368002	-2.71738
cg16568641	LRRC6	0.03293	0.224012	1.5626	1.5626	0.0281225	0.40409	-2.4747	0.159404	0.591305	-1.69117	0.0447592	2.23672	2.23672	0.435063	0.757083	-1.32086
cg21019315	LRRC6	0.0499781	0.424892	0.836077	-1.19606	0.125222	1.43993	1.43993	0.493222	1.16519	1.16519	0.0798359	0.652431	-1.53273	0.525136	0.868079	-1.15197
cg06975979	LRRC61;ACTR3C;LRRC61	0.0142935	0.0554672	3.03565	3.03565	0.413476	1.53372	1.53372	0.11345	2.41366	2.41366	0.141713	2.24407	2.24407	0.790895	1.14562	1.14562
cg19183166	LRRC61;ACTR3C;LRRC61	0.0467503	0.0378897	8.71813	8.71813	0.529164	1.77438	1.77438	0.161271	3.84097	3.84097	0.117741	4.60937	4.60937	0.435828	2.04444	2.04444
cg25577090	LRRC61;LRRC61	0.0154915	0.49482	0.893298	-1.11945	0.997084	1.0006	1.0006	0.427087	0.87635	-1.1411	0.49207	0.892635	-1.12028	0.532509	0.902211	-1.10839
cg11822642	LRRC61;LRRC61	0.025398	0.0661356	0.389181	-2.5695	0.0015405	0.124202	-8.05143	0.0392913	0.335602	-2.97972	0.333611	0.633438	-1.57869	0.00785305	0.209773	-4.76707
cg02376806	LRRC66	1.33E-05	7.99E-05	2.494	2.494	2.62E-05	0.343833	-2.90839	2.16E-05	0.334225	-2.992	0.0190836	1.43898	1.43898	0.064685	0.766296	-1.30498
cg01228065	LRRC66	0.00306714	0.00705591	0.578112	-1.72977	0.155158	0.787103	-1.27048	0.000365759	0.407219	-2.45568	0.0347975	0.678977	-1.4728	0.00076845	0.448596	-2.22918
cg04267605	LRRC66	0.0242789	0.985909	0.99476	-1.00527	0.43354	0.788405	-1.26838	0.00325115	0.303042	-3.29987	0.516832	0.8224	-1.21595	0.0810046	0.562389	-1.77813
cg03848857	LRRC66	0.0302042	0.00140165	0.189249	-5.28405	0.303852	1.46688	1.46688	0.167537	1.69771	1.69771	0.648697	0.847879	-1.17941	0.237032	0.640374	-1.56159
cg26623455	LRRC67	0.00206865	0.0403103	0.669855	-1.49286	0.259611	1.22009	1.22009	0.000476055	0.395386	-2.52917	0.00151799	2.16518	2.16518	0.324741	0.841966	-1.1877
cg25242004	LRRC67	0.0105454	0.790112	1.03571	1.03571	0.0569618	0.753255	-1.32757	0.0164133	1.47075	1.47075	0.451813	0.904083	-1.10609	0.225416	0.845803	-1.18231
cg27129564	LRRC69	0.00117457	0.0498243	0.494138	-2.02373	0.374068	0.750141	-1.33308	0.128818	0.596196	-1.6773	0.00159384	0.23991	-4.16823	0.000274836	0.152995	-6.53618
cg08181774	LRRC69	0.00316169	0.0024453	0.28365	-3.52547	0.221842	0.681317	-1.46774	0.836853	1.06356	1.06356	0.862916	1.053	1.053	0.261741	0.704864	-1.41871
cg12750031	LRRC69	0.00351594	0.0150373	0.343834	-2.90838	0.0477292	2.24503	2.24503	0.464371	0.766427	-1.30475	0.641832	1.18215	1.18215	0.000215882	0.110188	-9.07543
cg02094071	LRRC69	0.0108599	0.546185	1.09801	1.09801	0.407769	1.13841	1.13841	0.00212438	0.516304	-1.93684	0.957949	0.99196	-1.0081	0.269105	0.838457	-1.19267
cg27620524	LRRC69	0.0303241	0.289149	0.778886	-1.28389	0.00214251	0.375569	-2.66263	0.057096	0.613305	-1.63051	0.226125	0.749266	-1.33464	0.35539	1.24099	1.24099
cg17628695	LRRC69	0.0388235	0.215748	0.741655	-1.34834	0.0195797	0.523576	-1.90994	0.0166219	0.511242	-1.95602	0.0489833	0.597119	-1.67471	0.0125126	0.49034	-2.0394
cg26410632	LRRC7	0.010182	0.0839296	1.43318	1.43318	0.618359	0.909817	-1.09912	0.00138584	0.417972	-2.39251	0.798653	1.04928	1.04928	0.180983	1.3064	1.3064
cg15077416	LRRC7	0.0238741	0.0463567	0.57964	-1.72521	0.121597	0.669607	-1.49341	0.0104416	0.462806	-2.16073	0.17444	0.708064	-1.4123	0.00326874	0.383612	-2.6068
cg21681702	LRRC7	0.0290119	0.130023	0.736124	-1.35847	0.234417	1.263	1.263	0.039416	0.639952	-1.56262	0.878346	1.02911	1.02911	0.484237	0.875322	-1.14244
cg01834373	LRRC7	0.0337973	0.354627	1.22927	1.22927	0.526303	1.14933	1.14933	0.00128106	0.3614	-2.76702	0.414449	1.19821	1.19821	0.562179	0.880708	-1.13545
cg24902362	LRRC7	0.0340104	0.251352	0.824881	-1.2123	0.169395	0.790445	-1.26511	0.0198681	0.636581	-1.57089	0.141771	0.775869	-1.28888	0.0682776	0.720415	-1.38809
cg16550656	LRRC70;IPO11;IPO11	0.0147524	0.0950338	1.4802	1.4802	0.0211413	0.552846	-1.80882	0.014405	0.373528	-2.67717	0.451004	0.848587	-1.17843	0.468915	0.854252	-1.17061
cg26312802	LRRC7;PIN1L	0.000795995	0.352511	1.12338	1.12338	0.945837	1.0083	1.0083	0.00015038	0.453187	-2.2066	0.0395639	0.748655	-1.33573	0.448301	1.09853	1.09853
cg27331233	LRRC7;PIN1L	0.00138555	0.000185859	0.214817	-4.65512	0.791063	0.937343	-1.06685	0.0332683	0.545321	-1.83378	0.000608756	0.276028	-3.62282	0.125364	0.667488	-1.49815
cg04348023	LRRC7;PIN1L	0.0449039	0.934813	0.968692	-1.03232	0.811722	0.911383	-1.09723	0.396694	0.713567	-1.40141	0.532352	1.27881	1.27881	0.00730647	0.260532	-3.83831
cg05715828	LRRC8A;CCBL1;CCBL1;CCBL1;LRRC8A	0.0128266	0.00383209	0.109782	-9.10895	0.0582435	0.29729	-3.36371	0.376536	0.597906	-1.6725	0.482834	0.66749	-1.49815	0.0675718	0.313277	-3.19206
cg13752043	LRRC8A;CCBL1;CCBL1;LRRC8A;CCBL1;LRRC8A	0.0466809	0.130202	0.826252	-1.21029	0.177818	1.18199	1.18199	0.0821989	1.25212	1.25212	0.548424	0.931549	-1.07348	0.690454	0.954335	-1.04785
cg14443692	LRRC8A;LRRC8A;LRRC8A	1.02E-06	0.452051	1.06749	1.06749	0.915057	1.00914	1.00914	0.000289374	0.604103	-1.65535	0.0405273	1.22341	1.22341	1.48E-08	0.15261	-6.55266
cg22257667	LRRC8A;LRRC8A;LRRC8A	0.0120464	0.238527	0.797351	-1.25415	0.14882	1.32848	1.32848	0.0011665	0.417087	-2.39758	0.98888	1.00256	1.00256	0.711992	0.934239	-1.07039
cg13962589	LRRC8A;LRRC8A;LRRC8A	0.0399374	0.0238694	0.326598	-3.06188	0.555037	1.28121	1.28121	0.108858	0.483921	-2.06645	0.351107	0.671433	-1.48935	0.00590525	0.224252	-4.45927
cg18879646	LRRC8B	0.000155631	0.00590282	2.2995	2.2995	0.460789	1.18957	1.18957	0.0189241	1.92916	1.92916	0.0350548	1.76422	1.76422	0.0431969	1.71205	1.71205
cg11295466	LRRC8B	0.00746511	0.693775	1.04425	1.04425	0.0545966	1.26945	1.26945	0.00847446	1.44446	1.44446	0.416586	0.913158	-1.0951	0.00808635	1.44937	1.44937
cg10025904	LRRC8B	0.0102969	0.0120684	2.66692	2.66692	0.0662938	1.90696	1.90696	0.105047	1.7421	1.7421	0.092616	1.78601	1.78601	0.0294319	2.23394	2.23394
cg00660251	LRRC8B	0.0120748	0.751993	1.05484	1.05484	0.608151	0.916594	-1.091	0.132865	0.761031	-1.31401	0.689571	1.06996	1.06996	0.832995	0.965065	-1.0362
cg17265729	LRRC8B	0.0189982	0.495676	0.882111	-1.13364	0.126334	1.3497	1.3497	0.00184042	2.23018	2.23018	0.0918296	0.714238	-1.40009	0.0752607	0.698278	-1.43209
cg18169869	LRRC8B	0.0332172	0.784747	1.04229	1.04229	0.00268944	0.533961	-1.87279	0.575596	0.918	-1.08932	0.166388	1.25009	1.25009	0.0283848	0.67612	-1.47903
cg09818397	LRRC8B;LRRC8B	0.0257688	0.599536	1.24033	1.24033	0.997779	1.00113	1.00113	0.804115	1.1063	1.1063	0.00439622	4.69215	4.69215	0.056657	0.416024	-2.4037
cg14254720	LRRC8C	0.000776033	0.0131513	1.32185	1.32185	0.304511	1.10132	1.10132	0.750971	1.02932	1.02932	2.67E-05	2.12339	2.12339	0.00820585	1.35925	1.35925
cg21541030	LRRC8C	0.00340463	0.0034431	0.562403	-1.77808	0.0613883	0.736883	-1.35707	0.00416542	0.573317	-1.74423	0.958325	1.0076	1.0076	0.00070778	0.473533	-2.11179
cg13682345	LRRC8C	0.00633731	0.0435393	0.378072	-2.645	0.0932802	0.461307	-2.16775	0.0317692	0.348249	-2.87151	0.0472009	0.3861	-2.59	0.0207701	0.311454	-3.21075
cg05722456	LRRC8D;LRRC8D	7.92E-06	5.57E-05	0.148621	-6.72851	0.00107969	0.292973	-3.41329	0.208943	1.40058	1.40058	0.295415	0.758824	-1.31783	1.14E-06	0.0402641	-24.836
cg17971168	LRRC8D;LRRC8D	0.000548807	0.024247	1.32668	1.32668	0.000275845	0.534358	-1.87141	0.204716	0.868633	-1.15123	0.495187	0.929704	-1.07561	0.0893392	1.21792	1.21792
cg03922345	LRRC8D;LRRC8D	0.00948641	0.191969	1.4845	1.4845	0.253336	1.40662	1.40662	0.0487316	1.90366	1.90366	0.0409418	1.96347	1.96347	0.022781	0.458676	-2.18019
cg01533966	LRRC8D;LRRC8D	0.0109494	0.71969	1.11489	1.11489	0.00980291	0.373279	-2.67896	0.0153143	0.407202	-2.45578	0.834958	1.06499	1.06499	0.56062	1.19433	1.19433
cg01965380	LRRC8D;LRRC8D	0.0137993	0.0272406	0.311119	-3.21421	0.0129461	0.252004	-3.96819	0.0119751	0.246402	-4.05841	0.182485	0.531436	-1.8817	0.0125328	0.24966	-4.00545
cg17718703	LRRC8D;LRRC8D	0.0229821	0.0089569	0.211479	-4.7286	0.0050187	0.176429	-5.66801	0.0115719	0.228659	-4.37333	0.0408508	0.331803	-3.01383	0.0198019	0.268485	-3.7246
cg19927780	LRRC8D;LRRC8D	0.0237633	0.846242	1.055	1.055	0.731887	0.909514	-1.09949	0.722568	1.1033	1.1033	?	?	?	0.228468	1.41705	1.41705
cg06825153	LRRC8D;LRRC8D	0.025077	0.487135	1.14283	1.14283	0.981791	1.00432	1.00432	0.204112	1.28844	1.28844	0.0172919	0.577929	-1.73031	0.303431	1.22331	1.22331
cg15100945	LRRC8D;LRRC8D;LRRC8D	0.000681908	6.48E-05	0.165358	-6.04749	0.0101864	0.451744	-2.21364	0.136804	1.48153	1.48153	0.0652875	0.602004	-1.66112	0.206381	1.38662	1.38662
cg07594804	LRRC8E	0.00196881	?	?	?	0.863583	1.016	1.016	0.0210779	0.774104	-1.29182	0.474275	0.935041	-1.06947	0.414807	1.07997	1.07997
cg24121733	LRRC8E	0.00318389	0.0313011	1.70854	1.70854	0.00401533	2.26958	2.26958	0.00885187	0.493372	-2.02687	0.0351127	1.6828	1.6828	0.00694775	0.476867	-2.09702
cg26149920	LRRC8E	0.00441263	0.0209423	1.93662	1.93662	0.000764827	3.36276	3.36276	0.256394	0.754403	-1.32555	0.16376	1.42409	1.42409	0.00757445	2.26413	2.26413
cg21215336	LRRC8E	0.00565289	0.0250874	1.98921	1.98921	0.0308859	1.92354	1.92354	0.058493	1.73621	1.73621	0.11109	1.56517	1.56517	0.0631138	1.71516	1.71516
cg16265012	LRRC8E	0.00628925	0.162162	0.77742	-1.28631	0.000652917	2.41447	2.41447	0.00225517	0.486203	-2.05676	0.389998	0.861915	-1.16021	0.452573	1.13779	1.13779
cg25355137	LRRC8E	0.0117175	0.13337	0.771094	-1.29686	0.0222918	1.55229	1.55229	0.0163335	0.62416	-1.60215	0.149469	0.780254	-1.28163	0.231541	0.81753	-1.2232
cg19032797	LRRC8E	0.0122479	0.0107321	0.172505	-5.79693	0.00652164	0.144057	-6.94167	0.0120385	0.179694	-5.56502	0.0491499	0.292026	-3.42436	0.00406204	0.12071	-8.28433
cg27525155	LRRC8E	0.0141968	0.960725	0.98754	-1.01262	0.00696209	2.43243	2.43243	0.488683	0.836026	-1.19614	0.0648705	0.589858	-1.69532	0.86792	1.04329	1.04329
cg17731776	LRRC8E	0.019027	0.418919	0.825822	-1.21091	0.0441743	1.70868	1.70868	0.0806404	0.638299	-1.56666	0.152788	1.42592	1.42592	0.0791568	1.57089	1.57089
cg17494927	LRRC8E	0.0264357	0.208067	1.68416	1.68416	0.0960837	2.04974	2.04974	0.842573	0.92488	-1.08122	0.397101	1.4057	1.4057	0.188899	0.578891	-1.72744
cg21756947	LRRC8E	0.0296825	0.101567	0.646463	-1.54688	0.0148658	0.482335	-2.07325	0.00284704	0.368047	-2.71704	0.0493184	0.579255	-1.72636	0.0267986	0.52812	-1.89351
cg19281083	LRRC8E;LRRC8E	0.0170023	0.0246821	12.3755	12.3755	0.031856	10.6509	10.6509	0.0995965	5.46018	5.46018	0.19781	3.59736	3.59736	0.0343349	10.1933	10.1933
cg02646225	LRRCC1;LRRCC1	0.000317693	0.00314112	0.223297	-4.47833	0.00272886	0.215158	-4.64774	0.00404772	0.238509	-4.19272	0.0221406	0.361078	-2.76948	0.000143935	0.0878482	-11.3833
cg02524003	LRRCC1;LRRCC1	0.00130913	0.19617	1.24641	1.24641	4.35E-05	0.28641	-3.49149	0.00547172	0.555019	-1.80174	0.997605	0.999516	-1.00048	0.274457	0.832556	-1.20112
cg05691468	LRRCC1;LRRCC1	0.00466184	0.111778	1.68635	1.68635	0.53984	0.829215	-1.20596	0.0914415	0.570735	-1.75213	0.973483	0.990021	-1.01008	0.676751	0.881169	-1.13486
cg08165661	LRRCC1;LRRCC1	0.0106247	0.72953	0.948864	-1.05389	0.00599189	1.7215	1.7215	0.0370918	1.44205	1.44205	0.437418	0.8871	-1.12727	0.00176109	0.509719	-1.96187

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00954161	0.109113	0.635503	-1.57356	0.0170385	0.470112	-2.12715	0.123005	1.54273	1.54273	0.21	0.709792	-1.40886	3.77746	4.02779	0.947796	1
cg08544746	0.211493	0.870896	-1.14824	0.00476819	0.674691	-1.48216	0.0747939	1.23171	1.23171	0.00313334	1.52833	1.52833	9.09347	1.58828	0.155255	1
cg13695956	0.00067529	0.0989469	-10.1064	0.91933	1.04611	1.04611	0.275074	0.603305	-1.65754	0.751353	0.868088	-1.15196	5.11166	16.0327	2.78799	1
cg23957660	0.00244883	0.48194	-2.07495	0.0299569	1.55616	1.55616	0.0827837	0.717003	-1.3947	0.285445	0.825207	-1.21182	19.4163	9.22162	0.42217	1
cg03153397	0.0120982	0.537518	-1.8604	0.583929	0.896061	-1.116	0.225991	1.28697	1.28697	0.762123	0.941536	-1.06209	8.06854	5.03189	0.554349	1
cg02915739	0.0140641	2.3824	2.3824	0.015768	2.33301	2.33301	0.00043333	4.921	4.921	0.0244182	2.1553	2.1553	7.30611	9.48898	1.15447	1
cg18240347	0.0288589	0.628434	-1.59126	0.0702386	1.44022	1.44022	0.252304	0.806095	-1.24055	0.707364	0.934281	-1.07034	6.19076	3.18582	0.45743	1
cg16191656	0.222959	0.749278	-1.33462	0.749066	1.07502	1.07502	0.744974	1.07634	1.07634	0.730548	0.925034	-1.08104	4.12138	3.31621	0.715232	1
cg25733898	3.39E-05	0.323304	-3.09306	0.0210117	1.47756	1.47756	0.605232	1.07608	1.07608	0.143624	0.801742	-1.24728	21.0208	6.58336	0.278385	1
cg10073698	0.080882	1.39043	1.39043	0.416865	1.15176	1.15176	0.753459	1.05512	1.05512	0.656407	0.926588	-1.07923	5.8638	2.69297	0.408225	1
cg26269974	0.222579	0.726891	-1.37572	0.00461729	0.391411	-2.55486	0.95685	1.01356	1.01356	0.0153976	0.477118	-2.09592	4.82495	4.73268	0.871889	1
cg04650486	0.118697	0.733712	-1.36293	0.62591	1.09398	1.09398	0.68714	1.07683	1.07683	0.132612	0.743286	-1.34538	4.36251	2.30931	0.470538	1
cg11323113	0.739292	0.949094	-1.05364	0.00670239	1.73347	1.73347	0.947077	0.989669	-1.01044	0.272341	0.836325	-1.19571	4.07299	1.57866	0.344525	1
cg01710857	0.0077512	0.643328	-1.55442	0.78459	0.965276	-1.03597	0.892357	0.982688	-1.01762	0.0442943	1.34716	1.34716	13.7065	3.61161	0.23422	1
cg07161172	0.000928839	0.246021	-4.06469	0.770867	0.920504	-1.08636	0.490657	0.819888	-1.21968	0.248065	1.40848	1.40848	5.19078	6.61427	1.13265	1
cg18517195	0.0490918	0.822653	-1.21558	0.0794198	0.844338	-1.18436	0.349709	0.919749	-1.08725	0.0479241	1.21716	1.21716	3.91639	0.468425	0.106317	1
cg07871590	0.979325	0.997351	-1.00266	0.000140727	0.510423	-1.95916	0.0135903	1.36685	1.36685	0.625309	1.05166	1.05166	11.1332	1.84693	0.147462	1
cg17745392	0.260841	1.49221	1.49221	0.0964923	1.86421	1.86421	0.0010806	5.19219	5.19219	0.0072033	3.26683	3.26683	7.46614	13.7747	1.63997	1
cg13717553	0.876887	1.03778	1.03778	0.0428876	0.572712	-1.74608	0.00791328	2.25841	2.25841	0.0738989	1.61037	1.61037	6.54993	5.93448	0.805366	1
cg07522981	0.160125	0.866285	-1.15436	0.284263	1.11226	1.11226	0.0262487	1.2868	1.2868	0.0065044	1.40253	1.40253	5.65891	0.819929	0.128792	1
cg04996728	0.71769	1.08954	1.08954	0.038576	0.567807	-1.76116	0.617837	1.12615	1.12615	0.527478	0.859663	-1.16325	4.34758	3.84146	0.78541	1
cg09438320	0.0519446	2.87995	2.87995	0.673425	0.816472	-1.22478	0.00154467	8.83093	8.83093	0.169741	2.01292	2.01292	4.28927	15.5431	3.22109	1
cg05825702	0.295667	1.08953	1.08953	0.0114779	0.77875	-1.28411	0.0284512	1.22688	1.22688	0.104071	1.15087	1.15087	4.09057	0.405065	0.0880214	1
cg08280044	0.371219	1.57448	1.57448	0.716831	0.835205	-1.19731	0.00386083	6.85201	6.85201	0.11714	2.31981	2.31981	3.7815	14.6384	3.44094	1
cg24476761	0.993862	0.997572	-1.00243	0.335334	0.730544	-1.36884	0.00355931	3.48376	3.48376	0.383799	1.32606	1.32606	3.57029	5.64698	1.40592	1
cg16212298	0.407943	1.50349	1.50349	0.149882	0.475337	-2.10377	0.00349972	6.74266	6.74266	0.129129	2.20345	2.20345	3.55729	13.0765	3.26754	1
cg26629969	0.278614	0.791486	-1.26345	0.265246	0.785839	-1.27252	0.257302	1.27813	1.27813	0.128722	1.40609	1.40609	3.51918	2.40155	0.606593	1
cg27130665	0.48558	0.901119	-1.10973	0.00522127	0.581894	-1.71853	0.616852	1.07693	1.07693	0.00292455	0.548442	-1.82335	11.086	3.79065	0.303939	1
cg25075015	0.821518	1.03427	1.03427	0.00178386	1.94099	1.94099	0.273152	1.18542	1.18542	0.0260672	0.674457	-1.48267	10.5106	3.70298	0.313162	1
cg22692362	0.246069	1.20746	1.20746	0.197284	0.809118	-1.23591	0.422474	1.13579	1.13579	0.0194491	0.644673	-1.55117	9.05883	3.46479	0.339979	1
cg03818576	0.16571	0.430246	-2.32425	0.0697992	0.31449	-3.17975	0.228752	0.486444	-2.05574	0.385596	0.60202	-1.66108	3.5447	18.2727	4.58216	1
cg23850899	0.808077	1.02518	1.02518	7.51E-05	0.479795	-2.08422	0.698959	1.04051	1.04051	0.401296	0.915959	-1.09175	13.9415	2.30559	0.147001	1
cg09147985	0.309786	0.785937	-1.27237	0.000430654	0.279008	-3.58412	0.460782	0.841901	-1.18779	0.552957	1.14747	1.14747	8.84165	7.35513	0.739443	1
cg06370205	0.000129427	0.344729	-2.90083	0.487552	0.893203	-1.11957	0.226424	1.22554	1.22554	0.172444	0.792519	-1.2618	7.08853	2.87876	0.360991	1
cg05215011	0.097745	0.400866	-2.4946	0.0011129	0.0892012	-11.2106	0.00873969	0.186218	-5.37006	0.0490442	0.322822	-3.09768	5.10085	20.4537	3.56432	1
cg07804857	0.0215792	0.237001	-4.21939	0.0301665	0.264452	-3.7814	0.995363	0.996973	-1.00304	0.0309958	0.266798	-3.74815	3.79093	16.3437	3.83224	1
cg10202648	0.0576272	0.705046	-1.41835	0.175971	0.79118	-1.26393	0.172193	1.26688	1.26688	0.00121709	0.46268	-2.16132	5.63243	2.36399	0.373076	1
cg26359240	0.461425	1.50807	1.50807	0.638401	1.2961	1.2961	0.0494688	0.292788	-3.41544	0.706154	0.81258	-1.23065	3.68163	17.5063	4.22671	1
cg01205021	0.678173	0.904402	-1.1057	6.50E-06	0.0890387	-11.2311	0.745038	0.924436	-1.08174	0.987376	1.00382	1.00382	12.9056	11.8514	0.816281	1
cg15328271	0.721387	0.828197	-1.20744	0.0400917	0.286841	-3.48625	0.0391393	0.284593	-3.51379	0.0561925	0.320315	-3.12192	3.85154	16.9053	3.90154	1
cg09667650	0.000265991	0.164916	-6.06369	2.72E-05	0.0827199	-12.089	0.000148687	0.140514	-7.11671	0.000417256	0.185487	-5.39123	20.7302	29.753	1.27578	1
cg15121860	0.547996	0.886625	-1.12787	0.909623	0.977774	-1.02273	0.0387153	0.622594	-1.60618	0.000164732	0.280449	-3.56571	11.2453	6.97815	0.551591	1
cg25512791	0.492973	0.8505	-1.17578	0.950069	1.01467	1.01467	0.0362083	0.567544	-1.76198	0.136197	0.68838	-1.45269	5.96608	5.11074	0.761451	1
cg25273160	0.518884	0.706828	-1.41477	0.00382982	0.126389	-7.9121	0.00850657	0.16833	-5.9407	0.0360476	0.274247	-3.64634	4.83484	21.5562	3.96312	1
cg23928963	0.132757	0.531151	-1.8827	0.629609	0.827328	-1.20871	0.0350241	0.383619	-2.60675	0.00146044	0.166503	-6.00588	4.5718	11.0168	2.14199	1
cg02646528	0.00384441	0.535283	-1.86817	0.235655	1.22064	1.22064	0.000510802	0.41871	-2.38829	0.000740416	0.439566	-2.27497	18.8687	7.69057	0.362296	1
cg18049513	0.000196014	0.229255	-4.36195	1.36E-05	0.117784	-8.49015	0.977596	1.00663	1.00663	0.00410483	0.404298	-2.47342	21.3099	18.6713	0.778826	1
cg02837194	0.0676882	0.593447	-1.68507	0.00537157	0.39276	-2.54609	0.28189	1.32989	1.32989	0.10049	0.632104	-1.58202	5.94173	6.11617	0.914985	1
cg19171175	0.0973943	0.584533	-1.71077	0.839286	1.06178	1.06178	0.451192	1.25433	1.25433	0.17467	0.653005	-1.53138	5.79698	7.99995	1.22669	1
cg11130223	0.833061	1.04668	1.04668	0.00367615	0.42793	-2.33683	0.541567	0.874967	-1.1429	0.0308405	0.578076	-1.72988	4.51359	3.33975	0.657718	1
cg04823676	0.11186	0.542441	-1.84352	0.648798	0.850451	-1.17585	0.314964	0.692747	-1.44353	0.735011	0.886905	-1.12752	3.59929	7.11469	1.75706	1
cg12349947	0.204528	0.651133	-1.53579	0.0390167	0.46505	-2.15031	0.867908	0.948056	-1.05479	0.436668	0.77547	-1.28954	5.53877	9.00843	1.44572	1
cg22367246	0.000854588	0.379212	-2.63705	0.0403207	1.58167	1.58167	0.000469113	0.345015	-2.89842	0.464729	1.15491	1.15491	9.95155	5.90494	0.527439	1
cg06484986	0.0041469	0.708329	-1.41177	0.00477478	0.714525	-1.39953	0.426278	1.07562	1.07562	0.763779	0.973319	-1.02741	4.86993	0.620989	0.113347	1
cg22693042	0.000117929	0.202836	-4.93009	0.0323579	1.80951	1.80951	0.157025	1.4308	1.4308	0.0279758	1.84884	1.84884	9.0431	8.02382	0.788699	1
cg27304813	0.165893	1.18426	1.18426	0.257747	1.14474	1.14474	0.00231076	1.62784	1.62784	0.201343	0.856891	-1.16701	4.4113	0.915262	0.184428	1
cg24828811	0.0663044	1.52507	1.52507	0.645938	1.09943	1.09943	0.452097	1.16996	1.16996	0.167761	0.739879	-1.35157	4.14169	2.75418	0.591103	1
cg00495311	0.364174	0.842304	-1.18722	0.0490428	0.661305	-1.51216	0.136207	0.744173	-1.34377	0.125836	1.3564	1.3564	3.95324	2.12057	0.47681	1
cg21011621	0.000243446	0.334907	-2.9859	0.00067362	0.391518	-2.55416	0.0257334	1.61229	1.61229	0.00959198	0.55356	-1.80649	13.4482	6.9264	0.457817	1
cg19149410	?	?	?	?	?	?	0.0187528	0.586331	-1.70552	?	?	?	47.365	6.23669	0.0658365	1
cg17292463	0.0901514	0.871309	-1.1477	0.909365	1.00844	1.00844	0.182129	0.900815	-1.11011	0.0324405	0.831354	-1.20286	7.31503	0.630336	0.0765955	1
cg09592867	0.00247284	0.364598	-2.74275	0.223325	1.35904	1.35904	0.521195	1.16871	1.16871	0.0241137	0.524736	-1.90572	5.94006	5.4083	0.809314	1
cg23247955	0.69771	0.874891	-1.143	0.00241217	4.25077	4.25077	0.0378521	2.28085	2.28085	0.0118669	2.93155	2.93155	5.59475	10.3898	1.65073	1
cg15574642	0.0789437	0.604006	-1.65561	0.00195361	0.322432	-3.10142	0.00850103	0.419776	-2.38222	0.0611169	0.579609	-1.7253	5.55283	5.874	0.940302	1
cg20508508	0.0306513	0.364869	-2.74071	0.00995511	0.274616	-3.64145	0.0139322	0.299394	-3.34008	0.0224706	0.337751	-2.96076	5.32956	13.3057	2.21918	1
cg07569756	0.594033	1.08927	1.08927	0.150023	0.782488	-1.27797	0.00378457	1.8607	1.8607	0.0251466	1.52701	1.52701	4.03081	1.61283	0.355667	1
cg00814918	0.032923	0.501326	-1.99471	0.00349078	0.333905	-2.99486	0.044354	0.527713	-1.89497	0.124555	0.631122	-1.58448	3.72674	4.52146	1.07844	1
cg06973753	0.867685	1.09057	1.09057	0.362568	0.614719	-1.62676	0.778975	1.15754	1.15754	0.262934	0.545049	-1.8347	3.58815	13.6575	3.80627	1
cg13755023	0.653877	0.957048	-1.04488	0.00186895	0.651042	-1.536	0.145856	1.16402	1.16402	0.000149718	1.88416	1.88416	9.17244	1.37454	0.133205	1
cg22678977	0.713238	0.906661	-1.10295	0.000843388	0.263786	-3.79096	0.00993843	0.42131	-2.37355	0.0385069	0.529203	-1.88963	7.42008	8.28128	0.992056	1
cg26686544	0.872492	1.06644	1.06644	0.0148038	0.300901	-3.32335	0.400396	1.41164	1.41164	0.0213461	0.330253	-3.02798	5.73945	14.5809	2.25819	1
cg02185675	0.0182825	0.37154	-2.6915	0.0642501	0.487358	-2.05188	0.00549215	3.53245	3.53245	0.379452	0.732215	-1.36572	5.37682	10.1759	1.68226	1
cg21449015	0.865309	0.948026	-1.05482	0.0710182	0.530418	-1.88531	0.233244	1.48134	1.48134	0.145944	0.612155	-1.63357	4.09081	6.40402	1.39152	1
cg16568641	0.818807	0.922952	-1.08348	0.0128693	0.339861	-2.94238	0.189011	0.614937	-1.62618	0.111079	1.83409	1.83409	3.95307	7.64427	1.71889	1
cg21019315	0.900031	0.972766	-1.028	0.00182846	0.377982	-2.64563	0.642444	0.902377	-1.10818	0.639676	0.901594	-1.10915	3.38869	2.59053	0.679524	1
cg06975979	0.0181564	4.3383	4.3383	0.000552202	15.5365	15.5365	0.00909368	5.44956	5.44956	0.711588	1.20922	1.20922	5.26384	21.8176	3.68427	1
cg19183166	0.100247	5.05211	5.05211	0.00154935	59.9887	59.9887	0.0536336	7.17971	7.17971	0.387631	2.21778	2.21778	3.47538	44.5348	11.3906	1
cg25577090	0.225161	1.23042	1.23042	0.000300962	2.60336	2.60336	0.134763	1.30012	1.30012	0.849877	0.969628	-1.03132	5.12568	2.15083	0.372995	1
cg11822642	0.277084	0.595981	-1.67791	0.154062	0.497278	-2.01095	0.0423224	0.342773	-2.91739	0.725219	0.850807	-1.17535	4.33334	14.3859	2.95095	1
cg02376806	0.118727	1.24265	1.24265	2.92E-05	2.86231	2.86231	0.172552	0.830081	-1.2047	0.0119496	0.668753	-1.49532	37.6679	9.81712	0.231665	1
cg01228065	0.38131	0.868223	-1.15178	0.0089895	0.592882	-1.68668	0.633206	1.07859	1.07859	0.0210266	0.646095	-1.54776	8.50206	3.33456	0.348628	1
cg04267605	0.154173	0.635208	-1.57429	0.582134	1.17979	1.17979	0.502908	1.22417	1.22417	0.0026434	0.29007	-3.44745	4.40174	6.1699	1.24595	1
cg03848857	0.297563	0.678061	-1.47479	0.0306475	0.401061	-2.49339	0.688696	0.865118	-1.15591	0.291196	0.674314	-1.48299	4.07699	8.358	1.82226	1
cg26623455	0.03513	0.660232	-1.51462	0.00622331	0.54703	-1.82805	0.702352	0.937117	-1.0671	0.365505	0.854471	-1.17032	9.54749	4.32649	0.402804	1
cg25242004	0.164149	1.21564	1.21564	0.00115907	0.533819	-1.8733	0.0830065	0.776872	-1.28721	0.0822826	0.776312	-1.28814	5.81087	1.5924	0.243589	1
cg27129564	0.59283	0.8436	-1.1854	0.000148441	0.128147	-7.80354	0.238301	1.47579	1.47579	0.0153399	0.391535	-2.55405	11.2403	17.6745	1.39771	1
cg08181774	0.0821326	0.562367	-1.7782	6.33E-05	0.110799	-9.02532	0.670912	0.880091	-1.13625	0.176458	0.650862	-1.53642	8.42562	11.9182	1.25735	1
cg12750031	0.40949	1.35165	1.35165	0.25631	0.654904	-1.52694	0.0432685	2.29442	2.29442	0.0570453	0.463401	-2.15796	8.1627	16.4967	1.79644	1
cg02094071	0.00359945	0.54694	-1.82836	0.0733416	1.35755	1.35755	0.872331	0.975681	-1.02493	0.0215619	0.655404	-1.52578	5.75624	2.13652	0.329925	1
cg27620524	0.157397	0.709368	-1.40971	0.0698548	1.5847	1.5847	0.568642	1.1398	1.1398	0.617994	0.892094	-1.12096	4.07126	3.32587	0.726147	1
cg17628695	0.233916	0.751067	-1.33144	0.0164853	0.510627	-1.95838	0.266399	0.766716	-1.30426	0.0255196	0.543999	-1.83824	3.72378	3.10345	0.740813	1
cg26410632	0.0613112	1.487	1.487	0.0062836	1.95406	1.95406	0.613347	1.10063	1.10063	0.424355	0.857669	-1.16595	5.87659	3.29596	0.498545	1
cg15077416	0.0987983	0.648862	-1.54116	0.246156	0.748382	-1.33622	0.142613	0.686186	-1.45733	0.00438341	0.402819	-2.48251	4.42745	4.00451	0.803975	1
cg21681702	0.270587	1.23971	1.23971	0.691315	0.927963	-1.07763	0.0398376	1.56068	1.56068	0.00410259	0.486107	-2.05716	4.13563	2.29847	0.494019	1
cg01834373	0.141249	1.4091	1.4091	0.284062	1.27281	1.27281	0.987131	0.99651	-1.0035	0.205927	0.748848	-1.33539	3.91627	2.91434	0.661477	1
cg24902362	0.0589553	1.40861	1.40861	0.105763	1.32822	1.32822	0.73793	0.947485	-1.05543	0.0215294	0.641785	-1.55815	3.90741	1.59694	0.363285	1
cg16550656	0.719122	1.08026	1.08026	0.344727	1.23128	1.23128	0.284538	0.788471	-1.26828	0.0134962	0.520098	-1.92272	5.20927	3.77067	0.643412	1
cg26312802	0.10511	1.24029	1.24029	0.000340651	2.01719	2.01719	0.109565	0.808845	-1.23633	0.0231619	0.718823	-1.39116	12.5498	2.93927	0.208185	1
cg27331233	0.679219	0.90363	-1.10665	0.0259161	1.90484	1.90484	0.303728	1.29639	1.29639	0.00962438	0.449946	-2.22249	10.7214	10.084	0.83604	1
cg04348023	0.118406	0.517271	-1.93322	0.00438314	0.227742	-4.39093	0.773168	0.893707	-1.11894	0.0741667	0.461288	-2.16784	3.52835	8.44942	2.12864	1
cg05715828	0.151925	0.418964	-2.38684	0.00140989	0.0728074	-13.7349	0.00587144	0.129571	-7.71775	0.0318207	0.240266	-4.16206	5.454	27.7475	4.52226	1
cg13752043	0.00961295	0.681982	-1.46632	0.98568	1.0021	1.0021	0.0645275	1.27439	1.27439	0.140573	1.20334	1.20334	3.47732	0.75087	0.191941	1
cg14443692	0.000255322	1.67106	1.67106	0.292693	0.911144	-1.09752	0.00122402	0.668174	-1.49662	0.591545	1.04726	1.04726	73.0258	8.40403	0.102296	1
cg22257667	0.0200488	1.67314	1.67314	0.0619317	1.47051	1.47051	0.141597	0.748311	-1.33634	0.301397	0.82167	-1.21703	5.56652	2.96666	0.473731	1
cg13962589	0.0159418	0.293748	-3.40428	0.236087	0.597292	-1.67422	0.594852	1.24957	1.24957	0.077093	0.442243	-2.2612	3.68526	10.056	2.42552	1
cg18879646	?	?	?	9.16E-05	0.198811	-5.0299	0.329156	1.26215	1.26215	6.61E-05	0.184223	-5.4282	20.1572	15.1658	0.752375	1
cg11295466	0.267386	1.13477	1.13477	0.00214638	0.623954	-1.60268	0.245588	0.875565	-1.14212	0.330774	1.11606	1.11606	6.48347	1.22942	0.168554	1
cg10025904	0.101206	1.755	1.755	0.0012157	4.41059	4.41059	0.00162284	4.11883	4.11883	0.0451213	2.05532	2.05532	5.8555	9.10823	1.38267	1
cg00660251	0.699877	0.936849	-1.06741	0.000142135	0.331201	-3.01931	0.857467	0.970178	-1.03074	0.892905	1.02294	1.02294	5.56226	2.49848	0.399274	1
cg17265729	0.0523862	0.670308	-1.49185	0.993936	1.00138	1.00138	0.277063	1.2275	1.2275	0.71552	0.935786	-1.06862	4.78721	2.49274	0.462852	1
cg18169869	0.2675	0.839682	-1.19093	0.17955	1.24066	1.24066	0.550558	0.912692	-1.09566	0.313519	1.17079	1.17079	3.94075	1.42813	0.322133	1
cg09818397	?	?	?	0.0144513	3.40497	3.40497	0.260977	1.61053	1.61053	0.0686834	2.28951	2.28951	4.38629	10.204	2.32635	1
cg14254720	0.655863	0.960112	-1.04155	0.193482	1.13301	1.13301	0.000858774	1.57506	1.57506	0.00348946	1.43289	1.43289	12.6398	1.6488	0.115951	1
cg21541030	0.0418418	0.7119	-1.40469	0.256706	0.8424	-1.18708	0.0716505	1.33828	1.33828	0.136747	1.26141	1.26141	8.24161	2.73945	0.29546	1
cg13682345	0.340765	0.662708	-1.50896	0.000335151	0.0885555	-11.2924	0.436075	1.39513	1.39513	0.00430409	0.201932	-4.95216	6.82278	18.9778	2.47248	1
cg05722456	8.54E-06	0.0851695	-11.7413	4.88E-06	0.0703457	-14.2155	0.0249204	0.507206	-1.97159	0.000304422	0.22479	-4.44859	43.093	44.1545	0.910786	1
cg17971168	0.159555	1.17138	1.17138	0.000119729	2.02952	2.02952	0.0163902	1.3617	1.3617	0.0957567	0.824849	-1.21234	13.9255	2.44269	0.155921	1
cg03922345	0.0448856	1.93165	1.93165	0.00115925	3.91457	3.91457	0.0165652	2.30959	2.30959	0.351489	1.31552	1.31552	6.01093	7.78665	1.15148	1
cg01533966	0.484634	1.23904	1.23904	0.00146322	4.00137	4.00137	0.320285	1.36334	1.36334	0.337712	0.742094	-1.34754	5.74105	8.28176	1.28227	1
cg01965380	0.0125133	0.249548	-4.00725	0.00430973	0.181715	-5.50311	0.777042	1.13525	1.13525	0.0278149	0.312939	-3.19551	5.32508	16.8376	2.81062	1
cg17718703	0.0718975	0.39102	-2.55741	0.0799125	0.403271	-2.47972	0.690098	0.829189	-1.206	0.0670619	0.383171	-2.6098	4.48606	15.5183	3.07487	1
cg19927780	0.687745	0.89456	-1.11787	0.00190022	0.297182	-3.36495	0.489026	1.21389	1.21389	0.0162807	2.24839	2.24839	4.5127	4.83172	1.07069	1
cg06825153	0.658679	1.0877	1.0877	0.00453175	0.48911	-2.04453	0.939489	1.01446	1.01446	0.027609	1.63647	1.63647	4.35258	2.465	0.503406	1
cg15100945	0.746064	1.08295	1.08295	0.000335374	0.242079	-4.13089	0.538904	1.16483	1.16483	0.158891	1.44671	1.44671	13.1067	12.4856	0.846765	1
cg07594804	0.12379	1.16631	1.16631	7.87E-05	1.93286	1.93286	0.165227	1.14639	1.14639	0.0708109	0.83001	-1.2048	9.9079	1.1882	0.119925	1
cg24121733	0.142271	1.3972	1.3972	0.00653117	2.11549	2.11549	0.44596	1.17907	1.17907	0.11839	1.43254	1.43254	8.40809	5.98649	0.632881	1
cg26149920	0.00481735	2.43452	2.43452	0.00273912	2.67417	2.67417	0.0341655	1.80041	1.80041	0.150845	1.44234	1.44234	7.62291	6.8327	0.796745	1
cg21215336	0.015561	2.15049	2.15049	0.000211716	4.94364	4.94364	0.0201614	2.06112	2.06112	0.00586735	2.53626	2.53626	7.06775	7.45638	0.937765	1
cg16265012	0.874415	0.97367	-1.02704	0.119353	1.32992	1.32992	0.82492	1.03808	1.03808	0.956153	0.990768	-1.00932	6.83889	3.08239	0.400636	1
cg25355137	0.144671	1.28599	1.28599	0.0395863	1.4654	1.4654	0.600501	1.08854	1.08854	0.00685285	1.75454	1.75454	5.61671	2.29295	0.362877	1
cg19032797	0.0282845	0.241861	-4.13461	0.0186814	0.209629	-4.77034	0.0119063	0.178992	-5.58684	0.0619893	0.316041	-3.16415	5.53661	26.3442	4.2295	1
cg27525155	0.118817	0.64982	-1.53889	0.250101	1.358	1.358	0.00243752	2.92725	2.92725	0.0986264	1.58584	1.58584	5.27561	5.41647	0.912623	1
cg17731776	0.00306198	2.55924	2.55924	0.0142436	2.01486	2.01486	0.111877	1.49357	1.49357	0.294959	1.28618	1.28618	4.78476	4.06872	0.755867	1
cg17494927	0.021984	2.94197	2.94197	0.00198347	5.5599	5.5599	0.0340983	2.64107	2.64107	0.190396	1.72389	1.72389	4.27317	10.438	2.17127	1
cg21756947	0.0749396	0.61713	-1.6204	0.252307	0.747502	-1.33779	0.0212764	0.509813	-1.9615	0.384008	0.804743	-1.24263	4.10229	3.84804	0.833798	1
cg19281083	0.152309	4.22946	4.22946	0.00162772	69.8261	69.8261	0.00858041	23.4079	23.4079	0.0139876	17.3634	17.3634	4.96926	69.6134	12.4523	1
cg02646225	0.00532693	0.2558	-3.90931	0.000115964	0.0813553	-12.2918	0.0146889	3.05067	3.05067	0.00339351	0.227859	-4.38868	16.194	35.3661	1.94125	1
cg02524003	0.608942	1.08671	1.08671	0.0154811	1.61388	1.61388	0.649839	1.07644	1.07644	0.740208	0.947786	-1.05509	10.8972	4.4824	0.365631	1
cg05691468	0.829693	1.06715	1.06715	7.98E-05	0.116468	-8.58603	0.640732	1.15236	1.15236	0.269299	1.41499	1.41499	7.49684	10.8099	1.28171	1
cg08165661	0.279907	0.843772	-1.18515	0.195265	0.812887	-1.23018	0.258355	1.19525	1.19525	0.63729	1.07446	1.07446	5.7969	2.09973	0.32197	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21816001	LRRCC1;LRRCC1	0.0118674	0.749797	0.959746	-1.04194	0.013625	0.67577	-1.47979	0.909498	1.01471	1.01471	0.945628	1.0088	1.0088	0.350559	1.13132	1.13132
cg05570314	LRRCC1;LRRCC1	0.0481367	0.00316676	0.491499	-2.03459	0.650358	0.922754	-1.08371	0.942866	1.01271	1.01271	0.419161	1.15654	1.15654	0.264354	1.22748	1.22748
cg05242148	LRRCC1;LRRCC1	0.0495776	0.0245532	0.513611	-1.947	0.287354	1.31631	1.31631	0.480755	0.836685	-1.19519	0.280702	0.756575	-1.32175	0.00907112	0.43825	-2.2818
cg14583781	LRRCC1;LRRCC1	0.049696	0.0298243	2.17379	2.17379	0.613479	1.16731	1.16731	0.432444	1.27549	1.27549	0.00384761	0.306335	-3.2644	0.232664	1.46248	1.46248
cg17007574	LRRFIP1	5.95E-06	0.000131377	0.409917	-2.43952	0.000220485	0.437304	-2.28674	0.0264442	1.42425	1.42425	0.000516265	2.07107	2.07107	1.33E-05	0.293345	-3.40896
cg20218460	LRRFIP1	0.0165945	0.0131976	0.240935	-4.1505	0.0024752	0.14241	-7.02197	0.0517534	0.358632	-2.78837	0.0661479	0.384891	-2.59814	0.0117983	0.232996	-4.29193
cg02970663	LRRFIP1	0.0198904	0.0710558	0.661529	-1.51165	0.858404	1.03727	1.03727	0.0148611	0.541217	-1.84769	0.181848	1.33694	1.33694	0.00638056	0.483197	-2.06955
cg20993114	LRRFIP1	0.021497	0.100484	0.792753	-1.26143	0.783423	0.965062	-1.0362	0.0114829	1.50405	1.50405	0.806036	1.03226	1.03226	0.964416	0.994258	-1.00577
cg26422656	LRRFIP1	0.0291733	0.0287978	0.471399	-2.12135	0.110287	0.601915	-1.66136	0.705318	0.895107	-1.11718	0.529189	0.830323	-1.20435	0.0131504	0.407867	-2.45178
cg03504039	LRRFIP1	0.0372009	0.227036	0.563637	-1.77419	0.218074	0.556712	-1.79626	0.047908	0.359731	-2.77986	0.475344	0.720255	-1.3884	0.105187	0.449178	-2.22629
cg07797518	LRRFIP1	0.0415827	0.956425	0.99081	-1.00928	0.00228619	0.486448	-2.05572	0.396382	0.863511	-1.15806	0.25811	1.22066	1.22066	0.252004	0.816935	-1.22409
cg21708130	LRRFIP1	0.0499492	0.500032	0.817739	-1.22288	0.111651	0.600961	-1.664	0.0484414	0.515464	-1.94	0.0118872	0.397396	-2.51638	0.011574	0.395383	-2.5292
cg15261462	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.000222971	0.11148	0.850697	-1.17551	6.14E-06	2.57015	2.57015	0.234736	1.12319	1.12319	0.527769	1.06149	1.06149	0.251187	1.11832	1.11832
cg09037813	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.000453429	0.115951	0.780714	-1.28088	0.0066553	0.600384	-1.6656	0.167595	1.23752	1.23752	0.585546	0.92332	-1.08305	0.000179225	0.398822	-2.50739
cg12251803	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.00162455	0.0776662	0.637415	-1.56884	0.954013	0.986844	-1.01333	0.00570995	0.435037	-2.29865	0.0563069	0.608762	-1.64268	3.80E-05	0.162756	-6.14417
cg10806645	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.00194709	0.000880839	0.173316	-5.76981	0.0186685	0.36707	-2.72428	0.004402	0.262759	-3.80576	0.00196431	0.214779	-4.65595	0.00716484	0.295072	-3.389
cg15016481	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.00246844	0.0207501	0.71223	-1.40404	0.0470115	0.757982	-1.31929	0.00247644	0.598818	-1.66996	0.000163237	0.456611	-2.19005	0.157691	0.831818	-1.20219
cg05491478	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.00275224	0.0269686	0.767879	-1.30229	0.0806045	0.822509	-1.21579	0.366393	1.09809	1.09809	0.729403	1.03564	1.03564	0.0601013	1.23843	1.23843
cg23517743	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.00400961	0.000946866	0.314104	-3.18366	0.00201875	0.359402	-2.7824	0.0101361	0.466725	-2.14259	0.182369	0.717121	-1.39447	0.0235427	0.529704	-1.88785
cg15674813	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.00859795	0.00723588	0.461888	-2.16503	0.275248	0.776463	-1.28789	0.00315386	0.406862	-2.45784	0.00555009	0.443906	-2.25273	0.00616993	0.451036	-2.21712
cg20023712	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0100621	0.0529641	0.633008	-1.57976	0.108911	0.69523	-1.43837	0.281515	0.792385	-1.26201	0.0809733	0.668776	-1.49527	0.00488114	0.460358	-2.17222
cg08151442	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0116965	0.00225776	0.363004	-2.75479	0.0866558	0.638459	-1.56627	0.0200948	0.514317	-1.94433	0.054521	0.596194	-1.67731	0.0340753	0.556307	-1.79757
cg13184448	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0117477	0.209489	0.619373	-1.61454	0.936342	0.971485	-1.02935	0.0247252	0.379704	-2.63363	0.116789	0.539492	-1.85359	0.0188804	0.357033	-2.80086
cg20319698	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0162813	0.897274	1.03142	1.03142	0.442866	0.829111	-1.20611	0.0109942	0.465721	-2.14721	0.354362	0.795948	-1.25636	0.00278563	0.372519	-2.68442
cg25444667	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0170732	0.284424	0.840215	-1.19017	0.0269521	0.663538	-1.50707	0.0571887	0.713998	-1.40056	0.0543516	0.710473	-1.40751	0.679284	0.936981	-1.06726
cg15579587	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0217062	0.030002	4.98847	4.98847	0.688521	1.28877	1.28877	0.251497	2.126	2.126	0.212831	2.28424	2.28424	0.270752	0.485829	-2.05834
cg04880737	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0238905	0.62092	0.823888	-1.21376	0.770356	1.12047	1.12047	0.08536	0.47756	-2.09398	0.535134	1.27643	1.27643	0.00219794	0.188548	-5.30368
cg00762689	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0247285	0.304454	0.862518	-1.1594	0.765163	1.04254	1.04254	0.271499	0.85283	-1.17257	0.0430965	0.723499	-1.38217	0.00308941	0.569436	-1.75612
cg12413319	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0314772	0.240671	1.47278	1.47278	0.0293313	0.4453	-2.24568	0.0483985	0.49125	-2.03562	0.437859	1.28328	1.28328	0.820841	1.07411	1.07411
cg07558690	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0314934	0.0398628	0.421867	-2.37042	0.0843445	0.499755	-2.00098	0.0610642	0.464482	-2.15294	0.169332	0.587495	-1.70214	0.00187865	0.201604	-4.96021
cg04862290	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0326981	0.101816	0.466921	-2.14169	0.00306158	0.178246	-5.61021	0.173113	0.539864	-1.85232	0.503905	0.749449	-1.33431	0.0289628	0.334576	-2.98886
cg19269264	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0427924	0.57131	1.08902	1.08902	0.118526	1.28736	1.28736	0.0176365	1.53778	1.53778	0.0221406	0.664379	-1.50516	0.445845	0.890622	-1.12281
cg14162912	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0429619	0.00146978	0.267043	-3.74471	0.912627	1.03207	1.03207	0.134967	1.58951	1.58951	0.350966	0.758759	-1.31794	0.278492	1.38273	1.38273
cg13920336	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0442367	0.479103	0.914891	-1.09303	0.255723	1.15798	1.15798	0.735268	1.04285	1.04285	0.243199	1.16296	1.16296	0.224701	1.17077	1.17077
cg09743500	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0469464	0.222635	0.699948	-1.42868	0.298268	1.35004	1.35004	0.0476378	0.532307	-1.87861	0.0316069	0.495816	-2.01688	0.0268622	0.481986	-2.07475
cg05433805	LRRFIP2;LRRFIP2;LRRFIP2	5.64E-05	0.10937	0.681022	-1.46838	0.0778401	0.649705	-1.53916	0.000105103	0.221374	-4.51724	0.207197	0.746237	-1.34006	4.69E-05	0.184614	-5.41672
cg06284479	LRRFIP2;LRRFIP2;LRRFIP2	0.001096	0.720568	0.920509	-1.08636	0.0355594	1.75812	1.75812	0.578021	1.13836	1.13836	0.0695391	1.59699	1.59699	0.000115668	0.210426	-4.75225
cg11574180	LRRFIP2;LRRFIP2;LRRFIP2	0.0085157	0.0307795	0.802313	-1.2464	0.303084	1.09704	1.09704	0.48681	0.940498	-1.06327	0.71744	0.968939	-1.03206	0.0671598	0.836828	-1.19499
cg22985146	LRRFIP2;LRRFIP2;LRRFIP2	0.0210006	0.0379899	0.375676	-2.66187	0.072521	0.44243	-2.26024	0.0847862	0.460373	-2.17215	0.17179	0.553222	-1.80759	0.0601498	0.421951	-2.36994
cg06853609	LRRFIP2;LRRFIP2;LRRFIP2	0.0211274	0.0588495	0.392411	-2.54835	0.185414	1.8508	1.8508	0.742085	0.865217	-1.15578	0.0149647	0.269408	-3.71184	0.00377402	0.180238	-5.54823
cg06734169	LRRFIP2;LRRFIP2;LRRFIP2	0.0259	0.137864	0.694946	-1.43896	0.0142807	1.99021	1.99021	0.257284	0.76393	-1.30902	0.860884	0.960834	-1.04076	0.535875	0.866938	-1.15348
cg18854765	LRRIQ3;TNNI3K;FPGT	0.00117462	0.114213	0.46498	-2.15063	0.000315038	0.0741263	-13.4905	0.217433	0.56084	-1.78304	0.0149707	0.263622	-3.79332	0.000374951	0.0792688	-12.6153
cg13900770	LRRIQ3;TNNI3K;FPGT	0.00284578	0.0258321	0.25742	-3.88471	0.0115899	5.04552	5.04552	0.644378	1.26916	1.26916	0.39674	1.56051	1.56051	0.00564788	0.155302	-6.43908
cg16356856	LRRIQ3;TNNI3K;FPGT	0.0261365	0.0964146	0.369118	-2.70916	0.0202193	4.61373	4.61373	0.645959	1.28731	1.28731	0.365728	1.66097	1.66097	0.0608185	0.315406	-3.17052
cg13793580	LRRIQ4	0.00240888	0.0822467	0.706279	-1.41587	0.000105483	3.44552	3.44552	0.524685	0.89008	-1.12349	0.0942454	0.717268	-1.39418	0.531663	1.12125	1.12125
cg07217653	LRRK1	9.41E-05	0.732283	1.05675	1.05675	9.87E-07	0.126342	-7.91504	0.292919	0.839139	-1.1917	0.199707	0.804309	-1.2433	0.0275563	0.657794	-1.52023
cg12648213	LRRK1	0.0001313	0.804265	1.06031	1.06031	0.00268321	0.375865	-2.66053	0.00400663	0.401753	-2.48909	0.179745	1.39934	1.39934	0.000256773	0.241894	-4.13405
cg11682319	LRRK1	0.000183593	0.653376	1.10718	1.10718	0.0556184	1.6299	1.6299	0.0215111	0.536891	-1.86258	0.000445303	3.48396	3.48396	0.000949389	0.329661	-3.03342
cg19632772	LRRK1	0.000213394	0.00100439	0.417913	-2.39284	0.000157956	0.315155	-3.17304	0.147227	0.757361	-1.32037	0.684068	0.929506	-1.07584	0.00134199	0.43489	-2.29943
cg00333828	LRRK1	0.000345992	0.0166744	2.36959	2.36959	0.000342923	5.48262	5.48262	0.268693	0.711736	-1.40501	0.352688	1.32617	1.32617	0.0238207	2.21701	2.21701
cg19786805	LRRK1	0.000475284	0.000303184	0.31399	-3.18482	0.106036	0.705912	-1.41661	5.85E-05	0.230264	-4.34283	0.28711	1.24366	1.24366	0.261691	0.793812	-1.25974
cg26841538	LRRK1	0.00118477	0.336703	1.12979	1.12979	0.270247	0.868114	-1.15192	0.0643363	0.774092	-1.29184	0.0757411	0.783854	-1.27575	0.735524	0.959091	-1.04265
cg25331703	LRRK1	0.00141594	0.145011	0.693822	-1.44129	0.850425	1.04508	1.04508	0.521757	1.16375	1.16375	0.484013	0.846955	-1.1807	0.0243014	0.534192	-1.87199
cg22731578	LRRK1	0.00178727	0.160684	1.13941	1.13941	0.378723	1.08183	1.08183	0.563333	1.0522	1.0522	0.526297	0.945611	-1.05752	0.0230427	1.26711	1.26711
cg02208308	LRRK1	0.00183505	0.0360889	0.848602	-1.17841	0.921846	0.993413	-1.00663	0.027601	1.19176	1.19176	0.698416	0.974119	-1.02657	0.255798	1.08317	1.08317
cg12500876	LRRK1	0.00318019	0.0323443	2.4737	2.4737	0.000130019	11.0482	11.0482	0.195997	1.63922	1.63922	0.405021	1.36062	1.36062	0.0831248	2.00056	2.00056
cg20714708	LRRK1	0.00368846	0.538404	0.667465	-1.49821	0.0134567	0.137271	-7.28485	0.00618602	0.0985552	-10.1466	0.0239601	0.174108	-5.74357	0.840342	1.13986	1.13986
cg02262866	LRRK1	0.00404104	0.00306457	0.349102	-2.86449	0.24623	0.729987	-1.36989	0.924772	1.02481	1.02481	0.0226733	0.492588	-2.03009	0.00070749	0.262028	-3.81639
cg23435508	LRRK1	0.00404513	0.688496	0.955022	-1.0471	0.18564	1.17383	1.17383	0.0319419	0.750471	-1.3325	0.840395	0.977236	-1.02329	0.0904846	0.808145	-1.2374
cg21736686	LRRK1	0.00534388	0.573056	1.08936	1.08936	0.625677	0.928769	-1.07669	0.278145	0.844081	-1.18472	0.879035	1.02316	1.02316	0.812446	0.964903	-1.03637
cg07165120	LRRK1	0.00535746	0.205801	1.61032	1.61032	0.480406	1.29182	1.29182	0.89643	0.954574	-1.04759	0.0214077	2.68266	2.68266	0.232856	1.56293	1.56293
cg21315992	LRRK1	0.00613403	0.00394709	0.701273	-1.42598	0.173625	1.14167	1.14167	0.000882051	0.633694	-1.57805	0.769037	0.973412	-1.02731	0.969719	0.996532	-1.00348
cg13933859	LRRK1	0.00873298	0.0222001	2.21084	2.21084	0.404471	0.781254	-1.27999	0.942857	1.02096	1.02096	0.436244	1.25842	1.25842	0.109636	1.65655	1.65655
cg01677248	LRRK1	0.012492	0.400466	1.29512	1.29512	0.0404251	0.491028	-2.03654	0.00153403	0.254136	-3.93491	0.0278021	0.457791	-2.1844	0.887815	1.04332	1.04332
cg27064285	LRRK1	0.0131576	0.32805	1.22439	1.22439	0.292358	1.24491	1.24491	0.976488	1.00593	1.00593	0.455383	1.16469	1.16469	0.333345	0.818653	-1.22152
cg19013682	LRRK1	0.0216396	0.257042	1.31388	1.31388	0.458316	0.840067	-1.19038	0.0244216	0.538577	-1.85675	0.259858	1.31158	1.31158	0.00483424	0.422088	-2.36917
cg18083008	LRRK1	0.0244238	0.0246352	0.686392	-1.45689	0.273357	1.17386	1.17386	0.520098	0.912395	-1.09602	0.829496	1.03079	1.03079	0.688612	0.944929	-1.05828
cg22881247	LRRK1	0.0269177	0.061617	0.480461	-2.08134	0.002365	0.228465	-4.37704	0.00876766	0.312751	-3.19743	0.0383827	0.433708	-2.3057	0.110854	0.546165	-1.83095
cg11143485	LRRK1	0.0317136	0.0246606	0.37519	-2.66531	0.174403	0.588975	-1.69787	0.0301168	0.392787	-2.54591	0.127844	0.547056	-1.82797	0.00979362	0.302211	-3.30894
cg23846509	LRRK1	0.0321889	0.578885	0.925554	-1.08043	0.254816	0.848688	-1.17829	0.022978	0.687074	-1.45545	0.651302	0.939148	-1.06479	0.661987	0.941104	-1.06258
cg07045891	LRRK1	0.0328098	0.0420486	13.6933	13.6933	0.0243977	20.01	20.01	0.360869	2.85561	2.85561	0.137283	5.97687	5.97687	0.0236208	20.4696	20.4696
cg27276115	LRRK2	0.0148169	0.0538044	0.783036	-1.27708	0.00342072	1.55937	1.55937	0.0138085	1.40486	1.40486	0.11609	0.826325	-1.21018	0.411328	0.91043	-1.09838
cg02042904	LRRK2	0.0272708	0.0930403	0.788527	-1.26819	0.116744	1.24499	1.24499	0.410079	0.897342	-1.1144	0.214681	0.845394	-1.18288	0.129549	0.810113	-1.2344
cg18050543	LRRK2	0.0398905	0.164774	0.584979	-1.70946	0.606232	0.829866	-1.20501	0.537805	1.25093	1.25093	0.411259	0.739354	-1.35253	0.0139361	0.324494	-3.08172
cg23699274	LRRK2	0.0468778	0.916456	1.01501	1.01501	0.36012	0.874987	-1.14287	0.526442	1.09538	1.09538	0.0806463	1.31654	1.31654	0.070898	1.33166	1.33166
cg03930929	LRRN1	1.35E-06	3.62E-06	0.383488	-2.60765	0.453817	1.06969	1.06969	0.133895	1.15341	1.15341	0.661093	0.9618	-1.03972	2.72E-06	0.369681	-2.70504
cg09615224	LRRN1	3.67E-05	0.0271971	1.43558	1.43558	0.0138177	1.52328	1.52328	1.62E-05	3.41838	3.41838	0.00906499	1.58204	1.58204	7.46E-06	0.255672	-3.91126
cg17199247	LRRN1	0.00116808	0.616116	0.815787	-1.22581	0.608667	0.812219	-1.2312	0.481265	0.749514	-1.3342	0.743126	0.875944	-1.14163	0.0585336	0.422821	-2.36506
cg04150219	LRRN1	0.00148629	0.000490499	0.29932	-3.34091	0.0128268	0.505235	-1.97928	0.16304	0.719709	-1.38945	0.157282	0.715987	-1.39667	0.0027622	0.401705	-2.48939
cg17792833	LRRN1	0.00557123	0.054574	0.688523	-1.45238	0.0374883	0.661579	-1.51153	0.369496	0.85408	-1.17085	0.25013	0.814096	-1.22836	0.0019837	0.473503	-2.11192
cg17912112	LRRN1	0.0111143	0.225808	0.846789	-1.18093	0.368373	1.1284	1.1284	0.464439	1.10225	1.10225	0.212927	1.18709	1.18709	0.0382532	0.730538	-1.36885
cg09665338	LRRN1	0.0113571	0.0142945	0.430908	-2.32068	0.0804601	0.582571	-1.71653	0.59715	0.861891	-1.16024	0.940047	0.979257	-1.02118	0.00205317	0.298117	-3.35438
cg01442531	LRRN1	0.0145615	0.0163622	0.355496	-2.81297	0.00287345	0.235721	-4.24231	0.127377	0.559346	-1.7878	0.840411	0.931411	-1.07364	0.0602807	0.473912	-2.1101
cg25095722	LRRN1	0.0159826	0.149532	1.3484	1.3484	0.112932	0.716232	-1.3962	0.0362676	1.6015	1.6015	0.084962	0.691793	-1.44552	0.00714053	1.95829	1.95829
cg08556718	LRRN1	0.0302266	0.0239814	0.236939	-4.2205	0.00323446	0.116743	-8.56579	0.765567	0.852236	-1.17338	0.711547	0.819878	-1.21969	0.0338686	0.265923	-3.76048
cg00742851	LRRN1	0.0480378	0.0969576	0.465488	-2.14828	0.0177595	0.298225	-3.35317	0.374664	0.682181	-1.46589	0.961208	1.02062	1.02062	0.065567	0.420037	-2.38074
cg10507275	LRRN1;LRRN1	0.00638068	0.0318304	0.63633	-1.57151	0.22044	0.79336	-1.26046	0.658702	0.923236	-1.08315	0.00672878	0.531858	-1.8802	0.00219541	0.462283	-2.16318
cg18185008	LRRN2;LRRN2	0.0146367	0.0173361	0.459787	-2.17492	0.516448	0.838294	-1.1929	0.403445	0.795143	-1.25764	0.552672	0.851249	-1.17474	0.0040256	0.354891	-2.81777
cg01826093	LRRN2;LRRN2	0.0431761	0.0520302	0.284684	-3.51267	0.00743462	0.140922	-7.09612	0.0157279	0.185919	-5.3787	0.405396	0.616398	-1.62233	0.0251248	0.220008	-4.5453
cg11820840	LRRN2;LRRN2	0.0461635	0.0695385	0.29763	-3.35987	0.985481	0.989196	-1.01092	0.249616	2.05099	2.05099	0.737916	0.818332	-1.222	0.00970838	0.141835	-7.05045
cg05221370	LRRN3;IMMP2L;LRRN3;LRRN3	0.000550174	0.554654	0.799779	-1.25034	0.0134664	3.13859	3.13859	0.0264962	2.67358	2.67358	0.000958394	6.2913	6.2913	0.327656	0.685396	-1.45901
cg02172402	LRRN3;IMMP2L;LRRN3;LRRN3	0.0424697	0.929116	1.01468	1.01468	0.000833807	0.438887	-2.27849	0.134692	0.767906	-1.30224	0.745528	0.948073	-1.05477	0.816269	0.962606	-1.03885
cg16246509	LRRN4	0.000317467	0.325064	1.28244	1.28244	0.0270203	1.89821	1.89821	0.00104653	3.27872	3.27872	0.81979	1.05745	1.05745	0.0963206	1.5636	1.5636
cg01193682	LRRN4	0.000331944	0.872815	0.969225	-1.03175	0.713062	1.07473	1.07473	0.521117	1.1353	1.1353	0.220204	1.28596	1.28596	0.958659	1.01017	1.01017
cg21001198	LRRN4	0.026954	0.0597454	35.6411	35.6411	0.208464	9.30444	9.30444	0.259384	7.23657	7.23657	0.324832	5.53019	5.53019	0.062917	33.764	33.764
cg07303912	LRRN4	0.0316411	0.0901384	11.5494	11.5494	0.258359	4.6876	4.6876	0.0656607	14.9697	14.9697	0.0836765	12.2774	12.2774	0.0212939	37.5508	37.5508
cg16291589	LRRN4	0.0318672	0.566108	1.25334	1.25334	0.124005	1.91268	1.91268	0.0432648	2.47225	2.47225	0.977971	0.989308	-1.01081	0.00377238	0.218316	-4.58051
cg12453539	LRRN4	0.045301	0.470845	1.35162	1.35162	0.0488066	2.51983	2.51983	0.566633	1.26859	1.26859	0.49657	1.32782	1.32782	0.0504228	2.49898	2.49898
cg03353995	LRRN4CL	0.000247797	0.010881	1.89086	1.89086	0.00166091	2.45112	2.45112	0.593761	1.11324	1.11324	0.0117833	1.87149	1.87149	0.501723	1.14551	1.14551
cg06884254	LRRN4CL	0.000525676	0.000346118	0.194446	-5.14282	0.00151954	0.272815	-3.66549	0.00072876	0.231952	-4.31123	0.089323	0.586876	-1.70394	3.46E-05	0.102486	-9.75738
cg19199590	LRRN4CL	0.0271258	0.175122	0.608132	-1.64438	0.0055543	0.28464	-3.51321	0.0569984	0.475768	-2.10186	0.0134062	0.34778	-2.87538	0.253296	0.662652	-1.50909
cg13835337	LRRN4CL;BSCL2;BSCL2;BSCL2	1.99E-05	7.27E-05	0.33936	-2.94673	1.37E-05	0.256516	-3.89839	0.308159	1.17102	1.17102	0.0210957	1.51459	1.51459	1.57E-05	0.26303	-3.80184
cg09905511	LRRTM4	0.000445853	0.228025	1.25905	1.25905	0.00216026	2.1901	2.1901	0.0574236	0.676203	-1.47885	0.0469826	0.661033	-1.51278	0.000218899	0.325694	-3.07037
cg17961381	LRRTM4	0.00740612	0.0252056	2.64782	2.64782	0.192211	0.603521	-1.65694	0.99115	1.00407	1.00407	0.0764533	2.05646	2.05646	0.00136477	0.182671	-5.47432
cg09742893	LRRTM4	0.00821107	0.0885844	2.17627	2.17627	0.00272941	5.54294	5.54294	0.00738439	4.17391	4.17391	0.387568	1.44279	1.44279	0.143989	0.522176	-1.91506
cg24690060	LRRTM4	0.0359658	0.140245	0.738283	-1.35449	0.0363497	0.627956	-1.59247	0.00229492	0.442629	-2.25923	0.180646	0.761979	-1.31237	0.475129	0.870333	-1.14899
cg14012059	LRSAM1;LRSAM1;LRSAM1	0.00101269	0.274234	0.781283	-1.27995	0.206097	1.33555	1.33555	0.0194984	0.541978	-1.84509	0.233556	0.762651	-1.31122	5.79E-05	0.198401	-5.04029
cg14139935	LRSAM1;LRSAM1;LRSAM1	0.0105059	0.920721	0.967247	-1.03386	0.0724709	0.511474	-1.95513	0.635268	1.17332	1.17332	0.00234348	0.241551	-4.1399	0.376227	0.73803	-1.35496
cg14583686	LRSAM1;LRSAM1;LRSAM1	0.0314584	0.656852	0.834112	-1.19888	0.156951	0.541126	-1.848	0.0421228	0.386784	-2.58542	0.0945684	0.474526	-2.10737	0.0362905	0.372518	-2.68444
cg10188131	LRSAM1;LRSAM1;LRSAM1;LRSAM1;RPL12	5.07E-06	0.0130591	0.672984	-1.48592	0.00300477	0.592545	-1.68764	0.0408515	0.738148	-1.35474	0.354205	0.884622	-1.13043	0.046179	1.34154	1.34154
cg13969579	LRSAM1;LRSAM1;LRSAM1;LRSAM1;RPL12	0.00414622	0.169593	0.76596	-1.30555	0.0216196	1.65306	1.65306	0.215515	1.26814	1.26814	0.163415	0.762573	-1.31135	0.00206063	2.20551	2.20551
cg13736810	LRSAM1;RPL12;LRSAM1;LRSAM1	0.00423025	0.0843914	0.727945	-1.37373	0.0335274	1.51145	1.51145	0.740262	1.05689	1.05689	0.615316	0.919181	-1.08793	0.000727816	0.425483	-2.35027
cg10027509	LRSAM1;RPL12;LRSAM1;LRSAM1	0.0328667	0.017362	0.705881	-1.41667	0.0291473	1.36219	1.36219	0.188723	1.18226	1.18226	0.619292	0.941556	-1.06207	0.822318	0.97332	-1.02741
cg11383981	LRTM1;CACNA2D3	0.00077321	0.000647832	0.229676	-4.35395	0.000132785	0.155167	-6.44468	0.00577685	0.361701	-2.76472	0.00734051	0.37841	-2.64263	0.00129227	0.267559	-3.73749
cg04211790	LRTM1;CACNA2D3	0.0146672	0.019184	0.30537	-3.27472	0.00242104	0.17068	-5.85893	0.0131576	0.276113	-3.62171	0.16267	0.53584	-1.86623	0.00940991	0.252066	-3.96721
cg11532513	LRTM1;CACNA2D3	0.0271639	0.0294988	0.296638	-3.37111	0.00926557	0.208986	-4.78501	0.040466	0.325657	-3.07072	0.289779	0.593982	-1.68355	0.0145579	0.240098	-4.16497
cg18348830	LRTM1;CACNA2D3;LRTM1	0.000374171	0.000301455	0.183501	-5.44955	0.000557424	0.213339	-4.68738	0.000709227	0.225761	-4.42947	0.000440905	0.201642	-4.95929	0.0418105	0.50819	-1.96777

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21816001	0.00062104	0.50853	-1.96645	0.0675736	1.30079	1.30079	0.132533	0.811853	-1.23175	0.710048	1.04913	1.04913	5.59361	1.4609	0.232153	1
cg05570314	0.118839	0.742113	-1.3475	0.902842	1.02175	1.02175	0.228259	1.24957	1.24957	0.101196	1.37192	1.37192	3.43727	1.68972	0.436966	1
cg05242148	0.01292	0.464056	-2.15491	0.106356	0.644873	-1.55069	0.637928	0.888762	-1.12516	0.946802	0.983536	-1.01674	3.39907	3.33192	0.871329	1
cg14583781	0.829906	1.06752	1.06752	0.712574	1.11895	1.11895	0.473151	0.80123	-1.24808	0.288454	1.39754	1.39754	3.39599	4.96175	1.29872	1
cg17007574	0.000801248	0.506587	-1.97399	8.51E-05	0.387208	-2.58259	9.28E-06	3.62215	3.62215	0.698143	0.948977	-1.05377	46.4127	13.2738	0.254218	1
cg20218460	0.217496	0.548257	-1.82396	0.030491	0.307937	-3.24742	0.014286	0.246683	-4.05379	0.0227272	0.282764	-3.53652	5.00973	17.0263	3.02102	1
cg02970663	0.442377	1.1741	1.1741	0.0207982	1.76859	1.76859	0.820835	1.04758	1.04758	0.427695	0.847107	-1.18049	4.71335	3.13427	0.59109	1
cg20993114	0.0208849	0.698493	-1.43165	0.135772	1.2306	1.2306	0.800946	0.967918	-1.03315	0.00760844	1.55737	1.55737	4.59017	1.21117	0.234544	1
cg26422656	0.181655	1.51219	1.51219	0.00519467	0.340995	-2.9326	0.799672	0.928512	-1.07699	0.0354125	0.489465	-2.04305	4.12752	5.56159	1.19772	1
cg03504039	0.166146	0.512977	-1.9494	0.00554267	0.192515	-5.1944	0.0270885	3.26378	3.26378	0.785993	0.884234	-1.13092	3.78239	12.2425	2.87707	1
cg07797518	0.325771	1.18701	1.18701	0.158655	0.77523	-1.28994	0.21923	1.24398	1.24398	0.248381	1.22616	1.22616	3.63073	1.64174	0.401937	1
cg21708130	0.928434	0.973943	-1.02675	0.246608	1.42775	1.42775	0.49957	1.22316	1.22316	0.253641	0.704416	-1.41962	3.38944	4.63715	1.2161	1
cg15261462	0.00428071	0.700173	-1.42822	0.00550536	1.40547	1.40547	0.201833	0.88187	-1.13395	0.252459	0.894491	-1.11795	17.8368	2.4578	0.122483	1
cg09037813	0.37532	0.87649	-1.14091	0.0041575	1.74467	1.74467	0.0027553	1.8193	1.8193	0.000848017	0.483501	-2.06825	14.6829	4.88149	0.295521	1
cg12251803	0.264115	0.765437	-1.30644	0.00883271	0.465091	-2.15012	0.514363	0.859118	-1.16398	0.00411701	0.413245	-2.41987	10.2413	8.55382	0.742425	1
cg10806645	0.0144302	0.3465	-2.886	0.000557604	0.152254	-6.56797	0.0126198	0.336161	-2.97476	0.00353518	0.249061	-4.01508	9.71747	19.0186	1.73969	1
cg15016481	0.347623	1.1251	1.1251	0.00241963	0.597598	-1.67337	0.46892	0.9141	-1.09397	0.0259664	0.724577	-1.38011	9.06587	2.13323	0.209159	1
cg05491478	0.152908	1.1669	1.1669	9.25E-05	2.02113	2.02113	0.43762	0.923264	-1.08311	0.378208	0.912866	-1.09545	8.77953	1.41378	0.143139	1
cg23517743	0.950523	0.985526	-1.01469	0.000724558	0.298821	-3.34649	0.205817	0.730836	-1.3683	0.166155	0.706866	-1.4147	7.84681	6.86008	0.777112	1
cg15674813	0.0298645	0.565733	-1.76762	0.0241811	0.549311	-1.82046	0.092772	0.662147	-1.51024	0.00486383	0.435103	-2.29831	6.20151	4.87966	0.699422	1
cg20023712	0.000898687	0.355821	-2.8104	0.81425	1.05015	1.05015	0.435215	0.847446	-1.18002	0.00375889	0.443415	-2.25522	5.89892	4.03875	0.608586	1
cg08151442	0.0286278	0.542156	-1.84449	0.430399	0.826274	-1.21025	0.0259901	1.87113	1.87113	0.328563	0.78734	-1.2701	5.61997	5.00369	0.791415	1
cg13184448	0.256786	0.651381	-1.5352	0.00146344	0.189389	-5.28014	0.0216477	2.71457	2.71457	0.153582	0.575015	-1.73908	5.61202	11.6581	1.84653	1
cg20319698	0.0976465	0.647075	-1.54542	0.0037238	0.391245	-2.55595	0.894325	0.968669	-1.03234	0.0176346	0.500818	-1.99673	5.04166	4.58085	0.807645	1
cg25444667	0.0510058	1.41623	1.41623	0.00786715	1.70554	1.70554	0.806773	0.962359	-1.03911	0.0490546	0.703425	-1.42161	4.96235	1.92656	0.345098	1
cg15579587	0.762802	1.20993	1.20993	0.0045445	10.8027	10.8027	0.002067	15.3513	15.3513	0.520796	1.50647	1.50647	4.57498	28.719	5.57992	1
cg04880737	0.0758138	0.463987	-2.15523	0.0105159	0.28621	-3.49394	0.187158	0.580837	-1.72165	0.023716	0.350218	-2.85537	4.4264	10.5862	2.12587	1
cg00762689	0.0590564	1.34507	1.34507	0.256893	1.17888	1.17888	0.139253	0.801475	-1.2477	0.0558337	0.739859	-1.35161	4.3738	1.3397	0.272267	1
cg12413319	0.168306	0.629573	-1.58838	0.00533205	3.1802	3.1802	0.319489	1.38298	1.38298	0.797618	1.08436	1.08436	4.01747	6.3204	1.39843	1
cg07558690	0.83223	0.92583	-1.08011	0.0153069	0.339063	-2.94931	0.336886	0.697892	-1.43289	0.0596647	0.462056	-2.16424	4.01673	8.39539	1.85787	1
cg04862290	0.0917323	0.454054	-2.20238	0.0174624	0.292188	-3.42245	0.0150124	0.280458	-3.5656	0.14432	0.513308	-1.94815	3.96311	11.35	2.54571	1
cg19269264	0.148577	0.793774	-1.2598	0.0724723	0.741746	-1.34817	0.370867	0.872	-1.14679	0.275437	0.844404	-1.18427	3.59231	1.26412	0.312796	1
cg14162912	0.427261	1.26251	1.26251	0.642157	0.874083	-1.14406	0.447919	1.2491	1.2491	0.830255	1.06368	1.06368	3.58704	4.69844	1.1643	1
cg13920336	0.0181673	1.42559	1.42559	0.0172316	1.43152	1.43152	0.0252476	0.719692	-1.38948	0.709637	0.954814	-1.04732	3.54815	0.858847	0.21516	1
cg09743500	0.10048	0.606002	-1.65016	0.0149752	0.434885	-2.29946	0.269789	0.726231	-1.37697	0.0361794	0.507569	-1.97018	3.46991	4.25843	1.09089	1
cg05433805	5.94E-05	0.195044	-5.12704	2.36E-05	0.156152	-6.40402	0.533669	1.14881	1.14881	6.65E-05	0.200106	-4.99734	25.7909	19.7812	0.681764	1
cg06284479	0.634581	1.11674	1.11674	0.754547	0.930229	-1.075	0.000438575	3.59977	3.59977	0.564947	0.874448	-1.14358	11.4641	9.65518	0.748629	1
cg11574180	0.154083	1.14165	1.14165	0.000310042	0.601628	-1.66216	0.21129	1.12114	1.12114	0.595962	0.954601	-1.04756	6.22039	0.742682	0.106129	1
cg22985146	0.418719	0.714432	-1.39971	0.00146397	0.154177	-6.48606	0.0281672	0.348221	-2.87174	0.00721127	0.243841	-4.10103	4.62698	12.1367	2.33158	1
cg06853609	0.641631	0.814256	-1.22811	0.0316591	0.331416	-3.01736	0.542268	0.763058	-1.31052	0.0141948	0.265443	-3.76729	4.61748	14.0544	2.70554	1
cg06734169	0.184514	1.37793	1.37793	0.0167222	0.514131	-1.94503	0.0436743	0.589663	-1.69588	0.0360325	0.573824	-1.7427	4.30386	3.53618	0.730337	1
cg18854765	0.00950999	0.231292	-4.32353	0.000258194	0.0685556	-14.5867	0.0818261	0.423399	-2.36184	0.00579051	0.199666	-5.00836	11.2401	35.3602	2.79634	1
cg13900770	0.0134187	0.208042	-4.80671	0.00224136	0.111429	-8.97435	0.0406015	0.297468	-3.36171	0.0327025	3.60197	3.60197	8.69313	36.2048	3.70201	1
cg16356856	0.0482949	0.291681	-3.4284	0.0556549	0.306052	-3.26742	0.204287	0.48122	-2.07805	0.0510396	3.36475	3.36475	4.29022	20.2558	4.19678	1
cg13793580	0.523746	0.889839	-1.1238	0.157455	0.761047	-1.31398	0.104151	1.37839	1.37839	0.0155027	0.584896	-1.7097	9.13119	4.71853	0.459332	1
cg07217653	0.336143	0.852646	-1.17282	0.000884449	0.448937	-2.22748	0.33025	0.850875	-1.17526	0.00606517	0.562126	-1.77896	22.505	9.20889	0.363727	1
cg12648213	0.000167769	0.220771	-4.52958	0.0394404	0.570173	-1.75385	8.29E-06	0.100988	-9.90219	0.0195982	0.514247	-1.94459	20.5815	18.1271	0.782885	1
cg11682319	0.000300054	0.265918	-3.76056	0.000175469	0.238486	-4.19312	0.00411022	0.420208	-2.37977	0.350343	0.80532	-1.24174	18.8022	15.1069	0.71419	1
cg19632772	2.36E-05	0.22127	-4.51936	0.734529	0.940994	-1.06271	0.000175968	0.32087	-3.11653	0.0464843	0.665338	-1.503	18.0509	9.12783	0.449486	1
cg00333828	0.676306	0.883433	-1.13195	0.406691	0.778372	-1.28473	2.78E-05	0.0874604	-11.4337	0.707475	0.894695	-1.1177	15.8192	21.8298	1.22663	1
cg19786805	0.0080047	0.511474	-1.95513	0.00235269	0.432885	-2.31008	0.136104	1.37279	1.37279	0.0956532	1.43491	1.43491	14.4928	8.93361	0.547927	1
cg26841538	0.000106923	0.430791	-2.32131	0.0360243	1.35048	1.35048	0.00127101	0.56034	-1.78463	0.0283085	1.37572	1.37572	11.2126	2.69549	0.213688	1
cg25331703	0.429079	0.828174	-1.20748	0.481289	1.18197	1.18197	2.69E-05	6.93084	6.93084	0.154867	1.427	1.427	10.6548	9.20441	0.767886	1
cg22731578	0.00123971	1.50853	1.50853	4.38E-05	1.96406	1.96406	0.04525	1.22149	1.22149	0.15775	1.14061	1.14061	9.96226	1.19693	0.106797	1
cg02208308	0.0173737	1.2154	1.2154	0.000228143	1.51052	1.51052	0.103048	1.12761	1.12761	0.00382207	0.769021	-1.30035	9.8863	0.710159	0.0638512	1
cg12500876	0.684304	1.15923	1.15923	0.001119	5.66644	5.66644	0.00677915	3.55476	3.55476	0.444003	1.32586	1.32586	8.41099	17.4026	1.83914	1
cg20714708	0.358447	0.541803	-1.84569	0.000179416	0.0162942	-61.3716	0.00305735	0.0718874	-13.9106	0.266823	0.471985	-2.11871	8.04634	53.6744	5.92947	1
cg02262866	0.0142466	0.456286	-2.19161	0.309016	0.760905	-1.31422	0.0711778	1.68723	1.68723	0.104082	1.586	1.586	7.82836	8.35148	0.948287	1
cg23435508	9.22E-05	0.45059	-2.21931	0.667729	1.05055	1.05055	0.227402	0.865275	-1.1557	0.0172813	0.718084	-1.39259	7.82597	1.6164	0.183593	1
cg21736686	0.000198826	0.390899	-2.55821	0.00579411	1.72166	1.72166	0.222408	0.8247	-1.21256	0.648713	1.07137	1.07137	7.1908	2.57298	0.318059	1
cg07165120	0.00170307	0.201985	-4.95087	0.0367322	2.37793	2.37793	0.00279981	0.229838	-4.35089	0.6392	1.1836	1.1836	7.1852	14.5007	1.7939	1
cg21315992	0.549199	1.05703	1.05703	0.0348912	1.25234	1.25234	0.024867	0.783193	-1.27683	0.578249	0.949901	-1.05274	6.89196	0.914242	0.117914	1
cg13933859	0.00388745	0.324604	-3.08068	0.00509443	2.91912	2.91912	0.0396277	0.502282	-1.99091	0.324055	1.34277	1.34277	6.17101	8.185	1.17899	1
cg01677248	0.537927	1.20611	1.20611	0.00320119	0.298455	-3.35058	0.528811	0.825531	-1.21134	0.818688	0.933333	-1.07143	5.50119	7.86636	1.27106	1
cg27064285	0.000353805	0.316471	-3.15984	0.0882009	1.45828	1.45828	0.518965	0.877126	-1.14009	0.425183	1.17739	1.17739	5.40881	3.44448	0.56607	1
cg19013682	0.00712492	0.448385	-2.23023	0.153175	0.702581	-1.42332	0.0994296	0.659179	-1.51704	0.90589	1.02767	1.02767	4.5798	3.86277	0.749722	1
cg18083008	0.00177213	0.53475	-1.87003	0.580619	0.924531	-1.08163	0.348258	0.873022	-1.14545	0.00950812	0.630054	-1.58717	4.39267	1.37563	0.278368	1
cg22881247	0.0743314	0.500412	-1.99835	0.0236216	0.390259	-2.5624	0.150873	0.585078	-1.70917	0.245325	0.655011	-1.52669	4.24621	8.15262	1.70665	1
cg11143485	0.00505234	0.257051	-3.89028	0.348088	0.701891	-1.42472	0.31164	0.681446	-1.46747	0.0184469	0.350849	-2.85023	4.00674	8.51976	1.89009	1
cg23846509	0.327093	1.14982	1.14982	0.00205083	1.82107	1.82107	0.653576	0.939565	-1.06432	0.381514	0.88351	-1.13185	3.98547	1.20191	0.268064	1
cg07045891	0.0507084	12.0252	12.0252	0.00410148	73.8249	73.8249	0.0238991	20.302	20.302	0.0591611	10.8052	10.8052	3.95826	78.23	17.5678	1
cg27276115	0.104398	0.820133	-1.21931	0.724835	0.961291	-1.04027	0.322255	1.121	1.121	0.16865	1.17803	1.17803	5.20177	1.02795	0.175658	1
cg02042904	0.003298	1.67315	1.67315	0.255367	1.16495	1.16495	0.633413	0.940089	-1.06373	0.0908813	1.2706	1.2706	4.22683	1.10676	0.232748	1
cg18050543	0.00763495	0.278163	-3.59501	0.00691761	0.271026	-3.68968	0.839025	1.07559	1.07559	0.373538	0.719995	-1.3889	4.02679	8.01015	1.54717	1
cg23699274	0.125505	0.790295	-1.26535	0.0626038	0.742728	-1.34639	0.0470165	0.724211	-1.38081	0.032788	0.701538	-1.42544	3.47182	1.10783	0.283638	1
cg03930929	0.000272817	0.590612	-1.69316	5.23E-05	0.512908	-1.94967	9.30E-07	3.14298	3.14298	7.91E-05	0.532682	-1.87729	67.9455	8.38773	0.109731	1
cg09615224	0.0838403	0.7675	-1.30293	0.294204	1.1624	1.1624	0.00877652	0.63024	-1.5867	0.182996	1.21584	1.21584	28.8784	8.74994	0.269326	1
cg17199247	0.948712	1.02625	1.02625	1.02E-05	0.022178	-45.0897	0.594995	1.24124	1.24124	0.821932	0.913207	-1.09504	11.258	28.9255	2.28384	1
cg04150219	0.631194	0.898667	-1.11276	0.000757169	0.323715	-3.08913	0.170556	0.724421	-1.38041	0.000247447	0.262696	-3.80669	10.5073	8.12037	0.68696	1
cg17792833	0.519939	0.894379	-1.11809	0.286954	0.827597	-1.20832	0.650319	1.08123	1.08123	0.000189693	0.340662	-2.93546	7.09944	3.29322	0.412329	1
cg17912112	0.00110303	1.87556	1.87556	0.0145512	1.48216	1.48216	0.186883	0.832834	-1.20072	0.58748	0.930889	-1.07424	5.71345	1.54686	0.240658	1
cg09665338	0.24397	0.711989	-1.40452	0.0367466	0.508573	-1.96629	0.0114333	2.41567	2.41567	0.365143	0.771591	-1.29602	5.67375	6.9779	1.09321	1
cg01442531	0.214667	0.631065	-1.58462	0.014291	0.344824	-2.90003	0.0365921	2.35377	2.35377	0.759513	0.897442	-1.11428	5.2317	10.2907	1.74843	1
cg25095722	0.210758	1.29057	1.29057	0.158687	0.747186	-1.33835	0.0177321	1.74683	1.74683	0.107138	1.40525	1.40525	5.07283	3.00633	0.526787	1
cg08556718	0.114965	0.399922	-2.50049	0.00720941	0.156561	-6.38728	0.477691	0.679768	-1.47109	0.777803	0.859617	-1.16331	4.07592	18.4564	4.02503	1
cg00742851	0.0398745	0.368947	-2.71041	0.0266075	0.331885	-3.01309	0.00698373	0.2312	-4.32527	0.427124	0.711542	-1.4054	3.43995	9.59794	2.48013	1
cg10507275	0.00306005	0.482509	-2.0725	0.0012099	0.426781	-2.34312	0.173431	0.770861	-1.29725	0.0395756	0.65202	-1.5337	6.80838	3.48114	0.454491	1
cg18185008	0.689854	0.898033	-1.11354	0.0352064	0.518039	-1.93036	0.00676077	2.56334	2.56334	0.893385	1.03661	1.03661	5.22283	5.94641	1.01204	1
cg01826093	0.0809389	0.332879	-3.0041	0.0268525	0.225281	-4.4389	0.0866497	0.341059	-2.93205	0.315614	0.554452	-1.80358	3.5804	18.3207	4.5484	1
cg11820840	0.136952	0.384264	-2.60238	0.0109002	0.148374	-6.73974	0.569815	1.40903	1.40903	0.104906	0.347173	-2.88041	3.49193	19.711	5.01754	1
cg05221370	0.372487	1.40819	1.40819	0.115135	1.89732	1.89732	1.19E-05	31.8881	31.8881	0.126669	1.85461	1.85461	13.9159	30.805	1.9677	1
cg02172402	0.137487	0.76957	-1.29943	0.70431	1.06443	1.06443	0.243758	0.818969	-1.22105	0.214679	0.807434	-1.23849	3.60243	1.52985	0.377485	1
cg16246509	0.547798	1.16055	1.16055	0.0126066	2.13681	2.13681	0.00745006	2.32466	2.32466	4.56E-06	13.1587	13.1587	16.1971	15.372	0.843608	1
cg01193682	0.345509	1.20872	1.20872	3.16E-06	0.115694	-8.64351	0.620357	0.907169	-1.10233	0.984853	1.00371	1.00371	16.0003	9.64712	0.535943	1
cg21001198	0.0412209	52.5222	52.5222	0.00200409	1533.44	1533.44	0.0105886	223.112	223.112	0.0227281	98.1576	98.1576	4.2442	190.188	39.8322	1
cg07303912	0.133274	8.34416	8.34416	0.00182388	331.417	331.417	0.080766	12.639	12.639	0.0230477	35.1776	35.1776	4.01002	108.983	24.1579	1
cg16291589	0.0667757	2.22586	2.22586	0.550497	1.26511	1.26511	0.499859	1.30557	1.30557	0.187479	0.580507	-1.72263	3.99983	9.60161	2.13379	1
cg12453539	0.0755242	2.25385	2.25385	0.00698632	4.19133	4.19133	0.00524685	4.53694	4.53694	0.231094	1.67526	1.67526	3.51673	9.39653	2.37507	1
cg03353995	0.000399412	3.07257	3.07257	0.000604933	2.8677	2.8677	1.26E-05	6.24557	6.24557	0.00127183	2.55137	2.55137	17.3317	10.8975	0.558898	1
cg06884254	0.191513	0.67478	-1.48196	0.0135256	0.419155	-2.38575	0.029513	0.482336	-2.07324	0.00535725	0.352273	-2.83871	14.0932	18.0632	1.13928	1
cg19199590	0.0250574	0.398788	-2.5076	0.00588703	0.288529	-3.46585	0.271576	0.673846	-1.48402	0.0553399	0.472767	-2.11521	4.23475	7.97851	1.67472	1
cg13835337	0.000306977	0.415943	-2.40418	0.0238219	0.667849	-1.49735	1.34E-05	0.255647	-3.91164	0.0432121	0.706037	-1.41636	33.9111	12.0315	0.315374	1
cg09905511	0.550219	0.89579	-1.11633	0.00219024	0.457434	-2.18611	0.00107322	2.4099	2.4099	0.0464785	0.660227	-1.51463	14.7515	7.74385	0.466626	1
cg17961381	0.524462	0.789811	-1.26613	0.367058	0.712499	-1.40351	0.012166	3.13661	3.13661	0.0668266	2.12058	2.12058	6.49959	13.7763	1.88405	1
cg09742893	0.0658602	2.34967	2.34967	0.00232173	5.81648	5.81648	0.0307754	2.85786	2.85786	0.798072	0.899316	-1.11196	6.29233	17.0746	2.41206	1
cg24690060	0.0961969	0.705158	-1.41812	0.116868	1.38509	1.38509	0.638153	0.913399	-1.09481	0.161863	0.751538	-1.33061	3.82916	2.21768	0.514807	1
cg14012059	0.00208064	0.390582	-2.56028	0.0592633	0.630031	-1.58722	0.0767495	1.53272	1.53272	0.00358999	0.425057	-2.35263	11.7245	8.73969	0.662595	1
cg14139935	0.375856	0.737846	-1.3553	0.000417764	0.153841	-6.5002	0.309334	0.70332	-1.42183	0.38173	0.74074	-1.35	5.81788	10.3111	1.57538	1
cg14583686	0.928856	0.964422	-1.03689	0.00101701	0.138502	-7.22012	0.951786	1.02483	1.02483	0.222962	0.59482	-1.68118	4.01833	10.4734	2.31681	1
cg10188131	4.26E-08	0.0838337	-11.9284	0.737121	0.957595	-1.04428	0.233612	0.851619	-1.17423	0.351742	1.13118	1.13118	48.361	12.6706	0.232889	1
cg13969579	0.597975	0.907583	-1.10183	0.0228962	0.608934	-1.64222	0.00307324	0.477804	-2.09291	0.100782	0.720692	-1.38756	7.76789	4.0854	0.467497	1
cg13736810	0.514562	0.895898	-1.1162	0.515265	1.11599	1.11599	0.0826203	0.726339	-1.37677	0.00238201	2.02267	2.02267	7.72093	3.38299	0.389473	1
cg10027509	0.0421048	0.754609	-1.32519	0.0202223	0.714129	-1.40031	0.558026	1.07382	1.07382	0.811202	1.02919	1.02919	3.9558	0.905656	0.203506	1
cg11383981	0.0010122	0.253775	-3.9405	0.00152475	0.277137	-3.60833	0.00805022	0.384981	-2.59753	0.0429555	0.519444	-1.92514	12.6527	15.8447	1.11313	1
cg04211790	0.0116539	0.267204	-3.74246	0.032514	0.35077	-2.85087	0.0291965	0.341047	-2.93215	0.153068	0.527018	-1.89747	5.21924	14.4855	2.46702	1
cg11532513	0.0334395	0.307844	-3.2484	0.0106929	0.218467	-4.57734	0.0193884	0.26178	-3.82	0.215763	0.539207	-1.85457	4.23266	15.0671	3.1642	1
cg18348830	0.000259606	0.176648	-5.66097	0.000902451	0.238604	-4.19104	0.17772	0.661499	-1.51172	0.000781641	0.230893	-4.33101	15.4823	20.4112	1.17188	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25629418	LRTM2;LRTM2;CACNA2D4;LRTM2	0.0286389	0.527332	1.30627	1.30627	0.00449547	4.85531	4.85531	0.086138	2.20573	2.20573	0.146284	1.91667	1.91667	0.965541	1.01819	1.01819	0.132638	1.96783	1.96783	0.0187159	0.30462	-3.28278	0.0624646	2.39824	2.39824	0.326166	1.52641	1.52641	4.15459	11.4517	2.45013	1
cg01214459	LRTM2;LRTM2;CACNA2D4;LRTM2	0.0392691	0.00983297	0.17086	-5.85275	0.201418	0.481665	-2.07613	0.035661	0.266089	-3.75814	0.014599	0.196223	-5.09624	0.399693	0.626993	-1.59491	0.323257	1.73749	1.73749	0.0854926	0.35726	-2.79908	0.0208782	0.221927	-4.50599	0.247924	0.519933	-1.92333	3.70821	17.219	4.12754	1
cg05964721	LRTOMT;C11orf59;LRTOMT;LRTOMT	0.00135124	?	?	?	0.0152482	2.29373	2.29373	0.0261475	2.07709	2.07709	0.0655078	1.76376	1.76376	0.0296569	2.03038	2.03038	?	?	?	0.00137433	0.26423	-3.78458	0.00111578	0.251494	-3.97624	0.53484	1.18503	1.18503	13.6485	11.9612	0.876375	1
cg14688343	LRTOMT;LRTOMT;C11orf59;LRTOMT	0.000459714	0.352063	1.13921	1.13921	0.201113	1.20171	1.20171	0.106795	0.786914	-1.27079	0.121554	1.25664	1.25664	0.512732	1.09456	1.09456	4.69E-05	0.351695	-2.84338	0.000244558	0.438231	-2.2819	0.0460795	1.3649	1.3649	0.0163096	0.670531	-1.49136	14.6271	4.29087	0.260757	1
cg20789081	LRTOMT;LRTOMT;C11orf59;LRTOMT	0.00338024	0.000861201	0.532843	-1.87673	0.115194	0.806144	-1.24047	0.485927	0.914771	-1.09317	0.126389	0.812168	-1.23127	0.000366192	0.487646	-2.05067	0.00282544	0.596047	-1.67772	0.0329172	0.73059	-1.36876	0.417649	1.10983	1.10983	0.401274	0.897546	-1.11415	8.25934	2.07071	0.222855	1
cg15293363	LRTOMT;LRTOMT;LRTOMT	0.015351	0.149647	0.569125	-1.75708	0.557898	1.24139	1.24139	0.00897516	0.297455	-3.36185	0.781407	0.903483	-1.10683	0.0475637	0.437427	-2.2861	0.133529	0.554053	-1.80488	0.0011058	0.17301	-5.78002	0.40408	0.732333	-1.3655	0.0106544	0.30988	-3.22706	5.14119	10.8407	1.87431	1
cg27072820	LRTOMT;LRTOMT;LRTOMT	0.0364885	0.948263	0.970849	-1.03003	0.712424	1.18387	1.18387	0.303961	1.6248	1.6248	0.491337	1.3753	1.3753	0.000688758	0.0941849	-10.6174	0.239288	0.570168	-1.75387	0.714836	0.84595	-1.1821	0.923106	0.95694	-1.045	0.985126	0.991537	-1.00853	3.80912	12.5391	2.92609	1
cg24639487	LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT	0.000212824	0.00363648	0.452018	-2.2123	0.016015	1.81307	1.81307	0.011598	0.528947	-1.89055	0.0503873	0.637567	-1.56846	4.85E-05	0.213933	-4.67437	7.72E-05	0.23582	-4.24053	0.000346436	0.31299	-3.19499	0.455686	0.857846	-1.16571	0.216609	0.76921	-1.30003	18.064	11.652	0.573371	1
cg16047868	LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT	0.0139485	0.512564	1.20177	1.20177	0.409206	1.26312	1.26312	0.816001	0.937531	-1.06663	0.0232828	2.11786	2.11786	0.043862	0.526742	-1.89846	0.0125037	2.36288	2.36288	0.00405372	2.90935	2.90935	0.0268738	2.06577	2.06577	0.0461092	1.88223	1.88223	5.3063	6.43634	1.07819	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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cg03483046	LSP1;LSP1;LSP1;LSP1	0.0412409	0.687123	0.928561	-1.07694	0.555398	1.11537	1.11537	0.166821	0.763518	-1.30973	0.25254	1.24457	1.24457	0.447912	1.1521	1.1521
cg07049086	LSP1;LSP1;LSP1;LSP1	0.0418145	0.535505	1.15104	1.15104	0.62991	1.11499	1.11499	0.0169405	0.520515	-1.92118	0.947378	1.01491	1.01491	0.00356576	0.412673	-2.42323
cg16903735	LSP1;LSP1;LSP1;LSP1	0.0464647	0.576942	0.742204	-1.34734	0.404142	0.636622	-1.57079	0.0115528	0.188109	-5.31607	0.360756	0.608343	-1.64381	0.00900454	0.172608	-5.79347
cg08756594	LSP1;LSP1;LSP1;LSP1;LSP1	0.0104649	0.299045	1.27275	1.27275	0.0042611	2.35601	2.35601	0.524162	1.15562	1.15562	0.00452971	2.33387	2.33387	0.938086	1.01756	1.01756
cg15079934	LSP1;LSP1;LSP1;LSP1;LSP1	0.0398653	0.0861033	3.05258	3.05258	0.00652035	8.00629	8.00629	0.0743548	3.22196	3.22196	0.349278	1.76298	1.76298	0.229135	2.10146	2.10146
cg24024833	LSP1;LSP1;LSP1;LSP1;LSP1	0.0466873	0.0269013	2.02396	2.02396	0.00584583	2.63984	2.63984	0.790052	1.07442	1.07442	0.13527	1.54204	1.54204	0.935795	0.97856	-1.02191
cg09521133	LSR;LSR;LSR	9.95E-06	0.0615629	1.37241	1.37241	0.00495834	1.74941	1.74941	0.000137195	2.69513	2.69513	6.00E-06	4.60054	4.60054	1.17E-05	4.03591	4.03591
cg15185001	LSR;LSR;LSR	0.000380463	0.722804	1.08253	1.08253	0.00029767	3.70997	3.70997	0.526683	1.15354	1.15354	0.337478	0.802372	-1.24631	0.915012	0.97651	-1.02405
cg06330142	LSR;LSR;LSR	0.000972941	0.00864267	1.25415	1.25415	0.000762543	0.708219	-1.41199	0.14861	1.11049	1.11049	0.0853117	1.13732	1.13732	0.179941	0.908161	-1.10113
cg16612742	LSR;LSR;LSR	0.00151059	0.30984	1.3035	1.3035	0.000497964	3.95144	3.95144	0.992508	1.00237	1.00237	0.466284	1.20562	1.20562	0.0338558	1.86795	1.86795
cg03521258	LSR;LSR;LSR	0.00266161	0.130102	0.547209	-1.82745	0.678863	1.16594	1.16594	0.823189	1.08603	1.08603	0.367934	0.711036	-1.4064	0.196988	0.604726	-1.65364
cg11806945	LSR;LSR;LSR	0.00319891	0.956275	1.02068	1.02068	0.000594014	10.536	10.536	0.449131	0.7483	-1.33636	0.467528	1.32016	1.32016	0.120595	0.523285	-1.91101
cg16795830	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.000842194	0.598564	0.872838	-1.14569	0.0578703	1.73142	1.73142	0.0513695	0.566719	-1.76454	0.096757	0.627049	-1.59477	2.85E-05	0.121745	-8.21386
cg14324675	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.0168702	0.409028	0.830681	-1.20383	0.713639	0.922217	-1.08434	0.00355935	0.419922	-2.38139	0.205398	0.745642	-1.34113	0.679417	0.912748	-1.09559
cg19271190	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.034943	0.0127528	0.461426	-2.16719	0.0296678	0.527401	-1.89609	0.265404	0.748196	-1.33655	0.0407698	0.55415	-1.80457	0.0656157	0.59665	-1.67602
cg09761080	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.0330258	0.0744097	2.49334	2.49334	0.00127436	8.67041	8.67041	0.183748	1.91209	1.91209	0.421688	1.45828	1.45828	0.534948	1.33484	1.33484
cg09531959	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.0496186	0.153002	2.13314	2.13314	0.00299758	7.50137	7.50137	0.0733585	2.68698	2.68698	0.564034	1.33469	1.33469	0.261836	1.78466	1.78466
cg03739609	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.011161	0.262061	1.31553	1.31553	0.0100663	2.14177	2.14177	0.270025	1.3091	1.3091	0.0405698	0.57432	-1.74119	0.0425928	1.72889	1.72889
cg12882907	LTA4H	0.014776	0.415854	1.32436	1.32436	0.00415007	3.66229	3.66229	0.00216537	4.28033	4.28033	0.70359	0.878856	-1.13784	0.0310165	0.425142	-2.35216
cg11560184	LTA4H;LTA4H	0.0157479	0.120409	1.26464	1.26464	0.805927	1.0349	1.0349	0.0496972	1.36621	1.36621	0.294601	0.859415	-1.16358	0.535342	1.09143	1.09143
cg21240855	LTA;LTA	0.000539904	0.0367193	1.50866	1.50866	0.00222131	0.483744	-2.06721	5.59E-05	0.280968	-3.55912	0.0025404	2.0335	2.0335	0.606381	1.09206	1.09206
cg26348243	LTA;LTA	0.000930861	0.00316875	0.374514	-2.67013	0.160453	1.44094	1.44094	2.50E-05	0.129986	-7.69311	0.00846241	0.440867	-2.26826	0.0232637	0.516468	-1.93623
cg14441276	LTA;LTA	0.00115483	0.00130114	0.121685	-8.21791	0.00620658	0.200945	-4.97649	0.00497198	0.187811	-5.32451	0.0555907	0.376972	-2.65272	0.00080314	0.102781	-9.7294
cg20330447	LTA;LTA	0.00468677	0.78403	1.05846	1.05846	0.416186	0.842112	-1.18749	0.000422075	0.314957	-3.17503	0.157365	1.36709	1.36709	0.628903	1.10595	1.10595
cg17709873	LTA;LTA	0.0107432	0.0396051	0.593585	-1.68468	0.0260098	0.560431	-1.78434	0.000436309	0.29573	-3.38146	0.0801571	0.653469	-1.5303	0.406742	0.830266	-1.20443
cg16280132	LTA;LTA	0.0134338	0.0564776	0.423637	-2.36051	0.170441	1.78718	1.78718	0.000402583	0.106664	-9.37524	0.0831105	0.466215	-2.14493	0.367438	0.691953	-1.44519
cg13815684	LTA;LTA	0.0144771	0.640094	0.914708	-1.09325	0.0283945	0.612758	-1.63196	0.000812717	0.384454	-2.60109	0.699619	0.929231	-1.07616	0.0408367	0.639589	-1.5635
cg10995925	LTA;LTA	0.0415845	0.19526	0.53583	-1.86626	0.169586	0.513542	-1.94726	0.00804879	0.213048	-4.69378	0.994779	1.00298	1.00298	0.238497	0.569882	-1.75475
cg10476003	LTA;LTA;LTA	0.000477552	0.000115409	0.215391	-4.64271	0.689736	0.912905	-1.0954	0.00150235	0.353873	-2.82587	0.00302005	0.397274	-2.51716	0.000134923	0.222857	-4.48718
cg11586857	LTA;LTA;LTA	0.003054	0.00158883	0.331895	-3.013	0.907092	1.02882	1.02882	0.00338687	0.379274	-2.63662	0.886159	1.03547	1.03547	0.00031134	0.240966	-4.14996
cg16219283	LTA;LTA;LTA	0.00704485	0.451838	0.884273	-1.13087	0.990811	1.00185	1.00185	0.000489907	0.416311	-2.40205	0.603412	0.919345	-1.08773	0.463876	0.887255	-1.12707
cg14437551	LTA;LTA;LTA	0.00947651	0.728751	1.15275	1.15275	0.427043	0.71811	-1.39254	0.00240733	0.177967	-5.61901	0.0766993	0.447574	-2.23427	0.00142052	0.151804	-6.58746
cg24216966	LTA;LTA;LTA	0.0398114	0.00869541	0.182775	-5.4712	0.478987	1.44165	1.44165	0.0293447	0.271317	-3.68572	0.0478457	0.316678	-3.15778	0.294724	0.575611	-1.73729
cg17169196	LTA;LTA;LTA	0.0449659	0.315055	0.766182	-1.30517	0.209079	0.712165	-1.40417	0.00125476	0.298857	-3.34608	0.6997	0.905411	-1.10447	0.0595125	0.579687	-1.72507
cg14910524	LTA;LTA;TNF	0.00133	0.00841802	0.771551	-1.29609	0.184029	1.11473	1.11473	0.026168	0.81601	-1.22547	0.00815898	0.770325	-1.29815	0.329488	0.925371	-1.08065
cg16000077	LTB4R2;CIDEB	0.0174512	0.00954151	0.217345	-4.60099	0.00607649	0.189088	-5.28853	0.190199	0.524654	-1.90602	0.948439	1.03052	1.03052	0.00326761	0.15503	-6.45035
cg07182753	LTB4R2;CIDEB	0.0343138	0.477961	0.840945	-1.18914	0.480525	1.1879	1.1879	0.248401	1.33605	1.33605	0.683506	0.906267	-1.10343	0.00088266	0.302174	-3.30935
cg21418076	LTB4R2;CIDEB;LTB4R2	0.0367672	0.545977	0.877988	-1.13897	0.00365889	0.433045	-2.30923	0.767828	0.938906	-1.06507	0.564497	0.883349	-1.13205	0.574761	0.88629	-1.1283
cg25610294	LTB4R2;CIDEB;LTB4R2	0.0413402	0.00313458	0.525908	-1.90148	0.28612	1.19274	1.19274	0.976608	0.995346	-1.00468	0.154145	0.784485	-1.27472	0.842013	1.03226	1.03226
cg10337819	LTB4R2;LTB4R2;CIDEB;LTB4R2;LTB4R2	0.0345724	0.136429	0.712666	-1.40318	0.0034207	0.431843	-2.31566	0.366483	0.822118	-1.21637	0.0964284	1.47013	1.47013	0.221453	0.762367	-1.3117
cg26310551	LTB4R2;LTB4R2;LTB4R2;CIDEB;CIDEB;LTB4R	0.0028978	0.0186666	4.18428	4.18428	0.00195718	9.00748	9.00748	0.523565	1.3834	1.3834	0.282229	1.75243	1.75243	0.449346	1.4726	1.4726
cg15364618	LTB4R2;LTB4R2;LTB4R2;CIDEB;CIDEB;LTB4R	0.00744055	0.0999618	1.89048	1.89048	0.0021546	4.58104	4.58104	0.240697	1.54333	1.54333	0.416818	1.34066	1.34066	0.134426	1.76865	1.76865
cg25576711	LTB4R2;LTB4R2;LTB4R2;CIDEB;CIDEB;LTB4R	0.0270631	0.0607947	3.06254	3.06254	0.102229	2.57806	2.57806	0.966921	1.0222	1.0222	0.199075	2.05146	2.05146	0.553671	1.37336	1.37336
cg06796435	LTB4R2;LTB4R2;LTB4R2;CIDEB;LTB4R	0.0231849	0.680998	1.12499	1.12499	0.00176858	3.55642	3.55642	0.412309	1.26977	1.26977	0.388549	0.77741	-1.28632	0.582693	1.17129	1.17129
cg10193721	LTB4R2;LTB4R2;LTB4R2;CIDEB;LTB4R	0.02894	0.142575	1.86763	1.86763	0.00194669	5.67929	5.67929	0.126847	1.9241	1.9241	0.621184	0.820839	-1.21827	0.456486	1.35063	1.35063
cg16075268	LTB4R2;LTB4R2;LTB4R2;LTB4R;CIDEB	0.00592985	0.00448209	0.325132	-3.07567	0.016533	2.38244	2.38244	0.804742	0.929195	-1.0762	0.353051	0.753286	-1.32752	0.00105283	0.23769	-4.20717
cg07760773	LTB4R2;LTB4R2;LTB4R2;LTB4R;CIDEB;CIDEB	0.00254709	0.0358594	0.367939	-2.71784	0.00976429	3.81199	3.81199	0.00478229	0.215756	-4.63487	0.11294	2.02691	2.02691	0.0129794	0.282939	-3.53432
cg07509935	LTB4R2;LTB4R2;LTB4R2;LTB4R;CIDEB;CIDEB	0.0038286	0.151481	0.439631	-2.27464	0.0792842	2.83413	2.83413	0.0107473	0.180154	-5.5508	0.29352	1.79081	1.79081	0.00171297	0.0912777	-10.9556
cg20007021	LTB4R2;LTB4R2;LTB4R2;LTB4R;CIDEB;CIDEB	0.0141655	0.764533	0.837097	-1.1946	0.0115305	6.48978	6.48978	0.0543728	0.274669	-3.64075	0.172312	2.36289	2.36289	0.122393	0.37122	-2.69382
cg08211413	LTB4R;LTB4R	6.62E-05	1.32E-05	4.94227	4.94227	0.000133791	3.18459	3.18459	0.638581	0.920547	-1.08631	0.000708541	2.46661	2.46661	0.000147741	3.1326	3.1326
cg12948771	LTB4R;LTB4R	0.00796122	0.0135785	0.243537	-4.10615	0.0118865	0.234062	-4.27238	0.007408	0.202799	-4.93098	0.702598	0.837423	-1.19414	0.689501	0.830487	-1.20411
cg06768599	LTB4R;LTB4R	0.010761	0.211055	0.707853	-1.41272	0.017856	2.12751	2.12751	0.00222159	0.325062	-3.07633	0.604742	1.14673	1.14673	0.187445	0.693279	-1.44242
cg06823034	LTB4R;LTB4R2;LTB4R2;LTB4R2;LTB4R;CIDEB	0.00995596	0.188491	1.73986	1.73986	0.0019493	5.70498	5.70498	0.0850301	2.13163	2.13163	0.726453	0.869705	-1.14982	0.302953	1.52822	1.52822
cg12853742	LTB4R;LTB4R2;LTB4R2;LTB4R2;LTB4R;CIDEB;LTB4R	0.0240069	0.207131	1.65154	1.65154	0.00089568	6.52266	6.52266	0.0233813	2.77765	2.77765	0.262925	0.643927	-1.55297	0.679457	1.16964	1.16964
cg09274091	LTB4R;LTB4R;CIDEB	0.0105896	0.00645595	0.17786	-5.62241	0.0285142	0.283629	-3.52574	0.360504	0.63234	-1.58143	0.892083	0.935962	-1.06842	0.00317532	0.140194	-7.13295
cg13335388	LTB;LTB	0.000243825	3.85E-05	0.303487	-3.29503	0.00237304	0.527053	-1.89734	0.0227122	0.662224	-1.51006	0.0114502	0.619911	-1.61313	0.00219903	0.522672	-1.91324
cg03316030	LTB;LTB	0.00100022	0.154762	1.11558	1.11558	0.151773	0.895581	-1.11659	0.695878	0.972182	-1.02861	0.282606	0.922947	-1.08349	0.285329	1.08296	1.08296
cg15804767	LTB;LTB	0.00317463	?	?	?	0.0312091	7.1944	7.1944	0.0077357	15.9417	15.9417	0.0127592	0.0845308	-11.83	?	?	?
cg23351030	LTB;LTB	0.00382919	0.000242442	0.570388	-1.75319	0.13822	0.871819	-1.14703	0.101611	1.167	1.167	0.638744	0.960579	-1.04104	0.0161036	0.77226	-1.2949
cg02249390	LTB;LTB	0.00418768	0.137712	0.82843	-1.2071	0.169912	1.18784	1.18784	0.000798656	0.550895	-1.81523	0.287887	0.87816	-1.13874	0.12331	0.821547	-1.21722
cg13150632	LTB;LTB	0.0122519	0.950034	0.986873	-1.0133	0.545379	0.878935	-1.13774	0.674933	1.09301	1.09301	0.745031	1.07123	1.07123	0.00320982	0.428226	-2.33521
cg06526741	LTB;LTB	0.0151091	0.820074	0.961758	-1.03976	0.417947	1.15219	1.15219	0.471329	0.882137	-1.13361	0.0114684	0.581957	-1.71834	0.256027	0.816337	-1.22498
cg00731683	LTB;LTB	0.0155193	0.00786568	0.534621	-1.87048	0.0116934	0.560725	-1.78341	0.766439	0.946769	-1.05622	0.270612	1.23446	1.23446	0.00356746	0.48434	-2.06466
cg24479522	LTB;LTB	0.0183402	0.00183967	0.25193	-3.96936	0.0237151	2.31963	2.31963	0.0231562	2.33049	2.33049	0.794254	1.08486	1.08486	0.899414	0.961358	-1.0402
cg15025383	LTB;LTB	0.0263998	0.560694	1.10424	1.10424	0.199735	0.795855	-1.25651	0.48261	1.12781	1.12781	0.777662	0.953406	-1.04887	0.62614	1.08627	1.08627
cg14208573	LTB;LTB	0.0322254	0.495327	0.801634	-1.24745	0.00823624	0.339848	-2.94249	0.155793	0.615722	-1.62411	0.309984	1.39863	1.39863	0.131427	0.594486	-1.68213
cg21055528	LTB;LTB	0.0334587	0.0204702	0.316491	-3.15965	0.0273679	2.93082	2.93082	0.183265	1.78905	1.78905	0.665019	0.835716	-1.19658	0.523054	0.765947	-1.30557
cg06887580	LTB;LTB	0.0458919	0.925692	0.981563	-1.01878	0.855637	0.964324	-1.037	0.00949564	1.92608	1.92608	0.359552	1.20673	1.20673	0.733138	1.07065	1.07065
cg19279042	LTB;LTB	0.047329	0.162586	0.716278	-1.39611	0.0865917	0.654621	-1.5276	0.0478691	0.602698	-1.65921	0.0281363	0.559689	-1.78671	0.253196	0.765583	-1.3062
cg05688523	LTBP1	0.00796969	0.133263	0.621195	-1.6098	0.0431177	0.504562	-1.98192	0.00684203	0.357112	-2.80024	0.0858085	0.572281	-1.74739	0.124867	0.613625	-1.62966
cg11199399	LTBP1	0.00832781	0.93366	1.00734	1.00734	0.00399024	1.40491	1.40491	0.0273267	1.25783	1.25783	0.403951	0.92772	-1.07791	0.55303	0.948645	-1.05414
cg00908117	LTBP1	0.0107045	0.05213	0.372147	-2.68711	0.0613397	0.389365	-2.56829	0.00420386	0.179897	-5.55875	0.561141	0.768801	-1.30073	0.0113176	0.24193	-4.13342
cg16336556	LTBP1	0.0139313	0.0461412	0.319402	-3.13086	0.0144156	0.22173	-4.50999	0.00805719	0.183537	-5.44849	0.0516866	0.330844	-3.02257	0.0251512	0.264425	-3.78179
cg27569706	LTBP1	0.0277028	0.0625681	2.83541	2.83541	0.0106254	4.94113	4.94113	0.956906	0.973486	-1.02724	0.0472151	3.09307	3.09307	0.420566	0.66418	-1.50562
cg12210094	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	7.75E-06	9.37E-05	0.396144	-2.52434	0.00689578	0.628131	-1.59202	4.81E-06	0.249053	-4.01521	0.00219763	0.565058	-1.76973	1.12E-05	0.288806	-3.46254
cg14392843	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	8.85E-06	0.131538	0.735951	-1.35879	0.672461	0.923039	-1.08338	1.72E-05	0.190306	-5.2547	0.523887	0.885463	-1.12935	0.0474664	0.652462	-1.53266
cg21846949	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	8.27E-05	0.0115771	0.394073	-2.5376	0.993084	0.997447	-1.00256	0.00200753	0.27638	-3.6182	0.0040777	0.498253	-2.00701	0.000448036	0.195316	-5.11991
cg27366866	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.000273656	0.251359	0.803111	-1.24516	0.465856	1.14543	1.14543	0.000426549	0.360398	-2.77471	0.307894	1.21301	1.21301	0.555759	0.896707	-1.11519
cg08818866	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.00100487	0.568834	0.900323	-1.11071	0.434633	1.15645	1.15645	0.0097422	0.550952	-1.81504	0.00441001	0.500065	-1.99974	0.764434	1.05633	1.05633
cg03172098	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.00307128	0.00811573	0.346875	-2.88289	0.0167265	0.401561	-2.49028	0.000420754	0.174452	-5.73225	0.032413	0.457313	-2.18669	0.00217097	0.260795	-3.83443
cg15772133	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.00587227	0.68301	0.942757	-1.06072	0.00190351	0.531784	-1.88046	0.00461527	0.582062	-1.71803	0.117645	0.783507	-1.27631	0.00125657	0.508536	-1.96643
cg11865223	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.0109043	0.938038	0.976931	-1.02361	0.00672858	0.34823	-2.87166	0.0318886	0.470054	-2.12741	0.0543107	1.92619	1.92619	0.00355697	0.305509	-3.27323
cg22827324	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.0314212	0.642251	0.95787	-1.04398	0.0118964	1.33486	1.33486	0.100717	1.17987	1.17987	0.115205	0.854214	-1.17067	0.729718	1.03242	1.03242
cg08175640	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.0408537	0.353428	0.752199	-1.32943	0.941169	0.978228	-1.02226	0.00546325	0.336267	-2.97383	0.0699984	0.546517	-1.82977	0.0120398	0.393001	-2.54452
cg18658787	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.0437879	0.0328212	0.34075	-2.93471	0.0829597	0.437003	-2.28831	0.0565052	0.394151	-2.5371	0.131804	0.495873	-2.01665	0.00872485	0.23671	-4.22458
cg26672287	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.0467813	0.767555	1.11581	1.11581	0.247101	0.639265	-1.5643	0.0246782	0.371952	-2.68852	0.629988	0.835719	-1.19657	0.00253701	0.212464	-4.70668
cg14986500	LTBP2	3.24E-05	0.0620009	0.656523	-1.52318	0.00111236	0.382166	-2.61667	0.0378702	0.617472	-1.61951	0.149502	1.36269	1.36269	4.59E-06	0.12163	-8.22166
cg14340889	LTBP2	0.000116346	0.00133611	0.471796	-2.11956	0.000218579	2.69878	2.69878	0.236079	1.22141	1.22141	0.628774	0.924524	-1.08164	1.62E-05	0.238964	-4.18473
cg18835656	LTBP2	0.000242085	0.050966	0.604096	-1.65537	0.0134077	2.00217	2.00217	0.475182	1.17896	1.17896	0.745737	0.928891	-1.07655	5.66E-06	0.0982966	-10.1733
cg26126052	LTBP2	0.000264213	0.0661747	0.607173	-1.64698	0.0602476	1.67042	1.67042	0.15	0.688237	-1.45299	0.0481155	0.578748	-1.72787	0.765829	1.07499	1.07499
cg09331879	LTBP2	0.000816716	0.0834424	0.680701	-1.46907	0.0860824	1.46333	1.46333	0.0421239	1.60003	1.60003	0.167581	1.34349	1.34349	0.317679	1.23039	1.23039
cg11114503	LTBP2	0.00182769	0.910298	1.03536	1.03536	0.0782731	1.82772	1.82772	0.120012	0.59453	-1.682	0.836106	1.06595	1.06595	0.0628611	0.52455	-1.9064
cg26084949	LTBP2	0.00205962	0.000320609	0.231681	-4.31627	0.0706599	0.602111	-1.66082	0.00140312	0.31291	-3.19581	0.00190326	0.331304	-3.01837	0.114698	0.649968	-1.53854
cg16239257	LTBP2	0.00213022	0.132372	0.540461	-1.85027	0.182055	0.584676	-1.71035	0.00511326	0.246167	-4.06229	0.514585	0.778476	-1.28456	5.15E-05	0.0566228	-17.6607
cg09370702	LTBP2	0.00217167	0.167542	1.1668	1.1668	0.000111912	2.03828	2.03828	0.804638	1.02633	1.02633	0.00704455	1.4409	1.4409	0.229925	0.876264	-1.14121
cg03491087	LTBP2	0.00322243	0.303274	0.761321	-1.31351	0.00286862	0.350279	-2.85487	0.000565869	0.255062	-3.92062	0.0133762	0.456789	-2.18919	0.00422021	0.37539	-2.66389
cg25980489	LTBP2	0.00324357	0.0253694	0.68543	-1.45894	0.379893	0.879839	-1.13657	0.000252249	0.424183	-2.35747	0.526169	0.912761	-1.09558	0.0010416	0.501615	-1.99356
cg17335494	LTBP2	0.00329931	0.017381	2.86141	2.86141	0.00609179	3.66838	3.66838	0.105201	1.90141	1.90141	0.121925	1.83779	1.83779	0.00467532	3.91584	3.91584
cg20375122	LTBP2	0.00526436	0.259552	0.695747	-1.4373	0.00255062	0.27498	-3.63663	0.0473508	0.496685	-2.01335	0.758644	0.90932	-1.09972	0.00045301	0.181811	-5.5002
cg15981604	LTBP2	0.0135073	0.0410802	0.656431	-1.52339	0.280952	0.818625	-1.22156	0.360294	0.845391	-1.18289	0.339549	0.855494	-1.16892	0.00374157	0.497038	-2.01192
cg15926671	LTBP2	0.0143413	0.0195111	8.30528	8.30528	0.0250489	7.38092	7.38092	0.0748834	4.42644	4.42644	0.181573	2.89629	2.89629	0.0293867	6.84789	6.84789
cg26011692	LTBP2	0.0158542	0.905801	1.01763	1.01763	0.0229837	0.669383	-1.49391	0.401048	0.880858	-1.13526	0.169419	0.805702	-1.24115	0.00246647	0.537221	-1.86143
cg07531056	LTBP2	0.0205367	0.557659	1.36129	1.36129	0.00247608	8.9204	8.9204	0.742499	1.18707	1.18707	0.159253	2.18684	2.18684	0.0129024	0.200761	-4.98106
cg05848660	LTBP2	0.0208767	0.672406	0.937588	-1.06657	0.754983	0.953673	-1.04858	0.00405796	1.79428	1.79428	0.202242	0.815458	-1.22631	0.358324	1.15387	1.15387
cg11718443	LTBP2	0.0217376	0.131511	0.798078	-1.25301	0.00732753	0.619449	-1.61434	0.454925	1.1112	1.1112	0.0302801	1.42311	1.42311	0.0139962	0.656789	-1.52256
cg08299089	LTBP2	0.0265796	0.0441687	0.331117	-3.02008	0.00981797	0.210043	-4.76092	0.335456	0.621995	-1.60773	0.125281	0.452402	-2.21042	0.0169852	0.248682	-4.0212
cg06834434	LTBP2	0.030733	0.751075	1.04838	1.04838	0.0762348	1.34026	1.34026	0.218361	1.21193	1.21193	0.930295	0.987095	-1.01307	0.162982	0.801647	-1.24743
cg19332572	LTBP3;LTBP3;LTBP3	7.92E-05	0.000176526	3.98239	3.98239	3.10E-05	5.85143	5.85143	0.7622	0.936174	-1.06818	0.122981	1.43786	1.43786	0.92871	1.01964	1.01964
cg04089426	LTBP3;LTBP3;LTBP3	0.000435761	0.485792	0.66895	-1.49488	0.000152333	39.9503	39.9503	0.00892111	6.61004	6.61004	0.0314894	4.18689	4.18689	0.0617387	3.30153	3.30153
cg07873178	LTBP3;LTBP3;LTBP3	0.0027055	0.364052	1.77497	1.77497	0.00325726	11.7972	11.7972	0.302016	1.93046	1.93046	0.0160354	6.13009	6.13009	0.0259124	5.08709	5.08709
cg11802864	LTBP3;LTBP3;LTBP3	0.00300624	0.385926	1.95098	1.95098	0.83913	1.16514	1.16514	0.628163	0.692836	-1.44334	0.588581	0.663239	-1.50775	0.468262	1.74177	1.74177
cg09801334	LTBP3;LTBP3;LTBP3	0.00619835	0.0814896	0.760382	-1.31513	0.405187	0.886193	-1.12842	0.0282928	0.692572	-1.44389	0.334424	0.868293	-1.15169	0.899773	1.01804	1.01804
cg04007841	LTBP3;LTBP3;LTBP3	0.00620366	0.0221496	1.49118	1.49118	0.00284332	1.81925	1.81925	0.021783	1.49346	1.49346	0.00346984	1.78233	1.78233	0.00632305	1.67858	1.67858
cg08676812	LTBP3;LTBP3;LTBP3	0.00950746	0.461822	1.40171	1.40171	0.0701083	2.49137	2.49137	0.4139	1.45723	1.45723	0.477249	1.3851	1.3851	0.60776	1.26287	1.26287
cg20588859	LTBP3;LTBP3;LTBP3	0.0108768	0.00381368	5.96038	5.96038	0.0614747	2.62209	2.62209	0.0315695	3.16934	3.16934	0.0268038	3.32114	3.32114	0.0383351	2.99877	2.99877
cg12282552	LTBP3;LTBP3;LTBP3	0.0120889	0.214475	0.739593	-1.35209	0.0288421	1.81288	1.81288	0.25386	1.31658	1.31658	0.488071	0.849931	-1.17657	0.000591283	0.293826	-3.40338
cg00206168	LTBP3;LTBP3;LTBP3	0.0126454	0.649659	0.822035	-1.21649	0.821675	1.10158	1.10158	0.799577	0.896707	-1.11519	0.693461	0.84386	-1.18503	0.818226	1.10368	1.10368
cg20210376	LTBP3;LTBP3;LTBP3	0.0160699	0.0486375	1.58295	1.58295	0.00200454	0.41096	-2.43332	0.109547	1.4273	1.4273	0.626489	1.10519	1.10519	0.144576	1.37654	1.37654
cg06867571	LTBP3;LTBP3;LTBP3	0.0173951	0.165899	1.55993	1.55993	0.000854689	4.51548	4.51548	0.219862	1.47436	1.47436	0.0170047	2.40072	2.40072	0.316224	1.36591	1.36591
cg24392577	LTBP3;LTBP3;LTBP3	0.0182009	0.742082	1.1156	1.1156	0.00386005	3.631	3.631	0.0615794	2.0087	2.0087	0.110204	0.561775	-1.78007	0.383274	1.34468	1.34468
cg16327477	LTBP3;LTBP3;LTBP3	0.0189774	0.827605	0.949916	-1.05272	0.858985	1.04279	1.04279	0.142991	0.690134	-1.44899	0.631348	1.12064	1.12064	0.0607182	0.607664	-1.64565
cg21584461	LTBP3;LTBP3;LTBP3	0.0225107	0.593412	1.10097	1.10097	0.15557	0.762436	-1.31159	0.930811	1.01562	1.01562	0.788997	0.95325	-1.04904	0.708756	1.06927	1.06927
cg04255276	LTBP3;LTBP3;LTBP3	0.0234361	0.357278	1.36264	1.36264	0.012465	2.76252	2.76252	0.347371	1.37195	1.37195	0.650322	0.86144	-1.16085	0.494003	1.25483	1.25483
cg23743554	LTBP3;LTBP3;LTBP3	0.0310316	0.208416	1.34898	1.34898	0.616225	0.892198	-1.12083	0.913211	1.02491	1.02491	0.098407	1.50549	1.50549	0.116706	1.46922	1.46922

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03483046	0.658394	1.08486	1.08486	0.00115977	2.39519	2.39519	0.271865	0.811087	-1.23291	0.964274	1.00823	1.00823	3.64184	1.93287	0.471768	1
cg07049086	0.980223	1.00557	1.00557	0.1959	1.3588	1.3588	0.538095	1.14999	1.14999	0.332428	1.25126	1.25126	3.62327	2.88383	0.707485	1
cg16903735	0.652742	0.78694	-1.27074	0.0404406	3.49754	3.49754	0.231422	0.514782	-1.94257	0.408693	0.639531	-1.56365	3.4834	15.4387	3.93963	1
cg08756594	0.207118	1.34731	1.34731	0.0126414	2.00303	2.00303	0.0629195	0.625733	-1.59813	0.010088	2.06981	2.06981	5.82518	4.63238	0.706875	1
cg15079934	0.21546	2.15376	2.15376	0.00501907	8.88509	8.88509	0.491501	0.662877	-1.50858	0.0931129	2.96555	2.96555	3.68771	20.2248	4.875	1
cg24024833	0.131033	1.55054	1.55054	0.0475412	1.83983	1.83983	0.393223	0.790353	-1.26526	0.0463008	1.84797	1.84797	3.47715	3.98519	1.01876	1
cg09521133	0.0466941	1.4083	1.4083	4.89E-05	3.15022	3.15022	8.98E-07	7.09098	7.09098	0.0789904	1.34072	1.34072	40.6246	14.5403	0.318149	1
cg15185001	0.738	0.927973	-1.07762	0.132798	0.696885	-1.43496	1.08E-05	8.08529	8.08529	0.157834	1.3997	1.3997	15.4114	12.1018	0.698	1
cg06330142	0.00834375	0.7961	-1.25612	0.00471399	1.28917	1.28917	0.00147202	1.36409	1.36409	0.585091	1.038	1.038	11.8584	0.859371	0.0644174	1
cg16612742	0.122114	1.52593	1.52593	0.482638	0.835296	-1.19718	0.000117452	5.47933	5.47933	0.00173533	3.08535	3.08535	10.4584	10.5368	0.895552	1
cg03521258	0.438651	0.747294	-1.33816	0.567724	0.808175	-1.23736	4.05E-05	17.9809	17.9809	0.884433	0.94778	-1.0551	8.86681	19.0958	1.91434	1
cg11806945	0.220351	1.63227	1.63227	0.158365	0.561614	-1.78058	0.000336674	13.6694	13.6694	0.927761	1.03444	1.03444	12.2688	25.8001	1.40193	1
cg16795830	0.0316386	0.524646	-1.90605	0.00134228	0.303332	-3.29672	0.0243488	0.503096	-1.98769	0.0173327	0.4762	-2.09996	12.352	12.8211	0.92265	1
cg14324675	0.013016	0.508172	-1.96784	0.00162038	0.370615	-2.69822	0.463547	0.848814	-1.17812	0.0277807	0.564742	-1.77072	4.98223	3.80852	0.679485	1
cg19271190	0.00621847	0.410032	-2.43883	0.057746	0.584918	-1.70964	0.0474555	0.567367	-1.76253	0.0419598	0.556631	-1.79652	3.86941	3.82849	0.879489	1
cg09761080	0.0634281	2.61001	2.61001	0.0371656	3.0404	3.0404	0.0285961	3.27752	3.27752	0.139027	2.07901	2.07901	3.94895	13.2124	2.97405	1
cg09531959	0.059605	2.86456	2.86456	0.0308994	3.50647	3.50647	0.0326574	3.44708	3.44708	0.221186	1.8901	1.8901	3.398	13.1887	3.45004	1
cg03739609	0.0220099	1.9044	1.9044	0.00308292	2.58543	2.58543	0.0580529	1.65265	1.65265	0.376664	0.808364	-1.23707	5.70572	4.96941	0.774179	1
cg12882907	0.641644	1.17156	1.17156	0.476556	0.783083	-1.277	0.965187	1.01485	1.01485	0.355943	1.37818	1.37818	5.20652	9.40994	1.60652	1
cg11560184	0.0560097	0.739567	-1.35214	0.00109632	0.51116	-1.95633	0.13167	0.797071	-1.25459	0.463207	0.901161	-1.10968	5.09783	1.56839	0.273475	1
cg21240855	0.153895	0.772074	-1.29521	0.0516081	0.687019	-1.45556	0.262821	0.820519	-1.21874	0.0182716	0.615456	-1.62481	13.989	6.36129	0.404208	1
cg26348243	0.0555651	0.589453	-1.69649	0.491504	1.18557	1.18557	0.307475	0.773079	-1.29353	0.148499	0.685528	-1.45873	12.0077	11.2879	0.835601	1
cg14441276	0.0019464	0.139336	-7.17687	0.000532301	0.0884553	-11.3051	0.000678731	0.0967275	-10.3383	0.02084	0.286252	-3.49343	11.2947	36.1812	2.84745	1
cg20330447	0.00075144	0.347458	-2.87805	0.993621	1.00165	1.00165	0.830617	1.04529	1.04529	0.137972	0.718707	-1.39139	7.48469	5.06912	0.602014	1
cg17709873	0.864466	1.03815	1.03815	0.0797611	1.53133	1.53133	0.408112	0.830737	-1.20375	0.428226	0.83756	-1.19394	5.77627	4.39428	0.67622	1
cg16280132	0.945473	1.02758	1.02758	0.265221	1.58695	1.58695	0.542384	0.782489	-1.27797	0.250857	0.620516	-1.61156	5.37216	13.4597	2.22707	1
cg13815684	0.466052	1.15077	1.15077	0.133188	1.35891	1.35891	0.293904	0.813746	-1.22888	0.0462676	0.649048	-1.54072	5.24174	2.97533	0.504554	1
cg10995925	0.251541	0.579486	-1.72567	0.0183944	0.271771	-3.67957	0.00475877	0.181354	-5.51407	0.118974	0.46267	-2.16137	3.63067	11.929	2.92054	1
cg10476003	0.000864372	0.321252	-3.11282	0.00200269	0.37144	-2.69222	0.0138703	0.501373	-1.99452	0.0118356	0.489867	-2.04137	14.4737	11.8202	0.725927	1
cg11586857	0.361968	1.25609	1.25609	0.0241775	0.519946	-1.92328	0.634631	0.89004	-1.12354	0.0517735	0.583574	-1.71358	8.51291	7.98271	0.833527	1
cg16219283	0.0386864	0.681005	-1.46842	0.000897912	0.450436	-2.22007	0.587697	1.09181	1.09181	0.770641	0.954178	-1.04802	6.60196	2.69188	0.362435	1
cg14437551	0.158361	0.540247	-1.85101	0.00300137	0.189813	-5.26833	0.280082	0.632247	-1.58166	0.901902	0.950896	-1.05164	6.01293	15.8774	2.34715	1
cg24216966	0.0125727	0.206511	-4.84235	0.0556714	0.332186	-3.01036	0.74771	0.848717	-1.17825	0.108041	0.41017	-2.43802	3.68955	15.0946	3.63661	1
cg17169196	0.101095	0.631092	-1.58456	0.550406	1.16753	1.16753	0.811543	1.06315	1.06315	0.44518	0.819117	-1.22083	3.52653	3.67091	0.925281	1
cg14910524	0.935349	1.00627	1.00627	0.000101236	1.7005	1.7005	0.135639	0.883427	-1.13196	0.599901	1.04164	1.04164	10.8479	1.02048	0.0836191	1
cg16000077	0.118182	0.45443	-2.20056	0.737028	0.854973	-1.16963	0.812254	0.895275	-1.11698	0.011126	0.227705	-4.39165	4.92608	16.8638	3.043	1
cg07182753	0.847431	1.04734	1.04734	0.364853	1.25054	1.25054	0.500282	0.8485	-1.17855	0.155512	0.69425	-1.4404	3.89491	3.55655	0.811668	1
cg21418076	0.41301	0.836762	-1.19508	0.0069207	2.10491	2.10491	0.665787	0.911614	-1.09695	0.632973	0.902624	-1.10788	3.79859	2.72798	0.638361	1
cg25610294	0.0881728	1.34901	1.34901	0.399907	1.14695	1.14695	0.473574	1.12297	1.12297	0.0954868	0.747214	-1.3383	3.6386	1.4589	0.3564	1
cg10337819	0.798817	1.0554	1.0554	0.0613544	1.56053	1.56053	0.738063	1.07343	1.07343	0.192937	0.747598	-1.33762	3.88436	2.74198	0.62747	1
cg26310551	0.0783717	2.66892	2.66892	0.000213296	22.3146	22.3146	0.00166002	9.57554	9.57554	0.0104308	5.04762	5.04762	8.6466	34.5161	3.54833	1
cg15364618	0.050383	2.19887	2.19887	0.000471788	6.9632	6.9632	0.00942655	3.19822	3.19822	0.0214465	2.65443	2.65443	6.49016	12.8293	1.7571	1
cg25576711	0.340799	1.68173	1.68173	0.00216533	9.76967	9.76967	0.00789721	6.07598	6.07598	0.0182222	4.56221	4.56221	4.23819	18.8221	3.94761	1
cg06796435	0.11244	1.63621	1.63621	0.0084773	2.60518	2.60518	0.0403256	1.96378	1.96378	0.482164	0.815843	-1.22573	4.47249	5.75043	1.14287	1
cg10193721	0.064082	2.28127	2.28127	0.0124368	3.43101	3.43101	0.0300316	2.74976	2.74976	0.535694	1.2822	1.2822	4.13926	10.298	2.21145	1
cg16075268	0.206343	0.673559	-1.48465	0.542502	1.20055	1.20055	0.059853	0.532845	-1.87672	0.134056	1.61454	1.61454	6.96439	9.69538	1.23745	1
cg07760773	0.626926	0.818254	-1.22212	0.325531	0.65987	-1.51545	0.0622972	2.36155	2.36155	0.00184245	6.11721	6.11721	8.98255	23.8564	2.36077	1
cg07509935	0.564025	0.732084	-1.36596	0.188792	0.474963	-2.10543	0.0318744	3.83763	3.83763	0.00438891	7.64581	7.64581	7.95671	36.0339	4.02555	1
cg20007021	0.906241	0.932632	-1.07223	0.688868	1.26902	1.26902	0.00954279	6.98089	6.98089	0.00629821	8.21756	8.21756	5.27944	29.2972	4.93271	1
cg08211413	0.853754	1.03282	1.03282	0.0146507	1.69201	1.69201	3.14E-05	4.13745	4.13745	0.00358475	1.99429	1.99429	24.7183	11.9889	0.431129	1
cg12948771	0.045409	0.345982	-2.89033	0.00127252	0.113731	-8.7927	0.0137489	0.244441	-4.09096	0.00690627	0.198463	-5.03872	6.35386	21.5254	3.01134	1
cg06768599	0.418573	0.805145	-1.24201	0.0926707	0.615594	-1.62445	0.0231655	2.03773	2.03773	0.174577	1.46032	1.46032	5.7732	6.28654	0.967927	1
cg06823034	0.030113	2.75577	2.75577	0.00136617	6.33924	6.33924	0.00664533	4.05511	4.05511	0.308168	1.5208	1.5208	5.91897	14.809	2.22396	1
cg12853742	0.891443	1.05285	1.05285	0.407331	0.726401	-1.37665	0.167812	1.74089	1.74089	0.887555	1.05481	1.05481	4.41896	9.95383	2.00225	1
cg09274091	0.0271958	0.279563	-3.57701	0.00201405	0.119509	-8.36756	0.0441169	0.323808	-3.08825	0.0372872	0.30772	-3.2497	5.80307	21.8471	3.34645	1
cg13335388	0.00011951	0.361791	-2.76403	0.000137329	0.369143	-2.70898	0.412748	0.881125	-1.13491	0.00169177	0.507657	-1.96984	17.4082	6.29705	0.321537	1
cg03316030	0.0229066	0.822447	-1.21588	0.000103187	1.63787	1.63787	0.0277458	0.829577	-1.20543	0.00115724	1.40888	1.40888	11.7658	0.9611	0.0726097	1
cg15804767	?	?	?	?	?	?	0.00879179	0.0678087	-14.7474	?	?	?	14.3074	51.807	5.43151	1
cg23351030	0.00643343	0.730338	-1.36923	0.0257358	0.793513	-1.26022	0.0694353	0.838945	-1.19197	0.19316	1.12528	1.12528	9.30398	1.04134	0.0870522	1
cg02249390	0.0820657	1.25464	1.25464	0.00176362	1.68976	1.68976	0.641862	0.94634	-1.0567	0.256408	0.869801	-1.14969	7.74458	1.70067	0.195195	1
cg13150632	0.648078	0.907648	-1.10175	0.000545519	0.322128	-3.10435	0.883778	1.03132	1.03132	0.458403	1.17258	1.17258	5.53602	3.89828	0.625926	1
cg06526741	0.00623059	0.543214	-1.84089	0.00823949	0.560807	-1.78315	0.0265246	1.56845	1.56845	0.900797	0.978882	-1.02157	5.1683	2.39775	0.412386	1
cg00731683	0.300127	0.821046	-1.21796	0.813591	1.04433	1.04433	0.0375144	0.641977	-1.55769	0.296242	1.22004	1.22004	5.12263	2.73582	0.474725	1
cg24479522	0.690812	0.882858	-1.13269	0.605703	0.850205	-1.17619	0.367716	0.749505	-1.33421	0.278506	1.4207	1.4207	4.8445	7.45122	1.36718	1
cg15025383	0.567713	1.10224	1.10224	0.000749252	0.422313	-2.36791	0.107788	1.34419	1.34419	0.450774	0.878525	-1.13827	4.2752	1.92354	0.399937	1
cg14208573	0.0102096	0.355497	-2.81296	0.0554175	2.00041	2.00041	0.953854	0.98169	-1.01865	0.91226	1.03583	1.03583	3.98385	6.43452	1.43569	1
cg21055528	0.585257	0.796907	-1.25485	0.00986951	0.260987	-3.83161	0.0888806	0.461603	-2.16636	0.909871	0.954421	-1.04776	3.9305	10.5644	2.38915	1
cg06887580	0.00852461	0.511899	-1.95351	0.468295	1.15859	1.15859	0.108518	1.41796	1.41796	0.55667	0.888173	-1.12591	3.49968	2.20554	0.560187	1
cg19279042	0.196444	0.736591	-1.35761	0.0293631	1.77607	1.77607	0.915767	1.02396	1.02396	0.0563292	0.616487	-1.62209	3.45931	2.74498	0.70534	1
cg05688523	0.00736486	0.362303	-2.76012	0.000861249	0.22973	-4.35293	0.932121	0.975268	-1.02536	0.00378494	0.317142	-3.15316	6.35173	8.69321	1.21657	1
cg11199399	0.0830595	0.844858	-1.18363	0.00324611	0.702821	-1.42284	0.0987971	0.852989	-1.17235	0.203964	1.125	1.125	6.26437	0.765713	0.108652	1
cg00908117	0.11102	0.459857	-2.17459	0.0015672	0.130979	-7.63484	0.391717	0.675272	-1.48088	0.00472684	0.186512	-5.3616	5.78298	18.3364	2.81845	1
cg16336556	0.294161	1.722	1.722	0.00246244	0.122037	-8.19424	0.261505	0.557175	-1.79477	0.0615778	0.34932	-2.8627	5.30847	20.9759	3.51236	1
cg27569706	0.108281	2.38992	2.38992	0.0120766	4.74126	4.74126	0.0573798	2.91232	2.91232	0.0122668	4.71751	4.71751	4.20354	16.4636	3.48141	1
cg12210094	0.000881882	0.515441	-1.94008	1.13E-05	0.289409	-3.45532	0.897658	1.01726	1.01726	1.51E-06	0.19814	-5.04694	43.333	12.131	0.248843	1
cg14392843	0.027669	1.63277	1.63277	2.71E-07	0.0569571	-17.5571	0.929104	0.983381	-1.0169	4.62E-05	0.234837	-4.25828	41.8717	23.52	0.499302	1
cg21846949	0.0415559	0.499984	-2.00006	1.46E-06	0.0270872	-36.9178	0.808814	1.07412	1.07412	0.00108312	0.240982	-4.14968	23.2946	32.1017	1.22495	1
cg27366866	0.0874312	0.708064	-1.4123	6.32E-06	0.158062	-6.32664	0.871734	0.970869	-1.03	0.00467771	0.502595	-1.98967	16.8687	8.94319	0.471256	1
cg08818866	0.28295	0.815932	-1.22559	0.000226012	0.326852	-3.05948	0.458494	1.14757	1.14757	0.000116799	0.292089	-3.42361	11.7503	6.18729	0.468057	1
cg03172098	0.00368261	0.293361	-3.40877	0.00444268	0.305528	-3.27303	0.0811787	0.546645	-1.82934	0.00992575	0.361511	-2.76616	8.49865	13.1352	1.37383	1
cg15772133	0.06901	0.746672	-1.33928	0.13545	1.25989	1.25989	0.668316	1.06384	1.06384	0.116035	0.782522	-1.27792	6.98538	2.28041	0.290182	1
cg11865223	0.182479	1.52919	1.52919	0.640736	0.868409	-1.15153	0.0767124	1.80581	1.80581	0.936815	0.97648	-1.02409	5.74867	8.20497	1.26869	1
cg22827324	0.0161035	1.3112	1.3112	0.0478396	1.23141	1.23141	0.333656	0.912337	-1.09609	0.241515	0.893335	-1.1194	4.02003	0.538937	0.119167	1
cg08175640	0.562959	0.839946	-1.19055	0.980214	1.00742	1.00742	0.694538	0.888957	-1.12491	0.0116659	0.390616	-2.56006	3.65456	5.14813	1.25217	1
cg18658787	0.0355828	0.348223	-2.87172	0.0116618	0.256853	-3.89327	0.951791	0.974266	-1.02641	0.169656	0.532163	-1.87912	3.56168	10.4887	2.61766	1
cg26672287	0.251126	0.641909	-1.55785	0.173008	0.585027	-1.70932	0.213565	1.62292	1.62292	0.376656	0.715043	-1.39852	3.47451	7.52181	1.92431	1
cg14986500	2.37E-05	0.184653	-5.41558	1.00E-05	0.149936	-6.66951	0.00789532	0.50543	-1.97851	0.124156	0.716482	-1.39571	29.8421	18.9516	0.564502	1
cg14340889	0.280596	1.19802	1.19802	0.000789611	0.441705	-2.26395	0.0954837	0.744507	-1.34317	0.369505	0.86203	-1.16005	21.2607	8.73794	0.365324	1
cg18835656	0.412915	0.827141	-1.20898	0.0729426	1.57376	1.57376	0.256495	0.764513	-1.30802	0.00305564	0.398616	-2.50868	17.4422	14.1985	0.723586	1
cg26126052	0.290855	0.766921	-1.30392	0.292115	0.767491	-1.30295	0.0951439	0.641499	-1.55885	5.03E-06	12.379	12.379	17.0312	15.8102	0.825159	1
cg09331879	0.00013959	0.266983	-3.74556	0.000456405	3.02901	3.02901	0.0402263	1.60925	1.60925	0.119688	1.40342	1.40342	12.4593	7.95118	0.567262	1
cg11114503	0.961404	0.985192	-1.01503	0.000162584	0.137527	-7.27127	0.000343874	0.169237	-5.90887	0.121765	0.596227	-1.67721	9.89784	14.8994	1.33806	1
cg26084949	0.360659	0.789774	-1.26619	0.00292075	0.358109	-2.79245	0.00186221	0.32997	-3.03058	0.0643347	0.593343	-1.68536	9.55968	9.54948	0.88794	1
cg16239257	0.00325344	0.218612	-4.57432	0.781642	0.900067	-1.11103	0.417663	0.730638	-1.36867	0.0177085	0.335221	-2.98311	9.46607	21.5256	2.02131	1
cg09370702	0.000919512	1.68079	1.68079	0.916313	1.01108	1.01108	0.261456	1.13066	1.13066	0.832029	1.02252	1.02252	9.4129	1.63926	0.1548	1
cg03491087	0.00580662	0.396915	-2.51943	0.00519281	0.389298	-2.56873	0.0286179	0.516641	-1.93558	0.00614671	0.400831	-2.49482	8.378	8.6788	0.920803	1
cg25980489	0.0158094	0.656917	-1.52226	0.48316	1.10659	1.10659	0.00848491	0.620321	-1.61207	0.285786	0.854232	-1.17064	8.36169	2.67484	0.284349	1
cg17335494	0.0174943	2.85712	2.85712	0.000219942	9.34695	9.34695	0.00237212	4.65701	4.65701	0.424531	1.34452	1.34452	8.31931	17.3604	1.8549	1
cg20375122	0.0865454	0.557694	-1.7931	0.164041	1.58093	1.58093	0.282284	1.41145	1.41145	0.0340116	0.466156	-2.14521	7.2239	10.8842	1.33928	1
cg15981604	0.0707685	1.43415	1.43415	0.00801103	1.83458	1.83458	0.955672	1.00998	1.00998	0.108396	0.731423	-1.3672	5.36257	2.70863	0.448977	1
cg15926671	0.163242	3.05235	3.05235	0.000874856	42.2109	42.2109	0.00679401	13.8764	13.8764	0.180124	2.90781	2.90781	5.25805	46.8267	7.91619	1
cg26011692	0.117344	1.28537	1.28537	0.0356865	1.43447	1.43447	0.209923	0.822822	-1.21533	0.0765083	0.747658	-1.33751	5.08644	1.75477	0.306657	1
cg07531056	0.678425	1.24218	1.24218	0.113566	0.40837	-2.44876	0.459946	1.47895	1.47895	0.186441	0.482618	-2.07203	4.66237	19.978	3.80885	1
cg05848660	0.55225	0.912915	-1.09539	0.0077684	0.595743	-1.67858	0.114158	0.770753	-1.29743	0.139814	1.27217	1.27217	4.63634	1.68585	0.323215	1
cg11718443	0.261706	1.17603	1.17603	0.493114	1.10123	1.10123	0.876601	0.978703	-1.02176	0.0937306	0.774655	-1.2909	4.57271	1.38989	0.27018	1
cg08299089	0.16084	0.488685	-2.04631	0.011491	0.220583	-4.53345	0.0140622	0.234747	-4.2599	0.0130696	0.229527	-4.35679	4.26506	15.4372	3.2173	1
cg06834434	0.205811	1.21914	1.21914	0.00398591	1.77649	1.77649	0.00578277	1.71055	1.71055	0.524484	1.10049	1.10049	4.0519	1.41443	0.310292	1
cg19332572	0.00221593	2.53899	2.53899	8.97E-06	8.09277	8.09277	0.000446394	3.33301	3.33301	0.00684511	2.14079	2.14079	23.5594	17.6226	0.664893	1
cg04089426	0.0655904	3.23171	3.23171	0.102778	0.36302	-2.75467	0.000101878	49.7515	49.7515	0.000349563	26.1258	26.1258	14.8451	75.763	4.5365	1
cg07873178	0.0847423	3.23086	3.23086	0.0712577	0.289563	-3.45348	0.000397831	32.062	32.062	0.00178836	15.3971	15.3971	8.82409	52.8842	5.32726	1
cg11802864	0.323077	2.15427	2.15427	0.0731357	0.222522	-4.49393	0.000192043	112.479	112.479	0.000802385	44.898	44.898	8.55287	76.5847	7.95934	1
cg09801334	0.879944	1.02167	1.02167	0.000208344	2.41208	2.41208	0.232388	0.837221	-1.19443	0.732969	0.952578	-1.04978	6.86977	2.18969	0.283327	1
cg04007841	0.0203705	1.50269	1.50269	0.125663	0.785518	-1.27304	0.0338692	1.43454	1.43454	0.0786522	1.32911	1.32911	6.86795	2.30811	0.298729	1
cg08676812	0.0358099	3.00738	3.00738	0.473787	1.38878	1.38878	0.000372685	13.0187	13.0187	0.00209462	7.03789	7.03789	6.00669	19.3333	2.861	1
cg20588859	0.0275339	3.29568	3.29568	0.00168624	7.79704	7.79704	0.00872994	4.61283	4.61283	0.0401671	2.95922	2.95922	5.75336	19.078	2.94753	1
cg12282552	0.793023	1.06258	1.06258	0.373319	1.23485	1.23485	0.676778	1.1016	1.1016	0.0847395	0.644001	-1.55279	5.56016	4.6918	0.750065	1
cg00206168	0.800791	0.897314	-1.11444	0.884794	0.93976	-1.0641	0.00114184	7.76709	7.76709	0.00126246	7.51501	7.51501	5.47937	15.937	2.58537	1
cg20210376	0.0932577	1.4572	1.4572	0.0211852	1.7596	1.7596	0.481114	1.15724	1.15724	0.745384	1.0687	1.0687	5.06364	3.33508	0.585451	1
cg06867571	0.77823	0.918545	-1.08868	0.139789	1.61305	1.61305	0.0100879	2.65635	2.65635	0.0521583	1.94391	1.94391	4.9314	7.07284	1.27489	1
cg24392577	0.139128	1.69436	1.69436	0.00456618	3.49397	3.49397	0.0978158	1.82509	1.82509	0.347171	0.725679	-1.37802	4.85696	8.44026	1.54468	1
cg16327477	0.144519	0.691251	-1.44665	0.00430311	2.45812	2.45812	0.00918777	2.17982	2.17982	0.185043	1.39257	1.39257	4.78899	4.20969	0.781366	1
cg21584461	0.150935	1.3162	1.3162	0.00042716	2.70592	2.70592	0.80894	1.04419	1.04419	0.263613	1.23123	1.23123	4.51818	2.27997	0.448552	1
cg04255276	0.10778	1.77458	1.77458	0.000934643	5.02391	5.02391	0.059597	2.00336	2.00336	0.702886	0.882277	-1.13343	4.45588	7.53801	1.50373	1
cg23743554	0.783652	1.06409	1.06409	0.000591317	3.31249	3.31249	0.208468	1.34893	1.34893	0.738793	1.07846	1.07846	4.03796	3.25844	0.717291	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05638689	LTBP3;LTBP3;LTBP3	0.0374852	0.0529075	4.72588	4.72588	0.00657148	12.0835	12.0835	0.0900285	3.73983	3.73983	0.183053	2.71107	2.71107	0.0828017	3.88098	3.88098
cg14749448	LTBP3;LTBP3;LTBP3	0.0377784	0.130103	1.30789	1.30789	0.623461	0.921976	-1.08463	0.85361	1.03079	1.03079	0.314307	1.18629	1.18629	0.735404	1.05726	1.05726
cg07408779	LTBP3;LTBP3;LTBP3	0.0451467	0.00857151	3.34632	3.34632	0.548665	1.24433	1.24433	0.672854	1.1653	1.1653	0.0526223	2.21144	2.21144	0.750717	1.12166	1.12166
cg16853102	LTBP4	0.0456588	0.834612	0.947495	-1.05541	0.0475092	1.79453	1.79453	0.509473	0.841459	-1.18841	0.0107821	2.28479	2.28479	0.184075	0.695245	-1.43834
cg16637556	LTBP4;LTBP4	0.00228504	0.124991	1.22792	1.22792	0.0718471	0.780001	-1.28205	0.0860969	0.790987	-1.26424	0.0841783	1.26645	1.26645	0.521317	0.922777	-1.08369
cg21944491	LTBP4;LTBP4;LTBP4	2.84E-06	0.934696	1.02087	1.02087	0.205796	1.39997	1.39997	0.77317	1.07557	1.07557	0.725104	0.914847	-1.09308	2.83E-07	0.0220569	-45.3373
cg19098465	LTBP4;LTBP4;LTBP4	0.000104262	0.00147585	2.50402	2.50402	0.000308467	3.22741	3.22741	0.0359382	0.613733	-1.62937	0.00177546	2.43584	2.43584	0.000186504	0.283097	-3.53236
cg24872571	LTBP4;LTBP4;LTBP4	0.000115748	0.236142	1.22302	1.22302	1.70E-05	4.18642	4.18642	0.192568	0.799592	-1.25064	0.0552369	1.42252	1.42252	0.000103248	0.328228	-3.04666
cg06732228	LTBP4;LTBP4;LTBP4	0.000401535	0.257922	1.42253	1.42253	0.649143	1.14653	1.14653	0.868831	1.05058	1.05058	0.565823	1.18921	1.18921	0.000357558	0.180829	-5.53008
cg26441372	LTBP4;LTBP4;LTBP4	0.000661024	0.404653	0.86668	-1.15383	0.442477	0.876858	-1.14044	0.103824	0.741953	-1.34779	0.866107	1.02872	1.02872	1.15E-05	0.209875	-4.76474
cg15794640	LTBP4;LTBP4;LTBP4	0.0007863	0.00101441	0.283473	-3.52767	0.470653	0.827145	-1.20898	0.193697	0.700739	-1.42706	0.46372	1.21271	1.21271	4.95E-05	0.139376	-7.17483
cg15768901	LTBP4;LTBP4;LTBP4	0.00080663	0.223505	0.600371	-1.66564	0.712172	0.862575	-1.15932	0.370097	0.692679	-1.44367	0.711205	1.15993	1.15993	1.79E-05	0.0303021	-33.001
cg18820595	LTBP4;LTBP4;LTBP4	0.000827088	0.0422818	0.529388	-1.88897	0.162193	0.666459	-1.50047	0.00139545	0.283934	-3.52195	0.00150519	3.46772	3.46772	0.0841549	0.594785	-1.68128
cg26504110	LTBP4;LTBP4;LTBP4	0.000837251	0.000501303	36.7593	36.7593	0.000425377	40.273	40.273	0.189244	2.51189	2.51189	0.00523862	11.4622	11.4622	0.338335	0.520141	-1.92255
cg13593448	LTBP4;LTBP4;LTBP4	0.00123444	0.16371	0.654485	-1.52792	0.268837	0.72003	-1.38883	0.00337663	0.320779	-3.11741	0.130948	0.628042	-1.59225	0.273285	0.722397	-1.38428
cg21417630	LTBP4;LTBP4;LTBP4	0.00151175	0.00377504	0.324114	-3.08534	0.0427863	1.9585	1.9585	0.17677	0.661063	-1.51272	0.423614	1.26565	1.26565	0.00459678	0.337095	-2.96652
cg00853445	LTBP4;LTBP4;LTBP4	0.00225257	2.40E-05	0.0123764	-80.7989	0.0432819	0.297486	-3.3615	0.316175	0.582474	-1.71682	0.750605	0.846788	-1.18093	0.0908426	0.378506	-2.64197
cg18489603	LTBP4;LTBP4;LTBP4	0.00232497	0.0128139	0.387928	-2.5778	0.387904	0.762555	-1.31138	0.000957467	0.221542	-4.51382	0.462997	0.795457	-1.25714	0.000204975	0.148713	-6.72435
cg07808231	LTBP4;LTBP4;LTBP4	0.00256126	0.378336	0.576391	-1.73493	0.867176	1.10742	1.10742	0.0310722	0.213794	-4.6774	0.357688	0.561811	-1.77996	0.0164646	0.167546	-5.96851
cg11621464	LTBP4;LTBP4;LTBP4	0.00294631	0.608799	0.759129	-1.3173	0.586598	0.745923	-1.34062	0.524207	0.708522	-1.41139	0.576018	1.35206	1.35206	0.000113112	0.026782	-37.3385
cg25233685	LTBP4;LTBP4;LTBP4	0.00325169	0.00438789	0.17763	-5.62969	0.375565	0.661597	-1.51149	0.580801	1.28835	1.28835	0.0160887	3.81135	3.81135	0.00104027	0.110183	-9.07585
cg10330839	LTBP4;LTBP4;LTBP4	0.00392118	0.00547894	0.173962	-5.74839	0.0310102	0.297455	-3.36185	0.384581	0.652539	-1.53247	0.190017	1.94378	1.94378	0.00335976	0.147994	-6.75705
cg22455795	LTBP4;LTBP4;LTBP4	0.00396317	0.000193961	0.409005	-2.44496	0.126836	0.790266	-1.2654	0.240273	0.839238	-1.19156	0.731454	0.952079	-1.05033	0.696277	1.05751	1.05751
cg12205193	LTBP4;LTBP4;LTBP4	0.00647153	0.0816894	0.836361	-1.19566	0.00288354	1.46162	1.46162	0.493596	0.937639	-1.06651	0.243782	1.11957	1.11957	0.00442778	0.703456	-1.42155
cg23088184	LTBP4;LTBP4;LTBP4	0.00730968	0.0604596	0.322914	-3.0968	0.182287	0.469631	-2.12933	0.71613	0.822843	-1.2153	0.163288	2.21326	2.21326	0.00647309	0.151061	-6.61985
cg01564640	LTBP4;LTBP4;LTBP4	0.00755901	0.0214988	4.02786	4.02786	0.00147571	10.121	10.121	0.715488	1.20282	1.20282	0.454957	1.46804	1.46804	0.0097374	0.192163	-5.20392
cg27645259	LTBP4;LTBP4;LTBP4	0.0176212	0.0173078	8.51944	8.51944	0.0487816	5.2753	5.2753	0.0924961	3.92846	3.92846	0.0913536	3.95121	3.95121	0.357552	0.496969	-2.0122
cg19612309	LTBP4;LTBP4;LTBP4	0.0278482	0.02094	0.148648	-6.72728	0.147786	2.902	2.902	0.596491	0.693091	-1.44281	0.1147	3.24447	3.24447	0.00571658	0.0832348	-12.0142
cg18834361	LTBP4;LTBP4;LTBP4	0.032125	0.677458	0.940192	-1.06361	0.130062	0.785766	-1.27264	0.203894	0.820612	-1.2186	0.262435	1.18801	1.18801	0.973741	0.995159	-1.00486
cg10253929	LTBP4;LTBP4;LTBP4	0.0331226	0.0434771	0.149264	-6.69954	0.0323893	0.128471	-7.78384	0.00528834	0.0492091	-20.3214	0.0146766	0.0853521	-11.7162	0.00854936	0.0640331	-15.6169
cg03309253	LTBP4;LTBP4;LTBP4	0.0338221	0.281845	2.41058	2.41058	0.578573	1.55494	1.55494	0.551979	0.622882	-1.60544	0.103984	4.04919	4.04919	0.0411479	0.156679	-6.38246
cg22046408	LTBP4;LTBP4;LTBP4	0.037188	0.0296419	0.138576	-7.21627	0.25067	0.395919	-2.52577	0.00150067	0.0292477	-34.1907	0.0413196	0.162562	-6.15151	0.0302989	0.140048	-7.14043
cg00475131	LTBP4;LTBP4;LTBP4	0.044615	0.00596886	0.177592	-5.63087	0.12482	0.449823	-2.2231	0.0363968	0.310521	-3.22039	0.748674	0.856795	-1.16714	0.00452438	0.162193	-6.16548
cg19872335	LTBP4;LTBP4;LTBP4	0.0456266	0.891891	0.939355	-1.06456	0.998819	0.999319	-1.00068	0.00856833	0.213773	-4.67786	0.417127	1.46449	1.46449	0.274833	0.592913	-1.68659
cg24621362	LTBR	0.0154706	0.564152	0.845075	-1.18333	0.151334	1.5588	1.5588	0.015023	0.421863	-2.37044	0.0198096	0.443833	-2.2531	0.00771899	0.372255	-2.68633
cg14864994	LTBR	0.0391219	0.0171453	2.03587	2.03587	0.711567	0.913118	-1.09515	0.0134596	0.472939	-2.11444	0.531982	1.16757	1.16757	0.0227341	1.9489	1.9489
cg23123163	LTC4S	0.0143411	0.388371	0.840833	-1.1893	0.88592	0.972241	-1.02855	0.099167	0.701542	-1.42543	0.691515	0.924769	-1.08135	0.636686	0.910918	-1.09779
cg19759135	LTC4S;LTC4S	0.0105742	0.00449635	0.0796405	-12.5564	0.310757	1.95823	1.95823	0.908599	0.929402	-1.07596	0.216393	0.433545	-2.30657	0.00216852	0.0549875	-18.1859
cg14939553	LTF	0.000257174	0.466585	0.760971	-1.31411	0.00691262	0.275555	-3.62903	0.0562973	0.450718	-2.21868	0.0856935	0.496421	-2.01442	5.40E-05	0.0623034	-16.0505
cg02615711	LTF	0.00195709	0.953672	1.01499	1.01499	0.894608	0.966623	-1.03453	0.0058644	0.397063	-2.51849	0.228426	1.38232	1.38232	0.000243266	0.211444	-4.72938
cg13672136	LTF	0.0259762	0.6889	0.844123	-1.18466	0.722987	0.860823	-1.16168	0.0196273	0.305098	-3.27764	0.752072	1.14276	1.14276	0.0108369	0.259925	-3.84727
cg21867850	LTK;LTK;LTK	0.00292237	0.000585516	0.1445	-6.92042	0.00133313	0.183018	-5.46394	0.0106768	0.310886	-3.21661	0.179065	0.594765	-1.68133	0.00114776	0.175548	-5.69645
cg07621749	LTK;LTK;LTK	0.00491919	0.015547	0.495057	-2.01997	0.00184896	0.350882	-2.84996	0.0097265	0.460765	-2.1703	0.042787	0.575509	-1.73759	0.0134712	0.484403	-2.0644
cg22713900	LTK;LTK;LTK	0.0108902	0.0563184	3.73348	3.73348	0.0172083	5.86681	5.86681	0.28086	1.98027	1.98027	0.167327	2.4528	2.4528	0.0375058	4.35472	4.35472
cg21791017	LTK;LTK;LTK	0.0135378	0.0376435	6.30066	6.30066	0.0167119	9.29843	9.29843	0.431531	1.84556	1.84556	0.160869	3.13687	3.13687	0.0327074	6.73585	6.73585
cg27494383	LTK;LTK;LTK	0.0262177	?	?	?	0.0295848	0.505406	-1.97861	0.0365053	0.524079	-1.90811	?	?	?	0.314346	0.762239	-1.31192
cg13163521	LTK;LTK;LTK	0.0292587	0.0225613	6.4064	6.4064	0.0458182	4.74311	4.74311	0.934294	1.05767	1.05767	0.0838227	3.67299	3.67299	0.0210288	6.60241	6.60241
cg25298161	LTK;LTK;LTK	0.0337694	0.0212484	0.223307	-4.47814	0.00353282	0.117526	-8.50879	0.115043	0.395451	-2.52876	0.106282	0.384836	-2.59851	0.0715833	0.336468	-2.97206
cg00360794	LTK;LTK;LTK	0.0457783	0.0466237	7.81516	7.81516	0.0321388	9.62953	9.62953	0.17595	3.66367	3.66367	0.103073	4.99862	4.99862	0.0719875	6.12491	6.12491
cg03257179	LTK;LTK;LTK;LTK;LTK;LTK	0.0489131	0.076563	0.570712	-1.7522	0.00899092	0.388379	-2.5748	0.0137918	0.420346	-2.37899	0.0769748	0.571257	-1.75053	0.239551	0.704232	-1.41999
cg19696329	LTV1	0.000105819	0.477267	1.04902	1.04902	0.0139418	0.817805	-1.22278	0.894276	1.00884	1.00884	0.812835	0.984415	-1.01583	0.00593247	0.787954	-1.26911
cg05215536	LTV1	0.0167061	0.666289	1.14978	1.14978	0.150317	1.64217	1.64217	0.369587	1.34505	1.34505	0.129639	0.590539	-1.69337	0.590642	1.19088	1.19088
cg13292487	LTV1	0.0252691	0.358906	1.49337	1.49337	0.508206	1.33022	1.33022	0.472928	0.733206	-1.36387	0.0845439	2.25031	2.25031	0.159929	0.528182	-1.89329
cg16764408	LTV1	0.0405038	0.0312701	0.667533	-1.49805	0.266685	0.831024	-1.20333	0.124544	0.766451	-1.30471	0.639468	0.927314	-1.07838	0.682979	0.936434	-1.06788
cg23493127	LTV1	0.0445474	0.588582	0.887877	-1.12628	0.701811	0.919638	-1.08738	0.877502	0.966968	-1.03416	0.148423	0.71351	-1.40152	0.0144524	0.51874	-1.92775
cg27408637	LTV1;LTV1	0.0346867	0.00109248	0.183088	-5.46187	0.744381	1.09073	1.09073	0.259271	0.725733	-1.37792	0.475813	0.823525	-1.21429	0.219395	0.702089	-1.42432
cg13736404	LUC7L2	9.89E-06	3.02E-05	0.300541	-3.32733	0.00653592	0.594208	-1.68291	0.0688244	1.34985	1.34985	1.12E-05	0.252791	-3.95584	?	?	?
cg17220002	LUC7L2	0.000455916	0.00238096	0.611722	-1.63473	0.0161572	1.40703	1.40703	0.112858	1.22172	1.22172	0.776622	1.03356	1.03356	0.747929	0.963275	-1.03812
cg16994128	LUC7L2	0.00111256	0.000788463	1.9856	1.9856	0.750538	0.957794	-1.04407	0.890365	0.981527	-1.01882	0.0743704	0.764311	-1.30837	0.000201013	0.430198	-2.32451
cg22529720	LUC7L2	0.00201171	0.207251	0.870272	-1.14907	0.00764594	1.4308	1.4308	0.132559	1.18479	1.18479	0.000725479	1.71091	1.71091	0.105546	0.831322	-1.2029
cg03102034	LUC7L2	0.00519317	0.388716	0.85936	-1.16366	0.0300861	0.645524	-1.54913	0.00102054	0.433594	-2.30631	0.114036	0.744554	-1.34309	0.522096	0.894654	-1.11775
cg02278766	LUC7L2	0.00734995	0.75886	0.940555	-1.0632	0.0160468	0.556221	-1.79785	0.965253	1.00871	1.00871	0.828988	1.044	1.044	0.0319306	1.64931	1.64931
cg23387468	LUC7L2	0.00991261	0.0617447	0.576991	-1.73313	0.667652	1.11952	1.11952	0.443063	1.2268	1.2268	0.196255	1.42927	1.42927	0.0021122	0.323108	-3.09494
cg07862535	LUC7L2	0.0229216	0.0196497	2.32571	2.32571	0.00867867	2.72292	2.72292	?	?	?	0.328287	1.35278	1.35278	0.00467153	3.08419	3.08419
cg06063590	LUC7L2	0.0239489	0.688165	0.916744	-1.09082	0.00992902	0.495738	-2.0172	0.043179	0.605812	-1.65068	0.000968964	0.347122	-2.88083	0.485418	0.858359	-1.16501
cg10550160	LUC7L2;LUC7L2	0.00547582	0.793653	0.970645	-1.03024	0.274057	0.878659	-1.1381	0.00357639	0.638578	-1.56598	0.312745	0.888093	-1.12601	0.219346	1.15813	1.15813
cg04604142	LUC7L3;LUC7L3	8.38E-06	0.0032124	0.359176	-2.78415	1.91E-06	0.049469	-20.2147	8.35E-05	0.16485	-6.06612	0.524909	0.848704	-1.17827	3.88E-05	0.134387	-7.44118
cg07871456	LUC7L3;LUC7L3	0.000319888	0.062119	0.566538	-1.76511	0.00865804	0.404369	-2.47299	0.214189	0.702006	-1.42449	0.00867121	0.404478	-2.47232	0.00024416	0.193896	-5.1574
cg07200199	LUC7L3;LUC7L3	0.000888691	0.00968755	0.50893	-1.96491	0.00657283	2.07183	2.07183	0.842686	0.959823	-1.04186	0.127522	1.40505	1.40505	0.00040187	0.312991	-3.19498
cg14426510	LUC7L3;LUC7L3	0.00765318	0.0068305	0.286173	-3.49439	0.00133332	0.189058	-5.28938	0.0283975	0.397017	-2.51879	0.0491724	0.44853	-2.22951	0.00727485	0.290501	-3.44233
cg07781003	LUC7L3;LUC7L3	0.0181087	0.737673	0.968654	-1.03236	0.454942	1.07477	1.07477	0.0121547	1.34461	1.34461	0.026004	0.778547	-1.28444	0.0939635	0.839899	-1.19062
cg07000245	LUC7L3;LUC7L3;LUC7L3;LUC7L3	0.00975454	0.368861	1.45628	1.45628	0.0170249	0.305765	-3.27049	0.865357	1.07156	1.07156	0.451464	1.36677	1.36677	?	?	?
cg04958271	LUC7L;LUC7L	2.14E-05	5.90E-06	0.203082	-4.92413	0.00109082	0.47003	-2.12752	0.651675	1.07379	1.07379	0.0469487	0.700265	-1.42803	1.36E-06	0.14451	-6.91993
cg02933542	LUC7L;LUC7L	9.47E-05	0.00217266	1.43431	1.43431	8.07E-05	0.550763	-1.81566	0.0145252	0.776903	-1.28716	0.0191783	1.26821	1.26821	1.28E-05	0.463366	-2.15812
cg06348427	LUC7L;LUC7L	0.00112658	0.130274	1.28709	1.28709	0.000162285	0.37005	-2.70234	0.0142507	0.626956	-1.59501	0.388541	0.872422	-1.14623	0.872884	1.02504	1.02504
cg08685832	LUC7L;LUC7L	0.00399221	0.330881	0.826628	-1.20973	0.683959	1.08076	1.08076	0.161885	0.753181	-1.3277	0.41986	0.855209	-1.1693	0.000315429	0.3303	-3.02755
cg06819375	LUC7L;LUC7L	0.00434611	0.456374	1.23701	1.23701	0.129701	1.58249	1.58249	0.0656585	0.560337	-1.78464	0.939106	1.02165	1.02165	0.00314566	0.322462	-3.10114
cg27362010	LUC7L;LUC7L	0.00902768	0.0145837	0.276296	-3.61931	0.857602	0.926078	-1.07982	0.204036	0.563739	-1.77387	0.0739385	0.426715	-2.34348	0.00147017	0.140429	-7.12104
cg26697334	LUC7L;LUC7L	0.0207504	0.303703	1.45363	1.45363	0.36996	1.38168	1.38168	0.697974	1.14675	1.14675	0.0487938	2.20372	2.20372	0.00290626	0.237628	-4.20826
cg01687051	LUC7L;LUC7L	0.0317049	0.592291	1.16814	1.16814	0.533904	0.834332	-1.19856	0.321665	1.34225	1.34225	0.685358	0.889493	-1.12424	0.0970346	1.68812	1.68812
cg25298596	LUM	2.30E-05	9.41E-06	0.315663	-3.16793	0.00093208	0.551	-1.81488	1.43E-05	0.336368	-2.97293	0.222391	1.16728	1.16728	2.81E-05	0.370155	-2.70157
cg27640763	LUM	0.00503116	0.973811	1.00923	1.00923	0.00244021	0.30721	-3.2551	0.146753	0.64674	-1.54622	0.0346574	1.99205	1.99205	0.492616	0.822833	-1.21531
cg10946871	LUZP1;LUZP1	1.31E-06	2.82E-05	0.209627	-4.77037	7.91E-06	0.15631	-6.39754	0.00825081	0.526871	-1.898	8.27E-06	0.15804	-6.32753	3.38E-06	0.125217	-7.98614
cg26567943	LUZP1;LUZP1	0.000657906	0.012319	0.642621	-1.55613	0.807364	1.03527	1.03527	0.000594171	2.12178	2.12178	0.0251207	0.685268	-1.45928	0.0844998	0.762816	-1.31093
cg11333835	LUZP1;LUZP1	0.000918719	0.366604	0.784062	-1.27541	0.00178765	0.311668	-3.20854	0.292605	0.750989	-1.33158	7.14E-05	0.149777	-6.6766	0.00817579	0.411619	-2.42943
cg01435109	LUZP1;LUZP1	0.00143099	0.0130519	0.549758	-1.81898	0.00134709	0.404635	-2.47136	0.026956	0.601129	-1.66354	0.00382378	0.468797	-2.13312	0.00420857	0.474894	-2.10574
cg17520080	LUZP1;LUZP1	0.00248544	0.0687843	1.9885	1.9885	0.0344989	2.31112	2.31112	0.0152389	2.77667	2.77667	?	?	?	?	?	?
cg11825603	LUZP1;LUZP1	0.00325196	0.0394784	0.471931	-2.11895	0.00837762	2.89203	2.89203	0.338038	1.3653	1.3653	0.278256	1.42683	1.42683	0.00359167	0.288464	-3.46664
cg12483005	LUZP1;LUZP1	0.00470507	0.0339487	0.367525	-2.7209	0.00157102	0.159441	-6.2719	0.0243833	0.338036	-2.95827	0.536333	0.776332	-1.28811	0.00228489	0.178261	-5.60977
cg02061007	LUZP1;LUZP1	0.00484999	0.11861	1.84083	1.84083	0.00928915	0.30459	-3.2831	0.000799551	0.161467	-6.1932	0.320431	1.44742	1.44742	0.00994902	0.309558	-3.23041
cg13499468	LUZP1;LUZP1	0.00680545	0.0177511	1.23693	1.23693	0.917543	1.00767	1.00767	0.0168926	1.23981	1.23981	0.036907	1.19574	1.19574	0.0251481	0.82166	-1.21705
cg26051750	LUZP1;LUZP1	0.00981821	0.0346618	0.3247	-3.07977	0.10257	2.26121	2.26121	0.669381	0.821855	-1.21676	0.0896139	0.42539	-2.35078	0.00218928	0.140532	-7.11583
cg17753666	LUZP1;LUZP1	0.0152642	0.25911	0.82677	-1.20953	0.606881	1.08747	1.08747	0.30395	1.18771	1.18771	0.111096	0.755441	-1.32373	0.659342	0.930831	-1.07431
cg01924644	LUZP2	0.000371087	0.2551	0.842068	-1.18755	3.83E-05	0.319082	-3.13399	0.00164729	0.521079	-1.9191	0.192645	0.819156	-1.22077	0.00180553	0.526238	-1.90028
cg08227141	LUZP2	0.00348525	0.00168498	0.554229	-1.80431	0.499689	1.09426	1.09426	0.989447	0.998263	-1.00174	0.00255516	0.576858	-1.73353	0.00628524	0.62625	-1.59681
cg08068240	LUZP2	0.0114175	0.974184	1.00351	1.00351	0.0072421	1.45551	1.45551	0.00150908	1.64086	1.64086	0.794987	0.972185	-1.02861	0.988775	0.998477	-1.00153
cg11015348	LUZP2	0.0160148	0.327469	0.843658	-1.18531	0.0189596	0.620123	-1.61258	0.42948	0.873153	-1.14527	0.0780737	0.719455	-1.38994	0.507216	1.11981	1.11981
cg12954779	LUZP2	0.0264744	0.237195	0.669752	-1.49309	0.0256563	0.424014	-2.35841	0.0665915	0.51385	-1.94609	0.512197	1.24007	1.24007	0.00534769	0.30496	-3.27912
cg24473393	LUZP2	0.0357858	0.494676	1.14549	1.14549	0.226932	0.779983	-1.28208	0.0426225	1.57966	1.57966	0.0899676	1.44206	1.44206	0.159722	1.34216	1.34216
cg05788927	LUZP2	0.0387312	0.121165	1.32817	1.32817	0.137196	0.763113	-1.31042	0.0124459	0.591428	-1.69082	0.598459	0.914167	-1.09389	0.185099	0.788726	-1.26787
cg13083436	LUZP2	0.0389267	0.951704	0.988809	-1.01132	0.0857443	0.702673	-1.42314	0.730392	1.06639	1.06639	0.0058966	1.95308	1.95308	0.175187	0.764988	-1.30721
cg06931933	LUZP2;LUZP2	0.00145399	0.105183	1.11947	1.11947	0.417392	0.948542	-1.05425	0.224116	0.921818	-1.08481	0.73444	0.978529	-1.02194	0.00526864	1.2643	1.2643
cg08693325	LUZP4	0.00540817	0.887829	1.06914	1.06914	0.121761	0.451777	-2.21348	0.257363	0.571256	-1.75053	0.41685	0.675	-1.48148	0.00252962	0.137301	-7.28325
cg01072750	LUZP4	0.0315092	0.355434	1.33965	1.33965	0.821507	0.932851	-1.07198	0.0116258	0.378986	-2.63862	0.832582	0.936958	-1.06728	0.0906745	0.563619	-1.77425
cg22125214	LUZP6;MTPN	0.0090738	0.00023927	0.0903746	-11.0651	0.716402	1.15512	1.15512	0.597342	0.810015	-1.23455	0.0155407	0.309446	-3.23158	0.787089	0.89852	-1.11294
cg02393640	LUZP6;MTPN	0.00947024	0.000575321	0.0984643	-10.156	0.373628	0.672127	-1.48781	0.0429355	0.362961	-2.75512	0.132832	0.493871	-2.02482	0.0491321	0.376423	-2.65659
cg11003530	LVRN	0.000489155	0.0605045	1.33308	1.33308	0.00933353	0.638996	-1.56495	0.0974427	0.781122	-1.28021	0.0947639	1.28327	1.28327	0.00116407	1.91114	1.91114
cg11021940	LVRN	0.00927063	0.0743994	2.70282	2.70282	0.00996242	5.09329	5.09329	0.037717	3.33857	3.33857	0.379745	1.56941	1.56941	0.0150645	4.45621	4.45621
cg23915769	LVRN	0.0107636	0.690489	1.36245	1.36245	0.0018911	30.0449	30.0449	0.0304557	7.13735	7.13735	0.0904447	4.22739	4.22739	0.729213	1.30805	1.30805
cg15191197	LVRN	0.0119876	0.0145566	0.229476	-4.35775	0.0364549	0.304461	-3.28449	0.0661794	0.364954	-2.74007	0.0203733	0.254766	-3.92516	0.0107966	0.208825	-4.78869
cg20546296	LVRN	0.0122269	0.416059	0.708422	-1.41159	0.77239	0.886676	-1.12781	0.210876	0.578857	-1.72754	0.0333918	0.356667	-2.80374	0.193639	0.5653	-1.76897
cg20403557	LVRN	0.0142639	0.0176715	16.1773	16.1773	0.00987423	23.22	23.22	0.0407593	9.76055	9.76055	0.0675689	7.20947	7.20947	0.0156184	17.4521	17.4521
cg09868780	LVRN	0.0156935	0.0272678	9.74975	9.74975	0.0215047	11.1029	11.1029	0.0914253	5.0545	5.0545	0.0813792	5.38659	5.38659	0.0135468	14.3458	14.3458
cg06644553	LVRN	0.0178962	0.0226969	6.63937	6.63937	0.0124686	8.65112	8.65112	0.0452126	4.92616	4.92616	0.371867	1.8895	1.8895	0.737713	0.791948	-1.26271
cg15489294	LVRN	0.0188289	0.341707	2.08957	2.08957	0.0051115	16.1663	16.1663	0.042797	5.77732	5.77732	0.694964	1.34507	1.34507	0.545635	0.631244	-1.58417
cg21137557	LVRN	0.0256207	0.00860688	0.191576	-5.21985	0.732186	0.844155	-1.18462	0.116036	0.430665	-2.32199	0.011541	0.210564	-4.74914	0.0123114	0.21495	-4.65225
cg10199250	LVRN	0.0273299	0.0307893	7.33544	7.33544	0.00742348	15.0153	15.0153	0.0509826	5.73367	5.73367	0.156093	3.29375	3.29375	0.961787	1.03836	1.03836
cg22706992	LVRN	0.0287612	0.0105122	0.191313	-5.22705	0.00835258	0.177058	-5.64788	0.0187618	0.231573	-4.31829	0.517412	0.713811	-1.40093	0.0178825	0.227981	-4.38634
cg11926012	LVRN	0.0335157	0.927732	1.02382	1.02382	0.0607434	0.577807	-1.73068	0.9968	0.99896	-1.00104	0.00915994	2.36003	2.36003	0.597993	1.14804	1.14804
cg06410191	LVRN	0.0356827	0.0252164	8.19648	8.19648	0.00994391	13.1118	13.1118	0.0861251	4.4767	4.4767	0.134146	3.58527	3.58527	0.043147	6.29031	6.29031
cg16620526	LVRN	0.0425582	0.0342816	12.6682	12.6682	0.0240685	15.9016	15.9016	0.359117	2.63653	2.63653	0.148561	4.91892	4.91892	0.768535	0.738294	-1.35447
cg19108435	LVRN	0.0440408	0.679403	1.11039	1.11039	0.00230786	0.342029	-2.92373	0.0599078	0.585751	-1.70721	0.948685	1.01635	1.01635	0.588903	1.14737	1.14737
cg22489785	LVRN;LVRN	0.00287705	0.76201	1.10818	1.10818	0.000395198	6.74111	6.74111	0.74146	1.11847	1.11847	0.837896	1.07173	1.07173	0.368129	1.36699	1.36699
cg08263647	LXN;GFM1	0.00474214	0.419378	1.27693	1.27693	0.00130998	3.99935	3.99935	0.00088337	4.37778	4.37778	0.732732	1.1069	1.1069	0.836721	0.940689	-1.06305
cg17977250	LXN;GFM1	0.00586495	0.469796	1.34374	1.34374	0.000866284	7.4519	7.4519	0.00672659	4.10393	4.10393	0.873589	1.06606	1.06606	0.0288478	2.81652	2.81652
cg27533704	LXN;GFM1	0.0134203	0.0685156	1.91853	1.91853	0.00238824	3.86733	3.86733	0.00419157	3.40614	3.40614	0.592357	1.18849	1.18849	0.176528	1.58259	1.58259
cg17481912	LXN;GFM1	0.0152812	0.310108	1.54509	1.54509	0.00721498	4.20539	4.20539	0.00245223	5.72992	5.72992	0.678363	0.841347	-1.18857	0.262	1.62339	1.62339
cg22210627	LXN;GFM1	0.0194296	0.115656	2.02678	2.02678	0.00539249	4.54117	4.54117	0.0166497	3.34577	3.34577	0.851691	1.08038	1.08038	0.0123121	3.62414	3.62414
cg04911005	LXN;GFM1	0.0274075	0.0744486	3.01171	3.01171	0.00364713	8.85954	8.85954	0.00715035	6.86767	6.86767	0.431912	1.56042	1.56042	0.0839795	2.88845	2.88845
cg08538682	LXN;LXN;GFM1	0.0138386	0.0659897	3.77656	3.77656	0.00490434	11.0408	11.0408	0.0323365	5.02518	5.02518	0.51828	1.52489	1.52489	0.0646621	3.80747	3.80747
cg07654934	LXN;LXN;GFM1	0.0196395	0.128966	2.65837	2.65837	0.00846505	7.41297	7.41297	0.0397336	4.12475	4.12475	0.667514	1.29373	1.29373	0.10864	2.83727	2.83727
cg25727025	LXN;LXN;GFM1	0.0248789	0.0626997	2.78014	2.78014	0.0107779	4.77727	4.77727	0.0731037	2.65333	2.65333	0.423389	1.49061	1.49061	0.0532174	2.92194	2.92194
cg23436058	LY6D	0.00276599	0.156735	1.16276	1.16276	0.0141142	1.35199	1.35199	0.182275	0.868548	-1.15135	0.000309478	0.558343	-1.79102	0.321042	0.902965	-1.10746
cg02679028	LY6D	0.00590244	0.0211364	0.438811	-2.27888	0.000413187	0.189154	-5.2867	0.00915432	0.374041	-2.6735	0.0484289	0.511752	-1.95407	0.0394512	0.492752	-2.02942
cg14585892	LY6D	0.00867535	0.553867	0.918376	-1.08888	0.560131	1.08739	1.08739	0.000373525	0.445202	-2.24617	0.156172	0.805966	-1.24075	0.996766	0.999424	-1.00058
[illegible]	LY6D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	LY6D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20100987	LY6E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03687734	LY6E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09658907	LY6E;LOC100133669;LY6E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	LY6E;LOC100133669;LY6E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06259052	LY6E;LOC100133669;LY6E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05638689	0.212741	2.52551	2.52551	0.235238	2.40661	2.40661	0.00387342	15.5878	15.5878	0.0437626	5.1358	5.1358	3.77189	29.771	7.01588	1
cg14749448	0.355094	1.16903	1.16903	0.000774591	2.30537	2.30537	0.0729245	1.38874	1.38874	0.205223	1.24536	1.24536	3.76117	1.60545	0.379421	1
cg07408779	0.146283	1.75372	1.75372	0.00426804	3.96364	3.96364	0.0455465	2.28403	2.28403	0.195599	1.63725	1.63725	3.52123	7.23578	1.82658	1
cg16853102	0.0287433	1.9453	1.9453	0.116041	0.643639	-1.55367	0.869169	0.958367	-1.04344	0.926914	0.976611	-1.02395	3.50638	3.69541	0.936809	1
cg16637556	0.0188429	0.703457	-1.42155	0.000361237	0.493045	-2.02821	0.00460702	1.5939	1.5939	0.0588999	0.768164	-1.30181	9.27372	2.24507	0.215191	1
cg21944491	0.00335093	2.73538	2.73538	3.86E-06	15.0785	15.0785	2.97E-05	0.127274	-7.85707	0.217929	0.72129	-1.38641	56.1493	56.5096	0.894593	1
cg19098465	0.101719	1.43108	1.43108	0.00171204	2.44902	2.44902	0.000607544	2.87802	2.87802	0.00119993	2.58404	2.58404	21.8947	13.879	0.563465	1
cg24872571	0.326987	1.17834	1.17834	0.784301	1.0455	1.0455	0.000875748	2.24629	2.24629	0.00531502	1.81422	1.81422	21.2901	8.86782	0.370243	1
cg06732228	0.00623794	2.89861	2.89861	3.10E-05	11.3288	11.3288	0.0666669	0.541247	-1.84759	0.561183	1.19173	1.19173	15.1842	21.4336	1.25473	1
cg26441372	0.691602	1.0692	1.0692	0.062718	1.4211	1.4211	0.00348328	0.51412	-1.94507	0.917505	1.01754	1.01754	13.2213	5.8965	0.396431	1
cg15794640	0.25485	0.735338	-1.35992	0.000269465	0.213266	-4.68897	0.881009	0.962007	-1.03949	0.45871	0.822749	-1.21544	12.5931	13.3366	0.941369	1
cg15768901	0.150865	1.8481	1.8481	0.00517556	4.36012	4.36012	0.793357	1.11041	1.11041	0.166437	0.555101	-1.80147	12.503	31.5144	2.24049	1
cg18820595	0.00647849	2.61788	2.61788	0.15255	0.659259	-1.51685	0.0658486	0.570526	-1.75277	0.00134298	3.54987	3.54987	12.4151	14.5371	1.04082	1
cg26504110	0.023282	6.0244	6.0244	0.000497404	36.9179	36.9179	0.00152259	20.554	20.554	0.00412748	12.7738	12.7738	12.3725	85.9464	6.17474	1
cg13593448	0.0204648	2.2179	2.2179	0.847857	1.05631	1.05631	0.044122	0.517046	-1.93406	9.78E-05	7.20411	7.20411	11.0819	14.2775	1.14522	1
cg21417630	0.00108834	0.249181	-4.01315	0.000256136	0.176305	-5.67198	0.21352	0.68551	-1.45877	0.316013	0.741679	-1.34829	10.4561	13.7609	1.16984	1
cg00853445	0.654739	0.79077	-1.26459	0.385416	1.59056	1.59056	0.346031	0.602833	-1.65883	0.785925	0.867634	-1.15256	9.31268	40.1174	3.82918	1
cg18489603	0.112201	0.58874	-1.69854	0.00193547	0.260894	-3.83298	0.473471	1.25023	1.25023	0.439332	0.785369	-1.27329	9.22672	13.7117	1.32096	1
cg07808231	0.00170696	15.3395	15.3395	0.900443	0.926546	-1.07928	0.593671	1.38855	1.38855	0.000398042	31.0604	31.0604	8.96788	52.7751	5.23103	1
cg11621464	0.0830426	2.78595	2.78595	0.00620662	6.71917	6.71917	0.467223	1.48431	1.48431	0.211223	0.494991	-2.02024	8.60415	38.8409	4.01263	1
cg25233685	0.763756	0.872038	-1.14674	0.0591413	2.63242	2.63242	0.133017	0.478906	-2.08809	0.0150939	3.88256	3.88256	8.35546	27.3059	2.90492	1
cg10330839	0.644124	0.800321	-1.2495	0.00669246	5.38909	5.38909	0.0230457	0.272123	-3.6748	0.0574565	2.79801	2.79801	7.89972	28.6876	3.22798	1
cg22455795	0.0734519	0.752392	-1.3291	0.337432	1.15139	1.15139	0.00589891	1.67114	1.67114	0.252119	0.843218	-1.18593	7.87441	2.53406	0.286053	1
cg12205193	0.393493	1.08432	1.08432	0.0422739	1.24192	1.24192	0.931261	0.992042	-1.00802	0.0117387	1.3385	1.3385	6.7786	0.920881	0.120757	1
cg23088184	0.807236	1.13942	1.13942	0.00198343	10.3031	10.3031	0.122451	0.40914	-2.44415	0.0314714	3.84611	3.84611	6.5263	29.4668	4.0134	1
cg01564640	0.0230214	3.94126	3.94126	0.0237208	3.90403	3.90403	0.100484	2.47862	2.47862	0.244351	1.84858	1.84858	6.45813	26.0304	3.58279	1
cg27645259	0.544948	1.57265	1.57265	0.000648404	47.7335	47.7335	0.685353	1.35124	1.35124	0.355572	2.01834	2.01834	4.91009	42.4693	7.68834	1
cg19612309	0.216363	2.44135	2.44135	0.916529	1.07458	1.07458	0.156406	0.353407	-2.82959	0.207265	2.49035	2.49035	4.19581	31.2794	6.62659	1
cg18834361	0.0192339	1.51825	1.51825	0.00262732	1.84784	1.84784	0.688179	1.06129	1.06129	0.369204	1.14565	1.14565	3.98831	1.37312	0.306032	1
cg10253929	0.217069	0.345104	-2.89768	0.394994	0.489851	-2.04144	0.511327	0.579435	-1.72582	0.471963	0.549165	-1.82095	3.9448	41.9261	9.4473	1
cg03309253	0.106069	4.00937	4.00937	0.00596123	16.9199	16.9199	0.0733251	0.207835	-4.81151	0.850981	1.15946	1.15946	3.91523	38.3784	8.71319	1
cg22046408	0.187875	0.340534	-2.93657	0.549698	0.626739	-1.59556	0.310747	0.44504	-2.24699	0.420732	0.52996	-1.88693	3.78287	35.6993	8.38854	1
cg00475131	0.180394	0.504626	-1.98167	0.166494	0.491985	-2.03258	0.564582	0.755783	-1.32313	0.252403	0.562798	-1.77684	3.53688	12.95	3.25459	1
cg19872335	0.592412	0.77988	-1.28225	0.00433751	0.173108	-5.77673	0.934467	0.962872	-1.03856	0.0579238	0.372975	-2.68114	3.5073	11.7573	2.97977	1
cg24621362	0.232589	1.43537	1.43537	0.139107	1.58352	1.58352	0.0255923	0.46498	-2.15063	0.2618	0.713298	-1.40194	5.12797	6.77042	1.17359	1
cg14864994	0.895242	0.968274	-1.03277	0.389665	1.24077	1.24077	0.0936521	1.57019	1.57019	0.641181	1.12172	1.12172	3.71333	3.52225	0.843149	1
cg23123163	0.109771	1.40758	1.40758	0.310437	1.22852	1.22852	0.00041342	0.333194	-3.00125	0.0715007	0.673896	-1.48391	5.25807	3.2024	0.541373	1
cg19759135	0.0346802	0.200233	-4.99418	0.00505814	0.084341	-11.8566	0.0217867	0.164152	-6.09193	0.0668065	0.263525	-3.79471	6.58884	41.5102	4.90006	1
cg14939553	0.405243	0.730541	-1.36885	2.28E-05	0.043872	-22.7936	0.0107326	0.306636	-3.26119	0.00028021	0.111865	-8.93934	17.1571	36.9396	1.91379	1
cg02615711	0.00213839	0.331294	-3.01847	0.00128324	0.300524	-3.32752	0.605235	0.874987	-1.14287	0.781762	0.931345	-1.07372	9.703	10.0806	0.923479	1
cg13672136	0.338542	0.660071	-1.51499	0.0020166	0.15972	-6.26095	0.191146	0.558334	-1.79104	0.0381004	0.363409	-2.75172	4.29945	12.0735	2.49613	1
cg21867850	0.0280368	0.388807	-2.57197	0.00988267	0.305234	-3.27617	0.0677231	0.474751	-2.10637	0.00922174	0.30024	-3.33067	8.62498	18.1015	1.86554	1
cg07621749	0.72871	1.086	1.086	0.00153113	0.339405	-2.94633	0.00851407	0.45132	-2.21572	0.0118088	0.474751	-2.10637	7.37517	6.55765	0.790358	1
cg22713900	0.0569606	3.71748	3.71748	0.0006294	24.6122	24.6122	0.00639266	8.69612	8.69612	0.0175586	5.82121	5.82121	5.75107	33.8427	5.23074	1
cg21791017	0.0331006	6.69768	6.69768	0.00105671	40.3257	40.3257	0.00645776	14.9287	14.9287	0.0457907	5.7416	5.7416	5.35861	49.4486	8.20257	1
cg27494383	0.0334223	1.93732	1.93732	0.0145722	0.445933	-2.24249	0.171675	0.682906	-1.46433	0.178218	0.687407	-1.45474	4.90449	3.98543	0.812609	1
cg13163521	0.030941	5.59997	5.59997	0.0519692	4.49744	4.49744	0.00578408	11.6887	11.6887	0.0265272	5.97854	5.97854	4.12325	30.1951	6.50945	1
cg25298161	0.510449	0.696683	-1.43537	0.021577	0.22448	-4.45474	0.0288985	0.2479	-4.03388	0.0518844	0.30191	-3.31225	3.91744	18.1858	4.12646	1
cg00360794	0.0901169	5.39533	5.39533	0.0107462	18.0363	18.0363	0.0136991	15.6552	15.6552	0.028395	10.3254	10.3254	3.50294	45.1765	11.4638	1
cg03257179	0.409545	1.27142	1.27142	0.0565365	0.540842	-1.84897	0.0954017	0.59357	-1.68472	0.160273	0.652393	-1.53282	3.41652	4.38626	1.14119	1
cg19696329	0.870812	0.989279	-1.01084	9.83E-07	0.426221	-2.3462	0.215368	0.917263	-1.0902	0.21581	0.917347	-1.0901	21.808	1.51479	0.0617427	1
cg05215536	0.00378556	0.284588	-3.51385	0.00252396	0.259498	-3.85359	0.510057	1.23982	1.23982	0.427195	0.770437	-1.29797	4.99854	8.1929	1.45694	1
cg13292487	0.0151546	0.281288	-3.55508	0.00422913	0.196322	-5.09367	0.159852	1.89354	1.89354	0.390371	0.687869	-1.45376	4.34103	12.4247	2.54414	1
cg16764408	0.0456485	1.44272	1.44272	0.00465858	0.547784	-1.82554	0.541838	0.90595	-1.10381	0.502309	1.11505	1.11505	3.66618	1.48541	0.360148	1
cg23493127	0.338732	0.806748	-1.23954	0.00768616	2.10839	2.10839	0.295425	0.789558	-1.26653	0.228314	1.317	1.317	3.53889	2.65792	0.66761	1
cg27408637	0.439341	1.23567	1.23567	0.804811	0.936446	-1.06787	0.786377	0.930475	-1.07472	0.658577	0.888455	-1.12555	5.7144	5.82627	0.566432	1
cg13736404	0.000729366	0.469264	-2.131	6.12E-05	2.97366	2.97366	0.00257414	1.85088	1.85088	0.000339868	0.427267	-2.34046	41.7677	12.7607	0.305515	1
cg17220002	0.188698	1.17539	1.17539	2.86E-05	0.385159	-2.59633	0.0782186	0.796888	-1.25488	0.011629	1.44194	1.44194	14.6607	3.12653	0.189564	1
cg16994128	0.0250521	0.697417	-1.43386	0.0185771	1.47087	1.47087	0.0588106	0.749356	-1.33448	0.963878	1.00614	1.00614	11.4153	3.30448	0.257314	1
cg22529720	0.0107056	0.715244	-1.39812	0.0139768	0.728232	-1.37319	0.749049	0.967024	-1.0341	0.0164416	1.35837	1.35837	9.62551	1.664	0.153666	1
cg03102034	0.60693	1.09312	1.09312	0.00208627	2.1026	2.1026	0.238451	0.809084	-1.23597	0.0486289	0.679466	-1.47174	7.25407	3.38216	0.414439	1
cg02278766	0.412717	1.18138	1.18138	0.0354717	1.62794	1.62794	0.000391521	3.07932	3.07932	0.571225	1.12063	1.12063	6.51509	4.08775	0.557713	1
cg23387468	0.241817	0.725995	-1.37742	0.0491116	0.555938	-1.79876	0.0626779	1.72891	1.72891	0.00627561	0.394285	-2.53624	5.92723	6.41318	0.961765	1
cg07862535	0.82906	1.06689	1.06689	0.359394	1.32604	1.32604	0.175172	0.64936	-1.53998	0.155448	1.57647	1.57647	4.56976	5.76899	1.26243	1
cg06063590	0.801212	0.947094	-1.05586	0.979924	1.00544	1.00544	0.964236	0.990386	-1.00971	0.709546	1.08395	1.08395	4.42266	3.25165	0.653533	1
cg10550160	0.00197	1.6439	1.6439	0.238175	0.868987	-1.15077	0.0110326	0.696033	-1.43671	0.0643265	1.26647	1.26647	7.1372	1.46021	0.18186	1
cg04604142	0.812824	1.06226	1.06226	4.31E-06	0.0671186	-14.899	2.43E-05	0.117594	-8.50387	5.32E-05	0.146524	-6.82482	42.4655	43.6002	0.91264	1
cg07871456	0.0362278	0.517448	-1.93256	3.01E-05	0.109885	-9.10046	0.000161956	0.175171	-5.7087	0.000910568	0.261375	-3.82591	16.1634	18.7376	1.03045	1
cg07200199	0.190536	0.751207	-1.33119	0.000175162	0.268811	-3.72008	0.751535	1.06775	1.06775	0.578053	0.89051	-1.12295	12.1661	8.20647	0.599588	1
cg14426510	0.0724987	0.488912	-2.04536	0.00462722	0.260455	-3.83944	0.0143578	0.340369	-2.93799	0.0238483	0.381807	-2.61913	6.4331	12.9905	1.79496	1
cg07781003	0.109236	0.847502	-1.17994	0.0714536	0.826364	-1.21012	0.349012	0.912707	-1.09564	0.0165497	1.31963	1.31963	4.86526	0.691641	0.126364	1
cg07000245	0.156176	1.85491	1.85491	0.0843989	2.17597	2.17597	0.00207397	0.171045	-5.84641	0.0207523	0.321789	-3.10763	6.07728	14.1912	2.33513	1
cg04958271	0.000294963	0.397043	-2.51862	0.525159	0.904041	-1.10614	0.162054	1.26352	1.26352	0.0839066	0.741071	-1.3494	33.2695	12.9337	0.34556	1
cg02933542	0.0106865	0.764106	-1.30872	0.0443639	0.823967	-1.21364	0.0372311	0.816477	-1.22477	0.0167739	0.782912	-1.27728	22.4646	2.50118	0.0989676	1
cg06348427	0.207101	1.22811	1.22811	0.000448138	2.35144	2.35144	0.840634	1.03158	1.03158	0.610223	0.923672	-1.08264	11.3747	4.29692	0.335788	1
cg08685832	0.0113956	0.548234	-1.82404	0.602924	0.9052	-1.10473	0.271791	0.80485	-1.24247	0.000467865	0.352117	-2.83996	7.85711	4.48169	0.507022	1
cg06819375	0.00545557	0.35883	-2.78683	0.000976403	0.25277	-3.95617	0.181186	1.48889	1.48889	0.453878	1.23852	1.23852	7.65807	9.53545	1.1068	1
cg27362010	0.466417	0.728397	-1.37288	0.000740425	0.111818	-8.94307	0.0731646	0.425519	-2.35007	0.0615751	0.406419	-2.46052	6.10642	17.682	2.57391	1
cg26697334	0.843105	0.932782	-1.07206	0.00860082	0.3083	-3.24359	0.511249	1.26359	1.26359	0.783667	0.907887	-1.10146	4.64595	9.07258	1.73582	1
cg01687051	0.000936656	0.241844	-4.13489	0.935761	1.02345	1.02345	0.43166	1.25952	1.25952	0.578295	1.1752	1.1752	4.00713	5.24542	1.16357	1
cg25298596	0.22826	0.858525	-1.16479	3.59E-05	0.382463	-2.61463	0.157632	1.19992	1.19992	0.022459	0.719062	-1.3907	32.6735	7.5291	0.20483	1
cg27640763	0.00554537	0.360685	-2.7725	0.498993	0.825266	-1.21173	0.00320448	3.0828	3.0828	0.928609	1.02539	1.02539	7.32469	9.08376	1.10236	1
cg10946871	0.0742937	0.685771	-1.45821	6.22E-08	0.0306969	-32.5766	0.00979368	0.538249	-1.85788	7.90E-06	0.156256	-6.39975	68.4349	38.993	0.506473	1
cg26567943	0.70913	0.948225	-1.0546	8.26E-05	0.365629	-2.73501	0.00796424	0.61715	-1.62035	0.624106	0.932325	-1.07259	13.2288	4.22064	0.283385	1
cg11333835	0.0494162	0.555375	-1.80059	0.00784332	2.447	2.447	0.713202	1.10167	1.10167	0.332921	1.29947	1.29947	12.0524	13.1304	0.968395	1
cg01435109	0.175984	0.756142	-1.3225	0.000165123	0.28725	-3.48129	0.00072136	0.368059	-2.71696	0.104583	0.708464	-1.4115	10.6225	6.34995	0.531362	1
cg17520080	0.205242	1.56336	1.56336	0.334397	0.71772	-1.3933	0.0288143	0.415822	-2.40488	0.000477279	0.140711	-7.10678	11.2095	14.8621	1.32585	1
cg11825603	0.485304	1.25051	1.25051	0.591869	0.843137	-1.18605	0.000617826	5.26752	5.26752	0.349742	0.738253	-1.35455	8.35525	13.1532	1.39933	1
cg12483005	0.0222893	0.330409	-3.02655	0.00121504	0.147381	-6.78515	0.613938	0.814105	-1.22834	0.00772326	0.250665	-3.98939	7.47582	19.3552	2.30137	1
cg02061007	0.42051	1.34505	1.34505	0.0588856	2.15644	2.15644	0.940725	1.02715	1.02715	0.269664	1.51291	1.51291	7.4071	15.2199	1.82647	1
cg13499468	0.0340209	1.20022	1.20022	0.0396292	0.839037	-1.19184	0.00445754	1.32285	1.32285	0.328373	1.07725	1.07725	6.67346	0.574984	0.0765865	1
cg26051750	0.125305	0.468704	-2.13354	0.00194681	0.135129	-7.40035	0.10535	0.445671	-2.24381	0.0388525	0.335403	-2.98149	5.94538	19.6439	2.93695	1
cg17753666	0.000407351	0.403506	-2.47828	0.152875	0.780862	-1.28064	0.168351	1.26767	1.26767	0.823319	1.03679	1.03679	5.15086	2.1297	0.367525	1
cg01924644	0.185923	1.22495	1.22495	0.000146534	0.38864	-2.57307	0.719659	1.05352	1.05352	0.0175708	0.658355	-1.51894	15.5176	5.14377	0.294649	1
cg08227141	0.0562632	0.752604	-1.32872	0.417458	1.1151	1.1151	0.0116418	1.51373	1.51373	0.080952	0.77537	-1.28971	8.18414	2.24051	0.243344	1
cg08068240	0.656208	0.952623	-1.04973	0.0335291	0.764118	-1.3087	0.127048	1.19575	1.19575	0.0438376	1.28528	1.28528	5.66402	1.05275	0.165215	1
cg11015348	0.112577	0.74788	-1.33711	0.00459502	1.88602	1.88602	0.0741692	1.39745	1.39745	0.0662109	0.707124	-1.41418	5.06943	2.27103	0.39821	1
cg12954779	0.600734	1.18641	1.18641	0.455288	1.2791	1.2791	0.916203	0.966506	-1.03466	0.00735592	0.326866	-3.05936	4.27099	7.08743	1.47505	1
cg24473393	0.961102	0.990492	-1.0096	0.00443857	0.475402	-2.10348	0.517386	0.879358	-1.13719	0.286647	1.242	1.242	3.83614	2.33102	0.54013	1
cg05788927	0.698122	0.9363	-1.06803	0.029196	1.54336	1.54336	0.0666757	1.41515	1.41515	0.79028	1.04604	1.04604	3.72703	1.68336	0.401477	1
cg13083436	0.345993	1.19761	1.19761	0.0157235	1.73328	1.73328	0.451686	1.15312	1.15312	0.231553	1.26258	1.26258	3.72015	2.03415	0.486038	1
cg06931933	7.53E-05	0.632552	-1.5809	0.25407	0.926891	-1.07888	0.057277	0.871887	-1.14694	0.0461815	1.15676	1.15676	10.5739	0.680501	0.0572057	1
cg08693325	0.0750217	0.39096	-2.55781	0.000237449	0.0559121	-17.8852	0.977405	0.986674	-1.01351	0.00790848	0.199172	-5.02079	7.16448	25.46	3.15879	1
cg01072750	0.305964	1.38549	1.38549	0.00271156	0.279683	-3.57548	0.532382	0.823216	-1.21475	0.114877	0.590142	-1.69451	4.01601	6.01844	1.3321	1
cg22125214	0.0128815	0.295069	-3.38904	0.665891	0.842223	-1.18733	0.858686	1.07298	1.07298	0.352075	0.684877	-1.46012	6.09655	15.0851	2.19944	1
cg02393640	0.0346744	0.342577	-2.91906	0.117963	0.477826	-2.09281	0.867722	0.930051	-1.07521	0.00190406	0.147571	-6.77639	6.0142	18.0262	2.66424	1
cg11003530	0.00187748	1.81999	1.81999	5.59E-05	2.76635	2.76635	0.0138482	1.5115	1.5115	0.204059	1.19968	1.19968	14.3777	4.20094	0.259719	1
cg11021940	0.021009	4.00948	4.00948	0.00187919	9.06932	9.06932	0.00192948	8.98155	8.98155	0.0386327	3.31376	3.31376	6.05512	23.9929	3.52215	1
cg23915769	0.0226717	8.23364	8.23364	0.0061803	15.7906	15.7906	0.0081518	13.6914	13.6914	0.00932172	12.7886	12.7886	5.77275	54.5922	8.40611	1
cg15191197	0.0118616	0.215152	-4.64788	0.00137962	0.103415	-9.66978	0.0926321	0.404486	-2.47227	0.0222319	0.261719	-3.82088	5.57536	21.1247	3.36795	1
cg20546296	0.00179893	0.158588	-6.30566	0.00105426	0.134082	-7.45811	0.69578	1.177	1.177	0.0469192	0.389353	-2.56836	5.5397	15.089	2.42115	1
cg20403557	0.0545218	8.19958	8.19958	0.00264938	55.2215	55.2215	0.00681465	29.4117	29.4117	0.0762056	6.70619	6.70619	5.26743	77.6225	13.0989	1
cg09868780	0.0440782	7.51189	7.51189	0.00235563	40.3934	40.3934	0.00627191	22.2902	22.2902	0.0365671	8.31192	8.31192	5.1037	61.4175	10.6968	1
cg06644553	0.0797045	3.85645	3.85645	0.00341846	15.811	15.811	0.00772895	10.748	10.748	0.0380508	5.30644	5.30644	4.88461	37.2626	6.78096	1
cg15489294	0.0505218	5.34645	5.34645	0.0135865	9.94486	9.94486	0.00355116	19.5339	19.5339	0.068728	4.62979	4.62979	4.80172	43.032	7.96603	1
cg21137557	0.0118497	0.212346	-4.70929	0.118811	0.433873	-2.30482	0.94725	0.967895	-1.03317	0.030116	0.284271	-3.51777	4.32018	16.6428	3.42431	1
cg10199250	0.0599203	5.29904	5.29904	0.0194856	9.1924	9.1924	0.00741524	15.024	15.024	0.0399971	6.45434	6.45434	4.22362	41.2831	8.68831	1
cg22706992	0.367273	0.621416	-1.60923	0.0143037	0.212073	-4.71535	0.23987	0.531437	-1.88169	0.0678412	0.349701	-2.85959	4.14834	17.3363	3.71475	1
cg11926012	0.949336	1.01666	1.01666	0.0228108	2.0276	2.0276	0.215116	1.4029	1.4029	0.0387036	0.537324	-1.86107	3.92809	4.18774	0.947647	1
cg06410191	0.172045	3.15517	3.15517	0.00730124	15.4017	15.4017	0.0242758	8.35249	8.35249	0.0759785	4.76304	4.76304	3.84016	37.9987	8.79564	1
cg16620526	0.739915	1.40849	1.40849	0.0235522	16.1259	16.1259	0.00683973	36.6568	36.6568	0.0388244	11.6974	11.6974	3.59964	60.2638	14.8814	1
cg19108435	0.303127	0.764331	-1.30833	0.163306	1.45484	1.45484	0.21186	0.749774	-1.33373	0.138398	0.669011	-1.49474	3.55404	3.57351	0.893758	1
cg22489785	0.685149	1.1478	1.1478	0.688893	0.872758	-1.14579	0.000172633	8.64797	8.64797	0.0260846	2.4421	2.4421	8.66504	15.6942	1.60996	1
cg08263647	0.0682163	1.83127	1.83127	0.00305625	3.32672	3.32672	0.00613334	2.88514	2.88514	0.220866	1.46422	1.46422	7.45799	10.3693	1.23587	1
cg17977250	0.042601	2.55479	2.55479	0.00258369	5.35528	5.35528	0.00448184	4.58414	4.58414	0.0621735	2.32477	2.32477	6.98806	17.8664	2.27263	1
cg27533704	0.0591818	1.9752	1.9752	0.0045661	3.34254	3.34254	0.0165577	2.54789	2.54789	0.145405	1.65746	1.65746	5.37393	8.68884	1.4372	1
cg17481912	0.0457752	1.94853	1.94853	0.00107346	4.35315	4.35315	0.0177936	3.29887	3.29887	0.145436	1.37013	1.37013	5.14895	13.9938	2.41582	1
cg22210627	0.0354283	2.75023	2.75023	0.00610097	4.38726	4.38726	0.0280358	2.92118	2.92118	0.319202	1.52995	1.52995	4.75098	12.8395	2.40221	1
cg04911005	0.281725	1.86003	1.86003	0.00129891	9.53403	9.53403	0.0302508	4.10928	4.10928	0.283353	1.8553	1.8553	4.21942	20.5647	4.3323	1
cg08538682	0.0610594	3.89595	3.89595	0.00190064	16.9975	16.9975	0.0056067	10.4117	10.4117	0.0638521	3.82676	3.82676	3.32012	34.9709	5.84297	1
cg07654934	0.0260972	4.8222	4.8222	0.00178393	14.1519	14.1519	0.0165566	5.72131	5.72131	0.0501584	2.86798	2.86798	4.7337	26.6249	4.99959	1
cg25727025	0.88803	0.933535	-1.0712	0.0029143	7.36691	7.36691	0.01355	4.44436	4.44436	0.0953969	2.44587	2.44587	4.36459	16.4752	3.35532	1
cg23436058	0.122503	0.846528	-1.1813	0.00265232	0.661044	-1.51276	0.425506	1.08439	1.08439	0.0923007	0.831553	-1.20257	8.7666	1.37616	0.139536	1
cg02679028	0.655681	0.875176	-1.14263	0.0830119	1.76868	1.76868	0.895018	1.04	1.04	0.831839	1.06521	1.06521	6.97495	7.94964	1.2426	1
cg14585892	0.924064	1.01365	1.01365	0.200358	1.21208	1.21208	0.990024	1.00178	1.00178	0.0109674	1.57442	1.57442	6.18395	1.98028	0.284647	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20100987	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03687734	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09658907	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06259052	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00598766	LY6E;LY6E;LOC100133669	0.0101652	0.975539	0.996645	-1.00337	0.179472	0.855301	-1.16918	0.000278191	0.521027	-1.91929	0.724469	1.03956	1.03956	0.385519	1.10244	1.10244
cg17052170	LY6E;LY6E;LOC100133669	0.0156233	0.109899	0.340867	-2.93369	0.472852	1.56978	1.56978	0.0413752	4.27599	4.27599	0.769204	1.19928	1.19928	0.0345558	0.218233	-4.58225
cg22425913	LY6E;LY6E;LOC100133669;LY6E;LY6E	0.00320343	0.00243104	0.630318	-1.5865	0.994111	0.999193	-1.00081	0.000485424	0.549852	-1.81867	0.0160698	0.72456	-1.38015	0.427513	1.09263	1.09263
cg25076980	LY6G5B	2.74E-05	0.00519088	0.606353	-1.6492	8.37E-06	0.267986	-3.73154	0.000139915	0.409888	-2.43969	0.359174	0.879977	-1.13639	4.41E-06	0.238323	-4.19598
cg23362089	LY6G5B	0.000102558	6.98E-05	0.28988	-3.4497	0.000506784	0.395913	-2.5258	0.00149843	0.458194	-2.18248	0.202954	1.25759	1.25759	1.67E-05	0.221176	-4.52128
cg06062514	LY6G5B	0.000618819	0.747269	1.07468	1.07468	0.00696496	0.459479	-2.17638	0.000613019	0.30868	-3.2396	0.00026807	0.263899	-3.78932	0.000520748	0.299586	-3.33794
cg26726370	LY6G5B;CSNK2B	0.00188515	0.85474	1.06414	1.06414	0.00668182	3.29905	3.29905	0.0485039	0.46552	-2.14814	0.417094	1.32488	1.32488	0.000138293	0.107023	-9.34375
cg11999288	LY6G5B;CSNK2B	0.0069572	0.00413478	0.428757	-2.33232	0.275802	1.28361	1.28361	0.0355765	0.583437	-1.71398	0.0858921	0.658355	-1.51894	0.444201	0.842154	-1.18743
cg03151319	LY6G5B;CSNK2B	0.0103866	0.0218548	0.384342	-2.60185	0.0251615	0.396355	-2.52299	0.0624763	0.482547	-2.07234	0.546465	1.23628	1.23628	0.00159058	0.207001	-4.83088
cg22160377	LY6G5B;CSNK2B	0.0225456	0.603451	0.902152	-1.10846	0.733125	0.934961	-1.06956	0.0750353	0.677358	-1.47632	0.371328	0.834962	-1.19766	0.155547	0.741856	-1.34797
cg14971941	LY6G5B;CSNK2B	0.0427369	0.360166	0.76113	-1.31384	0.505359	1.21664	1.21664	0.248923	0.704927	-1.41859	0.0199327	0.442575	-2.2595	0.00517449	0.342674	-2.91822
cg02683578	LY6G5C	2.38E-05	0.000245172	0.388546	-2.57369	0.00015687	2.74324	2.74324	0.616928	1.08185	1.08185	9.97E-06	4.39204	4.39204	0.0451895	0.698738	-1.43115
cg17187990	LY6G5C	4.39E-05	0.00466127	0.706273	-1.41588	0.000105346	0.53095	-1.88342	4.39E-05	0.48867	-2.04637	0.704709	1.03582	1.03582	0.631603	0.956334	-1.04566
cg06667222	LY6G5C	0.000218417	0.191	0.865925	-1.15483	6.51E-06	2.8411	2.8411	0.528245	1.06869	1.06869	0.00180985	1.58599	1.58599	0.0360016	0.776001	-1.28866
cg22786465	LY6G5C	0.000263844	0.349996	0.816794	-1.2243	9.90E-05	4.27908	4.27908	0.0521375	1.59153	1.59153	0.00014603	3.95469	3.95469	0.673439	0.914694	-1.09326
cg07439316	LY6G5C	0.000298347	0.250888	0.818391	-1.22191	0.0432268	1.47473	1.47473	0.27494	1.20895	1.20895	0.693187	0.935905	-1.06849	5.34E-06	0.178612	-5.59874
cg00965469	LY6G5C	0.000341205	0.0985963	0.675604	-1.48016	0.000147258	4.10979	4.10979	0.0591529	1.58613	1.58613	5.16E-05	5.15655	5.15655	0.0124796	1.96007	1.96007
cg09802546	LY6G5C	0.000483199	0.250045	0.795346	-1.25731	0.246672	1.25956	1.25956	0.000188644	0.301315	-3.31879	0.003214	0.464865	-2.15116	3.61E-05	0.219531	-4.55516
cg08412885	LY6G5C	0.00057356	0.82725	0.931964	-1.073	1.23E-05	19.5771	19.5771	0.017987	2.52627	2.52627	0.000566536	5.59565	5.59565	0.0273862	2.31957	2.31957
cg06011323	LY6G5C	0.00215285	0.0129492	0.252867	-3.95465	0.0280123	3.15013	3.15013	0.00437875	0.179491	-5.5713	0.28811	1.61209	1.61209	0.000160461	0.047858	-20.8952
cg02733847	LY6G5C	0.00236944	0.0244642	0.586058	-1.70632	0.0851489	1.46147	1.46147	0.378899	1.19717	1.19717	0.000780988	2.75357	2.75357	0.117774	0.712758	-1.403
cg02615735	LY6G5C	0.0025026	0.352429	0.877162	-1.14004	0.000329082	2.21323	2.21323	0.0237538	1.44726	1.44726	0.062125	0.750019	-1.3333	0.0216394	0.685429	-1.45894
cg24768187	LY6G5C	0.00316174	0.00398395	0.261752	-3.82041	0.257798	1.50514	1.50514	0.0190814	0.374422	-2.67078	0.01222	0.339254	-2.94764	0.000298308	0.130281	-7.67571
cg14463529	LY6G5C	0.00440526	0.117929	0.566979	-1.76373	0.00697338	3.21058	3.21058	0.172783	1.62403	1.62403	0.00336077	3.79411	3.79411	0.129842	0.578753	-1.72785
cg08049061	LY6G5C	0.00622728	0.28588	1.29746	1.29746	0.00116616	3.0651	3.0651	0.867324	0.961477	-1.04007	0.00124735	3.02818	3.02818	0.126498	1.4746	1.4746
cg09295695	LY6G5C	0.00929293	0.0290579	0.370438	-2.69951	0.0124622	3.32073	3.32073	0.190661	1.70728	1.70728	0.00241467	5.10875	5.10875	0.517571	0.776283	-1.28819
cg11452501	LY6G5C	0.00967576	0.0520957	0.311125	-3.21414	0.127586	0.41871	-2.38829	0.0271255	0.251028	-3.98362	0.0235747	0.239625	-4.17319	0.00337711	0.12167	-8.21895
cg03588325	LY6G5C	0.0147103	0.0897205	0.609283	-1.64127	0.0146368	2.21703	2.21703	0.297916	0.75141	-1.33083	0.0883668	1.64543	1.64543	0.00593287	2.59384	2.59384
cg10950723	LY6G5C	0.0166389	0.0196835	0.256435	-3.89963	0.0529548	0.345639	-2.89319	0.00512233	0.167583	-5.96718	0.0737581	0.38183	-2.61897	0.00232998	0.128303	-7.79403
cg25188387	LY6G5C	0.0167285	0.684692	0.856041	-1.16817	0.0421477	2.555	2.555	0.785773	1.10918	1.10918	0.510001	0.774713	-1.2908	0.00959432	0.255569	-3.91284
cg23642766	LY6G5C	0.0178681	0.447278	0.827991	-1.20774	0.000828443	3.41023	3.41023	0.235	1.35435	1.35435	0.0062701	2.38178	2.38178	0.0543595	1.70235	1.70235
cg27244242	LY6G5C	0.0179179	0.0119618	0.495401	-2.01857	0.68412	1.09595	1.09595	0.0373202	0.58197	-1.7183	0.331768	1.25144	1.25144	0.00118582	0.344745	-2.9007
cg03337084	LY6G5C	0.0239339	0.0179106	0.263269	-3.79839	0.00715432	0.199702	-5.00746	0.0534443	0.361488	-2.76634	0.0886831	0.418508	-2.38944	0.0120473	0.234018	-4.27317
cg08759960	LY6G5C	0.027393	0.651258	0.880647	-1.13553	0.00821165	2.5716	2.5716	0.864897	0.953548	-1.04872	0.0110169	2.437	2.437	0.0481024	0.532059	-1.87949
cg07151644	LY6G5C	0.0274949	0.118274	0.411439	-2.43049	0.0283281	3.8789	3.8789	0.249698	1.87754	1.87754	0.00318443	8.24138	8.24138	0.225607	0.51356	-1.94719
cg17999642	LY6G5C	0.0306899	0.010828	0.205377	-4.86909	0.28806	0.57953	-1.72554	0.188533	0.502031	-1.99191	0.638631	0.7914	-1.26358	0.00816431	0.187413	-5.3358
cg00271925	LY6G5C	0.0316541	0.430748	0.807655	-1.23815	0.028143	1.99111	1.99111	0.454942	1.22405	1.22405	0.0091949	0.415424	-2.40718	0.0265427	0.497369	-2.01058
cg25598672	LY6G5C	0.0388305	0.481766	0.816274	-1.22508	0.0166987	2.29226	2.29226	0.106756	0.606541	-1.64869	0.00404236	2.99267	2.99267	0.401818	1.27586	1.27586
cg14102811	LY6G5C	0.0401561	0.0922473	0.559533	-1.7872	0.00476175	3.23606	3.23606	0.618403	1.1704	1.1704	0.260697	1.44421	1.44421	0.19617	0.65165	-1.53457
cg19251326	LY6G6C	8.71E-07	0.00130858	0.519429	-1.92519	5.07E-07	0.140249	-7.13018	1.39E-05	0.281082	-3.55768	1.34E-06	0.177068	-5.64755	5.72E-08	0.0743572	-13.4486
cg09906448	LY6G6C	4.52E-05	0.00386847	0.541877	-1.84544	0.149357	0.783936	-1.27561	3.35E-05	0.281751	-3.54924	0.265004	0.832844	-1.20071	8.19E-07	0.125387	-7.97529
cg26877565	LY6G6C	0.000346658	0.000213871	0.199359	-5.01608	0.00640554	0.396471	-2.52225	0.000309459	0.217219	-4.60365	0.00966471	0.425676	-2.3492	0.000126375	0.175402	-5.70119
cg20794828	LY6G6C	0.00079283	0.000946971	0.278625	-3.58905	0.000477726	0.241356	-4.14325	0.00129236	0.296528	-3.37236	0.00480963	0.379095	-2.63786	0.00145298	0.303431	-3.29564
cg11522612	LY6G6C	0.00756708	0.0446606	0.345018	-2.8984	0.00251671	0.144169	-6.93633	0.00822727	0.210035	-4.76111	0.0827388	0.411888	-2.42784	0.00324593	0.156746	-6.37976
cg03755825	LY6G6C	0.0130186	0.388433	0.756724	-1.32149	0.0293673	0.445192	-2.24622	0.00213132	0.256392	-3.90028	0.79139	0.919798	-1.0872	0.0409605	0.475253	-2.10414
cg22727233	LY6G6C	0.0450524	0.479134	0.748861	-1.33536	0.0458471	0.398491	-2.50947	0.00400227	0.211246	-4.73382	0.895205	1.0544	1.0544	0.040208	0.385645	-2.59306
cg11328149	LY6G6C;LY6G6C	0.021995	0.0329874	0.549908	-1.81849	0.490843	0.8455	-1.18273	0.0154655	0.490455	-2.03892	0.519401	0.855022	-1.16956	0.00161065	0.338041	-2.95822
cg26015971	LY6G6D	0.00748312	0.0132505	2.77251	2.77251	0.00152993	4.55009	4.55009	0.149802	1.67019	1.67019	0.597246	0.837671	-1.19379	0.0055609	0.298212	-3.35332
cg12951348	LY6G6D	0.00835962	0.736301	0.915306	-1.09253	0.0116721	2.28233	2.28233	0.00177859	3.20539	3.20539	0.217238	0.711832	-1.40483	0.0167818	0.465714	-2.14724
cg27248571	LY6G6D	0.0294015	0.220831	0.68377	-1.46248	0.0166598	2.3711	2.3711	0.318608	0.737546	-1.35585	0.303895	0.730165	-1.36955	0.00471528	0.329914	-3.03109
cg13123009	LY6G6E;LY6G6D;LY6G6E	0.0310067	0.17198	0.83097	-1.20341	0.00555662	0.628814	-1.59029	0.0248166	0.711615	-1.40525	0.225821	0.850458	-1.17584	0.164614	0.827936	-1.20782
cg03926852	LY6G6E;LY6G6E	0.00151739	0.105443	1.24931	1.24931	0.00724368	1.5465	1.5465	0.0127239	0.677342	-1.47636	0.0456541	1.33424	1.33424	0.0120935	1.48247	1.48247
cg21813187	LY6G6F	0.0144166	0.00157351	0.067914	-14.7245	0.126863	0.376002	-2.65956	0.359695	1.74698	1.74698	0.0877733	0.32748	-3.05362	0.00161134	0.0686323	-14.5704
cg03807391	LY6G6F	0.018724	0.228889	0.54567	-1.83261	0.0443454	0.330243	-3.02807	0.0179948	0.251879	-3.97016	0.035202	0.30827	-3.24391	0.00431222	0.160309	-6.23796
cg15620499	LY6G6F	0.0303112	0.0250041	0.253383	-3.94659	0.0728678	0.356998	-2.80113	0.319448	0.588808	-1.69835	0.238725	0.529811	-1.88747	0.00701885	0.166216	-6.01628
cg08657589	LY6G6F	0.0322437	0.0985102	0.204692	-4.8854	0.178846	3.49157	3.49157	0.117848	4.42299	4.42299	0.574935	0.608921	-1.64225	0.00505692	0.0389528	-25.6721
cg26610527	LY6H;LY6H;LY6H	5.05E-05	0.350345	1.1138	1.1138	2.84E-05	2.51518	2.51518	0.448964	1.09036	1.09036	0.824935	1.02515	1.02515	0.035123	0.759428	-1.31678
cg16825060	LY6H;LY6H;LY6H	0.0157108	0.761118	0.949208	-1.05351	0.013046	1.69302	1.69302	0.175794	1.27902	1.27902	0.128007	0.754803	-1.32485	0.74793	0.946368	-1.05667
cg04583874	LY6H;LY6H;LY6H	0.0290666	0.611316	0.89921	-1.11209	0.622525	1.10833	1.10833	0.00807398	2.0204	2.0204	0.583542	1.12161	1.12161	0.484817	1.15853	1.15853
cg24971209	LY6H;LY6H;LY6H	0.0417016	0.966632	0.984556	-1.01569	0.69216	0.862379	-1.15958	0.449132	0.750536	-1.33238	0.0919982	1.99398	1.99398	0.00209422	0.199781	-5.00547
cg02539855	LY6H;LY6H;LY6H;LY6H	1.59E-06	0.00723222	0.843361	-1.18573	0.612295	1.02544	1.02544	0.134321	0.923706	-1.0826	0.051654	0.896847	-1.11502	0.000105692	0.714233	-1.4001
cg23484951	LY6H;LY6H;LY6H;LY6H	5.88E-05	0.251095	1.14489	1.14489	0.118131	1.211	1.211	0.0322863	1.32694	1.32694	0.0448474	1.29669	1.29669	0.500286	0.925704	-1.08026
cg15164446	LY6K;LY6K;LY6K	0.000195567	0.294827	1.12268	1.12268	0.165892	0.854382	-1.17044	0.300245	1.12113	1.12113	0.243197	0.878036	-1.1389	0.188038	0.861935	-1.16018
cg19413366	LY6K;LY6K;LY6K	0.00071019	0.00160851	2.79513	2.79513	0.467135	1.18309	1.18309	0.877258	0.96549	-1.03574	0.0627731	1.60922	1.60922	0.000857241	3.11979	3.11979
cg00499248	LY6K;LY6K;LY6K	0.00252081	0.188647	0.712476	-1.40356	0.401683	0.811463	-1.23234	0.00207872	0.348224	-2.87172	0.856383	0.956864	-1.04508	0.000596109	0.275304	-3.63235
cg24023258	LY6K;LY6K;LY6K	0.00758593	0.339723	0.76	-1.31579	0.00502886	0.35525	-2.81492	0.0011461	0.263597	-3.79366	0.0208068	0.460233	-2.17281	0.475869	0.816927	-1.2241
cg16809304	LY6K;LY6K;LY6K	0.0137198	0.00571169	0.0828949	-12.0635	0.173703	0.369909	-2.70337	0.00839395	0.098913	-10.1099	0.101006	0.291112	-3.43511	0.00342792	0.0651003	-15.3609
cg09027685	LY6K;LY6K;LY6K	0.0242661	0.0082509	0.349831	-2.85852	0.0324339	0.459094	-2.1782	0.0262917	0.44075	-2.26886	0.457225	1.26537	1.26537	0.00673439	0.335454	-2.98104
cg00497110	LY6K;LY6K;LY6K	0.0486884	0.655386	0.927848	-1.07776	0.76099	0.95041	-1.05218	0.715803	0.940864	-1.06285	0.758562	1.05274	1.05274	0.949418	0.989479	-1.01063
cg11630226	LY6K;LY6K;LY6K;LY6K;LY6K;LY6K	0.0307783	0.0780244	3.03883	3.03883	0.256653	1.95823	1.95823	0.134513	2.49907	2.49907	0.360759	1.70454	1.70454	0.0479231	3.60967	3.60967
cg26976437	LY6K;LY6K;LY6K;LY6K;LY6K;LY6K	0.0445114	0.0215745	2.98582	2.98582	0.00577159	4.19473	4.19473	0.920298	1.04047	1.04047	0.347469	1.46736	1.46736	0.188439	1.73742	1.73742
cg10107725	LY75	0.00735696	0.0173281	4.35458	4.35458	0.0137795	4.69045	4.69045	0.0484481	3.14094	3.14094	0.735711	0.842	-1.18765	0.0222707	4.01752	4.01752
cg07293329	LY75	0.0239991	0.0691525	0.682401	-1.46542	0.0380507	0.636415	-1.5713	0.030709	0.620646	-1.61122	0.236615	0.792126	-1.26242	0.00143564	0.420575	-2.37769
cg14819504	LY75	0.0322274	0.0564272	26.6424	26.6424	0.0189249	75.1486	75.1486	0.124235	12.5491	12.5491	0.321476	4.74263	4.74263	0.0635824	23.8006	23.8006
cg01092293	LY75	0.0375792	0.0247972	10.8073	10.8073	0.345604	2.37567	2.37567	0.331214	2.44265	2.44265	0.957769	0.953924	-1.0483	0.0168833	13.4166	13.4166
cg15026998	LY75	0.0419779	0.0387669	3.39308	3.39308	0.0550372	3.03624	3.03624	0.131346	2.29699	2.29699	0.489385	1.4312	1.4312	0.0171048	4.40978	4.40978
cg02908748	LY86	0.0150979	0.0137307	0.277404	-3.60485	0.00295825	0.179598	-5.56798	0.0115601	0.264744	-3.77723	0.13177	0.504262	-1.98309	0.0117438	0.265884	-3.76103
cg15553155	LY86	0.0368808	0.257139	1.53728	1.53728	0.14489	1.76701	1.76701	0.0243471	0.376922	-2.65307	0.301053	1.47641	1.47641	0.581571	1.22431	1.22431
cg16101278	LY86	0.0447558	0.497361	1.19623	1.19623	0.00991733	0.428644	-2.33294	0.00292627	0.345425	-2.89498	0.609292	0.87455	-1.14345	0.111039	0.636696	-1.57061
cg20162076	LY86;LOC285780	0.000878498	0.68484	0.950372	-1.05222	0.00488365	0.627893	-1.59263	0.000288289	0.478077	-2.09171	0.116101	1.23743	1.23743	0.490453	1.09131	1.09131
cg04222933	LY9	0.00187817	0.029053	0.485513	-2.05967	0.0010934	0.258523	-3.86813	0.0736037	0.571124	-1.75093	0.00283226	0.315217	-3.17241	0.00176756	0.286308	-3.49274
cg14176804	LY9	0.0141577	0.0437052	0.595571	-1.67906	0.166934	0.719397	-1.39005	0.726028	0.92438	-1.08181	0.166516	0.719133	-1.39056	0.166641	0.719212	-1.39041
cg13904520	LY9	0.0256244	0.326003	1.63851	1.63851	0.684999	1.21967	1.21967	0.470124	0.699224	-1.43016	0.192143	0.510564	-1.95862	0.0178577	0.246131	-4.06288
cg19529842	LY96	0.00124106	0.404978	1.17896	1.17896	0.195073	1.30318	1.30318	0.487786	1.14591	1.14591	0.10098	0.706766	-1.4149	0.718155	0.932364	-1.07254
cg23732024	LY96	0.0133249	0.00745903	0.0917728	-10.8965	0.0297392	0.169737	-5.89148	0.022038	0.149006	-6.71113	0.0908785	0.274932	-3.63727	0.00282391	0.0577673	-17.3108
cg13213009	LY96	0.0191199	0.0212934	0.193293	-5.17348	0.224358	0.468648	-2.1338	0.010167	0.145912	-6.85343	0.148499	0.398414	-2.50995	0.00530577	0.112842	-8.86195
cg16120709	LY9;LY9	0.000179164	0.000723633	0.340178	-2.93963	0.187471	0.746072	-1.34035	0.00055481	0.3251	-3.07597	0.000208271	0.272114	-3.67494	5.50E-05	0.207146	-4.82751
cg18865207	LY9;LY9	0.000649545	0.00737195	0.613207	-1.63077	0.00272488	1.79701	1.79701	0.00272426	0.556468	-1.79705	0.000141375	0.394544	-2.53457	0.00868945	0.622729	-1.60583
cg07106927	LY9;LY9	0.00147257	0.0647856	0.557903	-1.79243	0.397625	1.27595	1.27595	0.0892527	0.590226	-1.69427	0.000345622	0.197892	-5.05327	0.366675	0.770333	-1.29814
cg18920397	LY9;LY9	0.00189548	0.0925493	0.71087	-1.40673	0.0810192	1.42854	1.42854	0.117641	0.731039	-1.36792	0.261509	0.805841	-1.24094	0.000582977	0.375179	-2.6654
cg18805892	LY9;LY9	0.00804865	0.0733051	0.672179	-1.4877	0.0331306	0.609299	-1.64123	0.367132	0.831707	-1.20235	0.0510986	0.642827	-1.55563	0.000834302	0.3678	-2.71887
cg01367992	LY9;LY9	0.00876599	0.289218	0.621853	-1.6081	0.153164	0.516571	-1.93584	0.475664	0.731094	-1.36781	0.244197	1.69234	1.69234	0.0101936	0.24686	-4.05087
cg14512089	LY9;LY9	0.0127061	0.351769	0.698138	-1.43238	0.861876	0.936785	-1.06748	0.00152747	0.180728	-5.53318	0.702818	0.866113	-1.15458	0.0038602	0.232291	-4.30495
cg06370667	LY9;LY9	0.0128937	0.123615	0.543263	-1.84073	0.620834	0.833243	-1.20013	0.0848858	0.498029	-2.00791	0.00671245	0.276318	-3.61901	0.149778	0.568385	-1.75937
cg21906083	LY9;LY9	0.0131364	0.153183	1.18307	1.18307	0.0626097	1.25897	1.25897	0.190733	1.16448	1.16448	0.963382	0.994967	-1.00506	0.00195738	0.61805	-1.61799
cg11948252	LY9;LY9	0.0185138	0.417279	0.774888	-1.29051	0.0324342	0.462821	-2.16066	0.0123809	0.383698	-2.60621	0.216092	1.49258	1.49258	0.0650615	0.52872	-1.89136
cg12810626	LY9;LY9	0.0188063	0.00985068	0.0521807	-19.1642	0.425009	0.478295	-2.09076	0.0687526	0.158162	-6.32263	0.0592789	0.145489	-6.87336	0.00663614	0.0411904	-24.2775
cg10316357	LY9;LY9	0.0371583	0.0262827	0.219017	-4.56586	0.13021	0.389923	-2.56461	0.0629489	0.299568	-3.33814	0.0149184	0.178173	-5.61251	0.0662145	0.305051	-3.27814
cg11159650	LYAR;LYAR;ZNF509;LYAR	0.00415019	?	?	?	0.121345	1.58891	1.58891	0.000647094	0.236325	-4.23146	?	?	?	0.720032	0.905541	-1.10431
cg14245791	LYG1	0.0359197	0.041892	0.445939	-2.24246	0.155886	0.592821	-1.68685	0.0126487	0.343864	-2.90813	0.00527203	0.281718	-3.54965	0.022414	0.389817	-2.5653
cg08697297	LYG1	0.0376578	0.0204094	0.331169	-3.01961	0.52741	0.776302	-1.28816	0.200582	0.585893	-1.7068	0.232096	0.609205	-1.64148	0.000867742	0.138579	-7.21608
cg09648371	LYG2	0.000136768	0.970595	1.00411	1.00411	0.0226952	1.35464	1.35464	0.319928	0.891926	-1.12117	0.0478917	1.28621	1.28621	1.71E-05	0.37467	-2.66902
cg24749475	LYG2	0.00235622	0.0114685	0.572345	-1.7472	0.000232094	0.340373	-2.93795	0.0195414	0.607834	-1.64519	0.121777	0.743854	-1.34435	0.773834	0.95044	-1.05214
cg20738928	LYG2	0.0445102	0.521817	0.837767	-1.19365	0.956631	0.985282	-1.01494	0.031069	0.501546	-1.99384	0.0424179	1.89124	1.89124	0.0538908	0.550624	-1.81612
cg02964396	LYL1	0.000226802	0.00394117	2.92936	2.92936	0.000460482	4.60832	4.60832	0.0562201	1.82065	1.82065	0.118091	1.60039	1.60039	0.532578	1.19144	1.19144
cg04432009	LYL1	0.0128969	0.147995	1.53382	1.53382	0.0120741	2.36937	2.36937	0.565257	1.17378	1.17378	0.437287	0.803802	-1.24409	0.655406	0.883555	-1.13179
cg02011446	LYL1	0.0147014	0.279917	1.42658	1.42658	0.0641652	1.93076	1.93076	0.118599	1.70893	1.70893	0.73828	1.11189	1.11189	0.407002	0.764687	-1.30772
cg18801945	LYL1	0.0154023	0.0373838	0.422412	-2.36736	0.313032	1.45102	1.45102	0.011641	3.07999	3.07999	0.112834	0.540265	-1.85094	0.00317982	0.237587	-4.20899
cg18248284	LYL1	0.0249392	0.00318816	0.32508	-3.07617	0.412472	1.26341	1.26341	0.0592754	1.81155	1.81155	0.393031	1.27654	1.27654	0.0521069	0.539816	-1.85248
cg09761040	LYL1	0.0384323	0.0726812	2.67406	2.67406	0.0072564	5.4812	5.4812	0.187454	1.9862	1.9862	0.325036	1.6474	1.6474	0.157341	2.10178	2.10178
cg12650490	LYL1	0.0439558	0.37103	1.31964	1.31964	0.0225894	2.28076	2.28076	0.881824	0.956077	-1.04594	0.230613	1.4619	1.4619	0.672878	1.13681	1.13681
cg15013019	LYL1;LYL1	0.0494843	0.990934	1.00337	1.00337	0.319737	1.35623	1.35623	0.435002	0.789745	-1.26623	0.158621	0.639822	-1.56294	0.0906603	0.575556	-1.73745
cg03388786	LYN;LYN	0.000203816	0.149088	1.31159	1.31159	0.000179944	3.03933	3.03933	0.708125	1.06815	1.06815	0.227011	0.800631	-1.24901	1.59E-05	0.209827	-4.76584
cg21301224	LYN;LYN	0.000705285	0.011781	0.402935	-2.48179	0.39692	0.778282	-1.28488	0.00525835	0.345252	-2.89644	0.398993	0.779178	-1.2834	2.56E-05	0.0895974	-11.161
cg08621168	LYN;LYN	0.00220324	0.110926	0.702353	-1.42379	0.107348	0.699389	-1.42982	0.267343	0.790507	-1.26501	0.172654	0.744333	-1.34349	3.71E-05	0.199182	-5.02055
cg06248767	LYN;LYN	0.00349825	0.0429017	3.31115	3.31115	0.00151248	10.4649	10.4649	0.465565	1.4646	1.4646	0.959233	0.974077	-1.02661	0.000575866	0.0647273	-15.4494
cg04132540	LYN;LYN	0.0116515	0.0834198	0.588911	-1.69805	0.000982404	3.87253	3.87253	0.13839	0.643525	-1.55394	0.568473	0.85277	-1.17265	0.0107779	0.412674	-2.42322
cg17643864	LYN;LYN	0.0162956	0.0766583	2.65716	2.65716	0.00669994	5.72782	5.72782	0.430509	1.49082	1.49082	0.185131	0.497868	-2.00857	0.00744944	0.180823	-5.53028
cg12929040	LYN;LYN	0.0236377	0.879759	1.01723	1.01723	0.394967	1.10333	1.10333	0.119092	1.21035	1.21035	0.256652	1.14297	1.14297	0.542772	1.07201	1.07201
cg11982546	LYN;LYN	0.037808	0.622393	1.22715	1.22715	0.176208	1.80936	1.80936	0.100379	0.476042	-2.10066	0.938266	1.03246	1.03246	0.00295422	0.185846	-5.38081
cg02508743	LYN;LYN	0.0410619	0.205262	0.708195	-1.41204	0.861797	0.95601	-1.04601	0.099649	0.627574	-1.59344	0.158088	0.677322	-1.4764	0.0303254	0.518233	-1.92963
cg03359337	LYN;LYN	0.0437291	0.0488413	0.472452	-2.11662	0.0980755	1.83093	1.83093	0.655909	1.16123	1.16123	0.923361	0.968437	-1.03259	0.027899	0.420635	-2.37736
cg10210076	LYNX1;LYNX1	3.44E-05	0.50756	0.914535	-1.09345	3.47E-05	0.345116	-2.89757	0.00194662	0.558583	-1.79024	7.32E-05	0.383451	-2.6079	9.36E-06	0.280497	-3.5651
cg16737416	LYNX1;LYNX1	0.00693661	0.0587603	0.701194	-1.42614	0.0184034	0.621536	-1.60892	0.053009	0.693773	-1.44139	0.457912	1.13393	1.13393	0.000482551	0.402423	-2.48495
cg02415014	LYNX1;LYNX1	0.0101652	0.535588	1.20791	1.20791	0.0534788	0.516658	-1.93552	0.047068	0.50447	-1.98228	0.0234896	2.2586	2.2586	0.994779	1.00197	1.00197
cg10555383	LYNX1;LYNX1;LYNX1	0.0260219	0.899176	1.03993	1.03993	0.0165013	2.47152	2.47152	0.00863821	2.81287	2.81287	0.0509873	0.503268	-1.98701	0.294724	1.39888	1.39888
cg24046110	LYNX1;LYNX1;LYNX1;LYNX1	0.00165878	0.00256112	0.684447	-1.46103	0.00580489	0.720714	-1.38751	0.0363861	0.802126	-1.24669	0.0301671	1.25995	1.25995	0.0036333	1.42859	1.42859
cg05072100	LYNX1;LYNX1;LYNX1;LYNX1	0.0167199	0.417948	1.20902	1.20902	0.0248028	1.84542	1.84542	0.377888	1.23057	1.23057	0.209184	1.35466	1.35466	0.194432	1.36997	1.36997
cg00801134	LYNX1;LYNX1;LYNX1;LYNX1	0.0317751	0.00201539	0.533205	-1.87545	0.17209	1.23343	1.23343	0.942115	1.01054	1.01054	0.201161	0.822954	-1.21513	0.154812	1.24582	1.24582
cg17888033	LYNX1;LYNX1;LYNX1;LYNX1;LYNX1 LYNX1;LYNX1;LYNX1;LYNX1;LYNX1;LYNX	0.00800791	0.0154985	1.88676	1.88676	0.532956	1.14456	1.14456	0.23499	1.30491	1.30491	0.0070743	2.10467	2.10467	0.785971	0.943466	-1.05992
cg05569086	1	0.00922377	0.314591	0.897213	-1.11456	0.10652	1.20179	1.20179	0.0251129	1.32029	1.32029	0.0259329	1.31752	1.31752	0.012745	0.724136	-1.38096
cg00937742	LYPD1;LYPD1	0.0015316	0.000509815	0.084633	-11.8157	0.00128523	0.118268	-8.45534	0.0104555	0.230797	-4.33281	0.00312019	0.159008	-6.28901	0.00996509	0.22753	-4.39502
cg15506477	LYPD1;LYPD1	0.00179952	0.0207228	0.622998	-1.60514	0.000479248	0.394101	-2.53742	0.00816399	1.77757	1.77757	0.269221	1.21593	1.21593	0.44382	0.875766	-1.14186
cg11812233	LYPD1;LYPD1	0.00369473	0.245618	0.625018	-1.59995	0.009199	0.2781	-3.59584	0.244118	0.623998	-1.60257	0.654149	1.19068	1.19068	8.85E-05	0.0660476	-15.1406
cg23724641	LYPD1;LYPD1	0.0038364	0.117032	1.52054	1.52054	0.820099	0.945479	-1.05767	0.0486463	1.74071	1.74071	0.822225	1.05695	1.05695	0.355604	1.26349	1.26349
cg20273260	LYPD1;LYPD1	0.00452247	0.0101538	0.247888	-4.03408	0.00182286	0.148671	-6.72626	0.00421725	0.192374	-5.1982	0.140235	0.505288	-1.97907	0.283579	0.619236	-1.61489
cg04120400	LYPD1;LYPD1	0.00553547	0.642549	0.848611	-1.1784	0.0204618	0.374981	-2.6668	0.0140681	0.344868	-2.89966	0.24341	0.651373	-1.53522	0.683647	0.865987	-1.15475
cg08613144	LYPD1;LYPD1;LYPD1	0.016931	0.0368714	0.419547	-2.38352	0.63161	1.18896	1.18896	0.98504	1.00674	1.00674	0.187965	0.606602	-1.64853	0.0221576	0.374309	-2.67159
cg22617682	LYPD2	0.000891701	6.88E-05	0.183523	-5.44892	0.0526253	0.598454	-1.67097	0.000161049	0.222779	-4.48875	0.434388	1.20425	1.20425	0.00770058	0.450283	-2.22083
cg18493182	LYPD2	0.0355141	0.0167833	0.54166	-1.84618	0.556534	1.13307	1.13307	0.295711	0.79629	-1.25582	0.857088	0.96284	-1.03859	0.675066	0.91524	-1.09261
cg04311964	LYPD2;LYPD2	0.0135852	0.506052	0.874948	-1.14292	0.951151	1.01218	1.01218	0.0141945	0.538913	-1.85559	0.24524	0.785234	-1.27351	0.00463649	0.458641	-2.18035

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00598766	0.196808	1.16136	1.16136	0.0606294	1.26097	1.26097	0.502875	0.928175	-1.07738	0.727076	1.03916	1.03916	5.87971	1.11901	0.16917	1
cg17052170	0.391998	0.581799	-1.71881	0.20801	0.440487	-2.27022	0.00132383	0.0558869	-17.8933	0.0557107	0.262129	-3.81491	5.1113	30.8783	5.36994	1
cg22425913	0.00387308	0.653467	-1.5303	0.1208	0.831944	-1.202	0.0041984	0.657476	-1.52097	0.0629876	0.795543	-1.257	8.39278	1.58963	0.16836	1
cg25076980	5.63E-05	0.362466	-2.75888	0.504847	1.09611	1.09611	0.830289	0.971311	-1.02954	0.00201294	0.553798	-1.80571	31.1779	9.08143	0.258913	1
cg23362089	0.819439	1.03976	1.03976	0.17176	1.28157	1.28157	0.00129136	0.449485	-2.22477	0.00329941	0.505306	-1.979	21.9915	10.1287	0.409399	1
cg06062514	0.248497	0.764349	-1.3083	0.000432144	0.289346	-3.45607	0.773538	1.06638	1.06638	0.00347263	0.413262	-2.41977	13.4673	10.5847	0.698627	1
cg26726370	0.0157109	0.366287	-2.7301	0.0354979	0.435873	-2.29425	0.378279	1.35887	1.35887	0.0735475	0.508252	-1.96753	9.80926	17.8781	1.62006	1
cg11999288	0.749242	0.931808	-1.07318	0.000345578	0.281362	-3.55414	0.380194	0.820163	-1.21927	0.0254155	0.557065	-1.79512	6.62778	5.09153	0.682855	1
cg03151319	0.0167578	0.362528	-2.7584	0.016361	0.360611	-2.77307	0.462879	0.771279	-1.29655	0.00627813	0.290137	-3.44665	5.83924	11.1702	1.70041	1
cg22160377	0.218461	0.775425	-1.28962	0.366935	1.19976	1.19976	0.0225255	0.584562	-1.71068	0.000664088	0.359146	-2.78439	4.51578	2.76137	0.54355	1
cg14971941	0.0515183	0.525664	-1.90236	0.756629	1.09439	1.09439	0.989335	1.00389	1.00389	0.0290754	0.474099	-2.10927	3.59405	4.79174	1.18511	1
cg02683578	0.0679815	1.3756	1.3756	9.48E-05	0.337994	-2.95863	0.0201277	0.645756	-1.54857	0.0068164	0.578772	-1.7278	32.3557	12.4716	0.342625	1
cg17187990	0.0575622	1.21956	1.21956	1.36E-05	2.3176	2.3176	0.370154	0.918459	-1.08878	0.032594	0.793616	-1.26005	27.5473	3.72676	0.120254	1
cg06667222	0.415131	0.91704	-1.09046	0.0205149	0.748102	-1.33672	0.558646	1.06342	1.06342	0.232303	0.877887	-1.1391	17.9372	3.071	0.152186	1
cg22786465	0.0081095	2.04027	2.04027	0.00292323	0.423152	-2.36322	0.0244927	0.569096	-1.75717	0.0175891	1.83615	1.83615	17.0377	11.9405	0.62296	1
cg07439316	0.344435	1.17666	1.17666	0.0279378	0.647987	-1.54324	0.149098	0.772243	-1.29493	0.00510724	0.538957	-1.85544	16.475	7.28163	0.392871	1
cg00965469	0.159535	1.38464	1.38464	0.0199932	0.544518	-1.83649	0.0553735	0.62489	-1.60028	0.267103	1.28443	1.28443	15.8799	11.7891	0.659903	1
cg09802546	0.00351357	0.470446	-2.12564	0.625618	0.910586	-1.09819	0.0345566	0.62532	-1.59918	0.00982528	0.537029	-1.8621	14.4266	8.29102	0.510848	1
cg08412885	0.204944	1.5391	1.5391	0.979896	1.00816	1.00816	0.933148	1.02742	1.02742	0.0582792	1.99351	1.99351	13.7556	22.6442	1.46327	1
cg06011323	0.831828	1.0959	1.0959	0.0338229	0.335097	-2.98421	0.873298	0.933592	-1.07113	0.0272094	0.314795	-3.17668	11.2276	32.2641	2.23506	1
cg02733847	0.0210088	1.73922	1.73922	0.00985749	0.521957	-1.91587	0.0191316	0.568231	-1.75985	0.0963542	1.43901	1.43901	9.17558	5.77477	0.559434	1
cg02615735	0.088495	0.773059	-1.29356	0.136678	0.802834	-1.24559	0.116703	0.791792	-1.26296	0.0232957	0.689801	-1.44969	9.02928	2.68281	0.264109	1
cg24768187	0.0125063	0.341015	-2.93243	0.0184454	0.371648	-2.69072	0.01393	0.349306	-2.86282	0.0433392	0.447244	-2.23591	8.42558	15.9992	1.68789	1
cg14463529	0.728728	1.1234	1.1234	0.00201411	0.233111	-4.2898	0.233059	0.658425	-1.51878	0.221635	0.650935	-1.53625	7.62677	13.4924	1.57252	1
cg08049061	0.252356	0.755083	-1.32436	0.115381	0.668865	-1.49507	0.028243	1.83794	1.83794	0.906364	1.02803	1.02803	6.85988	5.99757	0.777153	1
cg09295695	0.385984	1.40924	1.40924	0.0280868	0.367412	-2.72174	0.215804	0.60481	-1.65341	0.482898	0.759374	-1.31687	6.05049	14.2778	2.09757	1
cg11452501	0.00406933	0.130329	-7.67287	0.00164337	0.0923807	-10.8248	0.063263	0.331613	-3.01556	0.0353082	0.273826	-3.65195	5.97318	26.4145	3.93084	1
cg03588325	0.758262	1.0852	1.0852	0.0385256	0.529994	-1.88681	0.0803296	0.598202	-1.67168	0.808986	1.06625	1.06625	5.21419	5.79355	0.987654	1
cg10950723	0.0275075	0.283871	-3.52272	0.29592	0.592436	-1.68795	0.0288173	0.287887	-3.47358	0.032595	0.298778	-3.34696	5.00526	18.4949	3.28453	1
cg25188387	0.0404003	0.386917	-2.58453	0.0363677	2.6597	2.6597	0.786074	1.10901	1.10901	0.00695959	4.32924	4.32924	6.5087	14.1765	1.45206	1
cg23642766	0.930277	1.02155	1.02155	0.562849	1.15322	1.15322	0.769359	1.07428	1.07428	0.158541	1.44382	1.44382	4.8872	4.59644	0.836006	1
cg27244242	0.631781	1.11421	1.11421	0.121417	0.686511	-1.45664	0.965213	0.990279	-1.00982	0.794209	1.0603	1.0603	4.88262	3.87987	0.706335	1
cg03337084	0.136922	0.475608	-2.10257	0.00810264	0.207504	-4.81919	0.0279777	0.299897	-3.33447	0.0637329	0.38031	-2.62944	4.42362	15.0733	3.02886	1
cg08759960	0.240454	1.40956	1.40956	0.0782647	0.57903	-1.72703	0.68232	0.891412	-1.12182	0.717386	1.10686	1.10686	4.2202	5.21459	1.09833	1
cg07151644	0.239027	1.90735	1.90735	0.65013	0.78732	-1.27013	0.338745	0.596679	-1.67594	0.290905	0.563309	-1.77523	4.2147	18.3045	3.86045	1
cg17999642	0.0145209	0.22554	-4.43381	0.00617243	0.170901	-5.85133	0.176781	0.491564	-2.03432	0.423097	0.667184	-1.49884	4.05392	15.7069	3.44399	1
cg00271925	0.193437	0.693825	-1.44129	0.119557	0.638483	-1.56621	0.691949	0.899621	-1.11158	0.234837	1.39202	1.39202	4.00943	4.48042	0.993307	1
cg25598672	0.478733	1.22686	1.22686	0.798229	0.929851	-1.07544	0.605707	1.15933	1.15933	0.102932	1.65953	1.65953	3.72353	4.7537	1.13481	1
cg14102811	0.302976	0.715825	-1.39699	0.0812803	0.545787	-1.83222	0.490807	0.803089	-1.24519	0.17055	0.633002	-1.57977	3.67786	5.71858	1.38211	1
cg19251326	0.0187597	0.671212	-1.48984	0.000116881	0.388772	-2.5722	0.617793	0.932	-1.07296	0.000234388	0.425735	-2.34888	75.9539	23.574	0.275886	1
cg09906448	0.137951	0.777624	-1.28597	0.897	0.979814	-1.0206	0.540694	0.907089	-1.10243	0.0171167	0.632822	-1.58022	27.3474	10.7378	0.349019	1
cg26877565	0.0204748	0.482692	-2.07171	0.000209361	0.198354	-5.04148	0.0302035	0.514406	-1.94399	0.000758675	0.264119	-3.78617	15.8109	17.0359	0.957759	1
cg20794828	0.00259359	0.338868	-2.95101	0.00292263	0.346446	-2.88646	0.000736331	0.264583	-3.77953	0.00293871	0.346796	-2.88354	12.5639	13.3758	0.946335	1
cg11522612	0.0188652	0.269001	-3.71746	0.00165082	0.125018	-7.99883	0.144303	0.484812	-2.06266	0.0975134	0.431987	-2.31488	6.45597	21.79	3.00015	1
cg03755825	0.0015542	0.238197	-4.1982	0.987744	1.00486	1.00486	0.758627	1.10208	1.10208	0.0623599	0.516039	-1.93784	5.42761	8.5491	1.4001	1
cg22727233	0.202803	0.582482	-1.71679	0.034439	0.370997	-2.69544	0.985301	0.992622	-1.00743	0.0406181	0.386623	-2.5865	3.52399	9.01812	2.27472	1
cg11328149	0.518678	1.16989	1.16989	0.4975	1.17961	1.17961	0.648426	0.895755	-1.11638	0.0298221	0.541672	-1.84614	4.5543	4.14836	0.809661	1
cg26015971	0.082318	1.89524	1.89524	0.712245	0.884204	-1.13096	0.258923	1.47886	1.47886	0.448257	0.773577	-1.2927	6.47858	11.3228	1.55354	1
cg12951348	0.16724	0.680115	-1.47034	0.88941	0.964227	-1.0371	0.0599362	1.74321	1.74321	0.289054	0.749647	-1.33396	6.25684	6.7935	0.96513	1
cg27248571	0.119171	0.606859	-1.64783	0.0981002	0.585155	-1.70895	0.321885	1.35288	1.35288	0.369477	0.761694	-1.31286	4.11615	5.68632	1.22797	1
cg13123009	0.383922	0.892528	-1.12041	0.00834271	0.650954	-1.53621	0.14177	1.22285	1.22285	0.463234	0.909294	-1.09975	4.03912	1.0375	0.228322	1
cg03926852	0.0493748	0.754094	-1.3261	0.00131306	0.555169	-1.80125	0.0635555	1.30017	1.30017	0.0103299	1.50167	1.50167	10.4449	2.61951	0.222928	1
cg21813187	0.835718	0.884252	-1.1309	0.213211	0.459987	-2.17398	0.184339	0.434227	-2.30294	0.143837	0.394428	-2.53531	5.24899	29.1747	4.94058	1
cg03807391	0.159491	0.486189	-2.05681	0.00254888	0.134229	-7.44996	0.0446335	0.330881	-3.02224	0.0503902	0.343055	-2.91498	4.81078	17.5333	3.23964	1
cg15620499	0.0565952	0.329231	-3.03738	0.00270518	0.118464	-8.44136	0.63165	0.779848	-1.2823	0.112899	0.411354	-2.43099	4.07187	17.0908	3.73093	1
cg08657589	0.025722	0.0983487	-10.1679	0.228798	0.330958	-3.02153	0.89601	0.891824	-1.1213	0.0765131	0.178163	-5.61283	3.98304	48.3533	10.7909	1
cg26610527	0.125604	1.20423	1.20423	0.0484369	0.776625	-1.28762	2.12E-06	3.69123	3.69123	0.355614	0.898944	-1.11242	26.5507	5.28573	0.176961	1
cg16825060	0.0229212	1.59241	1.59241	0.00716395	0.552342	-1.81047	0.903058	0.979384	-1.02105	0.0395678	1.50223	1.50223	5.10183	2.36156	0.411453	1
cg04583874	0.0278634	1.71386	1.71386	0.108899	0.695977	-1.43683	0.0597255	1.55337	1.55337	0.00923895	1.98356	1.98356	4.13288	2.81268	0.604945	1
cg24971209	0.184889	1.68739	1.68739	?	?	?	0.722776	1.14171	1.14171	0.828465	1.08408	1.08408	3.68325	7.17807	1.94884	1
cg02539855	3.56E-05	1.48016	1.48016	0.753428	1.01561	1.01561	4.10E-08	2.5912	2.5912	0.691407	0.980579	-1.01981	65.1094	2.49152	0.0340148	1
cg23484951	0.000305705	1.93813	1.93813	0.00241397	0.620776	-1.61089	1.42E-06	3.99411	3.99411	0.661932	1.0509	1.0509	25.5027	5.14249	0.17924	1
cg15164446	0.0146517	1.37724	1.37724	0.000709459	1.73219	1.73219	7.29E-06	0.348711	-2.8677	0.873318	0.983148	-1.01714	18.4832	3.32077	0.159702	1
cg19413366	0.041859	0.586874	-1.70394	0.0044823	2.36573	2.36573	6.61E-05	5.2733	5.2733	0.65615	1.10719	1.10719	12.9583	10.5966	0.726885	1
cg00499248	0.319848	0.778643	-1.28429	0.887444	1.03507	1.03507	0.000219296	0.223274	-4.4788	0.0407823	0.562809	-1.7768	9.01003	8.45392	0.834026	1
cg24023258	0.157726	1.52396	1.52396	0.00663968	0.374354	-2.67127	0.927213	1.02581	1.02581	0.0550341	0.545115	-1.83447	6.45093	7.94753	1.09511	1
cg16809304	0.0293613	0.171486	-5.83138	0.0194549	0.143569	-6.96527	0.0182209	0.139533	-7.16679	0.0221172	0.151781	-6.58844	5.33519	39.8917	6.6463	1
cg09027685	0.559352	0.832322	-1.20146	0.0322172	0.458498	-2.18103	0.625898	0.858352	-1.16502	0.0412533	0.480958	-2.07918	4.40255	6.73909	1.36065	1
cg00497110	0.0312056	0.656071	-1.52422	0.009434	1.73072	1.73072	0.0166081	0.614052	-1.62853	0.713311	1.06345	1.06345	3.42248	1.50653	0.391277	1
cg11630226	0.0518986	0.284925	-3.5097	0.0253703	4.52011	4.52011	0.00778839	6.95402	6.95402	0.074911	3.08302	3.08302	4.04977	20.6651	4.53581	1
cg26976437	0.246032	1.61755	1.61755	0.0285466	2.78492	2.78492	0.0120474	3.4597	3.4597	0.441686	1.36476	1.36476	3.53995	8.80959	2.2121	1
cg10107725	0.0204194	4.13068	4.13068	0.000729968	13.5555	13.5555	0.00789964	5.63836	5.63836	0.0263823	3.80632	3.80632	6.51315	26.5815	3.62773	1
cg07293329	0.103101	0.71528	-1.39805	0.923216	0.982046	-1.01828	0.459411	1.15207	1.15207	0.490965	1.14051	1.14051	4.41946	2.47192	0.497179	1
cg14819504	0.232388	6.70756	6.70756	0.00698581	200.762	200.762	0.00775146	180.728	180.728	0.0200805	70.9865	70.9865	3.98377	145.715	32.5132	1
cg01092293	0.356516	2.32747	2.32747	0.00781768	20.9325	20.9325	0.0175676	13.1181	13.1181	0.0256836	10.5973	10.5973	3.76844	47.3612	11.1714	1
cg15026998	0.0154676	4.55651	4.55651	0.057892	2.98793	2.98793	0.0092511	5.39954	5.39954	0.0827682	2.66664	2.66664	3.61803	14.9347	3.6692	1
cg02908748	0.019254	0.303737	-3.29232	0.0219944	0.314668	-3.17795	0.197638	0.56377	-1.77377	0.0228196	0.317753	-3.1471	5.16956	14.5012	2.49342	1
cg15553155	0.00864813	0.296081	-3.37745	0.297822	1.48056	1.48056	0.436574	0.749326	-1.33453	0.0731716	0.48357	-2.06795	3.79432	7.94471	1.86119	1
cg16101278	0.152561	0.671355	-1.48952	0.265282	0.739413	-1.35242	0.286518	0.749901	-1.33351	0.190565	0.697363	-1.43397	3.53271	3.78362	0.952021	1
cg20162076	0.146379	1.21469	1.21469	0.00705193	1.5441	1.5441	0.000516201	0.508709	-1.96576	0.959154	1.00641	1.00641	12.2058	3.00818	0.219072	1
cg04222933	0.180678	0.670864	-1.49061	0.00154004	0.278168	-3.59495	0.000548643	0.221476	-4.51516	0.00658584	0.371244	-2.69364	9.81984	12.2663	1.11034	1
cg14176804	0.657233	0.905002	-1.10497	0.040585	1.69642	1.69642	0.0013082	0.351382	-2.8459	0.011908	0.495827	-2.01683	5.2804	4.17789	0.703295	1
cg13904520	0.821564	1.11627	1.11627	0.00979163	0.203877	-4.90492	0.0152761	0.234497	-4.26445	0.0101827	0.206432	-4.84422	4.31996	16.2213	3.33775	1
cg19529842	0.670004	1.08635	1.08635	2.34E-05	0.195411	-5.11742	0.0474048	0.645165	-1.54999	0.011676	0.543944	-1.83842	11.065	6.54242	0.525577	1
cg23732024	0.119476	0.30998	-3.22602	0.00282365	0.0577647	-17.3116	0.523076	0.638464	-1.56626	0.0543305	0.220093	-4.54354	5.3865	40.9999	6.76588	1
cg13213009	0.536262	0.689425	-1.45048	0.00617406	0.119923	-8.33866	0.991867	0.993966	-1.00607	0.0141765	0.165781	-6.03207	4.77689	26.6768	4.96405	1
cg16120709	0.0488035	0.62386	-1.60292	0.0221627	1.77731	1.77731	0.000330046	0.29649	-3.37279	0.00940217	0.50137	-1.99454	18.9268	13.1807	0.619024	1
cg18865207	0.118192	0.786426	-1.27157	0.0127936	0.645348	-1.54955	0.431281	0.89247	-1.12049	0.00270244	0.556015	-1.79851	13.2862	4.22081	0.282384	1
cg07106927	0.439764	0.801156	-1.2482	0.224892	1.43141	1.43141	7.73E-05	0.133448	-7.49358	0.368152	0.770985	-1.29704	10.5354	13.2093	1.11449	1
cg18920397	0.902028	1.02296	1.02296	0.0184253	1.69405	1.69405	0.000332814	0.343862	-2.90814	0.346016	0.836179	-1.19592	9.7937	5.27179	0.478475	1
cg18805892	0.0354779	0.614487	-1.62737	0.141774	1.36919	1.36919	0.00357788	0.456188	-2.19208	0.0777353	0.677096	-1.4769	6.33206	3.96759	0.556966	1
cg01367992	0.500353	1.34366	1.34366	0.0268054	0.322152	-3.10412	0.000950341	0.119179	-8.39077	0.00559028	0.207782	-4.81273	6.16364	18.2024	2.62506	1
cg14512089	0.116425	0.527445	-1.89593	0.652518	1.18526	1.18526	0.00563887	0.25608	-3.90503	0.788122	1.10629	1.10629	5.47082	12.1834	1.97953	1
cg06370667	0.0260511	0.380508	-2.62807	0.729602	0.880778	-1.13536	0.000523311	0.138333	-7.22893	0.0384226	0.415795	-2.40503	5.44472	11.5423	1.88436	1
cg21906083	0.0771381	0.805739	-1.2411	0.22455	1.15052	1.15052	0.060723	0.792643	-1.2616	0.0614959	0.793329	-1.26051	5.41166	1.03531	0.170054	1
cg11948252	0.125291	0.600223	-1.66605	0.174644	0.641333	-1.55925	0.0013556	0.238993	-4.18423	0.0990383	0.573279	-1.74435	4.82915	7.23942	1.33254	1
cg12810626	0.405848	0.463077	-2.15947	0.0040822	0.03053	-32.7547	0.020523	0.0799222	-12.5122	0.0203923	0.0796308	-12.558	4.80366	62.3505	11.5376	1
cg10316357	0.0473887	0.270616	-3.69527	0.118433	0.376543	-2.65574	0.00434828	0.111291	-8.98544	0.0730428	0.315994	-3.16462	3.78397	19.8976	4.67414	1
cg11159650	?	?	?	0.217631	1.42984	1.42984	0.0350995	1.96756	1.96756	0.0501627	1.85081	1.85081	8.42502	6.76099	1.06999	1
cg14245791	0.335634	0.710397	-1.40766	0.522016	1.25042	1.25042	0.989561	1.00452	1.00452	0.177619	0.610543	-1.63789	3.83094	7.19619	1.66973	1
cg08697297	0.64435	0.83208	-1.20181	0.433622	0.72908	-1.37159	0.393017	0.707495	-1.41344	0.136006	0.529772	-1.8876	3.76557	9.3266	2.20161	1
cg09648371	0.000150833	0.484836	-2.06255	0.00524659	1.50639	1.50639	0.1242	1.20353	1.20353	0.0134786	0.711494	-1.40549	20.3569	3.99259	0.174337	1
cg24749475	0.195908	0.785622	-1.27288	0.00327376	2.02815	2.02815	0.502733	0.886926	-1.12749	0.05703	0.683936	-1.46212	9.19066	4.53027	0.438152	1
cg20738928	0.0655986	1.7566	1.7566	0.392018	1.2701	1.2701	0.0647908	0.568085	-1.7603	0.309065	0.750495	-1.33245	3.53999	4.16781	1.04653	1
cg02964396	0.0073101	2.60766	2.60766	0.000115853	0.153727	-6.50504	0.000304202	5.08521	5.08521	0.00805486	2.56157	2.56157	17.7544	21.5935	1.0811	1
cg04432009	0.0570862	1.81004	1.81004	0.00646883	0.376888	-2.65331	0.0139062	2.31069	2.31069	0.0471528	1.87025	1.87025	5.44428	6.55043	1.06949	1
cg02011446	0.175196	1.57778	1.57778	0.00706702	0.332509	-3.00744	0.00345931	3.5097	3.5097	0.0632841	1.93602	1.93602	5.21523	8.2633	1.4084	1
cg18801945	0.934578	0.971137	-1.02972	0.43608	1.32771	1.32771	0.818673	1.08537	1.08537	0.0835551	0.50497	-1.98032	5.1355	10.3509	1.79161	1
cg18248284	0.936175	1.0226	1.0226	0.111439	1.62223	1.62223	0.352911	1.30569	1.30569	0.162197	0.6594	-1.51653	4.36092	5.37792	1.09618	1
cg09761040	0.0500202	2.99741	2.99741	0.00864741	5.17731	5.17731	0.0102749	4.89777	4.89777	0.274629	1.74777	1.74777	3.73763	14.2828	3.39675	1
cg12650490	0.0533161	1.9403	1.9403	0.00322512	3.3652	3.3652	0.020828	2.31626	2.31626	0.267838	1.41698	1.41698	3.5566	5.13581	1.28357	1
cg15013019	0.867891	1.05057	1.05057	0.0014276	0.254845	-3.92396	0.811986	1.07317	1.07317	0.937063	1.02368	1.02368	3.4015	4.7312	1.23637	1
cg03388786	0.24984	0.809911	-1.2347	0.0293976	1.56793	1.56793	0.953915	1.01018	1.01018	0.021355	1.62403	1.62403	18.2773	8.89666	0.432677	1
cg21301224	0.0328198	0.486033	-2.05748	0.00866626	0.380263	-2.62976	0.052398	1.89166	1.89166	0.00399302	0.326892	-3.05911	12.9835	17.1705	1.17554	1
cg08621168	0.106671	0.698819	-1.43098	0.0355082	0.607767	-1.64537	0.772336	0.94269	-1.06079	0.00209916	0.414672	-2.41155	9.37325	6.14407	0.582657	1
cg06248767	0.40125	0.643097	-1.55498	0.307513	1.72077	1.72077	0.345465	1.6475	1.6475	0.0343606	3.55454	3.55454	8.17503	34.184	3.7169	1
cg04132540	0.186696	0.679263	-1.47218	0.332538	0.758658	-1.31812	0.390401	0.784138	-1.27529	0.468289	0.815548	-1.22617	5.62699	6.80368	1.07477	1
cg17643864	0.843048	1.10338	1.10338	0.0454069	3.12336	3.12336	0.232174	1.86235	1.86235	0.0897557	2.53003	2.53003	5.04018	19.6604	3.46732	1
cg12929040	0.672276	0.953112	-1.04919	0.00060239	0.550382	-1.81692	0.826242	1.02512	1.02512	0.676326	1.04853	1.04853	4.44271	0.896282	0.179326	1
cg11982546	0.873388	1.06797	1.06797	0.815185	1.10137	1.10137	0.0322597	2.81233	2.81233	0.721552	0.862804	-1.15901	3.7601	10.1267	2.39397	1
cg02508743	0.277216	1.33878	1.33878	0.0104428	2.29868	2.29868	0.287831	1.32964	1.32964	0.228703	0.721698	-1.38562	3.6477	3.85074	0.938366	1
cg03359337	0.180154	1.60707	1.60707	0.0554657	2.06162	2.06162	0.039543	2.21121	2.21121	0.703541	1.13591	1.13591	3.56347	6.2699	1.564	1
cg10210076	0.784446	1.03711	1.03711	0.000218952	0.440959	-2.26778	7.35E-05	0.383638	-2.60662	0.000156148	0.423079	-2.36362	29.3807	8.21762	0.248617	1
cg16737416	0.913395	1.01825	1.01825	0.405564	0.86806	-1.15199	0.00737034	0.563156	-1.77571	0.20221	1.25094	1.25094	6.6339	2.90495	0.38924	1
cg02415014	0.0228941	2.2696	2.2696	0.0881516	0.567476	-1.76219	0.00266565	0.286284	-3.49304	0.812484	0.930948	-1.07417	5.8797	8.44179	1.27622	1
cg10555383	0.839116	1.06481	1.06481	0.0337848	2.15037	2.15037	0.0259612	2.26247	2.26247	0.866258	1.05344	1.05344	4.29681	6.49291	1.3432	1
cg24046110	0.00343879	1.43359	1.43359	0.136376	0.864625	-1.15657	0.730793	0.969178	-1.0318	0.350764	0.916629	-1.09095	10.1798	1.32462	0.115665	1
cg05072100	0.867325	1.03909	1.03909	0.0650495	0.621856	-1.60809	0.928686	1.02074	1.02074	0.000631414	3.33508	3.33508	4.99716	4.16198	0.740329	1
cg00801134	0.265543	0.845801	-1.18231	0.0972816	1.30038	1.30038	0.66625	0.939289	-1.06464	0.322516	0.862858	-1.15894	4.00397	1.32117	0.293303	1
cg17888033	0.0020643	2.52879	2.52879	0.366605	1.21934	1.21934	0.683769	0.916164	-1.09151	0.00114911	2.77788	2.77788	6.34218	4.5917	0.643551	1
cg05569086	0.00600201	1.45426	1.45426	0.0959481	0.826383	-1.21009	0.640507	0.952131	-1.05028	0.0731891	1.2317	1.2317	6.06488	1.04485	0.153136	1
cg00937742	0.0175655	0.26861	-3.72286	0.000350167	0.0732313	-13.6554	0.0368876	0.331974	-3.01228	0.00759749	0.209775	-4.76701	10.4168	34.141	2.91331	1
cg15506477	0.18459	0.787324	-1.27013	0.00138097	0.454697	-2.19927	0.090206	0.728128	-1.37338	0.08463	1.38276	1.38276	9.94255	4.54645	0.406464	1
cg11812233	0.724902	1.14653	1.14653	0.00889279	0.275717	-3.62691	0.670169	0.847207	-1.18035	0.0832077	0.476044	-2.10065	8.04224	19.0774	2.10858	1
cg23724641	0.293646	0.764825	-1.30749	7.84E-05	0.172362	-5.80174	0.760226	0.92743	-1.07825	0.810179	0.942494	-1.06101	7.95184	7.62896	0.852796	1
cg20273260	0.0698018	0.417999	-2.39235	0.000626996	0.104137	-9.6027	0.00692981	0.222412	-4.49616	0.0193413	0.296171	-3.37643	7.56628	22.1772	2.60538	1
cg04120400	0.0242696	0.389402	-2.56804	0.000279041	0.123963	-8.06695	0.0537822	2.15772	2.15772	0.298708	0.68503	-1.45979	7.1135	13.8959	1.73641	1
cg08613144	0.864217	1.06324	1.06324	0.000865011	0.166723	-5.99798	0.020399	0.367381	-2.72197	0.15963	0.583674	-1.71328	4.97625	10.1169	1.80715	1
cg22617682	0.00670353	0.440694	-2.26915	0.240857	0.75118	-1.33124	0.458975	0.838866	-1.19209	0.446015	0.834427	-1.19843	12.1545	10.4523	0.7644	1
cg18493182	0.0367606	1.66475	1.66475	0.005813	2.13584	2.13584	0.640975	0.906048	-1.10369	0.951099	1.01297	1.01297	3.84676	2.68869	0.621288	1
cg04311964	0.0240131	1.72804	1.72804	0.0436804	1.59728	1.59728	0.0325403	0.602436	-1.65993	0.378859	0.836062	-1.19608	6.03024	3.64877	0.470617	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23090606	LYPD3	4.54E-05	2.49E-05	4.58052	4.58052	2.04E-05	4.7766	4.7766	0.976858	1.00528	1.00528	0.0566905	0.675851	-1.47962	0.000912751	0.406386	-2.46071
cg03305036	LYPD3	0.00148835	0.802515	1.09344	1.09344	0.703804	0.872695	-1.14588	0.0777132	0.497112	-2.01162	0.813127	1.08809	1.08809	0.000813079	0.165309	-6.04927
cg24950222	LYPD3	0.00380409	0.000706055	5.75924	5.75924	0.000533496	6.22392	6.22392	0.27423	1.4709	1.4709	0.512348	1.2528	1.2528	0.0480211	2.15238	2.15238
cg04259907	LYPD3	0.0148435	0.00712928	5.37762	5.37762	0.0076541	5.25606	5.25606	0.392198	1.52854	1.52854	0.193778	1.94555	1.94555	0.0206866	3.85196	3.85196
cg19397703	LYPD3	0.0276296	0.548356	1.444	1.444	0.158966	2.4861	2.4861	0.745344	1.21792	1.21792	0.278385	0.505688	-1.97751	0.125514	0.366779	-2.72644
cg11564519	LYPD3	0.0343907	0.243929	1.90497	1.90497	0.404017	0.636745	-1.57049	0.069642	2.92303	2.92303	0.0868374	0.367988	-2.71748	0.879104	1.08379	1.08379
cg07643267	LYPD3;LYPD3	0.0379494	0.144573	1.71166	1.71166	0.0153151	2.77592	2.77592	0.641263	1.17461	1.17461	0.867397	1.05899	1.05899	0.196296	1.59777	1.59777
cg07959016	LYPD4	2.60E-06	0.0192459	0.529037	-1.89023	0.00524789	0.437004	-2.28831	1.36E-05	0.129426	-7.72642	0.457902	1.18526	1.18526	2.94E-06	0.0813738	-12.289
cg15766687	LYPD4	0.00329074	0.0312158	0.432011	-2.31476	0.0127821	0.358127	-2.79231	0.00197527	0.234256	-4.26884	0.0532587	0.482375	-2.07308	0.0453276	0.466604	-2.14314
cg17347810	LYPD4;DMRTC2	9.76E-05	0.191363	1.42287	1.42287	0.589053	1.14918	1.14918	0.00150758	0.311713	-3.20808	0.198977	1.41346	1.41346	0.000140891	0.187304	-5.33892
cg07890457	LYPD4;DMRTC2	0.000122026	0.448337	1.18985	1.18985	0.000132701	0.225196	-4.44057	0.237643	0.757077	-1.32087	0.115019	0.6801	-1.47037	4.59E-06	0.0938267	-10.658
cg21557875	LYPD4;DMRTC2	0.00344308	0.716144	0.944576	-1.05868	0.680568	1.06677	1.06677	0.234062	0.823014	-1.21505	0.000643935	0.441473	-2.26515	0.052787	0.709121	-1.4102
cg11849132	LYPD4;DMRTC2	0.0136946	0.285506	1.43926	1.43926	0.0828159	0.532309	-1.87861	0.442281	0.773235	-1.29327	0.0334124	0.442234	-2.26125	0.00805199	0.32815	-3.04738
cg03117556	LYPD4;DMRTC2;DMRTC2	0.00504289	0.145293	1.45508	1.45508	0.00361516	2.57173	2.57173	0.668218	0.901763	-1.10894	0.302382	1.29205	1.29205	0.00052278	0.273387	-3.65782
cg09301254	LYPD4;LYPD4;DMRTC2	0.000736036	0.404873	1.17254	1.17254	0.0120272	1.795	1.795	0.0513623	0.660786	-1.51335	0.177017	1.30735	1.30735	8.33E-05	0.266374	-3.75412
cg03955483	LYPD5	0.000163922	0.00784571	0.550253	-1.81735	0.13284	0.752809	-1.32836	0.0875905	1.39122	1.39122	3.91E-05	0.251901	-3.96982	0.00405146	0.508776	-1.9655
cg14794281	LYPD5	0.000407544	0.330784	0.829465	-1.2056	0.00103906	0.404602	-2.47157	0.842854	0.963693	-1.03767	0.30653	0.820989	-1.21804	0.00463762	0.495738	-2.0172
cg15634398	LYPD5	0.000843116	0.202909	0.61787	-1.61846	0.00468425	0.260137	-3.84413	0.00129373	5.361	5.361	0.086817	0.507912	-1.96885	0.0216042	0.372268	-2.68624
cg17711567	LYPD5	0.000990474	0.00572521	0.419194	-2.38553	0.0208931	0.513173	-1.94866	0.0110556	2.14863	2.14863	0.128431	0.674089	-1.48348	0.0019376	0.349049	-2.86492
cg14733720	LYPD5	0.00169267	0.0105009	0.404602	-2.47157	0.134775	0.635687	-1.5731	0.00992796	2.49711	2.49711	0.0776223	0.576309	-1.73518	0.00339413	0.326568	-3.06214
cg12768605	LYPD5	0.00222281	0.0178038	0.35074	-2.85111	0.0123891	0.322357	-3.10215	0.0180285	2.84287	2.84287	0.295434	0.67397	-1.48375	0.00431583	0.249681	-4.00512
cg08561856	LYPD5	0.0025084	0.0266864	0.237667	-4.20757	?	?	?	0.0103438	5.85599	5.85599	0.541457	0.713031	-1.40246	0.00118804	0.0742187	-13.4737
cg02631462	LYPD5	0.00482013	0.0840232	0.501049	-1.99581	0.0947114	0.514854	-1.9423	0.651765	1.17848	1.17848	0.642424	0.844493	-1.18414	0.139559	0.562873	-1.7766
cg25732462	LYPD5	0.0200731	0.292259	0.58339	-1.71412	0.108464	0.421665	-2.37155	0.071429	2.69908	2.69908	0.231424	0.538456	-1.85716	0.339942	0.615667	-1.62425
cg21496419	LYPD5;LYPD5	3.59E-05	0.000952392	0.451749	-2.21362	8.80E-05	3.10843	3.10843	0.00185328	0.490179	-2.04007	0.00144771	0.475822	-2.10162	0.322826	0.848068	-1.17915
cg04590610	LYPD5;LYPD5	0.00246931	0.00193321	2.51945	2.51945	0.0459278	1.61908	1.61908	0.0141788	1.89153	1.89153	0.0286041	1.72277	1.72277	0.00281084	2.37968	2.37968
cg11898486	LYPD5;LYPD5	0.00570919	0.938039	0.96216	-1.03933	0.167943	0.482319	-2.07332	0.00162894	9.39139	9.39139	0.372143	1.5756	1.5756	0.0496389	0.329159	-3.03805
cg16900980	LYPD5;LYPD5	0.00921779	0.0208732	7.55929	7.55929	0.00561917	14.0795	14.0795	0.553415	1.54676	1.54676	0.205745	2.64094	2.64094	0.0231682	0.138764	-7.20646
cg26373179	LYPD5;LYPD5	0.0103451	0.0166824	0.443735	-2.2536	0.0806122	1.71388	1.71388	0.289047	0.736394	-1.35797	0.061273	0.556377	-1.79734	0.00873348	0.394987	-2.53173
cg11993925	LYPD5;LYPD5	0.0214308	0.00351252	0.218652	-4.57348	0.378918	0.707044	-1.41434	0.0495677	0.422996	-2.36409	0.745074	1.13348	1.13348	0.00770615	0.268538	-3.72386
cg09253581	LYPD5;LYPD5	0.0302035	0.0454759	6.21921	6.21921	0.0179552	9.88582	9.88582	0.348958	2.15591	2.15591	0.203091	2.9167	2.9167	0.123792	0.265002	-3.77356
cg03197758	LYPD5;LYPD5	0.0398338	0.0280597	0.245058	-4.08067	0.0330097	0.258904	-3.86243	0.803996	1.14428	1.14428	0.668406	1.26308	1.26308	0.723518	0.824881	-1.2123
cg12072164	LYPD5;LYPD5;LYPD5	0.00294746	0.00503613	2.73971	2.73971	0.0464763	0.538187	-1.85809	0.628503	1.14163	1.14163	0.00777033	0.395092	-2.53105	0.156997	1.50865	1.50865
cg14335275	LYPD6	2.67E-06	0.0295611	0.641615	-1.55857	0.0504869	1.47123	1.47123	2.66E-08	34.6317	34.6317	0.06555	1.43045	1.43045	0.118976	0.745944	-1.34058
cg09044290	LYPD6	1.65E-05	1.32E-05	0.301038	-3.32184	0.0384746	0.729676	-1.37047	0.149718	1.22507	1.22507	0.100011	1.26729	1.26729	4.73E-07	0.155549	-6.42886
cg10770187	LYPD6	0.000333164	0.281785	1.87667	1.87667	0.357249	0.586933	-1.70377	6.05E-06	300.805	300.805	?	?	?	0.034117	0.248694	-4.02101
cg13793854	LYPD6	0.000427198	0.0177362	0.392226	-2.54955	0.0146497	0.377011	-2.65244	0.00198346	0.242219	-4.1285	0.0444573	0.472772	-2.11518	0.000237877	0.13867	-7.21134
cg09500672	LYPD6	0.0102443	0.00306104	1.23308	1.23308	0.211896	1.07029	1.07029	0.0292404	1.14191	1.14191	0.662467	0.977566	-1.02295	0.0035256	1.22675	1.22675
cg16435469	LYPD6	0.0147672	0.0260378	1.43901	1.43901	0.557842	0.92158	-1.08509	0.142128	1.2429	1.2429	0.301582	0.862884	-1.1589	0.137737	1.24637	1.24637
cg02183373	LYPD6	0.0233696	0.138006	0.767906	-1.30224	0.174307	0.787452	-1.26992	0.799439	0.958776	-1.043	0.00175166	2.09068	2.09068	0.339299	0.849714	-1.17687
cg14760010	LYPD6	0.0241389	0.195479	1.37804	1.37804	0.0241456	0.532743	-1.87708	0.03997	0.573478	-1.74375	0.503782	1.17222	1.17222	0.509864	0.855068	-1.1695
cg20202016	LYPD6	0.03952	0.0457308	0.267267	-3.74158	0.0219126	4.87479	4.87479	0.233481	2.05366	2.05366	0.0272135	4.50742	4.50742	0.133784	0.393927	-2.53854
cg07413941	LYPD6B	9.01E-06	9.06E-08	0.0285894	-34.9779	0.0104481	1.92424	1.92424	0.0592575	1.54094	1.54094	0.595887	1.1148	1.1148	0.0154542	0.547017	-1.8281
cg05874148	LYPD6B	7.14E-05	0.15897	1.16977	1.16977	0.0046934	0.676089	-1.4791	0.00156994	1.60492	1.60492	0.214653	1.14576	1.14576	2.37E-06	0.302435	-3.3065
cg15359180	LYPD6B	0.000115726	0.766757	1.04749	1.04749	0.259791	0.83248	-1.20123	0.579492	1.09123	1.09123	0.421282	0.879733	-1.13671	0.0930823	1.33397	1.33397
cg10332649	LYPD6B	0.000998495	0.0138802	1.70276	1.70276	0.34301	1.18654	1.18654	0.0157575	0.595688	-1.67873	0.076735	0.708456	-1.41152	0.00123665	0.437445	-2.286
cg00539049	LYPD6B	0.00195518	0.0265144	2.07847	2.07847	0.00182848	3.42773	3.42773	0.392061	0.783543	-1.27625	0.0319818	2.01184	2.01184	0.0332913	1.99789	1.99789
cg19177884	LYPD6B	0.00907989	0.0460825	0.559991	-1.78574	0.532243	0.85173	-1.17408	0.0693161	0.597222	-1.67442	0.0569121	1.72734	1.72734	0.00184714	0.325804	-3.06933
cg15771336	LYPD6B	0.0190371	0.0754266	0.769505	-1.29954	0.0605095	1.32337	1.32337	0.16029	0.819902	-1.21966	0.267029	0.858068	-1.16541	0.148107	0.81434	-1.22799
cg06574335	LYPD6B	0.0287776	0.0680722	0.526404	-1.89968	0.00758939	2.93988	2.93988	0.780693	1.09161	1.09161	0.689722	1.13432	1.13432	0.700912	0.885855	-1.12885
cg12931682	LYPD6B	0.0319975	0.00602497	0.378453	-2.64234	0.861883	1.04829	1.04829	0.00792117	0.397654	-2.51475	0.603739	1.15234	1.15234	0.667702	0.889626	-1.12407
cg04211175	LYPD6B	0.0340151	0.143458	2.11481	2.11481	0.105706	2.32086	2.32086	0.498148	0.720632	-1.38767	0.162071	2.03643	2.03643	0.067691	0.377159	-2.6514
cg23318986	LYPD6B;LYPD6B	0.0465202	0.156858	0.643674	-1.55358	0.0684302	0.55236	-1.81041	0.481177	0.81194	-1.23162	0.263427	0.712333	-1.40384	0.000981193	0.240269	-4.162
cg07669234	LYPLA1	0.00106878	0.0019293	0.408779	-2.44631	0.00361044	0.447977	-2.23226	0.00820698	0.501898	-1.99243	0.0555824	0.642631	-1.5561	0.000100935	0.245418	-4.07468
cg24144687	LYPLA1	0.00360355	0.291667	1.19899	1.19899	0.816963	1.0392	1.0392	0.938509	0.987285	-1.01288	0.552813	0.905206	-1.10472	0.700526	0.937912	-1.0662
cg19906599	LYPLA1	0.00389288	0.309225	0.81445	-1.22782	0.850007	0.96375	-1.03761	0.455501	1.1598	1.1598	0.000186019	3.42372	3.42372	0.145508	0.737251	-1.35639
cg20916578	LYPLA1	0.0139092	0.167534	1.45013	1.45013	0.096315	0.630458	-1.58615	0.65722	0.893305	-1.11944	0.0570409	1.72284	1.72284	0.0685463	0.59744	-1.67381
cg12021926	LYPLA1	0.0163667	0.489751	0.919491	-1.08756	0.229089	0.859859	-1.16298	0.0329813	0.742066	-1.34759	0.113939	0.814056	-1.22842	0.00104432	0.559622	-1.78692
cg01911395	LYPLA1	0.0170221	0.309966	1.21573	1.21573	0.0180486	0.586216	-1.70586	0.983282	0.996112	-1.0039	0.720419	0.935362	-1.0691	0.146093	1.33659	1.33659
cg18799069	LYPLA1	0.0184696	0.628199	0.8287	-1.20671	0.00826638	0.272431	-3.67066	0.0638389	0.448367	-2.23031	0.847352	1.07703	1.07703	0.0154943	0.318736	-3.13739
cg06878388	LYPLA2	0.000134918	4.56E-06	0.209143	-4.78142	0.12296	1.28194	1.28194	0.208301	1.21794	1.21794	0.516599	0.906885	-1.10268	0.159566	0.799806	-1.2503
cg14511586	LYPLA2	0.000152173	0.00387418	0.490657	-2.03808	0.0051734	1.96519	1.96519	0.00981807	0.55024	-1.81739	0.570902	1.11051	1.11051	0.00336954	0.481973	-2.07481
cg22166883	LYPLA2	0.0110349	0.498613	0.757447	-1.32022	0.0485084	0.401932	-2.48798	0.953135	1.02405	1.02405	0.926657	0.963451	-1.03794	0.00339867	0.199829	-5.00429
cg01587771	LYPLA2	0.0127246	0.364708	0.801271	-1.24802	0.557337	0.868343	-1.15162	0.0815937	1.5827	1.5827	0.000338836	0.25317	-3.94992	0.383745	1.23671	1.23671
cg07167185	LYPLA2	0.0218714	0.798942	1.07957	1.07957	0.280546	1.39998	1.39998	0.189839	0.659326	-1.5167	0.181264	1.53071	1.53071	0.0568555	0.523875	-1.90885
cg10955293	LYPLA2	0.0432244	0.573687	0.92919	-1.07621	0.124294	0.80654	-1.23986	0.725138	1.04666	1.04666	0.449231	0.905183	-1.10475	0.0803452	0.778335	-1.28479
cg04019011	LYPLA2P1	0.0349271	0.0445726	0.598773	-1.67008	0.0277712	1.78316	1.78316	0.517145	0.864124	-1.15724	0.502875	0.859679	-1.16322	0.0120515	0.498466	-2.00615
cg07906688	LYPLAL1	0.00100368	0.857514	0.976693	-1.02386	0.865688	0.978031	-1.02246	0.672983	0.945817	-1.05729	0.00280991	1.71633	1.71633	0.235334	1.17728	1.17728
cg07175582	LYPLAL1	0.00277852	0.00262916	0.275266	-3.63285	0.280619	0.706499	-1.41543	0.0330562	0.462039	-2.16432	0.00104449	0.222406	-4.49629	0.00397206	0.301236	-3.31966
cg07395436	LYPLAL1	0.0121742	0.49599	0.886713	-1.12776	0.0262875	0.632307	-1.58151	0.00526892	0.527354	-1.89626	0.0851502	1.39245	1.39245	0.360583	0.849185	-1.1776
cg07368265	LYPLAL1	0.0207392	0.16458	1.47489	1.47489	0.00861695	0.415677	-2.40571	0.0263926	0.501587	-1.99367	0.16545	0.678631	-1.47355	0.223576	0.715266	-1.39808
cg05062446	LYPLAL1	0.0275112	0.13983	0.755167	-1.32421	0.3168	0.832826	-1.20073	0.379408	1.1728	1.1728	0.851526	0.967422	-1.03368	0.00377964	0.501216	-1.99515
cg02665570	LYPLAL1	0.0314315	0.782722	1.05106	1.05106	0.0124513	0.571083	-1.75106	0.241876	1.24691	1.24691	0.0169617	1.68969	1.68969	0.140309	0.751422	-1.33081
cg10336568	LYRM1;DCUN1D3;LYRM1;LYRM1	0.0047791	0.0480389	0.782333	-1.27823	0.00113336	1.68238	1.68238	0.184033	0.858066	-1.16541	0.0165941	1.3741	1.3741	0.219071	1.15073	1.15073
cg01626569	LYRM1;DCUN1D3;LYRM1;LYRM1	0.00976411	0.00328062	0.593786	-1.68411	0.992272	0.998741	-1.00126	0.501176	0.915015	-1.09288	0.98127	0.996951	-1.00306	0.256393	0.857176	-1.16662
cg10618159	LYRM1;DCUN1D3;LYRM1;LYRM1	0.0216204	0.753462	0.955186	-1.04692	0.0245381	1.47666	1.47666	0.0222863	0.671266	-1.48972	0.269057	0.845776	-1.18235	0.0236342	0.674883	-1.48174
cg09343327	LYRM1;DCUN1D3;LYRM1;LYRM1	0.0221048	0.309115	1.45575	1.45575	0.00878997	3.28837	3.28837	0.0816145	1.99081	1.99081	0.905535	0.958531	-1.04326	0.111177	1.85721	1.85721
cg02026475	LYRM1;LYRM1;DCUN1D3;LYRM1;LYRM1;LYRM1	0.00378724	0.243739	1.19226	1.19226	0.908462	0.983553	-1.01672	0.258275	1.18539	1.18539	0.368836	1.14234	1.14234	0.529788	1.09612	1.09612
cg26923810	LYRM1;LYRM1;LYRM1	0.0170962	0.121533	0.538601	-1.85666	0.202503	0.608967	-1.64213	0.0201114	0.355735	-2.81108	0.0177786	0.345641	-2.89317	0.0245501	0.372589	-2.68393
cg10084509	LYRM1;LYRM1;LYRM1	0.0314604	0.547834	1.15944	1.15944	0.00268625	0.364524	-2.74331	0.603538	0.880343	-1.13592	0.860766	1.04363	1.04363	0.059866	1.6761	1.6761
cg08690976	LYRM2;LYRM2;LYRM2;LYRM2	4.15E-05	4.67E-05	0.231592	-4.31794	0.00092188	0.38966	-2.56634	0.017801	0.577769	-1.7308	0.534957	1.12709	1.12709	6.91E-05	0.250429	-3.99314
cg11240327	LYRM2;LYRM2;LYRM2;LYRM2	0.00233106	0.018234	2.04842	2.04842	0.72059	0.91979	-1.0872	0.000693441	0.240728	-4.15407	0.00776722	2.3988	2.3988	0.042472	1.77276	1.77276
cg17329422	LYRM2;LYRM2;LYRM2;LYRM2	0.00371246	0.267986	1.26429	1.26429	0.0727398	0.66573	-1.50211	0.757708	0.939047	-1.06491	0.00816374	1.98985	1.98985	0.000239236	0.290534	-3.44194
cg04843946	LYRM2;LYRM2;LYRM2;LYRM2	0.00402208	0.71466	0.954232	-1.04796	0.189438	0.837487	-1.19405	0.609923	0.93646	-1.06785	0.0700244	1.29492	1.29492	0.369607	1.12475	1.12475
cg12849807	LYRM2;LYRM2;LYRM2;LYRM2	0.0104475	0.183056	1.2758	1.2758	0.301413	1.20274	1.20274	0.105525	1.35647	1.35647	0.483154	0.884376	-1.13074	0.0758214	0.711281	-1.40592
cg20011833	LYRM2;LYRM2;LYRM2;LYRM2	0.0227322	0.642829	0.932019	-1.07294	0.237064	1.20531	1.20531	0.158136	1.25541	1.25541	0.720906	0.947358	-1.05557	0.0033325	1.82641	1.82641
cg25134683	LYRM2;LYRM2;LYRM2;LYRM2	0.0327582	0.0753985	0.647171	-1.54519	0.00903452	2.07409	2.07409	0.00571097	2.21821	2.21821	0.904077	1.02686	1.02686	0.402653	0.828388	-1.20716
cg27642643	LYRM2;LYRM2;LYRM2;LYRM2;LYRM2	0.00299238	0.266052	1.13472	1.13472	0.00032222	1.88619	1.88619	0.00367961	1.53448	1.53448	0.0126661	0.713231	-1.40207	0.293635	0.887983	-1.12615
cg05329576	LYRM4;FARS2;LYRM4;LYRM4	1.15E-05	0.000191615	0.640158	-1.56212	3.44E-05	1.76644	1.76644	0.000298684	1.51857	1.51857	0.754604	0.977986	-1.02251	0.000224509	0.646746	-1.5462
cg17107193	LYRM4;FARS2;LYRM4;LYRM4	0.000348276	0.0189861	0.740276	-1.35085	0.0842867	1.22411	1.22411	0.146712	1.1793	1.1793	0.162206	1.17117	1.17117	0.00538737	0.678459	-1.47393
cg15669273	LYRM4;FARS2;LYRM4;LYRM4	0.00398072	0.269007	1.09732	1.09732	0.656672	0.964552	-1.03675	0.277612	1.09536	1.09536	0.683609	1.03361	1.03361	0.0972331	0.863445	-1.15815
cg14242460	LYRM4;FARS2;LYRM4;LYRM4	0.0301293	0.715521	0.956244	-1.04576	0.034696	0.740101	-1.35117	0.536894	1.07943	1.07943	0.950906	0.992502	-1.00755	0.0013845	0.567372	-1.76251
cg11983857	LYRM4;LYRM4	0.00364736	0.672754	0.894144	-1.11839	0.00021523	0.196547	-5.08784	0.015769	0.458807	-2.17957	0.0960124	1.61841	1.61841	0.0273175	0.502704	-1.98924
cg20529787	LYRM4;LYRM4	0.00422008	0.165298	1.22093	1.22093	0.0457373	0.734232	-1.36197	0.00124429	1.88948	1.88948	0.00319433	0.581019	-1.72111	0.0597135	1.33188	1.33188
cg22889316	LYRM4;LYRM4	0.0093831	0.820171	1.036	1.036	0.934228	1.0129	1.0129	0.00778073	0.588163	-1.70021	0.236652	0.824828	-1.21237	0.0812172	0.740646	-1.35017
cg04190475	LYRM4;LYRM4	0.0105074	0.0352145	1.44041	1.44041	0.846395	0.971558	-1.02927	0.131357	0.784795	-1.27422	0.449822	1.12139	1.12139	0.44376	0.890328	-1.12318
cg12306343	LYRM4;LYRM4	0.0220567	0.246667	1.2466	1.2466	0.00157889	0.437975	-2.28323	0.0270053	0.620988	-1.61034	0.757233	0.945145	-1.05804	0.548199	1.1169	1.1169
cg19080053	LYRM4;LYRM4	0.0484529	0.0391808	0.270388	-3.69839	0.335012	1.72438	1.72438	0.785497	1.16126	1.16126	0.086247	0.353895	-2.8257	0.0385498	0.268896	-3.7189
cg26165608	LYRM4;LYRM4;FARS2;LYRM4;FARS2	0.00630997	0.263863	0.906293	-1.1034	0.000913505	1.5201	1.5201	0.0780642	1.17986	1.17986	0.275483	0.908607	-1.10059	0.395028	0.929051	-1.07637
cg09611852	LYRM4;LYRM4;LYRM4	0.00740991	0.0487052	0.60311	-1.65807	0.0121948	0.495844	-2.01676	0.695919	1.09223	1.09223	0.0866244	0.653708	-1.52974	0.00697079	0.456605	-2.19008
cg08984996	LYRM4;LYRM4;LYRM4	0.00781081	0.451124	0.823904	-1.21373	0.0465502	0.562661	-1.77727	0.0275191	0.518069	-1.93025	0.806986	0.940114	-1.0637	0.715194	0.911691	-1.09686
cg06821789	LYRM5	0.000266055	0.0339096	1.32663	1.32663	6.00E-06	0.313883	-3.1859	0.00199969	0.6078	-1.64528	0.0561329	0.78122	-1.28005	0.19403	0.854848	-1.1698
cg03259742	LYRM5	0.0177535	0.608845	0.861238	-1.16112	0.693868	0.891813	-1.12131	0.504214	0.821879	-1.21672	0.509193	1.21387	1.21387	0.0033486	0.314893	-3.17569
cg13707337	LYRM5;CASC1;CASC1;CASC1	0.00595393	0.439063	0.828278	-1.20732	0.00576024	2.37224	2.37224	0.0550995	1.68065	1.68065	0.00177458	2.89347	2.89347	0.207434	0.72807	-1.37349
cg12585028	LYRM5;CASC1;CASC1;CASC1	0.0250023	0.268254	0.717579	-1.39357	0.0698461	1.79218	1.79218	0.04868	1.91176	1.91176	0.0258166	2.14196	2.14196	0.00785717	0.374709	-2.66874
cg00493755	LYRM5;CASC1;CASC1;LYRM5;CASC1	0.00483818	0.111714	1.88068	1.88068	0.925871	1.03452	1.03452	0.920536	0.964269	-1.03705	0.0206427	0.361905	-2.76316	0.237141	1.57083	1.57083
cg17367996	LYRM7	1.10E-05	0.74412	0.941608	-1.06201	0.452451	0.868827	-1.15098	3.70E-07	0.0682254	-14.6573	0.00238684	2.1765	2.1765	0.0286607	1.60671	1.60671
cg13386215	LYRM7	0.00311898	0.611992	1.10404	1.10404	0.00233286	0.439372	-2.27598	0.0385696	0.628965	-1.58991	0.00264123	0.447039	-2.23694	0.00148898	0.412093	-2.42664
cg10838757	LYRM7	0.0269796	0.00128823	0.38723	-2.58244	0.648623	0.911391	-1.09722	0.914001	0.978389	-1.02209	0.422189	0.847203	-1.18035	0.086491	0.681829	-1.46664
cg25306932	LYSMD1;LYSMD1	0.0054882	0.535221	1.15063	1.15063	0.206493	0.742508	-1.34679	0.16433	0.717815	-1.39312	0.0056735	0.444494	-2.24975	0.000860832	0.326906	-3.05898
cg22012230	LYSMD1;LYSMD1;SCNM1	0.0456717	0.0574027	0.425303	-2.35126	0.531826	1.28648	1.28648	0.690674	1.17247	1.17247	0.301664	0.653336	-1.53061	0.599688	1.2345	1.2345
cg07429591	LYSMD1;SCNM1	0.00615543	0.0104642	0.228545	-4.37551	0.0328385	0.318728	-3.13747	0.204635	0.541688	-1.84608	0.388487	1.49902	1.49902	0.00374415	0.166496	-6.00616
cg13199219	LYSMD2;LYSMD2	0.00759626	0.846836	0.963376	-1.03802	0.0137546	0.555624	-1.79978	0.824828	0.95813	-1.0437	0.786067	1.05389	1.05389	0.0059189	0.499262	-2.00296
cg16695354	LYSMD2;LYSMD2;LYSMD2	0.0237972	0.0560838	1.34143	1.34143	0.544248	1.08689	1.08689	0.514435	1.0939	1.0939	0.566908	1.08174	1.08174	0.00141571	1.87219	1.87219
cg11661523	LYSMD2;LYSMD2;TMOD2;TMOD2	0.035019	0.143002	0.805598	-1.24131	0.559131	1.0845	1.0845	0.978889	1.00364	1.00364	0.0440302	1.37406	1.37406	0.199352	1.20468	1.20468
cg27342194	LYSMD2;TMOD2;TMOD2	0.0391339	0.0495649	0.696271	-1.43622	0.606533	1.08757	1.08757	0.275076	1.20139	1.20139	0.44836	0.882634	-1.13297	0.187329	1.25333	1.25333
cg06314568	LYSMD2;TMOD2;TMOD2;LYSMD2	0.0326809	0.840843	1.04388	1.04388	0.0047397	2.22802	2.22802	0.95328	1.01259	1.01259	0.00267187	2.4274	2.4274	0.448214	0.847839	-1.17947
cg12907969	LYSMD3	0.000274372	0.00191777	0.294526	-3.39529	0.00396377	0.340253	-2.93899	0.00951191	0.400913	-2.49431	0.112906	0.618713	-1.61626	0.000114039	0.151908	-6.58291
cg18410444	LYSMD3	0.00529397	0.917451	0.989559	-1.01055	0.205782	1.14468	1.14468	0.144999	0.853457	-1.17171	0.00340206	1.49639	1.49639	0.448346	0.924756	-1.08137
cg02287279	LYSMD3	0.00743309	0.150792	1.37955	1.37955	0.000534835	0.324325	-3.08332	0.00893903	0.499116	-2.00354	0.556923	1.13218	1.13218	0.5785	0.889344	-1.12442
cg19915090	LYSMD3	0.0155456	0.000678062	0.223379	-4.4767	0.693774	1.12096	1.12096	0.341495	0.753657	-1.32686	0.0937757	0.587581	-1.70189	0.541683	0.836729	-1.19513
cg19077161	LYSMD3;LYSMD3	0.0380064	0.213253	0.838741	-1.19226	0.255424	1.17268	1.17268	0.475973	0.907334	-1.10213	0.0359998	1.38715	1.38715	0.0111073	1.53289	1.53289
cg18869061	LYSMD4	0.00312383	0.00091598	6.32417	6.32417	0.512677	1.28037	1.28037	0.667879	1.1743	1.1743	0.0304548	2.57728	2.57728	0.017912	2.91824	2.91824
cg02329205	LYSMD4	0.0031706	0.344789	1.26059	1.26059	0.301406	0.77506	-1.29022	0.0270628	0.536409	-1.86425	0.407693	0.817459	-1.2233	0.00196341	0.35296	-2.83318
cg22711917	LYSMD4	0.0111408	0.257267	0.89291	-1.11993	0.00241027	1.49919	1.49919	0.00963436	1.36876	1.36876	0.110929	1.18103	1.18103	0.357829	1.09482	1.09482
cg11461627	LYSMD4	0.0252181	0.180746	0.846868	-1.18082	0.191135	1.17571	1.17571	0.904457	0.986054	-1.01414	0.399478	0.904043	-1.10614	0.115744	1.22135	1.22135
cg05414235	LYSMD4	0.045803	0.0182224	0.443138	-2.25663	0.845344	0.94765	-1.05524	0.51667	1.19887	1.19887	0.00703236	0.367881	-2.71827	0.373726	1.28706	1.28706
cg16175124	LYST	0.0146058	0.326418	0.810884	-1.23322	0.512667	1.14726	1.14726	0.507538	0.870139	-1.14924	0.034826	1.66352	1.66352	0.0274033	0.582815	-1.71581
cg12720444	LYST	0.026404	0.213623	1.42863	1.42863	0.00554872	0.370631	-2.6981	0.0282042	0.493679	-2.02561	0.505306	0.831831	-1.20217	0.585474	0.860691	-1.16186
cg01388211	LYST	0.0418567	0.826086	0.966231	-1.03495	0.223124	1.22119	1.22119	0.165101	1.26005	1.26005	0.844699	1.03109	1.03109	0.119616	1.30164	1.30164
cg07835289	LYST;LYST	0.0294649	0.300094	1.17267	1.17267	0.519615	0.907712	-1.10167	0.844035	1.02965	1.02965	0.263499	0.841219	-1.18875	0.0223326	0.666241	-1.50096
cg03678274	LYST;MIR1537	0.00120343	0.0113039	0.38515	-2.59639	0.171327	1.54966	1.54966	0.684941	0.884546	-1.13052	0.000924335	0.225806	-4.42858	0.00127425	0.243323	-4.10976
cg12707024	LYVE1	0.00786838	0.137735	1.40846	1.40846	0.745237	1.07236	1.07236	0.00168274	0.382097	-2.61714	0.673607	0.913222	-1.09502	0.0024876	0.406253	-2.46152
cg14276794	LYVE1	0.0214528	0.381098	0.785544	-1.273	0.265181	0.731984	-1.36615	0.0295084	0.502246	-1.99106	0.859002	0.953347	-1.04894	0.0018918	0.306336	-3.26439
cg26083752	LYVE1	0.0281358	0.912316	0.975915	-1.02468	0.0038407	0.422153	-2.36881	0.0200587	0.537441	-1.86067	0.446315	0.842138	-1.18745	0.825382	1.05012	1.05012
cg16097772	LYZ	0.000853982	0.00693673	0.429152	-2.33029	0.0952618	0.64156	-1.5587	0.00132505	0.322788	-3.09801	6.41E-05	0.168704	-5.92754	0.000950722	0.303378	-3.29621
cg04785213	LYZ	0.0440788	0.0773067	0.333775	-2.99603	0.0280301	0.234564	-4.26322	0.0221689	0.216047	-4.62862	0.0190589	0.204829	-4.88212	0.0531544	0.293005	-3.41291
cg19658776	LYZL2	0.000148724	0.109198	1.14879	1.14879	0.000861907	0.672137	-1.48779	0.002725	0.719899	-1.38908	0.00226211	1.40395	1.40395	0.000161485	0.599572	-1.66786
cg06569904	LYZL4	1.27E-05	0.801066	1.03977	1.03977	5.00E-05	0.308698	-3.23941	6.86E-06	0.214307	-4.6662	0.016826	0.637276	-1.56918	2.47E-06	0.17146	-5.83225
cg10864941	LYZL4	0.000431346	0.00234314	0.498574	-2.00572	0.000445312	0.403263	-2.47977	6.81E-05	0.302959	-3.30078	0.0976938	0.742463	-1.34687	0.000130749	0.336775	-2.96934
cg21044104	LYZL4	0.0257419	0.0182427	0.284799	-3.51125	0.0334763	0.336583	-2.97103	0.00703033	0.217116	-4.60583	0.0381415	0.348777	-2.86716	0.0321404	0.33286	-3.00427

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23090606	0.018493	0.595176	-1.68017	0.000831377	0.40098	-2.49389	0.775376	0.949364	-1.05334	0.300809	1.21498	1.21498	27.3131	14.2701	0.464413	1
cg03305036	0.00652776	0.283675	-3.52516	9.41E-05	0.0836128	-11.9599	0.00719445	0.290323	-3.44444	0.0148662	0.343689	-2.9096	10.5031	21.1398	1.78908	1
cg24950222	0.164045	1.65474	1.65474	0.2384	0.657811	-1.52019	0.461205	1.28973	1.28973	0.00405745	3.70107	3.70107	7.97209	14.5247	1.6195	1
cg04259907	0.153022	2.09748	2.09748	0.0653258	0.367344	-2.72224	0.181191	1.988	1.988	0.00867531	5.04962	5.04962	5.19869	19.2916	3.29854	1
cg19397703	0.247083	0.480881	-2.07952	0.00220447	0.0745759	-13.4092	0.928296	1.05596	1.05596	0.0356762	4.3883	4.3883	4.20746	24.3856	5.15183	1
cg11564519	0.0778246	0.354881	-2.81784	0.184302	0.474994	-2.10529	0.00509402	7.0776	7.0776	0.598652	1.32415	1.32415	3.89176	17.2243	3.93408	1
cg07643267	0.0656535	0.492383	-2.03094	0.015154	0.359406	-2.78237	0.877176	1.05448	1.05448	0.139402	1.72552	1.72552	3.75497	6.99523	1.65594	1
cg07959016	0.000344369	0.273805	-3.65224	2.72E-07	0.0327482	-30.5361	1.51E-06	0.0646782	-15.4612	0.0299555	0.563155	-1.77571	57.4309	45.9856	0.711743	1
cg15766687	0.0836302	0.529568	-1.88833	0.000112948	0.105226	-9.5034	0.0281738	0.422924	-2.36449	0.587766	0.833842	-1.19927	8.32577	14.5346	1.55177	1
cg17347810	0.000833396	0.277402	-3.60488	8.27E-06	0.0837499	-11.9403	0.236273	1.37218	1.37218	0.00355745	0.3653	-2.73748	22.2821	22.9389	0.91509	1
cg07890457	0.44337	0.838779	-1.19221	0.0087765	2.1188	2.1188	0.402868	1.21237	1.21237	0.0294014	0.56152	-1.78088	20.9905	16.824	0.712447	1
cg21557875	0.00891212	0.594768	-1.68133	0.0745512	0.733309	-1.36368	0.160594	1.26368	1.26368	0.000553361	0.433002	-2.30946	8.21399	3.17168	0.343228	1
cg11849132	0.0754025	0.522161	-1.91512	0.00138066	0.218146	-4.58409	0.22715	1.5162	1.5162	0.378372	0.743285	-1.34538	5.33841	9.1103	1.51694	1
cg03117556	0.898918	1.03095	1.03095	0.0262904	0.531519	-1.8814	0.967596	1.00979	1.00979	0.46788	0.837659	-1.1938	7.31948	6.66745	0.809705	1
cg09301254	0.467193	0.870945	-1.14818	0.00160455	0.429469	-2.32845	0.0102878	1.82933	1.82933	0.699896	1.07502	1.07502	12.8291	7.08763	0.491082	1
cg03955483	0.0028541	0.487319	-2.05204	9.71E-05	0.297175	-3.36502	0.108081	1.35931	1.35931	0.0129126	1.71671	1.71671	19.3871	9.41358	0.431608	1
cg14794281	0.000471346	0.359289	-2.78328	8.23E-05	0.266635	-3.75045	0.0210633	1.67695	1.67695	0.0406082	1.55351	1.55351	15.1221	8.3144	0.488728	1
cg15634398	0.0293058	0.398664	-2.50838	0.0379282	0.422286	-2.36806	0.309009	0.685832	-1.45808	0.000352445	7.81758	7.81758	12.3482	25.0921	1.80627	1
cg17711567	0.026712	0.532546	-1.87777	0.00202622	0.351809	-2.84245	0.00160146	0.337417	-2.96369	0.0180069	1.99315	1.99315	11.7985	10.7632	0.810889	1
cg14733720	0.0536028	0.540166	-1.85128	0.00732965	0.378577	-2.64147	0.00170393	0.283943	-3.52183	0.0153477	2.30732	2.30732	10.1204	12.6548	1.11149	1
cg12768605	0.0167744	0.345945	-2.89063	0.0248771	0.378721	-2.64047	0.0245614	0.377619	-2.64817	0.00403522	4.07342	4.07342	9.34903	19.5815	1.86178	1
cg08561856	0.0282018	0.242203	-4.12876	0.0410216	0.275203	-3.63368	0.0289947	0.244511	-4.08979	0.0173538	4.881	4.881	9.22667	38.8913	4.2151	1
cg02631462	0.179941	0.597635	-1.67326	0.0163734	0.346228	-2.88827	0.0464604	0.438504	-2.28048	0.000357174	7.9329	7.9329	7.42104	15.3568	1.83944	1
cg25732462	0.369318	0.634626	-1.57573	0.0769669	0.379112	-2.63775	0.119079	0.434187	-2.30315	0.00237076	8.08791	8.08791	4.69874	18.1006	3.4242	1
cg21496419	0.0459022	1.44663	1.44663	4.37E-06	0.181079	-5.52245	0.434307	1.13739	1.13739	0.0492864	0.696207	-1.43635	29.0516	11.9811	0.366586	1
cg04590610	0.317957	0.8046	-1.24285	0.000363387	3.3321	3.3321	0.0116878	1.94179	1.94179	0.012828	1.91735	1.91735	9.06493	6.36871	0.624503	1
cg11898486	0.231826	0.536754	-1.86305	0.164514	0.479095	-2.08727	0.563421	0.748392	-1.3362	0.00136496	10.0319	10.0319	7.04624	27.4739	3.46585	1
cg16900980	0.520994	0.622947	-1.60527	0.0583577	0.210934	-4.74082	0.00706164	12.5915	12.5915	0.537885	0.635222	-1.57425	6.06613	50.8506	7.4513	1
cg26373179	0.437043	0.802169	-1.24662	0.00149151	0.279866	-3.57314	0.0176244	0.448065	-2.23182	0.557836	0.848071	-1.17915	5.84675	7.1583	1.08829	1
cg11993925	0.252633	0.631993	-1.5823	0.00604952	0.252363	-3.96255	0.0660535	0.452998	-2.20751	0.574889	0.804433	-1.24311	4.59503	10.7325	2.07617	1
cg09253581	0.60587	1.51389	1.51389	0.0138934	0.0887891	-11.2626	0.0705378	5.00408	5.00408	0.92614	1.07667	1.07667	4.07703	40.9876	8.93626	1
cg03197758	0.948295	1.03578	1.03578	0.218128	2.01805	2.01805	0.00325044	0.113585	-8.80398	0.98605	1.00952	1.00952	3.68879	17.1624	4.13564	1
cg12072164	0.00125234	0.277949	-3.59778	0.546856	0.847349	-1.18015	0.00470173	0.360372	-2.77491	0.24734	0.719924	-1.38904	8.60314	10.0569	1.0391	1
cg14335275	0.146879	1.30953	1.30953	0.00510143	0.526743	-1.89846	0.139419	1.31719	1.31719	0.977118	0.995045	-1.00498	57.0458	27.1064	0.422372	1
cg09044290	0.21499	1.18715	1.18715	0.193764	0.834667	-1.19808	0.803331	1.03334	1.03334	0.724198	0.954503	-1.04767	35.5965	9.73911	0.243197	1
cg10770187	0.74983	0.835238	-1.19726	0.511736	1.4543	1.4543	0.98011	1.01413	1.01413	0.0378862	3.87612	3.87612	16.3794	73.0326	4.45881	1
cg13793854	0.0223587	0.411315	-2.43123	0.000119077	0.11251	-8.88809	5.83E-05	0.0891838	-11.2128	0.0128529	0.366866	-2.72579	14.9268	24.9063	1.48317	1
cg09500672	0.0873732	1.1024	1.1024	0.036018	0.881625	-1.13427	0.0938344	1.09986	1.09986	0.140078	1.08547	1.08547	5.86513	0.247891	0.037569	1
cg16435469	0.0014114	1.89048	1.89048	0.0699759	1.32204	1.32204	0.369787	0.880811	-1.13532	0.0942035	0.776057	-1.28856	5.20754	1.56588	0.267284	1
cg02183373	0.0403604	0.675996	-1.4793	0.261684	1.21354	1.21354	0.529215	1.11116	1.11116	0.310141	0.840586	-1.18965	4.46026	1.93143	0.384917	1
cg14760010	0.387169	0.81253	-1.23072	0.00296015	2.59982	2.59982	0.464166	0.839882	-1.19064	0.93862	1.0182	1.0182	4.41057	3.8317	0.772226	1
cg20202016	0.363542	0.583946	-1.71249	0.329712	1.78509	1.78509	0.317724	1.81297	1.81297	0.211606	0.468556	-2.13422	3.69954	19.4452	4.67211	1
cg07413941	0.190058	0.754427	-1.32551	0.419869	0.845912	-1.18216	0.775164	1.05987	1.05987	0.36747	0.828638	-1.2068	41.6837	27.2171	0.580395	1
cg05874148	0.00759468	0.69934	-1.42992	0.178587	0.861691	-1.16051	0.0749841	1.22943	1.22943	0.0409548	0.782144	-1.27854	24.2197	4.16178	0.152742	1
cg15359180	0.186498	1.24412	1.24412	1.19E-06	0.140989	-7.09275	0.296246	1.18403	1.18403	0.249367	0.828801	-1.20656	21.2912	8.20314	0.342474	1
cg10332649	0.00162936	0.453694	-2.20413	0.000386605	0.371108	-2.69464	0.0705278	0.701957	-1.42459	0.137038	1.3237	1.3237	11.7716	5.71529	0.43157	1
cg00539049	0.00346948	3.01525	3.01525	0.000474333	4.60366	4.60366	0.00100186	3.89181	3.89181	0.01125	2.41906	2.41906	9.70576	11.8958	1.08946	1
cg19177884	0.0574792	1.72464	1.72464	0.0727499	0.601807	-1.66166	0.0473072	1.77838	1.77838	0.89827	0.968074	-1.03298	6.09525	6.2122	0.905944	1
cg15771336	0.139068	1.23462	1.23462	0.112996	1.25652	1.25652	0.962186	1.0063	1.0063	0.00241651	0.571639	-1.74936	4.7839	1.32767	0.246691	1
cg06574335	0.406645	0.765983	-1.30551	0.0141654	0.386513	-2.58723	0.406534	0.765932	-1.3056	0.0319713	0.454193	-2.20171	4.1475	6.47854	1.38847	1
cg12931682	0.772935	1.08149	1.08149	?	?	?	0.0312523	0.504403	-1.98254	0.621635	1.14421	1.14421	4.06021	4.19162	1.03236	1
cg04211175	0.119153	2.23828	2.23828	0.00865236	4.92622	4.92622	0.0932891	2.40969	2.40969	0.0231173	3.64713	3.64713	3.90721	14.0448	3.19518	1
cg23318986	0.126058	0.617788	-1.61868	0.888835	1.04153	1.04153	0.708822	0.896599	-1.11533	0.615613	0.863042	-1.15869	3.48184	4.66836	1.1918	1
cg07669234	0.576621	0.891389	-1.12184	0.087433	1.46903	1.46903	0.2769	1.25925	1.25925	0.0118784	0.527241	-1.89667	11.5464	7.59796	0.58492	1
cg24144687	0.46693	0.884455	-1.13064	0.000559697	0.411656	-2.42921	0.000261846	0.369594	-2.70567	0.0350184	0.665364	-1.50294	8.10274	3.53042	0.387295	1
cg19906599	0.865523	1.03361	1.03361	0.00581887	0.494408	-2.02262	0.0862153	1.44732	1.44732	0.990769	0.997746	-1.00226	7.91695	4.76954	0.535507	1
cg20916578	0.0214275	0.497464	-2.0102	0.00169474	0.32208	-3.10482	0.486304	1.19567	1.19567	0.212379	0.717609	-1.39352	5.31123	5.36862	0.898495	1
cg12021926	0.735409	0.960236	-1.04141	0.0903516	1.25014	1.25014	0.107896	0.810695	-1.23351	0.0206264	0.716405	-1.39586	5.03288	1.14072	0.20147	1
cg01911395	0.0938335	0.709942	-1.40857	0.0720631	1.45253	1.45253	0.00175442	0.436459	-2.29117	0.824586	0.959565	-1.04214	4.96732	2.71975	0.486692	1
cg18799069	0.0475917	0.417946	-2.39266	0.00200171	0.186475	-5.36264	0.66726	1.1812	1.1812	0.111982	0.513552	-1.94722	4.83303	11.3485	2.08721	1
cg06878388	0.0305257	0.68537	-1.45907	0.00368711	0.558036	-1.792	0.000219651	0.400388	-2.49758	0.190147	1.22903	1.22903	20.4316	7.14792	0.310974	1
cg14511586	0.101844	1.38784	1.38784	0.00022691	0.325706	-3.07025	0.0307237	1.59119	1.59119	3.69E-05	0.233983	-4.27382	19.7801	10.4933	0.471553	1
cg22166883	0.0636524	0.430329	-2.3238	0.000603765	0.117785	-8.49002	0.798858	0.901888	-1.10879	0.0375361	0.376855	-2.65354	5.72667	14.8329	2.30235	1
cg01587771	0.482118	0.843715	-1.18523	0.372976	0.80448	-1.24304	0.159856	1.42938	1.42938	0.887288	1.03431	1.03431	5.46823	4.90034	0.796575	1
cg07167185	0.103401	0.586078	-1.70626	0.400705	0.772574	-1.29438	0.00149441	3.94892	3.94892	0.838045	1.06331	1.06331	4.5631	6.50269	1.26672	1
cg10955293	0.0665286	0.766585	-1.30449	0.0011639	0.540069	-1.85161	0.833553	0.973181	-1.02756	0.914115	1.01403	1.01403	3.57891	0.945985	0.234953	1
cg04019011	0.0224471	0.544396	-1.8369	0.998304	1.00047	1.00047	0.295666	1.27271	1.27271	0.672359	0.909745	-1.09921	3.87005	3.0308	0.696126	1
cg07906688	0.368113	1.12898	1.12898	6.26E-05	0.379961	-2.63185	0.0895139	0.782187	-1.27847	0.00382359	0.599469	-1.66814	11.7543	3.20565	0.242419	1
cg07175582	0.224789	0.673678	-1.48439	0.00864212	0.354458	-2.82121	0.302417	1.39231	1.39231	0.00100352	0.220271	-4.53986	8.7549	13.3077	1.35114	1
cg07395436	0.348142	0.845346	-1.18295	0.00643135	1.85236	1.85236	0.108061	1.35657	1.35657	0.613398	1.09266	1.09266	5.54748	2.65797	0.425894	1
cg07368265	0.136462	1.52263	1.52263	0.0191333	2.10232	2.10232	0.568971	1.16283	1.16283	0.388278	0.793167	-1.26077	4.6468	5.05418	0.966816	1
cg05062446	0.05772	0.68433	-1.46128	0.0163769	1.67976	1.67976	0.266451	0.814917	-1.22712	0.890937	0.976041	-1.02455	4.21382	2.08525	0.439875	1
cg02665570	0.196834	0.782072	-1.27865	0.347316	0.840024	-1.19044	0.578351	0.903805	-1.10643	0.045321	1.51229	1.51229	4.01955	2.0659	0.456856	1
cg10336568	0.767682	0.968335	-1.0327	0.0942961	0.818899	-1.22115	0.0125577	1.40102	1.40102	0.0201251	1.35596	1.35596	7.44039	1.39035	0.166102	1
cg01626569	0.000594022	0.50169	-1.99326	0.0274651	0.712292	-1.40392	0.497356	1.09377	1.09377	0.470392	1.10024	1.10024	5.95588	1.59632	0.238244	1
cg10618159	0.294607	0.853697	-1.17138	0.0290562	1.4541	1.4541	0.167958	1.23842	1.23842	0.242437	1.19485	1.19485	4.58119	1.53643	0.298115	1
cg09343327	0.175127	0.597831	-1.67271	0.126275	1.80422	1.80422	0.00184198	4.84475	4.84475	0.164502	1.69742	1.69742	4.54652	9.16469	1.79179	1
cg02026475	0.168805	1.2354	1.2354	0.0792522	0.755093	-1.32434	7.59E-05	0.355355	-2.81409	0.892868	0.98076	-1.01962	7.98273	2.62814	0.292647	1
cg26923810	0.0309122	0.392926	-2.54501	0.000957628	0.163057	-6.13281	0.989216	1.00499	1.00499	0.278715	0.660223	-1.51464	4.96011	10.6747	1.91299	1
cg10084509	0.368017	0.798579	-1.25222	0.43594	1.21329	1.21329	0.0216253	0.511251	-1.95599	0.384044	0.80484	-1.24248	4.01824	3.76561	0.833004	1
cg08690976	0.000741069	0.377017	-2.6524	3.98E-06	0.129841	-7.70172	0.00015238	0.290297	-3.44475	0.110313	0.717953	-1.39285	27.9586	16.0534	0.510386	1
cg11240327	0.011295	2.23428	2.23428	?	?	?	0.460894	1.19199	1.19199	0.012823	0.458178	-2.18256	14.0208	10.1572	0.543326	1
cg17329422	0.199172	1.31748	1.31748	0.123905	0.712731	-1.40305	0.74245	1.06932	1.06932	0.0608623	0.650877	-1.53639	8.0307	5.25371	0.581515	1
cg04843946	0.573158	0.929941	-1.07534	6.92E-05	0.395469	-2.52864	0.273741	1.1564	1.1564	0.823308	0.97187	-1.02894	7.83947	2.02112	0.229167	1
cg12849807	0.124544	0.750725	-1.33204	0.000465832	0.387164	-2.58288	0.0934263	0.727508	-1.37456	0.789888	1.04712	1.04712	5.82831	2.74388	0.418476	1
cg20011833	0.220512	1.21431	1.21431	0.0112959	0.619832	-1.61334	0.129207	0.781027	-1.28037	0.690153	1.06227	1.06227	4.50299	1.62072	0.319929	1
cg25134683	0.769637	0.937487	-1.06668	0.263955	0.774165	-1.29171	0.984333	1.00433	1.00433	0.667234	0.909298	-1.09975	3.9605	3.03105	0.680284	1
cg27642643	0.151118	1.18267	1.18267	0.0927377	0.817308	-1.22353	0.268374	1.13397	1.13397	0.593498	1.06052	1.06052	8.56462	1.6133	0.167438	1
cg05329576	1.28E-05	0.521455	-1.91771	0.000481023	0.677863	-1.47522	0.160221	0.898965	-1.11239	0.00616336	1.28871	1.28871	39.1663	3.12618	0.0709496	1
cg17107193	0.00598664	1.46283	1.46283	2.62E-05	0.414326	-2.41356	0.0788554	1.22953	1.22953	0.0249691	0.75393	-1.32638	15.7907	2.80373	0.157828	1
cg15669273	0.000435631	0.638557	-1.56603	0.109721	1.15104	1.15104	0.2092	1.11269	1.11269	0.00231316	1.40968	1.40968	7.86393	0.810536	0.0916179	1
cg14242460	0.09405	0.798482	-1.25238	0.0985617	0.801369	-1.24787	0.393373	1.11279	1.11279	0.633836	1.06041	1.06041	4.08059	0.965691	0.21036	1
cg11983857	0.00919352	0.418522	-2.38936	0.559495	0.856049	-1.16816	0.865976	0.956487	-1.04549	0.0113813	0.434154	-2.30333	8.07343	8.86935	0.976519	1
cg20529787	0.0330381	0.714475	-1.39963	0.354928	0.879537	-1.13696	0.292937	0.863155	-1.15854	0.412001	0.893026	-1.11979	7.72655	2.22628	0.256119	1
cg22889316	0.0135544	0.622185	-1.60724	0.0020902	1.95918	1.95918	0.827964	1.03438	1.03438	0.246601	1.20705	1.20705	6.03193	2.30452	0.339603	1
cg04190475	0.389544	1.14018	1.14018	0.00922759	1.63504	1.63504	0.769847	1.04461	1.04461	0.00118985	0.493149	-2.02779	5.81762	2.03938	0.311602	1
cg12306343	0.197197	1.28152	1.28152	0.12319	1.35507	1.35507	0.363109	0.843608	-1.18538	0.375654	0.847525	-1.17991	4.54992	2.38565	0.466069	1
cg19080053	0.900417	1.07102	1.07102	0.0101978	0.169432	-5.90207	0.162085	0.441267	-2.2662	0.0371743	0.265588	-3.76524	3.42877	16.31	4.22827	1
cg26165608	0.0109251	0.763474	-1.3098	0.0511111	0.828891	-1.20643	0.179202	0.886441	-1.12811	0.106705	1.16044	1.16044	6.83192	0.772239	0.100475	1
cg09611852	0.215013	0.745915	-1.34064	0.344551	0.803586	-1.24442	0.221575	1.33452	1.33452	0.000471313	0.291142	-3.43476	6.49855	5.19199	0.710174	1
cg08984996	0.000558207	0.259086	-3.85972	0.00866916	2.3259	2.3259	0.301456	0.763305	-1.31009	0.598173	0.874435	-1.1436	6.39207	6.44358	0.896053	1
cg06821789	0.421822	1.09818	1.09818	0.948504	0.992655	-1.0074	0.286497	1.13465	1.13465	0.0206116	0.727423	-1.37472	16.999	3.50717	0.183393	1
cg03259742	0.39406	0.776723	-1.28746	0.0145536	0.418503	-2.38947	0.00793543	2.67861	2.67861	0.389829	0.774877	-1.29053	4.89777	6.49826	1.17936	1
cg13707337	0.0290092	1.84861	1.84861	0.0879598	0.637918	-1.5676	0.208859	0.728871	-1.37199	0.0291627	1.84716	1.84716	6.95569	6.27837	0.802332	1
cg12585028	0.431759	1.25976	1.25976	0.143019	0.635706	-1.57306	0.579317	1.17488	1.17488	0.301126	1.36116	1.36116	4.35709	5.71561	1.16604	1
cg00493755	0.108538	1.89326	1.89326	0.000804886	6.32182	6.32182	0.0113006	3.17985	3.17985	0.0177253	0.349397	-2.86207	7.4126	15.6092	1.87179	1
cg17367996	0.00970009	1.82408	1.82408	0.0806667	0.700555	-1.42744	0.000329875	2.90119	2.90119	0.00423781	2.02028	2.02028	39.6096	21.1695	0.475069	1
cg13386215	0.997529	0.999401	-1.0006	0.00109729	0.393948	-2.53841	0.271464	0.801299	-1.24797	0.0141716	0.556746	-1.79615	8.45979	5.01667	0.527112	1
cg10838757	0.223263	0.771974	-1.29538	0.00522609	0.474657	-2.10678	0.966282	0.991487	-1.00859	0.966228	0.991474	-1.0086	4.24279	2.7485	0.575826	1
cg25306932	0.639469	0.899944	-1.11118	0.0164633	1.92489	1.92489	0.0656244	1.58669	1.58669	0.195087	0.736223	-1.35828	7.13226	5.63973	0.702877	1
cg22012230	0.881704	0.942488	-1.06102	0.0725995	0.450767	-2.21844	0.00227261	0.183017	-5.46398	0.100866	0.489304	-2.04372	3.506	8.78599	2.22754	1
cg07429591	0.674612	1.21337	1.21337	0.00115986	0.11243	-8.89443	0.579394	0.773803	-1.29232	0.00464632	0.178281	-5.60912	6.88455	22.8745	2.95341	1
cg13199219	0.00124825	0.402623	-2.48371	0.016134	1.76468	1.76468	0.959802	0.990322	-1.00977	0.891729	0.974065	-1.02663	6.44818	3.80187	0.524091	1
cg16695354	0.0614441	1.33114	1.33114	0.125525	0.798457	-1.25241	0.0231471	1.44571	1.44571	0.272864	1.16757	1.16757	4.4324	1.2937	0.259443	1
cg11661523	0.0033973	1.72779	1.72779	0.109608	0.786995	-1.27066	0.107819	1.27248	1.27248	0.517337	1.09433	1.09433	3.86637	1.15474	0.265478	1
cg27342194	0.0413547	0.683733	-1.46256	0.00375139	0.531407	-1.8818	0.446344	0.882125	-1.13363	0.721781	1.05947	1.05947	3.71291	1.53525	0.367546	1
cg06314568	0.156062	1.38276	1.38276	0.824466	1.04859	1.04859	0.536367	1.14307	1.14307	0.130341	1.41755	1.41755	3.96386	2.86327	0.642085	1
cg12907969	0.0209822	0.461757	-2.16564	4.29E-05	0.114968	-8.69807	0.837912	1.05865	1.05865	0.000160902	0.166415	-6.00907	16.8567	20.6694	1.08994	1
cg18410444	0.980035	0.99747	-1.00254	0.000408541	0.566427	-1.76545	0.120906	0.843433	-1.18563	0.220295	0.877682	-1.13937	7.2115	1.17062	0.14429	1
cg02287279	0.888346	0.971073	-1.02979	0.135664	1.39938	1.39938	0.0248348	0.572277	-1.74741	0.216239	0.761913	-1.31249	6.4922	4.48953	0.61469	1
cg19915090	?	?	?	0.214362	0.685784	-1.45818	0.079476	1.75362	1.75362	0.109628	0.604546	-1.65413	5.21646	6.11425	1.17211	1
cg19077161	0.544782	0.921057	-1.08571	0.059327	1.33058	1.33058	0.0252424	1.42902	1.42902	0.099569	1.27402	1.27402	3.75291	1.06989	0.253408	1
cg18869061	0.0617053	2.18873	2.18873	0.154319	0.566896	-1.76399	0.0006448	7.02018	7.02018	0.00383999	4.2649	4.2649	8.45588	18.5559	1.95061	1
cg02329205	0.000464362	0.269699	-3.70784	0.281533	0.76617	-1.30519	0.0140497	0.485971	-2.05774	0.0264584	1.87053	1.87053	8.41857	7.55155	0.797343	1
cg22711917	0.656897	0.958073	-1.04376	0.112085	0.847255	-1.18028	0.345506	0.911122	-1.09755	0.0117734	1.35175	1.35175	5.70906	0.829901	0.129214	1
cg11461627	0.240799	1.15445	1.15445	0.00107092	0.568227	-1.75986	0.981936	1.00265	1.00265	0.384575	1.10989	1.10989	4.34408	0.941069	0.192562	1
cg05414235	0.385897	0.782216	-1.27842	0.391786	0.784725	-1.27433	0.0577952	1.82575	1.82575	0.859451	1.05001	1.05001	3.81004	4.47637	0.913802	1
cg16175124	0.00815253	2.01505	2.01505	0.0198601	1.78919	1.78919	0.0141491	1.8709	1.8709	0.953612	0.988036	-1.01211	5.22647	3.5435	0.602658	1
cg12720444	0.448927	0.810428	-1.23392	0.0155265	2.24456	2.24456	0.322628	1.32088	1.32088	0.855337	1.05097	1.05097	4.27496	5.02367	1.04457	1
cg01388211	0.744387	1.0524	1.0524	0.00160353	0.493363	-2.0269	0.744359	0.950204	-1.05241	0.758465	1.04933	1.04933	3.62191	1.39787	0.343064	1
cg07835289	0.227727	0.828765	-1.20662	0.0565447	1.37741	1.37741	0.00697365	1.67816	1.67816	0.122064	1.2822	1.2822	4.11301	1.43328	0.309755	1
cg03678274	0.18095	0.652332	-1.53296	0.000988396	0.229397	-4.35926	0.10402	1.70673	1.70673	0.00144943	0.250576	-3.9908	11.1627	15.9917	1.27342	1
cg12707024	0.038747	1.67005	1.67005	0.194707	1.3417	1.3417	0.411819	0.835429	-1.19699	0.307757	0.797539	-1.25386	6.37733	4.63747	0.646383	1
cg14276794	0.0194288	0.468034	-2.1366	0.00574568	0.378066	-2.64504	0.108234	0.624492	-1.6013	0.113573	0.629641	-1.58821	4.59341	5.25185	1.01631	1
cg26083752	0.288029	1.27652	1.27652	0.0357844	1.71718	1.71718	0.454658	1.1836	1.1836	0.440753	1.19006	1.19006	4.18065	3.24348	0.689628	1
cg16097772	0.0296947	0.538099	-1.85839	0.000898515	0.300138	-3.3318	0.0160559	0.489892	-2.04127	0.0143589	0.481494	-2.07687	12.3037	11.4264	0.825508	1
cg04785213	0.135294	0.406777	-2.45835	0.0108018	0.167128	-5.98343	0.0417702	0.2695	-3.71058	0.195522	0.465388	-2.14875	3.55289	17.5661	4.39482	1
cg19658776	0.000987516	1.47522	1.47522	0.000635342	0.65921	-1.51697	0.181416	0.89345	-1.11926	0.18238	0.893699	-1.11895	19.9027	1.98787	0.0887819	1
cg06569904	0.000349366	0.411512	-2.43006	2.80E-05	0.279923	-3.57242	0.00173337	0.50152	-1.99394	4.89E-05	0.307625	-3.25072	38.1322	14.4086	0.335875	1
cg10864941	0.0446251	0.685328	-1.45915	0.000788916	0.435445	-2.2965	0.051946	0.696004	-1.43677	0.0172666	0.621676	-1.60856	14.887	6.33226	0.378094	1
cg21044104	0.0175431	0.281717	-3.54966	0.0145078	0.267146	-3.74327	0.0565981	0.388337	-2.57508	0.13172	0.490098	-2.04041	4.31307	13.1225	2.70444	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25867632	LYZL4;LYZL4	0.0433161	0.159227	0.444777	-2.24832	0.0547503	0.309339	-3.2327	0.0997072	0.378466	-2.64225	0.0464145	0.292716	-3.41628	0.00830525	0.1625	-6.15386
cg04496081	LYZL6	0.00747677	0.00985836	0.133205	-7.50722	0.463451	0.63049	-1.58607	0.0135749	0.151412	-6.60451	0.0611724	0.271439	-3.68406	0.00227748	0.0715241	-13.9813
cg16365728	LYZL6	0.011222	0.0121253	0.134523	-7.43367	0.430691	0.596912	-1.67529	0.0103731	0.12606	-7.93272	0.0373778	0.212294	-4.71044	0.00571203	0.0977867	-10.2263
cg15226751	LZIC	0.000803699	8.42E-05	0.27936	-3.57961	0.139478	0.750687	-1.33211	0.0187691	0.598407	-1.6711	0.29219	1.21783	1.21783	0.000191583	0.32206	-3.10502
cg24259629	LZTFL1	4.88E-05	0.000382852	0.361207	-2.7685	0.959121	1.00925	1.00925	0.00286274	2.08953	2.08953	0.490778	0.881875	-1.13395	9.44E-07	0.0977861	-10.2264
cg04817148	LZTFL1	0.00110502	0.761839	0.925386	-1.08063	0.716869	0.911276	-1.09736	0.78723	0.933311	-1.07145	0.48293	1.1995	1.1995	0.88982	1.03599	1.03599
cg03032607	LZTFL1	0.00374489	0.0016712	0.22268	-4.49074	0.000929417	5.2167	5.2167	0.0614007	0.494499	-2.02225	0.0470693	0.467957	-2.13695	0.670742	0.866845	-1.15361
cg12857957	LZTFL1	0.0116377	0.0795894	1.24326	1.24326	0.432911	1.09369	1.09369	0.823119	1.02537	1.02537	0.122686	0.829302	-1.20583	0.00163344	1.65686	1.65686
cg18713168	LZTFL1	0.0222814	0.662182	0.77089	-1.2972	0.000597398	0.0344403	-29.0358	0.690096	0.788846	-1.26767	0.804475	1.15803	1.15803	?	?	?
cg18769584	LZTFL1	0.0234403	0.205425	0.602819	-1.65887	0.00867082	0.281509	-3.55229	0.00518699	0.247119	-4.04664	0.280427	0.653715	-1.52972	0.00553092	0.251236	-3.98032
cg05168344	LZTR1	0.000152171	2.32E-05	0.117476	-8.51241	0.00993044	0.438434	-2.28084	0.0640935	0.590484	-1.69353	3.32E-05	0.130152	-7.68332	0.659259	0.893734	-1.1189
cg11982252	LZTR1	0.000167406	0.000596472	0.172539	-5.79579	0.000174386	0.120962	-8.26708	0.0182607	0.386734	-2.58576	0.780474	0.911515	-1.09707	1.99E-05	0.0570398	-17.5316
cg05139924	LZTR1	0.00547684	0.222272	0.865172	-1.15584	0.00281437	1.59148	1.59148	0.175808	1.17648	1.17648	0.237667	1.14989	1.14989	0.270838	0.878585	-1.13819
cg03352409	LZTR1	0.0115912	0.0122229	1.44499	1.44499	0.00205446	1.66872	1.66872	0.784812	0.968242	-1.0328	0.472459	1.08999	1.08999	0.64533	0.94682	-1.05617
cg09978259	LZTR1	0.0164539	0.0234585	0.411182	-2.43201	0.388838	0.748298	-1.33637	0.322572	0.714993	-1.39861	0.577534	0.83132	-1.20291	0.00126901	0.213538	-4.68302
cg16934981	LZTR1	0.0498753	0.0562536	0.405338	-2.46708	0.223197	1.70678	1.70678	0.51154	1.32063	1.32063	0.0018786	0.158593	-6.30544	0.519639	0.761358	-1.31344
cg23098062	LZTR1;LZTR1	0.047059	0.381638	1.31753	1.31753	0.134262	1.64257	1.64257	0.994837	1.00199	1.00199	0.474717	1.25033	1.25033	0.030406	0.457515	-2.18572
cg10250776	LZTS1	0.000254714	0.0148106	0.802735	-1.24574	0.00114005	0.704238	-1.41997	0.278427	1.0861	1.0861	0.0513192	0.849923	-1.17658	0.645979	0.966672	-1.03448
cg06879998	LZTS1	0.0147089	0.237532	1.42147	1.42147	0.000515522	4.66576	4.66576	0.145872	1.55856	1.55856	0.193474	1.47859	1.47859	0.705697	0.897779	-1.11386
cg10669285	LZTS2	2.31E-05	0.341518	1.13266	1.13266	0.985654	1.00229	1.00229	1.92E-07	7.54231	7.54231	0.891196	0.982755	-1.01755	0.797422	1.03323	1.03323
cg19209225	LZTS2	8.51E-05	0.261691	0.683543	-1.46297	0.0358526	2.21158	2.21158	0.0001157	8.99779	8.99779	0.358564	1.35918	1.35918	0.27193	0.689531	-1.45026
cg08262876	LZTS2	0.000157835	0.193756	0.636937	-1.57001	0.0238993	2.42093	2.42093	0.000255389	7.21348	7.21348	0.937125	1.02622	1.02622	0.34052	0.724529	-1.38021
cg10170214	LZTS2	0.000284948	0.00832322	2.33984	2.33984	9.60E-05	5.75236	5.75236	0.00367941	2.69025	2.69025	0.000572729	3.83436	3.83436	0.219964	1.38415	1.38415
cg17130504	LZTS2	0.000303008	0.347529	0.512725	-1.95036	0.0939291	3.56806	3.56806	0.00220086	19.3853	19.3853	0.628761	0.714294	-1.39998	0.21785	2.44802	2.44802
cg27255678	LZTS2	0.000468442	0.149321	0.388632	-2.57313	0.0939339	3.09663	3.09663	0.00784312	8.56968	8.56968	0.425758	1.63785	1.63785	0.442933	0.622228	-1.60713
cg00036732	LZTS2	0.000581161	0.000116359	0.318169	-3.14298	0.307686	0.836056	-1.19609	0.221815	0.804327	-1.24328	0.210007	0.799298	-1.2511	0.806484	0.959235	-1.0425
cg26266098	LZTS2	0.000599186	0.424767	1.31882	1.31882	0.0557511	2.08723	2.08723	0.000217545	8.11552	8.11552	0.796038	1.09192	1.09192	0.592383	0.832373	-1.20138
cg25179470	LZTS2	0.000907236	0.590977	0.733677	-1.363	0.0451826	3.71261	3.71261	0.0017575	12.7371	12.7371	0.84715	1.11645	1.11645	0.900013	0.930761	-1.07439
cg25096861	LZTS2	0.00141267	0.0896646	0.438389	-2.28108	0.252643	1.69324	1.69324	0.201096	1.8132	1.8132	0.797328	1.12011	1.12011	0.0303617	3.0705	3.0705
cg06822657	LZTS2	0.00632413	0.612466	1.08227	1.08227	0.70409	1.06084	1.06084	0.000273223	0.397353	-2.51666	0.859516	0.972954	-1.0278	0.520114	0.904019	-1.10617
cg11766011	LZTS2	0.00992504	0.0279423	1.41682	1.41682	0.144911	0.810564	-1.23371	0.882168	0.9803	-1.0201	0.0114391	1.52889	1.52889	0.0125184	1.51698	1.51698
cg06518233	LZTS2	0.0195513	0.0489606	2.80132	2.80132	0.0350573	3.08083	3.08083	0.219334	1.80736	1.80736	0.00963862	4.48697	4.48697	0.111384	2.2135	2.2135
cg05311720	LZTS2	0.0253716	0.142044	0.748091	-1.33674	0.131253	0.741129	-1.34929	0.902936	1.02269	1.02269	0.200906	0.780074	-1.28193	0.458392	0.870379	-1.14892
cg02009103	LZTS2	0.03856	0.767835	0.824306	-1.21314	0.0230499	5.89378	5.89378	0.271976	2.10925	2.10925	0.150996	2.73035	2.73035	0.222537	0.43316	-2.30862
cg02613435	LZTS2;LZTS2	1.96E-05	0.760047	1.08978	1.08978	0.00692379	2.66682	2.66682	0.000158395	6.12863	6.12863	0.341601	0.759549	-1.31657	0.909023	1.0326	1.0326
cg02299205	M6PR	0.0048239	0.45079	1.15697	1.15697	0.419858	1.16929	1.16929	0.382051	1.18545	1.18545	0.650461	1.09042	1.09042	0.00083083	0.384855	-2.59838
cg01516440	M6PR	0.00754782	0.392094	0.661469	-1.51179	0.289285	0.595421	-1.67948	0.613723	1.27115	1.27115	0.706706	1.19505	1.19505	0.29793	1.66297	1.66297
cg03826601	M6PR	0.0134013	0.0328405	0.686779	-1.45607	0.464117	0.893908	-1.11868	0.203029	0.816883	-1.22417	0.878733	0.977281	-1.02325	0.633502	1.07498	1.07498
cg16831050	M6PR;PHC1	0.011194	0.00799209	0.310121	-3.22454	0.489983	0.785441	-1.27317	0.381976	0.734326	-1.36179	0.369429	0.727993	-1.37364	0.00341233	0.254004	-3.93694
cg20334738	MAB21L2;LRBA	0.0106712	0.248093	1.84482	1.84482	0.295877	1.7328	1.7328	0.809183	1.13054	1.13054	0.454302	1.47191	1.47191	0.164851	2.12014	2.12014
cg05878390	MAB21L2;LRBA	0.0224337	0.0454553	3.7987	3.7987	0.743134	0.825883	-1.21083	0.0507578	3.65028	3.65028	0.0258568	4.66064	4.66064	0.910937	0.936979	-1.06726
cg14904733	MAB21L2;LRBA	0.0252231	0.94498	1.01596	1.01596	0.00672982	0.446562	-2.23933	0.0709141	0.629434	-1.58873	0.195341	1.3692	1.3692	0.424641	0.829388	-1.20571
cg20481837	MAB21L2;LRBA	0.0476486	0.588443	1.18022	1.18022	0.0243774	0.443216	-2.25624	0.153183	0.628796	-1.59034	0.556719	1.19757	1.19757	0.110348	1.69516	1.69516
cg14752361	MACC1	0.000795327	0.00262211	0.300532	-3.32743	0.00821193	0.376878	-2.65338	0.00978761	0.389635	-2.5665	0.0217926	0.451805	-2.21334	5.83E-05	0.116587	-8.57729
cg26959945	MACC1	0.000835937	0.196552	0.721462	-1.38607	0.904828	0.971807	-1.02901	0.000576675	0.279834	-3.57355	0.0116711	0.470695	-2.12452	0.000235114	0.232745	-4.29655
cg12424504	MACC1	0.00104458	0.152198	0.705516	-1.4174	0.00976648	0.475618	-2.10253	0.0607844	0.618339	-1.61724	0.665039	1.10414	1.10414	0.00152405	0.354177	-2.82345
cg23230834	MACC1	0.0177941	0.172574	2.24328	2.24328	0.00615257	7.30933	7.30933	0.531338	1.42318	1.42318	0.0420566	3.68301	3.68301	0.128388	0.400631	-2.49606
cg21710826	MACC1	0.023175	0.0116599	0.566006	-1.76677	0.505796	1.12964	1.12964	0.0508386	0.669197	-1.49433	0.0816066	0.705765	-1.4169	0.0224172	0.610255	-1.63866
cg03840849	MACC1	0.03399	0.257445	1.37559	1.37559	0.011371	2.35125	2.35125	0.919435	1.02767	1.02767	0.597973	1.1544	1.1544	0.693323	1.11287	1.11287
cg19856520	MACF1	0.000164475	0.0379213	0.657047	-1.52196	0.426735	0.867955	-1.15213	0.00124147	2.27853	2.27853	0.000704723	2.4622	2.4622	0.000128704	0.313011	-3.19478
cg05671762	MACF1	0.00133824	0.000790712	0.673184	-1.48548	0.649572	0.964935	-1.03634	0.0846394	1.16047	1.16047	0.00158852	0.702069	-1.42436	0.53476	1.05028	1.05028
cg24159575	MACF1	0.00268601	0.124126	0.769241	-1.29998	0.561562	1.09689	1.09689	0.2097	0.811965	-1.23158	0.0208786	0.6453	-1.54967	0.0001367	0.353578	-2.82823
cg26906273	MACF1	0.00310461	0.71461	1.16491	1.16491	0.0755814	2.27532	2.27532	0.00151053	6.68387	6.68387	0.0139469	3.53323	3.53323	0.000814495	0.122703	-8.14974
cg08480461	MACF1	0.00322193	0.00171341	0.253405	-3.94626	0.00368534	0.300079	-3.33245	0.0643951	0.528773	-1.89117	0.0254033	0.442749	-2.25862	0.108258	0.584311	-1.71142
cg17074958	MACF1	0.00404273	0.00189342	0.399751	-2.50156	0.146972	0.723135	-1.38287	0.897975	0.973637	-1.02708	0.128348	1.40823	1.40823	0.0105097	0.511418	-1.95535
cg08944940	MACF1	0.00686288	0.00476466	0.195663	-5.11082	0.437998	0.708659	-1.41112	0.00421104	0.188557	-5.30343	0.110199	0.468683	-2.13364	0.0011345	0.124377	-8.04009
cg07554759	MACF1	0.0134151	0.944627	0.974198	-1.02649	0.659824	1.1814	1.1814	0.119524	1.88839	1.88839	0.00657575	3.77437	3.77437	0.043936	0.418386	-2.39014
cg06115679	MACF1	0.0181029	0.592557	1.10924	1.10924	0.190127	0.766184	-1.30517	0.016214	0.568706	-1.75838	0.713298	1.0734	1.0734	0.0152927	1.77102	1.77102
cg14018543	MACF1	0.0193958	0.0766494	0.660713	-1.51352	0.733488	0.9306	-1.07458	0.468119	0.856104	-1.16808	0.191188	0.747328	-1.3381	0.00117889	0.367318	-2.72244
cg18647268	MACF1	0.0244063	0.781204	0.863297	-1.15835	0.00424344	7.54254	7.54254	0.00312191	8.44685	8.44685	0.143969	2.29049	2.29049	0.810364	0.880811	-1.13532
cg06895953	MACF1	0.027908	0.03252	0.698018	-1.43263	0.0135158	1.55143	1.55143	0.742638	0.953766	-1.04848	0.237059	0.836975	-1.19478	0.0610563	0.738404	-1.35427
cg27292099	MACF1;MACF1	0.00233161	0.0110556	0.279462	-3.57831	0.594263	1.23996	1.23996	0.982603	1.00876	1.00876	0.642358	1.20574	1.20574	0.000375277	0.102788	-9.72873
cg00790970	MACF1;MACF1	0.0188221	0.186538	0.67391	-1.48388	0.114991	1.62099	1.62099	0.865616	0.953384	-1.0489	0.238679	0.706228	-1.41597	0.00734472	0.377601	-2.6483
cg14082530	MACF1;MACF1	0.030316	0.676256	0.866763	-1.15372	0.0386173	2.26065	2.26065	0.781849	1.09913	1.09913	0.663874	1.16053	1.16053	0.0103971	0.333309	-3.00022
cg10198749	MACF1;MACF1	0.036355	0.0621578	0.325655	-3.07073	0.135844	0.423693	-2.3602	0.183838	0.470804	-2.12403	0.133421	0.421081	-2.37484	0.00446348	0.131831	-7.5855
cg07837729	MACROD1	0.000575712	0.0053596	0.672551	-1.48688	0.0184375	0.734013	-1.36237	0.000328861	0.533951	-1.87283	0.711855	1.04095	1.04095	0.0207252	0.739911	-1.35151
cg17257587	MACROD1	0.00111603	0.00642657	0.498063	-2.00778	6.66E-05	0.237539	-4.20984	0.0926697	0.695005	-1.43884	0.366094	0.833108	-1.20032	0.00219074	0.429682	-2.32731
cg14085017	MACROD1	0.00140782	0.616184	0.920081	-1.08686	0.687707	1.06886	1.06886	0.0502831	1.44452	1.44452	0.0793888	1.37841	1.37841	0.577688	0.911471	-1.09713
cg11642412	MACROD1	0.00185062	0.079881	2.54616	2.54616	0.00948301	4.8581	4.8581	0.0231261	3.69146	3.69146	0.012554	4.45027	4.45027	0.242167	0.555064	-1.80159
cg17681750	MACROD1	0.00366428	0.0138176	3.10242	3.10242	0.000756102	6.68746	6.68746	0.0100609	3.34879	3.34879	0.0575507	2.2236	2.2236	0.529859	1.26719	1.26719
cg20996312	MACROD1	0.00390701	0.443464	0.825644	-1.21118	0.0432168	0.56538	-1.76872	0.0207411	0.505223	-1.97932	0.45037	0.828125	-1.20755	6.74E-05	0.167086	-5.98495
cg26993251	MACROD1	0.00407665	0.00104004	0.316016	-3.1644	0.545924	0.865032	-1.15603	0.291898	0.771484	-1.2962	0.900491	0.970758	-1.03012	0.016402	0.498641	-2.00545
cg08843756	MACROD1	0.00481236	0.80496	0.926751	-1.07904	0.00975451	0.366071	-2.73171	0.00522162	0.322055	-3.10506	0.022266	0.430696	-2.32182	0.0202034	0.422654	-2.366
cg07521668	MACROD1	0.00590641	0.511384	1.10605	1.10605	0.00322026	0.544247	-1.8374	0.00845492	0.601193	-1.66336	0.0791992	1.34302	1.34302	0.1535	0.793516	-1.26021
cg06325565	MACROD1	0.00627652	0.00706184	0.288949	-3.46082	0.00174	0.203488	-4.91431	0.00410505	0.253368	-3.94682	0.0184031	0.360656	-2.77273	0.110416	0.537769	-1.85953
cg01882150	MACROD1	0.00966305	0.364075	0.903055	-1.10735	0.677112	0.955249	-1.04685	0.225673	1.14925	1.14925	0.640293	0.949848	-1.0528	0.0728113	0.803481	-1.24458
cg06871262	MACROD1	0.0107669	0.0547447	0.628374	-1.59141	0.212201	0.755616	-1.32342	0.0459363	0.613946	-1.62881	0.340359	0.810958	-1.23311	0.515238	1.15109	1.15109
cg01804278	MACROD1	0.0117972	0.36319	0.647388	-1.54467	0.00882093	0.21195	-4.7181	0.279763	0.592858	-1.68674	0.428828	0.686736	-1.45616	0.0013034	0.113214	-8.83285
cg02374207	MACROD1	0.0123674	0.279875	1.23247	1.23247	0.784594	0.950296	-1.0523	0.0473784	0.655668	-1.52516	0.101051	1.39673	1.39673	0.000425848	0.354109	-2.82399
cg19674138	MACROD1	0.0161325	0.703276	1.0715	1.0715	0.0283049	1.59559	1.59559	0.3391	1.1946	1.1946	0.69921	1.07258	1.07258	0.107249	0.728132	-1.37338
cg19324462	MACROD1	0.0187081	0.287979	1.6206	1.6206	0.42039	1.43371	1.43371	0.565875	0.775695	-1.28917	0.0746842	2.38434	2.38434	0.000820797	0.110095	-9.08305
cg04683210	MACROD1	0.0187656	0.308729	1.57073	1.57073	0.982613	0.990703	-1.00938	0.220266	0.575562	-1.73743	0.210906	1.75943	1.75943	0.000558349	0.100819	-9.91877
cg11364273	MACROD1	0.0197041	0.0540839	10.8544	10.8544	0.101822	7.05225	7.05225	0.138238	5.7017	5.7017	0.0316928	15.5946	15.5946	0.922124	0.898841	-1.11254
cg07589519	MACROD1	0.0197408	0.0493351	0.456829	-2.189	0.00203075	0.218814	-4.5701	0.0023343	0.226702	-4.41107	0.144079	0.578077	-1.72987	0.131339	0.566164	-1.76627
cg18545771	MACROD1	0.0204117	0.092601	1.80986	1.80986	0.215789	1.51829	1.51829	0.923212	0.969569	-1.03139	0.101407	1.77695	1.77695	0.930804	0.972545	-1.02823
cg19230459	MACROD1	0.0204761	0.093703	0.709393	-1.40966	0.00256818	0.458979	-2.17875	0.0379042	0.638676	-1.56574	0.238052	0.794374	-1.25885	0.15517	0.753256	-1.32757
cg05180512	MACROD1	0.0215874	0.00811527	0.678411	-1.47403	0.0588612	0.783284	-1.27668	0.024491	0.735819	-1.35903	0.0472655	0.771161	-1.29675	0.0248015	0.736485	-1.3578
cg14078730	MACROD1	0.0227595	0.0370507	0.635911	-1.57255	0.282066	1.23245	1.23245	0.630507	0.913369	-1.09485	0.121156	1.36918	1.36918	0.0017495	0.434282	-2.30265
cg20219100	MACROD1	0.0230332	0.475741	0.886362	-1.12821	0.162888	0.780541	-1.28116	0.421311	0.87228	-1.14642	0.595221	1.09329	1.09329	0.00484897	0.53721	-1.86147
cg00712857	MACROD1	0.0266175	0.0924989	3.44476	3.44476	0.065033	3.99078	3.99078	0.0296927	5.52711	5.52711	0.0206809	6.43213	6.43213	0.888315	0.9104	-1.09842
cg03423149	MACROD1	0.0280934	0.0530697	14.2382	14.2382	0.187551	5.40658	5.40658	0.226058	4.64599	4.64599	0.0400204	17.5966	17.5966	0.95354	0.932021	-1.07294
cg15037583	MACROD1	0.0283873	0.60009	1.20197	1.20197	0.00569026	3.52972	3.52972	0.0119114	2.97852	2.97852	0.558953	1.22816	1.22816	0.265713	1.4968	1.4968
cg14842237	MACROD1	0.0311535	0.0606998	0.406894	-2.45764	0.0107517	0.255931	-3.9073	0.274656	0.616729	-1.62146	0.255441	0.60359	-1.65675	0.028698	0.333764	-2.99613
cg11659663	MACROD1	0.0411215	0.0518576	2.08463	2.08463	0.0737366	1.93844	1.93844	0.0404014	2.19474	2.19474	0.840427	1.06923	1.06923	0.0369405	0.447288	-2.23569
cg24687543	MACROD1	0.0430788	0.716892	0.920982	-1.0858	0.124017	0.686253	-1.45719	0.469994	0.846927	-1.18074	0.598875	1.12748	1.12748	0.0153816	0.510547	-1.95868
cg10612274	MACROD1	0.0442366	0.148997	3.10809	3.10809	0.122632	3.4069	3.4069	0.649288	1.39861	1.39861	0.087001	3.99432	3.99432	0.943259	1.05354	1.05354
cg12424921	MACROD1	0.0453465	0.0454182	2.16998	2.16998	0.00977408	3.01317	3.01317	0.104523	1.82038	1.82038	0.365452	1.3688	1.3688	0.302853	1.43379	1.43379
cg15769472	MACROD1	0.0489112	0.325082	1.49311	1.49311	0.825426	1.09105	1.09105	0.894175	1.0539	1.0539	0.239033	1.62649	1.62649	0.0022079	0.184082	-5.43237
cg24952936	MACROD1;FLRT1	0.000666765	0.525701	0.838683	-1.19235	0.390654	1.27207	1.27207	0.227965	1.41371	1.41371	0.0130077	0.430376	-2.32355	2.70E-05	0.103625	-9.65016
cg16329509	MACROD1;FLRT1	0.0169656	0.29095	0.772105	-1.29516	0.000722386	0.297032	-3.36664	0.953476	0.986325	-1.01386	0.850185	1.04564	1.04564	0.521499	0.857835	-1.16573
cg17502614	MACROD2	0.000191214	0.972374	1.00784	1.00784	5.46E-05	0.183777	-5.44137	0.000266009	0.25942	-3.85475	0.269759	0.771819	-1.29564	0.00215796	0.378845	-2.6396
cg11497924	MACROD2	0.0105546	0.48051	0.89621	-1.11581	0.170979	1.24951	1.24951	0.00100912	0.474475	-2.10759	0.407011	0.87844	-1.13838	0.128104	1.28576	1.28576
cg25697357	MACROD2	0.0253673	0.0504299	1.89909	1.89909	0.00569792	0.352413	-2.83758	0.0432348	0.512287	-1.95203	0.243841	1.42013	1.42013	0.606181	1.16135	1.16135
cg26059153	MACROD2;MACROD2	0.000605236	0.000408878	0.117554	-8.5067	0.00117077	5.99873	5.99873	?	?	?	?	?	?	0.0553447	0.457675	-2.18496
cg02078896	MACROD2;MACROD2	0.00670663	0.000296112	0.224481	-4.45473	0.0683552	0.596071	-1.67765	0.00183511	0.325601	-3.07124	0.0885131	0.620992	-1.61033	0.743935	0.920256	-1.08665
ch.20.325487R	MACROD2;MACROD2	0.01637	0.0114793	0.259494	-3.85365	0.00500036	0.205038	-4.87714	0.0415112	0.36688	-2.72569	0.0158829	0.283659	-3.52535	0.00852936	0.238873	-4.18633
cg08559712	MACROD2;MACROD2	0.0275964	0.0118387	0.279335	-3.57993	0.0649937	0.431304	-2.31855	0.890485	0.945623	-1.0575	0.0908153	0.469499	-2.12993	0.396031	0.702755	-1.42297
cg09937190	MACROD2;MACROD2;MACROD2	0.000145108	0.00159708	0.401845	-2.48852	0.0880488	0.684583	-1.46074	0.000360041	0.316009	-3.16447	0.19176	0.757153	-1.32074	2.33E-05	0.182332	-5.4845
cg20782252	MAD1L1;MAD1L1;MAD1L1	8.76E-07	1.50E-06	0.365072	-2.73919	0.00254394	1.41359	1.41359	0.00621393	1.34294	1.34294	1.14E-06	0.352169	-2.83955	0.0185127	0.789715	-1.26628
cg07480854	MAD1L1;MAD1L1;MAD1L1	1.03E-06	3.96E-07	0.302872	-3.30172	0.00262689	0.709408	-1.40963	0.621104	1.04193	1.04193	0.00576623	1.34748	1.34748	7.42E-08	0.227505	-4.39551
cg25314733	MAD1L1;MAD1L1;MAD1L1	1.95E-06	0.000475278	0.607675	-1.64562	0.917002	0.990581	-1.00951	0.00207443	0.674628	-1.4823	0.805244	1.02268	1.02268	3.29E-08	0.163957	-6.09914
cg08858130	MAD1L1;MAD1L1;MAD1L1	1.34E-05	0.0056147	0.792042	-1.26256	0.0421001	1.16203	1.16203	8.15E-05	0.634067	-1.57712	0.000418445	0.698569	-1.4315	0.00262508	0.765606	-1.30615
cg22662844	MAD1L1;MAD1L1;MAD1L1	1.90E-05	0.0215629	0.746157	-1.3402	0.273782	0.886184	-1.12843	1.18E-05	0.373873	-2.6747	2.48E-05	0.410946	-2.43341	0.00142328	0.612814	-1.63182
cg12932675	MAD1L1;MAD1L1;MAD1L1	5.18E-05	0.342783	0.929992	-1.07528	5.85E-05	0.575384	-1.73797	0.000410041	0.659223	-1.51694	0.565535	0.957781	-1.04408	0.740513	1.02499	1.02499
cg07095637	MAD1L1;MAD1L1;MAD1L1	6.62E-05	0.00797166	0.58048	-1.72271	0.05151	1.41554	1.41554	0.53074	0.906885	-1.10268	0.0418617	0.691806	-1.44549	5.67E-06	0.163733	-6.1075
cg22550943	MAD1L1;MAD1L1;MAD1L1	0.000137094	0.00381458	0.538714	-1.85627	0.0015143	0.484604	-2.06354	5.10E-06	0.193078	-5.17925	0.702636	1.06271	1.06271	0.000266862	0.387185	-2.58274
cg14224782	MAD1L1;MAD1L1;MAD1L1	0.000207625	0.000502947	0.400577	-2.4964	0.00182488	0.474734	-2.10644	0.00173168	0.471645	-2.12024	0.127675	0.758049	-1.31918	0.000121713	0.323537	-3.09084
cg11601967	MAD1L1;MAD1L1;MAD1L1	0.000221008	0.414876	0.841043	-1.189	4.49E-05	0.200974	-4.97576	0.000142363	0.255995	-3.90632	0.0288763	0.585555	-1.70778	0.000850288	0.352967	-2.83312
cg07284879	MAD1L1;MAD1L1;MAD1L1	0.000225752	0.000241518	0.452458	-2.21015	3.02E-05	0.344614	-2.9018	0.000289439	0.462053	-2.16425	0.0036647	0.598647	-1.67043	0.00065436	0.505552	-1.97804
cg00853819	MAD1L1;MAD1L1;MAD1L1	0.00023991	0.0151716	0.656724	-1.52271	0.0299029	0.697578	-1.43353	6.62E-06	0.243565	-4.10568	0.0530067	1.36336	1.36336	0.000674527	0.480532	-2.08103
cg23043544	MAD1L1;MAD1L1;MAD1L1	0.000264171	0.0709215	0.722057	-1.38493	0.455659	0.884589	-1.13047	0.13653	0.771911	-1.29549	0.000634082	0.428624	-2.33305	0.147222	0.778	-1.28535
cg09174162	MAD1L1;MAD1L1;MAD1L1	0.000277353	0.00518076	0.3478	-2.87522	0.000166143	0.159478	-6.27044	0.000936991	0.243433	-4.1079	0.739467	1.10022	1.10022	6.59E-05	0.123072	-8.12535
cg23150499	MAD1L1;MAD1L1;MAD1L1	0.000341497	0.262004	1.23617	1.23617	0.250517	0.804398	-1.24317	0.000776934	0.397791	-2.51389	0.107164	1.37546	1.37546	0.0019864	0.453082	-2.2071
cg22396663	MAD1L1;MAD1L1;MAD1L1	0.000358337	0.110075	0.899137	-1.11218	0.38108	1.05638	1.05638	0.307845	1.06656	1.06656	0.0592365	1.13885	1.13885	0.113524	1.11085	1.11085
cg06733294	MAD1L1;MAD1L1;MAD1L1	0.000378672	0.138142	0.788157	-1.26878	0.00568436	1.71756	1.71756	0.0113612	1.6041	1.6041	0.0112471	1.60566	1.60566	1.80E-05	0.270995	-3.6901
cg25020969	MAD1L1;MAD1L1;MAD1L1	0.00043399	0.00526566	0.510393	-1.95927	0.00102275	0.410661	-2.4351	0.000226619	0.326078	-3.06675	0.037473	1.55475	1.55475	0.896219	0.976427	-1.02414
cg21178979	MAD1L1;MAD1L1;MAD1L1	0.000547492	0.0236333	0.55488	-1.80219	7.23E-05	0.206993	-4.83107	0.027408	0.566232	-1.76606	0.191267	0.739636	-1.35202	8.29E-05	0.213326	-4.68766
cg13447684	MAD1L1;MAD1L1;MAD1L1	0.000630443	0.201951	0.825209	-1.21181	0.11708	0.784471	-1.27475	0.015587	0.655158	-1.52635	0.0240093	0.681206	-1.46798	0.0113684	0.636464	-1.57118
cg16961070	MAD1L1;MAD1L1;MAD1L1	0.000635325	0.0047719	0.693055	-1.44289	0.0228775	1.30531	1.30531	0.546363	1.06156	1.06156	0.134776	0.85403	-1.17092	0.000174942	0.536285	-1.86468
cg08607108	MAD1L1;MAD1L1;MAD1L1	0.000704765	0.345677	1.23026	1.23026	0.126609	1.42274	1.42274	0.000181859	0.259014	-3.8608	0.086561	0.667687	-1.49771	0.000256803	0.276892	-3.61151
cg02983650	MAD1L1;MAD1L1;MAD1L1	0.000898982	0.0735126	0.819153	-1.22077	0.000271311	0.550567	-1.81631	0.696299	1.04	1.04	0.0833822	1.2112	1.2112	0.000276596	0.551507	-1.81321
cg23001930	MAD1L1;MAD1L1;MAD1L1	0.000961716	0.055076	1.40457	1.40457	0.997231	0.999458	-1.00054	0.00266746	0.522678	-1.91322	0.874185	0.975553	-1.02506	0.113482	0.764136	-1.30867
cg18641463	MAD1L1;MAD1L1;MAD1L1	0.000980014	0.939889	0.969489	-1.03147	0.226114	0.593199	-1.68577	0.000560978	0.111042	-9.00557	0.262345	0.618673	-1.61636	7.59E-05	0.0524243	-19.0751
cg23378565	MAD1L1;MAD1L1;MAD1L1	0.00121105	0.0437138	0.660152	-1.5148	0.000336316	0.355028	-2.81668	0.000255693	0.340043	-2.94081	0.301334	1.21145	1.21145	0.0011588	0.42538	-2.35084
cg14401372	MAD1L1;MAD1L1;MAD1L1	0.00128144	0.00154463	0.551475	-1.81332	0.224541	0.846423	-1.18144	0.141364	0.813259	-1.22962	0.906667	0.984788	-1.01545	0.328653	1.14084	1.14084
cg19147804	MAD1L1;MAD1L1;MAD1L1	0.0014828	0.0314551	1.52133	1.52133	0.00546127	1.83623	1.83623	0.000238543	0.363584	-2.7504	0.244187	0.8166	-1.22459	0.00379631	1.91416	1.91416
cg09776772	MAD1L1;MAD1L1;MAD1L1	0.00149946	0.105857	0.480507	-2.08113	0.00199164	0.163439	-6.1185	0.00924459	0.25392	-3.93825	0.187215	0.559891	-1.78606	0.000199465	0.0748898	-13.3529
cg22460466	MAD1L1;MAD1L1;MAD1L1	0.00169849	0.000261602	0.309734	-3.22857	0.0515065	0.648649	-1.54167	0.47933	0.868984	-1.15077	0.349354	0.828509	-1.20699	0.00169675	0.416618	-2.40028
cg03694580	MAD1L1;MAD1L1;MAD1L1	0.00173282	0.00636173	0.134987	-7.40813	0.238842	2.00488	2.00488	0.482841	1.49503	1.49503	0.445068	1.55109	1.55109	0.0524593	0.288388	-3.46755
cg25597952	MAD1L1;MAD1L1;MAD1L1	0.00178603	0.00090516	0.512675	-1.95055	0.398508	0.890176	-1.12337	0.136557	0.805847	-1.24093	0.447386	1.10984	1.10984	0.00038593	0.466659	-2.14289
cg25300390	MAD1L1;MAD1L1;MAD1L1	0.00184141	0.0380039	0.633109	-1.57951	0.100463	0.710387	-1.40768	0.817844	1.04482	1.04482	0.849709	0.964593	-1.03671	0.0407814	0.638406	-1.5664
cg20943353	MAD1L1;MAD1L1;MAD1L1	0.00190686	0.86977	0.969782	-1.03116	0.000138351	3.42753	3.42753	0.000559648	2.72023	2.72023	0.472335	1.14649	1.14649	0.0609512	0.673706	-1.48433

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25867632	0.152435	0.438031	-2.28294	0.00651302	0.148947	-6.7138	0.459488	0.666578	-1.5002	0.0380726	0.273943	-3.65039	3.57609	16.4262	4.08298	1
cg04496081	0.0420234	0.235003	-4.25527	0.00437418	0.0951187	-10.5132	0.00197757	0.0671119	-14.9005	0.0424519	0.23592	-4.23873	6.4803	39.2086	5.37816	1
cg16365728	0.0431366	0.224775	-4.44888	0.0131256	0.139008	-7.19382	0.00190482	0.0595164	-16.8021	0.0704042	0.27326	-3.65951	5.69571	37.1246	5.79377	1
cg15226751	0.27886	0.816253	-1.22511	0.0708262	0.694894	-1.43907	0.679031	0.927713	-1.07792	0.00106625	0.418065	-2.39197	12.5158	6.44564	0.457777	1
cg24259629	0.519908	0.889449	-1.12429	0.432812	0.866092	-1.15461	0.936337	0.985755	-1.01445	0.615805	1.09512	1.09512	26.7869	13.6844	0.454099	1
cg04817148	0.590667	0.870644	-1.14857	9.93E-06	0.0888093	-11.2601	0.0567149	0.576821	-1.73364	0.619345	0.880065	-1.13628	11.4374	11.7891	0.916219	1
cg03032607	0.0619827	0.49547	-2.01829	0.212756	0.644999	-1.55039	0.0478832	0.469624	-2.12936	0.115606	0.564647	-1.77102	8.00975	14.1644	1.5719	1
cg12857957	0.010257	0.696225	-1.43632	0.116677	0.826336	-1.21016	0.56005	0.936182	-1.06817	0.226508	1.1527	1.1527	5.62914	1.11645	0.176296	1
cg18713168	0.0815364	0.313453	-3.19027	0.256647	0.494239	-2.02331	0.422825	1.6253	1.6253	0.684458	0.785214	-1.27354	5.11684	24.658	4.21661	1
cg18769584	0.0704505	0.464854	-2.15121	0.0351177	0.39456	-2.53447	0.301768	0.666751	-1.49981	0.0292185	0.377785	-2.64701	4.45561	10.1295	2.02083	1
cg05168344	0.980616	1.00617	1.00617	0.215675	0.71898	-1.39086	0.00832708	0.425785	-2.3486	8.28E-05	0.166171	-6.0179	19.7801	20.0812	0.90242	1
cg11982252	0.0265751	0.418265	-2.39083	0.000343119	0.147877	-6.76235	0.0792826	0.524138	-1.9079	0.000168844	0.119765	-8.3497	19.2773	33.5715	1.548	1
cg05139924	0.259144	0.875533	-1.14216	0.00404695	1.54626	1.54626	0.420674	0.911297	-1.09734	0.00166505	1.6617	1.6617	7.13679	1.44096	0.179472	1
cg03352409	0.242294	1.15523	1.15523	0.00612194	0.655852	-1.52473	0.941008	0.991311	-1.00876	0.279273	1.14184	1.14184	5.63643	1.24114	0.195733	1
cg09978259	0.0022233	0.244904	-4.08323	0.0995329	0.552821	-1.8089	0.398793	0.753049	-1.32793	0.0741239	0.520265	-1.9221	5.02397	8.57718	1.51756	1
cg16934981	0.532075	0.76769	-1.30261	0.314407	0.647544	-1.5443	0.744754	1.1462	1.1462	0.960412	1.02095	1.02095	3.39135	9.37157	2.45634	1
cg23098062	0.320473	1.37091	1.37091	0.00492461	0.318298	-3.14171	0.682613	0.881308	-1.13468	0.337422	1.35517	1.35517	3.46678	5.18564	1.32961	1
cg10250776	0.7912	1.01964	1.01964	9.25E-06	2.01813	2.01813	0.418891	1.0624	1.0624	0.633	1.03588	1.03588	17.2022	1.46317	0.0756065	1
cg06879998	0.137014	1.57658	1.57658	0.00486265	2.8898	2.8898	0.0790247	1.74069	1.74069	0.300618	1.35642	1.35642	5.21435	6.67129	1.13725	1
cg10669285	0.0358776	1.36382	1.36382	0.0609746	0.764592	-1.30789	0.939922	1.00963	1.00963	0.0386721	1.35576	1.35576	32.6055	8.34234	0.227428	1
cg19209225	0.0231252	2.41769	2.41769	1.86E-06	47.0756	47.0756	0.83893	0.935983	-1.0684	0.933919	0.973403	-1.02732	23.1144	38.6819	1.48755	1
cg08262876	0.00319322	3.74598	3.74598	5.54E-06	28.9661	28.9661	0.716564	0.887266	-1.12706	0.253568	0.676274	-1.47869	19.5861	33.3837	1.51507	1
cg10170214	0.00294592	2.79854	2.79854	0.00023502	4.6502	4.6502	8.61E-05	5.91023	5.91023	0.00243944	2.89542	2.89542	16.6834	16.7864	0.894375	1
cg17130504	0.0264675	6.1543	6.1543	5.97E-06	1114.87	1114.87	0.0399878	0.194085	-5.15237	0.614718	1.41981	1.41981	16.4053	123.93	6.71491	1
cg27255678	0.0172638	6.11213	6.11213	9.65E-06	719.704	719.704	0.179495	0.418863	-2.38742	0.535634	0.683831	-1.46235	18.1418	102.851	4.40945	1
cg00036732	0.0150607	0.602522	-1.65969	0.00224205	0.484029	-2.06599	0.000465129	2.54344	2.54344	0.114833	1.33747	1.33747	13.7052	6.24178	0.404827	1
cg26266098	0.170895	1.64053	1.64053	1.52E-05	20.9497	20.9497	0.194145	1.59418	1.59418	0.0849997	1.90901	1.90901	13.589	24.8057	1.62259	1
cg25179470	0.179619	2.25601	2.25601	1.41E-05	175.472	175.472	0.238656	2.02279	2.02279	0.446958	1.55654	1.55654	12.0953	62.4187	4.58718	1
cg25096861	0.501212	1.35105	1.35105	1.73E-05	48.461	48.461	0.252822	1.69287	1.69287	0.216662	1.77354	1.77354	10.6619	32.8027	2.73478	1
cg06822657	0.00851237	1.6815	1.6815	0.362778	1.15577	1.15577	0.591964	1.08734	1.08734	0.106316	1.31384	1.31384	6.82718	2.59	0.337214	1
cg11766011	0.084025	1.29235	1.29235	0.0106048	1.53901	1.53901	0.00905397	1.5605	1.5605	0.00880345	1.56437	1.56437	5.92486	1.6887	0.253351	1
cg06518233	0.0551742	2.70768	2.70768	0.0034136	6.19107	6.19107	0.00707935	4.92619	4.92619	0.025346	3.38049	3.38049	4.74093	15.7642	2.95568	1
cg05311720	0.906349	1.02187	1.02187	0.000956114	2.47154	2.47154	0.282037	1.22819	1.22819	0.987989	1.00277	1.00277	4.33491	2.32094	0.475917	1
cg02009103	0.147303	2.75911	2.75911	0.028984	5.36657	5.36657	0.0117022	7.81386	7.81386	0.0243332	5.76427	5.76427	3.73309	25.1858	5.99702	1
cg02613435	0.0025313	3.2425	3.2425	2.52E-07	74.4955	74.4955	0.436814	1.24937	1.24937	0.773948	1.08418	1.08418	34.0501	42.4803	1.10896	1
cg02299205	0.331338	0.826796	-1.20949	0.000371282	0.339279	-2.94742	0.345619	0.831668	-1.2024	0.420158	0.855307	-1.16917	7.41928	4.23145	0.506961	1
cg01516440	0.158195	0.49109	-2.03629	0.000100109	0.0386813	-25.8523	0.635985	0.79872	-1.252	0.914262	0.950502	-1.05208	6.46113	22.7365	3.12797	1
cg03826601	0.176881	1.24117	1.24117	0.000476572	0.438004	-2.28309	0.311525	1.17069	1.17069	0.331903	1.16262	1.16262	5.37642	1.92909	0.318938	1
cg16831050	0.063125	0.48681	-2.05419	0.000627354	0.163528	-6.11516	0.566715	0.819189	-1.22072	0.163141	0.598902	-1.66972	5.7003	10.7084	1.66983	1
cg20334738	0.00048709	0.0625118	-15.997	0.0302757	3.63934	3.63934	0.480757	0.69524	-1.43835	0.176246	2.07345	2.07345	5.78878	23.5824	3.62116	1
cg05878390	0.0162518	0.180907	-5.52771	0.0115108	6.28828	6.28828	0.308861	1.84538	1.84538	0.14733	2.47081	2.47081	4.52351	24.2457	4.76438	1
cg14904733	0.90381	0.972644	-1.02813	0.0102822	2.10007	2.10007	0.74313	0.927329	-1.07837	0.0892715	1.5371	1.5371	4.34378	3.62121	0.741026	1
cg20481837	0.654546	0.872313	-1.14638	0.0166387	2.4276	2.4276	0.742086	1.10536	1.10536	0.0510834	1.96185	1.96185	3.45053	5.02761	1.29516	1
cg14752361	0.00412548	0.329531	-3.03462	0.000335001	0.188368	-5.30875	0.0130735	0.411331	-2.43113	0.00683942	0.363892	-2.74807	12.5528	16.5559	1.17236	1
cg26959945	0.00567384	0.41996	-2.38118	0.00080487	0.298456	-3.35057	0.11101	1.51456	1.51456	0.00371922	0.391817	-2.55221	12.378	11.2067	0.804778	1
cg12424504	0.032229	0.565297	-1.76898	0.000232509	0.249336	-4.01065	0.0017832	2.74927	2.74927	0.63591	0.897215	-1.11456	11.6218	9.52026	0.728154	1
cg23230834	0.0957276	0.361163	-2.76883	0.273391	1.88587	1.88587	0.00525918	7.75416	7.75416	0.180497	2.20663	2.20663	4.89402	24.0092	4.36074	1
cg21710826	0.557575	0.89845	-1.11303	0.0826823	1.41481	1.41481	0.343307	0.838396	-1.19275	0.00922874	0.550645	-1.81605	4.47315	2.30943	0.458922	1
cg03840849	0.0917156	0.60592	-1.65038	0.0088575	2.45704	2.45704	0.0147055	2.24847	2.24847	0.529006	1.18778	1.18778	3.90825	4.50641	1.02493	1
cg19856520	0.00608322	1.86827	1.86827	0.672423	1.07704	1.07704	0.000210572	2.94875	2.94875	0.331757	0.839675	-1.19094	19.3695	9.34166	0.4287	1
cg05671762	0.00111727	0.687576	-1.45439	0.00075034	0.670989	-1.49034	0.0673381	0.852167	-1.17348	0.84178	0.984525	-1.01572	10.8288	1.04436	0.085727	1
cg24159575	0.165959	0.792341	-1.26208	0.0551983	0.710013	-1.40842	0.109076	1.31694	1.31694	0.00190093	0.499976	-2.0001	8.84296	3.47668	0.349474	1
cg26906273	?	?	?	0.855798	0.92718	-1.07854	0.889806	0.944011	-1.05931	0.466146	1.36103	1.36103	8.65981	21.0604	2.43197	1
cg08480461	0.0399362	0.482771	-2.07137	0.000335984	0.169789	-5.88968	0.234771	1.46509	1.46509	0.0379781	0.478167	-2.09132	8.37839	12.4788	1.32392	1
cg17074958	0.146742	0.722982	-1.38316	0.00373825	0.442454	-2.26012	0.00844887	2.01447	2.01447	0.57634	1.12475	1.12475	7.82737	5.37715	0.610638	1
cg08944940	0.811467	0.901205	-1.10963	0.00635776	0.213054	-4.69365	0.299043	0.625916	-1.59766	0.00872469	0.233486	-4.28291	6.65602	19.9758	2.6677	1
cg07554759	0.0360238	2.50376	2.50376	0.556138	1.25112	1.25112	0.00157253	5.52204	5.52204	0.655952	1.18382	1.18382	5.37462	12.0558	1.99387	1
cg06115679	0.195041	0.768687	-1.30092	0.0042603	2.08353	2.08353	0.447592	1.16016	1.16016	0.572319	0.896271	-1.11573	4.86579	2.83895	0.518624	1
cg14018543	0.790969	0.945628	-1.0575	0.84113	0.958642	-1.04314	0.186939	1.34231	1.34231	0.00613796	0.471184	-2.12231	4.75378	3.33464	0.623529	1
cg18647268	0.387275	1.59657	1.59657	0.0560786	3.13414	3.13414	0.027062	3.98177	3.98177	0.534622	1.39376	1.39376	4.39376	19.3952	3.92378	1
cg06895953	0.225381	0.832837	-1.20071	0.0220977	1.4833	1.4833	0.322656	0.863495	-1.15808	0.419709	0.888303	-1.12574	4.19264	1.37045	0.290552	1
cg27292099	0.322475	1.5051	1.5051	0.00193316	0.172883	-5.78427	0.021231	3.0283	3.0283	0.0391815	0.384919	-2.59795	9.21902	23.3674	2.25306	1
cg00790970	0.015803	0.434578	-2.30109	0.0198805	0.452802	-2.20847	0.0567166	1.83652	1.83652	0.191899	0.677497	-1.47602	4.8023	6.04167	1.11829	1
cg14082530	0.0497467	0.466688	-2.14276	0.0945766	0.534914	-1.86946	0.0377623	2.27139	2.27139	0.409515	0.750363	-1.33269	4.07165	7.47612	1.63213	1
cg10198749	0.0255669	0.242352	-4.12623	0.00809122	0.163336	-6.12234	0.36758	0.609874	-1.63968	0.041344	0.284439	-3.51569	3.81421	17.2443	4.01874	1
cg07837729	0.154472	0.848012	-1.17923	0.650063	1.05064	1.05064	0.0130898	1.395	1.395	0.000382298	1.84673	1.84673	13.7412	2.54623	0.16471	1
cg17257587	0.00894103	0.520006	-1.92305	0.0476199	1.56119	1.56119	0.0208459	0.57875	-1.72786	0.0224214	0.583999	-1.71233	11.4052	6.98434	0.544339	1
cg14085017	9.15E-05	3.16379	3.16379	0.509893	1.11647	1.11647	0.405728	0.869193	-1.15049	0.00024839	2.70948	2.70948	10.6724	4.591	0.382377	1
cg11642412	0.0158812	4.13897	4.13897	8.91E-05	29.1767	29.1767	0.614313	0.783209	-1.2768	0.00610911	5.59029	5.59029	9.86209	36.1214	3.25569	1
cg17681750	0.09875	1.96123	1.96123	0.000767169	6.65862	6.65862	0.161772	0.57355	-1.74353	0.0363215	2.4732	2.4732	8.06223	17.6778	1.94904	1
cg20996312	0.904844	0.971101	-1.02976	0.0192662	0.49948	-2.00208	0.642424	1.12149	1.12149	0.631896	0.888382	-1.12564	7.90833	7.53101	0.846479	1
cg26993251	0.626058	1.12356	1.12356	0.0006738	0.291245	-3.43354	0.00221097	0.361479	-2.76641	0.633189	0.892199	-1.12083	7.80767	6.95974	0.792354	1
cg08843756	0.319736	0.728958	-1.37182	0.000832163	0.212936	-4.69625	0.137267	0.611327	-1.63578	0.0371165	2.10459	2.10459	7.42469	11.1165	1.33088	1
cg07521668	0.176198	0.80443	-1.24312	0.0194639	0.652166	-1.53335	0.183268	0.807601	-1.23824	0.00120352	0.487827	-2.04991	6.9729	2.52927	0.322426	1
cg06325565	0.00867196	0.303317	-3.29688	0.0649145	0.477526	-2.09413	0.00261232	0.226171	-4.42144	0.0344793	0.415057	-2.40931	6.84317	13.7806	1.79002	1
cg01882150	0.0162939	0.72532	-1.3787	0.000246687	0.515872	-1.93847	0.0873774	0.813565	-1.22916	0.853768	0.98003	-1.02038	5.97569	1.13123	0.168272	1
cg06871262	0.568798	1.13067	1.13067	0.000351009	0.293759	-3.40415	0.118331	1.43561	1.43561	0.541293	0.876455	-1.14096	5.77218	4.15725	0.640197	1
cg01804278	0.00812363	0.206662	-4.83883	0.00376739	0.162164	-6.1666	0.10262	0.43562	-2.29558	0.109325	0.443817	-2.25318	5.60438	19.215	3.04761	1
cg02374207	0.205486	1.28215	1.28215	0.941861	0.98652	-1.01366	0.92254	1.01826	1.01826	0.479173	0.874714	-1.14323	5.51917	3.02637	0.487412	1
cg19674138	0.0209519	0.605726	-1.65091	0.00237783	0.465561	-2.14795	0.858558	1.03272	1.03272	0.168577	1.30311	1.30311	5.05709	2.60841	0.458482	1
cg19324462	0.198375	1.81283	1.81283	0.292545	1.61269	1.61269	0.301299	1.59791	1.59791	0.268696	1.6556	1.6556	4.81216	14.5973	2.69637	1
cg04683210	0.429367	1.41308	1.41308	0.283373	0.620194	-1.6124	0.246894	1.68028	1.68028	0.502849	1.33836	1.33836	4.80718	13.9865	2.58623	1
cg11364273	0.0597312	10.1479	10.1479	0.00120316	176.51	176.51	0.224772	4.01771	4.01771	0.0077315	41.7504	41.7504	4.72844	89.0855	16.747	1
cg07589519	0.162575	0.594146	-1.68309	0.13769	0.572198	-1.74765	0.0490349	0.456225	-2.1919	0.94334	0.975483	-1.02513	4.72545	9.12746	1.71694	1
cg18545771	0.00252567	3.83432	3.83432	0.00359014	3.53972	3.53972	0.0298678	2.26859	2.26859	0.0525236	2.02715	2.02715	4.67207	7.60275	1.44647	1
cg19230459	0.491036	1.13916	1.13916	0.0719241	1.45382	1.45382	0.125447	1.36192	1.36192	0.766409	1.05706	1.05706	4.66707	2.56447	0.488429	1
cg05180512	0.367452	0.899441	-1.1118	0.371306	1.11081	1.11081	0.035181	0.75513	-1.32427	0.00760413	0.675073	-1.48132	4.58359	0.951322	0.184489	1
cg14078730	0.961573	1.00905	1.00905	0.0796847	1.43856	1.43856	0.776444	0.948164	-1.05467	0.295539	0.816431	-1.22484	4.50113	2.49199	0.492121	1
cg20219100	0.491533	1.12324	1.12324	0.0456087	1.46414	1.46414	0.00577394	0.547923	-1.82507	0.809004	1.0411	1.0411	4.48263	1.96429	0.389512	1
cg00712857	0.0406981	4.84774	4.84774	0.00300312	15.1563	15.1563	0.605946	1.41571	1.41571	0.0208194	6.41406	6.41406	4.26293	30.1307	6.28273	1
cg03423149	0.0552987	13.8053	13.8053	0.00206358	189.3	189.3	0.147719	6.53195	6.53195	0.00913894	54.6438	54.6438	4.18287	96.721	20.5539	1
cg15037583	0.107728	1.84118	1.84118	0.00269472	4.22889	4.22889	0.164704	1.67444	1.67444	0.200405	1.60053	1.60053	4.16755	7.98221	1.70251	1
cg14842237	0.0734842	0.428019	-2.33634	0.00585257	0.215643	-4.6373	0.012843	0.268764	-3.72074	0.0542525	0.394999	-2.53165	4.03232	11.548	2.54565	1
cg11659663	0.118453	1.75556	1.75556	0.472145	1.27485	1.27485	0.0477651	0.47164	-2.12026	0.91554	1.03585	1.03585	3.64575	6.3656	1.55203	1
cg24687543	0.0123722	0.494665	-2.02157	0.0057055	0.440708	-2.26907	0.9067	1.02686	1.02686	0.679119	0.910259	-1.09859	3.58341	2.8997	0.719291	1
cg10612274	0.110833	3.5715	3.5715	0.00381901	17.4269	17.4269	0.0125054	9.74462	9.74462	0.0378284	5.84001	5.84001	3.54815	30.1729	7.55895	1
cg12424921	0.0176027	2.6514	2.6514	0.00789202	3.15979	3.15979	0.0779821	1.9371	1.9371	0.218849	1.54743	1.54743	3.51541	6.34585	1.60458	1
cg15769472	0.141546	1.86561	1.86561	0.370276	1.43756	1.43756	0.636245	1.20676	1.20676	0.205533	1.69359	1.69359	3.41657	8.4205	2.19076	1
cg24952936	0.00268182	0.321315	-3.11221	0.777899	1.08043	1.08043	0.720843	1.10315	1.10315	0.0018348	0.297952	-3.35625	13.1894	15.6351	1.05372	1
cg16329509	0.0135199	0.486059	-2.05736	0.177553	1.40239	1.40239	0.145921	0.691821	-1.44546	0.081937	0.634507	-1.57603	4.97285	4.38674	0.784123	1
cg17502614	0.224228	0.749956	-1.33341	0.0166584	0.517456	-1.93253	1.71E-05	0.136927	-7.30315	0.0134351	0.501659	-1.99338	18.5962	14.9596	0.715059	1
cg11497924	0.0164306	1.56522	1.56522	0.126974	1.28688	1.28688	0.250427	1.20143	1.20143	0.222391	0.82206	-1.21646	5.80925	2.14821	0.328703	1
cg25697357	0.270423	1.39107	1.39107	0.167706	0.655096	-1.52649	0.0708957	1.78684	1.78684	0.671578	0.884554	-1.13051	4.33517	5.68084	1.16481	1
cg26059153	?	?	?	?	?	?	0.013574	0.327866	-3.05002	0.125106	1.80937	1.80937	19.0002	20.374	1.50123	1
cg02078896	0.951695	0.984758	-1.01548	0.539329	0.85422	-1.17066	0.641599	0.88794	-1.1262	0.0255529	0.510337	-1.95949	6.70389	6.8252	0.904974	1
ch.20.325487R	0.460482	0.725758	-1.37787	0.00890053	0.241747	-4.13655	0.0367036	0.355099	-2.81612	0.283843	0.62191	-1.60795	5.03254	14.5038	2.56178	1
cg08559712	0.585333	0.799634	-1.25057	0.00166939	0.161281	-6.20036	0.858741	0.930251	-1.07498	0.023542	0.333655	-2.9971	4.20924	10.9803	2.31877	1
cg09937190	0.0224369	0.576639	-1.73419	0.000230303	0.291955	-3.42519	0.975894	0.993936	-1.0061	4.35E-05	0.209742	-4.76776	20.0351	12.8587	0.570498	1
cg20782252	0.387916	1.07589	1.07589	2.78E-05	1.97782	1.97782	0.0456088	1.20859	1.20859	6.65E-07	0.326358	-3.06412	75.8473	8.20672	0.0961783	1
cg07480854	1.73E-05	0.483965	-2.06627	0.0647123	1.18654	1.18654	0.215136	0.89802	-1.11356	0.626912	0.960423	-1.04121	72.7331	7.82838	0.0956726	1
cg25314733	7.81E-05	0.522656	-1.9133	0.00240742	1.46782	1.46782	0.413403	1.07887	1.07887	0.000361052	0.594945	-1.68083	61.8112	8.06792	0.116022	1
cg08858130	0.413236	0.947774	-1.0551	0.00051032	1.41629	1.41629	0.0870805	0.885897	-1.1288	7.05E-07	0.422204	-2.36853	37.5807	2.44737	0.0578872	1
cg22662844	0.575831	0.94179	-1.06181	0.000883004	1.69685	1.69685	0.185234	0.861516	-1.16074	4.63E-06	0.327967	-3.04909	34.3054	6.11618	0.158477	1
cg12932675	0.0135672	1.25461	1.25461	5.26E-05	1.75261	1.75261	0.000696233	0.681022	-1.46838	0.000442873	0.66242	-1.50962	26.3806	2.30394	0.0776306	1
cg07095637	3.98E-05	0.259714	-3.85039	0.0786198	1.35666	1.35666	0.0225562	0.64932	-1.54007	9.86E-05	0.309943	-3.2264	32.7935	11.9978	0.284556	1
cg22550943	0.407948	1.14363	1.14363	0.384263	1.15195	1.15195	0.467928	1.12424	1.12424	0.97093	0.994239	-1.00579	20.3439	8.10058	0.353941	1
cg14224782	1.77E-05	0.228393	-4.37842	0.938229	0.98705	-1.01312	0.516616	1.11694	1.11694	0.0615158	0.701709	-1.42509	18.1857	8.14649	0.398189	1
cg11601967	0.000241095	0.283149	-3.53171	0.000414231	0.31231	-3.20194	0.935498	0.983328	-1.01695	0.00558493	0.469569	-2.12961	17.8798	12.2173	0.607379	1
cg07284879	0.0554363	0.753146	-1.32776	0.00585614	0.624339	-1.60169	0.0184752	0.68856	-1.45231	0.000284751	0.461186	-2.16832	17.7768	4.80103	0.240064	1
cg00853819	0.017058	0.663678	-1.50676	0.00294749	0.562428	-1.77801	0.42502	0.891508	-1.12169	0.0484177	0.727689	-1.37421	17.4851	5.50284	0.279748	1
cg23043544	0.636031	0.925944	-1.07998	4.60E-05	3.46467	3.46467	0.193827	0.801007	-1.24843	0.000210468	0.367796	-2.7189	17.032	7.02662	0.366715	1
cg09174162	0.452028	0.803106	-1.24517	0.000814458	0.235847	-4.24004	0.0324964	2.04683	2.04683	0.0523626	0.53183	-1.8803	16.807	21.8007	1.15299	1
cg23150499	0.00631	1.9056	1.9056	6.72E-05	0.266232	-3.75613	0.236272	0.798544	-1.25228	0.00215009	0.457863	-2.18406	15.8761	8.2624	0.462604	1
cg22396663	5.06E-05	1.58992	1.58992	3.30E-05	1.63569	1.63569	0.647741	0.972308	-1.02848	0.208598	0.922264	-1.08429	15.6675	0.924741	0.0524646	1
cg06733294	0.155643	0.797288	-1.25425	0.139938	1.26721	1.26721	0.747135	0.952907	-1.04942	0.901659	0.981736	-1.0186	15.4314	5.43422	0.313025	1
cg25020969	0.0103464	0.554091	-1.80476	0.00102029	2.43593	2.43593	0.116681	1.3656	1.3656	0.349071	0.83844	-1.19269	14.8618	7.86514	0.470415	1
cg21178979	0.00337291	0.419323	-2.3848	0.0711634	0.644458	-1.55169	0.0706786	1.55313	1.55313	0.357695	0.813689	-1.22897	13.9348	10.4858	0.668881	1
cg13447684	0.260054	0.845762	-1.18237	0.000481056	2.18353	2.18353	0.0168688	0.659881	-1.51542	9.62E-05	0.371792	-2.68968	13.3975	4.31418	0.286234	1
cg16961070	0.00210801	0.654986	-1.52675	0.00389524	1.4628	1.4628	0.155622	0.861841	-1.16031	0.00897716	0.722396	-1.38428	13.3687	2.02774	0.134825	1
cg08607108	0.335369	0.808989	-1.23611	0.0161789	0.533811	-1.87332	0.852292	1.04057	1.04057	0.000500063	0.312957	-3.19533	12.9862	9.3636	0.640925	1
cg02983650	0.0357045	1.27682	1.27682	0.0486202	1.25256	1.25256	0.0203946	0.756212	-1.32238	0.782469	0.972709	-1.02806	12.1266	1.91965	0.140712	1
cg23001930	0.930095	0.986389	-1.0138	3.40E-05	3.50316	3.50316	0.289582	1.18732	1.18732	0.35404	0.861626	-1.1606	11.8974	4.59711	0.343463	1
cg18641463	0.151987	0.532297	-1.87865	0.000384535	0.0974897	-10.2575	0.619248	1.22853	1.22853	0.162499	0.541914	-1.84531	11.8341	31.6392	2.37651	1
cg23378565	0.813087	0.958461	-1.04334	0.229733	0.797935	-1.25323	0.466787	1.14184	1.14184	0.0120897	0.570957	-1.75144	11.1426	5.66189	0.451671	1
cg14401372	0.918879	0.986774	-1.0134	0.000216186	0.446299	-2.24065	0.137249	1.23268	1.23268	0.00188436	1.77864	1.77864	10.9641	2.966	0.240461	1
cg19147804	0.0902331	0.733102	-1.36407	0.337468	1.17873	1.17873	0.611863	1.08882	1.08882	0.126658	1.31619	1.31619	10.5144	4.60477	0.389287	1
cg09776772	0.423852	0.712542	-1.40343	0.000587988	0.110412	-9.05698	0.157215	1.87321	1.87321	0.019978	0.311881	-3.20635	10.4807	28.5775	2.42372	1
cg22460466	0.00535684	0.488594	-2.04669	0.0973515	0.700986	-1.42656	0.937711	1.01538	1.01538	0.000311187	0.319122	-3.1336	10.1104	6.10628	0.536855	1
cg03694580	0.176995	0.445238	-2.24599	3.78E-05	0.0115601	-86.5047	0.139328	0.407758	-2.45244	0.121859	0.388472	-2.57419	10.052	50.6158	4.47592	1
cg25597952	0.324652	0.872066	-1.1467	0.00860044	1.56988	1.56988	0.0486032	0.738471	-1.35415	0.00828181	0.634859	-1.57515	9.96426	2.85845	0.254996	1
cg25300390	4.20E-05	0.227301	-4.39944	0.0272749	1.64283	1.64283	0.216151	0.780871	-1.28062	0.091844	0.7028	-1.42288	9.87638	5.64856	0.508379	1
cg20943353	0.284579	1.23106	1.23106	0.0184753	1.70639	1.70639	0.40155	1.17417	1.17417	0.964336	0.991673	-1.0084	9.77667	5.41496	0.492325	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25506325	MAD1L1;MAD1L1;MAD1L1	0.00192607	0.717742	0.963689	-1.03768	0.203592	1.14651	1.14651	0.00615033	0.694769	-1.43933	0.230058	1.1369	1.1369	0.000726801	1.68805	1.68805
cg19106179	MAD1L1;MAD1L1;MAD1L1	0.00195528	0.00836828	0.773832	-1.29227	0.430852	1.0631	1.0631	0.362141	0.931197	-1.07389	0.932745	0.993597	-1.00644	0.0121687	1.26846	1.26846
cg18207308	MAD1L1;MAD1L1;MAD1L1	0.0019633	0.171973	1.18762	1.18762	0.00431803	1.5702	1.5702	0.00537279	1.54266	1.54266	0.319955	1.12923	1.12923	0.000447973	1.9247	1.9247
cg19601293	MAD1L1;MAD1L1;MAD1L1	0.00219749	0.00963851	2.06792	2.06792	0.0227334	1.83062	1.83062	0.00620306	2.2064	2.2064	0.11725	1.45838	1.45838	0.947149	0.985407	-1.01481
cg16086269	MAD1L1;MAD1L1;MAD1L1	0.00233904	0.0168264	0.744348	-1.34346	0.00618986	0.696737	-1.43526	0.00244717	0.65266	-1.53219	0.110213	0.838448	-1.19268	0.791889	0.973588	-1.02713
cg25432518	MAD1L1;MAD1L1;MAD1L1	0.00246857	0.0033631	0.34391	-2.90774	0.335368	0.766589	-1.30448	0.00107211	0.274479	-3.64327	0.000564201	0.239309	-4.1787	0.237456	0.718109	-1.39255
cg16770054	MAD1L1;MAD1L1;MAD1L1	0.00256865	0.00702819	0.553307	-1.80731	0.0808928	0.719846	-1.38919	0.000618195	0.408623	-2.44724	0.00268117	0.494205	-2.02345	0.208373	0.798315	-1.25264
cg23563099	MAD1L1;MAD1L1;MAD1L1	0.00298028	0.190014	0.819584	-1.22013	0.54618	1.09149	1.09149	0.000813085	0.484937	-2.06212	0.131287	1.26305	1.26305	0.198593	1.21499	1.21499
cg25397636	MAD1L1;MAD1L1;MAD1L1	0.00305534	0.528435	0.862871	-1.15892	0.000629094	0.297113	-3.36572	0.816509	0.94774	-1.05514	0.0500521	1.6753	1.6753	0.0055243	0.430783	-2.32135
cg02820242	MAD1L1;MAD1L1;MAD1L1	0.00320371	0.0734659	1.27687	1.27687	0.000386509	2.00046	2.00046	0.762797	0.963609	-1.03777	0.277574	0.870849	-1.1483	0.925984	0.988685	-1.01144
cg20295408	MAD1L1;MAD1L1;MAD1L1	0.00338258	0.0192931	0.660412	-1.51421	0.0344018	0.696476	-1.4358	0.00191768	0.525168	-1.90415	0.0623146	0.735206	-1.36016	0.273543	0.846163	-1.18181
cg04101342	MAD1L1;MAD1L1;MAD1L1	0.00346893	0.567303	1.17236	1.17236	0.00221885	3.25078	3.25078	0.00435686	2.85076	2.85076	0.0781919	1.71286	1.71286	0.0118296	0.42131	-2.37355
cg15571623	MAD1L1;MAD1L1;MAD1L1	0.00349758	0.477079	0.812194	-1.23123	0.0137442	2.40252	2.40252	0.775407	0.920988	-1.08579	0.149586	1.55981	1.55981	0.000226842	0.171413	-5.83385
cg23593387	MAD1L1;MAD1L1;MAD1L1	0.00350233	0.00176838	0.442796	-2.25837	0.000825683	0.397942	-2.51293	0.0123169	0.565412	-1.76862	0.0769826	0.697844	-1.43298	0.000491077	0.368326	-2.71498
cg05863683	MAD1L1;MAD1L1;MAD1L1	0.00353984	0.0259474	0.425217	-2.35174	0.0882612	0.544192	-1.83759	0.61224	0.847596	-1.17981	0.381298	1.33707	1.33707	0.00103464	0.207619	-4.81652
cg01719223	MAD1L1;MAD1L1;MAD1L1	0.00375282	0.604626	1.10093	1.10093	0.776141	1.05389	1.05389	0.0641111	0.681793	-1.46672	0.0082254	0.536692	-1.86327	0.000177169	0.310372	-3.22194
cg20347042	MAD1L1;MAD1L1;MAD1L1	0.00377069	0.126215	1.38758	1.38758	0.0200572	0.573809	-1.74274	0.000660338	0.356041	-2.80867	0.181274	1.32444	1.32444	0.00951061	0.521848	-1.91627
cg20396385	MAD1L1;MAD1L1;MAD1L1	0.00390519	0.344113	0.917378	-1.09006	0.0189998	1.28569	1.28569	0.041738	0.812447	-1.23085	0.951911	0.994677	-1.00535	0.614063	0.956001	-1.04602
cg13027177	MAD1L1;MAD1L1;MAD1L1	0.00393885	0.694676	0.947248	-1.05569	0.159747	0.813523	-1.22922	0.00865762	1.5837	1.5837	0.00168944	0.539877	-1.85228	0.611254	0.932002	-1.07296
cg04486919	MAD1L1;MAD1L1;MAD1L1	0.0039816	0.0232026	0.612125	-1.63365	0.00387686	0.494828	-2.0209	0.000195311	0.321997	-3.10562	0.918046	1.01879	1.01879	0.239667	0.800364	-1.24943
cg21503834	MAD1L1;MAD1L1;MAD1L1	0.00406288	0.622765	0.92124	-1.08549	0.100971	0.742909	-1.34606	0.00134462	0.462676	-2.16134	0.868181	0.972892	-1.02786	0.00011229	0.325304	-3.07405
cg19382157	MAD1L1;MAD1L1;MAD1L1	0.00427547	0.056181	0.579404	-1.72591	0.429942	1.22546	1.22546	0.00827854	0.426564	-2.34432	0.00702498	0.414993	-2.40968	0.293874	0.759759	-1.31621
cg18650626	MAD1L1;MAD1L1;MAD1L1	0.0043103	0.239794	1.20144	1.20144	0.358851	1.15105	1.15105	0.216913	0.823894	-1.21375	0.971982	1.00525	1.00525	0.717093	1.05575	1.05575
cg19987253	MAD1L1;MAD1L1;MAD1L1	0.00477698	0.205422	0.777413	-1.28632	0.618499	1.09924	1.09924	0.0152042	0.570099	-1.75408	0.764603	0.944973	-1.05823	0.0751238	0.688311	-1.45283
cg14498572	MAD1L1;MAD1L1;MAD1L1	0.00510848	0.00305406	0.612282	-1.63323	0.0024605	1.66401	1.66401	0.0886966	1.25489	1.25489	0.327178	1.13009	1.13009	0.146946	0.828447	-1.20708
cg18353661	MAD1L1;MAD1L1;MAD1L1	0.00513192	0.0376133	0.713508	-1.40153	0.00198455	0.531448	-1.88165	0.452823	0.900459	-1.11054	0.226112	1.19133	1.19133	0.764967	0.959823	-1.04186
cg02272667	MAD1L1;MAD1L1;MAD1L1	0.00529211	0.00302679	0.320706	-3.11812	0.00385771	0.336363	-2.97298	0.000994361	0.254448	-3.93007	0.0880136	0.590447	-1.69363	0.0137438	0.426345	-2.34552
cg11870042	MAD1L1;MAD1L1;MAD1L1	0.00555406	0.216177	1.32208	1.32208	0.373686	1.2164	1.2164	0.00279506	0.413174	-2.42029	0.0275918	0.571871	-1.74865	0.00742574	0.47725	-2.09534
cg17618327	MAD1L1;MAD1L1;MAD1L1	0.00573909	0.00518232	0.128302	-7.79409	0.160994	0.434701	-2.30043	0.0497131	0.287751	-3.47523	0.39757	0.617553	-1.61929	0.00292348	0.102808	-9.72686
cg07065756	MAD1L1;MAD1L1;MAD1L1	0.00582174	0.0370434	0.629039	-1.58973	0.680757	1.08242	1.08242	0.689066	0.925889	-1.08004	0.0571712	0.662353	-1.50977	0.00470663	0.487208	-2.05251
cg17103856	MAD1L1;MAD1L1;MAD1L1	0.00604833	0.00429545	0.114199	-8.75664	0.0578807	3.26873	3.26873	0.0508371	3.42278	3.42278	0.107804	0.381426	-2.62174	0.0182409	0.201571	-4.96103
cg02383674	MAD1L1;MAD1L1;MAD1L1	0.00611326	0.066102	0.656113	-1.52413	0.0465227	0.627482	-1.59367	0.00159248	0.396043	-2.52498	0.382925	0.832847	-1.2007	0.428528	0.847705	-1.17966
cg06986330	MAD1L1;MAD1L1;MAD1L1	0.0062675	0.482127	1.19114	1.19114	0.000680128	0.280485	-3.56525	0.00154811	0.328066	-3.04817	0.401002	0.810205	-1.23426	0.316701	1.28844	1.28844
cg02519954	MAD1L1;MAD1L1;MAD1L1	0.0064032	0.00781521	0.496673	-2.0134	0.00792715	0.497633	-2.00951	0.019859	0.561955	-1.7795	0.846418	0.961033	-1.04055	0.00333214	0.440868	-2.26825
cg20358061	MAD1L1;MAD1L1;MAD1L1	0.0065704	0.00568343	1.46045	1.46045	0.560363	0.940375	-1.06341	0.0437348	1.27384	1.27384	0.00379263	1.50341	1.50341	0.0128203	1.38089	1.38089
cg04396112	MAD1L1;MAD1L1;MAD1L1	0.00663869	0.174102	0.454232	-2.20152	0.000867307	0.0653609	-15.2997	0.0136081	0.188981	-5.29154	0.545903	1.39595	1.39595	0.0116333	0.178832	-5.59185
cg04622224	MAD1L1;MAD1L1;MAD1L1	0.00665324	0.0264326	0.388363	-2.57491	0.00676498	0.283234	-3.53065	0.00158121	0.195896	-5.10475	0.879362	0.946883	-1.0561	0.00398202	0.248781	-4.01961
cg21110711	MAD1L1;MAD1L1;MAD1L1	0.00706055	0.87312	1.04247	1.04247	0.0560055	0.569292	-1.75657	0.0890708	0.613832	-1.62911	0.00200001	0.321315	-3.11221	0.499989	1.19505	1.19505
cg10617943	MAD1L1;MAD1L1;MAD1L1	0.00712615	0.000193727	0.538157	-1.85819	0.329898	0.90546	-1.10441	0.932615	1.00839	1.00839	0.176704	0.867753	-1.1524	0.401924	0.918756	-1.08843
cg27109748	MAD1L1;MAD1L1;MAD1L1	0.00716208	0.00463035	0.221507	-4.51454	0.702569	0.857693	-1.16592	0.471015	0.745731	-1.34097	0.0983981	0.48422	-2.06518	0.0196146	0.323621	-3.09003
cg15410753	MAD1L1;MAD1L1;MAD1L1	0.00720626	0.0494075	0.789551	-1.26654	0.0030124	0.651455	-1.53503	0.261333	0.883883	-1.13137	0.476399	0.92654	-1.07928	0.974271	1.0034	1.0034
cg12280406	MAD1L1;MAD1L1;MAD1L1	0.0073209	0.146926	0.709028	-1.41038	0.0752819	1.5488	1.5488	0.25365	1.30126	1.30126	0.153432	0.713445	-1.40165	0.000419147	0.290713	-3.43982
cg24813613	MAD1L1;MAD1L1;MAD1L1	0.00736218	0.328142	0.760744	-1.3145	0.873746	0.957832	-1.04402	0.669337	1.12343	1.12343	0.227001	1.41006	1.41006	0.000507925	0.229574	-4.3559
cg23524191	MAD1L1;MAD1L1;MAD1L1	0.00757419	0.0040968	0.295763	-3.38109	0.203684	0.654207	-1.52857	0.00478747	0.305971	-3.26828	0.612725	0.850913	-1.17521	0.000607743	0.188035	-5.31815
cg09849609	MAD1L1;MAD1L1;MAD1L1	0.00768526	0.38762	1.17438	1.17438	0.475516	1.14078	1.14078	0.177951	1.29672	1.29672	0.0118106	0.56513	-1.76951	0.667712	1.08155	1.08155
cg27211408	MAD1L1;MAD1L1;MAD1L1	0.00780816	0.99022	1.00299	1.00299	0.0116624	2.15586	2.15586	0.000651076	0.27972	-3.575	0.295015	0.767464	-1.30299	0.568457	0.868942	-1.15083
cg20349598	MAD1L1;MAD1L1;MAD1L1	0.00790915	0.810557	1.04575	1.04575	0.691763	1.07706	1.07706	0.149839	1.33323	1.33323	0.0309104	1.6033	1.6033	0.00414527	0.488719	-2.04616
cg16650443	MAD1L1;MAD1L1;MAD1L1	0.00796009	0.0546014	1.48328	1.48328	0.56666	1.11041	1.11041	0.00335346	0.485925	-2.05793	0.579046	0.903634	-1.10664	0.0061596	1.9081	1.9081
cg11130530	MAD1L1;MAD1L1;MAD1L1	0.00800094	0.318055	0.679477	-1.47172	0.00108071	0.164142	-6.09228	0.0127876	0.314108	-3.18362	0.0490658	0.431157	-2.31934	0.00243467	0.205999	-4.85439
cg18243598	MAD1L1;MAD1L1;MAD1L1	0.00801355	0.90918	1.01628	1.01628	0.395553	0.884177	-1.13099	0.103523	0.777326	-1.28646	0.49173	0.905926	-1.10384	0.271046	1.176	1.176
cg19723734	MAD1L1;MAD1L1;MAD1L1	0.00823005	0.117754	0.667706	-1.49767	0.373307	0.804684	-1.24272	0.892175	0.968267	-1.03277	0.417486	0.821184	-1.21775	0.029546	0.543767	-1.83902
cg06504636	MAD1L1;MAD1L1;MAD1L1	0.0085658	0.0333725	0.768869	-1.30061	0.0454208	1.27453	1.27453	0.449028	1.08497	1.08497	0.16996	0.856827	-1.1671	0.00204199	0.631575	-1.58334
cg04898039	MAD1L1;MAD1L1;MAD1L1	0.00858689	0.124927	0.57241	-1.747	0.000896554	0.188263	-5.31171	0.00310023	0.256867	-3.89307	0.197959	1.57938	1.57938	0.0452237	0.46225	-2.16333
cg05892484	MAD1L1;MAD1L1;MAD1L1	0.00905973	0.0182493	0.581623	-1.71933	0.0804472	0.692996	-1.44301	0.105192	0.715457	-1.39771	0.357801	0.836226	-1.19585	0.00035483	0.338003	-2.95856
cg21010028	MAD1L1;MAD1L1;MAD1L1	0.00941684	0.893129	1.02149	1.02149	0.55542	0.909971	-1.09894	0.771572	1.04712	1.04712	0.176104	1.25548	1.25548	0.30756	1.18184	1.18184
cg19858082	MAD1L1;MAD1L1;MAD1L1	0.00962646	0.0271999	0.74413	-1.34385	0.000761135	1.78032	1.78032	0.419052	1.09784	1.09784	0.793173	0.970729	-1.03015	0.188554	1.17059	1.17059
cg23256140	MAD1L1;MAD1L1;MAD1L1	0.0100396	0.68168	0.9378	-1.06633	0.000991805	2.14221	2.14221	0.687678	0.939013	-1.06495	0.196012	0.808233	-1.23727	0.563033	1.09532	1.09532
cg21526773	MAD1L1;MAD1L1;MAD1L1	0.0102306	0.517462	0.898594	-1.11285	0.0337344	0.66763	-1.49784	0.137943	0.770839	-1.29729	0.855807	1.03008	1.03008	0.0401382	0.679496	-1.47168
cg12306864	MAD1L1;MAD1L1;MAD1L1	0.0103871	0.829357	0.970752	-1.03013	0.0112845	0.646324	-1.54721	0.0641232	0.751166	-1.33126	0.117997	1.26295	1.26295	0.962533	1.00648	1.00648
cg24403305	MAD1L1;MAD1L1;MAD1L1	0.0105192	0.000920304	0.362593	-2.75791	0.849023	0.961704	-1.03982	0.0477015	0.628803	-1.59032	0.127672	0.713565	-1.40141	0.0142092	0.538061	-1.85852
cg00963171	MAD1L1;MAD1L1;MAD1L1	0.0109031	0.283192	0.676012	-1.47926	0.0126336	0.336645	-2.97049	0.00282825	0.236009	-4.23712	0.519081	0.794914	-1.258	0.000954374	0.177532	-5.63278
cg03354898	MAD1L1;MAD1L1;MAD1L1	0.0109979	0.00268786	0.354936	-2.81741	0.392731	0.803622	-1.24437	0.236174	0.733479	-1.36337	0.823488	1.05737	1.05737	0.000736466	0.277901	-3.5984
cg02471771	MAD1L1;MAD1L1;MAD1L1	0.0110181	0.920546	0.976392	-1.02418	0.666177	1.10952	1.10952	0.905024	0.971822	-1.02899	0.328632	0.785501	-1.27307	0.000593733	0.280898	-3.56001
cg25011577	MAD1L1;MAD1L1;MAD1L1	0.0111556	0.547356	1.13291	1.13291	0.00658475	0.485239	-2.06084	0.00138767	0.386817	-2.5852	0.689312	1.08584	1.08584	0.0155992	0.544613	-1.83616
cg12967413	MAD1L1;MAD1L1;MAD1L1	0.0114975	0.492843	0.921343	-1.08537	0.290067	0.878837	-1.13787	0.00208612	0.600806	-1.66443	0.101058	1.23518	1.23518	0.831229	0.975208	-1.02542
cg23372092	MAD1L1;MAD1L1;MAD1L1	0.0115399	0.462238	1.18484	1.18484	0.00261903	2.57113	2.57113	0.082963	1.54508	1.54508	0.0751481	1.5669	1.5669	0.167823	1.39536	1.39536
cg24077588	MAD1L1;MAD1L1;MAD1L1	0.0117388	0.1135	0.655851	-1.52474	0.000492501	3.80636	3.80636	0.155593	1.45088	1.45088	0.552285	1.15867	1.15867	0.284014	0.761387	-1.31339
cg04900672	MAD1L1;MAD1L1;MAD1L1	0.0118639	0.876974	1.02709	1.02709	0.00110392	0.436127	-2.29291	0.140771	0.760822	-1.31437	0.745229	0.945298	-1.05787	0.618175	0.916952	-1.09057
cg12593021	MAD1L1;MAD1L1;MAD1L1	0.0119145	0.125813	0.708686	-1.41106	0.140884	0.719475	-1.3899	0.972577	1.00717	1.00717	?	?	?	0.000410304	0.3115	-3.21027
cg03243669	MAD1L1;MAD1L1;MAD1L1	0.0119236	0.0683238	0.625326	-1.59917	0.00797537	0.457353	-2.18649	0.0532048	0.603351	-1.65741	0.122049	0.680106	-1.47036	0.00120331	0.335859	-2.97744
cg03943446	MAD1L1;MAD1L1;MAD1L1	0.0132644	0.130614	1.37642	1.37642	0.0691771	0.671721	-1.48871	0.0820883	0.685917	-1.4579	0.473938	0.867164	-1.15318	0.382698	1.19148	1.19148
cg07156006	MAD1L1;MAD1L1;MAD1L1	0.0134152	0.0511027	0.51861	-1.92823	0.463222	0.801966	-1.24694	0.0540202	0.523922	-1.90868	0.00653081	0.351862	-2.84202	0.0217206	0.442921	-2.25774
cg00373376	MAD1L1;MAD1L1;MAD1L1	0.0134958	0.000656381	0.492077	-2.0322	0.996441	1.00061	1.00061	0.690328	1.0559	1.0559	0.409395	0.891728	-1.12142	0.345653	0.876415	-1.14101
cg03634735	MAD1L1;MAD1L1;MAD1L1	0.0135972	0.0253492	0.758091	-1.3191	0.00542038	0.682976	-1.46418	0.714224	0.962406	-1.03906	0.51542	0.933593	-1.07113	0.350488	0.904726	-1.10531
cg04653264	MAD1L1;MAD1L1;MAD1L1	0.0138102	0.207397	0.597287	-1.67424	0.405506	1.39083	1.39083	0.099376	0.496492	-2.01413	0.607548	1.22239	1.22239	0.00183198	0.179777	-5.56246
cg08723357	MAD1L1;MAD1L1;MAD1L1	0.0140022	0.0246368	0.73725	-1.35639	0.084188	0.804423	-1.24313	0.284806	0.881125	-1.13491	0.210203	0.860355	-1.16231	0.0999412	1.22795	1.22795
cg01191509	MAD1L1;MAD1L1;MAD1L1	0.0144677	0.139305	1.38814	1.38814	0.0873509	1.47558	1.47558	0.0279864	1.7077	1.7077	0.0575657	1.55686	1.55686	0.898469	1.02666	1.02666
cg05609716	MAD1L1;MAD1L1;MAD1L1	0.0145481	0.0037783	0.278906	-3.58543	0.00379912	3.58095	3.58095	0.448291	0.776854	-1.28724	0.213242	1.53463	1.53463	0.0345923	0.447039	-2.23694
cg07300192	MAD1L1;MAD1L1;MAD1L1	0.0145826	0.0264144	0.642456	-1.55653	0.093324	1.36378	1.36378	0.244558	0.814961	-1.22705	0.0127021	0.594194	-1.68295	0.132259	0.761058	-1.31396
cg25906435	MAD1L1;MAD1L1;MAD1L1	0.014598	0.163711	1.23141	1.23141	0.0708713	0.753781	-1.32665	0.110789	0.783999	-1.27551	0.344284	0.872461	-1.14618	0.455126	1.11243	1.11243
cg23618217	MAD1L1;MAD1L1;MAD1L1	0.0147105	0.022494	0.431349	-2.31831	?	?	?	0.765846	1.09623	1.09623	0.822034	1.07176	1.07176	0.000700696	0.203947	-4.90323
cg15783848	MAD1L1;MAD1L1;MAD1L1	0.0149439	0.251744	1.33699	1.33699	0.293052	0.767535	-1.30287	0.00193671	0.345131	-2.89745	0.177738	1.41538	1.41538	0.0287086	1.86985	1.86985
cg18595635	MAD1L1;MAD1L1;MAD1L1	0.0151189	0.0212478	1.57182	1.57182	0.482738	0.890027	-1.12356	0.0249683	0.646835	-1.54599	0.0872218	1.36123	1.36123	0.00610459	0.55736	-1.79417
cg26003993	MAD1L1;MAD1L1;MAD1L1	0.0151335	0.0177142	2.54573	2.54573	0.997341	0.998921	-1.00108	0.935051	1.02676	1.02676	0.0428388	2.12804	2.12804	0.788753	0.916676	-1.0909
cg08551333	MAD1L1;MAD1L1;MAD1L1	0.0161457	0.231508	0.749554	-1.33413	0.00108842	0.330451	-3.02617	0.00977585	0.472151	-2.11797	0.986938	0.996247	-1.00377	0.00798601	0.457943	-2.18368
cg00437166	MAD1L1;MAD1L1;MAD1L1	0.016919	0.129669	0.589662	-1.69589	0.128643	0.588695	-1.69867	0.0142454	0.377036	-2.65226	0.999169	0.999664	-1.00034	0.000411944	0.16379	-6.10538
cg15048972	MAD1L1;MAD1L1;MAD1L1	0.0170271	0.576142	1.10375	1.10375	0.147942	1.31165	1.31165	0.572394	0.905107	-1.10484	0.119067	0.744036	-1.34402	0.0239547	0.624507	-1.60126
cg16222367	MAD1L1;MAD1L1;MAD1L1	0.0174566	0.0233202	0.336251	-2.97397	0.0372224	0.378167	-2.64434	0.0220607	0.331561	-3.01604	0.0238219	0.338064	-2.95802	0.10735	0.493279	-2.02725
cg05164396	MAD1L1;MAD1L1;MAD1L1	0.0177068	0.716929	1.07528	1.07528	0.000939099	0.373894	-2.67456	0.0751102	0.673638	-1.48448	0.517337	0.877349	-1.1398	0.0359562	0.614861	-1.62638
cg22717323	MAD1L1;MAD1L1;MAD1L1	0.0178742	0.100333	0.538948	-1.85547	0.404158	1.34058	1.34058	0.655633	0.857171	-1.16663	0.67432	0.864918	-1.15618	0.000532886	0.15703	-6.3682
cg01154248	MAD1L1;MAD1L1;MAD1L1	0.0179229	0.040046	0.789067	-1.26732	0.436919	1.08239	1.08239	0.00581172	1.43427	1.43427	0.285277	0.895115	-1.11717	0.0188714	0.752809	-1.32836
cg08021734	MAD1L1;MAD1L1;MAD1L1	0.0183275	0.96398	1.00529	1.00529	0.242918	0.867044	-1.15334	0.412532	0.906818	-1.10276	0.133715	0.827924	-1.20784	0.285842	1.13816	1.13816
cg23729427	MAD1L1;MAD1L1;MAD1L1	0.0183725	0.0289812	0.510324	-1.95954	0.557265	0.856323	-1.16778	0.0422953	0.5427	-1.84264	0.654783	0.889049	-1.1248	0.00717791	0.403749	-2.47679
cg26797297	MAD1L1;MAD1L1;MAD1L1	0.018483	0.398808	1.14998	1.14998	0.0540017	0.701981	-1.42454	0.0902802	0.739343	-1.35255	0.343541	0.853973	-1.171	0.937166	1.01284	1.01284
cg00502509	MAD1L1;MAD1L1;MAD1L1	0.0187221	0.0586695	0.540951	-1.8486	0.450719	0.801649	-1.24743	0.00783404	0.374638	-2.66924	0.00144235	0.265826	-3.76185	0.875116	0.955761	-1.04629
cg00589581	MAD1L1;MAD1L1;MAD1L1	0.0187785	0.0728522	0.771797	-1.29568	0.108829	0.797404	-1.25407	0.292562	1.15184	1.15184	0.153046	1.21907	1.21907	0.710075	0.952808	-1.04953
cg16338100	MAD1L1;MAD1L1;MAD1L1	0.0189638	0.149607	0.830074	-1.20471	0.170648	0.838713	-1.1923	0.0161025	0.701169	-1.42619	0.0104766	1.47459	1.47459	0.535073	1.07867	1.07867
cg17815546	MAD1L1;MAD1L1;MAD1L1	0.0195131	0.660029	0.960279	-1.04136	0.729684	1.03227	1.03227	0.848534	0.982645	-1.01766	0.0160729	1.30965	1.30965	0.273395	0.900892	-1.11001
cg27162392	MAD1L1;MAD1L1;MAD1L1	0.0197756	0.246845	1.21816	1.21816	0.0136783	0.608385	-1.6437	0.0239263	0.64461	-1.55133	0.00872244	0.58007	-1.72393	0.292649	0.837009	-1.19473
cg06624731	MAD1L1;MAD1L1;MAD1L1	0.0198287	0.1856	0.829447	-1.20562	0.0334662	1.39237	1.39237	0.404076	1.12046	1.12046	0.00902521	1.55615	1.55615	0.171365	1.21411	1.21411
cg22365446	MAD1L1;MAD1L1;MAD1L1	0.0198366	0.0090145	0.495818	-2.01687	0.0743445	0.65696	-1.52216	0.777311	1.06175	1.06175	0.00573557	0.46524	-2.14943	0.293667	0.794403	-1.25881
cg01055075	MAD1L1;MAD1L1;MAD1L1	0.0199498	0.319049	0.606032	-1.65008	0.43855	1.46855	1.46855	0.0613676	0.358753	-2.78743	0.944017	1.03475	1.03475	0.0136484	0.226793	-4.40931
cg04848693	MAD1L1;MAD1L1;MAD1L1	0.0201639	0.342479	1.30564	1.30564	0.0133811	2.30562	2.30562	0.410933	0.79511	-1.25769	0.382116	1.27688	1.27688	0.0475581	0.539054	-1.8551
cg24655669	MAD1L1;MAD1L1;MAD1L1	0.0201824	0.0791579	0.492473	-2.03057	0.00138594	0.185525	-5.39012	0.0081003	0.291664	-3.4286	0.630259	0.838403	-1.19274	0.0105368	0.310536	-3.22024
cg01827097	MAD1L1;MAD1L1;MAD1L1	0.0204658	0.143738	0.746723	-1.33918	0.290936	0.815659	-1.226	0.0064779	0.517852	-1.93105	0.0340993	0.631423	-1.58372	0.932584	1.01586	1.01586
cg20723773	MAD1L1;MAD1L1;MAD1L1	0.0208042	0.0298377	0.651223	-1.53557	0.00214468	2.06141	2.06141	0.115997	0.750782	-1.33195	0.720913	0.941586	-1.06204	0.261184	0.821506	-1.21728
cg25744355	MAD1L1;MAD1L1;MAD1L1	0.0213319	0.0724947	2.00559	2.00559	0.0254303	2.51535	2.51535	0.073131	0.49955	-2.0018	0.00406916	0.262062	-3.8159	0.0746999	0.501854	-1.99261
cg25573368	MAD1L1;MAD1L1;MAD1L1	0.0213964	0.946605	0.977532	-1.02298	0.232104	0.653635	-1.52991	0.563691	0.820329	-1.21902	0.225333	1.54042	1.54042	0.00187419	0.223952	-4.46525
cg12577003	MAD1L1;MAD1L1;MAD1L1	0.0220934	0.653829	0.88284	-1.13271	0.0211585	0.465252	-2.14937	0.0275688	0.487095	-2.05299	0.227766	0.705034	-1.41837	0.00691953	0.381023	-2.62451
cg10445988	MAD1L1;MAD1L1;MAD1L1	0.0222849	0.17104	0.480343	-2.08185	0.025757	0.263889	-3.78948	0.016747	0.230169	-4.34463	0.262438	0.555537	-1.80006	0.00264613	0.123377	-8.10522
cg05030518	MAD1L1;MAD1L1;MAD1L1	0.0226244	0.634886	1.19134	1.19134	0.00777411	0.286247	-3.49348	0.283224	0.664933	-1.50391	0.556473	1.2432	1.2432	0.00501369	0.256956	-3.89171
cg18013792	MAD1L1;MAD1L1;MAD1L1	0.0227002	0.95554	1.00867	1.00867	0.328357	1.16901	1.16901	0.893325	1.02098	1.02098	0.0309029	0.675521	-1.48034	0.0162572	0.634518	-1.576
cg12937817	MAD1L1;MAD1L1;MAD1L1	0.0230356	0.0425323	0.75937	-1.31688	0.683107	0.952776	-1.04956	0.00803761	1.49216	1.49216	0.963452	1.00542	1.00542	0.226483	0.860987	-1.16146
cg16573836	MAD1L1;MAD1L1;MAD1L1	0.0235114	0.504588	1.14812	1.14812	0.00638971	2.06245	2.06245	0.00387244	2.21151	2.21151	0.440174	0.851644	-1.1742	0.827358	1.04556	1.04556
cg08176258	MAD1L1;MAD1L1;MAD1L1	0.0236137	0.018683	0.36204	-2.76213	0.767123	1.11166	1.11166	0.16351	0.588581	-1.699	0.00200184	0.211265	-4.7334	0.0612129	0.471493	-2.12092
cg08985282	MAD1L1;MAD1L1;MAD1L1	0.0237046	0.400153	0.872912	-1.14559	0.000898307	0.456399	-2.19107	0.51936	0.902052	-1.10858	0.435087	1.13392	1.13392	0.119851	1.30515	1.30515
cg12073833	MAD1L1;MAD1L1;MAD1L1	0.0237054	0.00378944	0.205787	-4.85938	0.015591	0.301094	-3.32122	0.0590419	0.421945	-2.36998	0.619759	0.816717	-1.22441	0.00429198	0.213107	-4.69248
cg25786640	MAD1L1;MAD1L1;MAD1L1	0.0238249	0.216349	0.771608	-1.296	0.325319	1.22435	1.22435	0.228436	0.777304	-1.2865	0.230933	0.778454	-1.2846	0.00324983	2.22521	2.22521
cg00601311	MAD1L1;MAD1L1;MAD1L1	0.0238321	0.01102	0.265839	-3.76167	0.0189187	0.306986	-3.25747	0.0119471	0.271685	-3.68074	0.920278	0.959262	-1.04247	0.0030551	0.185343	-5.39541
cg21940655	MAD1L1;MAD1L1;MAD1L1	0.0239059	0.0637652	0.757506	-1.32012	0.248454	0.851479	-1.17443	0.0249084	0.700673	-1.4272	0.514945	0.915765	-1.09198	0.654995	0.941824	-1.06177
cg25919098	MAD1L1;MAD1L1;MAD1L1	0.0242381	0.00600899	0.270761	-3.69329	0.195187	1.64648	1.64648	0.800214	1.09668	1.09668	0.899778	1.04692	1.04692	0.00292841	0.225945	-4.42585
cg13290180	MAD1L1;MAD1L1;MAD1L1	0.0245025	0.00706699	0.404134	-2.47442	0.266447	0.739823	-1.35167	0.94587	1.01783	1.01783	0.349694	1.28472	1.28472	0.598821	1.14817	1.14817
cg23931027	MAD1L1;MAD1L1;MAD1L1	0.0245333	0.851906	1.03031	1.03031	0.023896	0.650066	-1.5383	0.329975	1.17426	1.17426	0.0555117	0.706966	-1.41449	0.971974	1.00563	1.00563
cg13815311	MAD1L1;MAD1L1;MAD1L1	0.0251644	0.033853	0.644139	-1.55246	0.299572	1.2103	1.2103	0.0212623	0.611676	-1.63485	0.290791	0.823139	-1.21486	0.022844	0.616603	-1.62179
cg14004847	MAD1L1;MAD1L1;MAD1L1	0.025289	0.0233464	0.525301	-1.90367	0.535191	1.16089	1.16089	0.139361	1.45927	1.45927	0.0103415	0.46421	-2.1542	0.0839113	1.5752	1.5752
cg02304222	MAD1L1;MAD1L1;MAD1L1	0.0256729	0.966987	0.988279	-1.01186	0.0414981	1.95357	1.95357	0.0561097	1.85205	1.85205	0.474247	0.812767	-1.23037	0.00294884	0.312588	-3.1991
cg21543346	MAD1L1;MAD1L1;MAD1L1	0.0257273	0.0205347	0.737509	-1.35592	0.67451	0.954962	-1.04716	0.816812	1.02564	1.02564	0.315019	1.12003	1.12003	0.0413074	1.29278	1.29278
cg11994639	MAD1L1;MAD1L1;MAD1L1	0.0257565	0.0903904	0.538366	-1.85747	0.0320293	0.434486	-2.30157	0.00677913	0.312093	-3.20417	0.606602	1.18811	1.18811	0.0162694	0.377158	-2.65141
cg23300494	MAD1L1;MAD1L1;MAD1L1	0.025826	0.236708	1.36402	1.36402	0.0251143	0.513215	-1.9485	0.880721	0.9631	-1.03831	0.562128	0.863502	-1.15807	0.354933	1.26907	1.26907
cg06106265	MAD1L1;MAD1L1;MAD1L1	0.0263641	0.161165	0.79062	-1.26483	0.160767	1.26515	1.26515	0.0171071	0.633638	-1.57819	0.0672997	0.724777	-1.37973	0.300568	0.845012	-1.18342
cg21329649	MAD1L1;MAD1L1;MAD1L1	0.0266576	0.188715	1.36836	1.36836	0.0776784	1.5552	1.5552	0.555451	1.14374	1.14374	0.409975	1.20896	1.20896	0.00187147	0.37031	-2.70044
cg16627596	MAD1L1;MAD1L1;MAD1L1	0.0272068	0.880149	1.01644	1.01644	0.521755	0.932243	-1.07268	0.0365384	1.30025	1.30025	0.128396	0.837295	-1.19432	0.956409	1.00592	1.00592
cg12583572	MAD1L1;MAD1L1;MAD1L1	0.0282145	0.199876	1.293	1.293	0.0763522	1.45371	1.45371	0.992712	0.998268	-1.00173	0.0462068	0.648309	-1.54248	0.368436	1.19159	1.19159
cg24505167	MAD1L1;MAD1L1;MAD1L1	0.0284025	0.260905	0.70804	-1.41235	0.0521519	1.91633	1.91633	0.750811	0.910453	-1.09835	0.603184	0.85691	-1.16698	0.0377514	0.491883	-2.033
cg17775727	MAD1L1;MAD1L1;MAD1L1	0.0286262	0.538568	0.823265	-1.21468	0.0148265	2.55044	2.55044	0.0121966	2.65243	2.65243	0.0490783	0.495747	-2.01716	0.119585	0.590076	-1.6947
cg11794120	MAD1L1;MAD1L1;MAD1L1	0.0288373	0.00661744	0.579955	-1.72427	0.0654296	0.726443	-1.37657	0.0348891	0.683872	-1.46226	0.324831	1.17015	1.17015	0.0237919	1.51735	1.51735
cg22700036	MAD1L1;MAD1L1;MAD1L1	0.0292759	0.0579168	0.828648	-1.20679	0.22875	1.11711	1.11711	0.215404	1.12112	1.12112	0.221581	1.11924	1.11924	0.00248609	0.691691	-1.44573
cg02489738	MAD1L1;MAD1L1;MAD1L1	0.029463	0.0594175	0.491411	-2.03496	0.0489145	0.471982	-2.11873	0.0571125	0.487393	-2.05173	0.0697137	0.508003	-1.96849	0.00148707	0.216533	-4.61824
cg10774647	MAD1L1;MAD1L1;MAD1L1	0.0303235	0.165852	0.44388	-2.25286	0.170493	0.448318	-2.23056	0.36235	0.597751	-1.67294	0.506259	1.44869	1.44869	0.000880433	0.0645422	-15.4938
cg05323058	MAD1L1;MAD1L1;MAD1L1	0.0304188	0.676217	0.94142	-1.06223	0.228269	0.833808	-1.19932	0.957763	1.00764	1.00764	0.374992	0.877332	-1.13982	0.00239746	0.544427	-1.83679
cg17545141	MAD1L1;MAD1L1;MAD1L1	0.0311326	0.349589	0.583544	-1.71367	0.00114033	0.0688082	-14.5332	0.0123504	0.175066	-5.71213	0.535995	0.704278	-1.41989	0.275164	0.529886	-1.8872
cg21767034	MAD1L1;MAD1L1;MAD1L1	0.0312097	0.717237	1.10081	1.10081	0.05082	0.555661	-1.79966	0.302997	0.754446	-1.32548	0.904719	0.96887	-1.03213	0.00152749	0.299736	-3.33627

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25506325	0.772329	0.970874	-1.03	0.0012103	1.62064	1.62064	0.934998	0.991723	-1.00835	0.0106843	0.721112	-1.38675	9.74821	1.60275	0.146147	1
cg19106179	0.000364836	1.54441	1.54441	0.00169583	1.40672	1.40672	0.381272	0.93394	-1.07073	0.0652628	1.17058	1.17058	9.70561	0.890284	0.0815368	1
cg18207308	0.530157	0.92755	-1.07811	0.00659911	1.51757	1.51757	0.0592182	0.777327	-1.28646	0.00239942	1.6491	1.6491	9.69405	2.1473	0.196895	1
cg19601293	0.290627	1.27532	1.27532	0.213688	1.33691	1.33691	0.000221929	0.25572	-3.91053	0.937247	1.01762	1.01762	9.38042	7.30617	0.692333	1
cg16086269	0.00507963	1.45484	1.45484	0.00470837	1.4625	1.4625	0.118833	0.842521	-1.18691	0.939119	0.992298	-1.00776	9.21042	1.49449	0.144232	1
cg25432518	0.78921	0.930818	-1.07432	0.892229	0.96438	-1.03694	0.930061	1.02377	1.02377	0.000905117	0.264941	-3.77442	9.06573	10.2787	1.00782	1
cg16770054	0.0197759	0.62003	-1.61282	0.0589113	1.43661	1.43661	0.0755547	1.39929	1.39929	0.0391545	0.666727	-1.49986	8.96027	4.09308	0.406048	1
cg23563099	0.00642248	1.66224	1.66224	0.00450491	1.72064	1.72064	0.0976369	0.770658	-1.29759	0.122186	0.786532	-1.2714	8.57492	2.79035	0.289252	1
cg25397636	0.956021	0.987345	-1.01282	0.0274524	1.82636	1.82636	0.00911126	2.1492	2.1492	0.329851	0.792776	-1.26139	8.5118	7.1891	0.750758	1
cg02820242	0.809459	1.03003	1.03003	0.000350949	2.02086	2.02086	0.857215	0.978185	-1.0223	0.517926	0.922862	-1.08359	8.39256	1.99355	0.211144	1
cg20295408	0.00221679	0.533392	-1.87479	0.13789	1.26392	1.26392	0.0101286	1.60888	1.60888	0.662037	1.0666	1.0666	8.25763	2.81067	0.302553	1
cg04101342	0.0341938	0.506799	-1.97317	0.324671	1.32276	1.32276	0.187491	0.681009	-1.46841	0.0293764	0.49377	-2.02523	8.19564	9.81787	1.06483	1
cg15571623	0.643604	1.14346	1.14346	0.0122386	2.45473	2.45473	0.6307	0.869902	-1.14955	0.162417	0.651066	-1.53594	8.1755	10.7201	1.16555	1
cg23593387	0.0266822	0.618527	-1.61674	0.0324913	0.632607	-1.58076	0.159473	0.759547	-1.31657	0.14481	0.750891	-1.33175	8.17218	4.33165	0.471154	1
cg05863683	0.00117704	0.214418	-4.66378	0.00124722	0.217518	-4.59733	0.49648	1.25026	1.25026	0.284576	0.697966	-1.43273	8.14616	13.5008	1.47317	1
cg01719223	0.0603534	1.4769	1.4769	0.148728	1.32992	1.32992	0.17754	0.768122	-1.30188	0.622229	0.91263	-1.09573	8.00466	4.29661	0.477123	1
cg20347042	0.981587	1.00458	1.00458	0.00798902	1.96031	1.96031	0.98972	0.997452	-1.00255	0.696325	0.925285	-1.08075	7.99324	4.96232	0.551835	1
cg20396385	0.950118	0.994479	-1.00555	0.000393798	1.64805	1.64805	0.647438	1.04159	1.04159	0.00540538	0.723244	-1.38266	7.90944	0.980894	0.110236	1
cg13027177	0.00824353	0.628634	-1.59075	0.224393	1.19164	1.19164	0.258867	0.850584	-1.17566	0.00218625	0.554129	-1.80464	7.88903	2.35809	0.265695	1
cg04486919	0.57166	1.10891	1.10891	0.780881	1.05173	1.05173	0.716285	0.936119	-1.06824	0.00718885	0.533889	-1.87305	7.86341	4.07391	0.46052	1
cg21503834	0.618333	0.92026	-1.08665	0.27843	0.829893	-1.20497	0.478306	0.887574	-1.12667	0.0452694	0.683866	-1.46227	7.81564	3.38823	0.38535	1
cg19382157	0.40866	0.807946	-1.23771	0.0122302	2.19832	2.19832	0.223251	1.38118	1.38118	0.00119748	0.301832	-3.3131	7.69615	7.76212	0.896509	1
cg18650626	0.38174	1.14311	1.14311	5.57E-05	3.05721	3.05721	0.0452065	1.40857	1.40857	0.212086	1.2165	1.2165	7.67727	2.70303	0.312962	1
cg19987253	0.75938	0.943742	-1.05961	0.000173266	3.32573	3.32573	0.344078	1.20164	1.20164	0.803247	1.04817	1.04817	7.44139	4.18645	0.500079	1
cg14498572	0.363435	1.11955	1.11955	0.00369596	1.60696	1.60696	0.314748	1.13393	1.13393	0.403649	1.10885	1.10885	7.29064	1.68799	0.205803	1
cg18353661	0.00101485	0.490867	-2.03721	0.0201568	1.48402	1.48402	0.0639486	0.748327	-1.33631	0.692462	1.05589	1.05589	8.43984	2.44558	0.225373	1
cg02272667	0.0209891	0.459729	-2.17519	0.00431629	0.343769	-2.90893	0.214838	0.693911	-1.44111	0.0249131	0.473812	-2.11054	7.21228	8.94595	1.10256	1
cg11870042	0.0906593	1.49165	1.49165	0.0221246	1.80141	1.80141	0.0601013	1.57609	1.57609	0.441104	0.844918	-1.18355	7.10618	5.17922	0.647853	1
cg17618327	0.614944	0.754101	-1.32608	0.408863	0.624986	-1.60004	0.00513353	7.82208	7.82208	0.0695512	3.0941	3.0941	7.03492	34.4973	4.35887	1
cg07065756	0.188888	1.30537	1.30537	0.00129991	2.45165	2.45165	0.196422	1.29887	1.29887	0.112033	0.718004	-1.39275	7.00401	4.06564	0.515976	1
cg17103856	0.0145413	0.185168	-5.40049	0.0340376	0.253147	-3.95027	0.007681	0.144682	-6.91171	0.0185442	0.20281	-4.93073	7.98543	36.3496	3.54043	1
cg02383674	0.198841	0.75764	-1.31989	0.00225193	2.3966	2.3966	0.0680469	0.658539	-1.51851	0.336921	1.22432	1.22432	6.89919	4.56601	0.588283	1
cg06986330	0.769255	1.07468	1.07468	0.420378	1.2233	1.2233	0.158299	1.44667	1.44667	0.42043	1.22327	1.22327	6.84622	6.49974	0.843903	1
cg02519954	0.795688	0.948204	-1.05463	0.00140789	0.387632	-2.57977	0.796636	1.05436	1.05436	0.0174377	0.552544	-1.80981	6.80095	4.52517	0.591443	1
cg20358061	0.0621928	0.803158	-1.24508	0.00352841	1.51134	1.51134	0.438019	1.0861	1.0861	0.681897	1.04397	1.04397	6.74677	1.16482	0.153465	1
cg04396112	0.0963822	0.369211	-2.70847	0.00663288	0.146148	-6.8424	0.107738	2.60644	2.60644	0.429382	0.64385	-1.55316	6.72514	31.7285	4.19369	1
cg04622224	0.14565	0.570394	-1.75317	0.00160922	0.196822	-5.08073	0.348147	0.706723	-1.41498	0.0933254	0.515134	-1.94124	6.72057	13.7453	1.81801	1
cg21110711	0.00200191	0.321374	-3.11164	0.10024	1.59789	1.59789	0.140305	1.51118	1.51118	0.0793693	0.602396	-1.66004	6.59737	7.0774	0.953565	1
cg10617943	0.00684389	0.707537	-1.41335	0.134773	1.17264	1.17264	0.306909	0.900796	-1.11013	0.468441	0.929728	-1.07558	6.57836	1.01646	0.137348	1
cg27109748	0.913419	1.04448	1.04448	0.000947025	0.13917	-7.18546	0.141843	1.88128	1.88128	0.0079637	0.256373	-3.90057	6.56804	16.6531	2.25376	1
cg15410753	0.00680331	1.447	1.447	0.00510527	1.47685	1.47685	0.812505	0.975273	-1.02535	0.452888	0.922586	-1.08391	6.55543	1.15275	0.156308	1
cg12280406	0.11198	0.682284	-1.46566	0.0298846	1.75845	1.75845	0.954004	0.987339	-1.01282	0.617647	0.894786	-1.11759	6.52317	5.04113	0.686936	1
cg24813613	0.106876	1.61109	1.61109	0.0073702	2.54865	2.54865	0.27822	0.736772	-1.35727	0.352065	1.29622	1.29622	6.51171	7.56982	1.03333	1
cg23524191	0.027699	0.439034	-2.27773	0.0385343	0.468563	-2.13418	0.253714	0.685919	-1.4579	0.0230198	0.423212	-2.36288	6.45407	10.2254	1.4083	1
cg09849609	0.0105456	1.79328	1.79328	0.00128504	0.426618	-2.34402	0.157993	1.31522	1.31522	0.357038	1.18761	1.18761	6.42467	3.35273	0.463868	1
cg27211408	0.262769	1.32915	1.32915	0.294082	1.30371	1.30371	0.026542	1.89797	1.89797	0.521371	0.853512	-1.17163	6.39275	6.01313	0.836105	1
cg20349598	0.0115773	1.80052	1.80052	0.00593967	0.511607	-1.95462	0.405107	0.853272	-1.17196	0.302368	0.819526	-1.22022	6.36698	3.49921	0.488521	1
cg16650443	0.0692767	0.692475	-1.4441	0.0382521	1.54376	1.54376	0.186342	0.776219	-1.2883	0.146834	0.754617	-1.32518	6.35414	3.29028	0.460282	1
cg11130530	0.0100105	0.295973	-3.37868	0.00997755	0.295735	-3.38141	0.0956745	0.503935	-1.98438	0.0949869	0.503079	-1.98776	6.34391	14.087	1.97382	1
cg18243598	0.862021	0.975689	-1.02492	0.000266865	2.33175	2.33175	0.253961	0.844899	-1.18357	0.0282993	1.44241	1.44241	6.34077	2.01004	0.281779	1
cg19723734	0.159895	0.699738	-1.42911	0.000650039	0.288446	-3.46686	0.000764729	0.297564	-3.36062	0.141473	0.686645	-1.45636	6.28775	5.62982	0.795878	1
cg06504636	0.626715	1.05318	1.05318	0.0132904	1.38307	1.38307	0.0682577	1.24088	1.24088	0.529908	1.06958	1.06958	6.20887	1.09888	0.15732	1
cg04898039	0.265013	0.67694	-1.47723	0.0142701	0.362374	-2.75958	0.319767	0.707987	-1.41246	0.0544021	0.480412	-2.08155	6.20404	11.085	1.58821	1
cg05892484	0.0434007	0.644456	-1.5517	0.153917	1.33471	1.33471	0.0534506	0.660414	-1.5142	0.119329	0.726375	-1.3767	6.09956	3.45564	0.503591	1
cg21010028	0.569185	1.09528	1.09528	0.000326908	2.50529	2.50529	0.0274449	0.661925	-1.51075	0.141988	0.77901	-1.28368	6.02504	2.38761	0.35225	1
cg19858082	0.970731	0.99586	-1.00416	0.0490475	1.28923	1.28923	0.0426247	0.768053	-1.30199	0.603123	0.942421	-1.0611	5.98292	1.2112	0.179949	1
cg23256140	0.0956	0.751968	-1.32984	0.242636	1.20973	1.20973	0.0234984	1.52397	1.52397	0.0104483	1.65193	1.65193	5.90314	2.26681	0.341333	1
cg21526773	0.0329797	1.50128	1.50128	0.00263295	1.97054	1.97054	0.0550507	0.701569	-1.42538	0.143248	0.773903	-1.29215	5.86763	2.46713	0.373746	1
cg12306864	0.297776	1.16003	1.16003	0.00113236	1.93238	1.93238	0.142447	0.805057	-1.24215	0.482462	0.90649	-1.10316	5.83915	1.7492	0.26628	1
cg24403305	0.333046	1.22702	1.22702	0.123477	1.40756	1.40756	0.55073	1.13166	1.13166	0.0423443	0.619343	-1.61461	5.81552	3.8667	0.591017	1
cg00963171	0.81846	1.08408	1.08408	0.0322778	0.414626	-2.41181	0.854039	1.0668	1.0668	0.377978	0.727863	-1.37388	5.74889	11.2269	1.7359	1
cg03354898	0.259749	1.34119	1.34119	0.455915	1.20878	1.20878	0.514162	0.847731	-1.17962	0.122487	0.658426	-1.51877	5.73288	5.66116	0.877768	1
cg02471771	0.0578106	1.67132	1.67132	0.0616035	1.65558	1.65558	0.054086	1.68796	1.68796	0.487798	1.18387	1.18387	5.72948	5.20305	0.807218	1
cg25011577	0.806311	0.950902	-1.05163	0.0148091	0.540918	-1.84871	0.647452	1.09896	1.09896	0.133596	0.717781	-1.39318	5.70662	3.79593	0.591271	1
cg12967413	0.128898	1.2129	1.2129	0.00334362	1.59954	1.59954	0.427504	1.09998	1.09998	0.732083	0.960384	-1.04125	5.65126	1.2383	0.194773	1
cg23372092	0.0104144	2.07726	2.07726	0.0491312	1.66364	1.66364	0.0200601	0.529504	-1.88856	0.540045	0.868845	-1.15095	5.64453	4.5917	0.723092	1
cg24077588	0.212298	0.724852	-1.37959	0.0615768	1.67491	1.67491	0.549166	1.16004	1.16004	0.113497	1.52474	1.52474	5.6134	5.33374	0.844604	1
cg04900672	0.00976062	0.569012	-1.75743	0.0169948	1.65233	1.65233	0.84365	1.03466	1.03466	0.805784	1.04342	1.04342	5.59415	2.63754	0.419094	1
cg12593021	0.013985	0.532102	-1.87934	0.474166	0.859581	-1.16336	0.448781	1.17405	1.17405	0.26595	0.78587	-1.27248	5.69585	3.465	0.608338	1
cg03243669	0.0971632	0.657858	-1.52008	0.343323	0.798868	-1.25177	0.146636	0.698814	-1.431	0.00212512	0.37037	-2.70001	5.58506	4.68044	0.744914	1
cg03943446	0.0672755	0.669442	-1.49378	0.00109387	2.5667	2.5667	0.978918	1.00518	1.00518	0.200239	0.767362	-1.30317	5.39453	3.27225	0.539189	1
cg07156006	0.141	0.626278	-1.59673	0.143613	0.628477	-1.59115	0.00357055	0.311397	-3.21134	0.00195235	0.274012	-3.64948	5.3746	7.43611	1.22984	1
cg00373376	0.0176807	0.675768	-1.4798	0.45885	0.902629	-1.10788	0.00695368	0.622328	-1.60687	0.0538894	0.742857	-1.34615	5.36406	1.56721	0.259705	1
cg03634735	0.0366205	1.28792	1.28792	0.0119493	1.3865	1.3865	0.0838512	0.819288	-1.22057	0.584914	1.05915	1.05915	5.35092	0.919949	0.152821	1
cg04653264	0.0733978	0.461236	-2.16809	0.00182478	0.179574	-5.56873	0.573979	0.802359	-1.24632	0.0859529	0.479236	-2.08666	5.32371	12.6696	2.11541	1
cg08723357	0.00915912	0.685915	-1.45791	0.707569	1.04386	1.04386	0.185255	1.17354	1.17354	0.00932294	1.45598	1.45598	5.29961	1.08907	0.182666	1
cg01191509	0.0180792	1.80733	1.80733	0.00125529	2.64065	2.64065	0.0191892	1.79332	1.79332	0.00887584	1.98668	1.98668	5.24287	3.52804	0.598152	1
cg05609716	0.347258	0.728887	-1.37195	0.681667	0.873922	-1.14427	0.631893	1.17083	1.17083	0.942823	1.02371	1.02371	5.2333	8.84912	1.50304	1
cg07300192	0.0536029	0.691832	-1.44544	0.0263057	1.5572	1.5572	0.561488	1.10371	1.10371	0.0630657	1.4211	1.4211	5.22921	2.33978	0.397728	1
cg25906435	0.078565	1.31475	1.31475	0.00216325	1.82748	1.82748	0.0838472	0.764954	-1.30727	0.114893	0.78654	-1.27139	5.22739	1.62398	0.276148	1
cg23618217	0.0415841	0.485396	-2.06017	0.589994	0.845904	-1.18217	0.58071	0.842293	-1.18723	0.0378536	0.476751	-2.09753	5.31344	7.07922	1.33232	1
cg15783848	0.324929	1.27962	1.27962	0.161949	1.43651	1.43651	0.0291813	1.86523	1.86523	0.717068	0.915512	-1.09228	5.18712	4.83327	0.82825	1
cg18595635	0.11944	1.31778	1.31778	0.236384	1.22461	1.22461	0.627222	0.923186	-1.08321	0.103834	0.747917	-1.33705	5.16718	2.18266	0.375474	1
cg26003993	0.0158906	2.6034	2.6034	0.00190731	4.15611	4.15611	0.0157153	2.60937	2.60937	0.0313657	2.26605	2.26605	5.16553	8.58678	1.47762	1
cg08551333	0.0330776	0.564165	-1.77253	0.765548	0.933611	-1.07111	0.215752	0.741353	-1.34888	0.545189	0.868793	-1.15102	5.05572	4.22508	0.742847	1
cg00437166	0.696832	0.881333	-1.13464	0.85458	0.942525	-1.06098	0.0945799	0.55276	-1.8091	0.158196	0.614626	-1.627	4.97743	8.20585	1.46543	1
cg15048972	0.996726	0.999283	-1.00072	0.0053461	1.89887	1.89887	0.011344	1.7403	1.7403	0.115945	1.348	1.348	4.96684	2.40291	0.430037	1
cg16222367	0.0507034	0.408518	-2.44787	0.111594	0.49818	-2.00731	0.000873271	0.134329	-7.44441	0.130311	0.518395	-1.92903	4.92557	12.6126	2.27613	1
cg05164396	0.031756	0.60545	-1.65166	0.0158341	0.554792	-1.80248	0.930975	1.01742	1.01742	0.10757	0.704638	-1.41917	4.9021	3.08489	0.559378	1
cg22717323	0.014367	0.354798	-2.81851	0.188522	0.61978	-1.61348	0.869821	1.05793	1.05793	0.20649	0.632859	-1.58013	4.88664	9.12454	1.65977	1
cg01154248	0.149017	1.16707	1.16707	0.107809	0.839296	-1.19147	0.106338	0.838567	-1.19251	0.486761	1.07309	1.07309	4.88217	0.770693	0.140319	1
cg08021734	0.237951	1.15526	1.15526	0.000999581	1.76915	1.76915	0.473112	0.918338	-1.08892	0.0514841	0.771961	-1.2954	4.84563	1.04605	0.191888	1
cg23729427	0.840257	0.948629	-1.05415	0.133201	0.654882	-1.52699	0.00944265	2.36228	2.36228	0.28127	1.33994	1.33994	4.84163	5.23598	0.961289	1
cg26797297	0.838541	1.03356	1.03356	0.000830073	2.25731	2.25731	0.278299	0.833286	-1.20007	0.68736	1.06764	1.06764	4.83185	2.00283	0.36845	1
cg00502509	0.824178	1.06611	1.06611	0.594949	0.856948	-1.16693	0.0762637	0.566979	-1.76373	0.0135835	0.415389	-2.40738	4.81095	6.30617	1.16515	1
cg00589581	0.0555037	1.32438	1.32438	0.0130901	1.48945	1.48945	0.164885	0.825473	-1.21143	0.0130107	0.671046	-1.49021	4.80606	1.27562	0.235927	1
cg16338100	0.692898	0.953278	-1.04901	0.0110907	1.46802	1.46802	0.176669	0.841024	-1.18903	0.653895	0.947049	-1.05591	4.79015	1.10247	0.20458	1
cg17815546	0.893632	1.01232	1.01232	0.00468547	1.41086	1.41086	0.00557436	1.39565	1.39565	0.0402993	1.24224	1.24224	4.74408	0.629949	0.118032	1
cg27162392	0.27918	1.20124	1.20124	0.0886266	1.35813	1.35813	0.702873	0.939453	-1.06445	0.185781	1.25689	1.25689	4.72262	1.9865	0.373898	1
cg06624731	0.183874	0.828763	-1.20662	0.00296362	1.7218	1.7218	0.183773	1.20668	1.20668	0.790668	1.03608	1.03608	4.71833	1.32631	0.249865	1
cg22365446	0.956543	0.988552	-1.01158	0.01839	1.83019	1.83019	0.730773	1.07572	1.07572	0.602853	1.1173	1.1173	4.71769	3.33601	0.628558	1
cg01055075	0.0110525	0.212251	-4.7114	0.00188285	0.117281	-8.52655	0.81929	0.894677	-1.11772	0.105594	0.423233	-2.36276	4.70858	17.6391	3.32992	1
cg04848693	0.146861	0.654063	-1.52891	0.00443309	2.81625	2.81625	0.468569	0.817837	-1.22274	0.232605	0.710828	-1.40681	4.69153	5.52487	1.04678	1
cg24655669	0.564687	0.809313	-1.23562	0.862686	1.06493	1.06493	0.625931	0.836503	-1.19545	0.697203	0.867538	-1.15269	4.69007	9.80959	1.85917	1
cg01827097	0.225813	0.789397	-1.26679	0.00805597	1.87962	1.87962	0.290036	0.815326	-1.2265	0.0752215	0.6919	-1.4453	4.66786	2.55556	0.486649	1
cg20723773	0.20695	1.25022	1.25022	0.334666	1.18169	1.18169	0.453373	0.87971	-1.13674	0.137122	0.764391	-1.30823	4.64185	2.06976	0.396348	1
cg25744355	0.251689	0.659774	-1.51567	0.859767	1.06334	1.06334	0.907038	0.960244	-1.0414	0.525797	1.25014	1.25014	4.6023	8.79032	1.69776	1
cg25573368	0.416561	0.754489	-1.3254	0.00456466	0.277615	-3.60211	0.568507	0.822377	-1.21599	0.0421223	0.451821	-2.21326	4.59755	8.38255	1.62068	1
cg12577003	0.00428999	0.348379	-2.87044	0.0526563	0.544367	-1.837	0.322971	0.754404	-1.32555	0.0131959	0.428201	-2.33535	4.54732	5.48841	1.07285	1
cg10445988	0.310497	0.589832	-1.6954	0.00365404	0.138392	-7.22583	0.310686	0.589962	-1.69502	0.664696	0.803009	-1.24532	4.53387	18.173	3.56292	1
cg05030518	0.239289	1.56992	1.56992	0.0665323	2.12345	2.12345	0.174713	0.589583	-1.69611	0.526386	1.26484	1.26484	4.51036	9.56876	1.88578	1
cg18013792	0.0835154	1.34515	1.34515	0.00485479	1.78263	1.78263	0.362493	1.15589	1.15589	0.843992	1.03097	1.03097	4.50517	1.7095	0.337291	1
cg12937817	0.00631852	0.657618	-1.52064	0.133408	1.21023	1.21023	0.47186	0.917362	-1.09008	0.555084	0.932062	-1.07289	4.48247	0.986176	0.195562	1
cg16573836	0.786769	0.946191	-1.05687	0.00752142	2.01714	2.01714	0.762374	1.06382	1.06382	0.811534	1.04994	1.04994	4.45095	2.93345	0.585833	1
cg08176258	0.699826	0.871021	-1.14808	0.796594	1.09644	1.09644	0.167153	0.591616	-1.69029	0.00976666	0.312022	-3.20491	4.44428	8.9424	1.78855	1
cg08985282	0.374844	1.15459	1.15459	0.360359	1.15998	1.15998	0.295047	1.18694	1.18694	0.237974	1.21541	1.21541	4.43838	1.75076	0.35063	1
cg12073833	0.860452	1.07382	1.07382	0.125122	0.51073	-1.95798	0.962391	0.981095	-1.01927	0.132538	0.518416	-1.92895	4.43833	11.5163	2.30644	1
cg25786640	0.0476406	0.636725	-1.57054	0.0303044	1.66113	1.66113	0.791404	1.05425	1.05425	0.721569	0.93117	-1.07392	4.43061	2.78707	0.559154	1
cg00601311	0.544871	0.775235	-1.28993	0.049492	0.394075	-2.53759	0.448892	0.725702	-1.37798	0.46516	0.734312	-1.36182	4.43015	12.1107	2.42996	1
cg21940655	0.905897	1.01589	1.01589	0.00266677	1.73946	1.73946	0.468273	0.906335	-1.10335	0.0728917	0.765966	-1.30554	4.42541	1.24479	0.250028	1
cg25919098	0.713933	1.14339	1.14339	0.611762	1.20476	1.20476	0.0695567	0.477719	-2.09328	0.305485	0.679656	-1.47133	4.40431	9.2391	1.86466	1
cg13290180	0.00569671	2.56943	2.56943	0.0368663	1.87941	1.87941	0.978069	1.00718	1.00718	0.51656	1.18669	1.18669	4.38777	4.70697	0.953553	1
cg23931027	0.241082	0.821931	-1.21665	0.00211884	1.99437	1.99437	0.990516	1.0019	1.0019	0.669882	1.07093	1.07093	4.38586	1.77365	0.359469	1
cg13815311	0.345727	0.841639	-1.18816	0.0135707	1.71991	1.71991	0.408247	0.860558	-1.16204	0.154822	0.763124	-1.3104	4.34731	2.17019	0.443736	1
cg14004847	0.490808	0.846818	-1.18089	0.0449827	1.72735	1.72735	0.219274	0.735711	-1.35923	0.287666	1.29987	1.29987	4.33984	3.87933	0.794569	1
cg02304222	0.548965	0.841351	-1.18856	0.056604	1.84918	1.84918	0.581571	1.17182	1.17182	0.511626	1.2088	1.2088	4.31711	5.54835	1.1424	1
cg21543346	0.256809	1.13784	1.13784	0.0146549	1.38801	1.38801	0.652481	0.951746	-1.0507	0.0213255	0.73943	-1.35239	4.31392	0.813303	0.167582	1
cg11994639	0.0532632	0.482547	-2.07234	0.0102975	0.342022	-2.92379	0.039506	0.453728	-2.20396	0.164385	0.611205	-1.63611	4.31222	7.52103	1.55033	1
cg23300494	0.668539	0.897762	-1.11388	0.00111916	3.32554	3.32554	0.472222	1.20092	1.20092	0.924881	1.0239	1.0239	4.30816	4.27803	0.882671	1
cg06106265	0.347058	1.16417	1.16417	0.00552134	1.77282	1.77282	0.657313	0.932307	-1.07261	0.95554	1.00879	1.00879	4.27723	1.66958	0.34697	1
cg21329649	0.537086	1.15114	1.15114	0.595425	1.12827	1.12827	0.971732	0.992052	-1.00801	0.0422822	0.590497	-1.69349	4.26068	3.42236	0.713993	1
cg16627596	0.00358936	1.53129	1.53129	0.0406925	1.29088	1.29088	0.109095	0.827957	-1.20779	0.376806	1.10296	1.10296	4.23032	0.782202	0.164359	1
cg12583572	0.0732526	0.684529	-1.46086	0.00339816	2.12882	2.12882	0.213609	1.28209	1.28209	0.595292	1.10708	1.10708	4.17654	2.38152	0.506857	1
cg24505167	0.809614	0.931396	-1.07366	0.0051212	2.9712	2.9712	0.0563351	1.88948	1.88948	0.298036	0.727865	-1.37388	4.16676	5.72164	1.22059	1
cg17775727	0.315559	0.723168	-1.3828	0.300491	1.39808	1.39808	0.11582	1.70551	1.70551	0.624326	1.16668	1.16668	4.15524	6.41983	1.37333	1
cg11794120	0.679819	1.06624	1.06624	0.493092	1.11358	1.11358	0.412069	0.878432	-1.13839	0.947965	1.01014	1.01014	4.14447	1.56781	0.336258	1
cg22700036	0.238459	0.897398	-1.11433	0.169601	1.13687	1.13687	0.758301	0.973301	-1.02743	0.456957	1.06868	1.06868	4.12239	0.501899	0.108222	1
cg02489738	0.0363485	0.443787	-2.25333	0.126031	0.575384	-1.73797	0.0529325	0.47977	-2.08433	0.0746354	0.515271	-1.94072	4.1131	7.26222	1.56945	1
cg10774647	0.806009	1.1448	1.1448	0.772269	0.852577	-1.17291	0.0232711	0.22526	-4.43931	0.447973	0.653744	-1.52965	4.07129	19.4781	4.25269	1
cg05323058	0.893633	1.01941	1.01941	0.0587497	1.35912	1.35912	0.0246672	0.680786	-1.46889	0.103656	0.77431	-1.29147	4.06675	1.33049	0.290811	1
cg17545141	0.82583	0.884012	-1.13121	0.0749929	0.329813	-3.03202	0.70828	1.234	1.234	0.987678	0.991399	-1.00868	4.03329	19.9894	4.40542	1
cg21767034	0.0107316	0.428819	-2.33198	0.434888	0.810255	-1.23418	0.732784	0.913467	-1.09473	0.112561	0.633685	-1.57807	4.02973	4.45125	0.98187	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18752987	MAD1L1;MAD1L1;MAD1L1	0.0314112	0.568423	0.895545	-1.11664	0.0104728	1.85263	1.85263	0.0213712	1.69763	1.69763	0.0918581	0.701067	-1.4264	0.0478311	1.54187	1.54187
cg26533351	MAD1L1;MAD1L1;MAD1L1	0.0314584	0.524903	0.780998	-1.28041	0.11578	1.92676	1.92676	0.747076	0.883257	-1.13217	0.947988	0.975282	-1.02534	0.000665326	0.135502	-7.37998
cg13470333	MAD1L1;MAD1L1;MAD1L1	0.0320313	0.235142	0.635842	-1.57272	0.962845	1.0171	1.0171	0.280408	0.664779	-1.50426	0.880822	0.946869	-1.05611	0.00320609	0.231319	-4.32303
cg12575511	MAD1L1;MAD1L1;MAD1L1	0.0321809	0.890347	0.964586	-1.03671	0.166615	1.47032	1.47032	0.688783	1.11097	1.11097	0.0799515	1.66171	1.66171	0.00100115	0.278882	-3.58575
cg13844341	MAD1L1;MAD1L1;MAD1L1	0.0323152	0.151826	0.827439	-1.20855	0.569748	0.931581	-1.07344	0.0555365	0.765143	-1.30695	0.00478591	0.630047	-1.58718	0.598601	0.936566	-1.06773
cg04600018	MAD1L1;MAD1L1;MAD1L1	0.032576	0.358041	1.44049	1.44049	0.0307498	2.664	2.664	0.0191145	2.98961	2.98961	0.206734	0.597966	-1.67234	0.511252	1.29342	1.29342
cg05211192	MAD1L1;MAD1L1;MAD1L1	0.0328875	0.0128033	0.610646	-1.63761	0.060439	0.713364	-1.40181	0.954297	1.00918	1.00918	0.416655	0.875967	-1.1416	0.00205095	0.500087	-1.99965
cg05928369	MAD1L1;MAD1L1;MAD1L1	0.0335645	0.557997	0.855046	-1.16953	0.00110142	0.280344	-3.56704	0.071348	0.587226	-1.70292	0.936376	1.02133	1.02133	0.185576	0.690019	-1.44923
cg11950124	MAD1L1;MAD1L1;MAD1L1	0.0344765	0.301241	0.694557	-1.43977	0.536474	0.808153	-1.23739	0.997067	0.99875	-1.00125	0.274082	0.678907	-1.47296	0.0029861	0.250055	-3.99912
cg14394327	MAD1L1;MAD1L1;MAD1L1	0.0351384	0.32682	0.641527	-1.55878	0.0445222	2.75027	2.75027	0.0471707	2.70734	2.70734	0.282268	0.612644	-1.63227	0.00460723	0.191384	-5.22509
cg05797131	MAD1L1;MAD1L1;MAD1L1	0.0358175	0.059504	0.417749	-2.39378	0.00296226	0.187508	-5.33312	0.180399	0.557805	-1.79274	0.619548	0.814322	-1.22802	0.00988642	0.262449	-3.81026
cg12550600	MAD1L1;MAD1L1;MAD1L1	0.036938	0.20279	1.35791	1.35791	0.0048095	2.34262	2.34262	0.647824	1.11032	1.11032	0.175352	0.720418	-1.38808	0.523186	1.15862	1.15862
cg18227995	MAD1L1;MAD1L1;MAD1L1	0.037017	0.394097	1.22572	1.22572	0.596129	0.882754	-1.13282	0.554784	1.14946	1.14946	0.660475	1.10856	1.10856	0.00896609	0.460733	-2.17045
cg24941703	MAD1L1;MAD1L1;MAD1L1	0.0371572	0.866827	1.05412	1.05412	0.030207	2.22627	2.22627	0.734287	0.898534	-1.11292	0.961873	0.9851	-1.01513	0.0328045	0.456498	-2.19059
cg17712928	MAD1L1;MAD1L1;MAD1L1	0.0382441	0.87917	1.03137	1.03137	0.715293	1.07721	1.07721	0.0388989	0.615419	-1.62491	0.580608	1.11997	1.11997	0.0217614	0.571682	-1.74922
cg16062856	MAD1L1;MAD1L1;MAD1L1	0.0393001	0.849112	0.955794	-1.04625	0.127948	0.676604	-1.47797	0.647171	0.896377	-1.1156	0.581808	0.876303	-1.14116	0.00056364	0.281135	-3.55701
cg01560934	MAD1L1;MAD1L1;MAD1L1	0.0393594	0.961073	1.00781	1.00781	0.602886	1.08727	1.08727	0.910328	0.982201	-1.01812	0.485214	1.11969	1.11969	0.0694385	0.723442	-1.38228
cg24247786	MAD1L1;MAD1L1;MAD1L1	0.0395993	0.00852272	0.470044	-2.12746	0.0393377	0.585015	-1.70936	0.0264393	0.553311	-1.8073	0.597826	0.887173	-1.12718	0.00509375	0.434964	-2.29904
cg00860321	MAD1L1;MAD1L1;MAD1L1	0.0398497	0.322539	0.814756	-1.22736	0.0834812	0.681072	-1.46827	0.202014	0.763323	-1.31006	0.258622	1.26655	1.26655	0.00474496	0.471476	-2.121
cg15070274	MAD1L1;MAD1L1;MAD1L1	0.0420074	0.006021	0.547537	-1.82636	0.286906	0.836322	-1.19571	0.0189901	0.624631	-1.60094	0.54631	0.906379	-1.10329	?	?	?
cg27305769	MAD1L1;MAD1L1;MAD1L1	0.0422549	0.046197	0.617949	-1.61826	0.254059	0.778035	-1.28529	0.0165014	0.539397	-1.85392	0.738699	1.0731	1.0731	0.0131881	0.523334	-1.91083
cg06789500	MAD1L1;MAD1L1;MAD1L1	0.0423509	0.0876755	0.423961	-2.35871	0.00532956	0.188034	-5.31819	0.00311669	0.158757	-6.29893	0.159171	0.50413	-1.98361	0.186372	0.528514	-1.8921
cg04953350	MAD1L1;MAD1L1;MAD1L1	0.0428646	0.61811	0.905055	-1.10491	0.25997	0.791969	-1.26268	0.461638	0.861784	-1.16038	0.245585	0.785796	-1.2726	0.0532203	1.54642	1.54642
cg13808180	MAD1L1;MAD1L1;MAD1L1	0.0432361	0.511272	1.15066	1.15066	0.0284523	1.72407	1.72407	0.992731	1.00192	1.00192	0.0148407	0.531902	-1.88005	0.295072	0.795544	-1.257
cg16960402	MAD1L1;MAD1L1;MAD1L1	0.0434591	0.0385197	0.444168	-2.2514	0.00359572	0.263229	-3.79897	0.0543166	0.477453	-2.09445	0.801857	0.918394	-1.08886	0.0672567	0.499421	-2.00232
cg17757825	MAD1L1;MAD1L1;MAD1L1	0.0436392	0.737115	0.947671	-1.05522	0.161261	1.26958	1.26958	0.00471047	1.82053	1.82053	0.0176921	0.631115	-1.5845	0.200531	1.24074	1.24074
cg08072217	MAD1L1;MAD1L1;MAD1L1	0.0445044	0.331075	0.740181	-1.35102	0.165128	1.55923	1.55923	0.0232145	0.443068	-2.25699	0.0293642	0.463079	-2.15946	0.144377	0.624752	-1.60063
cg10079132	MAD1L1;MAD1L1;MAD1L1	0.0445668	0.755001	0.954392	-1.04779	0.296723	0.851004	-1.17508	0.20293	0.81837	-1.22194	0.872333	0.976303	-1.02427	0.298212	1.17446	1.17446
cg20878251	MAD1L1;MAD1L1;MAD1L1	0.0448182	0.183991	0.696699	-1.43534	0.0667512	0.59033	-1.69397	0.00816704	0.419774	-2.38224	0.390425	0.797987	-1.25315	0.228497	0.723182	-1.38278
cg18302629	MAD1L1;MAD1L1;MAD1L1	0.0465401	0.666355	0.827658	-1.20823	0.00767332	0.224432	-4.45568	0.175054	0.533157	-1.87562	0.327474	1.55394	1.55394	0.0213233	0.299221	-3.34201
cg18546384	MAD1L1;MAD1L1;MAD1L1	0.0465995	0.0102686	0.282053	-3.54543	0.514506	0.772116	-1.29514	0.942211	1.02877	1.02877	0.501821	1.30565	1.30565	0.0035371	0.212889	-4.69728
cg17893767	MAD1L1;MAD1L1;MAD1L1	0.0480439	0.420559	0.857339	-1.1664	0.119414	0.728996	-1.37175	0.0388742	0.639342	-1.56411	0.590712	0.903432	-1.10689	0.49825	0.879321	-1.13724
cg27119212	MAD1L1;MAD1L1;MAD1L1	0.0481327	0.154275	0.512275	-1.95208	0.115772	0.472438	-2.11668	0.0131719	0.259721	-3.85028	0.0262727	0.314711	-3.17752	0.00647243	0.211672	-4.72428
cg13037895	MAD1L1;MAD1L1;MAD1L1	0.048471	0.376695	0.842143	-1.18745	0.962994	0.991251	-1.00883	0.90041	0.976567	-1.02399	0.107637	1.3945	1.3945	0.149072	0.745992	-1.3405
cg16206324	MAD1L1;MAD1L1;MAD1L1	0.0490749	0.09882	0.667036	-1.49917	0.980904	1.00537	1.00537	0.0982623	1.50037	1.50037	0.351301	0.806852	-1.23939	0.0402345	0.588463	-1.69934
cg20593887	MAD1L1;MAD1L1;MAD1L1	0.049078	0.0150541	0.65994	-1.51529	0.17117	0.816548	-1.22467	0.0824447	0.765234	-1.30679	0.237288	0.8418	-1.18793	0.594273	0.927947	-1.07765
cg03727554	MAD1L1;MAD1L1;MAD1L1	0.0492775	0.501998	1.22949	1.22949	0.116365	1.6776	1.6776	0.109017	0.588649	-1.6988	0.0720282	0.543973	-1.83833	0.602607	1.17266	1.17266
cg00680768	MAD2L1	0.000346788	0.0021307	0.39062	-2.56003	0.00136721	0.363547	-2.75068	0.167617	0.725903	-1.37759	0.000283659	0.274837	-3.63852	0.743575	1.07411	1.07411
cg23781003	MAD2L1	0.000530498	0.2036	0.921534	-1.08515	0.000176661	1.47281	1.47281	0.00103934	1.3441	1.3441	0.0889507	0.892041	-1.12102	0.258258	0.930685	-1.07448
cg27080119	MAD2L1	0.030287	0.00674547	0.244348	-4.09252	0.464278	0.741681	-1.34829	0.397933	0.70663	-1.41517	0.0567261	0.420936	-2.37566	0.0429445	0.392736	-2.54624
cg16225753	MAD2L1	0.038369	0.212689	1.21159	1.21159	0.966413	1.00618	1.00618	0.00120458	2.00069	2.00069	0.841005	0.971055	-1.02981	0.250895	0.839092	-1.19176
cg23945273	MAD2L1;MAD2L1	0.0354644	0.710735	0.916626	-1.09096	0.028545	0.546717	-1.8291	0.261915	0.760801	-1.3144	0.0130397	0.486854	-2.054	0.0621412	0.612164	-1.63355
cg14487595	MAD2L1BP;GTPBP2	0.000589206	0.0336097	0.705512	-1.41741	0.297531	1.16391	1.16391	0.144125	0.802089	-1.24674	0.208278	1.20497	1.20497	0.159577	1.23521	1.23521
cg06024111	MAD2L1BP;GTPBP2	0.00317052	0.79978	0.981571	-1.01877	0.949731	0.995396	-1.00462	0.158217	1.11673	1.11673	0.000179191	0.62854	-1.59099	0.698847	1.02886	1.02886
cg06110578	MAD2L1BP;GTPBP2	0.0203315	0.80084	0.971007	-1.02986	0.0034712	1.58687	1.58687	0.00690734	1.50228	1.50228	0.362869	0.896861	-1.115	0.26736	1.14396	1.14396
cg06984657	MAD2L1BP;GTPBP2	0.024551	0.943413	0.990418	-1.00967	0.188085	1.20826	1.20826	0.085115	1.2946	1.2946	0.472624	1.10416	1.10416	0.93261	1.01154	1.01154
cg08259472	MAD2L1BP;MAD2L1BP	0.00251816	0.61862	1.05422	1.05422	0.0794181	0.814762	-1.22735	0.942203	1.00766	1.00766	0.0104282	0.712271	-1.40396	0.7212	1.03842	1.03842
cg13529437	MAD2L1BP;MAD2L1BP	0.00547981	0.605529	1.11792	1.11792	0.665686	0.911185	-1.09747	0.368778	1.21836	1.21836	0.0846179	1.50395	1.50395	0.0427121	0.607053	-1.6473
cg05792494	MAD2L1BP;MAD2L1BP	0.0104042	0.00397633	0.35384	-2.82614	0.0408014	0.530717	-1.88424	0.412413	0.798644	-1.25212	0.179734	0.6823	-1.46563	0.000636509	0.244767	-4.08551
cg02768875	MAD2L1BP;MAD2L1BP	0.0468855	0.307371	1.21921	1.21921	0.0128819	1.78465	1.78465	0.987582	1.00292	1.00292	0.042081	1.55167	1.55167	0.953532	1.01099	1.01099
cg19651155	MAD2L1BP;MAD2L1BP;GTPBP2	0.00829066	0.0443625	1.51079	1.51079	0.622243	0.915091	-1.09279	0.607532	1.09698	1.09698	0.281525	1.22138	1.22138	0.000369246	0.361088	-2.76941
cg13543595	MAD2L1BP;MAD2L1BP;MAD2L1BP	0.000538539	0.010556	1.35071	1.35071	0.00320828	1.4751	1.4751	?	?	?	0.101653	1.17182	1.17182	0.0907955	1.17969	1.17969
cg16695380	MAD2L2	0.0142846	0.00266266	0.283926	-3.52204	0.0190473	0.423146	-2.36325	0.0284839	0.456867	-2.18882	0.146345	0.623456	-1.60396	0.0281117	0.45573	-2.19428
cg26105283	MAD2L2	0.0238703	0.0274544	0.58561	-1.70762	0.214348	0.764755	-1.30761	0.00730036	0.49176	-2.03351	0.128316	1.4011	1.4011	0.00975803	0.511453	-1.95521
cg16134717	MAD2L2;C1orf187	0.00651021	0.00816635	0.170161	-5.87679	0.13749	0.433092	-2.30898	0.00867782	0.173766	-5.75487	0.146644	0.442626	-2.25925	0.00759644	0.165949	-6.02596
cg21420090	MAD2L2;C1orf187	0.016048	0.455944	0.861413	-1.16088	0.257752	0.792926	-1.26115	0.307852	0.812713	-1.23045	0.261426	0.794462	-1.25871	0.107298	0.707973	-1.41248
cg01719832	MAD2L2;C1orf187	0.0164899	0.017899	0.356525	-2.80485	0.0365195	0.418531	-2.38931	0.00417376	0.252637	-3.95825	0.0630264	0.472607	-2.11592	0.0118961	0.324608	-3.08064
cg25102735	MAD2L2;C1orf187	0.0168272	0.0519356	0.668828	-1.49515	0.0523406	0.669415	-1.49384	0.00499048	0.50872	-1.96572	0.28543	0.817264	-1.22359	0.907068	0.978984	-1.02147
cg02397176	MAD2L2;C1orf187	0.0196328	0.0131879	0.236004	-4.23722	0.0178935	0.258647	-3.86628	0.0416644	0.331718	-3.01461	0.415879	1.47809	1.47809	0.00525487	0.17736	-5.63825
cg03498897	MAD2L2;C1orf187	0.0283402	0.500141	1.07867	1.07867	0.231346	0.870306	-1.14902	0.242233	0.873346	-1.14502	0.983131	0.997663	-1.00234	0.0758353	1.24437	1.24437
cg09932135	MAD2L2;C1orf187	0.0293929	0.0213693	0.256751	-3.89483	0.0276525	0.278015	-3.59693	0.0205363	0.253604	-3.94316	0.0760974	0.378942	-2.63893	0.0221519	0.259627	-3.85168
cg02864688	MAD2L2;C1orf187	0.0359177	0.0266432	0.448716	-2.22858	0.681557	0.881737	-1.13412	0.120494	0.598257	-1.67152	0.100069	0.577138	-1.73269	0.0361674	0.475594	-2.10263
cg15012981	MAD2L2;MAD2L2	0.0328629	0.768995	0.885663	-1.1291	0.0628885	0.422007	-2.36963	0.00157482	0.153891	-6.49809	0.587548	1.2533	1.2533	0.182122	1.79294	1.79294
cg09072634	MAD2L2;MAD2L2	0.0349127	0.095723	0.657168	-1.52168	0.0211291	0.529348	-1.88912	0.712378	1.08866	1.08866	0.0422287	1.71058	1.71058	0.0140907	0.498973	-2.00412
cg22456539	MAD2L2;MAD2L2	0.0397513	0.155578	0.709595	-1.40925	0.748775	1.07524	1.07524	0.617246	0.892477	-1.12048	0.00332717	0.405607	-2.46544	0.102362	1.49719	1.49719
cg24718367	MAD2L2;MAD2L2	0.0467736	0.489996	0.790355	-1.26525	0.356845	1.37431	1.37431	0.223627	1.53569	1.53569	0.860384	0.942642	-1.06085	0.0186777	0.384257	-2.60242
cg15183649	MADCAM1;MADCAM1	0.000380891	0.0136821	0.345233	-2.89659	0.0509137	0.4604	-2.17202	0.0171771	0.363189	-2.75339	0.544216	0.807271	-1.23874	0.00176013	0.211313	-4.73232
cg13777292	MADCAM1;MADCAM1	0.00124108	0.317356	0.810659	-1.23356	3.12E-05	5.20495	5.20495	0.1057	1.43176	1.43176	0.19039	1.32526	1.32526	0.196862	0.757988	-1.31928
cg25695172	MADCAM1;MADCAM1	0.00142908	0.00415135	0.275692	-3.62724	0.00160835	0.219394	-4.55801	0.453126	0.773929	-1.29211	0.75163	0.899002	-1.11234	0.00168002	0.221798	-4.5086
cg14985989	MADCAM1;MADCAM1	0.00187097	0.43915	0.854467	-1.17032	0.00056999	2.89689	2.89689	0.430211	1.17409	1.17409	0.00192854	2.39851	2.39851	0.00457911	0.471225	-2.12213
cg14045283	MADCAM1;MADCAM1	0.00299518	0.106181	0.710673	-1.40712	0.00373689	0.468637	-2.13385	0.114466	1.39419	1.39419	0.813398	0.95526	-1.04684	0.0348921	1.60949	1.60949
cg26522278	MADCAM1;MADCAM1	0.0120741	0.233669	0.885219	-1.12966	0.167704	1.1544	1.1544	0.853131	1.01826	1.01826	0.846848	1.01906	1.01906	0.00756452	0.71498	-1.39864
cg19501536	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.00188148	0.000638932	0.08055	-12.4146	0.0104071	0.212255	-4.71132	0.270525	0.576268	-1.73531	0.00462697	0.163629	-6.1114	0.00927607	0.204722	-4.88467
cg23844623	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.00229771	0.0455805	0.679508	-1.47165	0.180509	1.27083	1.27083	0.274096	1.21144	1.21144	0.0296126	1.53975	1.53975	0.184037	0.788586	-1.26809
cg24251890	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.00652237	0.879421	1.0262	1.0262	0.109471	0.742782	-1.34629	0.941215	1.01265	1.01265	0.0149272	0.600471	-1.66536	0.0742022	0.712485	-1.40354
cg12123211	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0149698	0.41675	0.776434	-1.28794	0.0432713	2.03159	2.03159	0.460097	1.25773	1.25773	0.637352	0.865218	-1.15578	0.0319276	0.464644	-2.15218
cg07483936	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0151125	0.0141258	0.808721	-1.23652	0.052884	0.857074	-1.16676	0.750567	1.02261	1.02261	0.0285	0.834277	-1.19864	0.919661	1.0071	1.0071
cg17580616	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.017562	0.837433	0.955456	-1.04662	0.02952	0.566416	-1.76549	0.0702086	0.638321	-1.56661	0.0514829	0.611586	-1.63509	0.425986	0.835023	-1.19757
cg01558492	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0204211	0.455107	0.863222	-1.15845	0.444493	0.860103	-1.16265	0.124232	0.724832	-1.37963	0.0069325	0.508899	-1.96502	0.204568	0.771966	-1.29539
cg06013329	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0233345	0.00912749	0.265554	-3.76572	0.0736729	2.22174	2.22174	0.171981	1.78977	1.78977	0.0699514	0.444311	-2.25068	0.00670199	0.244659	-4.08731
cg11031937	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0265395	0.341599	0.715329	-1.39796	0.47779	1.27985	1.27985	0.00474368	3.6047	3.6047	0.865699	1.05958	1.05958	0.262313	0.670602	-1.4912
cg11437231	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0279753	0.184003	0.881406	-1.13455	0.0352496	1.24564	1.24564	0.044693	1.22929	1.22929	0.25466	0.898945	-1.11241	0.0907336	0.846266	-1.18166
cg07637188	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0287487	0.00476587	0.270932	-3.69096	0.109938	1.83526	1.83526	0.0110311	3.0375	3.0375	0.870126	1.05868	1.05868	0.380557	1.36812	1.36812
cg12841566	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0321512	0.739017	0.899743	-1.11143	0.00541626	3.17886	3.17886	0.0934997	1.79118	1.79118	0.284191	1.42125	1.42125	0.00990627	0.35717	-2.79979
cg16317516	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0412809	0.046971	0.342756	-2.91753	0.893933	1.06483	1.06483	0.248576	1.76463	1.76463	0.92419	1.04584	1.04584	0.0268424	0.290887	-3.43776
cg12195149	MADD;NR1H3;MADD;MADD;NR1H3;MADD;NR1H3;MADD;MADD;MADD	0.00943667	0.0235481	0.687548	-1.45444	0.0154105	1.50956	1.50956	0.791808	0.964018	-1.03733	0.0904802	1.29484	1.29484	0.604869	1.07498	1.07498
cg27128352	MAEA;MAEA	2.07E-05	1.14E-06	0.239956	-4.16743	0.0418335	1.30352	1.30352	0.0273942	1.34296	1.34296	0.235268	1.15092	1.15092	0.104819	0.818486	-1.22177
cg18299068	MAEA;MAEA	0.00010664	0.631033	0.9265	-1.07933	1.16E-05	4.33333	4.33333	0.0141654	1.61208	1.61208	0.00557547	1.77595	1.77595	0.000515557	0.425315	-2.3512
cg01916421	MAEA;MAEA	0.000206222	0.210233	1.50237	1.50237	8.71E-05	8.75662	8.75662	0.000317022	6.03846	6.03846	0.360651	1.33604	1.33604	6.50E-05	0.104225	-9.59463
cg01931028	MAEA;MAEA	0.000454776	0.971679	0.987152	-1.01302	0.533417	1.25831	1.25831	0.0195241	0.35767	-2.79588	0.546298	0.800593	-1.24907	0.0211931	0.364483	-2.74361
cg15303329	MAEA;MAEA	0.00058279	0.05347	0.659971	-1.51522	0.183294	1.30669	1.30669	0.270689	1.24269	1.24269	0.715373	1.07185	1.07185	0.000158591	0.294169	-3.39941
cg08899937	MAEA;MAEA	0.000678328	0.631664	1.09622	1.09622	0.260928	0.800107	-1.24983	0.996982	0.999281	-1.00072	0.00389089	0.477402	-2.09467	0.0458627	0.647059	-1.54546
cg21110844	MAEA;MAEA	0.000994439	0.83314	0.974311	-1.02637	0.00111114	1.80883	1.80883	0.0393763	1.34181	1.34181	0.0791593	0.786279	-1.27181	0.718318	0.956299	-1.0457
cg04612203	MAEA;MAEA	0.000998702	0.58554	0.885428	-1.1294	0.000163529	4.14076	4.14076	0.348789	0.80803	-1.23758	0.116103	1.45847	1.45847	0.00447351	0.432693	-2.31111
cg01418351	MAEA;MAEA	0.00126588	0.000359559	0.294383	-3.39693	0.0548841	0.628037	-1.59226	0.824184	1.04869	1.04869	0.38264	0.825897	-1.2108	0.000417816	0.302561	-3.30512
cg23447233	MAEA;MAEA	0.00139949	0.0106266	0.271403	-3.68456	0.135341	0.520246	-1.92217	0.542154	0.778419	-1.28465	0.00962853	0.264403	-3.78211	0.000234596	0.0840771	-11.8938
cg01860054	MAEA;MAEA	0.00150014	0.947149	0.992332	-1.00773	0.633074	1.05744	1.05744	0.0307938	1.3425	1.3425	0.763667	0.965591	-1.03563	0.000247386	2.01922	2.01922
cg05719599	MAEA;MAEA	0.00199185	0.124329	0.771258	-1.29658	0.171218	1.25532	1.25532	0.973039	1.00529	1.00529	0.0901742	0.74716	-1.3384	3.72E-05	0.290171	-3.44624
cg00689492	MAEA;MAEA	0.00218315	0.0524613	0.478864	-2.08828	0.659931	1.15934	1.15934	0.726359	1.12448	1.12448	0.681351	1.14782	1.14782	0.966691	0.986154	-1.01404
cg06696815	MAEA;MAEA	0.00253915	0.153875	0.726106	-1.37721	0.092297	1.47467	1.47467	0.000494219	3.13761	3.13761	0.81607	0.952327	-1.05006	0.20276	0.754348	-1.32565
cg08229518	MAEA;MAEA	0.0028365	0.00144744	0.296228	-3.37578	0.054332	1.78095	1.78095	0.142542	0.659254	-1.51687	0.918564	1.0274	1.0274	0.000586027	0.245495	-4.07341
cg07110949	MAEA;MAEA	0.0029183	0.145325	0.880403	-1.13584	0.484599	1.05956	1.05956	0.36336	1.07906	1.07906	0.000320656	0.622323	-1.60688	0.00483281	1.3559	1.3559
cg07241925	MAEA;MAEA	0.00349861	0.491404	0.88172	-1.13415	0.111163	1.36694	1.36694	0.00285925	0.477482	-2.09432	0.11879	0.737145	-1.35659	0.148088	0.756188	-1.32242
cg24597363	MAEA;MAEA	0.00449867	0.249111	1.45127	1.45127	0.0147838	2.52786	2.52786	0.056004	0.51209	-1.95278	0.265627	1.4314	1.4314	0.0591733	0.517534	-1.93224
cg04277993	MAEA;MAEA	0.00475745	0.00643212	0.685351	-1.45911	0.00626199	1.46191	1.46191	0.152325	0.849208	-1.17757	0.00803448	0.696264	-1.43624	0.00811079	0.696728	-1.43528
cg05374867	MAEA;MAEA	0.00509712	0.360247	0.868933	-1.15084	0.0015723	1.97031	1.97031	0.146904	1.26178	1.26178	0.388504	1.14111	1.14111	0.111224	0.77171	-1.29582
cg08450348	MAEA;MAEA	0.00523514	0.115754	1.71961	1.71961	0.132437	1.67333	1.67333	0.0263577	2.30506	2.30506	0.0550933	1.99291	1.99291	0.00496927	0.307533	-3.25168
cg01802687	MAEA;MAEA	0.0056138	0.00847222	0.53835	-1.85753	0.00238388	0.458314	-2.18191	0.00770697	0.532176	-1.87908	0.840075	0.963457	-1.03793	0.0622251	0.67925	-1.47221
cg09856153	MAEA;MAEA	0.00596692	0.0335735	0.584695	-1.71029	0.960583	1.01074	1.01074	0.00213342	0.393452	-2.5416	0.870519	1.03589	1.03589	0.760543	0.936058	-1.06831
cg17879352	MAEA;MAEA	0.00606422	0.341057	0.875248	-1.14253	0.951248	0.991768	-1.0083	0.0141284	0.654749	-1.5273	0.527801	1.09052	1.09052	0.00184812	0.530884	-1.88365
cg21593149	MAEA;MAEA	0.00670028	0.0180416	0.674933	-1.48163	0.0400373	1.38372	1.38372	0.000645735	0.488532	-2.04695	0.049987	0.736453	-1.35786	0.496761	1.09903	1.09903
cg25278298	MAEA;MAEA	0.00688666	0.170065	0.806295	-1.24024	0.0387612	1.42278	1.42278	0.913333	1.01617	1.01617	0.845582	0.97168	-1.02915	0.870903	1.02425	1.02425
cg10783925	MAEA;MAEA	0.00691604	0.00431387	0.518985	-1.92684	0.000815927	2.38062	2.38062	0.983613	0.996476	-1.00354	0.507719	0.890915	-1.12244	0.673741	1.0755	1.0755
cg25720849	MAEA;MAEA	0.00784258	0.640389	0.913537	-1.09465	0.29491	0.811568	-1.23218	0.853273	1.03623	1.03623	0.424303	0.854843	-1.16981	0.0003495	0.331267	-3.01871
cg21167046	MAEA;MAEA	0.00924893	0.139924	0.615637	-1.62433	0.00375615	3.30302	3.30302	0.84542	1.06143	1.06143	0.811057	0.929461	-1.07589	0.0270496	0.449563	-2.22438
cg18366200	MAEA;MAEA	0.00983948	0.708398	1.07518	1.07518	0.0893316	0.696672	-1.4354	0.000431737	0.341563	-2.92772	0.737075	1.06717	1.06717	0.339827	0.827122	-1.20901
cg23095634	MAEA;MAEA	0.00988826	0.00713386	0.207263	-4.8248	0.00543914	0.19083	-5.24026	0.136884	0.483985	-2.06618	0.207659	0.547864	-1.82527	0.876221	1.07315	1.07315
cg13096128	MAEA;MAEA	0.0113832	0.899452	0.971283	-1.02957	0.044595	1.70157	1.70157	0.132074	1.45448	1.45448	0.396102	0.818475	-1.22178	0.725793	1.08455	1.08455
cg25070192	MAEA;MAEA	0.0160431	0.31756	0.665902	-1.50172	0.0368929	2.596	2.596	0.410894	1.39228	1.39228	0.199369	0.586456	-1.70516	0.0723189	0.454157	-2.20188
cg12382557	MAEA;MAEA	0.0177277	0.0717089	0.594132	-1.68313	0.00353353	2.78417	2.78417	0.161094	1.47338	1.47338	0.0519103	1.77302	1.77302	0.6438	1.12813	1.12813
cg16782236	MAEA;MAEA	0.0189693	0.381723	0.830185	-1.20455	0.00275209	0.424421	-2.35615	0.486376	1.15803	1.15803	0.00162921	0.392034	-2.5508	0.253656	0.780908	-1.28056
cg06976589	MAEA;MAEA	0.0216643	0.0205559	0.287161	-3.48237	0.0120442	0.246514	-4.05656	0.348269	0.649305	-1.54011	0.838813	[illegible]	[illegible]	0.00818608	0.220211	-4.5411
cg19318899	MAEA;MAEA	0.0250752	0.00219758	0.200605	-4.98491	0.935304	1.03084	1.03084	0.75841	1.12235	1.12235	0.695266	1.15869	1.15869	0.396102	0.722421	-1.38423
cg05518543	MAEA;MAEA	0.037327	0.334801	0.782759	-1.27753	0.298234	1.3041	1.3041	0.0051119	2.48674	2.48674	0.921503	0.976022	-1.02457	0.931948	0.979189	-1.02125
cg05122605	MAEA;MAEA	0.04595	0.712542	0.935568	-1.06887	0.0451912	1.51217	1.51217	0.0821683	1.41422	1.41422	0.91014	0.979948	-1.02046	0.611346	1.09661	1.09661
cg26709693	MAEA;MAEA	0.0472376	0.371875	1.28216	1.28216	0.0483531	2.75446	2.75446	0.548713	1.17881	1.17881	0.762994	1.08544	1.08544	0.130395	1.55715	1.55715
cg00001349	MAEL	0.000960411	0.471011	1.13625	1.13625	0.728945	1.06247	1.06247	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27053975	MAEL	0.00216361	0.000106376	0.305161	-3.27696	0.406357	0.862956	-1.15881	0.341774	0.843692	-1.18527	0.00126792	0.442164	-2.2616	0.0266453	0.633931	-1.57746

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18752987	0.992185	1.00188	1.00188	0.0412911	1.56905	1.56905	0.435739	0.858838	-1.16436	0.669956	0.921228	-1.08551	4.02048	2.33197	0.515577	1
cg26533351	0.426683	0.732441	-1.3653	0.6076	0.81979	-1.21982	0.160689	0.562782	-1.77689	0.6973	0.860744	-1.16179	4.01833	9.3668	2.07202	1
cg13470333	0.00394242	0.243828	-4.10125	0.308855	0.681637	-1.46706	0.247048	0.643745	-1.55341	0.0293591	0.393031	-2.54433	3.99248	8.37337	1.86425	1
cg12575511	0.720331	1.09853	1.09853	0.689661	0.900398	-1.11062	0.665144	0.892412	-1.12056	0.812079	0.939643	-1.06423	3.98582	4.31306	0.961866	1
cg13844341	0.429741	1.10455	1.10455	0.0184206	1.423	1.423	0.700693	0.953468	-1.0488	0.170539	0.835225	-1.19728	3.97988	0.959355	0.214268	1
cg04600018	?	?	?	0.0112208	0.293201	-3.41063	0.939586	1.0297	1.0297	0.867145	1.06679	1.06679	4.03397	8.46845	2.09929	1
cg05211192	0.023443	0.649286	-1.54015	0.290967	0.83961	-1.19103	0.530414	0.903585	-1.1067	0.15991	0.786983	-1.27067	3.9549	1.59405	0.358272	1
cg05928369	0.0255651	0.49598	-2.01621	0.763341	1.08309	1.08309	0.700016	0.902726	-1.10776	0.136437	0.654355	-1.52822	3.92603	4.34437	0.983604	1
cg11950124	0.00431941	0.273023	-3.6627	0.961963	1.01636	1.01636	0.494896	0.789902	-1.26598	0.0402519	0.446467	-2.23981	3.88826	7.13078	1.63016	1
cg14394327	0.605378	0.795679	-1.25679	0.187695	1.84456	1.84456	0.660541	0.823828	-1.21385	0.873491	1.07238	1.07238	3.86161	11.7606	2.70712	1
cg05797131	0.640178	0.824312	-1.21313	0.0287592	0.346993	-2.8819	0.827511	0.914339	-1.09369	0.0999824	0.477258	-2.0953	3.8349	10.2289	2.37094	1
cg12550600	0.164526	0.713591	-1.40136	0.0679231	1.59239	1.59239	0.306388	0.785876	-1.27247	0.102966	0.666372	-1.50066	3.79218	3.10958	0.728888	1
cg18227995	0.168556	1.40787	1.40787	0.00616843	2.3	2.3	0.759874	0.931017	-1.07409	0.165337	1.41203	1.41203	3.78923	3.26245	0.765316	1
cg24941703	0.272362	0.698521	-1.4316	0.00309077	0.280411	-3.5662	0.803398	0.924655	-1.08148	0.676199	0.876423	-1.141	3.78401	5.91038	1.38839	1
cg17712928	0.23129	0.774971	-1.29037	0.00643395	2.0535	2.0535	0.642928	1.09943	1.09943	0.443388	0.853282	-1.17195	3.74435	2.44458	0.580331	1
cg16062856	0.816783	0.946398	-1.05664	0.937582	0.98158	-1.01877	0.936279	0.981198	-1.01916	0.75038	1.07871	1.07871	3.70713	3.30855	0.793317	1
cg01560934	0.412272	0.874913	-1.14297	0.00116327	2.13877	2.13877	0.861873	0.972621	-1.02815	0.702041	0.940566	-1.06319	3.70508	1.49108	0.357727	1
cg24247786	0.638718	0.899118	-1.1122	0.364497	0.810948	-1.23312	0.0963462	0.663261	-1.5077	0.11328	0.678714	-1.47337	3.69681	2.96088	0.711935	1
cg00860321	0.0130755	0.539483	-1.85362	0.53964	1.13258	1.13258	0.470022	1.15876	1.15876	0.554697	0.887103	-1.12726	3.68825	2.34778	0.565829	1
cg15070274	0.153165	1.28203	1.28203	0.621535	1.08336	1.08336	0.0674236	0.715161	-1.39829	0.500281	0.89565	-1.11651	4.0001	1.42376	0.311441	1
cg27305769	0.784417	0.943851	-1.05949	0.0525391	1.59124	1.59124	0.825377	0.954502	-1.04767	0.572146	1.12783	1.12783	3.60922	2.53843	0.625173	1
cg06789500	0.129506	0.474442	-2.10774	0.737048	0.857787	-1.16579	0.217872	0.554294	-1.8041	0.382796	0.665367	-1.50293	3.60618	11.8348	2.91716	1
cg04953350	0.667005	1.08972	1.08972	0.00219839	2.34473	2.34473	0.466658	0.863268	-1.15839	0.964246	0.991142	-1.00894	3.59006	2.24012	0.554648	1
cg13808180	0.0136536	0.525947	-1.90133	0.194027	0.748683	-1.33568	0.524404	0.872944	-1.14555	0.78052	1.0606	1.0606	3.57855	2.51467	0.624628	1
cg16960402	0.162997	0.604017	-1.65558	0.0393132	0.446078	-2.24176	0.0319953	0.42713	-2.34121	0.457642	0.774087	-1.29184	3.5717	6.48389	1.61364	1
cg17757825	0.635029	0.926553	-1.07927	0.291921	1.1906	1.1906	0.790068	1.04349	1.04349	0.93595	0.98726	-1.0129	3.5662	1.43754	0.358312	1
cg08072217	0.0308976	0.467515	-2.13897	0.809759	1.07504	1.07504	0.185451	1.52387	1.52387	0.322904	1.35842	1.35842	3.54016	5.04625	1.26705	1
cg10079132	0.183568	1.23418	1.23418	0.0014525	1.98575	1.98575	0.677276	0.939494	-1.0644	0.839765	0.97026	-1.03065	3.53831	1.24622	0.313075	1
cg20878251	0.637004	1.12963	1.12963	0.0175467	2.09832	2.09832	0.852643	0.953438	-1.04884	0.906632	1.03054	1.03054	3.53087	3.677	0.925677	1
cg18302629	0.0946099	0.4488	-2.22817	0.0237469	0.308194	-3.24471	0.970957	0.98425	-1.016	0.106397	0.463542	-2.1573	3.48128	10.4845	2.67705	1
cg18546384	0.199916	0.588717	-1.69861	0.415172	0.7219	-1.38523	0.358276	1.44717	1.44717	0.918833	0.960904	-1.04069	3.47961	8.43614	2.15507	1
cg17893767	0.542397	1.12226	1.12226	0.00341917	2.10441	2.10441	0.76458	0.945371	-1.05779	0.71613	0.93397	-1.0707	3.43978	1.90613	0.492571	1
cg27119212	0.128744	0.4867	-2.05465	0.511764	0.74686	-1.33894	0.875057	1.07146	1.07146	0.0636252	0.400649	-2.49595	3.43738	10.4738	2.70846	1
cg13037895	0.00133944	0.41361	-2.41774	0.541143	0.889441	-1.1243	0.599889	0.904615	-1.10544	0.731516	0.936852	-1.0674	3.42829	1.94758	0.50497	1
cg16206324	0.00431279	0.425807	-2.34848	0.585713	0.884142	-1.13104	0.919291	1.02293	1.02293	0.128463	0.692381	-1.44429	3.41224	2.70507	0.704671	1
cg20593887	0.178258	1.22012	1.22012	0.0396376	1.39229	1.39229	0.0761374	0.759955	-1.31587	0.465397	0.901824	-1.10886	3.41216	1.04557	0.272377	1
cg03727554	0.335757	0.740107	-1.35116	0.00870179	2.75584	2.75584	0.0913239	1.75736	1.75736	0.766805	0.913774	-1.09436	3.40691	4.96058	1.29425	1
cg00680768	1.66E-05	0.145467	-6.87441	0.0861877	0.661724	-1.5112	0.781107	1.06255	1.06255	0.0148944	0.520876	-1.91984	15.8092	11.877	0.667795	1
cg23781003	0.342353	0.942165	-1.06139	0.0468568	0.87061	-1.14862	0.00616353	1.24305	1.24305	0.000800855	1.36098	1.36098	14.0575	0.825612	0.0522054	1
cg27080119	0.892639	0.947264	-1.05567	0.00596151	0.236347	-4.23106	0.012989	0.290324	-3.44443	0.0969997	0.481514	-2.07678	4.07303	10.3836	2.26609	1
cg16225753	0.526434	0.910409	-1.09841	0.236389	0.834076	-1.19893	0.353435	0.869688	-1.14984	0.660663	1.06673	1.06673	3.73988	1.26662	0.301048	1
cg23945273	0.0868637	0.642816	-1.55566	0.0062196	0.434517	-2.3014	0.0315822	0.554842	-1.80231	0.630671	1.11986	1.11986	3.84871	3.32887	0.768827	1
cg14487595	0.966437	0.994104	-1.00593	8.94E-06	0.258499	-3.86849	0.709389	0.948745	-1.05402	0.218434	1.19954	1.19954	13.6528	4.27135	0.278093	1
cg06024111	0.522152	0.953633	-1.04862	0.044743	0.844825	-1.18368	0.0644485	1.1642	1.1642	0.00801672	1.28229	1.28229	8.41862	0.714169	0.0754063	1
cg06110578	0.432649	0.911004	-1.09769	0.152518	0.83663	-1.19527	0.211245	1.16569	1.16569	0.0549039	1.28839	1.28839	4.67834	1.00388	0.190739	1
cg06984657	0.154187	0.813112	-1.22984	0.00239411	0.563315	-1.77521	0.311616	1.15255	1.15255	0.0342408	1.39802	1.39802	4.38476	1.2775	0.258978	1
cg08259472	0.0325379	0.768542	-1.30117	5.24E-05	0.451403	-2.21531	0.419557	0.916884	-1.09065	0.332353	1.11095	1.11095	9.01282	1.58018	0.155845	1
cg13529437	0.933589	1.01799	1.01799	0.0852328	0.665562	-1.50249	0.00015667	3.9919	3.9919	0.631002	1.10909	1.10909	7.13561	5.17344	0.644461	1
cg05792494	0.443627	0.810949	-1.23312	0.0228344	0.481535	-2.07669	0.0123348	0.43345	-2.30707	0.117285	0.633532	-1.57845	5.83608	6.65326	1.01335	1
cg02768875	0.592316	0.90358	-1.10671	0.0207888	0.593326	-1.68541	0.903272	0.977453	-1.02307	0.0851435	1.4291	1.4291	3.4716	1.93455	0.495334	1
cg19651155	0.015192	0.586936	-1.70376	0.286587	0.820592	-1.21863	0.815958	1.04254	1.04254	0.962422	1.00845	1.00845	6.27322	3.17204	0.449465	1
cg13543595	0.044666	1.23088	1.23088	3.90E-05	0.414936	-2.41001	0.272517	0.905589	-1.10425	0.502061	1.06037	1.06037	23.6978	2.32714	0.0736506	1
cg16695380	0.495752	0.810918	-1.23317	0.0015611	0.252207	-3.965	0.481849	0.805235	-1.24187	0.352803	0.748474	-1.33605	5.26491	7.65643	1.29266	1
cg26105283	0.516651	1.14442	1.14442	0.500798	1.1505	1.1505	0.367694	1.20905	1.20905	0.222872	0.76891	-1.30054	4.4277	2.95161	0.592554	1
cg16134717	0.206958	0.498438	-2.00627	0.000416871	0.0534868	-18.6962	0.53425	1.39001	1.39001	0.0461208	0.302545	-3.30529	6.76608	29.329	3.85308	1
cg21420090	0.00142162	2.47675	2.47675	0.0419327	0.630918	-1.58499	0.0391111	0.625575	-1.59853	0.64191	1.09637	1.09637	5.06595	3.0969	0.543393	1
cg01719832	0.384313	0.726367	-1.37671	0.0035766	0.243097	-4.11359	0.0506674	0.450184	-2.22131	0.0561237	0.46055	-2.17132	5.02031	10.2132	1.80834	1
cg25102735	0.0209941	1.65704	1.65704	0.0100258	0.553661	-1.80616	0.153416	0.757276	-1.32052	0.325719	0.831467	-1.20269	4.98648	2.61256	0.465714	1
cg02397176	0.730051	1.17676	1.17676	0.392573	1.50918	1.50918	0.815263	1.11625	1.11625	0.0389286	0.325204	-3.07499	4.73425	16.5559	3.10849	1
cg03498897	0.023672	1.34834	1.34834	0.00207827	1.61538	1.61538	0.331749	1.11717	1.11717	0.140385	1.19184	1.19184	4.16999	0.808551	0.172353	1
cg09932135	0.397175	0.652964	-1.53148	0.0101075	0.202816	-4.93057	0.0134558	0.222162	-4.50122	0.0692239	0.368098	-2.71667	4.11657	15.7587	3.40276	1
cg02864688	0.179661	0.647431	-1.54457	0.00193281	0.262267	-3.8129	0.0586228	0.521178	-1.91873	0.0680153	0.536086	-1.86537	3.83102	5.64618	1.31005	1
cg15012981	0.526104	1.30323	1.30323	?	?	?	0.979922	1.01043	1.01043	0.617285	1.23085	1.23085	4.02117	9.62245	2.39295	1
cg09072634	0.787733	1.06387	1.06387	0.0422673	0.584673	-1.71036	0.897225	1.03009	1.03009	0.203879	0.735176	-1.36022	3.87063	3.22654	0.740975	1
cg22456539	0.404183	0.824721	-1.21253	0.0135343	0.501583	-1.99369	0.61594	0.892094	-1.12096	0.69391	0.91457	-1.09341	3.69161	2.98019	0.717589	1
cg24718367	0.709432	1.13381	1.13381	0.00405927	0.274056	-3.64889	0.394519	0.746318	-1.33991	0.374052	1.35817	1.35817	3.47473	6.1951	1.5848	1
cg15183649	0.00182059	0.213163	-4.69124	6.60E-06	0.0303189	-32.9828	0.0126831	0.339407	-2.94631	0.0335349	0.420558	-2.3778	15.4066	29.6855	1.71271	1
cg13777292	0.657718	0.913424	-1.09478	0.00805613	0.501927	-1.99232	0.524186	1.14006	1.14006	0.699238	1.08203	1.08203	11.0649	7.22739	0.580605	1
cg25695172	0.00485304	0.285806	-3.49888	0.000141527	0.110623	-9.03973	0.032251	0.431331	-2.31841	0.00684341	0.308962	-3.23664	10.6266	18.9244	1.58298	1
cg14985989	0.0309185	0.603455	-1.65712	0.0523554	0.64416	-1.55241	0.59676	0.899041	-1.1123	0.962615	1.00939	1.00939	9.8308	6.18597	0.559327	1
cg14045283	0.883679	1.02874	1.02874	0.000354076	0.329393	-3.03589	0.698354	1.0783	1.0783	0.0387992	1.58905	1.58905	8.56224	5.08112	0.527497	1
cg26522278	0.104888	0.8411	-1.18892	0.00532614	0.698717	-1.4312	0.25309	0.889982	-1.12362	0.00947626	1.37849	1.37849	5.56238	0.839945	0.134226	1
cg19501536	0.0407774	0.321534	-3.11009	0.000210284	0.050903	-19.6452	0.0467461	0.334911	-2.98587	0.0029262	0.140313	-7.12691	9.81482	35.8804	3.24954	1
cg23844623	0.00236425	2.04358	2.04358	0.24105	0.813141	-1.2298	0.000497924	2.50485	2.50485	0.00428726	1.90382	1.90382	9.2587	4.16543	0.399906	1
cg24251890	0.129297	1.32217	1.32217	0.000396261	0.382473	-2.61456	0.0960507	1.36538	1.36538	0.349702	1.17825	1.17825	6.76216	3.10943	0.408736	1
cg12123211	0.00140504	0.244098	-4.09672	0.0549094	1.94201	1.94201	0.381622	0.760643	-1.31468	0.754742	1.10026	1.10026	5.18415	7.63252	1.30869	1
cg07483936	0.142542	0.895394	-1.11683	0.506926	0.953899	-1.04833	0.0165913	1.22764	1.22764	0.0200704	1.2173	1.2173	5.16791	0.402172	0.0691742	1
cg17580616	0.976768	1.00648	1.00648	0.0017173	2.69793	2.69793	0.287197	1.27775	1.27775	0.774893	1.06566	1.06566	4.91564	3.82978	0.692534	1
cg01558492	0.319957	0.819806	-1.2198	0.000620975	0.361284	-2.76791	0.66173	0.918406	-1.08884	0.714988	1.07348	1.07348	4.67134	2.76528	0.526193	1
cg06013329	0.718607	0.865141	-1.15588	0.111288	0.499338	-2.00265	0.833076	1.08817	1.08817	0.308369	0.655667	-1.52516	4.46258	11.3282	2.25644	1
cg11031937	0.878201	1.05383	1.05383	0.00490339	3.57688	3.57688	0.135683	1.73282	1.73282	0.0544649	2.10845	2.10845	4.26731	7.8992	1.64542	1
cg11437231	0.649222	1.04187	1.04187	0.832181	1.01919	1.01919	0.18791	0.882507	-1.13313	0.00727372	1.36355	1.36355	4.18909	0.532287	0.112947	1
cg07637188	0.243458	1.53005	1.53005	0.268945	1.49364	1.49364	0.182361	1.63754	1.63754	0.570351	0.818836	-1.22125	4.14898	7.97964	1.70958	1
cg12841566	0.821332	0.931023	-1.07409	0.744122	1.10903	1.10903	0.636996	1.16206	1.16206	0.241581	0.678878	-1.47302	3.98714	6.30461	1.40554	1
cg16317516	0.853485	1.09095	1.09095	0.00342865	0.153796	-6.50213	0.41528	1.48008	1.48008	0.52936	0.740778	-1.34993	3.64054	12.7849	3.12161	1
cg12195149	0.346246	1.14381	1.14381	0.00818213	1.598	1.598	0.0223794	0.684506	-1.46091	0.0343493	0.710403	-1.40765	6.02101	1.82977	0.270132	1
cg27128352	1.02E-05	0.343527	-2.91098	0.188388	1.17057	1.17057	0.258652	0.875312	-1.14245	0.0132868	0.707035	-1.41436	33.5554	6.78562	0.179752	1
cg18299068	0.920966	1.01578	1.01578	0.728719	0.946552	-1.05647	0.000166104	2.75127	2.75127	0.795338	0.959821	-1.04186	21.7628	8.57843	0.35038	1
cg01916421	0.113196	1.70138	1.70138	0.154383	1.59998	1.59998	0.127721	1.66147	1.66147	0.289259	1.40371	1.40371	18.2192	27.4238	1.33797	1
cg01931028	0.00255081	0.217687	-4.59375	2.25E-05	0.0453198	-22.0654	0.0172097	2.87856	2.87856	0.00210325	0.206884	-4.83362	14.6708	30.8294	1.86792	1
cg15303329	0.221249	0.783794	-1.27585	0.0482346	0.652019	-1.5337	0.000216119	3.22064	3.22064	0.00766202	0.522381	-1.91431	13.6945	7.78522	0.505325	1
cg08899937	0.627611	0.911214	-1.09744	9.23E-06	0.161532	-6.19074	0.558484	1.11912	1.11912	0.871209	1.03134	1.03134	13.1261	7.52087	0.509309	1
cg21110844	0.0529143	0.762327	-1.31177	5.67E-05	2.51539	2.51539	0.657345	1.05662	1.05662	0.0542746	1.30922	1.30922	11.7852	2.84042	0.214237	1
cg04612203	0.254304	0.768705	-1.30089	0.049352	0.609141	-1.64166	0.00124265	2.83694	2.83694	0.247494	0.765522	-1.3063	11.7709	9.10391	0.687491	1
cg01418351	0.980496	0.994791	-1.00524	0.0652498	1.55609	1.55609	0.0179261	1.84893	1.84893	0.0112833	0.507612	-1.97001	11.0025	7.95412	0.642611	1
cg23447233	0.0309553	0.357586	-2.79653	0.0006583	0.120209	-8.31882	0.0351538	2.70798	2.70798	0.00926355	0.261699	-3.82118	10.6906	27.9033	2.32006	1
cg01860054	0.00805276	1.48315	1.48315	0.00250425	1.62838	1.62838	0.177416	0.846664	-1.18111	0.0067852	0.665384	-1.50289	10.4793	2.23787	0.189823	1
cg05719599	0.563451	0.912868	-1.09545	0.0417516	1.44242	1.44242	0.806163	1.03912	1.03912	0.814932	0.964065	-1.03727	9.65338	3.72456	0.342959	1
cg00689492	0.360712	0.730703	-1.36855	0.649197	0.858203	-1.16523	2.95E-05	15.3738	15.3738	0.601468	1.19239	1.19239	9.39841	16.5958	1.56961	1
cg06696815	0.299304	0.798103	-1.25297	0.000628935	0.332265	-3.00965	0.135501	0.713696	-1.40116	0.359672	0.82083	-1.21828	8.99082	6.25835	0.61874	1
cg08229518	0.134531	0.652791	-1.53188	0.0030384	0.341838	-2.92537	0.370221	1.27536	1.27536	0.0885647	0.608591	-1.64314	8.70154	9.62883	0.983614	1
cg07110949	0.00495018	0.738503	-1.35409	0.0925656	0.860042	-1.16273	0.627909	0.960998	-1.04058	0.328146	0.921073	-1.08569	8.62855	0.906703	0.093406	1
cg07241925	0.000406723	0.363505	-2.751	0.628736	1.09172	1.09172	0.0651278	1.45207	1.45207	0.0147719	0.582539	-1.71662	8.17478	4.20038	0.45673	1
cg24597363	0.257647	0.694041	-1.44084	0.00643862	0.334351	-2.99087	0.0246665	2.28677	2.28677	0.00279119	0.279653	-3.57586	7.5784	11.4732	1.34572	1
cg04277993	0.965776	0.995436	-1.00458	0.0218875	1.34072	1.34072	0.3718	0.906872	-1.10269	0.439077	0.919312	-1.08777	7.45068	1.34103	0.159989	1
cg05374867	0.540683	1.09692	1.09692	0.00136508	0.499529	-2.00188	0.0369167	1.43617	1.43617	0.639602	0.931982	-1.07298	7.2956	2.57772	0.314067	1
cg08450348	0.392979	1.31979	1.31979	0.00857912	0.345392	-2.89526	0.00495476	3.25374	3.25374	0.908967	1.03693	1.03693	7.23622	11.5225	1.41541	1
cg01802687	0.00422848	0.493805	-2.02509	0.0474993	1.51843	1.51843	0.560928	1.11441	1.11441	0.829675	0.961085	-1.04049	7.08285	3.80806	0.477907	1
cg09856153	0.273355	0.781593	-1.27944	0.000385417	0.293928	-3.40219	0.950383	0.986638	-1.01354	0.00968518	0.492856	-2.02899	6.95101	5.14436	0.657856	1
cg17879352	0.000369381	0.434251	-2.30282	0.170584	0.819375	-1.22044	0.503389	1.09638	1.09638	0.329261	0.872162	-1.14658	7.97834	2.26086	0.220403	1
cg21593149	0.0152378	0.665071	-1.5036	0.970296	1.00511	1.00511	0.636693	0.93696	-1.06728	0.0677244	0.755727	-1.32323	6.70587	1.98927	0.263686	1
cg25278298	0.000744571	0.470352	-2.12607	0.250549	1.19351	1.19351	0.00748055	1.66086	1.66086	0.100489	0.767129	-1.30356	6.64886	2.28598	0.305614	1
cg10783925	0.208215	0.796079	-1.25616	0.0680105	1.42091	1.42091	0.349197	0.847349	-1.18015	0.108682	0.740273	-1.35085	6.64004	3.10682	0.415904	1
cg25720849	0.358778	1.19886	1.19886	0.00195418	0.430962	-2.32039	0.714963	1.07304	1.07304	0.972318	0.993353	-1.00669	6.38392	3.73521	0.520085	1
cg21167046	0.104637	0.581728	-1.71902	0.0163726	0.408099	-2.45039	0.0216564	2.3213	2.3213	0.119217	0.596632	-1.67607	6.05963	8.95321	1.31335	1
cg18366200	0.796143	1.05122	1.05122	0.0150828	1.77934	1.77934	0.17293	0.755919	-1.32289	0.316645	0.818947	-1.22108	5.94127	3.50272	0.524052	1
cg23095634	0.600021	1.27078	1.27078	0.00221486	0.143428	-6.97216	0.0049576	0.185453	-5.39221	0.0968607	0.43807	-2.28274	5.93189	19.2698	2.88756	1
cg13096128	0.00354074	0.40204	-2.48732	0.0251974	1.84702	1.84702	0.0105304	2.09982	2.09982	0.181248	0.720972	-1.38702	5.66953	4.77067	0.747963	1
cg25070192	0.00469651	0.22791	-4.3877	0.00374035	0.21422	-4.6681	0.698958	0.858179	-1.16526	0.249596	0.622775	-1.60572	5.06646	12.4289	2.18059	1
cg12382557	0.0559221	0.5708	-1.75193	0.186718	0.696003	-1.43678	0.0572137	1.7455	1.7455	0.78929	0.932999	-1.07181	4.90017	5.203	0.943823	1
cg16782236	0.627277	0.903476	-1.10684	0.258334	1.2772	1.2772	0.385989	0.831636	-1.20245	0.500409	0.867718	-1.15245	4.78968	3.26442	0.605826	1
cg06976589	0.144865	0.49647	-2.01422	0.0073977	0.213699	-4.67948	0.238828	1.73619	1.73619	0.215712	0.55839	-1.79086	4.57801	14.5004	2.81547	1
cg19318899	0.00600642	0.26099	-3.83157	0.261118	1.55036	1.55036	0.716938	1.14594	1.14594	0.112939	0.52439	-1.90698	4.35268	9.65022	1.97073	1
cg05518543	0.00798139	0.432873	-2.31014	0.46195	1.2025	1.2025	0.335822	1.27697	1.27697	0.467627	1.04193	1.04193	3.77772	3.62779	0.853611	1
cg05122605	0.311829	0.828364	-1.2072	0.0140811	0.579588	-1.72536	0.102666	1.37903	1.37903	0.0558111	1.47692	1.47692	3.49802	1.79439	0.455977	1
cg26709693	0.280309	0.737684	-1.35559	0.06271	0.867324	-1.15297	0.0455301	0.537042	-1.86205	0.202211	0.69418	-1.44055	3.46183	4.02942	1.03463	1
cg00001349	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27053975	0.652189	1.08186	1.08186	0.0885655	1.38541	1.38541	0.64113	1.08486	1.08486	0.159022	0.770156	-1.29842	9.42315	4.49334	0.423859	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24586196	MAEL	0.00850672	0.158375	1.22872	1.22872	0.000168633	2.39734	2.39734	0.0364506	1.39392	1.39392	0.466868	1.10642	1.10642	0.249592	1.17864	1.17864	0.179023	0.822844	-1.2153	0.747491	0.956836	-1.04511	0.693964	1.0555	1.0555	0.731597	0.954058	-1.04815	6.22246	1.83876	0.26267	1
cg18894878	MAEL	0.0171597	0.025882	1.78526	1.78526	0.0277442	1.76833	1.76833	0.0121452	1.98359	1.98359	0.0260742	0.56071	-1.78345	0.436552	1.18995	1.18995	0.131237	1.42907	1.42907	0.124402	0.694524	-1.43984	0.0386583	1.69	1.69	0.467715	1.17575	1.17575	4.95395	3.76665	0.675851	1
cg13249256	MAEL;MAEL	0.00795159	0.264765	1.22728	1.22728	0.250999	0.809502	-1.23533	0.0407824	0.659602	-1.51607	0.16987	1.29384	1.29384	0.0859654	1.39701	1.39701	0.606061	1.09599	1.09599	0.00116992	2.31534	2.31534	0.00718429	1.84312	1.84312	0.0194276	1.64525	1.64525	6.35627	3.12547	0.437079	1
cg17757848	MAEL;MAEL	0.0364804	0.248889	1.38296	1.38296	0.318425	1.3197	1.3197	0.499039	1.20275	1.20275	0.459149	0.816469	-1.22479	0.188997	0.687731	-1.45406	0.363109	0.777675	-1.28588	0.00174592	3.32175	3.32175	0.237705	1.39479	1.39479	0.0617705	1.7611	1.7611	3.80943	4.36628	1.01882	1
cg26796069	MAF1;KIAA1875	0.005297	0.00404502	2.03782	2.03782	0.0709168	1.45076	1.45076	0.966574	0.992302	-1.00776	0.343372	0.835269	-1.19722	0.485212	1.13972	1.13972	0.12293	0.734769	-1.36097	0.731218	1.06565	1.06565	0.000234964	3.07859	3.07859	0.180129	1.30016	1.30016	7.21024	3.88321	0.478728	1
cg22147598	MAF1;KIAA1875	0.0417368	0.393919	0.819428	-1.22036	0.198551	0.733551	-1.36323	0.239103	1.32466	1.32466	0.687618	1.09656	1.09656	0.0716477	0.632106	-1.58201	0.780793	0.93836	-1.06569	0.474426	0.847134	-1.18045	0.00235006	2.63282	2.63282	0.39741	1.21849	1.21849	3.62576	2.98653	0.732176	1
cg08553999	MAF;MAF	0.00023408	0.802709	1.0216	1.0216	0.0130191	0.768753	-1.30081	0.00018794	0.584029	-1.71224	0.000148396	0.573164	-1.7447	0.00548979	1.36565	1.36565	0.000721691	0.644619	-1.5513	0.0139604	0.771703	-1.29584	0.0247225	1.25637	1.25637	0.0127105	0.767739	-1.30253	17.6026	2.03106	0.102564	1
cg07242563	MAF;MAF	0.0100805	0.75537	1.07065	1.07065	0.00161593	2.68395	2.68395	0.0119658	1.98351	1.98351	0.0403913	0.596227	-1.67721	0.516974	1.15432	1.15432	0.0896777	0.664546	-1.50479	0.412307	0.832694	-1.20092	0.0317569	1.73295	1.73295	0.514753	1.15522	1.15522	5.89547	4.45455	0.671634	1
cg09822018	MAF;MAF	0.0370081	0.0620341	1.22905	1.22905	0.292477	1.11316	1.11316	0.018011	1.32588	1.32588	0.68698	1.04056	1.04056	0.881008	1.01481	1.01481	0.569349	1.05807	1.05807	0.0313377	0.780434	-1.28134	0.00745956	1.40239	1.40239	0.450293	1.07843	1.07843	3.78956	0.578279	0.135643	1
cg01001468	MAF;MAF	0.0489134	0.638919	0.862374	-1.15959	0.929193	0.972539	-1.02824	0.982217	1.00701	1.00701	0.0702398	0.530439	-1.88523	0.21928	0.667141	-1.49893	0.426035	0.775181	-1.29002	0.139251	1.64637	1.64637	0.483863	1.24971	1.24971	0.00305448	3.56496	3.56496	3.41651	5.31149	1.38191	1
cg09232021	MAF;MAF;MAF	0.023856	0.658475	0.858455	-1.16488	0.120311	0.560947	-1.7827	0.0611454	0.484838	-2.06254	0.0354113	0.431548	-2.31724	0.245634	1.51683	1.51683	0.128613	1.7568	1.7568	0.00363313	0.259209	-3.85788	0.167013	1.65771	1.65771	0.621164	1.18639	1.18639	4.42862	8.25622	1.65715	1
cg00333843	MAF;MAF;MAF	0.0392589	0.869413	0.936858	-1.0674	0.00541698	0.234362	-4.26691	0.0116146	0.286334	-3.49243	0.556615	0.790022	-1.26579	0.655554	0.836966	-1.19479	0.195857	1.71982	1.71982	0.0245912	0.346015	-2.89004	0.918108	0.960051	-1.04161	0.877085	1.06328	1.06328	3.70856	9.22962	2.21221	1
cg21884905	MAFA	2.69E-05	1.28E-06	6.02355	6.02355	0.076657	0.752636	-1.32866	0.0379993	1.41502	1.41502	0.0752681	0.751396	-1.33086	0.697198	1.05805	1.05805	0.299799	0.856358	-1.16774	0.00434888	0.577023	-1.73303	3.09E-05	3.23471	3.23471	0.853779	1.02698	1.02698	31.3312	10.334	0.293183	1
cg16896847	MAFA	5.66E-05	0.386319	1.3523	1.3523	0.352926	1.38381	1.38381	0.266012	1.48273	1.48273	0.651357	0.856764	-1.16718	0.716259	0.883336	-1.13207	0.00379942	0.265345	-3.76868	0.339337	0.715566	-1.3975	6.70E-07	99.433	99.433	0.778025	1.10081	1.10081	25.7567	47.113	1.62591	1
cg23464360	MAFA	0.000107997	0.00013623	0.33834	-2.95561	0.00173837	0.480437	-2.08144	0.000276087	0.376299	-2.65746	0.00462435	0.538732	-1.85621	6.41E-05	0.299275	-3.34141	0.0018253	0.483296	-2.06913	1.17E-05	0.217774	-4.59192	0.0255165	0.646833	-1.54599	0.00396929	0.529488	-1.88862	21.6893	9.25613	0.379342	1
cg08181610	MAFA	0.00196305	2.74E-05	0.287988	-3.47237	0.715106	1.05673	1.05673	0.0951487	1.31784	1.31784	0.228161	0.826641	-1.20972	0.954095	0.991373	-1.0087	0.305921	0.852525	-1.17299	0.175029	1.24247	1.24247	0.876335	0.976833	-1.02372	0.861705	0.974097	-1.02659	9.69441	3.47832	0.31893	1
cg01403246	MAFA	0.00351087	0.0931183	0.767378	-1.30314	0.379901	1.13781	1.13781	0.853906	0.973926	-1.02677	0.712184	0.948273	-1.05455	0.499575	0.906436	-1.10322	0.197204	0.822505	-1.2158	0.149367	0.801243	-1.24806	7.91E-05	2.78061	2.78061	0.117162	1.27628	1.27628	8.16622	2.65712	0.289227	1
cg03243135	MAFA	0.00632338	0.000558777	0.368779	-2.71165	0.0415852	0.645405	-1.54942	0.944031	0.987	-1.01317	0.00821132	0.532469	-1.87804	0.00213976	0.447621	-2.23403	0.962491	1.0088	1.0088	0.272058	0.808096	-1.23748	0.0151302	0.57335	-1.74413	0.266127	0.805775	-1.24104	6.82743	3.75584	0.488987	1
cg06187336	MAFA	0.0305273	0.0167663	0.460076	-2.17356	0.546215	1.17635	1.17635	0.229811	1.39807	1.39807	0.224664	0.712341	-1.40382	0.00668684	0.392328	-2.54889	0.328247	0.76462	-1.30784	0.107513	1.59545	1.59545	0.127797	1.54942	1.54942	0.716338	1.10191	1.10191	4.0616	4.54984	0.995741	1
cg12499119	MAFB	9.59E-05	0.00496081	0.752636	-1.32866	0.411451	1.06626	1.06626	0.0414199	1.19682	1.19682	0.0979582	1.14875	1.14875	0.000137887	0.604446	-1.65441	0.322812	1.08114	1.08114	0.25443	0.913104	-1.09516	6.15E-06	2.16625	2.16625	0.804797	1.0191	1.0191	22.3919	2.06951	0.0821529	1
cg02497758	MAFB	0.000391058	0.299733	1.18361	1.18361	0.716223	0.944348	-1.05893	0.103134	1.32265	1.32265	5.77E-06	4.95704	4.95704	0.217692	0.815949	-1.22557	0.703134	0.941711	-1.0619	0.0203502	0.64493	-1.55056	0.333664	0.855212	-1.1693	0.985766	0.997206	-1.0028	15.2952	5.95962	0.346346	1
cg20518154	MAFB	0.000983945	0.0350954	0.860104	-1.16265	0.00785278	1.23293	1.23293	0.910721	0.993138	-1.00691	0.134347	0.905651	-1.10418	0.376582	0.945823	-1.05728	0.278265	0.933133	-1.07166	0.000304509	0.697533	-1.43362	0.113226	1.11161	1.11161	0.000466229	1.40187	1.40187	11.8206	0.705453	0.0530487	1
cg16844989	MAFB	0.0015997	0.0597121	1.23388	1.23388	0.258025	0.889817	-1.12383	0.612261	0.950702	-1.05185	0.00448221	1.45473	1.45473	0.801559	0.975399	-1.02522	0.0255841	0.769243	-1.29998	0.00248119	0.659692	-1.51586	0.000339557	1.77007	1.77007	0.599991	1.05373	1.05373	10.287	1.5939	0.137727	1
cg01664670	MAFB;MAFB	0.000600854	0.0151603	0.748541	-1.33593	0.0392537	1.26058	1.26058	0.0113199	1.36055	1.36055	0.876003	1.01527	1.01527	0.00495924	0.69687	-1.43499	0.248424	0.88947	-1.12427	0.000179719	0.54027	-1.85093	0.00370272	0.683357	-1.46336	0.000908639	0.617773	-1.61872	13.5785	2.02676	0.132677	1
cg23791813	MAFB;MAFB	0.00336534	0.130392	0.793626	-1.26004	0.0219683	1.47527	1.47527	0.365802	1.14051	1.14051	0.977789	0.996069	-1.00395	0.197789	1.21241	1.21241	0.287833	0.855438	-1.16899	0.000346613	0.442931	-2.25769	0.0106863	1.57466	1.57466	0.0405013	1.39761	1.39761	8.27024	2.62231	0.281847	1
cg12902062	MAFB;MAFB	0.0104807	0.122486	0.791882	-1.26281	0.00530497	0.599126	-1.6691	0.0084196	0.625521	-1.59867	0.0572185	0.740859	-1.34978	0.119235	0.789989	-1.26584	0.779502	1.03991	1.03991	0.00149086	0.528016	-1.89388	0.429867	0.893731	-1.1189	0.00663359	0.611854	-1.63438	5.82237	1.79254	0.273663	1
cg20224984	MAFB;MAFB	0.0352193	0.043485	0.60213	-1.66077	0.0223637	0.549917	-1.81846	0.406389	1.20392	1.20392	0.400225	0.828494	-1.20701	0.0961764	0.670879	-1.49058	0.106112	0.68004	-1.4705	0.00290809	0.408984	-2.44509	0.0489076	0.611807	-1.6345	0.412071	0.832565	-1.20111	3.8584	2.91721	0.672061	1
cg07207286	MAFF;MAFF;MAFF;MAFF	0.00111392	0.286217	0.750672	-1.33214	0.00309939	0.350667	-2.85171	0.126011	0.651369	-1.53523	0.28409	0.749647	-1.33396	0.922372	0.975077	-1.02556	0.0249693	1.99526	1.99526	2.89E-05	0.119402	-8.37507	0.873575	1.0421	1.0421	0.701518	1.10486	1.10486	11.4113	12.1184	0.943962	1
cg09146183	MAFF;MAFF;MAFF;MAFF	0.00266481	0.0261509	0.448819	-2.22807	0.0719292	0.543386	-1.84031	0.459583	0.795635	-1.25686	0.533461	0.825726	-1.21106	0.00662245	0.342965	-2.91575	0.114349	1.68444	1.68444	0.000634474	4.92109	4.92109	0.00395683	0.308288	-3.24372	0.735615	0.902219	-1.10838	8.86367	12.9405	1.29774	1
cg18884555	MAFF;MAFF;MAFF;MAFF	0.00566366	0.0288109	0.51331	-1.94814	0.00361557	0.361028	-2.76987	0.0893559	1.62344	1.62344	0.686455	1.11068	1.11068	0.000980063	0.281393	-3.55375	0.454768	0.821232	-1.21768	0.326961	1.29923	1.29923	0.00932505	0.426101	-2.34686	0.745732	0.919279	-1.08781	7.06362	7.48561	0.941993	1
cg15548613	MAFF;MAFF;MAFF;MAFF	0.0106774	0.0271507	5.05205	5.05205	0.0763121	3.39201	3.39201	0.0199639	5.69471	5.69471	0.0198416	5.70843	5.70843	0.497658	1.53182	1.53182	0.04973	4.0006	4.0006	0.000345441	35.3949	35.3949	0.379466	1.74795	1.74795	0.0489464	4.02511	4.02511	5.7877	35.1657	5.40084	1
cg08724992	MAFF;MAFF;MAFF;MAFF	0.0112993	0.0431712	0.755275	-1.32402	0.36427	1.11906	1.11906	0.00274472	1.64658	1.64658	0.00623849	0.650444	-1.53741	0.422139	0.905803	-1.10399	0.240902	1.15966	1.15966	0.269255	0.870386	-1.14892	0.328378	0.885396	-1.12944	0.128458	1.21928	1.21928	5.68309	1.3103	0.204943	1
cg26038465	MAFF;MAFF;MAFF;MAFF	0.0146927	0.0126841	4.24529	4.24529	0.873223	1.07737	1.07737	0.36716	1.54088	1.54088	0.0135626	4.16074	4.16074	0.571353	0.765694	-1.306	0.030362	3.28022	3.28022	0.00129991	8.90075	8.90075	0.438559	0.691599	-1.44592	0.142595	2.0866	2.0866	5.21624	17.9945	3.06641	1
cg10051414	MAFF;MAFF;MAFF;MAFF	0.0149338	0.519449	1.10652	1.10652	0.928211	0.98613	-1.01407	0.141145	0.782467	-1.27801	0.653647	1.07251	1.07251	0.603278	1.08466	1.08466	0.00285372	1.88957	1.88957	0.00223488	0.514996	-1.94176	0.54835	0.910154	-1.09872	0.483009	1.11684	1.11684	5.18828	1.97412	0.338219	1
cg09035736	MAFF;MAFF;MAFF;MAFF	0.0178644	0.603946	0.888303	-1.12574	0.0529935	1.64491	1.64491	0.644098	0.900064	-1.11103	0.00365247	0.410738	-2.43464	0.0937281	0.658916	-1.51764	0.251837	1.31119	1.31119	0.226775	1.33272	1.33272	0.0111536	0.486767	-2.05437	0.358275	1.23838	1.23838	4.88753	3.96518	0.721142	1
cg06033368	MAFF;MAFF;MAFF;MAFF	0.0187811	0.660952	0.906375	-1.1033	0.0836018	0.652785	-1.5319	0.147394	0.707334	-1.41376	0.922905	0.978671	-1.02179	0.260605	0.770023	-1.29866	0.0741944	0.642023	-1.55758	0.00278323	0.399166	-2.50522	0.0317167	0.570728	-1.75215	0.0180415	1.89612	1.89612	4.80584	3.77581	0.698375	1
cg21731239	MAFF;MAFF;MAFF;MAFF	0.0199979	0.0136867	0.640399	-1.56153	0.495068	1.10657	1.10657	0.0364835	1.42664	1.42664	0.162456	1.24357	1.24357	0.105677	0.772326	-1.29479	0.10972	0.775016	-1.2903	0.12245	1.27719	1.27719	0.0429887	0.711477	-1.40553	0.0542206	0.726625	-1.37622	4.70473	1.59201	0.300787	1
cg16866941	MAFF;MAFF;MAFF;MAFF	0.037342	0.0814286	0.358959	-2.78583	0.00553147	0.144567	-6.91723	0.0448648	0.294844	-3.39163	0.597499	0.753783	-1.32664	0.0592114	0.323065	-3.09535	0.0997071	0.384022	-2.60402	0.0074845	0.160995	-6.21137	0.0342757	0.269796	-3.70651	0.294603	0.561796	-1.78001	3.77716	16.8333	3.96141	1
cg24563015	MAFF;MAFF;MAFF;MAFF	0.0462702	0.251114	1.2385	1.2385	0.145451	0.756649	-1.32162	0.664962	1.08083	1.08083	0.123927	0.742879	-1.34611	0.511166	0.887914	-1.12624	0.52608	0.891721	-1.12143	0.0012423	0.430946	-2.32048	0.817732	0.959656	-1.04204	0.951218	0.989146	-1.01097	3.4889	1.7584	0.447998	1
cg20321139	MAFF;MAFF;MAFF;MAFF	0.0499588	0.00803281	0.501604	-1.99361	0.054793	1.55662	1.55662	0.304006	0.805516	-1.24144	0.302914	0.805094	-1.24209	0.0435475	0.624067	-1.60239	0.468971	0.860984	-1.16146	0.0750024	0.668432	-1.49604	0.581042	1.1199	1.1199	0.7012	1.08147	1.08147	3.38919	2.21539	0.581035	1
cg25882455	MAFF;MAFF;MAFF;MAFF;MAFF	0.0146687	0.000491274	3.36894	3.36894	0.373774	0.816174	-1.22523	0.633516	0.898646	-1.11279	0.766327	0.935845	-1.06855	0.323921	0.797192	-1.2544	0.0428375	1.67971	1.67971	0.361439	0.811624	-1.2321	0.203255	0.741706	-1.34824	0.675702	1.09812	1.09812	5.21907	4.09149	0.696846	1
cg19563510	MAFG;MAFG	0.00137207	0.00168412	10.615	10.615	0.00263602	8.93643	8.93643	0.0041053	7.58332	7.58332	0.00896668	5.74817	5.74817	0.620478	1.30038	1.30038	0.0169351	4.63076	4.63076	0.00953473	5.62757	5.62757	9.63E-05	38.5013	38.5013	0.0119318	5.2116	5.2116	10.7515	47.1481	3.89799	1
cg10909080	MAFG;MAFG	0.00138473	0.000794083	4.56248	4.56248	0.00342448	3.29041	3.29041	0.0151859	2.44301	2.44301	0.00468854	3.08247	3.08247	0.467612	0.801424	-1.24778	0.118879	1.66025	1.66025	0.00960817	2.66944	2.66944	0.000149237	7.03879	7.03879	0.0154556	2.43479	2.43479	10.7232	15.2346	1.26285	1
cg01543184	MAFG;MAFG	0.00345857	0.00620725	8.89865	8.89865	0.000956662	20.3815	20.3815	0.00304728	12.0201	12.0201	0.0652203	3.55404	3.55404	0.179837	2.39333	2.39333	0.0330939	4.60159	4.60159	0.00402171	10.6701	10.6701	0.000761256	22.7682	22.7682	0.125315	2.76313	2.76313	8.20298	48.7592	5.28363	1
cg23018755	MAFG;MAFG	0.00384462	0.00358486	8.12358	8.12358	0.00180813	10.5497	10.5497	0.00305658	8.62239	8.62239	0.0314839	3.81784	3.81784	0.4369	1.52376	1.52376	0.0183948	4.56764	4.56764	0.00356055	8.14415	8.14415	0.00138085	11.7426	11.7426	0.117681	2.46539	2.46539	7.94673	35.4951	3.97034	1
cg22193912	MAFG;MAFG	0.00461641	0.00427473	10.7142	10.7142	0.00139316	17.7039	17.7039	0.00374065	11.3479	11.3479	0.0394828	4.3833	4.3833	0.353339	1.80858	1.80858	0.0167457	6.12126	6.12126	0.0051838	9.87049	9.87049	0.00211015	14.6198	14.6198	0.0764178	3.39748	3.39748	7.51919	45.847	5.41985	1
cg00926657	MAFG;MAFG	0.00610762	0.457621	1.21361	1.21361	0.00278135	2.87342	2.87342	0.991186	0.997177	-1.00283	0.802867	0.937984	-1.06612	0.00288734	0.350399	-2.85389	0.00969211	0.432732	-2.3109	0.0446236	1.80426	1.80426	0.182344	1.43658	1.43658	0.689997	1.10807	1.10807	6.90116	7.16043	0.922284	1
cg09489844	MAFG;MAFG	0.00631372	0.832329	1.05387	1.05387	0.00599534	2.43242	2.43242	0.00128905	3.19284	3.19284	0.415646	0.813899	-1.22865	0.803217	1.06374	1.06374	0.337509	1.27727	1.27727	0.000661493	3.63507	3.63507	0.623005	1.13047	1.13047	0.154291	1.45851	1.45851	6.83067	6.62682	0.862362	1
cg03168447	MAFG;MAFG	0.0121404	0.454979	0.804985	-1.24226	0.529066	0.833789	-1.19934	0.329165	0.750454	-1.33253	0.19324	1.48063	1.48063	0.38418	0.775419	-1.28962	0.00022734	0.174349	-5.73564	0.026436	0.472255	-2.1175	0.820949	0.937424	-1.06675	0.418404	0.790013	-1.2658	5.55249	7.14576	1.14395	1
cg16659413	MAFG;MAFG	0.029238	0.00409404	1.85867	1.85867	0.358525	0.859048	-1.16408	0.0417961	0.685527	-1.45873	0.106914	0.75335	-1.3274	0.0351976	0.673842	-1.48403	0.542603	1.10426	1.10426	0.353276	1.16613	1.16613	0.912835	0.982534	-1.01778	0.977794	0.995531	-1.00449	4.12428	1.69139	0.364539	1
cg20687553	MAFG;MAFG;SIRT7	0.000130776	0.098747	1.24334	1.24334	9.01E-05	2.32266	2.32266	0.0515522	0.765965	-1.30554	0.0151605	1.43181	1.43181	7.50E-05	0.421151	-2.37445	0.0063018	0.651775	-1.53427	0.00784059	0.663305	-1.5076	0.00497388	1.56414	1.56414	0.325169	0.884942	-1.13002	20.6036	4.72331	0.203775	1
cg10111599	MAFK	0.000120947	0.10197	0.78051	-1.28121	0.00321782	0.573168	-1.74469	2.22E-05	0.307722	-3.24969	0.0043383	0.589943	-1.69508	0.318016	0.866855	-1.1536	0.763963	0.959166	-1.04257	1.06E-05	0.272007	-3.67638	0.099858	1.28356	1.28356	0.646513	1.06601	1.06601	21.0406	6.38653	0.269807	1
cg05279413	MAFK	0.00125033	0.0152295	0.454667	-2.19941	0.0251051	0.494328	-2.02295	5.47E-05	0.137093	-7.2943	0.0370327	0.527093	-1.8972	0.0166911	0.46175	-2.16568	0.01503	0.453655	-2.20432	0.000402696	0.225826	-4.42818	0.093676	0.614152	-1.62826	0.00878921	0.413789	-2.41669	11.0414	12.2293	0.984516	1
cg17112404	MAFK	0.00221786	0.75838	0.972843	-1.02791	0.507699	0.941795	-1.0618	0.00229935	0.683734	-1.46256	0.121565	1.16157	1.16157	0.120905	0.860639	-1.16193	0.126487	1.15894	1.15894	0.00017348	1.76621	1.76621	0.149279	0.871112	-1.14796	0.314839	0.911426	-1.09718	9.35513	1.17973	0.112094	1
cg07198170	MAFK	0.00593724	0.232156	0.669093	-1.49456	0.178531	0.632323	-1.58147	0.00088094	0.20214	-4.94707	0.428985	0.771881	-1.29554	0.00228289	0.254619	-3.92743	0.00296568	0.270419	-3.69796	0.00347809	0.280348	-3.56699	0.27438	0.694394	-1.4401	0.0960592	0.55649	-1.79698	6.96171	11.3386	1.44774	1
cg11980004	MAFK	0.00676811	0.00114355	0.207664	-4.81547	0.185595	0.630435	-1.58621	0.753361	0.901584	-1.10916	0.135632	0.589425	-1.69657	0.0200016	0.397445	-2.51607	0.891607	1.04583	1.04583	0.000998832	0.20063	-4.9843	0.00528307	0.29862	-3.34873	0.196571	0.638407	-1.5664	6.68489	11.4375	1.52084	1
cg18896687	MAFK	0.0185012	0.0120884	0.37701	-2.65245	0.542886	0.825298	-1.21168	0.121283	1.68832	1.68832	0.424918	0.775661	-1.28922	0.0527788	0.503418	-1.98642	0.639448	1.15847	1.15847	0.0351041	0.465183	-2.14969	0.00306894	0.282568	-3.53897	0.03906	0.474916	-2.10563	4.83025	7.4354	1.3683	1
cg04358131	MAFK	0.019224	0.029481	0.242914	-4.11668	0.23145	0.500183	-1.99927	0.0151428	0.192602	-5.19205	0.0539515	0.298917	-3.34542	0.243195	0.50964	-1.96217	0.0319809	0.249821	-4.00287	0.000838741	0.0624573	-16.0109	0.0580846	0.306579	-3.2618	0.171134	0.447399	-2.23514	4.76812	23.0066	4.28897	1
cg01784819	MAFK	0.0330138	0.674567	0.900758	-1.11018	0.71177	1.0962	1.0962	0.518071	0.850294	-1.17606	0.37551	1.25245	1.25245	0.00106582	0.302079	-3.31039	0.14264	0.677051	-1.47699	0.11341	1.53166	1.53166	0.643661	1.1222	1.1222	0.698467	1.10114	1.10114	3.94946	3.83154	0.86235	1
cg21805791	MAFK	0.0338173	0.980412	1.01392	1.01392	0.228363	0.490612	-2.03827	0.175067	0.443825	-2.25314	0.227999	0.490311	-2.03952	0.00341314	0.106343	-9.40352	0.100238	0.362654	-2.75745	0.00297103	0.100636	-9.93681	0.803608	0.869061	-1.15067	0.171697	0.44064	-2.26943	3.91544	19.6725	4.46609	1
cg04344923	MAFK	0.0378853	0.126493	0.513223	-1.94847	0.103949	0.488012	-2.04913	0.806903	0.905908	-1.10386	0.461456	1.35328	1.35328	0.00283807	0.190472	-5.25012	0.0496182	0.405018	-2.46903	0.0219381	0.329793	-3.0322	0.0653068	0.433905	-2.30465	0.492418	0.754776	-1.3249	3.75729	9.68966	2.29235	1
cg01587709	MAFK	0.04284	0.443669	0.876046	-1.14149	0.666693	1.07619	1.07619	0.0362774	1.5106	1.5106	0.73948	0.945019	-1.05818	0.014137	0.598622	-1.6705	0.900807	1.02135	1.02135	0.0121552	0.588841	-1.69825	0.0863917	0.725423	-1.37851	0.429425	0.872247	-1.14646	3.59083	1.63295	0.404229	1
cg16385941	MAFK	0.0457469	0.874316	0.959647	-1.04205	0.00488439	2.63986	2.63986	0.00721059	2.46538	2.46538	0.619982	0.878033	-1.13891	0.762358	1.08211	1.08211	0.82602	0.944327	-1.05895	0.520612	0.844138	-1.18464	0.66331	1.12073	1.12073	0.282927	0.74803	-1.33684	3.50384	3.75728	0.953185	1
cg07351675	MAFK	0.0494885	0.0962629	0.295315	-3.38621	0.493876	0.628766	-1.59042	0.0106148	8.55009	8.55009	0.452049	1.66806	1.66806	0.217968	0.420849	-2.37615	0.710661	0.779694	-1.28255	0.0276369	0.175679	-5.69219	0.0973094	0.296662	-3.37084	0.330709	0.511562	-1.9548	3.40139	24.0267	6.27891	1
cg17929492	MAFK;MAFK	0.0437156	0.183605	0.595848	-1.67828	?	?	?	0.0269626	2.66074	2.66074	0.166843	0.581973	-1.71829	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	4.62295	3.15994	1.59491	1
cg26735071	MAG;MAG	9.71E-07	0.266687	1.16413	1.16413	1.96E-06	0.213177	-4.69093	5.62E-06	0.260559	-3.8379	3.88E-06	0.243544	-4.10603	9.22E-07	0.181729	-5.50271	1.36E-07	0.112795	-8.86563	0.102805	0.791052	-1.26414	0.0170259	0.682449	-1.46531	0.0159477	0.678725	-1.47335	73.8753	20.1773	0.242779	1
cg02776658	MAG;MAG	4.23E-06	0.00182712	0.575942	-1.73629	0.00814119	1.52499	1.52499	5.61E-05	0.393471	-2.54148	0.295707	0.87364	-1.14464	0.0137804	0.684347	-1.46125	0.0047143	1.59645	1.59645	1.37E-07	0.126411	-7.9107	0.00112227	1.81772	1.81772	0.0713502	0.778102	-1.28518	50.686	12.4588	0.218492	1
cg03917584	MAG;MAG	0.000361122	0.0937987	1.57795	1.57795	0.00321482	0.369595	-2.70566	0.0319851	0.536866	-1.86266	0.00133107	0.315047	-3.17413	0.00210455	0.342803	-2.91712	0.000231474	0.220303	-4.5392	0.000908872	3.41448	3.41448	0.0132456	0.467699	-2.13813	0.204862	0.718106	-1.39255	15.6342	15.1719	0.862604	1
cg14952359	MAG;MAG	0.000940554	0.0432639	2.09883	2.09883	0.0130106	0.374317	-2.67153	0.00678241	0.326653	-3.06135	0.0411277	0.4717	-2.11999	0.00189061	0.245547	-4.07253	0.00103898	0.212534	-4.70513	0.00342944	3.55285	3.55285	0.0081185	0.339346	-2.94685	0.624824	1.17019	1.17019	11.9726	19.2819	1.43156	1
cg22238209	MAG;MAG	0.00130635	0.611306	0.862703	-1.15915	0.0180523	2.28794	2.28794	0.0631646	0.547605	-1.82613	0.0216744	0.451881	-2.21297	0.00182201	0.278928	-3.58516	0.00989866	0.391	-2.55755	0.00016057	0.156033	-6.40889	0.126072	1.61115	1.61115	0.0768111	0.567185	-1.76309	10.9038	14.3393	1.16895	1
cg04169912	MAG;MAG	0.0110927	0.841423	0.902578	-1.10794	0.0312167	0.274309	-3.64553	0.518812	0.715577	-1.39747	0.186727	0.488634	-2.04652	0.00102979	0.0830378	-12.0427	0.00234019	0.113774	-8.78939	0.420131	0.656093	-1.52417	0.0207204	0.240505	-4.15792	0.539791	1.37385	1.37385	5.71704	23.7057	3.68577	1
cg04690840	MAG;MAG	0.0185573	0.170221	0.788384	-1.26842	0.37979	1.15796	1.15796	0.938715	1.0126	1.0126	0.981645	0.996262	-1.00375	0.352572	0.855806	-1.16849	0.295139	0.838005	-1.19331	0.00102433	2.20852	2.20852	0.547747	0.905725	-1.10409	0.021229	0.637087	-1.56964	4.82532	2.02494	0.373022	1
cg24717731	MAG;MAG	0.0403431	0.145997	0.594708	-1.6815	0.132424	1.71709	1.71709	0.762207	1.10633	1.10633	0.147847	0.596325	-1.67694	0.109099	0.558903	-1.78922	0.761511	0.903613	-1.10667	0.00793872	3.10618	3.10618	0.0374083	2.23494	2.23494	0.553561	1.22085	1.22085	3.67156	6.44685	1.56079	1
cg15761414	MAG;MAG	0.0463342	0.100462	2.19377	2.19377	0.00397824	5.42209	5.42209	0.581871	0.784419	-1.27483	0.0933493	2.23855	2.23855	0.318041	1.56924	1.56924	0.0938662	0.447397	-2.23515	0.26801	1.6549	1.6549	0.487224	0.734789	-1.36093	0.203226	1.79751	1.79751	3.48709	10.5273	2.68349	1
cg23776892	MAGEA1	2.07E-05	0.816091	0.967672	-1.03341	2.17E-05	0.299867	-3.33481	0.0919023	0.769717	-1.29918	0.128468	1.26083	1.26083	0.0826733	0.762542	-1.3114	0.000280526	2.31143	2.31143	0.000127662	2.55992	2.55992	8.38E-06	0.254223	-3.93355	0.262927	1.17896	1.17896	33.5799	10.5816	0.280104	1
cg15037594	MAGEA1	0.0104033	0.100437	1.69584	1.69584	0.0118514	0.397682	-2.51457	0.0619718	0.539643	-1.85308	0.501762	0.818652	-1.22152	0.000723247	0.221051	-4.52384	0.747409	1.09948	1.09948	0.139774	1.59415	1.59415	0.635259	0.869146	-1.15055	0.679811	1.12953	1.12953	5.83623	7.96232	1.2127	1
cg26414720	MAGEA1	0.0175448	0.873015	1.04863	1.04863	0.224356	1.4607	1.4607	0.0355084	0.483515	-2.06819	0.00933845	0.375766	-2.66123	0.00438408	0.323178	-3.09427	0.114827	1.66375	1.66375	0.159768	1.562	1.562	0.466415	0.802492	-1.24612	0.669105	1.13614	1.13614	4.91725	6.86389	1.24078	1
cg10066681	MAGEA1	0.0390349	0.437971	0.7289	-1.37193	0.250883	0.619084	-1.61529	0.00143211	0.158364	-6.31459	0.695529	0.854531	-1.17023	0.0159396	0.30739	-3.2532	0.0441668	0.396884	-2.51963	0.233224	0.606788	-1.64802	0.321192	0.663886	-1.50628	0.132875	0.523045	-1.91188	3.71636	9.40268	2.24896	1
cg05031352	MAGEA1	0.0419727	0.0910188	0.467219	-2.14032	0.70459	1.16847	1.16847	0.0283683	0.347229	-2.87995	0.762564	1.13185	1.13185	0.0138833	0.288646	-3.46446	0.00484118	0.217095	-4.60629	0.0869774	0.461805	-2.16542	0.504204	0.758022	-1.31922	0.503239	0.757533	-1.32008	3.6182	9.57487	2.35227	1
cg19964192	MAGEA10;MAGEA10	1.95E-05	0.040064	1.61774	1.61774	7.86E-05	0.235125	-4.25306	5.42E-05	0.217506	-4.59758	0.691665	0.922362	-1.08417	9.06E-07	0.0714584	-13.9941	0.963588	0.990788	-1.0093	0.0339927	1.65161	1.65161	0.708357	1.07916	1.07916	0.873099	0.968113	-1.03294	34.1074	22.2031	0.578645	1
cg05215305	MAGEA10;MAGEA10	0.000402924	0.753044	1.08246	1.08246	0.00205727	0.336231	-2.97414	0.00379191	0.375156	-2.66556	0.00369135	0.373394	-2.67813	1.29E-05	0.100192	-9.98088	0.338408	1.28112	1.28112	0.368844	1.26075	1.26075	0.0165768	0.479664	-2.08479	0.271334	0.750147	-1.33307	15.1697	15.1418	0.887255	1
cg15764264	MAGEA10;MAGEA10	0.00415658	0.193188	0.655593	-1.52534	0.0123342	0.38465	-2.59977	0.00248988	0.275606	-3.62837	0.00415669	0.307922	-3.24758	0.00170213	0.253068	-3.9515	0.886224	1.04488	1.04488	0.672873	1.13907	1.13907	0.00363206	0.299191	-3.34235	0.0111456	0.37699	-2.65259	7.76204	11.5579	1.32358	1
cg25549519	MAGEA10;MAGEA10	0.00835906	0.0121352	0.239057	-4.18311	0.0243213	0.292702	-3.41645	0.314891	0.621456	-1.60913	0.0443022	0.347347	-2.87896	0.00176999	0.130294	-7.67496	0.0832643	2.40529	2.40529	0.860316	0.922542	-1.08396	0.0431826	0.344829	-2.89998	0.0060748	0.194011	-5.15436	6.25697	20.7619	2.94951	1
cg13994408	MAGEA10;MAGEA10	0.024091	0.137318	0.351518	-2.8448	0.281285	0.481153	-2.07834	0.0663528	0.260469	-3.83923	0.425601	0.587707	-1.70153	0.00369293	0.0770435	-12.9797	0.0819978	0.283953	-3.52171	0.00258897	0.0653768	-15.2959	0.254227	0.459422	-2.17665	0.0166916	0.148234	-6.74608	4.41361	29.8339	6.00847	1
cg13492609	MAGEA10;MAGEA10	0.0326704	0.4752	1.43309	1.43309	0.396555	0.650366	-1.5376	0.0459559	0.32189	-3.10665	0.158276	0.473573	-2.11161	0.00584721	0.167273	-5.97826	0.00793685	0.185092	-5.40273	0.643435	0.793739	-1.25986	0.0363309	0.299418	-3.33981	0.0497496	0.329843	-3.03175	3.96432	15.4185	3.45718	1
cg26982030	MAGEA10;MAGEA10;MAGEA10;MAGEA10	0.00211273	0.517244	0.7924	-1.26199	0.0467165	0.446178	-2.24126	0.00365625	0.248324	-4.027	0.390556	0.732136	-1.36587	3.94E-05	0.0615925	-16.2357	0.996743	0.998554	-1.00145	0.467441	1.29957	1.29957	0.783134	0.90685	-1.10272	0.749638	1.12015	1.12015	9.4889	18.8747	1.76812	1
cg00157034	MAGEA12;MAGEA12;CSAG1;MAGEA12;CSAG1	0.00172957	0.0323119	0.428427	-2.33412	0.28016	0.6841	-1.46178	0.0288186	0.418205	-2.39117	0.0227247	0.397662	-2.5147	0.00253874	0.242516	-4.12344	0.005088	0.285882	-3.49795	8.56E-05	0.0920017	-10.8694	0.022407	0.396473	-2.52224	0.00168961	0.219289	-4.56019	10.0575	18.2168	1.61002	1
cg08341323	MAGEA12;MAGEA12;MAGEA12;CSAG1;CSAG1	0.00678905	0.297726	1.33671	1.33671	0.00468129	0.363938	-2.74772	0.15192	0.661879	-1.51085	0.00980782	0.415723	-2.40545	0.00393715	0.352433	-2.83742	0.0969894	1.63188	1.63188	0.0284159	2.00454	2.00454	0.882038	0.960867	-1.04073	0.30651	0.752301	-1.32926	6.67847	7.64493	1.01752	1
cg09141697	MAGEA12;MAGEA12;MAGEA12;CSAG1;CSAG1	0.00973453	0.165626	1.73519	1.73519	0.0151019	0.328608	-3.04314	0.213061	0.613389	-1.63029	0.0132655	0.31858	-3.13893	0.00275232	0.214423	-4.66367	0.15472	1.76419	1.76419	0.0430054	2.38196	2.38196	0.669033	1.17384	1.17384	0.553613	0.799846	-1.25024	5.96165	13.1165	1.95569	1
cg12857407	MAGEA12;MAGEA12;MAGEA12;CSAG1;CSAG1	0.0132803	0.0586129	2.62273	2.62273	0.234621	0.569902	-1.75469	0.0256581	0.302308	-3.30789	0.182504	0.528064	-1.89371	0.00200219	0.139663	-7.1601	0.428609	1.44012	1.44012	0.0854203	2.3589	2.3589	0.83733	0.911389	-1.09723	0.0405219	0.343805	-2.90863	5.39241	17.3972	2.86777	1
cg06878303	MAGEA12;MAGEA12;MAGEA12;MAGEA12;CSAG1;MAGEA12;CSAG1	0.000599214	0.0416587	2.16849	2.16849	0.00242561	0.248684	-4.02117	0.0016466	0.226456	-4.41586	0.00108358	0.203936	-4.9035	9.80E-05	0.102176	-9.78699	0.124388	0.577884	-1.73045	0.187408	1.58489	1.58489	0.638246	0.855488	-1.16892	0.0091303	0.335696	-2.97888	13.5888	23.3803	1.52938	1
cg04765207	MAGEA2;MAGEA2;MAGEA2;MAGEA2	0.00661146	0.0633805	0.544447	-1.83673	0.00152014	0.264565	-3.77979	0.0312254	0.478957	-2.08787	0.0209138	0.445152	-2.24643	0.0432156	0.508006	-1.96848	0.325591	0.744087	-1.34393	0.0129221	2.45636	2.45636	0.242133	1.42834	1.42834	0.0810883	0.569367	-1.75634	6.73373	9.04461	1.19394	1
cg20079335	MAGEA2;MAGEA2;MAGEA2;MAGEA2	0.026613	0.674271	1.15799	1.15799	0.0655275	0.488079	-2.04885	0.0267554	0.402247	-2.48604	0.138745	0.575205	-1.73851	0.0129208	0.342706	-2.91795	0.117124	1.80521	1.80521	0.039111	2.28997	2.28997	0.969395	0.986775	-1.0134	0.119869	0.556796	-1.79599	4.26318	8.13064	1.69527	1
cg27041022	MAGEA3	0.000171494	0.00430016	0.342979	-2.91563	0.000340308	0.1984	-5.04031	0.00229715	0.302912	-3.30129	0.000273545	0.188055	-5.31758	1.90E-05	0.0875093	-11.4274	0.000546587	0.221965	-4.50521	0.000592905	0.226165	-4.42155	0.142009	0.642462	-1.55651	0.000772735	0.24016	-4.16389	19.1521	23.8259	1.10581	1
cg03849262	MAGEA3	0.00072173	0.00691915	0.433527	-2.30666	0.000927552	0.306523	-3.2624	0.00257854	0.368231	-2.71569	0.00884293	0.450711	-2.21872	0.000144843	0.209143	-4.78142	0.0453007	1.7317	1.7317	0.0932475	1.55505	1.55505	0.729792	0.920433	-1.08645	0.0322796	0.549087	-1.82121	12.8999	11.6819	0.80496	1
cg08448931	MAGEA4	4.73E-05	0.259816	0.794921	-1.25799	2.76E-06	0.111119	-8.99933	0.00162801	0.414166	-2.41449	0.00293698	0.450398	-2.22026	6.70E-05	0.240285	-4.16173	0.112093	0.713333	-1.40187	0.0167312	0.565386	-1.7687	0.254824	0.792832	-1.2613	1.81E-05	0.18116	-5.51998	27.014	16.3112	0.536716	1
cg21045312	MAGEA4	0.00144625	0.00220575	0.329792	-3.03222	0.0063257	0.398854	-2.50718	0.0474363	0.556397	-1.79728	0.0522827	0.565154	-1.76943	7.72E-05	0.157091	-6.36574	0.77331	0.928053	-1.07752	0.525882	1.18077	1.18077	0.707686	1.10228	1.10228	0.00301057	0.349396	-2.86209	10.5902	11.21	0.940918	1
cg22497867	MAGEA4	0.0057381	0.100306	0.579421	-1.72586	0.402644	1.29643	1.29643	0.348472	0.746338	-1.33988	0.978664	0.991927	-1.00814	0.000154131	0.140055	-7.14006	0.253217	1.43578	1.43578	0.0514587	1.95827	1.95827	0.122302	0.601948	-1.66127	0.533076	0.825835	-1.2109	7.03529	10.2371	1.29343	1
cg12941426	MAGEA4	0.0220228	0.00408485	0.217952	-4.58816	0.0890196	0.47641	-2.09903	0.0393155	0.389601	-2.56673	0.174517	0.564967	-1.77002	0.00143735	0.161748	-6.18246	0.157952	0.55056	-1.81633	0.952285	1.02394	1.02394	0.32671	0.670124	-1.49226	0.169195	0.560437	-1.78432	4.55232	11.2684	2.20027	1
cg13219833	MAGEA4;MAGEA4;MAGEA4;MAGEA4	0.000504981	0.0620674	0.680856	-1.46874	0.0286091	0.623412	-1.60408	0.00120429	0.419869	-2.38169	0.0418799	0.651082	-1.5359	8.71E-06	0.170787	-5.85526	0.758408	0.945112	-1.05808	0.24007	1.25243	1.25243	0.28506	0.816128	-1.2253	0.0570777	0.674397	-1.48281	14.2513	7.55748	0.47138	1
cg18521137	MAGEA4;MAGEA4;MAGEA4;MAGEA4	0.0023253	0.184402	1.4278	1.4278	0.225272	0.724589	-1.38009	0.631611	0.884977	-1.12997	0.963628	0.988531	-1.0116	4.55E-05	0.142259	-7.02942	0.495438	1.19135	1.19135	0.753769	1.08285	1.08285	0.0057637	0.400441	-2.49725	0.619428	0.881045	-1.13502	9.22635	9.34959	0.900762	1
cg11706213	MAGEA5	0.000201252	0.19442	0.802962	-1.24539	0.0685398	1.38535	1.38535	0.901433	1.02	1.02	0.661353	0.93196	-1.07301	3.16E-06	0.170898	-5.85143	0.295872	1.1892	1.1892	0.00916142	1.69733	1.69733	0.40063	1.14744	1.14744	0.588956	0.916485	-1.09113	18.3401	7.42297	0.359768	1
cg06313930	MAGEA5	0.000512451	4.85E-05	0.0662721	-15.0893	0.00235535	0.221525	-4.51417	0.000914202	0.17195	-5.81566	0.0104483	0.318215	-3.14253	0.000157641	0.100655	-9.93497	0.494793	0.781729	-1.27922	0.222776	0.634403	-1.57629	0.270167	0.665088	-1.50356	0.00618523	0.281323	-3.55463	14.1933	28.362	1.77624	1
cg13987686	MAGEA5	0.00176373	0.0322145	0.634495	-1.57606	0.0850345	0.707959	-1.41251	0.00238486	0.463968	-2.15532	0.00153965	0.437644	-2.28496	0.000990746	0.411683	-2.42905	0.225871	1.25942	1.25942	0.0317768	1.5785	1.5785	0.00400371	0.495874	-2.01664	0.205295	0.784772	-1.27426	10.0006	5.20985	0.463068	1
cg16962802	MAGEA5	0.00317006	0.802595	1.08526	1.08526	0.00357112	0.275466	-3.63022	0.0184049	0.392915	-2.54508	0.512558	0.804981	-1.24226	0.000203517	0.130778	-7.64652	0.50752	0.802832	-1.24559	0.0179911	2.5571	2.5571	0.320431	0.715099	-1.39841	0.307976	0.708447	-1.41154	8.41899	14.2259	1.50199	1
cg08408490	MAGEA5	0.00457324	0.913522	1.02176	1.02176	0.00561971	0.486545	-2.05531	0.000842366	0.369697	-2.70492	0.0602046	0.656992	-1.52209	0.0408366	0.626339	-1.59658	0.0695895	1.49513	1.49513	0.783214	0.946809	-1.05618	0.00201412	0.421679	-2.37147	0.254476	0.78993	-1.26594	7.54067	4.69061	0.552926	1
cg13369656	MAGEA5	0.00558755	0.00619149	0.214541	-4.66111	0.00410701	0.190134	-5.25944	0.00659686	0.218515	-4.57634	0.0375972	0.353421	-2.82949	0.00131508	0.133193	-7.50792	0.274275	1.63316	1.63316	0.841345	0.917209	-1.09026	0.178275	0.539715	-1.85283	0.0172218	0.286112	-3.49514	7.09306	20.8864	2.61744	1
cg16341056	MAGEA5	0.00672811	0.00378814	0.210688	-4.74635	0.0569822	0.423679	-2.36028	0.0109554	0.279995	-3.57149	0.461141	0.741453	-1.3487	0.00468359	0.223376	-4.47676	0.598368	1.23607	1.23607	0.00106561	0.145366	-6.8792	0.0603589	0.429766	-2.32685	0.0262848	0.34966	-2.85992	6.69723	16.862	2.23801	1
cg19858323	MAGEA5	0.0088753	0.0926405	0.616556	-1.62191	0.435707	0.812348	-1.231	0.29913	0.754852	-1.32476	0.762152	1.08256	1.08256	0.28439	0.747799	-1.33726	0.0857729	1.64254	1.64254	0.00548064	0.385024	-2.59724	0.0653037	0.582317	-1.71728	0.000507735	0.241824	-4.13523	6.13948	6.64096	0.961494	1
cg14107638	MAGEA5	0.0194152	0.0348273	0.226755	-4.41004	0.0173346	0.174079	-5.74452	0.128732	0.371414	-2.69241	0.703736	0.794147	-1.25921	0.0121439	0.151709	-6.59155	0.43977	1.60855	1.60855	0.00254562	0.0799792	-12.5033	0.309622	0.530319	-1.88566	0.0251746	0.200651	-4.98377	4.75217	27.3902	5.12331	1
cg25731337	MAGEA5	0.0242789	0.210369	0.54826	-1.82395	0.265633	0.589665	-1.69588	0.0858319	0.42129	-2.37366	0.0160957	0.261567	-3.82311	0.0031131	0.158613	-6.30464	0.266345	1.69443	1.69443	0.432205	1.44049	1.44049	0.0575376	0.376061	-2.65914	0.034151	0.32446	-3.08205	4.40174	14.4541	2.91886	1
cg13699139	MAGEA6;MAGEA6	0.0163328	0.944033	1.02091	1.02091	0.089187	0.57548	-1.73768	0.0184873	0.430735	-2.32161	0.344551	0.750505	-1.33244	0.000655677	0.214519	-4.6616	0.335952	1.33975	1.33975	0.19779	1.49376	1.49376	0.740579	0.906696	-1.1029	0.436844	0.791499	-1.26343	5.03635	6.93176	1.22342	1
cg17219209	MAGEA8;MAGEA8;MAGEA8	5.86E-05	0.229622	0.842431	-1.18704	0.350855	0.87756	-1.13952	0.000136345	0.407426	-2.45443	0.166195	0.818056	-1.22241	1.31E-06	0.18488	-5.40892	0.903786	0.983685	-1.01659	0.00962497	1.56169	1.56169	0.631224	1.068	1.068	0.0230653	0.690984	-1.44721	25.5317	7.48167	0.260475	1
cg19280671	MAGEA8;MAGEA8;MAGEA8	0.000368098	0.438556	0.87243	-1.14622	0.000191307	0.337733	-2.96092	0.00810631	0.556795	-1.79599	0.705307	1.06782	1.06782	1.76E-05	0.219246	-4.56109	0.689501	1.07183	1.07183	0.077429	1.40361	1.40361	0.0283589	0.639542	-1.56362	0.163173	0.773301	-1.29316	15.5522	7.3485	0.420006	1
cg26500539	MAGEA8;MAGEA8;MAGEA8	0.000927549	0.000682011	0.174657	-5.72551	0.0674981	0.502204	-1.99122	0.010233	0.336765	-2.96943	0.00227776	0.238165	-4.19877	0.00147054	0.213634	-4.6809	0.00425813	0.27638	-3.61821	0.000107416	0.100597	-9.94067	0.948651	0.978579	-1.02189	0.00845114	0.322855	-3.09736	12.0198	21.519	1.59137	1
cg04279920	MAGEA8;MAGEA8;MAGEA8	0.00153663	0.000120511	0.133228	-7.50593	0.00176841	0.262935	-3.80322	0.0395387	0.489572	-2.0426	0.850621	0.945013	-1.05819	0.00349459	0.30463	-3.28267	0.160037	1.56879	1.56879	0.829383	1.06688	1.06688	0.0212274	0.435662	-2.29536	0.0139434	0.402097	-2.48696	10.407	14.8328	1.2669	1
cg00913945	MAGEA8;MAGEA8;MAGEA8	0.00514241	0.0176476	0.453692	-2.20414	0.2214	0.703336	-1.4218	0.0308782	0.499571	-2.00172	0.102742	0.613367	-1.63035	0.000298208	0.199566	-5.01086	0.490795	1.21122	1.21122	0.00375915	0.342699	-2.91802	0.245517	0.717083	-1.39454	0.00892756	0.402215	-2.48623	7.2759	8.63823	1.05532	1
cg11834527	MAGEA8;MAGEA8;MAGEA8	0.0220776	0.0131093	0.203194	-4.92142	0.118124	0.415259	-2.40814	0.00630381	0.15838	-6.31394	0.0818561	0.368355	-2.71477	0.031677	0.271262	-3.68648	0.0774748	0.361849	-2.76359	0.00551762	0.151174	-6.6149	0.0149445	0.212237	-4.7117	0.0936202	0.384788	-2.59884	4.54844	19.3266	3.77693	1
cg16937327	MAGEA8;MAGEA8;MAGEA8;MAGEA8;MAGEA8;MAGEA8	4.78E-07	0.564688	1.05587	1.05587	6.95E-07	0.284269	-3.51779	0.0046792	0.703911	-1.42063	0.000434712	1.68096	1.68096	1.60E-08	0.130302	-7.67449	0.153435	0.866986	-1.15342	0.0703591	1.20789	1.20789	0.0465348	0.80826	-1.23723	0.00640678	1.39264	1.39264	88.5034	12.2222	0.122754	1
cg20260312	MAGEB10	0.000204298	0.000699842	0.346977	-2.88204	0.0044322	0.459518	-2.17619	0.00603688	0.479753	-2.08441	0.561451	0.886715	-1.12776	5.83E-06	0.124077	-8.05953	0.815975	1.0489	1.0489	0.530741	0.878065	-1.13887	0.153578	0.731339	-1.36736	0.000445891	0.321567	-3.10977	18.2655	12.1303	0.59032	1
cg01627510	MAGEB10	0.00045401	0.124187	0.681461	-1.46744	8.99E-05	0.199087	-5.02294	6.59E-05	0.185178	-5.40022	0.562896	0.873936	-1.14425	0.00171363	0.356576	-2.80445	0.724118	0.921605	-1.08506	0.42849	1.20468	1.20468	0.134	1.45105	1.45105	0.0129283	0.49124	-2.03566	14.6777	12.3364	0.747102	1
cg01373750	MAGEB10	0.0024476	0.98314	1.00671	1.00671	0.781168	0.91569	-1.09207	0.946079	1.02162	1.02162	0.64635	0.864055	-1.15733	0.000554176	0.183592	-5.44685	0.534341	1.22023	1.22023	0.000117331	0.118444	-8.44282	0.174475	0.633275	-1.57909	0.0287835	0.44239	-2.26045	9.0885	14.3985	1.40823	1
cg04689451	MAGEB10	0.00291613	0.00304198	0.578501	-1.72861	0.185735	0.827665	-1.20822	0.00898573	0.639004	-1.56494	0.1721	0.822066	-1.21645	0.0014848	0.539089	-1.85498	0.254771	0.851897	-1.17385	0.00177891	1.82156	1.82156	0.573363	0.926167	-1.07972	0.265065	0.855068	-1.1695	8.63045	2.48385	0.255823	1
cg09998941	MAGEB10	0.0045191	0.303494	0.664713	-1.50441	0.0127348	0.305403	-3.27437	0.00702334	0.263007	-3.80218	0.0862545	0.483698	-2.06741	0.000182597	0.0885092	-11.2983	0.765177	1.12163	1.12163	0.459255	0.749193	-1.33477	0.490626	0.764675	-1.30775	0.00494269	0.24016	-4.1639	7.56799	17.6003	2.06722	1
cg26257771	MAGEB10	0.0290831	0.524111	1.26843	1.26843	0.0422003	0.422303	-2.36797	0.198269	0.606043	-1.65005	0.0379589	0.412187	-2.42608	0.00108928	0.169435	-5.90197	0.943224	1.02658	1.02658	0.88957	0.950117	-1.0525	0.791603	0.907066	-1.10246	0.107583	0.5237	-1.90949	4.13205	8.8784	1.90993	1
cg18418803	MAGEB10	0.0389433	0.834735	0.890677	-1.12274	0.890014	0.92619	-1.07969	0.331344	0.573831	-1.74267	0.80037	1.15075	1.15075	0.00120533	0.0722393	-13.8429	0.303107	1.806	1.806	0.346146	1.71197	1.71197	0.781718	0.857337	-1.1664	0.0557509	0.300856	-3.32385	3.71957	18.091	4.32332	1
cg18077778	MAGEB16	2.27E-05	0.442163	0.832631	-1.20101	0.519982	0.858615	-1.16467	0.949323	1.01497	1.01497	0.131144	0.683208	-1.46368	0.00281702	0.38223	-2.61622	0.31538	1.27461	1.27461	1.59E-06	0.0591386	-16.9094	0.816018	1.05599	1.05599	2.58E-06	0.0704401	-14.1965	32.7633	28.3472	0.769076	1
cg27329995	MAGEB16	9.62E-05	0.000894269	0.302692	-3.30369	0.000529641	0.27344	-3.65711	0.0132362	0.478197	-2.09119	0.0374615	0.55984	-1.78623	8.90E-06	0.0988774	-10.1135	0.23412	0.741052	-1.34943	2.44E-05	0.132765	-7.53209	0.865467	0.960077	-1.04158	0.000635885	0.283478	-3.52761	22.3723	20.4548	0.812705	1
cg11805814	MAGEB16	0.000119521	0.000178034	0.108773	-9.1935	5.37E-05	0.0719422	-13.9001	0.00785886	0.30379	-3.29175	0.00262247	0.233342	-4.28556	0.000612768	0.158284	-6.31774	0.000490689	0.148464	-6.73565	3.03E-05	0.0579243	-17.2639	0.000478812	0.147406	-6.78398	0.00122328	0.19157	-5.22003	21.1077	40.7941	1.71792	1
cg16931980	MAGEB16	0.000156093	1.55E-05	0.0794359	-12.5888	0.0931911	0.592466	-1.68786	0.00605929	0.362053	-2.76203	0.00015541	0.159454	-6.27141	0.000459103	0.209406	-4.77542	0.997939	0.999268	-1.00073	0.334015	1.32634	1.32634	0.458693	1.23846	1.23846	0.000501708	0.213856	-4.67604	19.6449	24.9969	1.13106	1
cg21265341	MAGEB16	0.000601617	5.79E-05	0.047059	-21.2499	0.012657	0.280614	-3.56361	0.00114589	0.14083	-7.10077	0.503183	0.756857	-1.32125	0.00100295	0.134995	-7.40771	0.10199	0.480033	-2.08319	0.527162	0.768971	-1.30044	0.555379	0.78304	-1.27707	0.000238884	0.0825661	-12.1115	13.5737	36.1417	2.36678	1
cg00117663	MAGEB16	0.00189506	0.0819005	0.567019	-1.76361	0.892084	0.960838	-1.04076	0.296172	0.727022	-1.37547	0.718887	0.899084	-1.11224	0.052837	0.523245	-1.91115	0.487148	0.812392	-1.23093	0.284489	1.38709	1.38709	0.166509	0.647816	-1.54365	2.07E-05	0.0797085	-12.5457	9.79432	13.4358	1.21937	1
cg23247524	MAGEB16	0.0177589	0.114715	0.461214	-2.16819	0.041041	0.34519	-2.89696	0.0592701	0.382633	-2.61347	0.00661582	0.203839	-4.90584	0.0674234	0.396728	-2.52062	0.832228	0.90873	-1.10044	0.396562	1.47944	1.47944	0.869816	1.07681	1.07681	0.00172283	0.132959	-7.52109	4.89727	15.7864	2.86534	1
cg07752550	MAGEB16;MAGEB16	0.000866612	0.000249273	0.099149	-10.0858	0.000754598	0.141823	-7.05106	0.0370734	0.396303	-2.52332	0.388457	0.713242	-1.40205	0.00271437	0.205294	-4.87107	0.000718663	0.139716	-7.15737	0.480236	0.760059	-1.31569	0.0076049	0.269197	-3.71475	0.000489635	0.123896	-8.07128	12.2528	28.3665	2.05787	1
cg24764759	MAGEB16;MAGEB16	0.0124281	0.655687	0.744078	-1.34395	0.286758	0.48256	-2.07228	0.0517079	0.232581	-4.29958	0.280901	2.0923	2.0923	0.134721	0.345679	-2.89285	0.0135799	0.133764	-7.47583	0.00220048	0.0591577	-16.904	0.909189	1.07806	1.07806	0.00248928	0.0627395	-15.9389	5.51037	37.8669	6.10839	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105T 047 vs. N) vs. N)	Ratio(105T vs. N)	Fold-Change(1-p-value(111T 057 vs. N) vs. N)	Ratio(111T vs. N)	Fold-Change(1-p-value(112T 117 vs. N) vs. N)	Ratio(112T vs. N)	Fold-Change(1-p-value(121T 127 vs. N) vs. N)	Ratio(121T vs. N)	Fold-Change(1-p-value(121T 217 vs. N) vs. N)	p-value(347T vs. N)	Fold-Change(1-p-value(347T vs. N) vs. N)	p-value(353T vs. N)	Fold-Change(1-p-value(353T 537 vs. N) vs. N)	p-value(537T vs. N)	Fold-Change(1-p-value(537T 377 vs. N) vs. N)	p-value(563T vs. N)	Fold-Change(1-p-value(563T 637 vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg14353748	MAGEB18	0.00527652	0.133508	0.648353	-1.55081	0.00629741	0.978791	-2.61898	0.00269718	0.322706	-3.09879	0.667391	0.12518	1.12518	0.00725193	0.388672	2.57286	0.93513	1.00246	1.00246	5.81E-05	0.130992	-7.63404	0.94312	0.851873	-1.17388	9.68E-05	0.151705	6.59174	14.0785	16.595	1.04777	1
cg02858817	MAGEB18	0.021027	0.0191	0.1514	-6.60424	0.674347	0.754838	-1.32479	0.382044	0.550664	-1.81599	0.104489	0.306966	-3.25769	0.0388266	0.203517	4.9136	0.250726	2.22629	2.22629	0.00142804	0.0464235	-21.5408	0.6828	0.760759	-1.31448	0.0315533	0.186757	-5.35456	6.625	32.4427	6.23525	1
cg22215739	MAGEB18;MAGEB18	0.00022121	0.692283	0.917601	-1.0898	0.00470819	0.444	-2.25225	0.00507563	0.44896	-2.22737	0.317744	0.799908	-1.25014	0.00124249	0.360564	-2.77344	0.189554	0.740512	-1.35042	7.13E-06	0.117084	-8.54091	0.54823	0.876916	-1.14036	0.000176166	0.252829	-3.95524	17.8753	13.2309	0.657936	1
cg13236591	MAGEB18;MAGEB18	0.00308435	0.451867	0.785267	-1.27355	0.01149965	0.368444	-1.77071	0.00305347	0.319169	-3.13149	0.57249	0.0758111	0.536103	-1.86531	0.00104674	0.21647	-4.61958	0.191057	0.646137	-1.54706	0.0134063	0.459893	-2.17442	0.558985	0.829914	-1.20494	0.00136568	0.230859	-4.33164	8.48793	13.3797	1.40117	1
cg10941721	MAGEB1;MAGEB1	0.00730461	0.279631	1.92386	1.92386	0.00109935	0.060702	-16.4739	0.00848182	0.141396	-7.07233	0.280182	1.92231	1.92231	0.00147326	0.210876	4.74213	0.80086	0.863175	-1.15851	0.044436	3.83365	0.863356	0.630136	1.29362	1.29362	0.269637	1.95272	0.572754	35.0385	4.73124	1
cg18444868	MAGEB1;MAGEB1	0.0127461	0.670949	1.17993	1.17993	0.00912074	0.266819	-3.74785	0.0398515	0.387644	-2.57968	0.283351	0.641092	-1.55984	0.0011748	0.149691	6.68041	0.0728187	2.22156	2.22156	0.532632	1.28671	1.28671	0.888854	0.95753	1.05753	0.769332	1.12462	1.54621	13.77	2.23962	1
cg02714462	MAGEB1;MAGEB1	0.0497225	0.408678	1.82974	1.82974	0.0726421	4.18655	-1.18655	0.0360232	0.174891	-5.71786	0.488341	0.604524	-1.6542	0.00339112	0.0579613	-17.2529	0.924784	0.934716	-1.06984	0.943202	0.950333	-1.05226	0.866278	0.886484	-1.12805	0.861013	0.882237	-1.13348	3.3953	27.4868	7.19604	1
cg13203122	MAGEB1;MAGEB1;MAGEB4	0.0493451	0.026873	0.747686	-6.69738	0.186554	0.196575	-5.32444	0.00194521	0.326041	-3.0671	0.258998	0.507658	-1.96883	0.00105531	0.159561	-6.3725	0.195739	0.454905	-2.19826	0.047339	0.270288	-3.69975	0.0178838	0.190727	-5.2431	0.0176505	0.189635	-5.27313	3.40514	17.8728	4.66556	1
cg13538156	MAGEB1;MAGEB1;MAGEB4;MAGEB4	0.016324	0.0468121	0.341588	-2.9275	0.215448	0.540459	-1.85028	0.0664787	0.275595	-3.63134	0.0248189	0.430252	-2.324	0.00559773	0.183231	5.45758	0.483093	0.714338	1.3999	0.000926064	0.0968663	-10.3235	0.850603	1.09307	1.09307	0.0351444	0.31404	-3.1843	5.03726	17.7699	3.13573	1
cg17618474	MAGEB2	0.00288338	0.117767	1.50481	1.50481	0.542449	0.862143	-1.1599	0.00457919	0.403273	-2.47971	0.399521	0.812621	-1.23059	0.00015239	0.209557	-4.77196	0.0327615	1.82382	1.82382	0.525353	1.16746	1.16746	0.158364	0.695739	-1.43732	0.203475	0.724025	-1.38117	8.6594	7.93771	0.814807	1
cg00787605	MAGEB2	0.00832494	0.0191	0.21717	-4.60515	0.0278438	0.0289	-3.46021	0.00178566	0.0181084	-5.52139	0.0104261	0.0210385	0.0210385	-4.75393	0.00238152	0.0938632	0.33618	1.48476	1.48476	0.601221	1.23391	1.23391	0.0657961	0.983037	-1.01726	0.267723	0.631176	-1.58404	6.26505	15.7631	2.23648	1
cg17515746	MAGEB2	0.015711	0.0701817	0.51081	3.51081	0.414324	0.232439	-4.3022	0.0654708	0.277282	-3.60635	0.160759	0.394768	-2.53313	0.00111814	0.0509107	-19.6422	0.359973	1.79301	1.79301	0.252737	2.08834	2.08834	0.754835	0.823377	-1.21451	0.6527	0.755	-1.3245	5.1018	31.1001	5.41858	1
cg10179210	MAGEB2	0.0166299	0.879426	1.075965	1.075965	0.0149146	0.305169	-3.27687	0.0154221	0.189402	-5.28163	0.0104466	0.0215861	0.0215861	-4.63314	0.00178455	0.0556013	0.467079	2.12703	2.12703	0.113465	1.73344	1.73344	0.918724	0.967926	-1.03314	0.820668	1.07521	1.07521	4.00763	6.47483	3.44611	1
cg03709941	MAGEB2	0.00685238	0.0275235	0.179944	-5.55882	0.0736933	0.340783	-2.93442	0.147356	0.431942	-2.31513	0.766607	0.851537	-1.17435	0.00084704	0.0664165	-15.0565	0.804301	1.24339	1.24339	0.0238562	2.21972	2.21972	0.0455	0.888805	1.03695	0.710115	0.848574	1.17863	0.633503	1.08053	1.10853	0.0402527	2.29064	4.44068	3.81073	16.4109	4.30425	1
cg27729712	MAGEB2;MAGEB2	0.00680178	0.776302	1.093	1.093	0.0946764	0.563626	-1.77423	0.00229565	0.264385	-3.78263	0.897989	0.960754	-1.04085	0.00014008	0.219693	4.5518	0.888805	1.03695	1.03695	0.710115	0.754815	0.754815	-1.32506	0.0454894	0.665302	0.553202	1.80706	15.2291	16.2435	0.948098	1
cg18443458	MAGEB3	0.000685427	0.4004	1.27163	1.27163	0.00137566	0.273713	-3.65346	0.0080659	0.387772	-2.57883	0.361907	0.769797	-1.29904	0.00237675	0.306432	-3.26337	0.241979	1.4076	1.4076	0.74E-05	0.117972	-8.47661	0.214289	1.44052	1.44052	0.0190257	0.45269	-2.20902	13.0878	16.1547	1.09718	1
cg11276194	MAGEB3	0.00888334	0.961806	1.0145	1.0145	0.0982936	0.32649	-3.06317	0.00115615	0.238136	-4.19928	0.0773629	0.80429	1.80429	0.258413	0.701562	-1.42539	0.0675466	1.85079	1.85079	0.211527	1.48531	1.48531	0.821033	0.934161	-1.07048	0.674103	0.88062	-1.13556	6.13772	8.78238	1.2719	1
cg07865294	MAGEB3;MAGEB3	0.0189322	0.797363	1.1317	1.1317	0.0201598	0.305078	-3.27785	0.205926	0.571015	-1.75127	0.83669	0.912723	-1.09538	0.00850988	0.241085	-4.14792	0.688781	1.843193	-1.18597	0.00169004	0.494455	-6.49096	0.237236	1.68974	1.68974	0.113471	0.503731	-1.98519	4.79284	13.6235	2.52663	1
cg00764658	MAGEB3;MAGEB3	0.0241146	0.323816	1.65692	1.65692	0.0676124	0.362541	-2.75831	0.0394275	0.307069	-3.2566	0.434521	1.48458	1.48458	0.00170878	0.108687	-9.20074	0.150736	2.14506	2.14506	0.666379	1.23978	1.23978	0.791095	0.876729	-1.1406	0.195241	0.507194	-1.97163	4.41212	17.1594	3.45703	1
cg07398429	MAGEB4	0.0173286	0.715344	0.889186	-1.12462	0.0282383	0.49	-2.04082	0.0178566	0.2833	-3.53093	0.353468	-2.98091	0.335577	-1.34775	0.00312562	0.0938632	0.728316	1.11841	1.11841	0.243238	1.47929	1.47929	0.584285	0.829013	-1.19384	0.658217	1.15356	1.15356	4.93773	8.04154	2.44763	1
cg07824412	MAGEB4	0.0264869	0.619815	0.91486	-1.09306	0.792782	1.07496	-1.04796	0.00631469	0.531102	-1.88288	0.442544	1.14948	1.14948	0.00178566	0.453377	-2.20567	0.952187	1.01073	1.01073	0.885058	1.02593	1.02593	0.07172	0.69924	-1.43012	0.3746	0.850312	-1.17604	4.70228	14.2048	3.31476	1
cg16125192	MAGEB4	0.00239496	0.0602597	0.431339	-2.31808	0.28199	0.460497	-2.17241	0.0264444	0.261871	-3.81853	0.0240473	0.0510357	0.0510357	-3.95813	0.0119031	0.39271	0.21834	4.57685	4.57685	0.0001813	5.49655	5.49655	0.0024552	1.0816	0.00142585	0.100035	6.46464	0.94679	0.22463	2.21012	1
cg02369904	MAGEB6	0.00290664	0.121993	1.57158	1.57158	0.00633839	0.383449	-2.60791	0.0441323	0.535947	-1.86585	0.181453	0.682083	-1.4661	0.00984424	0.414824	2.41066	0.412986	0.797929	-1.25324	0.455235	1.22768	1.22768	0.538178	1.18306	1.18306	0.000143718	0.170865	5.85258	6.8388	9.95256	1.02407	1
cg04730443	MAGEB6	0.00875235	0.0112229	0.179594	-5.55882	0.0736933	0.340783	-2.93442	0.147356	0.431942	-2.31513	0.766607	0.851537	-1.17435	0.00084704	0.0664165	-15.0565	0.0149423	0.198725	-5.03208	0.165501	0.449944	-2.2225	0.322362	0.1291	1.1291	0.00272948	0.107119	-9.33456	0.661668	28.472	4.10406	1
cg10127415	MAGEB6	0.0149334	0.0149334	0.208482	-4.79724	0.221761	0.513875	-1.9535	0.390374	0.633407	-1.57842	0.307662	0.411	0.589011	-1.69744	0.0001131	0.0150603	0.0150603	0.347507	2.87731	0.0001196	0.0050423	0.0050423	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	0.0001196	1
cg24761827	MAGEC1	0.00074745	3.12E-05	0.0814251	-12.2812	0.0194531	0.417944	-2.39267	0.131388	0.604717	-1.65367	0.00148793	0.242915	-4.11666	0.00152784	0.244412	-4.09146	0.0388829	0.477835	-2.09277	0.0199443	0.449984	-2.38104	0.239063	0.683329	-1.46342	0.00912578	0.216292	-4.62338	12.7737	19.2952	1.3427	1
cg20470136	MAGEC1	0.00406687	0.0322251	0.458466	-2.18178	0.0195975	0.291644	-3.42858	0.14121	0.488777	-2.04603	0.0115565	0.238136	-4.19928	0.0773629	0.80429	1.80429	0.258413	0.701562	-1.42539	0.0675466	1.85079	1.85079	0.211527	1.48531	1.48531	0.821033	0.934161	-1.07048	0.674103	0.88062	-1.13556	6.13772	8.78238	1.2719	1
cg09331619	MAGEC1	0.00820072	0.480195	-1.76535	-1.30495	0.025887	0.375495	-2.66702	0.0408143	0.456581	-2.40409	0.0141585	0.3254	-3.07314	0.00556313	0.2509501	3.98024	0.00372787	2.23392	2.23392	0.0001729	6.47473	6.47473	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	1
cg25651994	MAGEC1	0.0145395	0.0625155	0.42401	-2.35844	0.0455633	0.359547	-2.78128	0.0351806	0.334666	-2.98805	0.0180258	0.277521	-3.60333	0.00528909	0.193944	-5.15614	0.0117976	0.245857	-4.0674	0.286679	1.63822	1.63822	0.851158	1.08742	1.08742	0.00997272	0.234161	-4.27056	5.23431	16.5011	2.80221	1
cg00140084	MAGEC1	0.0125064	0.0272603	0.361805	-2.76385	0.0151107	0.243985	-4.09994	-2.04107	0.353207	-2.83115	0.0077285	0.139428	-7.17214	-1.39428	0.00638041	0.0994053	0.0994053	0.0072361	0.706	0.0001729	0.0050423	0.0050423	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	0.0001729	1
cg02506417	MAGEC1	0.0166051	0.00963142	0.149104	-6.70673	0.0500077	0.273059	-3.66221	0.241609	0.490718	-2.03783	0.439633	0.632689	-1.58055	0.00930806	0.147179	6.79443	0.0174234	0.186138	-5.37234	0.00402564	0.106028	-9.43151	0.0212636	0.200279	-4.99304	0.0170685	0.18473	-5.41332	5.00866	26.7588	5.47489	1
cg08276328	MAGEC1	0.0398813	0.0398813	0.494146	-2.02348	0.0881039	0.445145	-2.24525	0.134264	0.415196	-2.40824	0.0256791	0.440845	-2.26907	0.0144592	0.0825157	12.1183	0.981559	0.707885	-1.41273	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	0.933468	1
cg11110686	MAGEC1;MAGEC1	0.00661356	0.07925	0.521506	-1.91752	0.416829	1.31952	1.31952	0.0241953	0.407395	-2.45462	0.262496	0.676802	-1.47754	0.00071485	0.178798	5.59291	0.219192	0.649366	-1.53996	0.167672	1.63458	1.63458	0.419342	1.31747	1.31747	0.00287052	0.254002	3.936698	6.73307	11.906	1.5718	1
cg04064672	MAGEC2	0.00314076	0.00091785	0.210242	-4.75643	0.0075557	0.33891	-2.95063	0.0129585	0.337702	-2.9606	0.0046238	0.305327	-3.27518	3.86E-05	0.0834562	-11.9823	0.000776726	0.201668	-4.95864	0.0772029	0.532385	-1.87834	0.341466	0.734465	-1.36153	7.01E-05	0.0107807	0.82247	16.2449	25.5032	1.39549	1
cg15602795	MAGEC2	0.00169813	0.00043127	0.0941339	-10.6298	0.0139199	0.406987	-2.45707	0.0110435	0.312966	-3.19506	0.0060878	0.242739	-4.12377	0.00139202	0.0449842	22.2303	0.0289904	0.375801	-2.66064	0.0001813	0.0050423	0.0050423	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg02525737	MAGEC2	0.00205756	0.00193223	0.204482	-4.8904	0.0233031	0.375035	-2.66642	0.00985556	0.307297	-3.25418	0.108925	0.531287	-1.88222	0.000280963	0.106001	9.43384	0.0478997	0.441227	-2.2664	0.867057	0.941191	-1.06248	0.0972517	0.517693	-1.93165	0.000544427	0.143116	-6.98733	0.56247	19.82	1.84239	1
cg26465522	MAGEC2	0.00569328	0.105432	0.328276	-3.04673	0.0242064	0.308	-3.24518	0.0648239	0.273704	-3.6807	0.0447207	0.211106	-4.73776	0.00233918	0.0628204	-14.6465	0.704068	0.28575	-3.50069	0.00204991	0.0370777	0.191925	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg09229941	MAGEC2	0.0103578	0.587072	0.829623	-1.20537	0.0388423	0.442752	-2.2586	0.0325982	0.426606	-2.34409	0.00980857	0.328876	-3.04066	0.00041245	0.0131194	76.0502	0.0821028	0.92733	-1.07875	0.427046	-2.34167	0.436077	0.762882	-1.31082	0.00213061	0.229887	4.34996	5.84444	0.7397	1.63342	1
cg07549474	MAGEC2	0.0108269	0.00214019	0.129092	-7.74639	0.0113122	0.221869	-4.50716	0.16335	0.493519	-2.02626	0.0344904	0.310214	-3.22359	0.00233952	0.133118	-7.51215	0.0267903	0.287839	-3.47417	0.587582	0.771103	-1.29684	0.951203	1.02948	1.02948	0.0232514	0.275947	-3.62388	5.76187	20.5622	3.17216	1
cg20133412	MAGEC2	0.0183953	0.0198403	0.2827	-3.53702	0.0302552	0.38	-2.63158	0.0178504	0.236093	-4.23525	0.0112855	0.178892	-5.59122	0.00229504	0.0772359	12.9498	0.740468	0.82575	-1.21069	0.0210496	0.492491	0.0682204	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg10739728	MAGEC2	0.02101555	0.981349	0.979854	-1.02056	0.238888	0.341671	-2.9268	0.16204	0.272591	-3.66849	0.0731813	0.175581	-5.69539	0.0413289	0.128877	7.75932	0.259504	2.78463	2.78463	0.00567291	0.0244529	-23.5555	0.0484723	0.140479	-7.11849	0.00318928	0.030239	-33.3068	4.62586	55.5338	10.6751	1
cg00799368	MAGEC2	0.0182484	0.0182484	0.248104	-4.03071	0.0441124	0.221761	-4.51875	-0.3536	0.303074	-3.30047	0.0192744	0.0192744	-5.18818	0.00309058	0.220391	4.53738	0.0268307	0.266121	-3.75692	0.0001813	0.0050423	0.0050423	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg21209000	MAGEC2;MAGEC2	0.00061595	0.00159709	0.298361	-3.35164	0.735123	1.09492	1.09492	0.0105882	0.423776	-2.35974	0.25044	0.725629	-1.37811	0.000367416	0.217932	5.5886	0.9065	0.969109	-1.03188	0.0983522	1.62275	1.62275	0.178833	1.46434	1.46434	7.87E-05	0.148569	-6.73089	13.4848	15.2312	1.00401	1
cg23815564	MAGEC2;MAGEC2	0.0288294	0.728325	0.871587	-1.14731	0.0495005	0.359547	-2.78128	0.0351806	0.334666	-2.98805	0.0180258	0.277521	-3.60333	0.00528909	0.193944	-5.15614	0.0300005	1.82755	1.82755	0.202306	0.470573	-2.12526	0.679794	0.662637	-1.50912	0.147746	0.547514	-1.82644	4.74887	9.87558	2.01782	1
cg03319267	MAGEC2;MAGEC2	0.00159422	0.00175592	-1.5015	0.000590663	0.576505	0.79638	0.00520953	0.697372	-2.04287	0.0682559	0.673278	0.485277	0.0019823	0.488693	0.259126	3.8E-05	0.0209591	0.308338	0.259126	0.0381	0.10815	0.10815	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	0.00189	1
cg02818322	MAGEC3	0.00339031	0.00449836	0.158944	-6.29152	0.029241	0.287209	-3.48179	0.023327	0.268125	-3.72961	0.00460432	0.160184	-6.24282	0.0304578	0.290782	3.439	0.00385177	0.15087	6.62823	0.000841586	0.0872637	-11.4596	0.274909	1.73617	1.73617	0.00730956	0.186421	-5.36419	0.3118	31.0487	3.32044	1
cg15232885	MAGEC3	0.00377157	0.100786	0.574987	-1.73985	0.351107	0.768865	-1.30057	0.147073	0.407933	-2.45199	0.138199	-1.35465	0.0941161	0.414202	-2.41429	0.407355	0.0314463	3.21515	3.21515	0.0028	0.311028	0.0059566	0.168663	-5.93087	0.023799	0.049	0.049	0.0339696	0.0211238	-47.3365	0.17568	3.8105	1
cg22834521	MAGEC3;MAGEC3	0.00118092	0.0972294	0.594263	-1.68276	0.0013594	0.264651	-3.77985	0.0065351	0.364079	-2.74666	0.00656858	0.224759	-4.44925	0.0151487	0.426038	2.34721	0.0042438	1.93473	2.98728	0.715853	1.11019	1.11019	0.035983	0.497806	-2.00881	0.000317673	0.151846	-6.58562	11.223	14.5332	1.15106	1
cg10296514	MAGEC3;MAGEC3	0.00348541	0.000806858	0.14399	-6.94622	0.128057	0.260403	-1.87941	0.0815351	0.415912	-2.40662	0.0207404	0.34574	-2.90918	0.000376386	0.122679	8.1534	0.0042825	0.2012	4.32857	0.0147404	0.335548	-3.1591	0.34506	0.882382	-1.13273	0.002985838	0.209665	-4.7695	8.13403	19.065	2.6707	1
cg19436099	MAGEC3;MAGEC3	0.00429577	0.0495516	0.485985	-2.14185	0.0135861	0.239017	-4.18404	0.0104994	0.303127	-3.29906	0.0047	0.755589	-1.32347	0.0335573	0.430006	-2.32555	0.0030356	0.861266	-1.16108	0.467083	0.755648	-1.32356	0.365089	0.728804	-1.37213	0.008646388	0.320406	-3.12029	6.03522	15.0781	2.62977	1
cg17928317	MAGEC3;MAGEC3	0.0129527	0.00591051	0.146874	-6.80855	0.0484327	0.300869	-3.3237	0.384908	0.622181	-1.60725	0.0770141	0.150859	-6.62935	0.00635831	0.150771	-6.63258	0.0303656	0.257751	-3.87971	0.0029104	0.112972	-8.85178	0.23132	0.512336	-1.95184	0.00695985	0.153582	-6.51119	5.43661	24.4306	3.99441	1
cg00761453	MAGEC3;MAGEC3	0.0218105	0.0311004	0.384187	-2.60106	0.0313706	0.249987	-4.00301	0.0200547	0.289474	-3.45434	0.0127095	0.184641	-5.41613	0.00477135	0.170995	5.84629	0.0184934	0.158207	-6.31956	0.0014091	0.0185007	0.0185007	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg00730224	MAGEC3;MAGEC3	0.0469102	0.133293	0.475651	-2.10238	0.0409331	0.338733	-2.95217	0.176484	0.517207	-1.93346	0.0163826	0.260228	-3.84279	0.0083192	0.212748	4.7004	0.730796	1.17172	1.17172	0.940608	0.966388	-1.03478	0.88283	1.07001	1.07001	0.0277396	0.303075	-3.29952	3.47091	11.5732	2.96386	1
cg21610983	MAGEC4	0.0039449	0.0039449	0.18204	-5.49231	0.186374	0.813252	-1.22963	0.0808075	1.3357	1.33057	0.166559	0.804407	-1.24315	3.15E-06	0.0195689	5.11015	3.46E-05	0.167941	5.95508	0.0001813	0.0050423	0.0050423	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg13524834	MAGED1	0.00033838238	0.190215	1.27977	1.27972	0.123835	1.34488	1.34488	0.0781144	0.706099	-1.41623	0.653744	1.08358	1.08358	0.904	0.0285	2.28212	0.34544	0.0317651	0.581988	-1.71825	7.45E-05	0.0212795	-6.69935	0.00488014	2.23087	2.23087	0.0603755	0.634156	-1.5769	13.5323	9.9116	0.651056	1
cg08339869	MAGEH1;MAGED1	0.000608231	0.906321	0.975001	-1.02564	0.145438	1.99959	1.99959	0.0304618	0.578726	-1.72793	0.635227	1.10821	1.10821	0.000585696	0.318942	-3.13537	0.0047374	0.179319	5.57483	0.0001813	0.0050423	0.0050423	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg26380904	MAGEH1;MAGED1	0.00474502	0.0491353	0.485157	-2.06145	0.0174405	0.187247	-5.33314	0.0186293	0.185688	-5.38731	0.0079359	0.167289	-5.97739	0.0047975	0.160284	-6.23727	0.0019408	0.10999	9.09091	0.0001813	0.0050423	0.0050423	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	0.0001813	1
cg18942561	MAGED2;MAGED2	0.00387328	0.00904656	0.494382	-2.02271	0.106806	0.594961	-1.68078	0.51091	0.821473	-1.21733	0.0553916	0.527084	-1.89723	0.00029331	0.175483	5.69855	0.0072384	0.359895	-2.77859	0.00623576	0.211834	-4.72068	0.0719578	0.553008	-1.80829	0.0515577	0.520205	-1.92232	7.92899	10.9219	1.22442	1
cg13535037	MAGED2;MAGED2	0.00278084	0.0245615	0.377273

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Error
cg01289112	MAGI2	0.0041158	0.0268613	1.9307	1.9307	0.0372146	1.85243	1.85243	0.057031	1.73136	0.183222	1.43329	0.1249557	1.97406	1.97406	0.013661	0.459551	-2.17604	0.00587788	3.87212	3.87212	0.00663671	2.4549	2.4549	0.2126888	1.39734	1.78518	8.01176	0.914759	1
cg18858240	MAGI2	0.00464767	0.0025689	0.52263	0.52263	0.00249936	0.62372	0.62372	0.0309458	3.11548	3.11548	0.143306	2.02484	2.02484	0.856783	0.426536	-2.34447	0.01162144	4.11627	4.11627	0.00219971	6.8591	6.8591	0.9900029	0.99441	-1.00562	0.184871	1.87906	1.87906	0.75308	2.91616	2.83254	1
cg18078841	MAGI2	0.0087764	0.0369411	11.6373	11.6373	0.040872	10.9195	10.9195	0.194736	4.01194	4.01194	0.138725	5.02401	5.02401	0.043291	0.0949533	-10.5315	0.0246947	15.0131	15.0131	0.00122272	120.499	120.499	0.1164886	0.177721	-5.62679	0.9705571	0.963325	-1.03807	6.16132	100.103	14.4418	1
cg24021956	MAGI2	0.0110076	0.8536907	1.0234	1.0234	0.922279	1.01229	1.01229	0.138007	1.22137	1.22137	0.5685072	1.089377	-1.07483	0.556394	0.07734	1.07734	0.5481171	1.07906	1.07906	0.1040675	0.684171	-1.46162	0.000406502	0.494071	-2.024	0.4588002	1.09903	1.09903	0.57622	1.41929	0.2207004	1
cg18461347	MAGI2	0.0117929	0.0146622	0.25794	-3.87686	0.00545029	5.20002	5.20002	0.483879	0.725542	-1.37828	0.0180991	0.274032	-3.6492	0.391322	0.672959	-1.48597	0.079475	0.415681	-2.40569	0.0652336	0.359221	-2.5431	0.29391	1.63387	1.63387	0.0330558	0.325006	-3.07687	5.60504	18.0526	2.86292	1
cg04322651	MAGI2	0.0129572	0.1322869	0.7141458	-1.40025	0.0183432	1.80904	1.80904	0.891138	1.02877	1.02877	0.973479	1.00691	1.00691	0.000649211	0.338507	-2.95415	0.0788769	0.667536	-1.49805	0.570314	0.8879799	-1.12615	0.443758	1.17553	1.17553	0.886335	1.03632	1.03632	0.603928	1
cg18018828	MAGI2	0.0103901	0.552363	0.917957	-1.08938	0.107668	1.28395	1.28395	0.000824825	2.04867	2.04867	0.920656	1.01429	1.01429	0.617704	1.07426	1.07426	0.0525158	0.730175	-1.36953	0.0588963	0.7380771	-1.35488	0.07804666	1.32147	1.32147	0.6831555	1.06016	1.06016	0.541791	1.73914	0.2855311	1
cg01541787	MAGI2	0.0115843	0.0113844	2.17	2.17	0.0494825	1.3455	1.3455	0.0473024	3.57409	3.57409	0.1205	2.61456	2.61456	1.13242	1.13242	0.254701	1.13756	1.13756	0.0042883	2.54525	2.54525	0.00656897	2.37101	2.37101	0.04329799	1.76247	1.76247	0.9660993	0.989658	-1.01045	5.35272	5.07044	0.8420314	1
cg19435720	MAGI2	0.0139659	0.0156603	-1.15432	0.0320972	2.67739	2.67739	0.0260722	2.83738	2.83738	0.57953	1.24551	1.107206	0.5017034	-1.99321	0.0159561	3.18193	3.18193	0.0289225	2.726	2.726	0.02226655	5.341	5.341	0.1456093	1.84554	1.84554	5.30414	12.9264	2.16625	1
cg10271408	MAGI2	0.0144381	0.0325807	20.8611	20.8611	0.0311731	21.5706	21.5706	0.224311	4.71292	4.71292	0.162525	6.11572	6.11572	0.0500012	0.0662379	-15.0971	0.0298575	22.2873	22.2873	0.00235679	172.94	172.94	0.451126	0.393579	-2.54078	0.6556393	0.58052	-1.72259	5.24641	122.564	20.7658	1
cg04085585	MAGI2	0.0155801	0.0146	15.7893	15.7893	0.0350152	13.3867	13.3867	0.0822077	4.42704	4.42704	0.1655761	5.2859	5.2859	0.1689281	0.4570704	-2.18753	0.3886139	1.64079	1.64079	0.3940569	2.85604	2.85604	0.1455139	-1.16918	0.4212294	0.6310151	-1.58475	0.51599	25.4508	4.49201	1
cg14388864	MAGI2	0.0156606	0.0145638	0.44629	-2.24907	0.783546	0.928154	-1.07699	0.492776	0.82892	-1.20639	0.9970726	0.82892	-1.20639	0.9970726	-1.02144	0.00220228	0.314723	-3.1774	0.02163363	0.457707	-2.20839	0.541733	1.81874	1.81874	0.0828868	0.596161	-1.6774	5.10725	5.86853	1.02139	1
cg27574978	MAGI2	0.0167448	0.0349353	0.536275	-1.86552	0.0197758	3.14627	3.14627	0.540402	1.17412	1.17412	0.114153	0.642388	-1.55693	0.418572	1.23751	1.23751	1.31421	0.110568	1.560208	1.560208	0.0011443	1.0097	4.99667	5.24991	0.9934314	1
cg20048109	MAGI2	0.0172919	0.77737	0.944062	-1.05824	0.108108	0.704386	-1.41968	0.0146265	0.548284	-1.82387	0.129894	1.38686	1.38686	0.197667	1.31285	1.31285	0.0913754	1.45011	1.45011	0.00516367	2.09207	2.09207	0.240565	1.2784	1.2784	0.1227738	0.715845	-1.39695	4.94125	1.32713	0.5625544	1
cg17222941	MAGI2	0.0178445	0.037999	82.1671	82.1671	0.0401836	77.075	77.075	0.16825	14.7479	14.7479	0.285727	7.62953	7.62953	0.0184774	0.0123451	-81.0038	0.0400174	77.4623	77.4623	0.00768891	1284.92	1284.92	?	?	?	0.753223	1.78253	1.78253	0.97981	235.482	47.2873	1
cg14593474	MAGI2	0.0189318	0.0154816	0.25478	-3.9233	0.0335798	2.23123	2.23123	0.0410462	2.12716	2.12716	0.429708	0.869034	-1.15093	0.0004962	0.212578	-4.70348	0.885603	1.04769	1.04769	?	?	?	0.52512	1.23172	1.23172	0.222256	0.660438	-1.51415	4.02002	7.26848	1.47463	1
cg11655410	MAGI2	0.0197416	0.108494	0.3070111	-3.25721	0.1815556	0.3842125	-2.60271	0.0175876	0.142498	-7.01765	0.0131628	0.125761	-7.95162	0.009525544	0.109158	-9.16103	0.0211827	0.154272	-6.4827	0.00496337	0.0813642	-12.2904	0.64296	1.37007	1.37007	0.0910394	0.284929	-3.50965	4.72538	34.0462	6.40441	1
cg03144455	MAGI2	0.0208366	0.0384075	15.0914	15.0914	0.0101627	39.1577	39.1577	0.0407891	14.4662	14.4662	0.250321	3.8928	3.8928	0.184335	0.203276	-4.91942	0.0639157	10.5501	10.5501	0.00591231	58.7843	58.7843	0.147994	0.335132	-2.9839	0.7665017	0.713961	-1.40064	4.63938	94.0567	18.0209	1
cg13691428	MAGI2	0.0229219	0.7124481	1.4644881	1.4644881	0.6463645	0.8084403	-1.23701	0.2575558	0.583047	-1.71513	0.1174291	1.93454	1.93454	0.15994	1.0232	1.0232	0.0644852	2.82356	2.82356	0.0266176	0.266392	-3.75807	0.00266173	0.666785	0.667785	0.954126	0.974074	-1.02662	4.51734	34.9162	2.93509	1
cg21563078	MAGI2	0.0232524	0.00104136	0.361764	-2.76424	0.77018	0.940543	-1.06322	0.434118	1.18194	1.18194	0.553392	1.13379	1.13379	0.363948	0.8225206	-1.2158	0.0270754	0.578056	-1.72994	0.947005	1.01402	1.01402	0.324455	1.23753	1.23753	0.193684	1.33181	1.33181	0.446801	3.10403	0.617532	1
cg02979760	MAGI2	0.0239956	0.0431643	0.91027	0.91027	0.0253945	1.05227	1.05227	0.0270787	3.57205	3.57205	0.161865	15.163	15.163	0.0051389	0.0151247	-46.2435	0.0521404	55.7557	55.7557	0.00245457	784.719	784.719	0.0743164	0.465092	-2.14873	0.872285	1.34085	1.34085	0.41668	231.923	46.6446	1
cg07448060	MAGI2	0.0244367	0.170887	1.16718	1.16718	0.507499	0.931195	-1.07389	0.798369	0.973225	-1.02751	0.296636	0.861691	-1.16057	0.895314	1.05321	1.05321	0.980614	-1.01405	0.189018	1.15897	1.15897	0.0178303	0.624083	-1.60235	0.238915	1.1397	1.1397	0.0315802	0.30637	3.30637	0.178864	0.158245	1
cg19366753	MAGI2	0.0249128	0.1814241	1.465937	1.465937	0.1117322	0.7121	-1.40404	0.0195237	0.2883	-3.46878	0.0222469	0.8356632	-1.19657	0.3116866	0.4314524	-2.31821	0.7548521	1.1586	1.1586	0.1586	0.7488553	-1.33591	0.6109568	1.0034415	2.85404	2.85404	0.2191656	1.06505	1.06505	0.464011	5.09237	1.60925	1
cg12025522	MAGI2	0.0297795	0.0525307	26.7346	26.7346	0.0317837	42.5872	42.5872	0.204401	7.36208	7.36208	0.158827	9.44004	9.44004	0.1994951	0.1325754	-7.5429	0.0593878	23.8633	23.8633	0.00512585	247.612	247.612	0.3715722	0.2547246	-3.92579	0.374311	2.25683	-3.89363	4.09755	144.198	31.2812	1
cg18532190	MAGI2	0.0304935	0.0409133	24.8319	24.8319	0.0209313	43.926	43.926	0.149644	8.18988	8.18988	0.175126	7.12067	7.12067	0.224131	0.173841	-5.75238	0.0348414	28.4494	28.4494	0.00611283	130.483	130.483	0.520337	0.411875	-2.42792	0.747445	0.644156	-1.55242	4.06328	119.252	26.0882	1
cg25914921	MAGI2	0.0353307	0.0445958	22.4253	22.4253	0.0265374	37.9713	37.9713	0.2533	7.87437	7.87437	0.184495	5.42337	5.42337	0.1844955	0.1835636	-5.44875	0.0159968	15.5768	15.5768	0.00219926	10.8801	10.8801	0.0523832	1.50441	3.50441	0.0962273	2.8315	2.8315	1.83599	19.818	4.57086	1
cg08641579	MAGI2	0.0401394	0.2535379	1.19991	1.19991	0.159937	0.794926	-1.25798	0.00364696	1.8241	1.8241	0.211066	1.22312	1.22312	0.346952	0.8624403	-1.15955	0.6966916	0.941937	-1.06165	0.0559145	0.718191	-1.39239	0.242701	1.20548	1.20548	0.511248	1.1072	1.10721	0.67842	1.3611	0.32891	1
cg19434015	MAGI2	0.0404013	0.0336855	5.13991	5.13991	0.0270753	8.78667	8.78667	0.0882041	3.34313	3.34313	0.415619	1.1108	1.1108	0.0222288	0.6958247	-1.43707	0.0838273	3.15477	3.15477	0.00815697	4.19768	4.19768	0.1129054	0.6952	1.6952	0.0653676	3.92111	3.92111	0.636261	25.3126	6.0537	1
ch.7.17146079	MAGI2	0.0468315	0.0917606	0.480348	-2.08182	0.2508403	0.349072	-2.86474	0.0462002	0.4066	-2.45492	0.0140557	0.301958	-3.31171	0.007599977	0.260874	-3.83326	0.3133453	0.674338	-1.48294	0.11274	0.50567	-1.97753	0.82753	0.974341	-1.09	0.8281151	1.08966	1.08966	0.147311	0.58064	2.19608	1
cg12258161	MAGI2	0.0479769	0.0220344	0.811624	-1.2321	0.500943	1.05329	1.05329	0.108416	1.14236	1.14236	0.793204	1.02017	1.02017	0.831256	0.983913	-1.01635	0.9158134	0.991998	-1.00807	0.00900567	0.776947	-1.28709	0.84771	1.01472	1.01472	0.0716568	1.16516	1.16516	0.34166	0.4146	0.0813178	1
cg24142117	MAGI2	0.0490149	0.480382	1.07495	1.07495	0.3629171	1.12317	1.12317	0.0232819	1.74798	1.74798	0.0389034	2.89026	2.89026	0.0651389	0.6051247	-1.65277	0.1291646	2.07072	2.07072	0.0190597	3.42826	3.42826	0.0731368	2.28299	2.28299	0.0731363	2.42823	2.42823	0.111088	2.16206	0.6548	0.277411	1
cg06809544	MAGI2	0.0494086	0.844395	1.03435	1.03435	0.436646	1.14611	1.14611	0.00183175	2.13998	2.13998	0.584006	1.09969	1.09969	0.200438	1.19292	1.19292	0.0787348	0.714954	-1.39869	0.186568	1.2708	1.2708	0.526222	0.895508	-1.11668	0.940516	1.01291	1.01291	0.943108	1.59196	0.415774	1
cg15978244	MAGI2	0.216E-05	0.0148963	1.76795	1.76795	0.0102032	0.5193583	-1.92561	0.0000147	0.1884	-5.30811	0.0000147	0.1884	-5.30811	0.0000147	0.1884	-5.30811	0.0000147	0.1884	-5.30811	0.0000147	0.1884	-5.30811	7.20E-07	0.1884	-5.30811	0.0000147	0.1884	-5.30811	0.0000147	0.1884	-5.30811	0.0000147	0.1884	-5.30811	1
cg05712793	MAGI3;MAGI3	0.00040917	0.0014542	0.309962	-3.2262	0.0268189	0.512745	-1.95029	0.546463	1.16816	1.16816	0.785553	0.932899	-1.07193	4.20E-05	0.137288	-7.28397	0.00067955	0.286255	3.49339	0.000242869	0.213226	-4.68985	0.643425	1.8880057	-1.12605	0.00468062	0.383843	-2.60523	15.106	15.5173	0.913088	1
cg06802056	MAGI3;MAGI3	0.00554627	0.300112	0.741029	-1.34947	0.987531	0.995548	-1.00437	0.122047	1.59645	1.59645	0.286615	1.36187	1.36187	0.858014	1.05125	1.05125	0.123539	0.627749	-1.59299	0.363385	0.7726881	-1.29418	0.000103321	0.80215	0.802215	0.0549231	-1.05348	0.709124	0.777196	1.09678	1
cg19530526	MAGI3;MAGI3	0.0163055	0.0262393	0.468597	-2.13452	0.0242838	0.642833	-1.55627	0.0110353	0.2871	-3.48278	0.0221469	0.8356632	-1.19657	0.3116866	0.4314524	-2.31821	0.1036545	0.754462	-1.32567	0.0313986	0.4554153	-2.19578	0.0200182	0.4955103	2.01994	2.01994	0.0238277	-1.60284	0.542627	0.8069	0.139495	1
cg01364122	MAGI3;MAGI3	0.0344281	0.170331	0.536066	-1.86544	0.290105	0.625755	-1.59807	0.00170653	0.147694	-6.77077	0.720034	0.857555	-1.16611	0.211577	0.570114	-1.75403	0.520271	1.32084	1.32084	0.00809252	0.235048	-4.25445	0.170548	0.536257	-1.86478	0.653849	0.824711	-1.21255	3.89023	11.2324	2.56651	1
cg18539474	MAGI3;MAGI3	0.0407347	0.0207442	0.2662	-3.75648	0.0176567	1.19667	1.19667	0.583251	1.11587	1.11587	0.414557	1.17924	1.17924	0.1727402	1.16064	1.16064	0.1113884	1.77201	1.77201	0.00145027	0.0143703	0.0024224	-2.48605	0.165733	1.92304	-1.18904	0.784656	0.737871	0.548816	-1.82241	0.0748	0.0148	1
cg20616821	MAGI3;MAGI3	0.0413731	0.326989	0.834443	-1.1984	0.0677374	1.87531	1.87531	0.490101	1.13359	1.13359	0.512061	1.1263	1.1263	0.0219218	0.575929	-1.73632	0.0724562	0.698724	-1.43118	0.628759	1.09105	1.09105	0.4964	0.883805	-1.13147	0.489653	0.880236	-1.13374	3.78567	5.91805	0.450366	1
cg02971064	MAGI3;MAGI5;MAGI3;MAGI5	3.09E-05	0.383435	0.894626	-1.11779	0.650902	0.944826	-1.0584	9.05E-06	0.30202	-3.31104	0.194052	1.18671	1.18671	1.55E-06	0.20769	-4.81486	0.3849111	1.01821	1.01821	0.222165	1.17333	1.17333	0.560346	0.929265	-1.07612	0.5748355	0.931825	-1.07316	30.2276	7.43095	0.218518	1
cg17670641	MAGI3;MAGI5;MAGI3;MAGI5	0.00062509	2.25E-05	0.8008242	1.24852	0.0482358	0.792082	-1.26262	0.0001453	0.09525	-10.4993	0.0001453	0.095253	-10.4993	0.0001453	0.095253	-10.4993	0.0001453	0.095253	-10.4993	0.0001453	0.095253	-10.4993	0.0002026799	0.1326	-7.54149	0.0026496	0.0888428	0.312167	-3.20342	0.00859983	0.331037	-3.02098	0.4389666	0.770005	1.29718	0.345	1
cg25258879	MAGI3;MAGI5;MAGI3;MAGI5	0.00296377	0.00030845	0.0660739	-15.1346	0.00318742	0.154398	-6.47676	0.38408	1.5129	1.5129	0.507197	1.36636	1.36636	0.042816	0.358554	3.09055	0.0015746	0.121734	-8.21467	0.0294004	0.304453	-3.28457	0.0901731	0.420486	-2.3782	0.444709	0.696668	-1.43554	5.58007	29.2761	3.02981	1
cg14029629	MAGI3;MAGI5;MAGI3;MAGI5	0.0042453	0.0004403	0.0055802	-18.0853	0.0024805	0.403455	-2.48015	0.0131973	0.160693	-6.22452	0.0048258	0.316602	-3.15827	0.0048258	0.316602	-3.15827	0.0048258	0.316602	-3.15827	0.0048258	0.316602	-3.15827	0.0010748	0.1107	-9.03707	0.0048258	0.316602	-3.15827	0.0048258	0.316602	-3.15827	0.0048258	0.316602	-3.15827	1
cg04669465	MAGI3;MAGI5;MAGI3;MAGI5	0.00508015	0.00340079	3.75032	3.75032	0.904225	0.960824	-1.04077	0.617855	1.18174	1.18174	0.29742	1.43137	1.43137	0.415453	0.758554	-1.3183	0.2464413	1.49545	1.49545	0.000394003	6.51595	6.51595	0.00530351	3.38692	3.38692	0.0145449	2.71637	2.71637	7.30304	12.7489	1.55173	1
cg26985119	MAGI3;MAGI5;MAGI3;MAGI5	0.00652634	0.0009952	0.111923	-8.9347	0.0129139	0.680727	-1.46903	0.0629888	0.80855	-1.23693	0.4510205	1.34795	1.34795	0.1802925	0.915638	-1.09213	0.0010545	0.152113	-6.57407	0.0010949	0.1524	-6.56227	0.0001755	0.551464	-1.81335	0.544004	0.973253	-1.02748	4.76088	16.181	2.1274	1
cg01282661	MAGI3;MAGI5;MAGI3;MAGI5	0.0167393	0.1763672	1.73367	1.73367	0.384056	0.731907	-1.36642	0.0004795	0.24969	-4.00645	0.0140557	0.301958	-3.31171	0.007599977	0.260874	-3.83326	0.3133453	0.674338	-1.48294	0.11274	0.50567	-1.97753	0.82753	0.974341	-1.09	0.8281151	1.08966	1.08966	0.147311	0.58064	2.19608	1
cg10277365	MAGI3;MAGI5;MAGI3;MAGI5	0.0119534	0.0112241	0.141682	-7.05807	0.893113	0.945985	-1.0571	0.910475	0.954604	-1.04755	0.478064	0.742363	-1.34705	0.265671	0.61934	-1.61462	0.0010678	0.135797	-7.36394	0.0515263	0.640325	-2.49797	0.22538	0.5910151	-1.692	0.616805	1.23168	1.23168	0.538054	15.079	2.40184	1
cg24336035	MAGI3;MAGI5;MAGI3;MAGI5	0.0166822	0.0076598	1.859996	1.859996	0.0392711	0.668887	-1.49521	0.0142418	0.865654	-1.15561	0.4644567	0.925859	-1.08007	0.1404219	0.7121454	-1.40453	0.0010545	0.152113	-6.57407	0.0010949	0.1524	-6.56227	0.0001755	0.551464	-1.81335	0.544004	0.973253	-1.02748	4.76088	16.181	2.1274	1
cg16546861	MAGI3;MAGI5;MAGI3;MAGI5	0.016788	0.0027508	2.214109	-4.67052	0.136764	0.549936	-1.81839	0.920125	0.963275	-1.03812	0.523121	0.785561	-1.27297	0.0043546	0.241459	4.1415	0.0855978	0.492223	-2.0316	0.0883903	2.0164	2.0164	0.539046	1.26111	1.26111	0.527332	1.26986	1.26986	0.490308	10.9884	1.95904	1
cg12644923	MAGI3;MAGI5;MAGI3;MAGI5	0.0461364	0.112624	2.57447	2.57447	0.0760102	0.9193583	-1.02698	0.239878	0.537661	-1.93177	0.138622	0.426344	-2.34622	0.0899753	0.715371	-1.70219	0.427546	1.5425	1.5425	0.4487481	1.458512	1.45852	0.154908	2.26205	2.26205	0.1479528	1.9036	1.9036	0.9427	4.0911	0.9	1
cg06663923	MAGI3;MAGI5;MAGI3;MAGI5;MAGI3;MAGI5;MAGI4;MAGI5	0.0460404	0.850706	0.942911	-1.06093	0.0849447	0.551951	-1.81175	0.0000001	0.963798	-1.0389	0.7717703	0.892913	-1.11993	0.006337	0.329955	-3.03071	0.0795673	0.544946	-1.83504	0.0977907	1.76454	1.76454	0.0267004	0.440814	-2.26853	0.7231221	1.11737	1.11737	1.34822	5.37234	1.37019	1
cg21907582	MAGI4;MAGI3	0.011528	0.0139439	4.55389	4.55389	0.263505	0.557777	-1.79283	0.35489	0.621837	-1.60814	0.137903	0.485622	-2.05922	0.0813746	0.381242	-2.62301	0.0379065	3.52524	3.52524	0.00347941	7.23862	7.23862	0.0622805	2.85072	2.85072	0.108573	2.39579	2.39579	0.54641	22.2827	3.50787	1
cg13094926	MAGOH	4.55E-06	0.4393144	1.12295	1.12295	2.49E-06	0.187005	-5.34746	0.000133614	0.377834	-2.64667	0.00157312	0.512998	-1.94933	0.0461017	1.39934	1.39934	2.07E-05	0.282796	-3.53612	9.68E-06	4.05558	4.05558	0.353876	0.869156	-1.15054	7.13E-05	0.344918	-2.89924	49.7309	17.0237	0.304281	1
cg18153869	MAGOH	0.0037403	0.0057998	0.183676	-5.44511	0.143069	1.61917	1.61917	0.6738	1.78416	-1.13841	0.00885028	2.71507	2.71507	0.121216	0.5978303	-1.67279	0.5563339	1.19422	1.19422	0.0003665536	0.191198	-5.23019	0.113857	1.69335	1.69335	0.4742631	0.799572	-1.25067	0.82555	11.8972	3.1199	1
cg10123733	MAGOH	0.0170815	0.0118197	0.570905	-1.7516	0.705341	1.07008	1.07008	0.00864706	1.81649	1.81649	0.0194485	0.604263	-1.65491	0.41192	0.861053	-1.16137	0.087966	1.39002	1.39002	0.125043	1.34457	1.34457	0.316666	1.20272	1.20272	0.487256	1.88143	1.88143	0.294154	2.49854	0.447628	1
cg11841758	MAGOH	0.0282553	0.147386	1.12494	1.12494	0.0995198	1.1465	1.1465	0.382825	1.07012	1.07012	0.636955	1.03666	1.03666	0.00459658	0.751516	-1.33064	0.2534204	0.913593	-1.09458	0.123718	1.13457	1.13457	0.362237	1.07349	1.07349	0.0246107	1.22471	1.22471	4.17441	0.379143	0.0807334	1
cg19301455	MAGOH	0.0301453	0.853753	1.04195	1.04195	0.626663	1.027167	-1.03333	0.208207	1.74475	-1.14377	0.0878765	1.10458	1.10458	0.0127464	0.9052732	-1.10463	0.5347702	1.09049	1.09049	0.962184	1.01062	1.01062	0.8683688	0.407246	2.46	-2.11754	0.00378434	0.418957	-2.38588	0.2171919	1.14021	1.14021	0.479782	1.04044	0.698144	1
cg16348807	MAGOH	0.0417808	0.760819	1.06363	1.06363	0.848577	0.822878	-1.21525	0.0525162	0.640548	-1.56116	0.082127	1.47574	1.47574	0.0113834	0.538513	-1.85696	0.595987	0.897527	-1.11417	0.633567	0.9085756	-1.10062	0.08146426	1.47726	1.47726	0.0620713	1.52874	1.52874	0.362435	2.34333	0.574712	1
cg03208983	MAGOH	4.54E-05	0.1322.05	0.4804547	2.08182	0.2508403	0.349072	-2.86474	0.0462002	0.4066	-2.45492	0.0140557	0.301958	-3.31171	0.007599977	0.260874	-3.83326	0.3133453	0.674338	-1.48294	0.11274	0.50567	-1.97753	0.82753	0.974341	-1.09	0.8281151	1.08966	1.08966	0.147311	0.58064	2.19608	1
cg19570943	MAGOH	6.63E-05	0.0941769	0.619292	-1.61475	0.649962	0.887653	-1.12657	0.000522476	0.224293	-4.45845	0.20576	0.707992	-1.41244	0.0371905	0.529683	-1.88792	1.39E-05	0.0711911	-14.0467	0.298401	0.757228	-1.32061	2.70E-06	0.03427703	-29.1798	0.379407	0.792728	-1.26147	32.7759	33.4555	0.793905	1
cg07118069	MAGOH	0.000282883	4.72E-05	0.122521	-8.16186	8.76E-05	0.854408	0.854408	0.0458364	1.8712	1.8712	0.755084	1.08943	1.08943	0.290101	1.34619	1.34619	0.0222286	0.472264	-2.11746	0.446006	1.23694	1.23694	0.145302	1.5341	1.5341	0.116833	1.59419	1.59419	0.167666	19.8376	1.05484	1
cg26094715	MAGOH	0.0028839	0.0020115	0.4054232	-2.46703	0.0263181	0.490

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23866687	MAML2	0.0108433	0.0266507	0.116284	-8.5996	0.0211614	0.103269	-9.68347	0.345843	0.451469	-2.21499	0.0522295	0.163877	-6.10212	0.000655717	0.0138793	-72.0498	0.0208668	0.102523	-9.75388	0.0123997	0.0781136	-12.8019	0.0356351	0.134903	-7.41276	0.0279461	0.119148	-8.3929	5.75907	61.2012	9.44616	1
cg01806722	MAML2	0.0109732	0.239953	0.738577	-1.35396	0.56457	1.15422	1.15422	0.207479	0.720824	-1.3873	0.990407	0.997043	-1.00297	0.0021094	0.34481	-2.90015	0.00671768	0.42076	-2.37665	0.0225772	0.510394	-1.95927	0.979062	1.00648	1.00648	0.00282085	0.363078	-2.75423	5.73702	5.51113	0.853889	1
cg03939054	MAML2	0.0113828	0.672115	1.10329	1.10329	0.215333	1.35138	1.35138	0.0836079	1.55603	1.55603	0.117544	1.48067	1.48067	0.290153	1.28851	1.28851	0.12433	0.680979	-1.46847	0.353416	1.24665	1.24665	0.00049303	0.283703	-3.52481	0.804954	1.05879	1.05879	5.6696	4.78708	0.750526	1
cg16509158	MAML2	0.0130772	0.214613	1.2155	1.2155	0.344882	1.15643	1.15643	0.0580675	1.37713	1.37713	0.0313248	1.45837	1.45837	0.366084	0.870475	-1.1488	0.355339	1.15261	1.15261	0.00109512	2.05317	2.05317	0.0303132	0.683604	-1.46283	0.56424	0.916612	-1.09097	5.41965	1.91545	0.314157	1
cg26986443	MAML2	0.0133565	0.0257955	0.488265	-2.04807	0.114163	0.627901	-1.59261	0.00736402	0.392461	-2.54802	0.140813	0.651162	-1.53572	0.00376894	0.346892	-2.88274	0.0142499	0.441016	-2.26749	0.0168456	0.453967	-2.2028	0.067636	0.574405	-1.74093	0.00441814	0.357391	-2.79806	5.38232	6.25159	1.03245	1
cg24587208	MAML2	0.0160426	0.0373741	0.683331	-1.46342	0.00620425	0.56982	-1.75494	0.177654	0.797882	-1.25332	0.0647858	0.721152	-1.38667	0.345224	1.16559	1.16559	0.65722	1.07293	1.07293	0.00764138	1.71686	1.71686	0.665873	0.933816	-1.07087	0.104793	0.756227	-1.32235	5.06651	1.99342	0.349734	1
cg03406626	MAML2	0.0168267	0.020536	0.487146	-2.05277	0.0503828	0.562824	-1.77675	0.941607	1.01906	1.01906	0.102657	0.631144	-1.58443	0.00182384	0.319267	-3.13218	0.0855253	0.612729	-1.63204	0.77172	1.07785	1.07785	0.915995	0.973175	-1.02756	0.00480665	0.381265	-2.62284	4.98654	5.24531	0.935017	1
cg18925664	MAML2	0.0182116	0.0763357	0.532364	-1.87841	0.00181871	0.242417	-4.12512	0.00781818	0.335697	-2.97888	0.380595	0.750101	-1.33315	0.043517	0.476081	-2.10048	0.104281	0.566782	-1.76435	0.0124789	0.370157	-2.70156	0.501105	0.80387	-1.24398	0.0212784	0.412687	-2.42314	4.856	7.86168	1.43908	1
cg26328687	MAML2	0.0191787	0.0114368	0.210394	-4.75299	0.444107	0.680948	-1.46854	0.726982	0.841439	-1.18844	0.123275	0.439424	-2.27571	0.0209357	0.254491	-3.92941	0.758508	0.859088	-1.16403	0.00161223	0.107837	-9.27329	0.00890423	0.194126	-5.15129	0.160295	0.477679	-2.09346	4.77193	18.3339	3.41514	1
cg03916783	MAML2	0.0194896	0.0283935	0.783857	-1.27574	0.487566	1.06864	1.06864	0.137038	0.860052	-1.16272	0.452725	0.930526	-1.07466	0.00319568	0.684617	-1.46067	0.0256657	1.28336	1.28336	0.188645	0.877125	-1.14009	0.437991	1.07731	1.07731	0.0839015	0.835237	-1.19727	4.74601	0.665998	0.124736	1
cg14107975	MAML2	0.0268684	0.973801	0.994182	-1.00585	0.18807	1.28125	1.28125	0.34767	0.842143	-1.18745	0.319829	1.2004	1.2004	0.191707	0.782257	-1.27835	0.134417	1.33214	1.33214	0.00102018	0.420878	-2.37598	0.496375	0.884519	-1.13056	0.585701	1.10274	1.10274	4.24894	2.12444	0.444438	1
ch.11.2004977F	MAML2	0.027593	0.00416182	0.0838376	-11.9278	0.0167793	0.152012	-6.57842	0.0295751	0.191403	-5.22459	0.0102925	0.124074	-8.0597	0.0577714	0.250412	-3.99341	0.277275	0.482255	-2.07359	0.133406	0.35173	-2.84309	0.124923	0.3423	-2.92141	0.0293286	0.190758	-5.24225	4.20942	27.7718	5.86447	1
cg22390023	MAML2	0.0306598	0.291939	0.737359	-1.35619	0.769927	0.921534	-1.08515	0.720771	0.904833	-1.10518	0.392947	0.78361	-1.27615	0.00164796	0.284967	-3.50918	0.0289775	0.488052	-2.04896	0.277062	0.729796	-1.37025	0.497402	0.825338	-1.21163	0.00634693	0.371567	-2.69131	4.05534	4.98648	1.09299	1
cg24088496	MAML2	0.0323309	0.0197067	0.103213	-9.68874	0.0199603	0.103888	-9.62579	0.0996611	0.233431	-4.28392	0.0734629	0.200072	-4.99821	0.0130088	0.0833628	-11.9958	0.193379	0.329669	-3.03334	0.00960976	0.0711444	-14.0559	0.057864	0.177484	-5.63432	0.0225344	0.110497	-9.05006	3.97919	40.9666	9.15129	1
cg22637890	MAML2	0.0338259	0.00731442	0.165586	-6.03916	0.0748448	0.356394	-2.80588	0.301504	0.573134	-1.74479	0.0706098	0.349723	-2.8594	0.0112288	0.191694	-5.21666	0.0405715	0.292385	-3.42014	0.0119503	0.195758	-5.10836	0.694143	0.814233	-1.22815	0.0551615	0.322878	-3.09715	3.91508	16.7656	3.80651	1
cg08141395	MAML2	0.0343116	0.0485187	0.153368	-6.52026	0.00541964	0.0476151	-21.0017	0.00869952	0.0619447	-16.1434	0.187969	0.31327	-3.19213	0.113791	0.23899	-4.18427	0.518766	0.580314	-1.7232	0.115864	0.241284	-4.14449	0.361308	2.18293	2.18293	0.0461914	0.149523	-6.68793	3.895	42.6931	9.74313	1
cg04200485	MAML2	0.0349431	0.0503418	0.443649	-2.25404	0.160651	0.579287	-1.72626	0.16332	0.581564	-1.7195	0.847567	1.07263	1.07263	0.00610319	0.271432	-3.68416	0.870748	1.06112	1.06112	0.451332	1.32257	1.32257	0.0840895	2.00633	2.00633	0.0276638	0.387332	-2.58177	3.86941	8.13371	1.86849	1
cg12370174	MAML2	0.0378051	0.164669	0.512111	-1.9527	0.0315414	0.320369	-3.1214	0.112817	0.458792	-2.17964	0.0361144	0.332801	-3.0048	0.00569682	0.194592	-5.13897	0.131779	0.479802	-2.08419	0.0117663	0.241623	-4.13868	0.799894	0.891667	-1.1215	0.0352328	0.330499	-3.02573	3.7602	12.1361	2.86889	1
cg03044533	MAML2	0.042212	0.0273429	0.173169	-5.77471	0.0541401	0.230391	-4.34046	0.32643	0.506374	-1.97482	0.532767	0.654196	-1.52859	0.00646368	0.0927171	-10.7855	0.133425	0.337134	-2.96618	0.0216658	0.156982	-6.37015	0.701555	1.29514	1.29514	0.0272044	0.1728	-5.78704	3.61058	25.7954	6.35059	1
cg15168000	MAML2	0.0469363	0.0344678	0.38024	-2.62992	0.213985	0.598698	-1.67029	0.873561	0.939468	-1.06443	0.903251	1.04883	1.04883	0.00474498	0.229822	-4.3512	0.0709523	0.453395	-2.20558	0.396018	0.711207	-1.40606	0.250361	1.60151	1.60151	0.038076	0.389588	-2.56681	3.47019	8.44867	2.16413	1
cg01699906	MAML2	0.0490124	0.780314	0.963303	-1.03809	0.393019	0.889585	-1.12412	0.00327156	1.7092	1.7092	0.524923	0.917458	-1.08997	0.284232	1.16038	1.16038	0.0983452	0.784737	-1.27431	0.0737523	0.766031	-1.30543	0.739392	1.04565	1.04565	0.84155	1.02713	1.02713	3.41389	0.96672	0.251709	1
cg18727239	MAML2;MAML2	0.0011331	0.770167	0.948046	-1.0548	0.790366	0.952636	-1.04972	7.90E-05	0.272648	-3.66774	0.131866	1.34473	1.34473	0.0541149	1.48899	1.48899	0.0375638	1.55177	1.55177	0.00318251	0.480176	-2.08257	0.197136	1.28186	1.28186	0.0662932	1.45516	1.45516	11.356	5.96519	0.466923	1
cg15975217	MAML3	2.97E-07	0.116792	0.725874	-1.37765	0.00258548	2.1928	2.1928	4.36E-07	14.7391	14.7391	2.84E-07	17.1623	17.1623	0.514793	0.883209	-1.13224	9.60E-05	3.68825	3.68825	8.06E-08	28.2463	28.2463	0.274745	1.2382	1.2382	2.74E-07	17.3882	17.3882	99.858	55.9087	0.497673	1
cg00875805	MAML3	4.50E-07	0.592075	0.896758	-1.11513	0.490911	0.868522	-1.15138	4.32E-07	17.9228	17.9228	9.85E-07	13.3806	13.3806	0.518665	0.876502	-1.1409	0.0410121	1.60813	1.60813	1.01E-07	32.4251	32.4251	0.405671	1.18696	1.18696	4.03E-07	18.3923	18.3923	89.8921	57.7832	0.571383	1
cg01347682	MAML3	2.85E-06	0.600358	1.11701	1.11701	0.00748413	2.0559	2.0559	7.99E-07	15.946	15.946	6.56E-06	8.16563	8.16563	0.673133	0.915013	-1.09288	0.00642664	2.10015	2.10015	8.23E-07	15.7754	15.7754	0.472964	0.858306	-1.16509	4.72E-06	8.97094	8.97094	56.0959	38.9287	0.61686	1
cg22069286	MAML3	1.48E-05	0.836157	0.978232	-1.02225	0.149987	1.17823	1.17823	4.17E-07	0.216641	-4.61593	0.655739	0.953434	-1.04884	2.03E-05	0.400223	-2.49861	0.210779	0.869243	-1.15043	0.000200848	0.515228	-1.94089	0.244835	1.13802	1.13802	0.0589522	0.797194	-1.2544	36.627	6.55163	0.159	1
cg12426146	MAML3	1.84E-05	0.467677	0.881471	-1.13447	0.00126685	2.23234	2.23234	6.33E-06	5.5895	5.5895	0.00117504	2.2544	2.2544	0.0190324	0.615921	-1.62358	0.309174	1.19683	1.19683	9.51E-06	5.10264	5.10264	0.0116514	0.583768	-1.71301	4.39E-05	3.75372	3.75372	34.5983	15.9711	0.410325	1
cg02876341	MAML3	0.000662235	0.255047	0.826547	-1.20985	0.0254407	0.653269	-1.53076	0.00105978	0.460213	-2.17291	0.179301	1.25693	1.25693	0.0149268	0.618871	-1.61585	0.539169	1.1048	1.1048	1.82E-05	0.246162	-4.06237	0.462643	0.887046	-1.12734	0.0331797	0.670882	-1.49057	13.2145	5.37848	0.361788	1
cg24269991	MAML3	0.00100211	0.702633	0.91864	-1.08857	0.18197	0.730938	-1.36811	0.531153	0.869059	-1.15067	0.0555722	1.61601	1.61601	0.00153932	0.364928	-2.74026	0.957252	0.988211	-1.01193	0.131847	0.697791	-1.43309	0.0568942	1.6108	1.6108	3.80E-05	0.173927	-5.74953	11.7595	9.11583	0.689057	1
cg01410531	MAML3	0.00124746	0.526235	0.949785	-1.05287	0.481314	1.05911	1.05911	0.0709736	1.17567	1.17567	0.289044	1.09231	1.09231	0.122825	0.874478	-1.14354	0.70024	0.969441	-1.03152	0.00476665	1.35072	1.35072	0.757773	0.975487	-1.02513	2.50E-05	1.95749	1.95749	11.0487	1.12628	0.0906113	1
cg07099565	MAML3	0.00193149	0.403969	0.850067	-1.17638	0.979588	0.995145	-1.00488	0.000792655	0.38126	-2.62288	0.0337889	0.62408	-1.60236	0.110073	0.717999	-1.39276	0.335888	0.827991	-1.20774	0.00595504	0.504582	-1.98184	0.478332	0.871873	-1.14696	6.94E-05	0.250965	-3.98461	9.74024	5.58167	0.50938	1
cg11408211	MAML3	0.00340418	0.162056	0.777177	-1.28671	0.0575263	1.4372	1.4372	6.35E-05	0.288612	-3.46486	0.116791	0.749965	-1.33339	0.260129	0.82009	-1.21938	0.138182	0.763727	-1.30937	0.153456	0.772527	-1.29445	0.877746	1.02633	1.02633	0.528188	1.11395	1.11395	8.24194	3.72186	0.4014	1
cg20054111	MAML3	0.00468404	0.00450795	0.252673	-3.95768	0.208216	0.617448	-1.61957	0.00148961	0.18924	-5.28429	0.530808	0.793961	-1.25951	0.00231472	0.212984	-4.69518	0.0329952	0.4041	-2.47464	0.00358227	0.238452	-4.19372	0.297534	1.4806	1.4806	0.029619	0.394331	-2.53594	7.48602	15.6565	1.85906	1
cg18127159	MAML3	0.00740867	0.0270129	0.427231	-2.34065	0.127896	0.585899	-1.70678	0.621982	0.850939	-1.17517	0.316668	0.714463	-1.39965	0.000247595	0.140113	-7.13709	0.783475	1.09359	1.09359	0.0903837	0.545491	-1.83321	0.71005	1.12896	1.12896	0.00487011	0.297502	-3.36132	6.49889	10.8581	1.48512	1
cg07735577	MAML3	0.00770569	0.42866	1.17761	1.17761	0.25347	0.785601	-1.27291	0.000564226	0.339128	-2.94873	0.995799	0.998935	-1.00107	0.00516962	0.473793	-2.11063	0.824346	0.956018	-1.04601	0.0617703	0.653344	-1.53059	0.218932	1.29901	1.29901	0.0176933	0.557817	-1.7927	6.41932	4.1621	0.57633	1
cg02953590	MAML3	0.0103585	0.67021	0.96021	-1.04144	0.0226152	1.2953	1.2953	0.0715962	1.21008	1.21008	0.00540839	0.706794	-1.41484	0.738723	1.03224	1.03224	0.217575	1.13083	1.13083	0.173192	0.871647	-1.14725	0.00910066	1.36902	1.36902	0.0252153	1.28694	1.28694	5.84433	0.831547	0.126474	1
cg26807831	MAML3	0.0160975	0.00176244	0.329005	-3.03946	0.0343063	1.85163	1.85163	0.405528	0.808696	-1.23656	0.256636	0.744222	-1.34369	0.00975646	0.442439	-2.2602	0.904565	0.970517	-1.03038	0.0554363	0.581777	-1.71887	0.174888	0.697667	-1.43335	0.351477	0.787219	-1.27029	5.06075	4.98962	0.876396	1
cg22722731	MAML3	0.0170651	0.103981	0.728833	-1.37206	0.0782848	1.4163	1.4163	0.00668945	0.534751	-1.87003	0.583746	1.10347	1.10347	0.0774387	0.705212	-1.41801	0.942161	1.01299	1.01299	0.00316824	0.48806	-2.04893	0.314794	1.20317	1.20317	0.299929	0.826016	-1.21063	4.96314	2.48869	0.445719	1
cg02365754	MAML3	0.0185739	0.306306	0.828402	-1.20714	0.0455952	0.665349	-1.50297	0.990796	1.00205	1.00205	0.0286573	1.58221	1.58221	0.0812654	1.4099	1.4099	0.268174	0.814647	-1.22753	0.00728896	1.84984	1.84984	0.069439	0.696997	-1.43473	0.10826	1.36538	1.36538	4.82386	2.41363	0.444758	1
cg03418002	MAML3	0.0186493	0.140991	2.03951	2.03951	0.00339771	6.00439	6.00439	0.0685592	2.50365	2.50365	0.535068	1.32679	1.32679	0.201212	0.544659	-1.83601	0.0355371	3.00893	3.00893	0.0627672	0.389659	-2.56635	0.0990295	0.443051	-2.25708	0.68163	1.20403	1.20403	4.81728	15.4592	2.85254	1
cg12912920	MAML3	0.019413	0.0143244	0.181565	-5.50766	0.0139355	0.179764	-5.56286	0.0277615	0.229994	-4.34794	0.0714597	0.32067	-3.11847	0.035328	0.250387	-3.99382	0.03318	0.244921	-4.08295	0.00512433	0.123775	-8.07917	0.0113646	0.166887	-5.99208	0.0494022	0.281668	-3.55028	4.75235	24.0269	4.49403	1
cg21429780	MAML3	0.0200585	0.0423709	0.268088	-3.73011	0.00089929	0.0609184	-16.4154	0.0248518	0.222284	-4.49875	0.507067	0.684541	-1.46083	0.0622572	0.306712	-3.26038	0.482189	0.668834	-1.49514	0.012091	0.171733	-5.82298	0.110118	0.375105	-2.66592	0.411083	0.622945	-1.60528	4.6999	23.6017	4.46377	1
cg03597159	MAML3	0.0207964	0.0082601	0.227622	-4.39326	0.0882277	0.438538	-2.2803	0.03865	0.350126	-2.85611	0.0753412	0.419952	-2.38122	0.00472372	0.193061	-5.17971	0.481671	0.73097	-1.36805	0.00475725	0.193472	-5.16872	0.0438279	0.362319	-2.76	0.0727736	0.415988	-2.40391	4.64244	14.1178	2.70314	1
cg20635393	MAML3	0.0288447	0.184496	1.5089	1.5089	0.341861	1.3314	1.3314	0.292553	1.37595	1.37595	0.0937582	0.583551	-1.71365	0.662173	0.879423	-1.13711	0.2535	0.705723	-1.41699	0.227555	1.44804	1.44804	0.638083	0.870689	-1.14852	0.00124538	3.96915	3.96915	4.14409	5.60616	1.20249	1
cg17805875	MAML3	0.0383142	0.0922431	0.660227	-1.51463	0.0044688	0.427659	-2.33831	0.985976	0.99607	-1.00395	0.0936848	0.661671	-1.51132	0.0437802	0.594997	-1.68068	0.651944	1.10708	1.10708	0.0596532	1.60987	1.60987	0.273935	0.77488	-1.29052	0.681592	0.911721	-1.09683	3.74184	2.97433	0.706563	1
cg17540159	MAML3	0.0385087	0.208597	0.579306	-1.7262	0.0818279	2.21258	2.21258	0.642617	1.21222	1.21222	0.307688	0.647355	-1.54475	0.0110253	0.268967	-3.71792	0.598686	1.24448	1.24448	0.00692883	0.237142	-4.21689	0.154818	0.534141	-1.87216	0.461668	0.734467	-1.36153	3.73491	10.0326	2.38771	1
cg04071644	MAMLD1	0.00829959	0.166624	0.488253	-2.04812	0.474271	0.702035	-1.42443	0.16622	0.487876	-2.0497	0.0910477	0.404579	-2.47171	0.00207925	0.121616	-8.22263	0.769256	0.866751	-1.15373	0.000320146	0.0589304	-16.9692	0.290418	0.586613	-1.7047	0.0256764	0.275726	-3.62678	6.27109	23.4728	3.32713	1
cg04288265	MAMLD1	0.0302798	0.893974	1.05486	1.05486	0.0655412	0.436988	-2.28839	0.0547599	0.417862	-2.39313	0.13963	0.529046	-1.8902	0.00249847	0.185905	-5.37909	0.0625438	2.31525	2.31525	0.487521	1.32647	1.32647	0.511341	0.765821	-1.30579	0.622817	0.819902	-1.21966	4.07337	10.3497	2.25851	1
cg02045294	MAMSTR	0.00263317	0.0909189	0.741762	-1.34814	0.0698107	0.722357	-1.38436	0.000147401	0.350984	-2.84913	0.0860234	0.737639	-1.35568	0.00155016	0.481885	-2.07518	0.00975998	0.592017	-1.68914	0.0209085	0.640297	-1.56177	0.0079378	0.579245	-1.72639	0.624383	1.08238	1.08238	8.89497	3.62486	0.362238	1
cg19343034	MAMSTR	0.0096562	0.0867574	0.825515	-1.21136	0.00261892	1.52556	1.52556	0.126347	1.1825	1.1825	0.14393	1.1725	1.1725	0.145157	0.853353	-1.17185	0.32237	0.901569	-1.10918	0.10509	1.19663	1.19663	0.0553862	0.802429	-1.24622	0.019339	0.750726	-1.33204	5.97704	0.972597	0.144642	1
cg21653641	MAMSTR	0.0338825	0.0186543	3.05969	3.05969	0.00497152	4.29898	4.29898	0.0183382	3.07272	3.07272	0.115339	1.957	1.957	0.0150452	3.2284	3.2284	0.356403	1.45067	1.45067	0.0545088	2.35267	2.35267	0.0952716	2.05206	2.05206	0.142798	1.85473	1.85473	3.91272	9.53176	2.16542	1
cg23016472	MAMSTR;MAMSTR	0.000464703	0.174173	0.884611	-1.13044	0.565506	1.05051	1.05051	0.0844296	1.17573	1.17573	4.94E-06	0.413273	-2.41971	0.414303	0.93167	-1.07334	0.687825	0.966322	-1.03485	0.76363	1.02591	1.02591	0.901951	0.989601	-1.01051	0.454166	1.0668	1.0668	14.5834	1.66143	0.101268	1
cg23171099	MAMSTR;MAMSTR	0.000929674	0.0027989	0.772797	-1.294	0.0148646	1.20618	1.20618	0.00423546	1.27067	1.27067	0.697015	1.02478	1.02478	0.204619	1.08736	1.08736	0.0297813	1.17352	1.17352	0.50501	1.04323	1.04323	0.00248008	1.30104	1.30104	0.000142179	1.50761	1.50761	12.0121	0.744763	0.0551122	1
cg14103343	MAMSTR;MAMSTR	0.00244284	0.0764283	1.60937	1.60937	0.000293403	4.15564	4.15564	0.00375623	2.57125	2.57125	0.00580094	2.39266	2.39266	0.0144694	2.06979	2.06979	0.479625	0.840727	-1.18945	0.190346	1.39767	1.39767	0.028346	1.86794	1.86794	0.00116404	3.16204	3.16204	9.0937	8.3939	0.820485	1
cg12234455	MAMSTR;MAMSTR	0.00280159	0.0695526	1.63636	1.63636	0.00071475	3.49031	3.49031	0.00380733	2.57746	2.57746	0.00409665	2.54585	2.54585	0.0571254	1.68571	1.68571	0.196996	0.718264	-1.39225	0.19287	1.39702	1.39702	0.0230009	1.93426	1.93426	0.00100347	3.27009	3.27009	8.7335	8.14178	0.828664	1
cg11773468	MAMSTR;MAMSTR	0.0141346	0.071444	1.73729	1.73729	0.00555292	2.71711	2.71711	0.0119925	2.36286	2.36286	0.166876	1.4983	1.4983	0.111068	1.61005	1.61005	0.0329536	1.98241	1.98241	0.00174222	3.40339	3.40339	0.0100572	2.43816	2.43816	0.392325	1.2718	1.2718	5.28323	6.29847	1.0597	1
cg07512231	MAMSTR;MAMSTR	0.0227164	0.95692	1.00794	1.00794	0.0273725	0.682314	-1.4656	0.00795206	0.607522	-1.64603	0.707182	1.05682	1.05682	0.0208911	1.50249	1.50249	0.0650256	0.738284	-1.35449	0.0862607	1.31993	1.31993	0.595677	1.08159	1.08159	0.559606	0.917222	-1.09025	4.50407	1.53011	0.30197	1
cg24083817	MAMSTR;MAMSTR	0.0230462	0.0470311	0.688076	-1.45333	0.0692945	0.715885	-1.39687	0.00672172	0.560984	-1.78258	0.512573	0.896524	-1.11542	0.944151	1.01159	1.01159	0.715556	0.941583	-1.06204	0.0013621	0.465532	-2.14808	0.677369	1.07124	1.07124	0.339642	0.850556	-1.1757	4.48176	1.9201	0.380822	1
cg18046677	MAMSTR;MAMSTR;MAMSTR	0.0159168	0.0907443	2.12401	2.12401	0.666809	1.19136	1.19136	0.00719751	4.06462	4.06462	0.0227127	3.01148	3.01148	0.960878	1.02003	1.02003	0.474273	0.74515	-1.34201	0.151523	0.537303	-1.86115	0.452617	1.36248	1.36248	0.00191478	5.90836	5.90836	5.07979	13.1469	2.30051	1
cg03051880	MAN1A1	8.94E-05	0.01815	0.527546	-1.89557	0.100738	1.49294	1.49294	0.000585226	0.305831	-3.26978	0.00136666	0.354969	-2.81715	9.74E-06	0.119903	-8.34005	0.0310589	1.75812	1.75812	0.00800119	2.13326	2.13326	0.00856012	2.11216	2.11216	0.638332	0.89984	-1.11131	22.815	17.9563	0.699592	1
cg02522952	MAN1A1	0.000144713	0.00602386	1.21951	1.21951	0.121684	1.09723	1.09723	0.673972	1.02368	1.02368	5.31E-06	1.76931	1.76931	0.0834867	0.899468	-1.11177	0.113271	1.1	1.1	0.165827	1.08517	1.08517	0.000499279	0.739946	-1.35145	0.402171	1.04856	1.04856	20.0498	0.971239	0.043059	1
cg10921334	MAN1A1	0.00170004	0.155114	1.34665	1.34665	0.262168	0.795562	-1.25697	0.000175262	0.2879	-3.47343	0.000718938	0.365346	-2.73713	0.0144331	0.554465	-1.80354	0.25661	0.793246	-1.26064	0.224414	1.28356	1.28356	0.110281	1.40558	1.40558	0.378563	0.838015	-1.1933	10.1077	6.12555	0.538691	1
cg01260541	MAN1A1	0.00222308	0.0220758	0.494991	-2.02024	0.000392883	0.235318	-4.24958	0.00107726	0.290278	-3.44497	0.0124626	0.450898	-2.2178	0.00106168	0.28944	-3.45494	0.646187	0.88833	-1.12571	0.892011	0.965802	-1.03541	0.646267	0.888356	-1.12567	0.00866349	0.424339	-2.35661	9.34869	9.71667	0.923877	1
cg03207915	MAN1A1	0.00250196	0.0040796	0.236472	-4.22882	0.097188	0.50613	-1.97578	0.688632	0.860119	-1.16263	0.0051786	0.251418	-3.97744	0.00300372	0.218233	-4.58227	0.0532555	0.439791	-2.27381	0.000322521	0.113455	-8.81409	0.00313849	0.220784	-4.52931	0.00480164	0.246611	-4.05497	9.02995	20.0136	1.97009	1
cg16946271	MAN1A1	0.00608957	0.854362	1.03564	1.03564	0.00294731	0.459328	-2.17709	0.00826779	0.525423	-1.90323	0.122931	1.37505	1.37505	0.135699	0.736076	-1.35856	0.0565925	0.66281	-1.50873	0.000686071	0.37228	-2.68615	0.342163	0.829851	-1.20504	0.0976717	0.707304	-1.41382	6.90748	3.97282	0.511243	1
cg02564272	MAN1A1	0.00778714	0.340842	1.3356	1.3356	0.557696	0.839626	-1.19101	0.0411482	0.499275	-2.00291	0.00140395	0.255703	-3.91079	0.00210907	0.279536	-3.57735	0.0155545	0.41698	-2.3982	0.00834118	0.370135	-2.70171	0.279049	0.717635	-1.39347	0.159884	0.642283	-1.55695	6.39816	8.80733	1.22359	1
cg19722656	MAN1A1	0.0123762	0.251345	0.539527	-1.85347	0.226913	1.92168	1.92168	0.904522	0.940085	-1.06373	0.292657	0.570004	-1.75437	0.0223161	0.244174	-4.09544	0.024501	0.251668	-3.97349	0.00111867	0.0844961	-11.8349	0.0263402	0.257618	-3.88171	0.0140782	0.210025	-4.76133	5.51788	23.1677	3.73215	1
cg12882103	MAN1A1	0.0125444	0.0163128	0.248009	-4.03211	0.545135	1.33743	1.33743	0.424624	0.678995	-1.47276	0.236684	0.55507	-1.80157	0.0159013	0.246098	-4.06342	0.763625	0.866585	-1.15395	0.000562957	0.0789913	-12.6596	0.156089	0.486541	-2.05533	0.0232226	0.275768	-3.62623	5.49369	19.6137	3.17353	1
cg09900084	MAN1A2	0.000130002	0.000433776	0.388343	-2.57504	0.000290229	0.36614	-2.73119	0.0935148	0.730818	-1.36833	0.030749	0.649618	-1.53937	0.000273657	0.362927	-2.75538	0.109358	0.743202	-1.34553	0.00011618	0.317168	-3.15291	0.00343343	1.96547	1.96547	0.000170998	0.337557	-2.96246	20.6366	9.44617	0.40688	1
cg22223232	MAN1A2	0.000227884	0.00210308	0.524309	-1.90727	0.160628	0.799549	-1.25071	0.0107561	1.61342	1.61342	0.00329065	1.81805	1.81805	0.537901	1.09757	1.09757	0.526699	1.10048	1.10048	1.81E-05	0.270769	-3.69319	0.02418	1.49363	1.49363	0.0542826	0.721799	-1.38543	17.7315	6.2572	0.313677	1
cg04725433	MAN1A2	0.000816602	0.00737194	0.594265	-1.68275	0.0707592	0.737629	-1.3557	0.000167332	0.380668	-2.62696	0.557729	0.914523	-1.09347	0.00168566	0.508392	-1.96699	0.660973	0.935649	-1.06878	0.000246776	0.401557	-2.49031	0.223401	1.21264	1.21264	0.00264651	0.534259	-1.87175	12.4598	4.48248	0.319782	1
cg18389062	MAN1A2	0.00960616	0.0682143	0.803053	-1.24525	0.0487791	1.27344	1.27344	0.0765369	1.23568	1.23568	0.302443	0.891594	-1.12159	0.0102696	0.706479	-1.41547	0.347789	1.10942	1.10942	0.00162315	0.615597	-1.62444	0.439711	1.08833	1.08833	0.794863	1.02838	1.02838	5.98695	1.094	0.162427	1
cg20383390	MAN1A2	0.015399	0.865575	1.02562	1.02562	0.00100515	2.07281	2.07281	0.988648	0.997878	-1.00213	0.658261	0.935701	-1.06872	0.151647	0.795054	-1.25778	0.011595	1.60187	1.60187	0.525195	0.908351	-1.1009	0.861915	0.974343	-1.02633	0.0404873	1.4237	1.4237	5.13587	1.81308	0.313799	1
cg13614712	MAN1B1	8.58E-07	4.49E-07	0.236313	-4.23168	0.0254435	1.30842	1.30842	0.000311616	0.553278	-1.80741	0.367934	0.91064	-1.09813	8.12E-08	0.165795	-6.03153	7.06E-07	0.256447	-3.89944	0.0454394	0.792757	-1.26142	0.0329612	0.776899	-1.28717	0.0714433	0.815654	-1.22601	76.2492	12.3721	0.14423	1
cg13712518	MAN1B1	0.00112065	0.205473	0.786421	-1.27158	0.175013	0.771473	-1.29622	0.107225	0.728872	-1.37198	0.000696395	0.394359	-2.53576	0.000821938	0.403879	-2.47599	0.000110506	0.294137	-3.39978	0.086443	1.40589	1.40589	0.36849	0.846923	-1.18075	0.0289713	0.629333	-1.58898	11.3918	5.8373	0.455477	1
cg13592750	MAN1B1	0.00800653	0.0853521	0.771476	-1.29622	0.0377635	1.38913	1.38913	0.0644481	0.753238	-1.3276	0.00278633	0.569859	-1.75482	0.14778	0.809097	-1.23595	0.228677	1.18808	1.18808	0.00583105	1.63637	1.63637	0.467612	1.10608	1.10608	0.677367	0.944522	-1.05874	6.34252	1.86925	0.261971	1
cg14197632	MAN1B1	0.00808241	0.549693	1.10517	1.10517	0.170163	0.785558	-1.27298	0.229278	0.811862	-1.23174	0.0480281	1.45264	1.45264	0.194246	0.797007	-1.25469	0.00593062	0.551806	-1.81223	0.000981736	2.24708	2.24708	0.923652	1.01596	1.01596	0.796721	1.04357	1.04357	6.32371	2.73366	0.384255	1
cg13669188	MAN1B1	0.0150584	0.674383	0.909139	-1.09994	0.00484826	0.430793	-2.3213	0.82872	0.952332	-1.05005	0.173765	0.721641	-1.38573	0.00110689	0.338332	-2.95568	0.0250664	0.548365	-1.8236	0.311521	1.26621	1.26621	0.885095	1.03313	1.03313	0.938613	0.982787	-1.01751	5.17404	4.16428	0.715414	1
cg14604489	MAN1B1;LOC100289341	0.0179889	0.363632	1.33975	1.33975	0.0115712	2.68882	2.68882	0.0321172	2.1955	2.1955	0.523169	1.22472	1.22472	0.00459548	0.306723	-3.26027	0.18345	0.642656	-1.55604	0.187429	0.645528	-1.54912	0.243706	1.46539	1.46539	0.841997	0.939389	-1.06452	4.87614	7.5794	1.38168	1
cg11217953	MAN1C1	0.000139527	0.28065	1.18677	1.18677	0.0179646	1.55124	1.55124	4.14E-06	0.196278	-5.09483	0.147823	0.788916	-1.26756	0.000253733	0.398274	-2.51083	0.732262	0.948913	-1.05384	0.010816	0.613368	-1.63034	0.871799	0.975641	-1.02497	0.0871443	0.749438	-1.33433	20.2478	7.47707	0.328248	1
cg02586949	MAN1C1	0.000375198	0.29587	0.805689	-1.24117	0.0179692	1.77373	1.77373	0.0101796	0.524182	-1.90774	0.258649	0.790635	-1.26481	0.000355021	0.318845	-3.13632	0.0110354	1.88786	1.88786	5.38E-05	0.22281	-4.48814	0.611223	1.10758	1.10758	0.0139381	0.545858	-1.83198	15.4706	9.73462	0.559318	1
cg11708784	MAN1C1	0.000727709	0.0112783	0.759585	-1.31651	0.000671642	0.637163	-1.56946	0.60915	0.956305	-1.04569	0.45007	0.935494	-1.06895	0.0010977	0.658974	-1.51751	0.523685	1.05759	1.05759	0.000447921	1.61559	1.61559	0.0496278	0.823619	-1.21415	0.00822561	0.746111	-1.34028	12.8701	1.53006	0.105676	1
cg18347602	MAN1C1	0.00230644	0.573178	0.866468	-1.15411	0.0312153	1.88986	1.88986	0.000305516	0.228391	-4.37846	0.930024	1.02236	1.02236	0.000491548	0.252986	-3.95279	0.0229114	0.503957	-1.9843	0.777453	0.93114	-1.07395	0.895635	1.0336	1.0336	0.152065	0.679552	-1.47156	9.24841	9.28548	0.892451	1
cg04631202	MAN1C1	0.00396327	0.0430624	0.691745	-1.44562	0.000831095	2.21801	2.21801	0.00592543	1.768	1.768	0.242454	1.2137	1.2137	0.0891061	0.743163	-1.3456	0.0449265	1.43961	1.43961	0.0281774	0.663415	-1.50735	0.563146	0.911608	-1.09696	0.466663	1.12443	1.12443	7.87435	3.1259	0.352864	1
cg26812481	MAN1C1	0.00420976	0.100733	1.67159	1.67159	0.28227	1.3762	1.3762	0.129377	0.626068	-1.59727	0.311881	0.741569	-1.34849	0.000696852	0.228032	-4.38535	0.415417	1.26858	1.26858	0.000603751	0.220568	-4.53375	0.92557	1.02706	1.02706	0.96558	0.987743	-1.01241	7.73228	10.0022	1.14983	1
cg20333927	MAN1C1	0.00539552	0.176936	1.13684	1.13684	0.00191	1.48119	1.48119	0.00680306	1.36801	1.36801	0.0123883	0.757152	-1.32074	0.0722997	1.1963	1.1963	0.562279	1.05375	1.05375	0.0874876	0.844868	-1.18362	0.766823	0.973777	-1.02693	0.0184345	1.29108	1.29108	7.16962	0.906745	0.112418	1
cg00832850	MAN1C1	0.0057204	0.794595	0.941324	-1.06233	0.00233917	2.67663	2.67663	0.0623982	1.62596	1.62596	0.161093	0.706881	-1.41467	0.0195575	0.520012	-1.92303	0.0947248	0.653363	-1.53054	0.296575	0.778162	-1.28508	0.00318592	2.5431	2.5431	0.350959	1.24918	1.24918	7.04199	5.9904	0.756151	1
cg19623406	MAN1C1	0.00791253	0.0309177	0.625652	-1.59833	0.664865	1.08401	1.08401	0.00196084	0.44485	-2.24795	0.0855981	0.703521	-1.42142	0.0258051	0.612701	-1.63212	0.303117	0.820858	-1.21824	0.000633799	0.378514	-2.64191	0.802188	0.954607	-1.04755	0.0454483	0.654026	-1.52899	6.36613	3.45331	0.482179	1
cg20464072	MAN1C1	0.0112601	0.656128	1.05198	1.05198	0.30347	1.12807	1.12807	0.11282	1.21549	1.21549	0.524143	0.929614	-1.07572	0.550762	0.934027	-1.07063	0.805958	0.972557	-1.02822	0.000240281	0.502989	-1.98811	0.350192	0.896977	-1.11486	0.283333	1.13432	1.13432	5.68947	1.15194	0.179973	1
cg04116354	MAN1C1	0.0201727	0.00717838	0.401076	-2.49329	0.102073	0.624368	-1.60162	0.819807	0.941709	-1.0619	0.487155	0.830415	-1.20422	0.00285028	0.339289	-2.94734	0.0281136	0.505279	-1.9791	0.132321	0.652121	-1.53346	0.0995745	0.621802	-1.60823	0.00688664	0.398165	-2.51152	4.69084	5.14759	0.975442	1
cg12701302	MAN1C1	0.0204926	0.564854	1.18939	1.18939	0.856648	1.05537	1.05537	0.197468	0.666282	-1.50087	0.69818	1.12315	1.12315	0.00126745	0.246147	-4.06261	0.0652662	1.85298	1.85298	0.0560383	1.90607	1.90607	0.342938	1.33804	1.33804	0.308245	0.730284	-1.36933	4.66579	6.5641	1.25054	1
cg00999858	MAN1C1	0.0234841	0.0190838	0.240166	-4.16379	0.00880291	0.186901	-5.35043	0.0333908	0.286521	-3.49014	0.0507608	0.326588	-3.06196	0.0117468	0.205454	-4.86727	0.0536088	0.332202	-3.01022	0.0206442	0.246241	-4.06106	0.0153652	0.224087	-4.46255	0.0582703	0.340967	-2.93283	4.45274	17.8277	3.55891	1
cg08948442	MAN1C1	0.0457146	0.493575	0.803962	-1.24384	0.0249298	0.43278	-2.31064	0.0154875	0.393753	-2.53967	0.182944	0.64178	-1.55817	0.386993	1.32088	1.32088	0.517496	0.813886	-1.22867	0.0733359	1.8714	1.8714	0.0946099	1.77999	1.77999	0.371173	0.749625	-1.334	3.50477	5.46724	1.38662	1
cg07541465	MAN2A1	0.00138467	0.56104	0.96499	-1.03628	0.00352012	1.27117	1.27117	0.832024	0.987204	-1.01296	0.0991048	0.896172	-1.11586	0.362572	1.05838	1.05838	0.100451	0.896635	-1.11528	0.000503426	0.719089	-1.39065	0.0173944	1.19193	1.19193	0.00159104	1.31622	1.31622	10.7234	0.624341	0.0517533	1
cg19071398	MAN2A1	0.00144539	0.130367	0.795114	-1.25768	0.0103368	0.635487	-1.5736	0.000761084	0.488721	-2.04616	0.031072	0.701052	-1.42643	0.000356182	0.447363	-2.23532	0.278367	1.17138	1.17138	0.0270124	1.44405	1.44405	0.442623	0.895959	-1.11612	0.00546432	0.598808	-1.66998	10.592	3.30377	0.277256	1
cg23249942	MAN2A1	0.0102207	0.416209	1.10539	1.10539	0.00940308	0.672317	-1.48739	0.00157729	0.578539	-1.72849	0.394794	0.900235	-1.11082	0.22239	1.16723	1.16723	0.504024	0.921489	-1.0852	0.00316141	0.614889	-1.62631	0.164056	0.836057	-1.19609	0.858093	1.02182	1.02182	5.86946	1.35175	0.204713	1
cg04062682	MAN2A1	0.0103016	0.703127	1.18299	1.18299	0.838024	1.09399	1.09399	0.195038	1.8249	1.8249	0.429343	0.701829	-1.42485	0.775114	1.13395	1.13395	0.805163	0.89721	-1.11457	0.000164118	0.0595857	-16.7825	0.794346	1.12148	1.12148	0.297823	1.60585	1.60585	5.85465	17.8592	2.7115	1
cg11704780	MAN2A1	0.0124812	0.000522443	0.136669	-7.31697	0.967088	0.984931	-1.0153	0.766224	0.896081	-1.11597	0.905628	1.04461	1.04461	0.0870709	0.498916	-2.00435	0.0274228	0.382858	-2.61193	0.454207	1.32386	1.32386	0.352574	1.42194	1.42194	0.106736	1.9119	1.9119	5.50274	11.8025	1.90652	1
cg01806713	MAN2A1	0.0150706	0.985099	0.99478	-1.00525	0.132012	0.634056	-1.57715	0.12231	0.625431	-1.5989	0.92838	1.02552	1.02552	0.011873	0.414703	-2.41137	0.932632	0.976583	-1.02398	0.00200067	3.3958	3.3958	0.0516937	1.86007	1.86007	0.735272	1.09978	1.09978	5.17266	6.43494	1.1058	1
cg07210335	MAN2A1	0.0151373	0.00039621	0.0925708	-10.8025	0.144029	1.93905	1.93905	0.25727	1.64677	1.64677	0.351917	0.667531	-1.49806	0.903974	0.950355	-1.05224	0.346384	1.50548	1.50548	0.719113	1.16459	1.16459	0.982503	1.0093	1.0093	0.21346	1.73798	1.73798	5.1651	14.5612	2.50591	1
cg10569493	MAN2A1	0.0173874	0.0233218	0.248896	-4.01774	0.903139	0.939445	-1.06446	0.0668187	0.348434	-2.86998	0.0768323	0.364357	-2.74456	0.00194102	0.10545	-9.48313	0.0201284	0.237323	-4.21366	0.0206479	0.239291	-4.17901	0.628273	0.77855	-1.28444	0.0103099	0.190441	-5.25098	4.93213	20.5638	3.7061	1
cg27108925	MAN2A1	0.0230968	0.04068	0.826937	-1.20928	0.0714421	1.17572	1.17572	0.470111	1.06087	1.06087	0.640674	0.962905	-1.03852	0.725748	1.02872	1.02872	0.0299563	0.814364	-1.22795	0.0136644	1.27795	1.27795	0.0530961	1.1933	1.1933	0.0645665	1.18169	1.18169	4.47837	0.458619	0.0910291	1
cg19117777	MAN2A1	0.0243895	0.614784	0.947157	-1.05579	0.00139263	1.64142	1.64142	0.85799	1.01935	1.01935	0.923783	0.989814	-1.01029	0.148512	1.18034	1.18034	0.818996	0.975775	-1.02483	0.823718	1.02416	1.02416	0.684374	1.0447	1.0447	0.00432811	1.50384	1.50384	4.39481	0.796741	0.161148	1
cg22603964	MAN2A1	0.0278642	0.97086	0.994659	-1.00537	0.0159153	1.54166	1.54166	0.00678471	1.67261	1.67261	0.519227	1.10054	1.10054	0.15828	1.24749	1.24749	0.0690178	0.742071	-1.34758	0.219113	0.827387	-1.20862	0.199793	1.21969	1.21969	0.052353	1.38196	1.38196	4.19496	1.42814	0.302615	1
cg18443559	MAN2A1	0.0417376	0.533769	0.845214	-1.18313	0.162839	0.671986	-1.48813	0.635722	0.880447	-1.13579	0.596786	0.867221	-1.15311	0.0132976	0.441088	-2.26712	0.49272	0.830356	-1.2043	0.0155632	2.20694	2.20694	0.0371711	1.90702	1.90702	0.896227	1.03543	1.03543	3.62574	4.08861	1.00237	1
cg12984356	MAN2A2	0.000142685	0.0419725	1.19235	1.19235	0.00526302	1.31811	1.31811	0.933303	0.993737	-1.0063	1.44E-05	0.507844	-1.96911	0.0017158	1.39924	1.39924	0.000470401	0.661991	-1.5106	0.500879	0.95001	-1.05262	0.318711	1.08042	1.08042	0.282599	1.08742	1.08742	20.1262	1.79591	0.079318	1
cg11183227	MAN2A2	0.00307656	0.00267943	0.452744	-2.20876	0.419066	1.17074	1.17074	0.08511	0.695261	-1.43831	0.383237	1.18615	1.18615	0.00012789	0.280278	-3.56788	0.0428522	0.640813	-1.56052	0.707496	0.930562	-1.07462	0.962543	0.991074	-1.00901	0.0228086	0.594417	-1.68232	8.49432	4.90394	0.513173	1
cg18704421	MAN2A2	0.00573477	0.623265	1.05523	1.05523	0.571345	0.93978	-1.06408	0.082829	0.811765	-1.23188	0.286842	0.886849	-1.12759	0.0777212	0.808263	-1.23722	0.90972	1.01239	1.01239	9.03E-05	0.467577	-2.13868	0.75203	0.96617	-1.03501	0.210548	1.15401	1.15401	7.03655	1.31374	0.165957	1
cg02374944	MAN2A2	0.0141967	0.0245754	0.257539	-3.88291	0.00277659	0.1237	-8.08407	0.0283677	0.269538	-3.71006	0.253853	0.546787	-1.82887	0.0382486	0.296212	-3.37596	0.119243	0.424606	-2.35512	0.00205715	0.11084	-9.02202	0.656625	0.797164	-1.25445	0.0217194	0.247599	-4.03879	5.27562	21.4468	3.61357	1
cg19197328	MAN2A2	0.0193397	0.808467	0.958596	-1.04319	0.279192	0.822097	-1.2164	0.00246434	0.480398	-2.08161	0.00306906	0.493689	-2.02556	0.810968	0.959138	-1.0426	0.262647	0.81599	-1.22551	0.252549	1.23133	1.23133	0.210786	1.25808	1.25808	0.265843	0.81719	-1.22371	4.75844	2.2848	0.426806	1
cg21535253	MAN2B1	0.000133905	5.03E-05	9.31725	9.31725	0.00651231	2.82347	2.82347	0.000543831	4.84443	4.84443	0.00370552	3.16179	3.16179	0.0330773	0.481185	-2.0782	0.818385	0.93471	-1.06985	0.0587412	0.534333	-1.87149	5.06E-05	9.29886	9.29886	0.00695086	2.78757	2.78757	20.4731	27.9418	1.21316	1
cg00422699	MAN2B1	0.00142214	0.543039	1.12863	1.12863	0.124692	0.7213	-1.38639	0.0144851	1.80779	1.80779	0.391046	1.18854	1.18854	0.0948176	0.697095	-1.43452	0.000691199	0.361341	-2.76747	0.000242321	0.303292	-3.29715	0.0661143	1.49955	1.49955	0.738677	1.06802	1.06802	10.6415	6.51055	0.543831	1
cg25575138	MAN2B1	0.00331049	0.0121193	0.214691	-4.65785	0.530388	0.731479	-1.36709	0.105627	0.419082	-2.38617	0.799147	0.882108	-1.13365	0.000999176	0.0903366	-11.0697	0.0113155	0.210049	-4.76079	0.000271832	0.0530766	-18.8407	0.444319	1.46763	1.46763	0.0570336	0.346671	-2.88458	8.31091	31.8587	3.40743	1
cg02678141	MAN2B1	0.00699674	0.123368	0.724531	-1.3802	0.000720973	2.70026	2.70026	0.00691844	0.509242	-1.9637	0.155901	1.34058	1.34058	0.395887	0.845473	-1.18277	0.950928	0.988188	-1.01195	0.0594388	1.50798	1.50798	0.360364	0.833979	-1.19907	0.505476	0.877702	-1.13934	6.61608	3.90568	0.524739	1
cg12063490	MAN2B1	0.0217265	0.102322	1.50562	1.50562	0.131741	0.68909	-1.45119	0.0344026	1.75899	1.75899	0.0464984	1.68519	1.68519	0.492379	0.852495	-1.17303	0.02305	0.536834	-1.86277	0.039858	0.580547	-1.72251	0.444057	1.19553	1.19553	0.0814475	1.55586	1.55586	4.57352	3.79452	0.737487	1
cg18530645	MAN2B1	0.02525	0.2683	1.70743	1.70743	0.688366	0.829388	-1.20571	0.0484091	2.84726	2.84726	0.0284279	3.32033	3.32033	0.869234	0.9264	-1.07945	0.0190277	0.267883	-3.73297	0.00829299	0.208882	-4.78739	0.77278	1.14377	1.14377	0.647073	1.23848	1.23848	4.34217	14.8052	3.03077	1
cg26782451	MAN2B1;C19orf56;MORG1;MORG1;MORG1	0.00778853	0.0029548	0.224096	-4.46238	0.00580961	0.266033	-3.75893	0.0383008	0.414832	-2.41062	0.171734	0.586697	-1.70446	0.000688103	0.149629	-6.6832	0.0477716	0.436235	-2.29234	0.0515224	0.443803	-2.25325	0.664562	0.852222	-1.1734	0.0293626	0.390406	-2.56144	6.3978	13.6121	1.89122	1
cg23954461	MAN2B1;MORG1;MORG1	0.00631374	0.964087	1.00491	1.00491	0.853057	0.980029	-1.02038	0.64558	1.05168	1.05168	7.87E-05	2.17456	2.17456	0.275535	1.13136	1.13136	0.515091	0.930704	-1.07446	0.510269	0.929913	-1.07537	0.216967	1.15181	1.15181	0.12998	1.19477	1.19477	6.83066	1.28061	0.166648	1
cg03143365	MAN2B1;MORG1;MORG1	0.0495994	0.147576	0.65236	-1.5329	0.0203999	2.15618	2.15618	0.00330007	3.00526	3.00526	0.764189	0.92062	-1.08622	0.89153	0.963185	-1.03822	0.585709	0.859582	-1.16336	0.936088	0.978194	-1.02229	0.777902	0.925207	-1.08084	0.753635	1.09041	1.09041	3.3985	4.06789	1.06397	1
cg11320032	MAN2B2	0.000228406	0.000189301	0.634223	-1.57673	0.531924	0.955229	-1.04687	0.0059458	1.29723	1.29723	0.130814	0.888667	-1.12528	0.718555	0.974158	-1.02653	0.264283	0.919267	-1.08782	0.000101614	1.64561	1.64561	0.000476293	1.48709	1.48709	0.0856812	1.14731	1.14731	17.7204	1.46888	0.0736816	1
cg06229339	MAN2B2	0.00042308	0.00114955	0.365135	-2.73872	0.242847	1.29394	1.29394	0.00174086	0.390093	-2.56349	0.714143	1.08066	1.08066	1.64E-05	0.154013	-6.49296	0.192087	0.747413	-1.33795	0.289174	0.79296	-1.2611	0.00169954	0.388628	-2.57315	0.155558	0.725856	-1.37768	14.9667	10.5381	0.625867	1
cg03333267	MAN2B2	0.00875148	0.00102985	0.700974	-1.42659	0.375706	1.06867	1.06867	0.414983	0.940945	-1.06276	0.104671	0.878481	-1.13833	0.42012	0.941601	-1.06202	0.963068	1.00339	1.00339	0.00271468	1.35327	1.35327	0.182156	0.901724	-1.10899	0.912809	0.99203	-1.00803	6.16687	0.52125	0.0751326	1
cg19535394	MAN2B2	0.00979572	0.0660947	0.630827	-1.58522	0.000946266	0.332339	-3.00898	0.00315743	0.40598	-2.46317	0.0170928	0.52224	-1.91483	0.01968	0.532775	-1.87696	0.519568	1.15708	1.15708	0.0753123	0.642406	-1.55665	0.443362	0.83975	-1.19083	0.225519	0.75243	-1.32903	5.94974	4.70602	0.703079	1
cg15412201	MAN2B2	0.017601	0.013545	0.693889	-1.44115	0.622812	1.06109	1.06109	0.108932	0.811328	-1.23255	0.700798	1.04726	1.04726	0.19005	0.847058	-1.18056	0.455087	1.09526	1.09526	0.0019992	1.68498	1.68498	0.10867	0.81118	-1.23277	0.5626	0.932385	-1.07252	4.91197	1.11273	0.201363	1
cg09477292	MAN2B2	0.0183702	0.653474	1.0448	1.0448	0.366915	1.09406	1.09406	0.505822	0.936619	-1.06767	0.873893	1.01552	1.01552	0.679146	0.960461	-1.04117	0.298014	1.1103	1.1103	0.000325792	0.569263	-1.75666	0.480401	1.07205	1.07205	0.632888	1.04778	1.04778	4.84183	0.721364	0.132432	1
cg25892537	MAN2B2	0.0309853	0.0369977	0.367682	-2.71974	0.345757	0.669579	-1.49348	0.109411	0.486263	-2.0565	0.155795	0.534031	-1.87255	0.000960637	0.131159	-7.62432	0.0298328	0.347865	-2.87468	0.182859	0.557733	-1.79297	0.989489	0.994573	-1.00546	0.562414	0.785114	-1.2737	4.04011	10.9182	2.40217	1
cg13195266	MAN2C1	1.45E-06	0.00207847	0.484311	-2.06479	7.93E-06	0.1701	-5.87888	0.00266277	0.50012	-1.99952	2.49E-05	0.225205	-4.4404	0.125569	0.766946	-1.30387	0.895614	0.979457	-1.02097	2.03E-05	0.21475	-4.65658	0.0295814	1.51535	1.51535	3.22E-08	0.0190558	-52.4775	100.526	38.9634	0.301464	1
cg12061118	MAN2C1	0.000365193	0.663445	0.923266	-1.08311	4.19E-05	0.241202	-4.1459	3.31E-05	0.230077	-4.34637	0.787033	0.951823	-1.05062	0.49621	1.13426	1.13426	0.905258	1.02195	1.02195	0.0946214	1.39793	1.39793	0.961476	1.00885	1.00885	0.355308	0.84082	-1.18932	15.5861	8.20711	0.468059	1
cg02351761	MAN2C1	0.000640496	0.0236695	0.775699	-1.28916	0.0141437	1.32937	1.32937	0.0244487	0.777184	-1.2867	0.0238157	1.28869	1.28869	0.00669347	1.392	1.392	0.0341172	1.26174	1.26174	0.939802	1.00713	1.00713	0.00687696	0.719612	-1.38964	0.000122217	1.87861	1.87861	13.3384	1.86775	0.124469	1
cg02250241	MAN2C1	0.00493955	0.0446882	0.559423	-1.78756	0.0633842	1.69238	1.69238	0.486503	0.836783	-1.19505	0.24363	1.35996	1.35996	0.00100826	0.292352	-3.42053	0.167959	0.690503	-1.44822	0.0109879	0.447473	-2.23477	0.277668	1.32911	1.32911	0.00401975	0.377575	-2.64848	7.36588	7.40934	0.894134	1
cg06726081	MAN2C1	0.0096976	0.11643	0.649891	-1.53872	0.0828193	0.615555	-1.62455	0.00444665	0.383397	-2.60826	0.00970259	0.437563	-2.28539	0.0905844	0.624358	-1.60164	0.0123701	0.455361	-2.19606	0.00509951	0.392595	-2.54716	0.245278	1.35936	1.35936	0.0091203	0.433102	-2.30892	5.96888	6.03268	0.898389	1
cg13344280	MAN2C1	0.0176411	0.0351862	0.699277	-1.43005	0.00114278	0.497908	-2.0084	0.0112091	0.629181	-1.58937	0.742672	0.9531	-1.04921	0.811575	1.03543	1.03543	0.334479	1.15619	1.15619	0.328156	1.15854	1.15854	0.784299	0.960785	-1.04082	0.205678	0.823118	-1.21489	4.90823	1.6525	0.29927	1
cg16149030	MAN2C1	0.0180143	0.523329	0.869694	-1.14983	0.0434853	1.6506	1.6506	0.0433705	1.65119	1.65119	0.00631519	2.15471	2.15471	0.0208168	0.548537	-1.82303	0.232176	0.763033	-1.31056	0.79662	0.945779	-1.05733	0.936651	1.01731	1.01731	0.0395675	1.67163	1.67163	4.87382	3.59628	0.65589	1
cg01350699	MANBA	1.10E-07	0.340893	0.953407	-1.04887	0.00467521	1.2006	1.2006	8.81E-08	0.425625	-2.34948	0.0439168	0.893532	-1.11915	0.940893	0.996401	-1.00361	3.87E-09	0.280887	-3.56015	0.0001209	1.38612	1.38612	0.727808	0.983157	-1.01713	0.0393578	0.890579	-1.12286	128.326	4.80334	0.0332719	1
cg02193956	MANBA	0.00458557	0.0502267	0.646153	-1.54762	0.044114	0.636047	-1.57221	0.0218836	0.583844	-1.71279	0.550208	0.888464	-1.12554	0.000312463	0.318673	-3.13802	0.022262	1.70917	1.70917	0.204588	1.29939	1.29939	0.433188	0.855156	-1.16938	0.0947449	0.698188	-1.43228	7.53451	4.56736	0.538837	1
cg00949635	MANBA	0.0224745	0.978653	1.00779	1.00779	0.825197	0.937888	-1.06623	0.169365	0.65416	-1.52868	0.648024	1.14252	1.14252	0.281399	0.72286	-1.38339	0.921976	1.02881	1.02881	0.000303721	0.182371	-5.48334	0.907854	0.966991	-1.03414	0.347834	0.755626	-1.32341	4.52068	6.01684	1.18307	1
cg05315521	MANBA;MANBA	0.00220456	0.000152902	0.484895	-2.0623	0.168988	1.17748	1.17748	0.0850637	0.808745	-1.23648	0.0377261	1.30823	1.30823	0.224135	0.867304	-1.153	0.0389006	0.766016	-1.30546	0.0178468	0.725412	-1.37853	0.0116687	0.703721	-1.42102	0.252601	1.1425	1.1425	9.37161	1.84469	0.174968	1
cg03686870	MANBA;MANBA	0.00301145	0.0147791	0.718918	-1.39098	0.26731	1.13557	1.13557	0.0300612	1.32406	1.32406	0.259147	0.878523	-1.13827	0.0108649	0.703395	-1.42168	0.795009	0.971762	-1.02906	0.000273208	0.518897	-1.92717	0.065191	0.796323	-1.25577	0.0141941	0.716874	-1.39494	8.54848	1.63861	0.170386	1
cg22163406	MANBAL;MANBAL	4.78E-05	0.00426687	0.516559	-1.93589	0.00550643	0.532368	-1.8784	0.25936	1.22543	1.22543	0.315752	0.835933	-1.19627	1.01E-05	0.194893	-5.13102	0.00421924	0.515867	-1.93848	2.38E-05	0.232981	-4.29219	0.00894896	0.563024	-1.77612	1.28E-05	0.205029	-4.87737	26.9404	12.7354	0.420202	1
cg25974777	MANBAL;MANBAL	8.93E-05	0.000273991	0.531826	-1.88032	0.000330983	0.541235	-1.84763	1.84E-05	0.3966	-2.52143	0.416622	1.09193	1.09193	0.00141533	0.613013	-1.63129	0.00151896	0.616479	-1.62211	0.0381326	1.28994	1.28994	0.0237018	0.751223	-1.33116	0.000140235	0.498361	-2.00658	22.8208	4.05578	0.157976	1
cg21449843	MANBAL;MANBAL	0.00016438	0.000112707	0.56665	-1.76476	0.0159236	0.78101	-1.28039	7.94E-06	0.440931	-2.26793	0.00744996	0.749364	-1.33447	0.00153984	0.682851	-1.46445	0.402589	0.930791	-1.07436	0.0533498	1.20173	1.20173	0.619102	0.958908	-1.04285	0.0473427	0.82698	-1.20922	19.3725	2.15088	0.0986909	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)
cg24570912	MANBAL;MANBAL	0.000298202	0.0148846	0.603032	-1.65829	0.351813	1.17563	1.17563	0.00605235	0.545853	-1.832	0.922457
cg08960987	MANEA	0.00119722	0.0546543	0.642904	-1.55544	0.0240211	1.72556	1.72556	0.000262265	0.296447	-3.37328	0.306643
cg20321726	MANEA	0.00802574	0.00426255	0.760351	-1.31518	0.020289	1.22199	1.22199	0.117236	1.12965	1.12965	0.605705
cg04719120	MANEA	0.0177855	0.0352642	2.32227	2.32227	0.615899	1.18982	1.18982	0.327824	1.41492	1.41492	0.503811
cg01349687	MANEA;MANEA	0.00784385	0.754144	1.18551	1.18551	0.410627	0.633968	-1.57737	0.730748	1.20577	1.20577	0.247778
cg10702645	MANEAL;MANEAL	0.000172289	0.578775	1.05816	1.05816	0.253531	1.12772	1.12772	0.0522176	1.2493	1.2493	0.702564
cg26828057	MANEAL;MANEAL	0.0105975	0.0108285	0.453469	-2.20522	0.566852	0.870998	-1.14811	0.0909658	1.56872	1.56872	0.507241
cg03946269	MANEAL;MANEAL	0.0176521	0.0482606	0.693471	-1.44202	0.599144	0.917576	-1.08983	0.0960169	1.34509	1.34509	0.628892
cg24709531	MANEAL;MANEAL	0.0272273	0.141326	0.677769	-1.47543	0.896929	0.968634	-1.03238	0.411451	0.813418	-1.22938	0.05215
cg07362625	MANEAL;MANEAL;MANEAL	0.00211716	0.818346	0.954388	-1.04779	0.0307784	0.597626	-1.67329	0.582606	0.893477	-1.11922	0.360766
cg04219099	MANEAL;MANEAL;MANEAL	0.00348092	0.171108	0.650263	-1.53784	0.100609	1.70089	1.70089	0.743804	1.1017	1.1017	0.738484
cg23631842	MANEAL;MANEAL;MANEAL	0.00395599	0.0506544	0.802434	-1.24621	0.528697	0.938866	-1.06512	0.626112	0.952631	-1.04972	0.0335202
cg13984533	MANEAL;MANEAL;MANEAL	0.00936353	0.723049	1.04933	1.04933	0.0106681	0.647676	-1.54398	0.622846	1.06938	1.06938	0.043773
cg10029076	MANF	2.58E-05	0.519382	0.929988	-1.07528	0.0044868	1.52356	1.52356	0.105421	1.21724	1.21724	0.388291
cg18639405	MANF	0.000160762	0.00858107	0.549061	-1.82129	0.974944	1.00563	1.00563	0.0686848	1.43966	1.43966	0.0455049
cg07118985	MANF	0.000245416	0.00218067	0.560021	-1.78565	0.489235	0.909612	-1.09937	0.853474	0.975375	-1.02525	0.0446089
cg08058672	MANF	0.000436047	0.00772212	0.538432	-1.85725	0.0322557	1.57401	1.57401	0.43081	1.15658	1.15658	0.0582143
cg02264238	MANF	0.00207203	0.455546	0.838149	-1.19311	0.541614	0.866286	-1.15435	0.718189	1.08784	1.08784	0.00117665
cg18861151	MANF	0.0241803	0.0420838	0.745354	-1.34164	0.119104	0.808758	-1.23646	0.126772	0.812813	-1.2303	0.143605
cg21034633	MANF	0.0252484	0.880207	1.02842	1.02842	0.661424	1.08535	1.08535	0.674329	1.08171	1.08171	0.65378
cg01044394	MANF	0.026176	0.193082	0.699884	-1.42881	0.00897573	2.36529	2.36529	0.0325719	1.91186	1.91186	0.622823
cg22477501	MANF	0.045679	0.0688379	1.54937	1.54937	0.323878	0.803258	-1.24493	0.89785	1.028	1.028	0.10306
cg08016016	MANSC1	8.06E-05	0.474709	1.16437	1.16437	0.746461	0.934346	-1.07027	0.307271	0.801521	-1.24763	0.0898881
cg06824685	MANSC1	0.0480378	0.516444	0.818181	-1.22222	0.105774	1.71421	1.71421	0.141867	1.61889	1.61889	0.714171
cg11390960	MAOA	0.00285485	0.152365	1.62407	1.62407	0.00427755	0.298534	-3.3497	0.0126368	0.375059	-2.66625	0.179931
cg06794323	MAOA	0.00428632	0.031887	0.463772	-2.15623	0.287276	0.713482	-1.40158	0.0200952	0.424495	-2.35574	0.324181
cg09005457	MAOB	0.00115743	0.00482999	2.90915	2.90915	0.0599274	0.545352	-1.83368	0.323819	0.747453	-1.33788	0.121409
cg13223227	MAOB	0.00170686	0.00267741	0.341886	-2.92495	0.00105014	0.285495	-3.50268	0.863845	1.04538	1.04538	0.0597607
cg05545272	MAOB	0.0187481	0.00380725	0.362978	-2.75498	0.00383084	0.363384	-2.75191	0.73566	0.915767	-1.09198	0.584788
cg09335829	MAOB	0.0226885	0.0770744	0.416016	-2.40376	0.0479215	0.364609	-2.74267	0.156269	0.508322	-1.96726	0.451125
cg07390373	MAOB	0.0287171	0.0243745	0.49468	-2.02151	0.0490032	1.80338	1.80338	0.687107	0.899217	-1.11208	0.0605344
cg08880153	MAP1A	0.000153744	0.0108255	0.502278	-1.99093	2.36E-05	6.14711	6.14711	7.13E-05	4.7472	4.7472	0.0105719
cg18973735	MAP1A	0.000560434	0.928198	0.989559	-1.01055	0.00372412	0.633646	-1.57817	0.105992	0.81415	-1.22828	0.00126175
cg23987491	MAP1A	0.0248849	0.323743	1.31535	1.31535	0.0441779	1.86224	1.86224	0.0310795	1.97511	1.97511	0.503465
cg02779016	MAP1A	0.0432566	0.265633	1.20652	1.20652	0.354625	1.16663	1.16663	0.00382435	1.87968	1.87968	0.273159
cg11421604	MAP1B	0.001216	?	?	?	0.0169658	3.03414	3.03414	0.0191175	2.93801	2.93801	0.229329
cg05173749	MAP1B	0.00128699	0.0321624	0.504962	-1.98035	0.00426432	2.83262	2.83262	0.0725778	1.72544	1.72544	0.5912
cg05528102	MAP1B	0.00190925	0.5567	0.968775	-1.03223	0.012022	1.18196	1.18196	0.00109389	1.2931	1.2931	0.874717
cg26001333	MAP1B	0.00244378	0.411137	1.11487	1.11487	0.00810902	0.644936	-1.55054	0.00585227	0.627008	-1.59488	0.508563
cg16079958	MAP1B	0.00246164	0.0391291	0.695522	-1.43777	0.233438	1.20926	1.20926	0.791123	0.960432	-1.0412	0.584624
cg04243968	MAP1B	0.0127502	0.729478	1.11884	1.11884	0.00572982	3.22724	3.22724	0.00390305	3.51399	3.51399	0.0329274
ch.5.1339988F	MAP1B	0.0175862	0.127158	1.30949	1.30949	0.0413088	1.46917	1.46917	0.0370085	0.673095	-1.48567	0.390925
cg21912162	MAP1B	0.033595	0.12568	0.715068	-1.39847	0.111241	0.703903	-1.42065	0.176642	0.747752	-1.33734	0.269672
cg26707416	MAP1B	0.0433004	0.909034	1.03677	1.03677	0.0218596	2.38527	2.38527	0.00522731	3.20314	3.20314	0.581843
cg15126050	MAP1B	0.0469753	0.0795334	0.424119	-2.35783	0.150694	0.507204	-1.97159	0.709126	0.847766	-1.17957	0.0235408
cg03398383	MAP1D	0.00644659	0.232807	0.658785	-1.51795	0.505434	0.798184	-1.25284	0.0621222	0.496293	-2.01494	0.000284453
cg03157700	MAP1D	0.00883834	0.134566	0.661211	-1.51238	0.0201225	0.487314	-2.05207	0.000721729	0.267386	-3.73992	0.00867798
cg24724664	MAP1D	0.0119215	0.806164	1.14303	1.14303	0.00135881	12.5374	12.5374	0.0354682	3.78609	3.78609	0.235603
cg12608433	MAP1D	0.0122278	0.123805	1.74706	1.74706	0.000858799	5.34205	5.34205	0.298973	1.43383	1.43383	0.839507
cg16760971	MAP1D	0.0251748	0.0129391	0.462247	-2.16334	0.00593335	0.406541	-2.45978	0.048286	0.568665	-1.7585	0.29299
cg14880655	MAP1LC3A	0.0001549	0.253937	0.820766	-1.21837	9.16E-05	3.18544	3.18544	0.972037	0.994205	-1.00583	0.927896
cg00864334	MAP1LC3A	0.000482427	4.69E-05	0.145736	-6.86174	0.0315889	0.531353	-1.88199	0.00118219	0.303218	-3.29796	0.0955545
cg23392434	MAP1LC3A	0.00678832	0.239473	0.883792	-1.13149	0.41651	0.920096	-1.08684	0.00539274	0.692557	-1.44392	0.185931
cg27624319	MAP1LC3A;MAP1LC3A	0.000284155	0.000342221	4.31923	4.31923	0.132646	1.46885	1.46885	0.0054104	2.45104	2.45104	9.30E-05
cg07486199	MAP1LC3A;MAP1LC3A	0.00832772	0.156034	1.87401	1.87401	0.0100906	3.8325	3.8325	0.0185451	3.25973	3.25973	0.00941356
cg15112783	MAP1LC3A;MAP1LC3A	0.0187164	0.013858	4.8779	4.8779	0.00494005	6.95924	6.95924	0.0199985	4.31892	4.31892	0.0293782
cg27121342	MAP1LC3B	0.0258495	0.684793	0.881469	-1.13447	0.0024847	0.272573	-3.66874	0.0261667	0.442368	-2.26056	0.235231
cg01884549	MAP1LC3B2	0.000394466	0.000447877	0.0843157	-11.8602	5.69E-05	0.0355042	-28.1657	0.0100835	0.234509	-4.26424	0.00645997
cg12078937	MAP1LC3B2	0.00200152	0.0956812	1.53799	1.53799	0.00192742	0.356135	-2.80793	0.00229572	0.366991	-2.72486	0.964882
cg26812615	MAP1LC3B2	0.00438137	0.00237687	0.167563	-5.96791	0.00153006	0.146146	-6.84246	0.00308051	0.181192	-5.51901	0.0549631
cg03822198	MAP1LC3B2	0.00702752	0.0120341	0.0985029	-10.152	0.000446185	0.0165771	-60.3241	0.0176218	0.118023	-8.47289	0.0649064
cg04799451	MAP1LC3B2	0.00771323	0.0724665	0.520335	-1.92184	0.00557995	0.305307	-3.27539	0.0532091	0.488743	-2.04606	0.911562
cg23512558	MAP1LC3B2	0.0158803	0.00495893	0.253245	-3.94875	0.00303	0.223152	-4.48124	0.005097	0.255003	-3.92153	0.198968
cg12506165	MAP1LC3B2	0.0219717	0.0102362	0.274637	-3.64117	0.0069725	0.248226	-4.02859	0.00310521	0.198863	-5.02858	0.0863128
cg18615133	MAP1LC3B2	0.0400529	0.0290074	0.264065	-3.78695	0.00316511	0.124185	-8.05253	0.0347672	0.279956	-3.572	0.135182
cg12196045	MAP1LC3B2;MAP1LC3B2	0.00508004	0.00317967	0.0997993	-10.0201	0.00171609	0.0773038	-12.936	0.0175148	0.191288	-5.22773	0.0426325
cg09211521	MAP1LC3B;FBXO31	0.00309425	5.47E-05	0.16704	-5.98659	0.510056	0.852868	-1.17251	0.383483	1.23719	1.23719	0.149459
cg23636419	MAP1LC3B;FBXO31	0.0418109	0.370485	1.14579	1.14579	0.00225313	1.88272	1.88272	0.640406	1.07211	1.07211	0.280001
cg01199807	MAP1LC3C	0.00948947	0.146738	0.781452	-1.27967	0.843099	1.03187	1.03187	0.0283849	0.663874	-1.50631	0.96383
cg24074785	MAP1LC3C	0.0137312	0.0694374	3.50361	3.50361	0.514361	0.664832	-1.50414	0.0144303	6.43238	6.43238	0.137449
cg07315010	MAP1LC3C	0.0170679	0.0591113	4.53879	4.53879	0.326848	0.487489	-2.05133	0.0454146	5.09806	5.09806	0.695673
cg14072219	MAP1LC3C	0.0201658	0.017298	0.318245	-3.14223	0.0134117	0.298447	-3.35067	0.0156075	0.310118	-3.22457	0.22715
cg18882407	MAP1LC3C	0.0365171	0.148182	2.76715	2.76715	0.862288	0.892324	-1.12067	0.0429749	4.61022	4.61022	0.939412
cg22850451	MAP1S	0.00103289	0.661064	0.90091	-1.10999	0.00123083	3.05792	3.05792	0.0470493	1.71182	1.71182	0.873131
cg08692328	MAP1S	0.0112187	0.15456	0.796442	-1.25558	0.346915	0.865309	-1.15566	0.0209575	0.660398	-1.51424	0.0131467
cg02674562	MAP1S	0.0160296	0.400762	1.76539	1.76539	0.00112503	23.7744	23.7744	0.00125585	22.4846	22.4846	0.364833
cg02454028	MAP1S	0.0214696	0.374906	1.30947	1.30947	0.00284259	3.37461	3.37461	0.0199357	2.2973	2.2973	0.80074
cg04022891	MAP1S	0.0217635	0.034314	0.594324	-1.68258	0.365252	1.21659	1.21659	0.0185208	0.54778	-1.82555	0.696794
cg22824647	MAP1S	0.0401298	0.0027098	0.216797	-4.61261	0.0604152	0.469917	-2.12804	0.675796	1.15873	1.15873	0.987519
cg03192619	MAP1S	0.0432631	0.0172434	0.712872	-1.40278	0.0757728	0.794091	-1.2593	0.137687	0.829873	-1.205	0.0391078
cg08113998	MAP1S	0.0461255	0.0189999	0.624781	-1.60056	0.483879	1.12506	1.12506	0.457585	1.13348	1.13348	0.703592
cg14361132	MAP2	0.00078065	0.0172342	0.58046	-1.72277	0.018774	1.70532	1.70532	0.12271	1.36822	1.36822	0.918844
cg15832957	MAP2	0.000960226	0.0386124	0.715351	-1.39792	0.00595085	1.65352	1.65352	0.000157583	2.46929	2.46929	0.68168
cg24753473	MAP2	0.0250703	0.00526246	0.56039	-1.78447	0.801128	1.04052	1.04052	0.0114616	1.6452	1.6452	0.0738734
cg22036003	MAP2	0.0292493	0.0449143	0.380811	-2.62597	0.278045	0.623043	-1.60503	0.707164	1.17152	1.17152	0.79757
cg24419856	MAP2	0.0434808	0.507732	1.16665	1.16665	0.602635	1.12803	1.12803	0.24091	0.754581	-1.32524	0.176472
cg00135874	MAP2;MAP2;MAP2;MAP2	0.00424186	0.27165	0.669143	-1.49445	0.123107	0.556299	-1.79759	0.0101946	0.320662	-3.11855	0.457168
cg07701837	MAP2;MAP2;MAP2;MAP2	0.0054788	0.00273549	0.242551	-4.12285	0.014383	0.355791	-2.81064	0.218288	0.641759	-1.55822	0.448864
cg14010448	MAP2;MAP2;MAP2;MAP2	0.0351486	0.020187	0.500083	-1.99967	0.406246	0.810445	-1.23389	0.436852	0.821846	-1.21677	0.472943
cg24449302	MAP2K1	3.90E-05	0.509073	0.96109	-1.04049	0.142981	0.910941	-1.09777	0.0519342	1.14001	1.14001	0.0125875
cg04709931	MAP2K1	0.00140682	0.000274441	0.358721	-2.78768	0.74756	0.94596	-1.05713	0.939787	0.987088	-1.01308	0.483445
cg05866062	MAP2K1	0.0056511	0.000558813	0.21213	-4.71409	0.398572	1.2845	1.2845	0.42412	0.789403	-1.26678	0.0732017
cg17386689	MAP2K1	0.00981352	0.00773786	0.546705	-1.82914	0.0440427	1.50445	1.50445	0.538064	0.89579	-1.11633	0.427855
cg13193848	MAP2K1	0.0102518	0.00209218	0.563717	-1.77394	0.981362	1.0031	1.0031	0.88566	1.01923	1.01923	0.348973
cg07017800	MAP2K1	0.0127808	0.0610549	1.55704	1.55704	0.18946	1.3385	1.3385	0.655058	0.909993	-1.09891	0.0271894
cg21070009	MAP2K1	0.040108	0.484201	0.801098	-1.24829	0.513355	1.22971	1.22971	0.219156	0.668231	-1.49649	0.94101
cg08120210	MAP2K1	0.0480415	0.0671713	0.395933	-2.52568	0.160953	0.508532	-1.96645	0.128804	0.476496	-2.09866	0.184895
cg11797222	MAP2K1;MAP2K1	0.0352443	0.580042	0.960275	-1.04137	0.0499007	0.850277	-1.17609	0.839567	0.985406	-1.01481	0.600537
cg17821158	MAP2K2	0.0020734	0.0104025	0.719717	-1.38944	0.780604	1.02887	1.02887	0.00136662	0.622741	-1.6058	0.0264311
cg08468472	MAP2K2	0.00221583	0.396196	0.80556	-1.24137	0.0438024	0.561776	-1.78007	0.00849232	0.433442	-2.30711	0.0408205
cg01291544	MAP2K2	0.00475519	0.0081586	0.574801	-1.73973	0.0117045	0.597421	-1.67386	0.21538	1.23771	1.23771	0.0153671
cg19443642	MAP2K2	0.0066057	0.0869879	0.510485	-1.95892	0.228775	0.638046	-1.56728	0.58097	0.820095	-1.21937	0.890796
cg21893559	MAP2K2	0.00804374	0.811009	1.10264	1.10264	0.00848372	3.93732	3.93732	0.467823	0.739844	-1.35164	0.903956
cg02415231	MAP2K2	0.0365428	0.0399613	0.487826	-2.04991	0.0791585	1.80267	1.80267	0.365096	0.754765	-1.32492	0.685144
cg14573876	MAP2K2	0.0403893	0.174007	0.434418	-2.30193	0.641197	1.31071	1.31071	0.0377942	0.249393	-4.00974	0.304748
cg19423175	MAP2K2	0.0460968	0.197978	0.813451	-1.22933	0.0105945	0.613985	-1.62871	0.103916	0.763522	-1.30972	0.207798
cg03016975	MAP2K2;MAP2K2	0.0142757	0.164614	0.558561	-1.79031	0.000629996	0.126958	-7.87659	0.102959	0.496224	-2.01522	0.0904619
cg18881501	MAP2K3	0.00706416	0.0129693	0.453802	-2.2036	0.00131468	3.31351	3.31351	0.549378	0.856231	-1.16791	0.256099
cg05679521	MAP2K3	0.0151224	0.207606	0.769498	-1.29955	0.00208781	2.34896	2.34896	0.0123794	1.8477	1.8477	0.26829
cg11469540	MAP2K3	0.0318703	0.0327866	0.229288	-4.36133	0.89065	0.922082	-1.0845	0.944737	1.04173	1.04173	0.187023
cg20744152	MAP2K3	0.0349846	0.494393	0.886665	-1.12782	0.403152	1.15986	1.15986	0.0717386	1.41698	1.41698	0.23163
cg25538809	MAP2K3	0.0367605	0.353835	1.29359	1.29359	0.0472033	0.54184	-1.84556	0.0408447	1.89086	1.89086	0.288296
cg10065520	MAP2K3;MAP2K3	0.00114319	0.0749056	0.691149	-1.44687	0.00650354	1.93216	1.93216	0.000592576	0.372395	-2.68532	0.0798541
cg18212305	MAP2K3;MAP2K3	0.00399217	0.287545	0.794479	-1.25869	0.000802539	0.348492	-2.8695	0.0212957	0.561773	-1.78008	0.0845794
cg06076794	MAP2K3;MAP2K3	0.0483556	0.0107996	0.436942	-2.28864	0.470391	0.82706	-1.2091	0.523349	0.845996	-1.18204	0.469236
cg06964954	MAP2K4	0.0019113	0.474143	0.904054	-1.10613	0.91551	0.985403	-1.01481	0.0177399	1.49112	1.49112	0.390938
cg03643423	MAP2K4	0.00230028	0.054154	0.484143	-2.0655	0.413473	0.757684	-1.31981	0.0100083	0.33986	-2.94239	0.292744
cg08891406	MAP2K4	0.00562356	0.499884	0.82253	-1.21576	0.255499	1.40511	1.40511	0.164369	1.53193	1.53193	0.000100795
cg25054581	MAP2K4	0.00928428	0.360355	0.816322	-1.22501	0.000886976	0.34136	-2.92946	0.0141948	0.520502	-1.92122	0.0524634
cg13048808	MAP2K4	0.0127363	0.070623	1.19254	1.19254	0.00601273	1.36731	1.36731	0.0746233	0.841063	-1.18897	0.0546553
cg25237720	MAP2K4	0.0179243	0.0120934	0.418036	-2.39214	0.00831824	2.56077	2.56077	0.0132346	2.35367	2.35367	0.466494
cg02746232	MAP2K4	0.018838	0.213271	0.524088	-1.90808	0.180341	2.01637	2.01637	0.508956	1.39136	1.39136	0.316979
cg11312090	MAP2K4	0.021783	0.00567771	0.276319	-3.619	0.00366658	0.248395	-4.02584	0.485837	1.28537	1.28537	0.750173
cg05721377	MAP2K4	0.0315769	0.0167448	0.668535	-1.49581	0.278167	1.16825	1.16825	0.579992	0.925814	-1.08013	0.176679
cg22652561	MAP2K4	0.0366191	0.92284	0.956279	-1.04572	0.427969	0.688358	-1.45273	0.118367	2.18666	2.18666	0.0367509
cg27492928	MAP2K4	0.0453965	0.79702	0.897785	-1.11385	0.417864	1.41387	1.41387	0.142523	0.51714	-1.93371	0.98011
cg20243357	MAP2K4	0.0476773	0.624988	1.13905	1.13905	0.641093	1.13211	1.13211	0.882147	1.03999	1.03999	0.00512019
cg01678692	MAP2K4;MIR744	0.0270333	0.0734671	0.669525	-1.4936	0.106109	0.701328	-1.42587	0.0750142	1.4897	1.4897	0.97978
cg23746302	MAP2K5;MAP2K5	1.72E-06	0.000498893	1.4386	1.4386	0.00332652	1.30589	1.30589	0.447586	1.05304	1.05304	0.00316071
cg19326237	MAP2K5;MAP2K5	0.00446584	0.0554061	0.852868	-1.17251	0.00129632	0.70929	-1.40986	0.0190351	0.812155	-1.23129	0.454435
cg08036346	MAP2K5;MAP2K5	0.0046899	0.898084	0.964461	-1.03685	0.298754	0.737757	-1.35546	0.257	0.716001	-1.39665	0.486664
cg25642180	MAP2K5;MAP2K5	0.0131554	0.563538	1.09026	1.09026	0.00570616	0.58482	-1.70993	0.280127	0.846915	-1.18076	0.0629288
cg26333219	MAP2K5;MAP2K5	0.0258686	0.603153	0.899695	-1.11149	0.0363109	1.6331	1.6331	0.00235192	2.35219	2.35219	0.162999
cg01362115	MAP2K5;MAP2K5	0.0272103	0.00822803	0.310351	-3.22216	0.140161	1.73217	1.73217	0.0215719	0.384728	-2.59924	0.327739
cg01349190	MAP2K5;MAP2K5;MAP2K5;MAP2K5	0.000210292	9.68E-05	0.466185	-2.14507	0.924001	1.01056	1.01056	0.00911077	0.694401	-1.44009	0.627953
cg11838640	MAP2K5;MAP2K5;MAP2K5;MAP2K5	0.0252153	0.783452	0.926062	-1.07984	0.0929727	1.67422	1.67422	0.00598132	2.72331	2.72331	0.104691
cg18326562	MAP2K6	0.00059815	0.00356173	0.494225	-2.02337	0.136518	1.33146	1.33146	0.0228291	1.62601	1.62601	0.323106
cg23418434	MAP2K6	0.00511095	0.672292	1.13408	1.13408	0.0526074	1.91864	1.91864	0.728697	0.902152	-1.10846	0.00012161
cg17583957	MAP2K6	0.00702782	0.00844988	0.217191	-4.60424	0.357107	0.650461	-1.53737	0.0224051	0.288725	-3.4635	0.219488
cg19394103	MAP2K6	0.0118239	0.039852	0.683029	-1.46407	0.00814296	0.580736	-1.72195	0.00534945	0.555091	-1.80151	0.0254524
cg26551072	MAP2K6	0.0150464	0.312948	0.877863	-1.13913	0.000473514	1.98418	1.98418	0.922713	0.987962	-1.01218	0.617756
cg24500145	MAP2K6	0.0335142	0.178731	0.688276	-1.45291	0.476825	0.827656	-1.20823	0.343772	0.774896	-1.2905	0.770309

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02602864	MAP2K6;MAP2K6	0.00524042	0.42665	0.873904	-1.14429	0.284104	1.20295	1.20295	0.0652766	1.41006	1.41006	0.000353348	0.385603	-2.59334	0.980345	0.995918	-1.0041
cg09352715	MAP2K6;MAP2K6	0.0290365	0.258599	1.17024	1.17024	0.00102492	0.522497	-1.91388	0.420343	1.11606	1.11606	0.380195	1.12756	1.12756	0.803448	0.967287	-1.03382
cg27635983	MAP2K7	0.000244822	0.0631051	2.23203	2.23203	0.856589	0.932878	-1.07195	0.381192	1.41197	1.41197	0.59728	1.22726	1.22726	0.853733	0.93157	-1.07346
cg27497751	MAP2K7	0.00102633	0.00199234	0.303478	-3.29513	0.110025	0.621362	-1.60937	0.193677	1.45601	1.45601	0.000894877	0.257029	-3.89061	0.00372644	0.342957	-2.91582
cg23037274	MAP2K7	0.00765525	0.00161968	0.0885143	-11.2976	0.7437	0.838574	-1.1925	0.328357	0.581951	-1.71836	0.0049661	0.135907	-7.35795	0.0359584	0.270021	-3.70342
cg23850205	MAP2K7	0.0145505	0.00347652	0.274009	-3.64952	0.171134	0.621476	-1.60907	0.470999	0.787129	-1.27044	0.0260703	0.422337	-2.36778	0.00799075	0.329655	-3.03347
cg01076675	MAP2K7	0.030762	0.235255	1.16081	1.16081	0.391434	0.900093	-1.111	0.0381076	0.749652	-1.33395	0.0712366	1.2732	1.2732	0.639637	1.05816	1.05816
cg25782440	MAP2K7	0.0461993	0.0307876	0.543217	-1.84088	0.0174083	0.498309	-2.00679	0.0376995	0.559956	-1.78586	0.338394	0.788666	-1.26796	0.00862315	0.446748	-2.2384
cg16599526	MAP3K1	0.000651708	0.443163	0.84149	-1.18837	0.0142135	0.51292	-1.94962	0.00168393	0.371231	-2.69374	0.845198	1.04409	1.04409	0.893641	0.970906	-1.02997
cg20439101	MAP3K1	0.0052609	0.00237936	0.183581	-5.44718	0.135217	0.524987	-1.90481	0.00863188	0.261835	-3.8192	0.00448192	0.219481	-4.55621	0.947913	1.02649	1.02649
cg05214047	MAP3K1	0.0105026	0.685664	1.04309	1.04309	0.00507284	1.46824	1.46824	0.00998712	1.40106	1.40106	0.213925	0.87314	-1.14529	0.990487	0.998765	-1.00124
cg22571926	MAP3K1	0.015837	0.105584	1.2436	1.2436	0.0329654	1.36007	1.36007	0.547295	1.07799	1.07799	0.419487	1.10707	1.10707	0.345093	1.1274	1.1274
cg04452534	MAP3K1	0.021805	0.00422869	0.296112	-3.37709	0.00803487	0.339872	-2.94228	0.0143652	0.383259	-2.6092	0.513239	0.81001	-1.23455	0.640551	0.861188	-1.16119
cg24549020	MAP3K1	0.0258052	0.00257809	0.440853	-2.26833	0.71247	1.07526	1.07526	0.764952	1.06054	1.06054	0.367427	1.19901	1.19901	0.437977	1.16776	1.16776
cg19773222	MAP3K1	0.0289775	0.0491588	0.471793	-2.11957	0.688432	0.873854	-1.14436	0.983116	1.0071	1.0071	0.0659279	0.501477	-1.99411	0.00846073	0.324772	-3.07908
cg00254017	MAP3K1	0.0294025	0.00276807	0.157477	-6.35014	0.423426	0.693378	-1.44222	0.0143593	0.258785	-3.86421	0.144043	0.495132	-2.01966	0.453213	0.71019	-1.40807
cg21155100	MAP3K1	0.0301827	0.917024	0.981086	-1.01928	0.399175	0.853716	-1.17135	0.0139981	0.57348	-1.74374	0.571542	1.11045	1.11045	0.103809	1.38532	1.38532
cg03609598	MAP3K1	0.0323205	0.00162085	0.358023	-2.79312	0.190777	1.37021	1.37021	0.173827	1.38953	1.38953	0.179749	0.723292	-1.38257	0.219724	0.74572	-1.34099
cg23094728	MAP3K1	0.0328352	0.0240444	0.225971	-4.42534	0.200767	2.11018	2.11018	0.391853	1.62387	1.62387	0.744578	0.834714	-1.19801	0.64794	0.775636	-1.28926
cg20005624	MAP3K10	0.00236107	0.542941	0.950971	-1.05156	0.0025099	1.40869	1.40869	0.0268549	1.23869	1.23869	0.230756	0.902459	-1.10808	0.0113688	1.29522	1.29522
cg01443538	MAP3K10	0.00309329	0.00827493	0.64286	-1.55555	0.049308	0.745575	-1.34125	0.110711	1.25536	1.25536	0.0048162	0.61298	-1.63137	0.00833595	0.643268	-1.55456
cg17229561	MAP3K10	0.00410719	0.624469	0.906639	-1.10298	0.0906108	1.44828	1.44828	0.521077	0.878789	-1.13793	0.632053	1.10058	1.10058	7.13E-05	0.237363	-4.21295
cg00911192	MAP3K10	0.0187577	0.685746	1.06725	1.06725	0.130772	0.77023	-1.29831	0.0582361	0.710033	-1.40839	0.0966882	0.746947	-1.33878	0.163065	1.26897	1.26897
cg00373967	MAP3K10	0.0206349	0.0178408	0.251213	-3.98069	0.859239	0.918369	-1.08889	0.0250093	0.278248	-3.59392	0.222742	1.849	1.849	0.00408193	0.157411	-6.35281
cg24079830	MAP3K10	0.021763	0.483719	0.83507	-1.1975	0.394845	0.801965	-1.24694	0.582517	1.15096	1.15096	0.945902	0.982962	-1.01733	0.000518946	0.25386	-3.93918
cg22939113	MAP3K10	0.021914	0.980414	1.00474	1.00474	0.00342327	2.14965	2.14965	0.31763	0.819722	-1.21993	0.690725	1.08	1.08	0.803256	1.04921	1.04921
cg14074431	MAP3K10;MAP3K10	0.0220453	0.276285	0.832357	-1.20141	0.230266	1.22623	1.22623	0.800783	1.04182	1.04182	0.422277	1.14204	1.14204	0.227857	1.22765	1.22765
cg27468926	MAP3K10;MAP3K10	0.0307659	0.376786	1.12847	1.12847	0.271941	0.85865	-1.16462	0.0202891	1.45194	1.45194	0.739722	0.956543	-1.04543	0.139888	0.809233	-1.23574
cg25244628	MAP3K11	6.80E-05	2.75E-05	0.425473	-2.35032	0.0497985	1.26026	1.26026	4.85E-05	0.453842	-2.20341	0.0458087	0.789248	-1.26703	0.431281	0.920317	-1.08658
cg23226763	MAP3K11	0.000311212	0.103038	0.842633	-1.18676	0.00259301	0.669828	-1.49292	6.55E-06	0.381637	-2.62029	0.271088	0.89583	-1.11628	0.0993161	0.840756	-1.18941
cg19044229	MAP3K11	0.000904173	0.283944	1.54873	1.54873	0.565359	1.25656	1.25656	0.0330632	2.66268	2.66268	0.188824	1.72821	1.72821	0.797165	1.10651	1.10651
cg01180479	MAP3K11	0.00139154	0.235865	1.81708	1.81708	0.970388	0.982312	-1.01801	0.118804	2.25693	2.25693	0.187921	1.95593	1.95593	0.752039	1.16462	1.16462
cg04798016	MAP3K11	0.00147195	0.190958	1.98812	1.98812	0.408583	1.52114	1.52114	0.0404401	3.2368	3.2368	0.0904933	2.52352	2.52352	0.641397	1.2621	1.2621
cg11392776	MAP3K11	0.00212773	0.830516	1.07004	1.07004	0.0783303	1.85449	1.85449	0.15189	1.62384	1.62384	0.108697	1.73764	1.73764	0.57474	0.836081	-1.19606
cg19811337	MAP3K11	0.0040024	0.0631468	3.74294	3.74294	0.136775	0.363404	-2.75176	0.0568966	3.89928	3.89928	0.0497616	4.10967	4.10967	0.525514	0.666131	-1.50121
cg15976910	MAP3K11	0.00570425	0.937764	0.981281	-1.01908	0.00129229	3.10988	3.10988	0.850704	1.04665	1.04665	0.00948034	2.21537	2.21537	0.0704304	0.613053	-1.63118
cg17565303	MAP3K11	0.0361656	0.808675	1.15426	1.15426	0.0278788	4.64941	4.64941	0.263179	1.99337	1.99337	0.844906	1.1228	1.1228	0.00440193	0.10557	-9.47234
cg07019283	MAP3K11	0.0455415	0.807545	0.975682	-1.02492	0.0462865	1.25897	1.25897	0.00230497	1.53666	1.53666	0.0296762	1.29459	1.29459	0.708239	1.03865	1.03865
cg16331883	MAP3K12	0.000590804	0.0721393	0.630048	-1.58718	0.0857554	1.54818	1.54818	0.609729	1.1258	1.1258	2.24E-05	7.07654	7.07654	0.0319751	0.560792	-1.78319
cg20414262	MAP3K12	0.0302476	0.670368	0.935809	-1.06859	0.133809	1.28474	1.28474	0.00177199	1.99326	1.99326	0.336756	1.16587	1.16587	0.794434	0.960347	-1.04129
cg18070593	MAP3K12	0.0317001	0.0128463	0.224951	-4.44541	0.691701	0.824932	-1.21222	0.226618	1.84594	1.84594	0.0192698	0.254897	-3.92315	0.0101542	0.208985	-4.78503
cg01696984	MAP3K13	3.47E-05	0.0010395	0.425864	-2.34817	9.47E-05	0.294495	-3.39564	7.32E-05	0.281415	-3.55347	0.338674	0.840827	-1.18931	1.83E-05	0.215227	-4.64625
cg19418951	MAP3K13	0.000173971	0.561028	0.934181	-1.07046	0.00856985	1.47466	1.47466	0.562078	0.934355	-1.07026	0.000116412	0.457408	-2.18623	0.240722	0.867389	-1.15289
cg14998896	MAP3K13	0.00385063	0.0730316	0.372412	-2.6852	0.000260397	0.0514547	-19.4346	0.00460577	0.155227	-6.4422	0.176614	0.491827	-2.03323	0.0271889	0.274856	-3.63827
cg21574349	MAP3K13	0.0179359	0.00504214	0.300472	-3.32809	0.0028078	3.79895	3.79895	0.153564	1.6411	1.6411	0.986434	1.00553	1.00553	0.342895	1.37271	1.37271
cg18444689	MAP3K13	0.0252264	0.0866682	0.357182	-2.79969	0.00477219	0.130258	-7.67706	0.0260543	0.237689	-4.20718	0.671618	0.792958	-1.2611	0.0541748	0.304567	-3.28335
cg25191743	MAP3K14	5.55E-05	0.91258	0.990774	-1.00931	0.0177273	0.783976	-1.27555	0.779687	1.02395	1.02395	0.00184394	0.688523	-1.45238	7.35E-06	0.434347	-2.30231
cg03787849	MAP3K14	0.000113366	0.0115658	0.633346	-1.57892	0.213765	0.827487	-1.20848	0.0648193	1.34982	1.34982	2.56E-06	0.193258	-5.17444	0.000230176	0.412827	-2.42232
cg08545422	MAP3K14	0.00924058	0.175312	1.64238	1.64238	0.574035	1.21406	1.21406	0.347374	1.39292	1.39292	0.162779	0.598572	-1.67064	0.000558911	0.140267	-7.12925
cg20864568	MAP3K14	0.0141071	0.00459366	0.236975	-4.21985	0.0291187	0.374803	-2.66807	0.0460443	0.417896	-2.39294	0.0334355	0.387343	-2.58169	0.00952348	0.285548	-3.50204
cg15770702	MAP3K14	0.0199628	0.00218474	0.0865608	-11.5526	0.875825	0.914816	-1.09312	0.858851	1.10666	1.10666	0.956566	0.969467	-1.03149	0.00186188	0.0809749	-12.3495
cg02381383	MAP3K14	0.0317082	0.759455	0.957532	-1.04435	0.0447666	1.38474	1.38474	0.603293	1.07689	1.07689	0.177401	1.22453	1.22453	0.162048	1.23485	1.23485
cg07370464	MAP3K14	0.0333614	0.126912	1.23396	1.23396	0.0360186	0.733039	-1.36418	0.318819	0.877047	-1.14019	0.229392	0.851631	-1.17422	0.0684393	0.771238	-1.29662
cg00146864	MAP3K14	0.0406957	0.0145094	0.185448	-5.39235	0.00510108	0.126091	-7.93076	0.0713261	0.324017	-3.08625	0.181242	0.451964	-2.21256	0.0197297	0.206889	-4.8335
cg08823240	MAP3K14	0.0437411	0.0148049	0.263087	-3.80102	0.137367	2.03913	2.03913	0.0723066	2.44273	2.44273	0.98441	1.00874	1.00874	0.0650417	0.397527	-2.51555
cg00696803	MAP3K14	0.0479334	0.0163497	2.09166	2.09166	0.0100794	0.442044	-2.26222	0.298403	0.762622	-1.31127	0.161861	0.68692	-1.45577	0.0515934	0.572907	-1.74548
cg22482194	MAP3K14;MAP3K14	0.0312049	0.888269	0.950203	-1.05241	0.449304	0.754281	-1.32577	0.0894791	2.02412	2.02412	0.323703	0.687551	-1.45444	0.0358968	0.391184	-2.55634
cg26582789	MAP3K15	0.000498023	0.00387207	0.39194	-2.55141	0.000411251	0.259171	-3.85846	0.000407433	0.258677	-3.86583	0.00203999	0.351101	-2.84818	0.0057828	0.418757	-2.38802
cg18817143	MAP3K15	0.00399714	0.00143195	0.0218397	-45.7882	0.0375523	0.160592	-6.22695	0.943382	0.950355	-1.05224	0.307422	2.15315	2.15315	0.0208268	0.117736	-8.49356
cg12814305	MAP3K15	0.00517871	0.116622	1.88738	1.88738	0.00522666	0.253425	-3.94594	0.393003	0.721801	-1.38542	0.735242	1.1348	1.1348	0.000625265	0.140877	-7.0984
cg17585174	MAP3K15	0.00865038	0.0820157	1.87695	1.87695	0.0392668	0.456173	-2.19215	0.0726392	0.519354	-1.92547	0.00195292	0.225083	-4.44281	0.00220196	0.232419	-4.30257
cg00072587	MAP3K15	0.0221641	0.0121892	0.183976	-5.4355	0.00728215	0.15321	-6.52701	0.0358494	0.266225	-3.75622	0.0582174	0.313437	-3.19044	0.0214651	0.223717	-4.46993
cg04768884	MAP3K15	0.0430244	0.426492	1.39872	1.39872	0.639811	0.823019	-1.21504	0.17049	0.547049	-1.82799	0.014933	0.290279	-3.44497	0.00823287	0.247398	-4.04207
cg14269301	MAP3K15	0.0431848	0.135223	0.484847	-2.06251	0.00453483	0.182768	-5.4744	0.270041	0.596701	-1.67588	0.0340712	3.04045	3.04045	0.233883	0.5706	-1.75254
cg19287179	MAP3K15;PDHA1	9.01E-05	0.000591804	0.425429	-2.35057	0.00347736	0.52789	-1.89433	2.16E-05	0.252507	-3.96029	7.79E-05	0.316087	-3.16369	0.000333883	0.393625	-2.54049
cg22596016	MAP3K3;MAP3K3	0.00336974	0.0586149	0.536771	-1.86299	0.577246	0.848741	-1.17822	0.00180586	0.274615	-3.64146	0.0362268	0.492016	-2.03245	0.502876	1.21899	1.21899
cg08815352	MAP3K3;MAP3K3	0.017671	0.111674	0.620953	-1.61043	0.101886	0.611111	-1.63637	0.300024	0.744237	-1.34366	0.0282821	2.03859	2.03859	0.00259685	0.317355	-3.15104
cg10535017	MAP3K3;MAP3K3	0.0214733	0.406152	0.640786	-1.56058	0.293051	1.77046	1.77046	0.117818	2.43382	2.43382	0.00159081	0.0931698	-10.7331	0.886948	0.92821	-1.07734
cg00743081	MAP3K3;MAP3K3	0.0240777	0.0225753	0.381446	-2.6216	0.24977	0.654111	-1.52879	0.0429014	0.439408	-2.27579	0.233559	0.643547	-1.55389	0.0313321	0.410108	-2.43838
cg21119468	MAP3K4;MAP3K4	6.25E-06	8.16E-08	0.0229736	-43.5282	0.829706	1.04687	1.04687	0.728493	1.07693	1.07693	0.197916	1.33566	1.33566	0.108902	1.45042	1.45042
cg03649130	MAP3K4;MAP3K4	0.00143853	0.017969	0.602469	-1.65984	2.31E-05	0.225008	-4.44429	0.188363	0.782199	-1.27845	0.0104442	0.566564	-1.76503	0.12651	0.747278	-1.33819
cg11244640	MAP3K4;MAP3K4	0.00165243	0.218737	0.827278	-1.20878	0.0275429	1.46525	1.46525	0.0237671	1.48524	1.48524	7.79E-05	0.350597	-2.85228	0.287678	0.850599	-1.17564
cg09839738	MAP3K4;MAP3K4	0.00832631	0.0116952	1.37633	1.37633	0.0510337	0.798253	-1.25274	0.197672	0.871043	-1.14805	0.00046912	1.7462	1.7462	0.814785	1.02408	1.02408
cg25138713	MAP3K4;MAP3K4	0.0121284	0.0253733	0.281318	-3.55469	0.00322241	0.146877	-6.8084	0.0101275	0.212658	-4.70239	0.807159	0.889845	-1.12379	0.00174815	0.118934	-8.40799
cg04169380	MAP3K4;MAP3K4	0.0180615	0.0555861	0.423856	-2.35929	0.0260121	0.351549	-2.84455	0.101569	0.492001	-2.03252	0.679684	1.17855	1.17855	0.00227688	0.184758	-5.41248
cg11396485	MAP3K4;MAP3K4	0.018431	0.17484	0.820073	-1.2194	0.170491	0.818207	-1.22218	0.536226	1.08991	1.08991	0.346049	0.875126	-1.14269	0.26619	1.17263	1.17263
cg21434563	MAP3K4;MAP3K4	0.0250713	0.0489275	1.73886	1.73886	0.00175069	2.99657	2.99657	0.0296524	1.87739	1.87739	0.506196	1.18052	1.18052	0.13212	1.49161	1.49161
cg18471029	MAP3K5	2.86E-07	1.88E-06	0.4768	-2.09732	0.0824987	0.886588	-1.12792	8.22E-07	0.438227	-2.28192	0.00480113	0.791179	-1.26394	2.02E-05	0.583051	-1.71512
ch.6.2625594F	MAP3K5	0.00026205	0.129582	0.596395	-1.67674	0.0191902	0.408893	-2.44563	0.0877857	0.551715	-1.81253	0.754312	0.905664	-1.10416	3.92E-06	0.0336825	-29.689
cg08719701	MAP3K5	0.00151081	0.431953	1.08697	1.08697	0.123081	0.840556	-1.18969	0.00567806	1.45825	1.45825	0.107093	0.832857	-1.20069	0.0218658	0.751232	-1.33115
cg25277723	MAP3K5	0.00373654	0.000503546	0.159554	-6.26747	0.528871	0.806302	-1.24023	0.185526	0.622656	-1.60602	0.907951	0.961719	-1.0398	0.002758	0.248163	-4.02961
cg07474842	MAP3K5	0.00516752	0.030432	0.603694	-1.65647	0.130253	0.723083	-1.38297	0.0123371	0.538938	-1.8555	0.00310305	0.448112	-2.23158	0.935298	1.01624	1.01624
cg26680608	MAP3K5	0.00700219	0.203669	0.701016	-1.4265	0.010039	0.423	-2.36407	0.00703949	0.397569	-2.51529	0.0862611	0.605435	-1.65171	0.447311	0.814597	-1.2276
cg27501748	MAP3K5	0.0401666	0.16284	1.99137	1.99137	0.0752048	2.49933	2.49933	0.0152364	3.96688	3.96688	0.0523493	2.77391	2.77391	0.293387	0.604129	-1.65528
cg01792203	MAP3K5	0.0456085	0.250291	1.48755	1.48755	0.117916	0.570486	-1.75289	0.782457	1.09582	1.09582	0.421342	0.762203	-1.31199	0.02246	0.405009	-2.46908
cg04862314	MAP3K6	6.32E-06	0.121003	1.45753	1.45753	0.720714	1.08376	1.08376	0.0324176	1.75271	1.75271	0.208014	0.742713	-1.34642	5.35E-08	0.0150659	-66.3752
cg11705208	MAP3K6	3.85E-05	0.733222	1.05613	1.05613	0.283803	0.837163	-1.19451	8.75E-05	0.325414	-3.07301	0.576929	0.913968	-1.09413	6.72E-07	0.115375	-8.66737
cg11592082	MAP3K6	3.94E-05	0.0732608	0.720531	-1.38787	0.774071	1.04836	1.04836	6.10E-05	0.296927	-3.36783	0.0729	0.720167	-1.38857	8.75E-06	0.205157	-4.87431
cg01394052	MAP3K6	0.000696595	0.0144856	0.560199	-1.78508	0.260551	1.25322	1.25322	3.19E-05	0.210591	-4.74854	0.126981	1.37367	1.37367	0.00063372	0.364313	-2.74489
cg00730820	MAP3K6	0.00157133	0.0025561	0.291436	-3.43129	0.110475	0.598994	-1.66946	0.0831066	0.568162	-1.76006	0.170331	0.650325	-1.53769	3.48E-05	0.0946022	-10.5706
cg02673986	MAP3K6	0.00187987	0.00794877	0.45132	-2.21572	0.155329	0.700839	-1.42686	0.0233544	0.530751	-1.88412	0.0864467	1.55702	1.55702	0.000188537	0.229389	-4.35941
cg06361006	MAP3K6	0.00215514	0.0152086	1.47497	1.47497	0.005003	0.61621	-1.62282	0.000361109	0.474433	-2.10778	0.0322107	1.38678	1.38678	0.793642	1.03476	1.03476
cg09230763	MAP3K6	0.00316544	0.156992	0.509517	-1.96264	0.851671	1.08696	1.08696	0.00131187	0.124479	-8.03349	0.243485	0.58062	-1.7223	0.000344001	0.0767798	-13.0243
cg04789365	MAP3K6	0.00485782	0.000633473	0.352297	-2.83851	0.786872	0.947569	-1.05533	0.00112147	0.385445	-2.5944	0.172999	0.749637	-1.33398	0.0163848	0.558202	-1.79147
cg06509993	MAP3K6	0.00531054	0.0421457	0.869974	-1.14946	0.600275	0.969032	-1.03196	0.104381	1.1114	1.1114	0.00626529	0.809033	-1.23604	0.0109497	1.20922	1.20922
cg13449606	MAP3K6	0.0110647	0.291802	1.28409	1.28409	0.275214	0.77143	-1.29629	0.00462617	0.422594	-2.36634	0.836399	0.95383	-1.04841	0.000423335	0.27898	-3.58448
cg25133130	MAP3K6	0.0111264	0.000507779	0.309873	-3.22713	0.444163	0.845133	-1.18325	0.610056	0.894991	-1.11733	0.0261748	0.566081	-1.76653	0.00418577	0.437115	-2.28773
cg06035600	MAP3K6	0.0172583	0.0273897	4.47169	4.47169	0.0707543	3.18631	3.18631	0.253648	1.98218	1.98218	0.0708564	3.18466	3.18466	0.016441	5.37931	5.37931
cg26038649	MAP3K6	0.0246903	0.360487	0.693288	-1.4424	0.0374465	0.390286	-2.56223	0.00827044	0.268259	-3.72773	0.783302	0.898148	-1.1134	0.0020997	0.185274	-5.39743
cg15077218	MAP3K6	0.0263927	0.750583	0.91865	-1.08855	0.209595	0.703389	-1.42169	0.00104261	0.274879	-3.63797	0.304202	0.753428	-1.32727	0.2056	0.700972	-1.42659
cg27223343	MAP3K6;MAP3K6	0.0344917	0.644776	0.924014	-1.08223	0.583974	0.910159	-1.09871	0.220841	1.24495	1.24495	0.00373775	0.513497	-1.94743	0.197153	0.792869	-1.26124
cg00693769	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.00366416	0.0183643	1.63117	1.63117	0.387619	0.859482	-1.16349	0.0162811	1.65266	1.65266	0.758081	0.948542	-1.05425	0.000175949	0.336936	-2.96792
cg23128651	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.00456395	0.000392617	0.136741	-7.31312	0.0501842	2.19572	2.19572	0.00825495	3.28693	3.28693	0.432413	1.32608	1.32608	0.0253642	0.392104	-2.55035
cg21532618	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.00571699	0.00321437	0.608172	-1.64427	0.711983	1.04693	1.04693	0.00416619	0.621952	-1.60784	0.0796532	0.786183	-1.27197	0.000516338	0.511693	-1.9543
cg18683523	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.0163429	0.00741014	0.313515	-3.18964	0.0691968	0.504799	-1.98099	0.321546	0.708682	-1.41107	0.319954	0.707825	-1.41278	0.00471893	0.282999	-3.53358
cg16592150	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.0187295	0.321208	0.720601	-1.38773	0.0521692	2.04832	2.04832	0.486959	1.25262	1.25262	0.002169	0.235151	-4.25259	0.969985	1.01204	1.01204
cg09190696	MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.000571487	0.0179441	0.71429	-1.39999	0.00848284	1.48156	1.48156	0.474023	1.08892	1.08892	0.34979	0.893511	-1.11918	0.0265544	0.73523	-1.36012
cg18512161	MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.0011286	0.0375391	1.42476	1.42476	0.26689	1.18494	1.18494	0.672494	1.06436	1.06436	0.029355	1.45715	1.45715	0.0001938	0.39844	-2.50979
cg18654873	MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.00363799	0.956414	0.985778	-1.01443	0.944951	0.982065	-1.01826	0.243317	0.72618	-1.37707	0.259108	0.734506	-1.36146	0.226147	1.39526	1.39526
cg19894640	MAP3K7IP1	0.000455591	0.973544	1.00536	1.00536	0.0850616	0.735642	-1.35936	0.616336	0.921775	-1.08486	0.00921495	1.70404	1.70404	8.59E-05	0.320765	-3.11754
cg10027934	MAP3K7IP1;MAP3K7IP1	0.0137165	0.372661	0.790995	-1.26423	0.0430189	1.81574	1.81574	0.199282	0.706494	-1.41544	0.0339181	1.88581	1.88581	0.00729267	0.41212	-2.42648
cg02527496	MAP3K7IP1;MAP3K7IP1	0.0266058	0.0250503	1.60767	1.60767	0.00881884	0.552151	-1.8111	0.176733	1.29146	1.29146	0.492901	1.13206	1.13206	0.0109265	1.76647	1.76647
cg09106817	MAP3K7IP2	0.00391337	0.844877	1.02855	1.02855	0.118002	1.27625	1.27625	0.0342642	0.701214	-1.4261	0.0757975	0.752771	-1.32843	0.000888745	0.488966	-2.04513
cg16237031	MAP3K7IP2	0.0232606	0.0988747	0.479947	-2.08357	0.455902	0.73486	-1.3608	0.059015	0.421068	-2.37491	0.148036	1.87671	1.87671	0.132363	0.517462	-1.93251
cg14343457	MAP3K7IP2	0.0348379	0.475706	0.76614	-1.30525	0.0909007	0.504562	-1.98192	0.951127	1.02277	1.02277	0.140839	1.78927	1.78927	0.00603782	0.267832	-3.73368
cg24652982	MAP3K7IP2;SUMO4	0.00115297	0.102743	0.784471	-1.27474	0.0015601	0.53892	-1.85556	0.0155564	1.49694	1.49694	0.0230838	0.691126	-1.44691	0.00319125	0.578417	-1.72886
cg18976859	MAP3K7IP2;SUMO4	0.00482835	0.16835	0.884696	-1.13033	0.000389875	1.60303	1.60303	0.289022	1.0962	1.0962	0.00163865	1.45698	1.45698	0.588273	1.04667	1.04667
cg07009584	MAP3K7IP2;SUMO4	0.0130965	0.281182	1.18913	1.18913	0.00424888	0.553351	-1.80717	0.16834	0.796897	-1.25487	0.111855	0.765083	-1.30705	0.994395	1.00109	1.00109
cg20372745	MAP3K7IP3	5.99E-06	4.31E-06	0.00879718	-113.673	0.0676203	1.6797	1.6797	0.371354	1.24477	1.24477	0.6571	0.900162	-1.11091	0.297803	1.29577	1.29577
cg02058632	MAP3K7IP3	0.000916411	0.00032812	0.633092	-1.57955	0.000228898	0.617402	-1.61969	0.0875727	0.861944	-1.16017	0.415131	0.936487	-1.06782	0.852267	0.985421	-1.01479
cg05204193	MAP3K7IP3	0.0174988	0.060204	0.365431	-2.73649	0.225881	0.546638	-1.82936	0.022616	0.273503	-3.65627	0.55904	1.32393	1.32393	0.00158959	0.116193	-8.60637
cg11534974	MAP3K7IP3	0.037759	0.0299125	4.79336	4.79336	0.0411935	0.235745	-4.24187	0.957425	1.03329	1.03329	0.892711	0.920546	-1.08631	0.00768175	0.122254	-8.1797
cg01994328	MAP3K8	0.00331271	0.115192	1.46888	1.46888	0.624747	1.11702	1.11702	0.503596	0.858667	-1.1646	0.214536	1.3409	1.3409	0.0614219	1.6049	1.6049
cg26455711	MAP3K8	0.0248284	0.0321892	0.710565	-1.40733	0.173403	0.820958	-1.21809	0.180502	0.823922	-1.21371	0.302908	0.864726	-1.15644	0.484446	1.10161	1.10161
cg04453471	MAP3K8	0.030949	0.00463244	0.274441	-3.64377	0.740125	0.892026	-1.12104	0.0133259	0.349073	-2.86473	0.0187576	0.37622	-2.65802	0.485541	0.784069	-1.2754
cg18003189	MAP3K8;MAP3K8	0.0151471	0.203555	1.14271	1.14271	0.18952	0.870973	-1.14814	0.095717	0.833684	-1.1995	0.223101	1.1357	1.1357	0.333	1.10436	1.10436
cg10294797	MAP3K9	0.00119033	0.386393	1.39087	1.39087	0.309547	1.47808	1.47808	0.49834	1.291	1.291	0.21301	1.62795	1.62795	0.295285	1.49675	1.49675
cg00906060	MAP3K9	0.00622842	0.586722	0.861767	-1.16041	0.0465314	1.85503	1.85503	0.54271	1.18176	1.18176	0.00173961	0.298116	-3.3544	0.00334308	0.338777	-2.9518
cg05354479	MAP3K9	0.00763426	0.136757	0.616281	-1.62264	0.00616618	2.94118	2.94118	0.236165	1.45477	1.45477	0.00701199	2.86567	2.86567	0.808475	0.929292	-1.07609
cg21836031	MAP3K9	0.00851805	0.116909	1.64114	1.64114	0.0149331	0.418745	-2.38809	0.0160779	0.42453	-2.35555	0.122341	0.614486	-1.62738	0.000885685	0.23486	-4.25785
cg06600401	MAP3K9	0.0113714	0.418839	0.824896	-1.21227	0.759519	0.930951	-1.07417	0.221465	0.741204	-1.34916	0.0155102	0.500659	-1.99737	0.0010683	0.32411	-3.08537
cg01624081	MAP3K9	0.0182343	0.000691783	0.426647	-2.34386	0.0869805	0.732787	-1.36465	0.0290088	0.654845	-1.52708	0.0612798	0.706907	-1.41461	0.247996	0.819831	-1.21976
cg15351214	MAP3K9	0.0462165	0.0416282	3.36891	3.36891	0.0289647	3.78628	3.78628	0.0532119	3.11353	3.11353	0.431977	1.51392	1.51392	0.704385	0.821101	-1.21788
cg17215036	MAP4;MAP4;MAP4	8.85E-05	4.03E-05	0.272195	-3.67384	0.0388864	0.672408	-1.48719	0.529688	1.11146	1.11146	0.512988	0.895726	-1.11641	2.06E-06	0.143594	-6.96406
cg16755393	MAP4;MAP4;MAP4	0.000224451	0.365111	1.12782	1.12782	0.651389	0.942903	-1.06055	0.734309	0.956923	-1.04502	0.0411781	0.73751	-1.35591	0.000630978	0.507132	-1.97188
cg04856685	MAP4;MAP4;MAP4	0.00146033	0.0105667	0.360379	-2.77485	0.715467	1.12319	1.12319	0.70895	1.12635	1.12635	0.968733	0.987639	-1.01252	0.0116105	0.367443	-2.72151
cg25144109	MAP4;MAP4;MAP4	0.00792352	0.730798	1.04242	1.04242	0.968428	0.99525	-1.00477	0.0113642	0.683044	-1.46403	0.719058	1.04441	1.04441	0.000408512	0.508962	-1.96478
cg05242416	MAP4;MAP4;MAP4	0.00999812	0.406565	0.75696	-1.32107	0.00201731	4.17268	4.17268	0.012254	2.78225	2.78225	0.858224	1.06039	1.06039	0.00559644	0.303285	-3.29723
cg20377376	MAP4;MAP4;MAP4	0.022447	0.0101654	0.381413	-2.62183	0.454204	0.797163	-1.25445	0.636894	1.15187	1.15187	0.201393	0.66952	-1.49361	0.045152	0.504876	-1.98069

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02602864	0.00855993	1.74539	1.74539	0.115372	1.32876	1.32876	0.234936	0.813243	-1.22964	0.654914	0.928019	-1.07756	7.23399	3.15922	0.388195	1
cg09352715	0.954794	1.00759	1.00759	0.218968	1.18819	1.18819	0.101806	1.26982	1.26982	0.956766	1.00726	1.00726	4.13439	1.16478	0.250426	1
cg27635983	0.0522483	0.428282	-2.33491	2.87E-06	0.0135836	-73.618	0.64089	1.19774	1.19774	0.382315	1.41076	1.41076	17.3888	40.6282	2.07685	1
cg27497751	0.00292151	0.327275	-3.05554	0.00117206	0.272198	-3.6738	0.000865255	0.255172	-3.91893	0.00396725	0.347064	-2.88131	11.6801	13.8045	1.05056	1
cg23037274	0.111485	0.394465	-2.53508	0.110734	2.54092	2.54092	0.0904645	2.72102	2.72102	0.159262	2.24161	2.24161	6.43256	29.3352	4.05372	1
cg23850205	0.254804	0.678337	-1.47419	0.0106263	0.350409	-2.85381	0.0034141	0.272874	-3.66469	0.48775	0.794439	-1.25875	5.23301	8.83093	1.50004	1
cg01076675	0.966818	1.005	1.005	0.00629682	1.53198	1.53198	0.0905444	0.799676	-1.25051	0.154339	0.832959	-1.20054	4.05054	0.921816	0.202292	1
cg25782440	0.730811	0.920272	-1.08664	0.0473728	0.5794	-1.72592	0.0516185	0.586876	-1.70394	0.102224	0.650342	-1.53765	3.49091	3.19987	0.814782	1
cg16599526	0.385556	0.821722	-1.21696	9.15E-05	0.21381	-4.67705	0.000730594	3.10599	3.10599	0.0578	0.622839	-1.60555	13.2739	10.2425	0.68589	1
cg20439101	0.156231	0.544995	-1.83488	0.000900982	0.136966	-7.30107	0.998451	0.999223	-1.00078	0.0106865	0.276896	-3.61146	7.22535	18.3253	2.25444	1
cg05214047	0.208121	0.871464	-1.14749	0.237935	0.879716	-1.13673	0.00716653	0.697731	-1.43322	0.116507	1.1934	1.1934	5.81846	0.990346	0.151295	1
cg22571926	0.202746	0.847202	-1.18036	0.00724897	0.652347	-1.53293	0.00450294	1.59504	1.59504	0.461692	0.911742	-1.0968	5.08829	1.22536	0.214061	1
cg04452534	0.487244	0.799077	-1.25144	0.0145557	0.384289	-2.60221	0.997089	1.00116	1.00116	0.0298672	0.443916	-2.25268	4.56787	7.30592	1.4217	1
cg24549020	0.961861	1.00942	1.00942	0.0267352	1.67288	1.67288	0.0330231	0.613431	-1.63018	0.46249	1.15791	1.15791	4.30938	2.62277	0.540994	1
cg19773222	0.165065	0.609332	-1.64114	0.00454662	0.282402	-3.54105	0.0370453	0.444853	-2.24793	0.0241109	0.406672	-2.45898	4.13736	7.333	1.57545	1
cg00254017	0.207982	0.551787	-1.81229	0.039594	0.344406	-2.90355	0.211942	1.80201	1.80201	0.0603357	0.387225	-2.58248	4.1161	13.0765	2.82393	1
cg21155100	0.156096	1.32053	1.32053	0.034505	0.636493	-1.57111	0.018526	1.68757	1.68757	0.303412	1.2157	1.2157	4.07802	2.16855	0.472679	1
cg03609598	0.994467	1.00158	1.00158	0.894748	1.03055	1.03055	0.144025	1.42882	1.42882	0.856946	1.04188	1.04188	3.97965	3.25801	0.727704	1
cg23094728	0.514843	0.694199	-1.44051	0.00745724	0.148958	-6.71328	0.0245849	4.39135	4.39135	0.27569	0.534365	-1.87138	3.95716	19.1411	4.29961	1
cg20005624	0.0710885	0.848234	-1.17892	0.000810985	0.66209	-1.51037	0.685493	1.0338	1.0338	0.0635828	1.18563	1.18563	9.18511	0.969486	0.093822	1
cg01443538	0.00741558	0.636777	-1.57041	0.00339831	0.593892	-1.68381	0.298098	1.15158	1.15158	0.0753217	1.29578	1.29578	8.48063	2.29983	0.241055	1
cg17229561	0.128425	1.38605	1.38605	0.719484	0.930861	-1.07427	0.564776	1.12258	1.12258	0.405587	0.844478	-1.18416	7.7901	4.869	0.555576	1
cg00911192	0.0345151	0.674053	-1.48356	0.726583	1.05777	1.05777	0.00141786	0.477638	-2.09364	0.325582	1.17633	1.17633	4.80786	1.94918	0.36037	1
cg00373967	0.83789	1.10327	1.10327	0.0433225	0.327946	-3.04928	0.0168675	0.246953	-4.04936	0.430891	0.679993	-1.4706	4.6548	16.9656	3.23979	1
cg24079830	0.17237	1.44459	1.44459	0.749644	0.922123	-1.08445	0.175743	1.43993	1.43993	0.344014	0.781261	-1.27998	4.57088	4.64263	0.902843	1
cg22939113	0.116085	1.3891	1.3891	0.0059833	1.99652	1.99652	0.0887757	1.43514	1.43514	0.0157526	1.76724	1.76724	4.56006	2.6746	0.521357	1
cg14074431	0.035947	1.48494	1.48494	0.00327028	0.52226	-1.91475	0.367831	0.860807	-1.1617	0.0265125	1.53136	1.53136	4.55073	1.89227	0.369614	1
cg27468926	0.325343	1.14492	1.14492	0.00653792	0.624477	-1.60134	0.311187	0.869682	-1.14985	0.0480557	0.739984	-1.35138	4.05036	1.13917	0.250002	1
cg25244628	0.161868	1.16697	1.16697	0.000539623	0.573322	-1.74422	6.48E-05	0.468307	-2.13535	0.000950591	0.600965	-1.66399	24.5412	4.15377	0.15045	1
cg23226763	0.00464555	0.696656	-1.43543	0.0453521	1.24657	1.24657	0.00844415	0.724056	-1.38111	0.0550299	0.811502	-1.23228	16.2857	2.37745	0.129763	1
cg19044229	0.363794	0.692984	-1.44304	1.82E-05	31.0434	31.0434	0.293839	0.651886	-1.53401	0.00173682	5.78432	5.78432	12.1069	29.61	2.17397	1
cg01180479	0.24035	0.553763	-1.80583	2.48E-05	56.2435	56.2435	0.938651	0.963669	-1.0377	0.00270171	7.33474	7.33474	10.7081	39.2013	3.25412	1
cg04798016	0.349888	0.620314	-1.61209	3.09E-05	56.5776	56.5776	0.677155	0.81238	-1.23095	0.00197073	8.76043	8.76043	10.5367	41.0985	3.46713	1
cg11392776	0.402559	0.762972	-1.31066	3.28E-05	12.7826	12.7826	0.773047	0.912728	-1.09562	0.0164102	2.52491	2.52491	9.46931	14.957	1.40402	1
cg19811337	0.447896	0.613572	-1.6298	0.00106977	21.1704	21.1704	0.875538	0.905757	-1.10405	0.000543303	29.8095	29.8095	7.85107	49.589	5.61441	1
cg15976910	0.60161	0.880321	-1.13595	0.00190852	2.89777	2.89777	0.0365758	1.80012	1.80012	0.258046	1.33055	1.33055	7.04812	6.53648	0.824363	1
cg17565303	0.966569	1.02509	1.02509	0.0847591	3.08743	3.08743	0.123493	2.6822	2.6822	0.2381	2.07671	2.07671	3.82146	21.1661	4.92334	1
cg07019283	0.488719	1.07353	1.07353	0.459291	0.92681	-1.07897	0.350567	1.10177	1.10177	0.80553	0.975424	-1.02519	3.50976	0.565624	0.143251	1
cg16331883	0.369912	0.809018	-1.23607	0.0388681	0.576701	-1.734	0.0802473	0.63977	-1.56306	0.0201951	1.90549	1.90549	13.6425	11.4462	0.745783	1
cg20414262	0.477957	1.11828	1.11828	0.0416846	0.69501	-1.43883	0.0741822	1.36111	1.36111	0.596657	1.08628	1.08628	4.07492	1.54955	0.338013	1
cg18070593	0.0629974	0.364261	-2.74528	0.04824	0.336233	-2.97412	0.52134	0.730625	-1.36869	0.0877138	0.402486	-2.48456	4.00735	14.7972	3.28224	1
cg01696984	0.0011088	0.429623	-2.32762	2.46E-05	0.228696	-4.37261	1.63E-05	0.210191	-4.75759	0.00233277	0.473724	-2.11094	29.3257	14.3521	0.435025	1
cg19418951	2.94E-05	0.387307	-2.58193	0.919151	0.988309	-1.01183	0.0011233	1.74288	1.74288	0.128	0.826466	-1.20997	19.078	4.05398	0.188885	1
cg14998896	0.0256456	0.269931	-3.70466	0.00308536	0.135224	-7.39513	0.00425172	0.151059	-6.61991	0.107342	0.41968	-2.38277	7.94299	30.7019	3.43581	1
cg21574349	0.36837	0.741164	-1.34923	0.902929	1.04035	1.04035	0.10345	1.78133	1.78133	0.770266	1.09958	1.09958	4.88098	8.12476	1.47962	1
cg18444689	0.0835099	0.352689	-2.83536	0.00498772	0.132417	-7.55192	0.0296749	0.24845	-4.02495	0.0627246	0.320037	-3.12464	4.34359	20.361	4.16675	1
cg25191743	8.86E-05	0.552922	-1.80857	1.04E-05	0.451199	-2.21632	0.0570978	0.833875	-1.19922	0.00353436	0.716241	-1.39618	25.8996	2.92165	0.100272	1
cg03787849	0.00662482	0.600615	-1.66496	0.617061	1.07565	1.07565	0.427415	0.889401	-1.12435	0.113115	0.779251	-1.28328	21.4092	7.09461	0.294562	1
cg08545422	0.274848	0.677225	-1.47661	0.0118973	0.329793	-3.0322	0.152934	1.69466	1.69466	0.426334	1.32028	1.32028	6.90604	12.449	1.40204	1
cg20864568	0.0345921	0.390487	-2.5609	0.00769634	0.270653	-3.69477	0.45871	0.749802	-1.33369	0.00677597	0.262032	-3.81633	5.28663	12.195	2.05046	1
cg15770702	0.0438614	0.267451	-3.739	0.510506	0.683844	-1.46232	0.956831	1.0313	1.0313	0.463422	0.653828	-1.52946	4.70754	24.1675	4.56337	1
cg02381383	0.60112	1.07738	1.07738	0.525137	0.913029	-1.09526	0.00190292	0.537105	-1.86183	0.490657	0.905809	-1.10399	4.00699	1.26705	0.281075	1
cg07370464	0.00447547	0.617126	-1.62041	0.0317636	0.725766	-1.37785	0.188452	0.837407	-1.19416	0.0725124	0.774786	-1.29068	3.93462	1.01044	0.228273	1
cg00146864	0.0433878	0.272577	-3.66868	0.0825436	0.340991	-2.93263	0.101255	0.366398	-2.72927	0.248778	0.509399	-1.9631	3.65979	18.1458	4.40723	1
cg08823240	0.597317	0.788682	-1.26794	0.29541	0.616821	-1.62122	0.500032	1.35643	1.35643	0.0284685	0.316215	-3.1624	3.5631	11.1899	2.79155	1
cg00696803	0.326334	0.775089	-1.29017	0.553966	0.860266	-1.16243	0.976541	0.992635	-1.00742	0.58386	0.870164	-1.14921	3.44278	3.44656	0.889866	1
cg22482194	0.156839	0.569054	-1.7573	0.0039788	4.84703	4.84703	0.497703	1.2859	1.2859	0.120524	1.87808	1.87808	5.03259	10.0179	1.32707	1
cg26582789	0.000544827	0.274289	-3.6458	0.000135433	0.203792	-4.90697	0.05463	0.59166	-1.69016	0.00339377	0.38334	-2.60865	14.3062	13.1312	0.815879	1
cg18817143	0.000315065	0.00620637	-161.125	0.344496	2.02491	2.02491	0.971516	0.974728	-1.02593	0.532254	1.57713	1.57713	11.2977	87.5757	5.16777	1
cg12814305	0.0826997	2.04618	2.04618	0.0307366	2.57396	2.57396	0.589065	1.2253	1.2253	0.739995	1.13211	1.13211	7.26026	15.9608	1.95412	1
cg17585174	0.427632	1.29857	1.29857	0.310508	1.40384	1.40384	0.641361	1.16301	1.16301	0.399171	0.756875	-1.32122	7.06578	11.3284	1.247	1
cg00072587	0.034159	0.261921	-3.81794	0.00779471	0.157007	-6.36913	0.0464096	0.290411	-3.44339	0.079574	0.348324	-2.87089	4.54234	21.1327	4.13545	1
cg04768884	0.0629245	2.37412	2.37412	0.768013	0.884935	-1.13003	0.676547	0.840817	-1.18932	0.138127	0.516961	-1.93438	3.58509	9.69701	2.40428	1
cg14269301	0.116387	0.464375	-2.15343	0.716356	0.848703	-1.17827	0.154175	0.503693	-1.98534	0.758171	1.14894	1.14894	3.58013	11.4605	2.84545	1
cg19287179	0.250748	0.824213	-1.21328	0.0046344	1.8345	1.8345	0.078363	0.729786	-1.37027	0.00236295	0.505009	-1.98016	22.7676	9.35754	0.365336	1
cg22596016	0.395276	0.776032	-1.28861	0.00235147	0.290501	-3.44233	0.00229455	3.46016	3.46016	0.197522	0.672521	-1.48694	8.26702	11.1057	1.19411	1
cg08815352	0.100493	1.64028	1.64028	0.433177	0.802534	-1.24605	0.329824	1.31863	1.31863	0.11847	0.627403	-1.59387	4.90544	5.87723	1.06498	1
cg10535017	0.730278	1.19871	1.19871	0.42747	0.654229	-1.52852	0.489486	1.44438	1.44438	0.0111846	0.18919	-5.28568	4.59191	19.9461	3.86112	1
cg00743081	0.00953396	0.313884	-3.18589	0.00492854	0.268638	-3.72249	0.317335	1.44021	1.44021	0.101928	0.53163	-1.88101	4.41446	8.70756	1.75334	1
cg21119468	0.0006639	0.330075	-3.02961	0.00873387	2.03511	2.03511	0.00637056	0.46994	-2.12793	0.462648	0.852985	-1.17235	45.8116	32.8191	0.636793	1
cg03649130	0.0581148	0.685611	-1.45855	0.175643	1.28891	1.28891	0.255006	0.811031	-1.233	0.353052	0.845006	-1.18342	10.6065	5.21765	0.437271	1
cg11244640	0.0528754	1.38062	1.38062	0.103985	0.770609	-1.29768	0.290383	1.1745	1.1745	0.327419	0.862268	-1.15973	10.1911	3.46803	0.302489	1
cg09839738	0.68613	0.959645	-1.04205	0.120957	1.1859	1.1859	0.823276	0.977575	-1.02294	0.696311	1.04057	1.04057	6.26473	1.02002	0.144728	1
cg25138713	0.283612	0.587649	-1.7017	0.0155413	0.242635	-4.12142	0.407205	0.667237	-1.49872	0.116954	0.443633	-2.25412	5.55427	20.0341	3.2062	1
cg04169380	0.0122428	0.29088	-3.43784	0.0298562	0.363748	-2.74916	0.993059	1.00345	1.00345	0.024977	0.348026	-2.87335	4.86953	12.075	2.20418	1
cg11396485	0.770685	0.960621	-1.04099	0.000327262	0.450252	-2.22098	0.697858	0.947788	-1.05509	0.951272	1.00844	1.00844	4.83645	1.44728	0.265995	1
cg21434563	0.0740692	0.612764	-1.63195	0.175381	1.42555	1.42555	0.525576	1.17147	1.17147	0.353237	1.26493	1.26493	4.35292	4.17341	0.852233	1
cg18471029	3.26E-06	0.502081	-1.99171	1.66E-07	0.362889	-2.75566	1.97E-05	0.58183	-1.71872	2.94E-08	0.282314	-3.54216	100.826	6.25555	0.0551491	1
ch.6.2625594F	0.233311	1.48352	1.48352	0.00251018	0.26587	-3.76123	0.00361718	0.288524	-3.46592	0.318687	0.722331	-1.38441	17.0695	26.93	1.40238	1
cg08719701	0.383059	1.09747	1.09747	9.15E-05	2.06825	2.06825	0.106252	0.832425	-1.20131	0.559026	0.940414	-1.06336	10.4579	1.79057	0.152192	1
cg25277723	0.130201	0.57603	-1.73602	0.00238856	0.239662	-4.17254	0.341374	1.39216	1.39216	0.00566268	0.293756	-3.40418	8.01512	14.4564	1.60323	1
cg07474842	0.718208	1.07454	1.07454	0.0742786	1.48376	1.48376	0.0632666	1.51348	1.51348	0.0021852	0.426294	-2.3458	7.26506	4.52888	0.554114	1
cg26680608	0.155741	1.49501	1.49501	0.00446447	0.36639	-2.72933	0.74359	0.916765	-1.09079	0.00109852	0.279603	-3.5765	6.61447	7.34357	0.986869	1
cg27501748	0.065767	2.59783	2.59783	0.888839	1.0668	1.0668	0.00700786	5.01392	5.01392	0.887811	0.936817	-1.06744	3.6775	12.4519	3.00976	1
cg01792203	0.00345371	0.269127	-3.71571	0.339258	1.38487	1.38487	0.934906	0.973358	-1.02737	0.432199	0.767222	-1.3034	3.50783	6.071	1.5384	1
cg04862314	0.102974	0.670522	-1.49138	0.175039	0.723843	-1.38152	0.789315	1.06184	1.06184	0.846949	0.957626	-1.04425	45.6799	36.3225	0.706801	1
cg11705208	0.00155157	0.483674	-2.06751	0.60816	1.08605	1.08605	0.915071	1.01717	1.01717	0.684961	0.936969	-1.06727	28.5328	11.5134	0.358679	1
cg11592082	4.12E-05	0.277315	-3.606	0.00136947	2.14284	2.14284	0.0574664	1.42272	1.42272	0.473748	0.887314	-1.127	28.3429	12.0867	0.379061	1
cg01394052	0.0954618	0.703061	-1.42235	0.730158	0.93557	-1.06887	0.0113994	0.543807	-1.83889	0.126187	0.727413	-1.37473	13.0287	7.63448	0.520865	1
cg00730820	0.216098	0.681419	-1.46753	0.00428688	0.324435	-3.08228	0.106567	0.594979	-1.68073	0.00934017	0.378538	-2.64175	10.3402	14.2188	1.22231	1
cg02673986	0.00217018	0.365722	-2.73432	0.635454	1.11811	1.11811	0.00485813	0.417694	-2.3941	0.435445	0.830255	-1.20445	9.81726	8.49775	0.769416	1
cg06361006	0.664544	1.05852	1.05852	0.0182152	0.688205	-1.45305	0.202502	0.839125	-1.19172	0.0493224	0.746427	-1.33972	9.43396	2.5389	0.239221	1
cg09230763	0.00521632	0.193604	-5.16518	0.135546	2.04755	2.04755	0.3835	1.48898	1.48898	0.316487	0.630437	-1.5862	8.42265	26.4732	2.79386	1
cg04789365	0.135407	0.726279	-1.37688	0.127879	1.38697	1.38697	0.759992	1.06278	1.06278	0.0536977	0.64703	-1.54552	7.40345	4.63065	0.555974	1
cg06509993	0.723685	0.979102	-1.02134	0.00103058	0.748774	-1.33552	0.204173	0.92337	-1.08299	0.505367	1.04103	1.04103	7.2046	0.403912	0.0498338	1
cg13449606	0.945871	0.984598	-1.01564	0.835118	0.953471	-1.0488	0.527183	1.15773	1.15773	0.922924	0.97812	-1.02237	5.7217	4.7358	0.735725	1
cg25133130	0.101904	0.679645	-1.47136	0.138471	0.708915	-1.41061	0.315869	0.799574	-1.25067	0.0211135	0.549828	-1.81875	5.71145	4.20837	0.654961	1
cg06035600	0.011748	6.08843	6.08843	0.00278812	10.6522	10.6522	0.00615979	7.77394	7.77394	0.0765774	3.09732	3.09732	4.94447	25.7944	4.63717	1
cg26038649	0.0142971	0.308166	-3.245	0.308804	0.663367	-1.50746	0.99554	1.00218	1.00218	0.571163	0.800109	-1.24983	4.37615	10.523	2.13745	1
cg15077218	0.101326	0.620436	-1.61177	0.0167403	0.4598	-2.17486	0.0609228	0.570057	-1.75421	0.0294336	0.505412	-1.97858	4.2756	4.79374	0.996608	1
cg27223343	0.018239	0.613956	-1.62878	0.0426136	0.672083	-1.48791	0.50522	0.891284	-1.12198	0.264997	1.21866	1.21866	3.88764	1.78425	0.40796	1
cg00693769	0.378386	0.856804	-1.16713	0.220648	1.24632	1.24632	0.371481	0.854776	-1.1699	0.579114	0.908635	-1.10055	8.06231	3.73385	0.411666	1
cg23128651	0.793949	1.09659	1.09659	0.458041	1.30498	1.30498	0.490142	1.28008	1.28008	0.597307	1.20659	1.20659	7.54533	14.8282	1.74686	1
cg21532618	0.324147	0.881677	-1.1342	0.25189	1.15954	1.15954	0.69295	0.952105	-1.0503	0.618366	0.939779	-1.06408	7.04328	1.70609	0.215315	1
cg18683523	0.0170135	0.375905	-2.66025	0.0139868	0.360417	-2.77457	0.148584	0.593946	-1.68365	0.00454755	0.280593	-3.56388	5.03531	9.01612	1.59162	1
cg16592150	0.00726226	0.317238	-3.15221	0.369112	1.34265	1.34265	0.346115	0.733409	-1.3635	0.380606	0.750349	-1.33271	5.36926	8.42478	1.22039	1
cg09190696	0.0765985	0.794194	-1.25914	0.205849	1.16897	1.16897	1.58E-05	0.352315	-2.83837	0.375547	0.89907	-1.11226	13.7695	2.9847	0.192677	1
cg18512161	0.00108012	0.492615	-2.02998	0.409835	0.883689	-1.13162	0.00636445	0.593943	-1.68366	0.116772	0.778809	-1.28401	11.3689	3.87501	0.302972	1
cg18654873	0.603196	0.871587	-1.14733	4.23E-05	0.129913	-7.69748	0.698145	1.10754	1.10754	0.679786	1.11491	1.11491	8.07967	8.78915	0.966942	1
cg19894640	7.43E-05	0.313299	-3.19184	0.950195	0.989979	-1.01012	0.290954	1.19327	1.19327	0.0339088	0.670793	-1.49077	14.6636	6.03769	0.365998	1
cg10027934	0.312492	0.765179	-1.30688	0.121391	0.650371	-1.53758	0.0191598	2.06707	2.06707	0.122883	0.651672	-1.53451	5.33561	5.54571	0.92389	1
cg02527496	0.753956	0.945536	-1.0576	0.281032	1.22088	1.22088	0.312581	1.20449	1.20449	0.388961	0.854484	-1.1703	4.26359	2.14226	0.446627	1
cg09106817	0.643889	0.935293	-1.06918	0.02622	1.46076	1.46076	0.625859	1.07316	1.07316	0.0039162	1.74716	1.74716	7.90445	2.58532	0.29073	1
cg16237031	0.138766	1.90883	1.90883	0.211178	0.58601	-1.70645	0.00337819	5.03857	5.03857	0.500581	0.757776	-1.31965	4.46746	11.6448	2.31697	1
cg14343457	0.892097	1.05111	1.05111	0.994934	1.00233	1.00233	0.0135575	3.07133	3.07133	0.318692	0.684868	-1.46014	3.87363	8.27659	1.89924	1
cg24652982	0.291145	1.16061	1.16061	0.00834267	1.58151	1.58151	0.00306418	1.73562	1.73562	0.396547	1.1253	1.1253	11.2999	3.30882	0.260284	1
cg18976859	0.120425	1.15094	1.15094	?	?	?	0.307302	1.09221	1.09221	0.523213	0.947435	-1.05548	7.57666	0.74293	0.0980552	1
cg07009584	0.262847	1.19786	1.19786	0.0021896	1.94336	1.94336	0.571128	1.09256	1.09256	0.864993	1.02667	1.02667	5.41704	2.05198	0.336712	1
cg20372745	4.10E-07	0.000501466	-1994.15	0.00810951	2.5791	2.5791	?	?	?	0.00892131	2.52277	2.52277	222.032	157.653	0.443779	1
cg02058632	0.372513	1.07479	1.07479	0.000525888	0.653366	-1.53053	0.58772	0.957794	-1.04407	0.0780681	1.16676	1.16676	12.061	1.18549	0.0873702	1
cg05204193	0.691183	0.827266	-1.2088	0.0209801	0.267427	-3.73934	0.346986	1.58393	1.58393	0.0317779	0.302613	-3.30455	4.92159	17.5805	3.17522	1
cg11534974	0.0544545	3.814	3.814	0.856972	0.895226	-1.11704	0.681841	0.776562	-1.28773	0.864542	0.900549	-1.11043	3.76188	22.4241	5.29856	1
cg01994328	0.0100236	2.07454	2.07454	0.000149503	0.231703	-4.31588	0.551383	1.14487	1.14487	0.61494	0.892379	-1.1206	8.30925	6.63216	0.70948	1
cg26455711	0.792983	0.964812	-1.03647	0.00222941	1.79201	1.79201	0.200912	0.831958	-1.20198	0.299113	1.15786	1.15786	4.36768	1.28314	0.261139	1
cg04453471	0.420865	0.754071	-1.32613	0.0113991	0.337196	-2.96563	0.390723	0.739425	-1.3524	0.0649396	0.490936	-2.03692	4.0418	7.5425	1.65878	1
cg18003189	0.0601604	1.2346	1.2346	0.0048496	0.689824	-1.44964	0.0495983	0.800379	-1.24941	0.0175846	0.750388	-1.33264	5.164	0.808123	0.139104	1
cg10294797	0.766786	0.895374	-1.11685	1.70E-05	0.0376643	-26.5503	0.49734	1.29179	1.29179	0.210041	1.63368	1.63368	11.1976	24.4858	1.94373	1
cg00906060	0.555917	1.17521	1.17521	0.00590452	0.376725	-2.65445	0.0728778	0.581415	-1.71994	0.979771	0.993151	-1.0069	6.85949	7.98118	1.03424	1
cg05354479	0.0602991	1.89609	1.89609	0.223874	1.47088	1.47088	0.000830325	4.57064	4.57064	0.70633	0.891986	-1.12109	6.4381	9.29793	1.28374	1
cg21836031	0.988958	0.995983	-1.00403	0.807746	1.07348	1.07348	0.0195353	0.440079	-2.27232	0.0537592	0.528906	-1.8907	6.21985	8.33239	1.1908	1
cg06600401	0.531959	0.862838	-1.15897	0.461929	1.19067	1.19067	0.00176315	0.354089	-2.82415	0.211674	0.73594	-1.35881	5.67144	4.87767	0.764481	1
cg01624081	0.131984	0.765346	-1.3066	0.447538	1.13579	1.13579	0.795515	0.95818	-1.04365	0.461022	1.13139	1.13139	4.85396	2.08	0.380903	1
cg15351214	0.0695623	2.85649	2.85649	0.0154677	4.64637	4.64637	0.0102682	5.32683	5.32683	0.28439	1.7772	1.7772	3.49043	14.7815	3.76432	1
cg17215036	0.191214	0.794783	-1.25821	0.727909	1.05969	1.05969	0.273061	0.827511	-1.20844	0.365676	0.857044	-1.1668	22.8763	9.98133	0.387838	1
cg16755393	0.301328	0.870733	-1.14846	4.80E-05	0.371908	-2.68884	0.00279782	0.587146	-1.70315	2.49E-05	0.338528	-2.95397	17.8048	4.7112	0.235202	1
cg04856685	2.99E-05	0.0748367	-13.3624	0.378801	0.750866	-1.3318	0.158304	1.6138	1.6138	0.795777	0.920991	-1.08579	10.5607	16.8424	1.41761	1
cg25144109	0.00500385	0.63969	-1.56326	0.234738	0.860862	-1.16163	0.545956	1.07628	1.07628	0.383704	0.898125	-1.11343	6.36335	1.45829	0.203707	1
cg05242416	0.801301	0.920628	-1.08621	0.291191	0.698232	-1.43219	0.48806	0.793719	-1.25989	0.474446	0.787765	-1.26941	5.91097	10.0686	1.51411	1
cg20377376	0.0428882	0.500103	-1.99959	0.280232	0.716218	-1.39622	0.00712629	2.81091	2.81091	0.937089	1.02375	1.02375	4.52259	6.33343	1.2448	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05959577	MAP4;MAP4;MAP4	0.0231179	0.240688	0.893028	-1.11979	0.961069	0.995514	-1.00451	0.0187047	1.30015	1.30015	0.305557	1.10265	1.10265	0.838512	0.98138	-1.01897
cg21558706	MAP4;MAP4;MAP4	0.0246256	0.169181	1.19969	1.19969	0.598321	1.06831	1.06831	0.00480258	0.62804	-1.59225	0.216759	1.17534	1.17534	0.0372584	0.740424	-1.35058
cg03787326	MAP4;MAP4;MAP4	0.0414661	0.584692	1.32678	1.32678	0.758709	1.17099	1.17099	0.0957965	2.55292	2.55292	0.824438	1.12056	1.12056	0.118615	0.419825	-2.38195
cg00857862	MAP4;MAP4;MAP4;MAP4	0.00235797	0.00261639	0.217738	-4.59268	0.861789	0.938246	-1.06582	0.00797959	0.28826	-3.4691	0.142818	0.56207	-1.77914	0.422103	0.740846	-1.34981
cg22700215	MAP4;MAP4;MAP4;MAP4	0.0139965	0.0187585	0.265996	-3.75945	0.0156023	0.251893	-3.96993	0.0183059	0.264089	-3.78661	0.126786	0.463952	-2.1554	0.00716206	0.198967	-5.02596
cg17684572	MAP4;MAP4;MAP4;MAP4	0.0160644	0.209802	0.677839	-1.47528	0.238023	0.695157	-1.43852	0.114338	0.603339	-1.65744	0.717078	0.898471	-1.113	0.000442648	0.195576	-5.11311
cg26140483	MAP4;MAP4;MAP4;MAP4	0.0178036	0.125478	0.41579	-2.40506	0.571865	1.35301	1.35301	0.0841317	0.363727	-2.74932	0.758628	0.84949	-1.17718	0.00843235	0.168575	-5.93209
cg02332206	MAP4;MAP4;MAP4;MAP4	0.0361579	0.0626517	2.87396	2.87396	0.00456761	6.70679	6.70679	0.0423506	3.24875	3.24875	0.105008	2.4417	2.4417	0.140261	2.22458	2.22458
cg16509829	MAP4;MAP4;MAP4;MAP4;MAP4;MAP4	0.0126907	0.214048	1.18258	1.18258	0.00842308	0.649647	-1.5393	0.721932	1.04687	1.04687	0.455863	1.10225	1.10225	0.000481812	0.495645	-2.01757
cg10353859	MAP4K1;EIF3K;MAP4K1	0.00608733	0.27243	1.72484	1.72484	0.00498511	6.32925	6.32925	0.00487483	6.38061	6.38061	?	?	?	0.863183	0.921441	-1.08526
cg01995078	MAP4K1;EIF3K;MAP4K1	0.0114635	0.756414	1.24589	1.24589	0.00737689	14.6888	14.6888	?	?	?	0.10655	0.276749	-3.61339	0.0610723	0.210675	-4.74665
cg04662595	MAP4K1;EIF3K;MAP4K1	0.0125751	0.00792918	0.836502	-1.19545	0.77359	1.01524	1.01524	0.449276	0.960377	-1.04126	0.00755936	0.835114	-1.19744	0.0550536	1.12082	1.12082
cg00233307	MAP4K1;EIF3K;MAP4K1	0.0180602	0.00726502	0.278418	-3.59172	0.278461	1.51606	1.51606	0.0237055	2.71032	2.71032	0.115275	1.88186	1.88186	0.559471	1.24349	1.24349
cg17792788	MAP4K1;EIF3K;MAP4K1	0.0412556	0.687011	1.07441	1.07441	0.559768	1.11016	1.11016	0.322175	0.834249	-1.19868	0.278241	0.818901	-1.22115	0.157076	1.30755	1.30755
cg19786121	MAP4K1;MAP4K1	0.000754716	0.00486446	0.671937	-1.48823	0.16617	1.17028	1.17028	0.00191559	1.59671	1.59671	0.0238931	0.750483	-1.33248	0.000609851	0.569849	-1.75485
cg07501988	MAP4K1;MAP4K1	0.0108957	0.0360546	4.70822	4.70822	0.0474374	4.22482	4.22482	0.0978408	3.17087	3.17087	0.0399725	4.52017	4.52017	0.00567585	10.0304	10.0304
cg08230957	MAP4K1;MAP4K1	0.0165896	0.0875659	2.11422	2.11422	0.211889	0.593292	-1.68551	0.0267582	2.83439	2.83439	0.0416801	2.54003	2.54003	0.116913	1.9664	1.9664
cg18212762	MAP4K2	0.00331393	0.00440629	0.328881	-3.04062	0.000326601	0.182907	-5.46725	0.0768062	0.562298	-1.77842	0.0748073	0.559595	-1.78701	0.0022994	0.287526	-3.47794
cg18013356	MAP4K2	0.00605224	0.0710618	0.731672	-1.36673	0.731133	1.0549	1.0549	0.00951208	0.601132	-1.66353	0.122294	1.29623	1.29623	0.00138949	0.487774	-2.05013
cg04898797	MAP4K2	0.00720546	0.470315	0.815467	-1.22629	0.0356644	1.97207	1.97207	0.00441184	2.87355	2.87355	0.00943646	2.4938	2.4938	0.238666	0.709802	-1.40884
cg19109909	MAP4K2	0.0167704	0.204898	0.799227	-1.25121	0.0676588	0.709658	-1.40913	0.25549	1.22005	1.22005	0.0308296	0.653867	-1.52936	0.00630177	0.550953	-1.81504
cg25934954	MAP4K2	0.0301232	0.0491061	0.392877	-2.54532	0.472109	0.737713	-1.35554	0.815178	0.907203	-1.10229	0.447804	0.724867	-1.37956	0.0023472	0.171037	-5.84669
cg14895876	MAP4K3	7.36E-05	0.02218	1.13766	1.13766	0.869167	0.992277	-1.00778	0.0609452	1.10444	1.10444	0.00041517	1.30138	1.30138	3.32E-05	1.46058	1.46058
cg15756055	MAP4K3	0.0071337	0.0183969	0.529245	-1.88948	0.87932	1.03438	1.03438	0.222008	1.33047	1.33047	0.860625	0.961658	-1.03987	0.000449997	0.292043	-3.42416
cg11491749	MAP4K3	0.00961293	0.0751621	0.695871	-1.43705	0.0643917	1.46262	1.46262	0.0673883	1.45506	1.45506	0.472308	0.874786	-1.14314	0.121033	1.36022	1.36022
cg02710105	MAP4K3	0.0329917	0.766572	0.964177	-1.03715	0.0851651	1.26268	1.26268	0.0362014	1.34779	1.34779	0.341911	1.12749	1.12749	0.690353	0.952115	-1.05029
cg08861825	MAP4K3	0.0367786	0.112272	0.609476	-1.64075	0.00977553	0.392361	-2.54868	0.575606	0.850468	-1.17582	0.0588764	1.84225	1.84225	0.199013	0.677972	-1.47499
cg27026673	MAP4K3	0.0395393	0.478505	0.893602	-1.11907	0.223999	0.819186	-1.22072	0.0755401	1.3619	1.3619	0.869965	0.974745	-1.02591	0.0840751	0.741987	-1.34773
cg22014983	MAP4K3	0.0408491	0.374937	1.3327	1.3327	0.00127765	4.39926	4.39926	0.0982169	1.77181	1.77181	0.657077	1.15133	1.15133	0.471516	0.79375	-1.25984
cg27483395	MAP4K4;MAP4K4;MAP4K4	7.26E-05	0.0621891	0.778908	-1.28385	0.000332688	1.99204	1.99204	0.0300335	0.738066	-1.35489	0.138944	0.82733	-1.20871	0.00404922	0.631702	-1.58303
cg16671862	MAP4K4;MAP4K4;MAP4K4	0.00401926	0.264072	0.844931	-1.18353	0.766678	1.04401	1.04401	0.0449789	1.39518	1.39518	0.867692	0.976156	-1.02443	8.14E-05	0.357564	-2.7967
cg21550141	MAP4K4;MAP4K4;MAP4K4	0.00445215	0.956216	0.976632	-1.02393	0.0186618	3.41416	3.41416	0.00222682	6.32796	6.32796	0.0362702	2.85332	2.85332	0.628201	1.23388	1.23388
cg14924697	MAP4K4;MAP4K4;MAP4K4	0.0125121	0.896181	1.02954	1.02954	0.265316	0.771953	-1.29542	0.173494	0.724048	-1.38112	0.000493933	0.296343	-3.37447	0.365344	1.23045	1.23045
cg00747372	MAP4K4;MAP4K4;MAP4K4	0.0142998	0.037843	0.487753	-2.05022	0.133845	0.617528	-1.61936	0.00116776	0.241479	-4.14116	0.104762	0.589441	-1.69652	0.452723	0.796073	-1.25617
cg06597049	MAP4K4;MAP4K4;MAP4K4	0.0165133	0.660474	0.909581	-1.09941	0.00104014	0.353086	-2.83217	0.460454	1.17482	1.17482	0.234262	0.765419	-1.30647	0.107878	0.686504	-1.45666
cg14511866	MAP4K4;MAP4K4;MAP4K4	0.0194076	0.200721	1.41632	1.41632	0.0153784	2.1512	2.1512	0.0332178	1.89858	1.89858	0.994576	1.00175	1.00175	0.0565924	0.573596	-1.74339
cg04116469	MAP4K4;MAP4K4;MAP4K4	0.0274696	0.313963	1.5671	1.5671	0.0460089	2.68166	2.68166	0.457626	1.38581	1.38581	0.0667422	2.42716	2.42716	0.592749	0.792236	-1.26225
cg23813732	MAP4K4;MAP4K4;MAP4K4	0.0280829	0.74035	0.819368	-1.22045	0.0901215	3.06154	3.06154	0.188313	2.30497	2.30497	0.152282	2.50579	2.50579	0.430042	0.617219	-1.62017
cg08875535	MAP4K4;MAP4K4;MAP4K4	0.0290227	0.079088	0.795085	-1.25773	0.00436053	1.56507	1.56507	0.234746	1.15776	1.15776	0.515189	1.0807	1.0807	0.850451	1.02245	1.02245
cg23417875	MAP4K4;MAP4K4;MAP4K4	0.0325536	0.532671	1.23478	1.23478	0.00263989	4.00943	4.00943	0.00660996	3.24351	3.24351	0.309992	1.4199	1.4199	0.956461	1.01839	1.01839
cg03974193	MAP4K4;MAP4K4;MAP4K4	0.0419662	0.74222	1.08031	1.08031	0.00656243	2.28491	2.28491	0.0156622	2.00044	2.00044	0.216352	1.35592	1.35592	0.405108	0.819258	-1.22062
cg15738916	MAP4K4;MAP4K4;MAP4K4;MAP4K4;MAP4K4;MAP4K4	0.0204173	0.419651	0.922691	-1.08379	0.00385072	1.46234	1.46234	0.39743	0.918925	-1.08823	0.643837	1.04648	1.04648	0.08305	1.20595	1.20595
cg05224827	MAP4K5;ATL1;MAP4K5	0.00156967	0.842944	1.02254	1.02254	0.0449944	1.29496	1.29496	0.390091	0.905789	-1.10401	0.593247	0.941223	-1.06245	0.0740177	0.799553	-1.2507
cg18414618	MAP4K5;ATL1;MAP4K5	0.0109118	0.00965897	0.605946	-1.65031	0.00958828	0.6055	-1.65153	0.977748	1.00428	1.00428	0.291725	0.845902	-1.18217	0.403767	0.877486	-1.13962
cg27118230	MAP4K5;MAP4K5;ATL1	6.38E-05	0.173973	0.716804	-1.39508	0.13073	1.45597	1.45597	0.783065	1.0656	1.0656	?	?	?	0.00464619	0.42035	-2.37897
cg04548956	MAP6	0.0234892	0.178294	0.685838	-1.45807	0.00934604	0.419286	-2.385	0.00243317	0.328681	-3.04247	0.131865	1.53549	1.53549	0.998875	0.999628	-1.00037
cg06540283	MAP6;MAP6	0.00113238	0.277732	1.13806	1.13806	0.817473	0.973861	-1.02684	0.00124124	0.582341	-1.71721	0.0898674	1.23887	1.23887	0.522693	0.928465	-1.07705
cg00708380	MAP6;MAP6	0.00360775	0.281743	1.27267	1.27267	0.0388501	1.67453	1.67453	0.0164448	1.88112	1.88112	0.552021	0.87837	-1.13847	0.528211	1.14768	1.14768
cg05872506	MAP6;MAP6	0.0117973	0.0758331	0.748029	-1.33685	0.000357169	2.32054	2.32054	0.385213	1.13974	1.13974	0.798922	1.03822	1.03822	0.172428	0.807858	-1.23784
cg09010323	MAP6;MAP6	0.0341156	0.702388	0.946679	-1.05632	0.220548	0.832078	-1.20181	0.208784	1.20818	1.20818	0.693116	0.944962	-1.05824	0.644477	1.06857	1.06857
cg19915064	MAP6;MAP6;MAP6;MAP6	0.0154681	0.757842	0.955985	-1.04604	0.0990408	1.30111	1.30111	0.0116753	0.632106	-1.58201	0.696951	1.05862	1.05862	0.767334	1.04413	1.04413
cg03417191	MAP6D1	0.00885371	0.412849	1.19713	1.19713	0.627257	0.900175	-1.11089	0.0185135	1.84751	1.84751	0.107965	0.685965	-1.4578	0.0344235	0.588491	-1.69926
cg13474789	MAP6D1	0.0485369	0.00325244	0.185421	-5.39314	0.462574	0.730503	-1.36892	0.779469	1.12511	1.12511	0.495028	1.33771	1.33771	0.136958	0.510307	-1.95961
cg21282131	MAP7	1.79E-06	0.166388	0.685485	-1.45882	0.0336101	1.8873	1.8873	0.757091	1.08263	1.08263	0.381135	1.25845	1.25845	6.46E-07	0.0308054	-32.4618
cg14119158	MAP7	1.53E-05	0.38191	0.816716	-1.22442	3.45E-06	0.0848664	-11.7832	0.00060149	0.302762	-3.30292	0.335212	0.799021	-1.25153	1.94E-05	0.141295	-7.07739
cg21462732	MAP7	6.46E-05	0.710944	1.07768	1.07768	0.607847	1.10962	1.10962	0.0264323	1.69712	1.69712	0.720948	1.07474	1.07474	0.980141	0.99501	-1.00501
cg25096566	MAP7	0.000149873	0.907716	0.967691	-1.03339	0.669048	1.12951	1.12951	0.743113	1.09762	1.09762	0.767427	1.08762	1.08762	0.349868	1.31329	1.31329
cg13638737	MAP7	0.000228005	0.00183772	0.676482	-1.47824	7.55E-05	1.88583	1.88583	0.00435648	1.40001	1.40001	0.299585	0.909405	-1.09962	0.0704047	0.836408	-1.19559
cg10558616	MAP7	0.000471366	0.224668	0.606901	-1.64772	0.000766553	7.35504	7.35504	0.997823	1.00107	1.00107	0.270867	0.638353	-1.56653	0.00384634	0.217564	-4.59636
cg04124126	MAP7	0.000756679	0.547512	0.901511	-1.10925	0.334103	0.843922	-1.18494	0.623213	1.08801	1.08801	0.608326	1.09204	1.09204	0.416597	1.15191	1.15191
cg02455453	MAP7	0.00283381	0.0733396	0.808349	-1.23709	0.216093	0.870483	-1.14879	0.00155948	0.616032	-1.62329	0.210008	0.868697	-1.15115	7.80E-05	0.466841	-2.14206
cg06282556	MAP7	0.00366714	0.614435	1.08947	1.08947	0.335727	1.1823	1.1823	0.391579	1.15961	1.15961	0.53518	0.899477	-1.11176	0.162988	0.777853	-1.28559
cg20481343	MAP7	0.00377018	0.820059	1.02052	1.02052	0.0223654	1.27628	1.27628	0.438319	1.07301	1.07301	0.0200864	0.778811	-1.28401	0.641671	0.959087	-1.04266
cg25289569	MAP7	0.00402026	0.959028	0.985743	-1.01446	0.851896	1.05363	1.05363	0.000249978	0.184723	-5.41352	0.191166	0.6792	-1.47232	0.069975	0.567614	-1.76176
cg06432061	MAP7	0.00598852	0.104717	0.557324	-1.79429	0.0261506	2.38676	2.38676	0.0266794	0.420714	-2.37691	0.121668	0.575116	-1.73878	0.00455695	0.287764	-3.47507
cg12963560	MAP7	0.00678941	0.674204	1.20376	1.20376	0.000199633	15.477	15.477	0.276439	1.64302	1.64302	0.0647801	2.48368	2.48368	0.094051	2.24226	2.24226
cg20026346	MAP7	0.0101934	0.184971	0.575284	-1.73827	0.0055333	4.1944	4.1944	0.469331	1.33577	1.33577	0.524564	1.28866	1.28866	0.016666	0.316781	-3.15676
cg18872215	MAP7	0.0152138	0.316425	0.603308	-1.65753	0.00524578	6.02775	6.02775	0.0963323	2.43718	2.43718	0.372228	1.56356	1.56356	0.0656221	0.364938	-2.74019
cg14580853	MAP7	0.0202896	0.2119	0.60602	-1.65011	0.0220666	0.351484	-2.84508	0.00184214	0.185539	-5.38971	0.153363	0.558624	-1.79011	0.00799897	0.274029	-3.64925
cg12333210	MAP7	0.0296126	0.847888	1.04192	1.04192	0.0492383	0.618812	-1.616	0.00843713	0.48712	-2.05288	0.562319	0.882266	-1.13345	0.927103	0.980623	-1.01976
cg02303324	MAP7	0.0375187	0.0988034	0.462443	-2.16243	0.221402	1.72927	1.72927	0.282082	0.621071	-1.61012	0.257197	1.65512	1.65512	0.51392	0.754226	-1.32586
cg07243161	MAP7;MAP7	0.00237266	0.0397102	0.64126	-1.55943	0.259185	0.802575	-1.24599	0.102975	1.39554	1.39554	0.322427	0.826159	-1.21042	0.202646	0.77779	-1.28569
cg19002149	MAP7D1	7.23E-05	3.30E-05	4.65157	4.65157	8.62E-05	3.83461	3.83461	0.00352619	2.12629	2.12629	0.0776545	1.45348	1.45348	0.000102051	3.71411	3.71411
cg08458912	MAP7D1	0.00272212	0.00211839	2.41427	2.41427	0.634565	1.10262	1.10262	0.186524	1.33068	1.33068	0.0868188	1.47086	1.47086	0.567219	1.12523	1.12523
cg20274824	MAP7D1	0.0171425	0.468832	0.796122	-1.25609	0.965464	0.986695	-1.01348	0.301234	0.717942	-1.39287	0.00562905	0.324897	-3.0779	0.000444559	0.179996	-5.55567
cg02975505	MAP7D1	0.0193989	0.0134204	0.403385	-2.47902	0.0134905	2.47656	2.47656	0.294315	1.38063	1.38063	0.280426	1.39473	1.39473	0.777957	0.919587	-1.08744
cg19380370	MAP7D1	0.0224002	0.0463923	0.741552	-1.34852	0.316097	0.872985	-1.1455	0.242452	1.17389	1.17389	0.310748	0.871578	-1.14734	0.00418605	0.604825	-1.65337
cg14285365	MAP7D1	0.0272414	0.276939	1.48211	1.48211	0.000493334	6.67503	6.67503	0.296961	0.686428	-1.45682	0.231044	1.54829	1.54829	0.358196	1.38925	1.38925
cg15237731	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.00214162	0.779397	0.942855	-1.06061	0.00874134	0.4966	-2.01369	0.00108133	0.36379	-2.74884	0.02427	0.569646	-1.75548	0.00184309	0.395849	-2.52621
cg06016684	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.0041593	0.0152631	0.238012	-4.20146	0.0432221	0.326112	-3.06643	0.295586	1.68643	1.68643	0.00721524	5.31589	5.31589	0.00363314	6.65984	6.65984
cg22657475	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.00583105	0.0262337	3.74701	3.74701	0.401088	0.650129	-1.53816	0.0964442	2.49527	2.49527	0.0445513	3.17606	3.17606	0.0131633	4.66486	4.66486
cg08575950	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.0227272	0.08938	1.95184	1.95184	0.0525661	2.19668	2.19668	0.830512	0.92632	-1.07954	0.261516	1.51904	1.51904	0.0156787	2.87939	2.87939
cg20786173	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.0264712	0.912589	1.0331	1.0331	0.0077879	2.75432	2.75432	0.00224264	3.5567	3.5567	0.326211	1.35065	1.35065	0.03671	2.05383	2.05383
cg10009830	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.0275153	0.0680537	0.21968	-4.55207	0.40897	0.534536	-1.87078	0.606914	1.46947	1.46947	0.117325	3.53128	3.53128	0.00834159	12.187	12.187
cg15622077	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.0293698	0.460254	1.1854	1.1854	0.102457	1.4982	1.4982	0.162155	0.713453	-1.40163	0.134066	1.44126	1.44126	0.0323924	1.76239	1.76239
cg24001644	MAP7D2;MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.0161283	0.437874	0.764487	-1.30807	0.0258792	0.407514	-2.4539	0.562615	1.21975	1.21975	0.0110143	2.95148	2.95148	0.00571768	3.4201	3.4201
cg07694085	MAP7D3	4.28E-05	1.14E-05	0.160691	-6.22312	0.0113762	0.536901	-1.86254	0.0158491	0.559851	-1.78619	0.323781	1.22146	1.22146	0.00368215	0.462713	-2.16117
cg04225254	MAP7D3	0.0001027	0.0829467	0.724236	-1.38076	2.95E-05	0.252668	-3.95776	8.66E-06	0.197017	-5.0757	0.528654	0.89828	-1.11324	0.00221742	0.486537	-2.05534
cg00387056	MAP7D3	0.033344	0.0461768	0.480713	-2.08024	0.241762	1.48122	1.48122	0.531055	1.22563	1.22563	0.083449	0.540982	-1.84849	0.00580354	0.313925	-3.18548
cg00735876	MAP7D3	0.0388499	0.415026	1.52291	1.52291	0.749243	1.17574	1.17574	0.220352	0.521764	-1.91658	0.180246	0.487529	-2.05116	0.0144365	0.218276	-4.58136
cg10549497	MAP7D3	0.0392282	0.644414	1.11926	1.11926	0.0073185	0.432446	-2.31243	0.310202	0.775252	-1.2899	0.985516	0.995609	-1.00441	0.142247	0.682185	-1.46588
cg03251918	MAP9	5.61E-05	0.00233018	0.27863	-3.58899	0.000466039	0.191219	-5.22961	0.0322303	2.12534	2.12534	0.013374	0.398125	-2.51177	0.00622217	0.342292	-2.92149
cg20058148	MAP9	0.000254358	0.00196748	0.211577	-4.72641	0.00087959	0.170225	-5.87456	0.879934	1.05514	1.05514	0.198456	0.617214	-1.62018	9.00E-05	0.0831349	-12.0286
cg24512097	MAP9	0.00300113	0.0219668	0.205311	-4.87065	0.00313811	0.0976509	-10.2406	0.338104	1.76631	1.76631	0.200325	0.458715	-2.18	0.0149075	0.178183	-5.61222
cg22966899	MAP9	0.00632289	0.0153759	0.334406	-2.99038	0.0206242	0.358175	-2.79193	0.0616996	0.460696	-2.17063	0.0151904	0.333452	-2.99893	0.00112044	0.170845	-5.85326
cg15397448	MAP9	0.022694	0.00930419	3.14167	3.14167	0.20717	0.630315	-1.58651	0.511722	1.25974	1.25974	0.346992	1.39933	1.39933	0.0423361	2.2509	2.2509
cg10467997	MAP9	0.0321165	0.0127581	0.307318	-3.25395	0.0527376	0.431857	-2.31558	0.21264	0.606197	-1.64963	0.474717	0.7579	-1.31943	0.00575701	0.251591	-3.97471
cg11335969	MAPK1	0.030813	0.212725	0.772733	-1.29411	0.00588832	0.492661	-2.02979	0.222613	0.777416	-1.28631	0.0720164	0.674014	-1.48365	0.118627	0.716916	-1.39486
cg12845900	MAPK10	0.0374011	0.0205916	0.610298	-1.63854	0.0711	0.699788	-1.429	0.0188432	0.604265	-1.6549	0.472854	0.878732	-1.138	0.5895	0.908056	-1.10125
cg01368160	MAPK10;MAPK10;MAPK10	0.0183809	0.245596	1.17085	1.17085	0.582874	1.0747	1.0747	0.0233009	1.42208	1.42208	0.13247	0.809889	-1.23474	0.339489	1.1364	1.1364
cg12225220	MAPK10;MAPK10;MAPK10	0.0497666	0.785793	0.927516	-1.07815	0.289981	1.35439	1.35439	0.0198259	2.17484	2.17484	0.634371	1.14149	1.14149	0.0103891	0.410076	-2.43857
cg26564072	MAPK10;MAPK10;MAPK10;MAPK10	0.00317121	0.13745	0.732605	-1.36499	0.183287	0.759858	-1.31604	0.0682004	0.672205	-1.48764	0.416288	1.17538	1.17538	0.00193173	0.425945	-2.34772
cg00324827	MAPK10;MAPK10;MAPK10;MAPK10	0.024896	0.910728	1.02572	1.02572	0.155608	1.41054	1.41054	0.161577	0.712901	-1.40272	0.803728	1.05799	1.05799	0.00659333	0.44996	-2.22242
cg11507895	MAPK10;MAPK10;MAPK10;MAPK10	0.0355971	0.395919	1.30465	1.30465	0.57494	0.840874	-1.18924	0.30123	0.720621	-1.38769	0.986515	1.00518	1.00518	0.00134515	0.240542	-4.15728
cg26670562	MAPK10;MAPK10;MAPK10;MAPK10	0.0444405	0.0200638	0.178189	-5.61201	0.0864797	3.20394	3.20394	0.488714	1.54106	1.54106	0.269488	0.493094	-2.02801	0.00589406	0.109117	-9.16448
cg14100973	MAPK10;MAPK10;MAPK10;MAPK10;MAPK10	0.0494114	0.309641	1.97238	1.97238	0.0033294	0.0756329	-13.2218	0.241158	2.20934	2.20934	0.0996235	3.20895	3.20895	0.530392	1.50774	1.50774
cg22328771	MAPK11	0.000263347	0.0617498	0.783721	-1.27596	2.67E-05	2.61556	2.61556	5.57E-05	2.38261	2.38261	0.149195	1.19621	1.19621	0.59956	1.06329	1.06329
cg16054907	MAPK11	0.000918223	0.00241224	4.67177	4.67177	0.94555	1.02523	1.02523	0.39436	1.37469	1.37469	0.556867	1.24203	1.24203	0.000654889	6.72042	6.72042
cg23755154	MAPK11	0.00119267	0.545803	1.15049	1.15049	0.63567	1.11565	1.11565	0.283278	1.2913	1.2913	0.0014217	0.346944	-2.88231	7.71E-05	0.193569	-5.16611
cg08211722	MAPK11	0.0124181	0.99831	1.00073	1.00073	0.0245721	2.52763	2.52763	0.37101	1.37451	1.37451	0.000886393	0.178206	-5.6115	0.0170274	0.36513	-2.73875
cg00735239	MAPK11	0.0212355	0.490927	0.808331	-1.23712	0.28427	0.71299	-1.40254	0.998277	0.999343	-1.00066	0.000782657	0.213363	-4.68684	0.00461915	0.317848	-3.14616
cg13577505	MAPK11	0.0321148	0.0911911	3.00401	3.00401	0.783872	0.849971	-1.17651	0.0469948	3.83516	3.83516	0.373412	1.7164	1.7164	0.615682	1.34884	1.34884
cg00164898	MAPK11	0.0348983	0.780723	0.930281	-1.07494	0.164298	1.46856	1.46856	0.369089	1.26984	1.26984	0.933021	1.02201	1.02201	0.730582	0.914372	-1.09365
cg15036874	MAPK11	0.0349061	0.0350432	2.46732	2.46732	0.135781	1.80609	1.80609	0.0330221	2.50112	2.50112	0.263657	1.53495	1.53495	0.0468753	2.30862	2.30862
cg04956306	MAPK12	0.0032748	0.0495111	0.742948	-1.34599	0.62155	0.936158	-1.0682	0.116779	0.797783	-1.25347	0.0355331	0.722921	-1.38328	0.00113618	0.530102	-1.88643
cg26822572	MAPK12	0.0167636	0.957739	0.986012	-1.01419	?	?	?	0.45452	1.22517	1.22517	0.0542594	1.80816	1.80816	0.0191612	0.459881	-2.17447
cg05119113	MAPK12	0.0211992	0.278698	1.42303	1.42303	0.00279206	0.275051	-3.6357	0.0106494	0.365753	-2.73408	0.0264805	0.438663	-2.27966	0.646124	1.15582	1.15582
cg08795904	MAPK12	0.040971	0.0301063	0.420335	-2.37906	0.894055	1.04632	1.04632	0.186081	1.61023	1.61023	0.120763	0.564519	-1.77142	0.174692	0.612283	-1.63323
cg10750959	MAPK13	0.00827734	0.00631856	0.450893	-2.21782	0.00136732	0.353246	-2.83089	0.104595	0.672104	-1.48787	0.212889	1.34157	1.34157	0.00574899	0.444509	-2.24967
cg13936968	MAPK13	0.0496467	0.421781	1.14289	1.14289	0.0653966	0.714186	-1.4002	0.0176724	0.625214	-1.59945	0.467416	1.12789	1.12789	0.717137	1.061	1.061
cg09658066	MAPK14;MAPK14;MAPK14;MAPK14	0.00116293	0.422422	1.06578	1.06578	0.0333405	1.2133	1.2133	0.0553101	1.18399	1.18399	0.0204391	1.24258	1.24258	0.46768	0.944168	-1.05913
cg18632135	MAPK14;MAPK14;MAPK14;MAPK14	0.00160517	0.385332	1.08343	1.08343	0.0373514	0.804486	-1.24303	0.0261511	0.788536	-1.26817	0.0854062	0.842644	-1.18674	0.485954	1.06582	1.06582
cg15176874	MAPK14;MAPK14;MAPK14;MAPK14	0.0114051	0.11729	0.765245	-1.30677	0.648356	0.930335	-1.07488	0.570574	1.09434	1.09434	0.775947	0.956116	-1.0459	0.365164	0.863867	-1.15759
cg10664338	MAPK14;MAPK14;MAPK14;MAPK14	0.0167077	?	?	?	0.0357426	6.75497	6.75497	0.47501	1.76455	1.76455	0.916259	1.0857	1.0857	0.353196	0.47389	-2.11019
cg12590005	MAPK14;MAPK14;MAPK14;MAPK14	0.0253554	0.00476236	0.139082	-7.18999	0.0423147	0.292014	-3.4245	0.159699	0.453475	-2.20519	0.0338993	0.27157	-3.6823	0.0435246	0.294717	-3.39308
cg17498313	MAPK14;MAPK14;MAPK14;MAPK14	0.0372261	0.354015	0.873956	-1.14422	0.032505	1.42419	1.42419	0.0351339	1.41448	1.41448	0.0468209	0.725027	-1.37926	0.481342	0.903822	-1.10641
cg16857825	MAPK14;MAPK14;MAPK14;MAPK14	0.0382978	0.159063	0.702608	-1.42327	0.297821	1.28801	1.28801	0.550242	1.15228	1.15228	0.19321	1.38113	1.38113	0.0063931	0.435133	-2.29815
cg06595275	MAPK14;MAPK14;MAPK14;MAPK14;MAPK14;MAPK14;MAPK14;MAPK14	6.10E-06	4.62E-08	0.0462771	-21.6089	0.146777	0.778117	-1.28515	0.0455527	0.691164	-1.44683	0.241554	1.21833	1.21833	0.0136743	0.611851	-1.63439
cg22043634	MAPK15	2.38E-05	4.95E-06	34.1575	34.1575	1.67E-05	0.0949361	-10.5334	0.0243769	0.822903	-1.21521	0.000915412	1.85067	1.85067	0.000181783	2.88571	2.88571
cg05041477	MAPK15	0.000698549	0.717781	0.837268	-1.19436	0.0361297	0.303462	-3.2953	0.056543	0.347725	-2.87584	0.0045026	0.156788	-6.37806	0.000359992	0.0607879	-16.4506
cg20000220	MAPK15	0.00124616	0.0130207	2.2666	2.2666	0.00444253	2.74033	2.74033	0.280183	0.742195	-1.34736	0.941985	0.980855	-1.01952	0.0339672	0.518186	-1.92981
cg05826576	MAPK15	0.0013117	0.936086	0.973253	-1.02748	0.0908866	0.532798	-1.87688	0.433087	0.763055	-1.31052	0.805753	1.08685	1.08685	9.34E-05	0.0948311	-10.5451
cg20165448	MAPK15	0.00913037	0.072952	1.34454	1.34454	0.0111033	1.60206	1.60206	0.261092	1.18944	1.18944	0.382195	1.14185	1.14185	0.0421236	1.41423	1.41423
cg11695358	MAPK15	0.00949556	0.472282	1.12162	1.12162	0.0547894	0.710379	-1.4077	0.273728	0.836269	-1.19579	0.592598	1.08849	1.08849	0.129682	0.773367	-1.29305
cg19988204	MAPK15	0.0133518	0.0165401	4.93665	4.93665	?	?	?	0.011945	5.56611	5.56611	?	?	?	0.398341	1.58146	1.58146
cg05626536	MAPK15	0.0135407	0.655786	1.39188	1.39188	0.806381	0.834444	-1.1984	0.0274207	0.146181	-6.84082	0.489158	0.595797	-1.67842	0.0426361	0.179024	-5.58584
cg00910972	MAPK15	0.0146263	0.158969	0.767561	-1.30283	0.181387	1.28315	1.28315	0.405804	0.861184	-1.16119	0.187172	0.782189	-1.27846	0.0344874	0.648365	-1.54234

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05959577	0.0469338	0.811002	-1.23304	0.00216319	0.672655	-1.48665	0.830341	0.98043	-1.01996	0.298637	0.905536	-1.10432	4.47696	0.60154	0.119434	1
cg21558706	0.697889	1.04968	1.04968	0.0391042	0.743197	-1.34554	0.43058	1.10517	1.10517	0.0486071	0.755784	-1.32313	4.38014	1.07183	0.217513	1
cg03787326	0.424393	0.658391	-1.51886	0.001943	0.105847	-9.44761	0.46185	1.46777	1.46777	0.216716	0.513796	-1.9463	3.63451	15.1082	3.69501	1
cg00857862	0.116247	0.535586	-1.86711	0.000173375	0.0970948	-10.2992	0.509331	1.27744	1.27744	0.00148332	0.186951	-5.34899	9.18865	19.4724	1.88372	1
cg22700215	0.0475762	0.348663	-2.8681	0.00173516	0.12528	-7.98211	0.682306	0.825825	-1.21091	0.0482598	0.350102	-2.85631	5.30033	18.151	3.04401	1
cg17684572	0.443466	1.25843	1.25843	0.302359	1.36935	1.36935	0.598781	1.16906	1.16906	0.0503955	0.518867	-1.92728	5.06422	6.94194	1.21847	1
cg26140483	0.369281	1.62905	1.62905	0.00266899	0.111019	-9.0075	0.319616	1.72341	1.72341	0.0229378	0.236923	-4.22078	4.89314	21.7059	3.94309	1
cg02332206	0.0353839	3.43693	3.43693	0.219116	1.91798	1.91798	0.00793994	5.55827	5.55827	0.0816084	2.64483	2.64483	3.82175	15.3708	3.57504	1
cg16509829	0.747485	1.04228	1.04228	0.3632	0.887105	-1.12726	0.632919	0.940181	-1.06363	0.799779	0.967946	-1.03312	5.47297	1.42434	0.231332	1
cg10353859	?	?	?	0.0510152	0.340969	-2.93282	0.00902442	0.194637	-5.13778	0.885439	1.07078	1.07078	8.30997	22.5423	2.71268	1
cg01995078	0.00463926	0.0513361	-19.4795	0.79272	0.830255	-1.20445	?	?	?	0.0319397	0.152116	-6.57394	7.827	45.7393	5.00896	1
cg04662595	0.93377	0.995651	-1.00437	0.137956	0.919655	-1.08736	0.189377	0.929696	-1.07562	0.0117719	1.17935	1.17935	5.48932	0.239031	0.0387064	1
cg00233307	0.123113	1.85295	1.85295	0.727757	1.13774	1.13774	0.00548131	3.85174	3.85174	0.572613	0.810165	-1.23432	4.86965	10.5155	1.91946	1
cg17792788	0.494435	0.884307	-1.13083	0.0579135	0.683939	-1.46212	0.811814	1.04317	1.04317	0.00248889	2.10614	2.10614	3.64136	1.8109	0.442058	1
cg19786121	0.0583962	0.796318	-1.25578	0.719934	1.03909	1.03909	0.223521	1.14591	1.14591	0.000640307	0.572265	-1.74744	12.7391	2.28821	0.159663	1
cg07501988	0.827635	1.14862	1.14862	0.00112036	21.0907	21.0907	0.120563	2.91504	2.91504	0.00485612	10.73	10.73	5.75013	36.7708	5.68425	1
cg08230957	0.979098	1.01046	1.01046	0.204056	1.70255	1.70255	0.00318557	4.94756	4.94756	0.00431084	4.54983	4.54983	5.01022	12.506	2.21876	1
cg18212762	0.0263055	0.462618	-2.16161	0.0102139	0.387759	-2.57892	0.00279787	0.29964	-3.33734	0.256932	0.70741	-1.41361	8.30834	11.2616	1.20485	1
cg18013356	0.836881	0.968564	-1.03246	0.00236961	0.518535	-1.92851	0.662684	1.07037	1.07037	0.0258928	0.663794	-1.50649	6.92061	2.63108	0.337939	1
cg04898797	0.174312	1.49386	1.49386	0.0125178	2.36976	2.36976	0.00143325	3.59825	3.59825	0.452694	1.23674	1.23674	6.55566	8.00943	1.08601	1
cg19109909	0.0204142	0.626138	-1.59709	0.0401531	1.48779	1.48779	0.266322	1.21416	1.21416	0.45539	0.880398	-1.13585	4.99212	2.21939	0.395181	1
cg25934954	0.0138601	0.282312	-3.54218	0.0101813	0.259824	-3.84876	0.475232	0.739348	-1.35254	0.207231	0.57512	-1.73877	4.08089	11.1805	2.4353	1
cg14895876	0.0078486	1.17404	1.17404	0.024963	0.882078	-1.13369	0.000187926	0.743526	-1.34494	0.000269932	1.32442	1.32442	24.0291	0.841857	0.0311421	1
cg15756055	0.171632	0.723432	-1.3823	0.00401439	0.423171	-2.36311	0.819418	0.950401	-1.05219	0.0562059	0.618128	-1.61779	6.57618	5.15456	0.696731	1
cg11491749	0.00356251	0.485485	-2.0598	0.0161073	0.583415	-1.71405	0.0192556	0.595647	-1.67885	0.861658	0.968586	-1.03243	5.98561	3.17436	0.471406	1
cg02710105	0.364241	0.892033	-1.12103	0.0124923	0.683301	-1.46348	0.0739969	0.783484	-1.27635	0.0529245	1.30939	1.30939	3.95041	0.939485	0.211395	1
cg08861825	0.816781	0.9357	-1.06872	0.331694	0.750663	-1.33216	0.0192998	2.2488	2.2488	0.665835	0.883001	-1.1325	3.79816	4.93316	1.15451	1
cg27026673	0.0172832	0.635874	-1.57264	0.0149187	1.59584	1.59584	0.315543	1.17589	1.17589	0.977109	1.00449	1.00449	3.69887	1.42801	0.343169	1
cg22014983	0.187398	1.55372	1.55372	0.0860511	1.81888	1.81888	0.506727	0.808601	-1.2367	0.886346	0.955898	-1.04614	3.65471	5.7572	1.40025	1
cg27483395	1.40E-05	0.340294	-2.93863	0.00222986	0.600672	-1.6648	0.000668007	1.85827	1.85827	0.0284293	0.73506	-1.36043	24.1175	5.40985	0.199389	1
cg16671862	0.198303	1.21748	1.21748	0.689269	0.943483	-1.0599	0.909256	1.01664	1.01664	0.130403	0.789429	-1.26674	7.84113	2.6018	0.294947	1
cg21550141	0.551471	1.29627	1.29627	0.215488	1.75324	1.75324	0.000140794	16.9417	16.9417	0.404833	1.44351	1.44351	7.60233	22.3327	2.6112	1
cg14924697	0.0662078	0.631638	-1.58319	0.103983	1.48641	1.48641	0.951619	0.986562	-1.01362	0.0406732	0.590412	-1.69373	5.49831	4.3292	0.699884	1
cg00747372	0.462768	0.80024	-1.24963	0.820112	0.934347	-1.07027	0.030064	2.13974	2.13974	0.0304462	0.468446	-2.13472	5.26307	7.4091	1.25134	1
cg06597049	0.117762	0.694749	-1.43937	0.192949	1.34367	1.34367	0.0111113	0.505324	-1.97893	0.0853822	0.665157	-1.5034	5.01794	3.65319	0.647134	1
cg14511866	0.279252	1.33606	1.33606	0.0813051	1.6449	1.6449	0.00570649	2.54357	2.54357	0.18409	0.695659	-1.43749	4.7528	4.99304	0.93382	1
cg04116469	0.987473	1.0068	1.0068	0.505227	1.33863	1.33863	0.00091756	8.47271	8.47271	0.0337232	2.91463	2.91463	4.21606	12.4255	2.61972	1
cg23813732	0.224435	2.14781	2.14781	0.0434612	4.01904	4.01904	0.00102739	18.4392	18.4392	0.0913401	3.0461	3.0461	4.18343	23.7766	5.05202	1
cg08875535	0.482911	0.919552	-1.08749	0.0220167	0.723935	-1.38134	0.160645	0.838403	-1.19274	0.372436	1.11371	1.11371	4.13509	0.90592	0.194739	1
cg23417875	0.157657	1.65567	1.65567	0.395406	0.747919	-1.33704	0.39035	0.745475	-1.34143	0.399145	1.33384	1.33384	3.96941	7.00134	1.56784	1
cg03974193	0.548931	1.1525	1.1525	0.850333	0.956753	-1.0452	0.557516	1.14893	1.14893	0.0105335	2.12379	2.12379	3.61841	3.13897	0.771111	1
cg15738916	0.529159	0.939685	-1.06419	0.17784	0.869599	-1.14996	0.664588	1.04349	1.04349	0.00397833	1.45911	1.45911	4.67164	0.704513	0.13405	1
cg05224827	0.013894	0.710721	-1.40702	0.000137176	0.476634	-2.09804	0.000571517	0.549198	-1.82084	0.607549	1.05993	1.05993	10.3434	2.06792	0.177712	1
cg18414618	0.892383	1.02092	1.02092	0.00405734	1.80438	1.80438	0.0395894	1.4392	1.4392	0.801049	0.962111	-1.03938	5.74741	2.13009	0.329438	1
cg27118230	?	?	?	0.0140598	2.00951	2.00951	2.59E-06	0.0733894	-13.6259	0.051611	1.66526	1.66526	26.4132	17.2418	0.746023	1
cg04548956	0.193525	0.695741	-1.43732	0.18736	1.4455	1.4455	0.624984	0.878186	-1.13871	0.641937	0.883842	-1.13142	4.4524	4.9028	0.978809	1
cg06540283	0.318635	0.888619	-1.12534	6.90E-05	2.30087	2.30087	0.0682477	0.791432	-1.26353	0.380705	0.902113	-1.10851	11.3581	2.36121	0.184789	1
cg00708380	0.556013	0.879539	-1.13696	0.000128949	0.238286	-4.19664	0.780132	0.941465	-1.06217	0.450748	1.18014	1.18014	8.09991	5.95995	0.654048	1
cg05872506	0.384859	1.13986	1.13986	0.586587	0.922495	-1.08402	0.275356	0.846425	-1.18144	0.39978	0.881047	-1.13501	5.60436	1.91607	0.303901	1
cg09010323	0.239833	0.838899	-1.19204	0.000688148	0.477248	-2.09535	0.58065	0.923449	-1.0829	0.405708	0.885667	-1.12909	3.90306	1.25927	0.286788	1
cg19915064	0.0915437	1.31053	1.31053	0.0112493	0.629893	-1.58757	0.147066	1.25418	1.25418	0.0104449	0.625486	-1.59876	5.12825	1.72067	0.298247	1
cg03417191	0.000713426	3.02701	3.02701	0.922544	1.02112	1.02112	0.162999	0.726129	-1.37716	0.814224	0.95067	-1.05189	6.14422	4.49448	0.65022	1
cg13474789	0.235538	0.593306	-1.68547	0.0240632	0.323041	-3.09559	0.791318	1.1178	1.1178	0.0643502	0.417806	-2.39345	3.42652	9.56992	2.48257	1
cg21282131	0.716531	1.09781	1.09781	0.509129	1.18695	1.18695	1.18E-07	76.0206	76.0206	0.0926032	1.6058	1.6058	63.167	65.5168	0.921956	1
cg14119158	0.30292	0.785899	-1.27243	1.78E-06	0.0678515	-14.7381	0.0248371	0.54715	-1.82765	0.000528673	0.295589	-3.38307	36.3533	29.348	0.7176	1
cg21462732	0.886572	1.0291	1.0291	0.862293	0.965711	-1.03551	4.87E-07	17.0275	17.0275	0.0389234	1.61677	1.61677	24.8731	15.9099	0.568573	1
cg25096566	0.417736	0.790937	-1.26432	0.00356697	0.326883	-3.0592	1.98E-06	27.8926	27.8926	0.438952	1.25054	1.25054	19.8614	25.2319	1.12924	1
cg13638737	0.000835695	0.641408	-1.55907	0.129869	1.1555	1.1555	0.118099	1.16171	1.16171	0.0054485	0.723997	-1.38122	17.7289	2.19102	0.109853	1
cg10558616	0.458204	1.34416	1.34416	0.139217	0.53625	-1.8648	4.00E-05	21.6083	21.6083	0.128185	0.525225	-1.90394	14.526	35.2719	2.15838	1
cg04124126	0.267457	0.821369	-1.21748	0.293108	1.20416	1.20416	7.40E-06	5.37439	5.37439	0.286461	1.2075	1.2075	12.7298	5.85001	0.408491	1
cg02455453	0.0370415	0.772591	-1.29435	0.356451	1.10634	1.10634	0.31663	0.895557	-1.11662	0.223267	0.872538	-1.14608	8.70399	1.56505	0.15983	1
cg06282556	0.030071	0.650248	-1.53788	6.62E-05	0.291083	-3.43545	0.10331	0.740387	-1.35064	0.6726	1.07434	1.07434	8.06035	3.63303	0.400647	1
cg20481343	0.106297	1.17024	1.17024	0.0224808	1.27591	1.27591	0.00026458	1.70586	1.70586	0.015133	1.30477	1.30477	7.99357	1.00582	0.111847	1
cg25289569	0.730432	0.907851	-1.1015	0.000833022	0.245147	-4.07919	0.493292	0.823273	-1.21466	0.0102911	0.405035	-2.46892	7.84054	9.70146	1.09986	1
cg06432061	0.0649194	0.50491	-1.98055	0.000758101	0.185811	-5.38181	0.840949	1.06849	1.06849	0.220706	0.654118	-1.52878	6.94326	11.9526	1.53019	1
cg12963560	0.071167	2.42068	2.42068	0.988454	0.993673	-1.00637	0.00284298	6.06116	6.06116	0.116245	2.11424	2.11424	6.67836	20.3482	2.70835	1
cg20026346	0.315433	0.664831	-1.50414	0.101753	0.494356	-2.02283	0.00752379	3.86776	3.86776	0.0608522	2.29562	2.29562	5.87449	14.3898	2.17737	1
cg18872215	0.752766	0.857123	-1.16669	0.0179551	0.245856	-4.06742	0.0259524	3.63173	3.63173	0.335722	0.61612	-1.62306	5.1565	19.4399	3.3511	1
cg14580853	0.0315055	0.382653	-2.61333	0.0236833	0.357489	-2.79729	0.57632	0.80654	-1.23986	0.0809797	0.478583	-2.0895	4.68163	10.7554	2.04211	1
cg12333210	0.51589	0.868609	-1.15127	0.00458456	2.24114	2.24114	0.78724	1.05955	1.05955	0.554532	0.880009	-1.13635	4.10573	2.97308	0.643671	1
cg02303324	0.735656	0.865551	-1.15533	0.00224986	0.161664	-6.18566	0.118632	2.05821	2.05821	0.40007	0.692771	-1.44348	3.77066	10.8431	2.55614	1
cg07243161	0.0142897	0.568659	-1.75852	0.0219225	0.598284	-1.67145	0.00024107	3.1111	3.1111	0.0957776	1.40751	1.40751	9.17192	5.07065	0.491417	1
cg19002149	0.0268716	1.64859	1.64859	0.0203331	1.70462	1.70462	8.82E-05	3.8175	3.8175	2.51E-05	4.93184	4.93184	24.1435	13.9043	0.511911	1
cg08458912	0.165263	0.739368	-1.35251	0.00187527	2.45872	2.45872	0.000337524	3.25067	3.25067	0.00898998	1.96938	1.96938	8.80813	5.80633	0.585956	1
cg20274824	0.168786	0.635331	-1.57398	0.424753	0.777104	-1.28683	0.815624	0.930289	-1.07494	0.393558	0.763098	-1.31045	4.95562	7.51159	1.34735	1
cg02975505	0.0967911	0.582424	-1.71696	0.02154	0.44105	-2.26732	0.140013	1.60134	1.60134	0.205933	0.673242	-1.48535	4.75353	6.62006	1.23792	1
cg19380370	0.318435	1.1447	1.1447	0.0303551	1.39597	1.39597	0.0952452	1.27154	1.27154	0.836547	1.02744	1.02744	4.52583	1.23112	0.241795	1
cg14285365	0.660556	1.16622	1.16622	0.121751	1.79263	1.79263	0.222592	1.56202	1.56202	0.344973	1.40278	1.40278	4.22843	8.10816	1.70447	1
cg15237731	0.979841	0.994719	-1.00531	0.000172979	0.262791	-3.80531	0.20079	0.753411	-1.3273	0.122751	0.704394	-1.41966	9.45133	6.57295	0.61818	1
cg06016684	0.00446182	0.160824	-6.21796	0.981677	0.988996	-1.01113	0.30492	1.66847	1.66847	0.427568	1.47741	1.47741	7.76051	28.5351	3.26842	1
cg22657475	0.148681	2.17281	2.17281	0.000258262	20.3403	20.3403	0.00758942	5.58612	5.58612	0.0756532	2.69304	2.69304	7.00056	27.8284	3.53349	1
cg08575950	0.0206127	2.70629	2.70629	0.00179869	4.88172	4.88172	0.0278475	2.5297	2.5297	0.521097	1.26141	1.26141	4.50333	9.09286	1.79479	1
cg20786173	0.248443	1.43014	1.43014	0.0165192	2.38325	2.38325	0.234156	1.44751	1.44751	0.15819	1.56421	1.56421	4.27116	5.94853	1.23797	1
cg10009830	0.136802	0.304605	-3.28294	0.850272	0.869218	-1.15046	0.017844	8.46338	8.46338	0.0883244	4.03383	4.03383	4.2136	36.71	7.74424	1
cg15622077	0.176327	0.722384	-1.3843	0.00396385	2.40247	2.40247	0.0483486	1.66586	1.66586	0.492408	1.17084	1.17084	4.11772	3.33753	0.720468	1
cg24001644	0.052073	0.472398	-2.11686	0.106751	1.8178	1.8178	0.785238	1.09713	1.09713	0.851792	1.06553	1.06553	5.05753	9.2248	1.62131	1
cg07694085	3.12E-05	0.20295	-4.92732	0.00056581	2.85395	2.85395	0.0143107	1.80923	1.80923	0.262576	1.25772	1.25772	27.7362	16.9277	0.542497	1
cg04225254	0.108404	0.745043	-1.3422	0.0079461	1.77169	1.77169	0.0115224	0.587991	-1.70071	0.254758	0.818868	-1.2212	21.9833	9.83283	0.397588	1
cg00387056	0.017916	0.397527	-2.51555	0.0659235	0.516048	-1.93781	0.193913	0.643576	-1.55382	0.168422	0.624631	-1.60095	3.93536	6.40784	1.44735	1
cg00735876	0.751134	0.851607	-1.17425	0.00248218	0.119659	-8.35705	0.841068	0.903604	-1.10668	0.0721017	0.362963	-2.7551	3.72285	15.028	3.58817	1
cg10549497	0.131246	1.48441	1.48441	0.0120402	2.13651	2.13651	0.927652	0.978224	-1.02226	0.865951	1.04181	1.04181	3.70963	3.45298	0.827391	1
cg03251918	0.772802	1.09092	1.09092	4.74E-06	0.042889	-23.316	2.95E-05	0.0853374	-11.7182	0.869489	1.05067	1.05067	25.8172	36.948	1.27213	1
cg20058148	0.0102473	0.316935	-3.15522	5.12E-05	0.067701	-14.7708	0.000234647	0.114689	-8.71924	0.286648	0.675124	-1.48121	17.2087	34.3597	1.7748	1
cg24512097	0.670967	1.27913	1.27913	0.000325965	0.0352143	-28.3976	0.00246703	0.0884542	-11.3053	0.790169	0.857579	-1.16607	8.55719	44.9804	4.67239	1
cg22966899	0.0284803	0.385933	-2.59113	0.00225099	0.207053	-4.82967	0.783723	0.90364	-1.10664	0.00668446	0.273696	-3.65369	6.8276	14.6659	1.90937	1
cg15397448	0.605367	1.19823	1.19823	0.0289711	0.409309	-2.44314	0.870651	0.945027	-1.05817	0.0198935	0.37711	-2.65175	4.5056	8.59036	1.69475	1
cg10467997	0.600303	0.81742	-1.22336	0.00825693	0.275798	-3.62584	0.0466143	0.41942	-2.38424	0.0698956	0.461689	-2.16596	3.98869	9.18566	2.04705	1
cg11335969	0.15673	1.34658	1.34658	0.298972	1.23551	1.23551	0.162046	0.745806	-1.34083	0.0121444	0.541129	-1.84799	4.04815	2.47433	0.54331	1
cg12845900	0.524854	1.12086	1.12086	0.0157092	1.68914	1.68914	0.296558	0.825612	-1.21122	0.613664	0.913807	-1.09432	3.77498	1.87433	0.441346	1
cg01368160	0.109095	1.25476	1.25476	0.000831023	1.92233	1.92233	0.0723807	1.29747	1.29747	0.0982308	1.26561	1.26561	4.84089	1.29336	0.237489	1
cg12225220	0.39697	0.786961	-1.27071	0.392363	0.785027	-1.27384	0.0508393	0.540911	-1.84873	0.91625	1.02948	1.02948	3.39416	4.10124	1.07406	1
cg26564072	0.0496477	0.64689	-1.54586	0.739013	0.937037	-1.06719	0.288706	0.807169	-1.2389	8.52E-05	0.253304	-3.94782	8.41808	5.04379	0.532588	1
cg00324827	0.0147002	0.506683	-1.97362	0.020927	0.533086	-1.87587	0.271742	1.29564	1.29564	0.103497	0.668237	-1.49647	4.36355	3.5419	0.721513	1
cg11507895	0.339421	0.739942	-1.35146	0.395578	0.766337	-1.30491	0.0517293	1.96838	1.96838	0.874534	1.04952	1.04952	3.8435	5.69554	1.31721	1
cg26670562	0.860056	1.11461	1.11461	0.226232	0.457812	-2.1843	0.196208	0.431582	-2.31706	0.286256	0.506153	-1.97569	3.54206	21.2085	5.32232	1
cg14100973	0.529161	1.50964	1.50964	0.424155	0.59017	-1.69443	0.220646	0.435222	-2.29768	0.349737	1.8624	1.8624	3.40341	22.4979	5.87592	1
cg22328771	0.182787	1.17793	1.17793	0.358911	0.896488	-1.11546	0.0423747	1.311	1.311	0.00229997	1.63803	1.63803	17.0465	3.62227	0.188883	1
cg16054907	0.882001	0.947262	-1.05567	5.02E-05	16.0258	16.0258	0.103779	0.522618	-1.91344	0.0877693	1.98853	1.98853	12.0542	25.403	1.87324	1
cg23755154	0.147452	1.42823	1.42823	0.0130801	2.02559	2.02559	0.766329	1.07073	1.07073	0.8808	0.966175	-1.03501	11.1913	9.32074	0.740315	1
cg08211722	0.248752	0.65869	-1.51816	0.31318	0.696804	-1.43512	0.247267	0.657748	-1.52034	0.382326	0.733256	-1.36378	5.51181	10.4685	1.68825	1
cg00735239	0.0904027	0.566971	-1.76376	0.238427	0.686926	-1.45576	0.574436	0.84152	-1.18833	0.601968	0.852111	-1.17356	4.60943	6.75196	1.30206	1
cg13577505	0.0481278	0.263036	-3.80176	0.772751	0.842659	-1.18672	0.00753599	0.13095	-7.63651	0.0850587	3.08262	3.08262	3.98876	22.0829	4.92115	1
cg00164898	0.0898481	0.616191	-1.62287	0.00587835	0.39317	-2.54343	0.0264446	0.505851	-1.97687	0.0242847	0.4989	-2.00441	3.87121	4.11176	0.944124	1
cg15036874	0.150715	1.76186	1.76186	0.00176803	5.14283	5.14283	0.0384783	2.4151	2.4151	0.232869	1.58411	1.58411	3.87089	8.29045	1.90377	1
cg04956306	0.842073	0.973899	-1.0268	0.00308555	0.58453	-1.71078	0.00025388	0.449667	-2.22387	0.0228904	0.697042	-1.43463	8.33783	2.32107	0.247447	1
cg26822572	0.00503796	0.356279	-2.80679	0.022386	0.473008	-2.11413	0.372972	1.27648	1.27648	0.101923	0.617142	-1.62037	5.68521	5.53664	0.852133	1
cg05119113	0.791171	1.08668	1.08668	0.227346	0.672364	-1.48729	0.671562	1.14292	1.14292	0.0652115	0.5229	-1.91241	4.61213	7.16629	1.38115	1
cg08795904	0.419808	0.755714	-1.32325	0.00291961	0.249186	-4.01307	0.497285	1.26386	1.26386	0.216744	0.642965	-1.55529	3.65069	6.67625	1.62557	1
cg10750959	0.0575234	0.618088	-1.61789	0.101691	0.66943	-1.49381	0.299605	1.27225	1.27225	0.550271	0.873389	-1.14497	6.2764	4.98709	0.706292	1
cg13936968	0.123874	1.31156	1.31156	0.216343	1.23583	1.23583	0.0203014	1.57675	1.57675	0.973703	0.99465	-1.00538	3.39727	1.42522	0.372906	1
cg09658066	0.043902	1.19726	1.19726	0.000145043	0.60132	-1.66301	0.0502885	1.18944	1.18944	0.00234988	1.39099	1.39099	11.2723	1.07902	0.0850875	1
cg18632135	0.151095	0.870642	-1.14858	3.63E-05	0.488548	-2.04688	0.0643455	1.20578	1.20578	0.681008	0.963467	-1.03792	10.2768	1.31947	0.114127	1
cg15176874	0.292174	1.18754	1.18754	0.000229205	2.61829	2.61829	0.217215	1.22652	1.22652	0.374061	1.1543	1.1543	5.66602	2.21957	0.348208	1
cg10664338	0.000729681	0.0180494	-55.4035	0.656037	0.70438	-1.41969	0.438237	1.85542	1.85542	0.760262	1.2703	1.2703	5.09178	43.8061	8.60329	1
cg12590005	0.125457	0.417764	-2.39369	0.00838476	0.169888	-5.88623	0.0111734	0.187545	-5.33205	0.0865707	0.369207	-2.70851	4.33588	19.0243	3.90013	1
cg17498313	0.667071	0.940687	-1.06305	0.0756679	0.756265	-1.32229	0.364202	1.14081	1.14081	0.0482018	1.37575	1.37575	3.78145	1.19551	0.281022	1
cg16857825	0.107081	0.661977	-1.51063	0.359836	0.801895	-1.24705	0.267676	1.31099	1.31099	0.0257968	0.537516	-1.86041	3.74243	3.25966	0.774223	1
cg06595275	0.230455	0.816546	-1.22467	0.800468	1.04164	1.04164	0.00492682	0.548793	-1.82218	0.726695	1.05816	1.05816	46.1136	18.9537	0.365353	1
cg22043634	?	?	?	?	?	?	0.0752627	0.883615	-1.13171	0.0121384	0.777321	-1.28647	1600.88	39.8737	0.0106746	1
cg05041477	0.0152117	0.232501	-4.30106	2.25E-05	0.0156629	-63.8451	0.347336	0.622807	-1.60563	0.0149762	0.231368	-4.32211	13.0185	49.3725	3.3711	1
cg20000220	0.0843209	1.66056	1.66056	0.00010744	0.162978	-6.13579	0.141514	1.52177	1.52177	0.950331	0.983592	-1.01668	11.052	12.3467	0.993018	1
cg05826576	0.587342	0.830912	-1.2035	0.000113525	0.101171	-9.88424	0.607775	0.839455	-1.19125	0.055183	0.47958	-2.08516	10.8911	19.7111	1.60875	1
cg20165448	0.0736054	1.34343	1.34343	0.00107086	0.489011	-2.04494	0.642385	1.07167	1.07167	0.584954	1.08506	1.08506	6.08453	2.11128	0.308437	1
cg11695358	0.122521	1.30045	1.30045	0.000343061	0.404581	-2.47169	0.235448	1.21555	1.21555	0.167973	0.793994	-1.25946	6.00909	2.34544	0.346947	1
cg19988204	?	?	?	0.0672135	0.33193	-3.01268	0.0859768	0.361379	-2.76718	?	?	?	6.71295	16.1286	3.36366	1
cg05626536	0.242084	0.4056	-2.46548	0.000297231	0.0130303	-76.744	0.777104	1.23267	1.23267	0.20418	0.372464	-2.68482	5.35823	46.0989	7.64746	1
cg00910972	0.605115	1.09599	1.09599	0.000367855	0.367028	-2.72459	0.481913	0.881969	-1.13383	0.79255	0.95474	-1.04741	5.22406	2.55468	0.434686	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12160103	MAPK15	0.0201789	0.505453	1.51309	0.51309	1.00734809	0.35513	0.3155	0.0120773	0.83993	0.83993	0.2826256	0.503175	-1.98738	0.350077	0.553799	-1.80571	0.209661	0.443819	-2.25317	0.982307	1.03125	1.03125	?	?	0.0321352	0.213199	4.67424	4.77539	25.3773	5.31418	1
cg06344474	MAPK15	0.0255275	0.904895	0.974881	-1.02577	0.428963	0.842098	-1.18751	0.0123149	0.515093	-1.9414	0.146482	0.717678	-1.39338	0.047042	0.616392	-2.62234	0.014484	0.52666	-1.89876	0.0171108	0.38559	-2.59343	0.575097	0.886439	-1.12811	0.135976	0.710379	-1.4077	4.32567	3.10346	0.637736	1
cg23379425	MAPK15	0.0411912	0.00658229	8.48829	8.48829	0.45838	0.632777	-1.58033	0.801285	0.858259	-1.16515	0.827916	1.14104	1.14104	0.105318	0.342144	-2.92275	0.991891	1.00618	1.00618	0.0114465	6.80605	6.80605	0.292703	0.516021	-1.93791	0.288464	1.95012	1.95012	5.64346	21.197	5.17138	1
cg20427722	MAPK15	0.0447489	0.50508	0.757574	-1.32325	0.299355	1.56132	1.56132	0.0494258	0.595112	-2.53093	0.786481	1.19101	1.19101	0.0471397	0.390334	-2.56212	0.36093	0.677449	-1.47615	0.0023193	0.173717	-5.82353	0.710438	0.858085	-1.16701	0.131299	0.509317	-1.96341	3.53292	9.59643	2.41448	1
cg21962760	MAPK15	0.0449226	0.64192	1.15913	1.15913	0.450119	0.784539	-1.27463	0.312552	0.719356	-1.39013	0.660176	0.86978	-1.14972	0.496952	0.804548	-1.24293	0.381924	1.32679	1.32679	0.0083505	3.506358	4.85485	0.684383	0.879091	-1.13754	0.165578	0.627308	1.59411	3.5278	5.55544	1.39979	1
gs55460044	MAPK1;MAPK1	0.000642206	0.0013502	0.389951	-2.56443	0.0360485	0.610649	-1.63762	0.111791	0.704463	-1.41952	0.00477866	0.468751	-2.13333	9.89E-06	0.146475	-6.82711	0.113033	0.705463	-1.41751	0.0435534	0.625337	-1.59914	0.428937	0.849205	-1.17745	0.0658832	0.658728	-1.51808	13.3285	6.83801	0.576076	1
cg15292599	MAPK1;MAPK1	0.00400051	0.0326629	0.66624	-1.50096	0.0897521	0.737961	-1.35509	0.777516	0.955022	-1.0471	0.807086	0.961034	-1.04055	0.000295464	0.383748	-2.60541	0.900177	0.979819	-1.0206	0.111388	0.755873	-1.33297	0.318031	1.18255	1.18255	0.000700974	0.431901	-2.31535	7.85219	3.28226	0.37156	1
cg00578437	MAPK1;MAPK1	0.00863282	0.0242367	2.49925	2.49925	0.0895613	0.37493	-1.34681	0.0155122	0.76022	-4.75022	0.0624337	2.04446	2.04446	0.41907	0.754613	-1.32519	0.170096	1.64589	1.64589	0.0020553	2.9706	2.9706	0.00980759	3.04467	3.04457	0.494546	1.26687	1.26687	6.19358	11.4072	1.63713	1
gs10080401	MAPK1;MAPK1	0.0131653	0.00400445	3.942	-2.90528	0.247564	0.716489	-1.39569	0.102015	0.630445	-1.63815	0.765843	0.9885	-1.01205	0.0275839	0.550116	-1.81755	0.176005	0.627494	-1.487	0.0065498	0.377555	-2.64862	0.92026	1.028	1.028	0.110197	0.618722	-1.61623	5.40777	6.51362	1.07066	1
gs18352793	MAPK1;MAPK1	0.0138535	0.00542689	0.211282	-4.733	0.323541	0.648421	-1.54221	0.0559504	0.398536	-2.50918	0.267298	0.61201	-1.63396	0.00160855	0.146323	-6.83421	0.0609019	0.407561	-2.45362	0.00588352	0.216249	-4.62431	0.446662	0.719241	-1.39035	0.0192611	0.300324	-3.32974	5.31824	15.205	2.54136	1
gs21265916	MAPK1;MAPK1	0.0279742	0.584038	1.09297	1.09297	0.915184	?	?	?	0.881146	1.04268	1.04268	0.153973	1.37073	0.2309152	1.348898	1.348898	0.2007554	1.34221	1.34221	0.0158861	3.995197	3.995197	1.352824	1.352824	0.0158861	3.995197	1.363651	1.363651	1.174611	1.174611	4.818814	0.793116	0.154923	1
gs08328535	MAPK1;MAPK1	0.0330711	0.0272065	0.754441	-1.32548	?	?	?	0.0119979	1.4019	0.185138	0.859427	-1.16357	0.466195	0.923173	1.08322	0.954811	0.99391	-1.00613	0.714932	0.961228	-1.04034	0.841001	1.02189	1.02189	0.020273	1.35217	1.35217	0.411096	0.656356	0.1636	1
gs12802921	MAPK1;MAPK1	0.0394882	0.0209221	0.377724	-4.26055	0.605356	0.763782	1.30927	0.113301	1.31159	2.31159	0.188462	2.05524	2.05524	0.735099	0.838981	-1.19192	0.145444	0.475818	-2.10164	0.406024	0.476931	-2.09763	0.0285483	0.292994	-3.41304	0.486063	0.714417	-1.39974	3.53539	12.6398	3.17796	1
gs23681311	MAPK1;MAPK1;MAPK1;MAPK1	0.0283468	0.479154	0.891597	-1.12158	0.0187798	0.157475	1.57475	0.0319414	1.49318	0.881486	0.976488	-1.02408	0.120777	0.764635	-1.30781	0.615388	0.923386	-1.08414	0.0360308	0.668869	-1.49955	0.287815	1.50874	1.50874	0.413621	0.875204	-1.14259	0.165965	1.67882	0.358106	1
gs21152269	MAPK1IP1L	4.18E-06	0.713422	0.954885	-1.04725	0.0036105	0.611363	-1.6359	0.0085724	0.645569	1.55	0.0857244	1.41534	1.41534	3.96E-08	0.0876524	-11.4253	0.585868	1.07132	1.07132	0.124624	0.852456	-1.17308	0.350435	0.886671	-1.12781	0.0280935	1.385	1.3885	50.825	12.6077	0.220499	1
gs01344859	MAPK1IP1L	0.00191359	0.524246	1.06573	1.06573	?	?	?	0.636902	0.95418	-1.04802	0.0283183	1.29094	1.29094	0.119369	1.1699	1.1699	0.00357542	0.677544	-1.47592	0.000182439	1.86682	1.86682	0.970086	1.00371	1.00371	0.0231738	1.30704	1.30704	0.990063	1.36857	0.136986	1
gs26215227	MAPK1IP1L	0.0141883	0.666632	0.95763	-1.04419	0.953405	1.00585	1.00585	0.920461	1.00995	1.00995	0.0194457	0.77823	-1.28497	0.584001	0.946421	-1.05661	0.285871	0.895331	-1.11691	0.00018443	0.685981	-1.4663	0.864158	1.01723	1.01723	0.00229233	1.52994	1.52994	5.27665	0.831551	0.140281	1
gs13674316	MAPK1IP1L	0.030527	0.59308	1.05584	1.05584	0.915928	1.34229	1.34629	0.0819596	0.823524	-1.21429	0.0357344	1.29711	1.29711	0.432179	0.922426	-1.0841	0.617247	0.950512	-1.05206	0.0686766	0.814429	-1.22775	0.827355	0.979238	-1.02225	0.0229267	1.760242	1.31537	4.06161	0.652726	0.14285	1
gs20016874	MAPK1IP1L;MAPK1IP1L	0.0479748	0.0171121	0.319975	-3.12524	0.273933	1.56265	1.56265	0.88537	1.05819	1.05819	0.721983	0.869285	-1.15037	0.572795	1.25036	1.25036	0.231479	0.611341	-1.63575	0.228072	1.64225	1.64225	0.0185143	3.06458	3.06458	0.0428019	2.49479	2.49479	3.44165	8.38005	2.16435	1
gs05280148	MAPK3;MAPK3;MAPK3	7.09E-07	0.609258	1.64134	1.35E-07	2.58896	2.58896	1.84E-05	1.64734	1.64734	1.64734	1.84E-05	1.64734	1.64734	0.055677	1.53754	0.00979732	0.748284	1.1139	1.1139	0.0010121	1.32159	1.32159	0.731485	0.939197	1.06421	1.06421	0.0059685	1.80926	1.2357	0.80486	4.14438	0.0402207	1
gs05313261	MAPK3;MAPK3;MAPK3	0.000347043	0.280524	0.65109	-1.53605	0.00133205	0.608801	0.60801	0.000212442	13.0345	13.0345	0.000328274	0.0914025	-10.9406	0.00221386	0.176358	5.67029	0.648759	0.839782	-1.19079	?	?	?	0.168118	1.72335	1.72335	0.432065	1.35791	1.35791	0.301303	40.5391	1.74477	1
gs05445914	MAPK3;MAPK3;MAPK3	0.0684609	0.5981237	1.07912	1.07912	0.59824	0.49776	1.49776	0.0709383	0.763782	1.30927	0.113301	1.31159	2.31159	0.188462	2.05524	2.05524	0.735099	0.838981	-1.19192	0.145444	0.475818	-2.10164	0.406024	0.476931	-2.09763	0.0285483	0.292994	-3.41304	0.486063	0.714417	-1.39974	14.3414	3.36259	0.234652	1
gs05984388	MAPK3;MAPK3;MAPK3	0.0209187	?	?	?	0.820671	0.899072	-1.11226	0.0639093	2.65345	2.65345	0.00178466	0.124497	-8.0323	0.610786	0.786221	1.27191	0.652388	1.23673	1.23673	0.0300535	3.30583	3.30583	0.476492	1.40386	1.40386	0.57292	1.30596	1.30596	4.71665	14.5801	3.09119	1
gs05941575	MAPK4	0.00179938	0.0186687	1.34368	1.84368	0.00162495	0.263544	0.0377676	2.0824	2.0824	0.00832408	2.06205	0.00533388	2.19792	2.19792	0.309022	1.72242	1.72242	0.00114294	4.27523	4.27523	0.00458574	2.24747	2.24747	0.0181884	1.85023	1.85023	0.100141	7.32255	0.648237	1
gs00039841	MAPK4	0.00285284	0.105131	0.836353	-1.19545	0.0154822	0.0591158	2.00917	0.0012768	4.00607	4.00607	0.00013611	0.0171442	5.83008	0.0003599	0.261468	3.82496	0.0784117	0.731342	1.36731	0.0019361	3.955887	3.955887	0.0872331	1.83153	1.83153	0.0324295	2.609423	2.609423	5.42975	8.68675	1.58909	1.73642	1
gs22059733	MAPK4	0.0126676	0.386607	0.826872	-1.20938	0.0082012	2.06374	2.06374	0.0303608	1.72498	1.72498	0.141821	1.40261	1.40261	0.204109	0.750454	-1.33253	0.0472706	0.614946	-1.62616	0.00527174	0.454774	-2.19889	0.962886	1.01002	1.01002	0.8956661	0.972286	-1.0285	5.47623	3.97945	0.645934	1
gs25615585	MAPK4	0.0225818	0.00883644	0.438648	-2.27973	0.0126563	0.547155	-1.24264	0.0554983	0.585779	-1.70771	0.419916	0.815763	-1.22585	0.0196407	0.646071	-1.54782	0.0037439	0.383142	-2.6366	0.0018785	0.379586	0.82185	-1.6081	0.989899	1.00507	1.00507	0.6455129	0.43663	-2.29063	0.859611	1
gs25440036	MAPK4	0.0295268	0.0168499	0.523408	-1.91056	0.0678771	0.615065	-1.57464	0.292869	0.784875	-1.27413	0.284737	0.781771	-1.27979	0.013362	0.506451	-1.97453	0.243345	0.762596	-1.31131	0.0105925	0.488834	-2.04151	0.684658	0.636055	-1.57219	0.108552	1.474934	1.47494	0.209038	2.19309	0.693897	1
gs05492442	MAPK4	0.0186406	0.594493	0.900953	-1.10994	0.1418843	1.3588	1.3588	0.675281	1.08522	1.08522	0.453896	1.15963	1.15963	0.0536182	0.65347	-1.53029	0.61907	1.10219	1.10219	0.222553	0.780171	-1.28177	0.0026955	2.23643	2.23643	0.281869	0.804851	-1.24247	3.73023	2.22633	0.53052	1
gs05116677	MAPK4	0.0480852	0.9802062	1.01225	1.01225	0.7967955	2.18128	2.18128	0.0822126	0.607471	1.64597	0.0313545	0.531154	1.88314	0.0137131	0.479106	-2.08654	0.557566	1.20264	1.20264	0.0874197	1.79866	1.79866	0.726497	1.11544	1.11544	0.623149	1.16659	1.16659	1.42257	0.996446	1.36258	1
gs10074949	MAPK6	0.0122452	0.0102101	0.678113	-1.47468	0.169381	0.838964	-1.19195	0.230188	1.16302	1.16302	0.70249	0.954662	-1.04749	0.0207136	0.39663	1.39663	0.150961	1.20274	1.20274	0.00918502	0.672506	-1.48697	0.028781	1.36246	1.36246	0.804538	0.970697	-1.03019	0.537	1.26155	0.202525	1
gs21278826	MAPK6	0.0144198	0.0994468	1.08218	1.08218	0.0208376	0.407174	-1.23627	0.0175553	0.488453	-2.04326	0.152813	0.880442	-1.13543	0.0208707	0.514205	-1.94575	0.817661	1.14587	1.14587	0.0340195	0.556071	-1.79848	0.192762	0.718801	-1.39128	0.0356106	0.708546	-1.41152	3.99126	2.48364	0.624853	1
gs06797280	MAPK6	0.018947	0.0190884	0.47826	-2.09091	0.0074838	2.408519	-2.44787	0.652004	0.888661	-1.12529	0.279262	0.746409	-1.33975	0.0037659	0.3618	-2.76395	0.834072	0.946919	-1.05606	0.00546709	0.386733	-2.58576	0.7218	1.09741	1.09741	0.385704	0.793567	-1.26013	4.79158	1.13026	0.951717	1
gs09889920	MAPK6	0.0265005	0.236026	0.828757	-1.20663	0.531484	0.938577	-1.10062	0.00163918	0.505552	-1.97804	0.771714	1.04499	1.04499	0.166552	0.800027	-1.24996	0.558554	0.914402	-1.09361	0.0159278	0.56284	-1.77625	0.907133	1.10273	1.10273	0.243723	0.94773	-1.05515	4.26951	1.54714	0.322105	1
gs04288919	MAPK6	0.0124833	0.266846	0.681237	-1.46791	0.0158924	0.776576	1.14635	0.0145135	0.759093	1.31766	0.0405102	0.914663	1.09324	0.0198947	0.735636	-1.35969	0.914801	0.958457	1.04357	0.0482844	0.914854	-1.09324	0.927614	1.07853	1.07853	0.0326563	1.515166	1.515166	1.29732	1.94312	0.434295	1
gs19832322	MAP6;MAP6	0.00737995	0.126709	1.29151	1.29151	0.654702	0.932665	-1.0722	0.0533436	1.40478	1.40478	0.000291906	0.400756	-2.49528	0.0894021	0.74825	-1.33645	0.919178	1.01584	1.01584	0.151725	0.78834	-1.26849	0.68327	1.06558	1.06558	0.20692	1.22889	1.22889	5.6068	2.47115	0.337582	1
gs13201666	MAP7;MAP7	0.0453302	0.490009	0.79552	-1.2598	0.0258422	0.577455	-1.73174	0.0534953	1.54242	1.54242	0.184182	0.2176826	0.761034	-1.3142	0.315692	1.53074	0.960828	0.98986	-1.01024	0.8221624	0.761684	1.31582	1.31582	0.0009078	2.729351	1.51588	0.824804	0.656225	1	4.729351	1.51588	0.824804	0.656225	1
gs13832201	MAP7;MAP7;MAP7;MAP7	0.0137269	0.11357	1.29799	1.29799	0.120981	1.2901	1.2901	0.00802628	1.67286	1.67286	0.00229922	1.90688	1.90688	0.934879	0.987697	-1.01246	0.159729	2.26276	2.26276	0.14637	1.2664	1.2664	0.196379	1.813074	1.2299	0.00552733	1.73736	1.73736	5.33428	1.93863	0.323047	1
gs23653444	MAP7;MAP7;MAP7;MAP7	0.0167269	0.720557	0.950708	-1.05185	0.109968	0.782565	-1.27785	0.8812384	1.3126	1.3126	0.10397	0.778663	-1.28425	0.748057	0.955661	-1.0464	0.18243	0.819441	-1.22034	0.000983241	1.99267	1.99267	0.607921	0.929766	-1.07554	0.202225	1.20862	1.20862	4.96646	1.56714	0.278801	1
gs16119134	MAP7;MAP7;MAP7;MAP7	0.0187253	0.610082	1.10744	1.10744	0.374646	0.773347	-1.29308	0.0284444	1.54242	1.54242	0.184182	0.2176826	0.761034	-1.3142	0.315692	1.53074	0.562036	0.926916	-1.07985	0.100734	1.26204	1.26204	0.0193669	0.876544	1.15588	0.208974	0.656225	1	1.15588	0.208974	0.656225	1	4.729351	1.51588	0.824804	0.656225	1
gs23832201	MAP7;MAP7;MAP7;MAP7	0.0257247	0.00377377	0.0777715	-12.8582	0.2875737	0.0576	2.0576	0.708626	0.782477	-1.27796	0.622798	0.00229922	1.90688	1.90688	0.934879	0.987697	-1.01246	0.159729	2.26276	2.26276	0.14637	1.2664	1.2664	0.196379	1.813074	1.2299	0.00552733	1.73736	1.73736	5.33428	1.93863	0.323047	1
gs21238922	MAP7;MAP7;MAP7;MAP7	0.0316625	0.0344673	0.7	-1.42857	0.0764422	0.97158	-1.02955	0.8167671	1.29582	1.29582	0.0879524	0.1441967	1.31663	0.1169184	1.29582	1.29582	0.0879524	0.1441967	1.31663	0.1169184	1.29582	1.29582	0.0879524	0.1441967	1.31663	0.1169184	1.29582	1.29582	0.0879524	0.1441967	1.31663	0.1169184	1.29582	1.29582	0.0879524	0.1441967	1.31663	0.1169184	1.29582
gs26984694	MAP7;MAP7;MAP7;MAP7	0.0346839	0.933209	1.02587	1.02587	0.301453	1.38811	1.38811	0.443846	1.26939	1.26939	0.162057	1.5832	1.5832	0.00146772	0.226106	-4.4227	0.562036	0.926916	-1.07985	0.100734	1.26204	1.26204	0.0193669	0.876544	1.15588	0.208974	0.656225	1	1.15588	0.208974	0.656225	1	4.729351	1.51588	0.824804	0.656225	1
gs18174085	MAP7;MAP7;MAP7;MAP7	0.0172543	0.0100813	0.552287	-1.81062	0.116589	0.577732	-1.73114	0.0284444	1.54242	1.54242	0.184182	0.2176826	0.761034	-1.3142	0.315692	1.53074	0.960828	0.98986	-1.01024	0.8221624	0.761684	1.31582	1.31582	0.0009078	2.729351	1.51588	0.824804	0.656225	1	1.15588	0.208974	0.656225	1	4.729351	1.51588	0.824804	0.656225	1
gs25412651	MAP8;MAP8;MAP8;MAP8;MAP8	0.0428094	0.00949927	0.291272	-3.43322	0.0271309	0.541284	0.84138	0.0666743	0.46213	-2.16389	0.403114	0.7245345	-1.38056	0.0115179	0.305215	-3.27519	0.0202895	0.349765	-2.85906	0.0104678	0.159812	0.98476	1.0072	1.0072	0.108067	0.509377	-1.96318	0.59178	0.85696	1.38403	1
gs24774960	MAPKBP1	0.00037306	0.00062179	0.239781	-4.17048	0.000123163	0.162591	-6.15045	0.000130809	0.165156	-6.05489	0.60969	1.11457	1.11457	0.000626884	0.240266	-4.16206	0.955411	1.01528	1.01528	0.201001	1.44231	1.44231	0.992974	1.00239	1.00239	0.113906	0.627245	-1.59427	15.4949	9.08461	1.03536	1
gs07253178	MAPKBP1	0.0025137	0.0838317	1.18499	1.18499	0.0148258	1.3267	1.3267	0.0424995	1.58401	1.58401	0.0131737	1.47902	1.47902	0.0829868	1.10731	1.10731	0.314497	1.09933	1.09933	0.0296154	1.05956	1.05956	0.785805	0.933475	1.07127	0.0887874	0.86494	1.15615	0.91744	0.853284	1.04165	1
gs04200323	MAPKBP1	0.0039174	0.374557	0.959931	-1.04174	0.0560919	0.907484	-1.10195	0.0050597	0.847786	-1.18093	0.0053386	1.179	1.179	0.0927656	1.08653	1.08653	0.395838	0.961737	-1.03979	0.0256333	1.12632	1.12632	0.00280519	0.831309	1.20292	0.91102	0.994997	-1.00503	7.90204	0.251944	0.0283408	1
gs02655000	MAPKBP1	0.0072942	0.0080814	1.553521	1.553521	0.0433972	1.35222	1.35222	0.0253661	1.4251	1.4251	0.565251	1.07844	1.07844	0.2249742	1.17559	1.17559	0.200936	1.19201	1.19201	0.0015905	1.80166	1.80166	0.0260034	1.40686	1.40686	0.5.6313	1.74333	0.237541	1								
gs14873752	MAPKBP1	0.0144657	0.72476	1.04104	1.04104	0.00345923	1.67933	1.67933	0.0120838	2.43219	2.43219	0.163443	1.045576	-1.18263	0.387733	0.904981	-1.105	0.835122	0.976769	-1.02378	0.387913	0.50501	-1.98019	0.196496	1.16652	1.16652	0.0232203	1.35797	1.35797	5.24317	1.05616	0.179054	1
gs03491478	MAPKBP1	0.0154468	0.474889	0.843932	-1.18493	0.183635	1.39245	1.39245	0.804587	1.05959	1.05959	0.576107	0.876446	-1.14097	0.705091	0.915051	-1.09283	0.676723	1.10285	1.10285	0.0204207	0.530792	-1.92015	0.0057892	0.429958	-2.32581	0.0045228	0.341611	2.9277	4.53059	4.42975	0.767466	1
gs02977328	MAPKBP1	0.0040447	0.00854449	0.2.6436	-3.78247	0.00554745	0.208315	-4.80458	0.0125333	0.582424	1.71869	0.0317443	0.462259	2.16329	0.00434604	0.229707	-4.35256	0.284553	0.570228	-1.75368	0.0698356	0.359006	-2.78547	0.239444	0.536614	-1.86354	0.6309747	0.783033	-1.27709	4.23484	17.1252	3.59456	1
gs07264815	MAPKBP1	0.0090354	0.0400459	0.749052	-1.33491	0.105018	0.712551	-1.40339	0.0182407	0.82733	1.20931	0.0822006	2.20375	2.20375	0.294733	0.640224	-1.56195	0.0075742	0.244234	-4.09443	0.0421115	0.35099	-2.84913	0.0377267	0.679238	-1.47212	0.0644268	0.2456	2.3456	0.94062	10.8938	2.57069	1
gs07065803	MAPKBP1	0.0191329	0.201094	0.842158	-1.18742	0.466382	0.910004	-1.0989	0.50382	1.09015	1.09015	0.6099943	1.30821	1.30821	0.0480879	0.7405056	-1.35043	0.876307	0.980377	-1.02002	0.0290911	1.38713	1.38713	0.0369691	1.36102	1.36102	0.0265695	1.39718	1.39718	5.99888	1.02472	0.227893	1
gs12121704	MAPKBP1	0.016285	0.437021	1.11746	1.11746	0.12974	0.795116	-1.25768	0.3779506	0.880878	-1.13523	0.00657289	1.63951	1.63951	0.53034	0.914813	-1.09312	0.635292	0.935267	-1.06921	0.42911	1.11965	1.11965	0.00859121	1.59916	1.59916	0.383457	1.882337	-1.13335	3.81688	1.18602	0.276204	1
gs06891565	MAPKBP1	0.0206512	0.00975904	0.157297	-6.35846	0.0215175	0.5.6593	-1.58586	0.0476621	0.635665	-1.57339	0.168367	1.21077	1.21077	0.159024	0.826828	-1.20934	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232	0.1.2232
gs26513850	MAPKBP1	0.00185174	0.427463	0.897194	-1.11459	0.298702	0.740801	-1.40801	0.0031147	1.8702	1.8702	0.097109	1.2761	1.2761	0.147562	0.81216	-1.23128	0.235801	0.864747	-1.18099	0.0048897	0.207821	2.07821	0.0324317	1.71186	1.71186	0.0084586	1.56927	1.56927	0.86035	0.798821	0.252397	1
gs02756845	MAPKBP1	0.0078488	0.0034407	0.2.6436	-3.78247	0.0133447	0.2.6436	-3.78247	0.0.2815	0.2.2815	0.2.2815	0.2.2815	0.2.2815	0.2.2815	0.2.2815	0.2.2815	0.2.2815	0.675934	0.988294	-1.01204	0.0088274	0.466458	-2.14225	0.69758	1.06317	1.06317	0.175276	1.04938	1.04938	5.03454	0.827468	0.269681	1
gs15900600	MAPKBP2	0.024368	0.682038	0.88927	-1.11201	0.965663	0.988966	-1.01116	0.10304	1.58356	1.58356	0.692333	1.10794	1.10794	0.00646074	0.401426	2.49112	0.330519	0.771977	-1.29537	0.314541	1.30744	1.30744	0.00802812	2.39993	2.39993	0.0587615	1.73365	1.73365	4.39616	6.62544	0.935249	1
cg17629264	MAPKBP2;MAPKBP2	0.00799173	0.136546	0.829122	-1.2061	0.3777	0.899654	-1.11154	0.0860876	0.801258	-1.24804	0.787873	0.968983	-1.03201	0.0136455	0.142822	1.42822	0.328721	1.24949	1.12499	0.00443745	1.91556	0.961976	1.02054	1.02054	0.359297	0.895729	-1.11641	0.34621	1.37185	0.192149	1
gs12879576	MAPKBP2;MAPKBP2	0.0434486	0.0586335	0.7.6436	-1.30727	0.627792	0.970133	-1.0301	0.0170643	0.823133	0.823133	0.823133	0.823133	0.823133	0.823133	0.823133	0.823133	0.70869	0.970722	-1.02976	0.2.7916	1.3837	0.68

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19306990	MAPRE3	0.00680797	0.0610944	0.648506	-1.54201	0.2732656	1.26507	2.39507	0.956177	1.01134	0.446821	1.17242	1.172422	0.00313657	0.383202	-2.60959	0.667684	0.915187	-1.09267	0.112248	0.701294	-1.42594	0.003844942	0.557078	-2.80051	0.0421303	-1.6168	6.63751	4.43965	0.592768	1
cg04059696	MAPRE3	0.0119852	0.0239726	0.355721	-2.81119	0.102267	0.503449	-1.9863	0.012701	0.3046511	-3.28245	0.557099	1.25596	1.25596	0.0093863	0.222237	-4.49971	0.246647	0.628169	-1.59193	0.00449128	0.233675	-4.27945	0.398053	1.39386	1.39386	0.0207301	0.343447	-2.91166	5.57573	13.0066	2.07353	1
cg07495389	MAPRE3	0.0142014	0.0112166	0.330727	-3.02364	0.201235	1.60001	1.60001	0.799441	0.9151661	-1.0927	0.007987	0.306078	-3.26714	0.352672	0.716744	-1.3952	0.309587	0.693394	-1.44218	0.242017	1.53176	1.53176	0.260878	1.50431	1.50431	0.003320	0.244735	-4.08606	5.27504	10.1307	1.70711	1
cg25377468	MAPRE3	0.0177618	0.2863351	0.819462	-1.22031	0.00226106	0.463672	-2.15697	0.154173	1.33578	1.331578	0.901273	1.02258	1.02258	0.5840133	1.10459	1.10459	0.0134789	0.576783	-1.73376	0.0843254	1.40992	1.40992	0.0996672	0.7227795	-1.38352	0.4839934	1.13653	1.13653	4.897	2.51023	0.4556648	1
cg11153596	MAPRE3	0.0197685	0.0241422	1.80003	1.80003	0.00871594	0.481589	-2.07646	0.125649	0.696064	-1.43665	0.111501	0.684577	-1.46076	0.361611	0.814639	-1.22754	0.195659	1.34874	1.34874	0.021484	1.82915	1.82915	0.240488	0.764409	-1.3282	0.604867	0.892161	-1.12087	2.4732	3.57506	0.672814	1
cg27192247	MAPRE3	0.0252596	0.0851515	0.668516	-1.49585	0.422088	0.840721	-1.18945	0.9555064	0.988304	-1.01183	0.984677	0.995945	-1.00407	0.00939069	0.497608	-2.00961	0.816166	0.951926	-1.0505	0.00100475	0.394358	-2.53577	0.0132251	0.5522196	-1.81499	0.748093	0.394101	-1.07055	4.3416	3.0777	0.630121	1
cg06350145	MAPRE3	0.0340816	0.381983	0.83801	-1.1933	0.16293	1.3412	1.3412	0.199757	0.7656669	-1.30605	0.832042	0.959003	-1.04275	0.00110375	0.387522	-2.5805	0.169745	0.74956	-1.33412	0.612511	1.10591	1.10591	0.384019	1.19236	1.19236	0.305136	0.81115	-1.23282	1.90446	2.40235	0.546919	1
cg25515091	MAPRE3	0.0342004	0.278431	0.842546	-1.18688	0.109448	0.779312	-1.28318	0.8670566	0.7950239	-1.31275	0.0249641	1.50013	1.50013	0.4570906	1.12202	1.12202	0.246304	0.831676	-1.20239	0.1004596	1.10105	1.10105	0.0171076	0.6974866	-1.55553	0.1156115	0.775041	-1.29685	3.89557	1.42724	0.325332	1
cg12821679	MAPRE3	0.0405364	0.0373648	1.63259	1.63259	0.0747338	1.46508	1.46508	0.157181	1.35867	0.0823364	1.98329	1.98329	0.0234384	1.25271	1.2679	1.2679	0.848522	1.0395	1.0395	0.0848155	1.64609	1.64609	0.0365841	1.63584	1.63584	0.175213	0.7467	-1.33923	3.66051	2.38273	0.577788	1
cg09337677	MAPRE3	0.0444078	?	?	?	0.215312	2.25538	2.25538	0.646316	1.33393	1.33393	0.196541	0.426763	-2.34322	0.418074	0.596894	-1.67534	0.00288878	0.0777109	-12.8682	0.982877	0.986706	-1.01347	0.0708172	0.283991	-3.52124	0.36356	1.79014	1.79014	1.59715	19.6929	5.47458	1
cg05301556	PT;MAPT;MAPT MAPT;MAPT;LOC101028977;LOC10013	0.000192105	0.232285	0.679981	-1.47063	0.0127896	0.235501	-4.24626	0.00430138	0.308661	-3.2398	0.0279461	2.22472	2.22472	8.33E-05	0.112954	-8.85319	0.972586	1.01064	1.01064	5.52E-05	0.0991977	-10.0809	0.000299226	0.163423	-6.11909	0.0776684	0.546743	-1.82901	18.5728	27.8852	1.33458	1
cg18878992	0148;MAPT;MAPT;MAPT;MAPT MAPT;MAPT;LOC101028977;LOC10013	0.00276723	0.174329	0.434523	-2.30137	0.115755	2.68089	2.68089	0.0386258	0.251155	-3.9816	0.00255396	11.1774	11.1774	0.0607815	0.295452	-3.38464	0.174677	2.29963	2.29963	0.00347891	0.101533	-9.84897	0.00323317	0.1046	10.146	0.637405	1.31501	1.31501	8.76544	46.189	4.68395	1
cg10780632	0148;MAPT;MAPT;MAPT;MAPT MAPT;MAPT;LOC101030148;LOC10012	0.00769332	0.4090007	0.873033	-1.14543	0.00271259	0.440684	-2.2692	0.533465	0.882688	-1.1329	0.278643	0.800219	-1.24966	0.441677	1.16791	1.16791	0.00665111	0.498192	-2.00726	0.00477693	0.476586	-2.09826	0.00293795	0.445671	-2.24381	0.0191162	0.570589	-1.75258	6.42256	3.98169	0.551071	1
cg12989733	8977;MAPT;MAPT;MAPT;MAPT MAPT;MAPT;LOC101030148;LOC10012	0.00972416	?	?	?	0.998005	1.00061	1.00061	0.00970345	0.449287	-2.22575	0.400461	1.23425	1.23425	0.00673264	2.16329	2.16329	?	?	?	0.00620502	0.417866	-2.39311	0.656738	1.11559	1.11559	0.584578	1.14454	1.14454	6.23396	4.59209	0.841857	1
cg08091649	8977;MAPT;MAPT;MAPT;MAPT MAPT;MAPT;LOC101030148;LOC10013	0.0203933	0.344134	1.07455	1.07455	0.664714	1.0327	1.0327	0.669144	0.96878	-1.03223	0.656581	1.03357	1.03357	0.00970479	1.27304	1.27304	0.316203	1.07946	1.07946	0.00196956	0.724187	-1.38086	0.241135	1.09476	1.09476	0.134285	1.12653	1.12653	4.6735	0.402971	0.0766442	1
cg19156875	48;MAPT;MAPT MAPT;MAPT;MAPT;LOC1001301	0.00400481	0.0230993	4.13838	4.13838	0.14295	2.27768	2.27768	0.0166466	4.61192	4.61192	0.0703148	2.87984	2.87984	0.0023741	0.0353798	4.10459	0.146968	0.407745	-2.45251	0.020443	5.00337	0.00883276	0.83017	6.83017	0.42642	1.59692	1.59692	0.0851853	2.99499	2.99499	0.64298	31.7947	4.67682	1
cg19009912	48;MAPT;MAPT MAPT;MAPT;MAPT;LOC1001301	0.00761283	0.744735	1.13276	1.13276	0.0337078	2.57614	2.57614	0.498891	1.29943	1.29943	0.161327	1.76958	1.76958	0.00148739	0.174061	-5.74512	0.267642	0.643654	-1.55363	0.00257689	0.203052	-4.92485	0.783076	1.11104	1.11104	0.154968	0.559481	-1.78737	6.44378	14.8572	2.04949	1
cg04382470	48;MAPT;MAPT	0.0112244	0.234402	1.88918	1.88918	0.0538532	3.05613	3.05613	0.159235	2.15494	2.15494	0.221189	1.92768	1.92768	0.00265142	0.119784	-8.34834	0.146393	0.451288	-2.21588	0.00778581	0.175408	-5.70101	0.25428	1.83589	1.83589	0.426333	0.660642	-1.51368	5.69531	23.4939	3.66679	1
cg14202850	48;MAPT;MAPT	0.0218213	0.5144464	1.24358	1.24358	0.341287	1.38176	1.38176	0.385077	1.34131	1.34131	0.0667443	1.96958	1.96958	0.0075479	0.321905	-3.1065	0.647082	0.858985	-1.16416	0.00573708	0.302974	-3.30061	0.111774	1.77021	1.77021	0.545593	0.817341	-1.22348	4.56669	7.86462	1.53082	1
cg05533539	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.00310877	0.85425	0.961831	-1.03968	0.0013875	2.66671	2.66671	0.00989775	1.99308	1.99308	0.636403	0.904134	-1.10603	0.00563946	0.463561	-2.15721	0.704504	0.922529	-1.08398	0.671483	1.09448	1.09448	0.0242054	1.76595	1.76595	0.00757984	0.48342	-2.06859	8.46805	6.00674	0.630526	1
cg21953146	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.00321615	0.216888	0.810392	-1.23397	0.244129	1.54332	1.54332	0.125458	1.30777	1.30777	0.0163858	1.60755	1.60755	0.105711	0.751297	-1.33103	0.311422	0.844128	-1.18466	0.141836	1.2912	1.2912	0.00523158	2.68666	2.68666	0.0758788	0.726396	-1.37666	8.38287	3.47605	0.368587	1
cg12604352	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.00491931	0.941231	1.01702	1.01702	0.000298134	3.84671	3.84671	0.0114707	2.06243	2.06243	0.013991	2.00286	2.00286	0.499094	0.854672	-1.17004	0.15798	0.707878	-1.41267	0.129533	1.45477	1.45477	0.0131224	2.02183	2.02183	0.491729	1.17331	1.17331	7.37512	6.18333	0.737414	1
cg00609617	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.00932931	0.324103	0.556016	-1.79851	0.00433855	8.99912	8.99912	0.00547979	8.20772	8.20772	0.0353798	4.10459	4.10459	0.146968	0.407745	-2.45251	0.020443	5.00337	0.00883276	0.83017	6.83017	0.42642	1.59692	1.59692	0.0851853	2.99499	2.99499	0.64298	31.7947	4.67682	1
cg24612059	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0123354	0.297474	2.33896	2.33896	0.00311116	24.0841	24.0841	0.00503192	18.5201	18.5201	0.0541873	5.57909	5.57909	0.020811	0.112053	-8.92436	0.0796353	4.62003	4.62003	0.161435	3.24279	3.24279	0.138358	3.50837	3.50837	0.356807	2.10765	2.10765	5.52381	54.1434	8.71273	1
cg15690475	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0166266	0.331026	2.43651	2.43651	0.00835435	19.9354	19.9354	0.00326683	35.176	35.176	0.0994779	4.96934	4.96934	0.0207952	0.0845111	-11.8328	0.134359	4.19305	4.19305	0.118136	4.5111	4.5111	0.230729	3.05373	3.05373	0.57602	1.65144	1.65144	5.0065	62.5152	11.0994	1
cg19276540	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0185493	0.459373	1.43901	1.43901	0.482533	1.41172	1.41172	0.640685	1.25495	1.25495	0.462492	1.43525	1.43525	0.00766296	0.0852551	-11.7295	0.347218	0.626497	-1.59618	0.0757296	2.59871	2.59871	0.238195	1.81644	1.81644	0.128194	0.451817	-2.21329	4.82602	17.8396	3.28582	1
cg00480298	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0232015	0.384809	1.18456	1.18456	0.497042	0.877158	-1.14005	0.493079	1.14147	1.14147	0.803942	1.04842	1.04842	0.455938	0.865597	-1.15527	0.000617911	0.367235	-2.72305	0.316889	0.821457	-1.21735	0.122047	1.37515	1.37515	0.217496	0.781441	-1.27969	4.47139	2.55872	0.50866	1
cg01934064	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0266024	0.581899	0.840035	-1.19043	0.00198252	3.93294	3.93294	0.138554	1.64841	1.64841	0.025832	2.29216	2.29216	0.0674789	0.190054	-1.90054	0.120784	1.69451	1.69451	0.07935	1.8413	1.8413	0.0145142	2.56995	2.56995	0.210627	1.51205	1.51205	4.26378	6.63472	1.38317	1
cg22128613	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0273748	0.00820235	2.10912	2.10912	0.006826	2.16669	2.16669	0.144172	1.41363	1.41363	0.326114	1.25069	1.25069	0.260605	1.29548	1.29548	0.347555	1.23788	1.23788	0.838218	0.955895	-1.04614	0.00318384	2.43199	2.43199	0.761275	1.06954	1.06954	4.22118	3.25456	0.68534	1
cg15323584	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0303458	0.40696	1.13384	1.13384	0.734943	1.0516	1.0516	0.775194	1.04331	1.04331	0.994137	0.998913	-1.00109	0.0735581	1.34361	1.34361	0.0842947	1.32681	1.32681	0.000844125	2.10268	2.10268	0.262902	0.84128	-1.18866	0.675701	0.939604	-1.06428	4.07022	1.41333	0.308654	1
cg27457921	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0306149	0.217957	1.32872	1.32872	0.117569	0.688826	-1.45174	0.0571249	1.60923	1.60323	0.398802	1.20858	1.20858	0.0142241	0.0351314	-12.6933	0.150636	1.40192	1.40192	0.0199905	2.60326	2.60326	0.169003	1.37902	1.37902	0.671841	0.910786	-1.09795	0.457346	3.09065	0.677086	1
cg24802130	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0386622	0.0971956	0.307955	-3.24723	0.00197342	16.9281	16.9281	0.105899	3.1354	3.1354	0.121127	2.96689	2.96689	0.21015	2.35018	2.35018	0.0820063	3.47938	3.47938	0.41934	1.70557	1.70557	0.525946	1.51561	1.51561	0.87114	1.11076	1.11076	3.72946	24.7291	5.89399	1
cg13400969	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.041727	0.145485	0.701248	-1.42603	0.476789	0.848523	-1.17852	0.573837	1.13772	1.13772	0.496846	0.855017	-1.16957	0.0156413	0.510245	-1.95984	0.0230591	0.539535	-1.85345	0.0139845	1.99199	1.99199	0.781642	0.93886	-1.06512	0.918377	0.976994	-1.02355	3.62608	2.96065	0.725767	1
cg26979107	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.04924	0.113163	1.48209	1.48209	0.0175321	1.93426	1.93426	0.0224118	1.86693	1.86693	0.20224	1.3597	1.3597	0.0129724	2.02118	2.02118	0.235272	1.32828	1.32828	0.011754	2.05077	2.05077	0.594051	1.13062	1.13062	0.118083	1.47296	1.47296	3.4079	2.81107	0.733217	1
cg24677220	;STH	0.0340907	0.0984631	0.581115	-1.72083	0.874672	1.04842	1.04842	0.735818	0.903538	-1.10676	0.204836	0.669825	-1.49293	0.00716152	0.357768	-2.79511	0.0120304	0.391336	-2.55535	0.612837	0.858257	-1.16515	0.0199394	2.12254	2.12254	0.650774	0.872399	-1.14626	1.90409	0.54796	1.26317	1
cg06166885	1-Mar	4.86E-05	0.000149553	0.135936	-7.35641	4.98E-05	0.0970728	-10.3015	0.000411826	0.179414	-5.57369	0.341236	0.740474	-1.35049	2.35E-05	0.0751994	-13.298	0.00056311	0.194381	-5.14452	5.75E-05	0.101636	-9.83906	0.0330577	2.14591	2.14591	0.0077485	0.35071	-2.85136	26.8183	39.8685	1.32143	1
cg10962056	1-Mar	0.00150092	0.0062502	0.540176	-1.85125	0.0624382	0.695986	-1.43681	0.0611354	0.694411	-1.44007	0.0553319	0.687277	-1.45502	0.00019834	0.339454	-2.94591	0.00383734	0.509112	-1.96112	0.0131794	0.588927	-1.69802	0.521995	1.11869	1.11869	0.000317669	0.36504	-2.73943	10.4777	4.95662	0.420499	1
cg21645344	1-Mar	0.010136	0.0994073	1.15026	1.15026	0.0151832	1.60508	1.60508	0.0544384	1.35559	0.0550344	1.94289	1.94289	0.0161556	0.0892576	1.51385	1.51385	0.583569	1.05769	1.05769	0.0772043	1.39089	1.39089	0.0206731	1.80865	1.80865	0.0119358	0.559938	0.084573	1.66251	0.559938	0.084573	1
cg08748033	1-Mar	0.0140379	0.163233	0.508877	-1.96511	0.0913121	0.429924	-2.32599	0.731588	0.855301	-1.16918	0.0658259	0.391795	-2.55235	0.00116914	0.114961	-8.69864	0.0149735	0.257199	-3.88804	0.0437621	2.86382	2.86382	0.746605	1.15855	1.15855	0.385854	0.667945	-1.49713	5.29517	17.2814	2.901	1
cg17330600	1-Mar	0.0173208	0.0685384	1.46412	1.46412	0.0107958	0.532016	-1.87964	0.109814	0.743582	1.44198	0.0150582	0.80168	1.80168	0.594918	1.11167	1.11167	0.396249	1.18674	1.18674	0.0970594	0.625833	-1.59788	0.234989	0.773214	1.29142	0.0972033	1.43149	1.43149	6.43848	3.0768	0.540759	1
cg23596240	1-Mar	0.0195852	0.214531	1.20256	1.20256	0.0132588	0.648385	-1.54229	0.0768433	0.757485	-1.32016	0.0392238	0.714067	-1.40043	0.477852	1.10723	1.10723	0.824524	1.96919	-1.03184	0.00951773	1.58884	1.58884	0.0456555	0.7236638	-1.38191	0.866373	0.765508	-1.02406	4.73815	1.49525	0.280513	1
cg05093071	1-Mar	0.0209035	0.0090813	0.332809	-3.00472	0.0287518	0.424875	-2.35364	0.000980031	0.338967	-2.95014	0.222414	0.65343	-1.53039	0.00617213	0.30564	-3.27182	0.452211	0.775572	-1.28937	0.857393	1.06151	1.06151	0.432927	0.766769	-1.30417	0.0097579	0.338052	-2.95813	4.63431	8.08298	1.55036	1
cg01372725	1-Mar	0.0402728	0.3473239	1.03717	1.03717	0.832974	0.827967	-1.20778	0.196006	0.850588	-1.16688	0.797708	1.02942	1.02942	0.553805	1.10007	1.10007	0.474484	0.921006	-1.08577	0.288642	0.880387	1.13586	0.0376274	1.31286	1.31286	0.00401966	1.52275	1.52275	3.67392	0.674283	0.17935	1
cg22299454	1-Mar	0.0413925	0.101448	0.315412	-3.17046	0.47089	0.623779	-1.60313	0.514434	1.5302	1.5302	0.0311547	0.196434	-5.09076	?	?	?	0.97109	0.977503	-1.02301	0.666321	0.756433	-1.32199	0.00186842	0.0584757	-17.1011	0.366273	0.55032	-1.81712	1.69353	21.5284	5.8287	1
cg16008138	10-Mar	0.00871301	0.0161898	0.419048	-2.38636	0.00255849	0.315073	-3.17388	0.0942673	0.601795	-1.66169	0.277836	0.752316	-1.36553	0.00307821	0.326754	-3.06041	0.0275445	0.485779	-2.05855	0.00282375	0.321272	-3.11263	0.0189868	0.46028	-2.17259	0.0605786	0.565246	-1.76914	6.17548	7.45406	1.20293	1
cg05747555	MARCH10;MARCH10	0.00333889	0.0076516	0.285909	-3.49762	0.166885	0.58379	-1.71294	0.00216177	0.20754	-4.81835	0.0287033	0.389692	-2.56613	0.000216512	0.104981	-9.52553	0.0186378	0.352893	-2.83372	0.00457858	0.251917	-3.96956	0.605223	0.8265597	-1.20978	0.0687634	0.475241	-2.1042	8.28975	17.5119	1.87776	1
cg08353536	MARCH10;MARCH10	0.00994467	0.0105917	0.47094	0.47094	0.00674061	4.64741	4.64741	0.0180924	3.50976	3.50976	0.0510103	2.6434	2.6434	0.0228276	3.29145	3.29145	0.0123111	3.909	3.909	0.00304078	5.90503	5.90503	0.00602429	4.80329	4.80329	0.0594549	2.53565	2.53565	5.92111	17.937	2.69274	1
cg17050097	MARCH10;SOX8;MARCH10	0.0138344	0.757285	0.875336	-1.5355	0.0240029	0.0892568	-2.11226	0.412266	0.340527	-2.93662	0.342495	1.52535	1.52195	0.384487	0.645807	-1.46656	0.105596	1.468031	-2.13661	0.0153241	1.0244	1.0244	0.912926	0.4946237	-2.02169	0.299274	1.58727	1.58727	5.32806	15.5404	2.59625	1
cg15204912	MARCH10;MARCH10	0.0208498	0.727257	0.951108	-1.05141	0.0147863	0.650904	-1.53632	0.272971	0.849306	-1.17743	0.0548231	0.732139	-1.36586	0.00106332	0.500235	-1.99906	0.396182	1.13246	1.13246	0.388602	0.881178	-1.13484	0.874671	0.9776556	-1.02285	0.0314686	0.696848	-1.43503	4.63838	1.50558	0.288525	1
cg09644722	MARCH10;MARCH10	0.0313937	0.96825	1.03353	1.03353	0.0422226	1.95138	1.95138	0.0140858	1.40054	1.40054	0.0866823	1.58255	1.58255	0.0155593	1.64047	1.64047	0.0350193	2.21781	2.21781	0.0155593	1.58787	1.58787	0.0170475	1.70443	1.70443	0.0160111	3.39499	3.39499	4.84728	43.7257	9.66541	1
cg03872724	MARCH10;MARCH10	0.0377592	0.0751047	0.522824	-1.91269	0.081177	1.88252	1.88252	0.880272	0.951878	-1.05055	0.280279	0.692645	-1.44374	0.00146749	0.222538	-4.49361	0.953115	1.01943	1.01943	0.890954	0.956109	-1.04591	0.549442	0.8202221	-1.21918	0.221708	0.65687	-1.52237	3.76187	6.37887	1.50726	1
cg14127567	MARCH10;MARCH10	0.0397012	0.325457	0.840558	-1.19015	0.0241341	1.05496	1.05496	0.0138991	0.691525	-1.44608	0.280987	0.967983	-1.03308	0.00634496	0.449513	-2.53962	0.0997719	1.12626	1.12626	0.0997719	1.15719	1.15719	0.0423503	0.9040939	-1.10505	0.1486121	0.844819	-1.18369	3.69332	0.665685	0.207986	1
cg18182587	MARCH10;MARCH10	0.042654	0.6548868	1.83902	1.83902	-1.11233	0.160656	1.42557	1.42557	0.0131347	0.683036	-2.07024	0.283118	0.768074	-1.30196	0.00791575	0.44071	-2.23859	0.808273	0.944102	-1.05921	0.786295	0.937723	-1.06641	0.8540408	1.04455	1.04455	0.0215987	0.520609	-1.92083	3.59664	3.18893	0.788126	1
cg13213923	MARCH10;MARCH10;MARCH10	0.0237011	0.443444	1.70842	1.70842	0.0126781	8.36082	8.36082	0.0085248	9.98074	9.98074	0.00702995	10.8969	10.8969	0.676004	1.33387	1.33387	0.11805	3.20033	3.20033	0.0115024	12.6364	12.6364	0.216267	2.93974	2.93974	0.43486	33.0254	6.61377	1
cg16182986	11-Mar	0.0409349	0.299523	1.08154	1.08154	0.0788189	1.16486	1.16486	0.0843583	1.17686	1.17686	0.0433193	1.20376	1.20376	0.0183703	1.36017	1.36017	0.0274544	1.48579	2.05855	0.00282375	0.321272	-3.11263	0.0189868	0.46028	-2.17259	0.0605786	0.565246	-1.76914	6.17548	7.45406	1.20293	1
cg03477332	11-Mar	0.0013256	0.0002396	0.106243	-9.41241	0.500254	0.777397	-1.28634	0.23493	0.632457	-1.58113	0.19727	0.605558	-1.65137	0.00153002	0.186658	-5.35739	0.0118888	0.31492	-3.17541	0.000566977	0.140106	-7.13747	0.00128661	0.178336	-5.60739	0.00606558	0.267458	-3.73891	10.8583	23.2899	1.90657	1
cg07722694	11-Mar	0.0023443	0.0035	0.14495	0.14495	0.0376583	0.24911	-4.0134	0.0154504	0.24215	-4.12935	0.0176457	0.24215	-4.12935	0.0078215	0.24215	-4.12935	0.0109853	0.15186	0.15186	0.0044027	0.0593153	-16.8627	0.0049463	0.13774	0.15273	0.6065582	0.905059	-1.1049	10.0227	27.9842	2.90933	1
cg21901718	11-Mar	0.0295213	0.92771	1.02137	1.02137	0.131228	0.724337	-1.38057	0.516694	0.880939	-1.14241	0.924227	0.978073	-1.02242	0.00164077	0.349769	-2.85903	0.0488228	1.68935	1.68935	0.0073157	2.23883	2.23883	0.00062702	0.2936625	-3.40571	0.800627	1.06075	1.06075	5.9941	2.79372	0.764658	1
cg03705912	11-Mar	0.0693978	0.450664	1.13352	1.13352	0.80649	1.04077	1.04077	0.0158089	1.61846	1.61846	0.64879	1.07753	1.07753	0.251224	0.822658	-1.21557	0.23659	0.817141	-1.22378	0.00029363	0.382607	-2.61365	0.448846	0.8818955	-1.13392	0.1130353	1.32426	1.32426	6.63296	2.78576	0.373322	1
cg11584519	11-Mar	0.0083011	0.0083011	0.144905	0.144905	0.0376583	0.24911	-4.0134	0.0154504	0.24215	-4.12935	0.0176457	0.24215	-4.12935	0.0078215	0.24215	-4.12935	0.0109853	0.15186	0.15186	0.0044027	0.0593153	-16.8627	0.0049463	0.13774	0.15273	0.6065582	0.905059	-1.1049	10.0227	27.9842	2.90933	1
cg09017494	11-Mar	0.0341673	0.821308	1.05354	1.05

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11119655	MARCH8;MARCH8;MARCH8	0.00122913	0.486634	0.912967	-1.09533	0.00045802	0.491237	-2.03568	0.000960292	0.530717	-1.88424	0.407441	1.11534	1.11534	0.157557	0.823094	-1.21493	0.149891	1.22001	1.22001	0.000888508	1.89911	1.89911	0.726988	0.955851	-1.04619	0.220045	0.846947	-1.18071	11.0955	2.9162	0.233624	1
cg18032386	MARCH8;MARCH8;MARCH8	0.00284833	0.868995	0.981226	-1.01913	0.00474411	0.650106	-1.53821	0.0987553	0.812334	-1.23102	0.143726	1.19765	1.19765	0.0375613	0.758039	-1.31919	0.0537467	0.777659	-1.28591	0.163051	1.18643	1.18643	0.00221775	1.63591	1.63591	0.00236587	0.614579	-1.62713	8.69083	1.81448	0.185584	1
cg18613031	MARCH8;MARCH8;MARCH8	0.0133456	0.11063	0.711169	-1.40613	0.00744843	0.508808	-1.96538	0.0984809	0.700983	-1.42657	0.0199932	0.57668	-1.73406	0.132074	0.727109	-1.37531	0.994442	1.00137	1.00137	0.00580721	2.0307	2.0307	0.360599	1.20235	1.20235	0.505932	1.14149	1.14149	5.38376	3.27781	0.541184	1
cg14026106	MARCH8;MARCH8;MARCH8	0.0183056	0.0413622	0.488579	-2.04675	0.00167622	0.254691	-3.92632	0.503151	1.2298	1.2298	0.462125	1.25593	1.25593	0.161641	1.57614	1.57614	0.330164	1.35785	1.35785	0.443763	0.788444	-1.26832	0.548198	0.831131	-1.20318	0.0341779	2.12204	2.12204	4.84758	7.11491	1.30464	1
cg27092808	MARCH8;MARCH8;MARCH8;MARCH8	8.70E-05	0.00193676	0.421673	-2.37151	0.216031	0.773877	-1.29219	0.331393	1.21812	1.21812	0.103019	0.703873	-1.42071	1.27E-06	0.0859904	-11.6292	0.711027	1.07602	1.07602	0.0351514	1.62119	1.62119	0.0472696	0.639597	-1.56348	0.4884	1.14865	1.14865	22.9811	14.1089	0.54572	1
cg03790325	MARCH8;MARCH8;MARCH8;MARCH8	0.0267515	0.326008	0.876453	-1.14096	0.405982	0.89534	-1.11689	0.0766805	0.774108	-1.29181	0.00118589	0.538889	-1.85567	0.802899	1.03306	1.03306	0.0966155	0.788836	-1.26769	0.0446577	0.740991	-1.34954	0.201718	0.8392	-1.19161	0.171834	1.20821	1.20821	4.25543	1.13967	0.238058	1
cg05220083	9-Mar	0.00021981	0.841516	0.969026	-1.03196	0.0690238	0.726326	-1.37679	0.0087918	0.59193	-1.68939	0.326411	1.17261	1.17261	0.000209838	0.377424	-2.64954	0.00381522	0.54168	-1.84611	2.93E-05	0.275933	-3.62407	0.969018	0.993915	-1.00612	9.25E-05	0.333984	-2.99415	17.9062	7.00438	0.347707	1
cg11081034	9-Mar	0.00393003	0.0953619	0.815409	-1.22638	0.000151181	2.06327	2.06327	0.107231	1.2163	1.2163	0.302194	0.887773	-1.12641	0.973564	1.0037	1.0037	0.145495	1.19014	1.19014	0.0454258	0.774484	-1.29118	0.125624	0.831442	-1.20273	0.489427	1.08134	1.08134	7.89435	1.55083	0.174621	1
cg17828445	9-Mar	0.0433322	0.103615	3.16904	3.16904	0.0894463	3.3651	3.3651	0.14307	2.77293	2.77293	0.327214	1.92595	1.92595	0.0858374	3.42193	3.42193	0.0443846	4.46518	4.46518	0.00258699	14.9682	14.9682	0.0189168	6.30954	6.30954	0.105276	3.14844	3.14844	3.57559	23.7807	5.91186	1
cg19203457	MARCKS	0.00289423	0.0238337	1.74492	1.74492	0.139875	0.720435	-1.38805	0.00230081	2.40952	2.40952	0.000329143	3.31118	3.31118	0.146783	1.37915	1.37915	0.753922	1.06707	1.06707	0.410741	0.840598	-1.18963	0.778049	1.06007	1.06007	0.00330301	2.28444	2.28444	8.64976	5.83763	0.599901	1
cg07484590	MARCKS	0.00324284	0.263639	1.2341	1.2341	0.0046603	0.507017	-1.97232	0.0565549	0.677303	-1.47645	0.00395725	2.01291	2.01291	0.314191	1.20669	1.20669	0.204781	0.785432	-1.27319	0.0204306	1.65586	1.65586	0.0017768	2.23262	2.23262	0.481762	1.13777	1.13777	8.36225	4.31529	0.458706	1
cg02004337	MARCKS	0.00490717	0.0314892	1.96233	1.96233	0.61903	1.14334	1.14334	0.0022901	3.12491	3.12491	0.00285707	2.99498	2.99498	0.176134	1.46867	1.46867	0.18202	0.684851	-1.46017	0.0203544	2.11124	2.11124	0.265677	1.36339	1.36339	0.000966407	3.71705	3.71705	7.38068	8.34831	1.00543	1
cg20208801	MARCKS	0.00543386	?	?	?	0.00128187	13.2314	13.2314	0.00422342	7.18356	7.18356	0.745429	1.14595	1.14595	0.689688	0.845323	-1.18298	?	?	?	?	?	?	0.0283915	0.297828	-3.35764	0.572282	0.786839	-1.27091	13.9942	23.6087	1.40587	1
cg24011531	MARCKS	0.00746079	0.0120028	0.413121	-2.4206	0.0880071	1.70088	1.70088	0.61704	1.15284	1.15284	0.640406	1.14194	1.14194	0.0298442	0.48622	-2.05668	0.0609704	0.551134	-1.81444	0.000698205	0.232512	-4.30085	0.300899	1.3531	1.3531	0.49075	1.21832	1.21832	6.48465	8.17387	1.12044	1
cg18338863	MARCKS	0.0122792	0.911508	1.01572	1.01572	0.119574	1.26741	1.26741	0.0344186	1.41362	1.41362	0.654644	1.06521	1.06521	0.0820511	0.763132	-1.31039	0.0511686	0.732286	-1.36559	0.00605775	0.604756	-1.65356	0.0993974	1.28842	1.28842	0.0175981	1.4997	1.4997	5.53202	1.7248	0.277143	1
cg27397465	MARCKS	0.0219384	0.00144225	0.449386	-2.22526	0.361422	0.849642	-1.17697	0.0118815	0.579624	-1.72526	0.3267	1.19227	1.19227	0.920792	0.982874	-1.01742	0.347735	1.18284	1.18284	0.104254	0.734577	-1.36133	0.73129	1.0617	1.0617	0.451023	1.14268	1.14268	4.55832	2.1777	0.424659	1
cg10474881	MARCKS	0.0240896	0.0212907	2.40368	2.40368	0.814677	0.928303	-1.07723	0.198891	1.53748	1.53748	0.00275084	3.70292	3.70292	0.317567	1.38728	1.38728	0.877609	0.952343	-1.05004	0.248388	1.46568	1.46568	0.397212	1.3161	1.3161	0.00322852	3.57197	3.57197	4.4137	7.01782	1.41334	1
cg08681110	MARCKS	0.0293998	0.988381	1.00312	1.00312	0.625179	1.11098	1.11098	0.813801	1.05173	1.05173	0.378102	0.824224	-1.21326	0.0080185	0.483734	-2.06725	0.584205	0.888576	-1.1254	0.192183	0.744464	-1.34325	0.0994795	1.47105	1.47105	0.00564482	2.17368	2.17368	4.11623	2.97892	0.64329	1
cg00082497	MARCKSL1	0.00508149	0.152118	0.593482	-1.68497	0.0787849	1.94232	1.94232	0.110915	1.80519	1.80519	0.00685914	3.28942	3.28942	0.0837187	0.521547	-1.91737	0.00634957	3.34778	3.34778	0.00710755	0.30647	-3.26297	0.486835	1.2716	1.2716	0.017826	2.66325	2.66325	7.30245	13.377	1.62831	1
cg06221946	MARCKSL1	0.00552464	0.130093	2.05848	2.05848	0.000371899	12.3607	12.3607	0.0545142	2.62007	2.62007	0.0178985	3.56314	3.56314	0.0766172	2.38606	2.38606	0.00475123	5.23629	5.23629	0.441494	1.41419	1.41419	0.00311763	5.96007	5.96007	0.0193706	3.4852	3.4852	7.11778	21.9789	2.74478	1
cg04348222	MARCKSL1	0.00691978	0.570154	1.22077	1.22077	0.000529838	6.52654	6.52654	0.0611574	2.08222	2.08222	0.125089	1.78087	1.78087	0.0964889	1.8858	1.8858	0.00285164	4.16743	4.16743	0.569202	1.22138	1.22138	0.00369225	3.91177	3.91177	0.028046	2.46455	2.46455	6.63893	12.7052	1.7011	1
cg06434451	MARCKSL1	0.0289095	0.595161	1.23432	1.23432	0.00104873	6.70935	6.70935	0.164469	1.79002	1.79002	0.29592	1.53027	1.53027	0.375199	1.42941	1.42941	0.0328145	2.66475	2.66475	0.557174	1.26245	1.26245	0.0257809	2.82719	2.82719	0.0343429	2.63525	2.63525	4.1408	10.1052	2.16923	1
cg02398682	MARCKSL1	0.0376081	0.793296	0.93447	-1.07012	0.00376666	2.74317	2.74317	0.0984548	1.59632	1.59632	0.0735537	1.67344	1.67344	0.314267	1.30812	1.30812	0.118298	1.54909	1.54909	0.305963	1.31464	1.31464	0.20471	1.41253	1.41253	0.00481883	2.62533	2.62533	3.76738	3.97437	0.937727	1
cg17147878	MARCKSL1;MARCKSL1	0.0204861	0.429547	0.920211	-1.08671	0.313145	1.11358	1.11358	0.161008	0.856947	-1.16693	0.0888012	0.824022	-1.21356	0.269923	0.888288	-1.12576	0.0826033	0.820177	-1.21925	0.00188098	0.634781	-1.57535	0.0276612	1.30795	1.30795	0.765436	1.03133	1.03133	4.66628	0.785804	0.149689	1
cg02431964	MARCO	5.42E-05	0.00509849	0.696985	-1.43475	0.891754	1.01337	1.01337	8.94E-06	0.391113	-2.5568	0.000130452	0.523135	-1.91155	0.000504599	0.588444	-1.6994	0.626086	1.04906	1.04906	0.667633	1.04303	1.04303	1.30E-05	0.4097	-2.44081	0.128406	0.851901	-1.17385	26.0591	3.92587	0.133913	1
cg07164606	MARCO	0.00359738	0.876784	0.962214	-1.03927	0.250707	0.742338	-1.34709	0.0113705	0.455392	-2.19591	0.000418419	0.249384	-4.00989	0.000619066	0.270384	-3.69845	0.122638	0.660157	-1.51479	0.720345	0.914625	-1.09334	0.00792843	0.429457	-2.32852	0.0228865	0.508738	-1.96565	8.1069	7.91266	0.867591	1
cg09601514	MARCO	0.0209428	0.0155605	0.171332	-5.83663	0.0127661	0.158872	-6.29437	0.077501	0.311337	-3.21196	0.0219886	0.195187	-5.12329	0.0145096	0.166836	-5.99391	0.0694574	0.298932	-3.34524	0.00604186	0.118538	-8.43614	0.0399703	0.24372	-4.10306	0.0274585	0.212061	-4.71563	4.63134	25.9361	4.9779	1
cg11009736	MARCO	0.0249005	0.0459928	0.260104	-3.84462	0.0334665	0.231524	-4.31921	0.0250499	0.208113	-4.80507	0.0204233	0.192947	-5.18276	0.0142309	0.168528	-5.93374	0.20926	0.458712	-2.18002	0.0483346	0.26487	-3.77544	0.00354656	0.0975706	-10.249	0.0638916	0.293339	-3.40903	4.36328	23.9622	4.88158	1
cg17488628	MARK1	0.00695714	0.0146951	0.450711	-2.21872	0.958801	1.0138	1.0138	0.856632	0.953147	-1.04916	0.90007	1.0339	1.0339	0.00490481	0.371894	-2.68894	0.409185	1.25104	1.25104	0.00116212	0.282049	-3.54549	0.086093	1.65407	1.65407	0.0202832	0.475892	-2.10132	6.6278	7.39078	0.991216	1
cg19720265	MARK1	0.0233504	0.257651	1.13253	1.13253	0.527878	0.934837	-1.0697	0.106068	1.20438	1.20438	0.428667	0.918394	-1.08886	0.048227	1.26851	1.26851	0.0353675	1.29453	1.29453	0.0270595	0.759003	-1.31752	0.028416	0.761454	-1.31328	0.0659037	1.24284	1.24284	4.46153	0.784347	0.156269	1
cg07420190	MARK1	0.0282001	0.856967	0.893484	-1.11921	0.819518	1.15335	1.15335	0.518488	0.664558	-1.50476	0.809068	0.859745	-1.16314	0.000315572	0.0261562	-38.2319	0.448955	0.617743	-1.6188	0.864715	0.899017	-1.11233	0.860108	0.895724	-1.11641	0.468158	0.630773	-1.58536	4.17728	25.7825	5.48629	1
cg10966083	MARK1;MARK1	0.0163847	0.328302	0.908914	-1.10021	0.0382629	1.25519	1.25519	0.308695	1.10487	1.10487	0.718038	1.03492	1.03492	0.70018	1.0373	1.0373	0.951334	1.00579	1.00579	0.000575035	0.603865	-1.656	0.428456	0.926338	-1.07952	0.286133	1.11054	1.11054	5.03103	0.713878	0.126129	1
cg03199575	MARK1;MARK1	0.0338126	0.452188	1.11437	1.11437	0.00467196	1.70194	1.70194	0.018496	1.49769	1.49769	0.882285	0.979269	-1.02117	0.0956941	1.29531	1.29531	0.721075	0.950576	-1.05199	0.0997124	0.77485	-1.29057	0.526314	1.09503	1.09503	0.0487563	1.37468	1.37468	3.91563	1.23971	0.281427	1
cg21082879	MARK2;MARK2;MARK2;MARK2	1.59E-06	2.14E-06	0.148947	-6.71381	5.24E-05	0.290107	-3.44701	0.00178218	0.482858	-2.071	0.0940153	0.739771	-1.35177	3.41E-08	0.0389119	-25.6991	0.327287	0.847432	-1.18004	0.925573	0.984821	-1.01541	0.00620523	0.557585	-1.79345	0.133188	1.30368	1.30368	65.0963	27.6288	0.37727	1
cg15801751	MARK2;MARK2;MARK2;MARK2	0.00143027	0.165671	1.51227	1.51227	6.68E-05	7.72301	7.72301	0.00180691	3.46015	3.46015	0.0336984	2.00147	2.00147	0.307466	0.744124	-1.34386	0.0810534	1.71796	1.71796	0.0663586	1.77902	1.77902	0.00123824	3.74645	3.74645	0.3359	1.31996	1.31996	10.624	13.1689	1.10181	1
cg14275845	MARK2;MARK2;MARK2;MARK2	0.00900269	0.071991	1.38693	1.38693	0.783143	1.04596	1.04596	0.0047576	0.543076	-1.84136	0.00110627	0.457024	-2.18807	0.456194	0.883739	-1.13156	0.688737	1.06778	1.06778	0.768698	1.0492	1.0492	0.57796	0.91253	-1.09585	0.0454387	1.45307	1.45307	6.11179	2.56746	0.373408	1
cg01102854	MARK2;MARK2;MARK2;MARK2	0.0125346	0.0227104	0.574007	-1.74214	0.933154	0.98307	-1.01722	0.996834	1.00081	1.00081	0.761296	0.939867	-1.06398	0.000980658	0.368737	-2.71196	0.0131674	0.534907	-1.86948	0.00666023	0.488387	-2.04756	0.0471465	0.629793	-1.58782	0.377758	0.831759	-1.20227	5.4951	3.60573	0.583265	1
cg18062684	MARK2;MARK2;MARK2;MARK2	0.0155514	0.285939	1.69002	1.69002	0.264837	0.576799	-1.73371	0.485429	1.39884	1.39884	0.589516	1.29423	1.29423	0.809861	1.1209	1.1209	0.338738	0.626927	-1.59508	0.000273673	0.0594302	-16.8265	0.363748	0.642778	-1.55575	0.692174	1.20734	1.20734	5.11912	18.1775	3.15636	1
cg12502403	MARK2;MARK2;MARK2;MARK2	0.0168842	0.80981	1.02997	1.02997	0.666294	0.948255	-1.05457	0.313153	1.13628	1.13628	0.00176263	1.72569	1.72569	0.22466	1.16905	1.16905	0.557208	1.07541	1.07541	0.0221738	0.714747	-1.3991	0.0230423	0.716866	-1.39496	0.940646	1.00916	1.00916	4.98086	1.18306	0.21113	1
cg01957629	MARK2;MARK2;MARK2;MARK2	0.0186902	0.170772	1.2685	1.2685	0.00136287	0.468635	-2.13386	0.314531	1.18482	1.18482	0.0851044	1.364	1.364	0.536432	1.10747	1.10747	0.257756	1.21236	1.21236	0.341553	0.852313	-1.17328	0.0611436	1.41067	1.41067	0.303361	0.840437	-1.18986	4.81371	2.02701	0.374304	1
cg07639550	MARK2;MARK2;MARK2;MARK2	0.0369698	0.296783	0.841843	-1.18787	0.294693	0.841169	-1.18882	0.466975	1.12502	1.12502	0.203319	0.807583	-1.23826	0.000983548	0.458542	-2.18082	0.999697	1.00006	1.00006	0.742763	1.05381	1.05381	0.306032	1.18373	1.18373	0.448468	1.13081	1.13081	3.79099	1.52076	0.356579	1
cg19328711	MARK2;MARK2;MARK2;MARK2;MARK2	0.0146222	0.0466854	0.565686	-1.76777	0.230248	1.37004	1.37004	0.772859	0.930168	-1.07508	0.46666	0.830869	-1.20356	0.00308385	0.363074	-2.75426	0.516289	0.848217	-1.17894	0.941531	0.981819	-1.01852	0.0116551	2.20023	2.20023	0.0198513	0.494903	-2.0206	5.22453	5.17708	0.880815	1
cg04568398	MARK2;MARK2;MARK2;MARK2;MARK2	0.0264242	0.260754	1.21813	1.21813	0.483683	1.12721	1.12721	0.0317089	0.654663	-1.5275	0.214058	0.802461	-1.24617	0.0521619	0.689646	-1.45002	0.358587	0.853157	-1.17212	0.0619332	0.702135	-1.42423	0.00593793	1.83176	1.83176	0.792509	1.04535	1.04535	4.27382	1.9156	0.398415	1
cg09034795	MARK2;MARK2;MARK2;MARK2;MARK2	0.0483391	0.0607683	0.199788	-5.00529	0.0186545	8.77924	8.77924	0.521309	1.64091	1.64091	0.174096	0.332348	-3.0089	0.0906359	0.241642	-4.13836	0.251704	0.401599	-2.49004	0.0341403	0.152064	-6.5762	0.296799	2.27987	2.27987	0.726386	0.765167	-1.3069	3.43182	31.5479	8.17132	1
cg12613618	MARK2;MARK2;MARK2;MARK2;MARK2;MARK2	0.0022513	0.144072	1.56836	1.56836	0.00481411	2.92308	2.92308	0.00568597	2.82966	2.82966	0.0467637	1.921	1.921	0.0450989	0.517214	-1.93344	0.164702	1.5297	1.5297	0.00082792	4.23662	4.23662	0.000772791	4.30378	4.30378	0.77239	0.920196	-1.08672	9.31423	12.1306	1.15767	1
cg06204948	MARK2;MARK2;MARK2;MARK2;MARK2;MARK2	0.0198601	0.260174	1.48025	1.48025	0.034476	2.27854	2.27854	0.0556675	2.06291	2.06291	0.812536	1.08257	1.08257	0.0301756	0.426872	-2.34262	0.0426629	2.17993	2.17993	0.0824687	1.90091	1.90091	0.012761	2.8101	2.8101	0.109216	0.558076	-1.79187	4.71579	8.32903	1.56996	1
cg18263030	MARK3;MARK3;MARK3;MARK3;MARK3	5.58E-05	0.000704041	0.447906	-2.23261	0.24012	1.21081	1.21081	0.483921	0.895263	-1.11699	0.604921	0.922041	-1.08455	1.15E-06	0.14054	-7.11541	0.954027	1.00901	1.00901	0.461734	1.12359	1.12359	0.011668	1.63262	1.63262	0.0419804	1.43978	1.43978	25.8657	9.90858	0.340514	1
cg13512374	MARK3;MARK3;MARK3;MARK3;MARK3	0.000572313	0.160342	0.748338	-1.33629	6.57E-05	0.242786	-4.11886	0.00131679	0.405153	-2.46821	0.00210898	0.43358	-2.30638	0.188032	0.763661	-1.30948	0.00665242	0.506273	-1.97522	0.325894	0.821962	-1.2166	9.61E-05	0.261477	-3.82443	0.0496389	0.64864	-1.54169	13.7639	8.14404	0.525951	1
cg04258520	MARK3;MARK3;MARK3;MARK3;MARK3	0.00193454	0.00235499	0.338769	-2.95186	0.0669928	1.68836	1.68836	0.0119261	2.22642	2.22642	0.260136	0.741095	-1.34936	0.982673	0.994476	-1.00555	0.778717	1.0745	1.0745	0.0143468	0.462992	-2.15986	0.00623416	2.48293	2.48293	0.00184444	0.323685	-3.08942	9.73577	10.0335	0.916069	1
cg09359151	MARK3;MARK3;MARK3;MARK3;MARK3	0.00627616	0.0231293	0.32401	-3.08633	0.886712	0.94256	-1.06094	0.0775168	0.442955	-2.25757	0.576986	0.791483	-1.26345	0.00288994	0.182685	-5.4739	0.438023	0.72016	-1.38858	0.000220628	0.0777657	-12.8591	0.510203	0.757904	-1.31943	0.0354755	0.362038	-2.76214	6.8433	18.6648	2.4244	1
cg01290580	MARK3;MARK3;MARK3;MARK3;MARK3	0.00737455	0.431176	1.10829	1.10829	0.0658686	1.30226	1.30226	0.00713109	1.56005	1.56005	0.763432	1.03938	1.03938	0.921823	0.987517	-1.01264	0.154843	0.822962	-1.21512	0.00073054	0.518368	-1.92913	0.985923	0.997745	-1.00226	0.0726429	0.773916	-1.29213	6.50829	1.68801	0.230544	1
cg16295401	MARK3;MARK3;MARK3;MARK3;MARK3	0.0215524	0.0103675	0.470287	-2.12636	0.869934	1.03903	1.03903	0.807435	0.944538	-1.05872	0.232665	0.746437	-1.3397	0.337642	0.79376	-1.25983	0.42114	1.2117	1.2117	0.000803153	0.306643	-3.26112	0.746798	1.07863	1.07863	0.744437	1.07943	1.07943	4.58613	3.96573	0.768642	1
cg21510284	MARK3;MARK3;MARK3;MARK3;MARK3	0.0250753	0.0082782	0.166373	-6.01058	0.271927	0.544705	-1.83586	0.690339	1.23705	1.23705	0.921799	0.949176	-1.05355	0.102992	0.387691	-2.57937	0.385903	0.623633	-1.60351	0.00274446	0.11128	-8.98635	0.719085	1.21151	1.21151	0.0127714	0.193338	-5.17228	4.35268	19.4535	3.97272	1
cg09241561	MARK3;MARK3;MARK3;MARK3;MARK3	0.0393937	0.922416	1.02887	1.02887	0.00393948	0.321954	-3.10603	0.00293844	0.303153	-3.29866	0.917677	0.970242	-1.03067	0.560855	0.842126	-1.18747	0.698405	0.892463	-1.12049	0.647199	1.14412	1.14412	0.376042	0.766866	-1.30401	0.399259	0.777126	-1.28679	3.70389	5.00831	1.20193	1
cg12145018	MARK3;MARK3;MARK3;MARK3;MARK3	0.049389	0.778939	1.15886	1.15886	0.0481348	3.26526	3.26526	0.00437656	7.34472	7.34472	0.0774345	2.7965	2.7965	0.905581	1.06414	1.06414	0.227483	1.94207	1.94207	0.658365	1.26256	1.26256	0.00912417	5.67053	5.67053	0.218404	1.97042	1.97042	3.40399	14.7978	3.86416	1
cg10305780	MARK3;MARK3;MARK3;MARK3;MARK3;MARK3;MARK3;MARK3;MARK3;MARK3	0.0240414	0.913543	0.973708	-1.027	0.588771	0.874676	-1.14328	0.347347	1.26793	1.26793	0.8929	1.0336	1.0336	0.0848882	0.626608	-1.59589	0.00937623	0.44567	-2.24381	0.0208598	1.97821	1.97821	0.105761	1.54261	1.54261	0.0223877	0.511061	-1.95671	4.41676	4.21001	0.847279	1
cg15642326	MARK4	0.000197463	0.00874623	1.26555	1.26555	0.0567817	0.858964	-1.16419	0.0118298	1.24809	1.24809	0.00407366	1.3124	1.3124	0.0846402	1.14394	1.14394	0.884437	0.989797	-1.01031	0.920928	0.993023	-1.00703	0.405101	1.0619	1.0619	3.22E-06	2.17576	2.17576	18.4349	1.45162	0.0699941	1
cg04747678	MARK4	0.0042408	0.00299594	0.603917	-1.65586	0.0132109	1.46306	1.46306	0.610533	0.93835	-1.0657	0.0460821	0.753397	-1.32732	0.00539055	0.635188	-1.57434	0.0363579	1.35176	1.35176	0.0317412	1.366	1.366	0.599096	1.06792	1.06792	0.274902	1.15111	1.15111	7.71512	1.87525	0.216055	1
cg19309009	MARK4	0.0046506	0.0576737	0.454285	-2.20126	0.0423952	0.423463	-2.36148	0.24655	1.5612	1.5612	0.378991	1.39346	1.39346	0.000315257	0.116956	-8.5502	0.02566	0.377434	-2.64947	0.0875715	2.00021	2.00021	0.15435	0.570934	-1.75152	0.160543	1.73509	1.73509	7.50234	16.0569	1.90245	1
cg11288954	MARK4	0.00500084	0.0448911	0.721178	-1.38662	0.470631	0.901033	-1.10984	0.430419	0.892009	-1.12106	0.132083	0.793909	-1.25959	0.181648	0.817642	-1.22303	0.530181	1.0945	1.0945	0.0208771	1.48406	1.48406	0.682905	1.06005	1.06005	0.000162692	0.40105	-2.49345	7.33822	2.3433	0.283847	1
cg22752049	MARK4	0.00612558	0.931955	1.03601	1.03601	0.0709806	2.30608	2.30608	0.0718921	0.435068	-2.29849	0.496174	0.751107	-1.33137	0.000274704	0.0847457	-11.8	0.0051809	0.216838	-4.61175	0.269296	0.620937	-1.61047	0.979642	0.989486	-1.01063	0.684554	1.18434	1.18434	6.8949	18.7357	2.4154	1
cg05323709	MARK4	0.0245292	0.00626357	0.384763	-2.599	0.9548	1.01531	1.01531	0.367463	0.780172	-1.28177	0.123653	0.63945	-1.56384	0.0980357	0.614687	-1.62684	0.0457411	0.541107	-1.84807	0.0380188	0.524692	-1.90588	0.00261751	0.327124	-3.05695	0.664881	1.12397	1.12397	4.38611	4.99468	1.01222	1
cg14320729	MARK4	0.0277094	0.380762	0.820731	-1.21843	0.0225149	0.548543	-1.82301	0.93325	0.981761	-1.01858	0.00131159	0.357782	-2.795	0.961771	0.989522	-1.01059	0.815952	0.950056	-1.05257	0.080737	1.5305	1.5305	0.61795	1.11683	1.11683	0.88892	0.969757	-1.03119	4.20319	3.21451	0.679802	1
cg17822282	MARS	5.23E-06	0.0627123	1.25417	1.25417	0.231445	0.873081	-1.14537	5.71E-06	0.331216	-3.01917	0.382445	1.1017	1.1017	0.462599	0.922324	-1.08422	1.18E-06	0.256733	-3.8951	0.000585041	1.77664	1.77664	0.0234313	0.746182	-1.34016	4.97E-06	0.32446	-3.08204	47.9775	8.88532	0.16462	1
cg16403932	MARS	0.000694689	0.575819	0.754552	-1.32529	0.0152015	0.226379	-4.41737	0.00178381	0.109109	-9.16517	0.762124	1.16329	1.16329	0.000126927	0.0360493	-27.7398	0.112284	0.422557	-2.36654	5.47E-05	0.0236692	-42.249	0.232755	0.536105	-1.8653	0.660301	0.802238	-1.24651	13.0387	51.26	3.49455	1
cg12968701	MARS	0.00261201	0.131021	0.512625	-1.95074	0.00104959	0.137102	-7.29386	0.0119957	0.276833	-3.61228	0.0187549	0.311246	-3.2129	0.000367831	0.0965525	-10.3571	0.00294428	0.187608	-5.33027	0.00483315	0.216141	-4.62661	0.106491	0.485614	-2.05925	0.00875818	0.254509	-3.92913	8.91616	23.7167	2.36441	1
cg03140418	MARS2	3.14E-06	0.000841	0.626238	-1.59684	0.0188497	0.767123	-1.30357	0.00031012	1.72519	1.72519	1.49E-05	0.432866	-2.31018	0.0045981	1.42121	1.42121	2.45E-06	0.344684	-2.9012	2.41E-06	0.343835	-2.90837	0.232021	1.1239	1.1239	3.05E-05	0.468002	-2.13674	54.7056	7.52418	0.122257	1
cg10781828	MARS2	0.00225913	0.000391313	0.660183	-1.51473	0.460895	0.946334	-1.05671	0.902364	1.00906	1.00906	0.0142296	0.800758	-1.24882	0.000456897	0.666577	-1.5002	0.00172064	0.719864	-1.38915	0.0168872	0.807219	-1.23882	0.41219	0.940251	-1.06355	0.630245	0.964988	-1.03628	9.30476	0.795635	0.0760074	1
cg19954374	MARS2	0.010456	0.0270635	0.705716	-1.417	0.237501	1.17916	1.17916	0.0693717	1.31067	1.31067	0.354598	0.880886	-1.13522	0.0114606	1.52393	1.52393	0.0223385	1.43991	1.43991	0.00647192	0.624101	-1.6023	0.321022	1.1463	1.1463	0.41644	1.11695	1.11695	5.82678	1.63668	0.24968	1
cg12004115	MARS2	0.0141429	?	?	?	0.00992537	0.359498	-2.78166	0.00726741	0.3339	-2.99491	0.121218	0.608318	-1.64388	0.781479	0.923185	-1.08321	0.0369526	0.479059	-2.08743	0.236709	1.43633	1.43633	0.226563	0.68996	-1.44936	0.00210889	0.241823	-4.13525	7.06558	7.81195	0.829225	1
cg14289923	MARS2	0.0167528	0.0394927	0.743461	-1.34506	0.940379	1.00935	1.00935	0.0747476	1.28027	1.28027	0.0169349	0.695889	-1.43701	0.720644	0.956289	-1.04571	0.923376	1.01205	1.01205	0.00117243	0.552737	-1.80918	0.948948	0.992062	-1.008	0.545828	1.07906	1.07906	4.99387	1.22539	0.218114	1
cg07588439	MARS2	0.0251796	0.043004	0.285197	-3.50635	0.0132696	0.191408	-5.22445	0.221105	0.500085	-1.99966	0.449131	0.659986	-1.51518	0.0428798	0.284921	-3.50974	0.0526371	0.305149	-3.27709	0.00291514	0.110395	-9.0584	0.00884381	0.166045	-6.02248	0.214066	0.494219	-2.02339	4.34639	19.9804	4.08623	1
cg01201151	MARS2;MARS2	0.00536778	0.0023898	0.231106	-4.32701	0.0120545	0.338408	-2.95501	0.0162001	0.36137	-2.76725	0.562612	1.22456	1.22456	0.00595974	0.288133	-3.47062	0.107081	0.544008	-1.83821	0.00161523	0.209205	-4.78	0.00976182	0.322721	-3.09865	0.0268304	0.403478	-2.47845	7.18096	13.6218	1.68616	1
cg22756156	MARVELD1;LOC100270710;MARVELD1	0.0328549	0.336098	0.915233	-1.09262	0.689925	1.03646	1.03646	0.533045	0.945176	-1.058	0.869508	1.01479	1.01479	0.0403977	1.23544	1.23544	0.0200012	1.28493	1.28493	0.00383485	1.41632	1.41632	0.164709	0.876013	-1.14154	0.967136	0.996327	-1.00369	3.95631	0.499723	0.112276	1
cg24576735	MARVELD1;MARVELD1	0.000531329	0.46678	0.887087	-1.12728	0.485302	1.12156	1.12156	0.587145	1.09275	1.09275	0.891824	1.02226	1.02226	0.0343141	1.49103	1.49103	4.84E-06	5.4197	5.4197	0.596671	0.917221	-1.09025	0.537451	1.10631	1.10631	0.131982	1.30088	1.30088	14.0514	5.82541	0.368514	1
cg26181880	MARVELD1;MARVELD1	0.00272921	0.615411	1.08565	1.08565	0.517449	1.11234	1.11234	0.0713528	1.38643	1.38643	0.233759	1.22449	1.22449	0.684112	1.06861	1.06861	3.86E-05	3.59549	3.59549	0.0864002	0.735412	-1.35978	0.714655	0.942167	-1.06138	0.680583	0.935049	-1.06946	8.80137	3.66897	0.370545	1
cg16381596	MARVELD1;MARVELD1	0.0053467	0.284518	0.622504	-1.60642	0.69008	1.18636	1.18636	0.0636414	2.4328	2.4328	0.0763	2.3183	2.3183	0.430156	1.40966	1.40966	7.43E-05	21.5133	21.5133	0.883533	0.939415	-1.06449	0.545004	1.29847	1.29847	0.989882	1.00542	1.00542	7.18963	20.6998	2.55921	1
cg27165884	MARVELD1;MARVELD1	0.00937972	0.00369494	0.271263	-3.68646	0.00213889	0.23828	-4.19674	0.00270941	0.252198	-3.96514	0.187165	0.628197	-1.59186	0.0132837	0.360497	-2.77395	0.438507	0.768918	-1.30053	0.279866	0.688277	-1.4529	0.0145686	0.367672	-2.71982	0.0920219	0.539691	-1.85291	6.03262	10.5652	1.55675	1
cg25355803	MARVELD1;MARVELD1	0.0447579	0.0133474	0.429964	-2.32578	0.141816	0.647282	-1.54492	0.060193	0.557803	-1.79275	0.315223	0.75128	-1.33106	0.0711024	0.57396	-1.74228	0.184591	0.678737	-1.47332	0.717972	1.10504	1.10504	0.00756789	0.388253	-2.57564	0.0216621	0.468036	-2.13659	3.53265	4.2428	1.06758	1
cg13345220	MARVELD2;MARVELD2	0.000826551	0.677091	1.0349	1.0349	0.000149209	0.586391	-1.70535	0.0715577	0.848033	-1.1792	0.224051	0.900654	-1.1103	0.393784	1.07418	1.07418	0.000332188	1.6072	1.6072	0.00764123	1.32435	1.32435	0.820237	0.981527	-1.01882	0.809864	0.980447	-1.01994	12.4174	1.3198	0.0944769	1
cg02505827	MARVELD2;MARVELD2	0.0143885	0.0647338	4.07945	4.07945	0.0570246	4.30336	4.30336	0.343841	1.93643	1.93643	0.186783	2.58156	2.58156	0.0270716	5.89184	5.89184	0.0941143	3.48119	3.48119	0.000690947	33.4538	33.4538	0.00808468	9.96132	9.96132	0.0241894	6.18046	6.18046	5.25236	38.2066	6.46593	1
cg05901765	MARVELD2;MARVELD2	0.0231487	0.0171352	15.6224	15.6224	0.0255778	12.2992	12.2992	0.0750944	6.52198	6.52198	0.0736663	6.59636	6.59636	0.616956	1.61137	1.61137	0.232645	3.26785	3.26785	0.0113828	20.0271	20.0271	0.00401937	38.7235	38.7235	0.0139507	17.6891	17.6891	4.47491	63.4362	12.6009	1
cg18663063	MARVELD2;MARVELD2	0.0387361	0.0431065	10.8394	10.8394	0.0941227	6.58513	6.58513	0.217617	3.77444	3.77444	0.125286	5.4691	5.4691	0.0325513	12.9629	12.9629	0.0990802	6.3706	6.3706	0.00527977	43.2085	43.2085	0.0129103	23.5894	23.5894	0.0309486	13.3877	13.3877	3.72686	61.9006	14.7639	1
cg06418871	MARVELD2;MARVELD2	0.0413358	0.0163283	21.8758	21.8758	0.0514493	10.2789	10.2789	0.174325	4.56549	4.56549	0.140373	5.29531	5.29531	0.45451	2.22683	2.22683	0.225011	3.81591	3.81591	0.0130238	25.4716	25.4716	0.00806001	35.3927	35.3927	0.024404	16.7505	16.7505	3.63874	63.6408	15.5465	1
cg06998965	MARVELD2;MARVELD2	0.0442213	0.0119652	10.6668	10.6668	0.26406	2.40814	2.40814	0.120472	3.56603	3.56603	0.350233	2.06654	2.06654	0.182914	2.90643	2.90643	0.169951	3.01473	3.01473	0.064616	4.79231	4.79231	0.00472043	17.0131	17.0131	0.0157342	9.34039	9.34039	3.54862	32.0305	8.02329	1
cg00090813	MARVELD3	0.00338677	0.291593	0.660791	-1.51334	0.371178	1.41574	1.41574	0.346482	0.692774	-1.44347	0.604141	0.82035	-1.21899	8.37E-05	0.0685947	-14.5784	0.793212	0.90532	-1.10458	0.0058672	0.255309	-3.91682	0.225873	1.6185	1.6185	0.0493094	0.427636	-2.33844	8.25458	18.74	2.01801	1
cg06848775	MARVELD3	0.00597184	0.94201	1.01232	1.01232	0.137496	1.30907	1.30907	0.079163	1.38844	1.38844	0.968244	0.993319	-1.00673	0.387651	1.16078	1.16078	0.000476026	0.397068	-2.51846	0.00409107	1.91302	1.91302	0.404154	0.866122	-1.15457	0.657927	0.927715	-1.07792	6.94924	3.12028	0.39912	1
cg06199907	MARVELD3	0.0229067	0.626547	1.05468	1.05468	0.0235458	0.745567	-1.34126	0.390086	0.908817	-1.10033	0.313507	1.11982	1.11982	0.384119	0.907663	-1.10173	0.409545	1.09589	1.09589	0.00151996	1.64164	1.64164	0.341622	0.899083	-1.11224	0.249879	0.877615	-1.13945	4.49115	0.838338	0.165924	1
cg04477917	MARVELD3;MARVELD3	0.00140691	0.0335013	1.32608	1.32608	2.39E-05	2.60514	2.60514	0.382427	1.10713	1.10713	0.245144	0.870987	-1.14812	0.939818	0.991458	-1.00862	0.330134	1.12096	1.12096	0.679398	1.04835	1.04835	0.176882	0.849511	-1.17715	0.0168042	1.39308	1.39308	10.6744	2.18248	0.181741	1
cg03354340	MARVELD3;MARVELD3	0.00325038	0.00168082	3.35159	3.35159	0.541508	0.846664	-1.18111	0.838643	0.946569	-1.05645	0.279246	1.35387	1.35387	0.000297401	4.88367	4.88367	0.464849	0.818458	-1.22181	0.0677398	1.73517	1.73517	0.158906	1.50008	1.50008	0.00261552	3.07238	3.07238	8.35646	9.59935	1.0211	1
cg19311153	MARVELD3;MARVELD3	0.00507256	0.0453162	1.7521	1.7521	0.702033	0.910386	-1.09843	0.182461	0.707807	-1.41282	0.0272294	0.528192	-1.89325	0.3792	1.2465	1.2465	0.173267	1.42464	1.42464	0.00428929	2.54206	2.54206	0.00262475	0.361557	-2.76581	0.0265925	0.526285	-1.90011	7.30637	6.90304	0.839819	1
cg03911494	MARVELD3;MARVELD3	0.0149396	0.134594	0.579612	-1.72529	0.00352484	6.02025	6.02025	0.00446882	5.37886	5.37886	0.211562	0.6486	-1.54178	0.471387	0.793321	-1.26052	0.534479	0.820509	-1.21876	0.372091	0.746284	-1.33997	0.11557	0.557641	-1.79327	0.039261	2.40932	2.40932	11.8129	15.6603	0.589197	1
cg19973135	MARVELD3;MARVELD3;MARVELD3;MARVELD3	0.00208154	0.0570418	1.26616	1.26616	0.00218183	1.60181	1.60181	0.0120053	1.40975	1.40975	0.0816674	0.809386	-1.2355	0.296554	1.12594	1.12594	0.0830752	1.23406	1.23406	0.00207871	1.60802	1.60802	0.0135854	0.715566	-1.39749	0.0026508	1.57732	1.57732	9.53019	1.81302	0.169102	1
cg24462934	MAS1	0.0185516	0.631904	0.881918	-1.13389	0.325193	0.767596	-1.30277	0.00110586	0.285995	-3.49656	0.211637	1.40858	1.40858	0.0829408	0.606628	-1.64846	0.0980899	0.623504	-1.60384	0.325841	0.767886	-1.30228	0.00781193	0.411077	-2.43264	0.0909916	0.615876	-1.6237	4.82582	5.18045	0.95421	1
cg08784110	MAS1	0.031571	0.475108	1.24004	1.24004	0.0229309	0.44661	-2.23909	0.0186417	0.429646	-2.3275	0.321432	0.738271	-1.35452	0.0587646	1.88205	1.88205	0.0824649	1.7679	1.7679	0.669296	1.13573	1.13573	0.117641	0.604477	-1.65432	0.0916539	0.576858	-1.73353	4.0132	5.57735	1.23534	1
cg00237606	MAS1L	0.00036075	0.0251758	0.517429	-1.93263	0.00056278	3.75519	3.75519	0.583682	0.872008	-1.14678	0.962901	0.988555	-1.01158	0.20023	0.715449	-1.39772	0.450749	0.826823	-1.20945	0.320045	1.28953	1.28953	1.99E-05	0.117965	-8.47709	0.00764572	0.428041	-2.33622	15.6387	15.1683	0.862155	1
cg02547724	MAS1L	0.000690391	0.217118	0.777235	-1.28661	0.124978	1.38029	1.38029	0.542923	0.887353	-1.12695	0.322823	1.21919	1.21919	0.000918395	0.38244	-2.61479	0.65542	1.09108	1.09108	0.426728	1.17057	1.17057	1.89E-05	0.184725	-5.41346	0.219628	0.77841	-1.28467	13.0614	7.7909	0.530206	1
cg25191596	MAS1L	0.000697001	0.817933	0.965781	-1.03543	0.00830369	0.600796	-1.66446	0.015141	0.637237	-1.56927	0.746417	0.952188	-1.05021	0.232955	1.20786	1.20786	0.139162	1.27169	1.27169	0.121726	1.28829	1.28829	1.67E-05	0.262867	-3.8042	0.12961	0.780944	-1.2805	13.0266	4.704	0.320985	1
cg25000210	MAS1L	0.00173749	0.0103059	0.488333	-2.04778	0.318364	0.795584	-1.25694	0.00208922	0.382818	-2.61221	0.359302	0.8114	-1.23244	0.000405219	0.287519	-3.47804	0.609787	0.892137	-1.1209	0.42219	1.19937	1.19937	0.000229452	0.257475	-3.88387	0.0419029	0.594571	-1.68189	10.0441	7.82117	0.692159	1
cg07511633	MAS1L	0.00191519	0.1971	0.797769	-1.2535	0.0109877	1.6967	1.6967	0.00502892	0.540737	-1.84933	0.421986	0.872924	-1.14557	0.670285	1.07354	1.07354	0.447454	0.879602	-1.13688	0.124098	1.31774	1.31774	0.000133338	0.333788	-2.99591	0.0290004	0.652804	-1.53185	9.76429	4.24547	0.386485	1
cg17606558	MAS1L	0.0057487	0.999511	1.00014	1.00014	0.0324869	1.78557	1.78557	0.037978	0.573302	-1.74428	0.000875151	0.299346	-3.34062	0.0119335	0.479786	-2.08426	0.365486	0.809844	-1.23481	0.315692	0.790136	-1.2656	0.00211103	0.355957	-2.80933	0.478202	0.849344	-1.17738	8.1237	6.42726	0.615357	1
cg20168024	MAS1L	0.00727903	0.028376	1.68236	1.68236	0.0345134	0.60918	-1.64155	0.0123837	0.534778	-1.86994	0.00239374	0.427115	-2.34129	0.0113545	0.528776	-1.89116	0.515297	1.14183	1.14183	0.219421	1.29645	1.29645	0.586246	0.895397	-1.11682	0.435436	1.17348	1.17348	6.53488	4.183	0.56898	1
cg03085859	MAS1L	0.0077885	0.378678	0.851585	-1.17428	0.617211	0.914267	-1.09377	0.219014	0.79458	-1.25853	0.00734304	0.540809	-1.84908	0.000321965	0.355185	-2.81543	0.00836772	0.549199	-1.82083	0.461444	0.875147	-1.14266	0.0141311	0.583512	-1.71376	0.086244	0.713799	-1.40095	6.39781	3.20602	0.445433	1
cg09083279	MAS1L	0.00913737	0.915702	1.03328	1.03328	0.0564986	1.94946	1.94946	0.706671	1.12399	1.12399	0.397676	1.30701	1.30701	0.535331	0.823589	-1.2142	0.264479	1.43273	1.43273	0.144572	1.62337	1.62337	0.000253459	0.155006	-6.45136	0.69237	1.13082	1.13082	6.08305	9.20891	1.34566	1
cg25798600	MAS1L	0.00993871	0.72419	0.868419	-1.15152	0.791934	0.900072	-1.11102	0.0894335	0.4744	-2.10792	0.00701792	0.249548	-4.00724	0.0175488	0.316351	-3.16104	0.160221	0.550212	-1.81748	0.185827	0.572002	-1.74825	0.000381091	0.104416	-9.57704	0.0277073	0.354754	-2.81885	5.92225	14.8732	2.23237	1
cg12423733	MAS1L	0.0102548	0.00506726	0.0642981	-15.5526	0.140694	0.309257	-3.23356	0.018366	0.120148	-8.32305	0.525512	0.62099	-1.61033	0.0030054	0.0491342	-20.3524	0.0417205	0.175784	-5.6888	0.00435762	0.0595559	-16.7909	0.00777303	0.079561	-12.569	0.0374449	0.167249	-5.9791	5.8632	50.9301	7.72124	1
cg04480313	MAS1L	0.0200596	0.769789	0.929337	-1.07604	0.43292	1.22122	1.22122	0.00565066	0.403785	-2.47657	0.355594	0.78875	-1.26783	0.261622	1.33955	1.33955	0.625569	0.884431	-1.13067	0.0728333	1.64828	1.64828	0.00295272	0.360885	-2.77097	0.331683	0.778718	-1.28416	4.69981	4.64199	0.877953	1
cg26371172	MAS1L	0.0213907	0.997263	1.00112	1.00112	0.0200187	0.399955	-2.50028	0.907339	1.03875	1.03875	0.274033	1.45008	1.45008	0.00194189	0.238983	-4.18439	0.980876	1.00786	1.00786	0.229311	1.50964	1.50964	0.0357289	0.450265	-2.22091	0.0908081	0.544283	-1.83728	4.59797	7.76286	1.50073	1
cg16150863	MAS1L	0.0354663	0.321225	1.21298	1.21298	0.0170076	0.577946	-1.73027	0.0501359	0.656536	-1.52315	0.0130455	0.55976	-1.78648	0.368165	0.84017	-1.19024	0.462281	0.868505	-1.1514	0.323008	1.21207	1.21207	0.0116161	0.551913	-1.81188	0.465494	0.869414	-1.1502	3.84864	2.16362	0.499714	1
cg04555780	MASP1	1.11E-05	0.012971	0.734954	-1.36063	1.48E-05	0.40748	-2.45411	1.84E-06	0.305818	-3.26992	0.0245658	0.765337	-1.30661	1.55E-06	0.297612	-3.36008	0.0470339	0.796915	-1.25484	0.118763	1.18425	1.18425	0.638025	0.953777	-1.04846	0.0208113	0.757401	-1.3203	39.5225	6.24322	0.140414	1
cg25818109	MASP1	0.0106023	0.0126052	0.206318	-4.8469	0.190531	0.493942	-2.02453	0.0051966	0.153092	-6.53202	0.272793	0.559469	-1.78741	0.00310048	0.127578	-7.83837	0.10409	0.404869	-2.46994	0.0117813	0.201783	-4.95581	0.00527159	0.153853	-6.49969	0.0124975	0.205737	-4.86057	5.80085	23.7861	3.64485	1
cg01187883	MASP1;MASP1	2.26E-05	4.03E-05	0.197638	-5.05975	1.64E-05	0.159797	-6.25794	0.500399	0.868096	-1.15195	0.000125937	0.251375	-3.97813	1.13E-05	0.145293	-6.88267	0.000547171	0.329393	-3.03589	8.21E-06	0.133521	-7.48944	0.0502789	0.630335	-1.58646	0.0071061	0.487159	-2.05272	32.8003	22.217	0.602082	1
cg19254514	MASP1;MASP1;MASP1	0.001772	0.868448	1.05709	1.05709	0.273513	1.46474	1.46474	0.131933	0.580053	-1.72398	0.00221593	4.20412	4.20412	0.00826421	0.322638	-3.09945	0.0042757	3.59725	3.59725	0.00130375	4.79791	4.79791	0.0200934	2.55824	2.55824	0.00994632	2.97567	2.97567	9.98708	17.745	1.57937	1
cg20943372	MASP1;MASP1;MASP1	0.00920868	0.189795	0.564246	-1.77228	0.023456	3.05084	3.05084	0.00444792	4.77649	4.77649	0.0196413	3.19479	3.19479	0.204811	0.576198	-1.73551	0.113614	2.03272	2.03272	0.122383	1.99344	1.99344	0.00203186	6.00614	6.00614	0.687691	1.18118	1.18118	6.06804	16.3181	2.39039	1
cg21831174	MASP1;MASP1;MASP1	0.0177429	0.00821807	0.205333	-4.87013	0.209945	0.538665	-1.85644	0.31032	0.611679	-1.63484	0.664402	0.815145	-1.22677	0.00745054	0.199181	-5.02056	0.0983892	0.427965	-2.33664	0.00252774	0.140441	-7.12045	0.0124613	0.233193	-4.2883	0.055323	0.361637	-2.7652	4.89875	17.01	3.08649	1
cg20725021	MASP1;MASP1;MASP1;MASP1;MASP1;MASP1	0.0229666	0.0241895	0.320957	-3.11568	0.0068563	0.227504	-4.39553	0.251113	0.602275	-1.66037	0.920714	0.958775	-1.043	0.0233115	0.31782	-3.14644	0.0443093	0.376502	-2.65603	0.00370839	0.19053	-5.24853	0.047059	0.382501	-2.61437	0.0893442	0.452884	-2.20807	4.48711	12.707	2.51724	1
cg11153172	MASP1	0.00573087	0.239034	0.750005	-1.33332	0.280691	1.29901	1.29901	0.341319	0.795519	-1.25704	0.156012	1.42487	1.42487	0.000294433	0.252618	-3.95854	0.465082	1.1894	1.1894	0.42055	1.21165	1.21165	0.00490377	0.419067	-2.38625	0.555158	1.1494	1.1494	7.03802	6.06709	0.766262	1
cg04508216	MASP2;MASP2	0.0278891	0.27754	0.778973	-1.28374	0.289759	0.784239	-1.27512	0.0309055	0.5709	-1.75162	0.622766	0.896127	-1.11591	0.0210341	0.541229	-1.84765	0.31818	1.25635	1.25635	0.00556278	2.23801	2.23801	0.183781	0.732049	-1.36603	0.575235	0.882297	-1.1334	4.19364	3.24944	0.688756	1
cg12888113	MASP2;MASP2	0.031637	0.915617	0.979661	-1.02076	0.118038	1.38966	1.38966	0.0735799	1.47218	1.47218	0.880453	1.02961	1.02961	0.00300045	0.454266	-2.20135	0.961399	1.00943	1.00943	0.0244038	1.68202	1.68202	0.089515	1.0782	1.0782	0.797307	0.951325	-1.05117	4.01021	2.38745	0.529195	1
cg24304050	MASP2;MASP2	0.0462071	0.194846	0.805388	-1.24442	0.919788	0.984006	-1.01619	0.252863	0.826593	[illegible]	[illegible]	1.30015	1.30015	0.809444	1.03928	1.03928	0.905282	0.980663	-1.01972													1
cg06382294	MAST1	2.95E-05	0.173724	1.38191	1.38191	0.584728	1.13127	1.13127	4.43E-05	5.63914	5.63914	0.510579	0.861437	-1.16085	0.952681	0.986825	-1.01335	0.183378	1.37093	1.37093	7.32E-05	5.01313	5.01313	8.42E-06	8.74561	8.74561	6.92E-06	9.26553	9.26553	30.5994	24.2075	0.703208	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03400464	MAST1	3.47E-05	0.00341788	0.644952	-1.5505	5.01E-06	0.317788	-3.14675	0.122878	0.831689	-1.20237	0.142107	0.840293	-1.19006	0.272934	0.88179	-1.13406
cg08377888	MAST1	3.53E-05	5.33E-05	0.30888	-3.2375	0.00281425	0.526724	-1.89853	0.163615	0.793278	-1.26059	0.00114584	2.10585	2.10585	0.0001544	0.36423	-2.74552
cg26571127	MAST1	5.96E-05	0.556098	1.08588	1.08588	0.673217	0.942987	-1.06046	0.00313807	1.74863	1.74863	0.129827	0.797354	-1.25415	0.0553603	0.740406	-1.35061
cg00706441	MAST1	0.000483899	0.000149632	0.289646	-3.45248	0.247375	1.25872	1.25872	0.0452553	0.645975	-1.54805	0.358306	1.19687	1.19687	0.000358665	0.33644	-2.9723
cg20324262	MAST1	0.000581396	0.106947	0.736954	-1.35694	3.99E-05	3.90333	3.90333	0.000716319	2.44311	2.44311	0.00901678	1.77856	1.77856	0.923968	0.98358	-1.01669
cg14183976	MAST1	0.000673928	0.283943	1.95752	1.95752	0.39014	1.70122	1.70122	0.000404354	29.7571	29.7571	0.479013	1.54379	1.54379	0.672634	0.7738	-1.29232
cg15010352	MAST1	0.000754592	0.00100084	0.2413	-4.14421	0.00643494	0.356551	-2.80465	0.0102975	0.390307	-2.56209	0.250878	1.41783	1.41783	0.000681056	0.220773	-4.52954
cg06307939	MAST1	0.00135203	0.0116394	2.23716	2.23716	0.000162222	5.17425	5.17425	0.425163	1.23115	1.23115	0.0644194	1.69978	1.69978	0.00416017	2.66649	2.66649
cg25756435	MAST1	0.00151065	0.304436	2.45168	2.45168	0.014237	15.2912	15.2912	0.0017191	72.6334	72.6334	0.969263	1.0326	1.0326	?	?	?
cg13294594	MAST1	0.00206796	0.294556	0.83508	-1.19749	0.147711	1.29369	1.29369	0.354933	1.17089	1.17089	0.846326	1.03269	1.03269	0.102455	1.34482	1.34482
cg20966551	MAST1	0.00378123	0.341875	0.902097	-1.10853	0.137625	1.18319	1.18319	0.000504472	1.77187	1.77187	0.981513	1.00244	1.00244	0.808595	0.97479	-1.02586
cg24145039	MAST1	0.00413847	0.0031812	0.499847	-2.00061	0.786163	1.04792	1.04792	0.00168881	0.461892	-2.16501	0.17753	0.781392	-1.27977	0.0303675	0.645246	-1.5498
cg19736369	MAST1	0.00517196	0.714455	0.874128	-1.144	0.762035	0.894775	-1.1176	0.000960266	0.165232	-6.05211	0.0103428	0.306497	-3.26267	0.598705	1.2146	1.2146
cg03126177	MAST1	0.00815335	0.152344	1.5777	1.5777	0.0647141	0.539538	-1.85344	0.0345532	0.480462	-2.08133	0.771625	0.917086	-1.09041	0.000672327	0.212897	-4.6971
cg13344344	MAST1	0.013509	0.402751	1.35484	1.35484	0.000670726	6.33059	6.33059	0.00643653	3.51406	3.51406	0.0413117	2.30412	2.30412	0.195833	1.62439	1.62439
cg02423030	MAST1	0.0150087	0.0631141	0.619197	-1.61499	0.177083	1.38956	1.38956	0.0908384	1.53291	1.53291	0.881081	0.966256	-1.03492	0.00113148	0.333374	-2.99963
cg21634331	MAST1	0.0212322	0.74635	1.04107	1.04107	0.852655	0.977208	-1.02332	0.456952	0.910336	-1.0985	0.354247	0.888531	-1.12545	0.316935	1.13689	1.13689
cg26870725	MAST1	0.0220337	0.0480262	6.42183	6.42183	0.11664	4.06656	4.06656	0.537672	1.67116	1.67116	0.25623	2.65162	2.65162	0.0421649	6.86346	6.86346
cg09980403	MAST1	0.0242731	0.0477813	0.415971	-2.40401	0.0351322	2.58882	2.58882	0.0826222	0.47473	-2.10646	0.222374	0.608356	-1.64378	0.00465086	0.232508	-4.30093
cg04543115	MAST1	0.0250902	0.0123641	0.337436	-2.96352	0.521816	1.25417	1.25417	0.34421	0.711863	-1.40476	0.302616	0.689016	-1.45135	0.000949992	0.179349	-5.57573
cg08305551	MAST1	0.0260656	0.0384017	12.727	12.727	0.141451	5.34741	5.34741	0.35576	2.73798	2.73798	0.0983661	6.83529	6.83529	0.0340668	13.7736	13.7736
cg17710868	MAST1	0.0367977	0.975812	0.995194	-1.00483	0.00601621	1.76872	1.76872	0.066312	1.38713	1.38713	0.743013	0.949069	-1.05366	0.600952	1.08746	1.08746
cg02776664	MAST1	0.038993	0.0563719	9.07855	9.07855	0.166539	4.50868	4.50868	0.38659	2.47481	2.47481	0.172234	4.40821	4.40821	0.0791632	7.31537	7.31537
cg06537894	MAST1	0.0458149	0.0467447	25.7448	25.7448	0.0558027	22.0062	22.0062	0.19707	6.99719	6.99719	0.141813	9.52048	9.52048	0.0364566	32.0914	32.0914
cg11413800	MAST1;MAST1	0.0200646	0.330207	0.878817	-1.13789	0.436411	1.10747	1.10747	0.0152592	1.46672	1.46672	0.103703	0.795516	-1.25705	0.264013	0.860979	-1.16147
cg11155036	MAST2	0.00205065	0.0696584	0.715073	-1.39846	0.36078	0.856164	-1.168	0.00101422	0.446707	-2.2386	0.0700425	0.715478	-1.39767	0.000518281	0.408593	-2.44742
cg04984052	MAST2	0.00230365	0.449708	0.895563	-1.11662	0.000364457	0.441326	-2.2659	0.00940859	0.624114	-1.60227	0.267953	0.847687	-1.17968	0.248742	0.841433	-1.18845
cg22073794	MAST2	0.0145975	0.0218008	0.596664	-1.67599	0.00141076	0.420203	-2.3798	0.0381527	0.637142	-1.56951	0.920285	1.01895	1.01895	0.0299324	0.619329	-1.61465
cg23626617	MAST2	0.0171068	0.856609	1.04648	1.04648	0.00145918	0.315149	-3.1731	0.00393643	0.377378	-2.64986	0.403649	0.806802	-1.23946	0.178603	1.43188	1.43188
cg10784298	MAST2;MAST2	0.00354998	0.00570258	1.3234	1.3234	0.000726054	0.672167	-1.48772	0.866366	1.0131	1.0131	0.0121828	1.2731	1.2731	0.449583	1.06136	1.06136
cg16730386	MAST2;MAST2	0.0095741	0.0474323	1.29419	1.29419	0.00094416	0.570777	-1.752	0.888838	0.984222	-1.01603	0.140804	0.835146	-1.19739	0.935685	1.00922	1.00922
cg16300524	MAST2;MAST2	0.0392204	0.400236	1.31192	1.31192	0.0517981	2.00928	2.00928	0.0237715	2.34155	2.34155	0.692116	1.1337	1.1337	0.269399	0.69584	-1.43711
cg24171992	MAST3	0.00392901	0.00387977	0.335151	-2.98373	0.0654283	0.559212	-1.78823	0.0517769	0.536812	-1.86285	0.55476	1.18284	1.18284	0.00548612	0.358326	-2.79075
cg08320164	MAST3	0.00861605	0.235568	0.78304	-1.27707	0.812397	0.954299	-1.04789	0.943856	1.01395	1.01395	0.122167	1.39043	1.39043	0.0629496	0.662596	-1.50921
cg02814054	MAST3	0.00928723	0.0168472	1.9402	1.9402	0.00262647	2.57692	2.57692	0.0189515	1.90754	1.90754	0.00547388	2.29394	2.29394	0.225686	0.748877	-1.33533
cg07821574	MAST3	0.0106177	0.201348	0.816686	-1.22446	0.804654	0.963494	-1.03789	0.0481788	1.40337	1.40337	0.899186	1.0192	1.0192	0.31932	0.856889	-1.16701
cg24195878	MAST3	0.015027	0.196155	1.59999	1.59999	0.0872229	1.91426	1.91426	0.0415322	2.2438	2.2438	0.142104	1.72064	1.72064	0.0389755	0.439662	-2.27447
cg11354908	MAST3	0.0211429	0.854475	0.969316	-1.03165	0.0460848	1.47398	1.47398	0.732186	1.06004	1.06004	0.258342	1.22164	1.22164	0.720168	0.940768	-1.06296
cg26325791	MAST3	0.0215334	0.135652	1.78329	1.78329	0.0126488	3.04942	3.04942	0.00130067	5.39095	5.39095	0.240876	1.55524	1.55524	0.747346	1.12329	1.12329
cg24137511	MAST3	0.0222373	0.0108778	0.139264	-7.1806	0.825566	1.14579	1.14579	0.581895	1.409	1.409	0.310011	1.91116	1.91116	0.00135266	0.0567286	-17.6278
cg03726312	MAST3	0.0263621	0.0188854	0.404121	-2.47451	0.307279	0.714093	-1.40038	0.245695	0.67919	-1.47234	0.910355	1.03654	1.03654	0.00158662	0.23585	-4.23998
cg18304704	MAST3	0.0285446	0.042007	0.556103	-1.79823	0.0148351	0.472086	-2.11826	0.0295825	0.526516	-1.89928	0.835598	1.05342	1.05342	0.373931	0.795679	-1.25679
cg16286597	MAST3	0.0324639	0.665134	0.944937	-1.05827	0.0148801	1.47633	1.47633	0.0103344	1.52222	1.52222	0.0283629	0.714221	-1.40013	0.577889	1.07585	1.07585
cg03594868	MAST3	0.0405804	0.780194	1.07908	1.07908	0.409941	1.25767	1.25767	0.051962	1.82497	1.82497	0.931757	0.976968	-1.02357	0.00390275	0.347491	-2.87778
cg03883572	MAST4;MAST4	9.97E-05	0.0297484	2.13535	2.13535	0.000101819	7.70092	7.70092	0.930466	0.97445	-1.02622	0.297318	1.37772	1.37772	3.54E-05	0.0937249	-10.6695
cg19751560	MAST4;MAST4	0.000137573	0.00912987	0.643202	-1.55472	0.00206707	0.560982	-1.78259	6.17E-05	0.373632	-2.67643	2.42E-05	0.326029	-3.06721	0.0680932	1.3129	1.3129
cg17278401	MAST4;MAST4	0.000254285	0.212541	1.47324	1.47324	0.00279207	3.37409	3.37409	0.824396	0.936522	-1.06778	0.94132	0.97851	-1.02196	1.94E-05	0.0773815	-12.923
cg25399309	MAST4;MAST4	0.000377441	0.0166311	3.59059	3.59059	0.00252672	6.25074	6.25074	0.368956	1.49684	1.49684	0.329846	1.55203	1.55203	7.56E-05	0.0433313	-23.078
cg07510828	MAST4;MAST4	0.00131538	0.00165335	0.541999	-1.84502	0.031029	0.708673	-1.41109	0.000477647	0.474377	-2.10803	0.660242	1.06201	1.06201	0.0180968	0.676745	-1.47766
cg11941228	MAST4;MAST4	0.00194211	0.414135	0.892222	-1.1208	0.739113	0.95537	-1.04671	0.823104	0.969877	-1.03106	0.304145	0.864694	-1.15648	0.000513033	0.476716	-2.09769
cg08743751	MAST4;MAST4	0.0023004	0.031491	3.92056	3.92056	0.00314061	8.90658	8.90658	0.20164	2.07571	2.07571	0.267543	1.8693	1.8693	0.00105427	0.0724986	-13.7934
cg09012346	MAST4;MAST4	0.00265792	0.0819487	0.617582	-1.61922	0.360271	0.790431	-1.26513	0.0132218	0.463975	-2.15529	0.306677	1.30293	1.30293	8.85E-05	0.172785	-5.78754
cg02625902	MAST4;MAST4	0.00267819	0.877511	1.015	1.015	0.959606	1.0049	1.0049	0.216703	1.13371	1.13371	0.0160016	0.752236	-1.32937	0.000953698	0.621689	-1.60852
ch.5.1264897R	MAST4;MAST4	0.00381072	0.00181893	0.19965	-5.00876	0.0096152	0.30375	-3.29218	0.0187801	0.355225	-2.81512	0.00158879	0.192483	-5.19528	0.00517609	0.261386	-3.82576
cg11017382	MAST4;MAST4	0.00576548	0.181778	1.316	1.316	0.123719	0.723979	-1.38126	0.143411	1.35609	1.35609	0.888281	1.02761	1.02761	0.223181	0.780392	-1.28141
cg19458529	MAST4;MAST4	0.00611561	0.0129424	0.491872	-2.03305	0.0801975	1.56272	1.56272	0.0103189	0.475544	-2.10286	0.983133	0.99515	-1.00487	0.000828373	0.314145	-3.18324
cg11590213	MAST4;MAST4	0.00840515	0.567136	1.30875	1.30875	0.974471	0.985225	-1.015	0.698735	1.1983	1.1983	0.619969	1.26179	1.26179	0.00286601	0.148337	-6.74143
cg26967579	MAST4;MAST4	0.0160652	0.0012765	1.42952	1.42952	0.931955	0.993525	-1.00652	0.188809	1.11171	1.11171	0.601344	0.960697	-1.04091	0.0704631	1.16623	1.16623
ch.5.1258129F	MAST4;MAST4	0.0238393	0.0066261	0.14359	-6.96428	0.028974	0.242251	-4.12795	0.00376376	0.116077	-8.61497	0.0230615	0.2239	-4.46628	0.068514	0.325303	-3.07406
cg17621060	MAST4;MAST4	0.0248293	0.769315	1.06535	1.06535	0.0060532	0.462252	-2.16332	0.629828	0.900748	-1.11019	0.0437039	0.607096	-1.64719	0.761231	1.0678	1.0678
cg24947286	MAST4;MAST4	0.0263217	0.0882591	0.416838	-2.39901	0.811546	0.894828	-1.11753	0.0992335	0.431386	-2.31811	0.445218	1.43627	1.43627	0.643416	0.80503	-1.24219
cg04480129	MAST4;MAST4	0.0271722	0.453324	1.12238	1.12238	0.360707	0.867617	-1.15258	0.142054	1.26941	1.26941	0.90485	0.98209	-1.01824	0.00318176	0.544008	-1.83821
cg01791798	MAST4;MAST4	0.0280089	0.707202	0.888803	-1.12511	0.00502137	0.313634	-3.18843	0.0157179	0.396608	-2.52138	0.0116951	0.373752	-2.67557	0.0541577	0.505234	-1.97928
cg02632185	MAST4;MAST4	0.0306722	0.779922	0.910201	-1.09866	0.284049	1.45327	1.45327	0.413684	1.32405	1.32405	0.664107	0.863501	-1.15808	0.000579167	0.167297	-5.97738
cg27145409	MAST4;MAST4	0.03895	0.991542	1.00176	1.00176	0.00163565	0.473	-2.11416	0.500687	0.892759	-1.12012	0.745616	1.05551	1.05551	0.332659	1.1804	1.1804
cg20964285	MAST4;MAST4	0.0396752	0.67996	1.21868	1.21868	0.137583	2.14344	2.14344	0.0491288	2.91781	2.91781	0.372773	0.646449	-1.54691	0.939916	1.03659	1.03659
cg01933079	MAST4;MAST4	0.0425994	0.0506913	0.429475	-2.32842	0.0146436	0.319524	-3.12965	0.00161252	0.179707	-5.5646	0.593589	0.815082	-1.22687	0.411904	0.727254	-1.37504
cg02574484	MAST4;MAST4	0.0466896	0.219128	0.847376	-1.18011	0.0705853	1.29556	1.29556	0.765643	1.03905	1.03905	0.154089	0.822405	-1.21595	0.389532	0.893153	-1.11963
cg16214267	MAST4;MAST4	0.0498849	0.0289434	0.397668	-2.51466	0.0635036	0.473714	-2.11098	0.884964	0.949481	-1.05321	0.755464	1.11837	1.11837	0.0557501	0.46018	-2.17306
cg05088356	MAST4;MAST4;MAST4	2.94E-05	0.000109141	0.62469	-1.60079	0.19273	0.909218	-1.09985	0.518978	1.04617	1.04617	0.82566	1.01535	1.01535	6.69E-06	0.501166	-1.99535
cg07034329	MAST4;MAST4;MAST4	0.00182603	0.248385	0.688579	-1.45227	0.0272727	0.445832	-2.24299	0.0676286	1.88342	1.88342	0.0225281	2.32774	2.32774	0.000156906	0.135307	-7.39059
cg24155984	MAST4;MAST4;MAST4	0.00383816	0.188945	0.682165	-1.46592	0.00645072	0.377768	-2.64713	0.000637819	0.236638	-4.22587	0.802502	0.933447	-1.0713	0.678535	0.891776	-1.12136
cg03511806	MAST4;MAST4;MAST4	0.00421276	0.526018	0.861857	-1.16029	0.00297262	2.5682	2.5682	0.00893464	2.1588	2.1588	0.0643699	0.618275	-1.6174	0.00603041	0.436016	-2.29349
cg10629165	MAST4;MAST4;MAST4	0.00556455	0.140329	0.759562	-1.31655	0.0786333	0.71275	-1.40302	0.26726	0.818434	-1.22185	0.337427	1.18702	1.18702	0.00029951	0.360671	-2.77261
cg09728102	MAST4;MAST4;MAST4	0.00995188	0.147715	0.809979	-1.2346	0.975192	1.00423	1.00423	0.0175956	1.47983	1.47983	0.157405	0.814529	-1.2277	0.140205	0.80628	-1.24026
cg10810657	MAST4;MAST4;MAST4	0.0119181	0.0454316	0.652674	-1.53216	0.679086	1.08043	1.08043	0.689683	0.928084	-1.07749	0.0499099	1.51562	1.51562	0.00286039	0.466211	-2.14495
cg17606548	MAST4;MAST4;MAST4	0.0126194	0.00961139	0.46912	-2.13165	0.137635	0.691308	-1.44653	0.0101079	0.472699	-2.11551	0.160172	0.70718	-1.41407	0.00124094	0.336305	-2.97349
cg07416291	MAST4;MAST4;MAST4	0.0181181	0.00717923	0.221657	-4.51147	0.155983	0.51743	-1.93263	0.0776079	0.426786	-2.34309	0.243097	0.588464	-1.69934	0.00194827	0.149266	-6.69945
cg20396510	MAST4;MAST4;MAST4	0.0254824	0.0902835	0.679826	-1.47096	0.135288	0.716891	-1.39491	0.000872229	0.356173	-2.80763	0.22848	1.29863	1.29863	0.359214	0.822918	-1.21519
cg12568520	MAST4;MAST4;MAST4	0.030794	0.356084	1.20408	1.20408	0.182212	0.758055	-1.31917	0.0734226	0.6767	-1.47776	0.408899	1.17969	1.17969	0.474928	0.867487	-1.15276
cg26460816	MAST4;MAST4;MAST4;MAST4	0.0105529	0.512879	1.10557	1.10557	0.463444	1.11948	1.11948	0.516142	1.10469	1.10469	0.857623	1.02753	1.02753	0.896659	1.01985	1.01985
cg02651776	MASTL	0.000303503	0.063317	0.815232	-1.22664	0.0129479	0.73953	-1.35221	0.100031	0.838377	-1.19278	0.0115194	0.734087	-1.36224	9.90E-06	0.395073	-2.53118
cg21244397	MASTL	0.0130518	0.00107272	0.51806	-1.93028	0.0877872	1.29238	1.29238	0.316715	1.1513	1.1513	0.473734	1.10426	1.10426	0.49936	1.09783	1.09783
cg11759194	MASTL	0.0369251	0.151242	0.606048	-1.65003	0.0690135	0.515519	-1.93979	?	?	?	0.00555178	0.305306	-3.2754	0.0459991	0.474883	-2.10578
cg27171509	MAT1A	0.0024309	0.0160583	0.339556	-2.94503	0.126445	0.545518	-1.83312	0.00048911	0.135001	-7.40734	0.343324	0.699186	-1.43024	0.000195827	0.100684	-9.93209
cg19765377	MAT1A	0.00353046	0.00549629	0.320457	-3.12054	0.00151483	0.24068	-4.1549	0.00205771	0.25833	-3.87102	0.116155	0.58724	-1.70288	0.0319138	0.456651	-2.18986
cg18292394	MAT1A	0.0141227	0.15033	1.51882	1.51882	0.00882391	2.46893	2.46893	0.0860114	1.67238	1.67238	0.816416	0.938909	-1.06507	0.151894	1.51606	1.51606
cg25726847	MAT1A	0.0142378	0.236344	0.726752	-1.37599	0.62807	1.13379	1.13379	0.001139	0.292025	-3.42436	0.447755	0.819533	-1.22021	0.0840914	0.61163	-1.63497
cg19423196	MAT1A;MAT1A	0.00285201	0.0301364	2.05792	2.05792	0.000640625	4.40719	4.40719	0.110021	1.63723	1.63723	0.0383757	1.97208	1.97208	0.102476	1.6582	1.6582
cg19611045	MAT2A	0.00381558	0.287431	0.806251	-1.24031	0.0375448	1.60078	1.60078	0.223428	0.779259	-1.28327	0.0183823	0.572474	-1.74681	0.188233	0.761964	-1.3124
cg10075284	MAT2A	0.00750753	0.0140201	0.716078	-1.3965	0.0625626	1.25952	1.25952	0.976854	1.0032	1.0032	0.852759	0.979753	-1.02067	0.6044	0.944084	-1.05923
cg09363733	MAT2A	0.0265581	0.0689924	0.592454	-1.6879	0.00728795	2.43579	2.43579	0.0361192	1.87189	1.87189	0.242754	0.73017	-1.36954	0.961351	0.987611	-1.01254
cg03059048	MAT2B	0.00258235	4.29E-05	0.00980995	-101.937	0.912097	0.936411	-1.06791	0.00216233	0.0771929	-12.9546	0.50003	0.665439	-1.50277	0.183052	0.431479	-2.31761
cg17334359	MAT2B	0.00744202	0.972102	0.99141	-1.00866	0.642967	1.12206	1.12206	0.024551	0.516479	-1.93619	0.049483	1.73843	1.73843	0.00142994	0.320539	-3.11975
cg16463745	MAT2B	0.0117477	0.131563	0.411576	-2.42969	0.25044	0.519471	-1.92504	0.971892	0.980968	-1.0194	0.000135023	0.0271876	-36.7815	0.147327	0.428282	-2.33491
cg12910830	MAT2B	0.0266286	0.127852	0.65809	-1.51955	0.0238683	0.503974	-1.98423	0.00367689	0.36859	-2.71304	0.110555	1.55576	1.55576	0.0108832	0.443709	-2.25373
cg07217350	MAT2B;MAT2B	0.000618551	0.00139882	0.456006	-2.19295	0.00101398	0.437302	-2.28675	0.0167274	1.64132	1.64132	0.6876	0.933719	-1.07099	0.732931	0.943547	-1.05983
cg18333662	MAT2B;MAT2B	0.00583222	0.00951826	0.58135	-1.72013	0.00996718	1.71159	1.71159	0.00337589	0.517699	-1.93162	0.0223387	0.636294	-1.5716	0.0306587	1.52095	1.52095
cg14447399	MAT2B;MAT2B	0.0106767	0.434926	1.09674	1.09674	0.00991913	1.45875	1.45875	0.0140462	1.42117	1.42117	0.0100514	1.45729	1.45729	0.339936	0.892257	-1.12075
cg23331220	MAT2B;MAT2B	0.0364537	0.0387184	0.620499	-1.61161	0.257439	0.790093	-1.26567	0.0193207	0.568921	-1.75771	0.0289023	0.598367	-1.67121	0.142315	0.730199	-1.36949
cg22606736	MATK	0.0194286	0.0120195	3.19489	3.19489	0.0103382	3.3129	3.3129	0.555809	1.24723	1.24723	0.0201366	2.82736	2.82736	0.136959	1.81124	1.81124
cg26340968	MATK	0.0292468	0.0222332	0.124087	-8.05887	0.0108832	0.0876574	-11.408	0.00992783	0.0837509	-11.9402	0.121119	0.278091	-3.59594	0.0628979	0.203257	-4.91987
cg22818306	MATK;MATK;MATK	1.31E-05	0.00248488	0.62811	-1.59208	0.000891806	0.576746	-1.73387	0.000458945	0.54329	-1.84064	0.00117908	0.590768	-1.69271	6.08E-05	0.440927	-2.26795
cg10132874	MATK;MATK;MATK	2.23E-05	0.000244438	0.321397	-3.11142	0.036519	0.634432	-1.57621	1.67E-05	0.190921	-5.23778	0.907545	1.02199	1.02199	2.97E-05	0.216247	-4.62434
cg27083614	MATK;MATK;MATK	0.000183175	0.892709	0.975559	-1.02505	0.665232	1.0831	1.0831	0.00136895	0.426679	-2.34368	0.000595063	0.378321	-2.64326	0.00150138	0.432166	-2.31392
cg17845532	MATK;MATK;MATK	0.000372017	0.0253908	0.393489	-2.54137	0.000361319	0.134305	-7.44571	0.0187316	0.367888	-2.71822	0.0305144	0.409694	-2.44084	9.59E-05	0.0874385	-11.4366
cg03301579	MATK;MATK;MATK	0.00318017	0.0604403	2.62996	2.62996	0.586409	1.28517	1.28517	0.263197	0.587005	-1.70356	0.320899	1.59742	1.59742	0.000588129	0.0884485	-11.306
cg07752026	MATK;MATK;MATK	0.00593814	0.74552	1.05777	1.05777	0.703109	0.936092	-1.06827	0.466442	1.13634	1.13634	0.386661	0.858092	-1.16538	0.840675	0.965882	-1.03532
cg13387994	MATK;MATK;MATK	0.00870725	0.0104548	0.341758	-2.92605	0.672696	1.15205	1.15205	0.320309	0.710299	-1.40786	0.164501	0.610161	-1.63891	0.0177225	0.382642	-2.61341
cg11326255	MATK;MATK;MATK	0.0240857	0.798024	1.22362	1.22362	0.186698	0.332355	-3.00883	0.0670662	0.198827	-5.0295	0.195162	0.340161	-2.93978	0.0210149	0.112505	-8.88845
cg17429382	MATK;MATK;MATK;MATK;MATK	0.0170526	0.0586572	0.316473	-3.15983	0.239188	0.518916	-1.92709	0.00216468	0.0902266	-11.0832	0.0375504	0.271055	-3.68929	0.993838	1.00409	1.00409
cg03736085	MATN1	0.00151371	0.984818	0.993094	-1.00695	0.813703	0.917614	-1.08978	1.88E-05	0.0420024	-23.8081	0.241374	1.56309	1.56309	0.932555	0.969641	-1.03131
cg20799514	MATN1	0.00442172	0.0994119	0.741459	-1.34869	0.000678923	2.36366	2.36366	0.208079	1.24587	1.24587	0.233914	1.2296	1.2296	0.0678882	1.40313	1.40313
cg17461278	MATN1	0.00643594	0.000820926	0.519221	-1.92596	0.0434498	1.35244	1.35244	0.995379	1.00075	1.00075	0.2939	1.15205	1.15205	0.012698	0.668541	-1.49579
cg22123309	MATN1	0.0242654	0.0611034	1.40513	1.40513	0.227404	0.815284	-1.22657	0.932331	1.01378	1.01378	0.158598	0.784374	-1.2749	0.0021776	0.50006	-1.99976
cg02396888	MATN1	0.024924	0.110872	2.36145	2.36145	0.21943	0.536091	-1.86536	0.114189	0.427816	-2.33745	0.241922	0.55465	-1.80294	0.429898	0.682963	-1.46421
cg16925659	MATN1	0.0268188	0.265905	1.23792	1.23792	0.176406	1.3029	1.3029	0.0430233	1.5352	1.5352	0.0484201	0.660239	-1.5146	0.315566	0.826095	-1.21051
cg26424967	MATN1	0.0390597	0.0181231	0.561427	-1.78118	0.042454	0.624979	-1.60005	0.245524	0.783226	-1.27677	0.225199	1.29206	1.29206	0.00792314	0.504095	-1.98375
cg14183455	MATN1	0.0422882	0.243652	1.31443	1.31443	0.614631	1.1205	1.1205	0.104745	1.4879	1.4879	0.906074	1.02681	1.02681	0.225199	1.3304	1.3304
cg01928910	MATN1	0.0460318	0.142136	0.601564	-1.66233	0.510405	1.23988	1.23988	0.804879	0.923382	-1.08298	0.0993235	1.78929	1.78929	0.00269034	0.262968	-3.80274
cg24875288	MATN1	0.049001	0.202024	0.645754	-1.54858	0.0628086	0.506814	-1.97311	0.493178	0.797771	-1.25349	0.0854667	0.539455	-1.85372	0.0118624	0.360675	-2.77258
cg24531825	MATN1;MATN1	0.0326454	0.49498	0.875595	-1.14208	0.153185	1.34078	1.34078	0.183583	0.763005	-1.31061	0.303352	1.22678	1.22678	0.00107829	0.396309	-2.52328
cg03489969	MATN2;MATN2	0.0012402	0.0672348	1.5264	1.5264	0.668341	0.916331	-1.09131	0.00220102	2.50728	2.50728	0.359491	1.21124	1.21124	0.0703166	0.659035	-1.51737
cg16129200	MATN2;MATN2	0.00299733	0.0360806	0.584168	-1.71184	0.192078	1.35594	1.35594	0.0305814	0.571045	-1.75118	0.003342	2.41253	2.41253	0.00605552	0.453623	-2.20448
cg14088921	MATN2;MATN2	0.00531058	0.0811973	0.416749	-2.39953	0.0732883	0.40484	-2.47011	0.220964	0.558468	-1.79061	0.02517	0.299535	-3.3385	0.00304761	0.15919	-6.28179
cg07333924	MATN2;MATN2	0.00983916	0.00716963	2.51689	2.51689	0.861587	0.95466	-1.04749	0.563016	1.16821	1.16821	0.33767	0.768894	-1.30057	0.000529251	0.238103	-4.19986
cg03696944	MATN2;MATN2	0.0239341	0.154608	0.767775	-1.30246	0.00567502	0.532934	-1.8764	0.0153287	0.596762	-1.67571	0.0895588	0.722781	-1.38355	0.415702	0.865638	-1.15522
cg12861602	MATN2;MATN2	0.0255846	0.968786	0.987093	-1.01308	0.0227299	0.404439	-2.47256	0.043036	0.461646	-2.16616	0.0632974	0.499878	-2.00049	0.890607	0.955341	-1.04675
cg09093931	MATN2;MATN2	0.0353039	0.809809	0.919008	-1.08813	0.000682571	6.15813	6.15813	0.31083	1.44386	1.44386	0.469326	1.29417	1.29417	0.383687	0.731323	-1.36738
cg25899051	MATN2;MATN2	0.0379173	0.759486	1.04328	1.04328	0.00124927	1.91654	1.91654	0.337326	0.872415	-1.14624	0.703515	0.948607	-1.05418	0.273522	0.854504	-1.17027
cg21772191	MATN2;MATN2	0.0384425	0.799298	1.06109	1.06109	0.924863	0.978287	-1.0222	0.0659919	1.61609	1.61609	0.171947	0.712915	-1.40269	0.00138296	2.94223	2.94223
cg27628089	MATN2;MATN2	0.0410487	0.0246026	2.05926	2.05926	0.639577	0.880495	-1.13573	0.304351	0.750479	-1.33248	0.0317648	0.50701	-1.97235	0.345772	0.769501	-1.29954
cg16103712	MATN2;MATN2	0.0433653	0.0100609	0.0879101	-11.3753	0.079194	0.232516	-4.30078	0.651059	0.711182	-1.40611	0.0444307	0.177649	-5.62907	0.0478497	0.183877	-5.43841
cg19935471	MATN2;MATN2	0.0492367	0.0101245	0.45765	-2.18508	0.0354905	0.554414	-1.80371	0.795049	0.939204	-1.06473	0.94976	1.0153	1.0153	0.0231016	0.519689	-1.92423
cg03293015	MATN2;MATN2;MATN2;MATN2	9.63E-05	0.940265	0.995992	-1.00402	0.00979791	1.19123	1.19123	0.000286996	1.37331	1.37331	0.100905	0.908213	-1.10106	0.00116783	1.29098	1.29098
cg12299199	MATN3	0.00256992	0.238302	0.837808	-1.19359	5.12E-05	2.96454	2.96454	0.248289	0.841207	-1.18877	0.38553	1.13594	1.13594	0.435623	0.892295	-1.12071
cg01931792	MATN3	0.0034399	0.150202	0.6554	-1.52579	8.56E-05	6.90823	6.90823	0.702498	1.11085	1.11085	0.173025	1.48765	1.48765	0.0773451	0.583974	-1.71241
cg00261781	MATN3	0.00449613	0.028144	0.207121	-4.8281	0.00246558	15.3743	15.3743	0.264219	0.509779	-1.96164	?	?	?	?	?	?
cg24416238	MATN3	0.00629904	0.653145	0.901939	-1.10872	0.000149537	4.41982	4.41982	0.772556	0.936018	-1.06836	0.987458	1.00359	1.00359	0.0968561	0.659809	-1.51559
cg17427096	MATN3	0.00726097	0.0148853	0.793868	-1.25965	0.000813964	1.47561	1.47561	0.0216796	1.2367	1.2367	0.438625	0.940931	-1.06278	0.0633318	1.17461	1.17461
cg10334703	MATN3	0.00814584	0.00817258	0.300941	-3.32291	0.0115025	0.325788	-3.06948	0.00839409	0.302832	-3.30216	0.00201242	0.213084	-4.693	0.0313627	0.40826	-2.44942
cg14771954	MATN3	0.0296082	0.1026	0.703149	-1.42217	0.307444	0.81195	-1.2316	0.816894	0.955298	-1.04679	0.0404981	0.627184	-1.59443	0.0119695	0.538902	-1.85562

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03400464	0.668075	1.04871	1.04871	1.87E-06	0.270934	-3.69094	0.909825	1.01257	1.01257	0.00278362	0.634703	-1.57554	29.3157	5.64383	0.171128	1
cg08377888	0.00835059	0.591533	-1.69052	3.70E-05	0.290605	-3.4411	1.67E-05	0.251992	-3.96838	0.0196461	0.644633	-1.55127	29.1745	11.2122	0.341614	1
cg26571127	0.14585	1.24121	1.24121	1.75E-05	3.37708	3.37708	1.48E-05	3.47139	3.47139	9.72E-05	2.60871	2.60871	25.41	7.70732	0.269616	1
cg00706441	0.408101	1.17466	1.17466	0.00272817	0.45513	-2.19717	0.000559092	0.361235	-2.76828	0.195117	1.29785	1.29785	14.4208	8.26659	0.509547	1
cg20324262	0.00608706	1.86101	1.86101	0.244055	0.809466	-1.23538	0.0125784	1.71297	1.71297	0.0390367	1.51332	1.51332	13.7037	6.52856	0.423475	1
cg14183976	0.184125	2.33996	2.33996	0.00105124	18.632	18.632	0.000196708	43.6701	43.6701	0.000167118	47.8217	47.8217	13.15	75.8273	5.12564	1
cg15010352	0.0173351	0.43028	-2.32407	0.000636051	0.21724	-4.6032	0.000205808	0.163757	-6.10659	0.0653494	0.547719	-1.82575	12.7397	17.0863	1.19216	1
cg06307939	0.00428933	2.65214	2.65214	0.000714816	3.72676	3.72676	0.00112317	3.403	3.403	0.20233	1.41017	1.41017	10.797	11.1491	0.917877	1
cg25756435	0.316048	2.39533	2.39533	0.00133568	90.1662	90.1662	0.000373321	305.528	305.528	0.000331421	346.603	346.603	16.4124	152.54	6.97066	1
cg13294594	0.00547006	1.83251	1.83251	8.05E-05	0.307322	-3.25391	0.341025	1.17664	1.17664	0.856048	1.03056	1.03056	9.54842	4.15635	0.386926	1
cg20966551	0.0892748	1.21791	1.21791	0.00118042	0.606187	-1.64966	0.228741	0.875557	-1.14213	0.882325	0.984538	-1.01571	7.98654	1.40006	0.155825	1
cg24145039	0.00067318	0.408525	-2.44783	0.88893	0.976233	-1.02435	0.161665	1.29338	1.29338	0.495871	0.887783	-1.1264	7.77228	3.64751	0.417153	1
cg19736369	0.539418	1.25541	1.25541	?	?	?	0.00111658	0.172475	-5.79794	0.683724	1.16177	1.16177	7.4184	13.997	1.8868	1
cg03126177	0.124915	1.63887	1.63887	0.903836	0.964692	-1.0366	0.0805592	1.77964	1.77964	0.0623498	0.535836	-1.86624	6.30633	8.83407	1.24518	1
cg13344344	0.0659674	2.07836	2.07836	0.478281	1.29132	1.29132	0.0256898	2.55934	2.55934	0.0309947	2.45499	2.45499	5.36235	10.6818	1.77067	1
cg02423030	0.919355	0.977045	-1.02349	0.0296315	1.79884	1.79884	0.976964	0.993401	-1.00664	0.717758	0.920134	-1.0868	5.17971	4.31356	0.740248	1
cg21634331	0.0580826	1.30424	1.30424	0.000533234	1.95137	1.95137	0.790001	0.967443	-1.03365	0.439853	0.906931	-1.10262	4.60968	1.12264	0.21648	1
cg26870725	0.0303096	8.12782	8.12782	0.00182384	38.298	38.298	0.00687456	17.8086	17.8086	0.0468513	6.5036	6.5036	4.55155	48.8086	9.53201	1
cg09980403	0.240209	0.620904	-1.61055	0.0222894	0.345929	-2.89076	0.709367	0.864938	-1.15615	0.124393	0.524766	-1.90561	4.40211	10.472	2.11454	1
cg04543115	0.0662715	0.487449	-2.0515	0.162535	0.594467	-1.68218	0.789388	0.910843	-1.09788	0.915088	0.963479	-1.0379	4.35178	8.38646	1.71301	1
cg08305551	0.0397452	12.4418	12.4418	0.00229261	91.8328	91.8328	0.0120315	27.6869	27.6869	0.0350947	13.5059	13.5059	4.29429	76.466	15.8279	1
cg17710868	0.193149	1.24458	1.24458	0.0178479	0.632865	-1.58012	0.273833	0.834499	-1.19832	0.375431	1.1555	1.1555	3.79744	1.51825	0.355385	1
cg02776664	0.0642931	8.35161	8.35161	0.00332433	59.2248	59.2248	0.0133647	22.8409	22.8409	0.0312928	13.1903	13.1903	3.71783	61.3795	14.6751	1
cg06537894	0.0868245	14.851	14.851	0.00714289	142.057	142.057	0.0173521	62.3923	62.3923	0.0382251	30.7705	30.7705	3.50189	112.88	28.6525	1
cg11413800	0.274655	0.864048	-1.15734	0.00234488	0.579295	-1.72624	0.662894	0.945169	-1.05801	0.154928	1.21617	1.21617	4.69941	1.23021	0.232692	1
cg11155036	0.191904	0.795851	-1.25652	0.0222689	0.63582	-1.57277	0.826877	0.964442	-1.03687	0.000214938	0.360149	-2.77663	9.57186	4.14203	0.384649	1
cg04984052	0.730017	0.951601	-1.05086	0.000779791	2.07052	2.07052	0.910155	1.0163	1.0163	0.661346	1.06516	1.06516	9.25169	3.00472	0.288689	1
cg22073794	0.485644	1.14214	1.14214	0.238452	1.26063	1.26063	0.297784	1.22442	1.22442	0.278325	0.809406	-1.23547	5.22746	2.91313	0.495356	1
cg23626617	0.551984	1.16318	1.16318	0.555856	1.16143	1.16143	0.883661	1.03747	1.03747	0.780021	1.07287	1.07287	4.95908	4.95631	0.888393	1
cg10784298	0.760667	0.976663	-1.0239	0.00624063	1.3172	1.3172	0.944761	0.994658	-1.00537	0.458117	0.943276	-1.06014	8.13918	0.770106	0.0841041	1
cg16730386	0.119032	1.21215	1.21215	0.0149179	1.40557	1.40557	0.763754	0.966303	-1.03487	0.205653	0.859133	-1.16396	5.99333	1.22749	0.182053	1
cg16300524	0.00644672	0.327272	-3.05556	0.61565	1.17303	1.17303	0.355129	0.740882	-1.34974	0.62309	1.16904	1.16904	3.7099	5.84086	1.39947	1
cg24171992	0.00864516	0.390273	-2.56231	0.000313067	0.193502	-5.1679	0.0311562	0.491216	-2.03576	0.0314746	0.492093	-2.03214	7.89497	9.87786	1.11214	1
cg08320164	0.483178	1.15052	1.15052	0.206983	1.29931	1.29931	0.000389563	3.0423	3.0423	0.0174259	1.76741	1.76741	6.19739	3.79946	0.544955	1
cg02814054	0.129111	1.45169	1.45169	0.00964914	2.10534	2.10534	0.027971	1.80427	1.80427	0.410017	1.21106	1.21106	6.05167	4.9512	0.727248	1
cg07821574	0.137337	0.786507	-1.27144	0.000570333	0.448995	-2.2272	0.150905	1.25988	1.25988	0.0913657	1.32183	1.32183	5.79814	2.06817	0.317063	1
cg24195878	0.234212	1.53542	1.53542	0.00194957	4.51082	4.51082	0.123384	0.56333	-1.77516	0.127663	1.7619	1.7619	5.17762	9.69591	1.66458	1
cg11354908	0.490667	1.12618	1.12618	0.000378357	2.62245	2.62245	0.627955	0.920453	-1.08642	0.34829	1.1781	1.1781	4.61632	2.10644	0.405603	1
cg26325791	0.905321	1.04373	1.04373	0.00872238	3.32686	3.32686	0.0895687	1.96058	1.96058	0.247128	1.5454	1.5454	4.58752	9.40036	1.82144	1
cg24137511	0.183836	2.38531	2.38531	0.738231	1.22974	1.22974	0.834368	1.13781	1.13781	0.729971	0.807641	-1.23817	4.5372	27.3177	5.35185	1
cg03726312	0.98675	0.994723	-1.00531	0.412617	1.3059	1.3059	0.968961	1.01248	1.01248	0.0196869	0.407522	-2.45385	4.27734	6.87727	1.42919	1
cg18304704	0.32056	0.773352	-1.29307	0.00465227	0.389619	-2.56661	0.0146471	0.471122	-2.12259	0.0579772	0.584679	-1.71034	4.15943	4.13126	0.882868	1
cg16286597	0.475044	0.909854	-1.09908	0.178866	1.2041	1.2041	0.761788	1.04033	1.04033	0.223018	0.846602	-1.18119	3.97334	1.0644	0.238121	1
cg03594868	0.623749	1.14398	1.14398	0.0302251	2.00018	2.00018	0.321152	1.32162	1.32162	0.87155	1.04501	1.04501	3.66363	4.29465	1.04199	1
cg03883572	0.767051	0.915669	-1.0921	0.000121175	7.3239	7.3239	0.00517855	2.98779	2.98779	0.224656	1.45973	1.45973	22.1573	30.8641	1.23818	1
cg19751560	0.394236	1.12331	1.12331	0.669948	1.05879	1.05879	0.0003202	0.460215	-2.1729	0.216491	0.840887	-1.18922	20.3248	5.71557	0.249966	1
cg17278401	0.26004	1.41439	1.41439	0.000876098	4.3603	4.3603	0.00653854	2.83669	2.83669	0.302798	1.37025	1.37025	17.2101	23.7364	1.22597	1
cg25399309	0.750178	0.869672	-1.14986	0.000333473	12.559	12.559	0.00938991	4.21908	4.21908	0.316696	1.57221	1.57221	15.4453	46.7421	2.69005	1
cg07510828	0.0194406	0.680935	-1.46857	0.00785067	1.59042	1.59042	0.285805	0.860036	-1.16274	0.00218035	0.557232	-1.79459	10.8824	3.18865	0.260454	1
cg11941228	0.0314243	0.708384	-1.41166	0.000232315	0.434142	-2.30339	0.0301559	1.41663	1.41663	0.24822	1.17927	1.17927	9.72471	2.8741	0.262708	1
cg08743751	0.738037	1.19937	1.19937	0.00225916	10.1205	10.1205	0.0116511	5.5157	5.5157	0.0910556	2.74048	2.74048	9.25553	43.0007	4.12973	1
cg09012346	0.522573	1.1759	1.1759	0.0900582	1.59544	1.59544	0.287701	1.31786	1.31786	0.0824013	0.618114	-1.61782	8.87045	8.78358	0.880185	1
cg02625902	0.601535	0.950405	-1.05218	0.0118395	0.738316	-1.35443	0.00107629	1.59397	1.59397	0.237534	0.887397	-1.12689	8.85057	1.30655	0.13122	1
ch.5.1264897R	0.00603719	0.271481	-3.68351	0.00187994	0.201425	-4.96462	0.0498389	0.443429	-2.25515	0.22689	0.630527	-1.58597	7.96792	16.6761	1.86036	1
cg11017382	0.0014209	0.408854	-2.44586	0.00586156	0.497218	-2.01119	0.0197038	0.579437	-1.72581	0.00466497	0.482473	-2.07266	7.02499	4.17577	0.52837	1
cg19458529	0.00615376	0.439548	-2.27506	0.383282	0.814131	-1.2283	0.931052	1.0201	1.0201	0.0893545	0.649963	-1.53855	6.89837	5.77972	0.744745	1
cg11590213	0.82705	0.903226	-1.10714	0.000384609	0.0716794	-13.951	0.310992	1.62839	1.62839	0.552124	0.755936	-1.32286	6.24612	21.4043	3.04606	1
cg26967579	0.0663185	1.16959	1.16959	0.19756	1.10916	1.10916	0.00958362	1.28336	1.28336	0.1598	0.892035	-1.12103	5.06414	0.464019	0.0814475	1
ch.5.1258129F	0.934077	0.955464	-1.04661	0.281359	0.539791	-1.85257	0.0421359	0.275447	-3.63046	0.875922	0.91755	-1.08986	4.42969	21.276	4.26938	1
cg17621060	0.113856	1.4481	1.4481	0.067415	1.55441	1.55441	0.254316	0.773982	-1.29202	0.0348666	1.69774	1.69774	4.36762	3.20476	0.652226	1
cg24947286	0.0997842	2.31434	2.31434	0.00325907	6.4637	6.4637	0.0266271	3.39502	3.39502	0.726392	1.17756	1.17756	4.27964	14.6698	3.04695	1
cg04480129	0.492527	1.11109	1.11109	0.0108518	1.62164	1.62164	0.226878	1.21136	1.21136	0.773803	1.04451	1.04451	4.23221	1.53089	0.321533	1
cg01791798	0.837961	0.938034	-1.06606	0.0852315	0.551871	-1.81202	0.741031	0.901579	-1.10917	0.019192	0.412648	-2.42337	4.18731	6.47211	1.37391	1
cg02632185	0.722173	1.1274	1.1274	0.30668	0.700846	-1.42685	0.740845	1.11794	1.11794	0.535851	0.810111	-1.2344	4.05476	7.24536	1.58834	1
cg27145409	0.111542	0.750028	-1.33328	0.0974406	1.35233	1.35233	0.531706	1.11086	1.11086	0.493124	0.89091	-1.12245	3.71933	1.62245	0.387751	1
cg20964285	0.00333403	0.148834	-6.71888	0.903631	1.05945	1.05945	0.202315	1.89992	1.89992	0.182724	1.96236	1.96236	3.69421	13.2999	3.20019	1
cg01933079	0.365803	0.702781	-1.42292	0.859537	0.934972	-1.06955	0.192347	0.592263	-1.68844	0.58602	0.811597	-1.23214	3.59835	8.21195	2.02857	1
cg02574484	0.0186604	0.693936	-1.44106	0.053397	1.3247	1.3247	0.256163	1.16403	1.16403	0.0867366	0.784714	-1.27435	3.47708	0.904328	0.231184	1
cg16214267	0.229078	1.57139	1.57139	0.0111815	0.320293	-3.12215	0.818355	0.920927	-1.08586	0.049315	0.447799	-2.23314	3.3911	6.88665	1.80516	1
cg05088356	0.0192689	0.822479	-1.21584	2.25E-06	0.450235	-2.22106	0.100182	0.883074	-1.13241	0.706832	1.02643	1.02643	30.6152	2.31086	0.0670942	1
cg07034329	0.597982	1.17886	1.17886	0.155742	0.625214	-1.59945	0.157479	1.59588	1.59588	0.0151449	2.51621	2.51621	9.90045	14.9935	1.34615	1
cg24155984	0.0510464	0.542968	-1.84173	0.000737125	0.244361	-4.0923	0.0258971	0.483436	-2.06853	0.00540908	0.365629	-2.73502	7.95075	9.51037	1.06325	1
cg03511806	0.261228	0.76254	-1.31141	0.257559	0.760807	-1.31439	0.0159173	0.505051	-1.98	0.145174	1.43616	1.43616	7.73061	6.55466	0.753674	1
cg10629165	0.00475647	0.522101	-1.91534	0.892281	1.02377	1.02377	0.13458	1.32271	1.32271	0.44396	1.14488	1.14488	7.10206	3.38055	0.423108	1
cg09728102	0.00694508	0.622552	-1.60629	0.764045	0.959976	-1.04169	0.141803	0.807081	-1.23903	0.00378118	1.69921	1.69921	5.91974	1.72611	0.259188	1
cg10810657	0.00330672	0.475195	-2.1044	0.112241	0.725019	-1.37927	0.409356	1.16988	1.16988	0.363571	0.840607	-1.18962	5.58589	3.05907	0.486793	1
cg17606548	0.580396	0.87904	-1.1376	0.00624428	0.439141	-2.27717	0.243511	0.754452	-1.32547	0.03366	0.563913	-1.77332	5.48304	4.62968	0.750545	1
cg07416291	0.0287226	0.326294	-3.06472	0.00593285	0.209692	-4.76889	0.335065	0.64951	-1.53962	0.0958869	0.452084	-2.21198	4.86441	14.5177	2.65287	1
cg20396510	0.447145	1.17372	1.17372	0.291741	1.25378	1.25378	0.570243	0.888154	-1.12593	0.499541	0.867881	-1.15223	4.32833	2.92992	0.601704	1
cg12568520	0.00742615	1.9633	1.9633	0.427619	1.1717	1.1717	0.0117309	0.540119	-1.85144	0.523884	0.881285	-1.13471	4.04904	2.45463	0.538867	1
cg26460816	0.198375	1.22823	1.22823	0.000173009	0.381184	-2.6234	0.404181	0.878895	-1.13779	0.512781	0.904486	-1.1056	5.80955	2.10446	0.321993	1
cg02651776	0.00842489	1.38976	1.38976	0.083836	1.20581	1.20581	0.631371	0.953813	-1.04842	0.0102873	0.728826	-1.37207	16.3979	2.48509	0.13471	1
cg21244397	0.419583	0.893819	-1.1188	0.104024	0.785108	-1.27371	0.437294	1.11389	1.11389	0.0202106	1.46407	1.46407	5.42309	1.59131	0.260829	1
cg11759194	0.104179	0.560744	-1.78335	0.00788456	0.329583	-3.03414	0.449307	0.777975	-1.28539	0.103652	0.560158	-1.78521	3.85347	5.75264	1.49285	1
cg27171509	0.837716	1.07807	1.07807	0.00428475	0.246485	-4.05704	0.0766034	0.485793	-2.05849	0.109064	0.527007	-1.89751	9.10681	19.3792	1.89155	1
cg19765377	0.0510971	0.500269	-1.99892	0.00209242	0.259316	-3.8563	0.00221644	0.26273	-3.80618	0.00966349	0.360278	-2.77564	8.15263	12.5499	1.36833	1
cg18292394	0.00166302	3.38532	3.38532	0.0184242	2.17073	2.17073	0.00534457	2.70367	2.70367	0.57812	1.16449	1.16449	5.28471	6.14994	1.03442	1
cg25726847	0.00234952	0.335569	-2.98002	0.317995	1.30408	1.30408	0.53293	0.850058	-1.17639	0.23923	0.72831	-1.37304	5.27061	5.52308	0.931468	1
cg19423196	0.0052114	2.83867	2.83867	0.000758966	4.23994	4.23994	0.00105879	3.93669	3.93669	0.591563	1.16567	1.16567	8.68751	11.0213	1.12768	1
cg19611045	0.539382	0.885894	-1.1288	0.000122262	0.270517	-3.69663	0.194579	0.76525	-1.30676	0.187465	1.31309	1.31309	7.96487	4.79572	0.535209	1
cg10075284	0.000825219	0.574317	-1.7412	0.0566544	0.788579	-1.2681	0.505842	0.928373	-1.07715	0.0229439	1.34924	1.34924	6.47197	1.24237	0.170633	1
cg09363733	0.30321	0.760071	-1.31567	0.0751423	0.600626	-1.66493	0.171917	1.45367	1.45367	0.211019	0.712472	-1.40356	4.26627	4.47157	0.931665	1
cg03059048	0.454192	0.635347	-1.57394	0.0643311	0.290374	-3.44383	0.413604	0.608191	-1.64422	0.387331	0.590269	-1.69414	8.94623	50.1531	4.98317	1
cg17334359	0.0145115	2.10205	2.10205	0.362162	0.793686	-1.25994	0.0651365	1.6667	1.6667	0.242821	1.35193	1.35193	6.48976	6.25543	0.856793	1
cg16463745	0.696006	0.807237	-1.23879	0.25461	0.522721	-1.91307	0.738082	0.832749	-1.20084	0.933509	1.04656	1.04656	5.61202	26.4347	4.187	1
cg12910830	0.749863	0.921917	-1.0847	0.254952	0.739264	-1.3527	0.281881	0.752585	-1.32875	0.506261	0.842476	-1.18698	4.26231	4.36099	0.909469	1
cg07217350	0.068387	0.707399	-1.41363	0.000185945	0.342793	-2.91721	0.00126638	0.450198	-2.22124	0.00390367	0.517305	-1.9331	13.469	6.13982	0.4052	1
cg18333662	0.361445	1.16757	1.16757	0.909717	1.01891	1.01891	0.279361	1.20409	1.20409	0.792121	1.04459	1.04459	7.00013	3.02355	0.383936	1
cg14447399	0.106694	0.815327	-1.2265	0.305435	0.884259	-1.13089	0.00728213	1.49361	1.49361	0.0796381	1.25293	1.25293	5.78782	1.23159	0.189147	1
cg23331220	0.0132907	0.542492	-1.84334	0.00664274	0.495474	-2.01827	0.0906173	0.689581	-1.45016	0.800771	0.950841	-1.0517	3.81045	2.39839	0.559489	1
cg22606736	0.00486022	3.99293	3.99293	0.0319539	2.53946	2.53946	0.0160974	2.98029	2.98029	0.047845	2.31378	2.31378	4.75106	10.3452	1.93551	1
cg26340968	0.0331242	0.150058	-6.66408	0.0405571	0.165162	-6.05466	0.0161364	0.106316	-9.40597	0.0612666	0.200744	-4.98148	4.12385	37.8669	8.16216	1
cg22818306	7.80E-06	0.338143	-2.95733	1.45E-06	0.258115	-3.87424	0.053108	1.27515	1.27515	0.000119719	0.475269	-2.10407	37.8237	7.32805	0.172215	1
cg10132874	0.00194081	0.440034	-2.27255	0.409914	1.17092	1.17092	2.00E-06	0.111042	-9.00561	0.00333329	0.473264	-2.11299	32.9321	18.2844	0.493524	1
cg27083614	0.226433	1.26224	1.26224	7.06E-06	0.161745	-6.18256	0.558103	1.11472	1.11472	0.0453669	0.656449	-1.52335	18.8138	10.0189	0.473358	1
cg17845532	0.07396	0.497051	-2.01187	0.000184762	0.108913	-9.18164	0.0202777	2.67077	2.67077	0.00550531	0.277788	-3.59987	15.5069	30.2603	1.73458	1
cg03301579	0.0688949	0.39465	-2.53389	0.000448547	0.0798097	-12.5298	0.246587	0.575008	-1.73911	0.264238	0.587743	-1.70142	8.41101	27.7855	2.93641	1
cg07752026	0.505312	0.889962	-1.12364	0.0144467	0.594607	-1.68178	0.000153581	3.06191	3.06191	0.740301	1.05904	1.05904	6.96139	3.27935	0.418735	1
cg13387994	0.0338197	0.438036	-2.28292	0.00148709	0.217313	-4.60166	0.0025061	0.246958	-4.04928	0.0229162	0.403911	-2.47579	6.17678	10.8547	1.56209	1
cg11326255	0.472995	0.563037	-1.77608	0.194606	0.339653	-2.94418	0.00292537	24.9553	24.9553	0.378693	0.491266	-2.03556	4.41395	43.2968	8.71918	1
cg17429382	0.394682	0.629784	-1.58785	?	?	?	0.0207249	4.55365	4.55365	0.425624	0.649661	-1.53926	5.64979	21.7441	3.36758	1
cg03736085	0.559271	1.23994	1.23994	0.0194949	0.357586	-2.79653	0.338678	0.698231	-1.43219	0.357269	0.708341	-1.41175	10.4522	21.9594	1.86751	1
cg20799514	0.929404	0.985431	-1.01478	0.67654	1.07196	1.07196	0.171771	1.27245	1.27245	0.000429474	2.51661	2.51661	7.61816	3.3099	0.3862	1
cg17461278	0.0330239	0.723182	-1.38278	0.0398163	0.734208	-1.36201	0.0350375	0.726657	-1.37617	0.867212	1.02199	1.02199	6.7902	1.81765	0.237945	1
cg22123309	0.0906833	0.740526	-1.35039	0.0283394	0.658924	-1.51763	0.662439	1.07336	1.07336	0.153377	0.781623	-1.27939	4.40259	1.81105	0.365653	1
cg02396888	0.0539897	0.328274	-3.04624	?	?	?	0.616054	0.788731	-1.26786	0.00146509	0.0604529	-16.5418	6.76691	19.0583	1.76024	1
cg16925659	0.0179482	0.58892	-1.69802	0.0680063	1.45686	1.45686	0.0553252	0.670379	-1.49169	0.522768	0.887589	-1.12665	4.25169	2.28234	0.477162	1
cg26424967	0.879553	0.969957	-1.03097	0.123987	1.39808	1.39808	0.480694	0.865719	-1.15511	0.435054	0.851968	-1.17375	3.71549	2.38115	0.569662	1
cg14183455	0.225128	0.751619	-1.33046	0.00134452	2.8407	2.8407	0.0817249	1.54088	1.54088	0.622456	1.11765	1.11765	3.60816	2.87028	0.707108	1
cg01928910	0.334731	0.72587	-1.37766	0.48551	0.795931	-1.25639	0.48592	0.796107	-1.25611	0.053962	0.494331	-2.02293	3.49568	5.74207	1.4601	1
cg24875288	0.462681	0.784499	-1.2747	0.286288	0.698025	-1.43261	0.00465485	0.294686	-3.39345	0.028903	0.433303	-2.30786	3.41419	5.69921	1.48379	1
cg24531825	0.823293	1.04381	1.04381	0.976414	1.00568	1.00568	0.284381	0.807989	-1.23764	0.416093	1.17275	1.17275	3.9654	2.30843	0.517461	1
cg03489969	0.0620839	0.64826	-1.54259	0.000116315	0.222051	-4.50347	0.533683	0.879917	-1.13647	0.00618741	0.469994	-2.12768	13.3896	8.51705	0.494741	1
cg16129200	0.0765187	0.647599	-1.54417	0.0145592	0.514995	-1.94177	0.0117983	2.0006	2.0006	0.269084	0.775839	-1.28893	8.56042	6.59275	0.684572	1
cg14088921	0.0483267	0.360051	-2.77738	0.00172323	0.132016	-7.57487	0.00527992	0.189188	-5.28576	0.000897045	0.105314	-9.49543	7.20458	23.3901	2.88584	1
cg07333924	0.778064	0.927626	-1.07802	0.573979	0.859819	-1.16304	0.150524	1.50638	1.50638	0.676375	0.894391	-1.11808	5.94133	6.65189	0.995197	1
cg03696944	0.204557	1.26137	1.26137	0.0633815	1.43635	1.43635	0.303704	1.20294	1.20294	0.416399	0.865833	-1.15496	4.42361	2.10765	0.423515	1
cg12861602	0.105043	1.80048	1.80048	0.0115236	0.350257	-2.85505	0.371413	0.737348	-1.35621	0.00907779	0.332622	-3.00642	4.3223	7.54538	1.55172	1
cg09093931	0.384972	1.36617	1.36617	0.0953581	1.89998	1.89998	0.370787	1.37979	1.37979	0.323766	1.42902	1.42902	3.85504	7.49182	1.72745	1
cg25899051	0.0480964	1.36578	1.36578	0.896321	0.982171	-1.01815	0.973504	1.00459	1.00459	0.791299	1.03727	1.03727	3.75613	1.13263	0.268038	1
cg21772191	0.217873	1.3521	1.3521	0.216508	1.35344	1.35344	0.744303	0.926663	-1.07914	0.794654	0.941104	-1.06258	3.73726	3.20568	0.762455	1
cg27628089	0.0941507	0.608598	-1.64312	0.391119	1.26758	1.26758	0.020647	2.12148	2.12148	0.795791	0.932409	-1.07249	3.64814	4.2071	1.02508	1
cg16103712	0.366521	0.499359	-2.00257	0.0454073	0.179454	-5.57246	0.0210079	0.125154	-7.99013	0.0154563	0.108177	-9.24412	3.57458	31.722	7.88829	1
cg19935471	0.815228	0.945158	-1.05802	0.189636	1.3976	1.3976	0.829096	1.05347	1.05347	0.0519607	0.586974	-1.70365	3.40798	3.13351	0.817299	1
cg03293015	0.0122242	1.18209	1.18209	0.00135669	0.779372	-1.28308	0.785525	1.01472	1.01472	9.98E-06	1.66237	1.66237	22.3625	1.017	0.0404247	1
cg12299199	0.62148	1.07391	1.07391	0.0387254	0.709663	-1.40912	0.274386	1.17697	1.17697	0.520461	1.09782	1.09782	8.95896	2.91263	0.288985	1
cg01931792	0.0794299	1.70462	1.70462	0.0504559	1.84176	1.84176	0.115377	1.59824	1.59824	0.649093	1.13371	1.13371	8.21626	9.76485	1.05643	1
cg00261781	0.00142117	0.0475078	-21.0492	0.385077	1.66944	1.66944	0.213483	2.14109	2.14109	0.547189	1.41755	1.41755	11.2269	42.8446	3.27108	1
cg24416238	0.0211276	1.88251	1.88251	0.225857	1.33665	1.33665	0.20697	1.35478	1.35478	0.714705	1.08737	1.08737	6.83559	5.63534	0.73281	1
cg17427096	0.155953	1.12411	1.12411	0.803984	1.01935	1.01935	0.788986	0.979539	-1.02089	0.153175	0.888793	-1.12512	6.53996	0.615252	0.083623	1
cg10334703	0.027832	0.397597	-2.51511	0.148416	0.576974	-1.73318	0.00284072	0.232768	-4.29613	0.0413585	0.433976	-2.30428	6.30816	12.5754	1.77201	1
cg14771954	0.0663513	0.666289	-1.50085	0.00175405	0.415101	-2.40905	0.729894	1.07073	1.07073	0.43442	0.85448	-1.1703	4.10594	2.52827	0.547342	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09218354	MATN3	0.0392939	0.342128	1.34107	1.34107	0.10977	1.68659	1.68659	0.73547	1.10702	1.10702	0.225151	0.682521	-1.46516	0.0267103	0.455132	-2.19717
cg18705408	MATN3	0.0447042	0.981021	1.00879	1.00879	0.00288723	4.51168	4.51168	0.0453717	0.429951	-2.32585	0.337463	1.43856	1.43856	0.42995	0.743587	-1.34483
cg21177096	MATN3;MATN3	0.028433	0.48287	0.904784	-1.10524	0.00255854	1.79854	1.79854	0.426333	1.12071	1.12071	0.241614	0.842005	-1.18764	0.394623	1.13013	1.13013
cg10713431	MATN4;MATN4;MATN4	0.000421626	0.0125273	2.35574	2.35574	0.00232344	3.23277	3.23277	0.827024	0.941411	-1.06223	0.0257479	2.0764	2.0764	0.00130781	3.63638	3.63638
cg03611590	MATN4;MATN4;MATN4	0.00246741	0.374048	1.1756	1.1756	0.00110948	2.34445	2.34445	0.0301855	1.57135	1.57135	0.657894	1.08222	1.08222	0.000522681	0.383349	-2.60859
cg07063463	MATN4;MATN4;MATN4	0.0036316	0.0526503	2.04901	2.04901	0.000900744	5.04176	5.04176	0.171534	1.60641	1.60641	0.0566792	2.01868	2.01868	0.010222	2.87005	2.87005
cg20747455	MATN4;MATN4;MATN4	0.0081225	0.199364	1.41441	1.41441	0.10408	1.57521	1.57521	0.613936	1.1389	1.1389	0.368969	1.26609	1.26609	0.0160413	2.12468	2.12468
cg00493554	MATN4;MATN4;MATN4	0.0104773	0.0524807	1.42813	1.42813	0.00206633	2.01611	2.01611	0.0152951	1.61811	1.61811	0.878072	1.02512	1.02512	0.284397	0.8355	-1.19689
cg01268752	MATN4;MATN4;MATN4	0.0272712	0.451164	1.09342	1.09342	0.0475099	1.30174	1.30174	0.0806064	0.798176	-1.25286	0.585821	1.0661	1.0661	0.0239401	1.36808	1.36808
cg14448104	MATN4;MATN4;MATN4	0.0386134	0.874447	0.955773	-1.04627	0.000569352	4.60316	4.60316	0.880874	1.04383	1.04383	0.663176	1.13356	1.13356	0.856286	0.949463	-1.05323
cg07534843	MATN4;MATN4;MATN4;RBPJL	0.00173033	0.0188586	4.26355	4.26355	0.0044373	6.92671	6.92671	0.0976172	2.52581	2.52581	0.104784	2.46886	2.46886	0.012025	4.93736	4.93736
cg16837441	MATN4;MATN4;MATN4;RBPJL	0.0053364	0.0249864	5.67236	5.67236	0.0170121	6.64286	6.64286	0.0980985	3.25664	3.25664	0.095398	3.29412	3.29412	0.0204106	6.16223	6.16223
cg15243856	MATN4;MATN4;RBPJL;MATN4	0.0014099	0.0243327	3.24914	3.24914	0.00865876	4.34653	4.34653	0.246994	1.70148	1.70148	0.16351	1.92114	1.92114	0.0111237	4.04496	4.04496
cg14915878	MATN4;MATN4;RBPJL;MATN4	0.00411944	0.023159	3.06109	3.06109	0.0316234	2.82472	2.82472	0.792988	1.11447	1.11447	0.3385	1.50166	1.50166	0.0134994	3.52565	3.52565
cg27227742	MATN4;MATN4;RBPJL;MATN4	0.00612264	0.0283465	3.87312	3.87312	0.00948011	5.58277	5.58277	0.0917896	2.64098	2.64098	0.109501	2.4915	2.4915	0.0306542	3.77532	3.77532
cg14921939	MATN4;MATN4;RBPJL;MATN4	0.00615109	0.0359233	3.25791	3.25791	0.0293272	3.46354	3.46354	0.289758	1.70194	1.70194	0.211976	1.88947	1.88947	0.014692	4.27829	4.27829
cg08654443	MATN4;MATN4;RBPJL;MATN4	0.0160307	?	?	?	0.0252948	4.70119	4.70119	0.112518	2.73325	2.73325	0.108616	2.7691	2.7691	0.0253743	4.69582	4.69582
cg21835643	MATN4;MATN4;RBPJL;MATN4	0.0169052	0.0421122	6.45046	6.45046	0.0275706	7.95841	7.95841	0.0234275	8.63232	8.63232	0.067325	5.11445	5.11445	0.0284011	7.84169	7.84169
cg00028844	MATN4;RBPJL;MATN4;MATN4	0.000687669	0.000588814	0.456934	-2.1885	0.702762	0.945014	-1.05819	0.00166612	0.515096	-1.94139	0.114015	1.28867	1.28867	0.00689502	0.596937	-1.67522
cg21745307	MATN4;RBPJL;MATN4;MATN4	0.00579926	0.63504	1.09141	1.09141	0.894894	0.97611	-1.02447	0.323923	0.829973	-1.20486	0.782738	1.05187	1.05187	0.0201167	0.598771	-1.67009
cg27176129	MATN4;RBPJL;MATN4;MATN4	0.0102632	0.491686	1.21239	1.21239	0.00346102	2.98775	2.98775	0.0317615	2.00197	2.00197	0.00633765	2.66465	2.66465	0.597098	0.863209	-1.15847
cg22946979	MATR3	0.00792988	0.00794342	0.651295	-1.5354	0.176232	1.19859	1.19859	0.000799743	0.528473	-1.89224	0.294156	1.14692	1.14692	0.0452191	0.748679	-1.33569
cg17668981	MATR3	0.0368416	0.0320937	0.276453	-3.61725	0.0113219	0.197101	-5.07353	0.00507871	0.150052	-6.66437	0.41018	0.649664	-1.53926	0.272036	0.556829	-1.79588
cg17465930	MATR3;MATR3	6.01E-05	0.00032855	0.369491	-2.70643	0.0487139	1.43894	1.43894	4.74E-06	6.78609	6.78609	?	?	?	0.285661	1.19311	1.19311
cg14717906	MATR3;MATR3	0.00576151	0.00271702	0.260988	-3.8316	0.999463	1.00022	1.00022	0.683016	1.14248	1.14248	0.154734	0.610111	-1.63905	0.00443637	0.291793	-3.42709
cg11487037	MATR3;MATR3	0.00602643	0.00739379	0.337658	-2.96158	0.0200262	0.413566	-2.41799	0.0800939	1.84205	1.84205	0.389754	1.31953	1.31953	0.0010246	0.216264	-4.62398
cg13649383	MATR3;MATR3	0.00984411	0.147389	1.32051	1.32051	0.204485	0.787057	-1.27056	0.124552	0.742756	-1.34634	0.126195	1.34432	1.34432	0.582848	1.10428	1.10428
cg16209364	MATR3;MATR3	0.0175735	0.0412295	0.268968	-3.71791	0.0643571	3.18644	3.18644	0.0435422	3.64829	3.64829	0.154425	2.33976	2.33976	0.0280384	0.235248	-4.25083
cg11950438	MATR3;MATR3	0.0212392	0.326422	1.32581	1.32581	0.0430265	0.523034	-1.91192	0.948487	0.982176	-1.01815	0.0373605	1.9592	1.9592	0.00587902	0.366634	-2.72751
cg25637963	MATR3;MATR3	0.046377	0.165488	0.609104	-1.64175	0.185638	0.624758	-1.60062	0.762406	1.10697	1.10697	0.935262	1.0276	1.0276	0.0131884	0.357053	-2.80071
cg01558307	MAVS	5.29E-06	0.00104581	0.398072	-2.51211	0.0591875	1.49851	1.49851	0.122925	0.728088	-1.37346	0.616843	0.908667	-1.10051	6.91E-08	0.032027	-31.2236
cg15726785	MAVS	3.49E-05	0.00196209	1.38303	1.38303	0.00305488	1.35069	1.35069	0.00288152	0.738088	-1.35485	0.140677	0.889207	-1.1246	5.41E-05	0.572548	-1.74658
cg24054460	MAVS	0.000306991	0.752428	0.972845	-1.02791	0.0539731	0.826699	-1.20963	0.00475523	1.38562	1.38562	0.00758544	0.741738	-1.34818	0.863413	1.01509	1.01509
cg02979741	MAVS	0.00364548	?	?	?	0.00873696	2.96271	2.96271	0.0585674	1.88851	1.88851	0.393676	0.784291	-1.27504	0.062867	0.53749	-1.8605
cg26042725	MAVS	0.00926814	0.0137074	0.809033	-1.23604	0.00251786	0.747012	-1.33867	0.00154996	0.728741	-1.37223	0.0707233	0.869005	-1.15074	0.962858	0.996768	-1.00324
cg26396452	MAX;MAX;MAX;MAX	0.0298319	0.773366	1.0641	1.0641	0.674338	1.0952	1.0952	0.0263639	0.567413	-1.76238	0.0144896	0.523001	-1.91204	0.00976738	0.495059	-2.01996
cg01643441	MAX;MAX;MAX;MAX;MAX;MAX	6.13E-06	1.29E-06	0.254007	-3.93691	0.00187404	0.614993	-1.62603	6.87E-05	0.448344	-2.23043	6.38E-05	0.444599	-2.24922	1.93E-06	0.272681	-3.66729
cg23173466	MAX;MAX;MAX;MAX;MAX;MAX	0.000823071	0.00690067	0.39135	-2.55526	0.572549	1.16529	1.16529	0.0648125	0.573307	-1.74427	0.000490301	0.231083	-4.32745	0.0697655	0.580404	-1.72294
cg08737421	MAX;MAX;MAX;MAX;MAX;MAX	0.00276185	0.4138	0.897326	-1.11442	0.367336	0.886846	-1.12759	0.0115892	1.50574	1.50574	0.25674	0.857701	-1.16591	0.174071	1.20624	1.20624
cg20040285	MAX;MAX;MAX;MAX;MAX;MAX	0.00830876	0.220908	1.3838	1.3838	0.0663736	1.70333	1.70333	0.563388	0.864695	-1.15648	0.0144732	2.2452	2.2452	0.020643	0.476454	-2.09884
cg27079563	MAX;MAX;MAX;MAX;MAX;MAX	0.00838405	0.0324399	0.599908	-1.66692	0.0849273	0.677899	-1.47515	0.00598154	0.480366	-2.08175	0.0365022	0.60897	-1.64212	0.111499	0.702061	-1.42438
cg04318212	MAX;MAX;MAX;MAX;MAX;MAX	0.0314082	0.201615	0.802832	-1.24559	0.346278	0.853885	-1.17112	0.0822805	0.730892	-1.36819	0.0114075	0.597087	-1.6748	0.171251	1.26775	1.26775
cg00564759	MAZ;MAZ	6.94E-06	0.526784	1.03197	1.03197	0.000358407	1.3245	1.3245	0.103881	0.916428	-1.09119	0.283499	0.946784	-1.05621	0.847546	0.990599	-1.00949
cg27338089	MAZ;MAZ	0.00183669	0.0350212	0.487594	-2.05089	0.00112484	4.06392	4.06392	0.000830452	4.35593	4.35593	0.0479084	1.93737	1.93737	0.00318209	0.307912	-3.24768
cg07531158	MAZ;MAZ	0.0176802	0.396311	1.10288	1.10288	0.000964171	1.74031	1.74031	0.0192715	1.37594	1.37594	0.0868251	1.23764	1.23764	0.267641	1.13904	1.13904
cg26184919	MAZ;MAZ;MAZ;MAZ	0.0269618	0.0804939	0.833177	-1.20022	0.687756	1.03877	1.03877	0.251814	0.893415	-1.1193	0.978649	1.00252	1.00252	0.779414	1.02679	1.02679
cg07009002	MB	0.0247323	0.167724	0.585998	-1.70649	0.581981	0.817028	-1.22395	0.215308	0.622476	-1.60649	0.0762297	0.488215	-2.04828	0.00049355	0.137675	-7.26349
cg24820809	MB;MB	0.0482792	0.422014	0.7368	-1.35722	0.287009	1.50939	1.50939	0.974961	0.98838	-1.01176	0.90093	1.04747	1.04747	0.166712	0.577498	-1.73161
cg12845756	MB;MB;MB	8.46E-05	0.00307568	0.568346	-1.75949	0.00167851	0.534566	-1.87068	0.0133412	0.652194	-1.53329	0.00015614	0.405535	-2.46588	9.67E-06	0.264983	-3.77383
cg15161225	MB;MB;MB	0.000340783	0.0254469	0.643049	-1.55509	0.0185837	0.622218	-1.60715	0.00334141	0.51479	-1.94254	0.00101344	0.444578	-2.24932	5.25E-05	0.284697	-3.5125
cg01945840	MB;MB;MB	0.00148259	0.0406624	2.21784	2.21784	0.391167	0.743708	-1.34461	0.0150263	0.36517	-2.73845	0.161571	0.604228	-1.655	6.59E-05	0.0848138	-11.7905
cg01815090	MB;MB;MB	0.00792808	0.795758	1.05681	1.05681	0.871919	1.03497	1.03497	0.00402199	0.439017	-2.27782	0.406177	0.834413	-1.19845	0.00120502	0.36415	-2.74612
cg19459056	MB;MB;MB	0.00861025	0.566304	0.92375	-1.08254	0.0933307	0.776828	-1.28729	0.298227	0.862841	-1.15896	0.632713	0.936248	-1.06809	0.526644	0.915971	-1.09174
cg24531396	MB;MB;MB	0.0371044	0.335519	0.725807	-1.37778	0.299071	0.706588	-1.41525	0.0288198	0.435238	-2.29759	0.140942	0.599896	-1.66696	0.0121532	0.364736	-2.74171
cg26954519	MB;MB;MB	0.0444524	0.024603	0.24553	-4.07283	0.0907418	0.376206	-2.65812	0.0812765	0.362817	-2.75621	0.0338878	0.272708	-3.66693	0.0146028	0.206449	-4.84382
cg02881369	MB;MB;MB;MB	0.0299996	0.380791	0.899586	-1.11162	0.751244	0.963257	-1.03814	0.517675	0.9257	-1.08026	0.707874	1.04531	1.04531	0.283121	0.876978	-1.14028
cg01719254	MBD1;MBD1;MBD1;MBD1;MBD1	0.0156227	0.394687	0.874106	-1.14403	0.0580601	0.71846	-1.39187	0.0279892	1.49287	1.49287	0.00862071	0.596318	-1.67696	0.289631	1.18488	1.18488
cg21282183	MBD1;MBD1;MBD1;MBD1;MBD1	0.0185577	0.0239901	2.03458	2.03458	0.859446	1.04786	1.04786	0.213114	1.4132	1.4132	0.176744	1.46049	1.46049	0.123812	1.55216	1.55216
cg13316061	MBD1;MBD1;MBD1;MBD1;MBD1	0.0195118	0.224408	1.62543	1.62543	0.465839	0.7539	-1.32644	0.0174916	0.332564	-3.00694	0.130501	1.86193	1.86193	0.0801281	0.477582	-2.09388
cg05549078	MBD1;MBD1;MBD1;MBD1;MBD1;MBD1;MBD1;MBD1;MBD1	0.0246478	0.0014209	0.426477	-2.34479	0.0804124	0.699092	-1.43043	0.257512	0.804029	-1.24374	0.735784	0.939397	-1.06451	0.0151774	0.576617	-1.73425
cg15090185	MBD2;MBD2	0.00450781	0.0405433	0.596196	-1.6773	0.00148898	0.367229	-2.7231	0.0307915	0.574281	-1.74131	0.935137	0.98236	-1.01796	0.000419468	0.294414	-3.39658
cg25192916	MBD2;MBD2	0.0101869	0.929422	1.01514	1.01514	0.00347378	0.510378	-1.95933	0.0200516	0.621411	-1.60924	0.240019	1.23196	1.23196	0.0292724	1.54569	1.54569
cg27209994	MBD2;MBD2	0.0333265	0.145626	0.700854	-1.42683	0.526267	0.864083	-1.1573	0.947591	1.01507	1.01507	0.106185	0.669375	-1.49393	0.757689	0.932018	-1.07294
cg24881765	MBD2;MBD2;MBD2;MBD2	6.84E-05	8.96E-07	0.0552715	-18.0925	0.645456	1.10839	1.10839	0.361956	0.812083	-1.2314	0.972179	1.00778	1.00778	0.307799	0.790969	-1.26427
cg23945382	MBD2;MBD2;SNORA37	0.00330115	0.765215	0.967871	-1.0332	0.221699	0.869312	-1.15033	0.00518557	0.668763	-1.4953	0.323736	1.11754	1.11754	0.00033388	0.532017	-1.87964
cg22358797	MBD2;SNORA37;MBD2	0.017797	0.81437	1.06413	1.06413	0.21216	1.41526	1.41526	0.0207744	2.08671	2.08671	0.0727011	0.5891	-1.6975	0.00125203	0.287796	-3.47468
cg09174855	MBD3	0.000935793	0.588665	1.11487	1.11487	0.71291	0.929037	-1.07638	0.192592	1.31609	1.31609	0.0140765	0.546803	-1.82881	2.77E-05	0.193081	-5.17918
cg06857928	MBD3	0.00343717	0.840393	0.965768	-1.03545	0.0292364	1.55853	1.55853	0.119178	1.33926	1.33926	0.460924	1.13845	1.13845	0.0212527	0.619828	-1.61335
cg02312594	MBD3	0.00395577	0.372625	1.14952	1.14952	0.130541	0.779909	-1.2822	0.182048	0.806035	-1.24064	0.84582	1.03008	1.03008	0.879224	0.977118	-1.02342
cg03569412	MBD3	0.00438162	0.121537	0.698434	-1.43177	0.0153924	1.8886	1.8886	0.00506314	2.20875	2.20875	0.000269528	3.58819	3.58819	0.85166	1.04084	1.04084
cg08660999	MBD3	0.00517065	0.153372	1.12569	1.12569	0.500171	0.948379	-1.05443	0.365872	0.930579	-1.0746	0.0003502	0.640803	-1.56054	0.0508662	1.188	1.188
cg14305641	MBD3	0.00585599	0.0259654	0.598138	-1.67186	0.270391	1.25	1.25	0.0310296	0.611235	-1.63603	0.210823	0.773861	-1.29222	0.247881	0.790654	-1.26477
cg22053620	MBD3	0.0094093	0.655379	0.939577	-1.06431	0.608053	1.07441	1.07441	0.115731	1.26772	1.26772	0.549256	1.08771	1.08771	0.000756983	2.03083	2.03083
cg26982998	MBD3	0.00982959	0.0396733	0.671146	-1.48999	0.229988	1.23508	1.23508	0.0112921	1.70221	1.70221	0.00464883	0.532024	-1.87962	0.22836	1.23608	1.23608
cg24140597	MBD3	0.0137551	0.258112	0.671466	-1.48928	0.658824	0.860725	-1.16181	0.00935213	3.04191	3.04191	0.240401	0.660426	-1.51417	0.0337839	0.433166	-2.30858
cg11435167	MBD3	0.0163751	0.695537	0.853744	-1.17131	0.0870101	2.13788	2.13788	0.582792	0.800083	-1.24987	0.144172	0.532184	-1.87905	0.00217554	0.177439	-5.63574
cg18885299	MBD3L1	1.07E-06	0.911763	0.99004	-1.01006	2.44E-05	0.468173	-2.13596	2.45E-06	0.35618	-2.80757	0.195727	0.883768	-1.13152	9.82E-07	0.3125	-3.2
cg15523060	MBD3L1	0.0151823	0.00553208	0.135337	-7.38899	0.063045	0.317565	-3.14896	0.0233801	0.226266	-4.41958	0.0571048	0.307026	-3.25705	0.0040612	0.12049	-8.29944
cg13727946	MBD3L1	0.0205563	0.00640123	0.263063	-3.80137	0.00695745	0.268644	-3.72239	0.158892	0.567324	-1.76266	0.198787	0.599797	-1.66723	0.0189292	0.343048	-2.91505
cg25489105	MBD4	0.0483053	0.0538253	0.307569	-3.25131	0.971511	0.980951	-1.01942	0.27272	0.540747	-1.84929	0.131852	0.416472	-2.40112	0.0120789	0.185371	-5.39458
cg25686162	MBD5	0.00134442	0.0432385	0.685346	-1.45912	0.0634937	0.712447	-1.40361	0.000185711	0.358582	-2.78876	0.428045	1.14051	1.14051	0.724456	0.944113	-1.0592
cg13908074	MBD5	0.00701829	0.12668	0.692588	-1.44386	0.106709	1.47934	1.47934	0.215422	0.748338	-1.3363	0.889291	1.03145	1.03145	0.000605707	0.308711	-3.23927
cg06758980	MBD5	0.0111223	0.913589	0.981081	-1.01928	0.792959	0.954769	-1.04737	0.453809	0.874354	-1.1437	0.0674735	1.43405	1.43405	0.00761141	0.546691	-1.82919
cg25619609	MBD5	0.0153625	0.963479	0.988359	-1.01178	0.00360333	0.365007	-2.73967	0.037728	0.539925	-1.85211	0.0792087	0.607528	-1.64602	0.362501	1.27043	1.27043
cg05758804	MBD6	0.0255179	0.193123	0.718379	-1.39202	0.269157	0.758524	-1.31835	0.190537	1.39503	1.39503	0.528595	0.857849	-1.16571	0.0106951	0.462765	-2.16092
cg19767052	MBD6	0.0314835	0.370327	0.784357	-1.27493	0.0764217	0.594272	-1.68273	0.831875	1.05774	1.05774	0.0887235	0.609118	-1.64172	0.256298	1.36731	1.36731
cg04036049	MBD6	0.0352342	0.422623	1.452	1.452	0.0586799	2.64429	2.64429	0.0803705	2.41849	2.41849	0.389841	0.669504	-1.49364	0.0106998	0.232072	-4.30901
cg14315430	MBD6;DDIT3	0.0037021	0.632036	0.75429	-1.32575	0.00200544	12.7872	12.7872	0.0166747	5.51896	5.51896	0.0102531	6.62749	6.62749	0.142866	0.39836	-2.51029
cg09687907	MBD6;DDIT3	0.00551755	0.15167	0.366886	-2.72564	0.000465189	36.3609	36.3609	0.0108537	8.06961	8.06961	0.0489857	4.33756	4.33756	0.810268	0.8547	-1.17
cg13812230	MBD6;DDIT3	0.00616884	0.133811	0.376995	-2.65256	0.00127657	17.0183	17.0183	0.00331387	11.1674	11.1674	0.0745237	3.31561	3.31561	0.145346	0.389319	-2.56859
cg19520710	MBD6;DDIT3	0.00897089	0.744049	0.847571	-1.17984	0.00414164	6.962	6.962	0.0352076	3.44964	3.44964	0.0229135	3.95057	3.95057	0.247293	0.543002	-1.84161
cg21443584	MBIP;MBIP	1.55E-05	0.916344	1.02261	1.02261	0.733618	0.929895	-1.07539	0.000103666	4.30972	4.30972	0.0437101	0.610583	-1.63778	0.0408302	0.605107	-1.6526
cg27656184	MBIP;MBIP	0.00044696	0.777579	0.940672	-1.06307	0.015817	0.528104	-1.89357	0.000575343	0.316394	-3.16062	0.132016	0.703926	-1.4206	0.205439	1.33442	1.33442
cg03516318	MBIP;MBIP	0.00096445	0.000601864	0.200789	-4.98035	0.148463	1.6004	1.6004	0.00587284	0.334908	-2.9859	0.15683	0.631633	-1.5832	0.00190484	0.263309	-3.79782
cg27057210	MBIP;MBIP;MBIP;MBIP	0.0414618	?	?	?	0.293921	0.467195	-2.14044	0.257768	2.28726	2.28726	0.334757	2.00155	2.00155	?	?	?
cg07726667	MBL1P	0.00307352	0.117535	0.632878	-1.58008	0.441158	1.23538	1.23538	0.200708	0.695097	-1.43865	0.833495	0.944923	-1.05829	0.460827	0.817049	-1.22392
cg18157838	MBL1P	0.00485358	0.175315	0.756806	-1.32134	0.934445	1.01603	1.01603	0.597932	0.902226	-1.10837	0.445746	0.860474	-1.16215	0.000207744	0.301066	-3.32153
cg02230650	MBL1P	0.00572489	0.429169	0.754792	-1.32487	0.00590648	3.509	3.509	0.0911258	0.522771	-1.91288	0.526336	0.799492	-1.25079	0.0464769	0.451648	-2.21412
cg27320518	MBL1P	0.0118144	0.068256	0.464127	-2.15458	0.633117	0.834592	-1.19819	0.0201513	0.348638	-2.86831	0.00680211	0.267547	-3.73766	0.0143604	0.321501	-3.11041
cg08780887	MBL2	4.68E-05	0.952689	0.992321	-1.00774	0.00109779	0.535052	-1.86898	0.0917376	0.785676	-1.27279	0.954251	0.992574	-1.00748	8.32E-07	0.180908	-5.52768
cg05759948	MBL2	0.0185203	0.69332	0.868755	-1.15107	0.0663152	2.07734	2.07734	0.279208	0.67075	-1.49087	0.063598	0.476957	-2.09663	0.00388643	0.251528	-3.9757
cg01685644	MBLAC1	0.0305995	0.376727	1.13878	1.13878	0.165454	0.809009	-1.23608	0.72896	1.0511	1.0511	0.0337572	1.42646	1.42646	0.0101832	0.628611	-1.59081
cg26425691	MBLAC1	0.0423707	0.145957	0.912053	-1.09643	0.105022	0.900804	-1.11012	0.0492345	0.87601	-1.14154	0.00167088	0.767127	-1.30357	0.370421	0.947201	-1.05574
cg24028459	MBLAC1	0.0441117	0.509035	0.937066	-1.06716	0.183335	0.871978	-1.14682	0.00945594	0.726783	-1.37593	0.0192079	0.759652	-1.31639	0.0441478	0.79901	-1.25155
cg08950287	MBLAC1	0.0474758	0.213507	0.593103	-1.68605	0.0353481	2.65716	2.65716	0.0709542	2.23566	2.23566	0.714238	1.15796	1.15796	0.517764	0.76989	-1.29889
cg15684210	MBLAC2	0.000176205	0.112932	1.2215	1.2215	3.23E-05	0.391602	-2.55362	0.000111169	0.454627	-2.1996	0.485779	1.0856	1.0856	0.00908281	1.46881	1.46881
cg02550218	MBLAC2	0.0197608	0.0752179	0.530179	-1.88616	0.019559	0.405051	-2.46882	0.740441	0.898988	-1.11236	0.417511	1.30394	1.30394	0.369199	0.744229	-1.34367
cg23528168	MBLAC2;MBLAC2;POLR3G	0.00786847	0.223991	1.14157	1.14157	0.0492044	1.26198	1.26198	0.00650546	1.44274	1.44274	0.731293	0.964903	-1.03637	0.509929	1.07173	1.07173
cg06614563	MBLAC2;MBLAC2;POLR3G	0.023215	0.613298	0.94029	-1.0635	0.985326	0.997781	-1.00222	0.128653	0.820045	-1.21945	0.605828	0.939048	-1.06491	0.066208	0.779628	-1.28266
cg02348116	MBLAC2;POLR3G;POLR3G	0.0433741	?	?	?	0.333098	0.674758	-1.48201	0.542407	1.27293	1.27293	0.113606	0.500611	-1.99756	?	?	?
cg05840750	MBNL1;LOC401093;LOC401093;MBNL1	0.0302268	0.0422107	0.699149	-1.43031	0.967294	0.993749	-1.00629	0.0423488	1.42987	1.42987	0.411559	0.879496	-1.13701	0.045827	0.704629	-1.41919
cg15664462	MBNL1;MBNL1	0.00390259	0.031256	0.487472	-2.0514	0.00427817	0.337376	-2.96405	0.00209583	0.292133	-3.42309	0.0914152	1.6964	1.6964	0.00317325	0.31795	-3.14515
cg14423778	MBNL1;MBNL1;LOC401093;LOC401093	0.00170937	0.621552	0.861086	-1.16132	0.549155	0.833452	-1.19983	0.00142959	0.250013	-3.99979	0.219225	1.47454	1.47454	0.000210924	0.155343	-6.43735
cg00661523	MBNL1;MBNL1;LOC401093;LOC401093	0.00482518	0.669474	1.1489	1.1489	0.00891658	2.93164	2.93164	0.0584259	0.500962	-1.99616	0.276	1.44239	1.44239	0.00192553	0.241919	-4.13361
cg12360736	MBNL1;MBNL1;LOC401093;MBNL1;LOC401093;MBNL1	0.000123366	0.0155643	0.433743	-2.30552	0.000891659	0.246324	-4.05969	0.000171596	0.165665	-6.03629	0.926992	0.974525	-1.02614	1.09E-05	0.0714107	-14.0035
cg21588307	MBNL1;MBNL1;LOC401093;MBNL1;LOC401093;MBNL1	0.032054	0.00955146	0.49576	-2.01711	0.130727	1.41748	1.41748	0.149902	1.39098	1.39098	0.245666	0.771376	-1.29639	0.0169546	0.536576	-1.86367
cg00085438	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.00586815	0.195808	0.701172	-1.42618	0.0270346	1.97259	1.97259	0.112929	1.56477	1.56477	0.174859	1.45422	1.45422	0.0293217	0.513673	-1.94676
cg08522831	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.00704451	0.226382	0.828968	-1.20632	0.183852	0.812047	-1.23146	0.0597097	0.730686	-1.36858	0.0515079	1.38725	1.38725	0.000613066	0.458783	-2.17968
cg25491265	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.00727348	0.00511533	0.383205	-2.60957	0.615371	0.876902	-1.14038	0.0726898	0.594984	-1.68072	0.340231	0.77502	-1.29029	0.00180522	0.316402	-3.16054
cg01703355	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.0177297	0.86378	0.976466	-1.0241	0.018613	1.48537	1.48537	0.0678058	0.752976	-1.32806	0.0734801	1.31887	1.31887	0.0326583	1.4144	1.4144
cg13264394	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.0299725	0.132285	0.527106	-1.89715	0.621365	0.821789	-1.21686	0.914725	0.958653	-1.04313	0.786977	1.11269	1.11269	0.000875134	0.139806	-7.15279
cg10639811	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.0494948	0.0243257	0.373533	-2.67714	0.685334	0.861175	-1.1612	0.0440114	0.427805	-2.33751	0.586926	1.22295	1.22295	0.0546056	0.449351	-2.22543
cg25342059	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.0495333	0.00700995	0.310316	-3.22252	0.541149	0.812519	-1.23074	0.178378	0.618851	-1.6159	0.365207	0.731796	-1.3665	0.143059	0.589647	-1.69593
cg05796845	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;TMEM14E	0.0091714	0.0385432	0.461191	-2.1683	0.00404105	0.287417	-3.47927	0.0244338	0.420703	-2.37698	0.0203892	0.405506	-2.46605	0.00123473	0.217559	-4.59645
cg07305506	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;TMEM14E;MBNL1;MBNL1	0.0335247	0.434146	0.844482	-1.18416	0.439306	0.846144	-1.18183	0.266937	0.782727	-1.27759	0.962397	1.01004	1.01004	0.0516438	0.625538	-1.59862

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09218354	0.703359	0.891625	-1.12155	0.957228	0.984048	-1.01621	0.13504	0.616898	-1.62101	0.00368004	0.308146	-3.24521	3.70735	5.27836	1.26556	1
cg18705408	0.787295	0.905332	-1.10457	0.116705	0.534309	-1.87158	0.668473	1.17166	1.17166	0.824627	0.921627	-1.08504	3.53424	7.56927	1.90373	1
cg21177096	0.0240774	0.685583	-1.45861	0.128626	0.794195	-1.25914	0.383708	1.13351	1.13351	0.812515	1.0339	1.0339	4.16519	1.29859	0.277131	1
cg10713431	0.0407591	1.91863	1.91863	9.30E-06	14.0346	14.0346	0.00627433	2.67075	2.67075	0.0528684	1.83501	1.83501	14.981	18.0579	1.07146	1
cg03611590	0.453295	1.14506	1.14506	0.023806	1.61332	1.61332	0.0367265	1.53767	1.53767	0.946241	0.988115	-1.01203	9.06698	4.5143	0.442563	1
cg07063463	0.0411815	2.15338	2.15338	0.000286162	6.87933	6.87933	0.00509816	3.33765	3.33765	0.0792423	1.88602	1.88602	8.08393	13.5756	1.49274	1
cg20747455	0.077409	1.65194	1.65194	0.000479942	4.05882	4.05882	0.00282838	2.8616	2.8616	0.0118524	2.23294	2.23294	6.31387	6.53783	0.920419	1
cg00493554	0.01522	1.61893	1.61893	0.00322979	1.91429	1.91429	0.33156	1.17575	1.17575	0.861064	1.02872	1.02872	5.82298	2.4089	0.367723	1
cg01268752	0.103069	1.23054	1.23054	0.00480882	1.54532	1.54532	0.177211	0.84633	-1.18157	0.453985	1.09279	1.09279	4.22681	0.905962	0.190522	1
cg14448104	0.884206	0.959169	-1.04257	0.458365	0.805732	-1.24111	0.565016	1.18104	1.18104	0.376936	1.2961	1.2961	3.73119	4.8357	1.15202	1
cg07534843	0.017982	4.32965	4.32965	6.15E-05	43.296	43.296	0.00181607	9.58369	9.58369	0.0166324	4.4405	4.4405	10.0562	41.3906	3.65862	1
cg16837441	0.0409731	4.64064	4.64064	0.000334564	43.1639	43.1639	0.0025819	15.1513	15.1513	0.0103127	8.19205	8.19205	7.19388	48.2438	5.96109	1
cg15243856	0.0187586	3.49179	3.49179	4.86E-05	28.623	28.623	0.00106144	8.37306	8.37306	0.00934214	4.25232	4.25232	10.6679	32.5711	2.71394	1
cg14915878	0.0142595	3.47493	3.47493	0.000278759	11.5892	11.5892	0.00134547	6.8174	6.8174	0.0629084	2.36844	2.36844	7.7831	20.9322	2.39062	1
cg27227742	0.0348199	3.62167	3.62167	0.000350243	20.212	20.212	0.00355305	7.90023	7.90023	0.0211335	4.26525	4.26525	6.89592	29.8925	3.85317	1
cg14921939	0.022139	3.77203	3.77203	0.000229084	19.3387	19.3387	0.00709342	5.38461	5.38461	0.0320613	3.37155	3.37155	6.88605	25.5431	3.29725	1
cg08654443	0.0395327	3.99758	3.99758	0.00350966	10.0172	10.0172	0.00750244	7.41026	7.41026	0.0152144	5.66889	5.66889	5.16305	24.6195	4.7684	1
cg21835643	0.0501814	5.915	5.915	0.00181186	34.1463	34.1463	0.0138605	11.2542	11.2542	0.0224914	8.81036	8.81036	4.97879	49.972	8.92176	1
cg00028844	0.0161033	1.54404	1.54404	0.00209582	1.89353	1.89353	0.0189246	1.52086	1.52086	0.558573	1.09118	1.09118	13.0759	4.50625	0.306332	1
cg21745307	0.0244258	0.612309	-1.63316	0.0130515	1.75652	1.75652	0.00111458	2.40715	2.40715	0.0622555	0.68117	-1.46806	7.01236	3.71643	0.471096	1
cg27176129	0.0195751	0.459373	-2.17688	0.0603301	1.79349	1.79349	0.875606	1.04415	1.04415	0.0653024	1.76929	1.76929	5.86166	7.05942	1.07052	1
cg22946979	0.0378071	0.738261	-1.35454	0.968618	0.995056	-1.00497	0.0879258	0.78878	-1.26778	0.0382238	0.738895	-1.35337	6.36174	1.59921	0.223448	1
cg17668981	0.161158	0.464699	-2.15193	0.0109282	0.194796	-5.13358	0.146479	0.450153	-2.22147	0.167546	0.470792	-2.12408	3.79579	15.765	3.69181	1
cg17465930	0.194927	0.803388	-1.24473	0.0149471	1.63179	1.63179	0.200011	0.805633	-1.24126	0.000363491	2.66254	2.66254	34.5119	11.9188	0.302183	1
cg14717906	0.92132	0.968457	-1.03257	0.00311089	0.269266	-3.71379	0.0551467	2.02459	2.02459	0.0135746	0.371256	-2.69356	7.02648	11.7127	1.48172	1
cg11487037	0.619949	1.17032	1.17032	0.0172413	0.401402	-2.49127	0.427187	0.774879	-1.29052	0.0320282	0.453722	-2.20399	6.92975	10.8626	1.39336	1
cg13649383	0.231389	1.25169	1.25169	0.00031094	2.84655	2.84655	0.234716	0.800318	-1.2495	0.784893	0.952249	-1.05015	5.94038	3.00887	0.450232	1
cg16209364	0.66107	1.27893	1.27893	0.0114074	0.171054	-5.84611	0.18732	2.17997	2.17997	0.328699	0.569971	-1.75448	4.91455	24.2044	4.37782	1
cg11950438	0.0655321	1.77775	1.77775	0.0647319	0.561312	-1.78154	0.50268	1.20847	1.20847	0.280929	0.732014	-1.36609	4.60916	5.65615	1.0908	1
cg25637963	0.171068	0.613562	-1.62983	0.00270551	0.249386	-4.00984	0.0875895	0.531519	-1.8814	0.502819	0.79619	-1.25598	3.48588	6.20168	1.58141	1
cg01558307	0.00852179	0.528661	-1.89157	0.000215017	0.309441	-3.23164	0.0237812	1.66915	1.66915	0.188293	0.767446	-1.30302	47.8366	27.3123	0.507511	1
cg15726785	0.0378054	1.1954	1.1954	5.34E-06	0.46584	-2.14666	0.271168	1.08859	1.08859	0.1081	1.13871	1.13871	29.2709	2.54522	0.0772924	1
cg24054460	0.0556101	1.20768	1.20768	1.26E-05	0.449393	-2.22522	0.98454	0.998316	-1.00169	0.028205	1.25287	1.25287	16.3467	1.95948	0.106551	1
cg02979741	0.00496908	0.28794	-3.47294	0.000713245	0.145897	-6.85416	0.0158998	0.393768	-2.53957	0.077076	0.56084	-1.78304	16.0025	15.4917	0.605051	1
cg26042725	0.23308	1.09082	1.09082	0.523266	1.04601	1.04601	0.087083	0.876901	-1.14038	0.255095	0.920709	-1.08612	6.05563	0.463618	0.0680531	1
cg26396452	0.415828	0.83615	-1.19596	0.262136	1.28607	1.28607	0.854136	1.04039	1.04039	0.0177121	0.537613	-1.86007	4.09499	3.00269	0.651785	1
cg01643441	0.00100026	0.583565	-1.7136	1.24E-05	0.362134	-2.76141	0.240859	0.873412	-1.14493	2.71E-05	0.40129	-2.49197	46.0558	8.86338	0.171066	1
cg23173466	0.202135	0.696782	-1.43517	0.00525022	0.372478	-2.68472	0.000474417	4.35952	4.35952	0.00801754	0.401961	-2.48781	12.4322	14.17	1.01314	1
cg08737421	7.71E-05	0.395128	-2.53082	0.574242	0.929033	-1.07639	0.198566	0.838464	-1.19266	0.115469	0.800994	-1.24845	8.77049	2.33577	0.23673	1
cg20040285	0.00223392	0.297786	-3.35812	?	?	?	?	?	?	0.808415	1.06211	1.06211	8.87949	6.40085	0.617878	1
cg27079563	0.144323	1.37715	1.37715	0.0019972	0.410489	-2.43612	0.00489536	0.467213	-2.14035	0.0598982	0.64843	-1.54219	6.25108	4.12271	0.58624	1
cg04318212	0.758171	0.950949	-1.05158	0.00341177	0.523064	-1.91181	0.391508	1.15371	1.15371	0.23952	0.818249	-1.22212	4.02062	1.68894	0.373395	1
cg00564759	2.40E-07	2.13466	2.13466	5.82E-05	0.693819	-1.4413	0.0292497	0.881564	-1.13435	0.0175278	1.15243	1.15243	44.5963	1.70112	0.0339065	1
cg27338089	0.175704	1.52354	1.52354	0.894716	1.03948	1.03948	0.342757	1.33085	1.33085	0.875886	0.955324	-1.04677	9.88375	13.3852	1.20379	1
cg07531158	0.961801	1.00541	1.00541	0.310622	0.888456	-1.12555	0.891929	1.01544	1.01544	0.015094	1.40026	1.40026	4.90458	0.987237	0.178923	1
cg26184919	0.678454	0.961513	-1.04003	0.00113311	0.637066	-1.5697	0.067152	1.21307	1.21307	0.152784	0.865749	-1.15507	4.24377	0.595684	0.12477	1
cg07009002	0.170875	0.588605	-1.69893	0.952153	0.978426	-1.02205	0.0909082	0.508186	-1.96778	0.0582822	0.45943	-2.17661	4.37357	9.15077	1.85981	1
cg24820809	0.908039	0.957881	-1.04397	0.299696	1.49219	1.49219	0.0012488	0.172775	-5.78788	0.650029	0.843578	-1.18543	3.43343	7.54112	1.95234	1
cg12845756	0.0821669	0.764514	-1.30802	4.78E-05	0.343867	-2.9081	0.502091	0.909387	-1.09964	0.000119365	0.391342	-2.55531	23.1526	7.12889	0.273697	1
cg15161225	0.0252829	0.642615	-1.55614	0.00160617	0.471308	-2.12176	5.50E-05	0.287005	-3.48426	0.00259134	0.499562	-2.00175	15.8853	6.95406	0.389127	1
cg01945840	0.0499257	0.470679	-2.12459	0.0130543	0.354227	-2.82305	0.00505237	0.286643	-3.48865	0.0196328	0.386706	-2.58595	10.5149	18.9155	1.59905	1
cg01815090	0.929951	0.981445	-1.01891	0.00758758	0.481178	-2.07823	0.0105312	0.503782	-1.98498	0.0275728	0.574045	-1.74202	6.3622	4.5727	0.638871	1
cg19459056	0.0133803	0.657619	-1.52064	0.00209885	0.55322	-1.8076	0.000462263	0.47054	-2.12522	0.916133	1.01452	1.01452	6.19871	1.83763	0.263514	1
cg24531396	0.932921	0.9732	-1.02754	0.0388215	0.462106	-2.16401	0.00338971	0.276502	-3.61661	0.087944	0.544606	-1.83619	3.78597	6.24388	1.46597	1
cg26954519	0.0687186	0.343411	-2.91196	0.0707836	0.346752	-2.88391	0.0100074	0.181616	-5.50613	0.0991912	0.387433	-2.58109	3.54171	15.4375	3.87447	1
cg02881369	0.0579859	1.28693	1.28693	0.00303476	1.61304	1.61304	0.0250662	0.730719	-1.36851	0.587528	1.06659	1.06659	4.08685	0.896845	0.195064	1
cg01719254	0.00779539	0.59023	-1.69426	0.790201	0.959679	-1.04201	0.451761	0.888403	-1.12562	0.0871277	1.33852	1.33852	5.11136	1.9285	0.335374	1
cg21282183	0.330583	1.30319	1.30319	0.00150596	0.299324	-3.34086	0.242619	1.38065	1.38065	0.228467	1.39572	1.39572	4.82529	5.31731	0.979527	1
cg13316061	0.671774	0.850246	-1.17613	0.0163369	0.327109	-3.05709	0.691285	1.16408	1.16408	0.00382533	0.226681	-4.41148	4.74419	10.8866	2.03976	1
cg05549078	0.103678	0.720015	-1.38886	0.00943943	0.544829	-1.83544	0.417095	0.85806	-1.16542	0.48124	0.876211	-1.14128	4.37877	2.363	0.479688	1
cg15090185	0.0601541	0.629013	-1.58979	0.739642	1.07565	1.07565	0.0154774	0.522328	-1.9145	0.0142863	0.516509	-1.93608	7.57373	5.73507	0.673095	1
cg25192916	0.181267	0.786107	-1.27209	0.043231	1.48336	1.48336	0.0431949	1.48349	1.48349	0.664837	1.07672	1.07672	5.87568	2.67573	0.404791	1
cg27209994	0.578846	0.880239	-1.13605	0.000699433	0.308478	-3.24172	0.261925	1.30492	1.30492	0.655587	0.902912	-1.10753	3.9361	3.22655	0.728651	1
cg24881765	0.337503	1.24563	1.24563	0.00059666	0.308198	-3.24466	0.38845	1.21694	1.21694	0.410536	1.20555	1.20555	24.4951	19.1425	0.694651	1
cg23945382	0.463977	0.921942	-1.08467	0.00199564	0.621366	-1.60936	0.13493	0.838846	-1.19211	0.088961	1.22697	1.22697	8.31793	1.56626	0.167378	1
cg22358797	0.82404	1.06062	1.06062	0.367947	0.78317	-1.27686	0.27391	0.74016	-1.35106	0.728181	1.09659	1.09659	4.89374	5.41337	0.983272	1
cg09174855	0.265077	0.793477	-1.26028	0.729435	1.0716	1.0716	0.0233033	1.71592	1.71592	0.0596582	1.527	1.527	11.9898	7.53271	0.558454	1
cg06857928	0.042675	1.49642	1.49642	0.000400011	0.377969	-2.64572	0.0599877	1.44273	1.44273	0.103102	0.734915	-1.3607	8.21821	3.88373	0.420067	1
cg02312594	0.00269981	0.532047	-1.87953	0.000740083	2.18164	2.18164	0.130953	1.28181	1.28181	0.0148937	1.5776	1.5776	7.87885	2.8919	0.326264	1
cg03569412	0.423544	1.19097	1.19097	0.182278	0.738836	-1.35348	0.119918	1.4344	1.4344	0.879854	1.03287	1.03287	7.63922	5.53141	0.643627	1
cg08660999	0.509182	1.05323	1.05323	0.0396592	0.831737	-1.2023	0.0238121	1.23233	1.23233	0.33902	0.926518	-1.07931	7.26372	0.689988	0.0844364	1
cg14305641	0.11167	0.714004	-1.40055	0.00186048	0.423772	-2.35976	0.00589808	2.01471	2.01471	0.119097	1.38944	1.38944	6.99136	4.18634	0.532256	1
cg22053620	0.826155	1.03099	1.03099	0.000943743	1.98222	1.98222	0.195395	1.20925	1.20925	0.0717066	1.3218	1.3218	6.02658	1.83738	0.271005	1
cg26982998	0.151937	0.773129	-1.29345	0.00808172	0.566291	-1.76588	0.620753	0.919789	-1.08721	0.557506	0.905341	-1.10456	5.94318	2.6452	0.395629	1
cg24140597	0.683012	0.870593	-1.14864	0.0028319	0.249683	-4.00508	0.0193277	0.384867	-2.5983	0.824665	1.07777	1.07777	5.33069	9.61823	1.60383	1
cg11435167	0.0169654	0.310175	-3.22399	0.0503686	0.40789	-2.45164	0.585729	0.801501	-1.24766	0.0111383	0.278235	-3.59408	5.03201	12.8819	2.27554	1
cg18885299	0.0141766	1.31428	1.31428	9.74E-08	0.2088	-4.78928	0.0320601	0.797093	-1.25456	8.03E-05	0.525784	-1.90192	72.0562	9.30624	0.114802	1
cg15523060	0.0197994	0.213627	-4.68106	0.0303984	0.247619	-4.03847	0.00710988	0.148455	-6.73604	0.100246	0.372373	-2.68548	5.16003	24.5929	4.23648	1
cg13727946	0.0718721	0.469349	-2.13061	0.00705455	0.269581	-3.70946	0.0186718	0.34193	-2.92458	0.542103	0.792706	-1.2615	4.66086	10.4601	1.99488	1
cg25489105	0.0526354	0.305278	-3.27571	0.00384369	0.122683	-8.15109	0.232174	0.509252	-1.96367	0.258261	0.529779	-1.88758	3.43273	15.7688	4.08325	1
cg25686162	0.0188597	0.629898	-1.58756	0.409995	0.87205	-1.14672	0.460301	0.885018	-1.12992	9.27E-05	0.321898	-3.10658	10.8145	4.52214	0.371694	1
cg13908074	0.00686003	0.459137	-2.178	0.118706	0.686224	-1.45725	0.0622041	1.59483	1.59483	0.22125	0.751351	-1.33094	6.60974	5.17482	0.695919	1
cg06758980	0.208498	1.26278	1.26278	0.000660363	0.399386	-2.50384	0.869421	0.971464	-1.02937	0.324596	0.836107	-1.19602	5.71212	2.8011	0.435892	1
cg25619609	0.890066	0.965251	-1.036	0.00541923	2.54963	2.54963	0.335064	0.775515	-1.28947	0.548103	0.856051	-1.16815	5.13991	5.32396	0.92072	1
cg05758804	0.8323	0.950348	-1.05225	0.00295534	0.375303	-2.66451	0.028575	0.537734	-1.85966	0.0574891	0.596924	-1.67526	4.32623	3.95206	0.812009	1
cg19767052	0.00266421	0.333903	-2.99488	0.0749289	0.592343	-1.68821	0.930084	1.02344	1.02344	0.0193723	0.474007	-2.10967	4.01718	4.43508	0.981359	1
cg04036049	0.149034	0.494317	-2.02299	0.208628	0.546878	-1.82856	0.0474641	2.80776	2.80776	0.946611	1.03096	1.03096	3.8578	12.6669	2.91862	1
cg14315430	0.672673	1.28192	1.28192	0.903783	0.931759	-1.07324	0.000368784	28.0098	28.0098	0.500136	1.49186	1.49186	8.03744	43.4831	4.80895	1
cg09687907	0.105286	3.17493	3.17493	0.327763	1.9337	1.9337	0.00264904	15.0999	15.0999	0.38369	1.79157	1.79157	7.12059	48.0555	5.99894	1
cg13812230	0.479657	1.54267	1.54267	0.0718309	3.36186	3.36186	0.00778025	7.85891	7.85891	0.456873	1.57952	1.57952	6.87992	39.6593	5.124	1
cg19520710	0.489057	1.42585	1.42585	0.57036	1.33579	1.33579	0.000639639	14.0991	14.0991	0.49176	1.42261	1.42261	6.11866	24.6934	3.58734	1
cg21443584	0.50974	0.867368	-1.15291	2.62E-07	25.8182	25.8182	0.760566	1.0672	1.0672	0.591168	1.1223	1.1223	36.227	25.977	0.63739	1
cg27656184	4.27E-05	0.186417	-5.36432	0.000299344	0.280693	-3.56261	0.700771	1.08696	1.08696	0.444614	1.18329	1.18329	14.7414	10.8891	0.656604	1
cg03516318	0.0584733	1.91292	1.91292	0.000408601	0.182056	-5.49283	0.146637	1.6043	1.6043	0.140685	0.61828	-1.61739	11.8878	17.3319	1.29596	1
cg27057210	0.00374491	0.0480662	-20.8046	0.282005	2.18597	2.18597	0.436383	1.73621	1.73621	0.371256	1.89535	1.89535	4.5765	25.5505	4.7854	1
cg07726667	0.0495023	0.54708	-1.82789	0.236705	0.71631	-1.39604	3.33E-05	0.114573	-8.72803	0.644968	0.882621	-1.13299	8.49681	9.746	1.01957	1
cg18157838	0.00312938	0.457916	-2.18381	0.0927469	1.42992	1.42992	0.805998	0.953543	-1.04872	0.0444044	0.639958	-1.5626	7.40542	4.38375	0.526191	1
cg02230650	0.481162	0.779131	-1.28348	0.171809	1.66031	1.66031	0.000526557	0.15217	-6.57158	0.361156	1.38707	1.38707	7.04028	13.5464	1.71034	1
cg27320518	0.068547	0.464589	-2.15244	0.442179	0.744807	-1.34263	0.000636701	0.139139	-7.18704	0.218615	0.614777	-1.62661	5.60174	12.5415	1.99009	1
cg08780887	0.000842227	0.520831	-1.92001	0.0231987	1.42272	1.42272	0.842244	1.02623	1.02623	0.0178975	0.688073	-1.45333	27.0966	7.24331	0.237613	1
cg05759948	0.0471959	0.446593	-2.23918	0.0477459	2.23347	2.23347	0.303794	1.45946	1.45946	0.175557	0.599714	-1.66746	4.82857	9.63616	1.77392	1
cg01685644	0.30771	0.859611	-1.16332	0.0153274	0.652833	-1.53179	0.07231	0.750251	-1.33289	0.743914	0.954122	-1.04808	4.05818	1.3193	0.288974	1
cg26425691	0.583516	0.967874	-1.03319	0.446141	1.04686	1.04686	0.0561699	0.880248	-1.13604	0.543799	0.964411	-1.0369	3.60555	0.19861	0.0489641	1
cg24028459	0.516607	0.938181	-1.06589	0.0416439	0.796203	-1.25596	0.00884678	0.723707	-1.38178	0.240227	0.887524	-1.12673	3.5519	0.529689	0.132558	1
cg08950287	0.627296	1.21546	1.21546	0.0205787	0.328779	-3.04155	0.0452984	0.400204	-2.49872	0.317958	0.662555	-1.50931	3.45527	8.70304	2.23891	1
cg15684210	0.912617	0.987351	-1.01281	0.00198527	1.6595	1.6595	0.217743	0.860392	-1.16226	0.983303	0.997576	-1.00243	19.0122	4.04946	0.189326	1
cg02550218	0.104591	1.76513	1.76513	0.00821319	0.33854	-2.95386	0.367487	0.7434	-1.34517	0.00445464	0.296654	-3.37093	4.72383	7.67593	1.44439	1
cg23528168	0.720464	0.963443	-1.03794	0.000588769	0.576771	-1.73379	0.596698	0.946155	-1.05691	0.558403	1.06326	1.06326	6.37731	1.08499	0.151229	1
cg06614563	0.346841	1.12415	1.12415	0.0064252	1.53459	1.53459	0.00883764	1.49583	1.49583	0.0993169	1.24392	1.24392	4.47049	1.03339	0.205474	1
cg02348116	0.534151	0.781574	-1.27947	0.228373	0.605722	-1.65092	0.00447432	0.191698	-5.21653	0.093914	2.10275	2.10275	4.48539	7.98879	1.52663	1
cg05840750	0.0243639	0.663438	-1.5073	0.00892485	0.601246	-1.66321	0.716201	1.05742	1.05742	0.297559	0.847768	-1.17957	4.07591	1.50976	0.329253	1
cg15664462	0.776928	1.08411	1.08411	0.0157084	0.430941	-2.3205	0.518355	1.20463	1.20463	0.0134695	0.419041	-2.3864	7.91102	10.1282	1.13801	1
cg14423778	0.517402	1.21807	1.21807	0.0157665	0.410989	-2.43315	0.011655	2.5794	2.5794	0.105636	0.587836	-1.70116	10.0917	14.4391	1.27181	1
cg00661523	0.615168	1.17804	1.17804	0.0235349	0.417138	-2.39729	0.00679288	3.10761	3.10761	0.637824	0.857894	-1.16564	7.41868	12.2775	1.47106	1
cg12360736	0.0861582	0.586333	-1.70552	6.04E-05	0.124078	-8.05942	0.0295664	0.486099	-2.0572	0.00115232	0.26057	-3.83774	20.9291	26.2791	1.11611	1
cg21588307	0.0221623	0.556375	-1.79735	0.998781	1.00033	1.00033	0.536037	0.874621	-1.14335	0.879646	0.968127	-1.03292	3.99147	2.88909	0.643393	1
cg00085438	0.081914	0.60638	-1.64913	0.0801984	0.6043	-1.65481	0.00178461	3.17032	3.17032	0.0413141	0.542938	-1.84183	6.98689	7.45192	0.948052	1
cg08522831	0.193599	0.816173	-1.22523	0.271414	1.18421	1.18421	0.0772399	1.33655	1.33655	0.0302755	0.686516	-1.45663	6.60206	2.2801	0.306988	1
cg25491265	0.224419	0.718267	-1.39224	0.0606887	0.577899	-1.73041	0.0331849	1.9072	1.9072	0.00542578	0.387207	-2.5826	6.53644	6.96077	0.946594	1
cg01703355	0.309967	0.864408	-1.15686	0.335265	0.871262	-1.14776	0.314875	1.15505	1.15505	0.0079882	0.624051	-1.60243	4.89998	1.49274	0.270794	1
cg13264394	0.582188	0.803275	-1.2449	0.785542	1.11352	1.11352	0.153485	1.82668	1.82668	0.0806627	0.46592	-2.14629	4.08816	10.0625	2.18789	1
cg10639811	0.275023	1.5169	1.5169	0.611767	1.20658	1.20658	0.0671327	2.123	2.123	0.0757382	0.484209	-2.06522	3.40123	7.25111	1.89503	1
cg25342059	0.136403	0.583598	-1.71351	0.0061483	0.301297	-3.31899	0.409668	1.32709	1.32709	0.11749	0.565182	-1.76934	3.40022	6.0658	1.58572	1
cg05796845	0.0164081	0.387862	-2.57824	0.399247	0.756786	-1.32138	0.705434	1.13046	1.13046	0.0265989	0.427996	-2.33647	6.07587	10.0344	1.46801	1
cg07305506	0.0114506	0.511627	-1.95455	0.0031691	0.425786	-2.3486	0.137186	1.40367	1.40367	0.407492	0.83572	-1.19657	3.92771	2.79065	0.631559	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18861231	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;TMEM14E;MBNL1;MBNL1;TMEM14E	0.0128059	0.19118	0.657692	-1.52047	0.747541	0.906846	-1.10272	0.278771	0.711084	-1.4063	0.253042	1.4354	1.4354	0.000776954	0.214449	-4.6631
cg07289766	MBNL2;MBNL2	1.19E-07	0.00761254	0.808622	-1.23667	2.47E-08	3.59288	3.59288	0.0546645	0.873784	-1.14445	0.333565	1.06368	1.06368	0.0164802	0.834122	-1.19887
cg20480097	MBNL2;MBNL2	0.000687185	0.617469	1.06258	1.06258	0.000975745	0.553571	-1.80645	0.000254622	0.483623	-2.06773	0.0235665	1.38538	1.38538	0.136375	1.21344	1.21344
cg10458216	MBNL2;MBNL2	0.00101685	0.0330318	0.524542	-1.90643	0.00405614	0.368339	-2.71489	0.269139	0.742384	-1.34701	0.47477	0.828496	-1.20701	7.20E-05	0.15389	-6.49816
cg05514854	MBNL2;MBNL2	0.00212184	0.000155569	0.266815	-3.74792	0.000897971	0.362767	-2.75659	0.0033366	0.442659	-2.25907	0.99225	1.00198	1.00198	0.0562496	0.643371	-1.55431
cg23598424	MBNL2;MBNL2	0.00225844	0.0914631	1.89532	1.89532	0.0181209	2.68398	2.68398	0.0481885	0.459872	-2.17452	0.807384	1.08766	1.08766	0.000117312	0.0982188	-10.1813
cg26841383	MBNL2;MBNL2	0.00598895	0.0254333	1.89293	1.89293	0.00262777	2.71965	2.71965	0.00630643	2.3506	2.3506	0.195841	1.38907	1.38907	0.314342	1.284	1.284
cg15958034	MBNL2;MBNL2	0.0106954	0.363662	1.07233	1.07233	0.342208	0.929409	-1.07595	0.0105764	0.786198	-1.27194	0.124126	0.882885	-1.13265	0.966746	0.996886	-1.00312
cg01837275	MBNL2;MBNL2	0.0138491	0.255635	1.42068	1.42068	0.00276165	3.39292	3.39292	0.00396707	3.14636	3.14636	0.0810019	1.77262	1.77262	0.471518	1.24199	1.24199
cg13895393	MBNL2;MBNL2	0.0208097	0.121135	1.76156	1.76156	0.00503642	3.48938	3.48938	0.0416257	2.20627	2.20627	0.904087	0.960203	-1.04145	0.286251	0.688613	-1.4522
cg11187806	MBNL2;MBNL2	0.0435629	0.34019	0.82119	-1.21775	0.437815	0.853323	-1.17189	0.0049911	0.474874	-2.10582	0.113808	1.41171	1.41171	0.53765	1.13324	1.13324
cg01964262	MBNL2;MBNL2;MBNL2;MBNL2	0.0377491	0.0157822	1.69545	1.69545	0.0106769	1.77337	1.77337	0.0132956	1.72902	1.72902	0.0236822	1.61947	1.61947	0.45581	1.1452	1.1452
cg02549418	MBNL3;MBNL3;MBNL3	0.0020267	0.38917	0.772356	-1.29474	0.00148455	0.26141	-3.82541	0.00464858	0.332243	-3.00985	0.00493953	0.33631	-2.97345	0.000703476	0.220511	-4.53493
cg22045077	MBNL3;MBNL3;MBNL3	0.00427047	0.0247417	0.352427	-2.83747	0.00526912	0.238076	-4.20034	0.196885	0.587288	-1.70274	0.0420594	0.400994	-2.4938	0.000807855	0.139222	-7.18278
cg25713737	MBNL3;MBNL3;MBNL3	0.0166562	0.0378009	0.303583	-3.29399	0.0129095	0.217075	-4.6067	0.191932	0.50479	-1.98102	0.730309	1.18679	1.18679	0.00399132	0.14733	-6.7875
cg04069311	MBNL3;MBNL3;MBNL3	0.0413695	0.317273	1.46809	1.46809	0.360049	0.705044	-1.41835	0.468116	0.76019	-1.31546	0.0479621	0.431832	-2.31571	0.00307819	0.22205	-4.50348
cg16520030	MBNL3;MBNL3;MBNL3;MBNL3;MBNL3;MBNL3	0.00359008	0.499334	0.801045	-1.24837	0.0129276	0.368544	-2.71338	0.0369744	0.45672	-2.18953	0.00390682	0.28461	-3.51358	7.69E-05	0.0985446	-10.1477
cg20197277	MBNL3;MBNL3;MBNL3;MBNL3;MBNL3;MBNL3	0.00546382	0.110959	0.601664	-1.66206	0.000347398	0.185768	-5.38306	0.00304961	0.30503	-3.27836	0.164967	1.54245	1.54245	0.0359916	0.489846	-2.04146
cg22393371	MBNL3;MBNL3;MBNL3;MBNL3;MBNL3;MBNL3	0.0100766	0.529456	0.866857	-1.15359	0.0864491	0.653913	-1.52925	0.00164812	0.364041	-2.74694	0.308055	1.26698	1.26698	0.0006458	0.309147	-3.2347
cg17121694	MBOAT1	0.00574328	0.00506604	0.297507	-3.36127	0.495592	1.25404	1.25404	0.0781292	0.527116	-1.89711	0.24615	0.672471	-1.48705	0.00801223	0.32903	-3.03924
cg04369491	MBOAT1	0.00597714	0.00897459	2.61438	2.61438	0.0150393	2.37332	2.37332	0.0678143	1.80688	1.80688	0.176194	1.51569	1.51569	0.836566	0.942011	-1.06156
cg21078994	MBOAT2	0.0145816	?	?	?	0.0500283	2.44303	2.44303	0.00139213	6.36955	6.36955	0.59249	0.805773	-1.24104	0.175293	0.562065	-1.77915
cg15311822	MBOAT2	0.0249017	0.346183	0.859183	-1.1639	0.0595699	0.717017	-1.39467	0.0298361	0.670376	-1.4917	0.472193	1.1212	1.1212	0.00653869	0.57536	-1.73804
cg25371267	MBOAT2	0.0337413	0.704221	1.09347	1.09347	0.241139	0.750161	-1.33305	0.0546042	0.60001	-1.66664	0.514103	1.16767	1.16767	0.00404761	0.404824	-2.47021
cg08430813	MBOAT2	0.0371843	0.172227	1.3934	1.3934	0.488966	0.851723	-1.17409	0.207684	1.35436	1.35436	0.146166	1.42786	1.42786	0.0523675	0.604264	-1.65491
cg16866206	MBOAT4	0.000380813	0.0707727	0.659946	-1.51528	0.0596573	0.645656	-1.54881	0.000181613	0.271589	-3.68203	0.0164774	0.547076	-1.8279	0.00339514	0.440525	-2.27002
cg08201851	MBOAT4	0.000690442	0.174337	1.21911	1.21911	0.00288449	1.75391	1.75391	0.762201	0.959244	-1.04249	0.765813	1.0418	1.0418	0.00207834	0.551974	-1.81168
cg00940560	MBOAT4	0.0411482	0.200396	0.408061	-2.45061	0.0304813	0.185409	-5.39348	0.0190274	0.15238	-6.56254	0.407635	0.570446	-1.75301	0.0319154	0.188967	-5.29194
cg16183516	MBOAT7;MBOAT7;MBOAT7;MBOAT7	4.18E-05	0.00664941	0.474645	-2.10684	0.00644012	2.11641	2.11641	0.327562	0.807479	-1.23842	0.0565912	1.57876	1.57876	2.01E-06	0.0835969	-11.9622
cg26231094	MBOAT7;MBOAT7;MBOAT7;MBOAT7	9.57E-05	0.0007076	0.407198	-2.45581	0.200338	1.26557	1.26557	0.369198	0.851655	-1.17418	0.0269778	1.57779	1.57779	0.000135138	0.316385	-3.1607
cg04347158	MBOAT7;MBOAT7;MBOAT7;MBOAT7	0.000222705	0.000789486	0.27171	-3.68039	0.00504333	0.385701	-2.59268	0.576463	0.865061	-1.15599	0.16357	0.682541	-1.46511	9.83E-05	0.169118	-5.91303
cg07928502	MBOAT7;MBOAT7;MBOAT7;MBOAT7	0.00207154	0.588267	0.921797	-1.08484	8.06E-05	0.34641	-2.88675	0.012354	0.628715	-1.59055	0.0174156	1.53929	1.53929	0.722025	0.948172	-1.05466
cg24057041	MBOAT7;MBOAT7;MBOAT7;MBOAT7	0.0320129	0.0331451	0.360481	-2.77407	0.693311	0.850122	-1.1763	0.335665	0.665836	-1.50187	0.379907	0.691425	-1.44629	0.00961558	0.261114	-3.82974
cg00864768	MBOAT7;MBOAT7;MBOAT7;MBOAT7	0.0499849	0.0789278	0.558458	-1.79064	0.909942	1.03437	1.03437	0.357283	0.753739	-1.32672	0.171356	0.647342	-1.54478	0.00282635	0.292876	-3.41441
cg13922166	MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;MBOAT7	0.0277103	0.00267261	0.545015	-1.83481	0.235917	0.833975	-1.19908	0.102564	1.29837	1.29837	0.279074	0.848321	-1.1788	0.0740077	1.33782	1.33782
cg21577705	MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;MBOAT7	0.0399718	0.341669	1.53921	1.53921	0.808443	1.11283	1.11283	0.00410425	0.183637	-5.44554	0.399651	0.684191	-1.46158	0.657548	0.8217	-1.21699
cg13622047	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34	2.68E-05	0.00184825	0.39747	-2.51592	0.000106286	4.17001	4.17001	0.222966	1.30641	1.30641	0.00388031	2.25192	2.25192	0.0245975	0.571915	-1.74851
cg21086156	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34	0.000318508	0.316592	1.37889	1.37889	0.727898	1.11448	1.11448	0.110411	1.71572	1.71572	0.0957193	1.76445	1.76445	0.0598947	0.517497	-1.93238
cg04512704	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34	0.00216613	0.0254851	1.42143	1.42143	0.433066	1.11179	1.11179	0.00147618	1.83624	1.83624	0.874021	0.979202	-1.02124	0.32003	0.872748	-1.14581
cg19542892	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34	0.0212613	0.0947457	2.87477	2.87477	0.529181	0.693101	-1.44279	0.878018	1.09234	1.09234	0.652616	1.29765	1.29765	0.443101	0.637839	-1.56779
cg03457587	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34	0.0325248	0.378071	1.08798	1.08798	0.554151	0.945739	-1.05737	0.780054	1.02644	1.02644	0.625566	0.955185	-1.04692	0.108272	1.17745	1.17745
cg14070281	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34	0.0398806	?	?	?	0.983105	1.01281	1.01281	0.57626	1.40409	1.40409	0.835872	0.882759	-1.13281	0.65588	0.763685	-1.30944
cg16490390	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34;TSEN34	0.000356507	0.576623	0.816189	-1.22521	0.456967	0.761261	-1.31361	0.104284	1.89545	1.89545	0.323704	0.692794	-1.44343	0.0528075	0.452665	-2.20914
cg23968678	MBOAT7;MBOAT7;MBOAT7;TSEN34;MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34	0.000352512	0.727238	1.02509	1.02509	0.327546	0.930965	-1.07415	0.874585	0.988882	-1.01124	0.958326	0.996308	-1.00371	0.0287478	0.833128	-1.2003
cg21062059	MBOAT7;MBOAT7;TMC4;MBOAT7;TMC4	0.0430257	0.00931179	0.246045	-4.0643	0.611855	0.804514	-1.24299	0.110377	0.477317	-2.09504	0.230347	0.585722	-1.70729	0.0148993	0.280021	-3.57116
cg25332502	MBP;MBP	0.000111525	2.19E-05	0.246055	-4.06414	0.00035376	2.56892	2.56892	0.0395628	0.676085	-1.4791	0.657549	0.929264	-1.07612	0.847772	1.03211	1.03211
cg17266581	MBP;MBP	0.000415985	0.102311	1.62769	1.62769	0.0410328	1.90113	1.90113	0.000504314	4.39988	4.39988	0.000281171	5.04278	5.04278	0.662686	1.12704	1.12704
cg21116087	MBP;MBP	0.000538395	0.0130152	0.759805	-1.31613	0.0302962	0.796896	-1.25487	0.0934	0.848308	-1.17882	0.820003	1.02053	1.02053	1.62E-05	0.452874	-2.20812
cg19276655	MBP;MBP	0.000550788	0.000222128	0.439293	-2.27639	0.0129317	0.661798	-1.51103	0.000327868	0.460043	-2.17371	0.0597385	0.752589	-1.32875	4.40E-05	0.354714	-2.81917
cg25743490	MBP;MBP	0.0012416	0.0473947	0.708244	-1.41194	0.0160149	1.56581	1.56581	0.206155	0.816437	-1.22483	0.0231492	0.661707	-1.51124	0.000993654	0.475274	-2.10405
cg18206567	MBP;MBP	0.0016221	0.884111	1.03573	1.03573	0.746462	0.924886	-1.08121	0.00131407	0.324484	-3.08182	0.982722	0.994801	-1.00523	0.000219342	0.227021	-4.40488
cg11598403	MBP;MBP	0.00168183	0.159541	1.50363	1.50363	0.599847	1.15448	1.15448	0.00317607	2.9846	2.9846	0.000465793	4.45268	4.45268	0.605696	1.15178	1.15178
cg13572782	MBP;MBP	0.00194049	0.154536	1.48965	1.48965	0.30521	1.32005	1.32005	0.00273717	2.94907	2.94907	0.000501386	4.15089	4.15089	0.437193	1.23033	1.23033
cg17199181	MBP;MBP	0.00202825	0.288934	1.35033	1.35033	0.433497	1.24366	1.24366	0.064311	1.76321	1.76321	0.000986998	3.80353	3.80353	0.426627	0.801341	-1.24791
cg08737246	MBP;MBP	0.00285051	0.0477391	1.76104	1.76104	0.333485	0.779291	-1.28322	0.00185634	3.01683	3.01683	0.149462	1.47162	1.47162	0.655369	1.11884	1.11884
cg15407373	MBP;MBP	0.00339361	0.0648052	0.673156	-1.48554	0.00418682	0.480868	-2.07957	0.323925	0.823313	-1.21461	0.740833	1.06539	1.06539	0.006652	0.510653	-1.95828
cg16604566	MBP;MBP	0.00394725	0.470443	0.820635	-1.21857	0.00151472	3.42111	3.42111	0.039885	1.89558	1.89558	0.290951	0.744503	-1.34318	0.0115051	0.426984	-2.34201
cg07165529	MBP;MBP	0.00454499	0.0120041	1.9754	1.9754	0.0210374	1.82756	1.82756	0.250799	1.29784	1.29784	0.113598	1.45358	1.45358	0.651934	0.906058	-1.10368
cg18792727	MBP;MBP	0.00535879	0.00433092	0.35301	-2.83278	0.00555348	0.369782	-2.7043	0.050853	0.544735	-1.83575	0.197091	1.45116	1.45116	0.0029104	0.327176	-3.05646
cg21261487	MBP;MBP	0.0057033	0.016009	0.57806	-1.72993	0.757267	0.944004	-1.05932	0.00590036	0.511931	-1.95339	0.00146471	0.425763	-2.34872	0.00214676	0.448778	-2.22827
cg27400313	MBP;MBP	0.00577288	0.327226	0.769014	-1.30037	0.568758	1.16134	1.16134	0.00382382	0.363255	-2.75288	0.00783546	0.412215	-2.42592	0.816234	1.06232	1.06232
cg00366917	MBP;MBP	0.00930361	0.0283935	4.53885	4.53885	0.00426988	9.34865	9.34865	0.00783791	7.3534	7.3534	0.0756117	3.17834	3.17834	0.0478101	3.75489	3.75489
cg11984636	MBP;MBP	0.0165332	0.345571	1.26359	1.26359	0.00682019	2.32597	2.32597	0.281552	1.30936	1.30936	0.00227371	0.357684	-2.79576	0.453396	1.20196	1.20196
cg24446429	MBP;MBP	0.0177775	0.00370346	0.145041	-6.8946	0.0780992	0.381472	-2.62143	0.00713202	0.180714	-5.53359	0.0534316	0.339576	-2.94485	0.300073	0.589379	-1.6967
cg12555907	MBP;MBP	0.0253561	0.277041	1.52689	1.52689	0.00127747	5.80419	5.80419	0.00605624	3.82664	3.82664	0.61156	1.21135	1.21135	0.432093	1.35007	1.35007
cg19310162	MBP;MBP	0.0363203	0.0241214	0.673126	-1.48561	0.131165	1.27109	1.27109	0.0855019	0.755957	-1.32283	0.567842	0.918531	-1.08869	0.119114	0.77962	-1.28268
cg20801056	MBP;MBP;MBP;MBP	0.0452376	0.0468019	49.2755	49.2755	0.180638	11.4064	11.4064	0.295986	6.39552	6.39552	0.0716304	31.3232	31.3232	0.0412248	56.3938	56.3938
cg15391531	MBP;MBP;MBP;MBP;MBP	0.042175	0.186426	3.12153	3.12153	0.0618686	5.52281	5.52281	0.250707	0.37704	-2.65224	0.0704042	5.17322	5.17322	0.14101	3.62076	3.62076
cg22168512	MBP;MBP;MBP;MBP;MBP	0.0426749	0.0161239	6.10419	6.10419	0.0915079	3.13235	3.13235	0.13484	2.69262	2.69262	0.127844	2.7498	2.7498	0.0139889	6.4546	6.4546
cg21322241	MBP;MBP;MBP;MBP;MBP;MBP	0.0381152	0.123993	3.05331	3.05331	0.105103	3.27606	3.27606	0.300182	2.05323	2.05323	0.0542861	4.32083	4.32083	0.792498	0.83806	-1.19323
cg19213808	MBTD1	0.00160751	0.182683	0.678321	-1.47423	0.0920541	0.601094	-1.66363	0.91966	0.972689	-1.02808	0.222426	0.703329	-1.42181	0.00110385	0.267114	-3.74372
ch.17.1348129	MBTD1	0.0108093	0.130348	0.721937	-1.38516	0.019761	1.75306	1.75306	0.308769	0.810527	-1.23377	0.00558483	0.483949	-2.06634	0.419556	0.848343	-1.17877
cg02880679	MBTD1	0.0143725	0.42258	1.10105	1.10105	0.00621348	1.5208	1.5208	0.854622	0.978676	-1.02179	0.117843	1.22089	1.22089	0.00301521	0.620097	-1.61265
cg23974688	MBTD1	0.0154911	0.0346774	0.264443	-3.78154	0.164638	0.448957	-2.22738	0.167425	0.451632	-2.21419	0.268371	0.536481	-1.864	0.00852361	0.163113	-6.13071
ch.17.1348593	MBTD1	0.0223227	0.921905	1.06227	1.06227	0.293129	1.95783	1.95783	0.588487	1.40004	1.40004	0.000446762	0.0329701	-30.3306	0.942147	1.04573	1.04573
cg11466309	MBTD1	0.0374936	0.140289	0.61723	-1.62014	0.696294	0.887543	-1.12671	0.473144	0.800994	-1.24845	0.12285	0.601444	-1.66267	0.112427	0.591204	-1.69146
cg22141797	MBTD1;UTP18	0.00707218	0.00245238	0.319339	-3.13147	0.0192544	2.15321	2.15321	0.287626	1.34859	1.34859	0.535014	0.843512	-1.18552	0.00363134	0.34437	-2.90386
cg25259117	MBTD1;UTP18	0.0163382	0.929276	1.01173	1.01173	0.898668	0.983401	-1.01688	0.636833	1.06448	1.06448	0.274965	1.16093	1.16093	0.569241	0.927209	-1.07851
cg26868097	MBTPS1	7.68E-05	0.137989	1.32369	1.32369	0.000839551	2.41575	2.41575	0.329844	1.19309	1.19309	2.82E-05	4.24775	4.24775	0.198739	0.787857	-1.26927
cg04299318	MBTPS1	0.000124733	0.916451	1.01682	1.01682	0.0363347	1.47241	1.47241	0.0501236	1.42636	1.42636	0.296326	0.841836	-1.18788	7.20E-06	0.20692	-4.83279
cg27435126	MBTPS1	0.00179238	0.00193374	0.495089	-2.01984	0.0218675	1.55402	1.55402	0.912419	1.01779	1.01779	0.749151	1.05275	1.05275	0.000114181	0.337864	-2.95977
cg05328670	MBTPS1	0.00539248	0.124702	1.54037	1.54037	0.0148401	2.17925	2.17925	0.0879398	1.63146	1.63146	0.294548	1.32653	1.32653	0.00077033	0.266199	-3.75659
cg09400392	MBTPS1	0.0210328	0.00132165	0.439266	-2.27652	0.162865	1.29995	1.29995	0.362807	1.17905	1.17905	0.801559	0.956622	-1.04535	0.214773	1.25856	1.25856
cg04985185	MBTPS1	0.0235296	0.523746	1.3169	1.3169	0.767253	1.13479	1.13479	0.0859796	0.445598	-2.24418	0.677293	1.19518	1.19518	0.00190025	0.153429	-6.51769
cg18828303	MBTPS2	5.50E-09	4.50E-10	0.00104345	-958.362	0.001994	0.738166	-1.35471	0.000256506	0.623213	-1.60459	0.924703	1.00513	1.00513	3.58E-08	0.0573045	-17.4506
cg01336098	MBTPS2	0.0017026	0.0860551	0.641527	-1.55878	0.0012393	0.331295	-3.01846	0.01007	0.467653	-2.13834	0.177902	0.715307	-1.398	0.0107241	0.472163	-2.11791
cg08872581	MBTPS2	0.0153024	0.00641787	0.144907	-6.90099	0.000979617	0.0692004	-14.4508	0.889365	0.926976	-1.07878	0.727237	1.21019	1.21019	0.0707795	0.332892	-3.00394
cg05570079	MBTPS2	0.0254611	0.0296395	0.177437	-5.63579	0.117629	0.31736	-3.15099	0.0588897	0.236734	-4.22414	0.727217	0.789376	-1.26682	0.0142008	0.129621	-7.71477
cg05184682	MBTPS2;MBTPS2	3.69E-06	3.95E-06	0.0207964	-48.0853	0.433917	0.815112	-1.22682	0.00537227	2.81957	2.81957	0.00855193	2.55094	2.55094	0.000435914	0.183104	-5.46137
cg04513015	MC1R	0.000851919	0.00404372	0.701725	-1.42506	0.288264	0.903796	-1.10644	0.000376319	1.68466	1.68466	0.00217982	0.674035	-1.4836	0.859789	1.01635	1.01635
cg04177015	MC1R	0.013578	0.932198	0.978728	-1.02173	0.00273477	2.84363	2.84363	0.0358395	1.85345	1.85345	0.539949	1.16975	1.16975	0.00440345	0.382643	-2.6134
cg01511465	MC1R	0.0360473	0.0380116	1.47415	1.47415	0.502031	0.895901	-1.11619	0.501305	1.11641	1.11641	0.571296	1.0967	1.0967	0.00305528	1.92431	1.92431
cg01023759	MC1R	0.0460885	0.00169108	0.242393	-4.12554	0.297794	0.711088	-1.40629	0.138027	0.60381	-1.65615	0.572936	0.835315	-1.19715	0.113256	0.580155	-1.72368
cg02025435	MC1R	0.047373	0.340048	0.759906	-1.31595	0.0460705	1.89324	1.89324	0.628454	1.14586	1.14586	0.486248	1.21842	1.21842	0.00967807	0.400886	-2.49447
cg07260333	MC1R;MC1R	0.0033527	0.00296196	0.33751	-2.96287	0.9571	0.985778	-1.01443	0.00387468	0.354906	-2.81765	0.721333	0.909039	-1.10006	0.0305831	0.508365	-1.96709
cg26344168	MC2R	3.02E-05	0.0459189	1.27614	1.27614	0.342362	0.90099	-1.10989	0.0169158	0.733072	-1.36412	0.318099	1.11625	1.11625	5.24E-07	0.225536	-4.43388
cg25924472	MC2R	0.00519439	0.118236	0.615531	-1.62461	0.0430138	0.513661	-1.94681	0.00215605	0.291604	-3.4293	0.000783668	0.233882	-4.27567	0.115838	1.63069	1.63069
cg11564670	MC2R	0.0139663	0.388732	0.820119	-1.21934	0.00182587	2.70304	2.70304	0.586339	0.883955	-1.13128	0.885635	1.03284	1.03284	0.0031907	0.404987	-2.46921
cg20553766	MC3R	3.87E-06	0.00133712	1.59273	1.59273	6.58E-05	0.48145	-2.07706	0.670877	1.04359	1.04359	4.30E-05	2.17221	2.17221	4.74E-06	2.84494	2.84494
cg19226099	MC3R	6.55E-05	2.32E-05	0.255115	-3.9198	0.0182601	1.58809	1.58809	0.000145004	0.347748	-2.87564	0.000322536	0.390925	-2.55803	0.000531851	0.418649	-2.38863
cg06407053	MC3R	0.00399608	0.500085	0.870849	-1.14831	0.574106	1.12156	1.12156	0.00360702	2.21667	2.21667	0.00122576	2.59961	2.59961	0.953661	1.01181	1.01181
cg11188443	MC3R	0.00570742	0.15427	1.52459	1.52459	0.00176347	3.42816	3.42816	0.406959	0.790894	-1.26439	0.60593	1.15478	1.15478	0.0111518	2.41025	2.41025
cg19984742	MC3R	0.010327	0.293218	1.35735	1.35735	0.00232132	3.29353	3.29353	0.259548	0.719227	-1.39038	0.992456	0.997354	-1.00265	0.705967	1.11205	1.11205
cg01263854	MC3R	0.017093	0.0141198	0.677791	-1.47538	0.206296	0.842683	-1.18669	0.0747553	0.775028	-1.29028	0.00126751	0.546666	-1.82927	0.923253	1.01245	1.01245
cg13588354	MC3R	0.0244529	0.0168754	0.436184	-2.29261	0.0295309	0.482207	-2.0738	0.752921	0.914039	-1.09405	0.0365946	0.500905	-1.99639	0.0530903	0.534967	-1.86927
cg24298684	MC3R;MC3R	0.00126347	0.00918817	0.316024	-3.16432	0.000954585	0.180076	-5.5532	0.01179	0.334421	-2.99024	0.00505529	0.274973	-3.63672	0.00279728	0.238167	-4.19874
cg14179575	MC5R	0.0081167	0.0891342	0.78503	-1.27384	0.775812	0.96381	-1.03755	0.00364029	0.601782	-1.66173	0.00473537	0.616087	-1.62315	0.752655	0.960006	-1.04166
cg14630382	MC5R	0.0155015	0.00130676	0.193484	-5.16838	0.581884	0.822687	-1.21553	0.878302	0.947643	-1.05525	0.994308	0.9975	-1.00251	0.209626	0.628718	-1.59054
cg18890215	MCAM	0.00250885	0.937471	0.991573	-1.0085	3.75E-05	0.425596	-2.34964	0.490829	0.927294	-1.07841	0.559734	1.06568	1.06568	0.101411	0.824112	-1.21343
cg03365354	MCAM	0.00590088	0.457932	1.07095	1.07095	0.0580406	0.823422	-1.21444	0.81384	0.978836	-1.02162	0.635108	1.04431	1.04431	0.107106	1.17293	1.17293
cg04470256	MCAM	0.0289577	0.125372	0.769075	-1.30026	0.00939176	1.6842	1.6842	0.00302502	1.90278	1.90278	0.265825	1.20147	1.20147	0.653009	1.07426	1.07426
cg06273010	MCAM	0.0313918	0.600391	0.893497	-1.1192	0.0111462	1.96961	1.96961	0.228309	1.30918	1.30918	0.0171623	0.538599	-1.85667	0.723908	1.07849	1.07849
cg03545206	MCAM	0.0457162	0.00902599	1.62415	1.62415	0.201213	1.21801	1.21801	0.0380161	1.42111	1.42111	0.750664	1.04768	1.04768	0.0592266	0.732567	-1.36506
cg14478475	MCART1;MCART1;MCART1	5.24E-06	0.00429579	2.06868	2.06868	1.78E-05	5.30721	5.30721	0.00190558	2.30974	2.30974	1.65E-05	5.40438	5.40438	0.000685394	0.372639	-2.68356
cg14235811	MCART1;MCART1;MCART1	0.0103068	0.0359379	0.590843	-1.6925	0.143639	0.712603	-1.40331	0.589183	1.12476	1.12476	0.404213	0.831896	-1.20207	0.0417073	0.602754	-1.65905
cg13752885	MCART1;MCART1;MCART1	0.0466591	0.0239395	0.36979	-2.70424	0.036382	0.407277	-2.45533	0.353554	0.70295	-1.42258	0.246893	0.63948	-1.56377	0.00798251	0.284908	-3.50991
cg13627714	MCART2	0.000469907	0.0157034	0.304417	-3.28497	0.374455	0.693373	-1.44223	0.000753412	0.128407	-7.78773	0.299443	0.649233	-1.54028	0.000228025	0.0854154	-11.7075

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18861231	0.0404862	0.488508	-2.04705	0.0541834	0.516021	-1.93791	0.192031	1.51911	1.51911	0.0219908	0.435238	-2.29759	5.45688	7.92263	1.29054	1
cg07289766	8.33E-07	0.442848	-2.25811	2.97E-05	0.60272	-1.65914	1.55E-07	2.75141	2.75141	0.51189	0.959658	-1.04204	125.868	7.63815	0.0539411	1
cg20480097	0.151007	1.20385	1.20385	0.000958431	1.8095	1.8095	0.156444	1.20051	1.20051	0.626618	0.942609	-1.06089	13.0785	3.01034	0.2046	1
cg10458216	0.762218	0.924457	-1.08172	0.00105258	0.285233	-3.50591	0.00045811	0.23973	-4.17136	0.174856	0.688308	-1.45284	11.7109	12.4268	0.943227	1
cg05514854	0.59461	1.1158	1.1158	0.302317	0.804137	-1.24357	0.981985	1.00462	1.00462	0.0219636	0.570838	-1.75181	9.47698	6.24638	0.585876	1
cg23598424	0.166538	1.66106	1.66106	0.847124	1.06866	1.06866	0.0392513	2.27195	2.27195	0.450943	0.767784	-1.30245	9.30558	17.4431	1.6662	1
cg26841383	0.101588	1.53821	1.53821	0.000400937	3.86794	3.86794	0.0113234	2.14234	2.14234	0.224745	1.35847	1.35847	6.94311	6.34705	0.812579	1
cg15958034	0.861171	1.01318	1.01318	0.0556115	1.17616	1.17616	0.00172616	1.39718	1.39718	0.0635664	0.855528	-1.16887	5.78457	0.512664	0.0787788	1
cg01837275	0.228646	0.688086	-1.45331	0.077984	0.560187	-1.78512	0.823709	1.06825	1.06825	0.388632	0.769951	-1.29878	5.31878	7.37502	1.23253	1
cg13895393	0.185982	1.60383	1.60383	0.00329575	3.8525	3.8525	0.0350706	2.2869	2.2869	0.606983	1.191	1.191	4.64142	8.34265	1.59772	1
cg11187806	0.0300887	0.599748	-1.66737	0.904977	1.02422	1.02422	0.409812	0.844565	-1.18404	0.0429638	0.626997	-1.5949	3.56853	2.27008	0.565456	1
cg01964262	0.418391	1.15905	1.15905	0.738553	0.941961	-1.06161	0.241129	1.24487	1.24487	0.500166	0.885007	-1.12994	3.76224	1.89845	0.44854	1
cg02549418	0.40204	1.28536	1.28536	0.0165263	2.35644	2.35644	0.372789	0.765044	-1.30711	0.587891	0.852018	-1.17368	9.6047	13.0329	1.20616	1
cg22045077	0.324364	1.48742	1.48742	0.00233346	0.190528	-5.24857	0.795344	0.90357	-1.10672	0.00543701	0.240063	-4.16557	7.69887	18.5562	2.14245	1
cg25713737	0.730609	1.18655	1.18655	0.00660004	0.174568	-5.72842	0.462521	1.44791	1.44791	0.0436256	0.317262	-3.15197	5.00352	19.4086	3.44799	1
cg04069311	0.245418	1.57025	1.57025	0.219893	1.61464	1.61464	0.896859	0.952973	-1.04935	0.132481	0.547199	-1.82749	3.63765	7.94728	1.94198	1
cg16520030	0.171005	0.624031	-1.60248	0.25442	0.680471	-1.46957	0.543172	0.819473	-1.2203	0.108926	0.568043	-1.76043	8.11184	13.4448	1.47326	1
cg20197277	0.473777	0.808034	-1.23757	0.253096	1.41796	1.41796	0.232575	0.693334	-1.44231	0.948588	0.981311	-1.01905	7.14201	9.68212	1.20503	1
cg22393371	0.233228	0.755531	-1.32357	0.882192	0.967288	-1.03382	0.339661	0.801941	-1.24697	0.874411	0.965145	-1.03611	5.89622	4.69747	0.708172	1
cg17121694	0.0109583	0.351884	-2.84185	0.000963317	0.20027	-4.99325	0.31283	0.710672	-1.40712	0.00355607	0.274637	-3.64117	7.03334	11.9222	1.50675	1
cg04369491	0.00859933	2.63571	2.63571	0.000331081	5.34374	5.34374	0.012216	2.46684	2.46684	0.123922	1.61908	1.61908	6.94734	9.20266	1.17745	1
cg21078994	0.133534	1.90953	1.90953	?	?	?	0.23049	0.604819	-1.65339	0.472947	0.746936	-1.3388	5.45426	10.7344	2.24924	1
cg15311822	0.320702	1.17412	1.17412	0.00527091	0.56241	-1.77806	0.110552	0.76182	-1.31265	0.215161	0.815364	-1.22645	4.3632	1.6914	0.344578	1
cg25371267	0.100654	0.656204	-1.52392	0.450913	1.19717	1.19717	0.046138	1.70799	1.70799	0.328824	0.789691	-1.26632	3.91861	3.40632	0.772683	1
cg08430813	0.346198	0.801327	-1.24793	0.957367	0.987869	-1.01228	0.00262295	2.58859	2.58859	0.964446	1.01023	1.01023	3.783	3.12326	0.733869	1
cg16866206	0.00204713	0.408839	-2.44595	2.98E-05	0.185955	-5.37765	0.85223	0.962344	-1.03913	0.000606899	0.33695	-2.9678	15.4075	10.3392	0.596491	1
cg08201851	4.77E-05	0.34988	-2.85812	0.336399	0.87293	-1.14557	0.966633	0.994281	-1.00575	0.020752	0.68269	-1.46479	13.0611	3.88866	0.264647	1
cg00940560	0.0539003	0.234499	-4.2644	0.0159619	0.141514	-7.06644	0.0264402	0.174799	-5.72085	?	?	?	3.70171	22.8875	6.18296	1
cg16183516	4.57E-05	0.195867	-5.1055	0.890342	0.971234	-1.02962	0.201082	1.33068	1.33068	0.306527	0.799321	-1.25106	27.9029	19.7843	0.630257	1
cg26231094	0.000440459	0.380425	-2.62864	9.22E-05	0.296536	-3.37227	0.000802805	2.41298	2.41298	0.989598	1.00227	1.00227	22.4016	10.7554	0.426772	1
cg04347158	0.340021	0.776781	-1.28736	8.04E-06	0.081443	-12.2785	0.104623	0.634037	-1.57719	0.0380452	0.539162	-1.85473	17.8426	18.6469	0.928957	1
cg07928502	0.0768716	0.745933	-1.3406	0.334483	0.862176	-1.15986	0.520981	0.907622	-1.10178	0.0832805	1.33064	1.33064	9.5436	3.35501	0.312485	1
cg24057041	0.0281699	0.345798	-2.89186	0.004035	0.205526	-4.86556	0.0501002	0.400469	-2.49707	0.0543256	0.408804	-2.44616	3.9933	10.6141	2.36265	1
cg00864768	0.182624	0.655513	-1.52552	0.0125538	0.395714	-2.52708	0.305987	0.728694	-1.37232	0.122095	0.606303	-1.64934	3.38852	4.78544	1.25533	1
cg13922166	0.891757	0.980295	-1.0201	0.0410496	0.708502	-1.41143	0.221197	0.828639	-1.2068	0.874708	0.977199	-1.02333	4.20314	1.42227	0.300785	1
cg21577705	0.241277	0.582789	-1.71589	0.065218	2.48711	2.48711	0.0620256	2.52153	2.52153	0.322876	1.56747	1.56747	3.68409	11.3048	2.72758	1
cg13622047	0.46043	1.16983	1.16983	2.67E-06	0.0945283	-10.5788	?	?	?	0.173921	0.739389	-1.35247	32.1862	19.7403	0.613314	1
cg21086156	0.639549	1.15762	1.15762	5.25E-06	0.0404847	-24.7007	0.675825	1.1394	1.1394	0.0511182	1.99231	1.99231	16.1826	24.6789	1.35558	1
cg04512704	0.00207993	0.563246	-1.77542	0.0150799	0.673252	-1.48533	0.00668226	1.59373	1.59373	0.108696	1.26081	1.26081	9.41994	2.61768	0.247011	1
cg19542892	0.768365	0.843811	-1.1851	0.000518142	0.0444319	-22.5063	0.0945032	0.347532	-2.87743	0.979971	1.01454	1.01454	4.60752	24.1296	4.6551	1
cg03457587	0.117865	0.853574	-1.17154	0.030359	1.26783	1.26783	0.0241801	1.28478	1.28478	0.00516406	1.41096	1.41096	3.97067	0.546628	0.12237	1
cg14070281	0.132819	2.65079	2.65079	0.00134373	0.0607753	-16.4541	0.612636	1.35922	1.35922	0.533017	1.46163	1.46163	3.74517	19.0514	5.08692	1
cg16490390	4.27E-06	0.0218328	-45.8026	0.598225	0.825735	-1.21104	0.674616	0.858953	-1.16421	0.0043667	0.253843	-3.93944	15.6896	32.2197	1.8254	1
cg23968678	0.00224874	0.738816	-1.35352	3.45E-05	0.56724	-1.76292	0.126145	1.12426	1.12426	0.000441929	1.48095	1.48095	15.7383	1.24869	0.0705252	1
cg21062059	0.109245	0.475993	-2.10087	0.00830598	0.238304	-4.19632	0.612205	1.24272	1.24272	0.272815	0.615605	-1.62442	3.58505	10.2593	2.54372	1
cg25332502	0.0246424	1.55273	1.55273	0.000774903	2.30839	2.30839	0.0474954	1.45175	1.45175	0.00485645	0.541133	-1.84797	21.5033	9.2086	0.380658	1
cg17266581	0.980555	1.00666	1.00666	0.00164283	3.4153	3.4153	0.657702	0.885586	-1.1292	3.53E-05	8.81203	8.81203	15.0368	17.681	1.0452	1
cg21116087	0.89875	1.01141	1.01141	0.00441033	1.4033	1.4033	0.362081	0.919877	-1.0871	0.0305252	0.79723	-1.25434	13.9999	1.76218	0.111885	1
cg19276655	0.111243	0.792858	-1.26126	0.993551	0.998919	-1.00108	0.725409	0.953916	-1.04831	0.0865892	0.776273	-1.28821	13.9116	3.9437	0.251985	1
cg25743490	0.00100581	0.47596	-2.10102	0.0187394	1.54221	1.54221	0.0197019	1.53479	1.53479	0.220138	0.821955	-1.21661	11.0636	4.05273	0.325612	1
cg18206567	0.155044	1.44238	1.44238	0.0386693	1.77964	1.77964	0.954169	1.01393	1.01393	0.00282638	0.371627	-2.69087	10.2458	9.40175	0.815665	1
cg11598403	0.535287	0.843356	-1.18574	0.00587007	2.6603	2.6603	0.384662	0.785159	-1.27363	0.000255278	5.1272	5.1272	10.1393	11.8246	1.03664	1
cg13572782	0.893631	1.03561	1.03561	0.00266652	2.96353	2.96353	0.816714	1.0626	1.0626	0.000246743	4.87098	4.87098	9.72708	10.537	0.962906	1
cg17199181	0.631459	1.14095	1.14095	0.146701	1.52957	1.52957	0.0157712	0.446149	-2.24141	0.00016744	5.74463	5.74463	9.60257	11.3211	1.04797	1
cg08737246	0.142103	0.673996	-1.48369	0.000562207	3.80675	3.80675	0.0237083	0.509159	-1.96402	0.0288583	1.90448	1.90448	8.68885	8.59945	0.879742	1
cg15407373	0.00503747	0.492669	-2.02976	0.957871	0.989969	-1.01013	0.000174711	0.29662	-3.37131	0.226308	0.784702	-1.27437	8.2496	4.75836	0.512711	1
cg16604566	0.0246549	2.05513	2.05513	0.6217	1.14329	1.14329	0.00182971	3.29392	3.29392	0.384602	1.27125	1.27125	7.88396	9.0504	1.0204	1
cg07165529	0.6089	0.893943	-1.11864	0.00171121	0.378041	-2.64522	0.00261564	2.4731	2.4731	0.163736	1.3811	1.3811	7.55488	5.64764	0.664488	1
cg18792727	0.429155	1.24657	1.24657	0.0105173	0.415165	-2.40868	0.138551	1.54562	1.54562	0.338774	0.76395	-1.30899	7.18466	8.48476	1.04974	1
cg21261487	0.844579	0.964175	-1.03716	0.119796	0.730725	-1.3685	0.247784	0.798839	-1.25182	0.00266693	0.462044	-2.16429	7.04848	3.85683	0.486388	1
cg27400313	0.836437	1.05515	1.05515	0.00487558	2.63561	2.63561	0.057519	1.74687	1.74687	0.0219215	0.489678	-2.04216	7.02222	7.5002	0.949393	1
cg00366917	0.0279098	4.56746	4.56746	0.00297297	10.8416	10.8416	0.00372138	9.88502	9.88502	0.031695	4.3602	4.3602	6.04828	32.7466	4.81261	1
cg11984636	0.434107	0.825123	-1.21194	0.603948	0.881582	-1.13432	0.28806	1.30427	1.30427	0.125098	0.670433	-1.49157	5.01592	4.60798	0.816596	1
cg24446429	0.619	0.781299	-1.27992	0.00241456	0.124909	-8.00581	0.151162	0.468936	-2.13249	0.0933551	0.40307	-2.48096	4.89555	18.7922	3.41211	1
cg12555907	0.0844955	2.04296	2.04296	0.267927	1.54037	1.54037	0.124816	1.86274	1.86274	0.541547	0.793457	-1.26031	4.33584	9.62428	1.97307	1
cg19310162	0.236791	0.833238	-1.20014	0.0517354	1.3852	1.3852	0.454677	1.11861	1.11861	0.0224728	0.668732	-1.49537	3.81553	1.30906	0.304967	1
cg20801056	0.0638671	35.3999	35.3999	0.00619984	450.827	450.827	0.0173643	142.657	142.657	0.0379625	61.5653	61.5653	3.51858	163.393	41.2775	1
cg15391531	0.104095	4.23826	4.23826	0.00459117	21.4628	21.4628	0.0470516	6.34137	6.34137	0.0614102	5.54361	5.54361	3.61175	37.7805	9.29816	1
cg22168512	0.0948588	3.08911	3.08911	0.00534148	9.53322	9.53322	0.0707021	3.45894	3.45894	0.146303	2.60693	2.60693	3.59598	21.502	5.31505	1
cg21322241	0.113038	3.1763	3.1763	0.00220363	17.7372	17.7372	0.0502617	4.46156	4.46156	0.026792	5.80053	5.80053	3.74898	26.66	6.32112	1
cg19213808	0.00901676	0.402029	-2.48738	0.000147525	0.166742	-5.99727	0.0122705	2.35409	2.35409	0.305079	0.747144	-1.33843	10.2725	12.2564	1.06056	1
ch.17.1348129	0.0119222	0.534851	-1.86968	0.0072284	0.50096	-1.99617	0.0842153	0.683201	-1.4637	0.0406191	0.624094	-1.60232	5.76488	3.63104	0.559871	1
cg02880679	0.922431	1.01151	1.01151	0.0374204	1.32819	1.32819	0.559618	0.933017	-1.07179	0.270075	0.873751	-1.14449	5.25429	1.14928	0.194429	1
cg23974688	0.0355549	0.266674	-3.7499	0.000747103	0.0630514	-15.8601	0.558822	0.726633	-1.37621	0.0218362	0.226164	-4.42156	5.12573	23.6864	4.10764	1
ch.17.1348593	0.874573	1.10221	1.10221	0.1173	0.350636	-2.85196	0.68313	0.776601	-1.28766	0.461076	1.58767	1.58767	4.53123	27.2348	5.34264	1
cg11466309	0.0135594	0.394909	-2.53223	0.0101105	2.6829	2.6829	0.314405	1.37219	1.37219	0.891701	1.0423	1.0423	3.77158	5.52504	1.30215	1
cg22141797	0.24068	0.716962	-1.39477	0.0915514	1.65413	1.65413	0.409304	1.25682	1.25682	0.198141	1.44545	1.44545	6.59399	7.66281	1.03297	1
cg25259117	0.964796	1.00582	1.00582	0.000244342	0.450893	-2.21782	0.223694	0.845395	-1.18288	0.326725	0.875445	-1.14228	5.0358	1.37666	0.242999	1
cg26868097	0.0177191	1.65924	1.65924	9.42E-06	5.35517	5.35517	8.09E-05	3.48577	3.48577	0.161347	1.30032	1.30032	23.7557	11.5976	0.433957	1
cg04299318	0.856368	0.971604	-1.02923	5.08E-05	0.299065	-3.34375	0.787016	1.044	1.044	0.0525364	0.704349	-1.41975	20.8672	8.35474	0.35589	1
cg27435126	0.106829	1.32595	1.32595	0.103789	0.751971	-1.32984	0.668133	0.933222	-1.07156	0.2015	0.805615	-1.24129	9.95402	4.04834	0.361514	1
cg05328670	0.0874764	1.63286	1.63286	0.00763579	2.43861	2.43861	0.218355	1.40007	1.40007	0.410539	1.2445	1.2445	7.17087	7.67227	0.951042	1
cg09400392	0.0312006	0.640678	-1.56085	0.190146	0.783218	-1.27678	0.350456	1.1844	1.1844	0.768831	1.05327	1.05327	4.62456	2.27128	0.436564	1
cg04985185	0.0900178	0.4511	-2.2168	0.0129303	0.268599	-3.72302	0.784187	0.889624	-1.12407	0.0358713	0.353413	-2.82955	4.44976	12.7915	2.55523	1
cg18828303	2.98E-09	0.00907285	-110.219	?	?	?	0.00174616	0.731447	-1.36715	?	?	?	3731.26	123.481	0.0236383	1
cg01336098	0.370098	1.24036	1.24036	0.00454816	2.42178	2.42178	0.0197475	1.93262	1.93262	0.00916583	0.460962	-2.16938	10.1033	8.76373	0.771033	1
cg08872581	0.925092	0.950057	-1.05257	0.073689	0.337485	-2.9631	0.366788	1.65717	1.65717	0.663321	1.26952	1.26952	5.14659	24.1926	4.1784	1
cg05570079	0.109525	0.307786	-3.24902	0.00589076	0.0877263	-11.3991	0.00481826	0.079996	-12.5006	0.0869488	0.278973	-3.58458	4.3296	31.2756	6.42105	1
cg05184682	3.88E-07	0.00323784	-308.847	?	?	?	?	?	?	0.00523371	2.83596	2.83596	133.674	101.312	0.649633	1
cg04513015	0.181959	1.13881	1.13881	0.00299583	0.688314	-1.45283	0.0397247	0.803984	-1.24381	0.0115863	0.748563	-1.33589	12.312	1.64148	0.11851	1
cg04177015	0.255276	0.740732	-1.35002	0.507565	1.18515	1.18515	0.248099	1.35677	1.35677	0.654736	0.892491	-1.12046	5.3534	5.41365	0.898893	1
cg01511465	0.18582	1.254	1.254	0.0557978	0.704958	-1.41852	0.496962	0.894696	-1.1177	0.811149	0.962115	-1.03938	3.82601	1.57737	0.366467	1
cg01023759	0.868003	1.05395	1.05395	0.126451	0.593177	-1.68584	0.180614	0.638204	-1.5669	0.023857	0.42667	-2.34373	3.49406	5.52231	1.40487	1
cg02025435	0.223713	0.699815	-1.42895	0.120937	1.59935	1.59935	0.0648521	1.7842	1.7842	0.702688	1.11303	1.11303	3.45809	4.27029	1.09766	1
cg07260333	0.033298	0.515595	-1.93951	0.000380464	0.220647	-4.53213	0.679519	1.11697	1.11697	0.00483995	0.369707	-2.70485	8.27954	9.29767	0.998195	1
cg26344168	0.0363089	1.29614	1.29614	0.00394566	1.51174	1.51174	0.426795	0.917157	-1.09033	0.189055	1.15984	1.15984	30.3991	5.46846	0.159901	1
cg25924472	0.422225	0.790929	-1.26434	0.0537053	1.87153	1.87153	0.770918	1.08712	1.08712	0.584182	0.853745	-1.17131	7.25355	9.40336	1.15234	1
cg11564670	0.686701	1.0953	1.0953	0.709153	0.919327	-1.08775	0.120474	1.4595	1.4595	0.530147	1.15346	1.15346	5.30409	4.23369	0.709506	1
cg20553766	0.516029	1.06795	1.06795	0.000319518	1.78884	1.78884	0.205659	0.875221	-1.14257	3.53E-06	0.337178	-2.96579	51.8491	8.18286	0.140285	1
cg19226099	0.190271	1.251	1.251	0.321443	0.847576	-1.17984	0.00396706	0.535036	-1.86903	9.27E-05	0.324234	-3.08419	24.7832	10.2305	0.366933	1
cg06407053	0.0593701	0.650524	-1.53722	0.286491	0.79963	-1.25058	0.00197238	2.41898	2.41898	0.42871	0.849406	-1.17729	7.85481	5.07721	0.574562	1
cg11188443	0.0154566	2.27418	2.27418	0.11954	0.626804	-1.5954	0.695844	0.897046	-1.11477	0.00948187	0.402934	-2.48179	7.04691	8.5352	1.07662	1
cg19984742	0.0770687	1.73473	1.73473	0.657071	1.13338	1.13338	0.0251684	0.474206	-2.10879	0.00640592	0.370134	-2.70173	5.85003	7.27492	1.10539	1
cg01263854	0.168018	0.828075	-1.20762	0.198697	1.19053	1.19053	0.600838	1.07013	1.07013	0.267915	1.15972	1.15972	4.96042	1.29521	0.232097	1
cg13588354	0.0454173	0.520411	-1.92156	0.00305576	0.315156	-3.17303	0.443728	1.24889	1.24889	0.178859	0.665998	-1.50151	4.39085	5.63352	1.14046	1
cg24298684	0.00838848	0.309498	-3.23104	0.000198974	0.113474	-8.81258	0.00119468	0.191316	-5.22695	0.0114783	0.332406	-3.00837	11.0085	21.1474	1.70756	1
cg14179575	0.54549	0.924051	-1.08219	0.00342223	1.67104	1.67104	0.323399	0.876624	-1.14074	0.519128	1.08804	1.08804	6.31529	1.66707	0.234643	1
cg14630382	0.345754	0.711206	-1.40606	0.00528716	0.275179	-3.634	0.00570834	0.280245	-3.56831	0.117649	0.550794	-1.81556	5.12459	9.99702	1.73404	1
cg18890215	0.250027	1.13844	1.13844	0.658232	0.953117	-1.04919	0.756729	1.03408	1.03408	0.0217229	0.74291	-1.34606	9.02265	1.66249	0.163784	1
cg03365354	0.900595	0.988732	-1.0114	0.000137731	0.550053	-1.81801	0.176422	1.1392	1.1392	0.782692	1.02539	1.02539	6.97492	0.908444	0.115773	1
cg04470256	0.527607	0.903656	-1.10662	0.0988254	1.33173	1.33173	0.909841	1.01809	1.01809	0.839509	0.968411	-1.03262	4.13837	1.64228	0.352748	1
cg06273010	0.255209	1.28799	1.28799	0.129569	1.41752	1.41752	0.0970076	0.678359	-1.47415	0.131041	0.706547	-1.41533	4.02137	2.891	0.639031	1
cg03545206	0.676232	1.06329	1.06329	0.672928	1.064	1.064	0.0744568	1.33693	1.33693	0.0492236	1.38817	1.38817	3.50472	1.18501	0.300548	1
cg14478475	0.000149385	3.45578	3.45578	2.04E-06	9.28989	9.28989	0.00363491	0.472843	-2.11487	7.09E-05	3.97144	3.97144	47.9514	27.517	0.51009	1
cg14235811	0.86368	1.03775	1.03775	0.00144516	0.370546	-2.69872	0.00110186	0.354369	-2.82192	0.228435	0.76141	-1.31335	5.85371	4.31094	0.654619	1
cg13752885	0.2512	0.642308	-1.55689	0.154784	0.569883	-1.75475	0.00692965	0.275186	-3.63391	0.171592	0.584246	-1.71161	3.47793	7.51071	1.91958	1
cg13627714	0.0218446	0.331109	-3.02015	3.22E-05	0.0388117	-25.7654	0.00748396	0.250822	-3.9869	0.00214286	0.176928	-5.65202	14.5385	37.1519	2.27147	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26489251	MCART2	0.0185972	0.687246	1.10526	1.10526	0.0965433	0.636881	-1.57015	0.0947811	0.635057	-1.57466	0.0603272	1.68851	1.68851	0.332682	1.28033	1.28033
cg26890839	MCART2	0.0340556	0.543262	0.875272	-1.1425	0.139717	0.708876	-1.41068	0.810672	1.05334	1.05334	0.206951	0.74964	-1.33397	0.609826	1.11788	1.11788
cg16965310	MCART2;MCART2	0.00777937	0.41658	1.14154	1.14154	0.0409308	1.45672	1.45672	0.946034	0.989265	-1.01085	0.00787187	1.72225	1.72225	0.862959	1.02793	1.02793
cg02700348	MCART3P	0.000166134	0.597482	1.10638	1.10638	0.011705	1.81767	1.81767	0.853692	1.03564	1.03564	0.396334	0.84808	-1.17913	0.012362	0.553854	-1.80553
cg14931669	MCART3P	0.000496293	0.000335587	0.264697	-3.7779	0.00043304	0.278304	-3.59319	0.0868427	0.647506	-1.54439	0.00126909	0.339337	-2.94692	0.000172642	0.230814	-4.3325
cg00459440	MCART3P	0.00134032	0.198194	0.798976	-1.2516	0.464112	1.13085	1.13085	0.0428393	0.680663	-1.46916	0.395636	1.15438	1.15438	2.65E-05	0.253934	-3.93804
cg00205157	MCART3P	0.00181812	0.0535869	0.680089	-1.4704	9.29E-05	0.29332	-3.40924	0.00119266	0.433695	-2.30577	0.120257	0.74348	-1.34503	0.88882	1.02491	1.02491
cg14005918	MCART6	0.000255439	0.125948	1.58251	1.58251	0.00386214	0.339911	-2.94194	0.000306033	0.196821	-5.08076	0.854345	0.950333	-1.05226	0.00312927	0.326288	-3.06478
cg17274387	MCART6	0.0259877	0.017763	0.189805	-5.26858	0.0377809	0.249357	-4.01031	0.0919112	0.343117	-2.91445	0.166165	0.426895	-2.3425	0.00266454	0.0911667	-10.9689
cg10440516	MCART6;ZCCHC18;ZCCHC18	0.0227211	0.00892929	0.148871	-6.71723	0.0245444	0.215744	-4.63513	0.486748	0.667226	-1.49874	0.147512	0.41071	-2.43481	0.00685174	0.134638	-7.42733
cg04508984	MCAT;MCAT	3.84E-05	0.0192791	0.480168	-2.0826	3.31E-05	0.123938	-8.06854	1.85E-05	0.104217	-9.59534	0.000914107	0.276757	-3.61328	2.99E-06	0.0558417	-17.9078
cg23937138	MCAT;MCAT	0.000165683	0.0244137	1.89869	1.89869	0.00138051	0.329892	-3.03129	0.00384782	0.394057	-2.5377	0.0431754	1.74395	1.74395	0.000184693	0.220852	-4.52792
cg07344288	MCAT;MCAT	0.000318178	3.99E-05	0.146358	-6.83254	0.622419	0.885592	-1.12919	0.22834	0.733812	-1.36275	0.00537294	2.45299	2.45299	0.00273023	0.363234	-2.75304
cg02233750	MCAT;MCAT	0.000781755	0.707554	1.12413	1.12413	0.42269	1.28951	1.28951	0.0400107	0.47859	-2.08947	0.582248	0.841562	-1.18827	1.82E-05	0.0661481	-15.1176
cg15452819	MCAT;MCAT	0.0251757	0.579876	1.06191	1.06191	0.489336	1.07837	1.07837	0.0600136	1.25598	1.25598	0.00254835	1.56789	1.56789	0.137937	1.18721	1.18721
cg10288850	MCAT;MCAT	0.0329074	0.87262	1.02736	1.02736	0.0158478	1.64401	1.64401	0.110021	1.3405	1.3405	0.465383	1.13313	1.13313	0.0141032	1.66477	1.66477
cg22458780	MCC	3.03E-05	0.0382563	0.7118	-1.40489	0.00683279	0.608951	-1.64217	0.0583987	0.738774	-1.35359	0.0165111	0.660571	-1.51384	7.85E-06	0.249954	-4.00073
cg07014020	MCC	3.18E-05	0.549835	0.85437	-1.17045	2.83E-05	0.117536	-8.50801	7.29E-05	0.15297	-6.53725	0.00025552	0.208742	-4.79061	0.00260493	0.33794	-2.95911
cg24539599	MCC	0.0024821	0.00499981	0.293854	-3.40305	0.000156043	0.118332	-8.45083	0.065558	0.505925	-1.97658	0.223836	0.656183	-1.52397	0.00372847	0.274882	-3.63792
cg02021529	MCC	0.0061718	0.37874	0.767509	-1.30292	0.242558	0.698827	-1.43097	0.000317473	0.181103	-5.52171	0.213119	0.681009	-1.46841	0.0055636	0.343992	-2.90704
cg12552261	MCC	0.0193575	0.660926	0.876512	-1.14089	0.16396	0.641773	-1.55818	0.0945022	0.577617	-1.73125	0.627359	1.15729	1.15729	0.000448355	0.191458	-5.22307
cg13531667	MCC	0.0333484	0.0146293	0.161577	-6.18901	0.00878895	0.132232	-7.56248	0.00934482	0.135501	-7.38004	0.147501	0.389722	-2.56593	0.0380165	0.232611	-4.29903
cg22585954	MCC	0.0351678	0.0309247	0.286395	-3.49169	0.031891	0.28912	-3.45877	0.00922222	0.195732	-5.10904	0.129811	0.44595	-2.2424	0.010935	0.206775	-4.83618
cg01272202	MCC	0.0409051	0.506657	0.829772	-1.20515	0.691294	0.895345	-1.11689	0.133072	0.638375	-1.56648	0.226864	0.703697	-1.42107	0.00822573	0.392092	-2.55042
cg23958684	MCC;MCC	0.000653465	0.180704	0.731071	-1.36786	0.0197005	0.537506	-1.86045	3.34E-05	0.169703	-5.89264	0.812377	1.0538	1.0538	0.246713	1.30599	1.30599
cg08213909	MCC;MCC	0.0012661	0.00170563	0.163054	-6.13294	0.000958494	0.136478	-7.32719	0.00204374	0.172101	-5.81055	0.0645262	0.431407	-2.31799	0.000500083	0.11034	-9.06293
cg22422251	MCC;MCC	0.00193067	0.00891394	0.475025	-2.10515	0.646851	0.901952	-1.10871	0.000200732	0.247573	-4.03921	0.10101	0.669128	-1.49448	0.00130575	0.350945	-2.84945
cg07249274	MCC;MCC	0.00283666	0.120259	0.378438	-2.64244	0.00491723	0.116684	-8.57019	0.320479	0.553299	-1.80734	0.0737364	0.316845	-3.15612	0.58539	0.727885	-1.37384
cg26255261	MCC;MCC	0.00359207	0.000234129	0.506144	-1.97572	0.00316274	0.63758	-1.56843	0.595715	0.941986	-1.06159	0.278936	0.88193	-1.13388	0.402845	1.10026	1.10026
cg09802339	MCC;MCC	0.00420822	0.000104742	0.183265	-5.45657	0.680031	1.1081	1.1081	0.690226	0.905602	-1.10424	0.768268	1.07587	1.07587	0.0136551	0.470002	-2.12765
cg23343131	MCC;MCC	0.00458086	0.946193	1.00925	1.00925	0.288643	1.16215	1.16215	0.00726252	0.623481	-1.6039	0.21437	0.836664	-1.19522	0.372272	0.882526	-1.13311
cg23317604	MCC;MCC	0.00692191	0.00230566	0.170842	-5.85336	0.0154529	0.291471	-3.43088	0.0588635	0.412583	-2.42375	0.0540711	0.403649	-2.4774	0.00312063	0.186909	-5.3502
cg10634669	MCC;MCC	0.00836953	0.402051	0.88148	-1.13446	0.117403	0.778677	-1.28423	0.0269068	1.47037	1.47037	0.000999496	2.05197	2.05197	0.294957	1.17324	1.17324
cg11771002	MCC;MCC	0.0116583	0.369392	0.866127	-1.15456	0.00277866	0.525694	-1.90225	0.0341264	0.680132	-1.4703	0.119859	1.30094	1.30094	0.0287269	1.49514	1.49514
cg02528008	MCC;MCC	0.0120722	0.0217627	0.338479	-2.95439	0.0245286	0.348645	-2.86824	0.0144162	0.305386	-3.27455	0.254461	0.626224	-1.59687	0.0034777	0.210154	-4.75841
cg19880608	MCC;MCC	0.0146812	0.00561344	0.225678	-4.43109	0.0717247	2.27784	2.27784	0.229043	1.67666	1.67666	0.325723	0.660037	-1.51507	0.00707533	0.240515	-4.15775
cg14669842	MCC;MCC	0.0169282	0.175792	1.39038	1.39038	0.305224	0.784214	-1.27516	0.333811	0.795944	-1.25637	0.185261	0.724963	-1.37938	0.00649216	0.444854	-2.24793
cg02551980	MCC;MCC	0.0183378	0.142464	0.449165	-2.22635	0.00106931	0.0859445	-11.6354	0.0612284	0.342754	-2.91754	0.426623	1.50995	1.50995	0.111944	0.41532	-2.40778
cg22660197	MCC;MCC	0.0209476	0.124284	0.726962	-1.37559	0.023777	1.677	1.677	0.574065	1.11495	1.11495	0.896033	1.02537	1.02537	0.00253534	0.44806	-2.23184
cg04614008	MCC;MCC	0.0251002	0.0104054	0.679927	-1.47075	0.652167	0.94719	-1.05575	0.923706	1.01152	1.01152	0.18926	0.846805	-1.18091	0.404787	0.903096	-1.1073
cg11772086	MCC;MCC	0.0256501	0.00553364	0.138532	-7.21855	0.0250975	0.235829	-4.24036	0.0584535	0.313725	-3.18751	0.15194	0.435084	-2.29841	0.0112994	0.179029	-5.58568
cg17449088	MCC;MCC	0.0280935	0.0160758	0.25041	-3.99345	0.0243833	0.283416	-3.52838	0.109603	0.440491	-2.27019	0.439628	0.690416	-1.4484	0.00818522	0.203847	-4.90565
ch.5.2059852R	MCC;MCC	0.0292504	0.00800086	0.0895284	-11.1696	0.00359456	0.0608496	-16.434	0.0260325	0.153274	-6.52427	0.150068	0.334363	-2.99076	0.0395109	0.184377	-5.42366
cg10473266	MCC;MCC	0.0306671	0.0131802	0.292372	-3.4203	0.434224	1.37614	1.37614	0.659276	0.837318	-1.19429	0.401447	1.41007	1.41007	0.0155526	0.305051	-3.27814
cg26676468	MCC;MCC	0.0328304	0.0756038	0.166302	-6.01316	0.0065657	0.0406733	-24.5861	0.0688865	0.157774	-6.33818	0.816952	1.23405	1.23405	0.0331218	0.104407	-9.57794
cg18276155	MCC;MCC	0.0342637	0.00516416	0.126118	-7.92908	0.0663203	0.315114	-3.17346	0.0876935	0.347512	-2.8776	0.190915	0.459999	-2.17392	0.0285448	0.234843	-4.25816
cg08440121	MCC;MCC	0.043343	0.915399	0.980123	-1.02028	0.359729	1.19472	1.19472	0.0499902	0.655532	-1.52548	0.126917	1.36604	1.36604	0.0187582	1.71271	1.71271
cg21081729	MCC;MCC	0.0457464	0.113613	0.343729	-2.90926	0.00302008	0.0803183	-12.4505	0.0817179	0.302182	-3.30927	0.448754	1.61423	1.61423	0.0918275	0.316211	-3.16244
cg19075111	MCC;MCC	0.0492271	0.0105448	0.336727	-2.96976	0.329579	0.711502	-1.40548	0.0671263	0.499489	-2.00205	0.130482	0.575519	-1.73756	0.0143814	0.360347	-2.7751
cg01212284	MCCC1	2.75E-05	0.0637484	0.641062	-1.55991	5.83E-05	0.204155	-4.89823	0.00265391	0.411918	-2.42767	0.0015494	0.378691	-2.64068	1.41E-06	0.0727122	-13.7528
cg04909259	MCCC1	3.93E-05	2.53E-05	2.18446	2.18446	0.000102177	1.90223	1.90223	0.0100505	1.35481	1.35481	0.000735415	1.61512	1.61512	0.000817361	1.60244	1.60244
cg23665837	MCCC1	0.000155114	0.0902236	0.767912	-1.30223	0.734146	0.95293	-1.04939	0.443732	0.895437	-1.11677	0.0769448	0.757157	-1.32073	1.25E-06	0.171158	-5.84255
cg05463257	MCCC1	0.00113562	0.209766	1.10574	1.10574	0.045432	0.83989	-1.19063	0.646568	1.03573	1.03573	0.749495	1.02466	1.02466	0.172581	0.895487	-1.11671
cg12904680	MCCC1	0.00152842	0.697119	0.952233	-1.05016	0.00061584	1.93447	1.93447	5.13E-05	2.58228	2.58228	0.506359	1.08803	1.08803	0.882946	1.01861	1.01861
cg03318940	MCCC1	0.00592663	0.469078	0.762284	-1.31185	0.0639417	0.464257	-2.15398	0.925532	0.966136	-1.03505	0.235372	1.58137	1.58137	0.542887	0.796953	-1.25478
cg13053082	MCCC1	0.0164893	0.0239119	0.350895	-2.84985	0.153759	0.552395	-1.8103	0.0555705	0.430372	-2.32357	0.527263	1.28265	1.28265	0.00169809	0.175124	-5.71024
cg23476885	MCCC1	0.045619	0.717853	0.907224	-1.10226	0.00422991	2.79424	2.79424	0.0323614	1.95875	1.95875	0.364102	0.7786	-1.28436	0.748029	1.09033	1.09033
cg13793354	MCCC2	0.000527161	0.756015	0.938673	-1.06533	0.0174602	0.555707	-1.79951	0.00216196	0.417184	-2.39702	0.678894	0.918946	-1.0882	0.00754318	0.497551	-2.00984
cg12187049	MCCC2	0.0013732	0.0673542	0.753393	-1.32733	0.00017099	0.413762	-2.41685	0.000358292	0.45335	-2.2058	0.110508	0.786438	-1.27156	0.0274976	0.697564	-1.43356
cg26663742	MCCC2	0.00508159	0.0424765	0.649087	-1.54063	0.232411	0.793216	-1.26069	0.0417108	0.647731	-1.54385	0.772584	0.947808	-1.05507	0.00345312	0.479728	-2.08451
cg16320199	MCCC2	0.00806516	0.00528593	0.641468	-1.55892	0.864152	0.979533	-1.02089	0.874841	1.01922	1.01922	0.696214	1.04852	1.04852	0.103459	1.23993	1.23993
cg24034966	MCCC2	0.0113331	0.575142	1.44114	1.44114	0.812377	0.857919	-1.16561	0.821199	0.864258	-1.15706	0.000323706	0.0172114	-58.1011	0.48305	0.631014	-1.58475
cg21626163	MCCC2	0.0191525	0.184509	0.498742	-2.00505	0.0986388	0.408576	-2.44752	0.00689861	0.177545	-5.63239	0.447269	0.681925	-1.46644	0.0720164	0.370638	-2.69805
cg26921068	MCCD1	1.40E-06	1.82E-05	0.522413	-1.91419	0.0518126	0.848485	-1.17857	0.0453874	0.843322	-1.18579	0.0773175	1.15697	1.15697	2.65E-08	0.21865	-4.57352
cg13722605	MCCD1	0.000319301	0.296545	0.81105	-1.23297	0.422693	1.17171	1.17171	0.0179074	1.745	1.745	0.911957	0.978826	-1.02163	1.55E-05	0.17744	-5.6357
cg08954646	MCCD1	0.00455486	0.475835	1.07309	1.07309	0.571445	0.945878	-1.05722	0.0551305	0.809324	-1.2356	0.358712	1.09617	1.09617	0.000463059	0.585102	-1.7091
cg20443451	MCCD1	0.00740861	0.285196	0.700035	-1.4285	0.00792922	2.98569	2.98569	0.26647	0.689374	-1.45059	0.00667442	3.09774	3.09774	0.00544689	0.308919	-3.23709
cg02481669	MCCD1	0.009845	0.590104	0.812543	-1.2307	0.0018968	5.3657	5.3657	0.335093	0.684245	-1.46147	0.377686	0.707857	-1.41271	0.00230106	0.196685	-5.08426
cg10958126	MCCD1	0.0428738	0.474698	1.37503	1.37503	0.00686369	4.63473	4.63473	0.263703	1.66597	1.66597	0.0410646	2.80862	2.80862	0.146861	0.505572	-1.97796
cg14646094	MCCD1;MCCD1	0.00749022	0.022388	0.512577	-1.95093	0.949623	0.984686	-1.01555	?	?	?	0.334971	0.784386	-1.27488	0.00122418	0.314972	-3.17488
cg01136571	MCEE;MPHOSPH10	0.00380329	0.991608	0.999024	-1.00098	0.440507	0.929569	-1.07577	0.37706	0.919288	-1.0878	0.281133	0.901221	-1.10961	0.99795	1.00024	1.00024
cg25220716	MCF2	6.84E-05	0.0113949	0.53994	-1.85206	0.51242	1.13801	1.13801	0.00717899	0.508973	-1.96474	0.00100115	0.386501	-2.58732	1.53E-06	0.0938964	-10.65
cg26445203	MCF2	0.00953681	0.0652958	0.623402	-1.6041	0.0359408	0.572758	-1.74594	0.0202587	0.527666	-1.89514	0.0050176	0.428357	-2.3345	0.000362806	0.271059	-3.68924
cg06109624	MCF2;MCF2	0.0437894	0.544143	1.45681	1.45681	0.311573	0.52645	-1.89951	0.0241965	0.192629	-5.19132	0.121968	0.357952	-2.79367	0.0154831	0.161999	-6.17289
cg09678836	MCF2L	0.000639102	0.6119	0.903623	-1.10666	0.718634	1.07429	1.07429	0.165794	0.746213	-1.3401	0.972339	1.00689	1.00689	0.776438	0.94517	-1.05801
cg00127894	MCF2L	0.0086593	0.176226	0.847012	-1.18062	0.926063	1.01078	1.01078	0.0596887	0.782399	-1.27812	0.72282	1.04198	1.04198	0.294777	0.882078	-1.13369
cg15179805	MCF2L	0.010167	0.120343	0.808565	-1.23676	0.00222785	1.71641	1.71641	0.00351179	1.64755	1.64755	0.810382	1.03078	1.03078	0.0450197	1.33656	1.33656
cg17621241	MCF2L	0.0113683	0.553035	0.809761	-1.23493	0.00534303	3.63384	3.63384	0.351942	0.714027	-1.40051	0.98193	1.008	1.008	0.0273979	0.399483	-2.50324
cg23137531	MCF2L	0.0456848	0.0202355	0.328998	-3.03953	0.842905	0.924242	-1.08197	0.244737	1.62116	1.62116	0.521157	0.772444	-1.29459	0.0104035	0.277759	-3.60025
cg25737410	MCF2L2	6.31E-06	0.411074	1.09379	1.09379	0.822212	1.02429	1.02429	0.0195337	1.35123	1.35123	0.117963	0.834384	-1.19849	0.00629718	0.684185	-1.46159
cg14666404	MCF2L2	0.000410976	0.0519705	0.61829	-1.61736	0.625813	0.89865	-1.11278	0.000152301	0.243498	-4.10681	0.000217652	0.261586	-3.82284	0.0230427	0.553746	-1.80588
cg06170203	MCF2L2	0.00856309	0.0895824	0.735099	-1.36036	0.00883131	1.73006	1.73006	0.609728	1.08834	1.08834	0.0329502	1.50703	1.50703	0.420482	0.873426	-1.14492
cg21200353	MCF2L2	0.0129541	0.79335	1.09973	1.09973	0.560897	1.23728	1.23728	0.336429	1.43175	1.43175	0.155337	1.73429	1.73429	0.417974	1.34946	1.34946
cg24167606	MCF2L2	0.0144148	0.01174	0.309293	-3.23318	0.029327	0.384076	-2.60365	0.00173223	0.189054	-5.2895	0.129822	0.54334	-1.84047	0.0130404	0.317212	-3.15246
cg25510965	MCF2L2	0.0240723	0.0475591	0.648659	-1.54164	0.0375133	0.63065	-1.58566	0.00896963	0.530046	-1.88663	0.831143	0.960033	-1.04163	0.191696	0.767974	-1.30213
cg05489252	MCF2L2	0.0379604	0.936245	1.01127	1.01127	0.00540466	0.59875	-1.67015	0.0650745	0.748157	-1.33662	0.443949	1.11553	1.11553	0.0325171	0.704303	-1.41984
cg05502478	MCF2L2	0.0432665	0.178962	0.634077	-1.57709	0.522214	0.813045	-1.22994	0.046183	0.48242	-2.07288	0.0709834	0.525358	-1.90347	0.0538972	0.497413	-2.0104
cg14761246	MCF2L2	0.0465177	0.950438	0.978861	-1.0216	0.687619	1.14904	1.14904	0.491404	1.27152	1.27152	0.671312	1.15802	1.15802	0.307534	1.43771	1.43771
cg16421901	MCF2L2	0.0498744	0.10569	2.04832	2.04832	0.298935	1.54771	1.54771	0.75333	1.13644	1.13644	0.279124	1.57856	1.57856	0.00497382	0.221247	-4.51983
cg21450829	MCF2L2;B3GNT5	5.56E-06	0.000159558	0.448067	-2.23181	0.00328588	0.607526	-1.64602	6.21E-06	0.284393	-3.51626	0.00126925	0.557082	-1.79507	3.13E-07	0.156034	-6.40888
cg23655039	MCF2L2;B3GNT5	3.21E-05	0.00227322	3.07022	3.07022	0.0514376	1.79083	1.79083	0.601931	1.14831	1.14831	0.14708	0.664404	-1.50511	3.10E-05	0.118121	-8.46593
cg02958321	MCF2L2;B3GNT5	0.00027416	0.645449	1.136	1.136	0.0455471	0.531988	-1.87974	0.676086	1.12261	1.12261	0.227866	0.705815	-1.4168	0.00124702	0.273071	-3.66205
cg17701886	MCF2L2;B3GNT5	0.000789481	0.00678048	0.287687	-3.476	0.0945983	0.520804	-1.92011	0.0125254	0.331924	-3.01274	0.00455066	0.261363	-3.8261	0.000107115	0.0883542	-11.3181
cg26215406	MCF2L2;B3GNT5	0.000857465	0.255928	1.51645	1.51645	0.945743	0.976388	-1.02418	0.663318	1.16625	1.16625	0.0177368	0.363363	-2.75207	8.25E-05	0.0828964	-12.0632
cg21794419	MCF2L2;B3GNT5	0.00156691	0.383411	1.26651	1.26651	0.53934	1.17853	1.17853	0.00599233	0.386955	-2.58428	0.00382078	0.356678	-2.80365	9.44E-05	0.158924	-6.2923
cg15510249	MCF2L2;B3GNT5	0.00263379	0.00712863	0.227281	-4.39983	0.0320649	0.342821	-2.91697	0.0200277	0.302281	-3.30818	0.00248932	0.166649	-6.00065	0.00067862	0.109242	-9.15396
cg27324128	MCF2L2;B3GNT5	0.00316306	0.0814303	0.564152	-1.77257	0.316244	1.35947	1.35947	0.0255041	0.455345	-2.19614	0.260112	0.705996	-1.41644	9.20E-05	0.126215	-7.92298
cg01720186	MCF2L2;B3GNT5	0.00633752	0.0246435	0.297011	-3.36688	0.101912	0.443856	-2.25298	0.0680351	0.395686	-2.52726	0.00627377	0.198791	-5.0304	0.00183707	0.134331	-7.44432
cg19998675	MCF2L2;B3GNT5	0.0137151	0.229816	0.618406	-1.61706	0.00693603	3.79108	3.79108	0.353529	0.694808	-1.43925	0.427659	1.36194	1.36194	0.425157	0.732966	-1.36432
cg16262284	MCF2L2;B3GNT5	0.0317146	0.35777	0.834241	-1.19869	0.0129429	0.553681	-1.80609	0.602384	1.10597	1.10597	0.00474897	2.05155	2.05155	0.412139	0.851552	-1.17433
cg26436136	MCF2L2;B3GNT5	0.0355306	0.374552	1.25491	1.25491	0.562755	0.86435	-1.15694	0.00220097	0.343226	-2.91353	0.366264	1.26017	1.26017	0.192167	0.70898	-1.41048
cg03657573	MCF2L2;B3GNT5	0.0466696	0.102834	11.3211	11.3211	0.486679	2.61429	2.61429	0.0792241	14.1472	14.1472	0.0775012	0.0693765	-14.4141	0.19829	0.157451	-6.35119
cg27239157	MCF2L2;MCF2L2	0.000651556	0.493264	0.921342	-1.08537	1.95E-05	2.77336	2.77336	0.00545141	1.53794	1.53794	0.388845	1.10958	1.10958	0.13177	0.82568	-1.21112
cg03712823	MCF2L;MCF2L	5.51E-07	0.000754562	0.660183	-1.51473	0.00029553	0.61935	-1.6146	7.64E-07	0.339031	-2.94959	0.00643994	0.749755	-1.33377	5.60E-07	0.324339	-3.0832
cg12097191	MCF2L;MCF2L	1.15E-05	0.000101481	2.26402	2.26402	2.53E-06	3.8582	3.8582	0.0881067	0.79986	-1.25022	8.79E-06	3.14153	3.14153	0.000198017	2.10006	2.10006
cg09039367	MCF2L;MCF2L	1.31E-05	0.0548743	0.723481	-1.38221	0.000531685	0.448511	-2.2296	0.00294008	1.83525	1.83525	0.000633812	0.45823	-2.18231	1.77E-06	0.169838	-5.88797
cg16122370	MCF2L;MCF2L	9.55E-05	0.811582	1.06759	1.06759	0.0485688	0.539512	-1.85353	0.000334662	4.87741	4.87741	0.151783	1.52283	1.52283	3.14E-05	0.108297	-9.2339
cg09361821	MCF2L;MCF2L	0.000141253	0.442817	1.1496	1.1496	0.000130416	3.2662	3.2662	0.00506077	1.93546	1.93546	0.00817367	0.547156	-1.82763	0.00545674	0.521412	-1.91787
cg25686649	MCF2L;MCF2L	0.000224234	0.148888	0.77449	-1.29117	0.000358029	2.57401	2.57401	0.00137886	2.15085	2.15085	0.13856	1.30112	1.30112	2.71E-05	0.25476	-3.92527
cg12611832	MCF2L;MCF2L	0.000580004	0.00672382	0.437453	-2.28596	0.00440723	2.44546	2.44546	0.000425727	3.71587	3.71587	0.0600771	1.64703	1.64703	0.0019512	0.356822	-2.80252
cg19053287	MCF2L;MCF2L	0.000880112	0.397536	1.13024	1.13024	0.00101808	0.502274	-1.99095	0.0327926	1.42325	1.42325	0.00596029	1.66221	1.66221	0.00247389	1.81249	1.81249
cg20723941	MCF2L;MCF2L	0.00110052	0.00122193	0.514287	-1.94444	0.213724	1.20202	1.20202	0.58019	1.08168	1.08168	0.849242	0.973609	-1.02711	0.0113356	0.640434	-1.56144
cg02658528	MCF2L;MCF2L	0.00189059	0.0386907	0.430041	-2.32536	0.57022	0.816917	-1.22412	0.0733067	0.49467	-2.02155	0.621367	1.19181	1.19181	0.0036893	0.250785	-3.98747
cg13108304	MCF2L;MCF2L	0.00205206	0.191665	1.42397	1.42397	0.0054344	2.54808	2.54808	0.000577069	3.90356	3.90356	0.0406964	1.8298	1.8298	0.424632	0.811805	-1.23182
cg20430656	MCF2L;MCF2L	0.00231527	0.0952947	1.64261	1.64261	0.000103082	6.428	6.428	0.00202326	3.2511	3.2511	0.0261181	2.04367	2.04367	0.638008	1.13693	1.13693
cg25533133	MCF2L;MCF2L	0.00279674	0.271057	0.683266	-1.46356	0.0297202	0.427218	-2.34072	0.0890205	1.86528	1.86528	0.169311	0.614659	-1.62692	0.241977	0.665604	-1.50239
cg08763929	MCF2L;MCF2L	0.00294049	0.0806117	1.75285	1.75285	0.000163691	6.43682	6.43682	0.00546084	2.8821	2.8821	0.00890488	2.62207	2.62207	0.328698	1.33909	1.33909
cg16384797	MCF2L;MCF2L	0.00354309	0.000940192	0.31887	-3.13607	0.0554109	0.604756	-1.65356	0.16287	0.708189	-1.41205	0.328224	0.791555	-1.26334	0.000835143	0.312046	-3.20466
cg04024481	MCF2L;MCF2L	0.00375584	0.00364686	0.184427	-5.4222	0.00814291	0.233156	-4.28897	0.0379838	0.355512	-2.81284	0.012808	0.264736	-3.77734	0.00379055	0.186577	-5.35972
cg26793447	MCF2L;MCF2L	0.00408397	0.0788051	1.34549	1.34549	0.194399	0.811625	-1.2321	0.168153	0.799877	-1.25019	0.0665859	1.36716	1.36716	0.19869	1.22937	1.22937
cg26886066	MCF2L;MCF2L	0.00511665	0.00247804	0.33447	-2.9898	0.00211538	0.324628	-3.08045	0.926199	1.02441	1.02441	0.0784932	0.601195	-1.66335	0.0620151	0.578639	-1.72819
cg00844074	MCF2L;MCF2L	0.00534582	0.844347	0.953157	-1.04915	0.00107779	0.307784	-3.24903	0.0108459	2.18328	2.18328	0.931438	0.979217	-1.02122	0.00172738	0.335852	-2.9775
cg02676602	MCF2L;MCF2L	0.00569745	0.227991	0.688594	-1.45223	0.000157491	0.148648	-6.72731	0.437046	0.791548	-1.26335	0.727872	1.10849	1.10849	0.0194161	0.434626	-2.30083
cg16318226	MCF2L;MCF2L	0.00584747	0.171162	1.33403	1.33403	0.00020708	3.41693	3.41693	0.00177058	2.41241	2.41241	0.262725	1.25982	1.25982	0.702722	0.926958	-1.0788
cg01679542	MCF2L;MCF2L	0.00621546	0.552544	0.873663	-1.14461	0.151112	1.41313	1.41313	0.0139273	0.505193	-1.97944	0.520554	1.15765	1.15765	0.0048253	0.431528	-2.31735
cg13828378	MCF2L;MCF2L	0.00622093	0.648243	0.885444	-1.12938	0.000134639	5.76449	5.76449	0.00871012	2.42406	2.42406	0.54395	1.17669	1.17669	0.545687	1.17584	1.17584
cg14421668	MCF2L;MCF2L	0.00716017	0.781299	0.88326	-1.13217	0.0855966	2.33389	2.33389	0.132095	2.06458	2.06458	0.233803	1.74499	1.74499	0.000725837	0.101012	-9.89983
cg21515347	MCF2L;MCF2L	0.0072162	0.457636	1.17857	1.17857	0.337607	0.806749	-1.23954	0.000529802	0.309662	-3.22933	0.615832	0.895926	-1.11616	0.00684352	0.467258	-2.14015
cg13427402	MCF2L;MCF2L	0.00759979	0.00455274	0.286534	-3.48999	0.494207	1.25813	1.25813	0.451972	1.28848	1.28848	0.304368	1.42168	1.42168	0.000337506	0.147891	-6.76175
cg23829380	MCF2L;MCF2L	0.00801843	0.538083	1.14268	1.14268	0.146153	1.39622	1.39622	0.000511203	3.19279	3.19279	0.537383	1.14295	1.14295	0.199138	0.748066	-1.33678
cg04691944	MCF2L;MCF2L	0.00826266	0.778796	1.06088	1.06088	0.0322498	0.590778	-1.69268	0.0226417	0.563948	-1.77321	0.0617837	1.55505	1.55505	0.00183162	2.53238	2.53238
cg19414016	MCF2L;MCF2L	0.00978781	0.634119	0.90045	-1.11056	0.00509944	2.24668	2.24668	0.0011905	2.82675	2.82675	0.366786	0.816465	-1.22479	0.633522	0.900282	-1.11076
cg24746106	MCF2L;MCF2L	0.0100761	0.040472	7.06078	7.06078	0.000289011	132.239	132.239	0.0229414	9.46273	9.46273	0.125151	3.93934	3.93934	0.303482	2.41168	2.41168
cg02810375	MCF2L;MCF2L	0.01082	0.0900227	0.650387	-1.53755	0.000869394	0.316563	-3.15893	0.779546	0.937437	-1.06674	0.313245	1.27142	1.27142	0.0153173	0.503912	-1.98447
cg03981246	MCF2L;MCF2L	0.0119642	0.636882	0.866246	-1.15441	0.00532775	3.03017	3.03017	0.119268	0.600194	-1.66613	0.276195	0.710329	-1.4078	0.00166558	0.257151	-3.88876
cg02347312	MCF2L;MCF2L	0.0124646	0.0725469	0.518322	-1.9293	0.000283584	0.142968	-6.99459	0.427518	0.766664	-1.30435	0.858433	1.06031	1.06031	0.0725469	0.518322	-1.9293
cg21847368	MCF2L;MCF2L	0.0148579	0.00546214	2.34911	2.34911	0.0477438	1.69728	1.69728	0.00209443	2.74993	2.74993	0.033879	1.784	1.784	0.0103539	2.12702	2.12702
cg27359668	MCF2L;MCF2L	0.0149208	0.318444	0.707801	-1.41283	0.389904	1.34352	1.34352	0.452968	0.773957	-1.29206	0.0834653	0.526163	-1.90055	0.0080444	0.320487	-3.12025
cg02861456	MCF2L;MCF2L	0.0151998	0.934563	0.975363	-1.02526	0.0106574	2.6521	2.6521	0.828882	0.936361	-1.06796	0.524272	1.21657	1.21657	0.0254097	0.446168	-2.24131
cg11521563	MCF2L;MCF2L	0.0159401	0.0321382	0.474901	-2.1057	0.0445376	0.504374	-1.98266	0.61801	0.861432	-1.16086	0.893023	1.04073	1.04073	0.00540811	0.33748	-2.96314
cg08248134	MCF2L;MCF2L	0.0174148	0.00409252	1.8269	1.8269	0.589992	1.08882	1.08882	0.607765	0.922207	-1.08435	0.018989	1.55938	1.55938	0.124839	0.771126	-1.2968
cg22004422	MCF2L;MCF2L	0.0192982	0.0334155	0.624252	-1.60192	0.0153875	1.75731	1.75731	0.00540029	2.00224	2.00224	0.130855	1.36242	1.36242	0.967084	1.00785	1.00785

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26489251	0.341017	1.2746	1.2746	0.00116613	3.25065	3.25065	0.0857674	1.5993	1.5993	0.85934	0.957084	-1.04484	4.82183	4.66972	0.860848	1
cg26890839	0.238002	1.30684	1.30684	0.00286539	2.4309	2.4309	0.0192306	1.84633	1.84633	0.589004	1.12536	1.12536	3.90554	2.8996	0.659941	1
cg16965310	0.0459019	1.44028	1.44028	0.0010439	2.16789	2.16789	0.0016244	2.05461	2.05461	0.878489	0.975901	-1.02469	6.40017	2.57695	0.3579	1
cg02700348	0.00183441	0.431862	-2.31555	7.09E-06	6.57564	6.57564	0.00607097	1.97336	1.97336	0.755121	1.06115	1.06115	19.3171	11.0108	0.506672	1
cg14931669	0.0372751	0.57372	-1.74301	0.103586	1.50549	1.50549	0.778133	0.937143	-1.06707	0.00280462	0.388134	-2.57643	14.32	11.9798	0.743621	1
cg00459440	0.340662	0.850399	-1.17592	0.0181224	1.60576	1.60576	0.79108	0.957131	-1.04479	0.503351	0.893973	-1.1186	10.824	4.66872	0.383406	1
cg00205157	0.0786023	0.709226	-1.40999	0.116692	1.34957	1.34957	0.117335	0.741432	-1.34874	0.00963849	0.562021	-1.77929	9.91294	4.85644	0.435475	1
cg14005918	0.104841	0.611797	-1.63453	2.56E-05	0.0988357	-10.1178	0.500498	1.20873	1.20873	0.000475236	0.218476	-4.57717	17.1888	20.9206	1.08187	1
cg17274387	0.339546	0.566949	-1.76383	0.114384	2.6912	2.6912	0.903281	0.932315	-1.0726	0.176612	0.436872	-2.289	4.29878	22.6278	4.6789	1
cg10440516	0.184152	0.446335	-2.24047	0.0034972	0.103461	-9.66544	0.141484	0.404414	-2.47272	0.0474334	0.272932	-3.66392	4.50374	23.3868	4.61578	1
cg04508984	0.00600373	0.394325	-2.53598	0.957398	0.98625	-1.01394	0.00844405	0.418261	-2.39085	0.00237467	0.333465	-2.99882	28.5517	30.3751	0.945657	1
cg23937138	0.013565	2.07575	2.07575	9.59E-05	0.190191	-5.25786	0.00975248	0.45774	-2.18465	0.00540025	0.416625	-2.40024	19.3312	17.5006	0.804711	1
cg07344288	0.00145402	0.324372	-3.08288	0.00792271	0.434495	-2.30152	0.00233777	0.353445	-2.82929	0.00261515	0.360503	-2.7739	16.1872	15.3621	0.84358	1
cg02233750	0.542347	0.825734	-1.21104	0.00080304	0.207901	-4.80998	0.0246944	0.435875	-2.29424	0.101669	0.573303	-1.74428	12.6137	19.2573	1.35707	1
cg15452819	0.272857	1.13043	1.13043	0.81584	0.975249	-1.02538	0.0200621	0.739804	-1.35171	0.11438	1.20259	1.20259	4.34663	0.794432	0.162462	1
cg10288850	0.0438788	0.677295	-1.47646	0.301454	0.83518	-1.19735	0.172098	0.783079	-1.27701	0.275352	1.21035	1.21035	3.95404	1.77234	0.39843	1
cg22458780	0.939727	1.01076	1.01076	9.26E-07	0.159258	-6.27911	0.00337292	0.568661	-1.75852	0.00307887	0.563505	-1.77461	30.3851	9.64479	0.28215	1
cg07014020	0.000463559	0.238661	-4.19005	2.78E-06	0.0537127	-18.6176	0.0112216	0.437603	-2.28518	0.000162642	0.187526	-5.3326	30.006	32.1555	0.952565	1
cg24539599	0.0294295	0.42931	-2.32932	0.00618866	0.308196	-3.24468	0.00236695	0.247147	-4.04618	0.242689	0.668254	-1.49644	9.05116	15.5813	1.5302	1
cg02021529	0.064297	0.543837	-1.83879	0.059099	1.86725	1.86725	0.389802	0.772429	-1.29462	0.0360969	0.48958	-2.04257	6.87889	9.35356	1.20866	1
cg12552261	0.0233037	0.445063	-2.24687	0.111623	0.596056	-1.6777	0.604046	0.855366	-1.16909	0.292965	0.721964	-1.38511	4.75696	6.71801	1.25533	1
cg13531667	0.101946	0.337753	-2.96074	0.0248614	0.198071	-5.0487	0.494884	0.656882	-1.52234	0.0879522	0.319243	-3.13241	3.93517	22.9129	5.17564	1
cg22585954	0.0446041	0.32048	-3.12032	0.0197123	0.249106	-4.01435	0.33876	0.614716	-1.62677	0.0909044	0.398901	-2.50689	3.86044	14.8888	3.42822	1
cg01272202	0.00247285	0.31177	-3.2075	0.466814	1.22763	1.22763	0.759678	0.918531	-1.08869	0.20557	0.690828	-1.44754	3.65286	4.43785	1.07991	1
cg23958684	0.000207493	0.254441	-3.93018	0.564168	1.1371	1.1371	0.862902	0.962625	-1.03883	0.0357885	0.583696	-1.71322	13.2639	10.2035	0.683795	1
cg08213909	0.0473667	0.399131	-2.50544	0.000414851	0.103543	-9.65785	0.00595166	0.233166	-4.28878	0.0414409	0.385942	-2.59107	11.0019	28.5596	2.30744	1
cg22422251	0.0291966	0.562776	-1.77691	0.000626728	0.308393	-3.24261	0.59952	0.888224	-1.12584	0.0485014	0.603971	-1.65571	9.74144	7.72115	0.704541	1
cg07249274	6.36E-05	0.0143824	-69.5294	0.00580895	0.124556	-8.02852	0.265808	0.512448	-1.95142	0.0259894	0.217927	-4.5887	8.7014	45.8119	4.6799	1
cg26255261	0.718685	1.0412	1.0412	0.767126	1.0337	1.0337	0.0159113	1.39032	1.39032	0.990478	0.998669	-1.00133	8.11049	1.6001	0.175367	1
cg09802339	0.527003	0.8533	-1.17192	0.702886	0.909506	-1.0995	0.377091	0.799049	-1.25149	0.00519767	0.40137	-2.49146	7.73313	7.50312	0.86245	1
cg23343131	0.00106612	0.516952	-1.93442	0.0101722	1.55605	1.55605	0.122919	0.796113	-1.2561	0.00738302	0.624413	-1.60151	7.53687	2.22158	0.262011	1
cg23317604	0.131879	0.509262	-1.96363	0.00125874	0.141742	-7.05506	0.0798513	0.446432	-2.23998	0.0121394	0.273312	-3.65882	6.63829	18.1002	2.42367	1
cg10634669	0.314953	1.16515	1.16515	0.00264082	1.84421	1.84421	0.575563	0.920162	-1.08677	0.445729	1.12113	1.12113	6.2545	2.14333	0.304609	1
cg11771002	0.149768	0.786032	-1.27221	0.0244673	1.51875	1.51875	0.751496	0.951677	-1.05078	0.967433	0.993655	-1.00639	5.62592	2.16578	0.342191	1
cg02528008	0.0630302	0.43931	-2.2763	0.00272904	0.196438	-5.09067	0.0142769	0.304639	-3.28257	0.0289007	0.36302	-2.75467	5.56266	13.6308	2.17815	1
cg19880608	0.310896	1.53613	1.53613	0.582363	0.796603	-1.25533	0.324569	1.51667	1.51667	0.0236968	0.330996	-3.02118	5.2176	13.8521	2.35989	1
cg14669842	0.0615162	0.617403	-1.61969	0.00329585	0.399877	-2.50077	0.457407	0.840918	-1.18918	0.00688625	0.44889	-2.22772	4.97653	4.1314	0.737936	1
cg02551980	0.540086	0.729873	-1.3701	0.00474411	0.148976	-6.71247	0.80713	0.883232	-1.1322	0.489778	0.70036	-1.42784	4.84471	19.7739	3.62803	1
cg22660197	0.371985	0.838935	-1.19199	0.0312966	1.62264	1.62264	0.941787	0.986105	-1.01409	0.771963	1.05726	1.05726	4.63098	2.6925	0.516809	1
cg04614008	0.152772	0.832678	-1.20094	0.000683487	0.537747	-1.85961	0.847281	0.977209	-1.02332	0.639074	0.945083	-1.05811	4.35118	0.985291	0.201282	1
cg11772086	0.048917	0.295462	-3.38453	0.0103393	0.173512	-5.7633	0.615451	0.759872	-1.31601	0.0457158	0.288806	-3.46254	4.31845	20.1065	4.13862	1
cg17449088	0.565781	0.761206	-1.3137	0.00675617	0.191985	-5.20873	0.396297	1.50423	1.50423	0.191757	0.522291	-1.91464	4.18287	14.6349	3.11002	1
ch.5.2059852R	0.227668	0.406914	-2.45752	0.0307549	0.165047	-6.05887	0.0726386	0.241224	-4.14552	0.377726	0.525908	-1.90147	4.12367	32.9247	7.09717	1
cg10473266	0.0530329	2.41024	2.41024	0.046359	0.401262	-2.49214	0.25488	1.60912	1.60912	0.396866	0.706697	-1.41503	4.055	10.2832	2.25415	1
cg26676468	0.0930144	0.18709	-5.34503	0.00684277	0.0417066	-23.977	0.091367	0.185193	-5.39978	0.0585558	0.14395	-6.94685	3.95737	51.5641	11.5821	1
cg18276155	0.267053	0.522902	-1.9124	0.0124132	0.174664	-5.72526	0.505511	0.684656	-1.46059	0.0126802	0.176015	-5.68135	3.89696	19.4054	4.42634	1
cg08440121	0.975364	0.994183	-1.00585	0.00575798	1.98122	1.98122	0.84152	1.03855	1.03855	0.971538	1.00676	1.00676	3.57526	2.02131	0.502543	1
cg21081729	0.698197	0.785284	-1.27342	0.0174727	0.1662	-6.01684	0.527849	0.672493	-1.487	0.471821	0.635078	-1.57461	3.50385	21.3537	5.41721	1
cg19075111	0.241016	0.660198	-1.5147	0.0496001	0.4687	-2.13356	0.313601	1.42272	1.42272	0.0695334	0.503211	-1.98724	3.40824	6.17743	1.61111	1
cg01212284	0.0877495	0.668942	-1.4949	6.44E-05	0.208712	-4.79129	0.42287	1.19082	1.19082	0.000109049	0.233594	-4.28092	31.158	22.4601	0.640753	1
cg04909259	0.0929341	1.1886	1.1886	2.95E-06	2.83614	2.83614	0.00327443	1.45444	1.45444	0.000122741	1.87081	1.87081	28.3773	3.92619	0.122984	1
cg23665837	0.0464807	0.724313	-1.38062	0.338782	1.14965	1.14965	0.331108	0.867767	-1.15238	0.0340296	0.704727	-1.41899	19.6782	6.2346	0.281624	1
cg05463257	0.742994	1.02534	1.02534	2.56E-05	1.88625	1.88625	0.205751	0.903477	-1.10684	0.0356768	0.830351	-1.20431	11.3488	1.03935	0.081406	1
cg12904680	0.786466	1.03456	1.03456	0.222664	0.851834	-1.17394	0.875557	1.01981	1.01981	0.131618	1.2259	1.2259	10.4231	2.58507	0.220456	1
cg03318940	0.823675	0.921052	-1.08572	0.000169148	0.0946281	-10.5677	0.0692328	0.472804	-2.11504	0.0460084	2.32256	2.32256	6.96556	14.9809	1.91175	1
cg13053082	0.0415315	0.401165	-2.49274	0.00644258	0.252353	-3.9627	0.7947	0.903623	-1.10666	0.0711402	0.456857	-2.18887	5.02037	12.0085	2.12618	1
cg23476885	0.28837	1.34414	1.34414	0.0318666	1.9638	1.9638	0.529201	1.18655	1.18655	0.0653065	1.74229	1.74229	3.50752	3.99972	1.01362	1
cg13793354	0.41577	0.8446	-1.18399	0.00420641	0.459155	-2.17792	0.00364394	0.449948	-2.22248	0.000105814	4.01488	4.01488	14.0822	9.19561	0.580441	1
cg12187049	0.32365	1.15121	1.15121	0.822067	1.0316	1.0316	0.17512	1.22043	1.22043	0.152842	1.23553	1.23553	10.749	3.24861	0.268644	1
cg26663742	0.23324	0.793573	-1.26012	0.892793	0.975365	-1.02526	0.23069	1.26188	1.26188	0.000194337	0.313521	-3.18958	7.30241	3.95769	0.481752	1
cg16320199	0.00361281	0.621464	-1.6091	0.116628	0.813933	-1.2286	0.169722	0.838094	-1.19318	0.00700873	1.52356	1.52356	6.32797	1.46148	0.205294	1
cg24034966	0.129931	0.344151	-2.9057	?	?	?	0.942199	1.04783	1.04783	0.0226185	0.163651	-6.11056	6.54478	37.4431	5.00593	1
cg21626163	0.0529426	0.337184	-2.96574	0.00271755	0.129202	-7.73979	0.069768	0.367034	-2.72455	0.127214	2.25966	2.25966	4.77413	18.4705	3.43899	1
cg26921068	0.379311	0.935229	-1.06926	0.00073167	0.683089	-1.46394	0.110058	1.13805	1.13805	1.16E-05	0.501642	-1.99345	67.2927	5.875	0.0776046	1
cg13722605	0.00100748	0.388937	-2.57111	0.000995578	0.388241	-2.57572	0.293353	0.809841	-1.23481	0.0399366	0.631611	-1.58325	16.1716	9.58932	0.527088	1
cg08954646	0.0386159	0.792097	-1.26247	0.246093	1.12527	1.12527	0.00492263	0.695972	-1.43684	0.0073045	0.714224	-1.40012	7.5499	1.1319	0.133264	1
cg20443451	0.117336	0.578982	-1.72717	0.459329	1.27386	1.27386	0.0490712	2.05813	2.05813	0.308762	0.712888	-1.40274	6.49891	10.6236	1.45305	1
cg02481669	0.350068	1.44363	1.44363	0.834417	0.923206	-1.08318	0.319214	0.675074	-1.48132	0.0533942	0.432753	-2.31079	5.94021	13.7079	2.05125	1
cg10958126	0.631431	0.809178	-1.23582	0.065658	0.404558	-2.47184	0.170688	1.8948	1.8948	0.984815	0.991697	-1.00837	3.58977	10.911	2.70175	1
cg14646094	0.0164862	0.488891	-2.04544	0.00374167	0.384381	-2.60158	0.178579	1.41773	1.41773	0.287026	0.763367	-1.30999	6.61037	5.55156	0.839826	1
cg01136571	0.0211957	0.773178	-1.29336	9.95E-05	0.526673	-1.89871	0.277771	1.11048	1.11048	0.0379358	1.25037	1.25037	7.97259	1.08846	0.121356	1
cg25220716	0.0692567	1.48513	1.48513	0.434893	1.16769	1.16769	0.132818	1.37105	1.37105	0.238313	1.27168	1.27168	24.4977	14.6909	0.533053	1
cg26445203	0.45752	0.841318	-1.18861	0.14508	0.699506	-1.42958	0.32198	0.791627	-1.26322	0.0625373	0.619589	-1.61397	6.00079	4.95703	0.734277	1
cg06109624	0.169412	0.407742	-2.45253	0.00461098	0.0992091	-10.0797	0.384139	0.578746	-1.72787	0.095047	0.32491	-3.07778	3.56164	21.1868	5.28767	1
cg09678836	0.7102	0.928736	-1.07673	5.42E-06	0.130298	-7.67472	0.458264	1.16137	1.16137	0.181634	0.755142	-1.32425	13.3466	8.2928	0.552305	1
cg00127894	0.00541604	0.655298	-1.52602	0.00114937	0.57592	-1.73635	0.444275	1.09424	1.09424	0.0254593	1.35885	1.35885	6.18758	1.30676	0.187725	1
cg15179805	0.225266	0.851614	-1.17424	0.270255	0.865216	-1.15578	0.379456	0.892515	-1.12043	0.242507	1.16679	1.16679	5.87936	1.48107	0.223919	1
cg17621241	0.454037	1.30758	1.30758	0.00165596	0.205358	-4.86954	0.143872	0.57571	-1.73699	0.852697	1.06754	1.06754	5.67193	11.1072	1.74068	1
cg23137531	0.989492	0.994785	-1.00524	0.00909601	0.268238	-3.72803	0.884013	1.05967	1.05967	0.810794	0.909168	-1.09991	3.50563	8.75252	2.2193	1
cg25737410	0.000165412	1.98305	1.98305	0.000227351	0.520204	-1.92232	0.355047	0.903506	-1.1068	1.87E-07	5.48356	5.48356	45.6972	8.23297	0.160145	1
cg14666404	0.00733993	0.471657	-2.12019	6.93E-05	0.205823	-4.85854	0.211944	1.33099	1.33099	0.126935	0.698395	-1.43185	15.0871	11.2986	0.665678	1
cg06170203	0.315288	1.18618	1.18618	0.00120682	0.458607	-2.18051	0.785968	0.95623	-1.04577	0.181627	0.792029	-1.26258	6.20949	2.65903	0.380641	1
cg21200353	0.0573707	2.17802	2.17802	0.359833	0.711124	-1.40623	0.468344	0.765534	-1.30628	0.000231016	9.14871	9.14871	5.43642	11.29	1.84598	1
cg24167606	0.0400881	0.412986	-2.42139	0.471487	0.761057	-1.31396	0.9776	1.01052	1.01052	0.0116028	0.308416	-3.24237	5.2492	11.553	1.95636	1
cg25510965	0.301794	1.22671	1.22671	0.0139614	1.78592	1.78592	0.729295	1.06861	1.06861	0.578101	1.11328	1.11328	4.4148	2.55095	0.513616	1
cg05489252	0.131006	1.2566	1.2566	0.983066	0.997031	-1.00298	0.346002	0.872892	-1.14562	0.0531859	0.73513	-1.3603	3.75457	1.16677	0.276232	1
cg05502478	0.00604332	0.318441	-3.1403	0.507256	1.23947	1.23947	0.117353	1.72075	1.72075	0.374782	0.747746	-1.33735	3.57761	5.7695	1.43348	1
cg14761246	0.365132	1.3769	1.3769	0.00128674	5.01617	5.01617	0.0394285	2.26805	2.26805	0.048952	2.16568	2.16568	3.48191	6.51476	1.66314	1
cg16421901	0.092251	0.471507	-2.12086	0.969986	1.01538	1.01538	0.166143	1.82041	1.82041	0.400998	0.705567	-1.4173	3.39137	8.84054	2.31713	1
cg21450829	0.000554456	1.94786	1.94786	0.00176538	0.574543	-1.74051	0.0139298	0.685281	-1.45925	0.328823	0.882153	-1.13359	47.2231	11.5769	0.217913	1
cg23655039	0.000208714	5.10626	5.10626	7.80E-05	0.152842	-6.54273	0.000131006	5.72341	5.72341	0.0951062	1.61917	1.61917	29.9173	32.7164	0.972054	1
cg02958321	0.178829	0.674954	-1.48158	0.362816	0.773031	-1.29361	7.95E-06	14.7516	14.7516	0.58775	1.16259	1.16259	16.8603	20.2303	1.06656	1
cg17701886	0.0176621	2.78644	2.78644	0.000603326	0.15287	-6.54152	0.964542	1.01591	1.01591	0.354072	0.712812	-1.40289	12.5788	25.1165	1.77487	1
cg26215406	0.0655494	2.06604	2.06604	0.000661185	0.160257	-6.23996	0.0293405	2.46242	2.46242	0.641544	0.848226	-1.17893	12.2895	23.9926	1.73536	1
cg21794419	0.682342	0.896932	-1.11491	0.0146022	0.451595	-2.21437	0.0885224	1.6433	1.6433	0.962762	0.987734	-1.01242	10.3486	11.4523	0.983685	1
cg15510249	0.596889	1.2555	1.2555	0.000516965	0.0993407	-10.0664	0.167031	0.533666	-1.87383	0.0611234	0.406729	-2.45864	8.89434	25.5997	2.5584	1
cg27324128	0.0387149	2.03301	2.03301	0.074316	0.554678	-1.80285	0.680505	0.884515	-1.13056	0.224629	0.685204	-1.45942	8.42454	11.7203	1.23663	1
cg01720186	0.417761	1.45597	1.45597	0.000818339	0.101436	-9.8584	0.344644	0.643003	-1.5552	0.0624017	0.386145	-2.5897	6.82271	22.2404	2.89756	1
cg19998675	0.00586247	3.95791	3.95791	0.164518	0.567963	-1.76068	0.00958896	3.4938	3.4938	0.151254	1.79786	1.79786	5.33579	12.2958	2.04836	1
cg16262284	0.0748517	0.683716	-1.4626	0.367417	1.19414	1.19414	0.68082	0.923798	-1.08249	0.64569	1.09277	1.09277	4.0067	2.33036	0.516992	1
cg26436136	0.134504	1.49483	1.49483	0.068629	1.66159	1.66159	0.701943	1.10053	1.10053	0.969052	1.00971	1.00971	3.84611	3.78066	0.873762	1
cg03657573	0.467753	0.366179	-2.7309	0.36637	0.283138	-3.53184	0.00679751	117.769	117.769	0.633029	1.92334	1.92334	3.47764	101.829	26.0275	1
cg27239157	0.13601	1.20822	1.20822	0.441459	0.911724	-1.09682	0.188606	0.848734	-1.17823	0.00424781	1.56917	1.56917	13.2748	2.91464	0.195166	1
cg03712823	0.00275631	0.714828	-1.39894	2.63E-08	0.189089	-5.28851	3.21E-06	0.407958	-2.45123	0.00495603	0.739028	-1.35313	85.3734	8.93304	0.0930088	1
cg12097191	0.0448466	1.31419	1.31419	0.285481	0.876663	-1.14069	1.16E-05	3.01134	3.01134	0.0565835	1.29187	1.29187	39.1607	8.73258	0.198216	1
cg09039367	0.0427435	1.41445	1.41445	0.46389	1.1172	1.1172	0.0104084	1.61541	1.61541	1.45E-05	0.261824	-3.81936	37.7968	13.2296	0.311129	1
cg16122370	0.000132254	0.162694	-6.14652	0.000658329	0.23948	-4.17572	0.25394	1.38582	1.38582	0.0552293	0.551434	-1.81345	22.4175	26.633	1.05604	1
cg09361821	0.000431366	0.370797	-2.69689	0.00226616	0.46721	-2.14037	0.00205727	2.1674	2.1674	0.167812	1.29941	1.29941	20.1809	10.1456	0.446872	1
cg25686649	0.829367	1.03627	1.03627	0.116658	1.325	1.325	0.576743	0.911118	-1.09755	0.0607793	0.705436	-1.41756	17.8095	7.68639	0.383635	1
cg12611832	0.0147049	0.493394	-2.02678	0.00669388	0.437145	-2.28757	0.252767	1.32448	1.32448	0.845342	1.04702	1.04702	13.7128	12.0196	0.779133	1
cg19053287	0.00416346	1.72078	1.72078	0.00105145	1.98391	1.98391	0.272843	1.17503	1.17503	0.00501453	1.68998	1.68998	12.1995	3.8594	0.281208	1
cg20723941	0.0529188	1.3623	1.3623	0.000103273	0.380811	-2.62597	0.0729287	1.32463	1.32463	0.122041	0.790139	-1.2656	11.4507	3.58226	0.278081	1
cg02658528	0.195349	0.617115	-1.62044	0.000214784	0.113298	-8.82627	0.00053424	0.149635	-6.68292	0.00389808	0.254197	-3.93395	9.80105	19.2821	1.74875	1
cg13108304	0.0487116	0.562335	-1.7783	0.00103554	3.46417	3.46417	0.0209673	2.03445	2.03445	0.0124984	2.2135	2.2135	9.56994	9.91005	0.920479	1
cg20430656	0.087626	1.66624	1.66624	0.134286	1.54844	1.54844	0.00374822	2.88556	2.88556	0.00552933	2.68413	2.68413	9.23805	10.7288	1.03233	1
cg25533133	0.283369	0.690404	-1.44843	0.000166458	0.118639	-8.42891	0.00602221	3.29616	3.29616	0.860819	1.06007	1.06007	8.73798	15.2895	1.55536	1
cg08763929	0.0067585	2.76468	2.76468	0.00246723	3.38482	3.38482	0.0397884	1.99064	1.99064	0.0493189	1.91521	1.91521	8.60919	11.4385	1.18101	1
cg16384797	0.00765227	0.451988	-2.21245	0.00302889	0.390175	-2.56295	0.00555242	0.430024	-2.32545	0.0162915	0.506407	-1.9747	8.14392	6.92027	0.755331	1
cg04024481	0.00317026	0.17679	-5.65641	0.00122842	0.13105	-7.63065	0.00390788	0.188286	-5.31107	0.0397753	0.359918	-2.77841	8.00273	23.4218	2.60153	1
cg26793447	0.000365528	0.419768	-2.38227	0.239195	0.829113	-1.20611	0.0323445	1.46371	1.46371	0.0488605	1.40774	1.40774	7.80345	2.85673	0.32541	1
cg26886066	0.0212117	0.486148	-2.05699	0.00127778	0.294359	-3.39721	0.00525315	0.383522	-2.60741	0.0664761	0.585188	-1.70885	7.28707	7.82312	0.954277	1
cg00844074	0.0655945	0.603912	-1.65587	0.58366	1.14463	1.14463	0.977987	1.00676	1.00676	0.369646	0.798622	-1.25216	7.18999	6.78324	0.838603	1
cg02676602	0.160739	0.642908	-1.55543	0.0790933	0.562792	-1.77685	0.0068114	0.355695	-2.8114	0.655082	1.14176	1.14176	7.0507	9.70789	1.22388	1
cg16318226	0.989706	0.997451	-1.00256	0.220507	1.29018	1.29018	0.99453	0.998645	-1.00136	0.723127	0.932057	-1.0729	6.9945	4.33408	0.550792	1
cg01679542	0.0965579	1.50695	1.50695	0.00277263	2.52803	2.52803	0.912482	0.97559	-1.02502	0.0395022	0.5855	-1.70794	6.86391	5.49247	0.711284	1
cg13828378	0.51411	1.19156	1.19156	0.0521276	1.79533	1.79533	0.383167	1.26729	1.26729	0.433618	0.809249	-1.23571	6.86205	7.62555	0.987791	1
cg14421668	0.00543711	0.195655	-5.11105	0.0656451	0.397941	-2.51294	0.736667	0.860247	-1.16246	0.263241	0.594389	-1.6824	6.56858	20.6968	2.80078	1
cg21515347	0.00635382	0.462237	-2.16339	0.293408	0.789183	-1.26713	0.017574	0.533855	-1.87317	0.0377933	0.592571	-1.68756	6.55261	4.89708	0.66431	1
cg13427402	0.538072	1.22902	1.22902	0.871482	0.947857	-1.05501	0.126455	0.578779	-1.72778	0.532598	0.811339	-1.23253	6.44725	11.1715	1.54022	1
cg23829380	0.0196471	0.547155	-1.82764	0.719657	0.925789	-1.08016	0.395781	0.830226	-1.20449	0.0511465	0.621782	-1.60828	6.33956	4.5957	0.644377	1
cg04691944	0.322105	1.23946	1.23946	0.674623	1.09266	1.09266	0.0845672	1.49242	1.49242	0.0425205	0.612494	-1.63267	6.27991	4.38124	0.620141	1
cg19414016	0.0109389	2.01067	2.01067	0.0569901	1.60165	1.60165	0.927659	0.980336	-1.02006	0.715098	0.922955	-1.08348	5.95127	4.50822	0.673353	1
cg24746106	0.0413855	6.98035	6.98035	0.0211443	9.87294	9.87294	0.0563664	5.95739	5.95739	0.0445197	6.72377	6.72377	5.89631	63.7103	9.60454	1
cg02810375	0.116627	0.675358	-1.4807	0.134189	0.689452	-1.45043	0.00554111	0.432089	-2.31434	0.687957	1.09741	1.09741	5.76306	4.83803	0.746213	1
cg03981246	0.431043	1.27466	1.27466	0.323756	1.36035	1.36035	0.316103	0.731267	-1.36749	0.108938	0.589848	-1.69535	5.5789	8.05657	1.28366	1
cg02347312	0.259492	0.679891	-1.47082	0.0929257	0.545356	-1.83366	0.0162084	0.381157	-2.62359	0.879549	0.951479	-1.051	5.50511	9.37967	1.5145	1
cg21847368	0.447037	1.19855	1.19855	0.0221278	1.8987	1.8987	0.0413527	1.73305	1.73305	0.12928	1.46675	1.46675	5.19702	4.49527	0.768863	1
cg27359668	0.552387	1.22319	1.22319	0.00254692	4.06841	4.06841	0.0784695	1.92531	1.92531	0.692746	0.875375	-1.14237	5.18977	9.23287	1.58138	1
cg02861456	0.11789	0.597004	-1.67503	0.00304439	0.291349	-3.43231	0.286365	1.39981	1.39981	0.288619	1.39745	1.39745	5.15807	7.539	1.29919	1
cg11521563	0.101574	0.587537	-1.70202	0.0015785	0.260207	-3.8431	0.016687	0.420212	-2.37975	0.595468	0.853012	-1.17232	5.07732	7.07849	1.23923	1
cg08248134	0.0215741	1.53984	1.53984	0.0535033	1.40924	1.40924	0.062696	1.38769	1.38769	0.0316333	1.48314	1.48314	4.92953	1.91047	0.344495	1
cg22004422	0.0582957	1.50026	1.50026	0.0281957	1.63443	1.63443	0.956965	0.989822	-1.01028	0.976367	1.00563	1.00563	4.76191	2.71047	0.505953	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05705096	MCF2L;MCF2L	0.0196127	0.144385	0.774246	-1.29158	0.00361198	1.90184	1.90184	0.0139735	1.6411	1.6411	0.409629	0.871441	-1.14753	0.793705	1.04369	1.04369	0.74864	1.05386	1.05386	0.00854068	1.72908	1.72908	0.126847	1.30926	1.30926	0.697985	1.0657	1.0657	4.73589	1.99735	0.374886	1
cg19632953	MCF2L;MCF2L	0.0197029	0.08648	1.58835	1.58835	0.00579556	2.41839	2.41839	0.0649967	1.65909	1.65909	0.352022	1.26366	1.26366	0.0696448	1.64175	1.64175	0.145186	1.46555	1.46555	0.000786254	3.45625	3.45625	0.143853	1.46768	1.46768	0.194799	1.39807	1.39807	4.72853	4.4708	0.840439	1
cg04298224	MCF2L;MCF2L	0.0209098	0.0674519	1.97502	1.97502	0.00142787	4.62851	4.62851	0.0143166	2.72682	2.72682	0.337737	1.38855	1.38855	0.807335	1.08454	1.08454	0.100397	1.81816	1.81816	0.012116	2.82586	2.82586	0.0623029	2.0077	2.0077	0.0572459	2.04311	2.04311	4.63383	8.09688	1.55319	1
cg15372862	MCF2L;MCF2L	0.0226075	0.9746	1.0111	1.0111	0.00209876	4.48018	4.48018	0.00522684	3.58559	3.58559	0.320035	1.42778	1.42778	0.214068	0.635479	-1.57362	0.795091	1.09439	1.09439	0.198128	1.60222	1.60222	0.0532952	2.14018	2.14018	0.983349	1.00726	1.00726	4.51152	8.58258	1.69099	1
cg15388766	MCF2L;MCF2L	0.0226735	0.0129075	0.642259	-1.557	0.284149	0.852481	-1.17305	0.052461	1.37208	1.37208	0.57383	1.08493	1.08493	0.153627	1.24501	1.24501	0.0159199	1.52726	1.52726	0.0357597	1.41975	1.41975	0.221012	0.83148	-1.20267	0.53977	0.914803	-1.09313	4.507	1.46876	0.289675	1
cg09891682	MCF2L;MCF2L	0.0232825	0.141316	1.36994	1.36994	0.383475	1.19462	1.19462	0.0827178	1.46576	1.46576	0.146438	0.733312	-1.36368	0.0104994	0.526863	-1.89803	0.0275606	0.595401	-1.67954	0.0214024	0.576883	-1.73345	0.689453	1.08321	1.08321	0.165678	0.745134	-1.34204	4.46602	2.80068	0.557431	1
cg05197164	MCF2L;MCF2L	0.0235639	0.853525	1.04894	1.04894	0.000962749	3.5643	3.5643	0.0092181	2.35045	2.35045	0.890356	1.0363	1.0363	0.667513	1.11821	1.11821	0.0494256	1.78553	1.78553	0.281485	1.33561	1.33561	0.562258	0.859433	-1.16356	0.563705	1.16289	1.16289	4.44752	4.70849	0.941047	1
cg14638565	MCF2L;MCF2L	0.0240675	0.110577	0.741926	-1.34784	0.0105242	0.575444	-1.73779	0.169955	0.778061	-1.28525	0.450036	1.14127	1.14127	0.00936211	0.567941	-1.76074	0.530448	1.11527	1.11527	0.0222802	1.60044	1.60044	0.330451	0.841636	-1.18816	0.898109	1.02224	1.02224	4.4151	2.06099	0.414938	1
cg09556940	MCF2L;MCF2L	0.0255801	0.505724	1.09091	1.09091	0.102015	1.25939	1.25939	0.446429	1.10518	1.10518	0.868885	1.02152	1.02152	0.414144	1.11357	1.11357	0.30737	1.14587	1.14587	0.000320735	2.11763	2.11763	0.198081	1.19159	1.19159	0.7839	1.03606	1.03606	4.32257	1.13676	0.233761	1
cg20165520	MCF2L;MCF2L	0.0257829	0.0548014	3.39728	3.39728	0.00122019	14.2563	14.2563	0.0126974	5.69183	5.69183	0.297028	1.83502	1.83502	0.342284	1.73219	1.73219	0.287492	1.85908	1.85908	0.0148889	5.37424	5.37424	0.248174	1.96961	1.96961	0.438698	1.55814	1.55814	4.31067	21.5233	4.43824	1

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Ratio(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1447 vs. N)	Fold-Change(1447 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg08448789	MCOLN2	0.000351469	0.00806385	1.54845	1.58495	1.165631	0.816242	-1.22513	0.0842235	0.760265	-1.29994	0.00335535	0.72984	1.72984	0.020356	1.46719	1.46719	0.02489	1.44281	1.44281	7.41E-06	0.257871	1.87791	0.15832	0.812942	-1.2301	0.107435	1.27287	1.27287	19.80848	5.91467	0.265465	1
cg12277336	MCOLN2	0.000531291	0.442394	1.18782	1.18782	1.134473	0.701427	-1.42566	6.04E-05	0.196241	-5.09576	0.0069174	0.463874	-2.15576	0.828104	1.04895	1.04895	0.001445	0.36362	-2.75012	0.000100726	0.219821	-4.54916	0.007619	0.892423	-1.12054	0.321409	0.79842	-1.25247	14.05157	10.7471	0.679845	1
cg02621376	MCOLN2	0.000846881	0.000824915	0.349086	-2.86462	0.03111688	0.589586	-1.69611	0.000313569	0.295069	-3.38904	0.239971	0.773334	-1.2931	0.0167786	0.602421	-1.65997	0.0576883	0.638661	-1.56578	0.184121	1.34225	1.34225	0.0144849	0.532924	-1.87644	0.000100717	0.236868	-4.22177	12.3327	8.52497	0.614446	1
cg17600851	MCOLN2	0.001363168	0.510222	0.968725	-1.03228	0.394317	0.959345	-1.04218	0.132398	0.853024	-1.04929	0.218988	1.06343	1.06343	0.000315283	0.757525	-1.32008	0.000818	0.853915	-1.17108	0.00331778	1.20952	1.20952	0.00269592	1.21803	1.21803	0.674461	0.980104	-1.0203	10.7705	0.538012	0.038357	1
cg25375340	MCOLN2	0.00227466	0.019237	0.59731	-1.96182	0.028385	0.633214	-1.57924	0.156566	1.43418	1.43418	0.963659	0.989217	-1.0109	0.0585398	0.603176	-1.66285	0.664809	1.0991	1.0991	0.282064	0.766441	-1.30473	0.044.05	5.29072	5.29072	0.223083	0.737396	-1.35612	9.2861	8.32739	0.797119	1
cg27561222	MCOLN2	0.000797476	0.000595929	0.0835244	-11.9756	0.00414142	0.172736	-5.78917	0.00434593	0.153746	-5.70178	0.0109754	0.277232	-3.60657	0.00247722	0.146361	-6.83244	0.0221522	0.285661	-3.50066	0.0329238	3.310941	-3.12558	0.039912	0.337933	-2.95917	0.883856	0.594976	-1.68055	7.97628	26.3602	2.93762	1
cg06402325	MCOLN2	0.00400548	0.0980597	0.730788	-1.36839	0.00752977	1.8153	1.8153	0.299004	0.82975	-1.20518	0.0190288	1.6359	1.6359	0.678803	0.930348	-1.07487	0.0939056	0.726615	-1.37624	0.0017263	0.460063	-2.17094	0.0451869	1.48945	1.48945	0.0282609	1.56685	1.56685	7.84925	3.73692	0.423187	1
cg13227206	MCOLN2	0.00532186	0.0113417	0.482026	-2.44974	0.0343137	0.938496	-1.04238	0.0215475	0.280577	-3.55779	0.00452726	0.342662	-2.90139	0.00439356	0.341841	-2.92534	0.0077426	0.375948	-2.65994	0.0021799	0.346187	-2.88702	0.415092	0.790903	-1.26438	0.0242612	0.469412	-2.13092	7.1999	9.04232	1.11635	1
cg20894700	MCOLN2	0.01635	0.054449	1.29202	1.29202	0.476959	1.08861	1.08861	0.427875	0.90971	-1.09925	0.1595577	1.19312	1.19312	0.120192	0.820435	-1.21887	0.1699414	1.18752	1.18752	0.0348543	0.627855	-1.59273	0.536085	1.12334	1.12334	0.0144544	1.42457	1.42457	0.534059	1.09922	0.194074	1
cg01413809	MCOLN2	0.0176569	0.259491	0.815009	-1.22698	0.0196328	0.61249	-1.63268	0.113313	0.741072	-1.3494	0.772003	1.05182	1.05182	0.357163	0.848168	-1.17901	0.383418	1.16815	1.16815	0.00286104	2.04135	2.04135	0.0289524	0.639046	-1.56483	0.290727	0.82641	-1.21005	4.90675	2.34998	0.425713	1
cg13331559	MCOLN2	0.02209	0.727604	0.94	-1.06383	0.0180007	0.282302	-1.21418	0.0556079	0.823623	-1.21418	0.0556079	0.758319	-1.31871	0.0249875	0.792314	-1.26237	0.529863	0.928934	1.07626	0.5	2.33E-05	3.1E-05	0.0001	3.55525	3.55525	0.0627004	0.889396	-1.12436	29.6791	6.30715	0.188899	1
cg10551956	MCOLN3	0.000112877	0.000111231	2.81614	0.2806125	0.553281	1.80874	0.000155679	0.357682	-2.79578	0.0020114	0.2305	0.000156979	0.357682	-2.79578	0.0020114	0.2305	0.000755072	0.322646	-3.09937	0.000157222	0.253424	-3.94595	0.00240282	2.4539	2.4539	0.623538	0.900309	-1.11073	21.434	15.2968	0.634371	1
cg21447103	MCOLN3	0.000286525	0.000247537	-2.11758	0.000445912	0.243307	1.41004	0.0132938	0.455178	-2.21544	0.000166155	0.194659	-5.13718	0.000470105	0.249845	-4.00122	0.000272744	0.218341	-4.57998	7.49E-05	0.159731	-6.26054	0.0014297	0.442479	0.878607	-1.13816	0.104665	0.63267	-1.57215	10.6582	17.1709	0.916214	1
cg24535650	MCOLN3	0.000292055	0.986727	0.994207	-1.00583	0.779454	0.90665	-1.10296	0.000977528	0.180395	-5.54338	0.0101382	0.322187	-3.10379	0.000666415	0.162185	-6.1658	0.00539046	0.277154	-3.6081	1.27E-05	0.040567	-24.6502	0.000868325	0.174627	-5.72648	0.107695	0.541691	-1.84607	16.5714	32.0091	1.71697	1
cg23752923	MCOLN3	0.000427194	0.448697	0.893711	-1.11893	0.0537506	1.37545	1.37545	0.115106	1.2832	1.2832	0.889076	0.977893	-1.02053	0.338405	0.866205	-1.15446	0.625298	0.93087	-1.07426	0.01503	1.54503	1.54503	5.16E-06	4.51651	4.51651	0.977383	0.995582	-1.00413	14.9268	5.00827	0.298242	1
cg21649051	MCOLN3	0.00569605	0.797255	1.04777	1.04777	0.344707	1.19789	1.19789	0.437829	1.44279	1.16215	1.2E-05	0.68887	0.978305	0.0297254	0.965995	-1.03481	0.923497	1.01756	1.01756	0.0315859	0.640995	-1.56008	0.000283482	2.90626	2.90626	0.667078	0.92455	-1.08161	7.17256	4.4626	0.41	1
cg05003422	MCOLN3	0.000659913	?	?	?	?	?	?	0.269204	0.588422	-1.69946	0.665856	1.22169	1.22169	0.301567	0.610619	-1.63768	?	?	?	0.0114196	4.30174	4.30174	2.94E-05	43.5693	43.5693	0.640148	1.24234	1.24234	14.4401	32.3839	2.99018	1
cg02345146	MCOLN3	0.00176111	0.891616	-1.1293	0.0109134	0.450447	2.32002	0.00102122	0.286057	-3.37778	0.0305919	0.503401	-1.88536	0.000482716	0.2155538	-3.91331	0.000984118	0.294435	-3.39634	0.00150208	0.319225	-3.13259	0.0960953	0.633755	-1.57795	0.907257	1.02951	1.02951	10.0049	9.87148	0.877033	1
cg04437845	MCOLN3	0.00655915	0.954104	0.0481	0.00119023	0.6451	1.64551	0.1307	1.18648	0.0545785	1.25696	1.25696	0.73231	0.73231	0.03796	1.03796	1.03796	0.753251	0.967501	1.00015	0.0001182142	1.94088	1.94088	0.0130577	1.38071	1.38071	0.18887	1.41483	1.41483	0.154521	1
cg12210618	MCOLN3	0.0103906	0.659819	0.924343	-1.08185	0.0614227	0.687795	-1.45392	0.000636845	0.393904	-2.53869	0.105195	0.730206	-1.36948	0.0240724	0.620039	-1.61265	0.0345475	0.645474	-1.54925	0.00439141	0.508872	-1.96513	0.508347	0.887653	-1.12657	0.602793	1.09773	1.09773	5.83852	2.91693	0.44409	1
cg17754945	MCOLN3	0.0239108	0.50243	0.850955	-1.17505	0.0307267	0.574754	-1.74038	0.559085	1.2E-05	0.844248	-1.18699	0.82135	0.929573	-1.07564	0.0808833	0.515273	0.884602	-1.13059	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg12037450	MCOLN3	0.0357065	0.0992884	2.5329	0.979922	0.115564	1.01564	0.914527	0.493667	-2.02566	0.263809	0.549286	1.82054	0.0151415	0.215466	0.6411	0.169804	0.471352	-2.12156	0.0379915	0.290145	0.344655	0.0282138	3.79154	0.631451	0.30149	1.30149	0.83923	0.166	3.72453	1
cg12387700	MCOLN3/MCOLN3	4.58E-06	0.00108853	3.64459	0.0125466	0.176726	2.88572	2.88572	0.00258213	2.2299	0.448863	0.0664793	0.676474	0.676474	0.0150264	0.50044	-1.78271	0.252603	3.9815	3.9815	0.0002744	0.127742	0.0035223	0.400614	0.4406	0.4406	0.878607	-1.13816	0.104665	0.63267	-1.57215	16.5682	17.1709	0.916214	1
cg14938593	MCPH1	0.000250444	0.209734	0.756315	-1.3222	0.00030901	0.29024	-3.44543	0.000849243	0.34664	-2.88483	0.554119	1.13478	1.13478	2.05E-05	0.162311	-6.16103	0.0011857	0.366223	-2.73057	0.000545535	0.321405	-3.11134	0.170762	0.734788	-1.36094	0.0104088	0.505813	1.97702	17.2816	12.2176	0.628418	1
cg25009088	MCPH1	0.000912757	0.728617	1.04668	1.04668	0.998959	0.999829	-1.00017	1.26E-05	0.299973	-3.33163	0.434962	0.900912	-1.10999	0.670811	0.945534	1.0576	0.0563125	1.32725	1.32725	0.0918109	1.27526	1.27526	0.0158108	0.973542	-1.02718	0.862806	0.977598	-1.02292	12.0008	3.26145	0.241573	1
cg26574487	MCPH1	0.00124605	0.813337	1.09402	-1.14303	0.0391107	0.406575	0.995955	0.515093	1.1846	1.1846	0.441729	1.16215	1.2E-05	0.68887	0.978305	-1.03481	0.923497	1.01756	1.01756	0.0315859	0.640995	-1.56008	0.000283482	2.90626	2.90626	0.667078	0.92455	-1.08161	7.17256	4.4626	0.41	1
cg06890146	MCPH1	0.00226795	0.00145232	0.0806578	-12.3981	0.00301317	0.107996	-9.25963	0.0160239	0.199215	-5.0197	0.0512696	0.296811	-3.36914	0.015425	0.196582	-5.08694	0.519284	0.6994	-1.4298	0.000142553	0.0276143	-36.2132	0.0963585	0.368187	-2.71601	0.00892362	0.161922	-6.1758	9.29415	44.0863	4.2164	1
cg10451621	MCPH1	0.00235788	0.0506	0.987673	-1.31199	0.0390934	0.592381	-1.68777	0.164477	0.825661	-1.21158	0.0555465	0.598288	-1.67138	-1.70547	0.0270394	0.592036	-1.68906	0.0004746	0.0155538	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg03755955	MCPH1	0.00401672	0.163855	0.839276	-1.1915	0.0222676	0.723902	-1.3814	0.44866	0.912962	-1.09534	0.51962	0.925904	-1.08003	0.171782	0.842348	-1.18716	0.0092751	1.23751	1.23751	0.00147054	2.15988	2.15988	0.35064	0.892886	-1.11996	0.910103	1.01341	1.01341	7.84262	1.72762	0.19581	1
cg15686167	MCPH1	0.00993495	0.105964	0.795369	-1.25728	0.0764751	1.29113	1.29113	0.0836777	1.28174	1.28174	0.795455	0.966876	-1.03426	0.379449	0.889665	-1.12402	0.00463715	2.0424	2.0424	0.0611512	1.31467	1.31467	0.339011	1.13631	1.13631	0.229133	0.849052	-1.17778	5.92297	1.57711	0.236685	1
cg06537024	MCPH1	0.0108179	0.771717	1.05601	-1.05702	0.0134137	0.798442	0.978228	0.122566	1.26505	1.26505	0.164005	1.37905	1.37905	0.054848	1.1792	1.1792	0.318501	1.16892	1.16892	0.0134604	1.36627	1.36627	-1.57229	0.841993	1.03069	0.071843	1.35677	1.35677	0.763641	1.20938	0.322646	1
cg08749286	MCPH1	0.0112213	0.127634	0.867975	-1.15211	0.0379474	0.22979	-1.22979	0.12697	1.28102	1.28102	0.676394	0.844134	-1.18465	0.118063	0.864269	-1.15705	0.820982	0.980707	-1.01967	0.00165475	1.47256	1.47256	0.63047	1.04254	1.04254	0.320526	1.09223	1.09223	5.69582	0.666479	0.104011	1
cg14429765	MCPH1	0.0139386	0.0121134	0.0805	-12.4201	0.00282865	0.167442	-5.96723	0.00743855	0.189781	-5.27107	0.0131061	0.327863	-3.05103	0.00422153	0.240914	-4.15076	0.0167979	0.418644	-2.38903	0.00361	0.308439	-3.24241	0.0772141	-1.2581	0.0113254	0.884209	0.963	0.963	5.50478	2.36363	0.429455	1
cg25936876	MCPH1	0.0151292	0.227165	1.17833	1.17833	0.365344	0.886583	-1.12793	0.120755	0.804297	-1.24332	0.157736	0.82242	-1.21592	0.000253332	0.458177	-2.18256	0.50791	0.916735	-1.09083	0.369707	0.887604	-1.12663	0.179573	0.831525	-1.20261	0.935276	0.989543	-1.01057	5.16602	1.37055	0.235824	1
cg17642576	MCPH1	0.0118738	0.418783	1.16247	1.16247	0.257268	0.806179	-1.24042	0.957967	1.00965	1.00965	0.413041	1.16474	1.16474	0.140135	0.857707	-1.1659	0.321422	0.829715	-1.20523	0.000457703	2.733381	2.73381	0.501786	0.883178	-1.13227	0.20672	0.78453	-1.27465	8.59359	2.55568	0.46749	1
cg01544777	MCPH1	0.0450158	0.0121924	0.0805314	-12.4201	0.00282865	0.167442	-5.96723	0.00743855	0.189781	-5.27107	0.0131061	0.327863	-3.05103	0.00422153	0.240914	-4.15076	0.0160664	0.4002	-2.49883	0.00364793	0.309274	-3.23334	0.0772141	-1.2581	0.0113254	0.884209	0.963	0.963	5.50478	2.36363	0.429455	1
cg06261059	MCPH1	0.0222881	0.858614	1.04768	1.04768	0.964691	0.988502	-1.01163	0.86698	0.957151	-1.04477	0.0535259	0.563924	-1.77329	0.0031244	0.3479	-2.87439	0.00233761	0.330638	-3.02445	0.333459	0.770575	-1.29773	0.526881	1.18234	1.18234	0.136733	0.657842	-1.52012	4.53365	4.90031	0.960778	1
cg07088199	MCPH1	0.0158202	0.0299071	0.333366	0.0681801	0.4703	-2.1263	0.0795353	0.474545	-2.10936	0.507713	0.779706	-1.28253	0.0311865	0.173227	-5.77277	0.0219357	0.2748	-3.63975	0.0022604	0.0312566	0.43994	-2.27304	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	1
cg15684290	MCPH1	0.0258842	0.777071	1.10366	1.10366	0.36576	1.3811	1.3811	0.316913	0.691569	-1.44956	0.0148115	1.33248	1.33248	0.0187581	0.745362	-1.29694	0.043234	2.44335	2.44335	0.0029854	0.243099	-4.11354	0.185422	1.62894	1.62894	0.42384	0.74308	0.042304	0.78	0.23119	1.60965	1
cg16451879	MCPH1	0.0272892	0.0713413	0.607706	-1.64553	0.0160291	0.482396	-2.07299	0.068386	0.603756	-1.6563	0.00302411	0.366013	-2.73215	0.96139	0.9881	-1.01204	0.162584	0.691657	-1.4458	0.388814	1.24409	1.24409	0.806318	0.941061	-1.06263	0.193299	1.40555	1.40555	4.22583	4.09301	0.860951	1
cg07983693	MCPH1	0.0276163	0.0598004	0.597973	-1.67243	0.0158375	0.475735	-2.10273	0.164168	0.824073	-1.21324	0.0556465	0.597437	-1.67403	-1.70547	0.0270394	0.592036	-1.68906	0.0004746	0.0155538	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg05232351	MCPH1	0.0177695	0.455674	0.872649	-1.14594	0.0385591	0.650735	-1.53672	0.519686	0.888574	-1.12413	0.158093	0.763293	-1.31011	0.0351259	0.55279	1.8.529	0.0463002	1.50573	1.50573	0.0797433	0.632317	-1.46559	0.74013	0.94203	-1.06148	0.763916	0.91493	0.452522	1
cg22873130	MCPH1-MCPH1	0.0173611	0.917353	1.0277	1.0277	0.334147	1.16836	1.16836	0.377109	1.21104	1.21104	0.34009	0.635554	1.57388	0.0.0.0	0.888387	1.12506	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1
cg14267862	MCRS1;MCRS1	0.00753632	0.771156	1.09614	1.09614	0.419888	0.771526	-1.29613	0.134594	0.601849	-1.66155	0.0170832	0.400501	-2.49687	0.000207681	0.141654	-7.05944	0.0110597	0.366798	-2.72629	0.0929411	0.558899	-1.78923	0.0974211	0.564138	-1.77262	0.0519895	0.498655	-2.00539	6.46422	10.1418	1.39459	1
cg26511307	MCTP1	0.00766176	0.92903	0.975753	-1.02539	0.0390934	0.592381	-1.68777	0.164477	0.825661	-1.21158	0.0555465	0.598288	-1.67138	-1.70547	0.0270394	0.592036	-1.68906	0.0004746	0.0155538	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg26511367	MCTP1	0.00199892	1.39573	0.818058	-1.22241	0.551176	1.07911	1.07914	0.904668	1.25525	1.01525	0.004709035	0.499545	-2.01852	0.354542	0.886646	-1.12785	0.189061	0.838827	-1.19214	8.95E-05	0.412497	-2.42426	0.161424	0.827869	-1.20792	0.376227	1.12154	1.12154	0.643492	0.224625	1
cg08511716	MCTP1	0.0276125	0.633663	1.14597	1.14597	0.00917357	4.72264	4.72264	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.0386099	2.48319	2.48319	?	?	14.3716	4.76000	0.331841	1
cg05630556	MCTP1	0.0140431	0.400479	0.682099	1.46537	0.178842	1.90457	1.90457	0.35843	1.53271	1.53271	0.00244258	0.73233	0.73233	0.255027	1.71152	1.71152	0.11248	2.18443	2.18443	0.0626112	0.387707	-2.57927	0.0390205	1.27871	1.27871	0.936433	0.964573	-1.03673	1.64832	11.8154	2.87875	1
cg19511748	MCTP1;MCTP2	0.00109236	0.0196315	0.415064	-2.40927	0.000334124	0.126965	-7.87619	0.0845009	0.55145	-1.8134	0.299833	0.71524	-1.39813	0.0343572	0.289431	-3.45506	0.0419391	0.481331	-2.07757	0.000368379	0.168839	-5.92282	0.035274	0.465444	-2.14849	0.0483841	0.494845	-2.02083	9.75663	15.0337	1.36966	1
cg08429621	MCTP1;MCTP2	0.0111532	0.0013246	0.242352	-4.12552	0.148017	0.565334	-1.76887	0.0184687	0.448318	-2.22559	0.0642431	0.442878	-2.25795	0.0313023	0.37175	-2.68998	0.0019598	0.268796	-3.72029	0.00305576	0.225003	-4.44439	0.0595281	0.275313	-3.63144	0.00615988	0.268796	-3.72029	0.00305576	0.225003	-4.44439	0.0595281	0.275313	-3.63144	0.00615988	0.268796	-3.72029	0.00305576	0.225003	-4.44439	0.0595281	0.275313	-3.63144	1
cg06778181	MCTP1;MCTP2	0.0131789	0.837523	1.07934	1.07934	0.131451	0.528432	-1.48239	0.0621512	0.449318	-2.22559	0.0642431	0.442878	-2.25795	0.0313023	0.37175	-2.68998	0.462658	0.746419	-1.34024	0.0447618	0.245313	-4.66173	0.00625797	0.183685	-5.44125	0.0447618	0.245313	-4.66173	0.00625797	0.183685	-5.44125	0.0447618	0.245313	-4.66173	0.00625797	0.183685	-5.44125	0.0447618	0.245313	-4.66173	0.00625797	0.183685	-5.44125	1
cg27327073	MCTP1;MCTP2	0.0230647	0.0269661	0.258052	-3.87518	0.598486	0.759885	-1.31599	0.110608	0.412176	-2.42615	0.995697	1.00279	1.00279	0.0157566	0.216432	-6.6204	0.179734	0.478527	-2.08975	0.00177238	0.100803	0.9997	0.667213	0.7995	-1.25076	0.0121728	0.198656	-5.03383	4.48052	18.9869	3.7668	1
cg01271175	MCTP1;MCTP2	0.0147041	0.0255118	0.327994	-3.04859	0.0875596	1.00279	1.00279	0.284516	0.648032	0.763316	-1.31007	0.0754702	0.272347	-3.67304	0.0246	-4.06352	0.0308341	0.391416	-2.5422	0.0109784	0.214933	0.62974	0.0.0.0	0.0941607	-10.6201	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1
cg16529799	MCTP1;MCTP2	0.0418789	0.0639247	2.57963	2.57963	0.0734123	0.403165	-2.48038	0.379375	0.663396	-1.5074	0.12071	2.15085	2.15085	0.0284586	0.308294	3.24366	0.776479	1.1383	1.1383	0.180606	0.52363	-1.90974	0.0284111	3.2452	3.2452	0.742612	1.16178	1.16178	6.2112	11.8771	2.91544	1
cg12378237	MCTP1;MCTP2	0.0258892	0.00986569	0.299971	-3.33366	0.0681801	0.4703	-2.1263	0.0795353	0.474545	-2.10936	0.507713	0.779706	-1.28253	0.0311865	0.173227	-5.77277	0.0219357	0.2748	-3.63975	0.0022604	0.0312566	0.43994	-2.27304	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	0.0158407	0.566042	-1.76681	1
cg12299554	MCTP2;MCTP2	0.0350244	0.691844	0.859839	-1.16301	0.0452928	0.38809	0.1939102	0.29288	0.922888	0.141765	0.549457	-1.81998	0.0349761	0.194003	0.75406	-1.32615	0.762479	1.12176	1.12176	0.0626555	2.21242	2.21242	0.835911	0.08179	0.108971	0.915453	0.148407	0.148407	14.3843	16.202	8.79808	2.02281	1
cg04231905	MCTP2;MCTP2	0.0410155	0.116999	0.552031	-1.81149	0.759187	0.898271	-1.11325	0.867677	1.05991	1.05991	0.00948307	0.317636	-3.14825	0.00592194	0.284784	3.51143	0.343196	0.71126	-1.40595	0.3763693	0.728517	-1.37265	0.623415	1.18848	1.18848	0.0174764	0.3644455	-2.74383	3.64923	7.03622	1.7139	1
cg04213701	MCTP2;MCTP2;MCTP2	0.0013824	0.0013824	0.175131	-5.70911	0.0.0.0	1.78944	1.78944	0.0.0.0	1.14561	1.14561	0.0.0.0	0.873257	-1.14514	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1
cg14304204	MCTP2;MCTP2;MCTP2	0.00249613	0.833445	0.97815	-1.02234	0.0954118	1.41118	1.41118	0.0302683	0.652894	-1.53164	0.249482	0.881372	-1.1346	0.597433	0.945621	-1.05751	0.256179	1.1241	1.1241	0.00224325	1.90434	1.90434	0.156596	1.17231	1.17231	0.717359	0.962578	-1.03888	0.03616	1.57528	0.154961	1
cg07987151	MCTP2;MCTP2;MCTP2;MCTP2	0.0307358	0.730703	1.03488

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Ratio(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ilg18925548	MDK;MDK;MDK	0.00118078	0.13529	0.829321	-1.20916	1.00394838	0.632925	-1.57997	0.384777	0.900211	-1.11085	0.8312255	0.742144	-1.34745	0.12074	0.819941	-1.2196	1	0.000257321	2.03356	2.03356	0.602367	0.940019	-1.06381	0.000942173	0.5588117	-1.7895	0.267835	1.14588	11.2234	2.4739	0.199332	1
ilg10428115	MDK;MDK;MDK	0.00121632	0.0067614	0.733125	-1.36402	0.00744862	0.636181	-1.57188	0.886417	0.987441	-1.01272	0.724297	0.96917	-1.03181	0.389203	0.924938	-1.08115	1	0.000166288	1.76328	1.76328	0.185691	0.883303	-1.13211	0.0582024	0.827543	-1.2084	0.251171	0.89941	-1.11184	11.1288	1.37816	0.110077	1
ilg25448812	MDK;MDK;MDK	0.0302951	0.00871892	0.363387	-2.75189	0.375276	1.31736	1.31736	0.0847034	0.561279	-1.78165	0.0553316	0.517922	-1.93079	0.120501	0.600442	-1.66544	1	0.48964	1.23686	1.23686	0.00649294	0.342461	-2.92004	0.0467677	0.501798	-1.99283	0.546748	0.831333	-1.20289	4.07264	5.9177	1.29159	1
ilg08151498	MDK;MDK;MDK;MDK	0.0169423	0.2686837	0.69172	-1.44567	0.567907	1.21839	1.21839	0.00123991	0.186867	-5.02849	0.0204234	0.384403	-2.60144	0.0809037	0.523621	-1.90967	1	0.381201	1.73541	-1.19378	0.823371	0.926357	-1.0795	0.743194	0.8093667	-1.11936	0.930059	0.970785	-1.03009	3.79202	7.03153	1.64826	1
ilg02020384	MDM1	0.0183357	0.0318806	0.307785	-3.24902	0.0186128	0.262706	-3.80654	0.172635	0.506574	-1.97405	0.197745	0.528397	-1.89252	0.0351611	0.316712	-3.15745	1	0.83979	0.909514	-1.09949	0.000929609	0.0986453	-10.1373	0.576641	1.30249	1.30249	0.0680472	0.383853	-2.60516	4.8449	16.8463	3.09077	1
ilg23741982	MDM1;MDM1	0.000323552	0.000830935	0.668823	-1.49516	0.613045	1.03557	1.03557	0.746661	1.02246	1.02246	0.339562	1.00978	1.00978	0.269716	0.287672	0.927159	-1.07859	0.0949937	0.881852	-1.13398	1.77E-05	1.82487	0.0907221	1.13623	1.13623	0.173618	0.905552	-1.1043	16.1267	1.19947	0.0661138	1
ilg14097373	MDM1;MDM1	0.00324176	0.00107034	0.569734	-1.75521	0.1918879	1.17445	1.17445	0.722559	0.959355	-1.04237	0.528616	0.928388	-1.07714	0.000256977	0.496369	-2.01463	1	0.293363	0.880846	-1.13527	0.511217	0.925373	-1.08064	0.438367	1.09637	1.09637	0.0663329	1.27087	1.27087	8.36308	1.79446	0.190728	1
ilg23926526	MDM1;MDM1	0.00508585	0.0118835	0.389153	-2.55982	0.0009478451	0.189329	-5.28182	0.0166536	0.415267	-2.42939	0.0910747	1.75954	1.75954	0.0179318	0.417453	-2.39548	1	0.955202	1.01717	1.01717	0.0131604	0.393273	-2.54276	0.237064	0.6760898	-1.47907	0.976842	1.00885	1.00885	7.30054	10.6591	1.29791	1
ilg24599943	MDM1;MDM1	0.00807362	0.0262668	0.391237	-2.556	0.0866793	0.303898	-3.29057	0.00717581	0.290611	-1.44103	0.823553	0.914579	-1.0994	0.0498248	0.637703	-3.2289	1	0.114625	0.542863	-1.84208	0.0031064	0.236875	-4.22163	0.0905412	1.94246	1.94246	0.06793	0.482914	-2.07076	6.32588	12.6992	1.78444	1
ilg26980138	MDM1;MDM1	0.0163667	0.166252	0.839572	-1.19108	0.0717478	1.26891	1.26891	0.00978366	1.47246	1.47246	0.00357167	0.62653	-1.59609	0.979115	0.996904	-1.00311	1	0.0586687	0.776667	-1.28755	0.510823	1.08221	1.08221	0.495169	0.921229	-1.08551	0.479593	1.08886	1.08886	5.03595	1.11916	0.197542	1
ilg11587658	MDM1;MDM1	0.0227121	0.923153	0.138235	1.08314	0.926552	1.02927	1.02927	0.703898	1.12018	1.12018	0.124257	1.14005	1.14005	0.0642102	0.726435	-1.37659	1	0.241583	1.1821	1.1821	0.00125704	0.522175	-1.91507	0.0579071	0.7934221	-1.26051	0.313991	0.400067	1.12476	1.12476	4.85202	1.63141	0.262233	1
ilg07430608	MDM1;MDM1 MDM2;MDM2;MDM2;MDM2;MDM2;	0.0329912	0.570152	0.878086	-1.13884	0.143256	0.700208	-1.42815	0.204365	0.738272	-1.35451	0.473098	1.17977	1.17977	0.062386	0.621752	-1.60836	1	0.0054215	2.29122	2.29122	0.84457	0.956505	-1.04547	0.0327618	1.76104	1.76104	0.306514	1.27105	1.27105	3.95043	3.21135	0.722588	1
ilg04667586	MDM2;MDM2;MDM2 MDM2;MDM2;MDM2;MDM2;MDM2;	6.51E-05	?	?	2.92E-05	4.50316	4.50316	?	?	0.00391387	0.8785	-1.1383	?	?	?	?	7.32E-05	2.58535	2.58535	?	?	?	?	1535	4.75044	0.000206256	1
ilg05953180	MDM2;MDM2;MDM2 MDM2;MDM2;MDM2;MDM2;MDM2;	0.00493442	0.0530371	1.2731	1.2731	0.131393	0.836206	-1.19588	0.00747517	0.685067	-1.45971	0.0462196	1.2851	1.2851	0.0964871	1.22193	1.22193		0.37316	0.904465	-1.10563	0.00116235	0.592228	-1.68854	0.079277	1.23858	1.23858	0.350135	1.11141	1.11141	7.36822	1.40768	0.16982	1
ilg24703804	MDM2;MDM2;MDM2 MDM2;MDM2;MDM2;MDM2;MDM2;	?	?	3.70357	3.70357	?	?	?	?	?	?	44.667	44.667	?	23.6815	23.6815		?	10.4748	10.4748	?	?	?	?	?	?	?	18.9721	0	1
ilg01202278	MDM2;MDM2;MDM2;MDM2;MDM2 MDM2;MDM2;MDM2;MDM2;MDM2 MDM2;MDM2;MDM2;MDM2;MDM2;	0.028291	0.0582743	0.589477	-1.69642	0.048005	1.74762	1.74762	0.0520574	1.72604	1.72604	0.0090673	0.440851	-2.26834	0.104181	0.644844	-1.55076		0.918692	1.02554	1.02554	0.724488	1.09133	1.09133	0.173669	0.69942	-1.42976	0.29353	1.3088	1.3088	4.17255	4.03099	0.858732	1
ilg19722181	MDM2;MDM2;MDM2;MDM2;MDM2	0.00843106	0.0695025	1.29904	1.29904	0.0145338	0.677764	-1.47544	0.15579	0.822265	-1.21615	0.0185484	1.4447	0.0050567	1.61233	1.61233			0.915184	0.986366	-1.01382	0.652767	0.765931	-1.3056	0.0449102	1.34528	1.34528	0.160083	1.21338	1.21338	6.24005	1.64107	0.233769	1
ilg13672525	MDM4;MDM4	0.00042532	0.667331	0.887618	-1.12661	0.00086061	3.97338	3.97338	0.00557402	0.366505	-2.72847	0.000526809	4.43316	4.43316	0.00316398	0.328998	-3.03953		0.95214	1.01669	1.01669	0.000758627	0.244811	-4.08478	0.497575	1.20908	1.20908	0.098772	1.64716	1.64716	14.9449	17.9912	1.07007	1
ilg14084456	MDM4;MDM4	0.00297132	0.010809	0.670119	-1.49227	0.0123307	0.677308	-1.47643	0.00505006	0.629008	-1.58981	0.0592374	0.766211	-1.30512	0.0250083	0.716462	-1.39575		0.147002	0.823166	-1.21482	8.14E-05	0.41129	-2.43138	0.0711374	0.777206	-1.28666	0.0261153	0.718898	-1.39102	8.58529	2.12512	0.220097	1
ilg24139720	MDM4;MDM4	0.0133382	0.8157442	1.22588	0.1113173	1.76376	1.76376	1.76376	0.00722137	0.594568	1.90218	0.0122138	2.63193	2.63193	0.00267702	0.29709	-3.36839		0.720071	0.89566	-1.1165	0.0225081	0.443726	-2.25365	0.793255	0.922466	-1.08405	0.6049999	1.37388	1.37388	6.28349	9.39816	1.32908	1
ilg06812225	MDM4;MDM4	0.0345588	0.294821	0.894869	-1.11748	0.188738	1.153	1.153	0.919241	1.01042	1.01042	0.886779	0.98554	-1.01467	0.0106565	0.720141	-1.38854		0.0183591	0.746355	-1.33985	0.0457288	0.791225	-1.26386	0.27654	1.12267	1.12267	0.115802	1.19096	1.19096	3.88491	0.6433112	0.147147	1
ilg26311658	MDM4;MDM4;MDM4	0.00290017	0.0272819	1.19423	1.19423	0.3055134	0.071676	1.07476	0.0046389	1.28809	1.28809	0.1973162	1.21771	1.21771	0.1179691	1.11847	1.11847		0.0004629	1.2791	1.2791	0.00116953	0.722745	-1.38365	0.305102	1.07483	1.07483	0.0346344	1.18221	1.18221	8.56464	0.6264933	0.0650071	1
ilg26168117	MDN1	0.00139373	0.00883934	1.339778	-2.96656	0.201751	0.649536	-1.54814	0.88973	0.956019	-1.046	0.321471	1.39394	1.39394	0.00306345	0.159943	6.41259		0.134366	1.592504	-1.68775	8.91E-05	0.10285	-9.72285	0.0868147	0.541649	-1.84621	0.0168687	1.38597	2.57336	0.70333	17.8196	1.47988	1
ilg18350249	MDN1	0.00746346	0.00375922	4.57911	4.57911	0.900224	0.952378	-1.05	0.0297044	0.369563	-2.7059	0.095334	2.03974	2.03974	0.562495	0.796343	-1.2558		0.0165101	3.1248	3.1248	0.17436	1.75429	1.75429	0.00676277	3.91812	3.91812	0.00861173	3.68111	3.68111	6.48392	15.3391	2.13027	1
ilg07248136	MDN1	0.0080409	0.5252372	1.166827	-1.06806	0.637397	1.27771	1.24977	0.6251864	1.04844	1.04844	0.942859	-1.06107	1.04241	0.7504021	1.05241	1.05241	0.653684	1.12378	1.12378	0.779465	0.971694	-1.02953	0.539311	-1.85422	0.488595	0.994702	-1.00533	0.83398	1.04957	0.147293	1
ilg24055655	MDN1	0.0126507	0.00769293	1.092914	-9.15631	0.01359	1.81298	1.81298	0.192002	2.1725	2.1725	?	?	?	?	0.0234948	0.190806	-5.13492	?	?	?	0.220569	2.05477	0.205477	0.185456	2.02287	2.202887	0.559236	27.1925	2.36234	1
ilg16900022	MDN1	0.0145305	0.2752281	1.12598	1.12598	0.0145338	0.8603661	1.08243	0.144849	1.08482	0.0241611	0.755021	1.32447	1.32447	0.0241626	0.755021	1.32447		0.00588731	0.686121	-1.45747	0.17262	0.837238	-1.1944	0.0043107	0.6774846	-1.48923	0.773004	1.03057	1.03057	5.23658	0.7708214	0.151826	1
ilg01223793	MDN1	0.0167028	0.826476	1.05074	1.05074	0.5256911	0.865061	-1.15599	0.272166	1.29389	1.29389	0.00485362	2.32083	2.32083	0.00838037	0.468019	2.13666		0.3331196	1.25234	1.25234	0.0432215	0.592016	-1.68914	0.179646	1.37888	1.37888	0.138097	1.607729	-1.43322	4.99686	4.02298	0.71536	1
ilg12419035	MDN1	0.02029	0.0809822	0.555072	-1.80157	0.242272	0.689126	-1.45111	0.00388524	0.30636	-3.26414	0.423492	1.28237	1.28237	0.0148446	0.401816	-2.4887		0.2444515	0.690458	-1.44831	0.00622325	0.337896	-2.95949	0.336704	1.35169	1.35169	0.181475	0.649494	-1.53966	6.48159	6.86298	1.30307	1
ilg15364509	MDP1	0.00882365	0.0135502	0.68378	-1.46252	0.0996708	1.00241	1.00241	0.1113793	1.08204	1.08204	0.126739	0.928552	-1.07739	0.0238552	0.647259	-1.54502		0.316066	0.867792	-1.15235	0.2454567	0.91697	-1.09048	0.5651388	0.9254921	-1.08079	0.0094278	0.466398	-2.14409	12.3929	3.67328	0.263468	1
ilg20033070	MDP1	0.00109486	0.0563145	0.583183	-1.71473	0.0021964	0.342528	-2.91947	0.771229	0.929835	-1.07546	0.0142711	0.470451	-2.12562	8.33E-05	0.170792	-5.85508		0.0111062	0.451843	-2.21316	0.000424715	0.248405	-4.02569	0.0629877	0.593401	-1.6852	0.00471806	0.391895	-2.55171	11.4675	11.3073	0.876471	1
ilg23497857	MDP1	0.00399194	0.3686624	0.788228	-1.26837	0.4744016	0.62332	-1.60689	0.0933503	0.710042	1.40842	?	?	?	0.0655065	0.785222	-1.27322		0.0020038	0.748236	-1.33636	0.0215528	0.881888	-1.13137	0.0155353	0.7218554	-1.38488	0.0131417	0.309114	-3.23511	0.0944866	0.584029	0.840329	1
ilg24685926	MDP1	0.0166358	0.00386347	0.695315	-1.4382	0.2553028	0.8705053	-1.11725	0.0128021	0.749262	-1.33465	0.033753	0.7933367	-1.26045	0.876628	0.19856	-1.01461		0.0028525	0.681636	-1.46706	0.226038	0.888086	-1.12602	0.974771	1.00296	1.00296	0.147567	1.07076	0.755008	5.691006	0.1227209		1
ilg14956593	MDP1	0.0182916	0.396603	0.877119	-1.1401	0.0436219	1.419611	1.419611	0.000962517	2.10122	2.10122	0.874105	0.976335	-1.02424	0.476086	1.11566	1.11566		0.1223158	0.776558	-1.28773	0.138287	0.785819	-1.27256	0.300096	1.17608	1.17608	0.505754	0.903043	-1.10737	4.84865	1.75184	0.321159	1
ilg02786772	MDP1;CHMP4A	5.44E-06	0.0011414	0.708228	-1.41153	0.0064721	1.15878	1.15878	0.0119	1.32417	1.32417	0.0001	1.62547	2.62E-06	0.0001	1.62547	2.62E-06		0.0041673	1.82626	-1.2656	0.061123	0.997569	-1.00425	0.727E-06	2.37446	2.37446	0.153439	1.875007	0.533333	1.422	47.5787	3.70612	0.106511	1
ilg21589447	MDP1;CHMP4A	0.0042623	0.711021	0.15788	0.0273928	0.673975	-1.48374	0.702969	0.94372	-1.05964	0.339951	0.861829	-1.16033	0.411975	0.880882	-1.13523			5.76E-05	0.32366	-3.08966	0.212305	0.819851	-1.21973	0.302971	1.17507	1.17507	0.527622	0.907773	1.10703	2.78902	0.321826	1
ilg26407029	MDP1;CHMP4A	0.0068962	0.0753864	0.475579	-2.25353	0.1443	1.1338	1.1338	0.0852294	1.16294	1.16294	0.0422	1.60736	1.60736	0.0195186	0.622017	-1.60786		0.1556472	0.8502	-1.17612	0.0295198	0.8553	-1.16892	0.0917172	1.35295	1.35295	0.0373	1.20807	1.20807	0.0819579	1.10667	0.0666667	1
ilg10001646	MDP1;CHMP4A	0.0423778	0.850121	1.02119	1.02119	0.405972	0.910071	-1.09882	0.35456	0.899815	-1.11134	0.56638	1.27057	1.27057	0.192435	0.858204	-1.16522		0.0193061	0.73078	-1.3684	0.0119934	1.39986	1.39986	0.165186	0.848668	-1.17832	0.723328	0.961368	-1.04018	3.60533	0.7015511	0.172957	1
ilg09326609	MDP1;NEDD8	0.0141044	0.380205	0.875111	-1.14269	0.0147762	1.044309	-1.83755	0.0134762	1.103398	1.103398	0.4451517	1.12855	1.12855	0.0176153	0.886229	-1.12819		0.0171526	0.640413	-1.56108	0.0115048	0.775588	-1.28919	0.0387455	1.17096	1.17096	0.00598563	0.534454	-1.74078	5.28696	1.70592	0.311568	1
ilg22613968	MDS2	0.000225413	0.0181299	0.416597	-2.39833	0.0027529	0.283813	-3.53345	0.0233032	0.579538	-2.2852	0.000349158	1.373324	1.373324	0.76953	0.009938882	2.2246		0.894158	1.04141	1.04141	0.346.06	0.0464716	-1.51585	0.0275284	0.451761	-2.21536	0.0140131	0.396587	1.26759	1.30833		1
ilg07797367	ME1	0.0105186	0.0418292	0.653158	-1.53102	0.114824	0.732456	-1.36527	0.00388736	0.493642	-2.02576	0.86903	1.0025	1.0025	0.0115133	1.77509	1.77509		0.364587	1.18431	1.18431	0.505978	0.884677	-1.13036	0.389871	0.819174	-1.22074	0.00601745	0.521185	-1.9187	5.81562	3.03651	0.464115	1
ilg16701167	ME1	0.0203134	0.0293147	0.7459	-1.34079	0.0994294	1.01092	1.01092	0.0225758	0.654453	0.641399	0.544613	1.56148	1.56148	0.0158055	0.640125	1.56148		0.25001	1.22564	1.22564	0.141403	0.554645	-1.80265	0.0158055	0.5388184	0.667775	1.49837	0.0158055	0.5388184	0.667775	1.49837	5.35088	0.6600487	5.26135	5.81575	0.16568	0.62489	1
ilg05258914	ME1	0.0467553	0.228391	0.836151	-1.19596	0.275962	1.17399	1.17399	0.362365	0.875886	-1.1417	0.158695	0.807951	-1.2377	0.00517464	1.68621	1.68621		0.560679	0.920097	-1.08684	0.0581845	1.35397	1.35397	0.585078	1.08117	1.08117	0.208692	0.828953	-1.20634	3.47524	1.10276	0.282062	1
ilg14676711	ME2;ME2	0.0075312	0.274853	0.666139	-1.50119	0.149373	0.574519	-1.74158	0.0343228	0.429568	-2.32792	0.0157992	0.405437	-2.46648	?	?	?		0.0274986	0.386089	-2.59013	0.00624759	1.75209	1.75209	0.0181271	2.84847	2.84847	?	?	?	7.70697	11.7403	1.52314	1
ilg25782934	ME2;ME2	0.0018681	0.00143634	0.438369	-2.28104	0.1753485	0.272694	-1.29417	0.229151	0.797862	-1.25335	0.312864	0.629804	-1.58801	0.0179482	1.42966	1.42966		0.0670591	1.4526	-1.45007	0.926295	-1.07957	0.0610299	1.45007	1.45007	0.580813	0.8514408	-1.17453	0.675606	1.07822	1.07822	4.78978	2.42923	0.450818	1
ilg26727372	ME2;ME2	0.0212685	0.0204592	0.333884	-2.99506	0.0501118	0.415912	-2.40435	0.0536986	0.385188	-2.59613	0.8099301	1.05538	1.05538	0.0211078	0.332575	-3.00684		0.108558	0.502843	-1.98869	0.0051414	0.234251	-4.26893	0.00858144	0.260817	-3.73111	0.0377748	0.388202	-2.57598	4.60698	11.255	2.17159	1
ilg24502199	ME2;ME2	0.0249784	0.031906	0.5	-1.99998	0.0156867	0.968758	-1.03225	0.146794	0.93305	-1.07164	0.0045601	0.81829	-1.22241	0.0162749	0.580903	-1.72203		0.0113213	1.39293	1.39293	0.000717608	1.71268	1.71268	0.00553623	0.683223	-1.46365	0.00445778	0.672739	-1.48646	15.3004	2.64622	0.153734	1
ilg21607465	ME3;ME3;ME3	0.0003835515	0.0249991	-4.08179	0.5232202	0.851675	-1.17416	0.0015051	0.3213	-3.11236	4.63E-05	0.348345	-6.74106	0.0107656	0.4407255	-2.33236			0.0057816	0.407172	-2.45597	0.0156099	0.463144	-2.15916	0.0040711	0.4442585	-2.26098	0.00120977	0.308531	-3.24117	10.7778	13.4156	0.860809	1
ilg16008627	ME3;ME3;ME3	0.0123242	0.845289	0.595603	-1.0421	0.0227756	0.562556	-1.7776	0.00792391	0.487365	-2.05185	0.024801	1.75763	1.75763	0.0233722	0.604558	-1.6541		0.389488	0.830158	-1.20459	0.151133	1.38362	1.38362	0.678016	1.51009	1.51009	0.0958824	1.47112	1.47112	5.52544	1.8988	0.627208	1
ilg19918734	ME3;ME3;ME3	0.0133257	0.279237	0.711453	-1.40557	0.6551964	0.534468	-1.87102	0.00174445	0.259066	-3.86002	0.036205	0.478505	-2.08984	0.239073	0.688579	-1.45227		0.0896264	0.56762	-1.76174	0.00834135	0.360514	-2.77382	0.089654	1.76164	1.76164	0.0348168	0.474994	-2.10529	0.538639	7.81285	1.28931	1
ilg20138426	ME3;ME3;ME3	0.0109802	0.5142311	0.8	-1.25013	0.162764	0.649909	-1.54291	0.0240153	0.772542	1.03398	0.0485117	1.12815	1.12815	0.1277301	0.879	1.4577		0.5434441	1.20914	1.20914	0.0897589	1.78163	1.78163	0.0127907	0.731647	-1.36678	0.0140416	0.919185	-1.08792	4.52526	0.6727371	0.134226	1
ilg20134849	ME3;ME3;ME3	0.0357367	0.602069	1.2341	1.2341	0.548192	1.33724	1.33724	0.803965	1.12631	1.12631	0.983013	0.989869	-1.01023	0.596153	0.774298	-1.29149		0.136403	1.6065	1.6065	0.00606113	0.0795535	-12.5702	0.74363	0.854738	-1.16995	0.603455	0.778304	-1.28484	3.83805	13.9048	3.32035	1
ilg24978058	ME3;ME3;ME3	0.0191111	0.0331213	0.752753	-1.32905	0.1310685	0.870047	-1.14958	0.0238286	0.766487	-1.30468	0.0196687	0.89422	-1.11854	0.0157184	0.719169	-1.39042		0.0400188	0.586487	-1.70549	0.0109406	0.0909694	-10.9955	0.0157184	0.719169	-1.39042	0.0109406	0.0909694	-10.9955	0.398874	0.7609597	0.188008	0.5317668	0.0987582	0.02421	1
ilg08310519	ME3;ME3;ME3	0.039745	0.772406	0.923131	-1.08327	0.0443736	0.528942	-1.89057	0.0507397	0.541226	-1.84766	0.607619	1.15355	1.15355	0.202057	1.44991	1.44991		0.593358	0.861869	-1.16027	0.0051206	2.77323	2.77323	0.356168	2.767701	-1.29921	0.348231	1.766166	-1.3052	3.69182	4.44761	1.07086	1
ilg09141659	ME3;ME3;ME3	0.0478801	0.903096	0.57697	-1.02357	0.640882	1.09403	1.09403	0.451417	0.863494	-1.15809	0.0103145	0.538893	-1.85565	0.00879213	0.52822	-1.89315		0.153752	0.746668	-1.33928	0.0753659	1.4604	1.4604	0.82332	0.958125	-1.04371	0.958364	1.01004	1.01004	4.44224	1.99601	0.515133	1
ilg17080504	ME3;ME3;ME3;ME3	0.0148914	0.3185317	0.763493	-1.31008	0.2563179	0.765483	-1.30645	0.139224	0.620272	-1.61267	0.0207272	0.620272	-1.61267	0.0207272	0.620272	-1.61267		0.0379565	0.748649	-1.33607	0.0756577	1.76749	1.76749	0.0807054	1.41228	1.41228	0.0743168	1.24107	1.24107	0.0743168	1.24107	1.24107	0.0743168	1.24107	1.24107	4.11248	0.6649954	0.1211727	1
ilg23661578	MEA1;KLHDC3	0.000112182	0.0001712	0.44881	-2.22812	0.792389	1.04146	1.04146	0.91029	1.01751	1.01751	0.532633	0.907254	-1.10223	0.149409	0.788757	-1.26878		0.937965	0.988084	-1.01206	1.74E-06	0.158517	-6.30451	0.510244	1.10834	1.10834	0.0569245	1.39348	1.39348	21.4695	8.06445	0.333888	1
ilg10599035	MEA1;KLHDC3	0.0003245	0.485087	1.12487	-1.12697	0.0336033	0.214102	-2.9432	0.132465	0.605654	1.60164	9.26E-06	0.863226	-1.15.871	0.145182	0.670305	-1.49168		0.0011107	0.726385	-1.37666	0.0485446	0.855226	-1.16871	0.2.1E-05	1.3026	1.3026	0.0380952	1.29564	1.29564	16.71	21.1802	1.16917	1
ilg03535439	MEA1;KLHDC3	0.0023682	0.944247	0.982373	-1.01794	0.47596	2.02204	1.6.01396	0.14343	1.14343	0.85344	1.04815	1.04815	0.355043	1.27371	1.27371			0.389488	0.830158	-1.20459	0.151133	1.38362	1.38362	0.678016	1.51009	1.51009	0.0958824	1.47112	1.47112	5.52544	1.8988	0.627208	1
ilg21910650	MEA1;KLHDC3	0.00344108	0.00538618	0.19166	-5.21757	0.000263509	0.0669879	-14.9281	0.931424	0.961937	-1.03957	0.11561	0.46245	-2.1624	0.00273729	0.154972	-6.45277		0.0896264	0.56762	-1.76174	0.00834135	0.360514	-2.77382	0.089654	1.76164	1.76164	0.0348168	0.474994	-2.10529	0.538639	7.81285	1.28931	1
ilg24636717	MEA1;KLHDC3	0.0191976	0.1936501	1.1	-1.0.0.5	0.162764	0.649909	-1.54291	0.0240153	0.772542	1.03398	0.0485117	1.12815	1.12815	0.1277301	0.879	1.4577		0.5434441	1.20914	1.20914	0.0897589	1.78163	1.78163	0.0127907	0.731647	-1.36678	0.0140416	0.919185	-1.08792	4.52526	0.6727371	0.134226	1
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs.1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1 vs.1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537 vs. N)	p-value(1577 vs. N)	Fold-Change(1 vs.1577 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs.5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs.5637 vs. N)	F(Error
ga00049139	MED12L	0.00702372	0.0460022	0.631344	-1.63094	0.00393505	0.463159	-2.15909	0.387619	1.20854	1.20854	1.03415	0.595588	0.0248322	0.564758	1.77067	0.0588682	1.57837	1.57837	0.467012	1.51869	1.15869	0.0148371	1.89859	0.934899	1.03763	1.01763	6.60814	4.76859	0.644134	1
ga24255728	MED12L	0.007562	0.412476	0.900111	-1.11097	0.0032796	0.604562	-1.65409	0.789622	0.966973	-1.03415	0.595388	0.888426	-1.12559	0.00503853	0.505097	1.97982	0.00408741	0.616353	-1.62245	0.0320326	0.729441	-1.37091	0.73306	0.957915	-1.04393	0.213452	0.848284	-1.17885	0.457717	1.61314	0.222063	1
ga15001056	MED12L	0.00940091	0.47984	0.833114	-1.20032	0.317486	0.768995	-1.3004	0.0114234	0.447224	-2.23602	0.541026	1.17035	1.17035	0.00411009	0.375869	-2.6605	0.628107	0.883309	-1.13211	0.00100333	0.288971	-3.46055	0.303867	1.31088	1.31088	0.0323618	0.528926	-1.89062	0.02829	6.16944	0.909702	1
ga19625351	MED12L	0.0250137	0.0242942	0.637626	-1.56832	0.68071	1.06982	-1.06906	0.554119	0.934564	-1.10551	0.597456	0.893441	1.09343	0.00327256	0.510776	-1.95788	0.31684	1.18939	1.18939	0.207646	0.8083156	-1.24944	0.0426142	1.47883	1.47883	0.124278	0.75637	-1.32175	4.3564	1.9383	0.395494	1
ga16899444	MED12L	0.0430644	0.167879	0.711501	-1.40548	0.678612	0.908014	-1.1013	0.0320737	0.559045	-1.78876	0.56749	0.874735	-1.1432	0.00180303	0.35775	-2.79525	0.499344	1.17211	1.17211	0.263141	1.33163	0.948309	0.985098	-1.01513	0.976715	0.993264	-1.00678	1.58385	3.04408	0.755011	1
ga12956884	MED12L	0.0458099	0.0439651	0.394832	-2.53272	0.4005517	0.707897	-1.41264	0.201448	0.58185	-1.71865	0.380489	0.653764	-1.5296	0.00198856	0.173274	-5.7712	0.0191267	0.320961	-3.12148	0.0961517	0.480247	-2.08226	0.334547	0.670641	-1.49111	0.130681	0.519332	-1.92555	3.49045	0.93149	2.26867	1
ga07736012	MED12L	0.048616	0.0324345	0.713138	-1.40225	0.5798854	0.748764	-1.33553	0.0766985	0.766582	-1.30449	0.499176	1.09704	1.09704	0.3993197	1.12353	1.12353	0.0846676	1.29364	1.29364	0.11017	1.26499	1.26499	0.54289	0.920212	-1.08671	0.0742875	0.764521	-1.30801	3.42441	0.98858	0.25661	1
ga05684005	MED12L/GPR87	2.16E-05	0.347654	0.961561	-1.10588	0.846106	0.36666	-2.72732	0.0552	0.367847	-2.71852	0.163072	0.855461	-1.1676	0.0223439	1.12962	1.12962	0.0002014	1.84342	1.84342	0.0014407	1.617761	1.617761	0.0225228	0.947906	-1.15706	0.0792258	0.907298	-1.00271	33.1884	5.69326	0.152483	1
ga00594024	MED12L/GPR87	0.0596002	0.622668	0.855287	-1.16922	0.000436316	5.766	5.766	0.180451	5.6491	1.64591	0.415516	0.769282	1.29991	0.663473	1.74996	1.74996	0.104225	0.57132	-1.75033	0.0312343	0.450844	-2.21806	0.0126125	2.65785	2.65785	0.436846	0.778809	1.28405	0.91939	1.39841	1
ga07754219	MED12L/GPR87	0.029817	0.471108	1.10338	1.10338	0.0935505	0.780616	-1.28104	0.326757	1.14552	1.14552	0.170606	0.822168	-1.2163	0.0264888	1.42333	1.42333	0.319928	1.14788	1.14788	0.0155212	1.48933	1.48933	0.0231997	0.694778	-1.43931	0.715461	0.95206	-1.05035	4.09572	1.16804	0.253497	1
ga15625124	MED12L/P2RY12	0.00189161	0.00388586	0.732231	-1.36586	0.0857744	0.857746	-1.16721	0.0955459	0.857746	-1.16721	0.0955459	0.831642	-1.2352	0.0419646	1.28573	1.98571	0.0020104	1.59416	1.59416	0.0040403	1.69576	1.69576	0.0084846	0.893346	-1.11939	0.778216	0.970216	-1.0307	9.79952	1.77581	0.216117	1
ga18143869	MED12L/P2RY12	0.00735176	0.0636187	0.661126	-6.20631	0.0390363	0.329466	-3.03522	0.0774678	0.401643	-2.48978	0.292326	0.601822	-1.66162	0.00244091	0.140127	-7.13638	0.109061	0.443878	-2.25287	0.00702325	0.619281	-1.61529	0.0157458	1.50166	1.50166	0.260938	0.576877	-1.7245	0.00110041	0.106828	2.22889	3.04122	1
ga09422741	MED12L/P2RY12	0.0215281	0.729861	0.867723	-1.17271	0.00223544	0.441637	-2.06329	0.0710562	0.395811	-2.52546	0.0946982	0.323517	-3.10661	0.0278161	0.30227	-3.30761	0.692284	0.832017	1.2006	0.00562691	0.912453	-1.09583	0.684613	0.828962	-1.20583	0.00384594	0.156894	-5.9182	0.40932	18.3684	2.97386	1
ga11919271	MED12L/P2RY12	0.0497033	0.1770397	0.556179	-1.79798	0.0870162	0.461713	-2.16585	0.0434748	0.562054	-2.76202	0.00752534	0.245007	-4.08151	0.392082	0.698685	-1.43126	0.960716	0.98006	-1.02035	0.1415151	1.90882	1.90882	0.394163	1.4289	1.4289	0.102169	0.481191	-2.07818	3.9958	8.99361	2.35418	1
ga00091349	MED12L/P2RY13	0.00624763	0.0643127	0.592477	-1.68783	0.379359	0.796842	-1.25495	0.0241301	0.714905	-1.39879	0.450846	0.824099	-1.21345	0.047205	0.161149	-6.20543	0.35398	0.786514	-1.27143	0.2612697	1.34313	0.659911	1.11797	1.11797	0.0805826	0.613842	-1.62908	0.852296	0.682161	0.892735	1
ga12207930	MED12L/P2RY13	0.00773248	0.464075	0.888316	-1.12609	0.8021162	0.960782	-1.04082	0.0705053	0.732857	-1.36452	0.0342226	0.675237	1.48025	0.00762559	0.707921	-1.72691	0.0747398	1.13208	1.13208	0.0020708	2.00087	2.00087	0.129021	1.29876	1.29876	0.300786	0.842936	-1.18634	0.44123	0.57912	0.357522	1
ga24474182	MED12L/P2RY13	0.0355986	0.0381075	0.551048	-1.81472	0.795164	0.937537	-1.06663	0.522195	1.17446	1.17446	0.00770174	0.427901	-2.33699	0.905682	0.971042	-1.02982	0.299236	0.766104	-1.30531	0.0162958	2.07136	2.07136	0.280759	1.32041	1.32041	0.359177	0.791571	-1.26331	3.84945	3.74129	0.865263	1
ga00290355	MED12L/P2RY14	0.00120189	0.347726	1.15131	1.15131	0.0158274	0.518445	1.15845	0.0117868	0.632709	-1.58155	0.502991	0.924385	-1.0818	0.0237348	1.48202	1.48202	0.000487948	2.21761	2.21761	0.00445453	2.31444	2.31444	0.023354	1.48422	1.48422	0.282177	0.840703	-1.17688	11.1668	3.75616	0.289995	1
ga08629907	MED12L/P2RY14	0.00427416	0.0318893	0.60127	-1.66357	0.0936382	0.456903	-2.18805	0.00675467	0.497035	-2.01193	0.663128	0.991818	1.09118	0.0313337	1.65339	1.65339	0.158474	1.35004	1.35004	0.0649223	1.51085	1.51085	0.0282528	0.597942	-1.6724	0.467892	1.15842	1.15842	0.696486	4.83193	0.558026	1
ga17913275	MED12L/P2RY14	0.031384	0.00336851	0.77539	2.77539	0.268498	0.744538	-1.34311	0.277669	0.749045	-1.33503	0.0707833	0.67658	1.67658	0.3361131	1.28898	1.28898	0.0413319	1.82638	1.82638	0.043047	1.81462	1.81462	0.546217	0.855294	-1.16919	0.995463	1.00146	1.00146	4.02173	4.17287	0.922295	1
ga06379383	MED12L/P2RY14/P2RY14	0.0179536	0.747462	1.10325	1.10325	0.0757047	0.414525	-2.41241	0.0136567	0.47376	-2.11972	0.80658	1.07747	1.07747	0.9914481	1.00327	1.00327	0.0488916	1.98187	1.98187	0.0185466	2.38408	2.38408	0.011524	1.66859	1.66859	0.0230941	1.02785	1.07455	5.40859	1.30237	1
ga01046837	MED13	3.79E-05	0.267458	0.851248	-1.17475	0.5795	0.108116	0.08316	0.22246	1.19571	0.089962	0.742846	-1.34617	0.383754	0.882928	-1.13259	0.825356	1.03129	1.03129	3.95E-07	0.132602	-7.54135	0.69076	1.05733	1.05733	0.0157458	1.51066	1.51066	0.826382	1.81361	0.273614	1
ga06489586	MED13	0.00019151	0.00078494	0.742308	-1.61843	0.155-05	0.014774	0.0009233	0.0009233	0.0009233	1.84978	0.00218033	0.260902	-3.7467	4.87E-05	0.539308	-1.85402	0.0170923	0.00135	0.0059708	0.484	0.0009233	0.0009233	0.0009233	0.0009233	0.0009233	0.0009233	0.0009233	0.0009233	0.0009233	0.0009233	0.0009233	1
ga00376447	MED13	0.00291625	0.0461807	0.839747	-1.19083	0.155332	0.12328	0.12328	0.00146118	1.421	1.421	0.547863	0.95457	-1.04759	0.663692	1.03402	1.03402	0.0079315	0.770825	-1.29731	0.00746396	0.768451	-1.30132	0.0164442	0.799209	-1.25124	0.0460822	1.19096	1.19096	8.63035	0.798984	0.082292	1
ga04178407	MED13	0.00753299	0.0183579	0.334121	-2.99293	0.422996	0.730871	-1.36823	0.0697744	0.459845	-2.17464	0.0615385	0.466275	-2.24077	0.00217446	0.094155	-10.6208	0.0199301	0.340846	-2.93388	0.0352159	0.970353	-1.03071	0.245588	1.24588	1.24588	0.024546	0.627893	-1.59263	6.46111	15.0272	2.06609	1
ga18636012	MED13	0.00973535	0.0188504	0.312566	-3.19811	0.0202162	0.960782	-1.04082	0.0705053	0.732857	-1.36452	0.0342226	0.675237	1.48025	0.00762559	0.707921	-1.72691	0.0347398	1.13208	1.13208	0.0020708	2.00087	2.00087	0.129021	1.29876	1.29876	0.300786	0.842936	-1.18634	0.44123	0.57912	0.357522	1
ga27539720	MED13	0.0182606	0.132789	1.38645	1.38645	0.0582034	0.649585	-1.51921	0.156866	0.737094	-1.35668	0.903032	0.975744	-1.02486	0.0559474	1.54684	1.54684	0.0410756	1.60781	1.60781	0.00443634	0.465395	-2.14871	0.164472	0.741699	-1.34826	0.243969	0.782248	-1.27837	4.8516	3.11861	0.571377	1
ga01142340	MED13L	0.00405408	0.0095904	0.368066	-2.71703	0.0780504	0.154294	-1.38998	0.0220564	0.160163	-3.65163	0.00919119	0.0035427	-5.08563	-1.29893	0.0342009	0.0003	0.0017235	0.403366	-2.47914	0.944245	0.407032	-2.45635	0.0134753	1.52277	1.52277	0.0044335	0.462546	-2.16195	11.544	9.82885	0.580439	0.580439
ga21747005	MED13L	0.00374301	0.00446245	0.49376	-2.02528	0.188367	0.771552	-1.29609	0.00258039	0.457896	-2.1839	0.367722	1.1785	1.18785	0.00582536	0.510739	-1.95795	0.00551789	0.507264	-1.97136	0.0104334	0.529154	1.89025	0.0242015	-2.26237	0.268933	1.23892	1.23892	0.110747	1.723719	0.381575	0.810295	0.392906	0.487439	1
ga25180759	MED13L	0.003837	0.00850369	0.562671	-1.77724	0.00500516	0.529451	-1.88875	0.0587487	0.693815	-1.44131	0.407297	1.1562	1.1562	0.00050648	0.394391	-2.53556	0.590228	1.09594	1.09594	0.166331	1.2875	1.2875	0.778491	0.952862	-1.04947	0.00845052	0.562273	-1.7785	7.95147	3.69211	0.412738	1
ga25154075	MED13L	0.00603819	0.00332213	0.496401	-2.01459	0.0164432	0.212493	-2.27292	0.00338354	0.451542	-2.21665	0.0224083	0.919304	-1.08772	0.0419034	1.62705	1.62705	0.741615	0.943608	-1.06006	0.618761	1.09184	1.09184	0.788355	1.10196	1.10196	0.125179	0.747734	-1.33737	6.42558	3.56206	0.431899	1
ga16334017	MED13L	0.00606024	0.859175	1.01756	1.01756	0.899078	0.21251	1.01251	0.0894745	1.20142	1.20142	0.0311956	0.780515	-1.28121	0.0140523	0.742925	-1.34603	0.334621	1.10244	1.10244	0.00222292	0.67441	-1.48278	0.00391561	0.683478	-1.4631	0.00769334	0.714875	-1.39885	0.91779	1.05239	0.135225	1
ga04230029	MED13L	0.00659144	0.0213103	0.567388	-1.76252	0.0923201	0.556406	-1.79757	0.0178446	0.567388	-1.76252	0.0923201	0.556406	-1.79757	0.0178446	0.567388	-1.76252	0.0923201	0.556406	-1.79757	0.0178446	0.567388	-1.76252	0.0923201	0.556406	-1.79757	0.0178446	0.567388	-1.76252	0.0923201	0.556406	-1.79757	0.0178446	1
ga01626895	MED13L	0.0130555	0.00177296	0.462185	-2.16363	0.473534	0.881265	-1.13473	0.104413	0.735077	-1.3604	0.391615	1.16438	1.16438	0.00977862	0.567543	-1.76198	0.0408916	1.98187	1.98187	0.0185466	2.38408	2.38408	0.011524	1.66859	1.66859	0.0230941	1.02785	1.07455	5.40859	1.30237	1
ga02533281	MED13L	0.0216315	0.332499	0.771349	-1.29643	0.00090786	0.230425	-4.33982	0.0417351	0.543596	-1.8396	0.775144	0.928325	-1.07721	0.190775	0.697846	-1.43298	0.81375	0.940554	-1.06362	0.957445	1.01095	1.01095	0.668016	1.11856	1.11856	0.195622	0.700882	-1.42677	0.580379	4.89205	0.949772	1
ga12918213	MED13L	0.00250908	0.301596	0.774374	-1.29117	0.0754417	0.27529	-3.63202	0.0156405	0.374724	-2.66952	0.0164548	0.208767	-4.79236	0.00148378	0.0218033	-4.58602	0.317553	1.18397	1.18397	0.0062448	2.02176	2.02176	0.0034455	1.59445	1.59445	0.0327127	0.833222	1.88839	0.0560716	0.566418	0.261624	0.818346	1
ga03777826	MED13L	0.0303748	0.0429817	0.621281	-1.60958	0.743837	0.935183	-1.06931	0.111834	0.701961	-1.42458	0.457376	1.16727	1.16727	0.00533666	0.474744	2.1064	0.390581	0.835445	-1.19697	0.0883607	0.680956	-1.46852	0.0559507	1.5566	1.5566	0.0443973	0.623842	-1.60297	4.06884	2.6915	0.587992	1
ga12113819	MED13L	0.1494317	0.1494387	0.719193	-1.39045	0.0307722	0.1695	0.1695	0.0525599	0.13048	1.28048	0.692272	0.98632	1.08632	0.0881	0.0164586	5.543421	0.260596	0.783357	-1.27655	0.115134	0.700122	-1.42832	0.0215155	1.97455	1.97455	-1.73927	0.254825	1.28078	1.28078	0.144244	0.754545	0.626913	1
ga03776926	MED13L	0.03474	0.00802744	0.222826	-4.48781	0.0095148	0.234119	-4.27133	0.744913	0.865623	-1.15524	0.450677	0.711967	-1.40456	0.0011761	0.215482	-6.64077	0.905977	0.940111	-1.05362	0.45731	0.715636	-1.39736	0.347824	1.02935	1.02935	0.0451054	0.361958	2.76275	3.87758	11.999	2.75063	1
ga05158109	MED14	2.30E-06	0.429858	0.882466	-1.13319	6.51E-08	0.058177	-17.0019	0.152264	0.788247	-1.26864	0.942592	0.01124	1.01124	3.15E-05	0.283954	-3.5211	0.425318	0.881331	-1.13465	0.0154305	1.58592	1.58592	0.814879	0.964262	-1.03706	3.64E-06	0.185772	-5.38295	59.2641	22.6052	0.338936	1
ga20003100	MED14	0.00055868	0.9649951	1.01992	1.01992	0.0307722	0.75777	-1.3677	0.0001728	0.75777	-1.3677	0.0001728	0.482254	-2.0731	-1.12736	0.0224	0.0224	-1.70556	0.360527	2.77254	0.363025	2.77254	2.77254	0.363025	2.77254	2.77254	0.363025	2.77254	2.77254	0.363025	2.77254	2.77254	0.363025	1
ga06309256	MED14	0.00992092	0.805478	1.16471	1.16471	?	?	?	?	?	?	?	?	?	?	?	?	0.00709337	0.0436247	2.92928	0.0436247	2.92928	2.92928	0.0436247	2.92928	2.92928	0.0436247	2.92928	2.92928	0.0436247	2.92928	2.92928	0.0436247	1
ga04570247	MED14	0.0218225	0.781912	1.08145	1.08145	0.318496	0.719726	-1.38942	0.0214439	0.534367	-1.8719	0.0427115	0.740917	-1.34995	0.0205844	0.410709	-2.43514	0.971003	1.01666	1.01666	0.0873384	2.214168	2.214168	-4.66923	0.463719	2.62809	0.0178144	0.398959	-2.50653	4.56661	1.4325	0.350663	1
ga01462546	MED15/MED15	0.00046134	0.00054294	0.258394	-3.87005	0.232498	0.729672	-1.37048	0.000183584	0.203629	-4.91088	0.126289	0.659445	-1.51643	0.0121197	0.455314	-2.1972	0.55291	0.859758	-1.16312	0.795343	0.936665	-1.06762	0.0444668	1.7877	1.7877	6.14E-05	0.155516	-6.43019	14.7489	14.8004	0.891992	1
ga03755053	MED15/MED15	0.0056719	0.629259	-1.58917	0.0781477	0.0145588	0.0001955	-1.00185	0.0341397	0.528912	-1.8912	0.0062702	0.374556	-2.67005	0.0010378	0.228651	-4.37492	0.0039506	0.0813974	-2.45892	0.0014505	0.576882	-1.73407	0.0183402	0.507729	-1.6744	0.134318	0.742616	0.947906	0.649186	0.584039	1
ga02014809	MED15/MED15	0.00087173	0.354117	0.857943	-1.16605	0.00107666	0.332049	0.1616	0.0455837	1.38071	0.08057	0.0035773	0.880715	0.0538709	0.0742385	0.172525	-5.79	0.0137139	0.762889	1.30499	0.0221423	0.55719	0.0929578	1.7617	0.0741733	1.37884	0.121	0.540498	0.366954	1.51911	0.540498	0.366954	1
ga25577379	MED15/MED15	0.00088212	0.129928	0.761227	-1.31367	0.228658	0.810012	-1.23455	0.000873169	0.434899	-2.29938	0.290267	1.20087	1.20087	0.000949599	0.439711	-2.27422	0.00204686	0.484471	-2.06411	6.93E-05	0.297536	-3.36094	0.357777	0.854088	-1.17084	0.327645	0.844916	-1.18355	12.1916	5.3705	0.391563	1
ga06801736	MED15/MED15	0.00017244	0.299167	0.7885	-1.26837	0.0187	0.1267	-1.18267	0.0182014	0.41524	-2.40824	0.0412372	0.1565	-1.56403	0.0129375	0.1565	-6.39006	0.0010614	0.214461	-4.66261	0.0066684	0.193777	-5.15333	0.0018074	0.47618	-2.10011	0.0180073	0.47618	-2.10011	0.0180073	0.47618	-2.10011	0.0180073	1
ga11937681	MED15/MED15	0.00263929	0.917295	0.967196	-1.03392	0.0151187	0.383443	-2.60795	0.258101	0.684596	-1.46072	0.346468	1.36522	1.36522	0.000390244	0.162773	6.14352	0.845676	1.06457	1.06457	0.0079156	1.496519	-5.08857	0.0193032	0.403061	-2.48101	0.00506372	0.304215	-3.28715	8.88888	14.5159	1.45159	1
ga29954171	MED15/MED15	0.00706088	0.628223	0.975711	-1.42457	0.109284	0.47775	-1.97351	0.278468	0.748649	-1.33598	0.453784	0.748649	2.48648	0.00124121	0.0162808	-54.7021	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
ga05447966	MED15/MED15	0.00190977	0.537281	0.829861	-1.20504	0.101634	0.585622	-1.70759	0.641097	0.869205	-1.15048	0.386417	0.928943	-1.37185	0.000451545	0.191838	-5.21272	0.0209576	0.436314	-2.29193	0.0013966	0.491399	-2.03501	0.0157713	1.00913	1.00913	0.428128	0.785415	-1.27321	4.73787	6.7472	1.22503	1
ga26608332	MED15/MED15	0.018471	0.782996	1.07195	1.07195	0.0680913	0.597991	-1.67227	0.775447	1.07463	1.07463	0.510675	0.853775	-1.17127	0.0567616	0.581195	-1.72059	0.0154127	0.681168	-1.46807	0.0606321	0.405779	-2.46344	0.0055175	0.394737	-2.53333	0.827573	0.946581	-1.05643	3.76325	3.74787	0.891654	1
ga12411858	MED15/MED15	0.00405557	0.0164059	0.454757	-2.19877	0.245406	0.573	-1.74488	0.0277497	0.459436	-2.17473	0.0174388	0.499731	2.00027	0.140398	0.499731	-2.00107	0.0150484	0.9807	-1.01959	0.8407	0.499731	-2.00107	0.0150484	0.9807	-1.01959	0.8407	0.499731	-2.00107	0.0150484	0.9807	-1.01959	0.8407	1
ga26768625	MED15/MED15	0.00424007	0.918709	0.966649	-1.0345	0.0389402	0.451936	-2.2127	0.60936	0.842622	-1.18677	0.605377	1.18908	1.18908	0.0285644	0.423852	-2.35931	0.2206	0.651884	-1.53402	0.0174717	0.382423	-2.6149	0.00479103	0.288252	-3.46919	0.897902	0.958244	-1.04358	3.6046	6.30246	1.55418	1
ga07585378	MED15/MED15	0.00460838	0.0473249	0.652271	-1.53207	0.534707	0.888512	-1.12548	0.460543	0.868272	-1.15171	0.76673	0.945625	-1.05752	0.0304233	0.488451	-2.04737	0.122584	1.27013	1.27013	0.0140909	0.599155	-1.67576	0.183967	0.996117	-1.0039	0.197594	0.774102	-1.29182	0.45468	3.95733	0.4976	1
ga04369837	MED15/MED15	0.0497614	0.136415	0.34315	0.0458514	0.655471	-1.5233	0.045368	0.655709	-1.52507	0.342162	1.19715	1.19715	0.786096	-1.05587	0.10548	-9.4809	0.0100493	1.8171	1.8171	0.0462691	1.14881	1.14881	0.739721	-1.06322	0.16322	0.283303	1.22748	1.3943	1.81727	0.475903	1
ga21552947	MED16	0.00730459	0.652286	1.07751	1.07751	0.000276385	2.66379	2.66379	0.00903197	1.72669	1.72669	0.933874	0.986436	-1.01375	0.105284	1.33813	1.33813	0.2320095	1.22907	1.22907	0.560547	0.907684	-1.1017	0.648979	1.07834	1.07834	0.00732239	1.76656	1.76656	6.52772	2.80024	0.381313	1
ga05114486	MED16	0.0509634	0.0509634	0.6473	-1.54507	0.1234	1.1234	1.1234	0.0894745	1.1234	1.1234	0.0894745	1.1234	1.1234	0.0894745	1.1234	1.1234	0.0262988	0.653796	-1.52953	0.183563	1.03407	1.03407	0.296381	0.893761	-1.11909	0.0780073	0.47816	-2.09101	0.0780073	0.47816	-2.09101	0.0780073	1
ga03721994	MED16	0.0253341	0.0253362	0.576076	-1.73588	0.635891	0.905763	-1.10404	0.474531	1.16292	1.16292	0.16365	0.734551	-1.36138	0.0940592	0.682459	-1.46529	0.218493	0.764441	-1.30815	0.00193976	0.402532	-2.48427	0.0996742	0.687654	-1.45422	0.0102609	0.510974	-1.95705	4.35715	2.95845	0.606329	1
ga15767351	MED16	0.00264597	0.0264597	0.6473	-1.54507	0.1234	1.1234	1.1234	0.0894745	1.1234	1.1234	0.0894745	1.1234	1.1234	0.0894745	1.1234	1.1234	0.0466543	0.652162	-1.53345	0.0515623	0.383857	-2.60577	0.0129657	0.312166	-3.20426	0.0129657	0.312166	-3.20426	0.0129657	0.312166	-3.20426	0.0129657	1
ga03440203	MED16	0.0278573	0.151427	0.567767	-1.76129	0.742368	0.885613	-1.12916	0.41075	0.733622	-1.3631	0.355946	0.704922	-1.4186	0.127428	0.544979	-1.83493	0.00803288	0.286321	-3.49258	0.00164	0.190045	-5.26192	0.0767855	1.484432	-2.06427	0.0253798	0.375832	2.66076	4.19532	0.010373	0.90916	1
ga23058882	MED16	0.0133217	0.0120137	0.513952	-1.94571	0.127235	1.48505	1.48505	0.21898	1.36339	1.36339	0.0504498	0.585926	-1.7067	0.838152	0.952251	-1.05014	0.0126248	0.475583	-2.10268	0.0878593	1.57093	1.57093	0.636815	0.892228	-1.12079	0.669381	1.08448	1.08448	1.10476	3.588	0.809119	1
ga15774543	MED16	1E-06	0.880072	0.940793	-1.06311	0.0153188	0.545745	-1.83355	0.0001888	0.533839	1.1396	0.0125191	1.17891	1.17891	0.0001888	0.533839	1.1396	0.0125191	1.17891

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08400246	MED7;MED7	0.00140163	0.523156	1.09745	1.09745	0.00135689	1.95119	1.95119	0.629302	1.0724	1.0724	0.53408	1.09471	1.09471	0.0010548	0.498478	-2.00611	0.00929273	0.622358	-1.60679	0.00149718	1.93048	1.93048	0.108136	1.28646	1.28646	0.154716	1.24468	1.24468	10.686	3.49488	0.290714	1
cg08916508	MED7;MED7	0.00179675	0.00505794	0.47227	-2.11743	0.266349	0.791051	-1.26414	0.832445	1.04381	1.04381	0.54084	1.13349	1.13349	5.00E-05	0.214381	-4.66459	0.120464	1.40617	1.40617	0.0931437	0.688094	-1.45329	0.360666	0.826803	-1.20948	0.0151963	0.546893	-1.82851	9.94699	6.45293	0.57665	1
cg08519865	MED7;MED7	0.00332285	0.927728	1.02458	1.02458	0.718513	0.907656	-1.10174	0.341869	1.29972	1.29972	0.948697	0.982923	-1.01737	0.878481	1.0418	1.0418	0.78616	1.07551	1.07551	0.173206	0.678456	-1.47393	3.75E-05	8.33069	8.33069	0.782717	0.928673	-1.07681	8.30167	9.42058	1.00869	1
cg06754923	MED7;MED7	0.00341305	0.838274	0.937626	-1.06652	0.600672	1.18109	1.18109	0.399107	0.761819	-1.31265	0.497734	1.24227	1.24227	7.40E-05	0.10337	-9.67398	0.996925	1.00121	1.00121	0.00463702	0.305171	-3.27685	0.0632833	0.517769	-1.93136	0.98331	0.993429	-1.00661	8.23554	12.9537	1.39814	1
cg20552696	MED7;MED7	0.0153254	0.0014801	0.19842	-5.0398	0.876838	1.05622	1.05622	0.143157	0.574111	-1.74182	?	?	?	0.0798089	0.503783	-1.98498	0.164751	0.592909	-1.6866	0.183349	0.607817	-1.64523	0.140174	1.7502	1.7502	0.0614482	2.10242	2.10242	5.24139	9.17806	1.75107	1
cg22723209	MED7;MED7	0.0427207	0.125671	0.670646	-1.4911	0.0618499	0.602321	-1.66025	0.0987512	1.54715	1.54715	0.139358	0.681465	-1.46743	0.158892	0.695582	-1.43765	0.0140975	2.07601	2.07601	0.497492	1.18063	1.18063	0.455672	1.20102	1.20102	0.191451	1.39572	1.39572	3.59455	3.30861	0.81818	1
cg07458516	MED8;C1orf84;MED8	0.0229099	0.0493098	0.401413	-2.4912	0.00204341	0.170631	-5.86061	0.0455751	0.393506	-2.54125	0.257431	0.61829	-1.61736	0.0289465	0.350782	-2.85078	0.0773361	0.449848	-2.22297	0.0168857	0.305524	-3.27307	0.0129077	0.284881	-3.51024	0.170929	0.552599	-1.80963	4.49093	11.7712	2.32987	1
cg19322509	MED8;MED8	7.16E-06	6.41E-07	0.23589	-4.23926	0.444162	1.0863	1.0863	0.537495	0.935895	-1.0685	4.61E-05	0.441891	-2.263	7.17E-06	0.349233	-2.86342	9.82E-05	0.479887	-2.08383	2.21E-05	0.405121	-2.4684	0.61694	0.947893	-1.05497	0.00229614	0.636211	-1.5718	44.2325	7.88829	0.158522	1
cg20850602	MED9	0.000396068	0.000284832	0.220524	-4.53465	0.00155769	0.313489	-3.18991	0.00757333	0.416345	-2.40185	0.444402	0.81965	-1.22003	6.33E-05	0.152909	-6.53984	0.20327	1.40856	1.40856	0.00155794	0.313498	-3.18981	0.155058	1.47426	1.47426	0.0197505	0.487666	-2.05058	15.2417	15.7065	0.915996	1
cg24849831	MED9	0.00632345	0.0711614	0.624685	-1.60081	0.0105129	0.471637	-2.12027	0.0346669	0.562783	-1.77688	0.0454337	0.585309	-1.7085	0.00130336	0.335221	-2.98311	0.172365	0.712444	-1.40362	0.0031204	0.389241	-2.5691	0.245308	0.75301	-1.328	0.00125892	0.333158	-3.00158	6.82741	5.89211	0.767118	1
cg06399109	MED9	0.00652949	0.0226701	0.78532	-1.27337	0.644123	1.04206	1.04206	0.0243569	0.788464	-1.26829	0.0994785	1.17344	1.17344	0.00130797	0.66068	-1.51359	0.0183138	0.776001	-1.28866	0.00486612	0.718445	-1.3919	0.570821	1.05205	1.05205	0.21369	0.890497	-1.12297	6.75987	0.83996	0.110451	1
cg27613013	MED9	0.00728344	0.736667	0.95254	-1.04982	0.28656	0.852624	-1.17285	0.0604599	0.737122	-1.35663	0.925982	0.986702	-1.01348	0.820735	0.96783	-1.03324	0.407275	1.1299	1.1299	9.72E-05	0.368508	-2.71365	0.702989	0.946304	-1.05674	0.106991	0.776075	-1.28853	6.53364	2.14776	0.292199	1
cg05550692	MED9	0.00745949	0.00362103	0.160899	-6.21507	0.0945392	2.19176	2.19176	0.0355852	2.90951	2.90951	0.0118854	0.244288	-4.09353	?	?	?	0.219283	1.72039	1.72039	0.197194	0.56346	-1.77475	0.00681373	0.202388	-4.94101	0.371838	1.46479	1.46479	9.07513	20.6901	1.7099	1
cg11903177	MED9	0.0333709	0.0791186	1.51116	1.51116	0.753207	0.93538	-1.06908	0.00316468	0.425717	-2.34898	0.531166	0.874285	-1.14379	0.184831	1.34697	1.34697	0.396374	0.831982	-1.20195	0.0429295	1.63791	1.63791	0.837385	0.957408	-1.04449	0.273087	0.785387	-1.27326	3.93421	2.79496	0.631488	1
cg04215757	MED9	0.0414575	0.532722	0.882598	-1.13302	0.00235956	2.31264	2.31264	0.135119	1.37485	1.37485	0.202908	1.3043	1.3043	0.349473	0.826666	-1.20968	0.192484	1.31342	1.31342	0.467195	0.863968	-1.15745	0.349088	0.826533	-1.20987	0.245722	0.786665	-1.27119	3.63479	2.24871	0.549922	1
cg10965183	MED9	0.0467261	0.959821	0.987129	-1.01304	0.0578478	1.73578	1.73578	0.0706339	1.68119	1.68119	0.33232	0.77323	-1.29328	0.126664	0.653864	-1.52937	0.00733695	0.411162	-2.43213	0.284096	1.33129	1.33129	0.569214	0.862488	-1.15944	0.465724	1.21033	1.21033	3.47606	3.6404	0.930915	1
cg25782563	MED9;MED9	0.0262672	0.027381	0.727006	-1.3755	0.70345	0.954354	-1.04783	0.068806	1.28247	1.28247	0.00611902	0.645939	-1.54813	0.277668	1.14787	1.14787	0.0414673	0.750341	-1.33273	0.163754	1.19906	1.19906	0.62722	1.06161	1.06161	0.455604	0.911348	-1.09728	4.28274	1.0122	0.210083	1
cg05090170	MEF2A;MEF2A;MEF2A	0.000703174	0.0233406	0.626988	-1.59493	0.000132358	3.13295	3.13295	0.767305	1.05244	1.05244	0.00573411	1.8661	1.8661	0.888277	1.02451	1.02451	0.00017909	2.98335	2.98335	0.00790395	1.79834	1.79834	0.701587	0.93583	-1.06857	0.429024	1.14921	1.14921	12.9945	6.10694	0.417747	1
cg22032020	MEF2A;MEF2A;MEF2A	0.014785	0.429318	0.750561	-1.33234	0.00226127	0.218808	-4.57022	0.0113276	0.323763	-3.08868	0.720195	0.879925	-1.13646	0.0478055	0.447184	-2.23621	0.0506692	0.452966	-2.20767	0.0121559	0.329067	-3.0389	0.11414	1.84263	1.84263	0.261042	0.659107	-1.5172	5.20547	10.4273	1.78057	1
cg24524702	MEF2A;MEF2A;MEF2A	0.0227706	0.683112	0.90433	-1.10579	0.00754014	2.32184	2.32184	0.0742812	1.62789	1.62789	0.320803	1.28573	1.28573	0.452608	0.829051	-1.2062	0.466803	1.19893	1.19893	0.00566199	0.410898	-2.43369	0.177174	1.4211	1.4211	0.276493	0.757804	-1.3196	4.50037	4.27865	0.845095	1
cg09494293	MEF2A;MEF2A;MEF2A	0.0444584	0.0417027	0.576764	-1.73381	0.69795	1.09572	1.09572	0.584253	1.13829	1.13829	0.612261	0.887089	-1.12728	0.00134396	0.335526	-2.98039	0.532223	0.862172	-1.15986	0.7568	1.07553	1.07553	0.878607	1.03648	1.03648	0.158078	0.702053	-1.42439	3.54153	3.08189	0.773524	1
cg18109838	MEF2C	0.000153795	7.51E-06	0.310427	-3.22137	0.49745	0.921472	-1.08522	0.910198	1.01349	1.01349	0.00773838	1.501	1.501	0.00092501	0.555801	-1.7992	0.112509	0.814549	-1.22767	0.578133	0.93548	-1.06897	0.0656536	0.782504	-1.27795	0.00277776	1.63182	1.63182	19.7236	4.40298	0.19843	1
cg23136275	MEF2C	0.00838481	0.00128318	0.163033	-6.13371	0.0183905	0.331113	-3.02011	0.447956	0.741684	-1.34828	0.0560447	0.433331	-2.3077	0.00373248	0.220185	-4.54163	0.0205149	0.340081	-2.94047	0.0164588	0.322212	-3.10354	0.440187	1.35551	1.35551	0.0329513	0.381443	-2.62163	6.2509	14.7816	2.10197	1
cg02135304	MEF2C;MEF2C	0.000156308	2.83E-06	0.0602197	-16.6059	0.422274	0.814311	-1.22803	0.0344118	1.85571	1.85571	0.00476089	0.390923	-2.55805	0.0417519	0.55536	-1.80063	0.163717	1.45127	1.45127	0.35341	0.787201	-1.27032	0.210642	1.39172	1.39172	0.258158	1.34403	1.34403	19.6376	19.5304	0.884036	1
cg15190401	MEF2C;MEF2C	0.0014602	0.000238357	0.516234	-1.93711	0.543426	0.935353	-1.06912	0.517534	0.931188	-1.0739	0.432515	1.09094	1.09094	0.000346448	1.86903	1.86903	0.036659	1.30189	1.30189	0.429377	1.09161	1.09161	0.99378	1.00085	1.00085	0.101858	1.2148	1.2148	10.561	1.97489	0.166221	1
cg16225168	MEF2C;MEF2C	0.018181	0.225305	0.528238	-1.89309	0.0532979	3.00487	3.00487	0.0799072	2.64813	2.64813	0.00210779	0.114526	-8.73167	0.0934155	0.396627	-2.52126	0.485276	1.42672	1.42672	0.332695	0.606045	-1.65004	0.047239	0.320527	-3.11986	0.626635	0.782167	-1.2785	4.85874	19.3269	3.53577	1
cg24831051	MEF2C;MEF2C	0.0220397	0.0329618	8.18458	8.18458	0.197108	3.1562	3.1562	0.0966234	4.65273	4.65273	0.0421598	7.19373	7.19373	0.012593	13.6692	13.6692	0.107625	4.39311	4.39311	0.00274495	32.5863	32.5863	0.0282586	8.87504	8.87504	0.0113042	14.4979	14.4979	4.55112	51.2114	10.0022	1
cg02761345	MEF2C;MEF2C	0.0342827	0.0963435	0.803222	-1.24499	0.0571626	0.772395	-1.29467	0.631266	0.943617	-1.05975	0.898519	1.01543	1.01543	0.607772	1.0641	1.0641	0.877792	0.981702	-1.01864	0.879246	0.98192	-1.01841	0.00146005	1.73604	1.73604	0.913635	1.01311	1.01311	3.89618	0.888779	0.202769	1
cg06040811	MEF2C;MEF2C	0.04485	0.0358052	4.54661	4.54661	0.0387654	4.40945	4.40945	0.0867253	3.2317	3.2317	0.0736594	3.44299	3.44299	0.0818536	3.30511	3.30511	0.0923944	3.153	3.153	0.00496771	10.0324	10.0324	0.0618758	3.68276	3.68276	0.0316751	4.767	4.767	3.52994	21.4906	5.41165	1
cg21877565	MEF2D	4.16E-05	0.0405084	0.593459	-1.68504	6.29E-05	5.08026	5.08026	0.00821768	2.10794	2.10794	0.0153548	1.92747	1.92747	0.00474333	2.28696	2.28696	0.000169556	4.09871	4.09871	0.00258933	0.398194	-2.51134	5.66E-06	9.55181	9.55181	0.157869	1.3952	1.3952	27.9411	21.5263	0.684814	1
cg14087168	MEF2D	0.00021102	0.180404	1.5806	1.5806	0.000956881	4.87298	4.87298	0.000484846	5.81593	5.81593	0.0406219	2.14014	2.14014	0.878468	0.951944	-1.05048	0.721457	1.12212	1.12212	0.0221714	2.41722	2.41722	4.23E-06	30.6432	30.6432	0.0364131	2.18749	2.18749	18.1058	29.704	1.4583	1
cg15070096	MEF2D	0.000212176	0.39735	1.10257	1.10257	0.0323146	1.32631	1.32631	0.0721811	1.2537	1.2537	0.00557278	1.50715	1.50715	0.00556499	1.50731	1.50731	0.0137191	1.40967	1.40967	3.69E-05	0.408837	-2.44596	0.000773582	0.563631	-1.77421	0.119807	1.20944	1.20944	18.0789	3.63489	0.178717	1
cg08123045	MEF2D	0.000961185	0.0577322	2.29093	2.29093	8.07E-05	15.6206	15.6206	0.000447411	8.49371	8.49371	0.0676833	2.20503	2.20503	0.233033	0.616875	-1.62107	0.00518209	4.16045	4.16045	0.633027	1.20422	1.20422	0.00229413	5.18946	5.18946	0.0408296	2.48946	2.48946	11.8993	28.1266	2.10109	1
cg06759845	MEF2D	0.00152337	0.542634	1.14736	1.14736	0.0233664	1.82997	1.82997	0.0484664	1.6534	1.6534	0.910022	1.02554	1.02554	0.0217945	1.84795	1.84795	0.0278407	1.78568	1.78568	0.935836	1.01812	1.01812	1.94E-05	6.91348	6.91348	0.150088	1.41076	1.41076	10.433	8.22041	0.700374	1
cg11739633	MEF2D	0.00466375	0.00319584	0.308524	-3.24124	0.4326	0.791389	-1.2636	0.403926	0.779183	-1.28339	0.729671	0.903621	-1.10666	0.093796	0.583717	-1.71316	0.896054	0.962533	-1.03893	0.00699258	0.360925	-2.77066	0.000818137	4.36507	4.36507	0.223669	0.688328	-1.4528	7.4959	10.1326	1.20155	1
cg17787876	MEF2D	0.00934571	0.230715	1.95817	1.95817	0.00167583	11.0389	11.0389	0.00426921	7.7167	7.7167	0.389036	1.6029	1.6029	0.05928	0.320432	-3.12079	0.0408668	3.53092	3.53092	0.423026	1.54866	1.54866	0.00958597	5.77195	5.77195	0.240747	1.9279	1.9279	6.0396	27.3258	4.02173	1
cg26885488	MEF2D	0.020044	0.935438	0.966389	-1.03478	0.00401601	5.10997	5.10997	0.00754395	4.26619	4.26619	0.0672831	2.37577	2.37577	0.943127	1.03057	1.03057	0.290203	1.5892	1.5892	0.947982	0.972842	-1.02792	0.00360098	5.27645	5.27645	0.256146	1.64907	1.64907	4.70105	13.259	2.50705	1
cg03965682	MEF2D	0.0205303	0.963022	1.01033	1.01033	0.0904297	1.51212	1.51212	0.0294543	1.76534	1.76534	0.400528	1.21013	1.21013	0.664774	1.10146	1.10146	0.00149365	0.362435	-2.75912	0.270256	0.775358	-1.28973	0.572189	1.13486	1.13486	0.171496	1.3808	1.3808	4.66286	3.62783	0.691579	1
cg04298847	MEF2D	0.0263481	0.121405	1.4745	1.4745	0.00207565	2.72498	2.72498	0.0298499	1.80585	1.80585	0.113671	1.48886	1.48886	0.159876	0.706619	-1.41519	0.671194	0.905977	-1.10378	0.846694	0.956228	-1.04578	0.36547	1.23988	1.23988	0.236734	0.750763	-1.33198	4.27814	3.62305	0.752778	1
cg25271672	MEF2D	0.0272313	0.100195	0.829438	-1.20564	0.11535	1.19452	1.19452	0.285191	1.12216	1.12216	0.354056	0.905745	-1.10406	0.986687	1.00173	1.00173	0.03218	0.77066	-1.29759	0.0111521	0.718711	-1.39138	0.00724242	0.69785	-1.43297	0.988765	1.00146	1.00146	4.22898	0.722041	0.151766	1
cg10128479	MEF2D	0.0334249	0.626214	1.22734	1.22734	0.063253	2.3912	2.3912	0.0465459	2.5891	2.5891	0.730083	1.15551	1.15551	0.0827596	0.448518	-2.22957	0.859145	0.928549	-1.07695	0.374135	0.683368	-1.46334	0.00257723	5.71881	5.71881	0.330652	1.52031	1.52031	3.93193	10.8458	2.4519	1
cg18879793	MEF2D	0.0336499	0.256947	1.31901	1.31901	0.00148748	2.92209	2.92209	0.0068331	2.2703	2.2703	0.615084	1.12597	1.12597	0.496996	1.17513	1.17513	0.284284	1.29732	1.29732	0.477523	1.18412	1.18412	0.0467931	1.70347	1.70347	0.388776	1.22961	1.22961	3.92244	3.40203	0.770955	1
cg26121730	MEF2D	0.0395021	0.272456	0.717807	-1.39313	0.194584	1.48928	1.48928	0.582664	1.17478	1.17478	0.424031	0.788995	-1.26744	0.618248	0.864308	-1.157	0.555702	1.18886	1.18886	0.206783	0.679446	-1.47179	0.00129933	3.89518	3.89518	0.42575	1.26628	1.26628	3.70016	4.93737	1.18611	1
cg19720805	MEF2D	0.0462174	0.433646	0.883631	-1.13169	0.685438	0.938891	-1.06509	0.217189	1.22268	1.22268	0.44279	0.88588	-1.12882	0.0104553	0.607083	-1.64722	0.0598935	0.719841	-1.3892	0.188963	0.806139	-1.24048	0.0216904	1.53232	1.53232	0.764432	1.04764	1.04764	3.4904	1.32547	0.337554	1
cg22487204	MEF2D	0.0467279	0.0903991	0.623809	-1.60305	0.838136	1.05309	1.05309	0.645634	0.889493	-1.12424	0.857642	0.955604	-1.04646	0.00238265	0.342643	-2.91849	0.111369	0.644937	-1.55054	0.0138028	0.46313	-2.15922	0.975726	0.992334	-1.00772	0.383999	0.79791	-1.25327	3.47601	3.52143	0.900505	1
cg03689552	MEFV	7.41E-06	0.000672081	0.51447	-1.94375	5.70E-05	0.384993	-2.59745	9.26E-07	0.190483	-5.24981	0.00465155	0.618214	-1.61756	2.63E-05	0.34553	-2.8941	2.28E-06	0.229	-4.36682	0.161615	0.826157	-1.21042	0.472457	0.910854	-1.09787	5.43E-05	0.38246	-2.61466	43.8425	11.335	0.229813	1
cg11660537	MEFV	0.00156646	0.0697964	0.635975	-1.57239	0.000353185	0.277753	-3.60032	0.30449	0.788704	-1.2679	0.102872	1.4893	1.4893	0.228237	0.754058	-1.32616	0.0816011	0.649979	-1.53851	0.00016955	0.23987	-4.16893	0.0934162	1.50965	1.50965	0.951555	0.98653	-1.01365	10.3495	8.16651	0.701399	1
cg21514871	MEFV	0.00361076	0.00910583	0.388774	-2.57219	0.000957982	0.245923	-4.06632	0.0103601	0.398245	-2.51102	0.135474	0.632058	-1.58213	0.00111777	0.254474	-3.92967	0.0211845	0.453805	-2.20359	0.00176855	0.28093	-3.55961	0.0174574	0.438231	-2.2819	0.400051	0.78222	-1.27841	8.09789	10.4264	1.14448	1
cg08781710	MEFV	0.00997751	0.00792323	0.127027	-7.87233	0.00475453	0.103137	-9.6958	0.0589486	0.274626	-3.64132	0.809088	0.863582	-1.15797	0.00463787	0.102078	-9.79639	0.0112502	0.145999	-6.84935	0.00580915	0.112016	-8.92729	0.0272241	0.205233	-4.87251	0.0440931	0.246199	-4.06175	5.91488	34.3952	5.16891	1
cg05554494	MEFV	0.0163772	0.991484	1.00294	1.00294	0.012225	2.35865	2.35865	0.978803	0.992724	-1.00733	0.269113	0.728796	-1.37213	0.00955706	0.405718	-2.46477	0.057591	1.80443	1.80443	0.0181518	0.454499	-2.20023	0.45503	1.23264	1.23264	0.0862963	0.593979	-1.68356	5.03181	6.02148	1.06372	1
cg08260052	MEFV	0.0238684	0.00611703	4.29842	4.29842	0.00798314	3.99812	3.99812	0.621557	0.81644	-1.22483	0.888182	0.944274	-1.05901	0.0846043	0.45959	-2.17585	0.0952028	0.473688	-2.11109	0.243025	0.607795	-1.64529	0.554882	0.783942	-1.2756	0.579665	1.25611	1.25611	4.42782	11.6488	2.33852	1
cg05388963	MEFV	0.0262308	0.654589	1.23985	1.23985	0.178293	1.97941	1.97941	0.00293048	0.14213	-7.03582	0.0105917	0.215511	-4.64013	0.257261	0.568668	-1.7585	0.127234	0.455025	-2.19768	0.592682	1.29408	1.29408	0.471974	1.41806	1.41806	0.146635	0.475311	-2.10389	4.28482	15.4675	3.20874	1
cg00599219	MEFV	0.0367552	0.0307117	0.152559	-6.55485	0.611467	1.46154	1.46154	0.388661	0.519722	-1.92411	0.185499	0.353442	-2.82932	0.0232685	0.13413	-7.45548	0.137616	0.305912	-3.26891	0.00245282	0.0440865	-22.6827	0.102936	0.266709	-3.7494	0.0757598	0.23127	-4.32395	3.79904	33.0173	7.72531	1
cg04304932	MEG3;MEG3;MEG3	6.55E-11	0.667307	1.0192	1.0192	3.75E-09	0.315627	-3.1683	1.04E-06	1.75445	1.75445	6.67E-07	1.81404	1.81404	2.91E-09	0.304035	-3.28909	1.28E-05	0.668097	-1.49679	4.18E-12	15.0057	15.0057	1.76E-09	3.55649	3.55649	0.297005	0.953568	-1.04869	830.503	25.4334	0.0272214	1
cg10943497	MEG3;MEG3;MEG3	2.49E-09	0.0908789	0.893858	-1.11875	2.94E-08	3.37872	3.37872	1.55E-07	2.676	2.676	5.95E-07	2.28868	2.28868	1.85E-08	0.275037	-3.63588	8.98E-07	2.19249	2.19249	7.90E-10	6.83829	6.83829	1.04E-08	4.01083	4.01083	5.00E-06	1.87133	1.87133	333.492	19.1693	0.0510939	1
cg14119337	MEG3;MEG3;MEG3	1.46E-08	0.314862	1.07993	1.07993	5.09E-08	0.248034	-4.03171	4.02E-05	1.78659	1.78659	0.00113015	1.4255	1.4255	6.63E-08	0.259758	-3.84974	3.42E-05	0.55247	-1.81005	4.36E-09	6.71205	6.71205	2.55E-06	2.31959	2.31959	0.861096	0.987125	-1.01304	213.758	18.5346	0.077074	1
cg15419911	MEG3;MEG3;MEG3	1.81E-08	0.552628	1.05343	1.05343	3.35E-07	0.277309	-3.60609	0.000394468	1.63077	1.63077	0.00124383	1.50497	1.50497	7.08E-07	0.312092	-3.20418	0.000924807	0.651378	-1.53521	1.66E-09	12.3987	12.3987	2.32E-07	3.83629	3.83629	0.188106	0.886171	-1.12845	202.559	24.0841	0.105688	1
cg15373285	MEG3;MEG3;MEG3	1.85E-08	0.653782	0.962062	-1.03943	3.98E-08	0.189041	-5.28986	0.000376575	1.62733	1.62733	0.000418637	1.6148	1.6148	2.01E-06	0.366035	-2.73198	0.000370025	0.613713	-1.62943	3.29E-09	9.81262	9.81262	3.06E-07	3.60861	3.60861	0.870413	1.01408	1.01408	201.498	23.4209	0.103319	1
cg23176399	MEG3;MEG3;MEG3	1.95E-08	0.625521	1.04437	1.04437	1.10E-08	0.132462	-7.54936	1.94E-05	2.15004	2.15004	0.000463001	1.62626	1.62626	8.35E-07	0.313131	-3.19356	0.00432568	0.71414	-1.40029	1.03E-08	7.67106	7.67106	9.17E-07	3.14917	3.14917	0.932211	1.00754	1.00754	198.799	24.5339	0.109698	1
cg04576764	MEG3;MEG3;MEG3	3.56E-08	0.287572	1.10653	1.10653	8.63E-07	0.300936	-3.32296	0.0016099	1.51384	1.51384	0.00124028	1.54144	1.54144	2.92E-07	0.251217	-3.98063	7.12E-05	0.514852	-1.94231	7.07E-09	9.19885	9.19885	2.90E-07	3.98577	3.98577	0.026801	1.27188	1.27188	170.78	22.733	0.118322	1
cg20952167	MEG3;MEG3;MEG3	4.02E-08	0.227503	0.874407	-1.14363	2.92E-08	0.117389	-8.51872	0.00845396	1.4279	1.4279	0.000196734	1.94071	1.94071	1.40E-06	0.271742	-3.67997	0.0115385	0.715577	-1.39747	1.39E-08	10.5241	10.5241	1.55E-06	3.61829	3.61829	0.304406	1.11927	1.11927	165.681	29.4488	0.157995	1
cg02888166	MEG3;MEG3;MEG3	4.65E-08	0.309907	0.902846	-1.10761	8.88E-05	1.97921	1.97921	8.01E-06	2.58616	2.58616	6.30E-05	2.04741	2.04741	4.30E-06	0.356289	-2.80671	1.20E-06	3.38831	3.38831	1.87E-09	16.2015	16.2015	5.67E-07	3.83974	3.83974	0.023314	1.30169	1.30169	159.633	23.9194	0.133191	1
cg05711886	MEG3;MEG3;MEG3	6.31E-08	0.489835	0.937	-1.06724	1.15E-06	0.310324	-3.22244	0.000307234	1.7222	1.7222	0.00271846	1.46822	1.46822	3.66E-06	0.365892	-2.73305	0.000553118	0.608173	-1.64427	5.26E-09	10.2876	10.2876	1.41E-06	3.12555	3.12555	0.315922	0.908296	-1.10096	147.836	20.1476	0.12114	1
cg25836301	MEG3;MEG3;MEG3	1.27E-07	0.274081	0.899558	-1.11166	1.50E-06	0.321789	-3.10762	0.00582977	1.39905	1.39905	0.00738054	1.37863	1.37863	3.27E-06	0.359361	-2.78272	0.00125203	0.645113	-1.55012	1.81E-08	7.37636	7.37636	9.86E-07	3.31105	3.31105	0.0903389	0.840647	-1.18956	123.902	16.9754	0.121783	1
cg09280976	MEG3;MEG3;MEG3	1.65E-07	0.129975	1.18375	1.18375	1.38E-07	5.53358	5.53358	0.00221996	1.55588	1.55588	0.000443672	1.77152	1.77152	2.85E-05	0.428196	-2.33538	3.58E-06	3.06904	3.06904	1.94E-08	8.99116	8.99116	2.16E-06	3.31474	3.31474	3.05E-05	2.31764	2.31764	115.86	19.5172	0.149738	1
cg22940816	MEG3;MEG3;MEG3	4.51E-07	0.193723	0.881137	-1.1349	9.15E-06	2.41803	2.41803	0.000852311	1.58595	1.58595	0.000119945	1.85658	1.85658	6.10E-05	0.506091	-1.97593	0.00667711	1.38242	1.38242	1.81E-08	7.22882	7.22882	2.49E-06	2.85575	2.85575	0.00385388	1.43094	1.43094	89.8163	12.0455	0.119211	1
cg14070323	MEG3;MEG3;MEG3	4.60E-07	0.841112	0.976164	-1.02442	0.310206	0.881435	-1.13451	4.83E-05	2.50691	2.50691	0.00100855	1.79763	1.79763	2.17E-06	0.247712	-4.03695	0.109821	1.23306	1.23306	2.67E-08	11.6838	11.6838	9.01E-06	3.17576	3.17576	0.477822	0.916918	-1.09061	89.3665	20.4452	0.203359	1
cg15101633	MEG3;MEG3;MEG3	6.38E-07	0.171538	0.862576	-1.15932	1.99E-06	0.303261	-3.29749	0.0335581	1.2868	1.2868	0.0261692	1.30726	1.30726	0.000358895	0.559086	-1.78863	0.00797902	0.707968	-1.41249	4.97E-08	6.81577	6.81577	2.09E-05	2.39008	2.39008	0.193569	0.869609	-1.14994	82.2483	13.4355	0.145202	1
cg14245102	MEG3;MEG3;MEG3	6.62E-07	0.370852	0.864918	-1.15618	2.48E-06	0.164919	-6.06359	0.000164541	2.75808	2.75808	0.0151786	1.60167	1.60167	1.19E-06	0.137438	-7.27602	3.50E-05	0.282888	-3.53497	7.02E-07	8.37066	8.37066	0.000246219	2.60231	2.60231	0.686206	0.93787	-1.06625	81.4603	32.1784	0.351128	1
cg12967319	MEG3;MEG3;MEG3	8.37E-07	0.0932723	0.819619	-1.22008	1.13E-07	0.159972	-6.25108	0.0989649	1.21518	1.21518	0.00879553	1.43255	1.43255	2.12E-06	0.285168	-3.5067	0.0462926	0.781951	-1.27885	0.0684532	0.802703	-1.24579	1.52E-06	3.70745	3.70745	0.682181	1.04536	1.04536	76.7458	14.1096	0.163422	1
cg09926418	MEG3;MEG3;MEG3	1.53E-06	0.240821	1.20564	1.20564	8.08E-06	0.226329	-4.41836	0.0814836	1.3419	1.3419	0.00387181	1.80861	1.80861	2.89E-05	0.28646	-3.49089	0.204965	0.815721	-1.22591	2.08E-07	10.9831	10.9831	1.76E-05	3.81213	3.81213	0.227969	1.21255	1.21255	65.832	24.1831	0.326529	1
cg23870378	MEG3;MEG3;MEG3	1.58E-06	0.443861	0.917085	-1.09041	0.0562842	1.27083	1.27083	0.000270276	1.93918	1.93918	0.000175658	2.02494	2.02494	1.42E-05	0.366702	-2.72701	0.00133178	0.596111	-1.67754	2.34E-07	5.5772	5.5772	9.53E-06	2.88109	2.88109	0.0199238	0.732318	-1.36553	65.2956	12.7136	0.173074	1
cg02982753	MEG3;MEG3;MEG3	1.82E-06	0.484498	0.921543	-1.08514	0.000187113	2.065	2.065	0.00799501	1.47838	1.47838	0.00018885	2.06298	2.06298	1.35E-06	0.241594	-4.13918	0.0119674	0.697251	-1.4342	7.17E-07	4.67903	4.67903	7.18E-05	2.29742	2.29742	0.0129636	0.701402	-1.42572	62.937	13.1848	0.186215	1
cg16738180	MEG3;MEG3;MEG3	2.42E-06	0.00557035	0.667407	-1.49834	1.29E-05	2.76738	2.76738	0.000181709	2.02014	2.02014	0.000133934	2.08537	2.08537	0.00234084	0.623932	-1.60274	2.87E-05	2.49049	2.49049	3.45E-07	5.14358	5.14358	1.15E-05	2.81087	2.81087	0.00327947	1.56047	1.56047	58.5041	11.4269	0.173616	1
cg26374305	MEG3;MEG3;MEG3	2.67E-06	0.317344	1.23929	1.23929	6.00E-06	0.121578	-8.22517	0.000285623	3.41984	3.41984	0.0260234	1.73032	1.73032	4.32E-05	0.199543	-5.01146	0.000286829	0.292636	-3.41721	8.40E-07	15.3062	15.3062	0.00213415	2.44876	2.44876	0.178592	1.3453	1.3453	57.0096	38.8971	0.606481	1
cg24089209	MEG3;MEG3;MEG3	3.03E-06	0.249632	0.838139	-1.19312	1.15E-06	6.37095	6.37095	0.00337706	1.79502	1.79502	0.000507908	2.2191	2.2191	0.000376112	0.434176	-2.30321	9.04E-05	2.79357	2.79357	4.68E-07	8.0083	8.0083	0.000218174	2.47117	2.47117	0.0596107	1.36612	1.36612	55.2346	18.8401	0.303193	1
cg08698721	MEG3;MEG3;MEG3	6.84E-06	0.551236	0.920835	-1.08597	1.09E-05	0.27739	-3.60504	0.0200174	1.46809	1.46809	0.00743515	1.60255	1.60255	0.000643478	0.488498	-2.04709	0.0216927	0.685898	-1.45794	8.68E-07	5.99202	5.99202	0.000603513	2.06178	2.06178	0.537164	0.918071	-1.08924	44.7693	13.2688	0.26345	1
cg16567044	MEG3;MEG3;MEG3	1.24E-05	0.19712	0.79561	-1.2569	1.58E-06	7.61323	7.61323	0.0125617	1.68291	1.68291	0.00384618	1.92169	1.92169	0.00902444	0.573146	-1.74476	0.00125594	2.20311	2.20311	3.38E-06	6.27826	6.27826	0.000121886	3.0799	3.0799	0.0893895	1.36898	1.36898	38.3578	17.082	0.395853	1
cg14123427	MEG3;MEG3;MEG3	2.62E-05	0.798271	1.04041	1.04041	5.38E-05	0.311956	-3.20558	0.727815	1.05553	1.05553	0.0688799	1.37016	1.37016	0.00964336	0.602461	-1.65986	0.192886	0.808027	-1.23758	1.97E-06	6.16363	6.16363	0.0004083	2.38347	2.38347	0.980376	0.996203	-1.00381	31.5475	11.9551	0.336849	1
cg04291079	MEG3;MEG3;MEG3	2.63E-05	0.405384	0.869074	-1.15065	0.0816394	0.727522	-1.37453	0.01011	1.7073	1.7073	0.0126915	1.66629	1.66629	0.00120013	0.457398	-2.18628	0.000793505	0.43366	-2.30595	3.10E-06	6.21394	6.21394	6.87E-05	3.31871	3.31871	0.518977	1.11379	1.11379	31.5314	13.5696	0.382537	1
cg10540302	MEG3;MEG3;MEG3	5.97E-05	0.0148345	0.612659	-1.63223	0.000488005	2.44317	2.44317	0.268821	1.20714	1.20714	0.0167593	1.61159	1.61159	0.000168403	0.351148	-2.8478	0.817778	0.962978	-1.03845	8.37E-06	4.8906	4.8906	0.00173034	2.0762	2.0762	0.872234	0.974034	-1.02666	25.3986	10.7482	0.376163	1
cg19643803	MEG3;MEG3;MEG3	0.000354179	0.0261932	0.685805	-1.45814	4.01E-05	3.07065	3.07065	0.0561325	0.733945	-1.3625	0.843833	0.972192	-1.0286	0.00046926	0.455613	-2.19484	0.0151815	1.53185	1.53185	0.0266644	1.45581	1.45581	0.268171	1.1793	1.1793	0.91325	1.0157	1.0157	15.7179	5.0899	0.287848	1
cg02313552	MEG3;MEG3;MEG3	0.000430882	0.0958806	1.68866	1.68866	0.000432207	4.92728	4.92728	0.542055	1.19341	1.19341	0.0278193	2.1061	2.1061	0.0103431	0.396381	-2.52282	0.0282903	2.09977	2.09977	3.84E-05	9.59454	9.59454	0.00143599	3.74459	3.74459	0.0463874	1.92253	1.92253	14.8914	19.3563	1.1554	1
cg10065153	MEG3;MEG3;MEG3	0.000697082	0.194132	1.20418	1.20418	0.0782044	1.30296	1.30296	0.485457	1.10061	1.10061	0.0256322	1.43129	1.43129	7.83E-05	0.380502	-2.62811	0.197671	1.20222	1.20222	0.000579372	2.05423	2.05423	0.0170731	1.4818	1.4818	0.133529	1.24468	1.24468	13.0262	3.77382	0.25752	1
cg14034270	MEG3;MEG3;MEG3	0.00103682	0.487888	0.816387	-1.22491	0.0240684	2.16962	2.16962	0.00887762	2.60811	2.60811	0.0361476	2.01658	2.01658	0.0112125	0.400627	-2.49609	0.675985	1.12862	1.12862	5.78E-05	8.55274	8.55274	0.00694006	2.7335	2.7335	0.96015	1.01449	1.01449	11.6464	15.2845	1.16655	1
cg27142093	MEG3;MEG3;MEG3	0.0209067	0.0490114	0.631064	-1.58463	0.00237876	2.38138	2.38138	0.458431	0.856721	-1.16724	0.424539	0.846157	-1.18181	0.987977	1.00309	1.00309	0.330895	1.22814	1.22814	0.0604968	1.54274	1.54274	0.966424	0.991415	-1.00866	0.0402631	0.615476	-1.62476	4.63407	3.07925	0.590649	1
cg15503076	MEG3;MEG3;MEG3	0.0214499	0.217579	1.31937	1.31937	0.621369	1.11224	1.11224	0.96533	0.990756	-1.00933	0.00764746	2.08044	2.08044	0.763314	1.06666	1.06666	0.025383	1.76433	1.76433	0.917849	0.978197	-1.02229	0.00150105	2.658	2.658	0.0397856	1.66175	1.66175	4.59363	3.32124	0.642676	1
cg13701991	MEG3;MEG3;MEG3	0.023845	0.806813	1.0711	1.0711	0.0172372	2.25559	2.25559	0.784895	1.07972	1.07972	0.146189	1.54852	1.54852	0.0241229	2.12527	2.12527	0.00546247	2.78558	2.78558	0.255025	0.716667	-1.39535	0.00999893	2.48858	2.48858	0.129488	1.58281	1.58281	4.42932	5.51293	1.10635	1
cg08294662	MEG3;MEG3;MEG3	0.0306735	0.0771578	0.309536	-3.23064	0.0183981	0.181441	-5.51143	0.583615	0.718695	-1.39141	0.5777	0.714888	-1.39882	0.00430655	0.102505	-9.75562	0.0108023	0.147974	-6.75795	0.0765255	0.308588	-3.24057	0.551989	0.698319	-1.43201	0.0206653	0.189578	-5.27487	4.0547	22.8685	5.01333	1
cg16106804	MEG3;MEG3;MEG3	0.0393495	0.145632	1.9008	1.9008	0.912379	0.955759	-1.04629	0.0894071	0.463065	-2.15953	0.974217	1.01337	1.01337	0.0185801	3.23237	3.23237	0.0200321	3.16971	3.16971	0.185158	0.561213	-1.78186	0.030135	2.85268	2.85268	0.440247	1.38204	1.38204	3.70542	9.91727	2.37904	1
cg07460524	MEG3;MEG3;MEG3	0.0423094	0.0518022	3.22496	3.22496	0.0197078	4.43829	4.43829	0.102901	2.57036	2.57036	0.464367	1.48291	1.48291	0.959056	1.02753	1.02753	0.429374	1.53238	1.53238	0.0197263	0.225383	-4.43689	0.852425	0.906169	-1.10355	0.111022	0.399079	-2.50577	3.60749	15.9941	3.94096	1
cg16126137	MEG8	0.000314259	0.154857	1.39721	1.39721	0.000691461	3.11964	3.11964	0.0150241	0.518569	-1.92838	0.738005	0.928904	-1.07654	0.286075	1.27556	1.27556	0.560854	1.1379	1.1379	3.45E-05	0.172091	-5.81087	0.00113037	0.349042	-2.86499	0.357893	0.812445	-1.23085	16.2423	12.415	0.679432	1
cg00869308	MEG8	0.00174798	0.00212741	0.501395	-1.99444	0.00184511	0.493088	-2.02804	0.511494	0.898992	-1.11236	0.22694	0.816396	-1.2249	0.000225179	0.374848	-2.66775	0.126961	1.30208	1.30208	0.0630357	0.715773	-1.39709	0.249939	1.21199	1.21199	0.010086	0.595019	-1.68062	10.0267	4.06074	0.359995	1
cg20963002	MEG8	0.00233491	0.778043	1.07663	1.07663	0.00360352	2.80031	2.80031	0.0186107	2.10739	2.10739	0.269958	1.35006	1.35006	0.00103671	0.280997	-3.55876	0.00621968	0.393778	-2.5395	0.922709	0.974962	-1.02568	0.0805229	1.65947	1.65947	0.0502587	0.558125	-1.79171	9.21519	9.96458	0.961174	1
cg10772372	MEG8	0.00394891	0.608463	0.886915	-1.1275	0.0213682	0.526059	-1.90093	0.168408	0.711131	-1.40621	0.456367	1.19266	1.19266	8.11E-05	0.191787	-5.21411	0.180172	1.39176	1.39176	0.349239	1.25084	1.25084	0.385939	0.813476	-1.22929	0.226767	0.744712	-1.3428	7.88297	6.73506	0.759451	1
cg15811668	MEG8	0.00521992	0.0977432	0.476977	-2.09654	0.0208111	0.321836	-3.10717	0.0386473	0.376842	-2.65363	0.0132572	0.286294	-3.49291	0.152049	0.535127	-1.86872	0.799818	0.901639	-1.10909	0.000303665	0.0914421	-10.9359	0.00194732	0.167705	-5.96286	0.0282394	0.34798	-2.87373	7.24267	19.0461	2.33752	1
cg23196205	MEG8	0.00854214	0.815209	0.942292	-1.06124	0.00581074	0.399632	-2.5023	0.0491409	0.565412	-1.76862	0.121314	0.652802	-1.53186	0.0641756	0.58973	-1.69569	0.0613431	0.585541	-1.70782	0.000222462	0.209987	-4.7622	0.145821	0.672692	-1.48656	0.394991	0.801567	-1.24756	6.2143	6.34439	0.907498	1
cg13804788	MEG8	0.0191186	0.899097	0.978759	-1.0217	0.0214184	0.626379	-1.59648	0.0183022	0.61593	-1.62356	0.00547616	0.53892	-1.85556	0.114727	0.748037	-1.33683	0.841437	1.03448	1.03448	0.145483	1.30282	1.30282	0.0202258	0.622559	-1.60627	0.0403337	0.669755	-1.49308	4.777	2.167	0.403227	1
cg18990667	MEG8	0.0227664	0.0736048	0.662784	-1.50879	0.0360028	1.65364	1.65364	0.0263286	0.580854	-1.7216	0.0119265	0.523596	-1.90987	0.011746	0.522532	-1.91376	0.938345	1.01608	1.01608	0.264344	0.786697	-1.27114	0.869297	1.03454	1.03454	0.102776	0.692046	-1.44499	4.50065	3.03116	0.598661	1
cg18538961	MEG8	0.023451	0.869955	0.94185	-1.06174	0.00658769	3.6329	3.6329	0.35936	1.41141	1.41141	0.686747	0.86223	-1.15978	0.419708	0.739743	-1.35182	0.453364	0.756321	-1.32219	0.00206509	0.204648	-4.88645	0.679577	1.164	1.164	0.667292	1.17131	1.17131	4.45491	9.43274	1.88212	1
cg01808723	MEGF10	0.00503586	0.0154176	0.406103	-2.46243	0.0478785	1.98518	1.98518	0.0594875	1.90567	1.90567	0.991112	0.996629	-1.00338	0.000659234	0.205637	-4.86294	0.52517	0.82268	-1.21554	0.780327	1.08845	1.08845	0.896324	0.96125	-1.04031	0.00588758	0.335396	-2.98155	7.3226	10.6576	1.29373	1
cg23425242	MEGF10	0.00999715	0.0829466	0.694854	-1.43915	0.734798	1.0666	1.0666	0.798725	0.952701	-1.04965	0.624651	1.09802	1.09802	0.00207672	0.439559	-2.27501	0.0108458	1.8343	1.8343	0.00801158	1.9047	1.9047	0.674137	1.0835	1.0835	0.683322	0.925173	-1.08088	5.91116	3.36634	0.506213	1
cg03721362	MEGF10	0.0140478	0.0522922	1.49526	1.49526	0.634766	0.916475	-1.09114	0.676664	0.92641	-1.07944	0.318356	0.828635	-1.2068	0.760389	1.05733	1.05733	0.00341227	0.484207	-2.06523	0.00205338	0.453129	-2.20688	0.228203	1.25926	1.25926	0.603169	0.908836	-1.10031	5.29395	2.7853	0.467671	1
cg08874609	MEGF10	0.0275503	0.315781	1.23221	1.23221	0.372324	1.20249	1.20249	0.145625	0.730121	-1.36964	0.831797	1.04375	1.04375	0.770897	1.06055	1.06055	0.507438	1.14497	1.14497	0.0550212	0.645328	-1.5496	0.00112877	2.62422	2.62422	0.366057	1.20557	1.20557	4.21171	2.70347	0.570571	1
cg04609576	MEGF10	0.0305376	0.917643	0.977288	-1.02324	0.869766	0.964209	-1.03712	0.117915	0.685826	-1.4581	0.255375	1.3018	1.3018	0.682568	1.09563	1.09563	0.738956	1.07711	1.07711	0.424718	0.834371	-1.19851	0.000721012	3.13564	3.13564	0.457144	1.18317	1.18317	4.06111	3.1733	0.694566	1
cg06940792	MEGF10;MEGF10	0.0151695	0.487805	0.826484	-1.20994	0.454895	1.2285	1.2285	0.01345	0.437204	-2.28726	0.170378	0.673844	-1.48402	0.27759	0.736919	-1.357	0.108762	0.623176	-1.60468	0.561666	1.17193	1.17193	0.00132069	3.53663	3.53663	0.574069	1.16596	1.16596	5.16148	5.97541	1.02906	1
cg27372162	MEGF10;MEGF10	0.0469399	0.508184	0.819177	-1.22074	0.139353	1.60432	1.60432	0.29016	0.721661	-1.38569	0.531343	1.20732	1.20732	0.52858	1.20889	1.20889	0.380563	1.30637	1.30637	0.187028	1.51521	1.51521	0.00119607	4.09897	4.09897	0.637202	1.1516	1.1516	3.47009	4.85225	1.24294	1
cg00557308	MEGF11	4.74E-06	0.446169	0.847879	-1.17941	0.000446921	3.24455	3.24455	0.00137991	2.67989	2.67989	3.90E-06	9.81709	9.81709	0.932962	0.98228	-1.01804	0.00134713	2.69029	2.69029	2.32E-06	11.5425	11.5425	5.27E-07	19.4382	19.4382	0.5338	1.1433	1.1433	49.1983	35.1871	0.635742	1
cg19648612	MEGF11	6.96E-05	0.0327906	0.573718	-1.74302	0.010998	2.03354	2.03354	0.604828	1.12316	1.12316	7.13E-05	5.00738	5.00738	0.51092	0.862124	-1.15993	0.0616839	1.59719	1.59719	0.00121457	2.86824	2.86824	3.36E-06	11.4603	11.4603	0.211798	0.746286	-1.33997	24.3873	19.119	0.696864	1
cg06278108	MEGF11	9.54E-05	0.00552972	0.477911	-2.09244	0.0272838	1.69714	1.69714	0.0878959	1.46435	1.46435	0.00358433	2.22282	2.22282	0.81013	1.04995	1.04995	0.0554489	1.55207	1.55207	1.50E-05	6.16005	6.16005	1.79E-05	5.90011	5.90011	0.327653	0.814964	-1.22705	22.4227	14.562	0.577274	1
cg00451642	MEGF11	0.00110906	0.510486	1.22431	1.22431	0.00845513	2.77143	2.77143	0.0524063	0.512339	-1.95183	0.442351	0.788609	-1.26806	0.0390066	2.06343	2.06343	0.0116945	2.59898	2.59898	0.00162513	3.93182	3.93182	0.000298857	0.167968	-5.95352	0.601386	0.852313	-1.17328	11.4256	16.6326	1.29399	1
cg18422268	MEGF11	0.00158939	0.604647	0.754309	-1.32572	0.0278347	4.06891	4.06891	0.0674898	3.02204	3.02204	0.00107262	13.5771	13.5771	0.479942	1.47352	1.47352	0.0146388	5.06658	5.06658	0.00034895	22.2833	22.2833	0.000259961	25.6123	25.6123	0.38601	1.61566	1.61566	10.3062	47.5692	4.10275	1
cg08036894	MEGF11	0.00214288	0.2253	0.826833	-1.20943	0.972882	1.00509	1.00509	0.112321	0.77249	-1.29452	0.0477456	0.713189	-1.40215	0.196351	1.22629	1.22629	0.163076	1.24895	1.24895	5.09E-05	3.10646	3.10646	0.707812	0.945332	-1.05783	0.307853	0.854184	-1.17071	9.44971	3.33678	0.313875	1
cg09552692	MEGF11	0.0026966	0.49994	0.6282	-1.59185	0.142053	2.92023	2.92023	0.0598959	4.22611	4.22611	0.00142919	22.9062	22.9062	0.944799	0.954076	-1.04813	0.0133115	8.02156	8.02156	0.00127635	24.2802	24.2802	0.000359508	48.7182	48.7182	0.498306	1.59476	1.59476	8.83268	64.4807	6.4891	1
cg22689904	MEGF11	0.00704604	0.0353398	0.647678	-1.54398	0.00298392	0.485759	-2.05863	0.906169	1.02112	1.02112	0.745634	0.94394	-1.05939	0.523755	1.12134	1.12134	0.796456	0.95522	-1.04688	0.00123427	2.30997	2.30997	0.0754048	1.42026	1.42026	0.379566	0.852341	-1.17324	6.60161	3.28453	0.442253	1
cg24500441	MEGF11	0.00799394	0.951994	0.944793	-1.05843	0.132396	4.62593	4.62593	0.129674	4.68445	4.68445	0.00296981	46.7971	46.7971	0.485177	0.512201	-1.95236	0.0168332	15.661	15.661	0.00410614	37.7726	37.7726	0.00151857	74.2578	74.2578	0.749584	1.35265	1.35265	6.34566	89.4203	12.5258	1
cg27425169	MEGF11	0.00831969	0.324172	0.698554	-1.43153	0.36562	0.720721	-1.3875	0.179941	1.65162	1.65162	0.642087	1.17929	1.17929	0.000321383	0.128626	-7.77446	0.421848	1.33521	1.33521	0.0168936	2.79216	2.79216	0.597082	1.20677	1.20677	0.487349	0.779879	-1.28225	6.2663	12.3196	1.74757	1
cg06598982	MEGF11	0.0112866	0.240619	1.2512	1.2512	0.0104813	0.555626	-1.79977	0.0341658	0.637065	-1.5697	0.702115	1.07262	1.07262	0.220328	1.265	1.265	0.0474629	0.661257	-1.51227	0.0178507	1.69087	1.69087	0.054264	1.48951	1.48951	0.0410209	0.65042	-1.53747	5.68516	2.99619	0.468461	1
cg10682618	MEGF11	0.0116875	0.0216967	0.62597	-1.59752	0.761555	1.05309	1.05309	0.672705	0.930323	-1.0749	0.341961	0.846679	-1.18108	0.00187053	0.472432	-2.11671	0.761353	1.05314	1.05314	0.449179	0.877141	-1.14007	0.0670476	1.41753	1.41753	0.00336627	0.507643	-1.96989	5.62137	2.57227	0.406745	1
cg23276120	MEGF11	0.0118604	0.769796	0.893899	-1.1187	0.000452411	8.27361	8.27361	0.328278	0.679984	-1.47062	0.53791	0.787892	-1.26921	0.316103	1.48612	1.48612	0.540573	1.26718	1.26718	0.0132481	3.23294	3.23294	0.0389641	2.49305	2.49305	0.827933	0.920166	-1.08676	5.59468	12.9453	2.05677	1
cg05165020	MEGF11	0.0194572	0.291633	0.881241	-1.13476	0.442322	0.913465	-1.09473	0.00780252	1.4838	1.4838	0.00731061	0.670585	-1.49124	0.102764	0.81363	-1.22906	0.468137	1.08903	1.08903	0.319071	0.887833	-1.12634	0.101161	0.812696	-1.23047	0.0884529	1.24255	1.24255	4.74869	1.00397	0.187929	1
cg13755159	MEGF11	0.0240084	0.587893	0.925964	-1.07996	0.183894	0.82021	-1.2192	0.984782	1.00269	1.00269	0.0867778	0.766491	-1.30465	0.397342	0.885289	-1.12957	0.0908393	1.29939	1.29939	0.00212733	1.83483	1.83483	0.0408908	1.39345	1.39345	0.815479	0.967669	-1.03341	4.41886	1.38327	0.278256	1
cg04923779	MEGF11	0.0251178	0.0680808	0.645661	-1.5488	0.221397	1.31682	1.31682	0.13168	0.705796	-1.41684	0.136981	0.70964	-1.40916	0.00290865	0.416383	-2.40164	0.391983	1.20657	1.20657	0.0260562	0.568094	-1.76027	0.248265	0.77226	-1.2949	0.031681	0.58315	-1.71482	4.35012	3.15861	0.64542	1
cg10583322	MEGF11	0.0311105	0.0128089	0.513663	-1.9468	0.0297049	0.576134	-1.73571	0.016145	0.530348	-1.88555	0.292943	1.26504	1.26504	0.213923	0.754286	-1.32576	0.842899	1.04369	1.04369	0.754328	1.06999	1.06999	0.469366	1.17189	1.17189	0.0171712	0.53485	-1.86968	4.03431	2.96683	0.653689	1
cg25858296	MEGF11	0.0381398	0.0443917	1.56608	1.56608	0.455671	0.862766	-1.15906	0.260781	0.796234	-1.25591	0.573828	0.895472	-1.11673	0.00284181	0.450146	-2.2215	0.667355	1.08763	1.08763	0.045312	0.640121	-1.5622	0.589597	1.1116	1.1116	0.485144	0.871266	-1.14776	3.7481	2.24052	0.531356	1
cg03440636	MEGF11	0.0404997	0.00758082	0.357524	-2.79702	0.0212762	0.436467	-2.29112	0.077473	0.555581	-1.79992	0.956535	0.98381	-1.01646	0.285912	0.717558	-1.39362	0.0152274	0.409582	-2.44151	0.74744	1.10159	1.10159	0.496525	0.813219	-1.22968	0.0266432	0.455337	-2.19618	3.66632	5.20773	1.2626	1
cg01889020	MEGF11	0.0426566	0.399701	0.819068	-1.2209	0.124185	0.680164	-1.47023	0.580179	1.13808	1.13808	0.282583	0.772214	-1.29498	0.0106249	0.475325	-2.10382	0.45808	0.839518	-1.19116	0.0102243	2.11605	2.11605	0.4679	0.842827	-1.18648	0.144659	0.695788	-1.43722	3.59656	3.05292	0.75453	1
cg15154191	MEGF6	3.18E-05	0.404304	0.753362	-1.32738	0.0853932	1.87973	1.87973	0.818081	1.07946	1.07946	0.795119	0.917259	-1.0902	4.49E-07	0.00881819	-113.402	0.182645	1.59899	1.59899	0.342719	0.722943	-1.38324	0.705148	0.881471	-1.13447	0.000212743	0.128277	-7.7956	29.991	52.3192	1.55066	1
cg14421582	MEGF6	6.42E-05	0.000172767	0.404446	-2.47252	6.14E-05	0.350182	-2.85566	0.00832046	0.619606	-1.61393	0.302296	0.859286	-1.16376	8.67E-06	0.253709	-3.94153	0.000385785	0.447657	-2.23385	0.225343	1.19807	1.19807	0.249562	1.18623	1.18623	0.000795944	0.487259	-2.0523	24.9114	7.9463	0.28354	1
cg00073244	MEGF6	9.97E-05	0.120388	1.34542	1.34542	0.705622	0.935346	-1.06912	0.0156351	0.593341	-1.68537	0.411118	0.862408	-1.15954	0.000141161	0.314489	-3.17977	0.346477	1.1862	1.1862	3.15E-06	0.142674	-7.00899	0.0930143	1.38469	1.38469	0.0128563	0.580371	-1.72303	22.1612	10.8876	0.436701	1
cg06438312	MEGF6	0.000121079	0.303631	0.87508	-1.14275	0.588322	0.933846	-1.07084	0.371849	0.891515	-1.12169	0.373815	1.12113	1.12113	0.00256684	0.592339	-1.68822	7.06E-05	0.403352	-2.47922	5.41E-06	0.275477	-3.63007	0.985124	1.00234	1.00234	0.000788441	0.529706	-1.88784	21.0345	5.2256	0.220827	1
cg21830313	MEGF6	0.000635198	0.0812411	1.70258	1.70258	0.630158	1.1429	1.1429	0.74958	1.09217	1.09217	0.107383	1.62225	1.62225	2.02E-05	0.0931862	-10.7312	0.0791899	1.7101	1.7101	0.942693	0.980401	-1.01999	0.00203496	0.301943	-3.31189	0.476581	0.81933	-1.22051	13.3694	16.0496	1.06709	1
cg14521408	MEGF6	0.000756965	0.00653433	0.461172	-2.16839	0.009013	0.483237	-2.06938	0.621564	0.896741	-1.11515	0.282729	0.783107	-1.27697	0.0196336	0.539307	-1.85423	0.0173687	0.530206	-1.88606	0.000169975	0.246485	-4.05705	0.00502392	0.443561	-2.25448	5.21E-05	0.190715	-5.24343	12.7284	9.6716	0.675414	1
cg03448635	MEGF6	0.000895072	0.016862	0.636244	-1.57173	0.00440349	0.554544	-1.80328	0.00434719	0.553782	-1.80576	0.949892	1.00979	1.00979	0.324057	0.85389	-1.17111	0.000760785	0.453265	-2.20622	3.75E-05	0.292827	-3.41498	0.619255	0.925252	-1.08079	0.0203474	0.648104	-1.54296	12.1415	4.62521	0.338614	1
cg25279739	MEGF6	0.000915099	0.00291905	0.199445	-5.01392	0.023574	0.344405	-2.90356	0.960973	1.01948	1.01948	0.189732	0.578333	-1.72911	0.00179145	0.173461	-5.76499	0.000679076	0.12906	-7.74835	0.000118197	0.0701994	-14.2451	0.00894243	0.269546	-3.70994	0.00146893	0.163618	-6.1118	12.0658	29.7017	2.18812	1
cg00562088	MEGF6	0.00124361	0.000909276	0.562828	-1.77674	0.524695	0.928029	-1.07755	0.0160928	0.71087	-1.40673	0.202623	0.855683	-1.16866	2.97E-05	0.387612	-2.5799	0.515316	1.07943	1.07943	0.15802	0.839553	-1.19111	0.22209	0.86184	-1.16031	0.038096	0.756887	-1.3212	11.0585	2.35132	0.189001	1
cg26786407	MEGF6	0.0015764	0.01529	0.444039	-2.25206	0.000964669	0.261919	-3.81797	0.00252691	0.318876	-3.13601	0.319362	0.755378	-1.32384	0.00744735	0.390816	-2.55875	0.0470172	0.538092	-1.85842	9.94E-05	0.152145	-6.57266	0.48958	0.825841	-1.21089	0.00944227	0.407862	-2.45181	10.3306	12.1597	1.04627	1
cg21870645	MEGF6	0.00163221	0.824518	0.934239	-1.07039	0.00320967	0.291712	-3.42803	0.00338549	0.295087	-3.38883	0.0880817	0.561853	-1.77983	0.00328032	0.293087	-3.41196	0.0139823	0.394679	-2.53371	0.000108371	0.123731	-8.08202	0.469649	1.25272	1.25272	0.0250185	0.441879	-2.26306	10.2274	15.1967	1.32078	1
cg21811896	MEGF6	0.00222265	0.458733	0.83207	-1.20182	0.020727	0.507339	-1.97107	0.00078483	0.290203	-3.44586	0.69206	1.10186	1.10186	0.0247572	0.521351	-1.91809	0.0626331	0.600186	-1.66615	0.000149272	0.204418	-4.89193	0.410392	0.814542	-1.22768	0.00424691	0.393585	-2.54075	9.34923	8.79177	0.835888	1
cg23686029	MEGF6	0.0022778	0.0223489	0.632637	-1.58069	0.000674437	0.419115	-2.38598	0.00685399	0.556714	-1.79625	0.727464	0.943158	-1.06027	0.000155127	0.338331	-2.95569	0.62862	1.08494	1.08494	0.638786	1.08229	1.08229	0.328282	0.844697	-1.18386	0.314174	0.840208	-1.19018	9.28234	4.11305	0.393871	1
cg04439600	MEGF6	0.00237014	0.000866993	0.247424	-4.04165	0.148942	0.648878	-1.54112	0.0127185	0.420985	-2.37538	0.193885	0.681063	-1.46829	0.0332798	0.498953	-2.0042	0.00350669	0.330705	-3.02384	0.000175685	0.16897	-5.91822	0.828704	0.941249	-1.06242	0.0134313	0.425135	-2.35219	9.17477	11.3458	1.09923	1
cg01792592	MEGF6	0.00291364	0.00267112	0.36888	-2.71091	0.000783928	0.295368	-3.3856	0.000701047	0.289082	-3.45923	0.0129465	0.476733	-2.09761	0.00228983	0.35918	-2.78412	0.110449	0.658536	-1.51852	0.018135	0.502039	-1.99188	0.330332	0.785658	-1.27282	0.10627	0.654681	-1.52746	8.63264	7.88519	0.811925	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17163527	MEGF6	0.00355584	0.0723245	0.400971	-2.49395	0.720213	1.17809	1.17809	0.217037	0.553299	-1.80734	0.0759436	0.406578	-2.45955	0.135075	0.479951	-2.08355
cg01941754	MEGF6	0.00452	0.981932	1.00588	1.00588	0.163473	1.46932	1.46932	0.00362394	0.36109	-2.76939	0.759345	1.08275	1.08275	0.378803	0.791661	-1.26317
cg01215682	MEGF6	0.00470466	0.000461444	0.262903	-3.80369	0.855197	1.04527	1.04527	0.0367961	0.555478	-1.80025	0.523125	0.854823	-1.16983	0.000849348	0.296576	-3.37182
cg04391135	MEGF6	0.00479276	0.00952483	0.303363	-3.29639	0.00463546	0.254601	-3.92772	0.153209	0.573757	-1.7429	0.16551	0.584355	-1.71129	0.117717	0.539508	-1.85354
cg00958381	MEGF6	0.00500479	0.641186	1.1208	1.1208	0.0239657	1.92404	1.92404	0.215192	1.37299	1.37299	0.323094	1.28144	1.28144	0.839149	1.05062	1.05062
cg20826162	MEGF6	0.00638764	0.0173281	0.312796	-3.19697	0.318194	0.661187	-1.51243	0.0395181	0.384865	-2.59832	0.0696134	0.443186	-2.25639	0.000160293	0.0753323	-13.2745
cg02631196	MEGF6	0.00690227	0.0337942	0.705654	-1.41713	0.0022019	0.546769	-1.82893	0.000929818	0.498923	-2.00432	0.139419	0.799533	-1.25073	0.014688	0.655408	-1.52577
cg24544656	MEGF6	0.00721933	0.0472342	0.625391	-1.599	0.280732	1.26086	1.26086	0.000432177	0.316356	-3.161	0.034419	0.600466	-1.66537	0.00242133	0.417648	-2.39436
cg17928651	MEGF6	0.00859378	0.456401	0.836956	-1.19481	0.199577	1.37438	1.37438	0.127867	0.679597	-1.47146	0.435258	0.829619	-1.20537	0.000152882	0.217947	-4.58828
cg13944871	MEGF6	0.00966161	0.479831	0.947384	-1.05554	0.0934483	0.870367	-1.14894	0.0241353	0.816812	-1.22427	0.232489	1.0988	1.0988	0.0432565	0.839491	-1.1912
cg09230667	MEGF6	0.010163	0.00358641	0.322933	-3.09662	0.0657953	0.55343	-1.80691	0.00920874	0.387728	-2.57913	0.954318	0.983717	-1.01655	0.00199659	0.286364	-3.49206
cg25624359	MEGF6	0.0105512	0.0417287	0.49835	-2.00662	0.00324771	0.303947	-3.29005	0.012224	0.396051	-2.52493	0.0153114	0.413421	-2.41884	0.00348513	0.308453	-3.24199
cg03457400	MEGF6	0.0108505	0.0160661	0.546906	-1.82847	0.0167574	0.549921	-1.81844	0.000532523	0.331392	-3.01757	0.0927128	0.6846	-1.46071	0.0257097	0.581213	-1.72054
cg20481720	MEGF6	0.0110049	0.0217056	0.405062	-2.46876	0.016459	0.382437	-2.61481	0.0170955	0.385478	-2.59418	0.15488	0.606972	-1.64752	0.0341817	0.444642	-2.249
cg08425229	MEGF6	0.0113917	0.00541177	0.209029	-4.78403	0.0280595	0.329756	-3.03254	0.00677284	0.222984	-4.48463	0.147472	0.51449	-1.94367	0.00121423	0.131974	-7.57723
cg25361694	MEGF6	0.0124978	0.275503	0.814525	-1.22771	0.751065	0.944071	-1.05924	0.0012381	0.425796	-2.34854	0.677139	0.927075	-1.07866	0.415543	0.860286	-1.1624
cg20451455	MEGF6	0.0136301	0.588894	0.891392	-1.12184	0.0225288	0.562298	-1.77842	0.0803718	0.664515	-1.50486	0.782289	0.943301	-1.06011	0.991221	0.997684	-1.00232
cg24953596	MEGF6	0.0138224	0.98438	0.99041	-1.00968	0.00032185	0.0570087	-17.5412	0.139761	0.45743	-2.18613	0.114391	2.32855	2.32855	0.914084	0.948265	-1.05456
cg02784350	MEGF6	0.0153634	0.381808	0.825786	-1.21097	0.00259832	2.43622	2.43622	0.00345399	2.33345	2.33345	0.857894	1.03899	1.03899	0.846893	1.04212	1.04212
cg26524905	MEGF6	0.0203689	0.261814	0.653855	-1.52939	0.000423874	0.131692	-7.59348	0.180335	0.596561	-1.67627	0.528526	0.793064	-1.26093	0.0198844	0.360349	-2.77509
cg02265922	MEGF6	0.0245546	0.147568	0.511828	-1.95378	0.0225186	0.307943	-3.24736	0.0491262	0.379797	-2.63299	0.629509	0.810968	-1.23309	0.00422197	0.191816	-5.21333
cg21108519	MEGF6	0.0253161	0.298583	0.702432	-1.42362	0.128284	0.58336	-1.71421	0.00374073	0.277108	-3.6087	0.426012	0.766079	-1.30535	0.00336375	0.270434	-3.69776
cg16515815	MEGF6	0.0264333	0.0766394	0.690505	-1.44822	0.00103279	0.400864	-2.49461	0.0170682	0.578787	-1.72775	0.21715	0.783346	-1.27658	0.169692	0.759519	-1.31662
cg02073224	MEGF6	0.0275716	0.161213	0.673794	-1.48413	0.0234103	0.489391	-2.04336	0.00110192	0.280986	-3.55889	0.343258	0.772879	-1.29386	0.0544457	0.56225	-1.77857
cg20974822	MEGF6	0.0294711	0.804064	0.970479	-1.03042	0.0269021	0.729093	-1.37157	0.0251001	0.725285	-1.37877	0.972281	0.99582	-1.0042	0.170035	0.838472	-1.19265
cg01488300	MEGF6	0.0297946	0.236893	0.672413	-1.48718	0.0266643	0.431206	-2.31908	0.058303	0.503964	-1.98427	0.0871799	0.546145	-1.83101	0.467678	0.78925	-1.26703
cg12468315	MEGF6	0.030595	0.341038	0.764409	-1.3082	0.534367	0.841721	-1.18804	0.0145395	0.438571	-2.28013	0.785986	0.928186	-1.07737	0.0477065	0.537955	-1.85889
cg12061019	MEGF6	0.0314491	0.565133	1.20901	1.20901	0.405439	1.32025	1.32025	0.621098	0.849905	-1.1766	0.255757	1.47291	1.47291	0.000711651	0.185853	-5.38059
cg05641278	MEGF6	0.0320739	0.0107918	0.491556	-2.03436	0.526319	0.867293	-1.15301	0.1853	0.732347	-1.36547	0.172374	0.724633	-1.38001	0.0198522	0.536016	-1.86562
cg13572069	MEGF6	0.0341326	0.26133	0.819541	-1.2202	0.921157	0.983321	-1.01696	0.687316	0.933568	-1.07116	0.232841	0.808527	-1.23682	0.0899893	0.727978	-1.37367
cg15895398	MEGF6	0.0346023	0.809447	0.979869	-1.02054	0.523707	0.947055	-1.05591	0.9151	1.00902	1.00902	0.0266611	0.801632	-1.24745	0.0679223	0.841879	-1.18782
cg23667551	MEGF6	0.036666	0.773383	0.974274	-1.02641	0.572306	0.949797	-1.05286	0.693779	0.964909	-1.03637	0.099522	0.849615	-1.177	0.179101	0.879119	-1.1375
cg06791328	MEGF6	0.0374495	0.58285	0.925341	-1.08068	0.0453687	0.725349	-1.37865	0.0216276	0.6799	-1.47081	0.202416	0.828398	-1.20715	0.908766	0.984092	-1.01617
cg17153775	MEGF6	0.0378268	0.148386	1.21987	1.21987	0.261609	0.860636	-1.16193	0.097988	0.792383	-1.26202	0.533018	1.08432	1.08432	0.91864	1.01319	1.01319
cg06775523	MEGF6	0.0406937	0.545875	0.692685	-1.44366	0.00162266	0.0663048	-15.0819	0.00817979	0.130949	-7.63656	0.406389	0.600347	-1.6657	0.280908	0.510038	-1.96064
cg03117540	MEGF6	0.0445697	0.0618136	0.610579	-1.63779	0.215999	0.736817	-1.35719	0.158614	1.42399	1.42399	0.366453	1.24313	1.24313	0.0106705	0.470996	-2.12316
cg22791030	MEGF6	0.0459817	0.168875	0.74162	-1.3484	0.28318	1.2553	1.2553	0.0512205	0.635906	-1.57256	0.0403054	0.616897	-1.62102	0.0112237	0.523177	-1.9114
cg07830126	MEGF6;MIR551A	0.00014712	0.848341	0.974558	-1.02611	0.0045476	0.601234	-1.66325	0.54862	0.921546	-1.08513	0.0269479	1.42285	1.42285	3.86E-06	0.234853	-4.25799
cg06883956	MEGF6;MIR551A	0.000315433	0.00192187	0.362448	-2.75902	0.000204629	0.237381	-4.21263	0.000519423	0.286248	-3.49348	0.0227411	0.532565	-1.8777	9.16E-05	0.198938	-5.02668
cg07720540	MEGF6;MIR551A	0.00191297	0.0808829	0.67772	-1.47554	0.430641	0.850723	-1.17547	0.119819	0.712349	-1.40381	0.246039	1.27612	1.27612	6.77E-05	0.230889	-4.33109
cg24536161	MEGF6;MIR551A	0.00976084	0.251561	0.680771	-1.46892	0.0064586	0.320829	-3.11693	0.219179	0.660464	-1.51409	0.680011	0.875346	-1.14241	0.000221117	0.138752	-7.20711
cg01432902	MEGF6;MIR551A	0.0158361	0.029377	0.733795	-1.36278	0.08335	1.26015	1.26015	0.0382035	0.748428	-1.33613	0.549785	1.07573	1.07573	0.312501	0.88159	-1.13431
cg12427039	MEGF6;MIR551A	0.023301	0.119737	0.635257	-1.57417	0.0111014	0.424933	-2.35331	0.0274421	0.496038	-2.01598	0.595164	0.865762	-1.15505	0.00156924	0.294995	-3.38988
cg16696774	MEGF8	1.64E-05	0.000287332	0.301439	-3.31742	0.233624	1.28789	1.28789	0.00621506	0.485422	-2.06006	0.19067	0.755215	-1.32413	3.93E-06	0.113546	-8.80704
cg09018862	MEGF8	0.000496898	0.00448699	0.488308	-2.04789	0.62307	1.09826	1.09826	0.947912	0.987715	-1.01244	0.503017	0.879331	-1.13723	0.000113051	0.277224	-3.60719
cg22448273	MEGF8	0.00070603	0.0572654	0.841548	-1.18829	0.00733571	1.31947	1.31947	0.00109183	1.47174	1.47174	0.751603	1.0258	1.0258	0.0327184	0.818391	-1.22191
cg13489914	MEGF8	0.00136409	0.116277	1.29149	1.29149	0.565305	0.916575	-1.09102	0.497967	0.902026	-1.10862	0.541449	1.09707	1.09707	0.511356	1.10498	1.10498
cg17779423	MEGF8	0.00209092	0.00421096	0.297616	-3.36004	0.263814	1.44533	1.44533	0.0099806	0.357432	-2.79774	0.690948	1.1347	1.1347	0.000160003	0.130071	-7.68813
cg01775098	MEGF8	0.00774638	0.0914278	0.760247	-1.31536	0.049909	1.39064	1.39064	0.000775495	2.11729	2.11729	0.132678	0.787212	-1.27031	0.532562	0.910994	-1.0977
cg25562059	MEGF8	0.00887545	0.809173	1.09029	1.09029	0.0233535	2.633	2.633	0.294089	0.677858	-1.47524	0.00379013	0.247726	-4.03672	0.0106753	0.317672	-3.1479
cg21449520	MEGF8	0.0105572	0.959898	1.02081	1.02081	0.626277	1.22259	1.22259	0.0274077	0.343506	-2.91115	0.333352	1.50477	1.50477	0.000284684	0.0882807	-11.3275
cg24449014	MEGF8	0.0120525	0.254334	1.25065	1.25065	0.000442433	2.83588	2.83588	0.306212	0.819495	-1.22026	0.860519	1.0336	1.0336	0.356541	1.19506	1.19506
cg09550323	MEGF8	0.0225695	0.691045	0.945135	-1.05805	0.992019	0.998588	-1.00141	0.157852	0.807916	-1.23775	0.400073	0.885437	-1.12939	0.132337	0.795007	-1.25785
cg03240745	MEGF8	0.0282968	0.976288	0.995236	-1.00479	0.80201	1.04119	1.04119	0.0277703	0.658438	-1.51875	0.078672	1.36857	1.36857	0.635249	1.07979	1.07979
cg00330170	MEGF8	0.0433748	0.848431	0.969375	-1.03159	0.25382	1.21376	1.21376	0.0495111	1.43955	1.43955	0.478495	0.889467	-1.12427	0.46175	0.885331	-1.12952
cg10054313	MEGF8;MEGF8	0.000853434	0.231818	0.882332	-1.13336	1.01E-05	2.57398	2.57398	0.145586	1.16881	1.16881	0.24129	1.13026	1.13026	0.214574	0.877719	-1.13932
cg26548653	MEGF8;TMEM145	2.41E-05	0.312922	0.787898	-1.2692	0.76188	1.07187	1.07187	0.000166126	4.3281	4.3281	0.510461	0.858591	-1.1647	0.531131	0.865118	-1.15591
cg00917031	MEGF9	0.000133789	0.00123762	2.46246	2.46246	0.00514781	2.02419	2.02419	0.337168	1.20787	1.20787	0.000215148	3.25111	3.25111	0.380386	1.18736	1.18736
cg14200678	MEGF9	0.00483548	0.524058	0.915631	-1.09214	0.0186531	0.677549	-1.47591	0.217328	0.837621	-1.19386	0.854558	1.02537	1.02537	0.00043955	0.468593	-2.13405
cg22153239	MEI1	0.0017705	0.00257221	2.71232	2.71232	0.000153274	4.70866	4.70866	0.023789	1.90424	1.90424	0.317438	1.2798	1.2798	0.00145427	2.99795	2.99795
cg17471677	MEI1	0.0116487	0.00129224	0.165428	-6.04492	0.391	0.713714	-1.40112	0.00357952	0.220016	-4.54511	0.780365	1.11323	1.11323	0.00610923	0.253267	-3.94841
cg04056504	MEI1	0.0141909	0.0312972	0.363295	-2.75258	0.0747565	0.451352	-2.21557	0.00218693	0.178671	-5.59689	0.951061	0.975701	-1.0249	0.00146939	0.15879	-6.29764
cg25415384	MEI1	0.0277823	0.0681657	0.429673	-2.32735	0.0220543	0.321231	-3.11302	0.01795	0.304394	-3.28521	0.277702	0.626952	-1.59502	0.00574973	0.22378	-4.46867
cg10627301	MEI1	0.0350398	0.0029202	0.40094	-2.49414	0.0528565	0.6115	-1.63532	0.0933774	0.662003	-1.51057	0.758306	0.933342	-1.07142	0.323763	1.25581	1.25581
cg19977021	MEIG1	4.27E-05	0.00474404	0.530067	-1.88655	0.0470433	0.680674	-1.46913	0.0711642	0.710973	-1.40652	0.00182128	0.47239	-2.1169	2.36E-06	0.143099	-6.98817
cg03922645	MEIG1	0.000956248	0.0231242	0.499012	-2.00396	0.267181	0.743887	-1.34429	0.00162731	0.314874	-3.17587	0.0371162	0.538245	-1.85789	0.791852	0.934544	-1.07004
cg19149020	MEIG1	0.00123572	0.022936	0.412572	-2.42382	0.0504282	0.484078	-2.06578	0.223073	0.659312	-1.51673	0.106532	1.77433	1.77433	0.00777406	0.328878	-3.04064
cg00138712	MEIG1	0.00808268	0.501828	1.14373	1.14373	0.0197844	1.74095	1.74095	0.491536	1.14757	1.14757	0.117357	1.39808	1.39808	0.00733759	1.97568	1.97568
cg00143362	MEIG1	0.0100039	0.371398	0.743999	-1.34409	0.035876	0.455392	-2.19591	0.00114316	0.214177	-4.66903	0.0563658	2.00604	2.00604	0.00671102	0.322137	-3.10427
cg18564855	MEIG1	0.0391727	0.198625	1.17016	1.17016	0.0365044	1.32465	1.32465	0.036736	1.32405	1.32405	0.903747	1.01409	1.01409	0.504371	0.924623	-1.08152
cg14677014	MEIG1;MEIG1	0.0358931	0.767201	1.03404	1.03404	0.0180002	0.723229	-1.38269	0.624118	0.945841	-1.05726	0.0672344	0.793555	-1.26015	0.0288126	0.747776	-1.3373
cg10010036	MEIS1	3.11E-06	0.00252132	0.793985	-1.25947	8.01E-05	0.675891	-1.47953	2.83E-07	0.435055	-2.29856	4.44E-06	0.559267	-1.78805	2.59E-05	0.632296	-1.58154
cg06994420	MEIS1	0.000171904	0.189623	1.72623	1.72623	0.00037197	9.37095	9.37095	0.0625609	0.43888	-2.27853	1.85E-05	0.0324485	-30.8181	0.0245174	2.86545	2.86545
cg06833110	MEIS1	0.000175912	0.175102	2.77001	2.77001	0.00174091	23.4365	23.4365	0.000404065	0.0188115	-53.1591	2.85E-05	0.00299417	-333.982	0.0835311	3.8701	3.8701
cg04751149	MEIS1	0.00130876	0.287676	1.84901	1.84901	0.00131201	13.5202	13.5202	0.00149251	0.0780889	-12.8059	0.0006101	0.0528592	-18.9182	0.429662	0.638344	-1.56655
cg14775296	MEIS1	0.00133237	0.259798	2.01962	2.01962	0.00132167	16.337	16.337	0.187366	0.433631	-2.30611	0.000221406	0.025265	-39.5805	0.134717	2.62296	2.62296
cg10464312	MEIS1	0.00140317	0.438582	1.4276	1.4276	0.00158837	7.7097	7.7097	0.151411	0.500264	-1.99894	0.000245096	0.0651854	-15.3409	0.069039	2.50103	2.50103
cg02551743	MEIS1	0.0049965	0.680605	1.27711	1.27711	0.0065067	8.08394	8.08394	0.0420785	0.250545	-3.99131	0.000593611	0.0435535	-22.9603	0.410226	1.64488	1.64488
cg09170232	MEIS1	0.00534617	0.0784059	0.678086	-1.47474	0.0208037	0.575287	-1.73826	0.103873	0.702324	-1.42385	0.661403	1.09152	1.09152	0.000216727	0.293422	-3.40807
cg12082609	MEIS1	0.0068746	0.927087	1.05591	1.05591	0.00317425	10.972	10.972	0.0527007	0.270075	-3.70267	0.000990315	0.054543	-18.3342	0.491703	1.51452	1.51452
cg09550083	MEIS1	0.0120253	0.770614	1.25988	1.25988	0.0069466	15.7964	15.7964	0.18065	0.325227	-3.07477	0.00180928	0.0300388	-33.2902	0.240149	2.64268	2.64268
cg12055515	MEIS1	0.0140708	0.152183	0.538063	-1.85852	0.265125	1.59881	1.59881	0.947189	1.02713	1.02713	0.862196	0.932206	-1.07272	0.000530989	0.113064	-8.84456
cg01863674	MEIS1	0.0153647	0.588541	0.893048	-1.11976	0.9918	1.00213	1.00213	0.0331877	1.67475	1.67475	0.911524	1.02329	1.02329	0.000828594	0.352534	-2.8366
cg09535924	MEIS1	0.0169653	0.84054	0.858671	-1.16459	0.00817409	12.9347	12.9347	0.128709	0.288848	-3.46203	0.00351235	0.0500756	-19.9698	0.727666	1.30267	1.30267
cg01271812	MEIS1	0.0232411	0.781103	0.818542	-1.22168	0.0117872	9.59044	9.59044	0.150695	0.330517	-3.02556	0.00312459	0.0547648	-18.2599	0.852929	1.1427	1.1427
cg09462924	MEIS1	0.0241486	?	?	?	0.210117	0.242679	-4.12068	0.969624	0.959995	-1.04167	0.011767	0.0342721	-29.1783	0.121747	0.165542	-6.04078
cg23972738	MEIS1	0.031006	0.056076	0.287322	-3.48041	0.55852	0.711059	-1.40635	0.437663	1.57825	1.57825	0.155221	0.416176	-2.40283	0.0364918	0.246358	-4.05914
cg04732596	MEIS1	0.0380353	0.964799	0.988543	-1.01159	0.0156085	0.461088	-2.16878	0.0759817	0.597123	-1.6747	0.197135	0.70045	-1.42765	0.0389115	0.535646	-1.8669
cg15978039	MEIS1	0.0436163	0.0763656	0.449999	-2.22223	0.315563	1.5224	1.5224	0.190636	1.75292	1.75292	0.25824	0.620154	-1.6125	0.310635	0.653845	-1.52942
cg01721544	MEIS1	0.04985	0.221313	0.817665	-1.223	0.0546597	1.40678	1.40678	0.0372325	0.684788	-1.46031	0.77687	1.04549	1.04549	0.852175	0.971213	-1.02964
cg09840968	MEIS2	0.0101333	0.0113067	0.521486	-1.9176	0.313358	1.23865	1.23865	0.0204068	1.77459	1.77459	0.0751243	0.665814	-1.50192	0.449281	0.85364	-1.17145
cg16409367	MEIS2	0.0108427	0.050834	0.756198	-1.32241	0.119176	0.808628	-1.23666	0.00229562	1.708	1.708	0.764378	1.03848	1.03848	0.604731	1.06779	1.06779
cg23690033	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.00271425	0.000691028	0.268951	-3.71815	0.941087	1.01892	1.01892	0.980111	0.993699	-1.00634	0.380352	1.25628	1.25628	0.181589	1.4327	1.4327
cg02917381	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.000494365	7.77E-05	0.572667	-1.74622	0.0404385	1.20256	1.20256	0.00401433	1.35156	1.35156	0.00559568	0.753129	-1.32779	0.169987	0.892344	-1.12064
cg27129731	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.00537162	0.00633805	0.604967	-1.65298	0.0724597	1.32768	1.32768	0.817355	1.03325	1.03325	0.920461	1.01422	1.01422	0.900612	0.982487	-1.01783
cg23168264	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0265641	0.132453	0.694888	-1.43908	0.0405009	1.6997	1.6997	0.00184882	0.371196	-2.69399	0.231285	0.754637	-1.32514	0.610328	1.12213	1.12213
cg07062711	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0357076	0.34386	0.884931	-1.13003	0.0263696	0.718812	-1.39118	0.0639402	1.2983	1.2983	0.629553	1.06283	1.06283	0.234148	0.855249	-1.16925
cg21579197	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.000141339	3.49E-05	0.197432	-5.06504	1.24E-05	0.154495	-6.47271	0.000493958	0.330752	-3.02341	0.00704955	0.493403	-2.02674	0.000642189	0.345567	-2.8938
cg05334416	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.000352226	0.290766	1.33611	1.33611	0.374797	1.27222	1.27222	0.00928333	2.3927	2.3927	0.00600397	2.58308	2.58308	0.579892	0.862622	-1.15926
cg11362604	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.000785922	0.0051323	0.525276	-1.90376	1.66E-05	0.213808	-4.67709	0.505596	0.889015	-1.12484	0.270507	0.818886	-1.22117	0.0019027	0.464813	-2.1514
cg22240333	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0019504	0.464745	1.11264	1.11264	0.286985	0.853327	-1.17188	0.00330929	0.563305	-1.77524	0.885897	1.02081	1.02081	0.000993322	0.495728	-2.01724
cg04482825	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.00287141	0.36282	1.22193	1.22193	0.00429135	2.26718	2.26718	0.24576	1.29714	1.29714	0.188855	1.3476	1.3476	0.0322792	1.71135	1.71135
cg09863630	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.00767455	0.0390826	0.238959	-4.18481	0.0462873	0.254498	-3.9293	0.013039	0.157821	-6.33629	0.494815	1.51517	1.51517	0.000886476	0.0505126	-19.797
cg09970590	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0106722	0.00186589	0.197228	-5.07026	0.153253	0.569764	-1.75511	0.00143879	0.183653	-5.44506	0.00826589	0.288731	-3.46344	0.208257	0.613849	-1.62907
cg12877169	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0125536	0.0561604	0.463896	-2.15566	0.126296	0.555778	-1.79928	0.232137	0.64082	-1.5605	0.934008	0.971019	-1.02985	0.00288619	0.233379	-4.28487
cg13181164	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0130122	0.112579	0.560516	-1.78407	0.000664738	0.174416	-5.73341	0.715816	1.13036	1.13036	0.977914	0.990765	-1.00932	0.00229215	0.239626	-4.17317
cg12903574	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.027527	0.417321	0.714419	-1.39974	0.75885	0.882561	-1.13307	0.37565	0.691505	-1.44612	0.0114344	3.61125	3.61125	0.00872072	0.257729	-3.88004
cg01958086	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0279267	0.584157	0.831719	-1.20233	0.001071	0.199655	-5.00864	0.961413	1.01626	1.01626	0.537783	1.2312	1.2312	0.32018	0.710035	-1.40838
cg12790758	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0312931	0.00590224	0.388268	-2.57554	0.307968	0.757932	-1.31938	0.397659	1.25541	1.25541	0.635458	0.882121	-1.13363	0.0106159	0.430015	-2.3255
cg04339553	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0321493	0.0309734	0.281494	-3.55248	0.00507471	0.156605	-6.38548	0.27328	0.565178	-1.76935	0.47135	0.693019	-1.44296	0.0057243	0.163149	-6.12936
cg17850518	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.00627488	0.00179372	0.583253	-1.71452	0.0505139	0.763019	-1.31058	0.00113685	1.78768	1.78768	0.107862	0.80822	-1.23729	0.841004	0.975919	-1.02468
cg12015310	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.00805005	0.00403823	0.28711	-3.48299	0.326089	0.730691	-1.36857	0.160176	1.59493	1.59493	0.772202	0.914456	-1.09355	0.0120207	0.368032	-2.71716
cg24504442	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.00840943	0.945397	0.988684	-1.01145	0.623741	1.08562	1.08562	0.000378267	2.56974	2.56974	0.125899	1.31675	1.31675	0.540498	0.902166	-1.10844
cg11686722	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0322242	0.0260617	1.78975	1.78975	0.231076	1.31903	1.31903	0.607399	1.12101	1.12101	0.170952	1.37898	1.37898	0.123588	0.692372	-1.44431
cg15558904	MEIS3;MEIS3	8.59E-06	0.0377148	0.742678	-1.34648	0.00233686	0.591883	-1.68952	0.0122184	0.68021	-1.47013	0.00334043	0.6108	-1.6372	8.62E-08	0.11364	-8.7997
cg04589660	MEIS3;MEIS3	0.00324478	0.068704	0.566164	-1.76627	0.176519	0.669549	-1.49354	0.0273605	2.07261	2.07261	0.148942	0.64911	-1.54057	0.0267454	0.480571	-2.08086
cg07478208	MEIS3;MEIS3	0.0324414	0.518144	1.13977	1.13977	0.00112346	2.60571	2.60571	0.851913	1.03802	1.03802	0.0517154	1.55603	1.55603	0.669231	1.08961	1.08961
cg15825417	MEIS3P1	0.000588932	0.000877509	2.14492	2.14492	0.0441561	0.749231	-1.3347	0.00145369	1.9803	1.9803	0.000338168	2.54926	2.54926	0.0132597	1.49961	1.49961
cg20638805	MEIS3P1	0.0022656	0.000854616	0.534763	-1.86999	0.00349551	0.609533	-1.6406	0.0018302	0.575096	-1.73884	0.14584	0.822753	-1.21543	0.000879541	0.536282	-1.86469
cg02628260	MEIS3P1	0.00878873	0.488534	0.909504	-1.0995	0.418345	1.11793	1.11793	0.853782	0.975437	-1.02518	0.0529888	1.34506	1.34506	0.936437	1.01081	1.01081
cg13753526	MELK	0.00532004	0.0523027	0.583493	-1.71382	0.00106821	0.307236	-3.25483	0.0208342	0.507156	-1.97178	0.624831	1.12783	1.12783	0.0745033	0.615702	-1.62416

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17163527	0.285136	1.65847	1.65847	0.00023867	0.0625207	-15.9947	0.00105578	0.109995	-9.09135	0.0170416	0.26567	-3.76406	8.13516	26.7535	2.92323	1
cg01941754	0.0793099	0.604111	-1.65533	0.000327313	0.222695	-4.49046	0.529885	0.848188	-1.17898	0.00502699	0.382832	-2.61211	7.56753	8.02351	0.942449	1
cg01215682	0.177322	0.706427	-1.41558	0.00635883	0.422768	-2.36536	0.0979136	0.643978	-1.55285	0.047232	0.576763	-1.73382	7.47602	6.95646	0.827114	1
cg04391135	0.0190553	0.356716	-2.80335	0.000222286	0.107203	-9.32809	0.243578	0.641995	-1.55764	0.00555257	0.266244	-3.75595	7.43393	15.5332	1.85733	1
cg00958381	0.00014925	0.20534	-4.86997	0.733018	0.920173	-1.08675	0.746731	1.08192	1.08192	0.0984509	0.643832	-1.5532	7.33645	6.85968	0.831123	1
cg20826162	0.022659	0.334808	-2.98679	0.0118337	0.283584	-3.52629	0.464074	0.741688	-1.34828	0.297104	0.64825	-1.54261	6.80608	17.3336	2.26381	1
cg02631196	0.133183	1.25592	1.25592	0.0662801	0.748455	-1.33608	0.0990355	0.775398	-1.28966	0.17241	0.815233	-1.22664	6.64417	2.08199	0.278538	1
cg24544656	0.436255	0.84857	-1.17845	0.148313	0.72574	-1.3779	0.421024	0.843712	-1.18524	0.966777	1.00865	1.00865	6.55172	4.43499	0.601707	1
cg17928651	0.503101	0.852607	-1.17287	0.276865	1.30392	1.30392	0.127106	0.678988	-1.47278	0.892426	0.96875	-1.03226	6.20247	5.40855	0.775112	1
cg13944871	0.945229	1.00518	1.00518	0.00251722	1.37122	1.37122	0.815841	1.01771	1.01771	0.00870828	0.777593	-1.28602	5.97597	0.53595	0.0797192	1
cg09230667	0.207027	0.682945	-1.46425	0.00812038	0.378632	-2.64108	0.481033	0.814436	-1.22784	0.0186912	0.441848	-2.26322	5.88012	7.64814	1.15616	1
cg25624359	0.0828862	0.565666	-1.76783	0.00864239	0.370354	-2.70012	0.522654	0.825118	-1.21195	0.0179174	0.425882	-2.34807	5.80985	8.09998	1.23927	1
cg03457400	0.064343	0.65332	-1.53064	0.0125764	0.529596	-1.88823	0.481033	0.86355	-1.15801	0.108948	0.699034	-1.43055	5.75783	3.82562	0.590595	1
cg20481720	0.0110242	0.351446	-2.84539	0.000858599	0.19366	-5.16369	0.189243	0.633766	-1.57787	0.0181407	0.390272	-2.56232	5.7317	9.76277	1.51404	1
cg08425229	0.0372599	0.355652	-2.81173	0.0175514	0.290613	-3.44101	0.357205	0.667056	-1.49913	0.259136	0.60448	-1.65431	5.66817	16.4128	2.57388	1
cg25361694	0.103403	0.724619	-1.38003	0.00491047	1.96202	1.96202	0.266247	1.23304	1.23304	0.792552	0.953453	-1.04882	5.50035	2.84879	0.460382	1
cg20451455	0.458092	1.17258	1.17258	0.000289025	0.287627	-3.47672	0.931301	1.01833	1.01833	0.783677	0.943663	-1.0597	5.34669	3.75975	0.625059	1
cg24953596	0.794797	0.879592	-1.13689	0.706826	0.830284	-1.20441	0.376394	0.639662	-1.56333	0.176652	2.02786	2.02786	5.32216	20.4226	3.41092	1
cg02784350	0.314373	1.24862	1.24862	0.0545998	0.627936	-1.59252	0.398615	0.831581	-1.20253	0.793433	0.945535	-1.0576	5.13981	3.70733	0.641153	1
cg26524905	0.28433	0.66775	-1.49757	0.86699	1.06276	1.06276	0.733327	1.13221	1.13221	0.712026	0.874042	-1.14411	4.67541	9.76265	1.85607	1
cg02265922	0.105587	0.466698	-2.14271	0.129001	0.493068	-2.02812	0.00246967	0.162959	-6.13652	0.208995	0.565054	-1.76974	4.38454	12.9019	2.61563	1
cg21108519	0.0754442	0.522671	-1.91325	0.0153861	0.377219	-2.65098	0.892082	1.0455	1.0455	0.40791	0.757674	-1.31983	4.33822	7.38375	1.51291	1
cg16515815	0.549344	0.892324	-1.12067	0.378616	1.18515	1.18515	0.613421	0.908647	-1.10054	0.86789	1.0318	1.0318	4.27331	2.39335	0.49784	1
cg02073224	0.196792	0.697613	-1.43346	0.0170873	0.464356	-2.15352	0.167423	0.678206	-1.47448	0.264088	0.735528	-1.35957	4.21057	4.64316	0.980214	1
cg20974822	0.0324252	1.35242	1.35242	0.025815	1.37584	1.37584	0.401343	0.901631	-1.1091	0.174631	0.840247	-1.19013	4.1127	0.94658	0.204587	1
cg01488300	0.848354	1.06323	1.06323	0.0103274	2.8146	2.8146	0.0244121	0.423633	-2.36054	0.503614	0.804631	-1.24281	4.09681	6.65514	1.44397	1
cg12468315	0.0162438	0.447158	-2.23635	0.00434939	0.352287	-2.8386	0.632272	1.14112	1.14112	0.0378849	0.51727	-1.93323	4.0584	4.81911	1.0555	1
cg12061019	0.482397	0.792127	-1.26242	0.14844	0.602948	-1.65852	0.594222	0.839034	-1.19185	0.962862	0.984917	-1.01531	4.01875	6.78083	1.49982	1
cg05641278	0.307519	0.791167	-1.26396	0.00310591	0.407752	-2.45247	0.529464	1.15173	1.15173	0.0727582	0.641525	-1.55879	3.99058	3.10804	0.692307	1
cg13572069	0.158096	1.29224	1.29224	0.176893	1.27617	1.27617	0.70036	1.0679	1.0679	0.00157478	0.462456	-2.16237	3.90236	1.78387	0.406334	1
cg15895398	0.934603	1.00693	1.00693	0.171105	1.13052	1.13052	0.0767797	0.847315	-1.1802	0.00250882	0.702321	-1.42385	3.88315	0.435813	0.0997618	1
cg23667551	0.914218	1.00977	1.00977	0.421999	1.07685	1.07685	0.117566	0.857753	-1.16584	0.00184892	1.49034	1.49034	3.8024	0.490735	0.114719	1
cg06791328	0.427589	1.11997	1.11997	0.00594463	1.65402	1.65402	0.419364	0.890991	-1.12235	0.557373	0.920341	-1.08655	3.7732	1.16941	0.27549	1
cg17153775	0.593148	0.933196	-1.07159	0.00311277	1.6794	1.6794	0.333409	1.13645	1.13645	0.0829305	0.781806	-1.27909	3.75941	0.978619	0.231388	1
cg06775523	0.255322	0.489971	-2.04094	0.223014	0.46339	-2.15801	0.172629	0.418141	-2.39154	0.995688	1.00325	1.00325	3.65986	20.9177	5.08039	1
cg03117540	0.43175	0.828441	-1.20709	0.0255182	1.86363	1.86363	0.871082	0.962621	-1.03883	0.769924	0.933522	-1.07121	3.53822	3.08309	0.774549	1
cg22791030	0.544913	1.13308	1.13308	0.350858	1.21628	1.21628	0.0377209	0.611737	-1.63469	0.341387	0.818802	-1.2213	3.49711	2.30299	0.58537	1
cg07830126	0.0828433	1.29504	1.29504	0.0493179	1.35258	1.35258	0.00664775	0.62244	-1.60658	0.0575774	0.748962	-1.33518	19.9609	5.7284	0.255094	1
cg06883956	0.016304	0.507264	-1.97136	0.0038802	0.40706	-2.45664	9.95E-05	0.202717	-4.93299	0.0252229	0.540633	-1.84968	16.2257	13.7239	0.751833	1
cg07720540	0.0222872	0.576665	-1.73411	0.385105	1.19598	1.19598	0.00148701	0.398132	-2.51173	0.351675	0.824784	-1.21244	9.76758	6.24861	0.568648	1
cg24536161	0.408442	0.762298	-1.31182	0.53447	1.22379	1.22379	0.261363	0.686596	-1.45646	0.123306	0.585149	-1.70897	5.95651	9.72156	1.45075	1
cg01432902	0.0584211	1.29428	1.29428	0.00278997	1.6441	1.6441	0.848122	1.0234	1.0234	0.56974	1.07176	1.07176	5.08838	1.1727	0.204859	1
cg12427039	0.596819	1.15429	1.15429	0.490775	0.828512	-1.20698	0.574381	1.16476	1.16476	0.810747	1.0666	1.0666	4.46479	5.10835	1.01702	1
cg16696774	0.000292013	0.302308	-3.30789	1.98E-06	0.0924588	-10.8156	0.928775	1.01828	1.01828	0.000170663	0.273997	-3.64967	35.6455	23.1737	0.577881	1
cg09018862	0.707222	0.931104	-1.07399	2.31E-05	0.201542	-4.96173	0.455837	0.866154	-1.15453	0.300259	0.816208	-1.22518	14.3152	8.11513	0.503901	1
cg22448273	0.00755129	1.31743	1.31743	0.000477377	0.644164	-1.5524	0.155285	0.88517	-1.12973	0.0154929	0.788058	-1.26894	12.9797	1.32251	0.0905694	1
cg13489914	0.00814424	0.60193	-1.66132	6.34E-05	0.331824	-3.01364	0.837368	1.03128	1.03128	0.00132295	0.496577	-2.01379	10.7695	3.8311	0.316209	1
cg17779423	0.00295702	0.2752	-3.63372	0.0577241	0.507344	-1.97105	0.600116	1.18208	1.18208	0.932348	0.973508	-1.02721	9.5177	15.0735	1.40776	1
cg01775098	0.165502	0.804025	-1.24374	0.664357	0.937648	-1.0665	0.0618695	1.36354	1.36354	0.0294371	1.45965	1.45965	6.40871	2.2073	0.306152	1
cg25562059	0.0646546	0.476404	-2.09906	0.0199036	0.366367	-2.72951	0.107873	1.87167	1.87167	0.113465	0.540439	-1.85035	6.13945	12.4124	1.79711	1
cg21449520	0.339891	0.66844	-1.49602	0.0348308	0.365203	-2.7382	0.782032	1.12028	1.12028	0.604408	0.807323	-1.23866	5.80879	15.4287	2.36097	1
cg24449014	0.535372	1.12519	1.12519	0.0200152	0.590114	-1.69459	0.860799	0.967556	-1.03353	0.45986	0.86814	-1.15189	5.56561	3.11248	0.497098	1
cg09550323	0.867626	1.02384	1.02384	0.000791593	2.04664	2.04664	0.336792	0.869458	-1.15014	0.188005	0.821145	-1.21781	4.51413	1.42643	0.280881	1
cg03240745	0.197397	0.803389	-1.24473	0.00191844	2.02539	2.02539	0.60003	1.08872	1.08872	0.501399	1.11586	1.11586	4.17225	1.70561	0.363376	1
cg00330170	0.0406087	0.680901	-1.46864	0.00994364	0.58903	-1.69771	0.113621	1.32293	1.32293	0.45209	1.13262	1.13262	3.57429	1.49596	0.372031	1
cg10054313	0.28969	1.11595	1.11595	0.999609	1.00005	1.00005	0.0992651	1.19768	1.19768	0.068614	1.22566	1.22566	12.3059	1.94221	0.140292	1
cg26548653	0.629997	1.11724	1.11724	0.0807831	0.642587	-1.55621	3.51E-07	28.7976	28.7976	0.170932	1.39512	1.39512	32.265	26.6548	0.734331	1
cg00917031	0.000537788	2.79437	2.79437	0.000176016	3.3673	3.3673	8.54E-06	6.35	6.35	0.293609	1.23112	1.23112	20.4779	11.814	0.512815	1
cg14200678	0.157351	1.22928	1.22928	0.0123177	1.53035	1.53035	0.172619	1.21915	1.21915	0.222313	1.19135	1.19135	7.41386	2.18831	0.262369	1
cg22153239	0.757648	0.928775	-1.07669	0.0219468	1.92743	1.92743	0.00391897	2.52644	2.52644	0.0169413	2.00431	2.00431	9.98953	9.01624	0.802283	1
cg17471677	0.22493	0.61317	-1.63087	0.93884	0.970983	-1.02988	0.0782506	0.47203	-2.11851	0.0544005	0.432759	-2.31076	5.62742	13.1241	2.07304	1
cg04056504	0.14752	0.536417	-1.86422	0.121897	0.510686	-1.95815	0.0675244	0.44002	-2.27262	0.0403341	0.387028	-2.58379	5.27633	13.4232	2.26137	1
cg25415384	0.0766706	0.442907	-2.25781	0.00548448	0.22084	-4.52817	0.082193	0.450946	-2.21756	0.41466	0.708312	-1.41181	4.19931	11.3768	2.40819	1
cg10627301	0.867183	0.963281	-1.03812	0.217211	1.33667	1.33667	0.0531103	0.611907	-1.63424	0.152322	0.709855	-1.40874	3.86554	3.05833	0.703269	1
cg19977021	0.0215355	0.626741	-1.59555	6.80E-06	0.184594	-5.41729	0.00051361	0.399447	-2.50346	0.00156584	0.463487	-2.15756	27.7607	12.5933	0.403234	1
cg03922645	0.085221	0.614436	-1.62751	2.63E-05	0.11901	-8.40262	0.447993	1.21887	1.21887	0.15481	1.4766	1.4766	11.9166	12.364	0.922256	1
cg19149020	0.0262638	0.424147	-2.35767	0.000137035	0.116921	-8.55277	0.000247983	0.139687	-7.15887	0.160615	0.614067	-1.62849	11.0786	18.5757	1.49042	1
cg00138712	0.0286493	1.66296	1.66296	0.00273905	0.442818	-2.25827	0.963158	0.990941	-1.00914	0.0296643	1.65585	1.65585	6.32365	3.88731	0.546422	1
cg00143362	0.283187	0.698185	-1.43229	0.0233211	0.417554	-2.3949	0.436082	0.774134	-1.29177	0.111803	0.572372	-1.74712	5.90988	9.71696	1.4615	1
cg18564855	0.134774	0.829848	-1.20504	0.00898502	0.680922	-1.4686	0.776995	1.03339	1.03339	0.523906	0.928008	-1.07758	3.71156	0.786573	0.188378	1
cg14677014	0.00927291	0.689198	-1.45096	0.0793054	1.2456	1.2456	0.360175	0.89937	-1.11189	0.497643	0.925309	-1.08072	3.83197	0.771419	0.178943	1
cg10010036	0.000373648	0.731244	-1.36753	0.188272	0.926184	-1.0797	0.00216957	1.26703	1.26703	0.0681394	1.11891	1.11891	54.8506	2.62816	0.0425911	1
cg06994420	0.972298	0.986448	-1.01374	0.00107742	6.66733	6.66733	0.419887	0.723373	-1.38241	0.617003	1.21911	1.21911	19.1397	46.8035	2.17366	1
cg06833110	0.633005	1.40477	1.40477	0.00250824	19.4104	19.4104	0.535432	1.558	1.558	0.236332	2.40288	2.40288	19.0208	150.366	7.02699	1
cg04751149	0.534166	1.41985	1.41985	0.0158285	5.18518	5.18518	0.790019	1.16021	1.16021	0.306356	1.80338	1.80338	10.8981	53.5094	4.36442	1
cg14775296	0.332122	1.81902	1.81902	0.00374223	10.389	10.389	0.383248	1.70686	1.70686	0.12117	2.73162	2.73162	10.8424	61.401	5.0338	1
cg10464312	0.470688	1.39187	1.39187	0.00278416	6.40959	6.40959	0.709011	0.844584	-1.18401	0.442023	1.42364	1.42364	10.6826	34.3495	2.85819	1
cg02551743	0.958851	1.03096	1.03096	0.018222	5.44041	5.44041	0.613669	0.7402	-1.35099	0.540199	1.44261	1.44261	7.34016	40.5984	4.91644	1
cg09170232	0.265717	0.794173	-1.25917	0.0613451	1.52024	1.52024	0.296935	1.23971	1.23971	0.712	1.07646	1.07646	7.18985	4.49598	0.555842	1
cg12082609	0.318434	0.541779	-1.84577	0.107743	2.8384	2.8384	0.261362	0.498474	-2.00612	0.821262	0.874154	-1.14396	6.65249	37.2221	4.97353	1
cg09550083	0.913069	1.09012	1.09012	0.0311988	7.37281	7.37281	0.627101	0.679199	-1.47232	0.50434	1.70807	1.70807	5.56969	55.0756	8.78972	1
cg12055515	0.605599	0.810201	-1.23426	0.0809342	0.457508	-2.18576	0.0417869	2.5809	2.5809	0.791651	0.898545	-1.11291	5.2911	13.6818	2.2985	1
cg01863674	0.510731	1.14817	1.14817	0.0524366	1.57899	1.57899	0.48961	0.864708	-1.15646	0.24707	1.28488	1.28488	5.13966	3.49165	0.60387	1
cg09535924	0.445382	0.555226	-1.80107	0.0744159	4.4969	4.4969	0.117578	0.276497	-3.61668	0.302974	0.446188	-2.24121	4.97288	45.0545	8.05337	1
cg01271812	0.424223	0.556203	-1.7979	0.151308	3.01984	3.01984	0.111586	0.287762	-3.47509	0.831159	0.857723	-1.16588	4.46876	36.5658	7.27337	1
cg09462924	0.0805135	0.125133	-7.9915	0.00404768	0.0159468	-62.7084	0.0161066	0.0425421	-23.5061	0.0297173	0.064355	-15.5388	4.48741	72.6201	16.1831	1
cg23972738	0.0277244	0.223189	-4.48052	0.0107267	0.157542	-6.34753	0.00892033	0.146965	-6.80435	0.0407766	0.256356	-3.90083	4.03915	21.2506	4.67659	1
cg04732596	0.931501	1.0227	1.0227	0.0308841	1.93837	1.93837	0.257068	1.36187	1.36187	0.117047	0.641096	-1.55983	3.75186	4.05151	0.95988	1
cg15978039	0.0990811	0.480786	-2.07993	0.0341477	0.367433	-2.72158	0.0103008	0.269998	-3.70373	0.0427978	0.388933	-2.57114	3.5669	9.2667	2.30931	1
cg01721544	0.604942	1.08514	1.08514	0.00578314	1.76149	1.76149	0.976351	1.00465	1.00465	0.557245	0.911242	-1.0974	3.392	1.31712	0.345157	1
cg09840968	0.153942	0.731047	-1.3679	0.00211664	0.411965	-2.42739	0.0270412	0.584349	-1.71131	0.564467	0.887313	-1.127	5.88563	3.92656	0.593017	1
cg16409367	0.244875	1.16509	1.16509	0.0219777	0.708111	-1.41221	0.0477552	0.752522	-1.32886	0.0949207	1.25925	1.25925	5.75918	1.4391	0.222115	1
cg23690033	0.890491	0.965674	-1.03555	0.000208246	0.207259	-4.82488	0.0868345	0.619091	-1.61527	0.344905	1.27975	1.27975	8.81567	8.97593	0.905048	1
cg02917381	0.0825451	0.860835	-1.16166	0.000657122	0.665776	-1.50201	0.111039	0.873459	-1.14487	0.0786018	0.858783	-1.16444	14.3355	1.37887	0.0854984	1
cg27129731	0.220612	0.833514	-1.19974	0.000193972	0.411929	-2.4276	0.22361	0.834595	-1.19819	0.549213	1.08948	1.08948	7.17939	2.27376	0.281517	1
cg23168264	0.0724266	0.637981	-1.56745	0.218045	0.747886	-1.3371	0.670961	1.10055	1.10055	0.461495	0.845288	-1.18303	4.26593	3.39627	0.707678	1
cg07062711	0.0109229	0.669975	-1.49259	0.0290548	0.724299	-1.38064	0.0883762	0.79001	-1.26581	0.18334	0.837788	-1.19362	3.83919	0.9557	0.221274	1
cg21579197	0.0191283	0.562629	-1.77737	0.796629	0.948966	-1.05378	0.00723487	0.495136	-2.01965	0.0614687	0.652256	-1.53314	20.1776	13.1471	0.579172	1
cg05334416	0.72054	0.909424	-1.0996	0.157644	1.49084	1.49084	5.12E-06	15.4929	15.4929	0.00393932	2.78759	2.78759	15.7418	17.4163	0.983442	1
cg11362604	0.0709422	0.703723	-1.42101	0.00382821	0.507129	-1.97188	0.0245701	0.627284	-1.59417	0.275035	0.820549	-1.2187	12.5948	6.0503	0.427004	1
cg22240333	0.435658	1.12086	1.12086	0.000733796	2.08777	2.08777	0.166014	1.23603	1.23603	0.10989	1.28403	1.28403	9.71266	3.16589	0.289738	1
cg04482825	0.0087833	2.04454	2.04454	0.211358	0.754136	-1.32602	9.19E-05	4.4678	4.4678	0.174458	1.36284	1.36284	8.67007	6.30631	0.646547	1
cg09863630	0.203388	0.447187	-2.2362	0.0118343	0.152011	-6.57845	0.0886483	3.08275	3.08275	0.121621	0.365708	-2.73442	6.42748	36.5764	5.05833	1
cg09970590	0.126768	0.544691	-1.8359	0.155392	0.571657	-1.7493	0.962575	1.01741	1.01741	0.0215137	0.362146	-2.76131	5.78861	12.4044	1.90479	1
cg12877169	0.044125	0.439868	-2.27341	0.00155837	0.198926	-5.02699	0.775949	1.10664	1.10664	0.0117629	0.32712	-3.05698	5.49238	10.97	1.7754	1
cg13181164	0.19054	0.628411	-1.59131	0.165702	0.609296	-1.64124	0.67558	0.868439	-1.15149	0.827328	0.929403	-1.07596	5.42848	9.65655	1.58122	1
cg12903574	0.423032	0.717486	-1.39375	0.626818	0.819723	-1.21992	0.0195142	3.14332	3.14332	0.539552	1.28659	1.28659	4.21297	10.9828	2.31725	1
cg01958086	?	?	?	0.110134	0.559623	-1.78692	0.033639	0.437259	-2.28697	0.791754	1.09223	1.09223	4.2632	6.67019	1.56459	1
cg12790758	0.689106	0.899763	-1.1114	0.913434	1.02897	1.02897	0.0348823	1.9075	1.9075	0.592635	1.1524	1.1524	4.02589	4.39846	0.971149	1
cg04339553	0.160007	0.47174	-2.11981	0.01348	0.216357	-4.622	0.335282	0.608176	-1.64426	0.597774	0.766078	-1.30535	3.98723	15.8175	3.52626	1
cg17850518	0.154887	0.831307	-1.20293	0.523928	0.924613	-1.08153	0.751782	1.03926	1.03926	0.335261	0.886397	-1.12816	6.84373	1.59633	0.207337	1
cg12015310	0.646248	0.867218	-1.15311	0.00218184	0.246667	-4.05406	0.00253661	0.256232	-3.90272	0.580686	0.841916	-1.18777	7.24326	10.6497	1.14356	1
cg24504442	0.135044	0.765142	-1.30695	0.333404	0.847231	-1.18032	0.265586	0.824675	-1.2126	0.0139288	1.65655	1.65655	6.24512	2.73071	0.388671	1
cg11686722	0.506541	0.86196	-1.16015	0.0173892	0.528177	-1.89331	0.0253661	0.556653	-1.79645	0.286249	0.783411	-1.27647	3.98391	3.06542	0.683956	1
cg15558904	0.000139014	0.443749	-2.25352	0.281874	0.871067	-1.14802	0.983751	0.99749	-1.00252	0.000941414	0.543932	-1.83847	42.2007	10.1825	0.214478	1
cg04589660	0.671352	1.12655	1.12655	0.358729	0.768366	-1.30146	9.12E-05	0.141984	-7.04305	0.94869	1.01813	1.01813	8.36076	10.3221	1.09741	1
cg07478208	0.0381152	1.61605	1.61605	0.729186	0.932951	-1.07187	0.843339	0.961259	-1.0403	0.0756833	1.48412	1.48412	3.97433	2.50999	0.561379	1
cg15825417	0.420298	1.09941	1.09941	0.0149053	1.48149	1.48149	0.000242491	2.72833	2.72833	8.87E-05	3.44676	3.44676	33.9366	6.35374	0.104013	1
cg20638805	0.0492613	0.755467	-1.32368	0.295781	0.873311	-1.14507	0.62708	0.94066	-1.06308	0.00141308	0.561377	-1.78133	9.29696	2.29872	0.219782	1
cg02628260	0.200691	1.19984	1.19984	0.000121233	2.47195	2.47195	0.203148	1.19853	1.19853	0.367262	1.13298	1.13298	6.15858	1.77247	0.255826	1
cg13753526	0.877386	1.0384	1.0384	0.00107302	0.307497	-3.25207	0.117426	1.51448	1.51448	0.167236	0.698116	-1.43243	7.20065	6.7944	0.838738	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13810964	MELK	0.00988427	0.557772	0.955707	-1.04635	0.667744	0.967536	-1.03355	0.194969	0.900533	-1.11045	0.0309053	0.823923	-1.21371	0.000438649	0.654105	-1.52881
cg13912011	MELK	0.0159766	0.181946	0.744161	-1.34379	0.404671	0.837083	-1.19463	0.602542	1.11581	1.11581	0.332374	0.811746	-1.23191	0.0413613	0.61218	-1.63351
cg10752516	MEMO1;MEMO1	7.42E-05	0.664563	0.963036	-1.03838	8.73E-05	0.544801	-1.83553	0.00121296	0.664347	-1.50524	0.00254664	0.696658	-1.43542	0.000339701	1.64603	1.64603
cg16143319	MEMO1;MEMO1	0.00692268	0.0168812	1.44876	1.44876	0.00285976	0.593367	-1.6853	0.112134	0.802518	-1.24608	0.00675504	1.56295	1.56295	0.191865	0.838865	-1.19209
cg02727605	MEMO1;MEMO1	0.00858812	0.929442	0.987413	-1.01275	0.874111	1.02294	1.02294	0.00183796	0.531077	-1.88297	0.290084	0.854661	-1.17005	0.0223231	1.47939	1.47939
cg20677521	MEMO1;MEMO1	0.0157375	0.00925005	0.649789	-1.53896	0.785144	0.964964	-1.03631	0.930901	0.988745	-1.01138	0.0649366	0.762995	-1.31062	0.45848	0.906174	-1.10354
cg17678946	MEMO1;MEMO1	0.0184203	0.231757	1.48511	1.48511	0.610577	0.850487	-1.1758	0.719665	1.12035	1.12035	0.226713	0.670171	-1.49216	0.000310162	0.157988	-6.32958
cg14732852	MEN1;MEN1;MEN1;MEN1;MEN1	6.65E-05	0.0845013	1.57839	1.57839	0.00309026	0.379681	-2.63379	0.000156948	0.212877	-4.69755	0.420274	1.21767	1.21767	1.63E-05	0.11974	-8.35145
cg10821722	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MAP4K2;MEN1	0.0169148	0.605302	1.13806	1.13806	0.000258344	4.44435	4.44435	0.0602917	1.69148	1.69148	0.237178	1.35963	1.35963	0.713767	1.0957	1.0957
cg23203302	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	8.72E-06	0.000374667	0.449626	-2.22407	0.00904605	0.627365	-1.59397	0.0551109	0.736694	-1.35742	0.0873595	0.76704	-1.30371	0.000310301	0.43944	-2.27563
cg09343150	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.00457374	0.211682	1.40935	1.40935	0.797945	0.935285	-1.06919	0.697432	0.903127	-1.10726	0.730858	1.09423	1.09423	6.36E-05	0.146819	-6.81113
cg22527280	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.0398021	0.593583	0.904785	-1.10523	0.379683	1.18223	1.18223	0.00301589	2.12832	2.12832	0.700478	0.930717	-1.07444	0.291637	0.816068	-1.22539
cg10149161	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.0207174	0.210187	0.769464	-1.29961	0.415633	1.17954	1.17954	0.421696	0.849684	-1.17691	0.43018	1.17329	1.17329	0.311531	1.23095	1.23095
cg23222197	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.0247259	0.542833	1.10678	1.10678	0.0998496	1.34582	1.34582	0.770982	0.953064	-1.04925	0.231006	1.22991	1.22991	0.783107	1.0465	1.0465
cg02384565	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.000330221	0.151262	1.16642	1.16642	0.00349008	1.48697	1.48697	0.416476	0.92023	-1.08669	0.0535871	0.802974	-1.24537	0.132042	0.849827	-1.17671
cg00976692	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.000500977	0.86964	1.042	1.042	0.100287	0.636963	-1.56995	0.0346867	0.539659	-1.85302	0.755074	1.08155	1.08155	0.00744231	0.421712	-2.37128
cg08471713	MEOX1;MEOX1;MEOX1	9.98E-08	7.66E-08	0.27779	-3.59985	0.00420356	1.31595	1.31595	4.15E-06	0.466078	-2.14556	0.797123	0.98172	-1.01862	4.98E-09	0.163352	-6.12176
cg20309891	MEOX1;MEOX1;MEOX1	0.000760643	0.046567	0.70575	-1.41693	0.0281049	0.672632	-1.4867	0.0035153	0.545957	-1.83165	0.803416	1.03887	1.03887	1.27E-05	0.245689	-4.07019
cg10928294	MEOX1;MEOX1;MEOX1	0.00116584	0.021972	1.6786	1.6786	0.00143178	0.419334	-2.38473	0.00132114	0.414547	-2.41227	0.0104223	0.544496	-1.83656	0.00808965	0.527695	-1.89503
cg12686920	MEOX1;MEOX1;MEOX1	0.00291569	6.07E-05	0.019406	-51.5304	0.00891271	0.170113	-5.87845	0.00798622	0.163682	-6.1094	0.0999515	0.383061	-2.61055	0.00991331	0.176546	-5.66425
cg03252568	MEOX1;MEOX1;MEOX1	0.0132932	0.0729991	1.87848	1.87848	0.869628	0.949529	-1.05315	0.236261	1.47887	1.47887	0.457839	1.26916	1.26916	0.141063	0.607088	-1.64721
cg14286346	MEOX1;MEOX1;MEOX1	0.0159313	0.0601061	0.478416	-2.09023	0.0652059	0.486916	-2.05374	0.197836	0.623006	-1.60512	0.175734	0.60621	-1.64959	0.0104853	0.326318	-3.0645
cg24847636	MEOX1;MEOX1;MEOX1	0.0268425	0.0726985	0.753801	-1.32661	0.485759	0.904857	-1.10515	0.897385	1.01838	1.01838	0.00660967	1.64492	1.64492	0.05887	0.739955	-1.35143
cg11262216	MEOX1;MEOX1;MEOX1	0.0294396	0.649131	0.943012	-1.06043	0.247899	1.16736	1.16736	0.0156732	0.684235	-1.46149	0.0183414	1.44288	1.44288	0.00951103	0.656519	-1.52319
cg00003994	MEOX2	6.93E-07	0.886494	1.02579	1.02579	0.5209	0.890468	-1.123	0.0812197	1.41145	1.41145	0.0176251	1.67325	1.67325	0.230776	0.79922	-1.25122
cg16331920	MEOX2	3.90E-06	0.177	1.40735	1.40735	0.638172	1.1194	1.1194	0.0599048	1.6578	1.6578	0.379462	1.23949	1.23949	0.113963	0.664	-1.50602
cg27096779	MEOX2	5.34E-06	0.0063381	0.343448	-2.91165	0.336323	0.742224	-1.3473	0.0666058	1.85614	1.85614	0.242842	0.69245	-1.44415	0.0514102	0.513298	-1.94819
cg01181350	MEOX2	0.000212522	0.734437	0.905497	-1.10437	0.443511	1.25581	1.25581	0.510638	1.21476	1.21476	0.31309	0.73771	-1.35555	0.814066	1.0711	1.0711
cg13047892	MEOX2	0.00033799	0.896361	0.953359	-1.04892	0.83198	0.925086	-1.08098	0.186931	1.66979	1.66979	0.603662	1.21161	1.21161	0.903735	0.956624	-1.04534
cg18580296	MEOX2	0.000559359	0.405453	0.78786	-1.26926	0.501269	0.82596	-1.21071	0.182699	1.48605	1.48605	0.449719	1.24082	1.24082	0.27087	0.72533	-1.37868
cg17093212	MEOX2	0.00120194	?	?	?	?	?	?	0.112575	0.381981	-2.61793	?	?	?	?	?	?
cg07395354	MEOX2	0.00294169	0.0305204	5.30001	5.30001	0.917143	1.07065	1.07065	0.000941619	25.443	25.443	0.571058	0.686894	-1.45583	0.0106661	8.2153	8.2153
cg06411724	MEOX2	0.00297158	0.743962	1.30426	1.30426	0.752479	0.773809	-1.29231	0.0334911	7.48881	7.48881	0.0681587	5.23538	5.23538	0.0927577	0.223309	-4.4781
cg02908900	MEOX2	0.00495549	0.193098	3.00595	3.00595	0.468094	1.8039	1.8039	0.00366739	23.0886	23.0886	0.938681	1.06341	1.06341	0.376804	0.48446	-2.06415
cg05494014	MEOX2	0.00627531	0.963336	0.975727	-1.02488	0.769189	0.854456	-1.17033	0.0574288	3.15431	3.15431	0.0405262	3.5413	3.5413	0.964435	0.976447	-1.02412
cg26675326	MEOX2	0.00727789	0.909183	1.07062	1.07062	0.207252	2.21523	2.21523	0.239931	2.08731	2.08731	0.635711	0.751733	-1.33026	0.824517	0.87563	-1.14204
cg27638126	MEOX2	0.00808229	0.473545	1.56103	1.56103	0.749372	0.822162	-1.21631	0.358757	1.77985	1.77985	0.0154939	6.13614	6.13614	0.814375	1.15453	1.15453
cg17544952	MEOX2	0.0305292	0.856539	1.13506	1.13506	0.861844	1.12969	1.12969	0.617561	0.702995	-1.42248	0.793477	0.832207	-1.20162	0.690842	0.755894	-1.32294
cg25859468	MEOX2;MEOX2	1.94E-07	0.701713	1.05452	1.05452	0.93236	1.01178	1.01178	0.555168	0.920969	-1.08581	0.201888	1.20429	1.20429	0.052258	0.737462	-1.356
cg06879518	MEOX2;MEOX2	3.37E-05	0.564407	0.853152	-1.17212	0.41594	0.797202	-1.25439	0.0176819	2.19578	2.19578	0.999601	1.00014	1.00014	0.0561704	0.55457	-1.8032
cg02449202	MEP1A	3.36E-05	0.000507785	0.328615	-3.04308	0.0694871	1.51589	1.51589	0.429234	0.847611	-1.17979	9.41E-06	0.141067	-7.08885	9.30E-06	0.140618	-7.11148
cg20980592	MEP1A	0.000504056	0.163149	0.762857	-1.31086	0.0468276	0.661103	-1.51262	0.179467	0.771598	-1.29601	0.000406156	0.35991	-2.77847	5.11E-05	0.25168	-3.9733
cg17568518	MEP1A	0.00354265	0.0995549	0.808084	-1.2375	0.00057025	0.532662	-1.87736	0.0242222	0.728219	-1.37321	0.0309198	0.741471	-1.34867	0.0194251	0.716361	-1.39594
cg16019620	MEP1A	0.0160942	0.00156307	0.0822848	-12.1529	0.835892	0.892271	-1.12074	0.975316	0.983141	-1.01715	0.00760449	0.151647	-6.59427	0.0119197	0.178276	-5.60928
cg01941619	MEP1B	0.000318138	0.556323	0.926251	-1.07962	0.129623	0.809924	-1.23468	0.00238444	0.579739	-1.72491	0.24047	1.17143	1.17143	4.99E-06	0.261976	-3.81714
cg12602653	MEP1B	0.00331548	0.860879	0.966271	-1.03491	0.0483873	0.643298	-1.55449	0.000694698	0.363414	-2.75169	0.401981	0.845546	-1.18267	0.000997998	0.384419	-2.60133
cg00030432	MEPCE	0.0123738	0.00280106	0.176534	-5.66462	0.0067205	0.227654	-4.39263	0.272885	0.61848	-1.61687	0.535839	0.767985	-1.30211	0.00437972	0.201429	-4.96454
cg21181989	MEPCE	0.0258358	0.571712	0.884195	-1.13097	0.635295	0.90222	-1.10838	0.0385684	1.67544	1.67544	0.186241	0.73949	-1.35228	0.00291693	0.414446	-2.41286
cg20040772	MEPCE;ZCWPW1	0.0492636	0.0594869	0.591015	-1.692	0.121588	0.660375	-1.51429	0.114359	0.654032	-1.52898	0.0128769	0.466024	-2.14581	0.208102	0.720265	-1.38838
cg13255629	MEPE	0.00116114	0.0176284	0.694409	-1.44007	0.0334094	1.36884	1.36884	0.0117448	0.67195	-1.48821	0.0792129	0.781816	-1.27907	0.00023867	0.463738	-2.15639
cg06891869	MEPE	0.0230904	0.614085	0.906832	-1.10274	0.155908	0.746767	-1.33911	0.00170289	0.422359	-2.36765	0.0930856	0.700927	-1.42668	0.261619	1.25253	1.25253
cg05679613	MEPE	0.0414529	0.709549	1.08161	1.08161	0.0188838	0.550849	-1.81538	0.00239265	0.41173	-2.42877	0.309342	0.802031	-1.24684	0.475349	1.1644	1.1644
cg18836229	MERTK	0.004748	0.186242	1.21252	1.21252	0.0403657	1.3849	1.3849	0.692682	1.05614	1.05614	0.329792	1.14832	1.14832	0.779859	0.962202	-1.03928
cg08279316	MERTK	0.00644036	0.00591792	0.103392	-9.67195	0.405313	1.71027	1.71027	0.925011	1.06113	1.06113	0.283097	0.495119	-2.01972	0.494663	0.645911	-1.5482
cg07912647	MERTK	0.00727974	0.0796974	0.739454	-1.35235	0.243335	0.827399	-1.20861	0.97294	1.00528	1.00528	0.904338	1.01884	1.01884	0.000137564	0.359454	-2.78199
cg14900246	MERTK	0.00764062	0.598455	1.1941	1.1941	0.103689	1.81119	1.81119	0.00352818	0.267026	-3.74496	0.280442	1.45427	1.45427	0.000655161	0.174947	-5.71601
cg26585007	MERTK	0.0129154	0.00811522	1.89261	1.89261	0.545138	0.891132	-1.12217	0.219159	0.784091	-1.27536	0.483157	0.874467	-1.14355	0.000875165	0.390869	-2.5584
cg06682024	MERTK	0.0284077	0.0744808	0.586493	-1.70505	0.105059	0.621517	-1.60897	0.534	0.844399	-1.18427	0.0222597	0.479169	-2.08695	0.0105809	0.421731	-2.37118
cg10850626	MESDC1	0.0246909	0.349102	0.870321	-1.149	0.0950111	1.30259	1.30259	0.436791	1.1211	1.1211	0.983609	1.00296	1.00296	0.289908	0.853613	-1.17149
cg26851496	MESDC1	0.0359861	0.262555	0.897256	-1.11451	0.103936	0.847885	-1.17941	0.71541	0.966587	-1.03457	0.654467	0.959052	-1.0427	0.00240913	0.675503	-1.48038
cg17718210	MESDC1;MESDC1	0.0289838	0.277789	0.473268	-2.11297	0.792841	0.84074	-1.18943	0.345355	1.90262	1.90262	0.194308	0.40148	-2.49078	0.122227	0.327112	-3.05706
cg17381754	MESDC1;MESDC1	0.0462883	0.137892	0.700018	-1.42854	0.0393885	1.71292	1.71292	0.0847698	1.53319	1.53319	0.0907418	0.65868	-1.51819	0.0465513	0.598148	-1.67183
cg01772192	MESDC2	0.00254941	0.437708	1.30907	1.30907	0.119083	1.77801	1.77801	0.135504	0.578478	-1.72867	0.0243612	2.49132	2.49132	0.00847008	0.31871	-3.13765
cg04738379	MESDC2	0.0355758	0.0290017	0.820051	-1.21944	0.20786	1.10778	1.10778	0.214483	1.10597	1.10597	0.00824299	0.770709	-1.29751	0.319794	0.923818	-1.08246
cg05159949	MESDC2;MESDC2	0.0351515	0.307371	1.4009	1.4009	0.116311	0.580149	-1.72369	0.0254161	0.42847	-2.33388	0.339738	0.73058	-1.36878	0.288798	1.42093	1.42093
cg01294695	MESP1	0.00429205	0.20086	0.711669	-1.40515	0.152925	0.680183	-1.47019	0.358498	1.26837	1.26837	0.688201	1.1069	1.1069	0.00814386	0.42623	-2.34615
cg24249390	MESP1	0.00673164	0.00132547	2.24441	2.24441	0.707469	0.936816	-1.06745	0.124492	1.33372	1.33372	0.221414	1.24924	1.24924	0.00554387	0.53207	-1.87945
cg00637988	MESP1	0.00752295	0.00128721	0.467837	-2.1375	0.00269263	0.51097	-1.95706	0.269797	0.830225	-1.20449	0.208465	0.806783	-1.23949	0.00638643	0.562919	-1.77645
cg14902146	MESP1	0.00850711	0.455187	0.74321	-1.34551	0.0388457	0.393289	-2.54266	0.68711	0.853867	-1.17114	0.796501	1.10609	1.10609	0.435319	1.36417	1.36417
cg06991829	MESP1	0.023683	0.18714	0.741841	-1.348	0.364375	1.22028	1.22028	0.00336357	2.3444	2.3444	0.695847	0.919512	-1.08753	0.742006	0.931874	-1.07311
cg06103331	MESP2	0.000401438	0.449068	1.08796	1.08796	0.0741323	0.804532	-1.24296	0.0124096	0.711693	-1.4051	0.212311	0.866257	-1.15439	1.12E-05	0.360445	-2.77435
cg18107425	MESP2	0.000553374	0.842848	0.97625	-1.02433	0.000431238	1.96273	1.96273	0.253651	0.865577	-1.1553	0.032553	0.73863	-1.35386	0.633736	0.94353	-1.05985
cg10461282	MESP2	0.00174856	0.0122043	1.77546	1.77546	0.023939	1.64092	1.64092	0.0386843	1.55297	1.55297	0.0181982	1.69395	1.69395	0.0117652	1.78321	1.78321
cg21005853	MESP2	0.00581693	0.157874	0.420996	-2.37532	0.00201993	12.1244	12.1244	0.609527	0.744428	-1.34331	0.0636813	0.302865	-3.3018	0.0336595	0.241354	-4.14329
cg18758664	MESP2	0.00660866	0.0280536	1.5418	1.5418	0.435276	1.14205	1.14205	0.354437	1.1723	1.1723	0.176196	1.27118	1.27118	0.0430431	1.47472	1.47472
cg24933758	MESP2	0.0454199	0.760262	0.94752	-1.05539	0.0358919	1.5372	1.5372	0.0285659	0.634426	-1.57623	0.219088	1.25565	1.25565	0.031128	0.640448	-1.56141
cg04029027	MEST	0.00130488	0.0306874	2.12052	2.12052	0.0729174	1.80813	1.80813	0.0964373	1.71673	1.71673	0.0305902	2.12176	2.12176	0.00817927	2.72376	2.72376
cg01888566	MEST	0.00887013	0.0286105	10.1485	10.1485	0.0488685	7.52614	7.52614	0.239845	3.01741	3.01741	0.134812	4.24903	4.24903	0.0259921	10.7105	10.7105
cg15150348	MEST	0.0102439	0.986952	1.00484	1.00484	0.0125407	2.49949	2.49949	0.459042	1.24909	1.24909	0.238363	0.694656	-1.43956	0.0137422	0.407094	-2.45644
cg02490034	MEST	0.0105273	0.0892034	1.73726	1.73726	0.0720842	1.80686	1.80686	0.112216	1.66465	1.66465	0.379086	1.30462	1.30462	0.00756273	2.75261	2.75261
cg20380768	MEST	0.01411	0.450213	1.16106	1.16106	0.797903	0.951416	-1.05106	0.00207655	0.431122	-2.31953	0.220325	0.778708	-1.28418	0.0235697	0.591672	-1.69013
cg07683330	MEST	0.0149406	0.844434	0.959818	-1.04186	0.00050227	0.321165	-3.11366	0.958248	0.989131	-1.01099	0.596012	1.11817	1.11817	0.827999	1.04647	1.04647
cg05373657	MEST	0.0244741	0.0893245	2.38545	2.38545	0.0933172	2.35522	2.35522	0.17748	1.9447	1.9447	0.440916	1.44009	1.44009	0.0252628	3.4369	3.4369
cg08077673	MEST	0.0324745	0.0786773	8.54736	8.54736	0.0281574	17.2565	17.2565	0.136582	5.82432	5.82432	0.103371	7.07932	7.07932	0.0282936	17.1994	17.1994
cg09059945	MEST	0.0492889	0.0440637	23.0868	23.0868	0.0334936	29.0985	29.0985	0.123537	9.61714	9.61714	0.147611	8.23309	8.23309	0.0177592	49.9717	49.9717
cg16511229	MEST;MEST	0.0128102	0.0271246	11.649	11.649	0.0231259	12.7959	12.7959	0.18437	3.74945	3.74945	0.122274	4.81599	4.81599	0.0195485	14.1342	14.1342
cg09872616	MEST;MEST	0.0139335	0.0348694	5.32548	5.32548	0.0203006	6.70606	6.70606	0.29035	2.10932	2.10932	0.152846	2.83299	2.83299	0.0158989	7.45221	7.45221
cg14952237	MEST;MEST;MEST	0.00199559	0.0282507	1.39834	1.39834	0.22298	1.18028	1.18028	0.416129	1.11358	1.11358	0.000224048	0.451654	-2.21409	0.0107122	1.5146	1.5146
cg05260959	MEST;MEST;MEST	0.0085867	0.265774	1.19463	1.19463	0.117579	1.29779	1.29779	0.739884	1.05242	1.05242	0.00067463	0.45056	-2.21946	0.44651	1.12636	1.12636
cg14428359	MEST;MEST;MEST	0.0332845	0.459328	0.824933	-1.21222	0.0805147	0.609472	-1.64077	0.0828194	0.612228	-1.63338	0.364352	0.788121	-1.26884	0.0087969	0.426481	-2.34477
cg04786207	MEST;MEST;MEST;MESTIT1	1.61E-05	0.00186538	1.50479	1.50479	0.753669	0.971273	-1.02958	0.0543034	0.816935	-1.22409	3.55E-07	0.25649	-3.89879	0.00153697	1.52499	1.52499
cg22705386	MEST;MEST;MEST;MESTIT1	1.97E-05	0.791118	0.971826	-1.02899	0.000679914	0.571767	-1.74896	0.00837705	0.695833	-1.43713	4.39E-07	0.214572	-4.66045	0.211551	1.15223	1.15223
cg21667116	MEST;MEST;MEST;MESTIT1	0.000104837	0.173946	1.14703	1.14703	0.0270191	1.28184	1.28184	0.00881961	1.37194	1.37194	5.72E-06	0.379489	-2.63513	0.165337	1.15066	1.15066
cg06212135	MEST;MEST;MEST;MESTIT1	0.00012808	0.0038212	1.59033	1.59033	0.00367685	0.626795	-1.59542	0.0334606	0.744098	-1.34391	3.92E-05	0.392002	-2.55101	0.0179685	1.40781	1.40781
cg21629528	MEST;MEST;MEST;MESTIT1	0.000536543	0.363135	1.09112	1.09112	0.00944905	0.735736	-1.35918	0.00682214	0.72109	-1.38679	5.54E-05	0.496647	-2.0135	0.159505	1.15057	1.15057
cg19386484	MEST;MEST;MEST;MESTIT1	0.000873431	0.0386639	1.31669	1.31669	0.0184251	0.720013	-1.38886	0.0142955	0.706757	-1.41491	6.55E-05	0.430965	-2.32037	0.927059	0.989536	-1.01057
cg00286878	MEST;MEST;MEST;MESTIT1	0.000988314	0.296373	1.1804	1.1804	0.0081866	0.59554	-1.67915	0.0793079	0.742021	-1.34767	0.000172178	0.376236	-2.6579	0.178112	1.24505	1.24505
cg26708559	MEST;MEST;MEST;MESTIT1	0.00108503	0.971065	1.00528	1.00528	0.00188928	0.527299	-1.89646	0.0255577	0.680095	-1.47038	8.69E-05	0.359533	-2.78139	0.707237	1.05636	1.05636
cg07870293	MEST;MEST;MEST;MESTIT1	0.00108839	0.714949	1.02145	1.02145	0.348082	0.945641	-1.05748	0.0429797	0.873938	-1.14425	0.00194158	0.775969	-1.28871	0.420455	0.953497	-1.04877
cg10249538	MEST;MEST;MEST;MESTIT1	0.00281482	0.0594786	1.54049	1.54049	0.0969147	0.690653	-1.44791	0.0174774	0.555659	-1.79967	0.0001108	0.251228	-3.98045	0.576794	1.12134	1.12134
cg17079325	MEST;MEST;MEST;MESTIT1	0.00635025	0.335894	0.87203	-1.14675	0.0131028	0.654026	-1.52899	0.0986093	0.778853	-1.28394	0.0117069	0.647496	-1.54441	0.719265	1.05107	1.05107
cg04678950	MEST;MEST;MEST;MESTIT1	0.0073811	0.145924	1.32202	1.32202	0.236108	1.24858	1.24858	0.309183	1.20708	1.20708	0.000629535	0.390745	-2.55921	0.115063	1.35854	1.35854
cg16823958	MEST;MEST;MEST;MESTIT1	0.00752367	0.107752	1.48452	1.48452	0.0452325	0.596226	-1.67722	0.145461	0.703367	-1.42173	0.000446381	0.287365	-3.4799	0.543291	1.14855	1.14855
cg13104298	MEST;MEST;MEST;MESTIT1	0.0088525	0.0823185	1.47366	1.47366	0.0365387	0.6129	-1.63159	0.184338	0.752995	-1.32803	0.00491868	0.472067	-2.11834	0.47129	1.15909	1.15909
cg07315018	MEST;MEST;MEST;MESTIT1	0.0118966	0.34379	1.16108	1.16108	0.049119	0.70895	-1.41054	0.0694292	0.732696	-1.36482	0.00293636	0.534935	-1.86939	0.87037	1.02533	1.02533
cg23156962	MEST;MEST;MEST;MESTIT1	0.0125093	0.353138	1.14202	1.14202	0.0946948	1.29085	1.29085	0.0666435	1.33089	1.33089	0.000940904	0.503686	-1.98536	0.264343	1.17552	1.17552
cg20050761	MEST;MEST;MEST;MESTIT1	0.0147664	0.879398	0.987157	-1.01301	0.213858	0.894564	-1.11786	0.236629	0.89982	-1.11133	0.00706217	0.743495	-1.345	0.79628	0.978217	-1.02227
cg04344875	MEST;MEST;MEST;MESTIT1	0.0153007	0.481477	0.885566	-1.12922	0.0439382	0.674855	-1.4818	0.0747196	0.713779	-1.40099	0.0101312	0.57641	-1.73488	0.953326	0.990107	-1.00999
cg09080913	MEST;MEST;MEST;MESTIT1	0.0156199	0.165049	1.39756	1.39756	0.0418348	0.588485	-1.69928	0.0841731	0.649302	-1.54011	0.00337283	0.406074	-2.4626	0.531928	1.15385	1.15385
cg18934293	MEST;MEST;MEST;MESTIT1	0.0167413	0.0203092	1.74799	1.74799	0.442098	1.16936	1.16936	0.83173	0.958414	-1.04339	0.000736678	0.359293	-2.78325	0.534718	1.13372	1.13372
cg05556276	MEST;MEST;MEST;MESTIT1	0.0420863	0.45796	1.12548	1.12548	0.0799821	0.737986	-1.35504	0.0915888	0.747857	-1.33715	0.00947782	0.598022	-1.67218	0.582284	1.09077	1.09077
cg13917504	MEST;MEST;MEST;MESTIT1;MEST	0.0052511	0.0582756	1.3671	1.3671	0.050428	0.721936	-1.38516	0.143685	0.794875	-1.25806	0.00170739	0.519705	-1.92417	0.133019	1.26723	1.26723
cg25407198	MEST;MEST;MEST;MESTIT1;MEST	0.00803163	0.331902	1.16998	1.16998	0.17131	0.795793	-1.25661	0.0872129	0.743676	-1.34467	0.000566068	0.432689	-2.31113	0.450072	1.12828	1.12828
cg21200654	MEST;MEST;MESTIT1;MEST	0.00121395	0.87323	0.981437	-1.01891	0.388157	0.901416	-1.10937	0.387896	0.901362	-1.10943	4.55E-05	0.404616	-2.47148	0.849974	1.02247	1.02247
cg13986840	MEST;MEST;MESTIT1;MEST	0.00342897	0.535249	1.12936	1.12936	0.682942	0.923519	-1.08281	0.354129	0.831357	-1.20285	8.47E-05	0.254376	-3.93118	0.11335	1.39628	1.39628
cg03588221	MEST;MEST;MESTIT1;MEST	0.00501604	0.118357	1.24869	1.24869	0.411462	0.895826	-1.11629	0.825767	0.971534	-1.0293	0.000246556	0.452439	-2.21024	0.473141	1.10029	1.10029
cg25519926	MEST;MEST;MESTIT1;MEST	0.00861906	0.364797	1.14093	1.14093	0.100565	0.775173	-1.29003	0.259712	0.846659	-1.18111	0.00119045	0.510333	-1.9595	0.47709	1.10777	1.10777
cg19344806	MEST;MEST;MESTIT1;MEST	0.0110763	0.317484	1.20767	1.20767	0.0378792	0.64428	-1.55212	0.112595	0.729495	-1.37081	0.000670602	0.386664	-2.58622	0.194396	1.28491	1.28491
cg23714917	MEST;MEST;MESTIT1;MEST	0.0111272	0.482204	1.07947	1.07947	0.298746	0.891097	-1.12221	0.295473	0.890348	-1.12316	0.00189908	0.624331	-1.60172	0.28089	0.886933	-1.12748
cg22592140	MEST;MEST;MESTIT1;MEST	0.0173649	0.558772	1.10273	1.10273	0.0775933	0.722932	-1.38326	0.585887	1.09526	1.09526	0.00199107	0.485752	-2.05866	0.641707	1.08059	1.08059
cg01784351	MEST;MEST;MESTIT1;MEST	0.0197743	0.534319	1.13855	1.13855	0.0276743	0.584664	-1.71039	0.0279345	0.585369	-1.70832	0.0016475	0.394965	-2.53187	0.984082	1.00412	1.00412
cg08761490	MEST;MIR335;MEST;MEST	0.0496986	0.0214547	0.292098	-3.42351	0.616661	0.798679	-1.25207	0.0212331	0.291247	-3.43351	0.543635	1.31495	1.31495	0.00650182	0.206932	-4.83251
cg15381410	MESTIT1;MEST	0.0462913	0.620595	1.1045	1.1045	0.0359168	1.62601	1.62601	0.209416	1.30149	1.30149	0.256992	1.26572	1.26572	0.0277635	0.595641	-1.67886
cg10473158	MESTIT1;MEST;MEST	0.000248478	0.00106349	0.208408	-4.79827	6.48E-06	0.0385015	-25.973	0.139571	0.597312	-1.67417	0.0225873	0.412682	-2.42318	0.000223124	0.136479	-7.32711
cg17347253	MESTIT1;MEST;MEST	0.00144976	0.0138901	0.429706	-2.32717	4.93E-05	0.12018	-8.32085	0.0778008	0.580042	-1.72401	0.177639	0.671583	-1.48902	0.00067555	0.235887	-4.23932
cg26275543	MESTIT1;MEST;MEST	0.00182188	0.00708464	0.361869	-2.76343	3.75E-05	0.0989177	-10.1094	0.0791234	0.565825	-1.76733	0.092292	0.582006	-1.7182	0.0016528	0.268331	-3.72674
cg05222671	MESTIT1;MEST;MEST	0.00732073	0.0038385	0.134146	-7.45457	0.000656435	0.0677862	-14.7523	0.32773	0.594047	-1.68337	0.0400628	0.294309	-3.39778	0.00313445	0.12467	-8.02119
cg10767216	MESTIT1;MEST;MEST	0.00803028	0.0161085	0.282811	-3.53593	0.000284086	0.0786385	-12.7164	0.390158	0.685456	-1.45888	0.279834	0.617639	-1.61907	0.00454789	0.197693	-5.05835
cg15068552	MESTIT1;MEST;MEST	0.021516	0.0375798	0.247411	-4.04186	0.00153262	0.0713692	-14.0117	0.0588322	0.290686	-3.44014	0.0833072	0.329577	-3.03419	0.00628539	0.12734	-7.85302
cg12070022	MESTIT1;MEST;MEST	0.0367779	0.0508031	0.243078	-4.1139	0.0056396	0.0993519	-10.0652	0.0496995	0.240981	-4.14971	0.04974	0.241058	-4.14838	0.00771483	0.113533	-8.80803
cg02756856	MESTIT1;MEST;MEST	0.0435517	0.0577331	0.371567	-2.6913	0.00436501	0.172584	-5.79429	0.0543744	0.365238	-2.73794	0.169353	0.508901	-1.96502	0.00833973	0.211082	-4.73749
cg05369791	MESTIT1;MEST;MEST;MEST	0.000682998	0.778689	1.0303	1.0303	0.701281	1.04168	1.04168	0.386339	0.910196	-1.09866	8.82E-06	0.359949	-2.77817	0.607426	0.946572	-1.05644
cg14088957	MESTIT1;MEST;MEST;MEST	0.000724127	0.107622	1.21944	1.21944	0.353946	1.11378	1.11378	0.827427	1.02497	1.02497	2.20E-05	0.381829	-2.61898	0.204544	1.16331	1.16331
cg24941047	MESTIT1;MEST;MEST;MEST	0.00156043	0.031054	0.636504	-1.57108	0.0349476	0.644922	-1.55058	0.385111	0.853063	-1.17225	4.73E-05	0.254469	-3.92975	0.00933001	0.555143	-1.80134

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13810964	0.388987	1.0698	1.0698	0.0413329	0.835397	-1.19704	0.00670834	0.764366	-1.30827	0.0912468	0.867489	-1.15275	5.93265	0.548794	0.0822258	1
cg13912011	0.83806	0.958217	-1.04361	0.000393841	0.308044	-3.24629	0.937086	0.98367	-1.0166	0.164686	1.3623	1.3623	5.07346	3.49537	0.6124	1
cg10752516	0.00148697	0.673273	-1.48528	0.0783015	0.844631	-1.18395	0.00149265	1.48491	1.48491	0.0025216	1.43631	1.43631	23.9779	2.83031	0.104923	1
cg16143319	0.735346	1.04409	1.04409	0.0443511	1.34141	1.34141	0.416425	1.11141	1.11141	0.19297	0.839273	-1.19151	6.63806	1.70046	0.227706	1
cg02727605	0.0316399	0.69741	-1.43388	0.0272821	1.45299	1.45299	0.0853747	1.31261	1.31261	0.149254	0.801559	-1.24757	6.20376	2.01011	0.288013	1
cg20677521	0.0989802	1.26627	1.26627	0.00250359	1.72987	1.72987	0.761572	0.961061	-1.04052	0.161795	0.822851	-1.21529	5.09895	1.37556	0.239798	1
cg17678946	0.984669	0.99396	-1.00608	0.985117	1.0059	1.0059	0.478169	1.25531	1.25531	0.511125	0.810456	-1.23387	4.83739	7.6177	1.39978	1
cg14732852	0.754697	1.07785	1.07785	1.46E-05	0.115942	-8.62498	0.0456548	0.57806	-1.72993	0.00365103	0.390479	-2.56096	24.6885	22.3681	0.805345	1
cg10821722	0.837753	1.05218	1.05218	0.127194	1.5056	1.5056	0.683934	0.90345	-1.10687	0.199448	1.39977	1.39977	4.97784	4.85152	0.866332	1
cg23203302	0.000700847	0.483738	-2.06723	1.02E-07	0.0885677	-11.2908	0.000116749	0.387317	-2.58186	0.00939796	0.629576	-1.58837	42.0412	13.1479	0.27799	1
cg09343150	0.0609322	0.576458	-1.73473	0.785911	0.931458	-1.07359	0.127788	0.650899	-1.53634	0.941458	0.981028	-1.01934	7.54042	8.12232	0.957484	1
cg22527280	0.470087	0.872402	-1.14626	0.0305506	0.623697	-1.60334	0.36068	1.19072	1.19072	0.258442	1.24487	1.24487	3.68987	2.0165	0.485774	1
cg10149161	0.244711	0.785443	-1.27317	0.000482278	0.337396	-2.96388	0.134509	0.725976	-1.37746	0.699874	0.926007	-1.07991	4.64847	2.89962	0.55447	1
cg23222197	0.738744	0.946364	-1.05668	0.00277023	0.506788	-1.97321	0.126406	1.31302	1.31302	0.0153652	1.63225	1.63225	4.37396	1.87913	0.381883	1
cg02384565	0.0738972	0.819209	-1.22069	9.54E-06	0.38475	-2.59909	0.0717498	1.22294	1.22294	0.578493	1.05779	1.05779	16.0231	2.54301	0.141074	1
cg00976692	0.907198	1.02964	1.02964	0.715287	0.912315	-1.09611	5.86E-06	0.0780022	-12.8202	0.0354116	0.541402	-1.84706	14.2828	14.1952	0.883438	1
cg08471713	0.993216	1.00061	1.00061	0.00850179	1.27192	1.27192	0.0302303	1.20019	1.20019	0.000244374	0.647799	-1.54369	131.64	10.6928	0.0722026	1
cg20309891	0.41428	1.1361	1.1361	0.797807	1.04003	1.04003	0.121271	0.773468	-1.29288	0.96611	0.993525	-1.00652	12.7111	4.70647	0.329123	1
cg10928294	0.771416	0.946573	-1.05644	0.021576	1.68223	1.68223	0.017407	1.72586	1.72586	0.709032	1.07321	1.07321	11.2642	6.33787	0.500138	1
cg12686920	0.106694	0.391568	-2.55384	0.102288	0.386047	-2.59035	0.152954	0.442756	-2.25858	0.422795	0.646727	-1.54625	8.63085	38.732	3.98901	1
cg03252568	0.0473678	2.04471	2.04471	0.00270601	0.270811	-3.69261	0.0676813	0.52449	-1.90661	0.0266663	0.436896	-2.28887	5.3907	8.48648	1.39936	1
cg14286346	0.0281887	0.406157	-2.4621	0.00366655	0.255163	-3.91906	0.00973656	0.320878	-3.11645	0.00475206	0.271581	-3.68214	5.07825	9.72083	1.70152	1
cg24847636	0.0972676	0.773468	-1.29288	0.65403	1.06575	1.06575	0.0260788	1.45165	1.45165	0.554008	0.918977	-1.08817	4.25037	1.34121	0.28049	1
cg11262216	0.30721	0.87336	-1.145	0.93744	0.989995	-1.01011	0.216124	0.846413	-1.18146	0.63203	1.06375	1.06375	4.11426	1.06927	0.231016	1
cg00003994	0.0213549	1.63741	1.63741	0.162497	0.766564	-1.30452	5.11E-09	89.6496	89.6496	0.00440367	1.96947	1.96947	80.5068	40.5254	0.447447	1
cg16331920	0.101376	1.53285	1.53285	0.967949	0.990478	-1.00961	2.73E-08	128.661	128.661	0.921522	1.02374	1.02374	51.7563	46.4802	0.798274	1
cg27096779	0.0877814	0.567434	-1.76232	0.0531775	0.516547	-1.93593	6.51E-08	242.576	242.576	0.606037	0.855183	-1.16934	47.7135	68.3304	1.27298	1
cg01181350	0.112099	1.656	1.656	0.393973	1.28991	1.28991	1.68E-06	33.1076	33.1076	0.150553	1.56712	1.56712	18.071	24.3283	1.19668	1
cg13047892	0.506253	1.2804	1.2804	0.471588	0.76461	-1.30786	3.02E-06	58.8989	58.8989	0.0263141	2.62652	2.62652	15.9212	33.8715	1.89107	1
cg18580296	0.755884	1.09129	1.09129	0.582322	0.855897	-1.16836	5.72E-06	17.4972	17.4972	0.165659	1.51313	1.51313	13.8519	17.2158	1.10475	1
cg17093212	0.568273	0.736705	-1.3574	?	?	?	0.000173758	146.795	146.795	0.699809	0.815055	-1.22691	28.765	51.4415	2.23542	1
cg07395354	0.975961	0.980427	-1.01996	0.00471401	11.7447	11.7447	0.000366676	42.2656	42.2656	0.417357	1.72244	1.72244	8.60815	58.6778	6.05915	1
cg06411724	0.405519	1.99325	1.99325	0.669099	0.705772	-1.41689	6.34E-05	389.867	389.867	0.0446635	6.4775	6.4775	8.58236	89.2923	9.24814	1
cg02908900	0.972327	1.02811	1.02811	0.0451612	0.159369	-6.27476	0.000243896	127.233	127.233	0.673459	1.40312	1.40312	7.35865	74.4204	8.98962	1
cg05494014	0.906866	0.939355	-1.06456	0.436698	0.654331	-1.52828	0.000112676	37.584	37.584	0.135193	2.36511	2.36511	6.84358	30.9711	4.02273	1
cg26675326	0.639375	0.754095	-1.32609	0.585651	0.719495	-1.38986	9.04E-05	65.7959	65.7959	0.301412	1.89708	1.89708	6.5352	37.0174	5.03494	1
cg27638126	0.934457	1.05153	1.05153	0.313335	0.528821	-1.891	0.00015951	51.5425	51.5425	0.141393	2.62792	2.62792	6.32374	37.3824	5.25461	1
cg17544952	0.578685	0.675236	-1.48096	0.546723	0.652485	-1.5326	0.000462474	47.3321	47.3321	0.667292	1.35357	1.35357	4.06151	31.5245	6.89935	1
cg25859468	0.311673	1.15533	1.15533	9.82E-06	0.269495	-3.71065	2.44E-09	45.5539	45.5539	0.0589009	1.34217	1.34217	111.247	33.5288	0.267902	1
cg06879518	0.563911	0.852976	-1.17237	0.950827	1.01695	1.01695	3.37E-07	56.3633	56.3633	0.0359176	1.94505	1.94505	29.5484	34.774	1.04609	1
cg02449202	0.000329563	0.304796	-3.28089	7.19E-05	0.227261	-4.40023	0.0947298	0.686424	-1.45683	0.00197373	0.4083	-2.44918	29.571	19.6594	0.590951	1
cg20980592	0.0132301	0.572116	-1.7479	0.000152189	0.306822	-3.25922	0.20902	0.78599	-1.27228	0.00178716	0.445588	-2.24423	14.2585	7.46777	0.465548	1
cg17568518	0.796119	1.03104	1.03104	0.000775642	0.548564	-1.82294	0.00653691	0.65896	-1.51754	0.0124345	0.692668	-1.44369	8.14423	1.79738	0.196172	1
cg16019620	0.453881	0.65754	-1.52082	0.0564278	0.305152	-3.27705	0.20447	0.479109	-2.08721	0.0190058	0.210046	-4.76086	5.0611	24.2052	4.2512	1
cg01941619	0.0640271	0.764921	-1.30732	0.611709	0.936214	-1.06813	0.333876	0.879567	-1.13692	0.0026652	0.585746	-1.70722	16.1877	4.2499	0.233367	1
cg12602653	0.439478	1.16675	1.16675	0.00539146	0.488449	-2.0473	0.9717	1.00696	1.00696	0.0039639	0.468685	-2.13363	8.30718	5.03338	0.538584	1
cg00030432	0.374787	0.681425	-1.46751	0.00629692	0.223508	-4.47411	0.168244	0.538877	-1.85571	0.0228784	0.31779	-3.14673	5.51823	15.4945	2.49588	1
cg21181989	0.490985	0.860138	-1.1626	0.0515071	0.620408	-1.61184	0.115249	1.44599	1.44599	0.183366	0.737849	-1.35529	4.30759	3.16423	0.652952	1
cg20040772	0.161914	0.691256	-1.44664	0.055383	1.71069	1.71069	0.755102	1.08043	1.08043	0.365439	1.25849	1.25849	3.40728	3.29865	0.860549	1
cg13255629	0.000526423	0.505454	-1.97842	0.164476	0.829159	-1.20604	0.00492672	0.624713	-1.60074	0.00754356	0.647768	-1.54376	11.2772	2.84946	0.2246	1
cg06891869	0.0724254	1.47046	1.47046	0.3055	1.2264	1.2264	0.105853	0.711946	-1.4046	0.324104	0.822115	-1.21637	4.4788	2.62427	0.520828	1
cg05679613	0.297415	0.797307	-1.25422	0.230035	1.30222	1.30222	0.629895	0.903198	-1.10718	0.493588	0.864341	-1.15695	3.63494	2.53134	0.619013	1
cg18836229	0.698567	1.05497	1.05497	0.000187792	0.420401	-2.37868	0.191163	1.20963	1.20963	0.0291212	1.42418	1.42418	7.45519	2.23274	0.266212	1
cg08279316	0.0756404	0.287529	-3.47791	0.788226	0.84392	-1.18495	0.000193721	0.01918	-52.1378	0.349072	1.83601	1.83601	6.78875	42.7149	5.5929	1
cg07912647	0.859029	1.02798	1.02798	0.0786926	1.35401	1.35401	0.225398	0.820699	-1.21847	0.673608	0.936366	-1.06796	6.53468	2.49287	0.339096	1
cg14900246	0.562949	0.822651	-1.21558	0.642195	0.855396	-1.16905	0.629552	0.850237	-1.17614	0.0383317	0.448805	-2.22814	6.43642	11.3584	1.56863	1
cg26585007	0.124538	0.731238	-1.36754	0.786096	1.05253	1.05253	0.481111	0.8739	-1.1443	0.134096	0.737792	-1.3554	5.44173	3.05333	0.498752	1
cg06682024	0.14749	0.658804	-1.5179	0.00270355	0.328648	-3.04277	0.0224691	0.479928	-2.08365	0.206044	0.698951	-1.43072	4.1665	4.75795	1.01507	1
cg10850626	0.16423	1.23845	1.23845	0.000842928	0.48509	-2.06147	0.700238	0.945782	-1.05733	0.47507	0.900628	-1.11034	4.37611	1.43904	0.292302	1
cg26851496	0.0626661	0.823317	-1.2146	0.0141797	0.755133	-1.32427	0.858857	1.01666	1.01666	0.371191	1.08895	1.08895	3.82837	0.522262	0.121261	1
cg17718210	0.00443522	0.0726448	-13.7656	0.0400731	4.94956	4.94956	0.232967	2.29344	2.29344	0.0848556	3.58019	3.58019	4.56006	30.6916	5.23484	1
cg17381754	0.662703	0.9076	-1.10181	0.331832	1.24858	1.24858	0.115587	1.46585	1.46585	0.108784	1.47883	1.47883	3.79384	2.86483	0.58732	1
cg01772192	0.949245	0.978576	-1.02189	0.00240056	4.21606	4.21606	0.000500794	6.37152	6.37152	0.0738259	1.96978	1.96978	8.98015	16.4612	1.62939	1
cg04738379	0.546757	0.954083	-1.04813	0.0135216	0.790095	-1.26567	0.956434	0.995798	-1.00422	0.189495	0.898415	-1.11307	3.84434	0.361705	0.0836336	1
cg05159949	0.0253772	0.428339	-2.3346	0.960485	1.01593	1.01593	0.0135011	2.65257	2.65257	0.822573	1.07428	1.07428	3.86109	6.22429	1.43294	1
cg01294695	0.042402	1.80129	1.80129	0.117031	0.651361	-1.53525	0.0266992	0.516294	-1.93688	0.000700551	3.6739	3.6739	7.68714	7.71767	0.89242	1
cg24249390	0.0114746	1.72906	1.72906	0.0379613	1.51679	1.51679	0.866201	0.971226	-1.02963	0.987079	1.00281	1.00281	6.69614	3.17907	0.42201	1
cg00637988	0.0560436	0.704399	-1.41965	0.0320571	0.665892	-1.50175	0.00352875	0.527054	-1.89734	0.100633	0.747384	-1.338	6.46781	2.68541	0.369063	1
cg14902146	0.344569	0.683966	-1.46206	?	?	?	0.00017082	0.0826777	-12.0952	0.363134	0.694431	-1.44003	6.34914	13.6066	2.14306	1
cg06991829	0.735133	0.930043	-1.07522	0.00437173	0.4435	-2.25479	0.903658	0.974468	-1.0262	0.643333	1.10472	1.10472	4.43978	3.20771	0.642217	1
cg06103331	0.00637429	1.47403	1.47403	0.357068	1.10906	1.10906	0.231356	0.871794	-1.14706	0.0128545	0.713462	-1.40162	15.1852	2.87254	0.168149	1
cg18107425	0.0113755	1.46765	1.46765	0.000128082	2.24022	2.24022	0.00899975	1.49508	1.49508	0.0165539	0.701538	-1.42544	13.8935	3.22663	0.206436	1
cg10461282	0.00877667	1.84701	1.84701	6.53E-05	3.84802	3.84802	0.00319401	2.096	2.096	0.00561163	1.95118	1.95118	10.0257	5.36587	0.475744	1
cg21005853	0.0121306	0.166721	-5.99805	0.00393555	0.108314	-9.23244	0.392995	0.605711	-1.65095	0.0795169	0.327876	-3.04993	7.00579	36.4234	4.62138	1
cg18758664	0.00873143	1.74629	1.74629	0.000165536	2.9182	2.9182	0.0175664	1.61955	1.61955	0.401613	1.15401	1.15401	6.73462	2.96968	0.391962	1
cg24933758	0.102567	1.36977	1.36977	0.116659	1.35021	1.35021	0.919207	0.982288	-1.01803	0.897986	1.02285	1.02285	3.51328	1.7263	0.436767	1
cg04029027	0.0915853	1.73332	1.73332	3.45E-05	10.7175	10.7175	0.00117107	4.09824	4.09824	0.00644144	2.85507	2.85507	10.9074	15.1444	1.23418	1
cg01888566	0.0352135	9.03506	9.03506	0.000493497	133.685	133.685	0.00400235	32.1603	32.1603	0.023397	11.3641	11.3641	6.14062	78.3118	11.3361	1
cg15150348	0.795501	0.926239	-1.07964	0.0516724	1.92196	1.92196	0.00331439	3.25413	3.25413	0.0327262	2.08987	2.08987	5.8652	8.08464	1.22525	1
cg02490034	0.0149448	2.41537	2.41537	0.000668306	4.63769	4.63769	0.0065233	2.8338	2.8338	0.416381	1.27733	1.27733	5.81408	7.99609	1.22249	1
cg20380768	0.117858	0.719206	-1.39042	0.00944405	1.89361	1.89361	0.726709	0.934162	-1.07048	0.278133	0.80341	-1.24469	5.28627	3.15403	0.530351	1
cg07683330	0.0865414	1.48473	1.48473	0.0368837	1.65871	1.65871	0.989652	0.997296	-1.00271	0.832746	1.04514	1.04514	5.1875	3.58035	0.613501	1
cg05373657	0.0236521	3.5035	3.5035	0.0018191	7.82098	7.82098	0.0139939	4.08902	4.08902	0.0466779	2.87782	2.87782	4.38953	14.9719	3.03184	1
cg08077673	0.028554	17.0915	17.0915	0.00546905	55.3739	55.3739	0.0149149	26.8232	26.8232	0.0456325	12.4032	12.4032	3.97288	75.9513	16.9933	1
cg09059945	0.0626974	17.15	17.15	0.01386	61.9405	61.9405	0.0305878	31.4208	31.4208	0.0550518	19.138	19.138	3.40661	99.3387	25.9205	1
cg16511229	0.0289134	11.2204	11.2204	0.00132776	79.9612	79.9612	0.00617126	28.5813	28.5813	0.0221855	13.1135	13.1135	5.45627	76.1329	12.4029	1
cg09872616	0.0155739	7.51931	7.51931	0.00195473	19.6577	19.6577	0.00616495	11.3584	11.3584	0.0339187	5.3882	5.3882	5.30819	38.891	6.51254	1
cg14952237	0.143579	1.22559	1.22559	0.00383824	1.656	1.656	0.403751	0.895305	-1.11694	0.789065	0.965888	-1.03532	9.6481	2.56013	0.235867	1
cg05260959	0.0910358	1.33039	1.33039	0.0118037	1.61965	1.61965	0.166014	0.797299	-1.25424	0.980671	1.00372	1.00372	6.20408	2.31089	0.331092	1
cg14428359	0.0241632	0.503244	-1.98711	0.0133684	0.45718	-2.18732	0.107983	1.56515	1.56515	0.383287	0.795828	-1.25655	3.93788	4.06937	0.91857	1
cg04786207	0.0669884	1.20938	1.20938	0.0265317	1.27567	1.27567	0.237134	0.891656	-1.12151	0.913475	1.01011	1.01011	35.8177	4.86311	0.120688	1
cg22705386	0.182144	0.858597	-1.16469	0.00100996	1.69084	1.69084	0.201913	1.15612	1.15612	0.346966	1.10989	1.10989	34.007	6.24281	0.163177	1
cg21667116	0.0309986	1.27145	1.27145	0.000301371	1.74602	1.74602	0.510287	1.06538	1.06538	0.360383	0.914687	-1.09327	21.8625	3.11406	0.126612	1
cg06212135	0.00219866	1.66649	1.66649	0.000425058	1.94237	1.94237	0.512463	1.08223	1.08223	0.224553	1.16389	1.16389	20.7193	4.64381	0.199227	1
cg21629528	0.0329919	1.26193	1.26193	0.00225538	1.49007	1.49007	0.512379	1.06395	1.06395	0.73175	1.03263	1.03263	14.0133	1.93194	0.122546	1
cg19386484	0.026172	1.35403	1.35403	0.16086	1.18776	1.18776	0.723638	1.04163	1.04163	0.0210039	1.37571	1.37571	12.2257	2.55559	0.185808	1
cg00286878	0.4073	1.13865	1.13865	0.000531748	2.28452	2.28452	0.562697	1.09378	1.09378	0.300002	0.848301	-1.17883	11.8058	4.38706	0.330313	1
cg26708559	0.200423	1.21717	1.21717	0.00540783	1.70238	1.70238	0.92691	1.01342	1.01342	0.256999	0.842055	-1.18757	11.497	3.84493	0.29727	1
cg07870293	0.264845	0.934977	-1.06954	5.68E-05	1.54099	1.54099	0.878218	0.991168	-1.00891	0.0549426	0.881682	-1.1342	11.4869	0.60895	0.0471224	1
cg10249538	0.172004	1.34355	1.34355	0.132241	1.39096	1.39096	0.58371	1.11897	1.11897	0.971254	1.00735	1.00735	8.72134	5.69916	0.580865	1
cg17079325	0.0696739	1.32308	1.32308	0.00099231	1.96424	1.96424	0.691199	0.946393	-1.05664	0.774031	1.04052	1.04052	6.81847	2.0564	0.268082	1
cg04678950	0.0581568	1.46653	1.46653	0.0154227	0.587696	-1.70156	0.468338	0.876389	-1.14105	0.904856	0.978844	-1.02161	6.50648	3.29526	0.450186	1
cg16823958	0.408553	1.20959	1.20959	0.0257949	1.81469	1.81469	0.670414	1.10116	1.10116	0.935749	0.982015	-1.01831	6.46762	5.19061	0.71338	1
cg13104298	0.291528	1.2467	1.2467	0.00202099	2.40447	2.40447	0.419259	1.18089	1.18089	0.843726	1.04056	1.04056	6.14449	3.94997	0.57142	1
cg07315018	0.402184	1.14031	1.14031	0.00373537	1.82151	1.82151	0.882928	0.977687	-1.02282	0.869309	0.975098	-1.02554	5.58916	2.07598	0.330159	1
cg23156962	0.0841995	1.30415	1.30415	0.065654	1.33262	1.33262	0.554262	0.920212	-1.08671	0.632561	0.935235	-1.06925	5.49871	1.6826	0.272	1
cg20050761	0.578493	0.953346	-1.04894	0.00173981	1.46245	1.46245	0.553378	0.950239	-1.05237	0.0468176	0.823867	-1.21379	5.20764	0.597718	0.102024	1
cg04344875	0.29176	1.20418	1.20418	0.0023634	2.05504	2.05504	0.55401	0.903326	-1.10702	0.997828	0.999538	-1.00046	5.14678	2.3516	0.406139	1
cg09080913	0.47948	1.17643	1.17643	0.011261	2.0495	2.0495	0.451813	1.18918	1.18918	0.715438	1.08628	1.08628	5.11167	4.13587	0.719204	1
cg18934293	0.193905	1.31571	1.31571	0.527501	1.13631	1.13631	0.965672	1.00863	1.00863	0.472926	0.864398	-1.15687	4.99502	3.15233	0.560974	1
cg05556276	0.273304	1.19519	1.19519	0.0368989	1.46095	1.46095	0.787113	0.958548	-1.04325	0.162518	0.791994	-1.26264	3.61457	1.40033	0.344366	1
cg13917504	0.892476	0.980432	-1.01996	0.00181711	1.91123	1.91123	0.413722	0.885062	-1.12986	0.927123	0.986721	-1.01346	7.22948	2.44473	0.300588	1
cg25407198	0.116244	1.30695	1.30695	0.0166574	1.58162	1.58162	0.270527	0.835341	-1.19712	0.708834	1.06059	1.06059	6.33628	2.46805	0.346233	1
cg21200654	0.766892	0.965717	-1.0355	0.000959851	1.78093	1.78093	0.411896	0.906237	-1.10346	0.288623	0.878739	-1.13799	11.135	2.42841	0.193856	1
cg13986840	0.167837	1.32948	1.32948	0.032546	1.62374	1.62374	0.72935	0.934923	-1.06961	0.98381	1.00394	1.00394	8.22409	4.88899	0.528419	1
cg03588221	0.0277013	1.40624	1.40624	0.018455	1.45412	1.45412	0.837383	0.973439	-1.02729	0.994418	1.00092	1.00092	7.33142	1.99233	0.241558	1
cg25519926	0.32253	1.15567	1.15567	0.00259292	1.8057	1.8057	0.778665	1.0407	1.0407	0.802679	0.965173	-1.03608	6.1967	1.96718	0.282183	1
cg19344806	0.571227	1.11015	1.11015	0.0477738	1.51179	1.51179	0.98095	0.99565	-1.00437	0.450354	0.86897	-1.15079	5.71975	3.0206	0.469422	1
cg23714917	0.533633	1.06982	1.06982	0.00178501	1.60958	1.60958	0.792242	0.972135	-1.02866	0.95739	1.00574	1.00574	5.71131	1.03664	0.16134	1
cg22592140	0.675143	1.0722	1.0722	0.00764301	1.76325	1.76325	0.256984	0.822279	-1.21613	0.346859	0.851961	-1.17376	4.93427	2.13781	0.385117	1
cg01784351	0.626248	0.90376	-1.10649	0.0544609	1.56811	1.56811	0.866421	0.965886	-1.03532	0.549911	0.88274	-1.13284	4.72273	3.17951	0.598431	1
cg08761490	0.597054	0.788501	-1.26823	0.0742154	0.412268	-2.42561	0.993168	0.996194	-1.00382	0.124776	0.477035	-2.09628	3.39592	10.6698	2.79285	1
cg15381410	0.634669	1.10004	1.10004	0.0146222	1.82003	1.82003	0.657946	1.09281	1.09281	0.0405072	1.60197	1.60197	3.4883	2.19188	0.558534	1
cg10473158	0.0314962	0.441495	-2.26503	0.00512119	0.30158	-3.31587	0.0588472	0.50075	-1.997	0.0079797	0.332138	-3.0108	17.3188	28.8168	1.47903	1
cg17347253	0.0217734	0.465216	-2.14954	0.469608	1.22684	1.22684	0.235936	0.708116	-1.4122	0.0759636	0.57764	-1.73118	10.5828	12.9437	1.08719	1
cg26275543	0.0793532	0.566125	-1.76639	0.057351	0.533638	-1.87393	0.210176	0.679932	-1.47073	0.135941	0.625379	-1.59903	9.90699	13.39	1.2014	1
cg05222671	0.0372127	0.28743	-3.4791	0.185349	0.484792	-2.06274	0.0462105	0.308075	-3.24597	0.0309812	0.271004	-3.68998	6.52322	27.455	3.74117	1
cg10767216	0.106361	0.469398	-2.13039	0.965046	0.98138	-1.01897	0.129628	0.495462	-2.01832	0.041706	0.36534	-2.73717	6.33661	18.4613	2.58972	1
cg15068552	0.0624516	0.297001	-3.36699	0.383456	0.596058	-1.67769	0.0619149	0.296079	-3.37747	0.0816446	0.327178	-3.05644	4.58879	24.3604	4.71883	1
cg12070022	0.106002	0.325564	-3.07159	0.286829	0.495096	-2.01981	0.0626759	0.2641	-3.78644	0.0638704	0.266079	-3.75828	3.79819	24.3036	5.68776	1
cg02756856	0.245805	0.571177	-1.75077	0.940704	1.03492	1.03492	0.21683	0.549048	-1.82133	0.119231	0.458351	-2.18174	3.56887	12.0326	2.99693	1
cg05369791	0.767349	1.03193	1.03193	0.0177319	1.35736	1.35736	0.913971	0.988615	-1.01152	0.963749	0.995196	-1.00483	13.1009	2.32955	0.158059	1
cg14088957	0.0165344	1.39213	1.39213	0.00848592	1.46174	1.46174	0.98231	0.997498	-1.00251	0.913999	1.01228	1.01228	12.8879	2.60577	0.179722	1
cg24941047	0.471884	0.877564	-1.13952	0.0222757	1.63054	1.63054	0.200563	0.785612	-1.27289	0.0527099	0.674992	-1.4815	10.361	5.227	0.448433	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2 vs. N)	Fold-Change(2 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5638 vs. N)	Fold-Change(5638 vs. N)	T(Test)	SS(Test)	SS(Error)		F(Error
cg27417677	MEST;TMEM147;MEST;MEST	0.00228405	0.129526	1.29226	1.29226	1.714867	1.05912	1.05912	0.3703	0.865795	1.05326	1.05326	0.00014587	1.85939	-2.7825	2.793761	1.04187	1.04187	0.02121448	1.54287	1.54287	0.00786661	1.70318	1.70318	0.547214	0.908049	-1.01512	1.609792	3.37577	0.344689	1
cg06100421	MEST;TMEST;MEST;MEST	0.00415605	0.377351	1.1347	1.1347	?	?	0.82378	1.0316	1.0316	0.00944814	1.502648	-1.98646	4.01124	0.00391136	1.58754	1.58754	0.00354338	1.73574	1.73574	0.945834	0.990566	-1.00952	0.7913	0.963676	-1.03679	1.731927	2.17317	0.274	1
cg20297423	MEST;TMEST;MEST;MEST	0.00508319	0.413905	1.12173	1.12173	0.954219	0.992135	-1.00793	0.219847	0.837414	-1.19415	0.000419221	0.463395	-2.15799	0.41759	1.12067	1.12067	1.12067	0.498737	1.09905	1.09905	0.00163691	1.85957	1.85957	0.901849	0.983175	-1.01711	0.511932	0.912576	-1.0958	7.3017	2.18745	0.266295	1
cg07224147	MEST;TMEST;MEST;MEST	0.01113389	0.7103353	1.10685	1.10685	0.498569	0.829484	-1.20557	0.716537	0.905537	-1.10432	0.000208092	0.184792	-5.41149	0.718963	1.090347	1.10333	1.10333	0.686708	1.895534	-1.11605	0.152807	1.81977	1.81977	0.709274	1.107297	1.10729	0.882265	1.04115	1.04115	5.67667	6.65754	1.04248	1
cg02501418	MEST;TMEST;MEST;MEST	0.0231999	0.280381	1.738418	-1.35425	0.168303	0.672915	-1.48607	0.713352	1.10486	1.10486	1.10486	0.0017049	2.765152	-3.62119	0.737422	0.913076	-1.0952	0.590433	1.15817	1.15817	0.0198275	1.21865	1.21865	0.843139	1.055	1.055	0.745606	1.09196	1.09196	4.4715	5.17231	1.0282	1
cg20362277	MEST;TMEST;MEST;MEST	0.00750993	0.04751O7	0.570347	-1.75332	0.00450201	0.991528	-2.5541	0.0736602	0.610204	-1.6388	0.101531	0.641408	-1.55907	0.0017614	0.1331603	-3.01563	0.1331603	0.312333	0.771906	-1.2955	0.445987	0.824946	-1.2122	0.375949	0.798451	-1.25343	0.3608806	0.792382	-1.26202	4.20373	4.085335	0.863858	1
cg14584935	MEST;TMEST;MEST;MEST	0.0299215	0.082211	0.600057	-1.66551	0.03444243	0.348599	-2.86863	0.205141	0.701458	-1.42561	0.221101	0.710925	-1.40662	0.003076344	0.341348	-2.92956	1.03333	0.538565	0.847754	-1.17959	0.0353295	0.521993	-1.91574	0.168312	0.677449	-1.47613	0.1177312	0.636841	-1.57025	4.09063	4.55837	0.990526	1
cg08229596	MEST;TMEST;MEST;MEST	0.0395581	0.591997	1.11138	0.958752	0.655228	1.52619	0.714196	0.8652	1.24866	0.00401374	0.470519	-2.11351	0.174142	1.32601	1.32601	1.32601	1.32601	0.512951	1.13826	1.13826	0.0012403	1.43554	1.43554	0.855734	0.965102	-1.03656	0.3059887	1.22988	1.22988	5.69823	2.23129	0.536302	1
cg09003379	MEST;TMEST;MEST;MEST	0.0495386	0.635134	1.10487	1.10487	0.94079	1.01404	1.01404	0.8851326	1.03166	1.03166	1.03166	0.00334833	0.434592	-2.30101	0.68792	1.08769	1.08769	0.144484	1.13683	1.13683	0.2537953	1.74095	1.74095	0.999257	1.00019	1.00019	0.828059	0.955636	1.04642	3.40009	2.34379	0.61274	1
cg08734637	MEST;TMEST;MEST;MEST;MEST	0.00446909	0.340443	1.08861	1.08861	0.439635	0.934156	-1.07049	0.0396652	0.814179	-1.22823	0.000541199	0.628241	-1.59175	0.531964	1.05623	1.05623	1.05623	0.243083	1.11133	1.11133	0.00178064	1.4687	1.4687	0.955659	1.00482	1.00482	0.860496	0.985522	-1.01469	7.59358	0.898134	0.105134	1
cg09321059	MET;MET	5.10E-07	0.00159795	1.632209	1.632209	0.476487	0.923625	1.12632	0.0156	1.856	1.13945	1.856	0.0013955	4.699321	1.75E-05	4.699321	1.58505	1.58505	1.25E-05	3.995121	3.995121	0.0001284	2.779	2.779	0.870542	0.968261	-1.03268	0.4386382	2.279979	0.870582	14.048	3.144934	1	
cg24258705	MET;MET	0.0026505	0.442484	0.782208	-1.27843	0.978954	1.00831	1.00831	3.79E-05	0.0836946	-11.9482	0.761912	1.121	1.121	0.481887	0.78497	-1.25135	0.7497	0.017114	0.372356	-2.6856	0.0388148	0.472169	-2.11789	0.773835	1.09459	1.09459	0.360576	0.74466	-1.34289	8.87776	13.8343	1.38517	1
cg23992886	MET;MET	0.00292326	0.00159463	0.36783	-2.71865	0.0115617	1.10864	1.92884	0.0617322	0.627026	-1.5911	0.0120484	0.500934	-1.99627	0.187748	0.724055	-1.36098	0.724055	0.065522	0.619187	1.57931	0.764907	0.935878	-1.06852	0.701058	0.931897	-1.07308	0.937783	0.587501	-1.70212	6.03665	4.67101	0.684211	1
cg24197507	MET;MET	0.0014464	0.33064	3.02444	3.02444	0.00509523	0.217361	-4.60364	0.000832718	0.125697	-7.95561	0.3132	0.65046	-1.53737	0.00770701	0.243778	-4.10209	0.243778	0.004	0.483449	-2.06847	0.0561102	0.409846	-2.43994	0.462038	0.864409	-1.16164	0.648735	0.827719	-1.20814	5.65627	15.2275	2.39303	1
cg22371518	MET;MET	0.0114975	0.729804	1.10519	1.10519	0.235714	0.698758	-1.43111	0.50748	0.823694	-1.21404	0.607291	1.1613	1.1613	0.000766043	0.229892	-4.34986	0.229892	0.51004	1.82481	-1.21259	0.0602554	0.542651	-1.84281	0.612593	0.881168	1.13488	0.532684	0.565125	0.744733	1.1714	1	
cg18285813	MET;MET	0.0317171	0.174537	1.60952	-1.66488	0.277041	0.148986	1.48986	0.0494053	0.453141	1.42682	0.0014535	0.518897	-1.92716	0.00752524	0.278339	-3.59196	0.278339	0.442277	1.3185	1.6	0.0007204	0.188077	0.188077	0.0443751	0.133746	-2.95905	0.402658	0.70636	-1.24607	4.08535	0.863858	1	
cg18313221	MET;MET	0.0332723	0.631617	1.13971	1.13971	0.365441	1.28627	1.28627	0.351687	0.771459	-1.29625	0.589301	0.862726	-1.15912	0.703845	0.901772	-1.10893	1.10893	0.0061089	0.379516	-2.63494	0.00241298	0.318543	-3.1393	0.651839	1.13084	1.13084	0.967381	1.01113	1.01113	3.9384	4.57144	1.03176	1
cg14744768	MET;MET	0.0348449	0.0007847	0.629179	-1.59042	0.255073	1.18495	1.18495	0.165104	0.82808	-1.20808	0.128008	0.864655	1.09677	1.05972	0.305677	0.617387	-1.61973	0.994634	1.00365	1.00365	0.977044	0.4592292	-2.17376	0.924716	1.05259	1.05259	0.321704	1.74221	1.74221	3.72718	17.4049	4.19976	1
cg11339403	MET;MET	0.0401448	0.056162	0.6427299	0.6670564	0.777988	1.77988	0.254857	0.758642	0.738642	-1.35384	0.123759	0.56108	-1.78252	0.1506398	0.6510891	0.553329	1.80074	0.08016575	0.17368	1.71768	0.280046	1.36744	1.36744	0.04302103	1.9135	1.9135	0.163796	1.13695	1.63927	4.52437	0.109336	1	
cg11056055	MET;MET	0.0466004	0.120228	0.31221	-3.20297	0.0257224	0.160489	-6.23094	0.103162	0.291943	-3.42533	0.116678	0.308119	-3.2455	0.00815127	0.0964403	-10.3691	0.0964403	0.0950705	0.285736	-3.54942	0.0125614	0.1172	-8.53245	0.0314704	0.175091	-5.7113	0.145224	0.339491	-2.94559	3.47958	26.2863	6.71507	1
cg15392102	MET;MET	4.12E-06	0.00252233	0.534192	-1.8724	0.0792416	0.747285	-1.3318	0.0010319	0.515931	-1.93824	0.147157	0.792486	-1.26185	5.19E-07	0.123497	0.209739	1.20739	0.007532	0.581896	-1.71852	0.5914	0.126085	-7.80731	0.264411	1.19376	1.19376	7.62E-06	0.229899	-4.34974	51.0274	18.0644	0.314678	1
cg17499294	MET;MET	0.0079027	0.206834	0.818781	-1.22133	0.00206251	0.521128	-1.91891	0.000865105	0.471941	-2.11891	0.914698	1.01621	1.01622	0.000688923	2.17379	2.17379	2.17379	0.002332829	1.89367	1.89367	0.204309	1.22284	1.22284	0.630322	0.929761	-1.07554	0.0935078	0.75803	-1.31921	12.5644	4.48809	0.317525	1
cg03780969	MET;MET	0.00121729	0.429416	0.794949	-1.25702	0.0244354	0.24676	-4.04952	0.0001854	0.314492	-3.18146	0.0023538	0.309042	1.9721	1.973	0.00222067	2.29544	-2.30478	0.04633	0.522405	-1.91422	0.0040834	0.239153	-4.18146	0.377499	0.852057	-1.17362	0.0157319	0.532682	-1.87729	11.1263	3.9415	0.139827	1
cg25893515	MET;MET	0.00188543	0.270309	0.895452	-1.11676	0.0139082	1.4398	1.4398	0.685051	1.05013	1.05013	0.138981	1.21051	1.21051	0.259629	0.868435	1.1515	1.1515	0.000137568	0.453474	2.2052	0.00240482	0.60218	-1.66063	0.199374	0.849886	-1.17663	0.323056	1.13025	1.13025	9.80885	2.2354	0.202574	1
cg06689619	MET;MET	0.0128809	0.0225998	0.51954	-1.92478	0.0122584	0.973288	-1.21332	0.059941	0.601081	-1.66367	0.902051	1.02997	1.02997	0.421171	1.22274	1.22274	1.22274	0.558663	0.867758	-1.1524	0.00053538	0.274487	-3.64316	285	0.766177	-1.30518	0.273149	0.760695	-1.31459	5.44649	4.96165	0.809761	1
cg15381708	MET;MET	0.0135	0.948838	1.03006	1.03006	0.917011	1.54648	1.54648	0.205994	1.13983	1.13983	0.615687	1.044878	1.05388	0.327753	1.263678	1.263678	1.263678	0.494013	1.934131	1.07051	0.0001156	0.901156	1.11069	0.682532	1.04117	1.04117	0.00142548	1.57253	5.82753	0.885781	0.315497	1	
cg04395703	MET;MET	0.0209169	0.0264531	0.377793	-2.64695	0.00707624	0.275983	-3.62341	0.148444	0.563627	-1.77422	0.84136	1.07695	1.07695	0.005392115	0.25793	-3.87701	0.25793	0.04133333	0.418741	-2.38811	0.0211204	0.35853	-2.78917	0.91078	0.959384	-1.04234	0.0234677	0.367439	-2.72154	6.63405	10.0427	1.92636	1
cg02507524	MET;MET	0.0450281	0.1578075	1.15871	1.15871	0.2466011	0.705613	-1.41721	0.854648	1.03857	1.03857	0.140671	1.058556	1.25399	0.000387455	2.58107	-2.58107	2.58107	0.260946	1.44778	1.24778	0.0496043	1.44835	1.44835	0.207965	0.758474	-1.31917	0.0598644	0.55766	-1.79341	4.44834	0.207965	0.515713	1	
cg19636411	MET;MET	0.0229379	0.320264	1.42007	1.42007	0.170991	0.60787	-1.64509	0.00717239	0.305267	-3.27203	0.695151	0.885207	1.12926	-1.15128	0.000318397	0.136626	-7.31924	0.417484	1.32703	1.32703	0.0044751	0.150752	-6.63342	0.355426	1.3835	1.3835	0.209379	0.636473	0.57116	0.263331	0.571082	1.64166	1	
cg13148131	MET;MET	0.0022964	0.00213203	0.42115	0.42115	0.00739	3.68462	3.68462	0.491438	1.27229	1.27229	0.000507682	0.25569	9.25569	0.815921	1.08325	1.08325	1.08325	0.746734	1.11759	1.11759	0.185517	0.6117158	-1.63474	0.00240673	0.192076	-5.20627	0.952344	0.979727	-1.02069	13.8533	24.5378	1.18084	1
cg09704741	MET;MET	0.0240521	0.480046	1.17317	1.17317	0.2406601	0.705613	-1.41721	0.854648	1.03857	1.03857	0.140671	1.058556	1.25399	0.000387455	2.58107	-2.58107	2.58107	0.260946	1.44778	1.24778	0.0496043	1.44835	1.44835	0.207965	0.758474	-1.31917	0.0598644	0.55766	-1.79341	4.44834	0.207965	0.515713	1	
cg10705394	MET;MET	0.0063474	0.015472	0.576104	-1.74696	0.065031	1.00829	1.00829	0.00501698	0.201174	2.01174	0.00657466	0.514491	-1.94637	0.91692	1.03619	0.7205	-1.38792	0.08393968	1.43347	1.43347	0.0132548	0.561032	-1.78243	0.338654	1.20408	1.20408	0.452811	1.15489	8.8194	3.82922	0.499127	1	
cg10265403	MET;MET	0.0158831	0.4294416	0.794949	-1.25702	0.0244354	0.24676	-4.04952	0.0001854	0.314492	-3.18146	0.0023538	0.309042	1.9721	1.973	0.00222067	2.29544	-2.30478	0.00231217	0.7983	-1.25263	0.0004834	0.2391153	-4.18146	0.377499	0.852057	-1.17362	0.0157319	0.532682	-1.87729	11.1263	3.9415	0.139827	1
cg17885031	MET;MET	0.0291755	0.110192	1.6035	1.6035	0.255648	1.37969	1.37969	0.00753684	0.393539	-2.54104	0.397629	0.790644	-1.26479	0.748763	0.916537	1.09106	1.09106	0.207722	1.697464	-1.43377	0.0242639	2.07179	2.07179	0.84877	0.95314	1.05314	0.0411868	1.89433	1.89433	4.12741	4.80876	1.03563	1
cg07063557	MET;MET	0.0179656	0.0836732	0.352323	-2.83831	0.655682	0.783055	-1.27705	0.955447	0.970014	-1.03091	0.168729	0.449722	-2.2236	0.052979	0.196297	0.549201	1.82048	0.1239075	0.410958	-2.43319	0.0053535	0.274487	-3.64316	285	0.766177	-1.30518	0.273149	0.760695	-1.31459	5.44649	4.96165	0.809761	1
cg08207099	MET;MET;MET2	0.0061738	0.627799	1.06017	1.06017	0.1042454	2.01676	2.01676	0.835048	1.08044	-1.065	0.000200932	0.147302	-6.77085	0.024573	0.396247	-2.52437	0.396247	0.124	0.483449	-2.06847	0.0561102	0.409846	-2.43994	0.462038	0.864409	-1.16164	0.648735	0.827719	-1.20814	5.65627	15.2275	2.39303	1
cg08492912	METRN	0.00020094	0.221488	1.21516	1.21516	0.2596044	1.19523	1.19523	9.52E-05	2.86888	2.86888	1.18E-05	4.08252	4.08252	0.172945	0.802578	-1.24598	0.802578	0.12376	1.28762	1.28762	0.00841125	0.600258	-1.66595	0.34177	1.16015	1.16015	0.0668626	1.36553	1.36553	18.3478	6.68246	0.323743	1
cg26651775	METRN	0.00860467	0.785013	1.18975	1.18975	0.2466011	0.705613	-1.41721	0.854648	1.03857	1.03857	0.140671	1.058556	1.25399	0.000387455	2.58107	-2.58107	2.58107	0.260946	1.44778	1.24778	0.0496043	1.44835	1.44835	0.207965	0.758474	-1.31917	0.0598644	0.55766	-1.79341	4.44834	0.207965	0.515713	1	
cg11027330	METRN	0.0118744	0.856375	0.973755	-1.02655	0.0391543	1.08325	1.08325	0.0349597	2.33467	2.33467	0.0264113	2.55227	2.55227	0.343314	1.706467	1.4155	1.4155	0.043594	2.38779	-2.28379	0.0372365	0.422864	-2.36483	0.690625	0.867729	-1.15303	0.710399	0.14197	1.14197	0.459833	0.75015	1.78354	1	
cg06154544	METRN	0.0186739	0.179928	0.852055	-1.17363	0.125605	1.20483	1.20483	0.00160055	0.66355	1.66355	0.988993	0.99845	-1.00155	0.234586	0.8693	-1.15035	0.8693	0.0265125	0.744033	-1.34403	0.1509342	0.841105	-1.18891	0.747594	0.964552	-1.03697	0.517273	0.7766	1.0766	4.81513	0.963795	0.17792	1	
cg09510476	METRN	0.0100186	0.1587071	1.31875	1.31875	0.2406601	1.05613	-1.47121	0.854648	1.03857	1.03857	0.140671	1.058556	1.25399	0.000387455	2.58107	-2.58107	2.58107	0.260946	1.44778	1.24778	0.0496043	1.44835	1.44835	0.207965	0.758474	-1.31917	0.0598644	0.55766	-1.79341	4.44834	0.207965	0.515713	1	
cg17834632	METRN	0.0014922	0.151444	0.7834	-1.27649	0.0202296	0.501014	-1.99595	0.00127343	0.474052	-2.10947	0.211053	0.811166	-1.23279	0.000380503	0.406028	-2.46289	0.406028	0.302875	1.18471	-1.18471	0.24E-06	0.0829572	-12.0544	0.082953	0.867729	-1.15303	0.710399	0.14197	1.14197	0.459833	0.75015	1.78354	1	
cg13644197	METRN	0.0020765	0.322442	0.78972	-1.26672	0.826405	0.171232	-5.83883	0.0001729	0.324	-3.08642	0.0003	0.2183	-4.5819	0.000258	0.2183	-4.58184	0.2183	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg09959355	METRN	0.0002587	0.000633809	3.25928	3.25928	0.00113431	2.93815	2.93815	0.0508475	1.64989	1.64989	0.000595274	3.29705	3.29705	0.002704953	0.393512	-2.54122	0.393512	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg14521546	METRN	0.0007366	0.057853163	1.90712	1.90712	0.738075	0.649186	-1.54076	0.00735724	0.633752	-1.57814	0.20754	0.636384	1.57134	0.000363871	0.20866	0.956	0.956	0.288233	1.64942	0.606425	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg10190823	METRN	0.0005885	0.0092265	0.6219	1.47239	0.0068724	2.49401	2.49401	0.0007	0.443567	-2.25546	0.00144377	0.603959	1.65628	0.000263639	0.515725	-1.93958	0.515725	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg12806347	METRN	0.00090974	0.0016389	0.580305	-1.72323	2.12E-05	0.35562	-2.81199	0.0512059	0.764957	-1.30726	0.0181249	0.707297	-1.41383	0.575821	0.93406	-1.0706	1.0706	0.2775334	0.8726	-1.146	0.0912344	1.25166	1.25166	0.509839	0.922488	-1.08402	0.196701	0.848131	-1.17906	12.0861	2.7876	0.205017	1
cg04158206	METRN	0.00158016	0.0005553	0.56055	-1.78401	0.0035602	0.734554	-1.36442	0.0505983	0.758385	-1.31975	0.0201158	0.714897	-1.39897	0.000263639	0.515725	-1.93958	0.515725	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg01502876	METRN	0.00207003	0.583444	1.11163	1.11163	0.0409669	0.479	-2.08768	0.00879706	0.528585	-1.89184	0.0631969	0.507044	-1.97222	0.000664407	0.369407	2.70704	2.70704	0.0002589	0.362912	-2.75549	0.727761	1.06907	1.06907	0.465418	1.15254	1.15254	0.614862	0.9076	-1.10181	9.54562	5.52118	0.514132	1
cg10891521	METRN	0.00629548	0.974258	0.995421	-1.0042	0.677129	0.947104	-1.05585	0.659468553	0.63194	-1.62882	0.000378109	0.479423	-2.0902	0.173496	0.830227	-1.20443	0.830227	0.5199535	0.902886	-1.10781	0.1993996	1.2293	1.2293	0.6652622	0.964452	-1.03679	0.0412576	0.669259	-1.49419	0.82679	1.82393	0.237139	1	
cg05700204	METRN	0.0179355	0.103221	1.13221	-1.13221	0.156695	0.729531	-1.37074	0.0049881	0.492962	-2.48162	0.7647	0.959587	1.0643	0.031524	0.568012	-1.76053	0.568012	0.2272324	0.7679512	-1.30223	0.0103428	0.3751159	-2.66553	0.6001	0.9594372	-1.04222	0.0936362	0.4097241	1.02391	1.02391	5.28516	3.63262	0.610956	1	
cg07005960	METRN	0.0146926	0.283406	0.826586	-1.2098	0.0006987745	2.41945	2.41945	0.211032	0.798365	1.50684	0.16369	0.684196	1.46197	0.000263639	0.515725	-1.93958	0.515725	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg25688499	METRN	0.0161665	0.0795483	0.710826	-1.40697	0.0127397	0.7097	1.4097	0.007597	0.592026	1.68926	0.0079761	0.627753	1.59312	0.000263639	0.515725	-1.93958	0.515725	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg13956095	METRN	0.0312123	0.0719038	0.815689	-1.22596	0.300098	1.11476	1.11476	0.305546	1.11358	1.11358	0.261907	1.12594	1.12594	0.002075114	0.644298	-1.55208	0.644298	0.1464685	0.853816	-1.17121	0.303081	0.897479	-1.11423	0.463346	1.07863	1.07863	0.348115	1.10291	1.10291	4.02961	0.656166	0.144743	1	
cg18123067	METRN	0.0102373	0.01906	0.59985	-1.66708	0.650171	1.1497	1.1497	0.10857	0.959353	1.04239	0.990319	-1.00978	0.836925	1.01781	1.01781	1.01781	1.01781	0.682207	0.928559	-1.07694	0.0103824	0.882939	1.13286	1.00386	0.128919	1.12115	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg24280525	METRN	0.0146	0.69322	0.910711	-1.09804	0.186538	0.718693	-1.39142	0.00442678	0.527753	1.59217	0.1497	-6.46	0.0829572	12.05044	0.082953	0.867729	-1.15303	0.710399	0.14197	1.14197	0.459833	0.75015	1.78354	1											
cg15249062	METRN	0.00401162	0.805302	1.05177	1.05177	0.566643	0.888408	-1.12561	0.186086	1.33161	1.33161	0.766664	0.941019	-1.06268	0.127918	0.714458	-1.39966	1.39966	0.277534	0.8726	-1.146	0.0912344	1.25166	1.25166	0.509839	0.922488	-1.08402	0.196701	0.848131	-1.17906	12.0861	2.7876	0.205017	1	
cg05185201	METRN	0.0149503	0.0001668	0.729239	1.37074	0.0003562	1.35691	1.35691	0.0052	1.153257	1.18569	0.0013353	1.5571	1.5571	0.000263639	0.515725	-1.93958	0.515725	0.0001	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	0.2183	-4.58184	0.0002758	0.1	1
cg06291314	METRN	0.00159751	0.004662784	0.58928	1.88928	0.0012849	2.12125	2.12125	0.0357565	1.51159	1.51159	0.0141026	1.66914	1.66914	0.736213	0.944432	-1.05884	1.05884	0.003252	0.507363	-1.97098	0.587504	1.09704	1.09704	0.0012848	2.12126	2.12126	0.0653066	1.41888	1.41888	10.2911	4.66024	0.402528	1	
cg06537226	METRN	0.00253018	0.007296854	0.6155	1.62496	0.0102036	1.64255	1.64255	0.0107	1.277	1.277	0.0079	1.64745	1.64745	0.017969	1.64745	1.64745	0.017969	0.0050848	0.608616	1.97475	0.074575	0.8824678	0.764592	-1.30789	0.0146455	0.1559187	0.0064455	-1.5517	0.0064455	-1.5517	0.0064455	-1.5517	0.0064455	-1.5517	1
cg26710891	METRN	0.00339135	0.000549591	0.267052	-3.74459	0.3445337	1.27068	1.27068	0.00534296	0.405419	-2.46658	0.915083	0.9741	-1.02659	0.001437272	0.321836	3.10717	3.10717	0.925088	1.02341	1.02341	0.0911917	1.5805	1.5805	0.423341	1.22287	1.22287	0.770422	0.930534	-1.07465	8.25125	7.91099	0.852234	1	
cg14

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15039510	METTL8	0.0139384	0.122786	0.88439	-1.13072	0.00211555	0.727959	-1.3737	0.00123332	0.706717	-1.41499	0.785777	0.980181	-1.02022	0.0919003	0.872547	-1.14607
cg14444244	METTL8	0.0384335	0.0190092	0.565768	-1.76751	0.248363	0.785017	-1.27386	0.00960311	0.518063	-1.93027	0.0561815	0.648037	-1.54312	0.0114566	0.530147	-1.88627
cg18022344	METTL9;IGSF6;METTL9	0.0126145	0.870214	0.97386	-1.02684	0.0025961	1.96599	1.96599	0.0495252	1.43766	1.43766	0.734722	1.05664	1.05664	0.63516	0.925495	-1.0805
cg08017156	METTL9;METTL9	0.000686519	0.0298052	1.26163	1.26163	0.0511403	0.817192	-1.2237	0.0367106	1.24682	1.24682	0.508301	1.06289	1.06289	0.115529	1.16825	1.16825
cg07917978	METTL9;METTL9	0.0124188	0.00383847	0.284651	-3.51307	0.128612	0.588854	-1.69821	0.00747846	0.329449	-3.03538	0.171616	0.625465	-1.59881	0.00315059	0.272221	-3.67349
cg10018105	METTL9;METTL9	0.0129001	0.019158	1.52685	1.52685	0.0573691	1.37844	1.37844	0.320793	1.16551	1.16551	0.551563	1.09411	1.09411	0.43558	0.888017	-1.12611
cg09808606	METTL9;METTL9	0.0161096	0.086907	1.9471	1.9471	0.00179833	0.209073	-4.78301	0.0159364	0.353366	-2.82993	0.363146	0.719356	-1.39013	0.60345	1.20286	1.20286
cg07747521	METTL9;METTL9	0.0438042	0.911625	0.967449	-1.03365	0.0105115	2.61082	2.61082	0.0369752	2.0587	2.0587	0.0219766	0.440848	-2.26836	0.664357	1.13897	1.13897
cg22505746	MEX3A	0.00131681	0.163366	1.29002	1.29002	0.137274	1.31519	1.31519	0.239532	1.23471	1.23471	0.42489	1.1497	1.1497	0.202585	1.25896	1.25896
cg06208270	MEX3A	0.0168852	0.080581	1.68289	1.68289	0.0210653	2.1069	2.1069	0.0191787	2.14072	2.14072	0.10939	1.59814	1.59814	0.0963222	0.612362	-1.63302
cg11717597	MEX3A	0.0186293	0.0111929	2.98456	2.98456	0.0446889	2.20959	2.20959	0.0441208	2.21563	2.21563	0.455411	1.29889	1.29889	0.501952	0.791041	-1.26416
cg02951552	MEX3A	0.0203787	0.042915	0.499801	-2.0008	0.0359302	0.48364	-2.06765	0.933992	0.975644	-1.02496	0.0112204	0.388389	-2.57474	0.053843	0.521203	-1.91864
cg00660163	MEX3A	0.0205888	0.0776646	0.725485	-1.37839	0.636663	0.925088	-1.08098	0.0454753	0.687015	-1.45557	0.867767	1.02764	1.02764	0.0261137	0.649239	-1.54027
cg26396535	MEX3A	0.0255009	0.448253	1.16279	1.16279	0.027322	1.66459	1.66459	0.554426	0.889861	-1.12377	0.716867	1.07366	1.07366	0.0126733	0.54626	-1.83063
cg16549043	MEX3A	0.0261708	0.0201969	0.221971	-4.5051	0.029489	0.252206	-3.96502	0.248291	0.522814	-1.91273	0.137042	0.422893	-2.36467	0.0102535	0.175735	-5.69039
cg15685922	MEX3A	0.0279174	0.102567	0.650513	-1.53725	0.757244	0.928084	-1.07749	0.243009	0.745213	-1.3419	0.212492	0.728994	-1.37175	0.00574694	0.41837	-2.39023
cg13301155	MEX3B	0.000547231	0.810566	0.966594	-1.03456	0.0106386	1.57531	1.57531	0.180323	0.817662	-1.223	0.0591848	1.35179	1.35179	0.333623	1.15155	1.15155
cg10534507	MEX3B	0.000577178	0.68747	0.921554	-1.08512	0.00815053	1.98199	1.98199	0.938387	0.984505	-1.01574	0.215823	0.768632	-1.30101	0.84743	0.961837	-1.03968
cg11235741	MEX3B	0.00241573	0.159068	1.38449	1.38449	0.517498	1.15239	1.15239	0.0418287	0.602249	-1.66044	0.325035	1.24568	1.24568	0.968565	1.00855	1.00855
cg09073799	MEX3B	0.00806832	0.29226	1.39303	1.39303	0.00240411	0.277273	-3.60655	0.0745698	1.82688	1.82688	0.00682094	2.89576	2.89576	0.222904	1.47482	1.47482
cg10283707	MEX3B	0.00812142	0.078136	0.867244	-1.15308	0.00720569	1.28711	1.28711	0.870584	1.01194	1.01194	0.802136	1.01844	1.01844	0.255413	0.917222	-1.09025
cg04588550	MEX3B	0.0418834	0.321182	1.0942	1.0942	0.384225	0.924627	-1.08152	0.225285	1.11836	1.11836	0.270341	0.904106	-1.10606	0.132229	1.15338	1.15338
cg23530105	MEX3C	0.000279979	0.0123396	1.64013	1.64013	0.0847339	1.35359	1.35359	0.33918	1.16935	1.16935	0.376641	0.865824	-1.15497	0.916871	0.983557	-1.01672
cg02895724	MEX3C	0.0024806	0.0527558	0.628678	-1.59064	0.393179	0.831614	-1.20248	0.0945876	0.678865	-1.47305	0.0658209	1.54518	1.54518	0.105233	0.688565	-1.4523
cg18088775	MEX3C	0.00592661	0.115431	0.831266	-1.20298	0.00827515	0.694473	-1.43994	0.0392545	1.29379	1.29379	0.890619	1.01497	1.01497	0.62109	1.05528	1.05528
cg01307891	MEX3C	0.0421475	0.00752684	0.790451	-1.2651	0.522544	0.956657	-1.04531	0.0973164	0.883023	-1.13247	0.984916	1.00129	1.00129	0.175599	1.10348	1.10348
cg19151263	MEX3C	0.0455107	0.37068	0.926408	-1.07944	0.248476	1.10552	1.10552	0.00310975	1.3998	1.3998	0.618771	0.959144	-1.0426	0.40668	0.931848	-1.07314
cg16401346	MEX3C;MEX3C	0.00106514	3.69E-05	0.0475016	-21.0519	0.223125	0.682028	-1.46622	0.917842	1.03076	1.03076	?	?	?	0.0158383	0.391599	-2.55363
cg11841652	MEX3D	1.42E-08	6.79E-09	0.10266	-9.7409	0.00545283	1.40784	1.40784	0.000423608	0.593048	-1.6862	0.0117531	0.744919	-1.34243	3.21E-08	0.154178	-6.486
cg12706938	MEX3D	0.00224799	0.0361106	1.80911	1.80911	0.886888	0.965973	-1.03523	0.0226601	1.94197	1.94197	0.00729732	2.32	2.32	0.89071	0.967112	-1.03401
cg10073349	MEX3D	0.00407406	0.150718	0.836337	-1.19569	0.839883	1.02375	1.02375	0.460351	0.916472	-1.09114	0.117508	1.21809	1.21809	0.0692532	1.266	1.266
cg09418267	MEX3D	0.00724337	0.3046	0.844892	-1.18358	0.0750516	0.730317	-1.36927	0.023052	1.53859	1.53859	0.02122	1.55136	1.55136	0.00128939	0.475409	-2.10345
cg10592521	MEX3D	0.0232945	0.145456	1.80957	1.80957	0.0121314	3.27494	3.27494	0.896141	1.0508	1.0508	0.134911	1.84321	1.84321	0.0793932	0.477678	-2.09346
cg25243321	MEX3D	0.0263594	0.12578	0.721541	-1.38592	0.0636759	0.663175	-1.5079	0.00353834	0.45892	-2.17903	0.269461	1.25427	1.25427	0.00535498	0.485495	-2.05975
cg15564590	MEX3D	0.0291222	0.0414932	1.25718	1.25718	0.12331	1.17647	1.17647	0.0501229	1.2429	1.2429	0.0327783	1.27526	1.27526	0.371755	0.914587	-1.09339
cg02614657	MEX3D	0.0455924	0.415096	1.58342	1.58342	0.0547639	3.32654	3.32654	0.697601	0.806197	-1.24039	0.0991225	2.71134	2.71134	0.021289	0.217164	-4.60482
cg16010385	MEX3D	0.0476598	0.993303	0.995165	-1.00486	0.71087	1.23988	1.23988	0.45994	0.647612	-1.54413	0.371737	1.69826	1.69826	0.00430378	0.110305	-9.06576
cg13981838	MFAP1	9.23E-06	1.49E-05	0.34841	-2.87018	4.15E-05	0.400037	-2.49977	0.0146411	0.702826	-1.42283	0.0468671	1.30597	1.30597	4.61E-06	0.29122	-3.43383
cg19255991	MFAP1	0.000193565	0.0357867	1.57265	1.57265	0.0333058	1.58574	1.58574	0.198953	1.28605	1.28605	0.606975	1.10094	1.10094	5.13E-06	0.146431	-6.82914
cg22038409	MFAP1	0.000751087	0.0295934	0.540635	-1.84968	0.00338105	0.384045	-2.60386	0.00471856	0.405979	-2.46318	0.179692	0.710225	-1.408	1.26E-05	0.110025	-9.08884
cg12801082	MFAP1	0.000941356	0.000574889	0.152869	-6.54153	0.000871674	0.172039	-5.81265	0.490957	0.781477	-1.27963	0.178817	0.604494	-1.65428	0.000954347	0.176413	-5.66852
cg14422179	MFAP1	0.000962121	0.58352	1.08558	1.08558	0.0539297	1.38337	1.38337	0.0387999	0.701278	-1.42597	0.606364	1.08014	1.08014	0.00039904	0.433582	-2.30637
cg23710731	MFAP1	0.0130429	0.0166433	0.490638	-2.03816	0.00293571	0.36976	-2.70445	0.00922396	0.447145	-2.23641	0.58318	1.14449	1.14449	0.151121	0.687532	-1.45448
cg16267059	MFAP1	0.0377392	0.0055106	0.511482	-1.9551	0.21628	0.787329	-1.27012	0.0639947	0.682128	-1.466	0.0967145	0.715288	-1.39804	0.0266348	0.617071	-1.62056
cg03788666	MFAP1;MFAP1	0.00698013	0.0151759	0.75047	-1.3325	0.498137	1.06842	1.06842	0.00378134	1.45649	1.45649	0.0688983	0.82208	-1.21643	0.460811	0.930289	-1.07493
cg07002382	MFAP1;MFAP1	0.02476	0.0930186	0.441629	-2.26435	0.0447937	2.76958	2.76958	0.0259952	3.21766	3.21766	0.0507245	0.373608	-2.67661	0.718307	1.17376	1.17376
cg04236263	MFAP2;MFAP2;MFAP2;MFAP2	6.35E-05	0.000138936	0.332795	-3.00486	0.000149096	0.336529	-2.97152	0.00232131	0.491191	-2.03587	0.0905195	0.732199	-1.36575	0.000161934	0.340916	-2.93327
cg10201923	MFAP2;MFAP2;MFAP2;MFAP2	0.00181608	0.00120763	0.135076	-7.40326	0.00198443	0.158077	-6.32605	0.000522018	0.101857	-9.81768	0.0345776	0.353215	-2.83114	0.008774	0.244234	-4.09443
cg19306948	MFAP2;MFAP2;MFAP2;MFAP2	0.0031349	0.00112218	0.355045	-2.81654	0.00446717	0.441066	-2.26724	0.00182808	0.38443	-2.60125	0.00632457	0.464154	-2.15446	0.00664403	0.467477	-2.13914
cg12695612	MFAP2;MFAP2;MFAP2;MFAP2	0.00346352	0.00104813	0.144163	-6.93657	0.00406141	0.214249	-4.66746	0.00303171	0.197415	-5.06547	0.0276059	0.353361	-2.82997	0.00653635	0.243867	-4.1006
cg17744878	MFAP2;MFAP2;MFAP2;MFAP2	0.00861773	0.00419442	0.258986	-3.86121	0.000522939	0.148864	-6.71755	0.709382	0.876455	-1.14096	0.0658374	0.483328	-2.06899	0.0794867	0.503758	-1.98508
cg05055766	MFAP2;MFAP2;MFAP2;MFAP2	0.00894619	0.0124431	0.264244	-3.78438	0.331814	1.53484	1.53484	0.0355573	0.350986	-2.84912	0.00727324	4.39911	4.39911	0.151564	0.518161	-1.9299
cg02574421	MFAP2;MFAP2;MFAP2;MFAP2	0.012944	0.0157452	0.392353	-2.54872	0.0494407	2.03165	2.03165	0.0159685	2.54149	2.54149	0.849111	0.94156	-1.06207	0.120205	0.586886	-1.70391
cg04875062	MFAP2;MFAP2;MFAP2;MFAP2	0.016831	0.014493	0.328055	-3.04827	0.0356966	0.404752	-2.47065	0.0401021	0.415737	-2.40537	0.186574	0.595664	-1.6788	0.0154676	0.333148	-3.00167
cg08477744	MFAP2;MFAP2;MFAP2;MFAP2;MFAP2;MFAP2	0.00179911	0.000885712	0.338686	-2.95259	0.0269302	0.565804	-1.7674	0.000359315	0.288184	-3.47001	0.014685	0.520552	-1.92104	0.00963651	0.490609	-2.03828
cg26994023	MFAP3;FAM114A2;MFAP3;MFAP3	0.0165469	0.126317	0.763659	-1.30949	0.073869	1.38375	1.38375	0.547308	1.10438	1.10438	0.162782	1.27495	1.27495	0.858948	1.02942	1.02942
cg06508582	MFAP3;MFAP3;FAM114A2;MFAP3	0.00226678	0.000292433	0.103795	-9.63436	0.842365	1.0794	1.0794	0.208341	0.601098	-1.66362	0.140555	1.83738	1.83738	0.782786	1.11188	1.11188
cg01590693	MFAP3;MFAP3;FAM114A2;MFAP3	0.0426039	0.556632	1.43183	1.43183	0.914575	1.06681	1.06681	0.00509257	0.0968136	-10.3291	0.634786	1.33472	1.33472	0.383154	1.71784	1.71784
cg09871980	MFAP3;MFAP3;FAM114A2;MFAP3;FAM114A2	0.0261987	0.508007	0.932159	-1.07278	0.751501	0.967313	-1.03379	0.112744	1.19794	1.19794	0.248643	0.881479	-1.13446	0.00482802	0.676315	-1.4786
cg20435608	MFAP3;MFAP3;FAM114A2;MFAP3;FAM114A2	0.0495954	0.05967	0.622773	-1.60572	0.985675	1.00401	1.00401	0.625249	0.896113	-1.11593	0.0133535	0.505132	-1.97968	0.184305	0.73066	-1.36863
cg09077340	MFAP3;MFAP3;MFAP3;MFAP3;FAM114A2;MFAP3	3.53E-14	?	?	?	8.37E-13	0.744487	-1.34321	5.09E-13	0.68512	-1.4596	?	?	?	?	?	?
cg13950403	MFAP3;MFAP3;MFAP3;MFAP3;FAM114A2;MFAP3	0.0179031	0.0422894	0.711893	-1.40471	0.342635	0.867583	-1.15263	0.372593	1.14224	1.14224	0.236791	0.835201	-1.19732	0.0085454	0.61418	-1.62819
cg00704633	MFAP3L	3.94E-06	1.58E-05	0.770132	-1.29848	0.892838	1.00396	1.00396	0.000136618	1.21336	1.21336	3.64E-06	0.727709	-1.37417	0.876176	1.00458	1.00458
cg04821107	MFAP3L	0.0141587	0.729977	0.954122	-1.04808	0.149392	1.2331	1.2331	0.00179402	1.82601	1.82601	0.0179026	0.677039	-1.47702	0.190353	0.828636	-1.2068
cg13870275	MFAP3L;MFAP3L	0.0186688	0.120527	0.598968	-1.66954	0.00464275	0.317876	-3.14588	0.107824	0.586199	-1.70591	0.0806549	1.80345	1.80345	0.0707535	0.540858	-1.84891
cg12769732	MFAP3L;MFAP3L	0.026201	0.0828692	0.66627	-1.50089	0.00760643	2.06622	2.06622	0.0617947	1.56012	1.56012	0.112312	0.693817	-1.4413	0.43228	1.18466	1.18466
cg12081372	MFAP3L;MFAP3L	0.0444906	0.178104	0.337112	-2.96637	0.00190621	0.0353745	-28.269	0.0242354	0.129849	-7.70124	0.642866	0.701284	-1.42596	0.0471844	0.178035	-5.61689
cg05058040	MFAP3L;MFAP3L;MFAP3L	0.00969971	0.0789689	0.721247	-1.38649	0.0731347	1.39767	1.39767	0.0347899	1.51011	1.51011	0.443069	1.13998	1.13998	0.00642082	0.552153	-1.81109
cg09606564	MFAP4	0.0284449	0.031572	0.261959	-3.81739	0.0154017	0.205983	-4.85478	0.121356	0.409642	-2.44116	0.760756	0.850202	-1.17619	0.00916782	0.172327	-5.80291
cg07727884	MFAP4	0.0379889	0.0334007	0.389861	-2.56502	0.0560224	0.440352	-2.27091	0.786164	0.902087	-1.10854	0.605495	0.820829	-1.21828	0.187835	0.58927	-1.69702
cg19543296	MFAP5	0.000647746	0.825552	1.04921	1.04921	0.00238273	0.397862	-2.51344	0.00204427	0.388331	-2.57512	0.670312	0.911013	-1.09768	0.0105243	0.496324	-2.01481
cg13679724	MFAP5	0.0409838	0.178583	0.781983	-1.2788	0.0776194	0.713542	-1.40146	0.233466	0.806571	-1.23982	0.005283	1.88279	1.88279	0.425627	0.869362	-1.15027
cg01732415	MFF	0.000408756	0.00369766	1.43767	1.43767	0.000149944	1.82674	1.82674	0.202865	0.883024	-1.13247	0.00176099	1.5104	1.5104	0.0321896	1.26133	1.26133
cg27111656	MFF	0.00274265	0.000789012	0.371734	-2.69009	0.34117	0.825858	-1.21086	0.00303712	0.45284	-2.20829	0.635799	0.91114	-1.09753	0.389166	1.18785	1.18785
cg22588542	MFF	0.00299006	0.0138528	2.27798	2.27798	0.052188	0.549987	-1.81822	0.787682	0.929529	-1.07581	0.613906	0.871345	-1.14765	0.118299	1.58261	1.58261
cg19504888	MFF	0.0155715	0.00113811	0.19016	-5.25873	0.0275576	0.405038	-2.46891	0.395698	0.739581	-1.35212	0.174616	1.65003	1.65003	0.700148	1.14364	1.14364
cg14540337	MFGE8;MFGE8	0.000393845	0.00073892	0.235579	-4.24486	0.0039448	0.334941	-2.9856	0.00277777	0.312409	-3.20094	0.0197066	0.45181	-2.21332	0.000184998	0.168411	-5.93785
cg10272675	MFGE8;MFGE8	0.00845745	0.0801974	0.458613	-2.18049	0.0585523	2.36507	2.36507	0.493493	1.31712	1.31712	0.399766	1.40755	1.40755	0.00117061	0.13445	-7.4377
cg18730841	MFGE8;MFGE8;MFGE8;MFGE8	1.75E-06	1.11E-06	0.37585	-2.66063	0.415542	0.937758	-1.06637	8.66E-05	1.72275	1.72275	0.0496255	0.841175	-1.18881	0.000451767	0.652466	-1.53265
cg07344583	MFGE8;MFGE8;MFGE8;MFGE8	0.00372729	0.722859	0.972955	-1.0278	0.0173764	0.800102	-1.24984	0.356301	1.07579	1.07579	0.900153	1.00971	1.00971	0.439817	0.941142	-1.06254
cg23361275	MFHAS1	0.000375916	0.0402596	1.40758	1.40758	0.00302282	1.79751	1.79751	2.64E-05	3.31699	3.31699	0.000287611	2.34855	2.34855	0.77861	1.0415	1.0415
cg09720758	MFHAS1	0.00463662	0.771289	0.974909	-1.02574	0.00382679	0.711837	-1.40482	0.00351859	1.41201	1.41201	0.148007	1.14487	1.14487	0.312243	0.912897	-1.09541
cg01274122	MFHAS1	0.0112884	0.191789	1.28347	1.28347	0.103119	1.3799	1.3799	0.0534518	1.48614	1.48614	0.00161415	2.26259	2.26259	0.07223	1.43671	1.43671
cg11784887	MFHAS1	0.0212592	0.00774025	0.06563	-15.2369	0.0146253	0.0912786	-10.9555	0.0424684	0.155613	-6.42621	0.0820354	0.21563	-4.63757	0.00682144	0.0613781	-16.2925
cg00195828	MFHAS1	0.0269376	0.893083	1.04004	1.04004	0.0213239	0.445872	-2.24279	0.390425	0.773442	-1.29292	0.31307	1.35609	1.35609	0.714217	0.898196	-1.11334
cg09128169	MFHAS1	0.0312249	0.0448886	0.497033	-2.01194	0.0303776	2.166	2.166	0.0845043	1.78515	1.78515	0.709136	1.12052	1.12052	0.0325289	0.467703	-2.13811
cg26987453	MFHAS1	0.0454622	0.0332094	0.235181	-4.25204	0.0387675	0.248725	-4.0205	0.502794	0.673406	-1.48499	0.156288	0.414055	-2.41514	0.00805398	0.138959	-7.19638
cg20860638	MFI2;MFI2	0.00163367	0.00794794	1.93429	1.93429	4.89E-05	4.87319	4.87319	0.0735769	0.685345	-1.45912	0.957724	0.990177	-1.00992	?	?	?
cg22239952	MFI2;MFI2	0.00191086	0.00394907	0.784173	-1.27523	0.0120026	1.21714	1.21714	0.146345	1.10272	1.10272	0.00376629	1.27787	1.27787	0.666869	1.02753	1.02753
cg06069457	MFI2;MFI2	0.00809327	0.439901	1.30121	1.30121	0.778409	0.910013	-1.09888	0.00926264	0.331603	-3.01565	0.484375	1.26812	1.26812	0.0517469	0.477134	-2.09585
cg16446585	MFI2;MFI2	0.0445323	0.211796	1.14111	1.14111	0.0446059	1.26039	1.26039	0.0203533	0.755308	-1.32396	0.901956	1.01245	1.01245	0.0298025	0.773673	-1.29254
cg09711970	MFN1	0.00270299	0.512786	1.33271	1.33271	0.182709	1.84382	1.84382	0.197794	0.554877	-1.8022	5.27E-05	0.0380778	-26.262	0.0121951	0.258872	-3.86291
cg13726633	MFN1	0.0121161	0.117418	0.824563	-1.21276	0.922431	0.989013	-1.01111	0.770405	0.96735	-1.03375	0.0193254	1.37838	1.37838	0.00177678	0.603671	-1.65653
cg13450407	MFN1	0.029099	0.0427204	0.719866	-1.38915	0.11384	0.784752	-1.27429	0.0300532	0.698	-1.43266	0.248732	0.843765	-1.18516	0.00860577	0.623684	-1.60338
cg20927439	MFN1;MFN1	0.0198193	0.00268568	0.306664	-3.2609	0.308225	0.740466	-1.3505	0.513755	0.828063	-1.20764	0.351986	1.31375	1.31375	0.0217364	0.456188	-2.19208
cg23372422	MFN2;MFN2	3.65E-05	0.0227736	1.64465	1.64465	0.00010789	3.47699	3.47699	0.562415	1.11284	1.11284	0.0519833	1.4972	1.4972	3.94E-05	0.23796	-4.20238
cg05523254	MFN2;MFN2	0.000876558	0.0303994	0.862452	-1.15948	0.139269	0.911615	-1.09695	0.000190175	1.44165	1.44165	0.433813	1.04754	1.04754	0.00183883	1.29341	1.29341
cg09216381	MFN2;MFN2	0.00676698	0.210043	0.729519	-1.37077	0.442282	1.20568	1.20568	0.345856	1.26084	1.26084	0.0289308	0.540708	-1.84943	0.379003	0.806158	-1.24045
cg09820729	MFN2;MFN2	0.02218	0.308894	0.610711	-1.63744	0.0209163	3.67421	3.67421	0.120792	2.19869	2.19869	0.0297625	3.3125	3.3125	0.0666103	0.3817	-2.61986
cg03593358	MFN2;MFN2	0.0250409	0.126165	0.666846	-1.4996	0.0365736	1.81282	1.81282	0.0430365	0.56546	-1.76847	0.156029	0.68961	-1.45009	0.102031	0.645171	-1.54998
cg18184769	MFN2;MFN2	0.0302654	0.235151	0.707253	-1.41392	0.0836648	1.7039	1.7039	0.893291	0.96333	-1.03807	0.00660503	2.66879	2.66879	?	?	?
cg13216073	MFN2;MFN2	0.0373956	0.96573	0.979113	-1.02133	0.0486126	0.330646	-3.02438	0.264156	0.564483	-1.77153	0.126674	0.444095	-2.25177	0.0146212	0.22828	-4.38059
cg08543703	MFN2;MFN2;MFN2;MFN2	0.020765	0.0251423	2.05996	2.05996	0.55994	0.855679	-1.16866	0.141337	1.52538	1.52538	0.291759	1.33695	1.33695	0.276371	1.35077	1.35077
cg01765930	MFNG;MFNG;MFNG	0.00106632	0.000119627	0.103927	-9.62211	0.00932339	0.32953	-3.03463	0.87302	0.947587	-1.05531	0.731145	0.89039	-1.1231	0.00210572	0.233249	-4.28727
cg11201532	MFNG;MFNG;MFNG	0.0116491	0.000730234	0.141623	-7.06102	0.586845	0.81151	-1.23227	0.0833308	2.07443	2.07443	0.649148	0.840006	-1.19047	0.0641666	0.453045	-2.20729
cg22406469	MFNG;MFNG;MFNG	0.0128412	0.00234544	0.198147	-5.04677	0.0845125	0.483158	-2.06972	0.961779	1.01844	1.01844	0.273565	0.647681	-1.54397	0.0236942	0.357188	-2.79964
cg25597784	MFNG;MFNG;MFNG	0.0420733	0.240201	1.54011	1.54011	0.832771	0.928435	-1.07708	0.187535	0.612314	-1.63315	0.158092	0.588629	-1.69886	0.00512576	0.272925	-3.66401
cg19560971	MFRP;C1QTNF5	0.0177455	0.958501	1.01085	1.01085	0.00467202	2.18145	2.18145	0.0185979	0.553361	-1.80714	0.194047	0.752049	-1.3297	0.0154202	0.539849	-1.85237
cg10904867	MFRP;C1QTNF5	0.0242558	0.377515	0.799389	-1.25095	0.00248383	2.82854	2.82854	0.0227645	0.509666	-1.96207	0.0415805	0.559347	-1.7878	0.604262	0.878721	-1.13802
cg16996281	MFRP;C1QTNF5	0.031776	0.378722	0.770282	-1.29823	0.19435	1.48706	1.48706	0.00166678	0.272626	-3.66803	0.0776081	0.567295	-1.76275	0.0770921	0.566612	-1.76488
cg01027101	MFSD10;C4orf10;MFSD10	0.000602071	0.0562293	0.924206	-1.08201	0.155265	1.05701	1.05701	0.00366609	1.15399	1.15399	0.254626	1.04432	1.04432	0.000766508	1.20415	1.20415
cg01872779	MFSD10;C4orf10;MFSD10	0.0335772	0.840512	0.980957	-1.01941	0.0262198	1.28611	1.28611	0.202971	1.13683	1.13683	0.976102	1.00286	1.00286	0.690034	1.03899	1.03899
cg18179964	MFSD10;MFSD10	0.0014891	0.00486758	2.05378	2.05378	0.0601823	0.664512	-1.50486	0.00179528	2.35456	2.35456	0.000351717	0.330502	-3.0257	0.266586	0.799989	-1.25002
cg21882157	MFSD11	0.0065437	0.0331998	0.519994	-1.9231	0.0631506	1.73148	1.73148	0.844199	0.94963	-1.05304	0.716698	0.908715	-1.10046	0.000618695	0.250568	-3.99093
cg20500551	MFSD1;MFSD1	5.15E-05	0.190155	0.765615	-1.30614	0.0337753	1.61147	1.61147	0.0112689	0.542795	-1.84232	0.000341135	3.03576	3.03576	7.75E-06	0.151313	-6.60881
cg15548427	MFSD1;MFSD1	0.000212291	0.0016442	0.195247	-5.12171	5.96E-05	0.0678144	-14.7461	0.000783932	0.15875	-6.2992	0.00397656	0.245764	-4.06894	0.000218527	0.107133	-9.33416
cg03539313	MFSD1;MFSD1	0.00130176	0.664916	0.955163	-1.04694	0.000674066	0.578501	-1.72861	0.0973482	0.825714	-1.21107	0.765784	1.03195	1.03195	0.56619	1.06294	1.06294
cg05278454	MFSD1;MFSD1	0.00327264	0.794368	1.08445	1.08445	0.00191373	0.25563	-3.9119	0.0707247	0.534304	-1.8716	0.17398	1.56661	1.56661	0.000376464	0.171312	-5.83732
cg19694978	MFSD2A;MFSD2A	0.0029378	0.283142	0.802129	-1.24668	0.372848	0.834532	-1.19828	0.274789	0.798789	-1.2519	0.000488731	0.339513	-2.9454	0.000265529	0.306038	-3.26757
cg12070152	MFSD2A;MFSD2A	0.00400353	0.153674	1.29475	1.29475	0.476076	0.884667	-1.13037	0.22031	0.80418	-1.2435	0.00266153	0.495247	-2.0192	0.151324	0.771042	-1.29695
cg13181052	MFSD2A;MFSD2A	0.00664975	0.986501	0.996293	-1.00372	0.00208377	2.58833	2.58833	0.000881669	2.98705	2.98705	0.0803647	1.53079	1.53079	0.790393	1.06022	1.06022
cg15978014	MFSD2A;MFSD2A	0.0215713	0.418905	1.12345	1.12345	0.341882	1.148	1.148	0.109984	1.27829	1.27829	0.110002	1.27827	1.27827	0.250875	1.18422	1.18422
cg23962483	MFSD2A;MFSD2A	0.0221068	0.559718	0.922939	-1.0835	0.271466	0.855856	-1.16842	0.380894	0.88497	-1.12998	0.043499	1.37115	1.37115	0.00181525	0.547265	-1.82727
cg10572624	MFSD2A;MFSD2A	0.0248249	0.504833	0.906724	-1.10287	0.110043	0.777226	-1.28663	0.00592014	0.593992	-1.68352	0.0940595	0.766156	-1.30522	0.00736753	0.606718	-1.64821
cg01058711	MFSD2A;MFSD2A	0.0409214	0.302085	1.18637	1.18637	0.522674	0.901617	-1.10912	0.410936	1.14386	1.14386	0.176169	1.25846	1.25846	0.475889	0.890574	-1.12287
cg15616998	MFSD2A;MFSD2A	0.0423974	0.0464516	0.506796	-1.97318	0.579783	0.846485	-1.18136	0.254444	0.701456	-1.42561	0.663065	0.877538	-1.13955	0.003648	0.309812	-3.22776
cg01869896	MFSD2A;MFSD2A	0.0478618	0.492921	1.25651	1.25651	0.00573995	3.2782	3.2782	0.047516	2.10278	2.10278	0.941784	0.976336	-1.02424	0.59015	1.19518	1.19518
cg18885365	MFSD2A;MFSD2A;MFSD2A;MFSD2A	0.04249	0.501925	0.845472	-1.18277	0.0181576	2.02701	2.02701	0.0242418	1.93798	1.93798	0.282291	1.3168	1.3168	0.944163	1.0174	1.0174
cg03480346	MFSD2B	1.95E-05	3.27E-05	0.097068	-10.3021	0.0185543	2.28172	2.28172	0.00758501	0.370713	-2.6975	0.0120372	0.404569	-2.47176	3.18E-05	0.0962087	-10.3941
cg08134053	MFSD2B	0.000208786	0.0972599	0.817601	-1.22309	3.38E-06	3.3615	3.3615	0.965037	1.00486	1.00486	0.974058	1.0036	1.0036	0.352801	0.899604	-1.1116
cg12810402	MFSD2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19572014	MFSD2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25044817	MFSD2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12565126	MFSD2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21129641	MFSD2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09906061	MFSD2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22200551	MFSD2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15039510	0.551979	0.956749	-1.04521	0.23418	1.09596	1.09596	0.188511	0.902691	-1.1078	0.284064	0.921484	-1.08521	5.30757	0.453826	0.0760047	1
cg14444244	0.0798658	0.677156	-1.47676	0.735261	1.07045	1.07045	0.268755	0.793703	-1.25992	0.53366	1.13479	1.13479	3.73758	2.38176	0.56644	1
cg18022344	0.0242425	1.54516	1.54516	0.186135	1.25491	1.25491	0.00748595	0.572522	-1.74666	0.704721	0.940191	-1.06361	5.48373	2.27896	0.369409	1
cg08017156	0.0991955	0.8485	-1.17855	0.000394056	0.598627	-1.67049	0.00251497	1.46431	1.46431	0.000536876	1.63152	1.63152	13.082	1.71174	0.116308	1
cg07917978	0.0574434	0.500132	-1.99947	0.0065004	0.319659	-3.12833	0.942041	1.02372	1.02372	0.0956235	0.554192	-1.80443	5.51171	9.07567	1.46366	1
cg10018105	0.536206	0.91072	-1.09803	0.000882219	0.475118	-2.10474	0.497753	1.10824	1.10824	0.285215	1.18025	1.18025	5.44384	1.9219	0.313815	1
cg09808606	0.361164	1.39213	1.39213	0.155628	1.70825	1.70825	0.0892609	0.51663	-1.93562	0.384872	0.73052	-1.36889	5.05949	9.95362	1.74873	1
cg07747521	0.27849	0.714711	-1.39917	0.279164	0.715074	-1.39846	0.419351	1.27882	1.27882	0.849928	0.945105	-1.05808	3.56119	5.01089	1.25074	1
cg22505746	0.716493	1.06442	1.06442	2.08E-05	0.230028	-4.3473	0.921539	0.983277	-1.01701	0.605052	1.09341	1.09341	10.879	5.04895	0.412535	1
cg06208270	0.368997	1.28122	1.28122	0.434409	1.23889	1.23889	0.00153159	3.40355	3.40355	0.10584	1.60713	1.60713	4.98076	5.69061	1.01557	1
cg11717597	0.642584	1.17441	1.17441	0.185156	0.616704	-1.62152	0.00162771	4.72549	4.72549	0.492194	1.27118	1.27118	4.81902	9.03074	1.66576	1
cg02951552	0.0901268	0.573511	-1.74364	0.00175322	0.26516	-3.7713	0.0238234	0.448052	-2.23189	0.0996579	0.584418	-1.7111	4.67464	6.55995	1.24738	1
cg00660163	0.162688	0.783572	-1.27621	0.000720344	0.430802	-2.32125	0.0409396	0.679717	-1.4712	0.689077	0.936302	-1.06803	4.65835	1.97579	0.377013	1
cg26396535	0.429636	0.854417	-1.17039	0.047504	0.642509	-1.5564	0.483314	0.870205	-1.14915	0.0072457	0.508593	-1.96621	4.32724	2.60998	0.536134	1
cg16549043	0.0829685	0.356454	-2.80541	0.00480794	0.133929	-7.46663	0.0130471	0.191112	-5.23252	0.0906352	0.367232	-2.72307	4.28825	19.6106	4.06498	1
cg15685922	0.070846	0.615175	-1.62555	0.0196031	0.507217	-1.97154	0.171712	1.41939	1.41939	0.0103792	0.459786	-2.17492	4.19214	3.84705	0.815717	1
cg13301155	0.376365	0.879459	-1.13706	0.00129202	0.515077	-1.94146	3.86E-05	0.327564	-3.05284	0.042983	1.39032	1.39032	13.9367	4.41905	0.28185	1
cg10534507	0.00193527	2.42567	2.42567	0.00259417	0.430369	-2.32359	5.70E-05	4.52344	4.52344	0.0348479	1.64349	1.64349	13.7315	8.87462	0.574485	1
cg11235741	6.44E-05	4.89176	4.89176	0.482249	0.856944	-1.16694	0.0740884	1.53766	1.53766	0.00934955	2.03909	2.03909	9.12358	6.75169	0.657802	1
cg09073799	0.051988	1.95559	1.95559	0.673523	1.13718	1.13718	0.134231	1.63219	1.63219	0.0104749	2.65756	2.65756	6.32719	9.22214	1.29559	1
cg10283707	0.00365608	0.751221	-1.33117	0.0420282	0.843241	-1.1859	0.281579	0.921789	-1.08485	0.0139485	1.24732	1.24732	6.31413	0.529607	0.0745568	1
cg04588550	0.0171579	1.29061	1.29061	0.464746	0.936738	-1.06753	0.0278253	0.795845	-1.25653	0.062292	0.831671	-1.2024	3.62106	0.442437	0.108609	1
cg23530105	5.25E-06	0.193739	-5.16159	0.117482	1.30996	1.30996	0.998524	1.00029	1.00029	0.116186	1.31143	1.31143	16.7638	6.69543	0.355021	1
cg02895724	0.0859795	1.49178	1.49178	0.000244187	0.278549	-3.59004	0.00547738	2.15971	2.15971	0.376074	0.825727	-1.21105	9.05277	6.37134	0.625601	1
cg18088775	0.115531	0.831316	-1.20291	0.108314	0.827647	-1.20824	0.0217608	1.34635	1.34635	0.00192363	1.60664	1.60664	6.96556	1.28635	0.164154	1
cg01307891	0.561613	0.960667	-1.04094	0.204954	0.912612	-1.09576	0.134114	0.895424	-1.11679	0.0280847	1.19406	1.19406	3.61262	0.267475	0.0658124	1
cg19151263	0.581689	1.04736	1.04736	0.590099	1.04626	1.04626	0.117868	0.868307	-1.15167	0.0546732	1.19871	1.19871	3.51065	0.384476	0.0973486	1
cg16401346	0.204132	1.49374	1.49374	0.832628	0.939722	-1.06414	?	?	?	0.270287	0.710342	-1.40777	19.0286	19.2465	0.86696	1
cg11841652	2.08E-05	0.447807	-2.2331	9.92E-09	0.114194	-8.75702	4.68E-09	0.0919571	-10.8746	0.000167529	0.549071	-1.82126	215.292	29.8539	0.123259	1
cg12706938	0.25937	0.751108	-1.33137	0.255276	0.749092	-1.33495	0.00514435	2.4567	2.4567	0.000133776	5.00302	5.00302	9.31823	8.73158	0.832926	1
cg10073349	0.269811	0.875163	-1.14264	7.99E-05	0.437457	-2.28594	0.871718	0.981422	-1.01893	0.569854	0.935527	-1.06892	7.80917	1.6655	0.189577	1
cg09418267	0.31514	0.848177	-1.179	0.0183715	0.635348	-1.57394	0.797915	1.04152	1.04152	0.765245	1.04862	1.04862	6.54492	2.6052	0.353821	1
cg10592521	0.555113	0.797343	-1.25416	0.180699	0.58317	-1.71476	0.00474772	4.14878	4.14878	0.458638	0.751026	-1.33151	4.46522	10.1804	2.02661	1
cg25243321	0.785588	1.05519	1.05519	0.92668	0.982031	-1.0183	0.716032	1.07462	1.07462	0.981256	1.00464	1.00464	4.27749	2.62922	0.546367	1
cg15564590	0.0605019	0.813778	-1.22884	0.0342042	1.27197	1.27197	0.523195	1.06502	1.06502	0.0224386	1.30506	1.30506	4.13008	0.619986	0.133435	1
cg02614657	0.539544	0.709862	-1.40872	0.0150223	0.1922	-5.20291	0.66899	1.2678	1.2678	0.415415	1.5829	1.5829	3.50829	16.9128	4.28517	1
cg16010385	0.155405	0.415659	-2.40582	0.0307044	0.230895	-4.33097	0.107503	2.75765	2.75765	0.487958	0.665712	-1.50215	3.45023	18.2221	4.6946	1
cg13981838	9.07E-05	0.440005	-2.2727	2.75E-06	0.266965	-3.74581	0.230281	0.862721	-1.15912	0.000898766	0.558173	-1.79156	41.4241	9.03084	0.193786	1
cg19255991	0.0316451	0.626906	-1.59514	0.00184842	0.440758	-2.26882	0.308351	0.822492	-1.21582	0.800752	0.954212	-1.04799	18.5347	10.0836	0.483591	1
cg22038409	0.0844792	0.632399	-1.58128	0.109371	0.657596	-1.52069	0.476289	1.18995	1.18995	0.0831821	0.630929	-1.58496	12.7564	11.6483	0.811677	1
cg12801082	0.234823	1.55094	1.55094	0.000350388	0.131985	-7.57662	0.627461	1.1881	1.1881	0.0134047	0.339846	-2.94251	11.9697	23.5466	1.74861	1
cg14422179	7.60E-05	0.345021	-2.89838	0.753964	1.04774	1.04774	0.174956	1.23858	1.23858	0.811563	0.965197	-1.03606	11.896	4.14432	0.309671	1
cg23710731	0.0710363	0.611937	-1.63415	0.100181	1.5506	1.5506	0.773259	1.07288	1.07288	0.0470426	0.574922	-1.73937	5.42431	5.09495	0.834915	1
cg16267059	0.12864	0.739499	-1.35227	0.00544067	0.510669	-1.95822	0.169583	0.764241	-1.30849	0.693806	0.92987	-1.07542	3.7626	2.01226	0.475383	1
cg03788666	0.0874841	1.19908	1.19908	0.00903185	0.726584	-1.3763	0.022838	0.769416	-1.29969	0.581293	1.05507	1.05507	6.62098	0.971209	0.130388	1
cg07002382	0.014108	0.261886	-3.81845	0.284997	0.611917	-1.63421	0.945092	1.03093	1.03093	0.167445	1.91707	1.91707	4.37187	13.5436	2.75369	1
cg04236263	0.00123043	0.453908	-2.20309	0.0050258	1.85935	1.85935	2.14E-05	0.239479	-4.17574	0.00194385	0.480677	-2.0804	24.9878	11.054	0.393222	1
cg10201923	0.00475926	0.205364	-4.8694	0.00197183	0.157765	-6.33855	0.0387926	0.364052	-2.74686	0.00337352	0.185667	-5.38598	9.91617	28.0092	2.51075	1
cg19306948	0.00152078	0.373222	-2.67937	0.048534	0.614786	-1.62658	0.0324322	0.582409	-1.71701	0.0226384	0.554789	-1.80249	8.44699	6.23441	0.656057	1
cg12695612	0.00357926	0.206851	-4.83441	0.00475651	0.223769	-4.4689	0.119343	0.509147	-1.96407	0.00805526	0.257799	-3.87899	8.19947	20.7124	2.2454	1
cg17744878	0.010537	0.321887	-3.10668	0.0251279	0.391302	-2.55557	0.196628	0.618231	-1.61752	0.0373442	0.42692	-2.34236	6.19701	12.1779	1.74678	1
cg05055766	0.0474415	2.63883	2.63883	0.0500861	2.60107	2.60107	0.0828581	0.439644	-2.27457	0.196587	1.79361	1.79361	6.12401	17.7587	2.57764	1
cg02574421	0.0563545	1.9801	1.9801	0.0119043	0.370691	-2.69767	0.686472	0.879595	-1.13689	0.268676	1.43941	1.43941	5.4378	8.60857	1.4072	1
cg04875062	0.270706	0.654211	-1.52856	0.370524	1.4053	1.4053	0.00159731	0.187173	-5.34264	0.0896414	0.500389	-1.99844	4.98611	10.8118	1.92745	1
cg08477744	0.00839421	0.481034	-2.07886	0.00205996	0.389287	-2.5688	0.191243	0.740265	-1.35087	0.0015256	0.370912	-2.69606	9.94321	7.43921	0.66504	1
cg26994023	0.615573	0.920776	-1.08604	0.00220644	0.496844	-2.01271	0.0088748	0.581038	-1.72106	0.22367	0.811868	-1.23173	5.01454	2.11076	0.374158	1
cg06508582	?	?	?	0.00309426	0.211532	-4.72741	0.0167544	3.06598	3.06598	0.223839	1.63294	1.63294	9.50657	19.7073	2.07302	1
cg01590693	0.278333	1.98075	1.98075	?	?	?	0.045001	0.242462	-4.12436	0.0573521	0.266857	-3.74732	3.97741	19.9114	4.38036	1
cg09871980	0.0615391	0.802262	-1.24647	0.0525762	0.794096	-1.25929	0.14406	1.17843	1.17843	0.0954997	1.21117	1.21117	4.28665	0.742979	0.154065	1
cg20435608	0.641242	0.900712	-1.11023	0.214719	1.33782	1.33782	0.435793	0.837636	-1.19384	0.0186202	1.88825	1.88825	3.39861	2.67273	0.699039	1
cg09077340	?	?	?	?	?	?	1.52E-14	8.93478	8.93478	?	?	?	2.83E+13	9.66284	2.27E-13	1
cg13950403	0.0805592	0.754591	-1.32522	0.00117235	0.50057	-1.99772	0.891303	1.02006	1.02006	0.658261	1.06681	1.06681	4.88398	1.63268	0.297148	1
cg00704633	1.36E-05	0.765985	-1.30551	0.000132906	0.823521	-1.2143	0.00230264	0.882644	-1.13296	0.000119641	1.21789	1.21789	51.6183	0.70213	0.012091	1
cg04821107	0.0528307	0.74207	-1.34758	0.113389	0.79175	-1.26303	0.900282	1.01714	1.01714	0.71227	1.05149	1.05149	5.28027	1.53639	0.258638	1
cg13870275	0.698974	1.12556	1.12556	0.31023	0.726441	-1.37657	0.0205477	2.33802	2.33802	0.172606	0.642864	-1.55554	4.81558	7.06594	1.30427	1
cg12769732	0.454074	1.17497	1.17497	0.0113541	1.95456	1.95456	0.18298	1.3482	1.3482	0.331454	1.23599	1.23599	4.28652	3.03511	0.629386	1
cg12081372	0.104267	0.259358	-3.85567	0.0774537	0.22504	-4.44365	0.38843	0.510838	-1.95757	0.371118	0.497647	-2.00946	3.54057	32.3805	8.12938	1
cg05058040	0.801411	1.04312	1.04312	0.00296233	1.98044	1.98044	0.980224	0.995856	-1.00416	0.176906	0.78627	-1.27183	5.96847	2.65283	0.395088	1
cg09606564	0.0555133	0.315641	-3.16816	0.0482329	0.301333	-3.31859	0.00488964	0.137797	-7.25706	0.357374	0.604728	-1.65364	4.16457	18.624	3.97513	1
cg07727884	0.24948	0.633759	-1.57789	0.00323653	0.218293	-4.581	0.0103793	0.2943	-3.3979	0.072546	0.468026	-2.13663	3.75354	8.5362	2.02149	1
cg19543296	0.580331	0.885555	-1.12924	0.422939	1.19498	1.19498	1.93E-05	0.151428	-6.60378	0.77821	1.06338	1.06338	13.2965	9.97431	0.666794	1
cg13679724	0.535599	0.897671	-1.11399	0.488163	1.12884	1.12884	0.047202	1.4781	1.4781	0.752016	0.946912	-1.05606	3.65027	1.71189	0.416867	1
cg01732415	0.0804622	1.19653	1.19653	0.00101279	0.636829	-1.57028	0.0287531	0.78766	-1.26958	0.0841373	1.19344	1.19344	15.1097	2.04931	0.120559	1
cg27111656	0.00823936	0.517265	-1.93324	0.0528297	1.53621	1.53621	0.791113	1.05315	1.05315	0.0129909	1.82448	1.82448	8.7886	5.29641	0.535686	1
cg22588542	0.000223234	0.189522	-5.27642	?	?	?	0.0928409	1.64969	1.64969	0.360194	1.29002	1.29002	8.75759	9.0353	1.03171	1
cg19504888	0.648222	0.852732	-1.1727	0.0109608	0.330481	-3.02589	0.502373	0.789699	-1.2663	0.056555	0.473009	-2.11412	5.11693	9.74815	1.6934	1
cg14540337	0.0013258	0.267934	-3.73226	0.000451751	0.210201	-4.75734	0.000182317	0.167773	-5.96043	0.00108841	0.256744	-3.89494	15.2653	19.2353	1.12006	1
cg10272675	0.141471	1.88114	1.88114	0.150939	0.540754	-1.84927	0.00462597	0.210151	-4.75848	0.879414	0.941765	-1.06184	7.12105	17.2411	1.88311	1
cg18730841	2.13E-05	0.516266	-1.93699	2.34E-07	0.301955	-3.31176	0.846037	1.01513	1.01513	0.433786	1.06362	1.06362	63.5549	6.00234	0.0839496	1
cg07344583	0.0167891	1.25195	1.25195	0.000152612	0.606501	-1.6488	0.370786	0.931684	-1.07333	0.230714	1.10165	1.10165	8.02109	0.753122	0.0834603	1
cg23361275	0.173349	0.811387	-1.23246	0.182501	0.815372	-1.22643	0.115363	0.781169	-1.28013	0.233246	1.1976	1.1976	15.4625	5.0972	0.293022	1
cg09720758	0.15945	0.877154	-1.14005	0.0034055	0.706795	-1.41484	0.739677	1.0295	1.0295	0.0523343	1.21213	1.21213	7.50921	0.903883	0.106996	1
cg01274122	0.0129749	0.573004	-1.74519	0.425917	0.863434	-1.15817	0.916601	1.0191	1.0191	0.0596674	1.46791	1.46791	5.68487	2.93685	0.459207	1
cg11784887	0.0720157	0.202099	-4.94806	0.0162279	0.0962362	-10.3911	0.129538	0.271416	-3.68438	0.0152887	0.0933643	-10.7107	4.60768	46.2671	8.9256	1
cg00195828	0.462082	0.803686	-1.24427	0.00189633	3.61426	3.61426	0.110357	1.66187	1.66187	0.699066	1.12008	1.12008	4.24511	5.72957	1.19972	1
cg09128169	0.372583	0.757299	-1.32048	0.0736872	0.545796	-1.83219	0.60837	0.854745	-1.16994	0.0403543	0.487149	-2.05276	4.02903	5.88507	1.29837	1
cg26987453	0.0343537	0.238085	-4.20019	0.0176898	0.186846	-5.35201	0.708035	0.803536	-1.2445	0.0554011	0.282951	-3.53419	3.51205	18.8036	4.75913	1
cg20860638	0.195597	1.29315	1.29315	0.163716	1.32254	1.32254	0.447849	1.15542	1.15542	0.717634	0.93457	-1.07001	12.5215	5.98393	0.418156	1
cg22239952	0.173226	1.09513	1.09513	0.000239741	1.46412	1.46412	0.407904	0.948301	-1.05452	0.655751	1.02854	1.02854	9.77071	0.608518	0.0553599	1
cg06069457	0.160957	1.64955	1.64955	0.00035162	0.146663	-6.81838	0.947308	0.97815	-1.02234	0.336188	0.71787	-1.39301	6.32104	11.1852	1.57291	1
cg16446585	0.0735504	1.22166	1.22166	0.54231	1.06386	1.06386	0.780576	0.972363	-1.02842	0.315086	0.900998	-1.10988	3.53933	0.564568	0.141789	1
cg09711970	0.0403897	0.358993	-2.78557	0.200259	0.55687	-1.79575	0.68596	0.838712	-1.19231	0.658801	0.825075	-1.21201	8.82651	26.1724	2.63573	1
cg13726633	0.00570705	0.662877	-1.50858	0.576392	0.937984	-1.06612	0.183417	0.852053	-1.17364	0.585367	1.06448	1.06448	5.55611	1.13226	0.181143	1
cg13450407	0.0019313	0.538873	-1.85573	0.753641	0.956608	-1.04536	0.530368	0.914335	-1.09369	0.218342	0.833237	-1.20014	4.13125	1.29899	0.279494	1
cg20927439	0.0165453	0.434271	-2.30271	?	?	?	0.715473	1.10993	1.10993	0.26431	1.39303	1.39303	4.80491	5.49053	1.14269	1
cg23372422	0.022132	0.606041	-1.65005	0.000975358	2.4486	2.4486	1.55E-05	5.11365	5.11365	0.648689	0.91968	-1.08734	28.928	15.2672	0.469124	1
cg05523254	0.552728	0.965676	-1.03554	0.00102134	0.75337	-1.32737	0.754899	1.01838	1.01838	0.68738	0.976749	-1.0238	12.2134	0.654179	0.047611	1
cg09216381	0.00022709	0.231506	-4.31954	0.0481876	0.583283	-1.71443	0.113051	1.50947	1.50947	0.458776	0.835183	-1.19734	6.68524	6.03501	0.802432	1
cg09820729	0.125343	2.1745	2.1745	0.201523	0.531751	-1.88058	0.0232465	0.280779	-3.56152	0.505975	1.37165	1.37165	4.54122	15.7706	3.08691	1
cg03593358	0.124246	1.5032	1.5032	0.00788971	0.434074	-2.30375	0.0970281	0.640179	-1.56206	0.780008	0.933732	-1.07097	4.35476	4.13567	0.84417	1
cg18184769	0.119483	1.60045	1.60045	0.209936	0.692254	-1.44456	0.0549154	0.545554	-1.833	0.207271	1.44802	1.44802	4.14244	4.51884	1.09086	1
cg13216073	0.121654	0.438491	-2.28055	0.00205194	0.118356	-8.44908	0.640228	0.793522	-1.2602	0.0756777	0.378539	-2.64173	3.77519	14.4329	3.39831	1
cg08543703	0.0588152	1.77575	1.77575	0.0670254	0.575987	-1.73615	0.933263	1.02235	1.02235	0.00384145	0.339624	-2.94443	5.16914	5.58411	0.840217	1
cg01765930	0.363944	1.36894	1.36894	0.0225266	2.5085	2.5085	0.0116291	0.345894	-2.89106	0.00666556	0.305775	-3.27038	11.554	20.7319	1.59498	1
cg11201532	0.978655	1.01024	1.01024	0.147676	1.8063	1.8063	0.0427997	0.411675	-2.4291	0.0526445	0.432321	-2.3131	5.62735	12.9134	2.03979	1
cg22406469	0.42461	0.732823	-1.36459	0.00963399	0.286773	-3.48708	0.00753385	0.269589	-3.70936	0.00646482	0.259293	-3.85663	5.45198	12.5484	2.04588	1
cg25597784	0.117607	0.550543	-1.81639	0.00796036	0.302775	-3.30279	0.269719	0.667894	-1.49724	0.17869	0.605474	-1.6516	3.61499	7.06101	1.73623	1
cg19560971	0.192308	0.751114	-1.33136	0.588537	0.892912	-1.11993	0.137471	0.717676	-1.39339	0.0764972	0.664546	-1.50479	4.89851	3.3367	0.605481	1
cg10904867	0.857067	1.04559	1.04559	0.509083	1.18013	1.18013	0.226497	0.730513	-1.3689	0.842455	1.05044	1.05044	4.4032	4.264	0.860788	1
cg16996281	0.47936	0.812356	-1.23099	0.149478	1.56308	1.56308	0.905555	0.966279	-1.0349	0.699527	0.893969	-1.11861	4.00393	5.2965	1.17585	1
cg01027101	0.00477042	1.14635	1.14635	0.000538882	0.821835	-1.21679	0.0541425	0.923415	-1.08294	0.0112064	1.12283	1.12283	13.5708	0.285631	0.0187088	1
cg01872779	0.00430571	0.694728	-1.43941	0.308033	0.904224	-1.10592	0.384663	1.08877	1.08877	0.0546529	1.23121	1.23121	3.9255	0.566054	0.128177	1
cg18179964	0.596632	1.10846	1.10846	0.102719	0.70878	-1.41087	0.154768	1.34125	1.34125	0.198398	0.769475	-1.29959	10.5016	6.18193	0.523258	1
cg21882157	0.00239573	0.329116	-3.03844	0.0793868	0.599595	-1.66779	0.874391	1.04243	1.04243	0.415572	0.803662	-1.2443	6.75531	7.38177	0.971322	1
cg20500551	6.10E-05	0.240597	-4.15633	0.0168128	0.570318	-1.75341	0.410373	1.17591	1.17591	0.0178859	0.574651	-1.74019	26.4137	15.4994	0.521594	1
cg15548427	0.00181533	0.200519	-4.98706	0.00014053	0.0923704	-10.826	0.00045669	0.135241	-7.39422	0.003826	0.243386	-4.1087	18.0763	37.6034	1.84912	1
cg03539313	0.778907	1.03007	1.03007	6.74E-05	0.463838	-2.15593	0.0992364	0.826767	-1.20953	0.00301168	0.651725	-1.53439	10.9148	1.91547	0.155993	1
cg05278454	0.379171	1.32316	1.32316	0.105501	0.577583	-1.73135	0.0359335	2.13276	2.13276	0.308426	0.72094	-1.38708	8.33947	12.7237	1.3562	1
cg19694978	0.601132	0.900965	-1.10992	0.0408269	0.627009	-1.59487	0.878982	1.03058	1.03058	0.0802524	1.46767	1.46767	8.61153	5.33162	0.550334	1
cg12070152	0.115375	0.748659	-1.33572	0.000119975	0.320772	-3.11748	0.927311	0.984688	-1.01555	0.653898	0.92652	-1.07931	7.85041	3.55568	0.402604	1
cg13181052	0.0250296	0.55696	-1.79546	0.20539	1.34082	1.34082	0.754827	0.933545	-1.07119	0.232618	1.31623	1.31623	6.72166	5.12989	0.678389	1
cg15978014	0.00521487	0.594838	-1.68113	0.176583	0.816723	-1.22441	0.0380201	1.4035	1.4035	0.0299213	1.43333	1.43333	4.58476	1.44221	0.279614	1
cg23962483	0.731486	1.04795	1.04795	0.0709634	1.31559	1.31559	0.170622	1.21944	1.21944	0.393504	1.12619	1.12619	4.54638	1.33109	0.260249	1
cg10572624	0.0582986	1.36288	1.36288	0.781285	1.04109	1.04109	0.585942	0.923498	-1.08284	0.0829085	0.757425	-1.32026	4.36789	1.44829	0.294735	1
cg01058711	0.529034	0.90308	-1.10732	0.00342496	1.88828	1.88828	0.136826	1.292	1.292	0.0445461	0.691597	-1.44593	3.65232	1.47815	0.359747	1
cg15616998	0.00562518	0.33856	-2.95368	0.117288	0.602322	-1.66024	0.330992	0.741636	-1.34837	0.136553	0.62005	-1.61277	3.60471	5.06954	1.2501	1
cg01869896	0.0334928	2.25816	2.25816	0.0719696	1.93212	1.93212	0.0137014	2.71702	2.71702	0.701491	1.13461	1.13461	3.44472	5.86599	1.51368	1
cg18885365	0.788906	1.06833	1.06833	0.0225598	0.510287	-1.95968	0.125406	0.664629	-1.5046	0.58322	1.14624	1.14624	3.60179	3.46088	0.854115	1
cg03480346	0.00268894	0.30162	-3.31543	2.34E-06	0.0360626	-27.7295	4.64E-05	0.108425	-9.22295	0.0528363	0.529437	-1.8888	34.0778	45.0648	1.17548	1
cg08134053	0.144307	1.18951	1.18951	0.0710246	0.799976	-1.25004	0.0159033	0.72126	-1.38646	0.621677	1.05659	1.05659	18.1582	3.52147	0.172385	1
cg12810402	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19572014	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25044817	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12565126	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21129641	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09906061	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22200551	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-p-value|1047 vs. N)	Fold-Change(1-p-value|1047 047 vs. N)	Fold-Change(1-p-value|105T vs. N)	Fold-Change(1-p-value|105T 057 vs. N)	Fold-Change(1-p-value|111T vs. N)	Fold-Change(1-p-value|111T 117 vs. N)	Fold-Change(1-p-value|112T vs. N)	Fold-Change(1-p-value|112T 127 vs. N)	Fold-Change(1-p-value|121T vs. N)	Fold-Change(1-p-value|121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(1-p-value|347T 347 vs. N)	p-value(353T vs. N)	Fold-Change(1-p-value|353T 353T vs. N)	p-value(537T vs. N)	Fold-Change(1-p-value|537T 537T vs. N)	p-value(563T vs. N)	Fold-Change(1-p-value|563T 563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg19805311	MFSD2B	0.00821496	1.585263	1.097221	-1.493321	0.000190475	2.272242	2.272242	0.05581543	0.7066655	-1.41512	0.69428	1.066515	0.9087755	1.01877	1.018777	0.830027	0.965741	-1.03547	0.08258803	0.733049	-1.36417	0.072136	1.07147	1.071147	0.60279	1.08939	0.29139	2.62002	0.370174	1
cg18958202	MFSD2B	0.01235589	0.109067	0.707214	-1.414	0.00128099	0.394229	-2.5366	0.01382454	1.82789	1.82789	0.198902	0.763637	-1.30952	0.583322	1.13147	1.13147	0.182001	1.32423	1.32423	0.224194	1.28804	1.28804	0.707077	1.07771	1.07771	0.185547	0.750722	-3.12088	5.62039	3.4361	0.553277	1
cg19273694	MFSD2B	0.01468159	0.644799	1.21662	1.21662	0.04364442	2.66374	2.66374	0.30168	1.57143	1.57143	0.954969	0.97643	-1.02414	0.01976662	0.304542	-3.28362	0.144399	1.93918	1.93918	0.00299206	5.58407	5.58407	0.00733925	4.30511	4.30511	0.6660052	1.2013	1.2013	5.21705	14.7418	2.51174	1
cg14243353	MFSD2B	0.03801558	0.045402	0.285459	-3.50313	0.00695933	0.30981	-3.22729	0.01488992	0.217464	-5.63496	0.814011	-1.64576	1.14576	0.00634772	0.128545	-7.77929	0.04778532	0.2707	-3.69413	0.01335316	0.238386	-4.19488	0.69851	0.798715	-1.25199	0.07670563	0.320804	-3.11659	3.75256	19.81	4.6932	1
cg21356710	MFSD2B	0.03937349	0.323153	0.76572	-1.30596	0.00837402	2.41371	2.41371	0.1618184	1.46837	1.46837	0.374251	0.787753	-1.26943	0.145685	0.664564	-1.50475	0.946057	0.982456	-1.01786	0.0276127	1.97646	1.97646	0.241936	1.37764	1.37764	0.131088	0.652793	-1.53188	3.69216	4.00108	0.963261	1
cg13293296	MFSD2B	0.04058892	0.03249006	0.716752	-1.39518	0.00424432	1.37068	1.37068	0.02005555	0.688898	-1.44949	0.127501	0.803114	-1.24515	0.09093626	0.780544	-1.28156	0.109395	0.792755	-1.26242	0.749224	0.958227	-1.04359	0.280936	1.1608	1.1608	0.199323	0.833636	-1.19956	3.66334	1.02704	0.249207	1
cg25929589	MFSD2B	0.0481017	0.0967564	0.548109	-1.82445	0.8279916	0.930719	-1.07444	0.491178	0.794045	-1.25938	0.302068	1.42277	1.42277	0.056194	0.490065	-2.04054	0.304815	0.704357	-1.41973	0.693681	1.13946	1.13946	0.00385236	3.61237	3.61237	0.841238	1.06838	1.06838	3.43822	5.92303	1.53129	1
cg07680277	MFSD3	8.16E-05	0.392044	1.13676	1.113676	0.00945051	1.61739	1.61739	0.01326206	1.5347	1.5347	1.52E-06	5.50751	5.50751	0.829818	1.031937	1.031937	0.000105063	2.44059	2.44059	0.4221621	1.12732	1.12732	0.151702	1.24498	1.24498	0.00110145	2.04007	2.04007	23.3737	7.91066	0.500838	1
cg03221776	MFSD3	0.00044245	0.0105923	0.663648	-1.50683	0.0737073	1.28953	1.28953	0.00504476	0.6059	1.6059	0.000149282	2.29554	2.29554	0.716269	1.04765	1.04765	0.062314	1.30685	1.30685	0.611654	0.936784	-1.06748	0.192846	0.838808	-1.19217	8.00E-05	2.48063	14.7827	3.80851	0.229007	1
cg09372546	MFSD3	0.00060154	0.00665144	0.496275	-2.01501	0.00425047	2.14082	2.14082	0.00818415	1.96048	1.96048	0.0292418	1.66703	1.66703	0.000213959	0.292305	-3.42108	0.935932	0.984133	-1.01612	0.00657016	0.495463	-2.01832	0.0243807	1.70522	1.70522	0.576345	1.11885	1.11885	13.5741	8.50887	0.557196	1
cg17958180	MFSD3	0.00254149	0.0394609	0.777339	-1.28635	0.00483383	1.59678	1.59678	0.00776208	1.54308	1.54308	1.47901	1.47901	0.693734	1.066365	1.066365	0.2442139	0.927902	0.990477	-1.00961	0.4974569	1.129594	1.129594	0.107551	0.939581	1.51435	0.000936572	1.685443	1.685443	9.98837	1.59126	0.157365	1
cg23413007	MFSD3	0.00521168	0.0140216	0.664989	-1.50378	0.673079	0.944529	-1.05873	0.083609	0.772974	-1.29311	0.910645	-1.09812	0.751173	0.958122	-1.04371	0.010964	0.650977	-1.53615	0.000136129	4.115819	0.243008	0.477143	0.90737	-1.10209	0.303843	1.15397	1.153897	7.24617	2.07542	0.254592	1
cg00010066	MFSD3	0.0142158	0.00583843	0.648727	-1.54186	0.5215594	0.934805	-1.07056	0.956662	1.00578	1.00578	0.015156	0.728551	-1.37259	0.081985	1.22699	1.22699	0.780218	0.907944	1.10214	0.153569	1.182762	1.182762	0.141597	1.17587	1.17587	0.2419869	1.13938	1.13938	0.8202227	1.03445	1.02446	1.88905	0.605758	0.158622	1
cg01090613	MFSD3	0.0457882	0.132138	1.33764	1.33764	0.2770252	1.2243	1.2243	0.00145914	2.27699	2.27699	0.7731196	1.05309	1.05309	0.543318	0.895717	-1.11642	0.308763	1.20752	1.20752	0.751915	0.944811	-1.05841	0.212763	0.79064	-1.2648	0.65133	0.92179	-1.08485	3.50265	1.77767	0.45113	1
cg20146105	MFSD4	0.00287249	0.0118841	0.463175	-2.15901	0.2682047	0.753778	-1.32665	0.0560615	0.588356	-1.69966	0.4026031	0.810619	-1.23363	0.000140023	0.199525	-5.01189	0.443093	0.825752	-1.21128	0.2020692	0.946362	-1.06255	0.0554845	1.056386	-1.29009	0.03606779	0.550139	1.671869	8.24905	0.845818	1
cg00711199	MFSD4	0.04995097	0.0355001	0.5951	-1.68045	0.0928023	0.925113	-1.08054	0.1690904	0.836859	-1.19531	0.2424602	0.837642	-1.19402	0.202318	0.844971	-1.18351	0.047587	0.872305	-1.14658	0.0502457	0.950263	-1.05256	0.0107775	0.852252	-1.17323	0.0107775	0.852252	-1.17323	5.14011	5.10965	2.005145	1
cg18271913	MFSD4	0.00863475	0.0662803	0.448405	-2.23013	0.00991426	0.281256	-3.55548	0.335701	0.679408	-1.47187	0.840279	0.18174	0.18174	0.074208	0.460872	-2.1698	0.07887382	0.467562	2.13875	0.000647295	0.130381	-7.66984	0.114825	1.94972	1.94972	0.0186329	0.329378	-3.03602	6.19314	14.8707	2.13436	1
cg12481266	MFSD4	0.00984306	0.108338	0.528426	-1.9215	0.00710592	0.565155	-1.76954	0.00583259	0.296203	-3.37607	0.807353	0.913017	-1.09539	0.525336	0.372827	-2.68221	0.042904	0.419551	-2.3835	0.00205775	0.212322	-4.70983	0.91712	1.04124	1.04124	0.360178	0.704162	-1.42013	5.04058	13.0791	1.95702	1
cg00857531	MFSD4	0.0111138	0.632266	1.581227	-1.13004	0.000871156	0.218845	-4.57008	0.351353	1.275533	1.275533	0.855222	1.04706	1.04706	0.576163	0.866581	-1.15396	0.471293	0.830432	-1.20419	0.0250582	0.508722	-1.96571	0.895092	1.03382	1.03382	0.246413	0.735938	-1.35982	4.03003	4.10676	0.905138	1
cg13177053	MFSD4	0.0499003	0.0698804	0.697578	-1.43353	0.0639197	1.44776	1.44776	0.036035	1.54233	1.54233	0.236732	0.802298	-1.24642	0.631858	0.917804	-1.08956	0.108906	1.36433	1.36433	0.29024	1.21535	1.21535	0.828494	1.0393	1.0393	0.0425139	0.660319	-1.51442	3.3907	1.69544	0.444469	1
cg13188202	MFSD5	0.0133205	0.1133201	0.796276	-1.25581	0.0478414	1.16477	1.16477	0.1960223	1.02356	1.02356	0.416799	1.11587	1.11587	0.040151	1.36833	1.36833	0.15597	1.16683	1.16683	0.0401534	1.72252	1.72252	0.017056	0.797878	-1.25223	0.658492	0.942928	-1.06053	1.89091	1.07729	0.245707	1
cg10779317	MFSD5;MFSD5	0.00236879	0.0021284	0.291806	-3.42693	0.00026427	0.148983	-6.71219	0.00980873	0.393974	-2.53824	0.743639	0.108815	0.108815	0.024824	0.70866	-1.41111	0.029278844	0.312654	3.19842	0.0216505	0.690013	-1.44925	0.187465	0.671074	-1.49015	0.0176304	0.438278	-2.27905	9.17632	11.8302	1.13497	1
cg23835453	MFSD5;MFSD5	0.00407011	0.0021216	0.238446	-4.19325	0.4190855	0.4838	-2.06704	0.0144888	0.256402	-3.90042	0.154427	0.24208	-4.13195	1.496	0.496	0.00148873	0.100906	-9.91025	0.0027437	-10.0824	0.0144772	-6.90775	0.145357	0.2743	-3.64557	-1.18357	0.0218813	0.264444	-3.78157	7.81145	20.5909	3.14397	1
cg27467734	MFSD5;MFSD5	0.0156614	0.0865719	0.699629	-1.42933	0.887778	1.027	1.027	0.840153	1.03884	1.03884	0.00298482	2.15686	2.15686	0.0377902	1.57548	1.57548	0.0918425	1.41936	1.41936	0.0139111	5.663631	-1.77419	0.47729	0.82754	-1.14608	0.559337	1.17184	1.11784	5.10717	2.87996	0.50125	1
cg03744437	MFSD5;MFSD5	0.0221031	0.931539	0.989658	-1.01045	0.5491162	1.07609	1.07609	0.497067	1.08771	1.08771	0.752327	1.03905	1.03905	0.0161898	1.28965	1.28965	0.941998	0.991235	-1.00884	0.0284677	0.608392	-1.64368	0.46564	0.914082	-1.09399	0.00716077	1.522116	1.522116	5.46064	0.511541	0.206083	1
cg22162872	MFSD6	4.08E-05	0.0959455	1.35006	1.35006	0.0928023	2.25013	2.25013	0.109094	1.86353	1.86353	0.0240904	1.36091	1.36091	0.0459858	1.28713	1.28713	0.070657	1.18166	1.18166	0.114555	1.45317	1.45317	0.14778	1.13799	1.13799	0.0094917	1.43721	1.43721	28.0933	5.49992	0.174489	1
cg13412286	MFSD6	0.00125809	0.7939904	0.954666	-1.04771	0.0011339	2.34532	2.34532	0.455364	1.14493	1.14493	0.667203	1.08004	1.08004	0.02833073	0.63074	-1.58544	0.000797672	2.46319	2.46319	0.352098	1.18584	1.18584	0.000328728	2.80844	2.80844	0.00719094	1.85447	1.85447	11.0219	5.531	0.44606	1
cg04343092	MFSD6	0.00195096	0.0001203	0.437484	-2.28571	0.0164344	0.145093	-6.89353	0.0139403	0.144253	1.44253	0.161342	0.840931	-1.18927	0.203047	0.178772	-5.59548	0.170458	0.19812	-5.04801	0.0013002788	0.618343	-1.61843	0.0004997	0.974498	-1.02617	0.545796	1.07864	0.974498	-1.02617	2.58818	0.221935	1
cg02598071	MFSD6	0.00795204	0.126226	0.676211	-1.47883	0.370736	1.24061	1.24061	0.480504	1.1789	1.1789	0.08120758	1.25487	1.25487	0.0163521	0.492566	-2.03018	0.074651	1.68288	1.60288	0.0107717	0.460014	-2.17385	0.607204	1.12896	1.12896	0.8327268	1.0506	1.25785	6.15515	0.658158	1
cg15998761	MFSD6	0.00960085	0.97601	0.991944	-1.00812	0.4464923	1.84666	1.84666	0.994475	1.00186	1.00186	0.183296	1.46199	1.46199	0.0696919	0.57944	-1.72581	0.9606061	1.01338	1.01338	0.000637234	0.243924	-4.09963	0.100634	1.62215	1.62215	0.0641637	0.571473	-1.74986	5.98801	6.86238	1.01869	1
cg02144521	MFSD6	0.026412	0.42821	1.35603	1.35603	0.2110209	1.92911	1.92911	0.444951	1.73687	1.73687	0.1617179	1.73649	1.73649	0.0460233	1.25598	-1.05075	0.100551	0.845814	1.18269	0.0455134	2.196	2.196	0.0178437	1.36791	1.36791	0.592365	1.22569	1.22569	4.27451	0.59844	0.996	1
cg02515445	MFSD6	0.0343881	0.872243	0.97702	-1.02352	0.8587583	1.31547	1.31547	0.0228628	0.67479	-1.48194	0.326383	0.863837	-1.15763	0.812103	0.966186	-1.035	0.209278	1.21067	1.21067	0.0033389118	1.778	1.778	0.96894	1.00572	1.00572	0.6243456	0.931188	-1.0739	1.89187	1.28624	0.293772	1
cg07766220	MFSD6;MFSD6	0.00465305	0.0014256	0.208546	-4.79183	0.0003707	0.184373	-5.42473	0.00760403	0.182051	-5.49231	0.0193032	0.82051	0.82051	0.0193032	0.82051	-1.21847	0.029174247	0.211538	4.72705	0.0011538	0.867025	-1.15357	0.0239773	0.554437	-1.80363	0.0228813	0.264444	-3.78157	7.81145	20.5909	3.14397	1
cg25045115	MFSD6L	0.00538823	0.0604583	2.48805	2.48805	0.0526864	2.58133	2.58133	0.072867	2.36659	2.36659	0.223424	0.576521	-1.73454	0.0445232	2.70016	2.70016	0.009318	3.4375	3.4375	0.000404166	11.2599	11.2599	0.00922609	4.14915	4.14915	0.0137094	3.714	3.714	7.1726	21.0576	2.60963	1
cg21335556	MFSD6L	0.02344443	0.00133495	0.216298	-4.62326	0.0223504	0.407138	-2.45617	0.243127	0.669675	-1.49326	0.0149099	0.374222	-2.67221	508	0.802148	-1.24665	0.807896	0.923145	-1.08325	0.0441453	0.462093	-2.16407	0.0731336	0.518874	-1.92725	0.0746313	0.523104	-1.91926	4.45534	7.60456	1.51719	1
cg05730038	MFSD6L	0.03939771	0.0095643	0.48026	-2.08264	0.0076886	1.83788	1.83788	0.240245	0.66051	-1.51398	0.0453	0.738709	0.256412	0.0014883	1.35252	1.35252	0.042432	0.97447	1.02633	0.7554122	0.941587	0.941587	-1.06204	0.0154925	0.99376	6.39376	0.00393596	7.85611	0.70978	2.87877	0.549313	1
cg19391560	MFSD6L	0.03945846	0.01325656	7.45795	7.45795	0.00791571	0.29499	0.29499	0.129845	2.91865	2.91865	0.266651	2.13315	2.13315	0.0175597	6.63042	6.63042	0.17031	2.60115	2.60115	0.0228429	5.94677	5.94677	0.126123	2.95445	2.95445	0.0424593	4.616	4.616	3.70565	25.1215	6.03249	1
cg02255914	MFSD6L;MFSD6L	0.00973991	0.4486-05	0.252219	-3.96577	0.0329721	0.481389	-2.07758	0.0020614277	0.407244	-2.45553	0.6154858	0.18447	0.18447	0.0008479	0.555124	-1.8013	0.103384	0.727883	1.37355	0.4418269	0.135514	7.37883	0.0001	0.356884	0.804909	-1.24262	0.1144	0.717152	0.804909	-1.24262	2.96112	0.644564	1
cg18432414	MFSD6L;MFSD6L	0.00708907	0.00340463	11.7329	11.7329	0.00914812	21.4489	21.4489	0.267077	2.06583	2.06583	0.0293562	2.14201	2.14201	0.0161864	6.12524	6.12524	0.0688788	2.52135	2.52135	0.0147966	6.39245	6.39245	0.0035544	5.53544	5.53544	0.0311184	6.70539	6.70539	6.58908	39.1022	5.38699	1
cg05671702	MFSD7	5.98E-06	0.00451171	0.629707	-1.58804	0.000239394	0.475657	-2.10236	2.88E-06	0.254901	-3.92309	0.647717	0.945335	-1.05783	1.20E-06	0.215658	-4.63698	7.59E-06	0.300567	-3.32705	1.04E-05	0.315625	-3.16832	0.00257069	6.600023	-1.6666	0.000136546	0.44645	-2.23989	46.3536	10.9614	0.210198	1
cg18244487	MFSD7	2.24E-05	0.0013344	0.152251	-6.56707	0.0004704634	0.1475	-6.78134	0.0007758	0.000204177	0.407244	-2.45553	0.6154858	0.18447	0.18447	0.0008479	0.555124	-1.8013	0.103384	0.727883	1.37355	0.4418269	0.135514	7.37883	0.0001	0.356884	0.804909	-1.24262	0.1144	0.717152	0.804909	-1.24262	2.96112	0.644564	1
cg01353064	MFSD7	3.45E-05	0.2.16E-05	0.158582	-6.30589	0.000477045	0.306533	-3.26229	4.63E-05	0.190497	-5.24942	0.148476	1.3968	1.3968	9.94E-05	0.221537	-4.51391	0.002364911	0.400797	-2.49503	2.10E-05	0.157353	-6.35513	0.938561	1.01676	1.01676	0.000284101	0.278488	1.52216	1.52216	6.70539	4.58008	0.193222	1
cg02180633	MFSD7	0.00023006	0.6020921	1.410967	1.410967	0.0240476	0.800676	-1.24994	0.0001624	0.709485	1.4094	0.0001312348	2.62855	2.62855	0.0104904	1.86091	1.86091	0.0049858	1.28713	1.28713	0.070657	1.18166	1.18166	0.114555	1.45317	1.45317	0.147778	1.13799	1.13799	0.0094917	1.43721	1.43721	28.0933	5.49992	0.174489	1
cg23143502	MFSD7	0.00043503	0.0001289	0.198276	-5.04346	0.0290148	0.534821	-1.86979	0.00620982	0.419971	-2.38111	0.922903	1.02382	1.02382	0.000233697	0.226376	-4.41041	0.000653802	0.280737	-3.56206	0.000180971	0.214248	-4.66748	0.279577	0.760831	-1.31435	0.6253308	0.887207	-1.12713	1.48519	13.9086	0.83243	1
cg05827190	MFSD7	0.00056516	0.0004853	0.171539	-2.68213	0.0114546	0.540869	-1.56081	0.0014504	0.124468	-8.03432	0.000218368	0.193832	-5.15632	0.0269434	0.499231	-2.00311	0.000145	0.1312	0.02004548	0.492213	0.144952	-6.89757	-2.545	0.000833196	0.248544	-4.02344	0.141293	0.552623	0.248544	-4.02344	3.65284	0.489841	1
cg07088226	MFSD7	0.00078727	0.0193042	0.684939	-1.45998	0.0371979	0.629154	-1.58943	2.10E-05	0.318082	-3.14384	0.008859	0.514384	0.008859	0.514384	0.008859	-1.94521	0.018407	0.681961	-1.46636	0.460346	1.10562	1.10562	0.521006	1.04652	1.04652	0.078906	-4.26733	12.589	3.55748	0.251188	1
cg09763814	MFSD7	0.01008668	0.00331445	0.550409	-1.81683	0.290319	0.848882	-1.17802	0.05967	1.37338	1.37338	0.0316637	0.686548	-1.45656	0.846443	0.97147	-1.02937	0.922401	0.98556	-1.01465	0.0021071	0.524371	-1.90705	0.881108	0.977904	-1.02259	0.023192	0.666858	-1.49957	5.89429	2.0806	0.313765	1
cg14876761	MFSD7	0.01680855	0.00475447	0.213179	-4.69	0.1122089	1.92911	1.92911	0.444951	1.73687	1.73687	0.1617179	1.73649	1.73649	0.0460233	1.25598	-1.05075	0.100551	0.845814	1.18269	0.0455134	2.196	2.196	0.0178437	1.36791	1.36791	0.592365	1.22569	1.22569	4.27451	0.59844	0.996	1
cg23681017	MFSD7	0.0176725	0.344912	1.47594	1.47594	0.420963	0.719646	-1.38957	0.0047502	0.223016	-4.48398	0.160123	0.548855	-1.82197	0.00711796	0.248785	-4.01953	0.318649	1.51051	1.51051	0.0450382	0.398369	-2.51024	0.822348	0.913939	-1.09416	0.00944348	0.268095	-3.73002	4.9053	12.4409	2.25442	1
cg24695932	MFSD7	0.00269523	0.0265923	0.336188	3.14328	0.258144	2.16028	2.16028	0.078708	1.4421	1.4421	0.280576	0.68003	-1.47078	0.0582001	0.404389	-2.47189	0.244508	2.21529	2.21529	0.0093373	18.0218	18.0218	0.0058221	9.84735	9.84735	0.0214298	6.05723	6.07313	4.2443	24.4362	5.99731	1
cg06769258	MFSD7	0.0301453	0.0706664	0.477672	-2.09349	0.712401	0.882485	-1.13127	0.0078558	0.195827	-5.10654	0.0958442	0.512213	-1.95231	0.2441186	0.409422	-2.44636	0.274057	0.65949	-1.51632	0.00574027	0.260974	-3.75976	0.671816	0.831419	-1.2241	0.08304656	0.495624	2.01766	4.07983	8.84432	1.88338	1
cg02096793	MFSD7	0.0114945	0.0877018	2.63888	2.63888	0.359007	1.52505	1.62505	0.605206	0.764561	-1.30736	0.444895	1.4932	1.4932	0.0587087	3.00198	3.00198	0.0402209	1.38784	1.38784	0.0344902	7.72586	7.72586	0.00804794	5.74132	5.74132	0.0897103	2.61964	2.61964	0.4088	16.8593	3.73096	1
cg04820911	MFSD7	0.00183012	0.0438443	0.305992	-3.26825	0.0076488	0.422545	-2.36516	0.0078559	0.182257	-5.48955	0.0167467	0.541457	-1.84752	0.0179435	0.413726	-2.41697	0.181265	0.724016	1.38119	0.0133852	0.506839	-1.97305	0.111693	0.674232	-1.48317	0.0259313	0.765373	1.30605	1.30605	0.1866	0.708868	1.41088	1
cg19427345	MFSD7	0.04178513	0.5429391	1.28545	1.28545	0.0804601	0.453563	-2.20477	0.406137	0.707128	-1.41417	0.276554	1.58644	1.58644	0.151799	0.534659	-1.87035	0.09883388	0.478098	-2.09162	0.00326194	0.194862	-5.13184	0.233343	1.66451	1.66451	0.4079556	1.32386	1.32386	3.6242	9.54396	2.3408	1
cg01703447	MFSD8	0.00718447	0.0114455	0.552524	-1.80898	0.799064	0.933302	-1.04899	0.2682866	0.88559	-1.12933	0.412136	1.17025	1.17025	0.0215333	0.596281	-1.67706	0.950776	1.01164	1.01164	0.0133445	0.947535	-1.05539	0.0003929	0.432691	-2.31112	0.56164	1.65284	0.949481	-1.05309	2.68361	0.494841	1
cg00488718	MSH6;C4orf29		7.91E-08	0.0009281	3.64759	7.81E-07	0.08196	3.08196	7.81E-06	2.29657	2.29657	1.19E-09	13.0662	13.0662	0.2369525	2.11083	2.11083	0.0084291	2.33026	2.33026	0.0003330056	0.611536	-1.63523	0.000841565	1.53107	1.53107	0.0034108	1.40151	1.69127	15.911	0.101292	1
cg03869658	MSH6;C4orf29		0.00200106	0.786503	0.865337	-1.15562	0.000115954	36.582	36.582	0.00453127	7.49994	7.49994	7	7	7	0.16632	0.45553	-2.19524	0.244173	0.522503	-1.91386	7	7	0.854443	1.10278	1.10278	0.9798643	0.986645	-1.01354	0.10363	35.4387	3.99569	1
cg00482087	MSH6;C4orf29		0.00211226	4.07E-05	24.5739	0.1122089	1.92911	1.92911	0.444951	1.73687	1.73687	0.1617179	1.73649	1.73649	0.0460233	1.25598	-1.05075	0.100551	0.845814	1.18269	0.0455134	2.196	2.196	0.0178437	1.36791	1.36791	0.592365	1.22569	1.22569	4.27451	0.59844	0.996	1
cg00825892	MSH6;C4orf29		0.012653	0.229651	1.89626	0.7756075	0.867047	-1.15334	7	7	7	0.0185326	0.215935	-4.63101	7	7	0.00937562	0.062634	0.139674	-7.15952	7	7	0.009375	0.162325	-6.05197	7	7	0.795619	16.5924	2.50256	1
cg12452946	MSH6;C4orf29		0.0025534	0.792535	0.951113	0.2575915	0.931503	1.07393	0.1045554	1.14033	1.14033	0.1417091	1.31481	1.31481	0.0749331	0.685772	-1.45821	0.007237102	0.138137	-7.23577	0.0088234	0.188535	1.88535	0.0077864	1.11284	1.11284	0.8754939	1.03028	1.03028	0.8328453	1.08264	0.969	1
cg19284510	MSH6;C4orf29;C4orf29		0.00059895	0.538816	0.898657	-1.11277	0.248333	1.23026	1.23026	0.733012	0.942899	-1.06056	0.795033	1.04572	1.04572	0.608318	0.915066	-1.09282	0.901728	1.02144	1.02144	5.45E-06	0.171101	-5.8445	0.110585	0.741887	-1.34791	0.865372	1.02957	1.02957	13.5905	6.34669	0.415107	1
cg03883519	MSH6;C4orf29;C4orf29		0.00816645	0.780599	0.94851	-1.05451	0.847314	0.964023	-1.03732	0.075625	0.686673	-1.4563	0.973926	0.993737	-1.0063	0.652517	0.917456	-1.08997	0.178803	0.762249	-1.31101	0.00232096	0.313132	-3.19354	0.485413	0.873943	-1.14424	0.0205702	1.69932	1.69932	0.310314	3.60654	0.508606	1
cg11807599	MSH

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg00115747	MGAT5B;MGAT5B	0.0248901	0.164796	1.62822	1.62822	0.000595488	5.71754	5.71754	0.13169	1.70793
cg11088706	MGAT5B;MGAT5B	0.0293107	0.108354	1.38212	1.38212	0.643476	1.08993	1.08993	0.0043435	0.494536
cg20830565	MGC102966	0.00257321	0.528172	0.870755	-1.14843	0.00058028	0.315891	-3.16565	0.00501371	0.447541
cg03171651	MGC102966	0.00737826	0.0652096	0.582878	-1.71562	0.988491	0.996246	-1.00377	0.0711477	0.591189
cg00580340	MGC12982	0.000319735	0.718327	0.965124	-1.03614	5.35E-05	2.09324	2.09324	0.00017449	1.8668
cg05658236	MGC12982	0.00369193	0.274119	0.701969	-1.42456	0.34039	0.736734	-1.35734	0.17029	1.57481
cg08892370	MGC12982	0.00708654	0.887279	1.04054	1.04054	0.569667	0.851293	-1.17468	0.195559	1.46748
cg05402131	MGC12982	0.0121222	0.490574	0.92107	-1.08569	0.0426796	1.31517	1.31517	0.057662	1.28663
cg18595867	MGC12982	0.0135307	0.086462	2.23685	2.23685	0.0470804	2.62741	2.62741	0.247402	1.67214
cg23659056	MGC12982;FOXD2	0.000226119	0.0012167	0.281197	-3.55623	0.000293404	0.205751	-4.86025	0.248803	0.72396
cg26518431	MGC12982;FOXD2	0.00194107	0.00692947	0.359401	-2.78241	0.0145121	0.414001	-2.41545	0.0117591	0.397902
cg24114899	MGC12982;FOXD2;FOXD2	0.000121741	0.925532	1.01246	1.01246	0.000566195	0.492809	-2.02918	0.471124	1.10199
cg27009691	MGC13005	0.0294909	0.714169	0.936596	-1.0677	0.0277469	0.629232	-1.58924	0.240702	0.803549
cg08694149	MGC13005	0.0349657	0.0948742	0.500661	-1.99736	0.0280692	0.37612	-2.65872	0.283223	0.656887
cg01258503	MGC13005	0.0446289	0.0572505	0.446532	-2.23948	0.00244229	0.205835	-4.85826	0.117962	0.529236
cg01154658	MGC13005;MGC13005	0.00145426	0.0706104	1.49226	1.49226	0.000191938	0.288089	-3.47115	0.0757681	0.675991
cg15696973	MGC13005;MGC13005	0.00417806	0.0152369	0.299259	-3.34159	0.0186452	0.315232	-3.17227	0.0359779	0.372477
cg23337647	MGC13005;MGC13005	0.00500216	0.0322756	0.486781	-2.05431	0.00104277	4.02985	4.02985	0.293065	1.3678
cg19772445	MGC14436;MGC14436	0.00246022	0.0105058	0.528758	-1.89122	0.734127	1.06979	1.06979	0.173248	0.750682
cg06892868	MGC14436;MGC14436	0.00442047	0.000525757	8.27995	8.27995	0.00056747	8.07826	8.07826	0.94265	0.972244
cg09251362	MGC14436;MGC14436	0.0223498	0.00311469	7.38915	7.38915	0.00848088	5.27046	5.27046	0.626982	0.784865
cg16266358	MGC14436;MGC14436	0.0251923	0.396746	1.17877	1.17877	0.656913	0.918764	-1.08842	0.00733523	0.519403
cg16635128	MGC14436;MGC14436	0.0416595	0.0140602	3.11324	3.11324	0.0462047	2.35283	2.35283	0.761141	1.12099
cg08141615	MGC14436;MGC14436;C12orf34	0.0363729	0.0133205	0.476834	-2.09717	0.427979	1.21586	1.21586	0.209936	0.72679
cg19112977	MGC16121	0.0183582	0.158972	0.323506	-3.09113	0.798504	0.8255	-1.21139	0.119895	3.54251
cg24153916	MGC16121	0.0425179	0.251292	0.323078	-3.09523	0.951775	0.944582	-1.05867	0.235859	3.22519
cg15848449	MGC16121	0.0495322	0.124363	0.349428	-2.86182	0.835214	1.14069	1.14069	0.808217	1.16611
cg22753508	MGC16142	0.000248965	0.658758	1.07	1.07	0.0670161	0.731601	-1.36687	0.000188393	0.383348
cg21905711	MGC16142	0.000389284	0.0384423	0.597063	-1.67487	0.000680293	0.327433	-3.05406	0.0301188	0.577865
cg09826857	MGC16142	0.000950176	0.000304477	0.089546	-11.1674	0.00233702	0.174261	-5.73853	0.149873	0.530027
cg10817889	MGC16142	0.00333689	0.0173972	0.55073	-1.81577	0.947833	0.986611	-1.01357	0.161154	0.734704
cg15325704	MGC16275	0.000978261	0.000315968	0.153838	-6.50036	0.000117741	0.115038	-8.69281	0.00310853	0.273236
cg07882831	MGC16275;TTYH2	0.0409836	0.00834345	0.301135	-3.32077	0.61172	0.833388	-1.19992	0.688708	0.86643
cg02632542	MGC16275;TTYH2	0.0486446	0.16256	1.80804	1.80804	0.582016	0.801844	-1.24713	0.783415	0.896323
cg21616243	MGC16384;SLC15A4	0.00113463	0.921602	0.986368	-1.01382	0.00872186	1.59353	1.59353	0.122567	1.26276
cg17288256	MGC16384;SLC15A4	0.00382453	0.223172	0.762426	-1.3116	0.0260402	0.571347	-1.75025	0.0210468	0.555371
cg22040672	MGC16384;SLC15A4	0.0309382	0.345933	0.807235	-1.2388	0.0205753	1.85039	1.85039	0.126637	1.43983
cg26396415	MGC23270	0.000150823	0.234197	1.1278	1.1278	0.0486506	1.24257	1.24257	0.0237506	0.770826
cg03734896	MGC23270	0.00101224	0.26944	0.771599	-1.29601	0.00116323	0.341213	-2.93072	0.0018882	0.370442
cg09919727	MGC23270	0.0177585	0.232033	0.673812	-1.48409	0.733586	1.11361	1.11361	0.0359398	0.463652
cg01875118	MGC23270	0.0185615	0.00352359	0.375956	-2.65988	0.25106	0.743403	-1.34517	0.224061	0.729203
cg07004970	MGC23284;MGC23284	1.98E-06	0.000162665	0.211896	-4.7193	0.00525117	0.411607	-2.4295	4.63E-05	0.156542
cg04176488	MGC23284;MGC23284	0.0162558	0.0178671	0.298982	-3.34468	0.159762	0.532573	-1.87768	0.0348043	0.356361
cg03682568	MGC23284;MGC23284	0.0212784	0.0123351	0.232258	-4.30555	0.0370851	0.321687	-3.10861	0.0155599	0.249064
cg00010046	MGC23284;MGC23284;MVD	0.00501375	0.459586	0.930076	-1.07518	0.0402025	1.25635	1.25635	0.052131	1.23698
cg23815043	MGC23284;MVD;MGC23284	0.00137745	0.364869	1.1176	1.1176	0.000766456	1.83778	1.83778	0.172782	1.18917
cg03202034	MGC23284;MVD;MGC23284	0.0031408	0.0797723	0.565385	-1.76871	0.227271	1.4503	1.4503	0.220381	0.685295
cg27099511	MGC23284;MVD;MGC23284	0.00675217	0.434839	0.85117	-1.17485	0.00818267	0.504416	-1.98249	0.0117212	0.528968
cg26605427	MGC23284;MVD;MGC23284	0.0439847	0.00952947	5.0515	5.0515	0.171202	0.487418	-2.05163	0.641105	1.26057
cg23802887	MGC23284;SNAI3	0.000856741	0.337121	1.26251	1.26251	0.0416063	1.73906	1.73906	0.013905	0.488812
cg10016175	MGC23284;SNAI3	0.0135061	0.972911	0.991104	-1.00898	0.233019	0.719589	-1.38968	0.313374	0.76003
cg00546448	MGC23284;SNAI3	0.0192408	0.534885	0.827782	-1.20805	0.122793	0.604806	-1.65342	0.260265	0.702474
cg06719532	MGC23284;SNAI3	0.0269386	0.0263593	2.33411	2.33411	0.138334	1.67117	1.67117	0.741748	1.1123
cg00930706	MGC23284;SNAI3	0.0284527	0.432378	0.900056	-1.11104	0.0509833	1.33928	1.33928	0.0466381	1.34905
cg04848686	MGC23284;SNAI3	0.0383325	0.0238441	1.86506	1.86506	0.00847489	2.17452	2.17452	0.0290446	0.551713
cg08852035	MGC26597	0.00093658	0.797675	0.924758	-1.08136	0.11475	0.593173	-1.68585	0.000257283	0.160085
cg16683981	MGC26597	0.0124299	0.266738	1.50417	1.50417	0.00489223	0.268257	-3.72777	0.0135499	0.340283
cg04400653	MGC26597	0.017231	0.444256	0.813699	-1.22896	0.028059	1.98545	1.98545	0.0163136	0.460124
cg10435609	MGC27382	8.99E-06	0.322687	0.866349	-1.15427	0.071665	0.753929	-1.32639	0.00408721	0.582077
cg12413606	MGC27382	0.00512316	0.261133	0.605723	-1.65092	0.325433	0.647676	-1.54398	0.0217146	0.307667
cg10838627	MGC27382	0.00725881	0.0912894	0.531445	-1.88166	0.00348033	0.259797	-3.84915	0.00306885	0.252086
cg09464061	MGC2752	0.000526286	0.466797	0.889946	-1.12366	0.0152525	1.59862	1.59862	0.771403	1.04694
cg15539395	MGC2752	0.0094278	0.0299038	0.772225	-1.29496	0.00196292	0.642272	-1.55697	0.105314	0.836072
cg23652859	MGC2752	0.0100779	0.371187	1.77731	1.77731	0.637422	1.34627	1.34627	0.019149	5.90342
cg23487303	MGC2752	0.0116326	0.065497	1.26566	1.26566	0.0387818	1.31351	1.31351	0.00865268	1.4644
cg03567148	MGC2752	0.0229218	0.868238	1.05245	1.05245	0.0987512	1.74602	1.74602	0.364917	1.33193
cg05617300	MGC2752	0.0373196	0.198945	0.819165	-1.22076	0.933261	0.987767	-1.01238	0.477749	1.1119
cg09729155	MGC2889;HRASLS	0.000373038	0.00340614	0.256625	-3.89674	0.000383786	0.144171	-6.93622	0.000247353	0.126442
cg24710320	MGC2889;HRASLS	0.000588649	0.0855636	1.65697	1.65697	0.357332	1.28602	1.28602	0.753875	0.919818
cg13810562	MGC2889;HRASLS	0.00302197	0.55703	1.10028	1.10028	0.000382369	2.49049	2.49049	0.00281352	1.93909
cg12942878	MGC2889;HRASLS	0.0113079	0.0103222	0.172951	-5.78199	0.00314382	0.111686	-8.95366	0.0846275	0.354981
cg04571652	MGC2889;HRASLS	0.0263733	0.0564509	0.262353	-3.81166	0.00650813	0.111811	-8.94367	0.0110426	0.138776
cg13500819	MGC29506	5.55E-05	0.0233705	0.818626	-1.22156	0.136023	0.888104	-1.12599	0.000128724	0.611602
cg27020362	MGC29506	0.00125753	0.00486453	0.487739	-2.05028	0.0933574	0.701215	-1.4261	0.000435235	0.343204
cg18297349	MGC29506	0.0040355	0.0582321	0.477668	-2.0935	0.19237	0.621081	-1.6101	0.0033509	0.252098
cg11623339	MGC29506	0.0211892	0.321974	0.625903	-1.59769	0.0463276	0.351601	-2.84413	0.409863	0.679785
cg14710984	MGC29506	0.025809	0.475896	0.698881	-1.43086	0.0601718	0.350731	-2.85119	0.0359413	0.299406
cg08736680	MGC29506	0.0279433	0.217401	0.60067	-1.66481	0.213614	0.597874	-1.67259	0.0436434	0.402104
cg20566766	MGC29506	0.0307444	0.0299927	0.467126	-2.14075	0.854399	1.0563	1.0563	0.329975	0.741021
cg23996037	MGC34034;MGC34034	7.45E-05	0.76272	1.0331	1.0331	1.60E-05	0.384061	-2.60375	7.78E-05	0.463469
cg27406750	MGC34034;MGC34034	0.000199689	0.0639943	0.854012	-1.17094	7.98E-05	0.582654	-1.71628	9.10E-05	0.588482
cg15682266	MGC34034;MGC34034	0.00493186	0.0298782	0.504758	-1.98115	0.00732269	0.396508	-2.52202	0.000959845	0.268242
cg11417496	MGC34034;MGC34034	0.0114142	0.00478015	0.348188	-2.87201	0.0420061	0.516823	-1.9349	0.0157119	0.434329
cg00664446	MGC34034;MGC34034	0.0327017	0.0383579	3.19266	3.19266	0.0953948	2.42604	2.42604	0.168718	0.491925
cg09620277	MGC3771;ZNF205;ZNF205;MGC3771	3.03E-05	5.12E-06	0.13071	-7.65051	0.944577	1.01374	1.01374	0.000304549	0.316152
cg03152800	MGC3771;ZNF205;ZNF205;MGC3771	0.00022461	0.0541961	0.710282	-1.40789	0.00752345	0.583619	-1.71345	0.0167504	0.633097
cg08835910	MGC3771;ZNF205;ZNF205;MGC3771	0.00654839	0.00865148	0.242317	-4.12682	0.137853	0.508305	-1.96732	0.00376234	0.190864
cg21098557	MGC42105	0.000526645	0.0828947	0.822909	-1.2152	0.749015	1.03312	1.03312	0.436582	0.922601
cg10641714	MGC42105	0.0389416	0.0658529	0.584106	-1.71202	0.0282345	1.96385	1.96385	0.00808774	2.41949
cg04850548	MGC42105;MGC42105	0.0189543	0.691021	0.892015	-1.12106	0.719642	1.1086	1.1086	0.7489	1.09621
cg19904349	MGC4473	0.000692254	0.565103	0.931978	-1.07299	0.10108	1.24297	1.24297	0.243148	0.862478
cg16883263	MGC4473	0.00113475	0.060249	1.67184	1.67184	0.0315546	1.84305	1.84305	0.116604	0.66135
cg16357834	MGC45800	0.00047933	0.0919096	0.902937	-1.1075	0.0491075	1.13157	1.13157	0.647019	0.974949
cg10603183	MGC45800	0.00261796	5.40E-05	0.187075	-5.34544	0.103269	0.672471	-1.48705	0.0917293	1.51199
cg09580409	MGC45800	0.0033097	0.37897	1.11797	1.11797	0.044514	1.33671	1.33671	0.0538674	1.31627
cg23595636	MGC45800	0.0153276	0.00661381	0.590405	-1.69375	0.0460953	1.40722	1.40722	0.353912	1.15322
cg02348751	MGC45800	0.0219452	0.0288257	53.2428	53.2428	0.0672527	23.6261	23.6261	0.152234	10.6427
cg15413793	MGC57346;MGC57346	0.000516488	0.00104471	0.273672	-3.65401	0.0214277	0.478017	-2.09198	0.00722951	0.396276
cg25642217	MGC70857	0.0269345	0.0597668	3.44235	3.44235	0.994787	1.00374	1.00374	0.0106375	0.149125
cg23712522	MGC70857;KIAA1688	0.00113832	0.031763	0.582834	-1.71575	0.000108174	0.231416	-4.32123	0.0339177	0.58797
cg21421171	MGC70857;KIAA1688	0.0225665	0.127652	1.81374	1.81374	0.421777	1.34531	1.34531	0.157221	1.72765
cg13514324	MGC70857;KIAA1688	0.0285046	0.238307	0.741396	-1.34881	0.275443	1.31635	1.31635	0.136354	0.677879
cg05419198	MGC70857;LRRC24	0.0214806	0.804658	0.956528	-1.04545	0.0023437	2.14192	2.14192	0.0504866	1.49152
cg04075230	MGC72080	0.000124219	0.000157228	0.201	-4.97513	6.21E-05	0.160134	-6.24477	0.00448698	0.390601
cg09493652	MGC72080	0.00129317	0.390937	0.809922	-1.23469	0.00537674	0.400172	-2.49892	0.750589	1.07922
cg13473576	MGC72080	0.0038026	0.415222	0.928469	-1.07704	0.473433	0.937085	-1.06714	0.000310998	1.68423
cg01242451	MGC72080	0.00579721	0.750742	0.915901	-1.09182	0.0312003	0.498117	-2.00756	0.340126	1.31126
cg20174893	MGC72080	0.0162967	0.0204282	0.470679	-2.12459	0.0134445	0.438041	-2.28289	0.246811	0.721348
cg02927485	MGC72080	0.0205215	0.741308	1.10522	1.10522	0.00122699	0.239818	-4.16983	0.00795517	0.357888
cg09787429	MGC72080	0.0356513	0.259753	0.685986	-1.45776	0.0208607	0.410041	-2.43878	0.088561	0.547532
cg08097290	MGC87042	0.0197967	0.665069	0.901659	-1.10907	0.0787152	1.59052	1.59052	0.0359626	1.78576
cg03839382	MGC87042;MGC87042	0.000405385	0.00910244	2.15616	2.15616	0.0601022	0.611573	-1.63513	0.000906069	0.316371
cg01544812	MGC87042;MGC87042	0.000483152	0.901965	1.02252	1.02252	0.385569	1.17436	1.17436	0.0035756	0.490156
cg03638211	MGC87042;MGC87042	0.00608206	0.0523103	0.507594	-1.97008	0.736849	0.901571	-1.10918	0.00393734	0.303672
cg07279393	MGC87042;MGC87042	0.00789674	0.0104611	0.479639	-2.0849	0.0218931	1.872	1.872	0.406167	1.21378
cg17689925	MGC87042;MGC87042	0.0324287	0.0511416	9.9339	9.9339	0.0146342	22.3627	22.3627	0.654596	0.627821
cg10154311	MGC87042;MGC87042	0.0464004	0.0536803	7.45339	7.45339	0.0173439	14.2472	14.2472	0.837112	0.828009
cg12846232	MGEA5;MGEA5	0.000788555	0.109908	0.679028	-1.47269	0.19265	0.73617	-1.35838	0.00721368	0.462888
cg09644451	MGEA5;MGEA5	0.00257153	6.45E-05	0.0843548	-11.8547	0.723696	1.12697	1.12697	0.63433	1.17512
cg08242493	MGEA5;MGEA5	0.00687637	0.0811834	1.21425	1.21425	0.0525088	1.24779	1.24779	0.10715	1.19314
cg12199165	MGEA5;MGEA5	0.0185153	0.101388	0.859221	-1.16384	0.240213	1.10962	1.10962	0.382994	1.07862
cg01110552	MGEA5;MGEA5	0.0383727	0.445595	1.20943	1.20943	0.198695	0.717376	-1.39397	0.674216	0.901771
cg20079346	MGEA5;MGEA5;MGEA5;MGEA5	0.000232701	0.529896	1.06308	1.06308	0.0161513	1.32695	1.32695	0.776366	0.972997
cg01562552	MGLL	0.0291184	?	?	?	0.00608809	0.640057	-1.56236	0.00943516	0.663684
cg13050716	MGLL;MGLL	0.00541518	0.00165468	0.429039	-2.33079	0.950032	1.01185	1.01185	0.0650859	1.4759
cg18274619	MGLL;MGLL	0.00604014	0.00732262	0.346828	-2.88328	0.00831701	0.355908	-2.80971	0.022994	0.434802
cg17533116	MGLL;MGLL	0.00634124	0.216097	1.16828	1.16828	0.0014029	0.575374	-1.738	0.0930246	0.801894
cg02116612	MGLL;MGLL	0.0193639	0.0246954	0.394949	-2.53197	0.0590216	2.09709	2.09709	0.0291391	2.44248
cg16027775	MGLL;MGLL	0.0417139	0.0803155	0.347656	-2.8764	0.29692	1.80208	1.80208	0.990039	0.993225
cg02328223	MGLL;MGLL;MGLL	0.0146191	0.567384	0.921604	-1.08506	0.728772	1.05039	1.05039	0.0522152	0.732092
cg16850444	MGMT	5.52E-06	0.23526	0.849755	-1.17681	0.000124199	0.384652	-2.59975	2.82E-06	0.1832
cg05611777	MGMT	6.50E-06	0.303253	0.871191	-1.14785	2.51E-05	0.338792	-2.95167	1.19E-05	0.301863
cg05068430	MGMT	7.91E-06	0.192102	1.19395	1.19395	0.253352	1.16551	1.16551	5.24E-05	2.63923
cg07367735	MGMT	1.29E-05	0.055395	0.776238	-1.28827	0.0169848	1.40433	1.40433	0.00313024	0.624222
cg24580056	MGMT	0.000105983	0.417365	1.11477	1.11477	0.0139003	1.4894	1.4894	0.322388	1.14339
cg03292473	MGMT	0.00014665	0.0554708	0.757624	-1.31992	0.605224	0.935494	-1.06895	0.0523749	0.754176
cg25394042	MGMT	0.000206495	0.187019	0.753901	-1.32643	0.544921	1.13175	1.13175	0.000925958	0.368205
cg02750154	MGMT	0.000229354	0.000595149	0.268555	-3.72363	3.10E-05	0.133157	-7.50995	0.0227396	0.508542
cg27000233	MGMT	0.000239438	0.00833807	0.74896	-1.33519	0.196754	0.889571	-1.12414	0.00536468	0.730241
cg14668152	MGMT	0.00024119	0.192175	0.739808	-1.3517	0.193284	1.35057	1.35057	0.0456114	0.606304
cg00904483	MGMT	0.000352212	0.0303744	0.626966	-1.59498	7.68E-06	0.16498	-6.06134	0.167582	0.763508
cg18460575	MGMT	0.000401473	5.86E-05	0.288129	-3.47066	0.249273	0.817625	-1.22306	4.48E-05	0.274789

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)
cg18064754	MGMT	0.000428379	0.00634053	0.442221
cg22785261	MGMT	0.000515998	0.614029	1.21752
cg10333959	MGMT	0.000537725	0.00059487	0.367536
cg26102564	MGMT	0.000608308	0.0489035	1.64264
cg24420981	MGMT	0.000648621	0.43312	0.896608
cg22575127	MGMT	0.000712437	4.57E-05	0.530789
cg26950715	MGMT	0.000744252	0.716224	1.08321
cg15986238	MGMT	0.000826166	0.980418	0.994206
cg16648911	MGMT	0.000884368	0.0202418	0.653844
cg18862686	MGMT	0.000960289	0.231565	0.815543
cg12040555	MGMT	0.00116648	0.0462655	0.784062
cg16259047	MGMT	0.00121428	0.362882	0.828917
cg11621301	MGMT	0.00162783	0.556332	0.884672
cg01204683	MGMT	0.00166635	2.28E-05	0.240819
cg09757049	MGMT	0.00180653	0.0317133	0.637501
cg04473030	MGMT	0.00225555	0.0527849	0.70472
cg19179102	MGMT	0.00236026	0.189256	0.794748
cg02381948	MGMT	0.0027204	0.0346336	0.608141
cg00639517	MGMT	0.00272669	0.0107297	0.0956358
cg13171643	MGMT	0.00320987	0.0223903	0.424663
cg14475381	MGMT	0.00362929	0.0051184	0.275595
cg02803836	MGMT	0.00443468	0.0806719	0.800455
cg23235067	MGMT	0.00465448	0.00518707	0.149353
cg11302655	MGMT	0.00468775	0.00574947	0.669362
cg07126542	MGMT	0.00569643	0.0511829	0.469319
cg19806483	MGMT	0.00588553	0.0152388	0.481076
cg06401999	MGMT	0.0073854	0.0169408	0.278347
cg25974017	MGMT	0.00759323	0.0339501	0.398383
cg22939703	MGMT	0.00788359	0.370967	0.828271
cg27531642	MGMT	0.00978861	0.634984	1.11877
cg06216683	MGMT	0.0124593	0.112701	0.805712
cg15312358	MGMT	0.0147752	0.548809	0.804832
cg00198994	MGMT	0.0156387	0.495966	1.11387
cg06920888	MGMT	0.016016	0.675085	0.925185
cg02330106	MGMT	0.0161415	0.0309828	0.391295
cg10215460	MGMT	0.0177342	0.221532	0.823815
cg26127080	MGMT	0.0182463	0.762138	0.953579
cg09983981	MGMT	0.0192923	0.933906	0.981315
cg18485261	MGMT	0.0195706	0.0163714	0.269677
cg14273607	MGMT	0.0197049	0.0309454	0.650938
cg19126889	MGMT	0.0205586	0.265425	0.771817
cg19054785	MGMT	0.0209597	0.357887	1.15038
cg09858782	MGMT	0.0215291	0.0354671	1.67578
cg09154334	MGMT	0.021858	0.0966769	0.459031
cg03639152	MGMT	0.0233848	0.921974	1.01283
cg04271445	MGMT	0.0259427	0.108964	0.758402
cg16215402	MGMT	0.0280547	0.338541	1.12
cg20778669	MGMT	0.0285892	0.792686	0.948414
cg17380475	MGMT	0.0289133	0.695313	1.087
cg24755725	MGMT	0.0292542	0.599687	0.791357
cg02022136	MGMT	0.0306353	0.0575924	0.216371
cg06874216	MGMT	0.0322072	0.0227792	0.197041
cg25946389	MGMT	0.03235	0.887031	0.932045
cg02792401	MGMT	0.0326197	0.131472	0.776078
cg04876500	MGMT	0.0368734	0.323124	1.23973
cg12575438	MGMT	0.0376217	0.660652	1.20697
cg14312783	MGMT	0.0377764	0.571158	0.881998
cg25557018	MGMT	0.0415665	0.20953	0.497053
cg01341123	MGMT	0.041629	0.219101	0.54845
cg25881985	MGMT	0.0419347	0.0907249	0.801451
cg23998405	MGMT	0.0442861	0.282715	0.347671
cg02802904	MGMT;MGMT	0.00524245	?	?
cg05360958	MGP	0.0143311	0.00188803	0.105696
cg00369126	MGRN1;MGRN1;MGRN1;MGRN1	3.79E-05	0.0945114	0.830376
cg03819286	MGRN1;MGRN1;MGRN1;MGRN1	0.000585665	0.000286387	0.0961377
cg05287064	MGRN1;MGRN1;MGRN1;MGRN1	0.000667603	4.41E-05	0.203794
cg00639215	MGRN1;MGRN1;MGRN1;MGRN1	0.000817882	0.294454	1.35607
cg04071866	MGRN1;MGRN1;MGRN1;MGRN1	0.0027358	0.138907	1.28291
cg08142943	MGRN1;MGRN1;MGRN1;MGRN1	0.00331744	0.691458	0.940089
cg03336832	MGRN1;MGRN1;MGRN1;MGRN1	0.00495474	0.124026	0.707184
cg26700932	MGRN1;MGRN1;MGRN1;MGRN1	0.00507337	0.0394799	0.669403
cg26627888	MGRN1;MGRN1;MGRN1;MGRN1	0.00718942	0.0739498	0.722527
cg03427191	MGRN1;MGRN1;MGRN1;MGRN1	0.0102252	0.521381	0.827332
cg03157150	MGRN1;MGRN1;MGRN1;MGRN1	0.0107475	0.080823	0.662041
cg01678580	MGRN1;MGRN1;MGRN1;MGRN1	0.0124046	0.0015506	0.0815119
cg02352612	MGRN1;MGRN1;MGRN1;MGRN1	0.0141223	0.300499	0.732765
cg04083430	MGRN1;MGRN1;MGRN1;MGRN1	0.0193764	0.397472	0.881504
cg16576106	MGRN1;MGRN1;MGRN1;MGRN1	0.0203917	0.0103643	0.308457
cg09306188	MGRN1;MGRN1;MGRN1;MGRN1	0.0262414	0.0936394	1.7477
cg02647929	MGRN1;MGRN1;MGRN1;MGRN1	0.027155	0.00459642	0.119042
cg10090769	MGRN1;MGRN1;MGRN1;MGRN1	0.0274889	0.220489	0.816209
cg04962621	MGRN1;MGRN1;MGRN1;MGRN1	0.031435	0.630988	1.18847
cg10908196	MGRN1;MGRN1;MGRN1;MGRN1	0.0320625	0.0581028	1.3934
cg04208175	MGRN1;MGRN1;MGRN1;MGRN1	0.0372785	0.0857514	0.608351
cg08058836	MGRN1;MGRN1;MGRN1;MGRN1	0.0436358	0.0176984	0.66556
cg02404489	MGRN1;MGRN1;MGRN1;MGRN1	0.0485534	0.210123	1.76564
cg07635227	MGRN1;MGRN1;MGRN1;MGRN1	0.0486676	0.379983	1.6807
cg06610614	MGST1;MGST1	0.0116267	0.0882721	0.842152
cg18233746	MGST1;MGST1;MGST1	0.00155541	0.358573	0.755893
cg15284911	MGST1;MGST1;MGST1;MGST1	0.0131625	0.0339964	3.47611
cg00609333	MGST1;MGST1;MGST1;MGST1	0.0146767	0.00249076	0.248503
cg00874480	MGST1;MGST1;MGST1;MGST1	0.0194061	0.751228	0.920077
cg10449466	MGST1;MGST1;MGST1;MGST1	0.0264319	0.180149	0.512168
cg16265486	MGST1;MGST1;MGST1;MGST1	0.0495981	0.548853	0.870348
cg22118416	MGST2	0.00155636	0.0302538	0.535745
cg10831683	MGST2	0.00733614	0.136328	0.535129
cg02480522	MGST2	0.00873219	0.00261774	0.200062
cg04874673	MGST2	0.0231795	0.0676879	0.754601
cg02688643	MGST2	0.0361971	0.0634664	0.418955
cg03327307	MGST2	0.043419	0.0265775	0.23318
cg10724791	MGST2;MGST2	0.0448796	0.0547561	0.240594
cg15622113	MGST3	0.00179351	0.317853	0.751652
cg09553581	MGST3	0.00239807	0.0196407	0.547418
cg19407955	MGST3	0.00300113	0.884005	0.936542
cg03919875	MGST3	0.00790547	0.025438	0.429805
cg06961122	MGST3	0.0240917	0.902224	0.980244
cg05129412	MGST3;MGST3	0.0296667	0.656058	1.20068
cg24734430	MIA	6.03E-05	1.51E-05	0.248349
cg19748546	MIA2	0.000435305	0.000221041	0.176978
cg06621799	MIA3	0.00159371	0.389264	0.726344
cg13357903	MIA3	0.00246878	0.476315	1.28443
cg27048098	MIA3	0.00370505	0.00830551	2.22556
cg21919420	MIA3	0.00377744	0.607201	0.92226
cg06876479	MIA3	0.0156748	0.68802	0.897628
cg00089945	MIA3	0.015924	0.0202374	0.106329
cg08133669	MIA3	0.016668	0.547893	1.26872
cg19023552	MIA;MIA	0.0469171	0.0217973	0.348561
cg19746861	MIAT	6.01E-05	0.0177585	0.801171
cg03612722	MIAT	0.00246713	0.756954	0.90231
cg18940588	MIAT	0.0065983	0.582178	1.11676
cg22579028	MIAT	0.0098802	0.0529856	1.84342
cg19939262	MIAT	0.00990999	0.0966096	0.913331
cg10599985	MIAT	0.0144656	0.648854	1.04873
cg18759693	MIAT	0.0292735	0.978055	0.992838
cg01612476	MIAT	0.0307752	0.12689	0.769501
cg18524952	MIAT	0.0424137	0.00963236	0.501975
cg12985418	MIB1	0.000350869	7.27E-05	0.77006
cg07178008	MIB1	0.000617049	0.0303711	0.663149
cg06891858	MIB1	0.0032511	0.00141542	0.239016
cg21024311	MIB1;MIR133A1	0.0407825	0.0683357	0.344439
cg13897348	MIB2;MIB2;MIB2;MIB2;MIB2	0.0100373	0.00854466	0.317987
cg17271960	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	4.07E-06	0.102999	1.33774
cg24368383	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.000283998	0.170676	1.7517
cg04882394	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.000887473	0.0554719	2.19072
cg11140595	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.000912506	0.418961	0.793295
cg23957653	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.00240226	0.000693799	0.281818
cg10994397	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.00475223	0.010144	0.602921
cg15323084	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.00563447	0.0828741	0.604111
cg10705488	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.0132519	0.00453165	0.17232
cg01229567	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.0170747	0.0881145	0.566104
cg23605175	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.021537	0.24855	1.34161
cg23430652	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.0219449	0.36626	1.21226

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13947830	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.0275832	0.0194042	0.525382	-1.90338	0.772246	1.06832	1.06832	0.160885	1.4064	1.4064	0.18564	0.726446	-1.37657	0.0349095	0.571328	-1.75031
cg10600968	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.0326318	0.635481	1.04103	1.04103	0.210855	1.11741	1.11741	0.762314	1.02587	1.02587	0.762808	0.974834	-1.02582	0.258439	1.10439	1.10439
cg03427058	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.0362213	0.826346	1.09618	1.09618	0.046445	0.385482	-2.59416	0.161359	0.535196	-1.86847	0.604631	0.803888	-1.24395	0.811955	1.10474	1.10474
cg01305327	MICA	5.67E-07	0.0759353	0.774873	-1.29053	0.0268736	1.4029	1.4029	0.00710196	0.638186	-1.56694	0.0406741	0.736989	-1.35687	0.100089	1.26197	1.26197
cg26990733	MICA	2.76E-06	0.0798958	1.25537	1.25537	0.470216	1.08978	1.08978	0.912737	1.01291	1.01291	0.00045566	1.90845	1.90845	0.589688	0.938269	-1.06579
cg08866144	MICA	3.12E-06	0.216641	0.911172	-1.09749	0.00896343	1.26849	1.26849	0.0420778	1.18245	1.18245	0.000309761	1.52013	1.52013	0.800189	1.01831	1.01831
cg02016545	MICA	6.48E-06	0.0726256	0.72335	-1.38246	0.560447	1.09987	1.09987	0.215574	1.23461	1.23461	0.454444	0.884083	-1.13112	0.364513	0.860132	-1.16261
cg27322701	MICA	7.58E-06	0.0139527	1.86481	1.86481	2.07E-06	10.9924	10.9924	0.0177563	1.80685	1.80685	2.37E-05	5.64474	5.64474	0.642355	1.10073	1.10073
cg03256310	MICA	9.71E-06	0.260471	1.24218	1.24218	5.90E-06	6.55416	6.55416	0.00292037	2.12881	2.12881	3.90E-05	4.28507	4.28507	0.97178	1.00656	1.00656
cg25583983	MICA	1.13E-05	0.0192928	1.60522	1.60522	0.198668	1.25501	1.25501	0.00458361	1.87973	1.87973	0.227351	1.23606	1.23606	0.0285811	1.54026	1.54026
cg26028810	MICA	2.49E-05	0.476969	0.853926	-1.17106	0.0550552	1.60804	1.60804	0.116266	1.45169	1.45169	0.384652	1.21488	1.21488	0.0279549	0.567171	-1.76314
cg18689925	MICA	3.84E-05	0.303856	0.870115	-1.14927	0.0315745	1.39006	1.39006	0.0156969	1.47237	1.47237	0.996482	0.999424	-1.00058	0.611017	0.935181	-1.06931
cg03354376	MICA	4.95E-05	0.551247	0.921472	-1.08522	0.0127068	1.5221	1.5221	0.142154	1.2387	1.2387	0.12857	0.800252	-1.24961	0.732105	1.04772	1.04772
cg11895727	MICA	5.62E-05	0.37087	0.789699	-1.26631	0.0700712	1.68268	1.68268	0.0241065	1.99597	1.99597	0.218494	0.717074	-1.39456	0.00171813	0.316727	-3.1573
cg18204091	MICA	6.31E-05	0.145713	0.628989	-1.58985	0.0515231	0.517947	-1.9307	0.00575466	2.92774	2.92774	0.0201479	0.435222	-2.29768	0.000441698	0.192646	-5.19087
cg07603941	MICA	7.02E-05	0.117876	0.633173	-1.57935	0.640518	0.881108	-1.13494	7.96E-06	0.0719979	-13.8893	0.0178473	0.460721	-2.17051	0.000236669	0.194101	-5.15197
cg07103722	MICA	8.15E-05	0.289664	0.849943	-1.17655	0.000419581	2.287	2.287	0.00194483	0.52289	-1.91245	0.562318	0.916986	-1.09053	0.00315941	0.55064	-1.81607
cg03990811	MICA	9.27E-05	0.179631	1.21776	1.21776	0.269375	1.17233	1.17233	0.786833	0.963225	-1.03818	0.486582	1.10265	1.10265	0.913283	1.01517	1.01517
cg17221483	MICA	0.000192085	0.03681	1.52826	1.52826	0.370671	1.1744	1.1744	0.885535	1.02551	1.02551	0.0907606	1.38522	1.38522	0.255931	0.812704	-1.23046
cg14095637	MICA	0.000323628	0.2404	0.700238	-1.42809	0.919157	0.970997	-1.02987	0.0637566	1.82974	1.82974	0.138338	0.629669	-1.58814	0.325514	0.745044	-1.3422
cg17950186	MICA	0.000328329	0.606412	1.08293	1.08293	0.000546321	0.438943	-2.2782	7.58E-05	0.332769	-3.00509	0.27011	0.838588	-1.19248	9.79E-05	0.346047	-2.88978
cg21915666	MICA	0.000389181	0.0500864	0.631631	-1.5832	0.0585073	1.55208	1.55208	0.122791	0.709017	-1.4104	0.0310361	1.68313	1.68313	0.123064	0.709224	-1.40999
cg22128830	MICA	0.00042995	0.198327	0.674755	-1.48202	0.625002	1.15321	1.15321	0.337449	1.33132	1.33132	0.0681695	1.80585	1.80585	0.969202	0.98889	-1.01124
cg14228840	MICA	0.000635623	0.00422911	0.614346	-1.62775	0.0571173	1.31499	1.31499	0.391366	0.894291	-1.1182	0.136675	0.815482	-1.22627	0.195884	0.840295	-1.19006
cg04055147	MICA	0.000701419	0.223167	1.54649	1.54649	0.0468022	0.455664	-2.1946	0.0236345	0.39078	-2.55898	0.0030465	0.235781	-4.24122	0.392596	1.34603	1.34603
cg04747510	MICA	0.000751299	0.0816266	0.576467	-1.73471	0.000299607	5.35961	5.35961	0.527361	0.832951	-1.20055	0.0155806	2.33158	2.33158	0.0073953	0.373445	-2.67777
cg27144224	MICA	0.00084242	0.0369843	2.45164	2.45164	0.778336	1.11012	1.11012	0.92636	1.03481	1.03481	0.563912	1.24106	1.24106	0.0124866	3.16002	3.16002
cg06177002	MICA	0.000856837	0.171979	0.526195	-1.90044	0.281496	1.63934	1.63934	0.278519	1.64477	1.64477	0.326428	1.56428	1.56428	0.351865	0.655013	-1.52669
cg13139838	MICA	0.00110173	0.00859156	0.303509	-3.2948	0.899019	0.955841	-1.0462	0.00506661	0.26761	-3.73678	0.0119713	0.327806	-3.05058	0.00255505	0.225684	-4.43097
cg07647677	MICA	0.00132695	0.0998208	0.519124	-1.92632	0.205203	0.615143	-1.62564	0.00201552	0.2052	-4.87329	0.0624812	0.46665	-2.14294	0.00886903	0.297946	-3.35631
cg17476405	MICA	0.00151081	0.0332785	1.92517	1.92517	0.209987	0.710307	-1.40784	0.585921	0.868068	-1.15198	0.241793	1.37283	1.37283	0.426607	1.23263	1.23263
cg02844892	MICA	0.00165133	0.109007	0.732916	-1.36441	0.84014	1.03656	1.03656	0.31143	0.830128	-1.20463	0.751351	1.05814	1.05814	0.000773726	0.404682	-2.47108
cg18088903	MICA	0.00190499	0.0160344	0.108718	-9.19813	0.88646	0.901103	-1.10975	0.697521	1.32959	1.32959	0.927921	0.936183	-1.06817	0.557178	0.648268	-1.54257
cg15581032	MICA	0.00191943	0.109395	0.559722	-1.7866	0.808144	0.922306	-1.08424	0.00128652	0.210156	-4.75837	0.0279252	0.42165	-2.37164	0.00210741	0.237506	-4.21042
cg10040969	MICA	0.00240085	0.00596042	0.267851	-3.73342	0.891473	1.05129	1.05129	0.00289993	0.223124	-4.48181	0.745836	1.12655	1.12655	0.288175	0.667634	-1.49783
cg18007127	MICA	0.00241967	0.278164	0.856588	-1.16742	0.950961	0.991593	-1.00848	0.0219412	0.685678	-1.45841	0.417617	0.89252	-1.12042	0.0234042	0.689512	-1.4503
cg10638439	MICA	0.00260331	0.0206241	0.370302	-2.7005	0.969123	1.01389	1.01389	0.928874	1.03232	1.03232	0.693817	0.868499	-1.15141	0.949101	1.02301	1.02301
cg14462939	MICA	0.00280964	0.0212457	0.575196	-1.73854	?	?	?	0.588607	1.11522	1.11522	0.580357	1.11798	1.11798	0.512075	0.875644	-1.14202
cg04188764	MICA	0.00295319	0.578254	1.0997	1.0997	0.489722	0.888037	-1.12608	2.83E-05	0.248256	-4.0281	0.92701	0.984614	-1.01563	0.0646048	0.703787	-1.42088
cg23826579	MICA	0.00298578	0.29939	0.774812	-1.29064	0.974444	0.99243	-1.00763	0.656557	0.899274	-1.11201	0.255071	0.754363	-1.32562	0.0054658	0.420289	-2.37931
cg11064395	MICA	0.0032586	0.0432268	0.235241	-4.25096	0.899558	1.08175	1.08175	0.00752971	0.117641	-8.50041	0.71776	0.797807	-1.25344	0.00669219	0.112025	-8.92661
cg17529716	MICA	0.0033204	0.174689	0.483159	-2.06971	0.988465	1.00731	1.00731	0.00960322	0.191669	-5.21734	0.341149	0.610034	-1.63925	0.0394637	0.301127	-3.32086
cg19092529	MICA	0.00343744	0.290135	1.33109	1.33109	0.479786	1.20579	1.20579	3.96E-05	0.129059	-7.7484	0.989287	0.996508	-1.0035	0.556274	0.856393	-1.16769
cg10750989	MICA	0.00375526	0.197543	0.696257	-1.43625	0.246441	0.724586	-1.3801	0.0548052	1.7841	1.7841	0.80519	0.936431	-1.06788	0.425949	0.805672	-1.2412
cg07376033	MICA	0.00494017	0.0861134	0.366628	-2.72756	0.00995578	0.178653	-5.59745	0.0241229	0.241001	-4.14936	0.501855	1.43426	1.43426	0.0107826	0.183636	-5.44555
cg08575621	MICA	0.00579781	0.713112	0.884871	-1.13011	0.0566088	2.07158	2.07158	0.401801	1.3298	1.3298	0.00219407	0.222479	-4.4948	0.913692	1.03654	1.03654
cg20144487	MICA	0.00671314	0.0750394	0.566787	-1.76433	0.648299	1.14056	1.14056	0.0443553	0.516125	-1.93751	0.00379005	0.326754	-3.06041	0.610037	0.863024	-1.15872
cg27527338	MICA	0.00688843	0.0863511	0.565987	-1.76683	0.506906	0.816864	-1.22419	0.0158924	0.411799	-2.42837	0.76531	0.91399	-1.0941	0.0523747	0.515409	-1.94021
cg02918101	MICA	0.00722652	0.267366	1.26522	1.26522	0.247696	0.781881	-1.27897	0.755647	1.06562	1.06562	0.877338	1.03195	1.03195	0.00858205	1.97889	1.97889
cg02726263	MICA	0.00774474	0.0196949	0.217641	-4.59471	0.140476	0.423865	-2.35924	0.0590586	0.315412	-3.17046	0.0479331	0.294037	-3.40093	0.0131934	0.189533	-5.27614
cg13829635	MICA	0.00778489	0.24645	1.50895	1.50895	0.6455	0.854507	-1.17027	0.6684	1.15751	1.15751	0.867891	0.945058	-1.05814	0.271716	0.678159	-1.47458
cg17391569	MICA	0.00923573	0.032314	0.428922	-2.33143	0.557669	0.818523	-1.22171	0.184897	0.621957	-1.60783	0.331897	0.71314	-1.40225	0.11522	0.560804	-1.78315
cg26504614	MICA	0.0097686	0.296851	0.834652	-1.1981	0.661076	0.928928	-1.07651	0.162958	0.779684	-1.28257	0.241903	0.814907	-1.22713	0.359413	0.854305	-1.17054
cg18188079	MICA	0.011254	0.687354	1.07146	1.07146	0.412331	0.86675	-1.15374	0.000641874	0.409076	-2.44453	0.0167371	0.6076	-1.64582	0.21453	0.800165	-1.24974
cg11956825	MICA	0.0178993	0.815284	1.25579	1.25579	0.875516	0.858533	-1.16478	0.917043	1.10667	1.10667	0.397879	0.427778	-2.33766	0.959691	1.05039	1.05039
cg22099241	MICA	0.0188122	0.0110171	0.121921	-8.20205	0.0517151	0.231995	-4.31043	0.0202645	0.157706	-6.34089	0.683842	0.763251	-1.31019	0.00746989	0.103023	-9.70653
cg26846810	MICA	0.0192954	0.859008	0.940966	-1.06274	0.103451	1.83941	1.83941	0.192583	1.60309	1.60309	0.779112	0.908261	-1.10101	0.0235556	0.396365	-2.52292
cg16359654	MICA	0.0196575	0.0180578	0.282914	-3.53465	0.00379951	0.179739	-5.56364	0.0595284	0.392605	-2.54709	0.482351	0.730589	-1.36876	0.0114291	0.248698	-4.02095
cg27610521	MICA	0.0241312	0.0450205	0.545598	-1.83285	0.743018	0.916991	-1.09052	0.272703	0.740298	-1.35081	0.314795	0.760487	-1.31495	0.00223147	0.323685	-3.08943
cg00499399	MICA	0.0260163	?	?	?	0.197804	0.332263	-3.00966	?	?	?	0.442214	1.8573	1.8573	?	?	?
cg08282195	MICA	0.0260366	0.358256	0.615199	-1.62549	0.432956	1.50835	1.50835	0.619261	0.773514	-1.2928	0.158435	0.45841	-2.18145	0.360164	0.616462	-1.62216
cg05029645	MICA	0.0284779	0.360033	1.21732	1.21732	0.212092	0.759813	-1.31611	0.203864	0.755599	-1.32345	0.809565	0.950798	-1.05175	0.246458	1.28825	1.28825
cg09210225	MICA	0.0291535	0.955168	0.978561	-1.02191	0.33781	1.4636	1.4636	0.0121059	0.299456	-3.33939	0.201742	0.594734	-1.68142	0.757783	0.887592	-1.12664
cg25285646	MICA	0.0317614	0.0273296	0.140784	-7.10308	0.859616	0.87553	-1.14216	0.103112	0.262169	-3.81433	0.102581	0.261527	-3.8237	0.0223623	0.128087	-7.80722
cg23715728	MICA	0.0327285	0.129769	0.33131	-3.01832	0.300947	0.485084	-2.0615	0.0148095	0.132149	-7.5672	0.0625353	0.242977	-4.11561	0.0528103	0.226348	-4.41798
cg05269976	MICA	0.0348577	0.111458	0.362026	-2.76223	0.668581	1.2871	1.2871	0.520141	0.682451	-1.46531	0.400198	0.603692	-1.65647	0.0100551	0.148995	-6.71164
cg06100231	MICA	0.0390704	0.129349	0.765092	-1.30703	0.171425	0.788272	-1.2686	0.00432005	0.536155	-1.86513	0.00811451	0.574756	-1.73987	0.0440431	0.685187	-1.45946
cg24529288	MICA	0.0432564	0.0864309	0.586193	-1.70592	0.399591	1.27528	1.27528	0.896816	0.964074	-1.03726	0.322582	1.33393	1.33393	0.850481	1.05466	1.05466
cg07625630	MICA	0.0495619	0.572302	0.859475	-1.1635	0.428946	1.239	1.239	0.00101099	0.27403	-3.64924	0.654921	1.12681	1.12681	0.91316	1.02937	1.02937
cg01125227	MICAL1;MICAL1	0.000606062	0.285611	0.881813	-1.13403	0.416767	1.09869	1.09869	0.763394	1.03483	1.03483	0.0120483	0.701103	-1.42632	0.000535697	0.542816	-1.84224
cg10365227	MICAL1;MICAL1	0.0179588	0.3968	0.881702	-1.13417	0.208856	1.21194	1.21194	0.199573	1.21732	1.21732	0.402905	0.8832	-1.13225	0.259976	0.843248	-1.18589
cg17984469	MICAL1;MICAL1	0.0318374	0.804079	0.96052	-1.0411	0.0118047	1.66456	1.66456	0.149344	1.28474	1.28474	0.0657848	0.715641	-1.39735	0.023862	1.54794	1.54794
cg03840496	MICAL1;MICAL1	0.0342815	0.0756035	0.642551	-1.5563	0.0234044	0.54571	-1.83247	0.334595	0.800479	-1.24925	0.180092	0.727343	-1.37487	0.874423	1.036	1.036
cg05879380	MICAL1;MICAL1;MICAL1;MICAL1	0.0262934	0.646961	1.10628	1.10628	0.478408	0.85397	-1.171	0.631402	1.11169	1.11169	0.754387	1.07116	1.07116	0.505105	0.862317	-1.15967
cg23390397	MICAL1;MICAL1;MICAL1;MICAL1	0.0301154	0.0368702	0.533268	-1.87523	0.103501	0.630154	-1.58691	0.0103865	0.432999	-2.30947	0.07851	0.602404	-1.66002	0.113014	1.56415	1.56415
cg14603605	MICAL2	0.0019795	0.000585069	0.141505	-7.06691	0.174218	0.58754	-1.70201	0.568114	1.23649	1.23649	0.531687	1.26249	1.26249	0.00018108	0.0972147	-10.2865
cg22967016	MICAL2	0.00733454	0.116259	1.42862	1.42862	0.0061531	2.11043	2.11043	0.289895	1.25804	1.25804	0.218442	0.762982	-1.31065	0.501212	0.867046	-1.15334
cg01400480	MICAL2	0.0197976	0.0239334	0.430211	-2.32444	0.954311	1.0181	1.0181	0.857576	0.945314	-1.05785	0.979784	1.00796	1.00796	0.0812989	0.546087	-1.83121
cg11285327	MICAL3	0.0428956	0.0474834	0.510656	-1.95826	0.771275	1.09025	1.09025	0.0645461	0.540363	-1.85061	0.067147	1.83717	1.83717	?	?	?
cg00131758	MICAL3	0.0446261	0.0441472	2.21192	2.21192	0.031279	2.38085	2.38085	0.0146616	2.80551	2.80551	0.0587335	2.0813	2.0813	0.702843	1.14064	1.14064
cg21103992	MICAL3;MICAL3	0.000411431	0.151631	0.597264	-1.6743	0.0569948	2.05973	2.05973	0.0848838	0.527686	-1.89507	0.0885305	0.532377	-1.87837	0.388022	0.743174	-1.34558
cg04520704	MICAL3;MICAL3	0.0174842	0.0798025	0.347181	-2.88034	0.45812	0.662893	-1.50854	0.218665	0.494579	-2.02192	0.754877	1.18582	1.18582	0.00685331	0.14874	-6.72314
cg12814210	MICAL3;MICAL3;MICAL3	0.000166445	0.889704	0.98132	-1.01904	0.00441265	0.596625	-1.67609	0.425835	1.11685	1.11685	1.06E-05	0.278269	-3.59365	0.00342232	0.582467	-1.71684
cg04469578	MICAL3;MICAL3;MICAL3	0.000295989	0.0118602	0.456352	-2.19129	0.922885	0.976937	-1.02361	0.0272827	1.9089	1.9089	0.000184916	0.189525	-5.27635	0.00105951	0.287943	-3.47291
cg11945372	MICAL3;MICAL3;MICAL3	0.00219554	0.01226	0.344878	-2.89958	0.0684574	2.00574	2.00574	0.0427433	0.451183	-2.2164	0.298291	0.692196	-1.44468	0.00150083	0.209872	-4.76481
cg20306533	MICAL3;MICAL3;MICAL3	0.0100876	0.248479	0.846461	-1.18139	0.695648	1.05583	1.05583	0.080532	0.765037	-1.30713	0.0028307	1.76486	1.76486	0.0308273	0.704417	-1.41961
cg09590094	MICAL3;MICAL3;MICAL3	0.0158135	0.592	0.918451	-1.08879	0.143577	1.28033	1.28033	0.422914	1.13736	1.13736	0.356441	1.16084	1.16084	0.460189	0.88849	-1.12551
cg22526477	MICAL3;MICAL3;MICAL3;MICAL3;MICAL3;MICAL3	0.0171665	0.00105218	0.573578	-1.74344	0.348458	1.11707	1.11707	0.111241	0.819568	-1.22016	0.0596887	0.783707	-1.27599	0.420513	1.09898	1.09898
cg15607706	MICAL3;MICAL3;MIR648;MICAL3	0.00910903	0.112485	1.75909	1.75909	0.00458438	3.43373	3.43373	0.0259007	2.37379	2.37379	0.00186938	4.2299	4.2299	0.572929	0.830105	-1.20467
cg09673570	MICALCL	0.000494324	0.0682351	1.37282	1.37282	0.0471601	0.702929	-1.42262	0.000638525	0.443203	-2.2563	0.0258257	1.5079	1.5079	7.74E-05	0.329378	-3.03603
cg01407861	MICALCL	0.0032384	0.283432	0.816146	-1.22527	0.0954995	1.39634	1.39634	0.00529081	0.511631	-1.95453	0.0217122	0.605119	-1.65257	0.0266878	0.619585	-1.61398
cg24245601	MICALCL	0.00587983	0.00277009	0.185227	-5.39879	0.341148	0.669786	-1.49301	0.739747	0.872654	-1.14593	0.499237	1.32348	1.32348	0.000509556	0.108801	-9.19109
cg08550882	MICALCL	0.00758957	0.65015	0.934234	-1.0704	0.000147902	0.378327	-2.64321	0.0269355	0.676806	-1.47753	0.0498594	0.716585	-1.39551	0.220356	0.825323	-1.21165
cg26158270	MICALCL	0.0408167	0.0100054	0.190618	-5.2461	0.286534	1.75789	1.75789	0.0274614	0.264649	-3.77859	0.539363	0.728519	-1.37265	0.0278173	0.265738	-3.76311
cg08043565	MICALCL;MICALCL	0.000180161	1.83E-05	0.164916	-6.06368	0.00366066	0.444471	-2.24987	0.00171409	0.397091	-2.51832	0.0114199	0.520373	-1.9217	0.000404807	0.313462	-3.19018
cg03913271	MICALL1	0.000312458	0.449378	0.9491	-1.05363	0.382892	0.94116	-1.06252	0.0754922	1.14351	1.14351	0.00492347	0.776893	-1.28718	0.170227	0.905752	-1.10406
cg02034949	MICALL1	0.0324486	0.767396	0.915634	-1.09214	0.178614	0.651531	-1.53485	0.0205726	0.425907	-2.34793	0.00283854	0.27628	-3.61952	0.818755	0.934082	-1.07057
cg02788633	MICALL2	7.15E-06	0.300482	0.898623	-1.11281	0.00516852	0.692236	-1.44459	2.65E-07	0.21875	-4.57143	0.59258	0.947609	-1.05529	0.013302	0.736692	-1.35742
cg01820777	MICALL2	0.00103243	0.150657	1.29424	1.29424	0.144612	1.30001	1.30001	0.0492284	0.686699	-1.45624	0.0127843	1.67844	1.67844	0.00647579	0.552843	-1.80883
cg20987323	MICALL2	0.00145107	0.806971	0.939886	-1.06396	0.229395	0.726574	-1.37632	0.0495643	0.566984	-1.76372	0.65455	1.12082	1.12082	0.00049437	0.251257	-3.97998
cg03285219	MICALL2	0.00169499	0.5472	1.08765	1.08765	0.9178	1.01434	1.01434	0.644227	1.06624	1.06624	0.0443829	1.37504	1.37504	0.00989439	0.637933	-1.56756
cg16555818	MICALL2	0.00217984	0.000512728	0.583176	-1.71475	0.0562654	0.806591	-1.23979	0.12786	0.849018	-1.17783	0.0561404	0.806481	-1.23996	0.176798	0.866968	-1.15345
cg06074896	MICALL2	0.00292198	0.0029455	0.217892	-4.58943	0.00172324	0.188431	-5.30698	0.00693281	0.271457	-3.68382	0.0597063	0.452489	-2.21	0.00629185	0.264954	-3.77425
cg22488268	MICALL2	0.00369272	0.384848	1.15144	1.15144	0.0077171	1.71894	1.71894	0.62443	1.08123	1.08123	0.57822	0.914945	-1.09296	0.923263	0.984867	-1.01537
cg05242402	MICALL2	0.00462514	0.097837	2.42833	2.42833	0.00036138	16.3459	16.3459	0.985736	1.00877	1.00877	0.735959	0.847609	-1.17979	0.092101	2.47387	2.47387
cg26754824	MICALL2	0.00486971	0.0132935	0.671343	-1.48955	0.00603846	0.62758	-1.59342	0.00507511	0.618049	-1.61799	0.0990326	0.790641	-1.2648	0.000680519	0.509474	-1.96281
cg11147695	MICALL2	0.0093532	0.00126634	0.152847	-6.54249	0.589371	0.814926	-1.2271	0.426081	0.736557	-1.35767	?	?	?	0.000902614	0.136443	-7.32906
cg02716288	MICALL2	0.0136728	0.239832	0.825896	-1.21081	0.025301	0.661452	-1.51183	0.0369382	0.686186	-1.45733	0.0637241	0.723286	-1.38258	0.311407	0.849789	-1.17676
cg08937407	MICALL2	0.0161386	0.159545	0.766911	-1.30393	0.0903521	0.719286	-1.39027	0.669779	0.927057	-1.07868	0.254371	0.810477	-1.23384	0.00078938	0.408357	-2.44884
cg20276772	MICALL2	0.0205056	0.130587	0.596074	-1.67765	0.00536811	0.312905	-3.19586	0.0242488	0.426895	-2.3425	0.188287	0.642883	-1.55549	0.00159632	0.238035	-4.20107
cg03032053	MICALL2	0.0292778	0.206518	0.622176	-1.60726	0.506473	0.786571	-1.27134	0.868602	0.942734	-1.06074	0.493863	0.78078	-1.28077	0.0107585	0.319391	-3.13095
cg27317975	MICALL2	0.0336067	0.602646	1.09065	1.09065	0.920414	0.983625	-1.01665	0.0107942	1.69734	1.69734	0.0217717	1.5761	1.5761	0.936392	0.9869	-1.01327
cg09914182	MICALL2	0.040852	0.768187	1.05715	1.05715	0.00198518	2.2733	2.2733	0.271262	1.24029	1.24029	0.524572	1.1289	1.1289	0.328359	1.20887	1.20887
cg08310360	MICALL2;MICALL2	0.0033868	0.949063	0.968523	-1.0325	0.599714	1.30357	1.30357	0.445623	1.47584	1.47584	?	?	?	0.00355004	0.138334	-7.22889
cg12001709	MICB	8.03E-07	0.199064	1.13136	1.13136	1.33E-07	4.55464	4.55464	0.000477539	1.64655	1.64655	6.60E-07	3.4332	3.4332	0.107373	0.852285	-1.17332
cg04825215	MICB	1.74E-06	0.0627281	1.80091	1.80091	3.09E-07	66.8081	66.8081	0.00340563	3.05933	3.05933	1.67E-06	29.2487	29.2487	0.0534953	1.85167	1.85167
cg10942339	MICB	2.43E-06	6.72E-05	0.302925	-3.30114	0.697836	1.06591	1.06591	1.47E-05	0.229214	-4.36274	0.000295702	0.381292	-2.62266	3.48E-06	0.167803	-5.95936
cg05399360	MICB	6.03E-06	0.0853826	1.23975	1.23975	0.044018	0.769883	-1.2989	0.00524107	1.51611	1.51611	0.164978	1.18221	1.18221	0.000576033	0.547691	-1.82585
cg19620016	MICB	7.67E-06	0.0952026	0.744473	-1.34323	0.953786	1.00937	1.00937	6.81E-05	0.309468	-3.23135	0.37157	0.86272	-1.15912	0.000635069	0.429711	-2.32714
cg11802924	MICB	1.06E-05	0.216397	0.887441	-1.12684	1.41E-06	3.08976	3.08976	0.0023752	0.67776	-1.47545	5.34E-05	1.99777	1.99777	0.242673	0.893831	-1.11878
cg21619017	MICB	1.73E-05	0.750111	0.96314	-1.03827	3.82E-05	2.53021	2.53021	0.843262	1.02354	1.02354	0.74753	1.03869	1.03869	0.000151788	2.14666	2.14666
cg12989719	MICB	5.79E-05	0.00314488	0.361433	-2.76677	0.034969	0.53821	-1.85801	9.75E-05	0.174433	-5.73286	0.0153448	0.472266	-2.11745	0.000835727	0.281549	-3.55178
cg07109351	MICB	5.86E-05	0.915508	0.977594	-1.02292	0.00217889	2.50463	2.50463	0.0512634	0.622536	-1.60633	0.342708	1.23212	1.23212	2.06E-05	0.159471	-6.27074
cg10192572	MICB	9.68E-05	1.72E-05	0.180604	-5.53698	0.00191933	0.426213	-2.34625	0.000291548	0.317696	-3.14766	0.22482	1.28086	1.28086	0.000134365	0.276844	-3.61214
cg07315969	MICB	9.89E-05	0.0022531	0.288416	-3.46721	0.134653	0.625585	-1.5985	0.000145604	0.149334	-6.69642	0.00593725	0.351213	-2.84728	1.58E-05	0.0748699	-13.3565
cg04985163	MICB	0.000105903	0.000194225	0.176891	-5.65318	0.0416823	0.522761	-1.91292	7.02E-05	0.134731	-7.42221	0.204529	0.690842	-1.44751	3.64E-05	0.111151	-8.99678
cg04842136	MICB	0.000147769	0.0881675	1.43456	1.43456	7.90E-05	3.92914	3.92914	0.044287	1.55752	1.55752	0.000472531	2.86688	2.86688	0.215304	0.778697	-1.2842
cg23574899	MICB	0.000157575	0.0257537	0.587528	-1.70205	0.0528659	1.55566	1.55566	0.172767	0.747229	-1.33828	0.816842	1.04769	1.04769	0.00012667	0.261907	-3.81815
cg22202357	MICB	0.000170303	0.18266	0.654889	-1.52698	0.309674	0.730033	-1.3698	9.58E-05	0.125136	-7.99133	0.119161	0.602786	-1.65896	0.0191733	0.428155	-2.3356
cg06284756	MICB	0.000194627	0.382545	0.776999	-1.287	0.399959	0.784453	-1.27477	0.000216352	0.175679	-5.69219	0.33614	0.756211	-1.32238	0.00436629	0.342044	-2.9236
cg22545899	MICB	0.000195843	0.167561	1.54187	1.54187	0.575355	1.18127	1.18127	0.000336402	0.182378	-5.48311	0.155744	1.56371	1.56371	0.0225976	0.447683	-2.23372
cg00333848	MICB	0.000209939	0.630988	0.87826	-1.13862	0.416716	0.800411	-1.24936	0.00358583	0.347159	-2.88053	0.00621176	0.384073	-2.60367	0.00021659	0.191033	-5.23469
cg09003758	MICB	0.000263079	0.0729811	0.643813	-1.55325	0.164624	1.38605	1.38605	0.290628	0.785468	-1.27313	0.365557	0.814889	-1.22716	0.00794862	0.472685	-2.11557
cg03460245	MICB	0.000320598	0.165433	0.726166	-1.37709	0.923559	1.02097	1.02097	0.00171669	0.379883	-2.63239	0.477154	0.855273	-1.16922	0.00614786	0.461569	-2.16652
cg07207660	MICB	0.000353157	0.115869	0.735153	-1.36026	0.0149656	1.7136	1.7136	0.00343822	0.488995	-2.04501	0.272596	0.814178	-1.22823	0.0160569	0.588309	-1.69979
cg11964823	MICB	0.000391069	0.347719	1.54452	1.54452	5.15E-05	30.1912	30.1912	0.231358	1.75849	1.75849	0.000227379	15.7207	15.7207	0.586845	1.2798	1.2798
cg25095587	MICB	0.000477161	0.181282	1.23318	1.23318	0.811392	0.965311	-1.03594	0.951187	1.00908	1.00908	0.873167	1.02387	1.02387	0.339427	1.15651	1.15651
cg04394691	MICB	0.00048953	0.272127	0.775194	-1.29	0.00860597	2.10939	2.10939	0.000468402	3.40419	3.40419	0.0699316	1.57055	1.57055	0.00306917	0.405335	-2.46709
cg21896454	MICB	0.000803013	0.805367	1.09976	1.09976	0.536475	1.27266	1.27266	0.000563869	0.127605	-7.83671	0.139636	1.8446	1.8446	0.0992236	2.00596	2.00596
cg18571935	MICB	0.000823496	0.0257699	0.424616	-2.35507	0.039886	0.463737	-2.15639	0.00758092	0.329215	-3.03753	0.406413	0.759757	-1.31621	0.000676025	0.186145	-5.37217
cg12120126	MICB	0.000876492	0.0250125	0.292655	-3.41699	0.769043	1.06316	1.06316	0.495605	1.1548	1.1548	0.000901927	1.99486	1.99486	0.588227	1.12043	1.12043

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13947830	0.476286	0.847953	-1.17931	0.00514702	0.431119	-2.31954	0.0231466	0.538859	-1.85577	0.890113	1.03198	1.03198	4.20995	3.4574	0.729997	1
cg10600968	0.148067	1.13958	1.13958	0.648254	1.03943	1.03943	0.383167	1.07821	1.07821	0.00045853	1.59134	1.59134	3.96599	0.445397	0.0998257	1
cg03427058	0.276792	1.60441	1.60441	0.00206125	6.1347	6.1347	0.282793	1.5943	1.5943	0.671974	0.836936	-1.19483	3.81932	10.5659	2.45906	1
cg01305327	0.0121144	1.49763	1.49763	0.000137305	0.426742	-2.34334	7.67E-09	22.0609	22.0609	0.425427	0.900228	-1.11083	84.7477	22.383	0.234768	1
cg26990733	0.777482	1.03371	1.03371	4.16E-05	0.401043	-2.4935	5.71E-08	8.78507	8.78507	0.0564236	0.776629	-1.28762	56.5332	12.2636	0.192825	1
cg08866144	0.0878017	0.873874	-1.14433	0.00243704	0.739447	-1.35236	4.65E-08	3.91196	3.91196	0.0538442	0.855018	-1.16957	54.8051	4.44389	0.0720759	1
cg02016545	0.00576699	0.557125	-1.79493	0.31446	0.845182	-1.18318	7.08E-08	18.5635	18.5635	0.123629	0.763639	-1.30952	45.3853	18.7936	0.36808	1
cg27322701	0.00178592	2.49015	2.49015	0.376233	0.829982	-1.20485	5.77E-07	16.9752	16.9752	0.000436698	3.12869	3.12869	43.5862	29.0717	0.592883	1
cg03256310	0.00238482	2.18669	2.18669	0.195132	1.28814	1.28814	3.91E-07	14.6089	14.6089	0.000473592	2.75772	2.75772	40.8803	22.1054	0.480653	1
cg25583983	0.80996	0.960514	-1.04111	0.0913932	0.732807	-1.36462	9.06E-08	18.6824	18.6824	0.343839	1.17711	1.17711	39.3165	17.4126	0.393674	1
cg26028810	7.32E-06	8.66075	8.66075	0.0259005	1.78163	1.78163	9.98E-07	16.5532	16.5532	0.142284	1.41124	1.41124	31.9672	24.1432	0.671332	1
cg18689925	1.04E-05	3.43065	3.43065	0.977811	1.00364	1.00364	1.61E-06	4.84491	4.84491	0.606881	0.934441	-1.07016	28.5421	7.71596	0.240298	1
cg03354376	0.138518	0.805467	-1.24152	0.0109294	0.648353	-1.54237	7.10E-07	6.18563	6.18563	0.0496994	1.35487	1.35487	26.6909	7.77911	0.259068	1
cg11895727	0.868314	0.958258	-1.04356	0.105885	1.57433	1.57433	1.38E-06	23.698	23.698	0.00777234	0.415509	-2.40669	25.8134	26.9926	0.929494	1
cg18204091	0.191262	1.50787	1.50787	0.880699	1.04559	1.04559	2.78E-06	28.1383	28.1383	0.0953913	0.580538	-1.72254	25.0298	34.9252	1.24031	1
cg07603941	0.032711	0.510423	-1.95916	0.36062	0.776517	-1.2878	6.02E-06	0.0651471	-15.3499	0.0136625	0.440045	-2.27249	24.331	27.9119	1.01971	1
cg07103722	0.0459217	0.712866	-1.40279	2.97E-06	0.192389	-5.1978	0.236781	0.832456	-1.20126	0.111255	0.773642	-1.29259	23.3812	8.10418	0.308098	1
cg03990811	0.0334569	1.40983	1.40983	0.013711	0.656195	-1.52394	1.14E-06	5.73753	5.73753	0.117154	0.79036	-1.26525	22.5931	6.83711	0.268995	1
cg17221483	0.187737	1.27651	1.27651	0.670124	0.927804	-1.07781	1.96E-06	7.82649	7.82649	0.156882	0.767378	-1.30314	18.5734	8.99587	0.430527	1
cg14095637	0.899126	0.963901	-1.03745	0.729898	0.904404	-1.1057	3.70E-06	23.0468	23.0468	0.9049	1.03526	1.03526	16.112	21.4463	1.18318	1
cg17950186	0.655906	0.933561	-1.07117	0.000322002	0.409807	-2.44017	0.0286568	0.673192	-1.48546	0.026522	0.668212	-1.49653	16.0484	5.97311	0.330839	1
cg21915666	0.345531	0.818893	-1.22116	0.00438997	0.457347	-2.18652	2.20E-05	5.76656	5.76656	0.0152641	1.84537	1.84537	15.3155	10.2598	0.595462	1
cg22128830	0.203553	0.678165	-1.47457	0.0151035	0.421454	-2.37274	7.16E-06	17.6273	17.6273	0.731632	0.905178	-1.10475	14.9003	19.7622	1.17893	1
cg14228840	0.0285928	1.38899	1.38899	0.197217	0.84078	-1.18937	3.24E-05	2.79577	2.79577	0.087425	0.78659	-1.27131	13.3669	3.4263	0.227846	1
cg04055147	0.0260575	0.399564	-2.50273	?	?	?	6.21E-05	15.9634	15.9634	0.796236	1.09145	1.09145	16.355	25.757	1.37801	1
cg04747510	0.162074	0.653059	-1.53126	0.00202393	0.288627	-3.46468	0.00329723	3.13493	3.13493	0.454565	1.24286	1.24286	12.7553	16.4575	1.14688	1
cg27144224	0.0789032	0.485633	-2.05917	0.0845072	0.493416	-2.02669	1.67E-05	26.4408	26.4408	0.361003	1.4157	1.4157	12.351	26.8078	1.92933	1
cg06177002	0.119362	0.474081	-2.10934	0.348008	0.652658	-1.53219	1.16E-05	60.5294	60.5294	0.427093	1.4306	1.4306	12.2921	37.9669	2.74554	1
cg13139838	0.238929	0.644839	-1.55078	5.89E-05	0.0709517	-14.0941	0.00154556	0.197932	-5.05225	0.981251	0.991675	-1.00839	11.4471	22.9433	1.78158	1
cg07647677	0.00222401	0.210629	-4.74768	0.000193147	0.10214	-9.79044	0.000246803	0.110725	-9.03141	0.0868814	0.502901	-1.98846	10.8551	22.7197	1.86044	1
cg17476405	0.981943	0.994204	-1.00583	0.118122	0.643145	-1.55486	3.02E-05	10.5071	10.5071	0.334419	0.773454	-1.2929	12.5766	12.8621	0.795431	1
cg02844892	0.275069	1.2237	1.2237	6.72E-05	0.273107	-3.66156	0.0166531	0.594674	-1.68159	0.584174	0.906415	-1.10325	10.193	5.10229	0.444948	1
cg18088903	0.00122062	0.0253796	-39.4017	0.761945	1.24799	1.24799	0.000161758	170.539	170.539	0.189075	2.7817	2.7817	11.6782	96.1759	6.40537	1
cg15581032	0.0732195	0.51469	-1.94292	0.00011326	0.104996	-9.52414	0.00694134	0.313069	-3.19418	0.592104	0.83543	-1.19699	9.758	17.0814	1.55601	1
cg10040969	0.00147509	0.186155	-5.37187	0.00020977	0.103132	-9.69634	0.0313531	0.39644	-2.52245	0.428467	0.743655	-1.34471	9.14015	19.4328	1.88986	1
cg18007127	0.0696238	0.756877	-1.32122	0.00826228	0.628993	-1.58984	3.84E-05	0.338332	-2.95568	0.158752	0.813199	-1.22971	9.11921	2.72152	0.265278	1
cg10638439	0.697294	0.869979	-1.14945	0.000832394	6.00452	6.00452	0.000220742	8.96125	8.96125	0.360271	1.39814	1.39814	8.92494	17.9477	1.78752	1
cg14462939	0.334876	1.21971	1.21971	0.998704	0.999676	-1.00032	7.36E-05	4.21864	4.21864	0.214158	1.29848	1.29848	8.92146	5.00939	0.561498	1
cg04188764	0.177216	0.784506	-1.27469	0.498465	0.890218	-1.12332	0.411381	0.867496	-1.15274	0.413538	0.86809	-1.15195	8.59819	3.89967	0.403152	1
cg23826579	0.0519758	0.591852	-1.68961	4.26E-05	0.157927	-6.33204	0.114702	0.66568	-1.50222	0.263568	0.758454	-1.31847	8.57023	7.63833	0.792234	1
cg11064395	0.229789	0.456513	-2.19052	0.000292627	0.0253909	-39.3841	0.000907262	0.0455859	-21.9366	0.0970898	0.322001	-3.10558	8.35017	51.2152	5.45194	1
cg17529716	0.00344579	0.135137	-7.39991	0.000643644	0.0714562	-13.9946	0.0004813	0.0633321	-15.7898	0.0410325	0.304825	-3.28057	8.30351	33.3874	3.57412	1
cg19092529	0.195403	0.699962	-1.42865	0.695833	0.902713	-1.10777	0.234165	0.722607	-1.38388	0.198884	0.702116	-1.42427	8.21803	8.83261	0.955365	1
cg10750989	0.623728	0.87685	-1.14045	0.56538	0.856879	-1.16703	7.08E-05	6.86445	6.86445	0.771575	0.925546	-1.08044	8.0031	8.9543	0.994538	1
cg07376033	0.00280002	0.113103	-8.8415	0.000993098	0.0751519	-13.3064	0.00539224	0.143953	-6.94669	0.0468212	0.299934	-3.33407	7.3656	32.6593	3.94136	1
cg08575621	0.794691	0.917277	-1.09018	0.395304	1.33536	1.33536	0.000922643	5.76228	5.76228	0.0217323	2.55693	2.55693	8.10041	13.759	1.32109	1
cg20144487	0.0851454	0.579762	-1.72485	0.000199737	0.167207	-5.98062	0.454819	0.804104	-1.24362	0.525435	0.831703	-1.20235	6.70187	8.70585	1.15468	1
cg27527338	0.902083	0.963699	-1.03767	0.00390324	0.311246	-3.2129	0.00025954	0.164447	-6.08099	0.889077	0.958943	-1.04281	6.64832	9.50284	1.27054	1
cg02918101	0.0204774	1.76565	1.76565	0.266943	0.7902	-1.2655	0.000319209	3.27488	3.27488	0.589142	1.11741	1.11741	6.54968	4.29968	0.58353	1
cg02726263	0.021238	0.223326	-4.47776	0.000336314	0.0437383	-22.8633	0.0102195	0.173296	-5.77047	0.0561012	0.310008	-3.22572	6.40914	29.7429	4.12507	1
cg13829635	0.605689	0.837977	-1.19335	0.892191	0.955014	-1.0471	0.000114274	9.95651	9.95651	0.138552	1.71817	1.71817	6.39874	11.6765	1.62205	1
cg17391569	0.0418929	0.452968	-2.20766	0.000130571	0.106111	-9.42407	0.129346	0.574965	-1.73924	0.264572	0.675227	-1.48098	6.06238	10.9511	1.60569	1
cg26504614	0.954517	0.990514	-1.00958	0.584287	0.911804	-1.09673	9.49E-05	0.312935	-3.19555	0.814148	0.961413	-1.04014	5.955	2.63365	0.393119	1
cg18188079	0.880591	0.97468	-1.02598	0.0289889	1.55145	1.55145	0.165018	0.776712	-1.28748	0.203679	0.795409	-1.25721	5.69047	2.62337	0.409788	1
cg11956825	0.218804	0.277681	-3.60125	0.054412	9.25529	9.25529	0.000545577	508.914	508.914	0.509776	1.92273	1.92273	6.33358	90.3831	9.51365	1
cg22099241	0.107832	0.31416	-3.18309	0.0025438	0.0630784	-15.8533	0.0557486	0.239247	-4.17979	0.123852	0.33297	-3.00327	4.80316	33.1239	6.13001	1
cg26846810	0.62506	1.18358	1.18358	0.00474572	0.277095	-3.60887	0.0132641	2.85845	2.85845	0.891583	0.954403	-1.04777	4.76214	8.83245	1.64864	1
cg16359654	0.907307	1.05254	1.05254	0.0107439	0.244347	-4.09254	0.821485	0.905423	-1.10446	0.0310551	0.328644	-3.04281	4.73223	14.485	2.72083	1
cg27610521	0.164237	0.676429	-1.47835	0.00620563	0.390675	-2.55967	0.0110694	0.432059	-2.3145	0.404211	0.798664	-1.25209	4.41106	4.84695	0.976726	1
cg00499399	0.377591	0.487565	-2.05101	?	?	?	0.00341019	48.1511	48.1511	0.871752	0.881525	-1.1344	7.00971	34.4465	4.91412	1
cg08282195	?	?	?	0.107023	0.401205	-2.49249	0.00160843	11.6884	11.6884	0.403897	1.55097	1.55097	4.82422	17.432	3.16175	1
cg05029645	0.195401	1.33132	1.33132	0.371879	0.82564	-1.21118	0.00117581	2.70452	2.70452	0.151658	1.37852	1.37852	4.16287	2.87932	0.614815	1
cg09210225	0.0870333	0.482658	-2.07186	0.00286989	0.205762	-4.85998	0.022361	0.348176	-2.87211	0.748801	0.883515	-1.13184	4.12851	9.71606	2.09191	1
cg25285646	0.0636624	0.208982	-4.78509	0.00406727	0.055257	-18.0972	0.0121717	0.0957454	-10.4444	0.159321	0.323259	-3.09349	4.00458	35.7573	7.93697	1
cg23715728	0.0408085	0.203163	-4.92215	0.00210751	0.0540099	-18.5151	0.340601	0.515368	-1.94036	0.0548831	0.230031	-4.34725	3.96179	28.586	6.41372	1
cg05269976	0.250343	0.494614	-2.02178	0.00314385	0.0938748	-10.6525	0.0187046	0.188229	-5.31268	0.149368	0.404126	-2.47447	3.87284	21.0669	4.83524	1
cg06100231	0.946652	1.01099	1.01099	0.503285	1.11738	1.11738	0.871974	0.973993	-1.0267	0.687201	0.936001	-1.06837	3.71512	1.57085	0.375845	1
cg24529288	0.434608	1.25208	1.25208	0.0112734	0.408578	-2.44752	0.00876369	2.56374	2.56374	0.970759	1.01039	1.01039	3.57793	4.50597	1.11945	1
cg07625630	0.858671	1.04844	1.04844	0.414643	1.2477	1.2477	0.299775	0.75187	-1.33002	0.896853	0.966164	-1.03502	3.39948	3.79221	0.991581	1
cg01125227	0.0679542	1.26093	1.26093	3.37E-05	0.401911	-2.48811	0.015259	0.71328	-1.40197	0.546968	1.07157	1.07157	13.5458	2.75935	0.181071	1
cg10365227	0.52751	1.09734	1.09734	0.000429561	0.44553	-2.24452	0.965107	0.993673	-1.00637	0.545404	1.09286	1.09286	4.87889	1.62683	0.296394	1
cg17984469	0.428443	1.13998	1.13998	0.0462612	0.690714	-1.44778	0.313537	0.844574	-1.18403	0.815913	1.03852	1.03852	4.00116	1.66425	0.369726	1
cg03840496	0.033106	1.74569	1.74569	0.0283895	0.560682	-1.78354	0.459122	0.844871	-1.18361	0.079419	1.54563	1.54563	3.89623	3.08614	0.704075	1
cg05879380	0.563017	1.13665	1.13665	0.00102249	2.90513	2.90513	0.015021	1.92471	1.92471	0.0741865	1.54621	1.54621	4.28125	3.25318	0.675437	1
cg23390397	0.105875	1.58102	1.58102	0.615931	1.14016	1.14016	0.234613	1.38141	1.38141	0.24761	0.730887	-1.3682	4.08126	4.34756	0.946887	1
cg14603605	0.0152185	0.333949	-2.99447	0.00570596	0.263507	-3.79497	0.0441243	0.427034	-2.34173	0.0819078	0.492006	-2.0325	9.67088	20.7336	1.90571	1
cg22967016	0.143187	1.3893	1.3893	0.00530208	2.15531	2.15531	0.0206426	0.558495	-1.79053	0.00599835	2.11801	2.11801	6.51937	4.50934	0.61483	1
cg01400480	0.0018375	0.250268	-3.99572	0.25421	0.688846	-1.4517	0.0101793	0.362579	-2.75802	0.0167848	0.401045	-2.49349	4.72084	7.32803	1.3798	1
cg11285327	0.0174126	0.423914	-2.35897	0.104433	1.69241	1.69241	0.927043	0.973216	-1.02752	0.915704	0.969102	-1.03188	3.64444	4.50852	1.2371	1
cg00131758	0.777375	0.907269	-1.10221	0.0134271	2.8604	2.8604	0.0518597	2.13729	2.13729	0.0838627	1.92851	1.92851	3.53655	6.60161	1.65927	1
cg21103992	0.831371	0.930956	-1.07416	5.24E-06	0.0311766	-32.0753	0.13344	1.72132	1.72132	0.777253	0.909232	-1.09983	15.0825	26.8872	1.5846	1
cg04520704	0.0178328	0.208621	-4.79337	0.00106913	0.0720272	-13.8836	0.962836	0.974963	-1.02568	0.129521	0.41012	-2.43831	4.92296	23.089	4.16894	1
cg12814210	0.000183963	0.423599	-2.36072	0.000306734	0.450863	-2.21797	0.6473	0.939316	-1.0646	0.976879	1.00395	1.00395	19.3073	5.64758	0.260009	1
cg04469578	0.000603592	0.254016	-3.93676	3.74E-05	0.11818	-8.46168	0.311975	0.776185	-1.28835	0.653201	0.896641	-1.11527	20.8834	18.8019	0.700255	1
cg11945372	0.0202164	0.384575	-2.60027	0.000534233	0.158965	-6.29069	0.00145303	0.208134	-4.80459	0.266183	0.673457	-1.48488	9.38285	17.3025	1.63916	1
cg20306533	0.665606	0.941688	-1.06192	0.0789314	0.763711	-1.3094	0.00392637	0.584928	-1.70961	0.863568	1.02405	1.02405	5.89415	1.78227	0.268781	1
cg09590094	0.939598	1.01199	1.01199	0.000743481	0.447023	-2.23702	0.0782094	1.36024	1.36024	0.0780774	1.36047	1.36047	5.0908	1.99344	0.348068	1
cg22526477	0.289597	1.13436	1.13436	0.773718	0.967478	-1.03361	0.401427	0.906198	-1.10351	0.0633597	1.27057	1.27057	4.9533	1.0319	0.185178	1
cg15607706	0.520057	1.23756	1.23756	0.098078	1.80967	1.80967	0.00690153	3.13646	3.13646	0.00760968	3.07049	3.07049	6.08905	10.3041	1.50421	1
cg09673570	0.0234052	1.52242	1.52242	0.0522031	0.709845	-1.40876	0.271081	0.837093	-1.19461	0.00821608	0.59171	-1.69002	14.3358	5.46835	0.339063	1
cg01407861	0.00504269	0.508589	-1.96622	0.03886	0.646624	-1.54649	0.000405419	0.3589	-2.78629	0.0117088	0.563173	-1.77565	8.36566	4.40316	0.467855	1
cg24245601	0.365205	1.46252	1.46252	0.242355	1.64865	1.64865	0.0451413	0.390947	-2.55789	0.0282138	0.346891	-2.88275	6.98261	18.4634	2.35039	1
cg08550882	0.400224	0.879593	-1.13689	0.189632	1.22998	1.22998	0.536184	0.910895	-1.09782	0.414999	0.883259	-1.13217	6.44997	2.26753	0.312495	1
cg26158270	0.627544	1.28302	1.28302	0.297973	0.576992	-1.73313	0.366387	1.6048	1.6048	0.0449972	0.309561	-3.23039	3.65578	15.0426	3.65755	1
cg08043565	0.182156	0.746638	-1.33934	5.30E-05	0.210692	-4.74626	0.0119867	0.523752	-1.9093	0.000992847	0.364456	-2.74382	18.8984	12.7427	0.599356	1
cg03913271	0.00354866	0.76506	-1.30709	1.72E-05	0.550353	-1.81702	0.000140862	0.640661	-1.56089	0.492903	0.953902	-1.04833	16.2679	1.18331	0.0646569	1
cg02034949	0.38883	0.768512	-1.30122	0.0590832	1.90647	1.90647	0.625488	1.15752	1.15752	0.588377	1.17648	1.17648	4.36619	5.97212	1.06385	1
cg02788633	4.57E-06	0.350379	-2.85405	0.00615396	1.42769	1.42769	0.285141	1.11695	1.11695	0.457042	1.07838	1.07838	44.2595	6.95767	0.139735	1
cg01820777	0.0314964	0.6555	-1.52555	0.000835763	0.430947	-2.32047	0.000297135	0.373018	-2.68083	0.922604	0.98386	-1.0164	11.6605	5.17769	0.3947	1
cg20987323	0.126217	1.52044	1.52044	6.73E-05	0.157457	-6.35093	0.420634	0.81191	-1.23166	0.0965484	0.62998	-1.58735	10.58	10.7475	0.902958	1
cg03285219	0.00011309	0.392484	-2.54787	0.031191	0.705569	-1.4173	0.0164456	1.49831	1.49831	0.344074	1.14388	1.14388	10.1164	3.04808	0.267823	1
cg16555818	0.0020642	1.53947	1.53947	0.0216258	1.31551	1.31551	0.909914	0.988809	-1.01132	0.0459139	0.79653	-1.25545	9.40257	1.47217	0.139174	1
cg06074896	0.0288221	0.382116	-2.61701	0.000749414	0.148291	-6.7435	0.00274884	0.213926	-4.67451	0.0198692	0.350202	-2.85549	8.62533	19.0259	1.96073	1
cg22488268	0.024395	1.52886	1.52886	0.000261397	0.386731	-2.58578	0.358276	1.16127	1.16127	0.0725399	0.728245	-1.37316	8.04356	3.19111	0.352648	1
cg05242402	0.387085	1.54203	1.54203	0.000612819	13.1681	13.1681	0.0185499	4.03374	4.03374	0.451426	1.45471	1.45471	7.51487	28.403	3.35962	1
cg26754824	0.65478	0.943217	-1.0602	0.0542223	1.32814	1.32814	0.274815	0.862788	-1.15903	0.693722	0.949887	-1.05276	7.39794	1.9769	0.237532	1
cg11147695	0.148255	0.555464	-1.8003	0.584405	1.23054	1.23054	0.756217	0.889723	-1.12395	0.137961	0.545559	-1.83298	7.00213	13.5724	1.69603	1
cg02716288	0.189661	0.805803	-1.241	0.000291325	0.399308	-2.50433	0.219924	0.818343	-1.22198	0.0471899	0.702609	-1.42327	5.3412	2.04336	0.340058	1
cg08937407	0.480149	1.1351	1.1351	0.181476	1.2846	1.2846	0.0153769	0.591469	-1.69071	0.121617	0.743569	-1.34487	5.05646	2.49641	0.438851	1
cg20276772	0.864774	1.0555	1.0555	0.12607	0.591829	-1.68968	0.0557601	0.50316	-1.98744	0.697485	0.883563	-1.13178	4.66477	7.41968	1.41384	1
cg03032053	0.0341398	0.414572	-2.41212	0.0024694	0.223323	-4.47782	0.522538	0.793878	-1.25964	0.014476	0.341941	-2.92448	4.1223	8.28202	1.78585	1
cg27317975	0.00862932	1.73892	1.73892	0.0998129	0.74233	-1.34711	0.581105	1.09644	1.09644	0.560756	0.907394	-1.10206	3.92426	1.69639	0.384253	1
cg09914182	0.0659108	0.678445	-1.47396	0.0457957	1.53801	1.53801	0.862802	1.03306	1.03306	0.696343	1.07653	1.07653	3.65462	2.04618	0.497678	1
cg08310360	?	?	?	?	?	?	0.00035389	0.056574	-17.6759	0.611489	1.29232	1.29232	8.96661	23.7264	3.52811	1
cg12001709	0.000225764	1.74696	1.74696	0.186005	1.13602	1.13602	2.89E-07	3.94379	3.94379	2.46E-05	2.14569	2.14569	77.5405	10.1588	0.116455	1
cg04825215	8.35E-05	7.30722	7.30722	0.690133	1.11916	1.11916	1.42E-06	31.438	31.438	2.03E-06	26.8746	26.8746	63.6209	79.5172	1.11099	1
cg10942339	0.254677	0.823187	-1.21479	8.81E-08	0.0564539	-17.7136	0.00055429	0.41613	-2.40309	0.617387	0.920907	-1.08589	58.443	24.7734	0.376791	1
cg05399360	0.107467	1.21961	1.21961	0.0134925	0.707805	-1.41282	1.07E-07	6.93173	6.93173	0.00659891	1.4897	1.4897	46.2488	9.35404	0.179782	1
cg19620016	0.804531	0.960875	-1.04072	2.18E-07	0.0806619	-12.3974	6.60E-06	0.199203	-5.02	0.0828582	0.734098	-1.36222	43.4619	17.8319	0.3647	1
cg11802924	0.029145	1.26617	1.26617	0.000840183	0.630587	-1.58582	0.86286	1.016	1.016	3.76E-05	2.06831	2.06831	39.9642	5.33367	0.118632	1
cg21619017	0.974795	1.00372	1.00372	0.0139247	0.699736	-1.42911	5.68E-07	5.08032	5.08032	0.0581681	1.28614	1.28614	35.1834	7.69758	0.194475	1
cg12989719	0.000377873	0.238764	-4.18823	1.69E-06	0.0485388	-20.6021	0.000388996	0.240262	-4.16213	0.0202255	0.493621	-2.02585	25.6104	25.7813	0.894821	1
cg07109351	0.0421536	1.64855	1.64855	2.20E-05	0.162164	-6.16661	0.00168506	0.383456	-2.60786	0.00122494	0.364251	-2.74536	25.5316	18.4377	0.641912	1
cg10192572	0.535765	0.885373	-1.12947	5.28E-05	0.230829	-4.33222	0.0165852	0.566599	-1.76492	0.0113273	0.540284	-1.85088	22.3368	13.3349	0.530659	1
cg07315969	0.00414687	0.327045	-3.05768	1.22E-05	0.0681634	-14.6706	0.530465	0.831271	-1.20298	0.017256	0.43015	-2.32477	22.2071	29.7454	1.19063	1
cg04985163	0.00181986	0.293976	-3.40164	8.06E-05	0.140082	-7.13868	0.000176625	0.172667	-5.79149	0.27088	0.728576	-1.37254	21.8033	26.3511	1.07429	1
cg04842136	0.00164167	2.37409	2.37409	0.0715261	1.471	1.471	1.32E-05	5.76151	5.76151	0.000870226	2.60649	2.60649	19.9373	11.6138	0.517793	1
cg23574899	0.108003	0.703157	-1.42216	8.51E-06	0.142863	-6.99971	0.000409639	0.323982	-3.0866	0.111279	0.705837	-1.41676	19.5949	12.516	0.567767	1
cg22202357	0.0768962	0.554982	-1.80186	9.44E-06	0.0572585	-17.4647	7.76E-05	0.117531	-8.50842	0.084916	0.56539	-1.76869	19.1882	27.2257	1.26123	1
cg06284756	0.00088279	0.245546	-4.07256	6.71E-06	0.0597262	-16.7431	0.00113024	0.259243	-3.85739	0.112727	0.614803	-1.62654	18.5073	23.2696	1.11762	1
cg22545899	0.00158244	0.263136	-3.80032	5.29E-05	0.108396	-9.22544	7.41E-05	0.120094	-8.32681	0.276209	0.716491	-1.39569	18.4761	25.3525	1.21972	1
cg00333848	0.0190171	0.466938	-2.14161	6.34E-06	0.0670149	-14.9221	0.000911298	0.264446	-3.7815	0.0578801	0.562636	-1.77735	18.131	20.6595	1.01285	1
cg09003758	0.0238263	0.552189	-1.81097	7.32E-06	0.113417	-8.81702	0.000160753	0.241888	-4.13415	0.235476	0.760507	-1.31491	17.0512	13.0931	0.682548	1
cg03460245	0.323027	0.801893	-1.24705	3.83E-06	0.097284	-10.2792	0.216618	0.754875	-1.32472	0.478095	0.855569	-1.16881	16.1536	11.9679	0.658563	1
cg07207660	0.00209504	0.458755	-2.17981	1.17E-05	0.187998	-5.31929	0.0444196	0.659938	-1.51529	0.872993	1.02922	1.02922	15.7304	8.07473	0.456285	1
cg11964823	0.00917906	4.42579	4.42579	0.0872972	2.33684	2.33684	0.000276614	14.5314	14.5314	0.000520031	11.3966	11.3966	15.2951	48.9706	2.84597	1
cg25095587	0.00982231	0.617536	-1.61934	0.00409955	1.76605	1.76605	1.51E-05	3.75877	3.75877	0.00386937	1.77654	1.77654	14.477	5.0007	0.307044	1
cg04394691	0.847878	1.04371	1.04371	0.173028	0.723977	-1.38126	7.70E-05	4.93025	4.93025	0.946781	0.98524	-1.01498	14.3746	11.2974	0.6986	1
cg21896454	0.898455	0.952013	-1.05041	4.28E-05	0.0500348	-19.9861	0.682375	1.17173	1.17173	0.140971	1.84024	1.84024	12.5188	29.4162	2.08867	1
cg18571935	0.000802265	0.194601	-5.13871	3.81E-05	0.0776176	-12.8837	0.0406358	0.465476	-2.14834	0.018755	0.397992	-2.51261	12.4304	20.6022	1.47326	1
cg12120126	0.00129153	0.377033	-2.65229	0.789798	0.945938	-1.05715	0.00221108	2.44052	2.44052	0.0387259	1.64534	1.64534	12.2137	8.3704	0.609183	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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| Probeset ID | UCSC_REFGENE_NAME | p-value(Test) | p-value(1047 vs. N) | Fold-Change(1 vs.1047) | p-value(105T vs. N) | Fold-Change(1 vs.105T) | p-value(111T vs. N) | Fold-Change(1 vs.111T) | p-value(112T vs. N) | Fold-Change(1 vs.112T) | p-value(121T vs. N) | Fold-Change(1 vs.121T) | p-value(123T vs. N) | Fold-Change(1 vs.123T) | p-value(124T vs. N) | Fold-Change(1 vs.124T) | p-value(125T vs. N) | Fold-Change(1 vs.125T) | p-value(126T vs. N) | Fold-Change(1 vs.126T) | p-value(127T vs. N) | Fold-Change(1 vs.127T) |

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1577 vs. N)	Fold-Change(1577 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg22289007	MINK1;MINK1;MINK1	0.0479901	0.0080801	0.0701323	14.25358	0.771069	0.7956	-1.25691	0.791172	0.8122223	-1.23119	0.0054513	0.037995	2.087173	0.0228031	0.118206	-8.45981	0.185279	0.132563	-3.00695	0.0110126	0.0821254	-12.1765	0.107125	0.25198	-5.92479	1.44124	33.4745	8.64663	1
cg18414879	MINK1;MINK1;MINK1;MINK1	0.00274352	0.0050188	0.40591	-2.4636	0.001303	0.320681	-3.11836	0.00275382	0.366644	-2.72744	0.0358957	0.587686	-1.70159	0.0314725	0.328207	3.04686	0.0243744	0.521198	-1.91866	0.0025962	0.360764	-2.77189	0.0314808	0.37594	-2.66	0.0215551	0.511502	-1.95503	8.78778	8.21103	0.8305511	1
cg20330086	MINK1;MINK1;MINK1;MINK1	0.0028549	0.0100183	3.68018	3.68018	0.0819056	0.461796	-2.16546	0.0718147	2.23794	2.23794	0.0123496	3.48519	3.48519	0.830899	0.91786	-1.08949	0.038369	0.382239	-2.61616	0.00200496	5.74114	5.74114	0.00131953	6.50655	6.50655	0.0915175	2.105899	2.10589	8.6849	22.0951	2.2614	1
cg17788994	MINK1;MINK1;MINK1;MINK1	0.03007731	0.313042	0.856706	-1.16738	0.188106	1.229151	-1.22955	0.334251	1.44187	1.44187	0.88329	0.978474	-1.022	0.000928183	0.480338	-2.08193	0.00673005	0.594193	-1.68265	0.0026605	1.83014	1.83014	0.357373	1.350514	1.150653	0.4948355	1.10815	1.108151	8.4937	2.952325	0.3089661	1
cg22105017	MINK1;MINK1;MINK1;MINK1	0.00695308	0.872867	1.02062	1.02062	0.4402213	0.740477	-1.35048	0.581128	0.9314554	-1.07359	0.0819704	0.782251	-1.28736	0.4934194	0.821208	-1.21772	0.407594	0.897681	-1.11398	0.00311837	1.20657	2.02657	0.089946	2.26891	1.26891	0.820869	0.975155	-1.02932	6.629	1.70467	0.22858	1
cg17624368	MINK1;MINK1;MINK1;MINK1	0.0298366	0.00838681	1.86393	1.86393	0.10193	1.3924	1.3924	0.0232344	1.65139	1.65139	0.0977342	1.3999	1.3999	0.2684423	1.23896	1.23896	0.2063888	1.27945	1.27945	0.4485671	0.877222	-1.13996	0.00461148	2.00789	2.00789	0.6357221	0.915555	-1.09224	4.09676	2.21725	0.4813318	1
cg11965580	MINK1;MINK1;MINK1;MINK1	0.0363958	0.179741	1.29736	1.29736	0.28056	1.22244	1.22244	0.9314552	1.01584	1.01584	0.223135	0.791462	-1.26348	0.690223	0.92942	-1.07594	0.910924	0.979761	-1.02066	0.0026473	0.4677116	-2.13805	0.620651	1.09544	1.09544	0.018212	1.592294	-1.68835	1.812565	2.01569	0.469942	1
cg00663068	MINK1;MINK1;MINK1;MINK1;MINK1;M	0.0185071	0.414106	1.20939	1.20939	0.00621825	0.443866	-2.25294	0.288497	1.28521	1.28521	0.614884	1.12112	1.12112	0.78273	0.938992	-1.06497	0.00416162	0.41703	-2.39791	0.650203	0.901262	-1.10955	0.291611	0.779437	-1.28298	0.594528	0.848449	-1.13014	1.374696	3.06737	0.750009	1
cg20965513	INK1;MINK1;MINK1	0.0499161	0.210094	1.4032	1.4032	0.958294	1.0135	1.0135	0.323816	0.770009	-1.29869	0.184269	1.43508	1.43508	0.861406	0.956171	-1.04584	0.202587	0.708204	-1.41202	0.00948939	0.4304661	-2.32309	0.269772	1.34278	1.34278	0.0250918	1.98061	1.98061	3.39029	3.53208	0.926063	1
cg20185416	MINK1;MINK1;MINK1;MINK1	4.47E-06	0.376107	1.28988	-1.44973	0.1324212	1.2556	1.2556	0.1546	1.646106	2.987073	2.987073	1.33095	1.33095	0.0850148	0.8432715	-1.18586	0.2406072	1.18811	-1.1811	0.00207582	0.585633	-1.70755	0.346799	0.937575	-1.21952	0.997671	0.535555	0.1162887	1
cg16132151	MINK1;MINK1;MINK1;MINK1	0.00064623	0.2235597	-4.47234	0.000733183	0.232879	-4.29408	0.0346229	0.496814	-2.01283	0.4948273	0.529138	-1.88986	2.49E-05	0.0925861	-10.8008	0.00870442	0.380994	-2.58402	0.00190083	0.167582	-5.96722	0.0203651	0.290897	-3.43765	0.000953564	0.4707241	-6.04743	17.01696	21.7362	1.13522	1
cg06092298	MINP1;MINP1;MINP1;MINP1	0.00092154	0.053209	0.597051	-1.66097	0.0826753	0.12485	-3.07934	0.0019442	0.226139	-3.61979	0.150478	0.650072	-1.51726	0.000538464	0.2255816	-4.43188	0.02979	0.50687	-1.97236	0.00076554	0.172937	-5.58441	0.0023683	0.317607	-3.14955	0.00130902	0.282031	-3.54571	12.04319	16.92026	1	1
cg10767045	MINP1;MINP1;MINP1;MINP1	0.0054408	0.00586139	1.532726	-3.00547	0.00179298	0.257808	-3.87885	0.0742877	0.545096	-1.83454	0.22435	0.677444	-1.47524	0.2913389	0.7160228	-1.39659	0.01117 51	0.37901	-2.63845	0.000559308	0.195345	-5.11914	0.00609947	0.504435	-2.90331	0.182454	0.640395	-1.53989	7.276591	10.7282	1.31053	1
cg16694639	MINP1;MINP1;MINP1;MINP1	0.00555176	0.0135508	0.452889	-2.20805	0.00121354	0.292879	-3.41437	0.948316	1.01695	1.01695	0.813806	0.940667	-1.06308	0.553119	0.856703	-1.16727	0.02958 61	0.514754	-1.94268	0.00140804	0.288424	-3.51592	0.0038924	0.364988	-2.73982	0.217124	0.714153	-1.40026	7.122888	7.58222	0.946211	1
cg17649671	MINP1;MINP1;MINP1;MINP1	0.00599639	0.0912171	0.63224	-1.58168	0.167952	1.0697	1.0697	0.146655	0.828795	-1.36792	1.36792	0.0142227	1.38792	0.0148227	0.3128482	-3.19647	0.0028973	0.59601	-1.67773	0.2387952	0.761225	-1.31367	0.00178784	3.0081	3.0081	0.1683995	0.7299	-1.37028	0.2372	0.8005	0.2158	0.860955	1
cg23381224	MINP1;MINP1;MINP1;MINP1	0.00846407	0.136597	1.58777	1.58777	0.000497442	0.207873	-4.81063	0.00887338	0.382843	-2.61204	0.543676	1.19387	1.19387	0.277019	0.7218565	-1.38532	0.578092	1.17582	1.17582	0.1787 53	1.50955	1.50955	0.909254	1.03942	1.03942	0.110398	0.6055595	-1.65127	6.232035	8.20332	1.17	1
cg26140165	MINP1;MINP1;MINP1;MINP1	0.00936641	0.0320359	0.190648	-2.94944	0.0110289	0.253251	-3.94865	0.0909851	0.4484448	-2.22993	0.0920728	0.4498869	-2.22277	0.0819308	0.2341644	-4.27088	0.0118827	0.258579	-3.86729	0.00267826	0.10673	-9.36943	0.0232976	0.311046	-3.21496	0.066619	0.412159	-2.42519	6.035535	17.755	2.612802	1
cg08965730	MINP1;MINP1;MINP1;MINP1	0.00700765	0.02438311	0.742352	-1.34707	0.01515019	0.781924	-1.2789	0.1483471	1.18775	1.2159315	0.8664447	-1.15414	0.1712365	0.8307134	1.25406	1.25406	0.0080585	0.557266	-1.79447	0.00237033	0.63079	-1.58531	0.98082	1.00267	1.00267	0.856296	1.020232	1.020232	0.162187	1.28984	0.1733178	1
cg00496102	MIOS	0.000892149	0.214402	0.775012	-1.2903	0.992008	1.00196	1.00196	0.324546	1.21943	1.21943	0.591491	1.11142	1.11142	2.81E-05	0.2005516	-4.98712	0.192342	1.30875	1.30875	0.035863	1.60976	1.60976	0.00601825	0.496677	-2.01338	0.0281327	0.603138	1.658	12.1528	7.31834	0.535286	1
cg21553878	MIOS	0.0165329	0.224061	0.3949	-2.53208	0.080674	2.14822	2.14822	0.361734	1.97328	1.97328	0.829771	1.16821	1.16821	7	7	7	0.0010818	0.234114	-4.1329	7	7	7	0.7047038	0.30418	-2.86386	0.1408881	1.17852	1.178521	36.6557	6.28527	1	
cg21303682	MIOS	0.0239308	0.0411351	1.37306	1.37306	0.587151	1.07656	1.07656	0.00424179	1.67364	1.67364	0.0085449	1.57061	1.57061	0.2705471	1.16635	1.16635	0.258274	0.853239	-1.17201	0.640216	1.06539	1.06539	0.165967	0.819735	-1.21991	0.0945247	2.28054	1.28054	4.42382	1.26844	0.254872	1
cg19949959	MIOX	0.00470505	0.210521	1.84165	-1.5988	0.0434338	0.242548	1.18468	0.0018455	2.042548	1.51597	0.0209099	0.852332	1.46513	0.0028139	0.4900438	-2.04029	0.0384362	0.63696	-1.56996	0.807891	0.955222	-1.04688	0.00074385	0.38179	-2.61924	0.427766	0.858764	1.16446	7.1477	7.00361	0.497889	1
cg23775206	MIOX	0.0098266	0.221613	0.624361	-1.60164	0.0235036	2.69662	2.69662	0.0151121	0.334675	-2.98797	0.0393742	0.417332	-2.39617	0.00524581	0.259254	-3.85722	0.461591	1.31626	1.31626	0.578448	0.7889	0.8939	1.2285	0.00442712	0.248447	-4.02501	0.281698	0.663524	-1.5071	9.93873	12.6437	1.89246	1
cg20300072	MIOX	0.0033624	0.183777	1.58208	1.58208	0.0197654	0.354158	1.96158	0.0017693	2.824158	1.66965	0.0186462	0.586541	1.70495	0.0014882	0.3542308	-2.82303	0.114471	0.32681	-3.06025	0.00180156	0.535482	-1.86855	0.0015653	0.375192	-2.66566	0.057916	0.454827	-2.21852	8.929771	0.84419	1.185475	1
cg09895653	MIOX	0.037343	0.254014	0.762407	-1.31164	0.019709	0.526518	-1.89927	0.00950266	0.473188	-2.11332	0.268139	0.768979	-1.30043	0.0107256	0.487181	-2.07563	0.586493	0.882425	-1.13324	0.384893	1.22494	1.22494	0.0224386	0.534642	-1.86421	0.357028	0.805949	-1.24077	3.77113	3.10278	0.730191	1
cg08645298	MIOX;MIOX	0.00221849	0.0004042	0.286363	-3.49097	0.0193344	0.253259	-3.94865	0.0909851	0.4484448	-2.22993	0.0920728	0.4498869	-2.22277	0.0819308	0.2341644	-4.27088	0.0118827	0.258579	-3.86729	0.00267826	0.10673	-9.36943	0.0232976	0.311046	-3.21496	0.066619	0.412159	-2.42519	6.035535	17.755	2.612802	1
cg16908845	MIP	1.13E-05	0.0312631	0.606489	-1.64883	0.00400395	0.128503	-3.00431	0.304411	0.19345	0.76162	-1.31299	0.391478	0.840514	-1.18975	3.68E-06	0.117246	0.525905	0.780763	-1.28154	0.0026798	0.0155566	-6.43995	0.0001679	0.0010206	-9.80939	0.000552225	0.375324	-2.66436	29.92211	18.7661	0.557469	1
cg03986640	MIP	3.21E-05	0.732053	1.07079	1.07079	4.77E-06	0.124566	-8.02787	0.109341	0.706506	-1.41542	0.000247347	0.299901	-3.33443	3.57E-06	0.1148074	8.71028	0.0055566	0.484363	-2.06457	0.000578525	0.34664	-2.88484	0.00504109	0.478024	-2.09195	0.000952225	0.375324	-2.66436	29.92211	18.7661	0.557469	1
cg17645541	MIP	0.00769663	0.0096984	0.430388	-2.32357	0.0011504	0.211054	1.11064	0.0021985	0.191961	0.33222	-3.37435	0.0124906	0.214996	-4.65124	0.241174	1.36379	0.0020564	0.219903	-4.54922	0.0013196	0.1992	0.0020634	0.245114	0.18793	1.5203	0.0031853	0.1992	1.52033	0.0031829	0.1992	-5.00257	0.0040818	0.170464	-2.69912	12.7207	13.735	0.934509	1
cg12617332	MIP	0.00178019	0.845276	1.05065	1.05065	0.0020806	0.333889	-2.99501	0.000240066	0.214996	-6.65124	0.241174	1.36379	1.36379	0.1573183	0.450119	2.22164	0.536348	0.853559	-1.17157	0.692441	1.10576	1.10576	0.0021824	0.337221	-2.96541	0.0069557	0.413535	-2.41817	9.577933	10.1013	0.900257	1
cg10404142	MIP	0.00818533	0.0258282	0.488552	-2.04785	0.0043438	0.242548	1.18468	0.0018455	2.042548	1.51597	0.0209099	0.852332	1.46513	0.0028139	0.4900438	-2.04029	0.0384362	0.63696	-1.56996	0.807891	0.955222	-1.04688	0.00074385	0.38179	-2.61924	0.427766	0.858764	1.16446	7.1477	7.00361	0.497889	1
cg03677924	MIP	0.0168458	0.0076579	0.289635	-3.45263	0.0552816	0.455926	-2.19334	0.0129091	0.327659	-3.05196	0.047041	0.439701	-2.27427	0.00534647	0.265451	-3.76718	0.0943245	0.51435	-1.9442	0.00387702	0.245079	-4.08031	0.0936554	0.513517	-1.94735	0.0795442	0.494851	-2.02081	4.98465	10.3166	1.83971	1
cg10764468	MIPEP	0.00214783	0.411932	0.885684	-1.12907	0.00446082	0.448558	-2.22926	0.0024202	0.445258	-2.24606	0.0024202	0.444258	-2.25122	0.184257	0.050787	-19.6903	0.0852245	1.31699	1.31699	0.082422	1.51385	1.51385	0.36161	1.14533	1.14533	0.32076	0.862045	-1.16003	0.944334	3.13158	0.294772	1
cg24199394	MIPEP	0.0107597	0.0205594	0.3999	-2.50013	0.0044338	0.242548	1.18468	0.0018455	2.042548	1.51597	0.0209099	0.852332	1.46513	0.0028139	0.4900438	-2.04029	0.0384362	0.63696	-1.56996	0.807891	0.955222	-1.04688	0.00074385	0.38179	-2.61924	0.427766	0.858764	1.16446	7.1477	7.00361	0.497889	1
cg25905815	MIPEP	0.0163235	0.0318954	1.43998	1.43998	0.152503	0.800738	-1.24885	0.346356	0.868821	-1.15099	0.0875361	1.31455	1.31455	0.124337	1.2729	1.2729	0.0105078	1.59504	1.59504	0.00224157	1.85986	1.85986	0.735628	0.952046	-1.05037	0.990654	1.0017	1.0017	5.037311	1.67751	0.296015	1
cg26825102	MIPEP	0.0090806	0.0144387	1.80686	-1.24891	0.2232201	1.16932	1.16932	0.00275126	1.85961	1.85961	0.0156873	1.54615	1.54615	0.0992157	0.994219	-1.00553	0.9242634	0.84477	-1.18398	0.0021392	0.346334	2.88357	0.0018448	0.144296	6.93056	0.0012666	0.145423	6.87401	1.10621	4.681821	3.98952	0.849575	1
cg27621931	MIPEP	0.0382242	0.0841621	0.387432	-2.58011	0.0121984	0.21228	-4.71076	0.00920388	0.19385	-5.15863	0.323338	0.602771	-1.65901	0.0127073	0.215077	-4.64949	0.134554	0.440031	-2.27202	0.0234959	0.260951	-3.83155	0.944089	1.03542	1.03542	0.284261	0.575786	1.73676	3.74507	14.607	3.46696	1
cg11142013	MIPEP	0.0485533	0.114379	0.772673	-1.29421	0.853795	0.972676	-1.02809	0.0974206	0.760977	-1.3141	0.637443	1.06553	1.06553	0.00260039	0.5144334	-1.87114	0.140929	0.78834	-1.26849	0.507228	1.10633	1.10633	0.201631	1.22447	1.22447	0.332009	0.860448	-1.16218	3.142608	1.22383	0.31752	1
cg16382482	MIPEP;PCOTH;MIPEP;PCOTH	0.00773239	0.3632372	1.08437	1.08437	0.0074262	0.371573	-4.17411	0.0129073	0.327659	-3.05196	0.047041	0.439701	-2.27427	0.00534647	0.265451	-3.76718	0.9242634	0.84477	-1.18398	0.0021392	0.346334	2.88357	0.0018448	0.144296	6.93056	0.0012666	0.145423	6.87401	1.10621	4.681821	3.98952	0.849575	1
cg24388780	MIPEP;PCOTH;MIPEP;PCOTH	0.0101059	0.0407257	0.688997	-1.45138	0.602818	1.0863	1.0863	0.910426	0.982483	-1.01719	0.362321	0.862743	-1.15909	0.0147303	0.621092	-1.61007	0.705178	0.16177	-6.18477	0.0010777	0.201871	0.970627	-1.02184	0.00255024	0.386759	-2.58559	0.176001	0.797032	-1.25466	5.890073	2.31966	0.350028	1
cg27932484	MIPEP;PCOTH;MIPEP;PCOTH	0.0163612	0.209021	0.677227	-1.47632	0.0121984	0.21228	-4.71076	0.00920388	0.19385	-5.15863	0.323338	0.602771	-1.65901	0.0127073	0.215077	-4.64949	0.056084	0.16482	-6.06683	0.0010777	0.201871	0.970627	-1.02184	0.00255024	0.386759	-2.58559	0.176001	0.797032	-1.25466	5.890073	2.31966	0.350028	1
cg17436805	MIPEP;PCOTH;PCOTH	0.00189054	0.0914946	1.16556	1.16556	2.84E-05	0.97077	1.97077	0.814659	1.01955	1.01955	0.25095	1.11627	1.11627	0.789585	0.978193	-1.02229	0.170939	1.12778	1.12778	0.0836432	0.853986	-1.17098	0.2959554	0.914531	-1.09346	0.298071	1.093	1.093	9.80112	1.05496	0.0956775	1
cg24103151	MIPOL1	0.0281302	0.0115174	0.659976	-1.51525	0.020183	1.14362	1.14362	0.0012686	2.108725	1.08725	0.568375	1.15121	1.15121	0.0499264	0.7608183	-1.3141	0.0003272	0.21303	-4.75503	0.2845	1.278	1.278	0.0868004	0.5005	1.04085	0.726125	0.7734647	-1.29296	9.354455	7.62096	0.724175	1
cg16908845	MIP	1.13E-05	0.0312631	0.606489	-1.64883	0.00400395	0.128503	-3.00431	0.19345	0.76162	-1.31299	0.391478	0.840514	-1.18975	3.68E-06	0.117246	8.52905	0.0228935	0.778918	-1.28383	0.566 07	0.0026768	-6.43995	0.0001679	0.0010206	-9.80939	0.000552225	0.375324	-2.66436	29.92211	18.7661	0.557469	1
cg03986640	MIP	3.21E-05	0.732053	1.07079	1.07079	4.77E-06	0.124566	-8.02787	0.109341	0.706506	-1.41542	0.000247347	0.299901	-3.33443	3.57E-06	0.1148074	8.71028	0.0055566	0.484363	-2.06457	0.000578525	0.34664	-2.88484	0.00504109	0.478024	-2.09195	0.000952225	0.375324	-2.66436	29.92211	18.7661	0.557469	1
cg17645541	MIP	0.00769663	0.0096984	0.430388	-2.32357	0.0011504	0.211054	1.11064	0.0021985	0.191961	0.33222	-3.37435	0.0124906	0.214996	-4.65124	0.241174	1.36379	0.0020564	0.219903	-4.54922	0.0013196	0.1992	0.0020634	0.245114	0.18793	1.5203	0.0031853	0.1992	1.52033	0.0031829	0.1992	-5.00257	0.0040818	0.170464	-2.69912	12.7207	13.735	0.934509	1
cg12617332	MIP	0.00178019	0.845276	1.05065	1.05065	0.0020806	0.333889	-2.99501	0.000240066	0.214996	-6.65124	0.241174	1.36379	1.36379	0.1573183	0.450119	2.22164	0.536348	0.853559	-1.17157	0.692441	1.10576	1.10576	0.0021824	0.337221	-2.96541	0.0069557	0.413535	-2.41817	9.577933	10.1013	0.900257	1
cg10404142	MIP	0.00818533	0.0258282	0.488552	-2.04785	0.0043438	0.242548	1.18468	0.0018455	2.042548	1.51597	0.0209099	0.852332	1.46513	0.0028139	0.4900438	-2.04029	0.0384362	0.63696	-1.56996	0.807891	0.955222	-1.04688	0.00074385	0.38179	-2.61924	0.427766	0.858764	1.16446	7.1477	7.00361	0.497889	1
cg03677924	MIP	0.0168458	0.0076579	0.289635	-3.45263	0.0552816	0.455926	-2.19334	0.0129091	0.327659	-3.05196	0.047041	0.439701	-2.27427	0.00534647	0.265451	-3.76718	0.0943245	0.51435	-1.9442	0.00387702	0.245079	-4.08031	0.0936554	0.513517	-1.94735	0.0795442	0.494851	-2.02081	4.98465	10.3166	1.83971	1
cg10764468	MIPEP	0.00214783	0.411932	0.885684	-1.12907	0.00446082	0.448558	-2.22926	0.0024202	0.445258	-2.24606	0.0024202	0.444258	-2.25122	0.184257	0.050787	-19.6903	0.0852245	1.31699	1.31699	0.082422	1.51385	1.51385	0.36161	1.14533	1.14533	0.32076	0.862045	-1.16003	0.944334	3.13158	0.294772	1
cg24199394	MIPEP	0.0107597	0.0205594	0.3999	-2.50013	0.0044338	0.242548	1.18468	0.0018455	2.042548	1.51597	0.0209099	0.852332	1.46513	0.0028139	0.4900438	-2.04029	0.0384362	0.63696	-1.56996	0.807891	0.955222	-1.04688	0.00074385	0.38179	-2.61924	0.427766	0.858764	1.16446	7.1477	7.00361	0.497889	1
cg25905815	MIPEP	0.0163235	0.0318954	1.43998	1.43998	0.152503	0.800738	-1.24885	0.346356	0.868821	-1.15099	0.0875361	1.31455	1.31455	0.124337	1.2729	1.2729	0.0105078	1.59504	1.59504	0.00224157	1.85986	1.85986	0.735628	0.952046	-1.05037	0.990654	1.0017	1.0017	5.037311	1.67751	0.296015	1
cg26825102	MIPEP	0.0090806	0.0144387	1.80686	-1.24891	0.2232201	1.16932	1.16932	0.00275126	1.85961	1.85961	0.0156873	1.54615	1.54615	0.0992157	0.994219	-1.00553	0.9242634	0.84477	-1.18398	0.0021392	0.346334	2.88357	0.0018448	0.144296	6.93056	0.0012666	0.145423	6.87401	1.10621	4.681821	3.98952	0.849575	1
cg25938287	MIPI10-1;PANK3	0.0386932	0.813047	0.1019	0.1019	0.5794143	0.7527	-1.32855	0.263401	0.858625	-1.1671	0.683183	0.762994	-1.31063	0.567161	0.07967	1.07967	0.0210208	0.607863	-1.64511	0.444264	1.24225	1.24225	0.311171	0.747188	-1.33835	0.0030739	0.388885	2.574566	1.89079	0.548473	0.2808373	1
cg24128427	MIPI05-2;GABRA3	0.00772568	0.194689	0.623987	-1.6026	0.600245	1.19936	1.19936	0.0310171	0.41875	-2.38806	0.0275037	0.408076	-2.45052	0.000790032	0.174869	-5.71855	0.0489282	0.461613	-2.16632	0.0187431	0.375584	-2.66252	0.00277062	0.242031	-4.13171	0.03086	0.4182294	-2.39066	6.4141	12.0068	1.66395	1
cg24033151	MIPOL1;MIPOL1	0.0202607	0.0172597	0.562892	-1.77654	0.021196	1.12196	1.12196	0.0145252	1.89356	1.89356	0.0156873	1.54615	1.54615	0.0992157	0.994219	-1.00553	0.0010183	0.14512	-6.89	0.0030705	0.15518	1.50518	0.20628	1.87879	1.87879	0.1	1.01194	0.9803	1.14596	0.400471	0.10194	4.8E-05	0.0001754	0.164598	1.43874	0.1627	0.188883	1
cg24445034	MIR107;PANK1;PANK1;PANK3	0.0107095	0.520079	1.25757	1.25757	0.562967	0.813363	-1.22946	0.135698	0.566663	-1.76472	0.777352	1.10533	1.10533	0.0018652	0.10773	-9.28245	0.513438	0.791283	-1.26377	0.121993	1.80776	1.80776	0.387428	0.731302	-1.36742	0.619138	0.837775	-1.19364	5.782111	14.4263	1.75657	1
cg24884929	MIR10A-5P	0.0175162	0.0413023	0.406054	-2.46	0.458	0.4158	-2.40458	0.0122948	2.53466	2.53466	0.0122948	2.53466	2.53466	0.0122948	2.53466	-2.40458	8.49E-06	8.3599	-1.19633	0.344378	0.83778	1.19353	0.59139	0.243668	1.69107	0.594154	1.31087	1.310867	1.42525	0.701387	1.43936	0.1439	14.5587	1.43936	0.100324	1
cg04514255	MIR10A	0.00017587	0.706947	0.920886	-1.08591	1.25E-05	7.44573	7.44573	0.00109234	2.8614	2.8614	0.0608316	1.58591	1.58591	0.0381651	0.591941	-1.68936	0.00104133	2.88463	2.88463	0.0093281	0.486972	-2.05351	0.256408	0.7722201	-1.295	0.585373	1.886728	-1.12774	19.02115	14.346	0.6704	1
cg15649236	MIR10A	0.00028503	0.524782	1.2628	1.2628	3.45E-05	18.1814	18.1814	0.00119559	5.57871	5.57871	0.00516942	3.80601	3.80601	0.0935498	0.729919	-1.37002	0.00119573	5.57853	5.57853	0.651704	0.848311	-1.17681	0.00040144	10.8085	10.8085	0.944504	1.02552	-1.02552	16.6269	34.5142	1.84516	1
cg20727240	MIR10B;MIR10B	0.00689631	0.2150067	1.784487	1.784487	0.0107964	0.31196	-3.20567	0.0067455	2.73807	2.73807	0.0713162	1.549571	1.549571	0.0365744	0.645361	-1.54989	0.0004668	0.67017	-1.49201

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22706157	MIR1272;RBPMS2	0.00530024	0.038062	0.694296	-1.44031	0.0199138	0.652857	-1.53173	0.00260449	0.531064	-1.88301	0.221423	0.822813	-1.21534	0.0124332	0.623737	-1.60324	0.391034	1.14266	1.14266	0.00419827	1.78937	1.78937	0.63897	1.07433	1.07433	0.140952	0.78641	-1.2716	7.20889	2.62877	0.324139	1
cg11935618	MIR1272;RBPMS2	0.022724	0.52322	0.899684	-1.1115	0.00227881	0.497973	-2.00814	0.257313	0.824354	-1.21307	0.357627	1.16716	1.16716	0.843502	0.968221	-1.03282	0.185477	1.25786	1.25786	0.00692435	0.564951	-1.77006	0.303398	1.19026	1.19026	0.797367	1.04294	1.04294	4.50355	1.90413	0.375828	1
cg18007341	MIR1275	0.000344078	0.00280897	0.460012	-2.17385	0.597808	1.10563	1.10563	0.000304738	0.330655	-3.0243	0.508444	0.881145	-1.13489	0.0691969	0.681489	-1.46737	0.00868429	0.532129	-1.87924	1.72E-05	0.189624	-5.27361	0.000924259	0.393269	-2.54279	0.0172429	0.578536	-1.7285	15.8433	8.92718	0.500859	1
cg01956472	MIR1275	0.00961052	0.442678	1.43049	1.43049	0.29712	0.609927	-1.63954	0.702503	0.839015	-1.19187	0.344201	1.56152	1.56152	0.0167159	0.26287	-3.80416	0.103828	2.25584	2.25584	0.000387543	0.0751253	-13.3111	0.30427	0.61469	-1.62684	0.144546	0.488293	-2.04795	5.98608	19.8342	2.94524	1
cg04259565	MIR1275	0.0101854	0.055114	1.28391	1.28391	0.210896	1.16357	1.16357	0.00623018	0.663801	-1.50648	0.0242614	0.734437	-1.36159	0.0870103	0.804775	-1.24258	0.17908	1.17825	1.17825	0.0748344	1.25613	1.25613	0.418036	1.09978	1.09978	0.0159175	0.712276	-1.40395	5.87596	1.22912	0.185935	1
cg08969297	MIR1278;CDC73	0.0288729	0.0132719	1.91539	1.91539	0.0155984	0.533657	-1.87386	0.174851	0.736665	-1.35747	0.794607	1.05681	1.05681	0.0470327	1.61835	1.61835	0.0897167	1.48614	1.48614	0.101736	1.46143	1.46143	0.945061	1.0147	1.0147	0.568061	0.884962	-1.12999	4.14266	2.94294	0.631466	1
cg19629843	MIR1279;CPSF6	0.0321457	0.598511	0.788127	-1.26883	0.359729	0.655758	-1.52495	0.187229	0.534529	-1.87081	0.0103724	0.235364	-4.24873	0.00909067	0.226438	-4.41622	0.53375	1.32633	1.32633	0.140008	0.4909	-2.03707	0.390248	1.48365	1.48365	0.00848091	0.22185	-4.50756	3.98739	12.6806	2.82683	1
cg13662173	MIR127;MIR433;RTL1	0.0111491	0.821227	1.03931	1.03931	0.00747714	1.79809	1.79809	0.0197229	0.618898	-1.61577	0.0763669	1.39921	1.39921	0.907439	0.980378	-1.02001	0.026524	1.56527	1.56527	0.014588	1.66947	1.66947	0.738068	0.944422	-1.05885	0.0432034	0.67283	-1.48626	5.70769	2.62411	0.408667	1
cg18862502	MIR127;RTL1	7.52E-07	0.00036935	0.560533	-1.78402	0.112796	0.839224	-1.19158	3.91E-07	0.229072	-4.36544	7.96E-08	0.1641	-6.09385	0.0251472	1.31053	1.31053	0.00443035	1.47053	1.47053	0.000122492	1.97529	1.97529	0.375187	1.09683	1.09683	0.00161267	0.631823	-1.58272	78.8478	12.8765	0.145163	1
cg25063505	MIR127;RTL1	0.000369988	0.0286965	0.787062	-1.27055	0.000593996	1.63559	1.63559	0.930023	0.991883	-1.00818	0.0843825	0.837658	-1.19381	0.565893	1.05533	1.05533	0.126805	1.1656	1.1656	1.35E-05	2.32768	2.32768	0.108622	1.17631	1.17631	0.540356	0.944107	-1.0592	15.5303	2.11775	0.121211	1
cg13555689	MIR127;RTL1	0.00278481	0.594425	0.903238	-1.10713	0.00166176	2.34443	2.34443	0.332487	1.20844	1.20844	0.331633	1.20887	1.20887	0.706166	1.07436	1.07436	0.460466	1.15293	1.15293	0.393923	1.17983	1.17983	0.0545833	0.661696	-1.51127	0.000221781	0.312039	-3.20472	8.74904	4.9693	0.504874	1
cg21217911	MIR127;RTL1	0.00309561	0.069013	1.28547	1.28547	0.0128411	1.46429	1.46429	0.00435375	1.60029	1.60029	0.720471	1.04535	1.04535	0.00228292	1.693	1.693	0.0123634	1.46871	1.46871	0.000513192	1.95289	1.95289	0.00433117	1.60099	1.60099	0.626767	0.94131	-1.06235	8.47873	2.04554	0.214449	1
cg05899507	MIR127;RTL1	0.00650845	0.185799	0.799504	-1.25078	0.0146522	1.615	1.615	0.0167093	0.627535	-1.59354	0.268297	0.832012	-1.20191	0.703679	0.940868	-1.06285	0.09417	1.34113	1.34113	0.00753563	1.73055	1.73055	0.918064	0.983721	-1.01655	0.0036883	0.534738	-1.87008	6.76664	2.72639	0.358147	1
cg24721750	MIR127;RTL1	0.00758898	0.240157	1.2682	1.2682	0.00436274	0.479159	-2.08699	0.0435413	0.638649	-1.56581	0.0222017	0.588813	-1.69833	0.0030739	0.457044	-2.18797	0.00390903	0.472174	-2.11786	0.0909121	0.697816	-1.43304	0.0120098	0.5459	-1.83184	0.110385	0.71453	-1.39952	6.45012	3.81298	0.525465	1
cg21384588	MIR128-2;ARPP-21	0.0147052	0.0122939	9.40296	9.40296	0.00234578	21.1541	21.1541	0.010442	10.1465	10.1465	0.735069	0.783402	-1.27648	0.169251	2.86491	2.86491	0.771251	1.2331	1.2331	0.0993695	3.6629	3.6629	0.00938581	10.6676	10.6676	0.0295247	6.30863	6.30863	5.21479	42.6633	7.27219	1
cg24102420	MIR128-2;ARPP-21	0.0343023	0.0439859	4.60503	4.60503	0.00615741	10.5668	10.5668	0.0127534	7.70302	7.70302	0.588188	0.697194	-1.43432	0.14826	2.78205	2.78205	0.751734	1.23293	1.23293	0.233639	2.2793	2.2793	0.0172171	6.78617	6.78617	0.0635541	3.96027	3.96027	3.89538	26.8559	6.12827	1
cg13383435	MIR128-2;ARPP-21	0.0459625	0.0391786	5.07452	5.07452	0.0119837	8.44291	8.44291	0.0697614	3.97574	3.97574	0.960614	0.96695	-1.03418	0.216571	2.42287	2.42287	0.240748	2.30679	2.30679	0.108292	3.29482	3.29482	0.00779503	10.2254	10.2254	0.0296149	5.7137	5.7137	3.49766	25.6584	6.52077	1
cg06620200	MIR1283-1	0.00104263	0.000193939	0.0514935	-19.4199	0.661654	1.23154	1.23154	0.00239788	0.135241	-7.39421	0.00330382	0.150675	-6.63679	0.00450855	0.166905	-5.99144	0.00107469	0.101831	-9.82016	0.00221696	0.131654	-7.59567	0.00521935	0.175001	-5.71426	0.354566	0.637351	-1.56899	11.628	41.1923	3.14891	1
cg26377653	MIR1283-1	0.00882527	0.00123044	0.17744	-5.6357	0.0519557	0.445294	-2.24571	0.0404299	0.420627	-2.3774	0.201612	0.610571	-1.63781	0.011876	0.316961	-3.15496	0.00181918	0.197591	-5.06097	0.0661287	0.470403	-2.12583	0.00888977	0.295799	-3.38067	0.108829	0.527377	-1.89618	6.15049	13.0392	1.88447	1
cg23101686	MIR1283-1	0.0291675	0.00325603	0.164174	-6.0911	0.0344645	0.329331	-3.03646	0.0466852	0.358532	-2.78915	0.152911	0.501889	-1.99247	0.00730987	0.210637	-4.74751	0.372163	0.661906	-1.51079	0.0196013	0.280825	-3.56093	0.381822	0.667687	-1.49771	0.257893	0.587611	-1.7018	4.12781	13.259	2.85522	1
cg16908824	MIR1283-2	5.73E-06	1.44E-07	0.107934	-9.2649	6.05E-05	0.367888	-2.71822	2.16E-05	0.315545	-3.16912	0.0257528	1.4297	1.4297	0.381066	1.12893	1.12893	0.020322	0.685523	-1.45874	0.828747	0.971183	-1.02967	0.00498929	0.605564	-1.65135	0.00692399	0.62392	-1.60277	46.8642	13.5229	0.256494	1
cg26242772	MIR1283-2	5.90E-05	1.70E-05	0.147055	-6.80019	5.58E-05	0.196301	-5.09422	0.000101207	0.223858	-4.46711	0.000584857	0.315137	-3.17323	0.00149602	0.369875	-2.70362	4.34E-05	0.185297	-5.39673	0.181743	0.734936	-1.36066	0.000199642	0.257461	-3.88409	0.0582823	0.628194	-1.59187	25.4806	19.0486	0.664509	1
cg02991888	MIR1283-2;MIR516A1	0.0257312	0.0135162	0.202098	-4.9481	0.0391899	0.287015	-3.48414	0.00909882	0.176676	-5.66008	0.205473	0.497241	-2.0111	0.0135875	0.202455	-4.93937	0.0656702	0.339439	-2.94604	0.0067668	0.159445	-6.27177	0.0527683	0.316137	-3.16319	0.28119	0.556628	-1.79653	4.31369	18.6919	3.85169	1
cg03307581	MIR1289-2;FSTL4	0.0227659	0.802589	0.911178	-1.09748	0.0752079	0.479195	-2.08683	0.469525	0.760915	-1.31421	0.952596	0.978166	-1.02232	0.701219	0.866621	-1.15391	0.0419477	0.418765	-2.38797	0.000411098	0.12457	-8.02763	0.914855	1.04051	1.04051	0.672131	0.853785	-1.17126	4.50069	9.8288	1.9412	1
cg04062119	MIR1289-2;FSTL4	0.0331696	0.0582702	0.190333	-5.25396	0.00885944	13.2327	13.2327	0.295771	2.31751	2.31751	0.842543	1.1667	1.1667	0.0445956	0.167337	-5.97596	0.382175	0.499179	-2.00329	0.0309506	0.14031	-7.12707	0.799021	0.820542	-1.21871	0.201551	0.351506	-2.8449	3.94278	37.528	8.46059	1
cg04524088	MIR129-1	0.0112484	0.183545	1.29923	1.29923	0.000948142	2.49485	2.49485	0.149345	1.3322	1.3322	0.00114242	2.42873	2.42873	0.52207	1.12792	1.12792	0.119711	1.36781	1.36781	0.970004	0.993048	-1.007	0.0321286	1.59308	1.59308	0.17552	1.30637	1.30637	5.69139	3.1025	0.484552	1
cg03365311	MIR129-2	3.16E-06	0.230954	1.21448	1.21448	2.24E-05	3.72222	3.72222	0.514555	0.902847	-1.10761	0.280832	1.18927	1.18927	2.05E-06	6.10651	6.10651	0.896705	1.02029	1.02029	0.0108878	1.6394	1.6394	1.27E-07	13.35	13.35	0.000140911	2.7619	2.7619	54.619	20.6849	0.336633	1
cg16407471	MIR129-2	9.33E-05	0.000303814	3.36402	3.36402	0.570666	0.888307	-1.12574	0.948954	1.01332	1.01332	0.145798	1.38092	1.38092	0.832122	1.04485	1.04485	0.00370662	2.24879	2.24879	0.579186	1.12274	1.12274	1.38E-06	12.7674	12.7674	0.0589068	1.55407	1.55407	22.5532	15.2566	0.601309	1
cg01939477	MIR129-2	0.00128697	0.871481	1.0674	1.0674	0.0390574	2.61766	2.61766	0.221293	1.67864	1.67864	0.0627785	2.32451	2.32451	0.0224527	3.00914	3.00914	0.00649264	4.15939	4.15939	0.714758	1.15938	1.15938	2.34E-05	30.0876	30.0876	0.0046627	4.55318	4.55318	10.9506	28.1512	2.28511	1
cg11638181	MIR129-2	0.00135088	0.0346537	1.81085	1.81085	0.0109027	2.16088	2.16088	0.17509	1.41581	1.41581	0.10166	1.54039	1.54039	0.97097	0.991265	-1.00881	0.232147	1.35272	1.35272	0.247585	0.747174	-1.33838	1.95E-05	8.07209	8.07209	0.0875318	1.57577	1.57577	10.7996	9.94242	0.818334	1
cg15556502	MIR129-2	0.00168943	0.0330361	0.275499	-3.62978	0.836073	0.900724	-1.11022	0.983695	0.989743	-1.01036	0.14522	2.22096	2.22096	0.666351	0.803278	-1.2449	0.00171412	0.0911595	-10.9698	0.00927789	0.177132	-5.64551	0.000236892	28.399	28.399	0.117431	2.38457	2.38457	12.1362	47.8959	3.06953	1
cg14944647	MIR129-2	0.00255698	0.0553843	0.525305	-1.90366	0.463266	0.801449	-1.24774	0.85515	0.947267	-1.05567	0.920603	0.970876	-1.03	0.85156	0.945978	-1.05711	0.78522	1.08435	1.08435	0.0876204	0.571796	-1.74888	4.51E-05	9.85693	9.85693	0.577304	1.18165	1.18165	8.97231	12.489	1.23729	1
cg06372015	MIR129-2	0.00600041	0.499405	0.818379	-1.22193	0.000778693	4.41958	4.41958	0.00145074	3.8382	3.8382	0.936077	0.976824	-1.02373	0.362945	0.760839	-1.31434	0.130269	0.620195	-1.6124	0.527512	1.20579	1.20579	0.0300805	2.10805	2.10805	0.320342	1.35009	1.35009	6.93901	9.3914	1.20304	1
cg05376374	MIR129-2	0.0152406	0.485358	0.637618	-1.56834	0.102245	3.29967	3.29967	0.642322	0.744423	-1.34332	0.82882	1.14584	1.14584	0.435608	0.602767	-1.65902	0.634931	0.739428	-1.3524	?	?	?	0.000664354	88.6617	88.6617	0.817228	1.1567	1.1567	8.50502	43.3514	3.18572	1
cg14416371	MIR129-2	0.0363318	0.359084	1.53549	1.53549	0.531053	0.74934	-1.33451	0.312697	0.621938	-1.60788	0.53643	1.32936	1.32936	0.638123	0.806187	-1.24041	0.447085	1.42248	1.42248	0.885823	0.936749	-1.06752	0.000698706	10.4998	10.4998	0.813579	0.898141	-1.11341	3.81509	12.4963	2.91156	1
cg14901205	MIR129-2	0.0444015	0.345971	0.640165	-1.5621	0.0351907	3.08774	3.08774	0.0223211	3.51948	3.51948	0.0795205	0.408846	-2.44591	0.658908	0.81534	-1.22648	0.277588	0.595173	-1.68018	0.536614	1.33317	1.33317	0.023725	3.45798	3.45798	0.343088	1.56653	1.56653	3.54323	11.8515	2.97318	1
cg06529264	MIR1297	0.000240993	0.422126	0.878681	-1.13807	0.458872	1.12632	1.12632	0.633874	1.07862	1.07862	0.390608	0.870447	-1.14883	1.06E-05	0.226872	-4.40778	0.00093586	0.45893	-2.17898	0.000594151	0.433319	-2.30777	0.658286	1.07273	1.07273	0.00118096	0.472184	-2.11782	17.4637	6.8807	0.350223	1
cg09708598	MIR1297	0.00310796	0.452717	0.862015	-1.16007	0.0204904	0.581618	-1.71934	0.543223	0.887414	-1.12687	0.237732	0.786576	-1.27133	8.54E-05	0.254163	-3.93448	0.863578	1.03394	1.03394	0.0478906	1.55119	1.55119	0.451262	1.16065	1.16065	0.0318801	0.613768	-1.62928	8.4687	5.05321	0.530393	1
cg11677212	MIR1305	0.00106061	0.0293884	1.26848	1.26848	0.158091	1.15014	1.15014	0.0129428	1.33103	1.33103	0.00124979	1.54802	1.54802	0.00140655	1.53519	1.53519	0.0204991	1.29535	1.29535	4.28E-05	2.05607	2.05607	0.883505	0.986501	-1.01368	0.368489	1.08939	1.08939	11.5716	1.57468	0.120961	1
cg07797030	MIR1306;DGCR8	3.22E-06	0.00971957	0.62076	-1.61093	0.564339	1.08866	1.08866	0.579521	1.08501	1.08501	0.000304823	2.35206	2.35206	4.09E-08	0.0593131	-16.8597	0.909222	0.98351	-1.01677	0.00986236	0.621624	-1.60869	0.921118	1.01454	1.01454	0.551783	1.09173	1.09173	54.3635	18.2977	0.299183	1
cg22786486	MIR1306;DGCR8	0.000650949	0.818281	0.921048	-1.08572	0.133326	0.560639	-1.78368	0.214051	0.626566	-1.596	0.652592	1.17579	1.17579	1.20E-05	0.0366882	-27.2568	0.00403117	0.251475	-3.97654	0.00169523	0.201382	-4.96569	0.970679	1.01322	1.01322	0.313581	0.689035	-1.4513	13.2782	26.8564	1.79786	1
cg08706141	MIR1306;DGCR8	0.00163909	0.456671	1.28031	1.28031	0.0499886	0.48258	-2.07219	0.160373	0.613323	-1.63046	0.327467	0.719279	-1.39028	3.84E-05	0.0763087	-13.1047	0.0934434	1.82474	1.82474	0.00488253	0.29637	-3.37416	0.836515	1.06967	1.06967	0.54638	0.819563	-1.22016	10.215	17.1903	1.49587	1
cg22808478	MIR1306;DGCR8	0.00994135	0.910101	0.947055	-1.05591	0.404365	0.663038	-1.50821	0.0987201	0.418136	-2.39157	0.129707	0.454576	-2.19985	0.000251008	0.0545678	-18.3258	0.744486	0.854272	-1.17059	0.00666657	0.183531	-5.44867	0.549647	1.3385	1.3385	0.304591	0.599269	-1.6687	5.92175	21.7542	3.26543	1
cg06670785	MIR1306;DGCR8	0.0131091	0.889184	0.969737	-1.03121	0.653982	1.10456	1.10456	0.142703	1.41521	1.41521	0.2936	1.27142	1.27142	0.00247027	0.395455	-2.52873	0.00817614	0.47426	-2.10855	0.0374308	1.70284	1.70284	0.195142	1.35261	1.35261	0.455749	0.845823	-1.18228	5.41533	4.16701	0.683985	1
cg11242552	MIR1306;DGCR8	0.0136736	0.642646	1.09263	1.09263	0.0498636	1.52816	1.52816	0.615799	0.908533	-1.10068	0.873908	0.970339	-1.03057	0.00192881	0.435137	-2.29813	0.0821035	0.69406	-1.4408	0.210735	1.28405	1.28405	0.2545	1.25304	1.25304	0.0144014	1.77155	1.77155	5.3411	3.04053	0.506019	1
cg20689730	MIR1306;DGCR8	0.0153157	0.256232	1.57349	1.57349	0.0104336	3.43271	3.43271	0.0833336	2.08178	2.08178	0.280924	1.53521	1.53521	0.52131	0.779859	-1.28228	0.763134	0.890824	-1.12256	0.747647	1.13142	1.13142	0.000441326	8.35235	8.35235	0.441174	1.35043	1.35043	5.14511	11.9218	2.05966	1
cg01630479	MIR1306;DGCR8	0.0275099	0.227304	0.82463	-1.21266	0.0865412	0.749743	-1.33379	0.951431	1.00931	1.00931	0.387626	0.873967	-1.14421	0.0217008	0.65754	-1.52082	0.387383	0.873904	-1.14429	0.0063194	1.71769	1.71769	?	?	?	0.0677383	0.732487	-1.36521	4.28604	1.39647	0.325818	1
cg21285564	MIR1306;DGCR8	0.0301383	0.804705	0.937023	-1.06721	0.271854	1.35029	1.35029	0.186274	1.4447	1.4447	0.591827	0.867523	-1.15271	0.0102956	0.427886	-2.33707	0.140731	0.659661	-1.51593	0.0127892	0.443974	-2.25238	0.555618	1.16943	1.16943	0.0167203	0.46444	-2.15313	4.08016	4.45481	0.970509	1
cg18002519	MIR1307;PDCD11;USMG5	0.00466581	0.000181056	0.455683	-2.19451	0.454993	0.909911	-1.09901	0.139488	0.820955	-1.21809	0.625838	1.06286	1.06286	0.0198819	0.70557	-1.41729	0.710939	1.04726	1.04726	0.0831914	0.788241	-1.26865	0.0693131	0.777171	-1.28672	0.00269758	0.597909	-1.67249	7.4949	1.82698	0.216678	1
cg01681881	MIR130A	9.69E-06	0.904825	1.01435	1.01435	0.0211467	1.39125	1.39125	9.48E-05	2.28948	2.28948	3.96E-07	5.61656	5.61656	0.567277	0.933442	-1.0713	0.00590802	1.53568	1.53568	0.0654159	0.78166	-1.27933	6.44E-06	3.31306	3.31306	0.0504899	1.30409	1.30409	40.8978	9.19018	0.199743	1
cg05082527	MIR130A	0.0365524	0.174571	0.567954	-1.76071	0.0609727	2.2871	2.2871	0.790549	1.10991	1.10991	0.00716134	3.89725	3.89725	0.208639	1.68075	1.68075	0.942968	1.02842	1.02842	0.433155	0.731006	-1.36798	0.00718267	3.89423	3.89423	0.823535	1.09144	1.09144	3.8067	9.25213	2.16043	1
cg16974014	MIR130B	0.0292032	0.0209649	0.549047	-1.82134	0.00453975	0.442147	-2.26169	0.0750454	0.651857	-1.53408	0.818596	0.95162	-1.05084	0.0347102	0.587771	-1.70134	0.39741	0.829406	-1.20568	0.0240036	0.559238	-1.78815	0.016105	0.529582	-1.88828	0.942336	1.01574	1.01574	4.12602	3.04485	0.655967	1
cg02473781	MIR130B;MIR301B	0.00892677	0.72561	1.05538	1.05538	0.464207	0.892292	-1.12071	0.489304	1.11343	1.11343	0.768588	0.955869	-1.04617	0.472229	0.894174	-1.11835	0.411238	1.13716	1.13716	0.000367058	0.417749	-2.39378	0.0387574	0.693426	-1.44211	0.023084	1.51532	1.51532	6.12824	2.2713	0.329447	1
cg14030055	MIR130B;MIR301B	0.0230433	0.0122141	0.542224	-1.84426	0.0968318	0.69956	-1.42947	0.907347	0.977434	-1.02309	0.518448	1.13693	1.13693	0.000908011	0.378066	-2.64504	0.109188	0.710047	-1.40836	0.882964	0.971536	-1.0293	0.143144	0.734571	-1.36134	0.687053	0.923678	-1.08263	4.48195	2.72792	0.541019	1
cg16244770	MIR130B;MIR301B	0.0312031	0.0487143	0.382442	-2.61478	0.022446	0.311129	-3.2141	0.452914	0.721471	-1.38606	0.213794	0.571843	-1.74873	0.0620843	0.407852	-2.45187	0.0673317	0.41674	-2.39958	0.00261425	0.168705	-5.92752	0.0112601	0.257806	-3.87888	0.279056	0.618471	-1.61689	4.03003	11.635	2.56629	1
cg05744073	MIR132	0.00751432	0.105644	0.767242	-1.30337	0.00168663	1.95959	1.95959	0.175358	1.24112	1.24112	0.699076	0.943438	-1.05995	0.530024	1.10005	1.10005	0.111081	0.770908	-1.29717	0.00389635	0.558481	-1.79057	0.746016	0.952454	-1.04992	0.0474992	1.40465	1.40465	6.47014	2.30226	0.316292	1
cg12255698	MIR132	0.0330518	0.965783	0.995248	-1.00477	0.0254922	1.34284	1.34284	0.00187661	1.63169	1.63169	0.240259	0.872375	-1.1463	0.322968	1.12004	1.12004	0.69621	0.957364	-1.04453	0.705031	1.04313	1.04313	0.0605206	1.26493	1.26493	0.160738	1.18101	1.18101	3.94783	0.770997	0.173597	1
cg20332679	MIR1322;PINX1	0.0032113	0.00839483	0.376172	-2.65836	0.771578	0.918946	-1.0882	0.00224325	0.288688	-3.46395	0.578764	1.17686	1.17686	0.00105349	0.244855	-4.08405	0.00504448	0.340653	-2.93554	0.00291946	0.305	-3.27869	0.48412	1.22934	1.22934	0.0463112	0.515389	-1.94028	8.38664	11.1999	1.18706	1
cg02167149	MIR1322;PINX1	0.0132198	0.0313603	0.376598	-2.65535	0.0298819	0.372235	-2.68648	0.0217522	0.344647	-2.90152	0.573026	0.802318	-1.24639	0.00272088	0.201708	-4.95766	0.0204297	0.339413	-2.94626	0.00361873	0.218062	-4.58586	0.930489	1.03432	1.03432	0.0395761	0.398297	-2.51069	5.40047	12.7931	2.10567	1
cg20643675	MIR1323	0.000614434	8.39E-05	0.0769265	-12.9994	0.204082	0.615139	-1.62565	0.00277725	0.224158	-4.46114	0.00106781	0.173265	-5.77152	0.00186407	0.201844	-4.95433	0.000162315	0.0969532	-10.3143	0.24556	0.643837	-1.55319	0.00924284	0.301886	-3.3125	0.0391222	0.420829	-2.37626	13.4941	28.089	1.85029	1
cg24128045	MIR1323	0.000779273	0.000485097	0.200787	-4.98039	0.0181507	0.430828	-2.32111	0.000174203	0.154124	-6.48828	0.811233	0.93218	-1.07275	0.00164742	0.266464	-3.75286	0.0027949	0.298375	-3.35149	0.126869	1.6236	1.6236	0.00268375	0.295847	-3.38013	0.110992	0.600704	-1.66471	12.625	17.2266	1.21288	1
cg17392201	MIR1323	0.0435293	0.00326624	0.0582299	-17.1733	0.253544	0.429328	-2.32922	0.0378083	0.181233	-5.51775	0.116447	0.298315	-3.35216	0.0187008	0.132549	-7.54439	0.02418	0.148689	-6.72546	0.203411	0.385982	-2.59079	0.259374	0.434161	-2.30329	0.17336	0.35799	-2.79338	3.56956	28.4257	7.07856	1
cg05684371	MIR1324	0.0243833	0.0287314	0.520932	-1.91964	0.0112667	0.448214	-2.23108	0.052914	0.573438	-1.74387	0.576012	0.866911	-1.15352	0.0153723	0.471457	-2.12108	0.136152	0.666356	-1.5007	0.00661015	0.410124	-2.43829	0.00921148	0.433572	-2.30642	0.434959	0.817612	-1.22307	4.3952	4.4482	0.899608	1
cg16048942	MIR132;MIR212	0.000357188	0.000399574	0.287961	-3.4727	0.725382	0.925021	-1.08106	0.179004	1.37092	1.37092	7.91E-05	0.206645	-4.83923	0.000215145	0.255343	-3.9163	0.0303225	1.75535	1.75535	0.0908452	0.662547	-1.50933	0.0873653	0.658966	-1.51753	0.332927	1.24698	1.24698	15.6814	12.1291	0.687531	1
cg15671915	MIR133A1;MIB1	0.0207642	0.00601455	0.195807	-5.10708	0.0625507	0.3859	-2.59135	0.0166457	0.264933	-3.77454	0.32618	0.630948	-1.58492	0.00649256	0.200434	-4.98917	0.0197716	0.278404	-3.5919	0.0350636	0.32773	-3.05129	0.0199645	0.279181	-3.5819	0.686337	0.831574	-1.20254	4.64489	15.183	2.90555	1
cg03824238	MIR133B	0.000136343	0.439543	0.789093	-1.26728	0.00123591	0.241953	-4.13303	0.00140007	0.248946	-4.01693	0.000116441	0.131481	-7.60568	0.000140895	0.138896	-7.19964	0.00135237	0.246991	-4.04873	1.45E-05	0.0666177	-15.011	0.00210271	0.272606	-3.66829	0.00552518	0.334304	-2.99129	20.374	29.1315	1.27097	1
cg01648556	MIR134;MIR382;MIR668;MIR485	0.000148837	0.730894	0.961634	-1.0399	0.000889508	0.568887	-1.75782	4.13E-05	0.412542	-2.42399	0.774177	0.967928	-1.03313	8.31E-05	0.448074	-2.23177	0.125649	1.20659	1.20659	0.00119394	1.71282	1.71282	0.531995	0.930781	-1.07437	0.504047	1.07986	1.07986	19.8986	4.04651	0.180761	1
cg14942536	MIR134;MIR668;MIR382	0.0191529	0.638135	1.10431	1.10431	0.000399167	0.307231	-3.25488	0.0594124	0.640365	-1.56161	0.503433	0.867424	-1.15284	0.121688	0.70368	-1.4211	0.201852	0.75406	-1.32616	0.651761	1.09984	1.09984	0.0877511	0.673854	-1.484	0.341683	0.814469	-1.22779	4.7741	3.31734	0.617654	1
cg01533177	MIR134;MIR668;MIR382;MIR485	0.00525116	0.0188742	0.823516	-1.21431	0.0959297	0.882636	-1.13297	0.467929	1.05172	1.05172	0.10467	0.885959	-1.12872	0.920109	1.00687	1.00687	0.00595857	0.782323	-1.27824	0.000829002	1.41011	1.41011	0.374617	0.939677	-1.0642	0.0913586	0.880787	-1.13535	7.22946	0.533717	0.0656225	1
cg12573499	MIR134;MIR668;MIR382;MIR485	0.00652535	0.227448	1.29606	1.29606	0.0653412	1.52719	1.52719	0.713544	0.927312	-1.07839	0.221255	1.30105	1.30105	0.00021278	0.281839	-3.54812	0.384514	0.83319	-1.20021	0.0731385	1.50539	1.50539	0.459959	0.857286	-1.16647	0.652721	1.09715	1.09715	6.7612	4.48596	0.589765	1
cg13753460	MIR134;MIR668;MIR485	0.00039703	0.670938	1.10255	1.10255	6.81E-05	0.189299	-5.28265	0.00236037	0.379488	-2.63513	0.171828	1.39411	1.39411	0.110597	1.48758	1.48758	0.00810194	2.16947	2.16947	0.00175286	2.7696	2.7696	0.0782807	1.56334	1.56334	0.0651196	0.623099	-1.60488	15.2315	12.5876	0.734594	1
cg07287698	MIR135A2	0.000226838	0.0121222	0.543078	-1.84136	0.0101097	1.88423	1.88423	0.000137639	0.276112	-3.62172	0.00185388	0.422089	-2.36917	0.00457795	0.478556	-2.08962	0.000145841	0.279084	-3.58315	0.00020796	0.297598	-3.36024	0.927264	0.982333	-1.01799	0.0315727	0.611312	-1.63583	17.7537	10.7167	0.536562	1
cg23912509	MIR135A2	0.00301345	0.00289148	0.299177	-3.3425	0.46857	0.804726	-1.24266	0.00159784	0.263396	-3.79657	0.00858055	0.372445	-2.68496	0.0034829	0.310987	-3.21556	0.0015531	0.261752	-3.82041	0.00469489	0.330545	-3.02531	0.0769453	0.560219	-1.78502	0.00497889	0.334482	-2.9897	8.54679	11.7479	1.22181	1
cg15028128	MIR135A2	0.00481519	0.408864	1.18344	1.18344	0.0276646	1.68052	1.68052	0.222517	0.774446	-1.29125	0.87021	1.03314	1.03314	0.532318	0.88151	-1.13442	0.000318506	0.312801	-3.19692	0.0600509	1.52648	1.52648	0.0452519	1.58092	1.58092	0.0924331	1.44666	1.44666	7.42336	4.6742	0.559699	1
cg02999711	MIR135B	0.000167517	0.00367484	1.28654	1.28654	0.00067487	1.39587	1.39587	0.000587173	1.40606	1.40606	0.000120059	1.53929	1.53929	0.000267344	1.46788	1.46788	2.36E-05	1.7185	1.7185	0.0121378	1.2221	1.2221	0.318354	1.06841	1.06841	0.00108152	1.36285	1.36285	19.2738	1.25645	0.0579462	1
cg25202407	MIR135B	0.000220111	0.287948	0.92267	-1.08381	0.0591514	0.856043	-1.16817	0.0218201	0.818084	-1.22237	0.00404108	1.32534	1.32534	0.939923	0.994516	-1.00551	0.00954079	1.2706	1.2706	7.41E-06	2.0545	2.0545	0.359346	0.933557	-1.07117	0.125578	0.886096	-1.12855	17.8995	1.50869	0.0749213	1
cg04699566	MIR136;RTL1	0.00729395	0.641317	1.13653	1.13653	0.000845204	0.254396	-3.93088	0.862697	1.04835	1.04835	0.00260302	0.320527	-3.11987	0.604768	0.86726	-1.15306	0.571128	0.85545	-1.16898	0.0630017	1.76913	1.76913	0.881676	0.960187	-1.04146	0.0191962	0.461699	-2.16592	6.5307	7.69576	1.04746	1
cg02344891	MIR136;RTL1;MIR432	0.011299	0.0863906	0.769666	-1.29926	0.978095	1.0038	1.0038	0.667049	1.06164	1.06164	0.944208	0.990374	-1.00972	0.253354	1.17923	1.17923	0.873928	0.978294	-1.02219	0.000206807	2.36001	2.36001	0.772124	1.04095	1.04095	0.384629	0.884096	-1.1311	5.68314	1.71905	0.268873	1
cg23377000	MIR136;RTL1;MIR432	0.0115025	0.167801	0.761668	-1.31291	0.018424	0.588894	-1.6981	0.00147142	0.427381	-2.33983	0.626079	1.0952	1.0952	0.146382	1.33472	1.33472	0.508781	0.883266	-1.13216	0.150269	1.33053	1.33053	0.328595	1.20531	1.20531	0.042411	1.54163	1.54163	5.65047	3.06906	0.482801	1
cg18947995	MIR136;RTL1;MIR432	0.0161399	0.942403	0.981411	-1.01894	0.0833192	0.60785	-1.64514	0.0319693	0.520681	-1.92056	0.0309717	0.518014	-1.93045	0.00443087	0.373013	-2.68087	0.0309761	0.518026	-1.9304	0.306371	0.759568	-1.31654	0.00312493	0.350147	-2.85595	0.0126249	0.446972	-2.23728	5.05632	5.40032	0.949362	1
cg23682215	MIR136;RTL1;MIR432	0.0459153	0.059221	0.645061	-1.55024	0.0698282	0.658819	-1.51787	0.232714	1.2938	1.2938	0.0298769	0.590977	-1.69211	0.523044	0.875263	-1.14251	0.252268	0.781798	-1.2791	0.0972409	1.45443	1.45443	0.101507	0.691399	-1.44634	0.0260882	0.580751	-1.72191	3.49901	2.34785	0.596448	1
cg02961808	MIR138-2	0.00416221	0.276064	0.731026	-1.36794	0.000671278	0.237237	-4.2152	0.000434354	0.214767	-4.65621	0.957333	1.0149	1.0149	0.376257	0.777953	-1.28542	0.800382	0.932336	-1.07257	0.0442688	1.8945	1.8945	0.25347	0.719075	-1.39067	0.96431	0.987703	-1.01245	7.75886	9.39635	1.07649	1
cg07737292	MIR138-2	0.00687249	0.0842909	0.439334	-2.27617	0.0739698	0.424149	-2.35766	0.000247156	0.163249	-6.12562	0.00512214	0.203376	-4.91701	0.000965189	0.120479	-8.30022	0.841535	0.9174	-1.09004	0.0477622	0.377257	-2.65071	0.625948	1.23561	1.23561	0.0212623	0.303487	-3.29503	6.65312	19.5442	2.61119	1
cg03417340	MIR140;WWP2;WWP2	0.0121681	0.0162292	0.667789	-1.49748	0.858751	0.975831	-1.02477	0.756233	1.0437	1.0437	0.153087	1.23385	1.23385	0.108977	0.78657	-1.27134	0.283058	1.16555	1.16555	0.000704181	2.0325	2.0325	0.480134	0.906122	-1.1036	0.84392	1.02744	1.02744	5.54838	1.65761	0.265561	1
cg07281938	MIR140;WWP2;WWP2	0.0178517	0.112103	0.760846	-1.31433	0.0113736	1.64966	1.64966	0.107076	1.32038	1.32038	0.352788	0.859798	-1.16306	0.756175	1.05044	1.05044	0.841279	0.968819	-1.03218	0.00366847	1.86012	1.86012	0.367688	1.15742	1.15742	0.0482642	0.700067	-1.42844	4.8887	1.93258	0.351391	1
cg00158530	MIR140;WWP2;WWP2	0.0314777	0.0234915	0.533861	-1.87315	0.0211732	0.525822	-1.90178	0.836761	0.953275	-1.04902	0.00485772	0.42057	-2.37773	0.248235	0.75581	-1.32308	0.595538	0.88315	-1.13231	0.0878069	1.54808	1.54808	0.995319	1.00136	1.00136	0.110891	0.668404	-1.4961	4.01745	3.42292	0.757346	1
cg19794481	MIR141	0.000755201	0.0244378	0.716549	-1.39558	0.119321	0.810476	-1.23384	0.11325	0.807135	-1.23895	0.43859	0.906453	-1.1032	0.000162627	0.449347	-2.22545	0.00884182	0.660788	-1.51335	0.000165613	0.450297	-2.22076	0.0667343	0.774493	-1.29117	0.000176809	0.453711	-2.20405	12.7368	3.11749	0.217567	1
cg18185189	MIR141	0.00212315	0.00057205	0.488677	-2.04634	0.0954874	0.782004	-1.27877	0.000485869	0.479882	-2.08385	0.577858	0.927297	-1.0784	0.000905059	0.51349	-1.94746	0.00253424	0.569714	-1.75527	0.332834	0.874479	-1.14354	0.269028	0.856798	-1.16714	0.038483	0.724757	-1.37977	9.47528	2.70517	0.253776	1
cg02624246	MIR141	0.00306604	0.00314004	0.314496	-3.17969	0.110147	0.607229	-1.64682	0.00825361	0.3799	-2.63227	0.356468	1.31223	1.31223	0.000620334	0.221141	-4.522	0.00932257	0.388723	-2.57253	0.00159103	0.272988	-3.66316	0.346872	0.757664	-1.31985	0.0196642	0.446031	-2.242	8.50297	11.0537	1.15554	1
cg23067082	MIR141	0.00318294	0.0716655	0.651339	-1.5353	0.00205737	0.396334	-2.52312	0.1061	0.686448	-1.45677	0.570248	1.13009	1.13009	0.000988344	0.352207	-2.83924	0.00518363	0.455392	-2.19591	0.00165772	0.38309	-2.61035	0.195614	0.746951	-1.33878	0.00383474	0.43569	-2.29521	8.40883	6.05167	0.639716	1
cg12161331	MIR141	0.0188584	0.0155106	0.537191	-1.86153	0.484658	0.861878	-1.16026	0.123693	0.705398	-1.41764	0.931358	1.0182	1.0182	0.00257025	0.416871	-2.39882	0.0173203	0.545154	-1.83434	0.00865296	0.496304	-2.01489	0.313737	0.804062	-1.24369	0.0245847	0.57098	-1.75138	4.79918	3.32994	0.616762	1
cg00366413	MIR141;MIR200C	0.00085467	0.80757	1.04913	1.04913	0.301416	0.810223	-1.23423	0.848712	0.963159	-1.03825	0.0217936	1.71796	1.71796	2.94E-05	0.19989	-5.00275	0.00107339	0.386905	-2.58461	0.049476	0.643656	-1.55362	0.126029	0.72226	-1.38454	0.224023	0.777971	-1.28539	12.3009	7.52629	0.543867	1
cg19466818	MIR142	0.000632676	0.996902	1.00059	1.00059	0.000113422	0.354091	-2.82413	0.000129053	0.360904	-2.77082	0.36032	0.865844	-1.15494	0.114986	0.769108	-1.30021	0.0106979	1.63462	1.63462	0.098199	0.757427	-1.32026	0.085709	1.33767	1.33767	0.229687	0.824438	-1.21295	13.3843	4.97346	0.330302	1
cg10530767	MIR142	0.00409405	0.98141	1.00465	1.00465	0.674975	0.919439	-1.08762	0.00256682	0.434861	-2.29958	0.0236964	0.584019	-1.71227	0.0218375	1.72989	1.72989	0.0343556	1.63488	1.63488	0.00895231	1.93892	1.93892	0.0125511	1.85581	1.85581	0.409038	0.845215	-1.18313	7.79764	4.89833	0.558382	1
cg00057966	MIR142	0.00515571	0.769175	1.06938	1.06938	0.0296363	1.79259	1.79259	0.010792	0.481895	-2.07514	0.0709184	0.631311	-1.584	0.099017	1.51025	1.51025	0.00710384	2.20951	2.20951	0.00218873	2.66287	2.66287	0.0872028	1.53802	1.53802	0.401343	0.822169	-1.21629	7.27015	5.98329	0.73155	1
cg26112797	MIR142	0.00709557	0.00114496	2.17893	2.17893	0.761532	1.05083	1.05083	0.0606563	0.70856	-1.41131	0.532859	0.902225	-1.10837	0.0201199	1.57882	1.57882	0.018621	1.59146	1.59146	0.19857	1.24771	1.24771	0.266658	1.20746	1.20746	0.0290787	0.657706	-1.52044	6.5872	2.76811	0.373535	1
cg15035143	MIR142	0.0090012	0.85033	0.961412	-1.04014	0.134508	0.714513	-1.39955	0.0123087	0.522361	-1.91438	0.0485946	0.625441	-1.59887	0.916506	1.02209	1.02209	0.41689	1.18868	1.18868	0.00193821	2.4932	2.4932	0.0832915	1.49094	1.49094	0.0381598	0.606179	-1.64968	6.11212	4.201	0.610954	1
cg01951274	MIR142	0.0100137	0.497306	0.8502	-1.17619	0.893965	0.969082	-1.0319	0.00309172	0.385404	-2.59468	0.0467556	0.584983	-1.70945	0.553124	0.868234	-1.15176	0.252055	1.32548	1.32548	0.00282326	2.6344	2.6344	0.211589	1.36332	1.36332	0.117547	0.670103	-1.49231	5.90804	5.18953	0.780787	1
cg00176888	MIR142	0.011951	0.473336	1.15312	1.15312	0.803946	1.04979	1.04979	0.00519576	0.486485	-2.05556	0.123264	0.721691	-1.38563	0.421704	0.851854	-1.17391	0.179306	1.32136	1.32136	0.00135364	2.48198	2.48198	0.277052	1.24713	1.24713	0.865873	0.967515	-1.03358	5.5809	3.37319	0.537259	1
cg21232937	MIR142	0.0200823	0.455728	0.894941	-1.11739	0.96147	1.00708	1.00708	0.00306285	0.55294	-1.80851	0.225505	0.830294	-1.20439	0.599488	0.925499	-1.0805	0.120757	0.782036	-1.27871	0.0276544	0.683578	-1.46289	0.0730655	1.33922	1.33922	0.00798246	0.60847	-1.64347	4.698	1.58837	0.300528	1
cg07125256	MIR143;LOC728264	0.00146049	0.747509	0.938726	-1.06527	0.388124	1.18905	1.18905	0.00440467	0.475113	-2.10476	0.199872	0.767117	-1.30358	5.89E-05	0.233164	-4.28882	0.00180776	0.419559	-2.38345	0.261694	1.2575	1.2575	0.0540674	0.651789	-1.53424	0.269338	0.798364	-1.25256	10.5604	6.40964	0.539512	1
cg08752947	MIR143;LOC728264	0.023487	0.00806891	0.646338	-1.54718	0.0565018	1.32011	1.32011	0.0533108	1.32625	1.32625	0.110956	1.25027	1.25027	0.908994	1.01482	1.01482	0.0448431	1.3447	1.3447	0.456209	0.907007	-1.10253	0.277541	0.864809	-1.15632	0.120479	0.805236	-1.24187	4.45255	1.16662	0.232899	1
cg16684117	MIR143;LOC728264	0.0248219	0.661969	1.19487	1.19487	0.310778	1.5287	1.5287	0.0652179	0.432704	-2.31105	0.0395485	0.381568	-2.62077	0.825177	0.91436	-1.09366	0.988444	1.00588	1.00588	0.0045964	4.60261	4.60261	0.992631	0.996269	-1.00374	0.0193983	0.318558	-3.13915	4.36808	11.3305	2.30572	1
cg23917868	MIR145;LOC728264	0.00126879	0.0580042	0.695026	-1.4388	0.048766	0.682428	-1.46536	0.0144479	0.599447	-1.66821	0.014195	0.598296	-1.67141	2.35E-05	0.238365	-4.19524	0.0160104	0.606164	-1.64972	0.00357338	0.511671	-1.95438	0.0197296	0.619968	-1.61299	0.0479326	0.681189	-1.46802	10.9953	5.01952	0.405793	1
cg01310120	MIR145;LOC728264	0.0211699	0.0951744	0.5739	-1.74247	0.40243	1.29631	1.29631	0.0166245	0.412406	-2.42479	0.0190132	0.423191	-2.363	0.00434507	0.315315	-3.17144	0.0671701	0.537223	-1.86142	0.0102575	0.375338	-2.66426	0.18808	0.65545	-1.52567	0.087109	0.564308	-1.77208	4.61431	6.70326	1.2913	1
cg08264124	MIR1468	0.00476733	0.348927	0.621241	-1.60968	0.310793	0.595884	-1.67818	0.259305	0.559361	-1.78776	0.0601504	0.351093	-2.84825	0.00110231	0.0930276	-10.7495	0.311158	1.67748	1.67748	0.000448781	0.0650564	-15.3713	0.325938	0.606101	-1.64989	0.00526218	0.162577	-6.15092	7.44598	28.7401	3.43095	1
cg00868980	MIR1468	0.02062	0.0290498	0.346557	-2.88553	0.324776	0.657825	-1.52016	0.151417	0.53094	-1.88345	0.760802	1.13401	1.13401	0.00391344	0.202006	-4.95035	0.555731	0.782351	-1.2782	0.00272874	0.181935	-5.49647	0.0339295	0.360661	-2.77268	0.0520864	0.40248	-2.4846	4.65594	12.5092	2.3882	1
cg08464860	MIR1468	0.0325384	0.487304	1.16521	1.16521	0.943619	1.01544	1.01544	0.037661	0.593101	-1.68605	0.190153	0.740357	-1.3507	0.0399022	0.597736	-1.67298	0.00759628	2.10398	2.10398	0.0706187	1.5492	1.5492	0.524221	1.15008	1.15008	0.754179	1.07043	1.07043	3.97008	2.95157	0.660848	1
cg05858126	MIR146B	1.84E-05	0.00569857	0.39001	-2.56404	0.00108738	0.285925	-3.49742	0.0822564	0.606571	-1.64861	0.0017586	0.314272	-3.18196	5.28E-06	0.0684461	-14.61	0.00264115	0.339415	-2.94624	7.74E-07	0.0317483	-31.4977	0.403034	0.800729	-1.24886	0.000184425	0.193825	-5.1593	34.6155	36.9732	0.949431	1
cg05251190	MIR146B	0.00043213	0.0158796	0.447334	-2.23546	0.061826	0.563955	-1.77319	0.0986525	0.610678	-1.63752	0.0073008	0.389779	-2.56558	0.00166916	0.293924	-3.40224	0.00478367	0.360637	-2.77287	9.88E-06	0.075286	-13.2827	0.456127	0.813257	-1.22962	0.00122562	0.275841	-3.62528	14.8795	17.4788	1.04417	1
cg08437570	MIR146B	0.00233267	0.000415727	0.262606	-3.80798	0.00821253	0.446001	-2.24215	0.00499968	0.411895	-2.4278	0.00143428	0.332643	-3.00622	0.0311056	0.546532	-1.82972	0.0955257	0.645808	-1.54845	0.000812861	0.299491	-3.339	0.11683	0.665761	-1.50204	0.730411	0.920725	-1.0861	9.21779	8.32369	0.802669	1
cg09701700	MIR146B	0.00343686	0.0395849	1.83438	1.83438	0.00142816	3.24085	3.24085	0.289868	0.755768	-1.32316	0.291263	1.32201	1.32201	0.00116644	3.37077	3.37077	0.0481102	1.7786	1.7786	0.00339325	2.76016	2.76016	0.00269829	2.87686	2.87686	0.0378297	1.84761	1.84761	8.21844	8.45743	0.914737	1
cg15857661	MIR146B	0.0243428	0.111555	0.42128	-2.37372	0.082315	0.3829	-2.61165	0.237679	0.539574	-1.85331	0.240686	0.541902	-1.84535	0.00959881	0.194859	-5.13191	0.177542	0.489316	-2.04367	0.00105015	0.0890839	-11.2254	0.242006	0.542919	-1.84189	0.0239897	0.261033	-3.83093	4.39773	17.3279	3.50239	1
cg13442016	MIR146B	0.04744	0.0494024	0.307789	-3.24898	0.191891	0.483891	-2.06658	0.489195	0.691315	-1.44652	0.0824687	0.363966	-2.74751	0.0110182	0.187183	-5.34238	0.146261	0.440655	-2.26935	0.00394467	0.130339	-7.67232	0.567745	0.73826	-1.35454	0.0666077	0.339339	-2.9469	3.45625	15.1135	3.88693	1
cg22576265	MIR147	0.00677435	0.0016559	0.180646	-5.53569	0.121057	0.527815	-1.8946	0.0651554	0.455193	-2.19687	0.115077	0.521379	-1.91799	0.000551615	0.13021	-7.6799	0.0515604	0.43071	-2.32175	0.00863994	0.280095	-3.57021	0.0439282	0.414729	-2.41121	0.0198253	0.343278	-2.91309	6.68298	15.2927	2.03405	1
cg09399225	MIR147	0.0169367	0.0307064	0.176344	-5.67072	0.00328014	0.0646124	-15.4769	0.00879541	0.102192	-9.78551	0.106961	0.300259	-3.33046	0.024495	0.160093	-6.24638	0.050323	0.217556	-4.59651	0.00726239	0.0937099	-10.6712	0.0351223	0.186734	-5.3552	0.0566838	0.228834	-4.36999	4.97569	36.8325	6.58	1
cg12677723	MIR1470;WIZ	0.00268563	0.0252699	0.712736	-1.40304	0.14215	0.818004	-1.22249	0.0122132	0.672012	-1.48807	0.611935	1.0673	1.0673	0.0319171	0.726108	-1.37721	0.233083	0.852851	-1.17254	0.522994	0.920894	-1.0859	4.65E-05	0.375897	-2.6603	0.89963	1.01619	1.01619	8.84332	2.26979	0.228148	1
cg09110634	MIR1471	0.000216599	0.525829	0.908665	-1.10052	0.307682	1.17038	1.17038	0.00633007	0.588801	-1.69837	0.00166631	0.511675	-1.95437	3.92E-06	0.201765	-4.95626	0.00217207	0.526774	-1.89835	0.724619	0.948664	-1.05411	0.0247266	0.671406	-1.48941	0.0935816	0.759747	-1.31623	17.9779	6.32094	0.312528	1
cg06046580	MIR1471	0.00639783	0.00674677	0.596249	-1.67715	0.998282	1.00032	1.00032	0.00271884	0.543603	-1.83958	0.600365	0.925126	-1.08093	0.181222	0.81141	-1.23242	0.934562	0.987982	-1.01216	0.810003	0.965159	-1.0361	0.0583035	0.729776	-1.37028	0.000352497	0.429465	-2.32848	6.80272	2.33543	0.305162	1
cg18094076	MIR1471	0.0122833	0.140297	0.735638	-1.35936	0.454214	1.15897	1.15897	0.00016731	0.28934	-3.45614	0.13785	0.734025	-1.36235	0.302607	0.813303	-1.22955	0.826798	0.958479	-1.04332	0.571154	0.895155	-1.11712	0.215453	0.777005	-1.28699	0.918419	1.02002	1.02002	5.53142	3.28076	0.527213	1
cg07513814	MIR1471	0.020347	0.759678	0.886732	-1.12774	0.0206529	0.335556	-2.98012	0.535561	0.782069	-1.27866	0.7365	1.14147	1.14147	0.00291158	0.201306	-4.96755	0.0143762	0.3066	-3.26158	0.012121	0.293689	-3.40496	0.0478494	0.412142	-2.42635	0.0606653	0.436646	-2.29019	4.67713	11.3709	2.16105	1
cg25883149	MIR1471	0.0483919	0.465766	1.19973	1.19973	0.474329	0.836524	-1.19542	0.0112731	0.459004	-2.17863	0.512479	0.849622	-1.17699	0.457324	1.20405	1.20405	0.313017	0.774135	-1.29176	0.103559	1.54765	1.54765	0.00793447	0.433811	-2.30515	0.631887	0.888331	-1.12571	3.4304	3.26975	0.847261	1
cg09596116	MIR148A	0.00104706	0.675775	1.06878	1.06878	0.121859	1.30369	1.30369	0.000345777	2.41366	2.41366	0.000345759	2.48567	2.48567	0.218202	1.22733	1.22733	0.768807	0.954455	-1.04772	0.000983104	0.460769	-2.17028	0.650962	0.930503	-1.07469	0.442528	1.13183	1.13183	11.614	4.60059	0.352111	1
cg03853208	MIR148A	0.0056857	0.202434	0.619053	-1.61537	0.0778181	2.0105	2.0105	0.0251806	2.58248	2.58248	0.00324511	4.18109	4.18109	0.0135695	0.336728	-2.96976	0.153867	0.580391	-1.72298	0.0113584	0.323229	-3.09378	0.102428	1.89057	1.89057	0.789253	1.10017	1.10017	7.05518	14.1897	1.78777	1
cg07184013	MIR148A	0.00638958	0.26897	0.755816	-1.32307	0.0257969	1.90355	1.90355	0.0682482	1.64291	1.64291	0.0185999	2.00137	2.00137	0.00973278	0.451521	-2.21474	0.296416	0.768538	-1.30117	0.00202092	0.346825	-2.8833	0.499895	1.1812	1.1812	0.887961	0.966302	-1.03487	6.80544	6.3734	0.832458	1
cg18188200	MIR148A	0.0108998	0.00241672	0.376704	-2.6546	0.584358	0.880152	-1.13617	0.354622	0.802463	-1.24616	0.740739	1.07975	1.07975	0.075088	1.58099	1.58099	0.00405063	0.409877	-2.43976	0.548546	0.869106	-1.15061	0.0338469	1.77278	1.77278	0.494562	1.17386	1.17386	5.74945	4.86294	0.751832	1
cg16291657	MIR148A	0.0381876	0.135122	1.82444	1.82444	0.0181829	2.91682	2.91682	0.0081501	3.54023	3.54023	0.00401702	4.23289	4.23289	0.360482	1.4204	1.4204	0.174116	1.71553	1.71553	0.366757	1.41359	1.41359	0.155932	1.7624	1.7624	0.0585771	2.22029	2.22029	3.74638	8.26833	1.96179	1
cg00240007	MIR148B;COPZ1	0.0150238	0.00357043	0.297116	-3.36569	0.267171	0.700885	-1.42677	0.0336068	0.466218	-2.14492	0.565188	1.19574	1.19574	0.00256075	0.276352	-3.61857	0.101306	0.576015	-1.73607	0.33512	0.736677	-1.35745	0.225916	1.47842	1.47842	0.0481708	0.499425	-2.0023	5.17798	7.75212	1.33078	1
cg16784745	MIR148B;COPZ1	0.0209767	0.0631546	0.366821	-2.72612	0.0604487	0.362059	-2.76198	0.0320287	0.299575	-3.33806	0.324823	1.62889	1.62889	0.144305	0.471155	-2.12244	0.122897	0.448397	-2.23017	0.0142602	0.234471	-4.26492	0.015846	4.12913	4.12913	0.192746	0.516081	-1.93768	4.62878	16.8806	3.24168	1
cg13827287	MIR148B;COPZ1	0.0262376	0.7676	0.91124	-1.09741	0.0510042	2.00804	2.00804	0.693426	1.13232	1.13232	0.125204	1.68293	1.68293	0.25614	0.689501	-1.45032	0.409213	1.30309	1.30309	0.00595458	3.0892	3.0892	0.00274136	3.65714	3.65714	0.763832	1.09912	1.09912	4.28443	6.67546	1.38495	1
cg24133207	MIR149;PP14571;GPC1	0.000248579	0.00214496	4.60471	4.60471	0.000395078	7.3805	7.3805	0.00243532	4.45699	4.45699	0.15997	1.702	1.702	0.244127	0.649448	-1.53977	0.000823544	5.95874	5.95874	0.720147	1.13591	1.13591	3.63E-05	16.7452	16.7452	0.000324328	7.83825	7.83825	17.3168	34.4108	1.76633	1
cg17367832	MIR149;PP14571;GPC1	0.0184725	0.0527612	2.31989	2.31989	0.00338423	4.58636	4.58636	0.0494599	2.35574	2.35574	0.93732	1.03052	1.03052	0.0574038	0.439773	-2.2739	0.0978129	2.00214	2.00214	0.657187	0.843059	-1.18616	0.0122129	3.29829	3.29829	0.372136	1.41939	1.41939	4.83278	11.1817	2.05664	1
cg06105296	MIR150	0.0459648	0.246512	0.717436	-1.39385	0.186091	0.681039	-1.46834	0.386923	1.2751	1.2751	0.187168	1.4668	1.4668	0.00599917	0.373811	-2.67515	0.278325	0.734261	-1.36191	0.0622283	0.562593	-1.77748	0.0225052	0.472901	-2.11461	0.348814	0.767747	-1.30251	3.49759	4.15928	1.05705	1
cg10472567	MIR152;COPZ2	0.00192612	0.0353823	0.525286	-1.90372	0.545522	0.851491	-1.17441	0.00519515	0.37935	-2.63609	0.000672822	0.254937	-3.92253	0.00479038	0.373869	-2.67473	0.0484198	0.552895	-1.80866	0.000130876	0.174656	-5.72553	0.0183237	0.471281	-2.12187	0.214824	0.709539	-1.40937	9.74813	10.6617	0.972189	1
cg12779445	MIR153-2;PTPRN2;PTPRN2;PTPRN2	0.0273427	0.063889	2.6394	2.6394	0.013986	4.11369	4.11369	0.0346018	3.15229	3.15229	0.131894	2.13362	2.13362	0.147489	2.06317	2.06317	0.126277	2.16154	2.16154	0.0119931	4.30794	4.30794	0.00758725	4.95403	4.95403	0.0100143	4.54968	4.54968	4.22293	14.5235	3.05706	1
cg18394275	MIR1539;C18orf32	0.0235735	0.0643854	0.72243	-1.38422	0.00558204	1.7674	1.7674	0.873414	1.02526	1.02526	0.289193	0.841856	-1.18785	0.29064	1.18719	1.18719	0.105952	0.758589	-1.31824	0.0203245	0.645535	-1.5491	0.44863	1.12842	1.12842	0.155321	1.26862	1.26862	4.4469	1.7243	0.34467	1
cg13361168	MIR1539;C18orf32;C18orf32	0.00109401	0.237309	1.09653	1.09653	0.0346161	0.832452	-1.20127	0.309701	1.08139	1.08139	0.102154	1.14243	1.14243	0.023729	1.22257	1.22257	0.086934	1.1511	1.1511	5.41E-05	0.571126	-1.75093	0.124195	1.13193	1.13193	0.0416673	1.19101	1.19101	11.4701	1.00655	0.0780039	1
cg23029159	MIR154	0.00421847	0.622965	0.926019	-1.07989	0.00177465	0.50144	-1.99426	0.000584188	0.438544	-2.28029	0.324318	0.853956	-1.17102	0.0694444	0.729799	-1.37024	0.420327	1.13621	1.13621	0.0237642	1.51979	1.51979	0.241288	1.20955	1.20955	0.941941	0.988766	-1.01136	7.72745	2.94419	0.338671	1
cg19477205	MIR154	0.0202909	0.0105604	0.141442	-7.07006	0.0407993	0.237919	-4.20311	0.163451	0.404802	-2.47034	0.751332	0.82423	-1.21325	0.0234595	0.192842	-5.18559	0.722537	0.805104	-1.24208	0.00204527	0.071179	-14.0491	0.0250663	0.197782	-5.05608	0.0362847	0.227602	-4.39364	4.68152	27.4134	5.20503	1
cg14544087	MIR155;MIR155HG	0.0232706	0.683028	0.888907	-1.12498	0.43465	0.795604	-1.25691	0.000866436	0.238393	-4.19476	0.0130234	0.413242	-2.41989	0.951194	1.01771	1.01771	0.368824	0.767393	-1.30311	0.044451	0.515789	-1.93878	0.432293	0.794632	-1.25844	0.0440599	0.514978	-1.94183	4.4668	5.82064	1.1583	1
cg19769982	MIR155HG	1.77E-05	0.494696	1.1267	1.1267	0.00770545	0.554869	-1.80223	0.000360897	2.67561	2.67561	0.293239	1.20633	1.20633	1.47E-06	0.122152	-8.18655	0.0374692	1.51492	1.51492	8.86E-05	3.34625	3.34625	0.0174864	1.64482	1.64482	0.0109994	1.73124	1.73124	34.97	16.3933	0.416695	1
cg03872783	MIR155HG	9.64E-05	4.53E-05	0.142301	-7.02738	0.504277	0.842573	-1.18684	0.00208663	2.98881	2.98881	0.00047066	0.249307	-4.01111	0.00014704	0.191945	-5.20982	0.05634	0.579121	-1.72676	0.000158642	0.195441	-5.11664	0.00162579	0.319353	-3.13133	0.801472	0.938298	-1.06576	22.3575	22.6262	0.899572	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17265380	MIR155HG	0.00128703	0.00204989	0.104605	-9.5598	0.616804	0.769382	-1.29974	0.018899	4.38196	4.38196	0.0038563	0.132211	-7.56369	0.000343464	0.0500401	-19.984
cg00565412	MIR155HG	0.00585768	0.00779145	0.411199	-2.43191	0.831724	0.946152	-1.05691	0.00920075	0.423095	-2.36353	0.662945	0.892187	-1.12084	0.0253519	0.500852	-1.9966
cg12749863	MIR155HG	0.0236262	0.261406	0.381251	-2.62295	0.890225	0.892526	-1.12042	0.0537775	6.06772	6.06772	0.0253732	0.11213	-8.91823	0.0103599	0.0700428	-14.277
cg23433889	MIR155HG	0.0279336	0.277837	0.291087	-3.4354	0.624148	0.582714	-1.71611	0.0895706	7.74359	7.74359	0.221567	0.245342	-4.07595	0.0922866	0.131818	-7.58624
cg13309012	MIR155HG;MIR155	0.000256112	6.47E-05	0.0604745	-16.5359	0.000152717	0.0835542	-11.9683	0.000507775	0.125395	-7.97481	0.00245087	0.199687	-5.00783	0.000889412	0.149141	-6.70509
cg21683783	MIR15A;DLEU2	0.0460382	0.578457	1.101	1.101	0.145413	0.764902	-1.30736	0.000966387	0.430752	-2.32152	0.371023	0.854304	-1.17054	0.878609	1.02655	1.02655
cg20988440	MIR16-1;MIR15A;DLEU2	0.0225285	0.0288797	0.248354	-4.02652	0.0203812	0.22064	-4.53226	0.0540347	0.306593	-3.26166	0.26533	0.533904	-1.87299	0.015209	0.19954	-5.01153
cg07418289	MIR17HG;MIR17HG	0.00466864	0.00180549	0.167848	-5.95777	0.00233886	0.181129	-5.52092	0.0151733	0.30131	-3.31885	0.335414	1.49106	1.49106	0.00444702	0.217357	-4.60074
cg19629686	MIR17HG;MIR17HG;MIR17;MIR18A	0.0419113	0.0627131	0.586062	-1.7063	0.00335728	2.76797	2.76797	0.0395974	1.83529	1.83529	0.916543	0.973611	-1.0271	0.840825	0.949989	-1.05264
cg04908961	MIR17HG;MIR92A1;MIR17HG;MIR20A;MIR19B1	0.0448659	0.0125225	0.149282	-6.69874	0.00768104	0.122748	-8.1468	0.24261	0.472953	-2.11438	0.117896	0.353568	-2.82831	0.0548627	0.26362	-3.79334
cg25349643	MIR181B1	0.0433775	0.612999	1.20612	1.20612	0.0482761	0.436372	-2.29162	0.27457	1.51849	1.51849	0.277528	1.51429	1.51429	0.122533	0.540712	-1.84941
cg16010809	MIR181B1;MIR181A1	0.000469466	0.00869223	0.539652	-1.85305	0.00013563	0.295666	-3.3822	0.0216034	0.601183	-1.66339	0.00294949	2.12326	2.12326	0.037555	0.640783	-1.56059
cg00111333	MIR181B1;MIR181A1	0.00711587	0.219846	0.780386	-1.28142	0.187051	0.764306	-1.30838	0.430253	1.16736	1.16736	0.00536847	2.02315	2.02315	0.0097007	0.533182	-1.87553
cg26160460	MIR181B1;MIR181A1	0.00915544	0.0405358	0.435952	-2.29383	0.00289578	0.237561	-4.20945	0.960944	1.01734	1.01734	0.0651699	2.06822	2.06822	0.0244536	0.390271	-2.56232
cg21153040	MIR181D	0.00562188	0.656938	0.960531	-1.04109	0.000681067	0.626482	-1.59621	0.0166302	0.768403	-1.3014	0.593279	0.952596	-1.04976	0.320663	0.911707	-1.09684
cg04579608	MIR182	0.00544552	0.452925	0.90122	-1.10961	0.000375451	0.461388	-2.16737	0.560208	1.08342	1.08342	0.0240918	1.44184	1.44184	0.246642	1.17915	1.17915
cg08755972	MIR182	0.0490321	0.105105	0.71521	-1.39819	0.153136	0.7486	-1.33583	0.00318433	0.46657	-2.1433	0.0595184	0.668614	-1.49563	0.349962	1.19973	1.19973
cg11032038	MIR1826	6.23E-06	1.24E-06	0.206014	-4.85403	0.00301503	0.598009	-1.67222	0.000259591	0.467794	-2.13769	0.00147776	0.559907	-1.78601	2.45E-06	0.235822	-4.24049
cg00677407	MIR1826	6.23E-06	0.0872648	0.860858	-1.16163	5.05E-06	2.28028	2.28028	0.0209299	0.802118	-1.2467	0.000513122	1.53779	1.53779	2.41E-05	0.512838	-1.94993
cg06617961	MIR1826	0.00350987	0.00398247	5.81298	5.81298	0.00105086	9.06143	9.06143	0.112137	2.19567	2.19567	0.074074	2.47203	2.47203	0.0268208	0.303463	-3.29529
cg16321266	MIR183;MIR96	0.000583862	0.584417	1.09279	1.09279	1.37E-05	0.232174	-4.30712	0.292578	0.839108	-1.19174	0.34766	0.856121	-1.16806	0.21808	0.812096	-1.23138
cg00581720	MIR183;MIR96	0.0157679	0.319239	0.811025	-1.23301	0.00924787	0.51059	-1.95852	0.183561	0.75043	-1.33257	0.520155	1.14186	1.14186	0.612505	0.901284	-1.10953
cg23721598	MIR184	0.00186738	0.58501	1.16265	1.16265	0.00195101	0.302058	-3.31062	0.00919421	0.405029	-2.46896	0.0193366	0.461608	-2.16634	0.000357474	0.208968	-4.78542
cg01207916	MIR184	0.00800767	0.529388	0.865043	-1.15601	0.00354198	0.406805	-2.45818	0.00908159	0.470327	-2.12618	0.77403	1.06769	1.06769	0.00202719	0.371457	-2.6921
cg01397141	MIR184	0.00831477	0.0201862	0.323399	-3.09216	0.0134815	0.291566	-3.42975	0.00166379	0.163227	-6.12645	0.0224582	0.332282	-3.00949	0.00961291	0.266904	-3.74666
cg23121785	MIR184	0.0126776	0.198736	0.700876	-1.42679	0.878301	0.960692	-1.04092	0.000783702	0.264725	-3.7775	0.0298228	0.512191	-1.9524	0.111621	0.635412	-1.57378
cg00722320	MIR184	0.0141953	0.173659	0.325886	-3.06855	0.0412242	0.161378	-6.19664	0.000300347	0.0105214	-95.0448	0.351514	0.475849	-2.10151	0.0588264	0.191481	-5.22245
cg04947764	MIR184	0.0190949	0.0573762	0.40641	-2.46057	0.165586	0.538256	-1.85785	0.00155645	0.148813	-6.71986	0.0243946	0.325138	-3.07562	0.00624774	0.224762	-4.44916
cg18720617	MIR187	0.000511259	0.00151759	0.393027	-2.54435	0.00027812	3.37418	3.37418	0.00177817	0.402639	-2.48361	0.447452	0.853578	-1.17154	0.0415439	0.618445	-1.61696
cg18981979	MIR187	0.000549327	0.183832	0.705351	-1.41773	0.000116214	0.187842	-5.32362	0.00535875	0.403357	-2.47919	0.001117	0.304703	-3.28188	0.00070871	0.27882	-3.58655
cg03599197	MIR187	0.000791036	0.629557	1.20368	1.20368	0.000409576	0.117568	-8.50571	0.000817255	0.145973	-6.85057	0.00758132	0.269816	-3.70623	0.000297281	0.105796	-9.45212
cg05827233	MIR187	0.0017622	0.00129228	0.21929	-4.56017	0.00374267	0.281732	-3.54948	0.00827586	0.335313	-2.98229	0.203703	0.64781	-1.54366	0.000758348	0.191669	-5.21733
cg16673522	MIR187	0.00182152	0.823204	1.03733	1.03733	0.0101155	0.587777	-1.70133	0.00178011	0.482626	-2.072	0.594885	0.91585	-1.09188	0.00748382	0.432675	-2.3112
cg03735013	MIR1908;FADS1	4.89E-06	0.671972	1.04487	1.04487	0.0412539	0.784562	-1.2746	9.25E-08	6.0454	6.0454	0.0725087	1.22937	1.22937	0.000818437	1.68165	1.68165
cg00786201	MIR1908;FADS1	5.53E-05	0.0916329	0.78717	-1.27037	0.245613	1.16937	1.16937	0.000380874	2.07736	2.07736	0.430509	1.10924	1.10924	0.762262	0.961663	-1.03987
cg09677638	MIR1908;FADS1	0.000959004	0.523156	0.919854	-1.08713	0.784517	0.965234	-1.03602	1.17E-05	3.31659	3.31659	0.32705	1.13954	1.13954	0.45468	1.10331	1.10331
cg12517394	MIR1908;FADS1	0.00133702	0.875678	0.966514	-1.03465	0.525521	0.869401	-1.15022	2.17E-05	6.4061	6.4061	0.466323	1.175	1.175	0.0566506	0.625405	-1.59896
cg15598662	MIR1908;FADS1	0.00235651	0.736493	1.12738	1.12738	0.649998	0.850292	-1.17607	3.29E-05	17.5127	17.5127	0.783255	0.906747	-1.10284	0.195998	0.615435	-1.62487
cg14725641	MIR1908;FADS1	0.00297055	0.04674	0.314048	-3.18423	0.382423	1.56478	1.56478	9.73E-05	44.9107	44.9107	0.133243	2.26154	2.26154	0.33469	1.64502	1.64502
cg13475388	MIR1908;FADS1	0.0048296	0.0695857	2.05172	2.05172	0.694856	0.871726	-1.14715	0.000167298	0.0871337	-11.4766	0.359582	0.719533	-1.38979	0.0682875	2.06053	2.06053
cg25326896	MIR1908;FADS1	0.0132569	0.427005	0.715177	-1.39825	0.169352	0.545998	-1.83151	0.00046939	9.70096	9.70096	0.520991	0.764222	-1.30852	0.145378	0.524008	-1.90837
cg26480358	MIR1909;REXO1	0.00618018	0.0446709	0.766657	-1.30436	0.0235135	0.732081	-1.36597	0.00307915	0.626853	-1.59527	0.426928	0.91073	-1.09802	0.0637107	0.786398	-1.27162
cg02368428	MIR1909;REXO1	0.00691107	0.354192	0.895572	-1.1166	0.155355	1.19235	1.19235	0.0363228	1.32523	1.32523	0.906027	1.01376	1.01376	0.25951	1.1458	1.1458
cg02467518	MIR1909;REXO1	0.011918	0.238738	1.2115	1.2115	0.00103865	2.12794	2.12794	0.00350785	1.85092	1.85092	0.0892886	1.33821	1.33821	0.819596	1.03616	1.03616
cg24774002	MIR1909;REXO1	0.024916	0.150088	0.759767	-1.31619	0.638744	0.919246	-1.08785	0.528915	0.892619	-1.1203	0.416348	1.15942	1.15942	0.00579742	0.525408	-1.90328
cg03413810	MIR1909;REXO1	0.0249341	0.529545	0.859509	-1.16346	0.00579344	0.423506	-2.36124	0.0252024	0.531148	-1.88272	0.0210962	0.517213	-1.93344	0.00997565	0.461433	-2.16716
cg11560666	MIR190;TLN2	9.19E-05	0.00512763	0.575318	-1.73817	0.330077	0.860471	-1.16215	8.58E-05	0.348385	-2.87039	0.0817486	0.74945	-1.33431	1.34E-05	0.256049	-3.9055
cg02219476	MIR190;TLN2	0.00984059	0.104187	0.751738	-1.33025	0.469774	1.12539	1.12539	0.000810402	0.444187	-2.2513	0.0843172	0.735829	-1.35901	0.00401068	0.537359	-1.86095
cg09392381	MIR190;TLN2	0.0279158	0.720296	1.07399	1.07399	0.327446	1.22226	1.22226	0.11991	0.715357	-1.3979	0.347044	0.825108	-1.21196	0.0290864	0.600096	-1.6664
cg24880818	MIR190B	0.00130959	0.0144189	0.299799	-3.33557	0.00854759	0.261764	-3.82023	0.00546502	0.232294	-4.30489	0.000432678	0.108232	-9.23942	0.00551559	0.232874	-4.29416
cg18645493	MIR190B	0.00946735	0.0303343	0.175992	-5.68209	0.0156088	0.132233	-7.56243	0.0133881	0.123651	-8.08726	0.0242156	0.159846	-6.25603	0.00501105	0.0793529	-12.6019
cg07829693	MIR1910;C16orf74	0.0033332	0.000130078	0.308308	-3.24351	0.366132	0.848412	-1.17867	0.0161963	0.594081	-1.68327	0.463494	0.876242	-1.14124	0.061321	0.688482	-1.45247
cg18784552	MIR1912;HTR2C	0.0493014	0.309859	0.645033	-1.55031	0.215743	0.580652	-1.7222	0.197477	0.566425	-1.76546	0.0882792	0.456244	-2.19181	0.00432954	0.203706	-4.90904
cg17871838	MIR1913;RPS6KA2;RPS6KA2	0.000559307	0.067085	0.605921	-1.65038	0.00582464	0.414171	-2.41446	0.529136	0.85587	-1.1684	0.348112	0.789928	-1.26594	4.67E-05	0.153282	-6.52394
cg01966791	MIR1914;UCKL1	0.00325574	0.52005	1.15443	1.15443	0.659717	0.907026	-1.1025	0.0958945	0.668473	-1.49595	0.0382181	0.589195	-1.69723	0.0179289	0.530718	-1.88424
cg14609520	MIR1915;C10orf114	0.000957034	0.211284	1.21704	1.21704	0.677548	1.06435	1.06435	0.892053	1.02046	1.02046	0.346243	1.15566	1.15566	0.427622	1.12839	1.12839
cg00282704	MIR1915;C10orf114	0.00285053	0.000634229	0.0726011	-13.7739	0.00113093	0.0912716	-10.9563	0.560831	1.3416	1.3416	0.00921685	0.191717	-5.21601	0.00365427	0.140252	-7.13005
cg19767734	MIR191;DALRD3;NDUFAF3;MIR425;NDUFAF3;NDUFAF3;DALRD3;NDUFAF3	0.00124356	0.00353791	0.774647	-1.29091	0.434882	1.0528	1.0528	0.000735887	1.39269	1.39269	0.143121	0.903362	-1.10698	0.138169	1.1086	1.1086
cg14764512	MIR191;DALRD3;NDUFAF3;MIR425;NDUFAF3;NDUFAF3;NDUFAF3	0.0288827	0.00792479	0.385137	-2.59648	0.104218	1.64498	1.64498	0.875542	0.95703	-1.0449	0.456372	0.808509	-1.23684	0.0768189	0.576129	-1.73572
cg04527470	MIR191;NDUFAF3;NDUFAF3;NDUFAF3;MIR425;NDUFAF3;NDUFAF3;DALRD3	0.0119939	0.0216603	0.422102	-2.36909	0.0410755	2.09052	2.09052	0.0883653	1.80074	1.80074	0.116982	0.586991	-1.7036	0.0210175	0.419601	-2.38321
cg21019820	MIR191;NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF3;DALRD3	0.000964641	0.842853	0.983154	-1.01714	0.209061	1.12001	1.12001	0.0213795	1.26706	1.26706	0.364753	0.923377	-1.08298	0.407207	0.929999	-1.07527
cg00400165	MIR192;MIR194-2	0.0180339	0.0351559	0.485516	-2.05966	0.0761112	1.78805	1.78805	0.0461407	0.510286	-1.95969	0.881937	1.04473	1.04473	0.00177734	0.269802	-3.70643
cg21915970	MIR193A	0.000134262	0.706279	0.936919	-1.06733	2.35E-06	0.138391	-7.22592	0.418534	0.867389	-1.15288	0.180883	1.27699	1.27699	0.00533139	0.531643	-1.88096
cg22533683	MIR193A	0.00780344	0.025701	4.56099	4.56099	0.056335	3.44772	3.44772	0.169255	2.31351	2.31351	0.0882943	2.93638	2.93638	0.0140473	5.67879	5.67879
cg08667128	MIR193A	0.0447014	0.0274059	62.201	62.201	0.100863	17.1912	17.1912	0.127509	13.5794	13.5794	0.0707968	24.4258	24.4258	0.0817059	21.1988	21.1988
cg22894896	MIR193A	0.0460468	0.0301375	48.0972	48.0972	0.0794336	19.2461	19.2461	0.152702	10.242	10.242	0.0664444	22.7945	22.7945	0.0437679	33.8015	33.8015
cg20286236	MIR193A	0.0493443	0.0381963	32.6627	32.6627	0.454935	3.01766	3.01766	0.134677	10.3867	10.3867	0.213935	6.67911	6.67911	0.349931	0.247518	-4.04011
cg09918657	MIR193B	0.0060233	0.0719197	5.09637	5.09637	0.00751344	0.06149	-16.2628	0.0830979	0.211116	-4.73673	0.0720945	0.196459	-5.09013	0.157774	0.293951	-3.40192
cg07665535	MIR193B	0.00620941	0.257734	1.72662	1.72662	0.0311937	0.310598	-3.21959	0.0598231	0.374538	-2.66995	0.7051	1.19223	1.19223	0.318467	1.61094	1.61094
cg03295417	MIR193B	0.00791258	0.222363	1.88904	1.88904	0.00907282	0.193077	-5.17927	0.0606872	0.350324	-2.8545	0.530673	1.37029	1.37029	0.131865	2.24046	2.24046
cg06273075	MIR193B	0.0149947	0.0638482	2.79519	2.79519	0.0376524	0.304284	-3.28641	0.189118	0.503362	-1.98664	0.439623	1.4754	1.4754	0.251417	1.80626	1.80626
cg04018325	MIR193B	0.0252722	0.0519741	2.78431	2.78431	0.0386662	0.329862	-3.03157	0.310478	0.615066	-1.62584	0.535051	1.33769	1.33769	0.254295	1.73551	1.73551
cg10420310	MIR193B	0.0340862	0.126557	2.79301	2.79301	0.0630201	0.272622	-3.66808	0.12918	0.360972	-2.7703	0.549986	1.45628	1.45628	0.236359	2.16217	2.16217
cg23266943	MIR194-2	0.000278944	0.487322	0.911115	-1.09756	0.0816369	1.28989	1.28989	0.0600604	1.32287	1.32287	0.0329616	1.38956	1.38956	4.98E-05	0.366365	-2.72952
cg11263011	MIR195;MIR497	0.0347472	0.0300234	0.441113	-2.26699	0.0439726	0.476017	-2.10076	0.265836	1.45036	1.45036	0.624189	0.853559	-1.17157	0.0183735	0.399532	-2.50293
cg23690166	MIR196A1	0.000314362	0.000125359	14.6181	14.6181	0.0290269	2.80976	2.80976	0.0275208	2.84759	2.84759	0.00583207	4.2601	4.2601	0.399711	1.41353	1.41353
cg01452847	MIR196A1	0.00722767	0.00203225	9.26459	9.26459	0.0353331	3.50458	3.50458	0.4823	1.44111	1.44111	0.130371	2.30703	2.30703	0.364346	0.620655	-1.6112
cg02329038	MIR196A1	0.0396818	0.511378	0.823213	-1.21475	0.0404033	0.500847	-1.99662	0.397391	1.28801	1.28801	0.185158	1.50745	1.50745	0.0768398	0.562869	-1.77661
cg18771937	MIR196A2	0.00597234	0.00278214	0.375217	-2.66513	0.00698061	0.43627	-2.29216	0.629666	0.890921	-1.12243	0.00749727	0.441229	-2.2664	0.00836509	0.448902	-2.22766
cg16400495	MIR196A2	0.00934046	0.0287096	0.467712	-2.13807	0.00891861	0.375361	-2.6641	0.412183	1.2801	1.2801	0.856416	0.948057	-1.05479	0.00393107	0.318938	-3.13541
cg10662314	MIR196A2	0.0151055	0.820969	1.05751	1.05751	0.108728	0.649492	-1.53966	0.863441	0.958421	-1.04338	0.304236	1.30015	1.30015	0.00952839	0.444827	-2.24806
cg08053137	MIR196A2	0.015178	0.0561584	0.624275	-1.60186	0.0284662	0.569366	-1.75634	0.00248875	0.400248	-2.49845	0.335263	0.805367	-1.24167	0.0594877	0.629161	-1.58942
cg05412137	MIR196A2	0.0266701	0.0466444	0.701606	-1.4253	0.33368	0.856322	-1.16778	0.171543	1.25411	1.25411	0.552824	0.910829	-1.0979	0.0397553	0.690856	-1.44748
cg03905819	MIR196A2	0.0289041	0.125653	0.770016	-1.29867	0.829492	0.966563	-1.03459	0.55658	1.09831	1.09831	0.354461	1.16209	1.16209	0.263132	1.20197	1.20197
cg14679255	MIR196A2	0.0391973	0.115684	1.65862	1.65862	0.0360357	0.486002	-2.05761	0.659753	1.14007	1.14007	0.141773	0.626609	-1.59589	0.0476931	0.511702	-1.95426
cg14780416	MIR196B	2.26E-06	0.128977	0.785627	-1.27287	0.146751	0.795294	-1.2574	0.449372	1.12004	1.12004	0.232326	1.20226	1.20226	3.32E-08	18.6497	18.6497
cg08362210	MIR196B	9.95E-06	0.00220814	0.581113	-1.72083	0.00219716	0.580847	-1.72162	0.515631	0.919978	-1.08698	0.65077	0.943969	-1.05936	9.68E-07	5.11718	5.11718
cg01024168	MIR196B	1.11E-05	0.0103166	0.595147	-1.68026	0.98781	1.00246	1.00246	0.20841	1.23733	1.23733	0.394787	0.8694	-1.15022	1.10E-07	15.5272	15.5272
cg15912800	MIR196B	1.45E-05	0.0037912	3.15758	3.15758	0.118865	1.64603	1.64603	0.0474016	1.94991	1.94991	0.00550636	2.92795	2.92795	1.47E-05	14.1729	14.1729
cg18311537	MIR196B	1.72E-05	0.441752	1.10839	1.10839	0.730277	0.955611	-1.04645	0.0792035	1.29133	1.29133	0.0612274	1.3188	1.3188	7.36E-07	5.77872	5.77872
cg26259537	MIR196B	2.73E-05	0.732642	1.10297	1.10297	0.0323703	2.04633	2.04633	0.744733	0.910852	-1.09787	?	?	?	1.17E-06	36.4608	36.4608
cg05250768	MIR196B	3.82E-05	0.544454	1.17473	1.17473	0.0186098	0.472861	-2.11479	0.736927	0.915295	-1.09254	0.179564	1.45386	1.45386	3.89E-07	45.2582	45.2582
cg25644556	MIR196B	6.64E-05	0.519808	0.827557	-1.20838	0.0838131	0.574039	-1.74204	0.962086	1.01389	1.01389	0.685055	1.12557	1.12557	8.47E-07	45.097	45.097
cg05027336	MIR196B	6.92E-05	0.566878	0.881726	-1.13414	0.0469698	0.609893	-1.63963	0.0430367	1.65911	1.65911	0.0244074	0.558106	-1.79177	2.02E-06	12.7995	12.7995
cg16447012	MIR196B	9.31E-05	0.096841	0.725484	-1.37839	0.44756	1.14602	1.14602	0.499962	0.886421	-1.12813	0.912888	1.01946	1.01946	1.60E-06	8.39562	8.39562
cg24884519	MIR196B	0.000186529	0.286277	1.26225	1.26225	0.17887	1.35032	1.35032	0.946588	0.986009	-1.01419	0.801875	0.948497	-1.0543	1.00E-05	7.33943	7.33943
cg08964780	MIR196B	0.00249887	0.889938	1.0705	1.0705	0.976748	1.01444	1.01444	0.234468	1.8463	1.8463	0.441699	0.679787	-1.47105	2.54E-05	61.0427	61.0427
cg25105745	MIR197	0.00102547	0.00117358	0.337072	-2.96673	0.00178911	0.362453	-2.75898	0.00367448	0.407886	-2.45167	0.0273691	0.551003	-1.81487	0.000508527	0.289374	-3.45573
cg11515530	MIR197	0.00845557	0.534047	0.915723	-1.09203	0.137967	0.799878	-1.25019	0.0068503	0.612893	-1.63161	0.757962	0.957709	-1.04416	0.000376137	0.451697	-2.21387
cg23666362	MIR1973	2.02E-06	1.52E-06	0.226164	-4.42157	0.00442055	0.628585	-1.59087	4.22E-06	0.272545	-3.66912	0.00208209	0.588887	-1.69812	2.26E-07	0.149133	-6.70542
cg19081358	MIR1973	0.00070881	0.467941	1.1498	1.1498	0.000117712	0.27964	-3.57603	0.000190395	0.30464	-3.28256	0.0669972	0.678373	-1.47411	0.0493162	0.654391	-1.52814
cg22914762	MIR1973	0.00165457	0.385006	1.08051	1.08051	7.44E-05	0.534877	-1.86959	0.309564	0.912631	-1.09573	0.262864	0.903491	-1.10682	0.0018625	0.681251	-1.46789
cg23740016	MIR1973	0.00589581	0.00152243	0.236496	-4.2284	0.996186	0.998491	-1.00151	0.00315177	0.279568	-3.57695	0.296726	0.710542	-1.40738	0.00215281	0.256431	-3.89968
cg16695999	MIR1974;C5orf36;C5orf36	0.00373509	0.394111	1.24991	1.24991	0.0156881	0.469145	-2.13154	0.0964526	0.627244	-1.59428	0.273017	1.33849	1.33849	0.000781495	0.272972	-3.66338
cg25368943	MIR1974;C5orf36;C5orf36	0.0081829	0.371679	1.11559	1.11559	0.0108389	0.682783	-1.46459	0.0180925	0.710092	-1.40827	0.954604	0.993234	-1.00681	0.432038	1.10035	1.10035
cg00964137	MIR1974;C5orf36;C5orf36	0.0228531	0.532866	1.09864	1.09864	0.0108531	0.620999	-1.61031	0.0622129	0.731496	-1.36706	0.79536	1.03947	1.03947	0.552753	1.09357	1.09357
cg13488877	MIR1975;PLEKHA9;RNY5	0.0158606	0.230753	0.591839	-1.68965	0.0111087	0.264931	-3.77457	0.0322686	0.351309	-2.84649	0.0222019	0.318611	-3.13862	0.0125255	0.273658	-3.6542
cg24468934	MIR1976;RPS6KA1;RPS6KA1	0.00209833	0.0171397	0.526637	-1.89884	0.942819	1.01596	1.01596	0.0721945	0.642165	-1.55723	0.0669165	0.635494	-1.57358	4.10E-05	0.177882	-5.62169
cg11377047	MIR1976;RPS6KA1;RPS6KA1	0.00224635	0.486275	1.16758	1.16758	0.09864	1.4868	1.4868	0.783146	0.941367	-1.06228	0.254456	0.770584	-1.29772	0.000223851	0.260528	-3.83837
cg16395432	MIR1976;RPS6KA1;RPS6KA1	0.0304151	0.339529	0.821576	-1.21717	0.698329	1.08086	1.08086	0.00315101	0.446816	-2.23806	0.0276402	0.594595	-1.68182	0.00445098	0.468826	-2.13299
cg06754197	MIR199A1;DNM2;DNM2;DNM2;DNM2	0.00152629	0.483647	1.10791	1.10791	0.000444924	0.450286	-2.22081	0.094782	0.767723	-1.30255	0.453963	1.11607	1.11607	0.000179743	0.401325	-2.49175
cg02660440	MIR199A1;DNM2;DNM2;DNM2;DNM2	0.00457323	0.514862	1.16205	1.16205	0.00257493	0.386603	-2.58663	0.827388	1.05092	1.05092	0.114167	1.47815	1.47815	0.000560765	0.296245	-3.37558
cg18544365	MIR199A1;DNM2;DNM2;DNM2;DNM2	0.00610067	0.52557	1.13314	1.13314	0.263731	1.25405	1.25405	0.16917	0.752299	-1.32926	0.000826143	0.375823	-2.66083	0.598989	1.10861	1.10861
cg23047544	MIR199A1;DNM2;DNM2;DNM2;DNM2	0.0173415	0.169241	1.63136	1.63136	0.148558	1.67837	1.67837	0.00791755	0.320414	-3.12096	0.10125	0.548976	-1.82157	0.0688262	0.506343	-1.97495
cg25214966	MIR199A2;DNM3;DNM3	0.000535208	0.0122066	0.51009	-1.96044	0.320997	0.801684	-1.24737	2.89E-05	0.170339	-5.87063	0.00247267	0.403665	-2.4773	0.00487876	0.447359	-2.23534
cg13718827	MIR199B;DNM1;DNM1	0.00226591	0.034189	0.348675	-2.868	0.320623	0.645642	-1.54885	0.0429033	0.370306	-2.70047	0.00421058	0.195144	-5.12442	0.0117411	0.261312	-3.82685
cg17799287	MIR19A;MIR17HG;MIR17HG;MIR17;MIR18A	0.015267	0.00758908	0.20108	-4.97315	0.0183587	0.262699	-3.80663	0.311324	0.613048	-1.63119	0.151593	0.487872	-2.04972	0.00470871	0.173007	-5.78011
cg07641807	MIR19A;MIR17HG;MIR17HG;MIR20A;MIR17;MIR19B1;MIR18A	0.00399831	0.00621643	0.145345	-6.88017	0.00104661	0.0726059	-13.773	0.00204516	0.0953908	-10.4832	0.101571	0.3794	-2.63574	0.00122509	0.07753	-12.8982
cg02297838	MIR19A;MIR17HG;MIR92A1;MIR17HG;MIR20A;MIR17;MIR19B1;MIR18A	0.0292883	0.016889	0.133674	-7.48087	0.00681048	0.0888649	-11.253	0.0161768	0.131166	-7.62393	0.0979395	0.285506	-3.50255	0.00730165	0.0917609	-10.8979
cg23665802	MIR19A;MIR17HG;MIR92A1;MIR17HG;MIR20A;MIR17;MIR19B1;MIR18A	0.0393335	0.0148232	0.103176	-9.69219	0.0142498	0.101219	-9.87952	0.0112422	0.0901483	-11.0928	0.114793	0.272707	-3.66694	0.0490528	0.182242	-5.48722
cg16561256	MIR200A;MIR429	0.00195154	0.0153267	0.672672	-1.48661	0.00634034	1.60546	1.60546	0.0866635	0.777176	-1.28671	0.0505005	1.3457	1.3457	0.00724066	0.630285	-1.58659
cg11203990	MIR200B;MIR200A	0.00230259	0.196158	1.20257	1.20257	0.773777	1.03966	1.03966	0.101159	0.784856	-1.27412	0.0172912	1.47892	1.47892	0.000411475	0.469123	-2.13164
cg14161399	MIR200B;MIR200A	0.00400439	0.500035	0.863979	-1.15744	0.000128994	4.14148	4.14148	0.112	1.44715	1.44715	0.258305	0.777321	-1.28647	0.939929	0.984033	-1.01623
cg01537494	MIR200B;MIR200A	0.0455968	0.395632	1.17968	1.17968	0.0302839	1.62218	1.62218	0.73118	1.0677	1.0677	0.407165	1.17475	1.17475	0.0367794	0.620795	-1.5853
cg16642299	MIR200C	0.00522153	0.0467631	0.654714	-1.52738	0.365298	1.18894	1.18894	0.736461	1.06486	1.06486	0.892971	1.02536	1.02536	0.00645258	0.517376	-1.93283
cg14524334	MIR202	0.033884	0.618615	0.917518	-1.0899	0.511804	1.1209	1.1209	0.00100775	0.432966	-2.30965	0.805196	1.0433	1.0433	0.377523	1.16803	1.16803
cg11164162	MIR202	0.0455939	0.0688453	2.02945	2.02945	0.0387999	2.29705	2.29705	0.0204677	2.63985	2.63985	0.620572	1.1894	1.1894	0.759138	1.11282	1.11282

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17265380	0.0495346	0.312079	-3.20432	0.0391663	0.289297	-3.45665	0.0336838	0.27553	-3.62937	0.0383672	3.47975	3.47975	10.9504	46.835	3.80177	1
cg00565412	0.349667	0.778468	-1.28457	0.0046215	0.375203	-2.66522	0.655763	1.12379	1.12379	0.00049974	0.242586	-4.12224	6.99073	7.4918	0.9526	1
cg12749863	0.210535	0.337464	-2.96328	0.430481	1.93972	1.93972	0.417997	0.505899	-1.97668	0.0206567	9.92056	9.92056	4.44347	47.7062	9.54334	1
cg23433889	0.0105641	0.0296755	-33.6978	0.0072682	0.0226728	-44.1057	0.195349	0.223631	-4.47165	0.14458	5.54976	5.54976	4.19129	79.3885	16.8367	1
cg13309012	0.0213634	0.347428	-2.87829	0.000230965	0.0966372	-10.348	0.00582783	0.251542	-3.97548	0.00234862	0.197352	-5.06709	17.1765	39.7486	2.057	1
cg21683783	0.972292	0.994063	-1.00597	0.745623	1.05739	1.05739	0.461668	1.13708	1.13708	0.895953	0.97782	-1.02268	3.4955	1.62697	0.413731	1
cg20988440	0.15967	0.443833	-2.2531	0.00277339	0.107479	-9.3041	0.401335	1.59102	1.59102	0.0841109	0.355879	-2.80995	4.51696	20.9074	4.11435	1
cg07418289	0.00983067	0.269171	-3.71511	0.00841181	0.258317	-3.87122	0.367681	0.689257	-1.45084	0.0570334	0.420631	-2.37738	7.49352	19.1954	2.27698	1
cg19629686	0.790629	0.934365	-1.07025	0.497804	0.838952	-1.19196	0.387968	1.25327	1.25327	0.215676	1.3944	1.3944	3.62016	3.73215	0.916386	1
cg04908961	0.115622	0.350893	-2.84987	0.014166	0.156711	-6.38117	0.0916827	0.320758	-3.11762	0.120445	0.356532	-2.8048	3.52947	20.9574	5.27807	1
cg25349643	0.0491962	2.28177	2.28177	0.0381205	2.41855	2.41855	0.115164	1.87647	1.87647	0.0953727	0.510059	-1.96056	3.5742	7.64274	1.90072	1
cg16010809	0.00917533	1.84093	1.84093	0.166147	1.31307	1.31307	0.0860005	0.704724	-1.419	0.00257707	0.462675	-2.16135	14.5423	7.8363	0.478988	1
cg00111333	0.0575649	1.51099	1.51099	0.198838	1.29818	1.29818	0.18692	0.764238	-1.30849	0.00501452	0.489888	-2.04129	6.58132	3.85058	0.520069	1
cg26160460	0.056582	2.133	2.133	0.212389	1.58568	1.58568	0.286462	0.678063	-1.47479	0.0198405	0.372645	-2.68352	6.07923	11.8613	1.73432	1
cg21153040	0.74424	0.97094	-1.02993	0.000695275	0.627424	-1.59382	0.309443	1.09939	1.09939	0.739017	1.03058	1.03058	7.07972	0.909934	0.114246	1
cg04579608	0.0122256	1.52901	1.52901	0.153398	1.23114	1.23114	0.473802	0.905656	-1.10417	0.744302	1.04552	1.04552	7.14937	2.09507	0.260483	1
cg08755972	0.189529	0.768715	-1.30087	0.268348	1.24385	1.24385	0.591938	0.902656	-1.10784	0.275447	0.806746	-1.23955	3.41337	1.93666	0.504333	1
cg11032038	0.646566	0.943296	-1.06011	0.00053156	1.97778	1.97778	0.064134	1.30087	1.30087	0.000389159	0.489134	-2.04443	45.8635	11.6122	0.225058	1
cg00677407	4.68E-05	1.83921	1.83921	4.09E-05	0.537469	-1.86057	0.00823529	1.3076	1.3076	0.676147	1.0339	1.0339	45.8553	4.5733	0.0886519	1
cg06617961	0.348878	1.55033	1.55033	0.0025095	6.74257	6.74257	0.0112579	4.23578	4.23578	0.776673	1.13803	1.13803	8.16692	26.7379	2.91016	1
cg16321266	0.0673466	1.39003	1.39003	0.00831935	1.71921	1.71921	0.0685145	0.72065	-1.38764	0.364435	1.16151	1.16151	13.6875	5.5947	0.363328	1
cg00581720	0.514596	1.14394	1.14394	0.00795496	1.99847	1.99847	0.00654117	0.487287	-2.05218	0.431836	1.17733	1.17733	5.09569	3.34174	0.582932	1
cg23721598	0.582751	1.16372	1.16372	0.000869066	0.255273	-3.91738	0.512414	1.1991	1.1991	0.489235	0.825323	-1.21165	9.83629	11.6348	1.05141	1
cg01207916	0.844494	1.0457	1.0457	0.00277529	0.391153	-2.55654	0.0748326	0.636688	-1.57063	0.3916	0.818962	-1.22106	6.34224	5.20025	0.728835	1
cg01397141	0.244994	0.612603	-1.63238	0.00349078	0.202513	-4.93796	0.00829651	0.256693	-3.8957	0.17263	0.557178	-1.79476	6.26747	16.1173	2.28585	1
cg23121785	0.472867	0.82607	-1.21055	0.00179801	0.312801	-3.19692	0.144689	0.663656	-1.50681	0.271284	0.741018	-1.3495	5.47482	5.93887	0.964232	1
cg00722320	0.457031	0.556179	-1.79798	0.232033	0.378765	-2.64016	?	?	?	0.644204	0.697531	-1.43363	5.37674	45.4113	8.44588	1
cg04947764	0.15556	0.529139	-1.88986	0.0224674	0.318169	-3.14299	0.0964953	0.465631	-2.14762	0.677475	0.839294	-1.19148	4.77901	13.2795	2.46996	1
cg18720617	0.962832	0.990517	-1.00957	0.0570392	1.55316	1.55316	0.139	0.722073	-1.3849	0.000854783	0.359041	-2.7852	14.2025	9.40484	0.588619	1
cg18981979	0.000332862	0.238473	-4.19334	0.000967646	0.296407	-3.37374	0.0394297	0.554413	-1.80371	0.0035137	0.37531	-2.66447	13.9219	13.5137	0.86283	1
cg03599197	0.001655	0.179547	-5.56957	0.00958291	0.286188	-3.4942	0.146762	0.552094	-1.81129	0.00164802	0.179332	-5.57626	12.5719	28.9687	2.04822	1
cg05827233	0.00573379	0.309738	-3.22854	0.122639	1.71835	1.71835	0.799708	1.08576	1.08576	0.0034062	0.275785	-3.62601	10.0031	16.5925	1.47442	1
cg16673522	0.118025	1.32046	1.32046	0.00281599	1.96196	1.96196	0.382188	1.1581	1.1581	0.801527	1.04211	1.04211	9.90757	4.20898	0.377622	1
cg03735013	0.422346	1.08813	1.08813	0.000105021	0.493516	-2.02627	0.149263	1.17276	1.17276	0.0956076	1.20762	1.20762	48.8044	8.20836	0.149501	1
cg00786201	0.327797	0.877966	-1.139	1.25E-06	0.200155	-4.99612	0.774683	0.963697	-1.03767	0.0597623	1.31482	1.31482	25.9258	6.81634	0.233704	1
cg09677638	0.51285	0.917886	-1.08946	0.0503643	0.749787	-1.33371	0.796657	1.0339	1.0339	0.461806	1.10154	1.10154	11.9069	3.14305	0.234638	1
cg12517394	0.90195	0.973544	-1.02718	0.0524003	0.618849	-1.6159	0.814074	1.05259	1.05259	0.870766	1.03605	1.03605	10.8316	8.11869	0.666256	1
cg15598662	0.820278	0.922392	-1.08414	0.319327	0.693952	-1.44102	0.155251	1.71588	1.71588	0.109591	1.85759	1.85759	9.19032	18.3445	1.77429	1
cg14725641	0.891418	1.07038	1.07038	0.0185466	0.230811	-4.33256	0.328473	1.65643	1.65643	0.279605	1.75601	1.75601	10.1135	38.8781	2.98991	1
cg13475388	?	?	?	0.923799	1.03385	1.03385	0.676038	1.15761	1.15761	0.964005	0.98442	-1.01583	8.77986	14.6496	1.45998	1
cg25326896	0.517916	0.762663	-1.31119	0.908679	1.04857	1.04857	0.0777835	2.24825	2.24825	0.222157	1.69947	1.69947	5.39552	14.5989	2.4051	1
cg26480358	0.0607901	0.783757	-1.27591	0.00292252	1.60209	1.60209	0.0384219	0.758427	-1.31852	0.905974	0.986471	-1.01371	6.87601	1.44713	0.187077	1
cg02368428	0.115221	0.820238	-1.21916	0.000160534	2.10849	2.10849	0.490859	1.08434	1.08434	0.199608	1.16977	1.16977	6.64153	1.40829	0.188483	1
cg02467518	0.211871	0.815069	-1.22689	0.0273245	1.50081	1.50081	0.155856	1.26628	1.26628	0.139432	1.28056	1.28056	5.5859	2.13882	0.340352	1
cg24774002	0.417775	1.15888	1.15888	0.00182504	0.454382	-2.20079	0.143012	0.755549	-1.32354	0.929419	0.984348	-1.0159	4.36234	2.19085	0.446418	1
cg03413810	0.547121	1.15584	1.15584	0.257883	1.32398	1.32398	0.925981	0.978155	-1.02233	0.588066	0.878104	-1.13882	4.36123	3.90267	0.795426	1
cg11560666	0.000428373	2.30128	2.30128	0.188946	0.812131	-1.23133	0.313616	0.855709	-1.16862	0.00196079	0.519744	-1.92403	22.6474	8.0186	0.314723	1
cg02219476	0.31154	0.845197	-1.18316	0.411039	0.873684	-1.14458	0.0165491	0.624831	-1.60043	0.017896	0.629843	-1.5877	5.94106	2.42811	0.363289	1
cg09392381	0.207912	1.30164	1.30164	0.367596	1.20172	1.20172	0.00755416	0.505428	-1.97852	0.0126839	0.540609	-1.84976	4.19223	2.61718	0.554927	1
cg24880818	0.00795578	0.256855	-3.89324	0.000140969	0.0724862	-13.7957	0.0128383	0.290996	-3.43648	0.00848749	0.261278	-3.82734	10.8961	27.5399	2.24666	1
cg18645493	0.0405289	0.199046	-5.02397	0.00204867	0.0515675	-19.3921	0.00805498	0.0986384	-10.138	0.0296994	0.174413	-5.73353	6.01478	44.3608	6.55582	1
cg07829693	0.00212279	0.465506	-2.1482	0.0104369	0.565043	-1.76978	0.836026	1.03738	1.03738	0.0745924	0.70352	-1.42142	8.29397	4.11758	0.441293	1
cg18784552	0.996078	0.997952	-1.00205	0.0450479	0.383062	-2.61055	0.325037	1.52809	1.52809	0.028726	0.340815	-2.93415	3.40629	9.3914	2.45074	1
cg17871838	9.96E-05	0.185321	-5.39605	0.0829916	1.59772	1.59772	0.504198	0.847512	-1.17992	0.0513432	0.581825	-1.71873	13.8523	13.0735	0.838913	1
cg01966791	0.983392	0.995426	-1.00459	0.0166076	1.90454	1.90454	0.000516588	3.29733	3.29733	0.0208071	0.541846	-1.84554	8.35236	6.41614	0.68283	1
cg14609520	0.076435	1.34174	1.34174	1.81E-05	0.271009	-3.68991	0.0854981	0.753136	-1.32778	0.0876288	1.32473	1.32473	11.9139	4.19735	0.313162	1
cg00282704	0.445201	0.677815	-1.47533	0.00565766	0.162973	-6.13599	0.0172027	0.23445	-4.2653	0.0547246	0.336616	-2.97074	8.68884	34.3597	3.51508	1
cg19767734	0.120041	0.896802	-1.11507	0.00312613	0.770303	-1.29819	0.00178993	0.7505	-1.33245	0.105635	0.892111	-1.12094	11.0586	0.730537	0.0587205	1
cg14764512	0.23978	1.41188	1.41188	?	?	?	0.133822	0.635663	-1.57316	0.0415584	1.93185	1.93185	4.21238	4.65641	1.10541	1
cg04527470	0.0629725	0.519765	-1.92395	0.0295584	0.448651	-2.22891	0.0378756	2.12375	2.12375	0.735762	0.899458	-1.11178	5.57441	8.64045	1.3778	1
cg21019820	0.540472	0.94834	-1.05447	1.37E-05	0.459535	-2.17611	0.42588	0.932768	-1.07208	0.739284	0.971816	-1.029	11.8872	1.37941	0.103148	1
cg00400165	0.0362164	0.488167	-2.04848	0.100491	0.588736	-1.69855	0.199196	0.670706	-1.49097	0.161642	0.643993	-1.55281	4.87204	6.68972	1.22052	1
cg21915970	0.000445405	0.385309	-2.59532	0.943077	0.987785	-1.01237	0.0190844	0.613692	-1.62948	0.629106	0.919652	-1.08737	20.4584	9.59742	0.416994	1
cg22533683	0.0161725	5.39321	5.39321	0.000499042	22.6316	22.6316	0.0053686	8.16479	8.16479	0.0183854	5.14718	5.14718	6.39396	33.2203	4.61829	1
cg08667128	0.0372277	45.9708	45.9708	0.0074864	232.705	232.705	0.0257377	66.1964	66.1964	0.0346111	49.3924	49.3924	3.53432	140.257	35.2749	1
cg22894896	0.0307281	47.2203	47.2203	0.0100443	139.142	139.142	0.025371	56.646	56.646	0.0503991	29.5905	29.5905	3.49525	127.72	32.4809	1
cg20286236	0.103522	13.2476	13.2476	0.00605318	181.728	181.728	0.0706744	18.7509	18.7509	0.0261276	46.0631	46.0631	3.40516	113.574	29.6476	1
cg09918657	0.324195	0.438088	-2.28265	0.000574546	0.0132957	-75.2123	0.0161367	0.0919865	-10.8712	0.273342	2.51956	2.51956	6.93086	72.1296	9.25068	1
cg07665535	0.235095	0.562432	-1.77799	0.000221447	0.0581586	-17.1944	0.0182952	0.265984	-3.75962	0.666063	0.81809	-1.22236	6.86598	23.2546	3.01061	1
cg03295417	0.666002	0.806223	-1.24035	0.00097435	0.0877201	-11.3999	0.0235054	0.261333	-3.82653	0.313008	1.67801	1.67801	6.36611	24.8042	3.46336	1
cg06273075	0.326008	0.606292	-1.64937	0.00177153	0.111176	-8.99477	0.0208252	0.253434	-3.9458	0.830541	1.11154	1.11154	5.1813	19.9799	3.4277	1
cg04018325	0.608028	0.786951	-1.27073	0.00311865	0.153782	-6.50272	0.0781326	0.403945	-2.47559	0.465942	1.41006	1.41006	4.34085	14.7463	3.01964	1
cg10420310	0.402674	0.58728	-1.70276	0.00482522	0.0979155	-10.2129	0.0717082	0.286597	-3.48923	0.308221	1.92602	1.92602	3.90427	23.8824	5.43734	1
cg23266943	0.00685842	1.58699	1.58699	0.000155583	0.425589	-2.34969	0.299972	0.867895	-1.15221	0.142412	0.812209	-1.23121	16.7808	4.6243	0.244952	1
cg11263011	0.0911907	0.550689	-1.81591	0.180506	0.633807	-1.57777	0.00786529	0.335035	-2.98476	0.553324	1.21203	1.21203	3.87729	6.3146	1.44766	1
cg23690166	0.000939894	0.137924	-7.25037	0.848605	0.926146	-1.07974	0.000138665	14.0636	14.0636	0.023257	2.97086	2.97086	16.2408	41.4549	2.2689	1
cg01452847	0.934558	0.958848	-1.04292	0.8291	1.11696	1.11696	0.000395214	17.9462	17.9462	0.911824	1.05832	1.05832	6.54936	27.1594	3.68612	1
cg02329038	0.0296379	0.4734	-2.11238	0.0270835	0.465673	-2.14743	0.0227871	0.451163	-2.21649	0.592573	1.17089	1.17089	3.69398	4.99079	1.20094	1
cg18771937	0.0177644	0.503987	-1.98418	0.036758	0.561722	-1.78024	0.0607968	1.65275	1.65275	0.0693669	0.616974	-1.62081	6.94907	6.21929	0.79554	1
cg16400495	0.108322	0.596955	-1.67517	0.00511076	0.336358	-2.97302	0.00344647	0.310426	-3.22138	0.504092	0.819011	-1.22098	6.04068	8.29795	1.22105	1
cg10662314	0.211194	0.722558	-1.38397	0.0013876	0.31876	-3.13715	0.0586534	1.69369	1.69369	0.732781	0.918931	-1.08822	5.1687	4.9817	0.856731	1
cg08053137	0.0157993	0.525107	-1.90437	0.00189646	0.383359	-2.60852	0.139706	0.707378	-1.41367	0.15686	0.719038	-1.39075	5.16052	3.87835	0.668039	1
cg05412137	0.121508	0.770177	-1.2984	0.0435496	0.696969	-1.43478	0.00877387	1.68073	1.68073	0.682585	1.06605	1.06605	4.25998	1.63255	0.340648	1
cg03905819	0.150561	0.784292	-1.27504	0.185024	0.801184	-1.24815	0.0018252	2.01077	2.01077	0.109577	1.31665	1.31665	4.14108	1.63089	0.350073	1
cg14679255	0.0109408	0.388697	-2.5727	0.0358432	0.485523	-2.05964	0.741852	1.10275	1.10275	0.219818	0.682657	-1.46486	3.7107	5.14532	1.23255	1
cg14780416	0.898523	0.981412	-1.01894	0.00230705	0.5346	-1.87056	4.57E-05	3.10551	3.10551	0.0387586	1.42185	1.42185	59.5546	20.3997	0.304478	1
cg08362210	0.0143828	0.682667	-1.46484	0.00424087	0.616122	-1.62305	1.34E-05	3.1681	3.1681	0.96832	0.994988	-1.00504	40.6275	10.3012	0.225379	1
cg01024168	0.555313	0.908649	-1.10053	0.42065	0.876248	-1.14123	0.0620444	1.40125	1.40125	0.310717	0.844998	-1.18344	39.481	16.1225	0.362987	1
cg15912800	0.0739518	0.556352	-1.79742	0.000905535	0.231903	-4.31215	7.99E-07	49.1671	49.1671	0.693687	1.1236	1.1236	36.8512	50.5887	1.22025	1
cg18311537	0.371609	0.886606	-1.1279	0.00279898	0.582494	-1.71676	9.14E-06	3.52239	3.52239	0.146039	1.22721	1.22721	35.2389	9.60635	0.242317	1
cg26259537	0.170168	1.51822	1.51822	0.0401515	0.507766	-1.96941	1.77E-05	12.2894	12.2894	0.30737	1.35256	1.35256	32.0508	36.8576	1.14998	1
cg05250768	0.765767	1.08159	1.08159	0.429602	0.809233	-1.23574	0.0127859	2.2522	2.2522	0.857629	1.04827	1.04827	28.5742	31.1883	0.970208	1
cg25644556	0.699922	1.11891	1.11891	0.00465737	0.335648	-2.97932	0.246002	1.42187	1.42187	0.828157	1.06509	1.06509	24.6927	32.9117	1.18476	1
cg05027336	0.93274	1.01853	1.01853	0.00685426	0.466988	-2.14138	0.00100016	2.89365	2.89365	0.549886	1.1406	1.1406	24.4228	18.291	0.665718	1
cg16447012	0.127228	0.747956	-1.33698	0.00355766	0.498836	-2.00467	0.037798	1.52828	1.52828	0.347861	1.18553	1.18553	22.5662	11.0805	0.436464	1
cg24884519	0.964809	0.990764	-1.00932	0.0950366	0.679905	-1.47079	4.35E-05	5.1117	5.1117	0.331128	0.809865	-1.23477	18.7216	13.1148	0.622684	1
cg08964780	0.896609	0.938037	-1.06606	0.41027	0.660801	-1.51331	0.651285	1.2509	1.2509	0.610416	1.28763	1.28763	9.03325	34.6328	3.40793	1
cg25105745	0.177071	0.720641	-1.38765	0.485396	0.850546	-1.17572	0.00472261	2.35639	2.35639	0.0789769	0.64057	-1.56111	11.6829	9.64775	0.734047	1
cg11515530	0.419323	1.12227	1.12227	0.165355	1.22981	1.22981	0.386351	1.13217	1.13217	0.258433	0.848028	-1.17921	6.23433	1.92963	0.275126	1
cg23666362	0.905873	0.985648	-1.01456	0.000234038	0.474427	-2.10781	0.0396209	1.33751	1.33751	1.34E-05	0.328174	-3.04716	61.2884	14.4972	0.210258	1
cg19081358	0.884208	0.972833	-1.02793	0.790328	1.05166	1.05166	0.219234	0.783334	-1.27659	0.000360745	0.339167	-2.9484	12.9654	7.3353	0.502897	1
cg22914762	0.783444	0.976332	-1.02424	0.723864	1.03132	1.03132	0.103012	1.16774	1.16774	0.00880149	0.748245	-1.33646	10.1873	1.21958	0.106414	1
cg23740016	0.150004	0.614194	-1.62815	0.0551914	0.503287	-1.98694	0.30895	0.71706	-1.39458	0.0027008	0.27004	-3.70315	6.97677	11.0241	1.40454	1
cg16695999	0.0536044	1.75091	1.75091	0.0093292	2.32268	2.32268	0.0454841	1.79715	1.79715	0.776435	1.07547	1.07547	8.01605	8.29138	0.91942	1
cg25368943	0.32682	1.12831	1.12831	0.000793114	1.83032	1.83032	0.509693	1.08303	1.08303	0.354635	0.892648	-1.12026	6.29915	1.41883	0.200215	1
cg00964137	0.113471	1.29242	1.29242	0.00351765	1.80301	1.80301	0.689625	1.06161	1.06161	0.523321	1.10113	1.10113	4.49477	1.5791	0.312284	1
cg13488877	0.0508291	0.395248	-2.53006	0.00117736	0.137258	-7.28556	0.407063	0.701986	-1.42453	0.114542	0.488661	-2.04641	5.08577	14.0207	2.45054	1
cg24468934	0.648097	0.903548	-1.10675	0.00549954	0.446817	-2.23805	0.575242	0.882531	-1.1331	0.0189396	0.534054	-1.87247	9.50787	7.33631	0.68587	1
cg11377047	0.0109571	2.01218	2.01218	0.00333098	2.39929	2.39929	0.139439	1.41669	1.41669	0.992787	1.00198	1.00198	9.32023	7.08027	0.675259	1
cg16395432	0.274763	0.797029	-1.25466	0.82346	0.95637	-1.04562	0.634396	0.908787	-1.10037	0.158216	0.739947	-1.35145	4.06692	2.56731	0.561125	1
cg06754197	0.00900056	0.619955	-1.61302	0.252595	1.18772	1.18772	0.327516	1.15662	1.15662	0.100633	0.771908	-1.29549	10.4273	3.42251	0.291757	1
cg02660440	0.588853	1.13213	1.13213	0.146763	1.42499	1.42499	0.222737	1.33827	1.33827	0.0431706	0.589183	-1.69727	7.54068	6.17634	0.728061	1
cg18544365	0.0277261	1.65799	1.65799	0.00343048	2.16508	2.16508	0.720859	1.0722	1.0722	0.485695	0.871401	-1.14758	6.90359	4.12825	0.531544	1
cg23047544	0.0226542	2.48911	2.48911	0.0417884	2.19057	2.19057	0.267631	1.47095	1.47095	0.861083	1.06028	1.06028	4.9365	8.73159	1.57225	1
cg25214966	0.00421555	0.437777	-2.28427	0.288447	1.26816	1.26816	0.236259	1.30675	1.30675	0.00299965	0.415863	-2.40464	14.023	10.3212	0.65424	1
cg13718827	0.00103421	0.125929	-7.94098	0.000157504	0.0635306	-15.7405	0.797744	0.896295	-1.1157	0.010251	0.25167	-3.97346	9.29659	26.7629	2.55892	1
cg17799287	0.322957	0.620693	-1.6111	0.00209855	0.132473	-7.54868	0.0596131	0.370442	-2.69948	0.046028	0.343663	-2.90982	5.15053	17.8007	3.07208	1
cg07641807	0.605522	0.754505	-1.32537	0.00733548	0.154311	-6.48041	0.047336	0.293221	-3.4104	0.196499	0.477889	-2.09254	7.85349	36.3608	4.11546	1
cg02297838	0.144247	0.338573	-2.95357	0.0399759	0.194147	-5.15073	0.150603	0.345166	-2.89715	0.278114	0.459007	-2.17862	4.12178	31.12	6.71125	1
cg23665802	0.119931	0.278529	-3.5903	0.0159473	0.106892	-9.35527	0.140071	0.300347	-3.32949	0.343397	0.477339	-2.09495	3.70598	33.6936	8.08151	1
cg16561256	0.00677976	1.59589	1.59589	0.001633	1.8241	1.8241	0.19213	1.20192	1.20192	0.562999	1.08101	1.08101	9.71102	2.72926	0.249821	1
cg11203990	0.236984	1.182	1.182	0.148102	1.23292	1.23292	0.00794514	1.58297	1.58297	0.00655035	1.61068	1.61068	9.25294	2.66903	0.256402	1
cg14161399	0.133817	0.707991	-1.41245	0.00735543	2.09128	2.09128	0.29119	1.26354	1.26354	0.690544	1.08922	1.08922	7.8499	5.67048	0.642101	1
cg01537494	0.642739	1.09279	1.09279	0.00412501	2.07651	2.07651	0.325469	1.2127	1.2127	0.690209	1.07907	1.07907	3.50816	2.00459	0.507918	1
cg16642299	0.348768	0.835718	-1.19658	0.00155214	2.3316	2.3316	0.00452027	2.02172	2.02172	0.261094	1.24365	1.24365	7.24199	3.97004	0.487286	1
cg14524334	0.51411	1.12018	1.12018	0.0756804	1.40375	1.40375	0.809672	1.04226	1.04226	0.987934	1.0026	1.0026	3.91266	1.82322	0.414205	1
cg11164162	0.263111	1.50008	1.50008	0.098934	0.533221	-1.87539	0.0468898	2.20502	2.20502	0.0230681	2.57159	2.57159	3.50825	6.71286	1.70085	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1377 vs. N)	Fold-Change(1 vs.1377)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5633 vs. N)	Fold-Change(5 vs.5633)	F(Error
cg10059536	MIR203	0.00172574	0.0192237	5.52159	0.9188	1.114497	0.68484	-1.46074	0.042645	0.590617	1.69334	0.172266	0.728137	-1.37337	0.06910162	0.635171	1.57438	0.000353474	1.226312	-4.41869	0.00146033	3.11447	0.1447	0.2493102	1.29939	0.21090414	2.10929	15.3666	10.6191	0.4607	1
cg27314336	MIR203	0.0371725	0.488179	1.32656	1.32656	0.2939969	0.357217	-2.79942	0.0611245	0.428803	-2.33207	0.639005	0.827305	-1.20874	0.04864067	0.223569	4.4729	0.05324574	0.414301	-2.4137	0.021004	0.328224	-3.0467	0.08086496	0.45091	-2.17434	0.1999115	0.5807798	-1.72177	3.78344	9.64771	2.26665	1
cg21091128	MIR203	0.0176049	0.1894211	1.89759	1.89759	0.3977799	1.49029	1.49029	0.530038	0.745913	-1.34064	0.423859	0.686325	-1.45704	0.1122598	0.450799	-2.21828	0.05173862	0.3606619	-2.77301	0.00157265	0.123198	-8.10386	0.863766	0.92391	-1.08236	0.7121761	0.8433227	-1.18578	3.7675	12.6713	2.98962	1
cg26754262	MIR203	0.00193535	0.0028003	0.22106	-4.50926	0.352175	0.703284	-1.42703	0.0408545	0.439322	-2.27624	0.001911947	0.197882	-5.03215	0.000137777	0.083835	-11.9249	0.007973226	0.2800469	-3.55937	0.000294511	0.114381	-8.74268	0.253278	0.64488	-1.55067	0.00913445	0.2959964	-3.37879	11.6511	24.9447	3.90309	1
cg22887663	MIR206	4.44E-05	0.0882306	0.845192	-1.18316	9.51E-05	0.537156	-1.86166	3.12E-05	0.483446	-2.06765	0.089794	0.846026	-1.182	0.00130558	0.239954	-4.16742	2.67E-05	0.0194257	-5.15007	1.25E-05	0.428848	-2.33401	1.35E-05	0.442874	-2.25798	0.858977	0.984326	-1.01592	0.357821	0.918028	-1.08822	0.00801735	0.738036	0.47632	3.47705	0.11254	1
cg25284213	MIR206	0.0205737	0.2284755	0.838594	-1.19247	0.5134566	0.911577	-1.097	0.00880718	0.627359	-1.59398	0.000412076	0.457759	-2.18654	2.67E-05	0.314537	-3.17928	0.004100506	0.584756	-1.71011	0.20405	1.20538	-1.20538	0.919935	0.676026	-1.47923	0.0205724	0.677906	-1.47513	13.7308	4.2237	0.273407	1
cg15671688	MIR206	0.0125591	0.9053443	1.02237	1.02237	0.00414905	2.0434	2.0434	0.0247933	1.64362	1.64362	0.0802027	1.43467	1.43467	0.438291	1.15838	1.15838	0.09341135	1.40938	1.40938	0.00318617	2.11474	2.11474	0.185471	0.770201	-1.29836	0.0117831	1.79488	1.79488	5.4916	3.0077	0.486836	1
cg05831747	MIR208B;MYH7	0.00115529	0.687467	1.05837	1.05837	0.020107231	0.183848	-2.6077	0.1666503	1.50704	1.50704	0.336235	1.14924	1.14924	0.406.05	1.325603	-1.07066	0.015971	0.623156	-1.61035	0.00134568	1.753763	1.95763	0.757809	0.957537	-1.04435	0.7216117	0.951049	-1.05147	19.6722	6.1317	0.277061	1
cg23474179	MIR208B;MYH7	0.0018083	0.529675	0.935441	-1.06901	0.0578709	0.956884	-1.04506	0.0322149	0.768807	-1.30072	0.783771	0.02931	1.251493	0.0048145	1.10445	1.10445	0.159111	0.854075	-1.17086	0.007202847	1.71483	1.71483	0.865409	0.982402	-1.01791	0.000160384	0.508727	-1.26569	9.82853	1.72757	0.154667	1
cg09187013	MIR208B;MYH7 MIR208;MIR363;MIR18B;MIR106A;MIR	0.1177371	0.4656865	0.737439	-1.35604	0.1747933	0.292187	-3.42247	0.294142	0.639929	-1.56267	0.0261537	0.338758	-2.95196	0.00187706	0.163858	-6.10286	0.830147	1.09213	1.09213	0.00885802	0.254926	-3.92271	0.427869	0.717433	-1.39386	0.0228452	0.327162	-3.05659	4.89929	13.0591	2.36934	1
cg13272357	19B2-MIR92A2	0.00170856	0.411671	0.801661	-1.24741	0.970361	0.990263	-1.00983	0.0326472	0.517676	-1.93171	0.0248661	0.494983	-2.02027	5.32E-05	0.137142	-7.29174	0.041028	1.86072	1.86072	0.0203297	0.47873	-2.08886	0.663861	0.891225	-1.12205	0.01379001	0.44857	-2.22931	10.0931	11.0869	0.976416	1
cg02515237	MIR21	1.15E-05	0.0597747	0.6405502	-1.49581	0.22646	0.786051	-1.27215	0.0010304	0.277605	-3.60572	7.09E-05	0.253244	-3.94877	0.00145319	0.418195	-2.39123	0.148825	1.34106	1.34106	1.36E-05	5.49309	5.45499	0.0274466	0.60995	-1.64948	99.149	22.2735	0.505726	1
cg15759721	MIR21	5.88E-05	0.830571	1.04364	1.04364	0.10962	1.41576	1.41576	0.00503457	0.477367	-2.09483	0.000279047	0.305775	-3.27038	0.00150409	0.385153	-2.48847	0.00408917	2.15538	2.15538	1.13E-05	0.155957	-6.41202	0.000690889	2.80778	2.80778	0.0671001	0.664278	-1.50539	25.5004	26.0456	0.559313	1
cg27023597	MIR21	0.00012681	0.401863	0.811886	-1.2317	0.260818	0.752123	-1.32957	0.00423236	0.394393	-2.53554	0.000203158	0.239954	-4.16747	0.00059952	0.417527	-2.39505	0.485806	1.1877	1.1877	6.96E-06	0.0891458	-11.2176	0.00238276	0.27917	-2.79717	0.0539782	0.587824	-1.70119	20.8071	19.4413	0.830541	1
cg04276626	MIR21	0.00032994	0.7709068	0.927747	-1.0849	0.2182644	0.663324	-1.50332	0.0715197	0.570274	-1.75354	0.012062	0.266113	-3.7578	0.00923101	0.513815	-1.94623	0.283631	1.36462	1.36462	1.62E-05	0.0838168	-11.9308	0.00245929	1.23974	1.23974	0.0838641	0.586333	-1.70552	10.6269	19.7604	1.09646	1
cg06471491	MIR21	0.00060746	0.0018701	0.369926	-2.70324	0.629226	1.1159	1.1159	0.221227	0.748375	-1.33623	0.011181	0.488366	-2.04764	0.01378681	0.503482	-1.98617	0.754558	0.931748	-1.07325	0.000105849	0.2133742	-4.67853	0.000765174	3.15511	3.15511	0.5800158	0.8831666	-1.13422	13.5371	10.8935	0.7153	1
cg07181702	MIR21	0.0172446	0.49681	0.735155	-1.36029	0.1190133	0.470325	-1.22619	0.0584848	0.686086	-2.5901	0.0256997	0.362756	-3.25992	0.0127786	0.481951	-2.0749	0.357273	1.52752	1.52752	0.00265489	0.655164	-1.52582	0.0126148	0.99589	0.99589	0.90403	0.904625	-1.05527	4.94578	15.581	2.80092	1
cg20475760	MIR210	0.0019908	0.0107093	0.4974422	-2.01066	0.0002677	0.3447631	1.14731	0.8718201	0.182761	1.03403	0.1240924	0.0002258	-4.55298	0.0002018	0.263111	-3.82686	0.277906	0.7818867	-1.27899	0.604924	1.32054	1.32054	0.2953442	0.795342	-1.25732	0.3436698	0.8083879	-1.23704	11.1769	8.41903	0.609559	1
cg27193691	MIR210	0.0105135	0.639732	0.94305	-1.06039	0.147261	0.824125	-1.21341	0.496123	0.917638	-1.08975	0.584894	0.933691	-1.07102	0.509394	0.920125	-1.08681	0.888974	0.982776	-1.01753	0.000545607	0.512633	-1.95071	0.848033	1.02415	1.02415	0.221128	1.17348	1.17348	4.06225	0.99531	0.217791	1
cg05830402	MIR210	0.0182877	0.0322894	0.532259	-1.87979	0.0128035	0.816169	-1.22553	0.040041	0.550492	-1.81656	0.589076	0.871806	-1.14704	0.0160351	0.542502	-1.8463	0.100049	1.57252	1.57252	0.00135644	0.636055	-1.57169	0.0313784	1.80004	1.80004	0.1961996	0.7997007	-1.26501	0.3137194	1.29962	1.29962	3.72894	3.737109	0.8908551	1
cg17741865	MIR210;C10orf118	0.0009729	0.0232417	0.3911115	-2.55679	0.32282	0.5233	1.4123	0.235885	0.52323	1.52323	7	7	7	7	7	7	0.002314	0.2203254	-4.53816	0.253463	0.667748	-1.49757	5.75E-05	0.0614366	-16.2769	0.0306338	0.493258	2.03089	15.1522	20.6743	1.36436	1
cg23426816	MIR210;C10orf118	0.0122843	0.0731468	0.4609	-2.16952	0.1255016	0.459387	-1.36155	0.0156516	0.413159	-2.42066	0.0131616	0.25652	-3.89832	0.0303827	0.25238	-3.94011	0.008655	0.5842752	0.0107417	0.0178407	0.230035	-4.76112	0.0107417	0.23125	-4.75372	0.0075208	0.272428	-3.67069	0.62529	16.5128	4.16299	1
cg15372479	MIR210;C10orf118;C10orf118	0.00101154	0.0578677	0.777475	-1.28621	0.162483	0.839424	-1.19129	0.499219	0.08385	1.08385	0.730591	1.04141	1.04141	0.640931	1.05669	1.05669	0.754878	0.963904	-1.03745	1.67E-05	0.35394	-2.82534	0.04101791	1.31875	1.31875	0.307205	1.13211	1.13211	11.7283	2.55938	0.193976	1
cg25199591	MIR2113	0.00092686	0.0127686	0.5194909	-1.92493	0.070673	0.2525853	0.8578866	-1.1658	0.260298435	0.480285	-2.0821	0.110639	0.731283	-1.36746	0.304079	1.74104	0.495264	1.15788	1.15788	0.00161245	0.622585	-1.60655	0.0042674	1.64922	1.64922	0.00409913	0.442522	0.813264	0.630877	1
cg25570034	MIR2116	0.0038628	0.258654	1.58568	-1.75953	0.0128888	0.29897	-1.34482	0.0007979	0.180516	-2.59707	0.000179	0.034117	-5.55754	0.000102	0.107609	-9.29412	0.000782	0.3941127	0.0035533	0.0016583	0.253533	-3.94442	0.0025533	0.10683	-9.36359	0.0024929	0.23974	0.0838641	1.58633	1.70552	0.16269	1
cg21870760	MIR214	0.00810005	0.0514156	0.435806	-2.2946	0.6846569	0.465843	-2.14665	0.298395	0.667859	-1.49732	0.009147	0.289435	-3.455	0.00198481	0.194792	-5.13369	0.160585	0.754753	-1.32494	0.0417435	0.415188	-2.40855	0.0051508	0.250683	-3.98911	0.00144718	0.178385	-5.60587	6.31938	14.0376	1.97454	1
cg10193091	MIR216;MYO1E	0.00856562	0.0783414	0.727261	-1.37519	0.0705187	0.254434	-1.9355	0.0003978	0.154574	-3.2538	0.117656	0.347259	-2.87634	0.0155452	0.37532	-2.66395	0.369807	1.5433	1.5433	0.00864965	0.648649	-1.54144	0.0125326	1.99589	1.99589	0.00403	0.940625	-1.05527	4.94578	15.581	2.80092	1
cg20479293	MIR217	4.01E-05	0.465599	1.13097	1.13097	0.00639995	0.554688	-1.80281	0.0394245	0.673125	-1.48561	0.352971	1.17208	1.17208	0.326735	2.07E-37	0.0980923	-10.195	0.0611824	1.49175	1.49175	0.157844	1.28514	1.26385	1.31615	1.31615	0.378068	0.860495	-1.16212	28.2153	12.333	0.388537	1
cg10165909	MIR217	0.00140862	0.0007163	0.208938	-4.7861	0.000163103	0.141512	-7.06656	0.00758778	0.352079	-2.84027	0.0345924	0.472816	-2.11499	0.0305933	0.461936	-2.1648	0.187253	0.653829	-1.52945	0.001154	0.2341766	-4.27029	0.770133	1.09316	1.09316	0.00712483	0.347625	-2.87666	10.6707	15.6182	1.30102	1
cg02389634	MIR217	0.0074161	0.0714611	0.432615	-2.31146	0.2037742	0.758152	-1.3195	0.0552403	0.537615	-1.86129	0.011405	0.275533	-3.62609	0.0113405	0.275634	-3.62771	0.0104606	0.4753975	0.0159661	0.0230144	0.155604	-6.42657	0.0156604	0.0159661	0.0230144	0.155604	-6.42657	0.0159661	0.0230144	0.155604	-6.42657	1
cg02606028	MIR217;TRPM1	0.00213873	0.25279	0.770327	-1.29815	0.303599	1.26209	1.26209	0.67067	0.911457	-1.09734	0.040448	0.613077	1.63007	0.00024934	0.267008	3.7452	0.000492818	0.1036003	0.293178	0.883215	0.9684	-1.03263	0.149061	0.713182	-1.40217	0.0453959	0.650704	1.53702	0.94506	7.1463	0.67184	1
cg06314969	MIR217;TRPM1	0.00240734	0.343265	0.675178	-1.48104	0.0310554	0.1965	-1.50884	0.0154845	0.340453	-2.93855	0.0041784	0.310513	-3.21825	0.0017401	0.160787	-6.21907	0.004618088	0.4525667	0.0027224	0.0107247	0.221045	-4.52507	0.0027224	0.23855	-4.19169	0.0078778	0.170638	1.05818	0.0181121	0.297116	0.0181121	1
cg22208012	MIR212;MIR132	0.00492718	0.246247	0.908203	-1.10108	0.000213769	0.612026	-1.63392	0.439589	1.06459	1.06459	0.457654	1.0619	1.0619	0.0361992	0.824144	2.21338	0.357884	0.927672	-1.07797	0.00462864	0.741444	-1.34872	0.234991	1.10389	1.10389	0.839623	1.01622	1.01622	7.37152	0.736127	0.0887653	1
cg04631281	MIR212;MIR132	0.0295076	0.753961	0.928822	-1.07663	0.0951481	0.650395	-1.53824	0.523145	0.845551	0.866814	-1.15365	0.0902725	0.460033	-2.17376	0.099414	0.654331	-1.52828	0.0210176	0.298698	0.28698	0.545276	1.15461	1.15461	0.0425256	0.57781	-1.73067	4.1109	3.59086	0.776444	1
cg20102086	MIR216A	0.00183444	0.304303	0.7252	-1.37898	0.0238654	0.097852	-1.79792	0.0010184	0.18508	-2.70234	0.000204	0.022894	4.3689972	0.00134	0.228659	4.37387	0.000111875	0.7749463	0.2009	0.0438829	0.3244227	-3.08235	0.2009	0.24066	-4.15604	0.0018364	0.1959	1.19574	0.0008784	0.1959	0.0008784	1
cg12686754	MIR216A	0.00314596	0.373702	0.896535	-1.1154	0.454827	0.91297	-1.09533	0.483294	0.918317	-1.08895	0.714719	1.04488	1.04488	8.52E-06	0.313904	3.18569	0.000394782	0.509149	-1.96406	0.0994506	1.24109	1.24109	0.0886616	1.25186	1.25186	0.403532	0.902813	-1.10765	16.2375	3.67889	0.201393	1
cg10603296	MIR218-1;SLIT2	0.00408385	0.327237	0.7651	-1.30732	0.1019559	0.5892	1.3682	0.753249	0.87222	1.14622	0.777222	0.910485	1.09842	0.794022	0.922599	1.08398	0.000280506	0.2484208	4.02883	0.753137	0.9244	1.08171	0.937795	0.97493	1.02587	0.732553	0.74656	1.34473	0.74656	1.34473	0.74656	1
cg00749969	MIR218-1;SLIT2	0.0282426	0.279477	0.8167755	-1.22436	0.405233	0.857866	-1.1658	0.00298435	0.480285	-2.0821	0.110639	0.731283	-1.36746	0.304079	1.17404	1.17404	0.061373	1.46148	1.46148	0.0454581	1.51104	1.51104	0.852058	0.966949	-1.03418	0.687888	0.929079	1.17501	4.17507	2.14308	0.456269	1
cg22508905	MIR218-1;SLIT2	0.0430207	0.935694	1.01884	1.01884	0.00259644	0.380932	-2.62521	0.04577	0.588822	-1.69831	0.561335	0.872984	-1.1455	0.098487	1.52056	1.52056	0.397142	0.818296	-1.22205	0.238955	1.33008	1.33008	0.619884	0.89079	-1.1226	0.517404	0.859161	-1.16393	1.58521	3.03742	0.753074	1
cg21120641	MIR218-1;SLIT2	0.0449861	0.8449193	1.03135	-1.03135	0.0001	0.0001	-1.96786	0.0001	0.0001	-3.32091	0.0001	0.0001	-3.76754	0.0001	0.0001	-4.07939	0.0001	0.0001	0.0001	0.0001	0.0001	-8.18013	0.0001	0.0001	0.0001	0.0001	0.0001	-8.18013	0.0001	0.0001	0.0001	-8.18013	1
cg09190419	MIR219-1	0.00379313	0.195793	1.42231	1.42231	0.000074725	0.256489	-3.89881	0.0128125	0.567344	-1.7626	0.0340421	0.18091	1.80091	0.366331	0.787384	2.17003	0.033432	0.527316	-1.89639	0.092467	0.620757	-1.61094	0.0145386	0.460638	-2.1709	0.041641	1.83087	7.9395	8.37939	0.933494	1
cg07725389	MIR219-1	0.00710718	0.4209253	0.7844	-1.27484	0.0238409	0.126248	-1.98205	0.0001	0.0001	-3.54482	0.0001	0.0001	-4.01356	0.0001	0.0001	-4.28845	0.0001	0.0001	0.0001	0.0001	0.0001	-8.88561	0.0001	0.0001	0.0001	0.0001	0.0001	-8.88561	0.0001	0.0001	0.0001	-8.88561	1
cg13932731	MIR219-2	0.00720325	0.226397	0.616363	-1.62242	0.000168901	0.0873223	-11.4518	0.0501725	0.427113	-2.3413	0.493937	0.767187	-1.30346	0.089785	0.490414	-2.03909	0.0286865	0.374103	-2.67306	0.0403091	0.4055556	-2.46575	0.0145781	0.317849	-3.14614	0.928789	1.03464	1.03464	6.55629	15.0717	2.04339	1
cg20431592	MIR219-2	0.0220625	0.256815	0.767089	-1.3034	0.0159435	0.159429	-6.27253	0.0819932	0.534754	-1.8703	0.462964	0.780018	-1.28202	0.0987123	0.383924	-2.60543	0.119634	0.570863	1.75173	0.0126496	0.2744967	-3.64267	0.0074264	0.150115	-6.66351	0.0059426	0.107775	-9.28161	0.0159435	0.159429	-6.27253	0.0819932	1
cg21139564	MIR220A	5.79E-05	0.887382	0.983607	-1.01627	0.000358518	0.512526	-1.30112	2.88E-05	0.326155	-3.06497	2.43003E-08	0.000178	-8.18374	1.56E-07	0.143515	-8.25203	0.127173	0.824963	-1.21218	0.0142651	1.71285	1.71285	0.147313	0.83202	-1.2024	0.0059808	0.539113	1.85498	25.6044	5.57736	0.191542	1
cg08634657	MIR220A	0.00025695	4.17E-05	0.323054	-3.09546	0.0015613	0.517722	-1.93154	0.000537906	0.458547	-2.1808	9.27E-05	0.364151	-2.74611	0.00104683	0.495368	-2.0187	0.940233	1.01059	1.01059	0.00233332	0.540381	-1.85055	0.171796	0.81005	-1.23449	0.017339	0.657272	-1.52144	17.1768	5.70532	0.295246	1
cg07653553	MIR220A	0.0156523	0.196454	1.41982	1.41982	0.203772	0.758252	-1.31955	0.0013555	0.255165	-3.91923	0.285624	0.407554	-2.45366	0.0166477	0.140127	-6.00775	0.0139634	0.9744485	1.02616	0.0133187	0.5495174	-1.82003	0.0156604	0.0159661	0.0230144	0.155604	-6.42657	0.0159661	0.0230144	0.155604	-6.42657	1
cg16803643	MIR220A	0.0066514	0.15713	1.66568	1.66568	0.0525996	0.475636	-2.10245	0.10008	0.544644	-1.83606	0.00380157	0.147579	-6.77603	0.17893	0.617855	-1.6185	0.095443	0.854667	1.85467	0.0498807	2.12594	2.12594	0.593696	0.833945	-1.19982	0.6875661	0.872561	1.14605	0.76188	12.0975	1.60095	1
cg16744802	MIR2A1	0.0392208	0.175442	1.45828	1.45828	0.0936247	0.936247	-1.06809	0.0602452	0.533429	-1.87233	0.779007	0.92707	-1.07867	0.668353	0.571154	-1.75084	0.67305	1.11754	1.11754	0.0764936	1.63412	1.63412	0.954222	0.992259	-1.00777	0.9334921	0.771378	-1.29626	3.70984	4.02821	0.96516	1
cg15157288	MIR221;MIR222	0.00359749	0.0174474	0.3943174	-2.53507	0.0402755	0.3464816	-2.14217	0.0458227	0.49003	-2.04193	0.0004	0.2	-5.00000	0.0004	0.2	-5.00000	0.459728	0.785039	-1.27382	0.5073481	1.24143	1.24143	0.000747061	0.509985	1.96074	0.0048234	0.3005115	1.12762	4.63583	12.2733	1.65318	1
cg12879539	MIR222	0.00038166	9.72E-05	0.229912	-4.34949	0.0209516	0.421579	-2.37204	0.0059026	0.465693	-2.14734	0.0124899	0.517173	-3.93559	0.0001104	0.249239	-4.01222	0.013069	0.503380	-1.92164	0.889491	1.02981	1.02981	0.000134282	0.245712	-4.06981	0.0156383	0.533247	1.87953	15.3579	10.9618	0.633709	1
cg25675072	MIR222	0.0274676	0.520031	0.8986	-1.11268	0.0944817	0.354268	-1.82417	0.0001	0.0001	-3.25777	0.13678	0.0001	-4.61513	0.0001	0.0001	-4.91331	0.27062	0.729979	-1.37035	0.0001	0.0001	-8.28465	0.0001	0.0001	0.0001	0.0001	0.0001	-8.28465	0.0001	0.0001	0.0001	-8.28465	1
cg19127840	MIR223	0.00499794	0.00645207	0.102482	-9.75782	0.00123345	0.0479144	-20.8706	0.0532544	0.243587	-4.10531	0.0279201	0.188119	-5.31579	0.00234698	0.0651762	15.343	0.242231	0.455135	-2.19715	0.8376991	0.8764148	-1.14101	0.00261923	0.0685754	-14.5825	0.0103968	0.125521	-7.96677	7.33952	48.0811	5.8231	1
cg12548693	MIR223	0.00938215	0.0282521	0.128137	-7.80412	0.00419819	0.0970858	-10.302	0.0824331	0.310374	-3.22192	0.198106	0.437252	-5.22801	0.0828014	0.310902	-3.21545	0.049975	0.2336007	-4.28007	0.1329421	0.3910046	0.6250485	-1.60004	0.0520485	-19.2128	0.0053942	0.1025	-9.75602	0.0053942	0.1025	-9.75602	1
cg06701195	MIR223	0.0267235	0.0115201	0.0823389	-12.1449	0.0117028	0.0830043	-12.0476	0.0836455	0.220294	-4.53939	0.371272	0.48414	-2.06552	0.0188104	0.105521	-9.47676	0.862405	1.0469	1.0469	0.0261809	0.124391	-8.03091	0.0144404	0.155972	-6.41141	0.0139134	0.0906512	-11.0313	4.257	42.0919	8.78906	1
cg13716094	MIR223	0.0457516	0.0307582	0.12828	-7.79545	0.046822	0.18667	-5.35704	0.119801	0.255217	-3.91823	0.285624	0.407554	-2.45366	0.0166477	0.140127	-7.13636	0.353961	2.16382	2.16382	0.0206397	0.104759	-9.54571	0.0753698	0.201422	-4.9647	0.0162501	0.0926594	-10.7922	5.5017	36.3508	9.2222	1
cg20555778	MIR223	0.0148792	0.710152	0.9466	-1.05635	0.0001	0.0001	-3.24421	0.0016178	0.1021	-3.10218	0.60296	1.1041	-1.54642	0.0001	0.0001	-4.07245	0.119634	0.570863	1.75173	0.0126496	0.2744967	-3.64267	0.0074264	0.150115	-6.66351	0.0059426	0.107775	-9.28161	0.0159435	0.159429	-6.27253	0.0819932	1
cg11429044	MIR23A;MIR27A;MIR24-2	0.00076507	0.0106426	0.572502	-1.74672	0.040526	0.67232	-1.48739	0.00329086	0.365202	-2.73821	0.0892517	0.722213	-1.38463	0.000205061	0.339468	-2.94579	0.124929	0.749417	-1.33437	6.57E-05	0.280343	-3.56706	0.884836	0.975145	-1.02549	0.107078	0.736758	-1.3573	13.1359	6.27454	0.424589	1
cg22168620	MIR24-1;Clorf3	0.0188159	0.2241411	0.7511	-1.33128	0.0776576	0.3749001	-2.67014	0.0001	0.0001	-3.73221	0.0001	0.0001	-4.22711	0.0001	0.0001	-4.44643	0.0001	0.0001	0.0001	0.0001	0.0001	-8.03512	0.0001	0.0001	0.0001	0.0001	0.0001	-8.03512	0.0001	0.0001	0.0001	-8.03512	1
cg05028779	MIR24-2	0.00391592	0.022618	0.490018	-2.04074	0.0182537	0.472983	-2.11424	0.000642282	0.254391	-3.93095	0.0126222	0.444712	-2.24865	0.00306046	0.346519	-2.88585	0.014463	0.455	-2.1978	0.00120228	0.289502	-3.45421	0.413352	0.803703	-1.24424	0.0641089	0.580608	-1.72233	7.90291	5.56442	0.961268	1
cg16572540	MIR24-2	0.0144473	0.346235	0.853213	-1.17161	0.706536	0.940108	-1.06371	0.00222445	0.496779	-2.01297	0.031275	0.66194	-1.51071	0.00130138	0.468117	-2.13598	0.235441	0.816253	-1.22511	0.0325269	0.664578	-1.50472	0.732131	1.05771	1.05771	0.412164	0.872047	-1.14673	12.4531	2.21481	0.37533	1
cg08528170	MIR24A;MIR23A;MIR27A	0.0151648	0.0733232	0.4143232	-2.41383	0.0080204	0.2534307	-3.9202	0.0063739	0.253785	-3.94122	0.0012766	0.165355	-7.63678	0.0117789	0.434428	-2.30148	0.122311	0.6015936	0.4944232	0.0019194	0.1833178	-5.45492	0.0019194	0.1833178	-5.45492	0.0019194	0.1833178

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(1-vs-477 vs. N)	p-value(353T vs. N)	p-value(353T vs. 537 vs. N)	Fold-Change(1-vs-537 vs. N)	p-value(537T vs. N)	p-value(537T vs. 377 vs. N)	Fold-Change(1-vs-377 vs. N)	p-value(563T vs. N)	p-value(563T vs. 637 vs. N)	Fold-Change(1-vs-637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg01474426	MIR1748;NCRNA0181&2;MIR421	0.00194774	0.224498	1.707382	-1.3567	1.01117833	0.4714	-2.12134	0.0104611	0.462277	-2.1609	1.04115068	0.570058	-1.77543	4.55E-05	0.158292	0.157343	0.0576519	0.158419	-1.67107	0.187881	0.716304	-1.39606	0.1173111	1.50228	0.157148	0.177148	0.709668	-1.40911	9.71653	8.79673	0.804743	1
cg26394220	MIR375;CCDC108	0.00665462	0.397559	0.766946	-1.30387	0.587402	1.18272	1.18272	0.903358	0.963476	-1.03791	0.946634	0.743144	-1.34563	0.878216	1.04809	1.04809	0.160914	1.58204	1.58204	0.0595422	0.521314	-1.91823	0.000137614	7.53313	7.53313	0.865355	0.949343	-1.05336	6.720113	9.98643	1.32093	1
cg01822124	MIR375;CCDC108	0.0246845	0.489443	0.683846	-1.46232	0.00747151	6.45002	6.45002	0.0286901	0.247402	-4.04201	0.0506875	0.299663	-3.33708	0.213325	2.03253	2.03253	0.171503	0.454795	-2.19879	0.953264	1.03223	1.03223	0.0420709	3.55273	3.55273	0.932503	1.04692	1.04692	4.37651	20.3042	4.12389	1
cg09836347	MIR376A1;MIR300 MIR376B;MIR376A2;MIR654;MIR300;	0.00635527	0.463175	1.24339	1.24339	0.000525353	0.15036	-6.65060	0.0388797	0.497799	-2.00892	0.87901	0.956353	-1.04544	0.903561	1.0146	1.0146	0.956172	1.01616	1.01616	0.112345	1.65581	1.65581	0.0664568	0.548529	-1.8229	0.865734	1.05061	1.05061	6.8168	9.18784	1.19806	1
cg14144334	MIR376A1	7.91E-06	0.0100091	0.709355	-1.40973	0.00028823	1.86788	1.86788	0.27454	1.12757	1.12757	0.0533332	1.26088	1.26088	0.0492309	0.788942	-1.26752	3.23E-06	0.312279	-3.20226	9.05E-07	0.252911	-3.95396	0.0248865	0.75431	-1.32571	0.00715048	0.692931	-1.44334	43.1047	7.61432	0.15702	1
cg04585937	MIR378;MIR654;MIR300;MIR376A1	0.0298133	0.21049	0.761949	-1.31242	0.00571822	0.473986	-2.10977	0.00216735	0.412003	-2.42717	0.509353	0.871172	-1.14788	0.591008	0.894247	-1.11826	0.391194	1.19843	1.19843	0.442363	0.850957	-1.17515	0.0676747	0.655898	-1.52463	0.167796	0.738669	-1.35379	4.0959	2.75394	0.597659	1
cg05138957	MIR377	3.88E-05	0.5.00E-05	0.299737	-4.97124	0.01718351	0.5798672	-1.7452	0.00566544	0.505987	-1.97634	0.0020466	0.442381	-2.2467	4.79E-05	0.237639	-4.20706	0.0003444	0.337558	-2.96245	1.23E-06	0.1264	-7.9114	0.00193731	0.419051	-2.39217	0.284574	-3.57617	28.4655	15.881	0.495915	1
cg17221554	MIR377	0.0129169	0.257453	0.748483	1.33604	0.3017771	0.76931	-1.29987	0.0447443	0.56847	-1.75911	0.0554242	0.587298	0.70271	0.357271	1.26123	1.26123	0.0020294	0.344122	-2.90594	0.0414409	0.561805	-1.77998	0.187019	0.709749	-1.40895	0.0298996	0.534565	-1.87068	4.12684	3.92769	0.845994	1
cg14440205	MIR379	0.00017109	0.468871	0.874509	-1.1435	0.00276676	2.11922	2.11922	0.000287688	0.340685	-2.93526	0.0700427	0.691732	-1.44565	0.00959906	1.81599	1.81599	0.349779	1.1914	1.1914	1.35E-05	0.190618	-5.24608	0.719463	0.936478	-1.06783	0.00136969	0.425512	-2.32822	21.2235	11.1291	0.466113	1
cg14866339	MIR379	0.0039466	0.682168	0.899447	-1.1243	0.00462571	1.43389	-1.43389	0.0202504	0.166027	-6.02312	0.0018812	0.272448	-3.6871	0.005818	1.02945	1.02945	0.251992	1.21995	1.21995	0.0040927	0.333348	-2.99879	0.12859	0.626661	-1.59576	0.88312	10.1078	1.33974	1
cg20562547	MIR379	0.0041903	0.761081	1.0736	1.0736	0.000130345	0.21286	-4.69793	0.0223248	0.626754	-1.56782	0.2218	0.692271	0.650499	-1.53728	0.2722248	0.626754	-1.59552	0.0196416	0.360422	-2.77452	0.0560764	0.604187	-1.65512	0.343353	0.796674	-1.25522	0.581398	0.878385	-1.13845	7.34308	6.64966	0.763366	1
cg18892668	MIR379	0.0136429	0.0156477	0.482114	-2.13364	0.169833	1.51917	1.51917	0.0199765	0.467705	-2.14239	0.0175369	0.437502	-2.28573	0.0413764	0.510205	-1.95976	0.6523739	1.13646	1.13646	0.0918003	0.738257	-2.57561	0.47527	1.23076	1.23076	0.0193708	0.445463	-2.24486	5.34504	6.932359	1.1514	1
cg00175487	MIR380;MIR299	0.0182733	0.4955	0.764773	-1.30758	0.07927	1.17481	1.17481	0.0196927	0.183641	-5.4454	0.756883	0.886629	-1.12787	0.254868	1.08511	1.08511	0.581919	1.24045	1.24045	0.00437387	0.228791	-4.37079	0.5364	0.784587	-1.27456	0.0340471	0.383486	-2.60807	4.85046	11.5346	2.11181	1
cg25047306	MIR484 MIR409;MIR410;MIR412;MIR369;MIR5	0.00837627	0.00195418	0.0972453	-10.2833	0.48321	1.4607	1.4607	0.868031	0.915368	-1.09246	0.0118006	0.187851	-5.32337	0.118209	0.405756	-2.46453	0.0580132	0.320008	-3.12492	0.54818	1.38142	0.420737	1.54866	1.54866	0.00168971	0.0920085	-10.8686	6.25291	28.0021	3.98067	1
cg23270924	56	0.0386023	0.8194096	1.03895	1.03895	0.030084	0.652788	-1.53189	0.802561	1.04278	1.04278	0.0890862	0.730891	-1.36819	0.98737	1.00265	1.00265	0.258397	0.821061	-1.21794	0.00295603	1.97823	1.97823	0.634332	1.08341	1.08341	0.927365	0.984872	-1.01536	3.73159	1.65195	0.393505	1
cg09839642	MIR410;MIR412;MIR369;MIR656	0.0276287	0.0557686	1.53844	1.53844	0.0150335	1.61479	1.61479	0.271313	0.86094	-1.24262	0.115679	1.38902	1.38902	0.138334	1.15346	1.15346	0.10642	1.19711	1.19711	0.00290317	2.43402	2.43402	0.380896	1.23687	1.23687	0.380501	1.18605	1.18605	4.20751	2.90744	0.50649	1
cg02582514	MIR410;MIR656	0.0124076	0.677344	0.925944	-1.07998	0.00145471	2.32816	2.32816	0.0625741	1.46975	1.46975	0.100084	1.39249	1.39249	0.787075	1.05101	1.05101	0.998033	0.999547	-1.00045	0.00439973	2.01113	2.01113	0.00886807	1.84424	1.84424	0.741078	0.940888	-1.06283	5.51333	2.94839	0.475356	1
cg02691745	MIR411	0.0416208	0.0162628	0.26422	-3.78473	0.283152	1.65711	1.65711	0.0248948	0.298467	-3.35046	0.354212	1.53988	1.53988	0.2724	1.6777	1.6777	0.504754	1.35875	1.35875	0.0814312	2.39836	2.39836	0.995325	0.99735	-1.00266	0.0621385	0.386292	-2.58871	3.6295	11.7922	2.888	1
cg18440069	MIR411;MIR379	0.00344595	0.00145532	0.357615	-2.7963	0.0703251	1.75736	1.75736	0.0607996	0.623353	-1.60421	0.4017193	0.825377	-1.21147	0.146001	1.47455	1.47455	0.846454	1.03299	1.03299	0.0354247	2.26782	2.26782	0.930504	1.14899	1.14899	0.00945477	0.479307	-2.08635	8.21195	6.503808	0.703916	1
cg13278105	MIR411;MIR379	0.0043546	0.108195	0.737451	-1.35602	0.024827	1.60808	1.60808	0.456483	0.876524	-1.14087	0.796046	1.04604	1.04604	0.0600364	1.43016	1.43016	0.152633	1.30502	1.30502	0.0210392	2.13399	2.13399	0.00583484	0.534028	-1.87256	0.00249425	0.48181	-2.07551	7.65149	3.65966	0.425149	1
cg20547131	MIR412;MIR409;MIR410;MIR369	0.0447502	0.842484	0.963386	-1.03802	0.931195	1.01652	1.01652	0.0644859	0.774354	-1.29129	0.0931436	0.913442	-1.09496	0.0744721	1.03013	1.03013	0.0934	1.14136	1.14136	0.00239364	2.30013	2.30013	0.213374	1.39388	1.36089	0.715889	1.0709	1.0709	1.68776	0.984421	1
cg07918453	MIR412;MIR410;MIR409;MIR369 MIR412;MIR410;MIR409;MIR369;MIR5	0.0302908	0.0521665	0.484438	-2.06425	0.00968107	0.341602	-2.92738	0.00502008	0.295819	-3.38045	0.0723732	0.517917	-1.93081	0.162997	0.613463	1.63009	0.00908204	0.336941	-2.96788	0.325732	0.716794	-1.3951	0.0531105	0.486211	-2.05672	0.127557	0.58236	-1.71715	4.07285	6.94551	1.51584	1
cg02180737	41 MIR412;MIR410;MIR409;MIR369;MIR5	0.00550031	0.108483	1.22655	1.22655	0.461687	0.916315	-1.09133	0.0605386	1.27995	1.27995	0.0180913	1.39771	1.39771	0.0291146	1.34975	1.34975	0.00774603	1.49019	1.49019	0.00020409	2.69629	2.69629	0.822934	1.02648	1.02648	0.738429	1.26162	1.26162	7.12743	1.53554	0.191503	1
cg21230021	41	0.0329493	0.139198	0.655718	-1.52505	0.346601	0.773368	-1.29305	0.588278	0.865088	-1.15595	0.515974	1.19082	1.19082	0.00280165	0.335511	-2.98053	0.883669	0.961597	-1.03994	0.166469	1.47875	1.47875	0.0681783	1.71865	1.71865	0.07171223	0.586732	-1.70436	3.95224	4.40107	0.989836	1
cg03050096	MIR412;MIR541;MIR409;MIR369	0.00176828	0.792722	0.968066	-1.03299	0.159897	1.20329	1.20329	0.170852	1.19287	1.19287	0.598082	0.936545	-1.06775	0.378961	0.894729	-1.11766	0.007417 62	1.52964	1.52964	3.74E-05	2.62543	2.62543	0.108082	1.48345	1.48345	0.769561	1.03686	1.03686	9.99317	2.40361	0.213801	1
cg07126399	MIR412;MIR541;MIR409;MIR369	0.0252471	0.9536661	1.00965	1.00965	0.127974	0.761866	-1.31257	0.683141	0.934419	-1.07018	0.768861	1.04991	1.04991	0.300713	0.837578	-1.19392	0.170055	1.61709	1.61709	0.00267887	1.9858	1.9858	0.096051	0.73927	-1.35269	0.708261	0.939763	-1.0641	4.34234	1.87873	0.38458	1
cg08785056	MIR423;CCDC53	0.0086522	0.0556121	0.519519	-1.92519	0.166324	1.54825	1.54825	0.0204704	0.645025	0.0003676	0.0003836	0.703769	0.37769	0.05123496	0.812332	-1.23102	0.945141	1.03805	1.03805	0.222543	1.44134	1.44134	0.0762146	1.96263	1.96263	0.024374	0.193089	-5.17896	5.74562	35.2373	4.28551	1
cg17369088	MIR423;CCDC53	0.022476	0.00169981	0.778877	0.128347	2.5349	0.13683	1.33683	0.128347	2.5498	2.5498	0.222968	2.47688	2.47688	0.275648	0.285663	1.88034	1.88034	1.88834	1.88834	0.384722	1.66113	1.66113	0.438007	0.637317	-1.56908	0.634263	0.761159	-1.31379	4.52058	23.2163	4.56506	1
cg07739224	MIR424;MIR503;MIR13 MIR425;DALRD3;NDUFAF3;NDUFAF3;N	0.00386286	0.0185801	0.2235615	-4.47305	0.0077702	0.19272	-5.18887	0.352653	0.833792	-1.57781	0.0719546	0.383746	-2.60656	0.0600818	0.563744	-1.77421	0.046923	0.180064	0.180064	-2.95808	0.0001994	0.0001994	-5.01442	0.0379498	-26.3506	0.0011393	0.2190625	-4.56706	0.0442881	-2.91646	28.5735	3.20067	1
cg07109801	DUFAF3;NDUFAF3	0.0439573	0.528406	0.859823	-1.16307	0.0795655	0.885408	-1.12942	0.853701	0.775972	-1.28871	0.814213	0.974691	-1.02597	0.914912	0.90669	-1.10107	0.0665722	1.79832	1.79832	0.172085	1.66122	1.66122	0.113237	0.0107564	2.49565	2.49565	0.0145749	0.624441	-2.35382	3.5374	4.55936	1.1409	1
cg26255560	MIR431	0.0043579	0.3417461	0.85088	0.00053766	0.2445	0.24369	0.24369	0.083071	0.947953	-1.13375	0.427123	0.854402	-1.1294	0.813115	0.93558	1.03558	1.0064592	1.40818	1.40808	0.0120585	1.61577	1.61577	0.915771	-1.09554	0.0902568	0.755483	-1.32366	7.56361	1.37936	0.317108	1
cg01971130	MIR431	0.0304081	0.3688961	0.793839	-1.2597	0.0304553	1.88945	1.88945	0.00133413	3.21204	3.21204	0.71796	0.913254	-1.09499	0.907773	0.971424	-1.02942	0.463345	0.829657	-1.20532	0.599801	1.14162	1.14162	0.414315	0.811587	-1.23215	0.336908	0.780601	-1.28106	4.06726	4.03155	0.883086	1
cg01205335	MIR432;MIR127;RTL1	0.086	4.45E-07	2.222421	2.222421	0.0004759	1.32422	1.76222	0.0126706	1.31016	1.31016	0.0180649	0.902182	1.10856	0.0180649	0.902182	-1.10856	0.707853	1.14844	1.14844	0.2387	1.40467	1.40467	0.411997	0.0104446	2.51496	2.51496	0.0154917	0.630311	-1.58649	0.0158031	0.156159	0.101572	1
cg06792448	MIR432;MIR136;RTL1	0.0110727	0.279882	1.36789	1.36789	0.0147803	1.30803	1.30803	0.900397	1.03554	1.03554	0.0336791	0.906107	1.09329	0.0336791	0.906107	-1.09329	0.005370 14	1.35974	1.35974	0.0147214	1.79093	1.79093	0.421017	0.0146085	2.1688	2.1688	0.468936	0.814254	-1.22812	5.72037	2.04595	1.09487	1
cg19603885	MIR432;MIR136;RTL1	0.016926	0.2026	1.23562	1.23562	0.1519351	0.785529	-1.27303	0.00560815	0.564422	-1.77173	0.357021	1.16066	1.16066	0.759139	0.952782	-1.04956	0.30438	0.845951	-1.1821	0.138808	1.2848	1.2848	0.00395136	0.543506	-1.83991	0.0485377	0.701577	-1.42536	4.97674	1.94973	0.348239	1
cg27207198	MIR432;MIR136;RTL1	0.0144227	0.3683893	0.8127	0.00053707	0.2378	0.20798	0.20798	0.0127	0.7539	-1.32626	0.2911	0.714241	0.570946	0.885894	0.99442	-1.00562	0.994	1.07241	1.07241	0.570946	1.85894	1.85894	0.554351	1.43853	1.43853	0.0442	0.227381	0.0942	1.77281	0.299841	0.630175	1
cg05371620	MIR432;MIR136;RTL1	0.0423532	0.403776	1.1862	1.1862	0.64271	0.109787	0.109787	0.0106226	1.90053	1.90053	0.318327	0.813716	-1.22893	0.0536273	0.64531	-1.54964	0.136207	0.725496	-1.37837	0.0205531	1.74657	1.74657	0.691861	1.08287	1.08287	0.713493	0.928945	-1.07696	3.61003	2.28148	0.562374	1
cg02135795	MIR433;MIR127;RTL1 MIR499;MIR494;CDC20B;CDC20B;C	0.0432452	0.083494	0.7778703	-1.28562	0.1.7.E-07	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1
cg00978822	DC20B	0.0068618	0.0081926	0.114283	-8.75024	0.0384538	0.214902	-4.65329	0.0291997	0.192521	-5.19424	0.0891156	0.300561	-3.37202	0.0104222	0.126459	-7.90769	0.0243397	0.178952	-5.58811	0.000503876	0.031464	-31.7823	0.0614122	0.101042	-9.8969	0.0346634	0.200187	-4.84596	6.65632	43.336	5.78711	1
cg01988325	DC20B	0.0086493	0.144878	-6.90234	0.00394066	0.106722	-9.37015	0.0109195	0.158205	-6.3209	0.144677	0.404881	-2.46986	0.00343087	0.100942	-9.90665	0.00884165	0.146095	-6.84486	0.00820176	0.141979	-7.04311	0.0721918	0.314082	-3.18388	0.157128	0.417598	-2.39465	5.97045	31.4959	4.68915	1
cg07707227	MIR449C;CDC20B;CDC20B;CDC20B	0.0013139	0.618707	1.03414	1.03414	0.0485329	1.5273	1.5273	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1
cg19282572	MIR449C;CDC20B;CDC20B;CDC20B	0.005444	0.821177	0.970264	-1.03065	0.738673	0.956339	-1.04565	0.475369	0.907754	-1.10162	0.858968	0.976564	-1.024	0.29609	1.15542	1.15542	0.836005	1.02802	1.02802	0.0210434	0.690706	-1.44779	0.00166305	2.34842	2.34842	0.0396784	1.37323	1.37323	7.14998	2.01324	0.250288	1
cg19791341	MIR450A1;MIR450B MIR450A1;MIR450B;MIR542;MIR450A	0.000559263	0.0142395	1.75531	1.75531	0.093234	0.709207	-1.41003	0.000758498	0.386786	-2.58541	0.122547	1.36531	1.36531	0.00035658	0.34423	-2.90504	0.000350277	0.343246	-2.91336	0.249795	1.25084	1.25084	0.11825	0.729338	-1.37111	0.00933228	0.541397	-1.84707	13.8526	7.59733	0.487503	1
cg24923927	2	0.0108406	0.260883	1.28865	1.28865	0.0907064	1.49642	1.49642	0.00995575	0.494617	-2.02176	0.90797	1.02532	1.02532	0.000841647	0.337551	-2.96251	0.67852	0.913801	-1.09433	0.113737	1.44459	1.44459	0.46898	1.17273	1.17273	0.875442	1.03451	1.03451	5.65353	4.2665	0.658464	1
cg08805692	MIR451	0.0107672	0.98158	0.990013	-1.01007	0.9507384	1.04657	-1.04657	0.645584	0.904296	-1.10546	0.646407	-1.54682	-2.19927	0.113949	0.626407	-1.59702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1
cg19196414	MIR451;MIR144	1.23E-05	1.38E-06	0.25447	-3.92973	0.00163349	0.605925	-1.65037	0.350505	0.898796	-1.1126	0.679328	0.954893	-1.04724	0.70553	0.958725	-1.04305	6.09E-06	0.324644	-3.0803	0.000183758	2.01765	2.01765	0.117563	0.820404	-1.20772	0.00228183	0.622693	-1.60593	38.4416	7.50625	0.173568	1
cg02315626	MIR451;MIR144	5.26E-05	1.92E-05	0.244332	-4.09279	0.60639	0.91912	-1.088	0.134065	0.769861	-1.29894	0.988074	0.99778	-1.00222	2.09E-06	0.150522	-6.64555	0.677783	1.07014	1.07014	0.00227256	3.03855	3.03855	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	0.0.1.E-06	1
cg16670446	MIR451;MIR144	0.00335155	0.159143	1.63847	1.63847	0.00287698	0.81919	1.83919	0.531228	1.23136	1.23136	0.163481	1.62905	1.62905	0.000495886	0.167157	5.98224	0.0953508	0.548121	-1.82441	0.121734	0.576682	-1.73406	0.106326	1.78366	1.78366	0.150205	0.602842	1.65881	2.88039	14.205	3.51581	1
cg12682571	MIR451;MIR144	0.0042407	0.0436963	0.664501	-1.50489	0.140184	1.32279	1.32279	0.322485	0.835149	-1.19739	0.239657	0.804903	-1.24239	0.000125925	0.30822	-3.24444	0.00465595	0.515114	-1.94132	0.852129	0.967643	-1.03344	0.837937	1.03676	1.03676	0.468729	0.878147	-1.13876	7.71518	3.79651	0.437407	1
cg08204050	MIR451;MIR144	0.0129453	0.0527975	0.523	-1.91123	0.0685386	0.495994	-2.01656	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1
cg09030392	MIR451;MIR144	0.0182324	0.776704	0.933695	-1.07101	0.327011	1.27652	1.27652	0.00335107	0.381704	-2.61983	0.19281	1.39451	1.39451	0.589383	1.1405	1.1405	0.762378	1.07591	1.07591	0.264548	1.32388	1.32388	0.205306	0.724402	-1.38045	0.0271182	0.531982	-1.87976	3.74477	3.45247	0.819507	1
cg04561503	MIR451;MIR144	0.546-06	0.543008	0.8663	0.00053766	0.2445	0.24369	0.24369	0.083071	0.947953	-1.13375	0.427123	0.854402	-1.1294	0.813115	0.93558	1.03558	1.0064592	1.40818	1.40808	0.0120585	1.61577	1.61577	0.915771	-1.09554	0.0902568	0.755483	-1.32366	7.56361	1.37936	0.317108	1
cg09291331	MIR453;MIR485	0.0252394	0.763283	1.10886	1.10886	0.09900484	0.32109	-3.1144	0.0112593	0.337518	-2.96281	0.0924533	0.530741	-1.88416	0.0135011	0.351331	-2.84632	0.3115519	0.698949	-1.43072	0.766852	0.903287	-1.10707	0.0218562	0.39015	-2.56311	0.0165733	0.367452	-2.72144	4.34281	3.84926	1.64753	1
cg14431528	MIR453;MIR485;MIR668	9.94E-05	0.000305908	0.438869	-2.27859	0.00223695	2.36918	2.36918	0.174704	1.22476	1.22476	0.00625726	1.64932	1.64932	0.482117	1.10554	1.10554	1.67E-05	0.46572	-2.14672	0.0996501	1.28877	1.28877	0.418701	0.890429	-1.12305	0.0174551	0.66605	-1.50139	22.12756	6.92759	0.277686	1
cg21103170	MIR453;MIR485;MIR668	0.00206109	0.509976	0.8663	0.00273784	0.44337	0.24357	0.24357	0.0175123	0.82033	0.82033	0.107764	0.898496	1.12757	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1
cg24183187	MIR483;HS-IGF2/IGF2;IGF2	1.71E-07	0.00310145	0.709888	-1.40867	0.00436811	1.38044	1.38044	7.43E-05	0.543618	-1.83953	0.0775401	0.846925	-1.18074	5.71E-05	0.531249	-1.88236	1.77E-08	0.161298	-6.19972	1.27E-05	2.17609	2.17609	1.86E-05	0.477809	-2.09289	1.45E-07	2.47483	-4.04067	134.885	13.047	0.100948	1
cg23930993	MIR483;HS-IGF2/IGF2;IGF2	0.00240755	0.776835	0.94648	0.00193507	0.3847	0.78747	0.78747	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1.82702	0.0.1.E-06	1.82702	1
cg02080220	MIR483;HS-IGF2/IGF2;IGF2	0.00464759	0.0710726	0.668233	-1.43219	0.584148	0.906228	-1.10347	0.290486	0.822614	-1.21564	0.695125	0.932469	-1.07242	0.00282933	0.48073	-2.08017	0.00574851	0.524743	-1.90569	0.117422	1.35383	1.35383	0.4156	0.248829	-4.01882	0.00012109	0.302354	1.56158	7.33178	0.446757	1
cg01668279	MIR483;HS-IGF2/IGF2;IGF2	0.00301567	0.845109	1.03228	1.03228	0.000645854	0.427308	-2.34023	0.0661669	0.715488	-1.39765	0.826304	1.03635	1.03635	0.844826	0.968697	-1.03234	0.0319193	0.664712	-1.50441	0.164913

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg23073467	MIR516A2;MIR519A2	0.01634923	0.00800961	2.252613	-3.95861	0.0141161	2.093313	-3.40933	0.0173698	3.009468	-3.22136	0.0316798	3.060638	-2.77287	0.00345771	2.100406	-4.98988	0.0557984	0.41586	-2.40466	0.0117552	0.279638	-3.57606	0.0864033	0.464401	-2.15331	0.126295	0.511843	1.05373	0.03538	13.075	2.30811
cg04329460	MIR516B1	0.00885502	0.00230612	11.1286	-8.86051	0.118884	2.420153	-2.38009	0.00418726	0.1401	-7.13774	0.770028	1.16203	1.16203	0.0933693	2.802561	-1.24601	0.852185	0.908866	-1.10027	0.0313675	0.0925896	-10.8004	0.117177	0.418175	-2.39135	0.0330425	0.278899	-3.58552	6.145	25.5416	3.69465
cg01525560	MIR516B1	0.01049667	0.453342	1.24333	1.24333	0.0707095	0.562251	-1.77856	0.0446174	0.518193	-1.92978	0.000548243	0.216417	-4.62072	0.17503	1.50869	1.50869	0.14726	1.558	1.558	0.178851	1.50257	1.50257	0.471245	0.811435	-1.23238	0.644437	0.875905	-1.14168	5.819553	7.49225	1.14439	1
cg06973593	MIR516B1	0.01229545	0.0390674	0.310027	-3.22552	0.118713	0.434447	-2.3016	0.0134345	0.212634	-4.51214	0.188745	0.30306	-1.98468	0.00185154	0.113566	-8.80531	0.1900337	0.504983	-1.98026	0.0012524	0.0958001	-10.174	0.222025	0.531637	-1.88098	0.0547311	0.342115	-2.92299	5.48656	21.0568	3.41146	1
cg04370182	MIR516B2	3.17E-05	7.48E-06	0.131548	-7.60179	2.30E-06	0.0933146	-10.7164	0.000992915	0.365467	-2.73622	0.296201	0.80021	-1.24967	0.000289733	0.296289	3.37508	0.366768	0.826307	-1.2102	0.793155	1.05556	0.64557	0.909209	-1.09986	0.00123643	0.378431	2.64249	30.0292	20.1373	0.596081	1
cg13924954	MIR516B2	0.01155225	0.530257	0.632709	-1.5805	0.200958	0.377993	-2.64555	0.0112843	0.103791	-9.82408	0.0860556	0.252318	-3.91822	0.000651081	0.0231986	-43.106	0.0527129	0.204834	-4.882	0.0635796	0.222753	-4.48927	0.00404383	0.0620681	-16.1113	0.133123	0.311437	-3.21092	5.64254	46.3229	7.2974	1
cg12280326	MIR516B2	0.0225357	0.212814	0.384204	-2.60278	0.00571338	0.0712167	-14.0416	0.0311946	0.158292	-6.31743	0.0593038	0.211788	-4.72169	0.00127857	0.0325776	-30.6959	0.2111192	0.382762	-2.61259	0.47342	0.587673	-1.70163	0.0852848	0.249836	-4.00263	0.149926	0.324551	-3.08118	4.51646	38.0182	7.4824	1
cg27664418	MIR517A	0.001550214	0.00140173	0.512231	-1.95405	0.0198453	0.444808	-2.24816	0.1455	0.266771	-3.74854	0.00655013	0.465301	-2.14914	0.02018	0.985424	-1.01479	0.0806496	0.752819	-1.32834	0.0184429	0.53025	0.17061	1.25994	1.23594	0.00501509	0.580506	-1.21264	19.8493	6.74619	0.302108	1
cg22457503	MIR517B;MIR520D	0.02088565	0.0195039	0.2376	-4.20876	0.0363523	0.289798	-3.45068	0.0147459	0.749242	-1.33468	0.037515	0.632376	0.204179	-4.89766	0.0196067	0.376357	0.0147614	0.220606	-4.53655	0.00275309	0.122098	-8.19016	0.0479637	0.316352	-3.16104	0.192794	0.495769	-2.01707	4.63787	19.0341	3.64806	1
cg09339453	MIR517B;MIR520G	0.00026752	0.000355163	0.336534	-2.97147	0.000164122	0.295085	-3.38886	0.00701666	0.515734	-1.93898	0.00298517	0.461333	-2.16763	4.98E-05	0.235483	-4.24659	0.000191614	0.303227	-3.29786	0.00202412	0.437437	-2.28605	0.0274997	0.609477	-1.64075	0.0688082	0.679238	-1.47224	17.0042	9.73183	0.507786	1
cg19483619	MIR517C	0.007183	0.0075143	0.509534	-1.96305	0.0886529	0.497487	-2.01098	0.18423	0.552466	-1.81098	0.0615998	0.550359	-1.81744	0.0119756	0.742797	-1.34599	0.0178339	0.148182	6.74811	0.0015465	0.139566	7.16256	0.984072	0.990539	-1.00448	0.145349	0.704545	-1.41956	15.0394	11.9478	0.794162	1
cg10774367	MIR517C	0.0110448	0.592081	0.936997	-1.06724	0.196482	0.848476	-1.17858	0.0100568	0.676492	-1.47821	0.0109387	0.58919	-1.69725	0.217972	0.855629	-1.16873	0.10662	0.808988	-1.23611	0.0313974	1.12797	1.12797	0.101725	0.584729	-1.71019	0.074089	0.787038	-1.27059	5.72502	1.3125	0.203784	1
cg08036631	MIR517C;MIR520H	1.94E-05	3E-06	0.0863	-11.554	0.00250047	0.018586	-1.6375	5.13E-05	0.415128	-2.42997	2.26E-07	0.56073	-2.22161	0.00241933	0.462373	-2.16109	0.9436308	1.01239	1.01239	0.0847435	1.39947	1.39947	0.149004	0.763911	-1.30905	0.565187	0.90376	-1.10649	6.40462	3.07245	0.426422	1
cg18436714	MIR517C;MIR520H	0.016122	0.00717668	0.551025	-1.8148	0.15411	0.76937	-1.29948	0.00350879	0.506684	-1.97362	0.0786395	0.715068	-1.39847	0.116192	0.745916	-1.34063	0.37861	0.856326	-1.16778	0.0782457	1.39922	1.39922	0.0126435	0.587266	-1.70281	0.25424	0.815122	-1.22681	0.508519	2.36185	0.415053	1
cg19677720	MIR518A1	0.0244844	0.936867	0.964938	-1.0368	0.0203142	0.260643	-3.83656	0.0147966	0.760994	-1.31407	0.0100709	0.358168	-2.79199	0.0153567	0.974681	-1.02597	0.0644429	1.1527	1.1527	0.0150755	0.991999	-1.00853	0.0836557	0.693753	-1.66663	0.385477	0.754804	-1.32485	4.97653	0.96199	0.140722	1
cg19756622	MIR518A1;MIR518E	0.000528494	1.21E-05	0.0718067	-13.9263	0.974131	0.990805	-1.00928	0.0184377	0.442888	-2.2579	0.00697939	0.370052	-2.70232	0.31491	0.753294	-1.3275	0.0019909	0.288313	-3.46845	0.249936	1.4085	1.4085	0.0178032	0.440094	-2.27224	0.999254	1.00027	1.00027	14.0723	18.0882	1.14256	1
cg15186488	MIR518A2	4.48E-06	6.94E-05	0.229019	-4.36923	0.0441	0.504164	-1.98347	0.0144	0.22647	-4.41	0.0227	0.52014	-1.92281	0.0156141	0.225232	-4.44	0.0006483	0.34709	-2.8811	5.19E-06	0.125326	-8.11293	0.0164623	0.552737	-1.80918	0.0266878	0.587902	-1.70096	49.9381	32.3643	0.576078	1
cg04305586	MIR518A2	5.81E-06	2.33E-07	0.0810666	-12.3355	0.0507862	0.143934	-6.94753	1.43393	4.93E-05	0.2808445	-3.64825	0.304607	0.665385	-1.5097	0.0017545	0.556069	-1.79834	1.18E-05	0.222701	-4.4934	0.138295	1.29492	1.29492	0.0001796	0.358004	-2.79326	0.00299381	0.517157	-1.93365	46.6976	10.4	0.36928	1
cg02336334	MIR518A2	0.000555927	0.000160721	0.0706699	-14.1503	0.0206775	0.318105	-3.14362	0.00246173	0.177078	-5.64722	0.121343	0.501356	-1.99459	0.000360769	0.0952105	-10.503	0.00166812	0.158016	-6.32847	0.000224258	0.0801458	-12.4773	0.00126896	0.144702	-6.91074	0.0678986	0.431459	-2.31772	13.8757	37.1349	2.3789	1
cg15993786	MIR518B	3.44E-05	1.62E-05	0.0573645	-17.4359	0.0178432	0.548434	-1.8238	0.00231975	0.245894	-4.06679	0.0078064	0.327379	-3.05727	1.01E-06	0.0400906	-24.9689	0.0003159	0.122444	-8.23428	5.58E-06	0.0183551	-54.4827	0.00127	0.0962533	-10.3962	0.0266859	0.511116	-1.9565	23.3762	49.6871	1.50347	1
cg11251554	MIR518B	0.01023669	0.0167018	0.259046	-3.86032	0.00127819	0.114001	-8.77184	0.0221728	0.281441	-3.55335	0.324038	0.624451	-1.60141	0.0127123	0.238932	-4.18529	0.0725165	0.19805	-5.04955	0.00136	0.0129451	-77.2495	0.0184466	0.0961756	-10.4064	0.0268056	0.117517	-8.51065	46.6979	10.4	0.369228	1
cg22725901	MIR518C	1.54E-05	2.83E-06	0.0208483	-11.5154	0.0205047	0.018586	-1.6375	5.13E-05	0.415128	-2.42997	2.26E-07	0.56073	-2.22161	0.00241933	0.462373	-2.16109	0.0116127	0.135754	-7.36627	0.00130518	0.140873	-7.09857	0.923717	0.0409	1.04091	0.0449855	0.381648	2.62021	9.4481	26.2306	2.46781	1
cg15663606	MIR518C	0.00214412	0.000183	0.0729246	-5.49502	0.0222838	0.0170	-5.88235	0.0155	0.2	-5	0.0155	0.2	-5	0.0155	0.2	-5	0.0144994	0.330204	-3.02843	0.0441407	0.420179	-2.34132	0.0693518	0.473487	-2.11028	0.555124	0.802854	-1.24556	4.09535	8.77823	1.9053	1
cg26525429	MIR518C	0.00255622	0.00295628	0.222882	-4.48667	0.195319	0.665554	-1.50251	0.0135	0.3	-3.75	0.0135	0.3	-3.75	0.0135	0.3	-3.75	0.0003159	0.0029372	-34.0403	0.0012375	0.0044197	-226.263	0.0001	0.0001	-10000	0.0001	0.0001	-10000	46.6979	10.4	0.369228	1
cg26365429	MIR518C	7.44E-05	8.04E-05	0.0208483	-11.5154	0.0205047	0.018586	-1.6375	5.13E-05	0.415128	-2.42997	2.26E-07	0.56073	-2.22161	0.00241933	0.462373	-2.16109	0.0116127	0.135754	-7.36627	0.00130518	0.140873	-7.09857	0.923717	0.0409	1.04091	0.0449855	0.381648	2.62021	9.4481	26.2306	2.46781	1
cg10583119	MIR518D	0.0104751	0.00284028	0.12323	-8.1149	0.0473355	0.314673	-3.1779	0.0672656	0.351711	-2.84325	0.0605877	0.340243	-2.93908	0.00498743	0.150516	-6.64383	0.0121895	0.203591	-4.9118	0.00640012	0.164036	-6.09621	0.00617747	0.16206	-6.17057	0.150461	0.455958	-2.19318	5.82337	23.9472	3.65534	1
cg23402617	MIR518D	0.0340577	0.0146005	0.14851	-6.73355	0.0479593	0.494564	-2.02187	0.1182	0.336141	-2.8254	0.0220154	0.54227	-1.84327	0.0279601	0.591402	-1.6909	0.0190808	0.46191	-2.16492	0.0672325	0.14543	1.16992	1.16992	0.0127	0.0791145	0.0804454	-1.24256	4.09535	3.75647	0.854898	1
cg20467339	MIR518D	0.00447681	0.0845764	0.709808	-1.40883	0.658346	0.108234	-1.08324	0.0155525	0.585904	-1.70676	0.0426407	0.657475	-1.52097	0.0171126	0.736501	-1.35777	0.0589109	0.68162	-1.46709	0.0854049	1.39987	1.39987	0.151135	0.758507	-1.31838	0.0831548	0.708455	1.41152	3.53235	1.80607	0.454484	1
cg00109776	MIR518E	0.00316545	0.000378903	0.167741	-5.96157	0.617161	1.17169	1.17169	0.00222396	0.25999	-3.8463	0.610595	1.17522	1.17522	0.357296	0.747395	-1.33798	0.0010983	0.220186	-4.54162	0.736806	1.11187	1.11187	0.050222	0.495685	-2.01741	0.293169	0.709755	-1.40894	8.42264	13.1849	1.39148	1
cg21078546	MIR518E	0.00105546	0.520921	1.18231	1.18231	0.593601	0.312724	1.17204	0.0134	0.187156	-7.48	0.0134	0.187156	-7.48	0.0134	0.187156	-7.48	0.16043	0.54449	-1.8367	0.0134997	0.154497	1.84398	0.58009	0.797036	-1.25465	0.0062185	0.235597	-4.24453	5.80924	21.5185	3.71998	1
cg26768546	MIR518E	0.00229033	0.00600576	0.187004	-5.34747	0.702799	0.83609	-1.19604	0.0245305	0.286232	-3.49367	0.238753	1.77926	1.77926	0.0142012	0.165829	6.0303	0.775589	0.875052	-1.14279	0.317768	1.61971	1.61971	0.372585	0.652151	-1.53339	0.154548	0.490853	2.03727	4.49138	15.5126	3.07009	1
cg12019390	MIR518E	0.00145186	3.12E-05	0.0810666	-12.3355	0.0507862	0.143934	-6.94753	1.43393	4.93E-05	0.2808445	-3.64825	0.304607	0.665385	-1.5097	0.0017545	0.556069	-1.79834	0.0001	0.0168597	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg12395420	MIR518F	0.0002747	0.000234394	0.196838	-5.08031	0.0605734	0.569049	-1.75732	0.00371973	0.351988	-2.841	0.00947781	0.416487	-2.40103	5.66E-05	0.136338	7.33472	0.000325756	0.212703	-4.70138	9.06E-05	0.154927	-6.45464	0.330147	0.76509	-1.30704	0.0574577	0.564094	-1.77276	16.8512	18.9483	0.999508	1
cg23693380	MIR518F	0.00985998	0.00352989	0.487643	-2.05068	0.0845719	0.707242	-1.41394	0.0165513	0.587704	-1.70154	0.361463	0.835251	-1.1973	0.00102	0.0412505	-2.42421	0.1342209	0.745836	-1.34078	0.394488	1.17158	1.17158	0.109263	0.728557	-1.37258	0.0168242	0.588356	-1.69832	5.93732	3.1001	0.464122	1
cg25285186	MIR518F	0.0167837	0.161473	0.386185	-2.58922	0.54045	0.890452	-1.12301	0.00235056	0.256092	-3.90457	0.0015209	0.232926	-4.29329	0.0108597	0.351193	-2.84763	0.725165	0.19805	-5.04955	0.00136	0.0129451	-77.2495	0.0184466	0.0961756	-10.4064	0.0268056	0.117517	-8.51065	46.6979	10.4	0.369228	1
cg25512246	MIR518F;MIR520B	0.0355868	0.120959	0.497293	-2.01089	0.0117669	0.270615	-3.69529	0.0603729	0.414852	-2.4105	0.935301	0.966835	-1.0343	0.0374876	0.36685	-2.72591	0.3641011	0.931309	-1.07376	0.00672992	0.232304	-4.30473	0.04137 12	0.376307	-2.6574	0.503788	1.32556	1.32556	1.84391	10.5059	2.42944	1
cg14709103	MIR519A1;MIR522	1.38E-05	2.77E-06	0.188153	-5.31407	0.0112642	0.0127241	0.0890308	-11.2321	0.0396757	0.155913	-6.41385	0.659723	0.707387	-1.41365	0.0109384	0.380162	0.0005349	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg07523712	MIR519A1;MIR522	0.0412717	0.00742847	0.218805	-4.57028	0.391274	0.47273	-2.11573	0.0155303	0.270349	-3.69892	0.78648	1.12712	1.12712	0.72076	0.218436	-4.57826	0.0284665	0.310919	-3.21579	0.261783	1.67485	1.67485	0.777406	0.913328	1.13028	0.677263	0.831552	1.20257	5.63403	11.1997	2.73434	1
cg18229313	MIR519A2	0.00090127	0.00490155	0.263405	-3.79644	0.0168913	0.490578	-2.03841	0.00506837	0.404368	-2.473	0.780756	0.934091	-1.07056	0.00155657	0.32911	-3.0385	0.206111	0.721884	-1.38526	0.386	0.165775	-6.03226	0.577168	1.14755	1.14755	0.263236	0.752011	-1.32977	12.1179	11.4597	0.840607	1
cg04696881	MIR519A2	0.01854467	0.00188415	0.0729593	-13.7095	0.0172641	0.0127241	0.0890308	-11.2321	0.0396757	0.155913	-6.41385	0.659723	0.707387	-1.41365	0.0109384	0.380162	0.0025304	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg15003468	MIR519B;MIR526B	0.00160455	0.00484613	0.140626	-7.11108	0.0177303	0.217718	-4.59309	0.01761	0.291565	-4.55451	0.0663302	0.339209	-2.94804	0.00228054	0.116349	-8.59481	0.0061708	0.153313	6.52261	0.00210302	0.103227	-9.68738	0.00767285	0.157851	-6.33507	0.0796343	0.360138	-2.77671	0.90223	30.1274	3.87981	1
cg00180063	MIR519B;MIR526B	0.0171667	0.00240433	0.0729593	-13.7095	0.0172641	0.0127241	0.0890308	-11.2321	0.0396757	0.155913	-6.41385	0.659723	0.707387	-1.41365	0.0109384	0.380162	0.0025304	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg09796029	MIR519C	5.68E-05	0.105913	0.652786	-1.5319	0.463651	0.19739	-1.19739	0.496 05	0.170062	-5.88021	0.671734	0.902179	-1.10843	7.17E-05	0.174265	5.7384	0.0025304	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg11835950	MIR519C	0.0172669	0.0328153	0.176719	-5.66722	0.0948475	0.111311	-1.13273	0.0622	0.3	-5	0.0622	0.3	-5	0.0622	0.3	-5	0.0576858	0.420832	-2.3764	0.0134997	0.154497	1.84398	0.58009	0.797036	-1.25465	0.0062185	0.235597	-4.24453	5.80924	21.5185	3.71998	1
cg09473316	MIR519D	0.0493278	0.0192956	0.172727	0.0376642	0.227321	0.49077	-2.03841	0.0155525	0.585904	-1.70676	0.0426407	0.657475	-1.52097	0.0171126	0.736501	-1.35777	0.0589109	0.68162	-1.46709	0.0854049	1.39987	1.39987	0.151135	0.758507	-1.31838	0.0831548	0.708455	1.41152	3.53235	1.80607	0.454484	1
cg24858376	MIR519D;MIR517A	0.00348019	0.0149145	0.561175	-1.78197	0.389823	0.843626	-1.18536	0.189598	0.764813	-1.30751	3.61E-05	0.215213	-4.64656	0.000165728	0.289867	-3.44986	0.0010858	0.287434	-3.47906	0.197012	0.768595	-1.30108	0.358429	1.19989	1.19989	0.543027	0.887981	-1.12615	15.7938	9.13439	0.524221	1
cg20793737	MIR519D;MIR517A	0.00316545	0.0150926	0.167741	-5.96157	0.617161	1.17169	1.17169	0.00222396	0.25999	-3.8463	0.610595	1.17522	1.17522	0.357296	0.747395	-1.33798	0.0010983	0.220186	-4.54162	0.736806	1.11187	1.11187	0.050222	0.495685	-2.01741	0.293169	0.709755	-1.40894	8.42264	13.1849	1.39148	1
cg11719120	MIR519E	0.00063394	0.000172665	0.149883	-6.66744	0.0473158	0.96527	1.06527	0.00804044	0.364269	-2.74522	0.184476	0.657934	-1.51991	0.000901056	0.228239	-4.38137	0.0005617	0.2038	-4.90678	0.185181	0.658428	-1.51877	0.00787065	0.221052	-4.52382	0.361522	0.756571	-1.32175	13.3801	18.7443	1.34525	1
cg15554966	MIR519E	0.00379926	0.000318685	0.0696367	-14.3612	0.322655	0.604688	-1.65348	0.00185	0.3	-5.4	0.00185	0.3	-5.4	0.00185	0.3	-5.4	0.659363	0.8092	-1.23582	0.631567	1.19187	1.19187	0.0222928	0.33833	-2.95569	0.476576	0.751977	-1.32983	7.97513	10.7753	2.20411	1
cg18730716	MIR520A	5.34E-08	9.27E-09	0.0132342	-20.8076	0.0205879	0.0	-48.8723	2.46E-07	0.150958	-6.62437	2.22E-05	0.344318	-2.90429	2.85E-06	0.049867	0.05724	3.76E-08	0.0860796	11.6171	2.68E-08	0.0265376	-37.6874	1.88E-07	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg06398741	MIR520A	8.96E-05	9.43E-06	0.296453	-3.37322	0.213829	0.846605	-1.18119	0.00339942	0.602561	-1.65958	0.971809	0.995514	-1.00451	0.00211272	0.57702	-1.7334	0.0005606	0.0048076	-1.9965	1.71E-05	0.325514	-3.07206	0.00878465	0.530169	-1.88619	0.170154	0.830386	-1.20426	22.7973	5.84383	0.227856	1
cg20753636	MIR520A	0.02762732	0.00458053	0.0729593	-13.7095	0.0172641	0.0127241	0.0890308	-11.2321	0.0396757	0.155913	-6.41385	0.659723	0.707387	-1.41365	0.0109384	0.380162	0.0025304	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg17857791	MIR520B	0.00906234	0.0134797	0.140601	-7.11233	0.0012155	0.047967	-20.8476	0.0571804	0.251557	-3.97524	0.930411	0.94552	-1.05762	0.00803802	0.113273	8.82822	0.0048704	0.2084	-4.79887	0.178418	1.1209	1.1209	0.0116571	0.266274	-3.75553	0.114742	0.488493	-2.05384	4.54521	4.08	0.897488	1
cg21456301	MIR520D	0.00983722	0.0110159	0.0827733	-12.0843	0.0127241	0.0890308	-11.2321	0.0396757	0.155913	-6.41385	0.659723	0.707387	-1.41365	0.0109384	0.380162	0.0025304	0.0582583	0.187861	5.3231	0.00850025	0.0751552	-13.2609	0.0184	0.106701	-9.372	0.124324	0.272491	-3.66985	4.59211	44.443	8.59342	1
cg13122532	MIR520C	0.00011499	1.03E-05	0.176371	-5.66986	0.0466661	0.682937	-1.46426	0.00553651	0.511774	-1.95399	0.103767	0.721145	-1.38668	8.84E-05	0.262324	3.81208	4.30E-05	0.239766	-4.17074	0.0103673	0.552497	-1.80996	0.0019765	0.447879	-2.23275	0.314936	0.719138	1.39138	21.3471	11.4171	0.475404	1
cg24014849	MIR520C	0.00014909	0.000458	0.436269	-2.29216	0.673212	1.10911	1.10911	6.97E-05	0.169759	-5.89072	0.000339035	0.2442	-4.09501	0.000258906	0.230492	-4.33854	0.0001581	0.284734	-3.51177	0.0014442	0.168073	-5.94901	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg17670263	MIR520C	0.00145702	0.0153706	0.133116	-7.51249	0.0919742	0.185162	-5.40565	0.0038402	0.454502	-2.20139	0.0708918	0.298487	-3.35107	0.0014442	0.168073	-5.94909	0.0003158	0.122444	-8.23428	5.58E-06	0.0183551	-54.4827	0.00127	0.0962533	-10.3962	0.0266859	0.511116	-1.9565	23.3762	49.6871	1.50347	1
cg19537184	MIR520C;MIR526A	0.0292384	0.00718384	0.162407	-6.15737	0.0179185	0.2216	-4.51263	0.106	0.396637	-2.5212	0.047489	0.305004	-3.27864	0.0112097	0.189291	5.28288	0.0477026	0.30545	-3.27386	0.0524454	0.315012	-3.17448	0.0773	0.220823	-4.52852	0.139231	0.434506	-2.30147	4.12427	17.9198	3.86218	1
cg22166633	MIR520E	0.00952289	0.00146167	0.0696367	-14.3612	0.322655	0.604688	-1.65348	0.00185	0.3	-5.4	0.00185	0.3	-5.4	0.00185	0.3	-5.4	0.0010858	0.287434	-3.47906	0.197012	0.768595	-1.30108	0.358429	1.19989	1.19989	0.543027	0.887981	-1.12614	15.7938	9.13439	0.524221	1
cg19564375	MIR520E	0.0284357	0.0238678	0.282444	-3.54053	0.924848	1.04888	1.04888	0.178759	0.485486	-2.05979	0.188883	0.49453	-2.02212	0.00268043	0.122527	8.16148	0.0239122	0.255843	3.90864	0.332482	1.65821	1.65821	0.025407	0.260816	-3.83412	0.439657	0.671201	-1.48987	4.16505	16.88	3.60247	1
cg09522962	MIR520F	0.00120199	0.00123233	0.338586	-2.95346	0.00984391	0.211229	2.11229	0.00091789	0.321319	-3.11217	0.417732	0.827117	-1.20902	0.365345	0.808006	-1.23761	0.0002056	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	46.6979	10.4	0.369228	1
cg18732155	MIR520G	0.00045881

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10518340	MIR548H3;C6orf167	0.00142146	0.542366	1.23778	1.23778	0.129205	1.77338	1.77338	0.361306	1.38454	1.38454	0.00672123	0.282018	-3.54587	7.28E-05	0.0632539	-15.8093	?	?	?	0.104945	0.537803	-1.85942	?	?	?	0.905987	1.04164	1.04164	13.4293	19.3049	1.43752	1
cg05451359	MIR548H4	0.000301147	0.01586	0.60118	-1.6634	0.100902	1.36265	1.36265	0.0798909	0.715555	-1.39752	0.803067	0.957878	-1.04397	0.000535763	0.395411	-2.52901	0.0303811	1.55007	1.55007	0.0493286	0.67951	-1.47165	4.08E-05	3.85003	3.85003	0.0210119	1.61306	1.61306	16.433	7.71986	0.417581	1
cg08039084	MIR548H4	0.0030216	0.327352	0.857834	-1.16573	0.0444591	0.704667	-1.41911	0.188027	0.809316	-1.23561	0.196908	0.813098	-1.22986	8.67E-05	0.343658	-2.90987	0.457537	0.891601	-1.12158	0.000651421	0.452601	-2.20945	0.418215	0.882094	-1.13367	0.313989	0.853912	-1.17108	8.53994	3.11094	0.323805	1
cg26553741	MIR548H4	0.00875968	0.00107502	0.29339	-3.40844	0.135938	1.50373	1.50373	0.00501666	0.389653	-2.56638	0.0276773	0.51639	-1.93652	0.0188227	0.485546	-2.05954	0.817112	1.06058	1.06058	0.189475	0.702668	-1.42315	0.0789181	0.609372	-1.64103	0.107632	0.640328	-1.5617	6.16504	6.29352	0.907413	1
cg09638686	MIR548H4	0.0229758	0.284541	1.19925	1.19925	0.0750689	0.723258	-1.38263	0.0153949	0.615069	-1.62583	0.514709	0.897642	-1.11403	0.566815	0.909714	-1.09925	0.179491	1.26243	1.26243	0.00421564	1.87066	1.87066	0.14744	0.775646	-1.28925	0.502	0.894611	-1.1178	4.48648	1.8982	0.376083	1
cg01280098	MIR548H4	0.0249123	0.0286115	0.595516	-1.67922	0.0241393	0.582924	-1.71549	0.0550231	0.646178	-1.54756	0.152016	0.734905	-1.36072	0.00652754	0.491944	-2.03275	0.0870543	0.684364	-1.46121	0.0219197	0.57587	-1.7365	0.238341	1.28132	1.28132	0.03954	0.620102	-1.61264	4.36256	2.78355	0.567159	1
cg20238128	MIR548H4	0.0269681	0.494861	1.09403	1.09403	0.143831	0.815774	-1.22583	0.78958	0.965916	-1.03529	0.378957	1.12416	1.12416	0.271875	0.862176	-1.15986	0.593918	1.07227	1.07227	0.0816798	0.778667	-1.28425	0.00137429	1.8255	1.8255	0.163406	1.21272	1.21272	4.24342	1.1298	0.236664	1
cg06022664	MIR548H4	0.0386262	0.591786	0.689127	-1.45111	0.251905	2.2779	2.2779	0.460592	1.67649	1.67649	0.434487	0.57782	-1.73064	0.77371	0.820133	-1.21931	0.973374	1.02322	1.02322	0.285201	0.466031	-2.14578	0.000897767	30.5369	30.5369	0.349412	1.93972	1.93972	3.73074	27.9534	6.66019	1
cg19993316	MIR548H4;GLCE	0.00380702	0.318406	0.837587	-1.19391	0.00208292	0.474917	-2.10563	0.485524	0.885326	-1.12953	0.812345	1.04172	1.04172	0.312373	0.8356	-1.19674	0.713824	1.06535	1.06535	8.37E-05	0.296304	-3.37491	0.694952	0.93451	-1.07008	0.782425	0.953537	-1.04873	7.97024	3.72849	0.415823	1
cg25584422	MIR548H4;GLCE	0.00735038	0.00821677	0.464996	-2.15056	0.139824	1.43302	1.43302	0.00372124	0.411724	-2.42881	0.106288	1.491	1.491	?	?	?	0.0331022	1.75809	1.75809	0.126604	1.45388	1.45388	0.693792	0.914284	-1.09375	0.0847793	1.53985	1.53985	6.64974	4.80133	0.722032	1
cg22381808	MIR548H4;GLCE	0.0367465	0.202542	0.756447	-1.32197	0.0755111	0.663325	-1.50756	0.0130737	0.527996	-1.89395	0.125326	0.7088	-1.41083	0.0303181	0.589635	-1.69597	0.0783576	0.666514	-1.50034	0.477294	0.860785	-1.16173	0.735413	1.0729	1.0729	0.0341762	1.66989	1.66989	3.79937	2.59001	0.605951	1
cg00309133	MIR548H4;GLCE	0.0395318	0.388541	0.803854	-1.24401	0.0037321	0.379988	-2.63166	0.0830537	0.622423	-1.60662	0.0739125	1.63582	1.63582	0.232735	0.734057	-1.36229	0.669967	1.11174	1.11174	0.597689	0.876711	-1.14063	0.325377	0.7781	-1.28518	0.115593	1.52595	1.52595	3.69913	3.57623	0.859356	1
cg22192614	MIR548H4;GLCE	0.039949	0.399647	0.875691	-1.14196	0.419692	0.880793	-1.13534	0.817444	0.965029	-1.03624	0.367439	1.15319	1.15319	0.0936866	1.32817	1.32817	0.00138427	2.04173	2.04173	0.117712	1.29896	1.29896	0.813055	0.964185	-1.03715	0.649361	0.931957	-1.07301	3.68487	1.38324	0.333673	1
cg08619779	MIR548H4;GLCE;GLCE	0.0193113	0.819965	0.944076	-1.05924	0.722539	0.913929	-1.09418	0.21139	1.39429	1.39429	0.470281	1.20374	1.20374	0.197861	1.41	1.41	0.133134	0.664297	-1.50535	0.000796187	0.278357	-3.59251	0.0815966	1.62785	1.62785	0.632829	0.885583	-1.1292	4.76081	4.8053	0.897195	1
cg15197583	MIR548H4;NOX5	3.57E-06	0.0208943	0.751985	-1.32981	0.00209889	1.55846	1.55846	0.00249422	0.649944	-1.5386	1.10E-06	0.271988	-3.67663	0.000214527	0.530622	-1.88458	1.11E-06	0.272383	-3.6713	?	?	?	4.92E-05	0.45751	-2.18574	0.000145377	0.511378	-1.9555	54.3505	8.04535	0.148027	1
cg09453870	MIR548H4;NOX5	0.000262168	0.00038866	8.94225	8.94225	0.668153	1.18177	1.18177	0.0594994	2.27898	2.27898	0.308258	0.664706	-1.50442	0.00333292	4.69918	4.69918	0.000581599	7.84703	7.84703	0.902667	0.953725	-1.04852	3.71E-05	21.5757	21.5757	0.00026852	10.1286	10.1286	17.0674	40.5404	2.11139	1
cg17073392	MIR548H4;NOX5	0.00188208	0.00220771	17.2221	17.2221	0.307035	2.01684	2.01684	0.0714072	3.80292	3.80292	0.77901	1.20518	1.20518	0.00846369	9.3014	9.3014	0.00422706	12.6906	12.6906	0.961207	0.968247	-1.03279	0.000177872	67.6128	67.6128	0.00135261	21.9231	21.9231	9.81391	68.409	6.1961	1
cg19461383	MIR548H4;NOX5	0.00219146	0.0529005	3.03504	3.03504	0.00152562	10.0015	10.0015	0.463338	0.686125	-1.45746	0.0123959	0.20788	-4.81046	0.0170335	0.230373	-4.34078	0.00577738	0.161218	-6.20278	0.178012	0.485657	-2.05907	0.0168633	4.3548	4.3548	0.0615092	0.345436	-2.89489	9.38796	37.8636	3.58507	1
cg25395581	MIR548H4;NOX5	0.00411477	0.0562912	1.68604	1.68604	0.142489	0.683172	-1.46376	0.967639	1.00985	1.00985	0.747724	1.08112	1.08112	0.195967	1.39165	1.39165	0.612934	0.884006	-1.13121	0.000106193	5.22575	5.22575	0.00796652	2.27529	2.27529	0.536547	1.16329	1.16329	7.78577	7.20247	0.822295	1
cg08148660	MIR548H4;NOX5	0.00438729	0.00362458	5.21492	5.21492	0.516159	1.31808	1.31808	0.223328	1.71043	1.71043	0.169866	1.84661	1.84661	0.459011	1.37204	1.37204	0.147259	1.92018	1.92018	0.969549	0.984114	-1.01614	0.000132671	16.121	16.121	0.00528515	4.67609	4.67609	7.63622	21.284	2.47755	1
cg15040157	MIR548H4;NOX5	0.00908333	0.0992413	2.05525	2.05525	0.0469359	2.47597	2.47597	0.0799526	2.1695	2.1695	0.0219257	2.99216	2.99216	0.00185259	5.8208	5.8208	0.0117077	3.50983	3.50983	0.0629259	2.30258	2.30258	0.00289159	5.1185	5.1185	0.00430858	4.57909	4.57909	6.09452	15.3387	2.23716	1
cg20532999	MIR548H4;NOX5	0.0117858	0.0544281	4.53817	4.53817	0.743298	1.25578	1.25578	0.0731459	3.99505	3.99505	0.254407	2.28141	2.28141	0.00799077	10.5502	10.5502	0.0207718	6.88336	6.88336	0.604589	0.696256	-1.43625	0.00125772	26.1505	26.1505	0.00767793	10.7455	10.7455	5.60613	42.6486	6.76222	1
cg26664528	MIR548H4;NOX5	0.0143917	0.294781	0.635752	-1.57294	0.292659	0.634391	-1.57632	0.0200257	0.310391	-3.22174	0.0649538	0.421507	-2.37244	0.00466837	0.208454	-4.79721	0.0139899	0.28221	-3.54346	0.00318117	0.186506	-5.36176	0.00741354	0.237432	-4.21173	0.0605924	0.413978	-2.41559	5.25198	14.454	2.44631	1
cg22952917	MIR548H4;NOX5	0.0150223	0.079675	0.392129	-2.55018	0.0400513	3.13325	3.13325	0.416191	0.670348	-1.49176	0.09305	0.410933	-2.43349	0.00319125	0.144012	-6.94388	0.00633629	0.180741	-5.53277	0.350262	0.629546	-1.58845	0.427491	1.47688	1.47688	0.105206	0.426541	-2.34444	5.17815	18.9983	3.26127	1
cg18819275	MIR548H4;NOX5	0.0242248	0.797112	0.949319	-1.05339	0.78961	1.05547	1.05547	0.271467	0.793647	-1.26001	0.621049	1.10584	1.10584	0.237604	1.28372	1.28372	0.307914	0.808103	-1.23747	0.000445691	0.326733	-3.0606	0.675244	1.08879	1.08879	0.49339	0.868989	-1.15076	4.40515	2.8435	0.573773	1
cg02670903	MIR548H4;NOX5	0.0487226	0.71132	0.850555	-1.1757	0.149056	1.96162	1.96162	0.397813	0.685931	-1.45787	0.0179829	0.286004	-3.49645	0.065253	0.406087	-2.46253	0.024214	0.310368	-3.22198	0.245218	0.589032	-1.6977	0.220529	1.75218	1.75218	0.0536542	0.385134	-2.5965	3.42157	10.2749	2.66931	1
cg09886641	MIR548H4;NOX5;NOX5;SPESP1	0.000144475	0.00448931	1.97222	1.97222	0.000186366	3.09858	3.09858	0.253315	1.23847	1.23847	0.0238755	1.62137	1.62137	0.00231579	2.14446	2.14446	0.00214683	2.16572	2.16572	7.05E-05	3.66923	3.66923	0.00155972	2.25933	2.25933	0.000672817	0.393618	-2.54053	20.0587	10.2098	0.452438	1
cg14554415	MIR548H4;NOX5;NOX5;SPESP1;SPESP1	0.000191246	0.0211567	2.21465	2.21465	0.00693027	2.72457	2.72457	0.842901	0.944672	-1.05857	0.166282	0.654816	-1.52715	0.0206949	2.22352	2.22352	0.0108166	2.50477	2.50477	3.67E-05	9.76528	9.76528	0.0012394	3.87314	3.87314	0.000351158	0.192499	-5.19483	18.5954	24.2323	1.15834	1
cg07775813	MIR548H4;NOX5;SPESP1	0.000744785	0.464055	1.18918	1.18918	0.0240672	1.86934	1.86934	0.973738	1.00768	1.00768	0.876228	0.964411	-1.0369	0.103882	1.51202	1.51202	0.0953489	1.53115	1.53115	0.00606866	2.30043	2.30043	0.857459	1.04269	1.04269	2.47E-05	0.142212	-7.03174	12.7866	10.9466	0.760977	1
cg13757194	MIR548H4;NOX5;SPESP1	0.00161625	0.0272257	0.320555	-3.11959	0.229819	0.577819	-1.73065	0.00211115	0.152313	-6.56541	0.0118159	0.254479	-3.92959	0.000240883	0.0710179	-14.081	0.319994	1.56416	1.56416	0.230444	0.578285	-1.72925	0.0324464	0.336214	-2.9743	0.000376233	0.0841848	-11.8786	10.2565	30.7838	2.66791	1
cg26820811	MIR548H4;NOX5;SPESP1	0.00252728	0.491815	0.789585	-1.26649	0.0248745	0.405165	-2.46813	0.210307	0.639746	-1.56312	0.583432	0.829119	-1.2061	0.599114	0.835698	-1.1966	0.889081	0.953879	-1.04835	0.767473	1.10554	1.10554	0.636732	0.851317	-1.17465	2.54E-05	0.0591646	-16.902	9.00323	16.3259	1.61185	1
cg17286244	MIR548H4;SPESP1;NOX5	0.00572668	0.360695	1.37171	1.37171	0.00904259	3.05271	3.05271	0.101672	1.82704	1.82704	0.0449038	2.16888	2.16888	0.382293	1.35171	1.35171	0.114616	1.78096	1.78096	0.000368504	6.80774	6.80774	0.023818	2.47745	2.47745	0.039765	0.449506	-2.22466	7.03961	12.6131	1.59265	1
cg12945769	MIR548H4;SPESP1;NOX5	0.0265251	0.700391	0.926066	-1.07984	0.978936	0.994769	-1.00526	0.187434	0.757642	-1.31988	0.877287	0.96977	-1.03117	0.385698	0.838061	-1.19323	0.906985	0.977047	-1.02349	0.000699472	2.79259	2.79259	0.195148	0.761693	-1.31287	0.344927	0.824274	-1.21319	4.26812	2.66773	0.555587	1
cg08041140	MIR548H4;TMEM84	0.0182198	0.00293832	0.461868	-2.16512	0.0155667	0.570633	-1.75244	0.413123	0.853651	-1.17144	0.886552	1.02736	1.02736	0.00248123	0.451424	-2.21521	0.924415	1.01811	1.01811	0.460939	1.15252	1.15252	0.801678	0.953519	-1.04875	0.474543	0.871506	-1.14744	4.85526	2.75012	0.503486	1
cg26821462	MIR548I1	0.00612789	0.00941365	0.554118	-1.80467	0.227479	0.796737	-1.25512	0.0402787	0.653804	-1.52951	0.00106788	0.420123	-2.38025	0.00328924	0.487582	-2.05094	0.0193213	0.602044	-1.66101	0.0114806	0.567124	-1.76328	0.398648	0.856427	-1.16764	0.00370013	0.494852	-2.02081	6.8941	3.5123	0.452857	1
cg21836699	MIR548I2	0.00150419	0.000596446	0.0687115	-14.5536	0.448786	1.4771	1.4771	0.0124992	0.207981	-4.80814	0.575734	0.751471	-1.33072	0.00312908	0.12981	-7.70357	0.0399912	0.301317	-3.31876	0.0002263	0.045111	-22.1676	0.100003	0.402201	-2.48632	0.00230003	0.116133	-8.61079	10.4712	42.352	3.59522	1
cg23995666	MIR548I2	0.0258151	0.845222	1.02598	1.02598	0.0844856	0.778451	-1.2846	0.00695156	0.63235	-1.5814	0.144943	0.814282	-1.22808	0.0621382	0.759111	-1.31733	0.0131299	0.667881	-1.49727	0.0730416	1.30004	1.30004	0.0860502	0.779627	-1.28266	0.0933305	0.784864	-1.27411	4.3088	1.17537	0.242475	1
cg03436967	MIR548I4;CNTNAP2	3.40E-05	3.01E-05	0.0805508	-12.4145	4.30E-05	0.0908834	-11.0031	0.000319823	0.16571	-6.03465	0.0279415	0.448676	-2.22878	2.68E-06	0.0306303	-32.6474	0.0535055	0.508283	-1.96741	0.0136139	0.389883	-2.56487	0.768756	0.91304	-1.09524	0.000180052	0.141348	-7.07471	29.4634	44.4345	1.34055	1
cg09335647	MIR548I4;CNTNAP2	0.000141434	2.92E-06	0.0911715	-10.9683	0.179158	0.736324	-1.3581	0.00633276	0.46652	-2.14353	0.00112571	0.357585	-2.79654	0.000335217	0.289182	-3.45803	0.00355737	0.428597	-2.33319	0.520799	0.869698	-1.14982	0.755513	0.935197	-1.06929	0.0289467	0.575594	-1.73733	20.1739	14.7002	0.64771	1
cg16341266	MIR548I4;CNTNAP2	0.000724649	9.79E-06	0.0523291	-19.1098	0.727123	0.89701	-1.11481	0.104061	0.576164	-1.73562	0.0375746	0.473088	-2.11377	0.842773	1.06355	1.06355	0.805068	0.926155	-1.07973	0.0813125	1.82119	1.82119	0.342759	1.35424	1.35424	0.677741	1.13843	1.13843	12.8853	19.6424	1.35503	1
cg14627974	MIR548I4;CNTNAP2	0.00114451	3.19E-05	0.199674	-5.00816	0.16599	0.74534	-1.34167	0.449879	0.85796	-1.16556	0.215419	0.77149	-1.29619	0.00189879	0.416634	-2.40019	0.96712	1.00824	1.00824	0.0400208	1.60353	1.60353	0.405792	1.18438	1.18438	0.389101	0.838944	-1.19197	11.3236	7.09965	0.557311	1
cg15700587	MIR548I4;CNTNAP2	0.00138981	3.81E-05	0.0498933	-20.0428	0.0637515	0.45357	-2.20473	0.0839738	0.484141	-2.06552	0.69148	0.859575	-1.16337	0.000977269	0.155609	-6.42636	0.0146174	0.319621	-3.1287	0.0593332	0.445949	-2.24241	0.521795	1.27929	1.27929	0.0704788	0.464448	-2.15309	10.712	24.4146	2.02595	1
cg07299645	MIR548I4;CNTNAP2	0.00230515	5.40E-05	0.148179	-6.74861	0.322026	0.771446	-1.29627	0.0073855	0.416632	-2.4002	0.392258	0.800663	-1.24896	0.49946	0.840392	-1.18992	0.101497	0.634588	-1.57583	0.0047414	0.386195	-2.58937	0.27967	1.32985	1.32985	0.313195	0.76752	-1.3029	9.24993	9.42522	0.905734	1
cg01615815	MIR548I4;CNTNAP2	0.0439507	0.0216192	0.157387	-6.35376	0.24774	0.444812	-2.24814	0.0166369	0.140822	-7.10118	0.26162	0.456228	-2.19189	0.00528414	0.0850136	-11.7628	0.117555	0.319971	-3.12528	0.056011	0.23432	-4.26767	0.616315	0.712712	-1.40309	0.0384369	0.200319	-4.99204	3.55675	25.3153	6.3267	1
cg22504528	MIR548J;TPST2;TPST2	0.00706384	0.189375	0.695932	-1.43692	0.0264543	1.98603	1.98603	0.852534	1.04972	1.04972	0.890328	1.03663	1.03663	0.000214848	0.199676	-5.0081	0.697236	0.90308	-1.10732	0.557756	1.16716	1.16716	0.0537323	0.564887	-1.77027	0.32608	0.76768	-1.30263	6.59641	7.10297	0.957149	1
cg04479757	MIR548J;TPST2;TPST2	0.022337	0.0643551	0.555877	-1.79896	0.26918	0.722424	-1.38423	0.0808935	0.578744	-1.72788	0.444642	0.802377	-1.2463	0.000353186	0.197582	-5.06119	0.892194	0.962411	-1.03906	0.989426	0.996263	-1.00375	0.71701	0.902263	-1.10832	0.736145	0.908865	-1.10027	4.53023	5.72813	1.12393	1
cg12885549	MIR548N	6.54E-07	3.49E-05	0.305	-3.27869	0.03133	0.687304	-1.45496	0.000751573	2.13598	2.13598	0.196877	0.816638	-1.22453	0.047719	0.714529	-1.39952	7.47E-09	0.0281883	-35.4757	0.103601	0.767769	-1.30247	0.171198	0.805491	-1.24148	0.149856	1.2576	1.2576	81.7182	28.527	0.310302	1
cg23238438	MIR548N	0.000200431	0.000991176	0.184405	-5.42284	0.000307442	0.132057	-7.57246	0.00105723	0.187631	-5.32962	0.182275	1.63085	1.63085	0.000131915	0.101104	-9.89077	0.946007	0.976871	-1.02368	7.52E-05	0.0835254	-11.9724	0.41359	1.33481	1.33481	0.00727568	0.302375	-3.30716	18.3605	34.7133	1.68058	1
cg11948456	MIR548N	0.00426851	0.991265	1.00591	1.00591	0.00110173	13.3155	13.3155	0.00118433	12.9225	12.9225	0.552411	0.723648	-1.38189	0.327003	0.580121	-1.72378	0.407036	0.633552	-1.5784	0.0705745	0.337083	-2.96662	?	?	?	0.177537	0.462489	-2.16221	7.86715	32.0718	4.07667	1
cg19916659	MIR548N	0.00686257	0.131124	0.470236	-2.12659	0.00485224	5.63486	5.63486	0.254793	1.73393	1.73393	0.630218	1.25175	1.25175	0.174313	1.95213	1.95213	0.396086	0.668789	-1.49524	0.0207193	3.62983	3.62983	0.000784925	10.4876	10.4876	0.0154399	3.95748	3.95748	6.65611	22.5882	3.01654	1
cg16297938	MIR548N	0.0117203	0.0902026	0.77272	-1.29413	0.204712	1.20296	1.20296	0.0383207	1.39298	1.39298	0.959914	0.993084	-1.00696	0.276867	0.855415	-1.16902	0.00655854	0.614104	-1.62839	0.00377102	0.582869	-1.71565	0.176574	1.21941	1.21941	0.238358	1.18594	1.18594	5.61627	1.696	0.268427	1
cg17740434	MIR548N	0.0131597	0.0178374	0.212217	-4.71216	0.085184	2.78553	2.78553	0.425834	0.64551	-1.54916	0.353722	1.67131	1.67131	0.156814	2.2595	2.2595	0.129996	0.414627	-2.4118	0.0691939	2.98728	2.98728	0.00415065	7.91185	7.91185	0.0260437	4.14423	4.14423	5.40853	24.819	4.07899	1
cg03808674	MIR548N	0.0144108	0.848839	0.950678	-1.05188	0.0080229	0.406389	-2.4607	0.0753028	0.591596	-1.69034	0.301453	1.32815	1.32815	0.213616	0.706709	-1.41501	0.00525683	2.65277	2.65277	0.041011	1.8684	1.8684	0.228357	1.39813	1.39813	0.356516	0.777727	-1.2858	5.24968	5.84204	0.989188	1
cg07457402	MIR548N	0.0181883	0.0507341	0.406959	-2.45725	0.115396	1.99629	1.99629	0.0239529	2.96817	2.96817	?	?	?	0.00489473	0.221766	-4.50925	?	?	?	0.345165	0.675241	-1.48095	0.895493	0.948305	-1.05451	0.413639	0.713524	-1.40149	5.06016	10.1676	2.29639	1
cg04220104	MIR548N	0.0373807	0.0483842	0.295344	-3.38588	0.24676	1.925	1.925	0.152229	0.43635	-2.29174	0.81068	0.878299	-1.13856	0.364271	1.65555	1.65555	0.105375	0.384156	-2.60311	0.512069	1.4327	1.4327	0.00460221	7.68544	7.68544	0.271912	1.85599	1.85599	3.77574	17.4852	4.11638	1
cg00074313	MIR548N	0.0479694	0.26584	1.35076	1.35076	0.0958434	0.622314	-1.60691	0.00329775	0.354143	-2.82372	0.155847	0.674532	-1.48251	0.703448	0.905582	-1.10426	0.439616	1.22678	1.22678	0.563972	1.16329	1.16329	0.204562	0.7067	-1.41503	0.0619141	0.579755	-1.72487	3.4418	3.66545	0.946649	1
cg14284588	MIR548N;FKBP7;FKBP7	0.000293374	0.000244235	0.18862	-5.30167	0.00362325	0.338536	-2.95389	0.00227269	0.308981	-3.23644	0.258049	0.722756	-1.38359	0.00261002	0.317584	-3.14877	0.769126	0.922219	-1.08434	6.28E-05	0.131661	-7.59527	0.000157149	0.168786	-5.92467	0.00112417	0.267328	-3.74072	16.551	19.8394	1.0655	1
cg16419334	MIR548N;FKBP7;FKBP7	0.00156774	0.0636775	0.563912	-1.77333	0.733347	1.09852	1.09852	0.0238318	0.476613	-2.09814	0.661672	1.12862	1.12862	0.00398772	0.345256	-2.8964	0.458264	0.812588	-1.23064	9.56E-05	0.148311	-6.74261	0.0139213	2.3043	2.3043	0.0312937	0.499471	-2.00212	10.3471	12.3729	1.06292	1
cg21182526	MIR548N;OSBPL6;OSBPL6	0.000100914	0.000107732	0.135938	-7.35629	0.160575	0.645281	-1.54971	0.0109847	0.393529	-2.54111	0.190488	0.666859	-1.49957	4.93E-05	0.107719	-9.28345	0.0101121	0.387379	-2.58145	8.02E-06	0.0576022	-17.3604	0.00190238	0.276462	-3.61714	0.000665692	0.218157	-4.58386	22.0867	29.8789	1.20249	1
cg00789792	MIR548N;OSBPL6;OSBPL6	0.00808221	0.300518	1.16019	1.16019	0.00532154	0.601339	-1.66296	0.00246191	0.558072	-1.79188	0.704788	1.05413	1.05413	0.186171	1.21424	1.21424	0.0521991	0.736492	-1.35779	0.0136857	1.52545	1.52545	0.955947	1.00768	1.00768	0.357207	0.87709	-1.14013	6.32376	1.9212	0.27005	1
cg24192368	MIR548N;OSBPL6;OSBPL6	0.0117397	0.00429494	0.273772	-3.65268	0.059228	0.485542	-2.05955	0.649951	0.856428	-1.16764	0.547596	0.813483	-1.22928	0.00075894	0.177039	-5.64846	0.543734	0.811823	-1.2318	0.26725	0.675664	-1.48003	0.572006	1.21374	1.21374	0.0114401	0.341808	-2.92562	5.61325	10.2299	1.61995	1
cg01659489	MIR548N;PLEKHA3	0.00541758	0.305078	0.84584	-1.18226	0.00648407	0.572427	-1.74695	0.355517	0.860855	-1.16164	0.0777651	1.36209	1.36209	0.000518941	0.425946	-2.34771	0.514714	0.901089	-1.10977	0.216453	1.22758	1.22758	0.0894425	1.3434	1.3434	0.0421105	0.691317	-1.44652	7.16066	2.81843	0.349866	1
cg11539052	MIR548N;PLEKHA3	0.00912175	0.00208005	0.456161	-2.19221	0.0236116	0.612917	-1.63154	0.155342	0.759272	-1.31705	0.009768	0.553322	-1.80727	0.210721	0.787526	-1.2698	0.635532	0.917159	-1.09032	0.00110791	0.418701	-2.38834	0.0197001	0.600375	-1.66563	0.734517	0.940211	-1.06359	6.08635	3.16221	0.461829	1
cg18193109	MIR548N;PLEKHA3	0.0141759	0.502748	0.925612	-1.08037	0.336994	1.11908	1.11908	0.00184781	1.65269	1.65269	0.0507121	0.776451	-1.28791	0.136882	0.833506	-1.19975	0.871099	0.981713	-1.01863	0.309118	1.12708	1.12708	0.0116362	0.698782	-1.43106	0.449052	1.09163	1.09163	5.27817	1.07977	0.181843	1
cg08519216	MIR548N;PLEKHA3;PLEKHA3	1.95E-05	0.0534729	1.30785	1.30785	0.304965	1.13881	1.13881	0.507935	1.08566	1.08566	0.990971	0.998616	-1.00139	0.0927808	1.25397	1.25397	0.86233	0.978986	-1.02147	0.128897	0.818079	-1.22238	1.73E-07	7.18535	7.18535	0.0014717	1.75361	1.75361	34.1111	8.08896	0.210787	1
cg14588738	MIR548Q	0.00407667	0.136882	1.31548	1.31548	0.000409663	0.382749	-2.61268	0.726164	1.06202	1.06202	0.652656	1.08061	1.08061	0.674487	0.930266	-1.07496	0.670256	1.07605	1.07605	0.00861397	1.77405	1.77405	0.0321116	1.53661	1.53661	0.0248581	0.633196	-1.57929	7.80766	3.62103	0.412249	1
cg14048837	MIR548Q;ZNF462	0.020805	0.17149	0.814299	-1.22805	0.0221141	1.47285	1.47285	0.0409873	1.39487	1.39487	0.104324	1.28473	1.28473	0.00527312	0.595086	-1.68043	0.339087	1.14917	1.14917	0.291452	1.16703	1.16703	0.136473	1.25405	1.25405	0.731274	0.952518	-1.04985	4.64178	1.46381	0.280315	1
cg16530970	MIR549;KIAA1199	0.0104232	0.775536	1.07038	1.07038	0.00206173	0.356118	-2.80806	0.123048	1.48803	1.48803	0.715491	1.09099	1.09099	0.0149919	0.490933	-2.03694	0.224771	0.738347	-1.35438	0.00306221	0.381068	-2.6242	0.501431	0.85017	-1.17623	0.0550397	0.595991	-1.67788	5.83266	5.22807	0.79675	1
cg06177754	MIR550-2	0.0176295	0.0111553	0.247838	-4.0349	0.00729643	0.219302	-4.55992	0.0256857	0.312833	-3.19659	0.0350147	0.340535	-2.93656	0.00966598	0.237893	-4.20357	0.0446052	0.363765	-2.74903	0.0096953	0.2381	-4.19991	0.0276358	0.319183	-3.13299	0.075675	0.420172	-2.37998	4.90931	14.9529	2.70741	1
cg02944761	MIR550-2	0.0347462	0.0203024	0.259098	-3.85954	0.00571714	0.173929	-5.74947	0.0296224	0.290526	-3.44204	0.10244	0.422042	-2.36943	0.0181048	0.250185	-3.99704	0.0421664	0.323048	-3.09551	0.0801964	0.391835	-2.55209	0.043765	0.326672	-3.06117	0.193856	0.515011	-1.94171	3.87732	14.3084	3.28024	1
cg18375960	MIR553;RTCD1;RTCD1	0.000278599	0.0729697	0.694998	-1.43885	0.435223	1.15585	1.15585	0.298726	1.21647	1.21647	0.0466538	0.660708	-1.51353	0.000414397	0.360871	-2.77107	1.56E-05	0.197018	-5.07568	0.984277	0.996421	-1.00359	0.884567	1.02678	1.02678	0.000314059	0.345548	-2.89395	16.7864	8.79929	0.465947	1
cg04436701	MIR557	0.0123552	0.75541	1.05719	1.05719	0.990452	0.997873	-1.00213	0.385274	0.853498	-1.17165	0.352132	1.18579	1.18579	0.00205701	0.46177	-2.16558	0.0404104	0.656192	-1.52394	0.00353422	2.02135	2.02135	0.496963	0.884496	-1.13059	0.787881	1.04917	1.04917	5.52093	2.7694	0.445882	1
cg09900152	MIR557	0.0445984	0.18262	0.444885	-2.24777	0.172556	2.29643	2.29643	0.614402	0.747583	-1.33764	0.0852089	0.336293	-2.9736	0.245425	0.498709	-2.00518	0.711489	1.23707	1.23707	0.00247576	0.089876	-11.1264	0.449798	1.55428	1.55428	0.116869	0.376983	-2.65264	3.53737	18.3725	4.61674	1
cg10285618	MIR559;EPCAM	0.0303539	0.14731	0.486113	-2.05714	0.225005	0.553687	-1.80607	0.0569551	0.368147	-2.7163	0.028879	0.302639	-3.30426	0.00598812	0.188931	-5.29295	0.0430687	0.339671	-2.94402	0.00327961	0.155868	-6.41568	0.583099	0.773269	-1.29321	0.186758	0.522468	-1.91399	4.06984	13.87	3.02933	1
cg20512713	MIR563	0.000331843	0.906079	1.02108	1.02108	0.00158464	2.2285	2.2285	0.0404241	1.51936	1.51936	0.367659	0.849146	-1.17765	8.86E-06	0.182154	-5.48987	0.725089	1.06438	1.06438	0.513207	1.12432	1.12432	0.272451	0.817217	-1.22366	0.279476	0.819807	-1.2198	16.0016	7.91368	0.439605	1
cg23023604	MIR563	0.0455069	0.678863	1.18708	1.18708	0.731048	0.867503	-1.15273	0.0407351	0.3779	-2.6462	0.0062241	0.23014	-4.34517	0.216277	0.585075	-1.70918	0.805237	0.903239	-1.10713	0.0480005	0.394105	-2.5374	0.160088	1.85571	1.85571	0.0495044	0.397227	-2.51746	3.51076	9.43522	2.3889	1
cg06606539	MIR572	0.00754675	0.00188329	0.100833	-9.91737	0.00273092	0.116032	-8.61831	0.257374	0.540411	-1.85044	0.736566	0.838793	-1.19219	0.112815	0.407116	-2.4563	0.0450843	0.302052	-3.31069	0.00247153	0.111785	-8.94571	0.388734	1.58394	1.58394	0.0300404	0.264824	-3.77609	6.46141	27.7411	3.81631	1
cg18363417	MIR573	0.0157442	0.00322362	0.389108	-2.56998	0.136879	0.686379	-1.45692	0.60949	0.886043	-1.12861	0.834296	0.951994	-1.05043	0.00133506	0.334432	-2.99015	0.922855	1.02301	1.02301	0.145689	1.44321	1.44321	0.550485	0.867739	-1.15242	0.131458	0.682205	-1.46584	5.09823	4.4535	0.776478	1
cg00818473	MIR574;FAM114A1	0.028999	0.190129	1.7727	1.7727	0.041859	2.63183	2.63183	0.485851	1.33933	1.33933	0.224623	1.6926	1.6926	0.52581	1.30373	1.30373	0.10388	2.08276	2.08276	0.00199875	0.165297	-6.04971	0.821949	0.911198	-1.09746	0.8264	1.09486	1.09486	4.13628	11.1513	2.39642	1
cg10387769	MIR574;FAM114A1	0.029419	0.00541709	2.13132	2.13132	0.647645	0.909245	-1.09981	0.540461	1.13669	1.13669	0.0545222	1.56987	1.56987	0.552748	0.883232	-1.1322	0.15247	1.37284	1.37284	0.0786611	0.667775	-1.49751	0.722643	0.928966	-1.07647	0.0141525	1.87001	1.87001	4.11528	2.78617	0.601805	1
cg05270082	MIR578;CPE	0.00363114	0.437229	1.10979	1.10979	0.0208513	0.69382	-1.4413	0.999636	0.99994	-1.00006	0.951729	1.00799	1.00799	0.172918	1.21002	1.21002	0.417032	1.11518	1.11518	8.34E-05	2.53641	2.53641	0.159453	0.820683	-1.2185	0.615642	1.0688	1.0688	8.08424	2.21205	0.243223	1
cg26171815	MIR580;LMBRD2	0.00342675	0.00102724	0.227892	-4.38805	0.0894289	0.565962	-1.7669	0.0581509	0.52159	-1.91721	0.0194468	0.423699	-2.36017	0.00300421	0.290303	-3.44468	0.00773559	0.353491	-2.82893	0.00181391	0.259796	-3.84917	0.741647	1.10579	1.10579	0.00311801	0.292636	-3.41722	8.22568	12.037	1.30074	1
cg00567211	MIR583	0.000151621	0.00154075	0.299735	-3.33628	0.000773495	0.260321	-3.84141	0.00576542	0.384116	-2.60338	0.248155	1.37615	1.37615	0.000442691	0.23064	-4.33576	4.09E-05	0.126284	-7.91866	4.07E-05	0.126068	-7.93222	0.799669	1.06957	1.06957	0.0408228	0.535578	-1.86714	19.7995	21.9328	0.984667	1
cg09753632	MIR583	0.00029557	0.000920187	0.295564	-3.38337	0.0013909	0.319669	-3.12824	0.0523336	0.580865	-1.72157	0.802195	0.94008	-1.06374	0.000142169	0.198847	-5.02899	1.81E-05	0.115909	-8.62747	0.334077	0.782508	-1.27794	0.696474	0.908007	-1.10131	0.00881902	0.44005	-2.27247	16.5172	15.8528	0.853133	1
cg24185852	MIR585;SLIT3	0.00891006	0.155549	0.666152	-1.50116	0.557106	0.853215	-1.17204	0.00567329	0.37906	-2.6381	0.00707848	0.394425	-2.53534	0.388826	0.789709	-1.26629	0.08439	0.600292	-1.66586	0.00229127	0.319926	-3.12572	0.0033438	0.343859	-2.90817	?	?	?	6.25617	6.29407	1.00606	1
cg06747087	MIR595;PTPRN2;PTPRN2;PTPRN2	0.0116361	0.236932	0.853944	-1.17104	0.00646623	0.636895	-1.57012	0.0290614	0.7205	-1.38792	0.496032	0.915693	-1.09207	0.150853	0.821871	-1.21674	0.0426129	1.34641	1.34641	0.0415192	1.34919	1.34919	0.0300882	0.722494	-1.38409	0.021641	0.703719	-1.42102	5.62939	1.44757	0.228573	1
cg22461390	MIR596	0.000326132	0.00391798	0.572836	-1.7457	0.0411034	0.713055	-1.40242	0.202053	0.824236	-1.21325	0.00723502	0.608162	-1.6443	5.22E-06	0.226704	-4.41103	0.0266517	0.685951	-1.45783	0.076887	1.32619	1.32619	0.54654	0.916161	-1.09151	0.190851	0.819744	-1.21989	16.078	5.24377	0.289907	1
cg11539066	MIR596	0.00699772	0.2165	0.701552	-1.42541	0.0962667	0.607883	-1.64505	0.387306	1.27318	1.27318	0.827939	1.06112	1.06112	0.191073	0.68571	-1.45834	0.739848	0.913177	-1.09508	0.000415819	4.60053	4.60053	0.00683707	2.59824	2.59824	0.307546	1.3336	1.3336	6.61579	7.78358	1.04579	1
cg20113820	MIR596	0.0250475	0.0708294	2.23342	2.23342	0.00626348	4.12872	4.12872	0.375856	1.43589	1.43589	0.426823	1.38125	1.38125	0.0258965	2.86577	2.86577	0.0150441	3.28576	3.28576	0.00451815	4.51025	4.51025	0.032652	2.70521	2.70521	0.446064	1.36233	1.36233	4.35436	10.9284	2.23091	1
cg17937101	MIR596	0.036062	0.162266	2.5462	2.5462	0.00700323	8.88497	8.88497	0.242915	2.14993	2.14993	0.441001	1.63586	1.63586	0.0760289	3.44417	3.44417	0.0319978	4.8251	4.8251	0.00501025	10.2359	10.2359	0.0319005	4.83084	4.83084	0.867455	1.1103	1.1103	3.82544	23.7715	5.52361	1
cg06742077	MIR596	0.0399749	0.515635	0.857481	-1.16621	0.00325828	2.54905	2.54905	0.107296	1.50685	1.50685	0.581986	0.878373	-1.13847	0.800982	1.06069	1.06069	0.206443	1.36456	1.36456	0.0340583	1.78068	1.78068	0.112222	1.49687	1.49687	0.215825	0.737976	-1.35506	3.68399	3.17448	0.765953	1
cg06032483	MIR597;TNKS	0.00171539	0.000617753	0.334239	-2.99187	0.429103	0.845481	-1.18276	0.228199	0.768744	-1.30082	0.0681371	1.52921	1.52921	0.000176878	0.266648	-3.75027	0.0487598	1.5968	1.5968	0.317398	1.23975	1.23975	0.30668	0.802473	-1.24615	0.794951	0.947284	-1.05565	10.0814	6.90378	0.608712	1
cg14201324	MIR598;XKR6	0.00035936	0.0972021	0.720209	-1.38849	0.0163714	0.589131	-1.69742	0.000100751	0.288514	-3.46604	0.819052	1.04218	1.04218	1.50E-05	0.198093	-5.04815	0.015771	0.586606	-1.70472	0.583126	1.10511	1.10511	0.852869	1.03404	1.03404	0.193906	0.780482	-1.28126	15.6553	8.06141	0.457718	1
cg13930811	MIR600;C9orf45	0.0169221	0.520442	1.5765	1.5765	0.00390076	15.1067	15.1067	0.00257599	18.5401	18.5401	0.0891401	3.70609	3.70609	0.902744	1.08918	1.08918	0.897467	1.09427	1.09427	0.747383	0.797862	-1.25335	0.00884762	10.2632	10.2632	0.0684205	4.16011	4.16011	4.97712	38.4888	6.87391	1
cg00424588	MIR601;DENND1A;DENND1A	0.0124477	0.00464681	0.779196	-1.28337	0.152256	1.10697	1.10697	0.0439074	0.85773	-1.16587	0.0316495	0.846232	-1.18171	0.497283	0.955358	-1.04673	0.00915485	1.24527	1.24527	0.962315	0.996874	-1.00314	0.0552636	0.865888	-1.15488	0.451813	0.950468	-1.05211	5.50755	0.383085	0.0618279	1
cg11198094	MIR602	0.00431847	0.09092	1.22487	1.22487	0.0210271	0.739101	-1.353	0.114386	0.829417	-1.20567	0.0983916	1.21825	1.21825	0.000882373	1.72094	1.72094	0.00557761	1.48659	1.48659	0.0308745	1.31796	1.31796	0.313047	1.12036	1.12036	0.285022	0.886079	-1.12857	7.67288	1.44156	0.167002	1
cg12242373	MIR609;C10orf79	5.96E-06	0.000189404	0.299848	-3.33503	0.0494407	0.651108	-1.53584	2.93E-05	0.208461	-4.79706	0.060113	0.666413	-1.50057	4.33E-06	0.131482	-7.60558	0.00222562	0.440464	-2.27033	2.74E-07	0.05464	-18.3016	0.733032	1.06772	1.06772	0.000121694	0.276892	-3.61151	46.3943	26.9119	0.515618	1
cg03775802	MIR609;C10orf79	0.000399074	0.000216863	0.112693	-8.87364	0.00166607	0.203679	-4.90969	0.0101309	0.31738	-3.1508	0.00014567	0.0989292	-10.1082	0.000236328	0.115828	-8.6335	0.00166543	0.203658	-4.91019	0.000904329	0.172618	-5.79314	0.234061	0.643154	-1.55484	0.00486961	0.266957	-3.74593	15.2099	30.1556	1.76234	1
cg00990350	MIR609;C10orf79	0.00102203	0.00287774	0.307932	-3.24748	0.00193101	0.283429	-3.52822	0.0560418	0.536964	-1.86232	0.000166422	0.15839	-6.31355	0.00101708	0.246568	-4.05568	0.0252243	0.465502	-2.14822	0.000371969	0.194726	-5.13543	0.203524	0.680026	-1.47053	0.0187313	0.441082	-2.26715	11.694	15.2894	1.16218	1
cg23130731	MIR609;C10orf79	0.00967737	0.234964	0.618251	-1.61747	0.724633	1.1464	1.1464	0.1218	0.523152	-1.91149	0.051196	0.424134	-2.35774	0.118888	0.520043	-1.92292	0.346304	0.687536	-1.45447	0.000145529	0.0799764	-12.5037	0.73534	1.14004	1.14004	0.193243	0.587524	-1.70206	5.97286	14.1155	2.10068	1
cg16150798	MIR611;C11orf10;FEN1	0.0196259	0.322092	1.25478	1.25478	0.0101999	2.05186	2.05186	0.119829	1.45421	1.45421	0.484166	1.17088	1.17088	0.206383	0.743992	-1.3441	0.374232	0.816786	-1.22431	0.991957	1.00224	1.00224	0.00222807	0.386566	-2.58688	0.657954	1.10392	1.10392	4.73482	3.69197	0.69311	1
cg02005336	MIR611;C11orf10;FEN1	0.0286431	0.00359359	0.625805	-1.59794	0.780081	1.03218	1.03218	0.675444	1.04883	1.04883	0.151278	0.838765	-1.19223	0.75653	1.03583	1.03583	0.032791	0.748549	-1.33592	0.0208149	0.723122	-1.38289	0.49865	1.08099	1.08099	0.142044	1.19791	1.19791	4.58071	0.908861	0.154319	1
cg05363534	MIR612	0.000211635	0.0135225	0.621717	-1.60845	0.617044	0.924607	-1.08154	0.00874774	0.594937	-1.68085	0.018635	0.641814	-1.55808	3.27E-05	0.285082	-3.50776	0.00142998	0.488176	-2.04844	0.417545	0.879138	-1.13748	0.00053663	2.31042	2.31042	0.00158126	0.493946	-2.02451	18.0915	6.92698	0.340344	1
cg21144158	MIR612	0.00548684	0.691255	1.09809	1.09809	0.142652	0.691179	-1.4468	0.00185931	2.8154	2.8154	0.432529	0.828822	-1.20653	0.00135697	0.33611	-2.97522	0.803939	1.06004	1.06004	0.240642	0.749799	-1.33369	0.299391	1.28672	1.28672	0.0166971	0.504154	-1.98352	7.1328	6.20679	0.77349	1
cg04238983	MIR612	0.0120451	0.253277	0.755349	-1.32389	0.573268	0.874735	-1.1432	0.0127631	0.483094	-2.06999	0.0161485	0.500531	-1.99788	0.00801012	0.449753	-2.22344	0.0680332	0.618432	-1.61699	0.956331	1.01296	1.01296	0.600945	1.13213	1.13213	0.0010687	0.32082	-3.11702	5.56672	4.8753	0.778484	1
cg08411094	MIR613;APOLD1	0.0167868	0.848575	0.959164	-1.04257	0.00288331	0.409072	-2.44456	0.148501	0.71318	-1.40217	0.936386	0.98274	-1.01756	0.426407	1.19379	1.19379	0.789489	0.943307	-1.0601	0.00362567	2.35991	2.35991	0.926508	1.02033	1.02033	0.110382	0.684215	-1.46153	4.9905	3.76013	0.669741	1
cg07236884	MIR614	0.0325697	0.794207	0.908443	-1.10078	0.986114	0.993628	-1.00641	0.0943644	0.508921	-1.96494	0.0393562	0.416616	-2.40029	0.00294569	0.223188	-4.48053	0.124412	0.542758	-1.84244	0.113174	0.530862	-1.88373	0.00718056	0.279484	-3.57803	0.111892	0.529453	-1.88874	3.96871	8.48067	1.89945	1
cg19685229	MIR620;MED13L	0.0034855	0.00586049	0.320881	-3.11642	0.761661	0.908584	-1.10061	0.421604	0.772037	-1.29527	0.423163	0.772736	-1.2941	9.03E-05	0.110075	-9.0847	0.44281	0.781449	-1.27967	0.0481128	0.490707	-2.03787	0.469622	0.793073	-1.26092	0.00375015	0.291362	-3.43216	8.18397	12.8733	1.39822	1
cg18087803	MIR620;MED13L	0.0347271	0.0290313	0.235015	-4.25505	0.43891	0.641289	-1.55936	0.44451	1.55061	1.55061	0.569213	0.723438	-1.38229	0.00801913	0.147816	-6.76518	0.197014	0.464158	-2.15444	0.0178695	0.197905	-5.05294	0.724151	1.22067	1.22067	0.0122614	0.172797	-5.78713	3.8781	19.4507	4.45825	1
cg09230679	MIR620;MED13L	0.0448146	0.0453396	0.358867	-2.78655	0.157893	1.96204	1.96204	0.276515	1.65738	1.65738	0.241943	0.578855	-1.72755	0.0284009	0.315125	-3.17335	0.486988	0.729604	-1.37061	0.0787709	0.41836	-2.39028	0.631473	1.24076	1.24076	0.0128882	0.252021	-3.96793	3.53098	11.1429	2.8051	1
cg22233082	MIR627;VPS39	0.000272855	0.00396487	0.698665	-1.4313	0.00100165	1.57164	1.57164	0.00737645	1.37652	1.37652	0.230075	1.12361	1.12361	0.0258402	1.27751	1.27751	3.58E-05	0.478248	-2.09097	0.490389	0.937217	-1.06699	0.313693	1.10125	1.10125	0.0706796	0.829489	-1.20556	16.8822	2.29044	0.120597	1
cg20070464	MIR628;CCPG1;CCPG1	0.0379829	0.0145825	0.448982	-2.22726	0.0620421	0.57163	-1.74938	0.0073828	0.398953	-2.50656	0.613428	0.873191	-1.14523	0.0382748	0.527749	-1.89484	0.453895	1.22517	1.22517	0.683312	0.896569	-1.11536	0.974737	0.991606	-1.00846	0.026062	0.495122	-2.01971	3.75376	4.21252	0.997524	1
cg08963258	MIR635;WIPI1	0.00135559	0.147543	0.816462	-1.2248	0.0046356	1.63474	1.63474	0.00116632	0.536835	-1.86277	0.193947	1.19643	1.19643	0.000299624	0.464146	-2.15449	0.0668792	1.30743	1.30743	0.179434	1.20452	1.20452	0.615412	1.06833	1.06833	0.684479	1.05476	1.05476	10.7888	2.90956	0.239717	1
cg07043025	MIR635;WIPI1	0.00142793	0.00199931	0.215145	-4.64802	0.00261027	0.230307	-4.34203	0.00114756	0.185759	-5.38333	0.937159	1.02816	1.02816	0.000686497	0.161062	-6.20878	0.214265	1.58486	1.58486	0.0706055	0.490863	-2.03723	0.040866	0.435492	-2.29625	0.00144418	0.197579	-5.06127	10.6291	20.8801	1.74617	1
cg17205803	MIR636;MFSD11;SFRS2;SFRS2	0.000687106	1.52E-05	0.195461	-5.1161	0.775388	0.949214	-1.0535	0.602895	0.908804	-1.10035	0.555679	1.1147	1.1147	0.00497819	0.507982	-1.96857	0.776995	0.94958	-1.0531	0.374069	0.84685	-1.18085	0.0132444	1.74951	1.74951	0.541899	1.11906	1.11906	13.0789	6.87564	0.467294	1
cg19125323	MIR636;SFRS2;MFSD11	0.000146572	1.70E-05	0.2969	-3.36814	0.071775	1.31874	1.31874	0.163591	1.22707	1.22707	?	?	?	0.00652762	1.62651	1.62651	0.0309861	0.705694	-1.41704	0.000191	0.42098	-2.37541	0.0312743	0.706255	-1.41592	0.897612	0.982437	-1.01788	20.4865	5.46339	0.266683	1
cg05482832	MIR636;SFRS2;MFSD11	0.00602846	0.13777	2.31771	2.31771	0.000113664	0.0207126	-48.2798	0.173325	0.467401	-2.13949	0.648086	0.787272	-1.27021	0.712754	0.82498	-1.21215	0.273743	1.81452	1.81452	0.217141	0.506383	-1.97479	0.248567	0.53184	-1.88026	0.539483	0.723529	-1.38211	7.99432	33.5086	3.2601	1
cg00819114	MIR636;SFRS2;MFSD11	0.0149898	?	?	?	0.0221114	2.88368	2.88368	0.122349	1.82389	1.82389	0.0342541	0.392809	-2.54577	?	?	?	0.0458026	0.425234	-2.35164	0.213593	1.58546	1.58546	?	?	?	0.0100232	3.683	3.683	8.87355	9.94164	0.93364	1
cg03570858	MIR636;SFRS2;MFSD11	0.0193945	0.702953	0.910138	-1.09873	0.00276304	0.343391	-2.91213	0.580278	1.14726	1.14726	0.00258751	0.338941	-2.95036	0.251618	0.743704	-1.34462	0.0167716	0.477076	-2.0961	0.315663	0.774073	-1.29187	0.56026	0.865123	-1.15591	0.654287	1.11718	1.11718	5.30093	4.95662	0.727259	1
cg01055610	MIR636;SFRS2;MFSD11	0.0224156	0.0406459	5.69741	5.69741	0.995371	1.00406	1.00406	0.360365	1.93968	1.93968	0.505955	1.60519	1.60519	0.0239567	0.134178	-7.45278	?	?	?	0.00334121	23.1532	23.1532	0.0376023	5.92344	5.92344	0.581091	1.47721	1.47721	5.85966	38.2276	4.8929	1
cg25538649	MIR636;SFRS2;MFSD11	0.0333095	0.362545	1.26068	1.26068	0.0768986	1.62735	1.62735	0.0401036	1.79887	1.79887	0.342457	1.27393	1.27393	0.614844	1.13381	1.13381	0.0498012	0.574723	-1.73997	0.00779471	0.429304	-2.32935	0.263866	1.33415	1.33415	0.496551	0.84292	-1.18635	3.93682	3.82042	0.862606	1
cg25333216	MIR636;SFRS2;MFSD11	0.0451744	0.142658	0.576003	-1.7361	0.0332802	0.380763	-2.62631	0.0245598	0.344853	-2.89979	0.170511	0.603263	-1.65765	0.83297	0.934108	-1.07054	0.239393	1.51938	1.51938	0.0581328	0.45075	-2.21852	0.0330449	2.63223	2.63223	0.147637	1.72066	1.72066	6.36445	9.1141	0.636459	1
cg09402652	MIR637;DAPK3	8.07E-05	0.00411651	0.76944	-1.29965	0.000134554	0.637353	-1.56899	0.033851	0.844735	-1.1838	0.0220332	0.829412	-1.20567	1.30E-06	0.429211	-2.32985	0.0570773	0.86362	-1.15792	0.748933	0.978368	-1.02211	0.0635311	0.867546	-1.15268	0.0020088	0.743131	-1.34566	23.4446	1.72231	0.0653004	1
cg09590897	MIR637;DAPK3	0.000935802	0.00038299	0.326206	-3.06555	0.889971	0.973021	-1.02773	0.00195255	0.420875	-2.376	0.496185	1.14628	1.14628	0.716342	0.930437	-1.07476	0.00203677	0.423459	-2.36151	0.000286403	0.310351	-3.22215	0.193737	0.762083	-1.31219	0.00141897	0.40156	-2.49029	11.9897	7.41339	0.549609	1
cg23953773	MIR637;DAPK3	0.00184952	0.00356594	0.658283	-1.5191	0.121288	1.19471	1.19471	?	?	?	0.520854	0.933403	-1.07135	0.0882953	0.819414	-1.22038	0.611331	0.947174	-1.05577	0.00021702	0.520296	-1.92198	0.00607926	0.684307	-1.46133	0.00323155	0.653479	-1.53027	10.0904	1.59313	0.157885	1
cg24943002	MIR637;DAPK3	0.0042475	0.44401	1.14582	1.14582	0.89033	1.02436	1.02436	0.044913	0.669326	-1.49404	0.00277284	2.05382	2.05382	0.043956	0.667766	-1.49753	0.724623	0.940168	-1.06364	0.956912	0.99062	-1.00947	0.000417291	2.65437	2.65437	0.23774	1.24077	1.24077	7.71144	3.71599	0.428338	1
cg21887303	MIR637;DAPK3	0.00688999	0.00178054	0.617652	-1.61904	0.0277472	0.754411	-1.32554	0.515866	1.07397	1.07397	0.976633	1.00318	1.00318	0.0255518	0.750205	-1.33297	0.0096285	0.701191	-1.42614	0.0082289	0.693391	-1.44219	0.0613885	1.25647	1.25647	0.913772	1.0118	1.0118	6.64786	1.23549	0.165198	1
cg06494105	MIR637;DAPK3	0.0205744	0.460717	0.843976	-1.18487	0.390786	1.21971	1.21971	0.0507486	0.604865	-1.65326	0.00321335	0.403206	-2.48012	0.00180188	0.366897	-2.72556	0.757744	0.932504	-1.07238	0.409198	0.82642	-1.21004	0.815802	1.05412	1.05412	0.805407	0.945774	-1.05733	4.65945	3.76484	0.718224	1
cg22771960	MIR637;DAPK3	0.0307336	0.905349	1.04399	1.04399	0.512624	0.786363	-1.27168	0.329091	0.69451	-1.43986	0.119935	0.543031	-1.84152	0.0144815	0.336086	-2.97543	0.0249357	0.380679	-2.62688	0.00427539	0.250745	-3.98811	0.0963772	0.516471	-1.93622	0.0121465	0.322604	-3.09978	4.05187	8.40602	1.84409	1
cg18355533	MIR637;DAPK3	0.0408744	0.112295	0.693626	-1.4417	0.00103775	0.357807	-2.7948	0.0507866	0.624464	-1.60137	0.3358	0.810584	-1.23368	0.24314	0.772268	-1.29489	0.949913	1.01338	1.01338	0.225176	0.763735	-1.30935	0.692398	1.08777	1.08777	0.246475	0.773804	-1.29232	3.65388	2.59077	0.630263	1
cg17165284	MIR638;DNM2;DNM2;DNM2;DNM2	0.000262545	0.132787	0.804303	-1.24331	0.267107	1.16794	1.16794	0.0391087	1.37795	1.37795	1.03E-05	0.281283	-3.55514	0.00151768	0.541595	-1.8464	0.0195814	1.46046	1.46046	0.913842	1.01464	1.01464	0.0775683	1.30137	1.30137	0.46339	1.10541	1.10541	17.0607	4.87157	0.253817	1
cg15334028	MIR638;DNM2;DNM2;DNM2;DNM2	0.00172916	0.815886	0.956895	-1.04505	0.312187	1.21836	1.21836	0.556699	1.11885	1.11885	0.125022	0.73074	-1.36848	0.000111736	0.277151	-3.60815	0.01951	1.70457	1.70457	0.0164028	1.7404	1.7404	0.0638427	1.48223	1.48223	0.0378792	1.57588	1.57588	10.0581	5.68513	0.502424	1
cg06905901	MIR639;TECR	0.000204281	1.37E-05	0.215222	-4.64636	0.179824	1.27227	1.27227	0.667521	1.07578	1.07578	0.24397	1.22882	1.22882	0.000246071	0.359244	-2.78363	0.22739	0.807184	-1.23888	0.656124	1.0787	1.0787	0.869723	0.972635	-1.02813	0.000317535	0.373175	-2.67971	18.2659	8.26601	0.402255	1
cg11581046	MIR639;TECR	0.001951	0.00038302	0.507296	-1.97124	0.291425	1.14002	1.14002	0.202215	1.17489	1.17489	0.000496506	0.520774	-1.92022	0.7737	1.03511	1.03511	0.0921019	0.800954	-1.24851	0.0822913	0.794208	-1.25912	0.274771	0.872824	-1.14571	0.0269413	1.36838	1.36838	9.7118	2.204	0.201725	1
cg12846936	MIR639;TECR	0.0401138	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13602484	MIR642;GIPR	2.30E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13652372	MIR642;GIPR	3.84E-05	0.237482	0.700367	-1.42782	0.0822157	1.17904	1.17904	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00283662	MIR642;GIPR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02452310	MIR642;GIPR	0.0100702	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02869289	MIR642;GIPR	0.0372519	0.0207733	0.293615	-3.40582	0.69843	0.842471	-1.18698	1.11021	0.465607	-2.14774	0.131738	0.488535	-2.04694	0.00436603	0.187039	-5.34647	0.0913278	0.441006	-2.26754	0.0093616	0.234364	-4.26687	0.0542556	0.382231	-2.61622	0.369352	0.666367	-1.50067	7.8105	11.6067	2.72902	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01010298	MIR651	0.00848873	0.652893	1.13764	1.13764	0.00968792	0.393661	-2.54026	0.0183976	0.442764	-2.25854	0.0517501	0.532293	-1.87867	0.00158509	0.274822	-3.63872
cg21882238	MIR654;MIR300;MIR376A1;MIR376B	0.000155705	0.3291	1.09199	1.09199	0.0642275	1.19924	1.19924	0.0133571	0.765091	-1.30703	0.254938	1.10944	1.10944	0.423786	1.07399	1.07399
cg14037354	MIR654;MIR376B;MIR376A1;MIR376A2;MIR376C	0.000110082	0.00667289	0.711545	-1.40539	0.0608781	0.815225	-1.22666	3.30E-06	0.345592	-2.89358	0.797204	1.02521	1.02521	0.0141006	1.34039	1.34039
cg20084852	MIR654;MIR376B;MIR376A1;MIR376A2;MIR376C	0.0272061	0.470871	0.878843	-1.13786	0.586588	0.907851	-1.1015	0.0461366	0.668769	-1.49529	0.88037	1.02687	1.02687	0.00150161	2.23788	2.23788
cg02047319	MIR654;MIR376C;MIR376A2	0.0258336	0.000590323	0.169106	-5.91345	0.116629	1.76983	1.76983	0.15924	0.604265	-1.6549	0.884372	1.04993	1.04993	0.673014	1.15273	1.15273
cg11116300	MIR655	0.0147555	0.721495	0.913894	-1.09422	0.00786756	2.35795	2.35795	0.0551106	0.578653	-1.72815	0.382282	1.25283	1.25283	0.672822	0.898664	-1.11276
cg22971028	MIR655	0.017845	0.523988	0.83288	-1.20065	0.000562828	0.220021	-4.54502	0.00422901	0.338084	-2.95785	0.570173	0.850021	-1.17644	0.307953	0.741681	-1.34829
cg11005998	MIR655	0.0482677	0.505111	0.817797	-1.2228	0.00405236	0.31733	-3.1513	0.0276571	0.460989	-2.16925	0.794177	1.08087	1.08087	0.522154	0.824531	-1.21281
cg04223832	MIR655	0.0491572	0.746941	1.07973	1.07973	0.0139364	2.05377	2.05377	0.43177	0.826865	-1.20939	0.67277	1.1059	1.1059	0.368068	1.24491	1.24491
cg16695570	MIR656	0.000424488	0.367792	1.15637	1.15637	0.000133346	2.82927	2.82927	0.000308912	2.50823	2.50823	0.606451	1.08503	1.08503	0.0896947	1.34153	1.34153
cg04563422	MIR656	0.00251013	0.475617	1.09467	1.09467	0.00270561	1.6764	1.6764	0.253167	1.16045	1.16045	0.0276957	1.38338	1.38338	0.0110256	1.48822	1.48822
cg10529599	MIR656	0.00275104	0.675292	1.08118	1.08118	0.000140413	0.295872	-3.37984	0.0270996	0.615857	-1.62375	0.0591017	0.673779	-1.48417	0.0461998	1.52683	1.52683
cg04578631	MIR656	0.00374467	0.653679	1.0891	1.0891	0.00151573	0.421753	-2.37105	0.00914666	0.534899	-1.86951	0.784914	0.949611	-1.05306	0.122525	0.728865	-1.372
cg06889454	MIR656	0.00393591	0.585957	0.907612	-1.10179	0.000142756	3.17632	3.17632	0.00130302	2.28244	2.28244	0.309273	1.20376	1.20376	0.0371974	1.53159	1.53159
cg16796899	MIR656	0.0112779	0.322951	0.847885	-1.17941	0.128585	0.766842	-1.30405	0.139323	1.29323	1.29323	0.00442391	0.541215	-1.8477	0.227265	0.814752	-1.22737
cg06332842	MIR657;AATK;MIR338	0.0327343	0.0338549	7.27431	7.27431	0.00904633	14.2604	14.2604	0.58421	1.55683	1.55683	0.194663	3.00079	3.00079	0.0606292	5.44298	5.44298
cg26068527	MIR657;AATK;MIR338	0.0463585	0.0315782	2.88447	2.88447	0.683923	1.18769	1.18769	0.344564	0.664226	-1.50551	0.261478	1.63576	1.63576	0.104335	2.10887	2.10887
cg23176214	MIR657;AATK;MIR338	0.0496262	0.0255989	8.22931	8.22931	0.0404502	6.55958	6.55958	0.41699	1.93333	1.93333	0.155365	3.34792	3.34792	0.0852936	4.5354	4.5354
cg10726463	MIR659	0.00346935	0.0398039	0.227099	-4.40337	0.000577185	0.0360876	-27.7104	0.00897943	0.125885	-7.94376	0.770172	0.833005	-1.20047	0.00234867	0.0708048	-14.1233
cg00565075	MIR659;EIF3L	0.0488952	0.099851	0.510449	-1.95906	0.0142867	3.08551	3.08551	0.268088	1.53754	1.53754	0.75143	0.888249	-1.12581	0.1467	0.559413	-1.78759
cg26775123	MIR662;MSLNL	0.0409901	0.945961	1.01618	1.01618	0.0273792	0.539051	-1.85511	0.0484939	0.586439	-1.70521	0.370856	1.24304	1.24304	0.843305	0.954223	-1.04797
cg27138951	MIR663	2.59E-05	0.0066169	0.550709	-1.81584	0.00171767	0.468969	-2.13234	0.975274	0.994769	-1.00526	0.30606	0.835828	-1.19642	1.83E-06	0.134066	-7.45903
cg17796010	MIR663	2.87E-05	0.00973022	1.4967	1.4967	0.00179279	0.578164	-1.72961	0.000627521	1.91239	1.91239	0.00190561	1.72003	1.72003	0.000111692	0.432707	-2.31103
cg06007966	MIR663	6.28E-05	0.00256112	2.38673	2.38673	0.00628402	0.476949	-2.09666	0.364725	1.21373	1.21373	0.00131804	2.6432	2.6432	0.0578083	0.640127	-1.56219
cg08304190	MIR663	0.00240598	0.0150017	3.07685	3.07685	0.869488	0.940062	-1.06376	0.387936	1.3946	1.3946	0.920737	1.03812	1.03812	0.847417	0.930154	-1.07509
cg03940098	MIR663	0.00462211	0.507447	0.861894	-1.16024	0.489472	1.16786	1.16786	0.000204948	3.95526	3.95526	0.282802	0.78141	-1.27974	0.512923	1.15796	1.15796
cg01521987	MIR663	0.0107714	0.14801	3.49771	3.49771	0.961974	1.03878	1.03878	0.00770219	17.2168	17.2168	0.286794	2.42999	2.42999	?	?	?
cg14345012	MIR663	0.0173579	0.185358	1.708	1.708	0.203917	1.66707	1.66707	0.152201	1.79429	1.79429	0.298197	1.50836	1.50836	0.559956	1.2519	1.2519
cg18291941	MIR663	0.0332064	0.506258	0.8356	-1.19674	0.642337	1.13265	1.13265	0.0249455	2.03522	2.03522	0.917124	1.02811	1.02811	0.457905	0.817659	-1.223
cg24044238	MIR665;MIR337	0.0283816	0.325627	1.57671	1.57671	0.00516741	5.24059	5.24059	0.075934	2.42565	2.42565	0.174725	1.91098	1.91098	0.711347	1.18146	1.18146
cg07552322	MIR670	0.0297823	0.0398551	0.488313	-2.04787	0.0409934	2.03708	2.03708	0.425245	0.78219	-1.27846	0.02417	0.444423	-2.25011	0.469845	1.24836	1.24836
cg18479961	MIR671;CHPF2	0.00564384	0.547356	0.859864	-1.16297	0.241486	1.35527	1.35527	0.0859571	0.624697	-1.60078	0.0184804	0.492391	-2.03091	0.156027	0.686399	-1.45688
cg09701145	MIR675;H19	5.96E-08	0.189262	0.901825	-1.10886	0.0771994	0.864161	-1.15719	0.713078	0.972929	-1.02782	0.314918	0.925687	-1.08028	6.45E-08	0.257032	-3.89057
cg25437674	MIR675;H19	9.46E-05	0.183738	0.815069	-1.22689	0.154959	0.801963	-1.24694	0.000956033	0.4899	-2.04123	0.195983	0.820154	-1.21928	3.59E-05	0.315067	-3.17392
cg02054724	MIR7-2	0.0302608	0.136153	0.441445	-2.26529	0.00249115	0.117642	-8.50038	0.0104952	0.193982	-5.15512	0.906308	1.06179	1.06179	0.0196594	0.238099	-4.19993
cg02479575	MIR7-3;C19orf30	0.000219789	0.0443001	1.251	1.251	0.00256096	1.50002	1.50002	0.0238212	1.29882	1.29882	0.0792527	0.827895	-1.20788	0.0131919	0.742413	-1.34696
cg20893022	MIR7-3;C19orf30	0.0387451	0.0822674	0.622373	-1.60675	0.730905	0.918469	-1.08877	0.462114	1.20251	1.20251	0.832648	1.05351	1.05351	0.150582	0.684169	-1.46163
cg26005082	MIR7-3;C19orf30	0.0495082	0.546447	0.88824	-1.12582	0.157383	1.34124	1.34124	0.150071	1.34932	1.34932	0.73356	1.06859	1.06859	0.133066	0.730025	-1.36982
cg17233829	MIR708;ODZ4	0.00278563	0.030781	0.792091	-1.26248	0.646031	1.04341	1.04341	0.148459	0.867266	-1.15305	0.487001	0.937172	-1.06704	0.0444483	0.808905	-1.23624
cg05473648	MIR708;ODZ4	0.00382976	0.81868	0.971955	-1.02885	0.41858	0.902673	-1.10782	0.197825	1.18367	1.18367	0.125433	1.22808	1.22808	0.00310901	1.65048	1.65048
cg25837979	MIR708;ODZ4	0.033859	0.021085	0.466046	-2.14571	0.132419	0.639621	-1.56343	0.457823	0.812141	-1.23131	0.323046	0.755081	-1.32436	0.370684	0.776471	-1.28788
cg11565377	MIR711;COL7A1	0.00353775	0.155608	0.657291	-1.5214	0.560758	0.850056	-1.17639	0.000209962	0.180468	-5.54114	0.322579	0.754123	-1.32604	0.00125189	0.272092	-3.67523
cg09150212	MIR711;COL7A1	0.0100667	0.358976	1.2642	1.2642	0.854165	0.955298	-1.04679	0.289662	0.760968	-1.31412	0.456548	1.2074	1.2074	0.000272015	0.226923	-4.40678
cg20436810	MIR711;COL7A1	0.0173738	0.708345	1.03452	1.03452	0.0684222	0.831742	-1.2023	0.00815012	0.736513	-1.35775	0.0387996	1.24119	1.24119	0.892972	1.01223	1.01223
cg19219068	MIR711;COL7A1	0.0217702	0.0232075	0.357899	-2.79409	0.308366	1.49067	1.49067	0.0437939	0.415835	-2.4048	0.975602	1.01165	1.01165	0.000851652	0.14988	-6.67201
cg12820006	MIR758;MIR1197;MIR323	0.000446762	0.140669	0.700131	-1.4283	0.100502	1.49887	1.49887	8.52E-05	0.204322	-4.89422	0.062231	0.623642	-1.60348	0.000805202	0.320621	-3.11895
cg16575409	MIR758;MIR1197;MIR329-1;MIR323	0.00106137	0.109467	0.687639	-1.45425	0.151971	1.39006	1.39006	0.262089	0.778068	-1.28523	2.66E-05	0.168358	-5.93974	0.549747	1.13868	1.13868
cg21501241	MIR758;MIR1197;MIR329-1;MIR323	0.00150157	0.481062	1.11302	1.11302	0.00870463	0.606635	-1.64844	0.151951	1.25794	1.25794	7.13E-05	0.338794	-2.95165	0.0716097	0.74025	-1.35089
cg26015115	MIR758;MIR1197;MIR329-1;MIR323	0.0095239	0.00070416	0.36362	-2.75012	0.250364	1.26529	1.26529	0.0164333	0.563063	-1.776	0.548292	1.12637	1.12637	0.639294	1.09689	1.09689
cg16208643	MIR758;MIR329-2;MIR329-1	0.00697761	0.386223	1.15591	1.15591	0.11172	0.753864	-1.3265	0.031885	0.663523	-1.50711	0.436847	1.13812	1.13812	0.94331	0.988467	-1.01167
cg02993630	MIR760	0.00276805	?	?	?	0.0174767	0.267049	-3.74463	0.102863	0.44916	-2.22638	0.0941784	2.28409	2.28409	0.00422962	0.169248	-5.90849
cg03327164	MIR760	0.0117919	0.0669544	2.06248	2.06248	0.954382	0.980036	-1.02037	0.0584144	2.12513	2.12513	0.00230873	0.222931	-4.4857	0.908331	1.04144	1.04144
cg03372467	MIR762;BCL7C	8.45E-05	3.96E-06	0.223327	-4.47773	0.612352	0.93108	-1.07402	0.481914	1.10505	1.10505	0.0155335	0.660501	-1.514	0.00168323	0.533964	-1.87279
cg09041483	MIR762;BCL7C	0.000790671	0.0124276	0.387739	-2.57905	0.987788	1.00467	1.00467	0.0347792	2.1156	2.1156	1.72E-05	0.0683631	-14.6278	0.598082	0.850438	-1.17586
cg02558026	MIR762;BCL7C	0.00473057	0.00375313	0.20956	-4.77189	0.934354	1.03345	1.03345	0.392507	0.704764	-1.41891	0.0480772	0.405568	-2.46568	0.000683802	0.125915	-7.94188
cg08096166	MIR764;HTR2C	0.00891277	0.715266	1.13747	1.13747	0.422733	1.33362	1.33362	0.00826653	0.305029	-3.27838	0.00353625	0.249032	-4.01555	0.00152316	0.20094	-4.9766
cg18586440	MIR769	0.00215167	0.0807006	0.804613	-1.24283	0.166057	0.847252	-1.18029	0.177462	0.851415	-1.17452	0.521339	0.929648	-1.07568	0.237752	1.14889	1.14889
cg21210537	MIR769	0.00682711	0.0139532	0.737005	-1.35684	0.00203111	0.645804	-1.54846	0.343506	0.906588	-1.10304	0.45141	0.92579	-1.08016	0.992275	0.999027	-1.00097
cg01022345	MIR770;MEG3;MEG3;MEG3	0.000383411	0.117371	0.761336	-1.31348	0.0033064	1.89931	1.89931	0.559362	1.09927	1.09927	9.74E-06	0.217512	-4.59745	0.638273	1.07887	1.07887
cg03039990	MIR770;MEG3;MEG3;MEG3	0.000898324	0.0207455	1.7115	1.7115	0.00226362	2.28079	2.28079	0.737816	1.06699	1.06699	0.0326489	1.62014	1.62014	0.000126218	3.6265	3.6265
cg04184179	MIR874;KLHL3	0.0480802	0.0165856	0.30909	-3.2353	0.205722	1.70856	1.70856	0.140842	1.88814	1.88814	0.974425	1.01295	1.01295	0.009846	0.270082	-3.70258
cg10030624	MIR877;ABCF1;ABCF1	0.00572696	0.0106423	0.437834	-2.28397	0.285561	0.751837	-1.33008	0.00517262	0.387001	-2.58397	0.000279923	0.216955	-4.60924	0.504585	0.840182	-1.19022
cg05175213	MIR888	0.000806872	0.692027	1.11277	1.11277	7.15E-05	0.143383	-6.97433	0.000648382	0.24563	-4.07116	0.859003	0.953397	-1.04888	0.000938784	0.265891	-3.76095
cg02044725	MIR889;MIR487B;MIR539	0.0162364	0.355516	0.778603	-1.28435	0.671958	1.11868	1.11868	0.704455	1.10555	1.10555	0.000910074	0.270899	-3.69141	0.472533	1.21215	1.21215
cg18096939	MIR889;MIR539	0.000669116	0.0874038	0.850004	-1.17646	0.016713	1.28605	1.28605	0.0108309	0.759117	-1.31732	0.0209781	0.787277	-1.2702	0.015434	1.29169	1.29169
cg08509270	MIR889;MIR539	0.00388356	0.214023	0.649776	-1.53899	0.0019945	4.21312	4.21312	0.141537	0.593965	-1.6836	0.280166	1.44765	1.44765	0.278282	1.44992	1.44992
cg01651728	MIR890	0.000482047	0.203525	1.5441	1.5441	0.0024725	0.256103	-3.90467	0.0131134	0.369415	-2.70698	0.326773	1.38778	1.38778	0.000501319	0.171756	-5.82222
cg08967287	MIR891A	0.0150212	0.0819793	0.499205	-2.00318	0.00170883	0.199001	-5.0251	0.00621124	0.276346	-3.61865	0.999328	0.999696	-1.0003	0.0640836	0.472306	-2.11727
cg15918587	MIR891B	0.00224337	0.814186	1.06113	1.06113	0.0012724	0.305876	-3.26929	0.0159835	0.475519	-2.10296	0.225846	1.37784	1.37784	0.015054	0.470956	-2.12334
cg27069588	MIR892A	0.000129565	0.214612	1.27372	1.27372	0.876214	0.971545	-1.02929	0.000168295	0.305513	-3.27318	0.398905	1.17344	1.17344	1.12E-05	0.177585	-5.63112
cg07029395	MIR892B;MIR892A	0.00147179	0.151632	0.753533	-1.32708	0.000638544	0.380655	-2.62705	0.000447354	0.36056	-2.77347	0.0715613	1.44867	1.44867	0.149833	0.752458	-1.32898
cg13888600	MIR9-3	0.00268974	0.0313406	0.685525	-1.45874	0.500437	0.902803	-1.10766	0.0239847	1.4957	1.4957	0.686174	0.941079	-1.06261	0.924927	0.986008	-1.01419
cg21529323	MIR9-3	0.00361068	0.0994103	0.746175	-1.34017	0.208074	0.806399	-1.24008	0.0736569	0.723772	-1.38165	0.724096	1.05914	1.05914	0.0127332	0.605429	-1.65172
cg12530503	MIR9-3	0.00882334	0.322381	1.12461	1.12461	0.953182	0.993277	-1.00677	0.319762	1.12538	1.12538	0.0328365	1.33216	1.33216	0.417433	1.09988	1.09988
cg03082580	MIR9-3	0.0463574	0.0412519	0.671103	-1.49008	0.235389	0.810054	-1.23449	0.194569	0.792592	-1.26168	0.555572	0.903943	-1.10626	0.1153	0.748245	-1.33646
cg02278768	MIR9-3	0.0477309	0.152556	0.652995	-1.53141	0.0461315	1.8881	1.8881	0.731878	1.10039	1.10039	0.651256	1.13492	1.13492	0.965244	0.987953	-1.01219
cg17323982	MIR921;FAM78B	0.000872156	0.136164	0.774789	-1.29067	0.428179	1.13716	1.13716	0.00248278	0.512615	-1.95078	0.123334	0.767017	-1.30375	1.44E-05	0.238348	-4.19554
cg24428232	MIR921;FAM78B	0.046452	0.0161345	0.347796	-2.87525	0.0387148	0.423624	-2.36058	0.00430396	0.254194	-3.934	0.288699	0.67357	-1.48463	0.0233846	0.37837	-2.64291
cg06336230	MIR922;KIAA0226;KIAA0226	0.00201943	0.499548	1.15262	1.15262	0.0096478	0.507216	-1.97155	0.331851	1.23056	1.23056	0.526763	0.875546	-1.14214	0.000392162	0.310137	-3.22438
cg19463199	MIR922;KIAA0226;KIAA0226	0.00680596	0.748556	0.934583	-1.07	0.0541495	1.5837	1.5837	0.403522	0.835417	-1.19701	0.0949007	1.47122	1.47122	0.190268	1.33884	1.33884
cg10579986	MIR922;KIAA0226;KIAA0226	0.0113919	0.0462714	0.636404	-1.57133	0.899013	1.02545	1.02545	0.0009183	0.375178	-2.6654	0.541438	1.13016	1.13016	0.0234896	0.585311	-1.70849
cg15435900	MIR922;KIAA0226;KIAA0226	0.0268262	0.0227302	0.292323	-3.42087	0.719281	1.1768	1.1768	0.108949	0.45452	-2.20013	0.728474	1.17023	1.17023	0.0255935	0.302314	-3.30782
cg27538026	MIR92B	0.0264549	0.14513	1.22872	1.22872	0.376095	0.887293	-1.12702	0.702546	1.05181	1.05181	0.229404	1.18061	1.18061	0.160477	1.2182	1.2182
cg00064589	MIR938;SVIL;SVIL	0.0157819	0.0164483	0.675391	-1.48062	0.0207951	0.688967	-1.45145	0.0551482	0.747449	-1.33788	0.267346	0.856668	-1.16731	0.859122	0.976495	-1.02407
cg07009125	MIR940	0.00655923	0.952508	0.992408	-1.00765	0.0655959	0.767672	-1.30264	0.48353	0.91292	-1.09539	0.0115979	1.49748	1.49748	0.000450911	0.49277	-2.02935
cg05898333	MIR941-1;DNAJC5;MIR941-3;MIR941-2	0.0215791	0.0342078	2.253	2.253	0.01359	2.72852	2.72852	0.0015776	4.44496	4.44496	0.0530531	2.05983	2.05983	0.108009	1.77973	1.77973
cg22987078	MIR941-3;MIR941-2;MIR941-1;MIR941-3;MIR941-3;MIR941-2;DNAJC5;MIR941-3;MIR941-2;MIR941-1	0.0328428	0.0852285	2.74104	2.74104	0.00771584	6.1335	6.1335	0.008577	5.91033	5.91033	0.104654	2.55959	2.55959	0.170397	2.16772	2.16772
cg15580304	MIR941-3;MIR941-3;MIR941-2;MIR941-1;MIR941-3;MIR941-3;MIR941-2;DNAJC5;MIR941-2;MIR941-1	0.0474142	0.0716974	4.36466	4.36466	0.013628	9.35754	9.35754	0.0202835	7.77271	7.77271	0.115795	3.49947	3.49947	0.136437	3.24043	3.24043
cg21172278	MIR942;TTF2	0.00625884	0.000138595	0.185922	-5.37861	0.328467	1.29392	1.29392	0.048262	0.561797	-1.78	0.044209	0.554034	-1.80494	0.322927	0.770404	-1.29802
cg03189678	MIR943;WHSC2	0.0118804	0.0327606	0.584621	-1.71051	0.621525	1.11287	1.11287	0.0159244	0.530262	-1.88586	0.792911	0.945027	-1.05817	0.00619619	0.464389	-2.15337
cg15245749	MIR944;TP63;TP63;TP63;TP63;TP63;TP63	6.58E-05	0.000636912	0.59655	-1.67631	0.000223061	0.54599	-1.83154	1.05E-06	0.284453	-3.51552	0.104985	0.839897	-1.19062	0.00282631	0.666973	-1.49931
cg07809144	MIR98;HUWE1	0.0035082	0.0562477	0.419642	-2.38299	0.0100519	0.271202	-3.68728	0.00400438	0.211535	-4.72736	0.174971	0.56022	-1.78501	0.0251108	0.342991	-2.91553
cg06308344	MIR98;HUWE1;MIRLET7F2	0.00683323	0.681	1.17137	1.17137	0.0555681	0.435984	-2.29366	0.147615	0.551843	-1.81211	0.102253	0.504455	-1.98234	0.000637864	0.134435	-7.43854
cg05453618	MIR98;HUWE1;MIRLET7F2	0.0264326	0.0732949	0.246079	-4.06374	0.0279787	0.161579	-6.18892	0.0163156	0.127253	-7.85834	0.982089	1.01588	1.01588	0.0466484	0.202028	-4.94981
cg02558684	MIRLET7A1	0.041809	0.0322504	0.163011	-6.13455	0.0215211	0.135707	-7.36881	0.0591755	0.214157	-4.66948	0.11866	0.293678	-3.40509	0.0168805	0.121421	-8.23584
cg03649143	MIRLET7A2;LOC399959	0.00577032	0.0021113	0.358578	-2.7888	0.00579103	0.424151	-2.35765	0.00619609	0.428763	-2.33229	0.0108552	0.468169	-2.13598	0.291085	0.771104	-1.29684
cg15702185	MIRLET7A3;LOC400931	0.00648768	0.0747216	1.75735	1.75735	0.00255171	3.28295	3.28295	0.00608385	2.7655	2.7655	0.02572	2.12203	2.12203	0.978765	1.00759	1.00759
cg08695558	MIRLET7A3;LOC400931	0.0168087	0.395375	1.40481	1.40481	0.0120744	3.39441	3.39441	0.00255988	5.12187	5.12187	0.0161519	3.15571	3.15571	0.104816	0.500474	-1.99811
cg04063235	MIRLET7A3;LOC400931;MIRLET7B	0.0360152	0.0946105	2.56586	2.56586	0.0038952	7.34022	7.34022	0.0258129	3.88646	3.88646	0.129116	2.31885	2.31885	0.275941	0.559193	-1.78829
cg13251842	MIRLET7A3;LOC400931;MIRLET7B	0.0410789	0.57333	1.33408	1.33408	0.00280782	8.04851	8.04851	0.0120764	4.88071	4.88071	0.441988	1.48753	1.48753	0.304356	0.583429	-1.71401
cg03275648	MIRLET7D	0.00585111	0.939549	0.976471	-1.0241	0.00948645	2.80611	2.80611	0.0177119	2.47315	2.47315	0.0927322	0.559481	-1.78737	0.0137387	0.384269	-2.60234
cg21544377	MIRLET7I;C12orf61	0.00799834	0.019677	0.768849	-1.30064	0.00156887	1.52767	1.52767	0.0108678	1.34762	1.34762	0.356714	0.915365	-1.09246	0.0219953	0.773907	-1.29214
cg25084332	MIRLET7I;C12orf61	0.00959364	0.560664	1.09017	1.09017	0.00200257	1.89649	1.89649	0.0511537	1.38528	1.38528	0.612898	0.927867	-1.07774	0.0454044	1.40041	1.40041
cg06162516	MIRLET7I;C12orf61;C12orf61	0.0164438	0.434131	1.34775	1.34775	0.69849	0.864542	-1.15668	0.000435508	0.125026	-7.99837	0.0332154	0.394223	-2.53664	0.164669	0.57445	-1.74079
cg24445405	MIS12	0.00931276	0.0481278	0.581933	-1.71841	0.348782	0.793579	-1.26011	0.000320325	0.247615	-4.03854	0.0894478	0.638376	-1.56647	0.00460996	0.405076	-2.46868
cg07478100	MIS12;DERL2	0.00025766	0.00991241	0.891984	-1.1211	5.27E-05	1.30342	1.30342	0.00210318	1.16389	1.16389	0.951054	1.00216	1.00216	0.0622155	0.928992	-1.07644
cg06244522	MIS12;DERL2	0.00632816	0.509209	0.66489	-1.50401	0.695023	1.27145	1.27145	0.666149	0.767534	-1.30287	7.22E-05	0.0122191	-81.8393	0.144715	0.384885	-2.59818
cg02419674	MIS12;DERL2	0.043761	0.803121	1.02443	1.02443	0.0114313	1.35779	1.35779	0.338298	1.10008	1.10008	0.0975292	0.838877	-1.19207	0.831405	0.979608	-1.02082
cg01604693	MITD1;MRPL30	0.00677163	0.455177	0.853433	-1.17174	0.343623	0.81606	-1.2254	0.1444	1.38635	1.38635	0.185843	0.746567	-1.33946	0.281643	0.79205	-1.26255
cg08463543	MITF	0.0168354	0.0323597	0.691549	-1.44603	0.0195119	0.65853	-1.51853	0.146584	1.25378	1.25378	0.0073626	1.67646	1.67646	0.112711	1.28553	1.28553
cg22875984	MITF;MITF	0.000451953	0.00247598	0.486463	-2.05566	0.679334	0.93128	-1.07379	0.0203807	0.619529	-1.61413	0.00328761	1.98578	1.98578	0.00277659	0.493356	-2.02693
cg15449049	MITF;MITF	0.0152753	0.186636	0.642556	-1.55628	0.482999	0.798316	-1.25264	0.90386	1.03892	1.03892	0.770398	1.09687	1.09687	0.000595088	0.187349	-5.33763
cg17482117	MITF;MITF	0.0221091	0.380894	1.27894	1.27894	0.0431565	0.528962	-1.89049	0.0723843	0.577621	-1.73124	0.088021	0.597293	-1.67422	0.179856	0.677111	-1.47686
cg15023858	MITF;MITF	0.0226913	0.100695	1.24498	1.24498	0.119107	0.813719	-1.22893	0.364972	0.892753	-1.12013	0.0267785	1.3768	1.3768	0.00695898	1.53037	1.53037
cg13685139	MITF;MITF	0.0261823	0.101067	1.45964	1.45964	0.130867	0.709234	-1.40997	0.247209	0.77505	-1.29024	0.590332	0.891842	-1.12128	0.0300895	0.584343	-1.71132
cg13151171	MITF;MITF;MITF	0.0001003	5.41E-05	0.272027	-3.6761	0.899079	1.02219	1.02219	0.00642481	0.541571	-1.84648	0.185155	1.2752	1.2752	1.72E-05	0.2178	-4.59138
cg11287400	MITF;MITF;MITF	0.000811955	0.0303501	0.685809	-1.45813	0.279156	1.18141	1.18141	0.00330277	0.552693	-1.80932	0.0384128	0.700882	-1.42677	3.29E-05	0.302766	-3.30288
cg18503031	MITF;MITF;MITF	0.00303026	0.0269508	0.435647	-2.29544	0.0381719	0.466697	-2.14272	0.100048	0.564647	-1.77102	0.967972	1.01282	1.01282	9.65E-05	0.11081	-9.02443
cg03847535	MITF;MITF;MITF	0.00820663	0.408737	1.20302	1.20302	0.148832	0.712702	-1.40311	0.0918087	0.666286	-1.50086	0.239617	1.30913	1.30913	0.000376239	0.288362	-3.46787
cg13523819	MITF;MITF;MITF	0.0185598	0.0514765	0.358814	-2.78696	0.896727	0.941731	-1.06187	0.123755	0.46269	-2.16128	0.8511	0.916789	-1.09076	0.00100376	0.104599	-9.56035
cg03831180	MITF;MITF;MITF	0.0192311	0.027852	0.363136	-2.75379	0.0193346	0.332062	-3.01149	0.325837	0.673432	-1.48493	0.650481	0.837137	-1.19455	0.00221125	0.187958	-5.32033
cg01793161	MITF;MITF;MITF;MITF	0.000201596	0.0382502	1.3642	1.3642	0.0407369	0.736752	-1.35731	0.0001445	0.42889	-2.3316	0.967696	0.994776	-1.00525	0.0560434	1.32298	1.32298
cg13264800	MITF;MITF;MITF;MITF	0.0146889	0.686992	1.10428	1.10428	0.00141973	0.322814	-3.09776	0.014652	0.479066	-2.08739	0.865381	0.959302	-1.04243	0.158025	0.691007	-1.44716
cg25129985	MITF;MITF;MITF;MITF;MITF;MITF	0.000234269	0.253162	0.740832	-1.34983	0.536377	1.17043	1.17043	0.00791406	0.424813	-2.35398	0.0160036	0.476539	-2.09846	9.57E-05	0.174582	-5.72796
cg16905280	MITF;MITF;MITF;MITF;MITF;MITF	0.0241463	0.11292	0.605929	-1.65036	0.00359563	0.318313	-3.14156	0.112249	0.605264	-1.65217	0.954451	1.01672	1.01672	0.129482	0.621491	-1.60903
cg13636907	MITF;MITF;MITF;MITF;MITF;MITF	0.0340316	0.113307	0.65637	-1.52353	0.00673509	0.423841	-2.35938	0.367847	0.797718	-1.25358	0.158798	0.692122	-1.44483	0.121508	0.663545	-1.50706
cg24405179	MIXL1	9.20E-06	0.189523	0.81663	-1.22455	0.221687	1.2059	1.2059	0.629068	1.07352	1.07352	0.562794	1.08902	1.08902	0.0188924	0.660699	-1.51355
cg26886972	MIXL1	4.64E-05	0.0938248	0.762903	-1.31078	0.000126197	0.375159	-2.66554	0.0442618	0.712198	-1.4041	0.729684	0.950327	-1.05227	0.11752	0.779038	-1.28363
cg06188229	MIXL1	9.97E-05	1.65E-05	0.209438	-4.77469	0.0247701	0.662283	-1.50993	0.870015	0.97153	-1.0293	0.00596128	0.452584	-2.20954	0.0243863	0.306213	-3.26571
cg25162270	MIXL1	[illegible]	0.622382	1.10242	1.10242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11238820	MIXL1	0.00082479	0.0108645	0.586356	-1.70545	0.35001	0.851655	-1.17418	0.000890448	0.414375	-2.29511	0.0779713	0.721142	-1.38669	7.04E-05	0.298024	-3.35543

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01010298	0.218226	1.44616	1.44616	0.0124699	0.412487	-2.42432	0.943188	1.02051	1.02051	0.0237608	0.463598	-2.15704	6.22663	8.00135	1.14224	1
cg21882238	0.000126216	1.79174	1.79174	0.000110489	1.81198	1.81198	2.07E-05	2.1181	2.1181	0.886144	0.98756	-1.0126	19.6581	2.3767	0.107469	1
cg14037354	0.335362	1.10083	1.10083	0.0118911	1.3547	1.3547	0.0364149	0.790443	-1.26511	0.00514979	0.69961	-1.42937	21.5785	3.19527	0.131624	1
cg20084852	0.214802	0.794599	-1.2585	0.312113	1.20214	1.20214	0.213462	0.794008	-1.25943	0.39726	0.858458	-1.16488	4.23036	2.07701	0.436423	1
cg02047319	0.675054	0.86833	-1.15164	0.782373	1.09716	1.09716	0.916507	0.965495	-1.03574	0.398331	0.748589	-1.33585	4.30772	7.64997	1.57856	1
cg11116300	0.0276908	1.92471	1.92471	0.00368975	2.68375	2.68375	0.0337013	1.86625	1.86625	0.833513	1.05438	1.05438	5.20891	5.22067	0.890896	1
cg22971028	0.31719	0.746169	-1.34018	0.127277	0.62689	-1.59518	0.111006	0.611604	-1.63504	0.552926	0.843679	-1.18528	4.88932	6.20951	1.1289	1
cg11005998	0.402488	0.775047	-1.29024	0.232583	1.45109	1.45109	0.27568	1.40113	1.40113	0.0969305	0.581636	-1.71929	3.43374	4.81082	1.24537	1
cg04223832	0.0754547	1.59828	1.59828	0.00368672	2.53448	2.53448	0.0944607	1.54584	1.54584	0.841478	1.04859	1.04859	3.41007	3.03214	0.790375	1
cg16695570	0.0777662	1.36049	1.36049	0.000130323	2.83901	2.83901	0.000589188	2.30199	2.30199	0.366933	0.864536	-1.15669	14.953	5.84108	0.347226	1
cg04563422	0.000325064	2.06381	2.06381	0.000567001	1.94624	1.94624	0.0101368	1.4984	1.4984	0.344112	1.1292	1.1292	9.0213	2.22133	0.218873	1
cg10529599	0.140044	1.34199	1.34199	0.0522397	1.5054	1.5054	0.272506	0.809283	-1.23566	0.416327	0.857347	-1.16639	8.78067	4.77364	0.483247	1
cg04578631	0.0198263	0.587654	-1.70168	0.0758355	1.45272	1.45272	0.000609507	0.368568	-2.7132	0.827479	0.959589	-1.04211	8.00989	4.53125	0.502851	1
cg06889454	0.112283	1.35626	1.35626	0.314653	1.20113	1.20113	0.0448302	1.5006	1.5006	0.537584	1.11629	1.11629	7.8908	3.88196	0.437298	1
cg16796899	0.695639	1.06561	1.06561	0.0472103	1.4434	1.4434	0.00656422	1.76937	1.76937	0.0950883	0.743465	-1.34505	5.68658	2.35266	0.367753	1
cg06332842	0.112567	3.98928	3.98928	0.00328649	24.7376	24.7376	0.0604682	5.4502	5.4502	0.0547107	5.7285	5.7285	3.96154	40.253	9.03197	1
cg26068527	0.0445045	2.63701	2.63701	0.00669375	4.38495	4.38495	0.120054	2.03135	2.03135	0.0310928	2.89621	2.89621	3.4864	9.7514	2.4862	1
cg23176214	0.0812399	4.64668	4.64668	0.00437755	20.5871	20.5871	0.0642944	5.21812	5.21812	0.0573497	5.52135	5.52135	3.39781	33.9902	8.89206	1
cg10726463	0.00760523	0.11756	-8.50627	0.00126012	0.0530594	-18.8468	0.169632	0.40153	-2.49047	0.0615426	0.268865	-3.71934	8.19534	50.4923	5.47653	1
cg00565075	0.931542	1.03256	1.03256	0.0456703	0.425517	-2.35008	0.0880126	0.495555	-2.01794	0.146076	0.558838	-1.78943	3.41699	7.52572	1.95772	1
cg26775123	0.0744319	1.60094	1.60094	0.0450075	1.72401	1.72401	0.034115	1.79578	1.79578	0.921926	0.977057	-1.02348	3.65006	3.24069	0.789195	1
cg27138951	0.0107472	0.581352	-1.72013	3.34E-06	0.156246	-6.40016	0.182844	1.27024	1.27024	0.0198756	0.621425	-1.60921	31.6604	14.3594	0.403151	1
cg17796010	0.0694413	0.778454	-1.2846	0.107577	0.805276	-1.24181	5.12E-06	3.59121	3.59121	0.345217	1.12737	1.12737	30.8104	7.42094	0.214096	1
cg06007966	0.896262	0.973235	-1.0275	0.610866	0.898774	-1.11263	1.57E-06	12.4164	12.4164	0.1376	1.39452	1.39452	25.059	17.1661	0.608913	1
cg08304190	0.846907	1.07536	1.07536	0.423761	1.35945	1.35945	2.89E-05	21.8783	21.8783	0.674314	0.853113	-1.17218	9.13443	20.4386	1.98892	1
cg03940098	0.942706	0.98424	-1.01601	0.0489277	0.608379	-1.64371	0.00496036	2.27547	2.27547	0.626357	1.11454	1.11454	7.51637	5.81491	0.687674	1
cg01521987	0.248065	2.6388	2.6388	0.267734	2.52743	2.52743	0.000365893	138.642	138.642	0.055753	5.83636	5.83636	6.66348	58.4944	7.68107	1
cg14345012	0.635914	1.19934	1.19934	0.482707	1.31249	1.31249	0.000254131	9.94884	9.94884	0.0291948	2.66307	2.66307	4.93494	11.3547	2.04523	1
cg18291941	0.806893	0.936861	-1.06739	0.0159854	0.45588	-2.19356	0.00590711	2.60944	2.60944	0.580355	1.16035	1.16035	3.94121	4.42715	0.998487	1
cg24044238	0.0463127	0.359131	-2.7845	0.323641	1.57986	1.57986	0.230844	1.75751	1.75751	0.0458768	0.358187	-2.79184	4.16785	13.2859	2.83353	1
cg07552322	0.379632	0.76192	-1.31247	0.0340187	0.474015	-2.10964	0.0475011	1.98162	1.98162	0.407966	0.774641	-1.29092	4.09741	5.90665	1.28138	1
cg18479961	0.000233692	0.220213	-4.54106	0.303833	1.3022	1.3022	0.349241	0.787472	-1.26989	0.00902157	0.439071	-2.27753	7.07124	6.88517	0.8655	1
cg09701145	0.769221	0.978376	-1.0221	2.12E-09	8.11685	8.11685	0.280442	0.920013	-1.08694	0.0586294	0.853225	-1.17202	149.967	13.1144	0.077732	1
cg25437674	0.319049	1.16103	1.16103	1.85E-05	3.54426	3.54426	0.207843	0.824849	-1.21234	0.0532462	0.72731	-1.37493	22.4708	7.48169	0.295957	1
cg02054724	0.27486	0.560734	-1.78338	0.0513549	0.32314	-3.09463	0.573935	0.748793	-1.33548	0.162278	0.467784	-2.13774	4.07428	16.7318	3.65039	1
cg02479575	0.68684	1.04007	1.04007	1.35E-05	0.413737	-2.41699	0.026902	0.775642	-1.28926	0.0161953	0.751926	-1.32992	17.9067	2.66494	0.132288	1
cg20893022	0.139487	0.675876	-1.47956	0.00190421	0.338402	-2.95507	0.0241047	0.515504	-1.93985	0.87959	0.963345	-1.03805	3.72654	3.58168	0.854336	1
cg26005082	0.00270047	0.447157	-2.23635	0.403514	0.847054	-1.18056	0.703145	1.07718	1.07718	0.294314	0.809605	-1.23517	3.40088	2.03088	0.530811	1
cg17233829	0.152306	1.15129	1.15129	0.000522415	1.64363	1.64363	0.58999	0.951246	-1.05125	0.00146668	0.655742	-1.52499	8.74828	1.16968	0.118848	1
cg05473648	0.365759	0.891261	-1.12201	0.000237893	2.12556	2.12556	0.15467	0.828024	-1.20769	0.0258819	1.38775	1.38775	7.95598	1.93378	0.216053	1
cg25837979	0.78226	0.926584	-1.07923	0.00171928	0.291903	-3.4258	0.0557865	0.550777	-1.81562	0.019699	0.46057	-2.17122	3.9137	4.6952	1.06639	1
cg11565377	0.00230648	0.308479	-3.24171	0.703991	0.899942	-1.11118	0.12693	0.633856	-1.57764	0.0522123	0.543426	-1.84018	8.1476	9.84275	1.07383	1
cg09150212	0.845059	0.952533	-1.04983	0.123888	1.51311	1.51311	0.308476	0.769518	-1.29951	?	?	?	6.01597	5.23201	0.869688	1
cg20436810	0.00591069	1.38431	1.38431	0.0994111	1.17716	1.17716	0.96637	0.9962	-1.00381	0.715022	0.967427	-1.03367	4.93342	0.637215	0.114811	1
cg19219068	0.621846	0.828405	-1.20714	0.433191	0.738719	-1.3537	0.936161	0.970123	-1.0308	0.111376	0.518591	-1.9283	4.57037	10.3782	2.01845	1
cg12820006	0.234273	0.75543	-1.32375	0.00447914	2.34558	2.34558	0.414509	0.828923	-1.20639	0.00067734	0.310774	-3.21777	14.7432	11.8148	0.712335	1
cg16575409	0.826788	1.04815	1.04815	0.0359095	1.68837	1.68837	0.354202	1.22696	1.22696	0.0146216	0.524565	-1.90634	11.5693	8.43779	0.64829	1
cg21501241	0.00843394	0.60475	-1.65358	0.0403274	1.42493	1.42493	0.900759	0.981521	-1.01883	0.463885	0.894525	-1.11791	10.4764	3.70889	0.314687	1
cg26015115	0.172261	1.32925	1.32925	0.288808	1.24074	1.24074	0.561426	0.891342	-1.1219	0.0253488	0.594086	-1.68326	6.00338	3.64877	0.540254	1
cg16208643	0.569268	0.910444	-1.09837	0.0139655	1.64084	1.64084	0.000408218	0.400152	-2.49905	0.292523	0.836835	-1.19498	6.62173	2.79025	0.374558	1
cg02993630	0.499521	0.737969	-1.35507	0.514732	0.746164	-1.34019	0.00022122	0.0515051	-19.4156	?	?	?	10.8207	25.5247	2.35888	1
cg03327164	0.19728	0.61849	-1.61684	0.32049	0.696384	-1.43599	0.0145313	0.346023	-2.88998	0.0228633	0.382935	-2.61141	5.60519	11.0314	1.7494	1
cg03372467	0.00623596	0.607624	-1.64576	0.0389505	1.39657	1.39657	0.000110279	0.386346	-2.58835	0.00282356	0.562821	-1.77677	23.1578	7.16284	0.274938	1
cg09041483	0.0135657	0.39446	-2.53511	0.148916	0.62413	-1.60223	0.172187	0.642409	-1.55664	0.363835	1.32868	1.32868	12.5735	18.4678	1.30559	1
cg02558026	0.280819	0.639066	-1.56478	0.00902812	0.265606	-3.76498	0.00143687	0.158713	-6.30067	0.0297138	0.35986	-2.77886	7.46354	18.8586	2.24601	1
cg08096166	0.0821767	0.508119	-1.96804	0.786229	1.10029	1.10029	0.403428	1.35067	1.35067	0.0957283	0.525531	-1.90284	6.13129	12.0032	1.74017	1
cg18586440	0.0304079	1.3305	1.3305	6.55E-05	2.27573	2.27573	0.0447926	1.29499	1.29499	0.437467	1.09296	1.09296	9.4384	1.88281	0.177319	1
cg21210537	0.318052	1.10928	1.10928	0.00227137	1.53583	1.53583	0.0842427	0.825339	-1.21162	0.891553	0.986385	-1.0138	6.66686	1.06637	0.142179	1
cg01022345	0.104235	1.32944	1.32944	0.377043	1.15641	1.15641	0.202507	0.805966	-1.24075	0.0807292	0.733069	-1.36413	15.3787	6.2604	0.361852	1
cg03039990	0.00902827	1.89763	1.89763	0.000104657	3.7558	3.7558	0.791257	1.05253	1.05253	0.27192	1.24698	1.24698	12.1291	7.15583	0.524419	1
cg04184179	0.127618	0.516322	-1.93677	0.725282	1.15208	1.15208	0.87616	0.939341	-1.06458	0.199632	0.580574	-1.72243	3.4388	8.76902	2.26669	1
cg10030624	0.0152739	0.464864	-2.15117	0.0374445	0.537418	-1.86075	0.685916	1.11021	1.11021	0.0995567	0.628622	-1.59078	7.0395	7.37341	0.931052	1
cg05175213	0.37732	1.27524	1.27524	0.703102	1.10824	1.10824	0.220519	1.41298	1.41298	0.10632	0.622921	-1.60534	12.502	14.2629	1.01409	1
cg02044725	0.993424	1.00217	1.00217	0.00715167	2.49563	2.49563	0.894142	0.965553	-1.03568	0.856751	0.953536	-1.04873	5.04629	5.5411	0.976048	1
cg18096939	0.00037473	1.63211	1.63211	0.00552476	1.36897	1.36897	0.0263085	0.796985	-1.25473	0.014957	0.772844	-1.29392	13.1764	1.54777	0.104413	1
cg08509270	0.0191934	0.393097	-2.5439	0.0013722	0.216524	-4.61843	0.0857268	1.86984	1.86984	0.194835	0.636418	-1.57129	7.92267	13.626	1.52877	1
cg01651728	0.00208455	0.246041	-4.06436	0.000586651	0.17913	-5.58255	0.251287	0.678423	-1.47401	0.000120416	0.11358	-8.80438	14.4362	23.9562	1.47507	1
cg08967287	0.465243	0.764978	-1.30723	0.430011	1.33695	1.33695	0.298062	0.677832	-1.47529	0.0087005	0.299609	-3.33768	5.17828	10.6578	1.82948	1
cg15918587	?	?	?	0.970435	1.00938	1.00938	0.623957	0.882918	-1.13261	0.000231316	0.214323	-4.66585	9.53565	8.52577	0.894094	1
cg27069588	0.304787	1.21751	1.21751	0.00903063	1.84898	1.84898	0.924	0.982485	-1.01783	0.000744001	0.387454	-2.58095	20.6552	11.219	0.482807	1
cg07029395	0.299432	0.820289	-1.21908	0.00763764	1.8809	1.8809	0.0263938	0.6157	-1.62417	0.0547072	0.669366	-1.49395	10.537	5.66273	0.477701	1
cg13888600	0.00633829	1.70121	1.70121	0.00406419	0.561776	-1.78007	0.00063	0.455877	-2.19357	0.310162	0.854703	-1.17	8.83932	3.12904	0.314658	1
cg21529323	0.000999851	2.20816	2.20816	0.0105642	1.68443	1.68443	0.57499	0.912248	-1.09619	0.0157608	1.61549	1.61549	8.09794	3.37075	0.369998	1
cg12530503	0.00160654	1.68168	1.68168	0.00285982	0.624074	-1.60238	0.974349	0.996313	-1.0037	0.0825257	1.24724	1.24724	6.15092	1.28577	0.185811	1
cg03082580	0.00572474	1.84716	1.84716	0.294021	0.831629	-1.20246	0.409001	1.15378	1.15378	0.873697	1.02731	1.02731	3.48643	1.58439	0.40395	1
cg02278768	0.161882	1.51503	1.51503	0.0851738	0.588974	-1.69787	0.00864927	2.53711	2.53711	0.08963	1.68283	1.68283	3.44829	4.22499	1.08911	1
cg17323982	0.984926	1.00301	1.00301	0.72207	1.05839	1.05839	0.552332	1.10024	1.10024	0.668525	0.933844	-1.07084	12.2308	4.89128	0.355481	1
cg24428232	0.244243	0.645917	-1.54819	0.761112	0.89637	-1.11561	0.707718	0.873602	-1.14469	0.184573	0.603556	-1.65685	3.48376	7.10245	1.81221	1
cg06336230	0.000579672	0.331881	-3.01312	0.00258477	0.420855	-2.37612	0.055161	0.637284	-1.56916	0.737994	0.932792	-1.07205	9.61478	6.5397	0.604597	1
cg19463199	0.0532071	1.58734	1.58734	0.000684488	0.335824	-2.97775	0.63969	0.905575	-1.10427	0.0184725	0.548182	-1.82421	6.6733	4.67716	0.623001	1
cg10579986	0.0140787	0.548864	-1.82194	0.489709	0.870323	-1.149	0.26897	0.796221	-1.25593	0.00779431	0.508565	-1.96632	5.66814	3.51705	0.551551	1
cg15435900	0.0377899	0.337362	-2.96417	0.0127646	0.247708	-4.03701	0.0615533	0.386781	-2.58545	0.00780536	0.214287	-4.66665	4.25128	13.6989	2.86426	1
cg27538026	0.276812	1.16056	1.16056	0.00234217	0.571701	-1.74917	0.977006	0.996213	-1.0038	0.0301622	1.39881	1.39881	4.27208	1.1726	0.243981	1
cg00064589	0.190499	1.20395	1.20395	0.00637526	1.6085	1.6085	0.0914618	0.779714	-1.28252	0.677892	1.05751	1.05751	5.09418	1.44617	0.252344	1
cg07009125	0.0693571	0.771091	-1.29686	0.147052	1.22031	1.22031	0.158583	0.824622	-1.21268	0.920052	1.01293	1.01293	6.75034	1.7503	0.23048	1
cg05898333	0.103524	1.7955	1.7955	0.0292437	2.3266	2.3266	0.024316	2.41667	2.41667	0.176482	1.60377	1.60377	4.58419	7.84553	1.52127	1
cg22987078	0.0360921	3.63893	3.63893	0.0159273	4.77902	4.77902	0.0515102	3.23681	3.23681	0.0508639	3.25028	3.25028	3.95683	17.5971	3.95314	1
cg15580304	0.175438	2.87427	2.87427	0.00979962	10.9437	10.9437	0.151606	3.08258	3.08258	0.027482	6.75813	6.75813	3.45696	29.3981	7.55914	1
cg21172278	0.105355	0.636335	-1.5715	0.219098	0.71879	-1.39123	0.301238	1.31474	1.31474	0.954855	0.985641	-1.01457	6.84915	7.07989	0.918834	1
cg03189678	0.968139	1.00862	1.00862	0.287265	0.788638	-1.26801	0.0046237	2.24741	2.24741	0.153729	0.72021	-1.38848	5.59163	4.08978	0.650142	1
cg15245749	0.134006	0.852864	-1.17252	0.876965	0.984858	-1.01538	0.0604496	0.811794	-1.23184	0.0187865	0.755495	-1.32364	24.7548	3.80268	0.136546	1
cg07809144	0.00197573	0.172778	-5.78778	0.000291817	0.093306	-10.7174	0.911346	1.04575	1.04575	0.0273012	0.350286	-2.85481	8.16809	20.8699	2.27116	1
cg06308344	0.00544476	0.246796	-4.05193	0.00419198	0.23045	-4.33933	0.405682	1.38476	1.38476	0.0768801	0.471043	-2.12295	6.665	15.4557	2.06128	1
cg05453618	0.0438029	0.19656	-5.0875	0.0023713	0.0510219	-19.5994	0.271297	0.447531	-2.23448	0.052143	0.212076	-4.7153	4.27334	33.357	6.93851	1
cg02558684	0.0350951	0.16934	-5.90528	0.00963683	0.0934835	-10.6971	0.386508	0.526174	-1.90051	0.0851993	0.252435	-3.96141	3.62344	30.0276	7.36626	1
cg03649143	0.852952	1.04501	1.04501	0.446933	1.20192	1.20192	0.220628	1.35734	1.35734	0.00896864	0.454513	-2.20016	7.02317	6.2615	0.792487	1
cg15702185	0.0264543	2.11143	2.11143	0.00799294	2.62605	2.62605	0.00164274	3.59767	3.59767	0.0155948	2.32148	2.32148	6.77336	8.6532	1.13559	1
cg08695558	0.0640782	2.25372	2.25372	0.267535	1.56993	1.56993	0.0561324	2.32733	2.32733	0.129347	1.89634	1.89634	4.98832	12.0469	2.14669	1
cg04063235	0.940809	1.03882	1.03882	0.577726	1.33434	1.33434	0.0176664	4.39359	4.39359	0.344814	1.64716	1.64716	3.82725	15.9446	3.70317	1
cg13251842	0.373505	1.58844	1.58844	0.0603426	2.92416	2.92416	0.408589	1.53441	1.53441	0.919311	0.949967	-1.05267	3.64714	14.8214	3.6123	1
cg03275648	0.0152448	0.392393	-2.54847	0.0397625	0.474099	-2.10926	0.0433795	2.07375	2.07375	0.178215	0.638213	-1.56687	6.99315	10.9157	1.38748	1
cg21544377	0.682984	0.962418	-1.03905	0.706882	0.965371	-1.03587	0.446828	1.07501	1.07501	0.592391	1.05171	1.05171	6.34456	0.874526	0.122523	1
cg25084332	0.435752	1.12376	1.12376	0.596583	0.924604	-1.08154	0.00111675	2.02273	2.02273	0.0234998	1.48743	1.48743	5.98944	2.04265	0.303148	1
cg06162516	0.92479	0.965308	-1.03594	0.0437805	0.420371	-2.37885	0.34953	0.697604	-1.43348	0.762752	1.11987	1.11987	5.02499	11.1283	1.96852	1
cg24445405	0.450929	0.831844	-1.20215	0.871324	0.96189	-1.03962	0.499222	1.1787	1.1787	0.158771	0.696953	-1.43482	6.04639	5.50158	0.808795	1
cg07478100	0.00533547	1.13744	1.13744	0.00187345	0.856635	-1.16736	0.0237384	0.909636	-1.09934	0.636954	1.01682	1.01682	17.1483	0.334337	0.0173305	1
cg06244522	0.511057	0.666108	-1.50126	0.101384	0.335113	-2.98407	0.0909517	0.321428	-3.11111	0.979422	0.984402	-1.01585	6.82584	40.164	5.23032	1
cg02419674	0.347324	1.09802	1.09802	0.0370843	0.791424	-1.26354	0.840226	1.0197	1.0197	0.0290198	1.28234	1.28234	3.5625	0.526871	0.131461	1
cg01604693	0.553288	1.1331	1.1331	0.000123653	0.247875	-4.0343	0.436736	1.17975	1.17975	0.41551	1.18935	1.18935	6.68381	4.5954	0.611149	1
cg08463543	0.474511	0.900608	-1.11036	0.0348713	1.43576	1.43576	0.299381	1.16796	1.16796	0.418378	0.88771	-1.12649	5.58217	1.78388	0.248553	1
cg22875984	0.000152738	0.328828	-3.04111	0.449167	1.14122	1.14122	0.0077106	1.79737	1.79737	0.0233188	0.628598	-1.59084	14.6961	6.82804	0.412991	1
cg15449049	0.0164369	0.396017	-2.52515	0.269575	0.695415	-1.43799	0.113757	1.72229	1.72229	0.168453	0.628973	-1.58989	5.14961	8.14131	1.40529	1
cg17482117	0.515915	0.835005	-1.1976	0.00678479	2.6127	2.6127	0.0733985	1.72713	1.72713	0.176599	1.48175	1.48175	4.54622	5.39524	1.05489	1
cg15023858	0.282783	0.87283	-1.1457	0.0793323	1.26791	1.26791	0.0807356	0.789753	-1.26622	0.637386	0.94378	-1.05957	4.50578	1.05989	0.209092	1
cg13685139	0.00975437	1.99049	1.99049	0.0337401	1.68578	1.68578	0.893893	1.0285	1.0285	0.22331	0.76377	-1.30929	4.28759	3.01224	0.624488	1
cg13151171	0.0585847	0.69098	-1.44722	0.000772552	0.414555	-2.41222	0.0032316	2.00374	2.00374	0.101303	0.733157	-1.36396	22.1228	10.4867	0.421351	1
cg11287400	0.0847133	0.7539	-1.32644	0.38758	1.14021	1.14021	0.0208501	1.50991	1.50991	0.427317	0.886849	-1.12759	12.4799	4.33893	0.309044	1
cg18503031	0.131046	0.59624	-1.67718	0.00261822	0.266691	-3.74966	0.836855	1.06758	1.06758	0.0184164	0.403744	-2.47681	8.53268	13.5946	1.41621	1
cg03847535	0.496136	1.16318	1.16318	0.0365392	1.70155	1.70155	0.361508	1.22775	1.22775	0.480284	1.16994	1.16994	6.2934	4.76948	0.673649	1
cg13523819	0.150841	0.490766	-2.03763	0.00435932	0.171905	-5.81718	0.733264	0.853728	-1.17133	0.0879283	0.418668	-2.38853	4.8251	16.3334	3.00898	1
cg03831180	0.0994054	0.494661	-2.02159	0.00403016	0.221908	-4.50637	0.948881	1.0253	1.0253	0.151219	0.549146	-1.82101	4.76753	11.4684	2.13824	1
cg01793161	0.00117843	1.85055	1.85055	0.000116485	2.3946	2.3946	0.899677	1.01644	1.01644	0.00576849	0.626358	-1.59653	18.3316	4.85577	0.235453	1
cg13264800	0.0735336	1.62998	1.62998	0.696354	1.1008	1.1008	0.073787	0.613826	-1.62913	0.0459116	0.571044	-1.75118	5.2167	4.95438	0.844192	1
cg25129985	0.00201657	0.33455	-2.98909	1.10E-05	0.0950874	-10.5166	0.944045	0.982512	-1.0178	0.0133434	0.462797	-2.16077	17.5987	17.6094	0.889431	1
cg16905280	0.0343588	0.488376	-2.0476	0.0870806	0.577758	-1.73083	0.0435299	0.509687	-1.96199	0.00349856	0.316547	-3.15909	4.4101	5.88867	1.18691	1
cg13636907	0.99915	0.99974	-1.00026	0.00786343	0.434653	-2.30068	0.30972	1.29283	1.29283	0.0239513	0.517804	-1.93123	3.90653	3.69336	0.840384	1
cg24405179	0.103318	0.771278	-1.29655	0.114141	0.77841	-1.28467	9.81E-08	12.5047	12.5047	0.132137	0.789093	-1.26728	41.4535	13.9489	0.299106	1
cg26886972	0.697612	0.944264	-1.05903	0.613241	0.927871	-1.07774	1.72E-06	5.8026	5.8026	0.0210025	0.665109	-1.50351	27.1463	9.27512	0.303708	1
cg06188229	0.00225559	0.470532	-2.12525	2.81E-05	0.233848	-4.27629	0.0332698	[illegible]	[illegible]	[illegible]	0.889445	-1.1243	22.1575	10.9154	[illegible]	1
cg25162270	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11238820	0.00266094	0.499965	-2.00014	0.220435	1.23992	1.23992	[illegible]	[illegible]	[illegible]	0.0148825	0.606554	-1.64866	12.4249	5.4827	0.392238	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error	
cg02360862	MIXL1	0.01429099	0.00403944	0.2665039	-3.75233	-1.224391	0.657406	-1.52113	0.036446	0.4349518	-2.29328	0.0155633	0.3623567	-2.75811	0.01506647	0.359489	-2.78173	0.2097078	0.126636	-3.06151	0.3121937	0.704399	-1.41965	0.02367763	0.2603447	-3.83955	0.0697776	0.449935	-2.0026	5.26306	9.7755	1.65101	1
cg18354264	MIXL1	0.0248089	0.101461	0.537174	-1.86159	0.577681	0.8229	-1.21521	0.0370858	0.43219	-2.3138	0.2952303	0.6864631	-1.45674	0.00696568	0.298269	-3.35268	0.0586655	0.477036	-2.09628	0.2442104	1.90068	1.90068	0.04217444	2.2506	2.2506	0.4228893	0.753007	-1.32081	4.36887	8.31	1.69075	1
cg26235537	MIR637;MIR637	9.60E-05	0.006932	2.23583	2.23583	0.477983	0.852379	-1.17319	0.209394	1.34254	1.34254	0.000149946	0.206775	-4.83618	0.01506621	1.9778	1.9778	?	?	?	1.07E-05	0.0935723	-10.6697	0.00375411	0.4035534	-2.47811	0.2006644	1.35127	1.35127	30.00099	20.17121	0.588159	1
cg04944583	MIR637;MIR637	0.00012965	0.0169736	0.6663138	-1.50074	0.0939445	0.582329	-1.71724	0.00200175	0.544336	-1.8371	0.00831431	0.624766	-1.6006	2.61E-06	0.205837	-4.85822	0.349802	1.14362	1.14362	0.000528265	0.4703166	-2.12298	0.559942	0.9241094	-1.08567	0.0388003	0.716328	-1.39601	20.6381	6.39523	0.273721	1
cg02707638	MIR637;MIR637	0.00315778	0.023898	2.29367	2.29367	0.2217714	0.427824	-2.33741	0.130999	0.609525	-1.64062	0.0417752	0.3138899	3.33899	?	?	?	0.001307	4.44421	4.44421	0.125648	1.65275	1.65275	?	?	?	0.0321447	2.1612	10.361	11.2052	1.08147	1
cg07066918	MIR637;MIR637	0.00446603	0.0118248	0.2739222	-5.65868	0.0538209	0.405462	-2.46632	0.331919	0.661833	-3.15095	0.00987705	0.260723	-3.83548	0.00338125	0.0923722	-10.8258	0.0128593	0.279792	-3.57408	0.00321476	0.1905159	-5.24881	0.2222259	0.58925	-1.69707	0.00737394	0.240814	-4.15258	7.59516	20.45122	2.39348	1
cg06218050	MIR637;MIR637	0.0154051	0.0017691	0.1414334	-7.07042	0.476227	0.756923	-1.32114	0.904559	1.04691	1.04691	0.84504	0.927916	-1.07768	?	?	?	0.00278776	0.167599	-5.96663	0.3973461	0.7160337	-1.39658	0.04708545	0.4012092	-2.49246	0.03228411	0.3618202	-2.76394	6.82773	13.369	1.46854	1
cg18785410	MIR637;MIR637	0.0169287	0.0193207	0.576802	-1.7357	0.2035679	0.776487	-1.28785	0.199147	1.34913	1.34913	0.281282	1.2804	1.2804	0.4004193	1.68853	1.68853	0.0554742	0.619345	-1.61461	0.4445282	0.682666	-1.66299	0.09127824	2.072329	2.072329	0.1990558	0.826494	-1.20993	4.98002	3.84261	0.689871	1
cg17295447	MIR637;MIR637	0.0198035	0.0238055	0.2138561	-6.67616	0.0954698	0.35089	-2.84989	0.0704071	0.516445	-3.17818	0.0676008	0.324406	-3.08256	0.00732489	0.224731	-4.44977	0.094572	0.3497	-2.85959	0.0189388	0.0806789	-12.3948	0.0538582	0.13535	-7.38234	0.0434606	0.26507	-3.77254	7.42037	24.4426	4.60277	1
cg19097374	MIR637P	8.25E-05	0.615579	1.09743	1.09743	0.195934	1.28548	1.28548	0.637108	1.09118	1.09118	0.204352	1.27885	1.27885	7.85E-07	0.0875987	-11.4157	0.0573663	0.673845	-1.48402	0.267279	0.808784	-1.23642	0.788823	1.05053	1.05053	0.912084	1.02049	1.02049	23.30558	12.4667	0.474722	1
cg23895055	MIR637P	0.000421572	0.0038384	0.1246716	-8.02496	0.0233667	0.275173	-3.63254	0.0275	0.5454	-1.82	0.0144	0.154284	1.2884	0.0496	0.2134	-4.6864	0.0003705	0.323771	0.0886	-11.2859	0.0126126	0.161685	-6.4173	0.0098371	0.1466	-6.8211	1.61947	14.9815	9.36203	0.555472	1
cg23780049	MIR637P	0.00179979	0.096233	1.15381	1.15381	0.0195516	0.709645	-1.40916	0.00774593	0.671324	-1.48959	0.0020426	0.714431	-1.40652	0.0937242	0.865567	-1.15531	0.0070534	0.761558	-1.3131	0.0475288	0.19426	1.19426	0.92426	0.99258	-1.00748	0.0709125	0.85381	-1.17122	9.04212	0.966036	0.0863698	1
cg19247402	MIR637P	0.00354288	0.28052	1.17647	1.17647	0.53595	1.09665	1.09665	0.0145403	1.5467	1.5467	0.183079	0.878454	-1.13836	0.0871384	0.7603536	-1.31479	0.6716568	0.940898	-1.06372	0.0003120704	0.3737836	-2.67456	0.8379553	0.9709094	-1.03039	0.0542082	0.728744	-1.37222	8.14407	2.70755	0.295517	1
cg00067126	MIR637P	0.0170455	0.00510181	0.5624854	-1.77783	0.2230522	0.655372	-1.52567	0.5453	0.873627	0.975556	-1.02506	0.6640981	0.723613	-1.38195	0.00868035	0.504887	-1.68212	0.404169	1.14192	1.14192	0.5078561	0.7164841	-1.39571	0.00654313	0.577386	-1.73194	0.312743	0.850148	-1.17627	4.96504	1.9008	0.340299	1
cg23097564	MIR637P	0.0173082	0.0100666	0.497433	-2.01032	0.904723	1.02608	1.02608	0.716322	0.924537	-1.08162	0.1815021	0.737151	-1.35637	0.0110435	0.503924	-1.98442	0.0018855	0.587814	0.57856	0.672867	0.912738	-1.0956	0.843908	1.0433	1.0433	0.169299	1.37002	4.93968	3.61646	0.650777	1
cg16605590	MIR637P	0.0183705	0.0114492	0.168129	-5.9478	0.032731	0.19622	-3.19622	0.0156	0.4439	-2.2533	0.0015	0.2301	-4.3447	0.0051069	0.31955	-3.12905	0.1183634	0.474515	2.10741	0.121458	0.408827	-2.44602	0.198172	2.04961	2.04961	0.6606993	0.795535	-1.25702	6.29734	25.2842	2.68952	1
cg17895006	MIR635;MIR6S	0.0014117	0.82714	0.93266	-1.0722	0.5583421	0.505642	-1.97768	0.5586639	0.506199	-1.97553	0.1313529	1.73139	1.73139	0.000169825	0.130236	-7.67837	0.00512076	0.307608	-3.25089	0.000726378	0.1943257	-5.14603	0.00765079	0.335249	-2.98286	0.0121682	0.3693929	-2.70761	10.664	17.1623	1.43055	1
cg12890188	MIR635;MIR6S	0.0039308	0.4383881	1.21866	1.21866	0.157139	0.684667	-1.46014	0.9936365	1.02018	1.02018	0.0759331	1.63909	1.63909	0.0908117	1.59377	1.59377	0.0327994	0.515398	-1.86777	0.0020056	0.2116026	-4.73876	0.2885021	1.31742	1.31742	0.0322769	0.534059	-1.87245	7.88949	7.82098	0.88117	1
cg02633870	MIR635;MIR6S	0.0142838	0.4365381	1.13024	1.13024	0.5108567	0.573962	-1.74319	0.4413366	1.13862	1.13862	0.4854636	1.15444	1.15444	0.5150664	1.01844	1.01844	0.4906651	1.11394	1.11394	0.0010262	0.2116911	2.11691	2.11691	0.3025599	0.8484248	-1.1789	0.5390671	0.9085606	-1.10059	5.265011	3.980665	0.3349393	1
cg14408814	MKL1	0.00078009	0.0494167	0.653092	-1.53118	0.08866289	1.911	1.911	0.000289457	3.28342	3.28342	0.00998767	0.533365	-1.87489	?	?	?	0.00264931	0.442078	-2.26204	?	?	?	0.117559	0.725864	-1.37767	0.187202	1.30015	1.30015	16.1828	6.57563	0.41758	1
cg00549798	MKL1	0.0127634	0.1771146	0.640896	-1.56048	0.0044556	0.146498	-2.4114	0.0227539	0.760752	0.446237	-2.24096	0.09904	0.593986	-1.68354	0.342037	0.746291	-1.33996	0.00112576	0.238558	-4.19185	0.100808	0.584358	-1.71128	0.0676775	0.594199	1.02787	0.00314421	0.209194	-3.34322	5.6428	7.73978	1.25793	1
cg01656485	MKL1	0.0295366	0.0268937	0.270123	-3.70201	0.0104385	0.099885	-5.00288	0.0372764	0.300153	-3.33164	0.133241	0.445384	-2.24525	0.00696071	0.174922	-5.71684	0.0787643	0.377245	-2.6508	0.0313014	0.2161773	-4.62593	0.393785	0.6464492	-1.54681	0.0473003	0.321967	-3.1059	4.91247	16.2294	3.51046	1
cg19377127	MKL1	0.0178251	0.3003892	0.662409	-1.51013	0.0233667	0.713573	-1.40158	0.0155355	0.5492	-1.82055	0.0154503	0.5467	1.5467	0.1842	1.18452	0.856869	1.02207	1.02207	1.02207	1.02207	1.02207	1.02207	1.02207	1.02207	-1.47026	0.0710602	0.6803755	0.9709094	-1.03039	0.054282	0.728744	-1.37222	8.14407	2.70755	0.295517	1
cg00926267	MKL1	0.0413479	0.0884806	0.35611	-2.80812	0.0671525	0.08705	0.08705	0.154437	2.31046	2.31046	0.580051	1.35941	1.35941	0.0639004	0.318481	3.1399	0.0763935	0.338565	-2.95364	0.0242614	0.228662	-4.37326	0.4558858	1.51778	1.51778	0.114969	0.389982	2.56422	3.63835	17.3927	4.24924	1
cg08362785	MKL1	0.042872	0.0544794	0.601925	-1.65584	0.0414294	0.580648	-1.72221	0.127398	0.683153	-1.4638	0.670355	0.905768	-1.10404	0.100718	0.659973	1.51521	0.0239252	0.536436	-1.86416	0.00343901	0.399126	-2.50547	0.093206	0.5760065	-1.73591	0.207723	0.735608	-1.35942	5.58483	3.03761	0.752153	1
cg19051504	MKL1;MKL1	0.0416513	0.5880227	1.1	1.1	0.0936829	0.376522	-1.65625	0.4402219	0.45614	-2.19268	0.1527097	1.1606	1.1606	0.0313006	0.6202434	2.1106	0.5788396	0.906	-1.10397	0.1533606	0.6202434	1.60169	0.0198833	0.4966	-2.01393	0.0822526	0.5142	1.44561	0.0822526	0.51406	0.9870615	0.2418353	1
cg26502330	MKL2	2.26E-05	0.0005347	0.575844	-1.73658	0.00694019	0.69923	-1.43014	0.000382401	0.559455	-1.78747	0.0364118	0.779551	-1.28286	2.35E-05	0.421132	-2.37455	0.0598032	0.804511	-1.24299	1.55E-06	0.2885921	-3.4651	0.57924	1.05904	1.05904	2.12E-05	0.415932	-2.40424	32.812	5.45103	0.147671	1
cg07468804	MKL2	4.68E-05	0.0089904	0.544706	-1.83602	0.1184122	0.13088	-2.13388	0.0138677	0.62043	0.62043	0.0206813	0.644074	1.55313	1.55313	6.66E-07	0.1925308	0.0242475	0.734332	-1.36185	0.0007552363	0.1206246	-8.29111	0.380579	1.12505	1.12505	0.840335	1.03146	1.03146	27.37569	7.66002	0.244016	1
cg02836669	MKL2	0.000637773	0.330917	0.931647	-1.07337	0.00041688	0.158017	1.48417	0.00175304	1.36989	1.36989	0.324843	1.07439	1.07439	0.0040206	1.38615	1.38615	0.1486332	0.896432	-1.11553	0.0169283	0.814168	-1.22825	0.00282352	0.7480555	-1.3368	0.1344309	1.11704	13.3543	1.05345	0.0701193	1
cg01852648	MKL2	0.00549343	0.0091856	0.21607	-4.62814	0.8819337	0.93348	-1.07126	0.21077	0.542925	-1.84187	0.0321114	0.312612	-3.19885	0.00117557	0.110216	-9.07307	0.0502576	0.355653	-2.81173	0.000671164	0.0898617	-11.1337	0.982509	1.01021	1.01021	0.0181621	0.26484	-3.77587	7.13017	24.2285	3.02047	1
cg27639348	MKL2	0.0134317	0.0134317	0.16513	-6.05445	0.0044556	0.126448	-3.9048	0.0027852	0.459652	-2.17555	0.0013651	0.2610	-3.83095	0.00017585	0.0766075	-13.0567	0.1829778	0.60075	-1.66471	0.1343	0.5399386	-1.85154	0.4489084	-2.04664	0.0266115	0.2161011	0.2161011	-4.62715	0.1523863	-6.56089	0.1703065	0.867687	-1.21067	1
cg09449449	MKL2	0.0115805	0.214401	0.744665	-1.34325	0.953412	0.10328	0.10328	?	?	?	0.00310539	2.49243	2.49243	0.734708	1.08975	1.08975	0.708192	0.91862	-1.08859	0.0016478	2.76533	2.76533	0.0476781	1.66737	1.66737	0.152716	1.41308	1.41308	5.74895	4.12494	0.717512	1
cg08781740	MKL2	0.0180731	0.1448	0.6	-1.66667	0.0248088	0.54	-1.85185	0.0407731	0.835588	-1.19676	0.0177551	0.367348	-2.72352	0.00186359	0.1218437	-8.21114	0.42611	0.7	-1.42857	0.0818235	0.2116544	-4.72477	0.1318	0.7	-1.42857	0.0818235	0.2116544	-4.72477	0.1318	0.7	-1.42857	0.0818235	0.2116544	-4.72477	0.1318	1
cg26223551	MKL2	0.01983	0.859127	1.06453	1.06453	0.91735	0.96412	-1.03722	0.512782	0.791628	-1.26322	0.000638016	0.157874	-6.33417	0.402818	0.739796	1.35172	0.613048	1.19664	1.19664	0.658416	1.16955	1.16955	0.0491633	2.20441	2.20441	0.100329	0.530616	-1.8846	4.71823	2.29555	1.74445	1
cg04815652	MKLN1	0.00335061	0.0049826	0.559787	-1.78639	0.00695426	0.17243	1.72473	0.132819	1.29714	1.29714	0.141195	1.28018	1.28018	0.000744906	0.449761	-2.2234	0.0655244	1.38078	1.38078	0.482192	1.11795	1.11795	0.368056	1.15525	1.15525	0.926732	0.985746	-1.01446	8.82108	3.19559	0.343014	1
cg24002494	MKLN1	0.00716169	0.1725427	0.7	-1.42857	0.0373067	0.671525	1.49	0.0733563	1.49	1.49	0.0735553	1.49	1.49	0.0127177	1.49	1.49	0.2497759	1.36098	1.36098	0.0323616	0.2494671	2.40455	2.40455	0.0150498	1.49	1.49	0.0735553	1.49	1.49	0.0127177	1.49	1.49	0.0735553	1.49	1.49	0.0127177	1.49	1
cg13452588	MKL1	0.0108315	0.00734854	0.305362	-3.2748	0.0235949	0.395313	-2.52964	0.00873511	0.317591	-3.14871	0.0396684	0.441883	-2.26304	0.00125056	0.198229	-5.04466	0.0595689	0.481903	-2.0751	0.0185644	0.3753093	-2.66452	0.48532	0.7839352	-1.27562	0.0275353	0.408675	-2.44693	5.76109	10.755	1.65942	1
cg00193401	MKLN1	0.0100905	0.1507437	0.7	-1.42857	0.0373067	0.684275	-1.47058	0.2616356	0.634722	-1.57549	0.2008	0.7	-1.42857	0.0225674	0.1555992	-6.42857	0.1193556	0.53008	-1.8526	0.0033000998	0.1556992	-6.42308	0.0276964	0.7	-1.42857	0.0225674	0.1555992	-6.42308	0.0276964	0.7	-1.42857	0.0225674	0.1555992	-6.42308	0.0276964	1
cg15571405	MKLN1	0.0327893	0.0368611	0.236577	-4.22695	0.916183	0.6459	-1.06459	0.066984	0.294991	-3.38993	0.0100984	0.145177	-6.88815	0.00936528	0.140884	-7.09302	0.34661	1.562004	-1.77935	0.0266157	0.209658	-4.76968	0.0159388	0.172941	-5.78232	0.367351	0.576624	-1.73423	9.95915	22.1659	4.97657	1
cg03473532	MKLN1	0.0169483	0.498108	0.800457	-1.24929	0.1150048	0.574344	-1.74112	0.0646231	0.550836	-1.95758	0.391602	1.3285	1.3285	0.00542049	0.305956	-3.26845	0.035186	0.452054	-2.21213	0.0475195	0.4802115	-2.0824	0.253634	1.4708	1.4708	0.612744	1.1796	1.1796	3.79179	6.28917	1.47433	1
cg00301972	MKLN1	0.0191288	0.4529824	0.7	-1.42857	0.0373067	0.7	-1.42857	0.2134674	0.7	-1.42857	0.0373067	1.23443	1.23443	0.0446734	1.53433	1.53433	0.6666077	0.777181	-1.28672	0.1599253	0.6666077	1.74749	0.2198379	1.53433	1.53433	0.0373067	1.23443	1.23443	0.0446734	1.53433	1.53433	0.0373067	1.23443	1.23443	0.0446734	1.53433	1
cg24229086	MKLN1;FLJ43663	0.0013697	0.0115151	0.773419	-1.29236	0.00500548	0.73939	-1.35247	0.0895781	1.16435	1.16435	0.00019811	0.60189	-1.66141	0.81613	0.981242	-1.01912	0.890884	1.01122	1.01122	0.030831	0.8126698	-1.23047	0.0023582	0.5788055	-1.72741	0.0013668	0.5142	1.94561	0.0822526	0.51406	0.9870615	0.2418353	1
cg00000825	MKLN1;MKLN1	0.0806343	1.1455	1.1455	1.1455	0.1004121	0.64121	-1.56121	0.6344885	0.88885	-1.1269	0.7881487	0.97562	-1.02506	0.8333606	0.8204034	-1.2106	0.5788396	0.906	-1.10397	0.1533606	0.6202434	1.60169	0.0198833	0.4966	-2.01393	0.0822526	0.5142	1.44561	0.0822526	0.51406	0.9870615	0.2418353	1
ch.7.27261958	MKLN1;MKLN1	0.0143207	0.00807036	0.106803	-9.363	0.0834883	0.424043	-2.35825	0.576442	0.776688	-1.28752	0.0154439	0.264286	-3.78378	0.0384472	0.341646	-2.92701	0.853538	0.920575	-1.08628	0.00474067	0.186414	-5.36439	0.3372332	0.642068	-1.55747	0.294162	0.614308	-1.62785	5.26054	16.7081	2.82321	1
cg00924597	MKLN1;MKLN1	0.01713	0.241654	1.37256	1.37256	0.0287426	0.159952	1.83492	0.0359497	0.819995	1.21972	0.2204673	1.24443	1.24443	0.0446734	1.53433	1.53433	0.6666077	0.777181	-1.28672	0.1599253	0.6666077	1.74749	0.2198379	1.53433	1.53433	0.0373067	1.23443	1.23443	0.0446734	1.53433	1.53433	0.0373067	1.23443	1.23443	0.0446734	1.53433	1
cg21005834	MKLN1;MKLN1	0.0143054	1.73552	2.73552	2.15972	0.1549344	1.13182	1.13182	0.1611778	0.979818	-1.0206	0.3089844	1.21372	1.21372	0.2294241	1.26425	1.26425	0.113037	1.37339	1.37339	0.0159120	1.2544	1.2544	0.2349355	1.25441	1.25441	0.593288	1.10425	1.10425	0.5593288	1.10425	1.10425	0.5593288	1.10425	1.10425	0.5593288	1.10425	1
cg19308841	MKLN1;MKLN1	0.0194858	0.131795	0.666505	-1.50036	0.610209	1.13681	1.13681	0.59999	0.876366	-1.14108	0.0887196	1.59726	1.59726	0.432972	0.819087	-1.22087	0.0916299	1.58921	1.58921	0.000900037	0.2896115	-3.45286	0.899666	0.96903	-1.03196	0.32429	1.28901	1.28901	4.74633	4.67569	0.875661	1
cg19772938	MKLN1;MKLN1	0.0258485	0.00253053	0.142442	0.0189	0.0959113	0.096403	-3.0016	0.0888011	0.131126	0.0384435	0.407186	-3.41405	0.0818764	0.0021457	0.1886147	-5.29795	0.0014485	0.188614	0.0179021	0.0001	0.0001	0.2446	0.5158867	0.18902	0.0738752	0.34239	-2.92119	0.1342014	0.148957	0.233002	1	
cg17832678	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.000975375	0.356829	1.23882	1.23882	0.00180102	0.3666	-2.72777	0.000999102	0.331338	-3.01806	0.134555	1.44006	1.44006	0.0088223	0.470638	-2.12477	0.203257	0.738178	-1.35469	0.000857371	0.3224453	-3.10113	0.48071	1.17588	1.17588	0.00613986	2.2438	2.2438	11.85	9.58878	0.719272	1
cg25847484	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.00108022	0.889888	0.937918	-1.06687	0.815943	1.11512	1.11512	0.332713	1.59513	0.703224	0.836215	-1.19587	0.836196	0.907783	-1.10158	0.449862	0.697798	-1.43308	0.484414	0.7174752	-1.39382	1.02E-05	82.8928	82.8928	0.214218	1.46815	1.46815	11.5115	39.8133	3.07428	1
cg15445332	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.0423611	0.226846	0.502483	-1.99012	0.678894	1.25331	1.25331	0.562872	1.37338	1.37338	0.952983	0.623626	-1.60353	0.721389	0.823483	-1.21435	0.504374	0.692496	-1.44405	0.466392	0.6689772	-1.49483	0.00107226	13.7466	13.7466	0.513228	1.43281	1.43281	3.60585	16.8001	4.14144	1
cg01440934	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.0426875	0.801764	1.04739	1.04739	0.889704	1.00238	1.00238	0.139806	0.746444	-1.39968	0.0305161	0.636267	-1.57167	0.388759	1.17654	1.17654	0.696702	0.930439	-1.07476	0.0031371	2.10289	2.10289	0.463353	1.14728	1.14728	0.342992	0.853422	-1.19287	3.95159	1.929311	0.476958	1
cg18302899	MKNK2;MKNK2	8.68E-05	8.98E-06	0.136781	-7.31098	0.00756631	0.480586	-2.04254	0.0015296	0.389361	-2.56831	0.127099	0.710907	-1.40665	8.73E-06	0.135761	-7.3659	0.731712	0.931303	-1.07376	0.429124	1.18166	1.18166	0.331512	0.8128865	-1.23022	0.9388353	1.01599	1.01599	22.9964	15.5757	0.602054	1
cg26184687	MKNK2;MKNK2	0.00051398	0.0353147	0.1442307	-6.93333	0.1823654	0.13707	-3.1537	0.0510237	0.5103	-1.9598	0.0011255	0.163391	-6.12045	0.00112355	0.163391	-6.12045	0.0998704	0.3904439	-2.56195	0.0062329	0.1477	0.6770	0.4552	2.19E-05	0.5553	0.5553	0.0444045	1.80115	0.0232514	0.5553	0.0444045	1.80115	0.0232514	0.5553	0.0444045	1.80115	1
cg26647303	MKNK2;MKNK2	0.00073989	0.00393289	0.341657	-2.92692	0.700334	1.13414	1.13414	0.0319358	2.26646	2.26646	0.0212122	2.46375	2.46375	0.00377071	0.280151	-3.5695	0.0772143	0.527566	-1.8955	0.0003779997	0.353384	6.35384	0.0311516	4.73431	4.73431	0.520325	0.8088822	-1.23627	12.8104	21.4951	1.49151	1
cg18179755	MKNK2;MKNK2	0.00170576	0.0702795	0.4	-2.5	0.1965814	0.7	-1.42857	0.2134674	0.7	-1.42857	0.0373067	0.7	-1.42857	0.0225674	0.1555992	-6.42857	0.1193556	0.53008	-1.8526	0.0033000998	0.1556992	-6.42308	0.0276964	0.7	-1.42857	0.0225674	0.1555992	-6.42308	0.0276964	0.7	-1.42857	0.0225674	0.1555992	-6.42308	0.0276964	1
cg11894504	MKNK2;MKNK2	0.00171247	0.0270973	0.252929	-3.95367	0.362885	1.63448	1.63448	0.14842	2.25786	2.25786	0.0120394	5.18264	5.18264	0.0453501	0.299352	3.34055	0.918573	0.947692	-1.0552	0.0015405	10.9533	10.9533	0.00218977	25.4613	25.4613	0.960821	1.02615	1.02615	10.0864	44.0964	3.8861	1
cg21030400	MKNK2;MKNK2	0.00181252	0.00562816	0.536744	-1.86309	0.899263	1.02192	1.02192	0.123645	0.751621	-1.33046	0.0848604	0.721612	-1.38579	0.00215967	0.347467	-2.87797	0.338157	0.84462	-1.18419	0.00415753	0.19038	5.19038	0.0196408	1.34823	1.34823	0.038358	0.663072	-1.50813	9.02182	4.60663	0.417204	1
cg00434573	MKNK2;MKNK2	0.00195547	0.02320772	0.4	-2.5	0.1431875	0.42157	-2.37201	0.0733553	0.4	-2.5	0.0373067	0.7	-1.42857	0.0225674	0.1555992	-6.42857	0.1193556	0.53008	-1.8526	0.0033000998	0.1556992	-6.42308	0.0276964	0.7	-1.42857	0.0225674	0.1555992	-6.42308	0.0276964	0.7	-1.42857	0.0225674	0.1555992	-6.42308	0.0276964	1
cg06950023	MKNK2;MKNK2	0.00237057	0.0437544	0.258363	-3.87052	0.705306	1.24836	1.24836	0.04799023	3.74294	3.74294	0.0187536	5.27478	5.27478	0.046076	0.263252	3.79864	0.954742	1.03369	-1.03369	0.00228696	12.0614	12.0614	0.000291223	31.4694	31.4694	0.418286	1.6208	1.6208	9.17428	49.5355	4.79946	1
cg22580935	MKNK2;MKNK2	0.00240727	0.0149727	0.4	-2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08660915	MLC1;MLC1;MLC1	0.0456461	0.128486	0.35775	-2.79525	0.00121753	0.0517253	-19.3329	0.0197725	0.171894	-5.81753	0.454773	0.621057	-1.61016	0.20747	0.435348	-2.29702	0.777562	0.837622	-1.19386	0.280619	0.495778	-2.01703	0.351832	0.549119	-1.8211	0.427092	0.602117	-1.66081	3.50674	21.7383	5.51023	1
cg11066673	MLEC	7.07E-05	0.216693	0.72264	-1.38382	0.37404	0.796106	-1.25611	0.342836	1.27662	1.27662	1.13E-06	0.0424232	-23.572	?	?	?	0.0578018	0.585066	-1.70921	0.0490131	1.75353	1.75353	0.0994494	1.57031	1.57031	0.0946613	0.631889	-1.58256	24.9052	21.8955	0.879152	1
cg08036850	MLEC	0.00385641	0.0122178	0.397477	-2.51587	0.416588	0.782432	-1.27807	0.660484	1.13954	1.13954	0.000367268	0.18525	-5.39812	0.080512	0.563912	-1.77333	0.0642734	0.540976	-1.84851	0.0108855	2.57211	2.57211	0.263679	1.41104	1.41104	0.330319	1.34562	1.34562	7.93941	10.9809	1.22942	1
cg22713360	MLEC	0.0227427	0.0230061	0.24132	-4.14387	0.000926997	0.0753442	-13.2724	0.336443	1.67897	1.67897	0.800468	1.14158	1.14158	0.442721	1.50562	1.50562	0.767387	1.16776	1.16776	0.752118	0.847328	-1.18018	0.0965827	0.385278	-2.59553	0.760556	1.17329	1.17329	4.50227	19.4919	3.84831	1
cg17767319	MLEC	0.0248321	0.00480566	0.718781	-1.39124	0.0959599	1.17509	1.17509	0.68166	0.964257	-1.03707	0.165863	0.87774	-1.13929	0.650197	0.960512	-1.04111	0.213249	1.12263	1.12263	0.00726486	0.736692	-1.35742	0.0822361	0.84375	-1.18519	0.650229	0.960516	-1.04111	4.36745	0.53868	0.109635	1
cg21487067	MLEC	0.0308163	0.0447493	0.739022	-1.35314	0.0158654	1.47374	1.47374	0.006503	1.59084	1.59084	0.142772	0.813207	-1.2297	0.786351	1.03631	1.03631	0.719508	1.04847	1.04847	0.989345	1.00175	1.00175	0.27343	0.861045	-1.16138	0.391441	1.12216	1.12216	4.04799	1.10466	0.24257	1
cg19714489	MLF1;MLF1;MLF1	0.00992473	0.364256	0.849818	-1.17672	0.994248	0.998743	-1.00126	0.00510644	1.90761	1.90761	0.280637	1.21621	1.21621	0.437376	0.870856	-1.1483	0.00439757	0.514928	-1.94202	0.0451589	0.669549	-1.49354	0.68282	0.930801	-1.07434	0.0158212	1.67528	1.67528	5.92492	2.85878	0.42889	1
cg23065100	MLF1;MLF1;MLF1	0.0110549	0.162352	0.610639	-1.63763	0.0039018	3.61379	3.61379	0.00462073	3.47686	3.47686	0.399485	0.751861	-1.33003	0.03776	2.21824	2.21824	0.621201	0.848145	-1.17904	0.0539443	0.485074	-2.06154	0.213999	1.5413	1.5413	0.174125	1.61295	1.61295	5.72333	9.91072	1.53923	1
cg16449649	MLF1;MLF1;MLF1	0.0182727	0.0941047	0.516879	-1.93469	0.637784	0.843642	-1.18534	0.118049	0.544165	-1.83768	0.946839	0.976375	-1.0242	0.00174985	0.202016	-4.95011	0.0118466	0.32415	-3.08499	0.00896777	0.303726	-3.29244	0.619503	1.19659	1.19659	0.0527121	0.454023	-2.20253	4.85052	9.87563	1.80977	1
cg05743054	MLF1;MLF1;MLF1	0.0390207	0.217186	0.816955	-1.22406	0.0299244	1.48846	1.48846	0.305923	1.17947	1.17947	0.449782	0.886992	-1.12741	0.904585	0.981501	-1.01885	0.186958	0.804282	-1.24335	0.00857396	0.593266	-1.68558	0.625202	1.07967	1.07967	0.0513871	1.41252	1.41252	3.71686	1.42728	0.341334	1
cg07297582	MLF1;MLF1;MLF1	0.0453649	0.329444	1.17324	1.17324	0.0116933	1.64893	1.64893	0.0147274	1.61051	1.61051	0.621034	1.08232	1.08232	0.46123	1.12646	1.12646	0.635318	1.07879	1.07879	0.0431332	0.691168	-1.44683	0.133767	1.29269	1.29269	0.0993864	1.33207	1.33207	3.51488	1.40287	0.354775	1
cg02951150	MLF1IP	0.000327986	1.25E-05	0.210527	-4.74999	0.365086	0.854265	-1.1706	0.25994	1.22005	1.22005	0.00449848	0.526779	-1.89833	0.0433701	1.48178	1.48178	0.00265701	2.02083	2.02083	0.26872	0.82286	-1.21527	0.731327	0.943332	-1.06007	0.961478	1.00821	1.00821	16.053	7.28333	0.403294	1
cg17954603	MLF1IP	0.00126702	0.0471028	0.759271	-1.31705	0.683073	1.05101	1.05101	0.0906972	1.25346	1.25346	0.100668	1.24352	1.24352	0.730691	1.04277	1.04277	0.00964675	0.672311	-1.48741	3.84E-05	0.384103	-2.60347	0.191623	1.18241	1.18241	0.566833	0.932237	-1.07269	10.9997	2.55933	0.206821	1
cg07934941	MLF1IP	0.00144521	5.84E-05	0.0874838	-11.4307	0.078033	1.89766	1.89766	0.601274	1.18828	1.18828	0.0254124	0.419301	-2.38492	?	?	?	0.124317	0.580157	-1.72367	0.944255	0.977381	-1.02314	0.820988	0.928533	-1.07697	0.0280305	2.33749	2.33749	10.8391	16.3335	1.50691	1
cg11180122	MLF1IP	0.015274	0.0603053	2.23288	2.23288	0.289919	1.50834	1.50834	0.0334835	2.57893	2.57893	0.00283023	0.199447	-5.01387	0.170379	0.577786	-1.73074	0.0192787	0.337678	-2.9614	0.168477	0.57616	-1.73563	0.935204	0.9702	-1.03072	0.781641	1.10896	1.10896	5.78217	12.41	1.66931	1
cg21366198	MLF1IP	0.0272643	0.0094374	0.322379	-3.10194	0.106204	1.80818	1.80818	0.0211383	2.57414	2.57414	0.403354	0.752628	-1.32868	0.0281472	0.414138	-2.41465	?	?	?	0.57778	1.20502	1.20502	0.714355	0.885312	-1.12955	0.453407	0.77597	-1.28871	4.74005	7.16388	1.32243	1
cg18606327	MLF1IP;CCDC111	0.00380555	0.67237	1.1029	1.1029	0.00658704	0.44381	-2.25322	0.00241738	0.378074	-2.64498	0.0259346	1.83811	1.83811	0.528205	1.15851	1.15851	0.000623968	0.297725	-3.35881	0.155355	0.704634	-1.41918	0.326978	0.792158	-1.26237	0.483885	0.848904	-1.17799	7.97117	6.69269	0.746321	1
cg04264477	MLF1IP;MLF1IP	0.000209375	0.265248	0.69394	-1.44105	1.60E-06	0.0222959	-44.8513	0.730976	0.897076	-1.11473	0.593331	0.843979	-1.18486	0.629229	1.16544	1.16544	0.899841	1.04042	1.04042	0.737442	0.89953	-1.11169	0.0568949	0.507573	-1.97016	0.712487	0.890046	-1.12354	18.1443	28.4586	1.39419	1
cg06600412	MLF1IP;MLF1IP	0.0199468	0.0165793	1.37123	1.37123	0.988318	0.998422	-1.00158	0.249427	1.13868	1.13868	0.0577254	0.79334	-1.26049	0.0127596	1.39627	1.39627	0.221269	0.870477	-1.1488	0.0164867	0.728992	-1.37176	0.278316	0.885486	-1.12932	0.692968	0.958091	-1.04374	4.70883	0.868024	0.163858	1
cg02133936	MLF2;MLF2	0.00172197	0.0329254	0.624858	-1.60036	0.623055	1.09788	1.09788	0.608325	0.907169	-1.10233	0.245994	1.25696	1.25696	3.44E-05	0.220716	-4.53072	0.983892	1.00381	1.00381	0.00626211	0.51098	-1.95702	0.329517	0.827227	-1.20886	0.0540358	0.662194	-1.51013	10.0703	5.66634	0.50016	1
cg15935257	MLF2;MLF2	0.0248772	0.0590579	0.7292	-1.37137	0.698072	0.943883	-1.05945	0.869837	1.02459	1.02459	0.112676	1.29153	1.29153	0.0442549	1.40826	1.40826	0.0664403	1.35656	1.35656	0.0019208	1.91685	1.91685	0.339192	1.15714	1.15714	0.816214	0.966096	-1.03509	4.3647	1.51727	0.308998	1
cg20642765	MLF2;MLF2	0.0328679	0.0567029	0.438419	-2.28092	0.0638932	2.21711	2.21711	0.430121	1.36054	1.36054	?	?	?	0.217518	1.64208	1.64208	?	?	?	0.0101254	0.289336	-3.45619	0.175927	0.576879	-1.73346	0.281179	0.651683	-1.53449	4.10254	7.38575	2.05747	1
cg16885734	MLF2;MLF2	0.0464835	0.963568	1.00979	1.00979	0.404075	1.19979	1.19979	0.0245726	0.564804	-1.77053	0.898296	1.02766	1.02766	0.805023	0.948601	-1.05418	0.00290093	0.417529	-2.39504	0.127119	1.4219	1.4219	0.904168	0.974631	-1.02603	0.844516	1.04278	1.04278	3.48287	2.51073	0.640782	1
cg26645069	MLF2;MLF2	0.0465933	0.473758	0.730903	-1.36817	0.0112653	3.91918	3.91918	0.0656437	2.43233	2.43233	0.944272	0.97037	-1.03053	0.193212	0.552991	-1.80835	0.237569	0.587229	-1.70291	0.0638591	0.408105	-2.45035	0.0984967	0.458602	-2.18054	0.433912	1.40994	1.40994	3.47978	10.2021	2.60607	1
cg20029003	MLF2;MLF2;MLF2	2.43E-05	0.766797	1.02654	1.02654	0.0690145	0.835948	-1.19625	0.681203	0.964275	-1.03705	0.352668	0.919224	-1.08787	0.0576257	1.20813	1.20813	0.0661297	0.833992	-1.19905	3.15E-07	0.268796	-3.7203	0.000264206	0.589908	-1.69518	0.287519	1.10214	1.10214	32.1859	3.95351	0.109185	1
cg06590608	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.000346449	0.00128026	0.588064	-1.70049	0.104032	0.817949	-1.22257	0.000341421	1.91974	1.91974	0.453556	1.09016	1.09016	0.00026163	0.507338	-1.97107	0.000754803	0.56126	-1.78171	0.0172082	0.720231	-1.38844	0.381189	0.903434	-1.10689	0.392677	1.10407	1.10407	15.8135	3.20158	0.179963	1
cg21109167	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.00144927	0.163964	1.23679	1.23679	0.00549131	1.68605	1.68605	0.109121	1.28401	1.28401	0.00171078	0.52693	-1.89779	0.0037621	1.74995	1.74995	0.00912689	1.60625	1.60625	0.00505041	0.588292	-1.69984	0.121685	0.786571	-1.27134	0.901274	0.982399	-1.01792	10.5838	3.4319	0.28823	1
cg24985459	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.00768337	0.0150513	6.08169	6.08169	?	?	?	0.725743	1.18103	1.18103	?	?	?	?	?	?	?	?	?	?	?	?	0.0393832	0.263817	-3.79051	0.00352277	0.0656441	-15.2337	18.4177	24.9703	1.35578	1
cg25202636	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.00892768	0.0538219	0.716826	-1.39504	0.00386708	1.80722	1.80722	0.257915	1.19665	1.19665	0.171899	0.801602	-1.2475	0.00193306	0.513161	-1.9487	0.448288	0.889128	-1.1247	0.304476	1.17553	1.17553	0.825298	1.03419	1.03419	0.163704	1.25359	1.25359	6.12804	2.2443	0.325542	1
cg01302270	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.0111289	0.034376	0.704987	-1.41847	0.690133	1.05841	1.05841	0.127858	1.26261	1.26261	0.594752	0.926767	-1.07902	0.145815	1.24757	1.24757	0.351631	1.14543	1.14543	0.00199273	0.538859	-1.85577	0.0154243	1.52354	1.52354	0.103366	1.28703	1.28703	5.71103	1.81484	0.28247	1
cg27331401	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.0121449	0.0129352	1.5188	1.5188	0.29863	0.864217	-1.15712	0.13343	0.803098	-1.24518	0.998672	0.999775	-1.00023	0.926568	0.987591	-1.01257	0.266613	1.16974	1.16974	0.000785481	0.502752	-1.98905	0.602127	1.07385	1.07385	0.121622	0.796669	-1.25523	5.55182	1.61337	0.258312	1
cg05670953	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.0126461	0.0670778	0.591155	-1.6916	0.413832	1.23857	1.23857	0.0370241	1.85941	1.85941	0.00222623	0.333784	-2.99595	0.723917	1.09509	1.09509	0.982748	1.00555	1.00555	0.00445886	0.378511	-2.64193	0.23425	0.726611	-1.37625	0.546249	0.855217	-1.16929	5.47926	5.69265	0.923507	1
cg04726821	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.0127949	0.0958334	0.614121	-1.62834	0.0252379	2.03251	2.03251	0.00709464	2.52747	2.52747	0.459892	1.22209	1.22209	0.00774743	0.401873	-2.48835	0.951781	1.01625	1.01625	0.188359	0.689683	-1.44994	0.542066	0.848312	-1.17881	0.0577216	1.77177	1.77177	5.45841	6.14205	1.00022	1
cg04777024	MLH1;MLH1;MLH1;MLH1	0.0103614	0.211698	1.11188	1.11188	0.378456	1.07556	1.07556	0.0946809	1.15958	1.15958	0.534875	1.05196	1.05196	0.376602	1.07588	1.07588	0.967416	1.0033	1.0033	0.000140054	1.69899	1.69899	0.964739	1.00357	1.00357	0.033817	1.2211	1.2211	5.84379	0.60135	0.0914703	1
ch.3.753362R	MLH1;MLH1;MLH1;MLH1	0.0231735	0.127114	0.838317	-1.19287	0.0105156	0.708844	-1.41075	0.0256027	0.753168	-1.32772	0.00152155	0.61387	-1.62901	0.761654	1.03305	1.03305	0.0373205	0.772342	-1.29476	0.304793	0.892621	-1.1203	0.775404	0.969886	-1.03105	0.211168	0.868653	-1.15121	4.47325	0.809456	0.160849	1
cg17024523	MLH1;MLH1;MLH1;MLH1	0.0240227	0.0551952	0.290609	-3.44105	0.0191802	0.199671	-5.00824	0.0199108	0.202373	-4.94136	0.405527	0.616426	-1.62226	0.00572743	0.127535	-7.84099	0.045858	0.272205	-3.6737	0.00971593	0.155731	-6.42132	0.567612	0.720041	-1.38881	0.0198063	0.201991	-4.95071	4.41795	22.6154	4.5502	1
cg11146081	MLH3;MLH3	0.000638826	0.520276	1.14355	1.14355	2.44E-05	0.177412	-5.6366	0.000463515	0.32185	-3.10704	0.0388613	0.611249	-1.63599	0.656077	1.09664	1.09664	0.279677	0.793488	-1.26026	0.0504707	1.58223	1.58223	0.138145	0.719936	-1.38901	0.396734	0.836425	-1.19556	13.3482	8.95595	0.596399	1
cg07550334	MLH3;MLH3	0.000699626	0.612504	0.971892	-1.02892	0.0056901	0.816732	-1.22439	0.000108552	0.683366	-1.46334	0.000524855	0.739585	-1.35211	0.034655	0.871555	-1.14737	0.0104685	0.835381	-1.19706	0.000660401	0.747399	-1.33797	0.56404	1.03309	1.03309	0.217926	1.07503	1.07503	13.0129	0.642157	0.0438647	1
cg01188068	MLH3;MLH3	0.0011392	0.521404	0.94996	-1.05268	0.0790425	1.16653	1.16653	0.636015	1.03838	1.03838	0.0951496	1.15586	1.15586	0.000343671	0.634324	-1.57648	0.00155327	1.43244	1.43244	0.00152555	0.697364	-1.43397	0.850477	0.985204	-1.01502	0.0821808	1.16429	1.16429	11.3387	1.12048	0.0878391	1
cg27057204	MLH3;MLH3	0.00157508	0.378931	0.814209	-1.22819	6.53E-05	0.188447	-5.30653	0.00566225	0.437552	-2.28544	0.309184	1.27079	1.27079	0.0480031	0.597692	-1.6731	0.00223656	0.3773	-2.65041	0.268971	1.29971	1.29971	0.869704	1.03809	1.03809	0.206138	0.738118	-1.3548	10.3331	8.48479	0.729889	1
cg23407670	MLH3;MLH3;MLH3;MLH3	0.0276537	0.0692526	0.695536	-1.43774	0.0025042	0.472335	-2.11714	0.506979	1.12779	1.12779	0.549074	0.897365	-1.11437	0.639715	1.08786	1.08786	0.235379	1.24875	1.24875	0.624404	0.915626	-1.09215	0.0787398	1.41731	1.41731	0.0837681	1.40753	1.40753	4.20617	2.12561	0.449204	1
cg02135682	MLKL;MLKL	1.04E-05	0.388862	1.12819	1.12819	0.191434	1.20792	1.20792	0.000398134	0.463088	-2.15942	0.187064	1.21046	1.21046	1.26E-07	0.100968	-9.90418	0.493762	1.09957	1.09957	0.107937	1.2707	1.2707	0.142545	0.806311	-1.24022	0.167063	0.817763	-1.22285	40.1681	11.8675	0.262619	1
cg05800356	MLKL;MLKL	3.98E-05	0.000372054	0.228016	-4.38566	0.00763395	0.410473	-2.43621	3.29E-05	0.12329	-8.11093	0.481153	1.2043	1.2043	9.66E-05	0.16524	-6.05179	0.0427395	0.545775	-1.83226	4.22E-06	0.0631884	-15.8257	0.000286768	0.215009	-4.65096	0.000437207	0.236288	-4.23212	28.2698	30.1768	0.948853	1
cg02871966	MLKL;MLKL	0.000680941	0.171374	1.45013	1.45013	0.491774	1.19507	1.19507	0.392779	1.25035	1.25035	0.0105947	0.440268	-2.27134	0.000211993	0.205987	-4.85468	0.00213542	0.332511	-3.00742	0.000196699	0.202429	-4.94001	0.0907181	0.621494	-1.60903	0.00390041	0.370959	-2.69572	13.1119	13.5255	0.916928	1
cg00270291	MLKL;MLKL	0.00228003	4.25E-05	0.0245144	-40.7924	0.545236	0.747014	-1.33866	0.321123	0.613634	-1.62964	0.0925695	0.414023	-2.41533	0.0471561	0.33887	-2.95098	0.0111819	0.219868	-4.54819	0.00288949	0.142033	-7.0406	0.345306	0.629351	-1.58894	0.357182	0.636902	-1.5701	9.27969	33.3577	3.19529	1
cg07846061	MLKL;MLKL	0.00303113	0.0207045	0.307337	-3.25376	0.924294	1.04108	1.04108	0.00222757	0.162939	-6.13725	0.0333128	0.348687	-2.8679	0.00191401	0.15546	-6.43251	0.0322034	0.345583	-2.89366	0.000358038	0.0884022	-11.3119	0.584762	1.26329	1.26329	0.0387701	0.362912	-2.75549	8.53195	24.2418	2.52559	1
cg01046070	MLKL;MLKL	0.00775491	0.0197235	0.198557	-5.03633	0.00222694	0.0854984	-11.6961	0.802904	0.866264	-1.15438	0.325035	1.79215	1.79215	0.854556	0.900018	-1.11109	0.0188929	0.195478	-5.11566	0.0023281	0.0870945	-11.4818	0.0210768	0.203392	-4.9166	0.0194155	0.197426	-5.06519	6.4065	33.4386	4.63954	1
cg08357850	MLKL;MLKL	0.0137027	0.00151459	0.225975	-4.42528	0.0515417	2.05751	2.05751	0.0971044	0.552781	-1.80904	0.0301149	0.43592	-2.294	0.92379	1.03164	1.03164	0.0386435	0.458528	-2.18089	0.164408	0.616958	-1.62086	0.654307	1.15805	1.15805	0.0438912	0.470492	-2.12544	5.33738	8.95921	1.49207	1
cg26791266	MLKL;MLKL	0.0193385	0.0387721	0.621911	-1.60795	0.0199576	0.572662	-1.74623	0.217539	0.772999	-1.29366	0.302657	0.809028	-1.23605	0.000838569	0.368889	-2.71085	0.234264	1.28079	1.28079	0.738164	1.06885	1.06885	0.251332	0.788305	-1.26855	0.264613	0.793924	-1.25957	4.75854	2.96882	0.554571	1
cg26634130	MLKL;MLKL	0.025072	0.00454689	0.199813	-5.00469	0.684842	0.840422	-1.18988	0.121644	0.489221	-2.04407	0.584143	0.790175	-1.26554	0.00713906	0.227564	-4.39437	0.232469	0.586557	-1.70486	0.0156107	0.282763	-3.53653	0.238407	1.69236	1.69236	0.0789391	0.435536	-2.29602	4.35287	12.5145	2.55555	1
cg27459981	MLKL;MLKL;MLKL;MLKL	0.013693	0.0112106	0.217273	-4.6025	0.174362	0.499512	-2.00196	0.0362534	0.310468	-3.22094	0.0756353	0.386734	-2.58575	0.0716279	0.380474	-2.6283	0.00965767	0.207365	-4.82241	0.0147129	0.236352	-4.23098	0.00142754	0.109027	-9.17207	0.024267	0.275233	-3.63328	5.33862	19.5131	3.24896	1
cg08070235	MLL	5.44E-05	0.000445404	0.430513	-2.32281	0.00387494	0.553412	-1.80697	0.00720783	0.590111	-1.6946	6.74E-06	0.218694	-4.57259	4.30E-06	0.199156	-5.0212	0.116142	0.771289	-1.29653	0.00536262	0.572529	-1.74664	0.0932533	0.755175	-1.3242	0.00108825	0.480398	-2.08161	26.0344	9.53724	0.325629	1
cg21105319	MLL	0.00084691	0.226467	1.26372	1.26372	0.0042514	0.494035	-2.02415	0.000320944	0.34197	-2.92423	0.389364	1.17654	1.17654	0.53898	0.891687	-1.12147	0.384234	0.848376	-1.17872	0.000112237	0.286194	-3.49414	0.115814	1.37031	1.37031	0.206598	1.27827	1.27827	12.3325	6.6347	0.478207	1
cg22756951	MLL	0.00124022	0.000125714	0.388308	-2.57528	0.000924811	2.01525	2.01525	0.502522	0.908112	-1.10119	0.251415	0.843901	-1.18497	0.0493007	0.72774	-1.37412	0.0126186	0.644515	-1.55155	0.470387	0.901215	-1.10961	0.243755	0.841352	-1.18856	0.217207	1.20189	1.20189	11.0671	3.51637	0.282429	1
cg11662520	MLL	0.0296698	0.296059	0.847541	-1.17988	0.149811	1.26583	1.26583	0.119831	1.29388	1.29388	0.563889	1.09316	1.09316	0.83097	1.03317	1.03317	0.770375	1.0457	1.0457	0.00101804	0.475281	-2.10402	0.957348	1.0082	1.0082	0.434958	1.12932	1.12932	4.10292	1.51457	0.328128	1
cg19547141	MLL	0.0306796	0.0845945	0.440072	-2.27236	0.477993	0.733142	-1.36399	0.606191	0.799503	-1.25078	0.255544	1.66655	1.66655	0.136742	0.50168	-1.9933	0.0265764	3.09898	3.09898	0.418072	0.700424	-1.42771	0.00405134	5.26289	5.26289	0.554393	1.29346	1.29346	4.05441	11.8897	2.60669	1
cg02871053	MLL	0.0416537	0.790895	1.06242	1.06242	0.229374	0.750226	-1.33293	0.85206	0.958355	-1.04345	0.787172	1.0636	1.0636	0.0307922	0.561052	-1.78237	0.333811	0.796818	-1.25499	0.00101064	0.329086	-3.03872	0.537393	0.867367	-1.15291	0.721625	0.92172	-1.08493	3.62844	2.98335	0.730857	1
cg14242895	MLL	0.0462732	0.654414	0.796097	-1.25613	0.0101078	5.16745	5.16745	0.946494	0.966604	-1.03455	0.394674	0.643255	-1.55459	0.0281729	0.269325	-3.71299	0.868545	1.08745	1.08745	0.0262916	0.263493	-3.79516	0.238938	1.86674	1.86674	0.705489	0.82518	-1.21186	3.48882	14.1529	3.60591	1
cg02831219	MLL2	4.61E-08	2.26E-07	0.441752	-2.26371	0.00796442	0.836528	-1.19542	0.000138563	0.707824	-1.41278	0.0175314	1.16379	1.16379	1.16E-08	0.303518	-3.2947	3.55E-09	0.250134	-3.99785	0.116068	0.914281	-1.09376	0.696793	1.02076	1.02076	5.63E-05	0.675229	-1.48098	160.034	6.97821	0.0387597	1
cg09643371	MLL2	0.00666014	0.479327	0.809218	-1.23576	0.0715843	0.55309	-1.80802	0.0738095	0.556208	-1.79789	0.527999	0.828443	-1.20708	0.000168275	0.151853	-6.5853	0.0130095	0.403691	-2.47714	0.0184655	0.431168	-2.31928	0.648428	0.873605	-1.14468	0.0214438	0.443333	-2.25564	6.7184	9.21997	1.21986	1
cg08163578	MLL2	0.0299991	0.501147	0.754363	-1.32562	0.798957	1.11112	1.11112	0.824418	0.912344	-1.09608	0.204295	0.57519	-1.73855	0.00371134	0.198198	-5.04545	0.0107389	0.26621	-3.75644	0.00562508	0.223016	-4.48399	0.395128	0.697986	-1.43269	0.352572	0.673729	-1.48428	4.08688	11.0323	2.39951	1
cg21580220	MLL2	0.0325463	0.903974	1.01346	1.01346	0.344297	0.8977	-1.11396	0.105771	0.822224	-1.21621	0.24081	1.14573	1.14573	0.00849433	0.689252	-1.45085	0.0362909	0.763635	-1.30953	0.286031	0.884488	-1.1306	0.44083	1.09098	1.09098	0.00679984	0.678065	-1.47478	3.96973	0.771628	0.17278	1
cg21787386	MLL2	0.0367288	0.0191179	0.268149	-3.72927	0.0881908	0.417604	-2.39461	0.0516758	0.357773	-2.79506	0.0550223	0.364303	-2.74497	0.145878	0.484498	-2.06399	0.142516	0.48112	-2.07848	0.00513416	0.179842	-5.56044	0.825876	1.10767	1.10767	0.0179189	0.263088	-3.80101	3.80004	12.9645	3.03261	1
cg25729807	MLL2	0.0383858	0.703741	0.801294	-1.24798	0.0210728	4.99598	4.99598	0.0564958	3.49716	3.49716	0.93443	0.95341	-1.04887	0.0845943	0.33087	-3.02233	0.0195557	0.194758	-5.13458	0.06918	0.307618	-3.25078	0.677579	1.27434	1.27434	0.544218	0.700543	-1.42746	3.73928	19.9099	4.73291	1
cg11229610	MLL2;PRKAG1;PRKAG1	0.0399247	0.273836	0.666633	-1.50008	0.800427	1.09383	1.09383	0.382412	0.727397	-1.37477	0.0107137	0.307952	-3.24726	0.0027083	0.213034	-4.69408	0.256106	1.52556	1.52556	0.910025	0.960775	-1.04083	0.999953	1.00002	1.00002	0.773773	1.10744	1.10744	4.02542	7.81903	1.51077	1
cg20667845	MLL3	0.0004542	9.97E-05	3.35962	3.35962	0.950578	1.01094	1.01094	0.302497	1.2062	1.2062	0.199157	0.788109	-1.26886	0.0220127	0.617472	-1.61951	0.411986	1.15862	1.15862	0.00690729	0.541349	-1.84724	0.000140325	3.17023	3.17023	0.168822	1.29347	1.29347	14.676	7.16047	0.433692	1
cg14566589	MLL3	0.000846824	0.177742	1.25605	1.25605	0.00401926	0.540548	-1.84998	0.00203858	0.500508	-1.99797	0.00318897	0.526796	-1.89827	0.000884747	0.452473	-2.21008	0.0369707	0.680036	-1.47051	0.0143848	1.61644	1.61644	0.0257337	1.5244	1.5244	0.196185	1.24302	1.24302	12.3329	4.94867	0.356674	1
cg23371877	MLL3	0.00119179	0.410309	0.761167	-1.31377	0.131407	1.69531	1.69531	0.0130373	0.368488	-2.71379	0.600162	0.842463	-1.187	0.159118	0.614007	-1.62865	0.502136	1.24704	1.24704	2.97E-05	0.0706031	-14.1637	0.562931	0.827317	-1.20873	0.00262075	0.25914	-3.85891	11.1937	18.6239	1.47892	1
cg07367144	MLL3	0.00224948	0.228762	1.449	1.449	0.812226	1.07237	1.07237	0.00359325	0.314208	-3.18261	0.106823	1.67691	1.67691	0.000143357	0.145989	-6.84982	0.418209	1.27493	1.27493	0.0544066	0.526841	-1.8981	0.0608141	1.85994	1.85994	0.411935	0.781668	-1.27932	9.31644	12.7207	1.21369	1
cg27610605	MLL3	0.00294372	0.00416201	4.91418	4.91418	0.000999908	7.58052	7.58052	0.00331479	5.24857	5.24857	0.887098	1.06066	1.06066	0.0525741	2.49331	2.49331	0.158707	1.86736	1.86736	0.000465594	9.79355	9.79355	0.00792818	4.10186	4.10186	0.114635	2.03661	2.03661	8.60638	23.4237	2.41926	1
cg24111710	MLL3	0.00620415	0.0495931	1.69488	1.69488	0.0018884	2.82181	2.82181	0.0194757	1.9448	1.9448	0.0707252	1.60903	1.60903	0.0448568	1.71994	1.71994	0.059629	1.64979	1.64979	0.000430882	3.71261	3.71261	0.0152306	2.01773	2.01773	0.0277212	1.84573	1.84573	6.86778	6.03373	0.780938	1
cg09237454	MLL3	0.00645151	0.00851608	4.52377	4.52377	0.00148638	7.84688	7.84688	0.0240009	3.35473	3.35473	0.190557	1.86472	1.86472	0.0207359	3.49647	3.49647	0.0286172	3.19257	3.19257	0.00200891	7.09627	7.09627	0.0126117	4.03208	4.03208	0.00830169	4.5581	4.5581	6.78511	21.7162	2.84494	1
cg20058999	MLL3	0.0132144	0.00690725	0.553866	-1.80549	0.00741454	0.558303	-1.79114	0.00721322	0.556578	-1.79669	0.760801	0.949713	-1.05295	0.0128805	0.593446	-1.68507	0.0192589	0.619761	-1.61353	0.0531466	0.689853	-1.44958	0.376557	0.857842	-1.16572	0.00842718	0.566359	-1.76567	5.40119	2.44261	0.401986	1
cg19365810	MLL3	0.017653	0.0235333	2.24874	2.24874	0.0129353	2.52021	2.52021	0.105494	1.69868	1.69868	0.108831	1.68868	1.68868	0.0225129	2.2676	2.2676	0.440385	1.26584	1.26584	0.00164156	3.86015	3.86015	0.0103324	2.63256	2.63256	0.097648	1.72371	1.72371	4.90711	6.97595	1.26364	1
cg19036773	MLL3	0.0274145	0.266761	1.35014	1.35014	0.147706	1.4963	1.4963	0.315532	0.763945	-1.309	0.303361	1.31864	1.31864	0.0247789	0.49988	-2.00048	0.0775353	0.601053	-1.66375	0.379376	0.79138	-1.26362	0.00485123	2.63568	2.63568	0.471278	1.20941	1.20941	4.21904	4.49821	0.947707	1
cg03634234	MLL3	0.0291911	0.988491	1.00183	1.00183	0.613001	1.06681	1.06681	0.272893	1.15569	1.15569	0.631768	0.940611	-1.06314	0.0142502	0.681589	-1.46716	0.867486	1.0214	1.0214	0.7714	0.963733	-1.03763	0.00154299	1.78165	1.78165	0.924361	1.01211	1.01211	4.12663	1.05085	0.226356	1
cg11872373	MLL3	0.0374222	0.866045	1.06421	1.06421	0.0841887	0.494486	-2.0223	0.0643666	0.464867	-2.15115	0.296428	1.49041	1.49041	0.0835302	0.49359	-2.02597	0.962001	1.01772	1.01772	0.220881	0.622274	-1.60701	0.00727007	3.58311	3.58311	0.157758	1.74501	1.74501	3.77421	8.1216	1.91277	1
cg01990342	MLL4	0.00033739	0.0320096	1.42422	1.42422	0.823187	0.96899	-1.032	0.00297468	0.563431	-1.77484	0.000308738	0.438571	-2.28013	0.305382	0.861237	-1.16112	0.0236237	0.683603	-1.46284	7.97E-05	0.366713	-2.72693	0.00325616	1.75894	1.75894	0.0861766	0.765782	-1.30586	15.929	4.99808	0.278909	1
cg16156525	MLL4	0.000890153	0.00636545	0.506558	-1.97411	0.000144453	0.285436	-3.50341	0.0257223	0.602096	-1.66086	0.00173324	0.424988	-2.35301	0.000358078	0.333911	-2.99481	0.00100527	0.392578	-2.54727	0.00263929	0.450693	-2.2188	0.10195	0.709746	-1.40895	0.0548337	0.658967	-1.51753	12.1604	7.06428	0.516376	1
cg09443652	MLL4	0.00198125	0.000346948	0.377441	-2.64942	0.0276957	1.55378	1.55378	0.0114528	0.585254	-1.70866	0.0631833	0.702002	-1.4245	0.0113149	0.584476	-1.71093	0.135531	0.761555	-1.3131	0.0942237	1.3655	1.3655	0.777991	1.04902	1.04902	0.00346784	0.510781	-1.95779	9.66839	4.38993	0.403599	1
cg13861407	MLL4	0.0067901	0.907346	0.987639	-1.01252	0.00161369	0.616931	-1.62093	0.360022	1.10576	1.10576	0.326501	0.89743	-1.11429	0.93029	1.00939	1.00939	0.202844	1.15445	1.15445	0.0024555	1.56846	1.56846	0.0872829	1.22347	1.22347	0.0443392	0.781341	-1.27985	6.67815	1.2071	0.16067	1
cg12023246	MLL4	0.00708101	0.883433	0.976659	-1.0239	0.222792	1.22904	1.22904	0.746249	0.949075	-1.05366	0.98066	0.996105	-1.00391	0.000115105	0.336614	-2.97076	0.282876	1.19677	1.19677	0.192267	1.2488	1.2488	0.565581	0.910737	-1.09801	0.552033	0.907687	-1.1017	6.59142	2.70534	0.364829	1
cg19595223	MLL4	0.00733754	0.370063	1.21465	1.21465	0.00239111	0.408975	-2.44514	0.943359	0.985101	-1.01512	0.106696	0.689288	-1.45077	0.0192162	0.549687	-1.81922	0.0316925	0.587398	-1.70242	0.367806	1.21583	1.21583	0.00487351	2.19993	2.19993	0.276386	0.787273	-1.27021	6.51854	4.60739	0.628278	1
cg14561276	MLL4	0.0109043	0.0889152	0.6722	-1.48765	0.790235	0.945124	-1.05806	0.0472951	0.618499	-1.61682	0.196754	0.749074	-1.33498	0.0768006	0.659274	-1.51682	0.00130001	0.370982	-2.69555	0.00199298	0.396917	-2.51942	0.228723	1.30659	1.30659	0.0897131	0.672998	-1.48589	5.74868	4.08019	0.630899	1
cg27571605	MLL4	0.0204325	0.416292	1.19911	1.19911	0.000513409	0.305701	-3.27117	0.969869	0.991779	-1.00829	0.435591	1.18988	1.18988	0.530246	0.870264	-1.14908	0.882505	0.968195	-1.03285	0.742692	1.07466	1.07466	0.0592284	1.5928	1.5928	0.992899	0.998057	-1.00195	4.67046	3.53332	0.672468	1
cg25746138	MLL4	0.0277644	0.0570044	0.624898	-1.60026	0.00564857	2.20969	2.20969	0.676761	0.912536	-1.09585	0.354914	1.23092	1.23092	0.0530519	1.61593	1.61593	0.898795	1.02817	1.02817	0.347329	0.809567	-1.23523	0.0546158	0.62128	-1.60958	0.139916	0.706991	-1.41444	4.20026	3.17051	0.670966	1
cg09553915	MLL4	0.0296301	0.0808195	0.632234	-1.58169	0.00522053	0.417822	-2.39336	0.00736985	0.441413	-2.26545	0.865956	1.04082	1.04082	0.0439971	0.578049	-1.72996	0.311895	0.780563	-1.28113	0.017011	0.50202	-1.99195	0.638692	0.894051	-1.1185	0.0668198	0.614708	-1.62679	4.10486	3.64585	0.789493	1
cg24471867	MLL4;ZBTB32	0.0454901	0.0169236	0.508048	-1.96832	0.904066	0.972362	-1.02842	0.251008	1.32153	1.32153	0.562883	0.872869	-1.14565	0.612639	0.888091	-1.12601	0.759235	0.931036	-1.07407	0.668796	0.904805	-1.10521	0.0313966	0.556109	-1.79821	0.0113946	2.08801	2.08801	3.51125	3.00473	0.760663	1
cg10488185	MLL5;LOC100216545;MLL5	0.00146468	0.0758839	1.24121	1.24121	0.162561	1.17713	1.17713	0.262679	0.880081	-1.13626	0.916075	1.0116	1.0116	0.162119	1.17736	1.17736	0.480904	0.924622	-1.08152	0.000109553	0.474691	-2.10663	0.00374965	1.53424	1.53424	0.0150361	1.38668	1.38668	10.5517	1.99953	0.168443	1
cg17872999	MLL5;LOC100216545;MLL5	0.00391043	0.000434302	0.645748	-1.54859	0.78347	0.978576	-1.02189	0.00391743	1.35697	1.35697	0.0154521	1.26314	1.26314	0.246067	0.909032	-1.10007	0.905199	0.990677	-1.00941	0.320351	1.08408	1.08408	0.380887	1.07322	1.07322	0.145013	1.13094	1.13094	7.90625	0.773996	0.0870193	1
cg19928423	MLL5;MLL5	0.000146064	0.000445217	0.354943	-2.81736	0.000393866	2.87258	2.87258	0.000799484	2.57594	2.57594	0.00178201	0.435508	-2.29617	0.150954	0.750007	-1.33332	0.00113496	2.44716	2.44716	0.121019	0.730337	-1.36923	0.00238653	2.20629	2.20629	0.247025	1.25387	1.25387	19.9997	11.0654	0.491804	1
cg25076197	MLL5;MLL5	0.00825122	0.107351	2.58718	2.58718	0.000419295	20.5895	20.5895	0.0044138	7.80964	7.80964	0.075517	2.91574	2.91574	0.750937	1.18795	1.18795	0.160793	2.24842	2.24842	0.0568485	3.20833	3.20833	0.00765868	6.38493	6.38493	0.0447676	3.47638	3.47638	6.28266	29.1083	4.11833	1
cg20770516	MLL5;MLL5	0.00832143	0.498869	1.29641	1.29641	0.00764495	3.6569	3.6569	0.00505556	4.06251	4.06251	0.0415835	2.43136	2.43136	0.132097	0.540869	-1.84887	0.554005	1.25402	1.25402	0.18598	1.69936	1.69936	0.000889384	6.56943	6.56943	0.11334	1.91853	1.91853	6.26589	14.1901	2.01303	1
cg10166277	MLL5;MLL5	0.0397529	0.0172231	2.57704	2.57704	0.00853475	2.98839	2.98839	0.101669	1.79409	1.79409	0.243263	1.48926	1.48926	0.517211	1.23886	1.23886	0.19442	1.56483	1.56483	0.0516418	2.05961	2.05961	0.00518199	3.33252	3.33252	0.14761	1.65995	1.65995	3.69155	6.22084	1.49792	1
cg14865284	MLL5;MLL5	0.0407485	0.754714	0.938142	-1.06594	0.02326	0.575464	-1.73773	0.0804662	0.673664	-1.48442	0.10473	1.43514	1.43514	0.134576	1.38915	1.38915	0.119574	1.41074	1.41074	0.0241279	1.7296	1.7296	0.342508	0.819343	-1.22049	0.944256	0.985854	-1.01435	3.65804	2.40488	0.584376	1
cg21237588	MLL5;MLL5	0.0495028	0.0540906	0.111344	-8.9812	0.0205082	0.0606357	-16.4919	0.0589538	0.117487	-8.51158	0.202979	0.259393	-3.85516	0.0373787	0.0884233	-11.3092	0.0912607	0.154508	-6.47214	0.00713241	0.0305248	-32.7602	0.278223	0.322349	-3.10223	0.0343638	0.083897	-11.9194	3.40102	54.3041	14.1929	1
cg15540063	MLL5;MLL5;LOC100216545	0.0252306	0.133938	1.43489	1.43489	0.00679148	0.45675	-2.18938	0.038099	0.584485	-1.71091	0.00299626	0.402761	-2.48286	0.690024	0.914337	-1.09369	0.365181	0.812324	-1.23104	0.461382	0.845764	-1.18236	0.701333	1.0899	1.0899	0.570156	0.879681	-1.13678	4.34333	3.43294	0.702571	1
cg25340241	MLL5;MLL5;MLL5;MLL5;LOC100216545	0.00149571	0.0272883	1.36013	1.36013	0.774799	0.966786	-1.03436	0.31991	1.12866	1.12866	0.193642	0.850473	-1.17582	0.00800295	0.670185	-1.49213	0.202287	1.17178	1.17178	4.32E-05	0.400686	-2.49572	0.863723	0.979974	-1.02044	0.548251	0.93096	-1.07416	10.4882	2.30333	0.19521	1
cg05972033	MLL5;MLL5;MLL5;MLL5;LOC100216545	0.00501219	0.786058	0.941086	-1.0626	0.281404	1.28384	1.28384	0.0368383	1.71803	1.71803	0.0688747	1.57521	1.57521	0.347436	0.805804	-1.241	0.0573682	0.618927	-1.6157	0.00047886	0.294295	-3.39795	0.225345	1.32868	1.32868	0.023946	1.82436	1.82436	7.33314	5.7849	0.701218	1
cg14527213	MLL5;MLL5;MLL5;MLL5;LOC100216545	0.0115925	0.978696	0.998768	-1.00123	0.000484954	1.2874	1.2874	0.530013	1.02982	1.02982	0.951456	1.00282	1.00282	0.10251	0.920798	-1.08601	0.146775	0.930603	-1.07457	0.0350723	0.892795	-1.12008	0.447203	0.964854	-1.03643	0.580855	1.02609	1.02609	5.63624	0.190392	0.0300267	1
cg04271782	MLL5;MLL5;MLL5;MLL5;LOC100216545	0.0358724	0.241328	0.726603	-1.37627	0.18383	0.692706	-1.44361	0.0497618	0.558348	-1.791	0.0339136	0.524754	-1.90566	0.0410006	0.541133	-1.84797	0.00325029	0.351674	-2.84354	0.341071	0.774555	-1.29106	0.203691	1.41814	1.41814	0.140583	0.661811	-1.51101	3.83277	4.116	0.954574	1
cg15112458	MLL5;MLL5;MLL5;MLL5;LOC100216545	0.0463973	0.0540664	0.628364	-1.59143	0.48915	0.861302	-1.16103	0.0460914	1.6253	1.6253	0.0760491	0.657369	-1.52121	0.410663	0.836289	-1.19576	0.193238	0.74634	-1.33987	0.0094367	0.497009	-2.01203	0.259647	1.28387	1.28387	0.451518	0.849586	-1.17704	3.48531	2.49262	0.635715	1
cg11019790	MLLT1	2.83E-07	0.00952175	0.842015	-1.18763	0.0233367	1.15246	1.15246	0.040414	0.883427	-1.13196	0.511515	1.03548	1.03548	2.25E-09	0.231197	-4.32532	0.00306391	0.808709	-1.23654	0.000110513	0.700328	-1.4279	0.822328	0.988293	-1.01185	0.0886088	0.906328	-1.10335	101.073	4.38845	0.0385942	1
cg25535789	MLLT1	0.00134801	0.728271	1.05213	1.05213	0.779205	0.959875	-1.0418	0.812548	1.03522	1.03522	0.68019	1.06225	1.06225	2.68E-05	0.298555	-3.34946	0.157572	0.802364	-1.24632	0.0261083	1.46905	1.46905	0.607774	0.927344	-1.07835	0.0149125	0.646464	-1.54688	10.8062	3.63349	0.29888	1
cg25825726	MLLT1	0.00454225	0.547361	1.06293	1.06293	0.80228	1.02546	1.02546	0.359427	0.909885	-1.09904	0.26797	0.890792	-1.1226	0.000755041	0.599328	-1.66854	0.710303	1.0381	1.0381	0.000642625	1.69042	1.69042	0.322594	1.10783	1.10783	0.694231	1.04039	1.04039	7.55626	1.20205	0.141404	1
cg07712243	MLLT1	0.00766541	0.291543	0.881116	-1.13492	0.026503	0.737729	-1.35551	0.364297	0.897798	-1.11384	0.459675	0.916622	-1.09096	0.0505628	0.77285	-1.29391	0.410568	1.10221	1.10221	0.000149285	0.470739	-2.12432	0.998937	1.00015	1.00015	0.0606628	0.783028	-1.27709	6.42988	1.36192	0.188276	1
cg06633438	MLLT1	0.0159289	0.487395	0.835529	-1.19685	0.29957	1.31495	1.31495	0.00268561	2.8766	2.8766	0.810753	0.940735	-1.063	0.0163351	0.473466	-2.11208	0.339491	0.778238	-1.28495	0.108118	0.6399	-1.56274	0.0201313	0.489724	-2.04197	0.799514	1.06696	1.06696	5.07851	5.21682	0.913099	1
cg00766482	MLLT1	0.0185154	0.136999	1.39883	1.39883	0.00871714	2.01435	2.01435	0.0246728	1.7516	1.7516	0.710906	0.924957	-1.08113	0.360362	1.21779	1.21779	0.0618625	0.643646	-1.55365	0.88768	1.03005	1.03005	0.139056	1.39602	1.39602	0.0142787	0.530911	-1.88356	4.829	3.35782	0.618084	1
cg24927465	MLLT1	0.0204816	0.0115774	2.87779	2.87779	0.0531934	2.08651	2.08651	0.0697744	1.97189	1.97189	0.235683	1.51605	1.51605	0.0499836	0.473107	-2.11369	0.205345	0.639297	-1.56422	0.259823	1.48226	1.48226	0.0193656	2.57747	2.57747	0.0316649	2.3244	2.3244	4.66664	8.28599	1.57829	1
cg01969558	MLLT1	0.03183	0.417453	0.760003	-1.31578	0.521721	0.806485	-1.23995	0.179081	1.60431	1.60431	0.0642343	1.99106	1.99106	0.00147117	0.218645	-4.57362	0.397801	0.750715	-1.33206	0.999573	0.999823	-1.00018	0.285778	1.44362	1.44362	0.710758	1.1313	1.1313	4.0015	6.95123	1.54414	1
cg03032443	MLLT1	0.033034	0.0709958	0.25816	-3.87356	0.00501928	0.0827372	-12.0865	0.209078	0.411101	-2.43249	0.763484	1.22459	1.22459	0.0439068	0.211251	-4.7337	0.0840042	0.277041	-3.60958	0.00679044	0.0948894	-10.5386	0.0884648	0.283142	-3.5318	0.0606146	0.241655	-4.13814	3.94859	28.187	6.34532	1
cg13522114	MLLT1	0.0446993	0.0356289	2.91402	2.91402	0.029259	3.07479	3.07479	0.0880866	2.27761	2.27761	0.00781632	4.45102	4.45102	0.169094	1.89783	1.89783	0.0718038	2.40856	2.40856	0.0238801	3.25074	3.25074	0.038408	2.85509	2.85509	0.0647581	2.4773	2.4773	3.53438	10.7059	2.6925	1
cg26420444	MLLT10;MLLT10	0.000360357	0.111998	0.754299	-1.32573	0.00727034	0.568867	-1.75788	0.00188565	0.487825	-2.04992	0.571983	0.911153	-1.09751	0.99982	0.999963	-1.00004	0.000654626	0.426989	-2.34198	1.42E-05	0.229107	-4.36477	0.113213	1.32426	1.32426	0.0147868	0.613434	-1.63017	15.6433	6.57683	0.37371	1
cg23087877	MLLT10;MLLT10	0.00876002	0.769128	1.07003	1.07003	0.000580421	0.294109	-3.4001	0.185993	0.724347	-1.38055	0.460033	0.841144	-1.18886	0.196451	0.730436	-1.36904	0.0182446	1.93289	1.93289	0.293138	1.28506	1.28506	0.387536	1.22592	1.22592	0.0349989	0.568359	-1.75945	6.16497	5.16433	0.744613	1
cg11443787	MLLT10;MLLT10	0.0131347	0.169768	0.818518	-1.22172	0.0594503	1.33821	1.33821	0.00639483	1.62556	1.62556	0.254501	1.17695	1.17695	0.0197867	0.680212	-1.47013	0.12218	0.795014	-1.25784	0.326342	0.870434	-1.14885	0.0403406	1.38308	1.38308	0.0678531	1.32322	1.32322	5.41189	1.60719	0.263977	1
cg26440586	MLLT10;MLLT10	0.0272422	0.0293276	0.366044	-2.73191	0.143689	0.540587	-1.84984	0.0863777	0.476299	-2.09952	0.416363	1.38433	1.38433	0.0207745	0.336307	-2.97347	0.395815	0.711445	-1.40559	0.00636793	0.249017	-4.0158	0.508318	1.30047	1.30047	0.0131194	0.299882	-3.33464	4.22839	10.2652	2.15794	1
cg19119538	MLLT10;MLLT10	0.037927	0.00819832	0.391696	-2.553	0.513026	1.20179	1.20179	0.0392147	1.93694	1.93694	0.0397844	0.517563	-1.93213	0.431876	1.2489	1.2489	0.546169	1.18439	1.18439	0.447597	1.23919	1.23919	0.161132	1.5139	1.5139	0.204222	1.44954	1.44954	3.75578	4.56678	1.08083	1
cg15910013	MLLT10;MLLT10	0.0469276	0.880237	1.01876	1.01876	0.105611	0.804207	-1.24346	0.849193	1.02374	1.02374	0.261099	1.15542	1.15542	0.393917	1.11364	1.11364	0.238841	1.16422	1.16422	0.00180349	0.57864	-1.72819	0.701981	1.04853	1.04853	0.857238	0.97805	-1.02244	3.47043	0.835023	0.213876	1
cg03524461	MLLT10;MLLT10;MLLT10	0.0431058	0.317238	1.15988	1.15988	0.0593596	0.736872	-1.35709	0.195502	0.821687	-1.21701	0.900873	0.982283	-1.01804	0.935916	1.0116	1.0116	0.0229163	1.4776	1.4776	0.0565817	0.733731	-1.3629	0.923522	1.01387	1.01387	0.0208191	1.49047	1.49047	3.58258	1.16767	0.289715	1
cg00178122	MLLT11	0.00795957	0.0150977	0.256455	-3.89931	0.241637	1.74811	1.74811	0.186719	1.89238	1.89238	0.398746	1.48248	1.48248	0.00288104	0.154455	-6.47439	0.0776613	0.409146	-2.44411	0.00650007	0.199503	-5.01247	0.172504	1.93804	1.93804	0.0417977	0.343261	-2.91323	6.35427	20.9002	2.92369	1
cg23242863	MLLT11;CDC42SE1;MLLT11;CDC42SE1	0.00111198	0.00229722	2.1083	2.1083	0.925367	1.01654	1.01654	0.00199035	2.14724	2.14724	0.401118	0.860341	-1.16233	0.381133	0.854504	-1.17027	0.0705897	0.702098	-1.4243	0.00729411	0.545723	-1.83243	0.000839417	0.415057	-2.40931	0.0139916	0.587902	-1.70096	11.417	5.53982	0.431311	1
cg00569385	MLLT11;CDC42SE1;MLLT11;CDC42SE1	0.00439808	0.439641	1.05843	1.05843	0.117576	1.13028	1.13028	0.039922	1.18662	1.18662	0.0428297	0.845387	-1.18289	0.199873	0.907035	-1.10249	0.00673457	0.77636	-1.28806	0.0578615	0.856843	-1.16708	0.000906898	1.42984	1.42984	0.740732	1.02421	1.02421	7.63054	0.627354	0.073081	1
cg15185033	MLLT11;CDC42SE1;MLLT11;CDC42SE1	0.0339692	0.00156545	0.532591	-1.87761	0.954803	0.992172	-1.00789	0.027677	1.43466	1.43466	0.584017	1.07968	1.07968	0.408223	0.889331	-1.12444	0.301532	1.15999	1.15999	0.809554	1.03404	1.03404	0.847503	0.97366	-1.02705	0.654295	0.939418	-1.06449	3.90912	1.19017	0.270631	1
cg13439703	MLLT3	0.00605822	0.0564351	0.745891	-1.34068	0.538433	0.918928	-1.08822	0.50128	1.09708	1.09708	0.370664	0.882691	-1.1329	0.012744	1.5221	1.5221	0.213702	1.19449	1.19449	0.000403202	2.14603	2.14603	0.106791	0.787409	-1.26999	0.291397	0.86191	-1.16021	6.9185	2.01886	0.259383	1
cg14614403	MLLT3	0.00769503	0.0562095	1.76669	1.76669	0.0105842	0.429047	-2.33075	0.389807	1.26104	1.26104	0.500007	0.835111	-1.19745	0.331384	0.768156	-1.30182	0.0416252	0.538912	-1.85559	0.00252131	3.01574	3.01574	0.0650851	0.579774	-1.72481	0.0672173	1.71573	1.71573	6.42211	7.04539	0.975157	1
cg25921461	MLLT3	0.0285681	0.00937792	1.31591	1.31591	0.170758	1.12925	1.12925	0.850733	0.984423	-1.01582	0.561516	1.05014	1.05014	0.00223817	1.42861	1.42861	0.743889	1.0277	1.0277	0.243296	1.1071	1.1071	0.104565	0.862559	-1.15934	0.936462	1.00667	1.00667	4.15822	0.457378	0.0977721	1
cg06034664	MLLT4;MLLT4	0.000225113	0.0574904	0.665392	-1.50287	0.00560449	0.501745	-1.99304	0.00018857	0.302946	-3.30092	0.291768	0.812673	-1.23051	0.00131407	0.412028	-2.42702	0.00301562	0.462522	-2.16206	0.374358	0.841219	-1.18875	0.000110343	3.63396	3.63396	0.131326	1.36192	1.36192	17.7906	10.1313	0.506202	1
cg20775109	MLLT4;MLLT4	0.0057796	0.0717047	0.746883	-1.3389	0.143931	0.796236	-1.25591	0.00529249	0.586548	-1.70489	0.156466	1.24607	1.24607	0.0114276	0.631661	-1.58313	0.00524567	0.586034	-1.70639	0.00751777	1.64752	1.64752	0.178131	0.812485	-1.23079	0.286029	0.851456	-1.17446	7.0197	2.34184	0.296542	1
cg08381955	MLLT4;MLLT4;C6orf124;MLLT4	0.0234614	0.0596643	1.61201	1.61201	0.123384	1.45493	1.45493	0.00112463	2.93677	2.93677	0.328936	1.25404	1.25404	0.67594	0.909875	-1.09905	0.148999	0.706318	-1.41579	0.0999792	1.49924	1.49924	0.372548	1.22835	1.22835	0.0580551	1.61818	1.61818	4.45422	3.56075	0.710587	1
cg11019743	MLLT4;MLLT4;MLLT4	0.000298032	0.154346	1.22817	1.22817	0.0241797	1.43665	1.43665	0.0053666	1.63924	1.63924	0.446441	1.11028	1.11028	0.0053256	0.60961	-1.64039	0.000234872	0.439538	-2.27511	0.000576437	0.487692	-2.05047	0.00117843	1.8994	1.8994	0.52716	0.917258	-1.09021	16.4798	4.74266	0.25581	1
cg02061596	MLLT4;MLLT4;MLLT4	0.00112317	0.539052	1.08887	1.08887	0.636388	0.936883	-1.06737	0.00100712	1.95072	1.95072	0.00690388	0.619567	-1.61403	8.09E-05	0.377682	-2.64773	0.565619	1.08276	1.08276	0.944522	0.990517	-1.00957	0.815719	0.968544	-1.03248	0.274694	0.855905	-1.16835	11.3845	3.37954	0.263871	1
cg14079656	MLLT4;MLLT4;MLLT4	0.0020105	0.0251897	0.704507	-1.41943	0.217211	1.18627	1.18627	0.157326	0.819579	-1.22014	0.0378209	0.728417	-1.37284	0.000253449	0.452317	-2.21084	0.0434434	0.736718	-1.35737	0.00097717	0.524531	-1.90647	0.538205	1.08545	1.08545	0.00265944	0.578808	-1.72769	9.6272	2.63941	0.2437	1
ch.6.3354773R	MLLT4;MLLT4;MLLT4	0.00460141	0.000102897	0.194928	-5.1301	0.725926	0.919679	-1.08734	0.0438051	0.576212	-1.73547	0.0328563	0.552206	-1.81092	0.0264058	0.534559	-1.8707	0.753684	1.07776	1.07776	0.0247073	0.529284	-1.88934	0.660051	1.11105	1.11105	0.540364	0.862892	-1.15889	7.52663	6.74704	0.79682	1
cg10003961	MLLT4;MLLT4;MLLT4	0.0254698	0.191432	1.62605	1.62605	0.0541352	2.15608	2.15608	0.433561	1.32431	1.32431	0.0246494	2.56136	2.56136	0.0193011	0.369831	-2.70393	0.388045	1.36475	1.36475	0.507692	0.789597	-1.26647	0.00603058	3.52906	3.52906	0.41946	1.33638	1.33638	4.32908	8.47138	1.73943	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20450617	MLLT6	0.00625557	0.0107819	0.615101	-1.62575	0.983783	1.00309	1.00309	0.132777	0.781859	-1.279	0.00185942	0.511721	-1.95419	0.0207566	0.655493	-1.52557
cg05250874	MLLT6	0.0121986	0.233438	1.1921	1.1921	0.0230191	0.682222	-1.4658	0.90458	0.983273	-1.01701	0.581683	1.08141	1.08141	0.844958	0.972838	-1.02792
cg21101143	MLLT6	0.0232035	0.0554376	0.740005	-1.35134	0.0182348	0.672014	-1.48806	0.312213	0.865029	-1.15603	0.539818	0.917514	-1.0899	0.0143153	1.52025	1.52025
cg18984002	MLLT6	0.0323259	0.102218	2.50666	2.50666	0.0202706	4.21268	4.21268	0.0452433	3.25536	3.25536	0.0201997	4.21747	4.21747	0.943595	0.964296	-1.03703
cg10974479	MLN;MLN	0.00250632	0.466632	0.891659	-1.12151	4.63E-05	0.30401	-3.28936	0.808062	0.963026	-1.03839	0.0309308	0.67556	-1.48025	0.270313	0.837624	-1.19444
cg03565281	MLN;MLN	0.00568431	0.359176	0.8488	-1.17813	9.48E-05	0.298462	-3.35051	0.497662	1.12718	1.12718	0.0222516	0.620995	-1.61032	0.915401	1.01865	1.01865
cg01493563	MLN;MLN	0.00656869	0.175077	0.738776	-1.35359	0.0816243	0.666878	-1.49952	0.244476	0.774447	-1.29124	0.58246	1.12363	1.12363	0.000314156	0.293426	-3.40801
cg08332212	MLN;MLN	0.0241675	0.00787612	0.172789	-5.78742	0.175012	0.475759	-2.1019	0.00428973	0.139855	-7.15027	0.0401697	0.294921	-3.39074	0.0239173	0.249642	-4.00574
cg07519485	MLN;MLN	0.0248593	0.963499	1.00785	1.00785	0.0813876	1.39087	1.39087	0.103074	0.737443	-1.35604	0.576519	1.10116	1.10116	0.0280374	0.641962	-1.55773
cg10378792	MLN;MLN	0.0377576	0.319783	0.7995	-1.25078	0.135615	0.704642	-1.41916	0.191647	1.35103	1.35103	0.823766	1.04975	1.04975	0.00422801	0.434497	-2.30151
cg21726844	MLNR	0.00604214	0.00185724	6.50862	6.50862	0.00689765	4.40709	4.40709	0.00252277	5.92107	5.92107	0.521914	1.31689	1.31689	0.0519356	2.55453	2.55453
cg20798249	MLNR	0.0113033	0.0514252	2.59225	2.59225	0.00905252	4.15742	4.15742	0.00500689	4.92895	4.92895	0.186928	1.82369	1.82369	0.033451	2.90759	2.90759
cg02620013	MLNR	0.0163838	0.00961046	4.07123	4.07123	0.0221416	3.23762	3.23762	0.586429	0.790367	-1.26523	0.923238	0.959564	-1.04214	0.0214532	3.26532	3.26532
cg11138095	MLNR	0.0455328	0.022729	6.86914	6.86914	0.0221468	6.94889	6.94889	0.0379344	5.47842	5.47842	0.224173	2.46557	2.46557	0.307254	2.11059	2.11059
cg06639874	MLPH;MLPH	0.000426636	0.702092	0.90938	-1.09965	0.000403492	4.01633	4.01633	0.000485105	0.258725	-3.86511	0.140056	0.675425	-1.48055	0.000343912	0.240694	-4.15465
cg09479163	MLPH;MLPH	0.00128993	0.623066	0.865203	-1.1558	0.0546108	0.528754	-1.89124	0.750616	1.09767	1.09767	0.0607195	0.539035	-1.85517	1.34E-05	0.0696284	-14.362
cg18407963	MLPH;MLPH	0.00172507	0.85647	1.03728	1.03728	0.00112825	0.379505	-2.63501	0.000859874	0.363579	-2.75043	0.00207188	0.416169	-2.40287	0.000467721	0.328915	-3.0403
cg00784161	MLPH;MLPH	0.00180149	0.518278	0.865592	-1.15528	0.5511	0.875534	-1.14216	0.00042475	0.29225	-3.42173	0.171457	0.725507	-1.37835	0.0666347	0.635554	-1.57343
cg23369364	MLPH;MLPH	0.00335578	0.112611	0.65065	-1.53692	0.0178498	0.488456	-2.04727	0.00538576	0.40182	-2.48868	0.0187384	0.492215	-2.03163	0.00573428	0.406091	-2.4625
cg24603464	MLPH;MLPH	0.00776111	0.351784	1.37622	1.37622	0.68386	1.14618	1.14618	0.492362	1.26159	1.26159	0.563878	1.21462	1.21462	0.947344	0.97823	-1.02225
cg16426459	MLPH;MLPH	0.0107744	0.00159192	5.54577	5.54577	0.0199632	2.89142	2.89142	0.647432	1.19015	1.19015	0.113607	1.91713	1.91713	0.195892	0.596272	-1.67709
cg00285317	MLPH;MLPH	0.0117121	0.0265311	0.272871	-3.66474	0.11087	0.424044	-2.35824	0.0502123	0.332011	-3.01195	0.552285	1.34576	1.34576	0.655848	0.801288	-1.24799
cg22068687	MLPH;MLPH	0.0129046	0.0233733	0.420085	-2.38047	0.0653173	0.51563	-1.93938	0.00193988	0.245679	-4.07035	0.522965	0.812809	-1.2303	0.00555449	0.311518	-3.21008
cg09067559	MLPH;MLPH	0.0194766	0.0139162	0.135639	-7.37249	0.406974	0.572486	-1.74677	0.32593	0.513287	-1.94823	0.018208	0.151829	-6.58637	0.00419214	0.0802922	-12.4545
cg21750428	MLPH;MLPH	0.0201642	0.431373	0.685034	-1.45978	0.00536283	0.177767	-5.62535	0.0938005	0.419798	-2.3821	0.0438613	0.335837	-2.97763	0.00952085	0.212877	-4.69756
cg24827071	MLPH;MLPH	0.0254731	0.885594	1.05232	1.05232	0.223271	1.57342	1.57342	0.343691	0.707864	-1.4127	0.948728	0.977479	-1.02304	0.00176887	0.206549	-4.84146
cg11692852	MLPH;MLPH;MLPH;MLPH	0.00305434	0.325431	1.15889	1.15889	0.617976	0.929582	-1.07575	0.0355584	0.700925	-1.42669	0.0013515	1.96597	1.96597	0.0201043	1.50266	1.50266
cg09474175	MLST8	0.00378856	0.377433	0.786726	-1.27109	0.00450553	0.366868	-2.72578	0.0212951	0.480434	-2.08145	0.0261338	0.497089	-2.01171	0.256635	1.36834	1.36834
cg03343262	MLST8	0.00479079	0.353954	0.882038	-1.13374	0.669004	1.05824	1.05824	0.130828	0.806765	-1.23952	0.047738	0.742338	-1.3471	0.00219731	0.568301	-1.75963
cg04490516	MLST8	0.013704	0.119409	1.78201	1.78201	0.00262161	4.15515	4.15515	0.00313503	3.97816	3.97816	0.0161223	2.7362	2.7362	0.165246	1.65872	1.65872
cg04079779	MLST8	0.0300228	0.632326	1.24645	1.24645	0.17233	1.94228	1.94228	0.00597047	5.16875	5.16875	0.0306917	3.19043	3.19043	0.0704043	0.396846	-2.51987
cg01500402	MLST8	0.0411071	0.0560371	0.416036	-2.40364	0.712008	1.16212	1.16212	0.963044	1.01895	1.01895	0.753613	0.880214	-1.13609	0.00828796	0.254675	-3.92658
cg03294301	MLX;MLX;MLX	6.77E-05	0.252418	0.775635	-1.28927	0.141927	0.714919	-1.39876	0.0299605	0.581173	-1.72066	0.0391198	1.66096	1.66096	0.835012	0.956644	-1.04532
cg20795913	MLX;MLX;MLX	0.000106521	0.867913	1.02251	1.02251	0.00453873	1.65807	1.65807	0.015566	1.48697	1.48697	0.00066994	2.00577	2.00577	0.0128443	0.661512	-1.51169
cg24535636	MLX;MLX;MLX	0.00347362	0.854358	0.974433	-1.02624	0.397878	0.885142	-1.12976	0.809119	1.0347	1.0347	0.46399	1.11077	1.11077	0.347569	0.872563	-1.14605
cg15999590	MLX;MLX;MLX	0.0106663	0.952924	1.01204	1.01204	0.275983	1.2582	1.2582	0.0525505	1.56322	1.56322	0.00953119	1.9455	1.9455	0.917332	1.02127	1.02127
cg14502606	MLX;MLX;MLX	0.0195409	0.119857	0.752394	-1.32909	0.234092	1.23405	1.23405	0.202669	1.25452	1.25452	0.0367943	1.50522	1.50522	0.717049	1.06328	1.06328
cg15667495	MLX;MLX;MLX	0.0241538	0.951657	1.00623	1.00623	0.262309	1.12727	1.12727	0.734772	0.965748	-1.03547	0.886433	1.01475	1.01475	0.877256	0.984284	-1.01597
cg07241154	MLXIP	3.62E-05	0.152649	1.0603	1.0603	0.00617458	0.868455	-1.15147	1.03E-05	1.50331	1.50331	0.0927626	0.931456	-1.07359	1.63E-05	1.46264	1.46264
cg06610259	MLXIP	0.00018908	0.000278939	0.40367	-2.47727	0.000365325	2.39002	2.39002	0.00777555	1.68457	1.68457	0.342321	1.16101	1.16101	0.000484638	0.433973	-2.30429
cg12414862	MLXIP	0.000235979	0.00499027	0.485052	-2.06163	4.05E-05	0.217502	-4.59767	0.538351	1.12896	1.12896	0.732142	0.935294	-1.06918	2.25E-05	0.191274	-5.22809
cg03844971	MLXIP	0.00874046	0.0783929	0.583432	-1.714	0.141554	1.54595	1.54595	0.158899	1.51432	1.51432	0.552179	0.84726	-1.18028	0.000689497	0.239821	-4.16978
cg07208114	MLXIP	0.0251064	0.969575	1.01171	1.01171	0.518584	1.22103	1.22103	0.692599	0.885816	-1.1289	0.364892	0.752694	-1.32856	0.00214748	0.268405	-3.72572
cg26166956	MLXIP	0.0325393	0.614906	1.13496	1.13496	0.00430423	2.59269	2.59269	0.0621396	1.68892	1.68892	0.306996	1.30203	1.30203	0.257804	1.34272	1.34272
cg12950166	MLXIP	0.033841	0.552143	1.10623	1.10623	0.11753	1.3302	1.3302	0.785601	1.04683	1.04683	0.241276	0.813924	-1.22862	0.660172	1.07709	1.07709
cg22729539	MLXIP	0.0456567	0.0702764	0.427825	-2.3374	0.00838	4.10956	4.10956	0.268129	1.62257	1.62257	0.667698	1.19869	1.19869	0.819187	0.908395	-1.10084
cg13492520	MLXIPL;MLXIPL;MLXIPL;MLXIPL	2.53E-05	0.769363	1.04632	1.04632	0.249732	1.20354	1.20354	0.000882422	0.4641	-2.15471	0.873945	0.975844	-1.02475	0.00101374	0.471936	-2.11893
cg20064905	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.000226765	0.072533	1.58742	1.58742	0.00305806	0.392384	-2.54852	0.00142561	0.345017	-2.89841	0.610232	1.12588	1.12588	0.260323	0.762786	-1.31098
cg03842980	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.000574421	0.313729	1.12805	1.12805	0.376358	1.11069	1.11069	0.00750693	0.671713	-1.48873	0.45739	1.09146	1.09146	0.000246269	0.496441	-2.01434
cg13666696	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.000762898	0.00276436	2.11569	2.11569	0.00219195	0.458528	-2.18089	0.00495629	0.508956	-1.96481	0.00225939	0.460365	-2.17219	0.521826	0.888827	-1.12508
cg03144715	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.00198408	0.000165942	0.539021	-1.85522	0.0151745	1.33283	1.33283	0.0202376	0.763618	-1.30955	0.334331	1.10066	1.10066	0.00937237	0.728087	-1.37346
cg03582798	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.00481743	0.54945	0.869006	-1.15074	0.000730738	0.304143	-3.28793	0.354979	1.24681	1.24681	0.0048982	0.42131	-2.37355	0.00266977	0.381833	-2.61894
cg26545425	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.010816	0.421308	1.13849	1.13849	0.259269	0.830428	-1.2042	0.00943915	0.594866	-1.68105	0.318159	0.849675	-1.17692	0.0453944	0.696039	-1.4367
cg02382795	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.0163178	0.0080871	0.173021	-5.77963	0.129461	0.428548	-2.33346	0.0691024	0.349226	-2.86348	0.680304	0.807097	-1.23901	0.00277681	0.118406	-8.44554
cg12767109	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.0289232	0.836637	0.95916	-1.04258	0.0762838	0.67146	-1.48929	0.711805	1.07782	1.07782	0.240889	1.2814	1.2814	0.247571	1.27653	1.27653
cg15910880	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.030115	0.00831708	0.678098	-1.47471	0.0488695	1.29568	1.29568	0.351042	1.11688	1.11688	0.206769	0.857836	-1.16572	0.565464	1.0692	1.0692
cg03167980	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.0448783	0.358124	0.870966	-1.14815	0.497569	0.904224	-1.10592	0.32453	0.861794	-1.16037	0.00608982	0.592437	-1.68794	0.838622	0.970628	-1.03026
cg07319108	MLYCD	2.38E-05	0.660107	0.934621	-1.06995	0.40891	1.13774	1.13774	0.385542	0.872916	-1.14559	0.163637	0.796823	-1.25498	0.675647	1.0664	1.0664
cg10257471	MLYCD	5.98E-05	0.000212013	0.259408	-3.85494	2.00E-05	0.152359	-6.56345	2.64E-05	0.163448	-6.11817	0.909393	1.02512	1.02512	0.00744602	0.471799	-2.11955
cg26957405	MLYCD	6.75E-05	0.0322779	0.75665	-1.32162	0.100004	0.818353	-1.22197	0.0461799	1.28928	1.28928	0.170972	0.850319	-1.17603	3.05E-05	0.403953	-2.47554
cg00909242	MLYCD	0.000941841	0.203227	0.8121	-1.23137	0.0183695	1.55795	1.55795	0.173832	1.25134	1.25134	0.0415589	0.694793	-1.43928	0.00186949	0.504756	-1.98115
cg00739973	MLYCD	0.00276823	0.0141594	0.374714	-2.6687	0.00212853	0.246653	-4.05428	0.0900352	0.545604	-1.83283	0.689267	0.877805	-1.13921	0.00145248	0.225002	-4.4444
cg05008713	MLYCD	0.0390979	0.155579	0.716387	-1.39589	0.00110764	0.348149	-2.87233	0.426319	1.19518	1.19518	0.301175	0.790457	-1.26509	0.677967	0.912417	-1.09599
cg12845682	MMAA	0.000950804	0.0658656	0.864616	-1.15658	0.440997	1.05695	1.05695	0.00136151	1.38776	1.38776	0.00454566	0.766109	-1.3053	0.0381069	1.18464	1.18464
cg25421002	MMAA	0.00251023	0.00176736	0.22383	-4.46767	0.919836	0.966731	-1.03441	0.428623	0.762155	-1.31207	0.811711	1.08352	1.08352	0.000205268	0.123607	-8.09016
cg16497413	MMAB	0.0451216	0.0234288	0.233337	-4.28564	0.421695	0.643299	-1.55449	0.204297	0.486756	-2.05442	0.402062	0.630693	-1.58556	0.0347527	0.266396	-3.75381
cg01216412	MMAB;MVK;MVK	0.00157523	0.0154752	1.24837	1.24837	0.143104	1.12472	1.12472	0.159633	1.11878	1.11878	0.00436071	1.32902	1.32902	0.000331231	1.54154	1.54154
cg09009474	MMAB;MVK;MVK	0.0336947	0.0306001	0.691658	-1.4458	0.724655	1.05266	1.05266	0.180158	1.22943	1.22943	0.523799	1.09829	1.09829	0.621315	0.930288	-1.07494
cg06530443	MMACHC	0.00136644	0.0214535	0.591845	-1.68963	0.353356	0.834205	-1.19875	0.00731625	1.92794	1.92794	0.0201473	0.587408	-1.70239	0.344211	1.20316	1.20316
cg10089626	MMACHC	0.0030846	0.173425	1.60463	1.60463	0.86225	1.05834	1.05834	0.00387879	0.280867	-3.5604	0.034942	0.448249	-2.2309	0.0252528	0.419526	-2.38364
cg11713727	MMADHC	0.000249689	0.328904	1.39339	1.39339	0.00176091	0.230605	-4.33643	0.11708	0.570947	-1.75148	0.0213766	2.4853	2.4853	0.000117589	0.10862	-9.20643
cg00486525	MMADHC	0.000502326	0.110005	0.452054	-2.21212	0.00879281	0.218567	-4.57527	0.00418694	0.174022	-5.74639	0.861274	1.08298	1.08298	0.000183428	0.056027	-17.8485
cg00833344	MMADHC	0.00253866	0.0447281	0.590714	-1.69287	0.00701982	0.45098	-2.21739	0.000815545	0.315702	-3.16754	0.0131595	0.495432	-2.01844	0.000324321	0.265004	-3.77353
cg18399834	MMADHC	0.0143289	0.00557105	0.110989	-9.00991	0.0194128	0.181529	-5.50875	0.0865805	0.318891	-3.13587	0.110822	0.350316	-2.85457	0.00466025	0.103126	-9.69687
cg15578837	MMADHC	0.0174483	0.0776217	0.301501	-3.31673	0.481905	0.649954	-1.53857	0.978562	1.01629	1.01629	0.126149	0.365231	-2.73799	0.000325213	0.0226387	-44.1721
cg07483086	MMADHC	0.0213727	0.0516183	0.252761	-3.9563	0.0154111	0.157918	-6.33239	0.236974	0.463382	-2.15805	0.247184	2.11953	2.11953	0.0133446	0.149126	-6.70575
cg12086773	MMADHC	0.0378329	0.568005	0.92603	-1.07988	0.168106	1.21603	1.21603	0.0311762	1.40035	1.40035	0.00740835	1.58307	1.58307	0.19311	1.20128	1.20128
cg23494853	MMADHC	0.049553	0.912405	1.01849	1.01849	0.520453	1.11453	1.11453	0.172468	1.27341	1.27341	0.507357	0.894084	-1.11846	0.770694	0.952517	-1.04985
cg24943736	MMD	0.000867301	0.0192702	0.839434	-1.19128	0.0989055	1.11836	1.11836	0.717041	1.02276	1.02276	0.616908	1.03167	1.03167	7.88E-05	0.643147	-1.55486
cg00703445	MMD	0.00348896	0.00457911	0.184727	-5.41341	0.0289235	0.315896	-3.1656	0.0181443	0.277036	-3.60964	0.123108	0.473625	-2.11138	0.000349625	0.0764118	-13.087
cg02886878	MMD	0.00742594	0.530727	1.28173	1.28173	0.477729	0.754052	-1.32617	0.00576313	0.228814	-4.37035	0.027025	0.350261	-2.85501	0.160978	0.554303	-1.80407
cg08254824	MMD	0.01045	0.0100982	0.659834	-1.51553	0.00398224	1.64195	1.64195	0.249204	1.16681	1.16681	0.0365228	0.732499	-1.36519	0.682537	1.05409	1.05409
cg14861570	MMD	0.0108223	0.0200414	0.318684	-3.1379	0.00266529	0.183967	-5.43576	0.225229	0.59507	-1.68047	0.324571	0.660613	-1.51375	0.00982352	0.26445	-3.78143
cg26435501	MMD2;MMD2	7.14E-05	0.182522	1.16172	1.16172	0.00393957	0.662997	-1.5083	0.00356519	0.658125	-1.51947	0.011205	1.40038	1.40038	0.541998	1.06759	1.06759
cg26795738	MMD2;MMD2	0.00105004	0.000700537	2.17385	2.17385	0.0334248	0.688384	-1.45268	0.418257	0.883139	-1.13232	0.838021	0.969715	-1.03123	0.336003	1.16073	1.16073
cg19518388	MMD2;MMD2	0.00369149	0.63298	0.8867	-1.12778	0.587118	0.871936	-1.14687	0.856745	1.0462	1.0462	0.789314	1.06923	1.06923	0.955031	0.986004	-1.01419
cg26468007	MMD2;MMD2;MMD2;MMD2	0.0446439	0.0942627	0.749191	-1.33477	0.0253069	1.51804	1.51804	0.00946497	1.67555	1.67555	0.808107	1.03893	1.03893	0.969071	1.0061	1.0061
cg27235955	MME;MME;MME;MME	1.63E-05	1.42E-06	0.187495	-5.33347	0.547406	0.920302	-1.0866	1.17E-05	0.282005	-3.54603	1.34E-05	0.288453	-3.46677	0.935313	1.01113	1.01113
cg23244600	MME;MME;MME;MME	0.000392514	1.51E-05	0.272249	-3.6731	0.00348278	0.562704	-1.77713	0.000820198	0.481303	-2.07769	0.765982	0.957635	-1.04424	0.0214432	0.669805	-1.49297
cg21496658	MME;MME;MME;MME	0.00832484	0.0982186	0.792846	-1.26128	0.362904	1.12714	1.12714	0.0403744	1.35399	1.35399	0.151993	0.821669	-1.21703	0.933772	0.989419	-1.01069
cg17344755	MME;MME;MME;MME	0.0132312	0.0030374	0.666899	-1.49948	0.10549	0.838266	-1.19294	0.887193	0.985941	-1.01426	0.116225	1.18564	1.18564	0.0115821	0.729873	-1.3701
cg01230154	MME;MME;MME;MME	0.019643	0.0572821	0.672823	-1.48628	0.615693	0.91096	-1.09774	0.0605876	0.677159	-1.47676	0.243254	0.798526	-1.25231	0.00891939	0.541696	-1.84605
cg22471230	MME;MME;MME;MME;MME	0.00650054	0.920341	1.00687	1.00687	0.0902053	1.13634	1.13634	0.643515	0.968604	-1.03241	0.443251	0.947899	-1.05497	0.0246206	0.8326	-1.20106
cg20776977	MMEL1	5.91E-05	0.0229974	0.820055	-1.21943	4.53E-05	0.569575	-1.7557	0.00550542	0.766275	-1.30502	0.153631	1.1179	1.1179	0.0512112	0.850466	-1.17583
cg23606171	MMEL1	0.000160168	0.00177823	0.379031	-2.63831	9.88E-05	0.221486	-4.51496	0.000980764	0.343421	-2.91187	0.328085	1.24624	1.24624	0.00015874	0.244599	-4.08832
cg05838104	MMEL1	0.000228374	0.000598484	0.246549	-4.05598	0.0264698	0.498777	-2.0049	0.239077	0.721834	-1.38536	0.195684	0.696435	-1.43588	0.000278785	0.20766	-4.81557
cg12750103	MMEL1	0.000696829	0.00043157	0.275827	-3.62546	0.00410799	0.41045	-2.43635	0.106924	0.665564	-1.50248	0.0644301	0.618437	-1.61698	0.000682602	0.301087	-3.3213
cg21391741	MMEL1	0.00164959	0.000838435	0.18774	-5.32652	0.846207	0.937402	-1.06678	0.063998	0.500083	-1.99967	0.0453406	2.1474	2.1474	0.000196805	0.124502	-8.03201
cg11382394	MMEL1	0.00342918	0.0152683	0.619657	-1.6138	0.90848	0.981694	-1.01865	0.000365468	0.399586	-2.50259	0.176723	1.2595	1.2595	0.0147582	0.617497	-1.61944
cg21209485	MMEL1	0.0045456	0.000967547	0.329533	-3.0346	0.0704947	1.57908	1.57908	0.570251	0.878398	-1.13844	0.0302195	1.77871	1.77871	0.295812	0.782706	-1.27762
cg00492341	MMEL1	0.00518203	0.0672696	0.441927	-2.26282	0.0215782	0.333252	-3.00073	0.897245	1.0528	1.0528	0.45135	1.35742	1.35742	0.171201	0.559799	-1.78636
cg24117915	MMEL1	0.00526472	0.559539	1.18084	1.18084	0.253641	1.3991	1.3991	0.126982	0.628159	-1.59195	0.502442	1.21135	1.21135	0.89011	1.03971	1.03971
cg10314909	MMEL1	0.00716516	0.630216	0.862238	-1.15977	0.0904285	1.76843	1.76843	0.753229	1.10117	1.10117	0.0200089	0.424117	-2.35784	0.00254359	0.278134	-3.59538
cg01444797	MMEL1	0.00733605	0.00340729	0.264013	-3.78769	0.0623669	0.495637	-2.0176	0.00048957	0.160791	-6.21927	0.0351181	0.439854	-2.27348	0.027844	0.419051	-2.38634
cg14510359	MMEL1	0.010524	0.0704533	0.584545	-1.71073	0.96953	1.0102	1.0102	0.0707589	1.70951	1.70951	0.185252	1.4522	1.4522	0.0165509	0.459596	-2.17583
cg18932078	MMEL1	0.0106368	0.0269767	0.601682	-1.66201	0.011008	0.538661	-1.85645	0.79973	0.951887	-1.05054	0.766101	1.05957	1.05957	0.634957	0.911407	-1.09721
cg09105687	MMEL1	0.0148564	0.0120271	0.628259	-1.5917	0.255198	0.838385	-1.19277	0.00148933	0.506705	-1.97353	0.023091	0.668212	-1.49653	0.168524	0.804339	-1.24326
cg10626107	MMEL1	0.0159918	0.0985584	1.40859	1.40859	0.490904	1.14148	1.14148	0.110538	0.719738	-1.3894	0.00908195	1.87193	1.87193	0.771502	1.05662	1.05662
cg17740752	MMEL1	0.0298635	0.2923	0.52322	-1.91124	0.00498213	0.110395	-9.0584	0.139846	0.389925	-2.5646	0.109024	0.354823	-2.81831	0.020508	0.191097	-5.23293
cg13804377	MMEL1	0.0325592	0.00969091	0.215928	-4.63118	0.58614	1.29367	1.29367	0.0287577	0.298791	-3.34682	0.196007	1.89725	1.89725	0.169193	0.503585	-1.98576
cg14834391	MMEL1	0.0357582	0.330959	0.839282	-1.1915	0.0065309	1.85383	1.85383	0.0959313	1.37627	1.37627	0.112208	0.739286	-1.35266	0.0628349	0.693787	-1.44136
cg25219318	MMEL1	0.0373614	0.146942	0.703562	-1.42134	0.144093	1.42541	1.42541	0.961634	0.989193	-1.01092	0.897822	0.971398	-1.02944	0.849883	1.04373	1.04373
cg07563069	MMEL1;C1orf93	4.33E-05	0.0026974	0.784958	-1.27395	0.542152	0.964604	-1.03669	8.09E-06	0.565662	-1.76784	0.0201798	1.17778	1.17778	2.05E-05	0.604981	-1.65294
cg19750917	MMGT1	0.00127371	0.70425	1.05519	1.05519	0.000417316	0.454627	-2.1996	0.00105625	0.505483	-1.97831	0.483583	0.904583	-1.10548	0.000337343	0.443103	-2.25681
cg00347729	MMP10	5.09E-06	0.250854	0.851013	-1.17507	0.230605	0.844421	-1.18424	0.772736	1.0397	1.0397	0.161346	0.817811	-1.22278	5.44E-07	0.154148	-6.48729
cg02061229	MMP10	0.0293965	0.0153992	4.05497	4.05497	0.701408	1.19888	1.19888	0.786215	1.13655	1.13655	0.158697	2.03262	2.03262	0.479766	1.40246	1.40246
cg23850277	MMP11	0.00212922	0.00386471	0.351957	-2.84126	0.000255108	0.198632	-5.03444	0.00479951	0.366359	-2.72956	0.348961	0.772056	-1.29524	0.00885436	0.409036	-2.44477
cg22418565	MMP11	0.00256522	0.0020304	0.345657	-2.89304	0.0303027	0.53703	-1.86209	0.10248	0.646461	-1.54688	0.628519	0.887787	-1.1264	0.41117	0.814513	-1.22773
cg27598806	MMP11	0.00422581	0.188759	0.831527	-1.20261	0.0492641	0.742777	-1.3463	0.0235644	0.698882	-1.43086	0.268045	0.858249	-1.16516	0.000112234	0.40681	-2.45815
cg21776003	MMP11	0.0399619	0.64413	0.926613	-1.0792	0.77845	1.0473	1.0473	0.0704996	0.718042	-1.39268	0.006282	0.558032	-1.79201	0.338838	0.850827	-1.17533
cg19934709	MMP11	0.0454931	0.016852	1.41203	1.41203	0.298054	1.13614	1.13614	0.536325	1.07691	1.07691	0.888004	1.01681	1.01681	0.0875284	1.25004	1.25004
cg14948108	MMP12	0.00262079	0.0479613	0.312885	-3.19606	0.0291229	0.26675	-3.74883	0.0062742	0.160415	-6.23382	0.0120748	0.200209	-4.99478	0.0045848	0.143774	-6.95535
cg02368591	MMP12	0.0490705	0.132215	0.363401	-2.75178	0.0789145	0.296537	-3.37226	0.420789	0.59904	-1.66934	0.347596	0.547415	-1.82677	0.017904	0.166495	-6.00618
cg19710916	MMP13	0.000350834	0.361646	1.28021	1.28021	0.928271	1.024	1.024	0.000119936	0.170108	-5.87862	0.23088	1.39249	1.39249	0.000632398	0.250735	-3.98827
cg07048132	MMP13	0.0186639	0.0353489	0.322854	-3.09737	0.0536162	0.363801	-2.74875	0.00543223	0.184924	-5.40709	0.0186514	0.268324	-3.72684	0.0196564	0.272468	-3.67016
cg10085326	MMP13	0.033646	0.00540104	0.168611	-5.93082	0.330671	1.62894	1.62894	0.0303333	0.290088	-3.44723	0.767876	0.865994	-1.15474	0.127357	0.448684	-2.22874
cg11717552	MMP14	0.00624044	0.968536	1.0064	1.0064	0.0419204	1.4613	1.4613	0.000408394	0.403153	-2.48045	0.390358	0.86727	-1.15304	0.00557435	0.554862	-1.80225
cg01508380	MMP14	0.00851442	0.185929	0.581847	-1.71866	0.00119932	0.160009	-6.24967	0.434666	1.36043	1.36043	0.477443	0.7566	-1.3217	0.0151485	0.315934	-3.16522
cg25570278	MMP14	0.017652	0.988372	1.00365	1.00365	0.425891	0.816111	-1.22532	0.00898611	2.29398	2.29398	0.003126	0.364258	-2.74531	0.28084	0.755674	-1.32332
cg27020028	MMP14	0.0193564	0.0608459	0.498995	-2.00403	0.0428685	2.15268	2.15268	0.221714	1.52582	1.52582	0.128846	1.71588	1.71588	0.68684	0.875179	-1.14262
cg10576725	MMP14	0.0318382	0.00373692	0.100317	-9.9684	0.177643	2.31941	2.31941	0.48008	0.656016	-1.52435	0.458142	1.55841	1.55841	0.0423552	0.253327	-3.94747
cg14414203	MMP14	0.0416504	0.593948	1.20066	1.20066	0.107292	1.81736	1.81736	0.116333	0.559938	-1.78591	0.772732	1.10341	1.10341	0.00170179	0.218056	-4.58598
cg09208010	MMP14	0.0441423	0.0797129	0.289062	-3.45947	0.0199453	0.166505	-6.00581	0.451021	0.612564	-1.63248	0.216019	0.435642	-2.29546	0.00611713	0.101938	-9.80988
cg27208052	MMP15	0.00469133	0.993262	1.00215	1.00215	0.000542866	3.92624	3.92624	0.367308	1.26565	1.26565	0.511073	1.18479	1.18479	0.108685	0.640765	-1.56064
cg16628556	MMP15	0.0208165	0.233483	1.9464	1.9464	0.086025	0.363715	-2.74941	0.0112653	0.184054	-5.43319	0.603646	1.32212	1.32212	0.0871036	0.365233	-2.73798
cg08514765	MMP15	0.0208236	0.0847228	2.42747	2.42747	0.0350931	3.13291	3.13291	0.158434	2.01635	2.01635	0.398411	1.49506	1.49506	0.0720869	0.393053	-2.54419
cg08552042	MMP15	0.0309647	0.172942	4.19992	4.19992	0.00263999	61.4033	61.4033	0.0670902	7.62012	7.62012	0.438271	2.18657	2.18657	0.252144	0.306142	-3.26646
cg16644760	MMP15	0.0321298	0.633948	0.927352	-1.07834	0.0104603	0.602482	-1.6598	0.00336133	0.534051	-1.87248	0.383484	0.868922	-1.15085	0.007113	0.57889	-1.72744
cg01707233	MMP15	0.040458	0.456255	1.17121	1.17121	0.135641	1.39789	1.39789	0.149787	1.37936	1.37936	0.674963	0.915905	-1.09182	0.00668667	0.480576	-2.08084
cg05910755	MMP15	0.043682	0.161275	0.779642	-1.28264	0.0798006	0.723641	-1.3819	0.823019	1.03798	1.03798	0.114006	0.75121	-1.33119	0.0990005	0.740125	-1.35112
cg03220166	MMP15;MMP15	0.00292369	0.867276	1.0209	1.0209	0.254254	1.15859	1.15859	0.0411445	1.33821	1.33821	0.000647611	0.523659	-1.90964	0.881262	1.01865	1.01865
cg16652241	MMP15;MMP15	0.00454375	0.00730122	0.596435	-1.67663	0.00208861	1.90964	1.90964	0.0734453	1.34737	1.34737	0.479756	0.898241	-1.11329	0.00246048	0.533043	-1.87602

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20450617	0.00582543	0.578201	-1.7295	0.187476	0.809012	-1.23608	0.0654511	0.730731	-1.36849	0.00087517	0.468981	-2.13228	6.85026	2.49732	0.324052	1
cg05250874	0.105062	0.779488	-1.28289	0.000663243	0.480387	-2.08166	0.347145	1.14587	1.14587	0.0252745	0.687878	-1.45375	5.54388	1.73705	0.278514	1
cg21101143	0.00934969	0.633081	-1.57958	0.578456	0.925106	-1.08096	0.492307	0.907809	-1.10155	0.235114	1.18838	1.18838	4.47125	1.36219	0.270804	1
cg18984002	0.909798	1.05996	1.05996	0.00722686	5.93602	5.93602	0.01497	4.65097	4.65097	0.114235	2.41757	2.41757	3.97941	16.639	3.71668	1
cg10974479	0.632624	0.928158	-1.0774	0.00316214	0.535661	-1.86685	0.880417	0.976966	-1.02358	0.0422149	0.696108	-1.43656	9.02533	3.42519	0.337341	1
cg03565281	0.456301	1.14102	1.14102	0.567692	0.904447	-1.10565	0.633326	1.08716	1.08716	0.994076	0.99871	-1.00129	7.05571	3.37844	0.425621	1
cg01493563	0.526233	1.14432	1.14432	0.0289783	0.582486	-1.71678	0.0292426	1.71474	1.71474	0.141605	0.717633	-1.39347	6.74732	4.70948	0.620425	1
cg08332212	0.109174	0.406734	-2.45861	0.016221	0.219984	-4.54578	0.149053	0.450738	-2.21858	0.0309618	0.271303	-3.68591	4.40876	18.5186	3.7337	1
cg07519485	0.0323883	1.53395	1.53395	0.0302443	1.54518	1.54518	0.018344	1.63041	1.63041	0.304619	1.19911	1.19911	4.36579	2.01703	0.410673	1
cg10378792	0.790905	1.05954	1.05954	0.0595435	1.5886	1.5886	0.113213	1.45526	1.45526	0.385688	1.21356	1.21356	3.76193	2.8225	0.666916	1
cg21726844	0.639724	1.22132	1.22132	0.758413	0.877364	-1.13978	0.0032019	5.50962	5.50962	0.0160891	3.48735	3.48735	6.92418	19.7234	2.53198	1
cg20798249	0.213839	1.75452	1.75452	0.00464265	5.03962	5.03962	0.00479823	4.99095	4.99095	0.00920996	4.13726	4.13726	5.68246	16.604	2.59731	1
cg02620013	0.27005	0.611486	-1.63536	0.151235	0.517549	-1.93219	0.00561231	4.7457	4.7457	0.698483	1.18141	1.18141	5.03113	14.6152	2.58218	1
cg11138095	0.919673	1.07389	1.07389	0.671651	1.35165	1.35165	0.00388637	15.6097	15.6097	0.142704	3.04488	3.04488	3.51001	27.7656	7.03147	1
cg06639874	0.703506	0.909814	-1.09913	0.00169986	0.330244	-3.02806	0.0257411	0.519623	-1.92447	0.0347408	0.544236	-1.83744	14.9322	14.4483	0.860086	1
cg09479163	0.569831	1.18278	1.18278	0.659603	0.878491	-1.13832	0.918642	0.97058	-1.03031	0.875226	1.047	1.047	10.9434	14.8052	1.20257	1
cg18407963	0.527128	0.878503	-1.1383	0.0668378	0.660095	-1.51493	0.00467088	0.467494	-2.13906	0.0763005	0.671206	-1.48986	10.065	6.51481	0.575352	1
cg00784161	0.768378	0.936986	-1.06725	0.0271987	0.56207	-1.77914	6.07E-05	0.195482	-5.11556	0.719806	0.92368	-1.08263	9.93939	7.64648	0.683832	1
cg23369364	0.0119301	0.458073	-2.18306	0.000378939	0.243394	-4.10856	0.00165226	0.326067	-3.06685	0.0245112	0.513397	-1.94781	8.27727	8.11742	0.871723	1
cg24603464	0.998474	1.00064	1.00064	0.259876	0.675928	-1.47945	8.81E-05	10.399	10.399	0.98683	0.994514	-1.00552	6.40489	11.2656	1.56347	1
cg16426459	0.26131	0.642194	-1.55716	0.0715806	0.467383	-2.13957	0.658662	1.18302	1.18302	0.0159102	3.05326	3.05326	5.77089	13.0624	2.012	1
cg00285317	0.66514	0.806478	-1.23996	0.000669129	0.076466	-13.0777	0.0052438	0.162252	-6.16327	0.0750531	0.375653	-2.66203	5.61754	21.7025	3.43408	1
cg22068687	0.300311	0.709205	-1.41003	0.00276408	0.266704	-3.74948	0.104974	0.567121	-1.76329	0.15682	0.615822	-1.62385	5.44322	8.83545	1.44285	1
cg09067559	0.091707	0.29495	-3.39041	0.00363676	0.0752427	-13.2903	0.0279943	0.181414	-5.51224	0.183757	0.395631	-2.52761	4.74709	32.5054	6.08661	1
cg21750428	0.689807	0.827805	-1.20801	0.00267463	0.141469	-7.06868	0.944227	1.03351	1.03351	0.123005	0.455172	-2.19697	4.6915	16.4866	3.12368	1
cg24827071	0.361498	0.717311	-1.3941	0.118628	0.548793	-1.82218	0.0214278	2.66169	2.66169	0.935987	0.971949	-1.02886	4.32889	8.60155	1.76623	1
cg11692852	0.938456	0.988848	-1.01128	0.700065	1.05783	1.05783	0.000493746	2.20834	2.20834	0.0128344	1.56644	1.56644	8.51264	2.84362	0.29693	1
cg09474175	0.00191432	0.312257	-3.20249	0.914767	0.972042	-1.02876	0.0612011	1.74843	1.74843	0.0128816	2.26567	2.26567	7.9819	8.86817	0.987587	1
cg03343262	0.260585	0.856898	-1.167	0.000187099	0.436124	-2.29292	0.30219	1.15105	1.15105	0.834759	0.972882	-1.02787	7.43486	2.03975	0.243866	1
cg04490516	0.0279054	2.43083	2.43083	0.220669	0.643898	-1.55304	0.221418	1.55182	1.55182	0.335662	1.40414	1.40414	5.33721	9.88048	1.64555	1
cg04079779	0.947648	1.03046	1.03046	0.046608	0.352964	-2.83315	0.973048	0.984679	-1.01556	0.445892	0.701096	-1.42634	4.08573	13.5152	2.94035	1
cg01500402	0.229695	0.600077	-1.66645	0.00413529	0.21054	-4.7497	0.144626	0.529983	-1.88685	0.0924387	0.47218	-2.11784	3.64622	9.48189	2.31153	1
cg03294301	6.53E-07	0.0558064	-17.9191	0.881553	1.03219	1.03219	0.0311246	0.584119	-1.71198	0.926856	1.01971	1.01971	24.5639	17.5716	0.635859	1
cg20795913	0.112013	1.26041	1.26041	0.00137794	0.537656	-1.85993	3.69E-05	2.89027	2.89027	0.000157685	2.37372	2.37372	21.7694	6.16672	0.2518	1
cg24535636	0.705783	1.05491	1.05491	3.64E-05	0.32596	-3.06786	0.855889	1.02595	1.02595	0.694633	1.05719	1.05719	8.19233	2.57765	0.279681	1
cg15999590	0.251403	1.27491	1.27491	0.0404539	0.618985	-1.61555	0.00251361	2.34086	2.34086	0.00675086	2.0376	2.0376	5.78964	3.76682	0.578323	1
cg14502606	0.0378	0.666237	-1.50097	0.00461649	0.529686	-1.88791	0.776772	0.953206	-1.04909	0.0791219	1.3891	1.3891	4.74179	2.1346	0.400149	1
cg15667495	0.158686	0.856912	-1.16698	0.000525556	0.574764	-1.73984	0.240007	1.13439	1.13439	0.712097	1.03872	1.03872	4.40963	0.73366	0.14789	1
cg07241154	5.33E-05	1.3735	1.3735	0.0502148	0.917419	-1.09001	0.00327604	1.17288	1.17288	0.0022563	1.18632	1.18632	39.2098	0.869565	0.017249	1
cg06610259	0.510569	0.903177	-1.1072	0.94032	0.98864	-1.01149	0.354827	0.864809	-1.15632	0.000304346	0.408417	-2.44848	18.6528	6.8786	0.327795	1
cg12414862	0.00236752	0.438043	-2.28288	0.367266	0.834996	-1.19761	0.0767912	0.681684	-1.46695	0.00319642	0.456717	-2.18954	17.5639	10.5451	0.533676	1
cg03844971	0.0915798	0.599312	-1.66858	0.0108741	0.414279	-2.41383	0.0499967	0.540116	-1.85145	0.798704	1.07297	1.07297	6.16933	7.42089	1.06922	1
cg07208114	0.125519	0.60295	-1.65851	0.0931596	0.569161	-1.75697	0.0170786	2.42829	2.42829	0.401718	0.769595	-1.29939	4.3508	6.41603	1.31082	1
cg26166956	0.0333941	0.537729	-1.85967	0.0558771	1.71698	1.71698	0.75265	1.0821	1.0821	0.376653	0.797391	-1.25409	3.97004	3.91607	0.876805	1
cg12950166	0.553683	1.10579	1.10579	0.0010055	0.440688	-2.26918	0.923594	1.01623	1.01623	0.415027	1.15009	1.15009	3.91445	1.74658	0.396612	1
cg22729539	0.0246103	3.07462	3.07462	0.163547	1.86624	1.86624	0.0476456	2.58679	2.58679	0.427581	1.40477	1.40477	3.50643	9.77799	2.47874	1
cg13492520	0.548827	0.910802	-1.09793	3.04E-07	0.0994357	-10.0567	0.00849365	0.596081	-1.67763	0.0648295	0.726604	-1.37627	31.8341	11.9594	0.333938	1
cg20064905	0.00104262	0.326474	-3.06303	2.05E-05	0.137482	-7.27365	0.000710121	0.304394	-3.28522	0.244602	1.32409	1.32409	17.7552	14.9569	0.748795	1
cg03842980	0.00245623	0.614349	-1.62774	5.52E-05	0.419879	-2.38164	0.146539	0.835093	-1.19747	0.807032	0.972097	-1.0287	13.7498	2.91218	0.188265	1
cg13666696	0.0397051	1.5399	1.5399	0.00135343	2.32738	2.32738	0.59268	0.906628	-1.10299	0.308702	1.21076	1.21076	12.7006	6.62831	0.463903	1
cg03144715	0.872335	0.984629	-1.01561	0.0105732	0.73363	-1.36308	0.140623	0.858414	-1.16494	0.608513	1.05102	1.05102	9.66438	1.42005	0.130611	1
cg03582798	0.0937716	0.652323	-1.53298	0.356644	1.24581	1.24581	0.872858	0.963554	-1.03782	0.196893	1.37201	1.37201	7.42231	6.31743	0.756569	1
cg26545425	0.124574	0.769103	-1.30022	0.00819625	0.586205	-1.70589	0.000640575	0.437175	-2.28741	0.111166	0.760346	-1.31519	5.76374	2.27544	0.35092	1
cg02382795	0.0265989	0.25683	-3.89363	0.015596	0.215713	-4.63579	0.00689738	0.163812	-6.10457	0.157116	0.457192	-2.18727	5.0379	21.3473	3.76652	1
cg12767109	0.0166975	1.80412	1.80412	0.00183821	2.44374	2.44374	0.33268	1.22363	1.22363	0.828565	1.04477	1.04477	4.14011	2.67432	0.574181	1
cg15910880	0.0449312	0.767174	-1.30348	0.537572	0.930635	-1.07454	0.0406853	1.31277	1.31277	0.553629	1.07144	1.07144	4.08128	0.857276	0.186712	1
cg03167980	0.144271	0.79509	-1.25772	0.73372	1.05119	1.05119	0.0210762	1.50017	1.50017	0.184003	1.2288	1.2288	3.5291	1.19458	0.300885	1
cg07319108	0.12543	0.77617	-1.28838	1.95E-07	0.0885489	-11.2932	0.885943	1.02217	1.02217	0.0788448	1.34739	1.34739	32.3813	11.9714	0.328623	1
cg10257471	0.024615	0.557993	-1.79214	0.000160204	0.245209	-4.07816	0.000144263	0.239996	-4.16673	0.000238912	0.265576	-3.7654	25.3933	19.1068	0.668832	1
cg26957405	2.63E-06	0.283906	-3.52229	0.174198	1.17442	1.17442	0.459136	0.919582	-1.08745	0.0196598	0.730919	-1.36814	24.5891	4.81767	0.174158	1
cg00909242	5.27E-05	0.310259	-3.22312	0.744956	1.05188	1.05188	0.289987	1.18552	1.18552	0.0976415	0.754556	-1.32528	11.9679	4.55154	0.338054	1
cg00739973	0.00154038	0.228248	-4.3812	0.000541514	0.174815	-5.72033	0.341273	0.727616	-1.37435	0.0478663	0.480212	-2.08241	8.76451	14.5954	1.48025	1
cg05008713	0.968069	1.00883	1.00883	0.243902	1.30685	1.30685	0.51946	1.15412	1.15412	0.683522	1.09414	1.09414	3.71416	2.83421	0.678296	1
cg12845682	0.0028277	0.748381	-1.33622	0.000802678	0.700042	-1.42849	0.171328	1.10811	1.10811	0.355052	1.06936	1.06936	11.9359	0.939214	0.0699449	1
cg25421002	0.559029	0.819882	-1.21969	0.00861217	0.324319	-3.08338	0.0542831	2.08356	2.08356	0.0278919	0.41756	-2.39486	9.02119	16.1408	1.59041	1
cg16497413	0.120258	0.404212	-2.47395	0.00781611	0.159606	-6.26542	0.00898661	0.167704	-5.96289	0.078681	0.350071	-2.85656	3.52197	16.1134	4.06676	1
cg01216412	0.002868	1.35847	1.35847	0.423774	1.06292	1.06292	0.485521	0.948446	-1.05436	0.000257579	1.5672	1.5672	10.3328	0.912856	0.078529	1
cg09009474	0.275247	0.848128	-1.17907	0.00735076	0.605692	-1.65101	0.0646722	1.35141	1.35141	0.105211	1.29291	1.29291	3.92056	1.30765	0.296476	1
cg06530443	0.00048456	0.353983	-2.825	0.00642742	1.95987	1.95987	0.805899	0.954341	-1.04784	0.00525509	0.497229	-2.01114	10.7642	6.14327	0.5073	1
cg10089626	0.791283	0.917048	-1.09045	0.00012846	0.113756	-8.79075	0.484121	1.2613	1.2613	0.236804	0.667195	-1.49881	8.48772	14.3287	1.50059	1
cg11713727	0.013942	0.367932	-2.71789	0.000129389	0.111959	-8.93187	0.000219056	0.131556	-7.6013	0.184883	0.629431	-1.58874	17.2958	29.6892	1.52582	1
cg00486525	0.00130201	0.118323	-8.45143	3.79E-05	0.0272012	-36.7631	0.00741241	0.2076	-4.81695	0.207714	0.545819	-1.83211	14.2721	46.9537	2.92435	1
cg00833344	0.00990367	0.475006	-2.10524	0.123066	0.682725	-1.46472	0.548751	0.870562	-1.14868	0.00327887	0.40033	-2.49794	8.99133	7.43244	0.734777	1
cg18399834	0.12075	0.362053	-2.76202	0.00360085	0.0925831	-10.8011	0.0144906	0.162234	-6.16394	0.0816653	0.311918	-3.20597	5.25955	30.3646	5.13176	1
cg15578837	0.674179	0.775326	-1.28978	0.0498528	0.25331	-3.94774	0.819009	0.871232	-1.1478	0.666823	0.770538	-1.2978	5.51006	30.8864	4.3598	1
cg07483086	0.163414	0.397147	-2.51796	0.00389894	0.0895909	-11.1619	0.0244158	0.189213	-5.28505	0.251463	0.475291	-2.10398	4.59929	28.0754	5.42604	1
cg12086773	0.0585457	0.752342	-1.32918	0.171749	1.21376	1.21376	0.246743	1.17502	1.17502	0.0644363	1.31867	1.31867	3.75919	1.05564	0.249613	1
cg23494853	0.429019	1.14383	1.14383	0.00193412	0.481809	-2.07551	0.594961	1.09343	1.09343	0.134526	1.3081	1.3081	3.39971	1.4918	0.390045	1
cg24943736	0.088531	0.890319	-1.12319	0.472514	0.955827	-1.04621	0.000385591	0.70456	-1.41933	0.00356521	0.783393	-1.2765	12.2501	0.741664	0.0538166	1
cg00703445	0.00147878	0.128469	-7.78397	0.183752	0.532084	-1.8794	0.00575455	0.198053	-5.04916	0.0172983	0.273303	-3.65894	8.18154	25.9376	2.81801	1
cg02886878	0.00579135	0.229142	-4.36411	0.0894229	2.09959	2.09959	0.0296734	2.78617	2.78617	0.027199	2.85022	2.85022	7.44672	17.569	1.835	1
cg08254824	0.0205758	0.699556	-1.42948	0.743585	0.958826	-1.04294	0.865496	1.02195	1.02195	0.0907918	1.26955	1.26955	5.82785	1.51447	0.230994	1
cg14861570	0.044632	0.390785	-2.55895	0.00248244	0.18018	-5.55	0.00720133	0.243269	-4.11068	0.115586	0.498019	-2.00795	5.76266	15.1579	2.33811	1
cg26435501	0.126595	1.19136	1.19136	0.94205	1.00773	1.00773	2.09E-06	3.44485	3.44485	0.00490037	1.48446	1.48446	24.2234	4.30722	0.158055	1
cg26795738	0.0139747	0.633769	-1.57786	0.000489133	2.27223	2.27223	0.00173845	1.95607	1.95607	0.434619	1.12724	1.12724	11.6046	4.14867	0.31778	1
cg19518388	0.963702	1.01144	1.01144	0.0133802	0.46501	-2.15049	8.01E-05	5.9308	5.9308	0.211996	1.38902	1.38902	8.04436	7.95908	0.879466	1
cg26468007	0.0858265	0.742297	-1.34717	0.31132	1.17871	1.17871	0.944948	1.0109	1.0109	0.153265	1.27131	1.27131	3.53602	1.37991	0.346884	1
cg27235955	0.0358986	0.71679	-1.39511	0.255644	1.17572	1.17572	0.492862	1.09966	1.09966	0.00465581	0.598469	-1.67093	35.7566	10.5381	0.26197	1
cg23244600	0.0273163	0.684735	-1.46042	0.12495	1.27237	1.27237	0.259278	0.843089	-1.18611	0.00254837	0.544898	-1.8352	15.2796	5.08994	0.296107	1
cg21496658	0.0124314	0.67156	-1.48907	0.000986286	0.534326	-1.87152	0.18043	1.19966	1.19966	0.238182	1.17132	1.17132	6.26508	1.62536	0.230606	1
cg17344755	0.722857	0.965102	-1.03616	0.00413798	0.681459	-1.46744	0.317137	0.901986	-1.10866	0.482794	1.07374	1.07374	5.39894	0.850859	0.140086	1
cg01230154	0.0362544	0.6385	-1.56617	0.688037	1.07721	1.07721	0.0577556	1.48488	1.48488	0.00664569	0.52256	-1.91366	4.73342	2.54526	0.477974	1
cg22471230	0.224973	0.91646	-1.09115	0.000380698	0.678123	-1.47466	0.901876	1.00848	1.00848	0.0186421	1.21556	1.21556	6.7692	0.5023	0.0659589	1
cg20776977	0.011174	0.792959	-1.2611	7.52E-06	2.05165	2.05165	0.252036	1.09122	1.09122	0.273656	0.920253	-1.08666	25.4663	2.1466	0.074926	1
cg23606171	0.16127	0.721635	-1.38574	4.21E-05	0.182799	-5.4705	0.157712	1.39015	1.39015	0.146372	0.711785	-1.40492	19.5087	14.6919	0.669416	1
cg05838104	0.00160403	0.302258	-3.30843	1.19E-05	0.0863562	-11.5799	0.157371	1.49145	1.49145	0.0201773	0.476767	-2.09746	17.7211	19.6171	0.983989	1
cg12750103	0.0333812	0.562652	-1.7773	9.92E-05	0.202266	-4.94399	0.0004561	0.278815	-3.5866	0.103363	0.662273	-1.50995	13.0275	11.0399	0.753274	1
cg21391741	0.0791905	0.522692	-1.91317	0.534452	0.81104	-1.23299	0.0825508	1.89668	1.89668	0.021669	0.399431	-2.50356	10.1961	17.8954	1.5601	1
cg11382394	0.000940225	0.452591	-2.2095	0.112349	0.757506	-1.32012	0.107767	0.754299	-1.32574	0.11217	0.757383	-1.32034	8.22394	3.36197	0.363381	1
cg21209485	0.00758707	2.17288	2.17288	0.0843849	1.53948	1.53948	0.201258	0.737114	-1.35664	0.072529	0.635825	-1.57276	7.55457	6.11081	0.719012	1
cg00492341	0.052426	0.415476	-2.40688	0.000196682	0.0827027	-12.0915	0.00900925	0.266525	-3.752	0.0211774	0.331687	-3.01489	7.25883	18.2308	2.23247	1
cg24117915	0.816662	0.936675	-1.06761	0.000290593	0.189279	-5.2832	0.00428142	0.340821	-2.93409	0.0179413	0.444768	-2.24836	7.22375	9.07864	1.11714	1
cg10314909	0.00492311	0.320365	-3.12144	0.0217242	0.430896	-2.32074	0.0194943	0.421987	-2.36974	0.0179505	0.4153	-2.4079	6.56716	9.71139	1.31447	1
cg01444797	0.566729	0.823857	-1.2138	0.0101404	0.337857	-2.95984	0.0293491	0.423691	-2.36021	0.478553	0.785794	-1.2726	6.51895	11.5592	1.57615	1
cg14510359	0.0141278	0.447413	-2.23507	0.0127445	0.43961	-2.27474	0.0272774	2.00113	2.00113	0.154261	0.666982	-1.49929	5.81467	6.49451	0.992815	1
cg18932078	0.000805015	0.374983	-2.66679	0.794278	0.950576	-1.05199	0.00688812	0.507355	-1.97101	0.0389122	0.628937	-1.58998	5.7948	3.45279	0.529639	1
cg09105687	0.0387561	0.70107	-1.42639	0.0755401	0.745594	-1.34121	0.00433804	0.567972	-1.76065	0.10768	0.770656	-1.2976	5.19719	1.81255	0.310006	1
cg10626107	0.00519812	2.00872	2.00872	0.00400897	2.07768	2.07768	0.0985069	1.40868	1.40868	0.442174	1.15975	1.15975	5.07186	2.87298	0.503516	1
cg17740752	0.0528365	0.271237	-3.68682	0.00545085	0.114474	-8.73562	0.0356519	0.234649	-4.26168	0.109799	0.355769	-2.81081	4.09345	22.7869	4.94816	1
cg13804377	0.0887594	0.415072	-2.40922	0.125693	2.17304	2.17304	0.579183	0.769222	-1.30001	0.0343401	0.314686	-3.17777	3.96917	13.7899	3.08824	1
cg14834391	0.146026	0.761406	-1.31336	0.905049	0.979373	-1.02106	0.679345	1.0753	1.0753	0.129961	0.751487	-1.3307	3.83721	1.85404	0.429488	1
cg25219318	0.0918046	0.657524	-1.52086	0.0339817	0.571744	-1.74904	0.0466051	1.67316	1.67316	0.0144463	1.97558	1.97558	3.77645	3.05157	0.718268	1
cg07563069	0.0094091	0.825087	-1.21199	0.000262496	0.704438	-1.41957	0.000264813	0.70476	-1.41892	0.000941301	0.749659	-1.33394	27.6497	1.49372	0.0480203	1
cg19750917	0.00128706	0.516416	-1.93642	0.0169535	0.663531	-1.50709	0.309272	0.862251	-1.15975	0.465562	0.900684	-1.11027	10.9831	3.45101	0.279299	1
cg00347729	0.000112558	0.401571	-2.49022	1.51E-06	0.194484	-5.1418	0.00139693	1.86358	1.86358	0.0956173	1.27909	1.27909	48.3089	13.8331	0.25453	1
cg02061229	0.730952	0.850004	-1.17647	0.0393465	0.325505	-3.07214	0.0030109	6.78697	6.78697	0.406191	1.49194	1.49194	4.1164	14.4516	3.12067	1
cg23850277	0.493425	0.829768	-1.20516	0.183332	0.684697	-1.4605	0.000456899	0.227405	-4.39743	0.0927473	0.608781	-1.64263	9.46738	10.7936	1.01341	1
cg22418565	0.219499	0.729621	-1.37057	0.286617	1.31015	1.31015	9.81E-05	0.184647	-5.41573	0.00882126	0.443063	-2.25701	8.9638	8.46164	0.839092	1
cg27598806	0.01316	0.665432	-1.50278	0.115911	1.25409	1.25409	0.368548	0.884821	-1.13017	0.369415	0.885027	-1.12991	7.72339	2.1474	0.247146	1
cg21776003	0.0130091	1.65689	1.65689	0.421027	0.873983	-1.14419	0.261811	0.825527	-1.21135	0.781938	1.04652	1.04652	3.68443	1.56675	0.377986	1
cg19934709	0.0185195	1.40206	1.40206	0.585617	1.06731	1.06731	0.0140933	1.43124	1.43124	0.0110824	1.45775	1.45775	3.51116	0.77857	0.197104	1
cg14948108	0.00221949	0.110492	-9.05041	0.000267804	0.0462469	-21.6231	0.270545	0.55457	-1.8032	0.00304557	0.124166	-8.05371	8.90734	37.2587	3.71815	1
cg02368591	0.0252648	0.190621	-5.246	0.00476479	0.0968202	-10.3284	0.315005	0.523439	-1.91044	0.0419535	0.232137	-4.3078	3.41236	20.9791	5.46486	1
cg19710916	0.205312	0.703264	-1.42194	4.42E-05	0.13012	-7.68523	0.837781	1.05549	1.05549	0.016579	0.462594	-2.16172	15.7589	17.321	0.976997	1
cg07048132	0.0155513	0.254386	-3.93103	0.0153888	0.2536	-3.94322	0.0145688	0.249536	-4.00744	0.058897	0.37373	-2.67573	4.816	16.2348	2.99645	1
cg10085326	0.00837662	0.194482	-5.14187	0.569216	0.75605	-1.32266	0.736665	1.17829	1.17829	0.110567	0.429458	-2.32852	3.92261	14.6801	3.32661	1
cg11717552	0.339278	0.852692	-1.17276	0.110843	1.32454	1.32454	0.548852	0.90652	-1.10312	0.402544	0.870571	-1.14867	6.8554	2.84214	0.36852	1
cg01508380	0.159398	0.559536	-1.78719	0.00226037	0.192046	-5.20708	0.00781152	0.267526	-3.73795	0.153653	0.554394	-1.80377	6.22069	14.6903	2.09914	1
cg25570278	0.069504	1.66099	1.66099	0.125804	0.660997	-1.51287	0.19803	0.711763	-1.40496	0.894343	1.03377	1.03377	4.90721	4.85442	0.879327	1
cg27020028	0.0353356	2.23947	2.23947	0.0159301	0.37868	-2.64075	0.0376201	2.21093	2.21093	0.197349	0.638702	-1.56567	4.75705	8.15375	1.52359	1
cg10576725	0.278861	1.93713	1.93713	?	?	?	0.783291	1.17575	1.17575	?	?	?	4.15069	17.6332	4.85516	1
cg14414203	0.214011	0.641066	-1.5599	0.255655	0.668127	-1.49672	0.983779	0.993115	-1.00693	0.891778	1.04735	1.04735	3.62855	6.63705	1.62588	1
cg09208010	0.283727	0.491274	-2.03552	0.0107209	0.129181	-7.74107	0.0758744	0.283427	-3.52824	0.0596133	0.257514	-3.88328	3.55098	22.9056	5.73377	1
cg27208052	0.368818	1.26466	1.26466	0.0020022	3.03289	3.03289	0.0031801	2.78668	2.78668	0.405649	1.24163	1.24163	7.48248	7.66884	0.911028	1
cg16628556	0.0245947	0.239957	-4.16741	0.00342534	0.120032	-8.33112	0.743877	1.191	1.191	0.121751	0.408882	-2.44569	4.64091	20.8922	4.00156	1
cg08514765	0.0332952	3.18101	3.18101	0.00329789	6.43678	6.43678	0.0268764	3.38517	3.38517	0.11379	2.22623	2.22623	4.64037	15.9013	3.04598	1
cg08552042	0.157239	4.46706	4.46706	0.0208479	15.6734	15.6734	0.0298333	12.5467	12.5467	0.214637	3.64245	3.64245	4.04107	62.666	13.7843	1
cg16644760	0.401612	0.873743	-1.1445	0.819566	1.03657	1.03657	0.506802	0.899523	-1.1117	0.237787	0.823305	-1.21462	3.98809	1.5613	0.347991	1
cg01707233	0.277539	1.26517	1.26517	0.0483292	1.59986	1.59986	0.141696	1.38972	1.38972	0.088781	1.47845	1.47845	3.66771	2.51995	0.610723	1
cg05910755	0.405689	0.868017	-1.15205	0.00258927	0.499246	-2.00302	0.14421	1.29824	1.29824	0.997941	0.999571	-1.00043	3.5649	1.56302	0.389731	1
cg03220166	0.0903003	0.793898	-1.25961	0.00287466	1.6603	1.6603	0.0650091	1.292	1.292	0.0166443	1.43552	1.43552	8.62383	2.08821	0.215239	1
cg16652241	0.771779	0.957485	-1.0444	0.618097	1.07797	1.07797	0.136399	1.27088	1.27088	0.217807	1.21369	1.21369	7.5555	2.67026	0.31415	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17101720	MMP16;MMP16	0.000271481	0.0124555	0.682411	-1.46539	8.17E-05	0.417793	-2.39353	0.00666818	0.648851	-1.54119	0.000496349	0.51181	-1.95385	0.00385197	0.619678	-1.61374	0.00400184	0.621701	-1.60849	2.63E-05	0.359835	-2.77905	0.940018	0.990795	-1.00929	0.0186295	0.704337	-1.41977	16.9055	4.04306	0.212583	1
cg19597545	MMP16;MMP16	0.000311067	0.209776	0.782876	-1.27734	0.00427358	2.02963	2.02963	0.365918	1.18771	1.18771	0.0604233	0.675623	-1.48012	9.05E-06	0.168718	-5.92703	0.324864	0.82839	-1.20716	0.00201592	0.446298	-2.24065	0.840998	0.963485	-1.0379	0.0824058	0.700269	-1.42802	16.2878	8.84653	0.482791	1
cg07007122	MMP16;MMP16	0.000553378	0.00325	0.353596	-2.82808	0.0402716	0.541309	-1.84737	0.00305704	0.349657	-2.85994	0.828092	1.05795	1.05795	0.00124233	0.294549	-3.39502	0.00212677	0.326819	-3.0598	0.000258742	0.210723	-4.74558	0.00374874	2.75571	2.75571	0.0237803	0.49711	-2.01163	13.8934	14.7644	0.944613	1
cg19130189	MMP16;MMP16	0.0132837	0.129478	0.375728	-2.6615	0.00524328	0.110758	-9.02873	0.00572696	0.11479	-8.71153	0.515598	0.674392	-1.48282	0.0393663	0.240662	-4.1552	0.107552	0.350103	-2.8563	0.00184311	0.0711664	-14.0516	0.769653	1.1918	1.1918	0.0411978	0.244761	-4.08562	5.39196	30.4947	5.02719	1
cg02695697	MMP16;MMP16	0.0227761	0.202133	0.583192	-1.7147	0.119263	0.508171	-1.96784	0.359573	0.685797	-1.45816	0.362943	1.4541	1.4541	0.0624339	0.43185	-2.31562	0.93122	0.966026	-1.03517	0.00817114	0.25787	-3.87792	0.00542486	4.32804	4.32804	0.760421	0.884742	-1.13027	4.5	11.4262	2.25702	1
cg12854428	MMP16;MMP16	0.0248264	0.101117	0.560661	-1.78361	0.537623	0.817778	-1.22283	0.060736	0.505897	-1.97669	0.404579	0.759675	-1.31635	0.011496	0.360973	-2.77029	0.0666026	0.515339	-1.94047	0.00514916	0.303987	-3.28961	0.117989	1.72824	1.72824	0.0312789	0.442917	-2.25776	4.3678	7.18595	1.46241	1
cg12818557	MMP16;MMP16	0.048885	0.190427	0.849766	-1.1768	0.555838	1.07245	1.07245	0.653234	0.948288	-1.05453	0.748227	0.962895	-1.03853	0.100994	0.809874	-1.23476	0.549697	0.931402	-1.07365	0.00089343	0.557635	-1.79329	0.719919	0.958607	-1.04318	0.46241	0.915917	-1.0918	3.41726	0.746053	0.194061	1
cg02714882	MMP17	5.39E-06	0.00336707	0.522875	-1.9125	0.417019	0.873852	-1.14436	0.224102	0.812513	-1.23075	0.00100403	0.452099	-2.2119	0.461341	1.12966	1.12966	8.06E-07	0.116662	-8.57178	0.644406	0.927226	-1.07849	0.000235294	0.371156	-2.69428	3.35E-07	0.0901556	-11.0919	47.6	19.9248	0.372078	1
cg14549973	MMP17	0.000891425	0.00748613	0.456377	-2.19117	0.000116268	0.21463	-4.65919	0.0406353	0.58357	-1.71359	0.027321	0.551584	-1.81296	0.0386032	0.579346	-1.72609	0.000394194	0.276328	-3.61889	0.000285956	0.259358	-3.85567	0.814274	0.947795	-1.05508	0.0306863	0.560783	-1.78322	12.1555	9.99413	0.730833	1
cg20519577	MMP17	0.00245586	0.0072017	0.587314	-1.70267	0.203577	1.22863	1.22863	0.0906259	0.751229	-1.33115	0.604571	1.08345	1.08345	0.000125051	0.358621	-2.78846	0.0174766	0.641563	-1.55869	0.0124222	0.620407	-1.61185	0.222582	1.21733	1.21733	0.22134	0.820992	-1.21804	9.0795	3.38519	0.331412	1
cg15284433	MMP17	0.00744314	0.176826	1.6132	1.6132	0.0345587	2.27269	2.27269	0.0612823	2.01859	2.01859	0.0884573	1.87026	1.87026	0.000964978	0.194585	-5.13913	0.689571	0.874813	-1.1431	0.0166673	0.377703	-2.64758	0.837654	0.933943	-1.07073	0.506227	0.798787	-1.2519	6.48946	11.404	1.56206	1
cg23149053	MMP17	0.0163418	0.576292	0.837361	-1.19423	0.344904	1.3578	1.3578	0.407862	1.30496	1.30496	0.384555	1.32354	1.32354	0.000754205	0.200625	-4.98441	0.914474	0.966787	-1.03435	0.68928	0.881294	-1.1347	0.00763937	0.340198	-2.93946	0.871142	1.05236	1.05236	5.03543	7.88342	1.39164	1
cg10870917	MMP17	0.0171825	0.00224356	0.643317	-1.55444	0.612142	1.05413	1.05413	0.672463	1.04482	1.04482	0.50935	1.07145	1.07145	0.0321742	0.772058	-1.29524	0.5405	1.06597	1.06597	0.486001	1.07572	1.07572	0.00752117	0.701423	-1.42567	0.0633108	0.806285	-1.24026	4.95175	0.83365	0.149648	1
cg12406879	MMP17	0.0214175	0.890642	0.973078	-1.02767	0.450439	1.16481	1.16481	0.00507869	2.08508	2.08508	0.513337	1.14055	1.14055	0.0932776	1.44232	1.44232	0.0028484	0.442759	-2.25857	0.872751	0.968702	-1.03231	0.70839	0.928173	-1.07738	0.725246	1.07251	1.07251	4.596	2.86476	0.554059	1
cg03570417	MMP17	0.0262196	0.0401564	0.701725	-1.42506	0.323552	1.16452	1.16452	0.441916	0.88947	-1.12426	0.551084	0.913844	-1.09428	0.0307928	0.684611	-1.46068	0.00613611	1.70601	1.70601	0.0353961	0.693548	-1.44186	0.253407	0.836792	-1.19504	0.796489	0.96213	-1.03936	4.28546	1.51453	0.314143	1
cg05188358	MMP17	0.0334952	0.572661	0.876921	-1.14035	0.63781	1.11544	1.11544	0.915318	1.02481	1.02481	0.518905	1.1626	1.1626	0.0124336	0.488352	-2.0477	0.00145035	0.346416	-2.88671	0.687946	1.09749	1.09749	0.822575	1.05311	1.05311	0.875094	1.03691	1.03691	3.92895	3.30318	0.747313	1
cg07427606	MMP17	0.0461806	0.0136452	0.630034	-1.58722	0.00699576	0.587329	-1.70262	0.0147212	0.634935	-1.57496	0.414328	0.884683	-1.13035	0.0372234	0.696037	-1.4367	0.974564	0.995345	-1.00468	0.698561	0.944602	-1.05865	0.387818	0.878079	-1.13885	0.0942624	0.760934	-1.31417	3.79741	1.26087	0.258248	1
cg18787783	MMP19	0.00510472	0.167803	0.809591	-1.23519	0.746621	1.04768	1.04768	0.922192	1.01414	1.01414	0.521118	1.09795	1.09795	0.000259147	0.421656	-2.3716	0.208071	1.21011	1.21011	0.0111993	1.57883	1.57883	0.436639	1.12078	1.12078	0.054153	0.730504	-1.36892	7.29228	2.38432	0.290636	1
cg17865265	MMP19	0.00832997	0.838316	0.945333	-1.05783	0.00227456	0.308969	-3.23657	0.736886	1.09723	1.09723	0.00214858	0.305467	-3.27367	0.617023	1.14881	1.14881	0.0349437	1.96649	1.96649	0.118088	1.59508	1.59508	0.197488	1.45477	1.45477	0.753557	0.916989	-1.09053	6.26386	7.51098	1.06587	1
cg18733315	MMP1;MMP1	6.07E-05	0.0175051	0.70417	-1.42011	0.00990895	1.48464	1.48464	0.0193289	0.709557	-1.40933	0.00813996	0.66309	-1.50809	1.94E-06	0.239397	-4.17716	0.00228132	0.596035	-1.67775	0.00470704	1.57703	1.57703	0.015489	0.697545	-1.4336	0.380424	0.89662	-1.1153	25.2848	5.89091	0.207096	1
cg25320665	MMP1;MMP1	0.000229095	0.11014	0.846053	-1.18196	0.095748	1.19204	1.19204	4.35E-06	0.361608	-2.76543	0.358666	1.09485	1.09485	0.179639	1.14664	1.14664	0.945943	0.993511	-1.00653	0.0561677	1.23078	1.23078	0.0318173	0.785397	-1.27324	0.0607118	1.22508	1.22508	17.7059	2.58484	0.129766	1
cg13759446	MMP1;MMP1	0.00348442	0.597829	1.16129	1.16129	0.0876156	1.69831	1.69831	0.858378	0.951067	-1.05145	0.000936233	0.249828	-4.00275	0.0137298	0.424917	-2.3534	0.0103426	0.403596	-2.47773	0.000709799	0.234857	-4.25791	0.275051	0.726888	-1.37573	0.225486	0.699382	-1.42983	8.18473	10.2278	1.11078	1
cg25015613	MMP1;MMP1	0.0181664	0.0199832	0.258996	-3.86106	0.0955806	0.414426	-2.41297	0.0145607	0.235083	-4.25382	0.0284447	0.288168	-3.47019	0.00470878	0.164155	-6.0918	0.0112803	0.217193	-4.60421	0.0109864	0.21541	-4.64232	0.0651028	0.369196	-2.70859	0.043995	0.328386	-3.0452	4.86006	17.8176	3.25879	1
cg16575408	MMP1;MMP1	0.0216296	0.0148717	0.634149	-1.57692	0.531545	0.908141	-1.10115	0.344582	1.15953	1.15953	0.585212	1.08741	1.08741	0.00510365	1.75531	1.75531	0.991743	1.00157	1.00157	0.036147	1.44841	1.44841	0.0888996	0.751796	-1.33015	0.302394	0.85007	-1.17637	4.58052	1.677	0.325436	1
cg02212280	MMP1;MMP1	0.0398836	0.126265	0.732861	-1.36452	0.00585958	0.50779	-1.96932	0.17387	0.761989	-1.31236	0.0946068	1.41227	1.41227	0.508021	1.13447	1.13447	0.941456	0.986295	-1.0139	0.0331149	1.59689	1.59689	0.794547	1.05025	1.05025	0.552712	0.893289	-1.11946	3.68709	2.0614	0.496965	1
cg09530163	MMP2	0.00368268	0.0149161	0.31549	-3.16967	0.128274	1.88425	1.88425	0.0348961	0.387758	-2.57893	0.00926893	0.280178	-3.56916	0.00253993	0.199066	-5.02347	0.25191	0.63052	-1.58599	0.000634059	0.132302	-7.55847	0.00602738	0.250939	-3.98504	0.266078	0.639834	-1.56291	8.05013	18.9314	2.09039	1
cg23275776	MMP20	0.00174561	0.00406729	0.560151	-1.78523	0.000369714	0.424633	-2.35498	0.851882	1.02849	1.02849	0.309474	0.853805	-1.17123	0.809666	1.03693	1.03693	0.060884	0.727976	-1.37367	0.00059438	0.450802	-2.21827	0.0192855	1.5301	1.5301	0.431016	0.88623	-1.12838	10.0306	3.58748	0.317915	1
cg06936402	MMP20	0.0226132	0.00753716	0.101324	-9.86934	0.00869674	0.107913	-9.26671	0.0382523	0.2021	-4.94804	0.281697	0.474762	-2.10632	0.00916023	0.110394	-9.05849	0.0397389	0.205315	-4.87057	0.0315195	0.186513	-5.36156	0.0435194	0.21318	-4.69087	0.0338698	0.192163	-5.2039	4.51113	31.6765	6.24164	1
cg09540803	MMP21	0.000117474	0.00385781	2.02245	2.02245	0.0221721	1.64229	1.64229	0.789595	1.04957	1.04957	0.532974	1.12102	1.12102	2.34E-06	0.124968	-8.00207	0.116988	1.36078	1.36078	0.164639	1.30761	1.30761	0.455978	0.871663	-1.14723	0.523446	1.12409	1.12409	21.2058	10.991	0.460713	1
cg25906360	MMP21	0.000442115	0.150575	0.719161	-1.39051	0.000263628	0.277281	-3.60645	0.000506374	0.31264	-3.19857	0.362552	1.22169	1.22169	0.185116	1.3508	1.3508	6.56E-05	0.208579	-4.79435	0.119141	0.696367	-1.43602	0.156042	1.38363	1.38363	0.619561	1.11303	1.11303	14.7858	10.7209	0.644511	1
cg25400200	MMP21	0.000594045	0.909027	1.02348	1.02348	0.000553999	0.336872	-2.96849	0.0017337	0.403737	-2.47686	0.000247546	0.292754	-3.41584	0.354633	0.824219	-1.21327	0.000506294	0.331811	-3.01377	0.00321039	0.441972	-2.26258	0.0733552	1.49982	1.49982	0.0167608	0.552852	-1.8088	13.6217	8.89114	0.580194	1
cg24383498	MMP21	0.00300499	0.698711	1.06985	1.06985	0.0254111	1.5859	1.5859	0.576557	0.906714	-1.10288	0.186995	0.784441	-1.27479	0.00030432	0.361075	-2.76951	0.08517	1.3915	1.3915	0.197337	0.789337	-1.26689	0.546414	1.11177	1.11177	0.00205748	0.470656	-2.1247	8.55392	4.08204	0.424189	1
cg05670995	MMP21	0.00420643	0.0047375	0.310614	-3.21943	0.00756668	0.342736	-2.9177	0.0297945	0.450702	-2.21876	0.0718515	1.8707	1.8707	0.183859	1.55178	1.55178	0.00152754	0.241261	-4.14489	0.418011	0.772648	-1.29425	0.111883	1.71527	1.71527	0.0780123	0.543184	-1.841	7.73413	11.8981	1.36745	1
cg02914827	MMP21	0.00516689	0.0265382	2.03625	2.03625	0.17965	0.680159	-1.47024	0.0355036	0.515826	-1.93864	0.0554583	1.79868	1.79868	0.0217029	2.10703	2.10703	0.00225224	0.314643	-3.1782	0.25097	1.38319	1.38319	0.0156579	2.22834	2.22834	0.730246	0.910641	-1.09813	7.26534	8.41576	1.02964	1
cg12854248	MMP21	0.00813951	0.0460946	0.685489	-1.45881	0.801602	1.04248	1.04248	0.357102	0.855146	-1.16939	0.40982	0.869997	-1.14943	0.000224616	0.362695	-2.75713	0.0382049	1.4872	1.4872	0.872564	1.02688	1.02688	0.229485	0.811934	-1.23163	0.247155	0.818789	-1.22132	6.30971	2.72794	0.384302	1
cg25319933	MMP21	0.0182735	0.911724	0.976486	-1.02408	0.940261	0.984047	-1.01621	0.660081	1.09961	1.09961	0.269799	1.27961	1.27961	0.00375384	0.431955	-2.31506	0.0175636	0.537942	-1.85894	0.0465219	0.613141	-1.63095	0.0456344	0.61157	-1.63514	0.00887274	0.489388	-2.04337	4.85045	3.5365	0.648095	1
cg14291256	MMP21	0.0279241	0.0102841	0.289092	-3.45911	0.0760222	2.1333	2.1333	0.593081	0.813025	-1.22997	0.880861	1.05924	1.05924	0.00688895	0.261203	-3.82844	0.22079	1.63882	1.63882	0.725239	0.873353	-1.14501	0.654963	1.1884	1.1884	0.0498158	0.423759	-2.35983	4.19179	9.77675	2.07321	1
cg07954108	MMP21	0.0433023	0.136056	0.78139	-1.27977	0.728776	0.947944	-1.05491	0.280742	1.18789	1.18789	0.949704	0.990359	-1.00973	0.0219051	1.5255	1.5255	0.00623374	1.72897	1.72897	0.064873	1.37492	1.37492	0.309882	0.850971	-1.17513	0.609411	1.08235	1.08235	3.57651	1.33594	0.332028	1
cg21265770	MMP23A;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.000702211	0.0013439	0.637174	-1.56943	0.00343176	0.680749	-1.46897	8.34E-05	0.504067	-1.98386	0.225785	0.884211	-1.13095	0.000550408	0.595101	-1.68039	0.00134946	0.637367	-1.56895	0.771522	1.02857	1.02857	0.654846	0.957403	-1.04449	0.0114459	0.736296	-1.35815	12.9994	1.92688	0.131758	1
cg10626236	MMP23A;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.030065	0.00935141	4.59382	4.59382	0.0183662	3.75694	3.75694	0.116533	2.20096	2.20096	0.197454	1.87805	1.87805	0.0023936	7.08152	7.08152	0.356029	1.5514	1.5514	0.274137	1.69282	1.69282	0.080283	2.4536	2.4536	0.0500427	2.81137	2.81137	4.08369	13.84	3.01253	1
cg11648594	MMP23A;MMP23B	0.0103806	0.314726	1.65135	1.65135	0.0014409	9.22895	9.22895	0.02511	3.616	3.616	0.351904	1.58757	1.58757	0.147662	0.472609	-2.11591	0.0773455	2.57895	2.57895	0.643926	1.25178	1.25178	0.0307567	0.294007	-3.40128	0.0254229	3.60248	3.60248	5.84033	21.5317	3.27709	1
cg15270813	MMP24	0.0316221	0.791419	1.08093	1.08093	0.010756	0.390257	-2.56241	0.353272	1.32371	1.32371	0.0345861	2.06165	2.06165	0.804157	1.07568	1.07568	0.180439	1.51833	1.51833	0.0103874	0.387665	-2.57955	0.585535	0.850712	-1.17549	0.511492	1.21594	1.21594	4.01088	5.47646	1.21369	1
cg14974711	MMP25	3.21E-10	0.0084934	0.881455	-1.13449	4.46E-05	1.33691	1.33691	0.000438114	1.23204	1.23204	0.0586027	0.922886	-1.08356	0.0162509	0.895479	-1.11672	7.50E-05	1.30999	1.30999	2.18E-12	12.2982	12.2982	0.000638748	1.21767	1.21767	0.000165531	1.27263	1.27263	557.707	12.4621	0.0198625	1
cg00456894	MMP25	6.08E-05	0.707091	0.925927	-1.08	0.041672	0.619567	-1.61403	0.432214	0.849239	-1.17753	0.0089967	0.508064	-1.96826	0.794554	0.948187	-1.05464	8.86E-07	0.0698558	-14.3152	0.000447499	0.323374	-3.09239	0.125504	1.40219	1.40219	0.369616	1.20665	1.20665	25.28	16.6414	0.585142	1
cg00385925	MMP25	0.000276084	0.620455	1.12172	1.12172	3.19E-05	6.44664	6.44664	0.00854845	2.16409	2.16409	0.770216	0.934826	-1.06972	0.581106	0.879647	-1.13682	0.739233	0.926012	-1.0799	0.138586	1.44322	1.44322	2.09E-05	7.20236	7.20236	0.155404	1.4188	1.4188	16.8281	14.1113	0.745382	1
cg05168200	MMP25	0.00129929	0.155898	1.2075	1.2075	0.827269	1.02751	1.02751	0.658663	1.05677	1.05677	0.466252	1.09646	1.09646	0.584358	1.07102	1.07102	0.660512	1.05643	1.05643	1.67E-05	0.333158	-3.00158	0.503789	1.08791	1.08791	0.279838	1.14973	1.14973	10.9208	2.66793	0.217154	1
cg03446165	MMP25	0.00172176	0.158372	0.682592	-1.465	0.1031	0.63665	-1.57072	0.00019096	0.203541	-4.91302	0.854094	0.954452	-1.04772	0.000293479	0.224438	-4.45557	0.0475094	0.56325	-1.77541	0.00205423	0.332959	-3.00338	0.720171	1.09537	1.09537	0.0464709	0.561296	-1.78159	10.0706	10.2282	0.902799	1
cg02680314	MMP25	0.00226184	0.0275118	0.506757	-1.97333	0.00392611	0.363504	-2.751	0.562336	0.858355	-1.16502	0.00195489	3.1324	3.1324	0.00403009	0.365228	-2.73801	0.112441	0.637253	-1.56924	0.00245085	0.333238	-3.00086	0.114841	0.639487	-1.56375	0.0316749	0.51852	-1.92856	9.30149	10.0153	0.957099	1
cg00185122	MMP25	0.00257942	0.0120606	0.245935	-4.06611	0.497332	0.734363	-1.36172	0.0144599	0.259144	-3.85886	0.92713	0.959841	-1.04184	0.000172487	0.0573374	-17.4406	0.0212065	0.288994	-3.46028	0.0193424	0.281565	-3.55158	0.0312595	0.322274	-3.10295	0.000900855	0.107952	-9.26334	8.94923	28.4571	2.82652	1
cg07451886	MMP25	0.00272229	0.00792899	0.471682	-2.12007	0.927937	1.02017	1.02017	0.777546	1.06451	1.06451	0.635469	1.11115	1.11115	0.00340496	0.415385	-2.4074	0.00420228	0.429044	-2.33076	0.00137118	0.358837	-2.78678	0.00980831	2.0556	2.0556	0.992234	1.00215	1.00215	8.80797	6.79523	0.685766	1
cg05053594	MMP25	0.0159793	0.0290629	3.0423	3.0423	0.0014761	7.27338	7.27338	0.0201366	3.36113	3.36113	0.0902916	2.24183	2.24183	0.0116388	3.91115	3.91115	0.0431126	2.73582	2.73582	0.0258468	3.1404	3.1404	0.0348284	2.89738	2.89738	0.0524969	2.59489	2.59489	5.07317	15.0285	2.63319	1
cg04565630	MMP25	0.0327812	0.098679	0.653135	-1.53108	0.222323	1.35217	1.35217	0.931109	1.02055	1.02055	0.448358	1.19933	1.19933	0.241863	0.749631	-1.33399	0.203002	1.37182	1.37182	0.264802	0.760784	-1.31443	0.00153388	2.92275	2.92275	0.958311	1.01237	1.01237	3.9595	3.47046	0.779102	1
cg10620273	MMP25	0.0427239	0.0112148	0.365839	-2.73344	0.19507	1.54298	1.54298	0.96504	0.986226	-1.01397	0.473501	1.25949	1.25949	0.934206	1.02647	1.02647	0.442999	1.28085	1.28085	0.573042	0.835091	-1.19747	0.00470678	3.28251	3.28251	0.470871	1.26128	1.26128	3.59445	5.70115	1.40986	1
cg07299144	MMP25	0.0496047	0.0883707	0.414348	-2.41343	0.0533072	0.357461	-2.79751	0.0237278	0.282216	-3.54338	0.342708	0.632495	-1.58104	0.0242037	0.283871	-3.52273	0.0393425	0.327217	-3.05608	0.0439157	0.337862	-2.95979	0.350852	1.56825	1.56825	0.563494	1.31478	1.31478	3.39837	11.819	3.09142	1
cg26705553	MMP25;MMP25	4.81E-05	0.886779	0.970712	-1.03017	0.0169261	1.83643	1.83643	0.563177	1.1297	1.1297	0.546496	1.13579	1.13579	0.0119808	0.519932	-1.92333	0.342832	1.22619	1.22619	0.69145	0.920135	-1.0868	4.90E-07	18.9246	18.9246	0.465887	1.16746	1.16746	26.8965	18.5447	0.612873	1
cg02940362	MMP26	3.84E-11	1.40E-11	0.054133	-18.473	1.47E-10	0.113913	-8.77866	2.42E-10	0.130078	-7.68771	2.98E-10	0.137004	-7.29908	2.34E-11	0.0648867	-15.4115	1.25E-08	0.289009	-3.4601	5.41E-10	0.158222	-6.32023	9.16E-11	0.0997792	-10.0221	1.50E-09	0.197543	-5.0622	949.482	45.6477	0.0427346	1
cg02706104	MMP26	1.70E-06	1.33E-06	0.126858	-7.88284	0.0335483	0.660873	-1.51315	2.59E-06	0.150762	-6.63298	1.08E-06	0.119859	-8.34311	2.53E-05	0.248018	-4.03196	0.00487594	0.536608	-1.86356	0.0140741	0.603146	-1.65797	1.66E-06	0.134455	-7.43745	2.14E-06	0.143625	-6.96256	64.0454	28.2234	0.391714	1
cg05316601	MMP26	6.65E-06	8.95E-07	0.112395	-8.89722	0.0156954	0.608633	-1.64303	7.13E-05	0.297022	-3.36676	0.000876962	0.43319	-2.30846	0.110619	0.747138	-1.33844	0.00018121	0.345712	-2.89258	0.000511423	0.402608	-2.4838	3.77E-06	0.163585	-6.11302	3.11E-06	0.156142	-6.40443	45.0914	20.079	0.395818	1
cg17992177	MMP26	7.98E-06	2.53E-06	0.113642	-8.79959	0.738988	1.066	1.066	3.86E-05	0.221503	-4.51461	0.000273326	0.31992	-3.12578	0.221593	1.27833	1.27833	0.00111204	0.39926	-2.50463	2.08E-06	0.107377	-9.31297	0.000122147	0.277549	-3.60296	4.75E-05	0.231113	-4.32688	43.0158	24.8866	0.514263	1
cg12493906	MMP26	8.61E-06	1.55E-06	0.0289529	-34.5389	0.922904	1.02866	1.02866	0.000195269	0.160521	-6.2297	1.24E-05	0.0679351	-14.7199	3.89E-05	0.100207	-9.97938	0.00186162	0.275543	-3.6292	0.000161594	0.15252	-6.55652	6.87E-06	0.0544181	-18.3762	8.88E-05	0.128851	-7.76088	42.1695	56.9289	1.2	1
cg09805271	MMP26	1.82E-05	1.14E-05	0.104139	-9.60258	0.000143524	0.203898	-4.90441	9.34E-05	0.184308	-5.42569	0.637992	1.12189	1.12189	2.73E-05	0.134333	-7.44416	0.00197597	0.346177	-2.8887	1.06E-05	0.101881	-9.81542	5.22E-05	0.159547	-6.26774	0.000153079	0.206928	-4.83259	34.7037	32.3697	0.829108	1
cg00588731	MMP26	0.00228347	0.000534138	0.0626327	-15.9661	0.0671615	0.348333	-2.87082	0.0109515	0.193737	-5.16163	0.16528	0.46731	-2.13991	0.511552	0.710186	-1.40808	0.154616	0.45697	-2.18833	0.808472	1.13296	1.13296	0.000426076	0.056831	-17.596	0.000909007	0.0780799	-12.8074	9.27558	38.815	3.71968	1
cg13252516	MMP27	0.0166026	0.32012	0.685374	-1.45906	0.582273	0.815222	-1.22666	0.00095502	0.163643	-6.11088	0.990318	1.00447	1.00447	0.00198407	0.200618	-4.9846	0.766457	0.896253	-1.11576	0.709253	0.871331	-1.14767	0.0868318	0.498847	-2.00462	0.219701	0.622137	-1.60736	5.00891	10.7279	1.90379	1
cg15096461	MMP28	0.00011321	0.17673	0.744539	-1.34311	0.0428068	0.619434	-1.61438	0.0004035	0.314892	-3.17569	0.758999	0.938742	-1.06525	0.0194155	0.55959	-1.78702	0.00698603	0.488359	-2.04767	1.75E-06	0.0860119	-11.6263	0.493912	0.867005	-1.1534	0.00122189	0.378345	-2.64309	21.417	14.3139	0.59408	1
cg02022384	MMP28	0.000729573	0.433585	0.875324	-1.14243	0.0188984	1.6061	1.6061	0.287506	1.20206	1.20206	0.419078	1.1475	1.1475	0.20754	0.801336	-1.24792	0.000992703	0.442543	-2.25967	2.73E-05	0.25188	-3.97014	0.509176	0.894408	-1.11806	0.547819	0.903614	-1.10667	12.8609	5.65654	0.390957	1
cg19563062	MMP28	0.00100386	0.772864	1.07488	1.07488	0.133099	0.66745	-1.49824	6.81E-05	0.162318	-6.16074	0.329901	0.77813	-1.28513	0.0271227	0.520666	-1.92062	0.215432	0.722301	-1.38446	0.000531001	0.260288	-3.84191	0.699699	0.907824	-1.10153	0.000558694	0.263028	-3.80187	11.7537	11.5881	0.876363	1
cg05270866	MMP28	0.00482596	0.0556705	0.728449	-1.37278	0.00250218	0.541375	-1.84715	0.0241199	0.67505	-1.48137	0.947886	0.990494	-1.0096	0.0623829	0.73602	-1.35866	0.511987	1.10206	1.10206	0.00118627	0.499242	-2.00304	0.0077757	0.606903	-1.64771	0.00295799	0.550922	-1.81514	7.41831	2.50849	0.300577	1
cg14589810	MMP28	0.0169201	0.0107246	0.284187	-3.51881	0.0186827	0.326801	-3.05996	0.0192351	0.329175	-3.03789	0.352875	0.687237	-1.4551	0.0356979	0.383245	-2.6093	0.0167576	0.318066	-3.144	0.00883055	0.270362	-3.69874	0.0323546	0.374145	-2.67276	0.00719167	0.256326	-3.90129	4.97731	12.1354	2.16723	1
cg01059047	MMP28	0.0257064	0.101858	0.496074	-2.01583	0.135751	0.532916	-1.87647	0.00517259	0.235713	-4.24245	0.700503	1.16335	1.16335	0.0439842	0.40408	-2.47476	0.298303	0.655696	-1.5251	0.00213437	0.184676	-5.41489	0.193751	0.583738	-1.7131	0.0851102	0.474606	-2.10701	4.31515	10.4739	2.15755	1
cg27616109	MMP28	0.0433948	0.0232039	0.583815	-1.71287	0.969278	1.00767	1.00767	0.0034507	0.454953	-2.19803	0.580651	0.895245	-1.11701	0.0431778	0.630454	-1.58616	0.84223	1.04031	1.04031	0.976271	0.994119	-1.00592	0.0445381	0.632868	-1.58011	0.116569	0.713076	-1.40238	3.57367	2.22601	0.55368	1
cg04790749	MMP28;MMP28	3.05E-05	0.00231248	0.251251	-3.98009	0.0755918	0.526311	-1.90002	0.000235326	0.138293	-7.23101	0.655389	0.864357	-1.15693	1.83E-05	0.0587251	-17.0285	0.00092267	0.200672	-4.98325	3.69E-06	0.0297866	-33.5721	2.20E-05	0.0629543	-15.8845	0.00113461	0.211426	-4.72979	30.3223	50.5734	1.48254	1
cg00315853	MMP28;MMP28	0.000124856	0.0322498	0.609815	-1.63984	0.915415	0.979263	-1.02118	0.000154515	0.278417	-3.59173	0.74321	1.06699	1.06699	0.0385508	0.623325	-1.6043	0.52026	1.13717	1.13717	6.38E-06	0.137238	-7.28662	0.000109419	0.260871	-3.83331	0.379977	0.837253	-1.19438	20.8617	12.8531	0.547652	1
cg19047068	MMP28;MMP28	0.000214058	0.269874	1.50131	1.50131	0.0311538	0.408808	-2.44614	0.00229632	0.22153	-4.51406	0.0198786	2.70265	2.70265	0.00967721	0.314186	-3.18283	0.027515	0.397742	-2.51419	2.10E-05	0.0481879	-20.7521	0.000185189	0.107184	-9.32972	0.00468467	0.264608	-3.77917	18.0356	35.7287	1.76089	1
cg13326172	MMP28;MMP28	0.00147495	0.923813	0.964725	-1.03656	0.110762	0.520801	-1.92012	0.208843	0.608118	-1.64442	0.325294	0.682951	-1.46423	0.857015	0.93453	-1.07006	0.221756	1.61958	1.61958	1.55E-05	0.0348489	-28.6953	0.144432	0.555109	-1.80145	0.0899255	0.495707	-2.01732	10.5305	23.5084	1.98437	1
cg23117191	MMP28;MMP28	0.0015531	0.2219	0.868148	-1.15188	0.265508	0.880035	-1.13632	0.119222	0.83009	-1.20469	0.848037	0.979093	-1.02135	8.46E-05	0.459174	-2.17782	0.818711	0.975032	-1.02561	0.492892	1.07972	1.07972	0.00364377	1.54214	1.54214	0.0189973	1.36721	1.36721	10.3751	1.9931	0.17076	1
cg09730211	MMP28;MMP28	0.00210259	0.924437	1.01036	1.01036	0.0392785	1.29591	1.29591	0.198001	1.15937	1.15937	0.0199162	1.35718	1.35718	0.553128	0.936873	-1.06738	0.0183173	0.73259	-1.36502	0.000102514	0.4736	-2.11148	0.860904	1.01925	1.01925	0.147692	0.844659	-1.18391	9.50224	1.77775	0.1663	1
cg01134296	MMP28;MMP28	0.0126888	0.719479	1.10326	1.10326	0.00188273	0.300975	-3.32253	0.298477	0.745542	-1.34131	0.752339	0.917358	-1.09009	0.00698317	0.386466	-2.58755	0.0648134	0.568325	-1.75956	0.00436139	0.354275	-2.82266	0.359743	1.29249	1.29249	0.195885	0.68889	-1.45161	5.47325	6.43564	1.04519	1
cg01622018	MMP28;MMP28	0.025325	0.0357997	0.495804	-2.01693	0.192866	0.673129	-1.4856	0.000535477	0.212787	-4.69953	0.353712	1.3153	1.3153	0.771189	0.919655	-1.08736	0.457514	0.804684	-1.24272	0.684388	0.889248	-1.12455	0.706224	0.896944	-1.1149	0.297352	0.73322	-1.36385	4.33769	5.6674	1.16138	1
cg12700449	MMP28;MMP28	0.0270077	0.0249741	3.63137	3.63137	0.993188	0.995881	-1.00414	0.0719989	2.64035	2.64035	0.585239	1.30529	1.30529	0.0920248	0.407935	-2.45137	0.1304	2.20282	2.20282	0.0328698	0.299215	-3.34207	0.0144747	4.29153	4.29153	0.433314	0.6794	-1.47189	4.24124	15.6995	3.29033	1
cg05782444	MMP2;MMP2	0.000217923	0.377529	0.865261	-1.15572	0.296675	0.841188	-1.1888	0.000605379	0.429556	-2.32798	0.302273	0.842986	-1.18626	5.90E-06	0.19667	-5.08466	0.00430265	0.543247	-1.84078	0.115762	1.31423	1.31423	0.331374	1.17373	1.17373	0.0051137	0.553627	-1.80627	17.9482	7.26176	0.35964	1
cg08133699	MMP2;MMP2	0.00541084	0.28744	0.766072	-1.30536	0.00063474	0.281897	-3.5474	0.00765182	0.437298	-2.28677	0.051443	0.585679	-1.70742	0.21321	0.728865	-1.372	0.279853	1.31133	1.31133	0.310254	0.776222	-1.28829	0.504101	1.1777	1.1777	0.0129394	2.10501	2.10501	7.16339	6.604	0.819475	1
cg18113270	MMP3	0.0175126	0.594793	0.958884	-1.04288	0.307351	0.920681	-1.08615	0.0124139	0.783988	-1.27553	0.00176384	0.705813	-1.41681	0.186766	1.11566	1.11566	0.274896	0.91499	-1.09291	0.11401	1.14392	1.14392	0.222956	1.10534	1.10534	0.607862	1.04131	1.04131	4.92028	0.476614	0.0861042	1
cg06618666	MMP3	0.0381718	0.0290898	0.19369	-5.1629	0.00384159	0.0831897	-12.0207	0.041233	0.222496	-4.49447	0.209013	0.42949	-2.32835	0.0922186	0.306407	-3.26363	0.0317462	0.200551	-4.98627	0.0510456	0.24214	-4.12985	0.0289532	0.193326	-5.1726	0.220858	0.439821	-2.27365	3.74695	24.1713	5.73416	1
cg25812146	MMP7	1.74E-05	0.0182647	0.651198	-1.53563	0.552194	0.913888	-1.09423	0.0921319	0.757608	-1.31994	0.143282	0.79017	-1.26555	0.120008	0.776825	-1.28729	0.011373	0.622256	-1.60706	1.18E-07	0.0792772	-12.614	0.790113	1.04075	1.04075	0.0260224	0.673315	-1.48519	35.1478	12.4794	0.315605	1
cg04059146	MMP7	0.00137128	0.0674962	0.615341	-1.62511	0.0376145	0.564567	-1.77127	0.00561324	0.422381	-2.36753	0.024725	0.530579	-1.88473	2.15E-05	0.131884	-7.58242	0.0148463	0.491475	-2.03469	0.0229677	0.524786	-1.90554	0.0674613	0.615294	-1.62524	0.0276448	0.539448	-1.85375	10.7533	9.56879	0.790975	1
cg24963041	MMP7	0.0158847	0.0988837	0.684189	-1.46158	0.319611	1.24076	1.24076	0.0561996	0.635355	-1.57392	0.182553	0.743263	-1.34542	0.00102647	0.360379	-2.77486	0.0382817	0.604358	-1.65465	0.00857005	0.494919	-2.02053	0.0863938	0.672111	-1.48785	0.549573	0.880738	-1.13541	5.0832	3.54176	0.619341	1
cg20645973	MMP7	0.0198783	0.15545	0.608213	-1.64416	0.0211103	0.403666	-2.4773	0.0387336	0.457035	-2.18802	0.0269722	0.424514	-2.35563	0.000994394	0.20194	-4.95198	0.0246545	0.416766	-2.39943	0.0496245	0.480632	-2.08059	0.300966	0.704275	-1.4199	0.277871	0.691341	-1.44646	4.71433	7.98938	1.5064	1
cg01813071	MMP7	0.0240098	0.117029	0.483846	-2.06678	0.180714	0.545525	-1.8331	0.00167972	0.147345	-6.78678	0.106222	0.471322	-2.12169	0.00260055	0.168838	-5.92282	0.306999	0.637048	-1.56974	0.154853	0.522471	-1.91398	0.664564	0.830255	-1.20445	0.11252	0.478719	-2.08891	4.41877	12.723	2.55938	1
cg25511807	MMP7;MMP7	0.00528723	0.00451408	0.366592	-2.72783	0.213525	0.706585	-1.41526	0.161846	0.67296	-1.48597	0.00194768	0.312911	-3.19579	0.000397028	0.224217	-4.45997	0.129813	0.647973	-1.54327	0.0789205	0.596123	-1.6775	0.761448	0.92244	-1.08408	0.0107509	0.4275	-2.33918	7.21432	8.03295	0.989754	1
cg08747557	MMP8	0.0101465	0.0148128	0.254477	-3.92963	0.132835	0.477013	-2.09638	0.00766046	0.209191	-4.78033	0.00532802	0.187163	-5.34294	0.294145	0.608554	-1.64324	0.00168957	0.128988	-7.75267	0.0446926	0.349241	-2.86335	0.621755	0.796927	-1.25482	0.00755581	0.208321	-4.80029	5.88318	19.4128	2.93308	1
cg08176368	MMP9	4.62E-07	0.0259442	0.702052	-1.4244	0.0100985	1.54391	1.54391	0.018044	0.680875	-1.4687	0.0852058	1.29	1.29	0.00542678	0.612873	-1.63166	0.000142249	2.40587	2.40587	0.010281	1.5415	1.5415	5.27E-09	28.8257	28.8257	0.271473	0.85797	-1.16554	89.2903	25.3212	0.252073	1
cg23303369	MMP9	0.00014147	0.00231064	0.309069	-3.23552	0.23368	1.41112	1.41112	0.0479901	0.536066	-1.86544	0.00010786	6.573	6.573	0.000487116	0.221413	-4.51644	0.0909982	1.67114	1.67114	0.000816152	0.248626	-4.0221	0.00141593	3.57548	3.57548	0.115646	0.62393	-1.60274	20.1725	24.3053	1.07099	1
cg04145601	MMP9	0.000285552	0.000212027	0.153127	-6.53052	0.55498	0.834443	-1.1984	0.000362277	0.176754	-5.65757	0.059323	0.524507	-1.90655	0.000427219	0.184451	-5.4215	0.413998	0.776371	-1.28804	2.14E-05	0.0748533	-13.3595	0.0617572	0.528498	-1.89216	0.0220049	0.434878	-2.29949	16.6737	24.2632	1.29349	1
cg12071656	MMP9	0.00379127	0.0852071	0.339529	-2.94525	0.00853546	7.034	7.034	0.000705773	0.0452755	-22.087	0.188021	0.455421	-2.19577	0.0119613	0.162708	-6.14598	0.00257388	0.085072	-11.7547	0.0631755	0.304382	-3.28534	0.791621	0.862416	-1.15953	0.0643855	0.306499	-3.26265	9.33463	45.1918	3.76546	1
cg10505873	MMP9	0.0132315	0.00660534	0.217693	-4.59363	0.00500348	0.200717	-4.98215	0.00249666	0.162602	-6.14997	0.595304	1.26085	1.26085	0.0516704	0.383836	-2.60528	0.542551	0.766044	-1.30541	0.0337606	0.34236	-2.9209	0.0379834	0.35339	-2.82973	0.443882	0.713551	-1.40144	5.39891	15.9845	2.63172	1
cg21451869	MMP9	0.018493	0.013325	0.164256	-6.08807	0.0118426	0.157056	-6.36714	0.0225756	0.200115	-4.99713	0.0385624	0.243713	-4.10318	0.0110129	0.152759	-6.54625	0.158948	0.411911	-2.42771	0.00827953	0.13684	-7.30782	0.0110584	0.153	-6.53594	0.0840869	0.324332	-3.08326	4.83098	26.5543	4.88593	1
cg00732815	MMP9	0.0209485	0.0211245	0.213576	-4.68217	0.00761076	0.147977	-6.75782	0.00166345	0.0817141	-12.2378	0.0639087	0.313655	-3.18822	0.329183	0.570827	-1.75184	0.41525	0.629	-1.58983	0.0184622	0.203684	-4.90956	0.107243	0.375748	-2.66136	0.237996	0.502496	-1.99006	4.63091	22.7341	4.36374	1
cg24406668	MMP9	0.0243678	0.319295	0.640828	-1.56048	0.295234	1.59892	1.59892	0.918613	1.04518	1.04518	0.595937	1.26034	1.26034	0.0459003	0.371824	-2.68944	0.851189	0.922009	-1.08459	0.0629907	0.404817	-2.47025	0.00161575	7.05955	7.05955	0.334855	1.53728	1.53728	4.39617	13.0159	2.63176	1
cg23353432	MMP9	0.0385068	0.0576878	0.144232	-6.9333	0.00285835	0.0246509	-40.5665	0.163364	0.261282	-3.82729	0.272081	0.356501	-2.80504	0.0188496	0.0767951	-13.0217	0.106377	0.203758	-4.90779	0.318197	0.394238	-2.53654	0.469083	1.94359	1.94359	0.0530874	0.137668	-7.26385	3.73498	48.1491	11.459	1
cg17664577	MMP9	0.0394763	0.0457882	0.19569	-5.11013	0.0643548	0.227508	-4.39545	0.046004	0.196097	-5.09951	0.247162	0.422291	-2.36803	0.01017	0.0993544	-10.065	0.0403244	0.18499	-5.4057	0.0115503	0.105387	-9.48885	0.0249587	0.149468	-6.69039	0.0803398	0.25108	-3.98279	3.70104	29.7501	7.14516	1
cg13200854	MMRN1	0.00253053	0.591334	0.857823	-1.16574	0.00925062	0.392731	-2.54627	0.00749085	0.377553	-2.64863	0.802231	0.931453	-1.07359	0.000427802	0.206472	-4.84326	0.108277	0.609116	-1.64172	0.00108827	0.255642	-3.91172	0.257007	1.39757	1.39757	0.00471812	0.345664	-2.89299	8.99982	11.4118	1.12711	1
cg18334849	MMRN1	0.0116423	0.137526	0.58623	-1.70581	0.0268016	0.416472	-2.40112	0.0083772	0.324737	-3.07942	0.0659782	0.502196	-1.99125	0.00217356	0.2378	-4.20521	0.983066	0.992938	-1.00711	0.00366104	0.269226	-3.71435	0.455906	0.776028	-1.28861	0.0127814	0.356017	-2.80885	5.62842	9.93894	1.56964	1
cg04396312	MMRN2	8.67E-05	0.00118528	4.85991	4.85991	6.35E-05	11.5544	11.5544	0.034412	2.2714	2.2714	0.0637626	1.99961	1.99961	0.000128554	9.14879	9.14879	0.0384598	0.450504	-2.21973	1.89E-05	18.062	18.062	0.00104028	5.02548	5.02548	0.000855924	5.28756	5.28756	23.0012	40.2778	1.55655	1
cg16289611	MMRN2	0.000101791	0.85374	0.977881	-1.02262	0.0374284	1.34005	1.34005	0.560772	0.931191	-1.07389	1.83E-05	0.346666	-2.88462	0.00341454	0.617405	-1.61968	0.00556052	0.643089	-1.55499	9.23E-06	0.312978	-3.19511	0.358682	0.891904	-1.1212	0.0408589	0.751189	-1.33122	22.0356	5.12698	0.206816	1
cg14969789	MMRN2	0.000139201	2.93E-05	0.295242	-3.38705	0.0409653	1.42068	1.42068	3.97E-05	0.310519	-3.22041	0.798361	0.962609	-1.03884	0.0913178	1.31892	1.31892	0.0224156	1.5026	1.5026	0.889015	0.979429	-1.021	0.0563499	1.37941	1.37941	0.0110111	0.622024	-1.60765	20.2606	7.11046	0.311956	1
cg11141336	MMRN2	0.00109812	0.608686	1.09691	1.09691	0.0836256	1.40917	1.40917	0.212362	1.26529	1.26529	0.205137	1.27058	1.27058	0.0709301	1.43538	1.43538	8.45E-05	0.281923	-3.54707	0.00722241	1.86081	1.86081	0.00313446	2.06167	2.06167	0.210583	1.26658	1.26658	11.4579	5.82321	0.451759	1
cg20573616	MMRN2	0.00150173	0.000290771	0.348869	-2.86641	0.000992179	0.418129	-2.39161	0.00128313	0.433169	-2.30857	0.138625	1.32862	1.32862	0.0247845	0.621085	-1.61009	0.757286	1.05681	1.05681	0.960949	1.00876	1.00876	0.119142	0.739753	-1.3518	0.00840031	0.548797	-1.82217	10.4761	5.27058	0.447205	1
cg15347156	MMRN2	0.0287457	0.0918093	2.72792	2.72792	0.00317293	8.83739	8.83739	0.0423658	3.5396	3.5396	0.390523	1.60913	1.60913	0.0512049	3.32144	3.32144	0.895249	1.07382	1.07382	0.00816771	6.23494	6.23494	0.0296278	3.99237	3.99237	0.109166	2.57139	2.57139	4.14913	19.2082	4.11506	1
cg10607485	MMRN2	0.0455849	0.588673	0.879266	-1.13731	0.00732278	2.25882	2.25882	0.0159425	2.00478	2.00478	0.780156	0.936184	-1.06817	0.665452	0.902555	-1.10797	0.727462	1.08595	1.08595	0.0117339	2.10001	2.10001	0.837456	1.0496	1.0496	0.604192	1.13116	1.13116	3.5085	3.08624	0.781908	1
cg07052063	MMS19	0.00110095	0.405221	1.28165	1.28165	0.000856947	4.30212	4.30212	0.000327147	5.42829	5.42829	0.0372512	2.02294	2.02294	0.00554509	2.89183	2.89183	0.00365049	3.14461	3.14461	0.0581724	0.535865	-1.86614	0.00153985	3.77207	3.77207	0.96601	1.01249	1.01249	11.4495	15.3966	1.19532	1
cg02676865	MMS19;UBTD1	0.00306147	0.0211743	0.428534	-2.33354	0.00255059	3.59625	3.59625	0.526478	0.821815	-1.21682	0.0137373	0.393945	-2.53843	0.00634022	0.337345	-2.96432	0.051778	0.508252	-1.96753	0.00366005	0.300692	-3.32566	0.0383437	0.48007	-2.08303	0.0236933	0.437906	-2.2836	8.50674	12.5963	1.31621	1
cg07923717	MMS19;UBTD1	0.00970787	0.483769	1.29824	1.29824	0.523455	0.788864	-1.26765	0.000198784	0.101054	-9.89573	0.49951	1.28583	1.28583	0.778683	0.901823	-1.10886	0.2036	1.63586	1.63586	0.036761	0.41072	-2.43475	0.69235	0.864279	-1.15703	0.9581	0.980915	-1.01946	5.96687	12.7125	1.8938	1
cg09773756	MMS19;UBTD1	0.023508	0.145469	0.415988	-2.40392	0.63173	0.764674	-1.30775	0.75468	1.19011	1.19011	?	?	?	?	?	?	0.69118	0.801098	-1.24829	0.0378356	0.254569	-3.92821	0.00182032	0.0737958	-13.5509	0.14599	2.40073	2.40073	5.11369	18.9929	3.71412	1
cg17296078	MMS19;UBTD1	0.040356	0.143188	0.494567	-2.02197	0.736001	0.859476	-1.1635	0.626178	0.802775	-1.24568	0.0679109	0.400504	-2.49686	0.00177627	0.13652	-7.32494	0.330236	0.637875	-1.56771	0.0172982	0.273224	-3.66	0.0996677	0.445973	-2.24229	0.0872901	0.429631	-2.32758	3.67113	11.6436	2.81927	1
cg02919572	MN1	9.34E-06	0.00844609	0.771024	-1.29698	0.0992848	1.14994	1.14994	0.398491	1.06913	1.06913	0.0563976	1.1818	1.1818	0.00514218	0.751453	-1.33076	0.00106772	0.68806	-1.45336	0.824468	1.01733	1.01733	0.006976	1.30976	1.30976	1.89E-07	3.42694	3.42694	41.2907	3.90987	0.0841701	1
cg12872311	MN1	5.90E-05	0.0177772	1.6476	1.6476	0.324697	1.19268	1.19268	0.000240672	2.86552	2.86552	0.00136939	2.23605	2.23605	0.253767	0.813436	-1.22935	0.333571	0.841306	-1.18863	0.338093	1.1866	1.1866	0.26007	0.815841	-1.22573	1.27E-06	8.65437	8.65437	25.4771	12.1121	0.422588	1
cg00308159	MN1	0.00448911	0.00322692	0.269742	-3.70724	0.991904	0.996697	-1.00331	0.0108542	0.352387	-2.83779	0.802029	0.921349	-1.08537	0.000486851	0.168204	-5.94517	0.178497	0.627445	-1.59377	0.00170372	0.231997	-4.3104	0.0692707	0.515454	-1.94004	0.0580174	0.497245	-2.01108	7.5833	12.7697	1.49682	1
cg22976732	MN1	0.0088144	0.0058511	0.283368	-3.52899	0.00123399	0.191846	-5.21251	0.497384	0.785996	-1.27227	0.105538	0.539001	-1.85528	0.782774	0.907922	-1.10142	0.120118	0.55471	-1.80274	0.00205393	0.219175	-4.56256	0.457202	1.30294	1.30294	0.855982	1.06556	1.06556	6.1529	11.9042	1.71977	1
cg27045447	MN1	0.0164789	0.147873	1.48605	1.48605	0.6367	0.885685	-1.12907	0.586548	1.1504	1.1504	0.118626	1.54071	1.54071	0.790572	1.07027	1.07027	0.83897	1.05329	1.05329	0.000375977	0.23442	-4.26585	0.693305	0.903811	-1.10643	0.827419	1.05729	1.05729	5.02143	5.17753	0.916522	1
cg05061886	MN1	0.0370568	0.0240803	6.48258	6.48258	0.00349215	15.6918	15.6918	0.151186	2.91128	2.91128	0.0801063	3.85336	3.85336	0.0327455	5.67213	5.67213	0.0769033	3.92226	3.92226	0.0166302	7.62683	7.62683	0.141602	2.99831	2.99831	0.200144	2.56057	2.56057	3.78774	28.9543	6.79486	1
cg27269921	MN1;MN1	0.0295861	0.0515567	0.392015	-2.55092	0.176812	0.545146	-1.83437	0.405797	1.43248	1.43248	0.348292	1.50389	1.50389	0.53141	1.30722	1.30722	0.98061	1.01032	1.01032	0.501747	1.3339	1.3339	0.00106374	0.12944	-7.72557	0.871752	0.934006	-1.07066	4.10703	11.6157	2.514	1
cg22940525	MNAT1	0.000778341	0.0134295	0.34907	-2.86476	0.000165911	0.110135	-9.07979	0.00745612	0.305854	-3.26953	0.0706537	0.499302	-2.0028	0.00075988	0.172988	-5.78076	0.00185994	0.2191	-4.56412	0.000307441	0.133369	-7.49799	0.0260525	0.403313	-2.47946	0.0014587	0.20587	-4.85744	12.6292	23.6449	1.66421	1
cg15529551	MNAT1	0.00245292	0.303181	0.825433	-1.21149	0.00487927	0.511093	-1.95659	0.0772398	0.702316	-1.42386	0.00368322	0.49354	-2.02618	0.00182227	0.450663	-2.21895	0.383673	0.851559	-1.17432	0.00210804	2.17666	2.17666	0.0439639	0.659402	-1.51653	0.0514866	0.671139	-1.49001	9.0827	4.65471	0.455539	1
cg00789960	MNAT1	0.0049962	0.0505284	1.59923	1.59923	0.000864597	0.348709	-2.86772	0.100727	0.684706	-1.46048	0.101454	0.685361	-1.45908	0.00100889	0.357719	-2.79549	0.0755272	0.65913	-1.51715	0.570914	0.886335	-1.12824	0.127515	0.706671	-1.41508	0.0279087	0.57848	-1.72867	7.3403	5.16038	0.624907	1
cg13695076	MNAT1	0.0212165	0.611385	0.8919	-1.1212	0.070256	0.636486	-1.57113	0.0188092	0.529697	-1.88787	0.0552211	0.615551	-1.62456	0.0214441	0.539585	-1.85328	0.995902	0.998854	-1.00115	0.0328917	1.74565	1.74565	0.056048	1.62121	1.62121	0.165035	0.718456	-1.39187	4.61085	3.64006	0.701739	1
cg10147410	MNAT1	0.0327335	0.429097	0.876335	-1.14112	0.737919	0.946563	-1.05645	0.0916233	1.35493	1.35493	0.0256248	0.648178	-1.54279	0.599642	0.917027	-1.09048	0.17397	1.26685	1.26685	0.0124424	0.601314	-1.66302	0.386805	1.15612	1.15612	0.0342688	1.49765	1.49765	3.96157	1.67792	0.376488	1
cg16663980	MNDA	0.000917666	0.00108188	0.074866	-13.3572	0.000547969	0.0559073	-17.8867	0.005512	0.140876	-7.09846	0.307836	0.567191	-1.76307	0.0321171	0.259626	-3.85169	0.00738689	0.156566	-6.3871	0.000295604	0.042162	-23.7181	0.000591248	0.0578165	-17.2961	0.00294209	0.111488	-8.96955	12.0563	55.1043	4.06274	1
cg05304729	MNDA	0.00684455	0.00283592	0.0795473	-12.5711	0.00204549	0.0687897	-14.5371	0.0371861	0.225393	-4.43669	0.0307988	0.209672	-4.76936	0.0139378	0.154014	-6.49293	0.00673293	0.114857	-8.70648	0.0060582	0.10995	-9.09503	0.0182246	0.171126	-5.84364	0.0278957	0.201835	-4.95454	6.66157	40.0239	5.3406	1
cg25119415	MNDA	0.0100541	0.010873	0.0771709	-12.9583	0.00538695	0.0531176	-18.8261	0.0203109	0.106325	-9.40516	0.0737111	0.202467	-4.93908	0.0227231	0.112524	-8.88696	0.0268141	0.122291	-8.17725	0.00140803	0.0246224	-40.6135	0.0290565	0.127312	-7.85472	0.023054	0.113347	-8.82244	5.90043	59.9773	9.03548	1
cg14216734	MNDA	0.0249838	0.00668243	0.0643746	-15.5341	0.0562656	0.185396	-5.39386	0.0167857	0.102778	-9.72969	0.0420569	0.161029	-6.21004	0.082118	0.222775	-4.48883	0.0910031	0.234252	-4.26891	0.0121475	0.0874382	-11.4367	0.0170824	0.103675	-9.64551	0.0237464	0.121939	-8.20079	4.35822	41.9496	8.55592	1
cg11011759	MNS1	0.000221228	9.37E-05	0.240467	-4.15857	0.0122574	0.528135	-1.89346	0.0120955	0.527207	-1.89679	0.0339502	0.602562	-1.65958	0.000309914	0.301939	-3.31193	0.633268	1.10336	1.10336	2.83E-05	0.185539	-5.38969	0.349812	1.21765	1.21765	0.00263288	0.426632	-2.34394	17.8749	11.8529	0.589425	1
cg09225162	MNS1	0.00113884	0.0115647	0.476453	-2.09884	0.000157559	0.219188	-4.56229	0.00206888	0.361164	-2.76883	0.664784	1.10779	1.10779	0.00271504	0.378217	-2.64399	0.00770398	0.447586	-2.23421	0.000443066	0.271952	-3.67713	0.179428	0.71547	-1.39768	0.0636579	0.612906	-1.63157	11.3397	9.90068	0.776088	1
cg00678539	MNS1	0.0352137	0.125232	0.542989	-1.84166	0.00530808	0.258732	-3.865	0.890185	0.950434	-1.05215	0.157831	0.573658	-1.7432	0.0123328	0.317692	-3.1477	0.0180743	0.34761	-2.87679	0.0397913	0.416996	-2.39811	0.263554	0.651229	-1.53556	0.0393455	0.415922	-2.40429	3.85862	8.27566	1.90642	1
cg13816802	MNS1	0.0494224	0.10745	0.616223	-1.62279	0.0206814	0.464041	-2.15498	0.333635	0.759721	-1.31627	0.0300879	0.495117	-2.01972	0.0481768	0.536728	-1.86314	0.0371649	0.513404	-1.94778	0.948942	0.982508	-1.0178	0.00696751	0.382162	-2.61669	0.505503	0.830123	-1.20464	3.40312	4.09283	1.06904	1
cg13184270	MNS1;MNS1	1.48E-05	0.0173932	0.511032	-1.95682	5.66E-05	7.94172	7.94172	4.45E-06	24.829	24.829	0.443434	1.18442	1.18442	0.00189836	0.337653	-2.96162	?	?	?	?	?	?	2.59E-05	0.0930473	-10.7472	0.305352	1.26012	1.26012	83.5467	45.351	0.465276	1
cg14797887	MNS1;MNS1	0.00103129	0.00147187	1.55958	1.55958	0.196394	1.1414	1.1414	0.00472444	1.43822	1.43822	0.0454625	1.24872	1.24872	0.000174764	1.85252	1.85252	0.00542907	1.42508	1.42508	0.0293336	0.779954	-1.28213	0.141636	1.16534	1.16534	0.00187724	1.53246	1.53246	11.6641	1.73173	0.131971	1
cg10758875	MNS1;TEX9	0.0133101	0.744271	0.835879	-1.19635	0.0665368	0.32405	-3.08594	0.757373	0.843903	-1.18497	0.0297667	0.246399	-4.05847	0.000930558	0.0667394	-14.9836	0.0102663	0.17003	-5.88132	0.016929	0.202818	-4.93053	0.571453	0.731094	-1.36781	0.019585	0.213351	-4.68712	5.38845	25.5992	4.22289	1
cg00906435	MNT	0.00016947	0.00544015	0.741422	-1.34876	0.256471	1.10175	1.10175	0.635286	1.03986	1.03986	0.24984	1.10338	1.10338	0.0592032	0.840079	-1.19036	0.49648	0.945081	-1.05811	9.56E-06	0.458254	-2.1822	0.0014067	1.4598	1.4598	0.0051368	1.35307	1.35307	19.2136	2.03651	0.0942161	1
cg06970884	MNT	0.00260952	0.934066	1.03738	1.03738	0.0415225	2.83623	2.83623	0.185879	0.536817	-1.86283	0.823409	1.10421	1.10421	0.000781574	0.105047	-9.51956	0.143849	2.0067	2.0067	0.000865705	0.108897	-9.18299	0.00693075	0.212298	-4.71035	0.501442	1.35339	1.35339	8.91867	27.7862	2.76934	1
cg12685560	MNT	0.00711651	0.0172379	0.44564	-2.24396	0.675653	1.12436	1.12436	0.0104526	0.407438	-2.45436	0.0588662	0.551924	-1.81184	0.00484716	0.353229	-2.83102	0.0777585	0.579237	-1.72641	0.00238296	0.307392	-3.25318	0.0238069	0.471694	-2.12002	0.00270031	0.315185	-3.17274	6.58114	8.08759	1.09236	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. 057 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 127 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. 247 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07947533	MNT	0.00886507	0.5540884	1.08031	1.11603	9.98E-05	1.54864	1.54864	0.855519	0.96712	-1.034	0.231118	1.25912	1.29912	0.2799995	1.22876	1.22876	0.7663362	1.05618	1.05618	0.181472	1.29719	1.29719	0.4084337	1.16777	1.16777	0.2787655	1.229946	6.14173	3.27288	0.4718362	1
cg18557086	MNT	0.01056523	?	?	?	0.4383655	1.42104	1.42104	0.0105612	4.17821	4.17821	0.0918025	0.4381166	-2.22634	0.0774064	0.417833	-2.3933	0.2458351	1.71526	1.71526	0.0026264	6.77896	6.77896	0.122455	0.47518	-2.10446	0.827425	1.101192	1.101192	5.923334	16.4788	2.78201	1
cg13020947	MNT	0.027169	0.100493	0.850156	-1.17626	0.7481145	1.02949	1.02949	0.398867	0.92503	-1.08105	0.143847	1.15221	1.15221	0.111829	1.1691	1.1691	0.0335025	0.799226	-1.25121	0.196467	0.8840664	-1.13114	0.0378712	1.24263	1.24263	0.0140881	1.31445	1.31445	4.23239	0.5456272	0.1146031	1
cg18394776	MNT	0.0454724	0.3253161	0.774444	-1.29125	0.108557	0.643002	-1.55379	0.0135907	0.663844	-2.1559	0.0610077	0.70099	0.70099	0.118574	0.6529041	1.53153	0.0471259	1.77102	1.77102	0.989216	0.996618	-1.00319	0.307609	0.766695	-1.3043	0.278445	0.753121	1.53176	1.53176	1.532039	0.8910722	1
cg19949029	MNT;MNT	0.00952831	0.45962	1.08336	1.038636	0.3899933	0.910582	-1.0982	0.426259	1.09023	1.09023	0.0243526	0.751757	-1.33022	0.236584	0.876452	-1.14096	0.0243037	0.751656	0.751656	-1.3304	0.0112685	0.7317291	-1.39414	0.0026425	1.55646	1.55646	0.254767	1.13479	1.13479	6.0025	1.075	0.159192	1
cg20420433	MNX1	0.00016499	0.00573163	0.526036	-1.90051	0.000647126	0.384188	-2.60289	0.000228302	0.326357	-3.06413	0.142377	0.7495027	-1.33418	0.0964838	0.7163113	-1.39604	0.0026503	2.18411	2.18411	0.000524826	0.372305	-2.68597	0.00060735	2.6276	2.6276	0.1232004	0.7367656	-1.35728	19.3687	10.35292	0.4705511	1
cg12164596	MNX1;MNX1	2.70E-05	0.4408604	1.127	1.127	0.0594989	0.740172	-1.35104	0.252963	0.844597	-1.184	0.710561	1.05414	1.05414	0.894993	0.981494	-1.01885	0.155284	0.80645	-1.24	5.34E-07	7.18279	7.18279	0.000138731	2.53807	2.53807	0.00389304	1.73295	1.73295	31.3026	9.9196	0.2816841	1
cg25090972	MNX1;MNX1	1.74E-05	0.00041794	5.19571	5.19571	0.0528639	0.662302	1.50989	0.922356	1.03843	1.03843	0.289074	0.81238	-1.2151	0.297897	0.81705	-1.22392	0.0012066	2.24966	2.24966	0.0027777	0.66217	-1.51019	0.297897	1.26402	1.26402	0.0226817	1.66665	1.66665	15.0188	8.31988	0.4919598	1
cg12931029	MNX1;MNX1	0.00051035	0.164792	1.29081	1.29081	0.0774283	1.40231	1.40231	0.956638	0.990677	-1.00941	0.511111	0.891538	0.891538	0.0273764	0.921466	-1.08523	0.0075481	2.05064	2.05064	0.0002744	0.487731	2.25077	4.98E-06	3.68412	0.00412	0.0250285	1.5829	1.5829	14.1888	6.66775	0.473715	1
cg08309529	MNX1;MNX1	0.00092405	0.832713	0.921288	-1.08544	0.0285861	0.367464	-2.72136	0.261092	0.634909	-1.57503	0.00107806	0.49627	0.49627	0.0283822	0.366827	-2.72608	0.3334414	0.67929	-1.47213	0.00105239	0.54347	0.54347	0.000366324	9.1363	9.1363	0.733601	1.14157	1.14157	12.0328	28.6293	2.11491	1
cg08622757	MNX1;MNX1	0.00113271	0.00377623	3.949654	3.949654	0.0244075	0.402455	-4.76476	0.0238438	0.453932	-2.20207	0.012428095	0.5867376	0.5867376	0.0194639	0.7914403	-1.26337	0.0072562	1.83483	1.83483	0.0021605	0.544929	-1.82339	0.44314	0.8874848	-1.11534	0.0026569	0.691645	1.44583	15.3571	3.505536	0.2374477	1
cg21024826	MNX1;MNX1	0.00168145	0.3372556	0.8155614	-1.22601	6.95E-05	0.465573	0.465573	0.213792	0.763676	-1.30946	0.571962	1.12483	1.12483	0.655254	0.9115597	-1.09698	0.2117313	0.76264	-1.31123	0.953087	1.02819	1.02819	0.0212155	2.6534	2.6534	0.122845	1.41103	1.41103	10.1399	6.812555	0.597205	1
cg20936953	MNX1;MNX1	0.00153219	0.981967	1.016568	1.016568	0.0285577	0.01885	0.01885	0.0012467	1.958856	1.958856	0.544806	1.382737	1.382737	0.0191011	0.2831127	-3.5318	0.3202284	0.584019	-1.75956	0.432159	1.59466	1.59466	0.0001570908	30.5634	30.5634	0.0975326	0.3823564	2.61531	8.30239	36.7665	3.93928	1
cg27651243	MNX1;MNX1	0.00679562	0.00317507	0.396928	-2.51935	0.00343512	0.402004	-2.48754	0.0155488	0.558433	-1.97459	0.538316	1.15357	1.15357	0.208239	0.737704	-1.35556	0.13472	0.814171	-1.23233	0.0152601	0.505045	-1.98002	0.0347485	1.75826	1.75826	0.4677117	1.18463	1.18463	6.67646	5.5592	0.7040139	1
cg05744332	MNX1;MNX1	0.00907463	0.7741994	0.9108838	-1.09789	0.205026	0.543665	0.14365	0.0089158	0.339499	-2.94551	0.0267568	0.426548	-2.3444	0.0067216	0.232648	-4.29834	0.0082454	0.333688	-2.99681	0.726214	0.892134	-1.12091	0.811779	0.925471	-1.08053	0.0116736	0.359442	-2.78209	0.06367	10.1775	1.48395	1
cg14878520	MNX1;MNX1	0.00166466	0.2855027	1.516602	1.516602	0.6129	0.0325412	0.57661	1.57661	0.41307	0.704422	-1.4196	0.0644055	1.44098	0.0124407	0.5761651	-1.73574	0.0819083	1.435101	1.435101	0.2137949	0.4440103	-1.40525	0.0224414	1.39471	1.39471	0.60016	0.7940458	-1.25935	0.65618	17.0286	2.67611	1
cg02090014	MNX1;MNX1	0.01341006	0.6594111	0.920819	-1.08599	0.625778	1.09572	1.09572	0.107021	1.38714	1.38714	0.868577	1.03128	1.03128	0.607379	0.908106	-1.10119	0.7458008	0.941296	-1.06237	0.7744033	0.6903093	-1.44733	0.000331864	2.593716	2.593716	0.229758	1.26412	1.26412	5.37521	2.944094	0.487	1
cg25287257	MNX1;MNX1	0.02119968	0.0258397	1.420927	1.420927	0.8842238	1.01952	1.01952	0.830699	1.02882	1.02882	0.108787	1.26123	1.26123	0.0154204	0.677635	-1.47563	0.749368	1.0445	1.0445	0.983917	1.1258	1.1258	0.0013867	1.77343	1.77343	0.8288801	1.02915	1.02915	4.61231	1.28621	0.2479879	1
cg24097304	MNX1;MNX1	0.02229976	0.320803	1.565387	1.565387	-1.50288	0.00421481	0.308504	-1.24145	0.0078627	1.851125	-2.84799	0.4861229	0.8774079	-1.24258	0.3763227	-2.68126	0.9390086	0.976817	-1.02373	0.00235872	0.272008	-3.67637	0.0735401	0.878099	-1.13882	0.4664455	0.796571	-1.25538	4.53298	6.76187	1.32596	1
cg07691705	MNX1;MNX1	0.01334146	0.8155558	0.907836	-1.10152	0.00302887	5.37299	5.37299	0.175748	1.8144	1.8144	0.676269	1.18979	1.18979	0.378556	0.6880882	-1.45332	0.7740065	1.12649	1.12649	0.349949	0.527978	-1.89402	0.0101382	3.82696	3.82696	0.7619443	1.13397	1.13397	3.93236	10.6647	2.4107	1
cg00841693	MNX1;MNX1;MNX1	0.00048996	0.869455	1.02553	1.02553	0.0706828	1.36311	1.36311	0.352951	1.893652	-1.15787	0.253288	1.22018	1.22018	0.667093	1.06862	-1.10462	0.3628872	0.886391	-1.1543	0.861269	0.97353	-1.02719	5.29E-06	4.87144	4.87144	0.0235783	1.51383	1.51383	14.3711	5.9535	0.331126	1
cg08017928	MNX1;MNX1;MNX1	0.00137209	0.294919	0.7001152	-1.42826	0.0306166	0.434505	-2.30147	0.976087	0.990212	-1.00988	0.56587	1.2098	1.2098	0.0037822	3.60435	3.60435	0.348852	1.3723	1.3723	0.000365737	0.153659	-6.51083	0.00881489	1.43943	1.43943	0.513408	0.640597	0.857017	-1.16684	10.7515	18.3368	1.51601	1
cg00807892	MOBK1A	1.94E-05	0.02564027	1.516157	1.516157	0.0057599	0.01885	0.01885	0.0012467	1.958856	1.958856	0.544806	1.382737	1.382737	0.0191011	0.2831127	-3.5318	0.3202284	0.584019	-1.75956	0.432159	1.59466	1.59466	0.0001570908	30.5634	30.5634	0.0975326	0.3823564	2.61531	8.30239	36.7665	3.93928	1
cg17840361	MOBK1A	0.00220884	0.00154683	0.349894	-2.85801	0.00311448	0.393514	-2.54121	0.00316568	0.394561	-2.53446	0.697275	0.913779	-1.09436	1.51E-05	0.126349	-7.91458	0.000145953	0.221424	-4.51622	0.994761	1.00152	1.00152	0.8939112	1.03125	1.03125	0.00202835	0.3664479	-2.72867	17.8825	15.0677	0.748972	1
cg07465031	MOBK1A	0.00078138	0.00705946	0.653176	-1.57387	0.00017593	2.40682	2.40682	0.00661302	1.58285	1.58285	0.0271445	0.711302	-1.40587	0.0198061	0.693173	-1.44264	0.0575635	0.755985	-1.32278	0.388701	0.891306	-1.12195	0.463201	1.10215	1.10215	0.0448206	1.3498	1.3498	2.66303	3.38745	0.2388554	1
cg06130599	MOBK1A	0.00077905	0.04835115	0.790095	-1.36069	0.2933558	0.858985	-1.16416	0.3291984	0.868984	-1.15077	0.30771	1.15863	1.15863	0.793997	0.9580904	-1.04377	0.2024707	1.14425	1.14425	0.0060645535	0.185883	2.08583	0.0990757	1.77516	1.77516	0.1286709	0.1609471	0.81133	-1.23254	0.5973	3.97026	0.2737263	1
cg26164735	MOBK1A	0.01293669	0.04215754	0.784675	-1.27441	0.446643	0.922795	-1.08366	0.251507	0.883299	-1.13212	0.492849	1.07481	1.07481	0.822286	0.976967	-1.02358	0.2751	1.12481	1.12481	0.00543639	0.684636	-1.46063	0.0726738	0.812676	-1.2305	0.000920913	0.5988315	-1.66996	5.43878	0.9241957	0.1510346	1
cg05096096	MOBK1A	0.02114668	0.8251388	1.09399	1.09399	0.2729506	1.01952	-1.27306	0.393154	0.8424848	-1.18645	0.18608	0.7612449	1.31363	0.6859964	1.08232	-1.08232	0.0292584	0.606661	-1.64837	0.458028	0.9653485	1.1581	0.4089867	1.16967	1.16967	0.0264728	0.9599319	-1.04185	4.61503	2.76818	0.5330557	1
cg27099166	MOBK1A	0.01294275	0.9550678	0.98725	-1.01291	0.530426	1.15573	1.15573	0.875814	0.960515	-1.03626	0.795353	0.9425525	-1.06098	0.855097	0.9592223	-1.04251	0.794148	0.06136	1.06136	0.002755322	0.257596	-3.88206	0.8192233	0.949205	-1.05351	0.1098818	0.97705	-1.02349	4.48211	1.681643	0.730138	1
cg17920868	MOBK1A	0.01595564	0.117064	0.817745	-1.22287	0.094136	1.24297	1.24297	0.340258	0.89034	-1.12317	0.104472	1.23336	1.23336	0.144909	1.20325	1.20325	0.0209514	0.720138	-1.38862	0.474005	1.08987	1.08987	0.651418	1.05522	1.05522	0.0161852	1.415574	1.41574	3.82952	0.8471019	0.196629	1
cg22391754	MOBK1A	0.01488021	0.8180931	1.0189	1.0189	0.4761234	0.72334	-1.5943	0.56474	1.45128	1.45128	0.250591	0.8463587	1.18147	0.2150918	0.8824387	-1.13317	0.982524	1.01415	1.01415	0.8184041	1.247796	1.247796	0.2733002	1.08879	1.08879	0.2230707	1.28958	1.28958	1.76357	0.6008	0.4724	1
cg01583398	MOBK1B	0.00011444	6.40E-06	0.238736	-4.18872	0.171872	0.813025	-1.22997	0.144206	0.799895	-1.25016	0.0712616	0.7507	-1.33209	0.2206	0.305554	3.27274	0.622638	0.931837	-1.07315	0.00396747	0.576171	-1.7356	0.00208988	0.539944	-1.85206	0.000735061	0.481869	-2.07525	6.85117	0.285176	1
cg00753399	MOBK1B	0.00127647	0.00542292	3.1458	3.1458	0.0097357	0.697533	1.897333	0.719359	1.1626	1.1626	0.465924	1.886863	1.886863	0.0035737	0.2284145	-4.37806	0.388658	1.090002	1.090002	0.1007035	0.8656449	-1.76437	0.0264056	1.313132	1.313132	0.0010861	0.8444548	-1.18439	0.2348	0.2407	0.2407574	1
cg19885631	MOBK1B	0.02404616	0.1503242	0.82575	-1.21102	0.00475756	1.5928	1.5928	0.375852	1.11947	1.11947	0.00788205	0.6548894	-1.52697	0.848668	1.02401	1.02401	0.1645011	0.831794	-1.20222	0.886087	0.982497	-1.01782	0.143415	0.8226632	-1.21561	0.532041	1.08177	1.08177	4.41675	1.07867	0.2170586	1
cg21876918	MOBK2A	0.00203146	0.00293467	0.380784	-2.55896	0.0319885	1.78225	1.78225	0.4587	1.18949	1.18949	0.0998456	0.6605522	-1.51395	0.00144604	0.2232275	-4.47877	0.2538861	0.760318	-1.31524	0.910872	1.02609	1.02609	?	?	?	0.0631469	0.6184061	-1.61706	9.78777	7.28914	0.744587	1
cg20152841	MOBK2A	0.00277958	0.1659544	0.8498	-1.17648	0.0350054	0.612308	-1.21088	0.0028861	0.560981	-1.78349	0.0688825	0.5629484	-1.77614	0.0013744	0.4726	-2.11628	0.0385631	0.674382	-1.48248	0.0170529	0.773126	-1.29407	0.0119577	1.294512	1.294512	0.0201996	0.7539191	1.3947	0.2384078	1.3	0.2384078	1
cg22793120	MOBK2A	0.0121769	0.542759	0.90189	-1.10878	0.0276181	1.54734	1.54734	0.429939	1.14458	1.14458	0.0721335	0.714325	-1.39992	0.0130288	0.596699	-1.67589	0.1143004	0.749837	-1.33362	0.701286	1.06673	1.06673	0.00943086	1.73589	1.73589	0.0224614	0.633275	-1.58134	5.54708	2.46807	0.395495	1
cg05533809	MOBK2A	0.015656	0.1043193	0.811019	-1.23269	0.0248351	1.24233	1.24233	0.163078	0.52909	-1.88955	0.0441531	0.7563	-1.32215	0.0444153	0.7563	-1.32215	0.5048287	0.908535	-1.10054	0.0388341	0.9981	1.0015	0.9944599	1.44776	1.44776	0.2744624	0.7563	-1.32215	0.0443153	1.777	0.309247	1
cg15187398	MOBK2A	0.01847774	0.05779861	1.63201	1.63201	0.0511753	1.66043	1.66043	0.00957593	2.11507	2.11507	0.0942596	1.52206	1.52206	0.0165054	0.512267	-1.95201	0.135525	1.44392	1.44392	0.301169	0.783001	-1.27714	0.041034	1.71325	1.71325	0.8064054	0.966222	-1.03496	4.83235	1.990661	0.734054	1
cg24938761	MOBK2A	0.0461763	0.65142	1.15457	1.15457	0.00290297	3.6457	3.6457	0.076421	1.86432	1.86432	0.410331	0.7663388	-1.30482	0.364052	1.34281	1.34281	0.700965	0.885204	-1.12968	0.167816	0.628416	-1.5913	0.113181	1.72425	1.72425	0.430269	0.775368	-1.28971	3.49157	5.5224	1.4059	1
cg06896207	MOBK2A	0.0462572	0.12535	1.14945	1.14945	0.0135123	0.643842	-1.55375	0.622748	0.890062	-1.12355	0.0244348	-1.18645	0.18608	0.7612449	1.31363	0.6859964	1.08232	-1.08232	0.3028	1.03415	1.03415	1.4379	0.0266561	1.44837	1.44837	0.0154828	1.0053	1.0053	1.16967	1.16967	0.0264728	0.5599319	-1.66856	4.61503	2.76818	0.5330557	1
cg00469167	MOBK2B	0.00043155	0.00011628	1.6015	1.6015	0.321807	0.17398	0.07398	0.00256384	1.33859	1.33859	0.0025979	1.33771	1.33771	0.0031701	1.13737	1.13737	0.000171438	1.56093	1.56093	0.00642466	0.780992	-1.28042	0.793227	1.01849	1.01849	0.0481127	1.1706	1.1706	14.8793	1.14582	0.0684515	1
cg13737103	MOBK2B	0.0225563	0.7888662	1.0822	1.0822	0.2729506	1.01952	-1.27306	0.393154	0.8424848	-1.18645	0.18608	0.7612449	1.31363	0.6859964	1.08232	-1.08232	0.3683683	1.1002	1.1002	0.1903	0.9592	1.0355	0.4687	1.1003	1.1003	0.4687	0.8700144	1.0355	0.5538	1.08123	1.0355	0.1538	1
cg13937312	MOBK2B	0.0213003	0.255865	0.51168	-1.95435	0.00458304	0.118581	-8.43309	0.14235	0.410264	-2.43746	0.819855	1.13753	1.13753	0.008134558	0.147511	-6.77916	0.558205	1.39725	1.39725	0.831638	1.1278	1.1278	0.00442121	0.116936	-8.55171	0.542491	0.7059	-1.41663	4.60463	23.2739	4.49285	1
cg06896207	MOBK2B	0.0462572	0.197345	1.44254	1.44254	0.0183509	0.70726	-1.40222	0.322633	0.858165	-1.16538	0.678944	1.14028	1.14028	0.042838	1.1832	1.1832	0.0695474	1.6916	1.6916	0.0428397	0.5414389	1.6581	0.0885984	1.67357	1.67357	0.0264728	0.5599319	-1.66856	4.61503	2.76818	0.5330557	1
cg21248486	MOBK2B	0.0371822	0.978455	1.00341	1.00341	0.758458	1.03961	1.03961	0.213225	1.1795	1.1795	0.0508329	0.755627	-1.32411	0.0597405	0.774938	-1.29043	0.585914	1.03063	-1.07174	0.00140371	0.558434	-1.79072	0.662796	0.946238	-1.05682	0.594138	0.934506	-1.07008	3.78308	0.5950421	0.2233315	1
cg24677082	MOBK2C;MOBK2C	0.00403547	0.125833	2.41333	2.41333	0.59255	0.750275	-1.33284	0.000355137	0.0473582	-21.1157	?	?	?	0.706434	1.22294	1.22294	0.245495	0.524093	-1.90806	0.00180658	0.0944116	-10.5919	0.34162	1.68402	1.68402	0.67377	1.25258	1.25258	8.00245	31.8711	3.98267	1
cg01351772	MOBK2C;MOBK2C	0.0115172	0.0128263	4.618904	4.618904	0.0198548	0.662566	-1.50928	0.828095	1.108969	-1.03199	0.102208	0.769649	-1.29929	0.0376614	0.653307	-1.53067	0.240871	1.1969	1.1969	0.0346456	1.42752	1.42752	0.0647716	0.737307	-1.35648	0.2379503	1.19854	1.19854	1.16737	1.25376	0.301681	1
cg03699070	MOBK2C;MOBK2C	0.0248143	0.0146886	0.753578	-1.35985	0.0279753	0.30435	0.30435	0.402125	1.09171	1.09171	0.034753	0.77736	-1.28641	0.375217	0.911072	1.09761	0.926558	0.99061	-1.00948	0.0204958	0.751488	-1.3307	0.207981	1.14552	1.14552	0.339383	1.10602	1.10602	4.36854	0.7245339	0.147426	1
cg17946439	MOBK2C;MOBK2C	0.0384719	0.4030358	0.708373	-1.41208	0.376526	1.2868	1.2868	0.0139	1.14579	1.14579	0.194897	0.68448	-1.46096	0.0198304	0.457723	-2.18473	0.0053158?	0.360586	2.7734	0.0443752	0.520754	-1.92026	0.788881	0.928152	-1.07744	0.108388	0.614476	-1.6274	4.76222	4.558891	1.049487	1
cg02817981	MOBK3;MOBK3;MOBK3	0.00039783	0.000110116	0.308761	-3.23875	0.20122	0.792121	-1.26243	0.000595871	0.40051	-2.49682	0.822235	0.63962	1.01962	0.000596556	0.400575	-2.49641	0.1914147	0.787574	-1.26972	0.000158707	0.327935	-3.04939	0.000676383	0.4097704	-2.45276	0.00302352	0.495726	-2.01725	15.8081	7.50555	0.476848	1
cg19965941	MOBK3;MOBK3;MOBK3	0.00094358	0.314581	1.17923	1.17923	0.383918	0.865021	-1.15624	0.00282078	0.520921	-1.91968	0.0108587	0.826985	1.20918	0.0026	0.752503	-1.32839	0.183612	1.25203	1.25203	0.612405	0.922198	-1.08437	0.456045	0.886612	-1.12789	0.875184	0.975388	1.16137	4.76112	0.353806	1
cg07915356	MOBK3;MOBK3;MOBK3	0.00214863	?	?	?	0.2002077	0.155124	-4.2724	0.0245812	0.560881	-1.78358	0.0688825	0.5629484	-1.77614	0.0013744	0.4726	-2.11628	0.0385631	0.674382	-1.48248	0.0170529	0.773126	-1.29407	0.0119577	1.294512	1.294512	0.0201996	0.7539191	1.3947	0.2384078	1.3	0.2384078	1
cg03559686	MOBK3;MOBK3;MOBK3	0.00390345	0.00737199	0.31649	-3.15965	0.00141268	0.214465	-4.66277	0.0165712	0.377165	-2.65136	0.717709	1.12858	1.12858	0.00128534	0.209404	-4.77546	0.08295445	0.527492	-1.89576	0.00203131	0.234662	-4.26145	0.0229226	0.403862	-2.47609	0.0356084	0.442672	-2.25901	7.9105	13.907	1.5627	1
cg00950313	MOBK3;MOBK3;MOBK3	0.00568057	0.506323	1.12108	1.12108	0.0248351	1.24233	1.24233	0.163078	0.52909	1.52909	0.32566	0.7486646	-1.33574	0.180413	0.665492	-1.50309	?	?	?	0.000819981	0.236935	-4.22158	0.0109223	1.64903	1.64903	0.0492883	1.89663	1.89663	6.85216	7.84819	1.14545	1
cg10972865	MOBK3;MOBK3;MOBK3	0.0142011	0.8183301	0.963834	-1.03752	0.00227571	2.66644	2.66644	0.52503	0.901447	-1.10933	0.378021	1.1558	1.1558	0.953838	1.14935	1.14935	0.347683	1.16741	1.16741	0.822663	0.964704	-1.03659	0.211876	0.810163	-1.23432	0.861788	0.97249	-1.02829	5.27509	2.1409	0.360757	1
cg11442734	MOBK3;MOBK3;MOBK3	0.0162591	0.00253839	2.29825	2.29825	0.639574	0.910337	-1.09849	0.145808	0.36483	1.36483	0.175591	1.33224	1.33224	0.0996391	0.698074	-1.43251	0.118754	0.713716	-1.40112	0.262742	0.7925	-1.26183	0.0300371	0.601523	-1.66245	0.1466685	0.73326	-1.36377	5.04395	3.16899	0.558467	1
cg22969808	MOBK3;MOBK3;MOBK3	0.0307591	0.1276795	1.295417	1.295417	0.1082	0.0225609	-1.44228	0.0238236	0.6893132	-1.44273	0.1108621	1.27256	1.27256	0.0179434	0.7855	-1.27323	0.7816217	1.09	1.09	0.156949	0.911166	0.7075353	0.1964992	1.15768	1.15768	0.0023493	1.7944	1.7944	6.64628	3.55972	1.267046	1
cg20267398	MOBK3;MOBK3;MOBK3	0.0290038	0.0249846	0.68088	-1.64255	0.136261	0.74535	-1.34165	0.027655	0.61637	-1.6224	0.36203	1.18563	1.18563	0.0156643	0.921436	-1.08526	0.0062684	0.510249	-1.95983	0.410155	0.858169	-1.16527	0.308898	0.825545	-1.21117	0.00335403	0.499438	-2.00225	4.52327	2.29603	0.394959	1
cg10051630	MOBK3;MOBK3;MOBK3	0.012092	0.0005858	0.624062	1.602437	0.0187326	0.70614	-1.41592	0.1842	0.58603	-1.70688	0.2148159	0.7064	-1.41555	0.1842	0.5063167	1.97546	0.0003533	1.35246	1.35246	0.1735246	0.7354258	0.9972087	-1.00271	0.6688856	1.23658	1.23658	0.1963287	1.23658	1.23658	3.92387	0.2429483	0.0829	1
cg26641576	MOBK3;MOBK3;MOBK3	0.0389715	0.703669	0.925439	-1.08057	0.14952	1.36797	1.36797	0.266211	1.12678	1.12678	0.0911968	0.685771	-1.45821	0.0150462	0.545583	-1.8329	0.1930445	0.756314	-1.3222	0.926383	0.981436	-1.01891	0.704429	1.08034	1.08034	0.0115118	1.898808	1.89808	3.71858	2.42125

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08491150	MON1B	0.000147738	0.177636	0.856878	-1.16703	0.693381	0.958176	-1.04365	0.0183535	0.73452	-1.36143	0.806097	1.02687	1.02687	0.157115	1.1772	1.1772
cg06596743	MON1B	0.00190189	0.746938	0.926188	-1.07969	0.55542	1.15172	1.15172	0.0897603	0.64213	-1.55732	0.318344	0.783281	-1.27668	0.00195852	0.354589	-2.82017
cg08043024	MON1B	0.00324998	0.189684	1.27523	1.27523	0.0403446	1.51361	1.51361	0.122003	1.34092	1.34092	0.617573	1.0921	1.0921	0.119105	0.743759	-1.34452
cg06752814	MON1B	0.00388094	0.389869	0.782931	-1.27725	0.0025852	3.18938	3.18938	0.522963	1.19698	1.19698	0.00540624	0.361722	-2.76455	?	?	?
cg02521665	MON1B	0.0104437	?	?	?	0.000504391	0.249808	-4.00308	0.492344	1.17992	1.17992	0.929367	0.979233	-1.02121	0.0156188	0.484341	-2.06466
cg01459033	MON1B	0.0328396	0.159359	0.800045	-1.24993	0.711302	1.0567	1.0567	0.010409	0.619677	-1.61374	0.983921	1.00299	1.00299	0.447772	0.89157	-1.12162
cg25061763	MON2	0.00771217	0.386212	0.868832	-1.15097	0.161163	0.789084	-1.26729	0.0695435	0.725192	-1.37895	0.0418838	1.44947	1.44947	0.67458	1.06913	1.06913
cg00224126	MON2	0.0247948	0.428755	0.901381	-1.10941	0.0163849	1.458	1.458	0.011948	1.49648	1.49648	0.157406	0.823398	-1.21448	0.525155	1.08628	1.08628
cg01405329	MON2	0.0300363	0.03699	1.31252	1.31252	0.00381142	1.54968	1.54968	0.033575	1.32144	1.32144	0.00901513	1.45171	1.45171	0.0932274	1.23036	1.23036
cg05730369	MON2	0.0379218	0.0039471	0.186719	-5.35564	0.0278738	3.07939	3.07939	0.129987	2.02969	2.02969	0.888284	1.06272	1.06272	0.562297	1.2886	1.2886
cg12366118	MON2;MON2	0.0278378	0.80324	1.03305	1.03305	0.376833	1.12539	1.12539	0.987641	1.00202	1.00202	0.627019	0.938205	-1.06587	0.110927	0.797538	-1.25386
cg07090057	MORC1	2.26E-06	3.50E-08	0.0825352	-12.116	0.134524	1.22594	1.22594	0.000481178	0.500874	-1.99651	0.0918163	0.791103	-1.26406	2.87E-05	0.354401	-2.82166
cg04167867	MORC1	5.02E-06	8.61E-08	0.0688009	-14.5347	0.065289	0.730307	-1.36929	0.0103815	0.612476	-1.63272	3.91E-05	0.302388	-3.30701	0.685652	0.940066	-1.06376
cg25092670	MORC1	9.29E-05	1.76E-06	0.0379891	-26.3233	0.872295	1.04507	1.04507	?	?	?	0.741387	0.913244	-1.095	0.0797377	0.586923	-1.7038
cg14566661	MORC1	0.000100371	4.18E-06	0.269486	-3.71076	0.685331	0.951083	-1.05143	0.0189768	0.704884	-1.41867	0.0289794	0.728366	-1.37294	0.635232	1.0606	1.0606
cg19857541	MORC1	0.000124111	1.88E-06	0.0882417	-11.3325	0.12816	0.713635	-1.40128	0.00815502	0.49926	-2.00296	0.278928	0.793792	-1.25978	0.0184753	0.556442	-1.79713
cg05096681	MORC1	0.00174413	2.13E-05	0.141901	-7.04718	0.150322	0.703441	-1.42158	0.341927	1.25033	1.25033	0.531923	0.865497	-1.15541	0.937452	1.01807	1.01807
cg05148217	MORC1	0.00175679	4.93E-05	0.055972	-17.8661	0.0981997	0.503644	-1.98553	0.613579	0.824851	-1.21234	0.561141	1.24883	1.24883	0.0210095	0.349994	-2.85719
cg18733433	MORC1	0.00218781	0.000600702	0.437719	-2.28457	0.000289538	0.397408	-2.51631	0.901232	0.980807	-1.01957	0.462883	0.88991	-1.12371	0.604616	1.08494	1.08494
cg25456186	MORC1	0.00298865	0.00122426	0.607283	-1.64668	0.0301494	0.764251	-1.30847	0.953922	1.00611	1.00611	0.043516	1.27734	1.27734	0.723749	0.96327	-1.03813
cg16259931	MORC1	0.00370932	0.00128238	0.0788237	-12.6865	0.0192697	0.216105	-4.62739	0.084714	0.356355	-2.80619	0.00691362	0.150791	-6.63168	0.000711265	0.061401	-16.2864
cg16903689	MORC1	0.0274773	0.000680676	0.0327065	-30.575	0.102436	3.24582	3.24582	0.253487	2.19387	2.19387	0.474985	0.619641	-1.61384	0.904351	0.923857	-1.08242
cg26540808	MORC1	0.0324115	0.0138385	0.452404	-2.21042	0.00875329	2.38877	2.38877	0.912244	0.971662	-1.02916	0.884392	0.962772	-1.03867	0.705353	1.10412	1.10412
cg07143331	MORC2	0.00063659	0.000344873	0.263307	-3.79785	0.382494	1.2306	1.2306	0.000781688	0.308181	-3.24484	0.212192	1.35589	1.35589	0.000154746	0.222761	-4.48911
cg02590292	MORC2;TUG1	0.0171374	0.174045	1.14571	1.14571	0.0103141	1.35528	1.35528	0.0142013	1.32918	1.32918	0.0317719	0.789187	-1.26713	0.0829921	1.19788	1.19788
cg13552650	MORC3	0.00058491	0.258308	0.880201	-1.1361	5.51E-05	2.25279	2.25279	0.00548812	1.4844	1.4844	0.0643626	0.798654	-1.25211	0.0814065	0.811419	-1.23241
cg21650694	MORC3	0.0170311	0.16162	1.64639	1.64639	0.0220612	0.383741	-2.60593	0.929862	0.971735	-1.02909	?	?	?	?	?	?
cg01261013	MORC3	0.0372736	0.489573	1.26205	1.26205	0.898595	1.04318	1.04318	0.639039	0.85501	-1.16958	0.444891	0.772418	-1.29464	0.00117572	0.206263	-4.84819
cg19523931	MORC3	0.0477201	0.54784	0.815039	-1.22694	0.963182	1.01564	1.01564	0.732529	1.12228	1.12228	0.0100303	0.335207	-2.98323	0.00278576	0.249969	-4.0005
cg02370478	MORC4;MORC4	0.00039355	0.0812253	0.547614	-1.82611	0.00244233	0.268812	-3.72007	0.00203565	0.257955	-3.87664	0.00302217	0.281874	-3.54768	0.000380358	0.17066	-5.8596
cg11865600	MORC4;MORC4	0.00915364	0.00366227	0.218691	-4.57267	0.194881	0.588361	-1.69964	0.0143856	0.311276	-3.21258	0.858859	0.933461	-1.07128	0.00155691	0.172165	-5.80836
cg21067846	MORC4;MORC4	0.0170773	0.430975	1.24112	1.24112	0.0124567	0.433581	-2.30637	0.13863	0.651529	-1.53485	0.823276	0.941658	-1.06196	0.00433735	0.358977	-2.78569
cg16718139	MORC4;MORC4	0.0183496	0.00805784	3.61178	3.61178	0.190933	0.59217	-1.68871	0.119812	0.528046	-1.89377	0.0802001	0.479801	-2.0842	0.0347464	0.394064	-2.53766
cg22461018	MORF4	0.00617639	0.057394	0.476608	-2.09816	0.570732	0.82074	-1.21841	0.0541471	0.4707	-2.1245	0.036553	0.432708	-2.31103	0.228278	0.646628	-1.54649
cg02545984	MORF4	0.0123122	0.05997	0.431652	-2.31668	0.0100156	0.276067	-3.62231	0.217931	0.598636	-1.67046	0.173051	0.563273	-1.77534	0.0558496	0.424159	-2.35761
cg15902089	MORF4	0.0172463	0.0113884	0.40288	-2.48213	0.0106484	0.397865	-2.51341	0.0643333	0.550721	-1.8158	0.893586	1.03916	1.03916	0.00504794	0.344985	-2.89867
cg14426682	MORF4L1;MORF4L1	0.000165241	0.00576636	0.555396	-1.80052	0.00430975	1.85966	1.85966	0.00308537	1.93161	1.93161	0.0895471	0.73766	-1.35564	1.94E-05	0.24442	-4.09132
cg07757959	MORF4L1;MORF4L1	0.00155733	0.213751	0.921587	-1.08508	0.329422	0.939149	-1.06479	0.116881	0.899196	-1.1121	0.0813663	1.12806	1.12806	0.138705	1.10453	1.10453
cg04661436	MORF4L1;MORF4L1	0.00803102	0.000882547	0.18698	-5.34818	0.812861	1.08305	1.08305	0.629421	0.849104	-1.17771	0.32991	0.713022	-1.40248	0.0307682	0.425927	-2.34782
cg12394014	MORF4L1;MORF4L1	0.0101135	0.0695299	0.481645	-2.07622	0.657451	0.851631	-1.17422	0.104627	0.528182	-1.89329	0.558833	0.808368	-1.23706	0.00116933	0.179999	-5.55559
cg03589001	MORF4L1;MORF4L1	0.0256474	0.664777	0.918095	-1.08921	0.919697	0.980429	-1.01996	0.124174	0.721572	-1.38586	0.0518729	1.54281	1.54281	0.0268482	0.598122	-1.6719
cg25789882	MORF4L1;MORF4L1	0.0298509	0.0268214	1.62115	1.62115	0.222449	0.78964	-1.2664	0.707043	0.932816	-1.07202	0.194703	0.77671	-1.28748	0.0187927	1.68942	1.68942
cg24795825	MORF4L1;MORF4L1	0.0424208	0.174353	0.500984	-1.99607	0.811442	1.12111	1.12111	0.212033	0.533212	-1.87543	0.106639	2.32266	2.32266	0.0307277	0.297016	-3.36682
cg00615794	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.00488914	0.0410731	0.571975	-1.74833	0.991386	1.00256	1.00256	0.827361	0.949553	-1.05313	0.7944	1.06385	1.06385	0.000146665	0.212657	-4.70241
cg11425349	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.027566	0.193948	0.454716	-2.19917	0.00587607	0.126543	-7.90242	0.0515971	0.280713	-3.56235	0.263731	1.95042	1.95042	0.0190892	0.196581	-5.08696
cg16950696	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.00458803	0.145855	0.783915	-1.27565	0.957655	0.991755	-1.00831	0.00169169	2.01266	2.01266	0.00320075	0.533953	-1.87283	0.0324037	0.676694	-1.47777
cg18813010	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.0117637	0.052643	0.3047	-3.28192	0.0496738	0.298832	-3.34637	0.0526523	0.304718	-3.28173	0.653677	0.783787	-1.27586	0.00336208	0.11624	-8.60289
cg21875666	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.0420607	0.215442	1.55275	1.55275	0.0683398	0.502199	-1.99124	0.353437	0.724534	-1.3802	0.11543	0.561248	-1.78174	0.00866867	0.323294	-3.09316
cg12523403	MORG1;MORG1;C19orf56;MORG1	0.000481391	0.0715107	0.796656	-1.25525	0.0165764	1.39175	1.39175	0.00124175	1.70413	1.70413	0.0377397	0.761698	-1.31286	0.0481217	0.774799	-1.29066
cg08021986	MORG1;MORG1;MAN2B1	0.000465352	0.928934	1.0282	1.0282	0.927493	1.02878	1.02878	0.688821	1.13371	1.13371	0.0214927	0.422725	-2.3656	0.299009	0.714927	-1.39874
cg02484047	MORG1;MORG1;MAN2B1	0.000702021	0.0227129	0.827412	-1.20859	0.0367174	1.18364	1.18364	1.67E-05	1.8485	1.8485	0.840607	0.986108	-1.01409	0.996117	0.999662	-1.00034
cg22576055	MORG1;MORG1;MAN2B1	0.00194096	0.0144878	3.05311	3.05311	0.000870061	6.36542	6.36542	0.0239192	2.71393	2.71393	0.701753	0.86713	-1.15323	0.12414	0.539599	-1.85323
cg11621113	MORG1;MORG1;MAN2B1	0.0332184	0.0984888	0.403658	-2.47734	0.0857388	0.386422	-2.58785	0.173469	0.484274	-2.06495	0.165641	0.476979	-2.09653	0.00355989	0.138437	-7.22352
cg12548088	MORG1;MORG1;MAN2B1;MAN2B1	0.00195465	0.00343333	0.535181	-1.86853	0.38574	0.869485	-1.15011	0.833	0.967336	-1.03377	0.478246	1.12007	1.12007	0.0076678	1.71427	1.71427
cg09920427	MORG1;MORG1;MAN2B1;MORG1	0.000263234	0.0219328	0.826831	-1.20944	2.41E-05	1.78988	1.78988	0.215582	1.09434	1.09434	0.00227507	0.744356	-1.34344	0.169749	0.903788	-1.10645
cg20791841	MORG1;MORG1;MAN2B1;MORG1	0.0497549	0.513482	0.900616	-1.11035	0.00936451	1.68289	1.68289	0.619118	1.08238	1.08238	0.309187	1.18086	1.18086	0.16444	1.26404	1.26404
cg19638176	MORG1;MORG1;MORG1	0.00274422	0.038726	1.70696	1.70696	0.000611377	3.25164	3.25164	0.0169846	1.91601	1.91601	0.00203165	2.64291	2.64291	0.899606	0.9722	-1.02859
cg04788743	MORN1	0.000135092	0.0090196	0.645162	-1.55	0.144088	0.812883	-1.23019	0.000388742	0.473889	-2.1102	0.757622	0.959959	-1.04171	8.84E-06	0.280087	-3.57032
cg00032879	MORN1	0.000268265	0.020533	0.450817	-2.21819	0.0017765	0.280754	-3.56184	0.0653089	0.553954	-1.8052	0.589354	0.855928	-1.16832	4.37E-05	0.109303	-9.14885
cg00104098	MORN1	0.000276311	0.0524773	1.22769	1.22769	0.000515998	0.604059	-1.65547	0.000101963	0.527171	-1.89692	0.36842	1.08975	1.08975	0.00557282	1.40314	1.40314
cg15839450	MORN1	0.000354944	0.541635	0.870279	-1.14906	0.0674076	0.630739	-1.58544	0.104416	0.670877	-1.49059	0.05847	0.618312	-1.61731	3.20E-06	0.0836298	-11.9575
cg04292672	MORN1	0.000505255	0.046497	0.684648	-1.4606	0.0173751	1.61811	1.61811	0.281601	1.20433	1.20433	0.56222	0.907231	-1.10226	0.00188124	0.480811	-2.07982
cg16600733	MORN1	0.000689803	0.0191197	0.522811	-1.91274	0.342154	0.79945	-1.25086	0.138509	0.694396	-1.4401	0.197915	0.732554	-1.36509	2.51E-05	0.147448	-6.78207
cg10521034	MORN1	0.00117821	0.390674	1.14597	1.14597	0.326365	1.16996	1.16996	0.000254321	0.393125	-2.54372	0.524895	0.905009	-1.10496	0.00121702	0.480268	-2.08217
cg04992757	MORN1	0.00235221	0.020087	0.583248	-1.71454	0.0692935	0.676612	-1.47795	0.00401153	0.475583	-2.10268	0.0466238	0.645325	-1.54961	0.00197396	0.431521	-2.31738
cg15836199	MORN1	0.00405266	0.258634	0.748404	-1.33618	0.00138409	0.319792	-3.12703	0.000537637	0.266077	-3.75831	0.487327	0.8407	-1.18948	0.186991	0.708986	-1.41047
cg04236205	MORN1	0.00409052	0.00305723	0.571464	-1.74989	0.0234489	0.688383	-1.45268	0.00256627	0.561706	-1.78029	0.0396991	0.720318	-1.38828	0.172494	0.818499	-1.22175
cg08468283	MORN1	0.00469538	0.0129638	0.461951	-2.16473	0.0111625	0.450896	-2.21781	0.037734	0.546884	-1.82854	0.748952	1.08373	1.08373	0.000928441	0.289901	-3.44945
cg22519947	MORN1	0.00494907	0.356587	0.821009	-1.21801	0.662646	0.912739	-1.0956	0.415471	0.841036	-1.18901	0.681995	1.08947	1.08947	0.000442379	0.315436	-3.17022
cg14982930	MORN1	0.00740884	0.464461	0.900656	-1.1103	0.112533	1.2748	1.2748	0.0512267	1.36614	1.36614	0.692534	0.945679	-1.05744	0.92637	1.01307	1.01307
cg12936238	MORN1	0.00773062	0.852083	0.945182	-1.058	0.328103	1.35647	1.35647	0.111919	1.68681	1.68681	0.0090422	2.7242	2.7242	0.00069027	0.209172	-4.78075
cg14288483	MORN1	0.00868817	0.980681	1.00681	1.00681	0.0385541	0.510871	-1.95744	0.251108	0.714584	-1.39942	0.111727	1.6249	1.6249	0.00122865	0.265851	-3.76151
cg17849542	MORN1	0.00878495	0.00587692	0.631141	-1.58443	0.231222	0.851868	-1.17389	0.00255985	0.586223	-1.70584	0.546756	1.08097	1.08097	0.958314	1.0067	1.0067
cg01520454	MORN1	0.00954864	0.0923116	0.555745	-1.79939	0.00985453	0.355511	-2.81285	0.0206951	0.413422	-2.41883	0.900191	0.960997	-1.04059	0.00137331	0.22947	-4.35787
cg07701579	MORN1	0.0109166	0.0785961	0.507879	-1.96897	0.00534518	0.280133	-3.56973	0.00313736	0.246473	-4.05724	0.677797	0.865109	-1.15592	0.239972	0.652658	-1.5322
cg19811365	MORN1	0.0135683	0.0562153	0.644676	-1.55117	0.0044183	0.462371	-2.16277	0.0167389	0.552729	-1.80921	0.572517	0.890671	-1.12275	0.00663443	0.48902	-2.0449
cg20632871	MORN1	0.0151474	0.0267273	0.296127	-3.37693	0.0202859	0.273256	-3.65958	0.0379045	0.327607	-3.05244	0.0244287	0.288488	-3.46635	0.00250602	0.14278	-7.00376
cg25737215	MORN1	0.0188168	0.023351	0.300203	-3.33108	0.00169607	0.136531	-7.32437	0.00919434	0.23025	-4.34311	0.135552	0.489509	-2.04287	0.0247547	0.30513	-3.27729
cg24679420	MORN1	0.0216594	0.0117906	0.203757	-4.90781	0.0130564	0.210655	-4.74709	0.192264	0.497523	-2.00996	0.353789	0.617199	-1.62022	0.027592	0.267754	-3.73477
cg04156483	MORN1	0.0225242	0.01028	0.393341	-2.54232	0.0164064	0.429043	-2.33077	0.346988	0.756244	-1.32232	0.722274	0.902161	-1.10845	0.01131	0.400451	-2.49718
cg07825369	MORN1	0.0267319	0.0232838	0.363633	-2.75003	0.0152292	0.328913	-3.04031	0.0035582	0.22911	-4.36472	0.683477	0.858185	-1.16525	0.0151719	0.328618	-3.04305
cg14222474	MORN1	0.0303745	0.0100615	0.44298	-2.25744	0.481489	0.83581	-1.19644	0.155178	0.682957	-1.46422	0.226472	0.727351	-1.37485	0.00140523	0.313678	-3.18799
cg01296877	MORN1	0.035256	0.19442	0.625625	-1.5984	0.300308	0.693014	-1.44297	0.114131	0.555894	-1.7989	0.273922	1.47546	1.47546	0.00910372	0.322348	-3.10223
cg17866257	MORN1	0.0378991	0.0254554	0.469228	-2.13116	0.0457406	0.520688	-1.92053	0.0107294	0.401083	-2.49325	0.0502099	0.529347	-1.88912	0.0102714	0.397849	-2.51352
cg03500433	MORN1	0.0383791	0.0512923	0.631386	-1.58382	0.213273	0.762176	-1.31203	0.0468404	0.624054	-1.60243	0.90227	1.02578	1.02578	0.125223	0.709028	-1.41038
cg16399855	MORN1	0.0451503	0.493793	1.4198	1.4198	0.859386	1.09357	1.09357	0.682882	0.812869	-1.23021	0.821598	0.89233	-1.12066	0.00085025	0.0797475	-12.5396
cg15392919	MORN1	0.0460247	0.0902178	0.291125	-3.43496	0.052745	4.28543	4.28543	0.0604534	4.052	4.052	0.449759	1.66365	1.66365	0.00945909	0.113791	-8.78807
cg09811127	MORN1;LOC100129534	0.0387361	0.443347	0.757849	-1.31952	0.549899	0.806844	-1.2394	0.192529	0.613041	-1.63121	0.299654	1.46424	1.46424	0.0080033	0.299478	-3.33915
cg04559183	MORN1;RER1	0.00064935	0.81623	1.03887	1.03887	0.0397824	0.677464	-1.47609	0.0189029	0.627671	-1.59319	0.845779	0.968603	-1.03242	0.359233	1.16699	1.16699
cg11142617	MORN1;RER1	0.00268804	0.00603903	0.286209	-3.49395	0.00494984	0.273051	-3.66233	0.129615	0.564875	-1.7703	0.109993	0.544625	-1.83612	0.00604008	0.28622	-3.49381
cg13102658	MORN1;RER1	0.00918461	0.0144535	0.196916	-5.07831	0.00188242	0.0929255	-10.7613	0.17349	0.458044	-2.1832	0.331326	0.58252	-1.71668	0.00805752	0.160426	-6.2334
cg09024606	MORN1;RER1	0.0120652	0.00655776	0.256328	-3.90126	0.296335	0.658733	-1.51807	0.181705	0.578962	-1.72723	0.535811	0.785282	-1.27343	0.0379969	0.395594	-2.52784
cg06004564	MORN2	2.57E-05	0.000306466	0.347582	-2.87702	0.268617	0.812451	-1.23084	0.0286713	0.627963	-1.59245	0.00123268	0.426695	-2.3436	5.39E-07	0.081317	-12.2976
cg19690101	MORN2;DHX57	2.82E-07	0.000173414	1.73288	1.73288	0.883473	1.01273	1.01273	0.00104596	1.51948	1.51948	0.0201471	1.27342	1.27342	0.270625	0.90582	-1.10397
cg13889620	MORN3	0.00272684	0.00141983	0.120062	-8.32905	0.0218759	0.282843	-3.53554	0.930341	0.960656	-1.04096	0.00539022	0.186027	-5.37555	0.000124787	0.0464505	-21.5283
cg01620223	MORN3	0.0160828	0.00906549	0.564113	-1.77269	0.00277413	0.490565	-2.03847	0.00749306	0.551992	-1.81162	0.375713	0.854759	-1.16992	0.0106491	0.574456	-1.74078
cg23110109	MORN3	0.0183424	0.00418487	0.173221	-5.77296	0.685195	0.830088	-1.20469	0.0524933	0.365145	-2.73864	0.159451	0.50309	-1.98772	0.00276673	0.151676	-6.59301
cg14482952	MORN4;MORN4	0.000282218	0.000715495	0.589197	-1.69722	0.0282265	0.766394	-1.30481	0.00351484	0.665987	-1.50153	0.00532937	0.685918	-1.4579	5.77E-06	0.350661	-2.85176
cg15107554	MORN4;MORN4	0.00316518	0.0403265	0.577669	-1.7311	0.608211	0.887106	-1.12726	0.0135372	0.492623	-2.02995	0.183089	1.38719	1.38719	0.000226682	0.24166	-4.13805
cg06124827	MORN4;MORN4	0.00345274	0.0203099	2.54397	2.54397	0.0604515	0.51013	-1.96028	0.0261237	0.418697	-2.38836	0.229129	0.682745	-1.46468	0.780179	0.921202	-1.08554
cg10030921	MORN4;MORN4	0.00388215	0.00217037	3.38305	3.38305	0.0994786	0.59961	-1.66775	0.369174	1.29856	1.29856	0.566096	1.17857	1.17857	0.759328	1.09094	1.09094
cg14548882	MORN4;MORN4	0.00645202	0.00717045	4.12488	4.12488	0.0614748	0.431447	-2.31778	0.00731591	0.243838	-4.10108	0.399172	1.40388	1.40388	0.19629	1.71553	1.71553
cg12718440	MORN4;MORN4	0.00940177	0.0435731	2.67106	2.67106	0.524756	0.761175	-1.31376	0.264305	0.611023	-1.6366	0.150349	1.92083	1.92083	0.0567602	0.401335	-2.49169
cg19113840	MORN4;MORN4	0.0150406	0.366882	1.18689	1.18689	0.289912	1.2251	1.2251	0.715099	1.07011	1.07011	0.483584	1.14064	1.14064	0.0112783	0.556194	-1.79793
cg15711987	MORN4;MORN4;MORN4	2.44E-05	0.00409225	1.52097	1.52097	4.43E-05	2.32159	2.32159	0.000260037	0.520009	-1.92305	0.180473	1.16744	1.16744	5.28E-06	0.324951	-3.07739
cg07347725	MORN5;NDUFA8	0.00164565	0.12491	1.22122	1.22122	0.00250997	1.65699	1.65699	0.824343	1.02711	1.02711	0.000200399	0.471895	-2.11912	0.667446	1.05338	1.05338
cg00931742	MOS	0.00148874	0.24043	1.26784	1.26784	0.00342085	0.463958	-2.15537	0.225975	0.782314	-1.27826	0.000477314	0.346889	-2.88277	0.000731316	0.371114	-2.69459
cg00636390	MOS	0.0169532	0.54531	0.856853	-1.16706	0.980503	1.00619	1.00619	0.19742	1.41042	1.41042	0.00203026	0.333462	-2.99884	0.0181382	0.484733	-2.06299
cg04704887	MOSC1	0.000143306	0.0556582	0.782009	-1.27876	0.000934249	0.571159	-1.75083	0.000724258	0.558218	-1.79142	0.135905	1.19988	1.19988	2.27E-05	0.38201	-2.61773
cg04396721	MOSC1	0.00528273	0.436231	0.871732	-1.14714	0.106478	1.35613	1.35613	0.0196371	1.62772	1.62772	0.149467	1.30618	1.30618	0.000439594	0.383043	-2.61068
cg24374583	MOSC1	0.00842632	0.0113959	0.409642	-2.44116	0.161004	0.655809	-1.52483	0.11054	0.612616	-1.63234	0.953479	1.01658	1.01658	0.00313366	0.320401	-3.12109
cg20242778	MOSC1	0.0126593	0.0357447	6.86683	6.86683	0.0427684	6.28881	6.28881	0.0184323	9.52821	9.52821	0.0605972	5.30225	5.30225	0.0885674	4.39884	4.39884
cg13986762	MOSC1	0.0246236	0.0292306	4.43262	4.43262	0.355537	1.7347	1.7347	0.159196	2.39174	2.39174	0.0235218	4.79652	4.79652	0.955508	0.96818	-1.03287
cg26000554	MOSC2	0.0027882	0.682107	1.25718	1.25718	0.785296	0.859196	-1.16388	0.0187376	0.205336	-4.87008	0.709184	0.812042	-1.23146	3.38E-05	0.0115063	-86.9086
cg23214787	MOSC2	0.0149713	0.984789	0.997283	-1.00272	0.418539	1.12519	1.12519	0.0906825	1.3047	1.3047	0.422595	0.889686	-1.12399	0.161361	0.807806	-1.23792
cg02367736	MOSC2	0.03024	0.119327	0.535431	-1.86765	0.0390012	0.413524	-2.41824	0.960269	1.01858	1.01858	0.268888	1.53045	1.53045	0.343591	0.697277	-1.43415
cg19361865	MOSC2	0.0330314	0.401281	0.749681	-1.3339	0.625504	1.17934	1.17934	0.680871	0.870501	-1.14876	0.930465	0.971156	-1.0297	0.6391	0.853506	-1.17164
cg05797615	MOSC2	0.0423717	0.0574735	0.398577	-2.50893	0.0558679	0.395584	-2.52791	0.0530776	0.390231	-2.56259	0.959212	1.02214	1.02214	0.00827874	0.23564	-4.24376
cg26218412	MOSC2	0.0433273	0.00174339	2.3266	2.3266	0.543498	0.89018	-1.12337	0.161043	1.32737	1.32737	0.113034	1.38581	1.38581	0.753506	1.06141	1.06141
cg23593167	MOSC2;MOSC2	0.00101764	0.00651952	0.481627	-2.0763	0.101393	0.690268	-1.44871	0.616335	1.11005	1.11005	0.00299122	0.431042	-2.31996	2.75E-05	0.181165	-5.51982
cg04226749	MOSC2;MOSC2	0.0180843	0.0476274	0.56496	-1.77004	0.30743	1.30515	1.30515	0.0550496	1.73036	1.73036	0.807935	0.940456	-1.06331	0.770867	1.07639	1.07639
cg18929098	MOSPD1	0.000381668	0.000459159	0.176814	-5.65566	0.223929	1.49382	1.49382	0.175989	0.636385	-1.57138	0.187211	0.644611	-1.55132	1.80E-05	0.0638616	-15.6589
cg14452204	MOSPD1	0.000752071	0.498881	0.861417	-1.16088	0.0392829	0.595568	-1.67907	0.0155472	0.524766	-1.90561	0.824307	0.952831	-1.0495	0.000275188	0.274046	-3.64902
cg24654385	MOSPD1	0.00212053	0.00520611	0.708845	-1.41075	0.000203529	0.559199	-1.78827	0.0460947	0.807903	-1.23777	0.09703	1.18529	1.18529	0.0280045	0.784846	-1.27414
cg13935560	MOSPD1	0.035219	?	?	?	0.00995907	0.0743315	-13.4532	0.438112	1.88061	1.88061	0.106543	4.08493	4.08493	0.350353	2.15467	2.15467
cg15819935	MOSPD2	0.0274907	0.469063	1.33144	1.33144	0.230431	0.613276	-1.63059	0.355483	0.691163	-1.44684	0.202555	0.592843	-1.68679	0.000705035	0.134458	-7.43728
cg17014186	MOSPD3	0.000987894	0.00067862	0.163199	-6.12749	0.00695287	0.295587	-3.3831	0.00662284	0.292252	-3.42171	0.10904	0.543382	-1.84033	0.000445983	0.144616	-6.91486
cg01731096	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.0105903	0.0112464	0.152779	-6.5454	0.399268	0.610125	-1.63901	0.0488524	0.269694	-3.7079	0.60638	1.3457	1.3457	0.00175102	0.0673314	-14.8519
cg21063500	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.0177656	0.131993	0.546846	-1.82867	0.816591	1.09008	1.09008	0.621632	1.20285	1.20285	0.783248	1.1078	1.1078	0.00419213	0.240736	-4.15393

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08491150	5.20E-06	0.327763	-3.05098	0.00097636	1.69693	1.69693	0.498135	0.928535	-1.07697	0.00275432	0.640593	-1.56105	19.9384	3.67066	0.163644	1
cg06596743	0.00574859	0.424303	-2.3568	5.65E-05	0.170059	-5.88032	0.964985	1.01045	1.01045	0.115827	0.667102	-1.49902	9.78409	8.69175	0.78965	1
cg08043024	0.0681017	1.42984	1.42984	0.000504303	0.386103	-2.58998	0.0705378	0.702067	-1.42437	0.00518616	0.524264	-1.90744	8.35677	4.0541	0.431224	1
cg06752814	0.0331665	0.500776	-1.9969	0.00748353	0.384337	-2.60188	0.538873	0.841309	-1.18862	0.0461195	1.88639	1.88639	8.09765	8.79295	1.08586	1
cg02521665	0.0591012	0.598004	-1.67223	0.0429413	0.569066	-1.75727	0.925257	1.02246	1.02246	0.914145	1.02586	1.02586	6.73644	5.20135	0.675606	1
cg01459033	0.00940926	0.613642	-1.62962	0.345704	0.865835	-1.15495	0.102535	1.30346	1.30346	0.0210698	0.662609	-1.50919	3.95697	1.37908	0.309795	1
cg25061763	0.0518407	1.4194	1.4194	0.000569412	0.429644	-2.32751	0.133365	1.29213	1.29213	0.549781	1.10053	1.10053	6.41763	2.54668	0.352734	1
cg00224126	0.149565	0.81989	-1.21968	0.567246	0.928372	-1.07715	0.0167729	0.687184	-1.45521	0.647197	1.06101	1.06101	4.36973	1.14318	0.232546	1
cg01405329	0.0412101	1.30266	1.30266	0.400751	1.10138	1.10138	0.835635	0.976945	-1.0236	0.25963	1.14114	1.14114	4.08508	0.815495	0.177447	1
cg05730369	0.37521	0.674422	-1.48275	0.161148	0.523238	-1.91118	0.361491	0.666326	-1.50077	0.838536	1.09232	1.09232	3.75596	11.1427	2.63705	1
cg12366118	0.0203338	0.694666	-1.43954	0.00306493	0.589678	-1.69584	0.0675669	1.30573	1.30573	0.150583	0.818162	-1.22225	4.19636	1.12769	0.238872	1
cg07090057	0.304593	0.874396	-1.14365	0.0190122	0.69875	-1.43113	0.318237	1.1391	1.1391	5.30E-05	0.385607	-2.59331	59.5459	15.0308	0.224376	1
cg04167867	0.256604	0.835398	-1.19703	0.0580376	1.3846	1.3846	0.292107	1.1806	1.1806	0.000113058	0.357028	-2.8009	48.4753	17.7111	0.324767	1
cg25092670	0.380508	0.781532	-1.27954	0.0321225	1.98943	1.98943	0.342717	1.30718	1.30718	0.00311187	0.33016	-3.02884	23.1574	24.4805	1.05713	1
cg14566661	0.0416232	1.33535	1.33535	0.000297147	2.06489	2.06489	0.302076	1.14068	1.14068	0.170802	0.835637	-1.19669	22.1186	5.30987	0.213389	1
cg19857541	0.825648	0.955751	-1.0463	0.000221896	0.283235	-3.53064	0.411812	0.841857	-1.18785	0.00732777	0.492048	-2.03232	20.8952	13.9263	0.592428	1
cg05096681	0.896032	1.03028	1.03028	0.163552	1.40387	1.40387	0.838086	1.04779	1.04779	0.207347	0.738335	-1.3544	10.0331	8.27115	0.732791	1
cg05148217	0.0112852	0.301181	-3.32026	0.420928	1.36467	1.36467	0.983428	0.992177	-1.00788	0.00453894	0.239372	-4.1776	10.0121	22.6747	2.0131	1
cg18733433	0.447649	1.12839	1.12839	0.032566	1.47766	1.47766	0.923327	0.985087	-1.01514	0.0211036	0.648631	-1.54171	9.39255	3.62406	0.342973	1
cg25456186	0.147002	0.848648	-1.17834	0.01049	1.40445	1.40445	0.00483204	1.48314	1.48314	0.0664225	0.804875	-1.24243	8.56778	1.50881	0.156536	1
cg16259931	0.00481308	0.132081	-7.57113	0.0134311	0.190795	-5.24124	0.518587	0.701766	-1.42498	0.00867017	0.163553	-6.11423	8.03273	37.2588	4.12299	1
cg16903689	0.897087	0.918282	-1.08899	0.928896	1.06056	1.06056	0.730682	1.25563	1.25563	0.493057	0.632161	-1.58188	4.21565	28.9778	6.1101	1
cg26540808	0.975972	1.00788	1.00788	0.0130076	2.23348	2.23348	0.614989	0.876131	-1.14138	0.609741	0.874381	-1.14367	3.97564	4.28122	0.957212	1
cg07143331	0.389369	1.22675	1.22675	0.593677	1.13288	1.13288	0.566807	1.14355	1.14355	0.00723035	0.447974	-2.23227	13.3613	11.359	0.755686	1
cg02590292	0.0561627	1.22562	1.22562	0.873715	1.01507	1.01507	0.605393	1.05025	1.05025	0.00960348	1.36124	1.36124	4.95612	0.694485	0.124557	1
cg13552650	0.12605	0.83604	-1.19612	0.0819819	0.811806	-1.23182	0.94496	0.992558	-1.0075	0.00209457	0.626075	-1.59725	13.6807	2.53596	0.164772	1
cg21650694	?	?	?	0.00577282	3.69825	3.69825	0.110184	1.79539	1.79539	0.0407175	2.25232	2.25232	6.83219	7.28664	1.06652	1
cg01261013	0.421563	1.31289	1.31289	0.799199	1.08819	1.08819	0.226699	1.52327	1.52327	0.0838787	0.530331	-1.88561	3.77969	6.58127	1.54775	1
cg19523931	0.339458	0.718137	-1.39249	0.379845	1.35385	1.35385	0.736706	0.892722	-1.12017	0.461029	0.776953	-1.28708	3.44858	6.17681	1.5921	1
cg02370478	0.0646264	0.523815	-1.90907	0.00126669	0.230983	-4.32932	2.48E-05	0.0734138	-13.6214	0.00269418	0.274781	-3.63926	15.2685	23.4688	1.36629	1
cg11865600	0.211746	0.601166	-1.66343	0.00782614	0.267024	-3.74498	0.00981801	0.282892	-3.53492	0.0432353	0.406766	-2.45841	6.07961	14.4085	2.10665	1
cg21067846	0.0375056	1.91298	1.91298	0.101873	1.61805	1.61805	0.482237	0.825354	-1.2116	0.261549	1.36978	1.36978	4.96195	5.67574	1.01676	1
cg16718139	0.10273	1.96503	1.96503	0.475446	1.31598	1.31598	0.389609	0.716356	-1.39595	0.020577	0.34805	-2.87315	4.84366	10.9823	2.01542	1
cg22461018	0.00098401	0.184708	-5.41396	0.00176728	0.215357	-4.64346	0.239217	1.52951	1.52951	0.00641352	0.29446	-3.39605	6.87731	12.9474	1.67345	1
cg02545984	0.0107553	0.281189	-3.55632	0.000727443	0.130797	-7.64541	0.35662	0.687045	-1.45551	0.0131953	0.296305	-3.3749	5.5272	13.7201	2.20648	1
cg15902089	0.0252671	0.466032	-2.14577	0.566469	0.846783	-1.18094	0.0954981	0.591189	-1.69151	0.00741211	0.371569	-2.69129	4.94561	6.45208	1.15965	1
cg14426682	0.879141	0.975569	-1.02504	0.191999	0.798915	-1.2517	0.037803	1.47927	1.47927	0.00119873	0.462325	-2.16298	19.3452	8.09569	0.371987	1
cg07757959	0.599007	0.967445	-1.03365	0.000319969	0.695369	-1.43809	0.00146903	0.750964	-1.33162	0.00405738	1.27209	1.27209	10.367	0.638795	0.0547719	1
cg04661436	0.35233	0.72471	-1.37986	0.0062866	0.301953	-3.31177	0.0685198	1.98578	1.98578	0.0138922	0.359698	-2.78011	6.33643	11.3577	1.59328	1
cg12394014	0.142908	0.567429	-1.76234	0.00293517	0.229875	-4.35018	0.497595	0.780509	-1.28122	0.00275661	0.226207	-4.42074	5.88932	12.0791	1.82313	1
cg03589001	0.746148	1.06574	1.06574	0.0159256	0.560683	-1.78354	0.0209544	1.72372	1.72372	0.220452	1.28725	1.28725	4.31861	2.62766	0.540846	1
cg25789882	?	?	?	0.207489	0.782828	-1.27742	0.0385731	0.643138	-1.55488	0.142892	0.748217	-1.33651	4.16299	1.98861	0.477687	1
cg24795825	0.54627	0.746705	-1.33922	0.0123262	0.225212	-4.44026	0.046431	2.97766	2.97766	0.945107	0.967598	-1.03349	3.60397	13.0607	3.22131	1
cg00615794	0.0174491	0.503668	-1.98544	0.00795694	0.446473	-2.23978	0.116271	0.667298	-1.49858	0.726079	1.08694	1.08694	7.38897	6.57325	0.790759	1
cg11425349	0.08723	0.338654	-2.95287	0.0250586	0.216886	-4.61071	0.0240753	0.213784	-4.67761	0.630552	0.757393	-1.32032	4.21087	21.9281	4.62889	1
cg16950696	0.881435	0.976998	-1.02354	0.857669	1.02839	1.02839	0.410917	0.877126	-1.14009	0.00792881	1.70041	1.70041	7.53328	2.90059	0.342255	1
cg18813010	0.108321	0.388684	-2.57279	0.0010278	0.07249	-13.795	0.321658	1.73727	1.73727	0.126798	0.410291	-2.43729	5.60954	25.8528	4.09664	1
cg21875666	0.446158	0.76945	-1.29963	0.0370651	0.441723	-2.26386	0.0974194	1.84751	1.84751	0.2001	0.633309	-1.57901	3.61539	6.52187	1.60348	1
cg12523403	0.00198845	0.610647	-1.63761	0.000130022	0.472011	-2.1186	0.0663412	0.79246	-1.26189	0.0133	0.707172	-1.41408	14.4416	2.91835	0.179626	1
cg08021986	4.11E-06	0.0358856	-27.8663	0.104907	0.575541	-1.7375	0.684526	0.880431	-1.13581	0.364033	0.747666	-1.33749	14.5778	22.4389	1.36822	1
cg02484047	0.789201	0.981557	-1.01879	0.285497	1.08011	1.08011	0.224506	1.09268	1.09268	0.00329752	1.32061	1.32061	13.0004	0.993649	0.0679396	1
cg22576055	0.64644	1.18665	1.18665	0.00585959	0.262785	-3.80539	0.314812	0.680366	-1.4698	0.00361544	0.232399	-4.30295	9.72639	21.1474	1.93265	1
cg11621113	0.292177	0.57858	-1.72837	0.00518193	0.157616	-6.34453	0.825759	0.895488	-1.11671	0.0281326	0.273021	-3.66272	3.9407	15.6447	3.52892	1
cg12548088	0.0728827	1.36981	1.36981	0.000167283	2.73995	2.73995	0.598203	0.919762	-1.08724	0.250386	0.827863	-1.20793	9.70651	3.80278	0.348245	1
cg09920427	0.934241	1.00572	1.00572	0.00371987	0.762578	-1.31134	0.0295991	1.19381	1.19381	0.0206094	1.21272	1.21272	17.0485	1.29181	0.0673534	1
cg20791841	0.00807265	1.70907	1.70907	0.957501	0.991617	-1.00845	0.850303	1.0303	1.0303	0.133727	0.774538	-1.29109	3.39446	1.34147	0.351283	1
cg19638176	0.238678	1.31741	1.31741	0.297923	1.27256	1.27256	0.000360217	3.59017	3.59017	0.0365446	1.72076	1.72076	8.78711	6.94418	0.702461	1
cg04788743	0.214635	1.18822	1.18822	0.000665737	1.98919	1.98919	0.190258	0.832664	-1.20096	0.304438	0.869008	-1.15074	20.4245	5.63753	0.245349	1
cg00032879	0.604456	0.861413	-1.16088	1.97E-05	0.0845603	-11.8259	0.0642176	0.552298	-1.81062	0.00223812	0.294666	-3.39367	16.9606	21.8917	1.14732	1
cg00104098	0.00161223	1.52298	1.52298	0.296464	1.10595	1.10595	0.109688	0.850244	-1.17613	0.0152787	0.757987	-1.31928	16.8243	2.30616	0.121843	1
cg15839450	0.576876	0.880946	-1.13514	0.911953	1.02519	1.02519	0.922822	0.978445	-1.02203	0.00984927	0.480189	-2.08252	15.7086	12.5814	0.711936	1
cg04292672	1.49E-05	0.224749	-4.44942	0.411039	0.869646	-1.14989	0.583386	0.912081	-1.09639	0.0282195	0.650184	-1.53803	14.2491	6.22998	0.388639	1
cg16600733	0.00119782	0.337722	-2.96101	0.00354924	0.405075	-2.46868	0.0472956	1.68041	1.68041	0.282676	0.774687	-1.29084	13.0645	10.8217	0.73629	1
cg10521034	0.0112504	1.63543	1.63543	0.011428	1.63286	1.63286	0.413808	1.13816	1.13816	0.0821689	1.34759	1.34759	11.2304	4.26812	0.337824	1
cg04992757	0.194214	1.30216	1.30216	0.000589817	0.360449	-2.77432	0.985756	1.00344	1.00344	0.0528152	1.52671	1.52671	9.19525	5.38171	0.52024	1
cg15836199	0.5403	0.858612	-1.16467	0.0425906	1.77548	1.77548	0.0579881	1.69375	1.69375	0.531849	0.855805	-1.16849	7.82158	7.48985	0.851188	1
cg04236205	0.000328881	0.449262	-2.22587	0.00573044	0.606769	-1.64807	0.0911211	0.77361	-1.29264	0.201126	0.830084	-1.2047	7.79967	2.35037	0.26786	1
cg08468283	0.00906239	0.43579	-2.29469	0.000845055	0.284565	-3.51414	0.202327	0.713832	-1.40089	0.189061	0.705787	-1.41686	7.48051	7.43033	0.882926	1
cg22519947	0.326921	0.810173	-1.2343	0.00139457	2.62007	2.62007	0.770013	0.940845	-1.06287	0.288832	1.25737	1.25737	7.36156	5.04407	0.609058	1
cg14982930	0.155911	1.23782	1.23782	0.000118851	2.57583	2.57583	0.79416	0.96392	-1.03743	0.739027	1.04811	1.04811	6.49885	2.0328	0.27804	1
cg12936238	0.0270395	2.20481	2.20481	0.605156	0.854258	-1.17061	0.730477	0.900822	-1.1101	0.810845	1.0751	1.0751	6.41281	9.26509	1.28425	1
cg14288483	0.815834	0.936707	-1.06757	0.0274696	2.07688	2.07688	0.0484167	1.88134	1.88134	0.136683	1.56727	1.56727	6.18107	7.68888	1.10573	1
cg17849542	0.908392	1.0148	1.0148	0.01276	1.48439	1.48439	0.0243059	0.709833	-1.40878	0.133695	0.813423	-1.22937	6.15942	1.58995	0.229452	1
cg01520454	0.68696	1.13706	1.13706	0.00201954	0.251352	-3.97849	0.258839	0.6883	-1.45285	0.125355	0.590985	-1.69209	5.99842	9.55081	1.41531	1
cg07701579	0.218896	0.63862	-1.56588	0.00467412	0.271375	-3.68493	0.114577	1.81335	1.81335	0.48902	1.27603	1.27603	5.74659	10.9467	1.69324	1
cg19811365	0.0149845	0.544858	-1.83534	0.00444861	0.462813	-2.1607	0.123476	0.712663	-1.40319	0.0376321	0.612861	-1.63169	5.35465	3.49571	0.580299	1
cg20632871	0.114072	0.450715	-2.2187	0.00321977	0.155102	-6.44739	0.163685	0.502035	-1.99189	0.0458652	0.346098	-2.88935	5.16397	17.5782	3.02578	1
cg25737215	0.0435983	0.356903	-2.80188	0.0235056	0.300757	-3.32495	0.43613	0.702718	-1.42305	0.168864	0.521534	-1.91742	4.80276	14.9996	2.7761	1
cg24679420	0.0724635	0.362837	-2.75606	0.00735139	0.1742	-5.74054	0.0120289	0.205095	-4.87579	0.0157072	0.223665	-4.47097	4.57836	18.5518	3.60183	1
cg04156483	0.906388	0.966629	-1.03452	0.213019	0.684978	-1.4599	0.00446042	0.33478	-2.98704	0.421683	1.2672	1.2672	4.51725	5.95505	1.17181	1
cg07825369	0.283187	0.659681	-1.51588	0.0553821	0.444785	-2.24828	0.0316692	0.390714	-2.55942	0.196661	0.600924	-1.6641	4.25653	9.38308	1.95946	1
cg14222474	0.212428	0.719484	-1.38989	0.374257	1.25687	1.25687	0.915518	1.02696	1.02696	0.615419	0.88076	-1.13538	4.06886	4.04936	0.884631	1
cg01296877	0.669449	0.863535	-1.15803	0.0228182	2.53641	2.53641	0.161329	1.66706	1.66706	0.170407	0.607253	-1.64676	3.85694	7.13033	1.64329	1
cg17866257	0.150572	0.644666	-1.55119	0.762345	0.91721	-1.09026	0.889714	0.961238	-1.04032	0.505988	1.21202	1.21202	3.75679	4.83067	1.14298	1
cg03500433	0.0142759	0.534642	-1.87041	0.148942	0.725626	-1.37812	0.0308157	1.69128	1.69128	0.133329	0.71496	-1.39868	3.73952	2.54283	0.604435	1
cg16399855	0.555551	0.740275	-1.35085	0.083408	0.380363	-2.62907	0.371302	0.62937	-1.58889	0.545849	0.734678	-1.36114	3.52113	14.1883	3.58175	1
cg15392919	0.32674	0.512148	-1.95256	0.927728	0.941804	-1.06179	0.995454	0.996242	-1.00377	0.217511	0.424252	-2.35709	3.49588	24.1837	6.14912	1
cg09811127	0.667449	1.16573	1.16573	0.0205289	2.69156	2.69156	0.164197	1.69316	1.69316	0.129525	1.78795	1.78795	3.72685	7.42909	1.77191	1
cg04559183	0.000102043	0.323926	-3.08712	0.286168	0.83406	-1.19895	4.20E-05	0.278866	-3.58595	0.720563	0.942856	-1.06061	13.2874	5.64741	0.377797	1
cg11142617	0.00309573	0.243684	-4.10368	0.000172691	0.10806	-9.25409	0.0107724	0.327105	-3.05713	0.0430084	0.443864	-2.25294	8.84098	17.0362	1.71285	1
cg13102658	0.0985531	0.376556	-2.65564	0.0012143	0.0778081	-12.8521	0.0316032	0.256964	-3.89159	0.081379	0.352915	-2.83355	6.07309	27.9589	4.09221	1
cg09024606	0.0169344	0.325329	-3.07381	0.000641676	0.132682	-7.53684	0.0261081	0.361456	-2.76659	0.0637301	0.447755	-2.23337	5.5637	13.0954	2.0922	1
cg06004564	0.0124512	0.570872	-1.75171	6.86E-05	0.269264	-3.71383	0.674822	0.926759	-1.07903	0.000459854	0.370065	-2.70223	31.7197	16.3243	0.457461	1
cg19690101	8.54E-08	0.218464	-4.57742	1.22E-07	0.233773	-4.27765	0.00225262	1.44588	1.44588	2.59E-06	0.375967	-2.65981	101.226	11.9231	0.1047	1
cg13889620	0.0448425	0.347451	-2.8781	0.665381	0.818921	-1.22112	0.721284	0.848357	-1.17875	0.169158	0.51044	-1.9591	8.80363	29.3869	2.96715	1
cg01620223	0.330867	0.84097	-1.1891	0.402026	1.15958	1.15958	0.536406	0.89756	-1.11413	0.29998	0.830757	-1.20372	5.06229	2.38921	0.419523	1
cg23110109	0.477752	0.719059	-1.39071	0.00697779	0.203002	-4.92607	0.16711	0.510192	-1.96005	0.044328	0.348043	-2.8732	4.8443	16.0186	2.93928	1
cg14482952	0.00395352	0.671621	-1.48893	0.0170934	0.74192	-1.34785	0.00826631	0.706941	-1.41454	0.0120837	0.725175	-1.37898	16.7274	2.79375	0.148459	1
cg15107554	0.00186152	0.359555	-2.78122	0.0192607	0.518962	-1.92692	0.950323	0.985669	-1.01454	0.0771428	0.634255	-1.57665	8.42285	7.16024	0.755642	1
cg06124827	0.47529	1.23983	1.23983	0.00531876	0.26962	-3.70893	0.00736533	0.297633	-3.35984	0.000683321	7.9929	7.9929	16.1527	20.1381	0.692628	1
cg10030921	0.303672	0.739504	-1.35226	0.0038968	0.332584	-3.00676	0.507468	0.826566	-1.20982	0.00145569	3.67878	3.67878	7.92354	10.0693	1.12961	1
cg14548882	0.0402891	2.5837	2.5837	?	?	?	0.512295	1.298	1.298	0.00409602	4.86792	4.86792	7.9599	16.8248	1.84949	1
cg12718440	0.464553	1.37048	1.37048	0.00131929	0.138281	-7.23167	0.0150687	0.282298	-3.54236	0.173392	1.84653	1.84653	6.02811	17.1142	2.52362	1
cg19113840	0.336759	0.832718	-1.20089	0.0149409	1.73874	1.73874	0.00282421	0.467572	-2.13871	0.955324	1.01041	1.01041	5.17607	2.80063	0.480953	1
cg15711987	0.00982496	0.700985	-1.42656	0.00349581	0.649667	-1.53925	0.0209189	0.738964	-1.35325	0.613563	1.057	1.057	32.1525	6.03396	0.166815	1
cg07347725	0.356134	0.892085	-1.12097	0.00243785	0.601982	-1.66118	0.951307	1.00737	1.00737	0.55291	1.0749	1.0749	10.2032	2.33916	0.203785	1
cg00931742	0.71379	0.931344	-1.07372	0.685126	0.924307	-1.08189	0.00746167	1.94484	1.94484	0.13208	0.730645	-1.36865	10.5023	6.20119	0.524851	1
cg00636390	0.179238	0.697618	-1.43345	0.493511	1.19185	1.19185	0.0267529	1.93938	1.93938	0.435251	0.817981	-1.22252	4.97406	5.01816	0.896769	1
cg04704887	0.769357	1.0339	1.0339	0.00226061	1.6234	1.6234	0.0540364	1.28142	1.28142	0.00464818	0.652549	-1.53245	20.1027	4.09365	0.181011	1
cg04396721	0.689538	0.932954	-1.07186	0.058341	0.690933	-1.44732	0.0494584	1.47321	1.47321	0.624375	1.08903	1.08903	7.2162	3.4136	0.420486	1
cg24374583	0.108032	0.610109	-1.63905	0.00752683	0.379405	-2.63571	0.0122105	2.41061	2.41061	0.900158	0.965248	-1.036	6.24116	7.84898	1.11788	1
cg20242778	0.199318	2.91325	2.91325	0.00528899	18.1503	18.1503	0.00105625	45.5628	45.5628	0.017693	9.72535	9.72535	5.4774	53.9312	8.75212	1
cg13986762	0.00894147	6.87179	6.87179	0.0544435	3.54235	3.54235	0.00259147	11.2399	11.2399	0.0868631	2.99212	2.99212	4.38027	23.3048	4.72924	1
cg26000554	0.230048	0.496663	-2.01344	0.230409	0.496958	-2.01224	0.72937	0.824471	-1.2129	0.601762	1.33994	1.33994	8.74589	42.7813	4.34808	1
cg23214787	0.430276	1.12174	1.12174	0.000363989	0.442528	-2.25974	0.657639	0.938338	-1.06571	0.3737	0.877829	-1.13917	5.18398	1.6718	0.286661	1
cg02367736	0.0486215	0.434991	-2.2989	0.138256	1.80366	1.80366	0.0172673	2.92101	2.92101	0.0690035	2.12125	2.12125	4.07528	8.8155	1.92281	1
cg19361865	0.22254	0.650581	-1.53709	0.000421138	0.153469	-6.51597	0.638204	0.853139	-1.17214	0.618656	0.845113	-1.18327	3.9487	7.03357	1.58332	1
cg05797615	0.198304	0.558746	-1.78972	0.00965104	0.246033	-4.06449	0.558979	0.776469	-1.28788	0.0352491	0.349975	-2.85735	3.60552	10.4667	2.58042	1
cg26218412	0.636796	0.913951	-1.09415	0.128169	0.732624	-1.36496	0.96033	1.00945	1.00945	0.382868	1.18446	1.18446	3.57575	2.02672	0.50382	1
cg23593167	0.569511	0.887987	-1.12614	0.55016	0.882549	-1.13308	0.214234	1.31028	1.31028	0.4661	1.16566	1.16566	11.7083	7.91992	0.601277	1
cg04226749	0.00509919	0.393386	-2.54203	0.141552	0.671353	-1.48953	0.00586346	0.402894	-2.48204	0.880286	1.03872	1.03872	4.86747	4.89822	0.894504	1
cg18929098	0.00369131	0.291522	-3.43027	0.774038	1.09464	1.09464	0.0215038	0.420008	-2.38091	0.00141839	0.234423	-4.2658	15.398	24.0634	1.38912	1
cg14452204	9.63E-05	0.221425	-4.5162	0.0365888	1.69527	1.69527	0.788972	0.943374	-1.06003	0.00265626	0.405247	-2.46763	12.7517	9.53644	0.664763	1
cg24654385	0.00533527	0.709949	-1.40855	0.303238	1.10465	1.10465	0.740433	1.03151	1.03151	0.329556	1.09846	1.09846	9.47869	1.30765	0.122628	1
cg13935560	0.00795605	0.0660648	-15.1367	0.696641	1.36734	1.36734	0.875848	0.882625	-1.13298	0.690168	0.726165	-1.3771	3.92098	35.2016	8.97775	1
cg15819935	0.561532	0.796023	-1.25624	0.24159	0.621045	-1.61019	0.21212	1.66657	1.66657	0.129106	0.528709	-1.8914	4.21492	10.0817	2.12613	1
cg17014186	0.0148039	0.351139	-2.84787	0.000173715	0.108125	-9.24857	0.00335256	0.248304	-4.02732	0.00634336	0.289317	-3.45641	11.8072	22.779	1.71488	1
cg01731096	0.0450298	0.261583	-3.82288	0.00245037	0.0789632	-12.6641	0.853099	1.11156	1.11156	0.0222784	0.20017	-4.99574	6.58532	33.2325	3.92501	1
cg21063500	0.588765	0.816568	-1.22464	0.00187122	0.194417	-5.14358	0.433251	1.34567	1.34567	0.0365231	0.405659	-2.46513	4.89665	10.6896	1.94048	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(2 vs. N)	Fold-Change(2 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg24070080	MOSP03;MOSP03;MOSP03;MOSP03	0.022222	0.0268001	0.614663	-1.62691	1.030643838	1.92977	1.92977	0.491741	1.1384	1.1384	0.501749	0.881187	-1.15483	1.181624	0.768693	1.30091	0.663094	0.921416	-1.08529	0.0544961	0.669932	-1.49209	0.977888	0.994871	-1.05515	0.0237644	1.64982	4.53827	2.47386	0.484542	1
cg10240853	MOSP03;MOSP03;MOSP03;MOSP03	0.0255677	0.575374	1.09966	1.076597	1.3427	1.3427	1.00125814	2.20449	2.20449	0.785444	1.04687	1.048307	1.034184	1.34184	0.752018	0.948178	1.05645	0.0501531	0.687376	-1.45481	1.306676	1.19441	1.19441	1.030387	1.31552	4.3233	1.92947	0.396707	1
cg13529288	MOSP03;MOSP03;MOSP03;MOSP03	0.0345396	0.322404	1.1117	1.1117	0.751675	0.96765	-1.03343	0.401322	0.914858	-1.09307	0.192115	1.15376	1.15376	0.258878	1.12978	1.12978	0.274194	1.12509	1.12509	0.085069	0.820994	-1.21804	0.00488293	0.679545	-1.47157	0.0409445	1.27684	1.28569	0.660394	0.151071	1
cg00334542	MOSP03;MOSP03;MOSP03;MOSP03;MOSP03;MOSP03;	0.0218381	0.945767	0.991838	-1.00823	0.0158433	1.42762	1.42762	0.453921	1.09625	1.09625	0.101944	1.24067	1.24067	0.0289749	1.36361	1.36361	0.908386	1.986228	-1.01396	0.2175566	0.855331	-1.16914	0.225547	0.857854	-1.1657	1.00266	1.64974	1.64974	1.64549	1.049311	0.204297	1
cg16599901	MOSP03	0.0348156	0.410128	1.44932	1.44932	0.600224	0.792175	-1.26235	0.777741	1.13278	1.13278	0.371535	0.667495	-1.49814	0.314641	1.58108	1.58108	0.925356	1.16799	1.16799	0.000696091	0.102363	-9.76917	0.844937	0.917348	-1.0901	0.5684616	1.28915	1.28915	1.87453	11.9104	2.73248	1
cg11257100	MOV10;MOV10	0.00933151	0.396177	1.39294	1.39294	0.00279841	0.207785	-1.41267	0.27394	0.647795	-1.54377	0.00348764	0.220497	-4.53522	0.983374	0.992083	-1.02798	0.0296321	0.376274	-2.65764	0.2648568	1.55197	1.55197	0.0664104	2.19289	2.19289	0.0602438	0.446243	-2.24996	0.64252	1.91928	2.04812	1
cg14008640	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.00244139	0.0522658	0.597418	-1.67387	0.644298	1.11459	1.11459	0.18698	1.38596	1.38596	0.624334	1.11528	1.11528	0.56E-05	1.197744	1.197744	0.05704	0.0883775	0.644857	-1.55073	0.00242533	0.373351	-2.67845	0.954926	0.512348	1.61828	0.049566	0.502848	-1.68677	0.09529	1
cg01603733	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.00448866	0.103017	0.579553	-1.72547	0.88736	1.0443	1.0443	0.0292848	0.455951	-2.19322	0.181572	0.648083	-1.54301	8.42E-05	0.114987	-8.69661	0.194664	0.657176	-1.52166	0.0176336	0.433533	-2.41819	0.216729	0.671971	-1.48816	0.014238	0.396627	-2.52126	7.58352	11.235	1.13689	1
cg10382284	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.00982511	0.0388281	0.54476	-1.83566	0.0237957	1.23458	1.23458	0.0229123	0.810941	-1.23291	3.30041	0.4856564	1.422008	0.4204	1.244445	1.24445	0.00750536	5.63183	-1.63183	0.0038347	12.7119	12.7119	0.0222541	3.904671	3.90441	0.2226328	1.89076	5.94404	23.2552	3.47765	1
cg05064106	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.0121981	0.0067416	0.585176	0.859375	0.0139273	0.638035	0.0736213	0.276674	2.76674	0.692021	1.2217	0.104791	2.43911	2.43911	0.0256518	3.79322	3.79322	0.000621891	14.1259	14.1259	0.272277	1.77667	1.77667	0.547079	1.35863	1.54395	22.2116	3.5613	1
cg08074528	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.0162561	0.018064	2.56527	2.36527	0.0019312	3.95647	3.95647	0.0103652	2.59961	2.59961	0.0168907	2.0528	2.0528	0.0192817	2.610268	2.610268	0.0295496	2.15564	2.15564	0.0119606	2.423151	2.42151	0.0042068	1.749742	1.749742	0.4018951	1.929328	1.929328	5.04425	7.17919	1.2651	1
cg19894402	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.017726	0.263609	0.662237	-1.51003	0.436382	1.3242	1.3242	0.717505	0.87942	-1.13711	0.773858	1.10726	1.10726	0.000861101	0.17041	5.86819	0.0444921	0.442167	-2.26159	0.0116037	0.32761	-3.05241	0.285101	0.67526	-1.48091	0.0546694	0.463184	-2.15897	4.90033	9.7068	1.76075	1
cg12971867	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.0236076	0.0291422	2.76023	2.76023	0.00915489	3.69578	3.69578	0.0267887	2.81824	2.81824	0.0121457	1.67971	1.67971	0.353655	1.237599	1.237599	0.0356891	2.62588	2.62588	0.0020719	5.6432	5.6432	0.148053	1.84275	1.84275	0.2610119	1.58875	1.58875	1.46077	10.979	2.19569	1
cg06462666	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.0394091	0.087228	2.32478	2.32478	0.0024534	3.44634	3.44634	0.0224543	2.53396	2.53396	0.0154729	1.31283	1.31283	0.193783	1.54726	1.54726	0.0714176	1.72861	1.72861	0.0310027	2.158495	2.15895	0.0395165	1.574314	1.574314	0.4096848	1.195485	1.195485	0.0902123	2.302871	2.302871	9.70336	11.7059	2.80968	1
cg19213744	L1 MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.00531327	0.00690877	0.121517	-8.22912	0.542547	1.45005	1.45005	0.376956	1.72726	1.72726	0.2674	0.498329	-2.00671	0.00187525	0.0700685	-14.2717	0.00237277	0.0777131	-12.8678	0.0133771	0.157733	-6.33983	0.00619056	0.116248	-8.60231	0.104279	0.342821	-2.91697	7.20347	41.4593	5.11597	1
cg17050616	L1 MOV10L1;MOV10L1;MOV10L1;MOV10	0.00572354	0.00413526	0.0856688	-11.6729	0.607309	1.39274	1.39274	0.622467	1.3732	1.3732	0.115868	0.335487	-2.98074	0.00207954	0.0626906	-15.9514	0.0022071	0.0644536	-15.515	0.0167978	0.154931	-6.45447	0.00844293	0.116565	-8.57891	0.0818529	0.291646	-3.42881	7.0408	45.5405	5.74941	1
cg23954908	L1 MOV10L1;MOV10L1;MOV10L1;MOV10	0.00982227	0.0164046	0.98795	1.98795	0.252461	3.12317	3.12317	0.1669858	0.709984	-1.40848	0.381508	1.234	1.234	0.126117	0.678623	-1.47357	0.117237	1.48975	1.48975	0.00394532	0.403169	-2.48035	0.0216473	0.524163	-1.9078	0.0717537	1.60154	1.60154	5.94529	5.16672	0.772574	1
cg24430642	L1 MOV10L1;MOV10L1;MOV10L1;MOV10	0.0270606	0.155854	1.28486	1.28486	0.0407925	1.47673	1.47673	0.00854064	1.74012	1.74012	0.146566	1.29335	1.29335	0.0295229	1.52664	1.52664	0.117029	1.32456	1.32456	0.530496	1.11059	1.11059	0.798275	0.958602	-1.04319	0.0245316	0.642615	-1.55614	4.23833	1.82928	0.383649	1
cg00592593	L1	0.0314842	0.0121689	0.252337	-3.96312	0.151207	1.96956	1.96956	0.346328	1.53325	1.53325	0.503757	0.741339	-1.34891	0.054353	0.382074	2.6173	0.0232654	0.302648	-3.30417	0.161581	0.522058	-1.9155	0.0148869	0.267159	-3.7431	0.209836	0.558538	-1.79039	4.01715	12.3564	2.73415	1
cg27495887	MOXD1	0.00252255	0.432631	0.868838	-1.15096	0.00798544	0.550485	-1.81658	0.00713353	0.543291	-1.84063	0.0243334	0.624246	-1.60193	0.000129056	0.103934	3.21612	0.00173906	0.45657	-2.19024	0.445205	0.872285	-1.14641	0.247409	0.808697	-1.23656	0.0105784	0.568612	-1.75867	0.00819	4.39793	0.433968	1
cg05477953	MOXD1	0.00542332	0.502914	1.13525	1.13525	0.0335207	0.771825	-1.88943	0.0227128	0.818837	-1.84672	0.0146289	0.509014	-1.99635	0.0239333	0.490258	2.03973	0.0230121	0.288985	-3.46115	0.0385195	0.230673	-4.33514	0.0255202	0.773448	-1.29124	0.2462175	0.585588	-1.71354	7.15833	22.3558	2.77504	1
cg26178272	MOXD1	0.0065605	0.139546	1.54297	1.54297	0.951751	1.01664	1.01664	0.00300315	4.97263	4.97263	0.204165	0.55171	-1.81325	0.0158	0.551715	1.81325	0.280217	1.35824	1.35824	0.0184895	0.741454	1.1454	1.1454	0.248997	1.38913	1.38913	0.6147094	7.95448	1.04751	1
cg08661899	MOXD1	0.0171326	0.954223	1.00724	1.00724	0.08581186	1.26936	1.26936	0.470926	0.911978	-1.09652	0.0231645	1.40643	1.40643	0.780796	0.96556	-1.03567	0.132881	1.22503	1.22503	0.696699	1.05044	1.05044	0.00273717	1.6812	1.6812	0.00277253	1.67927	1.67927	4.95658	1.23897	0.222191	1
cg03109028	MOXD1	0.0147552	0.173937	1.33243	1.33243	0.0201758	1.21825	1.18943	0.0227128	0.818837	-1.84672	0.0146289	0.509014	-1.99635	0.0239333	0.490258	2.03973	0.218968	0.752457	-1.32893	0.184205	0.964395	1.18005	1.18005	-1.03692	0.0138408	1.95258	1.95258	0.0762836	1.54122	1.54122	4.34652	1.34551	0.683308	1
cg24645860	MOXD1	0.0102772	0.493379	0.659126	-1.51716	0.679673	2.825	2.1825	0.214921	0.457349	-2.18651	0.439875	0.623713	1.6033	0.0024045	0.204165	5.15771	0.104191	2.89945	2.89945	0.0345436	3.72297	3.72297	0.241351	2.08538	2.08538	0.300105	1.9031	1.9031	4.0375	23.1679	5.05553	1
cg12584111	MOXD2	0.056-06	3.16E-07	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0054705	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	1
cg03129645	MOXD2	0.00011142	3.86E-06	0.0417493	-23.9525	0.443581	0.794153	-1.2592	0.0177056	0.42694	-2.34225	0.441756	0.79339	-1.26041	0.00120467	0.24678	4.05219	0.00119778	0.24646	-4.05745	0.0242798	0.4528035	-2.20847	0.000212248	0.161005	-6.21099	0.000318237	0.179062	-5.58464	21.5083	29.6564	1.22563	1
cg05482413	MOXD2	0.00139261	0.00487505	0.353828	-2.82624	0.00124654	0.269025	-3.71713	0.00113009	0.15814	-6.32351	0.424311	0.796791	-1.25503	0.00161489	0.284077	-3.52018	0.00216121	0.301592	-3.31574	7.01E-05	0.132583	-7.54245	0.0116713	0.415859	-2.40466	0.00129994	0.271431	-3.68418	15.2716	18.7457	1.0911	1
cg02834416	MOXD2	0.0102327	0.00754547	0.5	2.0	0.0176965	0.963793	-1.3073	0.0648707	0.96354	-1.24526	0.39529	0.606675	1.33041	0.35941	0.0403053	2.48107	0.0373072	0.390296	-2.5631	0.0454201	0.3094	3.23095	0.0156006	0.307846	-3.24625	0.0946199	0.312652	-3.19842	4.89387	15.662	2.89387	1
cg06331941	MPDU1;MPDU1	9.73E-05	0.00102874	4.12207	4.12207	0.000859075	4.29522	4.29522	0.164739	0.649482	-1.53969	0.00521718	0.9247	2.9247	0.0249683	0.459885	-2.17446	0.537134	0.833631	-1.19957	0.599186	0.856907	-1.16699	4.04E-06	22.5339	22.5339	0.0109207	2.53518	2.53518	22.3011	29.9466	1.19363	1
cg09663193	MPDU1;MPDU1	0.00586008	0.00434283	0.331271	-3.01844	0.00170573	0.0333	1.31474	0.0033	0.76057	-1.31474	0.214208	0.865937	1.23233	0.0109057	0.811241	1.23233	0.0206687	0.21997	-4.54797	0.0196457	1.23156	1.23156	0.0122223	1.1794	1.1794	0.0122223	1.56718	1.56718	13.6735	19.7155	2.284	1
cg13546736	MPDU1;MPDU1	0.00063788	0.0446641	2.00033	2.00033	0.00473454	0.10896	3.09086	0.18961	1.51875	0.15185	0.0180903	2.37136	2.37136	0.0279753	0.457084	2.18348	0.529225	1.21132	1.21132	0.244449	0.693345	-1.44228	2.66E-05	12.1441	12.1441	0.0037483	1.24464	3.24464	13.3537	19.1314	1.27349	1
cg07451297	MPDU1;MPDU1	0.00115365	0.0486636	1.35832	1.35832	0.0507057	1.35366	1.35366	0.0101408	1.55441	1.55441	0.00516982	1.65225	1.65225	0.352373	1.11902	1.11902	0.171249	1.21913	1.21913	0.75358	1.04376	1.04376	1.66E-05	3.33506	3.33506	0.0303101	1.41388	1.41388	11.298	3.3102	0.260436	1
cg05080567	MPDU1;MPDU1	0.00173182	0.0045283	1.53217	1.53217	0.0033391	1.43479	1.43479	0.0059102	1.94273	1.94273	0.00306557	2.32533	2.32533	0.0196257	1.43558	1.43558	0.0206687	1.21997	1.21997	0.0199731	1.49881	1.49881	0.0127384	1.59563	1.59563	0.0032708	1.47309	1.47309	0.7060053	1.45613	1.45613	0.0184173	2.11518	1
cg25758952	MPDU1;MPDU1	0.00176504	0.48117	0.857897	-1.16564	0.000207626	0.264678	-3.77817	0.0318752	0.583731	-1.71338	0.0188409	0.543897	-1.83858	0.007778	1.02512	1.02512	0.931988	1.981894	-1.01844	0.0003116241	0.241663	-4.13799	0.383076	0.825957	-1.21072	0.0653382	0.642308	-1.55703	0.99487	7.25595	0.645072	1
cg00103783	MPDU1;MPDU1	0.00079721	0.00085472	0.13384	-7.47135	0.0176601	0.0333	1.31474	0.0033	0.76057	-1.31474	0.214208	0.865937	1.23233	0.0109057	0.811241	1.23233	0.0309332	0.21854	-4.57813	0.0100441	1.25959	1.25959	0.0062465	0.958345	0.958345	0.0038358	1.44351	1.44351	0.0154791	1.08185	0.0315894	1.30252	1.30252	1
cg17887478	MPDU1;MPDU1	0.00318883	0.00572536	2.13691	2.13691	0.444564	0.849274	-1.17748	0.0875681	1.48485	1.48485	0.0171682	0.544026	-1.83815	0.0365606	0.600929	1.66409	0.0400198	1.6446	1.6446	0.000635483	3.00392	3.00392	0.107372	1.44539	1.44539	0.212598	1.31678	1.31678	8.4042	5.84856	0.618586	1
cg19633203	MPDU1;MPDU1	0.00516078	0.0228061	0.659802	-1.44173	0.6599102	0.942173	0.56138	0.042781	0.731342	-1.36735	0.032406	0.754583	-1.32542	0.0174318	0.804106	-1.24362	0.0239195	0.708589	-1.41126	0.0001019952	0.605369	-1.65189	0.0174851	0.745416	-1.34142	0.942696	0.02735	0.734525	-1.36142	7.00256	0.213435	1.3	1
cg04198562	MPDU1;MPDU1	0.0133854	0.762956	0.877134	-1.1164	0.00113055	0.72065	0.72065	0.473746	0.9373	0.91373	0.763139	0.895813	-1.1163	0.150789	1.24572	1.24572	0.263799	0.654401	-1.52812	0.134141	0.555993	-1.79859	0.503084	1.28068	1.28068	0.0162046	0.632763	-1.58037	3.9126	8.21512	1.86554	1
cg14539466	MPO2	0.00867767	0.885184	1.05437	1.05437	0.00922143	0.297854	-3.35735	0.0158361	0.338569	-2.9536	0.560508	0.805993	-1.24071	0.00235438	0.211192	-4.73502	0.00401395	0.242548	4.1229	0.00927152	0.298242	-3.35298	0.859551	1.06705	1.06705	0.0308395	0.3949	-2.53229	6.18343	13.1499	1.89033	1
cg03905144	MPO2	0.0108871	0.0108871	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg27236490	MPEG1	0.00026102	3.25E-05	0.046336	-21.5815	0.0364697	0.396713	-2.52072	0.00035208	0.15263	-6.87822	0.00270863	0.103234	-9.68673	0.00273567	0.270468	4.82001	0.0210692	3.48148	-2.87234	0.00218885	0.096002	-10.4164	0.888388	1.05485	1.05485	0.123189	0.52989	-3.88718	17.0878	39.1408	2.03606	1
cg22750001	MPEG1	0.00136569	9.05E-05	0.0359048	-30.3527	0.171576	0.492354	-2.03161	0.00119202	0.165497	-6.66558	0.00188621	0.227472	-4.39615	0.00376009	0.148884	-6.71666	0.00388852	0.150588	-6.64062	0.00162728	0.113092	-9.02121	0.0135658	0.943609	-2.91486	0.00509868	0.152091	-6.57702	10.7659	46.4425	3.03812	1
cg11179518	MPEG1	0.00758399	0.00068422	0.189417	-5.27936	0.0154244	0.491011	-2.03661	0.00119202	0.165497	-6.736942	0.598186	-1.67172	0.0145424	0.380714	-2.62664	0.516202	1.23508	0.0701795	1.31415	-1.91415	0.810171	1.07999	-1.07999	0.317965	0.718147	-1.39247	6.4635	10.5312	2.40849	1
cg20849025	MPEG1	0.00785755	0.00198808	0.579199	-17.2652	0.834806	0.872633	-1.14576	0.0270508	0.181286	-5.51615	0.0114219	0.126777	-7.88788	0.00747883	0.0867617	-11.5258	0.0256772	0.177466	-5.63488	0.0051786	0.0940495	-10.6327	0.0142812	0.319265	-7.80561	0.0023402	0.181257	-5.51704	6.3801	43.0099	5.99224	1
cg09532518	MPEG1	0.0125613	0.00379494	0.4	2.5	0.0139861	0.98811	-1.0081	0.0035975	0.178927	-5.58886	0.0149496	0.098037	-10.2002	0.0044625	0.0767189	-13.0346	0.0033858	0.0579094	-17.2582	0.0046911	0.0419569	-23.8261	0.0078189	0.192117	-5.20515	0.0012197	0.0925147	-10.8081	3.0015	52.0465	7.15385	1
cg26340740	MPEG1;MPEG1	0.00042487	0.00294109	0.38896	-2.57096	0.250424	0.757536	-1.32007	0.000215993	0.239919	-4.16808	0.00701505	0.446626	-2.23901	0.000159843	0.225022	-4.44401	0.00334136	0.397156	-2.5179	0.00726422	2.227	2.227	0.796414	1.0616	1.0616	0.0113123	0.480281	-2.08211	14.955	12.6619	0.752594	1
cg06079620	MPEG1;MPEG1	0.0302752	0.128175	0.884406	-1.13121	0.0333391	1.31474	1.31474	0.214208	0.865937	-1.15482	0.969574	1.00421	1.00421	0.730065	0.962592	-1.03886	0.0331971	1.31527	1.31527	0.00239855	1.59786	1.59786	0.642308	1.05274	1.05274	0.822597	1.02297	1.02297	0.4236	0.78186	0.17057	1
cg16003913	MPG;MPG;MPG;MPG	0.0032792	0.00193668	0.51116	-1.95634	0.637567	0.929968	-1.07531	0.0250096	0.664971	-1.50382	0.168009	0.758665	-1.31828	0.0179842	0.794731	1.25854	0.000987209	0.427267	-2.11521	0.0139532	0.878736	-1.14106	0.263483	0.836645	-1.19525	0.000888938	0.466826	-2.14199	8.3345	3.09019	0.329574	1
cg04257261	MPG;MPG;MPG;MPG	0.0121207	0.00908581	0.472594	-2.11598	0.62541	1.11767	1.11767	0.0807601	0.645412	-1.5494	0.884797	0.967751	-1.03332	0.00081688	0.319571	3.12919	0.432649	0.83419	-1.19848	0.444557	1.1927	1.1927	0.335753	1.25161	1.25161	0.0249716	0.547086	-1.82787	5.55542	4.49803	0.719702	1
cg15822934	MPHOSPH10;MCEE	0.0349035	0.0189857	0.538019	-1.85863	0.0125963	1.47372	1.47372	0.0286	0.678504	-1.47386	0.0210699	0.674383	-1.48227	0.0201683	0.414049	2.41402	0.0239193	0.392524	-2.54903	0.0163158	0.406206	-2.46088	0.0170767	0.790622	-1.26502	0.035769	1.23937	1.23937	2.19167	4.68884	4.09911	0.603033	1
cg03516151	MPHOSPH10;MCEE	0.0444774	0.51781	0.886511	-1.12802	0.00150873	2.43404	2.43404	0.303918	1.21607	1.21607	0.24152	1.25262	1.25262	0.619482	1.09633	1.09633	0.312275	1.21172	1.21172	2.13172	0.44489	0.866682	-1.15383	0.385989	0.849325	-1.17741	0.523761	1.26204	1.54097	1.89295	0.475187	1
cg04155195	MPHOSPH6	0.00216394	0.00216394	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg06572955	MPHOSPH6	0.0120195	0.0785473	0.725963	-1.37748	0.987673	0.997471	-1.00254	0.81282	1.03964	1.03964	0.720318	1.0607	1.0607	0.704183	1.06452	1.06452	0.500842	1.1185	1.1185	1.000212687	0.362697	-2.75712	0.307086	1.18922	1.18922	0.711819	0.940997	-1.0627	5.55709	2.36432	0.378187	1
cg03170625	MPHOSPH6	0.01154	0.0452892	1.37497	1.37497	0.304316	1.15894	1.15894	0.336215	0.871541	-1.14789	0.848889	1.0268	1.0268	0.211729	1.20011	1.20011	0.236862	1.18749	1.18749	0.00316473	0.57173	-1.74908	0.107577	0.783875	-1.27571	0.480438	1.10457	1.10457	0.41461	1.22244	0.270665	1
cg00331616	MPHOSPH8	0.076-05	0.00038843	0.504478	-1.98232	0.0219474	1.98474	1.98474	0.0	0.5	2.0	0.14514	0.6540577	1.52913	0.128-05	2.44514	2.44514	0.0402653	0.541506	-1.84694	0.0001	0.2339	4.27955	0.0922525	0.84-05	2.33913	0.258542	1.15314	1.15314	89.4437	0.21947	0.205681	1
cg22780026	MPHOSPH8	0.00122587	0.1652O5	1.23989	1.23989	0.613407	1.07681	1.07681	0.00117436	0.50074	-1.99705	0.268424	1.18227	1.18227	0.18018	1.22965	1.22965	9.05E-05	2.7643	2.7643	0.270571	1.18131	1.18131	0.00713819	1.65646	1.65646	0.6185O6	0.929676	-1.07564	11.104	3.73038	0.297021	1
cg19693579	MPHOSPH8	0.012542	0.0915153	0.706063	-1.41633	0.0237955	1.24	1.24024	0.0456366	0.806937	1.30279	0.506833	0.954287	-1.0479	0.908769	0.960267	-1.04168	0.0310976	0.401475	-2.4917	0.0124263	0.894093	1.11842	0.0876676	0.842122	1.1444	0.136366	1.11795	1.11795	5.47845	0.94968	0.676574	1
cg01015893	MPHOSPH8	0.023705	0.0778146	0.886682	-1.1278	0.697567	1.02425	0.75164	0.980698	-1.01968	0.775299	0.98259	-1.01772	0.986709	0.998978	1.00102	1.00102	0.231164	0.925819	-1.08012	0.2483115	1.07687	1.07687	0.0288057	1.17142	1.17142	0.0014282	1.3272	1.3272	4.43835	0.264722	0.0530171	1
cg22084302	MPHOSPH8	0.0263706	0.303878	1.48836	1.48836	0.935593	0.970268	-1.03064	0.0765831	0.28677	-2.08677	0.979366	0.990388	-1.00971	0.00139115	0.17727	-5.64113	0.148775	0.560845	-1.78302	0.781495	1.10942	1.10942	0.0904582	2.00705	2.00705	0.6203129	0.829866	-1.20501	4.27686	9.44683	1.9634	1
cg15822934	MPHOSPH10;MCEE	0.0349035	0.0189857	0.538019	-1.85863	0.0125963	1.47372	1.47372	0.0286	0.678504	-1.47386	0.0210699	0.674383	-1.48227	0.0201683	0.414049	2.41402	0.0239193	0.392524	-2.54903	0.0163158	0.406206	-2.46088	0.0170767

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17215117	MPP7	0.022147	0.588021	1.11374	1.11374	0.638875	1.09756	1.09756	0.000890738	0.375219	-2.66511	0.811976	0.954149	-1.04805	0.651405	0.914313	-1.09372
cg10933691	MPP7	0.0373739	0.0258785	0.0971611	-10.2922	0.0112385	0.0608508	-16.4336	0.0310591	0.107439	-9.30762	0.39856	0.466843	-2.14205	0.0247117	0.0947149	-10.558
cg22716262	MPP7	0.0408396	0.0340404	0.156145	-6.4043	0.00920709	0.0836061	-11.9608	0.0427852	0.17373	-5.75604	0.0965952	0.254305	-3.93228	0.010914	0.0908736	-11.0043
cg13181019	MPP7	0.0499037	0.302901	1.45893	1.45893	0.00573785	3.60245	3.60245	0.688122	0.866915	-1.15352	0.441021	1.32059	1.32059	0.116908	1.82734	1.82734
cg20335039	MPPE1	0.00693802	0.773139	0.943955	-1.05937	0.000392767	0.323987	-3.08654	0.00953013	0.519316	-1.92561	0.755264	0.939512	-1.06438	0.683914	0.921567	-1.08511
cg02159896	MPPE1	0.0304046	0.00300391	1.62877	1.62877	0.497333	1.08612	1.08612	0.0237565	1.38205	1.38205	0.177187	1.18762	1.18762	0.0290774	1.36123	1.36123
cg09830678	MPPE1;MPPE1	0.00182085	0.078283	0.845138	-1.18324	0.673401	1.03714	1.03714	0.0434943	0.818977	-1.22104	0.722985	0.969849	-1.03109	0.0116061	0.762304	-1.31181
cg09893947	MPPED1	0.0019375	0.00638626	3.10903	3.10903	0.0763232	1.87809	1.87809	0.296153	0.707349	-1.41373	0.0103018	2.81017	2.81017	0.548577	0.823647	-1.21411
cg09894136	MPPED1	0.00336993	0.376826	0.829209	-1.20597	0.00926203	1.97779	1.97779	0.23496	1.29315	1.29315	0.0196665	0.558805	-1.78953	0.00123806	0.377182	-2.65124
cg09929856	MPPED1	0.00778228	0.0882071	0.621579	-1.6088	0.295372	1.31557	1.31557	0.227363	1.37754	1.37754	0.00512838	2.54589	2.54589	0.0052895	0.394886	-2.53238
cg10227142	MPPED1	0.0115155	0.199642	0.67663	-1.47791	0.0166923	0.430696	-2.32182	0.0393847	0.503058	-1.98784	0.00151675	0.268012	-3.73118	0.00416684	0.330565	-3.02512
cg21625858	MPPED1	0.0130732	0.0457818	1.58217	1.58217	0.0134219	1.84673	1.84673	0.130592	0.720998	-1.38697	0.372688	1.20126	1.20126	0.295727	1.24266	1.24266
cg12400921	MPPED1	0.0193167	0.698674	0.904676	-1.10537	0.0500599	1.77785	1.77785	0.0276012	0.511284	-1.95586	0.785406	1.07282	1.07282	0.926293	1.02412	1.02412
cg10314052	MPPED1	0.0215197	0.0797943	0.235085	-4.25379	0.172975	0.339612	-2.94454	0.0173078	0.11545	-8.66177	0.656598	0.71659	-1.3955	0.0122	0.097709	-10.2345
cg14239351	MPPED1	0.0329751	0.0966739	0.476433	-2.09893	0.0872237	2.15485	2.15485	0.932674	0.966232	-1.03495	0.481763	1.33736	1.33736	0.00372432	0.203348	-4.91767
cg02375506	MPPED1	0.0396001	0.142793	0.645091	-1.55017	0.0109529	0.411234	-2.43171	0.0109298	0.411077	-2.43264	0.75775	0.9175	-1.08992	0.0202872	0.458959	-2.17884
cg24293614	MPPED1	0.0425853	0.0402588	4.59409	4.59409	0.975718	0.980606	-1.01978	0.97597	1.01957	1.01957	0.279646	2.06103	2.06103	0.474295	0.626111	-1.59716
cg06526985	MPPED1	0.0459904	0.600934	1.13577	1.13577	0.0328589	1.826	1.826	0.137294	1.47121	1.47121	0.582248	0.874567	-1.14342	0.0317235	1.83569	1.83569
cg21923442	MPPED2	0.000386317	0.480033	1.05777	1.05777	0.0167357	1.25667	1.25667	0.0619298	1.17875	1.17875	0.00609962	0.755742	-1.3232	0.221021	0.904253	-1.10588
cg11855526	MPPED2	0.000930175	0.762468	0.946445	-1.05658	0.000148982	0.306243	-3.26539	0.619768	0.913179	-1.09508	0.129248	0.742559	-1.34669	0.00143311	0.432953	-2.30972
cg11972677	MPPED2	0.00820126	0.0241456	1.34513	1.34513	0.759319	1.03447	1.03447	0.415972	0.912397	-1.09601	0.0959667	1.22337	1.22337	0.0783929	0.806053	-1.24061
cg09604618	MPPED2	0.0110625	0.393984	0.901737	-1.10897	0.77095	0.966009	-1.03519	0.00100144	1.78371	1.78371	0.118864	0.818298	-1.22205	0.256995	1.15044	1.15044
cg24185576	MPPED2	0.0173163	0.0320769	0.686261	-1.45717	0.695131	1.06083	1.06083	0.0158527	1.55745	1.55745	0.00649064	0.588314	-1.69977	0.838452	1.03108	1.03108
cg16820616	MPPED2	0.033061	0.495125	0.870909	-1.14823	0.845884	1.03959	1.03959	0.0821336	1.4686	1.4686	0.222785	1.29127	1.29127	0.316354	0.813266	-1.22961
cg10566121	MPPED2	0.0358831	0.885607	1.04303	1.04303	0.12258	1.63177	1.63177	0.00594419	2.86562	2.86562	0.568084	1.18396	1.18396	0.582528	1.17642	1.17642
cg19949932	MPPED2;MPPED2	0.000923045	0.00238945	0.382899	-2.61166	0.00247039	0.384992	-2.59746	0.00457207	0.42471	-2.35455	0.923991	0.97859	-1.02188	4.24E-05	0.171077	-5.84531
cg22902798	MPPED2;MPPED2	0.00230743	0.00457156	2.02078	2.02078	0.0777501	0.694044	-1.44083	0.0230469	0.602679	-1.65926	0.00299388	2.13513	2.13513	0.00301109	2.13351	2.13351
cg20495540	MPPED2;MPPED2	0.00287942	0.813737	0.936773	-1.06749	0.00247691	0.312177	-3.20331	0.0038211	0.339852	-2.94246	0.68123	0.891988	-1.12109	0.00212464	0.302717	-3.30342
cg05600421	MPPED2;MPPED2	0.0159852	0.267769	0.730918	-1.36814	0.0683616	0.574599	-1.74035	0.0185418	0.460574	-2.1712	0.085235	0.596508	-1.67642	0.0069781	0.387696	-2.57934
cg20871721	MPPED2;MPPED2	0.0244595	0.641371	1.17474	1.17474	0.00628113	3.39492	3.39492	0.030228	2.39843	2.39843	0.938832	1.0267	1.0267	0.989958	0.995689	-1.00433
cg15985500	MPPED2;MPPED2	0.037354	0.619152	1.30114	1.30114	0.112844	0.403873	-2.47602	0.158555	0.45304	-2.20731	0.405163	1.5643	1.5643	0.416058	1.54756	1.54756
cg05204798	MPPED2;MPPED2	0.0410691	0.435619	1.34914	1.34914	0.596589	1.22278	1.22278	0.0079338	3.60293	3.60293	0.771598	0.896202	-1.11582	0.6222	1.20562	1.20562
cg26166818	MPRIP;MPRIP	5.23E-05	0.640544	0.928098	-1.07747	0.000618101	2.30749	2.30749	0.00323757	1.89123	1.89123	0.528332	1.10668	1.10668	1.74E-05	0.247525	-4.04
cg12489964	MPRIP;MPRIP	0.00112827	0.000435102	0.46475	-2.1517	0.0936379	1.28923	1.28923	0.86969	1.02288	1.02288	0.229798	0.840621	-1.1896	0.000375754	0.456832	-2.18899
cg01838287	MPRIP;MPRIP	0.00113008	0.0393483	0.753158	-1.32774	0.00484496	1.55938	1.55938	0.0163716	1.41757	1.41757	0.443822	0.911341	-1.09728	0.00990906	0.678788	-1.47321
cg04887328	MPRIP;MPRIP	0.00124542	0.531606	0.926208	-1.07967	0.308373	0.88025	-1.13604	0.0235592	0.720982	-1.387	0.0145928	0.694975	-1.4389	0.204694	1.17575	1.17575
cg05450457	MPRIP;MPRIP	0.00153504	0.120911	0.75136	-1.33092	0.0492776	0.682883	-1.46438	0.752376	0.947622	-1.05527	0.0149513	0.601335	-1.66297	0.000305208	0.368972	-2.71023
cg08410901	MPRIP;MPRIP	0.00367417	0.0877612	1.49368	1.49368	0.00295458	0.41942	-2.38424	0.088228	1.49262	1.49262	0.043834	1.63769	1.63769	0.000673999	0.330523	-3.0255
cg02889982	MPRIP;MPRIP	0.0101336	0.329466	1.25466	1.25466	0.452345	0.841487	-1.18837	0.595223	1.12848	1.12848	0.0102921	0.482462	-2.0727	0.0790408	1.55204	1.55204
cg01698724	MPRIP;MPRIP	0.010941	0.0101775	1.39862	1.39862	0.547073	0.938865	-1.06512	0.207206	1.14763	1.14763	0.0504404	1.25963	1.25963	0.0836341	1.21923	1.21923
cg26771557	MPRIP;MPRIP	0.0115027	0.24357	1.24313	1.24313	0.340339	0.839231	-1.19157	0.458597	0.874056	-1.14409	0.62331	0.915487	-1.09231	0.00167764	0.448771	-2.22831
cg25729060	MPRIP;MPRIP	0.013527	0.612675	0.884815	-1.13018	0.00628061	2.34765	2.34765	0.00323017	2.61976	2.61976	0.992638	1.00221	1.00221	0.494833	0.846907	-1.18077
cg01890836	MPRIP;MPRIP	0.0151639	0.595108	1.31161	1.31161	0.092093	2.55408	2.55408	0.674278	1.23833	1.23833	0.0407719	3.30144	3.30144	0.864326	0.917148	-1.09034
cg02111299	MPRIP;MPRIP	0.0168924	0.61964	0.861207	-1.16116	0.355392	0.752849	-1.32829	0.166941	0.644034	-1.55271	0.0208364	0.435787	-2.2947	0.000634468	0.208606	-4.79374
cg24170090	MPRIP;MPRIP	0.031417	0.428932	1.17497	1.17497	0.0267263	1.68906	1.68906	0.313325	1.23151	1.23151	0.170088	1.3388	1.3388	0.274962	1.25458	1.25458
cg09351928	MPRIP;MPRIP	0.0490148	0.0655677	0.675336	-1.48075	0.21211	1.28358	1.28358	0.00318405	0.4653	-2.14915	0.884117	1.02809	1.02809	0.231418	0.787867	-1.26925
cg04900128	MPRIP;MPRIP	0.0493521	0.270366	0.767558	-1.30283	0.51921	1.16255	1.16255	0.0639912	0.618871	-1.61584	0.859296	1.04175	1.04175	0.0144207	0.499037	-2.00386
cg06230247	MPST;MPST;MPST;MPST	2.56E-05	1.12E-05	0.275987	-3.62336	0.00356845	0.58022	-1.72348	0.0376156	0.71708	-1.39454	0.016517	1.49756	1.49756	4.04E-06	0.228708	-4.37238
cg01164099	MPST;MPST;MPST;MPST	0.0059129	0.544339	0.928992	-1.07644	0.0168954	0.704817	-1.41881	0.00433552	0.632784	-1.58032	0.110085	1.2325	1.2325	0.552056	1.07489	1.07489
cg02179764	MPST;MPST;MPST;MPST	0.0355774	0.12083	0.574297	-1.74126	0.321544	0.713466	-1.40161	0.0282318	0.42567	-2.34924	0.302344	0.703106	-1.42226	0.00260088	0.252758	-3.95635
cg17575915	MPST;MPST;TST;MPST;MPST	0.000709815	0.000781333	0.227045	-4.40442	0.00106202	0.243612	-4.10489	0.749201	1.09812	1.09812	0.270927	0.715718	-1.3972	0.00029269	0.178633	-5.59807
cg10239941	MPV17	0.00859812	0.371356	0.913535	-1.09465	0.211525	1.13846	1.13846	0.000149712	1.89961	1.89961	0.986111	0.998286	-1.00172	0.519513	1.06644	1.06644
cg14948822	MPV17	0.0197352	0.0134435	0.126926	-7.87858	0.533518	0.653557	-1.53009	0.10453	0.302184	-3.30924	0.508076	1.57279	1.57279	0.0111713	0.117091	-8.54039
cg11544529	MPV17;MPV17	0.0474655	0.0778195	1.24845	1.24845	0.15532	1.18666	1.18666	0.00696825	1.49983	1.49983	0.280786	0.881965	-1.13383	0.393358	1.10268	1.10268
cg23075269	MPV17L2	0.000972746	0.000539309	0.246523	-4.05642	0.359385	1.25694	1.25694	0.0871856	1.58959	1.58959	0.125559	0.666626	-1.50009	5.94E-05	0.136149	-7.34489
cg13612958	MPV17L2	0.00115871	0.0218739	0.807093	-1.23901	0.0739409	1.16786	1.16786	0.997782	1.00022	1.00022	0.000401667	0.644973	-1.55045	0.204886	0.90103	-1.10984
cg19014302	MPV17L2	0.0172933	0.116628	1.36096	1.36096	0.125921	0.741301	-1.34898	0.0331381	0.637465	-1.56871	0.00160967	0.441475	-2.26513	0.128566	0.743087	-1.34574
cg21982467	MPV17L2;MPV17L2	0.000133203	0.132649	0.657213	-1.52158	2.76E-05	0.118002	-8.47442	?	?	?	?	?	?	0.158832	0.677331	-1.47638
cg13619606	MPV17L2;MPV17L2	0.00577352	0.160758	0.811756	-1.2319	0.000649731	0.482898	-2.07083	0.014538	0.657672	-1.52051	0.181331	0.820747	-1.2184	0.81279	1.03358	1.03358
cg05583053	MPV17L;MPV17L	6.34E-06	3.00E-05	0.180647	-5.53566	0.000441749	3.19777	3.19777	0.00184364	0.395933	-2.52568	4.43E-05	0.197616	-5.06031	2.98E-06	0.0969988	-10.3094
cg06405517	MPV17L;MPV17L	0.00053559	0.000400235	0.0633774	-15.7785	0.0720667	2.67358	2.67358	0.0595662	0.352921	-2.83349	0.00596953	0.171943	-5.81587	0.000532642	0.0712794	-14.0293
cg09294492	MPV17L;MPV17L	0.0130594	0.00543543	0.240203	-4.16315	0.188559	1.72154	1.72154	0.707034	0.8631	-1.15861	0.0657179	0.446966	-2.23731	0.00233748	0.190766	-5.24202
cg00305320	MPV17L;MPV17L	0.0293438	0.0241519	8.0616	8.0616	0.00636067	15.755	15.755	0.226841	2.67783	2.67783	0.0420573	6.16242	6.16242	0.095776	4.13828	4.13828
cg22722802	MPV17L;MPV17L	0.0351588	0.0115475	7.15926	7.15926	0.0196811	5.78842	5.78842	0.214877	2.25611	2.25611	0.200734	2.32142	2.32142	0.0523185	3.95642	3.95642
cg13210580	MPZ	0.00115236	0.603504	0.878716	-1.13802	0.251323	1.34412	1.34412	0.795258	1.06627	1.06627	1.54E-05	0.110107	-9.08206	0.301408	0.767817	-1.30239
cg11214962	MPZ	0.0455401	0.0702872	0.145193	-6.8874	0.0832472	0.160596	-6.22682	0.0290102	0.0858928	-11.6424	0.0676698	0.141955	-7.04449	0.0218026	0.0724017	-13.8118
cg18596794	MPZL1;MPZL1;MPZL1	0.000169283	0.00785526	0.591458	-1.69074	0.0310507	0.681165	-1.46807	1.96E-05	0.235564	-4.24514	0.50577	1.10524	1.10524	0.00128056	0.477509	-2.0942
cg08882650	MPZL1;MPZL1;MPZL1	0.000597333	0.0306656	0.647072	-1.54542	0.0032368	0.50231	-1.9908	0.00584196	0.538637	-1.85654	0.80747	1.04274	1.04274	2.09E-05	0.22956	-4.35616
cg23992624	MPZL1;MPZL1;MPZL1	0.00405059	0.567296	0.873308	-1.14507	0.329834	1.26567	1.26567	0.0468384	1.7043	1.7043	0.559452	0.870855	-1.1483	0.0152613	0.497586	-2.0097
cg10460873	MPZL1;MPZL1;MPZL1	0.0107503	0.838303	0.975793	-1.02481	0.00582139	1.54204	1.54204	0.000543679	1.9053	1.9053	0.874286	0.98119	-1.01917	0.608938	1.06384	1.06384
cg00953327	MPZL1;MPZL1;MPZL1	0.0188672	0.02716	0.554658	-1.80291	0.0407904	1.7028	1.7028	0.923243	0.978512	-1.02196	0.615913	1.12076	1.12076	0.00365763	0.412336	-2.42521
cg03001647	MPZL1;MPZL1;MPZL1	0.0318813	0.00100034	0.238313	-4.19617	0.571632	1.18268	1.18268	0.0929182	1.72051	1.72051	0.576616	0.847411	-1.18007	0.558098	0.840418	-1.18988
cg14220628	MPZL1;MPZL1;MPZL1;MPZL1;MPZL1;MPZL1	0.00443402	0.000450034	0.301199	-3.32006	0.00208849	0.390915	-2.5581	0.0155085	0.525229	-1.90393	0.374037	1.21885	1.21885	0.554791	0.878476	-1.13834
cg26354882	MPZL1;MPZL1;MPZL1;MPZL1;MPZL1;MPZL1	0.01104	0.564038	1.06559	1.06559	0.595723	0.943337	-1.06007	0.32392	0.894956	-1.11737	0.751668	1.03519	1.03519	0.0627518	1.25622	1.25622
cg04108296	MPZL1;MPZL1;MPZL1;MPZL1;MPZL1;MPZL1	0.0199333	0.279407	0.749808	-1.33367	0.37204	0.790832	-1.26449	0.5134	1.18496	1.18496	0.321553	0.769341	-1.29981	0.00060633	0.258369	-3.87043
cg18399703	MPZL2;MPZL2	6.82E-05	9.73E-05	0.259234	-3.85752	0.000264127	0.311008	-3.21535	0.00126778	0.399901	-2.50062	0.00245085	0.439859	-2.27346	0.00125214	0.399163	-2.50524
cg09033131	MPZL2;MPZL2	0.000430152	?	?	?	0.000241134	4.01195	4.01195	0.524352	0.862814	-1.159	?	?	?	0.0183649	0.519753	-1.92399
cg20526672	MPZL2;MPZL2	0.00075953	0.000331129	0.108645	-9.20431	0.00648817	3.87804	3.87804	0.000325096	0.107982	-9.26079	0.0247357	0.359129	-2.78452	0.00293789	0.209161	-4.781
cg26487031	MPZL2;MPZL2	0.00103892	0.0357167	1.86645	1.86645	0.0479227	0.561358	-1.78139	0.136433	1.50632	1.50632	0.475956	1.2033	1.2033	0.000230366	0.209827	-4.76582
cg16594165	MPZL2;MPZL2	0.00114753	0.0163361	0.580047	-1.724	0.00412979	2.04118	2.04118	0.0172016	0.583594	-1.71352	0.953054	1.01098	1.01098	0.00682445	0.521959	-1.91586
cg07315693	MPZL2;MPZL2	0.00402347	0.0331372	0.711003	-1.40646	0.215267	0.836425	-1.19556	0.268814	1.17083	1.17083	0.0116837	0.649542	-1.53955	0.00457791	0.596342	-1.67689
cg15376097	MPZL2;MPZL2	0.0212375	0.0797273	0.459952	-2.17414	0.117892	1.9702	1.9702	0.121332	0.511293	-1.95583	0.379735	1.43314	1.43314	0.104791	0.49263	-2.02992
cg10158821	MPZL2;MPZL2	0.0231707	0.195636	0.660292	-1.51448	0.15201	0.62787	-1.59269	0.25473	0.697214	-1.43428	0.693395	0.886765	-1.12769	0.0302868	0.461893	-2.165
cg25076325	MPZL2;MPZL2	0.0238824	0.685792	0.799366	-1.25099	0.0820502	0.346187	-2.88861	0.0870834	0.353371	-2.82988	0.811013	1.14098	1.14098	0.0440989	0.279848	-3.57337
cg18051914	MPZL2;MPZL2;MPZL2;MPZL2	6.40E-05	0.000275646	0.320584	-3.11931	0.000101803	3.72423	3.72423	0.00301187	0.459827	-2.17473	0.170839	0.756868	-1.32123	0.000237676	0.3126	-3.19897
cg26426447	MPZL2;MPZL2;MPZL2;MPZL2	0.000818129	0.00895994	0.352173	-2.83952	0.00350049	0.288329	-3.46825	0.0500838	0.495894	-2.01656	0.00435263	3.3072	3.3072	0.0107942	2.73303	2.73303
cg21127597	MPZL3	9.78E-08	0.0640889	1.27976	1.27976	1.34E-05	0.33955	-2.94508	7.86E-08	0.12082	-8.27679	8.65E-08	0.123979	-8.0659	3.43E-06	0.273618	-3.65473
cg25155064	MPZL3	3.27E-06	9.82E-05	0.226292	-4.41907	1.78E-06	0.077346	-12.9289	0.00365067	0.429797	-2.32668	0.00226545	0.399562	-2.50274	3.79E-07	0.0437458	-22.8594
cg23873021	MPZL3	0.000206744	0.00351321	0.750105	-1.33315	0.051387	0.851196	-1.17482	0.000534234	1.47917	1.47917	0.776152	1.02092	1.02092	0.333529	0.93011	-1.07514
cg06491116	MPZL3	0.000471635	0.0026311	2.52962	2.52962	0.375247	0.816398	-1.22489	0.759492	1.07084	1.07084	0.210252	0.745055	-1.34218	0.00125512	0.349909	-2.85789
cg19069882	MPZL3	0.00195632	0.00342134	3.61726	3.61726	0.273239	0.691698	-1.44572	0.497586	1.24934	1.24934	0.00681014	3.10607	3.10607	0.00841767	0.336933	-2.96795
cg11733294	MPZL3	0.0111612	0.333239	1.08993	1.08993	0.0620837	1.1987	1.1987	0.424894	1.07284	1.07284	0.437852	0.934	-1.07066	0.720863	0.969519	-1.03144
cg27161463	MPZL3	0.012483	0.05921	0.797842	-1.25338	0.203513	1.15293	1.15293	0.655007	0.953435	-1.04884	0.415092	1.09234	1.09234	0.516635	0.932655	-1.07221
cg16805553	MPZL3	0.0240987	0.0265684	0.139383	-7.17448	0.00500013	0.06176	-16.1917	0.00850608	0.0806666	-12.3967	0.266753	0.420062	-2.3806	0.0171733	0.113402	-8.81819
cg19259082	MPZL3;MPZL2	0.00282634	0.697349	1.08006	1.08006	0.000399758	0.329513	-3.03478	0.00012601	0.268269	-3.72761	0.62272	0.906892	-1.10267	0.59802	0.900452	-1.11055
cg23037321	MR1	0.000366365	0.000118742	0.0214883	-46.5369	0.000658656	0.0509971	-19.609	0.00973704	0.154945	-6.45392	0.0155733	0.184208	-5.42865	0.000346022	0.0375087	-26.6605
cg19226370	MR1	0.0139096	0.159782	0.755811	-1.32308	0.0639036	0.678309	-1.47425	0.00633716	0.515604	-1.93947	0.108557	0.721633	-1.38575	0.00167797	0.432915	-2.30992
cg06961313	MR1	0.0149374	0.445647	0.887658	-1.12656	0.0108079	0.612177	-1.63351	0.100286	0.758822	-1.31783	0.506207	1.10892	1.10892	0.0259411	0.666824	-1.49965
cg22450342	MR1	0.0354494	0.211633	1.37873	1.37873	0.663859	0.898772	-1.11263	0.00344101	0.379179	-2.63728	0.629149	1.12611	1.12611	0.0833128	0.62631	-1.59665
cg17575960	MRAP2	0.000667133	0.874065	0.981067	-1.0193	0.713904	0.956596	-1.04537	0.0013553	1.75185	1.75185	0.368669	1.1177	1.1177	0.410936	1.10664	1.10664
cg02204845	MRAP2	0.00638508	0.343	0.676612	-1.47795	0.0046602	4.50275	4.50275	0.173473	1.7845	1.7845	0.557218	1.26794	1.26794	0.0220555	0.333555	-2.998
cg08327884	MRAP2	0.00689185	0.00894159	0.325528	-3.07193	0.00993128	0.333174	-3.00144	0.114391	0.56016	-1.7852	0.100427	0.544785	-1.83559	0.00170246	0.220387	-4.53748
cg02129814	MRAP2	0.0245429	0.775583	0.889664	-1.12402	0.148586	0.530597	-1.88467	0.170868	0.550759	-1.81568	0.023803	0.331726	-3.01453	0.089729	0.465274	-2.14927
cg11802469	MRAP2	0.0304979	0.603177	0.800901	-1.24859	0.578214	0.788387	-1.26841	0.691135	1.18419	1.18419	0.914929	0.955772	-1.04627	0.00898992	0.245054	-4.08073
cg15411280	MRAP2	0.0454547	0.0743605	0.690481	-1.44827	0.00556621	0.507435	-1.97069	0.256984	0.802208	-1.24656	0.365142	1.18927	1.18927	0.0549395	0.66667	-1.49999
cg21361470	MRAP2	0.0472314	0.213643	0.539025	-1.8552	0.469328	1.41541	1.41541	0.174991	1.97541	1.97541	0.261648	0.575551	-1.73746	0.038092	0.321569	-3.10975
cg05797276	MRAP2	0.0496793	0.0939562	0.454241	-2.20147	0.338917	1.52558	1.52558	0.233961	1.70686	1.70686	0.223097	0.577789	-1.73074	0.0846767	0.441707	-2.26394
cg03951121	MRAP;MRAP	0.000497074	0.143711	1.25859	1.25859	8.20E-05	0.353723	-2.82707	0.00413787	0.569579	-1.75568	0.561218	1.08982	1.08982	0.0734122	1.33942	1.33942
cg24158916	MRAP;MRAP	0.00516917	0.786044	1.09239	1.09239	0.0290973	0.433752	-2.30546	0.00562415	0.307142	-3.25583	0.00319781	0.270589	-3.69565	0.0153852	0.380646	-2.62711
cg14192207	MRAP;MRAP	0.0346892	0.0702867	0.689305	-1.45074	0.0182698	0.590501	-1.69348	0.721715	0.93635	-1.06798	0.352025	0.838517	-1.19258	0.304045	1.21622	1.21622
cg24082440	MRAP;MRAP	0.0497176	0.0245755	0.23735	-4.21319	0.308688	0.567844	-1.76105	0.176831	0.462499	-2.16217	0.585227	1.34449	1.34449	0.011525	0.18319	-5.45881
cg13618111	MRAS	0.0395666	0.139224	0.792011	-1.26261	0.0680073	0.741213	-1.34914	0.280516	0.848438	-1.17864	0.0202102	0.663407	-1.50737	0.243693	0.836337	-1.19569
cg15320001	MRAS;MRAS	0.000104132	0.000225184	0.23375	-4.27808	0.00133392	0.331237	-3.01899	0.000299628	0.248248	-4.02823	0.00201678	0.356334	-2.80635	5.00E-05	0.164904	-6.06412
cg22907952	MRAS;MRAS	0.00985584	0.097475	0.595894	-1.67815	0.00552986	0.354165	-2.82355	0.0646878	0.553924	-1.8053	0.0193551	0.447037	-2.23695	0.0059802	0.359541	-2.78132
cg08813099	MRAS;MRAS	0.0109395	0.162702	0.71028	-1.40789	0.81734	0.948279	-1.05454	0.335213	1.25624	1.25624	0.0057494	0.435655	-2.29539	0.102384	0.663446	-1.50728
cg01289561	MRAS;MRAS	0.0123957	0.283136	0.879506	-1.137	0.00425787	0.643791	-1.5533	0.0574222	0.780801	-1.28074	0.0238142	0.733035	-1.36419	0.000720138	0.552946	-1.80849
cg09698395	MRAS;MRAS	0.0182362	0.23272	0.788384	-1.26842	0.688107	1.07969	1.07969	0.0198092	0.585928	-1.7067	0.488266	1.14315	1.14315	0.00474764	0.490406	-2.03913
cg03044239	MRAS;MRAS;MRAS	0.0431028	0.650442	1.05375	1.05375	0.708476	1.04405	1.04405	0.0302481	1.33961	1.33961	0.367427	0.899196	-1.1121	0.00227946	1.63182	1.63182
cg07386868	MRC1;MIR511-1;MIR511-2;MRC1L1	0.00105308	0.00181521	2.13591	2.13591	0.00638908	0.544762	-1.83566	0.0182246	0.612264	-1.63328	0.0255466	1.57484	1.57484	0.000215794	0.34754	-2.87737
cg13068915	MRC2	1.64E-05	0.810276	1.02257	1.02257	9.11E-06	0.410331	-2.43706	4.31E-05	0.486356	-2.05611	0.000820241	1.59654	1.59654	0.000358067	0.587774	-1.70133
cg10928866	MRC2	0.000572825	0.807035	1.06047	1.06047	0.0100712	2.17958	2.17958	0.0718666	0.617486	-1.61947	0.101916	0.650812	-1.53654	0.00646189	0.427604	-2.33861
cg09689317	MRC2	0.000854296	0.0193051	0.385754	-2.59233	0.3391	0.717713	-1.39332	0.000678764	0.174057	-5.74523	0.0502598	0.471754	-2.11975	1.83E-05	0.0527838	-18.9452
cg05651778	MRC2	0.00134963	0.00946115	0.358722	-2.78768	0.0246616	2.30276	2.30276	0.024359	2.30833	2.30833	0.0269889	0.441982	-2.26254	0.0235191	0.430248	-2.32424
cg14311523	MRC2	0.0018119	0.510334	1.16236	1.16236	0.150851	1.41465	1.41465	0.107917	0.673521	-1.48473	0.312563	1.26537	1.26537	0.00549137	0.439296	-2.27637
cg23500559	MRC2	0.0021258	0.0176681	0.622499	-1.60643	0.133102	0.766323	-1.30493	0.567017	0.909335	-1.0997	0.24193	0.81777	-1.22284	0.000202148	0.359171	-2.78419
cg24414089	MRC2	0.00531508	0.0134756	0.730582	-1.36877	0.0281818	0.766454	-1.30471	0.935085	1.00839	1.00839	0.000346643	0.553986	-1.8051	0.0152064	0.736412	-1.35794
cg08863844	MRC2	0.0093476	0.00177576	0.549992	-1.81821	0.596038	1.07452	1.07452	0.0493681	1.35167	1.35167	0.945615	1.00921	1.00921	0.139624	0.807702	-1.23808
cg22561647	MRC2	0.0107775	0.185711	1.91113	1.91113	0.0424266	2.94094	2.94094	0.739429	0.857209	-1.16658	0.141075	2.07642	2.07642	0.00449639	0.174094	-5.74402
cg14323199	MRC2	0.0157334	0.233856	0.838449	-1.19268	0.0680254	0.749365	-1.33446	0.0012168	0.512512	-1.95118	0.0219179	0.678287	-1.4743	0.778653	0.960999	-1.04058
cg00743269	MRC2	0.0175343	0.422236	0.740014	-1.35132	0.621958	1.20026	1.20026	0.502199	0.778701	-1.28419	0.0216709	2.75239	2.75239	0.00485888	0.253735	-3.94111
cg19683251	MRC2	0.0205614	0.936156	0.97141	-1.02943	0.784525	0.905529	-1.10433	0.00535058	0.264942	-3.77441	0.860351	1.06583	1.06583	0.00232271	0.214379	-4.66464
cg21768884	MRC2	0.0278489	0.00953526	1.81227	1.81227	0.00201367	2.20138	2.20138	0.177183	1.2966	1.2966	0.645256	1.08757	1.08757	0.52277	0.889322	-1.12445
cg00953825	MRC2	0.0279889	0.755127	0.966447	-1.03472	0.430271	1.0918	1.0918	0.366123	0.903673	-1.1066	0.268795	1.13387	1.13387	0.0396114	0.771365	-1.2964
cg11752320	MRC2	0.0289998	0.0656715	0.578624	-1.72824	0.0508866	1.80235	1.80235	0.353909	0.776763	-1.28739	0.871448	1.04383	1.04383	0.004919	0.372764	-2.68266
cg14690510	MRC2	0.0364528	0.190736	1.33826	1.33826	0.00636113	2.11047	2.11047	0.154516	1.37781	1.37781	0.430986	1.18416	1.18416	0.474784	1.16516	1.16516
cg09361470	MRC2	0.0366154	0.0326341	0.6801	-1.47037	0.00379788	1.82574	1.82574	0.384085	0.871441	-1.14753	0.404966	1.1404	1.1404	0.0675181	0.729182	-1.3714
cg16200799	MRC2	0.0396078	0.0291144	0.45356	-2.20478	0.789813	0.921144	-1.08561	0.0950597	0.568951	-1.75762	0.802544	0.925858	-1.08008	0.00156752	0.247404	-4.04197
cg01022859	MRC2	0.0432762	0.358554	0.856817	-1.16711	0.563386	1.10034	1.10034	0.137397	0.7696	-1.29938	0.501519	0.894351	-1.11813	0.0277632	0.653266	-1.53077
cg24630209	MRC2	0.0454349	0.828248	0.963239	-1.03816	0.745589	1.05773	1.05773	0.0421983	0.668013	-1.49698	0.127475	1.32857	1.32857	0.311	0.834689	-1.19805

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17215117	0.074245	1.47961	1.47961	0.341922	1.21272	1.21272	0.0524436	0.647666	-1.54401	0.890415	1.02752	1.02752	4.54354	2.79151	0.546125	1
cg10933691	0.0827475	0.183892	-5.43798	0.00837531	0.0513605	-19.4702	0.397317	0.465861	-2.14656	0.0815882	0.182466	-5.48048	3.77599	46.4545	10.9357	1
cg22716262	0.0556098	0.196311	-5.09396	0.0847202	0.23905	-4.18323	0.0541814	0.193944	-5.15613	0.0666286	0.213593	-4.68179	3.65503	32.6131	7.93139	1
cg13181019	0.514784	0.791529	-1.26338	0.529278	1.25304	1.25304	0.965274	0.98471	-1.01553	0.00597102	3.56831	3.56831	3.39061	6.72672	1.76349	1
cg20335039	0.189187	1.3199	1.3199	0.0829239	1.46688	1.46688	0.23027	1.28551	1.28551	0.108894	0.705464	-1.41751	6.63348	4.18339	0.560576	1
cg02159896	0.129409	1.21705	1.21705	0.802047	1.03057	1.03057	0.144007	0.828465	-1.20705	0.121582	1.22288	1.22288	4.06742	0.925888	0.202342	1
cg09830678	0.00442625	1.3864	1.3864	9.46E-05	0.549733	-1.81907	0.629592	0.959059	-1.04269	0.494348	0.942052	-1.06151	9.90863	1.16113	0.104163	1
cg09893947	0.132939	1.67893	1.67893	0.000357043	0.160201	-6.24215	0.0155358	2.58197	2.58197	0.049806	2.04446	2.04446	9.73144	15.7445	1.43814	1
cg09894136	0.572936	0.889018	-1.12484	0.00109127	0.369698	-2.70491	0.347339	0.818867	-1.2212	0.120495	0.706249	-1.41593	8.26688	5.58387	0.600401	1
cg09929856	0.614096	1.13713	1.13713	0.00852193	0.428061	-2.33612	0.0992114	0.63331	-1.57901	0.342639	1.28032	1.28032	6.39942	6.4744	0.899304	1
cg10227142	0.733568	1.10351	1.10351	0.92043	0.971607	-1.02922	0.543422	1.194	1.194	0.0313802	0.482959	-2.07057	5.6484	7.43437	1.16995	1
cg21625858	0.00432289	2.14747	2.14747	0.460899	0.860352	-1.16231	0.0034994	2.21163	2.21163	0.913687	0.97851	-1.02196	5.42019	3.44632	0.565182	1
cg12400921	0.263325	0.740592	-1.35027	0.000938135	0.280494	-3.56514	0.758986	0.923807	-1.08248	0.499192	1.19323	1.19323	4.76037	5.0002	0.933672	1
cg10314052	0.160039	0.326971	-3.05837	0.00146415	0.0326703	-30.6089	0.0237691	0.134032	-7.46088	0.0952644	0.255378	-3.91576	4.58852	40.304	7.80771	1
cg14239351	0.844834	0.923427	-1.08292	0.0120272	0.279868	-3.57311	0.436934	0.7244	-1.38045	0.666842	0.838554	-1.19253	3.95112	10.3433	2.32695	1
cg02375506	0.55301	1.18178	1.18178	0.5354	0.839727	-1.19086	0.0503753	0.537548	-1.8603	0.0483844	0.533815	-1.87331	3.69678	4.53482	1.09039	1
cg24293614	0.896477	0.919649	-1.08737	0.52865	0.663156	-1.50794	0.00228182	15.5668	15.5668	0.0424819	4.49643	4.49643	3.59879	23.5991	5.82889	1
cg06526985	0.0397094	1.77483	1.77483	0.0043023	2.51176	2.51176	0.150094	1.4509	1.4509	0.815429	1.05803	1.05803	3.49686	3.22299	0.819271	1
cg21923442	0.421525	1.06634	1.06634	1.54E-05	0.496782	-2.01295	0.0145317	1.26556	1.26556	0.842411	1.01569	1.01569	15.3467	1.48754	0.0861589	1
cg11855526	0.000376495	0.356246	-2.80705	?	?	?	0.598545	1.10128	1.10128	0.217702	1.2655	1.2655	12.2959	5.70739	0.464169	1
cg11972677	0.264877	0.879732	-1.13671	0.0349126	0.762555	-1.31138	0.131004	0.835428	-1.19699	0.00115429	1.69311	1.69311	6.2947	1.21231	0.171193	1
cg09604618	0.499522	0.92201	-1.08459	0.00779367	0.667189	-1.49883	0.341043	1.12325	1.12325	0.233362	1.15954	1.15954	5.72206	1.27176	0.19756	1
cg24185576	0.187297	0.810949	-1.23312	0.0117105	0.623611	-1.60356	0.35276	0.866434	-1.15416	0.65196	1.07045	1.07045	4.93891	1.75851	0.316491	1
cg16820616	0.00521704	0.479308	-2.08634	0.0546549	1.54487	1.54487	0.185472	0.755662	-1.32334	0.122592	1.39631	1.39631	3.94743	2.48909	0.560497	1
cg10566121	0.0160137	0.421934	-2.37004	0.0900784	1.7276	1.7276	0.274942	1.39435	1.39435	0.10227	1.68764	1.68764	3.83236	5.19875	1.20581	1
cg19949932	0.974338	0.992731	-1.00732	0.0480285	0.598958	-1.66957	0.931161	1.01979	1.01979	0.0053799	0.435551	-2.29594	12.0364	9.80512	0.724109	1
cg22902798	0.0264414	1.63282	1.63282	0.00286788	2.14732	2.14732	0.679003	1.08061	1.08061	0.367036	1.18844	1.18844	9.24724	5.08341	0.488642	1
cg20495540	0.0134289	2.33292	2.33292	0.364522	0.772707	-1.29415	0.0452463	1.8883	1.8883	0.045225	0.529534	-1.88845	8.66293	10.5069	1.0781	1
cg05600421	0.0138314	0.437782	-2.28424	0.106279	0.619444	-1.61435	0.0273322	2.03187	2.03187	0.103151	0.616275	-1.62265	5.07255	5.92304	1.03792	1
cg20871721	0.723399	1.12976	1.12976	0.00816226	0.312751	-3.19743	0.70182	0.876277	-1.14119	0.146208	0.585359	-1.70835	4.39044	8.19622	1.65941	1
cg15985500	0.863446	0.913535	-1.09465	0.00487051	0.140737	-7.10544	0.154852	0.449391	-2.22523	0.0310679	3.7796	3.7796	3.77672	16.5079	3.8853	1
cg05204798	0.521276	1.27733	1.27733	0.00758212	0.274428	-3.64394	0.0950024	1.99523	1.99523	0.765957	0.893694	-1.11895	3.64747	8.18892	1.99564	1
cg26166818	0.850594	0.970523	-1.03037	1.48E-05	0.239925	-4.16797	0.682117	1.06752	1.06752	0.585072	1.09142	1.09142	26.3132	10.4919	0.354427	1
cg12489964	0.915526	1.01473	1.01473	0.00182188	1.84141	1.84141	0.261024	0.850853	-1.17529	0.378368	0.88291	-1.13262	11.3698	3.41871	0.267274	1
cg01838287	0.568983	1.07085	1.07085	0.00114007	0.566106	-1.76645	0.0220901	1.38595	1.38595	0.0023997	0.60472	-1.65366	11.3647	2.54529	0.19908	1
cg04887328	0.241183	0.862062	-1.16001	2.61E-05	0.365314	-2.73737	0.792416	0.968595	-1.03242	0.0672444	1.2816	1.2816	11.0539	2.56222	0.206039	1
cg05450457	7.88E-05	0.297241	-3.36428	0.755016	1.05464	1.05464	0.652945	0.925948	-1.07997	0.0480596	0.681082	-1.46825	10.4101	4.7632	0.406716	1
cg08410901	0.077997	1.51736	1.51736	0.931535	1.01846	1.01846	0.374197	1.21436	1.21436	0.473762	0.856305	-1.16781	8.05572	5.78403	0.638225	1
cg02889982	0.0736831	1.56745	1.56745	0.000710043	3.19815	3.19815	0.270557	1.2951	1.2951	0.313669	1.26478	1.26478	5.88557	4.73642	0.715334	1
cg01698724	0.011196	1.38967	1.38967	0.00251926	1.54381	1.54381	0.0498803	0.793313	-1.26054	0.553541	1.06401	1.06401	5.74246	0.974711	0.150878	1
cg26771557	0.114714	1.35794	1.35794	0.900946	0.978035	-1.02246	0.0251387	1.60811	1.60811	0.009886	0.559112	-1.78855	5.65043	2.84703	0.447876	1
cg25729060	0.150837	0.69138	-1.44638	0.266504	0.757661	-1.31985	0.074451	1.61027	1.61027	0.065122	0.608714	-1.64281	5.36001	4.87791	0.808939	1
cg01890836	0.0642277	2.86221	2.86221	0.467704	0.688192	-1.45308	0.000442068	16.536	16.536	0.0445487	3.21084	3.21084	5.1621	20.9081	3.60028	1
cg02111299	0.0175413	0.421834	-2.3706	0.0661002	0.540304	-1.85081	0.658776	1.14192	1.14192	0.123123	0.607268	-1.64672	4.98005	7.0333	1.25537	1
cg24170090	0.0940049	1.44437	1.44437	0.0182176	1.77248	1.77248	0.0582557	0.652237	-1.53319	0.00747789	1.98898	1.98898	4.02022	2.53875	0.561329	1
cg09351928	0.996957	1.00072	1.00072	0.393542	1.18058	1.18058	0.410524	1.17334	1.17334	0.289326	1.23234	1.23234	3.41383	1.95074	0.507931	1
cg04900128	0.132866	0.688133	-1.45321	0.0108664	0.478468	-2.09001	0.196291	1.3702	1.3702	0.208963	0.736911	-1.35702	3.40496	2.86531	0.74801	1
cg06230247	0.835961	0.971815	-1.029	0.000133908	0.401486	-2.49075	0.361065	1.13822	1.13822	0.0396697	1.3882	1.3882	31.7485	9.5604	0.26767	1
cg01164099	0.539548	0.928156	-1.07741	0.00246628	1.65756	1.65756	0.0259838	0.728176	-1.37329	0.111397	0.81209	-1.23139	6.97054	1.59064	0.202839	1
cg02179764	0.0437338	0.465686	-2.14737	0.810917	0.924027	-1.08222	0.225958	1.52071	1.52071	0.0905664	0.540778	-1.84919	3.84427	6.6171	1.53003	1
cg17575915	0.013232	0.408184	-2.44988	0.000238385	0.169383	-5.90379	0.463917	0.804502	-1.24301	0.00191429	0.277387	-3.60508	12.9603	17.4782	1.19875	1
cg10239941	0.217228	0.879933	-1.13645	0.587201	0.947425	-1.05549	0.952293	0.994123	-1.00591	0.125911	1.17722	1.17722	6.20147	0.953416	0.136658	1
cg14948822	0.352825	0.524757	-1.90564	0.00207317	0.0536939	-18.6241	0.296361	0.481774	-2.07566	0.0194304	0.14871	-6.72451	4.7259	34.0475	6.40395	1
cg11544529	0.639051	1.05408	1.05408	0.026618	0.740326	-1.35076	0.898567	1.01431	1.01431	0.806885	0.973083	-1.02766	3.75542	0.722284	0.149591	1
cg23075269	0.455367	0.831735	-1.20231	?	?	?	0.0951761	0.637885	-1.56768	0.8252	0.947941	-1.05492	14.7619	11.8789	0.704113	1
cg13612958	0.00615209	0.756953	-1.32109	0.367127	0.930363	-1.07485	0.0309733	1.21815	1.21815	0.00125653	1.44334	1.44334	11.2839	1.08476	0.0854517	1
cg19014302	0.169406	1.30294	1.30294	0.20318	1.27485	1.27485	0.671461	0.925776	-1.08018	0.606285	1.09854	1.09854	4.94111	2.5573	0.460049	1
cg21982467	0.0986081	0.625917	-1.59766	0.00474733	2.63824	2.63824	0.000142643	0.183315	-5.45509	0.00139723	0.301923	-3.3121	21.6798	17.8718	0.942116	1
cg13619606	0.153822	1.23684	1.23684	0.988773	1.00196	1.00196	0.00131461	0.521585	-1.91723	0.657935	0.939853	-1.064	7.02197	2.15517	0.272816	1
cg05583053	0.000170521	0.262123	-3.815	5.56E-05	0.207858	-4.81099	9.04E-05	0.230654	-4.33551	2.64E-05	0.175331	-5.70351	45.6437	31.7316	0.617958	1
cg06405517	0.00759087	0.186029	-5.37551	0.000427246	0.0651212	-15.356	0.000849402	0.085764	-11.6599	0.00329569	0.140717	-7.10647	14.0202	53.2745	3.37762	1
cg09294492	0.091136	0.484046	-2.06592	0.0286595	0.365482	-2.73612	0.0478306	0.413849	-2.41634	0.0278332	0.362884	-2.7557	5.42206	13.0565	2.14048	1
cg00305320	0.605076	1.49925	1.49925	0.0121858	11.302	11.302	0.0445633	5.99283	5.99283	0.012761	11.0438	11.0438	4.11901	39.3139	8.48398	1
cg22722802	0.698961	1.27402	1.27402	0.0088305	7.9847	7.9847	0.0448147	4.20067	4.20067	0.0189955	5.86992	5.86992	3.8608	23.7475	5.46749	1
cg13210580	0.323084	0.777359	-1.28641	0.153596	1.45792	1.45792	0.041842	0.560564	-1.78392	0.611518	1.13473	1.13473	11.3016	10.8987	0.857196	1
cg11214962	0.0417753	0.106663	-9.37534	0.00977552	0.0443415	-22.5522	0.107089	0.186812	-5.35297	0.0334985	0.0935682	-10.6874	3.5098	50.5622	12.8054	1
cg18596794	7.38E-05	0.307378	-3.25332	0.0220691	0.658441	-1.51874	0.00485631	0.560888	-1.78289	6.48E-05	0.300016	-3.33316	24.7428	8.38844	0.263686	1
cg08882650	0.875559	1.02723	1.02723	0.00946147	0.569069	-1.75726	0.935296	0.986177	-1.01402	0.00127727	0.446935	-2.23746	13.6008	6.33101	0.413768	1
cg23992624	0.000674522	0.29581	-3.38055	0.597168	1.1331	1.1331	0.00127338	0.332495	-3.00756	0.880398	1.03591	1.03591	7.82279	6.80078	0.77276	1
cg10460873	0.87823	0.98178	-1.01856	0.913454	1.01312	1.01312	0.920661	0.988123	-1.01202	0.0120566	1.45566	1.45566	5.77504	1.31554	0.202486	1
cg00953327	0.0258947	0.550935	-1.8151	0.308557	1.26813	1.26813	0.137465	0.697289	-1.43413	0.712992	1.08684	1.08684	4.79842	3.86091	0.715218	1
cg03001647	0.78846	0.924097	-1.08214	0.164073	0.646724	-1.54626	0.179342	0.657923	-1.51993	0.262901	0.709911	-1.40863	3.99919	5.45719	1.21295	1
cg14220628	0.00778422	0.476592	-2.09823	0.458844	1.17773	1.17773	0.785385	0.942518	-1.06099	0.172591	0.729908	-1.37004	7.61175	5.67087	0.662236	1
cg26354882	0.0677586	1.24969	1.24969	0.00047995	0.550553	-1.81636	0.124634	1.19854	1.19854	0.504452	1.07658	1.07658	5.72582	1.07615	0.167064	1
cg04108296	0.334454	0.775008	-1.29031	0.0890286	0.618647	-1.61643	0.095307	1.59879	1.59879	0.159994	0.680859	-1.46873	4.70991	4.89055	0.922982	1
cg18399703	0.000193957	0.294573	-3.39474	0.000134058	0.275406	-3.63101	0.000740926	0.368473	-2.7139	0.00163577	2.40867	2.40867	24.5229	14.7493	0.534622	1
cg09033131	0.301112	1.27767	1.27767	0.000116684	0.213556	-4.68262	0.304446	0.784089	-1.27536	0.496533	1.17104	1.17104	15.7256	10.1322	0.736358	1
cg20526672	0.344262	0.688553	-1.45232	?	?	?	0.322723	0.676204	-1.47884	0.21055	0.603292	-1.65757	13.0215	26.8962	2.06552	1
cg26487031	0.0816801	1.63665	1.63665	0.000401555	0.237574	-4.20921	0.194439	1.41975	1.41975	0.325662	1.29579	1.29579	11.6397	12.0178	0.917762	1
cg16594165	0.90137	1.02327	1.02327	0.00130949	0.419798	-2.3821	0.00445032	2.02173	2.02173	0.0309152	1.60019	1.60019	11.3151	6.16802	0.484544	1
cg07315693	0.00718435	0.621758	-1.60834	0.00347976	0.580999	-1.72117	0.02967	1.4198	1.4198	0.230831	1.18783	1.18783	7.83865	2.32799	0.26399	1
cg15376097	0.15032	0.540222	-1.85109	0.00388898	0.211687	-4.72397	0.0220908	0.334162	-2.99256	0.206895	1.70167	1.70167	4.60928	11.6435	2.24542	1
cg10158821	0.296519	1.38857	1.38857	0.00118218	0.2363	-4.23191	0.602275	0.852602	-1.17288	0.124332	1.65647	1.65647	4.47344	6.51686	1.29493	1
cg25076325	0.472945	1.49467	1.49467	0.00139938	0.0782225	-12.7841	0.981107	0.987047	-1.01312	0.116751	2.55561	2.55561	4.42692	21.2536	4.26755	1
cg18051914	0.00395554	0.476934	-2.09672	0.000406079	0.341824	-2.92548	0.628606	0.9111	-1.09757	0.00197737	2.30454	2.30454	24.9384	14.4117	0.513681	1
cg26426447	0.201819	0.654981	-1.52676	0.00504857	0.312183	-3.20325	0.00336933	3.49756	3.49756	0.0271351	2.27316	2.27316	12.4533	19.4412	1.38767	1
cg21127597	6.47E-07	0.199503	-5.01245	1.98E-08	0.0805241	-12.4186	3.62E-05	0.389364	-2.56829	7.33E-06	0.309804	-3.22785	132.342	29.4559	0.197844	1
cg25155064	0.00580408	0.460221	-2.17287	3.18E-06	0.0932835	-10.72	0.000130491	0.240096	-4.16501	1.13E-05	0.134922	-7.41168	54.1632	39.5691	0.649381	1
cg23873021	0.0108006	0.792486	-1.26185	1.57E-05	0.523078	-1.91176	0.260028	1.08909	1.08909	0.112562	1.13369	1.13369	18.2067	1.52136	0.0742762	1
cg06491116	0.216142	0.748158	-1.33662	0.00084143	0.326474	-3.06303	0.000574943	3.28012	3.28012	0.0058586	2.23452	2.23452	14.5237	11.4291	0.699488	1
cg19069882	0.150609	0.607726	-1.64548	0.00405616	0.287269	-3.48106	0.0119392	2.75685	2.75685	0.0312315	2.26398	2.26398	9.7041	16.0612	1.4712	1
cg11733294	0.907472	1.01008	1.01008	0.000308981	0.603402	-1.65727	0.143268	0.873094	-1.14535	0.44462	1.06955	1.06955	5.7057	0.67267	0.104795	1
cg27161463	0.612062	0.94722	-1.05572	0.000232354	0.523299	-1.91095	0.784768	0.971391	-1.02945	0.325455	0.897938	-1.11366	5.50248	0.979695	0.158263	1
cg16805553	0.82853	1.17656	1.17656	0.0731643	0.22359	-4.47247	0.0923747	0.249448	-4.00886	0.0309594	0.149738	-6.67833	4.41312	39.2744	7.91063	1
cg19259082	0.865272	0.967087	-1.03403	0.655738	0.915368	-1.09246	0.290358	0.805526	-1.24143	0.138192	0.730092	-1.36969	8.7108	5.35831	0.546786	1
cg23037321	0.0137571	0.176052	-5.68013	0.000363843	0.0384458	-26.0106	0.00073864	0.053757	-18.6022	0.000553676	0.0470312	-21.2625	15.5724	80.2189	4.57899	1
cg19226370	0.0351775	0.632999	-1.57978	0.00670214	0.519224	-1.92595	0.431792	0.861109	-1.16129	0.0170075	0.581363	-1.72009	5.31118	2.92195	0.489023	1
cg06961313	0.0125217	1.60982	1.60982	0.0182788	1.55122	1.55122	0.823603	0.966357	-1.03481	0.679426	1.06577	1.06577	5.18787	1.93044	0.330762	1
cg22450342	0.596204	1.13942	1.13942	0.531838	1.16715	1.16715	0.0360944	1.81291	1.81291	0.277789	0.759218	-1.31714	3.8493	3.6317	0.83864	1
cg17575960	0.114735	1.22963	1.22963	3.95E-05	0.387703	-2.57929	0.599949	0.938215	-1.06585	0.00672103	1.5274	1.5274	13.1873	3.03323	0.204454	1
cg02204845	0.0186315	0.319639	-3.12853	0.00345339	0.204369	-4.89311	0.280852	1.56554	1.56554	0.104252	0.491539	-2.03443	6.80692	17.2393	2.25121	1
cg08327884	0.234761	0.656839	-1.52244	0.111786	0.557401	-1.79404	0.0120669	2.87593	2.87593	0.928453	0.970146	-1.03077	6.64729	11.9911	1.60347	1
cg02129814	0.645776	1.20841	1.20841	0.00159458	0.156774	-6.3786	0.401764	1.42052	1.42052	0.0262558	0.34018	-2.93962	4.38526	11.6201	2.35539	1
cg11802469	0.46098	0.727797	-1.37401	0.00217964	0.162007	-6.17259	0.212906	0.573878	-1.74253	0.018045	0.296408	-3.37373	4.06299	11.532	2.52293	1
cg15411280	0.147666	0.748731	-1.33559	0.0469691	0.654692	-1.52744	0.331156	0.829623	-1.20537	0.0224244	0.600781	-1.6645	3.51227	1.93035	0.488536	1
cg21361470	0.751278	0.860651	-1.16191	0.00282789	0.143621	-6.96279	0.222196	0.545827	-1.83208	0.280895	0.58923	-1.69713	3.462	12.2119	3.13548	1
cg05797276	0.198982	0.559015	-1.78886	0.00477457	0.200847	-4.97891	0.134582	0.500933	-1.99628	0.0977483	0.459118	-2.17809	3.39643	9.87658	2.58483	1
cg03951121	0.0651445	1.3541	1.3541	0.00043211	2.25918	2.25918	0.223224	0.829146	-1.20606	0.85519	1.02711	1.02711	14.3138	4.85874	0.301728	1
cg24158916	0.000568756	0.176639	-5.66127	0.0133209	0.369399	-2.7071	0.423841	0.766985	-1.30381	0.0594601	0.501106	-1.99559	7.26435	12.1355	1.48494	1
cg14192207	0.17759	0.768372	-1.30145	0.00563793	1.95048	1.95048	0.920999	0.981923	-1.01841	0.685244	1.07781	1.07781	3.87963	2.07782	0.476064	1
cg24082440	0.139825	0.426	-2.34742	0.0143469	0.197616	-5.06032	0.911143	0.941801	-1.0618	0.0360161	0.269823	-3.70613	3.39543	15.5146	4.06156	1
cg13618111	0.0105589	1.6021	1.6021	0.238691	1.19819	1.19819	0.559764	0.91722	-1.09025	0.938186	0.9887	-1.01143	3.69794	1.25733	0.30223	1
cg15320001	0.00042184	0.266198	-3.7566	0.025431	0.533027	-1.87608	1.48E-05	0.118686	-8.42558	0.00840043	0.450471	-2.2199	21.902	19.4636	0.789928	1
cg22907952	0.00218606	0.294229	-3.39871	0.206478	0.684317	-1.46131	0.838415	0.943529	-1.05985	0.00501239	0.34749	-2.87778	5.93812	7.6221	1.14097	1
cg08813099	0.395779	0.819036	-1.22095	0.189203	0.726681	-1.37612	0.0843208	1.55013	1.55013	0.00232741	2.65384	2.65384	5.74272	4.79244	0.741799	1
cg01289561	0.052695	0.776018	-1.28863	0.444204	0.914107	-1.09396	0.662379	1.05189	1.05189	0.251028	0.871026	-1.14807	5.51505	1.15785	0.186617	1
cg09698395	0.379097	1.18702	1.18702	0.00687741	0.514329	-1.94428	0.116001	1.38345	1.38345	0.410504	0.85222	-1.17341	4.85379	2.77523	0.508236	1
cg03044239	0.230779	1.1552	1.1552	0.433455	0.91235	-1.09607	0.98866	1.00163	1.00163	0.0799499	1.24979	1.24979	3.58267	0.74733	0.185418	1
cg07386868	0.274674	0.823214	-1.21475	0.963514	1.00786	1.00786	0.050626	0.683014	-1.4641	0.158888	0.772798	-1.294	11.5951	5.38012	0.412445	1
cg13068915	0.276212	1.11081	1.11081	1.55E-05	0.436388	-2.29154	0.0814758	0.835959	-1.19623	0.0136545	1.32716	1.32716	35.6991	4.86761	0.121201	1
cg10928866	8.73E-05	0.184914	-5.40791	0.000371636	0.255024	-3.9212	0.264705	1.32166	1.32166	0.0106407	0.462767	-2.16091	13.7605	12.5442	0.810321	1
cg09689317	0.00622303	0.301034	-3.32189	0.113797	0.560367	-1.78454	0.0568422	0.48405	-2.0659	0.0620168	0.492956	-2.02858	12.3024	22.0789	1.59528	1
cg05651778	0.622174	0.856542	-1.16749	0.00354553	0.291659	-3.42866	0.000709251	4.99381	4.99381	0.31245	0.721983	-1.38507	10.8025	16.6293	1.36835	1
cg14311523	8.64E-05	0.204414	-4.89204	0.06054	1.61094	1.61094	0.0574345	0.616196	-1.62286	0.102552	0.668642	-1.49557	9.9228	7.97812	0.714684	1
cg23500559	0.00631647	0.557586	-1.79344	0.0187263	1.59672	1.59672	0.871978	1.02684	1.02684	0.00342521	0.52041	-1.92156	9.47182	4.04714	0.379807	1
cg24414089	0.00456547	0.67869	-1.47343	0.470532	0.927434	-1.07824	0.775897	0.971136	-1.02972	0.464864	1.07932	1.07932	7.20272	1.20135	0.148259	1
cg08863844	0.0688946	0.760707	-1.31457	0.403375	0.891471	-1.12174	0.0420154	0.729939	-1.36998	0.0129227	1.51375	1.51375	6.03921	1.72642	0.254105	1
cg22561647	0.00250546	0.143991	-6.9449	0.438142	1.44057	1.44057	0.910105	0.949203	-1.05352	0.180005	0.518284	-1.92944	5.77036	19.4708	2.99937	1
cg14323199	0.14574	0.80211	-1.24671	0.00431588	0.583516	-1.71375	0.432475	0.893065	-1.11974	0.47723	1.10741	1.10741	5.09939	1.60975	0.280599	1
cg00743269	0.00420942	0.244706	-4.08653	0.671803	1.16943	1.16943	0.34402	0.699079	-1.43045	0.177776	0.590978	-1.69211	4.91823	10.507	1.89897	1
cg19683251	0.00650024	0.277847	-3.5991	0.418663	0.741402	-1.3488	0.797599	0.911148	-1.09752	0.332401	0.696248	-1.43627	4.66046	9.67632	1.84556	1
cg21768884	0.787217	0.952185	-1.05022	0.996711	1.00075	1.00075	0.0273325	1.60453	1.60453	0.476255	1.14016	1.14016	4.19577	2.17926	0.461685	1
cg00953825	0.113315	1.20681	1.20681	0.00277172	1.5685	1.5685	0.122161	0.832973	-1.20052	0.435253	0.916825	-1.09072	4.18837	0.789366	0.167526	1
cg11752320	0.0609861	0.57161	-1.74945	0.686216	1.11357	1.11357	0.0444449	0.542619	-1.84291	0.100353	0.620779	-1.61088	4.13624	4.59551	0.987587	1
cg14690510	0.98114	1.00498	1.00498	0.00183931	2.53544	2.53544	0.108912	1.44438	1.44438	0.2275	1.30529	1.30529	3.81048	2.66906	0.622624	1
cg09361470	0.410402	0.878273	-1.1386	0.427068	0.882467	-1.13319	0.543238	1.09953	1.09953	0.60663	0.923042	-1.08337	3.80432	1.43243	0.33469	1
cg16200799	0.145059	0.618071	-1.61794	0.0663058	0.530863	-1.88372	0.865616	1.05346	1.05346	0.962827	0.985773	-1.01443	3.69652	5.53421	1.33079	1
cg01022859	0.769941	0.953133	-1.04917	0.00345178	1.91551	1.91551	0.451436	0.881984	-1.13381	0.679266	0.93421	-1.07042	3.57732	1.51793	0.377173	1
cg24630209	0.58753	1.09901	1.09901	0.00438283	1.92691	1.92691	0.386233	0.858029	-1.16546	0.211496	0.796993	-1.25472	3.51285	1.65328	0.418345	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02963164	MRC2;MRC2	0.0143526	0.226036	1.22793	1.22793	0.359846	0.858943	-1.16422	0.504013	1.11574	1.11574	0.742	0.948041	-1.05481	0.00340478	0.52575	-1.90204
cg08591668	MRE11A;MRE11A	0.00454058	0.262475	0.633247	-1.57916	0.00584203	4.1013	4.1013	0.00498528	4.27769	4.27769	0.0506916	2.38859	2.38859	0.237783	0.616557	-1.62191
cg09446910	MRE11A;MRE11A	0.0334655	0.0302559	0.463306	-2.1584	0.0251031	0.447246	-2.23591	0.168688	0.642145	-1.55728	0.106931	0.587704	-1.70154	0.00241692	0.279187	-3.58182
cg09896315	MRE11A;MRE11A	0.0339233	0.237539	1.20958	1.20958	0.0828073	0.744242	-1.34365	0.0145155	0.62936	-1.58892	0.981018	0.996348	-1.00367	0.0173188	1.56163	1.56163
cg07795790	MRE11A;MRE11A;ANKRD49	0.00034341	0.00228978	0.507675	-1.96976	0.138106	1.28899	1.28899	0.434973	0.881041	-1.13502	0.645572	1.07641	1.07641	0.081123	1.35997	1.35997
cg24848557	MRE11A;MRE11A;ANKRD49	0.0412477	0.0390231	0.230698	-4.33467	0.69989	1.26178	1.26178	0.502484	1.5056	1.5056	0.00679378	0.111416	-8.97536	?	?	?
cg14152411	MRE11A;MRE11A;ANKRD49;ANKRD49	2.02E-07	0.0251954	1.41225	1.41225	0.0166415	0.68444	-1.46105	0.0634706	1.31076	1.31076	0.00636379	1.58488	1.58488	0.0641366	0.763561	-1.30965
cg26262057	MRE11A;MRE11A;ANKRD49;MRE11A;MRE11A	0.00366934	0.00409232	1.35678	1.35678	0.0905972	1.15914	1.15914	0.584841	1.04466	1.04466	0.186717	0.895069	-1.11723	0.196487	0.897478	-1.11423
cg17514420	MRE11A;MRE11A;ANKRD49;MRE11A;MRE11A	0.0121271	0.977491	0.995798	-1.00422	0.0539053	1.38631	1.38631	0.0984675	0.763014	-1.31059	0.991651	0.998439	-1.00156	0.256948	0.838112	-1.19316
cg22877504	MREG	0.00292195	0.00878269	0.343426	-2.91183	0.795678	1.08666	1.08666	0.167417	0.624195	-1.60206	0.900089	0.960572	-1.04105	0.000264191	0.146703	-6.81647
cg02149880	MREG	0.00436414	0.523185	1.0473	1.0473	0.522867	1.04733	1.04733	0.959764	1.00361	1.00361	0.344721	1.07198	1.07198	0.585874	1.04007	1.04007
cg12620499	MREG	0.0132296	0.45292	0.697978	-1.43271	0.848356	1.09358	1.09358	0.0552418	0.345184	-2.897	0.0351569	0.297038	-3.36657	0.0726922	0.377551	-2.64865
cg23550034	MREG	0.0221124	0.0848722	0.380787	-2.62614	0.0636728	0.347703	-2.87602	0.151191	0.458698	-2.18008	0.047128	0.31628	-3.16175	0.00152101	0.0989319	-10.108
cg13314979	MREG	0.0248332	0.242959	0.937252	-1.06695	0.439573	0.959054	-1.04269	0.0119574	1.18095	1.18095	0.442138	1.04244	1.04244	0.01407	1.17441	1.17441
cg21953025	MREG	0.0353554	0.058252	0.724404	-1.38044	0.283074	0.845339	-1.18296	0.624278	0.928333	-1.0772	0.470807	1.11685	1.11685	0.00240618	0.528933	-1.8906
cg24989534	MREG	0.0396342	0.838712	0.97035	-1.03056	0.174182	0.807761	-1.23799	0.0680618	0.739506	-1.35225	0.180823	0.810712	-1.23348	0.120761	0.779966	-1.28211
cg27305304	MREG;MREG	0.0243969	0.877967	0.986396	-1.01379	0.549845	0.947493	-1.05542	0.225841	0.892814	-1.12005	0.321913	0.912818	-1.09551	0.42035	0.92924	-1.07615
cg18277815	MRFAP1	0.000538196	0.0633564	0.46985	-2.12834	0.0262273	0.385234	-2.59582	0.209281	0.619555	-1.61406	0.27838	1.50343	1.50343	0.000403817	0.130721	-7.64986
cg25779063	MRFAP1	0.00157338	0.0703239	0.698812	-1.431	0.914992	0.981262	-1.0191	0.0162314	0.594049	-1.68336	0.31158	1.20377	1.20377	7.75E-05	0.281535	-3.55196
cg16057201	MRFAP1	0.00248539	0.0143293	0.340737	-2.93482	?	?	?	0.00761737	0.294204	-3.39901	0.0929969	1.93278	1.93278	0.760767	1.11504	1.11504
cg13350940	MRFAP1	0.00524896	0.873707	0.98313	-1.01716	0.105431	1.20828	1.20828	0.0278751	1.32042	1.32042	0.656672	1.04901	1.04901	0.00340633	0.653296	-1.5307
cg20872579	MRFAP1	0.00584716	0.0812289	0.726147	-1.37713	0.468374	1.12991	1.12991	0.146943	0.772832	-1.29394	0.615026	1.08757	1.08757	0.178076	1.26732	1.26732
cg26373541	MRFAP1	0.021493	0.789226	0.90754	-1.10188	0.754422	1.12034	1.12034	0.416318	1.35097	1.35097	0.292507	1.48506	1.48506	0.00474843	0.257205	-3.88794
cg24973420	MRFAP1L1	0.00133402	0.00709854	0.580116	-1.72379	0.0602715	1.39338	1.39338	0.0128533	1.62198	1.62198	0.000709005	0.445928	-2.24251	0.320725	1.17424	1.17424
cg07780086	MRFAP1L1	0.0112161	0.0440271	1.39249	1.39249	0.159307	1.24011	1.24011	0.050743	1.37504	1.37504	0.0443304	1.39165	1.39165	0.0137965	1.54575	1.54575
cg12867319	MRFAP1L1	0.0185242	0.227066	0.767508	-1.30292	0.0342613	1.67425	1.67425	0.00680937	2.07826	2.07826	0.463153	1.16861	1.16861	0.133905	0.713702	-1.40115
cg04884618	MRFAP1L1	0.0312417	0.65154	1.1003	1.1003	0.0453169	1.62048	1.62048	0.0442029	1.62575	1.62575	0.130639	1.40942	1.40942	0.468805	0.856455	-1.1676
cg02311456	MRFAP1L1	0.0486811	0.115137	0.556522	-1.79688	0.189927	0.621914	-1.60794	0.847327	0.936186	-1.06816	0.396772	1.34563	1.34563	0.0665058	0.494614	-2.02178
cg16659728	MRGPRD	1.31E-06	0.110014	0.809709	-1.23501	0.00848466	0.665549	-1.50252	2.81E-06	0.2567	-3.8956	0.000190319	0.466687	-2.14277	1.95E-05	0.35016	-2.85584
cg11903239	MRGPRD	0.00203827	0.0187426	0.510599	-1.95848	0.0083884	0.451735	-2.21369	9.66E-05	0.194639	-5.13771	0.206634	0.73029	-1.36932	0.00303112	0.383392	-2.6083
cg12729518	MRGPRD	0.00370787	0.00379653	0.346547	-2.88561	0.148169	0.656376	-1.52352	0.000510705	0.229243	-4.36218	0.00121194	0.276406	-3.61787	0.00683294	0.38637	-2.58819
cg10791422	MRGPRD	0.00441852	0.362581	1.37564	1.37564	0.0011569	0.196557	-5.08758	0.0188783	0.37938	-2.63588	0.644772	0.853664	-1.17142	0.00230582	0.234247	-4.26899
cg20791323	MRGPRD	0.00928518	0.00192141	0.579457	-1.72575	0.518273	1.08478	1.08478	0.00659147	0.645123	-1.55009	0.0901916	0.792937	-1.26113	0.209269	1.17872	1.17872
cg15910594	MRGPRD	0.0104128	0.497671	1.18929	1.18929	0.00452232	2.59257	2.59257	0.00247954	0.346769	-2.88376	0.226634	0.726404	-1.37665	0.180871	0.699261	-1.43008
cg23683010	MRGPRE	0.00205465	0.175721	0.437057	-2.28803	0.133948	2.53243	2.53243	0.640539	0.763112	-1.31042	0.122334	0.381907	-2.61844	0.00109107	0.0626586	-15.9595
cg16405908	MRGPRE	0.002571	0.0927364	0.438161	-2.28227	0.022101	3.40137	3.40137	0.495219	0.734235	-1.36196	0.1096	0.459273	-2.17735	0.00124543	0.121961	-8.19935
cg16023896	MRGPRE	0.00338337	0.155491	0.806763	-1.23952	0.00125641	1.94534	1.94534	0.00271549	0.557094	-1.79503	0.023378	0.682003	-1.46627	0.429634	1.12064	1.12064
cg09591542	MRGPRE	0.00406512	0.52521	1.06468	1.06468	0.764362	1.0297	1.0297	0.00499835	0.696545	-1.43566	0.190459	1.1445	1.1445	0.573033	0.946072	-1.057
cg25845326	MRGPRE	0.00735817	0.746078	0.905041	-1.10492	0.153817	0.625694	-1.59823	0.00557384	0.326928	-3.05878	0.00791857	0.351406	-2.84571	0.000924729	0.218868	-4.56897
cg16851282	MRGPRE	0.00899826	0.738082	0.847423	-1.18005	0.105897	2.3899	2.3899	0.556469	0.745708	-1.34101	0.0941679	0.403413	-2.47885	0.00343739	0.140804	-7.10207
cg00234998	MRGPRE	0.0114269	0.0103536	2.65629	2.65629	0.0057046	2.99391	2.99391	0.255175	1.43242	1.43242	0.112002	1.68794	1.68794	0.0882497	0.566087	-1.76651
cg02475301	MRGPRE	0.0447277	0.727211	0.856207	-1.16794	0.13241	2.05397	2.05397	0.225385	0.568699	-1.7584	0.556087	0.76803	-1.30203	0.0102936	0.23853	-4.19234
cg11633280	MRGPRE	0.0454544	0.629385	0.893906	-1.11869	0.00968816	0.47008	-2.1273	0.0234273	0.535531	-1.86731	0.546448	0.868692	-1.15116	0.855252	1.04302	1.04302
cg19912141	MRGPRE	0.0484073	0.426074	0.849295	-1.17745	0.169149	0.744969	-1.34234	0.0883016	0.685244	-1.45933	0.910468	0.977646	-1.02287	0.539783	0.882707	-1.13288
cg13016308	MRGPRE;MRGPRE	0.0445631	0.139555	0.340295	-2.93862	0.152102	2.82969	2.82969	0.657039	0.738623	-1.35387	0.140773	0.341591	-2.92747	0.0287351	0.173948	-5.74883
cg05771342	MRGPRF;MRGPRF	2.98E-05	1.79E-05	3.19212	3.19212	0.480088	0.909316	-1.09973	0.015063	0.673253	-1.48532	0.0147258	1.48818	1.48818	0.000112647	0.407193	-2.45584
cg22842048	MRGPRF;MRGPRF	0.000633994	0.0353293	0.75896	-1.31759	0.0058939	1.49999	1.49999	0.391366	0.905898	-1.10388	0.0329039	0.755186	-1.32418	0.00064086	0.554481	-1.80349
cg08205236	MRGPRF;MRGPRF	0.000861418	0.714655	0.93378	-1.07092	0.000870507	2.53961	2.53961	0.00185339	0.438495	-2.28053	0.700417	0.930404	-1.0748	0.000215548	0.315908	-3.16548
cg12642521	MRGPRF;MRGPRF	0.00173651	0.0314504	1.69719	1.69719	0.000170706	3.81718	3.81718	0.0340782	1.67949	1.67949	0.136338	1.39997	1.39997	0.0866396	1.48698	1.48698
cg12405136	MRGPRF;MRGPRF	0.0024584	0.0374596	1.92705	1.92705	0.0165499	2.21527	2.21527	0.256169	1.37993	1.37993	0.17904	1.47377	1.47377	0.0063449	2.62589	2.62589
cg03465499	MRGPRF;MRGPRF	0.00393529	0.0328307	2.35228	2.35228	0.00084255	5.58605	5.58605	0.027864	2.43627	2.43627	0.368274	1.3725	1.3725	0.0143913	2.81121	2.81121
cg13997720	MRGPRF;MRGPRF	0.0134506	0.279928	1.26737	1.26737	0.00483971	2.19966	2.19966	0.10904	1.4458	1.4458	0.870292	1.03507	1.03507	0.394082	1.20219	1.20219
cg02920396	MRGPRF;MRGPRF	0.0140314	0.433914	1.19291	1.19291	0.015548	0.519167	-1.92616	0.00313586	0.409751	-2.4405	0.31841	0.796272	-1.25585	0.00515973	0.442245	-2.26119
cg04658945	MRGPRF;MRGPRF	0.0201815	0.0954682	0.451193	-2.21635	0.00279666	5.99053	5.99053	0.907511	1.0518	1.0518	0.613715	1.24754	1.24754	0.50767	1.33916	1.33916
cg01165177	MRGPRF;MRGPRF	0.0211209	0.196729	0.782495	-1.27796	0.0144502	0.581795	-1.71882	0.506031	0.885807	-1.12891	0.25619	0.808169	-1.23736	0.00285216	0.478151	-2.09139
cg01169746	MRGPRF;MRGPRF	0.0330502	0.731058	0.827535	-1.20841	0.0506726	3.39303	3.39303	0.601813	0.749128	-1.33489	0.489683	0.680441	-1.46964	0.0377594	0.26661	-3.7508
cg25807487	MRGPRF;MRGPRF	0.0376968	0.113685	4.21839	4.21839	0.0809226	0.198176	-5.04601	0.0234053	0.103825	-9.63155	0.623367	1.5128	1.5128	0.189648	0.312881	-3.1961
cg16728846	MRGPRF;MRGPRF	0.0498373	0.0625172	0.483475	-2.06836	0.109125	1.83255	1.83255	0.0467207	0.45408	-2.20226	0.0152076	0.35571	-2.81128	0.0763218	0.504771	-1.9811
cg01738984	MRGPRG;C11orf36	4.86E-05	0.0406937	0.63974	-1.56314	0.000106855	0.274646	-3.64106	0.0240335	1.66333	1.66333	0.94714	1.01261	1.01261	4.61E-05	0.233455	-4.28348
cg08637119	MRGPRG;C11orf36	0.000869453	0.000795457	0.175719	-5.69091	0.00124765	0.198218	-5.04495	0.710431	0.879857	-1.13655	0.0322324	0.422836	-2.36498	0.00131953	0.201144	-4.97157
cg24702253	MRGPRG;C11orf36	0.000954792	0.269216	0.82746	-1.20852	0.199088	0.799839	-1.25025	0.58801	0.913906	-1.0942	0.211002	0.804993	-1.24225	0.0136164	0.605078	-1.65268
cg26462595	MRGPRG;C11orf36	0.00625496	0.960842	0.981814	-1.01852	0.00537062	0.254003	-3.93697	0.172658	1.72039	1.72039	0.964326	1.01686	1.01686	0.00763847	0.277476	-3.60392
cg24038255	MRGPRG;C11orf36	0.0115826	0.0255876	0.531835	-1.88028	0.00267821	0.372259	-2.6863	0.0731114	0.621368	-1.60935	0.0466928	0.581464	-1.7198	0.00651994	0.431029	-2.32003
cg04656692	MRGPRG;C11orf36	0.0334838	0.351752	0.821105	-1.21787	0.144868	0.724663	-1.37995	0.087346	0.67827	-1.47434	0.00396212	0.450698	-2.21878	0.0836371	0.674486	-1.48261
cg23001457	MRGPRX1	0.000685415	0.000904778	0.460521	-2.17145	0.127102	1.29395	1.29395	0.783327	0.957861	-1.04399	0.828414	0.966667	-1.03448	7.78E-05	0.327307	-3.05523
cg23375282	MRGPRX1	0.0209468	0.00793716	0.341636	-2.9271	0.270918	0.69653	-1.43569	0.00677357	0.330454	-3.02614	0.0316744	0.4517	-2.21386	0.0149563	0.389057	-2.57032
cg09346831	MRGPRX1	0.0281316	0.0271297	0.267637	-3.73641	0.110296	0.41602	-2.40373	0.151385	0.460847	-2.16992	0.168964	0.477804	-2.09291	0.00156758	0.101338	-9.86799
cg02109086	MRGPRX2	0.00131012	0.000202856	0.503561	-1.98586	0.289524	0.885993	-1.12868	0.0499138	0.781758	-1.27917	0.00736866	0.683702	-1.46263	0.0395825	0.769458	-1.29962
cg13062935	MRGPRX2	0.0048805	0.0833955	0.601485	-1.66255	0.16878	0.677777	-1.47541	0.00173505	0.305767	-3.27047	0.00107386	0.277647	-3.60169	0.00351189	0.349897	-2.85799
cg25288433	MRGPRX3	0.000648357	0.00121729	0.521592	-1.91721	0.139898	1.24404	1.24404	0.00047855	0.470692	-2.12453	4.36E-05	0.344284	-2.90458	0.0166022	0.668854	-1.4951
cg07656579	MRGPRX3	0.00322183	0.00118688	0.221221	-4.52038	0.0159188	0.391841	-2.55206	0.00378865	0.289515	-3.45406	0.113326	0.578776	-1.72778	0.00118712	0.221231	-4.52016
cg05304057	MRGPRX3	0.0081808	0.241672	0.604602	-1.65398	0.133437	0.514454	-1.94381	0.549507	0.77986	-1.28228	0.715488	0.860448	-1.16219	0.000803831	0.125327	-7.97913
cg09691574	MRGPRX4	4.71E-05	0.0773303	0.789448	-1.26671	0.0902764	1.25201	1.25201	1.44E-06	0.22884	-4.36987	0.938424	0.990741	-1.00935	4.11E-05	0.390034	-2.56388
cg16010467	MRGPRX4	0.000202139	0.5474	0.912493	-1.0959	0.381842	1.14442	1.14442	0.895234	1.02001	1.02001	0.553376	0.913766	-1.09437	3.51E-06	0.194037	-5.15365
cg16446783	MRGPRX4	0.0200911	0.0112759	0.129428	-7.72629	0.0744979	0.278038	-3.59663	0.0833928	0.29096	-3.4369	0.122475	0.340225	-2.93923	0.00856418	0.115271	-8.67523
cg21033675	MRGPRX4	0.0312287	0.188371	0.752911	-1.32818	0.566948	0.888834	-1.12507	0.0112709	0.523948	-1.90858	0.0311235	0.597419	-1.67387	0.0035859	0.447913	-2.23257
cg18631292	MRI1;MRI1	1.06E-06	0.320254	1.13905	1.13905	5.99E-07	5.70343	5.70343	1.45E-06	4.72213	4.72213	0.00178213	1.75733	1.75733	0.111402	0.80266	-1.24586
cg27143605	MRI1;MRI1	1.90E-05	0.000176658	0.54733	-1.82705	0.000534074	1.66685	1.66685	0.0197836	1.30575	1.30575	0.00015595	1.84728	1.84728	0.000923756	0.625583	-1.59851
cg01530988	MRI1;MRI1	7.23E-05	0.10064	0.607722	-1.64549	4.74E-05	8.35632	8.35632	0.000131789	6.27843	6.27843	0.00215537	3.29693	3.29693	0.0634403	1.78252	1.78252
cg16188681	MRI1;MRI1	0.000252847	0.066295	1.5848	1.5848	1.22E-05	7.87645	7.87645	0.000462873	3.42661	3.42661	0.174374	1.38126	1.38126	0.557921	1.14164	1.14164
cg25417344	MRI1;MRI1	0.000417767	0.000375769	0.0382268	-26.1597	0.002979	10.3751	10.3751	0.00409634	9.12693	9.12693	0.0472904	3.68031	3.68031	0.851555	0.898033	-1.11354
cg22583444	MRI1;MRI1	0.000997801	0.00373219	0.350509	-2.85299	0.000931315	0.266367	-3.75422	0.031576	0.509259	-1.96364	0.110103	0.627403	-1.59387	0.00115923	0.278773	-3.58715
cg24115922	MRI1;MRI1	0.00193909	0.354014	1.66759	1.66759	0.00207609	10.2245	10.2245	0.00343458	8.4272	8.4272	0.121909	2.45751	2.45751	0.792588	1.1518	1.1518
cg24025995	MRI1;MRI1	0.00286893	0.686071	0.922586	-1.08391	0.000428167	3.02049	3.02049	0.0156674	1.79933	1.79933	0.472306	1.156	1.156	0.237025	1.27845	1.27845
cg20555481	MRI1;MRI1	0.00503327	0.730393	0.874784	-1.14314	0.00121101	6.24887	6.24887	0.00340451	4.66193	4.66193	0.0791101	2.12531	2.12531	0.654489	1.1903	1.1903
cg16166462	MRI1;MRI1	0.01954	0.288317	0.589183	-1.69727	0.0159615	4.12052	4.12052	0.0306336	3.38325	3.38325	0.118034	2.25808	2.25808	0.286234	1.70146	1.70146
cg00469630	MRI1;MRI1	0.0195787	0.133054	0.897609	-1.11407	0.147606	0.901624	-1.10911	0.0147196	0.818637	-1.22154	0.197886	1.09495	1.09495	0.102568	0.887749	-1.12644
cg08577727	MRI1;MRI1	0.0250009	0.150988	0.514708	-1.94285	0.011289	3.93314	3.93314	0.0599035	2.49955	2.49955	0.177783	1.85526	1.85526	0.358132	0.665106	-1.50352
cg06452642	MRI1;MRI1	0.0434861	0.452042	0.769745	-1.29913	0.0173339	2.76958	2.76958	0.0350438	2.356	2.356	0.334065	1.40627	1.40627	0.853759	0.939078	-1.06487
cg14323608	MRI1;MRI1;CCDC130	0.000138555	0.345312	0.825718	-1.21107	3.19E-06	0.113673	-8.79716	0.902597	1.02442	1.02442	0.056453	1.53037	1.53037	0.601351	1.10945	1.10945
cg23270359	MRI1;MRI1;MRI1;MRI1	0.00931304	0.48282	0.681499	-1.46735	0.00526278	7.23064	7.23064	0.0130397	5.23805	5.23805	0.0238268	4.26319	4.26319	0.612169	1.31636	1.31636
cg17953633	MRM1	1.51E-05	0.262675	1.25424	1.25424	0.0981437	1.42178	1.42178	2.89E-05	0.203376	-4.917	0.0179676	0.572509	-1.7467	0.00645033	0.503022	-1.98799
cg22272508	MRM1	0.000854805	0.914698	1.02637	1.02637	0.911709	0.973415	-1.02731	0.699289	1.09888	1.09888	0.950165	1.0153	1.0153	1.73E-05	0.117756	-8.49212
cg04822018	MRM1	0.00374028	0.00119274	0.295387	-3.38539	0.00364875	0.364393	-2.74429	0.000329273	0.225598	-4.43267	0.562099	0.860291	-1.1624	0.0186901	0.481066	-2.07871
cg06419964	MRM1	0.00565621	0.0126	0.315109	-3.1735	0.0950248	0.505138	-1.97966	0.283322	1.51432	1.51432	0.0698076	0.470106	-2.12718	0.00139314	0.178318	-5.60794
cg23716696	MRM1	0.0450579	0.449301	1.31254	1.31254	0.00315019	0.240878	-4.15147	0.267295	1.50328	1.50328	0.259087	1.51486	1.51486	0.324955	0.698689	-1.43125
cg13261938	MRM1;DHRS11	0.00259807	0.00477654	0.363306	-2.7525	0.000410313	0.219455	-4.55673	0.945715	0.981763	-1.01858	0.335399	1.30801	1.30801	0.00106355	0.270415	-3.69802
cg17334103	MRO	0.0400104	0.566258	0.779101	-1.28353	0.0583122	0.398069	-2.51213	0.0585701	0.39854	-2.50916	0.642243	0.817569	-1.22314	0.0045922	0.197046	-5.07496
cg25151836	MRO;MRO;MRO;MRO	0.00215838	0.0368058	0.628233	-1.59177	0.000886733	2.59748	2.59748	0.855005	0.965549	-1.03568	0.0308774	0.615197	-1.6255	0.0139014	0.558536	-1.7904
cg07811160	MRO;MRO;MRO;MRO	0.00273414	0.0276312	0.565481	-1.7684	0.00039384	0.290576	-3.44144	0.540644	0.873199	-1.14521	0.619693	1.11574	1.11574	0.0250881	0.558044	-1.79197
cg17133762	MRO;MRO;MRO;MRO	0.0123343	0.00427011	0.391573	-2.55381	0.562629	0.866273	-1.15437	0.439646	1.21324	1.21324	0.339322	0.785421	-1.2732	0.425975	0.819247	-1.22063
cg05872758	MRO;MRO;MRO;MRO	0.0435761	0.172408	0.466755	-2.14245	0.00151543	0.0910187	-10.9867	0.0199959	0.22925	-4.36204	0.762101	0.852748	-1.17268	0.11287	0.404388	-2.47287
cg20398928	MRO;MRO;MRO;MRO;MRO;MRO;MRO	0.00497462	0.0537747	0.685817	-1.45811	0.00747443	1.80962	1.80962	0.0580069	1.44634	1.44634	0.0322092	1.54035	1.54035	0.391649	0.859717	-1.16317
cg23352145	MRP63;SKA3;SKA3	1.04E-05	0.000320154	0.245414	-4.07475	0.24592	0.746242	-1.34005	0.412872	0.817152	-1.22376	9.72E-08	0.0152259	-65.6777	0.202683	0.722962	-1.3832
cg01930676	MRPL1	0.0106972	0.828271	0.909577	-1.09941	0.00156897	0.137847	-7.25442	0.0258858	0.315386	-3.17071	0.0990656	2.20096	2.20096	0.0183775	0.287041	-3.48382
cg16785953	MRPL1	0.0438566	0.587775	1.19952	1.19952	0.0513894	0.478412	-2.09025	0.0125761	0.356443	-2.8055	0.275856	1.4576	1.4576	0.0735194	1.94106	1.94106
cg03924111	MRPL10;LRRC46	0.00534512	0.161711	0.428948	-2.33128	0.0462316	3.69975	3.69975	0.887515	0.923701	-1.0826	0.714345	1.22908	1.22908	0.316425	1.7927	1.7927
cg23466001	MRPL10;LRRC46	0.0126766	0.0776514	0.614039	-1.62856	0.0295599	0.528809	-1.89104	0.0120236	0.458874	-2.17925	0.33711	0.781839	-1.27904	0.02639	0.519561	-1.9247
cg05709655	MRPL10;LRRC46	0.0221709	0.705833	0.89615	-1.11588	0.000545966	0.211566	-4.72666	0.545033	1.19377	1.19377	0.531622	1.20107	1.20107	0.928823	1.02617	1.02617
cg13454770	MRPL10;LRRC46;LRRC46	0.012052	0.473005	1.06068	1.06068	0.572831	1.04707	1.04707	0.116115	1.14779	1.14779	0.894706	1.01075	1.01075	0.295417	1.09153	1.09153
cg19307090	MRPL11;MRPL11;MRPL11	0.00124629	0.000349553	0.12899	-7.75256	0.0628628	0.474415	-2.10786	0.0173063	0.355964	-2.80927	0.190548	0.610252	-1.63867	0.000119181	0.090909	-11
cg09205384	MRPL11;MRPL11;MRPL11	0.00890877	0.68851	0.917458	-1.08997	0.75758	1.06843	1.06843	0.058308	0.632925	-1.57997	0.936342	1.01722	1.01722	0.745857	0.932839	-1.072
cg16564534	MRPL11;MRPL11;MRPL11	0.0102752	0.340247	0.616459	-1.62217	0.484661	0.705013	-1.41841	0.017036	0.238866	-4.18644	0.0686334	0.366707	-2.72697	0.0354212	0.299531	-3.33855
cg01368415	MRPL11;MRPL11;MRPL11	0.0127749	0.00528134	0.163512	-6.11577	0.117049	0.432393	-2.31271	0.0241856	0.266196	-3.75663	0.727077	0.841518	-1.18833	0.00173395	0.110797	-9.0255
cg15115797	MRPL11;MRPL11;MRPL11	0.0338205	0.88	1.0132	1.0132	0.181019	1.13124	1.13124	0.471599	1.06565	1.06565	0.0451556	1.22088	1.22088	0.557819	1.05282	1.05282
cg10495424	MRPL11;MRPL11;MRPL11	0.0484714	0.446545	0.905846	-1.10394	0.944432	0.991155	-1.00892	0.416556	1.11163	1.11163	0.98645	1.00217	1.00217	0.504166	0.917237	-1.09023
cg27197744	MRPL11;MRPL11;MRPL11;MRPL11;MRPL11;MRPL11	0.0378517	0.0313184	0.805988	-1.24071	0.681835	1.03582	1.03582	0.0170057	0.779974	-1.28209	0.0532557	0.829026	-1.20623	0.266887	0.905951	-1.10381
cg18950002	MRPL12	2.11E-05	0.840395	1.01752	1.01752	2.68E-06	2.64517	2.64517	0.176578	1.1317	1.1317	0.80959	1.02101	1.02101	0.0504219	1.21172	1.21172
cg02397428	MRPL12	0.00104063	0.971611	1.0148	1.0148	0.747636	0.875238	-1.14255	0.187651	0.56193	-1.77958	0.386255	0.693065	-1.44287	1.34E-05	0.0232682	-42.9772
cg17559031	MRPL12	0.00200088	0.210163	1.32668	1.32668	0.904861	1.02593	1.02593	0.766278	1.06589	1.06589	0.289999	0.790508	-1.26501	7.01E-05	0.211522	-4.72764
cg12691373	MRPL12	0.0021984	0.00598111	0.404967	-2.46934	0.652488	1.1208	1.1208	0.0259645	1.94442	1.94442	0.189759	0.705095	-1.41825	0.000200349	0.207956	-4.80871
cg08657161	MRPL12	0.00685975	0.000536981	0.305926	-3.26877	0.0378109	0.588762	-1.69848	0.95194	0.986831	-1.01334	0.677162	1.09646	1.09646	0.00466672	0.43721	-2.28723
cg12996171	MRPL12	0.0376044	0.0767574	2.28625	2.28625	0.184206	0.553352	-1.80717	0.422946	1.41036	1.41036	0.296086	1.57641	1.57641	0.019148	0.303935	-3.29017
cg15214092	MRPL12;MRPL12	0.00640365	0.488681	1.05147	1.05147	0.723203	0.974945	-1.0257	0.335751	1.07339	1.07339	0.794802	1.01877	1.01877	0.0411505	0.845264	-1.18306
cg22663117	MRPL12;MRPL12	0.0306372	0.315106	0.897591	-1.11409	0.537389	0.937109	-1.06711	0.730037	1.03669	1.03669	0.101343	0.829788	-1.20513	0.000713441	0.585069	-1.7092
cg23310975	MRPL13	0.0178974	0.451569	0.757826	-1.31956	0.273919	0.662579	-1.50925	0.0237901	0.377022	-2.65237	0.0398899	0.423672	-2.36032	0.205491	0.616986	-1.62078
cg22020299	MRPL14	0.0175343	0.0256384	0.425413	-2.35066	0.0117243	2.75975	2.75975	0.512486	1.23882	1.23882	0.43794	0.77485	-1.29057	0.00819832	0.336031	-2.97592
cg13437538	MRPL14;TMEM63B;MRPL14	0.00278198	0.006067	2.50648	2.50648	0.531104	1.17667	1.17667	0.298901	0.758749	-1.31796	0.405578	1.24383	1.24383	0.000129843	0.181843	-5.49926
cg09534232	MRPL15	0.00114976	0.000399541	0.149403	-6.69329	0.214503	0.643396	-1.55425	0.0279041	0.416132	-2.40309	0.817421	1.08117	1.08117	9.05E-05	0.0942293	-10.6124
cg06369261	MRPL15	0.00834197	0.0471282	0.673424	-1.48495	0.000403681	0.375718	-2.66157	0.243226	0.808543	-1.23679	0.00873102	0.559066	-1.7887	0.149068	1.30903	1.30903
cg16889368	MRPL15	0.0207871	0.369474	0.853517	-1.17162	0.35928	0.850457	-1.17584	0.0196594	0.616128	-1.62304	0.611166	1.09211	1.09211	0.0136965	1.68855	1.68855
cg19897251	MRPL15;MRPL15	0.00787026	0.0621558	1.3424	1.3424	0.815318	0.967723	-1.03335	0.260011	1.17911	1.17911	0.428698	0.892885	-1.11997	0.330106	1.15134	1.15134
cg12096656	MRPL15;MRPL15	0.0188526	0.0871248	0.710483	-1.40749	0.0217909	1.64572	1.64572	0.16521	1.30715	1.30715	0.80782	1.04508	1.04508	0.580483	0.903925	-1.10629
cg08066376	MRPL16	0.00932458	0.740817	1.11209	1.11209	0.0357541	2.1859	2.1859	0.266953	1.44796	1.44796	0.372976	1.34007	1.34007	0.0241947	0.423111	-2.36345
cg21441886	MRPL17	0.000545676	0.00233353	0.741968	-1.34777	6.34E-05	1.67682	1.67682	0.102809	1.13353	1.13353	0.0123018	1.24475	1.24475	0.957786	1.00372	1.00372
cg21618733	MRPL17	0.00193098	0.527337	0.950824	-1.05172	0.00215977	1.40363	1.40363	0.00177194	1.41979	1.41979	0.0619337	0.847457	-1.18	0.0461117	1.19715	1.19715
cg22844862	MRPL18	0.0277788	0.0137211	0.15981	-6.25742	0.0339763	0.225492	-4.43475	0.123286	0.366183	-2.73087	0.483788	0.651667	-1.53453	0.0116637	0.150046	-6.66461

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02963164	0.00372241	0.531078	-1.88296	0.169566	1.2666	1.2666	0.0739921	1.37936	1.37936	0.370965	0.862105	-1.15995	5.25669	2.17183	0.36725	1
cg08591668	0.0789995	0.466403	-2.14407	0.397372	0.712564	-1.40338	0.0017311	5.74067	5.74067	0.244501	0.621191	-1.60981	7.55711	18.3033	2.15289	1
cg09446910	0.240636	0.690036	-1.4492	0.189983	0.657555	-1.52079	0.550353	0.83319	-1.20021	0.013481	0.397027	-2.51872	3.93021	5.67746	1.28406	1
cg09896315	0.105757	1.31221	1.31221	0.537784	0.908519	-1.10069	0.0831071	0.744501	-1.34318	0.794213	0.960599	-1.04102	3.91102	1.46473	0.3329	1
cg07795790	0.960561	0.992168	-1.00789	6.06E-06	0.19951	-5.01227	0.426233	0.878819	-1.13789	0.190841	0.802333	-1.24636	15.8518	6.34675	0.355894	1
cg24848557	0.0231218	0.187063	-5.34579	?	?	?	0.197351	0.438443	-2.2808	0.775443	0.842282	-1.18725	4.09975	17.7911	4.33955	1
cg14152411	0.757812	0.960686	-1.04092	1.87E-09	0.0244162	-40.9565	0.696493	1.05214	1.05214	0.0145185	1.47765	1.47765	110.187	29.3438	0.23672	1
cg26262057	0.733171	1.02747	1.02747	0.000393947	1.56383	1.56383	0.00479678	1.34508	1.34508	0.0272177	1.22999	1.22999	8.0589	0.800658	0.0883118	1
cg17514420	0.157684	1.25295	1.25295	0.000800387	0.46977	-2.1287	0.125464	1.28084	1.28084	0.162243	1.24948	1.24948	5.55447	1.95995	0.313653	1
cg22877504	0.0016864	0.237541	-4.2098	0.0300694	0.441714	-2.26391	0.4724	0.791301	-1.26374	0.00251629	0.260888	-3.83307	8.62535	14.0111	1.44392	1
cg02149880	0.228539	0.913696	-1.09446	9.34E-05	0.607938	-1.6449	0.28703	1.08216	1.08216	0.0506495	1.1724	1.1724	7.64847	0.617873	0.0718079	1
cg12620499	0.426651	0.682485	-1.46523	0.00537221	6.7199	6.7199	0.0474906	3.045	3.045	0.0111117	5.06156	5.06156	7.14719	23.5238	2.19422	1
cg23550034	0.0466758	0.315322	-3.17136	0.00902852	0.186039	-5.37522	0.252245	0.545525	-1.8331	0.0255459	0.260682	-3.83609	4.54598	18.4855	3.61451	1
cg13314979	0.822014	1.01202	1.01202	0.866074	0.991088	-1.00899	0.974446	1.0017	1.0017	0.00335942	1.23568	1.23568	4.36739	0.194566	0.0395997	1
cg21953025	0.0349297	0.690545	-1.44813	0.0260036	0.671641	-1.48889	0.504098	0.902916	-1.10752	0.0787262	0.745174	-1.34197	3.85301	1.38483	0.31948	1
cg24989534	0.157258	0.799815	-1.25029	0.0011862	0.495537	-2.01801	0.930334	0.98717	-1.013	0.451954	1.11983	1.11983	3.69561	1.27659	0.307052	1
cg27305304	0.0222247	1.27676	1.27676	0.00115487	0.653359	-1.53055	0.977809	1.00248	1.00248	0.38797	1.08207	1.08207	4.39435	0.553041	0.111869	1
cg18277815	5.53E-05	0.066256	-15.093	0.00144397	0.18905	-5.2896	0.000650759	0.150881	-6.62773	0.0175925	0.351697	-2.84336	14.0013	29.0206	1.8424	1
cg25779063	0.285935	0.821748	-1.21692	0.00189353	0.458447	-2.18128	0.786645	0.953075	-1.04923	0.00240736	0.472889	-2.11466	10.3364	5.13742	0.441799	1
cg16057201	0.00502189	0.266219	-3.75631	?	?	?	0.000524223	0.145536	-6.87117	0.0905265	0.514276	-1.94448	9.50953	14.893	1.78985	1
cg13350940	0.00920095	0.702104	-1.42429	0.0015089	0.613271	-1.6306	0.960871	1.00526	1.00526	0.931118	1.00929	1.00929	7.23038	1.31002	0.161051	1
cg20872579	0.851092	1.0316	1.0316	0.000153073	0.341403	-2.92909	0.105338	1.34036	1.34036	0.636571	1.08198	1.08198	6.99461	3.03612	0.385836	1
cg26373541	0.0283555	0.391746	-2.55268	0.00843904	0.295831	-3.38031	0.756754	1.11908	1.11908	0.0336528	0.407203	-2.45577	4.59047	9.53299	1.84595	1
cg24973420	0.191043	1.24201	1.24201	0.0645711	1.38407	1.38407	0.00353002	0.538368	-1.85746	0.0159612	0.630076	-1.58711	10.8386	4.20712	0.345033	1
cg07780086	0.00372787	1.7515	1.7515	0.0152908	0.65306	-1.53125	0.480425	1.10808	1.10808	0.633023	0.933487	-1.07125	5.69666	1.84704	0.288206	1
cg12867319	0.0431867	0.615495	-1.62471	0.0190063	0.552952	-1.80848	0.588812	0.892372	-1.12061	0.872763	0.967112	-1.03401	4.82822	3.32908	0.612892	1
cg04884618	0.204481	0.75465	-1.32512	0.0190069	0.550476	-1.81661	0.160337	1.3707	1.3707	0.0312276	1.70135	1.70135	4.02826	2.81977	0.62222	1
cg02311456	0.625891	1.18304	1.18304	0.0124133	0.344873	-2.89962	0.00590915	0.291706	-3.42811	0.484946	0.784442	-1.27479	3.42267	6.34432	1.64766	1
cg16659728	0.00830438	0.664407	-1.5051	3.36E-08	0.0900372	-11.1065	0.000195568	0.4681	-2.1363	7.29E-06	0.301632	-3.3153	68.4107	15.9088	0.206709	1
cg11903239	0.0345794	0.559057	-1.78873	0.00360503	0.394596	-2.53424	0.576737	1.14232	1.14232	0.0869797	0.640169	-1.56209	9.58879	8.45671	0.783945	1
cg12729518	0.219127	0.704149	-1.42015	0.469471	0.818945	-1.22108	0.00558836	0.372441	-2.68499	0.191629	0.687151	-1.45528	8.03368	9.37304	1.03708	1
cg10791422	0.446918	0.767823	-1.30238	0.00172241	0.217774	-4.59192	0.0215715	0.390432	-2.56127	0.0309787	0.421817	-2.3707	7.61983	14.0172	1.63517	1
cg20791323	0.607559	0.937666	-1.06648	0.0241144	1.39677	1.39677	0.180003	0.837852	-1.19353	0.0869102	0.790649	-1.26478	6.0521	1.47969	0.217326	1
cg15910594	0.598717	1.14307	1.14307	0.0528853	1.74022	1.74022	0.982732	1.00546	1.00546	0.0983802	0.633549	-1.57841	5.83453	5.85869	0.89257	1
cg23683010	0.00680319	0.133206	-7.50717	0.000481409	0.0429323	-23.2925	0.00122779	0.0660165	-15.1477	0.819639	1.1403	1.1403	9.56642	50.0712	4.6525	1
cg16405908	0.00300749	0.162884	-6.13935	0.00449825	0.184645	-5.41579	0.00246803	0.152934	-6.53878	0.56991	1.29194	1.29194	8.95786	28.2301	2.80127	1
cg16023896	0.271183	0.850578	-1.17567	0.050299	1.37059	1.37059	0.0598151	0.740792	-1.34991	0.0626534	0.743815	-1.34442	8.25706	2.61016	0.280989	1
cg09591542	0.127507	1.174	1.174	0.000632221	1.6673	1.6673	0.0367318	1.26646	1.26646	0.0199741	0.760817	-1.31438	7.81435	1.17278	0.133405	1
cg25845326	0.016977	0.409016	-2.44489	0.341245	1.35142	1.35142	0.763901	0.911646	-1.09692	0.0183494	0.415264	-2.40811	6.51282	9.72704	1.32758	1
cg16851282	0.00796329	0.186713	-5.3558	0.0133479	0.220464	-4.53588	0.00412255	0.149884	-6.67182	0.650032	1.25274	1.25274	6.11275	23.5597	3.42595	1
cg00234998	0.281088	0.712558	-1.40339	0.0024955	3.56431	3.56431	0.324931	1.36002	1.36002	0.327771	1.35741	1.35741	5.66251	8.20653	1.28824	1
cg02475301	0.0495968	0.370466	-2.69931	0.348376	0.651833	-1.53414	0.00714122	0.214365	-4.66493	0.850159	0.919583	-1.08745	3.53354	10.9968	2.76633	1
cg11633280	0.116642	1.4817	1.4817	0.0451041	1.69936	1.69936	0.436503	0.832699	-1.20091	0.726704	0.922258	-1.0843	3.51228	2.95903	0.748873	1
cg19912141	0.872393	1.03283	1.03283	0.00282748	2.28523	2.28523	0.231519	1.28688	1.28688	0.368424	0.830544	-1.20403	3.42999	2.19439	0.568681	1
cg13016308	0.135505	0.335947	-2.97666	0.0400691	0.200174	-4.99566	0.00544997	0.0838527	-11.9257	0.484286	0.617611	-1.61914	3.53842	25.7598	6.47115	1
cg05771342	0.695616	0.949263	-1.05345	0.00418207	0.601594	-1.66225	0.00147257	0.54454	-1.83641	6.05E-05	2.66736	2.66736	30.5064	8.47315	0.246889	1
cg22842048	0.575186	1.06579	1.06579	0.119612	0.826922	-1.2093	0.00200828	1.63325	1.63325	0.000407655	0.531511	-1.88143	13.3765	2.68291	0.178283	1
cg08205236	0.106512	1.38938	1.38938	0.0619712	0.675601	-1.48016	0.0810188	1.43472	1.43472	0.624955	1.09628	1.09628	12.2736	6.76755	0.490125	1
cg12642521	0.288487	1.25986	1.25986	0.623932	0.901594	-1.10915	0.611817	0.89827	-1.11325	0.000174441	3.80114	3.80114	10.0458	6.99203	0.61868	1
cg12405136	0.0047818	2.76635	2.76635	0.00734743	0.391104	-2.55686	0.26377	0.728692	-1.37232	0.000884612	3.87162	3.87162	9.07673	10.6117	1.03921	1
cg03465499	0.00990893	3.05361	3.05361	0.316284	0.701186	-1.42615	0.11288	0.553635	-1.80624	0.0030472	4.01762	4.01762	7.89117	14.6716	1.65266	1
cg13997720	0.790882	1.05766	1.05766	0.03782	0.601652	-1.66209	0.966642	1.00886	1.00886	0.00134457	2.67172	2.67172	5.36996	3.78472	0.626484	1
cg02920396	0.176187	0.727829	-1.37395	0.230044	0.757144	-1.32075	0.0079571	0.471586	-2.1205	0.742006	1.07571	1.07571	5.29598	4.09361	0.687079	1
cg04658945	0.169998	1.88717	1.88717	0.0267198	0.319596	-3.12895	0.0512755	0.381217	-2.62318	0.398939	1.45534	1.45534	4.69014	14.025	2.65805	1
cg01165177	0.95373	1.01048	1.01048	0.42927	1.15604	1.15604	0.100993	0.724148	-1.38093	0.0046612	0.508573	-1.96628	4.61796	2.36179	0.454609	1
cg01169746	0.952529	1.0332	1.0332	0.0017957	0.0874269	-11.4381	0.822664	0.884124	-1.13106	0.187634	0.464807	-2.15143	3.9479	18.8216	4.23777	1
cg25807487	0.504682	0.567687	-1.76153	0.00754015	0.0563923	-17.7329	0.243208	0.360122	-2.77684	0.183995	3.25023	3.25023	3.76414	41.6996	9.8472	1
cg16728846	0.976155	1.01042	1.01042	0.0340851	0.424248	-2.35711	0.431619	0.757095	-1.32084	0.18947	0.617624	-1.61911	3.39233	6.45776	1.69212	1
cg01738984	0.00146838	0.419768	-2.38227	1.28E-05	0.17656	-5.6638	0.000277746	0.324796	-3.07885	0.000428974	0.348699	-2.86781	26.8251	15.1824	0.503092	1
cg08637119	0.00650761	0.297095	-3.36593	0.000326057	0.136224	-7.34083	0.000575027	0.160583	-6.22732	0.00642027	0.296172	-3.37641	12.2415	22.8372	1.65828	1
cg24702253	0.0639456	1.40879	1.40879	4.70E-05	0.282731	-3.53693	0.000887548	0.440582	-2.26973	0.00427095	0.533001	-1.87617	11.9218	5.11553	0.381414	1
cg26462595	0.158338	0.569073	-1.75724	0.00587273	0.259814	-3.8489	0.00182425	0.190891	-5.23859	0.0196968	0.348866	-2.86643	6.85047	15.1617	1.96732	1
cg24038255	0.0280543	0.53918	-1.85467	0.00835908	0.448325	-2.23053	0.0114046	0.470543	-2.12521	0.0185427	0.506752	-1.97335	5.63779	5.06051	0.797872	1
cg04656692	0.421425	0.844577	-1.18403	0.155183	1.36734	1.36734	0.00924124	0.50686	-1.97293	0.567969	0.888062	-1.12605	3.92943	2.63269	0.595548	1
cg23001457	0.0294466	0.669968	-1.49261	0.303373	0.846621	-1.18117	0.000981469	0.465131	-2.14993	0.00136442	0.483911	-2.0665	13.0879	5.05645	0.343418	1
cg23375282	0.0276172	0.439663	-2.27447	0.0197124	0.411216	-2.43181	0.596884	0.845013	-1.18341	0.0254023	0.43246	-2.31235	4.63104	7.30124	1.40141	1
cg09346831	0.163266	0.472423	-2.11674	0.0215832	0.24895	-4.01686	0.0910661	0.391424	-2.55478	0.0232222	0.254798	-3.92467	4.18087	16.8156	3.57514	1
cg02109086	0.00476373	0.661899	-1.51081	0.00272483	1.57722	1.57722	0.0862762	0.811663	-1.23204	0.0295162	0.754128	-1.32603	10.8949	2.09185	0.170669	1
cg13062935	0.0120415	0.435773	-2.29477	0.0251226	0.493325	-2.02706	0.0189334	0.470547	-2.12518	0.00625269	0.388622	-2.57319	7.39295	8.23827	0.990525	1
cg25288433	0.00813956	0.627697	-1.59312	0.0895078	0.773076	-1.29353	0.292561	0.860603	-1.16198	0.1939	0.827811	-1.208	13.293	3.97918	0.266083	1
cg07656579	0.0277897	0.438099	-2.28259	0.00107997	0.216171	-4.62597	0.0295072	0.443342	-2.2556	0.0185282	0.404028	-2.47508	8.37847	13.3641	1.41783	1
cg05304057	0.910767	0.955013	-1.04711	0.000632828	0.115804	-8.63527	0.133562	0.514581	-1.94333	0.032748	0.358546	-2.78904	6.29966	16.8199	2.37331	1
cg09691574	0.00271356	0.607376	-1.64643	0.0945425	0.801515	-1.24764	0.00138089	0.572108	-1.74792	0.0155934	0.699757	-1.42907	27.0475	6.20923	0.20406	1
cg16010467	0.0254404	1.49104	1.49104	0.0074325	1.67959	1.67959	0.140142	0.787629	-1.26963	0.900875	0.981432	-1.01892	18.3182	6.5632	0.318478	1
cg16446783	0.39623	0.571406	-1.75007	0.021859	0.169939	-5.88445	0.00268574	0.0690743	-14.4772	0.0321949	0.198677	-5.0333	4.69731	30.8714	5.84191	1
cg21033675	0.0500386	0.634439	-1.5762	0.317391	1.23424	1.23424	0.231862	0.774663	-1.29088	0.172813	0.744226	-1.34368	4.02885	2.64565	0.583712	1
cg18631292	0.327877	0.879825	-1.13659	0.896924	0.983703	-1.01657	1.13E-07	8.64322	8.64322	0.0899077	0.789009	-1.26741	72.3006	18.4027	0.226249	1
cg27143605	0.00495268	0.702758	-1.42296	0.00088509	0.623591	-1.60362	0.0762623	1.2056	1.2056	1.32E-05	0.420595	-2.37758	34.32	4.8844	0.126506	1
cg01530988	0.663516	0.885826	-1.12889	0.0481892	1.86888	1.86888	7.70E-06	15.1724	15.1724	0.289311	0.737408	-1.3561	24.1413	29.3258	1.07978	1
cg16188681	0.740142	0.928293	-1.07725	0.920271	0.977867	-1.02263	0.00012473	4.45805	4.45805	0.0298072	1.77107	1.77107	17.2367	13.6429	0.703558	1
cg25417344	0.725511	0.816792	-1.2243	0.0315865	4.2507	4.2507	0.000120571	47.3344	47.3344	0.225131	0.481236	-2.07798	15.019	78.3978	4.6399	1
cg22583444	0.000265717	0.201309	-4.96749	0.000277346	0.203363	-4.91731	0.0110877	0.426318	-2.34566	0.216491	0.706	-1.41643	11.7739	13.362	1.00879	1
cg24115922	0.0388912	0.277395	-3.60497	0.0202199	4.4899	4.4899	0.00016646	31.1644	31.1644	0.447678	1.51438	1.51438	9.72913	44.3154	4.04882	1
cg24025995	0.647938	0.912869	-1.09545	0.715774	0.930056	-1.0752	0.000229233	3.3654	3.3654	0.497301	1.14642	1.14642	8.67229	5.40047	0.553535	1
cg20555481	0.478479	0.756797	-1.32136	0.0802826	2.11776	2.11776	0.000797413	7.0893	7.0893	0.777337	1.11588	1.11588	7.32375	17.3472	2.10544	1
cg16166462	0.321486	0.611681	-1.63484	0.645937	0.800917	-1.24857	0.00256083	7.4441	7.4441	0.299076	0.596603	-1.67616	4.74186	17.2964	3.2423	1
cg00469630	0.581684	0.963591	-1.03778	0.102038	1.12669	1.12669	0.84233	0.986813	-1.01336	0.00205192	0.748627	-1.33578	4.73868	0.333427	0.0625448	1
cg08577727	0.178024	0.539216	-1.85455	0.0189275	0.293294	-3.40954	0.218563	1.74801	1.74801	0.24692	0.593039	-1.68623	4.35718	12.8521	2.6219	1
cg06452642	0.379642	0.734792	-1.36093	0.506875	1.25843	1.25843	0.00438211	3.89105	3.89105	0.995973	1.00172	1.00172	3.89049	6.99748	1.39892	1
cg14323608	0.000485341	0.340408	-2.93765	0.00692604	0.502313	-1.99079	0.278101	1.24884	1.24884	0.138717	0.730505	-1.36892	20.2859	12.4718	0.54649	1
cg23270359	0.902831	0.936445	-1.06787	0.188362	2.11564	2.11564	0.000831286	14.9557	14.9557	0.617274	0.76272	-1.3111	6.04633	27.6792	4.0692	1
cg17953633	0.00207762	2.31819	2.31819	6.46E-07	0.0715114	-13.9838	0.196865	1.30299	1.30299	0.0457524	0.641309	-1.55931	36.432	21.711	0.529717	1
cg22272508	0.512495	0.850983	-1.17511	0.00101714	0.306127	-3.26662	0.401723	1.23181	1.23181	0.105184	0.650463	-1.53737	12.3003	11.496	0.830763	1
cg04822018	0.0557409	0.573218	-1.74454	0.0505465	0.564347	-1.77196	0.0300878	0.519483	-1.92499	0.681297	0.899407	-1.11184	8.01271	8.36455	0.927921	1
cg06419964	0.00418821	0.239757	-4.17089	0.00473348	0.247395	-4.04212	0.0130203	0.3176	-3.14862	0.0237013	0.365953	-2.73259	7.06648	15.5096	1.95095	1
cg23716696	0.0584448	2.12594	2.12594	0.236011	1.54966	1.54966	0.864138	0.941377	-1.06227	0.657585	1.17041	1.17041	3.52383	6.94434	1.75172	1
cg13261938	0.00372314	0.346784	-2.88364	0.221771	0.706719	-1.41499	0.432564	0.805343	-1.24171	0.024635	0.485125	-2.06133	8.93025	10.3335	1.02856	1
cg17334103	0.239207	0.588222	-1.70004	0.00492001	0.201094	-4.97279	0.557755	0.774742	-1.29075	0.883372	1.06524	1.06524	3.68278	10.8111	2.6094	1
cg25151836	0.0209014	0.587009	-1.70355	0.000921055	0.3872	-2.58264	0.823309	0.958043	-1.04379	0.998381	1.00039	1.00039	9.42981	5.4859	0.517121	1
cg07811160	0.0608585	0.629678	-1.58811	0.000847203	0.333489	-2.9986	0.0013877	0.362568	-2.7581	0.237261	0.762583	-1.31133	8.79668	6.67628	0.674627	1
cg17133762	0.0367408	1.81321	1.81321	0.00219972	0.348952	-2.86573	0.0931707	0.635745	-1.57296	0.370999	1.25268	1.25268	5.52398	5.26223	0.846769	1
cg05872758	0.199843	0.491365	-2.03515	0.17971	0.473499	-2.11194	0.13086	0.42492	-2.35338	0.809736	0.881131	-1.13491	3.56813	15.555	3.87504	1
cg20398928	0.491286	1.12794	1.12794	0.000682858	0.409159	-2.44404	0.662955	0.927255	-1.07845	0.903654	1.02107	1.02107	7.35	3.4527	0.41756	1
cg23352145	0.100008	0.647447	-1.54453	0.122566	1.49718	1.49718	0.891109	0.967501	-1.03359	0.779119	1.07017	1.07017	40.1984	37.0397	0.819043	1
cg01930676	0.0805034	0.429238	-2.32971	0.0522491	0.38168	-2.62	0.00924102	0.236605	-4.22645	0.654194	0.821432	-1.21739	5.78425	17.4362	2.6795	1
cg16785953	0.310286	1.41762	1.41762	0.489351	0.791801	-1.26294	0.0416987	0.458216	-2.18238	0.314549	0.707718	-1.41299	3.5596	6.22906	1.5555	1
cg03924111	0.0218328	0.204202	-4.89711	0.000270174	0.0262318	-38.1217	0.125837	0.390554	-2.56047	0.0207951	0.200449	-4.98881	8.32529	40.5825	3.79136	1
cg23466001	0.0632913	0.594879	-1.68101	0.00825428	0.431673	-2.31657	0.0152995	2.09692	2.09692	0.330068	0.778842	-1.28396	5.47496	5.36246	0.870625	1
cg05709655	0.234119	0.697219	-1.43427	0.0335746	0.487805	-2.05	0.285006	0.725346	-1.37865	0.681923	1.12654	1.12654	4.54186	6.01412	1.17703	1
cg13454770	0.84006	1.01644	1.01644	0.000351477	0.629018	-1.58978	0.297571	1.09108	1.09108	0.0964819	1.15871	1.15871	5.56568	0.574339	0.0917271	1
cg19307090	0.00375583	0.248122	-4.03028	0.657406	1.17238	1.17238	0.00703751	0.288995	-3.46027	0.0112851	0.322804	-3.09785	11.0517	22.2204	1.7872	1
cg09205384	0.000158023	0.251226	-3.98049	0.104951	1.4605	1.4605	0.686527	0.916921	-1.09061	0.787932	0.943991	-1.05933	6.13216	4.43859	0.643398	1
cg16564534	0.00984095	0.20071	-4.98231	0.00173484	0.110935	-9.01429	0.0294387	0.283001	-3.53356	0.00218054	0.120502	-8.29865	5.85947	22.4827	3.41065	1
cg01368415	0.0716559	0.371411	-2.69243	0.856606	0.91478	-1.09316	0.0110366	0.208072	-4.80604	0.0167738	0.237545	-4.20972	5.46119	20.9746	3.41392	1
cg15115797	0.0623875	1.19978	1.19978	0.0282086	0.79851	-1.25233	0.840837	0.982692	-1.01761	0.00459637	1.38757	1.38757	3.9153	0.467553	0.106148	1
cg10495424	0.037536	0.735236	-1.36011	0.00756681	0.645395	-1.54944	0.199165	0.841216	-1.18876	0.0306536	1.38216	1.38216	3.42827	0.881991	0.228684	1
cg27197744	0.00731743	0.744328	-1.34349	0.0914796	0.853262	-1.17197	0.249938	0.902429	-1.10812	0.297504	1.09661	1.09661	3.75851	0.434016	0.102645	1
cg18950002	0.021167	0.787658	-1.26959	0.000740371	1.55469	1.55469	0.000360937	1.63665	1.63665	3.58E-06	2.55079	2.55079	33.3852	3.9217	0.104416	1
cg02397428	0.281196	0.629814	-1.58777	0.116213	2.02319	2.02319	0.199792	1.74915	1.74915	0.344316	1.49495	1.49495	11.6343	31.3961	2.39874	1
cg17559031	0.0396521	0.600942	-1.66405	0.082452	1.50947	1.50947	0.0158249	1.88279	1.88279	0.333497	0.807729	-1.23804	9.64067	6.99614	0.645058	1
cg12691373	0.00982679	0.439967	-2.2729	0.700465	0.907332	-1.10213	0.0886307	1.60407	1.60407	0.43198	1.22356	1.22356	9.37928	9.40201	0.891043	1
cg08657161	0.05124	0.613721	-1.6294	0.276155	1.28291	1.28291	0.844878	1.04402	1.04402	0.0224415	0.548017	-1.82476	6.65697	5.09968	0.680947	1
cg12996171	0.0176639	0.297474	-3.36164	0.151098	0.523966	-1.90852	0.220333	1.71833	1.71833	0.192839	0.560471	-1.78422	3.76752	10.5307	2.48456	1
cg15214092	0.00540387	1.29858	1.29858	0.000968924	0.704407	-1.41963	0.0181716	0.81494	-1.22708	0.484429	0.950566	-1.05201	6.8008	0.548358	0.0716723	1
cg22663117	0.21878	0.874128	-1.144	0.324186	1.11171	1.11171	0.835049	1.02192	1.02192	0.657031	1.04758	1.04758	4.0564	0.694993	0.152295	1
cg23310975	0.00727669	0.286057	-3.49581	0.00156642	0.193471	-5.16875	0.541959	1.25007	1.25007	0.0379924	0.419056	-2.38631	4.88451	10.112	1.84019	1
cg22020299	0.0642462	0.511528	-1.95493	0.104743	0.564605	-1.77115	0.250425	1.47284	1.47284	0.205498	0.65011	-1.5382	4.91824	8.09625	1.46326	1
cg13437538	0.353304	0.782785	-1.27749	0.345627	0.779531	-1.28282	0.40342	1.24514	1.24514	0.0533096	1.75578	1.75578	8.75167	9.11374	0.925664	1
cg09534232	0.526818	0.805413	-1.2416	0.00110315	0.197261	-5.06942	0.666144	0.86374	-1.15776	0.0209443	0.391583	-2.55374	11.3089	20.3974	1.60326	1
cg06369261	0.271076	0.819208	-1.22069	0.6206	0.916822	-1.09072	0.587491	0.909077	-1.10002	0.217955	1.25301	1.25301	6.26101	3.00353	0.426418	1
cg16889368	0.0368037	1.5171	1.5171	0.937224	0.986555	-1.01363	0.242974	1.23364	1.23364	0.0101556	1.74568	1.74568	4.64315	2.17165	0.415743	1
cg19897251	0.0874311	1.3029	1.3029	0.000320662	0.441963	-2.26263	0.084707	1.30653	1.30653	0.97139	1.00504	1.00504	6.37685	1.98601	0.276835	1
cg12096656	0.0633873	0.685404	-1.45899	0.00297629	0.478332	-2.0906	0.328493	1.20021	1.20021	0.317443	1.20561	1.20561	4.79967	2.48879	0.460918	1
cg08066376	0.128552	0.59111	-1.69173	0.012421	0.369419	-2.70695	0.617544	1.17483	1.17483	0.0016482	0.236464	-4.22897	6.04395	9.8053	1.44207	1
cg21441886	0.260607	0.920907	-1.08589	0.0027599	0.748281	-1.3364	0.0770193	1.14806	1.14806	0.827159	1.01547	1.01547	13.9477	1.08934	0.0694237	1
cg21618733	0.178536	0.893561	-1.11912	0.0160008	0.792789	-1.26137	0.00861146	0.768134	-1.30186	0.0694443	1.1734	1.1734	9.74099	0.956477	0.0872808	1
cg22844862	0.175661	0.420404	-2.37867	0.00329824	0.0899184	-11.1212	0.989503	0.992114	-1.00795	0.0598635	0.278684	-3.5883	4.1995	24.0847	5.0979	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24503272	MRPL18;TCP1;TCP1	0.00280737	0.403071	0.932232	-1.07269	0.00836877	1.31823	1.31823	0.439162	0.937342	-1.06685	0.478367	1.06089	1.06089	0.381829	1.07633	1.07633
cg24095088	MRPL18;TCP1;TCP1	0.00557477	0.0239961	0.868991	-1.15076	0.332818	0.949234	-1.05348	0.00457539	0.82128	-1.21761	0.0786808	1.10721	1.10721	0.0377282	1.13392	1.13392
cg23570391	MRPL18;TCP1;TCP1	0.0264493	0.472042	0.939103	-1.06485	0.0158391	1.28897	1.28897	0.225696	1.11547	1.11547	0.976156	0.997436	-1.00257	0.0286535	1.24823	1.24823
cg14412622	MRPL19	0.00110174	0.391605	0.773983	-1.29202	0.000303715	0.180241	-5.54814	0.00135127	0.257001	-3.89104	0.153847	0.640403	-1.56152	0.00457935	0.332262	-3.00967
cg19716170	MRPL19	0.00657928	0.0187297	0.506515	-1.97428	0.111351	0.660946	-1.51298	0.0174642	0.501176	-1.99531	0.773571	0.933443	-1.0713	0.0285719	0.539678	-1.85296
cg25950829	MRPL19	0.00758178	0.00360129	0.755719	-1.32324	0.00152208	1.3832	1.3832	0.104361	1.13447	1.13447	0.330701	0.931158	-1.07393	0.772905	0.979648	-1.02078
cg06647844	MRPL19	0.0158669	0.0434127	0.699585	-1.42942	0.00180187	0.505207	-1.97939	0.552368	0.911685	-1.09687	0.12116	0.772218	-1.29497	0.72751	0.947618	-1.05528
cg15577559	MRPL19	0.0204027	0.927502	0.961101	-1.04047	0.770473	0.880256	-1.13603	0.30318	0.62816	-1.59195	0.604288	0.79618	-1.256	0.70431	1.18084	1.18084
cg14161995	MRPL19	0.0256278	0.78907	0.970081	-1.03084	0.064514	1.26524	1.26524	0.522291	0.929168	-1.07623	0.0486771	1.29058	1.29058	0.00308552	0.632026	-1.58221
cg21254171	MRPL1;MRPL1	0.00107932	0.032199	0.515101	-1.94137	0.0273314	1.99463	1.99463	0.883626	0.962009	-1.03949	1.92E-05	0.100701	-9.93036	0.0846708	0.603939	-1.6558
cg12525514	MRPL20	9.78E-05	0.000580186	0.580765	-1.72187	0.175356	1.15854	1.15854	0.014345	1.36105	1.36105	0.124342	0.843734	-1.18521	0.329156	1.10831	1.10831
cg04903146	MRPL20	0.000128349	0.359662	1.1761	1.1761	0.000125466	3.15997	3.15997	0.000149696	3.0699	3.0699	0.000693815	2.43869	2.43869	0.0206177	0.618665	-1.61638
cg25939543	MRPL20	0.000157756	0.506141	0.862132	-1.15992	0.00981386	0.487789	-2.05007	0.0468277	1.64947	1.64947	0.00141096	0.361893	-2.76325	0.000887152	0.334489	-2.98964
cg11993086	MRPL20	0.00124807	0.000401517	0.429012	-2.33094	0.368471	0.870343	-1.14897	0.0748199	1.34758	1.34758	0.00914138	0.607899	-1.64501	0.126663	0.780064	-1.28195
cg05595602	MRPL20	0.00450864	0.00321652	0.260595	-3.83737	0.000831587	0.173132	-5.77595	0.784685	1.08459	1.08459	?	?	?	?	?	?
cg11222665	MRPL20	0.018373	0.242395	1.29558	1.29558	0.487761	1.16092	1.16092	0.571839	1.12853	1.12853	0.0729227	0.654822	-1.52713	0.365887	0.821495	-1.21729
cg26279708	MRPL21;IGHMBP2;MRPL21	0.0050927	0.0093748	0.710151	-1.40815	0.942602	0.992547	-1.00751	0.000265562	1.86299	1.86299	0.1845	1.15747	1.15747	0.940462	0.992269	-1.00779
cg24640272	MRPL21;IGHMBP2;MRPL21	0.0398717	0.430891	1.26052	1.26052	0.218887	1.4512	1.4512	0.00333482	3.15995	3.15995	0.565631	0.845993	-1.18204	0.225463	0.693086	-1.44282
cg20124417	MRPL21;MRPL21	1.95E-05	0.0575182	0.729528	-1.37075	5.19E-06	0.21884	-4.56955	0.00383204	0.564247	-1.77227	0.15314	0.798845	-1.25181	1.19E-05	0.25664	-3.89651
cg21963583	MRPL21;MRPL21	0.0191545	0.0938571	2.03087	2.03087	0.0136819	0.309569	-3.2303	0.303739	0.6639	-1.50625	0.0217408	0.346688	-2.88444	0.521796	0.779049	-1.28362
cg16704834	MRPL21;MRPL21	0.0370305	0.310023	0.588299	-1.69982	0.0306315	0.2773	-3.60621	0.0199332	0.241991	-4.13238	0.0132374	0.212114	-4.71444	0.00643867	0.167035	-5.98677
cg11792649	MRPL21;MRPL21	0.0376583	0.337112	1.23929	1.23929	0.019641	0.542772	-1.84239	0.00742079	0.473496	-2.11195	0.41986	0.836385	-1.19562	0.818155	1.05119	1.05119
cg18254937	MRPL21;MRPL21;MRPL21;IGHMBP2	0.00951016	0.111742	1.22128	1.22128	0.388363	1.10742	1.10742	0.777586	0.967846	-1.03322	0.456229	0.91615	-1.09152	0.429661	1.09751	1.09751
cg22077101	MRPL22;MRPL22	0.00151029	0.192146	0.580224	-1.72347	1.34E-05	0.0275006	-36.3628	0.698655	1.16577	1.16577	0.1619	0.554952	-1.80196	0.305661	0.658229	-1.51923
cg02462962	MRPL22;MRPL22	0.00779893	0.931132	1.01797	1.01797	0.0777928	1.49771	1.49771	0.147046	0.725636	-1.3781	0.240755	1.28802	1.28802	0.0581935	1.55458	1.55458
cg17462962	MRPL22;MRPL22	0.0223094	0.807608	0.926062	-1.07984	0.643965	1.15781	1.15781	0.267537	0.695128	-1.43858	0.0169615	2.50126	2.50126	0.608595	0.849917	-1.17659
cg00116058	MRPL22;MRPL22;MRPL22;MRPL22	0.0161091	0.984054	1.00542	1.00542	0.000952012	3.7929	3.7929	0.00365931	2.89769	2.89769	0.38162	1.27496	1.27496	0.577555	0.85872	-1.16452
cg26326607	MRPL23	0.00199319	0.0043605	0.395125	-2.53084	0.000460947	0.260793	-3.83446	0.00130298	0.319303	-3.13182	0.209043	0.724085	-1.38105	0.00957882	0.449431	-2.22503
cg19150916	MRPL23	0.00349551	0.00423346	0.686979	-1.45565	0.00144481	0.636694	-1.57061	0.753992	0.969644	-1.03131	0.0139419	1.3469	1.3469	0.735957	1.03374	1.03374
cg03686395	MRPL23	0.00477182	0.749324	1.04929	1.04929	0.899805	0.981271	-1.01909	0.0155611	0.640633	-1.56096	0.402732	1.13716	1.13716	0.0226469	0.663908	-1.50623
cg19837124	MRPL23	0.00608943	0.186039	0.740337	-1.35074	0.00175333	0.384331	-2.60192	0.0122548	1.95241	1.95241	0.147555	1.39544	1.39544	0.00500308	0.450924	-2.21767
cg04866833	MRPL23	0.00623706	0.572257	0.887948	-1.12619	0.764117	0.939251	-1.06468	0.153547	1.37468	1.37468	0.929192	0.981661	-1.01868	0.250761	0.778866	-1.28392
cg04881472	MRPL23	0.00829118	0.835652	0.973025	-1.02772	0.0573578	0.753528	-1.32709	0.718617	0.953488	-1.04878	0.709697	1.05045	1.05045	0.17974	0.828978	-1.2063
cg20630277	MRPL23	0.0101088	0.000457074	0.215657	-4.63698	0.26849	0.725918	-1.37757	0.232498	1.4162	1.4162	0.993726	1.00219	1.00219	0.519901	0.83419	-1.19877
cg01530482	MRPL23	0.0125744	0.247988	0.667823	-1.4974	0.000827553	0.185787	-5.38252	0.386382	0.743172	-1.34558	0.425475	0.761813	-1.31266	0.00223374	0.238998	-4.18414
cg26639216	MRPL23	0.0139371	0.000546605	0.17495	-5.71592	0.148831	1.60302	1.60302	0.0244076	2.29671	2.29671	0.772369	1.09143	1.09143	0.621126	0.86037	-1.16229
cg03776775	MRPL23	0.0140905	0.962889	0.991023	-1.00906	0.692018	0.925741	-1.08022	0.00103093	2.56605	2.56605	0.238063	1.27063	1.27063	0.00951788	0.52912	-1.88993
cg23314972	MRPL23	0.0150203	0.629969	0.769158	-1.30012	0.00074841	0.0629363	-15.8891	0.634552	0.771902	-1.2955	0.969365	1.02098	1.02098	0.00382422	0.121446	-8.23412
cg07977153	MRPL23	0.0291352	0.316854	0.836449	-1.19553	0.0188319	0.611956	-1.63411	0.0298096	0.643216	-1.55469	0.071663	0.706721	-1.41499	0.00311905	0.497737	-2.00909
cg15124109	MRPL24;MRPL24	0.000560201	0.00136299	0.331147	-3.01981	0.0412287	1.75052	1.75052	0.236404	1.34311	1.34311	0.0723362	1.61095	1.61095	0.00931293	0.456421	-2.19096
cg19629754	MRPL24;MRPL24	0.002868	0.291188	0.903385	-1.10695	0.0217775	1.29103	1.29103	0.279304	0.900917	-1.10998	0.000200686	0.560503	-1.78411	0.0493746	1.23129	1.23129
cg08426354	MRPL24;MRPL24	0.0117772	0.00659053	0.529293	-1.88931	0.901916	1.02248	1.02248	0.556668	1.11317	1.11317	0.323328	0.831965	-1.20197	0.00915208	0.550485	-1.81658
cg00346446	MRPL24;MRPL24	0.0120356	0.0291942	0.531595	-1.88113	0.797093	1.0654	1.0654	0.107375	0.64914	-1.5405	0.0972728	1.56433	1.56433	0.00140811	0.320827	-3.11695
cg03705879	MRPL27;EME1;EME1	0.0448563	0.441763	1.47584	1.47584	0.000761971	12.5684	12.5684	0.108471	2.38419	2.38419	0.334173	1.6393	1.6393	0.849923	0.910284	-1.09856
cg09226044	MRPL28	0.000831122	5.10E-05	0.202697	-4.93348	0.49964	0.865771	-1.15504	0.00963791	1.99199	1.99199	?	?	?	0.482267	0.860519	-1.16209
cg10192872	MRPL28	0.00679733	0.184139	0.826272	-1.21025	0.160881	1.2249	1.2249	0.738753	1.04638	1.04638	0.000210027	0.431844	-2.31565	0.060185	0.750406	-1.33261
cg00571421	MRPL2;CUL7;CUL7	0.0179342	0.0149211	0.46487	-2.15114	0.171952	1.45072	1.45072	0.00552668	2.54228	2.54228	0.0343803	0.531813	-1.88036	0.057829	0.577649	-1.73115
cg20894410	MRPL3	3.19E-05	0.437904	1.30775	1.30775	6.18E-06	0.0324383	-30.8277	0.00045258	0.153446	-6.51695	0.00419361	0.272394	-3.67115	3.21E-05	0.0643645	-15.5365
cg12405775	MRPL3	0.00356692	0.189149	0.835043	-1.19754	0.00817982	1.55048	1.55048	0.733735	1.04524	1.04524	0.00556027	0.623732	-1.60325	0.0590121	1.31826	1.31826
cg05911610	MRPL3	0.00591457	0.0706372	0.735381	-1.35984	0.683819	0.939604	-1.06428	0.312059	1.17247	1.17247	0.303839	1.17589	1.17589	?	?	?
cg02542401	MRPL3	0.00689991	0.00392843	0.134378	-7.44169	0.130097	0.429281	-2.32948	0.0407019	0.294624	-3.39416	0.0328084	0.274878	-3.63798	0.00131671	0.0891358	-11.2188
cg12884466	MRPL3	0.0074686	0.927	0.979052	-1.0214	0.620139	0.890983	-1.12236	0.651477	0.900278	-1.11077	0.568154	1.14257	1.14257	0.000212668	0.239421	-4.17675
cg04322344	MRPL3	0.0274651	0.996944	0.99946	-1.00054	0.794895	1.03739	1.03739	0.00139733	0.520836	-1.91999	0.818292	0.968093	-1.03296	0.0229227	1.46736	1.46736
cg01651821	MRPL30;MITD1	0.00037163	0.862771	0.978992	-1.02146	0.0268992	0.724944	-1.37942	0.127503	1.22415	1.22415	0.070135	1.28207	1.28207	0.707861	0.954853	-1.04728
cg02307953	MRPL30;MITD1	0.0388026	0.445625	0.663072	-1.50813	0.162461	0.452146	-2.21167	0.875787	0.920874	-1.08593	0.283369	0.553915	-1.80533	0.00107317	0.0661242	-15.1231
cg14718247	MRPL32	3.66E-05	0.122105	0.753615	-1.32694	0.000326589	0.375197	-2.66527	0.000448455	0.392773	-2.546	0.000532794	0.402426	-2.48493	0.00307919	0.504611	-1.98172
cg15871214	MRPL32;PSMA2	9.93E-06	0.448361	0.874123	-1.144	0.157807	1.30078	1.30078	0.0703941	1.4221	1.4221	0.652626	0.924138	-1.08209	8.68E-08	0.0466493	-21.4366
cg17963456	MRPL32;PSMA2	0.000293751	0.0485342	0.840799	-1.18935	0.0412443	1.19863	1.19863	0.000110774	1.6876	1.6876	0.428798	0.939737	-1.06413	0.0120114	1.27263	1.27263
cg09407816	MRPL32;PSMA2	0.000699932	0.0237627	0.781117	-1.28022	0.177502	0.877058	-1.14018	0.0175139	1.303	1.303	0.115415	0.854991	-1.1696	0.000517097	0.609074	-1.64184
cg16337783	MRPL32;PSMA2	0.00481794	0.746425	1.05636	1.05636	0.323402	1.18811	1.18811	0.809474	1.04166	1.04166	0.226767	1.2392	1.2392	0.365594	1.17011	1.17011
cg27544375	MRPL32;PSMA2	0.00946271	0.888465	0.984512	-1.01573	0.643042	0.94941	-1.05329	0.0702288	0.798419	-1.25247	0.0279637	0.749128	-1.33489	0.154332	0.843998	-1.18484
cg20904013	MRPL32;PSMA2	0.0344649	0.206792	0.852751	-1.17268	0.14988	1.20284	1.20284	0.183654	1.18383	1.18383	0.0185979	0.710801	-1.40686	0.261692	0.869335	-1.1503
cg15251939	MRPL32;PSMA2	0.044764	0.88442	1.03715	1.03715	0.145727	1.47942	1.47942	0.00453576	2.58092	2.58092	0.227557	1.37385	1.37385	0.0240745	1.96331	1.96331
cg18340214	MRPL33;MRPL33	4.24E-05	0.00404686	0.73502	-1.36051	0.000254589	1.61704	1.61704	2.10E-06	2.53419	2.53419	0.369418	0.92912	-1.07629	0.0167347	1.26227	1.26227
cg21083314	MRPL33;MRPL33	0.000191818	0.0079142	0.535024	-1.86908	0.000111337	0.287092	-3.4832	8.77E-05	0.274948	-3.63705	0.00466921	0.501214	-1.99516	0.0132004	0.568842	-1.75796
cg27447296	MRPL33;MRPL33	0.00173576	0.00418735	0.537297	-1.86117	0.000959305	0.450934	-2.21762	0.000536929	0.418107	-2.39173	0.0424591	0.684997	-1.45986	0.152336	0.780159	-1.28179
cg02833916	MRPL33;MRPL33	0.0106115	0.0523021	0.574871	-1.73952	0.0263595	0.516538	-1.93597	0.0799212	0.614227	-1.62806	0.0379585	0.546867	-1.8286	0.00750999	0.421877	-2.37036
cg22067325	MRPL33;MRPL33	0.013176	0.428614	1.2045	1.2045	0.871959	0.963542	-1.03784	0.729376	1.08325	1.08325	0.227358	0.746916	-1.33884	0.129815	0.686055	-1.45761
cg27063607	MRPL33;MRPL33	0.024997	0.13365	1.43053	1.43053	0.266336	1.29217	1.29217	0.311639	1.2607	1.2607	0.000672581	3.16178	3.16178	0.0202155	1.85861	1.85861
cg02403349	MRPL34	0.0135545	0.472678	0.739141	-1.35292	0.00335801	0.1918	-5.21376	0.717161	1.16247	1.16247	0.55105	0.779105	-1.28352	0.0285467	0.343269	-2.91316
cg16521040	MRPL34	0.0291077	0.477341	0.870664	-1.14855	0.00594558	1.99281	1.99281	0.182792	1.31128	1.31128	0.131636	1.36613	1.36613	0.0749788	0.68377	-1.46248
cg13678615	MRPL34	0.0366346	0.190514	1.19507	1.19507	0.890549	1.01786	1.01786	0.207046	0.842779	-1.18655	0.0055325	0.625838	-1.59786	0.0232695	0.705664	-1.41711
cg06387980	MRPL34	0.0454982	0.0339654	0.530216	-1.88602	0.311828	0.76477	-1.30758	0.568714	0.862735	-1.1591	0.999289	0.999772	-1.00023	0.852231	0.953329	-1.04896
cg01445659	MRPL34;ABHD8	0.00232575	0.00668383	0.260976	-3.83178	0.000726411	0.140563	-7.11425	0.0289678	0.374189	-2.67244	0.0945289	0.495759	-2.01711	0.00277615	0.207016	-4.83055
cg17328880	MRPL34;ABHD8	0.037997	0.0393023	0.482657	-2.07187	0.130052	0.606806	-1.64797	0.0815578	0.554486	-1.80347	0.779043	0.917664	-1.08972	0.0301906	0.459036	-2.17848
cg26818645	MRPL35;MRPL35	2.59E-05	1.35E-05	0.172096	-5.81071	2.37E-05	0.195908	-5.10443	0.0152691	0.562384	-1.77814	0.00843288	0.522049	-1.91553	9.64E-06	0.158651	-6.30315
cg23195853	MRPL35;MRPL35	0.00302081	0.0120445	0.518804	-1.92751	0.504964	1.15232	1.15232	0.399097	0.834505	-1.19832	0.832435	1.0454	1.0454	0.00086692	0.350817	-2.85049
cg11820734	MRPL35;MRPL35	0.00825477	0.0181917	0.602788	-1.65896	0.000915612	2.39833	2.39833	0.319679	0.833987	-1.19906	0.0367666	0.651626	-1.53462	0.0940519	1.38403	1.38403
cg02881034	MRPL35;MRPL35	0.0207188	0.62164	1.33391	1.33391	0.000636708	20.865	20.865	0.386476	0.598006	-1.67222	0.728589	1.22354	1.22354	0.867065	1.10189	1.10189
cg18444323	MRPL35;MRPL35	0.0326897	0.201981	1.59056	1.59056	0.00148618	4.84845	4.84845	0.599949	0.833352	-1.19997	0.758967	0.899409	-1.11184	0.296775	1.45156	1.45156
cg26009970	MRPL36	0.000342839	0.236272	0.810904	-1.23319	0.0491875	1.46114	1.46114	0.208131	1.25125	1.25125	0.389895	0.861732	-1.16045	1.94E-05	0.231281	-4.32374
cg03818021	MRPL36	0.00145188	0.786381	0.972264	-1.02853	0.000188632	0.520961	-1.91953	0.544883	0.938521	-1.06551	0.0392646	0.781159	-1.28015	0.00166789	0.62776	-1.59297
cg21638645	MRPL36;NDUFS6	0.00361351	0.681013	1.18953	1.18953	0.925152	0.961313	-1.04024	5.61E-05	23.1984	23.1984	0.151781	0.524782	-1.90555	0.537052	0.769165	-1.30011
cg04838007	MRPL38	0.000218746	0.230056	0.818684	-1.22147	0.0011266	2.14167	2.14167	0.00290403	1.91604	1.91604	0.0147641	1.61069	1.61069	0.00379078	0.537693	-1.8598
cg20715365	MRPL38	0.00307274	0.13792	0.819447	-1.22034	0.107375	1.24489	1.24489	0.841953	0.975422	-1.0252	0.665253	0.947185	-1.05576	0.293875	1.14535	1.14535
cg00759043	MRPL38	0.00487104	0.00193663	0.285014	-3.5086	0.148557	0.641817	-1.55808	0.716183	1.11015	1.11015	0.0212646	0.452776	-2.2086	0.000533842	0.213819	-4.67686
cg05611719	MRPL38	0.039331	0.0797592	0.474719	-2.10651	0.310871	0.66914	-1.49445	0.248114	0.62962	-1.58826	0.285145	1.53018	1.53018	0.0300512	0.376157	-2.65847
cg21528136	MRPL38;MRPL38	0.0226817	0.983229	1.00225	1.00225	0.327713	1.11386	1.11386	0.512587	1.07345	1.07345	0.890848	1.01476	1.01476	0.513867	1.07322	1.07322
cg25654242	MRPL39;MRPL39	0.000253278	2.69E-05	0.197076	-5.07419	0.0669326	0.668702	-1.49544	0.191782	0.7628	-1.31096	0.0845155	0.688062	-1.45336	1.72E-05	0.177868	-5.62213
cg27150186	MRPL39;MRPL39	0.0153739	0.838033	0.956143	-1.04587	0.697461	0.917961	-1.08937	0.632537	1.11133	1.11133	0.984081	0.995638	-1.00438	0.589424	1.1268	1.1268
cg03421212	MRPL3;MRPL3	0.0314402	0.0301266	0.666734	-1.49985	0.128493	1.29844	1.29844	0.317371	1.17856	1.17856	0.0552721	0.70795	-1.41253	0.00561541	0.561065	-1.78232
cg04883157	MRPL3;SNORA58	0.0173578	0.11621	0.680366	-1.4698	0.87398	1.03646	1.03646	0.131426	0.692541	-1.44396	0.458278	0.843344	-1.18576	0.00105207	0.335075	-2.9844
cg23957084	MRPL40;HIRA	0.0143256	0.0969113	0.846841	-1.18086	0.0195967	0.773133	-1.29344	0.14108	0.865527	-1.15537	0.020738	0.775659	-1.28923	0.00795275	0.733116	-1.36404
cg20425293	MRPL42;MRPL42;MRPL42	0.000989962	0.012487	0.75581	-1.32308	0.00129888	1.52501	1.52501	0.00144986	1.51361	1.51361	0.160222	1.14471	1.14471	0.0458268	0.813665	-1.22901
cg19606096	MRPL42;MRPL42;MRPL42	0.00569836	0.0530361	0.685707	-1.45835	0.134478	1.31911	1.31911	0.0842604	0.720506	-1.38791	0.625335	1.08813	1.08813	0.000504913	0.393365	-2.54217
cg07364046	MRPL42;MRPL42;MRPL42	0.0224612	0.528072	1.19213	1.19213	0.0408482	1.91359	1.91359	0.447293	1.23731	1.23731	0.00871034	0.398927	-2.50672	0.0545354	1.82147	1.82147
cg02533736	MRPL42P5	0.0250347	0.902279	1.02145	1.02145	0.0213063	0.619954	-1.61302	0.00503192	0.526764	-1.89838	0.383383	0.856908	-1.16699	0.182342	0.783079	-1.27701
cg23893379	MRPL43;C10orf2;C10orf2;MRPL43;MRPL43;C10orf2;MRPL43;C10orf2	3.37E-05	0.31734	1.17339	1.17339	0.0347797	0.683427	-1.46321	4.19E-07	0.108101	-9.25057	0.531453	0.906598	-1.10302	0.82841	0.96698	-1.03415
cg26023709	MRPL43;SEMA4G;MRPL43;MRPL43	0.00145792	0.0763086	0.617345	-1.61984	0.000618121	0.27557	-3.62884	0.036432	0.551692	-1.81261	0.0867093	1.58846	1.58846	0.00871384	0.441532	-2.26484
cg01420215	MRPL44	0.0462515	0.548556	0.804496	-1.24301	0.235436	1.56142	1.56142	0.0171758	0.353241	-2.83093	0.0462984	2.2661	2.2661	0.162177	0.585778	-1.70713
cg26344794	MRPL45	3.58E-07	4.22E-06	0.291789	-3.42713	0.0154965	0.709083	-1.41027	3.26E-05	0.392639	-2.54687	0.00196273	0.602512	-1.65972	2.83E-07	0.173483	-5.76424
cg07765167	MRPL45	5.73E-06	1.30E-05	0.259688	-3.85078	0.00489152	1.73216	1.73216	0.000204077	0.399716	-2.50177	0.237975	1.19971	1.19971	1.05E-06	0.152488	-6.5579
cg11867295	MRPL45	0.00170804	0.217255	0.711613	-1.40526	0.646728	0.886088	-1.12856	0.0375476	0.53132	-1.88211	0.0198712	0.478634	-2.08928	5.67E-05	0.140958	-7.09431
cg17519037	MRPL45	0.00441059	0.0784511	0.499107	-2.00358	0.0529953	2.18531	2.18531	0.0191671	2.73908	2.73908	0.147464	1.73772	1.73772	0.00746723	0.293879	-3.40276
cg04657804	MRPL45	0.0220819	0.861073	0.977838	-1.02266	0.0115885	1.49752	1.49752	0.165704	1.20821	1.20821	0.156804	0.823863	-1.21379	0.457636	1.10161	1.10161
cg25623473	MRPL46	0.000400445	0.000310875	0.201747	-4.9567	0.0119989	0.424214	-2.3573	0.000356625	0.208428	-4.79781	0.00818545	0.396172	-2.52416	0.000996916	0.262444	-3.81034
cg03872267	MRPL46;MRPS11;MRPS11	0.0179656	0.00413243	0.542013	-1.84497	0.197346	1.24239	1.24239	0.359974	1.16171	1.16171	0.00226332	0.506418	-1.97465	0.825994	0.965542	-1.03569
cg12323089	MRPL46;MRPS11;MRPS11	0.0488586	0.73838	0.932723	-1.07213	0.0157976	1.84858	1.84858	0.0680485	1.52896	1.52896	0.26561	0.785815	-1.27256	0.0733085	0.660379	-1.51428
cg16340446	MRPL47;MRPL47	2.99E-05	0.47487	0.843116	-1.18608	0.624716	0.890674	-1.12274	0.0862371	0.640747	-1.56068	0.996096	0.998852	-1.00115	7.50E-07	0.0436252	-22.9225
cg04359302	MRPL47;MRPL47;NDUFB5	0.00262792	0.000482153	2.03318	2.03318	0.151553	0.819425	-1.22037	0.0069215	0.63572	-1.57302	0.210714	1.18641	1.18641	0.0759661	1.2917	1.2917
cg23168649	MRPL47;NDUFB5;MRPL47	0.0260155	0.577372	1.47088	1.47088	0.583272	1.46196	1.46196	0.748735	1.24643	1.24643	0.60731	1.42664	1.42664	0.000558062	0.0254847	-39.2393
cg19920460	MRPL48	0.000695746	0.0791007	1.42303	1.42303	0.611072	0.91137	-1.09725	0.267367	1.23256	1.23256	0.000365462	0.355859	-2.8101	4.27E-05	0.2447	-4.08664
cg26642432	MRPL48	0.00328686	0.029415	0.548175	-1.82423	0.468735	0.841335	-1.18859	0.0531855	0.597604	-1.67335	0.287251	0.771852	-1.29559	0.00039241	0.266104	-3.75794
cg03538470	MRPL48	0.00441212	0.0200613	0.462047	-2.16428	7.22E-05	0.136827	-7.3085	0.0232071	0.47387	-2.11028	0.408172	0.792286	-1.26217	0.446748	0.807809	-1.23792
cg25124030	MRPL48	0.00580803	0.000575391	0.308999	-3.23626	0.719509	1.08273	1.08273	0.428235	0.836724	-1.19514	0.437586	1.19069	1.19069	0.00365879	0.420527	-2.37797
cg00470934	MRPL48	0.00691324	0.0636552	1.50114	1.50114	0.0563294	1.52354	1.52354	0.0526323	0.650998	-1.5361	0.100911	1.41912	1.41912	0.499353	0.874941	-1.14293
cg04619240	MRPL48	0.0227811	0.147617	0.634738	-1.57545	0.712563	0.897393	-1.11434	0.0701178	0.552999	-1.80832	0.0260797	2.16515	2.16515	0.00728564	0.36329	-2.75262
cg18195628	MRPL48;MRPL48	0.000921377	0.139645	1.47065	1.47065	0.0109969	2.16872	2.16872	0.00858301	2.25574	2.25574	0.000468097	0.263282	-3.79821	0.754053	0.926571	-1.07925
cg01409448	MRPL4;MRPL4;MRPL4	4.56E-08	1.20E-07	0.145545	-6.87074	2.14E-06	0.264893	-3.77512	0.00560138	0.660191	-1.51471	0.000615259	0.547711	-1.82578	4.18E-08	0.110199	-9.07446
cg12507788	MRPL4;MRPL4;MRPL4	7.45E-05	2.60E-06	0.0679276	-14.7216	0.000582875	0.283353	-3.52917	0.000209482	0.229779	-4.352	0.362538	0.800972	-1.24848	0.000860455	0.305231	-3.27621
cg19819654	MRPL4;MRPL4;MRPL4	0.0112596	0.620399	0.90047	-1.11053	0.00622807	2.11439	2.11439	0.0598511	1.56185	1.56185	0.87935	0.968608	-1.03241	0.0585482	0.638431	-1.56634
cg19470962	MRPL4;MRPL4;MRPL4	0.0160355	0.0501115	0.466215	-2.14493	0.0441686	0.453896	-2.20315	0.137253	0.578777	-1.72778	0.0551981	0.475876	-2.10139	0.00424253	0.270471	-3.69725
cg18036873	MRPL4;MRPL4;MRPL4	0.0381494	0.0978776	1.26489	1.26489	0.454256	0.906065	-1.10367	0.247307	1.16945	1.16945	0.00787738	0.643292	-1.5545	0.935451	1.01054	1.01054
cg11806890	MRPL4;MRPL4;MRPL4	0.0444483	0.125155	0.790888	-1.2644	0.86726	0.976634	-1.02392	0.211758	0.830335	-1.20433	0.0184611	0.667679	-1.49773	0.916955	0.985367	-1.01485
cg14154182	MRPL4;MRPL4;MRPL4;MRPL4;MRPL4	0.00424386	0.00467945	2.75322	2.75322	0.907533	0.969187	-1.03179	0.602019	1.15226	1.15226	0.0637649	1.753	1.753	0.507114	1.19875	1.19875
cg21746459	MRPL50;MRPL50;ZNF189;ZNF189	0.0140845	0.563169	0.928114	-1.07745	0.138009	0.815595	-1.2261	0.320633	0.877243	-1.13993	0.496823	1.09204	1.09204	0.131812	1.23073	1.23073
cg11709875	MRPL50;ZNF189;ZNF189	0.0280397	0.101958	1.24797	1.24797	0.165538	1.20084	1.20084	0.249129	1.16074	1.16074	0.919282	1.01262	1.01262	0.190443	0.842339	-1.18717
cg22379905	MRPL51	0.000815497	0.0693789	0.474954	-2.10547	0.000414139	0.128279	-7.79549	0.0172158	0.34516	-2.89721	0.0547746	0.450041	-2.22202	0.000917848	0.162766	-6.14378
cg04857136	MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52	8.68E-07	0.232916	1.10915	1.10915	0.328587	0.91988	-1.0871	0.354133	1.08215	1.08215	1.01E-08	6.80361	6.80361	8.30E-05	0.556057	-1.79838
cg01016847	MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52	0.00228704	0.00149379	0.169861	-5.88716	0.000717832	0.136241	-7.33993	0.0669153	0.451495	-2.21486	0.0654764	0.449136	-2.2265	0.00109661	0.155051	-6.44948
cg07436208	MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52	0.0214712	0.598772	1.3584	1.3584	0.210429	2.14115	2.14115	0.0692671	0.30959	-3.23008	0.522732	1.4531	1.4531	0.00534219	0.120398	-8.30582
cg01231620	MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52	0.0359566	0.0383941	0.554159	-1.80454	0.45323	0.828614	-1.20683	0.457384	1.20468	1.20468	0.55692	1.1574	1.1574	0.00192855	0.339621	-2.94446
cg17436224	MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52	0.00117999	0.526706	1.07243	1.07243	0.0761566	1.24003	1.24003	0.00367742	1.53434	1.53434	0.44602	0.918798	-1.08838	0.131528	1.19422	1.19422
cg03968970	MRPL53;MRPL53	0.00160078	0.358313	0.604083	-1.6554	0.0057433	8.36272	8.36272	?	?	?	?	?	?	0.000148056	0.0136764	-73.1186
cg13079949	MRPL54	5.46E-05	1.99E-05	0.240175	-4.16364	0.170524	0.785856	-1.2725	0.00116695	0.455196	-2.19685	0.000228163	0.363793	-2.74881	0.000616792	0.418791	-2.38782

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24503272	0.536672	0.949986	-1.05265	0.000555192	0.644429	-1.55176	0.0194729	1.26063	1.26063	0.00314093	1.39251	1.39251	8.72817	0.929688	0.0946807	1
cg24095088	0.0285489	1.14425	1.14425	0.0119159	0.849028	-1.17782	0.595181	1.02836	1.02836	0.0478754	1.12521	1.12521	7.09805	0.305747	0.0382886	1
cg23570391	0.286817	1.09966	1.09966	0.00626061	0.736406	-1.35795	0.554583	0.949957	-1.05268	0.213657	1.11904	1.11904	4.2724	0.499189	0.103858	1
cg14412622	0.00952375	0.383432	-2.60803	0.000214959	0.164746	-6.06996	0.0041955	0.326462	-3.06314	0.992942	0.997422	-1.00259	11.4471	15.4466	1.19946	1
cg19716170	0.0426609	0.572821	-1.74574	0.0408841	0.569218	-1.7568	0.000242538	0.234775	-4.2594	0.0117494	0.471675	-2.12011	6.74395	6.08886	0.802545	1
cg25950829	0.333251	1.0735	1.0735	0.190663	1.10349	1.10349	0.0362335	1.18893	1.18893	0.119442	1.12758	1.12758	6.45204	0.516047	0.071095	1
cg06647844	0.740707	1.05241	1.05241	0.00862924	1.67378	1.67378	0.931359	0.986837	-1.01334	0.2062	0.814577	-1.22763	5.08509	1.9053	0.333051	1
cg15577559	0.28989	0.619466	-1.61429	0.000259192	0.0727895	-13.7383	0.45314	0.716642	-1.3954	0.553042	1.29903	1.29903	4.67278	14.0661	2.67574	1
cg14161995	0.762918	1.03487	1.03487	0.596803	0.941311	-1.06235	0.0813213	0.803401	-1.24471	0.0815752	0.803578	-1.24443	4.31976	0.878064	0.180682	1
cg21254171	0.0286012	0.505125	-1.97971	0.617816	0.875448	-1.14227	0.255348	0.730501	-1.36892	0.697662	0.901916	-1.10875	11.5143	12.7523	0.984463	1
cg12525514	0.0022611	0.646416	-1.54699	2.91E-06	0.319467	-3.13022	0.867481	0.983092	-1.0172	0.144719	0.852181	-1.17346	22.2731	3.67823	0.146793	1
cg04903146	0.656186	1.08022	1.08022	0.000379366	2.65873	2.65873	5.74E-05	3.61685	3.61685	0.233838	1.23981	1.23981	20.7077	9.728	0.41758	1
cg25939543	7.76E-05	0.207367	-4.82236	2.80E-05	0.163167	-6.1287	0.499194	1.16282	1.16282	0.00254649	0.398222	-2.51116	19.5888	15.003	0.680798	1
cg11993086	0.00129363	0.494235	-2.02333	0.00304545	0.543214	-1.8409	0.0904872	0.75547	-1.32368	0.00061156	0.45224	-2.21121	11.0471	3.9542	0.318168	1
cg05595602	0.00566943	0.302936	-3.30103	0.0298445	0.447085	-2.23671	?	?	?	0.104493	0.5809	-1.72147	11.516	10.1614	0.882369	1
cg11222665	0.808773	0.949977	-1.05266	0.000575396	0.323743	-3.08887	0.15327	1.3822	1.3822	0.636604	0.904178	-1.10598	4.84158	3.43519	0.630682	1
cg26279708	0.297003	1.11889	1.11889	0.973364	0.996537	-1.00347	0.0407992	0.782441	-1.27805	0.39414	1.09492	1.09492	7.29753	1.24759	0.151965	1
cg24640272	0.109796	0.605309	-1.65205	0.141989	0.634667	-1.57563	0.420448	0.788964	-1.26748	0.216243	0.687457	-1.45464	3.6875	4.84347	1.16754	1
cg20124417	0.765536	1.04488	1.04488	2.08E-06	0.17999	-5.55585	0.0907976	0.760692	-1.31459	0.113591	0.776658	-1.28757	34.0797	11.6332	0.303426	1
cg21963583	0.00617132	0.253187	-3.94965	0.363741	0.698416	-1.43181	0.00794205	0.270119	-3.70207	0.671989	0.848928	-1.17796	4.77396	11.1813	2.0819	1
cg16704834	0.0504685	0.32438	-3.0828	0.0889865	0.387779	-2.57879	0.504361	0.710238	-1.40798	0.0604893	0.343346	-2.91252	3.78873	15.3043	3.5906	1
cg11792649	0.485445	0.857562	-1.1661	0.00585808	0.457512	-2.18573	0.654742	0.907034	-1.10249	0.412026	0.833745	-1.19941	3.76555	2.80264	0.661586	1
cg18254937	0.140918	1.20054	1.20054	0.00025924	0.499774	-2.00091	0.493315	0.922848	-1.0836	0.225065	1.15842	1.15842	6.00615	1.26699	0.187509	1
cg22077101	0.637733	0.829441	-1.20563	0.453295	0.739918	-1.3515	0.112359	0.505835	-1.97693	0.682312	1.17617	1.17617	10.459	25.7512	2.18854	1
cg02462962	0.213538	1.30989	1.30989	0.000368169	0.308689	-3.23951	0.182876	0.747296	-1.33816	0.51466	0.872689	-1.14588	6.39512	4.30195	0.597949	1
cg17462962	0.706843	1.12632	1.12632	0.390649	0.758097	-1.31909	0.00102739	4.62653	4.62653	0.133225	1.66528	1.66528	4.53216	7.11558	1.39557	1
cg00116058	0.273077	0.73434	-1.36177	0.9052	1.03278	1.03278	0.298661	1.33859	1.33859	0.304801	1.33333	1.33333	5.05954	5.87219	1.03166	1
cg26326607	0.80603	1.06182	1.06182	0.00620399	0.418942	-2.38696	0.0680937	1.64563	1.64563	0.610078	0.882148	-1.1336	9.65149	9.08644	0.836849	1
cg19150916	0.0706535	1.21906	1.21906	0.00644495	1.41538	1.41538	0.621447	0.952364	-1.05002	0.803172	0.975809	-1.02479	8.17694	1.24521	0.135363	1
cg03686395	0.0867605	0.752815	-1.32835	0.000290875	2.42731	2.42731	0.318049	1.16755	1.16755	0.943694	1.01066	1.01066	7.44384	2.65603	0.317164	1
cg19837124	0.03053	0.579804	-1.72472	0.438199	0.844031	-1.18479	0.872224	1.03512	1.03512	0.112216	0.690153	-1.44895	6.90753	5.03048	0.647344	1
cg04866833	0.000741198	0.344083	-2.90628	0.0216112	1.77617	1.77617	0.0110851	1.94119	1.94119	0.0659155	1.53678	1.53678	6.85655	4.70957	0.610553	1
cg04881472	0.682478	1.05564	1.05564	0.000170219	2.31976	2.31976	0.802257	1.03358	1.03358	0.453326	1.10579	1.10579	6.27309	1.72155	0.243941	1
cg20630277	0.84598	0.947385	-1.05554	0.013731	2.33218	2.33218	0.167086	0.664077	-1.50585	0.245624	0.713552	-1.40144	5.89018	7.20578	1.08743	1
cg01530482	0.996019	1.00167	1.00167	0.0347612	0.43926	-2.27656	0.470517	1.27814	1.27814	0.517328	0.802967	-1.24538	5.48942	9.71533	1.57318	1
cg26639216	0.679649	0.882233	-1.13349	0.908083	1.03544	1.03544	0.817886	1.07203	1.07203	0.365543	0.754678	-1.32507	5.97539	8.42139	1.09616	1
cg03776775	0.559184	0.891844	-1.12127	0.17174	1.32572	1.32572	0.105676	1.40852	1.40852	0.714548	1.07379	1.07379	5.28867	3.146	0.528762	1
cg23314972	0.317519	0.571985	-1.7483	0.863549	0.911192	-1.09746	0.340303	1.70119	1.70119	0.493498	1.45642	1.45642	5.17838	23.9745	4.11532	1
cg07977153	0.0747461	0.709934	-1.40858	0.635267	1.08596	1.08596	0.931475	1.01495	1.01495	0.421169	1.15238	1.15238	4.12943	1.94814	0.419351	1
cg15124109	0.00596559	2.35076	2.35076	0.026628	0.535422	-1.86769	0.00167686	2.91008	2.91008	0.00130865	0.328723	-3.04208	13.8461	12.3975	0.795889	1
cg19629754	?	?	?	0.6226	1.04709	1.04709	0.723109	1.03355	1.03355	0.0407148	1.24504	1.24504	8.86705	1.07422	0.121147	1
cg08426354	0.0102879	0.558135	-1.79168	0.0019191	0.452861	-2.20818	0.0734363	0.697708	-1.43326	0.0979853	0.720832	-1.38729	5.60746	2.8883	0.45785	1
cg00346446	0.711979	0.912851	-1.09547	0.0716269	0.60981	-1.63985	0.0424394	1.77642	1.77642	0.164513	0.694431	-1.44003	5.56814	5.33172	0.851147	1
cg03705879	0.957684	0.974013	-1.02668	0.221192	1.89297	1.89297	0.871431	1.08369	1.08369	0.84822	1.09975	1.09975	3.52975	13.7659	3.46662	1
cg09226044	0.00350418	0.434725	-2.30031	0.0181397	0.546893	-1.82851	0.737713	0.931746	-1.07325	0.0295557	0.583381	-1.71414	12.6945	7.90684	0.622854	1
cg10192872	0.0709193	0.760862	-1.3143	0.0931985	1.2842	1.2842	0.444954	0.899898	-1.11124	0.462097	0.903571	-1.10672	6.67594	1.93985	0.258287	1
cg00571421	0.485587	1.19879	1.19879	0.595336	0.871828	-1.14701	0.323293	0.780248	-1.29828	0.258442	0.739548	-1.35218	4.88113	5.06156	0.921746	1
cg20894410	0.000270429	0.131981	-7.57685	5.19E-05	0.0767929	-13.022	5.88E-05	0.0802897	-12.4549	0.0485798	0.465836	-2.14668	29.9667	54.5664	1.61858	1
cg12405775	0.00782545	0.642515	-1.55638	0.104435	1.25863	1.25863	0.122879	1.24188	1.24188	0.00469956	1.62725	1.62725	8.12759	2.16188	0.236438	1
cg05911610	0.644761	1.07319	1.07319	0.00052666	0.439637	-2.27461	0.784166	1.04266	1.04266	0.00676443	1.70591	1.70591	7.11714	2.31935	0.325882	1
cg02542401	0.00811879	0.173283	-5.77091	0.00292207	0.120676	-8.28666	0.175845	0.475014	-2.1052	0.0127768	0.201937	-4.95205	6.64488	28.1511	3.76579	1
cg12884466	0.33255	1.25977	1.25977	0.345204	1.25182	1.25182	0.422644	0.827609	-1.2083	0.0192294	1.92379	1.92379	6.48252	5.47952	0.751356	1
cg04322344	0.625878	1.07169	1.07169	0.197083	0.825179	-1.21186	0.297496	0.858826	-1.16438	0.521799	1.0958	1.0958	4.2163	1.32589	0.279527	1
cg01651821	0.0707099	0.780476	-1.28127	6.59E-06	0.292189	-3.42244	0.233029	1.16587	1.16587	0.156087	1.20469	1.20469	15.5114	3.70005	0.212034	1
cg02307953	0.485557	1.45398	1.45398	?	?	?	0.96958	0.980107	-1.0203	0.894023	1.07276	1.07276	4.12947	15.8004	3.34796	1
cg14718247	0.0222406	0.629629	-1.58824	6.04E-07	0.098677	-10.1341	0.878763	1.0261	1.0261	0.0380432	0.666325	-1.50077	28.9108	13.0494	0.401217	1
cg15871214	0.00601211	0.535251	-1.86828	0.0209517	0.616495	-1.62207	0.55466	0.901178	-1.10966	0.516724	0.891838	-1.12128	40.6424	19.5151	0.426814	1
cg17963456	6.87E-05	0.571202	-1.7507	0.349586	0.928587	-1.07691	0.771126	0.977805	-1.0227	0.0489444	1.18887	1.18887	16.5452	1.55149	0.0833538	1
cg09407816	0.023914	0.781402	-1.27975	0.00122729	0.648701	-1.54154	0.000159374	0.553911	-1.80535	0.00327599	0.692912	-1.44319	13.0113	1.72661	0.117956	1
cg16337783	0.272791	1.21275	1.21275	8.85E-05	0.305214	-3.27639	0.321067	1.18916	1.18916	0.304732	1.19675	1.19675	7.42207	3.35702	0.402047	1
cg27544375	0.260722	0.877672	-1.13938	0.000146068	0.483354	-2.06888	0.879336	1.01704	1.01704	0.783846	0.969877	-1.03106	6.01573	1.17887	0.174191	1
cg20904013	0.00726195	0.660798	-1.51332	0.977739	1.00334	1.00334	0.297456	1.13794	1.13794	0.246255	1.15612	1.15612	3.88873	0.881499	0.201494	1
cg15251939	0.09875	0.635139	-1.57446	0.104157	1.56122	1.56122	0.354957	1.26947	1.26947	0.92887	1.02264	1.02264	3.53247	3.51742	0.8851	1
cg18340214	0.0681505	1.17692	1.17692	0.00543525	0.746974	-1.33873	0.0579116	0.84284	-1.18647	0.590942	0.95765	-1.04422	27.8078	2.80133	0.0895458	1
cg21083314	0.0137983	0.571824	-1.74879	2.08E-05	0.206535	-4.8418	0.00410841	0.493163	-2.02773	0.927521	0.983432	-1.01685	18.5803	9.92298	0.474718	1
cg27447296	0.0603142	0.70961	-1.40922	0.00101805	0.454333	-2.20103	0.00117544	0.462584	-2.16177	0.750388	0.949633	-1.05304	10.047	4.17193	0.369102	1
cg02833916	0.0216655	0.500821	-1.99672	0.000790821	0.28027	-3.56799	0.0135113	0.464477	-2.15296	0.0455162	0.562562	-1.77758	5.79922	5.7786	0.885728	1
cg22067325	0.384055	1.22815	1.22815	0.000231232	0.244787	-4.08519	0.156959	0.705711	-1.41701	0.584433	0.880584	-1.13561	5.40634	4.53956	0.746376	1
cg27063607	0.0837519	1.5274	1.5274	0.544804	1.14528	1.14528	0.843008	0.957064	-1.04486	0.880777	0.967329	-1.03377	4.35742	3.38039	0.68958	1
cg02403349	?	?	?	0.0228287	0.323929	-3.0871	0.0785782	2.24452	2.24452	0.0637137	2.36931	2.36931	5.45958	13.1622	2.41085	1
cg16521040	0.312436	0.818483	-1.22177	0.361317	0.835367	-1.19708	0.024041	0.596941	-1.67521	0.672095	1.08504	1.08504	4.13081	2.40412	0.51733	1
cg13678615	0.590832	0.932609	-1.07226	0.24796	0.856188	-1.16797	0.598619	0.933996	-1.07067	0.0550105	1.32272	1.32272	3.80359	0.995472	0.232639	1
cg06387980	0.511025	0.842933	-1.18633	0.000919091	0.281022	-3.55844	0.536257	0.851694	-1.17413	0.947059	0.983124	-1.01717	3.51101	3.65313	0.924869	1
cg01445659	0.0470335	0.419859	-2.38175	0.000703249	0.139171	-7.18542	0.00114711	0.161227	-6.20245	0.0317253	0.382387	-2.61515	9.22583	21.2991	2.05212	1
cg17328880	0.103805	0.580783	-1.72181	0.00327744	0.29399	-3.40147	0.0159322	0.405881	-2.46378	0.374135	0.756778	-1.32139	3.75324	5.54721	1.31376	1
cg26818645	3.02E-05	0.206654	-4.839	0.000363682	0.33153	-3.01632	0.000809115	0.37669	-2.6547	0.000124862	0.274802	-3.63898	31.6706	18.7262	0.525584	1
cg23195853	0.20187	1.32633	1.32633	0.990092	0.997401	-1.00261	0.353222	0.818578	-1.22163	0.000243637	0.280521	-3.5648	8.5406	5.94075	0.618302	1
cg11820734	0.121874	0.743773	-1.3445	0.64951	0.922408	-1.08412	0.484543	0.882143	-1.1336	0.281459	1.21849	1.21849	6.28181	3.10058	0.438739	1
cg02881034	0.442393	1.57401	1.57401	0.140805	0.399523	-2.50298	0.138172	2.52069	2.52069	0.0517855	3.60325	3.60325	4.64836	24.6938	4.7221	1
cg18444323	0.210371	1.57565	1.57565	0.0396951	0.440744	-2.26889	0.72632	1.12868	1.12868	0.614108	1.19141	1.19141	3.96348	7.44863	1.67051	1
cg26009970	0.109193	0.744521	-1.34315	0.00193573	2.09769	2.09769	0.0392664	0.668416	-1.49607	0.00401154	0.520489	-1.92127	15.859	7.16498	0.401592	1
cg03818021	0.0150431	0.733861	-1.36266	0.266419	1.12739	1.12739	0.741225	0.966267	-1.03491	0.000463422	0.565331	-1.76888	10.5784	1.79631	0.150942	1
cg21638645	0.191784	0.559774	-1.78643	0.584684	1.2608	1.2608	0.218591	1.72175	1.72175	0.202805	1.75865	1.75865	8.09604	22.6067	2.48205	1
cg04838007	0.287333	1.19186	1.19186	0.0844437	0.738432	-1.35422	1.71E-05	4.05774	4.05774	0.854916	0.97134	-1.02951	17.9298	7.16719	0.35532	1
cg20715365	0.0539272	1.31356	1.31356	8.08E-05	0.412074	-2.42675	0.179623	1.19442	1.19442	0.32209	0.880293	-1.13598	8.49745	2.09096	0.218728	1
cg00759043	0.00403592	0.331127	-3.01999	0.691837	1.12077	1.12077	0.939909	0.978655	-1.02181	0.150936	0.643713	-1.55349	7.39733	9.59565	1.15305	1
cg05611719	0.72773	1.14331	1.14331	0.19345	0.590211	-1.69431	0.00386421	0.225064	-4.44317	0.030121	0.376366	-2.65699	3.70606	8.61775	2.06694	1
cg21528136	0.199	0.865147	-1.15587	0.00304839	0.648443	-1.54216	0.151845	0.848857	-1.17805	0.00353991	0.65577	-1.52492	4.50643	0.813034	0.16037	1
cg25654242	0.00272721	0.444516	-2.24964	0.0612722	0.661536	-1.51163	0.750731	1.06444	1.06444	0.0328562	0.613191	-1.63081	17.2287	10.4759	0.540488	1
cg27150186	0.00043768	0.295983	-3.37858	0.0242825	1.80104	1.80104	0.678591	1.09561	1.09561	0.616931	1.11684	1.11684	5.13865	3.90746	0.675917	1
cg03421212	0.0279612	0.661813	-1.511	0.771324	0.954732	-1.04741	0.761989	0.952862	-1.04947	0.823716	0.965156	-1.0361	4.01916	1.60837	0.355711	1
cg04883157	0.0433238	0.591972	-1.68927	0.0312534	0.56545	-1.7685	0.122151	1.4593	1.4593	0.0674482	0.629868	-1.58763	4.93495	3.97773	0.716473	1
cg23957084	0.730781	0.968978	-1.03201	0.878848	1.01401	1.01401	0.0135807	1.32131	1.32131	0.0459971	0.811684	-1.23201	5.25994	0.693427	0.117184	1
cg20425293	0.697705	0.965451	-1.03579	0.389167	1.08274	1.08274	0.779651	0.975052	-1.02559	0.000262504	1.71663	1.71663	11.8002	1.51646	0.114232	1
cg19606096	0.0130929	0.589688	-1.69581	0.0579217	1.44471	1.44471	0.58873	0.91057	-1.09821	0.222745	1.24594	1.24594	7.05035	3.28891	0.414656	1
cg07364046	0.0336654	1.97794	1.97794	0.136956	0.643758	-1.55338	0.172609	0.67095	-1.49042	0.217287	1.42884	1.42884	4.5216	5.41256	1.06404	1
cg02533736	0.306841	0.832962	-1.20053	0.0251748	1.58405	1.58405	0.241793	0.809235	-1.23574	0.0425383	0.667994	-1.49702	4.35513	2.05874	0.420192	1
cg23893379	0.227836	0.822162	-1.21631	0.000223059	0.38654	-2.58706	0.252576	0.831216	-1.20306	0.231298	1.21437	1.21437	29.5349	11.1932	0.336874	1
cg26023709	0.0562871	0.589388	-1.69668	0.000117668	0.192229	-5.20214	0.600948	1.13778	1.13778	0.207691	0.722572	-1.38394	10.5657	10.0104	0.842168	1
cg01420215	0.441251	1.325	1.325	0.0169209	0.352039	-2.84059	0.797286	0.911886	-1.09663	0.362798	0.71521	-1.39819	3.48943	7.09698	1.80787	1
cg26344794	2.79E-05	0.384833	-2.59853	9.51E-09	0.0672604	-14.8676	0.0741784	0.794249	-1.25905	0.00025911	0.498651	-2.00541	95.2345	20.2171	0.1887	1
cg07765167	0.00150965	0.510014	-1.96073	1.59E-05	0.269362	-3.71248	0.171984	1.23882	1.23882	6.54E-05	0.339773	-2.94314	46.8515	16.0998	0.305454	1
cg11867295	0.0789902	0.599794	-1.66724	0.00766202	0.407278	-2.45532	0.110423	1.57762	1.57762	0.00608448	0.391159	-2.55651	10.094	10.9805	0.966954	1
cg17519037	0.10859	0.536746	-1.86308	0.00238343	0.221908	-4.50637	0.17111	1.67881	1.67881	0.0384308	0.426257	-2.346	7.62398	15.2613	1.77934	1
cg04657804	0.434289	1.10746	1.10746	0.0187856	0.694724	-1.43942	0.512265	0.918483	-1.08875	0.00819909	1.54151	1.54151	4.54814	1.17905	0.230434	1
cg25623473	8.03E-05	0.14255	-7.0151	0.0301677	0.497783	-2.00891	0.0175774	0.453579	-2.20469	0.00037706	0.211175	-4.7354	15.1955	18.0204	1.05414	1
cg03872267	0.285725	1.19313	1.19313	0.379801	0.866331	-1.15429	0.817233	1.03756	1.03756	0.479927	1.12117	1.12117	4.87827	1.95971	0.357087	1
cg12323089	0.679373	1.09019	1.09019	0.0969748	0.684883	-1.4601	0.0620196	1.54741	1.54741	0.985695	0.996282	-1.00373	3.41796	2.33695	0.607756	1
cg16340446	0.275311	0.766041	-1.30541	1.19E-05	0.113696	-8.79542	0.589257	1.13656	1.13656	0.00819425	0.451837	-2.21319	30.4942	26.6336	0.776353	1
cg04359302	0.0885472	1.27573	1.27573	0.005947	1.59392	1.59392	0.0123101	1.49783	1.49783	0.222932	1.18056	1.18056	8.9002	2.36792	0.236491	1
cg23168649	?	?	?	0.852487	0.880211	-1.13609	0.283119	0.465596	-2.14778	0.860038	0.886053	-1.1286	4.37158	28.9163	6.61462	1
cg19920460	0.0917303	1.39932	1.39932	0.360516	0.843574	-1.18543	0.694522	1.07404	1.07404	0.0919577	0.714834	-1.39893	13.0332	6.75931	0.460999	1
cg26642432	0.120225	0.673666	-1.48442	0.149799	1.43603	1.43603	0.00313388	2.57694	2.57694	0.173545	0.71223	-1.40404	8.3287	7.24515	0.773247	1
cg03538470	0.200439	0.689221	-1.45091	0.0183107	0.454755	-2.19899	0.171159	0.669643	-1.49333	0.750089	0.915808	-1.09193	7.62318	9.14469	1.0663	1
cg25124030	0.659087	0.90678	-1.1028	0.00635672	0.457079	-2.1878	0.162586	1.38899	1.38899	0.149749	0.711502	-1.40548	7.0091	5.39261	0.683887	1
cg00470934	0.0711542	1.48099	1.48099	0.00129776	0.401375	-2.49144	0.224471	0.77989	-1.28223	0.0366611	0.623121	-1.60482	6.64088	3.99234	0.534379	1
cg04619240	0.0972494	0.587161	-1.70311	0.0849968	1.74581	1.74581	0.159122	1.55312	1.55312	0.992726	0.997337	-1.00267	4.49966	6.1	1.20503	1
cg18195628	0.187095	1.40397	1.40397	0.000356151	0.248856	-4.01839	0.535063	0.858617	-1.16466	0.16307	1.43515	1.43515	12.0425	11.2304	0.82894	1
cg01409448	6.83E-08	0.125967	-7.9386	9.63E-09	0.0701457	-14.256	1.86E-07	0.161615	-6.18755	1.69E-06	0.254167	-3.93441	160.441	33.1129	0.183455	1
cg12507788	0.0287862	0.542546	-1.84316	0.0418539	0.57338	-1.74404	0.308117	1.28423	1.28423	0.000633919	0.287999	-3.47223	23.9454	21.3265	0.791671	1
cg19819654	0.107787	0.691767	-1.44557	0.00365706	2.28269	2.28269	0.0384713	1.65452	1.65452	0.950398	0.987022	-1.01315	5.68955	3.97322	0.620744	1
cg19470962	0.00257593	0.239882	-4.16872	0.0140035	0.354654	-2.81965	0.486121	0.785232	-1.27351	0.0171503	0.370692	-2.69766	5.06725	9.36692	1.64313	1
cg18036873	0.799256	0.967561	-1.03353	0.0119741	0.666508	-1.50036	0.345751	1.1339	1.1339	0.321843	1.14161	1.14161	3.74775	0.993989	0.235754	1
cg11806890	0.00952143	0.628646	-1.59072	0.0737651	1.3254	1.3254	0.96165	1.00682	1.00682	0.0607109	0.741665	-1.34832	3.54183	1.12057	0.281228	1
cg14154182	0.00490137	0.366328	-2.7298	0.00086165	0.259857	-3.84827	0.510896	0.835587	-1.19676	0.411934	0.797739	-1.25354	7.71344	8.86341	1.02141	1
cg21746459	0.795868	0.967453	-1.03364	0.000346855	0.479757	-2.08439	0.776057	1.03707	1.03707	0.238156	1.17081	1.17081	5.28941	1.3646	0.229323	1
cg11709875	0.0102735	1.49221	1.49221	0.205553	1.1797	1.1797	0.287522	1.14643	1.14643	0.00189245	1.72433	1.72433	4.18569	1.01511	0.215572	1
cg22379905	0.533263	1.26021	1.26021	6.66E-05	0.0686398	-14.5688	0.0378619	0.413754	-2.41689	0.00542121	0.261514	-3.82389	12.4646	26.5182	1.8911	1
cg04857136	0.3278	0.919746	-1.08726	0.318202	0.918104	-1.0892	0.857012	0.985174	-1.01505	0.525554	1.05472	1.05472	76.0374	8.2602	0.096563	1
cg01016847	0.116259	0.516425	-1.93639	0.000925449	0.147315	-6.78817	0.0448471	0.410058	-2.43868	0.0061586	0.250714	-3.98861	9.27133	22.0091	2.11012	1
cg07436208	0.0719949	0.31392	-3.18552	0.00555592	0.122261	-8.17925	0.0653946	0.303256	-3.29754	0.235922	0.488441	-2.04733	4.59207	24.205	4.68537	1
cg01231620	0.436768	1.21555	1.21555	0.645678	0.892338	-1.12065	0.443226	1.2121	1.2121	0.190868	1.40605	1.40605	3.82951	3.67185	0.852293	1
cg17436224	0.0743241	0.805098	-1.24208	0.000103724	0.473096	-2.11373	0.256645	1.13778	1.13778	0.0103285	1.42228	1.42228	11.2255	2.11321	0.167334	1
cg03968970	0.204092	0.485768	-2.05859	?	?	?	0.939862	1.04067	1.04067	0.462672	0.672018	-1.48806	16.8998	47.423	2.80613	1
cg13079949	3.97E-05	0.2733	-3.65898	1.80E-05	0.235414	-4.24783	0.00939631	0.580604	-1.72235	0.000317342	0.381787	-2.61926	26.0031	11.2269	0.38378	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18226126	MRPL54	7.28E-05	0.000250646	0.289092	-3.4591	0.59156	0.894677	-1.11772	0.00618122	0.480128	-2.08278	0.053384	1.56969	1.56969	4.01E-06	0.110781	-9.02684
cg16260977	MRPL54;APBA3	0.00173304	0.0212246	1.42656	1.42656	0.115947	1.24502	1.24502	0.0172489	1.45079	1.45079	0.0806604	0.779978	-1.28209	0.431309	0.902109	-1.10851
cg07963189	MRPL54;APBA3	0.0104276	0.0466543	0.711069	-1.40633	0.462677	0.89413	-1.11841	0.952971	0.991211	-1.00887	0.339472	1.15878	1.15878	0.345259	1.15662	1.15662
cg26225838	MRPL54;APBA3	0.0297796	0.000737225	0.298907	-3.34553	0.427241	0.826198	-1.21036	0.75918	0.930139	-1.07511	0.149673	1.4388	1.4388	0.272784	1.30844	1.30844
cg18778608	MRPL54;APBA3	0.0357266	0.583713	0.921397	-1.08531	0.919607	1.01505	1.01505	0.0636849	1.36125	1.36125	0.0973011	1.30889	1.30889	0.19828	1.22279	1.22279
cg15010067	MRPL54;APBA3	0.0402755	0.499948	1.14711	1.14711	0.241529	1.27853	1.27853	0.0316272	1.65707	1.65707	0.146529	0.731724	-1.36664	0.0205594	0.571675	-1.74925
cg02062404	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	6.22E-05	0.513279	0.91754	-1.08987	0.11679	0.801567	-1.24756	8.02E-06	0.281494	-3.55247	0.320499	1.14253	1.14253	0.0133487	0.671759	-1.48863
cg01416578	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.00018692	4.26E-05	0.110357	-9.06153	0.00806055	0.382386	-2.61516	0.837035	1.06007	1.06007	0.00245912	0.303279	-3.29729	0.0164997	0.436151	-2.29278
cg14845385	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.00543777	?	?	?	0.205447	2.11238	2.11238	0.0626748	3.26982	3.26982	0.838114	1.12031	1.12031	0.000392084	0.0336346	-29.7313
cg05961374	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.0136878	0.0314465	0.25242	-3.96165	0.0452413	0.28558	-3.50165	0.0512642	0.29793	-3.35649	0.13662	0.416919	-2.39855	0.00519459	0.133676	-7.48078
cg19680616	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.0294228	0.0352894	0.194374	-5.14471	0.930083	0.943054	-1.06038	0.195155	0.400319	-2.49801	0.971851	1.02386	1.02386	0.00440926	0.0789093	-12.6728
cg07166216	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.0360598	0.437859	1.15092	1.15092	0.535802	1.11781	1.11781	0.724762	0.939141	-1.0648	0.0218914	0.613545	-1.62987	0.715555	0.937065	-1.06716
cg16733813	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.0458897	0.0570705	0.327958	-3.04917	0.0533407	0.320905	-3.11619	0.0362805	0.283485	-3.52753	0.261935	0.545656	-1.83266	0.0218751	0.240633	-4.15571
cg15459342	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRP	0.0380931	0.0982132	0.851633	-1.17421	0.121502	1.16027	1.16027	0.479176	1.06577	1.06577	0.170092	0.878636	-1.13813	0.282205	0.905786	-1.10401
cg24613956	MRPS10	3.88E-06	0.00273578	0.447193	-2.23617	5.01E-07	0.0649067	-15.4067	2.31E-05	0.192574	-5.19282	0.0712083	0.675606	-1.48015	8.86E-07	0.0788563	-12.6813
cg25292277	MRPS10	0.000389463	0.298012	0.892628	-1.12029	0.0121866	1.38943	1.38943	0.00207072	0.633419	-1.57873	0.0184357	1.35122	1.35122	0.115368	1.19749	1.19749
cg19221370	MRPS10	0.00109036	0.0248936	0.427564	-2.33883	0.000957796	0.196411	-5.09136	0.0359086	0.461204	-2.16824	0.375683	0.753839	-1.32654	0.000105349	0.0966994	-10.3413
cg13713450	MRPS10	0.0034108	0.993981	1.00187	1.00187	0.00946339	0.442842	-2.25814	0.00982241	2.24455	2.24455	0.00185967	0.33492	-2.98579	0.00655989	0.416998	-2.39809
cg09487570	MRPS10	0.0450448	0.0512	1.31451	1.31451	0.268061	0.867545	-1.15268	0.388076	1.11511	1.11511	0.00632365	1.54948	1.54948	0.283457	1.14712	1.14712
cg26768918	MRPS11;MRPL46;MRPS11	0.00391025	9.03E-05	0.52032	-1.92189	0.319444	1.10076	1.10076	0.00653826	0.71916	-1.39051	0.0808442	0.83474	-1.19798	0.936602	0.992605	-1.00745
cg27047371	MRPS11;MRPL46;MRPS11;MRPS11;MRPS11	0.0104944	0.884157	1.04031	1.04031	0.0663964	1.74734	1.74734	0.0218699	2.10797	2.10797	0.200535	0.693147	-1.4427	0.00056782	0.235186	-4.25195
cg00754836	MRPS11;MRPS11	0.0249227	0.956098	0.991959	-1.00811	0.0649319	0.737879	-1.35524	0.0400797	0.706146	-1.41614	0.375302	0.875072	-1.14276	0.290915	0.851519	-1.17437
cg24681573	MRPS12;MRPS12;MRPS12	0.00514616	0.634222	1.08063	1.08063	0.00836698	1.72473	1.72473	0.432291	1.13843	1.13843	0.248909	1.21528	1.21528	0.00219646	0.499241	-2.00304
cg09961571	MRPS12;MRPS12;SARS2;MRPS12;MRPS12;SARS2	0.0204972	0.666919	1.12407	1.12407	0.0826648	1.68063	1.68063	0.0128768	2.30293	2.30293	0.407638	0.79549	-1.25709	0.050971	0.548531	-1.82305
cg25522582	MRPS12;MRPS12;SARS2;MRPS12;SARS2	0.00309426	0.781219	1.06749	1.06749	0.0102548	0.468133	-2.13615	0.0169255	0.504928	-1.98048	0.434236	1.20582	1.20582	7.10E-05	0.182819	-5.4699
cg18455978	MRPS12;SARS2;MRPS12;MRPS12;SARS2	0.0172147	0.00257576	0.491469	-2.03472	0.204925	0.796626	-1.25529	0.0125261	0.589789	-1.69552	0.984332	1.00334	1.00334	0.0155533	0.603882	-1.65595
cg13615044	MRPS12;SARS2;MRPS12;MRPS12;SARS2	0.0313828	0.03932	0.575299	-1.73823	0.631633	0.894039	-1.11852	0.171065	0.713231	-1.40207	0.113639	0.670891	-1.49056	0.475539	0.845152	-1.18322
cg14910450	MRPS12;SARS2;MRPS12;MRPS12;SARS2	0.0390062	0.590636	0.950938	-1.05159	0.525983	0.942208	-1.06134	0.0191011	1.30053	1.30053	0.00369305	1.43835	1.43835	0.0548207	1.22356	1.22356
cg26541001	MRPS12;SARS2;SARS2;MRPS12;MRPS12	0.000553587	0.000223849	0.280092	-3.57026	0.0015291	0.388592	-2.57339	0.05263	0.633463	-1.57862	0.0203408	1.7852	1.7852	0.000319568	0.299028	-3.34417
cg12127780	MRPS12;SARS2;SARS2;SARS2;MRPS12;MRPS12;MRPS12;SARS2	0.000540347	?	?	?	0.0016781	0.252341	-3.9629	0.185654	1.46483	1.46483	?	?	?	?	?	?
cg08914916	MRPS12;SARS2;SARS2;SARS2;MRPS12;MRPS12;MRPS12;SARS2	0.00238606	0.000170733	0.58752	-1.70207	0.155403	0.88114	-1.13489	0.0339092	0.81373	-1.22891	0.00728802	0.749721	-1.33383	0.470828	0.940766	-1.06296
cg07705639	MRPS14	0.00314672	0.285069	0.669447	-1.49377	0.793743	1.09933	1.09933	0.869846	1.06106	1.06106	0.0547937	0.4551	-2.19732	0.0271959	0.388763	-2.57226
cg15466587	MRPS14	0.00704986	0.000508983	0.0282445	-35.4052	?	?	?	0.77922	1.16718	1.16718	?	?	?	0.523267	1.42936	1.42936
cg20159036	MRPS14	0.00727406	0.00638625	1.6962	1.6962	0.00185532	0.518036	-1.93037	0.02555	0.673661	-1.48443	0.503197	1.10645	1.10645	0.100214	1.30753	1.30753
cg03646474	MRPS14	0.00852434	0.345487	1.14957	1.14957	0.0244624	1.46894	1.46894	0.00161973	1.91209	1.91209	0.652376	1.06721	1.06721	0.126531	1.26759	1.26759
cg13675469	MRPS14	0.0278338	0.941531	1.0099	1.0099	0.00490645	1.64958	1.64958	0.0979185	1.27608	1.27608	0.388916	1.12588	1.12588	0.0851036	0.774426	-1.29128
cg13390007	MRPS15	0.00215155	0.19322	1.19358	1.19358	0.40682	1.11523	1.11523	0.551691	0.925525	-1.08047	0.000207686	2.22121	2.22121	0.00327945	1.67363	1.67363
cg05154390	MRPS15	0.00267816	0.881391	1.03396	1.03396	0.0022669	2.59928	2.59928	0.0112738	2.03382	2.03382	0.0319752	1.75427	1.75427	0.115995	1.46533	1.46533
cg14669362	MRPS15	0.00416378	0.577722	1.22269	1.22269	0.017535	0.3558	-2.81057	0.00150934	0.195117	-5.12512	0.00153163	0.195887	-5.10499	0.349903	0.708943	-1.41055
cg10779037	MRPS15	0.00560332	0.117226	0.692822	-1.44337	0.110647	0.687357	-1.45485	0.577334	0.885665	-1.1291	0.0256277	0.564505	-1.77146	0.128718	1.4249	1.4249
cg00248935	MRPS15	0.0120076	0.465585	1.15902	1.15902	0.0654864	1.5081	1.5081	0.562464	1.12342	1.12342	0.741629	0.936365	-1.06796	0.676786	1.08688	1.08688
cg01873305	MRPS15	0.0192429	0.139034	2.05387	2.05387	0.0074222	0.210402	-4.7528	0.016002	0.263711	-3.79202	0.736505	1.16491	1.16491	0.998969	0.999416	-1.00058
cg19816734	MRPS15	0.0316263	0.0149833	1.37602	1.37602	0.641189	1.05137	1.05137	0.0258449	0.75398	-1.3263	0.158874	1.17434	1.17434	0.217711	1.14842	1.14842
cg03037366	MRPS16	0.0028666	0.0157255	0.703949	-1.42056	0.896325	0.984658	-1.01558	0.0343977	1.33996	1.33996	0.915314	1.01269	1.01269	0.000135672	2.18895	2.18895
cg07995365	MRPS16	0.00743265	0.311765	0.871849	-1.14699	0.590194	1.07385	1.07385	0.22411	1.18219	1.18219	0.0169256	0.682647	-1.46488	0.977319	0.996281	-1.00373
cg03579942	MRPS16	0.0126766	0.136082	0.836636	-1.19526	0.259727	1.13947	1.13947	0.000386415	0.533248	-1.8753	0.706631	0.958879	-1.04288	0.0092874	0.693135	-1.44272
cg11469325	MRPS16;MRPS16	0.0402545	0.136572	0.762387	-1.31167	0.876393	1.02668	1.02668	0.382784	0.859503	-1.16346	0.335016	0.845204	-1.18315	0.0370086	0.663854	-1.50636
cg24123124	MRPS17	7.26E-06	0.000118223	0.72949	-1.37082	1.04E-06	1.81971	1.81971	0.0134514	1.15402	1.15402	0.00673773	0.848356	-1.17875	0.00225377	1.22156	1.22156
cg18962747	MRPS17	0.000987794	0.0157764	0.577588	-1.73134	0.265062	0.806109	-1.24053	0.883828	1.0275	1.0275	0.000265988	0.329233	-3.03736	0.663657	0.922014	-1.08458
cg21838970	MRPS17	0.0122027	0.00514758	0.0939536	-10.6435	0.683298	1.30024	1.30024	0.0130868	0.139455	-7.17076	0.331775	1.89823	1.89823	0.00889859	0.118768	-8.41979
cg20252735	MRPS17	0.0158028	0.0160036	0.536898	-1.86255	0.45467	0.851616	-1.17424	0.261055	1.28046	1.28046	0.00373727	0.437881	-2.28373	0.664402	1.09644	1.09644
cg17804177	MRPS17	0.0274298	0.475759	1.54888	1.54888	0.151518	0.395675	-2.52733	0.411007	1.66066	1.66066	0.283278	1.95937	1.95937	?	?	?
cg03703435	MRPS17	0.0452575	0.0227341	0.0894606	-11.1781	0.935716	1.07403	1.07403	0.0647158	0.159314	-6.27689	0.834935	0.831324	-1.2029	0.0135984	0.0670004	-14.9253
cg23228491	MRPS17	0.0468717	0.191581	0.762668	-1.31119	0.777413	1.05711	1.05711	0.798771	1.05134	1.05134	0.00244794	0.437765	-2.28433	0.356044	1.20446	1.20446
cg25598409	MRPS18A	7.63E-06	0.202394	1.14243	1.14243	0.275152	1.11888	1.11888	4.85E-08	6.52638	6.52638	0.0174883	1.33131	1.33131	0.114596	1.18505	1.18505
cg26888317	MRPS18A	3.95E-05	0.14336	1.1929	1.1929	0.0515708	0.779932	-1.28216	5.82E-07	4.69367	4.69367	0.659329	0.951456	-1.05102	0.467203	0.920367	-1.08652
cg12585005	MRPS18A	7.69E-05	0.301903	0.797677	-1.25364	0.941548	1.01562	1.01562	1.06E-06	14.8205	14.8205	0.00173573	2.5705	2.5705	0.797927	0.947218	-1.05572
cg07445691	MRPS18A	0.000116577	0.561773	1.11644	1.11644	0.19918	0.775138	-1.29009	1.02E-06	11.0836	11.0836	0.669528	0.922552	-1.08395	0.243187	0.795093	-1.25771
cg24027596	MRPS18A	0.00110747	0.00018927	0.312466	-3.20034	0.0429191	1.53816	1.53816	0.14751	0.750353	-1.33271	0.00944692	0.544488	-1.83659	0.00107584	0.40962	-2.44129
cg16666115	MRPS18A	0.0011237	0.348731	0.802171	-1.24662	0.360085	0.80654	-1.23986	1.45E-05	7.8476	7.8476	0.268202	0.768338	-1.30151	0.599656	0.886012	-1.12865
cg25824330	MRPS18A	0.00283741	0.0994715	1.54908	1.54908	0.587822	1.14184	1.14184	5.00E-05	6.32238	6.32238	0.23493	1.35222	1.35222	0.495413	0.845538	-1.18268
cg07568141	MRPS18A	0.00289742	0.0416899	0.362741	-2.75679	0.0359499	2.86865	2.86865	0.000920193	8.48631	8.48631	0.0426665	2.73972	2.73972	0.0016194	0.142056	-7.03946
cg02174359	MRPS18A	0.035142	0.0195339	0.522491	-1.91391	0.0106545	0.477819	-2.09284	0.00726552	0.45092	-2.21769	0.114447	0.673749	-1.48423	0.314426	0.787192	-1.27034
cg03473408	MRPS18B	9.10E-06	0.105848	0.805867	-1.2409	1.88E-05	0.345103	-2.89769	1.61E-06	0.228726	-4.37205	0.00266546	1.6613	1.6613	0.0242034	0.720115	-1.38867
cg16226373	MRPS18B	0.000112321	0.134892	1.57695	1.57695	0.00401931	0.335478	-2.98082	0.233407	1.42344	1.42344	0.733991	1.10119	1.10119	0.000105286	0.14429	-6.93046
cg01702407	MRPS18B	0.000800535	0.428178	0.823499	-1.21433	0.176759	1.41159	1.41159	0.00973498	2.19234	2.19234	0.716145	0.916065	-1.09163	0.000124059	0.200607	-4.98488
cg11738164	MRPS18B	0.00387166	0.84066	1.01215	1.01215	0.261206	1.07284	1.07284	0.000651538	1.36838	1.36838	0.0592392	0.880041	-1.13631	0.92902	0.994668	-1.00536
cg02172885	MRPS18B	0.00393886	0.458963	0.906051	-1.10369	0.118687	0.801233	-1.24808	0.00902221	1.54392	1.54392	0.824932	1.02941	1.02941	0.000365405	0.473754	-2.1108
cg11330329	MRPS18B	0.016541	0.0658544	1.32913	1.32913	0.030841	1.41843	1.41843	0.345992	0.874769	-1.14316	0.228542	0.84011	-1.19032	0.962429	1.00652	1.00652
cg03955698	MRPS18B	0.0431177	0.0924371	0.436344	-2.29177	0.130251	2.07898	2.07898	0.245761	1.72228	1.72228	0.484946	0.727741	-1.37411	0.0128761	0.250828	-3.9868
cg01245721	MRPS18B;C6orf134	0.0330889	0.00749651	0.366982	-2.72493	0.120888	0.612704	-1.63211	0.0333928	0.484798	-2.06271	0.894646	0.962147	-1.03934	0.256472	0.708245	-1.41194
cg08188471	MRPS18B;C6orf134	0.0405267	0.00394952	0.141448	-7.06976	?	?	?	0.00587552	0.162243	-6.16359	0.182471	0.489796	-2.04167	0.43948	0.671828	-1.48848
cg16210397	MRPS18B;MRPS18B;PPP1R10	0.00132841	0.0045734	0.591126	-1.69169	0.0117584	1.54987	1.54987	0.00464305	1.68925	1.68925	0.00607662	0.607251	-1.64676	0.00144652	0.526791	-1.89828
cg26088994	MRPS18B;MRPS18B;PPP1R10	0.0244394	0.655911	1.09514	1.09514	0.190699	0.755177	-1.32419	0.363263	1.20847	1.20847	0.583303	0.893802	-1.11882	0.153097	0.733406	-1.3635
cg12245402	MRPS18B;PPP1R10	7.07E-05	0.183499	0.931905	-1.07307	0.000165028	0.706048	-1.41633	5.16E-06	0.553453	-1.80684	2.10E-05	0.619354	-1.61459	0.00359043	0.814466	-1.2278
cg14654951	MRPS18B;PPP1R10	0.000239272	0.43172	0.945151	-1.05803	0.319134	1.07506	1.07506	2.43E-05	1.80595	1.80595	0.175524	0.903693	-1.10657	0.149635	0.897091	-1.11471
cg02809877	MRPS18B;PPP1R10	0.000283029	0.310769	0.842229	-1.18733	0.00074323	2.31262	2.31262	0.0138424	1.64541	1.64541	0.00650931	1.78416	1.78416	0.240809	0.817874	-1.22268
cg24657127	MRPS18B;PPP1R10	0.000382191	4.89E-05	0.263973	-3.78827	0.204078	1.26351	1.26351	0.00037015	2.70327	2.70327	0.321191	1.19584	1.19584	0.448047	0.873779	-1.14445
cg26722322	MRPS18B;PPP1R10	0.00084112	0.00121553	0.153171	-6.52864	0.127055	1.78371	1.78371	0.209053	0.631337	-1.58394	?	?	?	0.000534087	0.111702	-8.9524
cg18207141	MRPS18B;PPP1R10	0.00132881	?	?	?	?	?	?	0.00132881	20.8201	20.8201	?	?	?	?	?	?
cg18561902	MRPS18B;PPP1R10	0.00166067	0.731363	1.12386	1.12386	0.839685	0.93367	-1.07104	0.960055	1.01712	1.01712	1.56E-05	0.0485471	-20.5986	0.917403	0.965462	-1.03577
cg04176995	MRPS18B;PPP1R10	0.00225748	0.000506717	0.131666	-7.59497	0.091344	0.499667	-2.00133	0.00904447	0.289942	-3.44897	0.011737	0.308919	-3.2371	0.000215941	0.0998775	-10.0123
cg07800254	MRPS18B;PPP1R10	0.00978339	0.139599	0.791791	-1.26296	0.00905361	0.61437	-1.62768	0.438808	1.12296	1.12296	0.730683	1.05205	1.05205	0.0536529	1.37961	1.37961
cg15961920	MRPS18B;PPP1R10	0.0113933	0.0084193	0.222483	-4.49472	0.106952	0.455673	-2.19456	0.0609739	0.389394	-2.56809	0.124734	0.476028	-2.10072	0.000645072	0.096514	-10.3612
cg15735240	MRPS18B;PPP1R10	0.0120652	0.00818016	0.144876	-6.90248	0.131846	0.395144	-2.53072	0.143399	0.407538	-2.45376	0.567866	0.719223	-1.39039	0.00664534	0.133884	-7.46913
cg12503292	MRPS18B;PPP1R10	0.0131413	0.151612	0.80681	-1.23945	0.0493558	1.36811	1.36811	0.580408	1.08114	1.08114	0.000579954	0.475383	-2.10357	0.750576	0.956416	-1.04557
cg00990221	MRPS18B;PPP1R10	0.0196225	0.608849	1.11477	1.11477	0.00617432	2.12103	2.12103	0.00256238	2.41211	2.41211	0.109534	1.44383	1.44383	0.793126	1.05689	1.05689
cg00918762	MRPS18B;PPP1R10	0.0214903	0.000979127	0.289228	-3.45748	0.0578607	1.72047	1.72047	0.454495	1.21261	1.21261	0.7653	1.0787	1.0787	0.129637	0.660805	-1.51331
cg23326824	MRPS18B;PPP1R10	0.0234381	0.885963	0.976136	-1.02445	0.436572	0.87495	-1.14292	0.0953499	0.73461	-1.36127	0.309407	1.1937	1.1937	0.0244548	1.57021	1.57021
cg23988749	MRPS18B;PPP1R10	0.0260455	0.0631552	0.444196	-2.25126	0.676465	1.17697	1.17697	0.452223	1.34631	1.34631	0.774902	1.11776	1.11776	0.000796943	0.139922	-7.14683
cg03441461	MRPS18B;PPP1R10	0.0481844	0.426919	0.870759	-1.14842	0.85205	0.96865	-1.03236	0.0292376	1.54999	1.54999	0.135091	1.31628	1.31628	0.25021	1.22751	1.22751
cg26365668	MRPS18C;HELQ	0.00409764	0.00469779	0.171863	-5.81857	0.00238324	0.137402	-7.2779	0.0949831	0.423173	-2.3631	0.0514452	0.353704	-2.82722	0.00476465	0.172645	-5.79222
cg13958495	MRPS2	0.000373019	0.117397	0.711863	-1.40476	6.06E-05	0.227538	-4.39486	0.000499847	0.33685	-2.96868	0.242214	1.27712	1.27712	7.87E-05	0.240056	-4.16569
cg21179492	MRPS2	0.00752919	0.164606	0.604574	-1.65406	0.0959329	1.86005	1.86005	0.132921	0.576799	-1.73371	0.962715	0.984259	-1.01599	0.00328498	0.256766	-3.8946
cg12438037	MRPS2	0.037226	0.0777101	0.519273	-1.92577	0.346085	0.72302	-1.38309	0.101516	0.549231	-1.82073	0.866754	0.945419	-1.05773	0.0187833	0.386124	-2.58984
cg04560832	MRPS21;MRPS21	7.53E-08	1.18E-07	0.109951	-9.095	2.47E-06	4.43365	4.43365	0.586468	0.930874	-1.07426	4.39E-05	2.74652	2.74652	4.78E-08	0.0839886	-11.9064
cg20161996	MRPS21;MRPS21	5.95E-06	8.90E-06	0.222746	-4.48941	0.649939	1.07384	1.07384	5.80E-05	0.312817	-3.19675	0.00928928	1.67302	1.67302	4.93E-05	0.304609	-3.2829
cg23650482	MRPS21;MRPS21	0.00112926	0.840117	1.01863	1.01863	0.333374	0.91286	-1.09546	0.377821	0.920643	-1.0862	0.610799	0.954184	-1.04802	0.364264	0.918339	-1.08892
cg02735919	MRPS21;MRPS21	0.00775201	0.148639	0.606688	-1.64829	0.74191	0.898877	-1.1125	0.0136347	0.373683	-2.67607	0.584442	1.19502	1.19502	0.00857161	0.339008	-2.94978
cg22047672	MRPS21;MRPS21	0.0155139	0.764163	0.910711	-1.09804	0.13159	0.60292	-1.6586	0.262154	0.695278	-1.43827	0.199651	0.656259	-1.52379	0.005243	0.318345	-3.14124
cg03516270	MRPS21;MRPS21	0.0186647	0.966536	1.02015	1.02015	0.148415	0.478471	-2.08999	0.233559	0.552154	-1.81109	0.817748	1.11602	1.11602	0.00642214	0.185274	-5.39742
cg25373063	MRPS21;MRPS21	0.0243732	0.641162	1.17525	1.17525	0.777244	1.1025	1.1025	0.0070981	0.302223	-3.30882	0.00829717	0.313183	-3.19302	0.808524	0.919872	-1.08711
cg07843065	MRPS21;MRPS21	0.0446213	0.748677	0.893191	-1.11958	0.947409	1.02345	1.02345	0.108109	0.540093	-1.85153	0.450329	1.31034	1.31034	0.0143455	0.346181	-2.88866
cg23819679	MRPS21;MRPS21;MRPS21	0.00825923	0.000116917	0.0285676	-35.0047	0.472419	1.4697	1.4697	0.998057	1.00128	1.00128	0.481655	0.686048	-1.45762	0.688303	1.23672	1.23672
cg26535484	MRPS21;MRPS21;MRPS21;MRPS21	0.00211313	0.00109868	0.447584	-2.23422	0.839662	1.03441	1.03441	0.278564	1.20704	1.20704	0.00167998	0.472317	-2.11722	0.57657	0.910081	-1.0988
cg18031008	MRPS21;MRPS21;MRPS21;MRPS21	0.0231963	0.20169	0.752935	-1.32814	0.82071	1.04894	1.04894	0.0173799	1.83975	1.83975	0.0176943	0.544855	-1.83535	0.0872268	0.672024	-1.48804
cg14879736	MRPS22	0.000138964	0.000588744	1.85068	1.85068	0.0416771	1.31288	1.31288	0.755494	1.03688	1.03688	0.0171844	1.40019	1.40019	0.00509937	1.53585	1.53585
cg25781480	MRPS22	0.000509017	0.213268	0.806743	-1.23955	0.00787114	1.74831	1.74831	0.00682638	1.77566	1.77566	0.809739	1.04031	1.04031	0.452203	1.1337	1.1337
cg11277156	MRPS22	0.0141825	0.115331	0.41374	-2.41697	0.00298701	0.122502	-8.16315	0.0192588	0.232356	-4.30374	0.280981	0.561216	-1.78184	0.00720685	0.167327	-5.97633
cg21877939	MRPS22	0.0227437	0.213613	0.850238	-1.17614	0.9052	0.985348	-1.01487	0.330995	1.13231	1.13231	0.252964	1.15942	1.15942	0.230487	1.16865	1.16865
cg05051121	MRPS22	0.0251919	0.438651	0.86341	-1.1582	0.00409634	0.488654	-2.04644	0.0178364	1.70817	1.70817	0.428536	1.16214	1.16214	0.100564	1.39714	1.39714
cg21182694	MRPS22	0.0341403	0.967551	0.994372	-1.00566	0.608648	1.07428	1.07428	0.675672	1.06012	1.06012	0.197366	0.827729	-1.20812	0.985734	0.997522	-1.00248
cg13910291	MRPS23	0.000349518	0.0298813	1.26095	1.26095	6.01E-05	1.96006	1.96006	6.47E-05	1.94631	1.94631	0.00888624	1.35273	1.35273	0.970333	0.996631	-1.00338
cg14789960	MRPS23	0.00321204	0.000222575	0.561623	-1.78055	0.709629	1.03573	1.03573	0.0348378	0.793853	-1.25968	0.148969	0.86479	-1.15635	0.000779342	0.620595	-1.61136
cg24186864	MRPS23;MRPS23	0.00824009	0.196305	1.21646	1.21646	0.821164	0.968052	-1.033	0.183484	1.22432	1.22432	0.249338	0.841418	-1.18847	0.0733474	1.33156	1.33156
cg13736585	MRPS24	1.59E-05	0.000244424	0.455374	-2.196	0.0795287	0.776833	-1.28728	0.198974	0.838521	-1.19258	2.52E-05	0.337875	-2.95968	2.25E-06	0.223118	-4.48194
cg11213199	MRPS24	0.000153923	0.86696	0.993876	-1.00616	0.0137824	1.118	1.118	0.0580017	1.08167	1.08167	2.55E-06	1.51659	1.51659	0.0862401	1.07191	1.07191
cg11528101	MRPS24	0.000364098	0.148556	0.715345	-1.39793	0.917727	1.02084	1.02084	3.94E-05	0.0250118	-39.9812	0.0030471	3.32527	3.32527	?	?	?
cg01643320	MRPS24	0.00239058	0.605483	1.33899	1.33899	0.817084	0.878271	-1.1386	0.993331	1.00469	1.00469	0.635998	1.30618	1.30618	0.240174	0.502088	-1.99168
cg26422134	MRPS24	0.00379883	0.133283	1.12218	1.12218	0.370199	1.06769	1.06769	0.0143263	1.23977	1.23977	0.0147455	0.807665	-1.23814	0.00671719	1.28427	1.28427
cg15957615	MRPS24	0.00727357	0.00020558	0.0993876	-10.0616	0.612663	0.827341	-1.20869	0.723562	1.14093	1.14093	0.489049	0.770344	-1.29812	0.714281	1.14627	1.14627
cg18017531	MRPS25	6.34E-06	1.17E-06	0.0827643	-12.0825	2.93E-05	0.197591	-5.06096	0.00257369	0.437376	-2.28636	0.00241985	0.433553	-2.30652	8.64E-06	0.147607	-6.77475
cg17557870	MRPS25	0.000166389	6.75E-05	0.104886	-9.53419	0.000117737	0.124501	-8.03207	0.0112695	0.374939	-2.6671	0.00127419	0.234037	-4.27283	0.000224175	0.149939	-6.66936
cg26692296	MRPS25	0.00114312	0.000283152	0.468875	-2.13276	0.0028455	1.68959	1.68959	0.0500943	0.751832	-1.33008	0.0994655	0.794081	-1.25932	0.0207214	0.700747	-1.42705

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18226126	0.000755004	0.350091	-2.8564	0.000105812	0.244991	-4.08179	0.0821981	0.673254	-1.48532	0.0730026	0.663076	-1.50812	24.0984	16.1125	0.594324	1
cg16260977	0.00400854	0.608991	-1.64206	0.00025973	0.462722	-2.16113	0.278376	1.15554	1.15554	0.281117	1.15452	1.15452	10.0516	2.61895	0.2316	1
cg07963189	0.611081	0.926108	-1.07979	0.000205001	0.394074	-2.53759	0.804062	1.03791	1.03791	0.535879	1.09838	1.09838	5.83187	2.0694	0.315415	1
cg26225838	0.764475	1.07333	1.07333	0.951831	0.985873	-1.01433	0.679636	1.10275	1.10275	0.504333	1.17302	1.17302	4.09754	3.60004	0.780965	1
cg18778608	0.814509	0.96583	-1.03538	0.28426	0.848268	-1.17887	0.0144242	1.56215	1.56215	0.00401139	1.77171	1.77171	3.83844	1.33043	0.308094	1
cg15010067	0.120715	0.71369	-1.40117	0.022658	0.578737	-1.7279	0.42285	0.848671	-1.17831	0.627868	0.906737	-1.10286	3.67383	2.33742	0.565543	1
cg02062404	0.101951	0.792652	-1.26159	2.85E-05	0.343897	-2.90785	0.000328519	0.470904	-2.12357	5.88E-05	0.380775	-2.62622	25.1224	6.70412	0.237208	1
cg01416578	0.0900301	0.589045	-1.69766	3.18E-05	0.100789	-9.92172	0.115063	1.62474	1.62474	0.0593842	1.82728	1.82728	18.7109	23.7763	1.12953	1
cg14845385	?	?	?	0.45521	1.52728	1.52728	?	?	?	0.877447	1.08947	1.08947	8.89655	28.347	3.71734	1
cg05961374	0.0116865	0.179253	-5.5787	0.00220201	0.0961768	-10.3975	0.0400553	0.274037	-3.64914	0.0145243	0.193479	-5.16852	5.33928	25.1685	4.19008	1
cg19680616	0.0207143	0.155537	-6.42936	0.0086214	0.106685	-9.37336	0.413432	0.571984	-1.7483	0.0461702	0.217322	-4.60146	4.11509	29.0936	6.28441	1
cg07166216	0.00122017	0.431468	-2.31767	0.512804	0.888791	-1.12512	0.835066	1.03773	1.03773	0.780864	1.05078	1.05078	3.82553	1.91136	0.444119	1
cg16733813	0.0132422	0.203955	-4.90304	0.0390892	0.290374	-3.44383	0.0775744	0.362086	-2.76177	0.0221116	0.241479	-4.14115	3.49974	14.8635	3.77515	1
cg15459342	0.888348	1.01252	1.01252	0.0250245	1.26629	1.26629	0.835311	1.0186	1.0186	0.00650789	1.3677	1.3677	3.74978	0.465639	0.11038	1
cg24613956	0.00130241	2.48738	2.48738	0.00395708	0.470395	-2.12587	0.186777	0.76161	-1.31301	0.0227481	0.588312	-1.69978	51.8257	31.0813	0.533091	1
cg25292277	0.327994	1.11216	1.11216	0.000125431	2.02063	2.02063	0.00220464	0.636474	-1.57116	0.00742205	0.695522	-1.43777	15.3124	2.68842	0.156063	1
cg19221370	0.0153831	0.386179	-2.58947	0.944062	0.97851	-1.02196	0.000724111	0.181371	-5.51355	0.000847021	0.189714	-5.27108	13.9451	20.7212	1.15571	1
cg13713450	0.0330823	0.539425	-1.85383	0.819327	1.05831	1.05831	0.384492	1.24717	1.24717	0.0500815	1.73917	1.73917	8.23716	8.00519	0.863857	1
cg09487570	0.0318071	0.733508	-1.36331	0.944122	1.00867	1.00867	0.756387	1.03907	1.03907	0.57987	0.93345	-1.0713	3.52421	0.846689	0.213555	1
cg26768918	0.027362	0.783832	-1.27578	0.190059	0.878538	-1.13826	0.328251	0.91014	-1.09873	0.193581	0.87954	-1.13696	7.90635	1.09018	0.122566	1
cg27047371	0.444457	1.23531	1.23531	0.400379	0.791877	-1.26282	0.388586	1.27065	1.27065	0.873977	1.04397	1.04397	5.81993	6.7733	1.0345	1
cg00754836	0.140276	1.26199	1.26199	0.00283452	1.82725	1.82725	0.312859	0.858044	-1.16544	0.287629	0.850513	-1.17576	4.36193	1.48589	0.302799	1
cg24681573	0.210849	0.807925	-1.23774	0.833399	0.966497	-1.03466	0.0011666	2.16235	2.16235	0.562045	1.09948	1.09948	7.27427	3.01532	0.368461	1
cg09961571	0.0954739	0.609731	-1.64007	0.0534173	1.80877	1.80877	0.669898	1.12281	1.12281	0.0106007	2.38263	2.38263	4.66542	5.39139	1.02721	1
cg25522582	0.498745	1.17478	1.17478	0.943091	1.01689	1.01689	0.828447	0.95037	-1.05222	0.557989	0.870252	-1.14909	8.47984	7.38959	0.774605	1
cg18455978	0.109454	0.74329	-1.34537	0.461072	1.13605	1.13605	0.834432	0.965045	-1.03622	0.108994	1.34598	1.34598	4.94866	2.26483	0.406814	1
cg13615044	0.834818	1.04961	1.04961	0.000715355	0.302853	-3.30193	0.945654	0.984317	-1.01593	0.154591	0.702366	-1.42376	4.02178	3.42475	0.756934	1
cg14910450	0.916751	0.990361	-1.00973	0.552695	1.05722	1.05722	0.201542	0.882546	-1.13309	0.735137	1.03196	1.03196	3.71737	0.505279	0.120821	1
cg26541001	0.00989715	0.508997	-1.96465	0.0140228	0.533351	-1.87494	0.00117995	0.373068	-2.68047	0.0284173	0.585081	-1.70917	13.892	9.4476	0.604512	1
cg12127780	?	?	?	0.000265725	0.142696	-7.00791	0.0129885	2.43839	2.43839	?	?	?	27.3489	12.9978	0.712889	1
cg08914916	0.838978	1.01708	1.01708	0.000353057	0.620192	-1.6124	0.249499	0.904676	-1.10537	0.115291	0.867173	-1.15317	9.15676	1.00475	0.0975356	1
cg07705639	0.918648	1.03761	1.03761	4.80E-05	0.062905	-15.897	0.346836	0.704611	-1.41922	0.31266	1.45857	1.45857	8.43753	17.4551	1.83888	1
cg15466587	?	?	?	0.0131802	0.159879	-6.25472	0.33891	0.578299	-1.72921	0.1974	0.465755	-2.14705	9.70615	29.476	3.03684	1
cg20159036	0.0591104	1.3734	1.3734	0.165466	1.24638	1.24638	0.376283	1.14475	1.14475	0.686129	1.06235	1.06235	6.53628	2.29472	0.312066	1
cg03646474	0.0584384	1.35899	1.35899	0.0107792	0.631576	-1.58334	0.0946739	1.30149	1.30149	0.0171047	1.51734	1.51734	6.21839	2.02688	0.289732	1
cg13675469	0.620393	0.935156	-1.06934	0.0119892	0.656481	-1.52327	0.819272	1.03121	1.03121	0.537111	1.08754	1.08754	4.19657	1.19837	0.25383	1
cg13390007	0.376208	1.1238	1.1238	0.0102285	0.659626	-1.51601	0.0548646	0.7559	-1.32293	0.132162	1.23225	1.23225	9.43855	2.46922	0.232542	1
cg05154390	0.284086	1.2826	1.2826	0.000631547	0.308907	-3.23722	0.240123	0.759507	-1.31664	0.101876	1.49255	1.49255	8.8506	7.01186	0.70422	1
cg14669362	0.894524	0.953687	-1.04856	0.304442	0.683725	-1.46258	0.209117	1.60526	1.60526	0.00158116	0.197563	-5.06167	7.75798	15.7024	1.79913	1
cg10779037	0.0276175	1.75366	1.75366	0.079383	0.657061	-1.52193	0.0045743	2.25752	2.25752	0.00512156	2.22019	2.22019	7.08692	5.22063	0.654806	1
cg00248935	0.109051	0.706602	-1.41522	0.0022352	0.427074	-2.34152	0.0359239	0.6157	-1.62417	0.0120573	1.86292	1.86292	5.57235	3.48544	0.555989	1
cg01873305	0.183216	1.89326	1.89326	0.00910445	4.47154	4.47154	0.879252	1.07113	1.07113	0.847439	0.916624	-1.09096	4.76654	15.4229	2.87615	1
cg19816734	0.50784	0.930812	-1.07433	0.021562	0.744873	-1.34251	0.145349	0.846305	-1.18161	0.952424	0.993653	-1.00639	4.01069	0.723469	0.160342	1
cg03037366	0.48776	1.0872	1.0872	0.288591	0.877522	-1.13957	0.0531959	0.77066	-1.29759	0.278896	0.875011	-1.14284	8.67439	1.93231	0.198009	1
cg07995365	0.45617	1.10457	1.10457	0.0374477	0.728737	-1.37224	0.142955	0.813568	-1.22915	0.000536649	2.02553	2.02553	6.49232	1.76595	0.241784	1
cg03579942	0.982928	0.997627	-1.00238	0.519675	0.930084	-1.07517	0.357493	0.900245	-1.11081	0.753816	1.03555	1.03555	5.47497	1.06936	0.173617	1
cg11469325	0.940739	1.01266	1.01266	0.00118666	0.44747	-2.23479	0.539705	0.900302	-1.11074	0.448192	1.13968	1.13968	3.67454	1.66524	0.402829	1
cg24123124	0.0490824	0.900175	-1.1109	0.118989	1.08243	1.08243	0.00615001	1.18213	1.18213	8.44E-06	1.57468	1.57468	44.0706	1.52954	0.0308502	1
cg18962747	0.552174	0.894397	-1.11807	0.000442441	2.79921	2.79921	0.316442	0.825151	-1.2119	0.00241018	0.456435	-2.19089	11.8076	6.43938	0.484765	1
cg21838970	0.889426	0.914808	-1.09313	0.0411972	0.221442	-4.51585	0.859284	0.892628	-1.12029	0.00495421	0.0923959	-10.823	5.54326	35.9689	5.76779	1
cg20252735	0.318365	1.24299	1.24299	0.113425	0.69537	-1.43808	0.0423031	1.6377	1.6377	0.0925528	1.4776	1.4776	5.09194	3.58738	0.626241	1
cg17804177	0.022835	0.193326	-5.17261	0.40631	0.59896	-1.66956	0.00203857	0.072545	-13.7845	0.619961	0.739622	-1.35204	4.29048	21.9876	5.12475	1
cg03703435	0.116584	0.220995	-4.52498	0.00973896	0.0553211	-18.0763	0.251779	0.34646	-2.88634	0.0364545	0.116182	-8.60718	3.518	43.6735	11.0349	1
cg23228491	0.151647	0.740053	-1.35125	0.119876	0.718445	-1.3919	0.226956	1.28221	1.28221	0.185026	0.75922	-1.31714	3.47199	2.1117	0.540631	1
cg25598409	0.38847	1.09138	1.09138	0.0216516	1.31364	1.31364	0.599951	1.05375	1.05375	0.837308	1.02055	1.02055	43.5217	6.74716	0.137804	1
cg26888317	0.0313561	0.753333	-1.32743	0.0106738	0.697661	-1.43336	0.385164	1.10502	1.10502	0.055751	1.27522	1.27522	28.3246	5.64415	0.177126	1
cg12585005	0.177659	1.35361	1.35361	0.0361024	0.597407	-1.6739	0.448534	0.849388	-1.17732	0.573689	1.12767	1.12767	23.7454	16.7997	0.628882	1
cg07445691	0.736404	0.938535	-1.06549	0.432688	1.16223	1.16223	0.59645	1.10554	1.10554	0.242628	1.25809	1.25809	21.2494	11.8644	0.496302	1
cg24027596	0.382777	0.847543	-1.17988	0.423444	0.859767	-1.16311	0.0284245	0.620017	-1.61286	0.000683314	0.383326	-2.60874	11.4302	6.18299	0.480829	1
cg16666115	0.776393	0.937005	-1.06723	0.0836313	1.54885	1.54885	0.850905	0.957915	-1.04393	0.574528	0.878438	-1.13838	11.383	9.4129	0.735046	1
cg25824330	0.908486	0.972513	-1.02826	0.0406099	0.563804	-1.77366	0.464313	1.19784	1.19784	0.574726	0.871612	-1.1473	8.70072	8.09556	0.827064	1
cg07568141	0.806256	1.11196	1.11196	0.598564	0.79497	-1.25791	0.0871548	0.442292	-2.26095	0.816801	0.904635	-1.10542	8.64694	25.5457	2.62604	1
cg02174359	0.820473	1.05367	1.05367	0.793089	0.941328	-1.06233	0.0689089	0.626115	-1.59715	0.376488	1.23213	1.23213	3.86147	3.23548	0.744789	1
cg03473408	0.000935976	0.54697	-1.82825	0.284256	1.14559	1.14559	0.172994	1.19385	1.19385	6.24E-06	0.291117	-3.43504	41.5743	9.83055	0.210185	1
cg16226373	0.20905	0.687838	-1.45383	7.38E-06	0.0613864	-16.2903	0.0529582	1.86179	1.86179	0.00296833	0.31591	-3.16545	21.4624	27.1464	1.1243	1
cg01702407	0.000186877	0.220048	-4.54445	0.357981	1.25475	1.25475	0.188688	0.71581	-1.39702	0.910232	0.973287	-1.02745	12.5297	11.4372	0.81138	1
cg11738164	0.0411902	0.868204	-1.1518	0.0166198	1.19183	1.19183	0.00580078	0.805068	-1.24213	0.994356	0.999576	-1.00042	7.92999	0.452153	0.0506828	1
cg02172885	0.0620655	0.759678	-1.31635	0.100985	0.790566	-1.26492	0.833986	0.972913	-1.02784	0.00495843	0.614614	-1.62704	7.88902	2.13888	0.240997	1
cg11330329	0.00943101	1.57401	1.57401	0.0862577	1.2986	1.2986	0.0058037	1.64566	1.64566	0.136003	0.801335	-1.24792	5.01513	1.50957	0.267558	1
cg03955698	0.11385	0.462849	-2.16053	0.0341852	0.330634	-3.0245	0.894651	1.06113	1.06113	0.0464599	0.360111	-2.77692	3.58221	11.378	2.82334	1
cg01245721	0.0154704	0.420996	-2.37532	0.102066	0.593832	-1.68398	0.0974913	1.69823	1.69823	0.145681	0.634466	-1.57613	3.94624	5.30139	1.19414	1
cg08188471	0.177325	0.485147	-2.06123	0.360105	0.622104	-1.60745	0.230292	0.529986	-1.88684	0.807463	1.13108	1.13108	3.72281	13.3378	3.58272	1
cg16210397	0.0593695	0.743523	-1.34495	0.186866	1.21508	1.21508	0.273888	1.17179	1.17179	0.116501	1.26805	1.26805	10.8517	3.3321	0.272941	1
cg26088994	0.0010327	0.373387	-2.67819	0.0206237	0.568364	-1.75944	0.0560931	0.645019	-1.55034	0.583427	0.893836	-1.11877	4.3917	2.85654	0.57817	1
cg12245402	0.00641154	0.83253	-1.20116	0.000183252	0.710136	-1.40818	0.794034	0.987122	-1.01305	0.0137099	0.855413	-1.16903	32.1467	1.22232	0.0295735	1
cg14654951	0.258036	1.08651	1.08651	0.00010252	0.616679	-1.62159	0.437131	0.945801	-1.05731	0.0210593	0.822784	-1.21539	17.4978	1.36951	0.0695714	1
cg02809877	0.0170747	1.60968	1.60968	9.04E-05	0.31787	-3.14594	0.00197123	0.488729	-2.04612	0.830985	0.965611	-1.03561	16.7142	7.09564	0.377357	1
cg24657127	0.0494068	0.676162	-1.47893	0.00154758	0.451842	-2.21316	0.552631	0.900477	-1.11052	0.874691	1.02792	1.02792	15.3922	7.42347	0.428701	1
cg26722322	0.913408	1.03777	1.03777	?	?	?	0.00583706	3.91627	3.91627	0.0020577	5.43387	5.43387	20.7034	28.2004	1.16752	1
cg18207141	?	?	?	?	?	?	?	?	?	?	?	?	31.8307	16.7856	3.16404	1
cg18561902	0.327577	0.710044	-1.40836	0.234529	0.655589	-1.52535	0.237389	0.657436	-1.52106	0.39797	1.34076	1.34076	10.1764	18.5039	1.61628	1
cg04176995	0.113757	0.526197	-1.90043	0.0745186	0.476454	-2.09884	0.599728	0.820701	-1.21847	0.00362306	0.23013	-4.34538	9.30675	20.5234	1.96019	1
cg07800254	0.00230251	0.534965	-1.86928	0.104637	0.770684	-1.29755	0.750236	1.04802	1.04802	0.0341117	1.43782	1.43782	5.95213	2.03303	0.303612	1
cg15961920	0.0652894	0.396863	-2.51976	0.0119858	0.246621	-4.0548	0.0405848	0.347816	-2.87508	0.021454	0.291118	-3.43504	5.66791	17.9055	2.80809	1
cg15735240	0.891815	0.925257	-1.08078	0.00101865	0.0619661	-16.1379	0.0528081	0.284632	-3.51331	0.0170179	0.189937	-5.26492	5.56371	28.7164	4.58789	1
cg12503292	0.115514	0.787357	-1.27007	0.0582516	0.741524	-1.34857	0.410129	0.888965	-1.1249	0.435966	1.11745	1.11745	5.41099	1.6732	0.274864	1
cg00990221	0.635447	1.10576	1.10576	0.0454163	0.616873	-1.62108	0.590678	0.891985	-1.12109	0.319313	1.24192	1.24192	4.73509	3.32358	0.623915	1
cg00918762	?	?	?	0.609902	0.877916	-1.13906	0.410469	0.808177	-1.23735	0.893473	0.966667	-1.03448	4.67301	4.21205	0.901357	1
cg23326824	0.394551	1.1581	1.1581	0.0229072	0.632471	-1.5811	0.690631	1.06965	1.06965	0.00494215	1.87118	1.87118	4.45576	1.99925	0.398835	1
cg23988749	0.467574	0.750507	-1.33243	0.249636	1.59547	1.59547	0.506352	1.29926	1.29926	0.606688	1.2234	1.2234	4.29545	10.2565	2.12246	1
cg03441461	0.892514	1.02333	1.02333	0.00489423	0.529297	-1.8893	0.858335	1.03095	1.03095	0.31458	1.19413	1.19413	3.43599	1.58381	0.409732	1
cg26365668	0.0376398	0.322949	-3.09647	0.00051622	0.0789079	-12.673	0.00658688	0.19134	-5.2263	0.0355985	0.317741	-3.14722	7.79558	27.1233	3.09273	1
cg13958495	0.293244	0.804215	-1.24345	0.856344	1.03688	1.03688	0.887878	0.972202	-1.02859	0.00891426	0.514288	-1.94444	15.4954	9.80113	0.562237	1
cg21179492	0.0283652	0.415486	-2.40682	0.000798927	0.17935	-5.57569	0.111144	0.554868	-1.80223	0.0352752	0.435111	-2.29827	6.46613	11.797	1.62171	1
cg12438037	0.153153	0.599719	-1.66745	0.0023266	0.241419	-4.14217	0.0211547	0.395945	-2.5256	0.198805	0.63518	-1.57436	3.78146	6.69058	1.57272	1
cg04560832	0.0365425	1.37285	1.37285	6.99E-07	0.172809	-5.78673	0.0344767	1.37935	1.37935	3.40E-06	0.23987	-4.16893	141.376	38.0825	0.239441	1
cg20161996	2.50E-05	0.270981	-3.69029	4.63E-06	0.194255	-5.14788	0.286694	1.18829	1.18829	1.53E-05	0.247642	-4.03808	46.4076	17.8707	0.342295	1
cg23650482	0.545023	0.945567	-1.05757	1.23E-05	0.430728	-2.32165	0.00425205	0.704982	-1.41848	0.198033	0.883107	-1.13237	11.367	1.50307	0.117538	1
cg02735919	0.194278	0.642112	-1.55736	0.000510691	0.173653	-5.75862	0.515213	0.808266	-1.23722	0.00547828	0.307818	-3.24867	6.40725	10.5601	1.46502	1
cg22047672	0.357654	0.74524	-1.34185	0.00171746	0.248839	-4.01866	0.561118	1.20042	1.20042	0.00515811	0.317248	-3.15211	5.12323	7.84018	1.36029	1
cg03516270	0.0277176	0.290111	-3.44695	0.0015781	0.115562	-8.65339	0.447773	0.692168	-1.44474	0.0210266	0.267134	-3.74343	4.81593	17.249	3.18369	1
cg25373063	0.00429305	0.268772	-3.72062	0.563007	0.817775	-1.22283	0.87355	0.946682	-1.05632	0.503952	1.26276	1.26276	4.39583	8.23942	1.66611	1
cg07843065	0.543191	0.805529	-1.24142	0.0125043	0.335601	-2.97973	0.929806	1.03144	1.03144	0.00915029	0.312474	-3.20027	3.53669	6.91656	1.73836	1
cg23819679	0.422455	1.53987	1.53987	0.1031	0.390858	-2.55848	0.930093	1.04731	1.04731	0.940343	1.04022	1.04022	6.28074	27.6111	3.90769	1
cg26535484	0.88759	0.976654	-1.0239	0.00027433	0.36958	-2.70578	0.701757	0.937757	-1.06637	0.193167	1.25859	1.25859	9.48838	4.19197	0.392712	1
cg18031008	0.163859	1.36712	1.36712	0.388219	0.830157	-1.20459	0.111391	0.694201	-1.4405	0.0161383	0.53818	-1.85811	4.47173	3.13767	0.623704	1
cg14879736	0.000447722	1.90012	1.90012	2.02E-05	0.368015	-2.71728	0.168408	1.18549	1.18549	0.100241	1.23216	1.23216	20.2698	4.31464	0.189209	1
cg25781480	0.213652	1.23931	1.23931	3.62E-05	0.271432	-3.68417	0.00701008	1.77051	1.77051	0.0279057	1.53062	1.53062	14.2198	6.04596	0.377936	1
cg11277156	0.0149095	0.213647	-4.68062	0.00536695	0.151072	-6.61938	0.215608	0.510765	-1.95785	0.0304668	0.269556	-3.7098	5.27736	22.2104	3.741	1
cg21877939	0.94849	0.992028	-1.00804	0.0021313	0.585864	-1.70688	0.114076	0.808196	-1.23732	0.025534	1.38922	1.38922	4.5022	1.09435	0.216063	1
cg05051121	0.154103	1.32798	1.32798	0.174431	0.764461	-1.30811	0.557979	1.11645	1.11645	0.417612	0.857268	-1.1665	4.34566	2.37902	0.48662	1
cg21182694	0.87793	0.9789	-1.02155	0.00136351	0.52473	-1.90574	0.613597	0.931793	-1.0732	0.0116137	0.645504	-1.54918	3.90204	1.18966	0.271005	1
cg13910291	0.874369	0.985745	-1.01446	0.00851363	0.737358	-1.35619	0.136534	1.15667	1.15667	0.552683	1.05602	1.05602	15.7752	2.05716	0.115915	1
cg14789960	0.00577466	0.712146	-1.40421	0.441709	0.929015	-1.07641	0.735235	0.968644	-1.03237	0.620893	0.954284	-1.04791	8.38607	1.17008	0.124024	1
cg24186864	0.28336	1.17333	1.17333	0.000247019	0.419763	-2.3823	0.689781	0.944084	-1.05923	0.350145	0.871169	-1.14788	6.28533	2.04733	0.28954	1
cg13736585	0.000194942	0.44343	-2.25515	2.98E-06	0.235728	-4.24218	0.0443824	0.741104	-1.34934	0.0101059	0.656327	-1.52363	35.9399	9.58354	0.237026	1
cg11213199	0.00101423	1.19556	1.19556	0.183182	0.949572	-1.05311	0.281182	0.959794	-1.04189	0.037431	1.09251	1.09251	19.7192	0.419221	0.0188974	1
cg11528101	?	?	?	0.952749	1.01189	1.01189	?	?	?	0.079853	1.54923	1.54923	84.4672	30.9078	0.243943	1
cg01643320	0.80176	1.15136	1.15136	2.44E-05	0.00902216	-110.838	0.700565	1.2417	1.2417	0.70083	1.24145	1.24145	9.15168	45.4928	4.41865	1
cg26422134	0.135096	1.12148	1.12148	0.0103885	0.794769	-1.25823	0.00779109	0.784146	-1.27527	0.146431	1.11734	1.11734	7.97541	0.639889	0.071318	1
cg15957615	0.044658	0.424933	-2.35331	0.398653	1.37825	1.37825	0.290181	1.50313	1.50313	0.0680135	2.13565	2.13565	6.53641	14.2685	1.94037	1
cg18017531	0.764662	0.942325	-1.06121	0.0116469	0.535859	-1.86616	1.13E-05	0.15788	-6.33391	4.63E-06	0.125022	-7.99859	45.6588	28.3121	0.551183	1
cg17557870	0.0672845	0.530635	-1.88453	0.00160829	0.2471	-4.04695	0.000178991	0.140706	-7.107	0.000261517	0.156473	-6.39086	19.3091	29.2058	1.34448	1
cg26692296	0.00632672	0.635105	-1.57454	0.117	1.24288	1.24288	0.0445031	1.34262	1.34262	0.133894	0.813493	-1.22927	11.3276	2.92504	0.229532	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12425057	MRPS25	0.00757767	0.369365	0.755874	-1.32297	0.0021886	3.68534	3.68534	0.764251	0.912735	-1.09561	0.0069995	2.88289	2.88289	0.885451	0.957182	-1.04473
cg03337256	MRPS25	0.00962254	0.206767	0.673447	-1.4849	0.574045	0.84482	-1.18368	0.732164	1.10739	1.10739	0.477832	0.807131	-1.23896	0.000335651	0.17959	-5.56822
cg25844921	MRPS25	0.0281195	0.00809192	0.355502	-2.81293	0.358822	1.33342	1.33342	0.312177	0.726992	-1.37553	0.373827	1.32102	1.32102	0.0102552	2.6826	2.6826
cg22396691	MRPS25	0.0324293	0.122859	0.776167	-1.28838	0.13695	0.784401	-1.27486	0.205536	0.816738	-1.22438	0.045653	1.4153	1.4153	0.273325	1.18863	1.18863
cg05138699	MRPS26	0.0212853	0.341751	1.23359	1.23359	0.185636	1.35089	1.35089	0.857219	1.03935	1.03935	0.0383381	1.6725	1.6725	0.00449801	0.444159	-2.25145
cg26060255	MRPS26;GNRH2;GNRH2;GNRH2	0.028235	0.537518	1.22069	1.22069	0.00155416	4.27641	4.27641	0.0297595	2.26372	2.26372	0.510549	1.23761	1.23761	0.0531426	0.495679	-2.01744
cg15427713	MRPS27	0.000190032	0.0743481	0.785807	-1.27258	1.05E-05	0.319389	-3.13098	0.000251145	0.480935	-2.07928	0.0764743	0.787486	-1.26986	0.16898	1.19443	1.19443
cg07857331	MRPS27	0.000645367	0.000646661	0.178495	-5.60238	0.000527235	0.168918	-5.92003	0.00395487	0.279056	-3.5835	0.0218915	0.404276	-2.47356	0.00033162	0.148411	-6.73804
cg17789542	MRPS27	0.00153437	0.295836	0.839681	-1.19093	0.102795	1.33337	1.33337	0.0339906	1.49023	1.49023	5.48E-05	0.297968	-3.35607	0.0214406	1.56117	1.56117
cg05651412	MRPS27	0.0272436	0.649449	1.07118	1.07118	0.837701	1.0313	1.0313	0.802312	1.03841	1.03841	0.00216974	1.90898	1.90898	0.474274	1.11555	1.11555
cg15913645	MRPS27	0.0445964	0.00885395	0.407594	-2.45342	0.776727	1.07959	1.07959	0.18526	0.684953	-1.45995	0.966966	0.988907	-1.01122	0.0860032	0.599882	-1.66699
cg27326661	MRPS28	0.00098958	0.00790776	0.510748	-1.95791	0.0342974	0.614447	-1.62748	0.00937849	0.522194	-1.915	0.141786	1.36556	1.36556	0.000162868	0.281138	-3.55697
cg02006107	MRPS28	0.00380865	0.00165401	0.263526	-3.79469	0.13981	0.62466	-1.60087	0.0180853	0.427268	-2.34045	0.324572	1.35162	1.35162	0.00117709	0.244188	-4.0952
cg06728098	MRPS28	0.00533875	0.0414752	0.664933	-1.50391	0.0182363	1.64443	1.64443	0.00807309	1.80194	1.80194	0.774373	0.95134	-1.05115	0.521642	0.89339	-1.11933
cg26103331	MRPS28	0.0114982	0.0286249	0.686695	-1.45625	0.0879858	0.760269	-1.31532	0.0119893	0.63366	-1.57813	0.457761	0.895772	-1.11636	0.00139695	0.509715	-1.96188
cg12660466	MRPS28	0.0362066	0.203557	0.565993	-1.76681	0.130447	0.500218	-1.99913	0.21474	0.574701	-1.74003	0.588593	0.793264	-1.26061	0.0264053	0.327419	-3.05419
cg26174628	MRPS28	0.0436655	0.0445997	1.42287	1.42287	0.413313	1.13645	1.13645	0.0586355	0.721309	-1.38637	0.0415717	1.4324	1.4324	0.518886	0.904827	-1.10518
cg09388920	MRPS28	0.0458792	0.0467133	0.158791	-6.2976	0.0223959	0.109609	-9.12333	0.0345726	0.136514	-7.32525	0.212608	0.346183	-2.88865	0.0247515	0.115319	-8.67156
cg20473164	MRPS2;C9orf116;C9orf116	0.0160996	0.177423	0.86582	-1.15497	0.010755	1.38005	1.38005	0.00195907	1.5527	1.5527	0.240302	0.883757	-1.13153	0.429111	1.08452	1.08452
cg24153171	MRPS30	0.00158692	?	?	?	0.000222493	0.0391446	-25.5463	0.449614	0.66621	-1.50103	?	?	?	0.0364363	0.27751	-3.60348
cg25551987	MRPS30	0.00361744	0.311174	1.08477	1.08477	0.449855	1.06162	1.06162	0.000258597	1.59503	1.59503	0.408758	1.06781	1.06781	0.0225731	1.23626	1.23626
cg04713108	MRPS30	0.00491598	0.00309731	0.376106	-2.65883	0.230167	0.737735	-1.3555	0.986421	1.00412	1.00412	0.653922	1.1152	1.1152	0.0362833	0.555354	-1.80065
cg23455614	MRPS30	0.00753098	0.177577	0.822135	-1.21635	0.00666825	0.61808	-1.61791	0.00370281	1.70928	1.70928	0.019107	0.678632	-1.47355	0.639823	0.937611	-1.06654
cg21927362	MRPS30	0.0273291	0.0666479	0.674068	-1.48353	0.0656992	1.48607	1.48607	0.166619	1.32691	1.32691	0.499171	1.14063	1.14063	0.158074	0.748672	-1.3357
cg09420988	MRPS30	0.0419233	0.00617923	0.217653	-4.59446	0.884378	1.0641	1.0641	0.986527	1.00724	1.00724	0.079013	0.434851	-2.29964	0.837554	1.09162	1.09162
cg04762397	MRPS31	0.00118754	?	?	?	0.00102117	3.58546	3.58546	?	?	?	?	?	?	?	?	?
cg13460389	MRPS31	0.0025104	0.0182233	0.78189	-1.27895	0.00568191	0.732415	-1.36535	0.00224926	0.692733	-1.44356	0.000288292	0.601801	-1.66168	0.77769	0.975995	-1.02459
cg09977572	MRPS31	0.00637836	0.681339	1.06177	1.06177	0.0036723	0.56542	-1.7686	0.0707271	1.34066	1.34066	0.0143485	1.54995	1.54995	0.783853	0.96087	-1.04072
cg15709536	MRPS31	0.00697694	0.00733036	0.483438	-2.06852	0.00628428	0.473086	-2.11378	0.0432899	0.613388	-1.63029	0.671188	1.09394	1.09394	0.23349	0.769016	-1.30036
cg25410896	MRPS31	0.00856995	0.42039	0.846693	-1.18107	0.0229119	1.73362	1.73362	0.322053	0.813179	-1.22974	0.939296	1.01552	1.01552	0.195338	1.31901	1.31901
cg15946545	MRPS31	0.0138695	0.611588	0.937407	-1.06677	0.584764	1.07213	1.07213	0.050315	0.754564	-1.32527	0.523308	1.08507	1.08507	0.0452094	1.33643	1.33643
cg25780806	MRPS31	0.0166231	0.663334	0.932416	-1.07248	0.177846	0.795526	-1.25703	0.0234401	0.648872	-1.54114	0.231109	0.818174	-1.22223	0.00283848	0.518664	-1.92803
cg13253481	MRPS31	0.029217	0.0973637	0.764796	-1.30754	0.228344	0.829972	-1.20486	0.397753	1.13613	1.13613	0.0173275	0.652334	-1.53296	0.310542	0.856705	-1.16726
cg06041595	MRPS33;MRPS33	0.00434872	0.742849	0.960024	-1.04164	0.384183	0.895323	-1.11692	0.682192	0.95026	-1.05234	0.0104196	0.67053	-1.49136	0.000346459	0.490048	-2.04061
cg22409918	MRPS33;MRPS33	0.0196054	0.736075	1.04405	1.04405	0.486323	0.913799	-1.09433	0.45163	0.906893	-1.10267	0.296309	1.14798	1.14798	0.0162237	1.45454	1.45454
cg21776010	MRPS33;MRPS33	0.0230844	0.12204	1.68085	1.68085	0.339594	0.737143	-1.35659	0.306828	0.720506	-1.38791	0.604544	1.17572	1.17572	0.0611155	0.520015	-1.92302
cg18505232	MRPS33;MRPS33	0.0238783	0.133234	1.30595	1.30595	0.689476	1.06843	1.06843	0.0462821	0.686438	-1.4568	0.00276039	1.97483	1.97483	0.0752043	1.38609	1.38609
cg08522707	MRPS33;MRPS33;MRPS33	0.00110747	0.00171392	0.153014	-6.53535	0.0779702	2.27362	2.27362	0.015527	3.47211	3.47211	0.50631	0.753678	-1.32683	0.517571	0.75947	-1.31671
cg02691484	MRPS33;MRPS33;MRPS33	0.0140653	0.44867	0.913597	-1.09457	0.0558307	0.776026	-1.28862	0.00271296	0.615869	-1.62372	0.185481	0.848465	-1.1786	0.0154715	0.706345	-1.41574
cg05518842	MRPS34;EME2	0.0137523	0.562254	1.07182	1.07182	0.140465	1.20648	1.20648	0.0335848	1.34158	1.34158	0.663177	0.949448	-1.05324	0.00836049	0.671068	-1.49016
cg16744862	MRPS34;NME3;EME2	0.00341568	?	?	?	?	?	?	0.202035	0.595607	-1.67896	0.571612	1.24594	1.24594	0.000374915	0.11215	-8.91664
cg08925658	MRPS35	0.000128325	0.00489368	0.596846	-1.67547	0.000159142	0.409292	-2.44324	0.492003	0.907938	-1.1014	0.18712	0.824072	-1.21349	0.00112038	1.94255	1.94255
cg10354406	MRPS35	0.00113762	0.001187	0.115648	-8.64694	0.0110496	0.23543	-4.24755	0.0106807	0.233083	-4.29031	0.131628	2.09296	2.09296	0.000603427	0.0906847	-11.0272
cg03115820	MRPS35	0.0140965	0.762038	0.963939	-1.03741	0.61561	1.06313	1.06313	0.00273655	1.64889	1.64889	0.438776	0.908916	-1.10021	0.133133	0.822062	-1.21645
cg17108364	MRPS35	0.0327973	0.247842	0.678818	-1.47315	0.0106074	2.80248	2.80248	0.594562	0.841764	-1.18798	0.00987629	0.351538	-2.84465	0.0207876	0.40968	-2.44093
cg13715209	MRPS35	0.0397188	0.374108	0.862809	-1.159	0.0884517	1.35527	1.35527	0.0189161	1.5837	1.5837	0.664917	0.931942	-1.07303	0.98345	0.996651	-1.00336
cg15556672	MRPS36	0.0106395	0.0210087	0.2169	-4.61042	0.0281144	0.23988	-4.16874	0.0255786	0.232191	-4.30679	0.106509	0.378996	-2.63855	0.00282909	0.103992	-9.61609
cg15387943	MRPS36	0.0145452	0.0800203	0.3668	-2.72628	?	?	?	0.000751847	0.0714061	-14.0044	0.0243823	0.250283	-3.99548	0.0925725	0.384522	-2.60063
cg06008617	MRPS36	0.0146533	0.0245308	0.250902	-3.98561	0.738575	0.841233	-1.18873	0.0133484	0.20555	-4.86499	0.0201792	0.235474	-4.24676	0.00814565	0.174086	-5.7443
cg11191451	MRPS36	0.0313159	0.54775	1.12296	1.12296	?	?	?	0.33186	1.21028	1.21028	0.396368	1.18007	1.18007	0.00462833	0.487616	-2.05079
cg11464464	MRPS36	0.0481078	0.994677	0.998966	-1.00104	0.740092	0.949686	-1.05298	0.00852716	1.6829	1.6829	0.742668	1.05242	1.05242	0.0821145	1.34809	1.34809
cg26492819	MRPS5	3.74E-05	5.69E-06	0.291628	-3.42903	0.00256668	0.604162	-1.65518	0.062146	0.776408	-1.28798	0.669489	0.949568	-1.05311	0.0166234	0.702953	-1.42257
cg00492362	MRPS5	0.000192222	0.00019319	0.24674	-4.05285	0.699369	1.09039	1.09039	0.0324447	0.572144	-1.74781	0.0113593	2.02734	2.02734	8.94E-06	0.116924	-8.5526
cg16176188	MRPS5	0.000442829	0.0384815	0.721219	-1.38654	0.00453189	0.597208	-1.67446	0.0139945	0.661245	-1.5123	0.0103584	0.643942	-1.55293	0.678975	0.944854	-1.05836
cg08871239	MRPS5	0.00180499	0.0260575	0.203101	-4.92366	0.0137488	0.159042	-6.28765	0.0770019	0.305164	-3.27693	0.546642	0.691969	-1.44515	0.000148071	0.0195021	-51.2766
cg02633838	MRPS5	0.00678051	0.00193757	0.504037	-1.98398	0.319794	0.851631	-1.17422	0.371368	1.15417	1.15417	0.946414	0.989555	-1.01056	0.682094	1.06645	1.06645
cg21665164	MRPS5	0.0383075	0.00766996	0.245004	-4.08156	0.048501	2.52217	2.52217	0.0415349	2.62384	2.62384	0.991322	0.995546	-1.00447	0.190484	0.566078	-1.76654
cg25820224	MRPS5;MRPS5	0.0162315	0.0565119	1.22987	1.22987	0.517847	1.06485	1.06485	0.39698	1.08667	1.08667	0.333415	1.10034	1.10034	0.98635	0.998362	-1.00164
cg09496791	MRPS5;MRPS5	0.0349976	0.0885213	0.744663	-1.34289	0.00512821	0.559838	-1.78623	0.303528	0.846027	-1.182	0.344409	0.858299	-1.1651	0.515049	1.10913	1.10913
cg24083756	MRPS6	0.0173135	0.00331475	0.509021	-1.96456	0.159862	0.776031	-1.28861	0.564971	1.10321	1.10321	0.72184	0.941432	-1.06221	0.40398	1.15509	1.15509
cg02556430	MRPS6;SLC5A3	0.0130548	0.0556997	0.46714	-2.14069	0.75758	1.11482	1.11482	0.554653	0.810746	-1.23343	0.535838	1.24621	1.24621	0.000429505	0.141395	-7.07236
cg21291385	MRPS6;SLC5A3	0.026072	0.459505	0.697952	-1.43276	0.123078	0.450377	-2.22036	0.00391669	0.156609	-6.38531	0.464995	0.701127	-1.42627	0.0303379	0.296533	-3.37231
cg10836173	MRPS6;SLC5A3	0.0391949	0.226051	0.536104	-1.86531	0.138452	2.18633	2.18633	0.709236	1.20165	1.20165	0.0382078	3.24801	3.24801	0.0304803	0.287348	-3.4801
cg10599571	MRPS6;SLC5A3	0.0471045	0.0506939	0.425932	-2.34779	0.223726	1.6323	1.6323	0.91855	1.03999	1.03999	0.0699278	2.17453	2.17453	0.0401868	0.403021	-2.48126
cg07707891	MRPS6;SLC5A3	0.0486575	0.0304252	0.245537	-4.0727	0.124888	0.399717	-2.50177	0.133389	0.409138	-2.44416	0.0533129	0.297667	-3.35946	0.0115783	0.175064	-5.71219
cg04686354	MRPS7	0.0167885	0.00072511	0.225856	-4.4276	0.886127	0.959375	-1.04235	0.466765	0.807072	-1.23905	0.50648	0.822761	-1.21542	0.00643046	0.35849	-2.78948
cg08436643	MRPS7;GGA3;GGA3	0.0170494	0.000704854	0.15324	-6.52571	0.433196	1.33715	1.33715	0.506162	1.27769	1.27769	0.170027	0.588067	-1.70049	0.236491	0.637239	-1.56927
cg16827057	MRPS7;MRPS7;GGA3;GGA3	5.89E-06	0.0389453	0.844548	-1.18407	0.290763	1.08058	1.08058	0.0418632	1.18031	1.18031	0.11455	1.12898	1.12898	7.02E-08	0.278482	-3.59089
cg08049553	MRPS7;MRPS7;GGA3;GGA3	0.000846553	0.0879616	0.892989	-1.11983	0.07513	1.1265	1.1265	0.237601	1.0772	1.0772	0.0126031	0.829903	-1.20496	0.562878	1.03578	1.03578
cg11227077	MRPS9	0.00184066	0.290476	0.863162	-1.15853	0.177465	1.21198	1.21198	0.197946	0.833163	-1.20024	0.33563	0.875308	-1.14245	0.000874502	0.51195	-1.95331
cg14219696	MRPS9	0.00569538	0.106046	0.758528	-1.31834	0.00305331	1.88752	1.88752	0.00178925	2.00538	2.00538	0.058299	0.715337	-1.39794	0.184137	1.2468	1.2468
cg11127732	MRPS9	0.0186949	0.00805402	0.392146	-2.55007	0.0236615	0.474728	-2.10647	0.0106831	0.412706	-2.42303	0.641403	0.878662	-1.13809	0.843072	1.05618	1.05618
cg16157530	MRPS9;MRPS9	0.0453137	0.419474	0.863255	-1.15841	0.119197	1.3518	1.3518	0.400345	1.16586	1.16586	0.0975301	0.723179	-1.38278	0.270256	1.22707	1.22707
cg14228182	MRRF;MRRF	0.00226462	0.0100478	0.606645	-1.64841	0.740513	1.05246	1.05246	0.000926483	0.467268	-2.1401	0.525434	1.10405	1.10405	0.029673	0.674518	-1.48254
cg13909320	MRRF;MRRF;RBM18;RBM18;RBM18	0.00191848	0.187057	0.868167	-1.15185	0.0383563	0.784589	-1.27455	0.546046	0.940105	-1.06371	0.0285539	1.29847	1.29847	0.65303	0.955283	-1.04681
cg03142975	MRRF;MRRF;RBM18;RBM18;RBM18	0.00670158	0.00711578	0.187872	-5.32278	0.00428876	0.159278	-6.27834	0.0198003	0.258417	-3.86971	0.0853357	0.400616	-2.49616	0.00572467	0.17513	-5.71006
cg26783297	MRS2	0.00134327	0.000968663	0.23107	-4.32769	0.00053806	0.200682	-4.983	0.451963	0.795649	-1.25684	0.0129913	0.398702	-2.50814	0.0342327	0.478557	-2.08962
cg13884546	MRS2	0.00171662	0.035722	0.587253	-1.70284	0.190129	1.35286	1.35286	0.00110999	0.351135	-2.84791	0.776085	1.06408	1.06408	0.0940532	0.669673	-1.49327
cg03200502	MRS2	0.00357301	0.684768	0.897383	-1.11435	0.283714	1.34373	1.34373	0.212022	1.41729	1.41729	0.639348	1.13338	1.13338	0.268767	0.736717	-1.35737
cg19185686	MRS2	0.00687399	0.0379005	1.52471	1.52471	0.00580894	0.530965	-1.88336	0.00455439	0.515763	-1.93887	0.339705	0.84162	-1.18818	0.00655293	1.85679	1.85679
cg02556401	MRS2	0.0163498	0.711152	1.14031	1.14031	0.164591	0.592493	-1.68778	0.00709906	3.41374	3.41374	0.995142	0.997853	-1.00215	0.781067	1.10335	1.10335
cg03632145	MRS2	0.018723	0.83797	0.912666	-1.09569	0.307259	1.60275	1.60275	0.444917	1.41562	1.41562	0.799776	0.892764	-1.12012	0.509375	0.741762	-1.34814
cg11649040	MRS2	0.0195523	0.415128	0.706302	-1.41583	0.552791	0.778283	-1.28488	0.189254	1.78698	1.78698	0.426537	1.40343	1.40343	0.328361	1.5237	1.5237
cg17047882	MRS2	0.0198816	0.947284	1.02036	1.02036	0.603973	1.1729	1.1729	0.202475	0.663586	-1.50696	0.683957	1.13284	1.13284	0.741305	0.903964	-1.10624
cg18024801	MRS2	0.0210213	0.844736	0.915873	-1.09185	0.534778	1.32544	1.32544	0.368823	1.51238	1.51238	0.678296	0.829488	-1.20556	0.909327	0.950221	-1.05239
cg03971626	MRS2	0.0421185	0.0745181	0.458964	-2.17882	0.0301024	0.367961	-2.71768	0.0748208	0.459419	-2.17666	0.574577	1.24895	1.24895	0.0022855	0.187916	-5.32153
cg09108797	MRS2	0.0451868	0.548941	0.69588	-1.43703	0.822301	1.14395	1.14395	0.333846	1.81472	1.81472	0.362733	0.57162	-1.74941	0.165625	0.413113	-2.42065
cg10833114	MRS2P2;TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0185103	0.0103917	0.759139	-1.31728	0.749828	1.02769	1.02769	0.00324381	0.709762	-1.40892	0.211191	0.89361	-1.11906	0.869643	0.986073	-1.01412
cg07312601	MRTO4	0.00677836	0.0476783	0.346861	-2.883	0.00296637	0.14857	-6.73083	0.0135675	0.239742	-4.17115	0.650321	0.807851	-1.23785	0.00433241	0.168169	-5.94641
cg24328054	MRTO4	0.0148151	0.199288	1.90163	1.90163	0.850017	1.09386	1.09386	0.0448601	0.335846	-2.97755	0.239128	1.79358	1.79358	0.00183092	0.122691	-8.15059
cg04896191	MRTO4	0.0498231	0.0169603	0.183613	-5.44623	0.019706	0.19407	-5.15278	0.0565576	0.284671	-3.51283	0.144906	0.401999	-2.48757	0.0157669	0.178712	-5.5956
cg10748867	MRTO4;KIAA0090	7.53E-05	0.797687	0.921227	-1.08551	0.00280561	0.268423	-3.72547	0.0482212	0.486228	-2.05665	0.000258009	0.146466	-6.8275	0.00162635	0.236402	-4.23008
cg06837242	MRTO4;KIAA0090	0.000194358	0.00244885	1.1825	1.1825	0.000116428	1.30806	1.30806	0.00293518	1.17642	1.17642	0.0128833	0.88444	-1.13066	0.347908	0.962295	-1.03918
cg18224761	MRTO4;KIAA0090	0.00108754	0.00802016	0.502994	-1.9881	0.383883	1.19795	1.19795	0.0328931	0.60365	-1.65659	0.879015	1.03129	1.03129	0.00690989	0.493017	-2.02833
cg18045831	MRTO4;KIAA0090	0.0458118	0.319858	0.837855	-1.19352	0.339705	1.18454	1.18454	0.141147	1.31308	1.31308	0.0970766	0.73095	-1.36808	0.251385	0.813638	-1.22905
cg26547761	MRTO4;KIAA0090	0.0461646	0.643746	1.13298	1.13298	0.0409907	1.88192	1.88192	0.0808126	1.68048	1.68048	0.0750866	1.70131	1.70131	0.133689	1.5429	1.5429
cg22402059	MRTO4;KIAA0090;MRTO4	0.00148292	0.000220133	0.661815	-1.511	0.00551564	1.27707	1.27707	0.0910841	1.1329	1.1329	0.0871938	0.88107	-1.13498	0.0566853	1.15561	1.15561
cg11828741	MRVI1;MRVI1;MRVI1	0.000619552	0.000612498	0.353771	-2.82669	0.0609727	1.51561	1.51561	0.00353924	0.459118	-2.17809	0.000599287	0.352532	-2.83663	0.00171432	0.414223	-2.41416
cg06595154	MRVI1;MRVI1;MRVI1	0.0238375	0.16535	0.621525	-1.60895	0.216646	0.658473	-1.51866	0.507016	0.805453	-1.24154	0.0611808	1.97002	1.97002	0.0041076	0.290168	-3.44628
cg20229734	MRVI1;MRVI1;MRVI1	0.0369138	0.413142	0.859553	-1.1634	0.0445403	1.51783	1.51783	0.0685886	0.691598	-1.44593	0.300436	0.823579	-1.21421	0.00314926	0.481914	-2.07506
cg10566319	MRVI1;MRVI1;MRVI1;MRVI1	0.00257359	0.056644	0.522852	-1.91259	0.000828936	0.220274	-4.53981	0.00716729	0.352238	-2.83899	0.29851	0.723341	-1.38247	0.0506256	0.512004	-1.95311
cg17471425	MRVI1;MRVI1;MRVI1;MRVI1	0.00638312	0.0077364	0.304229	-3.287	0.0144105	0.350271	-2.85493	0.00251439	0.232334	-4.30414	0.000582505	0.157246	-6.35947	0.363456	0.722618	-1.38386
cg16638248	MRVI1;MRVI1;MRVI1;MRVI1	0.015628	0.00292117	0.280113	-3.56998	0.10631	0.577586	-1.73134	0.093612	0.563336	-1.77514	0.0368652	0.470232	-2.12661	0.00450668	0.307822	-3.24863
cg05382956	MRVI1;MRVI1;MRVI1;MRVI1	0.0242213	0.0344372	0.416654	-2.40007	0.736934	1.12711	1.12711	0.00860909	0.304494	-3.28413	0.104236	0.532392	-1.87832	0.0204759	0.371168	-2.69419
cg03787988	MRVI1;MRVI1;MRVI1;MRVI1	0.0338644	0.657318	0.805886	-1.24087	0.119382	0.441799	-2.26347	0.0109686	0.21376	-4.67814	0.555246	0.749445	-1.33432	0.0126999	0.223789	-4.4685
cg20285761	MS4A10	0.0220879	0.748106	0.943253	-1.06016	0.214953	0.789241	-1.26704	0.0189694	0.597449	-1.67378	0.311251	1.20919	1.20919	0.197882	1.27988	1.27988
cg03222523	MS4A10	0.0267112	0.0134538	0.165302	-6.04952	0.174044	0.427141	-2.34115	0.0824289	0.322506	-3.10071	0.0641139	0.294093	-3.40028	0.0123997	0.16027	-6.23947
cg10566699	MS4A10	0.034456	0.021136	0.700523	-1.42751	0.317778	0.875841	-1.14176	0.00324907	0.597346	-1.67407	0.313509	0.874743	-1.14319	0.00968836	0.656937	-1.52222
cg07221454	MS4A10;MS4A10	0.00378538	0.434353	0.914068	-1.09401	0.599771	1.06145	1.06145	0.724282	0.960892	-1.0407	0.0135536	0.708831	-1.41077	0.00754577	0.67895	-1.47286
cg09257456	MS4A12;MS4A12	1.07E-05	1.07E-06	0.0913018	-10.9527	0.102929	1.39831	1.39831	0.0046073	0.492353	-2.03106	0.167945	0.758699	-1.31805	0.359145	1.19385	1.19385
cg23532119	MS4A12;MS4A12	3.36E-05	4.13E-06	0.049401	-20.2425	0.880427	1.04336	1.04336	0.000616751	0.226173	-4.4214	0.00272424	0.311305	-3.21228	0.000553265	0.220561	-4.53389
cg18006480	MS4A12;MS4A12	0.0416478	0.0198469	0.579571	-1.72541	0.138784	0.734122	-1.36217	0.0218224	0.586342	-1.70549	0.27215	0.801148	-1.24821	0.00971468	0.530215	-1.88603
cg25321462	MS4A13;MS4A13	1.18E-07	1.80E-08	0.0410039	-24.3879	0.000105001	0.361468	-2.76649	3.65E-06	0.199879	-5.00304	2.32E-07	0.0998624	-10.0138	9.10E-07	0.144954	-6.89875
cg06386210	MS4A13;MS4A13	2.27E-06	3.84E-08	0.0394018	-25.3796	0.00320134	0.513661	-1.94681	5.95E-05	0.292474	-3.41911	7.44E-05	0.303805	-3.29159	0.00325787	0.514712	-1.94283
cg16894306	MS4A13;MS4A13	2.39E-05	2.00E-06	0.309428	-3.23177	0.679043	0.959278	-1.04245	0.151376	0.85761	-1.16603	0.012342	0.732494	-1.3652	0.151204	1.16612	1.16612
cg03308056	MS4A13;MS4A13	2.68E-05	0.0618312	0.79583	-1.25655	0.00922839	0.69848	-1.43168	7.20E-05	0.45608	-2.1926	0.519118	0.931491	-1.07355	6.95E-07	0.231609	-4.31762
cg16422547	MS4A13;MS4A13	3.07E-05	2.97E-06	0.0807486	-12.3841	0.420649	1.20417	1.20417	0.000133846	0.224317	-4.45797	0.00217061	0.378463	-2.64226	0.615252	0.891865	-1.12125
cg05584078	MS4A13;MS4A13	0.000598694	0.000475647	0.0973148	-10.2759	0.840511	0.917993	-1.08933	0.000425601	0.0935246	-10.6924	0.0172033	0.2915	-3.43053	0.00020397	0.0710848	-14.0677
cg26283559	MS4A13;MS4A13	0.00315635	0.000400251	0.0628087	-15.9214	0.00432791	0.15349	-6.51508	0.00629111	0.173948	-5.74884	0.5312	0.732199	-1.36575	0.0275971	0.278	-3.59713
cg12647966	MS4A13;MS4A13	0.00582989	0.0137782	0.559445	-1.78748	0.89738	0.975686	-1.02492	0.00351615	0.469986	-2.12772	0.416286	0.853434	-1.17174	0.591765	0.901884	-1.10879
cg11728664	MS4A13;MS4A13	0.0118824	0.00656286	0.260261	-3.8423	0.265327	1.55669	1.55669	0.0640268	0.452243	-2.2112	0.063204	0.450857	-2.218	0.472887	0.75704	-1.32093
cg06746274	MS4A13;MS4A13	0.0343689	0.0180394	0.104315	-9.58637	0.00977713	0.0764959	-13.0726	0.0668992	0.198644	-5.03413	0.0857752	0.224454	-4.45527	0.0258268	0.124637	-8.02331
cg07841234	MS4A13;MS4A13;MS4A13;MS4A13	0.002395	0.484678	0.869666	-1.14987	0.290414	1.24081	1.24081	0.0884815	0.691025	-1.44712	0.288966	1.24168	1.24168	8.84E-05	0.251303	-3.97926
cg06480663	MS4A14;MS4A14	0.014252	0.00582237	0.113174	-8.83592	0.034307	0.225428	-4.43601	0.0271787	0.206497	-4.84268	0.818464	0.87048	-1.14879	0.0171143	0.173183	-5.77423
cg02907837	MS4A14;MS4A14;MS4A14;MS4A14	0.00386618	0.00168633	0.16105	-6.20924	0.0377683	0.37523	-2.66504	0.00713003	0.243195	-4.11193	0.0712873	0.440615	-2.26956	0.28044	1.57846	1.57846
cg27663936	MS4A14;MS4A7;MS4A7;MS4A7;MS4A14;MS4A7	0.00415384	0.000242006	0.0352946	-28.3329	0.327749	0.573257	-1.74442	0.00279265	0.103337	-9.67706	0.0290754	0.242484	-4.12399	0.195261	0.470241	-2.12657
cg00318606	MS4A14;MS4A7;MS4A7;MS4A7;MS4A14;MS4A7	0.0113358	0.000563867	0.115222	-8.67891	0.409983	0.711313	-1.40585	0.535647	0.776012	-1.28864	0.160084	1.83451	1.83451	0.225258	1.67346	1.67346
cg02621636	MS4A14;MS4A7;MS4A7;MS4A7;MS4A14;MS4A7	0.0430952	0.00110732	0.0344581	-29.0208	0.657705	0.731667	-1.36674	0.769235	0.813739	-1.2289	0.638038	0.717491	-1.39375	0.450559	1.71365	1.71365
cg11299537	MS4A15;MS4A15	1.85E-06	0.24266	0.900811	-1.11011	2.50E-05	0.489005	-2.04497	3.16E-08	0.180748	-5.53258	0.211626	1.11898	1.11898	1.96E-05	0.477325	-2.09501
cg24267038	MS4A15;MS4A15	5.39E-06	1.70E-07	0.107296	-9.31999	0.0740126	0.759517	-1.31663	0.43088	1.11747	1.11747	0.315001	0.866287	-1.15435	0.000144626	0.404858	-2.47
cg08416638	MS4A15;MS4A15	1.12E-05	2.82E-06	0.322191	-3.10375	0.390219	1.09294	1.09294	0.000249737	0.543334	-1.84049	0.00507178	0.687984	-1.45352	0.0109144	0.72431	-1.38062
cg01706409	MS4A15;MS4A15	0.000357505	0.000690516	0.27758	-3.60256	0.9346	1.02051	1.02051	0.00266556	0.357775	-2.79505	0.0066839	0.418722	-2.38822	0.00564042	0.407051	-2.45669
cg10812451	MS4A15;MS4A15	0.000363367	0.280698	0.729512	-1.37078	0.009516	0.396988	-2.51897	0.000149887	0.160182	-6.2429	0.000971603	0.251414	-3.9775	0.000732627	0.23609	-4.23568
cg06521148	MS4A15;MS4A15	0.000385098	0.000437216	0.339713	-2.94366	0.0177183	0.571019	-1.75126	0.00325576	0.458638	-2.18037	0.00896187	0.524246	-1.9075	0.00046307	0.342919	-2.91614
cg26985798	MS4A15;MS4A15	0.00134557	0.00271374	0.477346	-2.09492	0.134143	0.749421	-1.33436	0.00117752	0.427441	-2.33951	0.0182362	0.599453	-1.66819	0.0379443	0.650697	-1.53681
cg21043727	MS4A15;MS4A15	0.00336032	0.311928	1.49261	1.49261	0.00194891	5.35247	5.35247	0.638875	1.19838	1.19838	0.259735	0.637533	-1.56855	0.0100605	3.46845	3.46845
cg26781224	MS4A15;MS4A15	0.00351146	0.814969	1.04193	1.04193	0.634923	0.919613	-1.08741	9.36E-05	0.295051	-3.38924	0.0141974	0.588566	-1.69905	0.267592	1.22426	1.22426
cg23117439	MS4A15;MS4A15	0.00397458	0.775547	0.915019	-1.09287	0.118853	1.69199	1.69199	0.223735	1.48751	1.48751	0.069476	0.532154	-1.87916	0.311095	0.72211	-1.38483

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12425057	0.452372	1.26165	1.26165	0.0670808	0.536288	-1.86467	0.00836576	2.78118	2.78118	0.016252	2.44062	2.44062	6.45314	9.41957	1.2975	1
cg03337256	0.248626	0.699027	-1.43056	0.773743	1.08935	1.08935	0.0317445	0.473558	-2.11167	0.00437609	0.323015	-3.09583	5.9837	8.35444	1.24107	1
cg25844921	0.458584	0.794404	-1.25881	0.351894	0.746647	-1.33932	0.12375	1.66263	1.66263	0.108033	1.70702	1.70702	4.1815	6.15927	1.30932	1
cg22396691	0.0991094	1.31528	1.31528	0.00621047	1.71735	1.71735	0.140103	1.27203	1.27203	0.767905	1.04588	1.04588	3.97486	1.44637	0.323449	1
cg05138699	0.167519	0.729587	-1.37064	0.292995	0.791537	-1.26337	0.0121472	0.511782	-1.95396	0.616064	0.897319	-1.11443	4.60574	3.34989	0.646515	1
cg26060255	0.898038	0.959878	-1.0418	0.968629	1.01264	1.01264	0.605196	1.18125	1.18125	0.477109	0.793817	-1.25974	4.17546	6.74707	1.43634	1
cg15427713	0.0186639	0.707762	-1.4129	0.475014	0.915698	-1.09206	0.0164132	1.42696	1.42696	0.0604242	1.29266	1.29266	18.6275	4.33596	0.206909	1
cg07857331	0.0234934	0.410235	-2.43763	0.000172601	0.122371	-8.17189	0.0385778	0.454287	-2.20125	0.00210161	0.240622	-4.15589	13.3102	22.8578	1.5265	1
cg17789542	0.130105	1.30154	1.30154	0.542198	1.10456	1.10456	0.9331	1.01363	1.01363	0.19605	1.24654	1.24654	10.4114	4.28423	0.365772	1
cg05651412	0.638299	1.07374	1.07374	0.00446995	1.76778	1.76778	0.14662	0.791269	-1.26379	0.953955	1.00871	1.00871	4.22831	1.51213	0.317884	1
cg15913645	0.656736	0.886493	-1.12804	0.0458312	0.53978	-1.85261	0.0212774	0.474422	-2.10783	0.0129076	0.435433	-2.29656	3.53743	4.06484	1.02142	1
cg27326661	0.0122989	0.540676	-1.84954	0.00016476	0.281737	-3.54941	0.334399	0.821718	-1.21696	0.0377073	0.621636	-1.60866	11.8015	7.271	0.54765	1
cg02006107	0.00445956	0.325172	-3.0753	0.0322367	0.475786	-2.10179	0.00351101	0.309565	-3.23033	0.0589028	0.53162	-1.88104	7.96922	11.0716	1.23493	1
cg06728098	0.00140436	0.448064	-2.23183	0.35263	0.847041	-1.18058	0.0172175	0.604273	-1.65488	0.88658	0.975534	-1.02508	7.19291	3.4317	0.424084	1
cg26103331	0.0590692	0.733244	-1.3638	0.43809	1.12203	1.12203	0.532412	1.09642	1.09642	0.00783085	0.608466	-1.64348	5.65115	1.89648	0.298304	1
cg12660466	0.39981	0.693818	-1.4413	0.00123163	0.134785	-7.41922	0.0253476	0.32388	-3.08756	0.282564	0.622777	-1.60571	3.81988	10.8819	2.53222	1
cg26174628	0.0503444	1.40659	1.40659	0.116985	1.2975	1.2975	0.416989	0.880857	-1.13526	0.11361	0.768522	-1.3012	3.5654	1.32076	0.329277	1
cg09388920	0.148139	0.285485	-3.50281	0.011565	0.0779638	-12.8265	0.0299827	0.127061	-7.87023	0.0738363	0.199863	-5.00342	3.50004	36.1951	9.19228	1
cg20473164	0.234363	1.13349	1.13349	0.0597338	0.807714	-1.23806	0.686454	1.04163	1.04163	0.42123	1.08609	1.08609	5.06054	0.809723	0.142229	1
cg24153171	0.00983523	0.179037	-5.58544	0.0012603	0.0835936	-11.9626	0.166992	2.1742	2.1742	0.774971	1.16311	1.16311	10.8515	37.1482	3.91238	1
cg25551987	0.0300117	0.820184	-1.21924	0.684833	1.0322	1.0322	0.0200385	0.80419	-1.24349	0.0452681	1.19526	1.19526	8.0934	0.773036	0.0849017	1
cg04713108	0.198006	0.719843	-1.38919	0.000171414	0.21376	-4.67815	0.787333	0.936756	-1.06751	0.0234979	0.520093	-1.92273	7.37664	6.82001	0.821815	1
cg23455614	0.392179	1.1273	1.1273	0.175331	0.821192	-1.21774	0.91604	0.985689	-1.01452	0.0168887	1.48941	1.48941	6.46565	1.91319	0.263022	1
cg21927362	0.523878	0.883476	-1.13189	0.00335817	0.465173	-2.14974	0.791064	0.950348	-1.05225	0.129244	1.36945	1.36945	4.22366	2.46083	0.517892	1
cg09420988	0.331595	0.65199	-1.53377	0.00562312	0.211818	-4.72104	0.490356	1.34873	1.34873	0.5969	1.25596	1.25596	3.61978	10.4525	2.56677	1
cg04762397	0.470525	1.0854	1.0854	0.000642175	0.224636	-4.45165	0.00195865	0.359287	-2.78329	0.366764	0.899861	-1.11128	119.905	9.88355	0.0494569	1
cg13460389	0.0045739	0.723176	-1.38279	0.141923	0.873237	-1.14516	0.00200761	0.68782	-1.45387	0.109352	0.860828	-1.16167	9.02102	1.05278	0.103736	1
cg09977572	0.0230422	0.673956	-1.48378	0.013835	0.642997	-1.55522	0.231801	0.833552	-1.19969	0.0434341	1.40096	1.40096	6.80914	2.27274	0.296691	1
cg15709536	0.315709	0.804031	-1.24373	0.00084447	0.348088	-2.87283	0.00302108	0.425408	-2.35068	0.192118	0.748038	-1.33683	6.62193	4.63649	0.622375	1
cg25410896	0.4029	0.841095	-1.18893	0.000326733	0.309177	-3.2344	0.0726793	0.6671	-1.49902	0.997144	1.00072	1.00072	6.20791	4.0182	0.575352	1
cg15946545	0.107663	0.801238	-1.24807	0.00162061	0.565384	-1.76871	0.039155	0.739875	-1.35158	0.15705	1.21048	1.21048	5.31622	1.34136	0.224279	1
cg25780806	0.176459	0.794871	-1.25807	0.112951	1.31735	1.31735	0.755173	0.951255	-1.05124	0.00349259	0.530949	-1.88342	5.00685	2.0239	0.359312	1
cg13253481	0.646021	0.934105	-1.07054	0.081905	0.752653	-1.32863	0.0201065	1.51181	1.51181	0.0478846	1.39571	1.39571	4.12533	1.41951	0.305864	1
cg06041595	0.0677832	0.776055	-1.28857	0.00129771	0.559548	-1.78716	0.413133	1.10925	1.10925	0.4522	1.09956	1.09956	7.65667	1.86218	0.216186	1
cg22409918	0.00628101	0.635275	-1.57412	0.048965	0.750896	-1.33174	0.0264249	1.39855	1.39855	0.547441	1.08067	1.08067	4.73649	1.21829	0.228634	1
cg21776010	0.612601	0.853663	-1.17142	0.00436553	0.307333	-3.2538	0.297948	0.715827	-1.39699	0.0128479	2.60472	2.60472	4.4792	6.81086	1.3516	1
cg18505232	0.0674035	1.40178	1.40178	0.752622	0.949226	-1.05349	0.0988568	1.34746	1.34746	0.0599087	1.41882	1.41882	4.42718	1.90425	0.382336	1
cg08522707	0.0456333	0.382463	-2.61463	0.219923	0.582196	-1.71763	6.42E-05	0.0458919	-21.7903	0.865323	1.07378	1.07378	11.4302	31.8384	2.47596	1
cg02691484	0.0221258	0.725345	-1.37865	0.406833	1.10441	1.10441	0.0830028	1.25188	1.25188	0.312755	1.12999	1.12999	5.29179	1.14801	0.192837	1
cg05518842	0.198928	0.85156	-1.17432	0.0496308	1.30358	1.30358	0.0159232	1.41828	1.41828	0.0224336	1.38229	1.38229	5.33105	1.18309	0.197266	1
cg16744862	0.00350149	0.217911	-4.58903	0.114417	1.93574	1.93574	0.322616	1.48144	1.48144	0.63236	1.20371	1.20371	8.64485	15.7573	2.08312	1
cg08925658	0.144149	1.24251	1.24251	0.102162	0.780706	-1.28089	0.0001681	2.42603	2.42603	0.000437657	2.15744	2.15744	20.7087	6.28134	0.269617	1
cg10354406	0.00489074	0.184049	-5.43332	0.000315218	0.07071	-14.1423	0.543371	0.756427	-1.322	0.0323567	0.320763	-3.11756	11.3431	36.9965	2.89917	1
cg03115820	0.211366	1.17261	1.17261	0.0026718	0.605214	-1.65231	0.473113	1.09225	1.09225	0.84886	0.977192	-1.02334	5.28793	1.22479	0.205885	1
cg17108364	0.548128	0.822943	-1.21515	0.545057	1.21702	1.21702	0.966984	0.986815	-1.01336	0.487604	0.797612	-1.25374	3.9588	6.44675	1.44752	1
cg13715209	0.499673	0.895096	-1.1172	0.00420654	0.537942	-1.85894	0.876281	1.02552	1.02552	0.518258	0.899485	-1.11175	3.69271	1.52997	0.368284	1
cg15556672	0.0598592	0.310727	-3.21826	0.00199114	0.0904267	-11.0587	0.0160467	0.19743	-5.06509	0.0157242	0.196027	-5.10133	5.79432	27.8097	4.2662	1
cg15387943	0.316726	0.585989	-1.70652	0.0588619	0.332287	-3.00944	0.0638621	0.341101	-2.93168	0.0165338	0.220484	-4.53548	5.33344	20.0192	3.75353	1
cg06008617	0.00433123	0.139706	-7.15791	0.00989709	0.185974	-5.37709	0.0276442	0.260788	-3.83453	0.353908	0.611211	-1.6361	5.22087	22.0302	3.75078	1
cg11191451	0.764726	1.05889	1.05889	0.145758	0.742491	-1.34682	0.178062	0.761235	-1.31365	0.0122157	0.551447	-1.81341	4.0919	2.09357	0.511637	1
cg11464464	0.269749	1.19508	1.19508	0.609961	1.08305	1.08305	0.00336136	1.85645	1.85645	0.941822	0.988746	-1.01138	3.43805	1.30934	0.338522	1
cg26492819	0.122605	0.817403	-1.22339	6.46E-05	0.412858	-2.42214	0.0860434	1.25684	1.25684	6.99E-06	0.301523	-3.3165	28.7387	6.61069	0.204469	1
cg00492362	0.0267486	0.556964	-1.79545	0.333897	1.24888	1.24888	0.138982	0.701078	-1.42638	0.0403898	0.589801	-1.69549	18.5698	14.6249	0.70006	1
cg16176188	1.32E-05	0.287933	-3.47304	0.000710396	0.495138	-2.01964	0.469479	0.904562	-1.10551	0.240789	1.18221	1.18221	14.7793	4.34863	0.261545	1
cg08871239	0.0424236	0.243979	-4.09872	0.000618007	0.0415461	-24.0696	0.00139667	0.0611462	-16.3542	0.0310858	0.217084	-4.60652	9.9338	57.3203	5.1291	1
cg02633838	0.00688646	0.578961	-1.72723	0.00378198	0.543156	-1.84109	0.0630186	1.38638	1.38638	0.249893	1.20664	1.20664	6.68109	2.58222	0.343554	1
cg21665164	0.895434	0.947459	-1.05545	0.463114	0.735989	-1.35872	0.662319	0.834968	-1.19765	0.0688158	0.4335	-2.3068	3.74208	9.98411	2.37161	1
cg25820224	0.920217	0.990445	-1.00965	0.0138827	0.747276	-1.33819	0.00101137	1.59588	1.59588	0.195079	1.14036	1.14036	5.0468	0.734104	0.129297	1
cg09496791	0.332813	1.1697	1.1697	0.00663655	0.575346	-1.73808	0.705086	1.06147	1.06147	0.14281	0.781046	-1.28033	3.86723	1.50775	0.346559	1
cg24083756	0.00505913	1.86977	1.86977	0.936696	0.986678	-1.0135	0.979349	1.00438	1.00438	0.0520515	0.688562	-1.4523	4.93918	2.22993	0.401315	1
cg02556430	0.249468	0.655368	-1.52586	0.0203937	0.374842	-2.66779	0.28454	1.47739	1.47739	0.965253	1.01541	1.01541	5.42269	10.5851	1.73511	1
cg21291385	0.177673	0.504593	-1.9818	0.00194584	0.123366	-8.10596	0.770661	0.869729	-1.14978	0.149052	0.477664	-2.09352	4.29392	15.5053	3.20976	1
cg10836173	0.408268	1.51408	1.51408	0.0800707	0.385831	-2.59181	0.0249641	3.69994	3.69994	0.464249	1.44096	1.44096	3.71079	14.1346	3.38584	1
cg10599571	0.580354	0.8073	-1.2387	0.0910638	0.489937	-2.04108	0.0362922	2.54228	2.54228	0.553942	1.25797	1.25797	3.46551	8.06482	2.06859	1
cg07707891	0.14599	0.422498	-2.36687	0.00901955	0.160009	-6.24964	0.105287	0.376464	-2.65629	0.0439211	0.278538	-3.59017	3.4233	16.5207	4.28972	1
cg04686354	0.461115	1.24255	1.24255	0.264559	1.40013	1.40013	0.666602	0.882102	-1.13366	0.270913	0.71766	-1.39342	4.99032	6.62096	1.17934	1
cg08436643	0.285667	0.668423	-1.49606	0.13273	1.80274	1.80274	0.0932292	1.95581	1.95581	0.672884	0.857044	-1.1668	4.96466	10.3769	1.85791	1
cg16827057	0.000265125	0.654819	-1.52714	0.362841	1.06834	1.06834	0.130937	0.891116	-1.12219	0.628166	0.966092	-1.0351	46.524	3.68143	0.0703375	1
cg08049553	0.979991	1.00151	1.00151	0.0716738	1.12849	1.12849	0.00907117	1.22056	1.22056	2.73E-05	1.64421	1.64421	12.334	0.70569	0.0508578	1
cg11227077	0.264695	0.855618	-1.16875	5.08E-05	0.361183	-2.76868	0.367697	0.883277	-1.13215	0.0949307	0.781799	-1.2791	9.87755	2.81471	0.253298	1
cg14219696	0.0159914	1.58687	1.58687	0.430725	0.881686	-1.13419	0.102326	1.32301	1.32301	0.13125	1.2906	1.2906	7.05149	2.7376	0.345093	1
cg11127732	0.732024	1.09944	1.09944	0.00305252	0.326592	-3.06193	0.561466	0.85051	-1.17576	0.0585046	0.55461	-1.80307	4.81331	5.79801	1.07074	1
cg16157530	0.00258632	0.475026	-2.10515	0.725779	0.939156	-1.06479	0.49912	1.1301	1.1301	0.487694	0.881893	-1.13393	3.51636	1.76969	0.447353	1
cg14228182	0.0019381	0.509349	-1.96329	0.00635827	0.579028	-1.72703	0.0151874	1.58213	1.58213	0.114156	0.767696	-1.3026	9.29814	3.4849	0.333152	1
cg13909320	0.575682	0.944438	-1.05883	0.000124972	0.508782	-1.96548	0.476675	1.0759	1.0759	0.00388924	1.48144	1.48144	9.75941	1.57964	0.143874	1
cg03142975	0.565325	0.756146	-1.3225	0.00169826	0.115784	-8.63675	0.00526462	0.170409	-5.86823	0.0466691	0.334378	-2.99063	6.70546	24.5628	3.25609	1
cg26783297	0.0139738	0.404315	-2.47332	0.000294624	0.1722	-5.80721	0.148287	1.58818	1.58818	0.0587829	0.529002	-1.89035	10.8171	15.2457	1.25281	1
cg13884546	0.000269756	3.67396	3.67396	0.829053	0.953997	-1.04822	0.0725019	0.646318	-1.54723	0.128151	1.43078	1.43078	10.0794	7.57255	0.667816	1
cg03200502	3.98E-05	8.03099	8.03099	0.427566	1.23971	1.23971	0.404803	1.25373	1.25373	0.123128	1.55752	1.55752	8.12343	9.05401	0.990716	1
cg19185686	0.233847	1.24446	1.24446	0.298224	1.20798	1.20798	0.416584	1.1566	1.1566	0.430477	0.868484	-1.15143	6.65267	3.23516	0.432262	1
cg02556401	0.000723912	6.14173	6.14173	0.543977	1.24211	1.24211	0.110589	1.84735	1.84735	0.554902	1.23469	1.23469	5.03461	9.93609	1.75427	1
cg03632145	0.000285277	14.0763	14.0763	0.344324	0.64743	-1.54457	0.926721	0.959775	-1.04191	0.980735	1.01083	1.01083	4.81087	15.1774	2.80427	1
cg11649040	0.000480039	9.84525	9.84525	0.345559	0.66663	-1.50008	0.463927	0.732581	-1.36504	0.325266	0.654412	-1.52809	4.74085	13.084	2.45319	1
cg17047882	0.00029077	6.0538	6.0538	0.80578	0.927671	-1.07797	0.681069	1.13423	1.13423	0.550797	1.20195	1.20195	4.71406	6.93464	1.3076	1
cg18024801	0.000396891	12.5209	12.5209	0.108303	0.456037	-2.19281	0.832374	1.09965	1.09965	0.833763	0.910106	-1.09877	4.62543	14.7153	2.8279	1
cg03971626	0.189159	0.579707	-1.72501	0.185204	0.576529	-1.73452	0.533795	0.781132	-1.28019	0.0791813	0.465837	-2.14667	3.61355	8.79286	2.16294	1
cg09108797	0.00216325	13.1157	13.1157	0.179281	0.426185	-2.3464	0.253377	2.04047	2.04047	0.503103	0.66612	-1.50123	3.52006	19.9274	5.03209	1
cg10833114	0.248808	0.902183	-1.10842	0.784363	1.0237	1.0237	0.385519	0.926845	-1.07893	0.002526	0.69905	-1.43051	4.82945	0.557738	0.102655	1
cg07312601	0.0582731	0.367673	-2.71981	0.000745136	0.0913266	-10.9497	0.960294	0.976991	-1.02355	0.1449	0.480929	-2.07931	6.68175	23.1345	3.07764	1
cg24328054	0.632049	0.795625	-1.25687	0.00895133	0.206888	-4.83352	0.471748	1.41467	1.41467	0.0733508	0.388203	-2.57597	5.20198	18.5023	3.16158	1
cg04896191	0.085304	0.330457	-3.02611	0.03336	0.235187	-4.25193	0.0661693	0.301312	-3.31882	0.104581	0.356072	-2.80842	3.3927	18.2051	4.76976	1
cg10748867	0.0270101	0.433293	-2.30791	1.77E-06	0.0221669	-45.1124	0.00466299	0.300675	-3.32586	0.000289337	0.151288	-6.60993	23.8838	38.5909	1.43625	1
cg06837242	0.00468011	0.861117	-1.16128	0.00031093	0.792443	-1.26192	0.389508	0.965539	-1.03569	0.283174	0.956623	-1.04534	18.5142	0.463751	0.0222652	1
cg18224761	0.0222325	0.574435	-1.74084	0.0021324	0.417726	-2.39391	0.00468623	0.467498	-2.13905	5.73E-05	0.220893	-4.52708	11.4894	7.44554	0.57603	1
cg18045831	0.19753	0.79102	-1.26419	0.00229369	0.480185	-2.08253	0.261562	0.817506	-1.22323	0.619757	0.917514	-1.0899	3.50198	1.64282	0.416988	1
cg26547761	0.843886	0.948514	-1.05428	0.126792	1.55701	1.55701	0.00239711	3.10866	3.10866	0.0662868	1.73712	1.73712	3.4919	3.97501	1.01187	1
cg22402059	0.55477	0.960737	-1.04087	0.0537646	0.863443	-1.15815	0.506428	1.04623	1.04623	0.00800487	1.25589	1.25589	10.5142	0.748515	0.0632809	1
cg11828741	0.0484027	0.641428	-1.55902	0.00743538	1.9715	1.9715	0.64744	1.0949	1.0949	0.0256667	0.593413	-1.68517	13.4629	8.26672	0.545811	1
cg06595154	0.698671	0.882477	-1.13317	0.00676428	0.323604	-3.0902	0.998753	0.999498	-1.0005	0.0564432	0.499503	-2.00199	4.4298	7.24692	1.45418	1
cg20229734	0.840935	0.964303	-1.03702	0.577967	1.10701	1.10701	0.900715	1.02283	1.02283	0.0829675	0.706629	-1.41517	3.79309	1.96564	0.460637	1
cg10566319	0.0877889	1.76177	1.76177	0.00703541	2.84957	2.84957	0.16451	1.56164	1.56164	0.0224709	0.439699	-2.27429	8.9552	12.8114	1.27165	1
cg17471425	0.912195	0.962358	-1.03911	0.04371	0.446424	-2.24002	0.309218	0.693467	-1.44203	0.023566	0.390413	-2.56139	6.80757	13.0451	1.70335	1
cg16638248	0.635596	1.16017	1.16017	0.0095501	0.360046	-2.77742	0.0820332	0.548995	-1.82151	0.0520683	0.502693	-1.98928	5.11078	7.84026	1.36361	1
cg05382956	0.408551	0.740812	-1.34987	0.0848244	1.9668	1.9668	0.0816621	1.98348	1.98348	0.737074	0.887284	-1.12703	4.40537	8.78869	1.77333	1
cg03787988	0.0792126	0.389871	-2.56495	0.0039621	0.153668	-6.50755	0.558018	0.750994	-1.33157	0.0578295	0.354625	-2.81988	3.91347	14.4817	3.28931	1
cg20285761	0.00263657	2.12685	2.12685	0.104947	1.37887	1.37887	0.949841	0.988658	-1.01147	0.110625	1.37055	1.37055	4.54771	2.36788	0.462821	1
cg03222523	0.398458	0.60138	-1.66284	0.00513002	0.113635	-8.80011	0.00998609	0.147553	-6.77723	0.094899	0.339728	-2.94353	4.25769	23.3328	4.87126	1
cg10566699	0.343363	0.882218	-1.13351	0.0859351	0.783783	-1.27586	0.0477455	0.747805	-1.33725	0.924845	0.98796	-1.01219	3.88909	1.01515	0.232023	1
cg07221454	0.150562	1.18953	1.18953	0.00540711	1.51045	1.51045	0.00143374	0.594963	-1.68078	0.120856	1.20862	1.20862	7.98391	1.60432	0.178617	1
cg09257456	1.70E-05	0.190437	-5.25107	0.160612	1.3253	1.3253	8.71E-06	0.162841	-6.14095	0.000993945	0.398882	-2.50701	39.8797	22.3036	0.497129	1
cg23532119	0.000295692	0.189786	-5.26908	1.65E-05	0.0821442	-12.1737	0.00214492	0.29652	-3.37246	6.35E-05	0.125565	-7.96403	29.5583	37.2211	1.11933	1
cg18006480	0.483489	0.87099	-1.14812	0.822144	1.04464	1.04464	0.563068	0.89279	-1.12008	0.00955038	0.529069	-1.89011	3.62863	2.16211	0.529642	1
cg25321462	1.44E-07	0.0863059	-11.5867	5.43E-07	0.126772	-7.88817	3.97E-06	0.203495	-4.91413	9.70E-07	0.147263	-6.79057	126.244	44.0828	0.310388	1
cg06386210	0.00268484	0.503138	-1.98753	0.338966	1.17724	1.17724	0.000324969	0.382102	-2.6171	1.50E-05	0.22613	-4.42224	59.4552	25.8085	0.385852	1
cg16894306	0.0560078	1.24145	1.24145	4.42E-05	2.16723	2.16723	0.0845851	0.826459	-1.20998	0.00028552	0.553242	-1.80753	32.3421	5.11391	0.14055	1
cg03308056	0.317523	1.11873	1.11873	0.0176148	1.36831	1.36831	0.0355564	0.766671	-1.30434	0.000915466	0.583866	-1.71272	31.3607	5.85641	0.165994	1
cg16422547	0.000124359	0.220781	-4.52937	0.0821021	1.54498	1.54498	0.000422666	0.283253	-3.53041	9.84E-05	0.20973	-4.76803	30.2724	24.4514	0.717965	1
cg05584078	0.000733693	0.113156	-8.83733	0.0773826	0.434425	-2.30189	0.00577875	0.215305	-4.64457	0.00104545	0.127416	-7.8483	13.5921	38.8208	2.53877	1
cg26283559	0.047058	0.327306	-3.05525	0.00264799	0.129537	-7.71983	0.00769556	0.185836	-5.38109	0.0061909	0.173028	-5.77941	8.42986	32.242	3.39977	1
cg12647966	0.905693	0.977645	-1.02287	0.00742357	1.93061	1.93061	0.0547181	0.659887	-1.51541	0.00228954	0.443362	-2.25549	7.00099	4.03499	0.512307	1
cg11728664	0.0120313	0.302983	-3.30051	0.00781625	0.272077	-3.67543	0.00356497	0.221945	-4.50563	0.0642176	0.452562	-2.20964	5.59133	12.8714	2.04625	1
cg06746274	0.0343341	0.143355	-6.97571	0.0295848	0.133256	-7.50434	0.0278516	0.129358	-7.73048	0.0571525	0.183912	-5.43739	3.89265	38.169	8.71591	1
cg07841234	0.75142	1.06449	1.06449	0.267684	1.25491	1.25491	0.00222427	0.430588	-2.3224	0.872723	0.968964	-1.03203	9.14671	5.60213	0.544422	1
cg06480663	0.0344409	0.225758	-4.42952	0.595308	1.38188	1.38188	0.00429063	0.0998016	-10.0199	0.0212648	0.188161	-5.31459	5.26888	30.3772	5.1248	1
cg02907837	0.0080285	0.251118	-3.98219	0.0962592	0.475662	-2.10233	0.000699617	0.122075	-8.19168	0.013406	0.287695	-3.4759	7.93337	20.7971	2.33019	1
cg27663936	0.147805	0.42517	-2.352	0.192476	0.467767	-2.13782	0.0026616	0.1014	-9.86191	0.0116618	0.176189	-5.67572	7.76358	37.3016	4.27084	1
cg00318606	0.250233	1.62539	1.62539	0.315628	1.52114	1.52114	0.531675	0.774045	-1.29191	0.0178079	0.312024	-3.20489	5.67718	14.6955	2.30091	1
cg02621636	0.471811	1.66995	1.66995	0.520513	1.57829	1.57829	0.674059	0.743509	-1.34497	0.0690488	0.240423	-4.15934	3.5829	27.8552	6.91065	1
cg11299537	0.463659	1.0658	1.0658	0.00031009	0.606559	-1.64864	0.00387308	0.717214	-1.39428	0.251904	0.902799	-1.10767	62.695	7.24723	0.102751	1
cg24267038	0.222642	0.837739	-1.19369	0.149338	1.23812	1.23812	3.08E-06	0.216054	-4.62848	0.0132988	0.654575	-1.52771	47.6138	14.3925	0.26869	1
cg08416638	0.00215663	0.647399	-1.54464	0.0120903	1.37141	1.37141	1.08E-06	0.277091	-3.60893	0.00263182	0.656871	-1.52237	39.3602	6.35214	0.143453	1
cg01706409	0.00604805	0.411825	-2.42822	3.79E-05	0.141329	-7.07567	0.000882386	0.291346	-3.43235	0.00039558	0.247596	-4.03884	15.6776	15.2005	0.86184	1
cg10812451	0.0917669	0.593238	-1.68566	6.13E-05	0.124908	-8.00592	0.000483784	0.21457	-4.66048	0.0158507	0.435554	-2.29593	15.6076	19.5554	1.11372	1
cg06521148	0.130116	0.727861	-1.37389	3.92E-05	0.216662	-4.61548	0.000652145	0.362268	-2.76039	0.00213794	0.432549	-2.31188	15.3601	9.18255	0.531395	1
cg26985798	0.156456	0.76286	-1.31086	0.593903	0.908373	-1.10087	0.000371204	0.361615	-2.76538	0.000175668	0.32102	-3.11507	10.8118	5.46003	0.448894	1
cg21043727	0.278154	0.64935	-1.54	0.000646678	0.134839	-7.41623	0.447012	0.743228	-1.34548	0.243393	1.59579	1.59579	8.27393	19.211	2.06388	1
cg26781224	0.0664094	1.43431	1.43431	0.120072	0.744196	-1.34373	0.250425	0.810246	-1.23419	0.391644	0.857469	-1.16622	8.16581	3.96991	0.432144	1
cg23117439	0.00405196	0.301516	-3.31657	0.00023898	0.151123	-6.61713	0.391344	1.31369	1.31369	0.280192	1.41728	1.41728	7.86759	12.0261	1.35872	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03378197	MS4A15;MS4A15	0.00873777	0.183058	1.78049	1.78049	0.131877	1.94273	1.94273	0.078414	2.22179	2.22179	0.104407	0.484401	-2.06441	0.0523009	0.406058	-2.4627
cg01303099	MS4A15;MS4A15	0.0135047	0.0756556	0.304284	-3.28641	0.549148	1.44009	1.44009	0.0197816	0.183901	-5.43771	0.544684	1.44613	1.44613	0.0031495	0.0881973	-11.3382
cg25072962	MS4A15;MS4A15	0.0258158	0.0246178	0.345823	-2.89165	0.0530995	0.418169	-2.39138	0.120873	0.513087	-1.94899	0.793034	0.900941	-1.10995	0.319174	0.664705	-1.50443
cg06968712	MS4A15;MS4A15	0.0306336	0.0741491	2.37708	2.37708	0.492488	0.741616	-1.34841	0.610293	1.2463	1.2463	0.0272457	0.317209	-3.15249	0.387558	1.46275	1.46275
cg19105504	MS4A15;MS4A15;MS4A15;MS4A15	0.0146327	0.866068	0.953783	-1.04846	0.267644	1.38224	1.38224	0.0469677	0.528644	-1.89163	0.045261	1.90386	1.90386	0.0225004	2.15148	2.15148
cg13460670	MS4A1;MS4A1	0.0072013	0.000411898	0.0695898	-14.3699	0.914686	1.05225	1.05225	0.0268725	0.287656	-3.47637	0.290367	0.593615	-1.68459	0.36428	0.642048	-1.55752
cg07618110	MS4A1;MS4A1	0.00752648	0.00591776	0.249948	-4.00083	0.0639173	0.448437	-2.22997	0.0201086	0.339654	-2.94418	0.0130127	0.305229	-3.27622	0.154496	0.556031	-1.79846
cg25996571	MS4A1;MS4A1	0.00756468	0.102666	0.708932	-1.41057	0.00152944	0.415335	-2.4077	0.00900373	0.527436	-1.89596	0.158395	1.33704	1.33704	0.603003	1.10636	1.10636
cg13765961	MS4A1;MS4A1	0.0395658	0.0101968	0.0721839	-13.8535	0.392967	0.491611	-2.03413	0.0836062	0.211447	-4.72932	0.0498878	0.162887	-6.13924	0.575256	1.58306	1.58306
cg04668301	MS4A2	0.000319217	2.07E-05	0.356321	-2.80646	8.78E-05	0.429789	-2.32673	0.0132004	0.691411	-1.44632	0.0963006	0.803044	-1.24526	0.230229	0.859679	-1.16322
cg10414946	MS4A2;MS4A2	4.16E-05	1.04E-05	0.0696514	-14.3572	0.201495	0.683201	-1.4637	0.00173591	0.283205	-3.53101	0.000145431	0.157693	-6.34142	0.366906	0.76967	-1.29926
cg22197708	MS4A2;MS4A2	0.00400658	0.000680353	0.0605094	-16.5264	0.0221904	0.227349	-4.39852	0.0132322	0.190342	-5.25371	0.0371616	0.270605	-3.69542	0.0882322	0.361936	-2.76292
cg09905416	MS4A2;MS4A2	0.0193163	0.0077088	0.102297	-9.77549	0.0191054	0.15124	-6.61201	0.0358061	0.196588	-5.08678	0.0866773	0.283596	-3.52614	0.0535268	0.232167	-4.30724
cg01917716	MS4A3;MS4A3;MS4A3	9.46E-07	9.08E-07	0.110358	-9.06142	2.27E-06	0.141591	-7.06259	8.07E-06	0.191529	-5.22115	1.15E-05	0.206604	-4.84017	0.0235602	1.58095	1.58095
cg03348161	MS4A3;MS4A3;MS4A3	2.44E-05	9.60E-06	0.113518	-8.80916	0.0719267	0.632252	-1.58165	4.93E-05	0.175501	-5.69798	2.32E-05	0.145011	-6.89602	2.27E-05	0.144154	-6.93704
cg13321166	MS4A3;MS4A3;MS4A3	0.000279012	0.000341188	0.178026	-5.61715	0.106797	0.590522	-1.69342	0.000259042	0.165611	-6.03823	0.172356	0.64757	-1.54423	0.37796	0.762905	-1.31078
cg02771260	MS4A3;MS4A3;MS4A3	0.000329473	0.000210098	0.0749734	-13.3381	0.000163728	0.0681116	-14.6818	0.00145188	0.146229	-6.83859	0.00425095	0.202106	-4.9479	0.00868826	0.247175	-4.04571
cg08111960	MS4A3;MS4A3;MS4A3	0.000770593	0.000154041	0.0780603	-12.8106	0.205349	1.69112	1.69112	0.0125609	0.295049	-3.38927	0.0136681	0.301426	-3.31756	0.191346	0.580446	-1.72281
cg17173423	MS4A3;MS4A3;MS4A3	0.00100229	6.15E-05	0.0791836	-12.6289	0.181775	0.614905	-1.62627	0.00325801	0.252507	-3.96029	0.0566604	0.477036	-2.09628	0.912353	1.0385	1.0385
cg14328641	MS4A3;MS4A3;MS4A3	0.00919804	0.119011	0.499387	-2.00246	0.547826	1.2835	1.2835	0.025655	0.336955	-2.96776	0.0099422	0.26284	-3.8046	0.0639973	0.425577	-2.34975
cg18774435	MS4A3;MS4A3;MS4A3	0.0406656	0.0168297	0.206894	-4.83338	0.976307	0.984086	-1.01617	0.0653823	0.327175	-3.05647	0.843509	1.11267	1.11267	0.0103564	0.174756	-5.72226
cg19739596	MS4A3;MS4A3;MS4A3;MS4A3;MS4A3;MS4A3	7.25E-05	1.41E-05	0.152639	-6.5514	0.020066	1.79063	1.79063	0.00294873	0.42838	-2.33438	0.000145915	0.257309	-3.88638	0.572205	0.88823	-1.12583
cg26981076	MS4A3;MS4A3;MS4A3;MS4A3;MS4A3;MS4A3	0.0145827	0.0212078	0.293725	-3.40455	0.755722	1.14798	1.14798	0.0667628	0.402954	-2.48167	0.102021	0.453186	-2.2066	0.0028706	0.163051	-6.13307
cg08564601	MS4A4A	5.49E-07	2.12E-08	0.0421019	-23.7519	0.0588386	0.725531	-1.3783	4.76E-05	0.316057	-3.16398	0.00569838	0.579752	-1.72487	0.0246138	0.668681	-1.49548
cg27008678	MS4A4A	1.34E-06	7.50E-08	0.0589125	-16.9743	0.00101186	0.462987	-2.15989	1.41E-06	0.143824	-6.95293	6.18E-05	0.311506	-3.21021	0.10266	0.754302	-1.32573
cg23754934	MS4A4A	7.50E-06	8.75E-07	0.0406501	-24.6002	0.00334771	0.376036	-2.65932	6.91E-05	0.168422	-5.93748	1.81E-05	0.11715	-8.53608	6.23E-05	0.164044	-6.09594
cg18025430	MS4A4A	0.000229015	1.11E-05	0.072144	-13.8612	0.220431	0.695939	-1.43691	0.0041536	0.339246	-2.94771	0.367981	0.770908	-1.29717	0.762405	0.918224	-1.08906
cg02893799	MS4A4A	0.00119363	0.000264064	0.120824	-8.27652	0.0100795	0.318241	-3.14228	0.00349245	0.247251	-4.04448	0.00525888	0.273157	-3.6609	0.00205127	0.216168	-4.62602
cg12604169	MS4A4A;MS4A4A	0.000180286	3.35E-05	0.0514664	-19.4302	0.00221695	0.205739	-4.86052	0.000480125	0.132588	-7.54216	0.00107307	0.168322	-5.94101	0.00277309	0.218343	-4.57995
cg02587435	MS4A4A;MS4A4A	0.000289127	0.000284014	0.06239	-16.0282	0.000278934	0.0619269	-16.1481	0.00238846	0.137962	-7.24838	0.00445091	0.169405	-5.903	0.000306003	0.0643308	-15.5446
cg01229998	MS4A4A;MS4A4A	0.019993	0.00701041	0.0849411	-11.7729	0.130626	0.315212	-3.17247	0.063018	0.227861	-4.38863	0.0493147	0.204588	-4.88787	0.0203623	0.138427	-7.22404
cg22311510	MS4A4A;MS4A4A;MS4A4A	0.000194245	2.02E-05	0.0549697	-18.1918	0.00826465	0.320933	-3.11592	0.00862788	0.324011	-3.08631	0.00762024	0.315181	-3.17278	0.032825	0.431639	-2.31675
cg17630127	MS4A5	0.00147939	0.00217012	0.477251	-2.09533	0.388659	0.859085	-1.16403	5.87E-05	0.278238	-3.59405	0.00202536	0.473132	-2.11357	0.00427784	0.518392	-1.92904
cg00534700	MS4A5	0.0044903	0.045746	0.565038	-1.76979	0.00247521	0.350386	-2.854	0.000214377	0.214263	-4.66717	0.76378	0.927629	-1.07802	0.926966	1.02312	1.02312
cg04382783	MS4A5	0.0200013	0.0142156	0.0914309	-10.9372	0.002852	0.0388755	-25.7231	0.0540695	0.17741	-5.63665	0.116047	0.259007	-3.8609	0.015666	0.0960376	-10.4126
cg06066303	MS4A5;MS4A5	0.0422658	0.052816	0.216068	-4.62817	0.111498	0.29919	-3.34235	0.0210946	0.145032	-6.89504	0.261364	0.44248	-2.25999	0.00916005	0.0998749	-10.0125
cg20284999	MS4A6A;MS4A6A;MS4A6A	1.74E-05	1.73E-06	0.0939583	-10.643	0.0301764	0.604084	-1.6554	8.75E-05	0.248926	-4.01726	0.00104967	0.38339	-2.60831	0.274142	0.798514	-1.25233
cg26250585	MS4A6A;MS4A6A;MS4A6A	0.000168099	4.69E-05	0.0677973	-14.7498	0.199974	0.622089	-1.60749	0.00241889	0.227436	-4.39684	0.000594111	0.155846	-6.41658	0.320634	0.697841	-1.43299
cg24026212	MS4A6A;MS4A6A;MS4A6A	0.000195128	5.41E-05	0.102855	-9.72244	0.00701885	0.34869	-2.86787	0.000230357	0.157482	-6.34995	0.00454859	0.319075	-3.13406	0.0177269	0.418273	-2.39078
cg07170641	MS4A6A;MS4A6A;MS4A6A	0.00027997	0.000994104	0.217338	-4.60113	0.0186098	0.41052	-2.43593	6.46E-05	0.101183	-9.88307	0.00209734	0.259106	-3.85942	0.0013597	0.234301	-4.26801
cg03055440	MS4A6A;MS4A6A;MS4A6A	0.000400852	0.177364	0.742906	-1.34607	0.0212791	0.56336	-1.77506	1.13E-05	0.144515	-6.91972	0.229571	0.770022	-1.29866	0.0823328	0.671031	-1.49024
cg18159934	MS4A6A;MS4A6A;MS4A6A	0.00268479	0.000646519	0.403136	-2.48055	0.00697395	0.545602	-1.83284	0.164853	0.773196	-1.29333	0.0144743	0.592704	-1.68718	0.018877	0.610365	-1.63836
cg07254413	MS4A6A;MS4A6A;MS4A6A	0.0453893	0.141951	0.280436	-3.56587	0.237489	0.369177	-2.70873	0.0440052	0.155114	-6.44689	0.238733	0.370244	-2.70092	0.130714	0.268703	-3.72158
cg00673646	MS4A6A;MS4A6A;MS4A6A;MS4A6A;MS4A6A;MS4A6A	0.0130984	0.0048124	0.139123	-7.1879	0.602576	1.31916	1.31916	0.0825314	0.362785	-2.75646	0.0266057	0.250174	-3.99722	0.0118556	0.190817	-5.24062
cg05040360	MS4A6E	7.77E-06	2.58E-06	0.0516157	-19.374	0.0238928	0.494804	-2.021	2.70E-05	0.115005	-8.69528	6.17E-05	0.145352	-6.87986	0.934501	1.02169	1.02169
cg14750746	MS4A6E	0.000389695	0.000167599	0.0294631	-33.9407	0.0198523	0.212886	-4.69734	0.000846125	0.0632735	-15.8044	0.00434782	0.122912	-8.13591	0.000547735	0.0521479	-19.1762
cg12930338	MS4A6E	0.00339906	0.0005993	0.0826568	-12.0982	0.00507985	0.174846	-5.71932	0.0094498	0.212539	-4.70503	0.0119899	0.228622	-4.37402	0.00282097	0.144158	-6.93684
cg18570331	MS4A6E	0.00389068	0.0179906	0.353091	-2.83213	0.168803	0.588009	-1.70066	0.00525602	0.263683	-3.79243	0.00988275	0.307084	-3.25644	0.00411252	0.248086	-4.03087
cg22090266	MS4A6E	0.0200769	0.000527102	0.157383	-6.35393	0.292066	0.687791	-1.45393	0.0649103	0.491792	-2.03338	0.315024	0.700678	-1.42719	0.857827	1.06332	1.06332
cg08935003	MS4A6E	0.0436698	0.0633362	0.429073	-2.33061	0.0206633	0.323292	-3.09318	0.022598	0.330766	-3.02329	0.104558	0.487285	-2.05219	0.0227649	0.331387	-3.01762
cg14632030	MS4A7;MS4A7;MS4A7;MS4A7	0.000888749	0.000289714	0.0512424	-19.5151	0.000497487	0.0646622	-15.465	0.0113513	0.203296	-4.91893	0.815021	0.888884	-1.12501	0.00564158	0.1611	-6.20732
cg08716584	MS4A7;MS4A7;MS4A7;MS4A7	0.00768004	0.00166303	0.0656795	-15.2255	0.0108893	0.144442	-6.9232	0.0510736	0.260577	-3.83764	0.00310995	0.0864624	-11.5657	0.0246623	0.198022	-5.04994
cg10853416	MS4A7;MS4A7;MS4A7;MS4A7	0.0108104	0.000664009	0.0405464	-24.6631	0.71057	0.795127	-1.25766	0.0667628	0.282488	-3.53997	0.0372139	0.225942	-4.42592	0.677741	1.29306	1.29306
cg20761290	MS4A7;MS4A7;MS4A7;MS4A7;MS4A7;MS4A7;MS4A7;MS4A7	0.0102704	0.00278717	0.0756502	-13.2187	0.00740136	0.115226	-8.67858	0.0663598	0.275395	-3.63115	0.0412157	0.22881	-4.37044	0.00382132	0.0869548	-11.5002
cg18343292	MS4A7;MS4A7;MS4A7;MS4A7;MS4A7;MS4A7;MS4A7;MS4A7	0.0398822	0.00698309	0.0486784	-20.543	0.20975	0.318193	-3.14274	0.0840842	0.190959	-5.23673	0.537751	0.582459	-1.71686	0.0739426	0.178117	-5.61428
cg23208430	MS4A8B	0.00958787	0.00251987	0.140037	-7.14099	0.0607164	0.371217	-2.69384	0.0755348	0.395656	-2.52745	0.0619903	0.37347	-2.67759	0.0055824	0.181625	-5.50585
cg08439328	MS4A8B	0.0135703	0.0526172	0.322652	-3.09931	0.0341786	0.281164	-3.55665	0.0127207	0.204036	-4.90108	0.0173907	0.226111	-4.4226	0.103045	0.40029	-2.49819
cg24258699	MSC	4.73E-06	0.0346715	0.634	-1.57729	0.105271	0.720707	-1.38753	0.0919452	1.40962	1.40962	0.00509957	0.504134	-1.9836	0.000262362	0.329498	-3.03492
cg25827490	MSC	2.00E-05	0.00925855	0.677492	-1.47603	0.816579	1.02777	1.02777	0.903488	1.0144	1.0144	0.346512	1.12108	1.12108	0.475295	0.917972	-1.08936
cg03347018	MSC	0.00045483	0.127164	0.550837	-1.81542	0.000267488	0.115048	-8.69199	0.122734	1.83036	1.83036	0.881812	1.05525	1.05525	0.019498	0.360375	-2.77489
cg06269753	MSC	0.0016103	0.0243624	0.366885	-2.72565	0.0431037	2.38623	2.38623	0.198711	1.66124	1.66124	0.0256586	2.69273	2.69273	0.303629	0.671546	-1.4891
cg25832771	MSC	0.00230114	0.429065	1.14066	1.14066	0.0440163	1.45831	1.45831	0.695093	0.9378	-1.06633	0.0013745	2.13132	2.13132	0.159836	0.78282	-1.27743
cg13092523	MSC	0.00242539	0.952643	0.979768	-1.02065	0.0284702	2.43461	2.43461	0.21355	1.5695	1.5695	0.491212	0.786135	-1.27205	0.480262	0.781185	-1.28011
cg14546394	MSC	0.00308705	0.0451737	0.593493	-1.68494	0.0510646	1.65608	1.65608	0.0102713	2.08416	2.08416	0.514211	0.860558	-1.16204	0.49306	0.853815	-1.17121
cg20675505	MSC	0.00901905	0.472703	1.71665	1.71665	0.0152867	9.69102	9.69102	0.0943146	3.96467	3.96467	0.236728	2.51284	2.51284	0.00501979	0.0568696	-17.5841
cg20079899	MSC	0.0252607	0.236633	0.399022	-2.50613	0.617705	1.45183	1.45183	0.0886336	4.02157	4.02157	0.847089	0.866719	-1.15378	0.651152	0.713724	-1.4011
cg24142603	MSC	0.0436885	0.142934	3.79066	3.79066	0.111431	4.33801	4.33801	0.780598	0.789526	-1.26658	0.294202	0.398202	-2.51129	0.075371	5.34164	5.34164
cg23710218	MSC;MSC	0.00377314	0.312661	0.841084	-1.18894	0.297614	1.19593	1.19593	0.109129	1.33577	1.33577	0.14506	1.29606	1.29606	0.102388	1.34474	1.34474
cg03299740	MSGN1	0.0445409	0.751137	1.09539	1.09539	0.0237817	2.16556	2.16556	0.214502	1.45385	1.45385	0.17004	1.51967	1.51967	0.0512247	0.529544	-1.88842
cg19180827	MSH2	0.00104043	0.305725	0.895464	-1.11674	0.000819499	0.591542	-1.6905	0.000848345	0.593234	-1.68568	0.0100965	0.713239	-1.40205	0.347503	1.10595	1.10595
cg25746226	MSH2	0.0122555	0.647463	0.949954	-1.05268	0.585801	1.06328	1.06328	0.13667	1.19578	1.19578	0.327668	1.11926	1.11926	0.18951	0.856435	-1.16763
cg23898128	MSH2	0.0282999	0.129372	0.647691	-1.54395	0.0490871	1.81388	1.81388	0.0153419	2.20071	2.20071	0.336657	0.769064	-1.30028	0.150789	1.50404	1.50404
cg11311499	MSH2	0.0409237	0.288499	0.877614	-1.13945	0.211171	1.16891	1.16891	0.161082	0.837495	-1.19404	0.391704	1.10957	1.10957	0.0399546	0.754799	-1.32486
cg06478094	MSH2	0.0414577	0.0179192	2.23426	2.23426	0.176386	0.669231	-1.49425	0.394202	1.27617	1.27617	0.762421	1.08841	1.08841	0.0583283	0.550014	-1.81814
cg08923791	MSH3	0.00276785	0.0904183	0.446987	-2.2372	0.866002	0.929706	-1.07561	0.012368	0.260796	-3.83442	0.974725	0.98642	-1.01377	0.000864205	0.11553	-8.65579
cg08827733	MSH3;DHFR	0.00476441	0.0266957	0.382259	-2.61603	0.148525	0.566916	-1.76393	0.092166	0.507169	-1.97173	0.848562	0.932381	-1.07252	0.000423224	0.129341	-7.73148
cg01207734	MSH3;DHFR	0.00800454	0.214042	1.16722	1.16722	0.0661164	1.27589	1.27589	0.107654	1.23061	1.23061	0.0322883	1.34487	1.34487	0.259855	1.14903	1.14903
cg24059623	MSH3;DHFR	0.0091487	0.00710642	0.144287	-6.93061	0.00856827	0.154598	-6.4684	0.037522	0.260916	-3.83266	0.130519	0.402893	-2.48205	0.00424109	0.118732	-8.4223
cg07526021	MSH3;DHFR;DHFR	0.00436234	0.0482654	0.816104	-1.22533	0.506151	1.06262	1.06262	0.821238	1.02059	1.02059	0.0570735	1.2139	1.2139	0.00726652	1.36584	1.36584
cg01304065	MSH3;DHFR;DHFR;MSH3	0.000181024	3.13E-06	0.210856	-4.74258	0.291829	1.16633	1.16633	0.594174	1.07859	1.07859	0.887901	0.980354	-1.02004	0.031767	1.42489	1.42489
cg03321043	MSH3;DHFR;DHFR;MSH3	0.0413904	0.252657	1.24449	1.24449	0.649896	0.919752	-1.08725	0.761692	0.945844	-1.05726	0.467954	0.87355	-1.14475	0.00496877	0.506227	-1.9754
cg15591386	MSH4	0.00983632	0.010225	0.243493	-4.10689	0.0232127	0.306067	-3.26726	0.293813	0.621808	-1.60821	0.173449	0.531554	-1.88128	0.00378539	0.181861	-5.4987
cg02161115	MSH4	0.0140687	0.0302994	0.372748	-2.68278	0.0186327	0.331121	-3.02004	0.0101926	0.284947	-3.50943	0.211237	1.66598	1.66598	0.00305809	0.207645	-4.81591
cg17966362	MSH4	0.0209318	0.057557	0.769702	-1.2992	0.56141	1.07419	1.07419	0.348673	1.12478	1.12478	0.481157	0.916429	-1.09119	0.00200537	0.587761	-1.70137
cg01835021	MSH5;MSH5;C6orf26;MSH5;MSH5	0.00491366	0.0050483	0.211768	-4.72215	0.00687652	0.231093	-4.32726	0.0425588	0.37624	-2.65788	0.00827431	0.243293	-4.11027	0.00206666	0.162658	-6.14788
cg24542360	MSH5;MSH5;C6orf26;MSH5;MSH5	0.00740813	0.75561	0.9464	-1.05664	0.00932208	1.7895	1.7895	0.922204	0.982912	-1.01738	0.0516634	0.676527	-1.47814	0.124104	0.745406	-1.34155
cg00632188	MSH5;MSH5;C6orf26;MSH5;MSH5	0.036246	0.020828	0.505798	-1.97707	0.0808525	0.622289	-1.60697	0.171882	0.700223	-1.42812	0.48644	0.840903	-1.1892	0.00246235	0.356338	-2.80632
cg00551378	MSH5;MSH5;MSH5;MSH5	0.000471637	0.0482068	0.603335	-1.65745	0.01353	0.50459	-1.98181	0.398532	0.824116	-1.21342	0.366574	1.23071	1.23071	1.65E-05	0.137655	-7.26451
cg18953509	MSH5;MSH5;MSH5;MSH5	0.000476424	0.00131122	0.329543	-3.0345	0.00111428	0.319934	-3.12564	0.00155198	0.339648	-2.94422	0.00965477	0.459678	-2.17544	0.000395821	0.262165	-3.81439
cg20640261	MSH5;MSH5;MSH5;MSH5	0.000852886	0.0026127	0.396319	-2.52322	0.0297423	0.566665	-1.76471	0.00424112	0.42748	-2.33929	0.00540225	0.443502	-2.25478	0.00282988	0.401374	-2.49144
cg23162518	MSH5;MSH5;MSH5;MSH5	0.00185742	0.645925	1.06639	1.06639	0.000137348	0.399998	-2.50001	0.00462141	0.592347	-1.6882	0.0365393	0.713443	-1.40165	0.838303	0.972006	-1.0288
cg03755226	MSH5;MSH5;MSH5;MSH5	0.00221076	0.0335759	0.874839	-1.14307	0.0781782	1.11116	1.11116	0.686335	0.978371	-1.02211	0.0135931	0.848352	-1.17876	0.0848751	1.10808	1.10808
cg01043134	MSH5;MSH5;MSH5;MSH5	0.00343035	0.0246823	0.781069	-1.2803	0.101685	0.847457	-1.18	0.0687984	0.828503	-1.207	0.513887	1.06306	1.06306	0.00282365	0.683903	-1.4622
cg14618071	MSH5;MSH5;MSH5;MSH5	0.00390594	0.156218	0.763738	-1.30935	0.00376394	2.00343	2.00343	0.000309808	0.353454	-2.82922	0.762229	1.0554	1.0554	0.0746745	0.702707	-1.42307
cg24370974	MSH5;MSH5;MSH5;MSH5	0.00427026	0.00227556	0.286336	-3.4924	0.579965	1.17797	1.17797	0.0607068	0.538181	-1.85811	0.0234851	0.452531	-2.20979	0.314415	0.737255	-1.35638
cg16143804	MSH5;MSH5;MSH5;MSH5	0.00816803	0.353564	0.79444	-1.25875	0.236676	1.34839	1.34839	0.233627	1.35128	1.35128	0.228731	1.356	1.356	0.00572183	0.417507	-2.39517
cg23634079	MSH5;MSH5;MSH5;MSH5	0.00974075	0.00598814	0.202646	-4.9347	0.00197189	0.14326	-6.98032	0.0195289	0.285305	-3.50502	0.386301	0.673919	-1.48386	0.00330337	0.168922	-5.91988
cg20213866	MSH5;MSH5;MSH5;MSH5	0.0133816	0.00503739	3.71886	3.71886	0.087965	0.513391	-1.94783	0.129133	0.559562	-1.78711	0.499156	0.784346	-1.27495	0.451678	1.31193	1.31193
cg02737149	MSH5;MSH5;MSH5;MSH5	0.0139509	?	?	?	0.164292	0.538805	-1.85596	0.286528	1.586	1.586	0.000869305	0.124677	-8.02071	0.199122	0.568125	-1.76018
cg14658948	MSH5;MSH5;MSH5;MSH5	0.0144628	0.705261	1.02762	1.02762	0.302183	0.926215	-1.07966	0.00226755	0.736196	-1.35833	0.146223	0.894177	-1.11835	0.171292	0.900818	-1.1101
cg08103317	MSH5;MSH5;MSH5;MSH5	0.0147386	0.623335	0.896731	-1.11516	0.00179186	2.66017	2.66017	0.0560524	1.61047	1.61047	0.88514	0.968673	-1.03234	0.00638127	0.457681	-2.18493
cg24527785	MSH5;MSH5;MSH5;MSH5	0.0321958	0.0877178	0.610224	-1.63874	0.0378795	1.87932	1.87932	0.226766	1.39455	1.39455	0.0700933	0.588205	-1.70009	0.0851518	1.64676	1.64676
cg21044630	MSH5;MSH5;MSH5;MSH5	0.0413131	0.0373677	0.240269	-4.162	0.00848149	0.137609	-7.26697	0.116552	0.365488	-2.73607	0.233152	0.478129	-2.09149	0.00986235	0.145891	-6.85445
cg11736352	MSH5;MSH5;MSH5;MSH5	0.0441426	0.803106	0.947528	-1.05538	0.828138	1.04802	1.04802	0.934221	1.01797	1.01797	0.0242334	0.560123	-1.78532	0.0053967	0.453746	-2.20388
cg23822086	MSH5;MSH5;MSH5;MSH5;MSH5;MSH5;MSH5;MSH5	0.012894	0.0808566	0.661303	-1.51217	0.0375348	0.59719	-1.67451	0.0566343	0.630693	-1.58556	0.547224	0.877986	-1.13897	0.00331304	0.425509	-2.35012
cg09898070	MSH6	0.00290056	0.577401	0.901931	-1.10873	0.020531	0.599441	-1.66822	0.877872	0.972196	-1.0286	0.221045	0.78986	-1.26605	0.0223782	0.60544	-1.65169
cg00620552	MSH6	0.00675782	0.0315351	0.719738	-1.38939	0.172007	0.827284	-1.20877	0.00315136	1.69258	1.69258	0.00329432	0.593231	-1.68568	0.383361	1.12365	1.12365
cg05039065	MSH6	0.0206238	0.0930684	1.18658	1.18658	0.469455	1.07052	1.07052	0.534192	0.943373	-1.06003	0.0175676	1.30677	1.30677	0.0893236	1.18942	1.18942
cg12589972	MSI1	0.000130682	0.364514	0.873847	-1.14437	0.0433041	1.39987	1.39987	0.0112835	0.63174	-1.58293	0.0109165	1.58785	1.58785	0.00781218	0.610087	-1.63911
cg26008908	MSI1	0.00219842	0.0111236	1.43163	1.43163	0.0870072	0.808112	-1.23745	0.496597	0.925135	-1.08092	0.0116158	1.4271	1.4271	0.760551	1.03506	1.03506
cg08399917	MSI1	0.00510827	0.140993	0.83852	-1.19258	0.0853464	1.23561	1.23561	0.608927	0.944219	-1.05908	0.0382505	1.3062	1.3062	0.1751	0.851794	-1.17399
cg13321745	MSI1	0.00767225	0.017594	0.313937	-3.18535	0.0027349	0.190362	-5.25316	0.0816144	0.46112	-2.16863	0.20973	0.588476	-1.6993	0.00168818	0.165319	-6.04893
cg15721666	MSI1	0.0109807	0.104314	0.832696	-1.20092	0.00208876	0.639852	-1.56286	0.00191976	0.635784	-1.57286	0.630105	0.951199	-1.05131	0.917064	0.989317	-1.0108
cg23791592	MSI1	0.0133511	0.646371	0.915682	-1.09208	0.673819	0.92245	-1.08407	0.016123	1.75308	1.75308	0.0525221	1.52249	1.52249	0.0247956	1.66444	1.66444
cg26214972	MSI1	0.0153039	0.637564	1.19343	1.19343	0.0912009	2.00019	2.00019	0.345615	0.696314	-1.43613	0.023738	2.73438	2.73438	0.146877	0.559811	-1.78632
cg00257296	MSI1	0.0319514	0.286582	0.917101	-1.09039	0.0367044	1.20901	1.20901	0.0672457	0.851821	-1.17396	0.425587	1.06569	1.06569	0.60801	0.960351	-1.04129
cg20569203	MSI1	0.0338818	0.211262	0.699434	-1.42973	0.389225	0.78702	-1.27062	0.00376913	2.88969	2.88969	0.730285	1.09849	1.09849	0.164319	0.668477	-1.49594
cg24158482	MSI2	0.000924635	0.0276961	0.664231	-1.5055	0.00914712	1.68268	1.68268	0.28247	1.19191	1.19191	0.959947	0.992137	-1.00793	0.000352338	0.405569	-2.46567
cg12325286	MSI2	0.00100521	0.121703	0.703624	-1.42121	0.169147	1.35922	1.35922	0.253579	1.28378	1.28378	0.102088	1.45483	1.45483	0.00116293	0.36815	-2.71628
cg00185004	MSI2	0.00106836	0.00438191	2.59678	2.59678	0.315868	1.29702	1.29702	0.0491188	1.75645	1.75645	0.000964799	3.4295	3.4295	0.131231	0.664546	-1.50479
cg00666047	MSI2	0.0014431	0.196253	0.863462	-1.15813	0.489433	1.07835	1.07835	0.12853	0.838206	-1.19302	0.0480804	0.784483	-1.27472	0.0578804	0.794253	-1.25904
cg03267466	MSI2	0.00171613	0.00778324	2.82027	2.82027	0.73562	1.10831	1.10831	0.983483	1.0063	1.0063	0.00224261	3.66313	3.66313	0.0110136	0.379945	-2.63196
cg26046953	MSI2	0.0130817	0.0216905	3.58489	3.58489	0.0152017	3.97966	3.97966	0.0184912	3.75633	3.75633	0.00916586	4.63163	4.63163	0.0532918	0.361677	-2.7649
cg07618409	MSI2	0.0236797	0.0946934	1.84632	1.84632	0.1959	0.633429	-1.57871	0.0305863	0.428174	-2.3355	0.101085	1.82111	1.82111	0.579248	0.829452	-1.20562
cg11974710	MSI2;MSI2	1.45E-05	0.263681	0.830673	-1.20384	0.00435799	1.83393	1.83393	0.0631309	1.39487	1.39487	0.226532	1.22406	1.22406	0.0546405	0.706738	-1.41495
cg18052713	MSI2;MSI2	0.000284208	0.000442406	0.244728	-4.08616	0.000177593	0.199464	-5.01343	0.000743322	0.272698	-3.66707	0.00481916	0.387132	-2.5831	0.00914732	0.431686	-2.3165
cg10723617	MSI2;MSI2	0.000299758	0.00019233	0.171668	-5.8252	0.000258124	0.184966	-5.4064	0.00827288	0.387685	-2.57941	0.188827	0.676601	-1.47798	0.000925018	0.249503	-4.00797
cg07249730	MSI2;MSI2	0.000959744	0.000370579	0.0812886	-12.3018	0.00304487	0.167278	-5.97808	0.0018874	0.143664	-6.96067	0.0467079	0.366731	-2.72679	0.000530199	0.0928489	-10.7702
cg13916877	MSI2;MSI2	0.00148217	0.0276777	0.518776	-1.92761	0.0272368	0.517463	-1.9325	0.645515	1.12387	1.12387	0.504679	0.843096	-1.1861	0.000244222	0.21684	-4.6117
cg23567690	MSI2;MSI2	0.00408102	0.00166366	0.598294	-1.67142	0.000817053	0.562079	-1.77911	0.0235669	0.734355	-1.36174	0.225093	0.864597	-1.15661	0.11428	0.821884	-1.21672
cg16323330	MSI2;MSI2	0.00425983	0.00675249	0.202566	-4.93666	0.000402292	0.0773965	-12.9205	0.0582286	0.37786	-2.64648	0.698409	0.837748	-1.19368	0.0110972	0.235064	-4.25417
cg05844827	MSI2;MSI2	0.00577549	0.27954	0.791761	-1.26301	0.00407593	2.22712	2.22712	0.727913	1.07524	1.07524	0.0971153	0.685108	-1.45962	0.00463904	0.45741	-2.18622
cg08562099	MSI2;MSI2	0.00593891	0.0668237	0.72014	-1.38862	0.168098	0.790806	-1.26453	0.00387699	0.537131	-1.86174	0.00162283	0.485924	-2.05793	0.0339917	0.673389	-1.48503
cg13790810	MSI2;MSI2	0.00680899	0.00693074	0.473144	-2.11352	0.00845798	2.05455	2.05455	0.201956	0.749343	-1.3345	0.668592	1.09662	1.09662	0.010327	0.500563	-1.99775
cg18783374	MSI2;MSI2	0.00739795	0.0228337	0.292225	-3.42202	0.00372964	0.17049	-5.86544	0.0231889	0.293509	-3.40705	0.206954	0.548197	-1.82416	0.00572841	0.194757	-5.1346
cg05490591	MSI2;MSI2	0.00891299	0.00206956	0.199672	-5.00822	0.0446925	0.424819	-2.35394	0.183465	0.592017	-1.68914	0.688196	0.860841	-1.16165	0.000766611	0.150635	-6.63855

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03378197	0.0371216	0.372241	-2.68643	0.0010734	0.139072	-7.19054	0.898708	1.05338	1.05338	0.14819	1.88397	1.88397	6.16994	16.2937	2.34739	1
cg01303099	0.101795	0.340375	-2.93794	0.00353434	0.0926075	-10.7983	0.641735	0.75432	-1.3257	0.0172213	0.174431	-5.73293	5.36291	30.7505	5.09682	1
cg25072962	0.123471	0.515858	-1.93852	0.00169627	0.168831	-5.92308	0.0248492	0.346629	-2.88493	0.0198993	0.327919	-3.04954	4.30876	10.74	2.21565	1
cg06968712	0.282098	0.61815	-1.61773	0.00288482	0.157675	-6.34216	0.437558	0.711901	-1.40469	0.266251	1.64659	1.64659	4.46426	12.6681	2.20707	1
cg19105504	0.788675	0.927457	-1.07822	0.00283343	0.315906	-3.1655	0.115962	1.61437	1.61437	0.452823	0.807032	-1.23911	5.2233	6.50087	1.1063	1
cg13460670	0.0654613	0.374304	-2.67163	0.251415	1.76739	1.76739	0.00441151	0.164265	-6.08773	0.0372381	0.316866	-3.15591	6.55684	23.4573	3.18003	1
cg07618110	0.00387438	0.223528	-4.47371	0.00344864	0.216637	-4.61602	0.0032138	0.212537	-4.70507	0.0182302	0.33163	-3.01541	6.46686	15.1902	2.08793	1
cg25996571	0.438993	1.16422	1.16422	0.948581	1.0125	1.0125	0.0330437	0.61869	-1.61632	0.00465716	0.484356	-2.0646	6.45661	3.79469	0.522419	1
cg13765961	0.0203971	0.103534	-9.65869	0.508719	1.72282	1.72282	0.0279893	0.121657	-8.21983	0.0552971	0.171559	-5.82889	3.69796	38.5606	9.26892	1
cg04668301	0.033564	0.742136	-1.34746	0.108954	1.23365	1.23365	0.00440919	0.63347	-1.57861	0.0110506	0.681934	-1.46642	16.1727	3.69556	0.203116	1
cg10414946	2.75E-05	0.0968202	-10.3284	0.000381124	0.201399	-4.96528	2.95E-05	0.0990727	-10.0936	0.000359398	0.198554	-5.0364	27.9444	35.3044	1.12301	1
cg22197708	0.0183091	0.212908	-4.69687	0.376577	0.612495	-1.63267	0.000619414	0.0580693	-17.2208	0.00576499	0.141622	-7.06106	7.8486	36.2813	4.10902	1
cg09905416	0.0185501	0.14937	-6.6948	0.00702427	0.0981683	-10.1866	0.0133191	0.129749	-7.70722	0.0319532	0.18752	-5.33277	4.7604	33.4384	6.24381	1
cg01917716	9.22E-06	0.19719	-5.07126	1.11E-06	0.116927	-8.55231	2.71E-06	0.148011	-6.75625	1.40E-05	0.215448	-4.64149	74.3845	33.7986	0.403891	1
cg03348161	0.000267554	0.255343	-3.9163	0.070003	0.629818	-1.58776	0.000268112	0.255451	-3.91465	5.23E-05	0.178034	-5.61692	32.1692	26.5349	0.733204	1
cg13321166	0.426516	1.27493	1.27493	0.00011162	0.131032	-7.63175	0.000113968	0.131826	-7.58576	0.00151551	0.254974	-3.92197	16.7797	23.7835	1.25991	1
cg02771260	0.00360485	0.192657	-5.19057	9.64E-05	0.0550812	-18.155	0.00154661	0.149161	-6.70415	0.00177347	0.155657	-6.4244	16.0331	44.3492	2.45876	1
cg08111960	0.00409805	0.219936	-4.54678	0.000287327	0.0975501	-10.2511	0.00228644	0.186942	-5.34925	0.00326111	0.206559	-4.84123	12.6648	31.0135	2.1767	1
cg17173423	0.0109725	0.334534	-2.98923	0.00048863	0.153429	-6.51768	0.021512	0.38776	-2.57892	0.00406174	0.266214	-3.75637	11.7589	21.9207	1.65705	1
cg14328641	0.0424163	0.383212	-2.60952	0.00193425	0.165244	-6.05166	0.0109148	0.269481	-3.71083	0.00383897	0.202062	-4.94897	6.07027	16.1918	2.37102	1
cg18774435	0.0777852	0.346889	-2.88277	0.013661	0.192515	-5.19441	0.648083	0.780184	-1.28175	0.0490228	0.29703	-3.36666	3.66079	16.9169	4.10765	1
cg19739596	0.81525	0.952555	-1.04981	0.117381	0.702439	-1.42361	0.00010929	0.242912	-4.11671	0.000125251	0.249655	-4.00553	24.1195	16.4742	0.607131	1
cg26981076	0.207011	0.555168	-1.80126	0.426515	1.43198	1.43198	0.909644	0.951035	-1.05149	0.0022198	0.150248	-6.65567	5.2292	16.1963	2.75313	1
cg08564601	1.07E-06	0.147181	-6.79437	0.0560383	1.3846	1.3846	8.36E-06	0.232164	-4.30731	3.18E-06	0.19012	-5.25984	85.4305	30.5875	0.318258	1
cg27008678	0.00732469	0.579322	-1.72616	0.933664	1.01323	1.01323	2.23E-05	0.26108	-3.83025	2.19E-06	0.160222	-6.24135	68.0568	26.872	0.350974	1
cg23754934	0.000346751	0.244185	-4.09526	0.16551	0.696042	-1.43669	5.61E-06	0.0813382	-12.2943	3.79E-05	0.144082	-6.94047	43.7127	41.5477	0.844865	1
cg18025430	0.162068	1.52202	1.52202	0.000983814	0.251981	-3.96855	0.0747271	0.572043	-1.74812	0.000152614	0.160844	-6.2172	17.7076	22.2023	1.11451	1
cg02893799	0.00435625	0.261014	-3.83121	0.00232724	0.223286	-4.47857	0.000903187	0.173585	-5.76087	0.00605074	0.282457	-3.54036	11.1888	22.0335	1.75045	1
cg12604169	0.000751845	0.1518	-6.58761	0.00636457	0.26989	-3.70522	7.76E-05	0.0714862	-13.9887	0.000641339	0.144788	-6.90667	18.8949	40.7047	1.91491	1
cg02587435	0.00674584	0.193309	-5.17307	0.000195613	0.0533377	-18.7485	0.000361634	0.0688428	-14.5258	0.00118728	0.10815	-9.24641	16.6171	57.6229	3.08238	1
cg01229998	0.0342054	0.1742	-5.74054	0.00770092	0.0887795	-11.2639	0.00597156	0.0787184	-12.7035	0.0525862	0.210441	-4.75193	4.70512	37.272	7.0414	1
cg22311510	0.000323384	0.141283	-7.078	0.26733	0.677826	-1.47531	4.80E-05	0.0761158	-13.1379	0.00083367	0.184074	-5.4326	18.5171	33.2108	1.59424	1
cg17630127	0.371383	0.854028	-1.17092	0.490752	0.886622	-1.12788	0.0541406	0.68677	-1.45609	0.799972	0.957289	-1.04462	10.5214	4.9251	0.416092	1
cg00534700	0.620663	1.13241	1.13241	0.185475	1.41903	1.41903	0.923358	0.9763	-1.02428	0.562602	1.15709	1.15709	7.58268	7.46116	0.874643	1
cg04382783	0.132385	0.27684	-3.6122	0.00847733	0.0700971	-14.2659	0.0337932	0.140818	-7.10138	0.0951187	0.23447	-4.26494	4.70446	46.6069	8.80619	1
cg06066303	0.118742	0.307646	-3.25049	0.0264521	0.160125	-6.24511	0.0192947	0.139453	-7.17085	0.0399326	0.191467	-5.22284	3.60887	27.696	6.82171	1
cg20284999	7.83E-05	0.243487	-4.107	0.000337983	0.319079	-3.13402	1.56E-05	0.171025	-5.8471	4.14E-05	0.213347	-4.6872	35.128	21.7519	0.550416	1
cg26250585	0.00128464	0.192941	-5.18293	0.655637	1.17042	1.17042	5.64E-05	0.0725621	-13.7813	0.000202628	0.112497	-8.88915	19.2558	37.4843	1.73036	1
cg24026212	0.000407869	0.183158	-5.45977	9.91E-05	0.123867	-8.0732	0.00164302	0.256033	-3.90575	0.000362752	0.177694	-5.62764	18.4944	26.7587	1.28609	1
cg07170641	0.40264	1.30642	1.30642	0.444558	1.27536	1.27536	0.00309604	0.282757	-3.5366	0.000125735	0.124409	-8.038	16.764	25.8575	1.37106	1
cg03055440	0.00157174	0.390124	-2.56329	0.841732	0.959404	-1.04231	0.0680637	0.654703	-1.52741	0.000230172	0.281426	-3.55333	15.1913	10.3386	0.604945	1
cg18159934	0.00317902	0.496874	-2.01258	0.00176443	0.461474	-2.16697	0.00116993	0.437294	-2.28679	0.197673	0.789478	-1.26666	8.84414	4.22123	0.424259	1
cg07254413	0.446194	0.535127	-1.86872	0.00683452	0.059537	-16.7963	0.00634292	0.0571871	-17.4865	0.0311967	0.130559	-7.65937	3.51417	36.0875	9.12814	1
cg00673646	0.0211813	0.231972	-4.31086	0.0243779	0.243045	-4.11446	0.00813389	0.167575	-5.96748	0.0156404	0.209596	-4.77107	5.41678	23.8509	3.91391	1
cg05040360	0.583413	1.15555	1.15555	0.478683	0.828607	-1.20684	1.34E-06	0.0395461	-25.287	7.60E-05	0.153641	-6.50869	43.3048	46.7364	0.959327	1
cg14750746	0.00149875	0.0806456	-12.3999	0.000569129	0.0530614	-18.8461	0.000177068	0.0303017	-33.0014	0.00489633	0.128553	-7.77887	15.3099	73.3844	4.26067	1
cg12930338	0.0681877	0.382309	-2.61569	0.487141	0.717202	-1.39431	0.00202841	0.12886	-7.76039	0.0187769	0.261695	-3.82124	8.24565	28.9494	3.12077	1
cg18570331	0.0885768	1.97468	1.97468	0.00105355	0.172914	-5.78322	0.0114054	0.317634	-3.14828	0.0840666	0.500435	-1.99826	7.9183	16.4496	1.84659	1
cg22090266	0.343226	0.715836	-1.39697	0.298348	1.4464	1.4464	0.137682	0.578494	-1.72863	0.0518422	0.468821	-2.13301	4.69843	8.7226	1.65021	1
cg08935003	0.0480199	0.400188	-2.49883	0.0211849	0.325359	-3.07353	0.0255677	0.341324	-2.92977	0.13661	0.522146	-1.91517	3.56527	9.27113	2.31147	1
cg14632030	0.0184989	0.237925	-4.20301	0.189999	2.00902	2.00902	0.000457684	0.0624341	-16.0169	0.0160028	0.227156	-4.40225	12.1659	48.6728	3.55624	1
cg08716584	0.213271	0.452339	-2.21073	0.599411	1.37824	1.37824	0.011708	0.148612	-6.72894	0.015287	0.164872	-6.06532	6.42604	37.2865	5.1577	1
cg10853416	0.601634	1.38258	1.38258	0.23787	2.1392	2.1392	0.0170818	0.167276	-5.97814	0.0391667	0.230404	-4.3402	5.76471	34.5358	5.32525	1
cg20761290	0.0421897	0.230898	-4.33091	0.00732219	0.114711	-8.71754	0.0229259	0.181914	-5.49711	0.0376393	0.220866	-4.52763	5.86035	36.4019	5.52139	1
cg18343292	0.0414392	0.130399	-7.66879	0.0148988	0.0747174	-13.3838	0.0187627	0.0848484	-11.7857	0.0427486	0.1326	-7.54148	3.68714	43.8203	10.5641	1
cg23208430	0.00486229	0.173796	-5.75386	0.0843652	0.408689	-2.44685	0.00275091	0.144225	-6.93363	0.0523574	0.355547	-2.81257	5.99059	20.8399	3.09224	1
cg08439328	0.0173821	0.226075	-4.42331	0.000861216	0.076634	-13.049	0.178708	0.480249	-2.08225	0.0420625	0.300426	-3.3286	5.35439	22.3505	3.71044	1
cg24258699	0.0102115	1.82084	1.82084	3.63E-05	0.229463	-4.35801	2.60E-07	16.938	16.938	0.0527758	1.5029	1.5029	49.2437	26.7078	0.482099	1
cg25827490	0.0877976	1.24875	1.24875	0.0424204	0.759164	-1.31724	2.16E-07	6.34052	6.34052	0.25282	1.15121	1.15121	33.8901	7.46031	0.195673	1
cg03347018	0.0338459	2.44878	2.44878	0.0496577	0.445094	-2.24672	0.000148244	10.5645	10.5645	0.0159378	2.90635	2.90635	14.6704	30.3599	1.83953	1
cg06269753	0.0119145	3.23113	3.23113	0.000278517	9.22788	9.22788	0.000746187	6.77008	6.77008	0.0937017	1.99148	1.99148	10.2674	22.7108	1.96616	1
cg25832771	0.611355	1.08713	1.08713	0.884626	0.976607	-1.02395	8.51E-05	3.16188	3.16188	0.931557	0.986094	-1.0141	9.25464	3.89559	0.374164	1
cg13092523	0.15982	1.67682	1.67682	9.19E-05	11.062	11.062	0.00107118	5.27611	5.27611	0.223944	1.55221	1.55221	9.11288	17.0938	1.66736	1
cg14546394	0.221582	1.33868	1.33868	0.0118844	0.490241	-2.03981	0.000349561	3.68754	3.68754	0.802439	0.944676	-1.05856	8.48572	6.92693	0.725604	1
cg20675505	0.0545992	0.193739	-5.16157	0.841314	0.862467	-1.15946	0.00431121	19.1634	19.1634	0.109295	3.69133	3.69133	6.96443	58.8007	6.56678	1
cg20079899	0.597822	0.674057	-1.48355	0.213179	0.378581	-2.64145	0.000735251	44.7253	44.7253	0.821214	1.18259	1.18259	4.34153	37.7476	7.72847	1
cg24142603	0.0818988	0.19562	-5.11196	0.0134542	0.0750389	-13.3264	0.166828	3.48137	3.48137	0.266129	2.66621	2.66621	3.5647	40.4393	10.0839	1
cg23710218	0.816484	1.03927	1.03927	0.280156	0.830245	-1.20446	5.53E-05	3.46705	3.46705	0.211715	1.2436	1.2436	7.99168	3.4756	0.38658	1
cg03299740	0.0124486	2.43656	2.43656	0.598395	1.1644	1.1644	0.0687561	1.792	1.792	0.0877647	1.71539	1.71539	3.53908	4.59643	1.15446	1
cg19180827	0.012833	1.37954	1.37954	0.0106047	1.39739	1.39739	0.193271	0.866467	-1.15411	0.00833567	0.70396	-1.42053	11.6349	1.99739	0.152597	1
cg25746226	0.77324	0.968297	-1.03274	0.00023376	0.506366	-1.97485	0.525192	0.930721	-1.07444	0.39447	0.907321	-1.10215	5.53549	1.09016	0.175059	1
cg23898128	0.796173	0.933689	-1.07102	0.00717751	2.5093	2.5093	0.39355	1.26069	1.26069	0.226575	0.714238	-1.40009	4.17208	4.64247	0.989107	1
cg11311499	0.286773	0.877172	-1.14003	0.00497335	0.643698	-1.55352	0.108608	1.23041	1.23041	0.513086	0.924423	-1.08176	3.65225	0.811926	0.197608	1
cg06478094	0.0483835	1.87808	1.87808	0.0466246	1.89019	1.89019	0.191091	1.47227	1.47227	0.283818	0.73261	-1.36498	3.63478	4.49498	1.09925	1
cg08923791	0.0196812	0.296419	-3.37361	0.000195883	0.0670096	-14.9232	0.999055	0.999489	-1.00051	0.0157894	0.279047	-3.58363	8.76486	25.856	2.62219	1
cg08827733	0.00782997	0.286504	-3.49035	0.00101933	0.167952	-5.95406	0.987552	0.994303	-1.00573	0.0474812	0.435907	-2.29407	7.44737	15.8209	1.88832	1
cg01207734	0.139089	1.20704	1.20704	0.000567355	0.531984	-1.87975	0.318712	0.885326	-1.12953	0.386916	1.11051	1.11051	6.34302	1.40333	0.196657	1
cg24059623	0.0349158	0.25449	-3.92943	0.001574	0.0798731	-12.5199	0.0555414	0.298813	-3.34658	0.0189326	0.205525	-4.8656	6.08065	29.8468	4.36309	1
cg07526021	0.0798724	1.19123	1.19123	0.0901297	0.84521	-1.18314	0.000566787	1.61749	1.61749	0.0141938	1.31314	1.31314	7.64943	0.982138	0.114128	1
cg01304065	0.844855	1.02794	1.02794	0.0201716	0.674238	-1.48316	0.626308	1.07147	1.07147	0.00428779	0.584265	-1.71155	18.874	5.9157	0.278606	1
cg03321043	0.0565535	0.673584	-1.4846	0.0398364	0.647278	-1.54493	0.697801	0.931063	-1.07404	0.0782163	1.43071	1.43071	3.63697	1.93022	0.471754	1
cg15591386	0.0162335	0.27729	-3.60633	0.00201673	0.149459	-6.69079	0.0190117	0.2897	-3.45184	0.0124808	0.257628	-3.88157	5.94188	17.9159	2.68017	1
cg02161115	0.707888	0.864276	-1.15704	0.0473719	0.415147	-2.40878	0.138593	0.5391	-1.85494	0.0190873	0.333086	-3.00223	5.29136	12.5849	2.11412	1
cg17966362	0.126023	0.81729	-1.22356	0.0639511	1.28887	1.28887	0.169688	0.836709	-1.19516	0.0484937	0.759784	-1.31616	4.63217	1.08977	0.209121	1
cg01835021	0.0159814	0.290888	-3.43775	0.000925457	0.12608	-7.93146	0.121868	0.495611	-2.01771	0.031793	0.34872	-2.86763	7.3777	20.4764	2.46706	1
cg24542360	0.279073	0.819903	-1.21966	0.05548	1.46664	1.46664	0.0007582	2.46139	2.46139	0.781621	0.95215	-1.05025	6.49904	3.20456	0.438295	1
cg00632188	0.0217635	0.509243	-1.9637	0.292984	0.765432	-1.30645	0.335352	0.783931	-1.27562	0.0313351	0.538558	-1.85681	3.81837	3.63097	0.845262	1
cg00551378	0.000355875	0.277218	-3.60726	0.52683	0.866314	-1.15432	0.218574	1.33591	1.33591	0.0198518	0.532945	-1.87637	14.5237	11.521	0.705116	1
cg18953509	0.013344	0.483154	-2.06973	0.000116185	0.201302	-4.96767	0.000324165	0.251684	-3.97323	0.0115581	0.472637	-2.11579	14.4832	12.9181	0.792833	1
cg20640261	0.0793813	0.648971	-1.5409	4.78E-05	0.182713	-5.47307	0.000688829	0.316469	-3.15987	0.0936173	0.66405	-1.50591	12.3081	9.60951	0.693997	1
cg23162518	0.223368	1.19456	1.19456	0.00354589	0.577422	-1.73183	0.750038	1.04542	1.04542	?	?	?	10.0779	2.73951	0.271834	1
cg03755226	0.47705	0.961807	-1.03971	0.00157816	0.783163	-1.27687	0.0132515	1.1798	1.1798	0.00251552	1.25357	1.25357	9.36391	0.430245	0.0408419	1
cg01043134	0.00829328	0.732152	-1.36584	0.000192194	0.559822	-1.78628	0.562835	1.05553	1.05553	0.0673329	0.827477	-1.20849	8.2231	1.1113	0.120128	1
cg14618071	0.875482	1.02826	1.02826	0.349212	1.18677	1.18677	0.125679	0.744928	-1.34241	0.0778302	0.705942	-1.41655	7.90898	3.95504	0.444506	1
cg24370974	0.713982	1.11389	1.11389	0.000192224	0.158803	-6.2971	0.810331	1.07299	1.07299	0.0697517	0.551987	-1.81164	7.69898	10.4681	1.2086	1
cg16143804	0.654459	1.11473	1.11473	0.0155628	2.04464	2.04464	0.00158489	2.98389	2.98389	0.23114	0.738735	-1.35367	6.30276	5.80187	0.818247	1
cg23634079	0.921857	1.04457	1.04457	0.0150805	0.26521	-3.7706	0.338054	0.644775	-1.55093	0.0487226	0.367758	-2.71918	5.96043	18.6405	2.77988	1
cg20213866	0.974739	0.988852	-1.01127	0.00238845	0.223395	-4.47637	0.238466	1.54831	1.54831	0.43143	1.32884	1.32884	5.37901	10.6798	1.76485	1
cg02737149	?	?	?	0.65575	1.2056	1.2056	?	?	?	0.469255	1.35911	1.35911	5.70142	10.4543	2.44483	1
cg14658948	0.6462	0.967398	-1.0337	0.00138685	0.717214	-1.39428	0.540183	0.956505	-1.04547	0.17539	1.10886	1.10886	5.24346	0.427049	0.0723949	1
cg08103317	0.428973	0.837114	-1.19458	0.672476	0.910619	-1.09815	0.33746	0.804329	-1.24327	0.459689	0.847248	-1.18029	5.21088	4.00148	0.682584	1
cg24527785	0.294579	1.3296	1.3296	?	?	?	0.0383508	0.533181	-1.87554	0.186701	1.44311	1.44311	4.05115	3.91669	0.96681	1
cg21044630	0.0470538	0.261459	-3.82469	0.0174621	0.181271	-5.51659	0.129875	0.380711	-2.62667	0.226624	0.472693	-2.11554	3.63948	20.0812	4.90452	1
cg11736352	0.878843	0.967625	-1.03346	0.0353369	1.69681	1.69681	0.67164	1.09636	1.09636	0.274194	0.782329	-1.27823	3.55098	2.61786	0.65531	1
cg23822086	0.219956	0.759168	-1.31723	0.000773569	0.337196	-2.96563	0.964173	1.00964	1.00964	0.926005	1.02004	1.02004	5.44468	3.93525	0.642462	1
cg09898070	0.0187456	0.59315	-1.68592	6.58E-05	0.261151	-3.82921	0.161915	1.31503	1.31503	0.353639	0.839455	-1.19125	8.64416	4.6035	0.473383	1
cg00620552	0.387163	0.890828	-1.12255	0.0249334	0.70608	-1.41627	0.586357	1.07428	1.07428	0.160203	1.21614	1.21614	6.68806	1.80164	0.23945	1
cg05039065	0.838834	1.01904	1.01904	0.0164625	0.762326	-1.31178	0.138737	1.15901	1.15901	0.0171267	0.764104	-1.30872	4.65565	0.632196	0.120703	1
cg12589972	0.850372	1.02771	1.02771	0.00259589	0.546653	-1.82931	6.98E-06	4.22008	4.22008	0.0683792	1.34352	1.34352	20.6076	6.83557	0.294846	1
cg26008908	0.534746	0.93158	-1.07345	0.000400648	0.530034	-1.88667	0.149793	0.840233	-1.19015	0.00630288	1.49344	1.49344	9.37925	1.88785	0.178915	1
cg08399917	0.0400296	1.3021	1.3021	0.000331345	0.524914	-1.90507	0.190212	1.16686	1.16686	0.697682	1.04438	1.04438	7.29073	1.42867	0.174185	1
cg13321745	0.180855	0.565609	-1.76801	0.00201311	0.174165	-5.74169	0.0121277	0.285321	-3.50483	0.239615	0.610244	-1.63869	6.42809	16.3777	2.26474	1
cg15721666	0.232311	1.13787	1.13787	0.0691545	1.23327	1.23327	0.326811	0.900884	-1.11002	0.475645	0.927936	-1.07766	5.73577	0.965781	0.14967	1
cg23791592	0.0461165	0.646783	-1.54611	0.00711805	0.515372	-1.94035	0.635916	0.91308	-1.09519	0.148159	0.743947	-1.34418	5.38303	3.09965	0.511838	1
cg26214972	0.60501	0.823307	-1.21461	0.291915	0.665315	-1.50305	0.00106104	6.0717	6.0717	0.11045	1.91208	1.91208	5.14642	11.3182	1.95489	1
cg00257296	0.633071	1.03833	1.03833	0.852911	1.01462	1.01462	0.413728	1.06752	1.06752	0.0020685	1.40383	1.40383	3.99605	0.387024	0.0860904	1
cg20569203	0.556403	1.17524	1.17524	0.0260244	0.4882	-2.04834	0.598293	0.865621	-1.15524	0.177184	1.47596	1.47596	3.91275	4.56544	1.03717	1
cg24158482	0.00361359	0.538393	-1.85738	0.000636096	0.438367	-2.28119	0.975699	0.995223	-1.0048	0.00735285	0.580965	-1.72127	12.0305	4.708	0.347856	1
cg12325286	0.352451	1.22198	1.22198	0.000539654	0.323851	-3.08784	0.00231295	2.43949	2.43949	0.00964949	0.50345	-1.9863	11.7492	8.16851	0.61799	1
cg00185004	0.00704369	2.3955	2.3955	0.000135427	5.24393	5.24393	0.00177839	3.05175	3.05175	0.80091	1.06542	1.06542	11.5477	11.5027	0.885421	1
cg00666047	0.0132497	1.39069	1.39069	6.90E-05	2.1847	2.1847	0.04231	1.28564	1.28564	0.450534	1.0861	1.0861	10.5968	1.93706	0.162485	1
cg03267466	0.0267623	2.21723	2.21723	0.000341121	5.75767	5.75767	0.0061823	2.95497	2.95497	0.181028	1.53866	1.53866	10.0802	14.6988	1.29617	1
cg26046953	0.0184923	3.75627	3.75627	0.0254455	3.42206	3.42206	0.267026	1.70857	1.70857	0.457719	1.4195	1.4195	5.41904	18.4165	3.02086	1
cg07618409	0.561871	1.21629	1.21629	0.602089	1.19199	1.19199	0.00355123	3.74003	3.74003	0.0585543	2.04099	2.04099	4.43999	7.83771	1.56912	1
cg11974710	2.08E-07	0.0815746	-12.2587	0.00983457	0.594788	-1.68127	0.189905	1.2474	1.2474	0.18195	1.25305	1.25305	36.8547	14.7976	0.356899	1
cg18052713	0.00488171	0.388	-2.57732	0.000159747	0.194539	-5.14036	0.0890068	1.60955	1.60955	0.00128409	0.303919	-3.29035	16.6953	17.026	0.906499	1
cg10723617	0.0115581	0.412221	-2.42588	4.56E-05	0.114964	-8.69841	0.504281	0.826829	-1.20944	0.000965718	0.251876	-3.9702	16.4538	20.521	1.10862	1
cg07249730	0.0220955	0.298527	-3.34978	0.000390096	0.0828764	-12.0662	0.293253	0.618632	-1.61647	0.00273675	0.161777	-6.18133	11.9043	36.5804	2.73144	1
cg13916877	0.211976	1.39302	1.39302	0.316053	1.29866	1.29866	0.00251631	2.87989	2.87989	0.00640834	0.408953	-2.44527	10.5157	10.5857	0.894805	1
cg23567690	0.563708	0.935522	-1.06892	0.521392	1.07704	1.07704	0.0847359	1.24322	1.24322	0.00550594	0.659229	-1.51692	7.80514	1.61187	0.183568	1
cg16323330	0.0123839	0.242779	-4.11897	0.00211935	0.140265	-7.12937	0.0215468	0.285049	-3.50817	0.0434214	0.347815	-2.87509	7.70468	25.2276	2.91051	1
cg05844827	0.678271	0.917005	-1.09051	0.526953	0.87534	-1.14241	0.00224729	2.4312	2.4312	0.382157	0.830145	-1.20461	7.02124	4.79709	0.607312	1
cg08562099	0.783016	1.0451	1.0451	0.00334712	0.528383	-1.89257	0.490348	0.894093	-1.11845	0.00236943	0.507995	-1.96852	6.96111	2.8145	0.359394	1
cg13790810	0.156338	0.722704	-1.38369	0.0343577	0.589417	-1.69659	0.178318	1.35837	1.35837	0.0117111	0.509399	-1.9631	6.67238	4.84724	0.645745	1
cg18783374	0.0114561	0.239567	-4.1742	0.00137216	0.122813	-8.14244	0.0137435	0.252618	-3.95854	0.0366796	0.334068	-2.9934	6.50184	21.0063	2.87184	1
cg05490591	0.0807911	0.487118	-2.05289	0.00806982	0.283553	-3.52667	0.552117	0.799766	-1.25037	0.05028	0.43652	-2.29085	6.13124	13.3979	1.94239	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05856931	MSI2;MSI2	0.0143142	0.0959503	0.764423	-1.30818	0.107831	1.29408	1.29408	0.710406	1.05633	1.05633	0.65613	1.06806	1.06806	0.980529	1.00359	1.00359
cg08629176	MSI2;MSI2	0.014502	0.55943	0.852777	-1.17264	0.167551	1.48723	1.48723	0.0203545	2.12649	2.12649	0.0746193	1.70891	1.70891	0.00304052	0.334348	-2.99089
cg03156170	MSI2;MSI2	0.0146653	0.0206781	3.89189	3.89189	0.000753732	12.0849	12.0849	0.0400905	3.18025	3.18025	0.36024	1.58208	1.58208	0.637859	0.79356	-1.26014
cg21376908	MSI2;MSI2	0.0157045	0.147485	0.743397	-1.34518	0.22655	0.78486	-1.27411	0.0557345	0.661291	-1.51219	0.170593	0.756985	-1.32103	0.000709817	0.373799	-2.67524
cg10249814	MSI2;MSI2	0.016505	0.00596344	0.0925144	-10.8091	0.056375	0.239177	-4.181	0.192647	0.401328	-2.49173	0.917741	0.933884	-1.0708	0.00352501	0.0728339	-13.7299
cg26408224	MSI2;MSI2	0.020821	0.672939	0.849663	-1.17694	0.00683248	3.83605	3.83605	0.200608	1.67987	1.67987	0.691306	1.1655	1.1655	0.0293489	0.373512	-2.67729
cg08322234	MSI2;MSI2	0.0209269	0.347373	0.634216	-1.57675	0.296456	1.66441	1.66441	0.00935387	0.212012	-4.71671	0.333648	1.59888	1.59888	0.0551359	0.359408	-2.78235
cg04176246	MSI2;MSI2	0.0226069	0.04209	0.271743	-3.67995	0.00261472	0.0983978	-10.1628	0.0803522	0.339895	-2.94209	0.171943	0.445332	-2.24552	0.0329814	0.249752	-4.00398
cg17178761	MSI2;MSI2	0.0233857	0.182723	0.48846	-2.04725	0.0017555	0.104431	-9.57569	0.00322098	0.130434	-7.66673	0.784907	0.87055	-1.1487	0.0843619	0.380042	-2.63129
cg14480531	MSI2;MSI2	0.0240725	0.0554164	0.428749	-2.33237	0.887198	0.946143	-1.05692	0.0312469	0.373135	-2.67999	0.785511	0.899063	-1.11227	0.0125768	0.298052	-3.35512
cg00460684	MSI2;MSI2	0.0275423	0.576878	0.917048	-1.09045	0.373399	0.86903	-1.15071	0.317136	1.17218	1.17218	0.712373	0.9447	-1.05854	0.0357395	0.687003	-1.4556
cg22700360	MSI2;MSI2	0.0288954	?	?	?	0.235721	0.700704	-1.42714	0.177275	0.663361	-1.50748	0.0516138	0.530422	-1.88529	?	?	?
cg25225655	MSI2;MSI2	0.0307467	0.124342	1.85563	1.85563	0.00804395	3.53039	3.53039	0.0175047	2.92815	2.92815	0.882284	1.05659	1.05659	0.0359332	0.403879	-2.47599
cg03679398	MSI2;MSI2	0.0308863	0.0599532	0.397924	-2.51304	0.0113497	0.252509	-3.96026	0.0224802	0.305155	-3.27702	0.696596	1.18547	1.18547	0.0132742	0.263847	-3.79007
cg04486382	MSI2;MSI2	0.033368	0.146826	0.421528	-2.37232	0.00307718	0.105609	-9.46886	0.0043269	0.120526	-8.29697	0.696794	0.804734	-1.24265	0.131032	0.404718	-2.47086
cg06247967	MSI2;MSI2	0.0374444	0.0410198	0.523072	-1.91178	0.101384	0.610826	-1.63713	0.151706	0.655667	-1.52516	0.0458043	1.87612	1.87612	0.678332	0.891705	-1.12145
cg03547245	MSI2;MSI2	0.0404401	0.359005	1.76319	1.76319	0.0117025	0.150459	-6.64634	0.0577002	3.63444	3.63444	0.0128271	0.155917	-6.41366	?	?	?
cg01183650	MSI2;MSI2	0.0416375	0.688233	1.09583	1.09583	0.0298762	1.78562	1.78562	0.266374	1.30049	1.30049	0.137143	0.695397	-1.43803	0.0424551	0.588523	-1.69917
cg05184882	MSI2;MSI2	0.0486009	0.642949	0.90567	-1.10415	0.00256514	0.411679	-2.42907	0.659765	1.09859	1.09859	0.306416	0.798728	-1.25199	0.0708816	1.53465	1.53465
cg09665160	MSL1	0.00100472	0.206556	0.818057	-1.22241	0.451254	0.890739	-1.12266	0.524927	1.10199	1.10199	0.00193087	1.93768	1.93768	0.00103705	0.480802	-2.07986
cg06833098	MSL1	0.00153386	0.631587	0.859375	-1.16364	0.00049029	0.180307	-5.5461	0.0369191	0.467553	-2.1388	0.0107755	0.366069	-2.73173	0.00828625	0.346829	-2.88326
cg02057783	MSL1	0.0430451	0.883467	0.979569	-1.02086	0.210085	1.20429	1.20429	0.0838445	1.30899	1.30899	0.635697	1.06947	1.06947	0.0621399	0.744117	-1.34388
cg12027761	MSL1	0.0474168	0.247801	0.886916	-1.1275	0.955216	1.00559	1.00559	0.993638	0.999208	-1.00079	0.62169	0.951799	-1.05064	0.337529	1.10318	1.10318
cg18633432	MSL2	0.0207097	0.970749	0.996356	-1.00366	0.090581	1.20402	1.20402	0.00591228	1.43125	1.43125	0.0330467	0.78022	-1.28169	0.787041	1.02733	1.02733
cg18260919	MSL2;MSL2	0.000871701	0.0623836	0.624893	-1.60027	0.000181224	0.24175	-4.13651	0.000387327	0.281204	-3.55614	0.546697	0.872215	-1.14651	0.837313	1.04716	1.04716
cg08031689	MSL2;MSL2	0.00658706	0.0468917	0.508382	-1.96703	0.269132	0.710173	-1.40811	0.887758	1.04289	1.04289	0.452128	0.796284	-1.25583	0.00135805	0.250797	-3.98729
cg14025029	MSL2;MSL2	0.0135151	0.178589	0.813384	-1.22943	0.729667	0.951097	-1.05142	0.11161	0.77845	-1.2846	0.0517058	0.726127	-1.37717	0.032985	0.697389	-1.43392
cg23257386	MSL2;MSL2	0.0190661	0.802219	1.16621	1.16621	?	?	?	?	?	?	0.237257	2.1352	2.1352	0.120679	0.356598	-2.80428
cg12229597	MSL2;MSL2	0.0196684	0.251588	1.55575	1.55575	0.122154	0.53893	-1.85553	0.419136	0.737421	-1.35608	0.000407749	0.125903	-7.94261	0.0920805	0.504493	-1.98219
cg09552166	MSL2;MSL2	0.0350185	0.0357324	0.44671	-2.23859	0.013025	2.76184	2.76184	0.0170419	2.60957	2.60957	0.174979	0.621458	-1.60912	0.449074	0.775408	-1.28964
cg26687499	MSL2;MSL2	0.041	0.0935855	0.710123	-1.40821	0.334005	1.20317	1.20317	0.6985	1.07493	1.07493	0.0807769	1.43255	1.43255	0.00537188	0.506382	-1.97479
cg18058742	MSL2;MSL2;MSL2	0.0043624	0.732741	1.09917	1.09917	0.0651858	0.559234	-1.78816	0.50819	0.830721	-1.20377	0.702187	1.11181	1.11181	7.85E-05	0.113237	-8.83102
cg17672846	MSL3;MSL3;MSL3	5.70E-05	0.00313187	0.492857	-2.02898	0.02242	0.61934	-1.61462	0.000445891	0.378915	-2.63911	0.00838954	0.554429	-1.80366	1.55E-05	0.209044	-4.78367
cg15695383	MSL3;MSL3;MSL3	0.00630233	0.211968	1.65088	1.65088	0.0103267	0.29171	-3.42806	0.535989	0.787448	-1.26992	0.752492	0.886367	-1.1282	0.00090153	0.150471	-6.6458
cg24393665	MSL3;MSL3;MSL3;MSL3	0.0102255	0.74162	0.87922	-1.13737	0.445698	0.739023	-1.35314	0.0246826	0.353228	-2.83103	0.169588	0.565965	-1.76689	0.00030166	0.101667	-9.83605
cg18121171	MSL3L2	0.000152278	4.29E-05	9.57012	9.57012	0.0002567	5.74657	5.74657	0.16656	0.651472	-1.53498	0.0364228	2.02696	2.02696	0.0021426	3.49998	3.49998
cg21013756	MSL3L2	0.00032029	4.40E-05	12.3296	12.3296	0.000632925	5.48894	5.48894	0.974555	1.0104	1.0104	0.0079648	3.01374	3.01374	0.908388	0.963357	-1.03804
cg03146452	MSL3L2	0.000465004	9.15E-05	37.5237	37.5237	0.00347054	7.82747	7.82747	0.0885764	0.377418	-2.64958	0.0684833	2.88008	2.88008	0.221844	0.513781	-1.94635
cg01078197	MSL3L2	0.000500261	4.15E-05	16.3761	16.3761	0.000910173	5.90652	5.90652	0.496245	0.780843	-1.28067	0.287027	1.48567	1.48567	0.0943733	1.93181	1.93181
cg19484299	MSL3L2	0.00553706	0.0123136	0.402536	-2.48425	0.027937	0.468487	-2.13453	0.177225	0.657913	-1.51996	0.00304377	0.305694	-3.27125	0.00472767	0.334335	-2.99102
cg17376921	MSL3L2	0.00890715	0.0132126	5.63735	5.63735	0.00620589	7.45606	7.45606	0.0897231	0.348815	-2.86685	0.0856553	2.91423	2.91423	0.0233698	4.59688	4.59688
cg05971010	MSLN;MSLN	3.34E-06	7.48E-06	0.231589	-4.318	8.61E-06	0.237986	-4.20193	2.40E-05	0.28653	-3.49004	0.282878	1.18007	1.18007	0.188449	0.813196	-1.22972
cg07524000	MSLN;MSLN	0.000357189	0.00277277	0.555365	-1.80062	0.0104408	1.58337	1.58337	0.0909766	0.766901	-1.30395	0.0816725	1.31659	1.31659	0.00360929	0.570307	-1.75344
cg02421962	MSLN;MSLN	0.000976347	0.234438	0.770627	-1.29764	0.688533	0.919216	-1.08788	0.00481396	0.457512	-2.18574	0.728869	1.07546	1.07546	8.94E-05	0.230898	-4.33091
cg07242333	MSLN;MSLN	0.00108948	0.00200464	0.345558	-2.89387	0.00453692	0.397962	-2.5128	0.266869	0.754364	-1.32562	0.101646	1.54756	1.54756	5.19E-05	0.158071	-6.32626
cg08380005	MSLN;MSLN	0.00226667	0.000855471	0.181774	-5.50135	0.165645	0.604529	-1.65418	0.00108909	0.193842	-5.15884	0.696169	1.14292	1.14292	0.000326408	0.138508	-7.21978
cg10296755	MSLN;MSLN	0.00274243	0.019225	0.506327	-1.97501	0.00349994	0.386029	-2.59048	0.000595253	0.279806	-3.57391	0.0931926	0.641626	-1.55854	0.0070245	0.432813	-2.31047
cg26771097	MSLN;MSLN	0.00299201	0.250659	1.19608	1.19608	0.0112182	0.622539	-1.60632	0.0954816	0.760944	-1.31416	0.032472	0.688376	-1.45269	0.129463	0.783206	-1.2768
cg08079266	MSLN;MSLN	0.00318563	0.203332	0.702256	-1.42398	0.0579911	0.568876	-1.75785	0.00332611	0.349188	-2.86378	0.370081	0.784828	-1.27417	0.000243912	0.202645	-4.93473
cg06100324	MSLN;MSLN	0.00648793	0.880281	0.979875	-1.02054	0.160576	1.22408	1.22408	0.000618096	0.491216	-2.03577	0.687409	1.05608	1.05608	0.201184	0.833524	-1.19973
cg03156396	MSLN;MSLN	0.0112927	0.00163803	0.228296	-4.38028	0.545429	1.22191	1.22191	0.190142	0.634792	-1.57532	0.0773204	0.525615	-1.90253	0.00112298	0.207861	-4.81091
cg04588708	MSLN;MSLN	0.0236649	0.155964	1.7729	1.7729	0.642626	1.19278	1.19278	0.275484	0.651826	-1.53415	0.394311	1.38977	1.38977	0.170006	0.576171	-1.7356
cg07970752	MSLN;MSLN	0.0250435	0.107673	0.330964	-3.02148	0.861609	0.895924	-1.11617	0.63584	1.35044	1.35044	0.504506	1.53199	1.53199	0.00369664	0.0845088	-11.8331
cg08042055	MSLN;MSLN	0.0254276	0.293101	1.34601	1.34601	0.440878	0.807243	-1.23878	0.139349	0.648283	-1.54254	0.704259	0.901317	-1.10949	0.0129439	0.431516	-2.31741
cg16569147	MSLN;MSLN	0.0279089	0.221745	0.812744	-1.2304	0.00864545	1.71677	1.71677	0.107094	0.752783	-1.3284	0.596072	0.917261	-1.0902	0.40743	0.872138	-1.14661
cg03561787	MSLN;MSLN	0.031718	0.355774	1.37551	1.37551	0.767303	0.905202	-1.10473	0.0301293	0.424889	-2.35355	0.271472	1.4685	1.4685	0.745626	0.8965	-1.11545
cg03220734	MSLNL	4.74E-05	7.21E-05	0.416624	-2.40025	0.024455	1.38364	1.38364	0.033773	0.740615	-1.35023	0.00224723	1.67886	1.67886	0.284652	0.874043	-1.14411
cg27029744	MSLNL	0.000396686	0.000275672	0.2622	-3.81389	0.179117	1.37822	1.37822	0.343644	0.803097	-1.24518	0.254006	0.765102	-1.30702	0.000304349	0.26738	-3.73999
cg08931647	MSLNL	0.000630819	0.0964213	0.684404	-1.46113	0.000353374	0.303554	-3.29431	0.0250617	0.574809	-1.73971	0.0246182	1.74376	1.74376	0.00474487	0.458797	-2.17961
cg08581018	MSLNL	0.000940492	0.0192303	0.585476	-1.70801	0.000173628	0.299753	-3.33608	0.0399262	0.638345	-1.56655	0.244135	1.25901	1.25901	0.0316155	0.621055	-1.61016
cg06876892	MSLNL	0.00185294	0.0104021	0.377947	-2.64587	0.00241585	0.27968	-3.57551	0.0453137	0.500346	-1.99862	0.173924	0.646465	-1.54687	0.00326031	0.298304	-3.35228
cg02485642	MSLNL	0.00276845	0.0553531	0.517898	-1.93088	0.000413966	0.183137	-5.46039	0.0397448	0.486606	-2.05505	0.203357	1.50196	1.50196	0.00266251	0.284006	-3.52106
cg02266878	MSLNL	0.00372418	0.0686534	0.72383	-1.38154	0.700975	0.940644	-1.0631	0.000311424	0.395553	-2.52811	0.121332	1.30523	1.30523	0.00456922	0.549426	-1.82008
cg05395523	MSLNL	0.00391159	0.0376792	0.477909	-2.09245	0.000484934	0.187255	-5.3403	0.0541936	0.512121	-1.95267	0.440601	0.785953	-1.27234	0.0102238	0.370988	-2.69551
cg12950066	MSLNL	0.00646639	0.0262703	0.643496	-1.55401	0.23066	0.810331	-1.23406	0.0365237	0.666012	-1.50147	0.151901	1.29271	1.29271	0.954709	0.990546	-1.00954
cg05058809	MSLNL	0.00774588	0.0437245	0.257387	-3.88521	0.0820904	0.323775	-3.08856	0.58466	0.723884	-1.38144	0.37997	0.59024	-1.69423	0.00828802	0.13862	-7.21399
cg16804923	MSLNL	0.0103544	0.0813954	0.69679	-1.43515	0.301843	1.22147	1.22147	0.0358826	1.57864	1.57864	0.757276	0.943669	-1.05969	0.000391725	0.347585	-2.87699
cg11470442	MSLNL	0.0226155	0.0269303	0.591617	-1.69028	0.132234	0.72221	-1.38464	0.523012	0.878383	-1.13846	0.230612	1.2865	1.2865	0.0452586	0.631206	-1.58427
cg03729553	MSLNL	0.0351516	0.0385636	0.284218	-3.51843	0.0380292	0.282926	-3.53449	0.0186941	0.223981	-4.46466	0.686494	0.808149	-1.2374	0.0077415	0.166013	-6.02363
cg12083644	MSMB;MSMB	0.000114577	0.497884	0.870637	-1.14858	0.032843	0.604995	-1.65291	1.21E-05	0.155512	-6.43037	0.461801	0.860013	-1.16277	0.018164	0.561343	-1.78144
cg23975355	MSMB;MSMB	0.000337613	0.248716	0.832498	-1.2012	0.328747	1.16563	1.16563	4.59E-05	0.310167	-3.22407	0.747492	1.05034	1.05034	0.26312	1.19409	1.19409
cg17030820	MSMB;MSMB	0.00129104	0.714714	1.10953	1.10953	0.000811264	0.239327	-4.17839	0.0217068	0.458339	-2.18179	3.71E-05	0.105884	-9.44429	0.166552	0.65864	-1.51828
cg00807366	MSMB;MSMB	0.0403807	0.0143332	0.142134	-7.0356	0.443857	0.603854	-1.65603	0.116801	0.332533	-3.00722	0.104374	0.317546	-3.14915	0.0196476	0.161819	-6.17974
cg21033494	MSMB;MSMB	0.040471	0.25387	0.389291	-2.56877	0.491034	0.574736	-1.73993	0.0406179	0.153837	-6.50037	0.102165	0.242598	-4.12204	0.027139	0.126079	-7.93155
cg27607126	MSMB;MSMB	0.0443683	0.889096	0.92541	-1.0806	0.492386	0.678834	-1.47311	0.0384342	0.263803	-3.7907	0.658859	1.27998	1.27998	0.0143487	0.186914	-5.35005
cg10326726	MSMB;MSMB	0.0452343	0.173451	0.508236	-1.96759	0.0426905	0.336114	-2.97518	0.00265624	0.143355	-6.97567	0.441292	0.692858	-1.4433	0.0509666	0.353848	-2.82607
cg03242028	MSMP	0.00131518	0.0101894	0.410398	-2.43666	0.0500035	0.540971	-1.84853	0.00226958	0.309184	-3.23432	0.879598	0.959188	-1.04255	7.88E-05	0.14056	-7.11438
cg01499988	MSMP	0.011225	0.766556	0.906957	-1.10259	0.0538745	2.05023	2.05023	0.6787	1.14642	1.14642	0.462996	1.27769	1.27769	0.000344854	0.151174	-6.61491
cg14264571	MSMP	0.0457778	0.118032	1.53359	1.53359	0.334792	1.28481	1.28481	0.02188	0.500067	-1.99973	0.632071	1.12923	1.12923	0.0085705	0.42962	-2.32764
cg00997875	MSN	0.012548	0.0782255	0.880728	-1.13542	0.0275583	0.844377	-1.18431	0.00306576	0.768587	-1.30109	0.35011	0.939476	-1.06442	0.000519059	0.703692	-1.42108
cg22771999	MSN	0.0163462	0.00544451	0.0980427	-10.1996	0.00366685	0.0824853	-12.1234	0.269133	0.481469	-2.07698	0.450592	0.613722	-1.6294	0.0975955	0.315239	-3.17219
cg09778422	MSN	0.0229903	0.00498576	0.356569	-2.8045	0.609648	1.15359	1.15359	0.00981103	0.404207	-2.47398	0.893967	0.963675	-1.03769	0.0229837	0.470186	-2.12682
cg06943437	MSN	0.0345321	0.0729474	0.569391	-1.75626	0.00104412	0.255031	-3.92109	0.950838	0.982789	-1.01751	0.46737	0.812022	-1.23149	0.100748	0.602802	-1.65892
cg16986238	MSN	0.035232	0.24973	0.822958	-1.21513	0.151927	0.779864	-1.28227	0.469	0.88751	-1.12675	0.0603898	0.709607	-1.40923	0.00706661	0.568986	-1.75751
cg16536964	MSR1;MSR1;MSR1	4.03E-07	0.000501595	0.432833	-2.31036	2.31E-06	0.169949	-5.88411	2.30E-06	0.169709	-5.89245	4.63E-05	0.306163	-3.26624	1.40E-05	0.247943	-4.03319
cg16303562	MSR1;MSR1;MSR1	0.011067	0.214836	0.733513	-1.3633	0.279586	0.765829	-1.30577	0.0126089	0.478938	-2.08795	0.00308291	0.382355	-2.61537	0.130969	0.679054	-1.47264
cg07347534	MSR1;MSR1;MSR1	0.0218238	0.344976	0.725545	-1.37827	0.00762194	0.322499	-3.10079	0.00931127	0.336857	-2.96862	0.0156425	0.376268	-2.65768	0.716972	0.88685	-1.12759
cg21431387	MSR1;MSR1;MSR1	0.0448014	0.59881	0.866446	-1.15414	0.571317	1.16705	1.16705	0.0104522	0.418795	-2.3878	0.662529	1.12589	1.12589	0.0885494	0.602094	-1.66087
cg06623274	MSR1;MSR1;MSR1;MSR1;MSR1;MSR1	0.0491048	0.101125	0.569644	-1.75548	0.948423	0.979927	-1.02048	0.0443468	0.484835	-2.06256	0.0353784	0.463954	-2.15538	0.0270112	0.440101	-2.27221
cg07998290	MSRA;MSRA	0.000101301	?	?	?	1.78E-05	0.0641972	-15.577	0.000507258	0.3092	-3.23416	?	?	?	0.044761	1.39077	1.39077
cg01535726	MSRA;MSRA	0.0031199	0.0068314	0.313069	-3.19418	0.0543009	0.484898	-2.06229	0.113629	0.565208	-1.76926	0.0117874	0.352579	-2.83625	0.00115183	0.205312	-4.87065
cg04815626	MSRA;MSRA	0.0096133	0.089988	1.26499	1.26499	0.252347	1.1623	1.1623	0.0174962	1.43876	1.43876	0.0356972	1.35998	1.35998	0.724504	1.04552	1.04552
cg17964305	MSRA;MSRA	0.011345	0.691351	0.86981	-1.14968	0.588823	0.826341	-1.21015	0.0026289	0.233292	-4.28647	0.908918	0.960788	-1.04081	0.0159352	0.356418	-2.80569
cg18452600	MSRA;MSRA	0.0371251	0.316529	0.830699	-1.20381	0.0667079	0.691933	-1.44523	0.282344	1.22154	1.22154	0.892241	1.02458	1.02458	0.00380739	0.49706	-2.01183
cg12848467	MSRA;MSRA	0.0494915	0.0459722	1.3864	1.3864	0.289107	1.17021	1.17021	0.675268	1.06203	1.06203	0.958959	1.00738	1.00738	0.0119138	1.56564	1.56564
cg09883798	MSRA;MSRA;MSRA	0.00015195	0.00299966	0.521235	-1.91852	0.744662	0.949029	-1.05371	0.0253217	0.653349	-1.53058	0.152121	1.27838	1.27838	2.90E-05	0.268795	-3.7203
cg09538573	MSRA;MSRA;MSRA	0.00446266	0.000198199	0.141611	-7.06161	0.157717	0.623576	-1.60365	0.591632	0.844245	-1.18449	0.631215	1.16324	1.16324	0.00378346	0.294801	-3.39212
cg22643879	MSRA;MSRA;MSRA	0.00498133	0.0370595	0.665733	-1.5021	0.263191	1.21655	1.21655	0.140214	0.765923	-1.30561	0.173029	1.27591	1.27591	0.00023754	0.359483	-2.78177
cg01511457	MSRA;MSRA;MSRA	0.0142065	0.00719119	0.312731	-3.19763	0.0631694	0.496516	-2.01403	0.0328567	0.433334	-2.30769	0.250587	0.668838	-1.49513	0.00854585	0.324944	-3.07745
cg21490047	MSRA;MSRA;MSRA	0.0269125	0.624702	0.77256	-1.2944	0.00992519	5.49967	5.49967	0.0863097	2.69603	2.69603	0.502324	1.42809	1.42809	0.123989	0.418171	-2.39137
cg01048752	MSRA;MSRA;MSRA	0.0339937	0.0546404	0.331118	-3.02007	0.694123	1.22189	1.22189	0.814068	1.12688	1.12688	0.697718	0.820457	-1.21883	0.0121387	0.20493	-4.8797
cg13405608	MSRA;MSRA;MSRA	0.0358942	0.346048	1.18741	1.18741	0.501936	1.12821	1.12821	0.0108371	1.76192	1.76192	0.247813	0.807451	-1.23847	0.0481789	0.670512	-1.4914
cg09974041	MSRA;MSRA;MSRA	0.0415946	0.363349	1.23665	1.23665	0.107402	1.49112	1.49112	0.525918	1.15734	1.15734	0.00226422	0.378601	-2.6413	0.132541	0.691398	-1.44634
cg07834396	MSRB2	0.000709896	0.00862799	0.300347	-3.32948	0.000395925	0.131847	-7.58454	0.63214	0.840945	-1.18914	0.4301	1.33545	1.33545	0.000553157	0.145813	-6.85809
cg07355157	MSRB2	0.000737493	0.00792603	0.357178	-2.79973	0.000582587	0.200286	-4.99287	0.00607162	0.338466	-2.9545	0.439456	1.26923	1.26923	0.00115141	0.235895	-4.23917
cg15792145	MSRB2	0.00524046	0.053722	0.780646	-1.28099	0.0281294	0.745917	-1.34063	0.0103549	1.44064	1.44064	0.0375872	0.761311	-1.31352	0.043725	0.769444	-1.29964
cg16091741	MSRB2	0.00858532	0.076923	0.626532	-1.59609	0.0311443	0.548132	-1.82438	0.00119739	0.323571	-3.09051	0.479014	0.842769	-1.18656	0.190389	0.7192	-1.39043
cg12518898	MSRB2	0.0231493	0.0012226	0.16501	-6.06024	0.851254	0.935075	-1.06943	0.59462	1.21204	1.21204	0.207238	0.619139	-1.61515	0.181789	0.599631	-1.66769
cg06100684	MSRB2	0.0437683	0.957827	0.975331	-1.02529	0.155644	0.487916	-2.04953	0.198461	0.526276	-1.90014	0.0820729	2.48427	2.48427	0.167705	0.499285	-2.00287
cg18562689	MSRB3;MSRB3	0.000727915	0.547107	0.86098	-1.16147	0.312556	0.773658	-1.29256	0.731947	0.919001	-1.08814	0.562701	0.866087	-1.15462	0.199549	1.39509	1.39509
cg06700060	MSRB3;MSRB3	0.00472143	0.00221248	0.372382	-2.68542	0.0295148	1.80463	1.80463	0.137478	0.691808	-1.44549	0.0269651	0.546968	-1.82826	0.00585514	0.435643	-2.29546
cg09796786	MSRB3;MSRB3	0.00523893	0.295615	0.710515	-1.40743	0.000599454	0.188529	-5.30422	0.000588493	0.187633	-5.32954	0.0840649	0.54753	-1.82638	0.0860631	0.550076	-1.81793
cg01199603	MSRB3;MSRB3	0.0101054	0.0256325	0.304992	-3.27877	0.000830139	0.10497	-9.52657	0.0133925	0.253633	-3.9427	0.377235	0.666429	-1.50054	0.013999	0.256886	-3.89277
cg15175129	MSRB3;MSRB3	0.0123946	0.375409	0.746506	-1.33957	0.00441838	3.39056	3.39056	0.023462	2.38655	2.38655	0.153901	1.63327	1.63327	0.0293412	0.438309	-2.2815
cg23378033	MSRB3;MSRB3	0.0151297	0.0467299	0.441256	-2.26626	0.0705046	2.06735	2.06735	0.676465	1.16274	1.16274	0.214246	1.59968	1.59968	0.00201639	0.209046	-4.78365
cg05754508	MSRB3;MSRB3;MSRB3;MSRB3	0.017929	0.0980948	0.823379	-1.21451	0.929265	1.00955	1.00955	0.166827	1.17101	1.17101	0.560262	1.06511	1.06511	0.315797	0.894862	-1.11749
cg06387141	MST1	0.0364915	0.847314	0.946695	-1.05631	0.119415	1.61639	1.61639	0.137756	1.57488	1.57488	0.566805	1.17883	1.17883	0.387198	1.28643	1.28643
cg17781925	MST1;MST1;RNF123	0.0162557	0.00846128	0.402026	-2.4874	0.297573	0.746244	-1.34004	0.0844322	0.596082	-1.67762	0.527868	0.840833	-1.1893	0.00236504	0.316842	-3.15615
cg23623364	MST1;RNF123	6.33E-05	0.20767	0.799722	-1.25043	0.000138472	3.02808	3.02808	0.0795217	0.720803	-1.38734	0.128998	1.31779	1.31779	0.130131	0.759563	-1.31655
cg25156695	MST1;RNF123	0.00446596	0.000391125	0.550336	-1.81707	0.0241857	1.32845	1.32845	0.503292	0.930737	-1.07442	0.417882	1.09142	1.09142	0.259129	1.13248	1.13248
cg22290284	MST1;RNF123	0.00562104	0.00190902	0.218337	-4.58008	0.0320453	0.419236	-2.38529	0.0716861	0.49855	-2.00582	0.295371	0.686884	-1.45585	0.00307321	0.245914	-4.06646
cg24758019	MST1;RNF123	0.0074891	0.0738485	0.847338	-1.18017	0.0352033	1.22624	1.22624	0.00163612	1.45504	1.45504	0.0593966	0.837839	-1.19355	0.188208	1.12291	1.12291
cg14873885	MST1;RNF123	0.0201226	0.396495	0.777487	-1.2862	0.00339203	3.17286	3.17286	0.383902	0.771974	-1.29538	0.385326	0.772602	-1.29433	0.29413	0.729479	-1.37084
cg08469640	MST1;RNF123;RNF123	0.0295234	0.406275	1.81058	1.81058	0.87773	1.11357	1.11357	0.854787	1.13656	1.13656	0.000577283	0.0242021	-41.3187	0.870353	0.89214	-1.1209
cg17455847	MST1P2	0.00132195	0.0446461	1.61006	1.61006	0.0707741	1.51757	1.51757	0.466253	1.16553	1.16553	0.295072	1.25149	1.25149	0.0159305	1.84008	1.84008
cg12593714	MST1P2	0.00174817	0.806231	0.949392	-1.05331	0.11488	0.696072	-1.43663	0.358584	1.22078	1.22078	0.475444	1.16574	1.16574	4.85E-05	0.19896	-5.02614
cg04206025	MST1P2	0.00677619	0.640515	1.18085	1.18085	0.0935086	1.91935	1.91935	0.0474221	0.44861	-2.22911	0.454489	0.763927	-1.30903	0.00078189	0.166026	-6.02316
cg01828661	MST1P2	0.00876182	0.593552	0.846493	-1.18134	0.00347728	3.41062	3.41062	0.198232	0.656607	-1.52298	0.901624	0.962466	-1.039	0.648461	1.15257	1.15257
cg13171718	MST1P2	0.00970176	0.0476602	2.57124	2.57124	0.217187	1.71841	1.71841	0.375751	1.4609	1.4609	0.778756	1.12462	1.12462	0.0156261	3.44171	3.44171
cg14237550	MST1P2	0.0112553	0.0472083	2.64897	2.64897	0.0203175	3.32051	3.32051	0.123328	2.04649	2.04649	0.340182	1.52457	1.52457	0.0404776	2.7598	2.7598
cg01055135	MST1P2	0.0294759	0.479561	1.17276	1.17276	0.187383	1.36316	1.36316	0.0234429	1.82259	1.82259	0.366896	1.22817	1.22817	0.0971352	1.49733	1.49733
cg27545300	MST1P2	0.0297019	0.0396494	0.806928	-1.23927	0.00458115	1.40543	1.40543	0.385329	0.922884	-1.08356	0.885461	1.01308	1.01308	0.165649	0.875186	-1.14261
cg24102570	MST1P2	0.0394725	0.00371767	0.346248	-2.88811	0.4158	0.798452	-1.25242	0.394763	1.26602	1.26602	0.300464	0.74799	-1.33692	0.990749	1.00314	1.00314
cg04365481	MST1P9	0.00538386	0.0239718	3.89243	3.89243	0.0518533	3.05394	3.05394	0.236515	1.86989	1.86989	0.136631	2.24605	2.24605	0.00589741	6.15888	6.15888
cg06346138	MST1P9	0.019983	0.0440814	4.90247	4.90247	0.0903816	3.60515	3.60515	0.172842	2.70992	2.70992	0.0717098	3.98236	3.98236	0.025326	6.21612	6.21612
cg10966582	MST1P9	0.037147	0.0395084	10.2028	10.2028	0.0411756	9.95042	9.95042	0.241246	3.30855	3.30855	0.139803	4.70975	4.70975	0.0238902	13.8596	13.8596
cg04362112	MST1R	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17140381	MST1R	0.0466989	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24980367	MST1R	0.00405486	0.180089	2.14162	2.14162	0.00277651	9.08618	9.08618	0.0625357	3.60891	3.60891	0.00984434	5.72747	5.72747	0.257181	1.88266	1.88266
cg01181817	MST1R	0.00593183	[illegible]	15.2214	15.2214	[illegible]	46.9885	46.9885	0.0544346	3.36958	3.36958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07889279	MST1R	0.00789279	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00097619	MST1R	0.00939545	0.0111051	0.654946	-1.52684	0.00169666	0.551021	-1.81481	0.0531479	0.746736	-1.33916	0.0813121	0.773491	-1.29284	0.0241839	0.699474	-1.42965

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05856931	0.63673	0.932492	-1.0724	0.00621164	0.592052	-1.68904	0.00164018	1.93958	1.93958	0.831019	0.969091	-1.0319	5.26133	1.79873	0.30389	1
cg08629176	0.0989474	0.613791	-1.62922	0.130344	1.554	1.554	0.24049	1.39316	1.39316	0.209767	0.700017	-1.42854	5.23878	6.04027	1.02488	1
cg03156170	0.0601294	2.81277	2.81277	0.682713	1.22194	1.22194	0.0103833	4.82657	4.82657	0.434381	1.47552	1.47552	5.21946	19.6624	3.34857	1
cg21376908	0.687574	1.08018	1.08018	0.177855	0.760959	-1.31413	0.288556	1.23393	1.23393	0.0117086	0.548312	-1.82378	5.10251	2.94161	0.512447	1
cg10249814	0.378448	0.549731	-1.81907	0.0099851	0.11602	-8.6192	0.404455	1.75914	1.75914	0.0232151	0.16586	-6.02919	5.01877	34.8477	6.17198	1
cg26408224	0.892072	1.05347	1.05347	0.572621	0.803514	-1.24453	0.0035172	4.56626	4.56626	0.407069	1.38462	1.38462	4.64057	10.8215	2.07283	1
cg08322234	0.0123343	4.33376	4.33376	0.147468	0.481197	-2.07815	0.0945754	2.37445	2.37445	0.319921	1.62207	1.62207	4.63254	16.2502	3.11808	1
cg04176246	0.0564132	0.300679	-3.32581	0.00766532	0.148587	-6.73008	0.0181085	0.202548	-4.93711	0.10019	0.367141	-2.72375	4.51156	22.114	4.35701	1
cg17178761	0.0835595	0.37889	-2.63929	0.986462	0.991439	-1.00863	0.325741	0.597994	-1.67226	0.993109	1.00439	1.00439	4.4592	18.1342	3.61484	1
cg14480531	0.698212	1.16413	1.16413	0.00302647	0.204931	-4.87969	0.327425	1.48338	1.48338	0.0611325	0.439074	-2.27752	4.41478	10.6379	2.14187	1
cg00460684	0.933107	1.01298	1.01298	0.00163856	0.500165	-1.99934	0.0825467	0.744228	-1.34367	0.106896	1.3105	1.3105	4.21214	1.57447	0.33226	1
cg22700360	?	?	?	0.00506742	0.346249	-2.88809	0.148587	1.5581	1.5581	0.505847	1.21315	1.21315	4.41315	3.81736	1.15333	1
cg25225655	0.265834	1.53845	1.53845	0.0390146	2.42936	2.42936	0.335659	1.44607	1.44607	0.950685	1.02324	1.02324	4.05126	8.85646	1.9432	1
cg03679398	0.0329704	0.33863	-2.95307	0.016445	0.280031	-3.57104	0.83475	0.91329	-1.09494	0.278858	0.613318	-1.63048	4.04472	12.077	2.65409	1
cg04486382	0.0518494	0.293028	-3.41265	0.0934631	0.359313	-2.78309	0.145938	0.42061	-2.3775	0.531047	0.703256	-1.42196	3.93433	19.1791	4.33316	1
cg06247967	0.369399	1.28833	1.28833	0.845558	1.05506	1.05506	0.00946254	2.46873	2.46873	0.503684	0.82986	-1.20502	3.77339	4.51373	1.06329	1
cg03547245	0.776886	1.1863	1.1863	0.82575	0.875832	-1.14177	0.626725	1.34273	1.34273	0.484315	0.652227	-1.53321	3.72578	18.9646	5.09011	1
cg01183650	0.282086	0.775995	-1.28867	0.217872	0.745208	-1.34191	0.0129711	0.496792	-2.01292	0.554647	1.14521	1.14521	3.62896	2.95851	0.724667	1
cg05184882	0.687106	1.08974	1.08974	0.947523	1.01407	1.01407	0.119037	1.43199	1.43199	0.999678	1.00009	1.00009	3.42481	2.44322	0.634123	1
cg09665160	0.000234225	0.398663	-2.50838	0.4358	1.12733	1.12733	0.0281257	1.4783	1.4783	0.665889	1.06768	1.06768	11.7508	4.22906	0.319906	1
cg06833098	0.143873	0.611044	-1.63654	9.10E-05	0.111448	-8.97277	0.78853	0.919125	-1.08799	0.00915877	0.354074	-2.82427	10.4124	16.2283	1.38538	1
cg02057783	0.00483016	0.590893	-1.69235	0.099077	0.775315	-1.2898	0.537307	1.09189	1.09189	0.733773	1.04922	1.04922	3.58445	1.12449	0.278855	1
cg12027761	0.215794	1.13813	1.13813	0.00119005	0.623795	-1.60309	0.816311	1.02338	1.02338	0.840418	1.02023	1.02023	3.45689	0.540071	0.138872	1
cg18633432	0.804225	1.02504	1.02504	0.0073415	0.708856	-1.41072	0.572131	0.944744	-1.05849	0.578153	1.05753	1.05753	4.64905	0.730015	0.139577	1
cg18260919	0.930669	1.0197	1.0197	0.00496692	2.3017	2.3017	0.0884552	1.52394	1.52394	0.0390845	0.585506	-1.70792	12.2326	9.73397	0.707326	1
cg08031689	0.00152766	0.257506	-3.8834	0.0015378	0.257886	-3.87768	0.858611	0.948353	-1.05446	0.279007	0.715539	-1.39755	6.74147	9.44242	1.24502	1
cg14025029	0.000264428	0.420595	-2.37759	0.0490046	0.722639	-1.38382	0.551167	0.916537	-1.09106	0.142949	0.796479	-1.25553	5.36155	1.77386	0.294087	1
cg23257386	0.333213	1.84322	1.84322	0.00505804	0.103218	-9.68825	0.00653728	0.11479	-8.71159	0.722703	1.24394	1.24394	4.9788	23.0192	5.28394	1
cg12229597	0.592741	0.819377	-1.22044	0.580337	1.22882	1.22882	0.970593	0.98649	-1.01369	0.474668	0.764709	-1.30769	4.73134	10.2019	1.91665	1
cg09552166	0.343744	0.724979	-1.37935	0.358342	0.732376	-1.36542	0.519515	0.806296	-1.24024	0.460982	1.28081	1.28081	3.86639	6.6584	1.53078	1
cg26687499	0.242717	1.25475	1.25475	?	?	?	0.531697	0.889056	-1.12479	0.249	1.25065	1.25065	3.70671	1.79808	0.485089	1
cg18058742	0.246275	0.714206	-1.40016	0.176975	1.4909	1.4909	0.260887	0.722268	-1.38453	0.100116	0.604233	-1.65499	8.91039	10.4998	0.916515	1
cg17672846	0.00475709	0.518614	-1.92822	2.68E-06	0.138255	-7.23303	0.0744516	0.706027	-1.41638	0.000800327	0.412067	-2.42679	25.7185	12.4962	0.431898	1
cg15695383	0.015524	3.10107	3.10107	0.171465	1.74214	1.74214	0.216464	1.64198	1.64198	0.120075	0.525735	-1.9021	6.83449	15.7359	2.0466	1
cg24393665	0.595273	0.811737	-1.23193	0.84426	1.07952	1.07952	0.922415	0.962811	-1.03863	0.00662479	0.25382	-3.9398	5.86857	14.0675	2.13074	1
cg18121171	0.000436908	5.02622	5.02622	0.00249109	0.294924	-3.39071	0.136858	1.59292	1.59292	0.00699982	2.75452	2.75452	19.7764	26.4375	1.18829	1
cg21013756	0.0144763	2.65674	2.65674	0.0203719	0.403877	-2.476	0.0971534	0.554104	-1.80471	0.000841131	5.09715	5.09715	16.1579	26.9133	1.48057	1
cg03146452	0.124394	2.37007	2.37007	0.0283084	0.261103	-3.82991	0.0106292	0.188975	-5.2917	0.00106512	12.2909	12.2909	14.5808	62.1217	3.78712	1
cg01078197	0.0414768	2.32076	2.32076	0.0140258	0.337514	-2.96284	0.19828	0.614555	-1.62719	0.00236548	4.56455	4.56455	14.2885	29.0165	1.80513	1
cg19484299	0.959324	1.015	1.015	0.019636	2.27722	2.27722	0.396116	1.28878	1.28878	0.0256413	0.461202	-2.16825	7.11287	9.60093	1.19982	1
cg17376921	0.174074	2.25722	2.25722	0.0224678	0.214527	-4.66141	0.432599	1.56973	1.56973	0.0235667	4.58326	4.58326	6.13251	30.7892	4.4628	1
cg05971010	0.00167902	0.513502	-1.94741	1.83E-07	0.0931544	-10.7349	0.0118909	0.627579	-1.59343	6.58E-05	0.337351	-2.96427	53.8569	18.7821	0.309992	1
cg07524000	0.0312191	1.43381	1.43381	4.02E-05	0.326903	-3.05901	0.217599	1.20309	1.20309	0.027315	0.689194	-1.45097	15.6814	5.04618	0.286039	1
cg02421962	0.000971998	0.358406	-2.79013	0.00087684	0.352394	-2.83773	0.0393888	0.607619	-1.64577	0.00438289	0.451391	-2.21537	11.8466	8.19939	0.615225	1
cg07242333	0.00504171	0.40503	-2.46895	0.0395588	0.559849	-1.7862	0.663733	0.898888	-1.11249	0.15932	0.693156	-1.44268	11.4836	10.7997	0.835947	1
cg08380005	0.00765306	0.311311	-3.21223	0.624982	0.845614	-1.18257	0.146479	0.588276	-1.69988	0.0456051	0.458286	-2.18204	9.29568	17.059	1.63125	1
cg10296755	0.373186	0.802787	-1.24566	0.0030048	0.376182	-2.65829	0.0582002	1.67261	1.67261	0.881264	1.03657	1.03657	8.7888	8.0367	0.812822	1
cg26771097	0.00311288	1.82795	1.82795	0.0417228	1.41929	1.41929	0.0064019	1.69747	1.69747	0.0183377	1.53258	1.53258	8.56493	3.01825	0.313241	1
cg08079266	0.0132171	0.445536	-2.24449	0.000941432	0.27291	-3.66421	0.113507	0.635521	-1.57351	0.0217947	0.484468	-2.06412	8.40672	9.22543	0.975456	1
cg06100324	0.28977	1.15977	1.15977	0.0045546	1.66479	1.66479	0.0745422	1.30733	1.30733	0.492814	1.09851	1.09851	6.77328	1.952	0.25617	1
cg03156396	0.541421	0.816712	-1.22442	0.332088	1.38781	1.38781	0.591437	0.837391	-1.19419	0.125181	0.580659	-1.72218	5.68416	9.65695	1.51015	1
cg04588708	0.0635085	2.19702	2.19702	0.0183162	2.94484	2.94484	0.0293696	2.63273	2.63273	0.00356552	4.43472	4.43472	4.44095	10.0094	2.00346	1
cg07970752	0.0818262	0.296838	-3.36884	0.00317013	0.0789579	-12.665	0.130235	0.357225	-2.79936	0.258295	0.475724	-2.10206	4.3546	27.3592	5.58473	1
cg08042055	0.589514	1.15998	1.15998	0.572551	0.856113	-1.16807	0.0100205	2.42462	2.42462	0.020112	2.14661	2.14661	4.33158	5.09216	1.04497	1
cg16569147	0.31337	1.18334	1.18334	0.472205	1.1253	1.1253	0.403734	0.871152	-1.14791	0.0054053	0.553703	-1.80602	4.19259	1.73064	0.36692	1
cg03561787	0.219714	1.54212	1.54212	0.0101875	2.96685	2.96685	0.0344146	2.28896	2.28896	0.0223669	2.50576	2.50576	4.00654	7.14859	1.58598	1
cg03220734	0.0559611	0.769309	-1.29987	4.83E-06	0.282071	-3.54521	0.000442824	0.510771	-1.95782	0.00765478	0.660178	-1.51474	27.0059	6.27574	0.206564	1
cg27029744	0.00357379	0.411837	-2.42815	4.20E-05	0.173384	-5.76754	0.182858	0.727807	-1.37399	0.0140259	0.505704	-1.97744	15.2351	12.1913	0.711296	1
cg08931647	0.0868682	0.675142	-1.48117	7.79E-05	0.226442	-4.41614	0.0139237	0.531995	-1.87972	0.308723	1.24466	1.24466	13.3953	9.15631	0.607597	1
cg08581018	0.187312	0.767853	-1.30233	6.38E-05	0.2491	-4.01445	0.0465022	0.649874	-1.53876	0.848698	0.964543	-1.03676	11.9728	6.77474	0.502973	1
cg06876892	0.0179072	0.419906	-2.38149	6.60E-05	0.110002	-9.09071	0.0160401	0.411129	-2.43233	0.0892184	0.568253	-1.75978	9.8585	14.1998	1.28032	1
cg02485642	0.225538	0.680052	-1.47048	0.00123898	0.23927	-4.17937	0.0133333	0.39504	-2.53139	0.823273	0.934479	-1.07011	8.7643	12.7395	1.29206	1
cg02266878	0.914057	1.01727	1.01727	0.0275464	1.5118	1.5118	0.304599	1.18365	1.18365	0.930958	0.986352	-1.01384	8.0231	3.1958	0.354067	1
cg05395523	0.0325838	0.464852	-2.15122	0.00079901	0.212123	-4.71424	0.00447568	0.313206	-3.19278	0.0597167	0.521666	-1.91694	7.90554	11.7438	1.32046	1
cg12950066	0.534838	0.900214	-1.11085	0.000678724	0.419507	-2.38375	0.00833155	0.568947	-1.75763	0.0705958	1.40206	1.40206	6.78027	3.00383	0.3938	1
cg05058809	0.00465498	0.110447	-9.05409	0.00182542	0.0747875	-13.3712	0.00208566	0.0792	-12.6263	0.0219755	0.200155	-4.99612	6.40885	34.785	4.82458	1
cg16804923	0.116507	0.726893	-1.37572	0.465153	0.870209	-1.14915	0.74766	0.941415	-1.06223	0.164767	0.757918	-1.3194	5.84506	3.23802	0.492423	1
cg11470442	0.416321	0.846695	-1.18106	0.000813654	0.363736	-2.74925	0.522691	0.878292	-1.13857	0.65637	0.9142	-1.09385	4.51097	2.86694	0.564931	1
cg03729553	0.115731	0.407556	-2.45365	0.0180671	0.221452	-4.51565	0.0411596	0.290324	-3.44443	0.056504	0.321917	-3.10639	3.86108	16.8525	3.87973	1
cg12083644	9.47E-06	0.146208	-6.83956	0.000491394	0.333214	-3.00107	0.021526	0.573608	-1.74335	0.0423345	0.624536	-1.60119	21.3483	13.7022	0.570525	1
cg23975355	0.148635	0.790141	-1.2656	0.934376	1.0126	1.0126	0.303948	0.850541	-1.17572	2.36E-05	0.277195	-3.60756	15.9261	5.8311	0.325454	1
cg17030820	0.789499	0.927048	-1.07869	0.0176338	0.441596	-2.26451	0.147092	0.64372	-1.55347	0.03261	0.492641	-2.02988	10.9407	13.8878	1.12833	1
cg00807366	0.0451486	0.226464	-4.41571	0.0103602	0.124119	-8.05679	0.0237014	0.174666	-5.72522	0.0637439	0.260094	-3.84477	3.6703	24.2707	5.87797	1
cg21033494	0.273757	0.405852	-2.46395	0.00476019	0.051418	-19.4484	0.00836673	0.0694135	-14.4064	0.113297	0.255517	-3.91364	3.66728	36.412	8.82569	1
cg27607126	0.578842	1.3655	1.3655	0.00534297	0.130201	-7.68046	0.0967712	0.363182	-2.75344	0.116808	0.388038	-2.57707	3.54422	17.3266	4.34551	1
cg10326726	0.465003	1.4155	1.4155	0.288569	0.597601	-1.67336	0.045468	0.342319	-2.92125	0.213874	0.542491	-1.84335	3.51867	12.1692	3.0742	1
cg03242028	0.0165034	0.446986	-2.23721	0.000722556	0.243197	-4.11189	0.790395	0.929387	-1.07598	0.0349735	0.508924	-1.96493	10.8828	13.0245	1.06381	1
cg01499988	0.0809107	0.530008	-1.88676	0.497416	1.25355	1.25355	0.621979	0.849574	-1.17706	0.183457	0.629427	-1.58875	5.69522	9.70545	1.51479	1
cg14264571	0.118253	1.53313	1.53313	0.955011	0.985887	-1.01432	0.37825	1.25579	1.25579	0.831036	1.05531	1.05531	3.50295	3.52154	0.893606	1
cg00997875	0.232	0.921852	-1.08477	0.624144	0.968451	-1.03258	0.195844	0.915033	-1.09286	0.477331	0.954181	-1.04802	5.49318	0.366606	0.0593229	1
cg22771999	0.0243446	0.181894	-5.49771	0.00640621	0.105122	-9.51279	0.0195154	0.166492	-6.00631	0.052362	0.246278	-4.06045	5.03498	32.1648	5.67846	1
cg09778422	0.499351	0.826739	-1.20957	0.101683	1.64406	1.64406	0.355791	0.768318	-1.30155	0.060944	0.556526	-1.79686	4.48551	5.46928	1.08384	1
cg06943437	0.12357	0.625214	-1.59945	0.995395	1.00163	1.00163	0.54458	1.18848	1.18848	0.508807	1.20771	1.20771	3.886	4.87953	1.11615	1
cg16986238	0.219063	0.811095	-1.2329	0.0638839	0.71364	-1.40127	0.169426	1.26757	1.26757	0.00755857	0.573128	-1.74481	3.85789	1.60317	0.369383	1
cg16536964	0.20074	0.812249	-1.23115	1.13E-08	0.0298354	-33.5172	5.07E-06	0.202358	-4.94174	3.14E-05	0.286811	-3.48662	92.4457	34.669	0.333352	1
cg16303562	0.311788	1.28192	1.28192	0.158188	0.699019	-1.43058	0.204503	1.37408	1.37408	0.00212483	0.358843	-2.78674	5.72131	5.10449	0.793057	1
cg07347534	0.493669	0.795108	-1.25769	0.00464451	0.28884	-3.46212	0.0970265	0.548392	-1.82351	0.0364471	0.44843	-2.23	4.56652	7.86842	1.53162	1
cg21431387	0.579741	1.16304	1.16304	0.0450636	0.537434	-1.86069	0.287914	1.34706	1.34706	0.0142391	0.442006	-2.26241	3.53137	4.07795	1.02647	1
cg06623274	0.264094	0.694277	-1.44035	0.0999342	0.568311	-1.7596	0.302966	1.39719	1.39719	0.0109168	0.367328	-2.72236	3.41145	5.3087	1.38323	1
cg07998290	?	?	?	?	?	?	0.0645967	0.748769	-1.33553	?	?	?	170.755	15.4807	0.0906605	1
cg01535726	0.0412458	0.458215	-2.18238	0.000404542	0.155102	-6.44739	0.00370384	0.272579	-3.66867	0.00929151	0.334924	-2.98576	8.45905	14.7177	1.54655	1
cg04815626	0.875352	1.01994	1.01994	0.000880436	0.5341	-1.87231	0.367822	0.890157	-1.1234	0.258815	1.15973	1.15973	5.98553	1.49987	0.22274	1
cg17964305	0.01035	0.3234	-3.09215	0.00219389	0.22288	-4.48671	0.794428	0.912771	-1.09557	0.026442	0.398577	-2.50892	5.6757	10.9817	1.71987	1
cg18452600	0.0978113	1.38452	1.38452	0.0442201	0.660984	-1.5129	0.226872	0.796705	-1.25517	0.86623	0.970252	-1.03066	3.7852	1.92358	0.45172	1
cg12848467	0.00372765	1.74988	1.74988	0.497848	1.1033	1.1033	0.88078	0.97879	-1.02167	0.624462	0.93195	-1.07302	3.40131	1.09915	0.287249	1
cg09883798	0.016497	0.625646	-1.59835	1.79E-05	0.245743	-4.0693	0.0745336	1.37444	1.37444	0.136149	0.773314	-1.29314	19.7879	8.03149	0.360781	1
cg09538573	0.554278	0.829429	-1.20565	0.103755	0.573379	-1.74405	0.68165	1.13764	1.13764	0.00501658	0.313285	-3.19199	7.5969	11.7606	1.37607	1
cg22643879	0.0601296	0.700233	-1.4281	0.0125539	0.5935	-1.68492	0.354481	1.17361	1.17361	0.691086	0.93508	-1.06943	7.34698	3.28606	0.39757	1
cg01511457	0.0184251	0.383685	-2.60631	0.00153146	0.217007	-4.60814	0.426927	0.762032	-1.31228	0.0620709	0.494704	-2.02141	5.27443	9.37628	1.58017	1
cg21490047	0.0925006	2.63534	2.63534	0.00658285	6.33966	6.33966	0.351939	0.605708	-1.65096	0.0981254	2.58457	2.58457	4.2465	18.423	3.85636	1
cg01048752	0.173511	0.479878	-2.08386	0.00347479	0.133851	-7.47097	0.267443	1.79633	1.79633	0.168204	0.474937	-2.10554	3.9081	15.9115	3.61904	1
cg13405608	0.911865	1.01979	1.01979	0.107496	1.36472	1.36472	0.0315001	1.56281	1.56281	0.0485978	1.48998	1.48998	3.83193	1.90162	0.441116	1
cg09974041	0.125715	0.686091	-1.45753	0.832934	1.0492	1.0492	0.813102	0.947574	-1.05533	0.596284	1.12926	1.12926	3.63035	2.97233	0.727773	1
cg07834396	0.523266	1.26156	1.26156	0.0168069	0.350669	-2.85169	0.00014809	0.0960636	-10.4098	0.00534158	0.267673	-3.7359	12.9598	26.4775	1.81604	1
cg07355157	0.0442065	0.497128	-2.01155	0.00758184	0.354013	-2.82476	7.09E-05	0.111821	-8.94289	0.0099404	0.373627	-2.67646	12.8219	18.5647	1.28701	1
cg15792145	0.000809705	0.564862	-1.77034	0.0492621	0.775911	-1.28881	0.531725	1.07424	1.07424	0.121173	0.826975	-1.20923	7.23397	1.46424	0.179922	1
cg16091741	0.870776	0.962041	-1.03946	0.00147671	0.336057	-2.97569	0.35979	1.25082	1.25082	0.0194762	0.511048	-1.95676	6.2044	5.55193	0.795411	1
cg12518898	0.0303751	0.393145	-2.54359	0.00750494	0.277564	-3.60278	0.491499	0.778481	-1.28455	0.611677	0.832531	-1.20116	4.9644	9.83912	1.54151	1
cg06100684	0.120682	0.451577	-2.21446	0.00269522	0.14107	-7.08868	0.275959	0.585491	-1.70797	0.14017	0.472527	-2.11628	3.56228	12.5878	3.14101	1
cg18562689	0.152694	0.686411	-1.45685	7.27E-06	0.0879412	-11.3712	0.61305	1.13347	1.13347	0.407205	1.23156	1.23156	12.8691	12.3006	0.849622	1
cg06700060	0.0337097	0.564813	-1.7705	0.172756	0.715898	-1.39685	0.002055	0.367791	-2.71893	0.0639415	0.619018	-1.61546	7.46793	6.27523	0.746925	1
cg09796786	0.00537779	0.315085	-3.17375	0.947949	0.979637	-1.02079	0.294467	0.709895	-1.40866	0.348017	0.737514	-1.35591	7.23462	11.3777	1.39793	1
cg01199603	0.0437883	0.354173	-2.82348	0.00976416	0.231397	-4.32157	0.0168105	0.270699	-3.69413	0.336775	0.641732	-1.55828	5.89083	18.7166	2.82421	1
cg15175129	0.71772	0.889881	-1.12375	0.0122132	0.36663	-2.72754	0.944001	1.02283	1.02283	0.381836	1.33407	1.33407	5.51522	9.02094	1.45391	1
cg23378033	0.914545	0.962168	-1.03932	0.0197696	0.363749	-2.74915	0.20431	1.61817	1.61817	0.587592	1.21743	1.21743	5.16596	10.5619	1.81734	1
cg05754508	0.675914	0.955969	-1.04606	0.000381227	0.544624	-1.83613	0.695352	0.958724	-1.04305	0.208763	0.86769	-1.15249	4.88161	0.886897	0.161495	1
cg06387141	0.326969	1.33318	1.33318	0.000973546	4.03275	4.03275	0.0296993	2.06929	2.06929	0.123928	1.60555	1.60555	3.80901	4.8714	1.13681	1
cg17781925	0.372486	0.780221	-1.28169	0.00458415	0.359519	-2.7815	0.181099	0.680541	-1.46942	0.0109006	0.420507	-2.37808	5.0443	5.86969	1.03434	1
cg23623364	0.203691	0.797976	-1.25317	7.34E-06	0.18966	-5.2726	0.000310611	0.373754	-2.67556	0.0157354	1.64519	1.64519	25.0071	11.207	0.398359	1
cg25156695	0.162016	1.17091	1.17091	0.0183117	0.738922	-1.35332	0.369884	0.907274	-1.1022	0.050241	1.26601	1.26601	7.5952	1.34328	0.157209	1
cg22290284	0.0308527	0.415817	-2.4049	0.00146516	0.203944	-4.90331	0.00299094	0.244283	-4.09362	0.185033	0.614762	-1.62664	7.08004	13.4331	1.6865	1
cg24758019	0.629355	0.960374	-1.04126	0.20064	0.893704	-1.11894	0.0119671	0.770525	-1.29782	0.453912	1.06548	1.06548	6.47696	0.709061	0.0973106	1
cg14873885	0.234026	0.696537	-1.43567	0.012997	0.409246	-2.44352	0.0500275	0.523206	-1.91129	0.217642	1.45637	1.45637	4.6948	6.2477	1.18291	1
cg08469640	0.883289	0.902451	-1.10809	0.198647	2.58353	2.58353	0.510841	1.59363	1.59363	0.601295	0.691845	-1.44541	4.11012	31.7818	6.87341	1
cg17455847	0.086296	1.4792	1.4792	2.24E-05	5.79122	5.79122	0.00146012	2.58449	2.58449	0.146613	1.37972	1.37972	10.8668	7.3455	0.60085	1
cg12593714	0.765915	1.06513	1.06513	0.00811995	2.04656	2.04656	0.184186	1.34674	1.34674	0.626478	1.10921	1.10921	10.0263	7.09116	0.62867	1
cg04206025	0.00188613	0.210746	-4.74504	0.940903	0.974135	-1.02655	0.835587	0.929179	-1.07622	0.0445186	0.442432	-2.26023	6.68241	13.2216	1.75873	1
cg01828661	0.357865	0.746385	-1.33979	0.0055625	0.324088	-3.08558	0.0124532	0.38211	-2.61705	0.0422974	2.06182	2.06182	6.16457	9.34411	1.34736	1
cg13171718	0.0638498	2.38364	2.38364	0.000536916	9.44654	9.44654	0.00589236	4.49268	4.49268	0.0150474	3.47649	3.47649	5.96807	16.4347	2.44779	1
cg14237550	0.0352085	2.86441	2.86441	0.000609409	9.63863	9.63863	0.00646054	4.56867	4.56867	0.0350404	2.86808	2.86808	5.69026	16.5868	2.59107	1
cg01055135	0.046011	1.66032	1.66032	0.00156398	2.73909	2.73909	0.0200204	1.86323	1.86323	0.0693478	1.56905	1.56905	4.11247	3.20195	0.692086	1
cg27545300	0.732322	0.969517	-1.03144	0.156476	0.872255	-1.14645	0.884513	0.98698	-1.01319	0.0368996	1.24427	1.24427	4.10134	0.528115	0.114459	1
cg24102570	0.361536	0.775827	-1.28895	0.0137015	0.438267	-2.28172	0.448844	1.23228	1.23228	0.185911	1.46163	1.46163	3.70117	4.29303	1.03103	1
cg04365481	0.0422817	3.25559	3.25559	0.000340694	18.3881	18.3881	0.0031768	7.63923	7.63923	0.0124997	4.79703	4.79703	7.17438	28.9327	3.5847	1
cg06346138	0.0651367	4.1497	4.1497	0.00141023	23.9651	23.9651	0.0114214	8.80682	8.80682	0.0262648	6.11944	6.11944	4.70592	35.1989	6.64864	1
cg10966582	0.079886	6.65596	6.65596	0.00920733	25.1479	25.1479	0.00821578	27.0568	27.0568	0.0534917	8.49195	8.49195	3.78439	57.0195	13.3929	1
cg04362112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17140381	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24980367	0.0499368	3.07319	3.07319	0.00155884	31.634	31.634	0.0100894	5.5445	5.5445	0.0381384	3.61141	3.61141	7.8203	35.446	4.02894	1
cg01181817	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07889279	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00097619	0.0702918	0.764196	-1.30857	0.0245356	1.42767	1.42767	0.897109	0.982951	-1.01735	0.513777	0.915746	-1.09201	6.02941	1.6871	0.248722	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11839681	MST1R	0.0139641	0.45327	1.31235	1.31235	0.798475	0.912992	-1.0953	?	?	?	0.895193	1.04801	1.04801	0.00437084	0.258094	-3.87456
cg18129748	MST1R	0.0193375	0.0365419	3.84605	3.84605	0.0478443	3.50511	3.50511	0.962937	0.974569	-1.02609	0.45762	1.52093	1.52093	0.0210424	4.65774	4.65774
cg06521550	MST1R	0.0209354	0.0584269	2.89706	2.89706	0.0880638	2.55066	2.55066	0.251097	1.81576	1.81576	0.202952	1.95146	1.95146	0.0196617	4.06278	4.06278
cg24308560	MST1R	0.0211308	0.157337	1.91912	1.91912	0.0359239	2.86347	2.86347	0.436137	1.40843	1.40843	0.234096	1.71208	1.71208	0.0262253	3.11646	3.11646
cg11663600	MST1R	0.026778	0.0763159	2.89742	2.89742	0.0161788	4.88945	4.88945	0.209744	2.04038	2.04038	0.143398	2.33558	2.33558	0.0317454	3.88889	3.88889
cg11001085	MST1R	0.0267927	0.116615	0.548005	-1.8248	0.699047	1.14689	1.14689	0.681803	0.864647	-1.15654	0.309679	1.449	1.449	0.00379302	0.25217	-3.96558
cg03332271	MST1R;MST1R	0.0398888	0.648469	1.17119	1.17119	0.669738	0.862685	-1.15917	0.881595	1.05265	1.05265	0.0836518	1.9331	1.9331	0.0578748	0.477977	-2.09215
cg03273694	MST4;MST4;MST4	0.000802478	0.000977042	0.222222	-4.50001	0.0574143	0.517307	-1.93309	0.11287	0.589052	-1.69764	0.0423638	2.04831	2.04831	0.0254333	0.442825	-2.25823
cg07042747	MST4;MST4;MST4	0.00254013	0.0612227	0.40922	-2.44367	0.0160771	0.287101	-3.48309	0.90108	0.948687	-1.05409	0.0810374	2.26923	2.26923	0.641089	0.819647	-1.22004
cg06479978	MST4;MST4;MST4	0.0389497	0.538067	1.21314	1.21314	0.583745	0.842417	-1.18706	0.0518693	0.503792	-1.98495	0.113832	0.586767	-1.70425	0.00139775	0.238216	-4.19788
cg00739787	MST4;MST4;MST4;MST4;MST4	0.0454815	0.062977	0.355681	-2.81151	0.17378	2.04451	2.04451	0.249524	1.8126	1.8126	0.0104451	4.91942	4.91942	0.105504	2.39645	2.39645
cg10422816	MSTN	0.00173899	0.0518374	0.656347	-1.52358	0.00254812	0.450819	-2.21819	0.00272121	0.454878	-2.19839	0.119255	0.724891	-1.37952	6.91E-05	0.250644	-3.98972
cg08063891	MSTN	0.0088579	0.624754	0.919949	-1.08702	0.0105777	0.580273	-1.72333	0.0790132	0.718854	-1.3911	0.484164	0.88662	-1.12788	0.00146631	2.1758	2.1758
cg20253251	MSTO1	6.02E-06	1.42E-06	0.107856	-9.27162	7.81E-05	0.273263	-3.65948	0.00204763	0.454465	-2.20039	0.00586412	0.51967	-1.9243	6.73E-06	0.162908	-6.13843
cg20773956	MSTO1	0.000652001	9.79E-05	0.227106	-4.40323	0.0864701	1.50017	1.50017	0.00310007	0.420352	-2.37896	0.00507487	0.452319	-2.21083	0.0463479	0.613389	-1.63029
cg05037680	MSTO1	0.0111659	0.235339	1.11734	1.11734	0.425279	0.929942	-1.07534	0.0244411	0.787277	-1.2702	0.871761	0.985692	-1.01452	0.92134	1.00885	1.00885
cg04706183	MSTO1	0.0146259	0.714183	0.944548	-1.05871	0.17943	1.24752	1.24752	0.673568	0.936401	-1.06792	0.571815	0.915203	-1.09265	0.287717	1.18672	1.18672
cg20313496	MSTO1	0.0354814	0.00148002	0.414265	-2.41392	0.546218	1.12451	1.12451	0.079655	1.45324	1.45324	0.641556	0.913848	-1.09427	0.0590148	0.663843	-1.50638
cg20335185	MSTO2P	0.00317347	0.0111945	0.566778	-1.76436	0.000642499	2.54895	2.54895	0.0315601	1.56884	1.56884	0.576931	0.904232	-1.10591	0.0402883	0.654955	-1.52682
cg06761437	MSTO2P	0.00636737	0.000394661	0.372386	-2.68538	0.0760568	0.707857	-1.41271	0.669435	1.07806	1.07806	0.130019	0.751082	-1.33141	0.103716	0.732407	-1.36536
cg07222421	MSTO2P	0.0320799	0.671776	1.16318	1.16318	0.119818	0.549606	-1.81949	0.0441355	0.440358	-2.27088	0.0244371	0.386389	-2.58806	0.0219914	0.377409	-2.64964
cg00903950	MSTO2P	0.0393741	0.928523	0.987469	-1.01269	0.171022	0.814749	-1.22737	0.500432	0.908344	-1.1009	0.12799	0.793514	-1.26022	0.262636	0.848608	-1.1784
cg20891301	MSX1	8.48E-08	4.33E-05	0.549944	-1.81837	0.000564781	0.662606	-1.50919	0.0119424	1.27328	1.27328	5.40E-05	1.78556	1.78556	0.00326769	1.36181	1.36181
cg09748975	MSX1	1.61E-06	0.00124789	0.362684	-2.75722	0.000501622	0.31021	-3.22362	0.000177624	3.92143	3.92143	9.17E-05	4.49385	4.49385	0.000279391	3.59093	3.59093
cg00486340	MSX1	2.24E-06	0.00113868	0.363492	-2.75109	0.00080758	0.343399	-2.91207	1.05E-05	7.33342	7.33342	0.0595354	1.56787	1.56787	0.00223302	0.404345	-2.47313
cg03672274	MSX1	2.42E-06	0.0001444	0.313021	-3.19468	8.02E-06	0.176818	-5.65553	6.51E-05	3.67313	3.67313	0.110759	1.3611	1.3611	0.00943117	0.557782	-1.79282
cg17814781	MSX1	5.26E-06	0.00364992	0.467826	-2.13755	0.000155086	0.285982	-3.49672	0.0100033	1.87439	1.87439	0.00113028	2.5236	2.5236	0.721738	1.07153	1.07153
cg07035659	MSX1	7.60E-06	0.208638	1.31863	1.31863	0.000602806	0.33156	-3.01605	0.000150641	3.88754	3.88754	0.174256	1.35201	1.35201	0.0972118	0.683983	-1.46203
cg25144207	MSX1	8.03E-06	0.000988574	0.422147	-2.36884	7.98E-05	0.284985	-3.50895	0.000120747	3.26556	3.26556	0.000630156	2.52347	2.52347	0.0353363	1.53996	1.53996
cg21538208	MSX1	8.49E-06	0.000730112	0.199354	-5.0162	0.00263621	0.270597	-3.69553	0.00153936	4.1827	4.1827	0.000127034	8.11968	8.11968	0.000980166	4.66195	4.66195
cg21689228	MSX1	1.40E-05	0.000671114	0.3335	-2.9985	0.00158216	0.38392	-2.60471	0.0152576	1.87536	1.87536	0.647864	0.907508	-1.10192	0.0476842	0.620063	-1.61274
cg10266211	MSX1	1.84E-05	0.0132606	0.528964	-1.89049	4.20E-05	0.198402	-5.04028	0.00180636	2.51102	2.51102	0.175978	1.34788	1.34788	0.0235904	0.570693	-1.75226
cg24840099	MSX1	2.19E-05	0.00197286	0.377139	-2.65155	0.000773787	0.321464	-3.11077	0.000479208	3.39459	3.39459	0.000472908	3.40299	3.40299	0.000701356	3.16595	3.16595
cg13207326	MSX1	2.51E-05	0.0354473	0.544738	-1.83574	0.000874854	0.274428	-3.64395	0.0183894	2.04305	2.04305	0.0170841	2.06824	2.06824	0.448212	1.20648	1.20648
cg24469464	MSX1	2.66E-05	0.546443	1.15492	1.15492	0.171621	0.709329	-1.40978	3.21E-05	6.74915	6.74915	0.00207468	2.78186	2.78186	0.256379	1.32257	1.32257
cg11078084	MSX1	3.39E-05	0.000101755	0.173224	-5.77287	0.000434099	0.242488	-4.12391	0.00309091	2.80427	2.80427	0.485041	1.19805	1.19805	0.291925	0.756924	-1.32114
cg15092343	MSX1	3.86E-05	0.0226271	0.274722	-3.64004	0.0131753	0.233453	-4.28352	0.000269265	16.9249	16.9249	0.0823632	2.4864	2.4864	0.0106154	0.218504	-4.57657
cg04660422	MSX1	5.66E-05	0.282396	0.771787	-1.29569	1.30E-05	0.119818	-8.34599	0.131448	1.45884	1.45884	0.0320963	0.558646	-1.79004	0.503473	0.854316	-1.17053
cg18849102	MSX1	0.000162822	0.0370741	0.539635	-1.8531	0.0267705	0.512415	-1.95154	0.00539707	2.5428	2.5428	0.624444	1.13397	1.13397	0.136284	0.6643	-1.50534
cg09573795	MSX1	0.000169649	0.00198983	0.27444	-3.64379	0.0015696	0.260518	-3.83851	0.00293387	3.35355	3.35355	0.0517188	1.9265	1.9265	0.395173	1.29421	1.29421
cg19596468	MSX1	0.000170413	0.0132137	0.368406	-2.7144	0.00255959	0.256661	-3.8962	0.00498987	3.34706	3.34706	0.0102984	2.86065	2.86065	0.418544	1.30831	1.30831
cg03843978	MSX1	0.000237468	0.750824	0.944669	-1.05857	0.0023015	0.467141	-2.14068	0.0910705	1.39451	1.39451	0.00874566	1.81622	1.81622	0.00389362	2.00264	2.00264
cg11566977	MSX1	0.000307593	5.89E-06	0.0315397	-31.7061	0.0759825	0.552867	-1.80875	0.169498	1.54678	1.54678	0.927876	1.02708	1.02708	0.589501	1.17469	1.17469
cg04100843	MSX1	0.000320438	0.0570236	0.569539	-1.75581	0.00419199	0.36689	-2.72561	0.0716689	1.69171	1.69171	0.157679	1.48428	1.48428	0.47512	0.82708	-1.20907
cg14039306	MSX1	0.00041044	0.544321	1.10157	1.10157	0.0325651	1.48343	1.48343	0.0199919	0.642368	-1.55674	0.0814559	0.737538	-1.35586	0.460966	0.888411	-1.12561
cg13882284	MSX1	0.00045144	0.736033	0.901895	-1.10878	0.146376	0.621385	-1.60931	0.0115973	2.61977	2.61977	0.0394385	2.06901	2.06901	0.815337	1.07401	1.07401
cg15848031	MSX1	0.00055231	0.169059	0.508856	-1.96519	0.00155947	0.122892	-8.1372	0.0175592	3.79038	3.79038	0.0159375	3.89973	3.89973	0.184953	1.91222	1.91222
cg01785568	MSX1	0.000734672	0.00211725	0.262484	-3.80976	0.0242999	0.435563	-2.29588	0.101484	1.74208	1.74208	0.0779595	1.83372	1.83372	0.37024	1.32956	1.32956
cg17938612	MSX1	0.00108045	0.0101319	0.375268	-2.66476	0.0582655	0.523796	-1.90914	0.903936	1.03716	1.03716	0.0199304	0.42786	-2.33721	0.0164566	0.412436	-2.42462
cg20588069	MSX1	0.00124684	0.0132994	0.296789	-3.3694	0.00189272	0.17489	-5.71787	0.0180449	3.11912	3.11912	0.534322	1.28304	1.28304	0.0271099	0.354864	-2.81798
cg22609784	MSX1	0.00206269	0.000199343	0.151601	-6.59626	0.0419182	0.49261	-2.03	0.891631	1.04202	1.04202	0.709516	0.89315	-1.11963	0.577014	0.843528	-1.1855
cg03717979	MSX1	0.00246905	0.10525	0.75073	-1.33204	0.35341	1.16727	1.16727	0.419402	0.874906	-1.14298	0.280909	0.833983	-1.19906	0.989576	0.997886	-1.00212
cg19846622	MSX1	0.00302151	0.0366364	2.39258	2.39258	0.800024	0.912843	-1.09548	0.0570179	2.16769	2.16769	0.0857698	1.97821	1.97821	0.792795	0.909756	-1.0992
cg20161179	MSX1	0.00337319	0.0133502	0.386722	-2.58584	0.000438596	5.59415	5.59415	0.0905139	1.7827	1.7827	0.690111	0.883179	-1.13227	0.165275	1.58213	1.58213
cg27038439	MSX1	0.00415985	0.148467	0.419036	-2.38643	0.0106835	0.165147	-6.0552	0.134719	2.47193	2.47193	0.0123004	5.7526	5.7526	0.307093	1.81006	1.81006
cg15755084	MSX1	0.00447079	0.941843	1.00677	1.00677	0.514917	1.06301	1.06301	0.349039	0.914659	-1.0933	0.00255633	0.678976	-1.47281	0.722916	0.967595	-1.03349
cg03199651	MSX1	0.00459518	0.0369512	1.96397	1.96397	0.486413	1.21776	1.21776	0.407507	1.26621	1.26621	0.221716	0.699215	-1.43018	0.967946	1.01126	1.01126
cg03335246	MSX1	0.00465321	0.0413894	0.411478	-2.43027	0.00225322	0.18867	-5.30025	0.120239	1.87752	1.87752	0.745679	1.12769	1.12769	0.0239564	0.359699	-2.7801
cg07462756	MSX1	0.00636377	0.235284	0.492868	-2.02894	0.388	0.604564	-1.65408	0.0556962	3.43207	3.43207	0.104133	2.74723	2.74723	0.114083	0.37618	-2.6583
cg11932640	MSX1	0.0128353	0.317075	0.902042	-1.1086	0.0121451	1.3656	1.3656	0.729524	1.0352	1.0352	0.0125011	0.733644	-1.36306	0.55716	0.942534	-1.06097
cg22371591	MSX1	0.0271927	0.628856	1.29561	1.29561	0.0159657	0.208284	-4.80113	0.28442	1.80632	1.80632	0.277122	0.548238	-1.82403	0.833361	1.11855	1.11855
cg26615830	MSX1	0.0450241	0.260263	1.47655	1.47655	0.0109411	0.3465	-2.88601	0.323001	0.71263	-1.40325	0.31035	1.41677	1.41677	0.738499	0.894766	-1.11761
cg06946371	MSX2	1.29E-05	0.173355	1.33042	1.33042	0.829055	1.04353	1.04353	0.0309008	1.64779	1.64779	0.00905135	1.92276	1.92276	0.798367	0.950804	-1.05174
cg25998402	MSX2	4.55E-05	0.00176582	0.365474	-2.73617	0.0919488	0.657541	-1.52082	0.0177787	0.521384	-1.91797	0.198825	0.73577	-1.35912	0.0311401	0.564605	-1.77115
cg02365742	MSX2	5.79E-05	0.151518	0.715071	-1.39846	7.78E-06	8.50077	8.50077	0.000111026	4.40948	4.40948	0.95835	1.01146	1.01146	0.00313436	0.414174	-2.41444
cg24062536	MSX2	0.000133101	0.000431366	0.295963	-3.3788	4.57E-06	0.100128	-9.9872	0.196633	1.34783	1.34783	0.672886	0.911333	-1.09729	0.583938	0.886104	-1.12854
cg01960016	MSX2	0.000159367	0.529691	0.865476	-1.15543	8.66E-06	8.96535	8.96535	0.71727	1.08602	1.08602	0.268061	0.769677	-1.29925	0.587795	0.883215	-1.13223
cg20563910	MSX2	0.000254541	0.141191	0.841125	-1.18888	0.0261983	1.33426	1.33426	0.0803058	1.2363	1.2363	0.19881	1.16005	1.16005	0.912972	0.988118	-1.01202
cg26615160	MSX2	0.00306246	0.990694	1.00284	1.00284	0.916647	0.9749	-1.02575	0.869224	1.04082	1.04082	0.000106471	0.189993	-5.26334	0.562536	0.867477	-1.15277
cg27096144	MSX2	0.0041003	0.326578	1.20339	1.20339	0.115212	1.3676	1.3676	0.101072	1.3885	1.3885	0.131335	1.34685	1.34685	0.96393	0.991768	-1.0083
cg23148467	MSX2	0.00800187	0.0345561	0.506574	-1.97404	0.0159684	2.25711	2.25711	0.0274154	0.486779	-2.05432	0.90322	0.966991	-1.03414	0.65533	0.883405	-1.13198
cg12387713	MSX2	0.0135739	0.141095	1.6862	1.6862	0.804333	1.08539	1.08539	0.501865	0.798528	-1.2523	0.129121	0.581989	-1.71825	0.184048	0.628037	-1.59226
cg01148731	MSX2	0.0149735	0.110248	0.37687	-2.65343	0.00289818	0.100708	-9.92967	0.979235	0.985514	-1.0147	0.916212	0.942707	-1.06077	0.480991	1.49421	1.49421
cg17156565	MSX2	0.0209715	0.655247	0.934124	-1.07052	0.10306	1.31051	1.31051	0.0549181	1.39109	1.39109	0.836774	0.969202	-1.03178	0.100413	0.761161	-1.31378
cg15123984	MSX2;MSX2	0.000211286	0.0183366	2.21291	2.21291	0.751948	1.09198	1.09198	0.750537	1.09255	1.09255	0.936391	1.0224	1.0224	0.622087	0.871211	-1.14783
cg12243537	MSX2P1	7.01E-06	0.000305931	0.545393	-1.83354	1.71E-06	0.289656	-3.45237	2.55E-06	0.30874	-3.23897	0.00265635	0.650672	-1.53687	0.0276524	0.763996	-1.30891
cg21502786	MSX2P1	2.52E-05	0.138653	0.730712	-1.36853	0.0225148	1.71226	1.71226	0.00556211	2.0479	2.0479	0.539872	0.885022	-1.12992	0.847582	0.962837	-1.0386
cg18393046	MSX2P1	0.000130746	0.205029	1.38258	1.38258	0.216662	0.729831	-1.37018	0.120233	0.664762	-1.5043	0.0248486	1.90982	1.90982	0.000595687	0.276929	-3.61103
cg21934311	MSX2P1	0.00022327	0.173294	0.750471	-1.3325	0.114773	1.40464	1.40464	0.00411679	2.14338	2.14338	0.000407219	3.04304	3.04304	0.0302976	0.603795	-1.65619
cg09123473	MSX2P1	0.000692072	0.0157263	2.7599	2.7599	0.505691	1.26064	1.26064	0.587588	0.828777	-1.2066	0.000156712	9.19697	9.19697	0.000458608	6.63343	6.63343
cg11035202	MSX2P1	0.000772624	0.00710373	0.584944	-1.70957	0.000151919	0.367126	-2.72386	0.00540214	0.568563	-1.75882	0.287904	1.18546	1.18546	0.565851	1.09362	1.09362
cg00509108	MT1A	0.00564842	0.108602	1.93101	1.93101	0.0306846	2.59745	2.59745	0.0915079	2.01109	2.01109	0.293096	1.50694	1.50694	0.0115638	3.27806	3.27806
cg04436255	MT1A	0.00919349	0.0276716	10.0503	10.0503	0.0202852	11.9481	11.9481	0.0334658	9.04684	9.04684	0.10536	4.79891	4.79891	0.0297328	9.65817	9.65817
cg18438944	MT1A	0.0123308	0.0336455	26.4431	26.4431	0.0294863	29.4773	29.4773	0.0701264	14.475	14.475	0.150035	7.66524	7.66524	0.0197622	41.0735	41.0735
cg01110759	MT1A	0.0186288	0.0303692	25.509	25.509	0.0848891	11.3001	11.3001	0.0842558	11.3678	11.3678	0.175315	6.26038	6.26038	0.0286425	26.724	26.724
cg09137696	MT1A	0.0256669	0.045433	17.7324	17.7324	0.0345328	21.9571	21.9571	0.0551592	15.248	15.248	0.127277	7.89758	7.89758	0.0291212	25.0856	25.0856
cg00425710	MT1A	0.027067	0.807039	1.06895	1.06895	0.74108	0.913615	-1.09455	0.149584	0.656409	-1.52344	0.0547062	1.81078	1.81078	0.0504305	1.83589	1.83589
cg03923438	MT1A	0.0286688	0.520089	1.12041	1.12041	0.698204	0.934312	-1.07031	0.0102804	0.568955	-1.75761	0.960632	1.00864	1.00864	0.259905	1.22744	1.22744
cg06343774	MT1A	0.0430025	0.0185416	0.150493	-6.64481	0.15162	0.360966	-2.77034	0.0308813	0.186147	-5.3721	0.112019	0.317334	-3.15126	0.0131413	0.130076	-7.68779
cg02263813	MT1A;MT1A	0.049929	0.0254035	9.3378	9.3378	0.219937	2.95827	2.95827	0.091651	4.76701	4.76701	0.201861	3.10559	3.10559	0.0309839	8.41188	8.41188
cg17386181	MT1B	0.000424629	0.0228396	0.723867	-1.38147	0.0199016	0.716449	-1.39577	0.0517784	0.769046	-1.30031	1.67E-05	0.349959	-2.85748	0.365052	0.895455	-1.11675
cg03655527	MT1B	0.000962736	0.00330443	0.706424	-1.41558	0.00344996	1.41186	1.41186	0.0258064	1.25846	1.25846	0.00495401	1.38148	1.38148	0.0740339	1.18876	1.18876
cg26640547	MT1B	0.00149222	0.000116218	0.235956	-4.23809	0.00343287	0.42748	-2.33929	0.889822	0.9708	-1.03008	0.453639	1.17728	1.17728	0.376659	0.823685	-1.21406
cg08942052	MT1B	0.00496063	0.0198285	1.39207	1.39207	0.0301279	1.34973	1.34973	0.212678	0.856964	-1.16691	0.174688	1.18504	1.18504	0.217762	0.858574	-1.16472
cg27383124	MT1B	0.0493847	0.0487078	0.338158	-2.9572	0.0270765	0.28357	-3.52647	0.0101691	0.20993	-4.76349	0.419986	0.67246	-1.48708	0.00927466	0.203929	-4.90367
cg07835270	MT1DP;MT1DP	8.94E-06	0.0409311	0.698068	-1.43253	1.03E-05	0.237306	-4.21398	5.65E-05	0.319945	-3.12554	0.449826	1.12448	1.12448	2.62E-06	0.178087	-5.61524
cg01455366	MT1DP;MT1DP	0.00332968	0.0239002	2.50355	2.50355	0.00139551	4.83877	4.83877	0.765835	1.10705	1.10705	0.204551	1.57753	1.57753	0.00967096	3.04906	3.04906
cg00381622	MT1DP;MT1DP	0.00571254	0.0251081	2.06397	2.06397	0.00040389	4.617	4.617	0.163452	1.4986	1.4986	0.0375191	1.92791	1.92791	0.0121193	2.34105	2.34105
cg10417218	MT1DP;MT1DP	0.00805306	0.235396	1.22778	1.22778	0.00672657	1.78584	1.78584	0.311707	1.18851	1.18851	0.124024	1.31634	1.31634	0.0116006	1.68323	1.68323
cg05799507	MT1DP;MT1DP	0.0117348	0.0303338	17.4852	17.4852	0.0144319	29.6223	29.6223	0.0465773	12.9553	12.9553	0.0789563	8.95698	8.95698	0.0254699	19.7711	19.7711
cg02898915	MT1DP;MT1DP	0.0170244	0.023775	6.73864	6.73864	0.0220794	6.96406	6.96406	0.516135	1.59279	1.59279	0.359596	1.94639	1.94639	0.0222778	6.93638	6.93638
cg06182274	MT1DP;MT1DP	0.0186917	0.0215868	7.32045	7.32045	0.00897522	10.9951	10.9951	0.0990744	3.68613	3.68613	0.146269	3.08079	3.08079	0.0361467	5.80063	5.80063
cg09477740	MT1DP;MT1DP	0.0312497	0.0594271	3.96825	3.96825	0.0118103	7.66463	7.66463	0.0488802	4.29279	4.29279	0.129821	2.88646	2.88646	0.0625907	3.88621	3.88621
cg07912888	MT1E	0.0436786	0.0560134	2.08646	2.08646	0.00812412	3.16262	3.16262	0.561796	1.22057	1.22057	0.819752	1.08064	1.08064	0.0467426	2.16765	2.16765
cg03585823	MT1F	0.0315104	0.0366428	0.62818	-1.5919	0.544366	0.889154	-1.12466	0.00928376	0.531518	-1.8814	0.206204	0.774681	-1.29085	0.0121485	0.549636	-1.81939
cg09174870	MT1G;MT1H	0.000911052	0.000367063	0.302524	-3.30552	0.105404	1.44872	1.44872	0.00354073	0.436779	-2.28949	0.826079	1.04719	1.04719	0.0026282	0.417878	-2.39305
cg05958050	MT1G;MT1H	0.0100256	0.033649	4.94934	4.94934	0.00627228	9.92718	9.92718	0.0420101	4.52804	4.52804	0.142605	2.76153	2.76153	0.0230795	5.76199	5.76199
cg02590366	MT1G;MT1H	0.0165998	0.00308079	0.293085	-3.41198	0.118034	0.597993	-1.67226	0.00514716	0.326492	-3.06286	0.173893	1.55002	1.55002	0.0283244	0.456464	-2.19075
cg01507019	MT1G;MT1H	0.0423701	0.117781	1.8316	1.8316	0.00562038	3.6515	3.6515	0.760386	1.11514	1.11514	0.994894	0.997723	-1.00228	0.128829	1.7946	1.7946
cg26937772	MT1H	0.0487261	0.015772	0.247595	-4.03886	0.0839453	0.405574	-2.46564	0.0457671	0.339374	-2.9466	0.136781	0.469356	-2.13058	0.0196662	0.264525	-3.78037
cg08293392	MT1IP	0.000163491	0.775333	1.02002	1.02002	0.00459486	1.29864	1.29864	0.0185866	0.820633	-1.21857	0.984127	1.00138	1.00138	0.183249	1.10276	1.10276
cg04924185	MT1IP	0.00822773	0.0263949	6.01505	6.01505	0.00897269	9.62843	9.62843	0.0644811	4.11841	4.11841	0.143205	2.92169	2.92169	0.00401589	13.933	13.933
cg17545418	MT1IP	0.00873133	0.0143849	9.96885	9.96885	0.0214873	8.20842	8.20842	0.0919028	4.11326	4.11326	0.10438	3.86916	3.86916	0.0165926	9.29949	9.29949
cg19214300	MT1IP	0.0115617	0.921544	1.01621	1.01621	0.010038	1.69979	1.69979	0.168708	1.2705	1.2705	0.252244	0.822637	-1.2156	0.122584	1.31407	1.31407
cg00809164	MT1L	0.00332893	0.0111499	5.55307	5.55307	0.00457136	7.6509	7.6509	0.0202805	4.51812	4.51812	0.217499	2.01204	2.01204	0.0138216	5.15327	5.15327
cg10506097	MT1L	0.0238415	0.0143072	5.89371	5.89371	0.566215	1.40571	1.40571	0.590434	1.37588	1.37588	0.0776146	3.16424	3.16424	0.794248	1.1659	1.1659
cg10638827	MT1M	0.012719	0.0106178	0.496214	-2.01526	0.624647	1.11354	1.11354	0.124963	0.696133	-1.43651	0.127667	0.698216	-1.43222	0.0299002	0.572812	-1.74577
cg02132560	MT1M	0.0376632	0.0637447	1.94949	1.94949	0.00483661	3.31045	3.31045	0.0130154	2.68304	2.68304	0.280556	1.43228	1.43228	0.0418213	2.12003	2.12003
cg08917795	MT1X	0.00550778	0.000880907	0.174706	-5.72391	0.00451357	0.265959	-3.75998	0.0039593	0.257665	-3.881	0.00935731	0.315608	-3.16849	0.015033	0.35138	-2.84593
cg15473868	MT1X	0.00564841	0.004729	0.213461	-4.68469	0.00133	0.146542	-6.82396	0.00321973	0.191231	-5.22928	0.0269536	0.340257	-2.93896	0.0113839	0.271552	-3.68254
cg26802333	MT1X	0.00730793	0.045677	0.758766	-1.31793	0.0228785	1.38824	1.38824	0.131394	0.821819	-1.21681	0.0973284	1.2451	1.2451	0.152426	1.20284	1.20284
cg01190915	MT2A	0.0334542	0.064888	0.751418	-1.33082	0.646807	1.06567	1.06567	0.190381	0.825991	-1.21067	0.263793	1.1742	1.1742	0.825167	1.03097	1.03097
cg26651122	MT2A	0.0413759	0.96783	0.990092	-1.01001	0.373372	1.2531	1.2531	0.112049	0.65232	-1.53299	0.658967	1.1159	1.1159	0.631746	0.88761	-1.12662
cg16737422	MT2A;MT2A	0.00532486	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg08795279	MT3	1.16E-05	0.0026865	1.91768	1.91768	0.0572011	1.40169	1.40169	0.0575604	0.713863	-1.40083	0.0065924	1.73962	1.73962	8.06E-05	3.05525	3.05525
cg16393726	MT3;MT3	0.000636098	0.000440292	0.484866	-2.06243	0.0296921	0.716248	-1.39616	0.077492	0.774218	-1.29163	0.000185283	0.438958	-2.27812	0.240062	1.17399	1.17399
cg08270206	MT3;MT3	0.036437	0.288341	1.37707	1.37707	0.19859	1.48505	1.48505	0.321115	1.34626	1.34626	?	?	?	0.278975	1.38654	1.38654
cg02552572	MT4	0.00419983	0.222398	0.791433	-1.26353	0.538748	0.892677	-1.12023	0.00281441	0.472034	-2.11849	0.0154153	0.581425	-1.71991	0.000581278	0.378908	-2.63916
cg05365825	MTA1	0.000221367	0.000104701	0.313564	-3.18915	0.0767506	0.716784	-1.39512	0.0152987	0.604293	-1.65483	0.0301898	1.53905	1.53905	0.00928524	0.572152	-1.74779
cg11113759	MTA1	0.000350095	0.00287714	1.60031	1.60031	0.553604	1.07114	1.07114	0.000332016	1.94323	1.94323	0.019533	1.38222	1.38222	0.0438045	1.30442	1.30442
cg05834191	MTA1	0.00112102	0.0206577	0.645145	-1.55004	0.000717588	2.24733	2.24733	0.493444	1.11558	1.11558	0.0340907	0.677785	-1.4754	0.000205051	0.375933	-2.66005
cg15895505	MTA1	0.00141713	0.26912	0.833179	-1.20022	0.0205559	0.642467	-1.5565	0.00235788	0.510296	-1.95965	0.806073	1.03978	1.03978	3.00E-05	0.273918	-3.65072
cg04514868	MTA1	0.00160479	0.9648	1.00718	1.00718	0.0111776	1.67404	1.67404	0.953152	0.990525	-1.00957	0.0426839	1.4595	1.4595	0.582547	1.09412	1.09412
cg23413396	MTA1	0.00382656	0.0605237	0.720813	-1.38732	0.369644	0.867172	-1.15317	0.108144	0.762512	-1.31145	0.503848	1.11063	1.11063	0.00090829	0.464183	-2.15432
cg01655777	MTA1	0.00412844	0.130325	0.558456	-1.79065	8.08E-05	12.6309	12.6309	0.905117	0.958374	-1.04343	0.522188	0.793521	-1.26021	0.534482	0.799071	-1.25145
cg01769288	MTA1	0.00529271	0.14252	0.821057	-1.21794	0.000536807	1.96131	1.96131	0.307183	1.14136	1.14136	0.401678	1.11333	1.11333	0.292339	1.14642	1.14642
cg23123838	MTA1	0.00820359	0.0336058	0.702764	-1.42295	0.0631561	1.34583	1.34583	0.0635645	1.34507	1.34507	0.288123	0.854936	-1.16968	0.0266333	0.68841	-1.45262
cg24727433	MTA1	0.00821729	0.326174	0.83765	-1.19382	0.0692485	1.42647	1.42647	0.0566998	1.45782	1.45782	0.2365	1.24205	1.24205	0.266188	1.22442	1.22442
cg01318265	MTA1	0.00840039	0.0079363	0.409251	-2.44349	0.851111	1.05055	1.05055	0.262962	1.35839	1.35839	0.470468	0.824734	-1.21251	0.000421713	0.230734	-4.33399
cg18388431	MTA1	0.00884578	0.173608	0.77369	-1.29251	0.00750403	0.543408	-1.84024	0.3848	0.853917	-1.17107	0.834541	1.03777	1.03777	0.175676	0.77476	-1.29072
cg27055366	MTA1	0.0152314	0.962556	1.00685	1.00685	0.000724517	2.11255	2.11255	0.247926	1.1921	1.1921	0.0181146	0.658687	-1.51817	0.462135	0.896827	-1.11504
cg23665216	MTA1	0.0186427	0.0153236	0.340665	-2.93543	0.0137712	0.332336	-3.009	0.349131	0.705606	-1.41722	0.164782	0.584995	-1.70942	0.00385196	0.244413	-4.09144

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11839681	0.564642	0.81289	-1.23018	0.00329076	4.15695	4.15695	0.0492067	2.22274	2.22274	0.633177	0.842763	-1.18657	5.40608	9.63393	1.78205	1
cg18129748	0.019595	4.77543	4.77543	0.00284377	9.75075	9.75075	0.00862176	6.40334	6.40334	0.0662311	3.13363	3.13363	4.75863	23.162	4.32655	1
cg06521550	0.0462015	3.11498	3.11498	0.0011602	10.7337	10.7337	0.0110467	4.88184	4.88184	0.0926412	2.51059	2.51059	4.6319	18.1527	3.48361	1
cg24308560	0.0305841	2.98996	2.98996	0.001707	6.89575	6.89575	0.00889981	4.19903	4.19903	0.04439	2.70564	2.70564	4.61723	13.5889	2.61607	1
cg11663600	0.0369033	3.69708	3.69708	0.0101775	5.74458	5.74458	0.00415372	7.94608	7.94608	0.0432775	3.50476	3.50476	4.25396	19.6076	4.09713	1
cg11001085	0.403699	0.739747	-1.35181	0.00276124	0.23302	-4.29148	0.677758	0.862936	-1.15883	0.174998	0.601165	-1.66344	4.25314	8.38332	1.75208	1
cg03332271	0.0236117	2.53572	2.53572	0.0357052	2.31983	2.31983	0.0136102	2.86022	2.86022	0.20723	1.58073	1.58073	3.68691	6.9208	1.66856	1
cg03273694	0.0226087	0.432896	-2.31002	0.156928	0.628586	-1.59087	0.00067823	0.203305	-4.91872	7.85E-05	0.111874	-8.9386	12.5212	18.6517	1.3241	1
cg07042747	0.658839	1.2071	1.2071	7.74E-05	20.7277	20.7277	0.492142	0.744137	-1.34384	0.883496	1.06408	1.06408	8.98979	25.5489	2.52621	1
cg06479978	0.583928	1.18696	1.18696	0.545192	1.20895	1.20895	0.278028	0.704985	-1.41847	0.777443	1.09179	1.09179	3.71934	5.65735	1.35205	1
cg00739787	0.0909926	0.39848	-2.50954	0.19705	1.96204	1.96204	0.151842	2.13562	2.13562	0.439115	1.47695	1.47695	3.51149	13.583	3.43836	1
cg10422816	0.0900744	0.700818	-1.4269	0.399254	1.17848	1.17848	0.966956	1.00791	1.00791	0.0341253	0.624687	-1.6008	10.0416	5.75931	0.509815	1
cg08063891	0.528442	1.11416	1.11416	0.0304356	1.53811	1.53811	0.44301	0.876004	-1.14155	0.0956838	0.733617	-1.36311	6.1433	2.78736	0.40331	1
cg20253251	4.00E-06	0.143075	-6.98936	4.49E-06	0.147387	-6.78484	0.0016646	0.442027	-2.2623	0.00017129	0.313748	-3.18727	46.2721	24.1416	0.463761	1
cg20773956	0.00029132	0.282235	-3.54314	0.00681504	0.472017	-2.11857	0.860847	1.03829	1.03829	0.0210407	0.551907	-1.8119	13.2722	9.64121	0.645707	1
cg05037680	0.215331	1.12338	1.12338	0.000491366	0.614466	-1.62743	0.372754	1.08506	1.08506	0.140651	1.15187	1.15187	5.70492	0.719052	0.112036	1
cg04706183	0.420501	0.880171	-1.13614	0.000244822	0.390623	-2.56001	0.718298	1.05779	1.05779	0.724555	0.946607	-1.0564	5.2241	1.99016	0.338629	1
cg20313496	0.645785	0.914907	-1.09301	0.787138	0.949319	-1.05339	0.771309	0.945534	-1.0576	0.547577	1.12406	1.12406	3.84804	2.25046	0.51985	1
cg20335185	0.207637	1.26787	1.26787	0.0240133	0.61824	-1.61749	0.0506179	0.671749	-1.48865	0.426981	0.865129	-1.1559	8.4163	4.25291	0.449172	1
cg06761437	0.300055	0.828646	-1.20679	0.0783988	0.710209	-1.40804	0.00356631	0.501065	-1.99575	0.00389821	0.506538	-1.97419	6.81278	3.30532	0.431257	1
cg07222421	0.00691278	0.28942	-3.45519	0.0432414	0.438377	-2.28114	0.781058	1.10387	1.10387	0.0445828	0.441337	-2.26584	3.99032	7.94935	1.77081	1
cg00903950	0.0354964	0.70888	-1.41068	0.0144815	0.654781	-1.52723	0.0774931	1.31762	1.31762	0.0530348	1.36207	1.36207	3.70457	1.15911	0.278121	1
cg20891301	0.068841	0.854847	-1.1698	5.25E-09	6.92812	6.92812	9.25E-08	3.8376	3.8376	0.00502508	0.751386	-1.33087	137.175	12.8877	0.0835116	1
cg09748975	0.00894765	0.489104	-2.04455	3.53E-07	23.6405	23.6405	2.78E-06	11.2258	11.2258	0.0126183	0.513219	-1.94848	64.9293	47.5751	0.651308	1
cg00486340	0.579387	0.888342	-1.12569	5.09E-07	19.4143	19.4143	3.18E-06	10.3347	10.3347	0.549307	0.879743	-1.1367	59.6875	42.2735	0.629553	1
cg03672274	0.0735446	0.701904	-1.4247	7.02E-06	5.83435	5.83435	1.97E-06	8.05416	8.05416	0.209227	0.790709	-1.26469	58.5149	29.1712	0.443133	1
cg17814781	0.064449	1.49383	1.49383	5.90E-07	14.2736	14.2736	6.77E-06	6.89124	6.89124	0.0417181	0.635372	-1.57388	47.8974	28.3159	0.525491	1
cg07035659	0.494148	1.15591	1.15591	5.42E-07	18.2317	18.2317	7.08E-06	7.9428	7.9428	0.780793	0.943447	-1.05994	43.5549	30.0377	0.613023	1
cg25144207	0.000758508	0.406865	-2.45782	1.32E-05	4.99749	4.99749	3.76E-05	4.03296	4.03296	0.0170729	0.599143	-1.66905	42.9439	21.1095	0.436942	1
cg21538208	0.103061	0.571182	-1.75076	1.56E-06	45.0066	45.0066	4.51E-05	11.2898	11.2898	0.0261861	0.436742	-2.28968	42.329	66.1201	1.38849	1
cg21689228	0.0104734	0.506608	-1.97391	4.36E-06	9.3505	9.3505	1.04E-05	7.32505	7.32505	0.0104689	0.506578	-1.97403	37.1777	26.228	0.627091	1
cg10266211	0.945081	1.0144	1.0144	4.24E-06	9.07994	9.07994	6.85E-05	4.52962	4.52962	0.162228	0.733729	-1.3629	34.5948	23.5879	0.606073	1
cg24840099	0.338744	0.80258	-1.24598	7.58E-06	8.97586	8.97586	0.000151799	4.26118	4.26118	0.120775	0.687109	-1.45537	33.0863	26.0643	0.700239	1
cg13207326	0.115997	1.52055	1.52055	1.35E-06	34.0006	34.0006	2.00E-05	10.5937	10.5937	0.64395	1.11944	1.11944	43.6942	39.7265	0.707151	1
cg24469464	0.0721778	0.622775	-1.60572	5.88E-06	11.046	11.046	7.21E-06	10.3566	10.3566	0.520662	1.16608	1.16608	31.4394	27.7297	0.784003	1
cg11078084	0.0030187	0.355081	-2.81626	9.84E-05	5.82112	5.82112	5.68E-05	6.7109	6.7109	0.0204957	0.491137	-2.03609	29.4877	30.2912	0.91311	1
cg15092343	0.746947	1.16561	1.16561	8.82E-06	95.9932	95.9932	2.23E-05	55.9973	55.9973	0.522177	0.735623	-1.35939	28.5125	101.175	3.15419	1
cg04660422	0.0152311	0.500981	-1.99608	9.72E-05	4.98735	4.98735	0.000496313	3.53982	3.53982	0.00256172	0.379083	-2.63795	25.7639	21.945	0.757133	1
cg18849102	0.0497245	1.76896	1.76896	1.29E-05	10.323	10.323	0.000145366	5.29381	5.29381	0.85351	0.953994	-1.04822	19.4224	19.9724	0.91406	1
cg09573795	0.013426	0.40389	-2.47592	0.000110897	7.49157	7.49157	0.00165832	3.79211	3.79211	0.0150265	0.412621	-2.42353	19.2081	26.6815	1.23473	1
cg19596468	0.545698	1.21994	1.21994	2.50E-05	15.2258	15.2258	0.00049644	5.88254	5.88254	0.0929453	0.548301	-1.82381	19.1848	32.1138	1.48793	1
cg03843978	0.329874	0.83556	-1.1968	2.12E-05	4.62007	4.62007	0.00261895	2.10535	2.10535	0.0557772	0.678953	-1.47286	17.5338	8.86475	0.449404	1
cg11566977	0.380471	0.766021	-1.30545	0.779689	0.920538	-1.08632	0.0107299	2.66923	2.66923	0.0320517	0.467625	-2.13846	20.6397	27.8749	1.05042	1
cg04100843	0.149422	0.667595	-1.49791	5.03E-05	7.29627	7.29627	0.000217685	5.01307	5.01307	0.203826	0.704272	-1.41991	16.1558	17.4851	0.962026	1
cg14039306	0.000327495	2.49682	2.49682	0.000152918	0.359337	-2.7829	0.0254661	0.657979	-1.51981	0.00544195	1.77978	1.77978	15.0926	5.94009	0.349846	1
cg13882284	0.54552	1.20527	1.20527	1.98E-05	13.9851	13.9851	0.000244549	6.35979	6.35979	0.442296	0.787348	-1.27009	14.7007	21.6844	1.31116	1
cg15848031	0.0345384	0.320917	-3.11607	0.000157638	19.698	19.698	0.00310946	6.45544	6.45544	0.117511	0.456629	-2.18996	13.9009	46.807	2.99306	1
cg01785568	0.0105385	0.36928	-2.70797	0.000464877	5.49782	5.49782	0.00243029	3.69357	3.69357	0.0404694	0.48067	-2.08043	12.8357	19.4825	1.34918	1
cg17938612	0.0011405	0.235586	-4.24473	0.00150355	3.98346	3.98346	0.0141758	2.49549	2.49549	0.0108931	0.380655	-2.62705	11.5108	16.6456	1.2854	1
cg20588069	0.143465	0.536564	-1.86371	0.0222853	2.95864	2.95864	0.000537899	8.43286	8.43286	0.358594	0.688084	-1.45331	11.0503	27.4467	2.20783	1
cg22609784	0.00808894	0.359077	-2.78492	0.00421991	3.18029	3.18029	0.993108	0.997395	-1.00261	0.0126123	0.391938	-2.55142	9.55552	13.8021	1.28392	1
cg03717979	0.00511659	1.82058	1.82058	0.000133618	0.342197	-2.92229	0.21562	0.809689	-1.23504	0.0491287	1.4388	1.4388	9.06521	3.76707	0.36938	1
cg19846622	0.0944272	1.93574	1.93574	0.000121662	11.1414	11.1414	0.00117147	5.53678	5.53678	0.910362	0.960348	-1.04129	8.54001	17.4569	1.817	1
cg20161179	0.525036	1.22098	1.22098	0.00350365	0.292976	-3.41325	0.589924	0.844801	-1.18371	0.39927	1.30668	1.30668	8.26449	12.5764	1.35266	1
cg27038439	0.0960229	0.3585	-2.7894	0.00235539	10.8188	10.8188	0.0146852	5.39631	5.39631	0.0831064	0.340704	-2.9351	7.76019	38.7076	4.43375	1
cg15755084	0.000952686	0.634048	-1.57717	0.0484245	0.811677	-1.23202	0.487297	0.936785	-1.06748	0.00537881	1.40371	1.40371	7.59271	1.02959	0.120536	1
cg03199651	0.0933907	1.67212	1.67212	0.00040308	0.208618	-4.79345	0.00426385	0.344638	-2.90159	0.802718	1.07222	1.07222	7.52972	9.25459	1.09251	1
cg03335246	0.312501	1.47343	1.47343	0.0682144	2.15353	2.15353	0.00172361	5.75684	5.75684	0.703918	0.868471	-1.15145	8.72088	18.4178	1.64261	1
cg07462756	0.976717	0.983538	-1.01674	0.000776769	18.0392	18.0392	0.00244432	11.0041	11.0041	0.954509	1.03298	1.03298	6.81398	34.9134	4.55448	1
cg11932640	0.148039	0.856689	-1.16728	0.0793402	0.82354	-1.21427	0.517886	0.936744	-1.06753	0.00193875	0.645899	-1.54823	5.4528	0.858075	0.139879	1
cg22371591	0.874778	0.919559	-1.08748	0.00857075	5.94843	5.94843	0.0336201	3.74216	3.74216	0.093534	0.375015	-2.66656	4.23109	18.9477	3.98064	1
cg26615830	0.0210329	0.398063	-2.51216	0.0718936	1.94802	1.94802	0.287922	1.44219	1.44219	0.525341	0.807673	-1.23812	3.52482	6.14872	1.55058	1
cg06946371	0.781538	0.946689	-1.05631	0.0265217	0.595558	-1.6791	1.14E-07	28.5247	28.5247	0.184423	1.31975	1.31975	37.9711	23.3548	0.546727	1
cg25998402	0.145928	1.42301	1.42301	2.04E-06	0.0709559	-14.0933	0.000160291	4.2941	4.2941	0.387822	1.22143	1.22143	27.2911	22.0734	0.718946	1
cg02365742	0.0504387	0.614712	-1.62678	0.272304	1.28322	1.28322	0.00013521	4.2307	4.2307	0.506424	1.1585	1.1585	25.612	19.3203	0.67053	1
cg24062536	0.0732512	1.54768	1.54768	0.0206428	1.83942	1.83942	0.0224514	0.54998	-1.81825	0.0214105	0.546396	-1.83018	20.5063	15.5261	0.673014	1
cg01960016	0.807322	0.946064	-1.05701	0.0633511	0.622627	-1.6061	5.19E-05	5.57294	5.57294	0.0905376	1.52682	1.52682	19.5351	15.9313	0.724905	1
cg20563910	0.034069	0.763042	-1.31054	0.000443313	0.545356	-1.83366	2.33E-05	2.52039	2.52039	0.0211143	0.738448	-1.35419	17.2053	3.25754	0.168296	1
cg26615160	0.203401	1.38541	1.38541	0.420459	0.818848	-1.22123	0.0955728	1.55983	1.55983	0.00746352	2.30823	2.30823	8.50592	7.94297	0.830059	1
cg27096144	0.927951	1.01667	1.01667	0.0890505	0.709781	-1.40889	0.000112555	3.45673	3.45673	0.00791373	1.86376	1.86376	7.79405	4.12456	0.470394	1
cg23148467	0.140167	1.54951	1.54951	0.443305	0.805995	-1.2407	0.00264241	3.15194	3.15194	0.0228602	2.11996	2.11996	6.34368	7.64986	1.07191	1
cg12387713	0.53385	0.812217	-1.2312	0.834977	1.07128	1.07128	0.00624478	3.24283	3.24283	0.00131959	4.6759	4.6759	5.35394	9.2391	1.53392	1
cg01148731	0.00259864	10.3731	10.3731	0.301968	1.82127	1.82127	0.726988	1.21715	1.21715	0.505888	0.684934	-1.45999	5.18373	25.8048	4.42492	1
cg17156565	0.665692	0.936208	-1.06814	0.0890736	0.752504	-1.3289	0.00184856	1.95479	1.95479	0.184632	1.23784	1.23784	4.62918	1.68585	0.323715	1
cg15123984	0.169171	0.66599	-1.50152	0.0279097	0.486296	-2.05636	3.03E-06	21.8586	21.8586	0.0466832	1.8815	1.8815	18.0996	22.0753	1.08414	1
cg12243537	0.000952632	0.601039	-1.66379	0.0742318	1.22834	1.22834	2.79E-06	0.313056	-3.19432	0.0638744	0.806263	-1.24029	44.4824	7.53045	0.150481	1
cg21502786	0.125684	0.721701	-1.38562	0.00632198	0.496678	-2.01338	3.72E-07	17.7098	17.7098	0.118394	1.39606	1.39606	31.8862	19.5611	0.545304	1
cg18393046	0.0117751	2.14286	2.14286	0.00268816	0.366066	-2.73175	1.03E-05	9.8452	9.8452	0.979485	1.00625	1.00625	20.6049	19.1529	0.826251	1
cg21934311	0.866672	0.967259	-1.03385	0.370143	0.833326	-1.20001	9.85E-06	6.56857	6.56857	0.930854	0.982954	-1.01734	17.8304	11.0836	0.552546	1
cg09123473	0.000520601	6.397	6.397	0.65539	0.857221	-1.16656	0.000961342	5.39994	5.39994	0.458651	1.29538	1.29538	13.0525	24.3165	1.65598	1
cg11035202	0.0391917	0.69215	-1.44477	0.367709	0.86704	-1.15335	0.00443094	1.79595	1.79595	0.0118096	1.62383	1.62383	12.6554	4.76531	0.334705	1
cg00509108	0.0105683	3.35091	3.35091	0.000209073	10.3028	10.3028	0.0072872	3.67376	3.67376	0.0485601	2.33307	2.33307	7.06947	15.8283	1.9902	1
cg04436255	0.014379	14.5064	14.5064	0.00114468	69.301	69.301	0.00486494	27.3662	27.3662	0.0111617	16.7663	16.7663	6.07122	75.5531	11.0617	1
cg18438944	0.0319178	27.6149	27.6149	0.00148858	422.934	422.934	0.00607857	113.076	113.076	0.0103988	70.726	70.726	5.52448	152.425	24.5252	1
cg01110759	0.0644912	14.0572	14.0572	0.0015417	329.374	329.374	0.009623	64.765	64.765	0.0187071	37.5823	37.5823	4.81906	123.612	22.8005	1
cg09137696	0.0402151	19.4988	19.4988	0.0034689	144.304	144.304	0.0165684	39.1599	39.1599	0.0246636	28.5783	28.5783	4.31746	107.381	22.1079	1
cg00425710	0.0616897	1.77432	1.77432	0.00662707	2.61226	2.61226	0.0121847	2.34231	2.34231	0.100802	1.63183	1.63183	4.23798	4.98285	1.04512	1
cg03923438	0.0424489	1.50301	1.50301	0.00559902	1.88575	1.88575	0.877605	1.02724	1.02724	0.313903	0.833921	-1.19915	4.15306	2.00003	0.428072	1
cg06343774	0.102226	0.30537	-3.27472	0.019013	0.15209	-6.57507	0.0357157	0.197679	-5.05871	0.0415417	0.210389	-4.7531	3.58577	24.9842	6.19341	1
cg02263813	0.0434291	7.04964	7.04964	0.00880318	16.5258	16.5258	0.0321547	8.24983	8.24983	0.0501933	6.53648	6.53648	3.38996	37.9623	9.95419	1
cg17386181	0.876745	1.01859	1.01859	0.00188761	1.68643	1.68643	0.040342	0.755033	-1.32444	0.364563	1.11688	1.11688	14.9516	3.33335	0.198171	1
cg03655527	0.830278	1.01882	1.01882	0.000342612	1.6499	1.6499	0.0693021	0.838211	-1.19302	0.0125848	1.30929	1.30929	11.8938	1.42083	0.106186	1
cg26640547	0.0895516	1.49213	1.49213	0.687802	1.09021	1.09021	0.00415995	2.27329	2.27329	0.717147	0.925163	-1.08089	10.4953	7.59845	0.643544	1
cg08942052	0.0112386	0.688303	-1.45285	0.00168115	1.69572	1.69572	0.174671	0.843845	-1.18505	0.0737139	0.791001	-1.26422	7.35632	1.61136	0.194706	1
cg27383124	0.112091	0.434649	-2.30071	0.0595076	0.359035	-2.78524	0.190533	0.51294	-1.94955	0.116517	0.439833	-2.27359	3.40411	12.5047	3.26527	1
cg07835270	1.33E-05	0.248937	-4.01708	9.43E-06	0.233185	-4.28843	0.000167565	0.376782	-2.65406	0.0123008	0.621903	-1.60797	41.7599	15.3504	0.326744	1
cg01455366	0.0611991	2.05095	2.05095	0.000194064	8.46093	8.46093	0.0124951	2.88105	2.88105	0.025429	2.4706	2.4706	8.29659	15.2352	1.63228	1
cg00381622	0.0212977	2.1229	2.1229	0.347107	0.768491	-1.30125	0.00930853	2.453	2.453	0.0240786	2.07877	2.07877	7.04497	8.25433	1.04148	1
cg10417218	0.00084632	2.28856	2.28856	0.00496762	1.84724	1.84724	0.00728895	1.77012	1.77012	0.331494	1.17979	1.17979	6.33096	2.73025	0.383336	1
cg05799507	0.0296081	17.7849	17.7849	0.00203707	132.657	132.657	0.00449267	70.6203	70.6203	0.0130671	31.8245	31.8245	5.61402	112.314	17.7831	1
cg02898915	0.0631096	4.38401	4.38401	0.00303094	17.6801	17.6801	0.00607217	12.5938	12.5938	0.0176485	7.69756	7.69756	4.9671	39.3252	7.03745	1
cg06182274	0.05519	4.79845	4.79845	0.00333742	17.851	17.851	0.013272	9.15227	9.15227	0.0182996	7.89331	7.89331	4.81359	39.683	7.32796	1
cg09477740	0.0250856	5.61902	5.61902	0.0113264	7.8004	7.8004	0.0210341	6.03711	6.03711	0.0208033	6.06439	6.06439	4.02788	26.7685	5.90737	1
cg07912888	0.132142	1.737	1.737	0.00382249	3.76238	3.76238	0.278358	1.46667	1.46667	0.466472	1.28634	1.28634	3.565	6.51858	1.62532	1
cg03585823	0.685799	0.925079	-1.08099	0.593481	1.10868	1.10868	0.00876227	0.527667	-1.89513	0.0530809	0.65649	-1.52325	4.01595	2.33186	0.516133	1
cg09174870	0.00808425	0.49129	-2.03546	0.0360897	0.600037	-1.66656	0.00302712	2.34307	2.34307	0.682993	0.917562	-1.08984	12.081	8.40051	0.61809	1
cg05958050	0.0358149	4.82698	4.82698	0.00104902	22.769	22.769	0.00708355	9.41962	9.41962	0.0260285	5.48839	5.48839	5.9058	38.858	5.84857	1
cg02590366	0.0773055	0.55158	-1.81297	0.0552105	0.517647	-1.93182	0.783979	1.08681	1.08681	0.395184	0.768119	-1.30188	5.0092	7.28121	1.29206	1
cg01507019	0.115089	0.543116	-1.84123	0.982684	0.992298	-1.00776	0.0118144	3.06512	3.06512	0.365957	1.39227	1.39227	3.60557	7.24882	1.78707	1
cg26937772	0.0821463	0.402986	-2.48147	0.0259276	0.287156	-3.48243	0.0208418	0.269143	-3.7155	0.0916591	0.416272	-2.40228	3.42148	12.0674	3.13507	1
cg08293392	0.228442	1.09151	1.09151	2.24E-06	2.22813	2.22813	0.596837	0.963697	-1.03767	0.116678	1.12533	1.12533	19.4009	1.47439	0.067552	1
cg04924185	0.0172128	7.22839	7.22839	0.00139846	23.44	23.44	0.00781676	10.2445	10.2445	0.0208515	6.65421	6.65421	6.28831	46.2541	6.53829	1
cg17545418	0.0267577	7.39014	7.39014	0.00116568	37.8509	37.8509	0.00562211	15.9648	15.9648	0.00666291	14.6324	14.6324	6.17138	56.7771	8.17784	1
cg19214300	0.503535	1.11719	1.11719	0.000492913	2.43698	2.43698	0.0312142	1.51088	1.51088	0.109652	1.32938	1.32938	5.6411	2.38095	0.375175	1
cg00809164	0.00577483	7.02176	7.02176	0.000174496	30.9493	30.9493	0.091335	2.72376	2.72376	0.0118718	5.43274	5.43274	8.29715	38.1604	4.08819	1
cg10506097	0.137086	2.56124	2.56124	0.00137991	15.2459	15.2459	0.912754	1.06648	1.06648	0.0116887	6.36209	6.36209	4.42955	24.1963	4.85554	1
cg10638827	0.0362071	0.587908	-1.70095	0.00217422	0.391378	-2.55508	0.0102061	0.493433	-2.02662	0.0100848	0.492594	-2.03007	5.469	4.11986	0.66961	1
cg02132560	0.11531	1.73047	1.73047	0.0259602	2.33181	2.33181	0.0509279	2.03856	2.03856	0.114183	1.73394	1.73394	3.76537	6.11828	1.44434	1
cg08917795	0.470791	1.2927	1.2927	0.0463705	0.450003	-2.2222	0.229432	0.643196	-1.55474	0.0592352	0.474599	-2.10704	7.12446	13.8172	1.72391	1
cg15473868	0.230724	0.596076	-1.67764	0.0109013	0.268427	-3.72541	0.0129393	0.280959	-3.55923	0.0111991	0.270368	-3.69867	7.06948	18.9605	2.38402	1
cg26802333	0.0308508	0.736773	-1.35727	0.0398721	0.751087	-1.3314	0.0104195	1.47494	1.47494	0.0280133	1.36716	1.36716	6.52679	1.50064	0.204373	1
cg01190915	0.287857	0.858883	-1.1643	0.115985	0.790164	-1.26556	0.00128534	0.523648	-1.90968	0.701636	1.0545	1.0545	3.93069	1.18312	0.267551	1
cg26651122	0.0526692	1.72265	1.72265	0.686707	1.10529	1.10529	0.00159377	3.06046	3.06046	0.438796	1.21528	1.21528	3.63744	3.51184	0.858195	1
cg16737422	0.72251	0.88491	-1.13006	?	?	?	0.472536	0.775542	-1.28942	0.00114314	0.0694242	-14.4042	23.459	12.5652	0.714167	1
cg08795279	0.424709	1.1365	1.1365	0.0016546	0.49329	-2.0272	2.44E-06	6.01473	6.01473	3.64E-06	5.4868	5.4868	39.015	15.2209	0.346783	1
cg16393726	0.0347013	0.725384	-1.37858	0.0269464	0.710604	-1.40725	0.0121447	1.50325	1.50325	0.020503	1.43913	1.43913	13.3641	3.59918	0.239392	1
cg08270206	?	?	?	0.758511	1.09312	1.09312	0.00234312	3.65054	3.65054	0.014058	2.47217	2.47217	4.31013	4.32931	1.00445	1
cg02552572	0.752265	1.05947	1.05947	0.0161267	1.71091	1.71091	0.206693	0.784323	-1.27498	0.0884662	0.70975	-1.40895	7.7378	4.07784	0.468447	1
cg05365825	1.45E-05	0.21743	-4.59919	0.622878	0.91957	-1.08746	0.435279	1.14414	1.14414	0.0126034	0.591708	-1.69002	17.8719	8.09966	0.402851	1
cg11113759	0.03101	1.33698	1.33698	0.0557808	1.28216	1.28216	9.28E-06	2.99929	2.99929	0.00243264	1.62253	1.62253	15.7681	3.28495	0.185182	1
cg05834191	0.340378	0.856826	-1.1671	0.0583733	1.39986	1.39986	0.731156	0.947205	-1.05574	0.175729	1.2541	1.2541	11.3907	4.4617	0.348174	1
cg15895505	0.0967043	0.748889	-1.33531	0.101331	0.752398	-1.32908	0.819709	1.03687	1.03687	0.0168061	0.629593	-1.58833	10.6523	4.24253	0.354022	1
cg04514868	0.0413881	1.46403	1.46403	2.56E-05	3.86796	3.86796	0.752619	0.950053	-1.05257	0.439992	0.880193	-1.13611	10.2776	4.27401	0.369652	1
cg23413396	0.742551	0.950291	-1.05231	0.00106734	0.473317	-2.11275	0.027469	1.4969	1.4969	0.0166119	0.636058	-1.57218	7.95799	3.01574	0.336851	1
cg01655777	0.682472	1.15796	1.15796	0.0916748	1.93895	1.93895	0.20289	1.61493	1.61493	0.0466327	2.2532	2.2532	7.77798	15.6605	1.78973	1
cg01769288	0.01603	1.44585	1.44585	0.00087879	1.86604	1.86604	0.246609	1.16363	1.16363	0.707821	1.04822	1.04822	7.21203	1.78688	0.220234	1
cg23123838	0.896271	0.981633	-1.01871	0.43958	0.89402	-1.11854	0.000989381	2.0049	2.0049	0.401865	1.12968	1.12968	6.29413	2.01335	0.284336	1
cg24727433	0.00125966	2.27681	2.27681	0.00108416	2.32315	2.32315	0.234875	1.24307	1.24307	0.299268	0.828613	-1.20684	6.29083	3.04272	0.429934	1
cg01318265	0.0315925	0.516067	-1.93773	0.57116	1.16208	1.16208	0.709002	1.10339	1.10339	0.0777196	0.597762	-1.67291	6.24724	6.81535	0.969724	1
cg18388431	0.00530782	0.521457	-1.9177	0.00526545	1.91956	1.91956	0.1107	1.36074	1.36074	0.144565	0.75749	-1.32015	6.14597	3.05744	0.442196	1
cg27055366	0.919339	0.985373	-1.01484	0.123616	1.27457	1.27457	0.747153	0.954034	-1.04818	0.585282	0.92297	-1.08346	5.15452	1.72755	0.297914	1
cg23665216	0.0298267	0.396591	-2.52149	0.766623	1.11369	1.11369	0.548555	1.2456	1.2456	0.0130842	0.328404	-3.04503	4.81785	9.98689	1.84257	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg16123211	MTA1	0.0200851	1.78442	1.4534	1.4534	0.679423	1.11481	1.11481	0.827317	0.944527	1.05873	0.626291	1.13695	1.13695	0.511746	0.840258	0.110011	0.658841	1.12406	1.12406	0.0205202841	1.61688	0.41688	0.0245426	2.0148	2.0148	0.0673976	1.70918	4.09778	5.08029	0.962667	1
cg05333753	MTA1	0.0202272	0.0270583	0.356874	-2.80211	0.4089883	2.53066	2.53066	0.311001	1.51083	1.51083	0.659652	1.19062	1.19062	0.294561	0.651831	1.53414	0.0228642	0.342333	2.92113	0.00866049	0.267823	-3.7338	0.197707	1.70918	1.70918	0.150601	0.545248	-1.83403	4.68553	11.5034	2.18183	1
cg26338030	MTA1	0.0209908	0.565091	1.35514	1.35514	0.00066032	15.2678	15.2678	0.0218869	4.2093	4.2093	0.594203	1.32445	1.32445	0.117952	0.411183	0.242819	0.764376	1.17009	1.17009	0.496052	1.43502	1.43502	0.851016	1.10324	1.10324	0.747402	0.844624	-1.18396	4.62772	20.0142	3.844312	1
cg26120279	MTA1	0.0213418	0.00251918	0.142452	-7.0191	0.0279336	0.298178	-3.35425	0.071675	0.398357	-2.54546	0.955092	1.02651	1.02651	0.00315451	0.153463	6.51622	0.107346	0.441978	-2.26224	0.567477	0.764533	-1.30799	0.261503	0.340473	-1.72273	0.0668669	0.385038	-2.59714	4.60157	15.7291	3.038461	1
cg09230661	MTA1	0.025263	0.452476	0.751079	-1.33142	0.6546989	2.172722	2.172722	0.831864	0.923566	-1.08276	0.857448	1.06955	1.06955	0.0195377	0.348043	2.87321	0.00241605	0.205992	-4.85456	0.0940205	0.502292	-1.99087	0.676114	0.854594	-1.17015	0.0627737	0.457029	-2.18804	4.34139	9.61664	1.96898	1
cg09255034	MTA1	0.0276914	0.794162	0.937151	-1.06706	0.4275671	0.817842	-1.22273	0.724298	0.918389	-1.08839	-1.09319	0.174496	1.43534	1.43534	0.042048	0.55903	0.738831	0.782959	-1.27721	0.00104514	0.299852	-3.13498	0.40283	1.23681	1.23681	0.126245	0.663202	-1.50784	4.20415	4.1034	0.867587	1
cg04957209	MTA1	0.0310621	0.234683	0.756151	-1.32249	0.0483142	1.65915	1.65915	0.00225772	2.60916	2.60916	0.815616	1.05381	1.05381	0.25182	0.764427	-1.30817	0.0684107	1.58059	1.58059	0.490893	0.854693	-1.17001	0.259455	1.3021	1.3021	0.482811	0.852102	-1.17357	4.05523	3.23387	0.70885	1
cg20300135	MTA1	0.0426944	0.152357	1.10043	1.10043	0.0405448	0.666294	-1.4971	0.0594005	0.694459	-1.43997	0.57479	0.907444	-1.1027	0.686773	0.932898	-1.07193	0.865747	1.02942	1.02942	0.391738	1.26719	1.26719	0.06627929	0.543236	-1.84082	0.309345	1.19754	1.19754	1.59537	1.6758	0.413321	1
cg27156542	MTA1	0.042961	0.629751	0.804392	-1.24313	0.6466584	1.229775	1.229775	0.594247	1.37243	1.37243	0.810135	1.13996	1.13996	0.0136602	0.321429	0.401283	0.864108	1.09363	1.09363	0.0161638	0.426188	1.43922	1.43922	0.0161638	0.426188	1.43922	0.0161638	0.426188	1.43922	0.0161638	0.426188	1.43922	1
cg18182566	MTA1	0.0461886	0.112505	0.38369	-2.60627	0.0304199	4.09816	4.09816	0.0768706	2.97669	2.97669	0.178018	2.21114	2.21114	0.224237	0.492704	-2.02962	0.491121	0.678588	-1.47365	0.0255165	0.229583	-4.35573	0.96244	1.02645	1.02645	0.1632	0.438163	-2.28226	3.49122	16.9968	4.32751	1
cg31146173	MTA1;MTA1	0.0953316	0.393687	1.58337	1.58337	0.0146653	2.82132	2.82132	0.0222319	3.95841	3.95841	0.83748	1.02015	1.02015	0.0027344	0.197314	0.740234	0.740227	1.22776	1.22776	0.0344393	0.56098	1.54598	1.54598	1.00221106	1.44082	1.44082	1.00221106	1.44082	1.44082	1.00221106	1.44082	1.44082	1
cg09086761	MTA2	0.00397909	0.91246	0.985538	-1.01467	0.181296	1.20683	1.20683	0.486968	0.910682	-1.09808	0.0243426	1.42689	1.42689	0.0148302	0.878312	-1.13855	0.000235599	0.445989	-2.24221	0.0157968	0.675883	-1.47955	0.0925565	0.784416	-1.27483	0.134869	1.23804	1.23804	2.85588	2.18588	0.247047	1
cg14935301	MTA2	0.0147303	0.00750858	0.319438	-3.12989	0.0143865	2.61911	2.61911	0.596866	0.843542	-1.18575	0.0707105	0.524858	-1.90528	0.134643	0.599208	-1.66887	0.396707	0.735842	-1.35919	0.0137848	0.538426	-1.85732	0.642532	0.637601	1.5684	0.0224	0.637601	1.5684	0.0224	0.637601	1.5684	0.0224	1
cg05619622	MTA2	0.0218655	0.679489	0.863898	-1.15756	0.2979332	0.504206	-1.98332	0.0760593	0.498999	-2.00401	0.6687819	2.04878	2.04878	0.152382	0.517573	1.71573	0.519853	0.793846	-1.25969	0.00265736	0.231391	-4.32168	0.801993	1.09251	1.09251	0.0359075	0.423376	-2.36397	4.56353	8.9625	1.74573	1
cg19570317	MTA2	0.0483611	?	?	?	0.554406	0.733492	-1.36334	0.0488537	0.311641	-3.20882	?	?	?	0.608717	1.3083	1.30683	0.0055033	0.150849	-6.62415	0.336188	1.67193	1.67193	0.970901	0.981272	-1.01909	0.199039	2.02056	2.02056	1.51467	11.7348	3.78189	1
cg06342490	MTA3	0.0028756	0.288113	1.18499	1.18499	0.0090842	2.12542	2.12542	0.0249446	1.64046	1.64046	0.146131	0.0127473	0.605044	-1.44834	0.65117	0.949077	-1.05599	0.573769	1.0704	1.0704	0.723865	1.04337	0.000390035	0.508264	-1.96748	0.135777	0.825797	-1.21095	8.71948	3.97851	0.201695	1
cg23859635	MTA3	0.0106326	0.0559334	1.69909	1.69909	0.408705	1.22981	1.22981	0.01765	2.02714	2.02714	0.00148116	3.07253	3.07253	0.242012	1.34955	1.34955	0.279667	0.759477	-1.3167	0.806384	0.941658	-1.06196	0.196823	1.3966	1.3966	0.00201545	2.90524	2.90524	5.79552	5.50059	0.843653	1
cg25783099	MTA3	0.0249828	0.0657209	1.35862	1.35862	0.860605	0.916524	-1.09179	0.161223	1.24863	1.24863	0.0248401	1.86637	1.86637	0.272337	1.19476	1.19476	0.403607	1.1352	1.1352	0.570608	0.916524	-1.09179	0.0997182	1.45462	1.45462	0.00591554	1.70627	1.70627	4.19328	1.52009	0.310029	1
cg14548963	MTAP	0.0265705	0.0306007	0.469292	-2.16934	0.116031	0.594117	-1.68317	0.00444168	0.314415	-3.18051	0.0826513	0.556606	-1.7966	0.0091862	0.364854	-2.74082	0.518632	0.819172	-1.22074	0.0246089	0.442222	-2.2613	0.135753	0.612586	-1.63243	0.0156648	0.405336	-2.46709	4.26557	6.277119	1.30808	1
cg17109706	MTBP	0.0260858	0.13729	0.791826	-1.26239	0.0143865	2.61911	2.61911	0.596866	0.843542	-1.18575	0.0707105	0.524858	-1.90528	0.134643	0.599208	-1.66887	0.396707	0.735842	-1.35919	0.0137848	0.538426	-1.85732	0.0077327	0.637601	1.5684	0.0224	0.637601	1.5684	0.0224	0.637601	1.5684	0.0224	1
cg09168036	MTBP;MRPL13	0.00329465	0.266439	1.2761	1.2761	0.00910759	2.00907	2.00907	0.0647022	1.54789	1.54789	0.000332148	0.295341	-3.38592	0.490109	1.15906	1.15906	0.453079	0.851342	-1.17462	0.0120779	0.51739	-1.93278	0.347252	0.815634	-1.22604	0.227514	1.30571	1.30571	3.32282	5.84421	0.624171	1
cg00675313	MTBP;MRPL13	0.0112476	0.0262127	0.233559	-4.28157	0.0018278	0.0868893	-11.5089	0.0129425	0.182461	-5.48063	0.313031	0.562441	-1.77797	0.0217605	0.218973	-4.56677	0.106235	0.378004	-2.64547	0.0059245	0.13173	-7.59131	0.00585564	0.136785	-7.31076	0.171299	0.447875	-2.23276	5.69152	27.4132	4.28154	1
cg14806103	MTBP;MRPL13	0.0158218	0.0394632	0.4443	-2.25048	0.1602135	1.156227	1.156227	0.0322657	2.10875	2.10875	0.0894984	1.62045	1.62045	0.0299617	0.616742	-1.62135	0.422224	1.08258	1.08258	0.0991572	0.658879	-1.51773	0.0137902	1.3426	1.3426	0.638365	1.04688	1.04688	0.0147426	1.63482	0.24337	1
cg02502299	MTBP;MRPL13;MRPL13	0.0293982	0.282072	0.798208	-1.25281	0.0165758	0.554298	-1.80409	0.464731	0.860685	-1.16186	0.00790089	0.503104	-1.98766	0.861148	0.963516	-1.03593	0.607861	1.10999	1.10999	0.039602	1.61582	1.61582	0.58081	1.11902	1.11902	0.0866695	1.46455	1.46455	4.11631	2.65031	0.572317	1
cg00734993	MTCH1	0.0100572	0.161572	1.62063	1.62063	-1.21556	0.0248042	0.678284	1.23123	1.73323	0.604289	0.798053	-1.25164	0.912651	1.08817	0.10401	1.17003	1.17003	0.181708	0.970197	1.11912	1.5305	1.92808	0.183077	0.882833	-1.13292	0.544079	0.9472	-1.05574	0.977734	1.2333	0.109871	1
cg16219404	MTCH1	0.0125406	0.634556	0.936983	-1.06725	0.0980132	1.72982	1.72982	0.335547	1.39463	1.39463	0.804525	0.966854	-1.03428	0.00442283	0.596709	-1.67586	0.006475	0.637608	-1.61794	0.107752	0.787747	-1.26944	0.200418	1.20182	1.20182	0.134591	1.14149	1.14149	4.59243	1.60785	0.260127	1
cg04439696	MTCH1	0.0267598	0.267651	0.874026	-1.14413	0.1124094	0.817529	-1.2232	0.670225	0.951279	-1.05122	0.296921	1.13439	1.13439	0.427244	0.909811	-1.09913	0.530478	1.07691	1.07691	0.000745414	0.550557	-1.81634	0.487743	1.08568	1.08568	0.3633112	1.11509	1.11509	4.25497	0.916246	0.191409	1
cg28890727	MTCH1	0.0165949	0.0271404	0.816949	-1.22444	0.0248042	0.666294	-1.4971	0.0594005	0.694459	-1.43997	0.57479	0.907444	-1.1027	0.686773	0.932898	-1.07193	0.865747	1.02942	1.02942	0.391738	1.26719	1.26719	0.06627929	0.543236	-1.84082	0.309345	1.19754	1.19754	1.59537	1.6758	0.413321	1
cg25254170	MTCH1	0.0187242	0.385871	0.72688	-1.37574	0.0386399	1.36194	1.36194	0.104794	1.10494	1.10494	0.214916	0.24916	0.0055775	3.69252	3.69252	0.184731	1.10494	1.10494	1.10494	0.050777	0.222422	0.222442	0.333452	0.690977	-1.43046	0.255653	1.53086	1.53086	0.565483	0.881819	-1.2318	1.372728	1.60143	1.8128	1
cg25152200	MTCH1	0.0488868	0.0557433	0.744733	-1.34275	0.0451377	0.54921	-1.82109	0.0414569	0.554757	-1.80251	0.0222502	0.435125	0.0167534	0.108653	0.54921	1.82063	0.316036	0.816534	0.816534	0.0850652	0.644996	1.55035	1.55035	1.16884	1.16884	1.55035	1.16884	1.16884	1.55035	1.16884	1.16884	1.55035	1.16884	1
cg11.9970728	MTCH2	0.0225625	?	?	?	0.610288	1.23012	1.23012	0.292908	0.643034	-1.55513	0.00194481	0.154496	-6.47266	?	?	?	0.716371	0.863359	-1.15827	0.101665	0.481272	-2.07783	0.0801822	2.21198	2.21198	0.322994	1.51111	1.51111	5.19407	10.1429	1.95278	1
cg01459777	MTCH2	0.0251959	0.861134	1.02201	1.02202	1.189436	0.8412	-1.18878	0.682655	0.950147	-1.05247	0.31406	1.13829	1.13829	0.0655257	0.773348	-1.29308	0.193266	1.18681	1.18681	0.0111193	0.550117	-1.8178	0.227387	1.17075	1.17075	0.736525	1.0429	1.0429	4.34541	1.06511	0.217876	1
cg07304015	MTCP1	0.0254805	0.0207282	0.19418	-5.14733	0.0018278	0.0868893	-11.5089	0.0129425	0.182461	-5.48063	0.313031	0.562441	-1.77797	0.0217605	0.218973	-4.56677	0.106235	0.378004	-2.64547	0.0059245	0.13173	-7.59131	0.00585564	0.136785	-7.31076	0.171299	0.447875	-2.23276	5.69152	27.4132	4.28154	1
cg10475690	MTCP1NB;MTCP1	0.0439841	0.154389	0.619238	-1.61489	0.0010623	0.21842	-4.57834	0.00678294	0.331868	-3.01325	0.0101069	0.360516	-2.7738	0.000590014	0.188499	-5.30506	0.208935	0.923571	-1.08275	0.861049	0.94641	-1.05662	0.5611	0.83131	-1.20292	0.0158617	0.395014	-2.53155	7.63037	11.9436	1.39136	1
cg02815999	MTCP1NB;MTCP1	0.0130487	0.0297328	0.284168	-3.52346	0.0018278	0.0868893	-11.5089	0.0129425	0.182461	-5.48063	0.313031	0.562441	-1.77797	0.0217605	0.218973	-4.56677	0.106235	0.378004	-2.64547	0.0059245	0.13173	-7.59131	0.00585564	0.136785	-7.31076	0.171299	0.447875	-2.23276	5.69152	27.4132	4.28154	1
cg01873391	MTDH	0.000204419	0.00215713	0.327014	-3.05798	0.1955949	1.700999	-1.42653	7.47E-06	0.077398	-12.9202	0.0026555	0.340245	-2.93906	8.12E-05	0.158069	-6.32634	0.00440001	0.372784	2.68252	0.0980651	0.624417	-1.60149	0.0990046	0.429619	-2.32764	0.0451733	0.550794	-1.81556	18.2626	19.4799	0.94814	1
cg19053929	MTERF	0.00526471	0.879606	1.0469	1.0469	0.000818939	0.217614	-4.59529	0.00298838	0.291848	-3.42644	0.511663	1.22295	1.22295	0.021892	0.43533	-2.29711	0.989446	1.00401	1.00401	0.677112	1.13499	1.13499	0.80435	0.927695	-1.07794	0.00269213	0.285357	-3.50438	7.22375	10.4609	1.28723	1
cg03374862	MTERF	0.0150656	0.142234	0.675252	-1.48052	0.0752247	0.746346	-1.33974	0.0442453	0.661744	-1.51114	0.0170147	0.492543	-2.03044	0.0013624	0.317482	-3.14907	0.027844	0.767316	1.30304	0.0095977	0.600026	-1.66659	0.0068136	0.587307	-1.70248	0.0096477	0.529252	1.88965	0.0265101	0.274745	3.63851	0.277705	1
cg07785046	MTERF	0.0168878	0.105676	0.637029	-1.56979	0.170441	0.689037	-1.4513	0.0552395	0.574385	-1.74099	0.00655532	0.406163	-2.46206	0.00403823	0.540569	-2.82959	0.53088	0.850476	-1.17581	0.0025182	0.342907	-2.91906	0.0994096	0.429619	-2.32764	0.0451733	0.550794	-1.81556	18.2626	19.4799	0.94814	1
cg03872641	MTERF	0.0119924	0.0211993	0.21	-4.76191	0.0018278	0.0868893	-11.5089	0.0129425	0.182461	-5.48063	0.313031	0.562441	-1.77797	0.0217605	0.218973	-4.56677	0.106235	0.378004	-2.64547	0.0059245	0.13173	-7.59131	0.00585564	0.136785	-7.31076	0.171299	0.447875	-2.23276	5.69152	27.4132	4.28154	1
cg19109130	MTERFD1	0.00836199	0.00663161	0.136314	-2.97341	0.000610075	0.195323	-5.11971	0.0095163	0.362105	-2.76163	0.320246	0.727868	-1.37388	0.0819318	0.550936	-1.81509	0.993549	0.997503	-1.0025	0.0179651	0.401967	-2.49329	0.451017	0.78859	-1.26809	0.0145275	0.394113	-2.53734	6.25628	9.47728	1.34653	1
cg18231144	MTERFD1	0.0176904	0.160954	0.62409	-1.59782	0.0729596	0.543413	-1.83981	0.0411888	0.552757	-1.80955	0.0222502	0.435125	0.0167534	0.108653	0.54921	1.82063	0.316036	0.816534	0.816534	0.0850652	0.644996	1.55035	1.55035	1.16884	1.16884	1.55035	1.16884	1.16884	1.55035	1.16884	1.16884	1.55035	1.16884	1
cg00317680	MTERFD1;PTDSS1	0.0168207	0.380963	0.88015	-1.15205	0.00492157	0.515768	1.94236	0.872665	0.974723	-1.02593	0.0319479	0.669519	-1.49361	0.0207852	0.564337	-1.55924	0.00579312	0.561612	-1.78059	0.879123	0.912105	1.02459	0.883456	1.35761	1.35761	0.0915533	0.691033	0.21227	15.8866			
cg18913729	MTERFD1;PTDSS1	0.0352614	0.0734672	0.814988	-1.22701	0.717503	1.03795	1.03795	0.39611	1.09317	1.09317	0.6681683	0.811098	-1.2329	0.0393919	1.27673	1.27673	0.705798	0.961869	-1.03964	0.0132665	0.730078	-1.36972	0.50483	1.07184	1.07184	0.0564363	1.24783	1.24783	3.85673	0.641875	0.147938	1
cg14219854	MTERFD1;PTDSS1	0.0174954	0.124941	0.399224	-2.50602	0.408375	2.45155	2.45155	0.090028	2.80947	2.80947	0.619648	1.46741	-1.21992	0.0130768	0.457996	-2.18344	0.132151	0.407406	-2.45455	0.0089982	0.165033	-6.05939	0.0625446	0.313874	-3.18599	0.0165403	0.441329	-2.26588	3.85673	17.5649	4.30291	1
cg14454796	MTERFD2;MTERFD2;SNED1;MTERFD2	9.68E-05	0.774863	1.05211	1.05211	0.00980224	1.78312	1.78312	0.0701254	0.698625	-1.43138	0.00226257	0.469186	-2.13135	3.59E-06	0.145837	-6.85696	0.459038	0.874991	-1.14287	0.00117602	2.32395	2.32395	0.859247	1.03194	1.03194	0.763825	1.05482	1.05482	22.3363	11.099	0.441692	1
cg19390934	MTERFD2;SNED1;MTERFD2;MTERFD2	0.023507	0.0517437	1.73264	1.73264	1.30628	1.49976	1.49976	0.302131	0.765889	-1.30197	0.0251872	1.93669	1.93669	0.277736	0.916882	-1.09065	0.219232	0.736138	-1.35799	0.118264	1.52362	1.52362	0.00379217	2.63693	2.63693	0.0326293	1.86043	1.86043	4.45124	4.34583	0.86784	1
cg12758451	MTERFD3;MTERFD3	0.0377396	0.102271	0.803497	-1.24473	0.0546653	2.38232	2.38232	0.0222319	3.95841	3.95841	0.83748	1.02015	1.02015	0.0027344	0.197314	0.740234	0.740227	1.22776	1.22776	0.0344393	0.56098	1.54598	1.54598	1.00221106	1.44082	1.44082	1.00221106	1.44082	1.44082	1.00221106	1.44082	1.44082	1
cg14135757	MTERFD3;MTERFD3	0.0235961	0.3221644	0.874579	-1.14341	0.244858	0.852651	-1.17281	0.632496	1.06517	1.06517	0.0417875	1.35998	1.35998	0.177364	1.20666	1.20666	0.0347391	1.38061	1.38061	0.00292432	0.585267	-1.70862	0.871169	1.0215	1.0215	0.408524	0.895144	-1.11714	4.44543	1.20888	0.241723	1
cg26466513	MTERFD3;MTERFD3	0.0146875	0.4219921	0.834345	-1.19862	0.2229781	0.8412	-1.18878	0.682655	0.950147	-1.05247	0.31406	1.13829	1.13829	0.0655257	0.773348	-1.29308	0.193266	1.18681	1.18681	0.0111193	0.550117	-1.8178	0.227387	1.17075	1.17075	0.736525	1.0429	1.0429	4.34541	1.06511	0.217876	1
cg07730007	MTERFD3;MTERFD3	0.0396932	0.350671	-1.3298	1.31298	0.00686889	0.370776	-2.69705	0.0040089	0.334185	-2.99235	0.875633	0.956574	-1.0454	0.756475	-1.05597	1.09218	0.336916	0.775293	-1.32399	0.0359736	0.783042	-1.27707	0.253929	1.40174	1.40174	0.498475	0.823008	-1.21505	3.69559	4.70051	1.13121	1
cg13470367	MTF1	0.00021758	0.00123352	0.498699	-2.00522	0.530505	1.0981	1.0981	0.00319766	0.552802	-1.80897	0.261009	0.841437	-1.18844	0.00022946	0.406083	-2.46255	0.0019425	0.524139	-1.90716	2.12E-05	0.28236	-3.52909	0.00678099	0.596451	-1.67658	0.000355545	0.429838	-2.32646	17.9663	6.18207	0.305351	1
cg15244939	MTF1	0.0024959	0.158272	1.38407	1.38407	0.0148042	0.675202	-1.48106	0.00053494	0.403106	-2.48074	0.0221244	0.628111	-1.59207	0.1730979	1.27855	1.27853	0.0344602	1.51898	1.51898	0.0160841	0.606973	-1.64752	0.445544	1.14089	1.14089	0.930789	1.01483	1.01483	7.53451	3.42816	0.404439	1
cg23033298	MTF1	0.000580057	0.528203	0.930414	-1.07479	0.437853	1.09343	1.09343	0.6018	0.94231	-1.06122	0.242644	0.871094	-1.14798	0.00175337	0.487546	2.05109	0.000490046	0.53993	-1.85209	0.814105	0.625465	-2.37155	0.216373	0.863444	-1.15815	0.0750114	0.799491	-1.2508	13.7125	2.76645	0.17933	1
cg07031996	MTF1	0.000865227	0.0131918	0.4144	-2.41356	0.0178336	0.763836	1.30918	0.0031458	0.22664	4.41284	0.0033305	0.180241	5.54822	0.0004424	0.143455	6.96971	0.018512	0.199017	5.02514	0.0007588661	0.591135	-1.69166	0.0078564	0.644255	-1.55178	0.0624763	0.715347	1.39824	0.0338874	0.0838674	1
cg13987712	MTF1	0.00110987	0.0389619	0.746847	-1.33896	7.63E-05	2.401	2.401	0.322298	1.133	1.133	0.0168788	1.42762	1.42762	0.859881	1.02181	1.02181	0.00504677	0.635783	-1.57286	0.153668	0.829806	-1.2051	0.0474521	1.31909	1.31909	0.186393	1.18659	1.18659	11.4232	2.69862	0.209992	1
cg13567986	MTF1	0.0186617	0.763681	1.07268	1.07268	0.45644	0.838221	-1.193	0.88253	1.035	1.035	0.0992943	0.656783	-1.52257	0.416096	0.82416	-1.21336	0.0171478	0.508701	-1.96579	0.0415843	2.00805	0.00805	0.0469892	1.69726	1.69726	0.270551	0.765734	-1.30594	12.3948	3.19775	0.762155	1
cg04968244	MTF1	0.0047466	0.727862	0.707052	-1.41424	0.246681	0.82533	-1.48123	0.138388	0.775238	1.29008	0.144385	1.04229	1.04229	0.212363	0.768975	-1.30094	0.952525	1.0399	1.0399	0.0439377	1.21364	11.2364	0.0260492	0.41913	0.41913	0.93184	1.05626	1.05626	4.45554	2.40804	0.576382	1
cg11404133	MTF2;MTF2;MTF2;MTF2	0.00223724	0.00110733	0.168485	-5.93526	0.820277	0.919152	-1.08796	0.120674	0.536034	-1.86555	0.0139051	0.324397	-3.08264	0.022425	0.363014	-2.75471	0.00504875	0.253164	-3.95001	0.000150603	0.0897569	-11.1412	0.450996	0.752372	-1.32913	0.49949	1.28912	1.28912	3.33133	20.284	1.93222	1
cg22801127	MTF2;MTF2;MTF2;MTF2	0.0029026	0.00545	0.2987	-3.34809	0.0704722	0.514312	-1.94418	0.0261618	0.516503	-1.93625	0.0284111	0.316643	-3.15852	0.0139048	0.316643	-3.15852	0.0132207	0.162096	-6.16981	0.0170909	0.376706	-2.65473	0.0503842	0.4108	-2.43496	0.0301	0.4108	-2.43496	0.0301	0.4108	-2.43496	0.0301	0.4108	-2.43496	0.0301	1
cg05962718	MTF2;MTF2;MTF2;MTF2	0.00482802	0.16465	1.26926	1.26926	0.00938013	0.169857	-1.69857	0.074961	1.37569	1.37569	0.00947911	0.589382	-1.69669	0.0245889	0.650069	-1.5383	0.485906	1.12062	1.12062	0.00170079	0.48634	-2.05617	0.213372	0.809979	-1.2346	0.44224	0.88261	-1.133	7.47135	3.03871	0.364157	1
cg16883829	MTF2;MTF2;MTF2;MTF2	0.0023976	0.602876	0.852676	-1.17309	0.422182	0.40801	-2.45081	0.0040852	0.340855	-2.93415	0.0105737	0.461956	1.64956	0.0408852	0.461956	-2.16455	0.0021258	0.0430042	-23.2327	0.0459803	0.0861761	-11.6099	0.0415803	0.180176	-5.55003	0.0415803	0.180176	-5.55003	0.0415803	0.180176	-5.55003	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09965045	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.000628096	0.0485698	0.753288	-1.32751	0.0384622	0.739684	-1.35193	0.35539	1.12698	1.12698	0.0218274	1.4135	1.4135	1.81E-05	0.332683	-3.00586	0.00238316	0.587143	-1.70316	0.854343	0.977157	-1.02338	0.389328	0.895004	-1.11731	0.117367	0.807455	-1.23846	13.4115	3.35841	0.222589	1
cg08439515	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.000929709	0.337563	1.20612	1.20612	0.000372954	2.94175	2.94175	0.712298	0.932197	-1.07273	0.0540414	1.51364	1.51364	0.000142015	0.288248	-3.46924	0.225128	1.27315	1.27315	0.0595752	0.668287	-1.49636	0.0737298	1.45918	1.45918	0.384419	1.18418	1.18418	12.0119	6.83564	0.505841	1
cg05434602	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.0063074	0.236636	1.12772	1.12772	0.00101695	0.623522	-1.60379	0.00889352	0.724196	-1.38084	0.200119	0.877047	-1.14019	0.00761606	0.717041	-1.39462	0.00796471	0.719107	-1.39061	0.426453	1.0819	1.0819	0.729313	0.966888	-1.03425	0.482429	1.07165	1.07165	6.83279	1.01682	0.132279	1
cg16421359	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.0453977	0.0401547	0.515421	-1.94016	0.426475	0.796955	-1.25478	0.00436659	2.89857	2.89857	0.0623619	0.556359	-1.7974	0.284049	0.73267	-1.36487	0.896913	1.03689	1.03689	0.639466	1.14096	1.14096	0.866772	1.04805	1.04805	0.541805	0.84146	-1.18841	3.51392	4.34769	1.0998	1
cg05142023	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.0486661	0.467052	0.884296	-1.13084	0.00119515	2.20109	2.20109	0.162958	1.28075	1.28075	0.970028	1.00626	1.00626	0.734445	1.0582	1.0582	0.761417	0.950662	-1.0519	0.152881	1.28964	1.28964	0.134943	1.30704	1.30704	0.465647	1.1313	1.1313	3.42308	1.49665	0.388643	1
cg06301726	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;FLJ30679	2.00E-06	2.30E-06	0.146647	-6.8191	1.92E-05	4.24981	4.24981	0.0377954	1.4939	1.4939	0.0331944	1.51415	1.51415	7.72E-06	0.194815	-5.13307	4.26E-05	3.6562	3.6562	0.108421	0.746915	-1.33884	0.0012197	2.20036	2.20036	3.04E-05	0.257004	-3.89099	61.4386	27.0171	0.390881	1
cg03228804	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;FLJ30679	0.000488083	0.00821973	0.692454	-1.44414	0.000532339	1.79712	1.79712	0.012028	0.711432	-1.40562	0.00316553	0.645144	-1.55004	0.4106	0.912592	-1.09578	0.0241695	0.746619	-1.33937	0.00144311	0.606184	-1.64966	0.00317462	1.5497	1.5497	0.289323	1.127	1.127	14.3864	2.6923	0.166348	1
cg10756578	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;FLJ30679	0.00343005	0.23108	0.840948	-1.18913	0.00125872	1.9142	1.9142	0.00298711	1.75355	1.75355	0.147369	0.807038	-1.2391	0.129202	0.797661	-1.25367	0.238213	1.18573	1.18573	0.00744444	0.621725	-1.60843	0.0849413	0.768986	-1.30041	0.739073	1.04717	1.04717	8.22331	2.47643	0.267687	1
cg04531202	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;FLJ30679	0.0131519	0.177185	0.634941	-1.57495	0.808652	1.07986	1.07986	0.839789	1.0662	1.0662	0.000151376	0.127567	-7.83902	0.807904	0.925761	-1.08019	0.428625	0.774216	-1.29163	0.576106	0.836211	-1.19587	0.874524	0.951186	-1.05132	0.742523	1.11004	1.11004	5.40957	8.59229	1.41187	1
cg27478579	MTIF2;MTIF2	0.00089345	0.793474	1.0748	1.0748	0.730637	0.909361	-1.09967	0.00135293	0.278195	-3.5946	0.182433	1.47554	1.47554	0.000450014	0.218475	-4.57718	0.00561087	0.367995	-2.71743	0.000146979	0.166092	-6.02077	0.0114792	0.419194	-2.38553	0.0405948	0.522021	-1.91563	12.1478	14.5416	1.06405	1
cg02877657	MTIF2;MTIF2	0.0021303	0.827696	1.03089	1.03089	8.88E-05	0.375417	-2.66371	0.00251757	0.556784	-1.79603	0.982511	0.996945	-1.00306	0.105062	0.780968	-1.28046	0.0605744	0.744277	-1.34359	0.0337965	1.41334	1.41334	0.236165	0.840911	-1.18919	0.112294	0.785581	-1.27294	9.46597	2.92095	0.274287	1
cg05986680	MTIF2;MTIF2	0.00404728	0.0435011	2.31627	2.31627	0.607132	0.828905	-1.20641	0.142362	0.565182	-1.76934	0.041808	0.427893	-2.33703	0.141494	1.77187	1.77187	0.312115	0.685006	-1.45984	0.00129947	0.183618	-5.44609	0.000586723	0.146296	-6.83544	0.414371	0.73942	-1.35241	7.82472	16.2232	1.84295	1
cg27235690	MTIF2;MTIF2	0.00815524	0.882638	0.972128	-1.02867	0.369044	1.19392	1.19392	0.25606	1.25652	1.25652	0.133699	0.731148	-1.36771	0.00217353	0.418829	-2.38761	0.00276615	0.434906	-2.29935	0.0486498	0.644023	-1.55274	0.175007	1.32132	1.32132	0.0580789	1.51863	1.51863	7.21096	4.09303	0.441476	1
cg00704126	MTIF2;MTIF2;MTIF2	0.000747349	0.301564	0.89482	-1.11754	0.0110851	1.39195	1.39195	0.0436855	1.27223	1.27223	0.504134	0.932037	-1.07292	7.49E-05	0.47405	-2.10948	0.158314	1.16952	1.16952	0.000766251	0.589104	-1.69749	0.415123	0.917147	-1.09034	0.0474207	0.790192	-1.26552	12.7742	2.18107	0.151769	1
cg22645636	MTIF2;MTIF2;MTIF2	0.0079659	0.991638	1.00196	1.00196	0.00423283	0.489277	-2.04383	0.000987574	0.400911	-2.49432	0.788749	1.05141	1.05141	0.230664	1.26459	1.26459	0.707426	0.932033	-1.07292	0.0034309	0.476097	-2.10041	0.210381	0.781608	-1.27941	0.664063	0.921659	-1.085	6.35268	3.50655	0.490649	1
cg05319060	MTIF2;MTIF2;MTIF2	0.0427848	0.00700724	0.710102	-1.40825	0.0485812	0.801559	-1.24757	0.153041	0.860503	-1.16211	0.57948	1.05649	1.05649	0.668956	1.04314	1.04314	0.879716	0.985242	-1.01498	0.327427	1.10435	1.10435	0.0844798	0.829138	-1.20607	0.069175	1.22095	1.22095	3.59255	0.548475	0.135707	1
cg00731404	MTIF3;MTIF3;MTIF3;MTIF3	0.000184326	5.42E-06	0.265971	-3.75981	0.502675	1.09151	1.09151	0.891334	1.01775	1.01775	0.082366	0.780607	-1.28106	0.10166	0.794015	-1.25942	0.54586	0.924338	-1.08186	0.00765702	0.643249	-1.55461	0.000846841	1.90741	1.90741	0.706364	1.04992	1.04992	18.7819	4.92836	0.233244	1
cg03560416	MTIF3;MTIF3;MTIF3;MTIF3	0.000184358	0.0146234	0.368655	-2.71257	0.247755	1.49344	1.49344	0.93475	0.973188	-1.02755	0.260371	1.47647	1.47647	7.07E-05	0.0901994	-11.0866	0.00914901	0.333282	-3.00046	6.04E-05	0.0854719	-11.6998	0.000130321	0.110218	-9.0729	0.00309266	0.260871	-3.83331	18.781	32.7691	1.55093	1
cg22267908	MTIF3;MTIF3;MTIF3;MTIF3	0.0014592	0.12221	1.4928	1.4928	0.0310852	1.83178	1.83178	0.344114	1.2625	1.2625	0.00598945	2.36125	2.36125	0.101837	1.53472	1.53472	0.697552	1.09791	1.09791	0.000122916	0.20137	-4.96599	0.0213801	0.516124	-1.93752	0.196205	1.38664	1.38664	10.5631	9.57101	0.805406	1
cg20609911	MTIF3;MTIF3;MTIF3;MTIF3	0.00194858	0.993034	0.998413	-1.00159	0.0273239	0.621771	-1.60831	0.000176235	0.314294	-3.18173	0.340559	1.1957	1.1957	0.393449	0.852928	-1.17243	0.0241465	1.63115	1.63115	0.0231691	1.63888	1.63888	0.163848	0.763097	-1.31045	0.00714406	0.531424	-1.88173	9.71531	5.09562	0.466217	1
cg27323780	MTIF3;MTIF3;MTIF3;MTIF3	0.00320343	0.0898093	0.808404	-1.23701	0.00642817	1.49655	1.49655	0.4459	1.0924	1.0924	0.000374132	0.523545	-1.91006	0.597811	1.06242	1.06242	0.272992	0.878304	-1.13856	0.505928	1.07979	1.07979	0.315214	0.88859	-1.12538	0.00767105	1.47661	1.47661	8.39278	1.71958	0.182123	1
cg18890751	MTIF3;MTIF3;MTIF3;MTIF3	0.00406114	0.00130445	0.169535	-5.89849	0.548463	1.25882	1.25882	0.429851	1.35728	1.35728	0.000287356	0.106062	-9.42842	0.109462	0.516044	-1.93782	0.855878	0.933401	-1.07135	0.581842	1.23472	1.23472	0.169575	1.74138	1.74138	0.164479	0.56992	-1.75463	7.81666	17.7905	2.02309	1
cg06800352	MTIF3;MTIF3;MTIF3;MTIF3	0.00535501	0.275786	1.07256	1.07256	0.506117	1.04256	1.04256	0.300366	1.06856	1.06856	0.297252	1.06905	1.06905	0.000156731	0.6705	-1.49143	0.206633	0.920997	-1.08578	0.866248	0.989638	-1.01047	0.576018	1.03552	1.03552	0.0284485	1.17325	1.17325	7.18621	0.434506	0.0537456	1
cg01714890	MTIF3;MTIF3;MTIF3;MTIF3	0.0103206	0.0127837	1.86762	1.86762	0.00702324	0.494635	-2.02169	0.703776	1.08021	1.08021	0.0152493	1.82541	1.82541	0.233811	1.28672	1.28672	0.0764299	0.671602	-1.48898	0.0927288	1.45299	1.45299	0.173298	1.33996	1.33996	0.0306065	1.6704	1.6704	5.85119	3.78016	0.574266	1
cg15539190	MTIF3;MTIF3;MTIF3;MTIF3	0.0136264	0.0444683	0.42101	-2.37524	0.0609614	2.20704	2.20704	0.0527216	2.28296	2.28296	0.00483978	0.24641	-4.05828	0.546702	0.79562	-1.25688	0.966351	0.984311	-1.01594	0.545218	0.794931	-1.25797	0.00507614	0.249436	-4.00904	0.898137	1.04918	1.04918	5.34716	11.8995	1.97811	1
cg26772116	MTIF3;MTIF3;MTIF3;MTIF3	0.0281991	0.0868388	0.619817	-1.61338	0.166649	0.688678	-1.45206	0.0300564	0.524456	-1.90674	0.154421	0.680065	-1.47045	0.0102395	0.441014	-2.2675	0.023817	0.505481	-1.97831	0.0160822	0.474697	-2.10661	0.48432	1.19694	1.19694	0.0121488	0.453569	-2.20473	4.17734	4.23264	0.900657	1
cg20147645	MTIF3;MTIF3;MTIF3;MTIF3	0.0380171	0.761072	0.932594	-1.07228	0.45697	1.18927	1.18927	0.0380362	0.576778	-1.73377	0.0617859	0.617955	-1.61824	0.00317857	0.397752	-2.51413	0.385645	1.2257	1.2257	0.660474	0.903802	-1.10644	0.149687	0.702272	-1.42395	0.042769	0.586477	-1.7051	3.75252	3.11175	0.737105	1
cg23783665	MTIF3;MTIF3;MTIF3;MTIF3;MTIF3	0.0238409	0.651462	0.926575	-1.07924	0.754614	0.948778	-1.05399	0.226761	0.808299	-1.23717	0.400126	0.865508	-1.15539	0.0721877	0.714255	-1.40006	0.0245919	0.638291	-1.56668	0.00196129	0.480006	-2.08331	0.0666683	1.41175	1.41175	0.35218	1.17416	1.17416	4.42958	1.97292	0.395908	1
cg16467919	MTL5;MTL5	0.000253293	2.03E-05	0.24805	-4.03144	0.00628547	0.562041	-1.77923	0.0382185	0.677876	-1.4752	0.480583	1.12306	1.12306	0.75002	1.0531	1.0531	0.0279849	1.52232	1.52232	0.000642162	2.33489	2.33489	0.0975573	1.34213	1.34213	0.192015	0.799682	-1.2505	17.2284	7.14889	0.368843	1
cg23968739	MTL5;MTL5	0.00076341	0.187573	0.77146	-1.29624	0.708416	0.933119	-1.07167	0.000189242	0.281905	-3.5473	0.0812242	0.69649	-1.43577	0.000117784	0.255307	-3.91685	0.118789	0.729235	-1.3713	0.000874755	0.374102	-2.67306	0.209382	1.27839	1.27839	0.00173244	0.417918	-2.39281	15.5935	8.19689	0.408846	1
cg05959989	MTL5;MTL5	0.000862119	0.0941841	0.591991	-1.68921	0.0192831	0.446454	-2.23987	0.00221311	0.294697	-3.39332	0.0516881	0.532104	-1.87933	0.00218983	0.294052	-3.40076	0.841802	1.05859	1.05859	1.90E-05	0.0840695	-11.8949	0.108576	0.607333	-1.64654	0.0511309	0.531084	-1.88294	12.2708	15.7754	1.14276	1
cg04438497	MTL5;MTL5	0.00195599	0.761829	0.895766	-1.11636	0.000647636	6.64964	6.64964	0.43641	0.750126	-1.33311	0.108491	1.88514	1.88514	0.0358894	2.42048	2.42048	0.00158805	5.1631	5.1631	0.0907693	0.509284	-1.96354	0.00294494	4.38673	4.38673	0.0031162	4.32354	4.32354	9.70458	20.1548	1.84607	1
cg17254405	MTL5;MTL5	0.00290165	0.0172001	0.595876	-1.6782	0.0116906	0.57013	-1.75399	0.00114459	0.426233	-2.34614	0.690365	0.931078	-1.07402	0.000957816	0.415849	-2.40472	0.00222949	0.465866	-2.14654	0.00314323	0.486768	-2.05436	0.0335333	0.642177	-1.5572	0.0128948	0.576604	-1.73429	8.6432	4.35398	0.447775	1
cg08257257	MTL5;MTL5	0.019103	0.0663531	3.28398	3.28398	0.0102683	6.47496	6.47496	0.444416	1.56862	1.56862	0.278958	1.91555	1.91555	0.0306443	4.33367	4.33367	0.0183069	5.22473	5.22473	0.0025382	11.2354	11.2354	0.00831869	7.01258	7.01258	0.149263	2.44237	2.44237	4.77832	25.2336	4.69408	1
cg00414384	MTL5;MTL5	0.0197961	0.0337013	8.71441	8.71441	0.019618	11.7183	11.7183	0.105208	4.68912	4.68912	0.0859417	5.24054	5.24054	0.0936462	4.99958	4.99958	0.028542	9.5398	9.5398	0.00279281	36.4912	36.4912	0.00771734	19.8382	19.8382	0.0228022	10.7871	10.7871	4.72096	56.9697	10.7266	1
cg25035655	MTL5;MTL5	0.022752	0.247674	0.582081	-1.71797	0.00234386	6.69556	6.69556	0.80295	1.11845	1.11845	0.930097	0.961478	-1.04007	0.377534	0.666702	-1.49992	0.0957728	2.26862	2.26862	0.358453	0.655208	-1.52623	0.0440896	2.81707	2.81707	0.0185526	3.59034	3.59034	4.50163	14.2927	2.82221	1
cg06026817	MTL5;MTL5	0.0239834	0.175339	0.639078	-1.56475	0.361424	1.33837	1.33837	0.10406	1.73691	1.73691	0.594783	1.1815	1.1815	0.060833	0.518664	-1.92803	0.00250463	0.271326	-3.68561	0.149235	1.61681	1.61681	0.120514	1.68733	1.68733	0.892695	0.958938	-1.04282	4.42045	6.75668	1.35867	1
cg10956549	MTL5;MTL5	0.046429	0.805524	1.04268	1.04268	0.0187744	1.62006	1.62006	0.626014	1.08678	1.08678	0.936768	0.986646	-1.01353	0.990245	1.00207	1.00207	0.075804	1.39773	1.39773	0.00591293	1.84067	1.84067	0.0828897	0.722254	-1.38455	0.725087	0.941928	-1.06165	3.48441	1.58441	0.40419	1
cg23452168	MTM1	0.0459355	0.846044	0.942391	-1.06113	0.0263977	0.447713	-2.23357	0.010444	0.373809	-2.67516	0.171051	0.640905	-1.56029	0.164254	0.635725	-1.57301	0.583107	0.844351	-1.18434	0.0289777	2.19416	2.19416	0.167599	0.638292	-1.56668	0.742619	0.90431	-1.10582	3.49843	5.16204	1.31158	1
cg00180631	MTM1	0.0469673	0.125321	0.292503	-3.41877	0.622	0.69196	-1.44517	0.700621	0.751066	-1.33144	0.182553	2.85244	2.85244	0.912131	1.08523	1.08523	0.429058	0.54981	-1.81881	0.00282501	0.0474814	-21.0609	0.0920215	0.253016	-3.95231	0.0345366	0.160975	-6.21213	3.46932	30.1681	7.72949	1
cg00881203	MTMR1	4.14E-06	0.0306738	1.34729	1.34729	0.00404064	1.57356	1.57356	0.341434	1.12198	1.12198	0.00946731	1.47115	1.47115	2.72E-05	0.378425	-2.64253	4.48E-06	3.4527	3.4527	0.0144136	1.42487	1.42487	5.94E-07	5.0244	5.0244	7.17E-05	2.33806	2.33806	50.9437	11.1225	0.19407	1
cg01162900	MTMR1	0.00795014	0.022604	2.23215	2.23215	0.0239826	0.45293	-2.20785	0.417915	1.27565	1.27565	0.104793	1.68435	1.68435	0.00178381	0.270419	-3.69796	0.659696	0.87781	-1.1392	0.159895	0.642974	-1.55527	0.0250034	2.19092	2.19092	0.483111	1.23322	1.23322	6.35664	8.70827	1.21773	1
cg02537310	MTMR10	0.00226116	0.000333175	0.14291	-6.99739	0.065704	0.499556	-2.00178	0.0318355	0.429387	-2.3289	0.394857	0.746141	-1.34023	0.00022107	0.126489	-7.90581	0.0225763	0.39943	-2.50357	0.13128	0.578396	-1.72892	0.142616	0.588854	-1.69821	0.00254879	0.244928	-4.08283	9.30231	16.637	1.58976	1
cg22957339	MTMR10	0.00296864	0.977641	1.0065	1.0065	0.583465	0.879853	-1.13655	0.000404484	0.272598	-3.66841	0.98685	0.996198	-1.00382	0.000788822	0.309539	-3.23061	0.18983	1.37849	1.37849	0.333682	1.25921	1.25921	0.196169	1.37153	1.37153	0.0148698	0.500335	-1.99866	8.58488	7.26469	0.752195	1
cg18770149	MTMR11;MTMR11	0.0163073	0.00668404	0.110117	-9.08121	0.0376527	0.220479	-4.53558	0.0183598	0.166244	-6.01524	0.0243051	0.185752	-5.38351	0.00664064	0.109817	-9.10608	0.0776098	0.292315	-3.42096	0.00446573	0.092755	-10.7811	0.0724835	0.284599	-3.51372	0.0611352	0.266293	-3.75527	5.03898	31.3784	5.53524	1
cg13430807	MTMR11;MTMR11	0.0173453	0.0245002	0.193795	-5.1601	0.00948271	0.133601	-7.485	0.00776777	0.123268	-8.11242	0.0259645	0.198164	-5.04634	0.00566581	0.108305	-9.23315	0.0364486	0.225592	-4.43277	0.0159839	0.164251	-6.08824	0.374181	0.571997	-1.74826	0.0613286	0.27498	-3.63663	4.93614	29.3192	5.27974	1
cg16348820	MTMR11;MTMR11	0.0189539	0.00278143	0.344922	-2.89921	0.153858	1.48303	1.48303	0.0209529	2.04838	2.04838	0.617223	0.87804	-1.1389	0.0840294	0.610511	-1.63797	0.442259	0.816903	-1.22414	0.802744	0.937437	-1.06674	0.0290607	0.514759	-1.94266	0.902037	1.0323	1.0323	4.79099	5.05553	0.93797	1
cg00777271	MTMR11;MTMR11	0.0249092	0.659213	0.942645	-1.06084	0.206238	1.19416	1.19416	0.00166608	1.81947	1.81947	0.0515032	1.34315	1.34315	0.319965	0.872168	-1.14657	0.43113	0.89858	-1.11287	0.752834	1.04294	1.04294	0.0794652	0.771759	-1.29574	0.159237	1.22166	1.22166	4.36275	1.22388	0.249359	1
cg02086349	MTMR11;MTMR11;MTMR11	0.00970945	0.0876506	1.4753	1.4753	0.0010089	2.73578	2.73578	0.0202531	1.78142	1.78142	0.0452345	1.60614	1.60614	0.247022	1.2836	1.2836	0.696777	1.08412	1.08412	0.755152	1.06665	1.06665	0.452902	1.17084	1.17084	0.00104932	2.7186	2.7186	5.96656	4.02028	0.598936	1
cg00339782	MTMR11;MTMR11;MTMR11	0.0244613	0.0382625	0.553617	-1.8063	0.545472	1.1626	1.1626	0.0285611	1.88921	1.88921	0.0416426	1.78305	1.78305	0.00407459	0.386996	-2.58401	0.812733	0.943237	-1.06018	0.59141	0.875087	-1.14274	0.894754	0.967934	-1.03313	0.937867	0.980986	-1.01938	4.39033	4.21605	0.853602	1
cg05750047	MTMR11;MTMR11;MTMR11	0.0300902	0.204342	0.714296	-1.39998	0.425501	1.22681	1.22681	0.220877	1.38164	1.38164	0.0187073	2.04583	2.04583	0.00675034	0.413897	-2.41606	0.89644	1.03325	1.03325	0.0296893	0.525781	-1.90193	0.641	0.888728	-1.1252	0.558335	0.861839	-1.16031	4.08248	4.07968	0.888279	1
cg06740866	MTMR12	0.000204519	0.198157	0.785367	-1.27329	0.0002688	2.89193	2.89193	0.00215645	2.14936	2.14936	0.489087	0.882639	-1.13297	2.65E-05	0.228589	-4.37467	0.023123	0.617259	-1.62007	0.477151	1.13701	1.13701	0.104696	1.3703	1.3703	0.144978	0.757245	-1.32058	18.2602	9.12659	0.444274	1
cg26064470	MTMR12	0.00112986	0.0616215	1.44287	1.44287	0.000192895	0.335156	-2.98368	0.00136682	0.445245	-2.24596	0.428443	1.15118	1.15118	0.123936	1.33664	1.33664	0.0110825	1.74146	1.74146	0.0405485	1.50969	1.50969	0.325077	1.1936	1.1936	0.346143	1.18408	1.18408	11.3653	5.45938	0.426984	1
cg07624977	MTMR12	0.00458461	0.00697289	0.375528	-2.66292	0.0420219	0.518142	-1.92997	0.18932	0.676926	-1.47727	0.00408989	0.339195	-2.94816	0.000525969	0.21957	-4.55436	0.0466778	0.527718	-1.89495	0.0066053	0.371731	-2.69011	0.214163	1.44342	1.44342	0.109524	0.612852	-1.63171	7.53499	9.39783	1.10864	1
cg07034255	MTMR12	0.00806028	0.495259	0.709036	-1.41037	0.000597947	13.8761	13.8761	0.0278395	3.63559	3.63559	0.217836	0.525345	-1.90351	0.0268526	0.271991	-3.67659	0.276612	0.570124	-1.754	0.181625	2.02199	2.02199	0.155341	2.12762	2.12762	0.84405	0.906834	-1.10274	6.32918	24.7151	3.47106	1
cg16211736	MTMR12	0.00949233	0.174165	0.834798	-1.1979	0.552805	0.927743	-1.07788	0.837204	0.974629	-1.02603	0.216273	1.17648	1.17648	0.497862	1.08976	1.08976	0.302268	1.1428	1.1428	0.000551453	0.511753	-1.95407	0.0869972	1.26626	1.26626	0.013269	0.681599	-1.46714	6.00974	1.48492	0.219631	1
cg02066994	MTMR12	0.0305702	0.354542	0.906757	-1.10283	0.00494485	1.46597	1.46597	0.0780682	1.22286	1.22286	0.908739	0.988285	-1.01185	0.0897951	1.21189	1.21189	0.61168	1.05402	1.05402	0.0818465	0.820242	-1.21915	0.0491653	0.793927	-1.25956	0.514867	1.07023	1.07023	4.05957	0.679011	0.148677	1
cg14594785	MTMR12	0.0314129	0.000760117	0.150608	-6.63974	0.988684	0.994753	-1.00528	0.599195	1.21743	1.21743	0.992474	1.00351	1.00351	0.263769	0.649096	-1.5406	0.582216	0.813725	-1.22892	0.582839	0.814008	-1.22849	0.485228	0.768663	-1.30096	0.0866465	2.01798	2.01798	4.0204	8.76362	1.93759	1
cg22728371	MTMR12	0.0335178	0.268788	1.23208	1.23208	0.0935523	1.39683	1.39683	0.0143171	0.578537	-1.7285	0.873589	0.97156	-1.02927	0.0834902	0.7067	-1.41503	0.299416	1.21516	1.21516	0.00676467	0.529348	-1.88911	0.911192	0.979985	-1.02042	0.930827	1.01586	1.01586	3.928	2.04274	0.462263	1
cg11331556	MTMR12	0.0364348	0.0153896	0.523709	-1.90946	0.00557838	0.453049	-2.20727	0.0205416	0.545016	-1.83481	0.0497696	0.614615	-1.62704	0.548376	0.876256	-1.14122	0.799097	0.946038	-1.05704	0.0206573	0.545436	-1.83339	0.126534	0.698026	-1.43261	0.472934	0.853188	-1.17207	3.81117	2.85553	0.666004	1
cg11559598	MTMR14;MTMR14;MTMR14	1.11E-05	0.354683	0.889725	-1.12394	0.148534	0.82683	-1.20944	0.000210666	0.467486	-2.1391	0.403804	1.11052	1.11052	0.012615	0.683462	-1.46314	0.00188804	0.582451	-1.71688	1.17E-07	0.124979	-8.00135	0.584228	1.07016	1.07016	0.0184797	0.704238	-1.41997	39.5054	9.4217	0.211993	1
cg27298300	MTMR14;MTMR14;MTMR14	7.95E-05	0.0131546	1.48304	1.48304	1.58E-05	0.319083	-3.13398	2.40E-05	0.339781	-2.94308	0.891959	0.982731	-1.01757	0.0261357	0.712996	-1.40253	0.217162	1.18109	1.18109	0.173443	1.20401	1.20401	0.59674	1.07084	1.07084	0.00494174	1.61152	1.61152	23.5374	6.12517	0.231316	1
cg20226230	MTMR14;MTMR14;MTMR14	0.000152796	0.000327371	0.282609	-3.53846	0.912289	1.02428	1.02428	0.806607	0.948006	-1.05485	0.458676	1.17853	1.17853	5.19E-05	0.192442	-5.19638	0.000581028	0.314036	-3.18435	8.43E-05	0.214522	-4.66152	0.00927271	0.487363	-2.05186	0.000283999	0.275061	-3.63556	19.7583	14.8304	0.66719	1
cg00341089	MTMR14;MTMR14;MTMR14	0.000256687	0.00846705	1.94439	1.94439	0.000135059	0.270463	-3.69736	0.367265	0.832586	-1.20108	0.44642	1.16594	1.16594	3.35E-05	0.203693	-4.90935	0.121551	0.717454	-1.39382	0.000627729	0.353456	-2.82921	0.375626	0.835374	-1.19707	0.403455	0.844401	-1.18427	17.166	10.6393	0.550922	1
cg09620606	MTMR14;MTMR14;MTMR14	0.00107607	0.631094	0.907305	-1.10217	0.283517	1.25111	1.25111	0.0455651	0.630664	-1.58563	0.617137	1.10665	1.10665	0.00011365	0.256047	-3.90554	0.0338516	1.64563	1.64563	0.000308251	0.307996	-3.2468	0.993815	1.00156	1.00156	0.467001	1.16046	1.16046	11.5241	7.37843	0.569119	1
cg19596790	MTMR14;MTMR14;MTMR14	0.00142584	0.343284	1.55621	1.55621	0.471302	1.39366	1.39366	0.047152	2.79811	2.79811	0.191475	0.534492	-1.87094	2.37E-05	0.0219204	-45.6195	0.357991	0.651687	-1.53448	0.911856	0.951077	-1.05144	0.94257	1.03317	1.03317	0.187857	1.88172	1.88172	10.6335	34.5571	2.88873	1
cg06726935	MTMR14;MTMR14;MTMR14	0.00167945	0.224271	0.675156	-1.48114	0.0051301	0.320587	-3.11927	0.119766	1.68099	1.68099	0.634334	0.862916	-1.15886	0.000248507	0.15554	-6.42923	0.000366101	0.172662	-5.79168	0.0138704	0.392379	-2.54856	0.0506384	0.503935	-1.98438	0.0545831	0.511211	-1.95614	10.1434	15.2102	1.3329	1
cg13546514	MTMR14;MTMR14;MTMR14	0.00785259	0.731927	1.13751	1.13751	0.0323685	0.39113	-2.5567	0.193804	0.597421	-1.67386	0.585076	0.813365	-1.22946	0.00016328	0.0898489	-11.1298	0.0673971	0.463988	-2.15523	0.116492	0.52779	-1.89469	0.707666	1.15159	1.15159	0.0319317	0.38989	-2.56482	6.38136	14.1882	1.97634	1
cg21747617	MTMR14;MTMR14;MTMR14	0.0146314	0.458347	0.811939	-1.23162	0.0258145	2.07552	2.07552	0.338107	1.31316	1.31316	0.0705234	0.572565	-1.74653	0.0702085	0.572124	-1.74787	0.389767	0.784158	-1.27525	0.120223	1.59204	1.59204	0.00176171	0.292493	-3.41888	0.228661	0.705705	-1.41702	5.22345	6.29672	1.07153	1
cg23024913	MTMR14;MTMR14;MTMR14	0.0190513	0.37288	1.16949	1.16949	0.337455	1.18441	1.18441	0.392189	1.16187	1.16187	0.308639	1.19762	1.19762	0.000438384	2.5875	2.5875	0.779889	1.04912	1.04912	0.0122228	1.70623	1.70623	0.625471	0.919255	-1.08784	0.144181	1.30801	1.30801	4.7827	2.21873	0.412362	1
cg07541442	MTMR14;MTMR14;MTMR14	0.0257236	0.4692	0.909682	-1.09929	0.034749	1.37215	1.37215	0.937901	1.01007	1.01007	0.312995	0.874455	-1.14357	0.314229	0.874774	-1.14315	0.120286	0.805229	-1.24188	0.547287	0.924697	-1.08144	0.00614993	1.58324	1.58324	0.0149768	1.4689	1.4689	4.31414	1.12908	0.232636	1
cg01964009	MTMR14;MTMR14;MTMR14	0.0471321	0.0108856	0.64122	-1.55953	0.0887656	0.770311	-1.29818	0.0387815	0.717041	-1.39462	0.00623919	0.609265	-1.64132	0.0937005	0.773961	-1.29206	0.5979	0.928686	-1.07679	0.085618	0.76789	-1.30227	0.121626	0.791942	-1.26272	0.955525	1.00778	1.00778	3.46475	1.0603	0.272021	1
cg17309781	MTMR14;MTMR14;MTMR14;MTMR14;MTMR14;MTMR14	0.0238199	0.677412	1.05104	1.05104	0.488563	1.08734	1.08734	0.0167752	1.41532	1.41532	0.579828	0.935617	-1.06881	0.183086	1.18307	1.18307	0.085935	0.797854	-1.25336	0.0627668	0.779451	-1.28295	0.110199	0.81288	-1.23019	0.00797297	1.49891	1.49891	4.43093	0.993812	0.199368	1
cg17099815	MTMR15	0.0124405	0.0284429	1.47759	1.47759	0.0780755	1.34386	1.34386	0.192496	0.812013	-1.23151	0.0402015	1.43028	1.43028	0.519883	1.10349	1.10349	0.854238	1.02815	1.02815	0.000447123	2.3073	2.3073	0.0867237	1.33059	1.33059	0.85136	1.02872	1.02872	5.50859	1.98835	0.320848	1
ch.15.206373F	MTMR15	0.0164106	0.00398984	0.254831	-3.92417	0.801743	0.914953	-1.09295	0.013529	0.339682	-2.94393	0.0112441	0.325645	-3.07083	0.00761194	0.297493	-3.36143	0.241491	0.648477	-1.54207	0.0605104	0.473444	-2.11218	0.340613	1.41473	1.41473	0.136272	0.567169	-1.76314	5.02838	9.93914	1.75698	1
cg22443330	MTMR15;MTMR15;MTMR15;MTMR15	0.00327162	0.0868682	0.599496	-1.66807	0.0341683	0.512314	-1.95193	0.000199958	5.41725	5.41725	0.568742	1.16867	1.16867	0.0492574	0.544816	-1.83548	0.226981	1.40949	1.40949	0.148123	0.657178	-1.52166	0.0388332	1.91032	1.91032	0.857727	1.04975	1.04975	8.34025	9.6718	1.0308	1
cg02696517	MTMR15;MTMR15;MTMR15;MTMR15	0.0104134	0.0368993	0.389805	-2.56539	0.0112446	3.43633	3.43633	0.0135703	3.27797	3.27797	0.0385907	0.394051	-2.53775	0.047774	0.414892	-2.41026	0.54002	0.785735	-1.27269	0.0438978	2.45999	2.45999	0.14235	0.541718	-1.84598	0.873668	1.0638	1.0638	5.83442	13.9604	2.1269	1
cg03767031	MTMR15;MTMR15;MTMR15;MTMR15	0.0178401	0.0394666	0.745622	-1.34116	0.484238	0.916127	-1.09155	0.0371711	1.34733	1.34733	0.00643599	1.5476	1.5476	0.37964	0.894881	-1.11747	0.480522	0.915421	-1.09239	0.0243168	0.718358	-1.39206	0.773605	1.03618	1.03618	0.0716866	1.28123	1.28123	4.88977	1.17605	0.21379	1
cg21026095	MTMR15;MTMR15;MTMR15;MTMR15	0.032176	0.0276018	0.376633	-2.6551	0.0479863	0.428516	-2.33363	0.514647	0.78059	-1.28108	0.488679	1.30173	1.30173	0.0125618	0.312344	-3.2016	0.0603135	0.451948	-2.21264	0.0157637	0.329873	-3.03147	0.937816	0.971174	-1.02968	0.0148291	0.325078	-3.07618	3.98604	8.8715	1.97835	1
cg27159651	MTMR15;MTMR15;MTMR15;MTMR15	0.0492371	0.353374	1.11128	1.11128	0.0501202	0.781301	-1.27992	0.305531	1.12438	1.12438	0.744318	1.03682	1.03682	0.747317	0.964913	-1.03636	0.42905	0.914661	-1.0933	0.00819093	0.688097	-1.45328	0.854433	0.979912	-1.0205	0.0276364	1.3334	1.3334	3.40797	0.658964	0.171875	1
cg19541976	MTMR2;MTMR2;MTMR2;MTMR2	2.31E-07	0.00109818	0.502068	-1.99176	3.55E-07	0.122082	-8.19122	1.54E-06	0.175849	-5.68669	0.299341	1.16645	1.16645	6.52E-07	0.143092	-6.9885	6.68E-07	0.14395	-6.94683	3.04E-07	0.116965	-8.54954	1.40E-07	0.0934544	-10.7004	5.48E-06	0.22974	-4.35275	106.414	34.5326	0.288456	1
cg20195272	MTMR2;MTMR2;MTMR2;MTMR2	6.59E-05	0.00555916	0.257211	-3.88785	5.76E-05	0.0619955	-16.1302	0.00241557	0.207009	-4.83071	0.654542	0.845442	-1.18281	8.43E-05	0.0716613	-13.9545	0.00134538	0.17615	-5.677	2.32E-05	0.0427225	-23.4068	3.91E-05	0.0530997	-18.8325	0.000373107	0.119811	-8.34648	24.7476	54.4667	1.95634	1
cg03793937	MTMR2;MTMR2;MTMR2;MTMR2	9.56E-05	7.98E-06	0.0863523	-11.5805	0.801026	0.938668	-1.06534	0.000165197	0.200051	-4.99873	0.00206	0.336905	-2.96819	0.046997	0.565618	-1.76798	0.491581	1.19136	1.19136	0.00446158	2.58728	2.58728	0.533598	1.1712	1.1712	0.00109017	0.298829	-3.3464	22.4088	22.2954	0.884392	1
cg14256977	MTMR2;MTMR2;MTMR2;MTMR2	0.00566687	0.552	0.945301	-1.05786	0.00848176	1.36907	1.36907	0.0542412	0.815282	-1.22657	0.93145	1.00808	1.00808	0.217744	0.885841	-1.12887	0.529319	1.06139	1.06139	0.00023824	1.76632	1.76632	0.767163	0.972624	-1.02815	0.947402	1.00619	1.00619	7.06239	0.977552	0.123037	1
cg08412316	MTMR2;MTMR2;MTMR2;MTMR2	0.0236476	0.0211334	0.194435	-5.14311	0.0038505	0.100215	-9.97855	0.123178	0.372906	-2.68164	0.429817	0.621249	-1.60966	0.0277132	0.215	-4.65116	0.0232716	0.201531	-4.96201	0.0164872	0.177181	-5.64396	0.0133463	0.163577	-6.11332	0.28363	0.517901	-1.93087	4.44207	24.5451	4.91165	1
cg04323313	MTMR2;MTMR2;MTMR2;MTMR2	0.0316347	0.00495564	1.73005	1.73005	0.132638	0.787374	-1.27005	0.0881921	0.75792	-1.3194	0.390451	1.13842	1.13842	0.983153	1.00312	1.00312	0.575898	1.08682	1.08682	0.0171903	1.53377	1.53377	0.123036	1.27908	1.27908	0.727102	0.949693	-1.05297	4.01031	1.37854	0.305554	1
cg23963595	MTMR2;MTMR2;MTMR2;MTMR2;MTMR2;MTMR2;MTMR2	0.00796306	0.00471334	0.403248	-2.47986	0.0988288	0.645506	-1.54917	0.0166925	0.493255	-2.02735	0.00628551	0.422758	-2.36542	0.00103671	0.308814	-3.2382	0.027114	0.531144	-1.88273	0.106161	0.652605	-1.53232	0.0350355	0.552095	-1.81128	0.00968915	0.45313	-2.20687	6.35339	5.88633	0.823544	1
cg17919465	MTMR3;MTMR3;MTMR3	0.00314965	0.501043	1.2376	1.2376	0.158823	1.60015	1.60015	0.208214	1.51309	1.51309	0.211147	1.50865	1.50865	8.64E-05	0.110897	-9.01739	0.718346	1.11969	1.11969	0.0148881	0.392644	-2.54683	0.279807	0.704199	-1.42005	0.900674	0.961775	-1.03974	8.43519	13.016	1.37161	1
cg27515255	MTMR3;MTMR3;MTMR3;MTMR3;MTMR3;MTMR3	0.0431669	0.22256	0.637129	-1.56954	0.339094	0.707143	-1.41414	0.0902618	0.518647	-1.92809	0.571708	0.817926	-1.2226	0.0253458	0.392643	-2.54684	0.845112	0.933528	-1.07121	0.0012988	0.19252	-5.19425	0.516122	0.793309	-1.26054	0.739398	1.12457	1.12457	3.58069	7.01378	1.74114	1
cg07318658	MTMR4	0.000332111	0.189817	0.830774	-1.2037	0.691586	0.948159	-1.05467	0.449255	1.10843	1.10843	0.423034	1.11544	1.11544	0.0687491	1.31254	1.31254	0.154021	0.815679	-1.22597	5.85E-06	3.89599	3.89599	0.71849	0.952821	-1.04951	0.00176727	1.81224	1.81224	15.998	4.51594	0.250916	1
cg26210654	MTMR4	0.00960045	0.60429	1.24346	1.24346	0.134147	1.96061	1.96061	0.000275304	0.0835256	-11.9724	0.462515	1.36576	1.36576	0.228458	1.69354	1.69354	0.408723	1.42215	1.42215	?	?	?	0.880203	0.939078	-1.06487	0.756537	1.13839	1.13839	6.10845	14.9379	2.44545	1
cg04610235	MTMR4	0.0102006	0.509964	1.25175	1.25175	0.00616549	3.32093	3.32093	0.00227879	4.1937	4.1937	0.00958937	3.00956	3.00956	0.727865	0.889265	-1.12452	0.232723	1.52259	1.52259	0.441668	0.768303	-1.30157	0.00420286	3.62563	3.62563	0.537011	1.23369	1.23369	5.87317	10.4986	1.58894	1
cg04100434	MTMR4	0.016405	0.866922	1.08698	1.08698	0.982982	1.01066	1.01066	0.0286363	3.73584	3.73584	0.00699223	0.163909	-6.10095	?	?	?	0.0028288	0.115919	-8.62675	0.886983	1.07328	1.07328	0.806817	1.1296	1.1296	0.802294	1.13291	1.13291	5.73028	19.5265	2.98165	1
cg19040620	MTMR4	0.0211286	0.00425121	0.400564	-2.49648	0.0365512	1.76353	1.76353	0.330856	1.25844	1.25844	0.0642639	1.6206	1.6206	0.0822107	0.640123	-1.5622	0.607774	0.888524	-1.12546	0.0357484	0.565144	-1.76946	0.565626	1.14183	1.14183	0.49362	0.853096	-1.1722	5.13602	4.13982	0.626917	1
cg27406845	MTMR4	0.0249606	0.733923	0.915887	-1.09184	0.0305969	0.519839	-1.92367	0.771342	1.07793	1.07793	0.808206	0.939293	-1.06463	0.471864	0.828234	-1.20739	0.171787	0.687554	-1.45443	0.00110621	0.289922	-3.44921	0.263327	0.740598	-1.35026	0.0771808	1.65867	1.65867	4.35963	4.57905	0.933628	1
cg21587637	MTMR6	1.47E-06	0.210567	1.15857	1.15857	0.081681	0.806326	-1.24019	0.0176524	1.37993	1.37993	7.55E-05	0.448799	-2.22817	0.0282466	1.3351	1.3351	2.09E-08	0.0949367	-10.5333	0.871244	1.01826	1.01826	0.362513	1.11006	1.11006	0.0165524	1.38624	1.38624	66.503	13.1102	0.175233	1
cg13555116	MTMR6	0.00108887	0.271092	0.76346	-1.30983	0.063571	0.611809	-1.6345	0.00197902	0.357223	-2.79937	0.567752	0.872811	-1.14572	0.00384513	0.399463	-2.50336	0.183631	0.717275	-1.39416	0.000579779	0.285453	-3.5032	5.24E-05	0.168504	-5.93458	0.0438224	0.579395	-1.72594	11.4855	10.0932	0.78114	1
cg24801023	MTMR6	0.0127832	0.0100446	0.189248	-5.28407	0.215778	0.513015	-1.94926	0.210521	0.508658	-1.96596	0.112378	0.412488	-2.42431	0.00366939	0.133647	-7.48238	0.0161465	0.221378	-4.51716	0.00188009	0.104534	-9.56627	0.0178405	0.228694	-4.37265	0.0645639	0.345174	-2.89709	5.46003	22.6981	3.69524	1
cg06094043	MTMR6	0.0128838	0.00360165	0.279446	-3.5785	0.202958	0.647413	-1.54461	0.323677	0.719113	-1.3906	0.919623	0.967876	-1.03319	0.000644284	0.183819	-5.44012	0.0698937	0.519105	-1.92639	0.018411	0.396494	-2.52211	0.706209	0.884704	-1.13032	0.272947	0.691358	-1.44643	5.44609	9.02599	1.47318	1
cg01064898	MTMR6;MTMR6	0.00537454	0.000152946	0.102228	-9.78201	0.085609	1.94921	1.94921	0.196216	1.61614	1.61614	0.124772	1.79272	1.79272	0.267318	0.666365	-1.50068	0.243577	0.651432	-1.53508	0.573527	1.22113	1.22113	0.292414	0.681342	-1.46769	0.434442	1.32332	1.32332	7.1782	14.0273	1.73703	1
cg14217684	MTMR6;MTMR6	0.0233029	0.0929703	1.39773	1.39773	0.0305182	0.630933	-1.58495	0.0339398	1.56604	1.56604	0.421866	0.861874	-1.16026	0.321363	0.830593	-1.20396	0.0873179	0.710354	-1.40775	0.00725164	1.87308	1.87308	0.574441	1.10826	1.10826	0.501263	0.883677	-1.13164	4.46466	2.32093	0.462084	1
cg08231493	MTMR7	0.0010251	0.958189	0.994164	-1.00587	0.711289	1.04238	1.04238	0.0247635	1.3477	1.3477	0.0461241	1.29061	1.29061	0.210722	1.15862	1.15862	2.38E-05	2.56273	2.56273	0.010823	0.699549	-1.42949	0.772007	1.03297	1.03297	0.0587402	1.26916	1.26916	11.6841	2.30637	0.175462	1
cg14744919	MTMR7	0.00448831	0.00288803	3.77383	3.77383	0.00804211	3.00612	3.00612	0.0167659	2.57616	2.57616	0.00428754	3.4499	3.4499	0.72731	1.12017	1.12017	0.0103829	2.84705	2.84705	0.00656125	3.14109	3.14109	0.00158271	4.35047	4.35047	0.0145942	2.65118	2.65118	7.58371	12.6212	1.47934	1
cg09984096	MTMR7	0.00482545	0.164901	1.76687	1.76687	0.415504	1.3768	1.3768	0.0385115	0.398112	-2.51186	0.0996763	2.00022	2.00022	0.130733	0.534197	-1.87197	0.169381	0.569808	-1.75498	0.000153305	0.0826146	-12.1044	0.454991	1.33961	1.33961	0.575854	0.804802	-1.24254	7.41855	17.3436	2.0781	1
cg04792712	MTMR7	0.00682485	0.311356	1.19117	1.19117	0.525119	1.11355	1.11355	0.00578873	1.82906	1.82906	0.310438	1.19159	1.19159	0.0762474	1.39021	1.39021	0.000415095	2.54845	2.54845	0.191205	0.793634	-1.26003	0.174119	0.785464	-1.27313	0.0356672	1.50434	1.50434	6.66755	2.94579	0.39272	1
cg10124475	MTMR7	0.0106639	0.000631351	0.547912	-1.82511	0.0605739	1.27425	1.27425	0.658162	1.05233	1.05233	0.855438	1.02111	1.02111	0.023803	0.734182	-1.36206	0.0237787	0.734128	-1.36216	0.803798	1.02892	1.02892	0.380756	0.902146	-1.10847	0.751209	1.0371	1.0371	5.79005	1.20312	0.184703	1
cg04840732	MTMR7	0.0456633	0.773745	0.936302	-1.06803	0.00873395	0.466328	-2.14441	0.0250211	0.543984	-1.83829	0.166685	0.714136	-1.40029	0.940553	0.983114	-1.01718	0.445249	0.837205	-1.19445	0.0247506	1.84116	1.84116	0.877531	0.965401	-1.03584	0.68141	1.09884	1.09884	3.50624	2.89536	0.73402	1
cg15852516	MTMR7;MTMR7	0.0429613	0.467875	1.11356	1.11356	0.157691	1.24606	1.24606	0.0628093	1.35639	1.35639	0.187357	1.22566	1.22566	0.843276	0.971588	-1.02924	0.00201123	1.88632	1.88632	0.127011	0.78637	-1.27167	0.763694	0.957046	-1.04488	0.658609	1.06689	1.06689	3.58705	1.20462	0.29851	1
cg26046924	MTMR8	0.000112405	0.00016569	0.116915	-8.55322	0.445283	0.770872	-1.29723	0.0034455	0.26487	-3.77544	0.00417078	0.276925	-3.61109	7.72E-06	0.0375111	-26.6588	0.129373	1.72984	1.72984	0.0160415	0.373168	-2.67976	0.343679	0.721633	-1.38575	0.00011183	0.103163	-9.69337	21.4581	38.0133	1.57468	1
cg04549977	MTMR8	0.00123969	0.000768773	0.0980676	-10.197	0.0494225	0.359804	-2.77929	0.0712549	0.399122	-2.5055	0.00301423	0.156631	-6.38442	0.000345943	0.0724788	-13.7971	0.218832	1.8032	1.8032	0.445401	1.42564	1.42564	0.367564	0.65577	-1.52492	0.000752334	0.0972978	-10.2777	11.0684	36.4308	2.9257	1
cg02904064	MTMR8	0.00798923	0.0114403	0.154056	-6.49114	0.0520312	0.27079	-3.6929	0.18256	0.43341	-2.30729	0.174424	0.425768	-2.3487	0.00078261	0.0496768	-20.1301	0.208461	2.18967	2.18967	0.588911	1.38054	1.38054	0.0903138	0.331814	-3.01374	0.00466332	0.108207	-9.24153	6.34684	35.1151	4.91795	1
cg16251458	MTMR8	0.00917315	0.64513	0.873678	-1.14459	0.0325783	0.482673	-2.07179	0.451147	0.799658	-1.25053	0.0243979	2.18381	2.18381	0.00116376	0.249395	-4.0097	0.0307292	0.477578	-2.0939	0.0218084	0.448603	-2.22914	0.595203	1.16901	1.16901	0.527485	1.20494	1.20494	6.0755	8.15984	1.19384	1
cg14247154	MTMR8	0.012644	0.0941272	4.18778	4.18778	0.925876	0.93015	-1.0751	0.672323	0.71817	-1.39243	0.0400289	6.33887	6.33887	0.911815	1.09003	1.09003	0.0329574	0.143586	-6.96445	0.283548	0.420221	-2.3797	0.0413468	6.24036	6.24036	0.00121545	39.841	39.841	5.47957	52.5491	8.52446	1
cg16718054	MTMR8	0.0258304	0.226068	1.92351	1.92351	0.91316	0.94541	-1.05774	0.385382	0.632577	-1.58083	0.00703347	6.00792	6.00792	0.669885	0.801973	-1.24692	0.0648611	0.344054	-2.90652	0.435815	1.50551	1.50551	0.15523	2.18736	2.18736	0.00506537	6.73286	6.73286	4.30791	18.0679	3.72811	1
cg12981288	MTMR9	0.000130315	0.853987	0.971713	-1.02911	0.0364432	0.684725	-1.46044	0.0207064	0.648004	-1.5432	0.00119057	0.477083	-2.09607	4.38E-05	0.299041	-3.34402	0.000110835	0.346726	-2.88412	6.88E-05	0.321928	-3.10628	0.0127739	0.617658	-1.61902	8.00E-05	0.329743	-3.03267	20.6232	7.92429	0.341548	1
cg20905180	MTMR9	0.0019005	0.00146449	0.358385	-2.79029	0.0643383	1.59082	1.59082	0.153259	1.40719	1.40719	0.0388287	0.586062	-1.7063	0.319033	0.794512	-1.25863	0.00081992	0.32422	-3.08433	0.288611	0.781868	-1.27899	0.0242532	1.82204	1.82204	0.00534923	0.440666	-2.26929	9.78617	7.73322	0.702417	1
cg03034634	MTMR9	0.00190107	0.457157	0.825953	-1.21072	0.638491	0.887365	-1.12693	0.564619	0.863253	-1.15841	0.563391	1.15896	1.15896	0.196244	0.708158	-1.41211	0.618293	0.880862	-1.13525	0.346747	0.782955	-1.27721	2.92E-05	7.92493	7.92493	0.0502727	1.75693	1.75693	9.78532	9.88322	0.897782	1
cg05306183	MTMR9	0.00290784	0.00151983	0.18865	-5.30083	0.166297	0.583244	-1.71455	0.416994	1.35391	1.35391	0.552826	1.24523	1.24523	0.00479309	0.254763	-3.92521	0.112656	0.532167	-1.87911	0.00033937	0.121364	-8.23967	0.302697	0.677064	-1.47697	0.00493436	0.256619	-3.89683	8.63774	18.2532	1.8784	1
cg24861394	MTMR9	0.00850962	0.763685	0.937381	-1.0668	0.421018	1.19279	1.19279	0.761938	1.06733	1.06733	0.0231362	0.558563	-1.79031	0.0980817	1.47574	1.47574	0.460069	0.851031	-1.17505	0.000228414	0.268951	-3.71815	0.659129	1.09988	1.09988	0.541704	0.875917	-1.14166	6.22179	4.53234	0.647522	1
cg08623223	MTMR9	0.00882446	0.255661	0.51775	-1.93143	0.000571891	0.0518922	-19.2707	0.00933196	0.160551	-6.22854	0.162086	0.436887	-2.28892	0.00261046	0.0989907	-10.102	0.126492	0.399724	-2.50173	0.0199373	0.210472	-4.75122	0.0805552	0.341248	-2.93042	0.101023	0.369267	-2.70807	6.15067	29.9755	4.33203	1
cg00306350	MTMR9	0.0151027	0.16051	0.885317	-1.12954	0.596692	1.04435	1.04435	0.495487	0.945317	-1.05785	0.00951314	0.765753	-1.3059	0.00207466	0.703092	-1.42229	0.0107497	0.770731	-1.29747	0.221809	0.900923	-1.10997	0.799627	1.02088	1.02088	0.134044	1.1403	1.1403	5.16902	0.540464	0.0929408	1
cg22351426	MTMR9	0.0151375	0.137663	0.705426	-1.41758	0.000506878	0.305467	-3.27367	0.566786	0.881284	-1.13471	0.417557	1.1982	1.1982	0.456923	0.847585	-1.17982	0.35112	1.23301	1.23301	0.109093	1.46431	1.46431	0.734063	1.07727	1.07727	0.0773169	0.651391	-1.53518	5.16509	3.89727	0.670704	1
cg20575848	MTMR9	0.0190474	0.157201	1.21472	1.21472	0.622537	0.938195	-1.06588	0.298131	0.870509	-1.14875	0.177189	0.831584	-1.20252	0.471768	0.910175	-1.09869	0.598592	1.07069	1.07069	0.000367003	0.480131	-2.08276	0.733464	1.04493	1.04493	0.487726	0.913336	-1.09489	4.78303	1.25242	0.232753	1
cg21337580	MTMR9	0.0292124	0.00996931	0.186	-5.37636	0.0378691	0.288092	-3.47112	0.00803556	0.172861	-5.785	0.263337	0.547322	-1.82708	0.0178086	0.225586	-4.4329	0.0959113	0.388603	-2.57332	0.0248888	0.251604	-3.97449	0.0287163	0.263526	-3.79469	0.0710913	0.352699	-2.83528	4.12556	17.4564	3.76113	1
cg24378421	MTMR9	0.04075	0.0259079	0.285716	-3.49998	0.806437	1.12333	1.12333	0.0187212	0.259317	-3.85628	0.475675	1.41001	1.41001	0.014916	0.242144	-4.12977	0.14363	0.475031	-2.10512	0.267541	1.72832	1.72832	0.217261	1.84957	1.84957	0.365209	0.64356	-1.55386	3.65799	13.001	3.15924	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25405723	MTMR9	0.0423172	0.439352	0.74598	-1.34052	0.102604	0.514956	-1.94191	0.0324809	0.3945	-2.53485	0.391398	1.38583	1.38583	0.00447924	0.244567	-4.08886
cg15411402	MTMR9;MTMR9	0.0195755	0.091368	1.47627	1.47627	0.408585	1.19373	1.19373	0.863217	1.03679	1.03679	0.333467	0.811389	-1.23245	0.0812342	1.49925	1.49925
cg04556220	MTMR9L	4.26E-06	0.100425	0.837699	-1.19375	0.0765103	0.823745	-1.21397	4.91E-08	6.43997	6.43997	0.0886007	0.831225	-1.20304	0.0251119	1.29973	1.29973
cg09586322	MTMR9L	0.000179898	0.954708	0.983719	-1.01655	0.656485	0.878646	-1.13811	2.79E-06	25.7108	25.7108	0.395347	1.28605	1.28605	0.367888	1.30644	1.30644
cg11960677	MTMR9L	0.000467556	0.964826	1.01069	1.01069	0.0533835	1.69761	1.69761	0.000103481	5.23932	5.23932	0.0572198	1.68005	1.68005	0.196708	0.719513	-1.38983
cg20457180	MTMR9L	0.00139896	0.193339	0.667085	-1.49906	0.000546818	0.206076	-4.85257	0.9053	1.03562	1.03562	0.0391239	2.01813	2.01813	0.000125065	0.140052	-7.14022
cg11546106	MTMR9L	0.00517662	0.617252	1.071	1.071	0.43586	1.11429	1.11429	8.81E-05	2.6027	2.6027	0.740622	1.04626	1.04626	0.447145	1.11124	1.11124
cg09756525	MTMR9L	0.00642696	0.113602	0.814741	-1.22738	0.204215	1.17287	1.17287	0.932641	0.98999	-1.01011	0.568387	1.07102	1.07102	0.212291	0.855259	-1.16924
cg06763823	MTMR9L	0.0074529	0.963984	0.979197	-1.02125	0.704615	0.837509	-1.19402	7.75E-05	27.9802	27.9802	0.544753	1.33028	1.33028	0.704406	1.19418	1.19418
cg15647481	MTMR9L	0.0142913	0.516118	1.23849	1.23849	0.711201	1.12842	1.12842	0.0268106	2.34469	2.34469	0.0024779	3.92203	3.92203	0.0194219	2.50441	2.50441
cg07033820	MTMR9L	0.0289621	0.677583	1.0578	1.0578	0.534253	0.918889	-1.08827	0.299479	1.15547	1.15547	0.849942	1.02578	1.02578	0.575726	0.926832	-1.07894
cg05329915	MTNR1A	0.000873189	0.460747	0.845328	-1.18297	0.801583	1.05796	1.05796	0.00570686	0.444386	-2.2503	0.311555	0.791159	-1.26397	2.76E-05	0.157468	-6.35049
cg10414052	MTNR1A	0.00196256	0.0309692	0.70639	-1.41565	0.000412282	0.463291	-2.15847	0.0389057	0.720295	-1.38832	0.143307	0.805872	-1.24089	0.823492	1.03113	1.03113
cg02226934	MTNR1A	0.0022107	0.538175	1.11171	1.11171	0.00188553	0.473063	-2.11388	0.000336286	0.374456	-2.67054	0.34593	0.847966	-1.17929	0.0196344	1.61439	1.61439
cg08677803	MTNR1A	0.00224425	0.111956	0.64776	-1.54378	0.0814712	0.616023	-1.62332	0.000527697	0.258025	-3.8756	0.787202	0.934372	-1.07024	0.00288784	0.357772	-2.79508
cg06293787	MTNR1A	0.00631856	0.00149689	0.357662	-2.79594	0.588091	1.13069	1.13069	0.327532	1.25486	1.25486	0.0144274	0.508013	-1.96845	0.013727	0.504384	-1.98262
cg06453997	MTNR1A	0.00773786	0.981064	1.00416	1.00416	0.0928974	1.38169	1.38169	0.732257	1.0619	1.0619	0.00021524	0.339525	-2.94529	0.830252	0.963152	-1.03826
cg18849737	MTNR1A	0.0103611	0.0123665	0.182532	-5.47849	0.0010849	0.0717904	-13.9294	0.379292	1.63656	1.63656	0.882426	0.922356	-1.08418	0.364488	0.60114	-1.66351
cg06039392	MTNR1A	0.0103823	0.676808	1.09696	1.09696	0.00571828	0.449375	-2.22531	0.359874	0.812359	-1.23098	0.389028	0.822936	-1.21516	0.314285	0.794748	-1.25826
cg10063179	MTNR1A	0.0277619	0.365825	0.920247	-1.08666	0.642908	0.959095	-1.04265	0.295141	0.907447	-1.10199	0.089676	0.845894	-1.18218	0.00243179	0.685568	-1.45864
cg17314538	MTNR1A	0.0311195	0.21276	0.720457	-1.38801	0.0286679	0.524719	-1.90578	0.929233	1.02244	1.02244	0.820629	0.944839	-1.05838	0.054703	0.580147	-1.7237
cg18830831	MTNR1A	0.0476583	0.40614	0.844474	-1.18417	0.397462	0.841697	-1.18808	0.0553984	0.649272	-1.54019	0.116695	0.712457	-1.40359	0.608068	1.10837	1.10837
cg13171406	MTNR1B	0.00344438	0.00443804	0.37143	-2.6923	0.556996	1.16761	1.16761	0.00504613	0.380056	-2.63119	0.517925	0.842818	-1.1865	0.0244502	0.496894	-2.0125
cg19977866	MTNR1B	0.00485917	0.615193	1.09243	1.09243	0.00911183	0.56109	-1.78224	0.00317572	0.495163	-2.01954	0.0113031	1.73906	1.73906	0.0388155	1.51782	1.51782
cg06337557	MTNR1B	0.0115812	0.00555971	0.224649	-4.45139	0.00309988	0.190336	-5.25387	0.0654069	0.428344	-2.33457	0.0416391	0.381806	-2.61913	0.0063412	0.23297	-4.29239
cg17838516	MTNR1B	0.0171053	0.1639	1.97709	1.97709	0.00473691	5.59245	5.59245	0.87385	0.929687	-1.07563	0.912456	0.950789	-1.05176	0.210257	0.545635	-1.83273
cg05803237	MTNR1B	0.0208852	0.0790844	2.13168	2.13168	0.869832	0.938315	-1.06574	0.356003	0.691718	-1.44568	0.0619297	2.26163	2.26163	0.228202	0.612008	-1.63396
cg00528572	MTNR1B	0.0453892	0.0714348	5.26313	5.26313	0.0104963	14.2491	14.2491	0.76115	1.28595	1.28595	0.174519	3.29176	3.29176	0.788336	1.24854	1.24854
ch.6.1541695F	MTO1;MTO1;MTO1	0.000131237	0.0129508	0.848747	-1.17821	0.000437564	0.744219	-1.34369	9.62E-05	0.691454	-1.44623	0.000780755	0.763254	-1.31018	0.00202811	0.79343	-1.26035
cg11561443	MTO1;MTO1;MTO1	0.00111777	0.0692924	2.39576	2.39576	?	?	?	?	?	?	0.0333239	2.91346	2.91346	0.0179609	0.290475	-3.44264
cg19339848	MTO1;MTO1;MTO1	0.0113784	0.00488053	0.082555	-12.1131	0.0783524	0.270558	-3.69607	0.273695	0.466977	-2.14143	0.0427559	0.21032	-4.75465	?	?	?
cg09004581	MTO1;MTO1;MTO1	0.0317244	0.0165414	0.125465	-7.97032	0.0919143	0.26835	-3.72648	0.332786	0.492466	-2.0306	0.0847098	0.258778	-3.86432	0.0117079	0.107205	-9.32791
cg10315903	MTOR	4.62E-09	1.21E-09	0.133153	-7.51017	2.89E-09	0.164289	-6.08683	3.28E-07	2.6896	2.6896	0.0344545	1.17869	1.17869	0.0194249	1.20727	1.20727
cg12750884	MTOR	0.0011548	0.0207342	0.652443	-1.5327	0.299229	1.17939	1.17939	0.0328246	0.681897	-1.4665	0.203731	0.814061	-1.22841	0.000140218	0.364865	-2.74074
cg00997327	MTOR	0.00406697	0.443832	0.8919	-1.1212	0.00416947	0.569709	-1.75528	0.0014725	0.510385	-1.9593	0.857258	1.02673	1.02673	0.394979	0.880147	-1.13617
cg22730007	MTOR	0.0126726	0.897687	0.967838	-1.03323	0.0089071	2.32959	2.32959	0.966635	0.989427	-1.01069	0.639918	1.12719	1.12719	0.196132	0.706559	-1.41531
cg04310074	MTOR	0.015043	0.02994	0.561899	-1.77968	0.136112	0.695956	-1.43687	0.0929423	1.51769	1.51769	0.793473	1.06101	1.06101	0.412857	1.20798	1.20798
cg07922924	MTOR	0.0232104	0.0117139	0.353868	-2.82591	0.0878735	0.537217	-1.86144	0.0906564	1.84946	1.84946	0.01308	2.7603	2.7603	0.0501539	0.478725	-2.08888
cg24863624	MTOR	0.0310516	0.792688	0.938402	-1.06564	0.0135921	0.478546	-2.08966	0.007464	0.435403	-2.29672	0.836081	0.951221	-1.05128	0.344896	1.26468	1.26468
cg11750962	MTOR	0.0333356	0.0516209	0.258184	-3.87321	0.00219994	0.0725151	-13.7902	0.0431286	0.241158	-4.14666	0.253521	0.482435	-2.07282	0.0131902	0.152865	-6.54171
cg20240601	MTOR	0.0342167	0.135833	0.82456	-1.21277	0.908746	1.01386	1.01386	0.0011628	0.564165	-1.77253	0.441473	0.910102	-1.09878	0.480055	1.08998	1.08998
cg08248705	MTOR	0.0380494	0.00401673	0.23961	-4.17345	0.0167169	0.339687	-2.94388	0.0121562	0.314984	-3.17476	0.910585	0.959326	-1.0424	0.0623617	0.46051	-2.17151
cg21474053	MTOR	0.0393874	0.0155906	5.60703	5.60703	0.2612	1.97625	1.97625	0.930621	0.950637	-1.05193	0.106947	2.78184	2.78184	0.0892712	2.97227	2.97227
cg10222608	MTOR	0.0422358	0.0192665	0.186213	-5.3702	0.020354	0.190091	-5.26065	0.0607127	0.28495	-3.50938	0.365882	0.576035	-1.73601	0.0159783	0.173523	-5.76294
cg03296761	MTP18;MTP18	1.04E-05	0.00715102	0.605402	-1.6518	0.717286	1.05395	1.05395	0.00138707	1.95365	1.95365	0.428011	0.889655	-1.12403	0.000687686	0.472872	-2.11474
cg09275427	MTP18;MTP18	0.0074626	0.0717	0.429662	-2.32741	0.0045833	0.204846	-4.88171	0.029535	0.340789	-2.93437	0.22388	0.584626	-1.7105	0.000377742	0.0919352	-10.8772
cg07232648	MTP18;MTP18	0.044059	0.0630906	0.50839	-1.967	0.143907	1.6621	1.6621	0.0628663	1.96841	1.96841	0.912782	0.965166	-1.03609	0.197666	0.643623	-1.55371
cg21232129	MTP18;MTP18	0.0454089	0.00133424	0.222875	-4.48682	0.449802	0.78048	-1.28126	0.533826	0.816443	-1.22482	0.486402	1.25559	1.25559	0.266016	0.688661	-1.45209
cg00164189	MTP18;MTP18;SEC14L2	0.011	0.0197547	0.343881	-2.90798	0.00343161	0.221507	-4.51453	0.260732	0.640964	-1.56015	0.541436	0.791048	-1.26415	0.0249593	0.363629	-2.75006
cg22518127	MTP18;MTP18;SEC14L2	0.0358909	0.290281	1.1729	1.1729	0.0149799	1.54439	1.54439	0.0290299	1.45343	1.45343	0.290775	0.852738	-1.17269	0.0938563	1.30696	1.30696
cg22629853	MTPAP	5.37E-05	0.0462892	1.6111	1.6111	1.72E-05	0.158664	-6.30265	0.000758608	2.90469	2.90469	0.92513	1.01983	1.01983	0.0121168	0.520308	-1.92194
cg17308493	MTPAP	0.0025647	0.00100769	0.249434	-4.00908	0.261952	0.716896	-1.3949	0.456668	0.805987	-1.24071	0.210699	0.687119	-1.45535	0.0591204	0.545352	-1.83368
cg25833031	MTPAP	0.00406302	0.00163275	0.242024	-4.13183	0.00590645	0.322276	-3.10293	0.0280458	0.442265	-2.26109	0.00663347	0.33028	-3.02773	0.00111967	0.221198	-4.52083
cg26718574	MTPAP	0.0304635	0.378636	1.09787	1.09787	0.0695007	1.23353	1.23353	0.0912964	1.21196	1.21196	0.666176	0.956125	-1.04589	0.939591	1.00787	1.00787
cg13509954	MTPAP	0.0322073	0.637987	1.41911	1.41911	0.173054	2.91778	2.91778	0.77449	1.23635	1.23635	0.166214	2.97541	2.97541	0.00297801	0.0492997	-20.2841
cg26884567	MTPAP	0.0494721	0.00755371	2.56826	2.56826	0.849692	1.05345	1.05345	0.179473	0.67617	-1.47892	0.0600348	1.79	1.79	0.0221426	2.12302	2.12302
cg22530927	MTPN;LUZP6	0.00252538	0.839301	1.04583	1.04583	0.00876973	0.478718	-2.08891	8.68E-05	0.211465	-4.72892	0.627162	0.897615	-1.11406	0.741321	1.07584	1.07584
cg23398173	MTPN;LUZP6	0.00517723	0.00506644	0.156718	-6.38088	0.0100808	0.19713	-5.07281	0.82528	1.11692	1.11692	0.0194885	0.243595	-4.10518	0.0840694	0.384437	-2.60121
cg21537187	MTPN;LUZP6	0.0204483	0.00751889	0.0984655	-10.1558	0.0134754	0.127289	-7.85615	0.0836805	0.275271	-3.63278	0.0942958	0.289538	-3.45378	0.0134013	0.126985	-7.87495
cg08633923	MTR	0.00183945	0.00184641	0.582889	-1.71559	0.13397	0.82093	-1.21813	0.340067	0.886885	-1.12754	0.288713	0.874186	-1.14392	0.0434109	0.75308	-1.32788
cg24499975	MTR	0.00287085	0.352107	0.794982	-1.25789	0.000926955	3.27059	3.27059	0.98713	1.00387	1.00387	0.0944558	0.64374	-1.55342	0.021762	0.516911	-1.93457
cg17297354	MTR	0.00574633	0.0286263	0.375035	-2.66642	0.0272401	0.370639	-2.69805	0.00211369	0.193677	-5.16324	0.294451	1.51137	1.51137	0.278156	0.651597	-1.53469
cg13567025	MTR;MTR	0.0104401	0.0340322	1.2122	1.2122	0.555949	1.04742	1.04742	0.156024	0.888658	-1.12529	0.943308	1.00555	1.00555	0.0499252	1.18996	1.18996
cg17279524	MTR;MTR	0.0123546	?	?	?	0.00115953	3.45788	3.45788	0.119029	1.55256	1.55256	0.602145	1.14655	1.14655	0.296899	1.32471	1.32471
cg19921439	MTRF1	0.00107812	0.00129776	0.441648	-2.26425	0.000602652	2.51628	2.51628	0.000262907	2.84648	2.84648	0.354341	0.846874	-1.18081	0.428304	0.868447	-1.15148
cg25627728	MTRF1	0.00339381	0.144888	0.832354	-1.20141	0.000983111	1.77573	1.77573	0.84135	1.02377	1.02377	0.0379775	1.32574	1.32574	0.350904	0.893577	-1.1191
cg02178898	MTRF1	0.01691	0.591163	0.89833	-1.11318	0.00219544	2.33752	2.33752	0.00681428	1.99998	1.99998	0.422701	1.17577	1.17577	0.535331	0.883269	-1.13216
cg11095404	MTRF1	0.0173443	0.00177816	0.201412	-4.96494	0.991149	1.004	1.004	0.0142419	2.97117	2.97117	0.0664149	2.099	2.099	0.172899	0.59309	-1.68609
cg14338451	MTRF1	0.039554	0.221798	0.399749	-2.50157	0.0878297	0.260476	-3.83912	0.0176186	0.127212	-7.86087	0.93756	1.05754	1.05754	0.0289302	0.15898	-6.2901
cg26215849	MTRF1;MTRF1	0.0304628	0.0294956	0.256128	-3.9043	0.0458898	3.37342	3.37342	0.0754732	2.86197	2.86197	0.759616	0.849525	-1.17713	0.183164	0.47214	-2.11802
cg14185727	MTRF1L;MTRF1L	0.00217432	0.714342	1.13747	1.13747	0.000826042	0.171241	-5.83973	0.0413203	0.43841	-2.28097	0.942615	1.02554	1.02554	0.000638442	0.159264	-6.27888
cg11773265	MTRF1L;MTRF1L	0.00421279	?	?	?	0.170689	1.69323	1.69323	0.00065265	6.59525	6.59525	0.215298	1.60131	1.60131	0.0673919	0.477188	-2.09561
cg06529343	MTRF1L;MTRF1L	0.0132599	0.416704	0.897939	-1.11366	0.438036	0.90249	-1.10804	0.0368396	0.730158	-1.36957	0.521098	0.919105	-1.08801	0.00291096	0.588228	-1.70002
cg18075454	MTRF1L;MTRF1L	0.0186975	0.0546837	0.747373	-1.33802	0.901663	0.98362	-1.01665	0.0116639	0.656299	-1.5237	0.851456	0.975265	-1.02536	0.328831	1.14414	1.14414
cg14426517	MTRF1L;MTRF1L	0.0235366	0.254199	0.824102	-1.21344	0.958531	1.00848	1.00848	0.243044	0.819962	-1.21957	0.17128	0.789243	-1.26704	0.85753	1.02963	1.02963
cg00161367	MTRF1L;MTRF1L	0.0389012	0.0170566	0.316736	-3.1572	0.0439087	2.49788	2.49788	?	?	?	0.0198177	3.04067	3.04067	0.289824	1.5439	1.5439
cg07959982	MTRF1L;MTRF1L	0.0397839	0.875143	1.03106	1.03106	0.0418546	0.633644	-1.57817	0.771098	1.05839	1.05839	0.266298	1.25272	1.25272	0.645725	0.913889	-1.09422
cg00661010	MTRF1L;MTRF1L;MTRF1L;MTRF1L	0.00137584	0.214044	0.886649	-1.12784	8.86E-05	1.90716	1.90716	0.649438	1.04298	1.04298	0.525655	0.942574	-1.06092	0.124468	1.16528	1.16528
cg00214165	MTRR;FASTKD3;MTRR	0.00772643	0.00644455	0.452513	-2.20988	0.326005	0.796945	-1.25479	0.0813496	0.648942	-1.54097	0.0411576	1.69432	1.69432	0.00912694	0.476513	-2.09858
cg27381216	MTRR;FASTKD3;MTRR	0.00774081	0.40956	0.83645	-1.19553	0.7967	1.05619	1.05619	0.250934	1.28919	1.28919	0.0910689	1.48308	1.48308	0.0310439	0.585066	-1.70921
cg10300154	MTRR;FASTKD3;MTRR	0.0085709	0.0110868	0.305179	-3.27677	0.0212324	0.356268	-2.80688	0.463755	0.757375	-1.32035	0.145557	0.558593	-1.79021	0.035409	0.40141	-2.49122
cg01699524	MTRR;FASTKD3;MTRR	0.00874996	0.0416372	0.594053	-1.68335	0.706552	1.08748	1.08748	0.114013	0.683026	-1.46407	0.114297	1.46356	1.46356	0.334756	0.802058	-1.24679
cg15108958	MTRR;MTRR	0.00292025	0.481887	1.16925	1.16925	0.143205	0.70883	-1.41078	0.0154323	0.521984	-1.91577	0.109821	0.682982	-1.46417	0.000905107	0.337594	-2.96213
cg10995381	MTRR;MTRR	0.0153406	0.00785365	0.240572	-4.15675	0.0477782	0.388551	-2.57366	0.0220224	0.317526	-3.14935	0.234213	0.594011	-1.68347	0.0164103	0.293758	-3.40416
cg19778582	MTRR;MTRR	0.0351926	0.87817	0.969521	-1.03144	0.0189892	0.563776	-1.77375	0.00753472	0.499652	-2.00139	0.686091	1.08544	1.08544	0.385233	1.19677	1.19677
cg26794902	MTRR;MTRR;FASTKD3	0.0183152	0.385016	1.09995	1.09995	0.543346	0.936315	-1.06802	0.546313	1.06749	1.06749	0.247296	0.878627	-1.13814	0.804777	0.973858	-1.02684
cg21803417	MTRR;MTRR;FASTKD3	0.0200139	0.201019	0.736665	-1.35747	0.902223	1.02821	1.02821	0.78907	1.06256	1.06256	0.000396793	0.279081	-3.58318	0.0438581	0.592005	-1.68917
cg07560087	MTSS1	3.54E-05	0.000883633	0.335367	-2.98181	6.04E-06	0.0914984	-10.9292	0.0478406	0.62276	-1.60576	0.000442998	0.293107	-3.41172	2.20E-06	0.0622332	-16.0686
cg18939260	MTSS1	6.43E-05	0.271032	0.827333	-1.2087	0.0427043	1.47094	1.47094	0.00474997	1.85936	1.85936	5.81E-06	5.39928	5.39928	0.00220451	0.491738	-2.0336
cg18893120	MTSS1	0.0001012	0.114353	1.31457	1.31457	0.395494	0.870587	-1.14865	0.702516	0.940717	-1.06302	8.38E-06	4.69335	4.69335	0.947397	0.989547	-1.01056
cg19523819	MTSS1	0.00186409	0.156251	1.23408	1.23408	0.0736625	1.31854	1.31854	0.00228054	1.80701	1.80701	0.000169066	2.42867	2.42867	0.530416	1.09213	1.09213
cg26069068	MTSS1	0.00312885	0.541534	1.10953	1.10953	0.408226	1.15289	1.15289	0.00566635	1.84126	1.84126	9.70E-05	3.20804	3.20804	0.572701	1.10061	1.10061
cg00028431	MTSS1	0.017551	0.093635	0.49497	-2.02032	0.0887927	0.48871	-2.0462	0.150429	0.555483	-1.80023	0.18859	0.587826	-1.70118	0.00057839	0.131237	-7.61982
cg27038717	MTSS1	0.0180488	0.0223241	0.495133	-2.01966	0.0210243	0.490351	-2.03936	0.0587411	0.578039	-1.72999	0.777541	1.07543	1.07543	0.00161073	0.313153	-3.19333
cg04120546	MTSS1	0.0403394	0.0116298	0.730566	-1.3688	0.232866	1.1326	1.1326	0.0625197	1.23202	1.23202	0.678136	1.04242	1.04242	0.0874557	1.20658	1.20658
cg20392615	MTSS1	0.0441891	0.668854	0.912717	-1.09563	0.0520303	1.59865	1.59865	0.032722	1.69953	1.69953	0.0344604	1.68793	1.68793	0.961015	1.01043	1.01043
cg15235922	MTSS1	0.0490546	0.0588483	0.614387	-1.62764	0.628065	1.11789	1.11789	0.284037	1.28926	1.28926	0.880098	1.03506	1.03506	0.0261701	0.54757	-1.82625
cg16500409	MTSS1;MTSS1	0.00275466	0.312335	1.22619	1.22619	0.000131212	0.273885	-3.65117	0.140967	1.36198	1.36198	0.303662	0.81232	-1.23104	0.0215642	1.71337	1.71337
cg27136289	MTSS1;MTSS1	0.0461322	0.00134123	0.137162	-7.29064	0.79112	1.1198	1.1198	0.322111	1.54652	1.54652	0.549484	1.29454	1.29454	0.674791	1.19708	1.19708
cg07459409	MTSS1L	0.000268941	0.00155609	1.8357	1.8357	0.588921	1.07558	1.07558	0.352317	0.880009	-1.13635	0.00461804	1.65425	1.65425	0.000694612	0.501004	-1.99599
cg07504768	MTSS1L	0.00133554	0.259032	1.2675	1.2675	0.00166378	2.47323	2.47323	0.929532	1.01796	1.01796	0.0270873	1.69339	1.69339	0.00659859	0.491645	-2.03399
cg04961620	MTSS1L	0.00274464	0.144474	0.836727	-1.19513	0.0045481	1.53694	1.53694	0.026366	1.34916	1.34916	0.0352473	0.756638	-1.32164	0.326511	0.891194	-1.12209
cg03146981	MTSS1L	0.00299413	0.0842001	0.817538	-1.22319	0.294871	1.12138	1.12138	0.647344	0.952592	-1.04977	0.171507	0.857693	-1.16592	0.0153632	0.730735	-1.36849
cg07813065	MTSS1L	0.00887749	0.00537193	3.24578	3.24578	0.0155793	2.59246	2.59246	0.0311157	2.25371	2.25371	0.0284474	2.2946	2.2946	0.0847987	1.84443	1.84443
cg08573648	MTSS1L	0.0129324	0.636125	1.09862	1.09862	0.0113771	0.535144	-1.86866	0.0439704	1.57904	1.57904	0.417876	0.849278	-1.17747	0.465504	0.863664	-1.15786
cg00147286	MTSS1L	0.0169847	0.00356241	12.6563	12.6563	0.0238636	5.65706	5.65706	0.220004	2.29084	2.29084	0.08845	3.34712	3.34712	0.149097	2.70319	2.70319
cg07128900	MTSS1L	0.0178805	0.0183803	8.45402	8.45402	0.00449948	16.872	16.872	0.0683548	4.58455	4.58455	0.0741832	4.41329	4.41329	0.472896	1.72416	1.72416
cg19075081	MTSS1L	0.0239995	0.00997092	4.54912	4.54912	0.00505881	5.61606	5.61606	0.0204689	3.66986	3.66986	0.110797	2.24539	2.24539	0.581212	1.29612	1.29612
cg01834160	MTSS1L	0.0472862	0.0280332	6.98642	6.98642	0.015171	9.34147	9.34147	0.017192	8.79996	8.79996	0.104958	3.77041	3.77041	0.310188	2.19592	2.19592
cg17195706	MTTP	0.000303963	0.603764	1.13507	1.13507	0.000460311	0.263381	-3.79678	0.580442	0.873637	-1.14464	0.0896985	0.635928	-1.5725	0.00026689	0.23505	-4.25441
cg13955622	MTTP	0.0373015	0.015231	0.44258	-2.25948	0.14	0.647735	-1.54384	0.0309082	0.500032	-1.99987	0.24097	1.39895	1.39895	0.304893	0.74783	-1.3372
cg25779349	MTTP;RG9MTD2;RG9MTD2;MTTP;RG9MTD2	0.00224768	0.0196623	0.29036	-3.444	0.0153908	3.74467	3.74467	0.0352939	2.84968	2.84968	0.000383014	0.0456073	-21.9263	0.310156	0.661677	-1.51131
cg20517154	MTUS1;MTUS1	1.63E-14	?	?	?	1.47E-14	0.207408	-4.82141	4.80E-14	0.418675	-2.38849	?	?	?	9.15E-15	7.34826	7.34826
cg23002008	MTUS1;MTUS1	0.00244519	0.392611	1.11316	1.11316	0.0480897	0.758399	-1.31857	0.0500987	0.760761	-1.31447	0.000560757	1.92481	1.92481	0.00286884	1.65215	1.65215
cg04898035	MTUS1;MTUS1	0.00595015	0.168231	0.810165	-1.23432	0.00111515	1.99049	1.99049	0.0179511	1.51026	1.51026	0.110604	0.779388	-1.28306	0.108304	0.7779	-1.28551
cg22996534	MTUS1;MTUS1	0.0129555	0.605477	0.747618	-1.33758	0.627499	0.761122	-1.31385	0.993118	1.00483	1.00483	?	?	?	0.490993	1.47772	1.47772
cg22807551	MTUS1;MTUS1	0.0131354	0.110596	1.73614	1.73614	0.00111934	4.58443	4.58443	0.895958	0.959336	-1.04239	0.0641011	1.93519	1.93519	0.497286	0.803593	-1.24441
cg06093279	MTUS1;MTUS1;MTUS1;MTUS1	0.00173785	0.0382167	0.72417	-1.38089	0.0233016	1.43944	1.43944	0.167704	1.21844	1.21844	0.103179	0.787017	-1.27062	0.656777	0.94168	-1.06193
cg22348298	MTUS1;MTUS1;MTUS1;MTUS1	0.0236268	0.0918478	0.562054	-1.77919	0.747848	1.10532	1.10532	0.214518	0.66653	-1.50031	0.677711	0.87832	-1.13854	0.00148118	0.240866	-4.15168
cg17644611	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1	4.74E-05	0.0148187	2.09766	2.09766	0.00307119	2.72265	2.72265	0.000926893	3.39427	3.39427	0.00510649	2.49516	2.49516	0.00231114	2.86314	2.86314
cg16493813	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1	0.000926559	0.930623	0.979114	-1.02133	0.000269685	4.25582	4.25582	0.00278431	2.7167	2.7167	0.855665	1.04512	1.04512	0.0391801	0.560746	-1.78334
cg03508052	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1	0.036816	0.865233	0.91015	-1.09872	0.00559075	7.51364	7.51364	0.0193781	4.79241	4.79241	0.58187	1.36103	1.36103	0.407135	1.59997	1.59997
cg07007762	MTUS2	1.45E-05	0.00735507	0.600775	-1.66452	4.98E-06	0.215511	-4.64014	9.87E-06	0.24638	-4.05877	0.155202	0.799034	-1.25151	7.79E-06	0.235503	-4.24623
cg00109148	MTUS2	3.28E-05	0.310563	0.830808	-1.20365	0.349953	0.843694	-1.18526	0.253639	1.23443	1.23443	4.90E-05	0.259759	-3.84971	7.79E-05	0.282784	-3.53627
cg18810376	MTUS2	0.000222307	0.00902671	0.379921	-2.63212	0.817777	1.06961	1.06961	0.000609378	0.2144	-4.66419	0.389443	0.773251	-1.29324	1.14E-05	0.0661848	-15.1092
cg01807433	MTUS2	0.000519512	0.0281305	0.622393	-1.6067	0.878323	1.02841	1.02841	0.00016734	0.309781	-3.22808	0.00394202	2.03243	2.03243	0.909917	1.02091	1.02091
cg09323793	MTUS2	0.00393923	0.0017054	0.18291	-5.46718	0.725393	1.14308	1.14308	0.0792915	0.477741	-2.09319	0.157088	0.56338	-1.775	0.962762	1.01786	1.01786
cg00252121	MTUS2	0.00440137	0.000617868	0.327574	-3.05275	0.00321353	0.426738	-2.34336	0.0284843	0.57842	-1.72885	0.0694012	0.650415	-1.53748	0.0112276	0.510309	-1.9596
cg01010012	MTUS2	0.00766103	0.751308	1.04415	1.04415	0.028382	0.703556	-1.42135	0.0216533	0.687508	-1.45453	0.0231754	0.691514	-1.4461	0.233588	1.18496	1.18496
cg10617192	MTUS2	0.00780544	0.00889277	0.28688	-3.48578	0.75941	0.89117	-1.12212	0.0342669	0.395967	-2.52546	0.428389	1.35427	1.35427	0.00118818	0.168176	-5.94616
cg03729035	MTUS2	0.00873907	0.00549263	0.262897	-3.80378	0.00424572	0.246478	-4.05717	0.0584671	0.457317	-2.18667	0.187676	0.599917	-1.6669	0.00397669	0.242423	-4.12502
cg07790085	MTUS2	0.048382	0.00555809	0.103623	-9.65032	0.900589	0.925172	-1.08088	0.0239893	0.18715	-5.34329	0.109139	0.33714	-2.96612	0.212802	0.441925	-2.26283
cg24289821	MTUS2;MTUS2	1.10E-06	4.16E-07	0.133601	-7.48495	0.00027788	0.435303	-2.29725	1.18E-05	0.273676	-3.65395	0.313833	0.86446	-1.15679	1.07E-06	0.168634	-5.93
cg18247090	MTUS2;MTUS2	3.31E-06	6.43E-07	0.234751	-4.25983	0.828903	0.977212	-1.02332	0.211489	0.869179	-1.15051	0.00276702	1.55214	1.55214	0.000104935	0.481904	-2.0751
cg20944177	MTUS2;MTUS2	4.56E-06	0.00100569	0.594295	-1.68267	0.000657747	0.573296	-1.7443	0.0187934	0.738267	-1.35452	0.00154465	0.615437	-1.62486	4.81E-08	0.132235	-7.56227
cg21604325	MTUS2;MTUS2	3.81E-05	1.60E-06	0.23797	-4.20221	0.00547045	0.647918	-1.54341	0.134105	0.825378	-1.21157	0.0408344	1.32371	1.32371	0.349612	0.891923	-1.12117
cg14365785	MTUS2;MTUS2	0.000293585	7.24E-05	0.0549916	-18.1846	0.620421	0.81836	-1.22196	0.0158591	0.305337	-3.27507	0.95884	0.979491	-1.02094	4.34E-05	0.0443412	-22.5524
cg23990624	MTUS2;MTUS2	0.000752467	0.0443463	0.77764	-1.28594	0.22946	0.871696	-1.14719	0.00677714	1.46539	1.46539	0.224958	0.870416	-1.14888	0.0745438	1.24151	1.24151

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25405723	0.748363	0.887279	-1.12704	0.105391	0.518209	-1.92972	0.123577	1.8585	1.8585	0.27664	0.656748	-1.52265	3.60724	7.88792	1.94372	1
cg15411402	0.794979	0.946903	-1.05607	0.0194012	0.553111	-1.80795	0.180704	1.34687	1.34687	0.00187742	2.51858	2.51858	4.73894	3.29447	0.617947	1
cg04556220	0.901862	0.987934	-1.01221	0.00363548	0.678959	-1.47284	0.495139	0.934108	-1.07054	0.989069	1.00135	1.00135	50.5942	7.75938	0.136324	1
cg09586322	0.330768	1.33647	1.33647	0.00182613	0.278011	-3.59698	0.274001	1.38954	1.38954	0.742913	1.09979	1.09979	18.9059	25.0098	1.17587	1
cg11960677	0.223682	1.36112	1.36112	0.0337915	1.81803	1.81803	2.12E-05	7.88851	7.88851	0.417059	1.22142	1.22142	14.5587	13.4109	0.818806	1
cg20457180	0.0882652	0.575107	-1.73881	0.00658539	0.354251	-2.82285	0.975375	0.990963	-1.00912	0.334938	0.746424	-1.33972	10.6918	14.648	1.21779	1
cg11546106	0.762644	0.959604	-1.0421	0.307057	0.865933	-1.15482	0.711662	1.05184	1.05184	0.0101233	1.55526	1.55526	7.26116	2.13124	0.2609	1
cg09756525	0.00286989	0.613783	-1.62924	0.000287474	0.494431	-2.02253	0.83571	1.02502	1.02502	0.33634	0.888717	-1.12522	6.79314	1.52379	0.199389	1
cg06763823	0.238762	1.77615	1.77615	0.582138	0.772022	-1.2953	0.588616	1.28946	1.28946	0.435229	1.44867	1.44867	6.48679	22.2692	3.05155	1
cg15647481	0.0597216	1.99422	1.99422	0.134984	1.6879	1.6879	0.00152305	4.40548	4.40548	0.146985	1.65803	1.65803	5.26411	8.79912	1.48581	1
cg07033820	0.324584	0.872225	-1.14649	0.000688208	0.498341	-2.00666	0.681152	0.945992	-1.05709	0.14223	1.23617	1.23617	4.13815	1.18359	0.254239	1
cg05329915	0.00314981	0.405369	-2.46689	0.00161198	0.363561	-2.75057	0.802034	1.05782	1.05782	0.0473843	0.601955	-1.66125	12.2267	9.69504	0.704836	1
cg10414052	0.137188	0.802766	-1.24569	9.50E-05	0.385242	-2.59577	0.433749	0.896181	-1.11585	0.0164244	0.668718	-1.4954	9.69511	2.89152	0.265106	1
cg02226934	0.0595452	1.4352	1.4352	0.0579986	1.43919	1.43919	0.466563	0.88172	-1.13415	0.341513	0.846604	-1.18119	9.36399	4.28102	0.406382	1
cg08677803	0.930729	1.02205	1.02205	0.000285969	0.226283	-4.41924	0.694099	0.905592	-1.10425	0.217341	1.38488	1.38488	9.32278	9.29323	0.886071	1
cg06293787	0.0242788	1.82787	1.82787	0.458986	1.18455	1.18455	0.0574071	0.617078	-1.62054	0.26381	1.29906	1.29906	6.82905	5.45678	0.710271	1
cg06453997	0.137682	1.32255	1.32255	0.190858	1.27407	1.27407	0.114232	0.740485	-1.35047	0.603463	0.912433	-1.09597	6.41093	3.10512	0.430531	1
cg18849737	0.100176	0.373915	-2.67441	0.475846	0.673027	-1.48583	0.0031004	0.109696	-9.11613	0.0358805	0.263617	-3.79339	5.84385	27.606	4.19906	1
cg06039392	0.420542	0.833881	-1.19921	0.00190131	2.64119	2.64119	0.502445	1.16213	1.16213	0.014055	0.512059	-1.9529	5.84001	4.50755	0.68608	1
cg10063179	0.0492493	1.22235	1.22235	0.741279	0.970797	-1.03008	0.133054	1.156	1.156	0.251191	1.1132	1.1132	4.2004	0.532322	0.11265	1
cg17314538	0.309938	0.76912	-1.30019	0.455928	0.82719	-1.20891	0.00328542	2.7205	2.7205	0.284528	0.757482	-1.32016	4.03389	3.98807	0.878791	1
cg18830831	0.0221307	1.72581	1.72581	0.0283283	1.67345	1.67345	0.146224	1.36376	1.36376	0.575653	0.89361	-1.11906	3.45027	2.16193	0.556976	1
cg13171406	0.633883	1.13334	1.13334	0.00800184	0.412033	-2.42699	0.12188	0.645686	-1.54874	0.000265104	0.209572	-4.77162	8.21307	8.85285	0.958132	1
cg19977866	0.740127	1.05978	1.05978	0.0144037	0.590911	-1.6923	0.0760726	1.41101	1.41101	0.57052	0.904841	-1.10517	7.40283	3.56695	0.428299	1
cg06337557	0.0150648	0.293845	-3.40315	0.0110041	0.270449	-3.69755	0.875353	0.937674	-1.06647	0.115247	0.495587	-2.01781	5.63801	15.0064	2.36591	1
cg17838516	0.263663	0.58587	-1.70686	0.0354571	0.325123	-3.07575	0.00903556	4.58475	4.58475	0.234282	0.564336	-1.77199	4.95922	16.5367	2.96404	1
cg05803237	0.210671	0.599273	-1.66869	0.0279013	0.364717	-2.74185	0.00655624	3.93905	3.93905	0.067851	2.21228	2.21228	4.6357	11.0653	2.12175	1
cg00528572	0.440849	1.91245	1.91245	0.0073363	17.3075	17.3075	0.0111315	13.807	13.807	0.522189	1.70757	1.70757	3.51417	37.8732	9.57981	1
ch.6.1541695F	7.15E-06	0.590224	-1.69427	0.0782818	0.901226	-1.1096	0.0541822	0.890314	-1.1232	0.795331	1.01392	1.01392	20.5842	0.921552	0.0397955	1
cg11561443	0.34755	1.51562	1.51562	0.04266	0.366667	-2.72727	?	?	?	0.000172824	0.0644276	-15.5213	12.452	24.3015	2.60216	1
cg19339848	0.450669	1.67163	1.67163	0.0230146	0.16242	-6.15687	0.0170251	0.14299	-6.99351	0.00246726	0.0599509	-16.6803	5.782	36.3772	6.29147	1
cg09004581	0.704374	1.3103	1.3103	0.00612224	0.0791626	-12.6322	0.0458309	0.197321	-5.0679	0.0545221	0.212996	-4.69492	4.00625	31.8928	7.07621	1
cg10315903	5.43E-08	0.287751	-3.47523	1.31E-06	0.437366	-2.28641	0.00251251	1.32278	1.32278	0.68272	0.972977	-1.02777	285.601	20.0975	0.0625503	1
cg12750884	0.000153847	0.369798	-2.70418	0.126333	0.775981	-1.28869	0.0959417	0.755478	-1.32367	0.220413	1.21845	1.21845	11.2948	4.20698	0.331085	1
cg00997327	0.0450795	1.40067	1.40067	0.00327364	1.79925	1.79925	0.186215	0.81435	-1.22797	0.360133	0.871213	-1.14782	7.81327	2.65729	0.302311	1
cg22730007	0.0178764	0.481209	-2.0781	0.00174867	0.321842	-3.10712	0.427699	1.22847	1.22847	0.28259	0.752971	-1.32807	5.47553	5.59987	0.909074	1
cg04310074	0.302429	1.27266	1.27266	0.00528533	2.29295	2.29295	0.324472	1.25816	1.25816	0.0101938	0.481346	-2.07751	5.1758	4.17556	0.717109	1
cg07922924	0.320167	0.712595	-1.40332	0.843332	1.06745	1.06745	0.130458	0.583478	-1.71386	0.464453	0.782239	-1.27838	4.4708	7.70437	1.53179	1
cg24863624	0.49043	1.18422	1.18422	0.304868	1.29235	1.29235	0.245615	1.3406	1.3406	0.0433033	1.75248	1.75248	4.03703	3.72502	0.820189	1
cg11750962	0.375523	0.573539	-1.74356	0.028754	0.206677	-4.83848	0.332833	0.543004	-1.84161	0.225751	0.459509	-2.17623	3.93571	23.2895	5.25999	1
cg20240601	0.89238	1.01638	1.01638	0.118982	0.81621	-1.22517	0.150178	1.20336	1.20336	0.362917	0.893843	-1.11876	3.89889	0.889427	0.202776	1
cg08248705	0.536983	0.793677	-1.25996	0.78321	0.903078	-1.10732	0.925054	0.965819	-1.03539	0.154288	0.569118	-1.7571	3.75135	8.1176	1.92348	1
cg21474053	0.129168	2.59402	2.59402	0.0363311	4.11526	4.11526	0.0070476	7.57516	7.57516	0.0139671	5.84123	5.84123	3.70411	19.827	4.75796	1
cg10222608	0.0793511	0.31463	-3.17834	0.00907349	0.139633	-7.16164	0.154651	0.404744	-2.4707	0.108469	0.353597	-2.82807	3.60982	20.1544	4.96286	1
cg03296761	0.519402	1.09896	1.09896	0.0015159	0.516838	-1.93484	3.01E-07	8.74879	8.74879	0.640379	1.07035	1.07035	40.1138	13.2637	0.293914	1
cg09275427	0.402312	1.43343	1.43343	0.106949	0.477448	-2.09447	0.0649801	0.418738	-2.38813	0.029205	0.339785	-2.94304	6.48415	18.1229	2.4844	1
cg07232648	0.139918	0.598126	-1.67189	0.00793073	0.332299	-3.00934	0.865007	0.946427	-1.05661	0.387605	1.33184	1.33184	3.55349	5.89335	1.47419	1
cg21232129	?	?	?	0.0722475	0.524322	-1.90723	0.454711	0.78265	-1.27771	0.99862	1.00056	1.00056	3.56692	5.20112	1.45815	1
cg00164189	0.0769844	0.474416	-2.10785	0.002427	0.201744	-4.95678	0.0031728	0.216918	-4.61003	0.11437	0.521434	-1.91779	5.73252	13.0538	2.02413	1
cg22518127	0.181784	1.2287	1.2287	0.0210563	0.668173	-1.49662	0.841048	1.02961	1.02961	0.347389	1.15095	1.15095	3.83205	1.28145	0.297248	1
cg22629853	0.000587766	3.03281	3.03281	0.000242498	0.281409	-3.55355	0.0443154	1.62023	1.62023	0.00729308	0.485364	-2.06031	26.1284	18.0593	0.614379	1
cg17308493	0.00231007	0.297806	-3.35789	0.000645917	0.22555	-4.43361	0.922012	0.972523	-1.02825	0.000873873	0.241629	-4.13857	8.96434	11.4937	1.13969	1
cg25833031	0.222523	0.668283	-1.49637	0.965212	0.986381	-1.01381	0.0649521	0.521211	-1.91861	0.00264845	0.27048	-3.69713	7.81556	12.2359	1.39163	1
cg26718574	0.369193	0.909067	-1.10003	0.00291277	0.65515	-1.52637	0.0738668	0.813871	-1.2287	0.228177	0.877436	-1.13968	4.06462	0.687904	0.150437	1
cg13509954	0.0187997	0.122167	-8.18552	0.993994	0.994456	-1.00557	0.251658	0.412916	-2.4218	0.535066	1.59035	1.59035	3.98465	34.4251	7.67948	1
cg26884567	0.383556	0.782534	-1.2779	0.870173	1.04591	1.04591	0.37897	0.780584	-1.28109	0.551907	1.1796	1.1796	3.40182	4.05799	1.06034	1
cg22530927	0.459739	0.846962	-1.18069	0.0126809	1.98109	1.98109	0.523448	1.15337	1.15337	0.716929	0.922795	-1.08366	9.00522	6.94502	0.68553	1
cg23398173	0.0410192	0.307486	-3.25218	0.00041368	0.0606456	-16.4892	0.00615966	0.167443	-5.97217	0.621367	0.77958	-1.28274	7.26089	28.7646	3.5214	1
cg21537187	0.708438	0.776361	-1.28806	0.00716149	0.0963391	-10.38	0.0118991	0.120591	-8.29251	0.400943	0.560265	-1.78487	4.66923	33.5798	6.39265	1
cg08633923	0.22019	0.854381	-1.17044	4.03E-05	0.383906	-2.60481	0.0857598	0.793075	-1.26091	0.244705	1.16018	1.16018	9.87944	2.33218	0.209834	1
cg24499975	0.0428563	0.572086	-1.74799	0.00280912	0.372925	-2.68151	0.00470631	0.406588	-2.45949	0.535864	0.860526	-1.16208	8.67058	7.88363	0.808213	1
cg17297354	0.00706442	0.26651	-3.75221	0.000939402	0.153436	-6.51739	0.881558	0.944945	-1.05826	0.0377676	0.400464	-2.4971	7.03219	16.0677	2.031	1
cg13567025	0.314201	1.08432	1.08432	0.200447	1.11092	1.11092	0.236732	0.908079	-1.10123	0.00036912	1.55805	1.55805	5.82963	0.558565	0.0851688	1
cg17279524	0.0726513	0.594097	-1.68323	0.0227241	0.492137	-2.03196	0.779069	0.929485	-1.07586	0.961553	0.987545	-1.01261	5.62865	5.35694	0.951728	1
cg19921439	0.647228	0.922779	-1.08368	0.289047	1.21162	1.21162	0.618818	1.09143	1.09143	0.270025	1.22181	1.22181	11.5179	5.54969	0.428295	1
cg25627728	0.387643	1.10935	1.10935	0.000682332	0.544325	-1.83714	0.262004	1.14692	1.14692	0.351636	1.11889	1.11889	8.24946	1.79458	0.193368	1
cg02178898	0.145391	0.734079	-1.36225	0.0736582	0.67416	-1.48333	0.904555	1.024	1.024	0.430882	1.1723	1.1723	4.97831	3.08255	0.550397	1
cg11095404	0.405865	0.736179	-1.35837	0.602807	1.20815	1.20815	0.586189	0.820388	-1.21894	0.330187	1.43607	1.43607	4.93624	10.1418	1.82627	1
cg14338451	0.124299	0.304731	-3.28158	0.00475508	0.0687765	-14.5399	0.935699	1.05931	1.05931	0.0361813	0.175623	-5.69402	3.69837	29.8637	7.17763	1
cg26215849	0.00938595	0.173756	-5.7552	0.985765	0.990565	-1.00952	0.145248	2.29584	2.29584	0.860454	0.910739	-1.09801	4.06465	18.1759	3.97485	1
cg14185727	0.0033229	0.246419	-4.05813	0.0619505	2.08854	2.08854	0.81359	0.920569	-1.08628	0.0132864	0.34131	-2.92989	9.40954	18.2951	1.72828	1
cg11773265	0.95126	1.02231	1.02231	0.00381426	0.244564	-4.08891	0.0851475	1.98797	1.98797	0.796709	0.911022	-1.09767	7.89865	14.49	1.83449	1
cg06529343	0.0875901	0.783039	-1.27708	0.0129488	0.670277	-1.49192	0.0640549	1.30986	1.30986	0.0625243	1.31242	1.31242	5.39512	1.43734	0.236814	1
cg18075454	0.00527377	0.611742	-1.63468	0.111307	1.2608	1.2608	0.0369442	0.723441	-1.38228	0.210481	1.1928	1.1928	4.81308	1.36074	0.251303	1
cg14426517	0.670276	0.932775	-1.07207	0.000473606	0.409823	-2.44008	0.652306	1.07648	1.07648	0.221066	1.23247	1.23247	4.4493	1.86045	0.371684	1
cg00161367	0.95708	0.978949	-1.0215	0.276818	0.639455	-1.56383	0.412009	0.717783	-1.39318	0.34609	1.46753	1.46753	3.77993	8.31597	2.20003	1
cg07959982	0.00747529	1.9541	1.9541	0.0160179	0.563532	-1.77452	0.507336	0.87735	-1.1398	0.942708	1.01408	1.01408	3.69049	2.21184	0.532742	1
cg00661010	0.10534	1.17671	1.17671	0.00365731	0.696661	-1.43542	0.385316	0.921411	-1.08529	0.00888768	1.35823	1.35823	10.7431	1.43891	0.119056	1
cg00214165	0.0234526	1.83282	1.83282	0.0540877	0.613048	-1.63119	0.0924775	1.51348	1.51348	0.487921	1.17084	1.17084	6.41391	5.08842	0.705193	1
cg27381216	0.0127038	1.92662	1.92662	0.00095163	0.352447	-2.83731	0.207646	1.32491	1.32491	0.312957	1.24733	1.24733	6.41016	4.55205	0.631227	1
cg10300154	0.0441815	0.422526	-2.36672	0.000346864	0.117133	-8.53727	0.0104384	0.300753	-3.32498	0.156845	0.568778	-1.75815	6.2077	13.6523	1.9549	1
cg01699524	0.00578417	2.22935	2.22935	0.00254127	0.395061	-2.53126	0.098701	1.49401	1.49401	0.472707	1.1758	1.1758	6.16721	4.80219	0.692147	1
cg15108958	0.00687119	0.465057	-2.15027	0.000504126	0.304381	-3.28536	0.854508	1.04097	1.04097	0.00515762	0.445784	-2.24324	8.62684	6.53758	0.673617	1
cg10995381	0.0124424	0.272772	-3.66606	0.0116648	0.26806	-3.7305	0.145525	1.92087	1.92087	0.158799	0.533075	-1.87591	5.14234	14.2084	2.45601	1
cg19778582	0.152915	0.73427	-1.3619	0.119837	1.40569	1.40569	0.0781406	1.48428	1.48428	0.772806	0.943261	-1.06015	3.85945	2.4888	0.573208	1
cg26794902	0.236292	0.87569	-1.14196	0.000354877	0.541477	-1.8468	0.224303	1.1463	1.1463	0.53366	0.934792	-1.06976	4.84673	0.878295	0.161079	1
cg21803417	0.424598	1.20267	1.20267	0.712735	0.919715	-1.08729	0.907414	1.02668	1.02668	0.640796	0.899113	-1.11221	4.70345	3.81528	0.721037	1
cg07560087	0.947418	1.01361	1.01361	0.399171	0.837329	-1.19427	0.00119357	0.354451	-2.82126	0.393497	0.835434	-1.19698	39.498	25.7242	0.506551	1
cg18939260	0.000592448	2.40466	2.40466	0.757671	1.05252	1.05252	0.000136878	2.97803	2.97803	0.00417065	1.88711	1.88711	24.9018	10.7905	0.385177	1
cg18893120	0.197496	1.24229	1.24229	0.0425956	1.45035	1.45035	3.35E-05	3.59981	3.59981	0.000148162	2.82564	2.82564	22.07	8.86546	0.357064	1
cg19523819	0.0109959	1.55647	1.55647	0.214896	1.19847	1.19847	0.0013843	1.9021	1.9021	0.00152449	1.88302	1.88302	9.84133	2.9974	0.270731	1
cg26069068	0.303001	1.19655	1.19655	0.371224	1.16698	1.16698	0.00352261	1.94542	1.94542	0.0106212	1.71663	1.71663	8.45185	3.78644	0.398224	1
cg00028431	0.0160188	0.324807	-3.07875	0.0319841	0.383488	-2.60764	0.739991	0.880707	-1.13545	0.051671	0.42968	-2.32731	4.91666	11.3285	2.0481	1
cg27038717	0.339151	0.776519	-1.2878	0.029972	0.519169	-1.92615	0.703345	1.10321	1.10321	0.0329597	0.527129	-1.89707	4.87069	5.08435	0.927881	1
cg04120546	0.992226	0.999031	-1.00097	0.852	0.981582	-1.01876	0.0633461	1.23101	1.23101	0.0293028	1.29118	1.29118	3.67169	0.576136	0.139478	1
cg20392615	0.462823	1.17191	1.17191	0.673634	1.09408	1.09408	0.00267465	2.4139	2.4139	0.860005	1.03818	1.03818	3.54958	2.53277	0.634259	1
cg15235922	0.52774	0.864111	-1.15726	0.232059	1.33125	1.33125	0.0105264	2.08504	2.08504	0.4417	0.836033	-1.19612	3.41278	2.81683	0.733669	1
cg16500409	0.708538	1.07602	1.07602	0.00973882	0.528405	-1.89249	0.201296	0.768511	-1.30122	0.891551	1.02697	1.02697	8.77726	5.29171	0.535901	1
cg27136289	0.4306	0.709689	-1.40907	0.0854193	0.44462	-2.24911	0.572419	0.784152	-1.27526	0.710399	1.17233	1.17233	3.49282	10.0518	2.55808	1
cg07459409	0.00348131	0.588882	-1.69813	0.115225	0.795557	-1.25698	0.000104501	2.4989	2.4989	0.359647	0.881808	-1.13403	16.949	4.78763	0.251088	1
cg07504768	0.0236841	1.72233	1.72233	0.000991712	0.373473	-2.67757	0.209307	1.30524	1.30524	0.0163831	0.553994	-1.80507	10.835	6.95374	0.570473	1
cg04961620	0.0661289	0.79104	-1.26416	0.000439487	0.531825	-1.88032	0.945364	0.992237	-1.00782	0.154304	1.18935	1.18935	8.78671	1.79959	0.182052	1
cg03146981	0.0965196	0.824967	-1.21217	8.84E-05	0.476815	-2.09725	?	?	?	0.290012	1.12277	1.12277	8.75403	1.37038	0.156543	1
cg07813065	0.0224067	2.40762	2.40762	0.368985	0.743532	-1.34493	0.00120403	4.58707	4.58707	0.053445	2.02296	2.02296	6.139	10.0295	1.45221	1
cg08573648	0.758113	1.06286	1.06286	0.0167664	0.562099	-1.77905	0.00510493	2.0756	2.0756	0.160955	1.34379	1.34379	5.4394	3.35492	0.54825	1
cg00147286	0.128161	2.87801	2.87801	0.0527054	4.11877	4.11877	0.00287724	13.944	13.944	0.00771473	9.02554	9.02554	4.97098	32.5252	5.816	1
cg07128900	0.817764	1.18794	1.18794	0.330101	2.1168	2.1168	0.00675608	13.7355	13.7355	0.00408737	17.7277	17.7277	4.88605	43.0848	7.83814	1
cg19075081	0.0979634	2.32827	2.32827	0.618624	1.26318	1.26318	0.0094489	4.62424	4.62424	0.0304378	3.26821	3.26821	4.41943	15.1703	3.05124	1
cg01834160	0.332676	2.11399	2.11399	0.386762	1.94367	1.94367	0.0106253	11.095	11.095	0.0432553	5.70662	5.70662	3.46049	30.7526	7.89936	1
cg17195706	0.721789	1.09036	1.09036	2.13E-05	0.125985	-7.93746	0.00512443	0.408705	-2.44675	0.00448873	0.399834	-2.50104	16.3911	15.1991	0.824247	1
cg13955622	0.0290003	0.494621	-2.02175	0.692112	1.115	1.115	0.0175763	0.453764	-2.20379	0.0705063	0.575317	-1.73817	3.77866	4.4764	1.05302	1
cg25779349	0.0127333	0.249794	-4.0033	0.131866	1.93135	1.93135	0.00459336	5.93841	5.93841	0.0670382	0.426096	-2.34689	19.392	41.6652	1.19366	1
cg20517154	?	?	?	7.89E-14	1.97226	1.97226	1.41E-14	0.20062	-4.98455	4.02E-11	0.970348	-1.03056	6.12E+13	20.8828	1.14E-13	1
cg23002008	0.972829	1.00418	1.00418	0.00213094	1.69605	1.69605	0.210903	1.1751	1.1751	0.240096	1.16249	1.16249	9.09113	2.15734	0.210934	1
cg04898035	0.0767736	0.754144	-1.32601	0.850459	1.02743	1.02743	0.717732	1.05342	1.05342	0.0130014	0.642851	-1.55557	6.95705	2.26461	0.289345	1
cg22996534	0.00305837	0.103906	-9.62409	0.0715042	3.07547	3.07547	0.00833874	6.56637	6.56637	0.045524	3.59713	3.59713	5.54155	24.3089	4.38667	1
cg22807551	0.112399	0.577868	-1.7305	0.620914	0.853694	-1.17138	0.00820844	2.92432	2.92432	0.934443	0.974234	-1.02645	5.41179	8.62941	1.41738	1
cg06093279	0.0113072	1.53145	1.53145	0.491891	0.910472	-1.09833	0.282447	1.16191	1.16191	7.38E-05	2.63287	2.63287	10.0435	2.87153	0.25414	1
cg22348298	0.0310299	0.45568	-2.19452	0.0107478	0.369711	-2.70481	0.636264	0.862522	-1.15939	0.0445495	0.488647	-2.04647	4.44343	6.78242	1.3568	1
cg17644611	0.345938	1.27106	1.27106	8.66E-06	10.8988	10.8988	0.000200055	4.67777	4.67777	0.000158939	0.202827	-4.93032	27.0026	26.1135	0.859621	1
cg16493813	0.411164	0.815702	-1.22594	0.0342095	1.8202	1.8202	0.53868	1.16287	1.16287	0.000663906	0.282717	-3.53711	12.0235	11.1887	0.827177	1
cg03508052	0.818203	0.880198	-1.13611	0.314111	1.78067	1.78067	0.362917	1.67911	1.67911	0.0248079	0.227459	-4.39639	3.79675	18.4718	4.32458	1
cg07007762	0.00314598	0.551377	-1.81364	0.322636	1.16264	1.16264	0.79789	0.962858	-1.03857	1.96E-05	0.278859	-3.58604	36.8638	12.7013	0.306263	1
cg00109148	0.689906	1.07342	1.07342	0.0112667	1.75209	1.75209	2.16E-06	0.128378	-7.78952	0.032757	0.643209	-1.5547	29.7435	14.7014	0.439354	1
cg18810376	0.0018808	0.276623	-3.61503	0.00308498	0.306998	-3.25735	0.909709	1.03363	1.03363	0.000363636	0.188994	-5.29118	17.8513	24.0355	1.19682	1
cg01807433	0.386538	0.850166	-1.17624	0.00410397	2.02208	2.02208	0.828916	1.04037	1.04037	0.000386456	0.355088	-2.81621	14.1395	7.48889	0.470795	1
cg09323793	0.833397	0.923234	-1.08315	0.000497239	0.126654	-7.89551	0.539846	0.790297	-1.26535	0.00114699	0.163241	-6.12591	7.88879	17.9647	2.02422	1
cg00252121	0.20794	0.754901	-1.32468	0.0342232	0.592618	-1.68743	0.0288066	0.579282	-1.72628	0.00111277	0.361611	-2.7654	7.62882	5.41835	0.631331	1
cg01010012	0.0519393	1.35055	1.35055	0.149975	1.23334	1.23334	0.367003	0.881675	-1.13421	0.00142677	0.534222	-1.87188	6.43104	1.88085	0.259969	1
cg10617192	0.899997	1.04829	1.04829	0.149867	1.78437	1.78437	0.0148829	0.325147	-3.07553	0.0195867	0.347163	-2.88049	6.39345	14.2462	1.98066	1
cg03729035	0.00759546	0.284673	-3.51281	0.0062019	0.270908	-3.6913	0.524085	0.789571	-1.26651	0.0169058	0.344255	-2.90482	6.16964	13.0863	1.8854	1
cg07790085	0.734297	0.808948	-1.23617	0.424926	1.66049	1.66049	0.0989744	0.324416	-3.08246	0.027341	0.196947	-5.07751	3.43067	21.0444	5.45263	1
cg24289821	0.201257	1.20769	1.20769	0.0076143	1.61577	1.61577	0.341014	1.14705	1.14705	6.57E-07	0.149988	-6.66718	71.5913	22.1669	0.275228	1
cg18247090	0.000577694	0.567111	-1.76332	4.03E-06	0.31986	-3.12637	0.0342607	0.768676	-1.30094	1.89E-06	0.28375	-3.52423	53.981	9.69929	0.159715	1
cg20944177	0.00324153	0.651808	-1.53419	0.00241904	0.637464	-1.56871	0.144361	0.846074	-1.18193	3.09E-05	0.420164	-2.38003	49.7013	8.94423	0.159964	1
cg21604325	6.20E-05	0.415955	-2.40411	0.0999668	1.23878	1.23878	0.0220529	1.38564	1.38564	0.00898975	0.673941	-1.48381	28.6089	6.39375	0.198656	1
cg14365785	0.607562	1.2312	1.2312	0.173749	1.78797	1.78797	0.942802	1.02923	1.02923	0.00056494	0.117008	-8.54645	16.5477	42.2514	2.2696	1
cg23990624	0.0115715	0.709075	-1.41029	0.000138673	0.488193	-2.04837	0.0659211	1.25191	1.25191	0.0038522	1.52815	1.52815	12.7498	2.39432	0.166927	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04034996	MTUS2;MTUS2	0.00129058	0.0420539	0.819821	-1.21978	0.000114741	1.77515	1.77515	0.668182	1.03725	1.03725	0.950829	1.00524	1.00524	0.0117001	0.765553	-1.30625	0.368777	1.08143	1.08143	0.00735487	1.34042	1.34042	0.00518404	1.36745	1.36745	0.120157	1.1537	1.1537	10.9418	1.24645	0.101259	1
cg07268021	MTUS2;MTUS2	0.00501393	0.000859851	0.274794	-3.63909	0.126456	0.652659	-1.53219	0.169	0.685074	-1.4597	0.462529	0.824461	-1.21291	0.000735061	0.266078	-3.7583	0.488531	1.19916	1.19916	0.284777	0.750681	-1.33212	0.388909	1.25596	1.25596	0.00623297	0.398436	-2.50981	7.33236	7.73604	0.937826	1
cg22248917	MTUS2;MTUS2	0.0120438	0.176744	0.825773	-1.21099	0.238762	0.848326	-1.17879	0.0730905	0.766065	-1.30537	0.176011	0.825471	-1.21143	0.00405654	0.597864	-1.67262	0.00939283	0.644662	-1.5512	0.0243646	1.43002	1.43002	0.586837	0.92946	-1.07589	0.00888774	0.641552	-1.55872	5.56692	1.56701	0.25021	1
cg07149992	MTUS2;MTUS2	0.0125688	0.0403451	0.647758	-1.54379	0.000557058	0.374609	-2.66945	0.0414145	0.649692	-1.53919	0.349062	1.19333	1.19333	0.0511869	0.665554	-1.50251	0.73211	0.93894	-1.06503	0.427782	1.16003	1.16003	0.570847	1.11074	1.11074	0.595729	1.10316	1.10316	5.49021	2.92322	0.473281	1
cg27459435	MTUS2;MTUS2	0.0145904	0.0716783	0.480015	-2.08327	0.044827	2.31734	2.31734	0.16985	0.586492	-1.70505	0.867689	1.06274	1.06274	0.00510971	0.259182	-3.85829	0.00381272	0.24079	-4.153	0.712416	1.14467	1.14467	0.555588	0.804475	-1.24305	0.0364148	0.41166	-2.42919	5.22829	11.0282	1.87497	1
cg13807578	MTUS2;MTUS2	0.0155077	0.570271	0.906825	-1.10275	0.0477004	0.679746	-1.47114	0.296349	1.20274	1.20274	0.23609	0.809231	-1.23574	0.00199681	0.475244	-2.10418	0.00273898	0.494143	-2.02371	0.671877	0.929938	-1.07534	0.276083	1.21307	1.21307	0.383125	0.858578	-1.16472	5.12391	2.35877	0.409196	1
cg03989020	MTUS2;MTUS2	0.0159346	0.0537594	0.519146	-1.92624	0.00182628	0.265579	-3.76535	0.00265238	0.288061	-3.47148	0.79829	0.926206	-1.07967	0.26283	0.705073	-1.41829	0.129638	0.612557	-1.6325	0.535107	1.20686	1.20686	0.0369854	0.484271	-2.06496	0.937417	1.02378	1.02378	5.0779	7.20623	1.26145	1
cg07780517	MTUS2;MTUS2	0.024847	0.274936	0.676328	-1.47857	0.308822	1.43711	1.43711	0.116707	0.556092	-1.79826	0.0181703	2.68441	2.68441	0.0597599	0.481245	-2.07794	0.933713	1.02905	1.02905	0.325553	1.41835	1.41835	0.0039309	3.80359	3.80359	0.812857	1.08508	1.08508	4.36654	8.19756	1.66876	1
cg13185984	MTUS2;MTUS2	0.0411022	0.186082	0.824259	-1.21321	0.840277	0.972563	-1.02821	0.0188019	0.67542	-1.48056	0.802711	0.966077	-1.03511	0.0282122	0.699612	-1.42936	0.0342739	1.40563	1.40563	0.156968	0.81165	-1.23206	0.903104	0.98335	-1.01693	0.0252945	0.693051	-1.4429	3.64638	1.09762	0.267571	1
cg20165694	MTUS2;MTUS2	0.0420895	0.581347	0.610312	-1.63851	0.347113	0.423858	-2.35928	0.347176	0.423909	-2.35899	0.456897	1.95766	1.95766	0.206306	3.26049	3.26049	0.0795579	5.61427	5.61427	0.00336579	34.3448	34.3448	0.024542	10.7485	10.7485	0.822217	1.22083	1.22083	3.61447	44.9991	11.0664	1
cg21780859	MTUS2;MTUS2;MTUS2	0.00431213	0.327603	1.10972	1.10972	0.116473	1.1921	1.1921	0.281311	1.12227	1.12227	0.0877049	1.21431	1.21431	0.394928	1.09391	1.09391	0.296867	1.11786	1.11786	0.000131282	0.504725	-1.98128	0.0913319	0.825674	-1.21113	0.62558	1.05197	1.05197	7.67629	1.29023	0.149405	1
cg14039347	MTVR2	0.0393716	0.180573	0.446132	-2.24149	0.00207097	0.0852681	-11.7277	0.0388288	0.25718	-3.88832	0.743501	1.20491	1.20491	0.258675	0.512206	-1.95234	0.0260962	0.223424	-4.4758	0.458383	0.651393	-1.53517	0.0449617	0.270832	-3.69233	0.463376	0.654604	-1.52764	3.70466	18.9087	4.53693	1
cg03762404	MTX1;MTX1	0.0026203	0.268319	0.90168	-1.10904	0.000755843	1.58162	1.58162	0.0011046	1.53984	1.53984	0.547363	0.946809	-1.05618	0.79471	1.02368	1.02368	0.829194	0.980793	-1.01958	0.0126261	0.757036	-1.32094	0.138309	1.154	1.154	0.0400296	0.808135	-1.23742	8.90783	1.13675	0.113434	1
cg12759597	MTX1;MTX1	0.0471564	0.335599	0.578347	-1.72907	0.307573	0.55852	-1.79044	0.0385992	0.266806	-3.74804	0.187153	0.462543	-2.16196	0.00103571	0.068592	-14.579	0.303438	0.555537	-1.80006	0.689735	0.801476	-1.2477	0.903904	1.06888	1.06888	0.27063	0.531246	-1.88237	3.46407	16.6854	4.28151	1
cg26860337	MTX1;MTX1;MTX1;THBS3;MTX1	0.0394684	0.139148	0.853757	-1.17129	0.003885	0.679618	-1.47141	0.533897	0.93934	-1.06458	0.0354666	1.27532	1.27532	0.84157	1.02008	1.02008	0.463236	0.928522	-1.07698	0.0435393	0.794109	-1.25927	0.266582	0.891391	-1.12184	0.33831	0.906614	-1.10301	3.70131	0.578334	0.13889	1
cg11211259	MTX1;THBS3;MTX1	0.00823179	0.0972834	1.2043	1.2043	0.488339	1.07457	1.07457	0.0144547	1.36055	1.36055	0.113493	0.838674	-1.19236	0.404537	1.09104	1.09104	0.025538	1.31137	1.31137	0.00110803	0.611999	-1.63399	0.193538	1.1509	1.1509	0.909133	0.988404	-1.01173	6.28733	1.03917	0.146916	1
cg02516288	MTX1;THBS3;MTX1	0.0177895	0.0186698	0.55095	-1.81505	0.0839443	0.670409	-1.49163	0.261635	0.782889	-1.27732	0.0749331	0.660528	-1.51394	0.686334	0.918615	-1.0886	0.00731459	0.485242	-2.06083	0.000894192	0.353452	-2.82924	0.0741865	0.659665	-1.51592	0.302426	0.799815	-1.25029	4.89444	3.3891	0.615502	1
cg14575602	MTX2;MTX2	0.00174644	0.00122943	0.251538	-3.97555	0.00116868	0.2487	-4.02091	0.770492	1.08917	1.08917	0.732474	1.10538	1.10538	0.00155677	0.265012	-3.77342	0.0909325	1.72245	1.72245	0.00234042	0.289287	-3.45677	0.469317	1.23981	1.23981	0.0522098	0.524778	-1.90557	10.0292	13.5426	1.20028	1
cg00491675	MTX2;MTX2	0.0176612	0.126063	0.784895	-1.27406	0.0230353	0.671822	-1.48849	0.646292	0.93462	-1.06995	0.780182	0.959887	-1.04179	0.000683031	0.468013	-2.13669	0.315781	1.1639	1.1639	0.0205261	0.664716	-1.5044	0.496182	0.903837	-1.10639	0.243783	0.836564	-1.19537	4.90635	1.66383	0.301438	1
cg19734811	MTX2;MTX2;MTX2	0.000170556	?	?	?	0.000563995	0.449416	-2.22511	0.000362175	0.395263	-2.52996	?	?	?	3.29E-05	0.125982	-7.93767	0.00140232	0.555455	-1.80033	?	?	?	?	?	?	?	?	?	448.153	7.76807	0.0130002	1
cg07016979	MTX3;MTX3	7.63E-06	0.000117628	0.244676	-4.08704	0.0148993	0.535136	-1.86868	0.00122279	0.372407	-2.68524	0.000158582	0.259634	-3.85157	1.61E-05	0.156283	-6.39865	5.37E-05	0.20744	-4.82067	6.12E-07	0.0572955	-17.4534	0.231347	0.769414	-1.29969	5.61E-06	0.117783	-8.49021	43.5078	30.0394	0.613723	1
cg07062476	MTX3;MTX3	0.000266424	0.071575	0.838291	-1.1929	0.181654	0.883113	-1.13236	0.0425386	1.22721	1.22721	0.123068	1.15773	1.15773	0.00089588	0.646668	-1.54639	0.000453764	0.616042	-1.62327	0.0439208	1.22508	1.22508	0.00305751	1.42708	1.42708	0.000212307	1.72051	1.72051	16.9925	2.06844	0.108202	1
cg21781828	MTX3;MTX3	0.00439664	0.0974609	1.40847	1.40847	0.00393066	2.07675	2.07675	0.0560241	1.50326	1.50326	0.266286	0.804005	-1.24377	0.21526	0.782184	-1.27847	0.0533348	0.661403	-1.51194	0.00550145	0.502907	-1.98844	0.00458631	0.491283	-2.03549	0.56732	1.11504	1.11504	7.6313	4.28706	0.499354	1
cg24907270	MTX3;MTX3	0.0220129	0.0243637	0.422584	-2.36639	0.0293996	0.438849	-2.27869	0.0993383	0.559916	-1.78598	0.320369	0.719187	-1.39046	0.0230201	0.417776	-2.39363	0.221244	0.661793	-1.51105	0.00212757	0.250083	-3.99867	0.00726506	0.329002	-3.0395	0.165998	0.622362	-1.60678	4.55302	7.43207	1.45097	1
cg05666511	MTX3;MTX3	0.0323968	0.148825	0.387682	-2.57944	0.0416589	0.237592	-4.2089	0.373733	0.571894	-1.74858	0.737359	1.22873	1.22873	0.159777	0.398795	-2.50755	0.768246	0.83457	-1.19822	0.00136886	0.0582706	-17.1613	0.390463	1.71349	1.71349	0.0481359	0.251006	-3.98397	3.97629	23.5865	5.2727	1
cg26616609	MTX3;MTX3	0.041129	0.985237	0.992856	-1.0072	0.0660273	0.449726	-2.22358	0.191593	0.585251	-1.70867	0.764796	0.890237	-1.1233	0.151423	0.551219	-1.81416	0.595351	0.812446	-1.23085	0.0452914	0.410708	-2.43482	0.829698	0.919922	-1.08705	0.00110359	0.155091	-6.44785	3.6455	8.66931	2.11385	1
cg19947001	MTX3;MTX3	0.0459487	0.35772	0.909905	-1.09902	0.434633	1.08283	1.08283	0.324151	0.903351	-1.10699	0.236163	0.883456	-1.13192	0.086411	1.20814	1.20814	0.785365	0.973119	-1.02762	0.0915034	1.20382	1.20382	0.0755006	0.820767	-1.21837	0.00751538	1.40975	1.40975	3.49805	0.552045	0.14028	1
cg20807111	MUC12	0.00481241	0.719192	0.9741	-1.02659	0.114425	1.13291	1.13291	0.0609925	0.857723	-1.16588	0.568972	1.04273	1.04273	0.281426	0.921859	-1.08476	0.941724	1.00533	1.00533	0.00011176	0.610383	-1.63832	0.0202999	0.815986	-1.22551	0.254931	0.917235	-1.09023	7.42467	0.621173	0.0743675	1
cg13873802	MUC12	0.0118479	0.564445	1.13725	1.13725	0.410529	1.20418	1.20418	0.280743	1.28086	1.28086	0.136743	0.701933	-1.42464	0.23835	1.31347	1.31347	0.24642	0.765205	-1.30684	0.000486074	0.299016	-3.3443	0.0778513	0.648805	-1.54129	0.0459987	0.603571	-1.6568	5.5966	4.32053	0.686215	1
cg09413492	MUC12	0.0148014	0.798179	1.13328	1.13328	0.00452671	6.34096	6.34096	0.0935775	2.46075	2.46075	0.573309	1.32031	1.32031	0.0236434	0.267327	-3.74073	0.946439	0.967728	-1.03335	0.00618357	0.174912	-5.71714	0.240522	0.548814	-1.82211	0.890297	0.934836	-1.06971	5.20357	19.6485	3.35641	1
cg09313831	MUC12	0.0224665	0.406805	0.634355	-1.5764	0.0157129	0.204354	-4.89347	0.163174	0.450087	-2.22179	0.0743518	0.344244	-2.90491	0.00530445	0.139352	-7.17608	0.216576	0.497874	-2.00854	0.00174347	0.0912591	-10.9578	0.0631777	0.32601	-3.06739	0.182805	0.468495	-2.13449	4.52124	20.5994	4.0499	1
cg04735437	MUC12	0.0316275	0.0445784	0.353131	-2.83181	0.00362442	0.169176	-5.911	0.0320843	0.321989	-3.1057	0.545408	1.3181	1.3181	0.806592	1.11707	1.11707	0.158106	0.506079	-1.97598	0.918329	0.954764	-1.04738	0.0224576	0.291109	-3.43514	0.0545997	0.37378	-2.67537	4.01064	12.9389	2.86768	1
cg22879057	MUC12	0.0340879	0.263223	0.6402	-1.56201	0.00333888	0.217124	-4.60567	0.190859	0.588845	-1.69824	0.0487803	0.422967	-2.36425	0.0362191	0.394083	-2.53754	0.0779566	0.472878	-2.11471	0.0144091	0.315633	-3.16824	0.0584387	0.441507	-2.26497	0.0354901	0.392181	-2.54984	3.9042	9.04005	2.05819	1
cg26802830	MUC12	0.0349918	0.224171	0.582892	-1.71558	0.52791	1.31039	1.31039	0.0617887	0.410994	-2.43313	0.136983	0.508072	-1.96822	0.00779781	0.236013	-4.23705	0.49605	0.746648	-1.33932	0.00286847	0.176602	-5.66246	0.19257	0.558244	-1.79133	0.0975586	0.463733	-2.15642	3.86746	10.9444	2.51544	1
cg03455418	MUC12	0.049053	0.0117115	0.226637	-4.41234	0.385913	0.657741	-1.52036	0.105437	0.434431	-2.30186	0.278516	1.70077	1.70077	0.0056824	0.180901	-5.5279	0.401284	1.49917	1.49917	0.602894	0.780841	-1.28067	0.250603	0.567893	-1.76089	0.934702	0.962115	-1.03938	3.41282	12.0073	3.12737	1
cg13759172	MUC12;MUC17	0.0134689	0.0235362	2.42922	2.42922	0.00301224	3.79854	3.79854	0.10565	1.78611	1.78611	0.748549	1.11131	1.11131	0.0520897	0.484278	-2.06493	0.534958	1.22899	1.22899	0.00836345	3.02133	3.02133	0.0248447	2.40229	2.40229	0.170531	1.61436	1.61436	5.36757	9.15415	1.51596	1
cg06722630	MUC12;MUC17	0.0185954	0.736727	1.06667	1.06667	0.00633057	1.97387	1.97387	0.436308	1.16406	1.16406	0.799315	1.04994	1.04994	0.00866753	0.527276	-1.89654	0.229494	1.27277	1.27277	0.00816187	1.91098	1.91098	0.138337	1.35691	1.35691	0.843255	1.0386	1.0386	4.82198	2.79438	0.51512	1
cg09081544	MUC13	0.00569699	0.00591899	0.348451	-2.86984	0.0881578	1.73503	1.73503	0.0130645	0.405914	-2.46358	0.00799939	0.369601	-2.70562	0.00831486	0.372379	-2.68544	0.0670845	0.548254	-1.82397	0.00290784	0.301695	-3.31461	0.163961	0.6473	-1.54488	0.0150759	0.416983	-2.39818	7.05088	9.57631	1.20726	1
cg00446763	MUC13	0.0345245	0.362884	0.531513	-1.88142	0.718241	0.782794	-1.27748	0.0733228	0.259332	-3.85606	0.120258	0.320124	-3.12379	0.0105141	0.113506	-8.81012	0.015796	0.135521	-7.37894	0.00951623	0.108619	-9.20651	0.0263553	0.168628	-5.93021	0.0337861	0.187266	-5.34001	3.88631	28.1151	6.43057	1
cg22907034	MUC13	0.0351765	0.0335841	0.200879	-4.97811	0.164783	0.383579	-2.60702	0.060636	0.254703	-3.92614	0.474757	0.625015	-1.59996	0.00960378	0.120051	-8.32979	0.833741	0.872925	-1.14557	0.0196931	0.161788	-6.18093	0.0122371	0.132924	-7.52307	0.0219133	0.168996	-5.91729	3.8601	25.5577	5.88533	1
cg16215361	MUC15;MUC15;ANO3;MUC15	0.00338839	9.73E-05	0.296294	-3.37502	0.0363076	0.652252	-1.53315	0.134056	0.752997	-1.32803	0.0758289	0.706856	-1.41472	0.164358	0.770669	-1.29757	0.70563	1.0689	1.0689	0.402244	1.16243	1.16243	0.747447	1.05837	1.05837	0.00420658	0.51016	-1.96017	8.2534	4.02948	0.433974	1
cg16643473	MUC15;MUC15;MUC15;ANO3	0.00047533	0.0713337	0.633124	-1.57947	0.00131764	0.34621	-2.88842	0.00102687	0.331471	-3.01686	0.0692762	1.58602	1.58602	0.0197388	0.52782	-1.89459	0.67824	0.909664	-1.09931	0.00504791	2.31993	2.31993	0.000301146	3.79581	3.79581	0.483355	1.17546	1.17546	14.4924	11.8215	0.725071	1
cg12583591	MUC16	0.00168309	0.00378323	0.098338	-10.169	0.000282437	0.0295186	-33.877	0.0197849	0.188125	-5.31561	0.0219145	0.195469	-5.11589	0.00178461	0.0713937	-14.0068	0.0161131	0.17412	-5.74317	0.00050446	0.0396443	-25.2243	0.0154171	0.171232	-5.84005	0.0117818	0.154529	-6.47128	10.137	56.5808	4.96141	1
cg25751453	MUC16	0.00180161	0.0727603	0.341294	-2.93003	0.929167	0.953374	-1.04891	0.00372693	0.121996	-8.197	0.0772344	0.348191	-2.87199	0.000133367	0.028544	-35.0336	0.000339619	0.0450364	-22.2043	0.0162491	0.206299	-4.84734	0.0750748	0.344894	-2.89944	0.0689766	0.335245	-2.98289	9.93921	45.3997	4.06021	1
cg05222216	MUC16	0.00202083	0.00205783	0.0932342	-10.7257	0.0257711	0.235261	-4.2506	0.00379992	0.118424	-8.44423	0.162629	0.442806	-2.25833	0.00170126	0.0863521	-11.5805	0.0499284	0.29465	-3.39386	0.000530711	0.0524199	-19.0767	0.00155642	0.0832745	-12.0085	0.00377561	0.118135	-8.46489	9.61283	45.4714	4.20469	1
cg02391549	MUC16;MUC16	0.000703555	0.00216749	0.100806	-9.92008	0.010838	0.181587	-5.50701	0.00104287	0.075185	-13.3005	0.466964	1.48389	1.48389	0.000710923	0.0639721	-15.6318	0.0470728	0.297704	-3.35904	0.000235421	0.0387631	-25.7977	0.000393229	0.049249	-20.305	0.0196788	0.222623	-4.49189	12.9925	58.4963	4.00206	1
cg13906098	MUC17	0.00285279	0.593074	1.16157	1.16157	0.715495	0.903352	-1.10699	0.968916	0.989238	-1.01088	0.597054	1.15967	1.15967	0.000435781	0.213567	-4.68237	0.118187	0.624351	-1.60166	0.000155621	0.165593	-6.03892	0.655188	0.882668	-1.13293	0.231391	0.705703	-1.41703	8.6868	10.6075	1.08542	1
cg22451910	MUC17	0.00339195	0.212972	0.539842	-1.85239	0.292252	0.598343	-1.67128	0.125729	2.17881	2.17881	0.0454675	2.93951	2.93951	0.000137286	0.0450708	-22.1873	0.32118	1.61888	1.61888	0.0318651	0.306615	-3.26141	0.0759389	0.395222	-2.53022	0.117503	0.449744	-2.22349	8.25081	28.8678	3.11003	1
cg24512973	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.000506086	0.230564	0.768367	-1.30146	0.189794	0.747563	-1.33768	0.571572	1.12723	1.12723	0.296068	1.2548	1.2548	0.363028	1.21634	1.21634	0.186451	1.34099	1.34099	9.85E-06	0.136659	-7.31747	0.0562553	1.57285	1.57285	0.0106704	0.510463	-1.95901	14.2426	9.89951	0.617833	1
cg19755544	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.00677524	0.000216967	0.160789	-6.21935	0.987729	0.995831	-1.00419	0.716972	0.905769	-1.10403	0.283089	1.35633	1.35633	0.238105	0.713108	-1.40231	?	?	?	0.340344	1.3076	1.3076	0.378538	1.27943	1.27943	0.132882	1.56163	1.56163	7.82802	7.96278	0.890064	1
cg22500132	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.0219343	0.090648	0.5089	-1.96502	0.443685	0.753531	-1.32709	0.447486	0.755376	-1.32384	0.576901	0.815267	-1.22659	0.0885341	0.506174	-1.9756	0.118975	0.541625	-1.8463	0.0013551	5.39741	5.39741	0.25146	1.54366	1.54366	0.470091	0.766223	-1.3051	4.55861	9.4801	1.84854	1
cg18804777	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.0278305	0.740823	1.07199	1.07199	0.724028	0.928441	-1.07707	0.0813539	0.667218	-1.49876	0.524467	1.14464	1.14464	0.0052643	2.16115	2.16115	0.360557	1.21758	1.21758	0.053277	0.631373	-1.58385	0.0211697	1.78686	1.78686	0.315691	0.804707	-1.24269	4.19674	2.91561	0.617538	1
cg23256951	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.033199	0.00737244	0.494167	-2.02361	0.305719	0.80534	-1.24171	0.0550424	1.55904	1.55904	0.40871	0.841565	-1.18826	0.0191803	0.56075	-1.78333	0.684086	1.08709	1.08709	0.240198	1.28535	1.28535	0.126531	0.713621	-1.4013	0.449726	1.17027	1.17027	3.94153	2.6013	0.586642	1
cg22531371	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.03462	0.0494322	0.575359	-1.73804	0.426913	0.818742	-1.22139	0.692542	0.906671	-1.10294	0.899011	0.969183	-1.0318	0.0634367	0.597768	-1.67289	0.0319688	0.538179	-1.85812	0.00922654	2.25861	2.25861	0.960513	1.01228	1.01228	0.0532064	0.581876	-1.71858	3.88243	3.73715	0.855627	1
cg17257175	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MIR92B	0.00234824	0.00378436	0.44677	-2.23829	0.0727452	0.661752	-1.51114	0.0159062	0.543911	-1.83854	0.00316157	0.435297	-2.29728	0.000152925	0.262105	-3.81527	0.034262	0.600855	-1.66429	0.010703	0.516031	-1.93787	0.712175	1.07942	1.07942	0.755887	1.06643	1.06643	9.19981	6.19743	0.598798	1
cg03055449	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MIR92B	0.0287983	0.00421706	0.328551	-3.04367	0.0490373	0.520594	-1.92088	0.532246	0.832121	-1.20175	0.50726	0.822476	-1.21584	0.00724902	0.365548	-2.73562	0.15041	0.639037	-1.56485	0.0458946	0.514411	-1.94397	0.278861	1.38691	1.38691	0.105535	0.598287	-1.67144	4.14645	5.54183	1.18802	1
cg22166106	MUC2	3.75E-06	7.60E-08	0.198871	-5.02839	0.0766936	0.837273	-1.19435	5.37E-05	0.506814	-1.97311	0.0868037	1.18603	1.18603	0.0790599	0.838709	-1.19231	1.44E-05	0.44287	-2.258	0.201838	0.885527	-1.12927	0.00045379	0.607468	-1.64618	0.000804817	0.633693	-1.57805	52.2728	6.73661	0.114555	1
cg11112104	MUC2	6.60E-06	0.00630959	0.529149	-1.88983	1.33E-05	0.195542	-5.11399	0.00167666	0.447589	-2.23419	0.583478	1.10416	1.10416	2.90E-07	0.067323	-14.8538	0.456801	1.14522	1.14522	0.000332888	0.354843	-2.81815	1.95E-05	0.212183	-4.7129	0.000197548	0.326524	-3.06256	45.1845	22.9123	0.450741	1
cg20747751	MUC2	1.05E-05	0.0219463	0.616963	-1.62084	0.110728	1.35708	1.35708	0.0378296	0.654991	-1.52674	0.182974	0.78015	-1.28181	1.72E-05	0.212496	-4.70597	0.000133903	0.312608	-3.19889	2.38E-07	0.0660077	-15.1497	0.00398337	0.506551	-1.97414	0.637847	0.920073	-1.08687	40.1037	19.6066	0.434575	1
cg08804537	MUC2	3.20E-05	0.000919674	0.245164	-4.0789	7.40E-05	0.12944	-7.72559	0.00126289	0.262865	-3.80423	0.577991	0.852526	-1.17299	7.01E-05	0.127429	-7.84748	0.0796174	0.575603	-1.73731	1.36E-06	0.0300992	-33.2234	0.217237	1.44567	1.44567	0.0052607	0.351774	-2.84274	29.9388	38.2187	1.13472	1
cg24631065	MUC2	3.25E-05	0.0157196	0.664349	-1.50523	0.235513	1.18738	1.18738	0.231893	0.840961	-1.18912	0.755217	0.957716	-1.04415	7.94E-07	0.160577	-6.22754	0.00954874	1.57372	1.57372	0.244635	1.1831	1.1831	0.66573	1.06188	1.06188	0.000114026	0.392341	-2.54881	29.8121	9.01065	0.268665	1
cg03688995	MUC2	9.33E-05	0.610009	0.941381	-1.06227	0.377476	0.899118	-1.1122	0.0533214	0.772772	-1.29404	0.247971	1.15238	1.15238	0.397276	0.903225	-1.10714	4.20E-06	0.286508	-3.4903	0.00251168	1.63695	1.63695	0.902681	0.985738	-1.01447	9.55E-05	0.442325	-2.26078	22.5567	4.92629	0.194129	1
cg27483767	MUC2	9.59E-05	0.980469	1.00496	1.00496	0.179456	0.749503	-1.33422	9.09E-06	0.143395	-6.97374	0.969163	0.992213	-1.00785	8.41E-06	0.140514	-7.11673	0.290818	0.801176	-1.24817	0.453045	1.16716	1.16716	0.193397	0.757063	-1.32089	0.00245011	0.42643	-2.34505	22.3905	14.5013	0.575691	1
cg11415512	MUC2	0.000169706	0.0398808	0.456891	-2.18871	9.91E-05	0.102427	-9.76305	0.967619	0.986703	-1.01348	0.676942	1.14816	1.14816	0.000113251	0.106942	-9.35088	0.000712628	0.182741	-5.47222	7.93E-05	0.0951887	-10.5054	0.725622	0.890309	-1.12321	0.000323913	0.147026	-6.80152	19.2064	33.0747	1.53073	1
cg19554902	MUC2	0.000239556	1.69E-05	0.255998	-3.90629	0.00565162	0.571095	-1.75102	4.73E-05	0.306342	-3.26432	0.0378788	0.689766	-1.44977	0.12166	0.771937	-1.29544	0.757964	1.04884	1.04884	0.00217765	0.51511	-1.94133	0.620391	1.08007	1.08007	0.488227	0.897061	-1.11475	17.4921	6.59304	0.335036	1
cg11072469	MUC2	0.000325093	0.381492	1.17463	1.17463	5.12E-05	0.256664	-3.89615	0.135996	0.749701	-1.33387	0.128481	0.74481	-1.34262	0.00572769	0.522289	-1.91465	0.000120585	0.299762	-3.33598	0.622232	0.9148	-1.09314	0.00019257	0.324384	-3.08277	0.0055842	0.520683	-1.92055	16.0921	8.19483	0.452664	1
cg23523364	MUC2	0.000426244	0.0931721	0.781227	-1.28004	0.0983488	1.27422	1.27422	0.133135	0.805261	-1.24183	0.488759	0.91027	-1.09857	0.000169092	0.425135	-2.35219	0.271038	1.16554	1.16554	4.28E-05	0.353617	-2.82792	0.0173734	1.47286	1.47286	0.0572815	0.750143	-1.33308	14.936	4.22714	0.251571	1
cg08933313	MUC2	0.000529069	0.733761	0.938704	-1.0653	0.355732	1.19245	1.19245	0.000252291	0.326931	-3.05875	0.000835958	0.393995	-2.53811	0.0635738	0.679455	-1.47177	0.00398366	0.488105	-2.04874	4.17E-05	0.235532	-4.24571	0.432142	0.861969	-1.16013	0.0714202	0.688642	-1.45213	14.0681	7.64872	0.483284	1
cg12102838	MUC2	0.00101673	0.466778	1.39887	1.39887	0.160664	0.506996	-1.9724	0.0104371	0.231893	-4.31234	0.01799	0.27174	-3.67998	0.000592415	0.0903183	-11.072	0.00569114	0.193232	-5.17514	8.41E-05	0.0405165	-24.6813	0.00516665	0.187568	-5.3314	0.00536035	0.189709	-5.27124	11.7113	38.1087	2.89245	1
cg15054281	MUC2	0.0010742	0.434798	0.777805	-1.28567	0.0518013	2.00943	2.00943	0.0477594	0.4898	-2.04165	0.818079	0.929924	-1.07536	0.00212141	0.256153	-3.90392	0.174169	0.633911	-1.57751	3.75E-05	0.0823419	-12.1445	0.0084755	0.34655	-2.88559	0.0403321	0.473852	-2.11036	11.5298	18.1571	1.39982	1
cg10261952	MUC2	0.00120939	0.0206609	0.438632	-2.27982	0.000364275	0.184657	-5.41544	0.517318	0.823555	-1.21425	0.0978681	0.584503	-1.71085	0.00878958	0.372801	-2.68239	0.0619807	0.537153	-1.86167	6.68E-05	0.115237	-8.6778	0.530557	1.20667	1.20667	0.0137916	0.406506	-2.45999	11.147	15.4378	1.23106	1
cg26382678	MUC2	0.00129858	0.150955	1.4241	1.4241	0.0206538	0.527194	-1.89683	0.232602	1.33313	1.33313	0.529809	0.863982	-1.15743	0.267508	1.30386	1.30386	0.0041892	2.41373	2.41373	0.000195249	0.237102	-4.2176	0.00363604	0.405035	-2.46892	0.0888643	0.649814	-1.5389	10.9225	9.12729	0.742792	1
cg07647179	MUC2	0.00162188	0.0319242	1.68783	1.68783	0.851774	0.961802	-1.03972	0.135984	0.715686	-1.39726	0.000351852	0.302516	-3.30561	0.068748	0.654327	-1.52829	0.613533	0.899394	-1.11186	0.199022	0.753846	-1.32653	0.585523	0.891674	-1.12149	0.000132806	0.251673	-3.97342	10.2462	7.03493	0.610304	1
cg00538298	MUC2	0.00164189	0.967347	0.987464	-1.0127	0.0377812	0.475948	-2.10107	0.130356	0.604413	-1.6545	0.436389	0.78294	-1.27724	0.037703	0.475759	-2.1019	0.131083	1.65268	1.65268	0.000105893	0.121305	-8.24369	0.00284726	0.282032	-3.5457	0.00138973	0.2398	-4.17014	10.2099	15.3578	1.33707	1
cg01559503	MUC2	0.00183857	0.0702524	1.39671	1.39671	0.27634	0.82948	-1.20557	0.0327569	0.662034	-1.5105	0.578035	1.09722	1.09722	0.0743837	0.720193	-1.38852	0.00133766	0.463099	-2.15936	0.0807741	1.37676	1.37676	0.000286289	0.376139	-2.65859	0.00843206	0.573816	-1.74272	9.8808	4.26615	0.383788	1
cg23935642	MUC2	0.00192742	0.00105143	0.210349	-4.75401	0.77315	1.09742	1.09742	0.387787	1.32936	1.32936	0.955467	0.982199	-1.01812	8.46E-05	0.103001	-9.70867	0.45452	0.78269	-1.27765	0.736599	0.897109	-1.11469	0.314347	0.715588	-1.39745	0.00544866	0.308539	-3.24108	9.74623	15.9673	1.45627	1
cg16608656	MUC2	0.00211075	0.00912762	0.412646	-2.42338	0.0462749	0.54324	-1.84081	0.0127759	0.437482	-2.28581	0.47298	0.822769	-1.21541	0.00484713	0.368446	-2.7141	0.00550662	0.377102	-2.65181	0.000218865	0.192656	-5.1906	0.00135865	0.288533	-3.46581	0.00537692	0.375475	-2.66329	9.49151	10.7378	1.00561	1
cg23296678	MUC2	0.00220505	0.554845	1.1665	1.1665	0.0213755	0.490171	-2.04011	0.202741	1.41441	1.41441	0.770464	1.07835	1.07835	0.00142752	0.304396	-3.2852	0.00549423	0.390155	-2.56309	0.000670814	0.26143	-3.82511	0.715929	1.09881	1.09881	0.00271845	0.34388	-2.90799	9.371	9.86629	0.935869	1
cg07466271	MUC2	0.00336997	0.110227	0.645876	-1.54829	0.825285	0.945991	-1.05709	0.00412353	0.380559	-2.62772	0.0965715	0.632457	-1.58114	0.000168792	0.200432	-4.98922	0.00289504	0.357565	-2.79669	0.00852682	0.430432	-2.32325	0.10107	0.637034	-1.56977	0.0293233	0.524843	-1.90533	8.26685	8.25706	0.887835	1
cg18900959	MUC2	0.00364462	0.007276	0.37791	-2.64613	0.876915	0.957368	-1.04453	0.325834	0.751886	-1.32999	0.0422715	0.518104	-1.93011	0.117861	0.620425	-1.6118	0.00233385	0.302817	-3.30233	0.000134644	0.155844	-6.41667	0.108715	0.611538	-1.63522	0.02578	0.475097	-2.10483	8.07526	10.1056	1.11238	1
cg12030842	MUC2	0.00648815	0.279887	0.713404	-1.40173	0.648054	1.14816	1.14816	0.0139996	0.401622	-2.48991	0.00778896	0.358037	-2.79301	0.000206113	0.154304	-6.48072	0.0414789	0.493215	-2.02751	0.0738193	0.549318	-1.82044	0.184216	0.654775	-1.52724	0.0946202	0.575613	-1.73728	6.77321	9.6952	1.27236	1
cg05877661	MUC2	0.00672791	0.541372	1.087	1.087	0.367072	1.13317	1.13317	0.0127863	0.658831	-1.51784	0.150246	0.812143	-1.23131	0.0172665	0.676143	-1.47898	0.290827	0.862514	-1.1594	0.0037399	1.69592	1.69592	0.00672784	1.60663	1.60663	0.464851	1.10557	1.10557	6.69729	1.931	0.256289	1
cg21655083	MUC2	0.00753823	0.737153	1.07468	1.07468	0.893728	1.02899	1.02899	0.0351134	1.69024	1.69024	0.119773	1.43465	1.43465	0.647126	0.906149	-1.10357	0.344502	0.812043	-1.23146	0.0370383	1.67828	1.67828	0.0326095	1.70698	1.70698	0.000648702	0.326797	-3.06	6.4637	4.68051	0.643664	1
cg00435098	MUC2	0.00769842	0.208438	0.751214	-1.33118	0.899041	1.02776	1.02776	0.0944744	1.48665	1.48665	0.987346	1.00343	1.00343	0.58346	0.887403	-1.12688	0.969725	0.991847	-1.00822	0.00011156	0.230944	-4.33004	0.505577	0.864401	-1.15687	0.744058	0.931769	-1.07323	6.42122	4.73236	0.6551	1
cg02332740	MUC2	0.00829138	0.183256	0.780799	-1.28074	0.0247637	0.626022	-1.59739	0.980398	1.00431	1.00431	0.212098	0.794275	-1.25901	0.00150732	0.448787	-2.22823	0.681469	1.075	1.075	0.0116623	1.73736	1.73736	0.136574	0.754995	-1.32451	0.0108508	0.570886	-1.75166	6.27304	3.05074	0.43229	1
cg24326242	MUC2	0.00880002	0.00113704	0.454849	-2.19853	0.905949	0.980736	-1.01964	0.428988	1.14212	1.14212	0.118351	1.32187	1.32187	0.0147409	1.6388	1.6388	0.681008	0.934233	-1.0704	0.0111043	1.68879	1.68879	0.315129	1.18643	1.18643	0.199024	1.25026	1.25026	6.15608	2.64088	0.381323	1
cg26740937	MUC2	0.0128492	0.386277	0.769743	-1.29913	0.130731	0.618254	-1.61746	0.000812776	0.225863	-4.42746	0.192227	0.665834	-1.50188	0.0149551	0.4141	-2.41487	0.700448	1.12064	1.12064	0.207403	1.47954	1.47954	0.0420986	0.501553	-1.99381	0.024445	0.453863	-2.20331	5.45087	7.49528	1.22228	1
cg19520498	MUC2	0.0143473	0.691594	0.922259	-1.08429	0.815901	1.04847	1.04847	0.0943771	0.68851	-1.45241	0.299898	1.24365	1.24365	0.00176805	0.405	-2.46913	0.00454067	0.464239	-2.15406	0.0599838	0.650054	-1.53833	0.0718391	0.665039	-1.50367	0.0296126	0.594646	-1.68167	5.25733	3.43025	0.579974	1
cg27020953	MUC2	0.0150529	0.0220476	0.618242	-1.61749	0.112971	1.35272	1.35272	0.413058	0.863682	-1.15783	0.940586	0.987031	-1.01314	0.365702	0.849797	-1.17675	0.62493	0.917332	-1.09012	0.0079158	1.81567	1.81567	0.567339	1.10655	1.10655	0.00347479	0.499266	-2.00294	5.17467	2.51352	0.431764	1
cg10044629	MUC2	0.0191612	0.68734	0.884282	-1.13086	0.00137288	0.24385	-4.10089	0.198068	0.661338	-1.51209	0.154563	0.629287	-1.5891	0.538739	0.827634	-1.20826	0.345101	1.3439	1.3439	0.00744102	0.350738	-2.85113	0.0520994	0.510885	-1.95739	0.0352771	0.474616	-2.10697	4.7734	6.98489	1.3007	1
cg19812514	MUC2	0.0228498	0.0302918	0.434325	-2.30242	0.865406	0.945963	-1.05712	0.000762873	0.188244	-5.31227	0.891181	1.04584	1.04584	0.256321	0.678415	-1.47403	0.864762	0.945709	-1.05741	0.133517	1.69886	1.69886	0.56334	1.21085	1.21085	0.604673	0.842808	-1.18651	4.49499	7.63385	1.5096	1
cg02299971	MUC2	0.0290773	0.00684956	0.363756	-2.7491	0.83486	1.06213	1.06213	0.0280796	0.472797	-2.11507	0.707432	1.11502	1.11502	0.00305554	0.3099	-3.22685	0.57715	1.17662	1.17662	0.959588	1.01474	1.01474	0.59338	0.855877	-1.16839	0.222254	0.690452	-1.44833	4.13234	5.45728	1.17389	1
cg22117723	MUC2	0.0314465	0.179082	0.513265	-1.94831	0.0566414	0.364859	-2.74078	0.153453	0.489562	-2.04264	0.272505	1.70525	1.70525	0.00718874	0.197614	-5.06036	0.219754	0.547164	-1.8276	0.00455353	0.171056	-5.84606	0.0731754	0.393076	-2.54404	0.12027	0.45497	-2.19795	4.01887	13.899	3.07417	1
cg20522006	MUC2	0.031495	0.821227	0.902879	-1.10757	0.0130441	0.249009	-4.01592	0.0820447	0.419067	-2.38625	0.0724442	0.404612	-2.4715	0.039229	0.340637	-2.93567	0.698945	0.839098	-1.19176	0.00270055	0.153967	-6.49489	0.600766	1.26915	1.26915	0.102073	0.445865	-2.24283	4.01666	12.9626	2.86863	1
cg18276808	MUC2	0.0351436	0.00275368	0.245347	-4.07586	0.0167537	0.370432	-2.69955	0.247574	0.662861	-1.50861	0.106478	0.549062	-1.82129	0.0181537	0.376913	-2.65313	0.853993	0.939264	-1.06466	0.239152	0.657512	-1.52088	0.813293	0.922678	-1.0838	0.0490159	0.465603	-2.14775	3.8614	7.07528	1.62872	1
cg19289112	MUC2	0.0498815	0.309679	1.68259	1.68259	0.233481	0.538872	-1.85573	0.346155	0.618667	-1.61638	0.683636	1.22481	1.22481	0.0805675	0.383178	-2.60975	0.52472	0.726843	-1.37581	0.00256066	0.126137	-7.92788	0.0523223	0.335445	-2.98112	0.130703	0.44584	-2.24296	3.39119	13.1575	3.44881	1
cg01971370	MUC20	0.003453	0.235115	0.825854	-1.21087	0.0010574	0.47491	-2.10566	0.1143	0.767887	-1.30227	0.0423635	0.698034	-1.43259	0.0100546	1.64791	1.64791	0.224944	0.822031	-1.2165	0.00606798	1.73494	1.73494	0.0655669	1.37405	1.37405	0.841145	1.03134	1.03134	8.20694	3.07298	0.332833	1
cg22352709	MUC20	0.00698232	0.109225	1.45941	1.45941	0.00238047	0.399802	-2.50124	0.0241157	0.558704	-1.78986	0.336836	0.807077	-1.23904	0.00219749	2.53283	2.53283	0.28186	1.27388	1.27388	0.38261	1.21386	1.21386	0.530514	1.14743	1.14743	0.597271	0.891005	-1.12233	6.62034	4.91231	0.659559	1
cg21483415	MUC20	0.0142406	0.155323	0.546212	-1.83079	0.280056	1.56297	1.56297	0.0083842	0.261998	-3.81683	0.553252	1.26939	1.26939	0.0313222	0.366205	-2.73071	0.00415367	0.216965	-4.60904	0.00889507	0.266088	-3.75815	0.0338618	0.373351	-2.67844	0.742621	0.877168	-1.14003	5.27027	13.2025	2.22675	1
cg07188198	MUC20	0.0279905	0.11668	0.672318	-1.48739	0.734495	1.08252	1.08252	0.194135	0.726177	-1.37707	0.984266	1.0046	1.0046	0.00236277	0.3724	-2.68528	0.0220638	0.527585	-1.89543	0.17248	0.713052	-1.40242	0.0166323	0.506053	-1.97608	0.0361873	0.567017	-1.76362	4.18828	3.59853	0.763725	1
cg00091178	MUC20;MUC20	8.71E-05	0.000987681	0.415974	-2.404	0.00809748	0.544716	-1.83582	0.00598546	0.525378	-1.90339	0.0340776	0.642034	-1.55755	0.00606702	0.526238	-1.90028	0.0101984	0.559702	-1.78667	2.77E-06	0.133325	-7.50046	0.089219	0.71479	-1.39901	2.90E-05	0.229909	-4.34956	22.9725	11.6781	0.451866	1
cg15486184	MUC20;MUC20	0.00328993	0.508916	1.14856	1.14856	0.0367078	0.605496	-1.65154	0.0798771	0.669153	-1.49443	0.00331034	2.28633	2.28633	0.000640767	0.338479	-2.95439	0.319407	1.23701	1.23701	0.0355976	1.65808	1.65808	0.152296	1.37296	1.37296	0.527806	1.14137	1.14137	8.32638	5.635	0.601569	1
cg21513138	MUC20;MUC20	0.0123268	0.10186	0.740767	-1.34995	0.00488329	0.535174	-1.86855	0.00256828	0.496294	-2.01494	0.260053	0.821302	-1.21758	0.285467	0.830358	-1.2043	0.278057	1.20805	1.20805	0.0321124	1.52296	1.52296	0.268886	0.824518	-1.21283	0.563122	1.10292	1.10292	5.52507	2.45711	0.395307	1
cg11179570	MUC20;MUC20	0.0139076	0.791222	1.11134	1.11134	0.92275	1.03935	1.03935	0.0884063	0.473327	-2.1127	0.00567841	0.236086	-4.23575	0.0311376	0.365512	-2.73589	0.579382	0.8003	-1.24953	0.00331356	0.203639	-4.91065	0.894975	0.948806	-1.05396	0.0034743	0.206353	-4.84606	5.31143	13.317	2.22865	1
cg25159149	MUC21	0.000279084	0.0769374	0.777079	-1.28687	0.82259	0.971614	-1.02921	3.92E-05	0.364504	-2.74345	0.00986705	0.658269	-1.51914	3.01E-05	0.351136	-2.8479	0.0820339	0.781087	-1.28027	0.240664	1.1706	1.1706	0.00137606	0.551506	-1.81322	0.246038	0.855931	-1.16832	16.7785	4.36935	0.231479	1
cg02611812	MUC21	0.000550036	0.35374	1.29973	1.29973	0.485537	1.21496	1.21496	0.00298162	0.32646	-3.06316	0.0108383	0.415139	-2.40883	1.30E-05	0.0809198	-12.3579	0.148641	0.653354	-1.53056	0.248212	0.717728	-1.39329	0.00264136	0.318801	-3.13675	0.0839264	0.591276	-1.69126	13.9169	16.6391	1.06276	1
cg24067150	MUC21	0.00120973	8.37E-05	0.227609	-4.3935	0.2909	0.795176	-1.25758	0.0869439	0.673476	-1.48483	0.471324	0.857935	-1.16559	0.000156913	0.258558	-3.8676	0.872968	0.967093	-1.03403	0.212675	1.31584	1.31584	0.742469	1.07138	1.07138	0.756467	0.937019	-1.06721	11.1461	7.71945	0.615619	1
cg04230397	MUC21	0.00167111	0.000445351	0.241936	-4.13332	0.849382	0.95248	-1.04989	0.0432944	0.551423	-1.81349	0.21756	0.717351	-1.39402	0.000725853	0.268154	-3.72919	0.0735171	0.599922	-1.66688	0.257266	1.3536	1.3536	0.620681	1.13627	1.13627	0.000462863	0.243954	-4.09914	10.158	10.5501	0.923198	1
cg22021975	MUC21	0.00185907	0.594931	0.855498	-1.16891	0.236065	1.43491	1.43491	0.00202497	0.281946	-3.54677	0.0788122	0.566856	-1.76412	0.00012435	0.142934	-6.99623	0.640431	1.14662	1.14662	0.00346193	0.315285	-3.17173	0.0162012	0.425143	-2.35215	0.0376464	0.495948	-2.01634	9.84905	13.1934	1.19072	1
cg16489689	MUC21	0.00213108	0.271379	0.831297	-1.20294	0.019157	0.632925	-1.57997	0.00152191	0.478725	-2.08888	0.0903168	1.35146	1.35146	0.0565741	0.7059	-1.41663	0.00691836	0.568909	-1.75775	0.0261207	0.653179	-1.53097	0.00047854	0.412931	-2.42171	0.00217062	0.499436	-2.00226	9.46496	3.90329	0.366572	1
cg11042373	MUC21	0.00256828	0.0607881	0.605383	-1.65185	0.491642	1.1804	1.1804	0.838677	1.04959	1.04959	0.620544	1.12581	1.12581	3.36E-05	0.148238	-6.7459	0.60274	0.882776	-1.13279	0.0366148	0.561764	-1.78011	0.140501	0.686266	-1.45716	0.388757	0.810798	-1.23335	8.96065	8.0015	0.793742	1
cg02827154	MUC21	0.00274309	0.01914	0.57939	-1.72595	0.450608	0.862453	-1.15948	0.487293	1.14552	1.14552	0.594677	1.10891	1.10891	0.000619235	0.362701	-2.7571	0.624999	0.909529	-1.09947	0.000529227	2.82647	2.82647	0.678555	1.08353	1.08353	0.574967	1.11523	1.11523	8.78818	5.15791	0.521701	1
cg18630363	MUC21	0.00308339	0.41105	0.844424	-1.18424	0.384755	1.19634	1.19634	0.0048076	0.471113	-2.12263	0.334087	1.22191	1.22191	0.000124156	0.260296	-3.84178	0.200462	0.761824	-1.31264	0.220887	0.771909	-1.29549	0.00438858	0.465214	-2.14955	0.221061	0.771992	-1.29535	8.48871	5.44067	0.569716	1
cg26556020	MUC21	0.00384216	0.314335	1.16835	1.16835	0.0195999	0.655929	-1.52455	0.0113354	0.62244	-1.60658	0.00486958	1.74745	1.74745	0.00447902	1.7625	1.7625	0.0447175	0.708516	-1.4114	0.103176	1.30546	1.30546	0.215999	0.823078	-1.21495	0.113578	0.773017	-1.29363	7.94826	2.81475	0.314786	1
cg07491399	MUC21	0.00390611	0.902135	0.949222	-1.05349	0.000545208	0.102691	-9.73796	0.231001	0.587276	-1.70278	0.457661	1.37767	1.37767	0.185316	1.81309	1.81309	0.308663	1.56259	1.56259	0.000424935	0.0940164	-10.6364	0.391021	0.689141	-1.45108	0.465227	0.729908	-1.37004	7.90888	22.4781	2.52635	1
cg01670444	MUC21	0.00392579	0.00011399	0.22919	-4.36319	0.00899975	0.485591	-2.05935	0.0904354	0.666448	-1.50049	0.121501	0.694093	-1.44073	0.1844	0.736214	-1.3583	0.00475448	0.44244	-2.26019	0.0260751	0.563083	-1.77594	0.393445	0.826844	-1.20942	0.0171796	0.531751	-1.88058	7.89692	5.91704	0.666031	1
cg02795870	MUC21	0.0071185	0.245064	0.684928	-1.46001	0.599962	0.848143	-1.17905	0.00526476	0.318165	-3.14302	0.644684	1.1555	1.1555	0.00023978	0.15074	-6.63396	0.0343867	0.463921	-2.15554	0.0399928	0.477686	-2.09343	0.0552828	0.508534	-1.96644	0.126888	0.598177	-1.67174	6.58056	10.0958	1.36372	1
cg13464738	MUC21	0.00737816	0.248382	0.730905	-1.36817	0.986804	0.995713	-1.00431	0.128312	0.652422	-1.53275	0.00304752	0.348391	-2.87034	0.00100103	0.281065	-3.55789	0.0214757	0.487902	-2.04959	0.887164	1.03757	1.03757	0.00542705	0.386541	-2.58705	0.0169263	0.469166	-2.13144	6.50729	6.95551	0.950114	1
cg22486083	MUC21	0.00786302	0.0552354	0.673775	-1.48417	0.43151	1.15704	1.15704	0.055467	0.674094	-1.48347	0.795965	1.04821	1.04821	0.000211307	0.324538	-3.0813	0.746142	1.06079	1.06079	0.0986645	0.719633	-1.3896	0.160003	0.761274	-1.31359	0.0250462	0.616103	-1.62311	6.3787	3.33503	0.464746	1
cg03500771	MUC21	0.00806122	0.407024	1.13688	1.13688	0.0521355	1.39671	1.39671	0.154796	1.259	1.259	0.104553	1.3078	1.3078	0.274671	0.84206	-1.18756	0.0307234	0.681229	-1.46793	0.00712678	1.69161	1.69161	0.816995	1.03568	1.03568	0.00256116	0.531182	-1.8826	6.32894	2.29302	0.322051	1
cg03701045	MUC21	0.0107129	0.855998	0.963219	-1.03819	0.29097	1.25366	1.25366	0.0888155	0.678948	-1.47287	0.79637	0.948052	-1.05479	0.000211197	0.278645	-3.5888	0.160383	0.733906	-1.36257	0.185581	0.748584	-1.33585	0.0791957	0.668962	-1.49485	0.0686238	0.656735	-1.52268	5.78152	3.89678	0.599116	1
cg09401705	MUC21	0.0115702	0.130174	1.55713	1.55713	0.142179	1.53336	1.53336	0.704333	0.901871	-1.10881	0.199449	0.692626	-1.44378	0.00105036	0.268916	-3.71863	0.774721	0.925207	-1.08084	0.014846	2.25209	2.25209	0.140268	1.537	1.537	0.361954	1.28899	1.28899	5.63975	6.55531	1.03319	1
cg24440898	MUC21	0.0115958	0.251777	0.800158	-1.24975	0.360885	1.19113	1.19113	0.071625	0.687579	-1.45438	0.320577	0.826041	-1.21059	0.000265582	0.327874	-3.04996	0.180409	0.767306	-1.30326	0.235621	0.793384	-1.26042	0.112286	0.724727	-1.37983	0.0179198	0.585248	-1.70868	5.63572	3.09503	0.488161	1
cg21254912	MUC21	0.0121013	0.0287879	0.388862	-2.57161	0.295317	1.48816	1.48816	0.013241	0.324772	-3.07909	0.203422	0.611552	-1.63518	0.0031014	0.227133	-4.4027	0.300309	0.67492	-1.48166	0.194903	0.605176	-1.65241	0.0016512	0.192082	-5.2061	0.136713	0.555855	-1.79903	5.55831	11.8119	1.88896	1
cg11062798	MUC21	0.012261	0.00267445	0.334435	-2.99012	0.165372	1.47751	1.47751	0.734754	1.09386	1.09386	0.682026	0.897021	-1.1148	0.00108805	0.280335	-3.56716	0.938906	0.979981	-1.02043	0.973019	1.00896	1.00896	0.0550758	0.563379	-1.775	0.73973	0.915803	-1.09194	5.53469	6.10079	0.979806	1
cg25382687	MUC21	0.0125076	0.132038	0.6304	-1.58629	0.946899	1.01909	1.01909	0.0145649	0.425665	-2.34926	0.038099	0.505435	-1.97849	0.000765961	0.235356	-4.24889	0.0137709	0.421344	-2.37336	0.668714	1.12997	1.12997	0.476535	0.814269	-1.22809	0.0331718	0.493219	-2.0275	5.49896	7.01671	1.13423	1
cg06183469	MUC21	0.013997	0.137827	0.835279	-1.1972	0.681546	0.954589	-1.04757	0.411756	1.09915	1.09915	0.0486337	0.775933	-1.28877	?	?	?	0.464265	1.08752	1.08752	0.000748205	1.77924	1.77924	0.754128	0.965229	-1.03602	0.188356	1.16999	1.16999	5.40188	0.964832	0.17861	1
cg09876447	MUC21	0.0232566	0.0861182	2.29699	2.29699	0.00153845	7.37667	7.37667	0.165013	1.91457	1.91457	0.412292	1.44427	1.44427	0.134369	2.02976	2.02976	0.163736	1.91885	1.91885	0.00271509	6.14698	6.14698	0.084535	2.30874	2.30874	0.239554	1.71614	1.71614	4.46773	13.6075	2.70731	1
cg02813916	MUC21	0.0243913	0.0405553	0.320671	-3.11846	0.226431	0.542933	-1.84185	0.546248	0.745537	-1.34132	0.00395233	0.155026	-6.45054	0.101211	0.421864	-2.37043	0.00600407	0.177884	-5.62165	0.00655778	0.183028	-5.46364	0.159953	0.485769	-2.05859	0.143882	0.469966	-2.12781	4.3947	16.0958	3.2556	1
cg07664323	MUC21	0.0417997	0.834417	1.0189	1.0189	0.197204	1.12966	1.12966	0.340919	1.09174	1.09174	0.0335217	1.24871	1.24871	0.0182378	1.29213	1.29213	0.0366457	1.24253	1.24253	0.00997291	1.33777	1.33777	0.686502	0.964364	-1.03695	0.231106	0.89374	-1.11889	3.62374	0.459027	0.112597	1
cg03228567	MUC21	0.0423151	0.633786	0.827268	-1.2088	0.742194	1.13931	1.13931	0.0233177	0.342677	-2.9182	0.452857	0.739231	-1.35276	0.00538777	0.235146	-4.25269	0.0459566	0.405044	-2.46887	0.0509827	0.415489	-2.4068	0.0214209	0.335522	-2.98043	0.15527	0.548336	-1.8237	3.60731	8.91847	2.19763	1
cg18921025	MUC21	0.0441229	0.467806	0.718057	-1.39265	0.061246	2.57416	2.57416	0.41221	0.686684	-1.45627	0.834328	0.910377	-1.09845	0.00280144	0.15779	-6.33755	0.799255	1.12103	1.12103	0.424605	0.693797	-1.44134	0.0324928	0.325579	-3.07145	0.47929	0.724386	-1.38048	3.55157	11.3056	2.82958	1
cg08027034	MUC21	0.0475972	0.272627	0.764136	-1.30867	0.282596	0.768702	-1.30089	0.625962	0.890716	-1.12269	0.0215952	0.522047	-1.91554	0.00278258	0.37852	-2.64187	0.25712	0.756811	-1.32133	0.547413	0.866374	-1.15424	0.0131483	0.484613	-2.0635	0.384307	0.810455	-1.23388	3.45194	3.03459	0.78142	1
cg14457875	MUC21	0.0494107	0.614495	0.865815	-1.15498	0.2868	0.730663	-1.36862	0.0784063	0.574261	-1.74137	0.605209	0.862481	-1.15945	0.00122692	0.261466	-3.82458	0.0992228	0.598855	-1.66985	0.182873	0.66965	-1.49332	0.140486	0.63772	-1.56809	0.0877813	0.585901	-1.70677	3.40343	4.33864	1.13314	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)
cg13228421	MUC2;MUC2	0.00434782	0.33013	0.888399	-1.12562	0.000155439	0.466402	-2.14407	0.656216	1.05417	1.05417	0.283152	1.14032
cg18268177	MUC4;MUC4;MUC4	2.86E-05	0.00361572	0.682175	-1.4659	5.63E-05	2.06858	2.06858	0.00793185	0.718485	-1.39182	0.163284	0.865458
cg07622222	MUC4;MUC4;MUC4	0.000596179	8.38E-05	0.31829	-3.14179	0.000766679	2.28047	2.28047	0.00168107	2.06776	2.06776	0.488402	1.12061
cg07341007	MUC4;MUC4;MUC4	0.000744147	0.00345045	2.27227	2.27227	0.000158418	3.80008	3.80008	0.0140455	1.87145	1.87145	0.473725	0.860197
cg02975922	MUC4;MUC4;MUC4	0.000846163	0.743242	0.945126	-1.05806	0.309966	1.19768	1.19768	0.00347763	0.506151	-1.9757	0.876816	0.973718
cg27353899	MUC4;MUC4;MUC4	0.00111635	0.595968	0.81719	-1.2237	0.00343615	4.47887	4.47887	0.0203965	2.87045	2.87045	0.653233	1.18604
cg06370812	MUC4;MUC4;MUC4	0.00136908	0.00606044	0.732722	-1.36477	0.000145211	0.566902	-1.76397	0.000277808	0.59682	-1.67555	0.00956277	0.752228
cg05659262	MUC4;MUC4;MUC4	0.00212754	0.786953	0.985187	-1.01504	0.00289004	1.25318	1.25318	0.68443	1.02277	1.02277	0.77315	0.984203
cg05480110	MUC4;MUC4;MUC4	0.00278227	0.586863	0.795937	-1.25638	0.424972	1.40344	1.40344	0.0144364	0.285341	-3.50457	0.153706	0.529743
cg06175912	MUC4;MUC4;MUC4	0.0031843	0.212169	1.24563	1.24563	0.00503756	0.537954	-1.85889	0.00335346	0.513205	-1.94854	0.0452013	0.681115
cg08521684	MUC4;MUC4;MUC4	0.00437593	0.00599647	0.144891	-6.90173	0.403913	1.58313	1.58313	0.564551	0.731053	-1.36789	0.25071	0.524356
cg16566943	MUC4;MUC4;MUC4	0.00469043	0.664246	0.933477	-1.07126	0.519797	0.902266	-1.10832	0.000125516	0.348908	-2.86609	0.0562711	0.711249
cg08223984	MUC4;MUC4;MUC4	0.00569737	0.155931	0.740519	-1.3504	0.0137589	0.54734	-1.82702	0.142208	0.731818	-1.36646	0.029335	0.601734
cg01784063	MUC4;MUC4;MUC4	0.00672533	0.0266099	0.304217	-3.28712	0.530524	0.749964	-1.3334	0.640222	0.808014	-1.2376	0.213634	1.80946
cg15776416	MUC4;MUC4;MUC4	0.00762763	0.00454752	0.335278	-2.9826	0.19561	0.673191	-1.48546	0.573704	0.848435	-1.17864	0.0106822	0.395398
cg01563973	MUC4;MUC4;MUC4	0.00808713	0.912305	0.972682	-1.02808	0.79751	1.06678	1.06678	0.181547	0.700073	-1.42842	0.937675	0.980531
cg03309251	MUC4;MUC4;MUC4	0.00820448	0.0440184	0.394457	-2.53513	0.0675616	0.439011	-2.27785	0.0656986	0.435949	-2.29385	0.437459	1.37493
cg01999399	MUC4;MUC4;MUC4	0.0123787	0.753425	1.04412	1.04412	0.575568	1.08058	1.08058	0.930271	0.988081	-1.01206	0.68603	1.05726
cg00714170	MUC4;MUC4;MUC4	0.0137138	0.0930654	0.572805	-1.7458	0.915726	0.968582	-1.03244	0.0063027	0.341989	-2.92407	0.0558244	0.520264
cg05834845	MUC4;MUC4;MUC4	0.0195587	0.550033	1.40338	1.40338	0.000689939	18.2291	18.2291	0.0532582	3.42287	3.42287	0.536041	0.703882
cg22913204	MUC4;MUC4;MUC4	0.0242957	0.111491	0.576823	-1.73363	0.896356	1.04223	1.04223	0.011607	0.367333	-2.72233	0.163845	0.624018
cg16358155	MUC4;MUC4;MUC4	0.0324258	0.182391	1.49664	1.49664	0.00672047	2.72228	2.72228	0.108876	1.64578	1.64578	0.863859	0.952277
cg00789671	MUC4;MUC4;MUC4	0.0341716	0.0273128	0.263016	-3.80206	0.471709	0.687702	-1.45412	0.648813	0.790977	-1.26426	0.62857	0.779353
cg16034541	MUC4;MUC4;MUC4	0.0497564	0.905466	1.02965	1.02965	0.743008	0.92228	-1.08427	0.132337	1.4909	1.4909	0.00311733	0.370035
cg10593292	MUC4;MUC4;MUC4;MUC4;MUC4;MUC4	0.0284805	0.91162	0.981806	-1.01853	0.0287093	1.53218	1.53218	0.376584	1.16189	1.16189	0.243026	1.22388
cg01989504	MUC5B	1.11E-06	0.79768	1.02443	1.02443	0.00179143	1.51825	1.51825	4.63E-07	0.263329	-3.79754	4.78E-05	0.487005
cg01554231	MUC5B	1.15E-06	0.160302	0.728341	-1.37298	0.199217	0.750772	-1.33196	0.000884197	0.348904	-2.86612	0.924811	1.02015
cg24185055	MUC5B	5.56E-06	0.171318	0.8586	-1.16469	0.000138353	0.501831	-1.9927	0.313589	0.896647	-1.11527	0.00750495	1.43361
cg16842717	MUC5B	7.29E-06	0.00200932	0.634112	-1.57701	0.00528856	0.680994	-1.46844	0.0193839	0.744196	-1.34373	0.80077	0.973921
cg14973973	MUC5B	1.33E-05	0.424725	0.912514	-1.09587	0.00930047	0.690345	-1.44855	0.0345418	0.75819	-1.31893	0.0189506	1.3759
cg02379155	MUC5B	1.64E-05	0.0158505	0.736824	-1.35718	8.14E-06	0.365169	-2.73846	1.07E-05	0.378521	-2.64186	1.89E-05	0.406796
cg15124950	MUC5B	3.30E-05	0.437116	0.898723	-1.11269	0.000206153	0.432858	-2.31023	7.55E-05	0.38008	-2.63103	0.808721	1.03321
cg05002305	MUC5B	3.72E-05	0.175575	0.77588	-1.28886	2.19E-05	0.222534	-4.49371	0.000643673	0.397472	-2.5159	0.918708	1.01815
cg25406011	MUC5B	4.72E-05	0.00234252	0.530155	-1.88624	0.000995177	0.481607	-2.07638	2.57E-05	0.287587	-3.47721	0.0803084	1.33626
cg07690349	MUC5B	6.44E-05	0.00218263	0.781486	-1.27961	0.00488065	1.23864	1.23864	8.03E-05	0.664728	-1.50437	5.11E-05	0.64721
cg21821231	MUC5B	0.00013157	0.0224396	1.73386	1.73386	0.154412	0.735817	-1.35903	0.794638	0.94886	-1.0539	0.918973	0.979731
cg26740621	MUC5B	0.000183535	0.00528734	0.500767	-1.99694	6.93E-05	0.254738	-3.9256	0.00248628	2.20532	2.20532	0.535471	1.1253
cg27661209	MUC5B	0.000197848	0.00254537	0.641234	-1.55949	0.492494	0.928696	-1.07678	0.000101508	0.481534	-2.0767	0.0222674	1.33741
cg02680732	MUC5B	0.000238458	0.244188	0.764117	-1.3087	0.0535149	0.616184	-1.62289	0.627442	0.897633	-1.11404	0.386182	0.821885
cg13343368	MUC5B	0.000302655	0.91379	0.979176	-1.02127	0.0104021	0.534202	-1.87195	0.00156799	0.413644	-2.41754	0.222458	0.779464
cg26490626	MUC5B	0.000822749	0.00314985	0.40906	-2.44463	0.371806	0.816183	-1.22522	0.221819	0.75244	-1.32901	0.923333	0.978904
cg15953187	MUC5B	0.000855372	0.00111133	0.318681	-3.13793	0.000112701	0.198928	-5.02693	0.00148423	0.335854	-2.97749	0.417668	0.821073
cg24537237	MUC5B	0.00108622	0.000976542	0.133328	-7.50027	0.00445599	0.210461	-4.75148	0.022999	0.327222	-3.05603	0.0958807	0.471742
cg18111867	MUC5B	0.00143936	0.0749447	1.27437	1.27437	0.000925905	0.546241	-1.8307	0.290139	0.874404	-1.14364	0.0542893	1.30602

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23281711	MUM1	0.031939	0.0293684	0.26431	-3.78343	0.0263052	0.255034	-3.92105	0.0411887	0.294814	-3.39197	0.0249868	0.250807	-3.98714	0.0316712	0.270847	-3.69212
cg23057220	MUM1;MUM1	0.00118392	0.0260706	0.357395	-2.79802	0.00650217	3.96762	3.96762	0.0366821	2.57507	2.57507	0.318849	0.669364	-1.49396	0.00529252	0.238755	-4.18839
cg25674938	MUM1;MUM1	0.00150484	0.00922007	2.2383	2.2383	0.12325	0.665644	-1.5023	0.02071	1.97183	1.97183	0.000443103	3.86462	3.86462	0.118787	1.51095	1.51095
cg20673132	MUM1;MUM1	0.0030103	0.161329	1.45986	1.45986	0.0518229	1.75012	1.75012	0.0474295	1.77463	1.77463	0.0101236	2.2717	2.2717	0.00147691	0.313389	-3.19092
cg24128093	MUM1;MUM1	0.00555075	0.430443	1.48677	1.48677	0.601446	0.771268	-1.29657	0.259962	0.560406	-1.78442	0.594069	0.767128	-1.30356	9.65E-05	0.0327775	-30.5088
cg05315158	MUM1;MUM1	0.00813508	0.577587	1.13107	1.13107	0.765817	1.06758	1.06758	0.284674	0.784037	-1.27545	0.0327253	1.72804	1.72804	0.0003112	0.27791	-3.59829
cg15749157	MUM1;MUM1	0.0101549	0.179265	0.833203	-1.20019	0.0542384	1.32237	1.32237	0.191483	0.837875	-1.1935	0.0570896	1.317	1.317	0.153869	0.822604	-1.21565
cg17690515	MUM1;MUM1	0.0124751	0.208383	0.484941	-2.06211	0.00745739	6.55406	6.55406	0.0885305	2.78803	2.78803	0.840584	1.11617	1.11617	0.00163419	0.0852689	-11.7276
cg09293614	MUM1;MUM1	0.0141396	0.10097	1.44184	1.44184	0.21731	0.767655	-1.30267	0.386094	0.834435	-1.19842	0.359129	0.82524	-1.21177	0.0544422	0.641119	-1.55977
cg22735419	MUM1;MUM1	0.0257854	0.120237	0.43725	-2.28702	0.152299	2.12252	2.12252	0.0673151	2.73544	2.73544	0.417797	1.5014	1.5014	0.00349959	0.143085	-6.98884
cg10716163	MUM1;MUM1	0.0309003	0.00828249	0.700977	-1.42658	0.507469	1.07333	1.07333	0.0621156	1.24736	1.24736	0.00559224	1.46656	1.46656	0.493419	1.07594	1.07594
cg25424937	MUM1;MUM1	0.033342	0.0287575	2.99758	2.99758	0.43351	1.40519	1.40519	0.530739	1.31034	1.31034	0.143975	1.95064	1.95064	0.59978	0.798229	-1.25277
cg26871717	MUM1;MUM1	0.0337582	0.259364	0.848687	-1.17829	0.0240444	0.687111	-1.45537	0.252972	0.84664	-1.18114	0.532216	0.915563	-1.09222	0.000957593	0.503579	-1.98579
cg03765980	MUM1;MUM1	0.0337882	0.887057	0.968478	-1.03255	0.00336857	2.45681	2.45681	0.186478	1.37115	1.37115	0.380157	0.816361	-1.22495	0.0253958	0.549444	-1.82002
cg08502383	MUM1;MUM1	0.0442031	0.312045	0.821672	-1.21703	0.0804383	1.43934	1.43934	0.193282	1.29506	1.29506	0.32773	1.20894	1.20894	0.0381547	0.636791	-1.57037
cg22911167	MUM1L1	0.00999041	0.00215858	0.196707	-5.08371	0.090499	0.49448	-2.02233	0.0485884	0.427153	-2.34108	0.0574083	0.444192	-2.25128	0.00194404	0.191099	-5.23289
cg02580986	MUM1L1	0.0313084	0.434705	0.637691	-1.56816	0.414924	0.624759	-1.60062	0.726969	0.82048	-1.2188	0.536174	1.42418	1.42418	0.000501192	0.0463214	-21.5883
cg00456593	MUPCDH;MUPCDH	4.56E-05	0.00293514	0.422026	-2.36952	0.716297	0.925828	-1.08011	0.132078	1.40946	1.40946	0.839782	0.958156	-1.04367	3.92E-06	0.103504	-9.66143
cg27261397	MUPCDH;MUPCDH	0.00065124	0.00447273	0.375934	-2.66004	0.0201764	0.485264	-2.06074	0.142666	1.50176	1.50176	0.384937	0.794624	-1.25846	4.55E-05	0.13671	-7.31476
cg07336987	MUPCDH;MUPCDH	0.00188589	0.117201	0.60275	-1.65906	0.0936252	1.7307	1.7307	0.14387	1.59542	1.59542	0.212119	0.676381	-1.47846	0.000329446	0.178131	-5.61386
cg08057038	MUPCDH;MUPCDH	0.00342195	0.0491152	0.43476	-2.30012	0.549986	0.79908	-1.25144	0.278728	1.5184	1.5184	0.58141	1.22937	1.22937	0.000435832	0.127228	-7.85993
cg11464053	MUPCDH;MUPCDH	0.00496562	0.0129903	0.356598	-2.80428	0.000626801	0.172214	-5.80673	0.0172032	0.378691	-2.64068	0.22406	0.652298	-1.53304	0.00926603	0.33135	-3.01796
cg23505890	MUPCDH;MUPCDH	0.00527265	0.0348511	0.624677	-1.60083	0.000280266	0.32091	-3.11613	0.146834	0.742378	-1.34702	0.150216	0.744477	-1.34322	0.430517	1.16642	1.16642
cg15806880	MUPCDH;MUPCDH	0.00537087	0.0357393	0.468489	-2.13452	0.0701636	0.53358	-1.87413	0.902909	0.962841	-1.03859	0.561638	0.833524	-1.19973	0.000274064	0.157318	-6.35656
cg22289115	MUPCDH;MUPCDH	0.010876	0.203093	1.67388	1.67388	0.543277	0.789854	-1.26606	0.0391786	2.49686	2.49686	0.174946	1.73872	1.73872	0.00166694	0.178318	-5.60796
cg06616055	MUPCDH;MUPCDH	0.0261587	0.0278962	0.458448	-2.18127	0.0616421	0.5316	-1.88111	0.0802466	0.5585	-1.79051	0.864123	0.949886	-1.05276	0.00189785	0.266867	-3.74718
cg21565415	MUPCDH;MUPCDH	0.0358674	0.0534154	0.536236	-1.86485	0.000861181	0.241431	-4.14198	0.0388394	0.506924	-1.97268	0.391452	0.779274	-1.28325	0.945181	0.980658	-1.01972
cg03886085	MUPCDH;MUPCDH	0.0418656	0.130547	0.437895	-2.28365	0.393733	0.642869	-1.55553	0.093636	0.393585	-2.54075	0.0886329	0.386776	-2.58548	0.00301631	0.127917	-7.81755
cg23724016	MUPCDH;MUPCDH	0.0492825	0.00670005	0.588826	-1.69829	0.128778	0.780971	-1.28046	0.168141	0.801562	-1.24756	0.122587	0.777273	-1.28655	0.0350614	0.690867	-1.44746
cg13937462	MUPCDH;MUPCDH;MUPCDH;MUPCDH	0.0403788	0.0385312	0.24666	-4.05417	0.48062	1.51996	1.51996	0.47107	1.53443	1.53443	0.721367	1.2326	1.2326	0.0124642	0.162723	-6.14541
cg14349231	MURC	0.00116401	0.0448893	0.694484	-1.43992	0.000993846	0.460875	-2.16979	0.00176329	0.493812	-2.02506	0.0183735	0.635639	-1.57322	0.000221255	0.377442	-2.64942
cg14429381	MURC	0.0457984	0.299494	0.715901	-1.39684	0.847666	1.0616	1.0616	0.0301312	0.45266	-2.20916	0.18264	0.644304	-1.55206	0.00551655	0.321811	-3.10742
cg17260001	MUS81	0.008693	0.138456	0.649681	-1.53922	0.2727	0.734414	-1.36163	0.915395	0.971675	-1.02915	0.0160566	0.450785	-2.21835	0.0125542	0.431957	-2.31505
cg22258976	MUS81	0.0103822	0.161717	0.762815	-1.31093	0.776374	0.949711	-1.05295	0.105606	1.37756	1.37756	0.071525	0.694459	-1.43997	0.105341	0.725714	-1.37795
cg15883761	MUS81	0.0141835	0.97543	1.00362	1.00362	0.498384	1.0839	1.0839	0.00129922	1.73172	1.73172	0.87331	0.981469	-1.01888	0.707476	0.956775	-1.04518
cg23097052	MUS81	0.0147341	0.10237	0.703575	-1.42131	0.121756	1.39086	1.39086	0.973966	0.993602	-1.00644	0.141343	1.36492	1.36492	0.213629	0.772933	-1.29377
cg05179501	MUS81	0.0194032	0.0553446	0.658776	-1.51797	0.19558	0.768723	-1.30086	0.892596	0.974375	-1.0263	0.00467138	0.48542	-2.06007	0.00637903	0.505545	-1.97806
cg12069248	MUS81	0.0469588	0.813074	0.973112	-1.02763	0.0191565	1.38564	1.38564	0.0277341	1.34903	1.34903	0.750859	0.964011	-1.03733	0.766148	1.03492	1.03492
cg04055107	MUS81;CFL1	9.28E-05	0.253319	0.892268	-1.12074	0.765821	1.02895	1.02895	0.0174208	1.31862	1.31862	0.0124615	0.742984	-1.34592	5.79E-05	2.03872	2.03872
cg12873305	MUS81;CFL1	0.029717	0.107659	0.793124	-1.26084	0.340877	0.878473	-1.13834	0.145672	0.813642	-1.22904	0.066954	0.762538	-1.31141	0.100007	0.788258	-1.26862
cg14161107	MUSK;MUSK;MUSK	0.0046761	0.231896	1.37482	1.37482	0.0919411	0.624366	-1.60163	0.361911	0.78826	-1.26862	0.00163558	0.318133	-3.14334	0.0280368	0.517449	-1.93256
cg01737465	MUSK;MUSK;MUSK	0.0438979	0.423968	0.877017	-1.14023	0.601221	1.08844	1.08844	0.572702	0.912472	-1.09592	0.312487	0.84544	-1.18282	0.00162612	2.06604	2.06604
cg20735041	MUSTN1	0.00043026	0.000700557	2.44155	2.44155	0.000328564	0.367138	-2.72377	0.110134	1.35086	1.35086	0.449044	0.875257	-1.14252	0.00770602	0.553604	-1.80635
cg21547371	MUSTN1	0.0378281	0.524238	1.17018	1.17018	0.207051	1.38267	1.38267	0.909697	0.972749	-1.02801	0.0910062	0.635501	-1.57356	0.0440478	0.569255	-1.75668
cg00016718	MUT	0.020612	0.0195068	0.290963	-3.43686	0.0590059	0.393605	-2.54062	0.107251	0.463564	-2.1572	0.25363	0.593723	-1.68429	0.00166359	0.139853	-7.15036
cg01802635	MUTED	0.000155167	0.11258	1.37782	1.37782	0.203574	0.77958	-1.28274	0.698753	0.930385	-1.07482	0.349069	0.83622	-1.19586	0.356445	0.838628	-1.19242
cg19118569	MUTED	0.0159405	0.0334987	0.602975	-1.65844	0.0869728	1.46953	1.46953	0.093122	0.686465	-1.45674	0.000665105	0.346076	-2.88954	0.19931	0.758669	-1.3181
cg06142043	MUTED	0.0191808	0.812265	1.06649	1.06649	0.0323531	2.12822	2.12822	0.00850155	0.33975	-2.94334	0.0449267	1.98129	1.98129	?	?	?
cg20701461	MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH	0.000367801	0.00215344	0.316481	-3.15974	0.029443	0.504179	-1.98342	0.00709688	0.394999	-2.53165	0.0196368	0.471059	-2.12287	7.25E-05	0.145333	-6.88074
cg19235065	MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH	0.00497908	0.141687	0.742057	-1.34761	0.000601733	0.368217	-2.71579	0.12987	1.36194	1.36194	0.256333	0.799558	-1.25069	0.00182509	0.433299	-2.30787
cg04597831	MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;MUTYH	0.0180465	0.0599762	0.805041	-1.24217	0.941691	1.0075	1.0075	0.105502	1.19809	1.19809	0.824232	1.02299	1.02299	0.269762	0.88919	-1.12462
cg15457731	MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;MUTYH;MUTYH	0.0323112	0.0961978	1.22376	1.22376	0.160793	1.18008	1.18008	0.0585412	1.26647	1.26647	0.153971	0.844754	-1.18378	0.0850885	1.23423	1.23423
cg21853989	MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;MUTYH	0.000119281	3.41E-05	0.207472	-4.81992	0.208617	0.771178	-1.29672	0.0132022	0.547603	-1.82614	0.722281	0.932437	-1.07246	7.15E-05	0.24207	-4.13104
cg09360654	MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;MUTYH	0.00045442	0.000129957	0.132818	-7.52911	0.0897879	1.76474	1.76474	0.0285865	0.456352	-2.19129	0.0158769	0.407724	-2.45264	0.00105627	0.22967	-4.35408
cg17412005	MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;MUTYH	0.0451148	0.0185606	0.102345	-9.77091	0.764299	0.786539	-1.27139	0.0530489	0.172848	-5.78543	0.967908	1.03265	1.03265	0.0170791	0.0981188	-10.1917
cg01924755	MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;TOE1;MUTYH	0.049463	?	?	?	0.0264338	3.7431	3.7431	0.124813	2.30089	2.30089	0.852252	0.910736	-1.09801	0.253757	0.55007	-1.81795
cg06788803	MUTYH;TOE1;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH	0.0320464	0.00264148	2.05671	2.05671	0.984204	0.996575	-1.00344	0.77334	0.951183	-1.05132	0.0140152	0.59109	-1.69179	0.819083	0.961071	-1.04051
cg22675825	MUTYH;TOE1;MUTYH;TOE1;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH	0.00161208	0.0385728	0.783317	-1.27662	0.301728	0.896689	-1.11521	0.099303	1.20218	1.20218	0.00767811	0.705271	-1.41789	0.0548681	0.800986	-1.24846
cg07444898	MVD	4.74E-05	0.181382	0.796816	-1.25499	0.962705	1.00751	1.00751	0.00177783	0.490554	-2.03851	0.0010427	0.45979	-2.17491	6.21E-07	0.112148	-8.91677
cg10280048	MVD	0.00016048	0.376163	1.22013	1.22013	0.0115584	1.99729	1.99729	0.0116678	0.501347	-1.99462	0.00938674	2.05751	2.05751	3.60E-05	0.174698	-5.72416
cg00612508	MVD	0.00143858	0.249758	0.788015	-1.26901	0.0381976	0.621381	-1.60932	0.0199935	1.74382	1.74382	0.195217	1.31174	1.31174	5.79E-05	0.228395	-4.37839
cg03125909	MVD	0.00811483	0.804086	1.03311	1.03311	0.0106775	1.52286	1.52286	0.357614	1.13199	1.13199	0.0446903	0.739312	-1.35261	0.030253	0.71616	-1.39634
cg00827853	MVD	0.00815287	0.706198	0.888846	-1.12505	0.874806	0.952125	-1.05028	0.00315217	0.284953	-3.50935	0.741665	0.902193	-1.10841	0.196539	0.653858	-1.52938
cg00331852	MVD	0.0326871	0.482999	0.842968	-1.18628	0.291129	0.769143	-1.30015	0.0060747	0.423831	-2.35943	0.304743	1.29002	1.29002	0.0229652	1.91896	1.91896
cg05355684	MVD	0.0338101	0.271055	0.746093	-1.34031	0.53188	1.1757	1.1757	0.00133392	0.303512	-3.29476	0.113784	1.55241	1.55241	0.649523	0.889636	-1.12406
cg08884029	MVK;MMAB;MVK	0.00651245	0.03653	0.33944	-2.94602	0.00340876	0.170417	-5.86795	0.566475	0.772874	-1.29387	0.390173	0.676041	-1.4792	0.00985366	0.23451	-4.26422
cg11967675	MVK;MMAB;MVK;MVK;MVK	0.0498499	0.0154609	0.215459	-4.64126	0.0738871	0.36307	-2.75429	0.747699	0.8509	-1.17523	0.344618	1.6306	1.6306	0.0445642	0.307675	-3.25018
cg23364246	MVK;MVK	0.00548977	0.431035	1.14651	1.14651	0.0507018	0.684717	-1.46046	0.239169	0.810829	-1.23331	0.530588	0.897566	-1.11412	0.0472233	0.679596	-1.47146
cg12495807	MVK;MVK	0.0178659	0.0205854	0.750477	-1.33249	0.0241875	1.31864	1.31864	0.0319658	1.29518	1.29518	0.830886	0.97823	-1.02225	0.88102	0.984704	-1.01553
cg27604975	MVK;MVK	0.0215984	0.00622593	0.281211	-3.55605	0.403794	1.35517	1.35517	0.221455	0.633045	-1.57967	0.953372	1.02102	1.02102	0.00434064	0.257685	-3.88071
cg27263151	MVK;MVK	0.0216174	0.0754581	0.476748	-2.09754	0.00829347	0.282719	-3.53708	0.038357	0.407288	-2.45527	0.569727	0.806507	-1.23991	0.00530615	0.252773	-3.95611
cg20424400	MVK;MVK	0.0381431	0.431023	0.860451	-1.16218	0.0212324	0.595752	-1.67855	0.0430032	0.646958	-1.5457	0.212701	0.78236	-1.27818	0.0990388	0.713062	-1.4024
cg00367863	MVP;MVP	1.71E-05	0.354744	1.17577	1.17577	0.0636994	0.701495	-1.42553	0.00627643	0.545757	-1.83232	0.854691	1.03167	1.03167	1.54E-06	0.126823	-7.88502
cg03856401	MVP;MVP	4.55E-05	0.00253774	0.250998	-3.9841	0.00301049	0.261305	-3.82695	1.66E-05	0.0538945	-18.5548	0.0588041	0.494494	-2.02227	1.88E-06	0.0201507	-49.626
cg00253339	MVP;MVP	6.43E-05	0.512697	1.14895	1.14895	0.0377143	0.60407	-1.65544	0.0105606	0.510325	-1.95953	6.11E-05	0.212833	-4.69853	1.53E-06	0.0786893	-12.7082
cg16583863	MVP;MVP	0.000348771	0.880358	0.971797	-1.02902	0.566989	1.11618	1.11618	0.210416	0.778276	-1.28489	0.0159023	0.570711	-1.7522	0.0559833	0.662858	-1.50862
cg27575052	MVP;MVP	0.00105341	0.151452	0.71026	-1.40794	0.195434	1.35634	1.35634	0.0205498	0.537359	-1.86095	0.0940001	0.663736	-1.50662	1.22E-05	0.128168	-7.80227
cg07335435	MVP;MVP	0.00769514	0.0214737	0.342393	-2.92062	0.118671	0.518316	-1.92932	0.000593623	0.127783	-7.82578	0.355554	0.691621	-1.44588	0.00286622	0.203588	-4.91188
cg05109729	MVP;MVP	0.026125	0.542631	0.849167	-1.17762	0.518963	1.18941	1.18941	0.202383	0.699727	-1.42913	0.993079	0.997702	-1.0023	0.00143935	0.294579	-3.39468
cg04891924	MVP;MVP	0.0285991	0.54923	1.08758	1.08758	0.0153132	1.51046	1.51046	0.484445	0.90626	-1.10344	0.0752011	0.759987	-1.31581	0.00731802	0.619379	-1.61452
cg03215005	MX1	0.00124175	0.809307	0.896568	-1.11536	0.615838	0.795576	-1.25695	0.795637	1.12437	1.12437	?	?	?	3.25E-05	0.0167861	-59.573
cg12605796	MX1	0.00666104	0.763792	0.967193	-1.03392	0.377062	1.10553	1.10553	0.628973	0.947537	-1.05537	0.942044	1.00808	1.00808	0.260121	0.878083	-1.13884
cg10833439	MX1	0.0154564	0.0210056	0.23464	-4.26186	0.0206793	0.233433	-4.28389	0.00407571	0.133587	-7.48577	0.174675	0.470554	-2.12515	0.00460586	0.139601	-7.16325
cg02017634	MX1	0.0302441	0.145897	0.781693	-1.27927	0.501836	0.898046	-1.11353	0.0729434	0.729392	-1.37101	0.172602	0.795331	-1.25734	0.393169	0.871106	-1.14797
cg14746283	MX1;MX1	0.000492022	0.0851147	1.22246	1.22246	0.000550138	0.567727	-1.76141	0.128629	0.840898	-1.18921	0.0022033	1.57274	1.57274	0.00861284	0.702242	-1.42401
cg21135483	MX1;MX1	0.00175265	0.0561513	0.662984	-1.50833	0.0106368	1.84101	1.84101	0.0763461	0.687525	-1.45449	0.0903268	1.42567	1.42567	0.000514727	0.357018	-2.80098
cg16733866	MX1;MX1	0.00369679	0.0291997	0.67438	-1.48284	0.0129749	0.623314	-1.60433	0.01346	0.625575	-1.59853	0.202536	1.22908	1.22908	0.0071659	0.587258	-1.70283
cg13507964	MX1;MX1	0.0236441	0.0671151	0.736077	-1.35855	0.00169565	0.511919	-1.95344	0.014302	0.636954	-1.56997	0.0379272	0.698113	-1.43243	0.0745946	0.743354	-1.34525
cg21549285	MX1;MX1	0.0450668	0.280739	0.692764	-1.44349	0.155902	1.64384	1.64384	0.208845	0.648087	-1.543	0.669429	0.868832	-1.15097	0.426633	1.30441	1.30441
cg26312951	MX1;MX1	0.0468248	0.0324493	0.404819	-2.47024	0.114559	0.538018	-1.85867	0.0719148	0.484029	-2.06599	0.0668659	0.476164	-2.10012	0.603637	1.20825	1.20825
cg00764652	MX2	8.33E-05	0.0251693	0.785591	-1.27293	0.00773803	0.733418	-1.36348	0.0818194	0.839646	-1.19098	0.0958968	1.18027	1.18027	0.414747	1.07848	1.07848
cg05656374	MX2	0.00108822	0.000128058	0.174753	-5.72236	0.699748	0.903494	-1.10681	0.0208201	0.482607	-2.07208	0.0012626	0.291558	-3.42985	0.0182313	0.472107	-2.11816
cg15281283	MX2	0.00137861	0.000275919	0.275715	-3.62693	0.295903	0.790955	-1.26429	0.00935677	0.490135	-2.04025	0.000824034	0.336163	-2.97475	0.0074367	0.474319	-2.10829
cg02949186	MX2	0.00807462	0.00126601	0.352051	-2.8405	0.628341	0.897405	-1.11432	0.0458577	0.601745	-1.66183	0.00461862	0.433267	-2.30805	0.088052	0.65853	-1.51853
cg06752054	MX2	0.0213244	0.00966554	0.403911	-2.47579	0.630492	1.14361	1.14361	0.028664	0.489363	-2.04347	0.00969503	0.404134	-2.47442	0.0566108	0.55021	-1.81749
cg21390801	MX2	0.0213522	0.00685156	0.454856	-2.1985	0.0196217	1.88561	1.88561	0.339852	0.801484	-1.24769	0.0220692	0.539255	-1.85441	0.0670091	0.630114	-1.58702
cg02381521	MX2	0.029412	0.471819	0.8711	-1.14797	0.104205	0.715391	-1.39784	0.000595032	0.368067	-2.7169	0.689184	0.926996	-1.07875	0.0615253	0.67225	-1.48754
cg21130374	MX2	0.0484146	0.00743284	0.366355	-2.72959	0.511616	0.829859	-1.20502	0.0648739	0.554201	-1.8044	0.0124748	0.406516	-2.45993	0.94758	0.981786	-1.01855
cg18529569	MXD1	0.0014466	0.022663	0.5391	-1.85494	0.0244753	0.545035	-1.83474	0.0981304	1.50806	1.50806	0.402076	0.823501	-1.21433	0.000888407	0.32386	-3.08775
cg04873188	MXD1	0.00678317	0.0644734	0.520152	-1.92252	0.0694115	0.527729	-1.89491	0.406268	0.765396	-1.30651	0.0406122	0.475215	-2.10431	0.00188607	0.249988	-4.00019
cg19463706	MXD1	0.00838556	0.311195	1.54331	1.54331	0.00287133	0.182962	-5.46563	0.432505	1.3934	1.3934	0.481015	1.34534	1.34534	0.00280419	0.181689	-5.50392
cg24621801	MXD1	0.0100569	0.278965	0.900964	-1.10992	0.0217718	1.29063	1.29063	0.172987	1.14379	1.14379	0.255316	0.895809	-1.11631	0.804834	1.0232	1.0232
cg20004134	MXD1	0.0147488	0.0695414	0.696092	-1.43659	0.00147497	0.440923	-2.26797	0.2591	0.81049	-1.23382	0.02091	0.608965	-1.64213	0.534259	1.11889	1.11889
cg13915702	MXD1	0.0256424	0.750556	0.95637	-1.04562	0.0664974	0.74989	-1.33353	0.0221731	0.68143	-1.4675	0.41577	1.12338	1.12338	0.0144615	1.52426	1.52426
cg23560113	MXD1	0.0298249	0.781365	0.949646	-1.05302	0.0849123	1.42446	1.42446	0.00201991	2.24505	2.24505	0.235617	0.79389	-1.25962	0.335086	1.20273	1.20273
cg21482635	MXD1	0.0366801	0.00321135	0.574913	-1.73939	0.0939761	1.28846	1.28846	0.343257	1.14383	1.14383	0.436992	0.896611	-1.11531	0.271299	0.854171	-1.17073
cg18465082	MXD3;MXD3	9.65E-06	0.000526389	0.404553	-2.47186	1.89E-05	0.232853	-4.29456	0.0289045	0.649495	-1.53966	0.656237	0.927695	-1.07794	1.09E-06	0.119126	-8.39449
cg25101061	MXD3;MXD3	0.00427451	0.466736	0.951673	-1.05078	0.00594779	0.786182	-1.27197	0.798316	1.01727	1.01727	0.0195384	1.20774	1.20774	0.241962	1.08536	1.08536
cg25213720	MXD3;MXD3	0.00778104	0.936881	1.01446	1.01446	0.00824369	1.84532	1.84532	0.607721	0.910394	-1.09843	0.10248	0.723265	-1.38262	0.0464273	0.661273	-1.51224
cg09044296	MXD3;MXD3	0.0107878	0.0113398	2.06053	2.06053	0.4772	1.17917	1.17917	0.100399	1.50747	1.50747	0.200237	1.36145	1.36145	0.491207	1.17286	1.17286
cg07671752	MXD3;MXD3	0.0176173	0.122692	0.711196	-1.40608	0.548344	0.883589	-1.13175	0.966863	0.991571	-1.0085	0.277722	0.794526	-1.25861	0.000220296	0.285257	-3.50561
cg10533277	MXD3;MXD3	0.0282997	0.0774999	0.524588	-1.90626	0.565165	0.826	-1.21065	0.894869	0.957465	-1.04442	0.467445	1.27517	1.27517	0.45859	1.28161	1.28161
cg26087598	MXD3;MXD3	0.039636	0.0405823	0.726275	-1.37689	0.590876	1.07616	1.07616	0.130653	1.24704	1.24704	0.392965	0.888377	-1.12565	0.681605	0.945733	-1.05738
cg27070244	MXD4	0.00300553	0.134554	0.747821	-1.33722	0.00414142	0.500395	-1.99842	0.370949	0.847498	-1.17994	0.000212345	0.327999	-3.04879	0.969411	1.00693	1.00693
cg27577070	MXD4	0.014564	0.0609266	1.39544	1.39544	0.031449	1.48892	1.48892	0.194769	1.24155	1.24155	0.0779051	1.36212	1.36212	0.818042	1.03702	1.03702
cg22194305	MXD4	0.0173677	0.24921	0.825116	-1.21195	0.0480154	1.43442	1.43442	0.0290233	1.50796	1.50796	0.125195	0.767281	-1.3033	0.758011	0.951871	-1.05056
cg09920549	MXD4	0.0358214	0.329971	0.631989	-1.58231	0.0319366	0.317448	-3.15013	0.0211139	0.282002	-3.54607	?	?	?	0.98109	0.98924	-1.01088
cg00919715	MXD4	0.0472231	0.829197	0.97551	-1.02511	0.0164731	1.39979	1.39979	0.0211774	1.37445	1.37445	0.0488349	1.29459	1.29459	0.324479	1.12387	1.12387
cg13017345	MXI1	0.0129565	0.0280312	1.66541	1.66541	0.0105173	1.88274	1.88274	0.0231731	1.70493	1.70493	0.275629	1.2497	1.2497	0.0449234	0.636128	-1.57201
cg05140650	MXI1	0.0272874	0.695838	0.910881	-1.09784	0.431408	0.826313	-1.2102	0.495763	0.848468	-1.17859	0.173093	0.708628	-1.41118	0.0022739	0.362701	-2.75709
cg19584136	MXI1;MXI1	1.83E-05	0.00156888	0.46782	-2.13757	0.00383158	0.521033	-1.91926	0.0676466	0.710075	-1.4083	0.130035	1.31457	1.31457	3.77E-07	0.0872882	-11.4563
cg17026854	MXI1;MXI1	0.000221309	0.048194	0.808497	-1.23686	2.84E-05	0.460888	-2.16972	0.00471937	1.42397	1.42397	0.428973	1.07898	1.07898	0.582175	0.949027	-1.05371
cg13708908	MXI1;MXI1	0.0113305	0.491812	1.11168	1.11168	0.580026	1.08845	1.08845	0.0132502	1.59281	1.59281	0.0251628	1.49749	1.49749	0.0160726	0.639704	-1.56322
cg13637321	MXI1;MXI1;MXI1	0.000218136	0.0153016	0.397172	-2.5178	0.225998	1.48332	1.48332	0.617904	0.855594	-1.16878	0.111766	1.71106	1.71106	0.00213581	0.26238	-3.81126
cg17719202	MXI1;MXI1;MXI1	0.00366805	0.00180696	0.513105	-1.94892	0.228133	1.20953	1.20953	0.498947	0.901925	-1.10874	0.0295438	0.680217	-1.47012	0.00165703	0.508168	-1.96785
cg23222201	MXI1;MXI1;MXI1	0.00377618	0.0789884	1.98285	1.98285	0.100638	0.531981	-1.87977	0.391817	1.36058	1.36058	0.171259	1.66737	1.66737	0.000513602	0.149118	-6.7061
cg14609104	MXI1;MXI1;MXI1	0.00751992	0.187223	0.634624	-1.57574	0.450357	0.778645	-1.28428	0.420901	1.30667	1.30667	0.315374	1.40174	1.40174	0.851696	0.940934	-1.06277

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23281711	0.0630658	0.338176	-2.95704	0.0431561	0.299278	-3.34137	0.0118727	0.196214	-5.09646	0.0198663	0.232714	-4.29712	3.9966	17.0201	3.78545	1
cg23057220	0.00016383	0.0817002	-12.2399	0.010293	0.28369	-3.52497	0.105692	0.502252	-1.99103	0.719269	0.868801	-1.15101	11.2149	26.9677	2.13745	1
cg25674938	0.116647	1.51522	1.51522	0.0851755	0.6288	-1.59033	0.869405	1.04093	1.04093	0.000284467	4.24167	4.24167	10.4699	9.85309	0.836525	1
cg20673132	0.0161732	0.475142	-2.10464	0.0467881	0.562293	-1.77843	0.198559	1.41008	1.41008	0.0395467	0.547634	-1.82604	8.54944	8.66201	0.900593	1
cg24128093	?	?	?	0.100739	0.412326	-2.42527	0.451603	1.45931	1.45931	0.372444	0.636821	-1.5703	7.25846	24.8179	3.41917	1
cg05315158	0.243017	0.765322	-1.30664	0.538831	1.14594	1.14594	0.0910785	1.50299	1.50299	0.410572	1.20228	1.20228	6.31079	4.79025	0.674718	1
cg15749157	0.0457138	0.746018	-1.34045	0.0010556	1.85821	1.85821	0.322319	1.13971	1.13971	0.639505	1.0622	1.0622	5.88162	1.52406	0.230331	1
cg17690515	0.177613	2.1854	2.1854	0.20519	0.482202	-2.07382	0.701172	1.23417	1.23417	0.562155	0.726293	-1.37685	5.50362	25.9546	4.19192	1
cg09293614	0.000608905	0.340951	-2.93298	0.222919	0.770361	-1.29809	0.284982	1.25387	1.25387	0.0488211	0.632341	-1.58142	5.28263	3.47195	0.584213	1
cg22735419	0.420612	1.49756	1.49756	0.112122	0.42781	-2.33749	0.113596	2.32799	2.32799	0.50381	0.71679	-1.39511	4.31053	16.4463	3.39144	1
cg10716163	0.566606	1.06286	1.06286	0.402148	0.913714	-1.09443	0.751294	0.967092	-1.03403	0.78648	0.97183	-1.02899	4.04407	0.709377	0.155922	1
cg25424937	0.276284	1.61933	1.61933	0.020268	0.303816	-3.29146	0.0297257	2.97131	2.97131	0.0185716	3.36986	3.36986	3.93544	11.2918	2.55046	1
cg26871717	0.587809	1.07929	1.07929	0.542805	1.08969	1.08969	0.722723	0.951538	-1.05093	0.612763	0.931308	-1.07376	3.91791	1.20635	0.273695	1
cg03765980	0.782085	1.06449	1.06449	0.054302	1.6359	1.6359	0.638875	1.11241	1.11241	0.821853	0.950442	-1.05214	3.91665	3.15103	0.71513	1
cg08502383	0.459974	0.868237	-1.15176	0.00635214	1.9488	1.9488	0.841604	0.963118	-1.03829	0.248616	1.2542	1.2542	3.54916	1.98274	0.496579	1
cg22911167	0.0206327	0.349045	-2.86496	0.00368555	0.227176	-4.40188	0.102896	0.509814	-1.9615	0.133337	0.542598	-1.84299	5.91243	13.3494	2.00698	1
cg02580986	0.958943	0.971359	-1.02949	0.813797	0.875307	-1.14246	0.532515	0.699873	-1.42883	0.299775	1.83412	1.83412	4.02519	20.3118	4.4855	1
cg00456593	0.189765	0.745816	-1.34081	4.55E-06	0.108183	-9.24363	0.291001	0.793438	-1.26034	0.510508	0.868537	-1.15136	27.2708	19.2581	0.627715	1
cg27261397	0.858696	1.04706	1.04706	0.000318098	0.222129	-4.50188	0.345003	1.28532	1.28532	0.877372	0.960935	-1.04065	13.2766	14.0041	0.937599	1
cg07336987	0.542186	0.832312	-1.20147	0.000231923	0.162427	-6.15662	0.59303	0.851729	-1.17408	0.495037	1.2289	1.2289	9.80814	13.7476	1.24591	1
cg08057038	0.068336	0.469151	-2.13151	0.00078037	0.151901	-6.58323	0.110059	1.90769	1.90769	0.218793	0.619007	-1.61549	8.22913	17.9234	1.93604	1
cg11464053	0.453511	0.774585	-1.29101	0.000698714	0.17736	-5.63825	0.116319	0.565037	-1.7698	0.201945	0.637175	-1.56943	7.35407	13.0331	1.57531	1
cg23505890	0.0638164	1.48975	1.48975	0.258694	0.798147	-1.2529	0.901009	0.976473	-1.02409	0.00659465	0.509223	-1.96377	7.22042	4.18576	0.515299	1
cg15806880	0.520343	1.22407	1.22407	0.0014747	0.240797	-4.15288	0.850461	1.06031	1.06031	0.673943	0.876951	-1.14032	7.1797	10.9478	1.3554	1
cg22289115	0.276126	0.647684	-1.54396	0.0206294	0.343394	-2.91211	0.0890718	2.05232	2.05232	0.315854	1.48828	1.48828	5.75349	13.3956	2.06956	1
cg06616055	0.433184	0.786569	-1.27134	0.0108693	0.382931	-2.61144	0.677589	1.13372	1.13372	0.237445	0.689698	-1.44991	4.28895	6.12039	1.26846	1
cg21565415	0.282701	0.72829	-1.37308	0.678174	0.888231	-1.12583	0.169915	0.660192	-1.51471	0.548699	0.841676	-1.18811	3.83297	4.89745	1.13575	1
cg03886085	0.0414702	0.304499	-3.28408	0.0133305	0.212137	-4.71393	0.616906	0.774866	-1.29055	0.0779301	0.371327	-2.69305	3.62163	14.6703	3.60067	1
cg23724016	0.154573	1.25793	1.25793	0.206057	0.818017	-1.22247	0.428613	1.12941	1.12941	0.173626	0.804112	-1.24361	3.40678	1.22369	0.319283	1
cg13937462	0.0974328	0.345724	-2.89248	0.00760934	0.134764	-7.4204	0.57577	1.39118	1.39118	0.458299	0.643373	-1.55431	3.67036	19.8245	4.80109	1
cg14349231	0.040444	0.687396	-1.45477	0.63533	1.0786	1.0786	0.0417446	1.45024	1.45024	0.499001	1.11482	1.11482	11.2693	4.47688	0.353124	1
cg14429381	0.242546	0.683762	-1.4625	0.0171146	0.405238	-2.46769	0.266867	1.43268	1.43268	0.329267	0.731285	-1.36746	3.50236	5.35889	1.36007	1
cg17260001	0.224779	0.708389	-1.41165	0.000973444	3.76917	3.76917	0.657072	1.12842	1.12842	0.777772	1.07951	1.07951	6.17998	7.15576	1.02924	1
cg22258976	0.731412	0.93948	-1.06442	0.000220092	0.327747	-3.05114	0.295485	0.821549	-1.21721	0.263075	0.80945	-1.23541	5.84003	3.03635	0.462151	1
cg15883761	0.175619	1.1839	1.1839	0.00596525	0.656139	-1.52407	0.0817926	1.25366	1.25366	0.534591	1.07651	1.07651	5.27724	1.14839	0.193433	1
cg23097052	0.00325531	0.454238	-2.20149	0.00923593	0.52211	-1.91531	0.794667	0.949996	-1.05264	0.0179795	0.56812	-1.76019	5.21141	3.19287	0.544595	1
cg05179501	0.075694	0.683919	-1.46216	0.00374392	0.471351	-2.12156	0.943549	0.986484	-1.0137	0.116371	0.720451	-1.38802	4.75316	2.77974	0.519838	1
cg12069248	0.511412	1.07965	1.07965	0.52533	1.07687	1.07687	0.841218	1.02335	1.02335	0.00281375	1.60569	1.60569	3.46956	0.727532	0.186391	1
cg04055107	0.0297017	0.783094	-1.27699	1.00E-05	0.404326	-2.47325	0.120393	0.851329	-1.17463	0.659468	1.04328	1.04328	22.5883	3.26583	0.128516	1
cg12873305	0.015152	0.67442	-1.48275	0.388245	0.889816	-1.12383	0.0367968	1.37741	1.37741	0.0548513	1.33305	1.33305	4.1006	1.13184	0.24535	1
cg14161107	0.00193909	0.328479	-3.04434	0.0108221	0.443704	-2.25376	0.0383976	1.83874	1.83874	0.322404	0.771427	-1.2963	7.48988	7.64599	0.907415	1
cg01737465	0.248703	1.21381	1.21381	0.155703	1.27648	1.27648	0.114484	1.31768	1.31768	0.731743	0.946202	-1.05686	3.55835	1.4554	0.363564	1
cg20735041	0.115373	0.744054	-1.34399	0.0216314	0.621065	-1.61014	0.000808499	2.39365	2.39365	0.221977	1.24819	1.24819	14.8973	7.03804	0.419943	1
cg21547371	0.0677974	0.607641	-1.64571	0.0195183	0.502894	-1.98849	0.0295099	1.86663	1.86663	0.536108	0.858501	-1.16482	3.75936	3.53057	0.834792	1
cg00016718	0.0589393	0.393484	-2.5414	0.0110717	0.248285	-4.02763	0.570222	1.28518	1.28518	0.119146	0.47731	-2.09507	4.65656	14.1032	2.69215	1
cg01802635	0.526861	0.887835	-1.12634	1.91E-06	0.111745	-8.94892	0.100484	1.39634	1.39634	0.0405869	1.55076	1.55076	19.6764	10.7287	0.484674	1
cg19118569	0.5818	0.892896	-1.11995	0.395288	0.837526	-1.19399	0.0793327	0.672558	-1.48686	0.9189	1.02096	1.02096	5.07728	3.33517	0.583894	1
cg06142043	0.133979	0.631609	-1.58326	0.0730026	1.78976	1.78976	0.0602959	0.537072	-1.86195	0.0678452	0.550372	-1.81695	7.65023	7.21861	0.589738	1
cg20701461	0.00062038	0.24501	-4.08147	0.000282131	0.204973	-4.87868	0.0599215	1.76266	1.76266	0.00355291	0.348186	-2.87202	15.5556	17.5685	1.00391	1
cg19235065	0.182184	0.765423	-1.30647	0.0658728	0.677307	-1.47643	0.0730861	1.45849	1.45849	0.937398	0.985279	-1.01494	7.34799	4.14827	0.501817	1
cg04597831	0.640819	0.953116	-1.04919	0.00632756	0.695364	-1.43809	0.0324368	1.29163	1.29163	0.0150398	1.35718	1.35718	4.8709	0.805671	0.147027	1
cg15457731	0.505928	1.07746	1.07746	0.00749991	0.683568	-1.46291	0.167773	1.17646	1.17646	0.229064	1.14972	1.14972	3.98006	0.770194	0.172012	1
cg21853989	0.00113865	0.391375	-2.55509	0.104352	0.706081	-1.41627	0.145201	0.735915	-1.35885	1.49E-05	0.171885	-5.81783	21.1191	12.8524	0.54095	1
cg09360654	0.0321854	0.466727	-2.14258	7.36E-05	0.112009	-8.92782	0.0627834	0.529474	-1.88867	0.00356295	0.301396	-3.3179	14.674	21.4383	1.29864	1
cg17412005	0.208347	0.346756	-2.88387	0.0200651	0.106456	-9.39355	0.052305	0.171642	-5.82609	0.0233505	0.114897	-8.70344	3.52217	35.5672	8.9761	1
cg01924755	0.325245	1.66434	1.66434	0.234404	1.86844	1.86844	0.0118764	0.207025	-4.83032	0.785172	1.14686	1.14686	3.4524	12.2239	3.54068	1
cg06788803	0.266419	1.22224	1.22224	0.43688	0.871569	-1.14736	0.23507	0.805982	-1.24072	0.6278	0.918811	-1.08836	3.99181	1.89904	0.422874	1
cg22675825	0.664198	0.956459	-1.04552	4.22E-05	0.451968	-2.21255	0.292899	1.11762	1.11762	0.0584438	0.804195	-1.24348	10.2641	1.68854	0.14623	1
cg07444898	0.0425192	0.688044	-1.4534	0.000374476	0.402253	-2.486	0.290573	0.838971	-1.19194	0.141068	0.776155	-1.2884	27.0013	10.9588	0.360765	1
cg10280048	0.000258397	0.267889	-3.73289	0.000552707	0.308969	-3.23658	0.104118	0.677571	-1.47586	0.0330654	0.579304	-1.72621	19.4985	14.8194	0.675582	1
cg00612508	0.076489	0.676857	-1.47742	0.091992	1.44396	1.44396	0.240597	1.2755	1.2755	0.422102	1.17635	1.17635	10.6064	6.5898	0.552271	1
cg03125909	0.00388266	0.60072	-1.66467	0.0488233	1.34291	1.34291	0.0709017	1.3027	1.3027	0.384922	0.889817	-1.12383	6.31575	1.71783	0.24177	1
cg00827853	0.296706	0.71417	-1.40023	0.000291863	0.159244	-6.27966	0.241711	0.682991	-1.46415	0.0147879	0.393289	-2.54266	6.30645	9.6692	1.36287	1
cg00331852	0.0351016	0.55532	-1.80076	0.377941	0.805122	-1.24205	0.73277	1.08559	1.08559	0.16469	0.701044	-1.42644	3.96359	3.60399	0.808243	1
cg05355684	0.376307	1.26122	1.26122	0.626374	1.13361	1.13361	0.405703	1.2429	1.2429	0.260217	1.35012	1.35012	3.91573	4.05216	0.919858	1
cg08884029	0.188412	0.538139	-1.85826	0.000496037	0.088591	-11.2878	0.835366	1.09694	1.09694	0.00911931	0.229279	-4.3615	6.76535	21.1817	2.78304	1
cg11967675	0.535349	1.36954	1.36954	0.198102	1.98566	1.98566	0.0333494	0.279568	-3.57695	0.357008	1.60915	1.60915	3.6812	14.2694	3.01489	1
cg23364246	0.581862	1.09923	1.09923	0.00016802	2.97283	2.97283	0.61622	1.08977	1.08977	0.55894	1.10577	1.10577	7.13163	3.26872	0.407414	1
cg12495807	0.65741	0.955103	-1.04701	0.0871905	1.21454	1.21454	0.122531	0.841795	-1.18794	0.0135979	0.730362	-1.36918	4.8874	0.819854	0.14911	1
cg27604975	0.365262	1.39229	1.39229	0.0173504	0.35673	-2.80324	0.369642	0.720524	-1.38788	0.0726833	0.49048	-2.03882	4.58279	9.18609	1.78176	1
cg27263151	0.15924	0.569445	-1.75609	0.00283333	0.214674	-4.65823	0.486174	0.76731	-1.30325	0.417083	0.733137	-1.364	4.58141	10.1661	1.97243	1
cg20424400	0.0172694	0.581358	-1.72011	0.0334899	1.5913	1.5913	0.558044	0.895138	-1.11715	0.161687	0.756192	-1.32242	3.74798	2.07587	0.492323	1
cg00367863	0.000478496	0.393671	-2.54019	1.68E-06	0.129707	-7.70966	0.215094	0.800966	-1.24849	0.0121952	0.587902	-1.70097	35.2794	16.1624	0.407223	1
cg03856401	0.0333614	0.440239	-2.27149	0.000179585	0.123342	-8.10753	0.295182	0.698935	-1.43075	0.341957	0.723921	-1.38137	27.2997	47.0703	1.53263	1
cg00253339	0.00106352	0.363538	-2.75074	0.823147	0.954264	-1.04793	0.572686	0.887622	-1.12661	0.0579194	0.638691	-1.5657	24.9094	17.255	0.615742	1
cg16583863	0.893745	1.02571	1.02571	3.33E-06	0.124298	-8.04516	0.734751	1.06672	1.06672	0.376498	0.841662	-1.18813	15.7845	9.01894	0.507893	1
cg27575052	0.115844	0.683555	-1.46294	0.20521	0.742657	-1.34652	0.0709453	0.638212	-1.56688	0.121688	0.688343	-1.45276	11.594	9.09822	0.697541	1
cg07335435	0.688429	0.855224	-1.16928	0.00397639	0.222599	-4.49238	0.187453	0.58157	-1.71948	0.157764	0.556538	-1.79682	6.42208	15.3107	2.11918	1
cg05109729	0.584788	1.15764	1.15764	0.0165417	2.17435	2.17435	0.717996	1.10099	1.10099	0.905952	1.03185	1.03185	4.29088	4.78301	0.990839	1
cg04891924	0.260267	0.849871	-1.17665	0.0589714	1.3437	1.3437	0.834937	1.02933	1.02933	0.626734	0.934359	-1.07025	4.15663	1.26339	0.270174	1
cg03215005	0.0335339	0.316912	-3.15545	0.0859722	2.38712	2.38712	0.693343	1.1961	1.1961	0.0245084	0.288277	-3.46889	13.6656	38.3879	2.45795	1
cg12605796	0.019999	0.732909	-1.36443	0.324542	0.893501	-1.11919	0.00337109	1.55483	1.55483	0.000895745	1.73391	1.73391	6.71812	1.30351	0.17247	1
cg10833439	0.0210098	0.234655	-4.26158	0.0107529	0.187602	-5.33045	0.0549441	0.320948	-3.11577	0.0949556	0.383606	-2.60684	5.12953	22.1499	3.83833	1
cg02017634	0.531977	0.904955	-1.10503	0.00167708	2.03138	2.03138	0.66144	0.932842	-1.07199	0.398495	1.14611	1.14611	4.07508	1.60625	0.350368	1
cg14746283	0.0626915	0.801719	-1.24732	0.0029426	1.53861	1.53861	0.00556277	1.46856	1.46856	0.0106338	0.712543	-1.40342	14.3544	2.53095	0.156728	1
cg21135483	0.000644959	0.369809	-2.7041	0.381796	1.18583	1.18583	0.753115	1.06179	1.06179	0.863017	1.03336	1.03336	10.0189	5.72916	0.508298	1
cg16733866	0.000708741	0.453424	-2.20544	0.00160575	0.499719	-2.00113	0.357573	0.864976	-1.1561	0.0464463	0.704914	-1.41861	8.0409	2.9933	0.330897	1
cg13507964	0.220155	0.824893	-1.21228	0.783159	0.959644	-1.04205	0.850897	1.0285	1.0285	0.444995	1.12329	1.12329	4.4423	1.56872	0.313895	1
cg21549285	0.0310279	0.436538	-2.29075	0.00581265	3.26303	3.26303	0.31796	1.40207	1.40207	0.658977	0.864671	-1.15651	3.52357	5.98154	1.50896	1
cg26312951	0.00418019	0.25006	-3.99904	0.360642	1.40413	1.40413	0.486698	0.774721	-1.29079	0.292097	0.673819	-1.48408	3.4733	7.17571	1.83641	1
cg00764652	0.000202331	1.75932	1.75932	3.41E-06	2.69599	2.69599	0.567126	1.05383	1.05383	0.981074	1.00215	1.00215	23.2483	3.02441	0.115637	1
cg05656374	0.0908458	0.613954	-1.62879	0.000594671	0.249487	-4.00823	0.792862	1.07135	1.07135	0.00211862	0.322587	-3.09994	11.4874	12.4775	0.965506	1
cg15281283	0.116799	0.69165	-1.44582	0.00341979	0.422903	-2.36461	0.070292	1.54925	1.54925	0.00876329	0.485592	-2.05934	10.7369	7.96078	0.659061	1
cg02949186	0.64936	1.10692	1.10692	0.0104347	0.488918	-2.04533	0.630439	1.11358	1.11358	0.00787881	0.469301	-2.13083	6.32563	4.9339	0.69332	1
cg06752054	0.581086	0.857012	-1.16684	0.0136429	0.429682	-2.3273	0.625622	1.14584	1.14584	0.021428	0.465241	-2.14942	4.60285	5.58792	1.07912	1
cg21390801	0.525382	1.15577	1.15577	0.520357	1.15787	1.15787	0.426153	1.20057	1.20057	0.138257	0.69836	-1.43193	4.6008	3.68749	0.712434	1
cg02381521	0.947157	0.98758	-1.01258	0.470936	1.1483	1.1483	0.687944	0.926697	-1.0791	0.866734	0.968829	-1.03217	4.11563	2.31731	0.50049	1
cg21130374	0.0458028	0.519972	-1.92318	0.16612	0.659059	-1.51731	0.823053	1.06463	1.06463	0.0327938	0.488848	-2.04563	3.72532	4.51401	0.942441	1
cg18529569	0.000299963	0.264023	-3.78756	0.0058065	0.441248	-2.2663	0.679322	0.910165	-1.0987	0.00145233	0.352864	-2.83396	10.5894	8.59961	0.72186	1
cg04873188	0.132751	0.600224	-1.66604	0.000585026	0.187775	-5.32553	0.00331629	0.284084	-3.52009	0.248779	0.684291	-1.46137	6.68027	10.4773	1.39413	1
cg19463706	0.00522421	0.217397	-4.59987	0.449435	1.37604	1.37604	0.590667	1.25217	1.25217	0.633591	1.22004	1.22004	6.25072	16.9801	2.41467	1
cg24621801	0.640312	0.957336	-1.04456	0.00037031	0.589815	-1.69545	0.420636	0.926607	-1.07921	0.668421	1.04073	1.04073	5.89989	0.802068	0.120841	1
cg20004134	0.295319	1.21371	1.21371	0.0259462	0.623889	-1.60285	0.0248073	0.620763	-1.61092	0.0637561	0.689406	-1.45052	5.20969	2.62786	0.448371	1
cg13915702	0.385322	1.13257	1.13257	0.0892809	0.769454	-1.29962	0.0286827	1.43473	1.43473	0.5796	1.08141	1.08141	4.3189	1.33817	0.275414	1
cg23560113	0.0594333	1.48455	1.48455	0.12256	0.732921	-1.3644	0.741229	0.940317	-1.06347	0.683989	0.926824	-1.07895	4.09534	2.23665	0.485463	1
cg21482635	0.878414	1.02129	1.02129	0.242652	0.845109	-1.18328	0.650996	0.939245	-1.06469	0.0202228	0.680163	-1.47024	3.80187	1.14062	0.26668	1
cg18465082	0.00662078	0.554047	-1.8049	2.09E-06	0.141558	-7.06424	0.770127	0.952098	-1.05031	0.000253983	0.364258	-2.74531	40.9462	18.2007	0.395114	1
cg25101061	0.00145028	1.36035	1.36035	0.0327431	0.846125	-1.18186	0.0369328	1.17595	1.17595	0.0549659	1.15668	1.15668	7.69667	0.545289	0.0629755	1
cg25213720	0.792582	0.953341	-1.04894	0.0535406	1.48816	1.48816	0.000818992	2.49531	2.49531	0.37342	1.18018	1.18018	6.39974	3.33202	0.462799	1
cg09044296	0.157129	1.41204	1.41204	0.00625306	2.25361	2.25361	0.00056714	3.37974	3.37974	0.0139402	1.99888	1.99888	5.76859	4.75095	0.732079	1
cg07671752	0.183526	0.750117	-1.33312	0.204659	0.761305	-1.31353	0.759452	0.939337	-1.06458	0.153019	0.732113	-1.36591	4.91045	3.22904	0.58452	1
cg10533277	0.883142	0.952796	-1.04954	0.000529004	0.169555	-5.89777	0.843319	0.937013	-1.06722	0.532191	0.812196	-1.23123	4.1721	7.1418	1.5216	1
cg26087598	0.218636	0.839458	-1.19124	0.0136768	0.662034	-1.5105	0.655776	0.941124	-1.06256	0.018761	1.46987	1.46987	3.69555	1.07068	0.257531	1
cg27070244	0.0016851	0.445532	-2.24451	0.282451	1.22282	1.22282	0.964658	0.992051	-1.00801	0.582256	1.10524	1.10524	8.55347	4.39449	0.456681	1
cg27577070	0.954034	1.00913	1.00913	0.00112235	0.469227	-2.13116	0.264762	1.20124	1.20124	0.556195	1.09844	1.09844	5.23141	2.06175	0.35032	1
cg22194305	0.238648	0.821198	-1.21773	0.00169045	0.48865	-2.04645	0.242381	0.822597	-1.21566	0.697892	0.939638	-1.06424	4.93401	1.99083	0.35866	1
cg09920549	0.074513	0.403755	-2.47675	0.0739487	2.48212	2.48212	0.0900323	2.3464	2.3464	0.414298	1.46364	1.46364	3.89669	11.4301	2.9333	1
cg00919715	0.195397	1.17019	1.17019	0.0539498	0.777948	-1.28543	0.754113	1.03672	1.03672	0.533368	0.930157	-1.07509	3.46223	0.722257	0.185431	1
cg13017345	0.723967	0.932681	-1.07218	0.910503	0.978142	-1.02235	0.00274589	2.25311	2.25311	0.89131	1.02724	1.02724	5.43609	3.32585	0.54383	1
cg05140650	0.590467	0.878908	-1.13778	0.231683	0.742276	-1.34721	0.00979342	2.17254	2.17254	0.399808	0.814831	-1.22725	4.22593	3.77785	0.794639	1
cg19584136	0.289183	1.20202	1.20202	0.00346008	1.94228	1.94228	0.0350926	1.50772	1.50772	0.149917	0.772469	-1.29455	34.6598	15.3546	0.393786	1
cg17026854	0.0040944	0.695823	-1.43715	0.00177938	0.657826	-1.52016	0.174125	0.872739	-1.14582	0.0001893	0.552893	-1.80867	17.8732	2.50912	0.124786	1
cg13708908	0.00613773	1.71981	1.71981	0.0152258	1.57143	1.57143	0.0465214	1.413	1.413	0.294084	1.17942	1.17942	5.67805	2.06787	0.323722	1
cg13637321	0.707308	1.12409	1.12409	3.76E-06	0.0350832	-28.5036	0.0565432	0.511986	-1.95318	0.114385	0.587107	-1.70327	17.9434	27.3316	1.35397	1
cg17719202	0.00106139	0.482944	-2.07063	0.00691322	0.591122	-1.6917	0.326064	0.858569	-1.16473	0.498856	0.901905	-1.10876	8.05975	2.88689	0.318388	1
cg23222201	0.0106588	0.324071	-3.08574	0.00883028	0.310367	-3.222	0.492983	1.2768	1.2768	0.144741	1.73279	1.73279	7.98975	15.5865	1.73406	1
cg14609104	0.00233082	0.250874	-3.98606	0.0396038	0.461088	-2.16879	0.00227916	4.00717	4.00717	0.0649059	0.509498	-1.96272	6.46863	10.8413	1.48977	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21403602	MXI1;MXI1;MXI1	0.0264506	0.663264	1.17615	1.17615	0.00306201	4.48999	4.48999	0.00204842	4.99782	4.99782	0.456575	1.32417	1.32417	0.17082	1.71615	1.71615
cg00881487	MXRA5	3.76E-06	0.000353028	0.250688	-3.98902	2.07E-05	0.126034	-7.93436	0.00873735	0.44696	-2.23734	0.000363127	0.25216	-3.96574	7.22E-06	0.0918611	-10.886
cg17410803	MXRA5	7.85E-06	0.00106326	0.482387	-2.07303	2.44E-06	0.178602	-5.59905	1.55E-05	0.260041	-3.84555	5.56E-05	0.323213	-3.09394	5.59E-06	0.213522	-4.68335
cg16141678	MXRA5	5.65E-05	0.264612	0.702713	-1.42306	0.244467	1.44696	1.44696	0.945239	0.979372	-1.02106	0.0304759	2.16329	2.16329	0.0309577	0.463634	-2.15687
cg04389917	MXRA5	0.000153351	0.000702964	0.151857	-6.58515	5.57E-05	0.0649102	-15.4059	0.000933057	0.164858	-6.06583	0.00148	0.187618	-5.32998	0.000102382	0.0813	-12.3001
cg24156054	MXRA5	0.000154712	0.0278413	0.444691	-2.24875	0.0586142	0.51376	-1.94643	0.00041459	0.174396	-5.73408	0.00252383	0.270553	-3.69614	0.000805987	0.206756	-4.83662
cg07276379	MXRA5	0.000410517	0.900504	1.04087	1.04087	0.0150802	0.384229	-2.60262	0.000569228	5.52485	5.52485	0.0447132	2.09174	2.09174	0.0627878	0.511473	-1.95514
cg06165699	MXRA5	0.000557033	0.0895514	1.42032	1.42032	0.191886	1.29559	1.29559	0.354772	0.836564	-1.19537	0.000681182	2.64603	2.64603	0.285064	1.23139	1.23139
cg11009400	MXRA5	0.00101367	0.00228227	0.130666	-7.65311	0.0632245	0.369106	-2.70925	0.573044	0.762111	-1.31215	0.449915	1.4438	1.4438	0.00040281	0.0682816	-14.6452
cg14968719	MXRA5	0.00123657	0.798944	1.09231	1.09231	0.000311895	7.55761	7.55761	0.618035	0.840387	-1.18993	0.112334	1.81846	1.81846	0.704004	1.14115	1.14115
cg13581022	MXRA5	0.00186367	0.486402	0.76729	-1.30329	0.0618512	2.19821	2.19821	0.0517567	0.436438	-2.29128	0.00246701	0.20664	-4.83932	0.000740538	0.146744	-6.8146
cg08414231	MXRA5	0.00186864	0.606931	1.24855	1.24855	0.0245822	3.14351	3.14351	0.216878	1.74337	1.74337	0.400546	0.692049	-1.44498	0.696719	0.845735	-1.1824
cg26481961	MXRA5	0.00188076	0.122861	1.6657	1.6657	0.0241093	2.2727	2.2727	0.850636	0.944084	-1.05923	6.16E-05	9.54234	9.54234	0.130668	0.607616	-1.64578
cg02495306	MXRA5	0.0022013	0.0130044	0.140461	-7.11943	0.0994193	0.316555	-3.15901	0.0500036	0.240871	-4.15159	0.0270339	0.18875	-5.29801	0.00434103	0.0882474	-11.3318
cg01375994	MXRA5	0.0032601	0.00311106	2.69637	2.69637	0.959707	1.01247	1.01247	0.99609	1.0012	1.0012	0.0193574	0.499768	-2.00093	0.00118028	0.31131	-3.21223
cg22698358	MXRA5	0.0064335	0.269539	0.753145	-1.32777	0.199241	0.715743	-1.39715	0.32111	0.776662	-1.28756	0.498889	0.844288	-1.18443	0.0223075	0.509051	-1.96444
cg07842130	MXRA5	0.00747858	0.00708183	0.167622	-5.96581	0.0452643	0.307624	-3.25072	0.0201173	0.237163	-4.2165	0.718347	0.830359	-1.2043	0.00170064	0.100214	-9.97868
cg12094412	MXRA5	0.0100118	0.363247	0.805213	-1.24191	0.00962922	2.13777	2.13777	0.351792	1.24879	1.24879	0.260031	1.31312	1.31312	0.686927	1.09849	1.09849
cg05987154	MXRA5	0.0102882	0.588697	0.851563	-1.17431	0.0551119	1.89658	1.89658	0.731974	1.10649	1.10649	0.322208	1.35119	1.35119	0.12476	0.613155	-1.63091
cg15215369	MXRA5	0.0204186	0.0184762	0.581807	-1.71878	0.334295	1.20773	1.20773	0.483273	0.873677	-1.14459	0.0254839	0.60459	-1.65401	0.729117	0.936231	-1.06811
cg08871573	MXRA5	0.0334988	0.363468	0.52573	-1.90212	0.136653	0.331582	-3.01584	0.0973604	0.285814	-3.49878	0.0836186	0.26761	-3.73677	0.0380774	0.191057	-5.23405
cg04608811	MXRA7	0.0186274	0.0289993	0.451155	-2.21653	0.651644	0.868889	-1.15089	0.668071	0.875123	-1.1427	0.474697	1.25208	1.25208	0.018381	0.412866	-2.42209
cg18755226	MXRA7;MXRA7;MXRA7	0.000757609	0.0268766	0.688065	-1.45335	0.893119	1.01936	1.01936	0.0131976	1.54986	1.54986	0.0477519	1.38103	1.38103	0.000372782	0.444027	-2.25212
cg13387113	MXRA7;MXRA7;MXRA7	0.0173899	0.0186396	0.12343	-8.10177	0.562123	0.65054	-1.53718	0.945532	0.951115	-1.0514	0.0695957	0.225653	-4.43158	0.824371	0.849549	-1.17709
cg01990328	MXRA7;MXRA7;MXRA7	0.0267592	0.530174	0.840069	-1.19038	0.00544816	0.367154	-2.72365	0.00406236	0.347453	-2.87809	0.778274	1.08043	1.08043	0.42854	0.80132	-1.24794
cg07484485	MXRA7;MXRA7;MXRA7	0.0497434	0.215541	1.20597	1.20597	0.0247499	1.46826	1.46826	0.0140614	1.54585	1.54585	0.0126211	1.56136	1.56136	0.895667	0.981326	-1.01903
cg25063151	MXRA8	0.000104606	0.000124977	0.0502647	-19.8947	0.0278124	0.312469	-3.20031	0.00845125	0.222157	-4.50133	0.00230706	0.148812	-6.7199	1.98E-05	0.0209308	-47.7766
cg14270725	MXRA8	0.00135067	0.00287552	0.306901	-3.25838	0.653055	0.877777	-1.13924	0.518686	1.20743	1.20743	0.108114	0.603482	-1.65705	0.00612134	0.356771	-2.80292
cg07284273	MXRA8	0.00150495	0.000456795	0.228094	-4.38416	0.016132	0.454674	-2.19938	0.0346595	0.517164	-1.93362	0.45223	1.22758	1.22758	0.000236874	0.195791	-5.10749
cg15386434	MXRA8	0.00151928	0.00612975	0.299514	-3.33874	0.635785	1.17447	1.17447	0.250271	1.49927	1.49927	0.116558	0.56281	-1.7768	0.0101963	0.335552	-2.98016
cg14793596	MXRA8	0.00280199	0.00528282	0.283399	-3.52859	0.0311075	0.419958	-2.38119	0.00644639	0.29677	-3.36961	0.957358	0.981832	-1.0185	0.000811915	0.176977	-5.65046
cg27399052	MXRA8	0.0113454	0.312716	1.34904	1.34904	0.0123956	2.44108	2.44108	0.0288582	2.09352	2.09352	0.0455031	1.93012	1.93012	0.430177	0.793843	-1.2597
cg11414742	MXRA8	0.0183164	0.575149	0.848682	-1.1783	0.00826964	2.66022	2.66022	0.00781543	2.68917	2.68917	0.0876414	1.72676	1.72676	0.0815243	0.571561	-1.7496
cg12478066	MXRA8	0.0187073	0.476134	1.18481	1.18481	0.0246086	1.87109	1.87109	0.028825	1.82822	1.82822	0.062349	1.63401	1.63401	0.353394	0.79972	-1.25044
cg23036947	MXRA8	0.0222177	0.300942	1.91318	1.91318	0.0270256	4.87789	4.87789	0.340704	1.8118	1.8118	0.0736584	3.34353	3.34353	0.580926	0.713554	-1.40144
cg22691336	MXRA8	0.036107	0.353279	1.21097	1.21097	0.465445	0.861677	-1.16053	0.156882	0.738271	-1.35452	0.96808	0.992012	-1.00805	0.0180747	0.562433	-1.77799
cg26108719	MXRA8	0.0380938	0.934207	1.02588	1.02588	0.00381117	3.34519	3.34519	0.0529013	1.97559	1.97559	0.661342	1.14616	1.14616	0.0951954	1.76367	1.76367
cg10021364	MYADM	0.00269129	0.18997	0.803425	-1.24467	0.00225549	1.96203	1.96203	0.252554	1.20736	1.20736	0.0305517	1.49288	1.49288	0.140383	0.778738	-1.28413
cg06472476	MYADM	0.00633624	0.550282	0.910709	-1.09805	0.654848	0.932734	-1.07212	0.997282	1.00053	1.00053	0.98513	1.00289	1.00289	0.00029071	0.400753	-2.4953
cg13499300	MYADM	0.0290298	0.951041	1.01248	1.01248	0.0929986	0.68843	-1.45258	0.385941	0.835642	-1.19668	0.138226	1.38049	1.38049	0.115543	1.41286	1.41286
cg18765801	MYADM;MYADM;MYADM;MYADM;MYADM	1.10E-05	0.0194237	1.29705	1.29705	1.02E-06	0.307589	-3.25109	0.0143292	0.757359	-1.32038	0.298923	1.10417	1.10417	5.60E-05	0.501903	-1.99242
cg02201774	MYADM;MYADM;MYADM;MYADM;MYADM	0.000861681	0.000563335	0.51271	-1.95042	0.222344	1.17382	1.17382	0.0706546	1.28716	1.28716	0.24076	0.857725	-1.16587	0.00211533	1.71603	1.71603
cg07454803	MYADM;MYADM;MYADM;MYADM;MYADM	0.00997411	0.000332078	0.072892	-13.7189	0.864292	0.925576	-1.08041	0.139356	2.05285	2.05285	0.348083	1.54769	1.54769	0.21146	0.551474	-1.81332
cg12970155	MYADM;MYADM;MYADM;MYADM;MYADM	0.0153106	0.235234	1.33454	1.33454	0.124218	0.679666	-1.47131	0.0309161	0.555536	-1.80006	0.469176	0.842966	-1.18629	0.526408	1.16056	1.16056
cg11942450	MYADML	9.47E-07	7.67E-08	0.0596348	-16.7687	0.00417422	0.545982	-1.83156	1.65E-06	0.149963	-6.66829	0.0813887	0.737462	-1.356	0.644992	0.929471	-1.07588
cg05471484	MYADML	2.39E-06	1.46E-07	0.112956	-8.85303	0.104714	0.790659	-1.26477	9.59E-05	0.398661	-2.5084	1.01E-05	0.285361	-3.50434	3.34E-05	0.344462	-2.90308
cg27318810	MYADML	3.71E-06	1.24E-07	0.0647905	-15.4344	0.190713	1.25275	1.25275	0.00398418	0.532832	-1.87676	0.233387	0.816113	-1.22532	0.000124291	0.336903	-2.96821
cg04744735	MYADML	8.88E-06	1.14E-06	0.11502	-8.69411	0.0485557	0.680062	-1.47045	1.35E-05	0.210516	-4.75024	0.0312974	0.649012	-1.5408	6.08E-05	0.281681	-3.55012
cg02423610	MYADML	1.24E-05	1.53E-07	0.0707597	-14.1323	0.0227739	0.64355	-1.55388	0.01995	0.634921	-1.575	0.501309	0.8955	-1.11669	0.190941	1.251	1.251
cg08557180	MYADML	0.000129576	5.74E-06	0.129775	-7.70562	0.0257178	0.588745	-1.69853	0.00427909	0.465703	-2.14729	0.00211573	0.421417	-2.37295	0.751992	1.06545	1.06545
cg27495054	MYADML	0.000545838	0.000231635	0.306154	-3.26633	0.0980609	0.703621	-1.42122	0.02993	0.60971	-1.64012	0.789596	0.949514	-1.05317	4.95E-05	0.228543	-4.37554
cg17281638	MYADML	0.000708031	0.940668	0.991232	-1.00885	0.0309606	1.34942	1.34942	0.00414263	0.634608	-1.57578	0.0402664	1.32356	1.32356	0.000318413	1.99289	1.99289
cg27256565	MYADML	0.000835115	0.00014597	0.110209	-9.07364	0.0239994	0.403148	-2.48048	0.00154641	0.215202	-4.64681	0.142264	0.587281	-1.70276	0.00722722	0.310518	-3.22043
cg19183358	MYADML	0.0051698	0.000410518	0.383643	-2.60659	0.50307	1.12305	1.12305	0.214262	0.799893	-1.25017	0.199109	1.26073	1.26073	0.23252	0.807518	-1.23836
cg27659505	MYADML2	0.000335452	0.644159	1.12212	1.12212	0.954032	0.985821	-1.01438	0.773799	1.074	1.074	0.47302	0.834602	-1.19818	1.70E-05	0.112229	-8.91035
cg01386831	MYADML2	0.00146428	0.0139677	0.649362	-1.53997	0.291242	1.16854	1.16854	0.00405554	0.577658	-1.73113	0.0016729	0.527727	-1.89492	0.000678054	0.477694	-2.09339
cg11188549	MYADML2	0.00251282	0.644652	0.938539	-1.06549	0.00474284	0.599125	-1.6691	0.538032	0.918365	-1.08889	0.0235459	0.691157	-1.44685	0.000373691	0.459674	-2.17546
cg02943074	MYADML2	0.0068079	0.0166094	0.388341	-2.57506	0.675026	1.14608	1.14608	0.0774813	0.530156	-1.88624	0.0555932	0.495878	-2.01663	0.0004916	0.171169	-5.84219
cg05453314	MYADML2	0.00688712	0.000815435	0.247824	-4.03512	0.272314	0.729173	-1.37142	0.144788	0.648615	-1.54175	0.102862	1.63768	1.63768	0.129202	0.635601	-1.57331
cg26377339	MYADML2	0.0106432	0.0256219	0.631442	-1.58368	0.0314886	1.54867	1.54867	0.0511905	0.680442	-1.46963	0.457805	0.877131	-1.14008	0.00338123	0.501043	-1.99584
cg13311142	MYADML2	0.0305294	0.319708	0.554688	-1.80282	0.503785	1.47528	1.47528	0.68528	1.26304	1.26304	0.628838	1.32202	1.32202	0.00177465	0.0780232	-12.8167
cg05454957	MYADML2	0.0452725	0.0754809	0.320459	-3.12052	0.255737	0.505448	-1.97844	0.0242776	0.213469	-4.68453	0.675933	0.785239	-1.2735	0.0198884	0.198592	-5.03546
cg02518394	MYADML2	0.0467023	0.0346433	0.343062	-2.91493	0.220505	0.571499	-1.74978	0.0168628	0.281851	-3.54797	0.431685	0.705694	-1.41705	0.0217384	0.302238	-3.30865
cg13400176	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	1.76E-05	0.0349268	0.513262	-1.94832	0.0379529	0.520512	-1.92118	0.0019734	3.27517	3.27517	?	?	?	3.70E-07	0.0189558	-52.7543
cg27434890	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.00150487	0.650401	1.08815	1.08815	0.00113065	0.411827	-2.4282	0.0269223	0.615557	-1.62455	0.00349993	0.48022	-2.08238	0.219682	1.26996	1.26996
cg07363239	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.00161169	0.385587	1.20152	1.20152	0.019176	0.557151	-1.79484	0.972158	0.992823	-1.00723	0.244713	1.28552	1.28552	0.0956574	1.45903	1.45903
cg13220457	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.00198626	0.426947	0.914254	-1.09379	0.000548307	0.552512	-1.80992	0.144845	1.18894	1.18894	0.582483	1.06329	1.06329	0.0457292	0.776357	-1.28807
cg01369646	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.00320053	0.012758	0.287902	-3.4734	0.893376	0.947465	-1.05545	0.267103	1.59242	1.59242	0.952704	1.02416	1.02416	?	?	?
cg19623877	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.003622	0.291984	0.794061	-1.25935	0.226575	1.30705	1.30705	0.104862	1.45324	1.45324	0.436939	0.845987	-1.18205	0.140971	0.716092	-1.39647
cg26288715	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.022936	0.0393774	0.50823	-1.96761	0.597148	0.859453	-1.16353	0.0598748	0.547219	-1.82742	0.40457	0.784914	-1.27402	0.0022774	0.297635	-3.35982
cg04739200	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.0236933	0.295241	1.19787	1.19787	0.911974	0.981775	-1.01856	0.0178562	1.61428	1.61428	0.0277623	0.64878	-1.54136	0.899008	0.979102	-1.02134
cg04531756	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.0271962	0.0214528	0.122328	-8.17477	0.0692445	0.213182	-4.69082	0.731775	0.769797	-1.29904	0.672619	0.723842	-1.38152	0.00646349	0.0677114	-14.7686
cg11579069	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.0389367	0.664035	0.955358	-1.04673	0.01565	0.73371	-1.36294	0.557273	0.939858	-1.06399	0.442241	0.921385	-1.08532	0.302739	1.11802	1.11802
cg12753606	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.0435064	0.191717	0.711274	-1.40593	0.22092	0.728173	-1.3733	0.0149696	0.478336	-2.09058	0.0260762	0.521575	-1.91727	0.224277	0.730013	-1.36984
cg00366934	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.0435358	0.573654	0.948525	-1.05427	0.0602401	1.21773	1.21773	0.0144746	0.755736	-1.32321	0.0216249	0.773861	-1.29222	0.101323	0.846405	-1.18147
cg13189020	MYBBP1A;MYBBP1A	0.00460284	0.0199665	2.47597	2.47597	0.439136	1.29012	1.29012	0.363448	1.35191	1.35191	0.013834	2.66996	2.66996	0.274068	1.444	1.444
cg22876918	MYBBP1A;MYBBP1A	0.00484193	0.181063	1.17992	1.17992	0.00397409	0.636864	-1.57019	0.13239	1.20827	1.20827	0.00923815	1.46954	1.46954	0.010899	1.45117	1.45117
cg18905962	MYBBP1A;MYBBP1A	0.02276	0.0543992	1.41529	1.41529	0.0589964	0.712261	-1.40398	0.0186002	0.635058	-1.57466	0.334277	1.17171	1.17171	0.0811318	1.36031	1.36031
cg09726279	MYBBP1A;MYBBP1A	0.0250976	0.00515904	0.237193	-4.21598	0.00711473	0.258072	-3.87489	0.153576	0.551409	-1.81354	0.122332	0.520821	-1.92005	0.0440376	0.405965	-2.46327
cg09795523	MYBBP1A;MYBBP1A	0.0273659	0.390149	0.74475	-1.34273	0.00255368	0.24645	-4.05762	0.893216	1.04597	1.04597	0.170352	0.61343	-1.63018	0.0060282	0.300972	-3.32257
cg22099404	MYBBP1A;MYBBP1A;MYBBP1A;MYBBP1A	0.0122129	0.888093	0.971569	-1.02926	0.122981	1.4082	1.4082	0.0938279	1.45853	1.45853	0.578193	1.12194	1.12194	0.109264	0.699263	-1.43008
cg17826393	MYBL1;MYBL1	0.00279419	0.94336	0.993033	-1.00702	0.00980721	0.725249	-1.37884	0.116932	1.18244	1.18244	0.668178	1.04334	1.04334	0.00136169	1.57999	1.57999
cg11785625	MYBL1;MYBL1	0.00408152	0.013989	0.437486	-2.28579	0.00169961	0.294926	-3.39068	0.000423314	0.218452	-4.57767	0.116952	0.628811	-1.5903	0.0015189	0.288255	-3.46915
cg24888944	MYBL1;MYBL1	0.00870133	0.87104	1.04002	1.04002	0.025502	1.89858	1.89858	0.802785	0.941351	-1.0623	0.310358	1.28857	1.28857	0.000497693	0.268224	-3.72823
cg14285013	MYBL1;MYBL1	0.037395	0.956104	0.983483	-1.01679	0.651626	0.871519	-1.14742	0.915288	0.96832	-1.03272	0.00081505	0.217171	-4.60467	0.607415	1.16975	1.16975
cg01086075	MYBL2	2.08E-05	0.0492928	1.38034	1.38034	0.00033784	0.436089	-2.29311	0.0022979	1.84428	1.84428	9.84E-06	3.91555	3.91555	0.0427612	0.715334	-1.39795
cg15099490	MYBL2	0.00196342	0.181889	0.871743	-1.14713	0.00106908	0.626074	-1.59726	0.0676101	0.820093	-1.21937	0.156348	1.15821	1.15821	0.218324	1.13363	1.13363
cg23843505	MYBL2	0.00548357	0.27811	0.785293	-1.27341	0.0025579	0.40795	-2.45128	0.500762	0.863762	-1.15773	0.180131	1.35669	1.35669	0.000576462	0.31931	-3.13176
cg16487280	MYBL2	0.00574634	0.890177	0.987842	-1.01231	0.00813479	0.740854	-1.34979	0.027432	0.79376	-1.25983	0.680155	1.03738	1.03738	0.147099	1.1477	1.1477
cg24924731	MYBL2	0.00750858	0.0118173	0.823685	-1.21406	0.0406212	0.864273	-1.15704	0.00228683	0.768639	-1.301	0.0900749	0.891127	-1.12217	0.000839787	0.73348	-1.36336
cg23840338	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.000608775	0.0233975	0.604725	-1.65364	0.0248672	0.609037	-1.64194	0.000313643	0.337931	-2.95918	0.167526	1.31417	1.31417	0.000145435	0.29686	-3.36859
cg23536555	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.00930059	0.325891	0.784982	-1.27391	0.521004	0.85619	-1.16796	0.0359909	0.558677	-1.78994	0.215572	1.3649	1.3649	0.000241471	0.234688	-4.26097
cg21726618	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.0184333	0.0570297	4.44113	4.44113	0.00259032	18.001	18.001	0.135587	3.0455	3.0455	0.631029	1.398	1.398	0.41117	0.558869	-1.78933
cg23067881	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.0334209	0.0553382	4.76124	4.76124	0.00962131	10.5342	10.5342	0.797171	0.831075	-1.20326	0.322531	0.479902	-2.08376	0.286464	0.451468	-2.215
cg26833652	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.0394714	0.0246781	10.3918	10.3918	0.00625753	22.5974	22.5974	0.446954	1.97064	1.97064	0.529472	1.74629	1.74629	0.981745	1.02023	1.02023
cg08359761	MYBPC2	2.65E-05	0.738136	1.08406	1.08406	0.234148	1.34991	1.34991	0.511671	0.852043	-1.17365	0.00261332	0.366863	-2.72581	8.76E-05	0.184207	-5.42868
cg09997788	MYBPC2	0.000323927	0.00050202	0.672197	-1.48766	0.0110752	0.792511	-1.26181	0.00069263	0.685265	-1.45929	0.00739466	0.777306	-1.28649	0.0157126	0.805641	-1.24125
cg22603562	MYBPC2	0.000553873	0.000170271	0.409706	-2.44078	0.00240928	0.554296	-1.80409	8.29E-05	0.371844	-2.6893	0.00258471	0.558225	-1.79139	0.0057447	0.603276	-1.65762
cg17071417	MYBPC2	0.00321013	0.0280913	0.600688	-1.66476	0.0807493	1.46308	1.46308	0.336881	1.21477	1.21477	0.0240748	1.69669	1.69669	0.474634	0.866867	-1.15358
cg11430371	MYBPC2	0.00840503	0.0458006	0.671968	-1.48817	0.312698	1.19881	1.19881	0.0315478	0.645452	-1.5493	0.72829	1.06243	1.06243	0.0143835	0.592222	-1.68856
cg10687087	MYBPC2	0.0146326	0.0421874	0.593881	-1.68384	0.00482428	2.29888	2.29888	0.218769	1.3337	1.3337	0.111459	1.47104	1.47104	0.201235	0.740458	-1.35052
cg15078122	MYBPC2	0.0228141	0.0102154	0.483537	-2.0681	0.746101	1.07562	1.07562	0.0042616	0.423952	-2.35876	0.623846	0.89502	-1.11729	0.0047259	0.430774	-2.3214
cg08633134	MYBPC2	0.0229065	0.108553	0.723846	-1.38151	0.029177	1.60724	1.60724	0.0130132	1.76633	1.76633	0.955726	0.989802	-1.0103	0.379242	0.846586	-1.18122
cg16255631	MYBPC2	0.0361866	0.0304736	0.0957196	-10.4472	0.103022	0.192897	-5.18411	0.0619393	0.143782	-6.95496	0.0752048	0.16075	-6.22082	0.0117221	0.0547311	-18.2711
cg17871610	MYBPC2	0.0375375	0.0195049	0.353458	-2.82919	0.0384395	0.413335	-2.41934	0.0814263	0.490913	-2.03702	0.0614194	0.460124	-2.17333	0.171659	0.585057	-1.70923
cg15560112	MYBPC2	0.045621	0.0436546	0.644224	-1.55225	0.557294	0.893576	-1.1191	0.474856	0.871296	-1.14772	0.135638	0.737197	-1.35649	0.313252	0.820584	-1.21864
cg06168166	MYBPC3	0.000385628	0.982929	0.997322	-1.00269	0.357862	0.888237	-1.12583	0.00355598	0.609493	-1.64071	0.287144	0.870634	-1.14859	6.72E-06	0.285532	-3.50224
cg03778108	MYBPC3	0.000401093	0.168143	0.799603	-1.25062	0.0306803	0.679385	-1.47192	0.00133121	0.491409	-2.03496	0.82598	0.967028	-1.0341	0.000185747	0.382495	-2.61441
cg19126426	MYBPC3	0.00365868	0.0464779	0.432928	-2.30985	0.840482	1.07679	1.07679	0.000500895	0.13557	-7.37626	0.735564	0.882987	-1.13252	0.000341792	0.120353	-8.30892
cg05649391	MYBPC3	0.00405671	0.0791245	0.624859	-1.60036	0.000920277	3.30137	3.30137	0.612487	1.13113	1.13113	0.00503405	0.408639	-2.44715	0.00307294	0.376194	-2.65821
cg26238414	MYBPC3	0.00582196	0.105431	0.652722	-1.53205	0.312928	0.777462	-1.28624	8.55E-05	0.182378	-5.48311	0.0971889	0.644681	-1.55116	0.0220292	0.515646	-1.93932
cg10354134	MYBPC3	0.0070253	0.560068	0.864018	-1.15738	0.382074	0.800632	-1.24901	0.298734	0.765551	-1.30625	0.699526	0.908285	-1.10098	0.000153876	0.200093	-4.99767
cg23614000	MYBPC3	0.0301314	0.0850641	0.379072	-2.63802	0.522506	1.39124	1.39124	0.0551355	0.33031	-3.02746	0.932096	1.04437	1.04437	0.0775281	0.368025	-2.71721
cg09140593	MYBPC3	0.0333963	0.136244	0.779756	-1.28245	0.0228286	1.52518	1.52518	0.00679707	1.722	1.722	0.740784	1.05279	1.05279	0.351847	0.862025	-1.16006
cg16711986	MYBPC3	0.0447847	0.421342	0.740866	-1.34977	0.0552677	0.452309	-2.21088	0.0227806	0.369688	-2.70498	0.759295	0.893849	-1.11876	0.00330141	0.231914	-4.31195
cg06533679	MYBPC3;MYBPC3	0.000804573	0.200814	0.724806	-1.37968	0.00280264	0.374922	-2.66722	0.00949411	0.457131	-2.18756	0.548043	0.865199	-1.1558	0.136834	0.682661	-1.46486
cg21370143	MYBPC3;MYBPC3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12080492	MYBPH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03448202	MYBPH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04012600	MYBPH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27045396	MYC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11688275	MYC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00163372	MYC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08526705	MYC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03394237	MYC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21403602	0.314881	1.46943	1.46943	0.760902	0.893128	-1.11966	0.0620723	2.17699	2.17699	0.567306	1.23877	1.23877	4.27233	9.27962	1.93069	1
cg00881487	0.00754973	0.436674	-2.29004	3.58E-07	0.0290751	-34.3937	2.24E-06	0.0615288	-16.2526	2.41E-05	0.131504	-7.60431	52.2244	48.0624	0.818049	1
cg17410803	0.00337582	0.548452	-1.82331	0.294067	1.17818	1.17818	3.07E-05	0.293262	-3.40992	3.62E-05	0.301451	-3.31729	43.2006	15.5318	0.31958	1
cg16141678	0.270338	0.705913	-1.41661	0.113943	0.593442	-1.68508	1.39E-05	15.6824	15.6824	4.82E-06	23.8368	23.8368	25.7718	37.5817	1.29622	1
cg04389917	0.0384709	0.416885	-2.39874	0.000243323	0.109312	-9.14816	0.000152821	0.0935505	-10.6894	0.00141928	0.185468	-5.39175	19.739	41.6223	1.87434	1
cg24156054	0.684238	1.13595	1.13595	1.21E-05	0.055996	-17.8584	0.303754	0.717444	-1.39384	7.31E-05	0.105517	-9.47713	19.692	30.3105	1.3682	1
cg07276379	0.0133522	0.374745	-2.66848	0.0217178	0.41379	-2.41668	7.72E-05	9.90042	9.90042	0.37032	1.34262	1.34262	15.0918	24.5135	1.44382	1
cg06165699	0.710608	1.07236	1.07236	0.615026	0.909323	-1.09972	1.50E-05	5.37987	5.37987	0.00366611	2.08857	2.08857	13.868	7.71786	0.494687	1
cg11009400	0.956799	0.974489	-1.02618	9.73E-05	0.0367029	-27.2458	0.0126457	0.227917	-4.38757	0.00703674	0.189747	-5.27018	11.7213	42.2466	3.20378	1
cg14968719	0.280419	0.678336	-1.4742	0.303931	0.691904	-1.44529	0.000195659	8.73012	8.73012	0.00182374	4.62968	4.62968	11.0764	20.991	1.68454	1
cg13581022	0.532606	1.26711	1.26711	0.404212	1.37669	1.37669	0.916197	1.04021	1.04021	0.000429381	0.124044	-8.06164	9.84198	21.8672	1.97496	1
cg08414231	0.923478	0.959735	-1.04195	?	?	?	0.000256254	13.1351	13.1351	0.000283205	12.6465	12.6465	10.0602	25.9163	2.57612	1
cg26481961	0.108536	0.586067	-1.70629	0.291991	0.716251	-1.39616	0.116832	1.6821	1.6821	0.0217186	2.31873	2.31873	9.81591	14.4839	1.3116	1
cg02495306	0.656467	0.751921	-1.32993	0.000855544	0.0411687	-24.2903	0.000244697	0.0210565	-47.4912	0.00241235	0.0677771	-14.7542	9.37566	60.2343	5.7107	1
cg01375994	0.175578	0.702396	-1.4237	0.0497332	1.73152	1.73152	0.550644	0.862351	-1.15962	0.00795724	0.434098	-2.30363	8.34902	7.95427	0.846861	1
cg22698358	0.103926	1.55021	1.55021	0.0980667	1.56428	1.56428	0.00547307	2.46137	2.46137	0.00148423	3.09627	3.09627	6.791	6.53853	0.855843	1
cg07842130	0.820365	0.889818	-1.12382	0.292558	1.75148	1.75148	0.0423865	0.301249	-3.31951	0.00264108	0.118176	-8.46192	6.47981	27.0352	3.70865	1
cg12094412	0.497592	1.17312	1.17312	0.612516	1.12572	1.12572	0.00620342	2.28732	2.28732	0.000473067	3.57188	3.57188	5.90839	5.03043	0.756804	1
cg05987154	0.453264	0.798619	-1.25216	0.605742	1.16562	1.16562	0.00034311	5.45505	5.45505	0.0307797	2.10991	2.10991	5.85709	8.03605	1.21957	1
cg15215369	0.545008	0.890378	-1.12312	0.64241	0.915183	-1.09268	0.00701714	1.9362	1.9362	0.0195455	0.585749	-1.70722	4.67154	2.65804	0.505766	1
cg08871573	0.79093	1.20071	1.20071	0.166398	0.362091	-2.76174	0.00205103	0.050263	-19.8953	0.0143825	0.125293	-7.9813	3.9288	29.4905	6.67221	1
cg04608811	0.00910134	0.358896	-2.78632	0.00234564	0.268999	-3.71749	0.82526	0.933908	-1.07077	0.039497	0.478822	-2.08846	4.81919	7.29831	1.34616	1
cg18755226	0.0198762	1.49322	1.49322	0.136853	0.795691	-1.25677	0.000560372	0.466254	-2.14476	0.0479106	1.38062	1.38062	12.7254	4.09924	0.286338	1
cg13387113	0.0308988	0.155809	-6.41813	0.00156464	0.0356682	-28.0362	0.168784	2.93177	2.93177	0.0312712	0.156665	-6.38303	4.93189	42.0327	7.57566	1
cg01990328	0.953052	1.01627	1.01627	0.0885568	0.597567	-1.67345	0.16275	1.50435	1.50435	0.0743515	0.579914	-1.72439	4.25501	5.06113	1.05729	1
cg07484485	0.827604	1.03183	1.03183	0.0766806	1.32697	1.32697	0.303657	0.858069	-1.16541	0.964754	1.00637	1.00637	3.39476	1.10988	0.290613	1
cg25063151	0.000117474	0.048941	-20.4328	7.16E-05	0.0392738	-25.4623	0.603802	1.26392	1.26392	0.00415724	0.179314	-5.5768	21.8754	69.3447	2.81777	1
cg14270725	0.0247157	0.462831	-2.16061	0.000507484	0.209083	-4.78278	0.000108553	0.140155	-7.13498	0.210041	0.683474	-1.46311	10.8001	14.1973	1.16849	1
cg07284273	0.00114342	0.277911	-3.59827	0.314178	0.756774	-1.3214	0.0142627	0.44519	-2.24623	0.0406768	0.531136	-1.88276	10.4696	11.8868	1.00921	1
cg15386434	0.0527488	0.476064	-2.10056	0.000394697	0.149202	-6.70232	0.000174324	0.116796	-8.5619	0.555436	0.817883	-1.22267	10.4411	18.7896	1.59963	1
cg14793596	0.00617345	0.293827	-3.40337	0.000422422	0.147266	-6.79045	0.0479721	0.4606	-2.17108	0.151953	0.590786	-1.69266	8.73313	16.2632	1.65533	1
cg27399052	0.310611	1.35092	1.35092	0.016062	2.32748	2.32748	0.000594579	4.57214	4.57214	0.394705	1.28394	1.28394	5.67563	7.38889	1.15721	1
cg11414742	0.59711	0.856802	-1.16713	0.050626	0.524487	-1.90662	0.153716	1.55663	1.55663	0.994785	1.0019	1.0019	4.84662	6.44362	1.18178	1
cg12478066	0.223676	1.34881	1.34881	0.0585064	1.6492	1.6492	0.00298755	2.59425	2.59425	0.098625	0.654492	-1.5279	4.81224	4.17529	0.771236	1
cg23036947	0.311255	1.88538	1.88538	0.00527889	9.26343	9.26343	0.00159838	15.5019	15.5019	0.483544	1.53878	1.53878	4.53857	26.3363	5.15802	1
cg22691336	0.530616	1.13577	1.13577	0.73915	1.06927	1.06927	0.00297403	2.26352	2.26352	0.914936	1.02164	1.02164	3.82371	2.43244	0.565465	1
cg26108719	0.391487	0.762072	-1.31221	0.389524	1.31377	1.31377	0.126332	1.66835	1.66835	0.0665878	0.529089	-1.89004	3.74975	5.68802	1.34836	1
cg10021364	0.0164625	1.58741	1.58741	0.00712498	1.72983	1.72983	0.00088414	2.19379	2.19379	0.00516321	1.79003	1.79003	8.83782	3.47966	0.349976	1
cg06472476	0.859403	0.972934	-1.02782	0.0140629	0.625528	-1.59865	0.331941	1.16755	1.16755	0.0173827	1.56552	1.56552	6.82314	2.58817	0.337175	1
cg13499300	0.023901	1.72367	1.72367	0.0107191	0.523171	-1.91142	0.0844455	1.47046	1.47046	0.423067	0.847638	-1.17975	4.13473	2.67248	0.574534	1
cg18765801	4.13E-06	0.374548	-2.66988	0.0160718	0.76249	-1.31149	0.486916	1.06717	1.06717	0.0178314	0.767143	-1.30354	39.5428	5.30546	0.119262	1
cg02201774	0.0884631	0.790673	-1.26474	0.000245419	0.469008	-2.13216	0.679683	1.05325	1.05325	0.191116	0.841161	-1.18883	12.2725	3.03532	0.219846	1
cg07454803	0.25436	1.71274	1.71274	0.715	1.18034	1.18034	0.065263	0.392336	-2.54883	0.105583	0.449632	-2.22404	5.91552	19.1499	2.87754	1
cg12970155	0.00157076	0.34873	-2.86755	0.154897	1.42354	1.42354	0.144921	1.43787	1.43787	0.0598766	0.611098	-1.6364	5.14568	4.3854	0.757555	1
cg11942450	0.00479621	0.554271	-1.80417	0.000331977	0.401228	-2.49235	0.0376442	0.683753	-1.46252	1.79E-07	0.0796276	-12.5585	74.3492	29.2663	0.349896	1
cg05471484	0.548891	0.9228	-1.08366	0.000238848	2.23845	2.23845	0.662941	0.943562	-1.05981	0.000190283	0.434692	-2.30048	58.6888	16.3094	0.247018	1
cg27318810	0.1367	0.770479	-1.29789	0.00194535	2.03965	2.03965	0.539184	0.903834	-1.1064	7.14E-06	0.199241	-5.01904	52.4099	21.9552	0.372367	1
cg04744735	0.0842236	0.721168	-1.38664	0.0230393	1.59222	1.59222	0.86232	1.03015	1.03015	6.44E-06	0.178932	-5.58873	41.8416	19.4039	0.412219	1
cg02423610	0.576278	0.912742	-1.0956	0.0891554	1.35412	1.35412	0.247911	0.822548	-1.21573	0.00013496	0.343325	-2.91269	38.4034	15.9066	0.368176	1
cg08557180	0.0003683	0.319666	-3.12826	0.0387608	0.61966	-1.61379	0.501033	1.14634	1.14634	0.000191905	0.284739	-3.51199	20.6548	13.0819	0.562985	1
cg27495054	0.0192095	0.577677	-1.73107	0.000365792	0.330929	-3.0218	0.0883007	0.694689	-1.43949	0.00290973	0.452676	-2.20908	13.9466	8.2879	0.528232	1
cg17281638	0.719199	0.958187	-1.04364	0.00103431	0.562732	-1.77704	0.144486	1.20375	1.20375	0.00774831	0.667244	-1.4987	12.9694	2.87482	0.197033	1
cg27256565	0.0829164	0.523177	-1.9114	0.620246	1.18356	1.18356	0.974869	1.01068	1.01068	0.000117885	0.102874	-9.72067	12.3814	22.3229	1.60261	1
cg19183358	0.0933828	0.729689	-1.37045	0.0163059	1.65122	1.65122	0.598058	0.913158	-1.0951	0.0110187	0.580099	-1.72384	7.26408	3.3547	0.410507	1
cg27659505	0.000152703	0.200147	-4.99633	0.718185	0.914134	-1.09393	0.0137186	0.470044	-2.12746	0.00139704	0.317638	-3.14824	15.9542	15.5063	0.863936	1
cg01386831	0.214626	0.830444	-1.20418	0.000214251	0.415163	-2.40869	0.134415	0.794887	-1.25804	0.624958	0.932331	-1.07258	10.5525	3.38043	0.28475	1
cg11188549	0.000602741	0.4855	-2.05973	0.336539	0.873421	-1.14492	0.00639706	0.61596	-1.62348	0.00785667	0.627597	-1.59338	9.01846	2.66451	0.262623	1
cg02943074	0.69021	1.13831	1.13831	0.00183122	0.238935	-4.18524	0.315786	0.715064	-1.39848	0.17873	0.630061	-1.58715	6.67271	11.0498	1.47198	1
cg05453314	0.0439683	0.527355	-1.89626	0.0092568	2.49163	2.49163	0.429731	1.24959	1.24959	0.668069	1.12664	1.12664	6.64872	8.04586	1.07568	1
cg26377339	0.174792	0.778603	-1.28435	0.190455	1.27176	1.27176	0.883362	0.974867	-1.02578	0.00783111	0.553337	-1.80722	5.79367	2.75877	0.423262	1
cg13311142	0.0331966	0.240045	-4.16589	0.202403	2.16272	2.16272	0.76854	1.18428	1.18428	0.088755	0.340943	-2.93304	4.0615	21.1306	4.62459	1
cg05454957	0.0584645	0.292442	-3.41948	0.00707604	0.135132	-7.40017	0.027923	0.224506	-4.45423	0.136767	0.397795	-2.51386	3.51756	18.4247	4.65593	1
cg02518394	0.00489633	0.197963	-5.05146	0.186612	0.544384	-1.83694	0.103685	0.461661	-2.16609	0.159798	0.520779	-1.9202	3.47672	10.3885	2.65601	1
cg13400176	0.176776	1.4764	1.4764	0.166857	1.49169	1.49169	0.363075	1.28871	1.28871	0.65207	1.13107	1.13107	35.9232	37.2362	1.03655	1
cg27434890	0.0141554	1.75167	1.75167	0.0168362	1.7161	1.7161	0.0346922	0.633863	-1.57763	0.00483093	0.500481	-1.99808	10.4698	5.68552	0.482701	1
cg07363239	0.0813577	1.48996	1.48996	4.48E-05	0.20293	-4.9278	0.262183	1.27291	1.27291	0.668493	1.09298	1.09298	10.2648	6.92545	0.599713	1
cg13220457	0.0443247	0.774696	-1.29083	0.000253935	0.513635	-1.94691	0.030232	0.754576	-1.32525	0.197074	1.16266	1.16266	9.66129	1.86896	0.171954	1
cg01369646	?	?	?	0.000143448	0.0715774	-13.9709	0.0918264	0.473832	-2.11045	0.431733	1.38114	1.38114	8.81629	17.5867	2.27976	1
cg19623877	0.000256524	0.280974	-3.55904	0.00388953	2.27031	2.27031	0.305264	1.25094	1.25094	0.770633	1.0636	1.0636	8.09034	5.69942	0.626198	1
cg26288715	0.895319	0.963307	-1.03809	0.0219562	0.458179	-2.18255	0.401543	1.27611	1.27611	0.0135435	0.419901	-2.38151	4.48917	5.73342	1.13526	1
cg04739200	0.0857938	0.729196	-1.37137	0.0428899	1.47344	1.47344	0.380021	0.860896	-1.16158	0.0197359	0.626038	-1.59735	4.43911	1.94504	0.389476	1
cg04531756	0.805453	1.2064	1.2064	0.00331142	0.047752	-20.9416	0.432789	0.544054	-1.83805	0.0522184	0.186553	-5.36041	4.2309	38.7444	8.13998	1
cg11579069	0.746517	0.966676	-1.03447	0.248608	0.88159	-1.13431	0.084014	1.22114	1.22114	0.0072282	1.4365	1.4365	3.7198	0.643335	0.153732	1
cg12753606	0.0191056	0.496994	-2.0121	0.428093	1.22072	1.22072	0.0108707	0.454623	-2.19962	0.334927	0.782601	-1.27779	3.57026	3.43611	0.855491	1
cg00366934	0.152466	0.867222	-1.15311	0.113207	0.851949	-1.17378	0.322435	1.09967	1.09967	0.447524	0.930572	-1.07461	3.56936	0.488414	0.121631	1
cg13189020	0.0115439	2.77248	2.77248	0.000207016	7.42998	7.42998	0.0171428	2.55444	2.55444	0.00438837	3.41463	3.41463	7.52591	12.4221	1.46718	1
cg22876918	0.0204526	1.38463	1.38463	0.0147562	1.41851	1.41851	0.0715529	0.791017	-1.2642	0.652978	1.05415	1.05415	7.41085	1.59321	0.191097	1
cg18905962	0.311182	0.846424	-1.18144	0.0498169	1.42765	1.42765	0.643436	0.928507	-1.077	0.0313275	1.4947	1.4947	4.50109	1.80514	0.356485	1
cg09726279	0.0831116	0.473556	-2.11168	0.156356	0.553923	-1.80531	0.00533472	0.239307	-4.17873	0.0888621	0.481359	-2.07745	4.35133	10.4603	2.13683	1
cg09795523	0.0189236	0.386253	-2.58897	0.149921	0.596547	-1.67631	0.969216	0.987168	-1.013	0.134733	0.582933	-1.71546	4.22167	7.48897	1.57683	1
cg22099404	0.0204545	0.564296	-1.77212	0.0210779	0.566491	-1.76525	0.00657232	0.485266	-2.06073	0.0105928	0.517621	-1.93191	5.54177	3.68307	0.590757	1
cg17826393	0.049821	0.802412	-1.24624	0.00186956	0.647847	-1.54357	0.0412178	1.26076	1.26076	0.264608	0.891899	-1.1212	8.74034	1.34013	0.13629	1
cg11785625	0.404128	0.792518	-1.2618	0.0293352	0.496986	-2.01213	0.100925	0.61301	-1.6313	0.32061	0.756128	-1.32253	7.80486	9.1722	1.04461	1
cg24888944	0.0576681	0.595461	-1.67937	0.0424063	0.568629	-1.75862	0.282708	0.763684	-1.30944	0.551321	1.15671	1.15671	6.1781	5.70783	0.821228	1
cg14285013	0.866116	0.950228	-1.05238	0.156847	0.632457	-1.58114	0.0531277	0.514355	-1.94418	0.901398	1.03821	1.03821	3.77521	5.47342	1.28874	1
cg01086075	0.462728	0.898186	-1.11336	0.996087	1.0007	1.0007	3.21E-06	4.87738	4.87738	0.252701	1.18722	1.18722	33.5265	10.9563	0.290485	1
cg15099490	0.00558314	1.4227	1.4227	0.00072104	1.64607	1.64607	0.442554	0.926961	-1.07879	0.709725	0.964429	-1.03688	9.69387	1.44061	0.132098	1
cg23843505	0.0606163	0.635492	-1.57358	0.0285609	0.574842	-1.73961	0.0315256	0.582488	-1.71677	0.271713	1.27788	1.27788	7.13411	5.18924	0.646565	1
cg16487280	0.0142718	1.30679	1.30679	0.00152543	0.667626	-1.49784	0.925098	0.991709	-1.00836	0.0894154	1.18035	1.18035	7.03219	0.873082	0.11036	1
cg24924731	0.208908	0.921521	-1.08516	0.00644287	0.803633	-1.24435	0.209972	0.921715	-1.08493	0.0270851	0.850906	-1.17522	6.47169	0.390216	0.0535962	1
cg23840338	0.0572489	1.49101	1.49101	0.021019	0.597192	-1.6745	0.0173888	1.71225	1.71225	0.202531	0.778915	-1.28384	13.529	7.38945	0.485506	1
cg23536555	0.998351	0.999507	-1.00049	0.480832	0.842799	-1.18652	0.375614	1.24237	1.24237	0.0426909	0.573008	-1.74518	6.04891	5.457	0.801909	1
cg21726618	0.546202	1.52628	1.52628	0.0611777	0.232075	-4.30895	0.0144084	8.06997	8.06997	0.0677916	4.12252	4.12252	4.83624	36.7172	6.74853	1
cg23067881	0.17408	2.82593	2.82593	0.160011	0.340097	-2.94034	0.0179693	7.8903	7.8903	0.131678	3.21915	3.21915	3.93209	32.1442	7.2665	1
cg26833652	0.183265	3.44082	3.44082	0.353241	0.433474	-2.30695	0.0116143	15.8146	15.8146	0.0624583	6.26536	6.26536	3.70121	44.8948	10.782	1
cg08359761	0.953776	1.01404	1.01404	4.47E-07	0.0323559	-30.9063	0.881352	1.03658	1.03658	0.997114	1.00087	1.00087	31.4711	28.8449	0.814713	1
cg09997788	0.116583	1.13255	1.13255	0.0058614	1.3012	1.3012	0.000872749	1.43977	1.43977	0.958478	0.996207	-1.00381	16.1079	1.35945	0.0750191	1
cg22603562	0.0562381	0.739476	-1.35231	0.109622	1.27569	1.27569	0.0921775	0.772006	-1.29533	0.0449788	0.725293	-1.37875	13.89	4.28689	0.27434	1
cg17071417	0.00137525	2.48931	2.48931	0.0164348	1.77909	1.77909	0.149716	1.35456	1.35456	0.00382139	0.464723	-2.15182	8.38755	5.12896	0.543552	1
cg11430371	0.0160625	0.599524	-1.66799	0.000980456	0.426947	-2.34221	0.0122474	0.581681	-1.71915	0.0678367	0.701062	-1.42641	6.24615	2.98253	0.424443	1
cg10687087	0.0478784	1.65464	1.65464	0.0775891	1.54761	1.54761	0.0202309	1.86523	1.86523	0.257141	0.768518	-1.30121	5.22331	4.10016	0.697755	1
cg15078122	0.125055	0.688965	-1.45145	0.3023	0.786801	-1.27097	0.956872	1.01221	1.01221	0.581146	1.13319	1.13319	4.49741	3.5864	0.708833	1
cg08633134	0.11401	1.37359	1.37359	0.020006	0.595546	-1.67913	0.319378	1.20923	1.20923	0.08732	1.41695	1.41695	4.49116	2.42459	0.479874	1
cg16255631	0.0409233	0.113383	-8.81964	0.00739755	0.0414246	-24.1402	0.0269181	0.0891106	-11.222	0.106054	0.19619	-5.0971	3.82065	51.5126	11.9846	1
cg17871610	0.803149	0.912099	-1.09637	0.00210747	0.203344	-4.91777	0.123294	0.540658	-1.8496	0.243897	0.638186	-1.56694	3.76997	8.10225	1.91036	1
cg15560112	0.00156228	0.422432	-2.36725	0.688376	0.926415	-1.07943	0.470265	1.14942	1.14942	0.43611	1.16256	1.16256	3.50747	1.9966	0.505993	1
cg06168166	0.129596	0.814441	-1.22784	0.0166206	1.44282	1.44282	0.866532	1.02131	1.02131	0.171614	0.833253	-1.20012	15.3543	3.82055	0.22118	1
cg03778108	0.000121832	0.360051	-2.77739	0.345076	1.1596	1.1596	0.000799689	0.462639	-2.16151	0.000586944	0.44537	-2.24532	15.1888	5.57717	0.326391	1
cg19126426	0.0226417	0.367177	-2.72349	0.0286125	0.387501	-2.58064	0.0485609	0.437276	-2.28688	0.0911136	0.505004	-1.98018	8.06594	17.2172	1.89738	1
cg05649391	0.269919	0.757965	-1.31932	0.180334	0.709512	-1.40942	0.899805	1.03085	1.03085	0.620531	0.886577	-1.12793	7.81923	7.20584	0.819158	1
cg26238414	0.0406941	0.565602	-1.76803	0.979231	1.0063	1.0063	0.330098	0.784761	-1.27427	0.11399	0.660562	-1.51386	7.00392	6.45159	0.818791	1
cg10354134	0.00841624	0.433988	-2.30421	0.603457	0.87811	-1.13881	0.446316	1.21233	1.21233	0.339359	1.27668	1.27668	6.60768	6.43858	0.866141	1
cg23614000	0.758492	1.17013	1.17013	0.00146916	0.0964095	-10.3724	0.213258	0.512865	-1.94983	0.0470475	0.314143	-3.18327	4.08049	16.7731	3.65382	1
cg09140593	0.885963	0.978008	-1.02249	0.0171752	1.5683	1.5683	0.957314	0.99174	-1.00833	0.605236	0.922378	-1.08415	3.93314	1.49583	0.338059	1
cg16711986	0.447604	0.753813	-1.32659	0.83972	1.07675	1.07675	0.120224	0.540401	-1.85048	0.0277069	0.386641	-2.58638	3.53186	7.45772	1.87694	1
cg06533679	0.725512	0.919459	-1.0876	1.43E-05	0.116166	-8.60837	0.034312	0.555352	-1.80066	0.00479969	0.410033	-2.43883	12.512	11.2445	0.798843	1
cg21370143	0.41496	0.7572	-1.32065	0.605198	0.84025	-1.19012	0.834315	0.932476	-1.07241	0.988944	1.00464	1.00464	3.87039	6.82901	1.56838	1
cg12080492	0.543738	0.892162	-1.12087	0.00153332	0.428889	-2.33161	0.0185757	1.69882	1.69882	0.909632	0.979139	-1.02131	7.66619	4.18575	0.485335	1
cg03448202	0.459563	1.13431	1.13431	0.0413976	1.48244	1.48244	0.565439	0.907334	-1.10213	0.467406	0.883594	-1.13174	4.07546	1.80796	0.394329	1
cg04012600	0.863437	1.06805	1.06805	0.0110469	0.29558	-3.38318	0.475433	1.31985	1.31985	0.0826896	0.47956	-2.08525	3.69905	8.56659	2.05857	1
cg27045396	0.0350238	0.658174	-1.51935	2.21E-05	0.23457	-4.26311	0.328115	1.18755	1.18755	0.000619035	2.45274	2.45274	20.0571	9.21202	0.408257	1
cg11688275	0.000282814	0.446465	-2.23982	0.110675	1.26649	1.26649	0.0817581	0.769375	-1.29976	0.0136652	1.51369	1.51369	17.2644	5.05145	0.260084	1
cg00163372	0.00180857	0.0542755	-18.4245	0.0244914	0.172048	-5.81233	0.0014866	0.0493059	-20.2815	0.0155955	0.142626	-7.01134	12.3589	84.4294	6.07241	1
cg08526705	0.00727858	0.111375	-8.97867	0.00904381	0.121989	-8.19744	0.00141482	0.0534322	-18.7153	0.0212218	0.172681	-5.79104	10.3388	65.8314	5.65991	1
cg03394237	0.806706	1.02112	1.02112	0.319785	0.916073	-1.09162	0.301164	0.912705	-1.09564	0.203673	0.891906	-1.12119	7.86545	0.905623	0.102346	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26441142	MYC	0.0043352	0.440892	0.925591	-1.08039	0.0177679	0.753088	-1.32787	0.13398	1.17234	1.17234	0.0215188	0.762118	-1.31213	0.0550232	1.23868	1.23868
cg10340053	MYC	0.00671926	0.204687	0.862368	-1.1596	0.0192132	1.36809	1.36809	0.00101873	1.71432	1.71432	0.85229	1.02084	1.02084	0.0235413	0.741379	-1.34884
cg03003858	MYC	0.00848364	0.000356253	0.0940367	-10.6341	0.50711	1.31994	1.31994	0.211544	1.72092	1.72092	0.24851	0.608022	-1.64468	0.837748	0.918906	-1.08825
cg10832291	MYC	0.00868256	0.611521	0.849494	-1.17717	0.660029	0.868559	-1.15133	0.0751902	1.89802	1.89802	0.00651144	0.309292	-3.23319	0.081169	0.535314	-1.86806
cg17505251	MYC	0.00905567	0.46917	0.928559	-1.07694	0.750637	1.03261	1.03261	0.0280451	1.29846	1.29846	0.0223084	0.759097	-1.31735	0.437307	1.08302	1.08302
cg03498895	MYC	0.0139445	0.413112	0.896519	-1.11543	0.933327	1.01098	1.01098	0.311325	1.14654	1.14654	0.517518	1.08944	1.08944	0.34667	1.13487	1.13487
cg13244804	MYC	0.0155315	0.379077	0.755673	-1.32332	0.0814393	0.549039	-1.82136	0.0724395	1.86321	1.86321	0.859452	0.946462	-1.05657	0.0444413	2.04745	2.04745
cg15801573	MYC	0.0242029	0.0214021	0.742246	-1.34726	0.129967	1.19287	1.19287	0.0214042	1.34725	1.34725	0.772449	1.03176	1.03176	0.798348	1.02799	1.02799
cg05927173	MYC	0.0474451	0.920591	0.985983	-1.01422	0.011723	1.56168	1.56168	0.314131	0.862975	-1.15878	0.185875	1.21965	1.21965	0.0687744	1.33423	1.33423
cg23187103	MYC;MYC	0.00693652	?	?	?	0.747468	1.18503	1.18503	0.00987663	5.54702	5.54702	0.0143016	4.89096	4.89096	?	?	?
cg27207274	MYC;MYC	0.0135918	0.139448	0.854209	-1.17067	0.0182666	1.32822	1.32822	0.29209	0.897353	-1.11439	0.00267264	0.662713	-1.50895	0.215369	0.878792	-1.13793
cg00611675	MYC;MYC	0.0225311	0.297227	0.852472	-1.17306	0.188324	1.22861	1.22861	0.83206	0.969122	-1.03186	0.0472611	1.39833	1.39833	0.514618	1.10252	1.10252
cg03076047	MYC;MYC	0.0405118	?	?	?	0.468885	1.22011	1.22011	0.42552	1.24569	1.24569	0.374436	1.27906	1.27906	0.0650585	0.57165	-1.74932
cg24441975	MYCBP	5.60E-07	0.000407256	1.12713	1.12713	0.00419102	0.921529	-1.08515	0.103669	0.962796	-1.03864	3.04E-05	0.840585	-1.18965	4.54E-05	1.17856	1.17856
cg26344250	MYCBP	7.00E-05	0.288941	0.810795	-1.23336	0.75826	0.942878	-1.06058	0.0203607	0.586993	-1.7036	0.257706	1.25238	1.25238	1.49E-06	0.0978285	-10.222
cg03731661	MYCBP	0.00233024	0.00502986	0.284011	-3.52099	0.0835215	0.522144	-1.91518	0.756471	0.899849	-1.1113	0.949478	1.02173	1.02173	0.000106888	0.0983825	-10.1644
cg08273200	MYCBP	0.00554484	0.217853	0.875809	-1.1418	0.707968	1.03924	1.03924	0.000977383	1.65148	1.65148	0.0075986	0.703857	-1.42074	0.243402	0.882616	-1.133
cg17027776	MYCBP	0.0407884	0.486745	0.937194	-1.06702	0.466884	1.07032	1.07032	0.0578277	1.21758	1.21758	0.23611	0.892294	-1.12071	0.222256	1.12496	1.12496
cg08483281	MYCBP	0.0480173	0.0206612	0.624718	-1.60072	0.713342	0.939611	-1.06427	0.556211	0.904405	-1.1057	0.170992	0.781855	-1.27901	0.0676179	0.707769	-1.41289
cg10035591	MYCBP2	0.00016863	0.0803426	0.833666	-1.19952	0.774208	1.02734	1.02734	0.02955	0.786397	-1.27162	0.332954	0.910589	-1.09819	2.70E-05	0.459827	-2.17473
cg23269605	MYCBP2	0.00269018	0.267368	0.841126	-1.18888	0.000213723	0.396185	-2.52407	0.0100913	0.615035	-1.62592	0.0839349	1.33157	1.33157	0.00406291	0.561253	-1.78173
cg09009788	MYCBP2	0.0125772	0.394232	0.679677	-1.47129	0.411235	0.689492	-1.45034	0.155811	0.510718	-1.95803	0.118863	2.11496	2.11496	0.00120875	0.122791	-8.14389
cg23272193	MYCBP2	0.0217072	0.611198	1.09926	1.09926	0.18682	1.29473	1.29473	0.075082	0.693574	-1.44181	0.955631	1.01032	1.01032	0.687905	1.07739	1.07739
cg26169439	MYCBP2	0.0293699	0.00451842	0.262796	-3.80523	0.0584612	2.12772	2.12772	0.0073278	3.39029	3.39029	0.541425	1.24398	1.24398	0.608687	1.20004	1.20004
cg03027750	MYCBP2	0.0344403	0.0123785	0.238375	-4.19506	0.531351	0.746772	-1.3391	0.420811	1.46045	1.46045	0.158039	0.499041	-2.00384	0.0690805	0.391896	-2.5517
cg01063243	MYCBP2;MYCBP2	0.0212812	0.231361	1.7265	1.7265	0.00983562	0.241858	-4.13467	0.253295	0.595115	-1.68035	0.184474	0.542085	-1.84473	0.000922751	0.11615	-8.60958
cg20568840	MYCBP;GJA9	1.06E-07	2.51E-08	0.105402	-9.48747	2.40E-08	0.10407	-9.60894	1.87E-06	0.274788	-3.63917	0.09547	0.818847	-1.22123	2.18E-06	0.281829	-3.54825
cg01562897	MYCBP;GJA9	0.01021	0.0143866	0.200877	-4.97816	0.0718666	0.34333	-2.91265	0.0395354	0.281766	-3.54905	0.903245	1.06684	1.06684	0.447355	0.662319	-1.50985
cg24051749	MYCBP;GJA9	0.0270576	0.0320858	0.358108	-2.79246	0.0309643	0.354872	-2.81792	0.045335	0.391019	-2.55742	0.958823	0.979105	-1.02134	0.0308904	0.354656	-2.81963
cg12792157	MYCBP;MYCBP	0.00743745	0.0409737	0.67601	-1.47927	0.00206636	0.486662	-2.05481	0.0587395	0.701584	-1.42535	0.564838	0.907914	-1.10143	0.329493	0.846152	-1.18182
cg09404642	MYCBPAP	3.22E-06	0.946035	0.991653	-1.00842	0.0653753	1.29191	1.29191	0.00386932	1.61904	1.61904	0.039711	1.34242	1.34242	0.651677	0.945283	-1.05788
cg27403810	MYCBPAP	1.81E-05	0.0965193	0.682621	-1.46494	0.188355	0.747021	-1.33865	0.19953	0.753051	-1.32793	0.871896	1.03434	1.03434	0.639891	0.906105	-1.10362
cg01697487	MYCBPAP	0.000240532	0.00455193	0.402492	-2.48452	0.00690605	0.430812	-2.3212	0.000474753	0.266697	-3.74958	0.00244663	0.362298	-2.76016	0.00165674	0.338207	-2.95677
cg20120165	MYCBPAP	0.00132872	0.109052	0.724391	-1.38047	0.14426	0.748717	-1.33562	0.193518	1.28897	1.28897	0.281824	1.22919	1.22919	7.55E-05	0.265795	-3.7623
cg09265274	MYCBPAP	0.00185321	0.264503	1.50957	1.50957	0.0915801	0.517971	-1.93061	0.400284	0.737207	-1.35647	0.875041	1.05731	1.05731	0.289213	1.47634	1.47634
cg03611598	MYCBPAP	0.00254389	0.797585	0.940915	-1.0628	0.922776	1.02324	1.02324	0.0344286	1.79424	1.79424	0.0637309	1.6387	1.6387	0.393025	0.812743	-1.2304
cg22571038	MYCBPAP	0.00592804	0.299211	0.554658	-1.80291	0.168611	0.447716	-2.23356	0.0626428	3.1508	3.1508	0.0894404	2.78937	2.78937	0.14917	0.428542	-2.33349
cg20138264	MYCBPAP	0.0133453	0.342108	0.739646	-1.352	0.768692	0.913145	-1.09512	0.785205	1.08781	1.08781	0.425494	0.778228	-1.28497	0.569012	1.19404	1.19404
cg03168497	MYCBPAP	0.0212156	0.0156839	0.308526	-3.24121	0.974025	1.01301	1.01301	0.818743	0.912891	-1.09542	0.0850495	2.12984	2.12984	0.0656076	0.440259	-2.27139
cg22290782	MYCBPAP;EPN3	0.000413736	0.000680393	0.241618	-4.13877	0.913626	0.970753	-1.03013	0.000220705	0.185687	-5.3854	0.00337564	0.335988	-2.9763	2.42E-05	0.100114	-9.9886
cg02593766	MYCBPAP;EPN3	0.010713	0.796783	1.13471	1.13471	0.0126726	4.56059	4.56059	0.171252	2.04096	2.04096	0.984127	1.00979	1.00979	0.000676224	0.0784651	-12.7445
cg02788401	MYCBPAP;MYCBPAP	1.64E-05	0.150901	1.27803	1.27803	0.275904	1.19797	1.19797	0.688939	0.937887	-1.06623	0.692671	1.06535	1.06535	0.999909	0.999982	-1.00002
cg00295382	MYCL1;MYCL1	0.0283753	0.0735096	0.401688	-2.48949	0.0222281	0.285707	-3.50009	0.090101	2.34867	2.34867	0.022589	3.48391	3.48391	0.10175	0.44094	-2.26788
cg20462899	MYCL1;MYCL1;MYCL1	0.00029779	0.0404268	0.381675	-2.62003	0.389272	1.43192	1.43192	0.857838	0.929637	-1.07569	0.324798	0.661164	-1.51248	0.569195	0.79128	-1.26378
cg08063724	MYCL1;MYCL1;MYCL1	0.000642008	0.194693	0.731091	-1.36782	0.00127021	0.3418	-2.92569	0.0659121	0.624308	-1.60177	0.0301955	1.7895	1.7895	0.00184883	2.74348	2.74348
cg11653406	MYCL1;MYCL1;MYCL1	0.00431758	0.947956	0.958134	-1.0437	0.00255924	15.4997	15.4997	0.0116347	7.8948	7.8948	0.000897609	0.0385139	-25.9647	0.425401	0.586673	-1.70453
cg23922040	MYCL1;MYCL1;MYCL1	0.00438244	0.110726	1.55082	1.55082	0.272496	0.74948	-1.33426	0.0441282	0.557717	-1.79302	0.573552	0.866244	-1.15441	0.113192	0.647101	-1.54535
cg04023370	MYCL1;MYCL1;MYCL1	0.00607094	0.0316276	0.464959	-2.15073	0.237942	0.68681	-1.45601	0.0677741	0.536974	-1.86229	0.0247466	0.443774	-2.2534	0.000135202	0.134179	-7.45274
cg27650434	MYCL1;MYCL1;MYCL1	0.0277675	0.09792	0.609236	-1.6414	0.0100584	2.42688	2.42688	0.113087	1.60108	1.60108	0.924158	0.974346	-1.02633	0.0924228	0.603217	-1.65778
cg17514654	MYCL1;MYCL1;MYCL1	0.0346476	0.325947	0.762786	-1.31098	0.0259494	2.02538	2.02538	0.111939	1.58744	1.58744	0.353828	0.775162	-1.29005	0.0342316	0.517074	-1.93396
cg16163765	MYCL1;MYCL1;MYCL1	0.0363898	0.00292057	0.26337	-3.79694	0.102147	0.557828	-1.79267	0.407408	0.758423	-1.31852	0.744633	1.11254	1.11254	0.0122963	0.361554	-2.76584
cg22311507	MYCN	0.0104906	0.489941	0.805382	-1.24165	0.437462	0.783135	-1.27692	0.0186735	0.414865	-2.41042	0.435542	1.27828	1.27828	0.00021755	0.14907	-6.70826
cg07083806	MYCN;MYCNOS	0.000171592	0.0076506	0.551651	-1.81274	0.0299679	0.642087	-1.55742	0.0136335	0.588939	-1.69797	0.751379	1.0567	1.0567	0.00484218	0.522935	-1.91228
cg10429747	MYCN;MYCNOS	0.00191196	0.243959	0.823206	-1.21476	0.00013979	2.85677	2.85677	0.97061	0.994137	-1.0059	0.084593	0.737545	-1.35585	0.189306	1.24846	1.24846
cg20431766	MYCN;MYCNOS	0.00894618	0.0124576	0.549066	-1.82128	0.982305	1.00429	1.00429	0.951166	1.01188	1.01188	0.0158343	0.565601	-1.76803	0.0843632	0.692036	-1.44501
cg07468260	MYCN;MYCNOS	0.0328263	0.536816	0.947356	-1.05557	0.0151549	0.772597	-1.29434	0.0614815	1.19981	1.19981	0.0643124	0.835486	-1.19691	0.684026	1.03601	1.03601
cg17519750	MYCN;MYCNOS	0.0377301	0.00419109	0.469114	-2.13168	0.372309	1.1981	1.1981	0.0316153	1.64423	1.64423	0.661111	0.916635	-1.09095	0.7382	0.935952	-1.06843
cg08884624	MYCNOS;MYCN	0.0181796	0.313721	1.13052	1.13052	0.0558194	0.774838	-1.29059	0.327691	0.887846	-1.12632	0.720691	0.958611	-1.04318	0.203512	1.1712	1.1712
cg08548888	MYD88	0.00218981	0.000126153	0.197152	-5.07223	0.0853835	0.629646	-1.58819	0.741055	0.9225	-1.08401	0.00153063	0.329756	-3.03254	0.206722	1.38255	1.38255
cg01351089	MYD88	0.00410597	0.869381	0.955287	-1.04681	0.78524	1.07887	1.07887	0.753991	1.09131	1.09131	0.00195208	0.295995	-3.37843	0.00100901	0.257656	-3.88115
cg26697158	MYEF2	0.000403604	0.0948617	0.763221	-1.31024	0.0136198	0.638086	-1.56719	0.00982356	0.618507	-1.6168	0.0576517	0.729064	-1.37162	3.32E-05	0.305558	-3.2727
cg05243389	MYEF2	0.00111707	0.010532	0.564692	-1.77088	0.196364	1.27453	1.27453	0.000257794	2.90968	2.90968	0.0297446	1.57497	1.57497	0.181377	0.777289	-1.28652
cg09704159	MYEF2	0.00232002	0.941238	1.00782	1.00782	0.00343895	1.52179	1.52179	0.167042	1.16843	1.16843	0.0733007	0.809746	-1.23495	0.95897	0.994578	-1.00545
cg22700091	MYEF2	0.0135867	0.0194372	0.401768	-2.489	0.865697	1.05615	1.05615	0.332619	1.38067	1.38067	0.349258	0.732722	-1.36477	0.619302	1.17545	1.17545
cg03297593	MYEF2	0.0289982	0.180543	1.16022	1.16022	0.0294386	0.764884	-1.30739	0.325563	0.899343	-1.11192	0.250712	1.13364	1.13364	0.516916	1.07109	1.07109
cg24497836	MYEF2	0.0328928	0.112338	0.808027	-1.23758	0.00342718	1.63276	1.63276	0.285607	0.872187	-1.14654	0.523247	1.08304	1.08304	0.16903	0.8347	-1.19804
cg24657523	MYEF2	0.0423361	0.404851	1.43428	1.43428	0.0249302	3.09341	3.09341	0.0131976	3.6697	3.6697	0.0355126	2.81725	2.81725	0.877821	1.06727	1.06727
cg23746050	MYEOV	0.00116813	5.56E-05	0.337376	-2.96406	0.877774	0.977943	-1.02255	0.131478	0.789795	-1.26615	0.54585	0.915222	-1.09263	0.961967	1.00693	1.00693
cg20363347	MYEOV	0.00450343	0.0240983	0.462704	-2.16121	0.0450174	0.517358	-1.9329	0.0187707	0.442282	-2.261	0.0216965	0.454031	-2.20249	0.00715875	0.369759	-2.70447
cg08759026	MYEOV	0.00814606	0.0681311	0.567446	-1.76228	0.0431418	0.524469	-1.90669	0.0252399	0.478034	-2.0919	0.0106222	0.410177	-2.43797	0.0149487	0.436036	-2.29339
cg01929367	MYEOV2	0.00598968	0.488084	0.733958	-1.36248	0.0947067	0.446441	-2.23994	0.72536	0.856525	-1.16751	0.0036005	0.177165	-5.64444	0.000285661	0.0741853	-13.4798
cg01159793	MYEOV2	0.0104595	0.0958882	0.656956	-1.52217	0.022941	0.535224	-1.86838	0.0954368	0.656508	-1.52321	0.776423	0.936684	-1.0676	0.00078206	0.311283	-3.21251
cg21565078	MYEOV2	0.0220339	0.791776	0.952665	-1.04969	0.00063148	0.381897	-2.6185	0.252571	0.803304	-1.24486	0.987317	0.997091	-1.00292	0.0587262	0.676172	-1.47891
cg00015603	MYEOV2	0.0252182	0.594402	0.923739	-1.08256	0.00322697	1.80962	1.80962	0.0573854	0.728135	-1.37337	0.182004	1.23255	1.23255	0.704368	0.945287	-1.05788
cg22062537	MYEOV2;MYEOV2	0.000423645	0.00145894	0.129326	-7.73241	0.0268967	3.21006	3.21006	0.0406604	2.86243	2.86243	0.00962526	4.29832	4.29832	0.000175244	0.0588708	-16.9864
cg22641902	MYEOV2;MYEOV2	0.000729377	0.031839	0.548004	-1.82481	0.0238362	1.90557	1.90557	0.0577894	0.598767	-1.6701	0.0806301	1.58925	1.58925	6.90E-05	0.175691	-5.6918
cg13749477	MYEOV2;MYEOV2	0.000790357	0.000897747	0.207892	-4.81018	0.11527	1.71788	1.71788	0.113839	1.72219	1.72219	0.0245046	2.33192	2.33192	0.000290553	0.154549	-6.47045
cg20221591	MYEOV2;MYEOV2	0.000856209	0.000718983	0.15495	-6.4537	0.6492	1.18045	1.18045	0.586315	1.22025	1.22025	0.131872	1.80245	1.80245	9.00E-05	0.079061	-12.6485
cg22009489	MYEOV2;MYEOV2	0.00109025	0.00114039	0.621093	-1.61006	0.0666737	1.22714	1.22714	0.00987345	1.38344	1.38344	0.000439694	1.73797	1.73797	0.217199	0.878758	-1.13797
cg19757382	MYEOV2;MYEOV2	0.00205945	0.00171307	0.210964	-4.74015	0.731216	1.12734	1.12734	0.851034	0.93674	-1.06753	0.0205214	2.63842	2.63842	0.000608751	0.159436	-6.27211
cg26154534	MYEOV2;MYEOV2	0.00234799	0.00291336	0.132007	-7.57535	0.836096	0.902537	-1.10799	0.131072	0.446211	-2.24109	0.347785	1.61367	1.61367	0.000198283	0.0452959	-22.0771
cg20800816	MYEOV2;MYEOV2	0.00361967	0.000822349	0.280972	-3.55908	0.0208866	0.496476	-2.0142	0.00819306	0.426505	-2.34464	0.941965	1.01851	1.01851	0.673925	0.898889	-1.11248
cg19638398	MYEOV2;MYEOV2	0.00433477	0.00420811	0.442585	-2.25945	0.0445431	0.612284	-1.63323	0.568028	0.884509	-1.13057	0.275455	1.27287	1.27287	0.00776436	0.483359	-2.06885
cg26306091	MYEOV2;MYEOV2	0.00501827	0.063181	0.552689	-1.80934	0.137275	1.57485	1.57485	0.501917	0.824167	-1.21335	0.492089	1.21895	1.21895	0.000749921	0.234333	-4.26744
cg21300895	MYEOV2;MYEOV2	0.00590623	0.00828774	0.285711	-3.50004	0.093816	1.98149	1.98149	0.863708	1.06584	1.06584	0.170451	1.71909	1.71909	0.00139213	0.179213	-5.57994
cg07628769	MYEOV2;MYEOV2	0.00774414	0.0126536	0.240499	-4.15802	0.0948968	2.32529	2.32529	0.122518	2.15849	2.15849	0.0455579	2.86962	2.86962	0.00323522	0.157755	-6.33894
cg12495591	MYEOV2;MYEOV2	0.0103864	0.0830058	0.533026	-1.87608	0.618155	1.17907	1.17907	0.0483037	0.477267	-2.09527	0.935098	1.02706	1.02706	0.000659816	0.180857	-5.52922
cg06717460	MYEOV2;MYEOV2	0.0124025	0.398793	0.727909	-1.3738	0.0614754	2.16948	2.16948	0.187685	1.67077	1.67077	0.387534	1.38487	1.38487	0.00665265	0.273997	-3.64967
cg15077087	MYEOV2;MYEOV2	0.012923	0.134561	0.649541	-1.53955	0.485798	1.20854	1.20854	0.125161	0.641524	-1.55879	0.0262127	0.49396	-2.02445	0.732097	1.09626	1.09626
cg20783424	MYEOV2;MYEOV2	0.0242466	0.0130717	0.121755	-8.21321	0.302003	2.07802	2.07802	0.751486	0.804677	-1.24273	0.00734345	10.6304	10.6304	0.308055	0.485936	-2.05789
cg17106011	MYEOV2;MYEOV2	0.0276685	0.161903	1.53805	1.53805	0.00538764	0.347809	-2.87514	0.63328	0.870614	-1.14861	0.899387	0.964195	-1.03714	0.00190931	0.281594	-3.55122
cg10868277	MYF5	2.24E-07	0.000274767	0.508313	-1.96729	6.28E-06	0.317952	-3.14513	0.204066	0.858801	-1.16441	0.0536204	0.779661	-1.28261	0.188371	0.853606	-1.1715
cg04524478	MYF5	0.000655221	0.0412045	1.86206	1.86206	0.00143366	3.37651	3.37651	0.320865	1.31092	1.31092	0.474561	1.21162	1.21162	0.0959609	1.62029	1.62029
cg10513852	MYF5	0.01978	0.116989	2.56978	2.56978	0.0365095	3.84604	3.84604	0.786331	0.860196	-1.16253	0.818216	1.1361	1.1361	0.063222	3.18347	3.18347
cg21126707	MYF5	0.022514	0.45468	1.31102	1.31102	0.0612895	2.11665	2.11665	0.801251	0.914208	-1.09384	0.700239	1.14748	1.14748	0.0236688	2.61322	2.61322
cg26998717	MYF5	0.0322264	0.0683537	2.22809	2.22809	0.0259522	2.82293	2.82293	0.305739	1.51639	1.51639	0.159974	1.80292	1.80292	0.85213	1.07601	1.07601
cg14067873	MYF5	0.0422546	0.0464791	4.2045	4.2045	0.155966	2.60111	2.60111	0.398762	1.72302	1.72302	0.16401	2.5479	2.5479	0.0557147	3.91681	3.91681
cg06376520	MYF5;MYF5	0.0198782	0.0329649	4.10186	4.10186	0.0629502	3.26712	3.26712	0.64704	1.29811	1.29811	0.327831	1.77113	1.77113	0.00614617	7.56142	7.56142
cg08352786	MYF6	3.14E-06	0.0473729	0.644017	-1.55275	0.143487	0.737187	-1.35651	1.53E-05	0.17616	-5.67665	0.100646	0.705529	-1.41738	1.06E-05	0.161365	-6.19715
cg25178519	MYF6	1.91E-05	0.00107419	0.608862	-1.64241	0.249986	0.883838	-1.13143	0.0021842	0.6431	-1.55497	0.448119	1.08264	1.08264	0.439685	1.08431	1.08431
cg26711820	MYF6	0.03257	0.146222	0.555874	-1.79897	0.0840685	2.05363	2.05363	0.0685612	0.464144	-2.1545	0.693605	1.16075	1.16075	0.569011	1.24197	1.24197
cg25176746	MYF6	0.0423241	0.109499	3.15011	3.15011	0.0677874	3.83945	3.83945	0.588014	0.697913	-1.43284	0.886706	1.09828	1.09828	0.0597977	4.04161	4.04161
cg22344727	MYF6	0.0492591	0.0549888	6.15901	6.15901	0.045626	6.7852	6.7852	0.212992	2.99133	2.99133	0.180901	3.27666	3.27666	0.0240905	9.46351	9.46351
cg00134787	MYH1	7.20E-06	0.672651	1.086	1.086	0.122655	1.38368	1.38368	1.35E-05	0.170768	-5.8559	9.73E-05	0.260564	-3.83782	6.20E-06	0.140557	-7.11453
cg00421089	MYH1	0.0016526	0.00131574	0.118502	-8.43868	0.108203	0.449543	-2.22448	0.0155168	0.258121	-3.87416	0.00859909	0.21678	-4.61298	0.000441341	0.0795274	-12.5743
cg14833286	MYH1	0.00437008	0.00233016	0.14479	-6.90655	0.328629	0.632327	-1.58146	0.110989	0.454148	-2.20193	0.00233319	0.144852	-6.9036	0.000522864	0.0855914	-11.6834
cg25650956	MYH1	0.00990846	0.0571822	0.310601	-3.21956	0.00240606	0.100517	-9.94858	0.0882774	0.35986	-2.77886	0.0473948	0.291534	-3.43013	0.00472517	0.130087	-7.68718
cg00933692	MYH1	0.017902	0.0137172	0.475008	-2.10523	0.00352212	0.380391	-2.62888	0.0148185	0.480787	-2.07992	0.0527206	0.583956	-1.71246	0.308263	0.772901	-1.29383
cg16842280	MYH1	0.035094	0.0404054	0.196659	-5.08493	0.00639123	0.087368	-11.4458	0.291482	0.471455	-2.12109	0.373587	0.533952	-1.87283	0.0670187	0.244069	-4.0972
cg01757806	MYH10	5.36E-06	0.000317391	0.554901	-1.80212	8.95E-06	0.378328	-2.64321	0.0054355	1.44688	1.44688	0.750563	1.03273	1.03273	0.00112332	0.616086	-1.62315
cg04897932	MYH10	4.45E-05	0.116795	0.719394	-1.39006	0.142169	0.73713	-1.35661	0.00990681	0.532714	-1.87718	0.0292744	0.608739	-1.64274	4.02E-06	0.126289	-7.91832
cg14616541	MYH10	0.000551061	0.0407331	0.767661	-1.30266	0.941411	1.00826	1.00826	4.14E-05	0.417107	-2.39747	0.823649	0.975328	-1.0253	0.369163	0.901919	-1.10875
cg25953958	MYH10	0.00245256	0.0432993	0.589151	-1.69736	0.600448	0.886663	-1.12782	0.0044762	0.421991	-2.36972	0.180929	0.723736	-1.38172	0.601429	0.886955	-1.12745
cg20482145	MYH10	0.00411558	0.00922637	0.456799	-2.18915	0.284689	0.768383	-1.30143	0.0896501	0.641721	-1.55831	0.285447	0.768726	-1.30085	0.0112332	0.470918	-2.12351
cg21289738	MYH10	0.00568201	0.230737	1.6071	1.6071	0.00707471	3.71876	3.71876	0.0240671	2.7604	2.7604	0.0051508	4.03133	4.03133	0.494304	0.76958	-1.29941
cg07257505	MYH10	0.00935014	0.354979	0.78092	-1.28054	0.58934	1.15214	1.15214	0.00922475	2.36052	2.36052	0.00780821	2.42892	2.42892	0.0259238	0.503011	-1.98803
cg10504606	MYH10	0.0137631	0.330802	0.898465	-1.11301	0.0387409	0.774619	-1.29096	0.00263435	0.641373	-1.55916	0.964138	1.00481	1.00481	0.0023625	0.63603	-1.57225
cg21871213	MYH10	0.0183381	0.0539205	4.9248	4.9248	0.0688031	4.40988	4.40988	0.495268	1.65619	1.65619	0.00695153	12.7352	12.7352	0.498322	1.65011	1.65011
cg20497713	MYH10	0.0209544	0.0664477	1.37838	1.37838	0.00686063	0.579354	-1.72606	0.218126	0.817116	-1.22382	0.577583	1.09168	1.09168	0.00744996	1.71134	1.71134
cg08493106	MYH10	0.0443066	0.108876	0.771907	-1.29549	0.00382651	0.561421	-1.7812	0.504569	0.904602	-1.10546	0.108211	0.771463	-1.29624	0.462967	0.895281	-1.11697
cg05211642	MYH10	0.0461734	0.896637	1.05299	1.05299	0.00997666	3.64221	3.64221	0.0444888	2.5011	2.5011	0.0731525	2.21201	2.21201	0.613837	0.816982	-1.22402
cg09553232	MYH11;MYH11;MYH11;MYH11	2.42E-06	0.0733827	0.735117	-1.36033	0.0114538	1.62852	1.62852	0.00076529	0.455803	-2.19393	1.05E-06	0.139622	-7.16221	3.39E-06	0.18495	-5.40687
cg04243181	MYH11;MYH11;MYH11;MYH11	0.000101298	0.136569	0.807913	-1.23776	0.00801585	0.636451	-1.57121	0.0694956	0.76336	-1.31	0.698331	0.949522	-1.05316	0.340782	0.877606	-1.13946
cg26515755	MYH11;MYH11;MYH11;MYH11	0.000161243	0.189881	0.732302	-1.36556	0.0354998	0.577364	-1.73201	0.000171484	0.238626	-4.19067	0.00754188	0.462346	-2.16288	4.37E-05	0.175523	-5.69727
cg00146612	MYH11;MYH11;MYH11;MYH11	0.000307384	0.0259981	1.57587	1.57587	1.46E-05	0.212028	-4.71636	0.526486	1.1168	1.1168	0.327734	0.840391	-1.18992	0.244673	0.811008	-1.23303
cg02220481	MYH11;MYH11;MYH11;MYH11	0.00082507	0.231188	0.64248	-1.55647	0.000388291	0.136275	-7.33811	0.0721245	0.493079	-2.02807	0.0159559	0.353644	-2.8277	0.0030627	0.239652	-4.17271
cg08214245	MYH11;MYH11;MYH11;MYH11	0.00351824	0.222541	0.780725	-1.28086	0.0178603	1.74359	1.74359	0.184063	0.761772	-1.31273	0.371828	0.837729	-1.1937	0.00565936	0.496066	-2.01586
cg02712322	MYH11;MYH11;MYH11;MYH11	0.00400732	0.12353	0.717413	-1.3939	0.413392	1.18113	1.18113	0.70238	1.07943	1.07943	0.789709	0.948179	-1.05465	0.00100333	0.378241	-2.64382
cg09650189	MYH11;MYH11;MYH11;MYH11	0.00516741	0.00127884	0.275493	-3.62985	0.0316574	0.500817	-1.99674	0.0571816	0.553978	-1.80513	0.150157	1.52718	1.52718	0.00185519	0.297421	-3.36224
cg27174420	MYH11;MYH11;MYH11;MYH11	0.00588666	0.00107203	0.385551	-2.59369	0.374777	1.19683	1.19683	0.0371181	1.61178	1.61178	0.682949	1.08437	1.08437	0.0019611	0.421786	-2.37087
cg00425764	MYH11;MYH11;MYH11;MYH11	0.00700615	0.0161523	0.323903	-3.08734	0.000469939	0.121795	-8.2105	0.0245705	0.358537	-2.78911	0.193322	0.590207	-1.69432	0.0346328	0.389239	-2.56911
cg02000328	MYH11;MYH11;MYH11;MYH11	0.00817811	0.00934408	3.21789	3.21789	0.00382525	3.98441	3.98441	0.806324	0.916598	-1.09099	0.0687522	2.05896	2.05896	0.733362	0.885834	-1.12888
cg01223135	MYH11;MYH11;MYH11;MYH11	0.0178298	0.0216082	0.476096	-2.10042	0.0948131	0.61023	-1.63873	0.0978342	0.613483	-1.63004	0.0434321	0.535354	-1.86792	0.0331858	0.511787	-1.95394
cg00359911	MYH11;MYH11;MYH11;MYH11	0.0192272	0.210873	1.16567	1.16567	0.923372	0.988875	-1.01125	0.0062796	0.661001	-1.51286	0.534883	0.929527	-1.07582	0.149066	0.835334	-1.19713
cg07090758	MYH11;MYH11;MYH11;MYH11	0.0192424	0.709794	1.0916	1.0916	0.0328421	0.556929	-1.79556	0.00829334	0.453233	-2.20637	0.106549	0.661533	-1.51164	0.0109456	0.472962	-2.11433
cg05426160	MYH11;MYH11;MYH11;MYH11	0.0199685	0.647693	0.837344	-1.19425	0.086633	2.07558	2.07558	0.0050107	0.238669	-4.1899	0.61665	0.823049	-1.21499	0.0548719	0.43167	-2.31659
cg16733756	MYH11;MYH11;MYH11;MYH11	0.0282231	0.0665334	0.797928	-1.25325	0.00160397	0.608641	-1.64301	0.364194	0.902755	-1.10772	0.0447625	0.776658	-1.28757	0.37947	0.905816	-1.10398
cg08891096	MYH11;MYH11;MYH11;MYH11	0.0335078	0.698418	1.08549	1.08549	0.0170243	1.84595	1.84595	0.103248	1.45569	1.45569	0.374771	1.2116	1.2116	0.070689	1.53042	1.53042
cg26509569	MYH11;MYH11;MYH11;MYH11	0.0411006	0.405772	1.29838	1.29838	0.976721	1.009	1.009	0.411239	0.772632	-1.29428	0.334449	1.35744	1.35744	0.606859	0.852703	-1.17274
cg09457490	MYH11;MYH11;MYH11;MYH11	0.0432407	0.777558	0.940785	-1.06294	0.00973422	0.494257	-2.02324	0.0803341	0.658307	-1.51905	0.509038	1.15531	1.15531	0.565141	0.882212	-1.13352
cg02673453	MYH11;MYH11;NDE1;NDE1;MYH11;MYH11	0.00299951	0.793073	0.913456	-1.09474	0.110449	0.549402	-1.82016	0.389721	0.738241	-1.35457	0.00110293	0.190858	-5.2395	0.000113563	0.0969717	-10.3123

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26441142	0.0332231	0.782789	-1.27748	0.00347513	0.676908	-1.47731	0.0303689	1.28454	1.28454	0.0268677	1.29426	1.29426	7.6639	1.17488	0.136267	1
cg10340053	0.467886	1.08516	1.08516	0.018204	0.728185	-1.37328	0.382032	0.905568	-1.10428	0.480281	0.923682	-1.08262	6.69997	1.29898	0.172336	1
cg03003858	0.259012	1.62533	1.62533	0.00687268	0.236093	-4.23561	0.636977	0.821954	-1.21661	0.205295	0.57627	-1.7353	6.22781	16.7799	2.39497	1
cg10832291	0.751309	1.10646	1.10646	?	?	?	0.00611813	3.28125	3.28125	0.00873959	3.01875	3.01875	7.18609	10.0177	1.21979	1
cg17505251	0.00479902	1.45747	1.45747	0.0485986	1.2545	1.2545	0.523801	1.06719	1.06719	0.0022357	1.53862	1.53862	6.10042	0.978769	0.142616	1
cg03498895	0.00698098	1.57703	1.57703	0.174939	0.828326	-1.20725	0.871923	0.979157	-1.02129	0.000640221	1.98228	1.98228	5.30681	1.43248	0.23994	1
cg13244804	0.00734854	2.92316	2.92316	0.336607	1.36012	1.36012	0.79876	1.08254	1.08254	0.00664839	0.335072	-2.98443	5.1213	7.81732	1.35683	1
cg15801573	0.582801	0.941941	-1.06164	0.00381997	0.656709	-1.52274	0.653509	0.95245	-1.04992	0.829513	1.02352	1.02352	4.40653	0.811298	0.163656	1
cg05927173	0.0455053	0.722752	-1.3836	0.220153	0.83318	-1.20022	0.725924	1.05109	1.05109	0.112105	1.27751	1.27751	3.45611	1.09699	0.282138	1
cg23187103	0.239803	0.523714	-1.90944	0.00205452	0.102076	-9.79661	0.798221	1.1441	1.1441	0.377875	0.621599	-1.60875	6.94574	23.6269	3.88758	1
cg27207274	0.397077	0.917669	-1.08972	0.101591	0.837286	-1.19434	0.226877	0.881872	-1.13395	0.0282942	1.29247	1.29247	5.35161	0.832066	0.138204	1
cg00611675	0.768175	1.04462	1.04462	0.00161943	0.513055	-1.94911	0.134358	1.26926	1.26926	0.125196	1.27778	1.27778	4.51678	1.56053	0.307108	1
cg03076047	0.0160776	0.451446	-2.21511	0.92501	1.02574	1.02574	0.184467	0.683843	-1.46232	0.00854661	0.404222	-2.47389	3.72332	3.82028	1.02604	1
cg24441975	0.00579723	1.08004	1.08004	2.44E-08	0.643536	-1.55391	0.0707284	1.04396	1.04396	5.85E-05	0.853357	-1.17184	84.989	0.610945	0.0063898	1
cg26344250	0.267303	1.24631	1.24631	0.841092	0.962473	-1.03899	0.31881	0.82176	-1.2169	7.55E-05	0.254509	-3.92914	24.3523	14.0015	0.511071	1
cg03731661	0.966957	0.986046	-1.01415	0.00123504	0.201438	-4.96432	0.717325	1.13127	1.13127	0.0922912	0.533361	-1.8749	9.22061	16.8054	1.62009	1
cg08273200	0.630172	1.05088	1.05088	0.117539	1.18993	1.18993	0.0601936	0.805051	-1.24216	0.0217171	1.3256	1.3256	7.1098	1.17836	0.147322	1
cg17027776	0.00507373	0.711731	-1.40503	0.18228	0.878149	-1.13876	0.5902	0.951319	-1.05117	0.105695	1.17613	1.17613	3.65672	0.487973	0.118618	1
cg08483281	0.0307075	1.53494	1.53494	0.0456884	0.679252	-1.47221	0.0527858	0.689611	-1.45009	0.77004	0.951721	-1.05073	3.4405	1.55287	0.4012	1
cg10035591	8.68E-06	0.404011	-2.47518	0.187466	1.13998	1.13998	0.168017	0.871281	-1.14774	0.579348	0.948842	-1.05392	19.2394	2.67998	0.123819	1
cg23269605	0.789351	1.04091	1.04091	0.815346	1.03565	1.03565	0.034806	0.691859	-1.44538	0.0125905	0.628398	-1.59135	8.8389	3.13865	0.31564	1
cg09009788	0.10475	0.456327	-2.19141	0.0444026	0.360014	-2.77767	0.785166	1.12852	1.12852	0.00402658	0.180939	-5.52673	5.48903	17.0214	2.75644	1
cg23272193	0.0859098	0.704449	-1.41955	0.000639271	0.379945	-2.63196	0.849265	0.965487	-1.03575	0.950276	1.01158	1.01158	4.5749	2.46901	0.47972	1
cg26169439	0.481257	1.28765	1.28765	0.926234	1.03324	1.03324	0.567325	1.22653	1.22653	0.574735	1.22166	1.22166	4.11772	8.13401	1.75588	1
cg03027750	0.1673	0.507671	-1.96978	0.00289993	0.151765	-6.58913	0.0414212	0.338533	-2.95392	0.247306	0.572884	-1.74556	3.88973	13.0654	2.98572	1
cg01063243	0.19052	0.547158	-1.82763	0.35809	0.662919	-1.50848	0.796552	1.11894	1.11894	0.529988	0.758242	-1.31884	4.60605	13.804	2.66393	1
cg20568840	0.176389	1.1698	1.1698	4.08E-05	0.425632	-2.34945	0.0130136	0.714455	-1.39967	2.04E-07	0.178807	-5.59262	129.589	24.4375	0.167624	1
cg01562897	0.352478	0.601081	-1.66367	0.000777172	0.0668483	-14.9592	0.00732713	0.158937	-6.29179	0.00994764	0.176926	-5.65209	5.87143	26.32	3.98465	1
cg24051749	0.0431869	0.386228	-2.58914	0.505215	0.758417	-1.31854	0.163797	1.83626	1.83626	0.00704298	0.240576	-4.15669	4.2385	11.2289	2.35491	1
cg12792157	0.938315	1.01293	1.01293	0.00273221	1.98709	1.98709	0.0304114	0.655501	-1.52555	0.538197	0.901713	-1.109	6.49101	2.83289	0.38794	1
cg09404642	0.0210797	1.40989	1.40989	0.317266	0.879842	-1.13657	0.266971	1.15396	1.15396	2.32E-08	13.1693	13.1693	54.3517	13.1984	0.215852	1
cg27403810	0.490415	1.15787	1.15787	0.44835	0.850712	-1.17549	0.158828	0.729687	-1.37045	1.75E-07	29.0015	29.0015	34.7636	24.1075	0.616417	1
cg01697487	0.82641	1.05432	1.05432	2.25E-05	0.129315	-7.73305	0.0397291	1.77298	1.77298	0.00439528	0.400163	-2.49898	17.4728	16.0501	0.816514	1
cg20120165	0.159299	1.31984	1.31984	0.00583244	1.94656	1.94656	0.295835	1.22141	1.22141	0.0261623	0.614597	-1.62708	10.8509	5.85013	0.479231	1
cg09265274	0.713135	1.13969	1.13969	0.571309	1.22456	1.22456	0.5552	1.2353	1.2353	2.19E-05	20.4817	20.4817	9.85808	19.5773	1.76526	1
cg03611598	0.0563903	1.66851	1.66851	0.103935	1.52396	1.52396	0.396598	1.22839	1.22839	3.64E-05	6.58243	6.58243	8.98588	7.99139	0.790513	1
cg22571038	0.429111	1.5561	1.5561	0.0809813	0.346479	-2.88617	0.050255	0.294449	-3.39618	0.000467877	20.3478	20.3478	6.96505	33.1032	4.22468	1
cg20138264	0.992576	1.00287	1.00287	0.613568	0.854797	-1.16987	0.499255	0.809512	-1.23531	0.00020093	6.83764	6.83764	5.3838	8.09428	1.3364	1
cg03168497	0.0696478	2.23807	2.23807	0.861164	1.07198	1.07198	0.986273	1.00685	1.00685	0.00425804	4.56614	4.56614	4.61091	11.5124	2.21935	1
cg22290782	0.127523	0.637104	-1.5696	0.0548263	0.551112	-1.81451	0.00583259	0.372455	-2.68489	0.0461049	0.535129	-1.86871	15.0593	17.8513	1.05369	1
cg02593766	0.41138	1.50888	1.50888	0.0607163	0.355041	-2.81658	0.659042	0.804555	-1.24292	0.683595	0.818174	-1.22223	5.78151	21.9618	3.37655	1
cg02788401	0.54993	1.1012	1.1012	0.0173342	0.630125	-1.58699	0.884958	1.02334	1.02334	1.39E-07	14.0349	14.0349	35.6504	14.3396	0.357536	1
cg00295382	0.428084	0.690856	-1.44748	0.050885	2.76397	2.76397	0.671778	0.822989	-1.21508	0.51908	0.741726	-1.34821	4.16817	13.7931	2.94147	1
cg20462899	?	?	?	3.58E-06	0.0119833	-83.4495	0.923594	0.961717	-1.03981	0.0901114	0.467632	-2.13843	16.8925	39.3768	2.33103	1
cg08063724	0.658677	1.10683	1.10683	0.000363311	3.68703	3.68703	0.0111349	2.06797	2.06797	0.00788123	2.17776	2.17776	13.3297	11.0056	0.733912	1
cg11653406	0.662038	1.33397	1.33397	?	?	?	0.565027	1.46388	1.46388	0.675061	1.31815	1.31815	7.83984	47.3754	6.0429	1
cg23922040	0.562293	1.15942	1.15942	9.07E-05	0.170889	-5.85176	0.403093	1.24115	1.24115	0.868784	1.04263	1.04263	7.63878	7.71237	0.897452	1
cg04023370	0.310219	1.37591	1.37591	0.806789	1.07731	1.07731	0.614854	0.857112	-1.16671	0.79888	0.925339	-1.08069	6.91402	10.114	1.30028	1
cg27650434	0.556598	1.1762	1.1762	0.0101816	0.412946	-2.42163	0.498209	1.20644	1.20644	0.491393	0.826334	-1.21016	4.20009	4.95548	1.04876	1
cg17514654	0.0271957	2.00955	2.00955	0.0834204	0.599533	-1.66797	0.440352	1.23378	1.23378	0.42646	1.24209	1.24209	3.88131	4.38146	1.00343	1
cg16163765	0.440451	1.29265	1.29265	0.156606	0.609938	-1.63951	0.151838	0.605949	-1.6503	0.0820378	0.533297	-1.87513	3.81288	6.42905	1.49879	1
cg22311507	0.340892	0.738677	-1.35377	0.937272	1.02459	1.02459	0.875428	0.952737	-1.04961	0.381995	1.31878	1.31878	5.8206	8.7802	1.34086	1
cg07083806	0.815787	1.04132	1.04132	3.73E-06	0.15315	-6.52957	0.000242779	0.348926	-2.86593	0.0810468	0.714897	-1.3988	19.1491	9.12963	0.423792	1
cg10429747	0.19495	1.24457	1.24457	0.00148776	0.481304	-2.07769	0.311134	0.845999	-1.18203	0.827002	0.965672	-1.03555	9.76908	3.94065	0.35856	1
cg20431766	0.0475864	1.54784	1.54784	0.00749282	0.514947	-1.94195	0.00258753	0.447059	-2.23684	0.925393	0.982103	-1.01822	6.12402	3.60558	0.523343	1
cg07468260	0.105835	0.858344	-1.16503	0.0446497	0.819268	-1.2206	0.392546	1.07868	1.07868	0.0797918	1.18307	1.18307	3.95755	0.468662	0.105264	1
cg17519750	0.674042	0.919914	-1.08706	0.299791	0.808936	-1.23619	0.0504582	1.55258	1.55258	0.730722	1.07055	1.07055	3.76293	2.32051	0.548156	1
cg08884624	0.0174674	1.40584	1.40584	0.00641228	0.658674	-1.5182	0.265325	0.872256	-1.14645	0.0358424	1.33309	1.33309	4.85887	1.06674	0.195152	1
cg08548888	0.523527	0.854479	-1.1703	0.0364339	0.553486	-1.80673	0.546461	0.862035	-1.16005	0.00354465	0.382345	-2.61544	9.39004	8.79985	0.83302	1
cg01351089	0.00522683	0.359143	-2.78441	0.0024529	0.309989	-3.22593	0.766004	0.920396	-1.08649	0.041062	0.519336	-1.92554	7.79081	9.53185	1.08753	1
cg26697158	0.0164284	0.649451	-1.53976	0.000185684	0.394889	-2.53236	0.127724	1.27433	1.27433	0.000930329	0.483072	-2.07009	15.1627	5.20371	0.30506	1
cg05243389	0.0104066	0.563911	-1.77333	0.00430095	0.507659	-1.96983	0.18699	0.780081	-1.28192	0.113151	1.35818	1.35818	11.4022	5.69383	0.443878	1
cg09704159	0.0106678	0.712341	-1.40382	0.000306812	0.53829	-1.85773	0.223378	0.873556	-1.14475	0.0933032	1.21539	1.21539	9.2325	1.6327	0.157193	1
cg22700091	0.000829807	0.197041	-5.07509	0.295291	1.41948	1.41948	0.446644	1.28447	1.28447	0.0265505	0.428036	-2.33625	5.35228	8.82975	1.46642	1
cg03297593	0.226154	1.14205	1.14205	0.00332784	1.51847	1.51847	0.443359	1.08511	1.08511	0.0434635	1.27467	1.27467	4.13632	0.715559	0.153772	1
cg24497836	0.232587	0.856969	-1.1669	0.101966	0.801937	-1.24698	0.261973	0.865688	-1.15515	0.211949	1.17601	1.17601	3.95467	0.952312	0.21405	1
cg24657523	0.642243	1.21893	1.21893	0.0518749	0.392142	-2.5501	0.22417	1.7166	1.7166	0.0824031	2.25728	2.25728	3.60665	10.2287	2.52094	1
cg23746050	0.0673829	1.34588	1.34588	0.00138073	1.9586	1.9586	0.702818	0.945961	-1.05713	0.194659	0.819689	-1.21997	11.2579	3.74501	0.295694	1
cg20363347	0.142902	0.636907	-1.57009	0.0872638	1.7176	1.7176	0.000379407	0.19659	-5.08674	0.0442827	0.515845	-1.93857	7.57597	9.8488	1.15556	1
cg08759026	0.953197	1.01641	1.01641	0.0654143	1.77471	1.77471	0.00143923	0.278625	-3.58906	0.0736468	0.575137	-1.73872	6.30811	7.6867	1.08315	1
cg01929367	0.0430725	0.359852	-2.77892	0.254827	0.593305	-1.68547	0.232039	1.73387	1.73387	0.0241165	0.306995	-3.25738	6.94285	21.2004	2.71428	1
cg01159793	0.131544	1.45353	1.45353	0.948341	1.015	1.015	0.0621311	0.617262	-1.62006	0.0103739	0.476339	-2.09934	5.82615	4.86989	0.742994	1
cg21565078	0.130436	0.741301	-1.34898	0.204318	1.27825	1.27825	0.831707	1.03977	1.03977	0.127623	0.739405	-1.35244	4.55154	2.42121	0.472849	1
cg00015603	0.123323	1.27939	1.27939	0.0347686	1.43795	1.43795	0.873653	0.976784	-1.02377	0.158273	0.800411	-1.24936	4.34408	1.49889	0.306705	1
cg22062537	0.00378529	0.175821	-5.6876	0.224808	1.76354	1.76354	0.0110564	4.12891	4.12891	0.124648	0.477239	-2.09538	14.9612	46.916	2.78741	1
cg22641902	0.0515249	0.58865	-1.6988	0.179888	0.711386	-1.40571	0.915868	1.02559	1.02559	0.000431532	0.264137	-3.78592	12.8618	11.6445	0.804762	1
cg13749477	0.00555607	0.316275	-3.16181	0.772518	0.912476	-1.09592	0.0175014	2.49387	2.49387	0.0530045	0.499163	-2.00336	12.5749	19.8868	1.40575	1
cg20221591	0.00367597	0.241098	-4.14769	0.295895	0.675271	-1.48089	0.17045	1.69693	1.69693	0.00899845	0.300249	-3.33057	12.2946	25.5523	1.8474	1
cg22009489	0.631405	0.953022	-1.04929	0.390385	1.09157	1.09157	0.00135285	1.58927	1.58927	0.832206	1.02135	1.02135	11.4813	1.80194	0.139507	1
cg19757382	0.00546275	0.280759	-3.56177	0.481432	0.779787	-1.2824	0.172033	1.65751	1.65751	0.0111024	0.330622	-3.0246	9.55991	18.2938	1.70097	1
cg26154534	0.00458999	0.154478	-6.47341	0.183178	0.497039	-2.01192	0.600296	1.29914	1.29914	0.00333189	0.138358	-7.22763	9.2001	35.7011	3.44934	1
cg20800816	0.000317401	0.23018	-4.34443	0.49422	0.839578	-1.19107	0.969074	0.990283	-1.00981	0.0395911	0.549094	-1.82118	8.09191	8.13084	0.893166	1
cg19638398	0.0065129	0.471465	-2.12105	0.0123665	0.515681	-1.93919	0.00798738	2.06062	2.06062	0.338472	0.810726	-1.23346	7.66413	5.48926	0.636646	1
cg26306091	0.119048	0.61875	-1.61616	0.0297509	0.483914	-2.06648	0.592762	0.857966	-1.16555	0.000840576	0.240455	-4.15878	7.33043	9.3479	1.13353	1
cg21300895	0.0198128	0.351999	-2.84092	0.129147	0.544126	-1.83781	0.417824	1.35973	1.35973	0.00993847	0.298644	-3.34847	6.97297	15.212	1.93917	1
cg07628769	0.0510922	0.360073	-2.77722	0.629724	0.799834	-1.25026	0.0372265	3.04005	3.04005	0.342941	0.638128	-1.56708	6.4093	21.4579	2.97595	1
cg12495591	0.311156	0.709292	-1.40986	0.198127	0.640277	-1.56182	0.79584	0.918518	-1.08871	0.00197108	0.238478	-4.19326	5.83928	9.9374	1.51273	1
cg06717460	0.17359	1.70278	1.70278	0.760353	1.11904	1.11904	0.870164	0.941635	-1.06198	0.0017555	0.194161	-5.15036	5.51407	11.8029	1.90267	1
cg15077087	0.000339031	0.213452	-4.68489	0.461158	1.2222	1.2222	0.833327	1.05798	1.05798	0.484887	0.827105	-1.20904	5.4407	6.16333	1.00695	1
cg20783424	0.304867	0.48346	-2.06842	0.799705	1.18995	1.18995	0.015754	7.56793	7.56793	0.680337	1.3276	1.3276	4.40377	32.6325	6.58677	1
cg17106011	0.969435	1.01111	1.01111	0.731416	0.905454	-1.10442	0.785795	0.924479	-1.08169	0.433282	0.794141	-1.25922	4.20538	5.53417	1.16975	1
cg10868277	4.72E-05	0.418506	-2.38945	2.00E-09	0.0397877	-25.1334	0.570422	0.936951	-1.06729	0.0211428	0.72991	-1.37003	107.261	21.9092	0.181565	1
cg04524478	0.0716428	0.588058	-1.70051	5.43E-05	0.137298	-7.28341	0.0136081	2.23843	2.23843	0.870087	0.957715	-1.04415	13.254	14.6257	0.980885	1
cg10513852	0.134108	0.40844	-2.44834	0.0151873	0.191492	-5.22215	0.00892767	6.31976	6.31976	0.150315	2.35038	2.35038	4.72227	22.9745	4.32457	1
cg21126707	0.139625	0.568203	-1.75993	0.838669	1.07519	1.07519	0.0023273	4.53588	4.53588	0.0167096	2.82599	2.82599	4.51795	9.04863	1.78028	1
cg26998717	0.61032	1.22357	1.22357	0.154045	0.549324	-1.82042	0.00335105	4.79285	4.79285	0.0294445	2.73674	2.73674	3.98381	9.72431	2.16974	1
cg14067873	0.662881	1.31818	1.31818	0.22538	0.44849	-2.2297	0.00605366	9.56139	9.56139	0.0168523	6.27394	6.27394	3.60923	22.6719	5.5837	1
cg06376520	0.756124	1.19281	1.19281	0.203406	0.467768	-2.13781	0.00395056	8.97115	8.97115	0.0253796	4.49932	4.49932	4.71433	23.9136	4.50891	1
cg08352786	3.17E-05	0.207603	-4.81688	1.06E-07	0.0357882	-27.9422	0.979076	1.0051	1.0051	6.16E-05	0.238497	-4.19293	54.7106	32.6004	0.529662	1
cg25178519	0.108363	0.835348	-1.19711	2.48E-07	0.20592	-4.85627	0.234631	1.13651	1.13651	0.0802682	1.22055	1.22055	34.2854	5.72861	0.148521	1
cg26711820	0.562796	1.24641	1.24641	0.00230357	0.201185	-4.97055	0.278969	1.52772	1.52772	0.435976	0.741408	-1.34879	3.96869	8.90867	1.99532	1
cg25176746	0.997742	1.00186	1.00186	0.01801	0.151116	-6.61742	0.0220436	6.08425	6.08425	0.163515	2.65874	2.65874	3.60703	24.7025	6.08751	1
cg22344727	0.45581	1.8862	1.8862	0.448263	0.524323	-1.90722	0.00906614	15.9685	15.9685	0.0292934	8.54317	8.54317	3.4074	37.6656	9.82584	1
cg00134787	0.536755	1.12912	1.12912	2.28E-06	0.10653	-9.38707	0.000283216	0.316147	-3.16308	3.42E-05	0.210698	-4.74613	44.1714	26.3668	0.530596	1
cg00421089	0.0365439	0.330039	-3.02995	0.000339049	0.0717611	-13.9351	0.0212588	0.282748	-3.53672	0.0029489	0.155303	-6.43902	10.1908	33.5935	2.93013	1
cg14833286	0.810967	0.896798	-1.11508	0.955461	1.02571	1.02571	0.0487107	0.359367	-2.78267	0.0075123	0.20929	-4.77806	7.64532	25.0224	2.90925	1
cg25650956	0.0490761	0.294983	-3.39002	0.00188583	0.0912651	-10.9571	0.0695557	0.331867	-3.01326	0.0171781	0.206405	-4.84485	5.92802	27.7236	4.15707	1
cg00933692	0.0352021	0.549235	-1.82071	0.657154	0.896625	-1.11529	0.00878177	0.442544	-2.25966	0.0237619	0.517247	-1.93331	4.88408	4.61559	0.840024	1
cg16842280	0.109743	0.301881	-3.31256	0.00779435	0.0956851	-10.4509	0.0129826	0.120294	-8.31298	0.136721	0.332444	-3.00802	3.86338	28.8747	6.6435	1
cg01757806	2.69E-07	0.214827	-4.65492	0.0607696	1.23799	1.23799	0.258072	1.12658	1.12658	0.00129291	0.622827	-1.60558	47.6689	7.70042	0.143591	1
cg04897932	0.0185064	0.575734	-1.73691	2.79E-06	0.113969	-8.77429	0.790809	0.949913	-1.05273	0.00166048	0.419061	-2.38629	27.4483	16.2404	0.525931	1
cg14616541	0.918762	0.988646	-1.01148	0.00076003	1.77028	1.77028	0.00939326	1.44568	1.44568	0.23002	1.15137	1.15137	13.9097	2.75971	0.176358	1
cg25953958	0.00551044	0.435851	-2.29436	0.0138828	0.500619	-1.99753	0.107578	1.49142	1.49142	0.000135571	0.222296	-4.4985	9.08309	7.45306	0.729371	1
cg20482145	0.678419	1.1039	1.1039	0.0268609	0.537089	-1.86189	0.000573037	3.53976	3.53976	0.514512	0.854954	-1.16965	7.78531	6.93032	0.79127	1
cg21289738	0.00314726	4.58613	4.58613	0.00259206	4.83165	4.83165	0.00953257	3.45232	3.45232	0.0176699	2.97127	2.97127	7.05659	15.9147	2.0047	1
cg07257505	0.0231264	2.0254	2.0254	0.018728	2.0967	2.0967	0.0383452	1.86577	1.86577	0.0625509	1.72405	1.72405	6.03869	6.45901	0.950759	1
cg10504606	0.0159653	0.729936	-1.36998	0.959586	1.00542	1.00542	0.577725	1.06184	1.06184	0.0805083	0.813152	-1.22978	5.32967	0.960959	0.16027	1
cg21871213	0.00678409	12.8872	12.8872	0.00407357	16.5948	16.5948	0.0238695	7.1293	7.1293	0.0299009	6.43295	6.43295	4.84469	40.7307	7.47314	1
cg20497713	0.503232	0.899499	-1.11173	0.0787705	1.35576	1.35576	0.906588	1.01847	1.01847	0.394059	0.872749	-1.1458	4.63046	1.78266	0.342209	1
cg08493106	0.0188848	0.65637	-1.52353	0.0341024	0.69341	-1.44215	0.499182	0.903418	-1.10691	0.391143	1.13893	1.13893	3.54606	1.23116	0.308615	1
cg05211642	0.38428	0.701597	-1.42532	0.036875	0.38172	-2.61972	0.330936	1.48963	1.48963	0.542441	1.27756	1.27756	3.49165	8.72759	2.22183	1
cg09553232	0.050832	0.709689	-1.40907	2.65E-07	0.0951785	-10.5066	0.00847741	0.595719	-1.67864	0.000183772	0.377427	-2.64952	58.496	22.0108	0.334471	1
cg04243181	0.000881665	0.51532	-1.94054	1.51E-06	0.197908	-5.05285	0.0321337	1.39627	1.39627	0.435749	0.899649	-1.11154	22.0643	6.18076	0.249	1
cg26515755	0.00298714	0.400937	-2.49416	1.73E-05	0.138657	-7.21205	0.00274142	0.395476	-2.5286	0.00288651	0.398752	-2.50782	19.4735	15.5293	0.708851	1
cg00146612	0.211782	0.797392	-1.25409	0.00135337	2.22772	2.22772	0.00541595	0.532589	-1.87762	0.814733	1.04123	1.04123	16.341	7.66737	0.417076	1
cg02220481	0.0936212	0.522284	-1.91467	3.10E-05	0.0570483	-17.529	0.646341	1.17675	1.17675	0.276993	0.671465	-1.48928	12.4237	24.4172	1.747	1
cg08214245	0.00137211	0.407954	-2.45126	0.109179	1.40117	1.40117	0.0199892	0.581482	-1.71974	0.00451514	0.481524	-2.07674	8.1611	4.81971	0.524952	1
cg02712322	0.581234	1.11729	1.11729	0.000963911	0.375891	-2.66034	0.250515	0.787383	-1.27003	0.00177894	0.412455	-2.42451	7.84816	4.92618	0.557943	1
cg09650189	0.0727002	0.577176	-1.73258	0.0092676	0.403991	-2.4753	0.361355	1.29377	1.29377	0.0870417	0.595295	-1.67984	7.26511	8.66963	1.06073	1
cg27174420	0.315804	1.22699	1.22699	0.973498	1.00657	1.00657	0.154844	1.35028	1.35028	0.283618	0.802746	-1.24572	6.98011	4.30064	0.547669	1
cg00425764	0.308509	0.667818	-1.49741	0.00177611	0.18186	-5.49875	0.0299739	0.376038	-2.6593	0.272999	0.645965	-1.54807	6.61331	15.3685	2.06567	1
cg02000328	0.0831774	1.97394	1.97394	0.00308227	4.20439	4.20439	0.0154492	2.86748	2.86748	0.00495294	3.74055	3.74055	6.30031	12.5418	1.76948	1
cg01223135	0.00120962	0.279436	-3.57864	0.132036	0.645761	-1.54856	0.00936869	0.412131	-2.42641	0.0467973	0.54207	-1.84478	4.89072	5.60627	1.01894	1
cg00359911	0.122266	1.215	1.215	0.126977	0.82536	-1.21159	0.0196604	1.38778	1.38778	0.0292722	0.741835	-1.34801	4.76785	1.02105	0.190358	1
cg07090758	0.796349	1.06252	1.06252	0.172695	0.711579	-1.40532	0.0444475	1.71806	1.71806	0.0464017	0.585709	-1.70733	4.76658	4.15031	0.773964	1
cg05426160	0.0904495	0.486851	-2.05402	0.00492451	0.23758	-4.2091	0.0849089	0.479456	-2.0857	0.0798116	0.472339	-2.11712	4.70708	11.0983	2.09581	1
cg16733756	0.210707	0.865288	-1.15569	0.242958	0.874541	-1.14346	0.922301	1.01076	1.01076	0.0786861	1.23894	1.23894	4.17609	0.796135	0.169459	1
cg08891096	0.162521	1.36909	1.36909	0.00575251	0.466468	-2.14377	0.58973	1.12153	1.12153	0.678535	1.09178	1.09178	3.92842	2.76184	0.624925	1
cg26509569	0.335628	1.35637	1.35637	0.00159407	0.248878	-4.01803	0.946313	0.979538	-1.02089	0.0475569	0.49872	-2.00513	3.64643	5.44296	1.32683	1
cg09457490	0.118393	1.44105	1.44105	0.00708017	0.472366	-2.117	0.514934	0.867352	-1.15293	0.906243	0.974927	-1.02572	3.57841	2.63243	0.653905	1
cg02673453	0.106626	0.545195	-1.83421	0.307125	1.43911	1.43911	0.571254	1.21776	1.21776	0.215721	0.638503	-1.56616	8.55857	16.0698	1.669	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	SS(Test)	SS(Error)	
cg01778790	MYH11;MYH11;NDE1;MDE1;MYH11;M	0.00437952	0.0564176	0.737488	-1.35595	0.0754482	1.3218	1.3218	0.0635235	0.745195	-1.34193	0.951758	0.991507	-1.00857	0.767394	0.950948	-1.0427		0.000409291	0.4153723	-2.20618	0.0441163	1.71967	0.71967	0.897858	0.982058	-1.01827	0.768865	0.959489	-1.04222	0.57343	2.4047	0.279767	1
cg06051496	MYH11;MYH11;NDE1;MDE1;MYH11;M	0.00460049	0.142535	0.819057	-1.22092	0.0776943	1.28183	1.28183	0.0957525	1.26073	1.26073	0.00103059	1.85107	1.85107	0.877598	0.980673	-1.01971		0.885221	0.981876	-1.01846	0.000972995	1.8616	1.8616	0.0648435	0.769075	-1.30026	0.143244	1.22042	1.22042	7.52708	1.911553	0.225736	1
cg16386079	MYH11;MYH11;NDE1;MDE1;MYH11;M	0.00771955	0.179434	0.661081	-1.51267	0.0459431	1.94246	1.94246	0.0296177	0.475566	-2.10276	0.0177318	0.433033	-2.30929	0.000962213	0.240049	-4.16582		0.427294	0.790379	-1.26522	0.020448	2.04905	-2.25782	0.707495	0.896369	-1.11561	0.0150614	0.420157	-2.38206	0.6157	8.55966	1.18593	1
cg06467587	MYH11;MYH11;NDE1;MDE1;MYH11;M	0.0177271	0.883722	1.02018	1.02018	0.987967	1.00206	1.00206	0.473928	0.905335	-1.10456	0.832904	0.971562	-1.02927	0.000372543	0.459587	-2.17587		0.419378	0.89345	-1.11926	0.0980701	1.2812	1.2812	1.02988	0.799782	-1.25034	0.702906	1.05372	1.05372	4.90022	1.44714	0.262508	1
cg01828111	YH11	0.000173523	0.0945587	0.750387	-1.33265	0.1113377	1.31127	1.31127	0.643404	0.929738	-1.07557	0.0952496	0.750924	-1.33169	2.13E-06	0.162143	-6.16739		0.713163	0.943934	-1.0594	0.00119423	0.476098	-2.10041	0.316861	0.850695	-1.17551	0.307762	0.847907	-1.17937	19.09112	7.384	0.343799	1
cg01312462	MYH13	0.000912161	0.000744441	0.251302	-3.97927	0.0459823	0.155057	0.155057	0.0268158	0.944119	0.891267	-1.01909	0.899386	1.0454	2.45E-06	0.210229	-2.08072		0.00493133	0.366198	-2.73976	0.241525	1.39198	1.39198	0.942279	1.02042	1.02042	0.0308383	0.504576	-1.98186	0.127068	13.3202	1.02457	1
cg01984289	MYH13	0.00280133	0.0266408	0.166707	-5.99855	0.6919773	0.15327	0.15327	0.747746	1.1225	1.1225	0.4036347	0.736354	-1.35804	0.000925783	0.170084	-5.87944		0.109725	0.615593	-1.62445	0.00442416	0.256578	-3.89746	0.0448589	2.28085	2.28085	0.0178048	0.356385	-2.80595	8.733174	17.74	1.80551	1
cg01245955	MYH13	0.00257807	0.0217801	0.433023	-2.31495	0.2732586	0.8998313	0.8998313	0.112358	0.552615	0.505098	-1.97996	0.360237	1.33987	1.93997E-07	0.000495282	4.183521	-4.4997	0.106563	0.653874	-2.78137	0.8838282	1.06563	1.06563	0.0534157	0.504658	-1.98032	0.00424137	0.304056	-3.28887	7.017242	10.7524	1.3627	1
cg02645331	MYH13	0.00805722	0.640019	1.22406	1.22406	0.140488	1.97502	1.97502	0.264049	0.64821	1.64821	0.335763	0.653095	-1.53117	0.028159	0.328675	-3.04252		0.0868492	0.444116	-2.25166	0.000385919	0.0879768	-11.3666	0.23522	0.586264	-1.70572	0.0266867	0.323968	-3.08672	6.329931	18.4692	2.59356	1
cg02249386	YH13	0.0140201	0.754689	1.09981	1.09981	0.924979	1.75422	1.75422	0.405894	0.772517	-1.29447	0.557202	0.835103	-1.19746	0.037193	0.0748734	0.545552	-1.83301		0.883111	0.956326	-1.04567	0.0062717	0.202771	-4.93113	0.480676	0.804455	-1.24308	0.012442	0.389031	-2.57049	2.29739	7.7299	1.29706	1
cg03182113	MYH13;MYH14	9.96E-06	0.591835	0.983835	-1.01643	0.0883893	1.59024	1.59024	0.1064	0.613607	1.33007	0.0877526	0.10838	1.00756E-12	1.16002	1.16002	1.160021	1.160021	0.151662	0.914492	-1.09355	2.42E-05	1.28817	1.28817	0.40614	0.58317	-1.71455	0.0127634	0.351873	0.0104834	0.0127634	1
cg02547403	MYH13;MYH14;MYH4	2.81E-05	0.0739072	0.824734	-1.21251	0.0306048	1.27856	1.27856	1.37E-06	0.303272	-3.29737	0.296967	0.900685	-1.11027	0.964998	1.00425	1.00425		8.01E-06	0.388694	-2.57272	0.409994	0.921727	-1.08492	0.0015406	0.643582	-1.5538	0.0205041	0.763344	-1.31003	30.984	4.5919	0.131735	1
cg01559714	MYH13;MYH14;MYH4	0.00123756	0.493237	1.11918	1.11918	0.0290830575	0.593254	0.593254	0.262355	0.6243405	0.633845	-1.62909	0.000884806	0.400924	-2.47353	0.0360255	1.55861	1.55861		0.00925358	1.82397	1.82397	0.000167525	0.20878	0.0160428	1.5546	1.5546	0.0910268	0.597204	-1.67447	17.8634	9.56263	0.466137	1
cg08155908	MYH13;MYH14;MYH4	0.000224057	0.000156077	0.307702	-3.2499	0.145923	1.32874	1.32874	0.0274859	0.62204	-1.60761	0.0312081	0.631091	-1.58456	1.79E-05	0.201241	-4.96917		0.000850 01	0.401365	-2.4915	0.347427	1.15061	1.19261	0.945163	0.987554	-1.0126	0.178133	0.52445	0.0125	0.466689	1
cg02022379	MYH13;MYH14;MYH4	0.000759263	0.111569	1.53935	1.53935	0.00316284	2.69921	2.69921	0.00323159	2.71811	2.71811	0.730354	0.917489	-1.08993	0.000480945	0.255829	-3.90886		0.525475	1.17368	1.17368	0.22047	1.37801	1.37801	0.000257483	4.47	4.47	0.547634	0.859458	-1.16352	12.7176	12.4784	0.872167	1
cg16251922	MYH13;MYH14;MYH4	0.0078463	0.864319	0.968876	-1.03191	0.0209747	2.38224	2.38224	0.0133483	2.98525	2.98525	0.121209	1.04244	1.04244	0.183483	0.770362	-1.29809	0.0126864	0.563972	-1.77314	0.0140978	0.731122	-1.75094	0.0015684	0.43181	-2.31583	0.96653	0.538496	0.481154	1
cg07636552	MYH13;MYH14;MYH4	0.00180528	0.0732094	0.791657	-1.26317	0.1143551	1.22241	1.22241	0.00333899	1.59533	1.59533	0.173954	0.844391	-1.18429	0.0414677	0.3166	3.16646		0.00851892	1.98081	1.98081	0.0060126	0.221274	2.12571	0.211134	1.45101	1.45101	0.6480669	1.05521	1.05521	0.933334	2.15121	0.192502	1
cg02217660	MYH13;MYH14;MYH4	0.124323	0.719454	-1.39188	0.0401574	0.131129	1.11039	1.11039	0.00553443	0.59271	-1.68731	0.0145771	0.285136	-1.42822	0.000459764	0.182023	-5.49546		0.0045851	0.472024	-2.11864	0.00229596	0.156441	-6.39167	0.0759754	0.938039	-1.06503	0.00554373	0.484746	-2.06293	0.587806	0.555803	1
cg01995228	MYH13;MYH14;MYH4	0.00337958	0.124444	1.666811	-1.49968	0.00140107	0.323914	-3.08724	0.0369906	0.554272	-1.80417	0.241418	0.74176	-1.34814	0.000486449	0.263959	-3.78846		0.931642	0.979317	-1.02112	0.0114453	0.325771	-3.06964	0.270105	1.3228	1.3228	0.315381	0.776544	-1.28776	8.25982	7.76368	0.835496	1
cg06553312	MYH13;MYH14;MYH4	0.00446474	0.0367529	1.365117	1.365517	0.0255538	0.171059	0.171059	0.010094	1.51656	1.51656	0.180393	0.606843	-1.64983	0.000268603	0.130139	3.30139		0.384926	0.892004	-1.12107	0.00313355	0.595595	-1.67899	0.189395	0.836649	-1.19524	0.267804	1.15962	1.15962	0.75983	1.98005	0.231713	1
cg18592742	MYH13;MYH14;MYH4	0.00527925	0.0864348	1.05304	1.05304	0.302892	1.02667	1.02667	0.627041	0.886727	-1.01345	0.0216648	0.078391	-1.07883	0.000278374	0.84987	-1.17665		0.222184	0.965597	-1.03561	0.0657441	1.05797	1.05797	0.871581	1.00442	1.00442	0.368389	0.975128	-1.02551	2.72165	0.085236	0.0104834	1
cg23973393	MYH13;MYH14;MYH4	0.0059448	0.00216432	5.07279	5.07279	0.0127245	3.21519	3.21519	0.00835903	3.56528	3.56528	0.00797412	3.60743	3.60743	0.139871	1.82073	1.82073		0.077704	2.09523	2.09523	0.00536403	3.98788	3.98788	0.00146846	5.65336	5.65336	0.0382872	2.47367	2.47367	0.958898	15.6849	2.00347	1
cg08691842	MYH13;MYH14;MYH4	0.0607119	0.961232	1.01932	1.01932	0.0439473	2.0089	2.0089	0.315459	0.753798	-1.32661	0.0102647	0.39096	-1.25734	0.227224	0.440837	-2.07334		0.00174433	0.296616	-3.3712	0.0285186	2.31996	2.31996	0.0808405	0.590282	-1.69411	0.0860224	0.955057	-1.67625	6.91393	8.41903	1.04382	1
cg21755725	MYH13;MYH14;MYH4	0.00621727	0.114838	2.06137	2.06137	0.3361	1.27621	1.27621	0.0241799	3.10774	3.10774	0.0497753	2.57042	2.57042	0.178024	0.780738	-1.28125		0.036044	2.79735	2.79735	0.00352039	5.309	5.309	0.00179774	0.51062	6.51062	0.00114557	7.51499	7.51499	0.86329	19.345	2.50544	1
cg00915509	MYH13;MYH14;MYH4	0.00767095	0.391912	0.782729	-1.27758	0.0296247	2.04447	2.04447	0.148817	1.541	1.541	0.743522	0.912384	-1.09603	0.000229319	0.181027	-5.52404		0.407729	1.26682	1.26682	0.230022	0.703482	-1.4215	0.593113	1.02443	1.02443	0.963606	1.01282	1.01282	6.42843	7.94103	1.09804	1
cg22891278	MYH13;MYH14;MYH4	0.03834078	0.2452641	1.76082	1.76082	0.0104061	2.58224	2.58224	0.0126126	2.82121	2.82121	0.0855257	-1.16924	0.0906029	0.0104411	0.3487657	2.86707	0.095119	-1.0049	0.9936217	1.00496	0.0808405	0.967627	1.03376	0.887605	-1.12659	0.626508	0.942794	-1.06068	6.2613	1.4307	0.203111	1
cg01558731	MYH13;MYH14;MYH4	0.00957323	0.0221878	1.49958	1.49958	0.0227655	0.543309	-1.84057	0.937736	1.01161	1.01161	0.357782	1.14999	1.1499	0.0268017	0.473524	1.47352		0.0107009	1.60651	1.60651	0.159217	0.800659	-1.24897	0.352008	0.867537	-1.15269	0.459459	1.11773	1.11773	0.59551	2.07292	0.307432	1
cg02192974	MYH13;MYH14;MYH4	0.010081	0.0087505	0.485363	-2.05999	0.1133138	1.7338	1.7338	0.373706	1.13016	1.13016	0.0753196	1.54696	1.54696	0.0037386	0.185511	-5.39107		0.0054851	0.522477	-1.91398	0.0024036	0.457787	-2.18442	0.0210858	0.954624	1.05424	0.0156554	1.95424	1.95424	0.799782	0.946201	0.156586	0.555803	4.99	1.06655	1
cg17889586	MYH13;MYH14;MYH4	0.0112938	0.30707	1.40768	1.40768	0.00247245	1.89973	1.89973	0.294508	1.42135	1.42135	0.330432	0.722688	-1.38372	0.480046	0.792812	-1.26133		0.2124311	1.52917	1.52917	0.00139384	4.47143	4.47143	0.0301166	2.28136	2.28136	0.463993	0.785813	-1.27257	5.68399	0.414576	0.147232	1
cg02163880	MYH13;MYH14;MYH4	0.0120404	0.0242389	0.682728	-1.46471	0.0168711	0.660877	-1.51314	0.0750314	0.754519	-1.32535	0.10021	1.2916	1.2916	0.114308	0.718514	-1.39176	0.0010022	0.275052	-3.63567		0.0112123	0.542503	-1.84331	0.622021	0.908847	-1.1003	0.78052	0.94766	-1.05523	0.0433554	0.639422	-1.56391	0.672686	4.00522	0.521436	1
cg24857146	MYH13;MYH14;MYH4	0.0226164	0.0116334	0.553142	-1.80764	0.0459823	0.155057	0.155057	0.0268158	0.944119	0.891267	-1.01909	0.899386	1.0454	2.45E-06	0.210229	-2.08072		0.00493133	0.366198	-2.73976	0.241525	1.39198	1.39198	0.942279	1.02042	1.02042	0.0308383	0.504576	-1.98186	0.127068	13.3202	1.02457	1
cg10229905	MYH13;MYH14;MYH4	0.0127775	0.110873	1.3491	1.3491	0.000521209	0.393521	-2.54116	0.682684	1.07343	1.07343	0.957637	0.990885	-1.0092	0.847892	1.03366	1.03366		0.1616559	1.29386	1.29386	0.083538	1.39123	1.39123	0.441685	0.873507	-1.14481	0.1224403	0.749324	-1.33454	5.460883	2.570104	0.418355	1
cg02700337	MYH13;MYH14;MYH4	0.0078382	0.0148037	0.608137	0.00593417	0.54886	0.154886	0.154886	0.734809	0.959468	-1.04224	0.0257982	0.139973	1.37973	0.0001	0.521337	1.91568	-1.04526	0.775221	0.965789	-1.0354	0.0078347	0.514669	1.94387	0.0052	0.205268	0.0821397	0.791223	1.26387	0.476519	1.00018	0.0821397	1
cg01291939	MYH13;MYH14;MYH4	0.0217283	0.958129	1.00788	1.00788	0.146427	0.792121	-1.26243	0.227556	0.820868	1.09139	0.109139	0.180697	1.23675	1.23675				0.0647257	0.36363	0.00703938	0.2164221	0.26421	0.164221	0.839431	1.03079	1.03079	0.749761	1.049	1.049	0.573538	1.61876	0.314625	1
cg20117799	MYH13;MYH14;MYH4	0.0219162	0.354699	0.746862	-1.33894	0.224586	1.47853	1.47853	0.18806	1.53357	1.53357	0.638111	0.864825	-1.1563	0.13891	0.613666	-1.62955		0.33543	0.747212	-1.33831	0.000974681	0.2222338	-4.49968	0.0814695	0.55323	-1.80757	0.0571055	0.516923	-1.93452	4.55991	6.7866	1.32295	1
cg04106880	MYH13;MYH14;MYH4	0.0240782	0.0205572	1.46761	1.46761	0.0145424	2.78	2.78	0.0134144	3.14808	3.14808	0.13079	1.37973	1.37973	0.0001	0.521337	1.91568	-1.04526	0.750759	1.16484	1.16484	0.24669	0.875413	1.84419	1.84419	0.191524	0.955813	1.79917	4.46323	12.5901	2.53986	1
cg01502766	MYH13;MYH14;MYH4	0.0271847	0.25378	0.733719	-1.36665	0.0337564	2.7288	2.7288	0.0202822	2.08231	2.08231	0.402928	0.799042	-1.2515	0.504594	0.837511	-1.19401		0.992456	0.997525	-1.00248	0.241716	1.33784	1.37874	0.155023	2.17757	2.17757	0.4678852	1.21362	1.21362	0.513543	4.60376	0.967082	1
cg12744888	MYH13;MYH14;MYH4	0.000395977	0.0148885	0.601758	-1.66207	0.0459823	0.155057	0.155057	0.0268158	0.944119	0.891267	-1.01909	0.899386	1.0454	2.45E-06	0.210229	-2.08072		0.00493133	0.366198	-2.73976	0.241525	1.39198	1.39198	0.942279	1.02042	1.02042	0.0308383	0.504576	-1.98186	0.127068	13.3202	1.02457	1
cg03110701	YH15	0.00069295	0.832839	0.962647	-1.0388	0.318105	1.20426	1.20426	0.00101204	0.415442	-2.46707	0.497401	0.883301	-1.13212	0.000188814	0.321705	-3.10843		0.000503342	0.375437	-2.66357	0.000631075	0.3882382	-2.57574	0.952421	1.01081	1.01081	0.00675474	0.531283	-1.88224	13.0479	6.70414	0.45672	1
cg08753431	MYH13;MYH14;MYH4	0.0029268	0.329268	1.25345	1.25345	0.47705	0.913153	-1.50908	0.00504834	0.291228	-3.42315	0.452194	1.19521	1.19521	0.0870388	0.532949	-1.87683	0.0204845	0.336307	-2.97349	0.0016	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg21755925	MYH13;MYH14;MYH4	0.00971196	0.135447	0.633886	-1.57806	0.000251503	0.676376	-1.47866	0.662289	0.87448	1.14345	0.00229751	0.280048	-3.57082	0.0101592	0.380641	-2.6274		0.0048485	0.316307	-3.16149	0.000127262	0.213836	-4.67538	0.51634	0.830637	0.324338	0.186444	16.7643	1.25599	1
cg00475472	YH15	0.00107022	0.185622	0.806342	-1.24017	0.000614742	0.445363	-2.24536	0.331671	0.857617	-1.16602	0.26745	1.19383	1.19383	0.688363	0.940041	-1.06378		0.000609807	0.444914	-2.24763	0.000847381	2.15826	2.15826	0.0711439	1.36225	1.36225	0.767371	0.955526	-1.04654	11.542	4.29932	0.331106	1
cg14479344	MYH15	0.0055553	0.176082	1.37683	1.37683	0.0104061	2.58224	2.58224	0.0126126	2.82121	2.82121	0.0855257	-1.16924	0.0906029	0.0104411	0.3487657	2.86707	0.095119	-1.0049	0.9936217	1.00496	0.0808405	0.967627	1.03376	0.887605	-1.12659	0.626508	0.942794	-1.06068	6.2613	1.4307	0.203111	1
cg01135161	YH15	0.00259953	0.0210446	-4.78131	0.255673	0.67072	1.67072	0.0851903	0.439035	-2.27772	0.6185	0.804812	-1.22453	0.0462495	0.372437	0.68502			0.0829008	0.439817	-2.29454	0.0282531	0.326153	-3.06604	0.388077	1.46614	1.46614	0.0201994	0.297729	-3.35876	4.244	12.5752	2.63383	1
cg01215154	YH15	7.93E-05	0.445186	1.17371	1.13371	0.512129	0.1601583	0.1601583	0.0479581	0.663191	-1.6575	0.2641021	0.8537511	-1.1994	8.54E-07	0.128914	7.7571		0.3624319	1.15745	1.15745	0.0615032	1.3865	1.3865	0.0496639	-1.11528	0.619549	1.08131	1.08131	0.3566	9.01003	0.543666	1
cg04578010	YH16	0.00615469	0.204427	0.583039	-1.25076	0.00494255	0.158032	-6.32782	0.00137923	0.154284	-6.48155	0.00613047	0.236754	-4.22415	0.008184	0.2538	-3.9087		0.2006848	0.580139	-1.72372	0.00746003	0.2459591	-4.00655	0.820053	0.912296	-1.09624	0.229232	1.08152	1.08152	0.6844	6.88487	7.07869	2.28483	1
cg19428602	YH16	0.00632269	0.0718923	0.679303	-1.4721	0.800414	1.04996	1.04996	0.418895	0.859036	-1.1641	0.114308	0.718514	-1.39176	0.000120022	0.275052	-3.63567		0.0112123	0.542503	-1.84331	0.622021	0.908847	-1.1003	0.78052	0.94766	-1.05523	0.0433554	0.639422	-1.56391	6.672686	4.00522	0.521436	1
cg12492380	YH16	0.0135711	0.0588369	0.694249	-1.44067	0.0459823	0.155057	0.155057	0.0268158	0.944119	0.891267	-1.01909	0.899386	1.0454	2.45E-06	0.210229	-2.08072		0.00493133	0.366198	-2.73976	0.241525	1.39198	1.39198	0.942279	1.02042	1.02042	0.0308383	0.504576	-1.98186	0.127068	13.3202	1.02457	1
cg17654107	YH16	0.0166856	0.429017	0.791102	-1.26406	0.61211	1.15999	1.15999	0.0390901	0.500035	-1.99986	0.162447	0.648662	-1.54164	0.253539	0.707448	-1.41353		0.0107426	0.394413	-2.53542	0.000522285	0.2080103	-4.80532	0.315461	0.64013	-1.56218	0.257821	0.709838	-1.40877	5.00058	6.67159	1.18592	1
cg02185790	YH16	0.0233804	0.626464	1.2385	1.2385	0.0140774	0.366669	-3.74096	0.181256	0.53851	-1.85698	0.00877181	0.233235	-4.28752	0.0372793	0.34846	-2.86977		0.0035413	0.330091	-3.0294	0.0154389	0.343759	-2.90901	0.133413	0.24086	0.048866	0.186009	0.5425511	-1.84314	4.45515	13.4121	2.67733	1
cg10072590	MYH2;MYH4	5.39E-05	0.011856	0.710526	-1.40741	0.435868	1.09033	1.09033	0.0391747	0.771338	-1.29645	0.311395	0.892319	-1.12068	1.41E-06	0.262844	3.80454		0.965271	1.00475	1.00475	0.0478174	1.29711	1.29711	5.80E-05	0.444509	-2.24967	0.891571	0.985272	0.0149505	0.256958	8.89109	0.166603	1
cg19950548	MYH2;MYH4	0.00195758	0.760387	1.07049	1.07049	0.0424478	1.68262	1.68262	0.0339817	0.576283	-1.73526	0.515042	1.15835	1.15835	0.000140621	0.231446	-4.32067		0.0602662	0.62383	-1.603	0.166447	1.38653	1.38653	0.00219538	0.384329	-2.60194	0.3136931	0.792918	-1.26116	9.70229	7.61975	0.698094	1
cg01343215	MYH2;MYH4	0.0290343	0.590554	0.884834	-1.13078	0.0459823	0.155057	0.155057	0.0268158	0.944119	0.891267	-1.01909	0.899386	1.0454	2.45E-06	0.210229	-2.08072		0.00493133	0.366198	-2.73976	0.241525	1.39198	1.39198	0.942279	1.02042	1.02042	0.0308383	0.504576	-1.98186	0.127068	13.3202	1.02457	1
cg16212534	MYH3	0.00726135	0.27015	0.682199	-1.46585	0.0218502	2.50038	2.50038	0.660753	0.841406	-1.18849	0.08388	0.52882	1.891	0.00580756	0.300186	3.33127		0.528322	1.37212	1.37212	0.00662187	0.176126	-5.67774	0.535368	1.23253	1.23253	0.482186	0.788271	-1.2686	5.63985	11.4902	1.56173	1
cg02608003	MYH3	0.0012048	0.0078622	0.623613	-1.6094	0.0459823	0.155057	0.155057	0.0268158	0.944119	0.891267	-1.01909	0.899386	1.0454	2.45E-06	0.210229	-2.08072		0.00493133	0.366198	-2.73976	0.241525	1.39198	1.39198	0.942279	1.02042	1.02042	0.0308383	0.504576	-1.98186	0.127068	13.3202	1.02457	1
cg05098880	MYH3	0.0113043	0.838378	0.973036	-1.02771	0.0058502	1.62075	1.62075	0.16491	0.820139	-1.2193	0.190139	1.20407	1.20407	0.313641	1.14967	1.14967		0.135627	1.24018	1.24018	0.000512684	2.06661	2.06661	0.851225	1.02545	1.02545	0.135909	1.23996	1.23996	5.68228	1.61206	0.252178	1
cg01558848	MYH3	0.01228224	0.00683369	0.417845	-2.39323	0.104462	1.55588	1.55588	0.00282858	0.359111	-2.78465	0.869823	0.959972	-1.0417	0.0443829	0.56264	-1.77734		0.342658	0.783877	-1.27571	0.141145	1.48317	1.48317	0.392765	0.804079	-1.24366	0.0240108	0.511737	-1.95413	0.53155	5.43477	0.873337	1
cg22375815	MYH3	0.00319965	0.302128	0.783449	-1.27657	0.0459823	0.155057	0.155057	0.0268158	0.944119	0.891267	-1.01909	0.899386	1.0454	2.45E-06	0.210229	-2.08072		0.00493133	0.366198	-2.73976	0.241525	1.39198	1.39198	0.942279	1.02042	1.02042	0.0308383	0.504576	-1.98186	0.127068	13.3202	1.02457	1
cg24969728	MYH3	0.0277088	0.935108	1.01404	1.01404	0.0031289	1.99766	1.99766	0.527022	0.896037	-1.11603	0.616221	0.917088	-1.09041	0.0059808	0.540423	-1.8504		0.578922	1.10077	1.10077	0.840575	1.0351	1.0351	0.220758	0.80213	-1.24668	0.749186	1.05648	1.05648	0.203222	1.95279	0.412973	1
cg03641941	MYH3	0.0158341	0.758034	1.07496	1.07496	0.0225102	1.68509	1.68509	0.0348284	1.05454	1.05454	0.0348284	1.05454	1.05454	0.0348284	1.05454	1.05454		0.2700384	1.4251	1.4251	0.0369402	1.52317	1.52317	0.0493344	0.725245	1.12104	0.3696451	0.772564	1.12104	0.6045	1.73154	0.4	1
cg08014964	MYH4	0.00168578	0.0198143	1.131269	-7.61794	0.0313904	0.11637	-8.5933	0.133806	0.47167	-2.12013	0.0273059	0.297096	-3.36592	0.000153768	0.120282	8.31377		0.0144556	0.246436	-4.05785	0.000350722	0.0692544	-14.4395	0.00186627	0.128609	-7.77548	0.0161902	0.254871	-3.92355	10.1324	34.6589	3.40054	1
cg00992088	MYH4	0.0174	0.1574	1.44722	1.44722	0.0186272	0.72797

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15692535	MYL12A;MYL12A	0.000124899	0.0106661	0.517608	-1.93197	0.191598	1.32791	1.32791	1.55E-06	12.0601	12.0601	0.123704	1.40781	1.40781	0.231459	0.772999	-1.29366	0.100878	1.44572	1.44572	0.542067	1.13497	1.13497	0.621971	1.10733	1.10733	0.538463	0.880057	-1.13629	20.8597	13.9033	0.592458	1
cg21872393	MYL12A;MYL12A	0.00332571	0.779159	0.924566	-1.08159	0.382851	1.28361	1.28361	4.87E-05	8.42231	8.42231	0.554277	0.846292	-1.18163	0.914249	0.970396	-1.03051	0.318772	0.750156	-1.33306	0.137259	0.639824	-1.56293	0.20704	1.44953	1.44953	0.736347	0.910028	-1.09887	8.29955	10.2315	1.09581	1
cg25292698	MYL12A;MYL12A	0.0181976	0.599631	1.08714	1.08714	0.0910098	1.3413	1.3413	0.458904	1.12632	1.12632	0.309066	1.18062	1.18062	0.786109	0.958004	-1.04384	0.268524	0.833789	-1.19934	0.00045165	0.418031	-2.39217	0.831631	0.966975	-1.03415	0.724768	0.945767	-1.05734	4.85725	1.91386	0.350241	1
cg22069342	MYL12B;MYL12B;MYL12B;MYL12B	0.00264878	0.638282	0.869429	-1.15018	0.745881	0.908385	-1.10085	0.485695	1.23286	1.23286	0.554683	0.838135	-1.19313	0.0487393	0.514203	-1.94476	0.381865	1.30345	1.30345	0.00890761	0.374038	-2.67352	0.553423	0.837653	-1.19381	4.54E-05	0.102409	-9.76472	8.87947	12.2796	1.22926	1
cg00760847	MYL12B;MYL12B;MYL12B;MYL12B	0.00398392	0.0150859	0.440896	-2.26811	0.000916065	3.891	3.891	0.0256378	2.06877	2.06877	0.00519437	0.363689	-2.7496	0.87922	0.959161	-1.04258	0.451875	1.23389	1.23389	0.0682102	0.571244	-1.75057	0.902185	0.966847	-1.03429	0.315393	0.752272	-1.32931	7.86203	9.36258	1.05854	1
cg11668079	MYL12B;MYL12B;MYL12B;MYL12B	0.00795443	0.0021912	0.125399	-7.97456	0.816312	1.07634	1.07634	?	?	?	0.0676317	0.478133	-2.09147	0.364274	0.738377	-1.35432	?	?	?	0.00690828	4.55894	4.55894	?	?	?	0.106192	1.85235	1.85235	17.1879	15.7329	0.610232	1
cg05243095	MYL12B;MYL12B;MYL12B;MYL12B	0.0154542	0.0199656	0.699774	-1.42903	0.19715	0.840873	-1.18924	0.0228944	0.707493	-1.41344	0.574589	0.930446	-1.07475	0.746473	0.959604	-1.0421	0.00405086	0.612263	-1.63328	0.100805	0.795756	-1.25667	0.147431	1.21847	1.21847	0.0367963	1.36114	1.36114	5.12977	1.31278	0.227479	1
cg13027933	MYL1;MYL1	0.00226878	0.0595331	0.597973	-1.67232	0.00407843	0.393751	-2.53967	0.00192382	0.345878	-2.89119	0.192756	0.716553	-1.39557	0.000972653	0.305234	-3.27618	0.0143901	0.482183	-2.0739	0.00232362	0.357596	-2.79645	0.792742	1.06574	1.06574	0.000958493	0.304388	-3.28528	9.29314	8.60474	0.823043	1
cg10591174	MYL2	0.000327831	0.00380325	0.452232	-2.21126	0.0110098	0.522853	-1.91258	0.000438734	0.32329	-3.0932	0.00221457	0.41821	-2.39114	1.41E-05	0.158792	-6.29754	0.304122	1.24157	1.24157	0.0174347	0.555191	-1.80118	0.00782353	0.499567	-2.00173	0.0104836	0.519479	-1.92501	16.0551	10.5103	0.581904	1
cg19862427	MYL2	0.000699408	0.487939	1.10912	1.10912	0.079954	0.751597	-1.3305	3.25E-05	0.305092	-3.2777	0.698824	0.944459	-1.05881	0.000179992	0.393792	-2.53941	0.294842	0.852416	-1.17314	0.897049	1.01921	1.01921	0.00918996	0.615008	-1.626	0.0407221	0.706638	-1.41515	13.014	4.45249	0.304116	1
cg01197294	MYL2	0.00216106	0.452537	0.895669	-1.11648	0.977676	1.00404	1.00404	0.000165195	0.396778	-2.5203	0.511948	0.908677	-1.1005	0.000349781	0.437137	-2.28761	0.114423	1.28045	1.28045	0.885703	1.02092	1.02092	0.467459	1.11232	1.11232	0.588513	0.924372	-1.08182	9.42639	3.09478	0.291832	1
cg24353217	MYL2	0.00257111	0.512	0.891609	-1.12157	0.308536	0.833757	-1.19939	0.00471021	0.523171	-1.91142	0.0570853	1.44972	1.44972	0.000391019	0.377198	-2.65113	0.000933759	0.426494	-2.3447	0.827428	0.963038	-1.03838	0.016523	0.603392	-1.6573	0.407221	0.863939	-1.15749	8.95774	4.22191	0.418946	1
cg02136635	MYL2	0.00298532	0.499364	1.10677	1.10677	0.883288	0.978502	-1.02197	0.000117221	0.368605	-2.71293	0.215605	1.21266	1.21266	0.109197	0.772277	-1.29487	0.0344383	1.44043	1.44043	0.0297899	1.45983	1.45983	0.148156	0.794932	-1.25797	0.716468	0.94747	-1.05544	8.57062	2.97097	0.308129	1
cg09763086	MYL2	0.00728511	0.939415	0.984567	-1.01567	0.990246	1.0025	1.0025	0.000587924	0.337357	-2.96422	0.0818482	0.674002	-1.48367	0.00434604	0.45854	-2.18084	0.73453	0.932729	-1.07212	0.80564	1.05173	1.05173	0.00394501	0.452297	-2.21094	0.730928	1.07319	1.07319	6.53317	4.33165	0.589354	1
cg26019563	MYL2	0.0092884	0.615091	0.900657	-1.1103	0.069514	1.52042	1.52042	0.101145	0.690405	-1.44842	0.0736051	1.50927	1.50927	0.00072327	0.346001	-2.89016	0.531437	1.13977	1.13977	0.914058	1.02253	1.02253	0.0198744	0.559791	-1.78638	0.143204	0.722757	-1.38359	6.05143	4.08197	0.599596	1
cg17760412	MYL2	0.0181819	0.0203164	0.454526	-2.20009	0.0530734	0.538189	-1.85808	0.0196194	0.451708	-2.21382	0.0901447	0.59071	-1.69288	0.0299019	0.486695	-2.05468	0.463544	0.810339	-1.23405	0.014969	0.430327	-2.32381	0.00133156	0.268435	-3.7253	0.41306	0.789882	-1.26601	4.85866	6.11353	1.11847	1
cg04735123	MYL2	0.0214755	0.795528	0.944409	-1.05886	0.789617	0.942804	-1.06067	0.000499575	0.301404	-3.3178	0.238738	1.31228	1.31228	0.194791	0.739293	-1.35264	0.0851819	0.657592	-1.5207	0.608837	1.12039	1.12039	0.141763	0.70614	-1.41615	0.948731	0.985937	-1.01426	4.59175	3.52765	0.682895	1
cg04488145	MYL3	0.00136508	0.301196	1.24712	1.24712	0.0158874	0.543957	-1.83838	0.0554461	0.6392	-1.56446	0.000237716	0.285089	-3.50768	0.00018436	0.27182	-3.6789	0.7337	0.932022	-1.07294	0.131169	1.39933	1.39933	0.0436063	0.619843	-1.61331	0.160592	0.734184	-1.36206	10.7673	7.24765	0.598327	1
cg15439078	MYL3	0.0118443	0.103037	0.751989	-1.32981	0.415003	0.875323	-1.14244	0.000490371	0.4178	-2.39349	0.139756	0.775727	-1.28911	0.115375	0.760657	-1.31465	0.256034	0.827381	-1.20863	0.156298	1.27427	1.27427	0.0131843	0.611936	-1.63416	0.0455449	0.693176	-1.44264	5.59716	2.26428	0.359592	1
cg15964612	MYL4;MYL4	0.000309515	3.21E-05	0.394593	-2.53426	0.0489496	0.772323	-1.2948	0.000713547	0.553107	-1.80797	0.0374533	0.757704	-1.31978	0.000170032	0.479656	-2.08483	0.00023632	0.496524	-2.014	0.00712235	0.670697	-1.49099	0.697028	0.956035	-1.04599	0.0687537	0.791295	-1.26375	16.3101	3.41104	0.1859	1
cg17233517	MYL4;MYL4	0.000658604	0.210788	1.15229	1.15229	0.00148143	0.610826	-1.63713	3.69E-05	0.426012	-2.34735	0.857078	0.980806	-1.01957	0.286853	0.8879	-1.12625	0.675889	0.955804	-1.04624	0.0544722	1.26436	1.26436	0.00867014	0.697894	-1.43288	0.0035508	0.653915	-1.52925	13.2349	2.42261	0.162708	1
cg23956680	MYL4;MYL4	0.0254989	0.0361111	0.497052	-2.01186	0.393284	0.778161	-1.28508	0.00907728	0.386361	-2.58825	0.0257984	0.468008	-2.13672	0.00295477	0.310225	-3.22347	0.0302987	0.481703	-2.07597	0.257922	0.712763	-1.40299	0.0455095	0.517975	-1.93059	0.0886373	0.58349	-1.71383	4.32736	5.63829	1.15817	1
cg08029340	MYL5	0.000174454	0.024219	0.804486	-1.24303	0.000108647	0.575681	-1.73707	0.0109575	0.772203	-1.295	0.00232424	1.41108	1.41108	0.132099	1.14065	1.14065	0.057837	1.18964	1.18964	0.000356816	1.5904	1.5904	0.000854227	1.50029	1.50029	0.578259	1.04652	1.04652	19.0636	1.97951	0.0922994	1
cg08555912	MYL5	0.00109685	0.00160755	0.493966	-2.02443	0.0311772	0.674197	-1.48325	0.00189658	0.503502	-1.98609	0.510233	1.10974	1.10974	0.000903029	0.461066	-2.16889	0.00577777	0.569044	-1.75733	0.000141802	0.359409	-2.78234	0.101139	0.755882	-1.32296	0.0152874	0.628587	-1.59087	11.4616	4.41193	0.342161	1
cg00723338	MYL5	0.00157691	0.00118969	0.316667	-3.15789	0.0118982	2.13754	2.13754	0.059204	0.597224	-1.67441	0.101539	1.54313	1.54313	0.0143514	0.481694	-2.07601	0.000576298	0.275515	-3.62956	0.00679254	0.427922	-2.33687	0.170842	0.702651	-1.42318	0.200129	0.720716	-1.38751	10.3297	9.58011	0.824389	1
cg25282072	MYL5	0.0060388	0.00199792	0.204606	-4.88743	0.207015	0.616359	-1.62243	0.124874	0.546546	-1.82967	0.0935018	0.511284	-1.95586	0.000772579	0.15709	-6.36576	0.0385676	0.418351	-2.39034	0.001827	0.199767	-5.00584	0.0297247	0.394384	-2.5356	0.0409014	0.423943	-2.35881	6.92536	14.505	1.86176	1
cg23595927	MYL5	0.0279511	0.0120145	0.15704	-6.36781	0.777912	0.846129	-1.18185	0.901221	1.07613	1.07613	0.42093	1.62554	1.62554	0.0230259	0.200609	-4.98483	0.104916	0.350956	-2.84936	0.00769385	0.13217	-7.56599	0.0381953	0.241821	-4.13529	0.0326232	0.228194	-4.38223	4.19036	23.1729	4.9156	1
cg21254883	MYL5	0.044019	0.032734	0.148661	-6.72671	0.118494	0.274453	-3.64362	0.515208	0.604453	-1.65439	0.398145	0.516846	-1.93481	0.0314633	0.145887	-6.8546	0.123042	0.27953	-3.57743	0.0053089	0.0606383	-16.4912	0.0128439	0.0946741	-10.5625	0.0776764	0.224015	-4.46399	3.55469	32.7689	8.19422	1
cg09959931	MYL5	0.0477191	0.0289661	0.119951	-8.33674	0.104406	0.231754	-4.31493	0.287491	0.402675	-2.48339	0.375159	0.472503	-2.11639	0.0265079	0.114593	-8.7265	0.0601926	0.174469	-5.73167	0.00843898	0.0626359	-15.9653	0.017603	0.0926506	-10.7932	0.0627205	0.178185	-5.61216	3.44861	37.0538	9.55073	1
cg17073306	MYL5;MYL5	0.0119632	0.0038586	0.20627	-4.84801	0.439684	0.726478	-1.37651	0.603861	0.80877	-1.23645	0.373874	0.690656	-1.4479	0.0101207	0.268346	-3.72654	0.0137974	0.29108	-3.43548	0.00418019	0.210967	-4.74009	0.00647841	0.23809	-4.2001	0.0358327	0.371509	-2.69173	5.57906	14.5269	2.31451	1
cg07315445	MYL6;MYL6	0.00516287	0.369089	1.08706	1.08706	0.0107969	1.33612	1.33612	0.00301199	1.4449	1.4449	0.333141	1.09455	1.09455	0.357069	1.08949	1.08949	0.208551	1.12746	1.12746	0.00177508	0.668506	-1.49587	0.766943	0.973463	-1.02726	0.0132409	1.32026	1.32026	7.26707	0.942471	0.115281	1
cg07074586	MYL6;MYL6	0.0110675	0.00774414	1.8858	1.8858	0.529414	0.888552	-1.12543	0.00174852	2.28743	2.28743	0.00435228	2.02704	2.02704	0.545075	0.892623	-1.12029	0.0630165	1.47382	1.47382	0.790596	0.95184	-1.0506	0.0662977	1.46521	1.46521	0.498853	1.13579	1.13579	5.72123	3.11672	0.484234	1
cg01526553	MYL6;MYL6	0.0264178	0.734921	1.07887	1.07887	0.0200361	1.87178	1.87178	0.328583	1.25265	1.25265	0.631302	1.11406	1.11406	0.319352	1.25846	1.25846	0.145162	1.41835	1.41835	0.00865098	0.473435	-2.11222	0.0136259	1.97734	1.97734	0.297862	0.78578	-1.27262	4.27419	3.37822	0.702557	1
cg01266880	MYL6;MYL6;MYL6;MYL6	0.034556	0.361527	0.893403	-1.11932	0.0559824	1.29714	1.29714	0.00234559	1.66578	1.66578	0.587186	1.0681	1.0681	0.958235	1.00631	1.00631	0.0933163	0.801049	-1.24836	0.471034	0.915655	-1.09211	0.415569	1.10517	1.10517	0.107814	1.23476	1.23476	3.88503	0.888614	0.203314	1
cg15640061	MYL6;MYL6;MYL6B	0.0373149	0.0627415	0.732256	-1.36564	0.452773	1.12056	1.12056	0.916551	0.984524	-1.01572	0.0834351	0.751895	-1.32997	0.00697445	0.594896	-1.68097	0.404289	1.13541	1.13541	0.0301818	0.684317	-1.46131	0.0185425	0.653831	-1.52945	0.807091	0.964248	-1.03708	3.77817	1.32518	0.311774	1
cg13006259	MYL6B	0.000394548	0.000173578	2.65166	2.65166	0.00122498	0.485026	-2.06175	0.02351	0.661066	-1.51271	0.481963	1.11554	1.11554	0.00310213	0.538468	-1.85712	0.000644665	0.448889	-2.22772	0.246361	0.830718	-1.20378	0.0698176	0.733314	-1.36367	0.119672	1.29474	1.29474	15.2578	5.65587	0.329499	1
cg22958248	MYL6B	0.000727082	0.000221282	0.190427	-5.25135	0.483367	0.825279	-1.21171	0.716992	0.906524	-1.10311	0.0413179	1.88604	1.88604	0.0370664	1.92067	1.92067	0.0117831	0.428274	-2.33495	0.000154897	0.174284	-5.73777	0.0173297	0.457804	-2.18434	0.0859591	0.599568	-1.66787	12.8732	14.8178	1.02316	1
cg08716553	MYL6B	0.0167679	0.585475	0.925831	-1.08011	0.426247	0.892545	-1.12039	0.375214	0.880428	-1.13581	0.552295	0.919311	-1.08777	0.0709437	1.32618	1.32618	0.57726	1.08198	1.08198	0.00062082	2.08942	2.08942	0.0722852	0.755279	-1.32401	0.524725	1.09439	1.09439	4.99238	1.54809	0.275636	1
cg06400595	MYL6B;MYL6;MYL6	0.0296753	0.573445	1.07802	1.07802	0.588281	1.07484	1.07484	0.289169	1.15638	1.15638	0.868098	0.978289	-1.02219	0.34698	1.13643	1.13643	0.87388	0.979241	-1.0212	0.00070833	0.505935	-1.97654	0.231958	1.18005	1.18005	0.55677	0.924513	-1.08165	4.10265	1.13317	0.245515	1
cg19856346	MYL6B;MYL6B	0.032062	0.00395604	0.444511	-2.24966	0.174407	0.739177	-1.35286	0.107937	1.44329	1.44329	0.40714	0.837459	-1.19409	0.985199	1.00389	1.00389	0.0241693	0.569888	-1.75473	0.936656	1.01677	1.01677	0.154988	0.727326	-1.3749	0.0274466	0.579469	-1.72572	3.99111	2.76606	0.616048	1
cg13913313	MYL7	0.000595157	0.00756174	0.546566	-1.8296	0.00300745	0.489087	-2.04463	0.000883759	0.416422	-2.40141	0.200854	1.26809	1.26809	0.0001	0.297236	-3.36433	0.00193186	0.462367	-2.16279	0.00250836	0.478068	-2.09175	0.21266	1.25956	1.25956	0.115595	0.740285	-1.35083	13.6146	6.66446	0.435118	1
cg26471121	MYL7	0.00916517	0.492429	0.860533	-1.16207	0.0409257	0.6015	-1.66251	0.000132698	0.239852	-4.16924	0.571397	0.884062	-1.13114	0.379542	0.82348	-1.21436	0.552679	1.13815	1.13815	0.908311	0.975484	-1.02513	0.472748	1.17039	1.17039	0.70706	0.921883	-1.08474	6.07718	4.46757	0.653456	1
cg23370883	MYL7	0.0107888	0.00214859	0.272201	-3.67375	0.00201473	0.268365	-3.72626	0.00799535	0.358346	-2.7906	0.98615	0.994773	-1.00525	0.0166998	0.413914	-2.41596	0.189149	0.657067	-1.52192	0.0265489	0.452132	-2.21174	0.309625	0.728018	-1.37359	0.269081	0.706455	-1.41552	5.76841	8.32728	1.2832	1
cg22853588	MYL9;MYL9	0.00513277	0.0166881	7.19267	7.19267	0.043937	4.77465	4.77465	0.310458	2.03117	2.03117	0.350088	1.91445	1.91445	0.0171714	7.10501	7.10501	0.747165	1.24409	1.24409	0.000177661	72.9221	72.9221	0.0205063	6.58555	6.58555	0.00636399	10.9997	10.9997	7.28007	52.5655	6.41819	1
cg15371711	MYL9;MYL9	0.015036	0.0367968	6.22642	6.22642	0.119426	3.57527	3.57527	0.21742	2.66018	2.66018	0.416808	1.86951	1.86951	0.0332043	6.53401	6.53401	0.641624	1.42392	1.42392	0.000985664	40.1485	40.1485	0.0124888	10.4154	10.4154	0.00735841	13.5239	13.5239	5.17659	46.6072	8.00307	1
cg26287345	MYL9;MYL9	0.0175294	0.026616	10.824	10.824	0.100125	5.11916	5.11916	0.201103	3.4002	3.4002	0.306711	2.60959	2.60959	0.0354376	9.20573	9.20573	0.489202	1.89045	1.89045	0.000895253	90.7065	90.7065	0.0210403	12.3748	12.3748	0.0130367	16.3141	16.3141	4.9187	64.0056	11.5668	1
cg13063812	MYLIP	0.000285527	0.0924117	0.805391	-1.24163	0.892512	1.01592	1.01592	0.649884	1.05485	1.05485	0.498823	1.08354	1.08354	0.72628	1.04193	1.04193	0.00318591	0.624605	-1.60101	4.79E-06	0.294517	-3.39539	0.401354	1.10559	1.10559	0.0720084	1.2645	1.2645	16.6741	3.60622	0.192246	1
cg14421525	MYLIP	0.00344515	0.373618	1.37974	1.37974	0.343939	1.41027	1.41027	0.142044	1.75131	1.75131	0.0134015	0.328698	-3.04231	0.878248	0.947603	-1.05529	0.000110645	0.0721762	-13.855	0.433678	1.32487	1.32487	0.295177	1.46701	1.46701	0.420043	1.33662	1.33662	9.63388	18.4061	1.48599	1
cg19628745	MYLIP	0.042331	0.00712656	0.438534	-2.28032	0.0754124	1.59913	1.59913	0.718724	1.08957	1.08957	0.39438	1.22986	1.22986	0.220196	0.736588	-1.35761	0.0324372	0.552173	-1.81103	0.737007	0.923174	-1.08322	0.414727	1.21864	1.21864	0.176466	1.40609	1.40609	3.60681	3.21324	0.791895	1
cg02506923	MYLK2	0.000112099	0.019072	2.74837	2.74837	0.517023	1.25548	1.25548	0.292143	1.4621	1.4621	4.02E-05	0.048361	-20.6778	0.352757	0.717549	-1.39363	0.0147873	0.34244	-2.92022	8.22E-06	0.0212523	-47.0536	0.0019725	0.201927	-4.95229	0.730959	0.887488	-1.12678	28.0114	51.8734	1.44034	1
cg11411922	MYLK2	0.00305759	0.00634866	0.406031	-2.46287	0.00907623	0.431225	-2.31897	0.000524246	0.253795	-3.94019	0.103235	0.636275	-1.57165	0.000483473	0.249493	-4.00812	0.024953	0.508218	-1.96766	0.0134731	0.460228	-2.17284	0.0438135	0.555545	-1.80003	0.0159206	0.472877	-2.11471	8.50994	8.67377	0.906001	1
cg20861822	MYLK2	0.0255825	0.0339944	0.572851	-1.74565	0.887939	1.03225	1.03225	0.0637106	0.625469	-1.5988	0.407354	1.21022	1.21022	0.337037	0.800258	-1.2496	0.00431524	0.423596	-2.36074	0.650808	0.902506	-1.10803	0.423415	0.831887	-1.20209	0.00360543	0.411859	-2.42802	4.32242	3.46926	0.713439	1
cg24980700	MYLK2	0.0376629	0.814825	1.02811	1.02811	0.235428	1.15827	1.15827	0.268906	1.14574	1.14574	0.466115	1.09159	1.09159	0.525221	1.07904	1.07904	0.322013	0.88614	-1.12849	0.00100363	0.561581	-1.78069	0.892059	0.984086	-1.01617	0.67128	0.950812	-1.05173	3.76538	0.832549	0.196539	1
cg10811502	MYLK2	0.0442545	0.0153161	0.311685	-3.20837	0.0474402	0.411462	-2.43036	0.22313	0.605754	-1.65084	0.0592759	0.434367	-2.3022	0.0224371	0.342674	-2.91823	0.057555	0.431263	-2.31877	0.963453	1.01811	1.01811	0.0166602	0.318303	-3.14166	0.0365087	0.386058	-2.59029	3.54762	8.61642	2.15892	1
cg26680127	MYLK3	0.00272736	0.0023172	0.233947	-4.27447	0.000621043	0.165666	-6.03623	0.0282533	0.413	-2.42131	0.0113428	0.338821	-2.95141	0.00907119	0.322365	-3.10207	0.0101388	0.330481	-3.02589	0.000840996	0.180037	-5.55442	0.0166804	0.36872	-2.71208	0.0166234	0.368446	-2.7141	8.80314	16.2498	1.64081	1
cg02544453	MYLK3	0.00477999	0.00675209	0.251802	-3.97138	0.00131722	0.159511	-6.26915	0.0098491	0.277729	-3.60063	0.00525045	0.235571	-4.24501	0.011843	0.291118	-3.43504	0.0120411	0.292347	-3.4206	0.00255395	0.193301	-5.17329	0.0463141	0.40802	-2.45086	0.0169626	0.318692	-3.13783	7.43997	18.1737	2.17129	1
cg05170132	MYLK3	0.012814	0.54337	1.13019	1.13019	0.0356754	1.62646	1.62646	0.378432	0.835444	-1.19697	0.395318	0.840969	-1.1891	0.0898222	0.689332	-1.45068	0.0151808	0.552447	-1.81013	0.0524816	0.644877	-1.55068	0.00114152	0.386069	-2.59021	0.559204	0.889139	-1.12468	5.45575	3.4203	0.557259	1
cg06426087	MYLK3	0.0180946	0.206589	0.773581	-1.29269	0.0357009	0.624328	-1.60172	0.0618017	0.666729	-1.49986	0.475808	0.869583	-1.14998	0.0099243	0.533809	-1.87333	0.79732	1.05085	1.05085	0.00904881	1.8953	1.8953	0.712616	0.931182	-1.0739	0.0229773	0.592043	-1.68907	4.86654	2.86268	0.522877	1
cg05813616	MYLK3	0.0399905	0.520347	1.1159	1.1159	0.288309	0.830674	-1.20384	0.175233	0.784577	-1.27457	0.0549818	0.693353	-1.44227	0.00400239	0.521571	-1.91728	0.84809	1.0328	1.0328	0.0100622	0.578898	-1.72742	0.736132	1.05857	1.05857	0.181568	0.787679	-1.26955	3.68346	1.65224	0.398716	1
cg02021544	MYLK3	0.0485104	0.281626	0.81115	-1.23282	0.184027	1.30161	1.30161	0.0163785	0.577626	-1.73122	0.171611	0.761681	-1.31289	0.0745938	0.689681	-1.44995	0.455405	0.86744	-1.15282	0.0218216	0.5976	-1.67336	0.0145363	0.56945	-1.75608	0.213669	0.782761	-1.27753	3.42723	1.89916	0.492568	1
cg16402006	MYLK4	3.27E-05	0.221005	1.23922	1.23922	0.00909751	0.575515	-1.73757	2.60E-06	0.15104	-6.62077	0.0230675	0.635708	-1.57305	0.000267024	0.368791	-2.71156	0.791358	0.956762	-1.04519	9.38E-06	0.203032	-4.92532	0.551495	1.10566	1.10566	0.00119715	0.453218	-2.20645	29.7872	13.1112	0.391254	1
cg07270219	MYLK4	0.00223178	0.000568633	0.598969	-1.66954	0.0224862	1.30012	1.30012	0.846186	1.01882	1.01882	0.41939	1.08244	1.08244	0.758002	0.970763	-1.03012	0.08265	1.20268	1.20268	0.00050429	1.68554	1.68554	0.186596	0.874216	-1.14388	0.939379	1.00733	1.00733	9.33801	1.36342	0.129785	1
cg27364547	MYLK4	0.00225327	0.0108505	0.443419	-2.2552	0.177042	1.44017	1.44017	0.676038	0.898672	-1.11275	0.241163	0.732041	-1.36604	0.000160547	0.194187	-5.14967	0.00162784	0.317365	-3.15094	0.0222337	0.498225	-2.00713	0.0119643	0.450618	-2.21917	0.0307105	0.52453	-1.90647	9.31184	9.53112	0.909821	1
cg16006701	MYLK4	0.00250828	0.00621774	0.395043	-2.53137	0.00240703	0.332615	-3.00648	0.00240225	0.332491	-3.0076	0.844743	1.05238	1.05238	0.000811546	0.268455	-3.72502	0.00789616	0.411791	-2.42842	0.00301932	0.346958	-2.8822	0.00817265	0.414239	-2.41407	0.0541314	0.566018	-1.76673	9.02325	9.68884	0.954457	1
cg01681422	MYLK4	0.00276239	0.183108	0.837731	-1.1937	0.49422	0.916664	-1.09091	0.000136861	0.437381	-2.28634	0.58641	0.93346	-1.07128	0.0583719	0.764832	-1.30748	0.133567	0.816421	-1.22486	0.016544	0.692832	-1.44335	0.00654166	1.55709	1.55709	0.680774	1.05322	1.05322	8.76998	2.18222	0.221181	1
cg22866681	MYLK4	0.00379942	0.477111	0.896792	-1.11509	0.00836356	0.601851	-1.66154	0.098285	0.76091	-1.31422	0.838385	0.969694	-1.03125	0.000862858	2.12496	2.12496	0.0697478	1.35746	1.35746	0.00236651	1.8944	1.8944	0.634329	1.07488	1.07488	0.822278	1.03448	1.03448	7.97504	2.86812	0.319677	1
cg15453396	MYLK4	0.00467366	0.150748	0.671542	-1.48911	0.252725	0.734264	-1.36191	0.00323863	0.354049	-2.82446	0.184551	0.694971	-1.43891	0.00315631	0.35239	-2.83777	0.890813	1.03615	1.03615	0.0002477	0.209214	-4.77978	0.149983	0.670969	-1.49038	0.0205614	0.486102	-2.05718	7.49107	7.93132	0.941129	1
cg02404304	MYLK4	0.0093631	0.941168	0.985331	-1.01489	0.0661104	0.661838	-1.51094	0.00115595	0.384499	-2.60079	0.0144022	0.54668	-1.82922	0.00778137	0.504512	-1.98211	0.815266	1.04797	1.04797	0.0797727	1.4759	1.4759	0.281455	0.799223	-1.25121	0.0582912	0.651545	-1.53481	6.03603	3.83203	0.564319	1
cg00390784	MYLK4	0.0104243	0.00577346	0.476413	-2.09902	0.626444	0.904334	-1.10579	0.317843	0.809236	-1.23573	0.0164814	0.548443	-1.82335	0.0115012	0.523068	-1.9118	0.0262939	1.7164	1.7164	0.0167737	0.549702	-1.81917	0.246555	0.780042	-1.28198	0.0199578	0.562265	-1.77852	5.83245	3.88199	0.591631	1
cg03359540	MYLK4	0.0144082	0.725559	0.871615	-1.1473	0.0290507	2.72672	2.72672	0.696924	1.16485	1.16485	0.0220807	2.9159	2.9159	0.031284	0.373412	-2.67801	0.146401	0.544543	-1.8364	0.262765	0.634312	-1.57651	0.00458878	0.229661	-4.35424	0.250779	1.59657	1.59657	5.25	12.6388	2.1399	1
cg26395813	MYLK4	0.0173212	0.050714	0.352465	-2.83716	0.0127589	0.234731	-4.26019	0.0516968	0.354438	-2.82137	0.123184	0.457379	-2.18637	0.00286274	0.146313	-6.83466	0.0119358	0.230045	-4.34698	0.0315681	0.307014	-3.25718	0.00897554	0.21087	-4.74226	0.06826	0.384318	-2.60201	4.93844	17.1608	3.08884	1
cg25513776	MYLK4	0.0293859	0.00400681	0.400777	-2.49515	0.115347	0.667126	-1.49897	0.0089766	0.455803	-2.19393	0.299964	0.775707	-1.28915	0.016785	0.501539	-1.99386	0.0178487	0.506192	-1.97554	0.172212	0.70923	-1.40998	0.086037	0.638566	-1.56601	0.130919	0.680008	-1.47057	4.11692	3.64538	0.787078	1
cg24466611	MYLK4	0.0312357	0.0349853	0.311652	-3.20871	0.00302656	0.145394	-6.87786	0.0464288	0.338778	-2.95178	0.226413	0.547331	-1.82705	0.0115424	0.223368	-4.47692	0.0604297	0.366143	-2.73117	0.122349	0.451806	-2.21334	0.0292867	0.295681	-3.38203	0.293722	0.596416	-1.67668	4.02853	14.3663	3.1699	1
cg00393248	MYLK4	0.0403407	0.310539	0.602431	-1.65994	0.292297	0.589959	-1.69503	0.0267068	0.281379	-3.55393	0.0331308	3.33022	3.33022	0.341632	0.622974	-1.6052	0.291418	1.69679	1.69679	0.00712853	0.186644	-5.35781	0.678982	0.817914	-1.22262	0.842308	1.10098	1.10098	3.67164	13.5646	3.28394	1
cg18449361	MYLK4	0.0437859	0.0504797	0.213835	-4.6765	0.153966	0.34778	-2.87538	0.198304	0.390317	-2.56202	0.0281638	0.166323	-6.0124	0.0321394	0.176087	-5.67901	0.149683	0.343399	-2.91207	0.00251892	0.0548701	-18.2249	0.207336	0.398466	-2.50962	0.0834851	0.26561	-3.76492	3.56174	27.0123	6.74135	1
cg09707641	MYLK;MYLK;MYLK;MYLK	5.58E-07	0.419039	1.08929	1.08929	8.01E-07	0.254168	-3.9344	1.44E-07	0.181141	-5.52056	0.794232	1.02744	1.02744	3.36E-05	0.434902	-2.29937	0.146624	1.17512	1.17512	1.84E-05	0.404908	-2.46969	2.89E-06	0.314097	-3.18373	5.14E-07	0.234406	-4.2661	85.0816	14.4563	0.151032	1
cg09395562	MYLK;MYLK;MYLK;MYLK	3.82E-05	0.252182	1.11888	1.11888	0.000417518	0.591242	-1.69135	1.43E-05	0.428084	-2.33599	0.495663	0.937097	-1.06713	0.688451	0.962856	-1.03858	0.0335463	1.26262	1.26262	4.54E-06	0.37186	-2.68918	0.06783	0.825231	-1.21178	0.0208611	1.29841	1.29841	28.5892	3.99322	0.124156	1
cg03473016	MYLK;MYLK;MYLK;MYLK	4.75E-05	0.00725533	0.425277	-2.35141	7.32E-05	0.168543	-5.93319	6.56E-05	0.163912	-6.10085	0.323765	0.777579	-1.28604	3.71E-05	0.141203	-7.08203	6.47E-05	0.163334	-6.12243	1.18E-05	0.101256	-9.87593	0.0143828	0.47484	-2.10597	0.00218781	0.346226	-2.88828	26.9794	26.0372	0.857849	1
cg21593835	MYLK;MYLK;MYLK;MYLK	0.0003366	0.955881	1.00695	1.00695	0.739479	0.959095	-1.04265	0.00957255	0.66327	-1.50768	0.10295	0.799907	-1.25015	7.55E-06	0.291679	-3.42843	0.564616	1.07559	1.07559	0.102125	1.25094	1.25094	0.0233125	0.712309	-1.40389	0.00126148	0.554842	-1.80232	15.9392	3.95367	0.220486	1
cg03892735	MYLK;MYLK;MYLK;MYLK	0.000388543	0.000263867	0.143879	-6.95028	0.0215528	0.409525	-2.44185	0.0328414	0.446005	-2.24213	0.822479	1.07539	1.07539	0.000161258	0.124446	-8.03562	0.00328215	0.273664	-3.65412	0.000218978	0.136306	-7.33646	0.784808	0.915276	-1.09257	0.000299425	0.149164	-6.70401	15.3224	25.3874	1.47278	1
cg03731616	MYLK;MYLK;MYLK;MYLK	0.000978565	0.463112	0.867378	-1.1529	0.000468641	2.8506	2.8506	0.59347	0.902446	-1.1081	0.247037	0.794068	-1.25934	0.000955127	0.391536	-2.55405	0.137405	1.35634	1.35634	0.00047196	0.351199	-2.84739	0.490288	0.875033	-1.14281	0.0687225	0.678329	-1.47421	11.839	6.80487	0.510918	1
cg03286987	MYLK;MYLK;MYLK;MYLK	0.00136946	0.0133181	0.440821	-2.26849	0.144707	0.65807	-1.51959	0.00117606	0.28036	-3.56684	0.00389004	0.354009	-2.82479	6.12E-05	0.138618	-7.21408	0.170802	0.67734	-1.47636	0.00223471	0.318661	-3.13813	0.352462	0.774464	-1.29122	0.272926	0.737275	-1.35635	10.7574	12.1565	1.0045	1
cg02012769	MYLK;MYLK;MYLK;MYLK	0.00169295	0.000330239	0.4358	-2.29463	0.430292	0.891064	-1.12225	0.0771007	0.754569	-1.32526	0.721669	0.950044	-1.05258	0.00371087	0.570253	-1.75361	0.323132	0.863973	-1.15744	0.00178742	1.89053	1.89053	0.0170152	0.659093	-1.51724	0.0312605	0.696241	-1.43628	10.1199	3.28992	0.288972	1
cg26394191	MYLK;MYLK;MYLK;MYLK	0.00309636	0.0208393	0.638434	-1.56633	0.351831	1.16717	1.16717	0.00247034	0.507107	-1.97197	0.00237647	0.504825	-1.98088	0.0167047	0.624161	-1.60215	0.479595	0.890521	-1.12294	0.0174978	1.59455	1.59455	0.00331004	0.524443	-1.90679	0.293215	0.838689	-1.19234	8.47813	3.49505	0.366438	1
cg23184556	MYLK;MYLK;MYLK;MYLK	0.00464759	0.0238007	0.505445	-1.97845	0.0268694	0.515261	-1.94076	0.0104031	0.442187	-2.26149	0.407381	1.23906	1.23906	0.000258864	0.218633	-4.57388	0.00577096	0.400568	-2.49645	0.0720056	0.60174	-1.66185	0.0466672	0.56207	-1.77914	0.05092	0.569821	-1.75494	7.50382	7.60234	0.90056	1
cg17787502	MYLK;MYLK;MYLK;MYLK	0.0058089	0.0105498	0.227398	-4.39758	0.0188083	0.269753	-3.70709	0.0012284	0.11347	-8.8129	0.014429	0.249582	-4.0067	0.0102049	0.225141	-4.44166	0.00683929	0.199364	-5.01596	0.00446055	0.174465	-5.73181	0.0313836	0.312793	-3.197	0.0114104	0.232794	-4.29564	7.00877	23.5236	2.98339	1
cg23227291	MYLK;MYLK;MYLK;MYLK	0.00710104	0.219879	0.851014	-1.17507	0.00797109	0.653543	-1.53012	0.171098	0.833395	-1.19991	0.446931	1.1018	1.1018	0.592827	1.06983	1.06983	0.0181203	0.698449	-1.43174	0.000415445	0.49641	-2.01446	0.0106657	0.669348	-1.49399	0.333483	0.882716	-1.13287	6.58561	1.63118	0.220168	1
cg11359984	MYLK;MYLK;MYLK;MYLK	0.00994343	0.156975	0.758986	-1.31755	0.0404639	0.649769	-1.53901	0.392744	0.852562	-1.17293	0.119682	0.735207	-1.36016	0.0206805	0.601933	-1.66132	0.111992	0.72957	-1.37067	0.00203051	0.452606	-2.20943	0.0184312	1.68351	1.68351	0.0150474	0.580186	-1.72358	5.92135	3.11274	0.467272	1
cg08439487	MYLK;MYLK;MYLK;MYLK	0.0141277	0.0649822	0.620458	-1.61171	0.011257	0.481266	-2.07785	0.0551965	0.606124	-1.64983	0.000556693	0.291246	-3.43353	0.0305035	0.55677	-1.79607	0.103477	0.663538	-1.50707	0.0679842	0.624489	-1.60131	0.0345814	0.566891	-1.76401	0.251702	0.758951	-1.31761	5.28408	4.44	0.746897	1
cg23726408	MYLK;MYLK;MYLK;MYLK	0.0155541	0.328715	0.725182	-1.37896	0.157812	1.61833	1.61833	0.203657	0.652021	-1.53369	0.044208	0.478638	-2.08926	0.0929333	0.554755	-1.8026	0.008781	0.345137	-2.8974	0.00102306	0.211853	-4.72025	0.0967832	0.559292	-1.78797	0.19761	0.64784	-1.54359	5.11883	8.23733	1.43042	1
cg23344121	MYLK;MYLK;MYLK;MYLK	0.0178029	?	?	?	0.495381	1.23852	1.23852	0.942765	1.02243	1.02243	0.792287	0.921684	-1.08497	0.00101218	0.221587	-4.5129	0.710598	1.12206	1.12206	0.0244602	2.28943	2.28943	0.239233	1.46352	1.46352	0.458123	0.791791	-1.26296	4.98375	6.69918	1.3442	1
cg02558132	MYLK;MYLK;MYLK;MYLK	0.0186369	0.0107325	0.402781	-2.48274	0.0255882	0.471288	-2.12184	0.0157626	0.432079	-2.31439	0.0285164	0.480442	-2.08142	0.00286064	0.312242	-3.20264	0.132177	0.630734	-1.58545	0.0333901	0.494047	-2.0241	0.383267	0.776007	-1.28865	0.0224823	0.460548	-2.17133	4.81836	6.13925	1.13257	1
cg19611163	MYLK;MYLK;MYLK;MYLK	0.0275644	0.0218869	0.382091	-2.61718	0.118332	0.5526	-1.80963	0.0422749	0.441196	-2.26656	0.00950886	0.31692	-3.15538	0.00623641	0.287369	-3.47985	0.13115	0.565457	-1.76848	0.0329693	0.417965	-2.39255	0.178148	0.606251	-1.64948	0.0143787	0.348042	-2.87321	4.21096	8.16016	1.72252	1
cg03874653	MYLK;MYLK;MYLK;MYLK	0.038203	0.0530039	0.326445	-3.06331	0.00844086	0.180431	-5.5423	0.0764324	0.366593	-2.72782	0.377337	0.630526	-1.58598	0.016925	0.226911	-4.40702	0.0793753	0.371027	-2.69522	0.0126687	0.206463	-4.84348	0.0289687	0.269597	-3.70924	0.118598	0.422076	-2.36924	3.74583	15.378	3.64922	1
cg16531585	MYLK;MYLK;MYLK;MYLK	0.0444968	0.549377	0.861004	-1.16143	0.254483	1.34172	1.34172	0.803352	1.06358	1.06358	0.800834	0.939462	-1.06444	0.336011	0.782641	-1.27773	0.0167017	0.485882	-2.05811	0.167311	0.695128	-1.43858	0.00925983	0.442252	-2.26116	0.0614798	1.68278	1.68278	3.54039	3.42223	0.859223	1
cg04400620	MYLPF	0.00101736	0.00174275	0.397675	-2.51462	0.00235364	0.416174	-2.40284	0.0106493	0.515127	-1.94127	0.37168	0.827394	-1.20861	0.00174422	0.397726	-2.51429	0.00761219	0.492178	-2.03178	5.67E-05	0.213437	-4.68523	0.00972276	0.508846	-1.96523	0.105984	0.694384	-1.44012	11.7092	7.91361	0.60075	1
cg09762897	MYLPF	0.0104443	0.105917	0.768178	-1.30178	0.000316032	2.3904	2.3904	0.162781	1.24921	1.24921	0.473564	1.115	1.115	0.0614347	0.730027	-1.36981	0.216373	1.21443	1.21443	0.726723	1.0538	1.0538	0.523567	1.10135	1.10135	0.913016	0.983814	-1.01645	5.82888	2.05885	0.313969	1
cg08860143	MYLPF	0.026661	0.0534366	0.460654	-2.17083	0.0135753	0.3399	-2.94205	0.262056	0.661532	-1.51164	0.367433	0.720999	-1.38696	0.301655	0.685166	-1.4595	0.299415	0.683877	-1.46225	0.00101802	0.178801	-5.59281	0.40695	1.34949	1.34949	0.549698	0.807465	-1.23844	4.26049	8.42343	1.75742	1
cg06044662	MYLPF;MYLPF	0.0468955	0.834847	0.957216	-1.0447	0.025311	0.572959	-1.74533	0.007223	0.483804	-2.06695	0.410593	0.838418	-1.19272	0.0658078	0.648972	-1.5409	0.111099	0.695209	-1.43842	0.0204548	0.557099	-1.79501	0.0220755	0.562737	-1.77703	0.381645	0.82867	-1.20675	3.47132	2.41175	0.617567	1
cg26190723	MYNN	0.00732634	0.0364818	0.833272	-1.20009	0.867585	0.987558	-1.0126	0.028393	1.21424	1.21424	0.329756	1.07839	1.07839	0.000961985	1.44613	1.44613	0.0915849	1.14957	1.14957	0.0147797	0.798458	-1.25241	0.59561	0.960607	-1.04101	0.540461	1.04759	1.04759	6.52166	0.581495	0.0792566	1
cg27143246	MYNN	0.0224456	0.00241481	0.431317	-2.31848	0.167543	1.34015	1.34015	0.539195	0.883621	-1.13171	0.830684	0.958279	-1.04354	0.00496657	0.477017	-2.09636	0.770084	0.943342	-1.06006	0.634261	0.909024	-1.10008	0.580403	0.894827	-1.11753	0.154747	1.35406	1.35406	4.52269	2.83722	0.557627	1
cg27605208	MYNN	0.042925	0.0299014	0.203594	-4.91173	0.0338482	0.21364	-4.68076	0.259282	0.48038	-2.08169	0.286719	0.501981	-1.99211	0.0105609	0.134812	-7.41775	0.0341188	0.214302	-4.66632	0.0100693	0.132227	-7.56276	0.0798803	0.297981	-3.35592	0.079821	0.297894	-3.35689	3.58818	22.0557	5.46379	1
cg16203711	MYNN;MYNN	0.00204799	0.0325099	0.693993	-1.44094	0.336467	0.865321	-1.15564	0.212675	0.825651	-1.21117	0.273412	1.18101	1.18101	0.495179	1.10638	1.10638	0.874464	1.02335	1.02335	4.18E-05	0.320244	-3.12262	0.547433	1.09293	1.09293	0.06362	1.35579	1.35579	9.57548	3.23096	0.299929	1
cg01808849	MYO10	0.000142515	0.821771	1.04752	1.04752	0.023825	0.574062	-1.74197	0.0250673	0.577844	-1.73057	0.0134263	0.532613	-1.87754	7.43E-05	0.227372	-4.39808	0.00409555	0.452649	-2.20922	0.000115273	0.248689	-4.02109	0.668484	0.915166	-1.0927	1.08E-05	0.144835	-6.90441	20.1326	13.5025	0.596157	1
cg07253712	MYO10	0.000397206	0.66417	0.879094	-1.13753	0.00158845	0.262586	-3.80828	0.0104754	0.386576	-2.58682	0.00716627	0.359089	-2.78483	0.477403	0.808076	-1.23751	0.00168247	0.26593	-3.76039	1.28E-05	0.066865	-14.9555	0.0961148	0.583304	-1.71437	0.000930263	0.232684	-4.29768	15.2296	20.9896	1.22507	1
cg20434856	MYO10	0.000976288	0.66678	0.945109	-1.05808	0.000173958	0.435837	-2.29444	0.26044	1.1653	1.1653	0.0205826	1.43838	1.43838	0.0444617	0.740231	-1.35093	0.00856379	0.645903	-1.54822	0.0114637	0.662146	-1.51024	0.0983166	0.789549	-1.26655	0.00368988	1.66772	1.66772	11.8468	3.18698	0.239124	1
cg07862358	MYO10	0.00105271	0.0324277	0.667194	-1.49882	0.000616934	2.34394	2.34394	8.45E-05	3.13351	3.13351	0.487709	0.892319	-1.12068	0.883105	0.976505	-1.02406	0.446799	0.882229	-1.13349	0.674243	0.933966	-1.0707	0.112495	1.32208	1.32208	0.0167395	1.60303	1.60303	11.5962	4.7959	0.367621	1
cg26807475	MYO10	0.0030811	0.0103889	2.2397	2.2397	0.000277865	4.42038	4.42038	0.268693	1.33353	1.33353	0.704638	1.09983	1.09983	0.0262676	0.517586	-1.93205	0.127198	1.51003	1.51003	0.679528	0.901415	-1.10937	0.00383669	2.64775	2.64775	0.0368873	1.83244	1.83244	8.49059	8.39458	0.878837	1
cg08218061	MYO10	0.00347547	0.397708	1.41012	1.41012	0.359567	0.688072	-1.45334	0.00974204	0.273213	-3.66014	0.000997901	0.143718	-6.95805	0.0190947	0.324388	-3.08273	0.0230638	0.340096	-2.94035	0.000590836	0.121707	-8.21645	0.577225	1.25045	1.25045	0.0243019	0.34456	-2.90226	8.19103	20.434	2.2175	1
cg20464143	MYO10	0.00621314	0.0173377	0.272925	-3.66402	0.00163204	0.132367	-7.55473	0.642597	0.811055	-1.23296	0.153953	0.504612	-1.98172	0.00299661	0.161356	-6.19747	0.128534	0.478955	-2.08788	0.0011969	0.119161	-8.39197	0.0111995	0.240684	-4.15483	0.0895148	0.432191	-2.31379	6.8647	21.8313	2.82686	1
cg03104157	MYO10	0.00749251	0.258988	1.25404	1.25404	0.142317	1.35416	1.35416	0.0153854	0.564587	-1.7712	0.0549635	1.51941	1.51941	0.145001	1.35102	1.35102	0.0091993	1.88821	1.88821	0.00411897	2.09517	2.09517	0.00315861	2.17128	2.17128	0.58393	1.11216	1.11216	6.47604	3.78964	0.520158	1
cg11010395	MYO10	0.00842016	0.221437	0.815778	-1.22582	0.0931059	1.33999	1.33999	0.127581	0.77027	-1.29825	0.378812	0.866716	-1.15378	0.000214637	0.375692	-2.66176	0.936311	1.01274	1.01274	0.254701	0.828276	-1.20733	0.710158	0.942573	-1.06093	0.0207514	0.643352	-1.55436	6.2426	2.48144	0.353334	1
cg24941373	MYO10	0.00939051	0.852823	1.06482	1.06482	0.0265456	2.43325	2.43325	0.12118	1.76533	1.76533	0.0054518	0.290434	-3.44313	?	?	?	0.338872	0.716479	-1.39571	?	?	?	0.0600055	0.487931	-2.04947	0.00991537	0.332283	-3.00948	6.30483	8.88333	1.61025	1
cg24556395	MYO10	0.00960904	0.857919	1.0583	1.0583	0.258146	0.688587	-1.45225	0.230393	0.671742	-1.48867	0.0679772	1.90863	1.90863	0.420974	0.771078	-1.29689	0.272329	1.4352	1.4352	0.014489	0.385749	-2.59236	0.00082092	4.92434	4.92434	0.129393	1.67888	1.67888	5.98638	9.48036	1.40769	1
cg05713044	MYO10	0.0109929	0.00188536	2.58197	2.58197	0.0656453	0.640964	-1.56015	0.0868855	1.50243	1.50243	0.05452	1.59942	1.59942	0.0544857	0.625176	-1.59955	0.175404	1.36375	1.36375	0.0194399	1.83729	1.83729	0.257469	1.28973	1.28973	0.680645	0.914751	-1.09319	5.73372	4.20939	0.652574	1
cg20535838	MYO10	0.0181853	0.936022	1.01535	1.01535	0.328904	1.21076	1.21076	0.0366934	0.630853	-1.58515	0.300081	0.815617	-1.22607	0.00138243	2.41127	2.41127	0.649339	0.916788	-1.09076	0.0657721	1.47973	1.47973	0.903859	1.0232	1.0232	0.103487	0.713223	-1.40209	4.85835	2.77167	0.507106	1
cg09169455	MYO10	0.0210898	0.134155	0.648689	-1.54157	0.0256205	2.03487	2.03487	0.990285	0.996743	-1.00327	0.109608	0.626654	-1.59578	0.0174474	0.460534	-2.17139	0.612105	0.871963	-1.14684	0.0558002	0.559569	-1.78709	0.933719	0.97796	-1.02254	0.00399714	0.354676	-2.81948	4.62029	5.25316	1.01065	1
cg26872742	MYO10	0.0257556	0.0359733	0.186473	-5.3627	0.725222	0.784321	-1.27499	0.995451	0.996083	-1.00393	0.21714	0.409051	-2.44468	0.0292437	0.170614	-5.86117	0.0713017	0.249893	-4.00172	0.00187428	0.0480294	-20.8206	0.0120761	0.115965	-8.62326	0.105494	0.295972	-3.37869	4.31227	32.3666	6.67173	1
ch.5.432310R	MYO10	0.0270437	0.00582608	0.12366	-8.08672	0.00715972	0.133965	-7.46465	0.0461578	0.266448	-3.75308	0.0208529	0.199916	-5.00211	0.0210342	0.200548	-4.98633	0.145955	0.405105	-2.4685	0.0351557	0.241584	-4.13934	0.0875127	0.335569	-2.98001	0.247165	0.496352	-2.0147	4.23926	22.499	4.7176	1
cg15954031	MYO10	0.0338454	0.0331437	0.256556	-3.89778	0.00898246	0.162878	-6.13958	0.0187805	0.211159	-4.73578	0.152428	0.432905	-2.30997	0.0211861	0.22013	-4.54277	0.140892	0.421022	-2.37517	0.00948599	0.166092	-6.02075	0.101537	0.375613	-2.66231	0.0837332	0.351546	-2.84458	3.91426	18.4953	4.20009	1
cg07291317	MYO10	0.0379644	0.065892	1.74313	1.74313	0.0075424	2.52383	2.52383	0.472826	1.21729	1.21729	0.0712554	1.7204	1.7204	0.214611	1.42163	1.42163	0.0037384	2.87002	2.87002	0.571607	1.16642	1.16642	0.816433	0.939303	-1.06462	0.600802	0.867473	-1.15277	3.75442	4.3119	1.02087	1
cg01235659	MYO10	0.0414648	0.0287814	0.297154	-3.36526	0.00925509	0.211342	-4.73166	0.0347198	0.313972	-3.18499	0.335434	0.626608	-1.59589	0.0121572	0.229759	-4.3524	0.413797	0.674925	-1.48165	0.0183259	0.259979	-3.84646	0.125165	0.45791	-2.18384	0.131965	0.465273	-2.14928	3.63455	12.7476	3.11764	1
cg19697232	MYO10	0.0416361	0.444256	0.783414	-1.27646	0.746084	0.903315	-1.10703	0.184037	0.643364	-1.55433	0.137054	0.605778	-1.65077	0.204009	0.657343	-1.52128	0.0953758	0.563596	-1.77432	0.0952059	0.563398	-1.77495	0.0474476	0.491798	-2.03336	0.0010789	0.220739	-4.53023	3.62901	5.62969	1.37894	1
cg03322424	MYO10	0.0416475	0.271151	1.20012	1.20012	0.513558	1.11126	1.11126	0.145075	1.28297	1.28297	0.628542	1.08072	1.08072	0.748468	1.05256	1.05256	0.0509752	1.42473	1.42473	0.00291819	0.521423	-1.91783	0.165464	1.2656	1.2656	0.973637	0.994752	-1.00528	3.62864	1.45713	0.356945	1
cg20763327	MYO10	0.0480906	0.150926	2.01446	2.01446	0.0201331	3.58023	3.58023	0.0478382	2.79947	2.79947	0.00842576	4.62219	4.62219	0.830827	1.10224	1.10224	0.185939	1.89286	1.89286	0.571546	0.770944	-1.29711	0.0233812	3.42995	3.42995	0.103176	2.25032	2.25032	3.43852	11.274	2.91445	1
cg06742628	MYO10	0.0482416	0.501516	1.30364	1.30364	0.797862	0.905054	-1.10491	0.614513	0.820864	-1.21823	0.377568	0.703328	-1.42181	0.00275706	0.200814	-4.97974	0.27357	0.64218	-1.5572	0.0148824	0.312151	-3.20358	0.571332	1.24903	1.24903	0.120315	0.519451	-1.92511	3.43444	8.21846	2.12707	1
cg04391754	MYO15A	4.85E-05	0.739179	1.05149	1.05149	0.905223	0.982259	-1.01806	0.000470322	0.437848	-2.2839	5.77E-06	0.215758	-4.63483	7.59E-06	0.227981	-4.38633	0.711353	0.945675	-1.05745	0.0423237	1.4211	1.4211	0.098494	0.761633	-1.31297	0.0247742	0.669229	-1.49426	26.8401	9.59994	0.31793	1
cg04767880	MYO15A	7.57E-05	0.00209485	0.47419	-2.10886	0.00640069	0.542524	-1.84324	0.310168	1.19845	1.19845	0.0112747	0.578592	-1.72833	9.35E-06	0.30088	-3.32359	5.13E-06	0.167448	-5.97201	0.0058635	1.86208	1.86208	0.43025	1.14888	1.14888	0.102091	0.734591	-1.3613	23.845	11.2223	0.418342	1
cg07919128	MYO15A	0.000134146	0.148055	0.862724	-1.15912	0.0461627	0.804602	-1.24285	0.000492398	0.594921	-1.68089	0.139003	1.16363	1.16363	0.0349069	0.791411	-1.26357	1.83E-06	0.323034	-3.09565	0.141176	0.860201	-1.16252	0.0305518	0.78518	-1.27359	0.146569	0.862187	-1.15984	20.4632	2.93482	0.127484	1
cg22276227	MYO15A	0.000730388	0.00538257	0.454441	-2.20051	0.007842	0.479808	-2.08417	0.00212311	0.394753	-2.53323	0.556508	0.879849	-1.13656	2.41E-05	0.163406	-6.11974	0.00301371	0.416746	-2.39954	0.0584294	0.631143	-1.58443	0.00320926	0.420754	-2.37669	0.0223038	0.554647	-1.80295	12.8568	9.4325	0.65214	1
cg20237773	MYO15A	0.00240628	0.0068293	0.315771	-3.16685	0.000354083	0.151481	-6.60148	0.654726	0.862362	-1.15961	0.239945	0.66712	-1.49898	0.00860317	0.332094	-3.0112	0.00445488	0.287067	-3.48351	0.0017448	0.230338	-4.34144	0.00218452	0.243197	-4.11189	0.0294008	0.430011	-2.32552	9.13409	15.656	1.52357	1
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1050 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1111 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1122 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Error)
cg13622317	MYO15B	0.00875136	0.00841561	0.232285	-4.49873	0.626295	0.803355	-1.34478	0.0755927	0.4312203	-2.42002	0.0414766	0.859262	2.80932	0.00413796	0.17943	5.573719	0.0445442	0.356729	-2.80325	0.00822066	0.2207254	4.52994	0.8242381	1.079444	1.0188544	0.2805117	3.564853	6.17495	19.5271	2.81094	1
cg22287064	MYO15B	0.0105174	0.00214928	0.235526	-4.24581	0.0751531	1.94415	1.94415	0.2551108	1.48879	1.488979	0.4888845	1.26606	1.266606	0.0976168	0.334069	2.99339	0.0592962	2.04284	2.04284	0.526372	0.806234	-1.24033	0.146384	0.592697	-1.6872	0.0867874	0.530145	-1.88628	0.581584	10.3683	1.58468	1
cg25032094	MYO15B	0.0176279	0.00857653	0.387471	-2.58094	0.0210065	3.99966	3.99966	0.7554848	0.855585	-1.16879	0.356874	0.623054	-1.605	0.0126015	0.212491	-4.70609	0.425856	0.666315	-1.50079	0.0143317	0.51569	4.51569	0.03916	0.3036937	-3.29276	0.228891	0.577146	-1.73266	4.90946	19.3836	3.50953	1
cg26390536	MYO15B	0.0293663	0.00723262	0.437206	-2.28728	0.0493796	2.035163	2.035163	0.8426649	1.07937	1.07937	0.4830127	1.097803	1.097803	-1.25344	0.3169343	3.3507	0.2395447	1.47734	1.47734	0.1443851	1.64474	1.64474	0.0312815	0.4545687	-2.1998	0.2434905	0.679308	-1.47209	4.11789	6.54795	1.41344	1
cg18124162	MYO15B	0.0017089	1.64E-05	0.30391	-3.29045	0.900191	1.017	1.017	0.0127153	0.659744	-1.51574	0.0244986	0.697726	-1.43323	3.06E-05	0.3348933	-2.98603	0.450989	0.901981	-1.10867	0.159278	1.221391	1.221391	0.179026	1.21136	1.211136	0.00996768	0.645893	-1.54824	19.1071	5.4779	0.254002	1
cg04869379	MYO15B	0.0016464	0.00062521	0.244052	-4.09749	0.8234459	0.933686	-1.07102	0.0136818	0.3912132	-2.55023	0.0157555	0.403094	-2.48385	0.00494499	0.1873757	-5.13741	0.0373347	0.476134	-2.10225	3.52E-05	0.0860509	-11.621	0.665528	1.14289	1.14289	0.00604513	0.332491	0.007061	13.4288	20.055	1.3375	1
cg20371573	MYO15B	0.0008764094	0.0821481	1.45627	1.45627	7.44E-05	0.245487	-4.07354	0.0651193	0.667528	-1.49806	0.0606188	1.51115	1.51115	0.00695078	1.97701	1.97701	0.892411	1.02676	1.02676	0.00296605	2.21646	2.21646	0.545647	1.12678	1.12678	0.743307	1.06624	1.06624	1.22137	7.36826	0.536249	1
cg01244467	MYO15B	0.0009203102	0.3991151	0.879666	-1.14069	0.27764	0.84185	-1.18786	0.0009418	0.647556	-2.12059	0.203014	0.8477272	-1.22734	7.86E-05	0.1365833	-7.32703	0.46863	1.11988	1.11988	0.02109971	1.860206	1.860206	0.704551	1.109061	1.109061	0.05963172	0.7562251	-1.32266	12.0464	4.43601	0.327328	1
cg05383784	MYO15B	0.0013081	0.393286	1.10316	1.10316	2.88419	1.113171	1.113171	0.0273926	0.240141	1.34041	0.250751	1.144223	1.144223	0.00141286	0.4740928	-2.09026	0.0160807	0.718409	-1.39196	0.580541	0.939261	-1.06462	0.145931	0.8392442	-1.19155	0.0206979	1.36717	1.36717	0.945431	1.057438	1
cg22584645	MYO15B	0.004634	0.0498606	0.555589	-1.81294	0.504681	0.835216	-1.1973	0.620128	1.14214	1.14214	0.540426	0.848028	-1.17921	7.88E-05	0.149746	-6.67799	0.0497814	0.551444	-1.81342	0.0307854	0.509304	-1.96346	0.424836	0.8051108	-1.24207	0.028442	0.502649	-1.98946	7.5105	8.41537	0.995582	1
cg13744822NOV	MYO15B	0.0017839	0.00370994	0.200226	-5.00001	0.0156252	0.72526	-1.37866	0.0144955	0.354355	-1.83976	0.0035756	0.307115	-3.25473	0.00124409	0.2836402	-3.523	0.7612095	0.885498	-1.12931	0.0020756	0.1762	0.567537	1.761995	0.4048851	-2.0006	0.0333095	0.370664	2.69786	6.39068	16.1133	2.24094	1
cg27651090	MYO15B	0.0082698	0.25044	0.579758	-1.31933	0.774747	1.06845	1.06845	0.0177035	0.194575	1.94575	0.16399	1.40876	1.40876	0.00456695	0.279747	-3.57466	0.0091696	0.974016	-1.02668	0.702394	1.09263	0.0521709	1.66474	1.66474	0.650392	0.900067	-1.11103	6.27818	5.29469	0.749642	1
cg13284201	MYO15B	0.0091059	0.3588839	0.781165	-1.28014	0.0886199	2.38307	2.38307	0.0005637	0.2124855	2.38307	0.0005637	0.861374	-1.16094	0.585236	0.944632	-1.65861	0.0170489	1.3507	1.3507	-1.16095	0.0670348	1.53646	1.53646	0.1044774	1.23636	0.0144777	1.36534	1.36534	5.53268	0.936074	0.150391	1
cg02689205	MYO15B	0.0176	0.0147877	0.103379	0.733536	-1.36326	0.658877	0.525626	-1.08035	0.0722537	0.70541	-1.41762	0.0636374	0.654941	-1.52686	0.0100481	0.572	-1.74825	0.507977	1.12393	1.12393	0.113044	1.3499	0.0156889	1.67394	1.67394	0.0693192	1.424	1.4242	5.20516	2.49466	0.426016	1
cg26775707	MYO15B	0.0104603	0.4944515	0.914415	0.0292993	0.72252	0.722052	0.0288359	0.833599	0.8339	0.833599	0.137281	1.32802	1.32802	0.0015192	8.7866	8.7866	0.133906	4.18609	4.18609	0.00210132	45.7478	45.7478	0.0179191	12.788	12.788	0.0289337	9.79032	9.79032	4.38019	54.5122	11.0473	1
cg21603848	MYO15B	0.0318552	0.0900594	2.4522	2.4522	0.273028	1.72929	1.72929	0.976372	1.01432	1.01432	0.0724761	2.61757	2.61757	0.01484427	4.21602	4.21602	0.071029	2.62162	2.62162	0.00335854	6.66124	6.66124	0.0195037	3.87866	3.87866	0.0434708	3.04899	3.04899	3.99857	14.598	3.24516	1
cg08406009	MYO15B	0.0320497	0.0719885	5.42762	5.42762	0.0297957	4.75694	4.75694	0.726878	1.34698	1.34698	0.226705	2.93928	2.93928	0.03887842	7.62439	7.62439	0.880098	1.1368	1.1368	0.00328127	30.0663	30.0663	0.00914669	16.6454	16.6454	0.0343765	8.16342	8.16342	3.99366	45.616	10.1581	1
cg17856559	MYO15B	0.0082527	0.4314555	0.2	0.0076662	0.468547	-2.4477	0.0433704	0.5450596	-1.83467	0.1139135	0.6428897	-1.55546	0.0080984	0.4124442	-2.45458	0.1139135	0.3016645	0.756146	-1.3225	0.4163252	0.8049151	-1.24231	0.471128	0.8257338	-1.21104	0.0566663	0.569217	-1.7568	3.92474	6.268071	0.960473	1
cg16055132	MYO15B	0.0429421	0.54608	0.906503	-1.10314	0.7755095	0.727657	-1.37427	0.0212315	0.640805	-1.56054	0.619015	1.08388	1.08388	0.20868	1.23733	1.23733	0.0835378	1.36039	1.36039	0.03680328	1.47657	1.47657	0.0774299	0.7239494	-1.37081	0.879559	0.975936	-1.02466	1.58765	1.46702	0.363475	1
cg06211323	MYO15B	0.046109	0.100324	1.52862	1.88746	0.1327	0.553284	-1.80744	0.544154	0.840903	-1.17777	0.607674	0.840903	-1.17777	0.607674	0.8380302	-1.19346	0.0265533	0.933815	-1.07121	0.9327002	0.209532	-4.77254	0.0648908	0.4424197	-2.07815	0.627647	0.841587	-1.18823	4.94948	6.888557	1.75274	1
cg06962748	MYO15B	0.0468991	0.0948699	0.417676	-2.1201	0.724722	1.55725	-1.15575	0.23199	0.598579	-1.67062	0.232043	0.598579	-1.67062	0.232043	0.0977551	0.252571	0.0144424	0.381841	-2.61889	0.0158305	0.298037	-3.35529	0.446771	0.729042	-1.37166	0.0266386	0.341119	-2.93152	5.47122	9.214327	3.25956	1
cg18942226	MYO16/MYO1	0.0223651	0.0101085	0.454208	-2.20304	0.0188299	2.38307	2.38307	0.0005637	0.2124855	2.38307	0.0005637	0.861374	-1.16094	0.585236	0.944632	-1.65861	0.0170489	1.3507	1.3507	-1.16095	0.0670348	1.53646	1.53646	0.1044774	1.23636	0.0144777	1.36534	1.36534	5.53268	0.936074	0.150391	1
cg05005586	MYO16/MYO1	4.79E-05	0.139036	0.619314	-1.61469	0.00173066	1.83731	1.83731	0.340489	1.34392	1.34392	0.130069	1.63565	1.63565	8.07E-07	0.0187706	-53.2747	0.0895278	1.28388	1.28388	0.263606	0.857437	-1.16627	0.465143	1.10432	1.10432	0.0411773	1.3695	1.3695	8.62564	2.49091	0.250851	1
cg17129576	MYO16/MYO1	0.00346014	0.20393	0.886715	-1.12764	0.0752089	1.97251	1.97251	0.1422225	0.00407307	3.139426	0.0013225	2.364613	2.364613	0.0222971	0.464168	-2.15439	0.0002485	4.02925	4.02925	0.0001925	5.196	5.196	0.0018744	3.482816	3.482816	0.0012014	2.82606	2.82606	3.755607	0.938284	0.170588	1
cg19917030	MYO16/MYO1	0.00452544	0.1195576	1.31203	1.31203	0.132654	1.29809	1.29809	0.0814693	1.36412	1.36412	0.0378188	0.533526	-1.87432	0.151514	1.2803	1.2803	0.790739	1.04369	1.04369	0.00450255	0.410836	-2.43406	0.560968	0.9078002	-1.09914	0.515735	0.899455	-1.11178	7.56477	3.09761	0.363981	1
cg10440593	MYO16/MYO1	0.0104859	0.2249852	0.210956	-4.73986	0.800852	1.32594	1.32594	0.0695684	1.22023	1.22023	0.0133136	1.85209	1.85209	0.0001956	5.399	5.399	0.294825	2.83082	2.83082	0.1204	0.3535884	1.55688	1.55688	0.2815572	1.20908	0.0098493	0.833897	-1.31557	7.20908	3.49141	0.413627	1
cg00426498	MYO16/MYO1	0.0088307	0.306115	0.873922	-1.14427	0.0742388	1.28788	1.28788	0.741118	0.95877	1.04211	0.0923241	1.72318	1.72318	0.036396	0.2862272	-1.15973	0.2636736	0.767084	-1.30364	0.100993	0.795778	-1.25663	0.0952147	0.658456	-1.51847	0.0821568	1.27754	2.67914	6.149428	0.575636	0.227721	1
cg13095724	MYO16/MYO1	0.00969675	0.0573169	0.873866	-1.14434	0.4166496	1.05343	1.05343	0.0126131	1.21468	1.21468	0.0701849	0.880798	-1.13531	0.202656	0.919121	-1.088	0.486222	1.04536	1.04536	0.171868	1.09548	1.09548	0.113748	1.11394	1.11394	0.00134677	1.33914	1.33914	5.96905	0.371697	0.0553157	1
cg16886468	MYO16/MYO1	0.0461209	0.2013354	0.4966	-1.8744	0.0237116	0.553284	-1.80744	0.544154	0.840903	-1.17777	0.607674	0.840903	-1.17777	0.607674	0.8380302	-1.19346	0.0265533	0.933815	-1.07121	0.9327002	0.209532	-4.77254	0.0648908	0.4424197	-2.07815	0.627647	0.841587	-1.18823	4.94948	6.888557	1.75274	1
cg03378797	MYO16/MYO1	0.0122877	0.0666991	0.749183	-1.33479	0.278188	1.14354	1.14354	0.17652	0.03614	1.03614	0.774288	0.966378	-1.03479	0.428607	0.90837	-1.10087	0.0377993	0.750868	-1.33179	0.00606178	1.87523	1.87523	0.808122	1.02936	1.02936	0.50621	1.08353	1.83553	5.53077	1.23936	0.199186	1
cg26986447	MYO16/MYO1	0.111128	0.2296297	0.4355	-2.29603	0.0384332	1.35094	1.35094	0.0778188	0.524141	1.31409	0.1180887	0.743114	1.34539	0.0124907	0.466044	-2.14529	0.0774248	0.515	-1.94242	0.0034599	0.889651	-1.11544	0.8442	0.8956511	-1.11642	0.0238455	0.447509	2.23431	5.42235	5.60706	2.102836	1
cg17949256	MYO16/MYO1	0.0206999	0.76452	1.08842	1.08842	0.324542	1.33235	1.33235	0.104742	1.64885	1.64885	0.140564	1.56379	1.56379	0.583045	1.16925	1.16925	0.229936	1.42656	1.42656	0.00113169	0.258964	-3.86154	0.244113	1.41015	1.41015	0.0876011	1.70204	1.70204	4.64981	5.85405	1.11986	1
cg27392559	MYO16/MYO1	0.0233746	0.357071	0.758626	-1.31817	0.258673	0.70913	-1.41018	0.301652	1.36639	1.36639	0.236711	1.44559	1.44559	0.0445807	0.332253	-3.00976	0.147249	1.57395	1.57395	0.0814198	1.7565	1.7565	0.0166175	2.34678	2.34678	0.0399754	1.28584	1.28584	4.95943	6.00881	1.19746	1
cg25194201	MYO16/MYO1	0.0193789	0.4979301	0.2	0.0095125	0.5	1.3513	1.3513	0.15135	0.304965	1.08214	0.4655991	1.1925	1.1925	0.0178312	0.4655991	-2.14801	0.0003587	2.36401	2.36401	0.00025	0.7238282	1.6992669	1.6992669	0.0098454	1.47445	1.47445	0.015159	1.01278	1.01278	4.45965	6.120053	0.919822	1
cg12792509	MYO16/MYO1	0.0258527	0.156192	0.789187	-1.26713	0.229734	0.821451	-1.21736	0.00527133	0.563197	-1.77558	0.116956	1.30448	1.30448	0.448768	0.886498	-1.12803	0.0065788	0.576498	-1.73461	0.129757	1.29104	1.29104	0.432055	0.88237	-1.13331	0.482779	0.894646	-1.11776	4.30661	1.66141	0.342016	1
cg11446651	MYO16/MYO1	0.0280283	0.1496462	0.349646	-2.85402	0.0740147	1.84229	1.84229	0.1818691	1.16353	1.16353	0.0577138	1.55302	1.55302	0.0026205	0.644007	-1.57907	0.0102664	0.7724	0.7724	0.0824203	1.294	1.294	0.1088643	1.29422	1.29422	0.1088458	1.33829	1.33829	6.24368	7.14526	1.13254	1
cg20029153	MYO16/MYO1	0.0352248	0.0413355	2.23054	2.23054	0.0355333	1.84523	1.84523	0.0039719	0.374492	2.13491	0.0025822	1.155022	1.5522	0.0956032	1.86632	1.86632	0.421276	1.315	1.315	0.189369	1.60634	1.60634	0.467467	1.27994	1.27994	0.854821	1.06443	1.06443	3.85818	7.1016	1.63614	1
cg13672501	MYO16/MYO1	0.0168069	0.567763	0.80458	-1.24288	0.0361719	0.399611	-2.50243	0.896251	1.05035	1.05035	0.316374	1.477	1.477	0.00583193	0.256851	-3.89331	0.422145	1.36169	1.36169	0.0901285	2.01982	2.01982	0.0780075	2.09032	2.09032	0.482747	1.30812	1.30812	3.7971	8.52528	1.99574	1
cg13445651	MYO16/MYO1	0.0481084	0.1496456	0.349646	-2.85402	0.0740147	1.84229	1.84229	0.1818691	1.16353	1.16353	0.0577138	1.55302	1.55302	0.0026205	0.644007	-1.57907	0.0102664	0.7724	0.7724	0.0824203	1.294	1.294	0.1088643	1.29422	1.29422	0.1088458	1.33829	1.33829	6.24368	7.14526	1.13254	1
cg20029153	MYO16/MYO1	0.0352248	0.0413355	2.23054	2.23054	0.0355333	1.84523	1.84523	0.0039719	0.374492	2.13491	0.0025822	1.155022	1.5522	0.0956032	1.86632	1.86632	0.421276	1.315	1.315	0.189369	1.60634	1.60634	0.467467	1.27994	1.27994	0.854821	1.06443	1.06443	3.85818	7.1016	1.63614	1
cg13672501	MYO16/MYO1	0.0168069	0.567763	0.80458	-1.24288	0.0361719	0.399611	-2.50243	0.896251	1.05035	1.05035	0.316374	1.477	1.477	0.00583193	0.256851	-3.89331	0.422145	1.36169	1.36169	0.0901285	2.01982	2.01982	0.0780075	2.09032	2.09032	0.482747	1.30812	1.30812	3.7971	8.52528	1.99574	1
cg13095560	MYO16/MYO1	0.0481084	0.1496456	0.349646	-2.85402	0.0740147	1.84229	1.84229	0.1818691	1.16353	1.16353	0.0577138	1.55302	1.55302	0.0026205	0.644007	-1.57907	0.0102664	0.7724	0.7724	0.0824203	1.294	1.294	0.1088643	1.29422	1.29422	0.1088458	1.33829	1.33829	6.24368	7.14526	1.13254	1
cg20279256	MYO16/MYO1A;TIAF1	4.66E-05	0.145567	1.25733	1.25733	4.98E-06	1.65415	1.65415	2.81E-06	5.1783	5.1783	0.0050391	1.72211	1.72211	0.0007545	0.993727	-1.00631	0.0001744	0.0007247	0.0007247	1.63177	1.63177	0.143697	2.2588	2.2588	27.1217	0.223171	0.302298	1
cg27228741	MYO16/MYO1A;TIAF1;TIAF1	0.0129244	0.57431	0.742966	-1.34656	0.0752089	1.97251	1.97251	0.1422225	0.00407307	3.139426	0.0013225	2.364613	2.364613	0.0222971	0.464168	-2.15439	0.0002485	4.02925	4.02925	0.0001925	5.196	5.196	0.0018744	3.482816	3.482816	0.0012014	2.82606	2.82606	3.755607	0.938284	0.170588	1
cg25013838	MYO18B	0.00027922	0.178908	0.890201	-1.12334	0.428549	0.936289	-1.06805	2.92E-05	0.512871	-1.9498	0.462601	0.933127	-1.07166	0.106481	0.866258	-1.15439	0.0822695	0.555156	-1.80129	0.0223158	0.1547	0.647353	1.544809	0.0945206	1.05812	0.0450501	0.983876	2.57549	5.44245	4.52411	0.427489	1
cg02782756	MYO18B	0.0049828	0.401423	0.839326	-1.19126	0.5987705	0.904704	1.10579	0.0303332	0.583701	-1.7042	0.0703574	0.4982	-2.0073	0.00058376	0.324824	-3.07859	0.0574067	0.64377	-1.5537	0.0158873	0.607268	1.647168	0.544141	0.87825	-1.13863	0.0036345	0.430529	2.29775	7.34633	5.20281	0.629528	1
cg20326737	MYO18B	0.0146491	0.360047	1.15154	1.15154	0.186134	0.810439	-1.2339	0.00195967	0.518743	-1.92774	0.234263	1.20558	1.20558	0.1183153	0.775511	-1.28947	0.462035	1.11881	1.11881	0.00985993	1.63073	1.63073	0.879174	1.02307	1.02307	0.14325	0.789883	-1.26601	5.22136	1.85925	0.31652	1
cg21941879	MYO19/MYO19	0.0470393	0.782775	1.27823	1.27823	0.0425142	0.464967	0.0025703	0.0001	0.135454	-1.85364	0.0001	0.135454	-1.85364	0.0001	0.135454	-1.85364	0.0001	0.135295	0.0001	0.135295	0.0001	0.135295	0.0001	0.135295	0.0001	0.135295	0.0001	0.135295	0.0001	0.135295	0.0001	1
cg03143789	MYO19/MYO19	0.0342789	0.902615	1.0706	1.0706	0.0378302	0.261255	-3.82768	0.126856	0.398403	-2.51002	0.437938	0.643404	-1.55423	0.000674263	0.0551483	-18.1329	0.838232	1.892319	-1.12068	0.425505	0.635366	-1.5739	0.276099	0.531833	-1.88029	0.418764	0.630982	-1.58483	3.89224	19.1487	4.37307	1
cg24527131	MYO19/MYO19;MYO19	0.0195732	0.0409715	2.4426884	-3.83912	0.198093	0.615981	-1.62343	0.326599	0.639742	-1.43443	0.286545	0.674206	-1.48323	0.00145295	0.194266	-5.14759	0.0154301	0.346002	-2.88266	0.910416	0.9807091	-1.04091	0.743874	0.8705111	-1.14742	0.0621114	0.473239	2.11314	4.78997	9.23447	1.78632	1
cg20280620	MYO19/MYO19;PIGW	0.0182143	0.1873782	0.788108	-1.26853	0.112153	1.31151	1.31151	0.0313257	0.1914059	1.45532	0.145532	0.8898982	0.970386	-1.03052	0.540034	1.15814	1.15814	0.0729048	0.440923	-2.26797	0.0236964	0.379514	-2.67728	0.946058	0.984114	-1.01614	0.807081	1.0342	1.0342	4.35431	0.438417	0.788497	1
	MYO19/MYO19;PIGW;MYO19;MYO19;																																
cg03513645	MYO19/MYO19	0.0391742	0.0887935	0.480859	-2.07961	0.528545	0.779543	-1.2828	0.602197	1.22768	1.22768	0.0262689	0.357683	-2.79577	0.0843582	0.474869	-2.10584	0.00761418	0.262241	-3.81328	0.2684966	1.56684	1.56684	0.197634	1.70092	1.70092	0.36836	1.43388	1.43388	3.71151	8.943	2.14181	1
cg24947456	MYO1A	0.0457918	0.148303	0.717161	-1.39493	0.0295332	0.577463	-1.73171	0.0022852	0.688953	-1.45202	0.0139763	0.688953	-1.73186	0.0184238	0.541888	-1.8454	0.0080363	0.482358	-2.07243	0.0015851	0.729378	1.38126	0.5013274	0.5863996	-1.70533	0.0078855	0.477008	-2.09605	0.0614406	0.636072	-1.57067	0.0115144	5.10147	0.644607	1
cg26245432	MYO1A	0.0222744	0.162703	0.382201	-2.61642	0.695148	2.2894	1.2894	0.311555	0.508816	-1.96535	0.0213712	0.167831	-5.95838	0.0259938	0.181704	-5.50345	0.11499	0.330848	-3.02253	0.00148391	0.051901	-19.2674	0.0322843	0.1983	-5.04286	0.0349669	0.214969	-4.65184	4.5346	29.9133	5.86371	1
cg01514487	MYO1A	0.0400061	0.0297705	0.225466	-4.43526	0.326344	0.554219	-1.80434	0.141291	0.39798	-2.51269	0.128591	0.384186	-2.60291	0.0477249	0.267514	-3.73813	0.12365	0.378617	-2.64119	0.0124797	0.163592	-6.11277	0.00333189	0.0975627	-10.2498	0.1141113	0.367502	-2.72107	1.68293	19.786	4.77541	1
cg19047456	MYO1B;MYO1B;MYO1B	0.0002453868	0.0001047	0.363426	-2.75103	0.0774363	0.71473	-1.39998	0.0295332	0.577463	-1.73171	0.0022852	0.688953	-1.73186	0.0184238	0.541888	-1.8454	0.0080363	0.482358	-2.07243	0.0015851	0.729378	1.38126	0.5013274	0.5863996	-1.70533	0.0078855	0.477008	-2.09605	0.0614406	0.636072	-1.57067	0.0115144	5.10147	0.644607	1
cg15617019	MYO1B;MYO1B;MYO1B	0.0005647	0.0001661	0.443954	-2.26242	0.0062849	0.402301	-2.4857	0.0025173	0.50412	-1.98366	0.0102535	0.58962	-1.69601	0.0053813	0.11665	-11.1665	0.0439579	1.45929	1.45929	0.00374378	0.527804	-1.89464	0.288183	0.8352253	-1.19724	0.31797	1.18355	1.18355	12.2666	5.59602	0.375228	1
cg00762210	MYO1B;MYO1B;MYO1B	0.0076323	0.3949351	0.7	0.0048332	0.5	0.567123	-1.76303	0.0222229	0.5	-2.00393	0.0222229	0.5	-2.00393	0.0222229	0.5	-2.00393	0.0222229	0.5	-2.00393	0.0222229	0.5	-2.00393	0.0222229	0.5	-2.00393	0.0222229	0.5	-2.00393	0.0222229	0.5	-2.00393	0.0222229	1
cg27650841	MYO1B;MYO1B;MYO1B	0.00357991	0.361789	0.787479	-1.26988	0.0526065	1.7535	1.7535	0.559195	1.16245	1.16245	0.0668554	0.592364	-1.68815	0.00396235	0.372484	-2.68468	0.00455269	0.244485	-4.09023	0.0114407	0.446388	-2.2402	0.263816	1.34565	1.34565	0.364871	1.26783	1.26783	8.11874	8.35268	0.914503	1
cg13443385	MYO1B;MYO1B;MYO1B	0.0043558	0.0552901	0.778184	-1.28504	0.0614933	0.661924	-1.51075	0.00876355	0.680181	-1.4702	0.637897	1.05625	0.0525	0.00582749	0.51708	-1.51708	0.471728	0.918969	-1.08818	0.0598413	1.51395	1.51395	0.076732	0.7974	-1.25408	0.9493	0.992777	-1.00728	0.653187	1.615511	0.187589	1
cg27167076	MYO1B;MYO1B;MYO1B	0.0062467	0.372724	0.7	0.0038092	0.5	1.7535	1.7535	0.559195	1.16245	1.16245	0.0668554	0.592364	-1.68815	0.00396235	0.372484	-2.68468	0.00455269	0.244485	-4.09023	0.0114407	0.446388	-2.2402	0.263816	1.34565	1.34565	0.364871	1.26783

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg23877625	MYO1F	0.0372405	0.0453144	2.06522	0.25203	0.40438	0.48819	0.07658046	0.3221666	1.10351	0.7147771	0.8094703	0.340106	0.96251	0.4192821	0.623737	0.1084	0.65637671	0.129465	0.72407	0.0271878	0.137933	0.380137	2.63063	3.78092
cg03725064	MYO1F	0.0445434	0.0476904	0.5925114	0.168772	0.5572278	0.608224	1.64413	0.0462083	0.589836	1.69539	0.306019	0.782991	1.27715	0.0081686	0.457322	2.18664	0.1328824	0.687448	1.45465	0.0061407	0.437634	0.228501	0.1395225	0.692455	1.44414	0.124559	0.680894	1.46866	3.539	2.99429	0.752073	1
cg14110168	MYO1F	0.0466601	0.0333074	0.209098	4.78246	0.0053826	0.0997266	10.0274	0.0318111	0.205363	4.86943	0.452223	0.617669	1.61899	0.101685	0.323928	3.08711	0.6075229	0.721869	1.38529	0.0249235	0.186566	5.36003	0.0344476	0.211874	4.71979	0.3047498	0.51245	1.95141	3.477391	21.8005	5.5718	1
cg26384903	MYO1F	0.0482609	0.0237174	0.0664739	15.0435	0.133984	0.197359	5.06591	0.1113953	0.678584	1.47393	0.1482546	0.4619142	6.69272	0.0184428	0.056735	17.63303	0.0810734	0.0470183	0.2706253	3.69555	0.0238769	41.8815	0.210983	0.2662823	3.75585	0.0933262	0.156706	6.38138	3.416151	54.5461	14.193	1
cg27582235	MYO1F;MYO1F	0.0005566598	0.0010068151	0.13623	7.3405	0.00176046	0.272687	3.667221	0.0036023042	0.316914	3.155543	0.0074985	0.225127	4.441931	0.0014115	0.259854	3.84832	0.0209283	0.305058	3.27807	0.0079291	0.228073	4.38455	0.0015303	0.264507	3.78062	0.0108796	0.393655	2.5403	13.871	18.6786	1.19697	1
cg27683774	MYO1G	0.0023726	0.0023452	0.825634	1.21319	0.1885022	0.7957491	1.25668	0.0013318	0.465303	2.14914	0.116376	0.12394	1.88224	0.0002115	0.2322	4.30685	0.1422586	0.0021525	0.362235	2.7604	0.0021485	0.1873	0.157139	0.7082085	1.41192	0.0053744	0.317098	3.50084	0.1298	0.3985	2.508	0.3785229	1
cg07826859	MYO1G	0.0255831	0.0273177	0.312222	-3.20285	0.046339	0.361549	-2.76588	0.104734	0.453666	-2.20426	0.0257514	0.307118	-3.25608	0.0041086	0.179081	-5.5614	0.0742078	0.720633	-1.38767	0.0503224	0.369896	-2.70346	0.62361	1.24668	1.24668	0.0125604	0.250636	-3.98984	4.32239	13.6028	2.79739	1
cg06787669	MYO1G	0.0375982	0.215353	0.515725	-1.62939	0.0389533	0.548252	-1.36512	0.0054617	0.256629	3.932	0.0946177	0.397621	-1.51496	0.6216032	0.839353	-1.20473	0.9224544	0.964206	1.03705	0.1112886	1.9079	1.9079	0.368134	1.48425	1.48425	0.0663463	0.462592	-2.16173	3.79812	8.36379	1.973	1
cg10673833	MYO1G	0.0380465	0.169032	1.593918	1.68373	0.0596401	0.469646	-2.12926	0.0208865	0.187268	-2.71078	0.0133966	0.336553	-2.9713	0.3128157	0.694858	-1.43173	0.3440114	1.02529	1.02529	0.1298153	2.3281	2.32801	0.164197	1.1129	1.1129	0.12408	0.553754	-1.80586	3.75146	7.5117	1.77986	1
cg09948419	MYO1G	0.0421444	0.0039812	2.538593	-3.86708	0.522138	0.797213	-1.25437	0.585423	0.824951	-1.21219	0.0119911	0.334562	-2.98899	0.0933999	0.524829	-1.90538	0.5524866	0.810629	-1.23361	0.362706	1.38656	1.38656	0.443782	1.31359	1.31359	0.109819	0.54392	-1.83851	3.612272	6.98324	1.71819	1
cg22111043	MYO1G	0.0497845	0.165037	1.687172	-1.67409	0.2046498	0.546999	-1.82842	0.0137972	0.324492	-3.08509	0.0042139	0.454138	-2.20127	0.1443622	0.70733	-1.41392	0.8189353	1.054421	1.054421	0.647641	1.12363	1.12363	0.433972	1.12363	1.12363	0.2173575	0.717456	-1.39342	3.3997	3.44889	0.7035444	1
cg21188037	MYO1G;MYO1G	0.0183631	0.415272	0.808433	-1.23696	0.2423001	0.731599	-1.36687	0.0025877	0.344266	-2.90473	0.0148955	0.562631	-1.77737	0.0223115	0.780013	-1.28155	0.2147857	0.446317	2.12926	0.0027614	0.212976	4.69665	0.0025554	0.214889	4.65355	0.0029822	0.212926	4.69822	0.0079768	0.628862	-1.59017	4.84226	10.0005	0.918185	1
cg11950565	MYO1H	3.10E-05	0.1858122	0.6240434	-1.44419	0.0208836	2.70804	2.070304	0.0047801	0.180973	-5.5257	0.0005384	0.244058	-4.09709	0.0002025595	0.197203	-5.07093	0.0020027	0.155673	-6.42374	2.23E-06	0.0312961	-31.9526	6.14E-05	0.109147	-9.16195	0.863164	0.94095	-1.05362	28.1012	40.0444	1.26263	1
cg26342120	MYO1H	4.59E-05	0.61274	1.05398	1.05398	0.0062456	0.14387	1.44387	0.117305	0.839267	-1.19152	0.0377331	0.128175	2.883152	0.112161	1.12161	1.12161	0.4884432	0.930093	-1.07519	7.93E-07	0.2556551	-3.91158	0.0175607	0.742559	-1.34669	0.0612039	1.24269	0.275246	4.57624	0.149361	1
cg26786037	MYO1H	0.0004936376	0.0028181872	0.126797	-7.88661	0.0036857	0.429667	-2.32834	0.0018629	0.160427	-6.23214	0.0016489	0.072263	-13.8591	0.0016405	0.0872082	-11.4625	0.0079753	0.0002883	0.0081347	-12.3535	0.0085947	-10.1425	0.0016703	0.1075117	-9.3014	0.0054779	0.407089	-2.05381	14.8359	24.8488	1.70411	1
cg00202778	MYO1H	0.0014935	0.109571	0.580181	-1.7236	0.0410914	0.479253	-2.08658	0.0292264	0.448546	-2.22943	0.665097	1.14559	1.14559	0.000703003	0.200007	4.99983	0.7947753	1.08475	1.08475	0.000248062	0.151407	-6.60472	0.000659178	0.196276	-5.09488	0.0102038	0.363928	-2.74779	10.493	16.1846	1.37104	1
cg06955182	MYO1H	0.0078675	0.222024	0.479282	-2.08545	0.0099671	0.332706	-3.00528	0.1914311	0.135775	0.3980252	-2.51236	0.5541193	0.709738	-1.40897	0.0232372	0.087462	-11.4334	0.10027	0.35479	-2.82027	0.0010409	0.225588	-4.43314	0.571708	-1.74887	0.329918	0.562061	-1.77917	6.37928	33.177	4.62388	1
cg02891200	MYO1H	0.0107353	0.0969432	2.63941	-3.78873	0.0329036	0.2725244	-3.82508	0.0343285	0.0737561	-13.5582	0.0115552	0.365029	-2.73951	0.0875675	0.287817	-3.47443	0.3593223	0.967934	-1.03324	0.0082538	0.214422	-4.66419	0.2710419	0.130579	-7.66348	0.0448122	-1.47908	4.883138	12.5115	2.27748	1
cg08873188	MYO1H	0.0191069	0.130891	0.571277	-1.75046	0.249198	1.51195	1.51195	0.0917213	0.528705	-1.89142	0.777685	0.907413	-1.10203	0.185431	0.617552	-1.6193	0.796747	1.09264	1.09264	0.000740298	0.172258	-5.80525	0.15678	0.594613	-1.68176	0.0210297	0.385688	-2.59277	4.777799	8.91549	1.65862	1
cg00708884	MYO1H	0.0200747	0.180287	1.597018	-1.67496	0.2060615	0.56565	-1.76855	0.0160569	0.242455	-3.92997	0.0717248	0.598353	-1.67144	0.1139762	0.711324	-1.40552	0.0197906	0.360195	-2.77628	0.0030682	0.179542	-5.56501	0.7700944	0.945721	-1.11209	0.0319669	0.402094	-2.48698	4.62894	9.63462	1.85013	1
cg11240495	MYO1H	0.0308413	0.0346037	0.4762255	-2.09972	0.0111571	0.383772	-2.60571	0.0642591	0.534728	-1.87011	0.448059	0.792318	-1.26212	0.0171057	0.416829	-2.39907	0.157307	0.634238	-1.57669	0.0130093	0.395418	-2.52897	0.00806117	0.350942	-2.77823	0.38023	0.762614	-1.31138	4.04682	5.81004	1.27618	1
cg23773603	MYO1H	1.65E-07	0.0002563	0.1772179	-5.64375	0.0053338	0.0053338	-5.64375	0.0004923791	0.1803793	-5.5257	0.0005384	0.244058	-4.09709	0.0002025595	0.197203	-5.07093	0.0020054	0.155673	-6.42374	2.23E-06	0.0312961	-31.9526	6.14E-05	0.109147	-9.16195	0.863164	0.94095	-1.05362	28.1012	40.0444	1.26263	1
cg15081351	MYO3A	1.35E-05	0.475266	0.909181	-1.09989	0.924095	0.98758	-1.01258	0.356046	1.13258	1.13258	0.445844	0.90311	-1.10728	0.09049961	0.783012	1.27712	0.0231558	0.700439	-1.42768	0.122278	0.802821	-1.24561	1.38E-07	0.80161	8.80161	0.9290665	1.01174	1.01174	37.5138	10.2179	0.242113	1
cg23663099	MYO3A	2.27E-05	0.214504	1.16161	1.16161	0.00067911	0.18366	1.83366	0.0221897	1.36931	1.36931	0.0221897	0.13691	7.30195	0.0178192	0.789742	1.26662	0.0034219	0.544505	1.83653	0.383762	0.8724	-1.14626	0.00868588	0.599775	-1.66729	0.184371	0.80351	-1.24474	0.00470158	0.52533	1.90355	0.413362	1
cg10795235	MYO3A	8.64E-05	0.0021571	0.1429577	-6.99977	0.0033836	0.0033836	-6.99977	0.0001145	0.0002595	-3.85265	0.0001145	0.0002595	-3.85265	0.0001145	0.0002595	-3.85265	0.0021514	0.1429577	-6.99977	0.0033836	0.0033836	-6.99977	0.0001145	0.0002595	-3.85265	0.0001145	0.0002595	-3.85265	0.0001145	0.0002595	-3.85265	0.0001145	0.0002595	-3.85265	1
cg02657833	MYO3A	0.0003128652	0.0003012581	0.127767	-7.77767	0.1181466	0.846205	-1.18175	0.007666616	0.731685	-1.40118	0.003660057	0.147227	4.47227	0.00325072	0.148439	4.48439	0.0002858374	0.111899	-8.93662	0.0010239	0.129574	-7.71842	0.0001834	0.0731549	-13.6705	0.0004705158	0.125203	-7.98664	0.0001834	0.0731549	-13.6705	0.0004705158	0.125203	-7.98664	1
cg14535537	MYO3A	0.0005260372	0.0009626317	0.107722	-9.28545	0.0009996	0.163706	-6.10788	0.0001673	0.068476	-14.6131	0.0001673	0.068476	-14.6131	0.0001673	0.068476	-14.6131	0.0009626317	0.107722	-9.28545	0.0009996	0.163706	-6.10788	0.0001673	0.068476	-14.6131	0.0001673	0.068476	-14.6131	0.0001673	0.068476	-14.6131	0.0001673	0.068476	-14.6131	1
cg27237541	MYO3A	0.0107353	0.069432	2.63941	-3.78873	0.0329036	0.2725244	-3.82508	0.0343285	0.0737561	-13.5582	0.0115552	0.365029	-2.73951	0.0875675	0.287817	-3.47443	0.3593223	0.967934	-1.03324	0.0082538	0.214422	-4.66419	0.2710419	0.130579	-7.66348	0.0448122	-1.47908	4.883138	12.5115	2.27748	1
cg08441170	MYO3A;MYO3A	2.30E-05	0.0772907	0.542677	-1.84272	0.3666953	2.12847	2.12847	0.440945	0.783045	-1.27707	0.967462	0.987385	-1.01278	0.0457338	0.490258	-2.03974	0.3891956	0.958587	-1.0432	1.46E-05	0.060639	-16.491	1.38E-06	46.2368	46.2368	0.6970392	1.12946	1.12946	32.6701	50.1153	1.36354	1
cg15845567	MYO3A;MYO3A	0.0007721998	0.347931	0.762208	-1.31198	0.2628655	0.7344	-1.36161	0.0165065	0.0667569	2.82453	0.1544455	-3.92997	0.5772448	0.7098325	0.1113582	-8.98204	0.0519706	0.160195	-6.24318	0.0002969	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	1
cg08977627	MYO3B;MYO3B	0.0142408	0.735888	0.905556	-1.10429	0.707212	0.111691	1.11691	0.031084	0.476365	-2.09923	3.979	1.28871	1.28871	0.000411883	0.193353	5.17188	0.3930381	0.773854	-1.29223	0.249338	1.42307	0.278007	0.718155	-1.39176	0.107627	0.597779	-1.67286	5.270204	7.16755	1.20889	1
cg04807567	MYO3B;MYO3B;MYO3B	0.0003439	0.83639	0.9182	-1.08922	0.7135	0.0053338	5.64375	0.0004923791	0.6084774	-1.64802	0.1401007	0.8645244	1.15693	0.0001145	0.0002595	3.85265	0.0021514	0.1429577	6.99977	0.0033836	0.0033836	6.99977	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	1
cg12394777	MYO3B;MYO3B;MYO3B	0.0024195	0.0026403	0.236511	-4.22813	0.144008	0.580498	-1.72266	0.0107656	0.329495	-3.03495	0.0028785	0.241812	-4.13544	0.0269646	0.40948	2.47844	0.0003332729	0.134467	-7.43678	0.000918034	0.179742	-5.56352	0.0969829	0.531957	-1.87985	0.0214382	0.383835	2.60528	9.11933	17.3399	1.69017	1
cg19978477	MYO3B;MYO3B;MYO3B	0.0044892	0.0342328	0.52407	0.0399352	1.49936	1.49936	0.0075998	1.79594	1.79594	0.201751	1.22568	1.22568	0.207234	0.7970335	1.25465	1.25465	0.0007736709	0.147012	-2.19801	0.156903	0.7724412	-1.29465	0.139708	1.31136	1.31136	0.583488	1.10961	1.10961	7.58325	3.49414	0.409574	1
cg21858856	MYO3B;MYO3B;MYO3B	0.0004547	0.0831574	0.79382	-1.25973	0.2172316	0.853058	-1.1725	0.0016594	0.2385	-4.19293	0.0016343	0.1644	6.08401507	0.0001145	0.0002595	3.85265	0.0021514	0.1429577	6.99977	0.0033836	0.0033836	6.99977	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	1
cg21606505	MYO3B;MYO3B;MYO3B	0.0069737	0.0116837	0.700187	-1.42819	0.0314038	0.751682	-1.33035	0.167764	0.846793	-1.18093	0.449861	0.91659	-1.091	0.258488	0.875151	-1.14266	0.297442	0.88499	-1.12996	0.0184327	1.38179	1.38179	0.254348	1.14411	1.14411	0.000743193	0.560337	-1.78464	6.62295	1.34199	0.180113	1
cg07084019	MYO3B;MYO3B;MYO3B	0.0008838	0.0022466	0.145558	-6.86958	0.0109596	0.26007	2.60607	0.108924	1.33813	1.33813	0.612698	1.08327	1.08327	0.0014705	0.415882	2.40465	0.0034219	0.544505	1.83653	0.383762	0.8724	-1.14626	0.00868588	0.599775	-1.66729	0.184371	0.80351	-1.24474	0.00470158	0.52533	1.90355	0.413362	1
cg08362453	MYO3B;MYO3B;MYO3B	0.0210593	0.116021	0.707212	-1.29834	0.0143988	0.630624	-1.58573	0.345543	0.862012	-1.16008	0.843989	0.801849	1.24727	0.202615	1.22826	1.22826	0.0034219	0.544505	1.83653	0.383762	0.8724	-1.14626	0.00868588	0.599775	-1.66729	0.184371	0.80351	-1.24474	0.00470158	0.52533	1.90355	0.413362	1
cg04153152	MYO3B;MYO3B;MYO3B	0.0257879	0.570212	0.833623	-1.19958	0.546312	0.823956	-1.21366	0.0063726	0.323823	-3.08811	0.442012	0.77987	-1.28227	0.0160289	0.461424	-2.16721	0.0149712	0.387222	2.5825	0.0023179	0.259367	-3.85554	0.699645	0.884307	-1.13083	0.372625	0.74804	-1.33683	4.31038	6.86685	1.41609	1
cg10509639	MYO3B;MYO3B;MYO3B	0.0458241	0.0959593	0.812125	-1.23126	0.4993	0.7344	-1.36161	0.0165065	0.0667569	2.82453	0.1544455	-3.92997	0.5772448	0.7098325	0.1113582	-8.98204	0.0519706	0.160195	-6.24318	0.0002969	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	0.0001183	8.45137	1
cg03473640	MYO3A;MYO5A	0.0008832893	0.0014503	0.244319	4.02E-05	4.5848	4.5848	0.0048329	2.06584	2.06584	0.0025814	0.21589	0.21589	0.0826794	1.65049	1.65049	1.65049	0.145912	7.738534	-1.35403	0.0508879	1.51565	1.51565	0.0245098	1.68232	1.68232	0.0127532	1.82351	1.82351	12.3007	7.39677	0.530633	1
cg20528281	MYO3A;MYO5A	0.0029593	0.132538	0.6	0.0098418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	7	7	0.725702	0.936428	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1
cg11439475	MYO3A;MYO5A	0.0048838	0.177681	0.669573	-1.49349	0.521782	0.833756	-1.19939	0.938714	0.978698	-1.02177	0.493449	0.823043	-1.215	0.469689	1.22871	1.22871	0.394118	0.78316	-1.27688	5.05E-05	0.119104	-8.39599	0.35586	0.76649	-1.30465	0.6716331	1.12682	1.12682	7.38932	9.17634	1.10386	1
cg07313255	MYO3A;MYO5A	0.0473205	0.490733	0.696019	1.00573	0.9523237	0.775942	-1.28892	0.0078435	0.691739	-1.44564	0.335268	0.852545	-1.17325	0.2886536	0.887755	-1.12659	0.0908614	1.212075	1.212075	0.1112899	1.42675	1.42675	0.0782068	1.41035	1.41035	0.0729121	0.449662	0.847466	-1.17999	6.51993	1.18407	0.561429	1
cg05230085	MYO3A;MYO5A	0.0259102	0.0597538	0.584605	-1.71056	0.0218741	3.27242	3.27242	0.112863	0.770692	-1.29754	0.12234	1.52894	1.52894	0.247836	0.736903	-1.35703	0.739021	1.08816	1.08816	0.1813664	1.07284	1.07284	0.1705303	0.800732	-1.24884	0.1279989	1.1105	1.1105	4.30227	4.12099	0.898953	1
cg25744017	MYO3A;MYO5A	0.0396397	0.219991	1.28413	1.28413	0.0793104	0.685426	-1.45895	0.00409593	0.473842	-2.11041	0.765998	0.943769	-1.05958	0.0757601	0.681633	-1.46707	0.786007	1.05419	1.05419	0.0681217	1.48604	1.48604	0.516138	1.13617	1.13617	0.875387	0.970028	-1.0309	3.69543	2.20063	0.529334	1
cg06376048	MYO3A;MYO5A	0.0438898	0.0497359	0.479267	-2.08627	0.3250271	0.881581	-1.21156	0.2070151	0.753522	-1.28974	0.7853158	0.945206	-1.05814	0.3955221	0.852528	-1.17305	0.6729906	1.027971	1.027971	0.8346406	1.58326	1.58326	0.2978509	0.615545	-1.6252	0.1115025	0.723548	-1.38206	4.07208	2.50963	0.501963	1
cg26994526	MYO3B	0.0002574446	0.0109147	0.484796	-2.06272	0.0047745	0.427902	-2.33698	0.0763316	0.639657	-1.56334	0.2007405	0.532086	-1.87939	0.0031038	0.362624	-2.97385	0.0017067	0.489813	-2.04159	4.15E-05	0.586769	0.867269	0.0377267	1.72653	1.72653	0.4594911	0.843106	-1.18609	3.71522	13.9489	0.722886	1
cg24049257	MYO3B	0.0003426266	0.700912	0.93585	-1.06851	0.6209745	0.2016596	2.016596	0.0049955	1.883197	1.883197	0.552132	0.901931	-1.10873	0.427906	0.870259	-1.14906	0.220568	1.47796	1.47796	0.0031	1.04032	1.04032	0.5467	1.84777	1.84777	0.0159317	1.10592	1.10592	15.8613	7.40433	0.414649	1
cg26557404	MYO3B	0.0008264	0.100293	0.737991	-1.35545	0.0008709	0.1008869	-9.91389	0.2048151	0.543632	-1.83948	0.0029149	0.1528	-6.54355	0.0004518838	0.0789044	-12.6736	0.0756122	0.403194	-2.4802	0.000186249	0.0555522	-18.0011	0.0954653	2.13918	2.13918	0.0056469	0.188613	-5.30186	12.4179	41.4852	2.96957	1
cg19344013	MYO3B	0.0113142	0.0384558	0.772995	-1.29367	0.388566	1.05952	1.05952	0.0038234	1.51994	1.51994	0.425796	0.916386	-1.09124	0.170785	1.16953	1.16953	0.2171223	1.14961	1.14961	0.13498	1.18796	1.18796	0.0026241	1.56388	1.56388	0.0381162	1.2944	1.2944	5.68607	1.03717	0.162292	1
cg06504512	MYO3B	0.0407508	0.145875	0.643027	-1.55497	0.1955	0.915	-1.09257	0.118447	0.621328	1.61328	0.143128	0.754541	1.32546	0.0983512	1.33599	1.33599	0.0266318	1.414586	1.414586	0.0123512	1.2036	1.2036	0.0373467	1.42581	1.42581	0.1110057	1.82467	1.82467	5.2178	2.17244	0.172443	1
cg23910786	MYO3B;MYO5B	0.0169219	0.4308833	0.8727252	-1.1458	0.720116	0.9409157	-1.0628	0.158802	1.29039	1.29039	0.940308	1.01276	1.01276	0.0999973	0.73706	-1.35674	0.000515382	2.502644	2.502644	0.232182	0.808089	-1.23626	0.2562365	1.22212	1.22212	0.5283977	1.11418	1.11418	9.97714	2.25859	0.40337	1
cg20703948	MYO5A	0.0003094	0.0004558	0.144558	6.91858	0.0019596	0.260607	3.836	0.108924	1.33813	1.33813	0.612698	1.08327	1.08327	0.1476	1.36706	1.36706	0.0313893	0.163599	6.11129	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	0.0001145	0.0002595	3.85265	1
cg27511466	MYO5C	0.0138127	0.166765	0.759518	-1.31663	0.0057257	0.96593	1.86593	0.0884588	0.643564	0.704185	-1.42008	0.274994	3.809025	0.23606	1.23606	1.23606	0.0036388	0.515527	-1.93976	0.02047	0.593865	-1.68388	0.428671	0.860047	-1.16273	0.0430873	0.647722	1.54387	5.32338	9.93553	0.490169	1
cg24575899	MYO5C	0.0244132	0.314715	0.816501	-1.22474	0.0192364	1.7371	1.7371	0.0717779	1.47991	1.47991	0.19406	0.76497	-1.30724	0.321261	0.818876	-1.22119	0.0031329	0.454902	-2.19827	0.387898	1.18835	1.18835	0.627403	1.10008	1.10008	0.6973323	0.926618	-1.07919	4.39208	2.6446	0.535286	1
cg19366178	MYO5C;CDNB5	0.0011183	0.1457221	0.6	0.0098418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	0.688418	7	7	0.725702	0.936428	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1.068308	1
cg00474209	MYO5C;GDB5	0.0292469	0.80635	0.934732	-1.06983	0.218122	0.702656	-1.42317	0.0030308	0.327576	-3.05222	0.0756369	0.580735	-1.72196	0.260725	0.724435	-1.38039	0.18372	0.67869	-1.47343	0.0210566	2.14378	2.14378	0.88229	0.9601	-1.04156	0.1160092	0.625421	-1.59892	4.13284	4.93262	1.06322	1
cg27027069	MYO5C	0.0020780743	0.0041541	0.2	5	0.0019596	0.260607	3.836	0.0884588	0.643564	0.704185	-1.42008	0.274994	3.809025	0.23606	1.23606	1.23606	0.0036388	0.515527	-1.93976	0.02047	0.593865	-1.68388	0.428671	0.860047	-1.16273	0.0430873	0.647722	1.54387	5.32338	9.93553	0.490169	1
cg23600517	MYO3A;MYO7A	0.000631378	0.6074838	0.935171	-1.06932	0.0275746	1.40075	1.40075	3.87E-05	0.360641	-2.77284	0.511315	0.917442	-1.08999	0.000294438	0.466357	2.14428	0.0138007	0.67457	1.48243	0.0179097	0.689242	-1.45087	0.0658293	1.765683	-1.30602	0.239982	4.852877	1.1725	13.392	3.54851	0.235531	1
cg15034237	MYO7A;MYO7A	0.0062594	0.0059137	0.660477	-1.51406	0.0103769	0.577708	-1.73098	0.0213625	0.624933	-1.60017	0.166326	0.778127	-1.28514	0.0003018375	0.3264	-3.06373

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18555440	MYOD1	0.000991085	0.0950847	1.36075	1.36075	0.131031	0.76046	-1.31499	0.441609	1.14086	1.14086	0.487994	0.888403	-1.12562	0.950628	0.989654	-1.01045
cg22344611	MYOD1	0.00840932	0.565022	1.31418	1.31418	0.00197925	7.78808	7.78808	0.0579264	2.73707	2.73707	0.117793	0.450315	-2.22067	0.948137	0.969907	-1.03103
cg05694840	MYOD1	0.0105474	0.283998	1.16436	1.16436	0.114227	1.26477	1.26477	0.00179221	1.83574	1.83574	0.850405	0.974517	-1.02615	0.69328	1.05569	1.05569
cg07271264	MYOD1	0.0346778	0.18237	1.32223	1.32223	0.0336328	1.63192	1.63192	0.0120498	1.85511	1.85511	0.047979	1.56232	1.56232	0.0882453	0.689874	-1.44954
cg27220117	MYOF;MYOF	0.000305229	0.00119552	0.377223	-2.65095	0.000934712	0.362725	-2.75691	0.000155189	0.26441	-3.78201	0.00034252	0.306105	-3.26685	0.000195586	0.276315	-3.61905
cg10582048	MYOF;MYOF	0.00120146	0.00744857	0.656609	-1.52298	0.781589	0.966643	-1.03451	0.755642	0.96261	-1.03884	0.0916606	0.797159	-1.25445	0.0141559	0.691057	-1.44706
cg13669036	MYOF;MYOF	0.00142916	0.0923539	0.55071	-1.81584	0.336389	0.726729	-1.37603	0.00264388	0.261932	-3.81778	0.00778872	0.332791	-3.00489	5.05E-05	0.0865407	-11.5553
cg26808637	MYOF;MYOF	0.00143683	0.0587454	0.535906	-1.866	0.039808	0.499367	-2.00254	0.000928419	0.235829	-4.24036	0.516446	0.825126	-1.21194	0.000176267	0.155939	-6.41278
cg11276093	MYOF;MYOF	0.00174711	0.0147172	1.7903	1.7903	0.00208091	2.31763	2.31763	0.487906	0.872236	-1.14648	0.712537	0.930731	-1.07442	0.000153076	0.283882	-3.52259
cg24147498	MYOF;MYOF	0.00234419	0.0971111	0.505066	-1.97994	0.0600708	0.451265	-2.21599	0.103827	1.94883	1.94883	0.709845	1.15051	1.15051	0.10849	1.92861	1.92861
cg20095825	MYOF;MYOF	0.00336123	0.769467	1.04175	1.04175	0.00574161	0.604143	-1.65524	0.0723842	0.756491	-1.32189	0.548216	1.08824	1.08824	0.0323985	0.705652	-1.41713
cg14449963	MYOF;MYOF	0.00515952	0.118269	1.20884	1.20884	0.6355	1.05485	1.05485	0.753297	0.965355	-1.03589	0.00421393	1.53502	1.53502	0.827334	0.975867	-1.02473
cg03362798	MYOF;MYOF	0.00709908	0.96263	0.989132	-1.01099	0.00192508	0.359167	-2.78422	0.00126385	0.333706	-2.99665	0.140258	1.44783	1.44783	0.536	0.864014	-1.15739
cg22845855	MYOF;MYOF	0.00917978	0.105585	0.573366	-1.74409	0.000865643	0.207447	-4.82052	0.00976116	0.357673	-2.79585	0.397897	1.31301	1.31301	0.100235	0.567468	-1.76221
cg14060519	MYOF;MYOF	0.0108764	0.170643	1.81102	1.81102	0.109076	2.03652	2.03652	0.000595133	0.115604	-8.65019	0.269996	0.626553	-1.59603	0.0192758	0.315949	-3.16506
cg19166875	MYOF;MYOF	0.012954	0.0488415	0.492781	-2.0293	0.961932	1.01513	1.01513	0.363233	1.34173	1.34173	0.0348584	0.461337	-2.16761	0.00415358	0.298601	-3.34895
cg18082515	MYOF;MYOF	0.0157097	0.0684921	0.448637	-2.22897	0.0800371	0.466112	-2.14541	0.00775067	0.260786	-3.83457	0.120338	0.515712	-1.93907	0.0413792	0.396684	-2.5209
cg11308963	MYOF;MYOF	0.0230686	0.216849	0.641663	-1.55845	0.0144483	0.357291	-2.79884	0.0216037	0.389864	-2.56499	0.240198	0.657118	-1.5218	0.00101056	0.189074	-5.28892
cg16358099	MYOF;MYOF	0.0364496	0.00348609	0.443734	-2.2536	0.988676	1.00291	1.00291	0.562939	0.887026	-1.12736	0.250108	1.27935	1.27935	0.02161	0.568123	-1.76018
cg13446070	MYOG	0.00322195	0.064806	0.666844	-1.4996	0.000761109	2.70957	2.70957	0.8898	1.02746	1.02746	0.237859	1.27326	1.27326	0.00984871	0.528686	-1.89148
cg17424007	MYOG	0.00403535	0.117521	1.2442	1.2442	0.012408	0.670336	-1.49179	0.00764001	0.643553	-1.55387	0.127147	1.23619	1.23619	0.50383	1.0911	1.0911
cg07050917	MYOM1;MYOM1	0.000326918	6.27E-06	0.0710369	-14.0772	0.597119	1.15001	1.15001	0.00843103	0.414138	-2.41465	0.00171285	0.309409	-3.23197	0.118473	0.641383	-1.55913
cg05486872	MYOM1;MYOM1	0.00211375	0.725001	1.05853	1.05853	0.000192486	0.363774	-2.74896	0.342799	0.85436	-1.17047	0.0538155	1.42277	1.42277	0.147758	0.778713	-1.28417
cg00522579	MYOM1;MYOM1	0.0051918	0.0111149	0.391747	-2.55267	0.0607386	0.536657	-1.86339	0.00209328	0.279599	-3.57655	0.183301	0.659917	-1.51534	0.000856719	0.228964	-4.3675
cg11746846	MYOM1;MYOM1	0.00583469	0.341509	0.915213	-1.09264	0.887808	1.01284	1.01284	0.189053	0.881814	-1.13403	0.578982	1.05197	1.05197	0.295363	0.906563	-1.10307
cg12067287	MYOM1;MYOM1	0.0062037	0.328764	0.648301	-1.54249	0.57994	0.786331	-1.27173	0.198593	0.557581	-1.79346	0.610484	1.24718	1.24718	0.000432006	0.0912867	-10.9545
cg00535538	MYOM2	1.80E-06	0.82861	1.01922	1.01922	0.000409789	1.63684	1.63684	0.174104	1.13537	1.13537	0.181709	1.13256	1.13256	2.74E-07	0.263459	-3.79566
cg13318572	MYOM2	0.000308708	0.138073	0.67344	-1.48491	0.209427	0.720688	-1.38756	3.03E-05	0.132798	-7.53026	0.0495222	0.574151	-1.7417	0.000119949	0.189235	-5.28444
cg25541958	MYOM2	0.0003406	0.0588842	1.52085	1.52085	0.0375378	1.60677	1.60677	0.00615605	0.495449	-2.01837	0.969186	0.992438	-1.00762	0.000109962	0.262393	-3.81107
cg20103825	MYOM2	0.000376743	0.0552059	1.12995	1.12995	0.0402141	1.14251	1.14251	0.0150018	0.845296	-1.18302	0.00125296	0.767311	-1.30325	0.383023	0.950962	-1.05157
cg05570806	MYOM2	0.00043853	0.00721395	0.708683	-1.41107	0.0192536	0.754893	-1.32469	0.00186435	0.645107	-1.55013	0.747529	1.03259	1.03259	1.68E-05	0.415641	-2.40592
cg22728991	MYOM2	0.000640443	3.21E-05	0.326667	-3.06122	0.0500682	1.3619	1.3619	0.133562	0.799546	-1.25071	0.952291	1.00831	1.00831	0.00271823	0.564182	-1.77248
cg10452704	MYOM2	0.00112975	0.00307052	0.277829	-3.59933	0.389711	0.75692	-1.32114	0.00289383	0.274162	-3.64748	0.031679	0.4512	-2.21631	0.000457653	0.174878	-5.71827
cg23751024	MYOM2	0.00222936	0.555582	1.13825	1.13825	0.224272	0.757833	-1.31955	0.0476504	1.63554	1.63554	0.964248	1.00978	1.00978	0.000952639	0.343153	-2.91415
cg06445972	MYOM2	0.00237253	0.0002624	0.410304	-2.43722	0.0277044	0.679451	-1.47178	0.00131882	0.499595	-2.00162	0.273284	0.844251	-1.18448	0.664833	1.06687	1.06687
cg15640339	MYOM2	0.00240627	0.124419	0.82579	-1.21096	0.542372	1.07353	1.07353	0.00364205	0.635985	-1.57237	0.151142	0.837781	-1.19363	0.087263	0.804737	-1.24264
cg02833196	MYOM2	0.00281687	0.0339096	0.495511	-2.01812	0.540002	0.838691	-1.19233	0.409883	1.26993	1.26993	0.535292	0.836931	-1.19484	3.70E-05	0.105469	-9.48146
cg24282259	MYOM2	0.00407671	0.00244136	0.671582	-1.48902	0.374823	0.92149	-1.0852	0.0940123	0.846141	-1.18184	0.00183744	1.52073	1.52073	0.418158	0.928475	-1.07704
cg02243278	MYOM2	0.00420468	0.0487408	0.327157	-3.05664	0.00504824	0.158717	-6.30052	0.511381	0.718475	-1.39184	0.40437	0.654737	-1.52733	0.000577637	0.0711205	-14.0607
cg06216883	MYOM2	0.00515664	0.00518491	0.21847	-4.57729	0.0779229	0.445947	-2.24242	0.124371	0.503631	-1.98558	0.204921	0.576147	-1.73567	0.000350072	0.0935706	-10.6871
cg09567013	MYOM2	0.00608444	0.0240823	0.565259	-1.7691	0.00122127	2.7274	2.7274	0.051274	0.624617	-1.60098	0.793055	0.945775	-1.05733	0.054214	0.629219	-1.58927
cg10700718	MYOM2	0.0068092	0.148779	0.652364	-1.53289	0.614843	1.15022	1.15022	0.187262	0.680079	-1.47042	0.100987	0.609297	-1.64124	0.000240984	0.187164	-5.34291
cg15456293	MYOM2	0.00730124	0.735441	1.08743	1.08743	0.267039	0.751429	-1.3308	0.000585091	0.268876	-3.71918	0.00263022	0.357346	-2.79841	0.975761	0.992519	-1.00754
cg01012295	MYOM2	0.00883557	0.196226	0.779653	-1.28262	0.000315261	0.34533	-2.89578	0.0301436	0.6285	-1.59109	0.153886	0.757253	-1.32056	0.698052	0.931455	-1.07359
cg00527552	MYOM2	0.00906353	0.029078	1.37639	1.37639	0.0541652	1.31182	1.31182	0.79983	0.968936	-1.03206	0.00225328	1.7006	1.7006	0.0505067	1.31891	1.31891
cg21816685	MYOM2	0.00963696	0.0125739	0.235351	-4.24897	0.995657	0.997466	-1.00254	0.0596866	0.371362	-2.69279	0.557466	0.7584	-1.31857	0.000531858	0.0809405	-12.3548
cg21768014	MYOM2	0.015609	0.0347198	0.694952	-1.43895	0.703668	0.945071	-1.05812	0.00353505	0.557349	-1.79421	0.393005	0.878663	-1.13809	0.00511001	0.57872	-1.72795
cg21473728	MYOM2	0.015723	0.334657	0.861759	-1.16042	0.0445104	1.41199	1.41199	0.237748	0.831161	-1.20314	0.0278069	1.47522	1.47522	0.0876778	0.754369	-1.32561
cg17583158	MYOM2	0.0173633	0.0171288	0.146527	-6.82469	0.0215851	0.161411	-6.19536	0.0314281	0.188592	-5.30246	0.133627	0.343221	-2.91358	0.00476307	0.0839742	-11.9084
cg11701148	MYOM2	0.0194009	0.0910648	0.48842	-2.04742	0.446227	0.74162	-1.3484	0.0358315	0.390557	-2.56044	0.0778028	0.470223	-2.12665	0.000645325	0.133276	-7.50323
cg08174789	MYOM2	0.0198351	0.124109	1.43519	1.43519	0.00526708	0.450114	-2.22166	0.0125638	0.509934	-1.96104	0.500602	0.862144	-1.1599	0.297819	1.26385	1.26385
cg20176371	MYOM2	0.02053	0.0474321	1.39819	1.39819	0.0720274	0.743199	-1.34553	0.0599234	1.36851	1.36851	0.657408	1.06819	1.06819	0.0225984	1.49712	1.49712
cg27621514	MYOM2	0.0225918	0.37721	0.816654	-1.22451	0.0104445	2.05567	2.05567	0.683569	1.09593	1.09593	0.0723967	1.5654	1.5654	0.189064	0.732712	-1.36479
cg11040181	MYOM2	0.0292939	0.2511	0.487149	-2.05276	0.00175291	0.0689304	-14.5074	0.0189615	0.181961	-5.4957	0.721257	1.23969	1.23969	0.297965	1.90997	1.90997
cg23286105	MYOM2	0.0297767	0.797125	0.955963	-1.04607	0.0379636	0.656626	-1.52294	0.021863	0.61819	-1.61762	0.384155	0.855562	-1.16882	0.541993	0.897704	-1.11395
cg21844893	MYOM2	0.0323255	0.63676	0.899707	-1.11147	0.139814	1.4233	1.4233	0.0941523	0.664395	-1.50513	0.00180018	0.372902	-2.68167	0.235188	0.758487	-1.31842
cg24290751	MYOM2	0.035428	0.430798	0.862158	-1.15988	0.141332	1.33877	1.33877	0.00369303	0.484946	-2.06208	0.233411	1.25915	1.25915	0.456227	1.15023	1.15023
cg04146801	MYOM2	0.0354456	0.00301079	0.51371	-1.94662	0.395795	1.15305	1.15305	0.849856	0.969442	-1.03152	0.444099	1.13629	1.13629	0.580208	0.912574	-1.0958
cg02618355	MYOM2	0.0359965	0.0494985	0.719146	-1.39054	0.102271	0.768717	-1.30087	0.203655	0.820894	-1.21818	0.598844	0.924885	-1.08122	0.250416	0.838061	-1.19323
cg00874558	MYOM2	0.0399834	0.507296	0.706922	-1.41458	0.743996	0.844551	-1.18406	0.734337	0.838937	-1.19198	0.0259718	0.255978	-3.90658	0.872325	0.920424	-1.08646
cg03454775	MYOM2	0.0415671	0.0248678	5.25673	5.25673	0.319507	1.89524	1.89524	0.516028	1.50573	1.50573	0.91759	1.06644	1.06644	0.0717727	3.48814	3.48814
cg17665357	MYOM2	0.0416982	0.326512	1.57309	1.57309	0.177642	0.526915	-1.89784	0.163389	0.514126	-1.94505	0.542687	1.31731	1.31731	0.944601	1.03157	1.03157
cg08462127	MYOM2	0.0468941	0.287562	0.631379	-1.58384	0.951535	0.975005	-1.02564	0.0076174	0.239551	-4.17448	0.0505345	0.395321	-2.52959	0.016105	0.29335	-3.4089
cg25898146	MYOM2	0.0493496	0.357694	0.639965	-1.56259	0.568454	1.3126	1.3126	0.470155	0.707013	-1.4144	0.324849	0.618935	-1.61568	0.00174664	0.12177	-8.21222
cg21547624	MYOM2;MYOM2	0.0317112	0.00883291	0.231899	-4.31223	0.21542	1.77118	1.77118	0.0930332	0.444805	-2.24818	0.0309969	0.329481	-3.03507	0.0386902	0.350038	-2.85684
cg05350850	MYOM3	4.21E-05	0.00113593	0.414483	-2.41265	6.40E-06	0.156986	-6.36998	0.000159705	0.30516	-3.27697	0.00227717	0.456071	-2.19264	0.00528658	0.508456	-1.96674
cg08644482	MYOM3	4.27E-05	0.00128904	0.58729	-1.70274	0.00887474	1.45921	1.45921	0.00381622	0.642345	-1.5568	0.00327839	0.634638	-1.5757	1.30E-06	0.244256	-4.09406
cg03614954	MYOM3	9.51E-05	0.400813	1.12111	1.12111	0.12051	1.25088	1.25088	0.0043238	0.602282	-1.66035	0.5075	0.914501	-1.09349	0.410797	1.11829	1.11829
cg01350686	MYOM3	0.00138321	0.000321506	0.22987	-4.35029	0.130194	1.51117	1.51117	0.848915	0.952968	-1.04935	0.00928379	0.434408	-2.30198	0.0172295	0.480465	-2.08132
cg25593625	MYOM3	0.00389707	0.256516	0.660078	-1.51497	0.528394	0.799288	-1.25111	0.0873521	0.515819	-1.93866	0.0026022	4.31934	4.31934	0.0417903	0.439114	-2.27732
cg15987211	MYOM3	0.00588247	0.0476895	0.532496	-1.87795	0.300276	1.34813	1.34813	0.942944	1.02012	1.02012	0.0926508	0.597522	-1.67358	0.211488	0.693276	-1.44243
cg14284055	MYOM3	0.0124485	0.942143	1.02584	1.02584	0.0233407	2.59188	2.59188	0.636006	1.1824	1.1824	0.0221265	0.38129	-2.62268	0.13727	0.569789	-1.75504
cg06649280	MYOM3	0.0203893	0.0206929	0.301829	-3.31313	0.738309	1.15509	1.15509	0.365793	1.49114	1.49114	0.170191	0.533583	-1.87412	0.0418502	0.36474	-2.74168
cg12768969	MYOM3	0.0400606	0.060044	0.432702	-2.31106	0.0453335	2.47597	2.47597	0.962915	0.981807	-1.01853	0.143021	0.537088	-1.86189	0.282284	0.643254	-1.5546
cg14564939	MYOM3;MYOM3	0.0310951	0.0720561	0.372525	-2.68438	0.704713	1.20592	1.20592	0.609508	1.28834	1.28834	0.202393	0.515866	-1.93849	0.0307925	0.287231	-3.48151
cg02277868	MYOT;MYOT	0.0189673	0.803467	1.10994	1.10994	0.877294	0.937412	-1.06677	0.410734	0.703368	-1.42173	0.311678	0.64544	-1.54933	0.00198548	0.16089	-6.21544
cg06995966	MYOT;MYOT	0.0193795	0.177572	0.609422	-1.6409	0.00330744	0.250855	-3.98637	0.0424907	0.446001	-2.24215	0.862087	0.941673	-1.06194	0.0580465	2.09693	2.09693
cg25171856	MYOZ1	0.0218118	0.00897374	0.571005	-1.7513	0.00711721	1.79719	1.79719	0.982784	0.996368	-1.00365	0.545834	0.902056	-1.10858	0.457818	0.880303	-1.13597
cg20414512	MYOZ2	0.00370016	0.334181	0.794955	-1.25793	0.826303	0.950627	-1.05194	0.000658755	0.300548	-3.32726	0.321347	0.789747	-1.26623	0.0024706	0.379224	-2.63696
cg07598199	MYOZ2	0.0317277	0.73348	0.860051	-1.16272	0.102281	0.454406	-2.20068	0.0340181	0.335709	-2.97877	0.0121157	0.25168	-3.9733	0.0138834	0.261609	-3.82249
cg21011794	MYOZ2;MYOZ2	0.00136952	0.0164302	1.96358	1.96358	0.770103	1.06976	1.06976	0.0127481	0.490573	-2.03843	0.268288	0.766932	-1.3039	0.00400257	0.410619	-2.43535
cg11590420	MYOZ3;MYOZ3	0.000211707	0.899592	1.01763	1.01763	0.292328	1.16328	1.16328	0.150648	0.807954	-1.23769	0.0110684	1.55435	1.55435	0.717192	1.05165	1.05165
cg15699693	MYOZ3;MYOZ3	0.00797305	0.0210311	0.623062	-1.60498	0.293627	0.830535	-1.20404	0.519196	0.894598	-1.11782	0.233527	0.808237	-1.23726	0.284618	1.20859	1.20859
cg26784201	MYOZ3;MYOZ3	0.00870658	0.0275406	0.354411	-2.82158	0.692311	0.853593	-1.17152	0.219912	1.67096	1.67096	0.0013557	6.37008	6.37008	0.0967664	0.484039	-2.06595
cg07283463	MYOZ3;MYOZ3	0.0104465	0.541604	0.868443	-1.15149	0.120083	1.46952	1.46952	0.185948	1.37731	1.37731	0.385108	1.2254	1.2254	0.863715	1.04	1.04
cg17800426	MYOZ3;MYOZ3	0.0205961	0.959637	1.01047	1.01047	0.150711	0.728283	-1.37309	0.00236446	0.417715	-2.39398	0.472781	1.16222	1.16222	0.00841304	1.99941	1.99941
cg07337385	MYOZ3;MYOZ3	0.0264428	0.14287	0.667221	-1.49875	0.732154	1.09229	1.09229	0.000619605	0.258317	-3.87121	0.863614	0.956785	-1.04517	0.09112	0.619925	-1.6131
cg14600885	MYOZ3;MYOZ3	0.0363184	0.00898919	0.270556	-3.6961	0.0424213	0.398631	-2.50859	0.0763589	0.460298	-2.1725	0.129636	0.525015	-1.90471	0.0227934	0.342211	-2.92217
cg04518836	MYOZ3;MYOZ3	0.038393	0.0155709	0.728458	-1.37276	0.337908	1.11128	1.11128	0.0521259	0.789813	-1.26612	0.871809	1.0174	1.0174	0.560713	0.939102	-1.06485
cg14771810	MYOZ3;MYOZ3	0.0384343	0.0315596	0.210761	-4.7447	0.318939	1.88914	1.88914	0.202716	2.29454	2.29454	0.00183925	0.0650772	-15.3664	0.951347	0.963017	-1.0384
cg13214422	MYOZ3;MYOZ3;MYOZ3;MYOZ3	0.0112277	0.415576	0.839854	-1.19068	0.244553	1.29088	1.29088	0.00434188	0.449598	-2.22421	0.429518	0.844389	-1.18429	0.73424	0.931025	-1.07408
cg13609017	MYPN	0.000740232	0.257558	0.867669	-1.15251	0.000103266	0.438115	-2.28251	0.0188649	0.710555	-1.40735	0.93181	0.989771	-1.01033	0.00636252	0.652682	-1.53214
cg17528580	MYPN	0.00395533	0.0478158	0.337615	-2.96195	0.0946324	0.41413	-2.4147	0.00425284	0.159476	-6.27053	0.000513011	0.0740921	-13.4967	0.00604201	0.1789	-5.58972
cg06553114	MYPN	0.0320234	0.187839	0.4492	-2.22618	0.0473718	0.272305	-3.67235	0.00445894	0.113607	-8.8023	0.0236491	0.212415	-4.70777	0.0256049	0.218577	-4.57506
cg00745735	MYPN	0.0414755	0.0506856	0.427396	-2.33975	0.135979	0.541527	-1.84663	0.101621	0.504495	-1.98218	0.794463	1.10481	1.10481	0.017924	0.333454	-2.99892
cg07453407	MYPOP	0.000453072	0.00127417	0.582659	-1.71627	0.0596501	0.783253	-1.27673	0.0128004	0.700894	-1.42675	0.758972	0.965244	-1.03601	6.86E-05	0.433157	-2.30863
cg24836483	MYPOP	0.0188119	0.0390716	1.67145	1.67145	0.189401	1.34853	1.34853	0.127424	1.42554	1.42554	0.429228	0.840654	-1.18955	0.177657	0.734819	-1.36088
cg16187125	MYPOP	0.0201853	0.0528914	0.792253	-1.26222	0.0107934	1.40348	1.40348	0.00299636	1.5386	1.5386	0.374248	0.907978	-1.10135	0.597901	1.05795	1.05795
cg03766703	MYPOP	0.0318343	0.101278	0.731184	-1.36765	0.198051	0.788696	-1.26792	0.885916	0.975261	-1.02537	0.983423	0.996381	-1.00363	0.0510411	0.678573	-1.47368
cg08849542	MYRIP	0.00195288	0.50946	0.908726	-1.10044	0.128092	1.26526	1.26526	0.000901308	0.491397	-2.03502	0.810001	1.03505	1.03505	0.000788748	0.484027	-2.066
cg00452949	MYRIP	0.00463813	0.681179	0.840039	-1.19042	0.688507	0.843639	-1.18534	0.032921	0.34901	-2.86525	0.00117089	0.13397	-7.46437	0.00336259	0.185767	-5.38308
cg13898157	MYRIP	0.00666281	0.0441786	0.622619	-1.60612	0.0317682	0.596986	-1.67508	0.0227332	0.571892	-1.74858	0.0765733	0.667834	-1.49738	0.000809436	0.35504	-2.81658
cg09883745	MYRIP	0.0181726	0.229047	0.774171	-1.2917	0.0827464	1.47642	1.47642	0.0107011	0.521773	-1.91654	0.154408	0.734089	-1.36223	0.00488142	0.469268	-2.13098
cg23024967	MYRIP	0.031288	0.0129362	0.178338	-5.60733	0.329363	0.569766	-1.75511	0.619284	0.755855	-1.32301	0.0202615	0.209253	-4.77891	0.0201297	0.208771	-4.78993
cg20741474	MYRIP	0.031746	0.551887	1.37567	1.37567	0.400219	0.633611	-1.57826	0.0768078	0.352452	-2.83727	0.691037	0.809211	-1.23577	0.00747391	0.16122	-6.2027
cg25070010	MYRIP	0.0403036	0.889972	1.01949	1.01949	0.384941	0.88319	-1.13226	0.449411	1.11347	1.11347	0.495645	1.10128	1.10128	0.375029	0.880767	-1.13537
cg07876132	MYRIP;MYRIP	0.0174468	0.688069	0.819965	-1.21956	0.6181	1.28043	1.28043	0.534863	1.36221	1.36221	0.573183	0.755801	-1.3231	0.757308	0.858601	-1.16468
cg10088610	MYSM1	0.0258445	0.653954	1.08154	1.08154	0.283803	0.824124	-1.21341	0.0112192	0.575831	-1.73662	0.783447	0.95327	-1.04902	0.079862	1.40162	1.40162
cg02515103	MYSM1	0.0417628	0.995185	0.998804	-1.0012	0.305127	1.23451	1.23451	0.0141584	1.82316	1.82316	0.1907	0.759651	-1.31639	0.134563	0.72609	-1.37724
cg02220965	MYST1;MYST1	0.00365156	0.0143252	0.361744	-2.76439	0.0346853	0.436425	-2.29134	0.618944	0.844652	-1.18392	0.984835	1.00642	1.00642	0.449651	0.771508	-1.29616
cg06205614	MYST1;MYST1	0.00711334	0.118756	0.656864	-1.52238	0.00577474	0.407523	-2.45385	0.00441817	2.56766	2.56766	0.0196898	0.496974	-2.01218	0.0487025	0.571907	-1.74854
cg05012620	MYST2	4.95E-07	2.65E-07	0.323933	-3.08705	0.00246069	0.732599	-1.365	9.29E-05	0.597383	-1.67397	0.0400703	0.839218	-1.19159	1.23E-07	0.288423	-3.46713
cg12745335	MYST2	0.000137803	0.0159967	1.67407	1.67407	0.000545144	2.55674	2.55674	0.609246	1.09425	1.09425	0.000457234	2.62301	2.62301	0.000242982	2.88674	2.88674
cg20185454	MYST2	0.00335599	0.0271603	2.31462	2.31462	0.0104352	2.81464	2.81464	0.00260002	0.262113	-3.81515	0.0232201	0.418618	-2.38881	0.0442043	0.47622	-2.09987
cg13533976	MYST2	0.0386952	0.319207	1.32285	1.32285	0.0138389	2.28592	2.28592	0.091462	1.65723	1.65723	0.0294737	0.498153	-2.00741	0.0412669	1.89627	1.89627
cg07099056	MYST2	0.0411672	0.0757502	0.560316	-1.78471	0.144509	0.631706	-1.58301	0.404009	0.778616	-1.28433	0.00463779	0.331653	-3.0152	0.00494239	0.335913	-2.97696
cg16061375	MYST2	0.0482173	0.087496	0.723136	-1.38287	0.936258	1.01384	1.01384	0.0300249	1.55051	1.55051	0.0885877	0.724104	-1.38102	0.309884	1.1979	1.1979
cg18104321	MYST2;MYST2	0.0335312	0.0834115	0.784803	-1.27421	0.706346	0.953265	-1.04903	0.0302083	1.38023	1.38023	0.503855	0.917801	-1.08956	0.0361271	0.734802	-1.36091
cg04406574	MYST3;MYST3;MYST3	0.00166826	0.0528037	1.60164	1.60164	0.00391259	2.29568	2.29568	0.784692	0.943081	-1.06035	0.962802	0.99007	-1.01003	0.670818	0.912573	-1.0958
cg05414383	MYST3;MYST3;MYST3	0.0268894	0.806969	1.0641	1.0641	0.748145	1.0852	1.0852	0.492613	0.837895	-1.19347	0.289477	1.32187	1.32187	0.000684318	0.268073	-3.73033
cg14316231	MYST3;MYST3;MYST3	0.0344943	0.826443	0.933353	-1.07141	0.131881	1.66662	1.66662	0.395483	1.31433	1.31433	0.0309208	0.451189	-2.21637	0.0273435	0.440433	-2.27049
cg05791881	MYST4	7.32E-05	0.00011699	0.492303	-2.03127	0.599204	0.945829	-1.05727	6.50E-06	0.348212	-2.87182	0.706761	0.961087	-1.04049	0.000165936	0.50976	-1.96171
cg16198468	MYST4	0.00100638	0.0120229	0.578272	-1.72929	0.974446	1.00562	1.00562	0.000501138	0.386101	-2.59	0.937397	1.01383	1.01383	0.000317684	0.360762	-2.77191
cg03610439	MYST4	0.00180943	0.0179962	0.648807	-1.54129	0.00152948	0.503308	-1.98685	0.0140011	0.633354	-1.5789	0.0424597	1.42148	1.42148	0.00248374	0.53104	-1.8831
cg06098530	MYST4	0.0031167	0.00376184	0.283732	-3.52445	0.00536782	0.30699	-3.25744	0.00993075	0.350283	-2.85483	0.0583935	0.502135	-1.9915	0.000739328	0.191895	-5.21117
cg09631472	MYST4	0.00402311	0.0097295	0.63587	-1.57265	0.0527607	1.3564	1.3564	0.0038833	1.71329	1.71329	0.144925	0.805125	-1.24204	0.40094	0.887775	-1.12641
cg24671245	MYST4	0.00527644	0.110541	1.14419	1.14419	0.0182652	0.800989	-1.24846	0.162892	0.891027	-1.1223	0.271023	1.09282	1.09282	0.000999075	1.46016	1.46016
cg02976898	MYST4	0.00573329	0.00269765	0.414905	-2.41019	0.0945065	0.677047	-1.477	0.71442	0.924976	-1.08111	0.918655	1.02191	1.02191	0.000469459	0.311449	-3.2108
cg07299586	MYST4	0.0116901	0.0100717	0.392839	-2.54557	0.00243566	0.297043	-3.36651	0.00213046	0.28886	-3.46189	0.129756	0.624433	-1.60145	0.0371739	0.498555	-2.0058
cg07672076	MYST4	0.0118103	0.0679349	0.619277	-1.61479	0.00297491	0.384685	-2.59953	0.331766	0.790811	-1.26453	0.903969	0.972107	-1.02869	0.0667755	0.617723	-1.61885
cg24543574	MYST4	0.0184315	0.0271677	0.666072	-1.50134	0.700753	0.941754	-1.06185	0.168552	0.796116	-1.2561	0.868708	1.02604	1.02604	0.00289417	0.529156	-1.8898
cg15163862	MYST4	0.0254455	0.0888035	0.620398	-1.61187	0.00496793	0.388349	-2.575	0.0649993	0.590388	-1.6938	0.701144	1.10304	1.10304	0.0794235	0.60946	-1.6408
cg24520885	MYST4	0.0341357	0.0281065	0.345111	-2.89761	0.465457	1.35623	1.35623	0.833104	0.917081	-1.09042	0.0272798	0.342478	-2.9199	0.0707361	0.436768	-2.28955
cg00432328	MYST4	0.0434857	0.32441	1.39142	1.39142	0.0241092	0.417683	-2.39416	0.0302287	0.437329	-2.28661	0.688118	1.13994	1.13994	0.021066	0.406328	-2.46107
cg26605858	MYST4	0.0437039	0.195532	0.834764	-1.19794	0.434445	1.11095	1.11095	0.339905	1.13856	1.13856	0.443858	0.902136	-1.10848	0.747138	1.0436	1.0436
cg00366037	MYST4	0.049637	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16420861	MYT1	0.00889574	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12310562	MYT1	0.0125917	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12250197	MYT1	0.0129167	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23499631	MYT1	0.0197008	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21910489	MYT1	0.0273295	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18555440	0.0700707	1.40514	1.40514	0.109045	0.745648	-1.34112	3.83E-05	3.76664	3.76664	0.00116332	2.22768	2.22768	11.7964	5.2698	0.397092	1
cg22344611	0.144272	2.08905	2.08905	?	?	?	0.00207871	7.65783	7.65783	0.0362309	3.13871	3.13871	6.37253	19.7925	3.1059	1
cg05694840	0.03216	1.40928	1.40928	0.0283955	0.702084	-1.42433	0.731704	0.954037	-1.04818	0.00545838	1.64821	1.64821	5.81052	1.72008	0.263136	1
cg07271264	0.576062	1.11794	1.11794	0.537163	1.13125	1.13125	0.0298444	1.6561	1.6561	0.0362875	1.61676	1.61676	3.88009	2.39368	0.548367	1
cg27220117	0.0017211	0.399135	-2.50542	0.000359376	0.308721	-3.23917	0.0409779	0.616134	-1.62302	0.00314578	0.436584	-2.29051	16.3725	10.9319	0.593513	1
cg10582048	0.012399	0.683902	-1.4622	3.43E-05	0.375793	-2.66104	0.00121833	0.561119	-1.78215	0.112753	0.809993	-1.23458	11.1679	2.63548	0.209766	1
cg13669036	0.0207094	0.407804	-2.45216	0.00346053	0.278532	-3.59025	0.597121	0.842172	-1.18741	0.00751429	0.33025	-3.02801	10.6264	17.4533	1.45995	1
cg26808637	0.00198617	0.279127	-3.5826	0.00207068	0.281627	-3.5508	0.119705	0.610616	-1.63769	0.0022133	0.285651	-3.50078	10.6101	14.3458	1.20186	1
cg11276093	0.219837	1.28435	1.28435	0.226619	0.781725	-1.27922	0.162032	1.3359	1.3359	0.608025	0.904524	-1.10555	10.0281	5.97579	0.529693	1
cg24147498	0.261469	0.644487	-1.55162	5.37E-05	0.0592293	-16.8835	0.71839	1.14551	1.14551	0.401791	1.37977	1.37977	9.20447	20.5153	1.9812	1
cg20095825	0.232659	1.19029	1.19029	0.204964	0.830151	-1.2046	0.000709256	2.05026	2.05026	0.0141232	1.52434	1.52434	8.27327	2.53839	0.272728	1
cg14449963	0.00310266	1.57221	1.57221	0.0093378	0.69163	-1.44586	0.161864	1.1818	1.1818	0.0143065	0.713348	-1.40184	7.26851	1.43965	0.17606	1
cg03362798	0.595021	1.1333	1.1333	0.0493842	1.68722	1.68722	0.113177	0.668926	-1.49493	0.275232	0.767399	-1.3031	6.58618	5.67411	0.765794	1
cg22845855	0.751137	0.904748	-1.10528	0.188004	0.64474	-1.55101	0.0240859	2.3312	2.3312	0.653392	0.86744	-1.15282	6.0741	9.5219	1.39344	1
cg14060519	0.353517	0.678037	-1.47485	0.412874	0.711233	-1.40601	0.0453766	0.392876	-2.54533	0.984767	1.0078	1.0078	5.75343	15.0965	2.33236	1
cg19166875	0.686762	1.13602	1.13602	0.0033166	0.28421	-3.51852	0.102482	1.75438	1.75438	0.237935	0.677807	-1.47535	5.43644	8.52072	1.39319	1
cg18082515	0.631703	1.20901	1.20901	0.00628075	0.246789	-4.05204	0.0490797	2.41805	2.41805	0.0649861	0.442905	-2.25782	5.10194	12.4813	2.17457	1
cg11308963	0.0412921	0.447651	-2.23388	0.0876672	0.525349	-1.9035	0.150195	0.590578	-1.69326	0.187059	0.620336	-1.61203	4.48025	8.27286	1.64135	1
cg16358099	0.194179	1.32518	1.32518	0.0637618	0.652358	-1.5329	0.588033	0.893952	-1.11863	0.75005	1.06771	1.06771	3.8106	2.53561	0.591474	1
cg13446070	0.54664	1.12658	1.12658	0.00157739	0.412024	-2.42704	0.72671	1.07096	1.07096	0.397235	0.844199	-1.18456	8.37837	5.06551	0.537417	1
cg17424007	0.157923	1.21414	1.21414	0.000728788	1.9351	1.9351	0.461323	1.10119	1.10119	0.0949689	0.789919	-1.26595	7.83169	2.04886	0.232543	1
cg07050917	0.70607	0.905486	-1.10438	0.670787	1.11856	1.11856	0.00646288	0.395389	-2.52916	0.0122047	0.441182	-2.26664	16.0674	17.4736	0.966686	1
cg05486872	0.0884046	0.738776	-1.35359	0.0023057	1.98548	1.98548	0.120143	1.31196	1.31196	0.520888	0.900504	-1.11049	9.48756	3.8974	0.365148	1
cg00522579	0.468352	0.804762	-1.2426	0.00146599	0.258679	-3.86579	0.821318	0.935575	-1.06886	0.0691118	0.549507	-1.81981	7.25465	9.95755	1.22007	1
cg11746846	0.00400594	1.41846	1.41846	0.000369803	1.674	1.674	0.132937	0.863685	-1.15783	0.365851	1.08761	1.08761	6.99921	0.905802	0.115035	1
cg12067287	0.0846049	0.440363	-2.27085	0.000836429	0.115174	-8.68252	0.753568	0.873355	-1.14501	0.0320676	0.33968	-2.94395	6.86793	20.1096	2.6027	1
cg00535538	0.0460998	1.22224	1.22224	2.98E-07	0.267179	-3.74281	0.369765	1.08424	1.08424	0.0468831	0.818924	-1.22112	63.0815	7.703	0.108544	1
cg13318572	0.59911	1.14035	1.14035	0.000211201	0.21575	-4.63499	0.395077	1.24068	1.24068	0.22914	0.731647	-1.36678	16.3218	15.8467	0.863016	1
cg25541958	0.000579697	2.84607	2.84607	0.00178161	0.417269	-2.39654	0.0799114	1.46503	1.46503	0.938761	1.01521	1.01521	15.8876	9.71766	0.543689	1
cg20103825	0.000110034	1.46613	1.46613	0.414756	1.04797	1.04797	0.000778444	1.33075	1.33075	0.0545137	0.884608	-1.13044	15.4531	0.773217	0.0444767	1
cg05570806	0.700809	1.03908	1.03908	0.0268386	1.29748	1.29748	0.493731	0.933308	-1.07146	0.0120672	0.732831	-1.36457	14.8192	2.31461	0.138836	1
cg22728991	0.386391	1.13061	1.13061	0.00990571	1.56904	1.56904	0.277615	1.16893	1.16893	0.203757	0.830736	-1.20375	13.3387	4.03769	0.26907	1
cg10452704	0.190594	0.64538	-1.54948	6.52E-05	0.0986433	-10.1375	0.656518	0.868121	-1.15191	0.0596979	0.510993	-1.95697	11.3656	17.9702	1.40542	1
cg23751024	0.000644722	0.320711	-3.11807	0.00142936	0.367208	-2.72325	0.578209	0.885149	-1.12975	0.0553125	0.62384	-1.60298	9.34097	6.97996	0.664214	1
cg06445972	0.992807	1.00134	1.00134	0.0117541	1.59574	1.59574	0.978901	0.996081	-1.00393	0.814266	1.03556	1.03556	9.17206	3.20331	0.310441	1
cg15640339	0.0294449	0.744483	-1.34321	0.00921122	0.683601	-1.46284	6.91E-05	0.433161	-2.30861	0.0244249	0.734526	-1.36142	9.1341	1.91516	0.186375	1
cg02833196	0.148624	0.644508	-1.55157	0.182662	0.669661	-1.49329	0.653026	0.879579	-1.13691	0.0256987	0.471766	-2.1197	8.71946	11.1025	1.13182	1
cg24282259	0.668774	1.03927	1.03927	0.0026426	1.48047	1.48047	0.931285	1.00774	1.00774	0.230471	0.892877	-1.11997	9.11306	1.12939	0.0963905	1
cg02243278	0.114715	0.426776	-2.34315	0.000759048	0.0793798	-12.5977	0.645749	1.25829	1.25829	0.0178496	0.239478	-4.17575	7.7351	30.1856	3.46881	1
cg06216883	0.0562781	0.410204	-2.43781	0.432944	0.719005	-1.39081	0.467454	1.35635	1.35635	0.00206513	0.167185	-5.98139	7.26975	19.5665	2.39244	1
cg09567013	0.102853	0.684951	-1.45996	0.1003	1.46488	1.46488	0.0381365	1.66463	1.66463	0.329762	1.23771	1.23771	6.90927	4.92011	0.63298	1
cg10700718	0.218032	0.699479	-1.42964	0.00191473	0.297559	-3.36067	0.789897	0.928985	-1.07644	0.115753	0.624006	-1.60255	6.67231	8.04063	1.07118	1
cg15456293	0.0102485	0.449421	-2.22508	0.233817	1.36135	1.36135	0.638287	0.889566	-1.12414	0.414512	0.813715	-1.22893	6.52866	6.31566	0.859888	1
cg01012295	0.0318035	1.58143	1.58143	0.755121	1.05864	1.05864	0.935469	0.985359	-1.01486	0.405429	0.856384	-1.1677	6.14822	3.23034	0.467032	1
cg00527552	0.574148	1.07306	1.07306	0.00810613	1.52354	1.52354	0.856839	1.02268	1.02268	0.0181493	0.700264	-1.42803	6.09874	1.48987	0.217148	1
cg21816685	0.275736	0.589469	-1.69644	0.867913	1.08068	1.08068	0.226868	1.80656	1.80656	0.0114248	0.22865	-4.3735	5.98084	20.582	3.05896	1
cg21768014	0.963758	1.00674	1.00674	0.0375971	1.42845	1.42845	0.0841943	0.75395	-1.32635	0.421466	0.885681	-1.12908	5.11284	1.76962	0.307655	1
cg21473728	0.655209	1.06951	1.06951	0.0015732	1.97167	1.97167	0.328847	1.16264	1.16264	0.122514	1.28432	1.28432	5.1005	1.80615	0.314767	1
cg17583158	0.0489479	0.22626	-4.41969	0.00515943	0.0870601	-11.4863	0.643528	0.734894	-1.36074	0.0159123	0.142053	-7.03965	4.93443	34.1439	6.15068	1
cg11701148	0.518903	0.777438	-1.28628	0.054805	0.43234	-2.313	0.283766	1.5353	1.5353	0.405611	0.720671	-1.38759	4.75335	11.1582	2.08662	1
cg08174789	0.383161	0.823633	-1.21413	0.0221251	1.81354	1.81354	0.936518	1.01743	1.01743	0.603184	1.12051	1.12051	4.71781	3.51738	0.662714	1
cg20176371	0.449233	1.12072	1.12072	0.00222627	1.88361	1.88361	0.940894	0.9891	-1.01102	0.0762323	1.33851	1.33851	4.66289	1.61323	0.30753	1
cg27621514	0.015635	1.93958	1.93958	0.0183211	1.89634	1.89634	0.040848	1.69496	1.69496	0.395165	0.823117	-1.21489	4.5126	3.5709	0.703394	1
cg11040181	0.669279	0.772823	-1.29396	0.541694	0.690386	-1.44847	0.58518	1.39177	1.39177	0.046913	0.255578	-3.9127	4.1215	23.4802	5.064	1
cg23286105	0.0346484	0.650132	-1.53815	0.0706623	1.42353	1.42353	0.205534	0.791773	-1.26299	0.00577585	0.531388	-1.88187	4.09768	1.98343	0.430255	1
cg21844893	0.506633	1.16149	1.16149	0.160501	1.39527	1.39527	0.875725	1.03538	1.03538	0.402248	1.20981	1.20981	3.97943	3.11114	0.694938	1
cg24290751	0.95164	1.01125	1.01125	0.0163899	1.71789	1.71789	0.561857	1.11425	1.11425	0.978656	1.00495	1.00495	3.85014	2.07447	0.478937	1
cg04146801	0.0567018	0.702416	-1.42366	0.0766792	1.38051	1.38051	0.753946	1.05284	1.05284	0.139858	1.29711	1.29711	3.84945	1.63504	0.377552	1
cg02618355	0.232831	0.831912	-1.20205	0.00612387	1.69247	1.69247	0.134562	1.26785	1.26785	0.244077	0.835882	-1.19634	3.82797	1.3118	0.304612	1
cg00874558	0.713563	0.82689	-1.20935	0.0131542	0.204921	-4.87992	0.00279225	0.119467	-8.37052	0.0638206	0.341581	-2.92756	3.6837	15.5085	3.74226	1
cg03454775	0.0907242	3.18431	3.18431	0.00317152	12.2435	12.2435	0.019636	5.76591	5.76591	0.0935409	3.14649	3.14649	3.63124	22.2136	5.43765	1
cg17665357	0.56427	0.770542	-1.29779	0.000957016	0.110731	-9.03086	0.76348	0.873741	-1.1445	0.402925	0.681938	-1.46641	3.62701	11.49	2.8159	1
cg08462127	0.841329	0.919914	-1.08706	0.0193324	0.307869	-3.24814	0.0966166	0.467837	-2.1375	0.0879473	0.45646	-2.19077	3.47136	9.53526	2.44163	1
cg25898146	0.451976	0.696568	-1.43561	0.0361732	0.316771	-3.15686	0.599902	0.77899	-1.28371	0.0462721	0.340487	-2.93697	3.40502	12.0081	3.13473	1
cg21547624	0.410825	0.691623	-1.44587	0.00695919	0.216382	-4.62146	0.453779	0.715653	-1.39732	0.445828	0.711266	-1.40594	4.00685	12.1974	2.7059	1
cg05350850	0.93109	1.01604	1.01604	5.09E-06	0.148269	-6.74449	0.00215985	0.452856	-2.20821	0.18882	0.774051	-1.2919	27.8653	14.9359	0.476446	1
cg08644482	0.0274458	0.743807	-1.34444	0.0117935	0.699875	-1.42883	0.000131336	0.47092	-2.1235	0.120733	0.826175	-1.2104	27.7547	5.65964	0.181259	1
cg03614954	0.492542	1.09708	1.09708	0.0819719	0.773998	-1.29199	1.15E-06	0.186752	-5.35468	0.84512	1.02634	1.02634	22.4416	6.28027	0.248755	1
cg01350686	0.00518125	0.393699	-2.54001	0.205375	0.713562	-1.40142	0.000384555	0.239014	-4.18385	0.00674511	0.411805	-2.42834	10.7266	10.8396	0.898248	1
cg25593625	0.542178	1.24161	1.24161	0.000958684	5.61457	5.61457	0.272681	1.49247	1.49247	0.0129746	2.94895	2.94895	7.9144	15.4202	1.73188	1
cg15987211	0.0416279	0.520132	-1.92259	0.000316613	0.197201	-5.07096	0.00486672	0.353846	-2.82609	0.0168578	0.444222	-2.25112	6.98164	8.56365	1.09031	1
cg14284055	0.155922	0.586548	-1.70489	0.254954	0.658557	-1.51847	0.00255273	0.229736	-4.35282	0.0118312	0.331376	-3.01772	5.50743	10.7728	1.7387	1
cg06649280	0.0215012	0.304983	-3.27887	0.00453179	0.196672	-5.08462	0.0108842	0.252923	-3.95378	0.151865	0.516782	-1.93505	4.67382	13.6864	2.60294	1
cg12768969	0.399746	0.711479	-1.40552	0.0331505	0.374007	-2.67375	0.0105216	0.280506	-3.56499	0.0692401	0.448124	-2.23152	3.68108	9.09132	2.19532	1
cg14564939	0.0422843	0.316511	-3.15945	0.00397394	0.14888	-6.71681	0.0141374	0.225541	-4.43378	0.187373	0.502981	-1.98815	4.03502	15.4569	3.40506	1
cg02277868	0.101059	2.11944	2.11944	0.0138062	0.279973	-3.57177	0.141225	1.93841	1.93841	0.077063	0.4394	-2.27583	4.78984	13.2742	2.4634	1
cg06995966	0.384423	1.36102	1.36102	0.0226361	2.56851	2.56851	0.838899	0.93206	-1.07289	0.862306	1.06184	1.06184	4.75514	8.99669	1.68177	1
cg25171856	0.105055	0.741808	-1.34806	0.138203	1.30886	1.30886	0.142257	0.766429	-1.30475	0.0768798	0.717669	-1.3934	4.56738	2.05686	0.400299	1
cg20414512	0.196515	1.36973	1.36973	0.0856378	0.645523	-1.54913	0.00221406	0.372355	-2.68561	0.00641012	0.441733	-2.26381	8.0387	6.75744	0.747212	1
cg07598199	0.0326076	0.331824	-3.01364	0.00525471	0.197177	-5.07158	0.306904	0.627134	-1.59455	0.159389	0.515134	-1.94124	4.00611	12.346	2.73938	1
cg21011794	0.00215642	0.371113	-2.6946	0.532423	0.864568	-1.15665	0.0020777	0.368803	-2.71148	0.000420617	0.276265	-3.61972	10.7573	9.02302	0.745585	1
cg11590420	0.00342102	1.73428	1.73428	2.55E-06	4.82648	4.82648	0.232435	1.18928	1.18928	0.506454	1.09781	1.09781	18.0898	5.49054	0.269791	1
cg15699693	0.620777	0.918505	-1.08873	0.0010234	2.29285	2.29285	0.00926543	0.569584	-1.75567	0.115933	0.747331	-1.33809	6.35089	2.92235	0.409021	1
cg26784201	0.365104	1.44829	1.44829	0.00994598	3.65386	3.65386	0.0595916	2.33072	2.33072	0.682293	0.848906	-1.17799	6.17693	15.4968	2.23006	1
cg07283463	0.0223039	1.86854	1.86854	0.000185903	4.22337	4.22337	0.41935	1.20726	1.20726	0.850223	0.957764	-1.0441	5.82848	4.81036	0.733618	1
cg17800426	0.298384	0.800993	-1.24845	0.879529	1.03172	1.03172	0.121218	0.707579	-1.41327	0.43877	0.849951	-1.17654	4.65778	3.12632	0.596626	1
cg07337385	0.271162	0.745009	-1.34227	0.0649676	0.587145	-1.70316	0.07969	0.606685	-1.6483	0.19156	0.70099	-1.42655	4.27277	4.46782	0.929466	1
cg14600885	0.15925	0.553228	-1.80757	0.00994367	0.277687	-3.60118	0.0176164	0.320972	-3.11554	0.203903	0.589974	-1.69499	3.81561	9.35842	2.18015	1
cg04518836	0.19411	1.15804	1.15804	0.0299097	1.31371	1.31371	0.912128	1.01186	1.01186	0.0423159	0.778967	-1.28375	3.73903	0.675538	0.160597	1
cg14771810	0.712452	0.795628	-1.25687	0.948128	0.960616	-1.041	0.220767	0.451576	-2.21447	0.917242	1.06629	1.06629	3.73756	22.5773	5.36948	1
cg13214422	0.135785	0.713792	-1.40097	0.00203634	2.48973	2.48973	0.158498	0.728945	-1.37185	0.0852483	0.670945	-1.49044	5.69478	3.96753	0.619286	1
cg13609017	0.599228	0.93828	-1.06578	0.000363122	1.98697	1.98697	0.348233	0.890455	-1.12302	0.195698	0.848408	-1.17868	12.8086	2.92787	0.203188	1
cg17528580	0.115345	0.439775	-2.27389	0.00164475	0.11501	-8.69489	0.0096527	0.207691	-4.81484	0.0177265	0.250613	-3.99022	7.87911	28.7354	3.24181	1
cg06553114	0.746246	0.830125	-1.20464	0.0350657	0.244626	-4.08787	0.0166596	0.187079	-5.34535	0.209195	0.46813	-2.13616	3.99283	20.7925	4.62884	1
cg00745735	0.0130515	0.308618	-3.24025	0.00829561	0.27571	-3.627	0.94248	0.972828	-1.02793	0.136779	0.542308	-1.84397	3.63421	8.38879	2.05181	1
cg07453407	0.193293	0.853653	-1.17144	3.16E-05	0.393688	-2.54008	0.0888221	0.805947	-1.24078	0.0455272	0.76829	-1.30159	14.6861	3.07289	0.185989	1
cg24836483	0.00521239	0.452537	-2.20977	0.0101692	0.497998	-2.00804	0.843526	1.04342	1.04342	0.599837	0.892378	-1.1206	4.80318	3.51943	0.651315	1
cg16187125	0.328589	1.11263	1.11263	0.358088	0.90481	-1.1052	0.82826	1.02326	1.02326	0.0873825	1.2211	1.2211	4.68984	0.832121	0.157716	1
cg03766703	0.00784329	0.551371	-1.81366	0.0134675	0.586362	-1.70543	0.0723866	1.41885	1.41885	0.107515	0.736022	-1.35866	4.00131	1.92945	0.428628	1
cg08849542	0.000490307	0.45792	-2.18379	0.0159884	0.655831	-1.52478	0.56532	0.920231	-1.08668	0.440198	0.89352	-1.11917	9.70908	3.14564	0.287991	1
cg00452949	0.0122114	0.267817	-3.73389	0.00544137	0.213733	-4.67874	0.989278	0.994346	-1.00569	0.00210836	0.161326	-6.19862	7.50847	21.1706	2.50628	1
cg13898157	0.214266	0.764929	-1.30731	0.0670468	1.52302	1.52302	0.969405	1.00789	1.00789	0.00513591	0.468814	-2.13304	6.71757	4.46875	0.591319	1
cg09883745	0.027545	0.589502	-1.69635	0.0233983	0.577398	-1.73191	0.0551403	0.643453	-1.55411	0.522003	0.876698	-1.14064	4.8595	3.16476	0.578891	1
cg23024967	0.507742	0.686936	-1.45574	0.00474023	0.122924	-8.13508	0.108316	0.375704	-2.66167	0.0309034	0.242635	-4.12141	4.02612	19.9123	4.39624	1
cg20741474	0.665603	0.7942	-1.25913	0.00290459	0.114305	-8.74855	0.0775397	0.35356	-2.82837	0.0543644	0.314476	-3.17989	4.00528	17.8128	3.95319	1
cg25070010	0.462319	0.900922	-1.10997	0.560672	0.921234	-1.0855	0.00191225	0.541777	-1.84578	0.0390332	1.39531	1.39531	3.67289	1.13112	0.273746	1
cg07876132	0.42265	0.668433	-1.49604	0.334833	0.613132	-1.63097	0.000274703	18.7382	18.7382	0.680342	1.22599	1.22599	4.92649	18.8737	3.40538	1
cg10088610	0.237846	1.23961	1.23961	0.00472122	1.91957	1.91957	0.198582	0.789772	-1.26619	0.768795	1.05254	1.05254	4.30709	2.05851	0.424832	1
cg02515103	0.469243	1.15728	1.15728	0.00872389	0.515323	-1.94053	0.336009	0.821344	-1.21752	0.413527	0.847176	-1.18039	3.62493	2.25966	0.554104	1
cg02220965	0.00545726	0.292067	-3.42387	0.000177528	0.117727	-8.49426	0.358491	1.37431	1.37431	0.00885564	0.325654	-3.07075	8.07065	14.4933	1.59627	1
cg06205614	0.336618	0.78201	-1.27876	0.0183814	0.491632	-2.03404	0.738317	0.920152	-1.08678	0.0218713	0.505221	-1.97933	6.58205	6.42147	0.867203	1
cg05012620	4.18E-06	0.455218	-2.19675	2.96E-07	0.329143	-3.03819	0.429002	1.06147	1.06147	7.02E-06	0.479747	-2.08443	87.7133	7.58254	0.0768417	1
cg12745335	0.0114401	1.73831	1.73831	0.0225243	0.620399	-1.61187	1.82E-05	4.60607	4.60607	0.331476	0.839406	-1.19132	20.3157	9.82175	0.42974	1
cg20185454	0.131017	0.59256	-1.68759	0.00492269	0.302526	-3.30551	0.0299081	0.440471	-2.2703	0.3918	0.754589	-1.32522	8.27712	13.5028	1.45008	1
cg13533976	0.859322	1.0494	1.0494	0.292598	0.743216	-1.3455	0.439038	0.806932	-1.23926	0.305484	0.749462	-1.33429	3.7283	4.36212	1.04	1
cg07099056	0.996427	1.00131	1.00131	0.0511746	0.521645	-1.91701	0.43972	0.793792	-1.25978	0.257993	0.70758	-1.41327	3.64425	4.95675	1.20903	1
cg16061375	0.582236	0.908941	-1.10018	0.0567221	1.44862	1.44862	0.359178	1.17587	1.17587	0.0256243	1.57715	1.57715	3.4351	1.60651	0.415712	1
cg18104321	0.00595099	0.634592	-1.57581	0.105321	0.799505	-1.25077	0.246341	0.857872	-1.16567	0.682669	1.05335	1.05335	3.92744	0.994575	0.2251	1
cg04406574	0.0221052	0.555863	-1.799	0.000262733	0.277063	-3.60928	0.531249	1.14535	1.14535	0.00345585	0.427596	-2.33865	10.163	7.37054	0.64465	1
cg05414383	0.104699	0.637588	-1.56841	0.178194	0.695537	-1.43774	0.658611	1.11946	1.11946	0.171572	0.691148	-1.44687	4.24778	4.33336	0.906798	1
cg14316231	0.932486	0.973738	-1.02697	0.0176205	0.403752	-2.47677	0.0940409	1.78292	1.78292	0.11274	0.581441	-1.71986	3.88754	6.07388	1.3888	1
cg05791881	0.00268696	0.646832	-1.546	0.000857343	0.591061	-1.69187	0.0277532	1.31416	1.31416	0.0146023	0.72918	-1.3714	24.0639	4.20336	0.155266	1
cg16198468	0.377035	0.853427	-1.17175	0.0481783	0.673795	-1.48413	0.00695084	1.84158	1.84158	0.00351557	0.50053	-1.99788	11.7453	5.68709	0.4304	1
cg03610439	0.460032	1.11988	1.11988	0.0524385	1.39371	1.39371	0.513218	0.905013	-1.10496	0.00173711	0.510556	-1.95865	9.92673	3.56186	0.318947	1
cg06098530	0.106807	0.567145	-1.76322	0.000628461	0.183949	-5.43629	0.0311197	0.442679	-2.25897	0.0127984	0.369355	-2.70742	8.46163	13.9044	1.46065	1
cg09631472	0.0159363	0.664542	-1.5048	0.0953925	0.775954	-1.28874	0.00514848	1.66787	1.66787	0.770796	1.04128	1.04128	7.83887	2.37995	0.269875	1
cg24671245	0.0576634	1.18089	1.18089	0.013051	0.787776	-1.2694	0.160897	0.890472	-1.123	0.969406	0.997034	-1.00298	7.21883	0.685992	0.0844694	1
cg02976898	0.873078	1.03451	1.03451	0.0500346	1.60671	1.60671	0.344924	0.813484	-1.22928	0.0404649	0.605219	-1.65229	7.03711	5.01858	0.63392	1
cg07299586	0.209175	0.683274	-1.46354	0.0475042	0.520894	-1.91978	0.123241	0.618538	-1.61672	0.0101942	0.393732	-2.5398	5.62097	7.36938	1.16538	1
cg07672076	0.0226999	0.527671	-1.89512	0.195654	0.725597	-1.37818	0.000963696	0.315999	-3.16457	0.0198468	0.517298	-1.93312	5.60237	4.87437	0.773383	1
cg24543574	0.665205	0.934576	-1.07	0.114189	1.30609	1.30609	0.00413375	0.550128	-1.81776	0.532472	0.906412	-1.10325	4.8364	1.84997	0.340009	1
cg15163862	0.763338	1.07983	1.07983	0.00889108	0.428826	-2.33195	0.433449	0.816042	-1.22543	0.0108611	0.443335	-2.25563	4.33052	4.43633	0.910607	1
cg24520885	0.0560435	0.41157	-2.42972	0.00424103	0.208015	-4.80734	0.560107	1.27341	1.27341	0.198982	0.573063	-1.74501	3.90223	10.3996	2.36893	1
cg00432328	0.548294	0.821047	-1.21796	0.0822714	1.86792	1.86792	0.252385	1.47414	1.47414	0.932421	0.972846	-1.02791	3.57089	5.95852	1.48323	1
cg26605858	0.524056	0.918345	-1.08892	0.015925	0.677423	-1.47618	0.211925	0.840733	-1.18944	0.00696109	1.58504	1.58504	3.56423	0.982546	0.245038	1
cg00366037	0.0871908	0.426887	-2.34254	0.20952	0.550931	-1.81511	0.134948	0.483664	-2.06755	0.513389	1.34817	1.34817	3.39753	10.9316	2.86002	1
[illegible]	0.596456	1.16074	1.16074	0.915617	1.03	1.03	0.0763287	1.73328	1.73328	0.458591	1.23431	1.23431	8.71747	10.7419	1.09532	1
cg16420861	0.00561802	0.477218	-2.09548	0.00695428	0.491354	-2.03519	0.00591479	2.08069	2.08069	0.964025	0.990864	-1.00922	6.08893	3.99338	0.582972	1
cg12310562	0.0263843	0.806283	-1.24026	0.976596	0.997604	-1.0024	0.0222516	1.25116	1.25116	0.0511688	0.833936	-1.19913	5.48696	0.581118	0.0941413	1
cg12250197	0.0170764	1.67268	1.67268	0.0600302	0.687047	-1.4555	0.286109	1.21653	1.21653	0.925738	0.983641	-1.01663	5.35492	2.65486	0.440693	1
cg23499631	0.0421729	1.57454	1.57454	0.208545	1.29319	1.29319	0.021793	1.70564	1.70564	0.563579	1.1199	1.1199	4.7287	2.81679	0.529492	1
cg21910489	0.0519632	0.476291	-2.09956	0.999413	1.00025	1.00025	0.399071	1.33589	1.33589	0.162943	0.606776	-1.64805	4.22364	7.52716	1.58413	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)
cg21406518	MYT1	0.0304059
cg00694726	MYT1	0.0320089
cg03674841	MYT1	0.0331787
cg05974816	MYT1L	1.88E-06
cg18148375	MYT1L	8.83E-06
cg19705853	MYT1L	5.83E-05
cg03464392	MYT1L	7.91E-05
cg14328535	MYT1L	0.000246637
cg20256649	MYT1L	0.000402165
cg22511877	MYT1L	0.000525726
cg14766621	MYT1L	0.000549071
cg21852550	MYT1L	0.000570893
cg06393879	MYT1L	0.000663977
cg07855242	MYT1L	0.000710158
cg21465236	MYT1L	0.00158137
cg20247911	MYT1L	0.00180738
cg14958969	MYT1L	0.00186651
cg06552160	MYT1L	0.0029584
cg09222505	MYT1L	0.00364912
cg14129053	MYT1L	0.00430993
cg09446465	MYT1L	0.00444591
cg12254179	MYT1L	0.00473378
cg26606257	MYT1L	0.00509209
cg23219762	MYT1L	0.00641132
cg04680209	MYT1L	0.00869888
cg09972405	MYT1L	0.00964637
cg05075473	MYT1L	0.00988147
cg03758732	MYT1L	0.009928
cg07910488	MYT1L	0.0114214
cg04449562	MYT1L	0.0117402
cg19141556	MYT1L	0.0122263
cg04707822	MYT1L	0.0127449
cg16580837	MYT1L	0.0136232
cg03205046	MYT1L	0.0146474
cg02818910	MYT1L	0.0154057
cg23861841	MYT1L	0.0155663
cg23268979	MYT1L	0.0161106
cg02383323	MYT1L	0.0179549
cg21463709	MYT1L	0.0184163
cg17021436	MYT1L	0.0189777
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cg17162031	MYT1L	0.0293226
cg20391058	MYT1L	0.031328
cg02589604	MYT1L	0.0319201
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cg03235479	MYT1L	0.0363227
cg05313794	MYT1L	0.0365812
cg07834170	MYT1L	0.0367388
cg02065293	MYT1L	0.0444381
cg26315667	MYT1L	0.0459768
cg08689708	MYT1L	0.0478395
cg15153068	MYT1L	0.0480903
cg02304095	MYT1L;LOC730811	0.0299907
cg22010065	MZF1;MGC2752;LOC100131691;MZF1	0.0170652
cg17735983	MZF1;MZF1;LOC100131691	0.00010036
cg26706163	MZF1;MZF1;LOC100131691	0.000663432
cg05014211	MZF1;MZF1;LOC100131691	0.00070873
cg11686214	MZF1;MZF1;LOC100131691	0.00138498
cg19363466	MZF1;MZF1;LOC100131691	0.00277583
cg01050704	MZF1;MZF1;LOC100131691	0.00325213
cg26482665	MZF1;MZF1;LOC100131691	0.00433635
cg09444255	MZF1;MZF1;LOC100131691	0.00785394
cg05007985	MZF1;MZF1;LOC100131691	0.00950793
cg00577109	MZF1;MZF1;LOC100131691	0.0115977
cg11707067	MZF1;MZF1;LOC100131691	0.0139006
cg18664773	MZF1;MZF1;LOC100131691	0.0292405
cg21308197	MZF1;MZF1;LOC100131691	0.031733
cg14737320	MZF1;MZF1;LOC100131691	0.0358795
cg02765403	MZF1;MZF1;LOC100131691	0.0446851
cg10075436	MZF1;MZF1;MZF1;MZF1;LOC100131691	0.0448088
cg01407460	Magmas	0.00306583
cg03527867	Magmas	0.0117243
cg00460436	Magmas	0.0186375
cg01377523	N4BP1	0.000464129
cg01295034	N4BP1	0.000469062
cg04721812	N4BP1	0.0010337
cg05079544	N4BP1	0.00463866
cg06431604	N4BP1	0.00533329
cg06642941	N4BP1	0.00973247
cg01212978	N4BP1	0.0176845
cg26838860	N4BP1	0.029469
cg16419098	N4BP1;N4BP1	0.00740658
cg10906102	N4BP2	0.000107088
cg11521436	N4BP2	0.00292831
cg21410980	N4BP2	0.00469335
cg12935012	N4BP2	0.0117757
cg01132160	N4BP2	0.0151521
cg04828041	N4BP2	0.0291215
cg23960561	N4BP2;LOC344967	0.00602673
cg15565319	N4BP2;LOC344967	0.00685933
cg01492656	N4BP2;LOC344967	0.0454794
cg21278806	N4BP2L1;N4BP2L1	0.000369
cg17867471	N4BP2L1;N4BP2L1	0.000813733
cg11008571	N4BP2L1;N4BP2L1	0.00207933
cg23217547	N4BP2L1;N4BP2L1	0.0103282
cg00785980	N4BP2L1;N4BP2L1	0.0273252
cg24330818	N4BP2L1;N4BP2L1	0.0341455
cg23983783	N4BP2L1;N4BP2L1	0.0396484
cg11294084	N4BP2L1;N4BP2L1	0.0448023
cg13424209	N4BP2L1;N4BP2L1	0.0491597
cg12236156	N4BP2L1;N4BP2L1;N4BP2L1;N4BP2L1	0.0377255
cg04156897	N4BP2L2	0.00494593
cg05666130	N4BP2L2;CG030	0.0382051
cg23484948	N4BP2L2;N4BP2L2	9.02E-06
cg05397490	N4BP2L2;N4BP2L2	0.0016506
cg14077106	N4BP2L2;N4BP2L2	0.0259732
cg09464509	N4BP2L2;N4BP2L2	0.0260304
cg11630632	N4BP2L2;N4BP2L2	0.0448614
cg17936564	N4BP2L2;N4BP2L2	0.0476917
cg15779381	N4BP2L2;N4BP2L2;N4BP2L2	0.0090308
cg22534336	N4BP2L2;N4BP2L2;N4BP2L2;N4BP2L2	0.00295968
cg03138970	N4BP3	6.55E-07
cg18049676	N4BP3	0.0013518
cg10803218	N4BP3	0.00187045
cg12526807	N4BP3	0.00248008
cg00989249	N4BP3	0.00647757
cg01142526	N4BP3	0.011314
cg09711399	N4BP3	0.0165157
cg14772884	N4BP3	0.0192855
cg02659217	N4BP3	0.0282075
cg26919818	N4BP3;N4BP3	0.000249795
cg03476357	N6AMT1;N6AMT1	0.00735287
cg13650247	N6AMT2	0.000115946
cg08349117	N6AMT2	0.000934802
cg27251720	N6AMT2	0.00120655
cg07498743	N6AMT2	0.00293657
cg21075077	N6AMT2	0.0104517
cg20694666	N6AMT2	0.0123278
cg13516017	N6AMT2	0.0166309
cg12521678	NAA10	0.000205413

Probeset ID	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21406518	0.115051	0.596053	-1.6777	0.0262692	0.451161	-2.2165	0.0203726	0.4299	-2.32612	0.480503	1.24179	1.24179	0.144	0.622515	-1.60639
cg00694726	0.189441	0.790283	-1.26537	0.00737635	1.79431	1.79431	0.0542843	1.44745	1.44745	0.513362	1.11878	1.11878	0.883818	1.02507	1.02507
cg03674841	0.00730991	0.355912	-2.80968	0.508439	1.22186	1.22186	0.125905	0.609793	-1.6399	0.0775556	1.79678	1.79678	0.121198	0.605375	-1.65187
cg05974816	?	?	?	4.38E-08	0.174106	-5.74361	0.110263	1.17165	1.17165	0.18016	1.13831	1.13831	0.00621237	0.722748	-1.38361
cg18148375	9.55E-07	0.259797	-3.84917	5.39E-05	2.19264	2.19264	0.158424	0.854519	-1.17025	0.846956	0.980053	-1.02035	0.433383	0.920018	-1.08694
cg19705853	6.66E-06	0.264297	-3.78362	4.17E-05	0.354434	-2.8214	0.0280848	0.708381	-1.41167	0.650013	0.941092	-1.06259	0.0287259	0.70971	-1.40903
cg03464392	0.276904	1.07179	1.07179	0.0510887	0.872671	-1.14591	0.437752	0.952634	-1.04972	0.344201	0.942019	-1.06155	2.25E-06	0.492307	-2.03125
cg14328535	0.0372479	0.539752	-1.8527	0.48678	1.19746	1.19746	0.765629	1.07922	1.07922	0.924908	1.02433	1.02433	7.07E-06	0.0794031	-12.594
cg20256649	0.958729	1.00907	1.00907	0.254489	0.812564	-1.23067	0.327104	1.19301	1.19301	0.875427	0.973004	-1.02775	4.77E-06	0.161126	-6.20632
cg22511877	0.441657	0.850523	-1.17575	0.250414	1.28126	1.28126	0.0284376	0.586434	-1.70522	0.536736	0.878896	-1.13779	7.79E-06	0.132218	-7.56327

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21406518	0.229436	0.683309	-1.46347	0.0119806	0.388065	-2.57689	0.00655476	0.344248	-2.90488	0.812975	1.07419	1.07419	4.06736	5.87381	1.28367	1
cg00694726	0.04062	1.49227	1.49227	0.00919316	1.75066	1.75066	0.0906397	1.37116	1.37116	0.940574	0.987455	-1.0127	3.99348	1.81335	0.403625	1
cg03674841	0.133908	0.617034	-1.62066	0.945574	1.0206	1.0206	0.495531	1.22962	1.22962	0.0164864	0.416808	-2.39919	3.9424	5.57044	1.25596	1
cg05974816	2.09E-05	0.457893	-2.18392	0.000163817	0.55708	-1.79507	0.497041	1.06477	1.06477	0.00345573	0.696739	-1.43526	64.0761	7.47226	0.116615	1
cg18148375	7.61E-05	2.11286	2.11286	0.000572266	1.74385	1.74385	0.0166431	1.35648	1.35648	0.0460594	0.787905	-1.26919	41.9043	7.2164	0.153077	1
cg19705853	0.0281241	0.708463	-1.41151	0.000330337	2.16081	2.16081	0.0157384	0.67479	-1.48194	0.0160417	0.675883	-1.47955	25.563	7.15207	0.248695	1
cg03464392	0.00945952	1.22335	1.22335	0.000650005	1.37788	1.37788	0.994034	0.999542	-1.00046	0.109762	0.898636	-1.1128	23.5717	1.40297	0.0529062	1
cg14328535	0.00444266	0.379847	-2.63264	0.000335314	0.228762	-4.37135	0.745216	1.08671	1.08671	0.011061	0.443685	-2.25385	17.3539	17.8756	0.915612	1
cg20256649	0.218925	1.25301	1.25301	0.0537299	1.46536	1.46536	0.717425	0.938568	-1.06545	0.315277	0.834321	-1.19858	15.1776	7.31491	0.428404	1
cg22511877	0.148174	0.726072	-1.37727	0.00300933	0.431955	-2.31506	0.56924	1.12604	1.12604	0.991479	0.997799	-1.00221	14.0929	9.50505	0.599519	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22971920	NAA10	0.0184848	0.00271459	0.128864	-7.7601	0.0996535	0.409483	-2.4421	0.160478	0.47624	-2.09978	0.155711	0.47163	-2.12031	0.170769	0.48593	-2.05791
cg08124867	NAA11	3.82E-07	0.378947	0.919818	-1.08717	0.843827	0.981903	-1.01843	1.09E-07	0.205193	-4.87347	0.574496	1.05393	1.05393	2.47E-08	0.147674	-6.77166
cg20073882	NAA11	6.07E-05	0.000783775	0.42471	-2.35455	0.000108511	0.316569	-3.15887	0.000745862	0.421881	-2.37034	9.86E-05	0.311575	-3.2095	0.00223344	0.485766	-2.05861
cg15260508	NAA11	0.000273184	0.705954	1.05754	1.05754	4.65E-05	0.321544	-3.11	0.000540516	0.451998	-2.2124	0.743119	0.95262	-1.04974	0.0294117	1.46026	1.46026
cg06150828	NAA11	0.0055091	0.42493	0.875886	-1.1417	0.211134	0.807136	-1.23895	0.00019701	0.361428	-2.7668	0.0475546	0.691731	-1.44565	0.874223	1.0261	1.0261
cg11574620	NAA11	0.00739504	0.177672	0.682114	-1.46603	0.767142	0.923761	-1.08253	0.0136292	0.442656	-2.25909	0.0128527	0.438216	-2.28198	0.000585527	0.241914	-4.13369
cg15233428	NAA11	0.0109053	0.272996	0.768902	-1.30056	0.00811077	0.458037	-2.18323	0.00547816	0.431139	-2.31944	0.148041	0.699466	-1.42966	0.0740279	0.632163	-1.58187
cg08652808	NAA11	0.0274966	0.109929	0.524948	-1.90495	0.0165422	0.33863	-2.95308	0.0355128	0.404431	-2.47261	0.451856	0.753151	-1.32776	0.00421936	0.242442	-4.1247
cg08586692	NAA11;NAA11	0.00135927	0.00106377	0.259373	-3.85545	0.00140919	0.27542	-3.63082	0.00698537	0.377887	-2.6463	0.00253172	0.31067	-3.21885	0.000409244	0.208957	-4.78567
cg09717333	NAA15	1.66E-06	5.92E-05	0.683085	-1.46395	0.0483294	0.890723	-1.12268	0.000109405	0.705078	-1.41828	0.0262665	1.14476	1.14476	0.0242235	0.87127	-1.14775
cg25880939	NAA15	0.000347296	0.00841342	1.36511	1.36511	9.49E-05	0.525757	-1.90202	0.00025858	0.573505	-1.74367	0.0392957	0.802094	-1.24674	0.426213	1.07803	1.07803
cg04323622	NAA15	0.0057966	0.425133	0.861053	-1.16137	0.00261015	0.464961	-2.15072	0.0292545	0.623892	-1.60284	0.931954	0.984436	-1.01581	0.641886	1.08984	1.08984
cg21834908	NAA15	0.0123242	0.410461	1.24578	1.24578	0.0227702	0.490843	-2.03731	0.521295	0.843891	-1.18499	0.157617	1.48368	1.48368	0.00126471	0.292738	-3.41602
cg16752864	NAA15	0.0189597	0.148399	0.534331	-1.8715	0.0406122	2.60086	2.60086	0.780344	1.11966	1.11966	0.209692	0.585956	-1.70661	0.141351	0.527576	-1.89546
cg06522833	NAA15	0.0232036	0.00455742	0.365779	-2.73389	0.775712	0.926779	-1.07901	0.104624	0.623641	-1.60349	0.482553	1.20923	1.20923	0.00933708	0.41575	-2.40529
cg04737207	NAA15;NAA15	0.00424231	0.173659	0.612207	-1.63343	0.870573	0.946226	-1.05683	0.16301	0.603652	-1.65658	0.106468	0.550174	-1.81761	0.000249404	0.128876	-7.75937
cg03321912	NAA16	0.0492844	0.623202	0.877774	-1.13925	0.00702311	0.3995	-2.50313	0.0089371	0.41664	-2.40015	0.61255	0.874201	-1.1439	0.525176	0.844085	-1.18472
cg15753936	NAA16;NAA16;NAA16	0.0278014	0.376608	0.690958	-1.44727	0.11734	1.99981	1.99981	0.287958	1.56752	1.56752	0.588393	0.800421	-1.24934	0.582526	0.797561	-1.25382
cg19750882	NAA16;NAA16;NAA16	0.0322146	0.552987	0.919885	-1.08709	0.0125077	1.54077	1.54077	0.922946	1.01355	1.01355	0.0156952	0.662312	-1.50986	0.287309	1.16616	1.16616
cg21890002	NAA16;NAA16;NAA16	0.0371572	?	?	?	0.767747	0.86691	-1.15352	?	?	?	?	?	?	?	?	?
cg05401522	NAA16;NAA16;NAA16	0.044061	0.908933	0.970434	-1.03047	0.0195549	2.09604	2.09604	0.0242603	2.02267	2.02267	0.0970656	1.61228	1.61228	0.349066	0.776595	-1.28767
cg10759293	NAA20;NAA20;NAA20	0.00229761	0.000198656	0.125057	-7.99636	0.105458	0.555239	-1.80103	0.00473102	0.287019	-3.48409	0.0602838	0.494198	-2.02348	0.00755714	0.318816	-3.1366
cg12600163	NAA20;NAA20;NAA20	0.00234438	0.0607829	1.18528	1.18528	0.242428	0.906306	-1.10338	0.646116	0.963504	-1.03788	0.175799	1.12272	1.12272	0.0307835	1.22629	1.22629
cg16599225	NAA20;NAA20;NAA20	0.00454896	0.161795	0.83476	-1.19795	0.812044	0.971612	-1.02922	0.963519	0.994486	-1.00554	0.0928923	1.25046	1.25046	0.0990533	1.24436	1.24436
cg12481283	NAA20;NAA20;NAA20	0.00472646	0.388583	0.944047	-1.05927	0.0662205	1.14369	1.14369	0.000893687	1.38284	1.38284	0.0103858	1.23406	1.23406	0.00366226	1.29183	1.29183
cg21451702	NAA20;NAA20;NAA20	0.0186214	0.988387	1.00194	1.00194	0.0537257	1.3382	1.3382	0.373998	1.12904	1.12904	0.0889379	0.77917	-1.28342	0.0239667	0.69892	-1.43078
cg08801329	NAA20;NAA20;NAA20	0.0197528	0.662515	1.05316	1.05316	0.0718691	1.26743	1.26743	0.71137	1.04481	1.04481	0.348146	0.892329	-1.12066	0.00764235	0.667359	-1.49844
cg17301248	NAA25	0.000379313	0.922944	1.01647	1.01647	0.963106	1.00784	1.00784	0.0098166	0.576273	-1.73529	0.0174313	0.613403	-1.63025	1.96E-05	0.231899	-4.31221
cg01030173	NAA25	0.00283817	0.00159213	0.671522	-1.48915	0.523709	1.05843	1.05843	0.160331	1.1409	1.1409	0.250657	0.899885	-1.11125	0.0577748	0.828174	-1.20748
cg02429092	NAA25	0.00537881	0.0545359	0.847856	-1.17945	0.409302	0.938141	-1.06594	0.108755	1.14152	1.14152	0.906789	1.0089	1.0089	0.0149931	0.797488	-1.25394
cg24102601	NAA25	0.00637192	0.0119065	0.539112	-1.8549	0.0793607	0.681576	-1.46719	0.166949	0.748241	-1.33647	0.0887809	0.69107	-1.44703	0.000255671	0.305618	-3.27205
cg04001726	NAA25	0.0101031	0.00642197	1.57921	1.57921	0.182091	1.20026	1.20026	0.166849	1.20919	1.20919	0.00158301	0.557354	-1.79419	0.865233	1.02213	1.02213
cg26270776	NAA30	0.00171298	0.326429	1.23436	1.23436	0.0210365	1.78032	1.78032	0.940925	0.984716	-1.01552	0.933978	1.01737	1.01737	0.283561	0.793316	-1.26053
cg14271729	NAA30	0.00479704	0.312608	0.840022	-1.19045	0.172536	0.784814	-1.27419	0.0190516	1.60589	1.60589	0.00194793	2.07779	2.07779	0.308366	1.1924	1.1924
cg15657857	NAA30	0.011228	0.829289	0.976187	-1.02439	0.0192743	1.37157	1.37157	0.510071	1.07743	1.07743	0.0455652	0.774214	-1.29163	0.00163325	0.604332	-1.65472
cg25084477	NAA30	0.0308914	0.773963	0.956792	-1.04516	0.126208	1.28889	1.28889	0.0314398	1.47268	1.47268	0.614344	0.925026	-1.08105	0.799675	0.961746	-1.03978
cg01757798	NAA30	0.0341121	0.845748	0.982122	-1.0182	0.00156744	1.52313	1.52313	0.0328947	1.26001	1.26001	0.754232	0.971331	-1.02951	0.778132	0.974177	-1.02651
cg14182682	NAA30	0.0396705	?	?	?	0.329183	1.64497	1.64497	0.783569	1.14578	1.14578	0.322907	0.603719	-1.6564	?	?	?
cg00811020	NAA30	0.0422897	0.876352	0.957217	-1.0447	0.00713171	0.376865	-2.65347	0.0613395	1.80757	1.80757	0.228102	1.42654	1.42654	0.1431	0.642797	-1.5557
cg01639635	NAA30	0.0461491	0.585368	1.14924	1.14924	0.51962	0.84805	-1.17918	0.00455524	2.59611	2.59611	0.0789937	1.63634	1.63634	0.890641	1.03534	1.03534
cg18298706	NAA30;NAA30	0.00678723	0.407676	1.10977	1.10977	0.00855982	0.662007	-1.51056	0.367594	0.892423	-1.12054	0.0208737	1.40764	1.40764	0.0383709	1.34323	1.34323
cg03166286	NAA35	5.82E-05	0.00680384	0.417268	-2.39654	5.88E-06	0.0790767	-12.6459	0.00698566	0.419104	-2.38604	8.45E-05	5.82277	5.82277	0.00830377	2.31878	2.31878
cg06809455	NAA38	2.94E-05	1.06E-05	0.158773	-6.2983	0.0909353	0.694567	-1.43975	0.00373866	2.15175	2.15175	0.360565	1.20197	1.20197	7.25E-06	0.144097	-6.93976
cg13799581	NAA38	0.00010693	0.0180999	1.6895	1.6895	0.0534794	1.49287	1.49287	0.000872733	2.48976	2.48976	0.144502	1.33157	1.33157	0.40832	0.856836	-1.16708
cg04608317	NAA38	0.00599018	0.00585541	0.451515	-2.21477	0.344896	1.23917	1.23917	0.341794	0.805812	-1.24098	0.789971	0.942856	-1.06061	0.00247904	0.395677	-2.52731
cg15635341	NAA38	0.00794888	0.000805274	0.248484	-4.02441	0.602166	0.873368	-1.14499	0.89307	1.03518	1.03518	0.011208	0.428592	-2.33322	0.0625344	0.577548	-1.73146
cg20597117	NAA38	0.0412723	0.00116219	0.435511	-2.29615	0.677296	1.07566	1.07566	0.965477	1.00757	1.00757	0.587541	1.10014	1.10014	0.51665	0.891733	-1.12141
cg05522288	NAA38;NAA38	0.0023364	0.944091	1.0069	1.0069	0.00555708	0.699641	-1.4293	0.00538627	1.43228	1.43228	0.00160171	0.641554	-1.55871	0.0806366	0.826973	-1.20923
cg00356723	NAA40	0.000522276	0.0119882	0.449134	-2.22651	0.0202219	2.04449	2.04449	0.777412	0.930179	-1.07506	0.0075205	2.40715	2.40715	0.00132254	0.303349	-3.29654
cg12359114	NAA40	0.000666569	0.318539	0.920489	-1.08638	0.000792037	1.50297	1.50297	0.0390386	1.21164	1.21164	0.97154	1.00287	1.00287	0.00114618	1.46842	1.46842
cg24554061	NAA40	0.00101455	0.0279957	0.303635	-3.29343	0.00299855	6.48084	6.48084	0.164289	1.97654	1.97654	0.00496545	5.51631	5.51631	0.00784387	0.208767	-4.79004
cg27642428	NAA40	0.00543823	0.253856	0.435554	-2.29592	0.027897	6.12443	6.12443	0.321809	2.04198	2.04198	0.0518982	4.67791	4.67791	0.00876665	0.0974304	-10.2637
cg02084325	NAA40	0.00567445	0.296462	0.827248	-1.20883	0.617657	0.915609	-1.09217	0.168862	0.773503	-1.29282	0.900333	1.02219	1.02219	0.840156	0.965239	-1.03601
cg24454435	NAA50	0.00309534	3.91E-05	0.0617791	-16.1867	0.398823	1.35716	1.35716	0.84053	0.931249	-1.07383	0.0834191	0.507883	-1.96896	0.0775636	0.499773	-2.00091
cg10682057	NAAA;NAAA	0.00304047	0.110327	1.11601	1.11601	0.000135949	0.659336	-1.51668	0.155324	1.10066	1.10066	0.981608	0.998547	-1.00145	0.243199	1.08007	1.08007
cg12814384	NAAA;NAAA	0.00815309	0.602708	0.861364	-1.16095	0.00761365	0.377108	-2.65176	0.00117301	0.258334	-3.87096	0.818856	1.06736	1.06736	0.179259	0.666692	-1.49994
cg08223534	NAAA;NAAA	0.00851131	0.00499726	0.414279	-2.41383	0.0701661	0.618662	-1.61639	0.129893	1.47415	1.47415	0.00301356	0.381113	-2.62389	0.0121347	0.476343	-2.09933
cg12992778	NAAA;NAAA	0.0187519	0.31676	0.69682	-1.43509	0.420225	0.750197	-1.33298	0.0534962	0.46513	-2.14994	0.226703	0.642106	-1.55738	0.169605	0.600107	-1.66637
cg22661950	NAAA;NAAA	0.0255093	0.0115649	0.544307	-1.8372	0.328714	1.21432	1.21432	0.425842	1.16957	1.16957	0.00267907	0.449545	-2.22447	0.529314	0.884478	-1.13061
cg03201604	NAAA;NAAA	0.0343609	0.0896581	1.28102	1.28102	0.0165751	1.47308	1.47308	0.273701	1.16273	1.16273	0.694033	1.05372	1.05372	0.814647	1.03157	1.03157
cg24439307	NAALAD2	0.00523541	0.0188616	0.652774	-1.53192	0.193999	0.813784	-1.22883	0.0145934	0.636977	-1.56992	0.349264	0.865466	-1.15545	0.000127262	0.367988	-2.71748
cg21500966	NAALAD2	0.00704387	0.0634639	0.48284	-2.07108	0.513547	1.26005	1.26005	0.317111	1.43447	1.43447	0.000127776	10.2223	10.2223	0.784419	0.908765	-1.10039
cg15645254	NAALAD2	0.0324052	0.0196785	0.588808	-1.69835	0.132762	0.737189	-1.3565	0.0150946	0.570439	-1.75304	0.0104115	0.54531	-1.83382	0.0120225	0.554966	-1.80191
cg16886581	NAALAD2	0.0413453	0.9591	0.974342	-1.02633	0.322565	1.6785	1.6785	0.512022	1.40083	1.40083	0.00257855	8.31114	8.31114	0.24815	0.542313	-1.84395
cg14304817	NAALAD2;NAALAD2	0.0232459	0.428167	0.702866	-1.42275	0.810654	0.900668	-1.11029	0.90142	1.0555	1.0555	0.000597771	10.0637	10.0637	0.332071	0.646507	-1.54677
cg05500015	NAALAD2;NAALAD2	0.0395321	0.512175	0.724097	-1.38103	0.724065	0.841868	-1.18784	0.585754	1.30637	1.30637	0.00117771	10.0885	10.0885	0.53255	0.73566	-1.35932
cg01548340	NAALADL1	2.80E-05	0.195933	0.942317	-1.06121	1.26E-05	0.670722	-1.49093	0.0117321	1.14657	1.14657	0.0071348	0.859881	-1.16295	0.0841818	1.08655	1.08655
cg16960112	NAALADL1	0.00125863	0.0761542	0.785788	-1.27261	0.10378	0.804672	-1.24274	0.7575	0.962871	-1.03856	0.045679	0.755857	-1.323	0.0314851	0.734784	-1.36094
cg27607805	NAALADL1	0.00332832	0.0993192	0.510037	-1.96064	0.00665923	0.26925	-3.71403	0.0129711	0.316922	-3.15535	0.00776193	0.279689	-3.5754	0.0862821	0.49349	-2.02639
cg05596552	NAALADL1	0.00472433	0.00392126	0.226889	-4.40745	0.00408096	0.229302	-4.36105	0.0232696	0.354794	-2.81854	0.024359	0.358712	-2.78775	0.00357495	0.221368	-4.51737
cg19917412	NAALADL1	0.018116	0.0432434	3.53878	3.53878	0.00981597	5.8955	5.8955	0.406859	1.58592	1.58592	0.109193	2.58406	2.58406	0.595151	1.33843	1.33843
cg26412441	NAALADL1;NAALADL1	0.00525461	0.848948	1.02953	1.02953	0.00154521	0.499077	-2.0037	0.482213	0.896717	-1.11518	0.473192	0.894627	-1.11778	0.0346771	0.686715	-1.45621
cg05279806	NAALADL2	0.000875854	0.14192	0.687808	-1.45389	0.105115	0.657251	-1.52149	0.0731509	0.622739	-1.60581	0.0460538	0.581693	-1.71912	1.55E-05	0.12018	-8.32085
cg09717471	NAALADL2	0.00195917	0.269367	0.827802	-1.20802	0.000380037	0.393541	-2.54103	0.000287629	0.378214	-2.644	0.281522	1.20187	1.20187	0.279	0.831167	-1.20313
cg16226037	NAALADL2	0.00269839	0.317256	1.24051	1.24051	0.99772	0.999405	-1.0006	0.512653	0.870731	-1.14846	0.632295	1.10572	1.10572	8.25E-05	0.227971	-4.38653
cg03525956	NAALADL2	0.0117987	0.603066	1.15173	1.15173	0.00166506	0.297866	-3.35721	0.00338936	0.342076	-2.92332	0.625423	0.875922	-1.14165	0.0433892	0.53497	-1.86926
cg01150105	NAALADL2	0.0181619	0.0224786	0.210914	-4.74128	0.122143	0.385263	-2.59563	0.139504	0.404424	-2.47265	0.140731	0.405727	-2.46471	0.0157369	0.185461	-5.39198
cg22156300	NAALADL2	0.0314948	0.424539	0.81407	-1.22839	0.423261	1.22912	1.22912	0.542142	0.855866	-1.16841	0.40629	1.23898	1.23898	0.483922	0.835743	-1.19654
cg14508517	NAALADL2	0.0322013	0.425183	0.874978	-1.14289	0.00373671	0.526161	-1.90056	0.161014	0.782291	-1.2783	0.617027	0.920642	-1.0862	0.987213	0.997375	-1.00263
cg07329769	NAB1	7.16E-05	0.0386735	0.876182	-1.14132	0.00485921	1.2289	1.2289	0.00191034	1.27463	1.27463	0.04027	0.877399	-1.13973	0.450478	0.958444	-1.04336
cg06759085	NAB1	0.000217895	0.26714	0.810974	-1.23309	0.00481129	0.507637	-1.96991	0.0993753	0.72082	-1.38731	0.0184974	0.595858	-1.67825	1.29E-05	0.190051	-5.26175
cg20807948	NAB1	0.0160646	0.0862166	0.696316	-1.43613	0.566284	0.89521	-1.11706	0.256873	0.797756	-1.25352	0.722284	0.93413	-1.07051	0.00018029	0.298079	-3.35482
cg26187876	NAB1	0.0198524	0.331542	0.914181	-1.09387	0.809689	1.02184	1.02184	0.0912097	1.1813	1.1813	0.245943	0.897017	-1.11481	0.0418504	0.810525	-1.23377
cg04211198	NAB1	0.0349478	0.150136	0.815244	-1.22663	0.0139645	0.668972	-1.49483	0.530579	0.919322	-1.08776	0.73834	0.956578	-1.04539	0.221759	0.84362	-1.18537
cg03559831	NAB2	0.000215309	0.0732838	0.785417	-1.27321	2.27E-05	2.79007	2.79007	0.321417	0.88348	-1.13189	0.369818	0.894599	-1.11782	0.531084	1.07975	1.07975
cg01756730	NAB2	0.00204299	0.0466355	0.535224	-1.86838	0.0855602	0.593694	-1.68437	0.337191	1.31189	1.31189	0.818035	0.93873	-1.06527	0.970059	0.989755	-1.01035
cg07134316	NAB2	0.0131374	0.0629333	0.387952	-2.57764	0.834789	0.909808	-1.09913	0.921855	0.956563	-1.04541	0.322176	0.629481	-1.58861	0.286047	0.605657	-1.6511
cg23550060	NAB2	0.0300681	0.0735326	0.494669	-2.02156	0.00561988	3.60542	3.60542	0.660458	1.16877	1.16877	0.302456	1.45769	1.45769	0.667039	1.16497	1.16497
cg20263444	NAB2	0.0428493	0.620724	1.26538	1.26538	0.576801	1.30479	1.30479	0.76067	0.865745	-1.15507	0.0100518	0.215876	-4.63228	0.0637872	0.374081	-2.67322
cg04207741	NAB2	0.0485148	0.41261	0.901142	-1.1097	0.0650607	1.29357	1.29357	0.211587	0.849137	-1.17767	0.530926	0.924156	-1.08207	0.0311942	0.730376	-1.36916
cg18217668	NACA2	0.000721988	0.00376572	0.185072	-5.40331	0.00352347	0.181399	-5.51271	0.000624805	0.103328	-9.67793	0.693225	0.842772	-1.18656	0.00335692	0.178759	-5.59413
cg25794694	NACA2	0.00161321	0.448388	0.920575	-1.08628	0.232409	1.14355	1.14355	0.0598689	0.796585	-1.25536	0.032989	0.7656	-1.30616	0.00613335	0.681775	-1.46676
cg14641092	NACA2	0.0020612	0.00967155	0.185056	-5.40378	0.0271919	0.259989	-3.84631	0.0761316	0.361701	-2.76471	0.0331379	0.277069	-3.6092	0.00217627	0.109031	-9.17169
cg20992503	NACA2	0.00391692	0.626946	0.856992	-1.16687	0.0433559	0.480883	-2.07951	0.00020034	0.139897	-7.14812	0.210481	0.659831	-1.51554	0.0795686	0.541659	-1.84618
cg14372532	NACA2	0.00421834	0.895417	1.03813	1.03813	0.243291	0.706559	-1.41531	0.000350228	0.194988	-5.12852	0.508301	0.826202	-1.21036	0.0836629	0.580039	-1.72402
cg03745555	NACA2	0.00789395	0.862872	0.967719	-1.03336	0.00549356	0.500113	-1.99955	0.0186336	0.58195	-1.71836	0.484153	0.873754	-1.14449	0.0335851	1.6019	1.6019
cg00463052	NACA2	0.011726	0.95328	0.986762	-1.01342	0.00238656	0.38176	-2.61945	0.00118569	0.339118	-2.94883	0.0143159	0.503122	-1.98759	0.226715	0.749247	-1.33467
cg17894008	NACA2	0.0410559	0.894774	0.91832	-1.08895	0.219873	0.435757	-2.29486	0.010063	0.123508	-8.09665	0.0813916	0.288275	-3.46891	0.029583	0.192168	-5.20378
cg06646715	NACA2	0.0457536	0.376108	0.816098	-1.22534	0.00267399	0.394977	-2.53179	0.412144	0.828938	-1.20636	0.535091	0.868893	-1.15089	0.497657	0.857234	-1.16654
cg06363918	NACA2;NACA2	0.000720138	0.0808811	1.22947	1.22947	2.66E-05	0.412215	-2.42592	0.0459537	1.27652	1.27652	0.814445	1.02541	1.02541	0.840445	0.978716	-1.02175
cg08088948	NACA;NACA;NACA;NACA	0.00224983	0.0681459	0.599927	-1.66687	0.00405553	0.3809	-2.62536	0.661463	1.11653	1.11653	0.00316254	0.364676	-2.74216	0.000209856	0.212056	-4.71572
cg08685085	NACA;NACA;NACA;NACA	0.00314173	0.00021245	0.270921	-3.69111	0.830779	1.04619	1.04619	0.135405	0.712056	-1.40438	0.0361223	0.597947	-1.67239	0.49737	0.864688	-1.15649
cg21041956	NACA;NACA;NACA;NACA	0.0176298	?	?	?	0.170499	1.29663	1.29663	0.285896	1.21805	1.21805	0.000775127	2.47284	2.47284	0.542527	0.896093	-1.11596
cg08134859	NACA;NACA;NACA;NACA	0.0186473	0.0358828	0.660292	-1.51448	0.0893328	0.727222	-1.3751	0.0621741	0.699768	-1.42904	0.00917508	1.75513	1.75513	0.0128281	0.591262	-1.6913
cg04051446	NACA;NACA;NACA;NACA	0.023262	0.410454	0.720343	-1.38823	0.694576	0.857801	-1.16577	0.356977	1.44705	1.44705	0.23953	1.6189	1.6189	0.467914	0.75005	-1.33324
cg13329981	NACA;NACA;NACA;NACA;NACA;NACA;NACA;NACA	0.0406281	0.0548885	0.56903	-1.75738	0.109345	0.640584	-1.56108	?	?	?	?	?	?	?	?	?
cg07513446	NACAD	0.000538692	0.953754	0.997174	-1.00283	0.0379112	0.889177	-1.12464	0.773004	1.01421	1.01421	0.961401	1.00236	1.00236	0.471444	0.964884	-1.03639
cg01373024	NACAD	0.00104435	0.68862	0.957544	-1.04434	0.00018283	1.97651	1.97651	0.298726	1.123	1.123	0.00152	1.63517	1.63517	0.0194108	1.35579	1.35579
cg12908802	NACAD	0.0123772	0.348828	1.21945	1.21945	0.225128	1.29962	1.29962	0.88464	1.03031	1.03031	0.2284	1.29699	1.29699	0.261477	1.27237	1.27237
cg01579370	NACAP1	0.000653186	0.321477	0.906179	-1.10354	0.954861	1.00546	1.00546	0.0663063	0.820284	-1.21909	0.0175775	0.757379	-1.32034	0.000150001	0.534604	-1.87054
cg13164141	NACAP1	0.000825257	0.625815	0.863881	-1.15757	0.435772	0.789194	-1.26712	0.003487	0.307209	-3.25512	0.00334522	0.304554	-3.28349	0.000263204	0.16773	-5.96198
cg23963995	NACAP1	0.00911914	0.639774	0.854982	-1.16962	0.670399	1.15292	1.15292	0.0226846	0.403848	-2.47618	0.0818517	0.526822	-1.89817	0.000715399	0.180461	-5.54136
cg15959262	NACAP1	0.0195799	0.939918	0.990446	-1.00965	0.0752002	0.777017	-1.28697	0.0409304	0.740481	-1.35047	0.251955	0.858641	-1.16463	0.2792	0.866518	-1.15404
cg16865396	NACAP1	0.0234904	0.0158454	0.265519	-3.76621	0.00322877	0.164808	-6.06768	0.0780327	0.41535	-2.40761	0.100553	0.446108	-2.24161	0.00559966	0.195482	-5.11555
cg20975013	NACC1	7.05E-05	0.000149841	0.326192	-3.06568	0.000113928	0.31182	-3.20697	0.460198	1.1381	1.1381	0.177261	0.781368	-1.27981	3.51E-06	0.153292	-6.52352
cg07468710	NACC1	0.0362092	0.378407	0.735427	-1.35975	0.77544	1.10214	1.10214	0.944093	1.02413	1.02413	0.985466	1.00621	1.00621	0.0106048	0.335258	-2.98278
cg06412582	NACC2	0.000315616	0.277009	0.793622	-1.26005	0.172931	1.34516	1.34516	0.0570778	1.55292	1.55292	0.568208	1.12516	1.12516	0.00601028	0.480026	-2.08322
cg00236077	NACC2	0.0023742	0.00143343	0.381504	-2.6212	0.0160771	0.540218	-1.8511	0.222867	0.765109	-1.307	0.766791	0.939726	-1.06414	0.165149	0.733833	-1.36271
cg14333935	NACC2	0.00426232	0.0113412	0.375797	-2.66101	0.0495516	0.500712	-1.99716	0.223549	1.48406	1.48406	0.030323	2.19464	2.19464	0.0505504	0.502631	-1.98953
cg21229179	NACC2	0.00470026	0.00510591	0.660245	-1.51459	0.0556083	0.783998	-1.27551	0.0162947	0.719249	-1.39034	0.0216917	0.734024	-1.36235	0.0145537	0.713448	-1.40164
cg14147151	NACC2	0.00686312	0.87832	0.980259	-1.02014	0.00666613	1.58109	1.58109	0.816614	0.970222	-1.03069	0.268037	0.860585	-1.162	0.023709	0.703705	-1.42105
cg14253096	NACC2	0.0100272	0.0229463	1.62218	1.62218	0.302561	0.827044	-1.20913	0.00815792	0.547687	-1.82586	0.0694144	1.43498	1.43498	0.0218551	0.613101	-1.63105
cg13979562	NACC2	0.0121946	0.037056	0.665292	-1.5031	0.0201131	1.60309	1.60309	0.22013	0.804925	-1.24235	0.151513	0.772086	-1.29519	0.489842	0.888632	-1.12533
cg14242024	NACC2	0.0143726	0.132395	1.38944	1.38944	0.0324533	0.602217	-1.66053	0.130953	0.718689	-1.39142	0.239423	0.779166	-1.28342	0.00117386	0.381143	-2.62369
cg13923277	NACC2	0.0144523	0.110162	1.54682	1.54682	0.2102	1.3921	1.3921	0.931897	1.02164	1.02164	0.0801804	1.62629	1.62629	0.944409	0.982681	-1.01762
cg13781414	NACC2	0.01677	0.0269531	0.439387	-2.2759	0.0821139	0.546263	-1.83062	0.00414876	0.299292	-3.34121	0.00710016	0.335605	-2.9797	0.0529717	0.501393	-1.99444
cg03587907	NACC2	0.0203461	0.242599	1.58101	1.58101	0.0873605	2.02782	2.02782	0.161106	1.7518	1.7518	0.119913	1.88132	1.88132	0.468442	0.758573	-1.31826
cg14126392	NACC2	0.0206028	0.193836	1.44098	1.44098	0.022903	2.06126	2.06126	0.485499	1.20724	1.20724	0.159756	1.49064	1.49064	0.34897	0.773969	-1.29204
cg14152854	NACC2	0.0235202	0.821168	0.964527	-1.03678	0.0629598	0.716264	-1.39613	0.00513309	0.554483	-1.80348	0.0510662	1.42541	1.42541	0.0213381	0.643184	-1.55476
cg13549345	NACC2	0.0251804	0.0755454	0.350013	-2.85704	0.0344806	0.270202	-3.70093	0.521075	0.708115	-1.4122	0.0588585	0.3223	-3.1027	0.0441371	0.293133	-3.41142
cg14618312	NACC2	0.0436177	0.727124	0.945628	-1.0575	0.242967	1.21529	1.21529	0.165953	0.789972	-1.26587	0.476146	1.12257	1.12257	0.239784	1.21705	1.21705
cg12004206	NACC2;NACC2	0.000454287	0.190066	1.23117	1.23117	0.634395	1.07443	1.07443	0.0924429	0.757681	-1.31982	0.266864	0.840852	-1.18927	0.728124	0.94905	-1.05369
cg02280859	NADK	5.10E-05	0.00124311	0.697936	-1.4328	0.000120966	0.599373	-1.66841	2.66E-05	0.531098	-1.88289	0.51387	0.950792	-1.05176	0.00909332	1.2874	1.2874
cg08122070	NADK	5.30E-05	0.553842	0.958368	-1.04344	0.0179002	1.22671	1.22671	0.0324938	1.1945	1.1945	0.00524478	0.76993	-1.29882	0.000327881	0.662264	-1.50997
cg00317676	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23159992	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13956605	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09185911	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03386811	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04439557	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00386811	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05152432	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22971920	0.582926	0.760035	-1.31573	0.00196253	0.114716	-8.71717	0.0254137	0.268623	-3.72268	0.0278221	0.276266	-3.6197	4.83169	18.734	3.4465	1
cg08124867	0.586997	0.950484	-1.0521	0.000850942	1.5907	1.5907	0.0532039	0.815967	-1.22554	2.22E-05	0.454781	-2.19886	93.6955	12.7226	0.120699	1
cg20073882	0.000672099	0.415958	-2.40409	4.49E-06	0.168783	-5.92479	0.273301	0.8251	-1.21197	0.000454876	0.393978	-2.53821	25.2895	11.3893	0.400318	1
cg15260508	0.0115677	1.59367	1.59367	0.0259544	1.47722	1.47722	0.00340112	0.555631	-1.79976	0.019069	0.657827	-1.52016	16.8767	5.82303	0.306697	1
cg06150828	0.866911	1.02765	1.02765	0.0126444	1.65558	1.65558	0.907386	1.01911	1.01911	0.612382	1.08665	1.08665	7.12394	2.98422	0.372356	1
cg11574620	0.798388	1.07075	1.07075	0.00825648	0.405712	-2.4648	0.493794	0.830622	-1.20392	0.00840489	0.406988	-2.45707	6.50264	7.34499	1.00403	1
cg15233428	0.0119024	0.485273	-2.0607	0.0134276	2.02412	2.02412	0.738545	0.925741	-1.08022	0.162798	0.709501	-1.40944	5.74851	4.83061	0.746955	1
cg08652808	0.88786	0.949154	-1.05357	0.883427	0.947181	-1.05576	0.544475	1.25467	1.25467	0.00962633	0.29759	-3.36033	4.2146	9.13092	1.92577	1
cg08586692	0.0983162	0.603079	-1.65816	0.00779963	0.385695	-2.59272	0.880179	1.04297	1.04297	0.00223845	0.303055	-3.29973	10.7805	13.2834	1.09526	1
cg09717333	0.0654768	1.11187	1.11187	2.14E-08	0.339982	-2.94134	0.328631	0.949599	-1.05308	0.0207166	0.866882	-1.15356	64.4628	2.68591	0.0370365	1
cg25880939	0.49064	1.06689	1.06689	0.00314669	1.45245	1.45245	0.0514113	0.814571	-1.22764	0.178444	0.876158	-1.14135	15.8029	2.14042	0.120395	1
cg04323622	0.483646	1.13968	1.13968	0.000701141	2.58359	2.58359	0.331124	0.831783	-1.20224	0.367947	0.843779	-1.18514	7.01335	3.74745	0.47496	1
cg21834908	0.50009	0.836339	-1.19569	0.0696803	1.6984	1.6984	0.264364	1.35493	1.35493	0.054776	0.56622	-1.7661	5.52544	5.96564	0.959705	1
cg16752864	0.231007	0.601712	-1.66192	0.125521	1.95485	1.95485	0.00157095	0.159455	-6.27138	0.158602	0.543752	-1.83907	4.7905	12.4015	2.30113	1
cg06522833	0.134188	1.53719	1.53719	0.0746638	1.69651	1.69651	0.879403	0.960389	-1.04124	0.661099	0.8892	-1.12461	4.47125	5.01808	0.997599	1
cg04737207	0.144277	1.70176	1.70176	0.0138867	0.356879	-2.80207	0.0541252	2.09792	2.09792	0.149079	1.68957	1.68957	7.71429	14.0387	1.61763	1
cg03321912	0.293196	1.3325	1.3325	0.13848	1.52176	1.52176	0.965294	0.988611	-1.01152	0.569748	0.859647	-1.16327	3.40673	3.73928	0.975657	1
cg15753936	0.00101855	0.137379	-7.27913	0.620117	1.2258	1.2258	0.406509	1.41337	1.41337	0.124207	0.507494	-1.97047	4.19829	11.0381	2.33706	1
cg19750882	0.285113	0.856864	-1.16705	0.0493849	0.731948	-1.36622	0.143122	1.24477	1.24477	0.232249	1.19042	1.19042	3.98433	1.22159	0.272533	1
cg21890002	0.215789	0.527617	-1.89531	0.00707925	0.157098	-6.36546	0.0489035	0.320331	-3.12177	0.231525	1.84991	1.84991	5.02881	9.78061	2.3339	1
cg05401522	0.207328	0.705564	-1.41731	0.932064	0.977886	-1.02261	0.0148234	2.19519	2.19519	0.268286	1.35314	1.35314	3.55343	3.87149	0.968451	1
cg10759293	0.00467343	0.286218	-3.49383	0.00257605	0.249076	-4.01483	0.0308575	0.430286	-2.32404	0.0032768	0.263664	-3.7927	9.25881	16.2254	1.55771	1
cg12600163	0.0373039	1.21454	1.21454	0.000113839	0.579979	-1.7242	0.10536	0.867376	-1.1529	0.361121	0.927287	-1.07842	9.20425	0.942671	0.0910373	1
cg16599225	0.310446	1.13528	1.13528	0.000129313	0.447472	-2.23478	0.0711615	0.783741	-1.27593	0.192876	0.846538	-1.18128	7.55288	1.74832	0.205757	1
cg12481283	0.00350189	1.29447	1.29447	0.00998792	1.23611	1.23611	0.858715	1.01168	1.01168	0.369586	1.06188	1.06188	7.46552	0.50205	0.059777	1
cg21451702	0.272669	0.859119	-1.16398	0.025615	0.70281	-1.42286	0.469914	0.906853	-1.10271	0.00764715	1.57778	1.57778	4.81971	1.35027	0.249027	1
cg08801329	0.00862241	0.673667	-1.48441	0.0971238	0.806755	-1.23953	0.0895822	1.24699	1.24699	0.230905	1.15977	1.15977	4.72447	1.04077	0.195817	1
cg17301248	0.114181	0.748154	-1.33662	0.00288236	1.99774	1.99774	0.0254999	1.5655	1.5655	0.372433	1.16721	1.16721	15.4242	6.96474	0.401374	1
cg01030173	0.0227144	1.27082	1.27082	0.000709767	0.635544	-1.57345	0.0776967	1.18805	1.18805	0.419548	1.07517	1.07517	8.70003	1.06417	0.108727	1
cg02429092	0.00082719	0.683161	-1.46378	0.00111642	0.695398	-1.43802	0.390927	0.935647	-1.06878	0.900811	1.00948	1.00948	7.17645	0.650784	0.0806074	1
cg24102601	0.707871	0.928583	-1.07691	0.0342171	0.614868	-1.62636	0.180867	1.32267	1.32267	0.439851	1.16774	1.16774	6.81128	4.17972	0.545464	1
cg04001726	0.187797	1.1971	1.1971	0.0608314	0.761576	-1.31307	0.633011	0.939882	-1.06396	0.324624	1.14008	1.14008	5.89125	1.54989	0.233852	1
cg26270776	0.060357	0.643917	-1.55299	5.21E-05	0.207575	-4.81753	0.264036	1.27373	1.27373	0.0203396	0.559221	-1.7882	10.0855	6.89861	0.608008	1
cg14271729	0.0993937	1.35182	1.35182	0.00768879	0.564591	-1.77119	0.0117372	0.591316	-1.69114	0.74201	0.946358	-1.05668	7.4319	3.27874	0.392152	1
cg15657857	0.585271	0.940347	-1.06344	0.0179319	1.37859	1.37859	0.444281	1.09095	1.09095	0.828841	0.976124	-1.02446	5.69473	1.12363	0.175388	1
cg25084477	0.92988	0.986591	-1.01359	0.00161866	0.500003	-1.99999	0.815567	0.964795	-1.03649	0.377961	1.14885	1.14885	4.04448	1.50711	0.33123	1
cg01757798	0.0606161	1.21645	1.21645	0.874263	0.985439	-1.01478	0.535535	1.05984	1.05984	0.0636891	1.21299	1.21299	3.9032	0.530312	0.12077	1
cg14182682	0.00970157	0.198463	-5.03871	0.0196566	4.02663	4.02663	0.192348	1.97783	1.97783	0.760662	1.163	1.163	3.82525	11.5105	3.43894	1
cg00811020	0.686498	1.12069	1.12069	0.139497	0.639832	-1.56291	0.654306	0.881113	-1.13493	0.0714016	1.76019	1.76019	3.60811	4.50625	1.11015	1
cg01639635	0.177114	1.43651	1.43651	0.105424	0.639771	-1.56306	0.10611	0.640434	-1.56144	0.778825	0.931377	-1.07368	3.49234	3.52613	0.897489	1
cg18298706	0.0192453	1.41655	1.41655	0.138799	0.822052	-1.21647	0.00311757	1.64404	1.64404	0.746105	0.960836	-1.04076	6.67903	1.5997	0.212899	1
cg03166286	0.0529195	0.57792	-1.73034	0.0139897	0.469324	-2.13072	0.365406	0.793103	-1.26087	0.446115	0.824005	-1.21358	25.5697	25.16	0.874644	1
cg06809455	0.000330601	0.321599	-3.10947	0.321055	1.22221	1.22221	0.0299569	0.606646	-1.64841	0.0137424	1.81526	1.81526	30.616	18.5745	0.539282	1
cg13799581	0.75622	1.05854	1.05854	0.761537	1.05718	1.05718	1.19E-06	9.92523	9.92523	0.282984	1.22606	1.22606	21.7471	11.4958	0.469877	1
cg04608317	0.0526408	0.615321	-1.62517	0.000444449	0.294685	-3.39345	0.181067	0.731252	-1.36752	0.452551	0.844778	-1.18374	6.94267	5.34227	0.683986	1
cg15635341	?	?	?	0.292816	0.754155	-1.32599	0.628943	0.882209	-1.13352	0.01854	2.13199	2.13199	7.40944	6.7493	0.797042	1
cg20597117	0.386387	0.856639	-1.16735	0.070829	0.703445	-1.42157	0.783318	0.953096	-1.04921	0.2579	1.22843	1.22843	3.64081	1.75117	0.427541	1
cg05522288	0.871258	0.984223	-1.01603	0.0115611	1.36293	1.36293	0.169019	0.866162	-1.15452	0.0238276	1.30272	1.30272	9.21346	1.40296	0.135354	1
cg00356723	0.325209	0.771489	-1.2962	0.000203252	0.203771	-4.90748	0.0332116	1.88839	1.88839	0.00314395	0.356686	-2.80358	14.1187	14.583	0.918123	1
cg12359114	0.55651	1.04896	1.04896	0.800533	0.97986	-1.02055	0.00310656	1.38416	1.38416	4.87E-05	1.8475	1.8475	13.1905	1.34923	0.0909228	1
cg24554061	0.323074	0.625857	-1.59781	0.00118885	0.112811	-8.86436	0.00844022	4.68469	4.68469	0.0979091	0.43446	-2.30171	11.7184	39.1252	2.9678	1
cg27642428	0.17161	0.362354	-2.75974	0.00133264	0.0386159	-25.896	0.0605193	4.37653	4.37653	0.215911	0.403164	-2.48038	7.15231	55.112	6.84933	1
cg02084325	0.877695	1.02735	1.02735	5.81E-05	0.271039	-3.6895	0.817875	1.04124	1.04124	0.845803	1.0347	1.0347	7.05948	3.43161	0.432088	1
cg24454435	0.636558	1.18327	1.18327	0.421182	0.747874	-1.33712	0.614841	1.19647	1.19647	0.701281	0.87261	-1.14599	8.47896	16.7854	1.75969	1
cg10682057	0.0182182	1.19817	1.19817	0.813865	1.01499	1.01499	0.376182	0.944329	-1.05895	0.040153	0.861084	-1.16133	8.52416	0.537068	0.0560048	1
cg12814384	0.869029	1.04802	1.04802	0.00625725	2.75238	2.75238	0.270438	0.721737	-1.38555	0.337438	0.754998	-1.32451	6.3064	8.06643	1.13697	1
cg08223534	0.0238678	0.527557	-1.89553	0.924091	0.977647	-1.02286	0.203053	0.72707	-1.37538	0.165766	1.41994	1.41994	6.2214	5.54409	0.792118	1
cg12992778	0.00144508	0.200511	-4.98726	0.0372487	2.32546	2.32546	0.352546	1.39639	1.39639	0.323982	1.42693	1.42693	4.80837	9.27679	1.71493	1
cg22661950	0.383916	0.841998	-1.18765	0.0302268	0.612116	-1.63368	0.466177	1.15355	1.15355	0.906911	1.02279	1.02279	4.32674	2.54269	0.522372	1
cg03201604	0.723775	1.04809	1.04809	0.2915	0.86513	-1.1559	0.0115873	1.51858	1.51858	0.00509649	1.63223	1.63223	3.89298	1.08018	0.24664	1
cg24439307	0.0632152	0.731031	-1.36793	0.567244	0.916939	-1.09058	0.253151	1.19598	1.19598	0.173679	0.80489	-1.24241	7.2361	2.57689	0.316547	1
cg21500966	0.784461	0.908783	-1.10037	0.436587	0.758141	-1.31902	0.621231	0.840497	-1.18977	0.94043	0.974263	-1.02642	6.60224	12.727	1.71349	1
cg15645254	0.116099	0.725404	-1.37854	0.849613	0.964946	-1.03633	0.327379	0.826911	-1.20932	0.0217771	0.59593	-1.67805	3.97592	2.22516	0.497474	1
cg16886581	0.0291603	0.271755	-3.67979	0.506346	0.71053	-1.4074	0.822218	1.12083	1.12083	0.628309	0.780944	-1.2805	3.63844	14.8033	3.61653	1
cg14304817	0.555522	0.771129	-1.2968	0.114901	0.473664	-2.1112	0.375021	0.672423	-1.48716	0.763801	0.876903	-1.14038	4.46844	13.4458	2.67471	1
cg05500015	0.19112	0.510596	-1.95849	0.166016	0.48806	-2.04893	0.876765	0.92741	-1.07827	0.74436	0.853084	-1.17222	3.69912	13.8163	3.32001	1
cg01548340	2.35E-06	0.606914	-1.64768	0.000545531	0.791839	-1.26288	0.399925	0.963257	-1.03814	0.00521422	0.852028	-1.17367	31.0182	0.927202	0.0265708	1
cg16960112	0.000108951	2.29976	2.29976	0.730408	1.04316	1.04316	0.541755	0.92732	-1.07838	0.00154132	0.573199	-1.74459	11.0206	2.60492	0.210106	1
cg27607805	0.00422927	0.239993	-4.16679	0.00022193	0.101104	-9.89077	0.0070496	0.273096	-3.66171	0.0177276	0.341411	-2.92902	8.2976	18.2507	1.95512	1
cg05596552	0.340934	0.687305	-1.45496	0.0027901	0.20704	-4.82997	0.00151588	0.174573	-5.72826	0.190085	0.588451	-1.69938	7.46654	17.2648	2.05537	1
cg19917412	0.818647	0.88265	-1.13295	0.00258126	9.68313	9.68313	0.00567702	7.18528	7.18528	0.0409671	3.60398	3.60398	4.8646	22.7594	4.15873	1
cg26412441	0.089203	0.751217	-1.33117	0.00969125	1.64788	1.64788	0.0617055	0.725291	-1.37876	0.00227692	0.521331	-1.91817	7.228	2.66666	0.327942	1
cg05279806	0.0236039	0.526973	-1.89763	0.3338	1.2665	1.2665	0.251152	0.752645	-1.32865	0.00161039	0.342363	-2.92088	12.2162	10.8676	0.790764	1
cg09717471	0.160291	0.781569	-1.27948	0.020099	1.58522	1.58522	0.98924	0.997787	-1.00222	0.939247	0.987555	-1.0126	9.69999	4.14683	0.380008	1
cg16226037	0.0030801	0.429746	-2.32696	0.104666	1.44733	1.44733	0.543587	0.879708	-1.13674	0.863292	0.964711	-1.03658	8.83095	6.0782	0.611809	1
cg03525956	0.087153	0.601331	-1.66298	0.0705937	0.580372	-1.72303	0.535828	1.18391	1.18391	0.0163124	0.453502	-2.20506	5.60415	6.43542	1.02074	1
cg01150105	0.0013087	0.0696814	-14.351	0.00909735	0.151563	-6.59791	0.640154	0.764872	-1.30741	0.0548753	0.289515	-3.45406	4.86047	24.9498	4.56286	1
cg22156300	0.030855	1.89548	1.89548	0.00103459	3.40684	3.40684	0.932108	1.02172	1.02172	0.778533	0.931355	-1.0737	4.01666	4.04724	0.895655	1
cg14508517	0.0978052	1.347	1.347	0.0171103	1.61064	1.61064	0.906085	1.01954	1.01954	0.662961	1.07457	1.07457	3.98492	1.69747	0.378643	1
cg07329769	6.32E-06	0.573214	-1.74455	0.000104214	0.684754	-1.46038	0.023519	0.861287	-1.16105	0.475015	0.960694	-1.04091	24.2074	1.1682	0.0428959	1
cg06759085	0.0233113	0.611834	-1.63443	3.69E-05	0.237263	-4.21474	0.00922421	0.549367	-1.82028	0.00123517	0.424856	-2.35374	17.9488	9.33725	0.462414	1
cg20807948	0.808872	0.954784	-1.04736	0.640923	0.914214	-1.09384	0.79738	0.952062	-1.05035	0.343406	0.829969	-1.20486	5.0642	2.92415	0.513259	1
cg26187876	0.0601739	1.2091	1.2091	0.00162928	0.667456	-1.49823	0.76568	1.02713	1.02713	0.577141	1.05174	1.05174	4.71642	0.599181	0.112926	1
cg04211198	0.451384	1.10694	1.10694	0.00947785	0.647087	-1.54539	0.00452207	0.605937	-1.65034	0.276479	0.860806	-1.1617	3.86922	1.07444	0.246835	1
cg03559831	0.000206465	2.12036	2.12036	0.0159627	0.699901	-1.42877	0.00849554	0.666152	-1.50116	0.321704	0.883549	-1.1318	18.0071	4.17101	0.205894	1
cg01756730	0.0376596	1.93771	1.93771	4.03E-05	0.116319	-8.59708	0.180344	0.676847	-1.47744	0.579583	0.857677	-1.16594	9.58231	11.4233	1.05967	1
cg07134316	0.271828	0.595887	-1.67817	0.000727933	0.0977683	-10.2283	0.0110553	4.23051	4.23051	0.525534	0.747404	-1.33796	5.41153	17.5558	2.88369	1
cg23550060	0.381277	1.37274	1.37274	0.0136103	0.340652	-2.93555	0.305073	0.687511	-1.45452	0.304951	0.687442	-1.45467	4.08354	8.04927	1.75213	1
cg20263444	0.00591133	0.182821	-5.46982	0.597008	1.28631	1.28631	0.345265	1.58202	1.58202	0.95922	1.02442	1.02442	3.59054	12.6626	3.1348	1
cg04207741	0.0260725	0.720271	-1.38837	0.0820621	0.787096	-1.27049	0.0350798	0.737046	-1.35677	0.396574	1.11391	1.11391	3.42711	0.838147	0.21739	1
cg18217668	0.415692	0.698428	-1.43179	6.19E-05	0.0413321	-24.1943	0.00350258	0.181073	-5.52263	0.00380518	0.185653	-5.3864	12.8986	38.0266	2.62054	1
cg25794694	0.011361	0.712155	-1.40419	3.38E-05	0.422883	-2.36472	0.14719	0.846524	-1.1813	0.184681	0.860105	-1.16265	10.262	1.86476	0.161524	1
cg14641092	0.103621	0.399647	-2.50221	0.000156555	0.0356404	-28.058	0.00195537	0.104721	-9.54918	0.00265415	0.11739	-8.51862	9.55755	40.1944	3.73823	1
cg20992503	0.980654	1.00767	1.00767	0.721903	1.11919	1.11919	0.00588541	0.321244	-3.1129	0.00205763	0.254627	-3.92731	7.9023	12.4252	1.39765	1
cg14372532	0.846091	0.946213	-1.05684	0.0131065	0.416722	-2.39968	0.000620217	0.223476	-4.47476	0.0343312	0.495426	-2.01847	7.72752	9.90571	1.13944	1
cg03745555	0.271778	1.24253	1.24253	0.00211791	2.27066	2.27066	0.728265	1.06845	1.06845	0.56039	1.11824	1.11824	6.37083	3.63528	0.507212	1
cg00463052	0.0241125	0.542405	-1.84364	0.908572	1.02647	1.02647	0.359087	0.806958	-1.23922	0.436785	0.834906	-1.19774	5.61539	4.60096	0.728309	1
cg17894008	0.241304	0.453938	-2.20295	0.0111827	0.129092	-7.74643	0.016088	0.150074	-6.66338	0.0736061	0.276845	-3.61212	3.6479	23.9542	5.83696	1
cg06646715	0.353096	0.807531	-1.23834	0.0214531	1.85557	1.85557	0.847808	1.04392	1.04392	0.920689	0.977965	-1.02253	3.50365	2.77763	0.704696	1
cg06363918	0.573776	1.06254	1.06254	0.0263703	1.32453	1.32453	0.0175647	0.734622	-1.36125	0.0272533	0.756648	-1.32162	12.9079	2.32861	0.160358	1
cg08088948	0.0246303	0.511991	-1.95316	0.00978089	0.441693	-2.26401	0.560383	1.15868	1.15868	0.00692524	0.417198	-2.39694	9.31601	9.23236	0.880908	1
cg08685085	0.48074	1.16328	1.16328	0.0375072	1.66415	1.66415	0.175838	1.35489	1.35489	0.00492089	0.455602	-2.1949	8.44152	5.95304	0.626852	1
cg21041956	0.493601	1.13171	1.13171	0.0862381	0.713667	-1.40121	0.251779	0.808094	-1.23748	0.932141	1.01527	1.01527	5.00027	2.22963	0.445903	1
cg08134859	0.0915153	0.7291	-1.37155	0.0417694	0.67098	-1.49036	0.456737	0.879087	-1.13754	0.705353	0.937454	-1.06672	4.81745	2.20576	0.406994	1
cg04051446	0.779509	1.11521	1.11521	0.00151386	0.151828	-6.5864	0.01218	0.284483	-3.51515	0.264388	1.57568	1.57568	4.9554	11.5893	1.81901	1
cg13329981	0.00854785	0.402293	-2.48575	?	?	?	?	?	?	0.672905	0.900188	-1.11088	5.00125	2.04744	0.61408	1
cg07513446	0.0549646	0.899244	-1.11205	1.27E-05	0.638873	-1.56526	0.00336571	1.21488	1.21488	0.570938	1.02834	1.02834	13.9978	0.527933	0.0335249	1
cg01373024	0.816959	0.975339	-1.02528	0.0095301	0.702124	-1.42425	0.36661	1.10505	1.10505	0.00136371	1.64965	1.64965	11.6225	2.1351	0.163293	1
cg12908802	0.995241	0.998774	-1.00123	0.000289745	0.296406	-3.37375	0.332794	1.22816	1.22816	0.478369	1.15982	1.15982	5.51773	3.69778	0.595701	1
cg01579370	0.00471744	0.696898	-1.43493	2.79E-05	0.45225	-2.21117	0.143399	0.859643	-1.16327	0.104543	0.84311	-1.18608	13.2655	1.94369	0.130242	1
cg13164141	0.000260738	0.167312	-5.97685	0.000262986	0.167693	-5.96329	0.0577845	0.527968	-1.89405	0.0522794	0.518282	-1.92945	12.4229	17.4423	1.24804	1
cg23963995	0.00270161	0.252186	-3.96533	0.0175136	0.382482	-2.6145	0.49939	0.796203	-1.25596	0.125045	0.57586	-1.73653	6.08691	10.6504	1.55531	1
cg15959262	0.0526728	0.755399	-1.3238	0.00219569	1.72779	1.72779	0.619187	1.06588	1.06588	0.178201	0.833457	-1.19982	4.73859	1.21706	0.228303	1
cg16865396	0.837039	1.09682	1.09682	0.151374	0.501659	-1.99339	0.216421	0.557839	-1.79263	0.0448756	0.355918	-2.80964	4.45233	14.1985	2.83467	1
cg20975013	0.0568478	0.690179	-1.4489	0.000225388	0.348014	-2.87345	0.0111141	0.578297	-1.72922	0.01904	0.613651	-1.62959	24.3033	11.3924	0.416675	1
cg07468710	0.234599	0.654649	-1.52754	0.00713716	0.306813	-3.25932	0.0581334	2.07132	2.07132	0.0976466	0.539032	-1.85518	3.81978	6.99517	1.62782	1
cg06412582	0.0769546	1.49495	1.49495	0.0072294	2.03119	2.03119	1.82E-05	5.97977	5.97977	0.00390189	0.451872	-2.21302	16.2231	10.7394	0.588431	1
cg00236077	0.0434735	0.615485	-1.62474	0.000187679	0.267853	-3.7334	0.0705561	1.52567	1.52567	0.012357	0.521487	-1.91759	9.17017	6.3457	0.615106	1
cg14333935	0.920192	0.969535	-1.03142	0.106771	0.58064	-1.72224	0.000833574	4.72386	4.72386	0.154791	0.624931	-1.60018	7.70332	11.6275	1.3417	1
cg21229179	0.0209812	1.36557	1.36557	0.0232852	1.35555	1.35555	0.112567	0.823823	-1.21385	0.0611677	0.789224	-1.26707	7.47815	1.49076	0.177199	1
cg14147151	0.010796	1.517	1.517	0.0196519	1.44309	1.44309	0.00649746	1.58463	1.58463	0.189843	0.834676	-1.19807	6.65595	1.78532	0.238426	1
cg14253096	0.723811	0.938862	-1.06512	0.0239281	1.61461	1.61461	0.204222	0.788014	-1.26901	0.0538824	0.677625	-1.47574	5.90548	2.9571	0.4451	1
cg13979562	0.11058	0.746278	-1.33998	0.0471147	1.46582	1.46582	0.248837	1.22494	1.22494	0.0033532	0.510777	-1.9578	5.54446	2.48781	0.398846	1
cg14242024	0.00762938	0.499173	-2.00331	0.505441	0.872083	-1.14668	0.557944	1.12752	1.12752	0.750706	0.937479	-1.06669	5.25428	3.41408	0.577574	1
cg13923277	0.016941	2.07444	2.07444	0.000298878	4.36747	4.36747	0.252398	1.34922	1.34922	0.266859	1.33618	1.33618	5.24471	5.21357	0.883611	1
cg13781414	0.0693743	0.528504	-1.89213	0.00722663	0.336846	-2.96871	0.0620333	0.517078	-1.93394	0.0151079	0.39171	-2.55291	4.99216	7.79122	1.38728	1
cg03587907	0.0100317	3.37842	3.37842	0.0269105	2.66889	2.66889	0.00166752	5.38893	5.38893	0.567559	0.805387	-1.24164	4.6772	10.3935	1.97525	1
cg14126392	0.0350667	1.92039	1.92039	0.0181376	2.14357	2.14357	0.00173713	3.2768	3.2768	0.649635	0.885563	-1.12923	4.65727	5.2088	0.994155	1
cg14152854	0.565892	1.097	1.097	0.113655	1.31599	1.31599	0.466109	1.1256	1.1256	0.65079	0.929884	-1.0754	4.45038	1.79371	0.358263	1
cg13549345	0.0661281	0.33493	-2.9857	0.0013056	0.0834181	-11.9878	0.928832	0.953703	-1.04854	0.0305147	0.259499	-3.85358	4.34635	19.3836	3.96421	1
cg14618312	0.0539361	1.41788	1.41788	0.0281781	1.51229	1.51229	0.0669118	0.720525	-1.38788	0.0386546	0.682371	-1.46548	3.56686	1.4386	0.35851	1
cg12004206	0.440497	0.888807	-1.1251	4.70E-06	0.20774	-4.8137	0.984086	1.00299	1.00299	0.252004	1.19639	1.19639	14.6752	5.21881	0.316108	1
cg02280859	0.226532	1.10162	1.10162	0.00812382	0.772374	-1.29471	0.873666	0.987945	-1.0122	1.17E-05	0.492748	-2.02943	26.4762	2.43608	0.0817869	1
cg08122070	0.0134865	0.804792	-1.24256	2.80E-05	1.79592	1.79592	0.0383016	1.18585	1.18585	5.87E-05	0.589593	-1.69609	26.2123	2.09322	0.0709835	1
cg00317676	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23159992	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13956605	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09185911	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03386811	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04439557	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00386811	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05152432	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10388316	NADK	0.00926502	0.0472019	0.72935	-1.37108	0.613732	1.0718	1.0718	0.00341449	1.76691	1.76691	0.354342	0.877908	-1.13907	0.00630103	0.603301	-1.65755	0.253947	0.849444	-1.17724	0.0821295	0.766217	-1.30511	0.073663	1.3178	1.3178	0.0694877	1.32466	1.32466	6.89971	1.98039	0.223242	1
cg12552303	NADK	0.0115049	0.359886	1.15522	1.15522	0.00226363	1.92477	1.92477	0.523374	1.10421	1.10421	0.25407	1.20028	1.20028	0.273411	0.839703	-1.1909	0.00530438	0.569384	-1.75628	0.0888724	0.750031	-1.33328	0.218236	1.21959	1.21959	0.180305	0.80406	-1.24369	5.65009	2.10238	0.330753	1
cg25031205	NADK	0.0124341	0.851962	1.04784	1.04784	0.0276083	1.9185	1.9185	0.115744	1.53367	1.53367	0.526016	1.17436	1.17436	0.164816	0.690271	-1.44871	0.554704	1.16121	1.16121	0.000794872	0.281539	-3.55191	0.806622	0.940497	-1.06327	0.0730488	0.60647	-1.64889	5.50952	5.45976	0.880861	1
cg11725331	NADK	0.0134728	0.129526	1.39041	1.39041	0.000426506	3.07252	3.07252	0.838467	1.04193	1.04193	0.771806	1.06026	1.06026	0.810852	1.04943	1.04943	0.02527	0.585486	-1.70798	0.216732	1.29896	1.29896	0.701436	1.0806	1.0806	0.205828	1.30809	1.30809	5.36707	3.44222	0.570097	1
cg05983502	NADK	0.0150911	0.779692	0.935695	-1.06872	0.111271	1.50859	1.50859	0.451055	1.19962	1.19962	0.821923	1.05489	1.05489	0.000506728	0.275863	-3.62499	0.0415595	0.572941	-1.74538	0.671995	1.10622	1.10622	0.245616	0.749887	-1.33353	0.17326	0.709312	-1.40982	5.17034	4.60032	0.790891	1
cg17266431	NADK	0.0154261	0.0224773	0.671589	-1.48901	0.308508	0.857705	-1.1659	0.0109951	0.628377	-1.5914	0.32721	1.15869	1.15869	0.268094	0.84536	-1.18293	0.0462171	1.3946	1.3946	0.320487	0.861147	-1.16124	0.262214	1.1856	1.1856	0.00453941	0.576604	-1.73429	5.13288	1.72407	0.298567	1
cg00997530	NADK	0.0154293	0.713015	0.921548	-1.08513	0.399045	0.826181	-1.21039	0.298846	1.26889	1.26889	0.00112243	0.346174	-2.88872	0.00398901	0.424903	-2.35348	0.768702	1.06739	1.06739	0.0650454	0.632456	-1.58114	0.116914	0.686123	-1.45746	0.914833	1.02394	1.02394	5.13252	3.9758	0.688559	1
cg06219660	NADK	0.0180969	0.0350274	1.65239	1.65239	0.0525318	1.56946	1.56946	0.185867	0.750658	-1.33216	0.0645192	1.529	1.529	0.25914	0.786065	-1.27216	0.242453	1.28419	1.28419	0.458262	0.856902	-1.16699	0.00176247	2.48687	2.48687	0.108099	1.43112	1.43112	4.86633	3.22224	0.588578	1
cg21692735	NADK	0.0193459	0.44608	0.840626	-1.18959	?	?	?	0.0365854	0.581021	-1.72111	0.258688	0.768421	-1.30137	0.0329178	0.572542	-1.7466	0.106587	0.674452	-1.48268	0.00585535	2.2397	2.2397	0.216668	1.3372	1.3372	0.140967	0.701921	-1.42466	4.84481	3.40775	0.703381	1
cg18947110	NADK	0.0338646	0.797284	1.03276	1.03276	0.0275674	1.38585	1.38585	0.149323	0.823959	-1.21365	0.0287947	1.38113	1.38113	0.0857431	0.788336	-1.26849	0.254709	0.861626	-1.1606	0.0143288	1.45958	1.45958	0.440084	1.10363	1.10363	0.378154	1.1199	1.1199	3.91346	0.972085	0.220796	1
cg14027380	NADK	0.0347237	0.852967	1.05194	1.05194	0.391145	1.27099	1.27099	0.317889	0.754452	-1.32546	0.694602	1.1137	1.1137	0.000762687	0.248598	-4.02255	0.782341	0.927202	-1.07851	0.349252	1.30081	1.30081	0.559641	1.17469	1.17469	0.28172	0.736887	-1.35706	3.87823	4.57508	1.04861	1
cg12090177	NADSYN1	1.78E-05	0.40449	1.12567	1.12567	0.171951	0.817258	-1.2236	0.00893211	0.630263	-1.58664	0.189468	1.21276	1.21276	2.63E-07	0.120092	-8.32692	0.000128901	0.397103	-2.51824	0.150216	1.23868	1.23868	0.0169078	0.667379	-1.4984	0.472777	0.903618	-1.10666	34.8975	10.6456	0.271158	1
cg24229579	NADSYN1	0.000154271	0.00223379	0.583666	-1.71331	0.0141101	1.46368	1.46368	0.00615301	1.56743	1.56743	0.448166	0.907369	-1.10209	5.44E-05	0.38845	-2.57433	0.000177413	0.449765	-2.22338	0.00682516	1.55378	1.55378	0.213645	0.848173	-1.179	0.157082	1.2096	1.2096	19.7072	4.93569	0.222623	1
cg11724562	NADSYN1	0.000271615	0.692919	0.921085	-1.08568	0.0013861	2.61184	2.61184	0.155586	0.730007	-1.36985	0.870333	1.03441	1.03441	0.0286434	0.585846	-1.70693	0.315861	1.23959	1.23959	6.64E-06	0.12566	-7.95796	0.678681	1.09011	1.09011	0.260796	0.784345	-1.27495	16.9033	11.4834	0.603878	1
cg06146607	NADSYN1	0.000571701	0.814301	1.04459	1.04459	0.952497	0.989015	-1.01111	0.0830059	0.700557	-1.42744	0.0093258	0.542561	-1.84311	6.42E-06	0.15483	-6.4587	0.0387899	0.641697	-1.55837	0.681354	0.926306	-1.07956	0.586696	1.10713	1.10713	0.11537	0.728054	-1.37352	13.768	7.49609	0.483961	1
cg03018369	NADSYN1	0.000616421	0.327815	0.872332	-1.14635	0.788418	0.964281	-1.03704	0.883941	1.01995	1.01995	0.15531	0.81414	-1.22829	3.39E-05	0.337533	-2.96267	0.24875	0.849568	-1.17707	0.00116016	1.90631	1.90631	0.146369	0.809914	-1.2347	0.00272386	0.571411	-1.75005	13.4819	3.90428	0.257416	1
cg01065422	NADSYN1	0.00107963	0.201205	0.813028	-1.22997	0.00370142	0.548018	-1.82476	0.000202242	0.384464	-2.60102	0.00165776	0.501467	-1.99415	0.22322	0.821805	-1.21683	0.00126474	0.48602	-2.05753	0.0234123	1.51478	1.51478	0.0574864	0.719319	-1.3902	0.0169219	0.639707	-1.56322	11.5133	4.28785	0.331045	1
cg27254468	NADSYN1	0.00136286	0.537382	0.930521	-1.07467	0.0493759	1.29513	1.29513	0.000359386	0.516841	-1.93483	0.309361	0.885765	-1.12897	0.120853	0.823687	-1.21405	0.439323	1.09521	1.09521	0.000429424	1.90125	1.90125	0.0255265	0.736389	-1.35798	0.153168	0.838301	-1.19289	10.7723	2.26828	0.18717	1
cg08634826	NADSYN1	0.00145607	0.658281	0.960859	-1.04074	0.131919	0.864274	-1.15704	0.0275531	1.26334	1.26334	0.0785891	1.19154	1.19154	0.0416781	0.810075	-1.23445	0.873359	0.985793	-1.01441	0.000168321	1.77596	1.77596	0.0107057	0.749959	-1.33341	0.0110649	0.751404	-1.33084	10.5696	1.34695	0.113276	1
cg03284291	NADSYN1	0.00176135	0.557585	1.09599	1.09599	0.140099	1.27803	1.27803	0.0111944	0.611863	-1.63435	0.608375	1.08315	1.08315	0.000115215	0.351646	-2.84377	0.50614	0.900997	-1.10988	0.780367	0.95772	-1.04415	0.0541444	0.713358	-1.40182	0.000866615	0.46186	-2.16516	10.0045	3.78433	0.336233	1
cg21560157	NADSYN1	0.00246141	0.820549	0.948053	-1.05479	0.897825	1.03062	1.03062	0.751182	1.07755	1.07755	0.474557	0.84304	-1.18618	3.28E-05	0.150487	-6.6451	0.511039	1.16942	1.16942	0.0529532	1.67597	1.67597	0.861088	0.959711	-1.04198	0.749226	0.927467	-1.07821	9.07347	7.9215	0.776035	1
cg25543401	NADSYN1	0.00251277	0.819087	0.959776	-1.04191	2.20E-05	0.217182	-4.60444	0.34396	0.839708	-1.19089	0.720401	1.06653	1.06653	0.898332	1.02317	1.02317	0.316528	0.830631	-1.2039	0.822214	1.04116	1.04116	0.538257	0.894337	-1.11815	0.394729	0.855378	-1.16907	9.01851	4.5871	0.452117	1
cg05215649	NADSYN1	0.00499013	0.000439596	0.328763	-3.04171	0.0124364	1.86488	1.86488	0.215142	0.76997	-1.29875	0.684503	1.08529	1.08529	0.55547	0.887386	-1.1269	0.0766907	1.48358	1.48358	0.0229142	1.72506	1.72506	0.58633	0.89576	-1.11637	0.225302	0.77481	-1.29064	7.34302	4.66797	0.565068	1
cg02121892	NADSYN1	0.00591907	0.0131035	0.523385	-1.91064	0.132315	0.71052	-1.40742	0.260966	0.781386	-1.27978	0.0892756	0.674174	-1.4833	0.159247	0.728671	-1.37236	0.901393	0.974255	-1.02643	8.58E-05	0.226743	-4.41028	0.0757858	0.65978	-1.51566	0.387848	0.83008	-1.2047	6.9683	4.88628	0.623303	1
cg22960616	NADSYN1	0.00897498	0.00613918	3.21055	3.21055	0.0131946	2.72466	2.72466	0.0133146	2.71948	2.71948	0.100074	0.555531	-1.80008	0.432493	0.770029	-1.29865	0.557542	0.824066	-1.21349	0.00448414	3.44241	3.44241	0.039779	2.17164	2.17164	0.277229	1.44579	1.44579	6.11777	10.3119	1.49829	1
cg19345671	NADSYN1	0.00957607	0.368869	0.803503	-1.24455	0.161131	0.701331	-1.42586	0.326403	1.27148	1.27148	0.00179615	0.348943	-2.8658	0.132179	1.46986	1.46986	0.00258045	0.371482	-2.69192	0.397311	0.814281	-1.22808	0.665252	1.1087	1.1087	0.0175172	0.503898	-1.98453	5.99294	5.33338	0.791061	1
cg04815334	NADSYN1	0.0116658	0.0173083	0.145902	-6.85393	0.000696094	0.0322249	-31.0319	0.108766	0.313043	-3.19445	0.109834	0.314333	-3.18134	0.0163623	0.142478	-7.01864	0.126166	0.333313	-3.00018	0.0127494	0.12813	-7.8046	0.0136483	0.131914	-7.5807	0.0646596	0.2521	-3.96668	5.62475	39.273	6.20638	1
cg17559402	NADSYN1	0.0127646	0.00310736	0.1555	-6.43088	0.0871793	0.419386	-2.38444	0.572915	0.769435	-1.29966	0.927121	0.958782	-1.04299	0.00178093	0.129197	-7.74009	0.031858	0.314342	-3.18125	0.425629	1.45399	1.45399	0.0145411	0.250341	-3.99455	0.249571	0.574846	-1.7396	5.46262	18.3143	2.98013	1
cg18313719	NADSYN1	0.013613	0.226604	1.1129	1.1129	0.0839375	0.851174	-1.17485	0.695327	0.96738	-1.03372	0.0213574	1.26245	1.26245	0.884513	0.987828	-1.01232	0.236933	1.11005	1.11005	0.00050526	1.58095	1.58095	0.988063	1.00126	1.00126	0.233632	1.11095	1.11095	5.34888	0.60144	0.0999486	1
cg20006855	NADSYN1	0.0180682	0.648944	0.953977	-1.04824	0.0173864	0.742505	-1.34679	0.00330881	0.662798	-1.50876	0.0864904	0.823106	-1.21491	0.620308	0.949956	-1.05268	0.301591	1.11631	1.11631	0.0773891	1.22363	1.22363	0.371069	0.909901	-1.09902	0.0609519	1.24249	1.24249	4.86893	0.814954	0.148781	1
cg07212292	NADSYN1	0.0353219	?	?	?	0.0296219	2.52889	2.52889	0.328453	1.41569	1.41569	0.88266	1.05162	1.05162	0.329834	0.707132	-1.41416	0.155382	0.588028	-1.7006	0.0488081	2.23798	2.23798	0.00780652	3.60049	3.60049	0.198934	0.623837	-1.60298	4.83446	7.52455	1.16733	1
cg12474705	NADSYN1	0.0444896	0.146093	1.33397	1.33397	0.497405	0.880532	-1.13568	0.1765	1.30389	1.30389	0.644242	1.08967	1.08967	0.749688	1.0609	1.0609	0.467203	0.872298	-1.1464	0.00228401	2.19842	2.19842	0.0763121	0.694766	-1.43933	0.780452	0.949706	-1.05296	3.5406	1.91245	0.480133	1
cg06169276	NADSYN1;NADSYN1	0.00905837	9.43E-05	0.35398	-2.82502	0.265517	0.841008	-1.18905	0.157701	0.798166	-1.25287	0.778763	0.958842	-1.04292	0.425062	0.885537	-1.12926	0.839083	0.970113	-1.03081	0.202933	0.818257	-1.22211	0.247244	0.834819	-1.19787	0.0971393	0.762087	-1.31219	6.09984	2.15141	0.31351	1
cg00161345	NAE1;NAE1;NAE1	3.74E-05	0.452844	0.890443	-1.12304	0.243041	1.20365	1.20365	3.48E-07	0.107021	-9.34392	0.0801498	0.744861	-1.34253	0.133877	0.782473	-1.278	0.952292	1.00912	1.00912	0.0320615	1.46381	1.46381	0.698458	0.942643	-1.06085	0.0654841	0.730747	-1.36846	28.7389	10.4788	0.324106	1
cg07272566	NAE1;NAE1;NAE1	0.0011463	0.00343087	0.304471	-3.28438	0.000411842	0.18684	-5.35216	0.00172085	0.262331	-3.81197	0.227883	0.684796	-1.46029	0.000544139	0.200342	-4.99146	0.00250256	0.284719	-3.51223	0.00210455	0.274224	-3.64665	0.0966471	0.579499	-1.72563	0.00243719	0.2831	-3.53233	11.3186	16.0415	1.2598	1
cg08948240	NAE1;NAE1;NAE1	0.0206981	0.00275379	0.203367	-4.91722	0.107485	0.507973	-1.96861	0.246206	0.626514	-1.59613	0.601485	1.22528	1.22528	0.145516	0.547385	-1.82687	0.124973	0.527113	-1.89713	0.00213373	0.189432	-5.27893	0.309606	0.666707	-1.49991	0.0397627	0.399866	-2.50084	4.64994	10.9482	2.09286	1
cg05319212	NAE1;NAE1;NAE1	0.0488817	0.0429175	2.19625	2.19625	0.00672677	3.27606	3.27606	0.136963	1.71764	1.71764	0.246099	1.50622	1.50622	0.102865	1.82683	1.82683	0.430968	0.762291	-1.31184	0.0951486	0.538381	-1.85742	0.426741	1.31525	1.31525	0.722194	0.886438	-1.12811	3.41735	6.17133	1.60523	1
cg06586239	NAE1;NAE1;NAE1;NAE1;NAE1;NAE1	0.00740604	0.301521	0.873424	-1.14492	0.0266194	1.39403	1.39403	0.00505032	1.59803	1.59803	0.274586	1.15456	1.15456	0.183189	1.19549	1.19549	0.0566505	0.761268	-1.3136	0.896791	0.983726	-1.01654	0.0289263	1.38489	1.38489	0.00125588	1.814	1.814	6.49961	1.64539	0.225025	1
cg24309739	NAF1;NAF1	3.50E-05	0.00627577	2.12223	2.12223	0.0400478	0.605648	-1.65112	0.000259167	0.280803	-3.56122	0.012074	1.93749	1.93749	3.15E-06	0.096655	-10.3461	0.0610816	0.640155	-1.56212	0.152559	1.38238	1.38238	0.00040718	3.27753	3.27753	0.134071	0.710742	-1.40698	29.256	20.6925	0.628704	1
cg18023724	NAF1;NAF1	0.000217875	0.0580921	1.53503	1.53503	0.000760558	0.36028	-2.77562	0.000311135	0.310278	-3.22292	0.0140361	1.83454	1.83454	0.000160036	0.275133	-3.63461	0.00560102	0.48298	-2.07048	0.117533	0.711681	-1.40512	0.00752242	1.99014	1.99014	0.0132602	0.541125	-1.848	17.9493	11.3802	0.563572	1
cg22685907	NAF1;NAF1	0.00123852	0.11466	1.19782	1.19782	0.0963811	1.21174	1.21174	0.0248929	0.75514	-1.32426	0.63307	0.950658	-1.0519	0.0275894	0.760276	-1.31531	0.151574	1.17544	1.17544	6.92E-05	2.14887	2.14887	0.0122285	1.38874	1.38874	0.139925	0.846125	-1.18186	11.0714	1.94076	0.155817	1
cg13399164	NAF1;NAF1	0.00212435	0.804262	1.04863	1.04863	0.00190437	2.31895	2.31895	0.293991	1.23141	1.23141	0.918726	1.01971	1.01971	0.112479	0.718611	-1.39157	0.102632	1.4071	1.4071	0.000170376	0.294555	-3.39495	0.059698	0.666067	-1.50135	0.454941	0.864551	-1.15667	9.47371	5.48719	0.514845	1
cg15879179	NAF1;NAF1	0.00226406	0.234132	1.23839	1.23839	0.00537122	1.87465	1.87465	0.0157098	1.6612	1.6612	0.277283	0.823908	-1.21373	0.0182945	0.612058	-1.63383	0.000384292	0.378547	-2.64168	0.372439	0.854726	-1.16997	0.577255	1.10134	1.10134	0.0660115	1.42412	1.42412	9.29881	4.3279	0.413711	1
cg18120808	NAF1;NAF1	0.00228616	0.818608	0.95348	-1.04879	0.0232421	0.569763	-1.75512	6.59E-05	0.219111	-4.56389	0.411703	0.840244	-1.19013	0.0211633	1.77672	1.77672	0.0930329	0.681681	-1.46696	0.280479	1.26193	1.26193	0.0960242	0.684503	-1.46091	0.335892	0.814016	-1.22848	9.27239	6.31527	0.605408	1
cg11051510	NAF1;NAF1	0.00257496	0.00231061	2.58167	2.58167	0.108394	0.676933	-1.47725	0.760827	0.934244	-1.07038	0.0643598	1.58882	1.58882	0.00264094	0.395744	-2.52689	0.00609358	2.22042	2.22042	?	?	?	0.458345	1.18321	1.18321	0.0370427	0.583064	-1.71508	9.15543	6.3974	0.698755	1
cg01622668	NAF1;NAF1	0.023887	0.00820176	0.207612	-4.81669	0.0903165	0.419994	-2.38098	0.0981228	0.430304	-2.32394	0.639674	1.24502	1.24502	0.0124692	0.235748	-4.24181	0.58823	1.28925	1.28925	0.853333	1.08982	1.08982	0.455455	1.42379	1.42379	0.00680727	0.195999	-5.10207	4.42663	15.1453	3.04125	1
cg25599641	NAGA	0.00018126	0.0231769	0.706688	-1.41505	0.000277506	0.467234	-2.14026	0.044144	0.743975	-1.34413	0.127309	1.23478	1.23478	7.32E-06	0.282404	-3.54103	0.523782	1.08614	1.08614	0.019166	1.43691	1.43691	0.053833	0.755791	-1.32312	0.0879205	0.785941	-1.27236	18.8673	4.88787	0.23028	1
cg05732749	NAGA	0.00518303	0.12146	0.911797	-1.09674	0.265805	0.938219	-1.06585	0.00932605	1.19886	1.19886	0.114841	0.910008	-1.09889	0.462021	0.959658	-1.04204	0.762391	1.01682	1.01682	0.0742028	1.11563	1.11563	0.259704	1.0668	1.0668	0.00031053	1.37957	1.37957	7.25841	0.347698	0.0425803	1
cg20299810	NAGA	0.0258133	0.0101757	0.406619	-2.4593	0.0114424	0.415325	-2.40775	0.0180846	0.450578	-2.21937	0.385806	1.28002	1.28002	0.0165446	0.443556	-2.25451	0.0438617	0.525609	-1.90255	0.233391	0.706854	-1.41472	0.850588	1.05376	1.05376	0.156371	0.656386	-1.52349	4.3089	5.26168	1.08544	1
cg24423099	NAGA	0.0369782	0.247657	1.48529	1.48529	0.00737834	0.230179	-4.34445	0.105865	0.543976	-1.83831	0.897932	0.960823	-1.04077	?	?	?	0.187373	0.628335	-1.59151	0.0972008	0.532044	-1.87954	0.0113357	0.272865	-3.66481	0.0196967	0.332453	-3.00794	7.19703	8.54585	0.593706	1
cg27187881	NAGA;NAGA	0.00107214	0.00274301	0.343818	-2.90852	0.570345	1.15967	1.15967	0.337258	1.29113	1.29113	0.000356632	4.39347	4.39347	0.203592	0.707098	-1.41423	0.351007	0.780425	-1.28135	0.00419477	0.37137	-2.69273	0.00482189	2.62689	2.62689	0.0454998	0.553004	-1.8083	11.5361	12.1878	0.9391	1
cg15660630	NAGK	0.00158851	0.454447	0.846751	-1.18098	0.535328	1.14689	1.14689	0.18885	1.35517	1.35517	0.65266	1.10397	1.10397	0.405046	1.20442	1.20442	0.00049503	0.304072	-3.2887	0.000175219	0.249141	-4.01379	0.0332782	1.72152	1.72152	0.589056	1.12645	1.12645	10.3078	7.78135	0.671019	1
cg24333813	NAGK	0.00752756	0.00056572	0.430713	-2.32173	0.0723485	1.37186	1.37186	0.690314	0.938809	-1.06518	0.31599	1.17758	1.17758	0.772453	1.04678	1.04678	0.0902773	1.34222	1.34222	0.00705573	0.577506	-1.73159	0.852198	0.971021	-1.02984	0.535763	1.10392	1.10392	6.46657	2.54593	0.349961	1
cg03766027	NAGK	0.0160776	0.906642	1.01208	1.01208	0.375448	1.09753	1.09753	0.103632	1.19972	1.19972	0.724512	0.964445	-1.03687	0.545239	1.06464	1.06464	0.388621	1.09461	1.09461	0.000603158	0.58205	-1.71807	0.93176	0.991276	-1.0088	0.0450695	1.26524	1.26524	5.06284	0.839307	0.147358	1
cg19176530	NAGK	0.0383522	0.0964998	1.2808	1.2808	0.62954	0.936207	-1.06814	0.260984	0.853003	-1.17233	0.155175	0.813584	-1.22913	0.0371411	1.38842	1.38842	0.835779	1.02855	1.02855	0.00546424	0.609214	-1.64146	0.36592	1.13426	1.13426	0.310216	1.15305	1.15305	3.74048	1.08962	0.258937	1
cg01396872	NAGK	0.0440849	0.966977	1.00509	1.00509	0.206523	1.17746	1.17746	0.967721	1.00497	1.00497	0.0112765	1.47576	1.47576	0.986071	1.00214	1.00214	0.26083	1.15465	1.15465	0.00585772	0.642566	-1.55626	0.650596	0.945625	-1.0575	0.333521	1.1301	1.1301	3.55271	0.845931	0.211652	1
cg04020908	NAGLU	1.06E-05	4.78E-06	0.12821	-7.79968	0.755982	1.0631	1.0631	2.74E-05	0.197276	-5.06903	0.675723	0.920735	-1.08609	4.14E-06	0.123217	-8.11576	0.149151	0.73811	-1.35481	2.47E-05	0.192654	-5.19065	0.024237	0.590179	-1.6944	1.91E-05	0.181746	-5.50219	39.9368	24.3731	0.542482	1
cg16347155	NAGLU	0.00169431	0.000102968	0.154936	-6.4543	0.187193	0.684323	-1.4613	0.0278754	0.494039	-2.02413	0.0859177	0.597525	-1.67357	0.00276723	0.326294	-3.06472	?	?	?	0.635936	0.878628	-1.13814	0.952277	0.983891	-1.01637	0.00129044	0.280121	-3.56989	10.3512	10.7294	1.03653	1
cg14787477	NAGLU	0.00358859	0.0304844	0.545073	-1.83462	0.0212048	1.93704	1.93704	0.678508	1.10459	1.10459	0.00537946	2.39793	2.39793	0.00557957	0.4195	-2.38379	0.411013	0.818221	-1.22216	0.00911288	0.453553	-2.20481	0.028267	1.85539	1.85539	0.128139	0.675352	-1.48071	8.11285	7.31791	0.801791	1
cg20623645	NAGLU	0.00622	0.0138093	0.57783	-1.73061	0.0101189	0.557249	-1.79453	0.022696	0.61165	-1.63492	0.284607	0.818463	-1.2218	0.729155	0.939276	-1.06465	0.00452436	0.505694	-1.97748	0.00032465	0.350814	-2.85051	0.0776082	0.702216	-1.42406	0.440955	0.867945	-1.15215	6.86236	3.53033	0.457288	1
cg12280065	NAGLU	0.0244193	0.00582789	0.35416	-2.82358	0.064246	0.550035	-1.81806	0.0167736	0.432074	-2.31442	0.741804	0.909328	-1.09971	0.00976681	0.390864	-2.55844	0.112536	0.608559	-1.64323	0.0322948	0.486421	-2.05583	0.993047	1.00251	1.00251	0.0184775	0.439775	-2.27389	4.39295	5.75036	1.16355	1
cg20871314	NAGLU	0.0289699	0.0371179	1.31375	1.31375	0.0220063	0.733633	-1.36308	0.344678	0.89606	-1.116	0.232826	0.868431	-1.1515	0.153927	1.18782	1.18782	0.985889	1.002	1.002	0.00813541	1.46519	1.46519	0.602031	0.9424	-1.06112	0.240889	0.870719	-1.14848	4.13775	0.83318	0.178987	1
cg02889450	NAGPA	0.00236655	0.0297315	0.220849	-4.52798	0.223117	2.12904	2.12904	0.0238973	0.203716	-4.90879	0.246489	2.04505	2.04505	0.0171651	0.180066	-5.55351	0.0540121	0.274966	-3.63682	0.000391276	0.0355769	-28.1082	0.00107878	0.0578643	-17.2818	0.0108933	0.151539	-6.59896	9.17886	50.6591	4.90587	1
cg02859934	NAGPA	0.00286352	0.516588	1.19715	1.19715	0.000877068	0.255359	-3.91606	0.0400628	0.522466	-1.914	0.271771	1.36755	1.36755	0.00951324	0.407072	-2.45657	0.537215	0.842863	-1.18643	0.00120704	0.273311	-3.65883	0.0795944	1.70295	1.70295	0.0134165	0.432688	-2.31113	8.67715	10.2884	1.05394	1
cg00998410	NAGPA	0.00912238	0.0602194	0.718988	-1.39084	0.278816	1.19157	1.19157	0.0216916	1.53571	1.53571	0.787004	0.958721	-1.04306	0.845792	0.970147	-1.03077	0.000616028	0.44013	-2.27206	0.106337	0.759958	-1.31586	0.146685	0.784693	-1.27438	0.235763	1.21337	1.21337	6.08622	2.33534	0.341074	1
cg07987051	NAGPA	0.0296328	0.0561592	0.178927	-5.58886	0.262641	0.394881	-2.53241	0.0867692	0.222032	-4.50387	0.0220232	0.112465	-8.89162	0.00278158	0.0375992	-26.5963	0.0188419	0.103986	-9.61669	0.0192069	0.104996	-9.52418	0.118223	0.259376	-3.8554	0.106576	0.246134	-4.06283	4.10473	41.1477	8.91064	1
cg09645516	NAGPA	0.0411518	0.0926974	0.347782	-2.87537	0.715127	1.23276	1.23276	0.65281	1.295	1.295	0.399619	0.61125	-1.63599	0.00172387	0.0778537	-12.8446	0.542656	0.703419	-1.42163	0.0263467	0.222312	-4.49819	0.468007	1.52432	1.52432	0.635797	0.761594	-1.31304	3.64475	18.8123	4.58798	1
cg27246277	NAGS	0.0162013	0.0235855	0.493655	-2.02571	0.324354	0.766618	-1.30443	0.0504077	0.558613	-1.79015	0.611373	0.874763	-1.14317	0.000708507	0.259977	-3.84649	0.65085	1.12633	1.12633	0.181192	1.4487	1.4487	0.288288	0.749867	-1.33357	0.0745962	0.595334	-1.67973	5.04994	5.45322	0.959875	1
cg11117809	NAGS	0.0380121	0.0143248	0.397063	-2.51849	0.904084	0.963797	-1.03756	0.221035	0.674689	-1.48216	0.00474893	0.31759	-3.14872	0.17414	1.55615	1.55615	?	?	?	0.142825	0.617703	-1.6189	0.821548	0.933231	-1.07155	0.162331	0.633619	-1.57824	3.81243	5.02156	1.31715	1
cg06189869	NAGS;PYY	2.57E-05	0.0666394	0.648956	-1.54094	0.45943	0.853531	-1.1716	1.20E-05	0.142984	-6.99379	0.168123	0.734306	-1.36183	0.000935044	0.354024	-2.82467	0.000637456	0.331965	-3.01236	5.42E-06	0.11491	-8.70245	5.29E-06	0.114105	-8.76386	0.0485175	0.622594	-1.60618	31.7297	22.2151	0.622344	1
cg11770325	NAGS;PYY	6.78E-05	0.0126734	0.543817	-1.83885	0.000117745	0.265698	-3.76367	0.000913722	0.377382	-2.64984	0.156304	0.742202	-1.34734	3.25E-05	0.204335	-4.89392	0.0161215	0.560563	-1.78392	3.87E-06	0.120548	-8.29548	0.00197783	0.42349	-2.36133	0.00322364	0.45378	-2.20371	24.5552	15.031	0.544117	1
cg07803108	NAGS;PYY	0.00667412	0.932065	0.973028	-1.02772	0.0218693	0.413867	-2.41624	0.00233354	3.9076	3.9076	0.167843	1.60222	1.60222	0.976032	0.990412	-1.00968	0.61854	0.851312	-1.17466	0.00121986	0.21921	-4.56184	0.269199	0.691416	-1.44631	0.664552	0.86943	-1.15018	6.71403	10.9357	1.44781	1
cg00462994	NAGS;PYY	0.0115411	0.432953	0.897596	-1.11409	0.842146	1.02729	1.02729	0.000286263	2.22452	2.22452	0.778252	0.962603	-1.03885	0.0187186	1.46913	1.46913	0.45126	0.901564	-1.10918	0.941902	0.990208	-1.00989	0.441598	1.11175	1.11175	0.121753	1.25417	1.25417	5.64434	1.6294	0.256604	1
cg21169779	NAIF1	0.000155195	0.016283	0.739185	-1.35284	1.21E-05	0.386643	-2.58636	0.149715	0.853101	-1.17219	0.0236843	0.757428	-1.32026	0.0237899	0.757645	-1.31988	0.247767	0.883114	-1.13236	9.64E-05	2.04136	2.04136	0.189135	0.866668	-1.15384	0.61544	0.949233	-1.05348	19.6755	3.29745	0.148971	1
cg09296212	NAIF1	0.0134975	0.844349	0.964855	-1.03643	0.0144078	0.577555	-1.73144	0.713037	0.934976	-1.06955	0.968788	1.00715	1.00715	0.385735	0.85057	-1.17568	0.00849609	1.84301	1.84301	0.0023791	2.16194	2.16194	0.753013	1.05914	1.05914	0.21684	0.789372	-1.26683	5.36384	2.81433	0.466386	1
cg02431687	NAIF1	0.0350769	0.070373	0.715255	-1.3981	0.941398	1.01226	1.01226	0.0458436	0.684371	-1.4612	0.0756724	0.720644	-1.38765	0.48303	0.888591	-1.12538	0.0626273	0.706702	-1.41502	0.00903657	1.73298	1.73298	0.250971	1.21987	1.21987	0.83229	0.965474	-1.03576	3.86406	1.68008	0.386485	1
cg16224854	NAIF1;SLC25A25	0.00498948	0.39824	0.954332	-1.04785	0.00387555	1.23397	1.23397	0.0326309	1.14469	1.14469	0.220499	0.932752	-1.0721	0.00324656	1.24227	1.24227	0.81454	1.01278	1.01278	0.0286663	0.869794	-1.1497	0.0618835	1.12034	1.12034	0.00697829	1.20755	1.20755	7.34331	0.339693	0.0411189	1
cg14067244	NAIF1;SLC25A25	0.00680121	0.0132743	2.15742	2.15742	0.0368831	1.83568	1.83568	0.377904	1.25446	1.25446	0.0247877	1.95344	1.95344	0.0388167	1.82112	1.82112	0.00550543	2.49521	2.49521	0.000574443	3.80194	3.80194	0.00488661	2.54649	2.54649	0.51364	1.18055	1.18055	6.67475	6.63747	0.883924	1
cg14061230	NAIF1;SLC25A25	0.0198143	0.00786259	0.533881	-1.87308	0.360845	0.841251	-1.18871	0.0839361	0.703326	-1.42182	0.197213	0.778125	-1.28514	0.00294147	0.471635	-2.12028	0.317573	0.82686	-1.20939	0.0344495	1.57446	1.57446	0.972464	1.00637	1.00637	0.294413	0.818631	-1.22155	4.71949	2.5313	0.476756	1
cg11988985	NAIP;NAIP;NAIP;NAIP	0.04335	0.0119031	0.209813	-4.76615	0.244905	0.546013	-1.83146	0.0378163	0.301741	-3.3141	0.0645249	0.355921	-2.80961	0.022865	0.258052	-3.87519	0.120366	0.432521	-2.31203	0.0140114	0.22107	-4.52346	0.246619	0.547321	-1.82708	0.0215132	0.253173	-3.94987	3.57505	14.0125	3.48402	1
cg07494300	NALCN	4.24E-08	0.00045823	0.749439	-1.33433	0.00191702	1.25818	1.25818	0.0117508	1.17883	1.17883	0.00207193	1.25444	1.25444	2.89E-05	0.651116	-1.53582	5.67E-08	0.378487	-2.6421	5.35E-09	0.269659	-3.70839	1.35E-06	1.90782	1.90782	3.21E-05	0.655136	-1.5264	163.417	7.07262	0.0384707	1
cg04117435	NALCN	2.92E-05	0.000130605	1.56218	1.56218	0.0111644	1.23813	1.23813	0.0205924	0.829192	-1.20599	0.000126331	1.56553	1.56553	0.237597	0.920268	-1.08664	0.00132658	0.730846	-1.36828	0.000103185	0.630399	-1.5863	6.10E-05	0.60835	-1.64379	0.12404	1.11836	1.11836	30.6646	2.19055	0.0634985	1
cg05078644	NALCN	0.00026199	0.110847	0.69422	-1.44046	0.607111	1.11513	1.11513	3.83E-05	0.190376	-5.25276	0.022075	0.561739	-1.78019	0.0114917	0.514659	-1.94303	0.169323	0.735202	-1.36017	2.42E-05	0.170824	-5.85396	0.180066	1.34864	1.34864	0.469758	1.16708	1.16708	17.0705	11.9332	0.621382	1
cg20236424	NALCN	0.000277798	0.195656	0.721468	-1.38606	0.0210278	0.515736	-1.93897	1.72E-05	0.122098	-8.19014	0.710731	0.914965	-1.09294	0.00191723	0.350617	-2.85211	0.00274988	0.373181	-2.67966	0.000110054	0.197129	-5.07281	0.214841	1.36545	1.36545	0.107759	0.657911	-1.51996	16.7997	15.1415	0.801156	1
cg25024321	NALCN	0.00143191	0.0071367	0.414376	-2.41326	0.00342548	2.74063	2.74063	0.00801565	0.422559	-2.36653	0.412684	0.808681	-1.23658	0.00162255	0.318137	-3.1433	0.0457988	1.78694	1.78694	0.0025849	0.346852	-2.88308	0.254655	1.35197	1.35197	0.657483	1.11979	1.11979	10.6205	10.813	0.904999	1
cg25201811	NALCN	0.00491939	0.403846	0.903887	-1.10633	0.0442092	1.31449	1.31449	0.961484	1.00573	1.00573	0.228289	1.16136	1.16136	0.76972	1.03534	1.03534	0.000173614	0.470461	-2.12558	0.0437124	1.31558	1.31558	0.150691	1.19987	1.19987	0.98219	1.00264	1.00264	7.37508	1.63463	0.197015	1
cg01129320	NALCN	0.00987488	0.0658439	0.522202	-1.91497	0.00170911	0.24422	-4.09467	0.0743319	0.534775	-1.86995	0.494528	0.803837	-1.24403	0.03819	0.469432	-2.13024	0.0175487	2.48375	2.48375	0.882722	1.04756	1.04756	0.10259	1.75462	1.75462	0.104017	0.571491	-1.74981	5.93446	9.31289	1.39492	1
cg15488636	NALCN	0.0113546	0.0191377	0.840215	-1.19017	0.180204	1.09132	1.09132	0.295737	0.935588	-1.06885	0.205326	1.08551	1.08551	0.00953666	0.817419	-1.22336	0.0040748	0.789199	-1.26711	0.026521	0.850878	-1.17526	0.0593707	0.877488	-1.13962	0.314162	1.066	1.066	5.67414	0.338845	0.053082	1
cg18686498	NALCN	0.011457	0.0823343	1.23179	1.23179	0.281478	0.885815	-1.1289	0.00426621	1.51313	1.51313	0.0584508	1.26062	1.26062	0.290451	1.12619	1.12619	0.072702	0.80502	-1.2422	0.0160905	0.726838	-1.37582	0.121344	0.833653	-1.19954	0.131538	1.19285	1.19285	5.6577	1.0514	0.165187	1
cg22191606	NALCN	0.0308824	0.186143	0.431598	-2.31697	0.00960581	0.140111	-7.13721	0.00353412	0.0934265	-10.7036	0.539257	0.68893	-1.45153	0.0144997	0.164385	-6.0833	0.42862	0.616054	-1.62323	0.0724027	0.300646	-3.32617	0.518969	1.47984	1.47984	0.252282	0.48827	-2.04805	4.0449	23.0213	5.05906	1
cg07170932	NALCN	0.034026	0.200316	0.577007	-1.73308	0.156369	0.539922	-1.85212	0.268736	0.626105	-1.59718	0.647657	0.829406	-1.20568	0.000454537	0.105862	-9.44627	0.376105	0.691268	-1.44662	0.538024	0.776114	-1.28847	0.584317	0.798852	-1.2518	0.155079	0.538739	-1.85619	3.90676	10.224	2.32622	1
cg12384932	NALCN	0.0423084	0.0867843	0.38246	-2.61465	0.00225976	0.114022	-8.77022	0.0558932	0.332691	-3.00579	0.161141	0.467448	-2.13928	0.26819	0.556531	-1.79685	0.161551	0.467843	-2.13747	0.0167968	0.227016	-4.40498	0.0563054	0.333464	-2.99882	0.223013	0.521722	-1.91673	3.60752	14.752	3.63486	1
cg05424678	NAMPT	0.00329237	0.00647449	0.495724	-2.01725	0.0138169	0.547044	-1.82801	0.00342111	0.454541	-2.20002	0.00135852	0.397737	-2.51422	0.000736578	0.361828	-2.76375	0.339424	0.822674	-1.21555	0.175206	0.751406	-1.33084	0.638514	1.09834	1.09834	0.0091653	0.518907	-1.92713	8.32454	5.18144	0.553271	1
cg19772754	NAMPT	0.0126584	0.629891	0.966274	-1.0349	0.954414	1.00405	1.00405	0.00849477	1.26789	1.26789	0.320714	1.07519	1.07519	0.20997	0.910873	-1.09785	0.00902588	1.26432	1.26432	0.00367599	1.31979	1.31979	0.0276893	1.20191	1.20191	0.0274832	1.20231	1.20231	5.47753	0.433113	0.0702852	1
cg20557534	NAMPT	0.0160954	0.437618	1.14054	1.14054	0.264089	1.21328	1.21328	0.465094	1.13141	1.13141	0.355953	0.854115	-1.1708	0.0177658	0.619593	-1.61396	0.0839575	0.727908	-1.3738	0.672006	0.931716	-1.07329	0.00891827	1.7377	1.7377	0.00651992	1.79874	1.79874	5.06097	2.21073	0.388284	1
cg01373473	NAMPT	0.0189771	0.787267	0.976418	-1.02415	0.40257	1.07851	1.07851	0.145255	1.14797	1.14797	0.967307	0.99639	-1.00362	0.0179313	1.2889	1.2889	0.436442	1.07256	1.07256	0.0014731	1.49919	1.49919	0.0295473	0.797664	-1.25366	0.350417	1.0885	1.0885	4.78902	0.590423	0.109588	1
cg02882624	NAMPT	0.031445	0.893589	1.02089	1.02089	0.0966211	1.3255	1.3255	0.354245	1.15863	1.15863	0.306686	1.17761	1.17761	0.585436	1.08882	1.08882	0.607968	1.08322	1.08322	0.00103677	0.472119	-2.11811	0.892399	1.02113	1.02113	0.306224	1.17781	1.17781	4.01894	1.51914	0.335995	1
cg24298648	NAMPT	0.037272	0.832803	1.06376	1.06376	0.0712213	0.55478	-1.80252	0.806879	0.930893	-1.07424	0.943144	1.02107	1.02107	0.00111368	0.245552	-4.07246	0.436248	1.26141	1.26141	0.366497	1.31162	1.31162	0.704664	0.894633	-1.11778	0.130504	0.620344	-1.61201	3.77975	5.11769	1.20353	1
cg05004518	NAMPT	0.0463779	0.00910235	0.262045	-3.81614	0.327315	0.664535	-1.50481	0.186024	0.56742	-1.76236	0.646375	0.829692	-1.20527	0.1514	0.537269	-1.86127	0.294747	0.644571	-1.55142	0.00583017	0.232446	-4.30207	0.50543	0.761015	-1.31404	0.0114908	0.278645	-3.58879	3.48585	9.01737	2.29942	1
cg01734240	NANOG	1.90E-05	0.582836	0.930897	-1.07423	0.593157	0.932752	-1.0721	0.0117936	0.666324	-1.50077	0.000364225	0.478335	-2.09059	2.22E-05	0.333309	-3.00022	0.000174924	0.439582	-2.27489	1.74E-06	0.213671	-4.6801	0.00435724	1.63511	1.63511	0.148237	1.22166	1.22166	34.3107	9.05549	0.234601	1
cg12688240	NANOG	0.000491564	0.007728	0.455308	-2.19631	0.00974906	0.471609	-2.1204	0.000864241	0.316686	-3.1577	8.08E-05	0.194861	-5.13188	0.00143383	0.346466	-2.88628	0.0267793	0.547002	-1.82815	9.25E-05	0.201004	-4.97503	0.0780028	0.637447	-1.56876	0.00509269	0.426885	-2.34255	14.3581	12.0227	0.744307	1
cg10660253	NANOG	0.00232972	0.0922594	1.57203	1.57203	0.074281	1.62499	1.62499	0.0298763	0.535903	-1.86601	0.000180058	0.212722	-4.70096	0.93027	1.02159	1.02159	0.112203	0.655612	-1.52529	0.0121756	0.466411	-2.14403	0.00841874	0.439782	-2.27385	0.46293	1.20009	1.20009	9.22121	8.70299	0.838935	1
cg01663696	NANOG	0.0179866	0.0127293	0.355816	-2.81044	0.30925	1.42086	1.42086	0.665641	0.864909	-1.15619	0.125803	0.575239	-1.73841	0.529952	0.808648	-1.23663	0.288428	0.692201	-1.44467	0.00297665	0.256547	-3.89792	0.00459658	0.283881	-3.5226	0.500903	1.25615	1.25615	4.87635	8.60566	1.56869	1
cg25540142	NANOG	0.0313182	0.578423	0.813151	-1.22978	0.0692836	2.11455	2.11455	0.589942	0.818343	-1.22198	0.45818	0.75703	-1.32095	0.610911	1.20812	1.20812	0.740279	1.13041	1.13041	0.0591299	2.19279	2.19279	0.00196491	0.199451	-5.01377	0.2809	1.51131	1.51131	4.02474	8.65454	1.91141	1
cg14916079	NANOS1	0.00835909	0.00383937	0.307643	-3.25052	0.705712	1.12161	1.12161	0.317764	1.36671	1.36671	0.0200244	2.33742	2.33742	0.0500657	0.508696	-1.96581	0.28583	1.39841	1.39841	0.233622	0.685387	-1.45903	0.00365492	3.28445	3.28445	0.642897	0.868272	-1.15171	6.25696	9.06911	1.28839	1
cg23089913	NANOS1	0.015321	0.132792	0.648134	-1.54289	0.393443	1.26331	1.26331	0.0405403	1.88218	1.88218	0.0131007	2.27674	2.27674	0.0890073	0.605618	-1.65121	0.203989	1.43111	1.43111	0.339286	0.768475	-1.30128	0.00524524	2.67643	2.67643	0.147945	0.660326	-1.5144	5.14452	5.82495	1.00646	1
cg19924829	NANOS1	0.0353444	0.0682893	0.803421	-1.24468	0.901916	1.01331	1.01331	0.0495725	1.27154	1.27154	0.385891	0.909088	-1.1	0.0376336	0.772148	-1.29509	0.0130108	0.718625	-1.39155	0.159773	0.851232	-1.17477	0.0973144	1.21543	1.21543	0.760227	1.03337	1.03337	3.85344	0.701675	0.161858	1
cg19702802	NANOS2	0.00265175	0.581728	0.91258	-1.09579	0.00161786	2.10237	2.10237	0.0812717	0.727771	-1.37406	0.00222106	0.494264	-2.02321	0.331895	1.17892	1.17892	0.0423119	1.46894	1.46894	0.00454091	1.86193	1.86193	0.0769384	1.38182	1.38182	0.208416	0.804081	-1.24366	8.87653	3.80069	0.380598	1
cg25673584	NANOS2	0.00863774	0.774573	1.06667	1.06667	0.00057261	3.31527	3.31527	0.456192	1.18598	1.18598	0.689796	0.913771	-1.09437	0.25921	1.30286	1.30286	0.0418341	1.69427	1.69427	0.00740012	2.1718	2.1718	0.00580692	2.25258	2.25258	0.0334244	1.74827	1.74827	6.19246	4.95463	0.711205	1
cg14192299	NANOS2	0.0178861	0.33723	1.49761	1.49761	0.00514745	4.51877	4.51877	0.305606	0.648545	-1.54191	0.337744	0.668034	-1.49693	0.0295308	2.84648	2.84648	0.344464	1.4881	1.4881	0.00494779	4.56883	4.56883	0.0209242	3.10911	3.10911	0.123957	1.97402	1.97402	4.88554	12.8934	2.34585	1
cg20921712	NANOS2	0.0223599	0.402369	0.787219	-1.27029	0.497083	0.824916	-1.21224	0.160433	0.657967	-1.51983	0.241128	0.709955	-1.40854	0.00175178	0.287917	-3.47322	0.185902	0.676015	-1.47926	0.0025775	0.311478	-3.2105	0.748701	0.914181	-1.09388	0.0304347	0.491575	-2.03428	4.52864	5.58959	1.09714	1
cg04436389	NANOS2	0.0319387	0.217421	0.796325	-1.25577	0.286508	1.2144	1.2144	0.940435	0.98697	-1.0132	0.419789	1.15566	1.15566	0.684687	0.930854	-1.07428	0.0786017	1.40897	1.40897	0.000883198	2.39808	2.39808	0.194379	1.27246	1.27246	0.29608	1.20944	1.20944	3.99662	1.94978	0.433652	1
cg24324984	NANOS2	0.0411563	0.524758	0.865493	-1.15541	0.337463	1.24811	1.24811	0.78229	1.06405	1.06405	0.237219	0.757652	-1.31987	0.0134761	0.5038	-1.98492	0.608365	1.12281	1.12281	0.0130186	1.99482	1.99482	0.0858393	0.65346	-1.53031	0.125982	0.689996	-1.44928	3.64461	2.8995	0.707165	1
cg20446404	NANOS2;NANOS2	0.0210427	0.0846824	0.518656	-1.92806	0.878565	1.05405	1.05405	0.0542045	0.47131	-2.12175	0.0756805	0.506253	-1.9753	0.00158345	0.209835	-4.76565	0.0157569	0.361078	-2.76948	0.0165022	0.364759	-2.74153	0.902475	0.958673	-1.04311	0.0823306	0.515516	-1.93981	4.62382	8.68028	1.66871	1
cg06168875	NANOS3	0.000281103	0.0461349	1.38383	1.38383	0.0165869	0.659686	-1.51587	0.000710322	2.0817	2.0817	0.00510409	1.69233	1.69233	9.16E-05	0.3703	-2.70052	0.00403418	0.577473	-1.73168	0.0666658	1.33955	1.33955	0.160756	1.23737	1.23737	0.0871646	1.30803	1.30803	16.7455	5.3604	0.284543	1
cg19695335	NANP	0.000283971	0.840269	0.969586	-1.03137	0.000205043	0.385913	-2.59126	0.988957	1.00212	1.00212	0.00966904	0.605856	-1.65056	0.745345	0.951346	-1.05114	0.000314496	0.409109	-2.44434	7.63E-05	0.333724	-2.99649	0.971385	1.0055	1.0055	0.00602106	1.73193	1.73193	16.6991	6.19523	0.329771	1
cg19658812	NANP	0.00195049	0.0969678	0.608469	-1.64347	0.395414	0.788712	-1.26789	0.0145251	0.43996	-2.27293	0.806537	0.935278	-1.0692	0.000449267	0.221084	-4.52316	0.000452301	0.221426	-4.51619	0.00108175	0.268242	-3.72797	0.967087	1.01132	1.01132	0.00818753	0.39744	-2.5161	9.71253	11.4399	1.04698	1
cg19294125	NANP	0.00357378	0.739103	0.973782	-1.02692	0.241379	1.10239	1.10239	0.187724	0.894963	-1.11736	0.0811095	0.857509	-1.16617	0.00200274	1.41436	1.41436	0.0634897	1.18042	1.18042	0.000896304	0.673531	-1.48471	0.0544775	0.840775	-1.18938	0.200632	1.11343	1.11343	8.12291	0.812877	0.0889531	1
cg24342002	NANP	0.00859788	0.881085	1.0271	1.0271	0.113018	0.734838	-1.36084	0.341746	1.19123	1.19123	0.882785	1.0267	1.0267	0.723619	0.938547	-1.06548	0.00120098	0.428478	-2.33384	0.0020208	0.459383	-2.17683	0.00706187	0.536912	-1.8625	0.357243	0.844402	-1.18427	6.20153	3.13388	0.449191	1
cg00696763	NANP	0.0209416	0.0504383	0.640841	-1.56045	0.551055	0.886587	-1.12792	0.0105783	0.526384	-1.89976	0.484623	0.867849	-1.15227	0.00201003	0.419007	-2.38659	0.00727845	0.501159	-1.99537	0.655468	0.914275	-1.09376	0.576603	0.89353	-1.11916	0.0434871	0.629173	-1.58939	4.63143	2.92151	0.560712	1
cg06575763	NANP;NANP	0.0138921	0.545737	1.1863	1.1863	0.00025936	5.36076	5.36076	0.631154	1.14472	1.14472	0.461625	1.23294	1.23294	0.0584586	1.81734	1.81734	0.502415	1.20948	1.20948	0.107685	0.612314	-1.63315	0.604093	1.15738	1.15738	0.581439	1.16833	1.16833	5.31338	6.56967	1.09906	1
cg01429996	NANS	6.20E-08	0.00521443	0.76683	-1.30407	3.74E-06	0.459131	-2.17803	0.000738235	0.691272	-1.44661	0.0459956	1.17906	1.17906	1.30E-05	1.93342	1.93342	1.17E-09	0.112301	-8.90466	0.00192555	0.728905	-1.37192	0.176524	0.901689	-1.10903	0.000710284	1.44984	1.44984	148.478	12.1995	0.0730346	1
cg14451771	NANS	0.00032209	0.000161997	0.302686	-3.30376	0.209271	0.782202	-1.27844	0.0418136	0.646967	-1.54567	0.186214	0.770959	-1.29709	6.12E-06	0.152692	-6.54913	0.903412	0.977718	-1.02279	0.0357799	0.635437	-1.57372	0.271575	0.808612	-1.23669	0.110698	0.724266	-1.38071	16.1331	8.8027	0.485005	1
cg13527921	NANS	0.0140595	0.0592671	0.446855	-2.23786	0.140894	0.549306	-1.82048	0.534498	0.788232	-1.26866	0.111365	0.518916	-1.9271	0.00315507	0.217387	-4.6001	0.23601	0.625165	-1.59958	0.00116841	0.164842	-6.06642	0.00784846	0.275136	-3.63456	0.169253	0.574667	-1.74014	5.29251	11.9943	2.01447	1
cg25479216	NANS	0.0380635	0.403036	1.13468	1.13468	0.104148	1.29994	1.29994	0.00198883	1.90538	1.90538	0.175357	1.23711	1.23711	0.509585	1.10381	1.10381	0.603048	0.925463	-1.08054	0.0769008	0.74793	-1.33702	0.291072	1.17558	1.17558	0.13989	1.2643	1.2643	3.75084	1.29496	0.306886	1
cg12152938	NAP1L1;NAP1L1	0.00147226	0.055212	0.472415	-2.11678	0.115167	0.553783	-1.80576	0.229775	0.647422	-1.54459	0.000475144	0.150592	-6.64048	0.000988952	0.184735	-5.41316	0.00112237	0.1911	-5.23286	0.0954515	1.88131	1.88131	0.946191	0.976982	-1.02356	0.0463108	2.19803	2.19803	10.536	19.8637	1.67583	1
cg26576481	NAP1L1;NAP1L1	0.0020621	0.685739	0.94068	-1.06306	0.000436188	3.22292	3.22292	?	?	?	0.023874	1.57891	1.57891	?	?	?	?	?	?	0.978605	0.995991	-1.00403	0.00229228	0.442825	-2.25823	0.160119	1.26489	1.26489	21.2526	4.62125	0.181204	1
cg19739704	NAP1L1;NAP1L1	0.00442022	0.00740518	0.447394	-2.23517	0.0375813	0.569836	-1.75489	0.00536387	0.425353	-2.35099	0.202436	0.730716	-1.36852	0.00205734	0.363432	-2.75155	0.02187	0.526592	-1.899	0.00220349	0.367698	-2.71962	0.214539	1.35611	1.35611	0.00847699	0.456827	-2.18901	7.61894	6.55818	0.765132	1
cg02388795	NAP1L1;NAP1L1	0.00472813	0.182849	0.7261	-1.37722	0.300214	0.784203	-1.27518	0.230521	0.752144	-1.32953	0.546617	1.14814	1.14814	0.000265084	0.257596	-3.88205	0.00135155	0.348557	-2.86897	0.0618356	0.621135	-1.60996	0.273955	1.29405	1.29405	0.788641	1.06273	1.06273	7.46471	6.06165	0.721813	1
cg07784012	NAP1L1;NAP1L1	0.00583577	0.00661552	0.306039	-3.26756	0.805382	0.920431	-1.08645	0.158364	0.602618	-1.65943	0.763216	0.903501	-1.10681	0.00154117	0.216522	-4.61847	0.00872716	0.325538	-3.07184	0.0010393	0.195724	-5.10923	0.896702	1.04459	1.04459	0.0253316	0.409449	-2.4423	6.99881	12.5042	1.5881	1
cg14761901	NAP1L1;NAP1L1	0.011469	0.15226	0.720655	-1.38763	0.680167	1.09259	1.09259	0.0163656	1.87178	1.87178	0.092131	0.672976	-1.48594	0.015276	0.529257	-1.88944	0.00439264	0.443751	-2.25352	0.00893815	0.491428	-2.03489	0.213297	0.755808	-1.32309	0.358478	0.81733	-1.2235	5.65579	4.08765	0.642433	1
cg20095338	NAP1L1;NAP1L1;NAP1L1;NAP1L1	0.0263544	0.771129	1.04416	1.04416	0.0114457	0.625764	-1.59805	0.0395899	0.702861	-1.42276	0.823734	1.0336	1.0336	0.242182	1.19882	1.19882	0.832951	1.03178	1.03178	0.00417479	1.76591	1.76591	0.511324	0.906025	-1.10372	0.844387	0.971306	-1.02954	4.27778	1.48694	0.308974	1
cg16785050	NAP1L4	0.000222561	0.00678619	1.53055	1.53055	0.079621	1.2662	1.2662	0.000398876	1.98104	1.98104	0.883027	0.982297	-1.01802	0.348749	0.889556	-1.12416	0.151235	1.20512	1.20512	1.80E-05	0.345628	-2.89328	0.340138	1.12667	1.12667	0.0127476	1.45564	1.45564	17.8458	4.16001	0.207208	1
cg07442639	NAP1L4	0.000429747	0.237561	0.889511	-1.12421	0.0255362	0.777943	-1.28544	0.0075445	0.722309	-1.38445	0.890777	0.987083	-1.01309	0.10991	0.847982	-1.17927	0.615618	0.953226	-1.04907	1.71E-05	0.434154	-2.30333	0.00100537	0.630036	-1.58721	0.000256085	0.565673	-1.7678	14.9022	2.11342	0.126061	1
cg20263490	NAP1L4	0.00049187	0.0013929	0.37053	-2.69884	2.74E-05	0.169855	-5.88737	0.267567	0.780701	-1.2809	0.0479602	0.615923	-1.62358	0.867495	1.03644	1.03644	0.001016	0.351791	-2.8426	0.00226919	0.400384	-2.4976	0.101327	1.46895	1.46895	0.362624	0.818268	-1.22209	14.3556	10.4465	0.646836	1
cg25882842	NAP1L4	0.00068465	0.174609	1.29157	1.29157	0.0412043	1.51789	1.51789	0.143568	1.32111	1.32111	0.302047	0.827414	-1.20858	0.250397	0.808304	-1.23716	1.60E-05	0.206531	-4.84189	0.165835	0.769622	-1.29934	0.0346791	0.646412	-1.547	0.0178337	0.600315	-1.66579	13.092	6.50996	0.441998	1
cg08642707	NAP1L4	0.00113027	0.0294469	0.516084	-1.93767	0.00291662	0.34819	-2.87199	0.0202748	0.485814	-2.0584	0.240785	1.37269	1.37269	0.000434931	0.238215	-4.1979	0.00206284	0.326471	-3.06306	0.000260172	0.21237	-4.70877	0.0562957	0.57262	-1.74636	0.00591843	0.395082	-2.53112	11.3641	11.9756	0.936717	1
cg02454483	NAP1L4	0.00140383	0.373	0.745441	-1.34149	0.077103	1.88021	1.88021	0.0134787	2.67127	2.67127	0.779847	1.09419	1.09419	5.57E-05	0.0900229	-11.1083	0.855974	1.0601	1.0601	0.0232558	0.418426	-2.38991	0.786199	1.09126	1.09126	0.0252854	0.425547	-2.34991	10.6811	17.4553	1.45264	1
cg06427502	NAP1L4	0.00191999	0.951012	0.99554	-1.00448	0.966719	0.996969	-1.00304	0.899926	1.0092	1.0092	0.0273569	1.20917	1.20917	0.489344	1.05243	1.05243	0.878365	1.01121	1.01121	1.97E-05	1.87628	1.87628	0.935987	0.994173	-1.00586	0.91173	0.991964	-1.0081	9.75718	0.818104	0.0745301	1
cg08468577	NAP1L4	0.00277814	0.000246151	0.162292	-6.16174	0.288158	1.39249	1.39249	0.00883068	0.367535	-2.72083	0.672763	0.880248	-1.13604	0.172107	0.646358	-1.54713	0.0630442	0.533746	-1.87355	0.000539194	0.198702	-5.03265	0.925348	1.02854	1.02854	0.208247	0.671425	-1.48937	8.75524	12.5006	1.26914	1
cg26513837	NAP1L4	0.00843286	0.267853	0.883628	-1.1317	0.00703416	0.68833	-1.45279	0.00201509	0.626873	-1.59522	0.468662	0.924011	-1.08224	0.282022	0.887066	-1.12731	0.325242	0.896833	-1.11504	0.000538607	0.561582	-1.78068	0.0357874	0.769625	-1.29933	0.384334	0.908817	-1.10033	6.23963	1.13545	0.161755	1
cg26886572	NAP1L4	0.00843861	0.0690034	0.392338	-2.54883	0.0159994	0.257688	-3.88066	0.476507	0.716867	-1.39496	0.781162	0.879806	-1.13661	0.0114813	0.233617	-4.28052	0.324246	0.626184	-1.59697	0.658837	0.815209	-1.22668	0.000903433	9.80929	9.80929	0.658217	0.814882	-1.22717	6.23829	20.8894	2.97651	1

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Proobset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg26093023	NAP1L4	0.0110857	0.011684	2.404742	0.02125	2.0437074	0.595828	-1.67834	0.0447421	0.597764	1.61729	0.02007087	0.5368444	-1.882794	0.08306742	1.404372	-2.47297	0.719096	1.9225O7	-1.084	0.00122151	0.352288	-2.83859	0.0473481	0.6924475	-1.65982	0.42422	0.833179	-1.19983	5.7655	4.55424	0.702145	1
cg21871465	NAP1L4	0.0130903	?	?	?	0.1774538	5.84324	5.84324	0.0814006	3.11418	3.11418	?	?	?	?	?	?	?	?	?	?	0.0220165	5.28982	5.28982	0.196234	17.6095	3.22268	1
cg24512005	NAP1L4	0.0149619	0.0621295	0.735021	-1.36049	0.3953357	1.13609	1.13609	0.599547	0.925278	-1.08076	0.00415785	1.75607	1.75607	0.0170794	0.652999	-1.51314	0.0376994	0.703242	-1.42281	0.0270714	0.681398	-1.46757	0.463273	0.896139	-1.11565	0.9959559	0.999258	-1.00074	5.1846	1.76432	0.302489	1
cg17855991	NAP1L4	0.0170646	0.71311	1.052821	1.052855	0.0298256	0.566566	-1.76504	0.176202	0.757377	0.740941	-1.34964	0.130734	1.255556	0.2255516	0.889315	1.01961	1.019061	0.307952	1.15855	1.15855	0.00719303	1.62228	1.62228	0.4495113	1.13345	1.113345	0.843226	0.972764	-1.028	4.96318	1.52873	0.273791	1
cg21500430	NAP1L4	0.0172126	0.0043826	1.56284	1.562844	0.0462042	1.55619	1.55619	0.111788	1.225535	1.225535	0.995114	0.999282	-1.00072	0.113004	0.816755	-1.22436	0.715297	0.957924	-1.04392	0.235154	1.15721	1.157221	0.131109	1.2108	1.2108	0.0199136	1.39063	1.43685	1.0793	0.193858	1
cg20686392	NAP1L4	0.0213735	0.178335	1.385631	1.385563	0.2466617	0.758566	-1.31828	0.632559	0.895955	-1.11613	0.2257344	0.763682	-1.32045	0.167774	0.715114	-1.39838	0.000396781	0.276323	-3.61895	0.961566	1.01105	1.011051	0.914534	1.02479	1.02479	0.745091	0.928418	-1.07708	4.59024	3.789	0.732295	1
cg16098531	NAP1L4	0.0334351	0.17313	1.868491	-1.15142	0.0311679	0.781928	-1.27889	0.0136566	0.74326	-1.34542	0.3346098	1.10161	1.10161	0.0311723	0.781935	-1.27888	0.155584	0.862603	-1.15928	0.0471271	1.2473	1.2473	0.210669	0.879594	-1.13689	0.2486228	0.889314	-1.12446	3.93149	0.589131	0.133199	1
cg27477607	NAP1L4	0.0354517	0.469539	1.082926	-1.20493	0.0548723	1.73618	1.73618	0.0486279	1.7695	1.7695	0.665119	1.11667	1.11667	0.0901987	0.623266	-1.60445	0.0137093	0.461962	-2.16468	0.119897	0.652093	-1.53352	0.919328	0.720304	-1.3881	0.104124	0.637495	-1.56864	3.84921	3.91091	0.903829	1
cg14210971	NAP1L4	0.0386617	0.0154211	0.713822	-1.40093	0.0379787	0.642243	-1.55704	0.0936877	0.83134	-1.23253	0.0192052	0.725207	1.37892	0.154647	0.888705	-1.12523	0.73118	1.02476	1.04276	0.819155	1.02632	1.02632	0.164011	-1.19032	0.1510114	0.927026	-1.09872	3.72948	0.75974	0.181077	1
cg24601835	NAP1L4	0.0392646	0.7899556	0.962755	-1.03869	0.741529	0.954032	-1.04818	0.473078	0.901449	-1.10933	0.0315343	1.43121	1.43121	0.300752	0.858602	-1.16468	0.0402236	1.40071	1.40071	0.0559055	0.734978	-1.36058	0.0272506	1.44989	1.44989	0.0660996	1.34059	1.70836	1.18721	0.284571	1
cg24890446	NAP1L4	0.0415919	0.0868094	0.776842	-1.28762	0.0545453	1.1916	1.1916	0.0788233	1.033663	-1.03961	0.836091	1.164734	1.164734	0.0350645	0.991775	-1.00829	0.0918839	0.780519	-1.28142	0.0321143	0.561524	-1.78087	0.533145	1.880294	1.880294	0.124764	1.24847	1.63043	1.0253	0.251038	1
cg03029175	NAP1L4	0.0430857	684	1.07847	1.07847	0.1174838	1.36879	1.36879	0.0145267	0.577634	-1.73105	0.952503	1.01106	1.01106	0.604776	0.908113	-1.10118	0.567663	0.898847	-1.11254	0.0439148	0.2182	2.01852	0.845577	0.964642	-1.03665	0.447882	1.1535	1.1535	1.53832	1.93418	0.479816	1
cg14022622	NAP1L4	0.0444843	0.3091558	0.938304	-1.06525	0.0770209	0.773586	1.29125	0.0835392	0.866214	-1.15179	0.0729153	0.862798	-1.15932	0.372205	0.796992	-1.16902	0.0073439	0.774342	-1.29128	0.2606366	0.96348	-1.03833	0.1144808	0.881191	-1.13483	0.6874642	0.970604	-1.03029	5.54076	0.305251	0.059267	1
cg23955171	NAP1L4	0.0456761	0.254919	0.881161	-1.48086	0.1144515	0.714591	-1.3994	0.136262	0.59193	-1.67956	0.5221181	0.810969	-1.23309	0.0028112	0.264586	-3.77948	0.0381408	0.460116	-2.17337	0.411924	0.763544	-1.30968	0.881322	0.95288	-1.04944	0.00977727	0.348106	-2.87269	3.50588	5.79339	1.446871	1
cg13610072	NAP1L5;HERC1	2.68E-05	0.00340284	1.274626	1.27426	0.00753162	0.732637	1.36493	0.0231709	0.941209	0.867409	-1.19776	0.0428451	1.15247	0.550758	0.941158	1.14158	0.000241205	1.44745	1.44745	2.06E-05	2.01765	0.00550748	0.115	0.00025	2.03735	0.0013137	0.338172	1.84161	0.0521784	1
cg00262744	NAP1L5;HERC1	0.00134747	0.4463842	0.7525	1.07525	0.0054205	0.653567	-1.36473	0.0216977	0.763749	-1.31277	0.4757713	0.944656	-1.07014	0.977801	1.0026	1.0026	0.763941	1.02861	1.02861	1.86E-05	1.92562	1.92562	0.0274867	0.7837055	-1.27599	0.5029002	0.950809	-1.05174	11.3153	1.565572	0.122997	1
cg12759554	NAP1L5;HERC1	0.00293803	0.3230464	0.898179	-1.11336	0.0012674	0.609679	-1.64021	0.0194551	0.742909	-1.34606	0.775196	0.10058	1.03058	0.974251	1.0034	1.0034	0.585327	1.05968	1.05968	1.00056505	1.75323	1.75323	0.0269467	0.7591	-1.31735	0.976325	1.00313	1.003113	8.61132	1.50948	0.155813	1
cg05065100	NAP1L5;HERC1	0.0306807	0.398407	1.1131	1.11331	0.0700469	1.24849	1.28469	0.0003757	2.722372	4.494291	-2.0231	0.598364	1.08809	0.140395	0.821556	-1.2172	0.945228	0.991522	-1.00855	0.00559555	1.57345	1.57345	0.0209663	0.708781	-1.41087	0.488632	1.09109	1.09109	8.04	1.95553	0.2162001	1
cg17635114	NAP1L5;HERC1	0.0316159	0.774456	0.9626	-1.03885	0.00772356	0.653068	-1.57643	0.00616938	0.470152	-2.12697	0.0437958	1.26955	1.26955	0.0020346	0.822011	-1.21653	0.951097	1.00817	1.00817	0.0307354	1.54122	1.5412	0.0196646	0.7816617	-1.2794	0.879733	1.9179	0.247801	1
cg06617468	NAP1L5;HERC1	0.00622363	0.33538	1.12275	1.12275	0.0623474	0.78308	-1.27701	0.595888	0.939524	-1.06437	0.334218	0.890403	-1.12309	0.00247865	0.612463	-1.63275	0.561008	0.933782	-1.07091	0.000934991	1.77824	1.77824	0.0641463	0.784697	-1.27438	0.87811	0.982271	-1.01805	6.86112	1.47615	0.191242	1
cg13300791	NAP1L5;HERC1	0.0065152	0.0704705	1.2126	1.2126	0.0164438	0.582436	-1.3092	0.488699	0.93153	-1.06937	0.490789	1.06001	1.06001	0.174811	0.947391	-1.05553	0.274099	1.11444	1.11444	0.0010836	1.58371	1.58371	0.0059548	0.7807796	-1.40886	0.374184	1.09087	1.09087	6.76447	0.974044	0.127995	1
cg27150681	NAP1L5;HERC1	0.00840886	0.0987072	1.18364	1.18364	0.0856989	0.837891	-1.19347	0.0627467	0.822847	-1.21529	0.233834	0.890277	-1.13225	0.883705	0.986463	-1.01372	0.110563	1.75176	1.75176	0.0013305	1.54424	1.54424	0.0150779	0.757197	-1.32006	0.334683	1.09707	1.09707	6.24525	0.857638	0.122068	1
cg18607468	NAP1L5;HERC1	0.013172	0.0138608	1.2511	1.20753	0.0292583	0.772545	-1.29125	0.0209266	0.816378	-1.23079	0.0139442	0.928229	1.077	0.188144	1.15041	1.15041	0.674683	1.08625	1.08625	0.0001754	2.12717	2.12717	0.0012552	0.8547099	-1.16987	0.628936	1.04213	1.04213	5.33516	0.843033	0.124124	1
cg01578057	NAP1L5;HERC1	0.0146507	0.578506	1.019405	-1.08766	0.00505619	0.574051	-1.74201	0.0541901	0.720961	-1.38703	0.87662	0.977006	-1.02354	0.965606	0.993565	1.00648	0.67468	1.06525	1.06525	0.00385115	1.79337	1.79337	0.0265401	0.674956	-1.48245	0.841369	0.970442	-1.03046	5.22118	1.8538	0.315604	1
cg19151808	NAP1L5;HERC1	0.017912	0.25676	1.17205	1.17205	0.0265126	0.702754	-1.58252	0.142298	0.547005	-1.81502	-1.17626	0.822076	0.970243	-1.03067	0.504405	1.09511	1.09511	0.881706	1.02017	1.02017	0.00384505	1.68623	1.68623	0.0090829	0.641046	-1.55995	0.328235	1.07341	-1.14494	1.83817	1.39124	0.253249	1
cg23954636	NAP1L5;HERC1;NAP1L5	0.00209837	0.0586219	1.035975	1.03509	0.0175046	0.675444	-1.49052	0.173016	0.899916	0.92712	-1.07905	0.9944656	-1.01714	0.977801	1.0026	1.0026	0.360777	1.07012	1.07012	0.0003444	1.46572	1.46572	0.0156643	0.8540651	-1.1701	0.578387	0.959994	-1.04167	6.70982	0.796468	0.074462	1
cg18772071	NAP1L5;HERC1;NAP1L5	0.00538152	0.2163384	0.634511	-1.57602	0.30572	0.690174	-1.44891	0.0013999	0.198256	-5.04397	0.449109	1.30956	1.30956	0.242991	0.652338	-1.53295	0.0107557	0.326112	-3.06643	0.000285159	0.125951	-7.9396	0.415327	0.74743	-1.33792	0.269215	0.668766	-1.49529	7.17534	1.89311	1.7211	1
cg01134175	NAP1L5;HERC1;NAP1L5	0.0154104	0.1233438	1.12638	1.12638	0.0423211	0.804638	-1.24279	0.402357	0.923472	-1.08287	0.503191	1.02652	1.02652	0.938792	1.0052	1.0052	0.733685	1.03226	1.03226	0.0001933	1.82995	1.82995	0.0128407	0.7388728	-1.35354	0.894838	0.987728	-1.01242	5.56161	0.702792	0.121665	1
cg08147330	NAP1L5;HERC1;NAP1L5	0.0353679	0.197003	0.684485	-1.46095	0.64875	0.88033	-1.13594	0.0942438	0.536805	-1.86607	0.682951	1.12091	1.12091	0.0993564	0.404516	-2.47209	0.003165117	0.326069	-3.06684	0.27721	0.84984	-1.17682	0.743249	1.09566	1.09566	0.852552	1.71332	1.0875	0.0839	0.714438	1
cg18423110	NAP1L6	0.00303197	0.146377	0.688833	-1.45173	0.667785	0.901919	-1.10875	0.00617917	0.42579	-2.34857	7.53E-05	0.175511	-5.5707	1.84E-05	0.12398	-8.06582	0.0154402	0.491399	-2.03501	0.00498169	0.411185	-2.432	0.5945	0.940595	0.852147	-1.17351	0.00160751	0.339043	-2.94948	16.4215	14.8667	0.804731	1
cg01441225	NAP1L6	0.0092157	0.0092157	0.6796	0.67978	0.0028115	0.867464	-1.2582	0.0242327	0.8542	1.18794	0.44803	-1.25235	0.882327	0.8542	1.18794	0.44803	0.0217558	0.6955	0.6955	0.0007358	0.488483	-1.05122	0.0480758	0.56103	0.856751	1.16425	1.12595	0.27.688	4.64438	3.2	0.689	1
cg26557308	NAP1L6	0.0266116	0.0365023	0.159955	-6.25177	0.626884	2.44674	1.44674	0.900337	0.917684	-1.08957	0.150418	0.560498	-1.78413	0.703138	0.770344	1.29812	0.0392811	0.165554	-6.04033	0.01146659	0.0920578	10.86227	0.0107342	1.21192	11.2192	0.386859	1.95207	1.95207	0.426326	38.3964	8.00564	1
cg26880073	NAP1L6	0.0035634	0.0988008	1.2511	1.20753	0.0292583	0.772545	-1.29125	0.0209266	0.816378	-1.23079	0.0139442	0.928229	1.077	0.188144	1.15041	1.15041	0.674683	1.08625	1.08625	0.0001754	2.12717	2.12717	0.0012552	0.8547099	-1.16987	0.628936	1.04213	1.04213	5.33516	0.843033	0.124124	1
cg15139906	NAPA	0.0147992	0.0227528	1.44128	1.44128	0.524697	1.09028	1.09028	0.000689047	2.00331	2.00331	0.812512	1.03237	1.03237	0.0322178	1.39981	1.39981	0.744039	1.04491	1.04491	0.607272	0.932846	-1.07199	0.327151	1.14527	1.14527	0.0110093	1.5337	1.5337	5.20383	1.48183	0.253118	1
cg02429684	NAPA	0.0160274	0.256038	0.847996	-1.17925	0.283343	1.16767	1.16767	0.00863798	1.59299	1.59299	0.0494507	0.732149	-1.36584	0.151153	0.807414	-1.23852	0.0222673	1.46372	1.46372	0.453847	1.11194	1.11194	0.00811018	1.60223	1.60223	0.457551	1.11094	1.11094	5.06811	1.55229	0.272253	1
cg22307009	NAPA	0.0164831	0.5646831	0.9127	1.09551	0.0282583	0.772545	-1.29125	0.0209266	0.816378	-1.23079	0.0139442	0.928229	1.077	0.188144	1.15041	1.15041	0.674683	1.08625	1.08625	0.0001754	2.12717	2.12717	0.0012552	0.8547099	-1.16987	0.628936	1.04213	1.04213	5.33516	0.843033	0.124124	1
cg13236854	NAPA	0.0421624	0.189436	0.887752	-1.12644	0.00486234	0.726289	-1.37686	0.988913	0.998811	-1.00119	0.378235	0.88051	0.881052	0.961552	0.937814	1.06631	0.717388	1.03234	1.03234	0.027255	0.799479	-1.25081	0.0587802	1.20062	1.20062	0.840773	1.01738	1.01738	3.61215	0.41972	0.103286	1
cg13775575	NAPA;NAPA	0.0081985	0.1839553	1.12638	1.12638	0.0423211	0.804638	-1.24279	0.402357	0.923472	-1.08287	0.503191	1.02652	1.02652	0.938792	1.0052	1.0052	0.509204	1.08306	1.08306	0.1235	1.31382	1.38477	0.857436	1.14024	1.14024	0.182924	1.1954	1.42406	1.19054	0.182466	0.710792	0.121665	1
cg22387994	NAPA;NAPA	0.0278012	0.891085	0.586323	-1.01387	0.431661	1.08401	1.08401	0.087359	1.2089	1.2089	0.940603	1.00751	1.00751	0.724157	0.846158	1.18181	0.968203	1.04001	1.04001	0.799602	0.974755	-1.0259	0.153395	1.16609	1.16609	0.008088577	1.66189	1.66189	4.93983	0.671794	0.142236	1
cg18353178	NAPB	0.00071449	0.596574	0.873098	-1.14535	0.211495	1.39709	1.39709	0.216321	1.39169	1.39169	9.33E-06	0.0879216	-11.3738	0.851082	1.0489	1.0489	0.178158	0.695276	-1.43828	0.177785	0.695031	-1.43878	0.184486	1.42987	1.42987	0.459004	1.211111	1.211111	12.9364	13.2219	0.90851	1
cg18456149	NAPB	0.0133546	0.0092157	0.6796	0.67978	0.0028115	0.867464	-1.2582	0.0242327	0.8542	1.18794	0.44803	-1.25235	0.882327	0.8542	1.18794	0.44803	0.0217558	0.6955	0.6955	0.0007358	0.488483	-1.05122	0.0480758	0.56103	0.856751	1.16425	1.12595	0.27.688	4.64438	3.2	0.689	1
cg03027037	NAPB	0.00227191	0.113882	0.743436	-1.34515	0.542279	1.11218	1.11218	0.000173194	3.00134	3.00134	0.637536	1.08793	1.08793	0.470846	1.13478	1.13478	0.291727	1.20752	1.20752	0.0009576	0.428251	-2.33508	0.467129	0.880259	-1.13603	0.585837	1.09948	1.09948	4.29804	4.37102	0.418256	1
cg24165121	NAPB	0.0454944	0.0447707	0.743637	1.34515	0.0542279	1.11218	1.11218	0.0173194	3.00134	3.00134	0.637536	1.08793	1.08793	0.470846	1.13478	1.13478	0.119864	1.27209	1.27209	0.0003457	0.2009	-4.97863	0.0960116	0.7158145	1.14468	1.14468	0.35673	-2.80324	0.8660116	0.715187	1.77187	0.0731658	0.580846	0.704462	1
cg16502049	NAPB	0.00813972	0.199158	1.3283	1.3283	0.0133429	1.89923	1.89923	0.486442	1.15949	1.15949	0.101984	0.687587	-1.45436	0.312186	0.8035	-1.24456	0.0006566282	0.335352	-2.98194	?	?	0.605905	1.11506	1.11506	0.459937	0.853082	-1.17222	6.43881	3.96943	0.616486	1
cg18456149	NAPB	0.0133546	0.092016	1.02021	1.02021	0.0024317	0.804638	-1.24279	0.402357	0.923472	-1.08287	0.503191	1.02652	1.02652	0.938792	1.0052	1.0052	0.733685	1.03226	1.03226	0.0001933	1.82995	1.82995	0.0128407	0.7388728	-1.35354	0.894838	0.987728	-1.01242	5.56161	0.702792	0.121665	1
cg08147330	NAPB	0.0353679	0.197003	0.684485	-1.46095	0.64875	0.88033	-1.13594	0.0942438	0.536805	-1.86607	0.682951	1.12091	1.12091	0.0993564	0.404516	-2.47209	0.003165117	0.326069	-3.06684	0.27721	0.84984	-1.17682	0.743249	1.09566	1.09566	0.852552	1.71332	1.0875	0.0839	0.714438	1
cg02693125	NAPB	0.0332842	0.143676	0.52291	-1.91237	?	?	?	0.00251998	0.177123	-5.64581	0.0193015	0.311061	-3.2148	0.670748	0.838227	-1.19299	0.285533	0.632718	1.58048	0.553262	1.28155	1.28155	?	?	?	0.999365	1.00033	0.0836	8.56607	2.39734	1
cg27115996	NAPEPLD;NAPEPLD	0.0060637	0.1661391	1.59528	1.59528	0.0055989	0.330346	-3.02713	0.000139007	0.125904	-7.94225	0.0049399	0.210595	-4.74971	0.0013496	0.144992	-6.89755	0.0387997	0.810356	1.23329	0.0010362	0.299174	2.69517	0.279053	3.58274	0.790261	1.26534	0.0312124	0.625031	1.9011	3.78953	0.511551	0.615865	1
cg16920070	NAPEPLD;NAPEPLD	0.0106351	0.195281	1.59528	1.59528	0.0055989	0.369478	-2.70652	0.633175	1.14066	1.14066	0.00024876	2.53321	5.23321	0.0218128	0.470759	2.12423	0.018743	2.18067	2.18067	0.11159	0.622309	-1.60692	0.0837527	0.592253	-1.68847	0.00054421	0.453555	4.35355	13.3899	15.8871	1.05466	1
cg08359594	NAPEPLD;NAPEPLD	0.0003875	0.0090387	1.84709	0.215519	0.0455413	0.165232	-6.0522	0.0170007	0.283658	-3.52422	0.0133915	2.72099	2.72099	0.0124952	0.0850157	0.534592	-1.87059	0.487556	1.1967	1.1967	0.0484222	0.738275	1.35476	0.0313255	0.579813	-1.73066	0.0068792	1.96157	1.95376	0.70307	6.2855	1.52234	1
cg07392482	NAPG	0.0034543	0.1240151	1.360055	-1.73183	0.0544533	1.02154	1.02154	0.00224056	2.020395	2.020395	0.184084	0.00352443	0.228335	-4.37954	0.000204306	0.0979221	2.12222	0.722268	1.38431	0.160163	0.107044	9.34126	0.0107342	1.21192	11.2192	0.386859	1.95207	1.95207	0.426326	38.3964	8.00564	1
cg21707323	NAPG	0.0050537	0.108587	1.30911	1.30911	0.0221725	1.9433	1.9433	0.0562712	1.39468	1.39468	0.00197974	0.510442	-1.95909	0.250038	0.83182	-1.20218	0.807373	1.03831	1.03831	0.660163	1.07046	1.07046	0.11395	1.30296	1.30296	0.0140585	1.5945	1.5945	7.31469	2.74362	0.333407	1
cg12667888	NAPG	0.0215062	0.0221954	0.840785	-1.18945	0.2042514	1.16913	1.16913	0.0178	1.24578	1.24578	?	?	?	0.0004054	0.2009	-4.97863	0.964429	1.01339	1.01339	0.435546	1.26781	1.26781	0.188501	1.51528	1.51528	0.146274	0.628024	-1.5923	6.02194	5.66724	1.25252	1
cg26847156	NAPG	0.0313792	0.078203	0.557863	-1.79255	0.0105709	0.38318	-2.60974	0.00497819	0.329929	-3.03096	0.632909	1.15435	1.15435	0.179179	0.653365	-1.53054	0.364429	1.03139	1.03139	0.435546	1.26781	1.26781	0.188501	1.51528	1.51528	0.146274	0.628024	-1.5923	6.02194	5.66724	1.25252	1
cg17993428	NAPG;NAPG	0.0079858	0.0078355	0.945164	-1.05802	0.446577	0.907114	-1.1024	0.162939	0.76516	-1.30636	0.0122885	0.673973	-1.48374	0.0122885	0.673973	-1.48374	0.859565	0.96549	-1.03574	0.0212185	1.68328	1.68328	0.216974	0.783322	-1.27661	0.163377	0.756041	-1.32268	4.10407	4.37756	0.497542	1
cg26456183	NAPRT1	0.0028166	0.0242581	0.644434	-1.55127	0.0963952	0.709509	-1.40942	0.0403113	0.640616	-1.561	0.662522	1.08606	1.08606	0.0106061	0.546525	-1.82974	0.859565	0.96549	-1.03574	0.0212185	1.68328	1.68328	0.216974	0.783322	-1.27661	0.163377	0.756041	-1.32268	4.10407	4.37756	0.497542	1
cg26456183	NAPSA	3.98E-06	0.0003011	0.289854	-3.45001	0.00170243	2.23787	2.23787	8.62E-05	0.281672	-3.55023	0.53946	1.11815	1.11815	1.81E-07	0.0561683	-17.8036	0.0010372	0.282316	-3.54262	0.0001359	0.4702	-2.12686	0.0017052	0.315142	-3.17038	0.00765138	2.34979	2.34979	0.584585	36.3066	0.938813	1
cg26747330	NAPSA	3.81E-05	0.0091003	0.7181	0.718103	0.0173443	2.74111	2.74111	0.0010657	0.425993	-2.34723	0.0001423	0.359278	0.0894455	0.61975	1.61355	0.0002169	0.0017428	0.359794	2.52657	0.063179	0.545439	1.83355	0.0102722	0.282316	3.54262	0.0001359	0.4702	-2.12686	0.0017052	0.315142	-3.17038	0.00765138	2.34979	2.34979	0.584585	36.3066	0.938813	1
cg08194323	NAPSA	0.0020234159	0.437774	1.1792	1.1792	0.0399231	2.24346	2.24346	0.113833	0.69889	-1.43084	0.653845	1.09856	1.09856	3.09E-05	0.183796	5.44081	0.001774	0.395794	2.52657	0.063179	0.545439	1.83355	0.0102722	0.282316	3.54262	0.0001359	0.4702	-2.12686	0.0017052	0.315142	-3.17038	0.00765138	2.34979	2.34979	0.584585	36.3066	0.938813	1
cg19901005	NAPSA	0.0014173	0.0636294	0.64549	-1.54934	0.1523	1.33556	1.33556	0.0122128	0.748958	-1.33548	0.0633179	0.543529	-1.83188	0.176098	0.672122	-1.48784	0.0001726	0.312218	3.20207	0.0013844	0.496	-2.01978	0.0013002	0.313757	3.18703	0.0001359	0.4702	-2.12686	0.0017052	0.315142	-3.17038	0.00765138	2.34979	2.34979	0.584585	36.3066	0.938813	1
cg00297876	NAPSA	0.0020186	0.0270678	3.93493	3.93491	0.133033	2.34609	2.34609	0.056725	0.321502	-3.1104	0.605816	1.31508	1.31508	0.000927713	0.0741411	-13.4878	0.0365382	0.27845	-3.59131	0.00103191	12.9105	12.9105	0.217473	0.502564	-1.97916	0.102937	2.55663	2.55663	9.61588	42.1607	3.89733	1
cg22018083	NAPSA	0.00257156	0.306592	1.51647	1.51647	0.0917969	2.07552	2.07552	0.107661	0.501253	-1.995	0.0629674	2.27702	2.27702	0.0207142	0.157098	-6.3647	0.0098256	2.40044	7.20386	0.000916543	7.02143	7.02143	0.403154	0.714234	-1.4001	0.0349449	2.62951	2.62951	8.57228	21.9529	2.17853	1
cg03042590	NAPSA

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15797286	NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1	7.89E-06	0.000141707	0.370202	-2.70123	0.010366	0.629745	-1.58794	0.00567034	0.592495	-1.68778	2.20E-06	0.154072	-6.49047	1.14E-06	0.127629	-7.83523	0.0505042	1.36884	1.36884	0.000355338	0.424495	-2.35574	0.0532788	0.734089	-1.36223	5.09E-06	0.191716	-5.21604	61.3688	18.1188	0.229634	1
cg15138846	NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1	0.0171836	0.811422	1.10514	1.10514	0.216379	1.72304	1.72304	0.31862	0.649796	-1.53895	0.0625464	0.416187	-2.40276	0.0111614	0.264405	-3.78208	0.101314	0.472192	-2.11778	0.00110769	0.133931	-7.46654	0.992376	0.996012	-1.004	0.0741328	0.435031	-2.29869	4.95165	13.7183	2.46261	1
cg21363706	NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1	0.0216901	0.100496	1.47203	1.47203	0.164941	1.37484	1.37484	0.779439	1.06219	1.06219	0.876897	1.03387	1.03387	0.353131	1.22791	1.22791	0.0457449	1.63586	1.63586	0.00123224	2.76039	2.76039	0.00403051	2.29359	2.29359	0.56499	1.13316	1.13316	4.57614	3.34693	0.650122	1
cg22904102	NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1	0.00759404	0.015823	0.334905	-2.98592	0.078671	0.485439	-2.05999	0.000798065	0.153522	-6.51373	0.225262	0.62419	-1.60208	0.00545927	0.2586	-3.86697	0.240742	0.634773	-1.57537	0.0745816	0.479485	-2.08557	0.19515	1.66041	1.66041	0.00930333	0.294948	-3.39043	6.44878	13.9861	1.92782	1
cg07470176	NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1	0.0283437	0.0199424	0.304109	-3.2883	0.00659394	0.224302	-4.45828	0.145432	0.515598	-1.93949	0.62571	0.811961	-1.23159	0.949198	1.02737	1.02737	0.0486371	0.385057	-2.59702	0.443009	1.39296	1.39296	0.186678	0.552586	-1.80967	0.00551797	0.213177	-4.69093	4.16981	11.8581	2.52783	1
cg01029926	NAT2	0.000232209	0.0543843	0.570248	-1.75362	0.000874931	0.276854	-3.61201	0.000268839	0.214782	-4.65588	5.64E-05	0.14582	-6.85778	0.00113465	0.291679	-3.42843	0.763081	0.925158	-1.0809	0.00017872	0.195297	-5.12042	0.126869	0.653859	-1.52938	0.000331912	0.225242	-4.43968	17.641	18.4989	0.932117	1
cg17522953	NAT2	0.000385775	0.753288	0.954578	-1.04758	0.00687547	0.596941	-1.67521	0.000694953	0.466305	-2.14452	6.83E-05	0.341723	-2.92635	9.55E-05	0.359099	-2.78475	0.275803	0.846083	-1.18192	0.700376	1.05866	1.05866	0.985783	1.00263	1.00263	0.00179082	0.519372	-1.9254	15.3526	5.28503	0.305993	1
cg14494313	NAT2	0.00426384	0.0216283	0.555313	-1.80079	0.00107859	0.357147	-2.79996	0.133056	0.707762	-1.4129	0.306159	0.797741	-1.25354	0.0123803	0.514756	-1.94267	0.503424	0.865173	-1.15584	0.0635384	1.5604	1.5604	0.902255	0.974136	-1.02655	0.00078097	0.338334	-2.95566	7.70249	5.54924	0.640397	1
cg18736775	NAT2	0.0114544	0.018986	0.563151	-1.77572	0.00521466	0.474649	-2.10682	0.0736827	0.668246	-1.49645	0.483618	0.865955	-1.15479	0.449978	1.16839	1.16839	0.162458	0.739716	-1.35187	0.0247842	1.71644	1.71644	0.450451	1.16819	1.16819	0.0074435	0.498177	-2.00732	5.65812	3.66258	0.575389	1
cg19910147	NAT2	0.0284882	0.225879	0.784423	-1.27482	0.00106965	0.397363	-2.51659	0.0167027	0.572464	-1.74683	0.233849	0.787975	-1.26908	0.618825	0.908683	-1.10049	0.354777	1.19932	1.19932	0.946512	0.987272	-1.01289	0.523399	1.13142	1.13142	0.741102	0.938659	-1.06535	4.16234	2.40299	0.51317	1
cg12639234	NAT2	0.0393721	0.0394521	0.483464	-2.06841	0.0110903	0.378466	-2.64224	0.0402896	0.485393	-2.06019	0.642886	1.1531	1.1531	0.939488	1.02343	1.02343	0.681611	0.881745	-1.13411	0.0163022	0.408177	-2.44992	0.354871	0.747986	-1.33692	0.0157133	0.405265	-2.46752	3.70464	5.46112	1.31034	1
cg00593212	NAT2	0.0448008	0.0124341	0.51158	-1.95473	0.888274	1.03075	1.03075	0.160868	1.38085	1.38085	0.264875	0.778513	-1.2845	0.658498	0.908609	-1.10058	0.605313	0.893756	-1.11887	0.0275557	1.75326	1.75326	0.869647	0.965231	-1.03602	0.02504	0.563044	-1.77606	3.53139	2.59648	0.653564	1
cg20912205	NAT6;HYAL3	9.43E-05	0.939728	1.01556	1.01556	1.13E-05	6.71145	6.71145	0.000118139	3.95745	3.95745	4.30E-05	4.88435	4.88435	0.798122	0.949022	-1.05372	0.00226098	2.39233	2.39233	0.281717	0.795824	-1.25656	0.767849	0.941361	-1.06229	0.098711	1.44716	1.44716	22.4892	14.8432	0.58668	1
cg07544392	NAT8	0.0199545	0.185738	0.765334	-1.30662	0.226088	1.27415	1.27415	0.0154536	0.56761	-1.76177	0.0969392	0.706613	-1.4152	0.151437	1.3404	1.3404	0.0376457	1.58347	1.58347	0.00742439	1.92953	1.92953	0.666889	1.08604	1.08604	0.672994	0.922276	-1.08427	4.70821	2.70906	0.511459	1
cg19565262	NAT8	0.0209081	0.0400765	0.265991	-3.75953	0.895777	0.929454	-1.0759	0.385364	0.608497	-1.64339	0.0249359	0.225477	-4.43504	0.00116085	0.0697387	-14.3392	0.106082	0.373354	-2.67842	0.0235815	0.221107	-4.5227	0.670665	0.7876	-1.26968	0.0247178	0.224784	-4.44871	4.63396	22.8674	4.38645	1
cg15060346	NAT8	0.0233812	0.283867	0.809198	-1.23579	0.124302	0.727223	-1.37509	0.163792	0.752957	-1.3281	0.00329401	0.451007	-2.21726	0.00375994	0.459972	-2.17405	0.656817	1.0883	1.0883	0.039401	0.630657	-1.58565	0.496985	1.1396	1.1396	0.0681151	0.674956	-1.48158	4.94594	2.74057	0.43097	1
cg23103346	NAT8	0.0329602	0.0334086	0.199828	-5.0043	0.0288752	0.18839	-5.30813	0.0215222	0.167177	-5.98167	0.0787183	0.282253	-3.54293	0.0066309	0.101997	-9.80418	0.0176829	0.154243	-6.48326	0.0419471	0.219021	-4.56578	0.238513	0.449426	-2.22506	0.0522369	0.239228	-4.18011	3.95176	26.2669	5.90833	1
cg15701317	NAT8	0.0384991	0.574504	1.09083	1.09083	0.0627511	1.37838	1.37838	0.126185	0.776018	-1.28863	0.212588	1.22287	1.22287	0.0164691	1.56695	1.56695	0.0361287	1.45278	1.45278	0.077802	1.35036	1.35036	0.0137497	1.59491	1.59491	0.745604	0.951333	-1.05116	3.73525	1.38948	0.330658	1
cg21376120	NAT8;NAT8	5.68E-06	0.345401	0.916833	-1.09071	0.000112449	1.83375	1.83375	4.63E-07	0.281197	-3.55623	0.273866	0.903266	-1.10709	0.00412004	0.709074	-1.41029	0.000327486	0.595331	-1.67974	2.83E-05	0.479153	-2.08702	0.340777	1.09168	1.09168	6.67E-05	0.52045	-1.92141	46.9633	5.93819	0.112394	1
cg02105352	NAT8B	0.0250965	0.0352885	0.245015	-4.08138	0.0354409	0.245393	-4.0751	0.0103296	0.156676	-6.38259	0.109235	0.367173	-2.72351	0.0190969	0.196459	-5.09011	0.14399	0.406357	-2.46089	0.00363517	0.104631	-9.55737	0.201062	0.460867	-2.16982	0.0229648	0.210022	-4.7614	4.3514	22.6813	4.63326	1
cg16417840	NAT8L	0.000323926	0.00316624	1.54812	1.54812	0.00263261	1.57032	1.57032	0.00129615	1.66196	1.66196	0.0321411	1.31266	1.31266	0.000148296	0.493159	-2.02774	0.0247314	1.33619	1.33619	0.000678176	1.75607	1.75607	0.0958117	1.21932	1.21932	0.946837	1.00725	1.00725	16.1079	2.99768	0.165422	1
cg23855319	NAT8L	0.00169483	0.890523	1.02127	1.02127	0.863421	1.02667	1.02667	0.00376994	1.81767	1.81767	5.13E-05	3.18643	3.18643	0.277561	1.18839	1.18839	0.512992	0.903562	-1.10673	0.136024	0.782277	-1.27832	0.296092	0.847382	-1.1801	0.0259062	1.49814	1.49814	10.1167	3.74351	0.328918	1
cg06913330	NAT8L	0.00650889	0.976498	0.992579	-1.00748	0.00106399	3.39822	3.39822	0.00321577	2.76389	2.76389	0.127874	0.659547	-1.51619	0.832978	1.05485	1.05485	0.270197	1.33681	1.33681	0.171188	0.69185	-1.4454	0.059816	0.584519	-1.71081	0.0766585	1.64524	1.64524	6.7665	6.85105	0.899996	1
cg12179884	NAT8L	0.0073756	0.314983	0.7474	-1.33797	0.114707	1.61719	1.61719	0.325251	1.32928	1.32928	0.00560231	2.77103	2.77103	0.0112472	0.410711	-2.4348	0.00564016	0.361338	-2.76749	0.0145252	0.430129	-2.32488	0.572427	0.852284	-1.17332	0.570562	0.851608	-1.17425	6.508	8.09324	1.10541	1
cg19300568	NAT8L	0.019676	0.0645028	0.760798	-1.31441	0.0262525	0.706784	-1.41486	0.170833	1.21164	1.21164	0.0952386	1.27291	1.27291	0.593957	0.931617	-1.0734	0.376671	1.12684	1.12684	0.00338774	0.591869	-1.68956	0.137364	0.810068	-1.23446	0.0792624	0.773778	-1.29236	4.73072	1.29834	0.243955	1
cg15875437	NAT8L	0.0233526	0.00230767	0.430305	-2.32394	0.17555	1.33011	1.33011	0.139471	1.37018	1.37018	0.0196338	0.572191	-1.74767	0.967907	0.992064	-1.008	0.182329	0.755553	-1.32353	0.161507	0.743717	-1.3446	0.564005	1.12244	1.12244	0.487949	1.14975	1.14975	4.46138	2.7712	0.552137	1
cg08211091	NAT8L	0.0313167	0.790288	0.930703	-1.07446	0.324412	1.31548	1.31548	0.0884486	1.65936	1.65936	0.148225	1.51875	1.51875	0.00237943	0.319402	-3.13085	0.048774	0.545332	-1.83375	0.600795	1.15287	1.15287	0.58755	0.862816	-1.159	0.662847	1.12547	1.12547	4.02481	4.62757	1.02201	1
cg20656751	NAT8L	0.0410362	0.168103	1.09158	1.09158	0.00862328	0.81889	-1.22117	0.552879	0.96482	-1.03646	0.343318	1.05997	1.05997	0.639189	0.972223	-1.02857	0.506551	1.04102	1.04102	0.0287685	1.16632	1.16632	0.340572	1.06034	1.06034	0.0540571	0.877705	-1.13933	3.64855	0.205646	0.0501011	1
cg09489234	NAT9	0.0109151	0.420947	0.849485	-1.17718	0.716419	1.07506	1.07506	0.0179708	1.76906	1.76906	0.808153	1.04945	1.04945	0.00834249	0.51229	-1.95202	0.006761	0.498292	-2.00686	0.026702	0.59396	-1.68362	0.275201	1.25262	1.25262	0.0300016	0.602606	-1.65946	5.74684	3.583	0.554199	1
cg06126809	NAT9	0.0273528	0.0766624	1.87683	1.87683	0.307597	1.40168	1.40168	0.0181222	2.50314	2.50314	0.104944	1.7621	1.7621	0.126302	0.589293	-1.69695	0.475911	0.793123	-1.26084	0.529609	1.22582	1.22582	0.00229276	3.90756	3.90756	0.67252	1.14561	1.14561	4.22238	6.83611	1.43913	1
cg07999988	NAV1	1.82E-05	0.0159709	0.618152	-1.61772	0.00183857	2.05725	2.05725	0.000341308	0.390404	-2.56145	5.30E-05	0.292067	-3.42387	4.75E-05	0.286665	-3.48839	0.172338	1.26724	1.26724	1.13E-05	0.218545	-4.57572	0.00106164	2.20144	2.20144	0.00711037	0.567257	-1.76287	34.7292	14.6226	0.374264	1
cg07599786	NAV1	0.000564588	0.0238442	1.48098	1.48098	0.0959366	0.766222	-1.3051	0.000236365	2.42843	2.42843	5.86E-05	2.95614	2.95614	0.828507	0.968902	-1.0321	0.600944	0.926024	-1.07989	0.273979	1.18031	1.18031	0.270055	1.18205	1.18205	0.00113111	2.00907	2.00907	13.8161	4.64065	0.298566	1
cg04287574	NAV1	0.000819067	0.81452	1.05013	1.05013	0.0223586	0.565701	-1.76772	0.00577555	2.12289	2.12289	0.000172776	3.77212	3.77212	0.00696855	0.483585	-2.06789	0.163287	0.733664	-1.36302	0.0473108	0.623534	-1.60376	0.453568	1.17223	1.17223	0.00429803	2.21394	2.21394	12.4493	8.54182	0.609894	1
cg17123676	NAV1	0.00135339	0.0702153	1.53365	1.53365	0.0029451	2.36964	2.36964	0.000356301	3.35702	3.35702	0.000465453	3.19973	3.19973	0.385702	1.20671	1.20671	0.653533	1.10017	1.10017	0.242703	0.772341	-1.29476	0.000834389	2.89363	2.89363	0.395573	1.20182	1.20182	10.7939	7.63229	0.628527	1
cg04179952	NAV1	0.00137779	0.65024	1.11877	1.11877	0.320702	0.777042	-1.28693	0.198046	1.39721	1.39721	2.91E-05	7.50763	7.50763	0.511579	0.849012	-1.17784	0.963787	1.01122	1.01122	0.00419625	2.56739	2.56739	0.471792	1.19717	1.19717	0.0111606	2.18587	2.18587	10.7387	10.281	0.851002	1
cg09358973	NAV1	0.00178091	0.00424158	1.79597	1.79597	0.05325	0.714665	-1.39926	0.760708	1.04784	1.04784	0.000118464	2.80234	2.80234	0.193682	1.23416	1.23416	0.670904	0.936706	-1.06757	0.863603	0.974039	-1.02665	0.00973504	0.606406	-1.64906	0.775487	0.957198	-1.04472	9.97256	3.69639	0.329472	1
cg10975391	NAV1	0.00332267	0.00365491	0.295861	-3.37997	0.0849306	1.80436	1.80436	0.319485	0.727074	-1.37538	0.06984	0.533616	-1.87401	0.000181104	0.140485	-7.11821	0.356239	1.34176	1.34176	0.0874248	0.557338	-1.79424	0.406316	1.30108	1.30108	0.0868166	0.556582	-1.79668	8.30181	12.6201	1.35126	1
cg24253904	NAV1	0.00596952	0.105862	0.572739	-1.746	0.365276	0.745637	-1.34114	0.437406	0.778837	-1.28397	0.767996	1.09783	1.09783	0.000354855	0.163726	-6.10775	0.684538	1.13755	1.13755	0.00804329	0.342565	-2.91916	0.0273217	2.27941	2.27941	0.0783827	0.539594	-1.85324	6.95008	10.9586	1.40156	1
cg05695937	NAV1	0.00670564	0.599472	1.15598	1.15598	0.599882	0.865208	-1.15579	0.046571	1.86532	1.86532	0.00460474	2.80526	2.80526	0.271571	1.36762	1.36762	0.730061	0.909605	-1.09938	0.000511241	0.226678	-4.41155	0.645176	1.13522	1.13522	0.60445	1.15366	1.15366	6.7042	7.94446	1.05333	1
cg03400139	NAV1	0.00811569	0.097085	0.603185	-1.65787	0.00252961	0.312333	-3.20171	0.759657	0.918342	-1.08892	0.126635	1.58202	1.58202	0.0039172	0.340315	-2.93845	0.232402	0.706338	-1.41575	0.00826533	0.391578	-2.55377	0.00687102	0.378463	-2.64226	0.128889	0.634087	-1.57707	6.31554	7.70868	1.08497	1
cg00313914	NAV1	0.0117534	0.596929	0.880782	-1.13535	0.0972859	0.648662	-1.54164	0.455871	1.19799	1.19799	0.000419879	3.78096	3.78096	0.1196	0.66917	-1.49439	0.397998	0.813959	-1.22856	0.855976	1.04416	1.04416	0.153795	0.695431	-1.43796	0.259151	1.32316	1.32316	5.61114	5.02816	0.796537	1
cg12468255	NAV1	0.0122985	0.918195	0.97185	-1.02896	0.053286	1.84082	1.84082	0.0171195	2.24263	2.24263	0.236014	0.708129	-1.41217	0.00271265	0.316289	-3.16167	0.14379	0.646279	-1.54732	0.0162353	0.441741	-2.26377	0.483965	0.820619	-1.21859	0.366907	0.772891	-1.29384	5.5292	6.76442	1.08747	1
cg19827875	NAV1	0.0237335	0.0797855	2.03783	2.03783	0.433058	1.34036	1.34036	0.0357618	2.44646	2.44646	0.0124539	3.12258	3.12258	0.604755	0.825981	-1.21068	0.0528975	0.446826	-2.23801	0.171559	0.586861	-1.70398	0.0291606	0.39015	-2.56312	0.950664	1.02292	1.02292	4.43651	9.42066	1.8875	1
cg17753974	NAV1	0.0407189	0.0275498	0.243606	-4.10498	0.00670689	0.148765	-6.72199	0.0560848	0.309585	-3.23014	0.506474	0.694014	-1.44089	0.00595187	0.142436	-7.02069	0.197694	0.478143	-2.09142	0.289302	0.550989	-1.81492	0.683094	0.800573	-1.24911	0.0602084	0.31707	-3.15387	3.65902	17.0173	4.13402	1
cg14920846	NAV1	0.0411107	0.380882	1.28604	1.28604	0.280242	1.36911	1.36911	0.0152423	2.30267	2.30267	0.00368836	2.99957	2.99957	0.891191	0.962416	-1.03905	0.203523	0.686839	-1.45595	0.490034	0.821808	-1.21683	0.341174	0.759929	-1.31591	0.539939	1.18967	1.18967	3.6461	4.52379	1.10286	1
cg08883485	NAV1	0.0415656	0.100186	1.69413	1.69413	0.327011	0.743672	-1.34468	0.157926	1.55563	1.55563	0.00320934	3.24541	3.24541	0.551193	1.193	1.193	0.839828	1.06102	1.06102	0.0360016	2.04192	2.04192	0.655582	1.14041	1.14041	0.0233267	2.21064	2.21064	3.63129	4.9266	1.20596	1
cg03328935	NAV1	0.0427527	0.657949	0.9011	-1.10976	0.960393	0.988461	-1.01167	0.830993	1.05122	1.05122	0.0260435	1.85391	1.85391	0.0955422	0.651842	-1.53412	0.234846	0.747504	-1.33779	0.0276286	0.544083	-1.83795	0.0400938	1.74093	1.74093	0.100928	0.657131	-1.52177	3.59355	3.10879	0.768981	1
cg11661940	NAV1;MIR1231;NAV1	0.0203269	0.00863931	4.02514	4.02514	0.296117	0.637247	-1.56925	0.00652727	0.22992	-4.34934	0.0366333	2.74561	2.74561	0.963885	1.01901	1.01901	0.180269	1.80729	1.80729	0.498957	0.751652	-1.3304	0.104785	2.09041	2.09041	0.845817	1.08434	1.08434	4.6787	12.819	2.43544	1
cg02616186	NAV1;MIR1231;NAV1	0.0363866	0.0930181	0.634572	-1.57586	0.147508	1.46592	1.46592	0.0372601	0.551538	-1.81311	0.00541048	0.406163	-2.46206	0.613996	1.13334	1.13334	0.0494147	0.575866	-1.73651	0.318555	1.28881	1.28881	0.88296	1.03692	1.03692	0.310717	0.772485	-1.29452	3.813	3.65791	0.852733	1
cg14780068	NAV1;NAV1	6.74E-07	0.0559692	1.1369	1.1369	0.0398962	0.868697	-1.15115	0.000147434	1.47226	1.47226	5.94E-06	1.82649	1.82649	5.18E-08	0.32815	-3.04739	0.0177664	0.84298	-1.18627	0.000464855	0.721615	-1.38578	6.11E-05	1.55026	1.55026	0.00277191	0.783076	-1.27702	81.0998	4.51082	0.0494406	1
cg14780255	NAV1;NAV1	0.0244527	0.433508	0.650163	-1.53808	0.0059696	6.9329	6.9329	0.0357435	3.72985	3.72985	0.391377	1.60492	1.60492	0.010909	0.178816	-5.59235	0.305377	1.77134	1.77134	0.764023	0.850283	-1.17608	0.125884	2.44038	2.44038	0.624373	0.766552	-1.30454	4.39087	20.1806	4.08537	1
cg02944076	NAV1;NAV1	0.0284609	0.57687	1.08041	1.08041	0.00210065	1.81046	1.81046	0.062297	1.33363	1.33363	0.0128534	1.52785	1.52785	0.96986	0.99483	-1.0052	0.967038	1.00569	1.00569	0.143425	1.24075	1.24075	0.289595	1.16278	1.16278	0.172278	0.819284	-1.22058	4.16374	1.24133	0.265003	1
cg01058902	NAV1;NAV1	0.0420876	0.743808	0.933351	-1.07141	0.105671	0.689529	-1.45026	0.00954406	0.501361	-1.99457	0.521653	1.14638	1.14638	0.386403	0.829652	-1.20532	0.575338	0.88777	-1.12642	0.00924213	2.00343	2.00343	0.296122	1.2559	1.2559	0.872122	1.03446	1.03446	3.61453	2.53237	0.622763	1
cg01388979	NAV2	0.000178556	0.0120805	0.71777	-1.3932	7.61E-06	0.352686	-2.83538	0.000219744	0.520712	-1.92045	0.0742069	0.809924	-1.23468	0.628539	0.949654	-1.05302	0.0872272	1.22152	1.22152	0.370543	1.10234	1.10234	0.765997	1.03213	1.03213	0.0418926	1.28208	1.28208	18.9442	3.369	0.158078	1
cg24203542	NAV2	0.00102571	0.00520942	0.451838	-2.21318	0.455559	1.17794	1.17794	0.421931	0.837968	-1.19336	0.205672	0.749988	-1.33335	3.97E-05	0.183968	-5.43571	0.567921	0.883034	-1.13246	0.182124	0.737004	-1.35685	0.500988	0.863134	-1.15857	0.000347219	0.289418	-3.45521	11.6821	8.5914	0.653717	1
cg19468290	NAV2	0.00178402	0.0800892	0.661013	-1.51283	0.233559	0.766235	-1.30508	6.77E-05	0.211236	-4.73403	0.00181972	0.388737	-2.57243	0.0125442	0.515829	-1.93863	0.820735	0.952764	-1.04958	0.00708581	0.476257	-2.09971	0.933774	0.982437	-1.01788	0.00921504	0.494231	-2.02334	9.96753	7.1752	0.639873	1
cg04304048	NAV2	0.00220018	0.697257	0.956764	-1.04519	0.030346	1.33349	1.33349	0.0585988	0.785412	-1.27322	0.573019	0.937642	-1.06651	0.0250323	0.739768	-1.35178	0.01302	1.41671	1.41671	0.000220625	2.00536	2.00536	0.0385539	0.762658	-1.3112	0.407782	1.10046	1.10046	9.37707	1.89828	0.179945	1
cg05312104	NAV2	0.00619023	0.000615491	0.154027	-6.49235	0.165147	0.591436	-1.6908	0.0148266	0.345289	-2.89613	0.0056614	0.27589	-3.62464	0.0107024	0.320471	-3.12041	0.179029	0.602675	-1.65927	0.00605802	0.2804	-3.56633	0.17301	0.597875	-1.67259	0.00749634	0.29494	-3.39052	6.87255	13.6969	1.77154	1
cg27324797	NAV2	0.00677872	0.0143344	0.416932	-2.39847	0.155651	0.643915	-1.553	0.166349	0.652065	-1.53359	0.733964	1.10389	1.10389	0.000855856	0.234291	-4.26819	0.969655	0.989039	-1.01108	0.0597509	0.540348	-1.85066	0.006324	0.356929	-2.80168	0.00208696	0.285088	-3.50768	6.68164	8.88425	1.18191	1
cg11986385	NAV2	0.00909661	0.0096656	0.693918	-1.44109	0.0795642	0.804808	-1.24253	0.000677211	0.560009	-1.78568	0.0204403	0.732166	-1.36581	0.791911	0.970924	-1.02995	0.138302	0.836881	-1.19491	0.353804	1.11233	1.11233	0.298908	1.12766	1.12766	0.0416658	0.769469	-1.2996	6.09169	1.20146	0.175315	1
cg18422632	NAV2	0.00998195	0.00300419	0.215935	-4.63102	0.749328	0.886246	-1.12836	0.00295059	0.214898	-4.65336	0.0088979	0.285388	-3.504	0.275114	1.53375	1.53375	0.20613	0.605098	-1.65263	0.341692	0.691382	-1.44638	0.26363	1.5511	1.5511	0.0278648	0.375682	-2.66182	5.91403	13.2912	1.99769	1
cg14603227	NAV2	0.0156877	0.0142882	0.34209	-2.92321	0.00585502	0.277824	-3.59941	0.00762506	0.295822	-3.38041	0.197046	0.616193	-1.62287	0.00245331	0.224013	-4.46403	0.0344203	0.416485	-2.40105	0.712567	0.876889	-1.1404	0.211683	0.626803	-1.5954	0.608338	0.832347	-1.20142	5.10432	10.19	1.77453	1
cg19323289	NAV2	0.0167392	0.0174875	0.554138	-1.80461	0.587908	1.11814	1.11814	0.0297217	0.593207	-1.68575	0.0608266	0.649648	-1.5393	0.650489	0.911107	-1.09757	0.597831	1.11477	1.11477	0.00348693	2.24574	2.24574	0.852327	1.03877	1.03877	0.0991296	0.691436	-1.44626	4.99522	3.29561	0.586446	1
cg01157143	NAV2	0.0207038	0.853609	1.02838	1.02838	0.658546	0.934829	-1.06971	0.0929394	1.32326	1.32326	0.860426	1.02703	1.02703	0.00210652	1.92567	1.92567	0.110801	0.76853	-1.30119	0.00617287	1.71814	1.71814	0.194322	1.23129	1.23129	0.245499	1.20209	1.20209	4.64951	1.69084	0.323254	1
cg21848671	NAV2	0.0276046	0.325516	1.26576	1.26576	0.00174497	0.354853	-2.81807	0.673841	0.906403	-1.10326	0.250784	1.32124	1.32124	0.308086	0.782773	-1.27751	0.490312	0.849877	-1.17664	0.207342	1.36162	1.36162	0.712421	1.08975	1.08975	0.0215283	0.526804	-1.89824	4.2088	3.59232	0.758689	1
cg13922121	NAV2	0.0279713	0.00785368	0.269646	-3.70857	0.206801	0.59955	-1.66792	0.0459734	0.415273	-2.40805	0.249481	1.58798	1.58798	0.00318746	0.212813	-4.69897	0.467506	0.752723	-1.32851	0.0437975	0.410497	-2.43607	0.29751	0.660356	-1.51434	0.395967	0.716045	-1.39656	4.18929	9.79552	2.07842	1
cg00748218	NAV2	0.0372524	0.0188706	0.307535	-3.25166	0.0100084	0.259731	-3.85013	0.117992	0.494721	-2.02134	0.157742	0.53459	-1.87059	0.0168733	0.298613	-3.34882	0.458114	0.731073	-1.36785	0.0246625	0.329818	-3.03197	0.0203603	0.313724	-3.18752	0.0654673	0.424347	-2.35656	3.78048	10.2918	2.41987	1
cg14270348	NAV2;LOC100126784;NAV2;NAV2	0.0112862	?	?	?	0.568452	0.762929	-1.31074	0.43653	1.4515	1.4515	0.222555	0.547879	-1.82522	0.38367	0.657495	-1.52092	0.274601	0.586488	-1.70506	0.000259766	0.0595897	-16.7814	0.160749	0.494965	-2.02035	0.0323396	0.308413	-3.24241	5.79733	17.9836	3.10204	1
cg20167126	NAV2;NAV2;LOC100126784;NAV2	0.00292975	0.611671	0.945911	-1.05718	0.000107977	2.09877	2.09877	0.181461	0.857212	-1.16657	0.361701	1.1072	1.1072	0.686101	0.956831	-1.04512	0.305434	0.891137	-1.12216	0.00904849	0.697446	-1.4338	0.0969703	0.820484	-1.21879	0.576242	0.940518	-1.06324	8.61853	1.61016	0.166067	1
cg24107611	NAV2;NAV2;NAV2	0.00502382	0.489853	1.08814	1.08814	0.00284568	1.63991	1.63991	0.120647	0.816517	-1.22471	0.0164504	1.42333	1.42333	0.00248876	1.65898	1.65898	0.803794	1.03043	1.03043	0.013673	0.69264	-1.44375	0.770315	1.03588	1.03588	0.04152	1.32718	1.32718	7.32795	1.68308	0.20416	1
cg08133755	NAV2;NAV2;NAV2	0.00975983	0.00339036	0.224146	-4.46139	0.822655	0.919181	-1.08793	0.676995	1.17031	1.17031	0.479165	0.763328	-1.31005	0.000644861	0.140106	-7.13745	0.150449	0.560679	-1.78355	0.160748	0.569824	-1.75493	0.566001	0.804285	-1.24334	0.00708123	0.270807	-3.69267	5.95671	13.2952	1.98397	1
cg06218688	NAV2;NAV2;NAV2	0.0100146	0.00762801	0.292059	-3.42397	0.00273736	0.226802	-4.40914	0.0302263	0.400821	-2.49488	0.0714106	0.485583	-2.05938	0.00428062	0.253843	-3.93944	0.0448751	0.43779	-2.2842	0.00378717	0.246224	-4.06134	0.0441225	0.436143	-2.29283	0.0782466	0.495629	-2.01764	5.90786	12.0452	1.8123	1
cg02367892	NAV2;NAV2;NAV2	0.0100479	0.173013	0.718774	-1.39126	0.593523	1.13053	1.13053	0.00430112	2.38562	2.38562	0.409594	0.825265	-1.21173	0.762415	0.933282	-1.07149	0.0815681	1.55208	1.55208	0.00108795	0.333595	-2.99765	0.832634	0.952951	-1.04937	0.68055	1.09886	1.09886	5.90159	4.8473	0.730093	1
cg16878549	NAV2;NAV2;NAV2	0.0136178	0.00196085	0.17331	-5.77	0.0320966	0.36591	-2.73291	0.163589	0.551365	-1.81368	0.0439735	0.395759	-2.52679	0.0880397	0.470559	-2.12513	0.00774359	0.254189	-3.93408	0.0069212	0.246697	-4.05355	0.161193	0.549241	-1.8207	0.00990219	0.271206	-3.68723	5.34826	13.5827	2.25747	1
cg10526504	NAV2;NAV2;NAV2	0.0237453	0.358747	0.731682	-1.36671	0.308635	1.41741	1.41741	0.240197	0.665578	-1.50245	0.480617	1.26788	1.26788	0.000809403	0.187742	-5.32645	0.147009	0.597376	-1.67399	0.225668	1.52382	1.52382	0.591549	1.1964	1.1964	0.149547	0.599573	-1.66785	4.43575	7.69916	1.54285	1
cg02509000	NAV2;NAV2;NAV2	0.0254296	0.000785508	0.304976	-3.27895	0.399307	1.22366	1.22366	0.740496	0.925196	-1.08085	0.156305	0.701356	-1.42581	0.0167569	0.505124	-1.97971	0.211795	0.735142	-1.36028	0.324639	0.788252	-1.26863	0.821257	0.948442	-1.05436	0.179193	0.716213	-1.39623	4.33146	3.75384	0.770352	1
cg09654242	NAV2;NAV2;NAV2	0.0263763	0.689403	0.896979	-1.11485	0.000853877	3.88031	3.88031	0.137735	1.54121	1.54121	0.0784868	1.69711	1.69711	0.0189551	2.15746	2.15746	0.2168	1.42148	1.42148	0.111441	1.59873	1.59873	0.489523	1.20923	1.20923	0.840927	1.05589	1.05589	4.27653	4.96054	1.03106	1
cg22647689	NAV2;NAV2;NAV2	0.0349915	0.521304	1.09808	1.09808	0.665847	1.06453	1.06453	0.12601	0.787983	-1.26906	0.30295	0.857629	-1.166	0.650098	0.936383	-1.06794	0.832147	1.03102	1.03102	0.00111097	1.99678	1.99678	0.227699	0.833386	-1.19992	0.61515	1.07569	1.07569	3.86747	1.26893	0.291647	1
cg26583664	NAV2;NAV2;NAV2	0.0474503	0.196814	0.581692	-1.71912	0.424905	0.723574	-1.38203	0.279358	1.56292	1.56292	0.569104	1.2567	1.2567	0.00562178	0.236154	-4.23453	0.822023	1.09358	1.09358	0.401007	0.710834	-1.4068	0.54422	0.78371	-1.27598	0.00702755	0.250645	-3.9897	3.45597	8.62913	2.21945	1
cg08550026	NAV2;NAV2;NAV2;LOC100126784	0.0141925	0.0101316	0.685278	-1.45926	0.594494	0.939317	-1.0646	0.561757	1.07075	1.07075	0.0319386	0.746107	-1.34029	0.078959	0.796694	-1.25519	0.38655	0.901748	-1.10896	0.00242067	1.63574	1.63574	0.439998	1.0961	1.0961	0.419654	0.908398	-1.10084	5.27614	1.13441	0.191119	1
cg16276424	NAV2;NAV2;NAV2;LOC100126784	0.0479499	0.0261617	0.374952	-2.66701	0.251537	0.646382	-1.54707	?	?	?	0.313811	1.46064	1.46064	0.521357	0.790046	-1.26575	?	?	?	?	?	?	0.0832658	0.494162	-2.02363	0.0110663	0.302497	-3.30582	3.93508	5.32499	1.57875	1
cg04916810	NAV2;NAV2;NAV2;LOC100126784	0.048754	0.656947	0.887227	-1.12711	0.00370747	2.85651	2.85651	0.415482	1.24957	1.24957	0.825302	1.06096	1.06096	0.194958	0.69283	-1.44336	0.139744	1.53015	1.53015	0.220216	0.708189	-1.41205	0.596046	0.866572	-1.15397	0.0533809	1.79934	1.79934	3.42073	3.88207	1.00877	1
cg03919694	NAV2;NAV2;NAV2;LOC100126784;NAV2;NAV2	0.00203846	?	?	?	0.896407	0.954318	-1.04787	0.851141	1.06977	1.06977	0.177177	0.594712	-1.68149	?	?	?	?	?	?	0.000132061	0.0732685	-13.6484	?	?	?	0.17713	1.68159	1.68159	12.8692	14.2799	1.55347	1
cg25607321	NAV2;NAV2;NAV2;LOC100126784;NAV2;NAV2	0.00272642	0.00558892	0.720134	-1.38863	0.00252994	1.45964	1.45964	0.0207133	1.28569	1.28569	0.12242	0.85982	-1.16303	0.631146	0.957294	-1.04461	0.150778	1.14905	1.14905	0.00146464	0.660687	-1.51358	0.236667	0.894162	-1.11836	0.423503	1.07654	1.07654	8.80403	1.13507	0.114601	1
cg09571376	NAV2;NAV2;NAV2;NAV2	0.00175696	0.513959	0.858306	-1.16509	0.724225	0.921479	-1.08521	0.275492	1.29938	1.29938	0.000952673	3.11651	3.11651	0.000418581	0.274902	-3.63766	0.923978	1.02228	1.02228	0.132912	1.45394	1.45394	0.00241242	2.65262	2.65262	0.689028	1.09731	1.09731	10.0118	8.44997	0.750224	1
cg12859429	NAV2;NAV2;NAV2;NAV2	0.00283133	0.0146776	1.89861	1.89861	0.012601	1.93874	1.93874	0.163824	1.37313	1.37313	0.00667376	2.11933	2.11933	0.0335444	0.588642	-1.69883	0.531285	1.14492	1.14492	0.0167092	1.86537	1.86537	0.000231669	3.68426	3.68426	0.579958	1.12671	1.12671	8.70624	6.28013	0.641188	1
cg12535090	NAV2;NAV2;NAV2;NAV2	0.00419618	0.00191103	0.613576	-1.62979	0.0301879	1.32741	1.32741	0.0345634	0.760444	-1.31502	0.0276801	0.748824	-1.33543	0.362672	1.10956	1.10956	0.135062	0.836096	-1.19603	0.0171865	1.38075	1.38075	0.631241	0.947681	-1.05521	0.00684222	0.677582	-1.47584	7.73983	1.51356	0.173827	1
cg12711760	NAV2;NAV2;NAV2;NAV2	0.00435829	0.00372111	0.283884	-3.52257	0.0127897	0.370171	-2.70145	0.0224709	0.415392	-2.40736	0.877657	1.05075	1.05075	0.00153978	0.231277	-4.32382	0.247423	0.677996	-1.47493	0.137159	0.597796	-1.67281	0.00923687	2.8915	2.8915	0.0901433	0.548715	-1.82244	7.65158	12.5141	1.45377	1
cg10281394	NAV2;NAV2;NAV2;NAV2	0.00524832	0.0185564	0.561164	-1.78201	0.00570438	2.08263	2.08263	0.31111	1.23625	1.23625	0.424433	0.847818	-1.1795	0.00254142	0.428423	-2.33414	0.0103031	0.519845	-1.92365	0.146886	1.37035	1.37035	0.84458	1.04052	1.04052	0.0737342	0.668024	-1.49695	7.23065	4.69027	0.576591	1
cg06068991	NAV2;NAV2;NAV2;NAV2	0.0120607	0.0812627	0.68943	-1.45047	0.000985222	0.389675	-2.56624	0.604494	1.10577	1.10577	0.352402	1.20218	1.20218	0.00341257	0.465033	-2.15038	0.491595	0.874225	-1.14387	0.230802	1.27364	1.27364	0.976181	1.00576	1.00576	0.717671	0.932516	-1.07237	5.56437	3.26296	0.521246	1
cg02393617	NAV2;NAV2;NAV2;NAV2	0.0149863	0.444236	1.19123	1.19123	0.00823456	2.13453	2.13453	0.186421	1.36923	1.36923	0.783151	0.939983	-1.06385	0.00266663	0.393792	-2.53941	0.847729	1.04407	1.04407	0.0271952	1.79766	1.79766	0.111892	1.47462	1.47462	0.486758	1.17179	1.17179	5.18227	4.13113	0.708592	1
cg19222784	NAV2;NAV2;NAV2;NAV2	0.0409258	0.280985	1.52434	1.52434	0.267272	1.54463	1.54463	0.212072	1.63969	1.63969	0.0296406	2.62007	2.62007	0.847825	0.930276	-1.07495	0.997283	1.00128	1.00128	0.0496409	2.32222	2.32222	0.00163693	5.45678	5.45678	0.102006	1.96076	1.96076	3.65218	8.18641	1.99246	1
cg26869615	NAV2;NAV2;NAV2;NAV2;NAV2	0.0193127	0.28237	0.631352	-1.5839	0.529818	0.769488	-1.29957	0.603219	0.805829	-1.24096	0.0157685	3.38004	3.38004	0.023593	0.328608	-3.04314	0.404297	1.42093	1.42093	0.119719	2.00373	2.00373	0.0039422	4.93639	4.93639	0.268079	1.60789	1.60789	4.76069	12.779	2.38602	1
cg12871652	NAV3	0.000457704	0.0119487	0.508691	-1.96583	0.00216671	0.395549	-2.52813	0.205649	0.749963	-1.3334	0.0141252	0.520644	-1.9207	0.00159641	0.376797	-2.65395	0.00388033	0.432512	-2.31207	5.12E-05	0.195084	-5.12598	0.00627879	2.15387	2.15387	0.0391784	0.597916	-1.67247	14.6448	10.7716	0.653796	1
cg07284190	NAV3	0.00715665	0.0106547	0.252148	-3.96592	0.479167	0.734408	-1.36164	0.873768	0.934052	-1.0706	0.543126	0.767887	-1.30228	0.000386834	0.0881163	-11.3486	0.832811	1.09495	1.09495	0.0125834	0.264084	-3.78668	0.787109	1.12317	1.12317	0.00725106	0.226184	-4.42118	6.56959	19.1572	2.59204	1
cg17202735	NAV3	0.0130965	0.0073347	0.239621	-4.17326	0.0373952	0.368456	-2.71403	0.0165054	0.297972	-3.35602	0.16521	0.542336	-1.84388	0.00118611	0.140139	-7.13576	0.607306	0.807131	-1.23896	0.42707	1.3982	1.3982	0.0306853	0.350165	-2.8558	0.150127	0.528527	-1.89205	5.41704	14.6581	2.40527	1
cg03835709	NAV3	0.0197626	0.164824	0.663303	-1.50761	0.124604	0.63089	-1.58506	0.0104074	0.409114	-2.4443	0.713663	0.902938	-1.1075	0.00208906	0.301284	-3.31913	0.266497	0.725612	-1.37815	0.00319907	0.327933	-3.04941	0.421978	0.796726	-1.25514	0.847268	0.947982	-1.05487	4.72368	5.7419	1.0805	1
cg16616587	NAV3	0.0276075	0.0260994	0.649237	-1.54027	0.0624384	0.709545	-1.40935	0.672285	1.0721	1.0721	0.224492	1.23217	1.23217	0.0139505	0.608425	-1.64359	0.537174	0.902811	-1.10765	0.0497218	1.44236	1.44236	0.985417	1.003	1.003	0.0257156	0.648252	-1.54261	4.20865	1.78461	0.37692	1
cg01198655	NBAS	0.00172412	0.0514313	0.759289	-1.31702	0.541878	1.07969	1.07969	0.0285512	0.725536	-1.37829	0.609154	0.937972	-1.06613	0.580757	0.933074	-1.07173	0.20523	0.847071	-1.18054	6.56E-05	2.48365	2.48365	0.035372	1.35561	1.35561	0.127204	0.814787	-1.22731	10.0666	2.45855	0.217091	1
cg06970454	NBAS	0.0108112	0.0127372	0.611052	-1.63652	0.744548	0.949299	-1.05341	0.0132421	0.613491	-1.63002	0.738154	0.948008	-1.05484	0.0537269	0.705685	-1.41706	0.230918	0.818736	-1.22139	0.313952	1.18025	1.18025	0.220192	0.814531	-1.2277	0.000497673	0.420178	-2.37994	5.76456	2.31219	0.356537	1
cg05096099	NBAS	0.013828	0.0304818	0.396328	-2.52316	0.530799	1.25997	1.25997	0.747867	0.88924	-1.12456	0.0986167	0.517269	-1.93323	0.000637278	0.14823	-6.74628	0.82976	1.08152	1.08152	0.022833	0.371061	-2.69497	0.324002	1.4488	1.4488	0.11897	0.54015	-1.85134	5.32145	11.1648	1.86495	1
cg15068487	NBAS	0.0253825	0.00960893	0.213079	-4.6931	0.551415	0.752611	-1.32871	0.320054	1.6235	1.6235	0.548117	0.750796	-1.33192	0.00107546	0.10251	-9.75511	0.976721	0.986333	-1.01386	0.524321	1.35568	1.35568	0.999382	1.00037	1.00037	0.974951	0.985301	-1.01492	4.33427	15.2686	3.13134	1
cg18451529	NBAS	0.0283471	0.0660209	0.552947	-1.80849	0.198625	1.47739	1.47739	0.639127	1.14532	1.14532	0.587061	1.17063	1.17063	0.00940803	0.388369	-2.57487	0.0638914	0.549714	-1.81913	0.0121228	0.407219	-2.45568	0.299153	1.36227	1.36227	0.091102	0.585866	-1.70687	4.16963	5.45064	1.16197	1
cg00549433	NBAS	0.0332278	0.391898	0.768184	-1.30177	0.164183	1.5625	1.5625	0.100824	1.71657	1.71657	0.946738	1.02029	1.02029	0.0367586	0.482176	-2.07393	0.0632344	0.533596	-1.87408	0.0114285	0.3861	-2.59001	0.0276997	0.457262	-2.18693	0.313053	0.730719	-1.36852	3.9403	5.64106	1.27256	1
cg04222876	NBAS;NBAS	0.0206988	0.00280484	0.754173	-1.32596	0.0427798	1.17324	1.17324	0.0253907	1.19968	1.19968	0.542788	1.04311	1.04311	0.509496	1.04691	1.04691	0.157397	1.10915	1.10915	0.297511	0.928674	-1.0768	0.226567	0.916684	-1.09089	0.64744	1.03205	1.03205	4.64989	0.345712	0.0660874	1
cg14099990	NBEA	0.00015174	0.908646	1.0078	1.0078	0.011657	1.23797	1.23797	8.66E-05	1.61121	1.61121	0.0030516	0.759735	-1.31625	0.0703974	0.872018	-1.14677	0.0228485	0.831587	-1.20252	0.0074218	0.791736	-1.26305	0.113647	1.12363	1.12363	7.92E-05	1.62103	1.62103	19.7953	1.43762	0.0645552	1
cg21392204	NBEA	0.00407039	0.407733	1.1269	1.1269	0.00242106	1.81453	1.81453	0.00902891	1.5972	1.5972	0.100717	1.2887	1.2887	0.174469	0.815637	-1.22604	0.00308342	1.77082	1.77082	0.0676212	1.33488	1.33488	0.00961935	1.58786	1.58786	0.0289551	0.6954	-1.43802	7.81129	2.46228	0.280197	1
cg16735881	NBEA	0.00461038	0.0420517	4.36385	4.36385	0.00448194	0.0922318	-10.8423	0.0517398	4.02443	4.02443	0.0444291	0.234132	-4.2711	0.367448	1.79013	1.79013	0.559928	1.44882	1.44882	0.00283262	0.0753604	-13.2696	0.0328582	0.208072	-4.80603	0.0724645	3.52752	3.52752	7.52217	47.1268	5.56893	1
cg03337263	NBEA	0.0132282	0.414722	1.17236	1.17236	0.0848179	0.695233	-1.43837	0.0144977	0.562998	-1.77621	0.0345341	0.624905	-1.60024	0.0175128	1.73584	1.73584	0.392425	0.846109	-1.18188	0.00970864	1.86632	1.86632	0.179091	0.761688	-1.31287	0.567276	0.895577	-1.1166	5.39935	3.11079	0.512126	1
cg07200348	NBEA	0.0259113	0.0978013	4.70387	4.70387	0.0274933	0.108322	-9.23175	0.0952924	4.76999	4.76999	0.0298543	0.113183	-8.83526	0.593553	1.58283	1.58283	0.455558	1.91146	1.91146	0.0535982	0.154351	-6.47873	0.131375	0.249456	-4.00872	0.0572202	6.25823	6.25823	4.30321	49.5265	10.2304	1
cg07310259	NBEA	0.030561	0.295977	0.851653	-1.17419	0.0123224	1.58692	1.58692	0.0050235	1.73315	1.73315	0.0156858	1.55091	1.55091	0.536966	1.09706	1.09706	0.123783	1.28017	1.28017	0.629854	1.07461	1.07461	0.0812789	1.33157	1.33157	0.105278	1.29985	1.29985	4.06	1.41179	0.309096	1
cg20094837	NBEA	0.0379312	0.935467	0.967493	-1.0336	0.0609636	0.422378	-2.36755	0.741874	1.14441	1.14441	0.36241	0.682476	-1.46525	0.0236104	0.331878	-3.01316	0.71874	0.862784	-1.15904	0.00561109	0.226747	-4.4102	0.0088938	0.257037	-3.89049	0.0977491	0.476454	-2.09884	3.75562	9.90595	2.34456	1
cg00762613	NBEA	0.038865	0.0260925	8.63779	8.63779	0.383961	0.482354	-2.07317	0.0279961	8.33237	8.33237	0.184399	0.316682	-3.15774	0.49235	1.76737	1.76737	0.257073	2.62747	2.62747	0.184376	0.316661	-3.15795	0.308419	0.422748	-2.36548	0.0173847	10.6472	10.6472	3.72232	39.3219	9.39007	1
cg02340053	NBEA	0.0466946	0.0245734	33.5756	33.5756	?	?	?	0.0287299	29.5291	29.5291	0.265253	0.217937	-4.58847	0.873099	1.23338	1.23338	0.97495	1.04207	1.04207	0.409015	0.330187	-3.02859	0.937017	0.901489	-1.10928	0.0101326	70.5553	70.5553	3.52928	85.5591	24.2426	1
cg04944266	NBEA;NBEA	0.0471451	0.777717	1.08444	1.08444	0.930375	0.975281	-1.02535	0.0350642	0.494939	-2.02045	0.0735577	1.77073	1.77073	0.89555	0.963078	-1.03834	0.714956	1.11077	1.11077	0.0155784	2.33856	2.33856	0.352657	0.760381	-1.31513	0.0213471	2.20847	2.20847	3.46439	4.5012	1.15491	1
cg13372293	NBEAL1	0.000220529	0.242627	0.71384	-1.40087	0.00326797	3.02017	3.02017	0.0497279	0.539515	-1.85352	0.000896225	3.93799	3.93799	0.00116626	0.268693	-3.72171	0.00759051	0.388069	-2.57686	0.000213368	0.181769	-5.50148	0.00396509	2.90965	2.90965	0.204588	1.44633	1.44633	17.8903	21.533	1.06988	1
cg08076091	NBEAL1	0.00987332	0.688021	0.891544	-1.12165	0.0473196	0.524455	-1.90674	0.00107581	0.253213	-3.94925	0.482596	1.22502	1.22502	0.0125215	0.413363	-2.41918	0.0718964	1.7708	1.7708	0.0869772	0.584171	-1.71183	0.131712	1.58846	1.58846	0.72312	0.903777	-1.10647	5.93476	7.60283	1.13873	1
cg11775731	NBEAL1	0.0160614	0.0182159	0.24214	-4.12984	0.914707	1.05444	1.05444	0.531323	1.36851	1.36851	0.259635	0.558887	-1.78927	0.0740337	0.373427	-2.6779	0.000412981	0.0624549	-16.0115	0.349181	0.620752	-1.61095	0.894093	1.06812	1.06812	0.88838	0.932877	-1.07195	5.06453	19.6348	3.44615	1
cg14420613	NBEAL1	0.0242191	0.4936	0.78756	-1.26974	0.0114888	0.337521	-2.96278	0.0218628	0.388662	-2.57293	0.79262	1.09473	1.09473	0.00510685	0.280539	-3.56457	0.298139	1.44842	1.44842	0.32324	0.70435	-1.41975	0.445427	1.3063	1.3063	0.0291112	0.413394	-2.419	4.4055	8.23305	1.66116	1
cg00477157	NBEAL1	0.0355349	0.0980949	0.764057	-1.3088	0.191378	1.22772	1.22772	0.0117376	1.59503	1.59503	0.908432	0.98308	-1.01721	0.327213	0.860702	-1.16184	0.650571	1.06997	1.06997	0.0193316	0.657337	-1.52129	0.536383	0.911321	-1.09731	0.0452978	0.711353	-1.40577	3.84594	1.33987	0.309676	1
cg01415046	NBEAL1	0.0401521	0.0516401	0.726426	-1.3766	0.55189	1.09073	1.09073	0.603026	1.07865	1.07865	0.193977	0.820123	-1.21933	0.00322298	1.78597	1.78597	0.437415	1.12109	1.12109	0.577838	0.922077	-1.08451	0.0914203	0.764738	-1.30764	0.972521	1.00498	1.00498	3.67799	1.21286	0.293122	1
cg16586093	NBEAL1;NBEAL1	0.0117779	0.000568076	0.104989	-9.52478	0.49187	0.744747	-1.34274	0.280064	1.60646	1.60646	0.715503	1.16711	1.16711	0.0314649	2.9012	2.9012	0.537204	1.30183	1.30183	0.0335227	0.350479	-2.85324	0.768454	1.13273	1.13273	0.703697	0.851022	-1.17506	5.60736	15.8273	2.50897	1
cg00577070	NBEAL2	3.55E-05	0.0150814	0.617621	-1.61912	0.00564605	0.556557	-1.79676	1.01E-05	0.217091	-4.60635	0.863304	1.02819	1.02819	1.08E-06	0.128306	-7.79388	0.013137	0.60886	-1.64241	0.941768	0.988282	-1.01186	0.389459	0.867371	-1.15291	0.0255789	0.65184	-1.53412	29.1355	12.0115	0.366455	1
cg27218437	NBEAL2	0.000157503	0.000141489	0.500322	-1.99871	0.770494	0.969619	-1.03133	0.000516644	1.77069	1.77069	0.000118099	0.49128	-2.0355	0.000943221	0.594421	-1.68231	0.0545935	1.25857	1.25857	0.101406	0.827651	-1.20824	0.0772614	1.23019	1.23019	0.457588	1.08305	1.08305	19.5973	3.4526	0.156602	1
cg18190798	NBEAL2	0.00206535	0.0036653	0.263729	-3.79178	0.0301942	0.421213	-2.37409	0.00984689	0.330664	-3.02421	0.897603	0.957264	-1.04464	0.00153608	0.213051	-4.69371	0.00854767	0.32041	-3.121	0.000315783	0.138097	-7.24129	0.385673	1.35214	1.35214	0.00946569	0.327779	-3.05083	9.55193	17.409	1.62005	1
cg15924583	NBEAL2	0.00225776	0.676465	1.13746	1.13746	0.056505	1.93994	1.93994	0.00320539	0.290908	-3.43752	0.0620434	0.524757	-1.90564	9.14E-05	0.117017	-8.54575	0.862223	0.948084	-1.05476	0.0235917	0.436192	-2.29257	0.831337	0.936635	-1.06765	0.31738	0.728175	-1.3733	9.30641	13.8838	1.32609	1
cg26339924	NBEAL2	0.00318236	0.00627722	0.482961	-2.07056	0.176518	0.745501	-1.34138	0.00383576	0.450832	-2.21812	0.332642	0.815224	-1.22666	0.00125103	0.381564	-2.6208	0.0799651	0.672249	-1.48754	0.00161776	0.39701	-2.51883	0.383096	1.20061	1.20061	0.00188451	0.406304	-2.46121	8.40928	5.56504	0.588243	1
cg02634584	NBEAL2	0.00724123	0.25629	0.863018	-1.15872	0.714263	1.04678	1.04678	0.0510611	0.758619	-1.31818	0.00204605	0.582586	-1.71648	0.0693946	0.776825	-1.28729	0.0111271	0.67322	-1.4854	0.000990112	0.544195	-1.83758	0.530259	0.923999	-1.08225	0.225582	1.17143	1.17143	6.54552	1.60237	0.217603	1
cg25364363	NBEAL2	0.00844019	0.000888581	2.04375	2.04375	0.0170104	0.630982	-1.58483	0.0255586	1.46353	1.46353	0.812962	1.35061	1.35061	0.0327369	0.877787	-1.13923	0.225946	0.833143	-1.20027	0.342799	1.15064	1.15064	0.35962	1.28897	1.28897	0.27697	[illegible]	[illegible]	[illegible]	[illegible]	0.299165	1
cg01892547	NBEAL2	0.0112549	0.281263	0.808322	-1.23713	0.413164	1.17231	1.17231	0.0201559	0.684198	-1.46158	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.737965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11865578	NBEAL2	0.0209008	0.312227	0.7906	-1.26486	0.491507	1.41586	1.41586	0.0950887	0.69571	-1.4375	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26432350	NBEAL2	0.0440853	0.795945	1.15953	1.15953	0.561938	1.39782	1.39782	0.196623	0.655285	-1.52605	0.218091	1.23627	1.23627	[illegible]	[illegible]	[illegible]	0.0950566	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20674725	NBEAL2	0.0441513	0.27403	0.787832	-1.26928	0.737051	1.08351	1.08351	0.935363	1.26636	1.26636	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04129431	NBEAL2	0.0459398	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19136075	NBL1	0.000414722	1.46E-05	0.164514	-6.07851	0.0848938	0.682815	-1.46453	0.00757724	0.502678	-1.98934	0.687995	0.922345	-1.08419	0.0140705	0.544994	-1.83488	0.893988	0.973655	-1.02706	0.000122759	0.261328	-3.82646	0.368923	0.831281	-1.20296	0.0283399	0.595529	-1.67918	15.0494	9.55731	0.56425	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03884082	NBL1;NBL1	0.000100236	3.78E-06	0.452952	-2.20774	0.000241338	0.640358	-1.56163	0.521589	0.953447	-1.04883	0.790996	0.980697	-1.01968	0.0024205	0.733487	-1.36335
cg23295592	NBL1;NBL1	0.00293261	0.0241072	1.54844	1.54844	0.0652325	0.714285	-1.4	0.31884	0.845794	-1.18232	0.0117054	0.599272	-1.66869	0.317066	1.1831	1.1831
cg21057046	NBL1;NBL1	0.00431649	0.443055	0.76336	-1.31	0.00841486	3.19628	3.19628	0.286571	1.46535	1.46535	0.0085057	3.18847	3.18847	0.0111528	0.33342	-2.99922
cg10555159	NBL1;NBL1	0.0164593	0.066841	0.724734	-1.37982	0.28339	0.839757	-1.19082	0.153628	0.787112	-1.27047	0.00407943	0.546628	-1.8294	0.224147	1.22152	1.22152
cg07147364	NBL1;NBL1	0.0214755	0.228071	0.48571	-2.05884	0.00751617	7.12512	7.12512	0.658219	1.28932	1.28932	0.0181306	5.14421	5.14421	0.168794	0.433048	-2.30921
cg03048314	NBL1;NBL1	0.0215837	0.388876	0.520769	-1.92024	0.0376898	5.93633	5.93633	0.861045	0.878577	-1.1382	0.00497052	15.604	15.604	0.188389	0.357096	-2.80037
cg16650717	NBL1;NBL1	0.0280046	0.706365	0.661386	-1.51198	0.0382466	13.7797	13.7797	0.746159	0.701325	-1.42587	0.00807433	40.6867	40.6867	0.209632	0.235904	-4.23901
cg22322465	NBLA00301	1.54E-05	0.377601	0.90505	-1.10491	0.296251	1.12676	1.12676	0.108575	0.824581	-1.21274	0.592977	0.942276	-1.06126	0.0336651	0.760796	-1.31441
cg21030607	NBLA00301	2.86E-05	0.00215858	0.48737	-2.05183	0.00534903	1.84462	1.84462	0.0512401	1.44842	1.44842	0.382476	0.861159	-1.16123	0.000965804	2.27051	2.27051
cg16750157	NBLA00301	0.000173592	0.180544	0.654024	-1.52899	0.928369	0.973507	-1.02721	0.000730533	4.63343	4.63343	0.28612	0.718349	-1.39208	0.110832	0.595244	-1.67998
cg19095920	NBLA00301	0.00138415	0.0301008	0.548674	-1.82258	0.0254566	1.8681	1.8681	0.150932	1.43652	1.43652	0.0711882	0.622337	-1.60685	0.00577709	0.42696	-2.34214
cg18575740	NBLA00301	0.00166447	0.232433	0.768618	-1.30104	0.00166175	0.388474	-2.57417	0.343441	0.814564	-1.22765	0.513401	1.14945	1.14945	0.57226	0.886987	-1.12741
cg10024909	NBLA00301	0.00320934	0.19606	0.674795	-1.48193	0.00628156	0.359053	-2.78511	0.000309605	0.18561	-5.38764	0.113816	0.609582	-1.64047	0.0735946	0.563332	-1.77515
cg15234400	NBLA00301	0.00408098	0.0434766	2.42362	2.42362	0.000653898	0.136453	-7.32855	0.00404736	0.229532	-4.3567	0.852015	0.931274	-1.0738	0.0352731	0.392655	-2.54677
cg21382382	NBLA00301	0.00418106	0.392281	1.22739	1.22739	0.0049918	0.419512	-2.38372	0.0166771	0.504977	-1.98029	0.858013	0.958999	-1.04275	0.775228	0.935262	-1.06922
cg24087743	NBLA00301	0.00424642	0.694121	0.955552	-1.04652	0.218801	0.861761	-1.16042	0.0959733	0.810335	-1.23406	0.143921	1.19794	1.19794	0.127193	0.827169	-1.20894
cg11236429	NBLA00301	0.00703863	0.608868	1.36131	1.36131	0.0728712	0.296758	-3.36975	0.505521	1.49803	1.49803	0.455323	1.5764	1.5764	?	?	?
cg21383280	NBLA00301	0.00774569	0.206343	1.23286	1.23286	0.097038	0.75123	-1.33115	0.0438107	0.694952	-1.43895	0.00148665	2.05385	2.05385	0.219079	1.22506	1.22506
cg05828497	NBLA00301	0.0110768	0.00928812	4.5959	4.5959	0.212166	1.83544	1.83544	0.368657	1.53217	1.53217	0.431453	0.690018	-1.44924	0.0185392	0.267278	-3.74142
cg07639489	NBLA00301	0.0184519	0.887797	1.06111	1.06111	0.881687	1.06457	1.06457	0.00523608	4.69958	4.69958	0.608747	0.805004	-1.24223	0.435476	0.715845	-1.39695
cg24950233	NBLA00301	0.0227446	0.0643351	0.621232	-1.6097	0.0117248	0.486172	-2.05689	0.642201	0.898372	-1.11312	0.296045	1.28169	1.28169	0.10993	0.670925	-1.49048
cg09339763	NBLA00301;HAND2	5.95E-06	0.391928	0.832543	-1.20114	7.19E-06	7.93015	7.93015	0.0356028	0.599837	-1.66712	0.361154	1.2167	1.2167	0.0872932	1.48358	1.48358
cg10509254	NBLA00301;HAND2	1.54E-05	0.357154	0.827755	-1.20809	0.000282302	3.2694	3.2694	0.190244	1.31905	1.31905	1.13E-05	6.43853	6.43853	0.156037	0.738647	-1.35383
cg07681935	NBLA00301;HAND2	2.03E-05	0.594887	1.15901	1.15901	0.553072	1.17938	1.17938	0.964522	1.01231	1.01231	0.0132135	2.3269	2.3269	0.741379	1.09534	1.09534
cg19178853	NBLA00301;HAND2	5.99E-05	0.761995	1.09031	1.09031	0.305539	1.35257	1.35257	0.68171	1.12455	1.12455	0.495793	0.821299	-1.21758	0.0454163	0.520367	-1.92172
cg22517735	NBLA00301;HAND2	0.00103858	0.0159729	0.519247	-1.92587	0.046696	1.65858	1.65858	0.76294	0.935005	-1.06951	0.566806	1.13725	1.13725	0.0007022	0.317352	-3.15108
cg15707093	NBLA00301;HAND2	0.00134464	0.867089	0.945966	-1.05712	0.466994	1.27822	1.27822	0.823119	1.07708	1.07708	0.243943	1.49825	1.49825	0.68339	0.872852	-1.14567
cg08905895	NBLA00301;HAND2	0.00194336	0.170054	0.558124	-1.79172	0.378323	1.43435	1.43435	0.124213	1.94317	1.94317	0.137416	1.89356	1.89356	0.568001	1.259	1.259
cg15195321	NBLA00301;HAND2	0.00793568	0.713042	1.13942	1.13942	0.0222644	0.379825	-2.63279	0.00454692	3.80194	3.80194	0.402863	0.738979	-1.35322	0.565414	0.814388	-1.22792
cg20641355	NBN	0.0102085	0.126805	0.707798	-1.41283	0.00176767	0.393791	-2.53942	0.14549	0.721021	-1.38692	0.149383	0.723607	-1.38197	0.670548	0.914345	-1.09368
cg00797142	NBN	0.0131652	0.872206	1.02773	1.02773	0.000386482	0.382125	-2.61695	0.00659867	0.549204	-1.82082	0.347718	0.848505	-1.17854	0.0701424	0.708926	-1.41058
cg25546488	NBN	0.0137976	0.540895	1.30496	1.30496	0.836119	0.914784	-1.09315	0.0259917	0.321021	-3.11506	0.657111	0.82522	-1.2118	0.040396	0.361311	-2.7677
cg10410170	NBN	0.0178313	0.00144239	0.167764	-5.96075	0.245361	0.624371	-1.60161	0.0698401	0.455734	-2.19426	0.0223142	0.345952	-2.89058	0.0106489	0.288009	-3.47211
cg06378244	NBPF1	0.00495297	0.0181802	0.689134	-1.4511	0.0374331	1.36824	1.36824	0.832756	0.972919	-1.02783	0.984519	0.997484	-1.00252	0.000176668	0.43804	-2.2829
cg03649238	NBPF1	0.00498051	0.0131757	0.776662	-1.28756	0.0411359	1.21382	1.21382	0.00390401	1.37644	1.37644	0.157224	0.883029	-1.13247	0.846311	1.01609	1.01609
cg19627864	NBPF1	0.0177776	0.124486	1.35747	1.35747	0.582551	1.10739	1.10739	0.786259	1.05121	1.05121	0.704709	0.932431	-1.07247	0.757887	1.05846	1.05846
cg08135460	NBPF1	0.0250475	0.00477607	0.534659	-1.87035	0.129115	0.760251	-1.31535	0.00923153	0.575601	-1.73731	0.0749451	0.717845	-1.39306	0.012765	0.596234	-1.67719
cg00297334	NBPF10	0.0264186	0.1452	0.636291	-1.57161	0.596568	1.16695	1.16695	0.194072	0.672279	-1.48748	0.738486	0.907705	-1.10168	0.00253851	0.29798	-3.35593
cg02973441	NBPF10	0.0326622	0.0300522	0.473559	-2.11167	0.100419	0.59026	-1.69417	0.0329795	0.48167	-2.07611	0.0692379	0.551319	-1.81383	0.00828172	0.371975	-2.68835
cg00863986	NBPF15	0.00375918	0.397385	1.16111	1.16111	0.00083904	2.37745	2.37745	0.09212	0.726448	-1.37656	0.179991	0.782353	-1.27819	0.0310128	1.54722	1.54722
cg25374173	NBPF16;NBPF15;NBPF15	0.018881	0.0330945	0.491701	-2.03376	0.0381784	0.50432	-1.98287	0.039489	0.507344	-1.97105	0.0395856	0.507563	-1.9702	0.00447471	0.339586	-2.94476
cg16116244	NBPF1;NBPF1	0.0314573	0.130506	0.72458	-1.38011	0.336865	0.822554	-1.21573	0.775415	1.05805	1.05805	0.488208	1.14904	1.14904	0.305729	0.81122	-1.23271
cg17947156	NBPF22P	0.00586982	0.00752954	0.428922	-2.33143	0.0560807	0.587079	-1.70335	0.149659	0.683713	-1.4626	0.000797522	0.28749	-3.47838	0.00117963	0.309984	-3.22597
cg00349071	NBPF3	0.000945363	0.220326	1.16477	1.16477	0.0030624	0.618791	-1.61605	7.04E-05	0.423815	-2.35952	0.0176638	1.40718	1.40718	0.0571549	0.775144	-1.29008
cg26885858	NBPF3	0.00575612	0.248957	0.709429	-1.40958	0.16428	1.52617	1.52617	0.94267	1.0207	1.0207	0.560897	0.84577	-1.18235	0.964862	1.01263	1.01263
cg04157804	NBPF3	0.012735	0.020951	0.796736	-1.25512	0.08997	0.858244	-1.16517	0.0150195	0.783081	-1.27701	0.0049226	0.737335	-1.35624	0.00603744	0.745737	-1.34096
cg02656959	NBPF3	0.0193588	0.0240282	0.70659	-1.41525	0.628477	0.939027	-1.06493	0.060796	1.31352	1.31352	0.0241162	0.706799	-1.41483	0.0282278	0.715852	-1.39694
cg21906605	NBPF3;NBPF3	3.42E-08	0.000580507	0.707153	-1.41412	0.000167731	1.51764	1.51764	0.000231619	1.48873	1.48873	0.000610385	1.41034	1.41034	0.132299	0.899631	-1.11157
cg11658955	NBPF3;NBPF3	0.000232407	0.948981	1.02258	1.02258	0.0765843	1.98839	1.98839	0.281565	1.47772	1.47772	0.00187441	0.214634	-4.65908	5.87E-06	0.0286462	-34.9086
cg22190291	NBPF3;NBPF3	0.0341433	0.00694507	0.244452	-4.09079	0.342487	1.46235	1.46235	0.10565	0.499972	-2.00011	?	?	?	?	?	?
cg17080021	NBPF7	0.000349302	0.00115429	0.324428	-3.08234	0.0054273	0.422092	-2.36915	0.0242289	0.530821	-1.88387	0.209775	0.73227	-1.36562	0.000691623	0.294987	-3.38998
cg10628295	NBPF7	0.0261042	0.0175829	0.521076	-1.91911	0.00744516	0.459478	-2.17638	0.0233738	0.383395	-2.60827	0.162019	0.713987	-1.40058	0.182081	0.72646	-1.37654
cg04954241	NBPF7	0.0487788	0.401575	0.800927	-1.24855	0.131401	0.656318	-1.52365	0.30083	0.757902	-1.31943	0.010603	0.435604	-2.29566	0.058825	0.575911	-1.73638
cg16463564	NBR1;NBR1	0.000312835	0.00043551	0.373035	-2.68072	0.000726735	2.4876	2.4876	0.000755374	2.47396	2.47396	0.0713857	1.42918	1.42918	0.229983	1.25027	1.25027
cg15191021	NBR1;NBR1	0.000604396	0.00208185	0.35524	-2.815	0.000186029	4.5143	4.5143	0.000524349	3.63659	3.63659	0.018796	1.97376	1.97376	0.685099	1.10228	1.10228
cg15109179	NBR1;NBR1;NBR1	7.95E-05	0.0843926	0.890528	-1.12293	0.000437168	1.40144	1.40144	0.0640579	1.13473	1.13473	0.739469	0.979935	-1.02048	0.000171802	0.678611	-1.4736
cg14780845	NBR1;NBR1;NBR1	0.00246297	0.361052	0.934063	-1.07059	0.0309329	0.831881	-1.2021	0.164864	0.897951	-1.11365	0.848973	0.986246	-1.01395	0.569084	1.04269	1.04269
cg17142723	NBR1;NBR1;NBR1	0.00433554	0.00405161	0.226282	-4.41926	0.00128696	0.164225	-6.08922	0.00857601	0.274994	-3.63644	0.0422596	0.406245	-2.46157	0.00187858	0.183161	-5.45969
cg08517792	NBR1;NBR1;NBR1	0.00495828	0.0843668	1.2457	1.2457	0.000896056	0.564302	-1.7721	0.970741	0.995788	-1.00423	0.347236	1.11781	1.11781	0.384223	0.902427	-1.10812
cg15707978	NBR1;NBR1;NBR1	0.015224	0.0307364	0.315842	-3.16614	0.0133803	0.248744	-4.0202	0.322782	0.628856	-1.59019	0.0497789	0.361918	-2.76306	0.00212903	0.140794	-7.10255
cg26081003	NBR1;NBR1;NBR1	0.0212007	0.958138	1.03394	1.03394	0.376962	1.78384	1.78384	?	?	?	0.0268158	0.180254	-5.54773	0.772497	0.831597	-1.20251
cg08893117	NBR1;NBR1;NBR1	0.0257655	0.42556	0.781027	-1.28037	0.212059	1.49073	1.49073	0.0881074	1.77117	1.77117	0.0714938	1.84289	1.84289	0.0318231	0.465706	-2.14728
cg20865239	NBR1;NBR1;NBR1;NBR1	0.00128286	0.000243876	0.0631007	-15.8477	0.000472777	0.0838106	-11.9317	0.022284	3.25439	3.25439	?	?	?	0.0721369	2.35048	2.35048
cg04524477	NBR1;TMEM106A;NBR1;NBR1	3.54E-05	?	?	?	0.00499406	2.54009	2.54009	0.000205726	4.75935	4.75935	0.0488087	1.75863	1.75863	0.000168572	4.98344	4.98344
cg08377924	NBR1;TMEM106A;NBR1;NBR1	0.0256539	0.106626	0.469824	-2.12846	0.0236067	3.18644	3.18644	0.0371142	2.82272	2.82272	0.112925	2.09549	2.09549	0.0392612	2.78072	2.78072
cg21504064	NBR1;TMEM106A;NBR1;NBR1	0.0467822	0.0527677	0.559729	-1.78658	0.539452	0.848949	-1.17793	0.300189	1.32708	1.32708	0.29237	0.749805	-1.33368	0.0372498	1.89141	1.89141
cg19015955	NBR2	0.00757648	0.0187312	1.63249	1.63249	0.000655016	2.45591	2.45591	0.675033	1.07524	1.07524	0.149448	1.30461	1.30461	0.00186775	2.13644	2.13644
cg04251543	NBR2	0.0103982	0.256869	0.76592	-1.30562	0.0270845	0.554505	-1.80341	0.0067179	0.452881	-2.20808	0.70576	0.918074	-1.08924	0.000735323	0.31477	-3.17692
cg19179150	NBR2	0.0332542	0.168462	1.34696	1.34696	0.0489109	1.57839	1.57839	0.36977	1.20556	1.20556	0.990885	0.997684	-1.00232	0.00825286	1.98507	1.98507
cg14687471	NBR2	0.0354742	0.280705	0.84123	-1.18874	0.131654	1.28522	1.28522	0.183388	0.804406	-1.24315	0.503673	0.90065	-1.11031	0.286828	1.18594	1.18594
cg21253966	NBR2;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1	0.0308829	0.00256455	0.344143	-2.90577	0.541682	1.17067	1.17067	0.201284	1.41092	1.41092	0.00819575	0.421945	-2.36998	0.124546	0.654306	-1.52834
cg00569101	NCALD	0.00593307	0.541921	0.894196	-1.11832	0.448364	1.15022	1.15022	0.000355587	0.353996	-2.82489	0.704228	1.07152	1.07152	0.28399	1.22337	1.22337
cg07056138	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.00661485	0.00194176	0.126963	-7.87633	0.0189578	0.262488	-3.80971	0.00227242	0.134015	-7.46187	0.0225296	0.276303	-3.61922	0.00975569	0.214676	-4.65819
cg15842116	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.0237675	0.0205369	0.692582	-1.44387	0.250821	0.8539	-1.1711	0.779199	1.03769	1.03769	0.94057	1.00986	1.00986	0.357016	1.1328	1.1328
cg18304186	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.0264943	0.475377	1.15131	1.15131	0.148369	1.35115	1.35115	0.106493	0.710233	-1.40799	0.605914	0.903908	-1.10631	0.002932	0.452374	-2.21056
cg20552220	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.0320942	0.0153566	0.275597	-3.62849	0.0140531	0.2689	-3.71885	0.0164506	0.280888	-3.56014	0.132329	0.494824	-2.02092	0.121884	0.483669	-2.06753
cg09814849	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.0321474	0.571794	0.88316	-1.1323	0.0012972	0.36097	-2.77032	0.0936387	0.669689	-1.49323	0.0685545	0.641869	-1.55795	0.959118	0.988915	-1.01121
cg19135230	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.04455	0.59289	1.06619	1.06619	0.00248001	1.64795	1.64795	0.0169414	1.41328	1.41328	0.169609	1.18977	1.18977	0.509422	0.923594	-1.08273
cg10938478	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.0473829	0.773497	1.10087	1.10087	0.153764	1.66291	1.66291	0.104654	1.80515	1.80515	0.646867	1.16604	1.16604	0.0659484	1.98778	1.98778
cg26782361	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.000478873	0.000229099	0.237842	-4.20448	0.000264233	0.245071	-4.08045	0.000987645	0.317019	-3.15438	0.0215477	0.523254	-1.91112	0.182139	0.717289	-1.39414
cg27637873	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.000521329	0.0033793	0.42414	-2.35771	0.000245672	0.27157	-3.6823	0.00408047	0.436317	-2.29191	0.766156	0.937838	-1.06628	0.128506	0.702206	-1.42408
cg20039257	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.00122721	0.0246982	0.428238	-2.33515	8.84E-05	0.107871	-9.27035	0.0153987	0.389507	-2.56735	0.685613	1.13775	1.13775	0.212365	1.51668	1.51668
cg01484156	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.00183858	0.46675	0.835778	-1.19649	0.00222484	0.354215	-2.82315	0.00188337	0.343906	-2.90777	0.0727417	1.62405	1.62405	0.999522	1.00015	1.00015
cg16265707	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.00381991	0.00866163	0.303696	-3.29277	0.000776903	0.163489	-6.11663	0.0027333	0.229232	-4.36239	0.0331498	0.411916	-2.42768	0.0488178	0.448767	-2.22833
cg06671962	NCAM1;NCAM1	0.000634396	0.0257823	2.0059	2.0059	0.701263	0.903623	-1.10666	0.00918403	2.38621	2.38621	0.0596185	1.74876	1.74876	6.45E-05	0.145074	-6.89302
cg25411363	NCAM1;NCAM1	0.00684119	0.00523376	2.81319	2.81319	0.00664015	2.68911	2.68911	0.0117019	2.4218	2.4218	0.0294109	2.05505	2.05505	0.336516	1.32082	1.32082
cg18891037	NCAM1;NCAM1	0.0320882	0.0338339	1.95678	1.95678	0.0637611	1.75876	1.75876	0.720698	0.907316	-1.10215	0.0228181	2.09189	2.09189	0.193423	0.688774	-1.45185
cg20213962	NCAM1;NCAM1	0.0417006	0.0302057	1.68369	1.68369	0.390063	0.83523	-1.19728	0.331326	1.2274	1.2274	0.427098	0.847247	-1.18029	0.0645584	1.52874	1.52874
cg04102296	NCAM1;NCAM1	0.0418096	0.130991	2.59651	2.59651	0.279996	0.518328	-1.92928	0.268421	0.50941	-1.96305	0.342489	1.7723	1.7723	0.209545	2.16817	2.16817
cg20297670	NCAM1;NCAM1;NCAM1	0.00151711	0.381748	0.890121	-1.12344	0.198231	0.838254	-1.19296	0.345853	0.881646	-1.13424	0.00695765	1.57309	1.57309	5.89E-05	0.380966	-2.6249
cg10518282	NCAM1;NCAM1;NCAM1	0.00254125	0.254192	1.5824	1.5824	0.403986	1.3898	1.3898	0.89726	1.05106	1.05106	0.0222749	2.87462	2.87462	0.00282921	0.204977	-4.87859
cg08743050	NCAM1;NCAM1;NCAM1	0.0055265	0.246753	0.752656	-1.32863	0.791478	0.939728	-1.06414	0.209967	0.73348	-1.36336	0.00718493	2.25717	2.25717	0.08467	0.639301	-1.56421
cg25132257	NCAM1;NCAM1;NCAM1	0.00568371	0.821289	1.10707	1.10707	0.000897592	9.3443	9.3443	0.109109	2.19349	2.19349	0.90189	1.05701	1.05701	0.00680121	0.206684	-4.83831
cg11994052	NCAM1;NCAM1;NCAM1	0.00948273	0.0837195	1.47025	1.47025	0.84975	0.962531	-1.03893	0.66806	1.09075	1.09075	0.895541	0.973895	-1.02681	0.00794529	0.503921	-1.98444
cg22173837	NCAM1;NCAM1;NCAM1	0.0181179	0.1168	0.562569	-1.77756	0.00291972	0.25145	-3.97693	0.882935	1.051	1.051	0.802932	0.91905	-1.08808	0.0146015	0.362292	-2.7602
cg02629138	NCAM1;NCAM1;NCAM1	0.045444	0.304082	0.922153	-1.08442	0.136136	1.13007	1.13007	0.626464	1.03805	1.03805	0.10573	1.14403	1.14403	0.0220801	0.811391	-1.23245
cg19624354	NCAM1;NCAM1;NCAM1	0.0457057	0.718983	1.11252	1.11252	0.0728419	1.80491	1.80491	0.150586	1.57564	1.57564	0.0180961	2.33297	2.33297	0.777237	1.08731	1.08731
cg20268522	NCAM1;NCAM1;NCAM1;NCAM1;NCAM1;NCAM1	0.000945099	0.0148685	1.24076	1.24076	0.0158487	1.23712	1.23712	0.000584428	1.46634	1.46634	0.0215616	1.21986	1.21986	0.242187	1.09214	1.09214
cg13692433	NCAM1;NCAM1;NCAM1;NCAM1;NCAM1;NCAM1	0.0478049	0.714587	0.964048	-1.03729	0.0317207	1.28532	1.28532	0.00624105	1.42665	1.42665	0.803429	1.02517	1.02517	0.0154359	1.34482	1.34482
cg13297960	NCAM2	0.0148517	0.0466921	7.62299	7.62299	0.0583379	6.7385	6.7385	0.718044	1.38178	1.38178	0.143568	0.246204	-4.06168	0.251143	0.34325	-2.91333
cg19556343	NCAM2	0.0158999	0.0157696	13.0139	13.0139	0.0771966	5.49747	5.49747	0.945677	0.942605	-1.06089	0.334166	0.421473	-2.37263	0.94031	1.06712	1.06712
cg18128969	NCAM2	0.0431725	0.0251518	14.4982	14.4982	0.125808	5.27683	5.27683	0.48661	2.03355	2.03355	0.979547	0.974588	-1.02608	0.328738	2.75157	2.75157
cg25818292	NCAM2;NCAM2	0.0413289	0.350221	1.51462	1.51462	0.0763472	0.42685	-2.34274	0.267432	0.607247	-1.64678	0.964545	0.980991	-1.01938	0.560846	1.28906	1.28906
cg21204606	NCAN	5.56E-06	6.55E-06	0.407334	-2.45499	2.86E-06	0.366983	-2.72492	0.00341822	0.700429	-1.4277	0.00605791	1.3783	1.3783	6.89E-06	0.409815	-2.44012
cg02028332	NCAN	0.00190036	0.00336949	3.10151	3.10151	0.0453964	1.91821	1.91821	0.346841	1.31646	1.31646	0.0609751	1.82099	1.82099	0.122396	1.60826	1.60826
cg13312094	NCAN	0.00601727	0.00112518	0.190089	-5.26069	0.180213	0.610928	-1.63686	0.146888	0.583287	-1.71442	0.0131043	0.344582	-2.90207	0.00211915	0.224054	-4.46321
cg20100545	NCAN	0.00999853	0.0678394	0.493902	-2.02469	0.000483882	0.151501	-6.60061	0.0185413	0.37354	-2.67709	0.457594	0.770372	-1.29807	0.0466294	0.455767	-2.19411
cg02918253	NCAN	0.0262032	0.818197	1.08826	1.08826	0.00420124	0.24451	-4.08981	0.238768	0.63556	-1.57342	0.0599545	2.18066	2.18066	0.708622	0.871181	-1.14787
cg19349283	NCAN	0.0301206	0.0242932	0.420576	-2.37769	0.0486142	0.483525	-2.06815	0.0359155	0.455056	-2.19753	0.92964	1.0289	1.0289	0.00905955	0.343008	-2.91538
cg26835798	NCAPD2	0.0126692	0.0177321	0.651368	-1.53523	0.0613248	0.730947	-1.36809	0.0512475	0.718928	-1.39096	0.0673746	0.737337	-1.35623	0.00249781	0.535524	-1.86733
cg00026857	NCAPD2	0.0130959	0.0441376	0.657958	-1.51985	0.0943269	0.716822	-1.39505	0.26099	0.808791	-1.23641	0.0513508	1.49422	1.49422	0.0404557	1.53481	1.53481
cg16399745	NCAPD2	0.0369779	0.042272	0.355134	-2.81583	0.0420713	0.35467	-2.81952	0.0805707	0.424146	-2.35768	0.197876	0.547552	-1.82631	0.0434582	0.357846	-2.7945
cg10383428	NCAPD2	0.0495559	0.0356519	0.188152	-5.31485	0.0246337	0.160692	-6.2231	0.200599	0.397109	-2.5182	0.204885	0.400973	-2.49393	0.0251629	0.162162	-6.16667
cg12660026	NCAPD2;MRPL51	0.0455843	?	?	?	0.806329	1.14111	1.14111	0.348502	1.67984	1.67984	0.825013	0.887804	-1.12637	?	?	?
cg02304656	NCAPD2;MRPL51	0.0491755	?	?	?	0.768868	1.17164	1.17164	0.190476	2.12029	2.12029	0.236433	1.95694	1.95694	0.19697	2.09435	2.09435
cg08287344	NCAPD3	0.000554287	0.000427422	0.171205	-5.84095	0.00121124	0.223212	-4.48005	0.000883193	0.206526	-4.842	0.0323675	0.452499	-2.20995	0.000905762	0.207829	-4.81164
cg24968964	NCAPD3	0.0117164	0.289001	0.795927	-1.2564	0.913901	0.977822	-1.02268	0.491526	0.86512	-1.15591	0.943906	1.0147	1.0147	0.000307436	0.296676	-3.37068
cg18755698	NCAPD3	0.0203763	0.144061	0.620985	-1.61034	0.164946	0.63781	-1.56786	0.192912	0.65815	-1.51941	0.733467	1.10934	1.10934	0.000651915	0.204602	-4.88754
cg18568748	NCAPD3	0.0406982	0.445698	0.874197	-1.14391	0.0239067	1.59378	1.59378	0.186366	0.784827	-1.27417	0.124802	0.750218	-1.33295	0.00585039	0.535786	-1.86642
cg20361571	NCAPD3	0.0457172	0.987855	0.995827	-1.00419	0.00133533	0.27766	-3.60153	0.0448862	0.531268	-1.88229	0.746843	1.09307	1.09307	0.588585	1.16188	1.16188
cg05469916	NCAPG2	0.00218349	0.0942528	0.836616	-1.19529	0.0279797	0.777425	-1.2863	0.0541738	0.80904	-1.23603	0.00258926	0.667076	-1.49908	0.00209765	0.657288	-1.5214
cg11951909	NCAPG2	0.00544195	0.00614712	0.780659	-1.28097	0.000704999	1.42998	1.42998	0.74273	0.977442	-1.02308	0.108546	0.885806	-1.12892	0.435629	0.946394	-1.05664
cg22277672	NCAPG2	0.012799	0.204502	1.5752	1.5752	0.00480162	0.280833	-3.56084	0.00505655	0.284222	-3.51837	0.0139263	0.35668	-2.80363	0.186059	0.621399	-1.60927
cg03509813	NCAPG;DCAF16	0.00243221	0.625088	0.916428	-1.09119	0.071206	1.4292	1.4292	0.073872	1.42341	1.42341	0.147383	1.31719	1.31719	0.0806294	0.709382	-1.40968
cg11390445	NCAPG;DCAF16	0.00511623	0.000303585	0.0910028	-10.9887	0.556416	1.27492	1.27492	0.484213	1.33676	1.33676	0.952422	1.02466	1.02466	0.334578	0.666103	-1.50127
cg10333701	NCAPG;DCAF16	0.0084544	0.0852947	0.753316	-1.32746	0.658183	1.06855	1.06855	0.0109353	1.60896	1.60896	0.0402071	1.42328	1.42328	0.070783	1.35071	1.35071

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03884082	0.00624643	0.769869	-1.29892	0.0035548	0.748337	-1.3363	0.0145694	0.801872	-1.24708	0.0182787	1.23392	1.23392	22.1266	1.88724	0.0758159	1
cg23295592	0.207522	0.805688	-1.24118	0.000174197	0.354983	-2.81704	0.0775517	0.726921	-1.37567	0.0171277	0.623536	-1.60376	8.61604	3.60618	0.372038	1
cg21057046	0.0170774	2.72884	2.72884	0.00630604	3.41539	3.41539	0.0924929	1.8951	1.8951	0.00564522	3.50456	3.50456	7.67394	14.4888	1.67827	1
cg10555159	0.138633	0.778955	-1.28377	0.00933777	0.596533	-1.67635	0.156883	1.26775	1.26775	0.126458	1.2957	1.2957	5.02342	1.95344	0.34566	1
cg07147364	0.0545648	3.47218	3.47218	0.0491775	3.6025	3.6025	0.0820166	3.00376	3.00376	0.0277352	4.41543	4.41543	4.59175	23.6932	4.58662	1
cg03048314	0.165821	2.98002	2.98002	0.480021	1.69972	1.69972	0.0126224	9.88681	9.88681	0.019989	7.96031	7.96031	4.58385	39.6311	7.68515	1
cg16650717	0.146393	5.49001	5.49001	0.994465	1.00761	1.00761	0.0135287	28.1779	28.1779	0.0207205	20.949	20.949	4.18754	79.1307	16.7971	1
cg22322465	0.365293	0.902572	-1.10794	0.0748636	0.803621	-1.24437	1.67E-07	5.95621	5.95621	0.352141	0.899862	-1.11128	36.2869	6.97889	0.170956	1
cg21030607	0.000197621	0.352089	-2.84019	1.33E-05	0.218135	-4.58431	9.09E-05	3.21372	3.21372	0.138786	0.766485	-1.30466	30.8364	13.6029	0.392115	1
cg16750157	0.74641	0.907653	-1.10174	0.456029	0.797156	-1.25446	3.60E-06	25.6299	25.6299	0.20225	1.49488	1.49488	19.0892	26.9601	1.2554	1
cg19095920	0.088751	0.642867	-1.55553	0.00038936	0.264242	-3.78441	0.00445041	2.44229	2.44229	0.0776974	0.630387	-1.58633	10.7245	9.40631	0.779631	1
cg18575740	0.820626	0.953394	-1.04888	0.0408924	0.608995	-1.64205	0.000114916	4.14428	4.14428	0.140875	1.39494	1.39494	10.1697	7.11328	0.62174	1
cg10024909	0.366421	1.306	1.306	0.0275285	0.472398	-2.11686	0.0107334	2.51538	2.51538	0.343026	0.754985	-1.32453	8.38817	10.9972	1.16537	1
cg15234400	0.0223974	0.352346	-2.83812	0.0318725	0.383313	-2.60883	0.178573	1.72443	1.72443	0.239179	0.625019	-1.59995	7.80517	17.9699	2.0465	1
cg21382382	0.741922	0.925653	-1.08032	0.383645	0.811523	-1.23225	0.000289491	3.98354	3.98354	0.988776	0.996717	-1.00329	7.74828	6.70675	0.769404	1
cg24087743	0.852254	1.02168	1.02168	0.535863	0.930423	-1.07478	9.47E-05	2.22552	2.22552	0.719507	1.04236	1.04236	7.71203	1.61622	0.186285	1
cg11236429	0.328939	0.546445	-1.83001	0.186504	0.430233	-2.32432	0.000242797	51.5848	51.5848	0.8833	0.916055	-1.09164	7.72637	37.936	4.2962	1
cg21383280	0.0647735	0.721978	-1.38508	0.00884349	0.592494	-1.68778	0.534405	1.10387	1.10387	0.91313	0.983007	-1.01729	6.40889	2.50365	0.347247	1
cg05828497	0.00962349	0.219934	-4.54681	0.0904853	2.36779	2.36779	0.0214276	3.58649	3.58649	0.778934	1.13888	1.13888	5.71967	19.3438	3.0062	1
cg07639489	0.620099	0.810625	-1.23362	0.0702272	0.427282	-2.34038	0.00204675	6.20718	6.20718	0.814841	0.906139	-1.10358	4.8346	13.5162	2.48509	1
cg24950233	0.0504185	0.60005	-1.66653	0.14123	0.696005	-1.43677	0.0127993	2.03038	2.03038	0.408784	1.2135	1.2135	4.50214	3.74068	0.738549	1
cg09339763	2.34E-06	0.0905007	-11.0496	0.0310379	1.69717	1.69717	6.10E-06	8.30388	8.30388	0.00491753	2.17827	2.17827	46.4108	32.0911	0.614629	1
cg10509254	0.406994	0.844238	-1.1845	0.00313868	2.23903	2.23903	6.20E-07	15.3153	15.3153	0.550847	1.12802	1.12802	36.2714	22.8901	0.56096	1
cg07681935	0.137255	1.55286	1.55286	0.00389192	0.343421	-2.91188	2.07E-07	75.9178	75.9178	0.381282	1.28006	1.28006	33.7354	40.3922	1.06429	1
cg19178853	0.0229857	0.461089	-2.16878	0.704014	0.897044	-1.11477	8.06E-07	43.0279	43.0279	0.0342991	0.495147	-2.0196	25.3791	32.5697	1.14074	1
cg22517735	0.0149175	0.514235	-1.94464	0.103628	0.673412	-1.48498	0.000301922	3.6886	3.6886	0.241759	1.31285	1.31285	11.6408	9.09894	0.694791	1
cg15707093	0.231189	0.659345	-1.51666	0.203852	1.5601	1.5601	1.32E-05	20.6875	20.6875	0.725689	1.12392	1.12392	10.814	18.837	1.54837	1
cg08905895	0.027043	0.351825	-2.84232	0.000684493	7.92455	7.92455	0.000180179	12.5531	12.5531	0.275435	1.57269	1.57269	9.7229	24.5234	2.24198	1
cg15195321	0.882868	0.949241	-1.05347	0.0178421	0.361497	-2.76627	0.0027134	4.3204	4.3204	0.914357	1.03874	1.03874	6.36028	12.5764	1.75763	1
cg20641355	0.271118	0.786818	-1.27094	0.00265926	2.38617	2.38617	0.943829	0.985362	-1.01486	0.48323	1.1608	1.1608	5.8717	4.07246	0.61651	1
cg00797142	0.843876	1.03407	1.03407	0.24351	0.812739	-1.23041	0.143421	0.765559	-1.30624	0.226982	0.806121	-1.24051	5.40779	2.47264	0.406434	1
cg25546488	0.0187137	0.293691	-3.40494	0.00110076	0.126313	-7.91687	0.37817	1.47521	1.47521	0.0280421	0.327649	-3.05205	5.3253	15.5941	2.60293	1
cg10410170	0.118954	0.518929	-1.92705	0.0502582	0.42099	-2.37535	0.909556	0.956906	-1.04503	0.398063	1.39851	1.39851	4.89058	11.6385	2.11536	1
cg06378244	0.385042	1.12257	1.12257	0.544338	1.08293	1.08293	0.13049	0.808944	-1.23618	0.677296	1.05584	1.05584	7.35979	1.96475	0.237295	1
cg03649238	0.0248118	0.802753	-1.24571	0.295163	0.914588	-1.09339	0.846972	1.01602	1.01602	0.00368404	1.38102	1.38102	7.34735	0.786985	0.0952101	1
cg19627864	0.340657	1.19774	1.19774	0.000420951	0.358083	-2.79265	0.527124	1.12495	1.12495	0.280322	1.22901	1.22901	4.89554	2.61781	0.475319	1
cg08135460	0.464541	0.883006	-1.1325	0.178202	1.27012	1.27012	0.285879	0.830889	-1.20353	0.441672	0.877101	-1.14012	4.35436	1.92672	0.393317	1
cg00297334	0.221266	1.45005	1.45005	0.0200928	0.444633	-2.24904	0.479644	1.23082	1.23082	0.0359931	0.494121	-2.0238	4.27414	5.65413	1.17588	1
cg02973441	0.0318353	0.478575	-2.08954	0.00974508	0.383809	-2.60546	0.204596	0.675619	-1.48012	0.0288721	0.470101	-2.1272	3.96467	5.38812	1.20803	1
cg00863986	0.45662	0.877495	-1.13961	0.025352	0.632429	-1.58121	0.0134878	1.69415	1.69415	0.0131667	1.69868	1.69868	8.00059	3.76494	0.418296	1
cg25374173	0.0208415	0.452736	-2.20879	0.0199426	0.449159	-2.22638	0.29097	0.73182	-1.36646	0.00534451	0.351543	-2.84461	4.79724	6.16763	1.14281	1
cg16116244	0.0740708	0.675227	-1.48098	0.000984451	0.380465	-2.62836	0.959033	0.989917	-1.01019	0.0475748	0.63953	-1.56365	4.01838	2.47689	0.547903	1
cg17947156	0.0230677	0.512291	-1.95201	0.0154306	0.481158	-2.07832	0.274403	0.755841	-1.32303	0.0211871	0.505583	-1.97792	6.98628	6.70355	0.852916	1
cg00349071	0.671465	0.950759	-1.05179	0.429736	1.1001	1.1001	0.0179222	1.40564	1.40564	0.358462	0.894255	-1.11825	11.9553	2.65248	0.197214	1
cg26885858	0.0873393	0.584081	-1.71209	0.404607	1.27498	1.27498	0.000105216	7.04093	7.04093	0.510185	1.20961	1.20961	7.0285	9.03401	1.14252	1
cg04157804	0.178951	1.12388	1.12388	0.0208593	0.796556	-1.2554	0.137047	0.877213	-1.13997	0.931031	1.00711	1.00711	5.46677	0.579281	0.0941902	1
cg02656959	0.195232	0.837981	-1.19334	0.0136304	1.4825	1.4825	0.696919	1.0518	1.0518	0.665523	0.945428	-1.05772	4.75686	1.25419	0.234363	1
cg21906605	0.00929258	0.80662	-1.23974	4.86E-10	0.109791	-9.10823	0.00733169	0.798439	-1.25244	0.00031515	1.46251	1.46251	172.564	11.5892	0.0596968	1
cg11658955	0.0221184	0.383878	-2.60499	0.0669095	2.0477	2.0477	0.676657	1.15759	1.15759	0.432336	1.32262	1.32262	17.6369	34.0104	1.7141	1
cg22190291	?	?	?	0.195231	1.70664	1.70664	0.213346	1.66686	1.66686	0.17568	0.569902	-1.75469	4.52574	6.99934	1.80432	1
cg17080021	0.00971269	0.462475	-2.16228	1.71E-05	0.125051	-7.99672	0.481698	1.18363	1.18363	0.00124766	0.329022	-3.03931	15.7779	13.8872	0.782375	1
cg10628295	0.0609928	0.620978	-1.61036	0.646616	0.901082	-1.10978	0.79236	1.06134	1.06134	0.546843	0.871469	-1.14749	4.29207	3.46088	0.716749	1
cg04954241	0.145487	0.667549	-1.49802	0.423667	1.23527	1.23527	0.00652143	0.400916	-2.49429	0.083584	0.60947	-1.64077	3.42008	3.6213	0.941188	1
cg16463564	0.213476	0.792692	-1.26152	0.00124994	0.433442	-2.30711	0.0305898	0.637272	-1.56919	0.0551625	0.680078	-1.47042	16.2625	8.10027	0.442751	1
cg15191021	0.0796487	0.628363	-1.59144	0.417458	0.820432	-1.21887	0.13295	0.678944	-1.47288	0.257179	0.753927	-1.32639	13.5563	12.2493	0.803191	1
cg15109179	0.165946	0.914182	-1.09387	4.54E-05	0.626041	-1.59734	0.000934881	1.34979	1.34979	0.00534193	1.24965	1.24965	23.536	1.37491	0.0519266	1
cg14780845	0.000741851	1.45081	1.45081	0.00237609	0.735061	-1.36043	0.00423692	1.32065	1.32065	0.55794	1.04399	1.04399	9.07179	0.758285	0.0742997	1
cg17142723	0.0114268	0.295586	-3.38311	0.00500004	0.239245	-4.17982	0.0176933	0.329286	-3.03687	0.0336429	0.384657	-2.59972	7.66371	17.9945	2.08713	1
cg08517792	0.145465	1.19707	1.19707	0.0241425	0.733884	-1.36261	0.00322773	1.58786	1.58786	0.800379	1.02959	1.02959	7.35739	1.54298	0.186417	1
cg15707978	0.0094674	0.224635	-4.45166	0.00762685	0.210555	-4.74935	0.383804	0.666591	-1.50017	0.0599345	0.38138	-2.62206	5.15535	16.8414	2.90381	1
cg26081003	0.00315265	0.0671737	-14.8868	0.189693	2.43801	2.43801	0.493537	1.55766	1.55766	0.0167762	0.147171	-6.79484	5.21294	29.0487	4.87587	1
cg08893117	0.715195	0.894662	-1.11774	0.0363132	0.477481	-2.09432	0.011448	2.61453	2.61453	0.329431	1.35759	1.35759	4.31169	6.30002	1.2988	1
cg20865239	0.892184	1.05841	1.05841	0.820031	1.1001	1.1001	0.108245	0.475509	-2.10301	0.658482	1.20485	1.20485	13.5251	32.6516	2.11238	1
cg04524477	0.000633691	3.73261	3.73261	0.000383221	0.241144	-4.1469	0.000535468	0.25878	-3.86429	0.00193291	0.332607	-3.00655	29.9152	26.5115	0.88622	1
cg08377924	0.156616	1.91489	1.91489	0.117755	0.482697	-2.07169	0.131678	0.497714	-2.00919	0.283075	0.619888	-1.61319	4.31823	12.5731	2.58812	1
cg21504064	0.513013	0.839571	-1.19108	0.0062607	0.391035	-2.55732	0.256102	0.731642	-1.36679	0.307538	0.756985	-1.32103	3.47449	3.82307	0.978068	1
cg19015955	0.23808	1.2369	1.2369	0.0591387	1.44279	1.44279	0.00799405	1.79466	1.79466	0.0729431	1.41073	1.41073	6.45346	3.02508	0.416669	1
cg04251543	0.869957	0.963751	-1.03761	0.852155	1.04294	1.04294	0.309803	0.789114	-1.26724	0.00567016	0.441386	-2.26559	5.83716	4.69484	0.714935	1
cg19179150	0.00727327	2.01911	2.01911	0.00857152	1.97503	1.97503	0.0794734	1.48452	1.48452	0.278495	1.25697	1.25697	3.93917	2.56993	0.579915	1
cg14687471	0.797082	1.04053	1.04053	0.00194383	1.96572	1.96572	0.285402	0.842753	-1.18659	0.259088	0.833981	-1.19907	3.84833	1.44906	0.334704	1
cg21253966	0.89313	0.966295	-1.03488	0.980702	1.00619	1.00619	0.973189	1.00861	1.00861	0.556692	0.859305	-1.16373	4.04488	4.16807	0.91596	1
cg00569101	0.106355	1.37631	1.37631	0.0107882	1.78624	1.78624	0.238146	0.799469	-1.25083	0.106466	0.726668	-1.37614	6.96322	3.61815	0.461874	1
cg07056138	0.112813	0.443723	-2.25366	0.00547696	0.179149	-5.58195	0.068324	0.382578	-2.61385	0.00779427	0.20025	-4.99375	6.73266	23.6317	3.12001	1
cg15842116	0.617425	1.06853	1.06853	0.00764117	0.636742	-1.57049	0.0118583	0.661332	-1.5121	0.0685588	1.30783	1.30783	4.43431	1.21682	0.24392	1
cg18304186	0.0789947	0.684803	-1.46027	0.0309318	0.61149	-1.63535	0.591141	1.11101	1.11101	0.0543072	0.654475	-1.52794	4.26986	2.54844	0.530528	1
cg20552220	0.0396005	0.356673	-2.80369	0.0214664	0.30217	-3.30939	0.722662	1.16692	1.16692	0.0371333	0.350547	-2.85269	3.98968	11.8572	2.64176	1
cg09814849	0.193849	0.741602	-1.34843	0.16225	1.3833	1.3833	0.663756	1.09979	1.09979	0.219682	0.755285	-1.324	3.98731	2.98627	0.665727	1
cg19135230	0.371209	1.11522	1.11522	0.632609	0.944403	-1.05887	0.515027	0.92459	-1.08156	0.903243	0.98566	-1.01455	3.53881	0.790556	0.198574	1
cg10938478	0.0595615	2.03017	2.03017	0.00330743	3.7902	3.7902	0.0608272	2.02135	2.02135	0.0221306	2.49337	2.49337	3.45782	6.07343	1.56127	1
cg26782361	0.520663	1.16506	1.16506	0.000231764	0.238424	-4.19421	0.301567	1.2855	1.2855	0.0111854	0.474266	-2.10852	14.4626	12.6112	0.775099	1
cg27637873	0.0135804	0.518326	-1.92929	9.77E-05	0.225389	-4.43678	0.0160553	1.88531	1.88531	0.0193931	0.544285	-1.83727	14.1258	10.3589	0.651851	1
cg20039257	0.0625406	0.514457	-1.9438	0.000657464	0.191067	-5.23376	0.164817	1.59982	1.59982	0.362765	0.743332	-1.34529	11.1005	17.6776	1.41556	1
cg01484156	0.0153185	0.486233	-2.05663	0.00113497	0.313542	-3.18936	0.00144882	0.327998	-3.0488	0.552897	1.15652	1.15652	9.8808	9.18212	0.826035	1
cg16265707	0.16233	0.58786	-1.70109	0.000564063	0.149059	-6.70875	0.0524935	0.456029	-2.19284	0.0571417	0.464668	-2.15207	7.96215	15.9929	1.78544	1
cg06671962	0.00208956	0.320295	-3.12212	0.148903	0.665645	-1.5023	0.0553864	1.76992	1.76992	0.993351	0.997812	-1.00219	13.3742	14.6422	0.973166	1
cg25411363	0.00272581	3.19634	3.19634	0.00334743	3.06827	3.06827	0.0440415	1.91502	1.91502	0.00779937	2.60938	2.60938	6.66259	8.3201	1.11003	1
cg18891037	0.111462	1.59951	1.59951	0.0121913	2.33085	2.33085	0.0252008	2.05683	2.05683	0.139791	1.53796	1.53796	3.98995	4.63835	1.03334	1
cg20213962	0.0119464	0.526657	-1.89877	0.0658251	0.655751	-1.52497	0.737944	1.07106	1.07106	0.614649	0.901428	-1.10935	3.62693	2.40056	0.588329	1
cg04102296	0.0168367	0.181484	-5.51013	0.148689	0.403997	-2.47527	0.0426256	3.9189	3.9189	0.0949985	2.92576	2.92576	3.62342	19.6489	4.82022	1
cg20297670	0.632274	0.939361	-1.06455	0.00534574	0.62122	-1.60974	0.361836	1.12932	1.12932	0.327674	0.87713	-1.14008	10.4454	2.78514	0.237011	1
cg10518282	0.00519528	4.14438	4.14438	0.00165703	5.66939	5.66939	0.00493557	4.20064	4.20064	0.0236837	2.8322	2.8322	8.98863	21.1513	2.09166	1
cg08743050	0.540099	1.15663	1.15663	0.0338405	0.55919	-1.7883	0.000561732	3.50678	3.50678	0.457805	1.19408	1.19408	7.11704	6.20378	0.774825	1
cg25132257	0.300406	0.617281	-1.62001	0.0491036	0.364265	-2.74526	0.0306355	3.13235	3.13235	0.313824	0.626052	-1.59731	7.05594	22.5865	2.84539	1
cg11994052	0.0118799	0.531346	-1.88201	0.00235442	0.425489	-2.35024	0.083148	1.47152	1.47152	0.127399	0.717521	-1.39369	6.01168	3.8608	0.570859	1
cg22173837	0.213721	0.642752	-1.55581	0.00182617	0.224181	-4.46069	0.277598	0.683052	-1.46402	0.166247	0.607527	-1.64602	4.86443	8.78056	1.60449	1
cg02629138	0.581359	0.958482	-1.04332	0.00613628	0.761649	-1.31294	0.811616	0.981984	-1.01835	0.999462	1.00005	1.00005	3.51258	0.322529	0.0816188	1
cg19624354	0.785644	1.08377	1.08377	0.385889	0.769266	-1.29994	0.00350007	3.21869	3.21869	0.0811366	1.76938	1.76938	3.50502	4.83419	1.22597	1
cg20268522	0.0884643	0.873421	-1.14492	0.000491262	0.674953	-1.48159	0.0820767	0.870471	-1.1488	0.517738	0.953876	-1.04835	11.9563	0.98186	0.0729965	1
cg13692433	0.306373	1.11134	1.11134	0.686602	1.04126	1.04126	0.670952	0.958294	-1.04352	0.0509007	1.2482	1.2482	3.44627	0.542403	0.139901	1
cg13297960	0.0512649	7.23864	7.23864	0.03262	9.30026	9.30026	0.00537729	26.2741	26.2741	0.00765805	21.2626	21.2626	5.19774	65.4726	11.1968	1
cg19556343	0.0200782	11.3929	11.3929	0.0175722	12.2589	12.2589	0.00590988	22.7299	22.7299	0.00884107	18.011	18.011	5.08159	60.5541	10.5923	1
cg18128969	0.0357875	11.6219	11.6219	0.0189009	17.371	17.371	0.0109155	24.7354	24.7354	0.017114	18.5058	18.5058	3.58051	57.1745	14.194	1
cg25818292	0.0306746	0.334132	-2.99283	0.0350859	0.346434	-2.88656	0.0198721	3.36651	3.36651	0.287047	1.61173	1.61173	3.63897	10.7442	2.62448	1
cg21204606	0.928009	1.00812	1.00812	9.89E-06	0.427428	-2.33957	7.48E-05	0.525342	-1.90352	0.0164722	0.769274	-1.29993	47.2302	5.99326	0.112795	1
cg02028332	0.00803627	2.62172	2.62172	0.00015299	6.31319	6.31319	0.000473584	4.75019	4.75019	0.0122175	2.42573	2.42573	9.78638	12.4859	1.13409	1
cg13312094	0.132745	0.570249	-1.75362	0.00467774	0.27198	-3.67675	0.00455537	0.270271	-3.69999	0.0357604	0.429113	-2.33039	6.93301	13.1654	1.68795	1
cg20100545	0.0336825	0.425068	-2.35257	0.00480619	0.275155	-3.63431	0.0559316	0.473872	-2.11028	0.295345	0.687791	-1.45393	5.9109	11.1348	1.67447	1
cg02918253	0.438439	0.748018	-1.33687	0.0212244	0.361494	-2.7663	0.0632542	0.464224	-2.15413	0.181426	1.68398	1.68398	4.2864	9.16123	1.8998	1
cg19349283	0.19342	0.641497	-1.55885	0.00705764	0.325202	-3.07501	0.470873	1.26697	1.26697	0.337987	0.727137	-1.37526	4.08101	6.72635	1.46507	1
cg26835798	0.0366637	0.697034	-1.43465	0.0822754	1.33131	1.33131	0.522304	0.908099	-1.1012	0.0129521	0.632208	-1.58176	5.476	1.91672	0.31113	1
cg00026857	0.012904	1.74855	1.74855	0.0121072	1.76161	1.76161	0.168613	0.766785	-1.30415	0.608456	1.09805	1.09805	5.41713	2.81144	0.461326	1
cg16399745	0.0693032	0.406855	-2.45788	0.00558958	0.199818	-5.00456	0.00802236	0.222389	-4.49662	0.372246	0.666704	-1.49992	3.79069	11.7579	2.75714	1
cg10383428	0.0866937	0.274534	-3.64254	0.00678033	0.0909757	-10.9919	0.0430097	0.203758	-4.90779	0.153472	0.351992	-2.84098	3.39964	25.1298	6.57059	1
cg12660026	0.0236806	0.234219	-4.26951	0.0548178	0.310229	-3.22342	?	?	?	0.0365785	3.68953	3.68953	3.71356	11.3241	4.06585	1
cg02304656	0.00409923	0.114048	-8.76824	?	?	?	0.580522	1.35037	1.35037	0.882432	1.08277	1.08277	3.81343	13.2768	3.48158	1
cg08287344	0.00905243	0.349953	-2.85753	8.92E-05	0.108621	-9.20629	0.174323	0.632952	-1.5799	0.00264197	0.267982	-3.73159	13.8871	22.0324	1.41026	1
cg24968964	0.004597	0.457378	-2.18637	0.093156	0.681799	-1.46671	0.641314	0.907289	-1.10218	0.476782	0.860688	-1.16186	5.61687	3.82555	0.605407	1
cg18755698	0.138506	0.616219	-1.6228	0.00812949	0.357502	-2.79719	0.614984	0.857304	-1.16645	0.209329	0.66917	-1.49439	4.67484	6.82374	1.29749	1
cg18568748	0.971281	1.00625	1.00625	0.642576	0.922346	-1.08419	0.341631	1.18468	1.18468	0.110641	0.740331	-1.35075	3.65971	1.73384	0.421125	1
cg20361571	0.855008	0.950985	-1.05154	0.807991	0.935294	-1.06918	0.668294	1.12573	1.12573	0.470241	1.22364	1.22364	3.50469	4.19005	1.06271	1
cg05469916	0.00252172	0.665848	-1.50184	0.000367064	0.575045	-1.73899	0.247894	1.12428	1.12428	0.0164622	0.752613	-1.3287	9.39797	1.3996	0.132378	1
cg11951909	0.0228641	0.828099	-1.20759	0.0575078	0.861736	-1.16045	0.199819	0.910443	-1.09837	0.710683	1.02615	1.02615	7.15081	0.543436	0.0675525	1
cg22277672	0.448518	1.29968	1.29968	0.133047	1.73324	1.73324	0.724815	0.886969	-1.12744	0.0932704	0.534436	-1.87113	5.45783	9.95503	1.62132	1
cg03509813	0.000428633	0.372418	-2.68515	0.110666	0.734895	-1.36074	0.00175754	2.20325	2.20325	0.339104	1.19078	1.19078	9.10537	4.52864	0.442097	1
cg11390445	0.262439	0.620604	-1.61133	0.00131789	0.148346	-6.74101	0.447222	1.37202	1.37202	0.436043	1.38325	1.38325	7.28726	19.2391	2.34675	1
cg10333701	0.114104	1.29167	1.29167	0.003437	0.553359	-1.80714	0.123992	0.780324	-1.28152	0.107956	1.29845	1.29845	6.2346	2.18935	0.312143	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22496254	NCAPG;DCAF16	0.0249304	0.0143105	0.477369	-2.09482	0.037342	0.55344	-1.80688	0.73292	0.919559	-1.08748	0.262716	1.33095	1.33095	0.401135	1.23417	1.23417
cg14377370	NCAPG;DCAF16;DCAF16	0.023746	0.321461	0.89696	-1.11488	0.00856252	1.42771	1.42771	0.94244	0.992363	-1.0077	0.146922	0.847671	-1.1797	0.064162	1.24711	1.24711
cg13111374	NCAPG;DCAF16;NCAPG	0.0342083	0.909569	1.02248	1.02248	0.12648	1.38183	1.38183	0.163941	1.33721	1.33721	0.0035837	0.462211	-2.16351	0.569877	1.1189	1.1189
cg06549407	NCAPG;LCORL	0.0153157	0.221977	0.791954	-1.2627	0.455579	0.871013	-1.14809	0.0115238	0.563147	-1.77573	0.984359	1.00357	1.00357	0.000631035	0.384981	-2.59753
cg20627633	NCAPH	0.000289762	0.00889874	1.15601	1.15601	0.554954	1.02635	1.02635	0.000137465	1.33265	1.33265	0.00764255	1.16108	1.16108	0.00633856	1.16742	1.16742
cg01906055	NCAPH	0.00425275	0.0460269	0.325184	-3.07518	0.00111943	0.0946417	-10.5662	0.0460247	0.325179	-3.07523	0.0359042	0.301436	-3.31745	0.0031492	0.137693	-7.26256
cg01927065	NCAPH	0.0291065	0.0182522	0.363941	-2.7477	0.679578	1.15779	1.15779	0.116609	1.82478	1.82478	0.00283784	0.234644	-4.26177	0.364848	0.720025	-1.38884
cg03147185	NCAPH	0.0419606	0.02613	0.17605	-5.6802	0.0110203	0.122604	-8.15634	0.113746	0.322212	-3.10355	0.115481	0.32426	-3.08395	0.0207493	0.16003	-6.24883
cg07737104	NCAPH2	0.00159724	0.000663091	0.343192	-2.91382	0.00237593	0.419257	-2.38517	0.0188842	0.557986	-1.79216	0.00109321	0.372215	-2.68662	0.919966	1.02083	1.02083
cg00947744	NCAPH2;LMF2;NCAPH2	0.0262959	0.356953	1.27857	1.27857	0.151116	0.670968	-1.49038	0.110559	1.5699	1.5699	0.581563	0.865565	-1.15531	0.225339	0.718719	-1.39136
cg13022461	NCAPH2;NCAPH2	0.000131149	0.172669	0.794859	-1.25809	0.122599	0.767462	-1.303	0.00517465	0.557701	-1.79308	0.00428641	0.546426	-1.83007	0.112912	0.761124	-1.31385
cg13532505	NCBP1	0.0409997	0.0479484	0.281798	-3.54864	0.890629	1.08012	1.08012	0.0820965	2.94186	2.94186	0.165254	0.43644	-2.29127	0.0197924	0.206746	-4.83684
cg13967864	NCBP1;NCBP1;TSTD2	0.0177303	0.505621	1.12796	1.12796	0.0323752	1.56301	1.56301	0.929973	0.984453	-1.01579	0.130644	0.747515	-1.33777	0.012076	1.74703	1.74703
cg08424876	NCBP2;LOC152217;NCBP2	0.00213981	0.00116302	0.743682	-1.34466	0.246037	1.07824	1.07824	0.0132014	1.21017	1.21017	0.182553	0.915911	-1.09181	0.0361801	1.1633	1.1633
cg03306972	NCBP2;LOC152217;NCBP2	0.0071884	0.0100972	2.17372	2.17372	0.47432	0.851999	-1.17371	0.00152279	3.16838	3.16838	?	?	?	0.0775139	0.639884	-1.56278
cg06172138	NCBP2;LOC152217;NCBP2;NCBP2;NCBP2	0.0106065	0.00130062	0.406361	-2.46086	0.0349719	1.60388	1.60388	0.125108	1.37599	1.37599	0.0170162	0.571528	-1.7497	0.400463	0.847493	-1.17995
cg03900798	NCBP2;NCBP2	0.00100508	0.000144257	0.224103	-4.46223	0.762614	1.07165	1.07165	0.318526	1.26554	1.26554	0.728646	0.923526	-1.08281	0.00820562	0.46183	-2.1653
cg03561389	NCBP2;NCBP2	0.0353719	0.0219677	0.29556	-3.38341	0.0236026	0.30154	-3.31631	0.49525	0.735546	-1.35953	0.429301	0.699171	-1.43026	0.0527302	0.376562	-2.65561
cg15541088	NCCRP1	3.61E-06	5.99E-05	0.317918	-3.14546	0.0443715	0.700018	-1.42853	0.00410927	0.551817	-1.8122	0.460984	0.890548	-1.1229	2.75E-06	0.175772	-5.68917
cg24571673	NCCRP1	2.41E-05	0.20352	1.2344	1.2344	0.00407817	1.83091	1.83091	0.11822	1.30492	1.30492	0.00154102	2.04373	2.04373	0.00959969	0.597826	-1.67273
cg26897717	NCCRP1	0.000925492	0.013052	0.294786	-3.39229	0.0547646	2.37297	2.37297	0.309792	1.51725	1.51725	0.947292	1.02657	1.02657	0.0003048	0.097565	-10.2496
cg21711545	NCCRP1	0.0299654	0.872299	1.0753	1.0753	0.0262824	3.28528	3.28528	0.851197	0.918738	-1.08845	0.695231	1.19446	1.19446	0.799129	0.891291	-1.12197
cg18627816	NCCRP1	0.0336401	0.264365	1.51635	1.51635	0.0771486	0.494978	-2.02029	0.596844	0.826114	-1.21049	0.909898	1.04134	1.04134	0.196828	1.62954	1.62954
cg08028026	NCCRP1	0.0382491	0.230739	0.654316	-1.52831	0.534258	1.2366	1.2366	0.539239	0.810814	-1.23333	0.274399	1.46769	1.46769	0.780664	0.910121	-1.09875
cg26260588	NCDN;KIAA0319L;NCDN;KIAA0319L;NCDN	0.000891376	0.151809	0.472705	-2.11549	0.0660568	2.75564	2.75564	0.0331059	0.291412	-3.43157	?	?	?	?	?	?
cg13931565	NCDN;NCDN;NCDN	0.020093	0.765235	1.1094	1.1094	0.00542231	3.5561	3.5561	0.00171146	4.72193	4.72193	0.398072	1.34981	1.34981	0.00818114	3.23229	3.23229
cg26669410	NCDN;NCDN;NCDN;KIAA0319L	0.013044	0.0496753	0.810007	-1.23456	0.85726	0.9832	-1.01709	0.301647	1.10595	1.10595	0.0379365	0.797342	-1.25417	0.00237258	0.671114	-1.49006
cg03499626	NCEH1;NCEH1;NCEH1;NCEH1	0.000956958	0.000596606	0.260799	-3.83437	0.832988	1.05502	1.05502	0.328476	0.774275	-1.29153	0.458694	0.825817	-1.21092	0.000113806	0.179361	-5.57536
cg14608275	NCEH1;NCEH1;NCEH1;NCEH1	0.00168552	0.00156209	0.191739	-5.21544	0.15937	0.579018	-1.72706	0.00449069	0.252465	-3.96095	0.0837139	0.498826	-2.00471	0.000959576	0.167436	-5.97242
cg00675650	NCEH1;NCEH1;NCEH1;NCEH1	0.00663375	0.00950537	0.169833	-5.88813	0.223623	0.501585	-1.99368	0.0100154	0.172995	-5.78051	0.054162	0.307475	-3.2523	0.00340981	0.116764	-8.56426
cg22906516	NCEH1;NCEH1;NCEH1;NCEH1	0.00754906	0.146824	0.852762	-1.17266	0.00960055	1.39848	1.39848	0.00977109	1.39683	1.39683	0.301744	1.11565	1.11565	0.190216	1.15247	1.15247
cg11088682	NCEH1;NCEH1;NCEH1;NCEH1	0.0144587	0.00565133	0.142908	-6.99752	0.0195534	0.22053	-4.53454	0.0425807	0.286248	-3.49348	0.0472687	0.29637	-3.37416	0.0031196	0.11467	-8.72071
cg02099877	NCEH1;NCEH1;NCEH1;NCEH1	0.014756	0.00316986	0.256553	-3.89783	0.0368246	0.44112	-2.26696	0.00411069	0.272781	-3.66595	0.155686	0.598895	-1.66974	0.0160482	0.369867	-2.70367
cg15681326	NCEH1;NCEH1;NCEH1;NCEH1	0.0200814	0.0150608	0.251344	-3.97861	0.055004	0.365786	-2.73384	0.0478504	0.351447	-2.84538	0.0349758	0.321189	-3.11343	0.0176599	0.26341	-3.79636
cg19931975	NCEH1;NCEH1;NCEH1;NCEH1	0.023919	0.0186162	1.68908	1.68908	0.16509	0.761786	-1.3127	0.00804213	1.86618	1.86618	0.60412	0.908362	-1.10088	0.181391	1.29784	1.29784
cg04236664	NCEH1;NCEH1;NCEH1;NCEH1	0.0317513	0.946367	0.988317	-1.01182	0.00117347	0.435214	-2.29772	0.0492817	0.675705	-1.47993	0.779288	0.952107	-1.0503	0.276053	0.820433	-1.21887
cg14338526	NCEH1;NCEH1;NCEH1;NCEH1	0.048183	0.864872	1.04075	1.04075	0.449185	0.834547	-1.19826	0.755829	0.929455	-1.0759	0.90612	1.02806	1.02806	0.0304268	0.550663	-1.81599
cg14460708	NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1	2.92E-05	0.0195952	0.594069	-1.68331	0.000135152	3.3886	3.3886	0.164408	1.31511	1.31511	0.124545	0.735603	-1.35943	0.770198	1.05558	1.05558
cg01232492	NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1	0.00521695	0.57436	1.13444	1.13444	0.673471	1.09879	1.09879	0.0421151	1.68286	1.68286	0.787386	0.941681	-1.06193	0.565413	0.878832	-1.13787
cg13135462	NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1;NCEH1	0.00965472	0.302763	0.923738	-1.08256	0.00846339	1.28378	1.28378	0.00567199	1.30953	1.30953	0.281175	0.920135	-1.0868	0.873151	0.988197	-1.01194
cg00668927	NCF1	0.0307156	0.52388	0.837271	-1.19436	0.00923761	2.48056	2.48056	0.288399	1.35397	1.35397	0.0228289	2.11483	2.11483	0.522229	0.836664	-1.19522
cg17458486	NCF1B	0.00821642	0.00869232	0.164184	-6.09072	0.00155968	0.0857348	-11.6639	0.0209282	0.222837	-4.48759	0.988662	1.00771	1.00771	0.00417544	0.125697	-7.95563
cg07504079	NCF1B	0.0426329	0.0174749	0.573316	-1.74424	0.929045	1.01727	1.01727	0.684609	1.0817	1.0817	0.00914444	0.52905	-1.89018	0.530398	1.13001	1.13001
cg20111234	NCF1C	0.029453	0.603798	1.22594	1.22594	0.00174058	5.68172	5.68172	0.130101	1.88927	1.88927	0.110296	1.96829	1.96829	0.23812	0.618284	-1.61738
cg01579216	NCF2;NCF2	0.00143749	0.700911	0.95026	-1.05234	0.00254013	0.574792	-1.73976	0.0881768	0.779788	-1.2824	0.019112	0.687342	-1.45488	4.75E-05	0.36312	-2.75391
cg03729042	NCF2;NCF2	0.00418956	0.0169019	0.668072	-1.49684	0.0374241	1.39694	1.39694	0.00543013	0.602664	-1.6593	0.627421	1.07005	1.07005	0.00280119	0.565464	-1.76846
cg13108255	NCF2;NCF2	0.0445109	0.854785	0.976508	-1.02406	0.839501	1.02666	1.02666	0.05209	0.750721	-1.33205	0.983433	0.997309	-1.0027	0.807207	1.03223	1.03223
cg09076123	NCF2;NCF2;NCF2	0.030236	0.222848	0.738959	-1.35326	0.568263	0.872663	-1.14592	0.00389053	0.399282	-2.5045	0.123226	0.674121	-1.48341	0.384102	0.809966	-1.23462
cg02532700	NCF4;NCF4	0.00237553	0.42944	0.822187	-1.21627	0.729519	0.919198	-1.0879	0.000111037	0.192004	-5.20823	0.0593644	0.596521	-1.67639	0.00475927	0.402584	-2.48396
cg22305209	NCF4;NCF4	0.0163824	0.660451	0.915911	-1.09181	0.331985	0.819658	-1.22002	0.000599145	0.349182	-2.86383	0.882871	1.02973	1.02973	0.166654	0.746023	-1.34044
cg25756470	NCF4;NCF4	0.0277694	0.0300802	0.240087	-4.16515	0.0291256	0.237398	-4.21233	0.0180269	0.200521	-4.98701	0.682691	0.794638	-1.25844	0.0367741	0.2575	-3.88349
cg08612539	NCF4;NCF4;NCF4;NCF4	0.0349725	0.0633789	0.607551	-1.64595	0.335831	1.26729	1.26729	0.0307113	0.545621	-1.83277	0.500561	0.849422	-1.17727	0.0100377	0.460396	-2.17204
cg06507259	NCK1	0.00122631	0.00673015	0.549121	-1.82109	0.00177904	0.46818	-2.13593	0.0047615	0.527614	-1.89533	0.00277005	0.494608	-2.0218	0.000102954	0.309628	-3.22968
cg16319080	NCK1	0.00495392	0.228959	1.147	1.147	0.00953296	1.42858	1.42858	0.139535	0.84137	-1.18854	0.689273	1.04463	1.04463	0.0116421	0.709962	-1.40853
cg20215454	NCK1	0.00850921	0.186391	1.13114	1.13114	0.258002	1.10941	1.10941	0.369526	1.08445	1.08445	0.355265	1.08725	1.08725	0.00942749	1.33574	1.33574
cg02959282	NCK1	0.00881705	0.0122211	0.188141	-5.31517	0.00650698	0.150713	-6.63513	0.0245559	0.238569	-4.19167	0.918892	0.946954	-1.05602	0.00501937	0.137199	-7.2887
cg00658740	NCK1	0.00934389	0.00391121	0.382254	-2.61606	0.0358368	1.83064	1.83064	0.639231	0.889666	-1.12402	0.0651592	1.66976	1.66976	0.0146179	0.47497	-2.1054
cg14950753	NCK1	0.0135182	0.994804	1.00116	1.00116	0.658727	1.0824	1.0824	0.265049	0.813084	-1.22988	0.576537	1.10573	1.10573	0.0343634	0.644246	-1.5522
cg05575961	NCK1	0.0237848	0.545265	0.863778	-1.15771	0.0968366	0.646623	-1.5465	0.515851	1.1707	1.1707	0.661141	0.899862	-1.11128	0.467308	0.837841	-1.19354
cg05590793	NCK1	0.0268554	0.782577	1.04483	1.04483	0.0128921	0.612963	-1.63142	0.18415	1.25025	1.25025	0.825569	0.965614	-1.03561	0.646343	0.929375	-1.07599
cg22872179	NCK1	0.0450922	0.727611	0.922847	-1.0836	0.830034	0.951838	-1.0506	0.139271	1.44106	1.44106	0.147053	0.699554	-1.42948	0.0975576	1.51806	1.51806
cg16531718	NCK1	0.0462906	0.470971	1.03527	1.03527	0.140861	1.07773	1.07773	0.0363838	0.8914	-1.12183	0.752694	1.01505	1.01505	0.26048	0.946043	-1.05703
cg05588658	NCK2;NCK2	0.000293694	0.123107	0.705393	-1.41765	0.00446039	0.45273	-2.20882	0.221649	1.30786	1.30786	0.748038	1.06966	1.06966	0.000522216	0.323031	-3.09568
cg21551182	NCK2;NCK2	0.0121088	0.0288423	0.489466	-2.04304	0.967752	0.988856	-1.01127	0.892496	1.03819	1.03819	0.379911	0.77905	-1.28361	0.00149972	0.281264	-3.55538
cg11752152	NCK2;NCK2	0.0225481	0.28376	1.5006	1.5006	0.496	1.28651	1.28651	0.597992	1.21401	1.21401	0.065414	2.1249	2.1249	0.00494887	0.257592	-3.88211
cg14131038	NCK2;NCK2	0.0416682	0.162222	0.485223	-2.06091	0.0121347	4.54994	4.54994	0.37954	1.54783	1.54783	0.0349866	0.304025	-3.28921	0.0588217	0.355504	-2.8129
cg06084403	NCK2;NCK2;NCK2	0.000146116	0.000829528	0.659928	-1.51532	0.0506604	1.20189	1.20189	0.00889996	0.759679	-1.31635	0.168886	0.885992	-1.12868	0.389286	0.929736	-1.07557
cg14210321	NCK2;NCK2;NCK2	0.000472113	0.000891943	0.60769	-1.64558	0.765779	1.02837	1.02837	1.27E-05	0.3766	-2.65533	0.303683	1.10544	1.10544	0.426775	0.926644	-1.07916
cg15835718	NCK2;NCK2;NCK2	0.0197743	0.922095	1.02314	1.02314	0.00108792	3.08722	3.08722	0.160152	1.42035	1.42035	0.773945	0.934878	-1.06966	0.0308759	0.552814	-1.80893
cg12309420	NCK2;NCK2;NCK2	0.0298267	0.882873	1.01594	1.01594	0.0174843	0.733302	-1.36369	0.654501	0.952842	-1.04949	0.486448	1.07879	1.07879	0.186063	1.16224	1.16224
cg20539961	NCK2;NCK2;NCK2	0.0422315	0.591712	0.904764	-1.10526	0.0785096	0.696813	-1.4351	0.00742407	0.528653	-1.8916	0.87147	1.03038	1.03038	0.565968	0.898298	-1.11322
cg01520447	NCK2;NCK2;NCK2	0.046908	0.0396445	0.652204	-1.53326	0.0642135	0.688267	-1.45292	0.755633	0.945462	-1.05768	0.0245419	0.618065	-1.61795	0.207294	0.787503	-1.26984
cg20444370	NCKAP1;NCKAP1	1.78E-05	0.460163	0.894965	-1.11736	0.660724	0.936899	-1.06735	0.0736614	1.34215	1.34215	0.000837977	0.476362	-2.09924	6.29E-06	0.225681	-4.43104
cg15793456	NCKAP1;NCKAP1	0.000184376	0.0225119	0.679439	-1.4718	3.52E-05	0.323051	-3.09549	4.64E-05	0.337081	-2.96664	0.364216	0.876455	-1.14096	0.641902	0.93591	-1.06848
cg25925945	NCKAP1;NCKAP1	0.00201159	0.883879	1.01454	1.01454	0.962879	0.995412	-1.00461	0.00829355	1.39578	1.39578	0.220243	1.13581	1.13581	0.0560199	1.23844	1.23844
cg06601742	NCKAP1;NCKAP1	0.0215114	0.00115035	0.652482	-1.53261	0.21584	1.12345	1.12345	0.229389	1.11931	1.11931	0.0229185	0.784106	-1.27534	0.286186	0.905758	-1.10405
cg00357532	NCKAP1;NCKAP1	0.0328693	0.0394493	0.462387	-2.16269	0.149381	1.64964	1.64964	0.0480177	2.07887	2.07887	0.0994182	0.557232	-1.79458	0.352576	0.733643	-1.36306
cg05157266	NCKAP1;NCKAP1	0.0473035	0.158235	0.526748	-1.89844	0.52171	0.758836	-1.31781	0.206522	1.76152	1.76152	0.932125	0.964448	-1.03686	0.0550414	0.39675	-2.52048
cg22224337	NCKAP1;NCKAP1;NCKAP1;NCKAP1	0.0261437	0.6452	1.12357	1.12357	0.289917	0.758788	-1.31789	0.237412	0.732682	-1.36485	0.870671	0.959881	-1.0418	0.140696	1.48918	1.48918
cg26787915	NCKAP1L	2.20E-05	0.437874	0.854929	-1.16969	0.0677486	0.666784	-1.49974	3.39E-05	0.203827	-4.90613	0.00788948	0.509148	-1.96407	0.818063	0.955387	-1.0467
cg21376733	NCKAP1L	0.00129967	0.00512875	0.591096	-1.69177	0.955602	1.00795	1.00795	0.752938	1.04593	1.04593	0.00102773	0.500662	-1.99736	0.0230048	1.47208	1.47208
cg17605084	NCKAP1L	0.00396256	0.952076	1.01051	1.01051	0.0833597	0.716489	-1.3957	0.000990613	0.426914	-2.34239	0.0259552	0.631423	-1.58372	0.503908	0.888722	-1.12521
cg01810875	NCKAP1L	0.00552598	0.558411	1.15647	1.15647	0.713517	1.0948	1.0948	0.00410454	0.388383	-2.57478	0.0320267	0.539543	-1.85342	0.404934	1.23283	1.23283
cg16509569	NCKAP1L	0.00863188	0.204837	0.744794	-1.34265	0.0665733	0.635674	-1.57313	0.108377	0.679941	-1.47072	0.0200946	0.539213	-1.85455	0.622952	1.11532	1.11532
cg21072795	NCKAP1L	0.0164633	0.0313809	0.547225	-1.8274	0.0029133	0.376486	-2.65614	0.0227074	0.521381	-1.91798	0.0638463	0.608076	-1.64453	0.192917	0.719611	-1.38964
cg20502854	NCKAP5;NCKAP5	7.08E-05	0.0141646	0.661361	-1.51203	4.30E-06	0.234674	-4.26124	2.98E-05	0.327352	-3.05481	0.0150397	1.50413	1.50413	0.0678557	0.756262	-1.32229
cg10329648	NCKAP5;NCKAP5	9.28E-05	0.000857874	1.61084	1.61084	0.0019564	0.659056	-1.51732	0.000721428	0.612685	-1.63216	0.0319449	0.787132	-1.27043	0.000336264	1.73421	1.73421
cg02668177	NCKAP5;NCKAP5	0.000258315	0.000823318	0.325801	-3.06936	0.000406361	0.286353	-3.4922	0.00187419	0.374758	-2.66839	0.0122176	0.499162	-2.00336	2.24E-05	0.150769	-6.63267
cg16328548	NCKAP5;NCKAP5	0.000682118	0.909695	1.021	1.021	4.07E-05	0.238326	-4.19593	0.000229737	0.326093	-3.06661	0.840631	0.963795	-1.03757	0.26313	0.80761	-1.23822
cg25500795	NCKAP5;NCKAP5	0.000876952	0.00067419	0.328968	-3.03981	0.000286969	0.281983	-3.54631	0.00179988	0.386962	-2.58423	0.887036	0.970063	-1.03086	0.131734	0.706158	-1.41611
cg01290856	NCKAP5;NCKAP5	0.000966789	0.0015918	0.186617	-5.35856	0.00013334	0.0860082	-11.6268	0.400423	0.72697	-1.37557	0.0827644	0.490786	-2.03755	0.0171089	0.340723	-2.93493
cg23072408	NCKAP5;NCKAP5	0.00222154	0.0635197	0.785105	-1.27372	0.738557	1.03961	1.03961	0.0032378	0.627692	-1.59314	0.0124966	0.697431	-1.43383	0.00340266	0.630241	-1.58669
cg12915892	NCKAP5;NCKAP5	0.00255646	0.100448	2.06263	2.06263	0.157112	1.83815	1.83815	0.0365419	2.65803	2.65803	0.222657	1.67461	1.67461	0.0420605	0.389687	-2.56616
cg26479279	NCKAP5;NCKAP5	0.00389192	0.00205557	0.117555	-8.50667	0.0108057	0.206282	-4.84773	0.0704959	0.369119	-2.70915	0.067019	0.363428	-2.75157	0.00359948	0.143224	-6.98207
cg09785516	NCKAP5;NCKAP5	0.00692794	0.480481	0.928416	-1.0771	0.000917933	0.598706	-1.67027	0.00191186	0.634311	-1.57651	0.423976	0.918907	-1.08825	0.162612	0.856945	-1.16694
cg15354803	NCKAP5;NCKAP5	0.013536	0.1038	0.638772	-1.5655	0.00444128	0.384252	-2.60246	0.0217721	0.499632	-2.00147	0.431446	0.816832	-1.22424	0.932773	0.978965	-1.02149
cg26529687	NCKAP5;NCKAP5	0.0171378	0.0615603	0.318472	-3.13999	0.0697958	0.332288	-3.00944	0.0945613	0.368446	-2.7141	0.698963	0.809654	-1.2351	0.0170581	0.205936	-4.85589
cg00827382	NCKAP5;NCKAP5	0.0212984	0.0551947	0.266965	-3.74581	0.00343922	0.089441	-11.1806	0.072233	0.295545	-3.38358	0.354041	0.560285	-1.78481	0.0981043	0.332086	-3.01127
cg03785456	NCKAP5;NCKAP5	0.0415485	0.0333423	0.13956	-7.16535	0.0236876	0.117823	-8.48729	0.0609393	0.187776	-5.32548	0.291311	0.420178	-2.37994	0.0254509	0.122104	-8.18977
cg22232500	NCKAP5;NCKAP5	0.0466763	0.00864618	0.664087	-1.50583	0.496948	0.919123	-1.08799	0.103422	1.24333	1.24333	0.0785562	1.26988	1.26988	0.0329788	0.73717	-1.35654
cg03992259	NCKAP5;NCKAP5	0.0468955	0.193769	1.21687	1.21687	0.00320894	1.7757	1.7757	0.166047	1.23472	1.23472	0.993832	1.0011	1.0011	0.636224	0.934247	-1.07038
cg12143106	NCKAP5L	2.46E-05	2.54E-06	0.137224	-7.28733	0.64088	1.0855	1.0855	0.0159438	0.597259	-1.67432	0.0867771	1.39144	1.39144	0.000101163	0.300232	-3.33075
cg03323444	NCKAP5L	0.0198528	0.00865836	0.233247	-4.2873	0.990077	0.994605	-1.00542	0.0272267	0.320864	-3.11659	0.384303	1.47403	1.47403	0.0513514	0.380996	-2.6247
cg16888824	NCKAP5L	0.0204552	0.537983	0.876862	-1.14043	0.422913	1.18826	1.18826	0.315023	0.803374	-1.24475	0.546203	0.879243	-1.13734	0.000353331	0.298401	-3.3512
cg11605222	NCKAP5L	0.0314932	0.0365822	0.280855	-3.56055	0.0124558	0.196788	-5.08161	0.0233379	0.242498	-4.12374	0.94764	1.03493	1.03493	0.00807775	0.169741	-5.89133
cg20370277	NCKIPSD;NCKIPSD	0.00322615	0.201081	0.669983	-1.49257	0.0428922	1.99611	1.99611	0.221891	1.46347	1.46347	0.000159834	0.147562	-6.77679	0.86407	1.05214	1.05214
cg03547606	NCKIPSD;NCKIPSD	0.0360511	0.0517911	0.71444	-1.3997	0.262752	1.19411	1.19411	0.613484	0.925534	-1.08046	0.86105	0.973733	-1.02698	0.00851512	1.66551	1.66551
cg02585790	NCL	0.00277305	0.33339	0.90511	-1.10484	0.51661	0.936403	-1.06792	0.159009	1.16231	1.16231	0.00805334	0.712356	-1.40379	0.000216025	0.539624	-1.85314
cg08745461	NCL	0.00443783	0.00814417	0.251062	-3.98307	0.0760461	0.446842	-2.23793	0.328047	0.66236	-1.50975	0.776411	0.890312	-1.1232	0.00114908	0.142293	-7.02776
cg26862286	NCL	0.010602	0.321675	0.814474	-1.22779	0.00418313	2.15785	2.15785	0.00593883	2.05679	2.05679	0.524393	1.13804	1.13804	0.842229	0.960842	-1.04075
cg07310916	NCL	0.020242	0.00652676	0.367364	-2.72209	0.00985954	2.5195	2.5195	0.574135	0.851394	-1.17454	0.147054	1.55409	1.55409	0.0443707	0.519818	-1.92375
cg26258108	NCL;NCL	0.00874092	0.545497	0.899143	-1.11217	0.139548	1.31822	1.31822	0.115997	1.34561	1.34561	0.877908	1.02707	1.02707	0.699863	1.06963	1.06963
cg09699751	NCL;SNORA75	0.0291091	0.370927	1.32118	1.32118	0.678367	0.881242	-1.13476	0.990035	1.00379	1.00379	0.133425	1.63356	1.63356	0.723925	1.11351	1.11351
cg17014713	NCL;SNORA75	0.0406229	0.278216	0.772987	-1.29368	0.278575	0.773147	-1.29341	0.107256	0.669329	-1.49403	0.615184	1.12271	1.12271	0.00443612	0.4202	-2.37982
cg12052114	NCL;SNORA75;SNORD20	0.0010774	0.0184355	0.491266	-2.03556	0.0329873	0.537975	-1.85882	0.871429	1.04109	1.04109	0.00128309	0.311292	-3.21242	0.0011181	0.30323	-3.29783
cg10070431	NCL;SNORD20	0.0203078	0.733361	1.11955	1.11955	0.00600478	0.305521	-3.2731	0.420499	0.762011	-1.31232	0.212694	0.648267	-1.54258	0.152309	0.602673	-1.65928
cg23459209	NCL;SNORD20;SNORA75	0.00238244	0.808151	1.03393	1.03393	0.365021	0.88016	-1.13616	0.00300813	0.572398	-1.74703	0.5051	0.91142	-1.09719	0.000325437	0.450762	-2.21846
cg08338359	NCL;SNORD20;SNORA75	0.0191029	0.127451	0.717834	-1.39308	0.767699	0.942161	-1.06139	0.0679994	0.662913	-1.50849	0.207847	1.30619	1.30619	0.00419648	0.462386	-2.16269
cg21922416	NCL;SNORD82	0.0313453	0.868746	1.04255	1.04255	0.113378	1.54359	1.54359	0.604376	0.876601	-1.14077	0.105098	0.640039	-1.56241	0.00803774	0.425014	-2.35287
cg13689497	NCLN	1.98E-05	0.867747	0.969246	-1.03173	0.299177	0.81736	-1.22345	0.0307883	0.621618	-1.60871	0.149189	0.748334	-1.3363	2.51E-06	0.118198	-8.4604
cg20732787	NCLN	4.77E-05	0.216485	1.12156	1.12156	2.31E-05	0.473851	-2.11037	9.61E-05	0.54216	-1.84448	0.414465	1.07636	1.07636	0.11539	0.859859	-1.16298
cg24856050	NCLN	0.000182928	0.134324	0.707833	-1.41276	0.213795	0.755661	-1.32334	0.000165942	0.253293	-3.94799	0.00219809	0.398962	-2.5065	0.000202257	0.263383	-3.79675
cg12245370	NCLN	0.00058708	0.104683	0.534802	-1.86985	0.000484043	0.145003	-6.89639	0.000755032	0.16485	-6.06611	0.000627918	0.156415	-6.39325	0.000426303	0.13964	-7.16125
cg04615531	NCLN	0.000742234	0.538667	1.15843	1.15843	1.11E-05	0.109974	-9.09304	0.0363615	0.562827	-1.77675	0.796995	1.06279	1.06279	0.973082	1.008	1.008
cg02869708	NCLN	0.00393795	0.972052	1.00544	1.00544	0.0973747	1.32538	1.32538	0.1443	0.784379	-1.27489	0.338989	1.16488	1.16488	0.000335826	0.408414	-2.4485
cg01080357	NCLN	0.00459268	0.324124	0.730168	-1.36955	0.507482	0.812488	-1.23079	0.0140083	0.391809	-2.55227	0.959022	0.984257	-1.01599	6.25E-05	0.102538	-9.75252
cg05933408	NCLN	0.00858522	0.116437	1.44241	1.44241	0.623594	1.11206	1.11206	0.587499	0.88904	-1.12481	0.467134	0.853094	-1.1722	0.00161447	0.378794	-2.63996
cg12086975	NCLN	0.00912659	0.196498	0.74621	-1.3401	0.466335	1.17223	1.17223	0.00617499	0.465045	-2.15033	0.059808	0.634278	-1.5766	0.000615228	0.322878	-3.09714
cg14570479	NCLN	0.0113594	0.967373	1.01033	1.01033	0.00112211	0.299493	-3.33897	0.00184302	0.329046	-3.03909	0.904695	0.970343	-1.03056	0.011614	0.452507	-2.20991
cg12131620	NCLN	0.0116842	0.66654	1.16263	1.16263	0.00123774	0.193757	-5.1611	0.00631136	0.290448	-3.44295	0.343803	0.712507	-1.40349	0.753545	1.1157	1.1157
cg13597198	NCLN	0.011883	0.276233	1.15639	1.15639	0.0512248	1.32953	1.32953	0.162621	1.21075	1.21075	0.251934	0.857659	-1.16596	0.0180858	0.691878	-1.44534
cg06368293	NCLN	0.0123463	0.162966	0.559206	-1.78825	0.255013	0.628873	-1.59015	0.0451184	0.407702	-2.45277	0.867549	0.936932	-1.06731	0.00016722	0.0819748	-12.1989
cg01036806	NCLN	0.0139689	0.279608	1.66988	1.66988	0.0976729	2.29093	2.29093	0.129806	2.10965	2.10965	0.944955	0.968993	-1.032	0.0746573	2.47396	2.47396
cg26548187	NCLN	0.0151781	0.0707476	0.561553	-1.78077	0.000650468	0.224447	-4.4554	0.194893	0.675817	-1.47969	0.175202	0.662318	-1.50985	0.00404851	0.331861	-3.01331
cg10998894	NCLN	0.0265059	0.249731	0.687694	-1.45414	0.00917953	0.357114	-2.80022	0.0145532	0.391901	-2.55166	0.0742015	0.53835	-1.85753	0.00264959	0.274073	-3.64866
cg24301352	NCLN	0.0281245	0.165913	0.684478	-1.46097	0.0510016	1.76881	1.76881	0.274055	0.746751	-1.33913	0.52271	1.18083	1.18083	0.207864	0.711252	-1.40597
cg26794830	NCLN	0.0381204	0.250744	0.585571	-1.70773	0.00339605	5.9056	5.9056	0.61752	1.2517	1.2517	0.240156	0.577858	-1.73053	0.905697	0.948523	-1.05427

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22496254	0.891105	0.967019	-1.03411	0.00205653	0.34541	-2.89511	0.136334	0.675069	-1.48133	0.949637	0.984654	-1.01558	4.36146	4.14046	0.843849	1
cg14377370	0.553629	0.938369	-1.06568	0.0154178	0.72936	-1.37106	0.577193	1.06161	1.06161	0.0428676	1.28073	1.28073	4.4357	0.791784	0.158669	1
cg13111374	0.272705	1.25025	1.25025	0.643074	1.09559	1.09559	0.325791	1.21956	1.21956	0.0202306	1.72945	1.72945	3.89924	2.36359	0.538814	1
cg06549407	0.0773886	0.699942	-1.42869	0.429941	1.15767	1.15767	0.411616	1.16481	1.16481	0.130833	0.743445	-1.34509	5.1451	2.69083	0.464879	1
cg20627633	0.0166386	1.13582	1.13582	0.00356531	1.18764	1.18764	8.11E-05	1.36297	1.36297	5.27E-05	1.38951	1.38951	16.6071	0.498951	0.0267061	1
cg01906055	0.765512	0.863336	-1.1583	0.0013729	0.102182	-9.78642	0.00357767	0.143896	-6.94947	0.0202548	0.252751	-3.95646	7.70856	29.4698	3.39822	1
cg01927065	0.986311	1.00607	1.00607	0.827218	1.08016	1.08016	0.550841	1.23726	1.23726	0.135084	1.76521	1.76521	4.13087	8.14162	1.75193	1
cg03147185	0.075434	0.271813	-3.67901	0.0117141	0.125841	-7.94655	0.132954	0.344059	-2.90648	0.0553736	0.239476	-4.17579	3.61859	24.8252	6.0982	1
cg07737104	0.24656	1.28223	1.28223	0.0297876	1.68987	1.68987	0.728907	1.07399	1.07399	0.0239623	0.575447	-1.73778	10.2916	6.86087	0.592578	1
cg00947744	0.815476	1.06251	1.06251	0.00334228	0.354919	-2.81755	0.00921313	0.424241	-2.35715	0.585818	1.1534	1.1534	4.2811	4.56157	0.947123	1
cg13022461	3.00E-05	0.274806	-3.63892	4.84E-05	0.298457	-3.35057	0.144344	1.28155	1.28155	4.95E-05	0.29953	-3.33856	20.5879	8.16006	0.352313	1
cg13532505	0.783899	0.857282	-1.16648	0.0133733	0.179742	-5.56354	0.516185	1.44592	1.44592	0.0914082	0.352998	-2.83287	3.64975	18.1376	4.41739	1
cg13967864	0.108098	0.731597	-1.36687	0.00537439	0.520252	-1.92215	0.23239	1.25015	1.25015	0.907269	0.979441	-1.02099	4.89992	2.46628	0.447405	1
cg08424876	0.0350847	0.858601	-1.16469	0.235599	0.925722	-1.08024	0.0347541	0.858287	-1.16511	0.00286004	1.29024	1.29024	9.45366	0.577276	0.0542789	1
cg03306972	?	?	?	0.0958691	1.51322	1.51322	0.0436654	1.70676	1.70676	0.0112148	2.13391	2.13391	9.39092	5.27409	0.481385	1
cg06172138	0.0476768	0.647006	-1.54558	0.247232	0.792463	-1.26189	0.832342	1.0416	1.0416	0.579956	1.11347	1.11347	5.80011	3.39563	0.520394	1
cg03900798	0.00256234	0.384655	-2.59973	0.00874341	0.466267	-2.14469	0.508153	0.857833	-1.16573	0.000316456	0.263758	-3.79135	11.7497	9.71001	0.734585	1
cg03561389	0.0063315	0.206669	-4.83866	0.0123516	0.251174	-3.9813	0.936281	0.965159	-1.0361	0.0769278	0.417943	-2.39267	3.85236	12.0023	2.7694	1
cg15541088	0.00452368	0.557496	-1.79374	1.48E-07	0.0788782	-12.6778	7.68E-06	0.219362	-4.55867	0.00832471	0.594	-1.6835	52.7824	19.9405	0.335811	1
cg24571673	1.32E-05	4.19032	4.19032	0.000945625	0.461394	-2.16735	4.05E-06	5.35707	5.35707	0.00911494	1.68167	1.68167	32.2602	12.5779	0.346566	1
cg26897717	0.244902	0.617245	-1.6201	7.25E-05	0.0569678	-17.5538	0.858429	0.931627	-1.07339	0.541467	0.782563	-1.27785	12.0274	29.9711	2.21503	1
cg21711545	0.903711	0.946845	-1.05614	0.000968512	0.10899	-9.17515	0.690254	0.834616	-1.19816	0.966847	0.981417	-1.01893	4.08851	13.1892	2.86749	1
cg18627816	0.0859222	1.97214	1.97214	0.0133126	2.99648	2.99648	0.0123596	0.328057	-3.04825	0.879756	1.05567	1.05567	3.92285	7.95605	1.80278	1
cg08028026	0.902482	1.04222	1.04222	0.00227039	0.236796	-4.22305	0.0192373	0.384643	-2.59981	0.105375	0.55051	-1.8165	3.74417	6.74972	1.60242	1
cg26260588	?	?	?	0.501473	0.718825	-1.39116	4.65E-05	0.0159653	-62.6358	0.0363737	0.300332	-3.32965	16.097	38.785	2.81103	1
cg13931565	0.761992	1.11105	1.11105	0.212638	1.57631	1.57631	0.0842144	1.93923	1.93923	0.406885	1.34197	1.34197	4.69715	8.94122	1.69203	1
cg26669410	0.739044	0.969029	-1.03196	0.00409283	0.69592	-1.43695	0.520127	0.940492	-1.06327	0.119588	1.17226	1.17226	5.42415	0.760777	0.124673	1
cg03499626	0.0042439	0.378799	-2.63993	0.00240773	0.342239	-2.92193	0.0929688	1.59808	1.59808	0.0232724	0.502657	-1.98943	11.9141	12.1397	0.905721	1
cg14608275	0.000857675	0.162149	-6.16718	0.00578881	0.268855	-3.71948	0.000683918	0.151831	-6.58626	0.0129625	0.326097	-3.06657	10.1328	21.1881	1.8587	1
cg00675650	0.0105004	0.175898	-5.68511	0.00192316	0.093512	-10.6938	0.00474186	0.132104	-7.56977	0.0200754	0.220092	-4.54355	6.7267	31.0258	4.09985	1
cg22906516	0.359221	1.10123	1.10123	0.00261	1.53184	1.53184	0.677745	1.04367	1.04367	0.00150767	1.59627	1.59627	6.4608	1.07061	0.147297	1
cg11088682	0.335677	0.587496	-1.70214	0.00522123	0.138853	-7.20186	0.0431695	0.287559	-3.47755	0.0641934	0.328154	-3.04735	5.24394	23.8394	4.04096	1
cg02099877	0.688004	0.872636	-1.14595	0.0248544	0.406049	-2.46276	0.963082	0.9845	-1.01574	0.0172308	0.375561	-2.66268	5.20885	9.39634	1.60348	1
cg15681326	0.0276274	0.300069	-3.33256	0.00817055	0.209182	-4.78054	0.0246924	0.290466	-3.44274	0.00826298	0.209901	-4.76414	4.69807	15.8967	3.00769	1
cg19931975	0.0104725	1.80769	1.80769	0.337192	1.19939	1.19939	0.214324	0.786453	-1.27153	0.691508	0.929334	-1.07604	4.42458	2.36599	0.475323	1
cg04236664	0.991228	0.998082	-1.00192	0.0317325	0.644159	-1.55241	0.465745	1.13845	1.13845	0.167317	0.773266	-1.29322	4.00504	1.93555	0.42958	1
cg14338526	0.495155	1.17639	1.17639	0.268584	1.31028	1.31028	0.386487	1.23146	1.23146	0.00250674	0.373582	-2.67679	3.43602	2.99322	0.774338	1
cg14460708	0.384868	0.848312	-1.17881	0.153215	0.753962	-1.32633	6.86E-07	0.0827831	-12.0798	0.480002	0.875837	-1.14177	30.6742	16.5637	0.479989	1
cg01232492	0.000147234	4.26777	4.26777	0.0233895	0.547669	-1.82592	0.625147	0.896329	-1.11566	0.694176	0.915909	-1.09181	7.24393	5.66844	0.695563	1
cg13135462	0.385854	1.06829	1.06829	0.423906	0.941114	-1.06257	0.529812	1.04843	1.04843	0.00122308	1.42126	1.42126	5.97733	0.522774	0.0777417	1
cg00668927	0.224692	1.42001	1.42001	0.194009	1.45913	1.45913	0.0043235	2.85422	2.85422	0.0870981	1.68113	1.68113	4.05272	4.85264	1.06434	1
cg17458486	0.123745	0.406279	-2.46136	0.00634186	0.146605	-6.82106	0.0246655	0.235638	-4.2438	0.0692124	0.333414	-2.99927	6.29104	29.0853	4.10959	1
cg07504079	0.579604	1.11361	1.11361	0.170433	1.32412	1.32412	0.0734176	1.46795	1.46795	0.324362	1.21619	1.21619	3.5973	2.10697	0.52063	1
cg20111234	0.353052	1.45037	1.45037	0.420479	0.725974	-1.37746	0.0180179	3.05891	3.05891	0.728537	1.14519	1.14519	4.1136	9.86368	2.1314	1
cg01579216	0.0556707	1.33196	1.33196	0.155265	0.817872	-1.22269	0.0993925	0.787593	-1.26969	0.0367362	0.725578	-1.37821	10.6087	2.93632	0.246031	1
cg03729042	0.798106	0.965141	-1.03612	0.0153331	1.50977	1.50977	0.0459116	1.3726	1.3726	0.470704	0.903417	-1.10691	7.74352	2.34973	0.269729	1
cg13108255	0.665028	1.05816	1.05816	0.00199246	1.76194	1.76194	0.169037	1.20941	1.20941	0.308041	0.87205	-1.14672	3.53997	0.943998	0.237039	1
cg09076123	0.261396	1.31865	1.31865	0.0148961	2.02839	2.02839	0.708776	1.09265	1.09265	0.297749	0.774973	-1.29037	4.07547	3.60007	0.7852	1
cg02532700	0.0775356	1.61004	1.61004	0.0158451	0.488055	-2.04895	0.0174278	0.495289	-2.01902	0.039418	0.560809	-1.78314	9.16867	8.55577	0.82947	1
cg22305209	0.0845011	0.684436	-1.46106	0.0100598	0.52444	-1.9068	0.0210699	0.576213	-1.73547	0.419827	0.848934	-1.17795	5.03127	3.146	0.555812	1
cg25756470	0.050587	0.287671	-3.4762	0.0151827	0.188626	-5.30151	0.0101138	0.162889	-6.13916	0.0278453	0.233696	-4.27906	4.19999	20.8054	4.40327	1
cg08612539	0.233858	1.34702	1.34702	0.210472	1.37022	1.37022	0.0346472	0.555498	-1.80019	0.254904	0.752969	-1.32808	3.86823	3.49035	0.802055	1
cg06507259	0.14712	0.766891	-1.30397	0.0534444	0.687819	-1.45387	0.913258	0.981583	-1.01876	0.00159397	0.461698	-2.16592	11.1028	5.11742	0.4097	1
cg16319080	0.722426	1.03951	1.03951	0.000466645	1.81797	1.81797	0.0904684	1.22463	1.22463	0.648901	0.951426	-1.05105	7.35936	1.37543	0.16613	1
cg20215454	0.075916	1.18977	1.18977	0.0016959	0.67404	-1.48359	0.850973	0.983591	-1.01668	0.00848585	1.34389	1.34389	6.22189	0.762575	0.108945	1
cg02959282	0.010959	0.181164	-5.51987	0.00319591	0.116026	-8.61875	0.758892	0.848111	-1.17909	0.0214734	0.228038	-4.38523	6.15231	27.9011	4.03117	1
cg00658740	0.601747	1.13926	1.13926	0.119859	0.65847	-1.51867	0.115489	1.52759	1.52759	0.0289547	0.528566	-1.89191	6.03997	5.86509	0.863151	1
cg14950753	0.0795468	0.707037	-1.41435	0.000460007	0.374439	-2.67066	0.533907	1.11877	1.11877	0.0337746	0.643012	-1.55518	5.36115	2.69452	0.446757	1
cg05575961	0.0119166	0.472037	-2.11848	0.434831	1.20999	1.20999	0.515493	0.854073	-1.17086	0.00091497	0.305598	-3.27227	4.4332	4.01771	0.80558	1
cg05590793	0.303306	0.844486	-1.18415	0.00111286	0.466982	-2.14141	0.877703	0.975883	-1.02471	0.900168	0.9803	-1.0201	4.24966	1.69151	0.353809	1
cg22872179	0.00753856	0.454079	-2.20226	0.0466291	0.592641	-1.68736	0.127442	0.684906	-1.46005	0.21975	0.743558	-1.34488	3.52282	2.94174	0.742269	1
cg16531718	0.0112478	0.86064	-1.16193	0.187232	1.06829	1.06829	0.180985	1.06943	1.06943	0.140119	0.927728	-1.0779	3.48832	0.123394	0.0314431	1
cg05588658	0.000718027	0.341065	-2.93199	0.0140322	1.88453	1.88453	3.48E-05	0.187893	-5.32217	0.409358	0.838373	-1.19279	16.546	11.4393	0.614545	1
cg21551182	0.77858	0.924838	-1.08127	0.00263066	0.315325	-3.17133	0.123232	1.58859	1.58859	0.210307	0.693551	-1.44185	5.5572	6.76282	1.08173	1
cg11752152	0.0136829	0.329139	-3.03823	0.811832	1.09081	1.09081	0.385185	1.38331	1.38331	0.0550451	0.452562	-2.20964	4.51561	9.49958	1.86997	1
cg14131038	0.358718	0.632958	-1.57988	0.0944802	0.41034	-2.437	0.826948	0.899333	-1.11194	0.157994	0.481187	-2.0782	3.62797	13.4939	3.30613	1
cg06084403	0.0931416	0.858535	-1.16478	1.10E-05	2.16683	2.16683	0.380343	0.928385	-1.07714	0.00318557	1.39456	1.39456	19.9978	2.15969	0.0959971	1
cg14210321	0.0080063	0.718149	-1.39247	0.0946519	0.839899	-1.19062	0.182904	1.14281	1.14281	0.724512	0.967405	-1.03369	18.0983	2.45781	0.105625	1
cg15835718	0.664863	1.1073	1.1073	0.31329	1.27618	1.27618	0.926063	0.97853	-1.02194	0.101858	0.657879	-1.52004	4.72273	4.08987	0.769776	1
cg12309420	0.0902115	1.2217	1.2217	0.00359918	1.5261	1.5261	0.909968	0.987942	-1.0122	0.21807	0.870277	-1.14906	4.09525	0.745923	0.161905	1
cg20539961	0.300968	0.82028	-1.2191	0.0145409	1.7444	1.7444	0.140774	0.746131	-1.34025	0.295035	0.818128	-1.2223	3.60996	1.95352	0.481021	1
cg01520447	0.194116	1.27991	1.27991	0.0720835	1.43425	1.43425	0.413217	1.16215	1.16215	0.25655	1.23706	1.23706	3.47098	1.77399	0.454303	1
cg20444370	0.786592	1.04086	1.04086	3.50E-05	0.307316	-3.25398	3.68E-05	3.22702	3.22702	0.000618065	0.459465	-2.17645	34.918	12.0436	0.306588	1
cg15793456	0.524602	1.09548	1.09548	0.00199023	1.85422	1.85422	0.521416	1.09627	1.09627	0.0238824	0.683019	-1.46409	18.7805	5.94941	0.281588	1
cg25925945	0.259815	0.890354	-1.12315	6.39E-05	0.483645	-2.06763	0.822674	0.978067	-1.02242	0.579595	0.946214	-1.05684	9.62569	1.48815	0.137424	1
cg06601742	0.488144	0.938998	-1.06497	0.0691242	0.833812	-1.19931	0.32569	0.9133	-1.09493	0.86464	0.984868	-1.01536	4.58912	0.580468	0.112434	1
cg00357532	0.0350102	0.451403	-2.21532	0.0211305	0.407484	-2.45409	0.143732	0.601315	-1.66302	0.260341	0.683763	-1.4625	3.95569	6.56816	1.47594	1
cg05157266	0.75564	0.87576	-1.14186	0.00506057	0.206997	-4.83098	0.0139653	0.275226	-3.63337	0.802691	0.899072	-1.11226	3.46001	9.89588	2.54229	1
cg22224337	0.000546132	0.25928	-3.85683	0.62673	0.884118	-1.13107	0.731064	1.09057	1.09057	0.591434	0.872698	-1.14587	4.2898	4.29063	0.88906	1
cg26787915	0.463228	1.15938	1.15938	0.880351	0.970607	-1.03028	3.43E-07	0.0537873	-18.5917	0.345541	0.824963	-1.21218	33.0432	20.5303	0.55228	1
cg21376733	0.0117577	0.639218	-1.56441	0.00467447	1.7071	1.7071	0.0994218	1.29282	1.29282	0.00534732	0.593487	-1.68496	10.9199	3.49744	0.284696	1
cg17605084	0.591105	1.09892	1.09892	0.60481	1.09505	1.09505	0.000349336	0.367921	-2.71797	0.01629	0.599927	-1.66687	7.87478	3.77324	0.425916	1
cg01810875	0.642888	1.12153	1.12153	0.0141271	2.10419	2.10419	0.00110042	0.306671	-3.26082	0.420441	1.22407	1.22407	7.11725	6.80116	0.849411	1
cg16509569	0.0056139	0.448979	-2.22727	0.0144505	1.94223	1.94223	0.0440015	1.66485	1.66485	0.0351702	0.582512	-1.7167	6.19379	4.75834	0.682884	1
cg21072795	0.0247977	0.528315	-1.89281	0.0581342	1.66758	1.66758	0.941622	1.01764	1.01764	0.586757	0.877167	-1.14003	5.02302	4.53649	0.802792	1
cg20502854	0.351158	0.877156	-1.14005	0.0983919	1.28093	1.28093	0.0743686	0.762188	-1.31201	0.570512	1.08146	1.08146	24.2731	7.17261	0.262663	1
cg10329648	0.0389066	1.25567	1.25567	0.00118816	1.57239	1.57239	0.000553021	0.600188	-1.66615	0.0594857	0.816637	-1.22453	22.5882	3.24402	0.127658	1
cg02668177	0.0830821	0.652438	-1.53271	0.0159121	0.51836	-1.92916	0.938644	1.01728	1.01728	0.000209401	0.251515	-3.9759	17.1364	13.4423	0.697272	1
cg16328548	0.169588	1.30733	1.30733	0.360844	1.18774	1.18774	0.087771	1.4122	1.4122	0.478261	0.876301	-1.14116	13.1056	6.96309	0.472272	1
cg25500795	0.121992	1.43109	1.43109	0.0337418	1.69928	1.69928	0.071922	1.53663	1.53663	0.0396531	0.601259	-1.66318	12.2119	8.8438	0.643732	1
cg01290856	0.0398606	0.41472	-2.41126	9.62E-05	0.0764767	-13.0759	0.0335101	0.398459	-2.50967	0.0170513	0.340453	-2.93727	11.8797	25.8219	1.9321	1
cg23072408	0.00932684	0.682212	-1.46582	0.09364	0.807506	-1.23838	0.528445	0.928616	-1.07687	0.000110093	0.454145	-2.20194	9.35058	1.99142	0.189309	1
cg12915892	0.00926018	0.264834	-3.77595	0.000187387	0.0791785	-12.6297	0.827372	1.09184	1.09184	0.754282	1.13465	1.13465	8.97284	23.0022	2.27869	1
cg26479279	0.443393	0.680258	-1.47003	0.0513849	0.335014	-2.98495	0.000430867	0.0641918	-15.5783	0.00495609	0.159713	-6.26122	7.91754	30.4807	3.42202	1
cg09785516	0.0116694	0.721506	-1.38599	0.00334289	0.66127	-1.51224	0.77344	0.970549	-1.03034	0.583862	0.944322	-1.05896	6.63649	1.12736	0.150998	1
cg15354803	0.0931398	0.627867	-1.59269	0.00238124	0.343972	-2.90722	0.797577	0.93729	-1.06691	0.00450303	0.385173	-2.59624	5.35884	5.38862	0.893828	1
cg26529687	0.0509022	0.298675	-3.34812	0.000924512	0.0679954	-14.7069	0.954085	0.969198	-1.03178	0.0155768	0.199559	-5.01105	4.95608	23.1739	4.15631	1
cg00827382	0.078235	0.304631	-3.28266	0.00440973	0.0993425	-10.0662	0.00903773	0.133169	-7.50926	0.0816919	0.309678	-3.22917	4.60478	26.9202	5.19657	1
cg03785456	0.119694	0.262657	-3.80725	0.0141559	0.0909751	-10.992	0.0167069	0.0989295	-10.1082	0.0427209	0.157679	-6.34199	3.63184	36.0665	8.82725	1
cg22232500	0.847259	0.976695	-1.02386	0.46157	0.912422	-1.09598	0.344766	1.12636	1.12636	0.588653	1.06904	1.06904	3.47745	0.823514	0.210502	1
cg03992259	0.981209	1.00337	1.00337	0.766774	0.95843	-1.04337	0.0729944	1.33038	1.33038	0.0161497	1.52215	1.52215	3.47132	1.12034	0.286881	1
cg12143106	8.63E-06	0.184699	-5.41422	0.00111008	0.432065	-2.31447	0.000983763	0.425046	-2.35269	0.0247493	0.626976	-1.59496	32.0857	15.4986	0.429366	1
cg03323444	0.994682	0.997105	-1.0029	0.00340833	0.177088	-5.64691	0.913584	0.953881	-1.04835	0.0233733	0.307781	-3.24906	4.71638	14.1321	2.66345	1
cg16888824	0.998624	1.00036	1.00036	0.420309	0.840716	-1.18946	0.542157	1.13886	1.13886	0.0758473	0.659443	-1.51643	4.66869	3.28347	0.625152	1
cg11605222	0.189092	0.483207	-2.0695	0.0488985	0.308613	-3.2403	0.909912	0.942544	-1.06096	0.0248803	0.247647	-4.038	4.01674	17.3859	3.84743	1
cg20370277	0.00378543	0.313883	-3.1859	0.514277	1.21674	1.21674	0.970205	1.01114	1.01114	0.735633	1.10574	1.10574	8.37512	11.6701	1.2386	1
cg03547606	0.970066	0.994315	-1.00572	0.0103627	0.612274	-1.63326	0.670684	1.06714	1.06714	0.346273	0.862982	-1.15877	3.82586	1.39868	0.324966	1
cg02585790	0.00185603	0.643147	-1.55485	0.721887	1.03636	1.03636	0.058231	0.807451	-1.23847	0.279409	1.11892	1.11892	8.76	1.38521	0.140559	1
cg08745461	0.0670934	0.432825	-2.31041	0.000267065	0.0870277	-11.4906	0.276674	0.630221	-1.58675	0.0214636	0.323895	-3.08742	7.60976	20.0668	2.34398	1
cg26862286	0.271779	1.25772	1.25772	0.0157002	1.81033	1.81033	0.315444	1.23128	1.23128	0.0172609	0.559109	-1.78856	5.80089	3.69103	0.565588	1
cg07310916	0.358434	1.30678	1.30678	0.639043	0.874721	-1.14322	0.452504	1.24215	1.24215	0.112346	0.612761	-1.63196	4.68537	5.957	1.13014	1
cg26258108	0.687133	1.07289	1.07289	0.000169212	0.328985	-3.03966	0.471111	0.880392	-1.13586	0.692981	0.93337	-1.07139	6.16923	2.95023	0.425082	1
cg09699751	0.0438399	0.49543	-2.01845	0.00374109	3.27652	3.27652	0.0114846	2.60811	2.60811	0.872117	1.05005	1.05005	4.13074	6.01261	1.29385	1
cg17014713	0.144772	0.699304	-1.42999	0.033459	0.566982	-1.76373	0.0764528	1.56843	1.56843	0.311894	0.78749	-1.26986	3.66221	3.02482	0.73418	1
cg12052114	0.00200273	0.33814	-2.95735	0.00452563	0.390437	-2.56123	0.0707776	1.65194	1.65194	0.000546871	0.263121	-3.80054	11.5201	11.2773	0.870157	1
cg10070431	0.00931326	0.336416	-2.97251	0.00265432	0.253363	-3.9469	0.765397	1.10388	1.10388	0.075435	0.520149	-1.92252	4.68019	8.08438	1.53543	1
cg23459209	0.650935	1.06446	1.06446	0.444265	1.11289	1.11289	0.260946	0.851467	-1.17444	0.000409845	0.463179	-2.15899	9.16084	2.72898	0.264797	1
cg08338359	0.00829854	0.507245	-1.97143	0.299386	0.805472	-1.24151	0.0538276	1.55324	1.55324	0.430266	0.850498	-1.17578	4.77832	3.06164	0.569542	1
cg21922416	0.00313859	0.361509	-2.76619	0.859287	1.04573	1.04573	0.707139	0.909281	-1.09977	0.674465	0.899024	-1.11232	4.0235	4.04584	0.893826	1
cg13689497	0.192228	1.29526	1.29526	1.14E-06	0.0937436	-10.6674	0.721792	1.06931	1.06931	0.814649	0.956939	-1.045	33.9505	18.889	0.494551	1
cg20732787	0.000471686	0.615962	-1.62348	0.000769014	1.56722	1.56722	0.000502713	1.61588	1.61588	0.683475	0.964485	-1.03682	26.9532	3.32164	0.109544	1
cg24856050	2.26E-05	0.162536	-6.15249	0.00259271	0.40928	-2.44332	0.101684	1.4674	1.4674	0.00524548	0.454739	-2.19907	18.8206	13.654	0.644871	1
cg12245370	0.00103515	0.179981	-5.55615	0.0011957	0.187191	-5.34212	0.00930313	0.312109	-3.20401	0.00151007	0.199269	-5.01833	13.6666	26.9576	1.75335	1
cg04615531	0.0189721	0.511134	-1.95643	0.107902	1.51353	1.51353	0.369234	0.804235	-1.24342	0.073162	0.62369	-1.60336	12.7989	11.3138	0.785751	1
cg02869708	0.00501581	1.77694	1.77694	0.0759285	1.35779	1.35779	0.444143	1.12841	1.12841	0.229741	0.822714	-1.21549	7.88957	2.99637	0.33759	1
cg01080357	0.765666	1.0967	1.0967	0.831949	0.936482	-1.06783	0.949754	0.980726	-1.01965	0.13855	0.61113	-1.63631	7.53097	11.3754	1.34265	1
cg05933408	0.000852225	0.340888	-2.93351	0.0974072	0.676664	-1.47784	0.837667	1.04504	1.04504	0.215964	0.756068	-1.32263	6.20442	4.531	0.649144	1
cg12086975	0.0105636	0.501835	-1.99269	0.888619	1.0305	1.0305	0.621066	1.11273	1.11273	0.355945	0.815834	-1.22574	6.08533	4.42877	0.646914	1
cg14570479	0.351627	0.785895	-1.27243	0.544121	0.857002	-1.16686	0.692529	1.10505	1.10505	0.27573	0.752022	-1.32975	5.67337	5.67634	0.889355	1
cg12131620	0.318388	1.43112	1.43112	0.0669655	2.04165	2.04165	0.216425	1.57164	1.57164	0.308582	0.693296	-1.44239	5.62189	10.7573	1.70085	1
cg13597198	0.00965414	0.65692	-1.52225	0.00749248	1.55525	1.55525	0.205349	0.842465	-1.18699	0.748112	0.959506	-1.0422	5.59124	1.45757	0.231723	1
cg06368293	0.894692	0.949625	-1.05305	0.812417	1.09722	1.09722	0.615772	0.820791	-1.21834	0.337237	0.679675	-1.47129	5.52222	13.3224	2.14445	1
cg01036806	0.115991	2.17996	2.17996	?	?	?	0.643198	1.23714	1.23714	0.00110688	0.111578	-8.96231	5.40547	15.8357	2.92957	1
cg26548187	0.0278289	0.475714	-2.1021	0.55612	0.843553	-1.18546	0.265496	0.717771	-1.3932	0.155702	0.647854	-1.54356	5.16051	6.67473	1.14971	1
cg10998894	0.105798	0.577006	-1.73308	0.0438516	0.486249	-2.05656	0.746661	0.904034	-1.10615	0.113034	0.58459	-1.7106	4.26921	6.55053	1.36388	1
cg24301352	0.151086	0.673841	-1.48403	0.00284564	0.348576	-2.86882	0.127877	1.52554	1.52554	0.248271	0.733683	-1.36299	4.18124	4.35953	0.92679	1
cg26794830	0.316647	0.630247	-1.58668	0.034838	0.333935	-2.99459	0.292666	1.62714	1.62714	0.277804	0.604547	-1.65413	3.7488	11.8066	2.7995	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17371436	NCLN	0.0387545	0.783422	0.958916	-1.04284	0.0327116	1.46298	1.46298	0.357939	1.15482	1.15482	0.066433	0.730939	-1.3681	0.405742	1.13828	1.13828	0.00360808	0.548858	-1.82197	0.437337	0.886354	-1.12822	0.763773	0.955145	-1.04696	0.37877	0.87154	-1.14739	3.72621	1.3682	0.326385	1
cg08114691	NCLN	0.0397818	0.814762	0.942622	-1.06087	0.0247792	1.95982	1.95982	0.0918952	1.5955	1.5955	0.390684	0.801361	-1.24788	0.782495	1.07216	1.07216	0.0288727	0.5227	-1.91314	0.00976831	2.27656	2.27656	0.787043	1.07055	1.07055	0.664541	0.895966	-1.11611	3.69056	3.70515	0.892403	1
cg20667124	NCLN	0.0420781	0.0313269	0.160126	-6.24508	0.0233525	0.140132	-7.13611	0.0637933	0.220652	-4.53202	0.0965248	0.266254	-3.75581	0.027465	0.150861	-6.62863	0.0854748	0.251903	-3.96979	0.00796267	0.084821	-11.7895	0.0620747	0.21795	-4.5882	0.0451643	0.188858	-5.29497	3.61483	30.1123	7.40463	1
cg23499194	NCLN	0.0431208	0.513036	0.865219	-1.15578	0.581252	1.12927	1.12927	0.00354842	0.422151	-2.36882	0.124192	1.43809	1.43809	0.200699	0.744571	-1.34306	0.52348	0.868397	-1.15155	0.0790485	1.53044	1.53044	0.170624	1.37498	1.37498	0.938054	0.983181	-1.01711	3.58211	2.70198	0.670488	1
cg11800244	NCLN	0.0469706	0.226859	0.871464	-1.14749	0.0800023	1.23446	1.23446	0.520821	1.07312	1.07312	0.733545	1.03775	1.03775	0.189182	0.86	-1.16279	0.492488	1.07852	1.07852	0.00260208	1.57197	1.57197	0.117514	1.20243	1.20243	0.272026	1.13199	1.13199	3.46923	0.646033	0.165527	1
cg03571089	NCLN	0.0474867	0.439401	0.835077	-1.19749	0.0568212	1.63667	1.63667	0.54937	1.14849	1.14849	0.366864	1.23598	1.23598	0.231219	0.750503	-1.33244	0.696264	1.0938	1.0938	0.00259371	0.385235	-2.59582	0.934793	0.981472	-1.01888	0.28082	0.773991	-1.292	3.45497	2.85815	0.73534	1
cg03984919	NCOA1;NCOA1;NCOA1	6.04E-08	0.310939	0.922404	-1.08412	2.71E-05	0.528282	-1.89293	1.52E-05	0.50124	-1.99505	0.272291	0.915725	-1.09203	7.76E-09	0.158337	-6.31563	6.67E-08	0.245988	-4.06524	0.0421293	0.834938	-1.19769	0.392657	0.934756	-1.0698	1.35E-08	0.179256	-5.57861	149.497	14.055	0.0835689	1
cg18149011	NCOA1;NCOA1;NCOA1	0.0361931	0.403373	0.865916	-1.15485	0.37576	0.858093	-1.16538	0.0955714	0.734729	-1.36105	0.710235	1.06485	1.06485	0.395442	0.863703	-1.15781	0.474558	1.13025	1.13025	0.00123638	2.2146	2.2146	0.935626	0.986492	-1.01369	0.422297	1.14798	1.14798	3.8204	1.7151	0.39905	1
cg16584577	NCOA1;NCOA1;NCOA1	0.0369604	0.0135167	0.664533	-1.50482	0.396338	0.890372	-1.12313	0.0347086	1.38974	1.38974	0.760623	0.959973	-1.0417	0.33219	0.874818	-1.14309	0.521331	0.916771	-1.09079	0.323865	0.872658	-1.14592	0.205151	0.836349	-1.19567	0.00555033	0.614409	-1.62758	3.79134	1.07313	0.251597	1
cg08252585	NCOA1;NCOA1;NCOA1	0.0425891	0.0696022	0.22466	-4.45116	0.139385	0.310249	-3.22322	0.0506572	0.19427	-5.14748	0.19566	0.365353	-2.73708	0.049104	0.191526	-5.22123	0.202599	0.371672	-2.69055	0.0029985	0.0500474	-19.9811	0.661537	1.38282	1.38282	0.0331264	0.159973	-6.25106	3.59867	30.8539	7.62104	1
cg06022832	NCOA1;NCOA1;NCOA1	0.0479996	0.00931972	0.250943	-3.98497	0.0458102	0.383029	-2.61077	0.221577	0.583592	-1.71353	0.404519	1.42978	1.42978	0.0234187	0.3214	-3.11139	0.849856	1.08268	1.08268	0.589825	1.25625	1.25625	0.0324462	0.350095	-2.85637	0.283399	0.626772	-1.59548	3.44098	9.57532	2.47354	1

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cg02859042	NCOR2;NCOR2	0.0360745	0.61545	1.06402	1.06402	0.00452299	1.58971	1.58971	0.502399	1.08698	1.08698	0.610651	0.939024	-1.06493	0.0506506	1.31373	1.31373
cg26524350	NCOR2;NCOR2	0.0368301	0.415	0.866012	-1.15472	0.0288929	0.640949	-1.56019	0.31234	0.834899	-1.19775	0.0883352	1.38356	1.38356	0.00459374	0.521334	-1.91815
cg20121920	NCOR2;NCOR2	0.03777	0.953196	1.01413	1.01413	0.380159	1.24017	1.24017	0.160032	1.43178	1.43178	0.096971	1.54586	1.54586	0.0304704	0.544408	-1.83686
cg10918016	NCOR2;NCOR2	0.0382483	0.364482	1.52315	1.52315	0.00174911	7.49623	7.49623	0.00806147	4.62939	4.62939	0.666123	1.21654	1.21654	0.130553	2.09024	2.09024
cg05395187	NCOR2;NCOR2	0.0413665	0.250667	2.55546	2.55546	0.00123721	40.0802	40.0802	0.0150414	10.3391	10.3391	0.477887	1.75772	1.75772	0.516867	1.67146	1.67146
cg14219896	NCOR2;NCOR2	0.0455521	0.419823	1.1421	1.1421	0.89673	1.02115	1.02115	0.549497	1.10255	1.10255	0.710804	1.06187	1.06187	0.0379271	1.47398	1.47398
cg24461063	NCOR2;NCOR2	0.04791	0.31462	1.48047	1.48047	0.157708	1.76826	1.76826	0.0182316	2.94874	2.94874	0.00395264	4.31738	4.31738	0.525714	0.784571	-1.27458
cg23880533	NCOR2;NCOR2	0.0492914	0.718157	1.21698	1.21698	0.00734666	6.50204	6.50204	0.0247249	4.25748	4.25748	0.347638	1.68865	1.68865	0.0414394	0.279671	-3.57563
cg02367916	NCR1;NCR1;NCR1;NCR1;NCR1	0.000338277	5.74E-05	0.163621	-6.1117	0.4691	0.836411	-1.19558	0.00140593	0.325749	-3.06985	0.523734	0.854947	-1.16966	0.00065933	0.282139	-3.54436
cg11356156	NCR1;NCR1;NCR1;NCR1;NCR1	0.000441986	0.711617	0.928412	-1.07711	0.000312616	0.310607	-3.21951	0.00154807	0.402272	-2.48588	0.376015	0.83382	-1.1993	3.51E-05	0.202176	-4.94619
cg13518366	NCR1;NCR1;NCR1;NCR1;NCR1	0.00133188	0.00509922	0.314089	-3.18382	0.000102604	0.116326	-8.59651	0.00153332	0.240125	-4.1645	0.0289186	0.446676	-2.23876	0.00110978	0.222334	-4.49773
cg18832619	NCR1;NCR1;NCR1;NCR1;NCR1	0.0066955	0.00193888	0.114746	-8.71488	0.00259941	0.127465	-7.84531	0.0179121	0.241586	-4.13931	0.0513053	0.334339	-2.99098	0.0148998	0.22799	-4.38616
cg17804112	NCR1;NCR1;NCR1;NCR1;NCR1	0.0114922	0.00724881	0.119025	-8.40163	0.0011898	0.0539619	-18.5316	0.0428394	0.23879	-4.18778	0.275396	0.497997	-2.00804	0.00758207	0.12123	-8.24878
cg20142762	NCR1;NCR1;NCR1;NCR1;NCR1	0.0184937	0.0221313	0.235702	-4.24265	0.0125208	0.194701	-5.13609	0.0507765	0.309645	-3.22951	0.379999	0.622266	-1.60703	0.0115423	0.189379	-5.28042
cg12123879	NCR1;NCR1;NCR1;NCR1;NCR1	0.019094	0.0165267	0.135263	-7.393	0.00603488	0.0862489	-11.5943	0.0237475	0.158192	-6.32143	0.0376596	0.192592	-5.19233	0.0054165	0.0820468	-12.1882
cg14550066	NCR1;NCR1;NCR1;NCR1;NCR1	0.0311299	0.0276983	0.267799	-3.73414	0.00422184	0.143817	-6.9533	0.0760627	0.36814	-2.71636	0.18171	0.487903	-2.04959	0.0191506	0.23811	-4.19975
cg25663770	NCR2	0.00129967	0.000781771	0.417922	-2.39279	0.788019	0.954772	-1.04737	0.00052245	0.395049	-2.53133	0.170487	0.778276	-1.28489	0.000341352	0.371337	-2.69297
cg25990402	NCR2	0.0256466	0.0235067	0.513055	-1.94911	0.0550278	0.584709	-1.71025	0.0158555	0.482464	-2.0727	0.467303	0.833232	-1.20015	0.0448484	0.566674	-1.76468
cg25798647	NCR2	0.0263237	0.813602	0.954814	-1.04732	0.669347	0.919341	-1.08774	0.00190101	0.422613	-2.36623	0.848491	0.96325	-1.03815	0.186079	0.759993	-1.3158
cg06139438	NCR2;NCR2	0.0382932	0.976139	1.0052	1.0052	0.319008	1.19571	1.19571	0.0188478	0.610336	-1.63844	0.0954796	1.37419	1.37419	0.165738	1.29246	1.29246
cg15311651	NCR3;NCR3;NCR3	4.11E-05	0.0179788	0.652337	-1.53295	0.0544442	0.723055	-1.38302	4.89E-06	0.212259	-4.71122	0.00962462	0.614477	-1.6274	0.000398798	0.432852	-2.31026
cg08610982	NCR3;NCR3;NCR3	5.01E-05	0.000108108	0.245459	-4.074	0.0167465	0.548276	-1.8239	0.00139231	0.385443	-2.59441	0.000102312	0.24275	-4.11946	0.000173118	0.269161	-3.71524
cg24544594	NCRNA00028	0.0033071	0.268965	0.771981	-1.29537	0.0022754	0.383106	-2.61024	0.00446068	0.426314	-2.34569	0.591565	0.885365	-1.12948	0.000143046	0.229101	-4.36488
cg15537254	NCRNA00028	0.0272547	0.917132	1.0327	1.0327	0.0149383	0.396416	-2.5226	0.874498	0.952306	-1.05008	0.131533	0.604518	-1.65421	0.0266934	0.444053	-2.25198
cg20704654	NCRNA00028;REM1	0.00113201	0.00562856	5.84322	5.84322	0.0108231	4.73373	4.73373	0.620699	1.27419	1.27419	0.0209795	3.85363	3.85363	0.00740609	5.34332	5.34332
cg26838023	NCRNA00028;REM1	0.00700114	0.0456732	1.80566	1.80566	0.133184	1.51862	1.51862	0.53698	1.17496	1.17496	0.0113024	2.26641	2.26641	0.627691	1.13433	1.13433
cg06534819	NCRNA00029	0.00414047	0.013884	0.249732	-4.0043	0.146742	2.03571	2.03571	0.297858	0.611069	-1.63648	0.501919	0.732682	-1.36485	0.00849592	0.215859	-4.63265
cg13671181	NCRNA00029	0.016356	0.901076	1.0244	1.0244	0.356555	0.832079	-1.20181	0.135554	0.732089	-1.36595	0.0146948	0.558651	-1.79003	0.00175866	0.421448	-2.37277
cg16240275	NCRNA00029	0.0297342	0.154629	0.438328	-2.2814	0.796021	0.869146	-1.15056	0.17745	0.460256	-2.1727	0.879822	1.08536	1.08536	0.0361912	0.267475	-3.73867
cg12680822	NCRNA00029	0.033189	0.0889085	0.59707	-1.67484	0.452404	1.23418	1.23418	0.0361539	0.511869	-1.95362	0.92798	1.02516	1.02516	0.263708	0.725982	-1.37745
cg13913108	NCRNA00032;NCRNA00032	4.10E-05	0.1616	0.745653	-1.34111	0.176713	0.754294	-1.32574	0.453488	1.16176	1.16176	0.602843	0.902061	-1.10857	4.47E-07	0.0607676	-16.4561
cg24670241	NCRNA00032;NCRNA00032	0.00843472	0.0048227	0.200961	-4.97608	0.662161	0.82806	-1.20764	0.382636	0.680987	-1.46846	0.0086877	0.238072	-4.20042	0.00241642	0.16317	-6.12858
cg25351599	NCRNA00051	2.15E-05	0.00348449	0.503193	-1.98731	8.62E-07	0.103393	-9.67184	0.000103554	0.304353	-3.28566	0.00187631	0.465869	-2.14652	4.91E-05	0.266702	-3.7495
cg14334488	NCRNA00051	0.000386776	0.000135148	3.9596	3.9596	0.000137486	0.25341	-3.94617	0.107978	0.694088	-1.44074	0.332225	0.811983	-1.23155	0.531916	0.876492	-1.14091
cg01590439	NCRNA00051	0.000423108	0.281328	0.748846	-1.33539	9.07E-05	0.164046	-6.09583	0.000221717	0.204213	-4.89684	0.928332	0.977031	-1.02351	0.000198396	0.198952	-5.02635
cg26510597	NCRNA00051	0.000752564	0.0033154	0.473347	-2.11261	0.0118007	0.5554	-1.8005	0.003538	0.477403	-2.09467	0.0101465	0.5453	-1.83385	0.00741788	0.524665	-1.90598
cg01749651	NCRNA00051	0.00155105	0.8033	0.952932	-1.04939	2.56E-05	0.19948	-5.01304	0.0046376	0.483097	-2.06998	0.125344	0.725813	-1.37777	0.0243071	0.595357	-1.67967
cg05829145	NCRNA00051	0.00190338	0.155252	1.49011	1.49011	0.000361221	0.223127	-4.48174	0.491795	1.20095	1.20095	0.0206543	0.481475	-2.07695	0.000537692	0.243646	-4.10432
cg13382840	NCRNA00052	0.000938423	0.00293732	0.33561	-2.97965	0.00582604	0.380955	-2.62498	0.00210456	0.314751	-3.17712	0.00171149	0.302199	-3.30908	0.110987	0.628708	-1.59056
cg17521134	NCRNA00052	0.0184699	0.245498	0.747775	-1.3373	0.775858	0.933976	-1.07069	0.00262988	0.369235	-2.70831	0.145769	0.688183	-1.4531	0.00246686	0.365194	-2.73827
cg20728791	NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081	3.92E-06	5.52E-05	0.266002	-3.75938	3.55E-07	0.0748226	-13.3649	0.0198563	0.608835	-1.64248	0.175584	0.775566	-1.28938	1.11E-06	0.106884	-9.35595
cg22961814	NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081	0.00115845	4.12E-05	0.267821	-3.73383	0.00582024	1.83793	1.83793	0.734446	1.05906	1.05906	0.243153	0.813972	-1.22854	0.781215	0.954161	-1.04804
cg06860555	NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081	0.00893919	0.418015	1.18388	1.18388	0.471202	0.861146	-1.16124	0.0225236	0.572752	-1.74596	0.107756	1.43042	1.43042	0.0183488	1.79268	1.79268
cg13540118	NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081;SHOC2;NCRNA00081	0.000476939	0.0203337	0.803671	-1.24429	0.980232	1.00194	1.00194	0.221494	1.10564	1.10564	0.722162	1.02829	1.02829	0.000543953	1.52198	1.52198
cg00547414	NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081;SHOC2;NCRNA00081	0.0218156	0.0499542	0.637862	-1.56774	0.0260073	0.58779	-1.70129	0.104117	1.42955	1.42955	0.613956	0.902759	-1.10772	0.115889	0.709143	-1.41015
cg09554983	NCRNA00081;NCRNA00081;NCRNA00081;SHOC2;NCRNA00081;NCRNA00081	0.00232818	0.0655911	0.826237	-1.21031	0.141719	1.15713	1.15713	0.0678645	1.20794	1.20794	0.0136146	1.32571	1.32571	0.00988519	1.35135	1.35135
cg15742049	NCRNA00081;NCRNA00081;SHOC2;NCRNA00081;NCRNA00081;NCRNA00081	0.0343889	0.735981	0.956472	-1.04551	0.684927	1.05511	1.05511	0.0294019	1.40124	1.40124	0.720969	0.953932	-1.04829	0.0609142	1.32021	1.32021
cg08841425	NCRNA00081;NCRNA00081;SHOC2;NCRNA00081;NCRNA00081;NCRNA00081	0.0419191	0.553722	1.06572	1.06572	0.0484176	1.27076	1.27076	0.00249313	1.56285	1.56285	0.609328	1.05629	1.05629	0.0128805	1.38835	1.38835
cg19176816	NCRNA00081;SHOC2;NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081	0.00289538	0.542722	1.09313	1.09313	0.231676	1.19877	1.19877	0.0530679	1.37392	1.37392	0.000111052	0.374372	-2.67114	0.76385	0.957391	-1.04451
cg02804564	NCRNA00081;SHOC2;NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081	0.0383728	0.217925	0.729667	-1.37049	0.779613	1.0706	1.0706	0.0321728	0.543268	-1.84071	0.0522531	0.58459	-1.7106	0.609122	1.13361	1.13361
cg05411953	NCRNA00085	0.000421434	0.0154031	1.38819	1.38819	0.0173692	1.37652	1.37652	0.000398338	1.86219	1.86219	0.0172252	1.37733	1.37733	0.55035	1.06893	1.06893
cg23061046	NCRNA00085	0.00359333	0.00364165	9.40781	9.40781	0.00424267	8.85573	8.85573	0.00770049	7.03748	7.03748	0.0119363	5.97579	5.97579	0.00832069	6.8349	6.8349
cg21951729	NCRNA00085	0.0069059	0.134262	1.88512	1.88512	0.00315429	4.87429	4.87429	0.0177155	3.10298	3.10298	0.664526	0.84256	-1.18686	0.0641619	2.26295	2.26295
cg13730743	NCRNA00085	0.0135337	0.120421	2.0755	2.0755	0.0714731	2.40283	2.40283	0.531484	1.31239	1.31239	0.030089	3.06614	3.06614	0.368279	1.48765	1.48765
cg21940568	NCRNA00085	0.0153309	0.549053	0.90083	-1.11009	0.774056	0.951627	-1.05083	0.677365	1.07474	1.07474	0.135213	1.31968	1.31968	0.0795419	1.39827	1.39827
cg01462607	NCRNA00085	0.0226649	0.029547	4.75302	4.75302	0.00634214	8.68733	8.68733	0.0236058	5.17751	5.17751	0.269185	2.01385	2.01385	0.0334495	4.53446	4.53446
cg22278033	NCRNA00085	0.037936	0.110421	0.354819	-2.81834	0.0829052	3.13832	3.13832	0.0194409	5.38053	5.38053	0.499148	1.50475	1.50475	0.0142386	0.165152	-6.05504
cg17519645	NCRNA00085	0.040556	0.156613	1.99335	1.99335	0.0133269	4.03852	4.03852	0.0215298	3.51457	3.51457	0.895949	1.06138	1.06138	0.823566	0.903332	-1.10701
cg24481841	NCRNA00085	0.0423395	0.758473	0.893267	-1.11949	0.236033	0.634817	-1.57526	0.599002	0.823508	-1.21432	0.73681	0.883874	-1.13138	0.0312879	0.396685	-2.52089
cg04617012	NCRNA00086	0.00967073	0.29676	1.67208	1.67208	0.414721	0.672886	-1.48614	0.00144638	0.112202	-8.91246	0.438728	1.45544	1.45544	0.00104626	0.0997406	-10.026
cg05530348	NCRNA00086	0.0493993	0.0437615	2.38151	2.38151	0.260863	0.644672	-1.55118	0.0613348	0.454193	-2.20171	0.711	1.1495	1.1495	0.0091584	0.28965	-3.45244
cg24290043	NCRNA00087	0.00596151	0.309741	1.39379	1.39379	0.260662	0.690334	-1.44858	0.00878436	0.348502	-2.86943	0.00227528	0.259696	-3.85066	0.000998144	0.213549	-4.68277
cg01764082	NCRNA00092	1.45E-05	0.308175	1.33692	1.33692	0.000624689	4.25603	4.25603	1.73E-05	11.2979	11.2979	0.553531	1.17938	1.17938	0.659357	0.885045	-1.12989
cg00462570	NCRNA00092	1.48E-05	0.0135377	0.622902	-1.60539	0.000304338	2.48186	2.48186	3.41E-06	5.44552	5.44552	0.0519322	1.40855	1.40855	0.00264369	0.524981	-1.90483
cg19113375	NCRNA00092	2.38E-05	0.473224	0.836124	-1.19599	0.0112664	2.17899	2.17899	1.11E-05	9.90696	9.90696	0.542678	1.16321	1.16321	0.902302	1.03059	1.03059
cg05347878	NCRNA00092	0.000163291	0.823711	1.08009	1.08009	0.0095506	3.10598	3.10598	0.000104272	10.6833	10.6833	0.246504	1.51961	1.51961	0.274223	0.675133	-1.48119
cg14018731	NCRNA00092	0.000594348	0.497346	1.46104	1.46104	0.103103	2.66752	2.66752	0.000345727	23.7641	23.7641	0.477979	1.48731	1.48731	0.685148	0.799076	-1.25145
cg14312133	NCRNA00092	0.00205096	0.0146412	0.355133	-2.81585	0.00446654	3.69163	3.69163	0.0233665	2.54256	2.54256	0.0418878	2.24272	2.24272	0.0143716	0.35368	-2.82741
cg14068657	NCRNA00092	0.00349755	0.0417635	0.414965	-2.40984	0.0200532	2.86202	2.86202	0.0847546	2.04311	2.04311	0.0191315	2.89412	2.89412	0.0169519	0.33573	-2.97858
cg14214182	NCRNA00092	0.0443249	0.0271353	0.369377	-2.70726	0.638505	1.19743	1.19743	0.244398	0.628943	-1.58997	0.959293	1.01963	1.01963	0.0130314	0.30944	-3.23164
cg10727259	NCRNA00093;DNMBP	0.0256731	0.00750492	0.116693	-8.56953	0.195372	0.425316	-2.3512	0.192704	2.36469	2.36469	0.371862	0.564192	-1.77244	0.923874	1.06148	1.06148
cg13789015	NCRNA00094	0.00152147	0.0863766	0.647435	-1.54456	0.00284307	0.389563	-2.56698	0.101127	0.662342	-1.50979	0.00116614	0.334883	-2.98612	0.267945	0.767354	-1.30318
cg16688046	NCRNA00094	0.0162573	0.373172	0.856909	-1.16699	0.0731312	1.40156	1.40156	0.669219	1.07529	1.07529	0.00877652	0.569049	-1.75732	0.0214223	0.626956	-1.59501
cg06407115	NCRNA00095	0.00851451	0.00780252	0.497123	-2.01157	0.14495	1.3776	1.3776	0.258409	1.27292	1.27292	0.39115	0.835437	-1.19698	0.0195011	0.561154	-1.78204
cg00026853	NCRNA00095	0.0409727	0.143019	0.643518	-1.55396	0.469883	0.813927	-1.22861	0.0107153	0.407336	-2.45498	0.18203	1.48686	1.48686	0.020325	2.18871	2.18871
cg05768582	NCRNA00095;FBXL19	0.000588348	0.181868	0.743748	-1.34454	0.0236685	0.568736	-1.75829	0.0406791	0.610355	-1.63839	0.47107	1.16553	1.16553	0.0111013	0.514157	-1.94493
cg24817257	NCRNA00099;KCNIP4	0.000275404	5.21E-05	0.18289	-5.46778	0.00120936	0.345019	-2.89839	0.0526442	0.609771	-1.63996	0.398055	0.823421	-1.21444	6.66E-05	0.193703	-5.16255
cg22803950	NCRNA00111	0.00181346	0.627961	0.929038	-1.07638	0.18262	0.808008	-1.23761	0.0076714	0.59661	-1.67614	0.559485	0.914887	-1.09303	2.15E-05	0.275634	-3.62801
cg02983759	NCRNA00111	0.0094907	0.0273746	1.98144	1.98144	0.179232	1.45325	1.45325	0.66077	0.890741	-1.12266	0.327639	1.30309	1.30309	0.0434158	1.83777	1.83777
cg02569596	NCRNA00111	0.0169524	0.723847	0.941973	-1.0616	0.292767	1.20192	1.20192	0.00400369	0.521152	-1.91883	0.818173	1.03957	1.03957	0.0217721	1.59048	1.59048
cg07177394	NCRNA00111	0.0192674	0.0162814	0.369854	-2.70377	0.700548	0.877368	-1.13977	0.0650661	0.495947	-2.01635	0.124076	0.569025	-1.75739	0.00679657	0.305009	-3.27859
cg12306444	NCRNA00113	0.00313227	0.00749625	0.242644	-4.12126	0.00498896	0.21676	-4.6134	0.271087	0.624113	-1.60227	0.00556957	0.223542	-4.47344	0.000386038	0.0973057	-10.2769
cg11767757	NCRNA00114	0.00493818	0.00673545	0.222774	-4.48885	0.0870828	0.445964	-2.24234	0.00630899	0.218638	-4.57377	0.000975623	0.122871	-8.1386	0.0192781	0.298254	-3.35285
cg14685006	NCRNA00114;NCRNA00114	0.00944054	0.568489	1.20278	1.20278	0.642877	1.16134	1.16134	0.0126027	0.370205	-2.7012	0.103084	1.77041	1.77041	0.00904303	0.345457	-2.89472
cg13049432	NCRNA00114;NCRNA00114	0.0134288	0.474869	0.708881	-1.41067	0.00269437	0.140401	-7.12244	0.21412	0.538325	-1.85761	0.456082	1.43247	1.43247	0.963363	0.978487	-1.02199
cg02532853	NCRNA00114;NCRNA00114	0.035593	0.978181	1.01198	1.01198	0.170472	0.529554	-1.88838	0.122854	0.482856	-2.07101	0.251604	1.68476	1.68476	0.13927	0.500078	-1.99969
cg06804705	NCRNA00114;NCRNA00114;NCRNA00114	0.00944913	0.0912631	0.505588	-1.9779	0.0171776	0.34479	-2.90031	0.0471126	0.434681	-2.30054	0.00154409	0.188246	-5.3122	0.00140629	0.18345	-5.45107
cg11781977	NCRNA00114;NCRNA00114;NCRNA00114	0.00982321	0.339395	1.16586	1.16586	0.157172	0.789956	-1.26589	0.272102	0.836808	-1.19502	0.0113267	1.6392	1.6392	0.511592	1.10932	1.10932
cg01618535	NCRNA00114;NCRNA00114;NCRNA00114	0.0230466	0.684982	0.95693	-1.04501	0.0210565	0.741165	-1.34923	0.365499	0.904506	-1.10558	0.70476	1.04195	1.04195	0.109147	1.20753	1.20753
cg17432627	NCRNA00114;NCRNA00114;NCRNA00114	0.0256	0.16927	0.792761	-1.26141	0.17504	0.795536	-1.25701	0.0528215	0.705358	-1.41772	0.142819	0.778975	-1.28374	0.776257	1.04622	1.04622
cg03213877	NCRNA00115;LOC643837	7.80E-05	0.313121	0.769479	-1.29958	0.0462327	0.563506	-1.7746	0.847888	1.04941	1.04941	0.000385626	4.14748	4.14748	0.186342	0.703371	-1.42172
cg01551879	NCRNA00115;LOC643837	0.000513048	0.0249895	0.769585	-1.2994	0.326789	0.905371	-1.10452	0.0504414	1.24476	1.24476	0.231539	1.13114	1.13114	0.0632087	0.814506	-1.22774
cg24699430	NCRNA00115;LOC643837	0.00396704	0.0067112	0.505195	-1.97943	0.552723	1.12372	1.12372	0.175227	1.32312	1.32312	0.285081	0.806021	-1.24066	0.782496	0.947671	-1.05522
cg23803172	NCRNA00115;LOC643837	0.0128483	0.763281	1.14393	1.14393	0.857238	1.08347	1.08347	0.40074	1.46656	1.46656	0.158267	1.95716	1.95716	0.0221186	0.294783	-3.39233
cg02169857	NCRNA00116	0.00487628	0.041366	0.400649	-2.49595	0.00459196	0.230672	-4.33516	0.0401201	2.51446	2.51446	0.388092	0.709003	-1.41043	0.271584	0.640864	-1.56039
cg19193403	NCRNA00116	0.0145352	0.00243441	0.187119	-5.3442	0.0459128	0.402993	-2.48143	0.0170463	0.314942	-3.17519	0.0269049	0.353084	-2.83219	0.00232946	0.184767	-5.41223
cg09068086	NCRNA00116	0.0449742	0.0522694	0.0920438	-10.8644	0.00606475	0.0208029	-48.0702	0.684976	1.55386	1.55386	0.0425262	0.0801452	-12.4774	0.792867	0.752477	-1.32894
cg05844859	NCRNA00119	0.00280645	0.0193541	0.495166	-2.01952	0.0364921	0.546568	-1.8296	0.00208577	0.34078	-2.93444	0.175968	1.42988	1.42988	0.000913982	0.291751	-3.42758
cg00881086	NCRNA00119;NPHP3	0.00155758	0.0222632	1.27616	1.27616	9.35E-05	1.8592	1.8592	0.00308206	1.43413	1.43413	0.0698081	1.19778	1.19778	0.325208	0.913545	-1.09464
cg01412450	NCRNA00119;NPHP3	0.0306818	0.539964	0.84898	-1.17788	0.598009	0.869012	-1.15073	0.00691097	0.397524	-2.51557	0.137732	1.52464	1.52464	0.120431	0.641171	-1.55965
cg00495436	NCRNA00119;NPHP3	0.0419074	0.0205944	0.694736	-1.4394	0.838607	1.02699	1.02699	0.646118	0.941407	-1.06224	0.282153	0.86419	-1.15715	0.803272	0.967927	-1.03314
cg27561949	NCRNA00120;AKIRIN2	0.00820965	0.00320007	0.568276	-1.75971	0.0231556	0.682987	-1.46416	0.302484	1.16184	1.16184	0.0572189	0.739252	-1.35272	0.306304	1.16037	1.16037
cg16649755	NCRNA00120;AKIRIN2	0.00990709	0.659301	1.0559	1.0559	0.328768	1.13153	1.13153	0.980956	1.00293	1.00293	0.0250673	1.38644	1.38644	0.00131044	0.563544	-1.77448
cg22469435	NCRNA00120;AKIRIN2	0.0113645	0.0296004	0.729105	-1.37155	0.975707	0.996251	-1.00376	0.199216	0.84592	-1.18215	0.00552099	0.637687	-1.56817	0.073332	0.781666	-1.27932
cg02486845	NCRNA00120;AKIRIN2;AKIRIN2	0.00148288	0.1524	1.12798	1.12798	0.0474783	0.836845	-1.19497	0.0121802	0.782364	-1.27818	0.856174	0.985848	-1.01436	0.000127317	1.68833	1.68833
cg16426221	NCRNA00120;AKIRIN2;AKIRIN2	0.0368631	0.141548	0.734906	-1.36072	0.543137	1.12742	1.12742	0.396181	0.844255	-1.18448	0.800958	0.95197	-1.05045	0.534461	1.13042	1.13042
cg00863099	NCRNA00152;NCRNA00152;NCRNA00152	0.015773	0.0373308	0.110147	-9.07879	0.10408	5.06413	5.06413	0.695295	0.698148	-1.43236	0.135798	0.230529	-4.33785	0.00201314	0.0187285	-53.3946
cg20316715	NCRNA00157	0.010972	0.618752	1.15263	1.15263	0.0184468	0.445119	-2.24659	0.925527	0.973874	-1.02683	0.0134243	2.37942	2.37942	0.00328556	0.321664	-3.10884
cg25864727	NCRNA00158	0.0242194	0.00985731	0.162274	-6.16242	0.362092	0.593155	-1.6859	0.203118	0.472814	-2.115	0.629126	0.762365	-1.31171	0.00811536	0.151113	-6.61758
cg22920954	NCRNA00159	0.00115966	0.0456818	0.740018	-1.35132	0.00323126	0.589821	-1.69543	0.446847	0.903132	-1.10726	0.00515371	0.615434	-1.62487	0.000105584	0.406627	-2.45926
cg08989212	NCRNA00160	0.00138281	0.0435813	0.559847	-1.7862	0.00169432	0.325889	-3.06852	0.00143764	0.316017	-3.16438	0.00525989	0.398512	-2.50934	0.00231226	0.345022	-2.89836
cg17595945	NCRNA00160	0.00514356	0.0667629	1.36751	1.36751	0.7772	1.04415	1.04415	0.201042	0.81413	-1.22831	0.565387	0.915309	-1.09253	0.00102063	0.476324	-2.09941
cg26405835	NCRNA00160	0.00724648	0.456473	0.909946	-1.09897	0.11557	0.808267	-1.23721	0.0686386	0.775997	-1.28867	0.0609146	0.768855	-1.30063	0.698771	1.04958	1.04958
cg06626786	NCRNA00160	0.0236733	0.800092	0.951541	-1.05093	0.731685	0.934841	-1.0697	0.188669	0.761365	-1.31343	0.201987	0.768178	-1.30178	0.17317	1.32808	1.32808
cg24196240	NCRNA00160	0.0454944	0.31784	0.8854	-1.12943	0.0202448	0.718899	-1.39102	0.00188432	0.594872	-1.68103	0.159083	0.837433	-1.19413	0.241318	0.86538	-1.15556
cg25912938	NCRNA00161;NCRNA00161	0.000809938	0.000152275	0.192213	-5.20257	0.000604279	0.261207	-3.82837	0.0251983	0.508784	-1.96547	0.584802	0.869304	-1.15035	0.038244	0.543549	-1.83976
cg06212876	NCRNA00161;NCRNA00161	0.035226	0.0301851	0.135696	-7.36939	0.0116827	0.0846587	-11.8121	0.0976704	0.240761	-4.1535	0.161223	0.309603	-3.22994	0.0294977	0.134175	-7.45293
cg24617741	NCRNA00161;NCRNA00161	0.0473432	0.0236404	0.159593	-6.26593	0.137114	0.337038	-2.96702	0.403868	0.559826	-1.78627	0.0662058	0.24672	-4.05317	0.706079	0.773121	-1.29346
cg04070987	NCRNA00162	1.33E-05	0.00916572	0.645204	-1.5499	6.75E-07	0.166859	-5.99309	0.166724	0.822652	-1.21558	0.525622	1.0889	1.0889	0.412447	0.894974	-1.11735
cg13136556	NCRNA00162	0.00632352	0.00469524	0.242527	-4.12325	0.0184167	0.340255	-2.93897	0.0818245	0.483354	-2.06888	0.00750261	0.273237	-3.65982	0.00038557	0.118212	-8.45937

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02859042	0.0841219	1.26383	1.26383	0.0377219	1.34353	1.34353	0.0112866	1.47524	1.47524	0.790652	0.967927	-1.03314	3.82496	0.90943	0.211344	1
cg26524350	0.656998	0.925739	-1.08022	0.146081	1.30919	1.30919	0.337958	1.18595	1.18595	0.527357	0.895327	-1.11691	3.79622	1.79226	0.41966	1
cg20121920	0.849963	1.04632	1.04632	0.00388865	2.53344	2.53344	0.0972732	1.54514	1.54514	0.206587	1.37508	1.37508	3.76148	3.40581	0.80484	1
cg10918016	0.255123	1.70998	1.70998	0.0669913	2.52722	2.52722	0.235084	1.75406	1.75406	0.322957	1.58565	1.58565	3.7442	12.0906	2.87035	1
cg05395187	0.248672	2.56652	2.56652	0.0790592	4.59121	4.59121	0.51298	1.67968	1.67968	0.584664	1.53947	1.53947	3.63774	35.201	8.60142	1
cg14219896	0.269039	1.20389	1.20389	0.00147401	2.09542	2.09542	0.838967	0.967732	-1.03334	0.0402611	1.46518	1.46518	3.50945	1.44432	0.365824	1
cg24461063	0.0626816	2.20414	2.20414	0.999263	1.00035	1.00035	0.084361	2.05525	2.05525	0.154848	1.77623	1.77623	3.44341	7.76418	2.00426	1
cg23880533	0.333517	1.71676	1.71676	0.17542	2.18297	2.18297	0.329586	1.72484	1.72484	0.252139	1.91198	1.91198	3.40655	15.8375	4.13257	1
cg02367916	0.493173	1.18387	1.18387	0.0178185	0.497277	-2.01095	0.596161	0.87835	-1.1385	7.16E-05	0.172923	-5.78292	15.9175	14.8285	0.828078	1
cg11356156	0.326386	0.816529	-1.2247	0.000797068	0.36306	-2.75437	0.00873975	0.512615	-1.95078	0.0035556	0.45375	-2.20386	14.787	9.37155	0.563349	1
cg13518366	0.0398793	0.47555	-2.10283	0.00651417	0.330786	-3.0231	0.00786196	0.344014	-2.90686	0.0190627	0.41152	-2.43002	10.8436	16.8134	1.37826	1
cg18832619	0.00499661	0.159738	-6.26024	0.278449	1.74439	1.74439	0.189618	0.503597	-1.98571	0.111717	0.425184	-2.35192	6.70735	25.8947	3.43168	1
cg17804112	0.01492	0.158935	-6.2919	0.0288134	0.205173	-4.87393	0.0623555	0.275571	-3.62883	0.0700938	0.288182	-3.47002	5.6521	33.7905	5.31412	1
cg20142762	0.359802	0.608985	-1.64208	0.00499409	0.141256	-7.07937	0.0341082	0.271828	-3.6788	0.00794646	0.166501	-6.00597	4.83091	21.2309	3.9065	1
cg12123879	0.156518	0.355088	-2.8162	0.0119666	0.117414	-8.51685	0.0992894	0.291021	-3.43618	0.0507833	0.218644	-4.57365	4.77908	35.325	6.57029	1
cg14550066	0.0330138	0.283076	-3.53262	0.0183295	0.234786	-4.25919	0.0522334	0.327034	-3.05779	0.168222	0.475515	-2.10298	4.03341	16.3696	3.60757	1
cg25663770	0.0644537	0.699958	-1.42866	0.838103	1.03576	1.03576	0.0150251	0.598498	-1.67085	0.00146564	0.45438	-2.2008	10.9199	5.10053	0.415188	1
cg25990402	0.214272	1.3806	1.3806	0.0312991	1.86482	1.86482	0.662249	1.11451	1.11451	0.279842	0.757966	-1.31932	4.31865	4.16166	0.856577	1
cg25798647	0.0678626	1.49239	1.49239	0.0565464	1.52591	1.52591	0.109163	0.710361	-1.40773	0.925778	1.01841	1.01841	4.27952	2.59754	0.53953	1
cg06139438	0.326394	1.19226	1.19226	0.00486297	1.91169	1.91169	0.840898	0.965718	-1.0355	0.525625	0.894382	-1.11809	3.74259	1.78542	0.424049	1
cg15311651	0.137411	0.788406	-1.26838	2.27E-06	0.179937	-5.55751	0.00693217	0.594989	-1.6807	0.0489185	0.71595	-1.39674	28.0282	9.80206	0.310864	1
cg08610982	0.362734	0.824866	-1.21232	3.35E-06	0.104608	-9.55951	0.0774963	0.667716	-1.49764	0.000185419	0.2727	-3.66704	26.6031	17.8481	0.596358	1
cg24544594	0.0454239	0.597018	-1.67499	0.398544	0.823419	-1.21445	0.483673	0.852141	-1.17352	0.0124143	0.496843	-2.01271	8.31346	6.65294	0.711344	1
cg15537254	0.652057	0.86907	-1.15066	0.0340189	0.465333	-2.149	0.0109256	2.68487	2.68487	0.752651	0.906881	-1.10268	4.22771	6.40007	1.34563	1
cg20704654	0.15166	0.474183	-2.10889	5.34E-05	38.9484	38.9484	0.00369509	6.72464	6.72464	0.0384211	3.20645	3.20645	11.3591	42.4491	3.32179	1
cg26838023	0.0641199	1.71013	1.71013	0.000264829	4.68842	4.68842	0.00401174	2.7104	2.7104	0.0894927	1.6207	1.6207	6.61478	6.96831	0.936396	1
cg06534819	0.149429	0.493873	-2.02481	0.000114277	0.0454936	-21.9811	0.379328	0.662569	-1.50928	0.179165	0.521376	-1.918	7.77114	25.6382	2.93258	1
cg13671181	0.0588109	0.66117	-1.51247	0.0565339	0.658032	-1.51968	0.0128786	0.54955	-1.81967	0.0100169	0.532459	-1.87808	5.03397	2.99625	0.529072	1
cg16240275	0.012932	0.188174	-5.31423	0.00146934	0.083267	-12.0096	0.126672	0.408838	-2.44595	0.826755	0.888103	-1.126	4.09976	19.0308	4.12616	1
cg12680822	0.331818	1.31678	1.31678	0.633501	0.876316	-1.14114	0.00132553	0.277097	-3.60884	0.433667	0.80285	-1.24556	3.94196	4.71642	1.06353	1
cg13913108	0.0105013	0.531367	-1.88194	0.000295171	0.314261	-3.18207	0.328208	0.82024	-1.21916	0.0152262	0.556965	-1.79544	28.0487	17.1267	0.54276	1
cg24670241	0.00233448	0.161433	-6.19451	0.0196127	0.29819	-3.35357	0.0671819	0.41464	-2.41173	0.0406061	0.36255	-2.75824	6.2392	18.197	2.5925	1
cg25351599	0.000776216	0.41433	-2.41353	6.85E-05	0.28326	-3.53032	0.000284519	0.358126	-2.79231	0.0115446	0.578561	-1.72843	33.2367	15.7978	0.422498	1
cg14334488	0.125917	0.708372	-1.41169	0.020137	0.557878	-1.79251	0.0116122	1.92878	1.92878	0.0519139	1.58487	1.58487	15.3417	10.5332	0.61029	1
cg01590439	0.667516	1.11809	1.11809	0.503964	1.19145	1.19145	0.0229798	0.49533	-2.01885	0.00260601	0.34054	-2.93651	14.9665	15.815	0.939285	1
cg26510597	0.188816	1.2974	1.2974	0.00201429	0.442713	-2.2588	5.35E-05	0.244194	-4.0951	0.00978816	0.54291	-1.84193	12.7493	7.0619	0.492359	1
cg01749651	0.419316	0.852648	-1.17282	0.057802	0.660755	-1.51342	0.0151993	0.562132	-1.77894	0.821875	0.957374	-1.04452	10.379	6.13443	0.52537	1
cg05829145	0.00618013	0.391995	-2.55105	0.0240324	0.493669	-2.02565	0.166132	0.678919	-1.47293	0.0257159	0.499199	-2.00321	9.78186	10.655	0.968228	1
cg13382840	0.00342724	0.345526	-2.89414	0.738487	1.09368	1.09368	0.000144833	0.17395	-5.74877	0.00134114	0.287764	-3.47507	11.9803	13.5542	1.00567	1
cg17521134	0.120888	0.668668	-1.49551	0.487687	0.844754	-1.18378	0.0339815	0.55309	-1.80803	0.0150386	0.489142	-2.04439	4.83301	4.38248	0.806028	1
cg20728791	1.33E-05	0.199963	-5.00093	0.00359486	0.498711	-2.00517	0.00129405	0.43727	-2.28692	3.65E-05	0.245937	-4.06608	51.6714	25.4839	0.438393	1
cg22961814	0.629585	0.921361	-1.08535	0.392241	1.15919	1.15919	0.634958	1.08394	1.08394	0.00670372	0.552871	-1.80874	11.2846	5.07619	0.39985	1
cg06860555	0.000496987	3.03893	3.03893	0.242431	1.2834	1.2834	0.541452	1.13437	1.13437	0.372123	1.2055	1.2055	6.12553	4.03576	0.585638	1
cg13540118	0.000221538	1.61714	1.61714	0.000455852	0.649525	-1.53959	0.875379	1.01234	1.01234	0.0773049	0.857725	-1.16587	14.4788	1.40034	0.0859704	1
cg00547414	0.0147291	0.546763	-1.82895	0.00469129	0.469608	-2.12944	0.0434012	0.626759	-1.59551	0.611527	0.902115	-1.10851	4.5671	2.92584	0.569451	1
cg09554983	0.0018114	0.663857	-1.50635	0.0260549	0.783528	-1.27628	0.0519934	1.22656	1.22656	0.0119043	1.33635	1.33635	9.22299	1.24634	0.120119	1
cg15742049	0.762209	0.960878	-1.04072	0.00507	0.614317	-1.62782	0.0714761	0.767435	-1.30304	0.442234	0.902092	-1.10853	3.89184	1.06594	0.24346	1
cg08841425	0.799845	1.02736	1.02736	0.861343	0.981595	-1.01875	0.0693791	1.24092	1.24092	0.529273	1.07007	1.07007	3.61991	0.647294	0.158946	1
cg19176816	0.0364936	0.703786	-1.42089	0.0489447	1.38392	1.38392	0.196426	1.21823	1.21823	0.843926	1.0289	1.0289	8.64874	2.86086	0.29403	1
cg02804564	0.00164207	0.334124	-2.9929	0.63816	1.12208	1.12208	0.727327	0.918399	-1.08885	0.496488	0.845442	-1.18281	3.73975	3.50232	0.832455	1
cg05411953	5.86E-05	2.27292	2.27292	0.00190438	0.615566	-1.62452	0.372903	1.10618	1.10618	0.0324103	1.31824	1.31824	14.9829	2.88788	0.171329	1
cg23061046	0.00738998	7.14795	7.14795	0.000833938	17.5629	17.5629	0.00604284	7.71824	7.71824	0.0277346	4.40474	4.40474	8.10964	41.7085	4.57162	1
cg21951729	0.0225521	2.92257	2.92257	0.00110162	6.61203	6.61203	0.00637144	4.03086	4.03086	0.776447	0.894249	-1.11826	6.64308	16.2177	2.17003	1
cg13730743	0.000256976	16.4785	16.4785	0.306141	1.57769	1.57769	0.703703	0.84901	-1.17784	0.358916	1.50009	1.50009	6.03842	17.1544	2.20958	1
cg21940568	0.000907774	2.35082	2.35082	0.063996	0.698653	-1.43133	0.600258	1.09536	1.09536	0.0213071	1.61078	1.61078	5.14342	2.41728	0.417756	1
cg01462607	0.647432	1.32329	1.32329	0.00357047	11.0383	11.0383	0.0288692	4.79512	4.79512	0.169773	2.43434	2.43434	4.50759	26.4211	5.2102	1
cg22278033	0.637147	1.3271	1.3271	0.489312	1.51944	1.51944	0.121746	2.71595	2.71595	0.172268	2.37581	2.37581	3.75545	21.1004	4.99431	1
cg17519645	0.127723	2.11648	2.11648	0.0069044	4.91333	4.91333	0.109856	2.21106	2.21106	0.478356	0.720258	-1.38839	3.66444	12.0291	2.91792	1
cg24481841	0.0908137	0.505713	-1.97741	0.00100247	0.167387	-5.97418	0.270166	0.656926	-1.52224	0.311766	0.681844	-1.46661	3.60654	7.64973	1.8854	1
cg04617012	0.879665	0.93054	-1.07464	0.252337	1.76509	1.76509	0.377921	0.650571	-1.53711	0.575329	0.764171	-1.30861	5.97417	21.3655	3.17894	1
cg05530348	0.155192	1.76734	1.76734	0.427519	1.35429	1.35429	0.343218	0.693808	-1.44132	0.897516	1.04943	1.04943	3.40372	7.55553	1.97314	1
cg24290043	0.44119	1.28157	1.28157	0.172275	1.58235	1.58235	0.655242	1.15252	1.15252	0.724185	0.894122	-1.11842	6.95296	10.9874	1.40466	1
cg01764082	0.597316	0.863503	-1.15807	3.51E-07	57.4748	57.4748	0.22036	0.70137	-1.42578	0.691792	1.11593	1.11593	36.8305	44.2051	1.06687	1
cg00462570	0.571041	1.09273	1.09273	4.43E-06	5.1398	5.1398	0.0840691	0.743728	-1.34458	0.500497	0.899492	-1.11174	36.6415	13.9239	0.337782	1
cg19113375	0.783211	1.07001	1.07001	6.24E-07	28.5458	28.5458	0.703744	0.910523	-1.09827	0.673833	1.10945	1.10945	32.3734	30.863	0.847418	1
cg05347878	0.236629	0.651706	-1.53443	4.93E-06	36.5146	36.5146	0.765105	1.10901	1.10901	0.469966	1.28893	1.28893	19.4073	36.6466	1.67848	1
cg14018731	0.165403	0.443022	-2.25722	1.66E-05	130.451	130.451	0.173702	2.21765	2.21765	0.901544	0.934164	-1.07048	13.6198	65.3145	4.26272	1
cg14312133	0.0208107	2.60726	2.60726	0.000704311	5.92183	5.92183	0.785894	1.09832	1.09832	0.815211	1.08398	1.08398	9.57144	17.9837	1.67013	1
cg14068657	0.0140332	3.11642	3.11642	0.00140598	5.65908	5.65908	0.338855	0.69109	-1.44699	0.396175	0.722059	-1.38493	8.17552	18.1876	1.97746	1
cg14214182	0.0644349	2.20572	2.20572	0.261783	1.56141	1.56141	0.174113	0.576636	-1.7342	0.0906089	0.491674	-2.03387	3.54551	8.1418	2.04122	1
cg10727259	0.0365286	0.219364	-4.55862	0.00448759	0.0939345	-10.6457	0.740563	1.23051	1.23051	0.064853	0.274071	-3.64869	4.3171	26.6454	5.48629	1
cg13789015	0.18932	1.37586	1.37586	0.00205705	0.369232	-2.70832	0.00224094	2.66982	2.66982	0.0692814	0.627277	-1.59419	10.4368	8.70444	0.741347	1
cg16688046	0.0197638	0.621592	-1.60877	0.086962	1.37615	1.37615	0.194746	1.26073	1.26073	0.220205	1.24326	1.24326	5.04414	2.27937	0.401676	1
cg06407115	0.00435008	0.458544	-2.18082	0.0389081	0.613081	-1.63111	0.960708	0.989969	-1.01013	0.00445038	0.46002	-2.17382	6.22066	4.12574	0.589539	1
cg00026853	0.587908	1.16557	1.16557	0.841118	1.05782	1.05782	0.0625833	1.79831	1.79831	0.744707	1.09582	1.09582	3.65064	4.53413	1.10401	1
cg05768582	0.000808117	0.347891	-2.87446	0.00249108	0.415594	-2.40619	3.43E-05	0.187365	-5.33717	0.0833126	1.4926	1.4926	13.6584	9.44164	0.614464	1
cg24817257	0.90034	1.02853	1.02853	0.855776	1.0417	1.0417	0.333176	1.25125	1.25125	0.000615804	0.306064	-3.26729	16.8394	13.4462	0.709775	1
cg22803950	0.41267	0.8814	-1.13456	0.108576	0.76811	-1.3019	0.225556	0.825443	-1.21147	0.024273	0.667132	-1.49895	9.92033	3.56955	0.319841	1
cg02983759	0.00242849	3.02205	3.02205	0.000730641	3.83905	3.83905	0.0243095	2.02046	2.02046	0.38866	1.26045	1.26045	6.01007	6.53387	0.966359	1
cg02569596	0.547911	1.1079	1.1079	0.374104	1.16618	1.16618	0.0060754	0.546791	-1.82885	0.751861	1.05491	1.05491	4.97414	2.23696	0.399748	1
cg07177394	0.0797797	0.517765	-1.93138	0.00297694	0.251635	-3.97402	0.0134924	0.3551	-2.81611	0.0511556	0.471471	-2.12102	4.76449	8.64924	1.61365	1
cg12306444	0.402992	1.42208	1.42208	0.669252	1.1934	1.1934	0.939145	0.969073	-1.03191	0.00536984	0.221275	-4.51927	8.4491	22.6526	2.38317	1
cg11767757	0.165703	0.531607	-1.88109	0.00148169	0.140902	-7.09715	0.786604	0.890494	-1.12297	0.0103062	0.251183	-3.98117	7.36651	21.3123	2.57168	1
cg14685006	0.890004	0.956641	-1.04532	0.00731277	0.330265	-3.02787	0.0105134	2.80478	2.80478	0.682197	0.876443	-1.14098	6.02022	9.784	1.44461	1
cg13049432	0.458011	0.699207	-1.43019	0.0718771	0.386209	-2.58927	0.00306775	6.81767	6.81767	0.487274	1.39677	1.39677	5.37282	19.0758	3.15593	1
cg02532853	0.304298	0.629191	-1.58934	0.0659073	0.407132	-2.45621	0.00405608	5.36773	5.36773	0.563162	1.2899	1.2899	3.84366	11.5458	2.6701	1
cg06804705	0.0409708	0.421071	-2.3749	0.0438003	0.427525	-2.33905	0.0136028	0.326444	-3.06332	0.115741	0.534214	-1.87191	6.01848	12.8175	1.89307	1
cg11781977	0.442273	0.885059	-1.12987	0.000379066	2.4229	2.4229	0.350909	1.1614	1.1614	0.380339	1.15056	1.15056	5.94441	2.28668	0.341935	1
cg01618535	0.0963535	1.21784	1.21784	0.00210656	1.59487	1.59487	0.751804	0.966331	-1.03484	0.457606	0.921593	-1.08508	4.48173	0.827075	0.164039	1
cg17432627	0.343179	1.1675	1.1675	0.0101393	1.67251	1.67251	0.0488188	1.42876	1.42876	0.0503288	0.702008	-1.42449	4.32139	1.72132	0.354068	1
cg03213877	0.342878	0.782368	-1.27817	0.421111	1.22927	1.22927	2.19E-06	18.4245	18.4245	0.0164069	0.478713	-2.08893	23.6592	23.6374	0.888069	1
cg01551879	0.00603551	0.70312	-1.42223	1.76E-05	0.42194	-2.37	0.21624	1.13631	1.13631	0.0665594	1.22387	1.22387	14.1887	2.16685	0.135748	1
cg24699430	0.000482786	0.345381	-2.89536	0.00106748	0.390969	-2.55775	0.152864	0.742793	-1.34627	0.948043	1.01274	1.01274	7.87209	4.70281	0.531024	1
cg23803172	0.270098	0.599758	-1.66734	0.429489	0.698344	-1.43196	0.000513951	11.1749	11.1749	0.80468	0.89556	-1.11662	5.451	17.1101	2.79012	1
cg02169857	0.123167	0.522431	-1.91413	0.00577577	0.245119	-4.07966	0.0107424	0.287604	-3.477	0.0127343	3.33127	3.33127	7.3949	17.7007	2.12768	1
cg19193403	0.458448	0.740907	-1.3497	0.506419	0.765077	-1.30706	0.088184	0.473619	-2.1114	0.0395637	0.388463	-2.57425	5.23483	13.0813	2.22124	1
cg09068086	0.264321	0.284427	-3.51585	0.0332837	0.0679751	-14.7113	0.134373	0.174743	-5.72269	0.260697	3.55259	3.55259	3.52628	65.2175	16.4397	1
cg05844859	0.595404	0.875293	-1.14247	0.571795	1.15258	1.15258	0.117765	1.52527	1.52527	0.00280988	0.359491	-2.78171	8.72902	8.53896	0.869535	1
cg00881086	0.00167571	1.4917	1.4917	0.947619	1.00586	1.00586	0.0122932	1.31987	1.31987	0.0414756	1.23278	1.23278	10.3665	1.30071	0.111532	1
cg01412450	0.573934	1.16173	1.16173	0.0033408	0.348587	-2.86873	0.955379	0.985344	-1.01487	0.328322	0.766266	-1.30503	4.0543	4.47067	0.980175	1
cg00495436	0.00254841	0.57883	-1.72762	0.466578	0.907775	-1.10159	0.654801	0.942921	-1.06053	0.0924826	1.27356	1.27356	3.62029	0.977957	0.240118	1
cg27561949	0.664083	1.06329	1.06329	0.00406623	1.7188	1.7188	0.371024	1.13769	1.13769	0.18214	0.819659	-1.22002	6.29267	1.9655	0.277642	1
cg16649755	0.0129062	0.684943	-1.45998	0.587558	0.935067	-1.06944	0.074972	1.27522	1.27522	0.288385	1.14468	1.14468	5.92829	1.41116	0.21159	1
cg22469435	0.00803105	0.657734	-1.52037	0.00105728	0.550236	-1.8174	0.414636	0.902249	-1.10834	0.64978	1.05801	1.05801	5.67255	1.3671	0.214225	1
cg02486845	0.630906	1.03876	1.03876	0.962388	0.996302	-1.00371	0.228791	0.905538	-1.10432	0.00216785	1.40227	1.40227	10.5143	1.02779	0.0868909	1
cg16426221	0.266048	0.797866	-1.25334	0.000781104	0.371564	-2.69133	0.184701	0.76024	-1.31537	0.223562	0.779452	-1.28295	3.79498	2.28192	0.534488	1
cg00863099	0.655044	0.663328	-1.50755	0.00455602	0.0317783	-31.4681	0.145101	0.239702	-4.17185	0.129201	0.223896	-4.46636	5.09514	67.2411	11.7308	1
cg20316715	0.306228	1.3498	1.3498	0.0307797	2.05096	2.05096	0.153139	1.54214	1.54214	0.688584	1.12084	1.12084	5.73723	7.28541	1.12876	1
cg25864727	0.0345901	0.25314	-3.95038	0.0218697	0.215716	-4.63573	0.646782	1.29336	1.29336	0.00746499	0.146519	-6.82506	4.40549	21.6895	4.37627	1
cg22920954	0.120087	0.801243	-1.24806	0.00384668	1.66844	1.66844	0.290876	0.865858	-1.15492	0.55921	0.925326	-1.0807	11.2813	3.08542	0.24311	1
cg08989212	0.000927038	0.290438	-3.44308	0.00057341	0.263734	-3.7917	0.00248656	0.349579	-2.86058	0.084397	0.620489	-1.61163	10.7275	10.6186	0.879868	1
cg17595945	0.0417314	1.42968	1.42968	0.00399585	1.80247	1.80247	0.0560653	0.719262	-1.39031	0.855792	0.972678	-1.02809	7.2754	2.67204	0.326462	1
cg26405835	0.0752459	0.781551	-1.27951	0.000441959	1.99442	1.99442	0.580149	1.072	1.072	0.0946706	0.795674	-1.2568	6.54404	1.60476	0.217977	1
cg06626786	0.0205477	0.57913	-1.72673	0.00230186	2.30231	2.30231	0.223328	0.778435	-1.28463	0.485298	0.870394	-1.14891	4.44041	2.69505	0.5395	1
cg24196240	0.494384	0.921454	-1.08524	0.803285	1.02986	1.02986	0.192205	0.849826	-1.17671	0.0585603	0.777318	-1.28647	3.51112	0.77276	0.195635	1
cg25912938	0.00674616	0.410006	-2.43899	0.000479587	0.24884	-4.01865	0.653026	0.891477	-1.12173	0.000789601	0.275923	-3.6242	12.4886	12.7457	0.90719	1
cg06212876	0.124646	0.271801	-3.67916	0.0056799	0.0582595	-17.1646	0.302999	0.433422	-2.30722	0.0223267	0.117018	-8.54572	3.85813	37.5189	8.64412	1
cg24617741	0.0140892	0.127692	-7.83135	0.641789	1.37464	1.37464	0.92257	1.06826	1.06826	0.00707778	0.0940746	-10.6299	3.45892	25.2697	6.49393	1
cg04070987	0.101047	1.26844	1.26844	0.00621862	1.60369	1.60369	2.82E-05	0.335972	-2.97644	8.01E-05	0.389421	-2.56791	37.6524	10.456	0.246842	1
cg13136556	0.0356771	0.397848	-2.51352	0.0440416	0.417978	-2.39247	0.0919202	0.496837	-2.01273	0.0191058	0.343253	-2.9133	6.82739	15.3687	2.00092	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(221T vs. N)	Fold-Change(221T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg17843722	NCRNA00162	0.0374152	0.00603629	0.263181	-1.79966	0.0344944	0.399449	-2.50345	0.746324	1.12829	1.12829	0.0169189	0.338241	-2.95647	0.0223547	0.361073	-2.76952	0.10825	0.320944	-1.91959	0.249807	0.639159	-1.56456	0.188563	0.595433	-1.67945	0.0405018	0.424903	-2.35348	3.77447	8.27983	1.9499	1
cg00603418	NCRNA00164	0.000398509	0.145672	0.742691	-1.36445	0.517172	1.1332	1.1332	0.859212	1.03439	1.03439	0.00832062	1.90077	1.90077	0.0990308	1.4111	1.4111	0.0142154	1.77881	1.77881	1.05E-05	6.01645	6.01645	0.000513476	2.80821	2.80821	0.396129	1.17995	15.2159	8.73801	0.510462	1
cg08596326	NCRNA00164	0.000512702	0.0155822	0.802618	-1.24592	0.219747	0.908767	-1.00039	0.9989684	0.874501	-1.14351	0.953358	0.995673	-1.00435	0.525688	1.04883	1.04883	0.0133131	1.25527	1.25527	3.74E-05	1.79907	1.79907	0.0530597	1.17699	1.17699	0.00254471	0.731124	-1.36402	14.1914	1.23528	0.077373	1
cg21150343	NCRNA00164	0.005348	0.187485	0.835935	-1.19626	0.00856572	0.650358	-1.53762	0.000360136	0.479941	-2.08359	0.197674	0.839724	-1.19087	0.0012558	0.546465	-1.82995	0.16351	1.05972	1.05972	0.965717	0.994501	-1.00553	0.270716	0.863196	-1.15848	0.0832896	0.781955	-1.27885	7.1891	1.87979	0.231684	1
cg26171505	NCRNA00164	0.0142479	0.0242306	0.570134	-1.75397	0.00839003	0.0944528	-2.02242	0.0110463	0.513431	-1.94768	0.177095	0.740776	-1.34994	0.0011692	0.369113	-2.7092	0.117128	0.700469	-1.42762	0.0981211	0.684227	-1.4615	0.152094	0.725504	-1.37835	0.0167752	0.543089	-1.84132	3.62368	3.65069	0.615833	1
cg23176577	NCRNA00164	0.734047	0.867997	-1.15028	0.316227	1.5375	1.5375	-1.33755	0.976059	0.987619	-1.01254	0.514656	0.31561	1.0081	0.00038795	0.0950947	-10.5158	0.303679	1.55621	1.55621	0.265033	1.61966	1.61966	0.859028	1.07019	1.07019	0.181064	1.554609	-1.80307	4.04885	13.5074	2.42614	1
cg01099299	NCRNA00164	0.0344235	0.0271361	0.530249	-1.8859	0.0119742	0.467463	-2.13921	0.0125495	0.470911	-2.12354	0.105812	0.65148	-1.53497	0.0107512	0.459607	-2.17577	0.104112	0.649852	-1.53879	0.100286	0.646144	-1.54764	0.0625767	0.601507	-1.66249	0.0384606	0.55897	-1.78901	3.89042	3.62507	0.828261	1
cg02366093	NCRNA00164	0.0188762	0.221483	1.55403	1.55403	0.0156966	0.362095	-2.76171	0.1312769	0.68894	-1.43074	0.652621	0.85604	-1.16817	0.66903	0.5628315	-1.15897	0.273614	1.95976	1.95976	0.0095521	3.09758	3.09758	0.193441	1.6202	1.6202	0.436415	1.31307	1.31307	3.72192	6.93716	1.65677	1
cg15696271	NCRNA00164	0.0403208	0.0642662	0.584526	-1.7105	0.0963759	0.624164	-1.60214	0.137893	0.625065	-1.51056	0.15919	0.678107	-1.47469	0.0662716	0.572861	-1.74562	0.230014	1.38424	1.38424	0.243168	1.37069	1.37069	0.0512891	0.563847	-1.77353	0.00878272	0.422478	-2.36699	10.2745	3.87691	0.938413	1
cg13379731	NCRNA00164;MIR663B	1.94E-07	0.133397	0.929029	-1.07639	1.77E-06	0.581414	-1.71995	2.45E-06	0.594722	-1.68146	0.0201307	0.880324	-1.13595	4.89E-09	0.31564	-3.16816	6.66E-05	0.718189	-1.39239	0.769906	1.01343	1.01343	0.000209477	0.75428	-1.32577	6.80E-07	0.541053	-1.84825	111.234	3.64245	0.0291075	1
cg16652617	NCRNA00164;MIR663B	0.0401274	1.4888	1.4888	1.4888	0.0178623	0.18579	-2.74357	0.0143551	0.837709	-1.14455	0.238479	0.23021	-1.98753	0.00350375	0.238406	-4.19297	0.000673474	0.417098	2.39407	0.00208516	2.08863	2.08863	0.85598	1.03096	1.03096	0.439048	0.87596	1.1416	11.7512	5.23496	0.396401	1
cg09011231	NCRNA00164;MIR663B	0.00163379	0.0181443	0.593978	-1.68356	0.00142577	0.432677	-2.31119	0.0168655	0.588992	-1.69782	0.716153	0.935849	-1.06855	0.91E-05	0.28251	-3.5397	0.006439	0.625525	1.60042	0.0022706	2.62726	-1.60589	0.0988481	0.719952	-1.38898	0.00217194	0.457899	-2.18389	10.2245	5.33831	0.464096	1
cg13958514	NCRNA00164;MIR663B	0.00600555	0.0138203	0.554532	-1.80303	0.0051607	0.409167	-2.44558	0.0159507	0.637194	-1.48505	0.684148	1.05563	1.0563	0.0041328	0.597522	-1.67358	0.0026911	0.708672	1.41109	0.0665367	0.940534	-1.05984	0.513714	1.09274	1.09274	0.00792234	0.633808	-1.57777	6.93718	1.97022	0.253453	1
cg09761221	NCRNA00164;MIR663B	0.00714008	0.374747	0.844113	-1.18848	0.433129	0.859327	-1.1637	0.628724	0.91179	-1.09674	0.217424	0.27883	1.27883	0.175608	0.7631119	-1.31095	0.003411 66	0.470391	2.12589	0.000816157	2.6023	2.6023	0.107996	1.39429	1.39429	0.626433	1.09743	1.09743	6.57435	3.74036	0.505717	1
cg25486386	NCRNA00164;MIR663B	0.0398655	0.025742	3.43816	3.43816	0.18093	1.93311	1.93311	0.188602	1.91458	1.91458	0.247962	1.75623	1.75623	0.684227	2.58887	2.58887	0.376667	0.654957	-1.52682	0.0484665	4.79373	4.79373	0.0111637	4.40602	4.40602	0.0693673	2.57858	1.68771	12.6977	3.06068	1
cg01125104	NCRNA00164;MIR663B	0.0413419	0.0024911	0.449748	-2.22347	0.162493	0.753137	-1.32778	0.114414	0.727473	-1.38605	0.119331	0.755142	-1.32704	0.100535	0.731324	-1.36742	0.568088	0.896079	-1.11597	0.344248	1.2035	1.2035	0.0235555	0.597947	-1.67239	0.174327	0.759777	-1.31619	3.63855	2.0011	0.508899	1
cg15774040	NCRNA00164;NCRNA00164	0.000557918	0.103482	0.749721	-1.33383	0.00116506	0.462424	-2.16252	0.00435807	0.540029	-1.85175	0.104574	1.3324	1.3324	0.0040956	0.536292	-1.86465	0.0727053	0.723335	-1.38249	0.00149087	2.09792	2.09792	0.0585262	1.41302	1.41302	0.000696415	0.433091	-2.30898	13.8619	5.74473	0.368379	1
cg03475577	NCRNA00164;NCRNA00164	0.00606209	0.0608409	0.58314	-1.71492	0.0163983	0.75857	-1.31827	0.00790948	0.726569	-1.37834	0.816891	1.02095	1.02095	0.00132606	0.685353	-1.45909	0.0520482	0.810283	1.23414	0.3722191	1.09011	1.09011	0.000466871	1.67914	1.67914	0.0165096	0.79896	-1.31759	13.3967	1.88277	0.124925	1
cg29523398	NCRNA00164;NCRNA00164	0.00795282	0.1601583	0.819792	-1.21982	0.0469183	0.753137	-1.32778	0.114414	0.727473	-1.38605	0.119331	0.755142	-1.32704	0.100535	0.731324	-1.36742	0.568088	0.896079	-1.11597	0.344248	1.2035	1.2035	0.0235555	0.597947	-1.67239	0.174327	0.759777	-1.31619	3.63855	2.0011	0.508899	1
cg05605445	NCRNA00164;NCRNA00164	0.040903	0.1595339	1.19498	1.19498	0.0778431	0.792773	-1.2614	0.652045	0.94763	-1.05526	0.647819	0.946957	-1.05601	0.194919	1.17642	1.17642	0.369173	1.11549	1.11549	0.00164746	1.70564	1.70564	0.524145	1.0795	1.0795	0.750502	1.03853	1.03853	3.65293	0.812456	0.1977	1
cg11197563	NCRNA00164;NCRNA00164	0.00470728	0.571287	1.13592	1.13592	0.0328161	0.572288	-1.74737	0.422576	0.834097	-1.1989	0.00130897	0.352666	-2.83502	0.0028334	0.456577	-2.19109	0.015459	0.715895	-1.39783	0.0019773	0.365625	-2.73017	0.578433	1.13159	0.255689	1.30254	1.30254	7.47475	5.87403	0.698533	1
cg15580075	NCRNA00167;PRDM10;PRDM10	0.0142627	0.0972133	0.629114	-1.60794	0.516356	1.18732	-1.18732	0.406804	0.80137	-1.24786	0.920705	1.02632	1.02632	0.0103201	0.432491	-2.31219	0.763864	1.08011	1.08011	0.0022784	3.02783	3.02783	0.329527	1.30028	1.30028	0.00509639	0.380643	-2.62713	2.56758	5.68048	0.958566	1
cg03876030	NCRNA00167;PRDM10;PRDM10;PRDM	0.0497835	0.233534	0.782012	-1.27875	0.0671241	0.667667	-1.49775	0.357984	1.20453	1.20453	0.00837287	0.515209	-1.94096	0.766894	1.06027	1.06027	0.800765	0.951438	-1.05104	0.907767	1.02308	1.02308	0.466313	1.15713	1.15713	0.0233423	1.70488	1.70488	1.39372	2.08307	0.545601	1
	NCRNA00167;PRDM10;PRDM10;PRDM																										
cg02323334	10;PRDM10	0.0118449	0.562337	0.934549	-1.07003	0.0310311	1.33985	-1.33985	0.0247771	1.36182	1.36182	0.170954	1.18381	1.18381	0.116867	1.21757	1.21757	0.613968	1.06054	1.06054	0.0320577	0.748107	-1.13671	0.0708769	0.791991	-1.26264	0.27981	0.878244	-1.13864	4.00833	0.846124	0.187989	1
cg10472962	NCRNA00169;CRYM	0.589946	0.1104729	1.23084	1.23084	0.0424005	0.365938	-1.3727	0.0156055	0.742256	-1.34896	0.132542	0.704333	-1.42006	0.0258794	0.613465	-1.63004	0.104457	0.529758	-1.88962	0.212883	0.423859	-2.36235	0.12885	0.623155	-1.60525	0.0623835	0.33885	1.82344	1.5824	0.0662731	1
cg17198360	NCRNA00171	0.000111096	0.549352	0.958227	-1.04359	0.0498269	0.85421	-1.17067	0.00471564	0.76762	-1.30273	2.73E-05	0.558366	-1.79094	0.000253008	0.653877	-1.52934	7	7	7	0.000135993	0.62806	-1.59221	0.00153326	0.72532	-1.3787	0.0131496	1.24722	1.24722	22.0736	1.54168	0.0698425	1
cg02925872	NCRNA00171	0.000713004	0.0650858	0.745498	-1.34145	0.0202798	0.538938	-1.85571	1.52E-08	0.0108507	0.726468	-1.37652	0.0118199	1.34154	1.34154	0.0001555	0.580201	0.00649313	0.702287	-1.42392	0.161485	0.624926	-1.60055	0.104083	0.752	-1.32979	0.0139412	0.788735	1.26875	3.93573	0.140485	0.0146875	1
cg19039367	NCRNA00171	0.000272281	0.033946	0.574545	-1.73775	0.0153689	0.363516	-2.75091	0.39077	0.82784	-1.21686	0.0310957	0.568476	-1.75909	0.0003216	0.553255	0.364904	0.000275554	0.625213	-1.37955	1.49E-05	0.139423	-7.17456	0.0001	0.592112	-1.68822	0.0001	0.000760	0.320172	12.1233	16.892	13.3284	0.701366	1
cg08140558	NCRNA00171	0.00036641	0.0129255	0.376689	-2.65471	0.000134691	0.123408	-8.10322	0.000788425	0.20082	-4.97959	0.152733	0.61596	-1.62348	0.000137824	0.124265	-8.04733	0.0648495	0.518898	-1.92716	0.04E-05	0.109162	-9.16068	0.0102615	0.359278	-2.78336	0.00437859	0.299958	-3.33379	15.5718	24.6894	1.40935	1
cg02042995	NCRNA00171	0.0122657	0.812657	1.05959	1.05959	0.0300241	0.761965	-1.32387	0.0004205	0.726468	-1.37652	0.0118199	1.34154	1.34154	0.0001555	0.580201	0.364904	0.000275554	0.625213	-1.37955	1.49E-05	0.139423	-7.17456	0.0001	0.592112	-1.68822	0.0001	0.000760	0.320172	12.1233	16.892	13.3284	0.701366	1
cg27406802	NCRNA00171	0.000437858	0.747169	1.06279	1.06279	0.0129607	0.559569	-1.78709	0.0568293	0.666443	-1.5005	0.0003123	0.332858	-3.00428	0.0008639	0.370334	0.65228	0.061759	0.672962	-1.48597	2.35E-05	0.204028	-4.90129	0.485628	1.14269	0.153203	0.663127	-1.51211	14.8254	8.32168	0.498843	1
cg21608387	NCRNA00171	0.000494676	0.517017	0.78974	-1.26623	0.0172296	0.398316	-2.50987	0.0017317	0.856353	1.0648	0.0003049	0.422962	-2.36494	0.0001070	0.681204	0.57125	0.002175848	0.731147	1.63725	0.0001	0.178713	5.59597	0.0001	0.627954	1.59227	0.0001	0.000457	0.279113	13.5353	14.8254	10.4515	0.215271	1
cg20380424	NCRNA00171	0.000502219	0.616782	0.890809	-1.12258	0.1914558	0.728372	-1.37293	0.040856	0.582186	-1.71767	0.624656	0.893145	-1.11964	8.17E-05	0.196422	5.09107	8.76E-05	0.199579	-5.01055	0.000248533	0.250088	-3.99859	0.879095	0.965716	-1.0355	0.0291583	0.554821	-1.80238	14.273	11.8726	0.739396	1
cg21156226	NCRNA00171	0.000554774	0.000349662	0.260112	-3.8445	0.640673	1.100208	-1.19314	0.0176196	0.564278	-1.83867	0.00702817	0.343661	-2.90984	0.000222216	0.280487	-3.56522	0.48194	0.86262	-1.15926	0.0450119	0.457184	-2.1873	0.183108	1.3392	1.3392	0.00495437	0.463311	-2.15838	13.8837	9.40078	0.601875	1
cg05948977	NCRNA00171	0.000775297	0.279113	0.72206	-1.38479	0.0239216	0.598326	-1.67217	0.0536353	0.71448	-1.39946	0.0030949	0.422962	-2.36494	0.0001070	0.681204	0.57125	0.002175848	0.731147	1.63725	0.0001	0.178713	5.59597	0.0001	0.627954	1.59227	0.0001	0.000457	0.279113	13.5353	14.8254	10.4515	0.215271	1
cg02911985	NCRNA00171	0.000655364	0.484453	0.874916	-1.14297	0.0393133	0.481725	-2.07587	5.52E-05	0.243776	-4.10212	0.434288	1.16189	1.16189	0.00100046	0.399193	0.50506	0.258228	1.24842	1.24842	0.00382968	0.480369	-2.08173	0.00732911	0.521956	-1.91587	0.00517162	0.499421	-2.00252	13.2537	7.42508	0.497979	1
cg06196668	NCRNA00171	0.000760204	0.000262018	0.185403	-5.39395	0.0149876	0.222383	-4.49496	1.22E-05	0.188747	-2.51164	0.014356	0.408837	-2.44668	2.72E-06	0.094442	0.709848	-1.72423	0.0199233	2.72423	0.00044	0.370888	-2.69744	0.0024	0.618588	-1.61851	0.0146183	0.442408	-2.43757	42.7674	17.6829	1.2626	1
cg13719476	NCRNA00171	0.000777805	0.966576	1.00598	1.00598	0.476559	1.10815	1.10815	0.0494306	1.68097	1.69807	0.00438892	0.453849	-2.20338	0.0003104	0.450077	1.99692	0.0199233	0.670539	-1.49134	0.593831	1.35355	1.35355	0.699388	0.6693	1.1693	0.00404095	1.73152	1.23157	12.6317	0.7478	0.284843	1
cg20516460	NCRNA00171	0.000798801	0.00069793	0.163143	-6.12961	0.000990493	0.179823	-5.56101	0.0531204	0.4628	-2.16076	0.004088575	0.259008	-3.86088	0.000439058	0.142682	-7.0086	0.0629909	0.480309	-2.08199	0.000261212	0.121872	-8.20536	0.779743	0.906381	-1.10329	0.0017745	0.210052	-4.76072	12.5374	24.4093	1.7306	1
cg01249752	NCRNA00171	0.001217	0.035473	0.603107	-1.65804	0.0172473	0.208717	-2.08677	0.0002885	0.388147	-2.51164	0.014356	0.408837	-2.44668	2.72E-06	0.094442	0.709848	-1.72423	0.0199233	2.72423	0.00044	0.370888	-2.69744	0.0024	0.618588	-1.61851	0.0146183	0.442408	-2.43757	42.7674	17.6829	1.2626	1
cg03407772	NCRNA00171	0.0012495	0.392791	0.870119	-1.14937	0.1013031	1.2657	1.2657	0.062411	0.716551	-1.39557	0.723323	0.51821	1.05812	0.74E-05	0.318828	3.13649	0.416274	0.87631	-1.14115	0.140363	1.2867	1.2867	0.257936	0.828942	-1.20636	0.704626	1.06239	1.06239	0.134035	0.447735	0.35555	1
cg15156610	NCRNA00171	0.0014825	0.000559303	0.110734	-9.03256	0.0023631	0.213634	-4.68113	0.0001766	0.156379	-3.9483	0.000439	0.380192	-2.63107	0.000886	0.122256	-8.18007	0.0004056854	0.155706	-6.42408	0.220624	0.590638	-1.69308	0.56325	1.77456	0.78762	-1.26964	0.623285	1.60577	2.3495	1
cg05136139	NCRNA00171	0.00174545	0.132153	1.27888	1.27888	0.0276408	0.674235	-1.48316	0.298564	1.17716	1.17716	0.5186	1.10413	1.10413	7.63E-05	0.337713	-2.96109	0.029126	1.47583	1.47583	0.910188	0.983064	-1.01723	0.445002	1.12509	1.12509	0.0157595	0.63899	-1.56497	10.0309	3.64032	0.322589	1
cg08931968	NCRNA00171	0.0017524	0.745513	0.963032	-1.03839	0.0002140464	0.4964	-2.0145	0.0001	0.318617	0.00189823	0.805155	1.1242	1.1242	0.00042027	0.539053	1.88445	0.0201653	1.13231	1.13231	0.0018923	2.14008	2.14008	0.0001	0.594373	-1.68207	0.0001	0.000192	0.202949	0.188852	1
cg02960716	NCRNA00171	0.0018585	0.110859	0.73463	-1.36135	0.0653705	0.69292	-1.44317	0.0308729	0.637912	-1.56742	0.0104798	1.32439	1.32439	0.0134	0.525195	1.97939	0.162706	0.767744	-1.30252	0.037227	0.702195	1.42411	0.00522417	0.520234	0.92231	0.0466231	0.667431	-1.49828	9.83566	6.90841	0.442783	1
cg06179586	NCRNA00171	0.0022886	0.0175297	0.544268	-1.83733	0.17123	1.35873	1.35873	0.0109528	0.510757	-1.95788	0.612314	0.898044	-1.11353	8.17E-05	0.22435	-4.45733	0.985543	1.00382	1.00382	0.657268	0.910316	-1.09852	0.00491856	0.456572	-2.19023	0.0814604	0.666065	-1.50136	9.26949	6.50046	0.623356	1
cg00362369	NCRNA00171	0.0023621	0.15679	0.715597	-1.39777	0.0185898	0.300401	-3.32987	0.0001550575	0.154387	-6.47876	0.00122	0.379423	0.18263	1.0035	0.166951	6.00451	0.018816	0.731494	1.36737	0.0025179	0.388837	-2.5719	0.0001	0.594151	-1.68229	0.0001	0.000192	0.202949	0.188852	1.1238	0.0001	0.000454	-1.05915	0.0188515	0.730869	-1.36823	14.7457	1.70184	1
cg04689016	NCRNA00171	0.0027669	0.061896	0.621836	-1.60814	0.0226453	0.391114	-2.5568	0.00738006	0.45836	-2.18169	0.214554	0.744348	-1.34346	0.000249303	0.254028	0.93658	0.002525386	0.387689	-2.57939	0.00739946	0.458532	-2.18087	0.802987	1.05811	0.105811	0.392118	0.820278	-1.2191	8.76569	0.70884	0.718811	1
cg27534665	NCRNA00171	0.0028834	0.000373703	0.0662427	-15.096	0.000555918	0.222277	-4.49889	0.004146222	0.1946	-5.18875	0.144043	0.512517	-1.95116	0.007166129	0.227924	-4.38749	0.0758208	0.647325	2.12	0.0153981	0.2861651	-3.54792	0.00642211	0.21842	-4.19427	0.00975809	0.248611	-4.02236	8.65886	24.8738	2.55346	1
cg13535368	NCRNA00171	0.0031864	0.13325	1.33325	1.33325	0.0237292	0.624599	-1.60521	0.0014697	0.66072	-1.66467	0.829033	0.838994	-1.19203	0.004164935	0.521187	-1.91907	0.0246615	0.62541	1.02541	0.8289453	1.209405	-4.77544	0.965912	1.36733	1.36733	0.0319758	0.480668	-2.08078	8.40605	11.3177	1.19678	1
cg03185453	NCRNA00171	0.00320546	0.000545514	0.0958835	-10.4293	0.0129719	0.204395	-4.89248	0.0104107	0.395514	-2.52836	0.603161	1.31004	1.31004	0.000817538	0.0744525	-13.4314	0.0646616	0.343496	-2.91124	0.0010162	0.0813069	-12.2991	0.146059	0.447753	-2.23338	0.0087719	0.179281	-5.57785	8.39119	35.2356	3.73255	1
cg21893551	NCRNA00171	0.0032839	0.124594	0.806117	-1.24019	0.0778108	0.588688	-1.6988	0.0233531	0.674724	-1.4822	0.160242	0.68247	-1.46537	0.0008	0.312256	-3.20204	0.234552	1.09106	1.09106	0.0994733	1.38852	1.38852	0.0252149	1.22517	1.22517	0.00079993	0.679608	1.47144	3.38152	2.0819598	0.615	1
cg22413090	NCRNA00171	0.00331827	0.56853	0.864923	-1.15617	0.0893034	0.62391	-1.60279	0.121721	0.655462	-1.52564	0.258827	0.743312	-1.34533	4.29E-05	0.145528	-6.87151	0.2611	0.744452	-1.34327	0.0756268	1.64535	1.64535	0.656246	0.89333	-1.11941	0.9377343	0.980523	-1.01986	8.3051	8.33927	0.892546	1
cg11587748	NCRNA00171	0.00428861	0.189903	0.879711	-1.13197	0.1872722	0.829198	-1.20585	0.0326107	0.693118	-1.44212	0.0011434	0.734677	-1.36114	0.0014776	0.426215	-2.34581	0.1014475	0.870158	-1.14932	0.0011419	1.43237	1.43237	0.0129379	0.919036	-1.08811	0.102992	1.14838	1.14838	5.6268	0.729233	0.0846962	1
cg04208189	NCRNA00171	0.00469417	0.38921	0.86473	-1.15643	0.0122783	1.67146	1.67146	0.605536	1.0896	1.0896	0.332866	1.17884	1.17884	0.98752	1.0637	1.0637	0.0107275	1.14817	1.14817	0.0004371	2.49752	2.49752	0.954634	0.9906574	-1.00941	0.560675	1.907645	1.11075	7.4811	1.21423	0.381908	1
cg04080091	NCRNA00171	0.00477123	0.726132	1.05339	1.05339	0.0103388	0.620152	-1.61251	0.066631	0.73773	-1.35551	0.0999091	0.765915	-1.30559	0.352906	1.15186	1.15186	0.633262	1.07369	1.07369	0.0509049	0.719696	-1.38948	0.000328818	0.424017	-2.3584	0.00369351	0.559719	-1.78661	7.44412	2.57907	0.307962	1
cg02301551	NCRNA00171	0.00529369	0.00888437	0.150514	-1.1505	0.0009054	0.0985605	-3.5129	0.0002622	0.440041	-2.27412	0.454158	0.747996	-1.33691	0.0002	0.360416	0.49145	0.175571	0.729307	-1.37067	0.0034163	0.778608	-1.28452	0.0001	0.594151	-1.68229	0.0001	0.000192	0.202949	0.188852	1.1238	0.0001	0.000454	-1.05915	0.0188515	0.730869	-1.36823	14.7457	1.70184	1
cg26822366	NCRNA00171	0.00550917	0.051006	0.636689	-1.57063	0.268701	0.791369	-1.26363	0.773675	0.943116	-1.06032	0.00183191	0.406894	-2.45764	0.000154596	0.336711	-2.9699	0.002036169	0.414136	-2.41466	0.0131631	0.600808	-1.65835	0.370194	0.829512	-1.20553	0.363259	0.827131	1.209	7.12391	6.42491	0.580829	1
cg25584466	NCRNA00171	0.00795253	0.0394451	0.523121	-1.91123	0.0134472	0.326425	-3.06355	0.00128285	0.350826	-2.85245	0.0156413	0.455242	-2.19648	0.0001	0.185245	5.39423	0.020663381	0.482501	-2.07251	0.0013434	0.517352	-1.93298	0.0001	0.585208	-1.70841	0.0001	0.000192	0.202949	0.188852	1.1238	0.0001	0.000454	-1.05915	0.0188515	0.730869	-1.36823	14.7457	1.70184	1
cg12910752	NCRNA00171	0.00809269	0.242415	0.809447	-1.23541	0.0297084	0.642637	-1.55609	0.00111036	0.435918	-2.29401	0.777174	1.05025	1.05025	0.686767	1.07256	1.07256	0.399093	1.16088	1.16088	0.00592374	1.86266	1.86266	0.130311	1.32625	1.32625	0.399325	0.861485	-1.16079	5.32119	2.98935	0.420365	1
cg14389539	NCRNA00171	0.00904199	0.00639793	0.434164	-2.30328	0.480195	0.844699	-1.18385	0.554313	1.15104	1.15104	0.512145	1.16923	1.16923	0.00789389	0.303328	2.39676	0.390046	1.23015	1.23015	0.027432	1.84688	1.84688	0.667181	1.10709	1.10709	0.628851	0.891777	-1.12136	6.03035	5.34607	0

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Probeset ID	UCSC_REFGENE_NAME NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;C17orf76;NCRNA0018	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	Ratio(111T vs. N)	Fold-Change(1 11T vs. N)	p-value(112T vs. N)	Fold-Change(1 12T vs. N)	p-value(121T vs. N)	Fold-Change(1 21T vs. N)	p-value(347T vs. N)	p-value(347 vs. N)	Fold-Change(3 47T vs. N)	p-value(353T vs. N)	Fold-Change(5 37 vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 63T vs. N)	Ratio(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
g22912701	8;NCRNA00188;NCRNA00188;C	0.0163143	0.0140088	0.628415	-1.5913	0.202343	0.813751	-1.22888	0.0493975	0.709371	-1.4097	0.74754	1.05069	1.05069	0.0416765	0.698	-1.43267	0.000716545	0.454496	-2.20024	0.654813	1.07133	1.07133	0.203005	0.814024	-1.22847	0.0993868	0.758387	-1.31859	5.03826	1.87074	0.330051	1
g2234479	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;NCRNA00188	0.000113439	0.0113003	0.817782	-1.22282	0.0249649	1.1843	1.1843	0.00119003	1.35159	1.35159	0.162569	1.09914	1.09914	0.271665	1.07525	1.07525	0.729535	1.02225	1.02225	3.85E-06	0.505284	-1.97908	0.0821723	1.12987	1.12987	0.931984	0.994602	-1.00543	21.4055	1.36291	0.0565965	1
cg02222604	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;NCRNA00188	0.00108202	0.0915514	0.7529	-1.3282	0.350985	1.15794	1.15794	0.00101112	2.10668	2.10668	0.741859	0.950759	-1.05179	0.0225001	1.51818	1.51818	0.00011777	0.357061	-2.80064	0.0498736	0.71058	-1.4073	0.16735	0.79864	-1.25213	0.515654	0.90421	-1.10594	11.5061	4.25261	0.32853	1
cg01501135	NCRNA00188;NCRNA00188;NCRNA00 188;NCRNA00188;NCRNA00188;NCRNA0	0.00175413	0.0573299	0.828747	-1.20664	0.317458	1.09448	1.09448	0.321105	0.914336	-1.09369	0.0392465	1.23171	1.23171	0.582448	1.04971	1.04971	0.747034	1.02868	1.02868	4.11E-05	0.505059	-1.97997	0.556441	0.949359	-1.05334	0.0891181	1.17797	1.17797	10.0165	1.21079	0.107449	1
cg12778228	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;NCRNA00188	0.00752213	0.0257684	0.500784	-1.95826	0.0156369	0.56072	-1.78342	0.541281	0.850853	-1.17529	0.657082	0.889855	-1.12378	0.0168621	0.466969	-2.14147	0.12525	0.648304	-1.54249	0.0790446	0.600912	-1.66414	0.0109727	3.51616	3.51616	0.0892278	0.612947	-1.63146	6.46804	0.98796	0.960341	1
cg25696459	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;NCRNA00188	0.00898117	0.0283826	0.586733	-1.70435	0.0791871	1.49422	1.49422	0.949538	0.987042	-1.01313	0.00075379	0.348918	-2.866	0.0725799	0.661783	-1.51107	0.294719	0.799362	-1.251	0.524656	1.14208	1.14208	0.386266	0.832747	-1.20084	0.0351143	1.65836	1.65836	6.11644	4.11355	0.597814	1
cg11114344	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;NCRNA00188	0.024624	0.22734	0.655388	-1.52581	0.0350972	0.441106	-2.26703	0.88301	1.05032	1.05032	0.0544614	0.483134	-2.06982	0.912573	0.964046	-1.03729	0.000783184	0.183916	-5.43725	0.95086	1.02076	1.02076	0.801731	1.0875	1.0875	0.483333	1.26808	1.26808	4.38024	7.7109	1.56479	1
cg23629722	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;NCRNA00188	0.0493295	0.0276897	0.165217	-6.05263	0.556344	1.5092	1.5092	0.37858	0.535316	-1.86806	0.203819	0.395449	-2.52877	0.0172841	0.134536	-7.43296	0.741773	0.795544	-1.257	0.00748507	0.0924021	-10.8223	0.03048	0.172217	-5.80661	0.409373	0.55786	-1.79257	3.40555	25.8083	6.73627	1
cg00380437	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;NCRNA00188	0.0498441	0.819969	0.944711	-1.05852	0.307537	1.30154	1.30154	0.0152521	2.10354	2.10354	0.878157	0.962446	-1.03902	0.388135	1.24694	1.24694	0.691575	0.905299	-1.10461	0.00489376	0.394366	-2.53571	0.823864	0.945898	-1.0572	0.353339	1.26905	1.26905	3.39215	3.34447	0.876392	1
cg24166520	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;SNORD49B;N	0.00318152	0.115054	0.836305	-1.19574	0.115221	1.19562	1.19562	0.138309	1.18113	1.18113	0.216177	0.873034	-1.14543	0.00156784	0.509211	-1.96382	0.116004	1.19508	1.19508	0.0183686	1.34783	1.34783	0.74769	1.03425	1.03425	0.304289	0.894947	-1.11738	8.40995	1.44865	0.15322	1
cg18606723	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;SNORD49B;N	0.00445147	0.00785276	0.62533	-1.59916	0.0429051	1.37808	1.37808	0.451824	1.11127	1.11127	0.0537403	0.739747	-1.35181	0.0169698	0.669842	-1.49289	0.116947	0.791043	-1.26415	0.0183026	1.48306	1.48306	0.00338748	0.577903	-1.73039	0.0312036	0.706125	-1.41618	7.60268	2.28082	0.266668	1
cg19331757	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;SNORD49B;N	0.035405	0.0307134	6.61032	6.61032	0.302462	2.17934	2.17934	0.258808	2.36352	2.36352	0.0309271	6.58818	6.58818	0.137694	0.309468	-3.23135	0.0112057	10.9191	10.9191	?	?	?	0.17909	0.35171	-2.84325	0.74444	0.788688	-1.26793	4.28238	31.0512	6.34455	1
cg08094128	NCRNA00189	0.00042792	0.0615504	0.83379	-1.19934	0.10501	1.16521	1.16521	0.0484686	1.21481	1.21481	0.00228376	0.599413	-1.6683	0.00100455	0.551415	-1.81352	0.00377365	0.713641	-1.40127	0.607713	0.956292	-1.04571	0.0132452	1.30341	1.30341	0.0537788	0.827776	-1.20806	14.921	1.7606	0.104884	1
cg00847857	NCRNA00189	0.00854385	0.0166923	0.469892	-2.12815	0.229126	1.38568	1.38568	0.430633	1.23111	1.23111	0.0347857	0.529421	-1.88886	0.00104776	0.285486	-3.5028	0.348447	0.77919	-1.28338	0.161597	0.679533	-1.47151	0.44802	1.12124	1.12124	0.00153704	0.389776	5.26557	6.2139	0.57476	0.940509	1
cg03181704	NCRNA00189	0.023953	0.266756	0.680313	-1.46991	0.0775023	1.92185	1.92185	0.127812	1.72998	1.72998	0.344399	0.723082	-1.38297	0.00658271	0.3089	-3.2373	0.662331	0.863909	-1.15753	0.491297	0.792371	-1.26204	0.154376	1.66121	1.66121	0.00971782	0.33658	-2.97106	4.4224	7.76275	1.56029	1
cg17088185	NCRNA00200	0.000400811	0.1685288	0.743276	-1.34539	0.0191823	1.77358	1.77358	0.0153533	0.536035	-1.85517	0.875945	0.968904	-1.03209	2.61E-05	0.185808	-5.3819	0.000785856	0.358283	-2.79109	0.0363376	1.63564	1.63564	0.656389	1.09477	1.09477	0.217297	1.30013	1.30013	15.1917	9.83747	0.575605	1
cg12601963	NCRNA00200	0.000618084	0.186286	1.10512	1.10512	0.0154339	1.2533	1.2533	0.554739	0.958274	-1.04354	0.00468252	1.48039	1.48039	0.137032	0.892028	-1.12104	0.00573588	1.29477	1.29477	0.174573	1.10851	1.10851	0.00188452	0.730292	-1.36932	0.0010503	0.707625	-1.41318	13.4718	1.08577	0.0716409	1
cg09426810	NCRNA00200	0.00440996	0.050958	0.76985	-1.29895	0.0260178	1.31787	1.31787	0.0998188	0.822519	-1.21578	0.357364	0.902535	-1.10799	0.0109567	0.707415	-1.4136	0.160659	1.17627	1.17627	0.00160561	1.68878	1.68878	0.0371505	0.929611	-1.0997	0.763918	1.03317	1.03317	7.62431	1.42724	0.165231	1
cg00666074	NCRNA00200	0.00780979	0.0033277	0.332804	-3.00477	0.0885015	0.996072	-1.00394	0.302811	1.34155	1.34155	0.807476	0.935003	-1.06952	0.00815208	0.393692	-2.54006	0.0713846	0.574469	-1.74074	0.000768861	0.246067	-4.06394	0.78574	0.927735	-1.07789	0.0695795	0.57195	-1.7484	6.39233	7.67161	1.06578	1
cg26293457	NCRNA00200	0.00855817	0.629803	0.934247	-1.07038	0.098924	1.28835	1.28835	0.000383219	0.452077	-2.21201	0.393784	0.844858	-1.13012	0.0310234	0.701479	-1.42556	0.11323	1.27301	1.27301	0.908124	1.0163	1.0163	0.119636	0.789401	-1.26678	0.0852944	0.766124	-1.30527	6.21061	1.92004	0.276092	1
cg00632125	NCRNA00200	0.00954513	0.0567672	0.471343	-2.1216	0.0179981	0.366924	-2.72536	0.0064531	0.290682	-3.44019	0.0726922	0.497339	-2.0107	0.0368205	0.429139	-2.33025	0.844169	0.933653	-1.07106	0.0374966	1.93586	1.93586	0.44589	0.762575	-1.31135	0.266577	0.607785	-1.64594	5.09913	11.5617	1.71309	1
cg18601422	NCRNA00200	0.0107717	0.0669035	0.485054	-2.06163	0.0435368	0.441523	-2.26489	0.00200443	0.215247	-4.64581	0.225277	0.638532	-1.56609	0.00241048	0.225665	-4.43134	0.0151615	0.349648	-2.86002	0.0132428	0.339124	-2.94878	0.0246021	0.380498	-2.56741	0.0304556	0.40826	-2.44942	5.77136	11.3402	1.74659	1
cg04368027	NCRNA00200	0.0155449	0.6441466	0.936049	-1.06832	0.0380975	0.4934454	-2.02657	0.00562255	0.575146	-1.74964	0.997613	1.006575	-1.00574	0.0215547	0.919363	-1.17172	0.466598	0.900388	1.1111	0.0323425	1.35418	1.35418	0.0751749	1.02248	1.02248	0.576253	0.912172	-1.09493	5.34478	1.72887	0.284202	1
cg06254525	NCRNA00200	0.0146987	0.175964	1.26498	1.26498	0.288959	1.16969	1.16969	0.0603959	0.707541	-1.41335	0.217283	0.808917	-1.23622	0.0113243	0.613884	-1.62908	0.30434	1.08509	-1.01983	0.0115491	1.62376	1.62376	0.0684449	0.716597	-1.39548	0.0041275	0.533462	-1.87455	5.21555	2.00449	0.375712	1
cg19145674	NCRNA00200	0.0152319	0.0347686	0.545031	-1.83476	0.309747	0.771639	-1.29594	0.428579	0.819291	-1.22057	0.00072426	0.281379	-3.55392	0.00517813	0.402424	-2.48494	0.430714	1.2194	1.2194	0.116925	0.657	-1.52207	0.240397	0.738491	-1.35411	0.474104	0.83565	-1.19667	5.15447	4.96556	0.856311	1
cg15057747	NCRNA00200	0.0150478	0.941256	1.01658	1.01658	0.0118437	0.9878	1.0124	0.0868744	0.81581	-1.22561	0.526946	0.864734	-1.15374	0.58871	0.985337	-1.01501	0.0063501	0.452142	-2.2119	0.881309	1.03389	1.03389	0.0924001	1.15148	1.15148	0.0228172	0.944569	-1.83561	4.05591	1.31093	0.700659	1
cg19598575	NCRNA00201	0.00753232	0.0117281	1.79258	1.79258	0.0372657	1.56545	1.56545	0.000401539	2.83918	2.83918	0.260642	0.804536	-1.24295	0.319402	1.20025	1.20025	0.210571	1.27706	1.27706	0.0102573	1.82175	1.82175	0.399703	1.17329	1.17329	0.552691	0.894632	-1.11778	6.46529	3.51871	0.483774	1
cg09084422	NCRNA00202	0.000357871	0.933597	0.980287	-1.02012	0.729211	1.38439	1.38439	0.125428	1.48624	1.48624	0.00851376	2.23055	2.23055	0.000382	0.779099	-1.29249	0.00214675	0.227564	-4.39824	0.000867109	0.179522	-5.57036	0.000511248	0.452886	-2.45286	0.10483	1.83874	1.83874	12.1851	22.7869	1.66227	1
cg14776321	NCRNA00202	0.00088378	0.707602	1.13823	1.13823	0.158943	1.67757	1.67757	0.019827	2.62887	2.62887	0.204171	1.5848	1.5848	0.0157343	0.473928	-2.09499	0.00214675	0.227564	-4.39824	0.000867109	0.179522	-5.57036	0.000511248	0.452886	-2.45286	0.10483	1.83874	1.83874	12.1851	22.7869	1.66227	1
cg10479818	NCRNA00202	0.00100946	0.00298303	0.347304	-2.87932	0.201273	0.70445	-1.41955	0.0230741	0.459933	-2.02457	0.908602	1.03026	1.03026	1.98E-05	0.106064	-9.42827	0.094764	0.620851	-1.61069	0.233891	0.732283	-1.38259	0.0272499	0.507494	-1.97047	0.00367249	0.360753	-2.77198	11.7352	12.5241	0.948651	1
cg02037651	NCRNA00202	0.00282735	0.1388084	0.722391	-1.38487	0.0511799	1.7021	1.7021	0.0961	2.03765	2.03765	0.0139128	1.63545	1.63545	0.0900885	0.667424	-1.49882	0.0776235	0.359307	1.30108	0.0402734	0.363841	-2.74846	0.00247828	0.365122	-2.73881	0.00193994	0.349866	-2.85824	6.76354	1.80911	0.402719	1
cg02915692	NCRNA00202 NCRNA00202;NCRNA00207;NCRNA002	0.0127923	0.0076666	0.194578	-5.13932	0.0436887	0.330353	-3.02707	0.00367034	0.153167	-6.52881	0.0204108	0.263212	-3.79921	0.389355	0.656163	-1.52401	0.0207592	0.264559	-3.77988	0.0039359	0.156768	-6.37884	0.672124	0.816002	-1.22549	0.0254777	0.281349	-3.55431	5.45876	19.7245	3.21187	1
cg10138313	07 NCRNA00207;NCRNA00207;NCRNA002	0.00666941	0.284773	0.839839	-1.1907	0.049494	1.42206	1.42206	0.0517358	0.706253	-1.41592	0.713528	1.05963	1.05963	0.00223019	0.50957	-1.96244	0.00413536	0.5466	-1.82949	0.0190618	1.56172	1.56172	0.381885	0.868591	-1.15129	0.72064	1.05803	1.05803	6.25471	0.347417	1
cg08630959	07 NCRNA00207;NCRNA00207;NCRNA002	0.0118596	0.015062	0.473218	-2.11319	0.973712	0.991782	-1.00829	0.00573645	0.403775	-2.47663	0.104734	1.55901	1.55901	0.0476177	0.567036	-1.76356	0.0076323	0.423585	-2.3608	0.401897	0.806659	-1.23968	0.0117023	0.454361	-2.20089	0.0367834	0.544711	-1.83584	5.5948	5.55742	0.88295	1
cg23237516	07 NCRNA00207;NCRNA00207;NCRNA002	0.0307386	0.771147	1.05155	1.05155	0.269496	1.21917	1.21917	0.902186	0.979034	-1.02141	0.121887	1.33504	1.33504	0.0082922	0.558778	-1.78898	0.341308	0.844524	-1.1841	0.0337553	0.652297	-1.53304	0.00916619	0.565369	-1.76876	0.42113	0.867944	-1.15215	0.405163	1.90573	0.418097	1
cg08459553	07	0.0499559	0.926467	1.01814	1.01814	0.970155	1.00727	1.00727	0.188794	0.762459	-1.31155	0.144338	1.35725	1.35725	0.0347626	0.594134	-1.68312	0.783739	1.05505	1.05505	0.0577095	0.658347	-1.51895	0.00718618	0.508679	-1.96588	0.163227	0.748348	-1.33628	3.38927	2.03675	0.534171	1
cg09812713	NCRNA00219	0.0110955	0.238784	0.757418	-1.32027	0.0449287	2.34671	2.34671	0.931786	1.03948	1.03948	0.587022	0.883819	-1.13145	0.0262309	0.552152	-1.81109	0.229726	0.752918	-1.32817	0.146857	0.704252	-1.41995	0.00183066	0.368972	-2.71023	0.0612582	1.02834	1.02834	1.74558	4.59139	0.71393	1
cg03558807	NCRNA00219;SNORA13	3.80E-05	0.38344	0.861032	-1.1614	0.00176011	2.10872	2.10872	1.65E-05	0.226886	-4.4075	0.218759	1.24178	1.24178	0.19823	0.796406	-1.25564	0.464499	1.13273	1.13273	9.82E-06	0.203662	-4.91009	0.000147454	0.3353317	-2.98225	0.00393017	0.522239	-1.91483	28.6243	12.7059	0.394566	1
cg07368146	NCRNA00219;SNORA13	0.0274375	0.176845	0.750816	-1.33188	0.0380051	1.62453	1.62453	0.0887549	0.64448	-1.46096	0.0432236	0.680803	-1.46915	0.0351154	0.591409	-1.69105	?	?	?	?	0.0845446	0.0010338	0.567745	-1.76135	0.0771836	0.495314	1.49533	0.4468	1.16743	1.16743	4.29005	0.40706	0.56108	1
cg02288001	NCRNA00219;SNORA13	0.0311206	0.398372	1.3311	1.3311	0.775286	1.0993	1.0993	0.318359	1.40654	1.40654	0.696498	1.13844	1.13844	?	?	?	0.000907862	0.19374	-5.16155	0.962684	1.0156	1.0156	0.718972	1.12696	1.12696	0.333314	1.39109	1.39109	0.41013	6.3167	1.54023	1
cg02158199	NCRNA00219;SNORA13	0.014105	0.279948	0.576632	-1.73421	0.17286	2.03611	2.03611	0.0846512	0.392657	-2.54675	0.908181	0.945016	-1.05818	0.0133373	0.222537	-4.49363	0.0553847	0.344922	-2.89921	0.00700609	0.181005	-5.52471	0.0376133	0.306589	-3.2617	0.216381	0.528527	-1.89205	3.9035	14.8542	3.38254	1
cg25232308	NCRNA;PA8	0.049141	0.4483132	1.30993	1.30993	0.0631929	2.54202	2.54202	0.0778311	1.49443	-2.13018	0.659903	1.18282	1.18282	0.0158248	0.631299	-1.58384	0.0107297	1.03618	1.03618	0.0683873	0.278267	-3.59367	0.747531	1.28447	-1.13027	0.874198	0.941694	-1.06192	3.4105	7.79478	2.22679	1
cg27263903	NCSTN;COPA;COPA	6.66E-06	2.56E-05	0.297229	-3.36441	1.53E-06	0.221694	-4.51072	9.92E-06	0.251693	-3.9731	0.000315162	0.428074	-2.33604	9.03E-05	0.361447	-2.76666	2.32E-05	0.292433	-3.41958	2.33E-06	0.187933	-5.32105	0.317634	0.860596	-1.16199	4.96E-05	0.33054	-3.02535	45.1715	15.1116	0.297367	1
cg08051496	NCSTN;COPA;COPA	0.00137822	0.0103454	0.486078	-2.05734	0.0471745	1.1147793	1.114793	0.0115883	0.682289	-1.46532	0.0275126	0.8759194	-1.14178	0.0110603	0.710259	-1.40802	0.0240188	0.204	-4.90196	0.00758054	0.207166	0.344564	-2.89299	1.12E-05	9.31022	9.31022	0.00948449	1.56414	1.56414	15.6731	14.1092	0.92501	1
cg04563953	NCSTN;COPA;COPA	0.0347349	0.937893	1.0246	1.0246	0.500089	1.23793	1.23793	0.541666	1.21245	1.21245	0.885089	1.04612	1.04612	0.716338	0.892449	-1.12051	0.485323	1.801645	-1.24743	0.00123907	0.229465	-4.35796	0.106481	1.7326	1.7326	0.131879	1.66049	1.66049	3.87778	5.97139	1.3688	1
cg16421612	NDC80;METTL4	0.00318296	0.508426	0.893574	-1.1191	0.0989232	0.718262	-1.35453	0.659732	0.928377	-1.07715	0.28305	1.20571	1.20571	0.593866	0.913677	-1.09448	0.434038	1.14327	1.14327	6.75E-05	0.294088	-3.40033	0.0448038	1.47156	1.47156	0.322855	1.18683	1.18683	0.40881	3.74682	0.396073	1
cg26661543	NDC80;METTL4	0.0153703	0.225214	0.746097	-1.34024	0.0481502	1.29541	1.29541	0.0464	0.802916	-1.24553	0.0508933	0.782836	1.3109	0.0127447	1.73249	0.580933	0.764226	1.13407	1.13407	0.0224577	1.73249	-1.07857	0.964723	1.08657	1.08657	0.0484256	0.914076	-1.094	0.680993	0.940095	-1.05364	0.0307167	1.37821	1.37821	4.39025	1.09023	0.224888	1
cg00277996	NDC80;METTL4	0.0402156	0.11437	0.642282	-1.55695	0.516122	2.18499	2.18499	0.367464	1.26956	1.26956	0.00242939	0.336836	-2.96881	0.0265091	0.5076	-1.97005	0.413142	1.24073	1.24073	0.274916	0.746133	-1.34024	0.916026	1.02756	1.02756	0.799971	0.93664	-1.06765	3.67585	3.86929	0.935666	1
cg13425515	NDC80;METTL4;METTL4	0.0338698	0.1279738	0.807363	-1.2386	0.2094649	1.31141	1.31141	0.122752	1.58548	1.28548	0.096134	1.31575	1.31575	0.739324	1.05143	1.05143	0.0067004	1.6957	1.6957	0.00431349	0.569103	-1.75715	0.395671	1.13955	1.13955	0.0628367	1.36935	1.36935	5.16319	1.8989	0.317503	1
cg07333223	NDC80;METTL4;METTL4	0.0234031	?	?	?	0.1760451	1.5815	1.5815	0.0224536	1.53923	1.53923	0.976592	0.995687	-1.00433	0.422941	0.885597	-1.12918	0.00665171	0.563054	-1.76603	0.640999	1.07182	1.07182	0.302018	0.852539	-1.17297	0.209695	1.21958	1.21958	5.75281	1.67458	0.218203	1
cg00662369	NDE1;ARHGAP30;MRI48;KIAA0430	0.0348135	0.938862	1.0138	1.0138	0.0764744	1.67357	1.67357	0.317253	1.19617	1.19617	0.0265451	0.634061	-1.57744	0.0215152	0.619884	-1.6133	0.566325	1.904451	1.90451	0.0178552	1.53309	1.53309	0.964942	0.992434	-1.00765	0.0847236	0.718652	-1.39149	3.87443	1.94061	0.502219	1
cg09730820	NDE1;MRI48;KIAA0430	0.00701928	0.0252905	0.39462	-2.53408	0.0349655	2.36103	2.36103	0.137218	1.75007	1.75007	0.00466122	0.268353	-3.72643	0.854242	0.93773	-1.0664	0.0335791	0.419829	-2.38192	0.0633648	2.07354	2.07354	0.0113309	0.3300934	-3.02999	0.0947479	0.526237	-1.90029	6.60945	12.7946	1.72071	1
cg01109243	NDE1;MRI848;KIAA0430	0.0159725	0.41351	1.19842	1.19842	0.0747582	2.25245	2.25245	0.0561291	0.62601	-1.59742	0.278863	1.57267	1.27607	0.00653734	0.465319	-2.14906	0.629488	1.111	1.111	0.150888	0.716545	-1.39559	0.285699	0.786566	-1.27135	0.154146	0.718702	-1.3914	5.07339	3.76734	0.659995	1
cg22178085	NDE1;MRI848;KIAA0430	0.0174023	0.263619	0.872502	-1.14595	0.0414869	0.919831	1.19716	0.0388613	1.37554	1.37554	0.495778	1.08485	1.08485	0.0455402	0.721442	-1.38604	0.0797558	1.05364	1.05364	0.0129643	1.05028	1.05028	0.275031	0.874823	-1.14309	0.0169163	0.70957	-1.4093	0.0574659	7.76451	2.82083	0.195225	1
cg06361984	NDE1;NDE1	0.00043922	2.30E-05	0.164308	-6.08613	0.000162838	0.253582	-3.94349	0.000878522	0.345173	-2.89709	0.644079	0.905547	-1.10431	0.0324078	0.586171	-1.70599	0.90549	0.974988	-1.02565	0.106818	0.686959	-1.45569	0.869638	1.03565	1.03565	0.0481867	0.617827	-1.61858	14.8127	10.6698	0.640281	1
cg06254123	NDE1;NDE1	0.00209121	0.313255	1.15912	1.15912	0.550839	0.929296	-1.07608	0.344286	1.12565	1.12565	0.674281	1.10527	1.10527	0.565199	1.07321	1.07321	0.597713	0.937346	1.06684	0.0847145	0.867907	0.780011	-1.28203	0.0952104	0.800315	-1.24951	0.539848	2.9425	1.20793	0.207834	1
cg00368168	NDE1;NDE1	0.00430032	0.0169968	0.815679	-1.22597	0.0488695	0.770191	1.29838	0.00363979	0.759292	-1.31702	0.337262	1.07171	1.07171	0.0962729	1.03837	1.03837	0.00970987	1.25734	1.25734	0.134976	0.893331	-1.11941	0.610796	1.03658	1.03658	0.0900719	1.13971	1.13971	7.68266	0.59621	0.0689818	1
cg08730778	NDE1;NDE1	0.0270804	0.379047	0.897476	-1.11424	0.36127	0.893608	-1.11906	0.16431	1.19466	1.19466	0.74449	0.96156	-1.03998	0.956256	1.0066	1.0066	0.852257	0.977901	-1.0226	0.00102348	1.79231	1.79231	0.0802692	1.26185	1.26185	0.193042	0.847098	-1.1805	4.23724	0.964138	0.202257	1
cg06397424	NDE1;NDE1;KIAA0430	0.00701297	0.0868	0.722916	-1.38373	0.0509225	1.8871	1.8871	0.00104404

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. 047)	p-value(105 vs. N)	Fold-Change(1 vs. 057)	p-value(111 vs. N)	Fold-Change(1 vs. 117)	p-value(112 vs. N)	Fold-Change(1 vs. 127)	p-value(121 vs. N)	Fold-Change(1 vs. 217)	p-value(1477 vs. N)	p-value(1477 vs. 477)	Fold-Change(1 vs. 477)	p-value(353 vs. N)	p-value(537 vs. N)	Fold-Change(1 vs. 537)	p-value(5377 vs. N)	Fold-Change(1 vs. 5377)	p-value(5637 vs. N)	Fold-Change(1 vs. 637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15393676	NDRG1;NDRG1	0.0158438	0.61236	1.1368	1.13488	0.00318325	1.34202	0.00746137	0.426313	2.96483	0.708637	1.00741	1.00741	0.260328	1.33767	1.33767	0.180675	0.703296	-1.42188	0.36946	2.35638	1.25638	0.0599992	1.11586	1.11586	0.967428	1.01016	1.03156	0.94084	0.86322	1
cg18745406	NDRG1;NDRG1	0.017052	0.289836	0.8481147	-1.17904	0.5413398	1.09711	1.00770817	0.216736	2.16736	0.2810005	0.677847	-1.47526	0.721933	0.947839	-1.05503	0.164738	0.800753	-1.24882	0.697825	0.943181	-1.06024	0.631995	1.07502	1.07502	0.691834	1.06155	1.46641	1.76712	0.316406	1
cg21773188	NDRG1;NDRG1	0.0275867	0.278363	1.1691	1.1691	0.044569	0.726371	-1.37671	0.0418642	0.722466	-1.38415	0.0805695	1.30817	1.30817	0.328191	0.869454	-1.15015	0.064984	1.33272	1.33272	0.00916561	1.58199	1.58199	0.885214	1.02022	1.02022	0.63079	0.935081	-1.06943	4.20976	1.28095	0.270471	1
cg24227276	NDRG1;NDRG1	0.0377971	0.4889021	2.8680834	-1.15203	0.553229	0.886261	-1.12815	0.729367	0.834795	-1.07242	0.313262	1.2236	1.2236	0.0183398	0.562505	-1.7792	0.158201	0.649835	-1.53885	0.0103138	0.52173	-1.9167	0.4802089	1.15542	1.15542	0.0113916	0.528561	-1.89193	3.76049	2.4134	0.570469	1
cg18942213	NDRG1;NDRG1;NDRG1	0.00270809	0.434503	1.07601	1.07601	0.0597217	1.21557	1.215557	0.0769636	1.19805	1.19805	0.0644977	1.21023	1.21023	0.0221486	0.674386	-1.48283	0.000561463	0.611762	-1.63462	2.86E-05	0.469938	-2.12794	0.00618160	0.720306	-1.3883	0.839613	0.981554	-1.01879	16.917	2.26167	0.118838	1
cg05994672	NDRG1;NDRG1;NDRG1;NDRG2;NDRG2;NDRG2;	0.0361075	0.123405	2.82038	2.82038	0.399464	0.620234	-1.64235	0.552081	0.72212	-1.38481	?	?	?	?	?	0.009109	18.991	18.991	?	?	?	?	?	?	?	11.5867	18.3454	1.18749	1
cg18081258	NDRG1;NDRG1;NDRG2;NDRG2;NDRG2;	0.0515868	0.0962136	1.49764	1.49764	0.0009991852	0.338988	-2.94995	0.00646416	2.18782	2.18782	0.026916	1.78503	1.78503	0.0979742	0.669403	-1.49386	0.219324	0.751553	-1.33058	0.826224	1.04982	1.04982	0.27176	0.776501	-1.28783	0.153925	1.40146	1.40146	7.26887	5.62817	0.688252	1
cg05246507	NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;	0.0153804	0.000659563	0.0358881	-27.8644	?	?	?	0.54106	1.39707	1.39707	0.965082	0.976722	-1.02383	?	?	?	?	0.393736	0.622438	-1.60659	0.621223	0.764335	-1.30833	0.278231	0.540494	-1.85016	0.233351	1.98167	1.98167	6.95873	23.6319	2.91086	1
cg01574694	NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;	0.0229344	0.2692666	0.689144	-1.45108	0.901535	1.04087	1.040887	0.311309	1.4035	1.4035	0.0643316	1.9593	1.9593	0.00147758	0.226634	-4.41241	0.138535	1.67536	1.675536	0.548605	0.82167	-1.21703	0.0950321	1.81055	1.81055	0.771168	0.909943	-1.09897	4.48227	1.47421	1
cg20902783	NDRG2;NDRG2;NDRG2	0.0313754	0.118289	1.63803	1.63803	0.0355979	0.490745	-2.03772	0.0171661	2.32826	2.32826	0.0179622	2.30884	2.30884	0.280668	0.721578	-1.38585	0.538763	0.834348	-1.19854	0.371332	1.30619	1.30619	0.520972	0.82752	-1.20843	0.0785585	1.76575	1.76575	4.02212	5.39428	1.19214	1
ch.20.7394424F	NDRG3;NDRG3	0.000765104	?	0.311429	?	0.8687	?	?	0.2384666	1.42149	1.42149	?	?	?	0.000106666	0.118821	-8.41605	0.00229614	0.279807	-3.57389	0.0029268	0.31261	-3.19974	0.0011048	0.396491	-2.52213	0.0191178	0.437664	-2.28486	16.8923	13.967	0.964634	1
cg24205129	NDRG3;NDRG3	0.00563055	0.311429	0.8687	-1.15115	0.434713	0.89841	-1.11308	0.000540204	0.485188	2.06106	0.380743	0.886171	-1.12845	0.885876	1.01947	1.01947	0.0132517	0.10574	9.457312	1.2567	0.796205	1.25609	1.10394	1.10394	0.00831492	0.635459	-1.57367	0.70636	2.02473	0.254334	1
cg26287101	NDRG3;NDRG3	0.00855822	0.328437	1.26443	1.26443	0.257562	1.31629	1.31629	0.157121	0.703319	-1.42183	0.197007	1.37335	1.37335	0.401877	0.81909	-1.22087	0.0241131	0.534945	1.869355	0.00198308	0.361992	-2.76249	0.88127	1.03538	1.03538	0.00319536	0.359849	-2.77894	2.6106	5.32171	0.761666	1
cg11861654	NDRG3;NDRG3	0.0117574	0.8697353	0.963739	-1.03759	0.0954841	0.66245	-1.50955	0.263171	1.27767	1.27767	0.447275	1.39025	1.39025	0.8081	0.963317	-1.03808	0.190104	0.731563	-1.36679	0.000191299	0.328792	-3.04144	0.0935581	0.411453	-2.40053	0.399704	1.21391	1.21391	5.61051	4.4925	0.711759	1
cg02844985	NDRG3;NDRG3	0.0120955	0.293629	0.910581	-1.09782	0.2567351	1.24216	1.242161	0.0660044	1.20011	1.20011	0.00979965	1.7551592	-1.32417	0.0852806	1.01773	1.17773	0.0078642	0.745852	-1.34075	0.311832	1.09414	1.09414	0.836877	1.01789	1.01789	0.094119	0.8032625	-1.17347	5.55918	0.6505993	0.104091	1
cg15432180	NDRG3;NDRG3	0.0128499	0.954972	0.981135	-1.01923	0.100657	0.545241	-1.83405	0.247304	0.664972	-1.50382	0.628726	0.848455	-1.17861	0.0354636	0.437854	-2.28386	0.367037	0.731576	-1.36691	0.000218025	0.124988	-8.00074	0.524397	1.24308	1.24308	0.198433	0.632282	-1.58157	5.45077	9.82138	1.60163	1
cg09240938	NDRG3;NDRG3	0.0260879	0.839942	1.0917	1.0917	0.443102	0.88782	-1.12635	0.0620278	1.25232	1.25232	0.0555605	1.3944	1.3944	0.0555605	1.3977	1.3977	0.807196	1.03959	1.039593	1.00162687	2.00474	2.00474	0.221363	1.12943	1.12943	0.990905	0.999825	-1.00018	4.2991	1.63939	0.335303	1
cg17675882	NDRG3;NDRG3	0.0342378	0.559409	0.950412	-1.05218	0.0264788	1.25443	1.25443	0.459652	1.06702	1.06702	0.210421	0.892515	-1.12043	0.175088	1.13231	1.13231	0.83393	0.982073	-1.01825	0.00343173	0.70999	-1.40847	0.398826	1.07727	1.07727	0.249766	1.1092	1.1092	1.88003	0.458325	0.104514	1
cg00687986	NDRG3;NDRG3	0.0184324	0.784254	0.98134	-1.01892	0.2207726	1.01581	1.015193	0.0134882	1.08091	1.08091	0.0088116	1.09886	1.09886	0.0013331	1.13554	1.13554	0.137012	1.03313	1.033131	0.33398	1.03283	1.03283	1.12433	1.12433	0.0384773	1.20218	1.20218	0.484404	0.940258	0.0824241	1
cg04190807	NDRG3;NDRG4	0.0329234	0.751994	0.967638	-1.03344	0.09753	0.999679	-1.00032	0.00522849	1.46565	1.46565	0.653731	0.954227	-1.04797	0.00748815	1.42938	1.42938	0.413203	1.09069	1.09069	0.119422	0.839167	-1.19166	0.736912	0.9656618	-1.03561	0.236383	0.879198	-1.1374	3.95335	0.6741912	0.151588	1
cg05222604	NDRG3;NDRG4;NDRG4	0.003077841	0.303232	1.27304	1.27304	0.02236367	2.61174	2.611744	0.00508439	2.31252	2.31252	0.0070338	2.20074	2.20074	0.000838398	2.277822	-3.59943	0.056198	0.612903	-1.63158	0.000401674	0.27963	-3.57616	0.254064	1.30947	1.30947	0.119865	0.682493	-1.46522	15.4408	12.5328	0.721482	1
cg07732275	NDRG3;NDRG4;NDRG4	0.0018449	0.197776	1.6875	1.6875	0.0099134	0.627162	-1.59854	0.0535662	0.844284	1.18434	0.0865946	0.525882	-1.90127	0.0615456	0.655964	2.60042	0.0308297	1.4387	1.438697	0.0003464	0.530188	-1.88612	0.890168	1.02002	1.02002	0.155082	0.804438	2.48649	2.58469	0.2504	0.101433	1
cg05201312	NDRG3;NDRG4;NDRG4	0.00255083	0.15878	0.782606	-1.27778	0.00922536	0.584004	-1.71232	0.000751917	0.435246	-2.29755	0.550697	0.906422	-1.10324	0.114179	0.756049	-1.32266	0.522108	1.11136	1.11136	0.00230213	2.00019	2.00019	0.0188567	1.58872	1.58872	0.8325121	1.03507	0.97867	3.76615	0.372849	1
cg13031432	NDRG3;NDRG4;NDRG4	0.00542833	?	?	?	0.2249	?	0.544482	-1.83661	0.0331748	0.9578	?	?	?	?	?	?	?	?	1.32774	0.0896098	0.753275	1.32774	0.0896098	0.944019	-1.0593	0.00189704	0.994698	-10.3627	2.92594	20.0576	3.03379	1
cg08229468	NDRG3;NDRG4;NDRG4	0.0193108	0.327105	1.55695	1.55695	0.750902	1.14956	1.14956	0.397927	1.4605	1.4605	0.342242	1.534561	1.534561	0.610714	0.798778	-1.25191	0.709005	1.17828	1.17828	0.00367639	0.0822161	-12.1631	0.672903	1.20421	1.20421	0.394768	0.682876	1.46446	4.76086	14.4409	2.69622	1
cg08384171	NDRG3;NDRG4;NDRG4	0.0210413	0.981135	0.996494	-1.00352	0.240196	1.20019	1.20019	0.981932	0.996642	-1.00337	0.873245	1.024	1.024	0.000506867	2.24111	2.24111	0.0858106	1.32576	1.32576	0.326434	1.16239	1.16239	0.0153867	1.55535	1.55535	0.0315274	1.16675	1.16675	4.62392	1.61547	0.310554	1
cg02036364	NDRG4;NDRG4;NDRG4	0.0145156	0.9527315	0.9528	-1.04972	0.5988727	1.07227	1.072271	0.377442	0.714642	-1.3984	0.461753	1.24426	1.24426	0.0015248	1.24111	1.24111	0.289582	0.725687	-1.39	0.429988	0.905383	-1.26489	0.465117	1.24215	1.24215	0.397274	1.28767	1.28767	3.80149	0.53738	0.13781	1
cg09217878	NDRG4;NDRG4;NDRG4	0.0381908	0.387203	1.59285	1.59285	0.0108222	2.10304	10.8304	0.0781542	2.79524	2.79524	0.16882	2.5207	2.5207	0.681356	1.24216	1.24216	0.19874	2.0407	2.0407	0.412419	0.55294	0.0260263	4.00469	4.00469	0.365335	1.62691	1.62691	1.36376	3.38359	1
cg01464880	NDRG4;NDRG4;NDRG4	0.0139183	0.280031	1.83693	1.83693	0.0256302	2.82482	2.824822	0.0308704	0.534078	-1.87239	0.889907	0.946791	-1.08059	0.933473	0.983994	-1.01627	0.0058453	0.479352	2.086363	0.197347	1.30131	1.30131	0.6014002	1.10684	1.10684	0.156359	1.34049	1.34049	3.67167	2.13985	0.582141	1
cg00581595	NDRG4;NDRG4;NDRG4	0.0426471	0.604754	1.53795	1.53795	0.00437134	23.0654	23.0654	0.0296775	8.24904	8.24904	0.0707029	5.28568	5.28568	0.241104	0.3636315	-2.75016	0.130608	3.84152	3.841552	0.369868	2.13654	2.13654	0.0363818	7.42942	7.42942	0.171513	3.32049	3.32049	3.59686	38.7167	9.56804	1
cg09722609	NDST1	0.000240779	0.002249641	0.460185	-2.17304	0.122283	0.779742	-1.35518	0.204361	1.27517	1.27517	0.0072238	1.87586	1.87586	3.10E-06	0.228736	-4.37184	0.501145	1.13192	1.131992	0.200134	0.788218	-1.27842	0.000505164	2.68201	2.68201	0.177238	0.770843	-1.29728	17.4679	9.1121	0.463668	1
cg19836174	NDST1	0.001915731	0.004853213	0.349882	-2.85876	0.0159124	0.709414	-1.409	0.0032682	0.319798	-3.14529	0.0194464	0.552708	0.88082	-1.13507	0.0193722	0.40842	-2.44925	0.0060953	0.193564	0.0015202	0.0604	1.65515	0.0001703	0.0156451	0.0243773	1.20218	1.20218	0.484404	0.940258	0.0824241	1
cg24884265	NDST1	0.00742688	0.301126	0.904355	-1.10576	0.00185109	0.660551	-1.51389	0.0825978	0.834938	-1.19769	0.0101608	1.35553	1.35553	0.02254	0.773868	2.39221	0.765748	0.972352	-1.02843	0.0207228	1.29865	1.29865	0.905829	1.01117	1.01117	0.759699	1.02921	1.02921	0.4939	0.905589	0.123958	1
cg06677890	NDST1	0.0151576	0.363801	1.27305	1.27305	0.0176538	1.47576	1.475761	0.0158	0.885693	-1.12606	0.0810301	1.50801	1.50801	0.0005133	0.310534	-3.22004	0.499784	1.1921	1.1921	0.257284	1.28898	1.28898	0.0078451	1.65656	1.65656	0.0113916	1.52308	1.52308	0.19478	0.654837	1
cg02633363	NDST1	0.0165631	0.0165631	0.0743776	-1.90921	0.00568897	0.355258	-2.81486	0.0114243	0.405293	2.46875	0.0795298	0.734033	-1.36234	0.0077311	0.278863	-3.58599	0.0350231	1.49168	-2.01545	0.0445653	0.552837	-1.80885	0.898222	0.964146	-1.03719	0.0041903	0.651962	1.53383	5.0129	2.46344	1.1461	1
cg12612243	NDST1	0.0217421	0.519952	1.11735	1.11735	0.2336698	1.23664	1.236664	0.00134261	2.20932	2.20932	0.385997	0.859689	-1.16321	0.0245289	0.633995	-1.5773	0.8211196	0.962222	-1.03926	0.9872397	1.00271	1.00271	0.442602	0.875307	-1.14246	0.143119	0.765134	-1.30696	4.57239	2.09574	0.40742	1
cg16574484	NDST1	0.0321358	0.6823854	1.46555	1.46555	0.2249	1.54482	1.544822	0.183661	0.6537248	0.9578	?	?	?	?	?	?	0.805796	1.06074	1.06074	0.957082	1.01297	1.01297	0.15023	1.34055	1.34055	0.0345842	0.5544	1.83075	4.76381	0.4493	0.806718	1
cg12557254	NDST1	0.0144034	0.768665	0.959315	-1.04831	0.0496622	0.141335	0.143115	0.497617	1.15645	1.15645	0.111746	1.31926	1.31926	0.355555	0.885523	1.12928	0.0022373	0.504219	-1.98327	0.169721	1.26362	1.26362	0.67609	1.00468	1.00468	0.841552	1.03262	1.03262	1.89124	1.57708	0.360258	1
cg07672051	NDST1;NDST1	0.0424488	0.489033	1.8199	1.8199	0.0148061	1.24296	1.242956	0.0148851	1.24296	1.24296	0.0148851	1.24296	1.24296	0.0023684	0.432121	-2.31422	0.0131115	1.8814	1.88144	0.0002402	0.260838	-3.83337	0.0472533	1.56057	1.56057	0.0309041	1.82693	1.82693	2.02062	5.55021	2.65184	1
cg02044685	NDST2	7.61E-06	5.79E-06	0.200907	-4.97743	0.481277	0.11923	1.11923	0.149773	1.27506	1.27506	1.22E-05	0.233803	-4.2771	5.14E-07	0.11037	-9.0604	0.044905	0.696144	-1.43648	0.2901431	1.18857	1.18857	0.441064	0.883714	-1.13159	0.269937	0.833261	-1.2001	43.5493	17.0779	0.348579	1
cg00193669	NDST2	0.0019763	0.019763	1.75718	1.75718	0.332201	1.12128	1.12128	0.0161005	1.24011	1.24011	0.0115828	1.87906	1.87906	0.441757	1.16969	-1.16969	0.0405478	1.64221	1.64221	0.0003778	0.284132	-3.78598	0.0441757	1.56747	1.56747	0.261227	1.79293	1.79293	4.26161	1.86341	0.245515	1
cg22033422	NDST2	0.00362252	0.831879	1.03886	1.03886	0.307716	0.894121	1.11842	0.0074632	0.53879	-1.85607	0.675847	1.42523	1.42523	0.95685	0.992574	-1.00748	0.0476796	1.51012	1.51012	0.0077764	1.59436	1.59436	0.276552	0.816293	-1.22505	0.00350352	0.95681	-1.04566	2.13916	0.23876	0.452835	1
cg12766967	NDST2	0.0174156	0.00189089	0.396083	-2.52473	0.158515	0.728321	-1.37302	0.319317	1.24166	1.24166	0.383902	0.828802	-1.20656	0.0232657	1.76894	1.76894	0.0365708	0.599936	-1.66684	0.476397	0.858741	-1.1645	0.299459	1.25378	1.25378	0.287646	0.7928	-1.26135	4.92945	3.45327	0.6227	1
cg20027161	NDST2	0.0145402	0.9599908	0.9599	-1.04172	0.5983727	1.17277	1.172771	0.379462	1.22533	1.22533	0.0958425	0.662154	-1.50912	0.0018482	0.331334	-2.90963	0.4677251	1.18121	1.18121	0.0514796	0.511973	-1.95323	0.774317	0.997273	-1.26971	0.452408	1.626372	0.797034	-1.26151	4.93945	1.19781	1
cg12311175	NDST3	0.0001531	0.000429844	0.107927	-9.26555	0.049005	0.407343	-2.45494	0.0275093	0.352847	-2.83409	0.092517	0.477219	-2.09547	0.000150435	0.0742337	-13.471	0.545505	0.783119	-1.27695	0.0133835	0.3703	-2.70015	0.208846	1.69788	1.69788	0.0034973	0.205335	4.87008	10.418	26.3459	2.24789	1
cg06132904	NDST3	0.00551397	0.003729	0.412768	-2.42267	0.0159668	0.607208	-1.64688	0.00151151	0.492267	-2.03142	0.525753	0.904907	-1.10509	0.884257	1.02289	1.02289	0.644554	1.17487	1.174867	0.0954325	0.754545	-1.3253	0.31776	1.79903	1.79903	0.0423215	0.721741	-1.38554	7.12201	2.74787	0.340037	1
cg07235935	NDST3	0.0144498	0.0614499	0.619336	-1.61447	0.284961	1.59091	1.590911	0.0355	0.555108	1.80107	0.117875	-1.55439	0.588327	0.795771	-1.25664	0.01008889	0.0475141	2.38485	2.384851	0.0001444	0.0449	4.46255	0.0006524	0.108191	-9.24293	0.16907	1.8432	-1.8432	5.06134668	0.414282	2.45187	0.20521	0.044731	1
cg12940781	NDST3	0.00298233	0.0809429	0.743667	-1.34431	0.0015704	0.496053	-2.01591	0.0038475	0.548096	-1.8245	0.00115499	0.478514	-2.0898	0.00063049	0.444005	-2.2502	0.01286	0.62073	-1.61101	0.945777	1.01056	1.01056	0.198855	0.810918	-1.23117	0.215032	0.817525	-1.2232	5.57317	3.23573	0.335489	1
cg00899298	NDST3	0.0168043	0.0168043	0.4477	-2.23393	0.0144942	0.588389	-1.54359	0.0146406	0.602131	-1.66051	0.0148162	0.895795	1.00215	0.0001	0.0001	-10000	0.0019747	0.278457	-3.59122	0.129424	0.620777	-1.61088	0.00347167	3.17223	3.17223	0.00123844	0.253118	-3.95072	11.322	13.4984	1.19223	1
cg12807937	NDUFA10	0.00124208	0.168787	0.652662	-1.53219	0.853215	0.947528	-1.05538	0.0427851	1.97109	1.97109	0.0130445	2.45044	2.45044	?	?	?	0.0019174	0.278457	-3.59122	0.129424	0.620777	-1.61088	0.00347167	3.17223	3.17223	0.00123844	0.253118	-3.95072	11.322	13.4984	1.19223	1
cg12348161	NDUFA10	0.0065718	0.0065718	0.4477	-2.23393	0.0144942	0.588389	-1.54359	0.0146406	0.602131	-1.66051	0.0148162	0.895795	1.00215	0.0001	0.0001	-10000	0.0258151	1.16862	1.16862	0.0006707	0.19808	-5.0503297	0.09385	0.09385	0.761736	0.960637	-1.04088	5.46546	1.86341	0.245515	1
cg19743433	NDUFA10	0.00071501	0.00189668	0.187705	-5.50343	0.00767691	0.692613	1.63923	0.0107273	1.85696	1.85696	0.590599	1.20416	1.20416	0.0142263	1.33351	1.33351	0.792346	1.0942	1.0942	0.79507	0.97227	1.07472	1.07472	0.704721	0.49453	2.02544	8.5798	4.61688	1.16874	1
ch.2.49178378F	NDUFA10	0.011731	0.00255826	0.455777	-2.19406	0.0568518	0.667113	-1.499	0.588089	0.902395	-1.10816	0.0662709	0.679165	-1.4724	0.00740667	0.523118	-1.91161	0.00138167	0.418509	-2.38943	0.0408407	0.641866	-1.55796	0.0968621	0.710149	-1.40816	0.443333	0.863475	-1.15811	5.61461	1.13667	0.496588	1
cg05021152	NDUFA10	0.0130145	0.571655	1.47411	1.47411	0.0660457	0.618355	-1.61719	0.722532	0.910455	-1.09846	0.0600667	0.660216	-1.51422	0.0014425	0.331334	-2.90963	0.4236821	0.734541	1.361284	0.0104296	0.647322	-24.5506	0.441271	1.7042	1.7042	0.0297546	0.176102	5.678914	0.607171	0.264644	0.489562	1
cg19530883	NDUFA11;VMAC;NDUFA11	0.000605404	0.0240516	2.57397	2.57397	0.616557	1.19139	1.19139	0.723891	0.885825	-1.12889	0.0727525	0.498767	-2.00494	2.04E-05	0.03612255	-27.6812	0.945095	1.02381	1.02381	?	?	?	0.840637	1.07121	1.07121	?	?	?	17.5807	24.7382	1.40712	1
cg20096614	NDUFA12	0.000351466	0.0007455	0.71552	-1.39762	0.0201434	0.541318	-1.84734	0.0152797	0.57374	-1.7434	0.0292349	0.25772	-3.8808	0.0024724	0.0292349	0.25772	-3.88018	0.584231	1.71203	?	?	?	0.291113	0.722386	-1.3843	4.80E-05	0.0548043	-18.2467	34.7656	24.4555	0.682698	1
cg01065920	NDUFA12	0.00088036	0.152027	1.27731	1.27731	1.88E-05	4.01093	4.010931	0.00128111	2.11465	2.11465	0.655843	0.930956	-1.07417	0.487676	1.11903	1.11903	0.767947	0.953903	-1.04832	0.737028	1.05522	1.05522	0.36454	0.861902	-1.16022	0.0288012	1.50867	1.50867	12.1985	4.91489	0.358142	1
cg22141781	NDUFA12	0.00115698	0.007255643	2.65224	2.65224	0.2002724	2.19942	2.19942	0.05505	0.544416	-1.83683	0.0516174	0.535869	-1.86613	0.0079859	0.383876	-2.60501	0.503487	0.829607	-1.2107	0.00267878	0.185575	-5.38866	0.0122148	0.415084	-2.40915	0.0095703	0.39696	-2.51915	11.2887	14.1794	1.1165	1
cg04678663	NDUFA12	0.0252807	0.416604	1.22656	1.22656	0.0730733	2.13483	2.134834	0.122887	1.56013	1.56013	0.0433	1.39039	1.39039	0.0413932	0.624368	-1.60205	0.0042579	0.474332	2.108593	0.0001	0.0001	-10000	0.0001	0.0001	-10000	0.0001	0.0001	-10000	1.64648	1.64648	1.41354	0.86498	1.15354	4.34134	4.4122	1.00546	1
cg08815677	NDUFA13	5.53E-05	0.000340049	0.381709	-2.6198	0.0273011	1.54632	1.546322	0.263032	1.215	1.215	0.548085	0.90354	-1.10676	0.123025	0.756653	1.32161	0.915977	0.982541	-1.01777	2.70E-06	0.152127	-6.57344	0.528001	0.898789	-1.11261	5.50E-05	0.285615	-3.50122	25.923	11.4357	0.392124	1
cg08331981	NDUFA13;TSSK6	0.000311775	0.000853	0.4883	-2.04801	0.090627	0.210046	-4.76029	0.0026828	0.467795	-2.13769	0.914545	0.969343	-1.03163	8.27E-05	0.132898	-7.81904	0.0010681	0.240976	-4.06543	8.48E-05	0.0044	-7.76139	0.000804906	0.222115	-4.50217	0.00866882	0.373709	-2.67588	10.2776	21.9204	1.18458	1
cg19454508	NDUFA13;TSSK6	0.000329182	0.025751	0.4	-2.18314	-1.22878	0.00372817	0.35646	1.35646	0.161102	1.12349	1.12349	0.230474	0.90677	-1.10282	0.0458014	0.83648	0.000389	0.644128	-1.55249	0.847157	1.01513	1.01513	0.458694	1.06045	1.06045	4.89E-05	0.81097	1.81097	16.0317	1.53714	0.0851997	1
cg25274157	NDUFA13;TSSK6	0.00105557	0.168891	0.719732	-1.38941	0.279728	1.28675	1.28675	0.0292009	0.561848	-1.77984	0.48

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Probeset ID	UCSC_REFGENE_NAME NDUFAF3;DALRD3;MRPL25;NDUFAF3;N	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg06365567	DALRD3;NDUFAF3 NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF	0.00428877	0.0822971	0.563839	-1.77355	0.779811	1.08701	1.08701	0.167698	1.36064	1.36064	0.0278338	2.16816	0.216816	0.0048404	0.254867	-3.92361	0.889591	0.959495	-1.04222	0.0222265	0.442242	-2.2612	0.0238492	2.23157	2.23157	0.00551664	0.337602	10.7916	1.24757	1
cg21604496	3	0.000139676	0.000139621	0.166489	-6.00642	0.00177127	0.297228	-3.36442	0.194026	0.687646	-1.45424	0.863588	1.04798	1.04798	2.24E-05	0.0985999	-10.142	0.0240957	0.480417	-2.08153	2.89E-05	0.106764	-9.36648	0.307905	0.750339	-1.33326	0.00357421	0.341107	-2.93163	20.242	23.8106	1.0456	1
cg10176510	NDUFAF4	6.76E-05	0.159359	0.817971	-1.22254	0.0229665	1.79408	1.79408	0.0836976	0.774332	-1.29144	0.245718	1.17611	1.17611	3.55E-06	0.192022	-5.20774	0.461663	1.10531	1.10531	0.059403	1.32787	1.32787	0.968408	0.994722	-1.00531	0.0610074	1.32467	1.32467	24.5809	6.9496	0.25131	1
cg00950244	NDUFAF4	0.00164545	0.00164345	0.33163	-3.01555	0.00038382	0.169572	-2.95719	0.0221196	0.423566	-2.36091	0.92722	1.02902	1.02902	0.00656495	0.194921	-5.13028	0.0366645	0.46757	-2.13872	0.000471479	0.175807	-5.58442	0.760551	1.0977	1.0977	0.0382913	0.471588	-2.12049	10.581	16.4265	1.37996	1
cg13771199	NDUFAF4	0.0172282	0.699309	1.03907	1.03907	0.0600166	1.23309	1.23309	0.0223443	1.31041	1.31041	0.528292	1.06513	1.06513	0.889501	1.01382	1.01382	1.01517	0.839586	-1.19106	0.0185541	0.754325	-1.32569	0.00639947	0.704445	-1.41956	0.19359	0.872975	-1.14551	4.94735	0.764171	0.137298	1
cg14161400	NDUFAF4	0.012354	0.13424	-2.9186	0.0197134	0.342049	0.356156	2.813022	0.649314	-1.553	0.188905	0.570796	-1.75194	0.0264639	0.331288	-4.32362	0.034747	0.424477	-2.35925	0.00559417	0.288891	-3.46153	0.0183571	0.427315	-2.39627	0.137656	0.569628	-1.75553	4.94296	9.7003	1.7444	1
cg13778228	NDUFAF4	0.0210745	0.853676	0.971862	1.02895	0.0330448	0.533892	-1.87304	0.0673037	0.728355	-1.37296	0.641127	0.929999	1.075207	0.00785	0.03988	-1.03988	0.677232	0.937338	-1.06685	0.00553701	0.175685	-5.76585	0.186558	0.806346	-1.24167	0.926486	0.985835	-1.01437	6.42143	1.749223	0.336448	1
cg15444076	NDUFAF4	0.0313393	0.00532264	0.231965	-4.311	0.00314935	0.200722	-4.98201	0.0344138	0.374654	-2.66913	0.199136	0.582822	-1.71579	0.100041	0.488173	-2.04845	0.15383	0.544674	-1.83596	0.0985318	0.486314	-2.05628	0.414296	0.717437	-1.39385	0.0493101	0.409504	-2.44198	4.023377	10.0906	2.22911	1
cg23429981	NDUFAF4	0.0317471	0.0407794	0.466098	-2.14529	0.0172605	0.0852	-11.7424	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	0.0732	-13.6603	1
cg14591386	NDUFAF4;NDUFAF4	0.0186562	0.357987	0.878872	-1.13782	0.201737	1.20218	1.20218	0.125794	1.25392	1.25392	0.942723	1.00986	1.00986	0.31699	0.868232	-1.15177	0.868574	0.977633	-1.02288	0.00177865	0.544622	-1.83613	0.851539	0.974733	-1.02592	0.159101	1.22821	1.22821	3.72968	1.10208	0.262657	1
cg04715126	NDUFB1	0.00395087	0.796026	1.05544	1.05544	0.00188137	0.980539	-1.62785	0.0122907	0.53227	-1.91472	0.0028329	0.424722	-2.35448	0.0039752	0.449233	-2.22549	0.0038745	0.498703	1.0056	0.0106592	0.512321	-1.9519	0.621275	1.10931	1.10931	0.0881379	0.541606	0.610912	1
cg05785102	NDUFB10	6.05E-05	0.000418758	0.637188	-1.56939	0.00564368	0.746272	-1.33999	0.000196094	0.702821	-1.42284	0.00127913	0.684952	-1.45996	0.000249971	0.644531	-1.62718	0.119282	1.14592	1.14592	1.66E-05	0.489838	-2.04149	0.117629	1.82109	-1.14665	1.15E-05	0.472447	-2.11664	25.3111	2.60247	0.0913946	1
cg09161519	NDUFB10	0.000455297	0.372092	1.08309	1.10839	0.217348	1.1569	1.1569	0.534082	0.931726	-1.07328	0.873133	0.982215	-1.01811	0.0011002	0.582523	-1.71667	0.783475	1.03142	1.03142	1.39E-05	0.267831	2.76831	0.198542	1.16484	1.16484	0.107956	0.821221	-2.2177	14.6662	2.92922	0.177534	1
cg06141561	NDUFB10	0.0123588	0.00383432	0.327709	-3.05149	0.0034588	0.498831	-2.00469	0.718805	0.901681	-1.10904	0.849223	0.9408	1.06599	0.0152026	0.282672	-3.53775	0.0660591	0.554226	-1.80432	0.00344818	0.381911	-2.61841	0.718971	1.10897	1.10897	0.0386095	0.503727	-1.9852	5.54976	7.20146	1.15344	1
cg12245040	NDUFB10	0.0496344	0.410661	0.929428	-1.07593	0.0611642	0.832324	-1.20146	0.686323	1.03595	1.03595	0.213233	1.12078	1.12078	0.00276013	1.25432	1.25432	0.696044	1.03474	1.03474	0.374112	0.923706	-1.0826	0.380293	0.924699	-1.08143	0.00946448	1.33114	1.33114	3.39759	0.407183	0.106528	1
cg08080008	NDUFB10;NDUFB10	0.0497253	0.068581	1.49576	1.49576	0.3779357	1.19591	1.19591	0.934822	0.615181	-1.62554	0.971312	0.992922	-1.00715	0.103091	0.702224	-1.42405	0.0234157	0.582394	-1.71646	0.131329	1.37952	1.37952	0.318491	0.841576	-1.22585	0.389266	1.19036	1.19036	3.39523	2.0976	0.549163	1
cg24527001	NDUFB1;CPSF2	0.0264609	0.146416	0.827718	-1.20826	0.1619509	1.05824	1.05824	0.4622821	1.088018	1.0883858	0.167267	1.28761	1.28761	0.0155995	0.5550085	-1.80246	0.0337775	0.755542	-1.32355	0.00222978	0.616611	-1.62309	0.471383	1.08638	1.08638	0.2252374	1.44777	1.44777	0.4275	0.865159	0.180027	1
cg25946256	NDUFB1;CPSF2	0.0405463	0.444424	0.877455	-1.13966	0.266206	1.21441	1.21441	0.333026	0.845827	-1.18228	0.0898972	0.730913	-1.36815	0.136353	0.764062	-1.30879	0.295898	0.833813	-1.19931	0.00295114	0.504388	-1.9826	0.130381	0.760385	-1.31512	0.110645	1.13841	1.13841	3.66476	1.63195	0.395829	1
cg13416444	NDUFB2	0.000193942	0.0119425	0.759657	-1.31696	0.0184217	0.127553	-7.8453	0.0207791	0.376988	-2.65362	0.216456	1.12183	1.12183	6.51E-05	0.191389	-5.19189	0.15071	1.13028	1.13028	4.65E-05	0.172244	-5.80654	1.150965	1.16905	1.16905	0.0158254	0.163863	1.05121	1.05121	18.525	6.22959	0.109977	1
cg09090468	NDUFB3;NDUFB3;FAM126B	0.0158434	0.00284452	0.5088	-1.96665	0.0798285	1.37719	1.37719	0.010147	1.70555	1.70555	0.13083	0.841433	-1.18845	0.336909	0.849581	-1.17705	0.299089	0.837615	-1.19387	0.182301	1.26245	0.649731	1.07818	1.07818	0.165195	1.276	1.276	1.5087	2.18427	0.381629	1
cg04865026	NDUFB3;NDUFB3;FAM126B	0.0203044	0.72253	1.15857	1.15857	0.500731	0.754166	1.32557	0.791865	1.15157	1.33537	0.330214	1.51404	1.51404	0.994247	0.997028	-1.00298	0.0013283	0.201845	-4.95429	0.00439055	0.480789	2.08054	0.945464	0.972154	-1.02864	0.572233	1.26566	1.26566	4.12597	1.1362	0.289916	1
cg23737713	NDUFB4;NDUFB4	0.000689958	0.000153019	0.0763224	-13.1023	0.596911	1.23554	1.23554	0.0325748	0.371085	-2.6948	0.0881447	0.261252	-3.82773	0.000168899	0.0793389	-12.6042	0.000988288	0.143694	-6.95922	0.00240001	0.187078	-5.34537	0.129537	0.525231	-1.91376	0.00612219	0.242265	-4.12771	13.0637	32.495	2.21104	1
cg04155830	NDUFB4;NDUFB4	0.00116495	0.000978875	0.290024	-3.44798	0.000476393	0.250188	-3.99381	0.0177187	0.482817	-2.07118	0.00819088	0.425649	-2.34935	0.000405901	0.266346	-3.75452	0.00162185	0.13767	-7.26395	0.000958507	0.288823	-3.46232	0.0164345	0.477019	-2.09635	0.157908	0.683059	-1.464	11.2667	11.3731	0.897289	1
cg02008175	NDUFB4;NDUFB4	0.00174092	0.542149	1.26446	1.26446	0.1896575	1.151	1.151	0.0355	0.0355	1.0355	0.0225186	0.758336	-1.31868	0.0221501	0.755803	-1.32313	0.143715	1.17238	1.17238	0.0044479	0.678856	-1.47307	0.0805747	1.92413	1.92413	0.0740777	0.996716	-1.00329	0.503686	1.62937	0.144277	1
cg16859555	NDUFB4;NDUFB4	0.00500598	0.520599	0.846988	-1.18065	0.000469986	0.249129	-4.01399	0.00766355	0.417261	-2.39658	0.841289	0.950155	-1.05246	0.57976	0.867066	-1.15332	0.0297353	0.520778	-1.92021	0.00499475	0.38771	-2.57925	0.00382296	0.369909	-2.70337	0.0177119	0.479265	-2.08653	7.33547	7.55582	0.91559	1
cg05774231	NDUFB4;NDUFB4	0.00772362	0.0472771	0.53223	-1.87925	0.0098706	0.47486	-2.1033	0.913723	1.02513	1.02513	0.359494	1.29794	1.29794	0.00415578	0.4112453	-2.43133	0.0384868	0.61096	-1.63706	0.00785853	0.622024	-1.60783	0.213368	1.16348	1.16348	0.00703395	1.95278	1.95278	5.4164	3.9244	0.543811	1
cg07187607	NDUFB4;NDUFB4	0.0191643	0.861899	0.946349	-1.05669	0.0133927	0.230652	-4.33553	0.930508	0.972754	-1.02801	0.451434	0.784281	-1.27505	0.0237129	1.37764	1.37764	0.0415607	1.0498	1.0498	0.312811	0.838453	0.75295	-1.32811	0.0283863	2.2692	2.2692	0.655377	1.15289	1.15289	4.77514	1.58254	1.41208	1
cg01283995	NDUFB4;NDUFB4	0.0285415	0.307695	1.11845	1.11845	0.0828195	0.759769	-1.31619	0.302305	0.892897	-1.11995	0.108368	1.20404	1.20404	0.0179281	1.35657	1.35657	0.187834	0.862465	-1.15947	0.422878	1.09066	1.09066	0.144146	0.846761	-1.18097	0.0286713	0.760613	-1.31473	4.15959	0.740401	0.158221	1
cg05965209	NDUFB4;NDUFB4;NDUFB4;NDUFB4	0.0110346	0.679215	1.08403	1.08403	0.0732584	1.16678	-1.28757	0.0227791	0.779982	-1.28257	0.0227791	0.779988	-1.25362	0.216456	1.12183	1.12183	0.158	1.19189	1.19189	0.0691344	0.753523	1.0491	0.694778	0.920756	-1.08606	0.624215	0.763185	-1.31065	5.41955	0.419058	0.1	1
cg09896057	NDUFB4;NDUFB4;NDUFB4;NDUFB4	0.0375265	0.00305223	0.577694	-1.73102	0.160068	1.12504	1.12504	0.632714	0.936965	-1.06728	0.132501	0.802911	-1.24547	0.550734	0.921611	-1.08506	0.206233	0.835026	-1.19757	0.352469	1.13813	1.13813	0.257565	1.17324	1.17324	0.0469653	0.735286	-1.36001	3.70138	1.09194	0.257431	1
cg15559198	NDUFB5;MRPL47;MRPL47	0.0258563	0.018131237	0.7456	-1.34106	0.0139665	0.2161	-4.62705	0.2139	0.712139	-1.40413	0.13623	0.77385	-1.29215	0.14877	0.7934	-1.26055	0.0410964	0.621906	-1.60784	0.0123906	0.564558	-1.77128	0.0455355	0.649199	-1.54036	0.0438338	0.724777	-1.37994	3.10943	0.104025	0.344252	1
cg25478109	NDUFB5;MRPL47;MRPL47 NDUFB5;MRPL47;MRPL47;MRPL47;MR	0.0307942	0.275928	0.931516	-1.07352	0.0403324	0.862211	-1.15981	0.00466595	0.790194	-1.26551	0.227431	1.08254	1.08254	0.0851344	1.12654	1.12654	0.940316	1.0047	1.0047	0.220595	0.922553	-1.08395	0.162164	1.09792	1.09792	0.164261	0.91129	-1.09735	4.04903	0.251256	0.0551586	1
cg16439941	PLA7	5.44E-05	0.122144	1.36022	1.36022	0.586559	1.10609	1.10609	0.047932	1.54172	1.54172	0.222751	1.26525	1.26525	0.121431	1.25922	1.25922	6.75E-07	0.0834823	-11.9786	0.776431	1.05367	1.05367	0.376132	1.4423	1.4423	0.502365	1.13316	1.13316	26.0378	13.9048	0.474689	1
cg14472148	NDUFB6;NDUFB6	1.14E-05	0.5366	1.07298	1.07298	0.547176	0.933725	-1.07098	0.113695	0.82388	-1.21377	4.83E-05	2.36479	2.36479	4.13E-05	0.414987	-2.40971	0.000320013	0.519111	-1.92637	7.99E-06	0.332915	-3.00377	1.10E-05	0.348428	-2.87004	0.0572882	0.784997	-1.27389	39.2048	7.86743	0.178378	1
cg16002165	NDUFB6;NDUFB6	0.0384491	0.756256	1.07157	1.07157	0.0103074	0.40284	-2.48238	0.0033164	0.384966	-2.59837	0.156137	1.15137	1.15137	0.0053154	0.868858	-1.15109	0.384883	1.27963	-1.2854	0.496053	0.823382	-1.2145	0.540805	0.915039	-1.09258	0.0034554	0.708549	-1.41134	4.15436	0.52661	0.111776	1
cg01555907	NDUFB6;NDUFB6;NDUFB6	0.0283655	0.035812	0.804032	-1.54224	0.133771	0.321805	3.10747	0.044842	0.198314	-5.04252	0.194585	0.382114	-2.61702	0.0151854	0.12347	-8.09911	0.0466671	0.202493	-4.93844	0.00242	0.0520991	-19.1942	0.0516572	0.211649	-4.7248	0.0472517	0.203593	-4.91175	4.14451	32.2654	6.92007	1
cg07189755	NDUFB6;NDUFB6	0.042274	0.00206025	0.357091	-2.80041	0.207976	0.729817	-1.37021	0.0417978	0.57313	-1.74481	0.0390981	0.567516	-1.76207	0.176264	0.710994	-1.40648	0.13853	0.685011	-1.45983	0.759792	1.07547	1.07547	0.669944	0.903285	-1.10707	0.0634	0.609421	-1.6409	3.60861	3.2167	0.792351	1
cg19316040	NDUFB6;NDUFB6;NDUFB6	0.0499203	0.00316504	0.5	-1.99997	0.0763174	0.0976	-10.2484	0.0167	-5.98482	-2.21297	0.498241	0.710976	-1.40626	0.0183882	-2.42884	-2.42884	0.0204772	0.392518	-2.54765	0.0614228	0.351528	-2.84472	0.0354884	0.454107	-7.30288	0.329621	0.607705	-1.64751	5.40253	13.28	3.46524	1
cg18178961	NDUFB6;NDUFB6;NDUFB6	0.00643109	0.0108583	0.6384	-1.56642	0.412072	0.08083	1.08083	0.50308	0.938955	-1.06501	0.6604861	1.21676	1.21676	0.0176951	0.789601	-1.26646	0.004572	0.704713	-1.41902	0.556424	0.818602	-1.2216	0.373551	1.11139	1.11139	0.467627	1.0709	1.0709	6.79179	0.924028	0.120934	1
cg00771831	NDUFB7;NDUFB7	0.0053114	0.000467219	0.456116	-2.19256	0.0226321	0.213631	-4.68	0.0213734	0.42026	-2.37961	0.0213734	0.42026	-2.37961	0.0213734	0.42026	-2.37961	0.229563	1.12706	1.12706	0.0796961	0.889178	-1.12477	0.0213734	0.42026	-2.37961	0.0213734	0.42026	-2.37961	0.0213734	0.42026	-2.37961	0.0213734	0.42026	-2.37961	1
cg22005150	NDUFB7	0.00547625	0.83676	0.965957	-1.03524	0.177953	1.27165	1.27165	0.447519	1.13879	1.13879	0.663125	0.92906	-1.07636	0.0302407	1.53376	1.53376	0.295117	1.19995	1.19995	0.000139014	0.331179	-3.01951	0.58764	1.09627	1.09627	0.713417	1.06388	1.06388	7.13703	3.18574	0.396772	1
cg24039110	NDUFB7	0.0131068	0.00222589	0.374931	-2.66279	0.00985706	0.47486	-2.1033	0.913723	1.02513	1.02513	0.359493	1.29794	1.29794	0.00415578	0.4112453	-2.43133	0.0384868	0.61096	-1.63706	0.00785853	0.622024	-1.60783	0.213368	1.16348	1.16348	0.00703395	1.95278	1.95278	5.4164	3.9244	0.543811	1
cg08139475	NDUFB7;NDUFB7	0.0195162	0.994517	1.00152	1.00152	0.318058	1.25593	1.25593	0.00980933	0.622632	-2.6982	0.149178	0.710673	-1.40712	0.0147284	0.788281	-1.26835	0.439775	0.9003	1.11003	0.360929	0.815952	-1.22556	0.340907	1.24197	1.24197	0.58303	0.8848	-1.13022	4.81988	1.37216	0.686371	1
cg25349900	NDUFB8	0.00745328	0.00630408	0.211686	-4.72397	0.0412579	0.357895	-2.79412	0.67333	1.20328	1.20328	0.116918	0.475516	-2.10298	0.0162218	0.277155	-3.60809	0.0272326	0.31966	-3.12832	0.000552017	0.0962936	-10.3849	0.00976697	0.240258	-4.1622	0.166149	0.52497	-1.90487	6.48669	19.5674	2.68137	1
cg25423888	NDUFB8	0.0076149	0.40349	0.894532	-1.11789	0.572056	1.1728	1.1728	0.902703	1.04184	-1.01607	0.031327	1.3999	1.3999	0.0001	1.862594	1.86259	0.0001	0.579641	1.72564	0.0001	1.862594	1.86259	0.0001	0.579641	1.72564	0.0001	1.862594	1.86259	0.0001	0.579641	1.72564	0.0001	1.862594	1.86259	0.0001	1
cg03734035	NDUFB8	0.00974015	0.000199481	0.273173	-13.6393	0.6709954	1.35967	1.35967	0.764324	1.16625	1.16625	0.17125	0.544768	-1.83564	0.151433	0.525714	1.90218	0.275654	0.622253	1.60706	0.272703	0.620288	-1.61215	0.392098	0.69296	-1.44308	0.499634	0.750765	-1.33197	5.96055	16.5201	2.46363	1
cg24646179	NDUFB8	0.0123475	0.0198359	0.728249	-1.37254	0.138315	1.19665	1.19665	0.0699215	0.796519	-1.25609	0.135815	0.834562	-1.19823	0.0429924	0.769434	-1.29962	0.0092546	0.482994	-2.07035	0.00345717	0.757856	-1.31951	0.00388015	0.64695	-1.54616	0.0310022	1.12546	1.12546	5.52205	1.10705	0.179202	1
cg17328514	NDUFB8	0.0121313	0.0859293	0.660943	-1.51324	0.0182066	0.305418	-3.27421	0.0135173	0.41076	-2.43511	0.0135173	0.41076	-2.43511	0.0135173	0.41076	-2.43511	0.0511844	0.399044	-2.50599	0.0044373	0.358588	-2.78956	0.0151939	0.457184	-4.60015	0.226549	0.588023	-1.70108	4.57675	12.4966	2.40969	1
cg04726091	NDUFC1	0.00020179	0.000114937	0.258216	-3.87273	2.53E-05	0.18596	-5.37349	0.0049112	0.515577	-1.93958	0.0364479	0.613043	-1.63121	0.0001240046	0.260118	-3.84441	0.0056048	0.489807	-2.04162	3.91E-05	0.205074	-4.87628	0.00791943	0.503916	-1.98446	0.00231811	0.424752	-2.35432	21.0766	13.519	0.570151	1
cg04006143	NDUFC2	0.00014483	0.005880313	0.428758	-2.33161	0.0038165	0.226364	4.41	0.0163	0.2	5	0.0163	0.2	5	0.0163	0.2	5	0.0163	0.2	5	0.0163	0.2	5	0.0163	0.2	5	0.0163	0.2	5	0.0163	0.2	5	0.0163	0.2	5	1
cg02620784	NDUFC2;NDUFC2	0.000676038	0.000132703	0.0598143	-16.7184	0.000749257	0.113761	-8.79032	0.0426835	0.37095	-2.69578	0.0275664	0.330403	-3.02661	0.000363949	0.0881933	-11.3387	0.175333	0.541969	-1.84512	0.000402026	0.0914412	-10.936	0.00692115	0.226397	-4.41701	0.00505363	0.206869	-4.83399	13.1385	37.5877	2.54301	1
cg07723855	NDUFC2;NDUFC2	0.00639036	0.0266919	0.514831	-1.94239	0.0690532	1.38426	1.38426	0.108866	0.756234	-1.32234	0.0079045	0.580112	-1.72381	0.0238267	0.649707	-1.53894	0.124661	0.766459	1.30436	0.513043	1.1116	1.1116	0.0979428	0.712073	-1.40435	0.027123	1.51909	1.51909	6.80518	2.7536	0.159673	1
cg15392111	NDUFC2;NDUFC2	0.00967965	0.00532249	0.202431	-4.93996	0.0172262	0.282981	-3.53381	0.0463764	0.370618	-2.6982	0.0713417	0.416398	-2.40155	0.0039975	0.188583	-5.38127	0.0326707	0.337114	-2.96636	0.00255385	0.161952	-6.17468	0.0226336	0.30505	-3.27816	0.0143313	0.188688	-5.31902	5.97241	17.8899	2.66397	1
cg07830416	NDUFC2;NDUFC2	0.01575959	0.106926	1.55357	1.55357	0.891603	1.03472	1.03472	0.0480166	1.76078	1.76078	0.560534	0.863016	-1.15873	0.358279	1.26676	1.26676	0.0662739	0.597124	-1.6747	0.0013115	0.3101112	-3.22464	0.190587	1.41473	1.41473	0.282003	1.32294	1.32294	5.09268	5.0597	0.882085	1
cg03344043	NDUFC2;NDUFC2	0.00221737	0.1153429	1.79454	1.79454	0.9729056	1.14725	1.14725	0.0128738	0.722728	-1.38403	0.0128738	0.722728	-1.38403	0.0128738	0.722728	-1.38403	0.117653	1.4576	1.4576	0.0127113	0.782594	-1.27812	0.0128738	0.722728	-1.38403	0.0128738	0.722728	-1.38403	0.0128738	0.722728	-1.38403	0.0128738	0.722728	-1.38403	1
cg12650252	NDUFC2;NDUFC2	0.00026284	0.191209	0.809048	-1.23602	0.0060568	0.445065	-2.24686	3.60E-05	0.295445	-3.38472	0.0127777	0.622736	-1.60582	4.41E-05	0.305802	-3.27009	0.009553	0.609481	-1.65294	0.000953574	0.0974238	-10.2523	0.0190514	0.647539	-1.54431	0.584657	0.918954	-1.08819	17.0554	0.33337	0.330081	1
cg18402101	NDUFC2;NDUFC2	0.00509375	0.123631	0.643043	-1.55473	0.0176181	0.377307	-2.64888	0.0256218	0.427531	-2.33888	0.0256218	0.427531	-2.33888	0.0256218	0.427531	-2.33888	0.0141194	0.2962	-3.37585	0.00358382	0.373848	-2.67509	0.0227383	0.466859	-2.14227	0.0170943	0.537375	-1.86097	4.54337	0.485887	0.107237	1
cg07101980	NDUFC2;NDUFC2	0.0186737	0.00877205	0.166488	-6.00646	0.078908	0.350668	-2.8517	0.0157959	0.204277	-4.89532	0.172028	0.458038	-2.18322	0.0024482	0.103934	9.6215	0.0742765	0.343623	-2.91017	0.0066944	0.151199	-6.61382	0.526978	0.708735	-1.41096	0.241446	0.517595	-1.93201	4.81515	21.9989	4.06104	1
cg26748758	NDUFC2;NDUFC2	0.0241884	0.19547	0.778675	-1.28423	0.0180756	0.591766	-1.68986	0.0119737	0.56393	-1.77327	0.743223	0.941706	-1.0619	0.0226468	0.607369	-1.64645	0.0044583	0.500037	-1.99985	0.334321	1.19953	1.19953	0.6771	0.926138	-1.07952	0.0687924	0.689263	-1.45082	4.40744	2.33033	0.469978	1
cg20207732	NDUFC2;NDUFC2	0.0384997	0.26956	0.661299	-1.51213	0.0483172	0.1833	3.35333	0.776532	1.10924	-1.10924	0.125476	0.501548	-1.99351	0.0015453	0.178178	5.61178	0.0124	0.125275	7.98256	0.00899566	0.0115227	86.7822	0.0297777	0.194843	5.13178	0.0138717	0.180827	5.53013	0.84564	0.0116394	0.144254	1
cg08824692	NDUFC2;NDUFC2	0.0489545	0.287105	0.794708	-1.25832	0.00370691	0.442577	-2.2595	0.0928668	0.680878	-1.46869	0.234219	0.771643	-1.29594	0.999472	1.00014	1.00014	0.00779954	0.491615	2.03411	0.0102348	0.922728	-1.08374

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09062970	NDUFV1;NDUFV1	0.019683	0.0725836	0.436661	-2.29011	0.0138084	3.52107	3.52107	0.27679	1.5966	1.5966	0.536877	0.772095	-1.29518	0.00417563	0.204404	-4.89228	0.328565	1.51756	1.51756	0.383294	1.44743	1.44743	0.0732877	0.43775	-2.28441	0.430114	1.39531	1.39531	4.73015	12.8168	2.40853	1
cg04142692	NDUFV1;NDUFV1	0.0492519	0.0871136	0.583873	-1.7127	0.840855	0.944344	-1.05894	0.0191312	0.445925	-2.24253	0.432971	1.25597	1.25597	0.0842481	0.580396	-1.72296	0.416862	0.789521	-1.26659	0.404173	1.27522	1.27522	0.0956868	0.593767	-1.68416	0.00665731	0.366815	-2.72617	3.40759	4.3782	1.14208	1
cg14213543	NDUFV2	0.00284612	0.181472	0.792219	-1.26228	0.334619	0.84926	-1.1775	0.503638	0.894547	-1.11788	0.285949	1.19957	1.19957	0.00038047	0.393822	-2.53922	0.000232561	0.366863	-2.72581	0.0835234	0.730136	-1.36961	0.922092	1.01619	1.01619	0.473428	1.12719	1.12719	8.69283	3.71184	0.379556	1
cg19328764	NDUFV2	0.00285777	0.88329	1.01669	1.01669	0.00391181	1.549	1.549	0.482166	1.08382	1.08382	0.176465	0.850509	-1.17577	0.0274317	1.34172	1.34172	0.0100804	0.693597	-1.44176	0.00715942	0.676187	-1.47888	?	?	?	0.00537519	1.51136	1.51136	8.87649	1.58663	0.178745	1
cg06853331	NDUFV2	0.0062139	0.0109544	0.576884	-1.73345	0.9955	0.999029	-1.00097	0.0760009	0.711619	-1.40525	0.0190208	0.613132	-1.63097	0.000236103	0.349973	-2.85736	0.118924	0.747062	-1.33858	0.291001	1.2078	1.2078	0.567711	1.10464	1.10464	0.191748	0.788115	-1.26885	6.86445	3.22748	0.417932	1
cg20659463	NDUFV2	0.0100094	0.00503326	0.468747	-2.13335	0.507947	0.871825	-1.14702	0.198842	1.31954	1.31954	0.00621385	2.07206	2.07206	0.431284	1.17826	1.17826	0.0188505	1.78779	1.78779	0.0118301	1.90002	1.90002	0.616367	0.901982	-1.10867	0.86197	1.03618	1.03618	5.90885	3.90313	0.587162	1
cg19302970	NDUFV2	0.0362571	0.934579	0.987402	-1.01276	0.110061	1.3086	1.3086	0.0216926	1.53051	1.53051	0.622672	1.0796	1.0796	0.827499	0.966861	-1.03427	0.219156	1.22086	1.22086	0.00395861	0.549664	-1.81929	0.240807	1.2088	1.2088	0.341242	1.16351	1.16351	3.81795	1.44193	0.335708	1
cg15383847	NDUFV3;NDUFV3	0.000369585	0.00793544	0.644821	-1.55082	0.00240756	0.579907	-1.72442	0.641985	1.06221	1.06221	1.23E-05	0.304552	-3.28351	0.0158715	0.683333	-1.46341	0.00200837	0.570133	-1.75398	0.632686	0.939821	-1.06403	0.0982009	1.26338	1.26338	0.0265242	0.712507	-1.40349	15.5349	4.08763	0.233889	1
cg09883573	NDUFV3;NDUFV3	0.0393663	0.019708	0.265278	-3.76963	0.49783	0.723078	-1.38298	0.571443	0.763813	-1.30922	0.702576	0.834646	-1.19811	0.00117353	0.10607	-9.4277	0.0601472	0.368282	-2.71531	0.334341	0.625574	-1.59853	0.604268	0.78167	-1.27931	0.147651	0.481008	-2.07897	3.70484	13.0234	3.12466	1
cg04403868	NDUFV3;NDUFV3	0.0493626	0.312183	0.767466	-1.30299	0.498294	1.19009	1.19009	0.104644	1.56674	1.56674	0.0536057	1.74169	1.74169	0.0332601	1.87751	1.87751	0.0293029	0.522072	-1.91544	0.435906	0.817731	-1.2229	0.193621	1.41652	1.41652	0.236229	0.730376	-1.36916	3.40468	3.45555	0.90217	1
cg13457403	NDUFV3;NDUFV3;NDUFV3;NDUFV3	8.56E-06	0.211214	0.935925	-1.06846	0.0677723	1.10834	1.10834	0.663917	0.978261	-1.02222	0.20922	0.935625	-1.0688	0.983908	1.00101	1.00101	0.900745	1.00629	1.00629	7.15E-08	0.403698	-2.4771	0.0144421	0.859378	-1.16363	0.16726	1.07682	1.07682	42.239	1.69074	0.0355804	1
cg00678239	NEAT1	2.10E-05	0.138777	0.820791	-1.21834	0.00127602	1.79009	1.79009	0.000117247	2.30715	2.30715	0.0420421	1.33687	1.33687	0.703367	0.953694	-1.04855	0.00303229	1.65442	1.65442	4.12E-07	5.9663	5.9663	0.61375	1.06511	1.06511	0.000797572	1.87317	1.87317	33.4384	8.13384	0.216221	1
cg14148106	NEAT1	3.61E-05	0.000151411	0.584834	-1.70989	0.5441	0.950605	-1.05196	0.362817	0.925738	-1.08022	0.000994593	0.667993	-1.49702	0.0210759	0.795419	-1.2572	1.55E-05	0.478476	-2.08997	2.94E-06	0.398267	-2.51088	0.193703	0.892741	-1.12015	0.0332674	1.22789	1.22789	29.0028	3.12662	0.0958259	1
cg12637942	NEAT1	0.000152187	0.205405	0.766895	-1.30396	0.000184848	3.50703	3.50703	0.595756	1.11223	1.11223	0.0148697	1.8133	1.8133	0.619834	1.10445	1.10445	0.0102439	1.9021	1.9021	4.47E-06	8.14201	8.14201	0.339651	0.822415	-1.21593	0.00734262	1.98679	1.98679	19.7796	12.3635	0.55561	1
cg14872693	NEAT1	0.000212723	0.82222	0.962514	-1.03895	0.924561	1.01621	1.01621	5.76E-06	5.65807	5.65807	0.0964794	1.36319	1.36319	0.365011	1.17119	1.17119	0.000114059	3.15756	3.15756	0.0111636	1.71595	1.71595	0.553911	1.107	1.107	0.00558959	1.8548	1.8548	18.0663	8.24724	0.405776	1
cg09411730	NEAT1	0.0032064	0.145245	2.08142	2.08142	0.000390603	14.1438	14.1438	0.0490816	2.86596	2.86596	0.252803	1.75033	1.75033	0.278903	0.589999	-1.69492	0.0123904	4.30156	4.30156	0.00164886	8.2597	8.2597	0.00264439	7.02608	7.02608	0.871627	1.07874	1.07874	8.39046	29.1887	3.09226	1
cg00499210	NEAT1	0.00489099	0.378161	0.902861	-1.10759	0.316475	1.12416	1.12416	0.417768	1.0981	1.0981	0.194118	1.16795	1.16795	0.36281	1.11149	1.11149	0.00514302	1.51834	1.51834	0.00010016	2.18083	2.18083	0.878204	1.01748	1.01748	0.0814768	1.24387	1.24387	7.38811	1.49441	0.179797	1
cg07985890	NEAT1	0.00489733	0.280602	1.95411	1.95411	0.00129418	16.4457	16.4457	0.128252	2.6702	2.6702	0.165098	2.4218	2.4218	0.0531017	0.269072	-3.71647	0.0185338	5.50544	5.50544	0.00223485	12.9023	12.9023	0.0037795	10.321	10.321	0.462483	1.56327	1.56327	7.38519	41.7352	5.02329	1
cg00391696	NEAT1	0.00817753	0.18438	0.723687	-1.38181	0.00130301	2.93137	2.93137	0.853445	1.04339	1.04339	0.164959	0.711606	-1.40527	0.299825	1.27991	1.27991	0.00757004	2.20136	2.20136	0.0615103	0.616437	-1.62223	0.0687918	1.59649	1.59649	0.213629	0.740239	-1.35091	6.30045	5.26422	0.742694	1
cg04145264	NEAT1	0.0101761	0.527247	0.655862	-1.52471	0.00822185	9.2644	9.2644	0.0554546	4.17627	4.17627	0.0177126	6.681	6.681	0.0241885	0.170377	-5.86933	0.116457	3.07483	3.07483	0.00549279	11.0664	11.0664	0.0324141	5.20274	5.20274	0.528121	1.52332	1.52332	5.87769	40.3641	6.10429	1
cg14758218	NEAT1	0.0129959	0.754372	0.822479	-1.21584	0.00532156	9.84054	9.84054	0.0559907	3.84944	3.84944	0.0200162	5.74144	5.74144	0.952401	1.03787	1.03787	0.0220009	5.53213	5.53213	0.00812103	8.24937	8.24937	0.00306004	12.4967	12.4967	0.282871	2.00329	2.00329	5.43071	33.3467	5.45813	1
cg12177551	NEAT1	0.0206373	0.0357742	1.30675	1.30675	0.0788532	1.23827	1.23827	0.129567	0.835821	-1.19643	0.00607632	1.4804	1.4804	0.912953	0.988097	-1.01205	0.102823	1.21586	1.21586	0.225941	0.870012	-1.14941	0.533748	1.07146	1.07146	0.00842674	1.44549	1.44549	4.65461	0.884071	0.168831	1
cg16884222	NEAT1	0.0303738	0.896822	0.917711	-1.08967	0.0361375	5.01726	5.01726	0.139307	2.86655	2.86655	0.0889667	3.46133	3.46133	0.325872	0.510981	-1.95702	0.0221425	6.14517	6.14517	0.00419933	12.6545	12.6545	0.0240578	5.93659	5.93659	0.529263	1.5248	1.5248	4.06889	28.2318	6.16753	1
cg08325383	NEAT1	0.0351153	0.00656806	15.2156	15.2156	0.229327	0.434596	-2.30099	0.917045	1.06895	1.06895	?	?	?	0.05468	4.5731	4.5731	?	?	?	?	?	?	?	?	?	0.633071	0.733999	-1.3624	6.04738	19.9914	3.30581	1
cg05030574	NEAT1	0.0401788	0.137967	0.776929	-1.28712	0.072678	0.728746	-1.37222	0.0418535	0.690294	-1.44866	0.571984	1.09444	1.09444	0.608108	0.921522	-1.08516	0.148985	1.27706	1.27706	0.00449233	0.549591	-1.81953	0.503546	1.11323	1.11323	0.127095	0.770485	-1.29788	3.67709	1.45421	0.351536	1
cg07616299	NEB;NEB;NEB	0.00597157	0.827746	0.959727	-1.04196	0.0186803	0.584083	-1.71209	0.000184149	0.303585	-3.29397	0.932021	0.984035	-1.01622	0.274279	0.806876	-1.23935	0.714079	0.932941	-1.07188	0.668804	1.08456	1.08456	0.0484733	1.52996	1.52996	0.328977	1.20931	1.20931	6.94934	3.91633	0.500938	1
cg00160301	NEB;NEB;NEB	0.00734429	0.461751	1.16092	1.16092	0.000517085	0.340014	-2.94106	0.00233086	0.42888	-2.33166	0.828124	1.04425	1.04425	0.971472	0.992903	-1.00715	0.246916	1.27268	1.27268	0.206498	1.3039	1.3039	0.230263	0.77828	-1.28488	0.734775	0.934521	-1.07007	6.51667	4.09366	0.558385	1
cg01768820	NEB;NEB;NEB	0.0248202	0.158957	0.661279	-1.51222	0.407483	0.792339	-1.26209	0.24321	0.715006	-1.39859	0.484998	1.21523	1.21523	0.000492429	0.223312	-4.47804	0.289402	0.73927	-1.35269	0.0689299	0.571686	-1.74921	0.618255	0.87109	-1.14799	0.089781	0.598239	-1.67157	4.36818	5.22091	1.06241	1
cg10033502	NEB;NEB;NEB	0.0325847	0.251362	0.60112	-1.66356	0.61799	0.807732	-1.23803	0.0895856	0.451647	-2.21412	0.813525	1.10556	1.10556	0.000831857	0.118051	-8.47094	0.770453	0.883152	-1.13231	0.113273	0.480975	-2.07911	0.920912	1.04308	1.04308	0.0433137	0.372661	-2.6834	3.96805	11.3353	2.53924	1
cg12116749	NEBL	0.00243716	0.00613573	1.71452	1.71452	0.193503	0.812659	-1.23053	0.00313676	0.543966	-1.83835	0.531768	1.1002	1.1002	0.603473	0.924035	-1.08221	0.0251682	1.49399	1.49399	0.272129	1.18809	1.18809	0.000543735	2.2488	2.2488	0.159647	0.797272	-1.25428	9.09993	3.27611	0.320013	1
cg21369919	NEBL	0.00291174	0.397682	0.759235	-1.31711	0.976998	0.990872	-1.00921	0.786861	0.917408	-1.09003	0.351271	1.3568	1.3568	0.000147598	0.125471	-7.97	0.781202	0.915246	-1.0926	0.0400949	2.12657	2.12657	0.670096	0.872577	-1.14603	0.00157442	0.236008	-4.23714	8.63431	13.8344	1.42423	1
cg25200453	NEBL	0.026746	0.0826324	0.637033	-1.56978	0.00853431	0.455067	-2.19748	0.0636565	0.613166	-1.63088	0.264966	0.761445	-1.31329	0.503771	0.85286	-1.17253	0.434222	0.829293	-1.20585	0.0115206	2.0987	2.0987	0.18284	1.3932	1.3932	0.75389	1.07657	1.07657	4.25574	3.7092	0.774734	1
cg12715741	NEBL	0.0443764	0.217859	0.575204	-1.73851	0.16957	0.535663	-1.86685	0.243589	0.59421	-1.68291	0.655471	0.825646	-1.21117	0.0068253	0.224227	-4.45976	0.00368415	0.187365	-5.33718	0.556303	0.775793	-1.289	0.891623	0.9435	-1.05988	0.0361482	0.353622	-2.82787	3.54397	10.2161	2.56237	1
cg12310370	NEBL;C10orf113	0.0013373	0.00852911	0.428531	-2.33356	0.000574316	0.260381	-3.84053	0.818748	0.943699	-1.05966	0.90026	1.03216	1.03216	0.000146365	0.192139	-5.20456	0.0842522	1.61966	1.61966	0.341916	0.780968	-1.28046	0.319022	1.29692	1.29692	0.16713	1.45035	1.45035	10.8309	10.9332	0.897279	1
cg02313589	NEBL;NEBL	0.0102468	0.26991	0.737927	-1.35515	0.00590996	0.385722	-2.59254	0.0294592	0.507472	-1.97055	0.841247	0.94833	-1.05448	0.0546056	0.561702	-1.7803	0.335759	1.30028	1.30028	0.000800411	0.262114	-3.81514	0.667524	0.891976	-1.12111	0.0172445	0.46417	-2.15438	5.86466	6.49997	0.98518	1
cg15765497	NECAB1	0.000234866	0.0249354	0.740553	-1.35034	0.0641333	1.26385	1.26385	0.0433146	1.29901	1.29901	0.70824	0.95857	-1.04322	6.89E-06	0.325728	-3.07005	0.898346	1.01449	1.01449	0.00226642	1.61728	1.61728	0.388253	0.905261	-1.10465	0.755044	0.965386	-1.03586	17.5865	3.52872	0.178355	1
cg00151250	NECAB1	0.000725363	0.0243402	1.65348	1.65348	0.00020367	3.21201	3.21201	0.00609481	1.95603	1.95603	0.140471	1.346	1.346	0.0142248	1.76243	1.76243	0.008124	1.887	1.887	3.53E-05	4.46499	4.46499	0.00689565	1.92591	1.92591	0.0408595	1.5563	1.5563	12.8817	7.16382	0.494331	1
cg10347136	NECAB1	0.00133203	0.187569	0.866894	-1.15354	0.0103836	0.718849	-1.39111	0.510955	0.934081	-1.07057	0.318716	0.899968	-1.11115	4.64E-05	2.19562	2.19562	0.0375078	1.27999	1.27999	0.221033	1.14062	1.14062	0.367344	0.909638	-1.09934	0.225271	0.877872	-1.13912	10.8432	1.79635	0.147258	1
cg23793965	NECAB1	0.00441337	0.169686	0.776378	-1.28803	0.137525	1.31884	1.31884	0.0179012	0.607786	-1.64532	0.0139979	0.591503	-1.69061	0.000382613	0.37486	-2.66766	0.179281	0.781259	-1.27998	0.033469	0.650558	-1.53714	0.0435018	1.49438	1.49438	0.32353	0.83825	-1.19296	7.62252	3.61479	0.421533	1
cg03550384	NECAB1	0.00444347	0.95165	1.0123	1.0123	0.00162586	2.48509	2.48509	0.605684	1.11069	1.11069	0.494819	0.869578	-1.14998	0.258857	1.26805	1.26805	0.0120804	1.87924	1.87924	0.000354281	3.17859	3.17859	0.00857837	1.96579	1.96579	0.226354	1.29187	1.29187	7.60683	4.89617	0.572137	1
cg02481848	NECAB1	0.0101251	0.299296	0.740358	-1.3507	0.0133882	0.424855	-2.35374	0.137507	0.63956	-1.56358	0.791663	1.07679	1.07679	0.000735718	0.238518	-4.19255	0.00516573	0.356343	-2.80628	0.145068	0.645764	-1.54855	0.14206	0.643324	-1.55443	0.0101646	0.404194	-2.47406	5.88715	7.28162	1.09944	1
cg14750836	NECAB1	0.0139324	0.0387627	2.79048	2.79048	0.0303393	2.97918	2.97918	0.210999	1.75966	1.75966	0.0249042	3.14123	3.14123	0.602009	1.25311	1.25311	0.0194559	3.35783	3.35783	0.000960169	8.23888	8.23888	0.0123066	3.80671	3.80671	0.0367585	2.83027	2.83027	5.30832	15.4589	2.58862	1
cg23133255	NECAB1	0.0281885	0.0585816	3.08461	3.08461	0.0120917	5.20409	5.20409	0.529534	1.39903	1.39903	0.868258	1.09146	1.09146	0.0412371	3.46036	3.46036	0.0205813	4.35121	4.35121	0.00950864	5.65117	5.65117	0.00816631	5.95745	5.95745	0.147595	2.26845	2.26845	4.17789	18.3898	3.91262	1
cg26659834	NECAB1	0.0388704	0.767464	1.10118	1.10118	0.254422	0.679228	-1.47226	0.0591725	0.500339	-1.99864	0.369628	1.34916	1.34916	0.406734	0.758914	-1.31767	0.300186	0.70542	-1.4176	0.00150721	0.226242	-4.42005	0.363847	1.35434	1.35434	0.494683	1.25281	1.25281	3.72213	6.22795	1.48731	1
cg27642027	NECAB2	0.0142727	0.105276	0.4527	-2.20897	0.933747	1.03793	1.03793	0.64845	1.22819	1.22819	0.0845086	0.42551	-2.35012	0.00369226	0.172546	-5.79554	0.965629	1.01948	1.01948	0.0988679	0.444728	-2.24857	0.0035336	5.87578	5.87578	0.487005	0.728885	-1.37196	5.26636	16.7247	2.8229	1
cg22167353	NECAB2	0.0385754	0.205294	0.501171	-1.99533	0.423987	1.52519	1.52519	0.257942	1.84088	1.84088	0.117958	0.415784	-2.40509	0.0273792	0.259451	-3.85429	0.202881	0.499119	-2.00353	0.0198678	0.233771	-4.27769	0.0296327	3.75702	3.75702	0.443756	0.667884	-1.49727	3.73254	15.7974	3.76209	1
cg05253165	NECAB2	0.046341	0.847676	1.03683	1.03683	0.0270606	0.611286	-1.6359	0.0297957	0.618245	-1.61748	0.977632	0.994741	-1.00529	0.542291	0.890477	-1.12299	0.0140088	1.76927	1.76927	0.673602	1.08293	1.08293	0.0655571	0.677966	-1.475	0.908109	1.02195	1.02195	3.4869	1.95303	0.497872	1
cg07673181	NECAB3;NECAB3	5.99E-05	0.0756683	0.920742	-1.08608	5.88E-05	1.36433	1.36433	0.000941762	1.22877	1.22877	0.490347	0.971164	-1.02969	0.0462682	1.10005	1.10005	0.0168779	0.885383	-1.12946	3.99E-05	0.72047	-1.38798	0.00193638	1.20102	1.20102	0.00169109	1.20605	1.20605	25.3806	0.701067	0.0245531	1
cg02899870	NECAB3;NECAB3	0.00143766	0.0396769	0.56513	-1.7695	0.0258959	1.88617	1.88617	0.0597327	0.600655	-1.66485	0.00140872	3.03196	3.03196	0.0848119	0.633007	-1.57976	0.0198339	1.96366	1.96366	0.00134239	0.326942	-3.05865	0.818213	1.05679	1.05679	0.0141829	2.06685	2.06685	10.6083	9.67122	0.810367	1
cg21868801	NECAB3;NECAB3	0.00375816	0.0181546	0.628257	-1.59171	0.107381	1.32941	1.32941	0.0544261	1.4242	1.4242	0.0713692	1.38582	1.38582	0.549694	0.906582	-1.10304	0.0786706	1.37223	1.37223	0.000322152	0.389531	-2.56719	0.903991	1.01974	1.01974	0.128261	1.30526	1.30526	8.00124	3.3269	0.369598	1
cg00478435	NECAB3;NECAB3;C20orf134;C20orf134	0.0185396	0.106505	0.518277	-1.92947	0.144967	0.557817	-1.7927	0.151744	1.77302	1.77302	0.0130094	3.15546	3.15546	0.254307	0.641542	-1.55874	0.890666	0.950005	-1.05263	0.437462	0.744257	-1.34362	0.239242	0.631543	-1.58342	0.00334635	4.43236	4.43236	4.82687	10.6305	1.95765	1
cg23067959	NECAB3;NECAB3;C20orf144	0.0146034	0.0940374	0.723112	-1.38291	0.735	0.941931	-1.06165	0.00409842	0.507545	-1.97027	0.520457	0.891628	-1.12154	0.00135001	0.440536	-2.26996	0.0046389	0.515235	-1.94086	0.499042	0.886178	-1.12844	0.254562	0.811006	-1.23304	0.616204	0.914856	-1.09307	5.22675	2.56674	0.436513	1
cg12612122	NECAP1;NECAP1	0.016956	0.00264209	0.324225	-3.08428	0.0126798	0.432269	-2.31337	0.00551135	0.372444	-2.68497	0.869851	1.04539	1.04539	0.323408	0.758731	-1.31799	0.534566	1.18563	1.18563	0.149552	0.658162	-1.51938	0.868101	1.04602	1.04602	0.0323106	0.507354	-1.97101	4.97379	5.77305	1.03173	1
cg06563686	NECAP1;NECAP1;NECAP1	0.0323974	0.206493	1.36562	1.36562	0.0264245	1.85072	1.85072	0.133693	1.45979	1.45979	0.148509	1.43682	1.43682	0.536903	0.863956	-1.15747	0.543791	0.866142	-1.15455	0.00393733	0.40365	-2.4774	0.557841	1.14868	1.14868	0.308365	1.27964	1.27964	3.97626	3.44439	0.769988	1
cg13977963	NECAP2;NECAP2;NECAP2	6.52E-05	0.208854	0.759352	-1.31691	0.0679743	1.52925	1.52925	0.689966	0.920055	-1.08689	0.000651977	0.337545	-2.96256	0.768921	0.940618	-1.06313	9.03E-07	0.066811	-14.9676	0.407211	1.19265	1.19265	0.613289	0.899515	-1.11171	0.38393	1.20384	1.20384	24.8104	16.9677	0.607905	1
cg26348575	NECAP2;NECAP2;NECAP2	0.00035029	0.51311	0.948807	-1.05396	0.00249379	1.39504	1.39504	0.000441747	1.55208	1.55208	0.000227797	0.61549	-1.62472	0.121761	0.875552	-1.14214	0.0467756	1.19765	1.19765	0.0361673	1.21291	1.21291	0.0627916	1.18042	1.18042	0.000895775	1.48285	1.48285	15.7657	1.5674	0.0883723	1
cg03920729	NECAP2;NECAP2;NECAP2	0.000480551	0.000297407	0.347962	-2.87387	0.00578382	0.522988	-1.91209	0.00328621	0.487684	-2.05051	0.0444663	0.661172	-1.51247	0.000228252	0.333588	-2.99771	0.0568291	0.679478	-1.47172	0.000115474	0.297608	-3.36013	0.00045136	0.371049	-2.69507	0.0245152	0.618597	-1.61656	14.4486	7.35438	0.452448	1
cg07459264	NECAP2;NECAP2;NECAP2	0.00749639	0.185706	0.858703	-1.16455	0.178567	1.16783	1.16783	0.833716	1.02308	1.02308	0.0184878	0.733329	-1.36364	0.0403824	0.773341	-1.29309	0.505366	0.929258	-1.07613	0.0455285	0.779621	-1.28267	0.0516647	1.27179	1.27179	0.00150836	1.64262	1.64262	6.47498	1.20851	0.165905	1
cg20389653	NECAP2;NECAP2;NECAP2	0.0291113	0.223963	1.53315	1.53315	0.608291	1.18876	1.18876	0.0526094	0.478525	-2.08976	0.585337	1.20236	1.20236	0.0997679	0.54697	-1.82825	0.0107661	0.342414	-2.92044	0.00890803	0.328516	-3.04399	0.182693	1.6048	1.6048	0.283803	0.689035	-1.4513	4.13063	7.31955	1.57513	1
cg14282207	NEDD1;NEDD1;NEDD1;NEDD1	2.37E-05	0.00591595	0.733631	-1.36308	4.86E-07	0.297073	-3.36617	0.000256853	0.595864	-1.67824	0.260096	0.903879	-1.10634	0.100538	0.856617	-1.16738	0.00717255	1.34802	1.34802	0.508324	1.05943	1.05943	0.003344	0.709252	-1.40994	0.00232346	0.693575	-1.44181	32.4168	3.79986	0.104195	1
cg16558319	NEDD1;NEDD1;NEDD1;NEDD1	6.64E-05	?	?	?	0.270675	0.682404	-1.46541	0.350637	0.726493	-1.37647	1.28E-05	0.0316988	-31.5469	0.594407	1.19509	1.19509	?	?	?	8.40E-06	0.0252672	-39.577	0.00549706	0.282587	-3.53873	0.7192	0.887247	-1.12708	34.4539	45.5602	1.32235	1
cg15968895	NEDD1;NEDD1;NEDD1;NEDD1	0.00136583	0.154257	0.658067	-1.5196	0.134359	0.642142	-1.55729	0.962972	1.01282	1.01282	0.490851	1.21168	1.21168	0.949819	0.98288	-1.01742	1.59E-05	0.0867944	-11.5215	0.119611	1.58942	1.58942	0.363857	0.774112	-1.2918	0.665834	0.887613	-1.12662	10.7656	12.8363	1.05986	1
cg02705374	NEDD1;NEDD1;NEDD1;NEDD1	0.00511417	0.0101519	0.655992	-1.52441	0.177607	1.20479	1.20479	0.439726	0.902607	-1.1079	0.335521	0.878855	-1.13784	0.100333	1.26376	1.26376	0.0228401	1.42498	1.42498	0.000447067	0.486676	-2.05476	0.172137	0.827802	-1.20802	0.711017	0.952762	-1.04958	7.28816	1.9517	0.238037	1
cg00412294	NEDD1;NEDD1;NEDD1;NEDD1	0.0100203	0.00945778	0.099097	-10.0911	0.00538822	0.0761303	-13.1354	0.0223111	0.145894	-6.8543	0.0449254	0.198337	-5.04193	0.00363489	0.0629205	-15.8931	0.0268218	0.158242	-6.31943	0.00754358	0.0892336	-11.2065	0.00875922	0.095649	-10.4549	0.0654419	0.233748	-4.27811	5.90679	46.2235	6.95598	1
cg14031452	NEDD1;NEDD1;NEDD1;NEDD1	0.0108408	0.0419821	1.43614	1.43614	0.0117619	1.62578	1.62578	0.347635	0.861266	-1.16108	0.037408	1.45213	1.45213	0.327893	1.1688	1.1688	0.911796	1.01726	1.01726	0.144799	0.785154	-1.27364	0.184848	1.24259	1.24259	0.0008105	2.1819	2.1819	5.7595	2.17583	0.335806	1
cg21721825	NEDD1;NEDD1;NEDD1;NEDD1	0.0255769	0.0461664	0.147058	-6.80003	0.03418	0.125717	-7.95435	0.0483843	0.150697	-6.63581	0.155372	0.279236	-3.58119	0.0392592	0.135146	-7.39939	0.0972053	0.217124	-4.60566	0.00221204	0.0273631	-36.5455	0.0103037	0.0663768	-15.0655	0.0867219	0.204439	-4.89143	4.32276	48.2001	9.9114	1
cg11021222	NEDD1;NEDD1;NEDD1;NEDD1	0.0313195	0.0210869	0.0948147	-10.5469	0.0499511	0.149764	-6.67715	0.0579156	0.16192	-6.1759	0.16421	0.283499	-3.52735	0.0221475	0.097338	-10.2735	0.115765	0.234123	-4.27126	0.00589259	0.0468861	-21.3283	0.0103012	0.0642146	-15.5728	0.0759407	0.186869	-5.35135	4.02468	45.9746	10.1539	1
cg15621458	NEDD1;NEDD1;NEDD1;NEDD1	0.0361033	0.0484352	0.117165	-8.53498	0.0390241	0.103128	-9.69666	0.0418254	0.107441	-9.30746	0.196564	0.272959	-3.66356	0.026804	0.0825372	-12.1157	0.0711317	0.147054	-6.80024	0.00923626	0.0431944	-23.1512	0.00876431	0.0418018	-23.9224	0.0777909	0.155076	-6.44843	3.82385	54.7642	12.7304	1
cg11039789	NEDD1;NEDD1;NEDD1;NEDD1;NEDD1	0.000720667	0.0563935	2.50354	2.50354	0.000403473	12.5943	12.5943	0.000339483	13.5467	13.5467	0.177646	1.82655	1.82655	0.348147	1.49809	1.49809	?	?	?	0.0371172	0.356188	-2.80751	0.00188089	0.142981	-6.99392	0.460404	0.730558	-1.36882	16.2174	38.7878	2.09277	1
cg02573743	NEDD4;NEDD4	0.00292653	0.009285	0.52845	-1.89233	0.00900612	0.52641	-1.89966	5.25E-05	0.232116	-4.30819	0.757837	0.94199	-1.06158	0.271254	0.801459	-1.24772	0.262717	0.798004	-1.25313	0.594824	0.90147	-1.1093	0.669982	1.08637	1.08637	0.196384	0.768001	-1.30208	8.62135	5.09838	0.52566	1
cg24686153	NEDD4;NEDD4	0.00672016	0.00196762	0.406688	-2.45888	0.433762	0.848499	-1.17855	0.313853	1.23892	1.23892	0.0874277	0.678349	-1.47417	0.021308	0.565983	-1.76684	0.00100615	0.366405	-2.72922	0.0656699	0.653861	-1.52938	0.223789	1.30066	1.30066	0.0625515	0.649802	-1.53893	6.69969	4.48882	0.59556	1
cg10433327	NEDD4;NEDD4	0.0185671	0.0772817	0.286442	-3.49111	0.000822069	0.0404232	-24.7383	0.0390665	0.218658	-4.57335	0.418392	0.590761	-1.69273	0.107801	0.327255	-3.05572	0.0786948	0.288514	-3.46604	0.0164935	0.154925	-6.45472	0.0190005	0.164044	-6.09591	0.106968	0.326233	-3.06529	4.82446	30.9588	5.70405	1
cg09657097	NEDD4L;NEDD4L	0.000521103	0.00116949	0.593605	-1.68462	0.179542	1.16886	1.16886	0.645563	0.950574	-1.052	0.967344	1.00449	1.00449	7.67E-05	0.45646	-2.19077	0.000487867	0.549821	-1.81877	0.00155369	0.607775	-1.64534	0.227998	1.14855	1.14855	0.820142	1.02524	1.02524	14.1275	2.68043	0.16865	1
cg16502980	NEDD4L;NEDD4L	0.00356861	?	?	?	0.000488771	0.142955	-6.99523	0.390019	1.19808	1.19808	0.00593095	0.367242	-2.723	0.032954	0.548739	-1.82236	0.11665	0.687613	-1.45431	0.00238178	0.276738	-3.61352	0.0484261	0.590459	-1.6936	0.0182838	2.05987	2.05987	25.4606	12.4389	0.244277	1
cg03478631	NEDD4L;NEDD4L	0.0249377	0.922985	1.0159	1.0159	0.0123809	0.60181	-1.66165	0.174976	0.790346	-1.26527	0.783977	0.95617	-1.04584	0.160373	1.27712	1.27712	0.852587	1.0308	1.0308	0.00241587	0.502036	-1.99189	0.384005	1.15672	1.15672	0.0627655	0.710705	-1.40705	4.36102	1.83735	0.374499	1
cg20976694	NEDD4L;NEDD4L;NEDD4L	0.00204245	0.97798	0.995048	-1.00498	0.493945	1.1331	1.1331	0.13973	0.751371	-1.3309	0.159722	0.763186	-1.3103	0.150413	0.75784	-1.31954	0.127633	1.3449	1.3449	5.53E-05	0.259319	-3.85625	0.00250506	0.469874	-2.12823	0.71742	0.936713	-1.06756	9.58306	4.91112	0.455537	1
cg03604930	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0273849	0.855915	0.938886	-1.06509	0.401793	1.34679	1.34679	0.117564	0.554476	-1.8035	0.586223	1.21008	1.21008	0.00347257	0.25252	-3.96009	0.0125093	0.340306	-2.93853	0.0454685	0.45117	-2.21646	0.243041	1.52782	1.52782	0.271839	0.672433	-1.48714	4.22064	8.0463	1.69459	1
cg07324054	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.00255141	0.468558	1.16583	1.16583	0.0176701	1.82286	1.82286	0.988771	1.00293	1.00293	0.0138814	1.88223	1.88223	0.000298119	0.293843	-3.40317	0.0142515	1.87563	1.87563	0.0294134	1.7052	1.7052	0.0827441	1.49146	1.49146	0.973666	1.00689	1.00689	8.97806	6.15502	0.609388	1
cg18524262	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0121464	0.876569	1.04808	1.04808	0.191781	0.658681	-1.51819	0.335872	0.740946	-1.34963	0.0251622	2.23569	2.23569	0.00108138	0.232708	-4.29724	0.172846	1.55007	1.55007	0.579848	0.844547	-1.18407	0.029829	2.16492	2.16492	0.862885	1.05362	1.05362	5.55159	8.02665	1.28518	1
cg03593076	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0170253	0.723313	0.916241	-1.09142	0.0209328	0.504716	-1.98131	0.224296	0.730423	-1.36907	0.514363	1.17671	1.17671	0.263094	1.33257	1.33257	0.840972	1.05068	1.05068	0.00168166	3.01925	3.01925	0.0535324	1.71529	1.71529	0.08408	1.60056	1.60056	4.96702	4.76379	0.85252	1
cg18687085	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.000309496	0.996345	1.00097	1.00097	0.011193	0.508731	-1.96568	0.0698683	0.649882	-1.53874	0.849176	0.960332	-1.04131	6.10E-06	0.116081	-8.61469	0.0655265	0.644384	-1.55187	0.213847	1.32084	1.32084	0.415485	1.19357	1.19357	0.00105644	0.357089	-2.80042	16.3104	11.6765	0.636353	1
cg16576811	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.00112249	0.660862	0.881444	-1.1345	0.00400155	3.02105	3.02105	0.950811	0.982521	-1.01779	0.00949951	0.390941	-2.55793	0.00018017	0.163301	-6.12366	0.588375	1.16904	1.16904	0.00272082	0.306284	-3.26495	0.104891	1.65957	1.65957	0.0341875	0.493416	-2.02669	11.3865	14.7344	1.15024	1
cg26938118	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0200313	0.00455333	0.259763	-3.84967	0.074196	0.491773	-2.03346	0.0637525	0.475467	-2.1032	0.421503	0.746077	-1.34034	0.063826	0.475589	-2.10266	0.0325746	0.409696	-2.44083	0.0035844	0.244836	-4.08436	0.2847	1.48651	1.48651	0.144491	0.571684	-1.74922	4.70207	9.47689	1.79153	1
cg11211204	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.030024	0.213786	1.27636	1.27636	0.00610163	1.94888	1.94888	0.713817	1.07107	1.07107	0.0477497	1.52494	1.52494	0.539737	0.890721	-1.12269	0.15484	1.32819	1.32819	0.00287822	2.14715	2.14715	0.268489	1.23966	1.23966	0.661426	0.921138	-1.08561	4.08567	2.24835	0.489156	1
cg23757461	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0320369	0.0223711	0.441955	-2.26268	0.00275773	0.291639	-3.4289	0.105118	0.589574	-1.69614	0.363146	0.756645	-1.32162	0.174904	0.650182	-1.53803	0.797735	0.926236	-1.07964	0.0130847	0.39918	-2.50514	0.0401322	0.492819	-2.02914	0.953736	1.01746	1.01746	3.99223	5.62887	1.25329	1
cg20659941	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0364671	0.0176528	0.361457	-2.76658	0.576218	0.81949	-1.22027	0.238102	0.646837	-1.54598	0.0203081	0.372944	-2.68137	0.229783	0.641313	-1.5593	0.00284071	0.234913	-4.2569	0.969549	1.01355	1.01355	0.605779	1.20147	1.20147	0.0972574	0.52645	-1.89952	3.80994	7.49986	1.74978	1
cg02870676	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.00164355	0.706967	1.05891	1.05891	0.186005	1.23679	1.23679	0.346167	1.1584	1.1584	0.348149	0.863813	-1.15766	2.47E-05	0.280399	-3.56635	0.436361	0.88661	-1.12789	0.403184	1.13844	1.13844	0.110734	1.30133	1.30133	0.419749	0.882545	-1.13309	10.207	3.71344	0.323391	1
cg16467015	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0404714	0.978073	0.994523	-1.00551	0.00232591	2.33917	2.33917	0.0154901	1.81025	1.81025	0.124535	1.39423	1.39423	0.6006	1.11134	1.11134	0.335775	0.82008	-1.21939	0.152616	1.3582	1.3582	0.16568	1.34373	1.34373	0.341623	1.21631	1.21631	3.66727	2.31957	0.562229	1
cg04773376	NEDD8	0.0330247	0.387752	0.903702	-1.10656	0.509277	0.926283	-1.07958	0.00634639	0.666035	-1.50142	0.101695	0.814698	-1.22745	0.0247841	0.736637	-1.35752	0.19894	0.856193	-1.16796	0.0246443	1.35807	1.35807	0.587463	1.06466	1.06466	0.784851	0.969184	-1.0318	3.94899	0.818238	0.184179	1
cg13181604	NEDD8;GMPR2;GMPR2;GMPR2;GMPR2	0.000883388	0.20211	0.791215	-1.26388	0.765987	0.949425	-1.05327	0.000149087	0.322037	-3.10523	0.326736	1.1925	1.1925	0.0384241	1.51752	1.51752	0.00361775	1.9833	1.9833	0.00104758	2.3241	2.3241	0.0951512	1.37553	1.37553	0.164846	1.29388	1.29388	12.1867	5.83555	0.425642	1
cg03190513	NEDD9	0.000425776	0.0120025	0.53462	-1.87049	0.00126491	0.390541	-2.56055	0.00801757	0.507165	-1.97175	0.00607442	0.488732	-2.04611	0.00723239	0.500279	-1.99889	0.0921887	0.690451	-1.44833	8.57E-06	0.144518	-6.91956	0.0161218	0.555243	-1.80101	0.00582225	0.485947	-2.05784	14.9405	9.44945	0.562197	1
cg25250968	NEDD9	0.00224421	0.00147423	0.112771	-8.86755	0.0669212	0.376518	-2.65591	0.0380392	0.318632	-3.13842	0.00551072	0.176377	-5.66968	0.00321246	0.147699	-6.77052	0.111157	0.438092	-2.28262	0.000243513	0.0558682	-17.8993	0.283119	0.588384	-1.69957	0.00185323	0.122297	-8.17681	9.32283	33.3956	3.18412	1
cg16018002	NEDD9	0.00377971	0.717672	0.911053	-1.09763	0.1297	1.52192	1.52192	0.474521	0.829788	-1.20513	0.742554	0.918914	-1.08824	0.00644707	0.402985	-2.48148	0.430098	0.813326	-1.22952	0.00181376	0.320582	-3.11932	0.000254676	0.213121	-4.69217	0.115997	0.645153	-1.55002	7.98751	8.3262	0.92658	1
cg18627677	NEDD9	0.00607335	0.00801233	0.268307	-3.72708	0.462065	1.33627	1.33627	0.536252	1.27444	1.27444	0.597182	1.22936	1.22936	0.000177525	0.0854322	-11.7052	0.609982	1.22042	1.22042	0.281334	1.54271	1.54271	0.946425	0.974315	-1.02636	0.884526	1.05788	1.05788	6.91317	16.4148	2.1106	1
cg26785468	NEDD9	0.0079438	0.0808651	0.550325	-1.81711	0.00159823	0.247304	-4.04361	0.00150815	0.244009	-4.09821	0.340413	0.738504	-1.35409	0.552519	0.830773	-1.2037	0.289744	0.712464	-1.40358	0.169197	1.57129	1.57129	0.26585	0.699265	-1.43007	0.00541494	0.323248	-3.0936	6.35823	9.58586	1.34011	1
cg11406667	NEDD9	0.0101007	0.00639928	0.333957	-2.9944	0.93041	1.02737	1.02737	0.184396	0.647095	-1.54537	0.0215812	0.426114	-2.34679	0.00709559	0.341167	-2.93111	0.0159387	0.401544	-2.49039	0.0237069	0.433973	-2.30429	0.0138169	0.390354	-2.56177	0.00273041	0.278328	-3.59288	5.8917	8.9181	1.34549	1
cg16955407	NEDD9	0.0122799	0.0180064	0.251913	-3.96962	0.226883	1.83794	1.83794	0.580974	1.30663	1.30663	0.917684	1.05085	1.05085	0.00031343	0.0606337	-16.4925	0.902108	1.06081	1.06081	0.413029	0.669331	-1.49403	0.824015	1.11277	1.11277	0.94012	0.964601	-1.0367	5.53192	20.1633	3.23992	1
cg25569396	NEDD9	0.0199733	0.132042	0.69727	-1.43417	0.00893345	0.478163	-2.09134	0.00242183	0.391881	-2.5518	0.0625491	0.628178	-1.59191	0.0423204	0.595256	-1.67995	0.106939	0.676787	-1.47757	0.349075	0.807483	-1.23842	0.211669	0.746867	-1.33893	0.00470462	0.43464	-2.30076	4.7067	3.66804	0.692731	1
cg23740758	NEDD9	0.0267331	0.234448	0.687005	-1.45559	0.415836	0.77841	-1.28467	0.0261256	0.451588	-2.21441	0.19847	0.664086	-1.50583	0.00068429	0.209617	-4.7706	0.980782	1.00728	1.00728	0.0973993	0.578165	-1.72961	0.949938	0.981265	-1.01909	0.0833777	0.561406	-1.78124	4.25646	6.11635	1.27729	1
cg16218895	NEDD9	0.0435664	0.241526	0.711391	-1.4057	0.0230724	0.47011	-2.12716	0.637444	1.14095	1.14095	0.599013	1.1588	1.1588	0.229868	0.704727	-1.41899	0.940241	1.02104	1.02104	0.00635005	2.68284	2.68284	0.0779443	0.580366	-1.72305	0.656864	0.883206	-1.13224	3.56842	4.36067	1.08624	1
cg22225849	NEDD9;NEDD9	0.00214185	0.0381796	0.480664	-2.08045	0.00223735	0.271123	-3.68836	0.569701	0.8393	-1.19147	0.620032	0.858647	-1.16462	0.000610936	0.199938	-5.00155	0.0569043	0.5184	-1.92901	0.000937028	0.221932	-4.50588	0.919169	0.969523	-1.03143	0.000765808	0.211381	-4.73079	9.45103	13.9164	1.30887	1
cg09267787	NEDD9;NEDD9	0.0190257	0.0387942	0.635338	-1.57397	0.0608477	0.669921	-1.49271	0.0207906	0.590035	-1.69481	0.0984197	1.41	1.41	0.0528286	0.658861	-1.51777	0.913576	0.979629	-1.02079	0.0101027	1.85017	1.85017	0.231247	0.788155	-1.26879	0.432057	0.858979	-1.16417	4.78487	2.72359	0.505963	1
cg18252855	NEDD9;NEDD9	0.048656	0.171044	1.34409	1.34409	0.431868	0.8498	-1.17675	0.537625	1.135	1.135	0.245569	0.7816	-1.27943	0.986534	1.00343	1.00343	0.155165	1.36158	1.36158	0.00177966	2.46582	2.46582	0.24756	1.27798	1.27798	0.177795	1.33716	1.33716	3.42334	2.23187	0.579516	1
cg09669930	NEDD9;NEDD9;NEDD9	0.0173749	?	?	?	0.0754865	2.77185	2.77185	0.946217	1.03537	1.03537	?	?	?	?	?	?	0.0047159	0.144501	-6.92035	0.185367	0.485001	-2.06185	0.0147443	0.213037	-4.69402	0.766694	1.16567	1.16567	5.28898	14.8239	3.73705	1
cg01275359	NEDD9;NEDD9;NEDD9;NEDD9;NEDD9	0.0150904	0.646093	1.2658	1.2658	0.226182	1.91143	1.91143	0.0459093	3.21048	3.21048	0.000756916	0.0740474	-13.5049	0.195354	0.497491	-2.01009	0.325125	0.595722	-1.67863	0.56054	0.740796	-1.3499	0.618492	0.774194	-1.29167	0.0445637	0.30856	-3.24086	5.17041	21.2812	3.65862	1
cg23353952	NEFH	0.000617375	0.00602451	2.66321	2.66321	0.00920335	0.405501	-2.46609	0.349334	0.768741	-1.30083	0.0002918	5.01317	5.01317	0.137444	0.64616	-1.54761	0.135722	0.64473	-1.55104	0.569437	0.854744	-1.16994	0.00244121	0.316229	-3.16227	0.00176832	3.37242	3.37242	13.4761	15.9053	1.04912	1
cg23842255	NEFH	0.00478405	0.000264962	2.99382	2.99382	0.167366	1.30919	1.30919	0.148565	1.32794	1.32794	0.178739	1.29887	1.29887	0.312562	1.21072	1.21072	0.376269	1.18082	1.18082	0.0456778	0.657442	-1.52105	0.345778	1.19451	1.19451	0.00192338	2.23394	2.23394	7.43805	3.94713	0.471704	1
cg02994956	NEFH	0.00680328	0.0195201	2.89401	2.89401	0.00601863	0.258963	-3.86155	0.0429487	2.40356	2.40356	0.821306	0.91836	-1.0889	0.0339606	0.393797	-2.53938	0.995956	1.00191	1.00191	0.00492104	0.24598	-4.06538	0.50484	0.775104	-1.29015	0.0571552	2.24824	2.24824	6.67412	14.9806	1.99519	1
cg20256245	NEFH	0.0170951	0.635866	1.18544	1.18544	0.0253304	0.387425	-2.58114	0.110623	0.537922	-1.859	0.00310226	4.23392	4.23392	0.177211	0.59958	-1.66784	0.999929	1.00003	1.00003	0.160348	0.585712	-1.70732	0.237379	0.643082	-1.55501	0.0436357	2.28716	2.28716	4.96021	9.99319	1.79082	1
cg10188823	NEFH;NEFH	0.0102561	0.836889	1.03775	1.03775	0.304913	0.826167	-1.21041	0.00374554	2.02076	2.02076	0.0858115	0.710883	-1.4067	0.0131237	0.575299	-1.73823	0.82073	0.960025	-1.04164	0.006018	0.524628	-1.90611	0.0597073	0.682552	-1.46509	0.135468	0.748855	-1.33537	5.86296	2.99979	0.454801	1
cg16080876	NEFL	6.29E-07	0.838217	0.976778	-1.02377	0.149345	0.837206	-1.19445	0.001287	1.71465	1.71465	0.0209672	1.37604	1.37604	0.158538	1.18913	1.18913	0.490596	1.0838	1.0838	0.123792	1.21114	1.21114	4.37E-09	19.2278	19.2278	0.534924	1.07489	1.07489	82.5352	17.2652	0.185943	1
cg13822256	NEFL	1.71E-06	0.150495	1.20361	1.20361	7.95E-06	3.24066	3.24066	6.80E-06	0.300988	-3.3224	0.356847	1.12071	1.12071	2.27E-05	0.36049	-2.774	4.12E-07	0.176671	-5.66025	0.0068962	1.52287	1.52287	0.0586175	1.29292	1.29292	0.0135817	0.692639	-1.44375	63.9193	14.6397	0.203587	1
cg23425735	NEFL	1.99E-06	0.00041276	0.28528	-3.50533	0.270806	0.773731	-1.29244	0.000158748	0.235782	-4.24121	1.11E-05	0.12345	-8.10047	1.72E-06	0.0686829	-14.5597	0.000880397	0.327708	-3.05149	5.62E-08	0.0155588	-64.2723	0.00103387	0.337064	-2.96679	0.000868177	0.3269	-3.05904	61.5103	48.7708	0.70479	1
cg00197313	NEFL	9.40E-06	0.0239855	0.816941	-1.22408	0.00883706	0.778595	-1.28436	0.00319446	0.739155	-1.3529	0.308349	0.923887	-1.08238	0.00894292	0.779053	-1.28361	0.0323479	0.828498	-1.207	0.00292895	0.735752	-1.35915	2.16E-07	3.24232	3.24232	0.887393	1.01069	1.01069	41.222	3.68045	0.0793634	1
cg24000873	NEFL	1.82E-05	0.489875	1.09464	1.09464	0.387456	1.12098	1.12098	0.15802	1.21481	1.21481	0.388696	1.12063	1.12063	0.298286	0.870231	-1.14912	0.312716	1.14411	1.14411	0.495996	0.914737	-1.09321	1.32E-07	8.5905	8.5905	0.0265339	1.40355	1.40355	34.6911	9.13195	0.233987	1
cg01023696	NEFL	0.000208733	0.0995662	0.768103	-1.30191	0.0710837	0.744755	-1.34272	0.552305	0.915874	-1.09185	0.47864	0.900074	-1.11102	0.0145366	0.644046	-1.55268	0.111501	0.776188	-1.28835	0.0027119	0.545869	-1.83194	6.66E-06	4.31995	4.31995	0.325636	1.15991	1.15991	18.1594	6.14402	0.300745	1
cg07773060	NEFL	0.000888824	0.120054	0.68339	-1.46329	0.158247	0.711407	-1.40566	0.898975	1.02909	1.02909	0.175452	1.38436	1.38436	0.939464	1.01729	1.01729	0.565761	0.877172	-1.14003	0.473093	0.848127	-1.17907	1.14E-05	8.19457	8.19457	0.479616	1.17613	1.17613	12.1656	9.8183	0.717383	1
cg15717071	NEFL	0.00116853	0.756825	1.07523	1.07523	0.000415075	3.69879	3.69879	0.0102672	2.12858	2.12858	0.502545	0.853073	-1.17223	0.849416	0.956583	-1.04539	0.301261	0.778705	-1.28418	0.65516	0.900347	-1.11068	0.000127647	4.74095	4.74095	0.00502993	2.37862	2.37862	11.2568	9.72279	0.767755	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22727581	NEFL	0.00149515	0.0195024	0.567602	-1.7618	0.0527112	1.55545	1.55545	0.0486544	1.57104	1.57104	0.794094	1.05387	1.05387	0.00633078	0.490133	-2.04026
cg06999323	NEFL	0.0189065	0.057139	0.502512	-1.99	0.175752	1.58458	1.58458	0.831902	0.934294	-1.07033	0.185841	1.56599	1.56599	0.945998	0.978574	-1.02189
cg13266631	NEFL	0.0225793	0.119705	0.606628	-1.64846	0.250579	1.42681	1.42681	0.045623	1.97105	1.97105	0.711712	0.895926	-1.11616	0.769152	1.09104	1.09104
cg22978087	NEFL;NEFL	0.00136551	0.0501017	0.726294	-1.37685	0.0901761	0.765404	-1.3065	0.220517	0.831599	-1.2025	0.393159	0.882295	-1.13341	0.000481567	0.456595	-2.19012
cg24032666	NEFL;NEFL	0.00436526	0.858149	0.962861	-1.03857	0.0835999	0.666913	-1.49945	0.0818852	0.665085	-1.50357	0.604881	0.895463	-1.11674	0.000977733	0.354386	-2.82178
cg26330518	NEFM	8.78E-06	0.00108774	0.232493	-4.3012	0.000118261	0.130174	-7.682	0.00909796	2.72616	2.72616	0.000364299	5.63326	5.63326	1.89E-05	0.071844	-13.9191
cg18898125	NEFM	2.70E-05	6.13E-05	0.0550077	-18.1793	8.42E-05	0.0624453	-16.014	0.132421	1.89039	1.89039	0.00302026	4.92492	4.92492	3.79E-05	0.044974	-22.2351
cg07502389	NEFM;NEFM	8.32E-09	0.791519	1.0222	1.0222	0.156082	1.13404	1.13404	0.0101696	1.30825	1.30825	0.0113233	1.30069	1.30069	0.008	0.754457	-1.32546
cg09234518	NEFM;NEFM	7.21E-07	0.591498	0.895535	-1.11665	0.918245	1.02113	1.02113	0.0551867	1.55693	1.55693	0.550761	0.88432	-1.13081	0.0993311	0.692164	-1.44474
cg23290344	NEFM;NEFM	8.79E-07	0.33177	0.77477	-1.29071	0.339746	0.778214	-1.28499	0.188278	0.70097	-1.42659	0.717325	1.09709	1.09709	0.00600344	0.400494	-2.49691
cg02761376	NEFM;NEFM	2.14E-06	0.456435	0.913803	-1.09433	0.152254	1.19992	1.19992	0.942593	1.0086	1.0086	0.298691	0.879838	-1.13657	0.97232	1.00413	1.00413
cg16459364	NEFM;NEFM	4.74E-06	0.839345	0.952775	-1.04957	0.968134	0.990525	-1.00957	0.00813796	2.24187	2.24187	0.000209256	4.385	4.385	0.149786	0.692115	-1.44485
cg07552803	NEFM;NEFM	0.000508176	0.0865571	2.24926	2.24926	0.870069	1.07261	1.07261	0.905466	1.05219	1.05219	0.325036	1.54519	1.54519	0.75131	0.872726	-1.14583
cg02106941	NEFM;NEFM	0.00232294	0.23726	0.780869	-1.28062	0.0124136	1.86198	1.86198	0.29887	0.806459	-1.23999	0.195297	0.760612	-1.31473	0.041823	0.625847	-1.59783
cg19677607	NEFM;NEFM	0.00257786	0.31761	0.818306	-1.22204	0.00831861	1.92462	1.92462	0.0494681	1.54516	1.54516	0.030188	0.60972	-1.6401	0.0200763	0.580156	-1.72368
cg12026749	NEFM;NEFM	0.00289133	0.285244	0.788714	-1.26789	0.938322	1.01669	1.01669	0.606362	0.894805	-1.11756	0.000874587	2.90771	2.90771	0.66148	0.91008	-1.0988
cg22562942	NEFM;NEFM	0.0241147	0.999886	0.999984	-1.00002	0.360742	0.898571	-1.11288	0.0130113	1.42015	1.42015	0.226446	1.15554	1.15554	0.691153	1.0465	1.0465
cg20585869	NEFM;NEFM	0.0383793	?	?	?	0.0191288	11.2286	11.2286	0.065591	5.30387	5.30387	?	?	?	?	?	?
cg27475652	NEFM;NEFM	0.0490525	0.697718	1.17863	1.17863	0.960132	0.97917	-1.02127	0.238734	0.594761	-1.68135	0.0120723	0.267686	-3.73573	0.00891493	0.246313	-4.05987
cg18267374	NEFM;NEFM;NEFM	3.93E-05	0.966912	1.01029	1.01029	0.695769	0.90757	-1.10184	0.922025	0.976127	-1.02446	0.272561	0.754401	-1.32556	0.202016	0.717158	-1.39439
cg21284376	NEGR1	0.000644546	0.0317022	1.21395	1.21395	0.00128763	0.69686	-1.43501	0.0208781	0.807318	-1.23867	0.843115	0.984861	-1.01537	0.149123	0.887719	-1.12648
cg24940889	NEGR1	0.000801688	0.000384428	0.291275	-3.43319	0.00894124	0.484852	-2.06249	0.00713244	0.469318	-2.13075	0.00747014	0.472474	-2.11652	0.000139503	0.238777	-4.18801
cg17027033	NEGR1	0.00158416	0.12841	1.14722	1.14722	0.175432	1.12797	1.12797	0.0518643	0.831197	-1.20308	0.234628	0.901122	-1.10973	0.000554539	0.639003	-1.56494
cg01957189	NEGR1	0.00252548	0.439481	1.21982	1.21982	0.102837	0.634618	-1.57575	0.615343	1.13593	1.13593	6.49E-05	0.129337	-7.73176	0.468273	1.20431	1.20431
cg19831197	NEIL1	0.00893919	0.00225043	0.335744	-2.97846	0.843783	0.950893	-1.05164	0.440503	1.22234	1.22234	0.102546	1.57767	1.57767	0.229088	0.724605	-1.38006
cg00836571	NEIL1	0.0108586	0.572441	0.851931	-1.1738	0.926927	0.974558	-1.02611	0.584334	1.16791	1.16791	0.884461	1.0417	1.0417	0.916771	0.971059	-1.0298
cg05281061	NEIL1	0.0257319	0.245701	0.877127	-1.14009	0.653395	0.952364	-1.05002	0.197299	0.863147	-1.15855	0.946549	0.992787	-1.00727	0.00479289	0.667491	-1.49815
cg27209457	NEIL1	0.0436684	0.0378308	1.81043	1.81043	0.183337	0.706135	-1.41616	0.587802	1.1444	1.1444	0.00779712	2.32075	2.32075	0.753735	1.08065	1.08065
cg02319990	NEIL1	0.0444086	0.0172942	0.14469	-6.91134	0.276755	0.470368	-2.12599	0.589088	0.695173	-1.43849	0.524192	0.650293	-1.53777	0.00943633	0.111513	-8.96756
cg03387238	NEIL1;MIR631	0.0298869	0.0057571	0.250308	-3.99507	0.0269156	0.366776	-2.72646	0.275381	0.64771	-1.5439	0.106806	0.509722	-1.96185	0.00757113	0.268519	-3.72414
cg12600197	NEIL1;NEIL1	0.0014173	0.000878856	0.402978	-2.48152	0.360469	0.842551	-1.18687	0.664522	1.08276	1.08276	0.014478	1.73159	1.73159	0.013646	0.573522	-1.74361
cg17155499	NEIL2;NEIL2;NEIL2;NEIL2	0.00910497	0.797612	0.943585	-1.05979	0.0134931	0.501055	-1.99579	0.00646668	0.449299	-2.22569	0.365129	1.23402	1.23402	0.591677	1.13016	1.13016
cg13008174	NEIL2;NEIL2;NEIL2;NEIL2	0.0104822	0.00333433	0.292586	-3.4178	0.00265148	0.278306	-3.59317	0.0147735	0.397401	-2.51635	0.0829229	0.553984	-1.80511	0.00417426	0.307034	-3.25697
cg20207567	NEIL2;NEIL2;NEIL2;NEIL2	0.0134812	0.00631762	0.153018	-6.53516	0.0492688	0.305859	-3.26948	0.0251882	0.245304	-4.07658	0.101987	0.388745	-2.57238	0.0512375	0.309812	-3.22777
cg05267444	NEIL2;NEIL2;NEIL2;NEIL2	0.0153022	0.047403	0.686599	-1.45645	0.103835	0.74465	-1.34291	0.00323641	0.513861	-1.94605	0.47364	0.886199	-1.12841	0.200919	1.25097	1.25097
cg08325212	NEIL2;NEIL2;NEIL2;NEIL2	0.0314685	0.287313	1.19938	1.19938	0.175939	0.789156	-1.26718	0.866083	0.972608	-1.02816	0.747092	1.05469	1.05469	0.873681	1.02653	1.02653
cg11908155	NEIL2;NEIL2;NEIL2;NEIL2	0.0443692	0.571645	0.898628	-1.11281	0.00470321	0.49537	-2.01869	0.00449802	0.49254	-2.03029	0.647837	0.917597	-1.0898	0.411482	0.854673	-1.17004
cg20281583	NEIL3	3.77E-05	0.000463065	0.208399	-4.79848	8.26E-06	0.0626929	-15.9508	0.000873945	0.241434	-4.14192	0.356274	0.763282	-1.31013	0.00101333	0.249541	-4.00736
cg14022913	NEIL3	4.76E-05	0.000104225	0.08507	-11.755	0.000537759	0.144564	-6.91736	0.000410178	0.133247	-7.50484	0.00445926	0.256021	-3.90592	1.17E-05	0.0356267	-28.0688
cg22833147	NEIL3	0.00882355	0.00324991	0.0762175	-13.1203	0.567719	1.42284	1.42284	0.856187	1.11696	1.11696	?	?	?	0.702506	1.26378	1.26378
cg09814128	NEIL3	0.0114268	0.196653	0.818975	-1.22104	0.00411447	0.569494	-1.75595	0.153137	0.799482	-1.25081	0.157112	0.801435	-1.24776	0.166294	0.805797	-1.24101
cg09475757	NEIL3	0.023633	0.763182	0.937482	-1.06669	0.609688	0.895835	-1.11628	0.0807506	1.51246	1.51246	0.865726	1.03682	1.03682	0.58937	0.890106	-1.12346
cg05110629	NEK1	9.23E-07	0.238084	1.09511	1.09511	4.35E-06	0.458924	-2.17901	7.84E-08	0.269535	-3.71009	0.00914889	1.27555	1.27555	0.0403052	1.19024	1.19024
cg18344397	NEK1	0.000670336	0.00246209	0.374624	-2.66934	0.0193478	0.517156	-1.93365	0.648054	0.898392	-1.1131	0.315284	0.784988	-1.27391	1.81E-05	0.129948	-7.69539
cg02998883	NEK1	0.0124887	0.787045	0.900707	-1.11024	0.146437	0.547704	-1.8258	0.0249123	0.356719	-2.80332	0.0406126	0.401295	-2.49194	0.00548042	0.244025	-4.09794
cg10573181	NEK1	0.0133941	0.316068	0.854316	-1.17053	0.00411937	1.79407	1.79407	0.00275802	1.8726	1.8726	0.0878909	0.751175	-1.33125	0.481259	0.896962	-1.11487
cg22172309	NEK1	0.0191238	0.0135925	0.248958	-4.01674	0.00558471	0.190645	-5.24535	0.031415	0.316824	-3.15633	0.220662	0.556346	-1.79744	0.00871397	0.218255	-4.58181
cg27158490	NEK1	0.0442921	0.431202	1.33845	1.33845	0.535153	1.25595	1.25595	0.0184592	2.82097	2.82097	0.934077	1.03047	1.03047	0.329292	0.693971	-1.44098
cg03687177	NEK1	0.0444298	0.31148	1.20632	1.20632	0.0524955	1.48434	1.48434	0.0309399	1.57437	1.57437	0.31081	1.20666	1.20666	0.941894	1.01314	1.01314
cg17191919	NEK10	3.82E-05	0.572372	1.13781	1.13781	0.281603	1.28818	1.28818	0.00159837	2.7864	2.7864	0.269376	1.29731	1.29731	4.22E-07	25.8435	25.8435
cg01056889	NEK10	3.93E-05	0.210896	0.568384	-1.75937	0.0740015	0.425973	-2.34757	3.67E-05	30.095	30.095	0.00068942	0.108549	-9.2124	9.56E-06	59.6445	59.6445
cg22415969	NEK10	8.13E-05	0.857115	0.96859	-1.03243	0.00283804	0.483032	-2.07026	0.00650777	0.534623	-1.87048	0.183431	0.77886	-1.28393	1.67E-06	8.39156	8.39156
cg17918906	NEK10	0.00022412	0.0134084	0.49434	-2.0229	0.0355061	0.569398	-1.75624	0.631374	1.11764	1.11764	0.113187	1.48681	1.48681	0.127395	1.46124	1.46124
cg09642369	NEK10	0.000344799	0.0570206	0.712901	-1.40272	0.100733	1.32645	1.32645	0.56905	0.913525	-1.09466	0.867954	1.02649	1.02649	0.0275246	1.50625	1.50625
cg05435286	NEK10	0.00190042	0.378573	0.711484	-1.40551	0.000150386	11.6156	11.6156	0.0228583	0.358407	-2.79013	0.233429	0.624535	-1.60119	0.00152329	5.58369	5.58369
cg06099784	NEK10	0.00347147	0.451624	1.37331	1.37331	0.0791091	0.441596	-2.26452	0.0358044	0.35632	-2.80646	0.757215	1.13651	1.13651	0.503204	1.32427	1.32427
cg22905350	NEK10	0.00605766	0.301499	1.2909	1.2909	0.0414498	0.570697	-1.75224	0.00755893	0.440576	-2.26976	0.0446847	0.577086	-1.73284	0.284915	0.767251	-1.30335
cg03776495	NEK10	0.0445439	0.0603251	1.42561	1.42561	0.0175954	0.616621	-1.62174	0.853515	1.03142	1.03142	0.571419	1.10047	1.10047	0.480299	1.12761	1.12761
cg16136957	NEK10;NEK10	0.0491009	0.980586	1.00449	1.00449	0.628682	1.09394	1.09394	0.00860273	1.85417	1.85417	0.478041	1.14215	1.14215	0.00646796	1.92008	1.92008
cg04534198	NEK11;ASTE1;ASTE1;NEK11;NEK11	0.000102723	0.000335832	0.658849	-1.5178	0.000536455	0.67965	-1.47135	0.000671991	0.689466	-1.4504	0.00594103	1.28429	1.28429	0.202766	0.913678	-1.09448
cg26346167	NEK11;NEK11	0.000300486	0.00403381	0.353447	-2.82928	0.00257937	0.324666	-3.08009	0.00288084	0.331647	-3.01526	0.0282474	0.497817	-2.00877	2.37E-05	0.103107	-9.69867
cg13594837	NEK11;NEK11	0.0312327	0.0209966	0.550542	-1.81639	0.810982	0.949803	-1.05285	0.0263398	0.567666	-1.7616	0.122355	0.697747	-1.43318	0.00476801	0.446885	-2.23771
cg15831905	NEK2	0.00366123	0.00203179	0.129746	-7.70736	0.00298847	0.147836	-6.76425	0.0181786	0.260254	-3.8424	0.0754794	0.395013	-2.53156	0.00145752	0.115558	-8.65367
cg27065979	NEK3;NEK3;NEK3;NEK3	2.26E-06	0.871667	0.981298	-1.01906	2.16E-06	0.257431	-3.88453	0.0571903	0.777815	-1.28565	8.03E-06	0.319704	-3.12789	1.28E-07	0.141321	-7.07608
cg06906869	NEK3;NEK3;NEK3;NEK3	1.94E-05	0.346707	1.19083	1.19083	5.41E-05	0.257605	-3.88191	0.00115676	0.423012	-2.364	0.0113949	0.565046	-1.76977	8.90E-07	0.0952562	-10.498
cg15731669	NEK3;NEK3;NEK3;NEK3	0.000512748	0.562414	0.852249	-1.17337	0.00159135	0.269546	-3.70994	0.000486853	0.200599	-4.98507	0.128529	0.63563	-1.57324	0.0775986	0.580726	-1.72198
cg22056112	NEK3;NEK3;NEK3;NEK3	0.00151567	0.0245204	0.630658	-1.58565	0.733984	1.06045	1.06045	0.394442	0.860631	-1.16194	0.192508	0.788717	-1.26788	0.0586321	0.692411	-1.44423
cg12277225	NEK3;NEK3;NEK3;NEK3	0.00652084	0.0936337	0.620207	-1.61237	0.836205	0.947776	-1.0551	0.00298716	0.3481	-2.87274	0.0235966	0.496411	-2.01446	0.000216625	0.202125	-4.94743
cg00595898	NEK3;NEK3;NEK3;NEK3	0.008751	0.77843	1.0799	1.0799	0.0244748	2.07592	2.07592	0.167581	0.669741	-1.49312	0.329246	0.760028	-1.31574	0.000996535	0.263863	-3.78985
cg12861503	NEK3;NEK3;NEK3;NEK3	0.0116169	0.258968	0.681736	-1.46684	0.0875676	0.541467	-1.84684	0.0739839	0.523205	-1.9113	0.999346	1.00027	1.00027	0.000645781	0.182196	-5.48861
cg01345727	NEK3;NEK3;NEK3;NEK3	0.0365227	0.379228	0.690474	-1.44828	0.776154	0.889547	-1.12417	0.13362	0.514649	-1.94307	0.224861	0.592497	-1.68777	0.000585203	0.112811	-8.86436
cg27294008	NEK4	0.00055621	0.0075429	2.45973	2.45973	0.0028937	2.92197	2.92197	0.042733	1.8417	1.8417	0.000775398	3.78779	3.78779	0.100092	0.623932	-1.60274
cg03143060	NEK4	0.00287859	0.000391578	0.349959	-2.85748	0.728757	0.937362	-1.06682	0.562317	0.896865	-1.115	0.107474	1.386	1.386	0.00457608	0.495849	-2.01674
cg02636488	NEK4	0.00856255	0.121367	0.631976	-1.58234	0.288278	0.739907	-1.35152	0.642115	0.879954	-1.13642	0.680654	1.11972	1.11972	0.0498689	0.542722	-1.84256
cg18487916	NEK4	0.0107654	0.125926	2.35032	2.35032	0.020062	4.25353	4.25353	0.0866148	2.65585	2.65585	0.0567066	3.04373	3.04373	0.271444	1.80546	1.80546
cg10699675	NEK4	0.0177332	0.00105197	0.378462	-2.64228	0.0795577	0.676984	-1.47714	0.90621	0.976648	-1.02391	0.424814	0.849258	-1.1775	0.117638	1.4059	1.4059
cg18615369	NEK5	0.00211729	0.0800438	0.591713	-1.69001	0.251402	0.723426	-1.38231	0.0340787	0.51261	-1.9508	0.0499692	0.546634	-1.82938	6.93E-05	0.140309	-7.12713
cg23839631	NEK5	0.00290918	0.333363	1.12815	1.12815	0.109114	1.23508	1.23508	0.128386	1.21971	1.21971	0.0314333	1.35658	1.35658	0.0737795	0.785961	-1.27233
cg20510745	NEK5	0.00621526	0.303318	0.776759	-1.2874	0.518021	0.856178	-1.16798	0.00529139	2.38932	2.38932	0.0319539	1.81401	1.81401	0.00126871	0.328155	-3.04734
cg18057513	NEK5	0.0078712	0.134161	0.567608	-1.76178	0.000555578	6.54217	6.54217	0.779961	1.10317	1.10317	0.135304	1.75842	1.75842	0.542942	0.805815	-1.24098
cg09853514	NEK5	0.0112465	0.119754	0.698701	-1.43123	0.291497	1.26173	1.26173	0.333121	1.23621	1.23621	0.0118044	0.512809	-1.95004	0.00299271	0.421126	-2.37459
cg14466075	NEK5	0.0149789	0.51586	1.12737	1.12737	0.0281642	1.60273	1.60273	0.010175	1.80351	1.80351	0.254109	0.805168	-1.24198	0.0786562	0.70089	-1.42676
cg20559216	NEK5	0.0208458	0.309524	1.27029	1.27029	0.719735	0.9213	-1.08542	0.552381	0.872186	-1.14655	0.428027	1.20212	1.20212	0.0490585	0.599801	-1.66722
cg17240198	NEK5	0.0237486	0.0326672	0.183819	-5.44015	0.110302	0.307508	-3.25195	0.0371531	0.194073	-5.1527	0.970614	1.02528	1.02528	0.0146974	0.130674	-7.65262
cg15721359	NEK5	0.0355994	0.698667	0.884012	-1.13121	0.00614267	0.322055	-3.10506	0.0235327	0.424337	-2.35662	0.867762	1.05423	1.05423	0.0213428	0.416148	-2.40299
cg14082739	NEK6;NEK6;NEK6;NEK6	1.57E-05	1.04E-05	0.133999	-7.46273	3.09E-05	0.176812	-5.65574	2.38E-05	0.165979	-6.02485	0.000135298	0.244712	-4.08644	0.595039	0.89201	-1.12106
cg13512951	NEK6;NEK6;NEK6;NEK6	0.000644483	0.000318421	0.346725	-2.88413	0.105137	0.724866	-1.37956	0.0205616	0.602317	-1.66025	0.0147048	0.579442	-1.7258	0.00352011	0.487185	-2.05261
cg13487666	NEK6;NEK6;NEK6;NEK6	0.00986639	0.0249604	0.219229	-4.56143	0.00198726	0.0833916	-11.9916	0.0757057	0.324776	-3.07904	0.0514838	0.283342	-3.52931	0.0911693	0.347013	-2.88174
cg13866149	NEK6;NEK6;NEK6;NEK6	0.0303447	0.059099	0.61925	-1.61486	0.00531066	0.437765	-2.28433	0.737833	0.927241	-1.07847	0.738163	1.07836	1.07836	0.08239	0.648776	-1.54136
cg14285539	NEK6;NEK6;NEK6;NEK6	0.0402733	0.0220253	0.263023	-3.80195	0.0233016	0.267595	-3.73698	0.0366239	0.307012	-3.25721	0.15207	0.474217	-2.10874	0.0252949	0.274386	-3.6445
cg21468416	NEK6;NEK6;NEK6;NEK6;NEK6	0.0034121	0.0232283	0.662955	-1.5084	0.17602	0.804151	-1.24355	0.00277671	0.535277	-1.86819	0.421885	0.883113	-1.13236	0.0015337	0.501197	-1.99522
cg25706135	NEK7	0.000647299	0.000858853	0.293067	-3.41219	0.000278251	0.232653	-4.29825	0.0464977	0.571737	-1.74906	0.01773	0.493095	-2.02801	0.000202638	0.216968	-4.60898
cg09321965	NEK7	0.00120431	0.421921	1.10961	1.10961	0.526332	1.0848	1.0848	0.96464	0.994395	-1.00564	0.00642138	1.56748	1.56748	0.527244	1.0846	1.0846
cg19433037	NEK7	0.00137685	0.0080672	0.710357	-1.40774	0.00622702	1.43245	1.43245	0.00386423	1.48033	1.48033	0.00412153	1.47367	1.47367	0.347293	0.907073	-1.10245
cg17825185	NEK7	0.00199762	0.173596	0.812048	-1.23145	0.000840808	0.485662	-2.05904	0.0625972	0.739833	-1.35166	0.842331	1.02905	1.02905	0.00061505	0.468419	-2.13484
cg15136687	NEK7	0.014954	0.344102	0.808106	-1.23746	0.0212455	0.545846	-1.83202	0.02615	0.561648	-1.78048	0.574524	0.883371	-1.13203	0.00117352	0.35304	-2.83254
cg23237225	NEK7	0.0193716	0.062794	0.534095	-1.87233	0.112828	1.67709	1.67709	0.0593978	1.89182	1.89182	0.73473	0.90313	-1.10726	0.0027674	0.290398	-3.44355
cg09372617	NEK7	0.0201899	0.99531	0.999131	-1.00087	0.0206861	0.662366	-1.50974	0.0329565	0.691578	-1.44597	0.307467	1.16906	1.16906	0.0409771	0.705575	-1.41728
cg21870244	NEK7	0.0365285	0.461313	1.101	1.101	0.161613	1.21139	1.21139	0.943678	1.00911	1.00911	0.227214	1.17663	1.17663	0.0500696	1.33196	1.33196
cg23251678	NEK7	0.0464638	0.326926	0.872609	-1.14599	0.526593	1.09023	1.09023	0.00493989	1.65081	1.65081	0.266723	0.855727	-1.1686	0.535155	0.918915	-1.08824
cg20439633	NEK8	0.00445064	0.305869	0.657625	-1.52062	0.00188182	0.175124	-5.71025	0.264329	0.631317	-1.58399	0.00428737	0.22086	-4.52776	0.688042	0.852516	-1.173
cg00194207	NEK8	0.0177911	0.0178568	0.620819	-1.61077	0.184501	0.792109	-1.26245	0.592616	1.09355	1.09355	0.0376176	0.670764	-1.49084	0.146614	0.772616	-1.2943
cg01992424	NEK9	0.00050644	0.377841	1.09708	1.09708	0.484762	1.07541	1.07541	0.0738831	0.81547	-1.22629	0.101034	0.83203	-1.20188	5.95E-05	0.467434	-2.13934
cg17261830	NEK9	0.0305734	0.0141183	0.658974	-1.51751	0.0255497	1.44099	1.44099	0.0797197	1.30705	1.30705	0.481977	1.10341	1.10341	0.0187954	1.47988	1.47988
cg09944325	NEK9	0.0356849	0.00890903	2.71416	2.71416	0.264486	0.705425	-1.41758	0.224553	1.46635	1.46635	0.407085	0.775342	-1.28975	0.1559	0.634126	-1.57697
cg05343811	NEK9	0.041283	0.0747253	0.129697	-7.71029	0.00306387	0.0154157	-64.8689	0.0465614	0.0958232	-10.4359	0.484582	0.481509	-2.07681	0.0361178	0.0814599	-12.276
cg11748936	NEK9;NEK9	0.00734312	0.147219	1.09817	1.09817	0.258463	1.07357	1.07357	0.4525	0.954967	-1.04716	0.396102	1.05371	1.05371	0.000313503	1.42155	1.42155
cg07772309	NELF;NELF;NELF;NELF	0.0014314	0.353648	1.54169	1.54169	0.012153	4.12771	4.12771	0.900418	1.05843	1.05843	0.311527	0.621938	-1.60788	0.00016485	0.0543064	-18.414
cg12883878	NELF;NELF;NELF;NELF	0.00332904	0.0244906	0.631776	-1.58284	0.001206	0.443741	-2.25356	0.213145	0.79878	-1.25191	0.169534	0.778204	-1.28501	0.0116385	0.582518	-1.71669
cg01970325	NELF;NELF;NELF;NELF	0.0042906	0.00946596	0.452814	-2.20841	0.00150376	0.332164	-3.01056	0.00769187	0.438132	-2.28242	0.423843	1.21752	1.21752	0.00202777	0.350397	-2.85391
cg02923047	NELF;NELF;NELF;NELF	0.00536733	0.070549	0.667164	-1.49888	0.000719248	0.356741	-2.80315	0.0146864	0.547978	-1.82489	0.629613	0.907271	-1.10221	0.013363	0.541369	-1.84717
cg14384158	NELF;NELF;NELF;NELF	0.0191594	0.0254115	13.0082	13.0082	0.0548306	8.1919	8.1919	0.136378	4.71029	4.71029	0.14481	4.53747	4.53747	0.0258835	12.8641	12.8641
cg00537820	NELF;NELF;NELF;NELF	0.0192538	0.0249697	0.389608	-2.56668	0.0048068	0.266579	-3.75123	0.00881424	0.307775	-3.24913	0.241947	0.648714	-1.54151	0.00562332	0.276832	-3.6123
cg13829189	NELF;NELF;NELF;NELF	0.0496406	0.583675	0.92998	-1.07529	0.0307795	1.39478	1.39478	0.0931051	1.27419	1.27419	0.813597	0.969494	-1.03147	0.897729	0.983275	-1.01701
cg14029453	NELF;NELF;PNPLA7;NELF;NELF;PNPLA7	0.025646	0.703025	0.922167	-1.0844	0.00148349	0.379181	-2.63727	0.0201526	0.552749	-1.80914	0.138316	0.713518	-1.40151	0.125306	0.704011	-1.42043
cg04261192	NELL1;NELL1	0.000295832	2.57E-06	0.111367	-8.97929	0.435705	0.857569	-1.16609	0.0506393	0.650296	-1.53776	0.0195318	0.579656	-1.72516	0.750866	0.94031	-1.06348
cg06873316	NELL1;NELL1	0.000433159	0.0184953	0.693631	-1.44169	0.183613	1.19799	1.19799	0.952394	1.00767	1.00767	0.000520551	0.500132	-1.99947	0.123063	1.23852	1.23852
cg20632462	NELL1;NELL1	0.00235574	0.000932558	0.181415	-5.51223	0.00134033	0.199836	-5.00411	0.00256068	0.23571	-4.24249	0.0362614	0.431222	-2.31899	0.00129837	0.198173	-5.04609
cg20764116	NELL1;NELL1	0.0042801	0.827104	0.935171	-1.06932	0.735254	1.10959	1.10959	0.0671376	0.533273	-1.87521	0.00476501	0.317178	-3.15281	0.00518149	0.322789	-3.098
cg22307471	NELL1;NELL1	0.00775116	0.215621	0.704977	-1.41849	0.0234615	2.06693	2.06693	0.0116844	0.429465	-2.32848	0.0032632	0.341028	-2.93231	0.536008	1.18306	1.18306
cg12598870	NELL1;NELL1	0.0156921	0.00591745	0.246706	-4.05341	0.0740524	0.470723	-2.12439	0.0203813	0.342415	-2.92043	0.0232073	0.35383	-2.82621	0.0064206	0.25236	-3.96259
cg17371081	NELL1;NELL1	0.018583	0.122731	1.38531	1.38531	0.0613706	1.508	1.508	0.0138179	1.80943	1.80943	0.0185376	1.74454	1.74454	0.591476	1.11136	1.11136
cg11924499	NELL1;NELL1	0.0209011	0.0200513	0.258918	-3.86223	0.00241057	0.130618	-7.65594	0.00797616	0.194401	-5.14401	0.179131	0.502936	-1.98832	0.011723	0.219486	-4.55611
cg01461552	NELL1;NELL1	0.021682	0.0256203	4.2724	4.2724	0.187971	2.1471	2.1471	0.457777	1.51303	1.51303	0.951396	0.967167	-1.03395	0.0593082	0.311605	-3.20919
cg10964385	NELL1;NELL1	0.024588	0.546914	1.29282	1.29282	0.102716	2.12163	2.12163	0.0171928	0.294314	-3.39774	0.0123748	0.269325	-3.71299	0.0860286	0.449691	-2.22375
cg22769941	NELL1;NELL1	0.0353514	0.170714	0.272375	-3.67141	0.877962	0.873116	-1.14532	0.496882	0.543106	-1.84126	0.350496	0.426471	-2.34483	?	?	?
cg19241619	NELL1;NELL1	0.0403183	0.30856	0.676094	-1.47908	0.341253	1.43941	1.43941	0.00520836	0.254283	-3.93263	0.0135822	0.321668	-3.10879	0.0456552	0.426951	-2.34219
cg23549358	NELL1;NELL1	0.0405983	0.186463	2.43803	2.43803	0.0740244	3.54986	3.54986	0.645842	1.34237	1.34237	0.0941924	0.310102	-3.22475	0.0806392	0.291453	-3.43109
cg01563031	NELL1;NELL1	0.049782	0.226858	1.71034	1.71034	0.953623	0.976462	-1.02411	0.0133303	0.232206	-4.30653	?	?	?	0.540568	1.29145	1.29145
cg17202013	NELL2	0.0105342	0.835146	0.921792	-1.08484	0.498356	0.764439	-1.30815	0.662694	0.842384	-1.18711	0.0087091	0.270815	-3.69256	0.0481653	0.413745	-2.41695
cg11969830	NELL2;NELL2	0.00114039	0.0112668	1.92329	1.92329	0.000205855	0.277768	-3.60012	0.000887533	0.358453	-2.78977	0.877164	0.968635	-1.03238	0.405547	0.839186	-1.19163
cg06836032	NELL2;NELL2	0.0026001	0.31069	0.798726	-1.25199	0.0077428	0.48054	-2.08099	0.0230225	0.558515	-1.79046	0.0243813	0.562844	-1.77669	0.00585024	0.461616	-2.1663
cg21516341	NELL2;NELL2;NELL2;NELL2;NELL2	1.32E-05	0.00518932	1.504	1.504	0.00162235	1.64825	1.64825	1.73E-06	3.75434	3.75434	0.0940498	1.22588	1.22588	0.847232	0.978889	-1.02157
cg22695707	NELL2;NELL2;NELL2;NELL2;NELL2	0.000811501	0.0158257	1.60879	1.60879	0.000789848	0.442252	-2.26115	?	?	?	0.710972	0.941887	-1.0617	0.0282569	0.659257	-1.51686
cg22932815	NELL2;NELL2;NELL2;NELL2;NELL2	0.000844442	0.107825	1.74433	1.74433	0.258976	1.45269	1.45269	0.98819	0.995318	-1.0047	9.41E-06	0.0482607	-20.7208	0.454024	0.785193	-1.27357
cg05767035	NELL2;NELL2;NELL2;NELL2;NELL2	0.00174372	0.0255758	0.401386	-2.49137	0.00134872	0.20143	-4.9645	0.000621156	0.163309	-6.12336	0.0160014	0.362471	-2.75884	0.00102178	0.187176	-5.34257
cg08826184	NELL2;NELL2;NELL2;NELL2;NELL2	0.00256822	0.014421	0.35422	-2.8231	0.00336058	0.253294	-3.94799	0.00781643	0.30879	-3.23844	0.143263	0.58194	-1.71839	0.000415104	0.145478	-6.87391
cg02756106	NELL2;NELL2;NELL2;NELL2;NELL2	0.00712926	0.500347	1.0796	1.0796	0.0451064	0.773071	-1.29354	0.577756	0.938984	-1.06498	0.00167468	1.65378	1.65378	0.00447844	1.52855	1.52855
cg16845486	NELL2;NELL2;NELL2;NELL2;NELL2	0.00932052	0.000328758	0.0224504	-44.5426	?	?	?	0.04866	4.36552	4.36552	0.616623	1.39143	1.39143	0.295683	0.491807	-2.03332
cg23185921	NELL2;NELL2;NELL2;NELL2;NELL2	0.0194036	0.586904	1.23365	1.23365	0.936074	1.03118	1.03118	0.00175211	5.51258	5.51258	0.0685323	0.458197	-2.18247	0.254014	1.57761	1.57761
cg04685534	NELL2;NELL2;NELL2;NELL2;NELL2	0.0240499	0.756393	1.04957	1.04957	0.219286	1.22244	1.22244	0.924827	1.01478	1.01478	0.242317	1.20955	1.20955	0.0540982	0.711854	-1.40478

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22727581	0.0126325	0.536898	-1.86255	0.999957	0.999989	-1.00001	0.000223282	3.42946	3.42946	0.197062	0.760668	-1.31463	10.4894	6.68465	0.566471	1
cg06999323	0.0470353	2.0684	2.0684	0.0357341	0.457777	-2.18447	0.00273312	3.75294	3.75294	0.296333	1.41372	1.41372	4.79505	7.76392	1.43925	1
cg13266631	0.83213	0.939089	-1.06486	0.327388	0.741315	-1.34895	0.00180497	3.72067	3.72067	0.0257495	2.1904	2.1904	4.51346	6.26581	1.234	1
cg22978087	0.0155723	0.653988	-1.52908	0.253477	0.843043	-1.18618	0.000252265	2.37235	2.37235	0.356441	0.873026	-1.14544	10.7663	3.49485	0.288542	1
cg24032666	0.172917	0.735785	-1.35909	0.480196	0.859145	-1.16395	0.000957616	2.8315	2.8315	0.26684	1.27727	1.27727	7.64788	5.42046	0.630003	1
cg26330518	0.00283769	3.46811	3.46811	9.59E-05	0.122358	-8.17273	4.22E-05	10.5653	10.5653	0.00987162	0.372799	-2.68241	41.9646	60.8647	1.28923	1
cg18898125	0.0199058	3.0107	3.0107	0.00454518	0.227084	-4.40366	0.00035662	9.46426	9.46426	0.0132946	0.30027	-3.33034	31.3246	76.3064	2.16532	1
cg07502389	0.0017877	1.44554	1.44554	0.0318779	0.811816	-1.23181	6.20E-11	38.1686	38.1686	0.0132244	0.77524	-1.28992	246.323	26.8095	0.0967458	1
cg09234518	0.00837753	1.98578	1.98578	0.000648025	0.344579	-2.90209	7.22E-09	136.503	136.503	0.450388	0.855019	-1.16956	79.715	52.3668	0.583934	1
cg23290344	0.182993	1.43348	1.43348	0.00365196	0.36716	-2.72361	8.79E-09	403.849	403.849	0.557616	1.16315	1.16315	75.788	77.9588	0.91435	1
cg02761376	0.0386363	0.75227	-1.32931	0.0345315	0.746049	-1.34039	1.85E-08	12.7739	12.7739	0.389551	1.11048	1.11048	60.3966	13.5105	0.198841	1
cg16459364	0.000405865	3.81666	3.81666	0.0839377	0.633963	-1.57738	6.67E-08	76.6242	76.6242	0.314276	0.780353	-1.28147	49.2143	44.2691	0.799572	1
cg07552803	0.073812	2.3473	2.3473	0.0861	0.443958	-2.25247	5.36E-06	82.4888	82.4888	0.296626	1.58938	1.58938	14.2264	41.3077	2.58098	1
cg02106941	0.0772631	0.675435	-1.48053	0.0560619	0.649015	-1.5408	0.000365756	3.12828	3.12828	0.0101774	0.523411	-1.91054	9.22909	5.83322	0.56182	1
cg19677607	0.549707	0.889153	-1.12467	0.0802689	0.68616	-1.45739	0.786693	1.05406	1.05406	0.000370733	3.02196	3.02196	8.95082	5.34118	0.530422	1
cg12026749	0.250933	0.773737	-1.29243	0.0942756	0.674783	-1.48196	0.000261803	3.60857	3.60857	0.720647	0.926088	-1.07981	8.65233	6.26644	0.643776	1
cg22562942	0.376929	1.10872	1.10872	0.00162205	0.59798	-1.6723	0.91789	0.988331	-1.01181	0.656675	1.05224	1.05224	4.4121	0.905408	0.182409	1
cg20585869	?	?	?	0.0537149	0.168042	-5.9509	0.410235	0.528447	-1.89234	0.426379	0.540903	-1.84876	5.7834	26.0123	4.49776	1
cg27475652	0.905697	1.05117	1.05117	0.0137804	0.27747	-3.60399	0.17686	0.546354	-1.83031	0.771811	0.884751	-1.13026	3.41283	9.58439	2.4963	1
cg18267374	0.410886	1.23063	1.23063	0.267755	0.752084	-1.32964	3.45E-07	38.0943	38.0943	0.798782	0.938903	-1.06507	28.3757	27.3715	0.85743	1
cg21284376	0.231139	0.90783	-1.10153	0.000210671	1.61129	1.61129	0.00137716	1.42938	1.42938	0.248726	0.911357	-1.09727	13.315	1.24984	0.0834374	1
cg24940889	0.96629	1.00924	1.00924	0.924168	0.979488	-1.02094	0.161238	1.38501	1.38501	0.00224946	0.394179	-2.53692	12.5247	9.39988	0.66712	1
cg17027033	0.125601	1.14858	1.14858	0.0330644	1.23155	1.23155	0.0562624	1.19801	1.19801	0.000757742	0.652687	-1.53213	10.316	1.1411	0.0983239	1
cg01957189	0.247424	1.3579	1.3579	0.0400395	1.84049	1.84049	0.973228	1.00847	1.00847	0.231948	1.37343	1.37343	10.6625	10.4364	0.761288	1
cg19831197	0.133728	0.661799	-1.51103	0.484886	0.83431	-1.1986	0.00278755	2.86363	2.86363	0.0962042	0.627364	-1.59397	6.12553	6.3195	0.917035	1
cg00836571	0.461605	0.810127	-1.23437	0.209214	0.689443	-1.45045	0.00017204	6.0085	6.0085	0.406677	0.787823	-1.26932	5.75646	7.19632	1.11123	1
cg05281061	0.0388048	0.77233	-1.29478	0.14227	0.84338	-1.1857	0.00792417	0.692333	-1.44439	0.00570142	0.67606	-1.47916	4.31366	0.79658	0.164146	1
cg27209457	0.0823206	1.60697	1.60697	0.015102	2.0874	2.0874	0.163878	1.44217	1.44217	0.993823	0.998094	-1.00191	3.56531	3.43009	0.855176	1
cg02319990	0.0208816	0.156675	-6.38264	0.424677	1.72217	1.72217	0.0267675	0.173854	-5.75196	0.152159	0.359609	-2.78079	3.54301	24.9439	6.25805	1
cg03387238	0.0350892	0.390761	-2.55911	0.0357118	0.392401	-2.54841	0.0291417	0.373819	-2.67509	0.253377	0.633461	-1.57863	4.09232	9.49428	2.06224	1
cg12600197	0.413093	0.858573	-1.16472	0.0412266	0.651075	-1.53592	0.000720002	2.55437	2.55437	0.0353352	0.639798	-1.56299	10.6519	5.60225	0.467502	1
cg17155499	0.2289	1.3302	1.3302	0.0021838	2.64123	2.64123	0.118176	1.46719	1.46719	0.547765	0.871575	-1.14735	6.08991	4.92502	0.718859	1
cg13008174	0.0715227	0.538458	-1.85716	0.0884644	0.560939	-1.78273	0.232691	0.680474	-1.46956	0.0124964	0.384467	-2.601	5.8221	8.72508	1.3321	1
cg20207567	0.129837	0.421577	-2.37205	0.00284209	0.11433	-8.74663	0.00292303	0.115542	-8.65486	0.0449354	0.296768	-3.36964	5.36596	23.68	3.92266	1
cg05267444	0.0125904	0.597893	-1.67254	0.534742	0.901027	-1.10984	0.938516	0.987293	-1.01287	0.00393036	0.525574	-1.90268	5.14661	2.23999	0.386877	1
cg08325212	0.646831	1.07887	1.07887	0.0751588	0.721754	-1.38551	0.000873117	0.439738	-2.27408	0.696922	1.06653	1.06653	4.01786	1.72314	0.381218	1
cg11908155	0.0909111	0.70592	-1.41659	0.654831	1.08779	1.08779	0.75293	1.06083	1.06083	0.522284	0.885798	-1.12892	3.54419	1.96282	0.492278	1
cg20281583	0.147582	0.642526	-1.55636	2.33E-06	0.0377859	-26.4649	0.00354525	0.324592	-3.08079	0.0028599	0.310874	-3.21673	28.6808	36.8161	1.14102	1
cg14022913	0.0652061	0.475411	-2.10344	1.56E-05	0.0404403	-24.7278	0.011165	0.319044	-3.13437	5.25E-05	0.0662055	-15.1045	26.9755	55.1252	1.81647	1
cg22833147	0.0615669	0.270391	-3.69835	0.0154277	6.50329	6.50329	0.395119	1.7038	1.7038	0.00548988	10.2476	10.2476	7.14594	36.5972	4.48122	1
cg09814128	0.0266459	0.680936	-1.46857	0.000609459	0.461813	-2.16538	0.458459	1.11677	1.11677	0.965926	1.00627	1.00627	5.66253	1.91921	0.301273	1
cg09475757	0.153018	0.721135	-1.3867	0.677147	0.914432	-1.09358	0.279085	0.786301	-1.27178	0.000761976	2.97345	2.97345	4.44302	3.2116	0.642526	1
cg05110629	0.00888474	0.78287	-1.27735	1.18E-05	1.97771	1.97771	0.0861429	0.869878	-1.14959	0.000563171	1.48147	1.48147	74.8438	6.4067	0.0760898	1
cg18344397	0.000549971	0.286225	-3.49376	0.498799	0.852071	-1.17361	0.67923	0.907605	-1.1018	0.0722574	0.626436	-1.59633	13.1697	11.3377	0.765238	1
cg02998883	0.971172	0.98614	-1.01405	0.890277	0.948089	-1.05475	0.911719	0.958072	-1.04376	0.000631114	0.131511	-7.60393	5.50166	12.9962	2.09977	1
cg10573181	0.361992	0.867335	-1.15296	0.47961	1.11535	1.11535	0.898337	0.980771	-1.01961	0.0576659	1.38549	1.38549	5.37737	1.96513	0.324839	1
cg22172309	0.0716988	0.400218	-2.49864	0.0251152	0.29726	-3.36406	0.529165	1.33685	1.33685	0.0353998	0.327742	-3.05118	4.77656	15.6881	2.91946	1
cg27158490	0.514796	1.27084	1.27084	0.00502291	0.260086	-3.84488	0.418122	0.740651	-1.35016	0.175719	0.593073	-1.68613	3.54649	7.39544	1.85359	1
cg03687177	0.066022	1.44693	1.44693	0.0200129	0.604814	-1.6534	0.187045	0.778395	-1.2847	0.267992	1.22961	1.22961	3.54238	1.80041	0.451776	1
cg17191919	0.467438	1.18214	1.18214	0.098529	0.663659	-1.5068	0.0816097	0.646122	-1.54769	0.827934	1.05049	1.05049	28.5915	23.19	0.72096	1
cg01056889	0.000535177	0.0993364	-10.0668	0.9733	0.985759	-1.01445	0.426075	1.41668	1.41668	0.584559	0.789289	-1.26696	28.3641	82.5124	2.58582	1
cg22415969	0.17145	1.2941	1.2941	0.715113	1.06706	1.06706	0.17983	1.28691	1.28691	0.447496	1.14693	1.14693	23.3991	11.6199	0.441419	1
cg17918906	0.36394	0.806817	-1.23944	3.05E-06	0.0777311	-12.8649	0.674324	1.10213	1.10213	0.209115	0.737412	-1.35609	17.812	14.9333	0.745233	1
cg09642369	0.0604834	0.717018	-1.39466	1.14E-05	0.231463	-4.32035	0.909638	0.982317	-1.018	0.000717682	0.445244	-2.24596	15.8342	6.1931	0.347663	1
cg05435286	0.165776	0.572961	-1.74532	0.579227	0.809727	-1.23498	0.810535	1.09472	1.09472	0.9958	0.998019	-1.00199	9.78629	22.0061	1.99881	1
cg06099784	0.734954	1.15054	1.15054	8.06E-05	0.0389438	-25.6781	0.900481	0.949702	-1.05296	0.0187555	0.297799	-3.35797	9.60979	25.3483	2.05159	1
cg22905350	0.00206731	2.81438	2.81438	0.0510672	1.69892	1.69892	0.0794263	1.59107	1.59107	0.792599	0.93908	-1.06487	6.9187	6.23426	0.800955	1
cg03776495	0.0443256	1.47203	1.47203	0.313897	1.19046	1.19046	0.230628	0.810178	-1.2343	0.0459193	0.681833	-1.46663	3.53899	1.57044	0.394447	1
cg16136957	0.829687	1.04049	1.04049	0.250836	0.801648	-1.24743	0.193538	0.776078	-1.28853	0.826955	1.04117	1.04117	3.41156	1.83447	0.477976	1
cg04534198	0.07777	0.875744	-1.14189	7.25E-06	0.469519	-2.12984	0.0916735	1.13373	1.13373	0.904122	0.992008	-1.00806	28.7548	1.97632	0.0534569	1
cg26346167	0.000155505	0.174814	-5.72037	0.00166165	0.297739	-3.35865	0.46123	0.817106	-1.22383	0.00118143	0.277761	-3.60021	16.4428	18.8823	1.02077	1
cg13594837	0.0356101	0.591104	-1.69175	0.410335	0.834454	-1.19839	0.995275	0.998728	-1.00127	0.0138628	0.520161	-1.92248	4.02867	2.94812	0.650476	1
cg15831905	0.075231	0.394632	-2.53401	0.00100956	0.101264	-9.87515	0.0196572	0.266375	-3.75411	0.0174269	0.256999	-3.89106	8.06425	28.1391	3.10166	1
cg27065979	0.024904	1.36577	1.36577	0.729787	0.960316	-1.04132	0.0451847	1.30781	1.30781	0.0253627	0.733166	-1.36395	59.5415	12.8603	0.19199	1
cg06906869	0.00164483	2.25311	2.25311	0.00423917	0.501604	-1.99361	0.54748	1.11596	1.11596	0.554155	1.11388	1.11388	34.1268	17.5582	0.457333	1
cg15731669	0.0500959	0.537143	-1.8617	0.000361315	5.40629	5.40629	0.00273931	3.28073	3.28073	0.0526401	1.8453	1.8453	17.6432	20.3161	0.895609	1
cg22056112	0.985642	0.996908	-1.0031	1.88E-05	0.223561	-4.47305	0.279799	1.21329	1.21329	0.400524	0.862365	-1.1596	10.4483	4.89971	0.416844	1
cg12277225	0.932232	0.978206	-1.02228	0.500605	0.837673	-1.19378	0.0673205	0.587913	-1.70093	0.23894	0.726483	-1.37649	6.76265	7.18957	0.945003	1
cg00595898	0.741195	0.913637	-1.09453	0.0394669	1.91389	1.91389	0.0317034	1.98634	1.98634	0.486154	1.2127	1.2127	6.16698	7.25371	1.04553	1
cg12861503	0.0280731	0.430024	-2.32545	0.00568704	0.307309	-3.25405	0.0144284	0.375009	-2.6666	0.260769	0.682806	-1.46454	5.6324	9.43961	1.48973	1
cg01345727	0.673121	1.19031	1.19031	0.369913	0.68519	-1.45945	0.18361	0.560331	-1.78466	0.346439	0.671608	-1.48896	3.80783	10.1662	2.37318	1
cg27294008	0.117154	1.56142	1.56142	0.000139097	5.60263	5.60263	0.000394491	4.38294	4.38294	0.00188664	3.1687	3.1687	13.8737	15.0609	0.964951	1
cg03143060	0.465748	1.14789	1.14789	0.565466	0.897668	-1.114	0.00122153	0.415121	-2.40894	0.0281203	0.617643	-1.61906	8.66366	4.7373	0.486045	1
cg02636488	0.0124918	0.427771	-2.3377	0.0024963	0.31728	-3.15179	0.00475187	2.7857	2.7857	0.173104	0.672935	-1.48603	6.20961	7.34262	1.05108	1
cg18487916	0.0249713	3.96155	3.96155	0.000607183	15.2877	15.2877	0.00687328	6.08654	6.08654	0.0165428	4.53072	4.53072	5.77245	24.3473	3.7492	1
cg10699675	0.144216	1.36955	1.36955	0.127842	0.718906	-1.391	0.760712	1.06315	1.06315	0.163839	1.34696	1.34696	4.89965	3.11859	0.56577	1
cg18615369	0.190226	0.687417	-1.45472	0.000738341	0.250332	-3.99469	0.945986	1.01847	1.01847	0.0210165	0.472349	-2.11708	9.48293	10.9634	1.02767	1
cg23839631	0.0507621	0.764176	-1.3086	0.000156097	0.457376	-2.18638	0.178436	1.18859	1.18859	0.92364	1.01165	1.01165	8.63657	1.99746	0.205582	1
cg20510745	0.734054	1.08415	1.08415	0.0447441	0.579307	-1.7262	0.106993	1.51729	1.51729	0.622977	0.889218	-1.12458	6.86398	6.10321	0.790368	1
cg18057513	0.0318114	2.41618	2.41618	0.401228	0.739904	-1.35153	0.0132678	2.93283	2.93283	0.0365174	2.34447	2.34447	6.37662	12.414	1.73049	1
cg09853514	0.00582896	0.46447	-2.15299	0.0498659	0.621836	-1.60814	0.389708	0.829265	-1.20589	0.250366	1.29062	1.29062	5.6917	4.06669	0.635106	1
cg14466075	0.0906494	0.712325	-1.40385	0.265907	0.809809	-1.23486	0.167961	0.765366	-1.30656	0.00982512	0.552172	-1.81103	5.18311	2.71822	0.466167	1
cg20559216	0.0951204	0.658887	-1.51771	0.000725379	0.310552	-3.22007	0.0593298	0.616131	-1.62303	0.357583	0.806349	-1.24016	4.63868	3.80228	0.728613	1
cg17240198	0.0716414	0.255901	-3.90776	0.00293944	0.0628075	-15.9217	0.0213869	0.153566	-6.51188	0.0469824	0.214231	-4.66787	4.43553	32.2556	6.46408	1
cg15721359	0.256807	1.45513	1.45513	0.289216	1.41716	1.41716	0.39691	0.759631	-1.31643	0.10773	0.573336	-1.74418	3.84341	6.11387	1.41399	1
cg14082739	8.43E-05	0.221745	-4.50969	1.44E-05	0.146116	-6.84387	0.730678	1.07638	1.07638	0.000131261	0.24321	-4.11167	36.0845	25.9315	0.638783	1
cg13512951	0.275585	0.813742	-1.22889	3.06E-05	0.227698	-4.39179	0.236172	1.25304	1.25304	0.0500059	0.666217	-1.50101	13.3153	6.96379	0.464881	1
cg13487666	0.163609	0.429256	-2.32961	0.000905855	0.0593914	-16.8375	0.0204861	0.204262	-4.89568	0.0313214	0.237671	-4.2075	5.93609	30.4228	4.55561	1
cg13866149	0.13659	1.43424	1.43424	0.0214726	0.537296	-1.86117	0.664883	1.10297	1.10297	0.0508981	0.606462	-1.64891	4.07027	3.25972	0.711876	1
cg14285539	0.925489	1.04654	1.04654	0.0292316	0.286734	-3.48755	0.0141264	0.229303	-4.36103	0.525928	0.731613	-1.36684	3.67391	13.7581	3.32873	1
cg21468416	0.111973	0.769338	-1.29982	0.000362134	0.420521	-2.378	0.00665694	0.586558	-1.70486	0.896399	1.01993	1.01993	8.23622	2.9943	0.323157	1
cg25706135	0.0291671	0.532466	-1.87806	0.0687149	0.606798	-1.64799	0.531951	0.856217	-1.16793	0.00015945	0.205499	-4.86621	13.2991	12.6629	0.846363	1
cg09321965	0.000143536	2.29492	2.29492	0.000375298	2.05646	2.05646	0.109665	0.801635	-1.24745	0.00429828	1.62271	1.62271	11.1604	2.84101	0.226278	1
cg19433037	0.000755158	1.67331	1.67331	0.534908	1.06538	1.06538	0.0139129	1.35828	1.35828	0.167152	0.862072	-1.16	10.7408	1.72785	0.142993	1
cg17825185	0.862931	1.02516	1.02516	0.0278695	1.45312	1.45312	0.495028	1.10477	1.10477	0.00230417	0.542009	-1.84499	9.64525	3.15891	0.291119	1
cg15136687	0.287106	0.785331	-1.27335	0.00392024	0.427956	-2.33669	0.891241	0.970533	-1.03036	0.0585781	0.626794	-1.59542	5.18596	3.92572	0.672881	1
cg23237225	0.0731453	1.81976	1.81976	0.249882	0.697504	-1.43368	0.475184	1.24302	1.24302	0.294852	1.38468	1.38468	4.75579	6.76013	1.26351	1
cg09372617	0.615305	1.07779	1.07779	0.00518324	1.72565	1.72565	0.815332	0.966	-1.0352	0.182672	0.81132	-1.23256	4.68948	1.62368	0.307769	1
cg21870244	0.156776	1.21448	1.21448	0.00449451	0.615105	-1.62574	0.232422	0.851574	-1.1743	0.168854	1.20694	1.20694	3.80761	0.992682	0.231742	1
cg23251678	0.584988	0.928437	-1.07708	0.236422	1.1818	1.1818	0.0844239	0.773361	-1.29306	0.0687667	0.760132	-1.31556	3.48343	1.00018	0.255222	1
cg20439633	0.476406	0.751074	-1.33143	0.306221	1.52013	1.52013	0.000849157	0.137732	-7.26048	0.061784	2.29702	2.29702	7.60311	18.8194	2.2002	1
cg00194207	0.430033	0.875138	-1.14268	0.195827	0.797322	-1.2542	0.527491	1.11182	1.11182	0.00279936	1.97791	1.97791	4.89429	2.12508	0.385952	1
cg01992424	0.295794	0.89493	-1.11741	0.523052	1.06852	1.06852	5.37E-05	0.462324	-2.16299	0.271899	1.12424	1.12424	14.2399	2.3646	0.147604	1
cg17261830	0.472977	1.10573	1.10573	0.303688	0.863566	-1.15799	0.118163	1.26314	1.26314	0.403404	1.12494	1.12494	4.05942	1.21892	0.266907	1
cg09944325	0.03802	2.05783	2.05783	0.038687	0.487528	-2.05117	0.860379	0.948547	-1.05424	0.391862	1.30109	1.30109	3.84007	5.47501	1.26734	1
cg05343811	0.424414	0.431976	-2.31494	0.0706405	0.1251	-7.99358	0.512941	1.97928	1.97928	0.06903	0.123264	-8.11269	3.64047	61.0416	14.9045	1
cg11748936	0.229061	1.07895	1.07895	0.00307384	1.27634	1.27634	0.0895952	1.11927	1.11927	0.0177178	1.18962	1.18962	6.51699	0.374114	0.0510275	1
cg07772309	0.00994905	0.228393	-4.37842	?	?	?	0.0193184	0.277106	-3.60873	?	?	?	11.1817	28.3398	2.89656	1
cg12883878	0.00617937	0.542287	-1.84404	0.00107202	0.436896	-2.28888	0.00145749	0.454822	-2.19866	0.756742	1.05469	1.05469	8.29707	3.85885	0.413409	1
cg01970325	0.0465721	0.577426	-1.73182	0.221319	1.36311	1.36311	0.193989	0.718114	-1.39254	0.303434	1.29283	1.29283	7.68793	7.06925	0.817357	1
cg02923047	0.367776	1.20354	1.20354	0.0107279	0.526187	-1.90047	0.00293141	0.441168	-2.26671	0.998363	1.00041	1.00041	7.18115	4.56105	0.56457	1
cg14384158	0.0720786	6.95045	6.95045	0.00139078	87.7152	87.7152	0.00975039	23.4917	23.4917	0.0429629	9.48217	9.48217	4.77355	70.5085	13.1295	1
cg00537820	0.0597331	0.472025	-2.11853	0.0296805	0.404787	-2.47044	0.213361	0.629376	-1.58888	0.0343795	0.418109	-2.39172	4.76562	9.42383	1.75774	1
cg13829189	0.923646	0.987505	-1.01265	0.0428936	0.736647	-1.3575	0.0590726	0.756104	-1.32257	0.0386316	1.36913	1.36913	3.39743	0.925717	0.2422	1
cg14029453	0.451981	0.850359	-1.17597	0.0888438	1.48738	1.48738	0.235719	0.768844	-1.30065	0.275602	0.786685	-1.27116	4.31869	3.06077	0.62998	1
cg04261192	0.223893	0.781232	-1.28003	0.993284	0.998375	-1.00163	0.617846	1.10206	1.10206	0.864199	0.967466	-1.03363	16.5132	9.76372	0.52557	1
cg06873316	0.00061832	1.96355	1.96355	0.159348	0.824835	-1.21236	0.000499603	2.00823	2.00823	0.00418075	1.63459	1.63459	14.8697	3.86137	0.230827	1
cg20632462	0.00457116	0.271294	-3.68604	0.257068	0.664545	-1.50479	0.0131006	0.34539	-2.89527	0.00859052	0.314116	-3.18354	9.1912	17.3748	1.68033	1
cg20764116	0.698764	0.887669	-1.12655	0.00031602	0.167282	-5.97792	0.228723	1.47266	1.47266	0.0296158	0.456269	-2.19169	7.69363	11.4403	1.32177	1
cg22307471	0.0286143	0.500229	-1.99909	0.290282	1.34232	1.34232	0.094637	0.610924	-1.63687	0.0131191	0.438165	-2.28224	6.40747	7.30188	1.01297	1
cg12598870	0.0532432	0.434408	-2.30198	0.00272072	0.197044	-5.07501	0.216952	0.614325	-1.6278	0.0186451	0.334752	-2.98728	5.72613	12.2941	1.6699	1
cg17371081	0.0534668	1.53339	1.53339	0.0940879	1.43153	1.43153	0.000941157	2.61566	2.61566	0.0631699	1.50272	1.50272	4.82306	2.90132	0.534713	1
cg11924499	0.362096	0.636895	-1.57012	0.0483755	0.337468	-2.96325	0.0705444	0.377822	-2.64675	0.207491	0.527222	-1.89673	4.63449	17.0243	3.26524	1
cg01461552	0.0108081	0.173183	-5.77425	0.0119186	0.179305	-5.5771	0.330033	1.73413	1.73413	0.913184	1.06155	1.06155	4.57673	21.7421	4.22273	1
cg10964385	0.0412397	0.370829	-2.69666	0.870665	0.933656	-1.07106	0.0932076	2.17709	2.17709	0.418886	1.4162	1.4162	4.38246	12.3193	2.4987	1
cg22769941	?	?	?	0.0145852	15.5842	15.5842	0.0443907	8.03364	8.03364	0.0213168	12.3775	12.3775	4.36253	41.0105	9.40063	1
cg19241619	0.840031	1.07795	1.07795	0.049035	0.43404	-2.30393	0.655062	0.846194	-1.18176	0.226776	0.624168	-1.60213	3.6724	8.02322	1.94199	1
cg23549358	0.250192	2.14817	2.14817	0.0220311	0.174202	-5.74047	0.0398194	4.53662	4.53662	0.967581	0.974471	-1.0262	3.66303	23.4899	5.70018	1
cg01563031	0.260222	0.60984	-1.63977	?	?	?	0.234603	1.69286	1.69286	0.0194435	0.266808	-3.74801	4.88673	9.26524	1.35429	1
cg17202013	0.125568	1.91138	1.91138	0.00241512	0.191833	-5.21287	0.446113	1.35459	1.35459	0.00409606	0.221971	-4.50508	5.81286	14.0594	2.14992	1
cg11969830	0.625533	0.903634	-1.10664	0.00845047	1.99929	1.99929	0.667383	1.09316	1.09316	0.0926123	0.682979	-1.46417	11.3353	7.62029	0.597567	1
cg06836032	0.874733	0.966763	-1.03438	9.57E-05	0.225842	-4.42788	0.990552	1.00254	1.00254	0.00915079	0.492022	-2.03243	8.92819	6.49094	0.646237	1
cg21516341	0.0143601	0.716138	-1.39638	1.24E-05	0.361158	-2.76887	0.00549318	0.667744	-1.49758	0.141688	1.19101	1.19101	37.7162	7.31025	0.172287	1
cg22695707	0.62858	0.924589	-1.08156	0.000696781	0.43516	-2.29801	0.00470386	1.82984	1.82984	0.0112018	0.599752	-1.66736	12.7805	4.65536	0.364254	1
cg22932815	0.942705	0.977468	-1.02305	0.314999	0.719327	-1.39019	0.75641	1.10369	1.10369	0.32866	0.726386	-1.37668	12.3427	19.6527	1.41534	1
cg05767035	0.00478536	0.27565	-3.62779	0.00118582	0.194735	-5.13517	0.211204	0.635529	-1.57349	0.00682651	0.299413	-3.33987	10.0338	18.8189	1.66717	1
cg08826184	0.00851047	0.314824	-3.17638	0.000735081	0.171102	-5.84447	0.277689	0.678049	-1.47482	0.0111516	0.334574	-2.98888	8.96072	16.8113	1.66765	1
cg02756106	0.14852	0.840724	-1.18945	0.035334	0.760047	-1.31571	0.357454	1.11177	1.11177	0.514057	0.928594	-1.0769	6.57746	1.30567	0.17645	1
cg16845486	0.215198	0.425807	-2.34848	0.85831	1.12406	1.12406	0.544482	1.49396	1.49396	0.535744	1.50742	1.50742	6.1667	37.1813	6.02937	1
cg23185921	0.357939	0.696391	-1.43597	0.678684	0.852616	-1.17286	0.263889	0.64034	-1.56167	0.0191325	0.337816	-2.96019	4.75313	11.0283	2.06241	1
cg04685534	0.165324	1.25869	1.25869	0.00936371	1.66913	1.66913	0.0367817	1.45811	1.45811	0.0045899	1.79791	1.79791	4.41622	1.69061	0.340283	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12112221	NELL2;NELL2;NELL2;NELL2;NELL2	0.0359772	0.00568396	2.04623	2.04623	0.567749	1.12074	1.12074	0.672637	0.919536	-1.0875	0.963198	0.990934	-1.00915	0.0100879	1.89798	1.89798
cg22773093	NELL2;NELL2;NELL2;NELL2;NELL2	0.0402181	0.342866	0.795071	-1.25775	0.00772446	2.23237	2.23237	0.0602054	1.6445	1.6445	0.111204	1.50259	1.50259	0.134453	0.684724	-1.46044
cg06834431	NELL2;NELL2;NELL2;NELL2;NELL2	0.0418789	0.132328	0.667675	-1.49773	0.590981	1.14446	1.14446	0.0623504	1.68504	1.68504	0.722576	1.09271	1.09271	0.373781	0.796859	-1.25493
cg01920578	NELL2;NELL2;NELL2;NELL2;NELL2;NELL2	0.000159735	0.0367506	1.21244	1.21244	0.351545	0.926706	-1.07909	0.0171665	1.25932	1.25932	0.212783	1.1098	1.1098	0.131637	1.13793	1.13793
cg19267325	NELL2;NELL2;NELL2;NELL2;NELL2;NELL2;NELL2	0.0267644	0.895957	1.02552	1.02552	0.0683748	1.48155	1.48155	0.0253801	1.66851	1.66851	0.594446	0.901658	-1.10907	0.375848	0.839389	-1.19134
cg17234305	NELL2;NELL2;NELL2;NELL2;NELL2;NELL2;NELL2	0.0374151	0.00186123	0.393091	-2.54394	0.0719777	1.52921	1.52921	0.463608	1.17089	1.17089	0.314062	0.802375	-1.2463	0.206453	0.754423	-1.32552
cg02901139	NENF;NENF	0.000537364	9.13E-05	0.200207	-4.99484	0.143884	0.69682	-1.43509	0.00162037	0.35367	-2.82749	0.00821398	0.459372	-2.17689	0.0175543	0.514351	-1.9442
cg11836829	NENF;NENF	0.0125971	0.0078174	0.397272	-2.51717	0.896508	1.03581	1.03581	0.00212941	0.311262	-3.21273	0.0748629	0.584827	-1.70991	0.00417319	0.354175	-2.82346
cg00327516	NENF;NENF	0.0243363	0.011781	0.576916	-1.73336	0.3546	1.1812	1.1812	0.387085	1.16769	1.16769	0.0635966	0.694405	-1.44008	0.322192	0.83625	-1.19581
cg20805880	NEO1	0.000769156	0.99045	0.997855	-1.00215	0.00386167	0.497325	-2.01076	0.012179	0.570862	-1.75174	0.0282448	1.59177	1.59177	0.00278735	2.09535	2.09535
cg11357013	NEO1	0.00113371	0.501843	0.856011	-1.16821	0.00110193	0.333765	-2.99612	0.149361	0.702838	-1.4228	0.136483	0.693561	-1.44183	7.81E-05	0.195861	-5.10565
cg17150474	NEO1	0.00159292	0.00251221	0.436036	-2.29339	0.28546	1.24535	1.24535	0.167395	1.33786	1.33786	0.0541164	1.54085	1.54085	0.208542	1.2998	1.2998
cg07898632	NEO1	0.00183238	0.0774446	1.28689	1.28689	0.0301507	1.3877	1.3877	0.485683	1.09531	1.09531	0.845127	1.02545	1.02545	0.00211703	0.573935	-1.74236
cg18593232	NEO1	0.0033595	0.316722	1.15664	1.15664	0.00397965	0.580237	-1.72343	0.0628507	0.745094	-1.34211	0.132893	1.25602	1.25602	0.688359	0.944894	-1.05832
ch.15.1160351	NEO1	0.00813867	0.0638464	0.244536	-4.08938	0.000764247	0.0318417	-31.4053	0.00111224	0.0388636	-25.731	0.0137967	0.127727	-7.82922	0.0854398	0.276529	-3.61626
cg23018039	NEO1	0.0122234	0.42264	1.11025	1.11025	0.206206	1.18562	1.18562	0.150325	1.2176	1.2176	0.00849216	0.651173	-1.53569	0.0188193	0.695307	-1.43821
cg08177743	NEO1	0.0132743	0.094399	0.627875	-1.59267	0.0028634	0.353952	-2.82524	0.36307	1.26695	1.26695	0.134447	0.664629	-1.5046	0.242616	1.36279	1.36279
cg15888301	NEO1	0.0273831	0.192555	0.881086	-1.13496	0.252406	0.896065	-1.11599	0.438939	0.930099	-1.07515	0.137162	1.15832	1.15832	0.978625	1.00246	1.00246
cg10596537	NEO1	0.0274174	0.153376	0.647742	-1.54382	0.303781	1.3533	1.3533	0.52843	0.834082	-1.19892	0.226064	0.696916	-1.43489	0.00102422	0.250907	-3.98554
cg08345626	NEO1	0.0313109	0.843363	1.02396	1.02396	0.0639706	0.779442	-1.28297	0.201289	1.17529	1.17529	0.494285	0.920285	-1.08662	0.73726	1.04112	1.04112
cg04871538	NEO1	0.0333237	0.0331573	0.309607	-3.2299	0.0704153	2.59095	2.59095	0.529766	1.34944	1.34944	0.778006	1.14232	1.14232	0.0433444	0.334872	-2.98622
cg18864399	NEO1	0.0350382	0.98676	1.0018	1.0018	0.0474002	0.781797	-1.2791	0.207712	0.865739	-1.15508	0.820757	1.02493	1.02493	0.62806	0.948398	-1.05441
cg19091474	NEO1	0.0491072	0.0977636	0.792553	-1.26174	0.675092	0.947475	-1.05544	0.265734	1.16001	1.16001	0.138749	1.22625	1.22625	0.112347	1.24762	1.24762
cg21838334	NES	0.00128322	0.000403823	0.14893	-6.71456	0.0162357	0.369613	-2.70553	0.0577109	0.483561	-2.06799	0.00287076	0.249429	-4.00916	0.00264275	0.244487	-4.0902
cg11723801	NES	0.00796912	0.0961326	0.137382	-7.27896	0.00235066	0.00993986	-100.605	0.0709373	0.111717	-8.95121	0.00188332	0.00833729	-119.943	0.0329987	0.0666257	-15.0092
cg12636369	NES	0.0135275	0.00901569	0.268667	-3.72208	0.00511155	0.231187	-4.3255	0.261386	0.628978	-1.58988	0.0483748	0.409465	-2.44221	0.0296779	0.363045	-2.75448
cg06355129	NES	0.02583	0.0210863	0.0783168	-12.7687	0.0023983	0.0205672	-48.6212	0.0438271	0.119157	-8.39229	0.291271	0.365862	-2.73327	0.0320761	0.0997003	-10.0301
cg14637870	NET1	0.00156842	?	?	?	9.91E-05	0.0421468	-23.7266	0.00258974	0.147599	-6.77512	0.64484	0.808392	-1.23702	0.301413	0.612213	-1.63342
cg25112625	NET1	0.0177672	0.115689	0.753765	-1.32667	0.0148236	1.6414	1.6414	0.00492251	1.85116	1.85116	0.675849	0.932847	-1.07199	0.34086	0.850227	-1.17616
cg14420785	NET1	0.0206661	0.888074	0.9648	-1.03648	0.191614	0.703432	-1.4216	0.0476325	0.56191	-1.77964	0.241237	0.731858	-1.36639	0.00591874	0.40007	-2.49956
cg14426660	NET1;NET1	0.0159843	0.00102339	11.67	11.67	0.656223	0.797624	-1.25372	0.0014297	10.2546	10.2546	0.00966816	5.22015	5.22015	0.0129342	4.74544	4.74544
cg25134701	NET1;NET1	0.0075332	0.00491874	0.109918	-9.09773	0.00710966	0.127366	-7.85138	0.00409034	0.101955	-9.80822	0.0217659	0.195522	-5.11451	0.0220129	0.196348	-5.09301
cg13599477	NET1;NET1	0.010813	0.213929	1.71032	1.71032	0.0306357	0.352896	-2.8337	0.0297979	2.85388	2.85388	0.0344633	2.74968	2.74968	0.218517	0.588138	-1.70028
cg27367170	NET1;NET1;NET1	0.020997	0.0517464	2.37019	2.37019	0.030364	0.37076	-2.69716	0.0488208	2.40381	2.40381	0.347767	1.4577	1.4577	0.474242	0.752994	-1.32803
cg18448581	NETO1;NETO1	0.0178483	?	?	?	0.561804	1.40792	1.40792	0.862889	0.904244	-1.1059	0.298829	0.532365	-1.87841	0.367022	1.71904	1.71904
cg03524083	NETO1;NETO1;NETO1	4.25E-07	0.000258091	2.07177	2.07177	0.010753	1.47429	1.47429	0.512237	1.08384	1.08384	9.95E-05	0.433247	-2.30815	9.69E-08	0.122186	-8.18424
cg13861749	NETO1;NETO1;NETO1	0.0234795	0.042854	0.340059	-2.94067	0.030819	0.309259	-3.23353	0.0463831	0.347881	-2.87455	0.0666985	0.386185	-2.58943	0.04058	0.33477	-2.98713
cg01016962	NETO2	0.000124196	0.000229175	0.323665	-3.08961	0.000214467	0.320107	-3.12395	0.000584298	0.375394	-2.66387	0.0145167	0.574073	-1.74194	7.27E-05	0.264257	-3.7842
cg00206281	NETO2	0.000452404	0.003509	0.494263	-2.02322	0.000235746	0.337994	-2.95863	0.00308487	0.486347	-2.05615	0.823947	0.96112	-1.04045	2.62E-05	0.227397	-4.3976
cg25804860	NETO2	0.00804347	0.434124	0.889262	-1.12453	0.757462	0.95547	-1.04661	0.923993	0.986065	-1.01413	0.762313	1.04562	1.04562	0.379109	0.875736	-1.1419
cg05532446	NETO2	0.00916227	0.116797	0.651261	-1.53548	0.54321	0.856519	-1.16752	0.458223	0.826874	-1.20937	0.014218	2.14084	2.14084	0.0170065	0.480746	-2.0801
cg01400516	NETO2	0.0147006	0.325542	1.7089	1.7089	0.00628552	7.82477	7.82477	0.00247089	12.1695	12.1695	?	?	?	?	?	?
cg18867659	NETO2	0.0362913	0.0228102	0.768446	-1.30133	0.709442	0.964463	-1.03685	0.320675	1.10428	1.10428	0.178763	0.871016	-1.14808	0.00309335	0.676136	-1.47899
cg27599329	NETO2	0.0434405	0.274081	0.875871	-1.14172	0.252361	1.1494	1.1494	0.242733	1.153	1.153	0.137117	0.829876	-1.205	0.906758	0.986447	-1.01374
cg06017364	NEU1	9.44E-05	0.680751	0.920048	-1.0869	0.232526	1.28682	1.28682	0.691095	0.922701	-1.08377	0.0653243	1.51698	1.51698	0.833447	0.958473	-1.04333
cg22672830	NEU1	0.000110507	0.000263937	0.209677	-4.76925	0.0939901	0.618833	-1.61594	0.0141423	0.454226	-2.20155	0.156198	1.48491	1.48491	1.11E-05	0.087397	-11.442
cg25387565	NEU1	0.000787303	0.599455	1.09056	1.09056	0.74079	0.947139	-1.05581	0.0545321	1.42879	1.42879	0.0339859	0.667047	-1.49914	1.26E-05	0.222499	-4.49441
cg07603815	NEU1	0.00120429	0.0686345	0.699341	-1.42992	0.00326744	0.494833	-2.02088	0.930988	1.01531	1.01531	0.0331577	1.548	1.548	0.0037332	0.50301	-1.98803
cg19913711	NEU1	0.00184813	0.155276	0.831575	-1.20254	0.00323787	1.6275	1.6275	0.642397	0.944866	-1.05835	0.532831	0.92625	-1.07962	0.13491	0.822454	-1.21587
cg13634177	NEU1	0.00253181	0.810546	1.08487	1.08487	0.250046	1.50342	1.50342	0.810736	1.08478	1.08478	0.00379757	0.265973	-3.75978	0.00059857	0.165884	-6.02831
cg26708476	NEU1	0.00286237	0.89313	0.949147	-1.05358	0.166534	0.563967	-1.77315	0.0091388	0.27646	-3.61716	0.337589	0.681221	-1.46795	0.00413973	0.224754	-4.44931
cg04219580	NEU1	0.00362414	0.0598764	0.660471	-1.51407	0.411934	1.17811	1.17811	0.357742	1.20296	1.20296	0.292177	0.807732	-1.23803	0.000160373	0.283717	-3.52464
cg10054150	NEU1	0.00775309	0.556235	0.910788	-1.09795	0.490288	0.895816	-1.1163	0.00214823	0.508285	-1.9674	0.181203	0.800218	-1.24966	0.0349949	0.679952	-1.47069
cg15065837	NEU1	0.00936664	0.209382	1.2502	1.2502	0.00184088	2.10972	2.10972	0.00666306	1.81156	1.81156	0.556387	0.904466	-1.10562	0.209571	0.799953	-1.25007
cg01620834	NEU1	0.0129238	0.101336	0.573021	-1.74514	0.0792085	0.546147	-1.83101	0.0357759	0.468461	-2.13465	0.800485	1.08177	1.08177	0.00611566	0.329358	-3.03621
cg26710347	NEU1	0.0213138	0.0221748	0.318759	-3.13717	0.0699961	0.429705	-2.32718	0.194849	0.56455	-1.77132	0.38997	1.44381	1.44381	0.0159278	0.29208	-3.42371
cg22999343	NEU1	0.0241927	0.0426381	0.447564	-2.23432	0.0153466	0.358814	-2.78696	0.0851357	0.519091	-1.92644	0.545919	0.810168	-1.23431	0.00393953	0.262885	-3.80394
cg18674618	NEU1	0.0247616	0.910388	1.01266	1.01266	0.00405002	0.649708	-1.53915	0.106945	0.821491	-1.2173	0.0876087	1.23451	1.23451	0.716909	1.04152	1.04152
cg07814977	NEU1	0.0252163	0.00644953	0.377782	-2.64703	0.142339	1.5425	1.5425	0.733358	1.09852	1.09852	0.00289591	0.32455	-3.08119	0.0666539	0.568308	-1.75961
cg23641315	NEU1	0.0271699	0.394026	1.1082	1.1082	0.230025	1.15974	1.15974	0.199125	1.17311	1.17311	0.52235	1.07928	1.07928	0.126057	0.823014	-1.21505
cg22240802	NEU1	0.0282556	0.00115948	0.27331	-3.65885	0.953024	1.01614	1.01614	0.300984	0.747262	-1.33822	0.156085	1.51058	1.51058	0.942706	1.01973	1.01973
cg10503736	NEU1	0.0313815	0.112978	0.600126	-1.66632	0.00152886	0.259188	-3.8582	0.906607	1.03535	1.03535	0.850463	0.945667	-1.05745	0.0127546	0.400155	-2.49903
cg06264879	NEU1	0.0329622	0.583976	0.889834	-1.12381	0.0356901	1.67527	1.67527	0.0120552	0.516433	-1.93636	0.0413165	1.64339	1.64339	0.426483	0.842494	-1.18695
cg13351114	NEU1	0.0360923	0.920407	1.01842	1.01842	0.0258838	1.6209	1.6209	0.938438	0.985995	-1.0142	0.931545	0.984435	-1.01581	0.0182511	0.592627	-1.6874
cg04006397	NEU1	0.0424314	0.106204	0.73499	-1.36056	0.78667	0.953762	-1.04848	0.0498783	0.676841	-1.47745	0.00137369	0.444792	-2.24824	0.137578	0.756486	-1.3219
cg25094081	NEU1	0.0430882	0.95558	0.971415	-1.02943	0.826007	0.891699	-1.12145	0.462794	0.677639	-1.47571	0.810403	1.1333	1.1333	0.0370692	0.283518	-3.52711
cg02180498	NEU1;NEU1	0.0243297	0.306816	0.917097	-1.0904	0.284422	1.09523	1.09523	0.0190883	1.26119	1.26119	0.109896	0.867144	-1.15321	0.224507	1.11001	1.11001
cg23174932	NEU1;SLC44A4	0.000597038	2.66E-05	0.341678	-2.92673	0.0739748	1.29381	1.29381	0.100055	1.26249	1.26249	0.816911	0.970448	-1.03045	0.0175547	1.45328	1.45328
cg21904654	NEU1;SLC44A4	0.00140452	0.407471	1.05385	1.05385	5.96E-05	0.631524	-1.58347	0.00806832	0.810543	-1.23374	0.79776	0.98423	-1.01602	0.635777	0.970898	-1.02997
cg21116447	NEU1;SLC44A4	0.00893634	0.709419	1.0974	1.0974	0.00214562	2.9166	2.9166	0.0365981	1.82778	1.82778	0.65299	0.893707	-1.11894	0.00311952	0.366516	-2.72839
cg25560247	NEU1;SLC44A4	0.0223409	0.0236543	0.273063	-3.66216	0.0537914	0.34921	-2.86361	0.780698	1.14351	1.14351	0.251595	0.562428	-1.77801	0.00979103	0.20821	-4.80284
cg24547575	NEU1;SLC44A4	0.0268114	0.0166505	0.496844	-2.01271	0.61491	1.1249	1.1249	0.00730902	0.433793	-2.30525	0.713657	1.08922	1.08922	0.990562	0.997263	-1.00274
cg18363192	NEU1;SLC44A4	0.0396718	0.113931	0.743333	-1.34529	0.139997	1.31504	1.31504	0.0292382	1.55746	1.55746	0.0169587	0.605179	-1.6524	0.701673	1.06864	1.06864
cg15612053	NEU2	0.000884468	0.882889	0.986239	-1.01395	0.0485816	1.2359	1.2359	0.0082898	1.37343	1.37343	0.394082	1.08553	1.08553	0.0823859	0.834533	-1.19828
cg24198840	NEU2	0.011685	0.879877	0.977208	-1.02332	0.646354	1.07297	1.07297	0.003904	0.553055	-1.80814	0.470739	0.894167	-1.11836	0.413533	1.13592	1.13592
cg01246961	NEU2	0.0342462	0.0539604	0.303003	-3.3003	0.00894988	0.162899	-6.13879	0.0204671	0.217788	-4.59162	0.0616354	0.316982	-3.15475	0.0445676	0.283988	-3.52128
cg01442781	NEU2	0.0394817	0.5656	0.923286	-1.08309	0.961721	0.993426	-1.00662	0.560687	1.08421	1.08421	0.0032676	1.73502	1.73502	0.0831067	0.768225	-1.3017
cg24245285	NEU3	0.000188612	0.000819747	0.664834	-1.50413	0.130459	1.14136	1.14136	0.00120471	1.468	1.468	0.00835428	0.761222	-1.31368	0.126876	1.14301	1.14301
cg12027059	NEU3	0.00567392	0.690846	1.06915	1.06915	0.795875	1.04432	1.04432	0.155204	0.775358	-1.28973	0.000775155	0.427021	-2.34181	0.0496966	0.68764	-1.45425
cg09114833	NEU3	0.00787198	0.226913	0.666664	-1.50001	0.00969344	0.351365	-2.84605	0.623167	0.853603	-1.17151	0.913454	1.03536	1.03536	0.381007	0.750371	-1.33267
cg24337640	NEU3	0.00881462	0.256699	2.48474	2.48474	0.00103023	0.0189626	-52.7353	0.53441	0.617846	-1.61853	?	?	?	0.171635	0.325526	-3.07195
cg02793739	NEU3	0.048614	0.641184	0.880123	-1.1362	0.00689256	2.58994	2.58994	0.0818982	1.68959	1.68959	0.0867142	0.597654	-1.67321	0.12657	0.63787	-1.56772
cg16660312	NEU4;NEU4	0.0410549	0.272055	0.628919	-1.59003	0.349936	0.67687	-1.47739	0.138567	0.523731	-1.90938	0.108501	2.03431	2.03431	0.001408	0.153283	-6.52386
cg18095041	NEU4;NEU4	0.043595	0.035479	0.314739	-3.17724	0.0191973	0.262418	-3.81071	0.0580435	0.363633	-2.75002	0.284233	1.69093	1.69093	0.00459593	0.168433	-5.93709
cg18485872	NEU4;NEU4;NEU4;NEU4	0.0288998	0.0820879	0.624042	-1.60246	0.529411	0.855597	-1.16877	0.0752965	0.615849	-1.62378	0.435188	1.21517	1.21517	0.00104991	0.305203	-3.2765
cg19007167	NEU4;NEU4;NEU4;NEU4;NEU4	0.0100766	0.123524	0.616119	-1.62306	0.374593	1.30288	1.30288	0.197675	0.673469	-1.48485	0.104524	1.67386	1.67386	0.00805465	0.373279	-2.67896
cg21570020	NEU4;NEU4;NEU4;NEU4;NEU4	0.0204179	0.017275	2.33149	2.33149	0.00355923	3.16702	3.16702	0.88876	1.0417	1.0417	0.098871	0.589689	-1.69581	0.593476	0.854476	-1.17031
cg20052509	NEU4;NEU4;NEU4;NEU4;NEU4	0.0252866	0.0745763	1.49962	1.49962	0.287484	1.25269	1.25269	0.0502387	1.57671	1.57671	0.0771639	0.669742	-1.49311	0.0791427	0.671908	-1.4883
cg20386580	NEURL	3.63E-05	0.00526307	2.84928	2.84928	0.00373895	3.04671	3.04671	0.243993	1.41461	1.41461	0.0987434	1.67386	1.67386	0.0012899	0.26327	-3.79838
cg03422944	NEURL	0.000632836	0.0222315	2.46324	2.46324	0.0230183	2.44557	2.44557	0.15871	1.64139	1.64139	0.200569	1.56002	1.56002	0.0110816	0.350729	-2.8512
cg26550162	NEURL	0.000936345	0.0113805	2.01657	2.01657	0.00175063	2.68468	2.68468	0.0528735	1.62769	1.62769	0.0479459	1.64973	1.64973	0.0146395	0.514027	-1.94542
cg17426192	NEURL	0.00182626	0.00315939	6.16786	6.16786	0.00226258	6.87005	6.87005	0.0449899	2.8229	2.8229	0.0404155	2.909	2.909	0.273607	0.59815	-1.67182
cg04275337	NEURL	0.00535976	0.0764021	1.29235	1.29235	0.0306792	0.718706	-1.39139	0.0104357	0.657382	-1.52119	0.971426	0.995351	-1.00467	0.00169636	0.55802	-1.79205
cg19946982	NEURL	0.00823093	0.0107014	0.561002	-1.78252	0.414069	0.860326	-1.16235	0.0410783	1.52916	1.52916	0.539798	0.894182	-1.11834	0.00838092	0.545048	-1.8347
cg13157596	NEURL	0.00978316	0.778622	1.07028	1.07028	0.0482651	0.580441	-1.72283	0.353224	0.794357	-1.25888	0.503621	1.17772	1.17772	0.000249602	0.233024	-4.2914
cg08409361	NEURL	0.0105236	0.0513279	0.652651	-1.53221	0.245181	0.791535	-1.26337	0.364671	0.835988	-1.19619	0.00132643	0.407425	-2.45444	0.0244145	0.597053	-1.67489
cg07437066	NEURL	0.0166421	0.640541	0.945225	-1.05795	0.475131	0.916682	-1.09089	0.408556	1.10656	1.10656	0.597821	1.06585	1.06585	0.177792	0.842367	-1.18713
cg16311536	NEURL	0.0249177	0.01178	6.92571	6.92571	0.147722	2.60001	2.60001	0.0800054	3.3036	3.3036	0.286603	1.97539	1.97539	0.0362973	0.223701	-4.47025
cg10106016	NEURL	0.0271248	0.0257419	1.48664	1.48664	0.328856	0.859956	-1.16285	0.0777569	0.745667	-1.34108	0.75478	0.954175	-1.04803	0.0184087	1.53442	1.53442
cg11769461	NEURL	0.0436747	0.941741	1.01616	1.01616	0.0289906	1.75888	1.75888	0.222917	1.32438	1.32438	0.675593	0.911809	-1.09672	0.314209	0.795872	-1.25648
cg25276521	NEURL	0.0463542	0.00550885	0.412289	-2.42549	0.535193	0.858563	-1.16474	0.894739	1.03267	1.03267	0.174915	0.70443	-1.41959	0.608339	1.13373	1.13373
cg26524306	NEURL1B	0.00011867	0.00653926	0.714825	-1.39894	0.0216548	1.29951	1.29951	0.000508727	0.596915	-1.67528	0.0003849	0.583727	-1.71313	0.723893	1.03428	1.03428
cg06933824	NEURL1B	0.00068789	0.00566936	5.79638	5.79638	0.00431312	6.3451	6.3451	0.0787966	2.57314	2.57314	0.0378804	3.20811	3.20811	0.0012339	9.84811	9.84811
cg02164153	NEURL1B	0.00102217	0.00527124	1.35203	1.35203	0.0110118	0.769901	-1.29887	0.346573	0.923606	-1.08271	0.0160243	1.27342	1.27342	0.0291934	1.23454	1.23454
cg07485775	NEURL1B	0.00221527	0.0216192	3.24137	3.24137	0.0215824	3.24285	3.24285	0.0242374	3.1435	3.1435	0.066733	2.40234	2.40234	0.00356682	5.38321	5.38321
cg19941170	NEURL1B	0.00401905	0.192196	1.12743	1.12743	0.906887	0.989885	-1.01022	0.268851	0.904783	-1.10524	0.976109	1.00261	1.00261	0.241902	1.1123	1.1123
cg07958387	NEURL1B	0.00457764	0.0023028	0.399251	-2.50469	0.00145582	0.371133	-2.69445	0.0107994	0.501469	-1.99414	0.0252737	0.563616	-1.77426	0.0387617	0.596987	-1.67508
cg03481509	NEURL1B	0.00773377	0.00985739	0.495104	-2.01978	0.406841	1.20068	1.20068	0.133856	0.705765	-1.4169	0.197099	1.34166	1.34166	0.00975722	0.494392	-2.02269
cg00327072	NEURL1B	0.0114493	0.00937298	10.9254	10.9254	0.0022322	22.3739	22.3739	0.107208	3.58286	3.58286	0.0448682	5.31725	5.31725	0.00857569	11.3986	11.3986
cg17157275	NEURL1B	0.0131829	0.127006	1.80041	1.80041	0.00387367	3.99912	3.99912	0.359776	1.39858	1.39858	0.0829319	1.98186	1.98186	0.0394527	2.33666	2.33666
cg13900817	NEURL1B	0.0149438	0.0117365	0.283269	-3.53021	0.0535273	0.415372	-2.40748	0.0287181	0.355661	-2.81166	0.00705193	0.247731	-4.03664	0.115768	0.504095	-1.98375
cg02358362	NEURL1B	0.015055	0.0187967	0.397937	-2.51296	0.0659853	0.512892	-1.94973	0.0210926	0.407432	-2.4544	0.891369	1.04523	1.04523	0.00119432	0.214974	-4.65173
cg15047660	NEURL1B	0.0180908	0.964334	0.994467	-1.00556	0.0528215	1.31406	1.31406	0.000580582	1.93538	1.93538	0.996806	1.0005	1.0005	0.682214	1.05241	1.05241
cg17777432	NEURL1B	0.0226284	0.195937	0.733971	-1.36245	0.0200464	0.530159	-1.88623	0.99384	0.998255	-1.00175	0.475844	0.848765	-1.17818	0.0632962	0.623539	-1.60375
cg25408617	NEURL1B	0.0235268	0.736738	1.06413	1.06413	0.0319783	1.58878	1.58878	0.510567	1.13083	1.13083	0.0888552	1.41305	1.41305	0.773245	1.05467	1.05467
cg00232827	NEURL1B	0.0327477	0.233444	1.36689	1.36689	0.0382492	1.82356	1.82356	0.0691738	1.66309	1.66309	0.104094	1.55981	1.55981	0.112964	1.53971	1.53971
cg15552370	NEURL1B	0.0408272	0.4665	1.48972	1.48972	0.105921	0.386773	-2.58549	0.749645	1.18793	1.18793	0.0191699	0.217733	-4.59277	0.0861478	0.360624	-2.77297
cg02376843	NEURL1B	0.041486	0.583266	1.21464	1.21464	0.00974735	0.317511	-3.1495	0.0618175	0.477995	-2.09207	0.571473	0.818161	-1.22225	0.821383	1.0826	1.0826
cg19803131	NEURL1B	0.0495502	0.647155	0.894647	-1.11776	0.931677	0.979499	-1.02093	0.113327	0.659519	-1.51626	0.908499	1.02816	1.02816	0.00717342	0.432348	-2.31295
cg18178432	NEURL2;C20orf165	0.00210327	0.354048	0.761187	-1.31374	0.676668	0.886902	-1.12752	0.00179502	0.280487	-3.56523	0.0262502	0.470261	-2.12648	0.000263871	0.179884	-5.55915
cg07432687	NEURL3	0.000256552	1.53E-05	0.468169	-2.13598	0.319073	1.09119	1.09119	0.809634	1.02066	1.02066	0.082202	0.849436	-1.17725	0.0102356	0.760084	-1.31564
cg25567448	NEURL3	0.000564409	0.0129342	0.360788	-2.77171	0.000791079	5.34177	5.34177	0.857079	0.942173	-1.06138	0.282587	1.44619	1.44619	0.0518922	0.481475	-2.07695
cg14247287	NEURL3	0.0012383	0.000118489	0.161406	-6.19556	0.751834	1.08128	1.08128	0.000881947	0.269053	-3.71674	0.00269082	0.340658	-2.93549	0.00265226	0.33968	-2.94395
cg25627714	NEURL3	0.00306021	0.364823	0.767498	-1.30294	0.547386	1.1889	1.1889	0.0831377	0.579741	-1.72491	0.727404	0.905336	-1.10456	0.245698	0.708196	-1.41204
cg09623056	NEURL3	0.00459187	0.0931347	1.54019	1.54019	0.00293415	2.59952	2.59952	0.0887204	1.55121	1.55121	0.34331	1.25642	1.25642	0.198017	0.727519	-1.37453
cg02233149	NEURL3	0.00628043	0.00109146	0.183269	-5.45645	0.292375	0.680653	-1.46918	0.00203806	0.216239	-4.62451	0.0576427	0.469547	-2.12971	0.0573802	0.469078	-2.13184
cg25534953	NEURL3	0.00900228	0.0116007	0.315144	-3.17315	0.894758	0.952722	-1.04962	0.908441	0.958775	-1.043	0.585961	1.22295	1.22295	0.0139995	0.329431	-3.03554
cg15703357	NEURL3	0.0120843	0.0697067	0.477948	-2.09228	0.948082	0.976579	-1.02398	0.00660626	0.277104	-3.60876	0.382596	0.721888	-1.38526	0.00526074	0.262028	-3.81639
cg01071367	NEURL3	0.0124915	0.162269	0.48579	-2.0585	0.865144	0.921042	-1.08573	0.188235	0.509328	-1.96337	0.395483	0.656331	-1.52362	0.00146476	0.1083	-9.23365
cg00499237	NEURL3	0.0126826	0.0549751	0.550302	-1.81718	0.734326	0.910743	-1.09801	0.00582997	0.371233	-2.69373	0.0139476	0.434521	-2.30138	0.0145905	0.43798	-2.28321
cg20128319	NEURL3	0.0237688	0.279901	0.654897	-1.52696	0.880816	1.05816	1.05816	0.246731	0.633546	-1.57842	0.0345561	2.53128	2.53128	0.0138612	0.317958	-3.14507
cg13556639	NEURL3	0.0246867	0.0567974	0.261528	-3.82368	0.0298262	0.203848	-4.90562	0.0575714	0.2629	-3.80372	0.497064	1.53564	1.53564	0.0271819	0.19662	-5.08596
cg23824762	NEURL3	0.0278139	0.00532926	0.11755	-8.50701	0.114426	0.367408	-2.72177	0.0107296	0.154159	-6.48681	0.0324459	0.232195	-4.30672	0.0233965	0.206079	-4.8525
cg00063744	NEURL3	0.0336393	0.00515223	0.554127	-1.80464	0.37208	0.863768	-1.15772	0.0148259	1.61455	1.61455	0.938454	0.987735	-1.01242	0.992679	0.998535	-1.00147
cg21482745	NEURL3	0.0410722	0.0250008	0.590603	-1.69319	0.528618	0.881563	-1.13435	0.122856	1.39111	1.39111	0.247547	0.787627	-1.26964	0.195585	0.763164	-1.31034
cg24517323	NEURL4;NEURL4	1.29E-05	0.0105987	1.50965	1.50965	0.00551592	1.59589	1.59589	0.00675081	0.637629	-1.56831	0.554493	0.926252	-1.07962	2.58E-05	0.343596	-2.91039
cg09777416	NEURL4;NEURL4	0.000234313	0.418794	1.04297	1.04297	0.0027084	0.809776	-1.23491	1.89E-05	0.642118	-1.55735	0.491991	0.965079	-1.03618	6.30E-05	0.687156	-1.45527
cg04821375	NEURL4;NEURL4	0.000417902	0.0229449	2.22473	2.22473	0.896953	1.03882	1.03882	0.749617	1.09868	1.09868	0.000312704	5.57209	5.57209	0.711764	0.896664	-1.11525
cg08793894	NEURL4;NEURL4	0.000424683	0.00606974	3.52789	3.52789	0.00240454	4.42684	4.42684	0.084997	1.95443	1.95443	0.00235087	4.45233	4.45233	0.40348	0.740234	-1.35092

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12112221	0.0543489	1.5387	1.5387	0.993804	1.00153	1.00153	0.0978576	0.698762	-1.4311	0.533044	1.13272	1.13272	3.82872	2.36243	0.54847	1
cg22773093	0.0590649	0.606395	-1.64909	0.838078	1.04919	1.04919	0.881874	0.965708	-1.03551	0.259221	1.31814	1.31814	3.67577	3.20605	0.7753	1
cg06834431	0.165207	0.691993	-1.4451	0.00371679	0.37727	-2.65062	0.253823	0.743499	-1.34499	0.227663	1.37023	1.37023	3.6212	3.54784	0.870882	1
cg01920578	0.0379892	1.21046	1.21046	3.10E-06	0.414965	-2.40984	0.41804	0.93641	-1.06791	0.977456	1.00225	1.00225	19.523	1.94902	0.0887393	1
cg19267325	0.00764278	0.516546	-1.93594	0.0418852	0.636511	-1.57106	0.111936	0.716441	-1.39579	0.517198	1.13485	1.13485	4.25472	2.50074	0.522452	1
cg17234305	0.204584	0.753449	-1.32723	0.543296	0.877998	-1.13895	0.512246	1.15092	1.15092	0.536976	1.14135	1.14135	3.77447	2.67346	0.6296	1
cg02901139	0.317503	1.26834	1.26834	6.26E-05	0.183385	-5.45301	0.0745071	0.633116	-1.57949	0.0323541	0.561899	-1.77968	14.0074	11.741	0.745066	1
cg11836829	0.440634	0.808456	-1.23693	0.0179269	0.459411	-2.1767	0.777554	1.07959	1.07959	0.128778	0.641554	-1.55872	5.48619	6.35237	1.02923	1
cg00327516	0.336525	0.840905	-1.1892	0.00496359	1.91637	1.91637	0.249277	0.810125	-1.23438	0.49347	1.12931	1.12931	4.39814	2.12996	0.430477	1
cg20805880	0.0492194	0.66843	-1.49604	0.000423488	2.7238	2.7238	0.00452754	1.97145	1.97145	0.689282	1.07478	1.07478	12.6714	6.46221	0.453317	1
cg11357013	0.00256254	0.385205	-2.59602	0.262676	1.30522	1.30522	0.618542	1.12131	1.12131	0.00403107	0.41434	-2.41348	11.3543	9.35549	0.73241	1
cg17150474	0.420967	1.17657	1.17657	0.681767	0.921692	-1.08496	7.67E-05	0.242359	-4.12611	0.878321	0.970154	-1.03076	10.2996	6.38087	0.55069	1
cg07898632	0.00153003	0.556485	-1.79699	0.000740077	0.517634	-1.93187	0.0386875	0.735142	-1.36028	0.546309	0.92454	-1.08162	9.89048	2.58676	0.23248	1
cg18593232	0.884483	1.02065	1.02065	0.000215595	2.38262	2.38262	0.402951	0.886627	-1.12787	0.272289	1.17427	1.17427	8.27453	2.59023	0.278254	1
ch.15.1160351	0.240843	0.435983	-2.29367	0.0808562	0.270147	-3.70168	0.170908	0.373153	-2.67987	0.951433	1.04204	1.04204	6.30991	45.6791	6.4349	1
cg23018039	0.828392	1.02811	1.02811	0.0153242	1.46242	1.46242	0.779604	0.964811	-1.03647	0.0134892	0.676699	-1.47776	5.54021	1.43077	0.229557	1
cg08177743	0.638104	1.12741	1.12741	0.0415324	1.81288	1.81288	0.625233	1.1327	1.1327	0.00804974	0.423461	-2.36149	5.39321	5.47283	0.902013	1
cg15888301	0.00433425	1.41904	1.41904	0.102682	0.848819	-1.17811	0.0188681	1.29833	1.29833	0.665797	0.960896	-1.0407	4.22073	0.56326	0.118623	1
cg10596537	0.151633	0.646377	-1.54708	0.142198	0.638784	-1.56548	0.231185	1.42868	1.42868	0.111374	0.611033	-1.63657	4.21888	5.39142	1.13594	1
cg08345626	0.00802833	1.50156	1.50156	0.00903426	1.48764	1.48764	0.575761	0.934574	-1.07001	0.0769529	1.2654	1.2654	4.02508	0.913149	0.201658	1
cg04871538	0.391185	0.661254	-1.51228	0.0106053	0.220236	-4.54058	0.283618	1.68953	1.68953	0.0714775	0.387659	-2.57959	3.93622	13.8175	3.12032	1
cg18864399	0.340853	1.1124	1.1124	0.00139663	1.65275	1.65275	0.862085	1.01905	1.01905	0.987321	1.00173	1.00173	3.86561	0.721067	0.165808	1
cg19091474	0.897633	0.983662	-1.01661	0.0116763	0.668095	-1.49679	0.176072	1.20213	1.20213	0.075819	1.28776	1.28776	3.41139	0.884976	0.230594	1
cg21838334	0.102839	1.82986	1.82986	0.000554816	0.162964	-6.13631	0.00750904	0.31193	-3.20585	0.0567641	0.481881	-2.0752	10.9597	19.8977	1.6138	1
cg11723801	0.783634	1.34853	1.34853	0.00165384	0.00750921	-133.17	0.247173	0.268608	-3.72289	0.23455	0.2583	-3.87146	6.35187	118.723	16.6142	1
cg12636369	0.30846	1.51784	1.51784	0.00437327	0.221607	-4.5125	0.0226602	0.339541	-2.94515	0.173263	0.563476	-1.7747	5.35994	13.3029	2.20615	1
cg06355129	0.685658	0.688239	-1.45298	0.0109852	0.0534036	-18.7253	0.0828416	0.171443	-5.83283	0.128093	0.220821	-4.52855	4.30793	57.5198	11.8685	1
cg14637870	?	?	?	?	?	?	0.6189	1.25835	1.25835	0.889817	1.06558	1.06558	11.2836	25.0211	2.95664	1
cg25112625	0.593803	1.09307	1.09307	0.0238395	0.640323	-1.56171	0.834601	0.966027	-1.03517	0.10042	1.34649	1.34649	4.89651	2.11913	0.384697	1
cg14420785	0.999352	1.00021	1.00021	0.00382332	0.370719	-2.69746	0.753206	0.922874	-1.08357	0.00503284	0.389026	-2.57052	4.6524	4.77126	0.911598	1
cg14426660	0.264409	1.79876	1.79876	0.00437288	6.8291	6.8291	0.00030409	19.3403	19.3403	0.00867611	5.41077	5.41077	10.2893	41.5108	3.58609	1
cg25134701	0.0244476	0.204175	-4.89777	0.00146542	0.0657298	-15.2138	0.107363	0.352924	-2.83347	0.0576096	0.280152	-3.56949	6.46505	35.9611	4.94434	1
cg13599477	0.280788	1.58371	1.58371	0.550844	1.28083	1.28083	0.000938146	7.57164	7.57164	0.270053	1.60161	1.60161	5.76425	15.3553	2.3679	1
cg27367170	0.595991	0.811733	-1.23193	0.447433	1.35234	1.35234	0.00229179	5.26896	5.26896	0.203301	1.6879	1.6879	4.62725	11.1366	2.13932	1
cg18448581	0.0607917	0.285363	-3.50431	0.000742019	0.0408641	-24.4714	0.413201	1.63022	1.63022	0.371625	1.7096	1.7096	5.55608	25.9572	4.08788	1
cg03524083	8.85E-08	0.11923	-8.38712	8.40E-05	0.424508	-2.35567	0.00187323	0.586137	-1.70609	0.0111341	1.47025	1.47025	91.1747	21.1839	0.206529	1
cg13861749	0.0185442	0.26679	-3.74827	0.00330206	0.156909	-6.37312	0.0104345	0.224885	-4.44672	0.246459	0.570705	-1.75222	4.45304	15.1036	3.01489	1
cg01016962	0.000532804	0.370172	-2.70145	0.000173187	0.308743	-3.23894	0.79487	1.04919	1.04919	0.000183578	0.311825	-3.20693	20.8914	11.2402	0.478249	1
cg00206281	0.122852	0.742656	-1.34652	0.00136308	0.43725	-2.28702	0.491301	0.883015	-1.13248	0.203754	0.787626	-1.26964	14.6921	7.37044	0.445921	1
cg25804860	0.753758	1.04736	1.04736	9.21E-05	0.358164	-2.79202	0.34131	1.15511	1.15511	0.797568	0.962908	-1.03852	6.33334	2.16912	0.304438	1
cg05532446	0.0682728	0.598229	-1.6716	0.00257864	0.349413	-2.86194	0.037626	1.83486	1.83486	0.561144	0.862527	-1.15938	6.07779	6.09716	0.891721	1
cg01400516	?	?	?	0.232305	1.94444	1.94444	0.256573	1.87302	1.87302	?	?	?	7.48391	17.0742	2.73774	1
cg18867659	0.547204	1.06066	1.06066	0.0230875	0.769011	-1.30037	0.597868	0.949843	-1.05281	0.395801	0.919368	-1.0877	3.81664	0.56493	0.131571	1
cg27599329	0.863911	1.02018	1.02018	0.00239617	0.610971	-1.63674	0.1288	0.826001	-1.21065	0.294902	1.13486	1.13486	3.57227	0.767298	0.190927	1
cg06017364	0.0593338	1.53537	1.53537	1.05E-05	0.150117	-6.66149	0.86865	1.0339	1.0339	1.38E-05	0.160623	-6.22575	22.4873	14.4489	0.571144	1
cg22672830	0.000954553	0.277218	-3.60727	6.74E-05	0.149284	-6.69866	0.635158	1.13267	1.13267	0.00747946	0.407605	-2.45336	21.5562	23.1903	0.956272	1
cg25387565	0.161392	1.2772	1.2772	0.560463	0.908191	-1.10109	0.968275	0.993515	-1.00653	0.406342	1.14909	1.14909	12.5886	5.33585	0.376767	1
cg07603815	0.000231737	0.342282	-2.92157	0.763073	1.05448	1.05448	0.252632	1.23326	1.23326	0.0019475	0.463545	-2.15729	11.1604	5.4418	0.43342	1
cg19913711	0.379041	1.11566	1.11566	0.0145862	1.44024	1.44024	0.0345175	0.74157	-1.34849	0.000202087	0.469506	-2.1299	9.86595	2.29816	0.207057	1
cg13634177	0.454848	0.772427	-1.29462	0.000457054	0.153765	-6.50344	0.675964	0.867111	-1.15326	0.015533	0.36541	-2.73665	8.99848	16.3981	1.61984	1
cg26708476	0.0146478	0.311304	-3.21229	9.18E-05	0.0663729	-15.0664	0.382239	0.706131	-1.41617	0.0116598	0.294045	-3.40084	8.67818	20.7225	2.12257	1
cg04219580	0.0130299	0.547786	-1.82553	0.0569621	1.52327	1.52327	0.203971	1.29944	1.29944	0.783339	0.947572	-1.05533	8.08892	4.89021	0.537384	1
cg10054150	0.0905818	0.746201	-1.34012	0.00178438	2.00996	2.00996	0.557496	1.09762	1.09762	0.606265	0.921613	-1.08505	6.40697	2.50142	0.347042	1
cg15065837	0.446272	1.14	1.14	0.015882	1.64628	1.64628	0.0546722	0.692211	-1.44465	0.192335	1.26226	1.26226	6.0353	2.72283	0.401023	1
cg01620834	0.138722	0.609756	-1.64	0.000558974	0.189892	-5.26615	0.904319	1.03803	1.03803	0.465925	0.794286	-1.25899	5.44058	8.30158	1.35632	1
cg26710347	0.0158029	0.291469	-3.43089	0.0140701	0.282579	-3.53884	0.983351	0.991338	-1.00874	0.00852981	0.246741	-4.05284	4.60364	12.6742	2.44718	1
cg22999343	0.980649	0.991681	-1.00839	0.00547116	0.28411	-3.51977	0.926869	0.968873	-1.03213	0.086134	0.5204	-1.9216	4.40717	8.28148	1.6703	1
cg18674618	0.24377	1.14598	1.14598	0.0171552	1.38339	1.38339	0.220668	0.866005	-1.15473	0.996992	0.999579	-1.00042	4.37177	0.864369	0.175747	1
cg07814977	0.360509	0.772344	-1.29476	0.922575	1.02707	1.02707	0.249075	0.718164	-1.39244	0.937918	0.978822	-1.02164	4.34419	5.19558	1.0631	1
cg23641315	0.80535	1.02948	1.02948	0.000620102	1.85859	1.85859	0.331916	1.12501	1.12501	0.171395	1.18691	1.18691	4.23234	0.928203	0.194944	1
cg22240802	0.275245	0.734495	-1.36148	0.0995051	1.63364	1.63364	0.395337	1.26699	1.26699	0.340586	0.765687	-1.30602	4.17439	4.88573	1.04036	1
cg10503736	0.720546	0.899132	-1.11218	0.487286	1.23232	1.23232	0.573647	1.18328	1.18328	0.804099	1.07634	1.07634	4.02184	5.58067	1.23342	1
cg06264879	0.772054	1.06323	1.06323	0.155152	0.725348	-1.37865	0.66595	1.09601	1.09601	0.0396618	0.605244	-1.65223	3.95168	2.78828	0.627194	1
cg13351114	0.207112	1.27498	1.27498	0.00660442	0.525231	-1.90392	0.990013	1.00229	1.00229	0.765755	0.946905	-1.05607	3.82428	2.01942	0.46938	1
cg04006397	0.141223	0.758714	-1.31802	0.396837	0.859492	-1.16348	0.668116	1.07818	1.07818	0.113053	0.740091	-1.35118	3.60364	1.73823	0.428759	1
cg25094081	0.267265	0.54786	-1.82528	0.00122809	0.0853145	-11.7213	0.851417	1.10255	1.10255	0.0919709	0.380662	-2.627	3.58312	15.3834	3.81626	1
cg02180498	0.0841671	0.855304	-1.16917	0.044545	0.828037	-1.20768	0.0169946	1.26882	1.26882	0.284903	1.09512	1.09512	4.39856	0.466145	0.0942017	1
cg23174932	0.805997	0.968673	-1.03234	0.200631	0.839584	-1.19107	0.177472	0.830779	-1.20369	0.00175867	0.561842	-1.77986	13.6026	3.60459	0.235548	1
cg21904654	0.332827	0.940032	-1.06379	0.00601281	1.24882	1.24882	0.526025	0.961007	-1.04058	0.0312175	0.855141	-1.1694	10.6796	0.648154	0.0539473	1
cg21116447	0.327989	1.28494	1.28494	0.0842402	0.622321	-1.60689	0.477102	0.83569	-1.19662	0.530496	1.1709	1.1709	6.12615	5.98196	0.867967	1
cg25560247	0.0814308	0.395348	-2.52942	0.00509721	0.168898	-5.92075	0.00782317	0.193949	-5.15599	0.109926	0.432917	-2.30991	4.52996	16.5625	3.24997	1
cg24547575	0.0274827	0.53764	-1.85998	0.167749	1.41068	1.41068	0.100156	1.52714	1.52714	0.377985	1.23421	1.23421	4.69739	3.91061	0.647505	1
cg18363192	0.300165	0.830956	-1.20343	0.0577943	1.44769	1.44769	0.810909	1.04221	1.04221	0.228909	0.804305	-1.24331	3.69432	1.74049	0.418779	1
cg15612053	0.970043	1.00354	1.00354	2.29E-05	2.21818	2.21818	0.035398	0.794303	-1.25896	0.972836	0.996804	-1.00321	12.1825	1.70517	0.124417	1
cg24198840	0.919751	0.984754	-1.01548	0.000609369	0.447004	-2.23712	0.0856092	0.748506	-1.33599	0.0866072	0.749336	-1.33451	5.62176	2.06945	0.327212	1
cg01246961	0.0385449	0.270346	-3.69897	0.0195121	0.214228	-4.66792	0.020767	0.218882	-4.56867	0.167683	0.448163	-2.23133	3.89768	18.3879	4.19347	1
cg01442781	0.589498	1.07773	1.07773	0.0529926	1.35283	1.35283	0.512108	0.912678	-1.09568	0.141226	0.804575	-1.24289	3.70086	1.10697	0.265877	1
cg24245285	0.0333278	0.817629	-1.22305	2.23E-05	1.99066	1.99066	0.221174	1.10972	1.10972	0.763791	1.0247	1.0247	18.6654	1.93734	0.0922605	1
cg12027059	0.119165	0.753611	-1.32695	0.0152931	1.6456	1.6456	0.032521	1.51981	1.51981	0.127387	1.31752	1.31752	7.05969	3.12834	0.393891	1
cg09114833	0.0296745	0.44128	-2.26614	0.00180989	0.242258	-4.12784	0.000588179	0.183184	-5.45899	0.410014	0.763926	-1.30903	6.37642	10.316	1.43808	1
cg24337640	0.595582	1.5064	1.5064	0.132243	3.50982	3.50982	0.0151229	10.5536	10.5536	0.0775258	4.58893	4.58893	7.14846	57.4728	7.03491	1
cg02793739	0.162244	0.666341	-1.50073	0.698007	1.11191	1.11191	0.402626	0.792132	-1.26242	0.502317	1.2035	1.2035	3.42446	4.01436	1.04201	1
cg16660312	0.715212	1.16025	1.16025	0.821539	1.09597	1.09597	0.858314	1.07518	1.07518	0.82213	1.09563	1.09563	3.64793	9.50607	2.31634	1
cg18095041	0.377599	0.652148	-1.53339	0.49588	0.721451	-1.3861	0.545266	0.748969	-1.33517	0.861354	0.920771	-1.08605	3.56755	12.5975	3.13878	1
cg18485872	0.204329	1.38802	1.38802	0.581809	1.14586	1.14586	0.550045	0.862407	-1.15955	0.628986	0.887656	-1.12656	4.1413	3.92991	0.843517	1
cg19007167	0.155317	1.55497	1.55497	0.683565	0.887831	-1.12634	0.115963	0.608957	-1.64215	0.00190904	3.58365	3.58365	5.89621	7.87062	1.18654	1
cg21570020	0.0993703	1.69424	1.69424	0.024617	2.18417	2.18417	0.166609	1.53796	1.53796	0.423713	0.787819	-1.26933	4.67159	6.30331	1.19937	1
cg20052509	0.16428	1.35354	1.35354	0.0121239	1.89251	1.89251	0.170809	1.34651	1.34651	0.114263	0.704376	-1.4197	4.33998	2.86036	0.585842	1
cg20386580	0.00664625	2.72444	2.72444	1.35E-06	33.6729	33.6729	0.000134658	6.56485	6.56485	0.00591125	2.78619	2.78619	28.9746	37.1569	1.13991	1
cg03422944	0.0637425	1.98486	1.98486	0.000230758	7.47158	7.47158	0.000194585	7.86206	7.86206	0.000823317	5.24634	5.24634	13.3834	22.9334	1.52318	1
cg26550162	0.00564015	2.2351	2.2351	0.000666929	3.16787	3.16787	0.000440621	3.41743	3.41743	0.00888715	2.08996	2.08996	11.9878	9.30651	0.690074	1
cg17426192	0.113676	2.1736	2.1736	0.00139171	8.08149	8.08149	0.000442865	12.2045	12.2045	0.00315739	6.16911	6.16911	9.90009	31.9036	2.8645	1
cg04275337	0.400144	0.893998	-1.11857	0.00715682	1.57116	1.57116	0.0662699	0.764904	-1.30735	0.311547	0.87266	-1.14592	7.18426	1.92591	0.238288	1
cg19946982	0.132009	0.746079	-1.34034	0.298634	1.21424	1.21424	0.00149248	0.438154	-2.28231	0.497072	1.13228	1.13228	6.28754	3.23305	0.457066	1
cg13157596	0.122758	0.668295	-1.49635	0.22163	0.733727	-1.3629	0.771457	1.07272	1.07272	0.13759	1.4702	1.4702	5.95217	5.47588	0.817761	1
cg08409361	0.437362	0.858674	-1.16459	0.0345873	1.60623	1.60623	0.0145592	0.560602	-1.7838	0.0440558	0.640852	-1.56042	5.81474	3.40616	0.520693	1
cg07437066	0.0973943	0.804214	-1.24345	0.00074485	0.541622	-1.84631	0.0297864	1.35842	1.35842	0.994988	0.999248	-1.00075	5.00494	1.13738	0.202	1
cg16311536	0.343533	1.82267	1.82267	0.0291647	4.8615	4.8615	0.0139899	6.46936	6.46936	0.0769185	3.35398	3.35398	4.36223	26.1485	5.32826	1
cg10106016	0.0644886	1.36471	1.36471	0.00943466	1.63654	1.63654	0.239576	1.20246	1.20246	0.612434	1.07948	1.07948	4.23481	1.50327	0.315537	1
cg11769461	0.00633651	0.458558	-2.18075	0.13209	1.42836	1.42836	0.166973	0.723831	-1.38154	0.607563	0.892587	-1.12034	3.56512	2.71705	0.677439	1
cg25276521	0.145405	0.684101	-1.46177	0.0513252	1.71397	1.71397	0.119972	1.50626	1.50626	0.327943	0.782537	-1.2779	3.48652	3.25621	0.830171	1
cg26524306	0.00458791	0.698681	-1.43127	0.000118037	1.89719	1.89719	0.00883849	1.37261	1.37261	0.00632891	0.713337	-1.40186	21.1482	3.02415	0.127109	1
cg06933824	0.00729761	5.3399	5.3399	3.40E-05	48.7326	48.7326	0.000807732	11.5566	11.5566	0.0070929	5.38913	5.38913	13.0747	48.5463	3.30044	1
cg02164153	0.0111115	1.29825	1.29825	0.000205171	0.600488	-1.66531	0.421003	1.06972	1.06972	0.921303	1.00813	1.00813	11.6936	1.24494	0.0946344	1
cg07485775	0.00787205	4.27882	4.27882	0.000160015	15.6432	15.6432	0.00105373	7.89264	7.89264	0.0164995	3.48678	3.48678	9.35832	26.9429	2.55913	1
cg19941170	0.953536	1.00508	1.00508	5.87E-05	0.523905	-1.90874	0.107086	0.858265	-1.16514	0.54038	0.947569	-1.05533	7.84125	0.937575	0.106284	1
cg07958387	0.095541	0.673883	-1.48394	0.000873465	0.340917	-2.93327	0.0172558	0.535103	-1.8688	0.0362072	0.591556	-1.69046	7.53848	5.54736	0.65411	1
cg03481509	0.942392	0.984544	-1.0157	0.000766573	0.333409	-2.99932	0.196219	1.34253	1.34253	0.499171	0.862549	-1.15935	6.41199	4.71774	0.654016	1
cg00327072	0.0207232	7.5476	7.5476	0.01022	10.486	10.486	0.00978244	10.7057	10.7057	0.169169	2.89532	2.89532	5.65893	47.21	7.41561	1
cg17157275	0.010999	3.11606	3.11606	0.00146796	5.13489	5.13489	0.0160347	2.85811	2.85811	0.0960123	1.91797	1.91797	5.4054	10.8666	1.78694	1
cg13900817	0.373861	0.693677	-1.44159	0.00148602	0.15941	-6.27313	0.0548134	0.417834	-2.3933	0.0263455	0.348056	-2.8731	5.18713	13.189	2.26012	1
cg02358362	0.444345	0.776922	-1.28713	0.0142134	0.375645	-2.66208	0.293602	0.702821	-1.42284	0.0187425	0.397702	-2.51445	5.17443	8.58721	1.47515	1
cg15047660	0.398662	0.89832	-1.11319	0.451565	0.909211	-1.09986	0.185466	1.19034	1.19034	0.0341985	1.35886	1.35886	4.86688	1.18695	0.216784	1
cg17777432	0.16034	1.40383	1.40383	0.00116893	0.340364	-2.93803	0.239775	0.757004	-1.321	0.1184	0.681541	-1.46726	4.51009	3.65348	0.720061	1
cg25408617	0.551406	0.894918	-1.11742	0.00247804	2.17056	2.17056	0.00504415	1.98029	1.98029	0.62169	0.912437	-1.09597	4.44994	2.39208	0.477826	1
cg00232827	0.0270228	1.92513	1.92513	0.00167051	3.07908	3.07908	0.0450763	1.7776	1.7776	0.0923976	1.58941	1.58941	3.96095	3.92635	0.881124	1
cg15552370	0.94617	0.964332	-1.03699	0.00230297	0.101148	-9.88655	0.303849	0.563933	-1.77326	0.650109	0.782206	-1.27843	3.65544	16.7505	4.07321	1
cg02376843	0.608884	1.19856	1.19856	0.00866456	3.23608	3.23608	0.442462	0.75969	-1.31633	0.751407	0.894458	-1.118	3.63386	7.08882	1.73402	1
cg19803131	0.00376282	0.388806	-2.57198	0.901343	0.970486	-1.03041	0.477469	0.839898	-1.19062	0.116735	0.662528	-1.50937	3.39978	3.142	0.821489	1
cg18178432	0.654254	1.1377	1.1377	0.00112729	0.253655	-3.94236	0.834061	1.06188	1.06188	0.00641898	0.362517	-2.75849	9.50134	12.3246	1.15302	1
cg07432687	0.000194241	0.587772	-1.70134	0.0987993	1.16578	1.16578	0.176971	1.12933	1.12933	0.00924196	0.755794	-1.32311	17.1685	1.95291	0.101111	1
cg25567448	0.244965	0.669071	-1.49461	0.00024181	0.134478	-7.43618	0.000307719	0.144298	-6.9301	0.749581	0.899591	-1.11162	13.8173	23.8926	1.53705	1
cg14247287	0.129882	0.665201	-1.50331	0.25953	0.74716	-1.3384	0.0266618	0.514604	-1.94324	0.00111406	0.283378	-3.52886	13.3961	12.5899	0.73097	1
cg25627714	0.802572	0.931284	-1.07379	0.0153481	0.429305	-2.32934	3.85E-05	0.106201	-9.4161	0.229637	0.698928	-1.43076	8.50778	10.8816	1.1369	1
cg09623056	0.0542691	0.600071	-1.66647	0.00626208	0.434783	-2.3	0.00632488	0.435465	-2.29639	0.376217	1.23656	1.23656	7.53137	6.52129	0.769675	1
cg02233149	0.234301	1.55125	1.55125	0.0213587	0.37756	-2.64858	0.0491694	0.4535	-2.20507	0.00822051	0.304039	-3.28905	6.84186	13.4383	1.7459	1
cg25534953	0.237925	0.636112	-1.57205	0.00157941	0.190083	-5.26085	0.00184538	0.198302	-5.04282	0.114815	0.53392	-1.87294	6.11188	12.9617	1.88511	1
cg15703357	0.0626281	0.466491	-2.14367	0.00248114	0.216398	-4.62111	0.0110026	0.313186	-3.19299	0.0278801	0.388393	-2.57471	5.56085	11.6655	1.86471	1
cg01071367	0.89902	0.940416	-1.06336	0.020981	0.260851	-3.8336	0.00106142	0.0961406	-10.4014	0.629401	0.790341	-1.26528	5.50126	20.4004	3.29629	1
cg00499237	0.0164384	0.447232	-2.23598	0.386001	1.27624	1.27624	0.00388959	0.344029	-2.90673	0.136219	0.643611	-1.55373	5.47411	6.5312	1.06054	1
cg20128319	0.600792	0.819592	-1.22012	0.0488699	0.428457	-2.33395	0.00354339	0.2255	-4.4346	0.529442	0.786578	-1.27133	4.43423	9.97191	1.99898	1
cg13556639	0.123336	0.354009	-2.82479	0.00464509	0.09611	-10.4047	0.00902249	0.126802	-7.8863	0.136667	0.368804	-2.71147	4.37637	26.8254	5.44853	1
cg23824762	0.345219	0.567264	-1.76285	0.129042	0.38422	-2.60268	0.0322032	0.231562	-4.31849	0.019367	0.192242	-5.20178	4.19763	22.6087	4.78761	1
cg00063744	0.822481	1.03656	1.03656	0.173415	0.793358	-1.26046	0.135521	0.773288	-1.29318	0.0727859	0.726249	-1.37694	3.92289	1.58673	0.359539	1
cg21482745	0.00265172	0.439971	-2.27288	0.141272	0.731692	-1.3667	0.402263	0.84428	-1.18444	0.208348	0.769573	-1.29942	3.64736	2.25244	0.548937	1
cg24517323	0.235564	0.85275	-1.17268	0.00654502	1.57248	1.57248	8.04E-07	5.44027	5.44027	0.568482	1.07666	1.07666	37.9527	9.86974	0.231159	1
cg09777416	0.0227377	0.870348	-1.14897	0.759489	0.984482	-1.01576	0.116808	1.09066	1.09066	0.793587	1.01345	1.01345	17.5978	0.72297	0.0365182	1
cg04821375	0.0394248	0.496454	-2.01429	0.031154	2.10296	2.10296	1.75E-05	13.2389	13.2389	0.885933	0.958691	-1.04309	15.0177	20.5448	1.21604	1
cg08793894	0.568838	1.22459	1.22459	0.395502	0.736263	-1.35821	1.06E-05	27.3998	27.3998	0.338892	1.41458	1.41458	14.9511	29.3129	1.74274	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04574095	NEURL4;NEURL4	0.00109372	0.29081	0.826705	-1.20962	0.141193	1.31614	1.31614	0.583264	0.908296	-1.10096	0.62304	1.08982	1.08982	0.00737358	0.549122	-1.82109	0.0215497	0.619288	-1.61476	2.46E-05	0.233007	-4.29171	0.90977	0.980512	-1.01988	0.0115387	0.577862	-1.73052	11.4709	5.47521	0.424277	1
cg12028816	NEURL4;NEURL4	0.00201294	0.99853	0.999707	-1.00029	0.000116279	0.340979	-2.93273	0.00171009	0.489991	-2.04085	0.0136764	0.615207	-1.62547	0.225311	1.22492	1.22492	0.827975	0.965925	-1.03528	0.01149	0.60429	-1.65483	0.0262777	0.657128	-1.52177	0.0603293	0.713567	-1.40141	9.62379	3.86824	0.357285	1
cg12219789	NEURL4;NEURL4	0.00247047	0.547959	0.899741	-1.11143	0.840834	1.03556	1.03556	0.102339	0.732967	-1.36432	0.440695	0.872292	-1.14641	0.000308847	0.361493	-2.7663	0.0108518	0.573573	-1.74346	0.000422407	0.378814	-2.63982	0.199613	1.26552	1.26552	0.0251963	0.629664	-1.58815	9.06367	4.33454	0.425095	1
cg19039291	NEURL4;NEURL4	0.00278909	0.889444	0.956577	-1.04539	0.00399541	0.290856	-3.43813	0.000412589	0.167058	-5.98593	0.0934956	1.80185	1.80185	0.00130656	0.224497	-4.45439	0.471345	1.26348	1.26348	0.0247644	0.426079	-2.34698	0.317154	0.718878	-1.39106	0.521245	0.812596	-1.23062	8.74506	14.1107	1.43428	1
cg02831821	NEURL4;NEURL4	0.00327642	0.336279	0.861353	-1.16096	0.238312	0.830328	-1.20434	0.000161595	0.379237	-2.63687	0.575152	1.08899	1.08899	0.186525	0.809935	-1.23467	0.10525	1.30533	1.30533	0.00908759	1.64708	1.64708	0.248336	1.19921	1.19921	0.115416	0.772867	-1.29388	8.3366	2.99209	0.319031	1
cg26889226	NEURL4;NEURL4	0.00362062	0.216702	0.808445	-1.23694	0.99957	1.00009	1.00009	0.90119	0.979886	-1.02053	0.0122324	0.600135	-1.66629	0.731456	0.945204	-1.05797	0.497356	1.11931	1.11931	5.98E-05	0.297018	-3.36679	0.826904	1.03648	1.03648	0.430197	1.14079	1.14079	8.09127	3.42928	0.376733	1
cg23599229	NEURL4;NEURL4	0.00583467	0.0371279	0.393618	-2.54054	0.367302	0.699903	-1.42877	0.512107	0.774011	-1.29197	0.110637	1.95379	1.95379	0.00671572	0.258109	-3.87433	0.00274912	0.20351	-4.91377	0.00132894	0.165586	-6.03915	0.925376	0.964549	-1.03675	0.0135614	0.308207	-3.24457	6.99922	16.4553	2.08979	1
cg04514024	NEURL4;NEURL4	0.00793857	0.00188584	0.247552	-4.03955	0.642437	1.15972	1.15972	0.00338291	0.282828	-3.53572	0.0518908	0.49609	-2.01576	0.521902	0.814074	-1.22839	0.137894	1.65914	1.65914	0.0706396	1.89688	1.89688	0.224481	0.667404	-1.49834	0.0370369	0.464226	-2.15412	6.35955	10.1153	1.41383	1
cg24965497	NEURL4;NEURL4	0.0111925	0.874416	0.966571	-1.03459	0.00217957	2.51994	2.51994	0.664956	1.09819	1.09819	0.0205976	0.549098	-1.82117	0.183776	0.738501	-1.3541	0.00929773	0.49197	-2.03264	0.141122	0.71161	-1.40526	0.22	1.31947	1.31947	0.613002	1.11588	1.11588	5.70055	4.17193	0.650531	1
cg25489746	NEURL4;NEURL4	0.0135386	0.73561	0.933197	-1.07159	0.867586	0.966532	-1.03463	0.888337	0.971747	-1.02907	0.668314	0.915825	-1.09191	0.742146	1.06967	1.06967	0.00715207	2.03102	2.03102	0.0521242	1.56938	1.56938	0.304034	1.24254	1.24254	0.0012314	0.381365	-2.62216	5.3585	3.5318	0.585869	1
cg01825148	NEURL4;NEURL4	0.0147789	0.792277	0.959676	-1.04202	0.00100632	2.1409	2.1409	0.810922	1.03808	1.03808	0.972584	0.994655	-1.00537	0.0670624	0.726082	-1.37726	0.35488	0.862067	-1.16	0.0166371	0.63381	-1.57776	0.529347	0.905404	-1.10448	0.228519	1.21785	1.21785	5.20618	2.00524	0.342369	1
cg20734996	NEURL4;NEURL4	0.024011	0.0320363	0.395623	-2.52766	0.0040792	0.240988	-4.14958	0.178736	0.590147	-1.69449	0.273799	0.656774	-1.52259	0.0300015	0.389688	-2.56615	0.0217083	0.361568	-2.76573	0.011604	0.311956	-3.20558	0.0118676	0.313635	-3.18842	0.251133	0.642331	-1.55683	4.4187	9.53778	1.91867	1
cg13606988	NEURL4;NEURL4	0.0251547	0.36538	0.86021	-1.16251	0.0132272	1.64411	1.64411	0.0706929	1.38681	1.38681	0.337209	1.17374	1.17374	0.516714	0.899025	-1.11232	0.612955	0.920729	-1.0861	0.00148352	2.10057	2.10057	0.81936	1.03773	1.03773	0.821556	0.964085	-1.03725	4.34789	1.8051	0.369038	1
cg11234875	NEURL4;NEURL4	0.0309142	0.205864	0.854709	-1.16999	0.136184	0.827869	-1.20792	0.0077716	0.668904	-1.49498	0.0165015	0.708488	-1.41146	0.00274874	0.614997	-1.62602	0.141466	0.830261	-1.20444	0.0723841	0.789878	-1.26602	0.318126	0.885685	-1.12907	0.089299	0.802183	-1.2466	4.04342	0.886327	0.194846	1
cg21392845	NEURL4;NEURL4	0.0313969	0.27166	0.800986	-1.24846	0.104744	0.70904	-1.41036	0.0402695	0.631597	-1.58329	0.0671489	0.671733	-1.48869	0.00216201	0.433903	-2.30466	0.361383	0.833642	-1.19956	0.97402	0.993705	-1.00634	0.0980264	0.703308	-1.42185	0.1288	1.37482	1.37482	4.02114	2.39507	0.529441	1
cg01492724	NEURL4;NEURL4	0.0315276	0.462141	0.834217	-1.19873	0.0048915	0.405296	-2.46733	0.151114	0.688983	-1.45141	0.661331	1.11265	1.11265	0.00295769	0.372321	-2.68586	0.0989179	0.645257	-1.54977	0.796334	0.93929	-1.06463	0.45812	1.20076	1.20076	0.662377	0.899073	-1.11226	4.01518	3.7289	0.825514	1
cg00654296	NEURL4;NEURL4	0.0376293	0.767285	0.889173	-1.12464	0.077424	0.459792	-2.1749	0.0593977	0.430702	-2.32179	0.284927	0.644264	-1.55216	0.0765326	0.458477	-2.18113	0.00951081	0.272461	-3.67025	0.00290175	0.197831	-5.05481	0.0631514	0.437247	-2.28704	0.25591	0.625356	-1.59909	3.76661	9.34636	2.20566	1
cg16340178	NEURL4;NEURL4;GPS2	0.000204151	0.148206	1.1664	1.1664	0.689235	0.960895	-1.0407	0.0389625	0.788855	-1.26766	7.06E-06	2.68017	2.68017	0.290507	1.115	1.115	0.364108	0.911602	-1.09697	0.000676184	0.597071	-1.67484	0.170014	1.15608	1.15608	0.222865	0.880637	-1.13554	18.2691	2.84938	0.138637	1
cg13248200	NEURL4;NEURL4;GPS2	0.000543517	0.0153869	0.730809	-1.36835	0.0133409	1.38161	1.38161	0.515682	1.07197	1.07197	1.92E-05	2.4972	2.4972	0.338079	1.10975	1.10975	0.879356	0.984111	-1.01615	0.000783188	1.70843	1.70843	0.382197	1.09911	1.09911	0.600028	1.05738	1.05738	13.9631	2.45907	0.156544	1
cg12391328	NEURL4;NEURL4;GPS2	0.00656107	0.0273826	0.336454	-2.97217	0.0139996	3.54843	3.54843	0.331837	1.51872	1.51872	0.0489144	2.55629	2.55629	0.33351	0.659458	-1.5164	0.0169563	0.296587	-3.37169	0.00457293	0.206817	-4.83519	0.607519	1.24139	1.24139	0.0227499	0.320515	-3.11998	6.74975	18.6226	2.45246	1
cg12282267	NEURL4;NEURL4;GPS2	0.0143529	0.0063297	0.320357	-3.12152	0.845797	0.939556	-1.06433	0.0493813	2.05065	2.05065	0.0184503	2.49747	2.49747	0.163034	0.62078	-1.61088	0.898733	0.960051	-1.04161	0.0116177	0.364168	-2.74599	0.530984	1.22533	1.22533	0.134021	0.596042	-1.67773	5.25665	8.53619	1.44345	1
cg01431993	NEUROD1	1.22E-05	2.29E-05	10.5089	10.5089	0.000234383	5.43745	5.43745	0.000106722	6.67212	6.67212	0.883828	0.960226	-1.04142	0.657162	1.13201	1.13201	0.015728	0.439707	-2.27424	0.069295	0.568866	-1.75788	8.38E-07	38.4704	38.4704	0.0050117	2.80302	2.80302	38.4917	46.9751	1.0848	1
cg06963053	NEUROD1	5.10E-05	0.00463863	0.631063	-1.58463	0.00581255	1.55515	1.55515	0.0632456	1.29093	1.29093	2.06E-06	0.239414	-4.17686	0.283917	0.872772	-1.14577	0.409278	0.901982	-1.10867	9.98E-05	0.430067	-2.32522	0.155932	0.830636	-1.2039	0.272286	1.14991	1.14991	26.4848	6.26778	0.210361	1
cg02836529	NEUROD1	0.000307634	0.315434	0.832893	-1.20063	0.228462	0.800387	-1.2494	0.108074	1.36185	1.36185	0.0181152	1.65793	1.65793	0.106457	0.733062	-1.36414	0.245505	0.80737	-1.23859	0.0030171	0.488588	-2.04672	9.74E-06	5.34555	5.34555	0.878431	1.02733	1.02733	16.3374	8.0291	0.43685	1
cg06714480	NEUROD1	0.000390184	0.100285	0.679138	-1.47245	0.0549209	1.59645	1.59645	0.000556558	3.16119	3.16119	0.0001024	4.38411	4.38411	0.417851	0.837016	-1.19472	0.0910153	1.49191	1.49191	0.159183	0.723735	-1.38172	0.000108243	4.33327	4.33327	0.784103	1.06079	1.06079	15.3047	11.1937	0.650129	1
cg11528849	NEUROD1	0.00154423	0.00805198	6.29399	6.29399	0.0221093	4.42425	4.42425	0.00606842	6.97189	6.97189	0.0570233	0.311299	-3.21235	0.990858	0.99381	-1.00623	0.00759076	0.155552	-6.42874	?	?	?	0.000541831	18.4388	18.4388	0.25862	1.8941	1.8941	10.6334	43.9637	4.13449	1
cg20806345	NEUROD1	0.0106634	0.179655	2.29245	2.29245	0.0866339	3.00935	3.00935	0.0140427	5.84309	5.84309	0.639271	0.759714	-1.31629	0.0108202	0.155166	-6.44469	0.0732208	0.312556	-3.19943	0.0190142	0.191506	-5.22178	0.0761201	3.15459	3.15459	0.113536	2.72478	2.72478	5.79015	31.075	4.77057	1
cg22976218	NEUROD1	0.0255886	0.403609	0.746698	-1.33923	0.0854318	1.91521	1.91521	0.217531	1.55796	1.55796	0.252793	1.50416	1.50416	0.51107	0.796274	-1.25585	0.357993	1.38135	1.38135	0.424934	0.756931	-1.32112	0.000725798	5.79287	5.79287	0.16988	1.64818	1.64818	4.32207	7.99557	1.64439	1
cg20709008	NEUROD1	0.0329221	0.722986	0.699049	-1.43052	0.265135	3.21634	3.21634	0.0345719	11.9298	11.9298	0.540273	0.535969	-1.86578	0.26161	0.308006	-3.24669	0.0125213	0.0439483	-22.754	0.244101	0.293493	-3.40723	0.0167377	18.872	18.872	0.29238	3.00089	3.00089	3.95341	63.3616	14.2463	1
cg19711579	NEUROD1	0.0426967	0.094742	0.688996	-1.45139	0.0727018	0.6662	-1.50105	0.368955	1.20585	1.20585	0.157544	0.735959	-1.35877	0.655179	1.09547	1.09547	0.331272	0.815995	-1.2255	0.00151867	0.395995	-2.52528	0.4977	0.869659	-1.14988	0.918556	1.02096	1.02096	3.5953	2.34314	0.57931	1
cg03578473	NEUROD1	0.0497628	0.0861145	5.32364	5.32364	0.3161	2.49412	2.49412	0.0486018	7.28875	7.28875	0.273904	2.72896	2.72896	0.079392	5.568	5.568	0.187828	0.292093	-3.42357	0.0750667	0.174139	-5.74254	0.0227149	11.0747	11.0747	0.154117	3.83922	3.83922	3.39426	41.7971	10.9458	1
cg21046967	NEUROD2	1.75E-07	0.00120924	1.92171	1.92171	2.12E-05	3.25615	3.25615	6.45E-06	3.9977	3.9977	1.10E-05	3.63494	3.63494	0.937356	1.01089	1.01089	6.65E-06	3.97597	3.97597	1.16E-05	0.277652	-3.60163	6.91E-09	28.3819	28.3819	0.00036849	2.19454	2.19454	114.221	34.364	0.267428	1
cg18016730	NEUROD2	0.00485877	0.221714	1.16112	1.16112	0.0958063	1.2371	1.2371	0.0013066	1.7235	1.7235	0.0127747	1.43301	1.43301	0.398724	1.10571	1.10571	0.17387	0.845126	-1.18326	0.00432682	0.641733	-1.55828	0.215863	0.859424	-1.16357	0.224172	0.861987	-1.16011	7.40301	1.58608	0.190443	1
cg15382095	NEUROD2	0.00590995	0.908824	0.968963	-1.03203	0.838123	1.05791	1.05791	0.0625266	1.78048	1.78048	0.707991	1.1091	1.1091	0.538655	0.842549	-1.18688	0.892014	0.963309	-1.03809	0.609586	0.867845	-1.15228	7.56E-05	7.21501	7.21501	0.256137	1.38572	1.38572	6.97162	8.36277	1.06626	1
cg13621679	NEUROD2	0.00845152	0.651248	1.32296	1.32296	0.0217118	0.183642	-5.44537	0.244509	0.472932	-2.11447	0.0177888	5.88425	5.88425	0.496974	1.5283	1.5283	0.333523	1.84686	1.84686	0.262899	0.487778	-2.05012	0.000578817	26.4224	26.4224	0.404704	1.68939	1.68939	6.23528	37.3557	5.32536	1
cg20153196	NEUROD2	0.0147396	0.183863	0.675762	-1.47981	0.0269137	2.07196	2.07196	0.956217	0.984854	-1.01538	0.052009	1.84875	1.84875	0.0679799	0.566529	-1.76513	0.213317	1.43951	1.43951	0.00178081	3.44329	3.44329	0.153641	1.52907	1.52907	0.315676	0.749467	-1.33428	5.21077	6.37718	1.08786	1
cg21237313	NEUROD2	0.0182041	0.0184959	1.61577	1.61577	0.231228	0.809844	-1.23481	0.0801734	1.38544	1.38544	0.0124358	0.59307	-1.68614	0.0487083	1.45953	1.45953	0.689445	0.934761	-1.06979	0.012191	1.68978	1.68978	0.818176	1.03943	1.03943	0.277331	1.20895	1.20895	4.85667	2.16974	0.397115	1
cg01293647	NEUROD2	0.0201012	0.713831	1.09386	1.09386	0.949515	1.01554	1.01554	0.00655653	2.36346	2.36346	0.858316	1.04449	1.04449	0.52754	1.16872	1.16872	0.613639	0.883376	-1.13202	0.00148792	0.327578	-3.05271	0.565896	1.15183	1.15183	0.291354	1.30563	1.30563	4.6965	4.41284	0.8352	1
cg23793194	NEUROD2	0.0222911	0.612812	0.882093	-1.13367	0.0038865	2.60094	2.60094	0.00775734	2.31774	2.31774	0.254397	1.33987	1.33987	0.412922	0.814004	-1.22849	0.342396	1.27187	1.27187	0.0439955	0.566091	-1.7665	0.207882	1.38605	1.38605	0.939084	0.981386	-1.01897	4.53343	4.33942	0.850848	1
cg18559249	NEUROD2	0.0312936	0.00108261	0.185469	-5.39174	0.279799	1.48049	1.48049	0.426369	0.753037	-1.32796	0.278023	1.48281	1.48281	0.370893	1.37833	1.37833	0.312949	1.43978	1.43978	0.57312	0.819686	-1.21998	0.828416	1.07875	1.07875	0.142734	0.576854	-1.73354	4.02587	7.7762	1.71694	1
cg13225166	NEUROD2	0.0401964	0.0108899	37.7612	37.7612	0.460972	2.34579	2.34579	0.745897	1.44681	1.44681	0.682103	0.626359	-1.59653	0.0190551	0.0398014	-25.1247	0.356987	0.340899	-2.93342	0.530674	0.486031	-2.05748	0.022669	22.1836	22.1836	0.606147	0.553884	-1.80543	3.6765	75.1387	18.1667	1
cg06081306	NEUROD2	0.0425741	0.0720144	0.713386	-1.40176	0.050815	0.687838	-1.45383	0.270551	0.824539	-1.2128	0.584414	1.09734	1.09734	0.253159	0.818145	-1.22228	0.962374	0.992098	-1.00797	0.00463973	0.530823	-1.88387	0.267848	1.21423	1.21423	0.133843	1.31248	1.31248	3.59914	1.61226	0.398182	1
cg06865992	NEUROD2	0.0472606	0.62447	1.15431	1.15431	0.69654	1.12075	1.12075	0.0944666	1.7069	1.7069	0.0872715	1.73179	1.73179	0.859624	1.05284	1.05284	0.702451	1.11811	1.11811	0.00273993	0.300413	-3.32875	0.397623	1.2865	1.2865	0.239057	1.43138	1.43138	3.46119	4.63777	1.19105	1
cg18238996	NEUROD4	9.72E-06	?	?	?	0.000117952	0.255366	-3.91595	0.000806262	0.359173	-2.78417	0.000730434	0.353478	-2.82903	0.660283	1.09371	1.09371	0.368101	1.20591	1.20591	2.31E-07	0.0430621	-23.2223	0.00103663	0.373836	-2.67497	0.322356	0.812983	-1.23004	41.9571	24.2286	0.577461	1
cg20207414	NEUROD4	0.000745552	0.568907	1.18334	1.18334	0.114278	0.605166	-1.65244	0.00643118	0.354776	-2.81868	0.78383	0.922746	-1.08372	0.00154992	0.26429	-3.78372	0.346389	1.32778	1.32778	1.73E-05	0.0762207	-13.1198	0.130109	0.62	-1.6129	0.075307	0.560464	-1.78424	12.7829	17.3067	1.20346	1
cg11999488	NEUROD4	0.00126428	0.550541	0.929093	-1.07632	0.0118933	1.46565	1.46565	0.829376	1.02663	1.02663	0.093746	1.25161	1.25161	0.0731199	1.27555	1.27555	0.135361	0.822012	-1.21653	0.000412333	0.505235	-1.97928	0.000334163	2.02321	2.02321	0.492368	1.08862	1.08862	11.0065	2.58483	0.208752	1
cg15545660	NEUROD4	0.00250292	0.27729	0.723665	-1.38186	0.0112082	2.48349	2.48349	0.436958	0.79693	-1.25482	0.160365	0.650965	-1.53618	0.00308745	0.313742	-3.18733	0.320745	0.745526	-1.34134	0.000210756	0.169721	-5.89204	0.00767706	0.375042	-2.66636	0.366444	0.766749	-1.30421	9.02894	11.7168	1.1535	1
cg19470832	NEUROD4	0.00259044	0.745611	0.881337	-1.13464	0.678882	0.850836	-1.17531	0.00293776	0.204942	-4.87943	0.216703	0.603875	-1.65597	0.0091361	0.276684	-3.61423	0.065323	0.448072	-2.23178	5.37E-05	0.0537589	-18.6016	0.235204	0.617081	-1.62053	0.297005	0.657348	-1.52126	8.93799	21.3135	2.11964	1
cg05735075	NEUROD4	0.007417	0.0917449	0.494818	-2.02094	0.610015	0.822887	-1.21523	0.0158772	0.326479	-3.06298	0.178973	1.71776	1.71776	0.110157	0.516951	-1.93442	0.383908	1.40261	1.40261	0.000304854	0.108253	-9.23758	0.308324	1.4912	1.4912	0.653297	1.1869	1.1869	6.49661	14.7757	2.02166	1
cg23016257	NEUROD6	0.00676533	0.286237	1.27503	1.27503	0.054388	1.61429	1.61429	0.0233933	0.55198	-1.81166	0.225074	0.756129	-1.32253	0.00180649	0.377758	-2.6472	0.0333377	1.72569	1.72569	0.212866	0.749888	-1.33353	0.487655	1.16731	1.16731	0.0202287	1.84843	1.84843	6.68575	5.09666	0.677615	1
cg25597535	NEUROD6	0.0298561	0.31685	0.677556	-1.47589	0.00115599	0.16598	-6.02484	0.560437	0.801348	-1.2479	0.72263	1.14347	1.14347	0.247331	0.634433	-1.57621	0.918983	0.96245	-1.03902	0.0697226	0.466251	-2.14477	0.0174718	0.33679	-2.96921	0.535372	1.26634	1.26634	4.09381	9.17537	1.99225	1
cg07781035	NEUROG1	2.65E-06	0.199837	0.649919	-1.53865	0.657839	0.867783	-1.15236	0.0117238	0.367219	-2.72317	1.06E-06	57.7438	57.7438	0.134629	0.598575	-1.67064	0.83689	0.936518	-1.06778	0.00316863	0.277324	-3.60589	1.72E-07	169.313	169.313	0.669138	1.14656	1.14656	57.1259	91.5811	1.42502	1
cg17772342	NEUROG1	1.13E-05	0.984059	0.996242	-1.00377	0.706656	0.931222	-1.07386	0.176686	0.762864	-1.31085	1.61E-05	5.34631	5.34631	0.448945	0.864653	-1.15653	0.847132	1.03704	1.03704	0.0416628	0.642369	-1.55674	2.65E-07	17.741	17.741	0.893011	1.02569	1.02569	39.3128	22.1164	0.500067	1
cg14958635	NEUROG1	1.71E-05	0.0493443	0.539702	-1.85287	2.37E-05	10.1603	10.1603	0.0385059	0.517322	-1.93303	1.08E-05	13.1936	13.1936	0.192227	0.684213	-1.46153	0.304621	1.33948	1.33948	0.00629915	0.375967	-2.65981	5.58E-06	16.7417	16.7417	0.465622	1.22647	1.22647	35.268	42.2199	1.0641	1
cg22630755	NEUROG1	5.05E-05	0.620176	0.783547	-1.27625	0.0181058	4.06102	4.06102	0.00324006	0.140779	-7.10331	0.000257292	18.8702	18.8702	0.648085	0.799024	-1.25153	0.435718	0.678235	-1.47441	0.033814	0.298213	-3.35331	1.86E-06	324.902	324.902	0.294293	0.587963	-1.70079	26.5573	100.265	3.35595	1
cg00513205	NEUROG1	5.69E-05	0.181286	1.36578	1.36578	0.0013651	2.77516	2.77516	0.0195472	0.538046	-1.85858	0.309846	0.793877	-1.25964	0.505143	1.16013	1.16013	0.0180545	0.532132	-1.87923	1.85E-06	0.0739677	-13.5194	0.0052104	2.24732	2.24732	0.134485	1.42541	1.42541	25.7251	19.6565	0.679199	1
cg08285915	NEUROG1	0.000132641	0.00973966	2.17299	2.17299	0.0462678	1.71945	1.71945	0.018095	0.505874	-1.97678	0.391354	0.811819	-1.2318	0.0231412	0.524876	-1.90521	0.108254	0.659719	-1.5158	7.46E-06	0.0962359	-10.3911	0.000716765	3.39567	3.39567	0.930999	1.02077	1.02077	20.5254	18.3184	0.793314	1
cg25640822	NEUROG1	0.000136532	0.907578	1.05034	1.05034	0.187341	1.80573	1.80573	0.140929	0.511864	-1.95364	3.37E-05	29.9325	29.9325	0.996115	1.00206	1.00206	0.579269	0.789111	-1.26725	0.132772	0.503622	-1.98562	7.66E-06	63.8075	63.8075	0.968438	1.01687	1.01687	20.3664	57.6863	2.51771	1
cg24899138	NEUROG1	0.000450106	0.61666	0.847682	-1.17969	0.00695176	3.13743	3.13743	0.0531344	0.487025	-2.05328	0.566473	1.20892	1.20892	0.892577	1.04523	1.04523	0.362498	0.736058	-1.35859	8.94E-06	0.0427807	-23.375	0.107958	1.77583	1.77583	0.606589	1.18539	1.18539	14.7128	24.9801	1.5092	1
cg11248413	NEUROG1	0.000464866	0.69534	0.859139	-1.16396	0.0164189	3.09954	3.09954	0.32435	0.675278	-1.48087	0.000188264	11.359	11.359	0.713746	0.867512	-1.15272	0.892865	1.05336	1.05336	0.636198	0.832094	-1.20179	2.00E-05	27.9227	27.9227	0.84415	0.926884	-1.07888	14.582	34.3674	2.09497	1
cg04330449	NEUROG1	0.000707627	0.448906	0.677451	-1.47612	0.00184491	9.31232	9.31232	0.050154	0.32403	-3.08614	0.000111091	30.8932	30.8932	0.907832	0.943231	-1.06019	0.328441	1.66365	1.66365	0.77181	0.863517	-1.15805	0.000204053	23.1406	23.1406	0.97452	0.984012	-1.01625	12.9715	52.3157	3.58501	1
cg04620091	NEUROG1	0.00179998	0.920077	1.05652	1.05652	0.244376	1.94882	1.94882	0.600877	0.748873	-1.33534	0.000645097	17.6032	17.6032	0.649877	0.778513	-1.2845	0.124789	0.402365	-2.48531	0.193752	0.470794	-2.12407	0.000112519	41.1666	41.1666	0.767816	0.850272	-1.17609	9.94182	47.2611	4.22557	1
cg14747563	NEUROG1	0.00328147	0.590137	0.679378	-1.47193	0.213864	2.53562	2.53562	0.182171	0.365448	-2.73637	0.00292778	18.2779	18.2779	0.170599	0.354377	-2.82186	0.213051	0.393661	-2.54026	0.64219	0.71702	-1.39466	0.000167429	95.1419	95.1419	0.981649	1.01649	1.01649	8.33277	66.6984	7.11498	1
cg04063589	NEUROG1	0.00335915	0.394318	0.707179	-1.41407	0.155284	1.82925	1.82925	0.306952	0.657047	-1.52196	0.00123521	6.52477	6.52477	0.170928	0.56047	-1.78422	0.828023	1.09024	1.09024	0.477051	0.750432	-1.33257	0.000230584	11.3388	11.3388	0.76839	0.889347	-1.12442	8.27479	20.6669	2.22006	1
cg02604503	NEUROG1	0.00361613	0.111518	2.04173	2.04173	0.0232612	3.05528	3.05528	0.115911	0.494758	-2.02119	0.459269	1.36384	1.36384	0.353629	0.67502	-1.48144	0.305377	0.645933	-1.54815	0.000648724	0.116028	-8.61863	0.00322564	5.23257	5.23257	0.150127	1.88756	1.88756	8.09428	21.7395	2.38737	1
cg18362330	NEUROG1	0.00526309	0.231138	1.37474	1.37474	0.00557671	2.51534	2.51534	0.0277224	0.517196	-1.9335	0.499757	0.840649	-1.18956	0.15096	1.47695	1.47695	0.0539059	0.574365	-1.74105	0.0010696	0.293808	-3.40359	0.135346	1.50359	1.50359	0.862906	1.04477	1.04477	7.22443	7.34596	0.903842	1
cg13336665	NEUROG1	0.00701521	0.159316	1.81389	1.81389	0.0142924	3.30726	3.30726	0.999709	0.999856	-1.00014	0.650787	1.19772	1.19772	0.231385	1.64379	1.64379	0.420789	0.722078	-1.38489	0.000560115	0.120227	-8.31759	0.0599124	2.31733	2.31733	0.0640964	2.27913	2.27913	6.61064	16.4112	2.2067	1
cg12065579	NEUROG1	0.0107716	0.483052	0.601037	-1.66379	0.467836	1.69481	1.69481	0.507531	0.618687	-1.61633	0.010914	9.79547	9.79547	0.27587	0.445071	-2.24683	0.523618	0.630267	-1.58663	0.862465	0.883526	-1.13183	0.000357816	59.7825	59.7825	0.631665	1.41191	1.41191	5.77138	46.621	7.18041	1
cg04469059	NEUROG1	0.0198238	0.615584	0.651291	-1.53541	0.236937	2.85619	2.85619	0.239678	0.352465	-2.83716	0.0144321	12.8527	12.8527	0.202986	0.320375	-3.12134	0.962492	0.960953	-1.04063	0.703966	0.723731	-1.38173	0.00110973	58.5616	58.5616	0.398198	2.08055	2.08055	4.71872	53.6114	10.099	1
cg08451582	NEUROG1	0.0221197	0.0546167	3.08665	3.08665	0.0112005	5.17109	5.17109	0.49512	0.699001	-1.43061	0.204648	1.99755	1.99755	0.617051	1.29773	1.29773	0.944389	1.03672	1.03672	0.048558	0.311976	-3.20538	0.00578568	6.48222	6.48222	0.054877	3.08194	3.08194	4.54547	19.2391	3.76231	1
cg22734397	NEUROG1	0.0264852	0.890043	0.872219	-1.1465	0.180127	4.08309	4.08309	0.485735	0.496539	-2.01394	0.00964875	25.467	25.467	0.286108	0.334578	-2.98884	0.989603	0.987204	-1.01296	0.560984	0.559333	-1.78784	0.00166246	85.3302	85.3302	0.681198	1.50422	1.50422	4.27037	66.0666	13.7519	1
cg19951663	NEUROG1;NEUROG1	0.00029782	0.752035	0.913469	-1.09473	0.167042	1.52289	1.52289	0.166167	0.656003	-1.52438	0.000158058	6.32795	6.32795	0.656305	0.87995	-1.13643	0.738747	0.908854	-1.10029	0.68504	0.890092	-1.12348	9.55E-06	15.2443	15.2443	0.564043	1.18118	1.18118	16.483	21.2832	1.14775	1
cg04897683	NEUROG1;NEUROG1	0.000915295	0.819601	0.897017	-1.11481	0.00149076	8.83988	8.83988	0.285063	1.69602	1.69602	0.000208744	19.1453	19.1453	0.611763	0.783862	-1.27574	0.320571	1.62953	1.62953	0.387885	0.656354	-1.52357	9.40E-05	27.4521	27.4521	0.442965	1.45086	1.45086	12.0651	43.2532	3.18665	1
cg11144641	NEUROG1;NEUROG1	0.000956737	0.614046	0.741383	-1.34883	0.00121262	16.2428	16.2428	0.405491	0.606033	-1.65008	0.000681264	21.2119	21.2119	0.468748	0.648056	-1.54308	0.805633	1.15613	1.15613	0.365069	0.578305	-1.72919	8.52E-05	63.6925	63.6925	0.90444	0.931765	-1.07323	11.9149	65.3442	4.87488	1
cg08587845	NEUROG1;NEUROG1	0.00250651	0.0152522	0.386891	-2.58471	0.00516764	0.308289	-3.24371	0.00327418	0.278751	-3.58743	0.0304709	0.444636	-2.24903	0.0112622	0.36355	-2.75065	0.0570347	0.503445	-1.98631	0.000148197	0.125098	-7.99375	0.00322593	0.277823	-3.59942	0.139372	0.602304	-1.66029	9.02513	14.519	1.42999	1
cg11946503	NEUROG1;NEUROG1	0.00637581	0.0391596	0.307299	-3.25416	0.0123314	0.214287	-4.66664	0.00521161	0.161646	-6.18637	0.0417283	0.313356	-3.19126	0.0288971	0.279841	-3.57346	0.121105	0.435644	-2.29545	0.000612116	0.0736035	-13.5863	0.00257302	0.126673	-7.89437	0.218073	0.527036	-1.8974	6.80999	26.3577	3.4404	1
cg10832108	NEUROG1;NEUROG1	0.0083062	0.0209491	0.331802	-3.01384	0.00921701	0.269099	-3.7161	0.00277504	0.194316	-5.14624	0.031385	0.366937	-2.72526	0.0509988	0.413665	-2.41742	0.103113	0.492605	-2.03002	0.00117222	0.150837	-6.62965	0.0089632	0.267147	-3.74326	0.254662	0.623556	-1.6037	6.26951	15.6588	2.2201	1
cg09707262	NEUROG2	0.00846696	0.0509062	0.644844	-1.55076	0.0137241	1.82425	1.82425	0.0195023	1.74542	1.74542	0.0376413	0.621424	-1.60921	0.57847	0.89518	-1.11709	0.00729982	0.505335	-1.97889	0.0807709	0.682465	-1.46528	0.9794	0.994919	-1.00511	0.0790623	1.46915	1.46915	6.23168	3.84142	0.547942	1
cg17031795	NEUROG2	0.0191078	0.0578232	0.441806	-2.26344	0.862753	1.06812	1.06812	0.94447	0.973818	-1.02689	0.0509883	2.33181	2.33181	0.272398	0.647194	-1.54513	0.0169573	0.329858	-3.03161	0.0590101	0.443936	-2.25258	0.011192	3.35594	3.35594	0.0866512	0.486368	-2.05606	4.77791	10.9771	2.0422	1
cg15463803	NEUROG2	0.0335882	0.431177	1.26403	1.26403	0.140225	1.58846	1.58846	0.083781	1.74728	1.74728	0.299938	1.36789	1.36789	0.815571	0.934132	-1.07051	0.250803	1.41898	1.41898	0.227442	0.691073	-1.44702	0.00896621	2.63603	2.63603	0.00311774	3.25103	3.25103	3.92504	5.28689	1.1973	1
cg07131451	NEUROG2;NEUROG2	0.00661458	0.0330239	1.91087	1.91087	0.0293648	0.513456	-1.94759	0.640585	1.12992	1.12992	0.788192	1.07245	1.07245	0.712401	0.908301	-1.10096	0.166277	1.46731	1.46731	0.701205	0.904705	-1.10533	0.0816953	1.65067	1.65067	0.000242353	4.8393	4.8393	6.73275	7.19514	0.949936	1
cg06973667	NEUROG3	0.002876	0.69483	1.07518	1.07518	0.00682973	1.90456	1.90456	0.0479205	0.659818	-1.51557	0.0380778	1.55589	1.55589	0.506085	0.883338	-1.13207	0.698851	0.931018	-1.07409	0.0205237	0.5986	-1.67057	0.000305672	2.93958	2.93958	0.0998463	1.39314	1.39314	8.66598	4.63972	0.475907	1
cg09154558	NEUROG3	0.0154509	0.479214	0.899356	-1.11191	0.045959	0.713686	-1.40118	0.139443	0.790938	-1.26432	0.15222	0.797583	-1.25379	0.271663	1.18382	1.18382	0.0384596	1.42423	1.42423	0.0179741	0.654447	-1.52801	0.0126221	1.57981	1.57981	0.0580259	0.729087	-1.37158	5.13014	1.76689	0.306145	1
cg03000585	NEXN	0.000288816	0.000644696	0.253414	-3.94611	0.000602711	0.249794	-4.00331	0.0143128	0.452988	-2.20757	0.00471228	0.373596	-2.67669	0.00022873	0.200858	-4.97865	0.00017649	0.188765	-5.2976	0.000269041	0.208644	-4.79285	0.000232181	0.201569	-4.96108	0.0276083	0.505129	-1.97969	16.622	18.0977	0.967805	1
cg11687773	NEXN	0.00149463	0.000606552	0.328438	-3.04471	0.107803	0.690956	-1.44727	0.0942591	0.678727	-1.47335	0.0164865	1.85378	1.85378	0.0197616	0.552665	-1.80941	0.00320224	0.428412	-2.3342	0.00248465	0.412397	-2.42485	0.0062073	0.471582	-2.12052	0.0034671	0.433487	-2.30687	10.4904	7.37334	0.624769	1
cg24427376	NEXN	0.00214295	0.00249465	0.359581	-2.78101	0.458463	0.832129	-1.20174	0.137821	0.677743	-1.47548	0.0791328	0.62219	-1.60723	0.000359584	0.248261	-4.02803	0.0523107	0.584359	-1.71128	0.00041616	0.255919	-3.90748	0.130091	0.67165	-1.48887	0.00186224	0.341409	-2.92904	9.44961	8.86821	0.834199	1
cg17733084	NEXN	0.0211331	0.016884	0.467744	-2.13792	0.348644	0.777609	-1.28599	0.0841306	0.607643	-1.6457	0.0156539	0.461902	-2.16496	0.0442039	0.54739	-1.82685	0.807506	1.0657	1.0657	0.00364698	0.358742	-2.78752	0.0761979	0.597909	-1.6725	0.00960653	0.425437	-2.35052	4.61705	4.96931	0.956707	1
cg25287153	NEXN	0.0378448	0.571233	0.824709	-1.21255	0.517231	0.801599	-1.24751	0.34987	0.723178	-1.38279	0.593769	0.834165	-1.1988	0.00618683	0.300447	-3.32837	0.0621971	0.493073	-2.0281	0.00581878	0.296292	-3.37505	0.478535	1.27463	1.27463	0.0294813	0.421703	-2.37134	3.75876	6.75287	1.59695	1
cg12663357	NEXN	0.0444351	0.122534	0.71027	-1.40791	0.664005	1.09347	1.09347	0.191122	0.753536	-1.32708	0.703824	0.924884	-1.08122	0.127387	0.713887	-1.40078	0.196154	0.756209	-1.32239	0.00324765	2.27188	2.27188	0.933455	1.01722	1.01722	0.205262	0.760922	-1.3142	3.54223	2.34484	0.588417	1
cg04663956	NF1;NF1	0.000304301	0.116752	0.635986	-1.57236	0.0423533	0.537443	-1.86066	0.000842671	0.263594	-3.79372	0.531627	0.845128	-1.18325	0.0296541	0.506686	-1.97361	0.234337	0.718152	-1.39246	1.28E-05	0.0874439	-11.4359	0.00374401	2.82775	2.82775	0.379397	1.27058	1.27058	16.3861	18.3031	0.992874	1
cg10186605	NF1;NF1	0.00266263	0.0059297	0.261176	-3.82883	0.020612	0.353393	-2.82971	0.00450299	0.243535	-4.10618	0.314204	0.678223	-1.47444	0.0516969	0.437773	-2.28429	0.819414	0.918231	-1.08905	0.00110458	0.166294	-6.01346	0.00396721	4.24248	4.24248	0.10844	0.520354	-1.92177	8.86581	19.5408	1.95916	1
cg21995039	NF1;NF1	0.00362966	0.531943	1.07779	1.07779	0.00136344	0.576958	-1.73323	0.00473294	0.641472	-1.55891	0.855691	1.02178	1.02178	0.88071	0.982388	-1.01793	0.0303862	1.35138	1.35138	0.00902602	1.48107	1.48107	0.860342	1.02106	1.02106	0.0144224	0.69991	-1.42876	8.08522	1.79295	0.197117	1
cg23376470	NF1;NF1	0.00452149	0.981876	1.00605	1.00605	0.00101383	0.273844	-3.65172	0.00362477	0.351405	-2.84572	0.0597978	1.75808	1.75808	0.188017	1.4486	1.4486	0.0307272	0.509571	-1.96243	0.0670912	1.72496	1.72496	0.17907	1.46108	1.46108	0.442454	0.812171	-1.23127	7.56677	8.45736	0.993509	1
cg23749448	NF1;NF1	0.0120067	0.0274247	1.66941	1.66941	0.00183469	0.419213	-2.38542	0.246006	0.787944	-1.26913	0.863176	1.03446	1.03446	0.119614	0.717682	-1.39337	0.037538	1.60644	1.60644	0.0597355	1.51791	1.51791	0.590121	1.11273	1.11273	0.324544	0.818857	-1.22121	5.57248	3.40543	0.543213	1
cg00263307	NF1;NF1	0.0261935	0.908299	0.974864	-1.02578	0.0788399	0.649737	-1.53908	0.00970772	0.485389	-2.06021	0.12668	1.44053	1.44053	0.338911	0.804299	-1.24332	0.834611	1.04728	1.04728	0.00677392	2.17141	2.17141	0.720754	1.08253	1.08253	0.169613	0.723799	-1.3816	4.28695	3.31419	0.68719	1
cg07917842	NF1;NF1	0.0275452	0.133974	0.773985	-1.29201	0.0118654	0.607795	-1.64529	0.350883	0.858813	-1.1644	0.282355	0.837704	-1.19374	0.812603	1.03837	1.03837	0.391816	1.14921	1.14921	0.00294116	1.91059	1.91059	0.945113	1.01097	1.01097	0.772814	0.95515	-1.04696	4.21199	1.67634	0.353771	1
cg20368567	NF1;NF1;EVI2A;EVI2A	0.0391795	0.393416	0.856662	-1.16732	0.510684	1.12533	1.12533	0.77226	0.94994	-1.0527	0.37852	0.852236	-1.17338	0.00701716	0.539612	-1.85318	0.0609586	1.45318	1.45318	0.858027	1.0322	1.0322	0.116718	0.739617	-1.35205	0.0125926	0.577492	-1.73163	3.71132	1.84086	0.4409	1
cg22289810	NF1;NF1;NF1	0.00102497	0.000763562	0.403702	-2.47707	0.663936	0.925181	-1.08087	0.0051807	1.92799	1.92799	0.0135347	1.72227	1.72227	0.468566	1.14018	1.14018	0.51054	1.12606	1.12606	0.000571889	0.387223	-2.58249	0.048536	1.49313	1.49313	0.0427559	1.51419	1.51419	11.6845	5.8559	0.445483	1
cg20815026	NF1;NF1;NF1	0.0361274	?	?	?	0.253144	0.618844	-1.61592	0.0329711	0.36686	-2.72583	0.587436	1.24641	1.24641	0.351657	1.47022	1.47022	0.00886601	0.262007	-3.81669	0.567844	1.26132	1.26132	0.4221	1.39059	1.39059	0.0419541	2.56641	2.56641	3.88455	8.84165	2.27611	1
cg19856701	NF1;NF1;NF1	0.0408266	0.0426439	0.42488	-2.3536	0.0159036	0.338594	-2.95339	0.0209279	0.360923	-2.77068	0.0902594	0.504256	-1.98312	0.0190811	0.353276	-2.83064	0.225918	0.627277	-1.59419	0.0105528	0.307322	-3.25392	0.927675	0.967252	-1.03386	0.191658	0.60233	-1.66022	3.65546	7.78704	1.89356	1
cg13772849	NF1;NF1;OMG;OMG	0.0301073	0.468841	1.3718	1.3718	?	?	?	0.129521	0.495315	-2.01892	0.0592058	2.4935	2.4935	0.12944	0.49523	-2.01926	0.00555052	0.209531	-4.77255	0.250192	0.597244	-1.67436	0.121925	0.487169	-2.05268	0.192144	1.80795	1.80795	4.15024	10.7501	2.59023	1
cg18232597	NF1;OMG;NF1	0.0109143	0.648714	0.801562	-1.24756	0.000304064	0.0589786	-16.9553	0.0170731	0.246031	-4.06453	0.281651	1.71535	1.71535	0.979869	1.01224	1.01224	0.152583	0.477628	-2.09368	0.681223	0.81938	-1.22043	0.253379	0.562539	-1.77765	0.299926	1.6788	1.6788	5.74698	21.1703	3.27443	1
cg21850879	NF1;OMG;NF1	0.0403012	0.164888	0.412957	-2.42156	0.0187365	0.182596	-5.47657	0.164005	0.41209	-2.42665	0.473152	0.646915	-1.5458	0.0258543	0.206099	-4.85203	0.430978	0.618895	-1.61578	0.0803731	0.31417	-3.18299	0.0189823	5.44965	5.44965	0.294038	0.522204	-1.91496	3.67297	20.7289	5.01657	1
cg15400766	NF1P1	0.000518228	0.00756598	0.496192	-2.01535	0.000477626	0.32683	-3.05969	0.0167573	0.551292	-1.81392	0.0397847	0.615802	-1.6239	0.000247275	3.43639	3.43639	0.0874934	0.68061	-1.46927	0.0433597	1.60629	1.60629	0.0125893	0.531072	-1.88298	0.0321523	0.599374	-1.66841	14.1492	9.32282	0.585683	1
cg13671831	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.00154758	0.309418	0.815122	-1.22681	0.374612	1.19375	1.19375	0.071527	1.47858	1.47858	0.328429	1.21656	1.21656	0.0319861	0.613656	-1.62958	0.266191	1.2525	1.2525	3.13E-05	0.206442	-4.84398	0.190699	0.763935	-1.30901	0.941164	1.01445	1.01445	10.3857	6.21197	0.531666	1
cg01046673	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.00900418	0.00841861	2.75149	2.75149	0.0531158	1.9121	1.9121	0.958691	0.985137	-1.01509	0.880441	0.957416	-1.04448	?	?	?	0.00233664	3.66102	3.66102	0.0157643	0.413286	-2.41963	0.641432	0.873073	-1.14538	0.223403	0.688905	-1.45158	7.09568	8.17326	1.00788	1
cg14926439	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.0135566	0.656038	1.2011	1.2011	0.918552	0.959051	-1.0427	0.140135	1.91327	1.91327	0.00121191	0.14419	-6.93527	0.709703	1.16515	1.16515	0.617295	1.22867	1.22867	0.00308368	0.190957	-5.23677	0.881259	1.063	1.063	0.237575	0.603052	-1.65823	5.35617	14.1743	2.35231	1
cg03360479	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.0139992	0.0724127	0.756029	-1.3227	0.76971	0.959874	-1.0418	0.0583455	1.34774	1.34774	0.262065	0.849467	-1.17721	0.446808	0.897472	-1.11424	0.0237277	0.686174	-1.45736	0.0568455	1.35079	1.35079	0.0607308	0.744563	-1.34307	0.00547494	1.66463	1.66463	5.29999	1.63366	0.27399	1
cg14403603	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.0193001	0.231439	0.705173	-1.41809	0.248407	0.714773	-1.39905	0.0198316	0.457137	-2.18753	0.0511266	0.538932	-1.85552	0.00402569	0.341204	-2.9308	0.00193472	0.29499	-3.38995	0.203146	0.68807	-1.45334	0.559448	1.17852	1.17852	0.254134	0.717917	-1.39292	4.76174	5.84096	1.09035	1
cg05136528	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.038397	0.0374757	0.735608	-1.35942	0.433523	1.10699	1.10699	0.82709	0.972559	-1.02821	0.997929	0.99967	-1.00033	0.054671	0.757885	-1.31946	0.138486	1.22489	1.22489	0.00723681	1.55389	1.55389	0.132088	0.813246	-1.22964	0.942932	1.00915	1.00915	3.73888	0.957944	0.227743	1
cg22962282	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.00447229	0.17404	0.888873	-1.12502	0.0961418	1.16049	1.16049	0.0161174	1.27106	1.27106	0.111715	0.868395	-1.15155	0.47017	1.06168	1.06168	0.171574	1.12588	1.12588	0.0342467	0.817726	-1.2229	0.594466	1.04474	1.04474	0.000289087	1.61886	1.61886	7.59193	0.797893	0.0934199	1
cg25632093	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.021127	0.329544	0.83863	-1.19242	0.219188	1.25357	1.25357	0.356328	1.18049	1.18049	0.175101	0.777077	-1.28687	0.648804	1.08349	1.08349	0.117519	0.742804	-1.34625	0.0297627	0.639329	-1.56414	0.0207754	1.62708	1.62708	0.006687	1.85021	1.85021	4.61751	2.23693	0.430618	1
cg09335713	NFAM1	0.00994262	0.0203318	0.142589	-7.01318	0.796319	1.19737	1.19737	0.930178	0.940796	-1.06293	0.0712238	0.24579	-4.06852	0.00104622	0.0341066	-29.3198	0.935307	1.05816	1.05816	0.0018679	0.0462867	-21.6045	0.0492234	0.209453	-4.77435	0.173577	0.364844	-2.7409	5.9215	45.4818	6.82737	1
cg27098470	NFAM1	0.0183466	0.0349617	0.112655	-8.87667	0.554574	1.70079	1.70079	0.90542	0.899774	-1.11139	0.0715418	0.167302	-5.9772	0.00175226	0.0190126	-52.5966	0.901332	1.11651	1.11651	0.00560072	0.0394798	-25.3294	0.0525722	0.141109	-7.08671	0.213909	0.312621	-3.19876	4.84393	60.5655	11.1141	1
cg07264666	NFAM1	0.0328545	0.0311913	0.106762	-9.36663	0.646658	1.50438	1.50438	0.871817	0.866865	-1.15358	0.096755	0.199273	-5.01825	0.00396603	0.0324609	-30.8063	0.906174	1.10996	1.10996	0.0092926	0.0539376	-18.5399	0.0629975	0.157157	-6.36306	0.282671	0.372427	-2.68509	3.95633	49.0519	11.0208	1
cg07044422	NFAM1	0.0364417	0.059763	0.270266	-3.70006	0.881979	1.09581	1.09581	0.539966	0.682393	-1.46543	0.0635361	0.276678	-3.61431	0.00711718	0.117515	-8.50957	0.55994	1.43771	1.43771	0.0713947	0.289336	-3.45619	0.00716337	0.117827	-8.48701	0.0857489	0.310482	-3.2208	3.8109	22.8955	5.34036	1
cg07464578	NFAM1	0.0415498	0.211709	1.39148	1.39148	0.119902	1.52758	1.52758	0.653406	1.12019	1.12019	0.832499	1.05462	1.05462	0.0698645	0.601082	-1.66367	0.0254049	1.94869	1.94869	0.430021	1.22419	1.22419	0.0109537	0.448539	-2.22946	0.368809	0.793115	-1.26085	3.6318	3.62704	0.887724	1
cg03365751	NFAM1;NFAM1	0.022524	0.016147	0.0625338	-15.9914	0.338712	2.53154	2.53154	0.679666	1.47857	1.47857	0.104393	0.187876	-5.32265	0.00239252	0.0185762	-53.8323	0.923636	1.09451	1.09451	0.0218794	0.0749629	-13.3399	0.0502813	0.122232	-8.18116	0.35414	0.407435	-2.45438	4.51726	63.466	12.4886	1
cg24683255	NFASC;NFASC;NFASC;NFASC	9.61E-05	0.193645	0.825099	-1.21198	0.000851341	2.01507	2.01507	0.162	0.811633	-1.23208	0.00574797	0.602911	-1.65862	1.33E-05	0.27942	-3.57884	0.0574338	0.740537	-1.35037	0.0423317	1.38661	1.38661	7.88E-05	0.368709	-2.71217	0.0377637	0.714064	-1.40044	22.3779	6.92454	0.275055	1
cg03119897	NFASC;NFASC;NFASC;NFASC	0.000143564	0.271101	0.75816	-1.31898	0.000171185	0.213654	-4.68048	0.0261447	0.528535	-1.89202	0.0270874	0.531375	-1.88191	3.41E-05	0.143826	-6.95283	0.146257	1.45771	1.45771	1.85E-05	0.121516	-8.22937	0.302247	0.772405	-1.29466	0.946184	0.98382	-1.01645	20.0929	18.5815	0.822024	1
cg14514130	NFASC;NFASC;NFASC;NFASC	0.000224614	0.033367	0.757304	-1.32047	0.956565	0.993929	-1.00611	0.00487654	0.658881	-1.51772	0.089221	1.2331	1.2331	1.43E-05	0.364299	-2.745	0.00756581	0.681041	-1.46834	0.853355	1.0209	1.0209	0.0021249	1.62055	1.62055	0.0436763	1.29599	1.29599	17.8013	3.52408	0.175971	1
cg17449235	NFASC;NFASC;NFASC;NFASC	0.000628792	0.0354752	0.637909	-1.56762	0.00671036	1.90708	1.90708	0.00392945	0.490394	-2.03918	0.997837	0.999502	-1.0005	0.0025287	0.463132	-2.15921	0.0135407	1.75263	1.75263	0.0021696	0.453802	-2.2036	0.00123418	2.38067	2.38067	0.291654	1.22252	1.22252	13.4073	7.15947	0.474663	1
cg11968204	NFASC;NFASC;NFASC;NFASC	0.00438908	0.451146	0.853768	-1.17128	0.000429253	0.317417	-3.15043	0.016487	0.546983	-1.82821	0.382005	1.20277	1.20277	0.00180289	0.400898	-2.4944	0.0785406	0.668727	-1.49538	0.244	1.28532	1.28532	0.357725	0.823026	-1.21503	0.0207559	0.563673	-1.77408	7.63528	5.12787	0.59698	1
cg07178864	NFASC;NFASC;NFASC;NFASC	0.00998843	0.014416	0.281661	-3.55037	0.00142191	0.143771	-6.95548	0.00351613	0.189565	-5.27524	0.0519593	0.394925	-2.53213	0.0320806	0.348191	-2.87199	0.00715646	0.232435	-4.30228	0.0610333	0.411873	-2.42794	0.103312	0.473016	-2.11409	0.0365589	0.360302	-2.77545	5.91281	16.5318	2.48527	1
cg26601496	NFASC;NFASC;NFASC;NFASC	0.0115285	0.122652	0.561728	-1.78022	0.000353223	7.23341	7.23341	0.414709	1.33304	1.33304	0.131902	0.570817	-1.75187	0.278598	0.678125	-1.47465	0.939056	0.973981	-1.02671	0.509562	0.794005	-1.25944	0.130112	1.75718	1.75718	0.984134	0.993167	-1.00688	5.64634	10.6304	1.67352	1
cg12458003	NFASC;NFASC;NFASC;NFASC	0.014877	0.0367696	3.80208	3.80208	0.00952964	6.09646	6.09646	0.292577	1.82416	1.82416	0.0396557	3.705	3.705	0.060995	3.19778	3.19778	0.0142228	5.28521	5.28521	0.00306905	9.31568	9.31568	0.0260722	4.27876	4.27876	0.00657997	6.97778	6.97778	5.19482	24.9346	4.26657	1
cg17225426	NFASC;NFASC;NFASC;NFASC	0.0220267	0.114948	0.721216	-1.38655	0.00382142	2.10344	2.10344	0.0434408	1.55705	1.55705	0.639932	1.09399	1.09399	0.0218016	0.591624	-1.69026	0.178279	1.3135	1.3135	0.107848	1.39729	1.39729	0.768245	1.05796	1.05796	0.719461	1.07119	1.07119	4.55205	2.62082	0.511774	1
cg13939721	NFASC;NFASC;NFASC;NFASC	0.0329733	0.910637	1.02466	1.02466	0.667019	0.910344	-1.09849	0.0932959	0.669903	-1.49275	0.741875	0.930783	-1.07436	0.00296344	0.41266	-2.4233	0.55885	0.879602	-1.13688	0.0125514	1.9616	1.9616	0.562437	0.880654	-1.13552	0.287398	0.786852	-1.27089	3.9512	2.94714	0.663008	1
cg25624478	NFASC;NFASC;NFASC;NFASC	0.0396298	0.0251453	1.51801	1.51801	0.243863	0.826051	-1.21058	0.458595	0.888446	-1.12556	0.274116	1.19525	1.19525	0.00880279	1.68675	1.68675	0.265068	0.833569	-1.19966	0.0541315	1.40856	1.40856	0.174158	1.2543	1.2543	0.0980702	1.32897	1.32897	3.69576	1.43776	0.345803	1
cg03043228	NFASC;NFASC;NFASC;NFASC;NFASC	0.00163456	0.600126	0.948091	-1.05475	0.34706	1.10283	1.10283	0.0232805	1.32412	1.32412	0.0742679	1.22578	1.22578	0.154469	1.16767	1.16767	0.12265	1.18584	1.18584	5.81E-05	0.434568	-2.30113	0.164518	0.860064	-1.1627	0.168419	1.16086	1.16086	12.2649	1.92584	0.122127	1
cg11253737	NFASC;NFASC;NFASC;NFASC;NFASC	0.00391171	0.00468286	0.47523	-2.10425	0.132382	0.725171	-1.37899	0.000428702	0.331882	-3.01312	0.930552	0.982899	-1.0174	0.00108932	0.38528	-2.59552	0.354853	1.20726	1.20726	0.569375	0.892441	-1.12052	0.467577	1.15751	1.15751	0.258256	0.791807	-1.26293	7.90546	4.90306	0.551299	1
cg22571530	NFASC;NFASC;NFASC;NFASC;NFASC	0.0146378	0.326283	1.17507	1.17507	0.780513	0.956509	-1.04547	0.479817	1.1213	1.12113	0.000737774	2.26156	2.26156	0.836762	1.03339	1.03339	0.282327	0.837082	-1.19463	0.0130352	0.612432	-1.63283	0.498497	0.896393	-1.11558	0.318386	1.1784	1.1784	5.22269	2.09582	0.356703	1

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Probeset ID	UCSC_REFGENE_NAME NFASC;NFASC;NFASC;NFASC;NFASC;NF	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(1 057 vs. N)	Ratio(111T vs. N)	Fold-Change(1 11T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(1 12T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(1 21T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(3 47T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(3 53T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03530839	ASC NFASC;NFASC;NFASC;NFASC;NFASC;NF	0.00553168	0.333843	1.17275	1.17275	0.00601218	1.77512	1.77512	0.0364396	1.47512	1.47512	0.00187278	2.02411	2.02411	0.772622	1.04741	1.04741	0.00711861	0.573633	-1.74327	0.0999286	1.33404	1.33404	0.187218	0.799734	-1.25042	0.3717	0.863613	-1.15793	7.115	2.88007	0.359812	1
cg08915824	ASC NFASC;NFASC;NFASC;NFASC;NFASC;NF	0.0266943	0.0989264	0.488761	-2.04599	0.0347705	0.377669	-2.64782	0.0334098	0.373972	-2.674	0.0449261	2.48608	2.48608	0.0737396	0.454393	-2.20074	0.90293	0.952867	-1.04946	0.969447	1.01527	1.01527	0.0190946	3.07242	3.07242	0.685949	1.17452	1.17452	4.25863	10.5608	2.20432	1
cg17179826	ASC NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NF	0.0290159	0.0712865	0.663521	-1.50711	0.354523	0.823701	-1.21403	0.178661	0.747561	-1.33768	0.738285	0.933999	-1.07067	0.00655943	0.487245	-2.05236	0.8992	1.02614	1.02614	0.00613179	2.07136	2.07136	0.892755	0.972908	-1.02785	0.739066	1.07044	1.43643	2.71553	0.583689	1
cg08804013	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFATS	0.00737566	0.868075	1.00758	1.00758	0.260846	0.948155	-1.05468	0.0341314	0.893831	-1.11878	0.019298	0.879437	-1.13709	0.00156211	1.22919	1.22919	0.111854	1.08178	1.08178	0.322888	1.04745	1.04745	0.0103469	1.15793	1.15793	0.547914	1.02799	1.02799	6.53583	0.213335	0.0290141	1
cg04134652	NFATC1;NFATS;NFATS;NFATS;NFATS;NFATS;NFATS	0.00218735	0.0107561	0.534414	-1.87121	0.407749	0.84741	-1.18007	0.000216127	0.299091	-3.34347	0.103852	0.706289	-1.41585	0.00241402	0.437721	-2.28456	0.336237	0.823766	-1.21394	0.00192097	0.423703	-2.36015	0.120213	1.39037	1.39037	0.0339397	0.616261	-1.62269	9.39113	5.68719	0.538189	1
cg11147886	NFATS;NFATS;NFATS;NFATS;NFATS;NFATS	0.0490301	0.13415	0.595391	-1.67957	0.00212351	0.250007	-3.99989	0.0242038	0.422062	-2.36932	0.0808498	0.537175	-1.86159	0.606574	0.846413	-1.18146	0.732616	1.11637	1.11637	0.997993	1.00081	1.00081	0.92881	0.971723	-1.0291	0.273994	0.693918	-1.44109	3.41342	5.57071	1.45067	1
cg05970790	NFATC1;NFATC1;NFATC1;NFATC1	3.73E-06	0.00679107	0.56026	-1.78489	0.228537	0.654237	-1.5284	0.0229162	0.63795	-1.56752	0.843194	1.03325	1.03325	0.000560397	0.413275	-2.4197	0.240174	1.22521	1.22521	0.878804	1.02552	1.02552	5.78E-08	21.3663	21.3663	0.984525	0.996802	-1.00321	52.3318	22.6088	0.384026	1
cg00151768	NFATC1;NFATC1;NFATC1;NFATC1	0.0155104	0.8458311	1.06946	1.06946	0.688399	1.75179	1.17579	0.00197138	0.193319	-5.17279	0.176943	1.71494	1.71494	0.0687717	2.15007	2.15007	0.0247484	2.73093	2.73093	0.000136392	0.0836874	-11.9492	0.655325	1.184	1.184	0.124998	1.86656	1.86656	10.379	23.2169	1.98835	1
cg06975760	NFATC1;NFATC1;NFATC1;NFATC1	0.00353501	0.0089259	0.589847	-1.72162	0.0259148	1.41618	1.41618	0.0404455	0.53668	-1.86318	0.099817	0.706931	-1.41454	0.00143791	0.471595	-2.12227	0.0570737	1.42125	1.42125	0.0218754	0.638118	-1.56711	0.0258597	0.649167	-1.54094	0.225191	0.812186	-1.23125	8.14949	3.44229	0.375461	1
cg07121096	NFATC1;NFATC1;NFATC1;NFATC1	0.0147824	0.956764	0.993434	-1.00661	0.0550236	1.3026	1.3026	0.532048	0.925973	-1.07995	0.255673	0.867325	-1.1551	0.146693	1.20818	1.20818	0.39797	0.90018	-1.11089	0.000566441	0.522385	-1.9143	0.55528	0.930068	-1.07519	0.0868723	0.794722	-1.2583	5.20578	1.21734	0.207862	1
cg13608166	NFATC1;NFATC1;NFATC1;NFATC1	0.0189844	0.538399	1.3339	1.3339	0.176026	1.94523	1.94523	0.00902572	0.215411	-4.64229	0.122207	2.17003	2.17003	0.380914	0.659895	-1.51539	0.903559	1.05766	1.05766	0.00211117	0.135428	-7.38401	0.261732	1.71822	1.71822	0.797598	0.887193	-1.12621	4.78839	16.2228	3.0115	1
cg22134479	NFATC1;NFATC1;NFATC1;NFATC1	0.0233298	0.2939915	0.715557	-1.40143	0.0338302	0.455622	-2.1948	0.812677	1.07637	1.07637	7	7	7	0.127163	1.66763	1.66763	0.0996517	1.46003	1.46003	0.0018108	0.108139	1.08139	0.00190284	0.253748	-3.9101	0.0339335	1.21246	1.21246	4.54177	6.1447	1.35293	1
cg06049736	NFATC1;NFATC1;NFATC1;NFATC1	0.0400951	0.88097	1.03268	1.03268	0.352486	0.81435	-1.22797	0.380729	0.824493	-1.21287	0.021241	0.55188	-1.81199	0.00985006	0.496498	-2.01411	0.00967917	0.49528	-2.01906	0.155427	0.721596	-1.38582	0.630429	1.10966	1.10966	0.274202	1.27662	1.27662	3.67992	2.68515	0.648602	1
cg11321921	NFATC1;NFATC1;NFATC1;NFATC1	0.000360697	0.002003878	0.725604	-1.37816	0.0255055	1.21628	1.21628	0.194851	0.900795	-1.10645	0.173762	0.886755	-1.12265	0.155918	0.894606	-1.11849	0.184049	1.10954	1.10954	1.37E-05	1.95479	1.95479	0.021158	1.00742	1.00742	0.129396	0.886153	-1.12847	15.6393	1.34777	0.0766031	1
cg25235326	NFATC1;NFATC1;NFATC1;NFATC1	0.000537622	0.00182835	0.739624	-1.35204	0.0106439	1.2445	1.2445	0.167396	0.904624	-1.10543	0.253408	0.921972	-1.08463	0.000272412	0.666086	-1.50131	0.792612	0.982213	-1.01811	0.000235868	1.5145	1.5145	0.409938	1.05907	1.05907	0.844618	1.013445	1.013445	14.0055	1.02898	0.0653063	1
cg07637241	NFATC1;NFATC1;NFATC1;NFATC1	0.000703949	0.3556668	0.840962	-1.18911	0.0545893	1.48813	1.48813	0.0159734	0.584025	-1.71226	0.449551	1.15082	1.15082	3.16E-05	0.22804	-4.38519	0.0115935	1.77776	1.77776	0.0168586	1.70156	1.70156	0.771324	1.05457	1.05457	0.746509	0.942586	-1.06091	12.9904	6.83779	0.467885	1
cg18935516	NFATC1;NFATC1;NFATC1;NFATC1	0.00103742	0.107908	0.564313	-1.77207	0.0139504	1.60261	1.60261	0.0151041	0.636843	-1.57034	0.0351808	0.449232	-2.22602	0.00131256	0.4281	-2.33581	0.00827584	0.332459	-3.00756	2.54E-05	0.0091509	14.6271	0.0013174	1.51628	1.51628	0.110797	0.567404	-1.76241	16.6445	7.95454	0.479158	1
cg16179938	NFATC1;NFATC1;NFATC1;NFATC1	0.00104195	0.000731524	0.127744	-7.82817	0.00284221	0.192661	-5.19046	0.000220053	0.0847572	-11.7984	0.00516855	0.227657	-4.39258	0.0630554	0.432518	-2.31204	0.0658521	0.437226	-2.28715	0.00232708	0.181886	-5.49794	0.289157	1.55432	1.55432	0.00238244	0.18313	-5.46059	16.6301	29.5956	2.26198	1
cg11977716	NFATC1;NFATC1;NFATC1;NFATC1	0.00168534	0.000331516	0.435524	-2.46066	0.00107154	0.689863	-1.45055	0.706882	0.944353	-1.05895	0.00145947	0.482007	-2.0737	0.0820298	0.740717	-1.3392	0.0263527	0.532092	-1.87937	0.029535	0.678119	-1.47467	0.237726	0.829047	-1.2062	0.000326831	0.414736	-2.41117	10.1331	3.68745	0.323467	1
cg06784561	NFATC1;NFATC1;NFATC1;NFATC1	0.00331232	0.000644142	0.275105	-3.63497	0.430257	1.2195	1.2195	0.0485293	0.57381	-1.74274	0.00390289	0.383807	-2.60548	0.243312	0.740142	-1.35109	0.454127	0.828666	-1.20676	0.00491312	2.50556	2.50556	0.0441088	0.565484	-1.7684	0.122401	0.661917	-1.51076	8.309555	7.99498	0.855239	1
cg01544831	NFATC1;NFATC1;NFATC1;NFATC1	0.00463103	0.663679	1.05656	1.05656	0.000810442	0.529789	-1.88754	0.0988558	0.796468	-1.25554	0.394131	1.11602	1.11602	0.0250586	0.715202	-1.39821	0.197053	1.18709	1.18709	0.00228507	1.70979	1.70979	0.361411	0.888712	-1.12522	0.58847	0.933611	-1.07111	7.51196	1.88149	0.222636	1
cg26910047	NFATC1;NFATC1;NFATC1;NFATC1	0.0103339	0.129338	1.35018	1.35018	0.00601857	0.518144	-1.92997	0.2240903	0.791377	-1.26362	0.136318	0.745237	-1.34196	0.199825	1.33164	1.33164	0.260346	0.817877	-1.22268	0.0440881	1.98465	1.98465	0.0714947	1.44591	1.44591	0.0662734	1.45735	1.45735	3.94877	3.10914	0.472522	1
cg17977133	NFATC1;NFATC1;NFATC1;NFATC1	0.0109386	0.803419	0.960102	-1.04156	0.654225	0.929045	-1.07637	0.0859654	1.36309	1.36309	0.191321	0.797842	-1.25338	0.0104809	0.59102	-1.69199	0.626843	0.923134	-1.08327	0.00139339	2.1299	2.1299	0.365992	0.859314	-1.16372	0.045975	1.45263	1.45263	5.74287	2.42389	0.375172	1
cg12424293	NFATC1;NFATC1;NFATC1;NFATC1	0.0150655	0.677834	0.913216	-1.09543	0.0184407	0.593761	-1.68418	0.73551	1.07646	1.07646	0.0168533	1.88448	1.88448	0.00533006	0.450223	-2.22118	0.477311	1.17001	1.17001	0.00469573	2.56887	2.56887	0.0121833	1.12826	1.12826	0.945525	0.952626	-1.05011	11.4996	5.42124	4.00562	0.664812	1
cg17938607	NFATC1;NFATC1;NFATC1;NFATC1	0.0167949	0.041328	1.4199	1.4199	0.00137109	0.550685	-1.99726	0.323217	0.858985	-1.16416	0.230379	1.20617	1.20617	0.0627075	1.36616	1.36616	0.105159	1.30182	1.30182	0.350621	1.14873	1.14873	0.499349	1.10755	1.10755	0.630808	1.0748	1.0748	4.98969	1.75378	0.312428	1
cg18590092	NFATC1;NFATC1;NFATC1;NFATC1	0.0214641	0.670885	1.0723	1.0723	0.0156843	1.62205	1.62205	0.0074974	1.75436	1.75436	0.102575	0.746972	-1.33874	0.564295	0.909211	-1.09985	0.0147457	0.612545	-1.63253	0.365352	0.859076	-1.16404	0.896038	1.02158	1.02158	0.404354	0.869926	-1.14952	4.59258	1.94001	0.375486	1
cg24488344	NFATC1;NFATC1;NFATC1;NFATC1	0.0228128	0.319613	1.26297	1.26297	-1.59093	0.258671	1.6026	1.6026	0.863198	1.08081	0.815361	0.656843	-1.52234	0.0751888	0.449232	-2.22602	0.199968	0.581681	-1.71951	0.124348	1.37732	1.37732	1.78458	1.03599	1.03599	0.792179	0.899717	-1.11146	34.4075	10.6184	3.24579	1
cg16133382	NFATC1;NFATC1;NFATC1;NFATC1	0.0310509	0.0749331	0.780073	-1.28193	0.0103792	1.49812	1.49812	0.140184	1.21986	1.21986	0.112122	1.24188	1.24188	0.0717984	0.962468	-1.03706	0.0740453	0.779346	-1.28313	0.0178168	1.43436	1.43436	0.595119	1.06947	1.06947	0.486269	1.09263	1.09263	4.03706	1.00262	0.220759	1
cg21509937	NFATC1;NFATC1;NFATC1;NFATC1	0.031497	0.00675122	0.428037	-2.33649	0.0178254	0.589852	-1.69567	0.0481297	0.742857	-1.34627	0.378181	0.850955	-1.17485	0.492237	0.69237	-1.44433	0.503804	0.755124	-1.32466	0.0500657	0.803596	1.24455	0.600057	0.803596	-1.24455	0.0347703	0.577954	-1.73035	4.40833	1.34883	0.306138	1
cg13880617	NFATC1;NFATC1;NFATC1;NFATC1	0.0325599	0.146182	0.839583	-1.19107	0.0860525	0.808471	-1.2369	0.769357	0.967581	-1.03351	0.938353	1.00871	1.00871	0.0595209	1.2692	1.2692	0.0229647	1.35649	1.35649	0.013095	1.4119	1.4119	0.197735	0.858471	-1.16486	0.306911	1.8882	-1.12587	3.98233	0.7924	0.17687	1
cg13691622	NFATC1;NFATC1;NFATC1;NFATC1	0.0331324	0.259973	0.816967	-1.22404	0.142192	1.31187	1.31187	0.674231	0.929847	-1.07545	0.663534	1.07822	1.07822	0.186828	1.27218	1.27218	0.00970449	1.75573	1.75573	0.00269068	2.04122	2.04122	0.85105	0.968176	-1.03287	0.749738	0.946039	-1.05704	3.94437	3.84904	0.416693	1
cg27042047	NFATC1;NFATC1;NFATC1;NFATC1	0.0191291	0.250923	1.44199	1.44199	0.00203225	0.624278	-1.60204	0.170333	0.792179	-1.26208	0.106904	0.742456	-1.34679	0.0515963	1.53139	1.53139	0.0726884	1.48402	1.48402	0.112213	1.52003	1.52003	0.254935	1.33449	1.33449	0.144548	1.683418	-1.46323	3.71308	3.44752	0.825316	1
cg03511628	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0198445	0.00561183	0.113237	-8.83103	0.132661	0.378329	-2.6432	0.115995	0.359372	-2.78263	0.173819	0.42029	-2.37931	0.0473386	0.256844	-3.89342	0.415976	0.607715	-1.64551	0.765235	0.835771	-1.1965	0.00336791	0.0916997	-10.9052	0.263153	0.497161	-2.01142	3.68843	20.9643	5.05227	1
cg16774013	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0006862	0.00909353	0.567506	-1.7621	0.0682342	0.705402	-1.41763	0.000144539	3.06121	3.06121	0.00927029	0.568733	-1.7583	0.202511	0.794554	-1.25857	0.404551	0.864353	-1.15694	0.0207835	0.621454	-1.60913	0.00157395	2.17266	2.17266	0.807659	1.04257	1.04257	13.0387	6.05376	0.411284	1
cg22279865	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.000884124	0.153973	1.14496	1.14496	0.000278858	0.590187	-1.69438	0.000674161	0.630556	-1.5859	0.953084	0.994795	-1.00523	0.0774102	1.19019	1.19019	0.00809362	1.35091	1.35091	0.0120033	1.32039	1.32039	0.120508	1.16109	1.16109	0.922533	1.00866	1.00866	12.1838	5.15801	0.110749	1
cg27019645	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.00102688	0.517484	0.841647	-1.18815	0.661847	0.57552	-1.73756	0.00114663	0.284836	-3.51079	0.740799	0.916482	-1.09113	0.00567888	0.385521	-2.59389	0.0316683	0.515928	1.92285	0.224E-05	0.106817	-9.36181	0.537316	0.848657	-1.17833	0.0944125	0.616915	-1.62097	11.6783	12.7658	0.971661	1
cg07342752	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.00269363	0.105733	1.17335	1.17335	0.628366	0.956836	-1.04511	0.000180937	0.563739	-1.77387	0.48466	0.937777	-1.06635	0.884303	1.01326	1.01326	0.0967365	0.847945	-1.17932	0.00232101	1.46935	1.46935	0.838512	1.01863	1.01863	0.194178	1.13231	1.13231	8.83556	1.14519	0.11521	1
cg02523092	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0040352	0.58114	1.68659	1.68659	0.381813	2.31953	2.31953	0.006297	28.1596	28.1596	0.0029872	0.0219153	-45.6302	?	?	?	0.0772215	6.31442	6.31442	0.0959092	0.179903	-5.55856	0.00227599	54.7918	54.7918	0.490817	1.92799	1.92799	8.00261	99.1288	12.3871	1
cg11844358	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.00549448	0.00361335	0.241061	-4.14832	0.00112639	0.177018	-5.64916	0.502321	0.781992	-1.27879	0.0280846	0.391832	-2.55251	0.0016576	0.196766	-5.08219	0.00584341	0.271595	-3.68196	0.0278312	0.391031	-2.55734	0.553525	0.805352	-1.24169	0.107015	0.52967	-1.88797	7.12975	14.7309	1.83655	1
cg21242663	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.00711228	0.0239669	0.650143	-1.53812	0.00498793	1.81137	1.81137	0.000783085	0.443999	-2.25226	0.223932	1.2266	1.2266	0.849229	0.970034	-1.03089	0.717104	0.94349	-1.05989	0.383341	1.15362	1.15362	0.390303	0.868731	-1.1511	0.598332	1.0887	1.0887	6.58236	2.66415	0.35977	1
cg18512446	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.00738516	0.0688195	0.793973	-1.25949	0.479301	0.921757	-1.08488	0.0006038	0.549266	-1.82061	0.881602	1.01703	1.01703	0.0253209	0.739917	-1.3515	0.067658	0.79302	-1.261	0.0104624	1.44064	1.44064	0.236779	0.868987	-1.15076	0.258006	0.87484	-1.14307	6.50536	1.3223	0.180678	1
cg02714192	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.00848928	0.0571541	1.31306	1.31306	0.698835	0.951988	-1.05043	0.740066	1.04304	1.04304	0.0660988	1.29812	1.29812	0.847482	0.975925	-1.02467	0.000265466	0.46863	-2.13388	0.17969	1.19764	1.19764	0.539174	0.924333	-1.08186	0.989622	0.998355	-1.00165	6.2265	1.57953	0.225492	1
cg25145459	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.011163	0.290312	0.386163	-2.58958	0.413381	2.0613	2.0613	0.00771334	21.61	21.61	0.644727	0.669851	-1.49287	0.358108	0.441233	-2.26638	0.240345	2.90745	2.90745	0.579499	1.62136	1.62136	0.000433327	177.838	177.838	0.257469	2.78843	2.78843	6.4647	74.4914	8.96218	1
cg00952201	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.011272	0.0806924	0.64734	-1.54478	0.0148713	0.510407	-1.95922	0.0460471	0.598543	-1.67072	0.122036	1.45682	1.45682	0.923611	1.02176	1.02176	0.211022	0.743897	-1.34427	0.000832899	0.32328	-3.0933	0.294989	1.27612	1.27612	0.121818	0.686248	-1.4572	5.68753	4.54002	0.709548	1
cg26550337	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0132193	0.0775169	0.797496	-1.25393	0.115032	0.820687	-1.21849	0.00955913	1.46	1.46	0.196419	0.854263	-1.1706	0.0211752	0.726452	-1.37655	0.405973	1.10301	1.10301	0.0174648	1.39605	1.39605	0.0503962	1.29328	1.29328	0.889135	0.984044	-1.01621	5.40054	1.13744	0.187214	1
cg18475141	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0133235	0.0301737	0.460063	-2.14563	0.0132616	2.50723	2.50723	0.671485	0.880066	-1.13628	0.0248866	0.449538	-2.22451	0.00500568	0.328825	-3.04113	0.0771786	0.555179	-1.80122	0.145137	1.5977	1.5977	0.94368	0.979063	-1.02138	0.332074	0.741056	-1.34943	5.38668	7.65167	1.26265	1
cg12964741	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0190197	0.211928	1.69321	1.69321	0.0761744	2.2039	2.2039	0.00139521	6.38842	6.38842	0.467654	1.34444	1.34444	0.267213	1.5887	1.5887	0.834356	1.08748	1.08748	0.505743	1.31053	1.31053	0.00165235	6.07159	6.07159	0.727415	1.15044	1.15044	4.78538	12.1564	2.25806	1
cg26475087	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0211808	0.03333	0.504566	-1.9819	0.0238408	0.47631	-2.09947	0.0527345	0.54573	-1.83241	0.819781	0.939166	-1.06477	0.00202226	0.301927	-3.31206	0.308015	0.748109	-1.3367	0.00612947	0.37393	-2.6743	0.550339	0.846877	-1.18081	0.07258	0.576384	-1.73495	4.6135	5.52721	1.06493	1
cg11928275	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0226977	0.0505903	12.1353	12.1353	0.096818	7.70821	7.70821	0.174729	5.03987	5.03987	0.113979	6.8661	6.8661	0.0234626	20.643	20.643	0.035064	15.6635	15.6635	0.00279638	101.111	101.111	0.0077117	46.3153	46.3153	0.0230047	21.0446	21.0446	4.50534	89.5792	17.6737	1
cg07277828	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.023537	0.740625	1.06561	1.06561	0.728763	1.06886	1.06886	0.0186926	0.57972	-1.72497	0.203034	1.29311	1.29311	0.0325954	0.619756	-1.61354	0.611252	0.906598	-1.10302	0.00293979	2.18433	2.18433	0.622137	0.909351	-1.09969	0.598195	0.903272	-1.10709	4.44927	2.57858	0.515157	1
cg12524531	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.028533	0.0514274	0.590134	-1.69453	0.61128	1.12964	1.12964	0.140407	0.685782	-1.45819	0.637183	1.11962	1.11962	0.00152543	0.337809	-2.96025	0.112375	0.662931	-1.50845	0.0418489	0.572441	-1.7469	0.698617	0.911619	-1.09695	0.042932	0.574607	-1.74032	4.16003	3.72666	0.796289	1
cg15908877	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0317526	0.99742	0.999396	-1.0006	0.0153385	1.74375	1.74375	0.822229	1.04294	1.04294	0.346365	0.834279	-1.19864	0.00363582	0.479425	-2.08583	0.807911	0.955509	-1.04656	0.830161	1.04095	1.04095	0.0829451	1.43149	1.43149	0.255222	0.800961	-1.2485	4.00498	2.2144	0.491477	1
cg08157446	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0326735	0.755243	1.03756	1.03756	0.0106011	0.68459	-1.46073	0.00789941	0.66918	-1.49437	0.305143	1.13337	1.13337	0.952154	0.992951	-1.0071	0.710101	1.045	1.045	0.0335644	1.34006	1.34006	0.249623	0.867747	-1.15241	0.970894	0.995708	-1.00431	3.96418	0.872683	0.195682	1
cg18773522	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0378104	0.7369021	1.04984	1.04984	0.00979477	0.624342	-1.60169	0.148429	0.799646	-1.25055	0.666503	0.743176	-1.34558	0.0221539	0.673253	-1.48533	0.989005	1.00199	1.00199	0.0680373	1.34282	1.34282	0.272263	1.1792	1.1792	0.342451	0.868416	-1.15152	3.76001	1.239	0.292908	1
cg05707833	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.044782	0.668326	1.11914	1.11914	0.0138305	2.21325	2.21325	0.549543	1.17132	1.17132	0.823628	0.943372	-1.06003	0.149125	0.667645	-1.4978	0.0207285	0.483248	-2.06933	0.186745	0.693862	-1.44121	0.0566937	1.75646	1.75646	0.612162	0.875015	-1.14284	3.53194	3.81477	0.96007	1
cg05165553	C1 NFATC1;NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.0473058	0.442832	0.76867	-1.30095	0.778338	1.09953	1.09953	0.197003	0.632164	-1.58187	0.216866	1.5479	1.5479	0.00291952	0.252848	-3.95495	0.0421989	0.455241	-2.19664	0.382088	0.739777	-1.35176	0.536214	0.810092	-1.23443	0.0471846	0.465981	-2.14601	3.45995	6.19519	1.5916	1
cg06633814	C1;NFATC1	0.0133637	0.918749	1.02612	1.02612	0.109794	0.643739	-1.55343	0.278464	0.752211	-1.32941	0.574055	0.86632	-1.15431	0.41244	1.23582	1.23582	0.334801	0.77

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06141123	NFE2L2;NFE2L2;NFE2L2;NFE2L2	0.0249322	0.00597023	0.815715	-1.22592	0.569973	0.967987	-1.03307	0.641062	1.02697	1.02697	0.449087	0.957228	-1.04468	0.0361915	0.871063	-1.14802
cg11542063	NFE2L2;NFE2L2;NFE2L2;NFE2L2	0.030592	0.690608	0.938816	-1.06517	0.973595	0.99479	-1.00524	0.12944	0.772181	-1.29503	0.217335	1.22731	1.22731	0.86367	0.973244	-1.02749
cg14644871	NFE2L3	0.0012586	0.0184863	0.585572	-1.70773	0.0621466	0.674802	-1.48192	0.0211214	1.68099	1.68099	0.000774734	2.59331	2.59331	0.0120709	0.55641	-1.79724
cg08822075	NFE2L3	0.00229019	0.310326	1.38149	1.38149	0.0157917	2.48528	2.48528	0.927374	1.02846	1.02846	0.000857729	4.67045	4.67045	0.198575	1.51928	1.51928
cg24424745	NFE2L3	0.00651504	0.15739	0.709108	-1.41022	0.228419	1.33296	1.33296	0.590414	1.13149	1.13149	0.0750264	1.56948	1.56948	0.0110278	0.484375	-2.06452
cg19310148	NFE2L3	0.0149748	0.0168391	0.264695	-3.77793	0.0108386	0.232638	-4.29852	0.00154583	0.125534	-7.96596	0.0110546	0.234002	-4.27347	0.124654	0.468767	-2.13326
cg03781084	NFE2L3	0.0409429	0.322555	1.0993	1.0993	0.178923	1.14143	1.14143	0.419797	1.07936	1.07936	0.164711	1.1472	1.1472	0.30155	0.905593	-1.10425
cg03886242	NFE2L3;NFE2L3	0.0470116	0.327938	0.593612	-1.6846	0.0126984	0.201981	-4.95097	0.689381	0.812612	-1.2306	0.964722	0.977416	-1.02311	0.00314444	0.124331	-8.04302
cg11675722	NFIA	0.000171721	0.00137562	0.728492	-1.3727	0.000306374	1.49204	1.49204	0.0702092	1.14814	1.14814	0.00637753	0.784826	-1.27417	0.0875771	0.879226	-1.13736
cg12262372	NFIA	0.0389583	0.27989	0.598818	-1.66996	0.00522383	0.185982	-5.37687	0.0145018	0.252862	-3.95472	0.83136	1.10225	1.10225	0.103955	0.444152	-2.25148
cg17245735	NFIA;NFIA	0.0042066	0.0282299	0.556908	-1.79563	0.137422	0.696655	-1.43543	0.566564	1.13984	1.13984	0.0226532	0.539809	-1.85251	0.0124477	0.49526	-2.01914
cg18380742	NFIA;NFIA;NFIA;NFIA	0.00141968	0.00567863	0.570642	-1.75241	0.0732948	0.734319	-1.36181	0.0482257	1.41774	1.41774	0.0103471	1.64776	1.64776	0.00219169	0.514694	-1.9429
cg12079303	NFIA;NFIA;NFIA;NFIA	0.0028593	0.20101	0.749665	-1.33393	0.00231147	2.47989	2.47989	0.00713274	2.0989	2.0989	0.323949	1.24277	1.24277	0.0445148	0.611248	-1.636
cg11531787	NFIA;NFIA;NFIA;NFIA	0.00470049	0.661649	0.923065	-1.08335	0.643782	1.08834	1.08834	0.0416182	0.652447	-1.53269	0.000169558	0.312631	-3.19866	0.923901	0.982781	-1.01752
cg16001865	NFIA;NFIA;NFIA;NFIA	0.00602209	0.0237127	0.398993	-2.50631	0.00397484	3.7352	3.7352	0.39549	1.34464	1.34464	0.652407	1.16683	1.16683	0.0125741	0.347809	-2.87514
cg05461182	NFIA;NFIA;NFIA;NFIA	0.0132014	0.992649	0.996877	-1.00313	0.00232855	0.236097	-4.23555	0.0169904	0.372216	-2.68661	0.630127	0.848113	-1.17909	0.0561989	0.479878	-2.08386
cg13055341	NFIA;NFIA;NFIA;NFIA	0.0176305	0.524182	0.807676	-1.23812	0.309124	1.41668	1.41668	0.474402	0.786045	-1.27219	0.131133	1.71495	1.71495	0.00136998	0.215048	-4.65012
cg19368394	NFIA;NFIA;NFIA;NFIA	0.0187571	0.805207	1.04573	1.04573	0.821788	1.04168	1.04168	0.466686	0.874543	-1.14345	0.0506803	0.668318	-1.49629	0.00154172	0.438484	-2.28058
cg01550545	NFIA;NFIA;NFIA;NFIA	0.0212261	0.0140211	0.240097	-4.16498	0.0262334	0.289353	-3.45598	0.991534	1.005	1.005	0.9568	1.02581	1.02581	0.00200921	0.128717	-7.76898
cg06722285	NFIA;NFIA;NFIA;NFIA	0.0236459	0.0116574	0.214593	-4.65999	0.00818643	0.191692	-5.21671	0.021108	0.258225	-3.87259	0.0925874	0.405115	-2.46844	0.0114526	0.213393	-4.68619
cg13980007	NFIA;NFIA;NFIA;NFIA	0.0291725	0.00552515	0.568676	-1.75847	0.5293	1.10367	1.10367	0.328106	1.16911	1.16911	0.406422	0.876814	-1.14049	0.0702067	1.36791	1.36791
cg00163784	NFIA;NFIA;NFIA;NFIA	0.0328082	0.0202465	0.703052	-1.42237	0.166308	0.830485	-1.20412	0.0173221	0.694362	-1.44017	0.565115	0.929429	-1.07593	0.0236591	0.711788	-1.40491
cg03132702	NFIA;NFIA;NFIA;NFIA	0.033445	0.0396227	0.631851	-1.58265	0.993691	1.00153	1.00153	0.198294	1.29993	1.29993	0.0215323	0.587044	-1.70345	0.00770231	0.516536	-1.93597
cg12126901	NFIA;NFIA;NFIA;NFIA	0.0335882	0.00487475	0.173594	-5.76056	0.869693	0.925858	-1.08008	0.298934	0.60342	-1.65722	0.365291	0.646322	-1.54722	0.0298757	0.301499	-3.31676
cg05377596	NFIA;NFIA;NFIA;NFIA	0.0375667	0.149933	0.603985	-1.65567	0.632815	1.17027	1.17027	0.340508	1.37833	1.37833	0.923469	0.9691	-1.03189	0.740168	0.896986	-1.11484
cg19899972	NFIA;NFIA;NFIA;NFIA	0.0417978	0.0353792	0.444641	-2.249	0.0645713	0.503177	-1.98737	0.613809	0.845068	-1.18334	0.244787	0.668645	-1.49556	0.0110159	0.348188	-2.87201
cg17513460	NFIA;NFIA;NFIA;NFIA	0.0464894	0.25798	0.590842	-1.6925	0.0120978	0.247921	-4.03354	0.520435	0.747953	-1.33698	0.35076	1.53441	1.53441	0.00685222	0.209908	-4.76399
cg01518631	NFIB	0.00154763	0.218379	1.52826	1.52826	0.369823	1.35217	1.35217	0.516785	1.24028	1.24028	0.597881	1.1905	1.1905	0.323862	1.39625	1.39625
cg14455366	NFIB	0.00590196	0.634671	0.916834	-1.09071	0.741432	1.0619	1.0619	0.70308	1.07194	1.07194	0.317147	1.20632	1.20632	0.0222122	0.60821	-1.64417
cg01924448	NFIB	0.0336958	0.0376998	0.653954	-1.52916	0.229559	0.800804	-1.24874	0.00567314	1.89531	1.89531	0.0910135	0.720351	-1.38821	0.623386	0.916487	-1.09112
cg09965258	NFIB;NFIB	0.0132364	0.0124029	0.688105	-1.45327	0.292035	1.14032	1.14032	0.286614	1.14214	1.14214	0.389045	1.11185	1.11185	0.00185543	0.588268	-1.6999
cg03536983	NFIC	0.000281429	0.00155858	0.734921	-1.36069	0.264371	1.08198	1.08198	0.123566	1.11961	1.11961	0.000152703	0.644131	-1.55248	0.186513	0.909508	-1.0995
cg11859584	NFIC	0.0354212	0.0181017	0.25532	-3.91665	0.0217016	3.70876	3.70876	0.290239	1.68546	1.68546	0.0529207	0.351252	-2.84696	0.893846	1.06556	1.06556
cg07818063	NFIC;NFIC	0.00194098	0.737513	1.03448	1.03448	0.113304	0.840576	-1.18966	0.316107	1.1101	1.1101	0.0999865	0.833896	-1.19919	0.58705	0.946234	-1.05682
cg15224023	NFIC;NFIC	0.0028304	0.570361	1.07268	1.07268	0.757842	0.962875	-1.03856	0.259556	0.865992	-1.15475	0.221844	1.17008	1.17008	0.00839883	1.50961	1.50961
cg18385371	NFIC;NFIC	0.00539522	0.0160126	0.436011	-2.29352	0.00123892	0.264728	-3.77747	0.514929	0.830357	-1.2043	0.288294	0.733185	-1.36391	0.00156577	0.278265	-3.5937
cg05636830	NFIC;NFIC	0.00894978	0.117802	0.719589	-1.38968	0.00838418	0.511584	-1.95471	0.00404576	0.460772	-2.17027	0.479228	1.1479	1.1479	0.645288	0.91507	-1.09281
cg03281139	NFIC;NFIC	0.0113089	0.0472194	0.245705	-4.06992	0.0209415	5.57048	5.57048	0.662352	0.762145	-1.31209	0.00554636	0.105117	-9.51321	0.0240824	0.189549	-5.27568
cg04535176	NFIC;NFIC	0.0127026	0.188134	1.50825	1.50825	0.27109	0.713464	-1.40161	0.0469061	0.511563	-1.95479	0.0345031	2.06789	2.06789	0.978635	1.00792	1.00792
cg26630171	NFIC;NFIC	0.0151925	0.101544	2.99038	2.99038	0.688366	1.27936	1.27936	0.322435	1.86741	1.86741	0.248638	0.478604	-2.08941	0.0151253	0.161394	-6.196
cg19456275	NFIC;NFIC	0.0153947	0.23574	1.19864	1.19864	0.445713	0.892839	-1.12002	0.860844	1.02592	1.02592	0.372422	1.14285	1.14285	0.487173	1.10842	1.10842
cg02946248	NFIC;NFIC	0.0252228	0.454293	1.15254	1.15254	0.0104657	1.8225	1.8225	0.0578904	1.49085	1.49085	0.389277	1.1786	1.1786	0.0440125	0.649827	-1.53887
cg14685245	NFIC;NFIC	0.0288132	0.474952	1.11031	1.11031	0.916167	1.01528	1.01528	0.0158438	0.653376	-1.53051	0.0730383	1.33368	1.33368	0.419607	1.1261	1.1261
cg22315974	NFIC;NFIC	0.0381842	0.676047	1.2392	1.2392	0.00130587	10.9001	10.9001	0.00935924	5.37545	5.37545	0.403684	1.54666	1.54666	0.825752	1.1191	1.1191
cg18528593	NFIC;NFIC	0.0384838	0.401077	0.85878	-1.16444	0.170253	0.772042	-1.29527	0.0439844	1.50682	1.50682	0.307964	1.20554	1.20554	0.113059	0.736763	-1.35729
cg04251208	NFIC;NFIC	0.0432021	0.107595	1.33132	1.33132	0.0586448	1.41635	1.41635	0.609516	1.08757	1.08757	0.0954422	1.34784	1.34784	0.0488107	0.693043	-1.44291
cg14543226	NFIC;NFIC	0.0453839	0.950737	1.03181	1.03181	0.00432253	6.9131	6.9131	0.0858312	2.61754	2.61754	0.534388	0.726921	-1.37567	0.462564	1.46087	1.46087
cg11719049	NFIC;NFIC	0.0472452	0.00884049	6.37822	6.37822	0.299206	1.81876	1.81876	0.666391	1.27267	1.27267	0.232146	2.00698	2.00698	0.0760348	2.99686	2.99686
cg03605666	NFIC;NFIC	0.0473545	0.499556	1.34774	1.34774	0.0016281	7.13999	7.13999	0.013895	3.75598	3.75598	0.302151	1.59272	1.59272	0.692269	1.18911	1.18911
cg14290576	NFIL3	8.98E-06	0.00386445	0.482645	-2.07192	0.0483642	1.5253	1.5253	7.67E-05	0.261541	-3.8235	0.00042557	0.351914	-2.8416	0.00045881	0.356115	-2.80808
cg02106072	NFIL3	3.10E-05	0.0326815	0.593003	-1.68633	0.282204	1.26319	1.26319	0.0364532	0.601495	-1.66252	0.300475	0.799059	-1.25147	9.26E-06	0.134955	-7.40988
cg13555464	NFIL3	0.00110545	0.0211643	0.521316	-1.91822	0.000286783	0.24871	-4.02075	0.94178	1.01731	1.01731	0.452059	0.835221	-1.19729	0.00338689	0.392032	-2.55081
cg01243848	NFIL3	0.00295729	0.311909	1.27022	1.27022	0.0725388	1.58112	1.58112	0.146567	0.700269	-1.42802	0.577414	0.87924	-1.13735	0.520354	0.861583	-1.16065
cg14629032	NFIL3	0.0259023	0.238654	0.758838	-1.3178	0.00571265	0.44469	-2.24876	0.0654977	1.58766	1.58766	0.0248923	1.81656	1.81656	0.205543	0.741831	-1.34802
cg10708828	NFIL3	0.0292401	0.663403	0.918762	-1.08842	0.0227948	1.69421	1.69421	0.00158568	2.40438	2.40438	0.255792	1.25801	1.25801	0.416503	0.851575	-1.17429
cg17976191	NFIX	1.85E-05	0.0217122	0.582576	-1.71651	0.000161895	3.53448	3.53448	0.00178531	2.39111	2.39111	0.317296	1.2247	1.2247	0.958226	1.01032	1.01032
cg20116828	NFIX	7.55E-05	0.00692934	0.371129	-2.69448	0.00583159	2.78447	2.78447	0.00275416	3.22764	3.22764	0.931198	1.0248	1.0248	4.21E-05	0.109641	-9.12068
cg02297936	NFIX	0.000107636	0.00409788	0.491182	-2.0359	0.0999313	1.39484	1.39484	0.0280089	1.61469	1.61469	0.0801753	1.43092	1.43092	0.00207665	0.449253	-2.22592
cg22550549	NFIX	0.0010308	0.230142	1.69589	1.69589	0.00229504	5.97805	5.97805	0.0331987	2.84195	2.84195	0.0796517	2.26167	2.26167	0.170886	1.84366	1.84366
cg18299835	NFIX	0.00110477	0.049326	0.708945	-1.41055	0.0783465	1.34963	1.34963	0.0307088	1.47575	1.47575	0.819481	1.03567	1.03567	0.01766	0.642418	-1.55662
cg22824635	NFIX	0.00122439	0.258661	0.428437	-2.33407	0.00873078	11.0558	11.0558	0.00217169	22.0676	22.0676	0.00555341	13.7386	13.7386	0.0125759	0.107315	-9.31836
cg06197482	NFIX	0.00232878	0.11666	1.12732	1.12732	0.926702	1.00649	1.00649	0.0148237	1.2346	1.2346	0.224226	1.09391	1.09391	0.228451	0.91497	-1.09293
cg13649253	NFIX	0.00234664	0.107285	1.7229	1.7229	0.01444	2.54189	2.54189	0.186044	1.54324	1.54324	0.279615	1.41601	1.41601	0.0223613	0.428699	-2.33264
cg13465946	NFIX	0.00285855	0.00486287	0.365406	-2.73668	0.0555086	1.7953	1.7953	0.23353	1.40045	1.40045	0.534746	1.18474	1.18474	0.00300582	0.333848	-2.99538
cg11883009	NFIX	0.00392622	0.09314	1.87889	1.87889	0.076553	1.95942	1.95942	0.144089	1.70884	1.70884	0.153955	1.68397	1.68397	0.242513	0.658608	-1.51835
cg00689651	NFIX	0.00425413	0.918646	1.05667	1.05667	0.0130655	5.26455	5.26455	0.0111018	5.57227	5.57227	0.0493677	3.3537	3.3537	0.253957	0.525875	-1.90159
cg07052568	NFIX	0.0079902	0.90223	0.940577	-1.06318	0.00327761	7.37144	7.37144	0.07397	2.69852	2.69852	0.0294214	3.59152	3.59152	0.0395844	0.305303	-3.27543
cg03172991	NFIX	0.00843257	0.0053433	0.557259	-1.7945	0.828773	0.966074	-1.03512	0.218421	0.813599	-1.22911	0.94338	0.988745	-1.01138	0.0017099	0.489888	-2.04128
cg07788061	NFIX	0.00969866	0.500517	0.841731	-1.18803	0.370181	1.26096	1.26096	0.0363292	1.84625	1.84625	0.0804068	1.6301	1.6301	0.0135312	0.462979	-2.15993
cg14925616	NFIX	0.011831	0.630087	0.885845	-1.12887	0.114815	1.53471	1.53471	0.0579722	1.70803	1.70803	0.00648784	2.42018	2.42018	0.718723	0.913618	-1.09455
cg01634146	NFIX	0.0122421	0.00530003	0.275914	-3.62432	0.00419618	3.83344	3.83344	0.67009	0.86057	-1.16202	0.54957	1.23634	1.23634	0.0175484	0.363234	-2.75304
cg11127915	NFIX	0.013773	0.180745	0.696032	-1.43672	0.102845	1.57622	1.57622	0.0273689	1.9455	1.9455	0.00551731	2.53463	2.53463	0.552841	0.858055	-1.16543
cg25417223	NFIX	0.0156734	0.344829	0.658477	-1.51866	0.0465584	2.66125	2.66125	0.00509276	4.90249	4.90249	0.408818	1.43731	1.43731	0.916068	0.955741	-1.04631
cg05356319	NFIX	0.0180026	0.389144	1.27743	1.27743	0.00183068	3.41561	3.41561	0.00628408	2.68489	2.68489	0.0704604	1.75229	1.75229	0.540387	1.18763	1.18763
cg23526147	NFIX	0.0219142	0.113419	0.754927	-1.32463	0.461609	1.13011	1.13011	0.0581821	1.41822	1.41822	0.174184	1.26607	1.26607	0.49209	0.892372	-1.12061
cg15783941	NFIX	0.0236384	0.0129336	0.31444	-3.18025	0.233732	1.59703	1.59703	0.251501	1.56712	1.56712	0.0526822	2.28405	2.28405	0.00436078	0.23976	-4.17083
cg19309341	NFIX	0.0237414	0.819103	0.91813	-1.08917	0.00945512	3.40865	3.40865	0.0635849	2.17649	2.17649	0.104279	1.93901	1.93901	0.0960257	0.505816	-1.977
cg24135793	NFIX	0.0304726	0.989442	1.00215	1.00215	0.0738997	1.38218	1.38218	0.934229	0.986679	-1.0135	0.44225	1.13576	1.13576	0.0351232	1.49003	1.49003
cg09331335	NFIX	0.0339016	0.851599	1.12083	1.12083	0.0642912	3.54718	3.54718	0.0172577	5.85204	5.85204	0.114294	2.84684	2.84684	0.553389	0.694079	-1.44076
cg00425217	NFIX	0.0398377	0.0142053	0.294718	-3.39307	0.449893	0.732745	-1.36473	0.0647819	2.31098	2.31098	0.266897	1.59545	1.59545	0.0517952	0.409086	-2.44447
cg27392771	NFIX	0.0419548	0.649455	0.850529	-1.17574	0.061266	2.10878	2.10878	0.114299	1.83625	1.83625	0.0405449	2.30903	2.30903	0.0627463	0.476707	-2.09773
cg12566747	NFIX	0.0419588	0.0167625	0.535437	-1.86763	0.545245	1.13997	1.13997	0.0615169	1.56941	1.56941	0.744722	1.07241	1.07241	0.144277	0.714902	-1.39879
cg22630169	NFIX	0.0469762	0.647282	0.805146	-1.24201	0.166671	2.00114	2.00114	0.0262099	3.45816	3.45816	0.00606999	5.39644	5.39644	0.803968	1.12412	1.12412
cg24277817	NFIX	0.0479473	0.377638	1.38921	1.38921	0.00418553	4.02803	4.02803	0.064596	2.12514	2.12514	0.0258009	2.615	2.615	0.390418	1.37655	1.37655
cg06661765	NFIX;NFIX	0.0387185	0.159774	0.770752	-1.29743	0.577362	0.907029	-1.1025	0.299524	1.20487	1.20487	0.0880006	1.38592	1.38592	0.713095	0.937988	-1.06611
cg25663524	NFKB1;NFKB1	0.000191285	0.00659818	1.57758	1.57758	0.470114	0.909393	-1.09963	0.00279227	1.70346	1.70346	0.0321406	1.3832	1.3832	9.93E-05	0.409495	-2.44203
cg01983105	NFKB1;NFKB1	0.00350645	0.0116474	0.448467	-2.22982	0.00463794	0.383719	-2.60607	0.00286822	0.352306	-2.83844	0.385361	0.797442	-1.25401	0.000384726	0.236694	-4.22486
cg01137708	NFKB1;NFKB1	0.00444294	0.368547	0.872276	-1.14643	0.00948897	0.614924	-1.62622	0.0132099	1.57536	1.57536	0.195102	0.816472	-1.22478	0.0010026	0.485463	-2.05989
cg05343713	NFKB1;NFKB1	0.00450557	0.647836	1.10357	1.10357	0.00342252	0.426448	-2.34495	0.0128725	0.515901	-1.93836	0.0785562	1.52001	1.52001	0.599925	1.1201	1.1201
cg23885005	NFKB1;NFKB1	0.00706628	0.00672879	0.38453	-2.60057	0.456713	1.22894	1.22894	0.80545	1.06942	1.06942	0.791349	1.07478	1.07478	0.000811609	0.253182	-3.94973
cg24880057	NFKB1;NFKB1	0.0119646	0.927872	0.990362	-1.00973	0.862475	1.01872	1.01872	0.709178	0.960717	-1.04089	0.778319	0.970262	-1.03065	0.131611	1.19018	1.19018
cg26894311	NFKB2;NFKB2	0.0384113	0.00958466	0.631479	-1.58358	0.0295065	0.69821	-1.43223	0.139028	0.799975	-1.25004	0.722167	0.951193	-1.05131	0.0901708	0.769715	-1.29918
cg23227945	NFKB2;NFKB2;NFKB2	0.000208042	0.0687086	0.821321	-1.21755	4.52E-05	2.10749	2.10749	0.229454	0.885298	-1.12956	0.328821	1.10227	1.10227	0.00444311	0.693023	-1.44295
cg02205181	NFKB2;NFKB2;NFKB2	0.0145815	0.314199	0.688936	-1.45151	0.0860003	0.507035	-1.97225	0.983841	0.992776	-1.00728	0.659091	0.85305	-1.17226	0.461651	0.7647	-1.3077
cg08234927	NFKB2;NFKB2;NFKB2	0.0158198	0.00620261	0.62758	-1.59342	0.477056	1.09898	1.09898	0.00243335	1.7348	1.7348	0.641069	0.940544	-1.06321	0.945153	0.991058	-1.00902
cg26571105	NFKB2;NFKB2;NFKB2	0.0164342	0.0018515	0.218196	-4.58304	0.0199766	0.380077	-2.63104	0.162447	0.598242	-1.67156	0.13048	1.75526	1.75526	0.588432	0.828444	-1.20708
cg23779220	NFKB2;NFKB2;NFKB2	0.0279219	0.19716	1.37225	1.37225	0.528391	0.862212	-1.15981	0.00894338	2.16369	2.16369	0.00605599	2.29794	2.29794	0.384063	0.812895	-1.23017
cg20303995	NFKB2;NFKB2;NFKB2	0.0401702	0.0310693	0.560964	-1.78265	0.635093	1.11538	1.11538	0.668975	1.10323	1.10323	0.536611	0.866817	-1.15365	0.741322	0.927127	-1.0786
cg15927865	NFKB2;NFKB2;NFKB2	0.0481364	0.193812	1.20355	1.20355	0.0122282	1.52297	1.52297	0.0142085	1.50327	1.50327	0.0140398	1.50482	1.50482	0.29687	1.15691	1.15691
cg23044504	NFKB2;NFKB2;NFKB2;NFKB2	0.00301201	0.2601	1.12189	1.12189	0.206297	1.13942	1.13942	0.816879	1.02297	1.02297	0.000852203	0.61219	-1.63348	0.296521	0.899445	-1.1118
cg05852416	NFKBIA	4.20E-05	0.261037	0.894069	-1.11848	0.0153032	1.32899	1.32899	0.0085774	1.37751	1.37751	2.48E-05	0.449058	-2.22688	1.95E-05	2.28822	2.28822
cg05014952	NFKBIA	0.000277496	0.198545	0.911433	-1.09717	0.000551076	1.44211	1.44211	0.0395513	1.17643	1.17643	0.115198	0.889676	-1.124	0.00087683	0.711389	-1.4057
cg08315283	NFKBIA	0.00141564	0.444358	0.765635	-1.30611	0.511198	1.25636	1.25636	0.648472	1.17022	1.17022	0.768363	0.9038	-1.10644	0.218032	1.55857	1.55857
cg20935025	NFKBIA	0.00273169	0.115774	0.749857	-1.33359	0.984538	0.996742	-1.00327	0.000175999	2.91892	2.91892	0.699495	1.06749	1.06749	0.700236	1.06731	1.06731
cg04545963	NFKBIA	0.0461132	0.00923293	0.253033	-3.95206	0.0777787	2.25956	2.25956	0.355751	1.48447	1.48447	0.434079	0.717526	-1.39368	0.0892462	0.458708	-2.18004
cg11355225	NFKBIB;NFKBIB	0.00982672	0.66154	0.873018	-1.14545	0.0393399	0.479556	-2.08526	0.645052	0.866766	-1.15371	0.00593113	0.329772	-3.0324	0.175823	1.55848	1.55848
cg15494731	NFKBIB;NFKBIB	0.0236497	0.287523	0.835178	-1.19735	0.0873208	0.735008	-1.36053	0.692182	0.937162	-1.06705	0.941635	1.01201	1.01201	0.460537	0.88467	-1.13036
cg24375646	NFKBIB;NFKBIB	0.0349143	0.00527129	0.190951	-5.23695	0.73886	1.16251	1.16251	0.923559	0.957722	-1.04414	0.213715	0.554717	-1.80272	0.00271637	0.155095	-6.44767
cg03710719	NFKBID	0.00351206	0.799878	1.09751	1.09751	0.523771	0.789264	-1.267	0.0471312	0.435141	-2.2981	0.531038	0.792615	-1.26165	0.719991	0.876476	-1.14093
cg23494026	NFKBID	0.0462853	0.0419047	0.333609	-2.99752	0.0186298	0.263053	-3.80152	0.243385	0.564677	-1.77092	0.104136	0.435242	-2.29757	0.00377448	0.160424	-6.23346
cg19109431	NFKBIE	0.00012124	0.00157008	0.432804	-2.31052	0.0400255	0.645568	-1.54902	0.00122848	0.418236	-2.39099	0.0429779	0.650853	-1.53645	1.40E-05	0.188101	-5.3163
cg03822267	NFKBIE	0.000792208	0.00711471	0.558043	-1.79198	0.0367412	1.50247	1.50247	0.00758414	0.562037	-1.77924	0.0394236	1.49147	1.49147	0.0372848	0.66659	-1.50017
cg00668559	NFKBIE	0.0179439	0.00532959	0.25139	-3.97788	0.220976	1.62243	1.62243	0.791816	0.905294	-1.10461	0.0223348	0.357121	-2.80017	0.00655639	0.264962	-3.77413
cg01708236	NFKBIE	0.0437736	0.12533	0.79162	-1.26323	0.154984	1.2391	1.2391	0.0177192	1.50116	1.50116	0.678774	0.943027	-1.06041	0.611759	1.07476	1.07476
cg20248972	NFKBIL1;ATP6V1G2;NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1	0.024471	0.195707	0.559662	-1.78679	0.692417	1.18371	1.18371	0.104995	2.12007	2.12007	0.189174	1.80401	1.80401	0.000859054	0.119646	-8.35799
cg13074835	NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;ATP6V1G2;NFKBIL1	0.0269133	0.118049	0.34648	-2.88617	0.0496064	4.09648	4.09648	0.0580243	3.84514	3.84514	0.0180151	0.160758	-6.22051	0.796843	0.852893	-1.17248
cg21053741	NFKBIL1;NFKBIL1;NFKBIL1;NFKBIL1	0.00102025	0.00205014	0.331074	-3.02047	0.0412978	0.549392	-1.8202	0.0880309	1.61451	1.61451	0.731609	0.91612	-1.09156	0.000346326	0.231155	-4.32611
cg25420482	NFKBIL1;NFKBIL1;NFKBIL1;NFKBIL1	0.0045003	0.00353428	0.134224	-7.45023	0.00365846	0.135881	-7.35941	0.18675	0.491281	-2.03549	0.0209944	0.24411	-4.09652	0.00213313	0.111755	-8.94818
cg05989625	NFKBIL2	8.85E-05	0.804953	0.957698	-1.04417	0.000131057	0.313563	-3.18915	7.11E-05	0.2822	-3.54358	0.265092	0.816363	-1.22494	0.088484	0.72014	-1.38862
cg08877142	NFKBIL2	0.00171502	0.00253513	0.318561	-3.13911	0.726352	0.908532	-1.10068	0.0201418	0.465241	-2.14942	0.995918	1.0014	1.0014	0.619887	0.872401	-1.14626
cg23953034	NFKBIL2	0.0024158	0.376483	0.896843	-1.11502	0.0683607	0.782861	-1.27737	0.0084331	0.66794	-1.49714	0.0663203	0.78109	-1.28026	0.895856	1.01583	1.01583
cg14390179	NFKBIL2	0.00948837	0.0574392	0.609233	-1.64141	0.0371171	0.572294	-1.74735	0.00572393	0.433688	-2.3058	0.379703	1.23098	1.23098	0.773242	0.935548	-1.06889
cg20477464	NFKBIL2	0.0096356	0.028229	0.325007	-3.07686	0.010192	0.245263	-4.07726	0.120067	0.481163	-2.0783	0.761698	1.14104	1.14104	0.00577264	0.208235	-4.80226
cg20492799	NFKBIL2	0.0105456	0.18352	0.839439	-1.19127	0.177715	0.83723	-1.19442	0.0117881	0.676982	-1.47714	0.63093	1.06188	1.06188	0.109872	0.805605	-1.2413
cg19627145	NFKBIL2	0.0121362	0.245796	0.82263	-1.21561	0.00724365	0.572754	-1.74595	0.0084666	0.582357	-1.71716	0.782209	0.956405	-1.04558	0.309221	0.844283	-1.18444
cg17161921	NFKBIL2	0.0153992	0.406189	0.763652	-1.3095	0.0025978	0.266055	-3.75863	0.385217	0.753907	-1.32642	0.00571389	0.316657	-3.15799	0.0130337	0.376267	-2.65769
cg13390998	NFKBIL2	0.0202336	0.122613	0.833164	-1.20024	0.729878	0.962889	-1.03854	0.00414085	1.52107	1.52107	0.00638931	0.678978	-1.4728	0.964196	0.995115	-1.00491
cg07336097	NFKBIL2	0.0207103	0.974746	1.01225	1.01225	0.852891	1.07402	1.07402	0.777577	0.896778	-1.1151	0.587207	1.23476	1.23476	0.10417	1.98067	1.98067
cg15783027	NFKBIL2	0.0258949	0.612567	1.08862	1.08862	0.293477	1.19865	1.19865	0.0176718	1.61581	1.61581	0.666353	1.07479	1.07479	0.137534	1.30465	1.30465
cg13063040	NFKBIL2	0.0270987	0.874278	0.97553	-1.02508	0.900904	0.980698	-1.01968	0.836379	1.03289	1.03289	0.205446	1.23245	1.23245	0.268803	0.835105	-1.19745
cg12883821	NFKBIL2	0.0414974	0.102107	1.61316	1.61316	0.77827	0.927329	-1.07837	0.243276	0.721568	-1.38587	0.999132	0.999709	-1.00029	0.0437655	0.538231	-1.85794
cg22987188	NFKBIZ	3.98E-07	0.00235941	0.660382	-1.51428	0.00131636	0.63302	-1.57973	0.00170969	0.645305	-1.54965	0.202195	1.14078	1.14078	8.99E-09	0.100583	-9.94201
cg01649334	NFKBIZ	0.0410343	0.0359171	0.151253	-6.61143	0.0349109	0.149197	-6.70254	0.0198519	0.113464	-8.8134	0.101886	0.250144	-3.99769	0.0145196	0.0972687	-10.2808
cg05543419	NFKBIZ;NFKBIZ	0.000528945	0.157274	1.26171	1.26171	0.67773	0.937787	-1.06634	0.338103	1.1639	1.1639	0.111311	1.30552	1.30552	0.0651021	1.37482	1.37482
cg24935773	NFKBIZ;NFKBIZ	0.00103969	0.904885	0.976708	-1.02385	0.388735	0.84017	-1.19023	0.0400828	0.626433	-1.59634	0.577566	1.11731	1.11731	2.32E-05	0.188705	-5.29927
cg14099335	NFKBIZ;NFKBIZ	0.00178755	0.606878	0.952474	-1.0499	0.0656674	1.21385	1.21385	0.00934006	1.36247	1.36247	0.0125488	0.747301	-1.33815	0.0936869	1.1888	1.1888
cg13024275	NFKBIZ;NFKBIZ	0.00644576	0.135646	0.565778	-1.76748	0.000837677	0.168677	-5.92849	0.0620251	0.475145	-2.10462	0.86508	1.06208	1.06208	0.169377	0.595433	-1.67945
cg16189024	NFKBIZ;NFKBIZ	0.00697844	0.0316717	0.489692	-2.0421	0.0267381	2.10426	2.10426	0.805214	0.932363	-1.07254	0.286665	0.730808	-1.36835	0.982046	1.0064	1.0064
cg05980782	NFKBIZ;NFKBIZ	0.0261158	0.0281049	0.454793	-2.1988	0.971714	1.01083	1.01083	0.822019	0.933843	-1.07084	0.101468	0.579987	-1.72418	0.00913357	0.365671	-2.7347
cg17819990	NFKBIZ;NFKBIZ	0.0395686	0.284073	0.773459	-1.29289	0.00880311	0.463013	-2.15977	0.397661	0.818804	-1.22129	0.751784	1.07599	1.07599	0.0805682	1.5642	1.5642

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06141123	0.00316297	0.795707	-1.25674	0.0242264	0.858773	-1.16445	0.919544	0.994291	-1.00574	0.9179	1.00586	1.00586	4.36135	0.221832	0.0452118	1
cg11542063	0.334593	0.85467	-1.17004	0.000920459	0.457801	-2.18435	0.697859	1.0635	1.0635	0.174322	1.25614	1.25614	4.05854	1.60075	0.350591	1
cg14644871	0.0770465	1.4452	1.4452	0.237746	1.26068	1.26068	0.000811103	2.57562	2.57562	0.65594	0.919439	-1.08762	11.0206	6.12362	0.493911	1
cg08822075	0.971089	1.01122	1.01122	0.0208852	0.424947	-2.35324	0.000244922	6.46035	6.46035	0.910698	1.03514	1.03514	9.2676	13.9093	1.33409	1
cg24424745	0.00251025	0.385098	-2.59674	0.0100222	0.477566	-2.09395	0.789152	0.940884	-1.06283	0.0055105	0.436274	-2.29214	6.76452	5.53763	0.727669	1
cg19310148	0.26196	0.586779	-1.70422	0.0188283	0.273387	-3.65782	0.169622	0.513362	-1.94794	0.0358403	0.328599	-3.04322	5.18358	17.0523	2.92416	1
cg03781084	0.163203	1.14784	1.14784	0.00342526	0.691841	-1.44542	0.704557	0.965322	-1.03592	0.119267	1.16956	1.16956	3.65162	0.496399	0.120835	1
cg03886242	0.21439	0.50911	-1.96421	0.0583559	0.33129	-3.0185	0.0900586	0.381023	-2.62451	0.0998726	0.394056	-2.53771	3.46809	14.651	3.75512	1
cg11675722	0.00132612	0.727111	-1.37531	0.000860234	1.40715	1.40715	0.0093504	1.25229	1.25229	0.00558774	1.28195	1.28195	19.1452	1.41256	0.0655836	1
cg12262372	0.0403389	0.339195	-2.94816	0.032891	0.320088	-3.12414	0.606126	1.26799	1.26799	0.695292	0.835523	-1.19685	3.71904	12.2747	2.93378	1
cg17245735	0.000163287	0.23386	-4.27606	0.275392	1.29224	1.29224	0.62947	0.895977	-1.1161	0.404294	1.21265	1.21265	7.73403	6.25282	0.71865	1
cg18380742	0.0744792	1.3597	1.3597	0.390549	0.87281	-1.14572	0.00129789	2.06363	2.06363	0.101366	0.757782	-1.31964	10.6468	4.03145	0.336583	1
cg12079303	0.00120353	2.75094	2.75094	0.484556	0.859375	-1.16364	0.0050835	2.20366	2.20366	0.142143	1.4003	1.4003	8.68094	6.25838	0.64083	1
cg11531787	0.290255	1.22083	1.22083	0.859379	1.03276	1.03276	0.783796	1.05127	1.05127	0.0123586	1.76159	1.76159	7.47804	3.91401	0.465245	1
cg16001865	0.870246	1.05721	1.05721	0.608467	0.838768	-1.19222	0.00181488	4.52131	4.52131	0.550302	0.814116	-1.22833	6.93129	12.712	1.63022	1
cg05461182	0.0103499	0.33401	-2.99392	0.614398	1.18825	1.18825	0.0627657	2.03582	2.03582	0.128407	0.572359	-1.74716	5.40293	9.86451	1.62291	1
cg13055341	0.255438	1.48125	1.48125	0.143309	1.68281	1.68281	0.0982773	1.82223	1.82223	0.0748922	0.518687	-1.92795	4.90922	8.51437	1.54166	1
cg19368394	0.0371681	0.645421	-1.54938	0.697109	1.07336	1.07336	0.419497	0.861325	-1.161	0.0049594	0.510027	-1.96068	4.80792	2.49418	0.461125	1
cg01550545	0.162286	0.495733	-2.01721	0.22449	1.82232	1.82232	0.339336	1.58913	1.58913	0.423246	0.680659	-1.46916	4.61013	16.1513	3.11417	1
cg06722285	0.0865694	0.396853	-2.51983	0.284495	0.581134	-1.72077	0.837653	1.10535	1.10535	0.0152467	0.233465	-4.28329	4.44218	16.768	3.35531	1
cg13980007	0.0102408	1.65033	1.65033	0.88505	0.977858	-1.02264	0.43699	0.884501	-1.13058	0.312055	1.17571	1.17571	4.12756	1.56616	0.337279	1
cg00163784	0.00232621	0.585591	-1.70768	0.328236	0.880736	-1.13541	0.187295	0.838716	-1.1923	0.622487	0.93946	-1.06444	3.95833	0.992872	0.222961	1
cg03132702	0.0255387	0.599319	-1.66856	0.49954	0.876129	-1.14138	0.664735	0.919312	-1.08777	0.350528	1.20369	1.20369	3.93108	2.3176	0.524053	1
cg12126901	0.879236	0.931147	-1.07394	0.00669266	0.191964	-5.2093	0.456288	1.4276	1.4276	0.0601607	0.369807	-2.70412	3.92504	13.6853	3.09927	1
cg05377596	0.194629	0.638787	-1.56547	0.000946212	0.199841	-5.00399	0.619066	1.17789	1.17789	0.554	1.21597	1.21597	3.7689	6.36933	1.5022	1
cg19899972	0.476545	0.787055	-1.27056	0.522573	0.807045	-1.23909	0.0763395	1.91993	1.91993	0.0187586	0.3898	-2.56542	3.6238	6.28091	1.54066	1
cg17513460	0.232609	0.572347	-1.74719	0.153036	0.505521	-1.97816	0.19282	1.84858	1.84858	0.80165	1.11875	1.11875	3.48271	10.9617	2.79775	1
cg01518631	0.907884	1.03865	1.03865	2.21E-05	0.0614016	-16.2862	0.365766	1.35583	1.35583	0.240833	1.4952	1.4952	10.3856	17.6524	1.51084	1
cg14455366	0.564624	1.1114	1.1114	0.000440913	0.36541	-2.73665	0.323497	1.20318	1.20318	0.00719965	1.87615	1.87615	6.97452	3.6346	0.463222	1
cg01924448	0.911212	0.980538	-1.01985	0.0278627	0.63259	-1.5808	0.405709	0.860806	-1.1617	0.459665	0.875773	-1.14185	3.92052	1.92769	0.437061	1
cg09965258	0.108542	1.23398	1.23398	0.927124	0.989073	-1.01105	0.0500268	1.30788	1.30788	0.442508	1.09861	1.09861	5.39826	1.23333	0.203083	1
cg03536983	7.81E-05	1.62275	1.62275	0.14693	1.1112	1.1112	0.253099	0.922333	-1.08421	0.0894637	1.13522	1.13522	16.7401	1.21635	0.0645871	1
cg11859584	0.500461	0.722333	-1.3844	0.0391752	0.321394	-3.11145	0.11192	0.438976	-2.27803	0.385064	0.65472	-1.52737	3.85041	13.7944	3.18451	1
cg07818063	0.00202271	0.644812	-1.55084	0.000336119	1.79086	1.79086	0.00575484	1.44012	1.44012	0.237496	1.13282	1.13282	9.72637	1.56453	0.142982	1
cg15224023	0.000260347	2.08494	2.08494	0.000651843	1.8953	1.8953	0.198963	1.18062	1.18062	0.0393125	1.33869	1.33869	8.70709	2.06369	0.210678	1
cg18385371	0.609204	1.15622	1.15622	0.0197197	0.452546	-2.20972	0.0559822	1.83947	1.83947	0.628042	0.871581	-1.14734	7.16975	9.00007	1.11581	1
cg05636830	0.29567	1.23194	1.23194	0.00404629	2.17023	2.17023	0.246228	1.26309	1.26309	0.403246	1.17844	1.17844	6.98306	3.96135	0.441217	1
cg03281139	0.670517	1.30284	1.30284	0.0126363	0.147114	-6.79746	0.25058	2.10046	2.10046	0.087572	0.311679	-3.20843	5.68154	34.3861	5.37978	1
cg04535176	0.011945	2.52003	2.52003	0.305205	0.731354	-1.36733	0.10866	0.597136	-1.67466	0.00524515	0.337915	-2.95932	5.47131	7.52395	1.22237	1
cg26630171	0.307278	1.90751	1.90751	0.0147974	0.160018	-6.2493	0.00574094	9.13793	9.13793	0.248764	2.08896	2.08896	5.15889	30.5067	5.25638	1
cg19456275	0.663519	0.938164	-1.06591	0.00188661	1.90095	1.90095	0.185597	0.814914	-1.22712	0.00474608	0.578771	-1.7278	5.13634	1.72966	0.299332	1
cg02946248	0.0418715	0.646089	-1.54778	0.359991	1.19159	1.19159	0.0254556	1.63987	1.63987	0.716772	1.07021	1.07021	4.3438	2.38667	0.488394	1
cg14685245	0.0332039	1.43122	1.43122	0.00814469	1.62869	1.62869	0.259953	0.844314	-1.18439	0.834503	0.970319	-1.03059	4.14569	1.36179	0.291985	1
cg22315974	0.552894	1.35849	1.35849	0.146198	2.21683	2.21683	0.201061	1.99197	1.99197	0.307952	1.71355	1.71355	3.7465	15.4543	3.66667	1
cg18528593	0.00966517	0.559894	-1.78605	0.0468323	1.49646	1.49646	0.742668	1.0601	1.0601	0.58843	0.907763	-1.10161	3.73579	1.85641	0.441711	1
cg04251208	0.90247	1.02018	1.02018	0.0341855	1.49591	1.49591	0.0130858	1.6513	1.6513	0.724485	0.943961	-1.05937	3.5796	1.50554	0.373858	1
cg14543226	0.813071	0.886862	-1.12757	0.317313	1.68867	1.68867	0.00852512	5.48184	5.48184	0.116562	2.37336	2.37336	3.51433	14.299	3.61669	1
cg11719049	0.236538	1.99272	1.99272	0.00339576	9.15232	9.15232	0.0491175	3.48579	3.48579	0.201713	2.11589	2.11589	3.46162	16.9441	4.35098	1
cg03605666	0.704113	0.846931	-1.18073	0.302777	1.59169	1.59169	0.88093	1.06744	1.06744	0.833547	1.09596	1.09596	3.4586	10.3852	2.66907	1
cg14290576	0.853885	1.03511	1.03511	2.68E-07	0.0577449	-17.3176	0.403619	0.852179	-1.17346	5.90E-05	0.248691	-4.02105	41.7206	23.1472	0.493169	1
cg02106072	0.398926	1.19788	1.19788	1.22E-06	0.0729236	-13.713	0.766325	0.939592	-1.06429	0.00239673	0.412913	-2.42182	30.1857	20.8975	0.615376	1
cg13555464	0.326884	0.788298	-1.26856	0.000543733	0.28273	-3.53695	0.000238009	0.23921	-4.18042	0.278954	0.767543	-1.30286	11.4362	10.0045	0.777612	1
cg01243848	0.192591	0.729558	-1.37069	4.86E-05	0.174338	-5.73598	0.972097	0.992034	-1.00803	0.112448	0.673598	-1.48457	8.59465	7.11638	0.736001	1
cg14629032	0.43782	0.837803	-1.1936	0.315076	0.792716	-1.26149	0.195306	1.35836	1.35836	0.263755	1.29757	1.29757	4.30373	3.40814	0.703915	1
cg10708828	0.0272875	1.65761	1.65761	0.95889	1.01002	1.01002	0.98215	1.00434	1.00434	0.618466	1.10202	1.10202	4.12418	2.44519	0.527014	1
cg17976191	0.0490214	1.55372	1.55372	6.62E-07	0.0700956	-14.2662	0.0977379	0.700313	-1.42793	0.261406	1.25815	1.25815	34.5561	21.0413	0.541247	1
cg20116828	0.00618913	2.75297	2.75297	0.000208695	5.81313	5.81313	0.000416511	4.89378	4.89378	0.0189525	2.23891	2.23891	23.8668	30.4149	1.13276	1
cg02297936	0.00345633	2.081	2.081	2.25E-05	4.79877	4.79877	0.000160776	3.28645	3.28645	0.00792873	1.87478	1.87478	21.7087	11.7153	0.479696	1
cg22550549	0.0517451	2.53138	2.53138	4.68E-05	25.0802	25.0802	0.000482508	9.94133	9.94133	0.00364202	5.20827	5.20827	11.6657	32.5203	2.47795	1
cg18299835	0.00370637	1.82433	1.82433	0.000524851	2.29011	2.29011	0.000425524	2.35264	2.35264	0.40504	1.13954	1.13954	11.4382	4.25855	0.330943	1
cg22824635	0.0637143	4.47784	4.47784	0.00542159	13.9005	13.9005	0.00403923	16.0728	16.0728	0.00105277	32.6358	32.6358	11.1078	90.9959	7.28185	1
cg06197482	0.0540347	1.16619	1.16619	0.24641	0.918314	-1.08895	0.245545	1.08914	1.08914	0.000102265	0.616557	-1.62191	9.2223	0.721883	0.0695785	1
cg13649253	0.159916	1.59152	1.59152	0.000924913	4.62288	4.62288	0.000437892	5.58076	5.58076	0.00770227	2.88522	2.88522	9.20165	13.9568	1.34824	1
cg13465946	0.075548	1.70477	1.70477	0.00532855	2.69106	2.69106	0.00727347	2.54343	2.54343	0.173365	1.4779	1.4779	8.68161	9.9971	1.02358	1
cg11883009	0.829006	0.92881	-1.07665	0.000253399	7.83782	7.83782	0.00509343	3.53959	3.53959	0.0026919	4.12066	4.12066	7.89666	14.5804	1.64124	1
cg00689651	0.0171675	4.79113	4.79113	0.000738973	15.8807	15.8807	0.00209369	10.3333	10.3333	0.0250218	4.21423	4.21423	7.7078	35.53	4.09744	1
cg07052568	0.0442238	3.16493	3.16493	0.0106851	4.95109	4.95109	0.00688747	5.71945	5.71945	0.0573435	2.92036	2.92036	6.3466	24.9764	3.49813	1
cg03172991	0.564609	0.911383	-1.09723	0.603454	0.919884	-1.08709	0.000752103	0.442865	-2.25803	0.13056	0.770909	-1.29717	6.2397	2.50942	0.357484	1
cg07788061	0.0571822	1.71971	1.71971	0.0138094	2.15282	2.15282	0.0024146	2.89974	2.89974	0.213187	1.3914	1.3914	5.96868	6.00137	0.893757	1
cg14925616	0.0336569	1.85844	1.85844	0.00637022	2.42762	2.42762	0.00268295	2.81934	2.81934	0.0250578	1.94603	1.94603	5.59919	5.53298	0.878378	1
cg01634146	0.597763	0.829804	-1.2051	0.118633	0.552352	-1.81044	0.154958	1.70461	1.70461	0.539352	0.804331	-1.24327	5.53746	10.7675	1.72843	1
cg11127915	0.449051	1.21737	1.21737	0.577269	0.86626	-1.15439	0.00196827	3.05038	3.05038	0.0920231	1.60464	1.60464	5.32842	5.4863	0.915226	1
cg25417223	0.314192	1.56356	1.56356	0.275175	1.62826	1.62826	0.00146634	7.18723	7.18723	0.0201849	3.33021	3.33021	5.10587	14.9117	2.596	1
cg05356319	0.144362	1.54503	1.54503	0.0166217	2.25114	2.25114	0.0120043	2.38537	2.38537	0.122746	1.59036	1.59036	4.87489	5.94296	1.08364	1
cg23526147	0.524082	1.11112	1.11112	0.00339315	0.522024	-1.91562	0.0305598	0.660513	-1.51397	0.21954	1.23455	1.23455	4.56005	1.92361	0.374969	1
cg15783941	0.990078	1.00467	1.00467	0.21791	1.62584	1.62584	0.737941	1.13419	1.13419	0.652518	0.843696	-1.18526	4.44267	9.8939	1.97957	1
cg19309341	0.639577	1.19228	1.19228	0.0180396	2.91874	2.91874	0.0124455	3.18897	3.18897	0.0689123	2.13621	2.13621	4.436	9.76813	1.95735	1
cg24135793	0.053253	1.42873	1.42873	0.00112569	2.17923	2.17923	0.0606032	1.4102	1.4102	0.399955	1.15027	1.15027	4.06419	1.69919	0.371633	1
cg09331335	0.149128	2.56572	2.56572	0.0375638	4.34706	4.34706	0.00477575	9.79192	9.79192	0.0282102	4.84635	4.84635	3.91192	22.9833	5.2224	1
cg00425217	0.92522	1.03864	1.03864	0.130409	0.516993	-1.93426	0.0444739	2.5397	2.5397	0.79061	0.898098	-1.11346	3.68866	9.52895	2.29628	1
cg27392771	0.0320817	2.43117	2.43117	0.0730039	2.02888	2.02888	0.044459	2.26273	2.26273	0.15812	1.70552	1.70552	3.61877	7.17423	1.76223	1
cg12566747	0.124121	1.42804	1.42804	0.0150285	0.527515	-1.89568	0.431946	0.842301	-1.18722	0.983379	0.995552	-1.00447	3.61864	2.62407	0.644582	1
cg22630169	0.0514493	2.83821	2.83821	0.036456	3.13885	3.13885	0.0506553	2.85114	2.85114	0.1442	2.09187	2.09187	3.46908	12.1608	3.116	1
cg24277817	0.0324781	2.48193	2.48193	0.193481	1.64818	1.64818	0.291793	1.48767	1.48767	0.0242444	2.65233	2.65233	3.4424	7.1895	1.85646	1
cg06661765	0.074454	0.708576	-1.41128	0.0112918	0.576933	-1.7333	0.0266461	1.57673	1.57673	0.677674	1.07514	1.07514	3.72748	1.77384	0.423007	1
cg25663524	0.0191097	1.4428	1.4428	0.000877688	1.90559	1.90559	0.000178781	2.27134	2.27134	0.894975	1.01722	1.01722	18.5944	4.92005	0.235199	1
cg01983105	0.023057	0.500972	-1.99612	0.0207179	0.492458	-2.03063	0.0117032	0.448821	-2.22806	0.0065802	0.407576	-2.45353	8.1693	8.36937	0.910658	1
cg01137708	0.0257682	1.47961	1.47961	0.503816	1.10558	1.10558	0.0992224	0.765368	-1.30656	0.239004	1.20016	1.20016	7.60711	2.63746	0.308186	1
cg05343713	0.0125111	1.946	1.946	0.00201276	2.54427	2.54427	0.736101	1.07518	1.07518	0.727824	1.07775	1.07775	7.57488	5.50947	0.646519	1
cg23885005	0.41947	1.25152	1.25152	0.107521	1.61241	1.61241	0.117341	1.58826	1.58826	0.0282293	0.494282	-2.02314	6.5957	7.72739	1.0414	1
cg24880057	0.284432	1.12631	1.12631	0.000513296	0.559859	-1.78616	0.0154705	0.727785	-1.37403	0.24578	1.13866	1.13866	5.57884	1.01101	0.161087	1
cg26894311	0.489184	0.906224	-1.10348	0.0377804	0.713445	-1.40165	0.0540079	1.35872	1.35872	0.929792	1.01243	1.01243	3.73837	1.16302	0.276536	1
cg23227945	0.00138236	1.56523	1.56523	0.000202253	1.82619	1.82619	0.339057	1.09988	1.09988	0.00678698	1.40345	1.40345	18.1758	2.68681	0.131399	1
cg02205181	0.000391419	0.132261	-7.56078	0.378796	1.3816	1.3816	0.122365	1.82095	1.82095	0.340777	1.42111	1.42111	5.22934	10.6139	1.80417	1
cg08234927	0.421759	0.8984	-1.11309	0.062126	1.31545	1.31545	0.34487	1.13543	1.13543	0.131662	1.23671	1.23671	5.09013	1.374	0.239942	1
cg26571105	0.0223354	0.389407	-2.56801	0.0187467	0.374849	-2.66774	0.937642	0.973405	-1.02732	0.172106	0.606098	-1.6499	5.02598	9.44683	1.67076	1
cg23779220	0.452396	0.837208	-1.19445	0.81815	0.947949	-1.05491	0.230223	0.746648	-1.33932	0.045564	1.70259	1.70259	4.1919	3.57653	0.758399	1
cg20303995	0.76285	0.933212	-1.07157	0.00106658	0.331332	-3.01812	0.169598	0.715915	-1.39681	0.60789	0.88851	-1.12548	3.67738	3.03862	0.734488	1
cg15927865	0.617701	0.934438	-1.07016	0.896989	0.982696	-1.01761	0.450486	1.10918	1.10918	0.0487173	1.35442	1.35442	3.43728	0.988636	0.255664	1
cg23044504	0.222877	0.882137	-1.13361	0.919797	1.00991	1.00991	0.000240136	0.551491	-1.81327	0.210105	1.13805	1.13805	8.548	1.29784	0.13496	1
cg05852416	0.01937	1.3101	1.3101	0.000238479	0.559218	-1.78821	0.992956	1.00084	1.00084	0.386174	1.08856	1.08856	27.873	4.02814	0.12846	1
cg05014952	0.0229274	0.830496	-1.2041	0.00345602	0.762636	-1.31124	0.000623809	1.43214	1.43214	0.00575884	1.28016	1.28016	16.8047	1.23984	0.0655821	1
cg08315283	0.110238	1.81512	1.81512	0.215881	1.56215	1.56215	0.23348	1.53391	1.53391	2.24E-05	0.0544494	-18.3657	10.6555	19.7944	1.65126	1
cg20935025	0.753638	1.05445	1.05445	0.00361859	0.515241	-1.94084	0.821622	1.03876	1.03876	0.0214365	0.627907	-1.59259	8.799	3.95157	0.399194	1
cg04545963	0.510142	0.757419	-1.32027	0.712338	0.857256	-1.16651	0.256865	1.63583	1.63583	0.0307153	0.348005	-2.87352	3.49336	9.56918	2.43489	1
cg11355225	0.372772	0.754223	-1.32587	0.000425858	0.179084	-5.58396	0.246366	0.688184	-1.4531	0.112927	0.587506	-1.70211	5.94373	8.94532	1.33778	1
cg15494731	0.0953597	1.3483	1.3483	0.000889064	2.25234	2.25234	0.688877	1.06784	1.06784	0.559487	0.908233	-1.10104	4.44194	1.87142	0.374495	1
cg24375646	0.182757	0.52921	-1.88961	0.501585	0.735658	-1.35933	0.91958	0.955563	-1.0465	0.0738982	0.407944	-2.45132	3.87056	12.4189	2.85204	1
cg03710719	0.00144591	0.18523	-5.39868	?	?	?	0.000178651	0.0977875	-10.2263	0.0373399	0.412683	-2.42317	8.34538	15.7616	1.88866	1
cg23494026	0.103523	0.434482	-2.30159	0.0947218	0.42323	-2.36278	0.152755	0.488216	-2.04827	0.0436772	0.337653	-2.96162	3.48847	12.1108	3.08593	1
cg19109431	0.00502002	0.504358	-1.98272	0.00839164	0.537451	-1.86064	1.29E-05	0.184582	-5.41764	0.00122467	0.418053	-2.39204	21.027	11.3237	0.478693	1
cg03822267	0.000601544	0.411524	-2.42999	0.0758018	0.717802	-1.39314	0.000155371	0.337291	-2.9648	0.192876	0.793573	-1.26012	12.5667	5.60257	0.396292	1
cg00668559	0.319589	0.679198	-1.47232	0.0155868	0.327776	-3.05086	0.876147	0.943026	-1.06042	0.0470825	0.425425	-2.35059	4.88025	10.9336	1.99145	1
cg01708236	0.970936	0.994881	-1.00514	0.011633	0.641316	-1.55929	0.312785	0.863236	-1.15843	0.160623	1.23504	1.23504	3.56212	1.11932	0.279315	1
cg20248972	0.160552	0.52949	-1.88861	0.652232	0.824951	-1.21219	0.906861	1.0509	1.0509	0.964181	0.981132	-1.01923	4.38973	12.5091	2.53301	1
cg13074835	0.0081954	0.114091	-8.76494	0.314462	0.524813	-1.90544	0.410526	0.59411	-1.68319	0.486096	1.54876	1.54876	4.69063	27.6498	4.58475	1
cg21053741	0.0033132	0.361396	-2.76705	0.125041	1.52579	1.52579	0.488002	1.19635	1.19635	0.00077843	0.274281	-3.6459	11.6998	11.9979	0.911533	1
cg25420482	0.171594	0.477531	-2.0941	0.00151632	0.0983028	-10.1726	0.827227	0.894933	-1.1174	0.00503462	0.151973	-6.58011	7.57757	30.9516	3.63079	1
cg05989625	0.0194854	0.610604	-1.63772	0.000288573	0.355821	-2.8104	0.00397114	0.50833	-1.96723	5.95E-06	0.16943	-5.90215	22.8751	11.0564	0.429633	1
cg08877142	0.000299758	0.200744	-4.98146	0.00509126	2.74763	2.74763	0.578421	0.857917	-1.16561	0.00516949	0.364985	-2.73984	10.0821	11.901	1.04925	1
cg23953034	0.187968	0.845884	-1.1822	0.000149151	2.18515	2.18515	0.0702054	0.78442	-1.27483	0.112751	0.812938	-1.23011	9.1235	2.07946	0.202599	1
cg14390179	0.0177082	1.94483	1.94483	0.832443	1.05007	1.05007	0.0051342	0.426369	-2.34539	0.0445486	0.587458	-1.70225	6.01054	5.06233	0.74866	1
cg20477464	0.0277498	0.323501	-3.09118	0.000741138	0.108348	-9.2295	0.0815946	0.432873	-2.31015	0.118001	0.478859	-2.0883	5.98111	17.8266	2.64931	1
cg20492799	0.0553882	1.3091	1.3091	0.00270609	1.67183	1.67183	0.0944532	0.796116	-1.2561	0.197353	1.18415	1.18415	5.81083	1.41581	0.216577	1
cg19627145	0.062497	1.40103	1.40103	0.00936643	1.69892	1.69892	0.704162	0.940483	-1.06328	0.114437	0.758688	-1.31806	5.55312	2.27542	0.364226	1
cg17161921	0.6089	0.848956	-1.17792	0.00471022	0.303714	-3.29258	0.485501	0.798601	-1.25219	0.0731619	0.530413	-1.88532	5.13585	8.19015	1.41751	1
cg13390998	0.584914	1.06203	1.06203	0.0412103	0.773407	-1.29298	0.710373	0.96012	-1.04154	0.747256	1.03591	1.03591	4.68603	0.883421	0.167575	1
cg07336097	0.000447876	0.118837	-8.41485	0.882926	1.05833	1.05833	0.742488	1.13523	1.13523	0.294813	1.51889	1.51889	4.64901	10.8968	2.08346	1
cg15783027	0.915547	0.982517	-1.01779	0.00361612	0.519506	-1.92491	0.235443	0.813218	-1.22968	0.0819354	1.37783	1.37783	4.30416	1.88475	0.389236	1
cg13063040	0.497131	0.897752	-1.11389	0.000556508	0.432582	-2.3117	0.460435	0.88907	-1.12477	0.313607	1.17711	1.17711	4.23624	1.64241	0.344626	1
cg12883821	0.0512774	0.552568	-1.80973	0.0954244	0.61287	-1.63167	0.0175231	2.16563	2.16563	0.177523	0.681805	-1.4667	3.63349	4.11073	1.00564	1
cg22987188	0.00537002	0.698656	-1.43132	1.94E-06	0.315836	-3.1662	0.0582377	0.811103	-1.23289	6.82E-07	0.266922	-3.74641	92.7346	14.0527	0.1347	1
cg01649334	0.153913	0.306855	-3.25887	0.0218798	0.118983	-8.40454	0.0322368	0.143574	-6.96506	0.0443262	0.167359	-5.97518	3.64861	34.6099	8.43181	1
cg05543419	0.140327	1.27612	1.27612	8.52E-06	0.225588	-4.43287	0.962873	0.992871	-1.00718	0.706331	1.05991	1.05991	14.069	5.26401	0.332585	1
cg24935773	0.183249	0.757001	-1.321	0.0040217	0.466791	-2.14229	0.427059	0.852249	-1.17337	0.0451381	1.57329	1.57329	11.6373	7.16379	0.547191	1
cg14099335	0.003426	0.688634	-1.45215	0.00708964	0.721517	-1.38597	0.0206926	1.2987	1.2987	0.00725567	1.38396	1.38396	9.96182	1.38868	0.123912	1
cg13024275	0.347205	1.40888	1.40888	0.0135532	2.95064	2.95064	0.0249977	2.57153	2.57153	0.37281	0.723229	-1.38269	6.78699	13.4819	1.76572	1
cg16189024	0.451333	0.804515	-1.24299	0.000258148	0.181858	-5.49878	0.338595	1.32259	1.32259	0.530712	1.19722	1.19722	6.62148	8.42516	1.13102	1
cg05980782	0.0415805	0.489784	-2.04171	0.00274489	0.284888	-3.51015	0.847341	0.94313	-1.0603	0.0592741	0.523669	-1.9096	4.29141	6.27275	1.29929	1
cg17819990	0.0738219	1.58405	1.58405	0.163874	1.40907	1.40907	0.382015	0.813055	-1.22993	0.0586191	0.610713	-1.63743	3.69786	3.12067	0.750144	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01771416	NFKBIZ;NFKBIZ	0.0410651	0.541428	0.782435	-1.27806	0.00288886	5.08326	5.08326	0.977682	0.988959	-1.01116	0.211943	1.68515	1.68515	0.227167	0.604593	-1.65401
cg14965353	NFRKB	2.69E-06	0.00560138	0.726241	-1.37695	0.169075	1.13751	1.13751	0.432921	1.07291	1.07291	0.666287	1.03889	1.03889	0.351493	0.919135	-1.08798
cg03713997	NFRKB	0.00888665	0.081634	0.437065	-2.28799	0.0632856	0.408288	-2.44925	0.00787849	0.231763	-4.31474	0.019888	0.29953	-3.33856	0.00695668	0.223684	-4.4706
cg23611525	NFRKB	0.0092906	0.374259	1.15551	1.15551	0.0563462	0.71002	-1.40841	0.711521	0.942829	-1.06064	0.126952	0.769808	-1.29903	0.0249269	0.655112	-1.52646
cg27255275	NFRKB	0.0177411	0.471738	0.730557	-1.36882	0.920253	0.957962	-1.04388	0.00817331	0.234199	-4.26988	0.235829	0.586962	-1.70369	0.00772738	0.230498	-4.33844
ch.11.2716790	NFRKB;NFRKB	0.0171023	0.00142963	0.287654	-3.47639	0.047573	1.84443	1.84443	0.0433384	1.8735	1.8735	0.263292	1.37034	1.37034	0.139985	0.651162	-1.53571
cg21022435	NFRKB;NFRKB	0.0302921	0.00554115	0.280042	-3.5709	0.928791	1.03171	1.03171	0.0532828	0.464523	-2.15275	0.567675	1.22351	1.22351	0.114946	0.549578	-1.81958
cg10171557	NFS1	0.000561226	0.000282906	0.140838	-7.10038	0.0145939	0.370172	-2.70145	0.000320881	0.146067	-6.84618	0.00231213	0.245019	-4.08132	0.00585404	0.303626	-3.29353
cg20547295	NFU1;NFU1;NFU1;NFU1	7.43E-07	0.000225549	2.22063	2.22063	2.16E-07	7.66383	7.66383	2.60E-06	4.36977	4.36977	1.70E-07	8.17469	8.17469	0.000218397	2.22906	2.22906
cg10330312	NFU1;NFU1;NFU1;NFU1	0.00511675	0.140596	1.27067	1.27067	0.269786	0.840582	-1.18965	0.182016	0.807295	-1.2387	0.314773	0.854626	-1.1701	0.00058713	0.448105	-2.23162
cg12920882	NFU1;NFU1;NFU1;NFU1	0.0178008	0.115865	0.719851	-1.38918	0.0924612	1.42782	1.42782	0.136566	1.36136	1.36136	0.00421948	0.478607	-2.08939	0.112521	1.39416	1.39416
cg21296087	NFU1;NFU1;NFU1;NFU1	0.0180769	?	?	?	0.703198	0.872777	-1.14577	0.549893	0.806501	-1.23992	?	?	?	?	?	?
cg22688104	NFXL1	0.000230542	0.00732738	0.203343	-4.9178	0.00625773	0.193693	-5.16282	2.16E-05	0.0195167	-51.2383	0.000980239	0.104507	-9.56872	?	?	?
cg04574135	NFXL1	0.0168492	0.0448586	0.597478	-1.6737	0.0361491	0.579815	-1.72469	0.608239	0.890786	-1.1226	0.106691	1.48292	1.48292	0.0102877	0.485127	-2.06132
cg06297145	NFXL1	0.0281426	0.0632728	1.58011	1.58011	0.0329622	1.72678	1.72678	0.610653	1.11903	1.11903	0.0167712	1.89521	1.89521	0.0129423	0.508816	-1.96535
cg21463140	NFXL1	0.0291895	0.414502	0.782831	-1.27742	0.00883422	0.375897	-2.6603	0.0233433	0.451384	-2.21541	0.921372	1.0294	1.0294	0.130188	0.618908	-1.61575
cg09561739	NFXL1	0.0316255	0.0668841	1.22279	1.22279	0.00537842	1.43168	1.43168	0.991699	1.00102	1.00102	0.690191	0.96153	-1.04001	0.804782	0.976044	-1.02454
cg11174998	NFXL1	0.0434278	0.318687	1.41667	1.41667	0.433955	0.763505	-1.30975	0.00248726	0.241522	-4.1404	0.836879	1.07216	1.07216	0.117082	0.562504	-1.77777
cg00322698	NFYA;LOC221442;NFYA	0.00109116	0.00575382	1.85592	1.85592	0.000175166	2.96735	2.96735	0.0282829	1.55654	1.55654	0.0674006	1.41931	1.41931	0.0894008	1.37713	1.37713
cg19085918	NFYA;LOC221442;NFYA	0.0167353	0.302858	1.20048	1.20048	0.700536	0.93598	-1.0684	0.675944	0.930557	-1.07462	0.000689208	0.411853	-2.42805	0.813974	0.960448	-1.04118
cg16517196	NFYA;NFYA;C6orf130	0.00014399	0.469587	1.28681	1.28681	0.109458	1.81878	1.81878	0.313303	1.42969	1.42969	0.0240247	0.397465	-2.51594	1.77E-06	0.0167765	-59.6073
cg22942377	NFYA;NFYA;C6orf130	0.00235405	?	?	?	0.221077	1.37093	1.37093	0.0477325	1.77403	1.77403	0.150472	1.46337	1.46337	?	?	?
cg12694820	NFYA;NFYA;C6orf130	0.00292369	0.462636	1.06154	1.06154	0.000253435	1.6188	1.6188	0.0266893	1.23338	1.23338	0.537445	1.05114	1.05114	0.560885	1.04809	1.04809
cg19870365	NFYA;NFYA;C6orf130	0.00597491	0.47344	0.911525	-1.09706	0.116026	0.804911	-1.24237	0.159669	1.21035	1.21035	0.0663666	0.769814	-1.29902	0.107489	1.25006	1.25006
cg04249460	NFYA;NFYA;C6orf130	0.0273945	0.197585	0.629938	-1.58746	0.0307293	0.422693	-2.36578	0.193339	1.59528	1.59528	0.00796545	0.315297	-3.17162	0.0144932	0.359845	-2.77898
cg02167203	NFYA;NFYA;LOC221442	0.000202564	0.0160296	1.3615	1.3615	0.0170471	1.35592	1.35592	0.653285	0.953769	-1.04847	0.00664254	1.44593	1.44593	0.000208342	1.915	1.915
cg25110423	NFYA;NFYA;LOC221442	0.00025024	8.43E-05	8.45257	8.45257	0.000627489	4.88928	4.88928	0.153081	1.58702	1.58702	0.0219646	2.29237	2.29237	0.0785891	1.80349	1.80349
cg06671660	NFYA;NFYA;LOC221442	0.000835401	0.529713	0.929673	-1.07565	0.00273108	0.622607	-1.60615	0.259067	1.14439	1.14439	0.144398	0.835614	-1.19673	0.586147	0.938974	-1.06499
cg09580153	NFYA;NFYA;LOC221442	0.00198162	0.0245617	2.3488	2.3488	0.138532	1.66276	1.66276	0.00237363	3.86216	3.86216	0.238414	1.48252	1.48252	0.00510482	3.25418	3.25418
cg20398880	NFYA;NFYA;LOC221442	0.00275225	0.0171019	2.46429	2.46429	0.412847	1.29666	1.29666	0.0121076	2.63949	2.63949	0.104274	1.73509	1.73509	0.00301512	3.53175	3.53175
cg04346459	NFYA;NFYA;LOC221442	0.0161935	0.00897756	7.97528	7.97528	0.330751	1.87219	1.87219	0.0189943	5.89817	5.89817	0.227385	2.20749	2.20749	0.711619	1.26116	1.26116
cg02728342	NFYA;NFYA;LOC221442	0.0228115	0.222521	0.860734	-1.1618	0.111171	1.22509	1.22509	0.0101556	1.46124	1.46124	0.615471	1.06104	1.06104	0.499936	1.0834	1.0834
cg19433021	NFYB	0.00125422	0.00616298	2.42062	2.42062	0.00933431	2.26103	2.26103	0.80071	1.06458	1.06458	0.000341836	4.16609	4.16609	0.00116063	0.307145	-3.25579
cg12499092	NFYB	0.00200328	0.146693	1.31253	1.31253	0.00205346	0.468492	-2.13451	0.00831324	0.554903	-1.80212	0.00832243	1.80189	1.80189	0.00491105	0.521698	-1.91682
cg12062545	NFYB	0.0041203	0.0418359	0.857825	-1.16574	0.407048	1.05701	1.05701	0.911074	1.00733	1.00733	0.0729816	1.13967	1.13967	0.055508	1.15243	1.15243
cg10954182	NFYB	0.0126031	0.0127994	1.93803	1.93803	0.00611707	2.15037	2.15037	0.28869	0.790023	-1.26579	0.00148914	2.66542	2.66542	0.357842	0.816814	-1.22427
cg22024295	NFYB	0.0287678	0.0159047	0.630119	-1.587	0.106785	1.31707	1.31707	0.0836997	1.34905	1.34905	0.719318	1.05807	1.05807	0.563508	1.09564	1.09564
cg21432158	NFYB	0.0359087	0.0137869	0.473258	-2.11301	0.116706	1.52023	1.52023	0.0367467	1.81535	1.81535	0.533263	0.856354	-1.16774	0.0727801	0.611475	-1.63539
cg08069480	NFYB;NFYB	0.00887494	0.170153	1.18177	1.18177	0.809096	0.97271	-1.02806	0.167041	1.18341	1.18341	0.775046	0.967776	-1.0333	0.415758	1.09975	1.09975
cg15114013	NFYC;NFYC;LOC100130557;NFYC;NFYC;NFYC	0.0026886	0.051318	0.584125	-1.71196	0.00160871	0.334195	-2.99227	0.0176325	0.496804	-2.01287	0.196095	1.39268	1.39268	0.000586991	0.276067	-3.62231
cg24374857	NFYC;NFYC;LOC100130557;NFYC;NFYC;NFYC	0.00937079	0.0176759	0.593959	-1.68362	0.00114127	2.37177	2.37177	0.103335	1.37939	1.37939	0.648962	0.920594	-1.08626	0.0729529	0.696921	-1.43488
cg20458812	NFYC;NFYC;LOC100130557;NFYC;NFYC;NFYC	0.0102931	0.0813403	2.18041	2.18041	?	?	?	?	?	?	0.432607	1.36794	1.36794	0.383831	1.419	1.419
cg15986668	NFYC;NFYC;NFYC;LOC100130557;NFYC;NFYC	0.00277853	0.00552588	0.45713	-2.18756	0.0290362	0.575586	-1.73736	0.0771973	1.52465	1.52465	0.0698772	1.54514	1.54514	0.00035871	0.292554	-3.41817
cg13730534	NFYC;NFYC;NFYC;LOC100130557;NFYC;NFYC	0.0195058	0.658687	0.958225	-1.0436	0.0258964	0.775787	-1.28901	0.159935	0.865774	-1.15504	0.0597912	0.815558	-1.22615	0.12127	1.175	1.175
cg26783428	NFYC;NFYC;NFYC;LOC100130557;NFYC;NFYC	0.0206468	0.0128583	0.283868	-3.52276	0.00960873	0.262803	-3.80513	0.614019	1.23036	1.23036	0.438733	1.37982	1.37982	0.00604332	0.23181	-4.31388
cg13735974	NFYC;NFYC;NFYC;LOC100130557;NFYC;NFYC	0.0230723	0.295941	0.819183	-1.22073	0.0187168	1.68938	1.68938	?	?	?	0.0171531	1.70668	1.70668	0.554675	1.11625	1.11625
cg10336144	NFYC;NFYC;NFYC;LOC100130557;NFYC;NFYC	0.0251603	0.580727	1.10622	1.10622	0.0220198	1.64381	1.64381	0.00295688	2.09244	2.09244	0.591617	1.10296	1.10296	0.750781	1.05935	1.05935
cg26820000	NFYC;NFYC;NFYC;NFYC;MIR30E;NFYC	0.014372	0.196374	0.631074	-1.5846	0.974013	0.989083	-1.01104	0.0645439	2.01314	2.01314	0.0253102	0.408174	-2.44994	0.135538	0.581525	-1.71962
cg11417323	NFYC;NFYC;NFYC;NFYC;NFYC	0.00087933	0.0227706	0.529303	-1.88928	0.388116	0.813451	-1.22933	0.224348	0.742352	-1.34707	0.445247	1.19918	1.19918	0.00204529	0.362612	-2.75777
cg03734229	NFYC;NFYC;NFYC;NFYC;NFYC	0.00111993	0.457578	1.20217	1.20217	0.479132	0.839353	-1.19139	0.397737	0.809965	-1.23462	0.220432	1.36833	1.36833	0.000352462	0.247243	-4.0446
cg13573746	NFYC;NFYC;NFYC;NFYC;NFYC	0.0194601	0.8019	1.04041	1.04041	0.00985274	1.67194	1.67194	0.471106	0.890904	-1.12246	0.431641	0.881203	-1.13481	0.01276	0.614135	-1.62831
cg24700993	NFYC;NFYC;NFYC;NFYC;NFYC;MIR30C1	0.00886692	0.526147	1.15889	1.15889	0.114335	1.48335	1.48335	0.843596	1.04639	1.04639	0.769967	1.06963	1.06963	0.000976144	0.324297	-3.0836
cg11135080	NFYC;NFYC;NFYC;NFYC;NFYC;MIR30C1	0.0279453	0.0340703	0.354092	-2.82412	0.0183181	0.300687	-3.32572	0.0359069	0.358983	-2.78564	0.618475	1.23458	1.23458	0.135928	0.509429	-1.96298
cg01573807	NGB	0.0132955	0.983062	0.994937	-1.00509	0.000195969	4.4695	4.4695	0.960412	1.01194	1.01194	0.920683	0.976469	-1.0241	0.339085	0.790107	-1.26565
cg05836974	NGB	0.0233758	0.0418183	0.673948	-1.48379	0.0240394	1.57256	1.57256	0.0370355	0.665444	-1.50276	0.543136	0.901651	-1.10908	0.0713483	0.71266	-1.40319
cg21095982	NGB;MIR1260	0.0298604	0.564648	1.20973	1.20973	0.0381727	2.19392	2.19392	0.063943	0.506166	-1.97564	0.742357	0.897743	-1.1139	0.164568	0.615764	-1.624
cg04960285	NGDN;NGDN	0.000393731	0.440585	1.06533	1.06533	0.00238606	1.40592	1.40592	0.412971	1.06967	1.06967	0.633666	0.962102	-1.03939	1.14E-05	0.472333	-2.11715
cg10235955	NGDN;NGDN	0.00271798	0.355114	0.72763	-1.37432	?	?	?	0.0329091	2.30247	2.30247	0.000100052	0.0996095	-10.0392	0.954517	0.981116	-1.01925
cg07488987	NGDN;NGDN	0.0032289	0.998412	0.999731	-1.00027	0.00756216	1.59151	1.59151	0.759658	0.959353	-1.04237	0.535516	1.08856	1.08856	0.00173303	0.546498	-1.82983
cg06760279	NGDN;NGDN	0.00327787	0.446945	0.890403	-1.12309	0.478762	1.11386	1.11386	0.599635	1.08255	1.08255	0.0196705	1.52498	1.52498	0.712825	0.946144	-1.05692
cg26122402	NGDN;NGDN	0.0107983	0.798083	0.968916	-1.03208	0.356778	0.889811	-1.12383	0.200083	1.18143	1.18143	0.0679337	0.777369	-1.28639	0.0229997	0.715373	-1.39787
cg07783220	NGDN;NGDN	0.0186656	0.00941211	0.216077	-4.62799	0.172968	0.509175	-1.96396	0.0287938	0.301167	-3.32042	0.177624	0.513339	-1.94803	0.00160622	0.121734	-8.21463
cg12808350	NGDN;NGDN	0.0395398	0.025129	0.488964	-2.04514	0.177187	1.46999	1.46999	0.0541084	1.7989	1.7989	0.0689109	0.578811	-1.72768	0.193251	0.690869	-1.44745
cg21998869	NGEF	0.00172522	0.0866574	0.845778	-1.18234	0.00486133	1.39164	1.39164	0.000265044	1.69926	1.69926	0.359648	0.920019	-1.08693	0.22277	0.892798	-1.12007
cg16116752	NGEF	0.00401589	0.0116982	0.728939	-1.37186	0.174562	0.865075	-1.15597	0.000165652	0.525131	-1.90429	0.759202	0.969614	-1.03134	0.713887	0.963717	-1.03765
cg14242532	NGEF	0.00582817	?	?	?	0.280104	0.675239	-1.48096	0.0707939	0.489586	-2.04254	?	?	?	?	?	?
cg04363282	NGEF	0.0150074	0.029808	0.402556	-2.48413	0.00276799	0.230198	-4.34409	0.0167333	0.353688	-2.82735	0.696603	1.14964	1.14964	0.00362195	0.246295	-4.06017
cg19485804	NGEF	0.0167661	0.144589	2.16919	2.16919	0.794287	1.13784	1.13784	0.972548	1.01715	1.01715	0.640373	0.792545	-1.26176	0.0131179	0.218684	-4.57281
cg23883036	NGEF	0.0220678	0.916401	0.984285	-1.01597	0.0652308	0.731807	-1.36648	0.0451393	0.706985	-1.41446	0.120532	0.775676	-1.2892	0.458726	1.12054	1.12054
cg25309493	NGEF	0.0221857	0.0112168	0.169761	-5.89062	0.206292	0.475206	-2.10435	0.0465062	0.280124	-3.56985	0.113841	0.382856	-2.61195	0.0200078	0.208736	-4.79075
cg26178217	NGEF;NGEF	0.0050752	0.108681	0.653511	-1.5302	0.996309	1.00113	1.00113	0.00896723	0.445728	-2.24352	0.987384	0.996163	-1.00385	0.000446405	0.260069	-3.84513
cg10259518	NGEF;NGEF	0.0118849	0.0113852	2.95306	2.95306	0.760564	1.11013	1.11013	0.20048	1.58763	1.58763	0.167256	1.6541	1.6541	0.00747145	3.24569	3.24569
cg14478422	NGEF;NGEF	0.0169732	0.463539	0.859371	-1.16364	0.00418743	0.458738	-2.17989	0.551671	0.884861	-1.13012	0.909607	0.977194	-1.02334	0.000590528	0.340273	-2.93882
cg04801401	NGEF;NGEF	0.0295439	0.0414578	0.478851	-2.08833	0.103821	0.572923	-1.74543	0.0284129	0.444829	-2.24806	0.445442	0.783815	-1.27581	0.0027941	0.275163	-3.63421
cg20059312	NGEF;NGEF	0.0309496	0.158235	0.831582	-1.20253	0.521814	1.08261	1.08261	0.864666	1.02107	1.02107	0.456867	0.911524	-1.09706	0.0897928	0.795615	-1.25689
cg03429348	NGEF;NGEF	0.034733	0.0463648	0.370521	-2.6989	0.0185378	3.46377	3.46377	0.180049	1.8579	1.8579	0.0814749	2.3168	2.3168	0.02827	0.324056	-3.08589
cg06735243	NGEF;NGEF	0.041984	0.302882	0.728693	-1.37232	0.367172	0.759775	-1.31618	0.519177	0.823822	-1.21385	0.00958256	0.378038	-2.64523	0.0328354	0.476936	-2.09672
cg02941741	NGEF;NGEF	0.0491745	0.077985	2.76913	2.76913	0.340627	1.66649	1.66649	0.835406	1.11427	1.11427	0.171917	2.13034	2.13034	0.030589	3.74837	3.74837
cg07588253	NGF	4.90E-05	0.000518742	0.613802	-1.62919	0.551922	0.94719	-1.05575	0.000127548	0.548351	-1.82365	0.0103578	0.747425	-1.33793	0.0195318	0.775352	-1.28974
cg13804058	NGF	7.33E-05	0.000518683	2.03951	2.03951	0.0203385	1.44508	1.44508	0.00582398	1.60858	1.60858	0.34061	1.13801	1.13801	0.462187	1.10354	1.10354
cg04237618	NGF	8.45E-05	0.0413932	0.622676	-1.60597	0.000765337	2.79133	2.79133	0.000797244	0.360611	-2.77307	0.532773	0.880528	-1.13568	8.69E-06	0.142874	-6.99917
cg22572159	NGF	0.000434494	0.617366	1.09696	1.09696	0.948233	0.988141	-1.012	0.296578	0.819678	-1.21999	0.0169738	0.585721	-1.7073	0.215206	0.786871	-1.27086
cg04208291	NGF	0.000572321	0.338568	0.812854	-1.23023	0.231686	1.30146	1.30146	0.00323304	0.430091	-2.32509	0.306815	0.800741	-1.24884	0.317304	0.804826	-1.2425
cg01804281	NGF	0.00145742	0.0211069	0.578831	-1.72762	0.463687	1.1584	1.1584	0.00138849	0.401084	-2.49324	0.39194	0.841212	-1.18876	0.494213	1.14667	1.14667
cg13845149	NGF	0.00240919	0.292333	1.22191	1.22191	0.635358	0.916102	-1.09158	0.939377	0.986144	-1.01405	0.000468409	0.36467	-2.74221	0.432909	1.15813	1.15813
cg21264443	NGF	0.00270853	0.069083	0.623736	-1.60324	0.748452	1.07752	1.07752	0.00062423	0.294921	-3.39073	0.00148389	0.345156	-2.89724	0.000959956	0.319404	-3.13083
cg00934017	NGF	0.00293726	0.0348234	0.435232	-2.29763	0.0829166	0.522391	-1.91428	0.0161051	0.369395	-2.70713	0.00621497	0.299279	-3.34137	0.000556187	0.16342	-6.11922
cg12643226	NGF	0.00496763	0.161905	0.821975	-1.21658	0.559137	1.08062	1.08062	0.236825	0.849852	-1.17668	0.405577	0.894317	-1.11817	0.379586	0.888413	-1.1256
cg09008705	NGF	0.00713189	0.300755	1.52252	1.52252	0.105629	1.99974	1.99974	0.903729	1.04858	1.04858	0.0268276	0.357656	-2.79598	0.943503	0.972597	-1.02818
cg20678800	NGF	0.0114365	0.00173358	0.3062	-3.26584	0.165504	0.675825	-1.47967	0.0614632	0.572297	-1.74735	0.0498152	0.552846	-1.80882	0.00407451	0.360131	-2.77677
cg02626991	NGF	0.0141668	0.0121294	0.583584	-1.71355	0.181804	1.2765	1.2765	0.0926571	0.72708	-1.37536	0.38235	0.857004	-1.16686	0.394873	1.16194	1.16194
cg19313043	NGF	0.024485	0.227606	1.19906	1.19906	0.348813	0.870885	-1.14826	0.230505	1.19758	1.19758	0.391287	1.13416	1.13416	0.219719	0.831129	-1.20318
cg26678187	NGF	0.0313124	0.656109	0.945372	-1.05779	0.904124	1.01522	1.01522	0.492152	0.916269	-1.09138	0.502284	1.0891	1.0891	0.716896	1.0467	1.0467
cg21420366	NGF	0.0316983	0.0975312	2.42105	2.42105	0.0371117	3.24474	3.24474	0.00851495	5.1188	5.1188	0.0201595	3.90735	3.90735	0.881926	0.93027	-1.07496
cg27291710	NGF	0.044212	0.274207	0.644581	-1.55139	0.930652	0.966962	-1.03417	0.0157388	0.319079	-3.13402	0.0425405	0.405993	-2.4631	0.1321	0.534023	-1.87258
cg12082598	NGFR	6.86E-05	?	?	?	0.502388	1.257	1.257	0.093895	0.534331	-1.8715	0.024021	0.39528	-2.52985	1.76E-06	0.0091406	-109.402
cg06740142	NGFR	0.00127973	0.000282917	0.443328	-2.25566	0.778725	1.03938	1.03938	0.000832491	0.501704	-1.99321	0.00815539	0.62858	-1.59089	0.330943	0.871492	-1.14746
cg02619001	NGFR	0.00307699	0.00880445	0.356405	-2.8058	0.0236487	0.433597	-2.30629	0.0404071	0.480845	-2.07967	0.0121696	0.380439	-2.62854	0.000143485	0.13177	-7.58896
cg05817031	NGFR	0.0049321	0.139852	0.87012	-1.14927	0.558003	0.949438	-1.05325	0.0172859	1.28912	1.28912	0.12331	0.863985	-1.15743	0.14313	1.14776	1.14776
cg06052921	NGFR	0.00748511	0.875829	0.973486	-1.02724	0.38833	1.16408	1.16408	0.316719	1.19467	1.19467	0.0245369	0.631095	-1.58455	0.854481	1.03205	1.03205
cg02823457	NGFR	0.0082005	0.145836	0.502316	-1.99078	0.0140583	0.262677	-3.80696	0.10546	0.458443	-2.1813	0.454714	0.714789	-1.39901	0.00353757	0.174923	-5.71679
cg00719237	NGFR	0.00864884	0.00503341	0.470682	-2.12458	0.980533	1.00497	1.00497	0.801127	1.0526	1.0526	0.46443	1.16327	1.16327	0.00441991	0.462241	-2.16338
cg14598213	NGFR	0.00982917	0.435773	1.26809	1.26809	0.00556033	0.336878	-2.96843	0.782604	1.08613	1.08613	0.0363788	2.06818	2.06818	0.0860509	1.76229	1.76229
cg17129388	NGFR	0.0264357	0.216585	0.689021	-1.45134	0.0350922	2.02042	2.02042	0.933655	0.976431	-1.02414	0.00516565	2.87993	2.87993	0.0133472	0.415589	-2.40622
cg03303655	NGFR	0.0288004	0.0326663	0.293523	-3.40689	0.488835	0.70835	-1.41173	0.932225	0.959146	-1.04259	0.0186395	0.246957	-4.04929	0.0056888	0.168878	-5.92142
cg21309100	NGFR	0.0296943	0.809403	1.05582	1.05582	0.0188085	0.527412	-1.89605	0.660892	1.10432	1.10432	0.0393208	0.585118	-1.70906	0.00562625	0.441781	-2.26356
cg20413441	NGFR	0.0301448	0.594246	0.893843	-1.11876	0.31858	0.80641	-1.24006	0.295482	0.797362	-1.25414	0.064657	0.648446	-1.54215	0.245189	0.775905	-1.28882
cg00725777	NGFRAP1;NGFRAP1	0.0130043	0.435502	1.54021	1.54021	0.293928	0.553774	-1.80579	0.383052	0.615324	-1.62516	0.245693	0.517297	-1.93313	0.00265363	0.104668	-9.55403
cg13486082	NGFRAP1;NGFRAP1	0.0159037	0.45631	1.45686	1.45686	0.830876	1.11191	1.11191	0.445805	0.680139	-1.47029	0.210375	0.519635	-1.92443	0.00211954	0.117356	-8.52106
cg01577745	NGFRAP1;NGFRAP1;NGFRAP1	0.00244687	0.00903555	0.448468	-2.22982	0.0522509	1.70486	1.70486	0.146951	1.45664	1.45664	0.00222172	2.81676	2.81676	0.184275	0.711539	-1.4054
cg01753920	NGLY1	0.0315976	0.225382	1.27337	1.27337	0.0293675	0.61443	-1.62752	0.0425638	0.641975	-1.55769	0.60003	1.10564	1.10564	0.223625	1.27466	1.27466
cg12676444	NGLY1;NGLY1;NGLY1;NGLY1	0.00545406	0.0293171	0.483501	-2.06825	0.78151	1.08188	1.08188	0.578947	1.17196	1.17196	0.00694816	0.372079	-2.6876	0.000181887	0.166601	-6.00236
cg19156280	NGLY1;NGLY1;NGLY1;NGLY1	0.0101873	0.134096	0.649394	-1.5399	0.00352538	2.8782	2.8782	0.00188824	3.24455	3.24455	0.072208	0.584986	-1.70944	0.132193	1.54368	1.54368
cg02315353	NGLY1;NGLY1;NGLY1;NGLY1	0.0116423	0.949714	1.00672	1.00672	0.406029	1.09445	1.09445	0.000794339	0.583899	-1.71262	0.965635	0.995436	-1.00458	0.190613	1.15852	1.15852
cg27233612	NGLY1;NGLY1;NGLY1;NGLY1	0.0363752	0.12955	0.802978	-1.24536	0.00347806	0.587823	-1.70119	0.686989	0.947174	-1.05577	0.290911	1.15817	1.15817	0.654059	1.0623	1.0623
cg14097577	NGLY1;NGLY1;NGLY1;NGLY1;NGLY1;NGLY1;NGLY1	0.00268464	0.0817661	0.472733	-2.11536	0.000840439	0.128069	-7.80829	0.254918	0.632933	-1.57995	0.00106585	0.13906	-7.19114	?	?	?
cg13244293	NGLY1;OXSM;OXSM;OXSM	0.0126632	0.0156642	0.265271	-3.76973	0.00438148	0.181871	-5.4984	0.0173978	0.273334	-3.65853	0.201537	0.546549	-1.82966	0.012036	0.245906	-4.0666
cg13305165	NGLY1;OXSM;OXSM;OXSM	0.0147735	0.000773559	0.0540211	-18.5113	0.00604179	0.134733	-7.42209	0.0255794	0.232462	-4.30179	0.477161	0.678541	-1.47375	0.855748	0.907189	-1.10231
cg05431334	NGLY1;OXSM;OXSM;OXSM	0.0202049	0.0100974	0.606112	-1.64986	0.489694	1.11432	1.11432	0.429592	1.13245	1.13245	0.995216	0.999076	-1.00093	0.631245	0.928117	-1.07745
cg05151241	NGRN;NGRN	0.0498514	0.218618	0.826459	-1.20998	0.516636	1.10171	1.10171	0.112212	0.775106	-1.29015	0.269252	0.8441	-1.18469	0.108507	1.2942	1.2942
cg14150999	NHEDC1;NHEDC1	1.36E-05	2.19E-05	0.131385	-7.61119	0.000538433	0.27766	-3.60152	0.0170155	0.500262	-1.99895	0.149695	1.44434	1.44434	0.822327	0.947873	-1.05499
cg00068909	NHEDC1;NHEDC1	0.00195939	0.398278	1.14519	1.14519	0.0194385	0.642166	-1.55723	0.0979154	0.752299	-1.32926	0.0968204	1.33074	1.33074	0.993234	1.00133	1.00133
cg14368149	NHEDC1;NHEDC1	0.00984214	0.638072	0.89756	-1.11413	0.221477	1.34063	1.34063	0.00069644	0.307284	-3.25432	0.540188	0.868099	-1.15194	0.0223999	0.535765	-1.86649
cg03618211	NHEDC1;NHEDC1	0.0150371	0.0051684	0.20566	-4.86239	0.752461	0.873247	-1.14515	0.0537601	0.391358	-2.5552	0.564441	1.28345	1.28345	0.00124507	0.132575	-7.5429
cg15623444	NHEDC1;NHEDC1	0.0157266	0.0131087	0.176903	-5.65281	0.0113324	0.167777	-5.9603	0.00950314	0.157283	-6.35798	0.0939118	0.35452	-2.82072	0.00468603	0.120478	-8.30025
cg06999381	NHEDC1;NHEDC1	0.0185538	0.00756198	0.0373294	-26.7885	?	?	?	0.0224609	0.0730756	-13.6845	0.502101	0.521093	-1.91904	?	?	?
cg13868111	NHEDC1;NHEDC1	0.0399132	0.0509771	0.288008	-3.47212	0.0118461	0.172157	-5.80865	0.00842983	0.152015	-6.57829	0.766211	0.846232	-1.18171	0.130594	0.400856	-2.49466
cg03208010	NHEDC1;NHEDC1	0.0477847	?	?	?	0.00924171	0.489204	-2.04414	0.0270303	0.567477	-1.76219	0.0340475	0.585449	-1.70809	0.0978267	0.674997	-1.48149
cg07932102	NHEDC2	0.000201641	0.0113008	2.41494	2.41494	0.00183403	5.79667	5.79667	0.00528838	2.77789	2.77789	0.00166237	3.49133	3.49133	0.150249	1.68358	1.68358
cg18606098	NHEDC2	0.00138474	0.0692978	0.450761	-2.21847	0.0125435	0.295963	-3.3788	0.153406	0.549144	-1.82102	0.422369	0.725172	-1.37898	0.000523876	0.120072	-8.32832
cg12109838	NHEDC2	0.0218538	0.746044	0.88155	-1.13437	0.0107358	3.46874	3.46874	0.139412	1.85354	1.85354	0.4646	1.33477	1.33477	0.418902	0.725827	-1.37774

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01771416	0.419481	0.720809	-1.38733	0.600741	0.810931	-1.23315	0.0211281	3.00551	3.00551	0.906594	1.04769	1.04769	3.6476	9.09976	2.21754	1
cg14965353	0.0728063	1.19244	1.19244	0.000108703	0.548983	-1.82155	0.42647	0.931081	-1.07402	4.21E-08	5.45986	5.45986	56.9245	6.97219	0.108872	1
cg03713997	0.743873	0.868828	-1.15098	0.011997	0.260787	-3.83454	0.328452	1.54125	1.54125	0.0318358	2.94158	2.94158	6.137	17.8781	2.58948	1
cg23611525	0.00148711	2.06728	2.06728	0.273403	1.19799	1.19799	0.0180812	1.57624	1.57624	0.415948	1.14085	1.14085	6.05097	2.40709	0.353602	1
cg27255275	0.91514	0.955316	-1.04677	0.00317515	0.177591	-5.63091	0.19834	1.79143	1.79143	0.467218	1.37337	1.37337	4.89893	14.2708	2.58938	1
ch.11.2716790	0.610269	1.14898	1.14898	0.344171	0.768553	-1.30115	0.321095	0.758093	-1.3191	0.850734	0.950379	-1.05221	4.95952	5.7329	1.0275	1
cg21022435	0.00566785	0.281543	-3.55186	0.0289541	0.406882	-2.45771	0.805509	0.917455	-1.08997	0.231715	0.645294	-1.54968	4.07279	7.86664	1.7169	1
cg10171557	0.0147462	0.370985	-2.69552	0.000575998	0.171999	-5.81397	0.0886846	0.537689	-1.85981	0.000176127	0.122257	-8.17949	13.8391	23.9275	1.53687	1
cg20547295	0.000568807	2.00206	2.00206	0.00759614	1.56279	1.56279	4.03E-05	2.772	2.772	4.43E-07	6.40373	6.40373	79.1015	21.1875	0.238091	1
cg10330312	0.245742	0.832383	-1.20137	0.0750552	0.741134	-1.34928	0.881835	1.02273	1.02273	0.000559736	0.445454	-2.2449	7.28703	2.63563	0.321501	1
cg12920882	0.0751261	0.683064	-1.46399	0.111135	1.39627	1.39627	0.992711	1.00176	1.00176	0.078693	1.45585	1.45585	4.8934	2.86698	0.520789	1
cg21296087	0.332712	0.701029	-1.42647	0.0146798	0.343749	-2.9091	0.00216716	0.216572	-4.61739	?	?	?	5.41373	6.01902	1.77889	1
cg22688104	0.848927	1.09184	1.09184	0.492265	0.725171	-1.37899	0.000172612	0.0529014	-18.9031	0.00211901	0.136632	-7.31892	18.1175	54.1465	2.98863	1
cg04574135	0.324437	0.796417	-1.25562	0.00610427	0.449028	-2.22703	0.00888636	0.474834	-2.106	0.92815	0.980027	-1.02038	4.98431	3.95004	0.70444	1
cg06297145	0.109032	1.46635	1.46635	0.511559	0.864313	-1.15699	0.127353	1.43492	1.43492	0.970347	1.00817	1.00817	4.18029	3.17602	0.675342	1
cg21463140	0.96486	1.01302	1.01302	0.00463437	0.331014	-3.02102	0.590002	1.17313	1.17313	0.0347863	0.485671	-2.05901	4.12671	5.63108	1.21293	1
cg09561739	0.717948	0.965107	-1.03615	0.717135	0.965003	-1.03627	0.380005	1.09218	1.09218	0.00309923	1.48623	1.48623	4.01073	0.608974	0.134965	1
cg11174998	0.0247892	0.405304	-2.46728	0.583975	0.829532	-1.2055	0.859753	1.06159	1.06159	0.0961461	0.539285	-1.85431	3.57266	6.46309	1.60804	1
cg00322698	0.957772	1.00909	1.00909	0.000338863	2.68237	2.68237	0.000713033	2.41242	2.41242	0.00571015	1.85756	1.85756	11.4786	5.30721	0.410984	1
cg19085918	0.481878	0.884811	-1.13018	0.0172217	1.64355	1.64355	0.360506	1.17462	1.17462	0.696844	0.935169	-1.06933	4.99562	2.31905	0.412637	1
cg16517196	0.831188	1.07592	1.07592	0.0520862	0.468893	-2.13268	0.903053	0.959094	-1.04265	0.019606	0.380394	-2.62885	20.0769	37.3558	1.6539	1
cg22942377	0.000826202	0.239875	-4.16884	?	?	?	0.00184565	0.294503	-3.39556	0.229366	1.36226	1.36226	14.6756	8.56057	0.583319	1
cg12694820	0.0393884	1.2097	1.2097	0.00390431	0.733201	-1.36388	0.322829	1.085	1.085	0.0156195	1.26718	1.26718	8.62383	0.871517	0.0898303	1
cg19870365	0.000937299	1.87242	1.87242	0.0080513	0.649672	-1.53924	0.0781979	1.28224	1.28224	0.435832	1.10628	1.10628	6.94814	1.77631	0.227246	1
cg04249460	0.22847	1.53554	1.53554	0.540707	0.810472	-1.23385	0.196753	0.629336	-1.58898	0.0431709	0.45415	-2.20192	4.22012	7.6952	1.62085	1
cg02167203	0.0220127	1.33315	1.33315	9.88E-06	2.70252	2.70252	0.000361236	1.81985	1.81985	0.0023363	1.56019	1.56019	18.3078	3.17744	0.154272	1
cg25110423	0.0204379	2.32402	2.32402	3.11E-05	11.6225	11.6225	0.000196569	6.61632	6.61632	0.00540926	3.01961	3.01961	17.2854	24.9452	1.28278	1
cg06671660	0.787282	0.969495	-1.03146	5.18E-05	2.38059	2.38059	0.0176456	1.39187	1.39187	0.0113768	1.43748	1.43748	12.3802	2.57245	0.1847	1
cg09580153	0.261424	1.45272	1.45272	9.99E-05	9.03248	9.03248	0.00145672	4.33232	4.33232	0.0406594	2.12469	2.12469	9.66786	15.5679	1.43136	1
cg20398880	0.0295638	2.21436	2.21436	9.84E-05	8.554	8.554	0.0191414	2.41024	2.41024	0.0121497	2.63766	2.63766	8.77952	13.3881	1.35549	1
cg04346459	0.300659	1.95457	1.95457	0.000852423	22.9114	22.9114	0.014276	6.60815	6.60815	0.223962	2.22177	2.22177	5.05074	31.2346	5.49703	1
cg02728342	0.157761	1.19328	1.19328	0.00128039	1.73211	1.73211	0.185347	1.17858	1.17858	0.691027	0.954338	-1.04785	4.49759	0.974887	0.192673	1
cg19433021	0.0176263	2.04299	2.04299	0.215916	0.72453	-1.38021	0.509059	1.18026	1.18026	0.391438	1.24266	1.24266	11.0316	10.696	0.861842	1
cg12499092	0.0475833	0.673286	-1.48525	0.009103	1.78342	1.78342	0.562578	1.10761	1.10761	0.385372	0.856098	-1.16809	9.6373	4.65239	0.429109	1
cg12062545	0.0144809	1.2177	1.2177	0.00337782	0.770589	-1.29771	0.840502	0.986913	-1.01326	0.00139714	1.35344	1.35344	7.78261	0.526802	0.0601686	1
cg10954182	0.163605	1.37456	1.37456	0.844071	1.04304	1.04304	0.702242	1.08567	1.08567	0.0908838	1.48968	1.48968	5.48535	3.97819	0.644657	1
cg22024295	0.216974	1.22529	1.22529	0.0805565	1.35411	1.35411	0.218564	0.816762	-1.22435	0.0167906	0.633532	-1.57845	4.14801	1.60716	0.344403	1
cg21432158	0.433273	0.821595	-1.21714	0.0742206	0.613316	-1.63048	0.85727	0.956723	-1.04523	0.13908	1.47884	1.47884	3.83137	3.66456	0.850188	1
cg08069480	0.888743	1.01613	1.01613	0.000175238	0.483031	-2.07026	0.402025	1.10301	1.10301	0.377861	0.901735	-1.10897	6.13956	1.27072	0.183975	1
cg15114013	0.0433971	0.569576	-1.75569	0.439483	0.826098	-1.21051	0.000876277	0.298487	-3.35023	0.114664	0.659874	-1.51544	8.84043	8.22003	0.826508	1
cg24374857	0.902057	0.978019	-1.02248	0.0832553	0.707387	-1.41365	0.087534	0.711411	-1.40566	0.386037	0.851782	-1.17401	6.03445	3.11488	0.45883	1
cg20458812	0.974836	1.01233	1.01233	0.00143363	0.126033	-7.93446	0.0262796	0.335648	-2.97931	0.0262243	0.335445	-2.98111	8.16678	14.4513	1.51673	1
cg15986668	0.249248	1.29499	1.29499	0.451142	1.17916	1.17916	0.0655953	1.55826	1.55826	0.338933	0.809296	-1.23564	8.75488	6.38937	0.648717	1
cg13730534	0.477629	1.07176	1.07176	0.00213871	0.660975	-1.51292	0.113554	1.17973	1.17973	0.83384	0.980037	-1.02037	4.74468	0.692411	0.129719	1
cg26783428	0.998556	1.00074	1.00074	0.01717	0.30611	-3.2668	0.662533	1.19603	1.19603	0.627691	0.819368	-1.22045	4.65388	12.248	2.33935	1
cg13735974	0.0367589	1.56282	1.56282	0.0364162	0.639184	-1.5645	0.337067	0.833483	-1.19978	0.42232	0.859988	-1.16281	4.55935	2.17382	0.476782	1
cg10336144	0.021481	1.64846	1.64846	0.266159	0.810862	-1.23325	0.144257	0.752896	-1.3282	0.187227	1.28781	1.28781	4.34756	2.25459	0.460968	1
cg26820000	0.0148401	0.364243	-2.74542	0.00210396	0.232817	-4.29521	0.30531	0.699287	-1.43003	0.0237187	0.402605	-2.48382	5.25435	9.44945	1.59858	1
cg11417323	0.473266	0.843445	-1.18561	2.22E-05	0.137232	-7.28695	0.552505	0.869126	-1.15058	0.00213086	0.365156	-2.73856	12.2025	10.5297	0.767029	1
cg03734229	0.00143562	0.325677	-3.07053	0.000322893	0.242719	-4.12	0.0742784	1.62273	1.62273	0.463154	1.19934	1.19934	11.3939	10.6915	0.834092	1
cg13573746	0.509408	1.11122	1.11122	0.00836841	1.70043	1.70043	0.0673358	1.38131	1.38131	0.94027	0.988261	-1.01188	4.74845	1.86729	0.349548	1
cg24700993	0.20526	1.35909	1.35909	0.00493823	0.425391	-2.35078	0.924391	1.02203	1.02203	0.0341577	0.566949	-1.76383	6.14132	5.12647	0.742	1
cg11135080	0.0373785	0.362768	-2.75658	0.0134654	0.276887	-3.61158	0.131945	1.9788	1.9788	0.969175	0.983911	-1.01635	4.19067	11.6931	2.48024	1
cg01573807	0.543006	0.863115	-1.15859	0.540142	0.86219	-1.15984	0.250123	1.33288	1.33288	0.894403	0.968748	-1.03226	5.39039	4.88011	0.804742	1
cg05836974	0.359672	0.853502	-1.17164	0.0154291	1.64859	1.64859	0.172398	0.783264	-1.27671	0.620875	0.919559	-1.08748	4.45985	1.99833	0.398286	1
cg21095982	0.583051	0.8342	-1.19875	0.00413162	0.284346	-3.51684	0.0285747	0.429682	-2.3273	0.324445	0.716945	-1.39481	4.0936	6.93265	1.50536	1
cg04960285	0.902663	1.00989	1.00989	0.614681	0.959978	-1.04169	0.0953996	1.15884	1.15884	0.0334254	1.22139	1.22139	15.2665	1.56562	0.0911577	1
cg10235955	0.010769	0.342697	-2.91803	0.993709	1.00264	1.00264	0.620296	0.846257	-1.18167	0.699283	1.13854	1.13854	9.00984	14.1713	1.57287	1
cg07488987	0.0214619	0.688234	-1.45299	0.0036067	1.70379	1.70379	?	?	?	0.138219	0.805858	-1.24091	8.55867	2.20351	0.257459	1
cg06760279	0.404483	0.880084	-1.13625	0.00099054	0.480548	-2.08096	0.000560061	2.22837	2.22837	0.38472	0.875062	-1.14278	8.3355	2.96052	0.315707	1
cg26122402	0.773209	0.965034	-1.03623	0.00160584	0.572724	-1.74604	0.109383	1.23989	1.23989	0.0237446	1.39443	1.39443	5.76679	1.38576	0.213601	1
cg07783220	0.0721193	0.392878	-2.54532	0.0195841	0.269058	-3.71667	0.0413398	0.334455	-2.98994	0.0317191	0.309754	-3.22837	4.81586	16.5229	3.04973	1
cg12808350	0.559911	1.17157	1.17157	0.0420907	1.87586	1.87586	0.149096	1.51524	1.51524	0.742613	0.915289	-1.09255	3.69886	4.22654	1.0157	1
cg21998869	0.191797	1.1301	1.1301	0.00144183	1.50327	1.50327	0.111491	0.85776	-1.16583	0.29271	1.10144	1.10144	10.0648	1.24875	0.110286	1
cg16116752	0.00104584	0.614528	-1.62727	0.47983	0.930447	-1.07475	0.120556	0.844518	-1.18411	0.0971153	0.832982	-1.20051	7.84311	1.25124	0.141807	1
cg14242532	0.605911	0.834285	-1.19863	0.000409759	0.121384	-8.23832	0.0648559	0.479937	-2.08361	0.00680458	0.280427	-3.56599	8.68737	10.8541	1.45765	1
cg04363282	0.194166	0.613332	-1.63044	0.0254141	0.388512	-2.57392	0.0639152	0.476577	-2.0983	0.5101	0.788376	-1.26843	5.17985	10.3903	1.78302	1
cg19485804	0.425899	1.49447	1.49447	0.000765062	0.080541	-12.416	0.177356	0.492406	-2.03084	0.897146	1.06599	1.06599	4.99255	19.308	3.43765	1
cg23883036	0.759681	1.04737	1.04737	0.00173821	1.96145	1.96145	0.249264	0.833887	-1.1992	0.48457	0.89839	-1.1131	4.54913	1.63958	0.320371	1
cg25309493	0.356762	0.589198	-1.69722	0.00198783	0.0874071	-11.4407	0.0511784	0.289573	-3.45336	0.0207352	0.21138	-4.73082	4.54082	22.4014	4.38518	1
cg26178217	0.0704506	0.611666	-1.63488	0.511854	1.17557	1.17557	0.375873	0.801757	-1.24726	0.00116018	0.313487	-3.18993	7.30521	6.83895	0.832155	1
cg10259518	0.0092394	3.09379	3.09379	0.00112106	5.15506	5.15506	0.0580243	2.0801	2.0801	0.0354672	2.30933	2.30933	5.59095	10.3468	1.64501	1
cg14478422	0.0657193	0.657385	-1.52118	0.234969	0.776583	-1.28769	0.742321	0.93518	-1.06931	0.322919	0.8127	-1.23047	4.97211	3.24905	0.580849	1
cg04801401	0.0310613	0.452649	-2.20922	0.70563	1.12619	1.12619	0.153749	0.619861	-1.61327	0.0224871	0.424857	-2.35373	4.10911	6.38226	1.38062	1
cg20059312	0.453388	1.09788	1.09788	0.00323234	1.63418	1.63418	0.0835821	0.791254	-1.26382	0.0761195	0.785615	-1.27289	4.04177	0.956819	0.210429	1
cg03429348	0.222596	1.74657	1.74657	0.143476	1.98174	1.98174	0.403021	1.45113	1.45113	0.76507	0.877752	-1.13927	3.87786	11.6264	2.66502	1
cg06735243	0.394527	0.772108	-1.29516	0.0050988	0.333644	-2.99721	0.0415401	0.498083	-2.0077	0.0413656	0.497697	-2.00925	3.61784	5.03958	1.23821	1
cg02941741	0.130311	2.33916	2.33916	0.0056828	6.59706	6.59706	0.0204444	4.27508	4.27508	0.0317862	3.70197	3.70197	3.40962	14.6058	3.80773	1
cg07588253	0.36955	0.920279	-1.08663	0.145756	1.1512	1.1512	1.07E-06	0.317361	-3.15098	0.0120273	0.75399	-1.32628	26.758	3.44426	0.114417	1
cg13804058	1.58E-05	3.2329	3.2329	0.00927002	0.647497	-1.54441	1.44E-05	3.28293	3.28293	0.378863	0.887945	-1.1262	24.054	6.60161	0.243955	1
cg04237618	0.518833	0.876595	-1.14078	0.831597	0.958021	-1.04382	0.00284796	0.437329	-2.28661	0.000188597	0.281326	-3.55459	23.1596	14.8756	0.57094	1
cg22572159	0.279435	1.22949	1.22949	0.0111354	0.557293	-1.79439	1.05E-05	5.64269	5.64269	0.16051	1.31712	1.31712	14.8571	7.94325	0.475239	1
cg04208291	0.000141842	0.251924	-3.96945	0.000455924	0.313543	-3.18935	0.00011436	0.241235	-4.14533	0.402699	0.835371	-1.19707	13.7639	9.61729	0.621098	1
cg01804281	0.745913	0.937914	-1.0662	0.194108	1.31106	1.31106	5.06E-05	0.223688	-4.47052	0.814118	0.954629	-1.04753	10.5668	6.50424	0.547144	1
cg13845149	0.388643	1.17595	1.17595	0.083949	1.4202	1.4202	0.000285661	0.337327	-2.96449	0.207793	0.783765	-1.27589	9.13085	4.86627	0.473732	1
cg21264443	0.359671	0.803684	-1.24427	0.0108991	0.476314	-2.09946	0.0171712	0.509715	-1.96188	0.0114496	0.479862	-2.08393	8.82117	7.52345	0.758121	1
cg00934017	0.00421877	0.273711	-3.65348	0.000731764	0.176228	-5.67445	0.937799	1.02675	1.02675	0.0180687	0.37865	-2.64096	8.61199	15.5991	1.61007	1
cg12643226	0.982721	1.00285	1.00285	0.000268647	2.19182	2.19182	0.00650819	0.628645	-1.59072	0.137011	0.810377	-1.23399	7.35316	2.00661	0.242569	1
cg09008705	0.498565	1.3091	1.3091	0.00561168	0.240386	-4.15997	0.000814468	7.23478	7.23478	0.974602	0.987597	-1.01256	6.57671	16.0088	2.1637	1
cg20678800	0.0185433	0.469379	-2.13048	0.025143	0.493858	-2.02487	0.00655501	0.392394	-2.54846	0.0592151	0.568795	-1.7581	5.66098	6.29141	0.987879	1
cg02626991	0.171681	0.77831	-1.28484	0.029592	1.55453	1.55453	0.00315244	0.499082	-2.00368	0.544582	1.11141	1.11141	5.27929	2.48061	0.417668	1
cg19313043	0.919986	1.01451	1.01451	0.267355	0.84737	-1.18012	0.000671499	2.10787	2.10787	0.984178	1.00285	1.00285	4.38886	1.42797	0.289211	1
cg26678187	0.0428317	1.33937	1.33937	0.00931958	1.51199	1.51199	0.00849021	0.65632	-1.52365	0.205913	0.845988	-1.18205	4.02501	1.00157	0.221188	1
cg21420366	0.157627	2.08515	2.08515	0.0068087	5.50197	5.50197	0.039338	3.18808	3.18808	0.602997	1.2907	1.2907	4.00743	15.0114	3.32969	1
cg27291710	0.0750171	0.465203	-2.1496	0.00924249	0.279381	-3.57934	0.0107579	0.290282	-3.44492	0.400672	0.717455	-1.39381	3.54889	8.37379	2.09738	1
cg12082598	0.0338227	0.426822	-2.34289	0.0225994	2.56508	2.56508	0.0568631	2.08902	2.08902	0.0735265	1.9746	1.9746	33.1835	51.3983	1.3553	1
cg06740142	0.427278	1.11755	1.11755	0.00618941	1.63151	1.63151	0.0242086	0.691812	-1.44548	0.833792	0.971599	-1.02923	10.9683	3.26596	0.264679	1
cg02619001	0.145035	0.616276	-1.62265	0.044785	0.490443	-2.03897	0.793909	1.08434	1.08434	0.00271798	0.277881	-3.59866	8.49396	12.8691	1.34675	1
cg05817031	0.0144661	1.30201	1.30201	0.0583649	0.82917	-1.20603	0.0264434	1.25921	1.25921	0.0010627	1.52774	1.52774	7.36928	0.895198	0.10798	1
cg06052921	0.00441664	0.52051	-1.92119	0.00435463	0.519639	-1.92441	0.00702273	1.82019	1.82019	0.662116	1.07849	1.07849	6.47804	3.02968	0.41572	1
cg02823457	0.305726	0.626487	-1.5962	0.000280803	0.0728886	-13.7196	0.294468	0.619121	-1.61519	0.0590501	0.390638	-2.55991	6.29488	19.3842	2.73721	1
cg00719237	0.145557	0.72803	-1.37357	0.00205371	0.413907	-2.416	0.641468	1.09994	1.09994	0.0140737	0.540289	-1.85086	6.18995	4.04451	0.580799	1
cg14598213	0.383095	1.30627	1.30627	0.0100142	0.378631	-2.6411	0.00876082	0.368846	-2.71116	0.894106	1.04058	1.04058	5.94326	8.39911	1.25619	1
cg17129388	0.869457	0.953974	-1.04825	0.238168	0.70191	-1.42468	0.843508	0.944953	-1.05825	0.668599	1.1313	1.1313	4.27317	5.554	1.15532	1
cg03303655	0.0627728	0.358179	-2.7919	0.00746073	0.184625	-5.41637	0.0700318	0.370348	-2.70016	0.0784548	0.383449	-2.60791	4.14635	15.7918	3.38542	1
cg21309100	0.256672	0.766347	-1.30489	0.190856	1.36525	1.36525	0.485468	1.17272	1.17272	0.178969	1.37839	1.37839	4.10171	3.28228	0.711308	1
cg20413441	0.00542806	2.14615	2.14615	0.0230869	1.76313	1.76313	0.488388	0.863359	-1.15827	0.228173	0.767964	-1.30214	4.07985	2.81514	0.613343	1
cg00725777	0.157165	2.2735	2.2735	0.00111673	0.0738199	-13.5465	0.415862	0.636702	-1.57059	0.176083	0.458	-2.18341	5.42956	25.3432	4.149	1
cg13486082	0.0971219	0.405333	-2.46711	0.00116651	0.0940149	-10.6366	0.39555	0.649504	-1.53964	0.360201	0.62716	-1.59449	5.08118	19.7959	3.46304	1
cg01577745	0.01517	0.48635	-2.05613	0.13898	0.68056	-1.46938	0.00464071	2.4842	2.4842	0.0518782	0.585928	-1.70669	9.08929	8.40578	0.822045	1
cg01753920	0.0298129	1.62462	1.62462	0.115267	1.38405	1.38405	0.118792	1.37902	1.37902	0.052578	1.51938	1.51938	4.01199	2.28914	0.507177	1
cg12676444	0.285733	0.730628	-1.36869	0.235042	0.703057	-1.42236	0.0641579	0.554973	-1.80189	0.0224437	0.461112	-2.16867	7.14593	9.06896	1.1281	1
cg19156280	0.596243	0.866858	-1.15359	0.128173	1.55187	1.55187	0.244072	1.38495	1.38495	0.922758	0.974418	-1.02625	5.87563	6.64463	1.00523	1
cg02315353	0.00666815	1.45313	1.45313	0.226886	0.873979	-1.14419	0.663392	1.04759	1.04759	0.577309	1.0616	1.0616	5.62842	1.00479	0.158686	1
cg27233612	0.195704	1.20122	1.20122	0.187116	0.829166	-1.20603	0.0174568	0.67863	-1.47356	0.834611	0.972377	-1.02841	3.81344	1.08417	0.252714	1
cg14097577	?	?	?	0.45555	1.33821	1.33821	?	?	?	0.0980031	2.02159	2.02159	11.2772	17.0319	1.76201	1
cg13244293	0.0264245	0.307582	-3.25117	0.00279375	0.157906	-6.33287	0.0252355	0.303632	-3.29346	0.128193	0.47873	-2.08886	5.47685	17.4038	2.82463	1
cg13305165	0.881346	1.08323	1.08323	0.780632	1.16122	1.16122	0.90107	1.06883	1.06883	0.739034	1.19605	1.19605	5.85188	25.9863	3.45386	1
cg05431334	0.0817522	0.742635	-1.34656	0.00086251	0.462255	-2.16331	0.678081	0.93764	-1.06651	0.951683	0.990696	-1.00939	4.68829	1.76683	0.334986	1
cg05151241	0.0331194	1.44334	1.44334	0.0297042	0.685945	-1.45784	0.658975	0.936669	-1.06761	0.0942743	1.31124	1.31124	3.39197	1.16573	0.305488	1
cg14150999	0.00012403	0.203355	-4.91752	1.12E-06	0.0491184	-20.359	0.762437	1.07483	1.07483	2.55E-05	0.137046	-7.29684	37.4824	33.6347	0.797642	1
cg00068909	0.0240574	1.52477	1.52477	0.000144786	0.358487	-2.7895	0.991722	0.998375	-1.00163	0.00544775	0.563742	-1.77386	9.69968	3.77511	0.345955	1
cg14368149	0.00318555	0.399045	-2.50598	0.732031	1.08156	1.08156	0.751004	0.929959	-1.07532	0.220548	0.745435	-1.3415	5.94076	4.89546	0.732486	1
cg03618211	0.0406594	0.363335	-2.75228	0.249003	0.596817	-1.67556	0.535589	0.764347	-1.30831	0.331262	1.53635	1.53635	5.17647	15.0436	2.58324	1
cg15623444	0.217204	0.481454	-2.07704	0.0122973	0.172847	-5.78545	0.0194632	0.203884	-4.90476	0.0406947	0.264392	-3.78226	5.10012	25.6024	4.46218	1
cg06999381	0.200045	0.273812	-3.65215	0.0103323	0.0454334	-22.0102	?	?	?	?	?	?	5.36408	43.2142	12.89	1
cg13868111	0.201651	0.470017	-2.12758	0.0166055	0.194369	-5.14486	0.065611	0.314447	-3.18019	0.0474694	0.280958	-3.55926	3.68608	18.3036	4.41387	1
cg03208010	0.215502	0.754181	-1.32594	0.0275754	0.569013	-1.75743	0.214591	0.753714	-1.32676	0.885728	1.03161	1.03161	3.49836	2.30657	0.659331	1
cg07932102	0.138329	1.55804	1.55804	0.00116676	3.74116	3.74116	1.11E-05	13.4424	13.4424	0.0393646	1.93946	1.93946	18.3305	22.4212	1.08725	1
cg18606098	0.0052543	0.236155	-4.23451	0.000399431	0.10981	-9.10664	0.000289018	0.0983913	-10.1635	0.0136145	0.302148	-3.30964	10.7232	26.1111	2.16445	1
cg12109838	0.884512	1.05801	1.05801	0.0129519	0.302199	-3.30908	0.0128612	0.301668	-3.3149	0.180106	0.575636	-1.73721	4.56436	10.8811	2.11904	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18626035	NHEDC2	0.0417969	0.0754293	0.280102	-3.57012	0.76074	0.821706	-1.21698	0.641533	1.35183	1.35183	0.901733	0.92365	-1.08266	0.0592838	0.254348	-3.93162
cg21356535	NHEG1	0.00450873	0.852199	0.949693	-1.05297	0.00160442	3.49877	3.49877	0.00213514	3.30038	3.30038	0.243398	0.713334	-1.40187	0.00704609	0.381377	-2.62207
cg10232138	NHEG1	0.00552115	0.0532561	1.60362	1.60362	0.00418594	0.438169	-2.28222	0.0713403	0.64846	-1.54211	0.113206	1.4488	1.4488	0.417728	1.19495	1.19495
cg01300341	NHEG1	0.00701903	0.00274445	0.677006	-1.47709	0.183756	0.875388	-1.14235	0.12069	1.17214	1.17214	0.0120072	1.34407	1.34407	0.191849	1.13927	1.13927
cg05485241	NHEG1	0.0245764	0.253217	0.836808	-1.19502	0.268557	1.18773	1.18773	0.0657668	1.36106	1.36106	0.00714659	0.595337	-1.67972	0.854145	1.02786	1.02786
cg05786341	NHEG1	0.0471062	0.538088	0.743883	-1.3443	0.0237213	0.277665	-3.60146	0.033532	0.307707	-3.24984	0.17154	0.501156	-1.99539	0.00237271	0.133813	-7.47312
cg00762605	NHEJ1	0.0156083	0.486686	0.769494	-1.29956	0.00329377	0.226632	-4.41245	0.039658	0.41396	-2.4157	0.486892	0.769593	-1.29939	0.00936795	0.294773	-3.39244
cg26152051	NHEJ1	0.0222063	0.0236699	0.452975	-2.20763	0.0505675	0.520375	-1.92169	0.0343097	0.484872	-2.0624	0.020362	0.440557	-2.26986	0.00255325	0.293185	-3.41081
cg06952862	NHEJ1	0.026721	0.35103	1.7331	1.7331	0.464975	0.653564	-1.53007	0.243832	0.496387	-2.01456	0.474091	1.51639	1.51639	0.293904	0.535535	-1.86729
cg02537221	NHEJ1;NHEJ1	0.00797987	0.392528	0.760644	-1.31467	0.0182204	0.408501	-2.44798	0.901967	1.03924	1.03924	0.123804	1.68303	1.68303	0.000540889	0.186342	-5.36648
cg08053523	NHEJ1;SLC23A3;SLC23A3;SLC23A3	0.00510518	0.145273	0.582364	-1.71714	0.392616	1.35358	1.35358	0.222318	1.55795	1.55795	0.0379514	2.29757	2.29757	0.0021287	0.224863	-4.44715
cg22321511	NHEJ1;SLC23A3;SLC23A3;SLC23A3	0.0120041	0.0442912	0.593916	-1.68374	0.394185	0.821342	-1.21752	0.36063	0.809014	-1.23607	0.0321707	0.567869	-1.76097	0.000359394	0.27503	-3.63596
cg01877084	NHLH1	0.0257615	0.00985216	0.261913	-3.81807	0.888078	1.05954	1.05954	0.409105	1.41447	1.41447	0.0629398	0.423474	-2.36142	0.00429721	0.208381	-4.79891
cg10230848	NHLH2	3.54E-05	0.104315	1.41703	1.41703	0.0213837	0.581121	-1.72081	0.00218714	0.430202	-2.32449	0.00848881	0.517108	-1.93383	0.00840447	1.93633	1.93633
cg22427279	NHLH2;NHLH2	4.39E-06	0.185244	0.74262	-1.34658	2.53E-05	0.170204	-5.87529	1.57E-05	0.151077	-6.61913	1.91E-05	0.158726	-6.30015	0.360788	0.819559	-1.22017
cg21863110	NHLH2;NHLH2	0.00288154	0.167949	2.03342	2.03342	0.00178765	8.55712	8.55712	0.0905982	2.46079	2.46079	0.197275	0.517741	-1.93147	0.000285139	17.4935	17.4935
cg11071926	NHLH2;NHLH2	0.00851073	0.126841	2.10964	2.10964	0.243079	1.73712	1.73712	0.387043	0.669759	-1.49307	0.0220183	0.288884	-3.4616	0.00386063	5.81166	5.81166
cg25341338	NHLH2;NHLH2	0.011472	0.0562369	1.98345	1.98345	0.749878	0.903652	-1.10662	0.89114	0.957552	-1.04433	0.306589	0.715139	-1.39833	0.000336334	6.24173	6.24173
cg00960552	NHLH2;NHLH2	0.0212734	0.0463582	4.80072	4.80072	0.291062	2.12373	2.12373	0.639696	0.723164	-1.38281	0.671544	1.34072	1.34072	0.00757517	10.6056	10.6056
cg14733680	NHLH2;NHLH2	0.0232563	0.06042	5.24176	5.24176	0.84735	0.860037	-1.16274	0.73811	1.30023	1.30023	0.62074	0.676902	-1.47732	0.00595422	16.6682	16.6682
cg24999518	NHLH2;NHLH2	0.0316104	0.0664435	5.44134	5.44134	0.380329	2.09723	2.09723	0.495614	1.76726	1.76726	0.516288	0.581794	-1.71882	0.0038973	24.4929	24.4929
cg00065905	NHLH2;NHLH2	0.0406424	0.0382731	11.7866	11.7866	0.77883	1.33546	1.33546	0.330279	2.80719	2.80719	0.479555	0.477845	-2.09273	0.0168857	19.9784	19.9784
cg18438853	NHLH2;NHLH2	0.0409091	0.0603515	6.37703	6.37703	0.757187	0.762419	-1.31161	0.776803	1.28222	1.28222	0.519318	0.564748	-1.7707	0.00725197	20.694	20.694
cg23202177	NHLH2;NHLH2;NHLH2	0.00990738	0.552248	1.30661	1.30661	0.0213843	0.292356	-3.42049	0.580131	1.28212	1.28212	0.039142	0.345876	-2.89121	0.102159	2.21576	2.21576
cg17873750	NHLH2;NHLH2;NHLH2	0.0189863	0.782134	0.898405	-1.11308	0.163095	0.562512	-1.77774	0.994434	0.997308	-1.0027	0.402107	0.717916	-1.39292	0.632314	1.20478	1.20478
cg02030187	NHLH2;NHLH2;NHLH2	0.0356993	0.191894	0.469995	-2.12768	0.1028	0.376991	-2.65258	0.166659	0.446674	-2.23877	0.0427819	0.279577	-3.57684	0.591029	1.34511	1.34511
cg18232313	NHLRC1	0.000679024	0.0689546	2.46341	2.46341	0.00905472	4.34666	4.34666	0.197436	0.546878	-1.82856	0.942421	1.03251	1.03251	0.0310166	0.325762	-3.06973
cg06646708	NHLRC1	0.00266169	0.705539	1.19861	1.19861	0.0110624	4.57529	4.57529	0.244394	0.559236	-1.78815	0.952081	0.971728	-1.0291	0.0275054	0.288178	-3.47007
cg18068140	NHLRC1	0.0058695	0.0478981	2.67566	2.67566	0.0165449	3.57505	3.57505	0.297236	0.624843	-1.6004	0.296236	0.62419	-1.60208	0.575726	0.781891	-1.27895
cg22736354	NHLRC1	0.0121364	0.00130472	8.82752	8.82752	0.418897	1.46852	1.46852	0.218444	1.82616	1.82616	0.00624649	5.24869	5.24869	0.779797	0.87775	-1.13928
cg25419628	NHLRC2;DCLRE1A	0.0086688	0.759433	1.13729	1.13729	0.0108776	4.0091	4.0091	0.0275333	3.06683	3.06683	0.691209	0.845964	-1.18208	0.0372918	0.354836	-2.8182
cg23404562	NHLRC2;DCLRE1A	0.0108042	0.00358379	0.327377	-3.05458	0.00188598	3.48013	3.48013	0.489079	1.2201	1.2201	0.0324449	0.492239	-2.03153	0.844311	1.05723	1.05723
cg07568716	NHLRC2;DCLRE1A	0.0386254	0.831458	0.933592	-1.07113	?	?	?	0.379554	1.33727	1.33727	0.024549	0.42168	-2.37147	0.9692	1.01253	1.01253
cg23717290	NHLRC2;DCLRE1A	0.0438209	?	?	?	0.03398	3.60699	3.60699	0.0182982	5.86815	5.86815	?	?	?	?	?	?
cg14640736	NHLRC3;C13orf23;C13orf23;NHLRC3 NHLRC3;C13orf23;C13orf23;NHLRC3;N	0.010968	0.559686	1.24117	1.24117	0.0338431	0.395155	-2.53066	0.670739	0.855122	-1.16942	0.00196037	0.183678	-5.44432	0.027528	0.375742	-2.6614
cg17350349	HLRC3;NHLRC3	0.00139183	0.347253	0.879744	-1.13669	0.519183	0.917129	-1.09036	0.50318	1.09411	1.09411	1.89E-05	3.16482	3.16482	0.967802	1.00536	1.00536
cg18817831	NHLRC3;NHLRC3	0.000208286	0.0261741	0.544344	-1.83707	0.0231292	1.87024	1.87024	0.00022033	0.241926	-4.1335	0.253163	0.759471	-1.31671	7.92E-05	0.193122	-5.17808
cg27369242	NHLRC3;NHLRC3	0.0133225	0.133274	0.641254	-1.55945	0.0339132	0.506927	-1.97267	0.809159	0.935774	-1.06863	0.655349	0.88404	-1.13117	0.000950177	0.258851	-3.86322
cg02129266	NHLRC4	0.00433767	0.120809	0.675572	-1.48023	0.020863	0.522979	-1.91212	0.000116496	0.207218	-4.82585	0.0998822	0.656834	-1.52245	0.0817989	0.637897	-1.56765
cg00273124	NHP2;NHP2	1.17E-06	1.30E-07	0.142457	-7.01969	0.000135588	0.463077	-2.15947	0.00019583	0.481977	-2.07479	0.0582604	1.28325	1.28325	2.87E-06	0.271267	-3.6864
cg24546426	NHP2;NHP2	2.38E-06	1.81E-06	0.181506	-5.50945	9.73E-05	0.36994	-2.70314	0.0895986	0.764429	-1.30817	0.00277012	1.8082	1.8082	7.71E-07	0.148434	-6.737
cg05654329	NHP2;NHP2	6.85E-06	8.37E-07	0.054643	-18.3006	0.00715571	0.464054	-2.15492	0.149514	0.710611	-1.40724	0.000767484	0.324208	-3.08444	1.71E-06	0.0707096	-14.1423
cg08525345	NHP2;NHP2	0.000449116	0.00108548	0.565356	-1.7688	0.831638	1.0255	1.0255	0.977429	1.00335	1.00335	0.716565	1.04406	1.04406	9.53E-06	0.323512	-3.09108
cg07869651	NHP2;NHP2	0.0130153	0.00354923	0.156168	-6.40337	0.0513161	0.352507	-2.83682	0.778023	0.87564	-1.14202	0.38459	0.657767	-1.5203	0.00196785	0.128034	-7.81044
cg12634840	NHP2;NHP2	0.0138841	0.0141983	0.252893	-3.95424	0.0216783	0.28576	-3.49944	0.0541814	0.370468	-2.69929	0.580157	0.775773	-1.28904	0.0135516	0.249478	-4.00838
cg18855208	NHP2;NHP2	0.0219717	0.00230867	0.630825	-1.58523	0.00981865	0.70243	-1.42363	0.0218661	0.74253	-1.34675	0.222847	0.870568	-1.14867	0.500746	0.928715	-1.07676
cg08942342	NHP2;NHP2	0.0262722	0.0240405	0.545831	-1.83207	0.0539551	0.611311	-1.63583	0.418897	0.830439	-1.20418	0.921293	0.978013	-1.02248	0.0226135	0.541128	-1.84799
cg24087312	NHP2;NHP2	0.048336	0.0201708	0.127291	-7.856	0.0848088	0.246077	-4.06377	0.120675	0.289907	-3.44938	0.310014	0.461717	-2.16583	0.0137126	0.106239	-9.4127
cg11317343	NHP2;NHP2;NHP2;NHP2	0.00611033	0.00806615	1.51495	1.51495	0.112688	0.809478	-1.23536	0.816156	0.971895	-1.02892	0.415911	1.10714	1.10714	0.402378	1.1106	1.1106
cg14106119	NHP2L1	0.000669157	0.0195869	0.661157	-1.5125	0.287761	1.17575	1.17575	0.115388	0.777948	-1.28543	0.670404	0.93913	-1.06482	0.0052192	1.71709	1.71709
cg00914473	NHP2L1	0.000870165	0.508886	0.916261	-1.09139	?	?	?	0.00738127	1.56915	1.56915	0.753573	1.04196	1.04196	0.0863975	0.78097	-1.28046
cg23597375	NHP2L1	0.00259159	0.00776592	0.373987	-2.67389	0.14462	1.56959	1.56959	0.150413	0.641792	-1.55814	0.280494	0.724154	-1.38092	5.14E-05	0.112933	-8.85483
cg15801967	NHP2L1	0.00759834	0.00688399	0.808431	-1.23696	0.534559	1.03897	1.03897	0.0394269	1.15583	1.15583	0.454336	1.04741	1.04741	0.118257	1.10859	1.10859
cg00790916	NHP2L1	0.0184741	0.0746505	0.309345	-3.23264	0.13079	0.381337	-2.62235	0.080156	0.31758	-3.14881	0.765598	0.838064	-1.19323	0.0429777	0.252552	-3.95958
cg00846968	NHP2L1;NHP2L1	8.18E-06	2.90E-05	0.245993	-4.06516	0.566338	1.10416	1.10416	0.1178	1.33688	1.33688	0.193179	1.26539	1.26539	0.0109411	0.579318	-1.72617
cg12841860	NHP2L1;NHP2L1	3.69E-05	0.000222286	0.349923	-2.85778	0.000523277	0.397135	-2.51803	0.00215819	0.479226	-2.0867	0.353834	1.17696	1.17696	5.15E-06	0.170449	-5.86685
cg05871614	NHP2L1;NHP2L1	0.0330603	0.939491	0.973931	-1.02677	0.853293	1.06653	1.06653	0.978132	1.00958	1.00958	0.93964	0.973995	-1.0267	0.851893	0.937039	-1.06719
cg26179441	NHP2L1;NHP2L1	0.0349613	0.764461	1.11204	1.11204	0.787421	1.10023	1.10023	0.0266743	2.52974	2.52974	0.859508	1.06461	1.06461	0.368386	1.38612	1.38612
cg26982390	NHS	0.00116123	0.0176082	0.378136	-2.64455	0.0288446	0.419844	-2.38183	0.00127638	0.205562	-4.8647	0.0804823	0.520566	-1.92099	0.00102961	0.194426	-5.14335
cg00765686	NHS	0.0204083	0.0921386	0.427828	-2.33739	0.0833905	0.415737	-2.40537	0.0802502	0.411187	-2.43198	0.041155	0.339951	-2.9416	0.00274734	0.15068	-6.63657
cg18898763	NHS;NHS	0.00281585	0.598969	1.12124	1.12124	0.233223	1.30936	1.30936	0.934067	1.018	1.018	0.0017363	0.381672	-2.62005	0.000316357	0.284171	-3.51901
cg11407717	NHS;NHS	0.00830551	0.94624	0.979224	-1.02122	0.00898727	0.355471	-2.81317	0.0499907	0.498623	-2.00552	0.727836	1.11491	1.11491	0.00193573	0.255216	-3.91825
cg23631070	NHS;NHS	0.0174265	0.255185	0.784428	-1.27481	0.17362	0.743868	-1.34432	0.839407	1.04234	1.04234	0.178878	0.746865	-1.33893	0.00314125	0.438151	-2.28232
cg00781047	NHS;NHS	0.0175237	0.016942	0.380155	-2.63051	0.0553514	0.486153	-2.05696	0.03235	0.435142	-2.2981	0.0289807	0.425336	-2.35108	0.00115548	0.204864	-4.88128
cg08729658	NHS;NHS	0.0300448	0.00726895	0.196142	-5.09835	0.00873178	0.207666	-4.81542	0.19765	0.526955	-1.89769	0.519481	1.35961	1.35961	0.0105902	0.220379	-4.53763
cg08136916	NHS;NHS	0.0371107	0.612219	1.26768	1.26768	0.0640516	0.380729	-2.62654	0.117013	0.453805	-2.20359	0.0154062	0.251694	-3.97309	0.00495208	0.17788	-5.62176
cg05548773	NHS;NHS	0.0452716	0.349514	1.52325	1.52325	0.325769	0.641853	-1.55799	0.0210556	0.297416	-3.36229	0.0897758	0.441625	-2.26437	0.0052564	0.200209	-4.99479
cg15444048	NHSL1	0.000239305	0.00468533	0.498529	-2.0059	0.76321	1.05755	1.05755	0.0115302	1.79512	1.79512	0.192966	0.774818	-1.29062	0.259646	0.804327	-1.24328
cg07720926	NHSL1	0.00505898	0.655876	1.1165	1.1165	0.00329018	0.373838	-2.67495	0.00402011	0.386923	-2.58449	0.514015	1.17656	1.17656	0.0706233	1.64277	1.64277
cg03217316	NHSL1	0.0116872	0.013504	0.327365	-3.05469	0.0195929	0.356992	-2.80118	0.320799	0.687537	-1.45447	0.42867	0.744462	-1.34325	0.00150031	0.188034	-5.31819
cg12333043	NHSL1	0.0177231	0.0295217	0.245275	-4.07705	0.00102921	0.0694493	-14.399	0.0338402	0.256999	-3.89106	0.392793	0.618746	-1.61617	0.016038	0.19863	-5.03448
cg27087233	NHSL1	0.0405898	0.257688	0.763452	-1.30984	0.136997	0.693481	-1.442	0.00424119	0.41701	-2.39802	0.92595	1.02147	1.02147	0.42766	0.83106	-1.20328
cg17562874	NHSL1;NHSL1	0.000921344	0.912704	0.980388	-1.02	0.000153867	0.309863	-3.22723	0.000158656	0.311476	-3.21052	0.40194	0.856466	-1.16759	0.00431947	0.502048	-1.99184
cg08859635	NHSL1;NHSL1	0.00123731	0.12977	1.19762	1.19762	6.34E-05	2.25027	2.25027	0.648217	1.05192	1.05192	0.166592	1.17646	1.17646	0.227091	1.14996	1.14996
cg01739304	NHSL1;NHSL1	0.0015216	0.458335	0.847556	-1.17986	0.000720784	0.324009	-3.08633	0.00117507	0.35244	-2.83736	0.740618	0.929822	-1.07548	0.335678	1.24289	1.24289
cg16364191	NHSL1;NHSL1	0.00368104	0.642066	0.94164	-1.06198	0.000275668	0.465319	-2.14906	0.347511	0.883153	-1.13231	0.0870285	1.27476	1.27476	0.00965761	0.656589	-1.52302
cg02350039	NHSL1;NHSL1	0.00545148	0.00267427	0.459967	-2.17407	0.348031	1.19808	1.19808	0.197724	0.775175	-1.29003	0.831691	1.04061	1.04061	0.000837851	0.39064	-2.5599
cg25781936	NHSL1;NHSL1	0.0058125	0.0167971	2.65524	2.65524	0.0129612	2.80687	2.80687	0.802605	1.08744	1.08744	0.239545	0.662218	-1.51008	0.336561	0.717782	-1.39318
cg03735592	NHSL1;NHSL1	0.00685077	0.0023173	0.265085	-3.77237	0.00358975	0.292142	-3.42299	0.0382905	0.47278	-2.11515	0.641985	0.864073	-1.15731	0.00174452	0.248419	-4.02545
cg00409658	NHSL1;NHSL1	0.0137461	0.0186567	0.444553	-2.24945	0.17319	1.50994	1.50994	0.0675517	0.558615	-1.79014	0.00684313	0.3694	-2.70709	0.0114287	0.406593	-2.45946
cg18590015	NHSL1;NHSL1	0.0288186	0.0744546	1.33341	1.33341	0.0925894	1.30731	1.30731	0.731719	1.05109	1.05109	0.600728	1.07945	1.07945	0.00595701	0.59416	-1.68305
cg21543918	NHSL1;NHSL1	0.0291308	0.630337	1.19022	1.19022	0.0418047	2.32229	2.32229	0.0831786	1.99135	1.99135	0.606426	1.20517	1.20517	0.00634229	0.279112	-3.58279
cg17585445	NHSL2	0.000694044	0.837118	1.05355	1.05355	0.0186716	0.485574	-2.05942	0.00139049	0.309113	-3.23506	0.00121331	0.301091	-3.32125	0.000272923	0.220603	-4.53302
cg06416018	NHSL2	0.00693244	0.273512	1.53036	1.53036	0.00450547	0.243246	-4.11107	0.00666593	0.26862	-3.72273	0.0135225	0.319382	-3.13105	0.00461488	0.244748	-4.08583
cg19885926	NHSL2;RGAG4	0.0273853	0.0201996	0.364041	-2.74694	0.806378	0.915222	-1.09263	0.871149	1.06031	1.06031	0.0228698	2.67047	2.67047	0.0239269	0.378322	-2.64325
cg05151505	NHSL2;RGAG4	0.0304051	0.0527206	0.269216	-3.71449	0.990677	1.00699	1.00699	0.877326	0.912063	-1.09642	0.242438	0.482403	-2.07296	0.0296709	0.21756	-4.59643
cg04777541	NHSL2;RPS26P11	0.013152	0.245704	1.51152	1.51152	0.040084	0.446101	-2.24165	0.0126224	0.348138	-2.87243	0.0245885	0.402133	-2.48674	0.00508437	0.283641	-3.52559
cg26426223	NICN1	0.0229454	0.00984467	0.655026	-1.52666	0.776325	1.03763	1.03763	0.339878	0.880238	-1.13606	0.20228	0.839804	-1.19075	0.0101051	1.52328	1.52328
cg23814743	NICN1;NICN1	5.36E-05	3.35E-06	0.48779	-2.05006	0.000118372	0.64339	-1.55427	0.249571	0.924247	-1.08196	0.000144855	0.651567	-1.53476	0.435536	0.949253	-1.05346
cg23028178	NID1	0.000333331	0.003596	0.506402	-1.97472	0.0112785	1.72942	1.72942	0.440364	0.873009	-1.14546	0.431058	1.14879	1.14879	5.55E-05	0.274102	-3.64828
cg13081489	NID1	0.000342632	0.00178647	0.4805	-2.08117	0.00199339	0.48694	-2.05364	0.101704	0.744239	-1.34365	0.841974	1.03346	1.03346	0.000256366	0.370654	-2.69793
cg01789743	NID1	0.000351322	0.00210534	0.20298	-4.9266	0.00465034	4.00668	4.00668	0.2894	0.666658	-1.50002	0.462407	0.758938	-1.31763	0.000681107	0.147481	-6.78053
cg07578215	NID1	0.000352881	0.940847	1.01037	1.01037	0.82262	0.969283	-1.03169	0.0652129	1.33326	1.33326	0.8734	0.978087	-1.0224	0.0642686	0.749098	-1.33494
cg22129571	NID1	0.000353636	0.84952	0.97302	-1.02773	0.0312703	0.694989	-1.43887	0.0973948	1.29943	1.29943	0.00696697	1.65308	1.65308	2.76E-05	0.304339	-3.28581
cg07157830	NID1	0.00112286	0.000650106	0.591963	-1.68929	0.00644115	0.700966	-1.4266	0.38986	0.915435	-1.09238	0.00510712	0.690022	-1.44923	0.000741246	0.598279	-1.67146
cg06094815	NID1	0.00395319	0.240437	0.771633	-1.29595	0.903086	0.974633	-1.02603	0.211084	0.75735	-1.32039	0.630718	0.902879	-1.10757	0.00222515	0.405053	-2.46881
cg04837025	NID1	0.00716843	0.00690446	0.439495	-2.27534	0.00898532	0.4579	-2.18388	0.00714608	2.26309	2.26309	0.310449	0.781336	-1.27986	0.108686	0.662742	-1.50888
cg09327855	NID1	0.00752661	0.117377	0.602622	-1.65941	0.362526	1.3214	1.3214	0.646873	0.871662	-1.14723	0.014579	0.408258	-2.44943	0.000242688	0.164117	-6.09322
cg24495667	NID1	0.00958786	0.0610865	0.445544	-2.24445	0.261868	0.638813	-1.5654	0.0786182	0.473206	-2.11324	0.05117	0.427153	-2.34108	0.000409245	0.116483	-8.58496
cg05946640	NID1	0.0297082	0.359513	0.866059	-1.15466	0.880839	1.02316	1.02316	0.693655	1.06229	1.06229	0.795892	0.961206	-1.04036	0.0285619	0.674127	-1.4834
cg15712677	NID1	0.031655	0.00913283	1.4969	1.4969	0.15727	0.831736	-1.2023	0.125029	0.816873	-1.22418	0.245459	1.15949	1.15949	0.00981492	1.48832	1.48832
cg22881914	NID2	2.03E-06	0.270243	0.851816	-1.17396	0.484022	1.10447	1.10447	0.842655	1.02816	1.02816	0.104123	0.780173	-1.28177	0.567122	1.08417	1.08417
cg16695483	NID2	7.08E-06	0.0018096	0.492632	-2.02991	0.0662753	0.71981	-1.38926	0.0594502	0.712085	-1.40433	0.877006	0.975585	-1.02503	0.445931	0.883377	-1.13202
cg00766845	NID2	2.29E-05	0.422513	1.07812	1.07812	0.571143	0.948808	-1.05395	0.824791	1.02057	1.02057	0.311201	0.908287	-1.10097	0.492172	0.937961	-1.06614
cg16066272	NID2	4.53E-05	0.233192	0.900479	-1.11052	0.018242	1.27165	1.27165	0.114318	1.15493	1.15493	0.355685	1.08293	1.08293	0.787569	1.02291	1.02291
cg06782686	NID2	0.00144139	0.0577939	0.685527	-1.45873	0.61617	1.09304	1.09304	0.793157	1.04734	1.04734	0.495447	0.885297	-1.12956	0.734649	0.941876	-1.06171
cg26923084	NID2	0.00450049	0.744499	1.08117	1.08117	0.583298	0.876153	-1.14135	0.0234439	0.524092	-1.90806	0.391358	0.810917	-1.23317	0.00454972	0.405786	-2.46435
cg10149976	NID2	0.0115506	0.288438	1.20555	1.20555	0.411255	0.867168	-1.15318	0.0384563	1.50198	1.50198	0.107129	1.34762	1.34762	0.698945	1.06814	1.06814
cg01781974	NID2	0.0177582	0.507961	1.19853	1.19853	0.898639	0.966221	-1.03496	0.881131	1.04117	1.04117	0.267508	0.732376	-1.36542	0.812117	0.937811	-1.06631
cg25685519	NID2	0.0219823	0.356314	0.721496	-1.38601	0.00451053	0.271896	-3.67788	0.00763841	0.307295	-3.2542	0.159284	0.595995	-1.67787	0.484846	0.783311	-1.27663
cg20550154	NID2	0.0295897	0.215491	0.649514	-1.53961	0.0106082	0.345155	-2.89725	0.00206709	0.237881	-4.20378	0.896182	0.957707	-1.04416	0.453847	1.28732	1.28732
cg25277187	NID2	0.0299735	0.211234	0.760675	-1.31462	0.132029	0.713475	-1.40159	0.00302962	2.32524	2.32524	0.303663	0.801508	-1.24765	0.347952	0.818162	-1.22225
cg18905461	NID2	0.0310892	0.303845	1.53438	1.53438	0.245066	0.613347	-1.6304	0.492848	0.755785	-1.32313	0.54336	0.780904	-1.28057	0.393973	0.703968	-1.42052
cg04701034	NID2	0.0325032	0.759556	1.20502	1.20502	0.81752	1.15074	1.15074	0.910729	0.934135	-1.07051	0.563424	1.42597	1.42597	0.130727	2.69502	2.69502
cg13592399	NID2;NID2	0.0395717	0.144527	2.57152	2.57152	0.742459	0.819786	-1.21983	0.187692	0.431119	-2.31955	0.00144812	0.0624433	-16.0145	0.162058	0.406711	-2.45875
cg26976450	NIF3L1;NIF3L1;NIF3L1;NIF3L1	0.00248925	0.892547	0.972778	-1.02798	0.000965164	0.366614	-2.72767	0.214706	0.765887	-1.30568	0.941472	1.01511	1.01511	0.00162483	2.5148	2.5148
cg09917123	NIF3L1;NIF3L1;NIF3L1;NIF3L1	0.00412738	0.996478	1.00102	1.00102	0.0270817	1.83089	1.83089	0.479808	0.847027	-1.1806	0.00808612	2.19005	2.19005	0.0965827	0.655972	-1.52445
cg05519080	NIF3L1;NIF3L1;NIF3L1;NIF3L1	0.00449419	0.0200852	0.813008	-1.23	0.788891	0.980387	-1.02001	0.0127064	0.795668	-1.25681	0.00510719	0.761009	-1.31404	0.115829	0.881474	-1.13446
cg10762533	NIF3L1;NIF3L1;NIF3L1;NIF3L1	0.00678532	0.985053	1.0023	1.0023	0.160424	0.832253	-1.20156	0.354892	1.1236	1.1236	0.00793349	0.659106	-1.51721	0.016072	0.697147	-1.43442
cg02072778	NIF3L1;NIF3L1;NIF3L1;NIF3L1	0.0109876	?	?	?	0.446041	0.772247	-1.29492	0.00352986	0.251762	-3.972	0.809844	0.923117	-1.08329	0.0506229	0.47034	-2.12612
cg04637597	NIF3L1;PPIL3;PPIL3;NIF3L1;NIF3L1;NIF3 L1;PPIL3	0.00151967	0.121619	1.41948	1.41948	0.155486	0.728145	-1.37335	0.013207	1.89877	1.89877	0.717309	1.07885	1.07885	0.18278	0.744456	-1.34326
cg14034170	NIF3L1;PPIL3;PPIL3;PPIL3;NIF3L1;NIF3L1	0.000390404	0.812001	0.914731	-1.09322	0.0126402	3.18871	3.18871	?	?	?	1.81E-05	0.0378535	-26.4176	?	?	?
cg11229815	NIF3L1;PPIL3;PPIL3;PPIL3;NIF3L1;NIF3L1	0.00486431	0.0142715	0.471673	-2.12011	0.299377	1.30662	1.30662	0.0151293	2.10051	2.10051	0.194666	0.710962	-1.40655	0.442094	0.822922	-1.21518
cg23598054	NIF3L1;PPIL3;PPIL3;PPIL3;NIF3L1;NIF3L1 ;NIF3L1	0.0388409	0.721208	0.972214	-1.02858	0.706301	0.970667	-1.03022	0.0972128	0.86663	-1.1539	0.0768151	0.85662	-1.16738	0.00470682	1.34364	1.34364
cg08572565	NIN;NIN;NIN	0.00777582	0.00271084	0.0868233	-11.5176	0.12725	2.64599	2.64599	0.91264	0.937302	-1.06689	0.503494	0.669942	-1.49267	0.00063377	0.0451762	-22.1355
cg15484244	NIN;NIN;NIN	0.00900825	0.00989204	0.745478	-1.34142	0.700342	0.965749	-1.03547	0.160837	1.14452	1.14452	0.399624	1.08081	1.08081	0.0644995	1.20583	1.20583
cg18459806	NIN;NIN;NIN	0.00962764	0.0288095	0.408378	-2.44871	0.000929652	0.179573	-5.56877	0.576338	1.21663	1.21663	0.175423	1.6496	1.6496	0.0524029	0.464738	-2.15175
cg20969923	NIN;NIN;NIN	0.0121558	0.0639538	0.414135	-2.41467	0.0966777	0.462029	-2.16437	0.186791	0.552947	-1.80849	0.133916	0.504388	-1.9826	0.0178588	0.295528	-3.38377
cg10083996	NIN;NIN;NIN	0.0152853	0.421675	0.817106	-1.22383	0.914251	0.973843	-1.02686	0.0228043	1.95516	1.95516	0.0154364	2.07782	2.07782	0.067818	0.604485	-1.6543
cg11087049	NIN;NIN;NIN	0.0176445	0.0247905	0.267998	-3.73138	0.971213	0.982375	-1.01794	0.60728	1.29106	1.29106	0.228465	0.536405	-1.86426	0.00410053	0.149918	-6.67032
cg01708014	NIN;NIN;NIN	0.0256205	0.0131362	0.259195	-3.85809	0.649686	0.818114	-1.22232	0.113722	0.469758	-2.12875	0.635224	0.810741	-1.23344	0.00317271	0.170426	-5.86766
cg12812165	NIN;NIN;NIN	0.0270391	0.0205089	0.272724	-3.66671	0.363848	0.64769	-1.54395	0.545022	1.32991	1.32991	0.176047	0.511926	-1.95341	0.0193143	0.267951	-3.73202
cg11190278	NIN;NIN;NIN;NIN	0.0351061	0.0377732	0.268554	-3.72364	0.00338252	0.113642	-8.79959	0.191862	0.470524	-2.12529	0.502988	0.690091	-1.44908	0.032501	0.255184	-3.91874
cg02324789	NIN;NIN;NIN;NIN	0.0450229	0.128966	0.49075	-2.0377	0.0080645	4.35941	4.35941	0.534449	1.31386	1.31386	0.752264	0.871628	-1.14728	0.037159	0.350036	-2.85685
cg16449219	NIN;NIN;NIN;NIN;NIN	0.0197561	0.0178866	0.314122	-3.18347	0.534709	0.776493	-1.28784	0.178161	0.562355	-1.77824	0.110143	0.496305	-2.01489	0.0247521	0.341123	-2.93149
cg03854262	NINJ1	0.00974488	0.0569864	0.708197	-1.41204	0.0700741	1.38324	1.38324	0.0213908	1.55726	1.55726	0.166818	0.789686	-1.26633	0.138518	0.774554	-1.29106
cg13585029	NINJ1	0.0386145	0.682928	1.09517	1.09517	0.508429	1.1601	1.1601	0.382172	0.820044	-1.21945	0.706153	1.08746	1.08746	0.282685	1.28032	1.28032

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18626035	0.198992	0.417843	-2.39324	0.0111589	0.129363	-7.73017	0.00455257	0.0880671	-11.355	0.0704505	0.272534	-3.66927	3.62383	23.7267	5.81992	1
cg21356535	0.0604683	0.556622	-1.79655	0.626853	1.14521	1.14521	0.597035	0.862731	-1.15911	0.888059	0.961772	-1.03975	7.57327	9.18644	1.07823	1
cg10232138	0.0029473	2.40614	2.40614	0.12588	1.42787	1.42787	0.0288816	0.574575	-1.74042	0.34796	0.812348	-1.231	7.11916	5.2152	0.651163	1
cg01300341	0.233713	1.12504	1.12504	0.00588523	0.711688	-1.40511	0.228009	0.88744	-1.12684	0.243944	0.891323	-1.12193	6.60952	0.9323	0.125381	1
cg05485241	0.207314	0.819934	-1.21961	0.0476696	0.713111	-1.40231	0.224979	1.20958	1.20958	0.0379173	1.43239	1.43239	4.38318	1.54739	0.313804	1
cg05786341	0.473023	0.707244	-1.41394	0.137467	0.468049	-2.13653	0.099423	0.424382	-2.35637	0.131551	0.461809	-2.1654	3.46547	12.3625	3.17098	1
cg00762605	0.208311	0.611526	-1.63525	0.00285037	0.21819	-4.58315	0.624599	1.20063	1.20063	0.0488715	0.434358	-2.30225	5.11292	11.1302	1.93501	1
cg26152051	0.118454	0.608402	-1.64365	0.728105	1.10774	1.10774	0.507911	1.21765	1.21765	0.105539	0.595467	-1.67935	4.53937	6.17925	1.21001	1
cg06952862	0.393554	0.606322	-1.64929	0.0131503	0.162762	-6.14393	0.0380159	0.245508	-4.07318	0.00166057	0.0656587	-15.2303	4.70341	23.7263	3.9235	1
cg02537221	0.964284	1.01408	1.01408	0.446295	1.27439	1.27439	0.0207239	2.38648	2.38648	0.983197	1.0066	1.0066	6.34918	9.80961	1.37335	1
cg08053523	0.517871	1.25436	1.25436	0.00106561	0.18786	-5.32312	0.148217	1.70944	1.70944	0.249555	0.659677	-1.51589	7.29207	13.8015	1.68238	1
cg22321511	0.0171877	0.519566	-1.92468	0.0229008	0.541265	-1.84752	0.38762	0.818978	-1.22103	0.0781647	0.643177	-1.55478	5.57288	4.48875	0.715967	1
cg01877084	0.067694	0.431431	-2.31787	0.0229362	0.32707	-3.05745	0.0946612	0.470259	-2.12649	0.158478	0.538397	-1.85737	4.31192	11.5204	2.3749	1
cg10230848	0.00911548	0.521887	-1.91612	6.11E-07	0.0679643	-14.7136	0.0201454	0.576842	-1.73358	0.504812	0.875598	-1.14208	29.1606	17.7964	0.542479	1
cg22427279	0.000915914	0.350109	-2.85625	1.25E-07	0.0284772	-35.1158	0.147673	0.719628	-1.38961	0.102598	0.685009	-1.45983	50.1776	35.653	0.631587	1
cg21863110	0.715171	1.19363	1.19363	0.753595	0.858917	-1.16426	0.00182928	8.48705	8.48705	0.139023	2.15773	2.15773	8.66104	31.9951	3.28369	1
cg11071926	0.0644575	0.390987	-2.55763	0.0757121	0.409126	-2.44423	0.131133	2.08939	2.08939	0.0128006	4.04644	4.04644	6.22154	20.1384	2.87722	1
cg25341338	0.318007	0.721135	-1.3867	0.620379	0.853719	-1.17135	0.336222	1.369	1.369	0.048549	2.04164	2.04164	5.65531	8.98645	1.41247	1
cg00960552	0.588463	0.686922	-1.45577	0.785227	0.828794	-1.20657	0.00365713	14.9103	14.9103	0.0112391	8.87661	8.87661	4.60662	34.479	6.65303	1
cg14733680	0.590117	0.653469	-1.5303	0.0239214	8.23305	8.23305	0.0119726	11.6218	11.6218	0.0140837	10.7087	10.7087	4.46775	43.3124	8.6173	1
cg24999518	0.279272	0.396224	-2.52383	0.472382	0.547957	-1.82496	0.0277116	8.51441	8.51441	0.028496	8.39298	8.39298	4.01141	43.0322	9.5355	1
cg00065905	0.588993	0.570951	-1.75146	0.496755	0.492165	-2.03184	0.0149103	21.6759	21.6759	0.0171508	19.7761	19.7761	3.66156	61.2171	14.8612	1
cg18438853	0.591478	0.622584	-1.60621	0.922219	0.918124	-1.08918	0.0124772	15.1638	15.1638	0.0339783	8.71397	8.71397	3.65273	44.2587	10.7703	1
cg23202177	0.722014	0.853101	-1.17219	0.00108605	0.117111	-8.53894	0.048827	2.71992	2.71992	0.474826	1.38158	1.38158	5.92823	18.5717	2.78467	1
cg17873750	0.675269	0.849737	-1.17684	0.000973036	0.150077	-6.66326	0.0439401	2.4468	2.4468	0.0701458	2.18678	2.18678	4.78823	11.3265	2.10265	1
cg02030187	0.0630862	0.318982	-3.13498	0.00126477	0.076418	-13.0859	0.996987	0.997938	-1.00207	0.414842	0.634102	-1.57703	3.83951	18.1645	4.2053	1
cg18232313	0.831901	1.09873	1.09873	9.39E-05	0.0457575	-21.8543	0.000287293	0.0726635	-13.7621	0.815946	0.901872	-1.1088	13.1223	40.7799	2.76238	1
cg06646708	0.723547	1.1847	1.1847	0.000853459	0.091514	-10.9273	0.000524863	0.075841	-13.1855	0.763444	1.15494	1.15494	8.86673	31.9833	3.20632	1
cg18068140	0.130484	2.03535	2.03535	0.00347859	0.17806	-5.6161	0.00318892	0.173383	-5.76759	0.141145	1.99108	1.99108	6.98639	20.9522	2.66578	1
cg22736354	0.477051	1.39983	1.39983	0.213876	1.83834	1.83834	0.00524778	5.5444	5.5444	0.0145082	4.05942	4.05942	5.55308	19.0348	3.04693	1
cg25419628	0.675631	0.838342	-1.19283	0.022516	3.24587	3.24587	0.00186707	7.07981	7.07981	?	?	?	7.19006	17.3671	2.11351	1
cg23404562	0.891809	1.03927	1.03927	0.405085	0.785735	-1.27269	0.519994	1.20275	1.20275	0.347426	1.31503	1.31503	5.76577	7.31723	1.12807	1
cg07568716	0.127484	1.70122	1.70122	0.00474764	0.298482	-3.35029	0.597077	1.18767	1.18767	0.350533	1.36315	1.36315	3.78991	5.54607	1.46338	1
cg23717290	?	?	?	?	?	?	?	?	?	0.121529	1.87965	1.87965	21.9847	6.06499	0.183915	1
cg14640736	?	?	?	0.0019122	0.182284	-5.48594	0.642301	0.842631	-1.18676	0.983397	1.00764	1.00764	6.62104	12.2005	1.61235	1
cg17350349	0.693318	0.948883	-1.05387	0.176962	0.826969	-1.20923	0.948238	1.00863	1.00863	0.125225	0.802769	-1.24569	10.7075	2.97198	0.24672	1
cg18817831	7.70E-05	0.19186	-5.21214	0.000715364	0.304956	-3.27916	0.339834	0.797092	-1.25456	0.200366	0.732109	-1.36592	18.17	15.2939	0.748192	1
cg27369242	0.00325506	0.332612	-3.0065	0.565136	0.852539	-1.17297	0.58476	0.859511	-1.16345	0.0167427	0.44882	-2.22806	5.38682	6.4216	1.05964	1
cg02129266	0.81306	0.946273	-1.05678	0.0429303	1.72132	1.72132	0.513106	0.856744	-1.16721	0.386323	0.813004	-1.23001	7.66258	6.59482	0.765025	1
cg00273124	0.0295387	1.34799	1.34799	3.00E-05	0.386153	-2.58965	8.28E-05	0.437788	-2.28421	1.78E-06	0.249336	-4.01065	70.3963	15.1406	0.19118	1
cg24546426	2.46E-05	0.29984	-3.33511	3.65E-06	0.210918	-4.74117	6.62E-05	0.349865	-2.85824	0.000300715	0.430058	-2.32527	58.7534	19.1713	0.290046	1
cg05654329	0.555468	0.876486	-1.14092	3.87E-05	0.175028	-5.71337	5.83E-05	0.192733	-5.18852	5.19E-05	0.187644	-5.32925	44.7441	34.633	0.688022	1
cg08525345	0.351961	0.892904	-1.11994	0.809583	1.02896	1.02896	0.00326124	0.622305	-1.60693	0.0915668	0.802758	-1.24571	14.7218	3.26071	0.196879	1
cg07869651	0.247846	0.566822	-1.76422	0.0354685	0.316472	-3.15984	0.00516105	0.176338	-5.67093	0.0548542	0.359433	-2.78216	5.42806	18.9826	3.10855	1
cg12634840	0.0330136	0.322098	-3.10465	0.00148575	0.124603	-8.02548	0.0119599	0.240511	-4.15781	0.121337	0.466145	-2.14525	5.31438	17.3802	2.90704	1
cg18855208	0.992986	0.999049	-1.00095	0.0185706	0.734283	-1.36187	0.0320638	0.762049	-1.31225	0.325041	0.895862	-1.11624	4.55595	0.844897	0.164844	1
cg08942342	0.215914	0.746047	-1.3404	0.00862194	0.470736	-2.12433	0.00278934	0.39566	-2.52742	0.522044	0.864187	-1.15716	4.28246	3.43217	0.712398	1
cg24087312	0.104709	0.271307	-3.68586	0.00997536	0.0912968	-10.9533	0.0376885	0.169756	-5.89082	0.0783082	0.237205	-4.21576	3.4319	29.4152	7.61875	1
cg11317343	0.288821	0.873904	-1.14429	0.00273914	0.602826	-1.65885	0.459821	1.0965	1.0965	0.00231167	1.68383	1.68383	6.90022	1.6375	0.210944	1
cg14106119	0.0886712	0.759194	-1.31719	1.80E-05	0.276709	-3.61391	0.0864094	0.757391	-1.32032	0.330865	0.863136	-1.15857	13.1762	4.49075	0.302955	1
cg00914473	0.230165	0.848489	-1.17857	3.87E-05	0.35734	-2.79846	0.103465	1.26163	1.26163	0.115318	1.25036	1.25036	12.5307	3.0045	0.239771	1
cg23597375	0.482222	0.814244	-1.22813	0.621318	0.866528	-1.15403	0.50613	1.21421	1.21421	0.800105	1.07573	1.07573	8.93682	11.7161	1.16533	1
cg15801967	0.0503779	0.87322	-1.14519	0.44059	1.04896	1.04896	0.00232736	1.29491	1.29491	0.0290242	1.16932	1.16932	6.44763	0.377264	0.0520107	1
cg00790916	0.0265818	0.211605	-4.72579	0.000897932	0.0530292	-18.8575	0.0853284	0.325013	-3.0768	0.0123974	0.158954	-6.29114	4.83264	26.7208	4.91487	1
cg00846968	5.67E-07	0.0940301	-10.6349	2.59E-05	0.240679	-4.15491	0.522813	0.895201	-1.11707	3.47E-05	0.254551	-3.92849	42.7413	19.7796	0.411357	1
cg12841860	6.46E-06	0.17962	-5.5673	0.0225959	0.627287	-1.59417	0.0690885	0.706514	-1.4154	0.000681773	0.4121	-2.4266	28.8467	13.328	0.410691	1
cg05871614	0.00274035	0.237284	-4.21436	0.00646714	0.291747	-3.42762	0.354365	1.39308	1.39308	0.0827375	0.51246	-1.95137	3.94746	7.56838	1.70425	1
cg26179441	0.115729	1.82986	1.82986	0.00228172	4.51629	4.51629	0.275953	0.66998	-1.49258	0.0280232	2.50229	2.50229	3.86868	7.65226	1.75823	1
cg26982390	0.946408	0.977618	-1.02289	0.00258888	0.245145	-4.07922	0.000175694	0.117344	-8.52197	0.00153954	0.215612	-4.63797	11.2769	20.2516	1.5963	1
cg00765686	0.248788	1.73688	1.73688	0.149246	0.492504	-2.03044	0.19058	0.530063	-1.88657	0.0053155	0.185985	-5.37677	4.67234	15.5203	2.95265	1
cg18898763	0.322112	1.24678	1.24678	0.0101514	2.01212	2.01212	0.844961	0.95866	-1.04312	0.953958	0.987626	-1.01253	8.72039	6.4224	0.65465	1
cg11407717	0.0611397	1.92893	1.92893	0.0152303	2.52931	2.52931	0.797835	1.0832	1.0832	0.838547	0.938457	-1.06558	6.26967	9.62531	1.36464	1
cg23631070	0.0243312	1.73075	1.73075	0.0183848	1.79442	1.79442	0.883515	1.03042	1.03042	0.405175	0.840236	-1.19014	4.92842	3.26068	0.588096	1
cg00781047	0.482085	0.788788	-1.26777	0.657652	1.15963	1.15963	0.062187	0.497979	-2.00812	0.0658298	0.503871	-1.98464	4.91924	8.59118	1.5524	1
cg08729658	0.0374144	0.321025	-3.11502	0.377569	0.653151	-1.53104	0.104908	0.434449	-2.30177	0.673798	0.819404	-1.2204	4.08467	14.3181	3.11585	1
cg08136916	0.428968	1.4545	1.4545	0.253403	1.73927	1.73927	0.496516	0.725896	-1.37761	0.835788	1.1011	1.1011	3.78574	12.9088	3.03098	1
cg05548773	0.36115	1.50715	1.50715	0.239362	1.71333	1.71333	0.791796	0.890818	-1.12256	0.896331	0.944625	-1.05862	3.51759	10.639	2.68846	1
cg15444048	0.596715	1.10394	1.10394	4.50E-06	0.141864	-7.04898	0.788082	1.05116	1.05116	0.0260936	0.613318	-1.63048	17.4971	9.50231	0.482737	1
cg07720926	0.128004	1.49821	1.49821	0.0150336	2.08407	2.08407	0.022448	0.51076	-1.95787	0.203611	0.71915	-1.39053	7.31236	6.99098	0.849822	1
cg03217316	0.647305	0.845156	-1.18321	0.178721	0.593479	-1.68498	0.0502975	2.25904	2.25904	0.0216168	0.365175	-2.73841	5.62141	11.8752	1.87778	1
cg12333043	0.0494975	0.292562	-3.41808	0.0182621	0.207832	-4.81157	0.112468	0.387686	-2.57941	0.407816	0.628578	-1.59089	4.90059	23.3393	4.23338	1
cg27087233	0.236264	0.753075	-1.32789	0.811179	1.05621	1.05621	0.583148	1.13502	1.13502	0.00473572	0.424304	-2.3568	3.66332	3.02948	0.735092	1
cg17562874	0.221198	0.792733	-1.26146	0.000671625	0.39077	-2.55905	0.415724	0.860496	-1.16212	0.230644	0.796817	-1.25499	12.0427	6.22209	0.459262	1
cg08859635	0.00264348	0.6323	-1.58153	0.0130519	1.40399	1.40399	0.275085	0.882393	-1.13328	0.592963	0.94228	-1.06126	11.0745	2.12946	0.17092	1
cg01739304	0.214513	1.33138	1.33138	0.00102454	2.90398	2.90398	0.541546	0.873404	-1.14495	0.0439227	0.6022	-1.66058	10.4365	7.92956	0.675368	1
cg16364191	0.482256	1.09608	1.09608	0.0261441	1.40352	1.40352	0.871478	1.02102	1.02102	0.0333884	0.726616	-1.37624	8.0512	2.10421	0.232314	1
cg02350039	0.014684	0.570146	-1.75394	0.0125228	0.559338	-1.78783	0.212111	1.2787	1.2787	0.155234	0.752396	-1.32909	7.14697	3.96026	0.492549	1
cg25781936	0.94183	0.975873	-1.02472	0.00263752	0.248388	-4.02596	0.00315777	3.85703	3.85703	0.8018	1.08782	1.08782	7.00744	12.4294	1.57666	1
cg03735592	0.576813	0.838691	-1.19233	0.00938062	0.357782	-2.795	0.918072	1.03263	1.03263	0.0315671	0.455373	-2.196	6.65968	10.2694	1.37069	1
cg00409658	0.0382449	0.505202	-1.97941	0.131493	0.629441	-1.58871	0.0890296	1.70443	1.70443	0.130756	0.628796	-1.59034	5.33184	6.82614	1.13801	1
cg18590015	0.0478166	0.720643	-1.38765	0.541815	1.09353	1.09353	0.0496815	1.38288	1.38288	0.53656	0.913376	-1.09484	4.14542	1.37623	0.295101	1
cg21543918	0.0615779	0.469462	-2.1301	0.653541	1.17615	1.17615	0.167501	0.589577	-1.69613	0.155928	1.72486	1.72486	4.12965	8.43458	1.81551	1
cg17585445	0.0205545	2.02795	2.02795	0.664554	1.1169	1.1169	0.0523422	1.74923	1.74923	0.0054938	0.396503	-2.52205	13.0421	13.2641	0.90402	1
cg06416018	0.110112	1.916	1.916	0.203571	1.65053	1.65053	0.37935	0.714088	-1.40039	0.803244	0.910997	-1.0977	6.63515	14.6518	1.96286	1
cg19885926	0.0974136	0.518842	-1.92737	0.0338497	0.409116	-2.4443	0.837268	0.928494	-1.07701	0.183956	1.66277	1.66277	4.22061	8.69921	1.83211	1
cg05151505	0.78165	0.847413	-1.18006	0.00215306	0.0767394	-13.0311	0.0118854	0.153965	-6.49497	0.109219	0.353188	-2.83135	4.0674	22.8738	4.99885	1
cg04777541	0.180512	1.62232	1.62232	0.0592397	2.06403	2.06403	0.68557	0.870665	-1.14855	0.416291	0.753757	-1.32669	5.40956	9.91915	1.6299	1
cg26426223	0.525007	0.919859	-1.08712	0.0108799	0.660586	-1.51381	0.80934	1.03184	1.03184	0.409324	1.11564	1.11564	4.48853	1.19556	0.236763	1
cg23814743	0.32665	0.935856	-1.06854	0.00817019	1.24806	1.24806	0.0913063	1.12946	1.12946	0.760263	0.980164	-1.02024	26.138	1.77409	0.0603324	1
cg23028178	0.102761	1.36084	1.36084	0.818244	1.04053	1.04053	0.000688105	2.44615	2.44615	0.0135504	0.590173	-1.69442	15.982	7.54008	0.419366	1
cg13081489	0.00375329	0.52464	-1.90607	0.47972	1.12575	1.12575	0.0813798	1.37506	1.37506	4.82E-05	0.283399	-3.5286	15.8617	6.82845	0.382667	1
cg01789743	9.94E-05	0.0783323	-12.7661	0.611386	0.82784	-1.20796	0.542387	0.796617	-1.25531	0.000264162	0.109719	-9.11423	15.7529	33.9201	1.91401	1
cg07578215	1.04E-05	0.26986	-3.70562	0.00149479	1.88925	1.88925	0.319363	0.866766	-1.15371	0.0777053	0.761521	-1.31316	15.7338	4.81106	0.271804	1
cg22129571	0.691035	0.944099	-1.05921	0.00205171	1.8691	1.8691	0.0107363	1.58665	1.58665	0.515798	1.09953	1.09953	15.7245	5.16366	0.291896	1
cg07157830	0.00271284	0.660143	-1.51482	0.126226	0.847136	-1.18045	0.0172384	0.747553	-1.3377	0.0119862	1.36931	1.36931	11.3854	1.81311	0.141554	1
cg06094815	0.000343241	0.296481	-3.3729	0.00914695	2.01034	2.01034	0.623915	0.901011	-1.10986	0.667689	0.912923	-1.09538	7.8804	5.55306	0.626372	1
cg04837025	0.00725554	0.442926	-2.25771	0.508466	1.17083	1.17083	0.878492	0.96467	-1.03662	0.248786	1.32768	1.32768	6.56622	5.74861	0.778206	1
cg09327855	0.0102495	0.3815	-2.62123	0.234224	0.689816	-1.44966	0.780489	0.920174	-1.08675	0.121644	0.606721	-1.6482	6.46683	9.08197	1.24835	1
cg24495667	0.0115061	0.297975	-3.35598	0.0365981	0.39441	-2.53543	0.557534	0.796759	-1.25509	0.0074297	0.266956	-3.74593	5.99059	13.9202	2.0655	1
cg05946640	0.336116	1.16345	1.16345	0.138544	1.27558	1.27558	0.0258846	0.667818	-1.49741	0.00342368	0.544981	-1.83493	4.10103	1.51326	0.327996	1
cg15712677	0.152805	1.20505	1.20505	0.121304	1.22706	1.22706	0.783525	1.03412	1.03412	0.589011	0.935715	-1.0687	4.00939	0.942253	0.208899	1
cg22881914	0.112093	0.785283	-1.27343	0.706746	1.05422	1.05422	0.947677	0.990873	-1.00921	1.59E-08	21.1708	21.1708	61.2217	18.926	0.27479	1
cg16695483	0.00167706	2.04828	2.04828	0.00148681	0.481245	-2.07794	0.43039	1.13707	1.13707	1.49E-07	13.7659	13.7659	44.3717	17.9009	0.358605	1
cg00766845	0.580936	0.950099	-1.05252	0.056094	1.21975	1.21975	0.0617303	1.2131	1.2131	1.84E-07	4.34078	4.34078	32.7065	4.36634	0.118667	1
cg16066272	0.0896193	0.85476	-1.16992	0.00332835	0.715222	-1.39817	0.812315	1.02015	1.02015	6.68E-07	3.11286	3.11286	27.3282	3.04394	0.0990084	1
cg06782686	0.0688338	0.698776	-1.43107	0.642505	1.08576	1.08576	0.309247	0.830923	-1.20348	2.48E-05	4.37422	4.37422	10.6004	5.20134	0.436153	1
cg26923084	0.438545	0.828145	-1.20752	0.000295151	0.244896	-4.08336	0.134602	1.4696	1.4696	0.094062	1.55168	1.55168	7.57747	6.83518	0.801813	1
cg10149976	0.372314	1.16809	1.16809	0.171969	0.781425	-1.27971	0.708973	0.938383	-1.06566	0.000311437	2.69669	2.69669	5.64284	2.5715	0.405076	1
cg01781974	0.0645022	0.571213	-1.75066	0.904263	1.03298	1.03298	0.780283	0.927369	-1.07832	0.000414994	4.52817	4.52817	4.89733	5.63931	1.02356	1
cg25685519	0.9445	1.02424	1.02424	0.0732668	0.502967	-1.9882	0.628099	0.8454	-1.18287	0.0301332	2.40454	2.40454	4.5552	8.5402	1.66651	1
cg20550154	0.658777	1.15848	1.15848	0.08955	0.538163	-1.85817	0.898835	1.043	1.043	0.102451	0.553477	-1.80676	4.10685	7.1267	1.54251	1
cg25277187	0.0419169	1.62731	1.62731	0.195919	0.752741	-1.32848	0.678998	0.917203	-1.09027	0.438778	1.17823	1.17823	4.08812	2.7927	0.607223	1
cg18905461	0.00464085	4.54425	4.54425	0.615521	1.22577	1.22577	0.217698	1.68427	1.68427	0.00594299	4.24704	4.24704	4.03529	10.3292	2.27529	1
cg04701034	0.305513	0.524892	-1.90516	0.110108	2.88034	2.88034	0.213681	0.451382	-2.21542	0.00100671	19.3987	19.3987	3.97162	23.2141	5.19554	1
cg13592399	0.932249	1.05258	1.05258	?	?	?	0.623311	0.742058	-1.3476	0.63837	0.751813	-1.33012	3.75602	19.2026	5.11248	1
cg26976450	0.82884	1.0452	1.0452	0.003161	2.27858	2.27858	0.174394	1.34317	1.34317	0.0639692	0.653672	-1.52982	9.0435	5.97263	0.587052	1
cg09917123	0.235189	0.75009	-1.33317	0.835288	0.953018	-1.0493	0.000345412	3.78446	3.78446	0.0705401	0.626802	-1.5954	7.77858	6.58104	0.752041	1
cg05519080	0.690024	1.03003	1.03003	0.00108001	1.42795	1.42795	0.14475	0.890822	-1.12256	0.127258	0.88539	-1.12945	7.58069	0.654091	0.0766968	1
cg10762533	0.424624	1.105	1.105	0.000680924	0.529577	-1.8883	0.0369706	0.743302	-1.34535	0.0128754	0.685119	-1.4596	6.67961	1.58627	0.211092	1
cg02072778	0.0103407	0.328786	-3.04149	0.00172077	0.207239	-4.82535	0.556285	0.820561	-1.21868	0.0141136	0.35363	-2.82782	6.61686	10.0369	1.32725	1
cg04637597	0.8559	0.962767	-1.03867	3.84E-05	0.192538	-5.19378	0.943937	1.01479	1.01479	0.231105	1.29979	1.29979	10.4403	7.20439	0.613381	1
cg14034170	0.149607	1.78227	1.78227	0.0707074	0.469805	-2.12854	0.260886	1.55055	1.55055	0.153985	1.76983	1.76983	16.1548	27.8431	1.96974	1
cg11229815	0.000482772	0.256373	-3.90057	0.0169582	0.484769	-2.06284	0.153274	0.683688	-1.46266	0.122037	0.65919	-1.51701	7.40044	7.24702	0.870461	1
cg23598054	0.390035	0.933076	-1.07172	0.336559	1.08104	1.08104	0.0473611	1.19533	1.19533	0.829276	1.01713	1.01713	3.72317	0.364691	0.0870682	1
cg08572565	0.374705	0.584166	-1.71184	0.0476189	0.262746	-3.80596	0.0274293	0.214555	-4.66081	0.269558	0.50745	-1.97064	6.40109	35.2903	4.9006	1
cg15484244	0.900678	1.01132	1.01132	0.00685352	1.37105	1.37105	0.0243823	0.785246	-1.27349	0.0146152	0.76263	-1.31125	6.1106	0.786025	0.114341	1
cg18459806	0.471834	0.775511	-1.28947	0.0149527	0.353656	-2.8276	0.0113555	0.332542	-3.00714	0.206307	0.629355	-1.58893	5.98269	11.4338	1.69879	1
cg20969923	0.00183965	0.153657	-6.50801	0.00300858	0.178645	-5.5977	0.00467031	0.203412	-4.91613	0.15053	0.520777	-1.92021	5.5502	15.7579	2.52369	1
cg10083996	0.187494	0.709111	-1.41022	0.0129015	0.467839	-2.13749	0.0687392	0.605737	-1.65088	0.129696	1.49606	1.49606	5.14849	4.93767	0.85249	1
cg11087049	0.675718	0.812767	-1.23037	0.00337587	0.140223	-7.13147	0.0161784	0.234638	-4.26189	0.0635832	0.357792	-2.79492	4.90791	18.8752	3.41855	1
cg01708014	0.391205	0.679976	-1.47064	0.1643	0.521271	-1.91839	0.00324352	0.171595	-5.82768	0.380926	0.673973	-1.48374	4.32019	13.1883	2.71353	1
cg12812165	0.468827	0.709607	-1.40923	0.00309809	0.152018	-6.57817	0.0337714	0.315428	-3.17029	0.0301598	0.305242	-3.27609	4.23951	14.5464	3.0499	1
cg11190278	0.362644	0.600152	-1.66624	0.0294108	0.246649	-4.05434	0.255727	1.91065	1.91065	0.146388	0.427095	-2.3414	3.8629	18.2178	4.1921	1
cg02324789	0.379757	0.676428	-1.47835	0.125781	0.487353	-2.0519	0.148351	1.95946	1.95946	0.466294	0.724949	-1.37941	3.52485	10.5087	2.65005	1
cg16449219	0.994779	1.00264	1.00264	0.00128376	0.151304	-6.60923	0.0124746	0.286294	-3.49291	0.0947437	0.477663	-2.09352	4.72421	12.1119	2.27893	1
cg03854262	0.0605431	1.40355	1.40355	0.00217285	0.502017	-1.99196	0.452224	0.884543	-1.13053	0.333724	1.17318	1.17318	5.95963	2.4222	0.361276	1
cg13585029	0.703055	1.08848	1.08848	0.000707255	3.13424	3.13424	0.396225	1.21206	1.21206	0.0864436	1.52084	1.52084	3.73115	2.89573	0.689861	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05367443	NINJ2	1.61E-06	0.00540515	0.567943	-1.76074	0.0407931	1.44031	1.44031	7.08E-05	3.06407	3.06407	0.0126688	1.61408	1.61408	0.0272954	0.667948	-1.49712	0.00264432	1.90167	1.90167	0.0127541	1.613	1.613	1.07E-07	14.1326	14.1326	5.05E-07	8.7511	8.7511	64.908	24.5404	0.336071	1
cg18635631	NINJ2	0.000959309	0.0118131	0.630765	-1.58538	0.492915	0.902964	-1.10746	0.313432	0.858281	-1.16512	0.386716	0.878044	-1.13889	2.87E-05	0.29981	-3.33545	0.452384	1.11875	1.11875	0.000498875	0.450076	-2.22185	0.140064	0.792388	-1.26201	0.023294	0.672056	-1.48797	11.9059	4.05133	0.302472	1
cg26421593	NINJ2	0.00164255	0.846267	1.07145	1.07145	0.573878	1.22387	1.22387	0.23194	0.64035	-1.56164	0.327405	1.43254	1.43254	0.0105598	3.13822	3.13822	0.709776	1.14215	1.14215	3.29E-05	0.0568546	-17.5887	0.853594	1.06788	1.06788	0.759883	0.896737	-1.11515	10.2088	20.4385	1.77961	1
cg08089041	NINJ2	0.00454278	0.0426715	0.322515	-3.10063	0.0704933	2.66528	2.66528	0.539606	1.35143	1.35143	0.748448	1.16886	1.16886	0.00844808	0.195776	-5.10789	0.581482	1.30994	1.30994	0.0119761	4.57357	4.57357	0.00152947	9.13359	9.13359	0.0136566	4.38965	4.38965	7.55599	28.1429	3.31073	1
cg02138756	NINJ2	0.00592359	0.0446667	1.26392	1.26392	0.0553305	1.24696	1.24696	0.606105	0.948521	-1.05427	0.763629	0.96982	-1.03112	0.849387	0.980868	-1.0195	0.306773	0.89807	-1.1135	0.000222488	0.535483	-1.86747	0.443556	1.08261	1.08261	0.104692	1.19744	1.19744	6.96666	1.13914	0.145345	1
cg14696804	NINJ2	0.00790814	0.330059	0.593577	-1.6847	0.0285116	3.82378	3.82378	0.949641	0.967754	-1.03332	0.0140452	4.82399	4.82399	0.44171	0.665584	-1.50244	0.145788	2.24886	2.24886	0.748512	0.846264	-1.18166	0.000941944	12.9347	12.9347	0.00429761	7.25418	7.25418	6.36724	27.1567	3.79117	1
cg03833982	NINJ2	0.0102864	0.225194	0.777042	-1.28693	0.0133891	1.83419	1.83419	0.465795	1.15834	1.15834	0.452214	0.859273	-1.16377	0.0106062	0.529168	-1.88976	0.675529	1.08694	1.08694	0.00457505	2.11209	2.11209	0.623327	1.103	1.103	0.0124689	1.85092	1.85092	5.85743	3.63825	0.55212	1
cg11037420	NINJ2	0.01044	0.0469277	0.350077	-2.85651	0.00238111	0.141631	-7.0606	0.100279	0.435644	-2.29545	0.705103	0.839075	-1.19179	0.00287031	0.150666	-6.6372	0.0181977	0.266303	-3.75513	0.247573	1.74697	1.74697	0.27638	1.68622	1.68622	0.155924	0.496311	-2.01486	5.82964	19.6624	2.99807	1
cg11900393	NINJ2	0.0105791	0.61043	1.17864	1.17864	0.566424	1.20369	1.20369	0.19857	0.647505	-1.54439	0.612026	1.17776	1.17776	0.000176826	0.130861	-7.64171	0.0748214	0.530052	-1.88661	0.618313	1.17431	1.17431	0.857808	1.05905	1.05905	0.494571	0.801005	-1.24843	5.80493	9.40839	1.44067	1
cg25683744	NINJ2	0.0127734	0.555839	0.906248	-1.10345	0.0250787	1.55323	1.55323	0.00614662	0.553962	-1.80518	0.0104598	0.587121	-1.70323	0.720608	0.942386	-1.06114	0.905064	0.980478	-1.01991	0.0430022	0.680602	-1.46929	0.144531	1.2956	1.2956	0.0255208	0.644988	-1.55042	5.46141	2.36156	0.384363	1
cg18569661	NINJ2	0.0158659	0.194845	0.780534	-1.28117	0.0953277	1.39252	1.39252	0.129281	1.34469	1.34469	0.0382262	1.5434	1.5434	0.094346	0.717278	-1.39416	0.392693	1.17142	1.17142	0.00331939	0.485545	-2.05954	0.0929928	0.716101	-1.39645	0.240053	1.24891	1.24891	5.08521	2.62946	0.459626	1
cg02862025	NINJ2	0.0422173	0.381235	2.03252	2.03252	0.534619	1.64322	1.64322	0.341498	2.16858	2.16858	0.152881	3.35019	3.35019	0.250778	0.387627	-2.5798	0.466481	1.79542	1.79542	0.208698	2.84805	2.84805	0.001913	32.1674	32.1674	0.0188155	9.46512	9.46512	3.61041	35.6639	8.78052	1
cg24804768	NINJ2	0.0430884	0.51755	1.20935	1.20935	0.00277039	3.30539	3.30539	0.0225655	2.20624	2.20624	0.65884	1.13738	1.13738	0.493838	1.223	1.223	0.0573887	1.86402	1.86402	0.503039	1.21764	1.21764	0.0153165	2.36896	2.36896	0.334689	1.33409	1.33409	3.58311	4.76325	1.18165	1
cg03277819	NINJ2	0.0460241	0.135782	0.469417	-2.1303	0.00787344	0.201109	-4.97242	0.00368142	0.157724	-6.34019	0.88308	0.933113	-1.07168	0.161735	0.495134	-2.01966	0.136909	0.470594	-2.12497	0.173805	0.506251	-1.9753	0.0633818	0.37451	-2.67016	0.679435	0.822438	-1.2159	3.4959	12.2534	3.11562	1
cg25738961	NINJ2	0.0496999	0.770746	1.09759	1.09759	0.0417933	2.11222	2.11222	0.0827853	1.84449	1.84449	0.614211	1.17583	1.17583	0.420891	0.769482	-1.29957	0.86947	0.948938	-1.05381	0.00639647	0.322829	-3.09761	0.183718	1.56745	1.56745	0.317718	0.719553	-1.38975	3.39589	5.46193	1.42968	1
cg09804398	NINL	3.72E-05	0.000532844	2.05855	2.05855	0.000368177	0.441527	-2.26487	0.00130616	0.586598	-1.70475	0.896825	1.00639	1.00639	?	?	?	4.99E-06	0.0320298	-31.2209	5.09E-05	0.204854	-4.88152	2.22E-05	0.123659	-8.08674	5.55E-05	0.214399	-4.66421	1178.38	32.0405	0.0101964	1
cg16686733	NINL	0.00436258	0.000594836	0.127967	-7.81453	0.2383	0.619377	-1.61453	0.57569	1.24521	1.24521	0.0515541	2.36189	2.36189	0.00159128	0.172474	-5.79798	0.924275	0.9638	-1.03756	0.0126307	0.300434	-3.32852	0.952137	1.02355	1.02355	0.131987	0.532306	-1.87862	7.6493	18.2225	2.11755	1
cg26101502	NINL	0.013663	0.540867	1.12472	1.12472	0.0244817	0.601194	-1.66336	0.00166769	0.42582	-2.34841	0.34303	0.830715	-1.20378	0.010428	1.84463	1.84463	0.965752	1.00819	1.00819	0.485258	1.14413	1.14413	0.332425	1.20906	1.20906	0.435224	0.859717	-1.16317	5.34245	3.05012	0.507485	1
cg26158279	NINL	0.0187371	0.364533	0.8259	-1.2108	0.0459525	0.625256	-1.59934	0.0122703	1.89716	1.89716	0.504023	0.870057	-1.14935	0.0706376	0.66052	-1.51396	0.134566	0.718058	-1.39265	0.00913946	0.506754	-1.97334	0.244627	1.28386	1.28386	0.139953	1.38544	1.38544	4.80965	3.21025	0.593299	1
cg27646699	NIP7;COG8	0.000789505	0.169811	1.17295	1.17295	0.00296454	0.640876	-1.56036	0.00193741	1.61355	1.61355	0.000132467	2.06085	2.06085	0.099769	1.21748	1.21748	0.268295	0.881803	-1.13404	0.00945805	0.698543	-1.43155	0.31097	1.12115	1.12115	0.71998	1.04005	1.04005	12.5787	2.37089	0.167541	1
cg20675440	NIP7;COG8	0.00179281	0.000133769	0.13034	-7.67226	0.396091	0.765273	-1.30672	0.00911558	0.360673	-2.7726	0.971393	1.0111	1.0111	0.00191578	0.258569	-3.86744	0.241414	0.685587	-1.4586	0.0429428	0.488162	-2.0485	0.0247257	0.439077	-2.27751	0.000792838	0.210043	-4.76094	9.95334	14.9379	1.33404	1
cg11403598	NIP7;COG8	0.0019114	0.000932658	0.176969	-5.6507	0.00449592	0.26513	-3.77173	0.00947522	0.315917	-3.16538	0.913667	1.03874	1.03874	0.0026079	0.231869	-4.31278	0.116624	0.550141	-1.81772	0.0149027	0.350092	-2.85639	0.00133994	0.195193	-5.12315	0.000825026	0.171068	-5.84564	9.76991	19.0102	1.72959	1
cg05614267	NIP7;COG8	0.00803035	0.907976	1.01226	1.01226	0.115646	1.19742	1.19742	0.0907552	1.21689	1.21689	0.267898	0.885524	-1.12927	0.460264	1.08242	1.08242	0.141081	0.846411	-1.18146	0.000331765	0.543197	-1.84095	0.0706655	1.23713	1.23713	0.808451	0.974739	-1.02592	6.33659	1.11371	0.15623	1
cg21404224	NIPA1;NIPA1	0.00432398	0.00681085	0.804592	-1.24287	0.233448	1.08055	1.08055	0.222284	1.08279	1.08279	0.059289	0.876301	-1.14116	0.25441	1.07659	1.07659	0.00573275	0.798832	-1.25183	0.00180309	0.759368	-1.31688	0.0174212	0.835666	-1.19665	0.0115046	0.821986	-1.21657	7.66991	0.467191	0.0541442	1
cg13140465	NIPA1;NIPA1	0.0148981	0.495365	1.10947	1.10947	0.00190435	0.516867	-1.93474	0.0238791	0.66732	-1.49853	0.802896	0.963169	-1.03824	0.752417	1.04863	1.04863	0.785291	0.959853	-1.04183	0.011565	1.60608	1.60608	0.095148	0.759461	-1.31672	0.317899	0.856494	-1.16755	5.19238	1.85154	0.316966	1
cg22838602	NIPA1;NIPA1	0.0158167	0.0479019	0.568636	-1.75859	0.00745259	0.423128	-2.36335	0.205301	1.3959	1.3959	0.030761	0.530852	-1.88377	0.0032829	0.367892	-2.71819	0.516175	0.848476	-1.17858	0.0145801	0.471945	-2.11889	0.322264	0.77475	-1.29074	0.0646323	0.595677	-1.67876	5.09046	5.02272	0.87706	1
cg15159661	NIPA1;NIPA1	0.0158269	0.00130142	0.381376	-2.62208	0.0119291	0.524241	-1.90752	0.365781	0.825917	-1.21078	0.582686	1.121	1.121	0.616179	0.9012	-1.10963	0.0842638	1.48162	1.48162	0.603794	1.11378	1.11378	0.439367	0.85016	-1.17625	0.0354433	0.604077	-1.65542	5.08936	3.41493	0.596439	1
cg00207833	NIPA1;NIPA1	0.0181133	0.0258388	1.89341	1.89341	0.00236121	2.78216	2.78216	0.0047534	2.47065	2.47065	0.0457012	1.73788	1.73788	0.515755	1.17231	1.17231	0.623293	0.887422	-1.12686	0.453316	0.831692	-1.20237	0.891455	0.967598	-1.03349	0.781722	1.0693	1.0693	4.86485	4.48417	0.819333	1
cg02326796	NIPA1;NIPA1	0.0296459	0.251418	0.896275	-1.11573	0.0651929	0.827627	-1.20827	0.310437	1.10067	1.10067	0.00306651	0.690367	-1.44851	0.193637	0.881879	-1.13394	0.0406037	1.2412	1.2412	0.333039	1.09555	1.09555	0.295118	0.905537	-1.10432	0.820133	0.979402	-1.02103	4.10409	0.54288	0.11758	1
cg10137463	NIPA1;NIPA1	0.0403389	0.0179015	0.656522	-1.52318	0.0828891	1.32421	1.32421	0.357846	0.870859	-1.14829	0.716575	1.05476	1.05476	0.851716	1.02774	1.02774	0.928845	0.987024	-1.01315	0.0263607	0.68036	-1.46981	0.122902	1.27689	1.27689	0.0469419	1.39455	1.39455	3.6717	1.24355	0.301054	1
cg20587188	NIPA1;NIPA1	0.0428155	0.265668	0.725644	-1.37809	0.275794	0.730924	-1.36813	0.771638	0.922691	-1.08379	0.309689	1.3373	1.3373	0.0108534	0.412959	-2.42155	0.536487	0.841088	-1.18894	0.00352444	0.334918	-2.98581	0.480211	0.820031	-1.21947	0.0479505	0.535189	-1.8685	3.59159	4.3482	1.07614	1
cg12627870	NIPA1;NIPA1	0.0482414	0.522865	1.06409	1.06409	0.663677	1.04286	1.04286	0.315547	1.10467	1.10467	0.481977	0.933745	-1.07096	0.251629	0.89147	-1.12174	0.470516	1.07296	1.07296	0.0179185	1.3178	1.3178	0.0059735	1.41162	1.41162	0.132629	0.855858	-1.16842	3.43445	0.500483	0.129533	1
cg13210923	NIPA2;NIPA2;NIPA2;NIPA2	2.08E-06	0.10532	0.773571	-1.29271	0.00927738	0.619429	-1.61439	0.0531395	1.37545	1.37545	0.694953	0.944426	-1.05884	0.745101	0.953774	-1.04847	0.405625	0.883874	-1.13138	1.51E-08	0.0411921	-24.2765	0.908314	1.01686	1.01686	0.124904	0.78584	-1.27252	60.7723	20.2598	0.29633	1
cg17897236	NIPA2;NIPA2;NIPA2;NIPA2	0.00579603	0.0390338	0.778153	-1.2851	0.176485	1.16286	1.16286	0.142991	1.17974	1.17974	0.0156065	0.732481	-1.36522	0.472432	1.07976	1.07976	0.417018	0.916592	-1.091	0.000579463	0.571845	-1.74873	0.960269	0.994783	-1.00524	0.0318044	1.30242	1.30242	7.01356	1.22469	0.155215	1
cg26959990	NIPA2;NIPA2;NIPA2;NIPA2	0.00632436	0.0141674	0.61905	-1.61538	0.660302	0.932325	-1.07259	0.111408	1.31618	1.31618	0.196959	0.805631	-1.24126	0.365704	0.863077	-1.15864	0.590469	0.917522	-1.08989	0.000938481	0.457469	-2.18594	0.0379754	0.683041	-1.46404	0.0013515	0.478316	-2.09067	6.82711	2.71438	0.353412	1
cg24202620	NIPA2;NIPA2;NIPA2;NIPA2	0.0120661	0.905583	1.02651	1.02651	0.0190586	0.534906	-1.86949	0.250293	0.767311	-1.30325	0.004283	0.43068	-2.32191	0.0292636	0.567657	-1.76163	0.0303419	0.570492	-1.75287	0.0242285	1.80815	1.80815	0.19202	1.35591	1.35591	0.797321	1.05838	1.05838	5.56358	4.28302	0.684296	1
cg01217406	NIPA2;NIPA2;NIPA2;NIPA2	0.0279872	0.0259905	0.71009	-1.40827	0.207558	0.841828	-1.18789	0.174739	1.20565	1.20565	0.685034	0.94854	-1.05425	0.00560647	0.624265	-1.60188	0.302186	1.14853	1.14853	0.0513333	1.33303	1.33303	0.566631	0.927703	-1.07793	0.112658	0.799527	-1.25074	4.18846	1.11349	0.23631	1
cg26178657	NIPAL1	0.000523811	0.00116949	0.31272	-3.19775	0.154787	0.6897	-1.44991	0.00127354	0.317738	-3.14725	0.0195044	0.502211	-1.99119	0.13175	0.672402	-1.48721	0.00357374	0.381819	-2.61904	1.54E-05	0.112879	-8.85906	0.0260188	0.524933	-1.90501	0.00474404	0.400532	-2.49668	14.1072	13.2968	0.837828	1
cg20298098	NIPAL1	0.00363143	0.402157	0.678428	-1.474	0.11532	2.16991	2.16991	0.00131867	8.28644	8.28644	0.0081675	4.62625	4.62625	0.142094	0.489602	-2.04247	0.881731	1.06968	1.06968	0.0339543	0.32622	-3.06541	0.00153841	7.86138	7.86138	0.214341	1.80677	1.80677	8.08404	26.2147	2.88246	1
cg22767754	NIPAL1	0.00426774	0.0270499	0.375276	-2.6647	0.0493031	0.431642	-2.31673	0.00148669	0.179803	-5.56165	0.159965	0.569967	-1.75449	0.0034065	0.225289	-4.43875	0.0605155	0.452713	-2.2089	0.00113044	0.166293	-6.01347	0.524117	1.27344	1.27344	0.00440414	0.240875	-4.15154	7.70036	17.0988	1.9738	1
cg25084525	NIPAL1	0.00852341	0.0305793	0.713484	-1.40157	0.463606	1.1042	1.1042	0.0386719	1.37461	1.37461	0.418449	0.895966	-1.11611	0.0184464	0.683995	-1.462	0.0056565	0.617295	-1.61997	0.00661389	0.62599	-1.59747	0.672657	0.945101	-1.05809	0.0706867	1.30782	1.30782	6.21861	1.73869	0.248528	1
cg04223207	NIPAL1	0.0121108	0.823831	0.965127	-1.03613	0.000482033	0.418278	-2.39076	0.523735	0.902247	-1.10834	0.81362	1.03831	1.03831	0.831548	1.03449	1.03449	0.0545324	0.706642	-1.41514	0.0043004	0.544539	-1.83641	0.173907	0.794301	-1.25897	0.118703	0.763672	-1.30946	5.55689	2.23039	0.356777	1
cg12039490	NIPAL2	1.66E-05	0.108408	1.18982	1.18982	0.00032822	1.77865	1.77865	0.000982596	0.614912	-1.62625	0.00535303	0.694868	-1.43912	8.46E-06	0.381999	-2.61781	0.0250609	0.767579	-1.3028	1.34E-05	0.404805	-2.47032	0.00105444	1.61741	1.61741	0.0044454	0.686161	-1.45738	35.5771	5.54948	0.138653	1
cg14288091	NIPAL2	0.00237747	0.00187476	0.232552	-4.30011	0.000223901	0.131161	-7.6242	0.0860542	0.533977	-1.87274	0.25173	0.672968	-1.48595	0.00440988	0.284461	-3.51542	0.242852	0.667475	-1.49818	0.00128658	0.211831	-4.72074	0.246308	0.669627	-1.49337	0.00784747	0.323538	-3.09082	9.16646	15.8833	1.54023	1
cg10558755	NIPAL2	0.00908824	0.654901	1.13657	1.13657	0.000889804	0.242583	-4.12231	0.00408433	0.334013	-2.99389	0.554937	1.18521	1.18521	0.196647	1.4747	1.4747	0.676777	1.1267	1.1267	0.0621072	1.81785	1.81785	0.324845	0.748786	-1.3355	0.527356	0.833414	-1.19988	6.09347	7.81405	1.13988	1
cg07302626	NIPAL2	0.0146039	0.602212	0.925622	-1.08035	0.495874	1.10697	1.10697	0.291188	1.17466	1.17466	0.377388	1.14239	1.14239	0.00109535	0.49275	-2.02943	0.525596	0.909797	-1.09915	0.00502907	0.579627	-1.72525	0.201877	0.82032	-1.21904	0.0837962	0.754854	-1.32476	5.2267	1.78814	0.304103	1
cg15264255	NIPAL2	0.0195422	0.350483	0.833334	-1.2	0.00151932	2.37814	2.37814	0.393094	0.847065	-1.18055	0.734158	1.06681	1.06681	0.176414	0.761348	-1.31346	0.726826	1.06881	1.06881	0.011817	0.550782	-1.8156	0.894494	0.975141	-1.02549	0.213979	0.780175	-1.28176	4.74168	2.70308	0.506728	1
cg01566999	NIPAL2	0.0199022	0.00380433	0.530451	-1.88519	0.0618638	1.40718	1.40718	0.100109	0.746269	-1.34	0.321339	1.18109	1.18109	0.00788798	0.574854	-1.73957	0.385377	0.8654	-1.15553	0.83808	1.0338	1.0338	0.577789	1.09564	1.09564	0.14872	0.77756	-1.28607	4.7124	1.96946	0.371495	1
cg12860109	NIPAL2	0.0445476	0.0700733	0.32977	-3.03242	0.00916168	0.163188	-6.1279	0.0187863	0.210242	-4.75643	0.104096	0.377802	-2.64689	0.0225851	0.224067	-4.46295	0.142203	0.421357	-2.37328	0.0263899	0.23639	-4.2303	0.0564808	0.306404	-3.26366	0.661952	0.785847	-1.27251	3.53888	16.8176	4.22421	1
cg16261730	NIPAL3	0.000161191	0.0655481	0.726451	-1.37655	0.02082	1.53752	1.53752	0.883506	1.02293	1.02293	7.57E-05	3.0348	3.0348	0.442299	1.12878	1.12878	0.981429	1.00361	1.00361	6.21E-05	0.319387	-3.131	0.000367645	2.41594	2.41594	0.689273	1.06412	1.06412	19.4753	7.37481	0.336601	1
cg22675447	NIPAL3	0.00968007	0.00171354	0.13595	-7.35563	0.853576	0.920944	-1.08584	0.721369	1.17308	1.17308	0.869512	1.07604	1.07604	0.0139285	0.258174	-3.87336	0.224987	0.566596	-1.76493	0.0049729	0.19061	-5.24632	0.85289	0.920583	-1.08627	0.00384488	0.176122	-5.67787	5.97233	18.7959	2.79748	1
cg03625676	NIPAL4	0.0335226	0.511906	0.932174	-1.07276	0.261625	0.883734	-1.13156	0.00434714	0.668753	-1.49532	0.539388	0.936499	-1.06781	0.326528	0.89857	-1.11288	0.177387	0.859537	-1.16342	0.06742	1.24156	1.24156	0.0314018	1.30542	1.30542	0.619019	1.05435	1.05435	3.9278	0.693492	0.156942	1
cg22213386	NIPAL4	0.0394756	0.06147	0.355699	-2.81137	0.00295583	0.135055	-7.40441	0.0282731	0.280639	-3.5633	0.751896	0.855891	-1.16837	0.0645538	0.361053	-2.76968	0.743995	1.17443	1.17443	0.0543014	0.342501	-2.9197	0.710579	0.832867	-1.20067	0.0674694	0.365958	-2.73256	3.70107	14.1109	3.38904	1
cg13576342	NIPAL4;NIPAL4	0.00075584	0.713557	1.1599	1.1599	0.606741	1.23231	1.23231	3.41E-05	0.0396082	-25.2473	0.221395	0.596221	-1.67723	0.276478	1.57684	1.57684	0.729948	0.869865	-1.1496	0.000256725	0.0887916	-11.2623	0.551527	0.784758	-1.27428	0.209905	1.70172	1.70172	12.7338	32.645	2.27881	1
cg12980527	NIPBL;NIPBL	5.96E-05	3.44E-05	0.0902919	-11.0752	0.0191619	2.34073	2.34073	0.246715	1.43828	1.43828	0.866605	0.950808	-1.05174	0.0573475	1.90613	1.90613	9.63E-05	0.124699	-8.01934	1.97E-05	0.0745454	-13.4146	0.0985616	1.72207	1.72207	0.360569	1.32581	1.32581	25.4101	36.2308	1.26741	1
cg07316489	NIPBL;NIPBL	0.00179944	0.0713151	0.586467	-1.70512	0.436062	1.22571	1.22571	?	?	?	0.027254	2.0299	2.0299	0.200815	1.41976	1.41976	0.323771	1.29978	1.29978	7.96E-05	0.0995803	-10.0421	0.704285	1.10201	1.10201	0.207364	1.41156	1.41156	15.4062	13.3574	0.650259	1
cg02303067	NIPBL;NIPBL	0.00320033	0.633641	1.08546	1.08546	0.000131586	0.322033	-3.10527	0.258256	0.817539	-1.22318	0.125429	0.753349	-1.32741	0.31979	0.838975	-1.19193	0.617696	1.08974	1.08974	0.00530095	1.87306	1.87306	0.184361	0.786262	-1.27184	0.100318	0.735313	-1.35996	8.3952	3.87783	0.410587	1
cg01008726	NIPBL;NIPBL	0.0133814	0.424701	1.38977	1.38977	0.0536655	0.412877	-2.42203	0.23694	0.60638	-1.64913	0.566572	1.26349	1.26349	0.000435685	0.105959	-9.43763	0.132981	0.519743	-1.92403	0.0538839	0.413297	-2.41957	0.403909	1.41173	1.41173	0.119226	0.505289	-1.97906	5.37904	13.8855	2.29458	1
cg09537600	NIPBL;NIPBL	0.0387533	0.0895393	0.685766	-1.45822	0.193585	0.757895	-1.31944	0.785427	1.05653	1.05653	0.336329	0.818917	-1.22112	0.18431	0.752928	-1.32815	0.0949577	1.44741	1.44741	0.0045468	2.14186	2.14186	0.265369	1.26352	1.26352	0.278037	1.25522	1.25522	3.72625	2.39657	0.571696	1
cg20927568	NIPBL;NIPBL	0.0418918	0.963821	1.00875	1.00875	0.147225	0.741745	-1.34817	0.0100247	1.86706	1.86706	0.0221709	0.590521	-1.69342	0.802383	1.04935	1.04935	0.328003	0.823711	-1.21402	0.414695	1.17369	1.17369	0.743991	1.06497	1.06497	0.0445487	1.55749	1.55749	3.62079	2.11572	0.519402	1
cg08374525	NIPBL;NIPBL;NIPBL;NIPBL	0.023096	0.000948054	0.0892223	-11.208	0.365655	1.53459	1.53459	0.734419	1.16922	1.16922	0.204707	1.8574	1.8574	0.501231	1.36881	1.36881	0.820615	1.10987	1.10987	0.376415	1.51916	1.51916	0.113306	0.448794	-2.22819	0.173268	1.9568	1.9568	4.96868	16.2203	2.53906	1
cg01246855	NIPSNAP1	0.000574773	0.526687	0.850754	-1.17543	0.10857	0.643364	-1.55433	0.00784141	0.423261	-2.36261	0.00372503	0.372628	-2.68364	0.000315693	0.229779	-4.35201	0.622994	0.882624	-1.13299	4.02E-05	0.138535	-7.21839	0.674529	1.11229	1.11229	0.00123851	0.304342	-3.28577	13.7475	13.8241	0.893843	1
cg13797031	NIPSNAP1	0.00101555	0.0126024	0.422584	-2.36639	0.00258824	0.313681	-3.18795	0.00167268	0.287085	-3.48329	0.602587	1.15704	1.15704	9.81E-05	0.146386	-6.83123	0.00341986	0.331389	-3.0176	0.00854571	0.393894	-2.53875	0.00204909	0.299279	-3.34137	0.0553215	0.547068	-1.82793	11.7151	14.3059	1.08546	1
cg00232685	NIPSNAP1	0.00822807	0.0325357	1.34879	1.34879	0.156854	1.19849	1.19849	0.0558087	1.29577	1.29577	0.584111	1.06834	1.06834	0.333461	1.1267	1.1267	0.529536	0.926665	-1.07914	0.000473051	0.518617	-1.9282	0.954373	0.993181	-1.00687	0.0945062	1.2458	1.2458	6.28823	1.42406	0.201302	1
cg00266865	NIPSNAP1	0.00846959	0.0263211	0.472106	-2.11817	0.23502	0.701465	-1.42559	0.0452118	0.519683	-1.92425	0.873613	0.955662	-1.0464	0.00093537	0.244906	-4.0832	0.0428999	0.514879	-1.9422	0.00386943	0.330039	-3.02994	0.00481551	0.344538	-2.90244	0.902174	0.965575	-1.03565	6.23107	8.00918	1.14254	1
cg15196802	NIPSNAP1	0.00958714	0.873807	0.953274	-1.04902	0.0267877	0.453905	-2.2031	0.0112201	0.384218	-2.60269	0.571257	1.18799	1.18799	0.000462141	0.190332	-5.25398	0.0111881	0.384003	-2.60414	0.812789	0.931064	-1.07404	0.55693	0.836224	-1.19585	0.144846	0.624109	-1.60229	5.99073	8.59981	1.27602	1
cg12788855	NIPSNAP1	0.0116195	0.0726012	0.806813	-1.23945	0.268351	1.13151	1.13151	0.0119684	1.39935	1.39935	0.0691864	0.80422	-1.24344	0.17506	0.856792	-1.16714	0.729288	0.963454	-1.03793	0.00613427	0.681659	-1.46701	0.00708055	0.688716	-1.45198	0.18029	0.858578	-1.16472	5.63199	1.02438	0.161677	1
cg00876153	NIPSNAP1	0.013412	0.446596	0.885441	-1.12938	0.0134329	0.61874	-1.61619	0.435865	0.882782	-1.13278	0.00165298	0.493485	-2.02641	0.782604	1.04434	1.04434	0.023629	0.654544	-1.52778	0.0118066	0.610715	-1.63742	0.0102	0.60168	-1.66201	0.0543587	0.710065	-1.40832	5.37501	2.09394	0.346284	1
cg07721490	NIPSNAP1	0.0137359	0.317906	0.879964	-1.13641	0.902296	1.01533	1.01533	0.771317	1.03676	1.03676	0.00240401	1.68836	1.68836	0.0105326	1.4898	1.4898	0.00845043	1.51667	1.51667	0.897367	0.984142	-1.01611	0.167229	0.833292	-1.20006	0.0765326	1.27639	1.27639	5.33314	1.29591	0.215993	1
cg02949991	NIPSNAP1	0.0158485	0.423098	0.885433	-1.12939	0.527669	0.909225	-1.09984	0.345965	0.865594	-1.15528	0.291247	0.849704	-1.17688	0.982992	1.00318	1.00318	0.845275	0.971362	-1.02948	0.00133487	0.49977	-2.00092	0.00138576	0.501882	-1.9925	0.0471294	0.713304	-1.40193	5.08705	1.78186	0.311353	1
cg08492625	NIPSNAP1	0.0307705	0.212471	0.605523	-1.65147	0.413895	0.726815	-1.37587	0.308057	0.66828	-1.49638	0.595305	0.814814	-1.22727	0.000750393	0.141808	-7.05177	0.987881	0.994214	-1.00582	0.0749922	0.468839	-2.13293	0.663546	1.18201	1.18201	0.0367515	0.395784	-2.52663	4.05014	9.36107	2.05448	1
cg13654468	NIPSNAP3A	0.0226085	0.00144128	0.384258	-2.60242	0.106658	0.69364	-1.44167	0.327475	1.23356	1.23356	0.299754	1.25001	1.25001	0.0443362	0.619019	-1.61546	0.592463	1.11873	1.11873	0.0719806	0.658978	-1.5175	0.881196	1.03154	1.03154	0.0915211	0.679872	-1.47086	4.51145	3.08098	0.607044	1
cg13524927	NIPSNAP3A;NIPSNAP3A	0.0422779	0.980217	1.0021	1.0021	0.559201	1.05133	1.05133	0.0455418	1.21452	1.21452	0.412968	0.931518	-1.07352	0.209002	0.893829	-1.11878	0.65723	0.962856	-1.03858	0.497876	0.943344	-1.06006	0.0524226	1.20556	1.20556	0.00348494	1.39933	1.39933	3.60849	0.410536	0.101129	1
cg14392031	NIPSNAP3B	0.000398208	0.00141571	0.19036	-5.2532	0.00119006	0.181535	-5.50857	0.000458101	0.137872	-7.25309	0.188222	0.60611	-1.64987	0.000319274	0.123402	-8.10362	0.0032846	0.23728	-4.21443	8.64E-05	0.0796395	-12.5566	0.00337732	0.238955	-4.18489	0.0016208	0.197433	-5.065	15.219	31.0818	1.81538	1
cg13888748	NIPSNAP3B	0.0449212	0.566113	1.37264	1.37264	0.00146015	12.3034	12.3034	0.251235	1.92441	1.92441	0.548937	1.39261	1.39261	0.94589	1.03776	1.03776	0.650296	1.28304	1.28304	0.102995	0.377551	-2.64865	0.127368	2.46032	2.46032	0.688115	0.802233	-1.24652	3.52784	16.6618	4.19817	1
cg12564913	NISCH	1.85E-05	0.038596	0.672757	-1.48642	3.34E-07	0.0862734	-11.5911	0.149448	0.774367	-1.29138	0.369584	0.858604	-1.16468	0.0681361	0.713237	-1.40206	2.50E-05	0.2502	-3.9968	0.0506789	1.4454	1.4454	0.994462	0.998852	-1.00115	0.549446	0.904655	-1.10539	34.5507	14.9773	0.385322	1
cg21640566	NISCH	0.000238133	0.0163265	0.493606	-2.02591	0.369757	1.24794	1.24794	0.740188	0.923097	-1.08331	0.0604865	0.601095	-1.66363	3.56E-05	0.146912	-6.80679	0.000113481	0.195989	-5.10232	0.524096	1.16794	1.16794	0.0800909	0.62693	-1.59508	0.000103365	0.191745	-5.21526	17.5205	16.0444	0.814001	1
cg07386061	NISCH	0.00193071	0.143999	0.537219	-1.86144	0.000467205	0.113307	-8.82559	0.0799058	2.15808	2.15808	0.128834	1.91497	1.91497	0.0625263	0.436156	-2.29276	0.40115	1.40518	1.40518	0.000346995	0.102505	-9.75558	0.269751	1.57606	1.57606	0.869784	1.0671	1.0671	9.74138	24.1749	2.20593	1
cg04400147	NISCH	0.00241046	0.44016	1.15515	1.15515	0.0534592	1.49463	1.49463	0.00313086	2.09619	2.09619	0.0363277	0.640281	-1.56181	0.368222	1.18451	1.18451	0.00337238	0.481655	-2.07617	0.000829586	0.397674	-2.51462	0.663166	1.0836	1.0836	0.648858	0.91944	-1.08762	9.12943	4.85332	0.472545	1
cg20929811	NISCH	0.00370919	0.00078817	0.146066	-6.84624	0.408886	0.725971	-1.37747	0.195457	1.68055	1.68055	0.00984902	0.290314	-3.44455	0.00255185	0.204563	-4.88847	0.135677	1.83985	1.83985	0.0274158	0.37187	-2.68911	0.450717	1.33825	1.33825	0.0265314	0.368988	-2.71012	8.03282	18.2878	2.02367	1
cg00082384	NISCH	0.004747	0.692488	1.11903	1.11903	0.0326296	2.02876	2.02876	0.0379471	1.97553	1.97553	0.00805578	2.61255	2.61255	0.01285	2.39675	2.39675	0.131447	1.58523	1.58523	0.000772849	4.22055	4.22055	0.000581309	4.50501	4.50501	0.194877	1.47395	1.47395	7.45567	9.45219	1.12692	1
cg18283673	NISCH	0.0109309	0.866675	1.05	1.05	0.722303	1.10918	1.10918	0.878158	1.04556	1.04556	0.000595018	0.214529	-4.66138	0.0106358	0.393486	-2.54139	0.415525	1.27337	1.27337	0.0218309	0.449705	-2.22368	0.301293	1.36478	1.36478	0.894668	0.962264	-1.03922	5.74417	7.67129	1.1871	1
cg05654278	NISCH	0.012223	0.0250879	5.02569	5.02569	0.00132842	16.9151	16.9151	0.121553	2.76497	2.76497	0.0438699	4.06927	4.06927	0.0144135	6.21697	6.21697	0.056466	3.70059	3.70059	0.00349048	11.0381	11.0381	0.0262168	4.94238	4.94238	0.133298	2.66777	2.66777	5.54027	32.2141	5.16848	1
cg26435502	NISCH	0.0158448	0.00153469	0.260331	-3.84127	0.0334993	2.08196	2.08196	0.0438635	1.98145	1.98145	0.231385	1.44859	1.44859	0.8831	1.04439	1.04439	0.249305	0.700848	-1.42684	0.257069	0.705257	-1.41792	0.557675	0.839418	-1.1913	0.180862	0.657425	-1.52109	5.08746	7.0222	1.22693	1
cg06222184	NISCH	0.0169896	0.0192287	0.174592	-5.72764	0.301286	0.516862	-1.93475	0.754793	0.824425	-1.21297	0.740369	0.814711	-1.22743	0.00201074	0.0681679	-14.6697	0.00329518	0.0848247	-11.789	0.0170217	0.166465	-6.00726	0.462553	0.630758	-1.58539	0.111602	0.343748	-2.9091	4.9705	29.8937	5.34598	1
cg23333313	NISCH	0.027086	0.545475	0.877188	-1.14001	0.14746	1.39497	1.39497	0.249892	0.772966	-1.29372	0.369408	0.820848	-1.21825	0.00057209	0.319131	-3.13351	0.898096	1.02782	1.02782	0.462354	1.17378	1.17378	0.73744	0.930478	-1.07472	0.484026	0.858719	-1.16453	4.23693	3.07768	0.645683	1
cg21593670	NISCH	0.0317412	0.946818	1.03783	1.03783	0.428645	1.56789	1.56789	0.877344	1.08976	1.08976	0.0579541	0.30333	-3.29674	0.000978704	0.0652934	-15.3155	0.977115	1.01609	1.01609	0.307952	1.79921	1.79921	0.543508	1.4081	1.4081	0.522571	1.4343	1.4343	4.0055	19.6511	4.36092	1
cg04155718	NISCH	0.0482867	0.420967	0.654614	-1.52762	0.0171159	4.47153	4.47153	0.0156126	4.60856	4.60856	0.197461	0.495519	-2.01809	0.0570691	0.329697	-3.03309	0.987159	1.00833	1.00833	0.22961	1.91493	1.91493	0.357233	1.62903	1.62903	0.628071	1.28607	1.28607	3.43323	14.4428	3.73936	1
cg10731256	NIT2	6.88E-06	5.85E-06	0.144053	-6.9419	2.32E-06	0.111892	-8.93717	0.00238253	0.446826	-2.23801	0.62734	1.09753	1.09753	2.71E-06	0.117082	-8.541	0.000233088	0.313072	-3.19415	2.48E-05	0.20296	-4.92708	0.000191363	0.302578	-3.30493	0.000300947	0.326875	-3.05927	44.698	25.616	0.509414	1
cg02418535	NIT2	0.00178083	0.00722366	0.580284	-1.72329	0.0024785	0.516649	-1.93555	0.000139502	0.355967	-2.80925	0.610662	1.08395	1.08395	0.00110822	0.470201	-2.12675	0.593504	1.08826	1.08826	0.47649	0.892566	-1.12036	0.538502	0.906857	-1.10271	0.109026	0.760045	-1.31571	9.9727	3.89293	0.346986	1
cg18261601	NIT2	0.00795106	0.0041268	0.694555	-1.43977	0.307531	0.904756	-1.10527	0.0850112	1.19777	1.19777	0.265527	0.895884	-1.11622	0.942937	0.99324	-1.00681	0.0803004	0.832068	-1.20182	0.00154314	0.649485	-1.53968	0.054033	0.81284	-1.23025	0.0573624	1.22593	1.22593	6.35641	0.903897	0.126402	1
cg07905748	NIT2	0.0105555	0.00789614	0.202234	-4.94477	0.00689864	0.193891	-5.15754	0.0757542	0.395682	-2.52728	0.674066	0.82003	-1.21947	0.00206536	0.130658	-7.65356	0.0881308	0.41366	-2.41744	0.0134611	0.238077	-4.20031	0.00755387	0.199465	-5.0134	0.0353085	0.316705	-3.15752	5.8091	20.2427	3.09746	1
cg23538618	NIT2	0.0241487	0.0358871	0.330576	-3.02503	0.408313	0.681471	-1.46741	0.872053	0.929522	-1.07582	0.453802	1.41342	1.41342	0.0151581	0.258498	-3.8685	0.00108937	0.112421	-8.89516	0.175642	0.520483	-1.92129	0.420213	0.688373	-1.4527	0.107577	0.450981	-2.21739	4.40995	14.3609	2.89465	1
cg03607485	NIT2	0.0413413	0.116812	1.22907	1.22907	0.0184089	1.41366	1.41366	0.00251489	1.66184	1.66184	0.985044	1.00227	1.00227	0.405581	1.1085	1.1085	0.450598	1.09752	1.09752	0.0248199	1.38179	1.38179	0.750604	0.962135	-1.03936	0.519691	1.08221	1.08221	3.63857	0.844421	0.206289	1
cg13016775	NIT2	0.0495137	0.00770964	0.315548	-3.16909	0.29937	0.696008	-1.43677	0.48834	0.788835	-1.26769	0.141933	1.70238	1.70238	0.0203193	0.389642	-2.56646	0.648268	0.856633	-1.16736	0.418374	0.756826	-1.32131	0.0451117	0.460889	-2.16972	0.0722768	0.508717	-1.96573	3.40074	6.11452	1.59822	1
cg19731891	NKAIN1	1.74E-05	0.0011175	1.98868	1.98868	0.0695433	1.33741	1.33741	0.00012921	0.385675	-2.59286	0.00816377	0.615779	-1.62396	1.91E-05	0.288214	-3.46965	0.0196427	0.66784	-1.49736	0.000976178	0.495342	-2.01881	6.87E-06	0.239796	-4.17021	6.91E-05	0.352942	-2.83332	35.1063	11.405	0.288774	1
cg25010788	NKAIN1	0.00148442	0.157261	1.65634	1.65634	0.0325443	2.3042	2.3042	0.698995	1.13841	1.13841	0.357672	1.37106	1.37106	0.00191565	0.23086	-4.33162	0.216403	0.647922	-1.5434	0.00220413	0.238901	-4.18583	0.000604256	0.171303	-5.8376	0.0056069	0.297214	-3.36458	10.5111	18.5293	1.56696	1
cg19763281	NKAIN1	0.00413265	0.937047	1.01132	1.01132	0.0442701	0.719383	-1.39008	0.0628296	0.742033	-1.34765	0.00982383	1.59237	1.59237	0.0589331	1.35532	1.35532	0.120933	0.786847	-1.2709	0.00172415	1.8916	1.8916	0.00994909	1.59049	1.59049	0.0369433	1.41254	1.41254	7.77559	2.50213	0.286038	1
cg15717165	NKAIN1	0.00614832	0.744189	0.956925	-1.04501	0.124375	1.25074	1.25074	0.721185	0.952955	-1.04937	0.0378456	1.38239	1.38239	0.171564	0.822237	-1.2162	0.165809	0.819765	-1.21986	0.774114	1.03945	1.03945	0.000245015	2.25901	2.25901	0.0791949	0.769465	-1.2996	6.88701	1.97233	0.254564	1
cg11958060	NKAIN1	0.0163208	0.184039	1.65258	1.65258	0.102781	1.88947	1.88947	0.382475	0.726683	-1.37612	0.371548	1.38687	1.38687	0.00719722	0.290373	-3.44384	0.372914	0.721755	-1.38551	0.172045	1.67899	1.67899	0.00556569	0.273038	-3.66249	0.0497698	0.450345	-2.22052	5.03759	10.1379	1.78885	1
cg12170477	NKAIN2	0.0011931	0.551167	1.14442	1.14442	0.914853	0.976357	-1.02422	0.00143765	0.356703	-2.80345	0.105932	1.48448	1.48448	0.921306	1.02235	1.02235	0.247538	1.31058	1.31058	3.85E-05	0.171116	-5.844	0.799737	1.05852	1.05852	0.146036	0.705301	-1.41783	11.1902	8.87007	0.70459	1
cg04856292	NKAIN2	0.0040737	0.00410725	0.782133	-1.27856	0.389229	1.05794	1.05794	0.005191	1.2655	1.2655	0.388054	1.05809	1.05809	0.528833	1.04157	1.04157	0.21078	0.91928	-1.08781	0.0238859	0.841937	-1.18774	0.0154669	0.82728	-1.20878	0.00846118	1.23934	1.23934	7.80938	0.503902	0.0573557	1
cg08146841	NKAIN2	0.0164267	0.724608	1.14148	1.14148	0.60901	0.824491	-1.21287	0.0021595	0.199698	-5.00757	0.744335	0.884778	-1.13023	0.0981465	0.507295	-1.97124	0.0102819	0.298247	-3.35293	0.0267462	0.374622	-2.66936	0.0847361	2.04053	2.04053	0.0883696	0.494921	-2.02052	5.02674	11.1415	1.97018	1
cg19267163	NKAIN2	0.020642	0.0878395	0.456074	-2.19263	0.00597222	0.223626	-4.47175	0.0248401	0.328552	-3.04366	0.371031	0.681958	-1.46637	0.00751409	0.238418	-4.19431	0.0329752	0.353716	-2.82713	0.0210635	0.31465	-3.17813	0.00835811	0.245525	-4.07291	0.418924	0.708798	-1.41084	4.65425	12.8016	2.44491	1
cg15443530	NKAIN2	0.0273891	0.159785	0.63014	-1.58695	0.101739	0.576507	-1.73459	0.00154448	0.24658	-4.05548	0.27515	0.705357	-1.41772	0.0054536	0.325024	-3.0767	0.0677924	0.533139	-1.87568	0.482684	0.803041	-1.24527	0.279366	0.707682	-1.41306	0.0554626	0.513064	-1.94907	4.22041	6.31789	1.33065	1
cg03226666	NKAIN2	0.0419297	0.0959805	0.632248	-1.58166	0.718121	1.09517	1.09517	0.0128556	0.460835	-2.16997	0.219532	0.72341	-1.38234	0.0097569	0.440606	-2.2696	0.0734655	0.606236	-1.64952	0.901336	0.969376	-1.03159	0.125175	1.51623	1.51623	0.7153	1.09622	1.09622	3.61957	3.6052	0.88536	1
cg26385897	NKAIN3	0.00121307	0.0693157	0.625016	-1.59996	0.103347	1.50991	1.50991	0.000440134	0.276928	-3.61105	0.139546	0.692296	-1.44447	0.000777403	0.30849	-3.2416	0.00173508	0.355864	-2.81006	0.432	0.830705	-1.2038	0.392864	0.81673	-1.2244	0.000545721	0.288662	-3.46426	11.1373	9.43595	0.753102	1
cg24316515	NKAIN3	0.00290403	0.0260837	1.38058	1.38058	0.000172704	2.17966	2.17966	0.00222346	1.68776	1.68776	0.0714213	1.2788	1.2788	0.0248777	1.38559	1.38559	0.202062	1.17884	1.17884	0.108688	0.807579	-1.23827	0.0477105	1.31859	1.31859	0.0317537	1.36	1.36	8.6411	2.04188	0.210043	1
cg01458228	NKAIN3	0.00703023	0.918003	0.991903	-1.00816	0.195329	0.89751	-1.11419	0.021068	0.803286	-1.24489	0.366327	0.929348	-1.07602	0.487341	0.945813	-1.05729	0.90516	1.00945	1.00945	0.000116957	0.586981	-1.70363	0.458633	0.942163	-1.06139	0.265883	1.09585	1.09585	6.60623	0.652139	0.0877473	1
cg26978976	NKAIN3	0.00792739	0.0134641	0.41301	-2.42125	0.0926928	0.585817	-1.70702	0.263113	0.713765	-1.40102	0.838288	1.06084	1.06084	0.00607716	0.355083	-2.81624	0.441043	0.796858	-1.25493	0.000853268	0.234973	-4.2558	0.0726529	1.78396	1.78396	0.0505874	0.525237	-1.9039	6.36237	8.41784	1.17606	1
cg16423028	NKAIN3	0.00922862	0.546495	0.91232	-1.09611	0.000707948	2.17251	2.17251	0.450979	1.12242	1.12242	0.795024	0.961608	-1.03993	0.00684616	0.590577	-1.69326	0.510408	1.10561	1.10561	0.546837	0.912393	-1.09602	0.0702139	0.737608	-1.35573	0.26691	1.18997	1.18997	6.06387	2.17153	0.318319	1
cg26859878	NKAIN3	0.00961613	0.0225976	0.76046	-1.31499	0.244172	0.884972	-1.12998	0.241722	0.884356	-1.13077	0.00109432	0.616911	-1.62098	0.00901978	0.716812	-1.39507	0.335005	0.905097	-1.10485	0.73262	1.03499	1.03499	0.158547	1.16318	1.16318	0.00820493	0.712341	-1.40382	5.98497	0.953425	0.141603	1
cg10632971	NKAIN3	0.0222068	0.150852	1.38132	1.38132	0.0395187	0.606754	-1.64812	0.301973	0.799011	-1.25155	0.350015	1.22366	1.22366	0.701729	0.92243	-1.08409	0.854387	1.0393	1.0393	0.00154889	2.5989	2.5989	0.0555578	1.57655	1.57655	0.618658	0.900063	-1.11103	4.53934	3.16524	0.619814	1
cg24340081	NKAIN3	0.0289639	0.254214	1.69538	1.69538	0.00616052	4.87608	4.87608	0.190926	1.84787	1.84787	0.975088	1.01394	1.01394	0.257996	1.68769	1.68769	0.115942	2.13316	2.13316	0.00144715	7.69768	7.69768	0.0583821	2.58143	2.58143	0.308469	1.59582	1.59582	4.13806	12.8849	2.76779	1
cg16853787	NKAIN3	0.0328501	0.205525	1.24257	1.24257	0.0181744	0.627278	-1.59419	0.287239	0.835533	-1.19684	0.429717	1.14006	1.14006	0.438664	1.13707	1.13707	0.299234	0.839497	-1.19119	0.0109257	1.68113	1.68113	0.468728	1.12736	1.12736	0.0389188	0.677901	-1.47514	3.95652	1.65697	0.372262	1
cg12300018	NKAIN3	0.0406165	0.270233	0.696563	-1.43562	0.0537288	1.99358	1.99358	0.0142786	0.386047	-2.59036	0.288637	0.706829	-1.41477	0.0118777	0.371898	-2.68891	0.467309	0.792181	-1.26234	0.119558	0.587418	-1.70236	0.655036	0.86793	-1.15217	0.0478961	0.490463	-2.03889	3.66242	5.75475	1.39671	1
cg20602954	NKAIN3	0.0417319	0.979703	1.00796	1.00796	0.00311354	3.52874	3.52874	0.287614	0.708728	-1.41098	0.907397	0.964364	-1.03695	0.20285	1.52077	1.52077	0.293892	1.40425	1.40425	0.0090772	2.812	2.812	0.311409	1.38621	1.38621	0.936313	0.975388	-1.02523	3.62592	5.58408	1.36893	1
cg23042034	NKAIN3	0.0473202	0.131497	1.27353	1.27353	0.0979334	1.30946	1.30946	0.854371	0.973083	-1.02766	0.185529	0.811814	-1.23181	0.0495108	1.39491	1.39491	0.0815099	1.33207	1.33207	0.0142445	1.56671	1.56671	0.126502	0.782329	-1.27823	0.173482	1.23995	1.23995	3.45955	1.20837	0.310476	1
cg23402397	NKAIN3;LOC643763	0.00552518	0.569966	0.931583	-1.07344	0.000848395	0.538439	-1.85722	0.476329	0.914485	-1.09351	0.168085	0.834162	-1.19881	0.0241208	0.717513	-1.3937	0.222289	1.17155	1.17155	0.00722778	1.53397	1.53397	0.758631	0.96267	-1.03878	0.0125348	0.681583	-1.46717	7.11757	1.71757	0.214502	1
cg12091786	NKAIN4	0.0226006	0.503518	0.882778	-1.13279	0.00597159	1.93497	1.93497	0.49284	1.13646	1.13646	0.0532223	0.668069	-1.49685	0.00589832	0.516014	-1.93793	0.981399	1.00429	1.00429	0.600165	1.10201	1.10201	0.151021	1.3266	1.3266	0.879778	0.972586	-1.02819	4.51199	2.41036	0.474854	1
cg08878177	NKAIN4	0.0481935	0.757146	0.920057	-1.08689	0.613604	0.872172	-1.14656	0.589775	1.15744	1.15744	0.9665	1.01135	1.01135	0.00126669	0.282651	-3.53793	0.478144	0.823898	-1.21374	0.73611	0.913147	-1.09511	0.0842631	1.67039	1.67039	0.985613	1.00486	1.00486	3.43574	3.92623	1.01579	1
cg01911708	NKAIN4;FLJ16779	0.0442718	0.810345	0.931258	-1.07382	0.100545	0.586908	-1.70384	0.0590654	0.531831	-1.8803	0.195729	1.49978	1.49978	0.179946	0.655827	-1.52479	0.551933	1.19515	1.19515	0.146353	1.58705	1.58705	0.0872175	1.74961	1.74961	0.0134819	2.47453	2.47453	3.5471	4.92968	1.23536	1
cg05239824	NKAP	0.00984329	0.185927	1.53648	1.53648	0.907032	0.964855	-1.03643	0.0722458	0.540976	-1.84851	0.648697	1.15081	1.15081	0.00101109	0.22453	-4.45375	0.0468152	0.498082	-2.0077	0.480231	0.802709	-1.24578	0.15431	1.59516	1.59516	0.00591156	0.331949	-3.01251	5.94054	8.82382	1.32032	1
cg22643918	NKAP	0.0195727	0.00858914	0.0999628	-10.0037	0.469884	1.65719	1.65719	0.0295363	0.171943	-5.81588	0.417519	1.76691	1.76691	0.0341018	0.182865	-5.46853	0.0269238	0.165237	-6.05193	0.0105096	0.109465	-9.13533	0.410582	1.78272	1.78272	0.668463	1.34447	1.34447	4.73918	35.4308	6.64547	1
cg00482232	NKAPL	0.00106233	0.830217	0.948925	-1.05382	0.0016217	0.331899	-3.01296	0.00168568	0.334244	-2.99182	0.000155869	0.205818	-4.85867	0.279809	0.7601	-1.31562	0.290221	0.764913	-1.30734	0.000418787	0.255218	-3.91822	0.991714	1.00254	1.00254	0.00691197	0.425904	-2.34795	11.5663	10.9192	0.839161	1
cg18900535	NKAPL	0.00885701	0.996382	0.999474	-1.00053	0.00371723	1.57531	1.57531	0.385708	1.10862	1.10862	0.179443	0.8476	-1.1798	0.00218651	0.607572	-1.6459	0.268426	1.14301	1.14301	0.051649	1.29283	1.29283	0.0476026	1.30044	1.30044	0.937572	1.00912	1.00912	6.1435	1.30826	0.189289	1
cg21251018	NKAPL	0.0133911	0.0126739	2.70363	2.70363	0.00553974	3.22204	3.22204	0.845085	1.06481	1.06481	0.0256984	2.34088	2.34088	0.301379	1.41018	1.41018	0.449366	1.28076	1.28076	0.12089	1.71587	1.71587	0.00802908	0.336129	-2.97505	0.236114	1.48962	1.48962	5.37776	8.77626	1.45062	1
cg00448814	NKAPL	0.0223008	0.00545479	5.8626	5.8626	0.0315415	3.38718	3.38718	0.0528454	2.90018	2.90018	0.0893106	2.47556	2.47556	0.00672469	5.47599	5.47599	0.0163129	4.14065	4.14065	0.0692876	2.67318	2.67318	0.0273299	3.53713	3.53713	0.0366706	3.23683	3.23683	4.53275	16.8054	3.2956	1
cg26881102	NKAPL	0.0354253	0.0187598	0.257888	-3.87765	0.159052	0.48858	-2.04675	0.0035451	0.152466	-6.55885	0.0794591	0.395974	-2.52542	0.411788	0.67075	-1.49087	0.499011	1.38623	1.38623	0.0177185	0.253481	-3.94507	0.746722	0.857093	-1.16673	0.112238	0.43915	-2.27713	3.85025	13.8093	3.18808	1
cg01031101	NKAPL	0.0411153	0.0149738	13.8275	13.8275	0.0495173	7.15547	7.15547	0.181329	3.47656	3.47656	0.496486	1.83359	1.83359	0.261697	0.357815	-2.79474	0.316156	0.402519	-2.48435	0.0140606	14.3257	14.3257	0.189994	3.38333	3.38333	0.0401619	8.02107	8.02107	3.64595	44.5229	10.8548	1
cg04264766	NKD1	0.00104048	0.480759	0.875514	-1.14219	0.000251514	0.326348	-3.06421	0.00274426	0.464539	-2.15267	0.0123929	0.561348	-1.78143	0.953814	0.989314	-1.0108	0.753111	1.06028	1.06028	0.000560576	2.6976	2.6976	0.327337	0.828981	-1.2063	0.973086	0.993762	-1.00628	11.6348	6.34018	0.484385	1
cg26746669	NKD1	0.00403581	0.927538	0.982301	-1.01802	0.000111923	0.263644	-3.79299	0.421311	0.85106	-1.17501	0.896854	0.974859	-1.02579	0.472612	1.15421	1.15421	0.34832	0.827326	-1.20871	0.00641313	2.00605	2.00605	0.798695	0.951067	-1.05145	0.866755	0.967571	-1.03352	7.83142	4.78022	0.542569	1
cg04011357	NKD1	0.00519298	0.702317	1.13154	1.13154	0.000156277	0.124571	-8.02754	0.153702	1.63485	1.63485	0.110972	1.74862	1.74862	0.594931	0.841387	-1.18851	0.139576	0.599514	-1.66802	0.0635011	1.95715	1.95715	0.461389	1.27292	1.27292	0.473302	0.79079	-1.26456	7.25415	11.8989	1.45803	1
cg05779675	NKD1	0.00955094	0.00792351	2.256	2.256	0.369183	0.802232	-1.24652	0.385209	1.23702	1.23702	0.00978486	2.1824	2.1824	0.339346	0.790339	-1.26528	0.086978	1.57082	1.57082	0.00122736	3.09457	3.09457	0.019756	1.95934	1.95934	0.748484	1.07989	1.07989	5.99796	5.42286	0.80366	1
cg04196516	NKD1	0.0110804	0.031449	0.393362	-2.54219	0.00164226	0.188836	-5.2956	0.113182	0.528646	-1.89162	0.0208783	0.357721	-2.79547	0.00403309	0.239748	-4.17105	0.0102221	0.302037	-3.31085	0.0617848	0.45941	-2.1767	0.852141	1.07143	1.07143	0.0454303	0.428086	-2.33598	5.71908	12.3837	1.92474	1
cg02015823	NKD1	0.0150944	0.0141564	0.237743	-4.20622	0.00373391	0.155934	-6.41297	0.0255118	0.283794	-3.52368	0.288892	0.593076	-1.68612	0.0139694	0.236783	-4.22328	0.00728526	0.193524	-5.16731	0.00868408	0.204501	-4.88994	0.108527	0.435734	-2.29498	0.0812684	0.399668	-2.50207	5.16996	18.4385	3.17019	1
cg04685962	NKD1	0.0233094	0.130324	0.495646	-2.01757	0.00857537	0.236844	-4.22218	0.0272612	0.325524	-3.07197	0.0559789	0.394556	-2.53449	0.222837	0.576795	-1.73372	0.0200926	0.299778	-3.3358	0.00743258	0.227407	-4.39739	0.00654278	0.219243	-4.56114	0.121065	0.485709	-2.05884	4.46424	13.0472	2.59787	1
cg07799035	NKD1	0.0265911	0.0150187	0.583118	-1.71492	0.0296388	0.630053	-1.58717	0.997092	1.00066	1.00066	0.0575778	0.678787	-1.47322	0.75289	0.944609	-1.05864	0.367463	0.846171	-1.18179	0.00619394	1.90414	1.90414	0.976502	1.00533	1.00533	0.787934	1.04985	1.04985	4.26441	2.1986	0.458284	1
cg00535248	NKD1	0.0286311	0.228499	0.615564	-1.62453	0.0145743	0.315046	-3.17414	0.354265	1.44178	1.44178	0.0237661	0.35486	-2.81801	0.704355	1.15761	1.15761	0.00621739	0.254262	-3.93294	0.503037	1.29814	1.29814	0.532314	0.784404	-1.27485	0.0282269	0.369854	-2.70377	4.15499	9.69873	2.07488	1
cg01827248	NKD1	0.029783	0.0770901	0.410539	-2.43582	0.0172435	0.268723	-3.7213	0.0277409	0.307782	-3.24906	0.26433	0.590405	-1.69375	0.00874322	0.220283	-4.53962	0.0313949	0.318746	-3.13729	0.0067017	0.203363	-4.91732	0.0563074	0.37573	-2.66149	0.140968	0.488136	-2.04861	4.09738	13.3119	2.8879	1
cg26564714	NKD2	0.0016835	0.00499124	0.720809	-1.38733	0.929037	1.00788	1.00788	0.00101778	0.650972	-1.53616	0.386934	0.924838	-1.08127	0.0600493	0.82953	-1.2055	0.0210312	0.783061	-1.27704	0.000884912	1.55107	1.55107	0.0459778	0.817498	-1.22324	0.0187685	0.778113	-1.28516	10.1363	1.24615	0.109279	1
cg22158992	NKD2	0.0029711	0.634674	0.891976	-1.12111	0.220131	0.73499	-1.36056	0.0375491	0.561997	-1.77937	0.914138	0.974571	-1.02609	0.000810194	0.299245	-3.34174	0.0956809	0.645919	-1.54818	0.00712363	2.29356	2.29356	0.0179432	1.98747	1.98747	0.00695045	0.434297	-2.30257	8.58278	7.7528	0.802931	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26489368	NKD2	0.00449706	0.637753	1.29529	1.29529	0.0007654	16.1319	16.1319	0.00194971	10.9142	10.9142	0.256444	0.524023	-1.90831	0.0153474	0.197242	-5.06992	0.339625	0.584544	-1.71074	0.175824	2.19297	2.19297	0.218599	2.02573	2.02573	0.702753	0.811257	-1.23266	7.57923	35.7262	4.18996	1
cg23462144	NKD2	0.00917824	0.00645488	0.541133	-1.84798	0.65833	0.925738	-1.08022	0.734244	0.942631	-1.06086	0.417931	1.15433	1.15433	0.138644	0.758511	-1.31837	0.084183	0.718015	-1.39273	0.0228785	0.623722	-1.60328	0.435946	1.14775	1.14775	0.000482184	0.38703	-2.58378	6.07443	2.89212	0.423212	1
cg15165927	NKD2	0.0154557	0.502892	1.43592	1.43592	0.00630379	6.64066	6.64066	0.0365062	3.64502	3.64502	0.334815	0.58902	-1.69774	0.00750579	0.160226	-6.24117	0.0572309	0.318308	-3.14161	0.515032	1.42091	1.42091	0.161342	2.2166	2.2166	0.771284	0.85632	-1.16779	5.12961	23.0057	3.98657	1
cg18689289	NKD2	0.018356	0.688455	0.968027	-1.03303	0.542325	0.95149	-1.05098	0.00359549	0.727709	-1.37418	0.618227	1.04134	1.04134	0.00263342	1.39882	1.39882	0.840002	0.983834	-1.01643	0.290036	1.09257	1.09257	0.220992	0.901468	-1.1093	0.597459	1.0439	1.0439	4.84309	0.498589	0.0915098	1
cg21210962	NKD2	0.0197444	0.00313239	0.631346	-1.58392	0.456845	1.0901	1.0901	0.222987	0.864339	-1.15695	0.94244	0.991812	-1.00826	0.0201745	0.726873	-1.37576	0.392092	1.10498	1.10498	0.0491718	1.2913	1.2913	0.0333295	0.75339	-1.32733	0.35229	0.896749	-1.11514	4.72515	0.97008	0.18249	1
cg24129589	NKD2	0.027853	0.0130123	0.290223	-3.44562	0.13991	0.528535	-1.89202	0.0151439	0.301788	-3.31358	0.198732	0.579705	-1.72501	0.0146594	0.299278	-3.34137	0.136156	0.52483	-1.90538	0.0997873	0.484748	-2.06293	0.00600315	0.236569	-4.22709	0.0201589	0.324633	-3.0804	4.19555	10.71	2.26907	1
cg24756698	NKD2	0.0338761	0.0305243	0.361528	-2.76604	0.00451986	0.21993	-4.5469	0.00984572	0.270974	-3.69039	0.480195	0.750329	-1.33275	0.0885339	0.471396	-2.12136	0.0479377	0.404525	-2.47204	0.0387364	0.383649	-2.60655	0.390824	0.703336	-1.4218	0.0572656	0.422803	-2.36517	3.91299	9.92787	2.25525	1
cg13643764	NKD2	0.0342636	0.025443	0.207174	-4.82686	0.493266	0.662053	-1.51045	0.265484	0.50268	-1.98934	0.947549	1.03977	1.03977	0.00827443	0.135151	-7.39913	0.00965996	0.143554	-6.96603	0.731457	1.22653	1.22653	0.664069	1.29564	1.29564	0.0198742	0.188934	-5.29284	3.89697	21.6834	4.94594	1
cg01101522	NKD2	0.0449935	0.00162772	0.311384	-3.21147	0.573007	1.15857	1.15857	0.489216	0.833974	-1.19908	0.89389	1.03509	1.03509	0.0465319	0.554804	-1.80244	0.368524	0.787658	-1.26959	0.613681	0.876733	-1.1406	0.332784	1.29459	1.29459	0.130723	0.655898	-1.52463	3.52572	3.72929	0.940212	1
cg12916723	NKG7	4.95E-05	0.503334	0.922886	-1.08356	0.583764	1.06756	1.06756	3.65E-06	0.277643	-3.60174	0.000823499	0.551348	-1.81374	0.00693643	1.51104	1.51104	0.179536	1.18346	1.18346	0.0104332	1.46374	1.46374	0.802776	0.970864	-1.03001	0.00010384	0.444402	-2.25022	26.6935	5.90225	0.196544	1
cg10126923	NKG7	0.000172128	0.000442017	0.223422	-4.47583	0.0338907	0.512188	-1.95241	0.00166414	0.296671	-3.37074	0.00107082	0.271013	-3.68986	0.000191486	0.183149	-5.46004	0.118727	0.632876	-1.58009	1.05E-05	0.078554	-12.7301	0.00109713	0.272391	-3.67119	0.00289964	0.330886	-3.02219	19.133	22.113	1.02734	1
cg06486093	NKG7	0.0235926	0.00521355	0.117038	-8.5442	0.168977	0.426175	-2.34646	0.00790892	0.137728	-7.26069	0.283719	0.523003	-1.91203	0.704411	0.801059	-1.24835	0.235823	0.485286	-2.06064	0.00647778	0.127468	-7.84509	0.0332183	0.234877	-4.25754	0.0259716	0.214775	-4.65604	4.44565	23.8479	4.76828	1
cg10710412	NKG7	0.0238388	0.00763793	0.2003	-4.99251	0.209477	0.537846	-1.85927	0.0125505	0.233247	-4.2873	0.0187426	0.263027	-3.80188	0.0133837	0.237818	-4.20489	0.012392	0.232352	-4.30382	0.0612251	0.371977	-2.68834	0.0514394	0.353578	-2.82823	0.0795176	0.401512	-2.49058	4.42972	15.422	3.09466	1
cg01701634	NKG7	0.035607	0.003573	0.149855	-6.6731	0.619064	0.785812	-1.27257	0.178699	0.503044	-1.9879	0.0108129	0.214484	-4.66235	0.107364	0.429486	-2.32836	0.489926	1.40114	1.40114	0.398894	1.5149	1.5149	0.333808	0.619155	-1.6151	0.0661024	0.371046	-2.69508	3.84311	14.077	3.25593	1
cg23942604	NKG7;NKG7	0.00282287	0.456009	0.842384	-1.18711	0.861838	1.04014	1.04014	0.165152	0.715711	-1.39721	0.0799141	0.644682	-1.55115	0.422131	0.830897	-1.20352	0.0288202	1.7903	1.7903	0.0174601	1.92259	1.92259	0.000233951	0.251959	-3.9689	0.00884453	0.470997	-2.12316	8.71397	7.04392	0.718532	1
cg11233163	NKIRAS1	0.00411199	0.00612082	0.290133	-3.44669	0.843351	0.933856	-1.07083	0.566278	0.818296	-1.22205	0.325931	1.42024	1.42024	0.00248244	0.233503	-4.2826	0.239617	0.653168	-1.531	0.000453881	0.147899	-6.76135	0.317037	1.43013	1.43013	0.0150227	0.355603	-2.81213	7.78736	14.7554	1.68426	1
cg23019576	NKIRAS1	0.0481607	0.502898	0.755677	-1.32332	0.273557	0.625325	-1.59917	0.489446	1.3355	1.3355	0.725322	0.86472	-1.15644	0.0036075	0.197215	-5.07062	0.0548933	0.407777	-2.45232	0.0121377	0.27578	-3.62608	0.64948	0.828177	-1.20747	0.134334	0.514162	-1.94491	3.43662	9.24047	2.39006	1
cg17782025	NKIRAS1;RPL15	0.0168004	0.394873	0.923153	-1.08324	0.00887565	1.35742	1.35742	0.557292	1.05597	1.05597	0.298538	0.905856	-1.10393	0.184123	1.13801	1.13801	0.0278856	1.26926	1.26926	0.0091367	0.737978	-1.35505	0.187271	0.879634	-1.13684	0.0899358	1.1871	1.1871	4.98914	0.665304	0.118534	1
cg22361181	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.0148367	0.0183247	0.333336	-2.99997	0.0186369	0.334709	-2.98767	0.178844	0.578065	-1.72991	0.149399	0.552537	-1.80983	0.00309681	0.211557	-4.72685	0.664035	0.845597	-1.1826	0.00295737	0.208923	-4.78646	0.0135201	0.309411	-3.23194	0.0820282	0.477381	-2.09476	5.19947	12.1276	2.0733	1
cg19437626	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.0230068	0.0393133	0.492495	-2.03048	0.00359234	3.22604	3.22604	0.82192	1.06926	1.06926	0.261362	0.706147	-1.41614	0.0943642	0.579128	-1.72673	0.691604	0.88831	-1.12573	0.0156718	0.414822	-2.41067	0.786934	1.0838	1.0838	0.860561	1.05362	1.05362	4.4844	6.26665	1.24216	1
cg15673540	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.0264061	0.0196275	0.554242	-1.80427	0.983032	0.995558	-1.00446	0.675408	0.915618	-1.09216	0.539818	0.878156	-1.13875	0.0573122	0.63755	-1.5685	0.0431772	0.614506	-1.62732	0.00180324	0.394895	-2.53232	0.0617151	0.64372	-1.55347	0.0263613	0.576199	-1.73551	4.27484	2.96675	0.61689	1
cg06874016	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.041427	0.0119065	0.3712	-2.69397	0.349726	0.737918	-1.35516	0.233615	0.674165	-1.48332	0.143716	0.608959	-1.64215	0.00689742	0.331457	-3.01698	0.0181715	0.404321	-2.47328	0.0722438	0.530771	-1.88405	0.817526	0.929628	-1.0757	0.0306133	0.448424	-2.23003	3.63578	5.74032	1.40341	1
cg11239019	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.0178849	0.210317	1.29965	1.29965	0.0667942	1.50385	1.50385	0.364004	0.830927	-1.20348	0.235233	0.78114	-1.28018	0.613147	1.10652	1.10652	0.0956	0.695253	-1.43833	0.000907849	0.373376	-2.67826	0.347593	1.21169	1.21169	0.308487	0.81117	-1.23279	4.88565	3.05027	0.554962	1
cg18585988	NKPD1	0.000199127	0.653739	1.13516	1.13516	5.78E-06	17.5393	17.5393	0.875372	0.95689	-1.04505	0.0132091	2.36893	2.36893	0.199225	0.683289	-1.46351	0.0328829	2.01508	2.01508	0.0136037	0.42438	-2.35638	0.0144268	2.33157	2.33157	0.00169535	3.52204	3.52204	18.393	22.9628	1.10974	1
cg15661473	NKPD1	0.00179422	0.259668	0.651271	-1.53546	0.24311	1.5612	1.5612	0.0222201	0.368018	-2.71726	0.00157053	5.23962	5.23962	0.578524	0.814921	-1.22711	0.978147	1.01004	1.01004	0.0553416	0.452876	-2.20811	0.105058	1.90778	1.90778	0.000192734	9.86973	9.86973	9.95105	20.962	1.87245	1
cg27137955	NKPD1	0.00211104	0.0218606	0.670218	-1.49205	0.0372773	0.703555	-1.42135	0.00123445	0.503072	-1.98779	0.429465	0.889311	-1.12447	0.522465	0.91003	-1.09886	0.000398598	0.440586	-2.26971	0.0177229	0.657408	-1.52113	0.000319818	0.428601	-2.33317	0.330892	0.864227	-1.1571	9.49111	3.17985	0.297809	1
cg24899081	NKPD1	0.00265021	0.00325712	0.171913	-5.81691	0.285502	0.614553	-1.6272	0.0835636	0.431461	-2.31771	0.247289	0.58806	-1.70051	0.00107902	0.120199	-8.31951	0.301646	0.625203	-1.59948	0.000222406	0.0673384	-14.8504	0.00227392	0.153582	-6.51116	0.0999317	0.453288	-2.2061	8.87806	27.0851	2.71182	1
cg04344476	NKPD1	0.00542777	0.00379738	0.370094	-2.70202	0.294944	0.75841	-1.31855	0.101959	0.633979	-1.57734	0.299168	1.31515	1.31515	0.0100427	0.437246	-2.28704	0.115502	0.646868	-1.54591	0.00099926	0.288192	-3.46991	0.00176625	0.321766	-3.10784	0.297311	0.759511	-1.31664	7.15653	7.34647	0.91248	1
cg01969586	NKPD1	0.00898188	0.00853062	0.33395	-2.99446	0.00868961	0.33528	-2.98258	0.0285828	0.429969	-2.32575	0.761342	1.10466	1.10466	0.00925508	0.33985	-2.94248	0.00350351	0.274122	-3.64802	0.00792964	0.328725	-3.04206	0.0166438	0.384651	-2.59976	0.0624912	0.504056	-1.98391	6.11628	10.3432	1.50319	1
cg17428519	NKPD1	0.0234816	0.0102013	0.19491	-5.13056	0.0366708	0.293594	-3.40606	0.0734323	0.365079	-2.73913	0.12355	0.430804	-2.32124	0.010996	0.199775	-5.00562	0.202589	0.507069	-1.97212	0.00257099	0.12121	-8.25014	0.0499138	0.323401	-3.09213	0.0859099	0.383624	-2.60672	4.4529	17.9731	3.58779	1
cg21574675	NKPD1	0.0308517	0.0865653	0.783653	-1.27608	0.00437873	1.63245	1.63245	0.158264	1.21439	1.21439	0.111097	0.799694	-1.25048	0.23971	1.1718	1.1718	0.761824	0.96161	-1.03992	0.058838	0.759718	-1.31628	0.757692	1.04066	1.04066	0.258062	1.16414	1.16414	4.04634	1.06277	0.233467	1
cg10659052	NKRF	5.56E-07	5.97E-06	0.270856	-3.69199	1.20E-07	0.113913	-8.77863	2.59E-06	0.232484	-4.30137	0.143314	1.22413	1.22413	7.64E-08	0.10021	-9.97906	0.0366196	0.731786	-1.36652	0.795706	0.967188	-1.03392	0.503749	0.916454	-1.09116	0.0158168	0.683771	-1.46248	85.1711	22.3021	0.232756	1
cg13108472	NKRF	0.000653565	0.131775	1.43869	1.43869	0.00281191	0.398412	-2.50997	0.000133413	0.227521	-4.3952	0.308645	0.790108	-1.26565	0.0209879	0.537477	-1.86054	0.00187951	2.6793	2.6793	0.0476585	1.65927	1.65927	0.0561779	1.62181	1.62181	0.375429	0.815961	-1.22555	13.2633	10.5008	0.703749	1
cg08266027	NKRF	0.00134318	0.0125424	0.486006	-2.05759	0.231832	0.747224	-1.33829	0.633858	0.894491	-1.11795	0.0380582	0.571926	-1.74848	0.000644463	0.296224	-3.37582	0.671737	0.905701	-1.10412	0.000160021	0.223404	-4.47619	0.14859	1.43336	1.43336	0.00139179	0.340818	-2.93412	10.8173	9.25049	0.760138	1
cg22174410	NKTR	3.97E-06	3.96E-08	3.1189	3.1189	0.0172358	0.843945	-1.18491	0.664164	1.02587	1.02587	0.0113416	1.20367	1.20367	0.00644057	1.23021	1.23021	0.718791	0.979079	-1.02137	0.0450735	0.87419	-1.14392	0.439934	0.954988	-1.04713	0.0878162	1.11647	1.11647	51.5155	2.78963	0.0481345	1
cg17250947	NKTR	0.000826449	0.273798	1.06127	1.06127	0.00476519	1.21614	1.21614	0.409031	1.04508	1.04508	0.0580931	1.11834	1.11834	0.0298114	0.875024	-1.14283	0.000680221	0.762531	-1.31142	0.000224736	0.725786	-1.37782	0.111675	1.09468	1.09468	0.524987	1.03421	1.03421	12.4178	0.536236	0.0383847	1
cg26135722	NKTR	0.00146573	0.232743	1.12642	1.12642	0.36229	0.914772	-1.09317	0.71517	0.965735	-1.03548	0.409076	1.08364	1.08364	0.0385984	0.796187	-1.25599	0.0496498	0.808121	-1.23744	2.96E-05	0.45913	-2.17803	0.125847	1.17066	1.17066	0.277398	1.11345	1.11345	10.5495	1.51214	0.127411	1
cg04843801	NKTR	0.0124643	0.205752	0.787628	-1.26964	0.00430638	0.505264	-1.97916	0.649416	0.921412	-1.08529	0.675794	0.927538	-1.07812	0.011681	0.569175	-1.75693	0.161095	0.765141	-1.30695	0.0485204	0.668267	-1.49641	0.0569117	0.680212	-1.47013	0.000776252	0.402681	-2.48336	5.50517	2.78883	0.450297	1
cg25716846	NKTR	0.0155484	0.0988628	0.698987	-1.43064	0.608267	1.10773	1.10773	0.363201	1.20315	1.20315	0.345892	1.21181	1.21181	0.338694	0.82269	-1.21552	0.0203347	0.574924	-1.73936	0.000546859	0.34548	-2.89453	0.936378	1.01593	1.01593	0.371068	0.833794	-1.19934	5.11945	3.17567	0.551392	1
cg06953304	NKTR	0.034189	0.713889	1.09019	1.09019	0.0282192	1.83607	1.83607	0.00413065	2.46431	2.46431	0.58081	0.877395	-1.13974	0.0193227	1.94152	1.94152	0.104857	1.51535	1.51535	0.232438	0.745528	-1.34133	0.935431	1.01918	1.01918	0.214892	1.35821	1.35821	3.89966	3.39667	0.774236	1
cg14694085	NKTR	0.0369415	0.0993258	0.840833	-1.1893	0.97509	0.997008	-1.003	0.935658	0.992282	-1.00778	0.732632	1.03345	1.03345	0.0103556	1.36328	1.36328	0.287812	1.11171	1.11171	0.00771254	1.38885	1.38885	0.123287	0.851972	-1.17375	0.640268	0.95584	-1.0462	3.79205	0.553032	0.129635	1
cg08932440	NKX1-2	0.00268473	0.0174004	5.03095	5.03095	0.0182588	0.202189	-4.94587	0.0142033	5.40815	5.40815	0.232853	2.00974	2.00974	0.0107754	5.97396	5.97396	0.214978	2.07154	2.07154	0.000892633	0.0622899	-16.054	0.091014	2.82557	2.82557	0.326619	0.568324	-1.75956	8.8442	43.6065	4.38269	1
cg06299833	NKX1-2	0.0289074	0.0433777	5.30498	5.30498	0.0468678	5.12501	5.12501	0.0358759	5.7743	5.7743	0.141888	3.10881	3.10881	0.0164185	8.21721	8.21721	0.403846	1.84691	1.84691	0.0221085	0.13933	-7.17718	0.761146	1.2448	1.2448	0.541007	0.641168	-1.55965	4.14091	33.8309	7.26215	1
cg16019809	NKX1-2	0.0326408	0.861863	1.03064	1.03064	0.0670863	1.42702	1.42702	0.6846	0.93169	-1.07332	0.468847	0.880127	-1.1362	0.0101122	0.569951	-1.75454	0.383292	0.856502	-1.16754	0.0165152	0.602034	-1.66103	0.621455	1.09007	1.09007	0.0403319	1.50737	1.50737	3.9656	1.88536	0.422603	1
cg04327538	NKX1-2	0.0389137	0.0948501	2.37997	2.37997	0.379242	0.653056	-1.53126	0.290229	1.67947	1.67947	0.685394	0.824993	-1.21213	0.042584	3.01269	3.01269	0.876516	0.929182	-1.07622	0.00439416	0.165885	-6.02827	0.336792	0.626385	-1.59646	0.166664	0.49832	-2.00674	3.72061	13.1475	3.14108	1
cg08734600	NKX1-2	0.0394931	0.06323	3.6049	3.6049	0.181335	0.418553	-2.38918	0.0583523	3.71705	3.71705	0.224949	2.18646	2.18646	0.030863	4.73966	4.73966	0.168819	2.45928	2.45928	0.0341552	0.219328	-4.55938	0.06806	3.50492	3.50492	0.395969	1.70497	1.70497	3.70046	22.0782	5.30341	1
cg08315174	NKX2-1	0.0123115	0.0550371	2.68162	2.68162	0.645439	1.23377	1.23377	0.00967425	4.41254	4.41254	0.931038	0.961514	-1.04003	0.414968	0.685349	-1.45911	0.692834	0.835253	-1.19724	0.375762	0.662209	-1.5101	0.000540565	11.4663	11.4663	0.207045	1.82823	1.82823	5.5273	17.9983	2.89444	1
cg25996119	NKX2-1	0.0176092	0.556892	1.33021	1.33021	0.0228457	3.69857	3.69857	0.0147464	4.22611	4.22611	0.406353	0.665015	-1.50372	0.876003	0.927752	-1.07787	0.65609	0.806341	-1.24017	0.588454	0.769239	-1.29999	0.000939909	10.6959	10.6959	0.470125	1.42316	1.42316	4.91121	17.9396	3.24691	1
cg13980454	NKX2-1;NKX2-1	2.15E-06	0.000247059	2.32526	2.32526	1.30E-05	3.58428	3.58428	7.83E-06	3.91938	3.91938	0.460727	1.11037	1.11037	0.427843	0.893281	-1.11947	0.341001	0.872151	-1.14659	0.0151562	0.659716	-1.5158	8.10E-08	11.8905	11.8905	0.820973	1.0321	1.0321	60.2705	18.5521	0.273612	1
cg12103037	NKX2-1;NKX2-1	3.35E-06	0.000209457	5.83698	5.83698	0.17241	1.51156	1.51156	0.508271	0.826203	-1.21036	0.0221785	0.458378	-2.18161	2.52E-06	0.0392243	-25.4944	6.44E-07	0.0208603	-47.9379	0.000110959	0.14454	-6.91852	0.00206493	3.436	3.436	0.0446236	1.92689	1.92689	53.7897	68.9403	1.13926	1
cg14290904	NKX2-1;NKX2-1	1.86E-05	0.833105	0.966134	-1.03505	0.762787	0.951778	-1.05066	0.696683	1.06605	1.06605	0.591585	0.915367	-1.09246	0.64056	0.926096	-1.0798	0.0301717	0.659539	-1.51621	0.113168	0.754665	-1.32509	1.81E-07	13.6737	13.6737	0.0524603	1.4334	1.4334	34.5141	14.5716	0.375282	1
cg05295557	NKX2-1;NKX2-1	2.75E-05	0.915003	1.03143	1.03143	0.861624	1.05188	1.05188	0.587696	1.17198	1.17198	0.785393	1.08234	1.08234	0.735522	0.906389	-1.10328	0.347405	0.755419	-1.32377	1.64E-06	0.0304277	-32.8648	9.63E-06	15.8414	15.8414	0.630498	0.868917	-1.15086	31.1554	41.4692	1.18315	1
cg13600489	NKX2-1;NKX2-1	3.62E-05	0.283284	1.19489	1.19489	0.47903	1.1218	1.1218	0.793771	0.95902	-1.04273	0.00218137	1.98695	1.98695	0.226222	0.816317	-1.22501	0.364599	1.16044	1.16044	0.0012102	0.46914	-2.13156	6.25E-07	8.85649	8.85649	0.0840379	1.35706	1.35706	28.9818	11.7087	0.359114	1
cg01652665	NKX2-1;NKX2-1	6.28E-05	0.0146608	1.32861	1.32861	0.0633088	1.21833	1.21833	0.0345202	1.26252	1.26252	0.317957	0.907005	-1.10253	0.708833	0.965152	-1.03611	0.0134202	0.74864	-1.33575	8.86E-05	0.514858	-1.94228	5.65E-06	2.63169	2.63169	0.00741963	1.38557	1.38557	25.0571	3.54831	0.125875	1
cg16790794	NKX2-1;NKX2-1	0.000180883	0.794715	0.941386	-1.06226	5.11E-05	5.79782	5.79782	0.00292094	2.5784	2.5784	0.277351	0.769745	-1.29913	0.340877	0.796639	-1.25527	0.000218945	4.16729	4.16729	0.807692	0.945077	-1.05811	4.74E-05	5.90562	5.90562	0.779938	1.06703	1.06703	18.878	16.043	0.755401	1
cg07115542	NKX2-1;NKX2-1	0.000434126	0.630369	1.15467	1.15467	0.707615	0.89426	-1.11824	0.767042	1.09212	1.09212	0.5083	0.819507	-1.22025	0.954282	1.01715	1.01715	0.344406	1.33493	1.33493	0.050105	0.515522	-1.93978	4.71E-06	22.4129	22.4129	0.588088	0.85027	-1.1761	14.8606	20.7074	1.23862	1
cg04347874	NKX2-1;NKX2-1	0.00412047	0.0162813	2.59802	2.59802	0.78923	0.916615	-1.09097	0.156034	1.63753	1.63753	0.092371	1.82571	1.82571	0.123986	0.581954	-1.71835	0.411347	1.31389	1.31389	0.135841	0.593134	-1.68596	0.000122671	8.8292	8.8292	0.412784	1.31274	1.31274	7.78252	13.0173	1.48679	1
cg23906738	NKX2-1;NKX2-1	0.00662323	0.958291	1.02746	1.02746	0.082295	2.71053	2.71053	0.0828276	2.70487	2.70487	0.48447	0.692076	-1.44493	0.221405	0.513825	-1.94619	0.428929	0.658139	-1.51944	?	?	?	0.000188486	26.1221	26.1221	0.561196	1.35577	1.35577	6.87066	25.9589	3.77822	1
cg12220493	NKX2-1;NKX2-1	0.00749184	0.893028	0.97881	-1.02165	0.364586	1.15987	1.15987	0.347447	1.16649	1.16649	0.0102091	0.597171	-1.67456	0.306865	1.1834	1.1834	0.887667	1.02275	1.02275	0.00183257	0.494273	-2.02318	0.0167776	1.59142	1.59142	0.0206334	1.55856	1.55856	6.47622	2.59914	0.356743	1
cg10999312	NKX2-1;NKX2-1	0.0130276	0.0917141	3.40508	3.40508	0.727623	0.793954	-1.25952	0.0761621	3.67695	3.67695	0.0246511	5.84523	5.84523	0.00122151	0.0440555	-22.6986	0.726486	1.26079	1.26079	?	?	?	0.420612	1.72105	1.72105	0.748915	1.23603	1.23603	5.53143	33.9081	6.13007	1
cg20916066	NKX2-1;NKX2-1	0.0446042	0.228426	0.833277	-1.20008	0.555954	0.917655	-1.08973	0.0689233	1.34137	1.34137	0.014875	1.54066	1.54066	0.0567137	1.36505	1.36505	0.287785	1.17262	1.17262	0.0726989	1.33495	1.33495	0.0181684	1.51259	1.51259	0.0976143	1.29984	1.29984	3.5372	1.16622	0.293068	1
cg14867569	NKX2-1;NKX2-1	0.0478664	0.569551	1.15973	1.15973	0.0746736	1.66847	1.66847	0.143236	0.666592	-1.50017	0.451878	0.820695	-1.21848	0.935227	0.979262	-1.02118	0.131226	0.656972	-1.52214	0.0650986	1.70567	1.70567	0.0241954	1.99943	1.99943	0.0292734	1.93886	1.93886	3.4446	3.62624	0.935764	1
cg23493031	NKX2-1;NKX2-1;NKX2-1	0.00183996	0.0117734	0.710682	-1.4071	0.140453	0.841852	-1.18786	0.0406884	1.29244	1.29244	0.417364	1.09415	1.09415	0.0013614	1.65648	1.65648	0.00415233	0.658946	-1.51757	0.0667233	0.799981	-1.25003	0.129583	1.19456	1.19456	0.00524462	1.49141	1.49141	9.87864	1.84383	0.16591	1
cg01782227	NKX2-1;NKX2-1;NKX2-1	0.0108242	0.361892	1.72562	1.72562	0.384115	1.6812	1.6812	0.144556	2.49012	2.49012	0.106083	2.79406	2.79406	0.44895	1.56704	1.56704	0.450068	1.56524	1.56524	0.0653897	3.3336	3.3336	0.000155145	43.455	43.455	0.0264796	4.62526	4.62526	5.76233	30.9283	4.77095	1
cg11108269	NKX2-1;NKX2-1;NKX2-1	0.0185983	0.931536	1.02825	1.02825	0.785951	0.915523	-1.09227	0.946077	1.02217	1.02217	0.739118	0.897302	-1.11445	0.618668	1.17668	1.17668	0.978214	0.991185	-1.00889	0.615952	1.17819	1.17819	0.000249667	7.09558	7.09558	0.30219	0.70712	-1.41419	4.82173	8.02797	1.47996	1
cg21977377	NKX2-2	1.06E-05	0.116501	0.561452	-1.7811	3.15E-05	15.5801	15.5801	9.58E-06	25.2129	25.2129	0.0291923	2.38627	2.38627	0.00563975	0.292447	-3.41942	1.46E-05	21.0858	21.0858	0.49593	0.791373	-1.26363	1.07E-05	24.0182	24.0182	0.0424649	0.4535	-2.20507	39.9415	72.4567	1.61251	1
cg22474464	NKX2-2	4.41E-05	0.535922	0.770179	-1.2984	0.016147	3.53937	3.53937	0.000104979	23.0908	23.0908	0.604569	0.804524	-1.24297	0.0605626	0.407971	-2.45115	3.89E-05	38.9354	38.9354	0.0010845	0.11771	-8.49549	7.29E-06	111.843	111.843	0.871385	0.934841	-1.0697	36.9891	99.1491	2.08483	1
cg16390060	NKX2-2	0.000112908	0.10076	0.753034	-1.32796	0.0253555	0.657427	-1.52108	1.57E-05	4.08621	4.08621	0.966151	1.00672	1.00672	0.60938	1.08472	1.08472	0.0449753	1.43772	1.43772	0.314208	0.848543	-1.17849	1.86E-05	3.95674	3.95674	0.277275	0.836694	-1.19518	21.4324	8.45177	0.350529	1
cg23114866	NKX2-2	0.00181279	0.742915	1.04535	1.04535	0.158112	0.816009	-1.22548	2.41E-05	3.10747	3.10747	0.0288584	1.41516	1.41516	0.179778	1.21164	1.21164	0.32638	1.14629	1.14629	0.505724	0.913027	-1.09526	0.553843	1.08404	1.08404	0.172472	1.21611	1.21611	9.92139	2.85297	0.255607	1
cg22265644	NKX2-2	0.00236268	0.0596201	1.34282	1.34282	0.871161	1.02276	1.02276	7.00E-05	2.73617	2.73617	0.459866	1.10998	1.10998	0.471553	0.903434	-1.10689	0.288638	1.16503	1.16503	0.013279	0.653454	-1.53033	0.0297491	1.42577	1.42577	0.223534	1.19403	1.19403	9.18328	2.79665	0.2707	1
cg03133868	NKX2-2	0.00624403	0.120895	0.566412	-1.7655	0.0848841	0.525217	-1.90397	0.823025	0.92709	-1.07864	0.520246	0.802305	-1.24641	0.104392	0.548846	-1.82201	0.00106494	5.12847	5.12847	0.109769	1.80253	1.80253	0.00296722	3.96741	3.96741	0.514494	1.25032	1.25032	6.85418	12.3987	1.60793	1
cg11651285	NKX2-2	0.00664117	0.588964	0.887545	-1.1267	0.184256	1.3607	1.3607	0.0189261	1.86181	1.86181	0.281197	1.27753	1.27753	0.00179411	0.378531	-2.64179	0.0846542	1.51747	1.51747	0.00398262	0.42889	-2.3316	0.30907	0.794371	-1.25886	0.390758	0.825055	-1.21204	6.72436	5.0929	0.673227	1
cg14506196	NKX2-3	5.69E-05	0.071383	0.602915	-1.65861	0.431962	1.22326	1.22326	0.867166	1.04296	1.04296	0.491949	1.1917	1.1917	0.161297	0.686673	-1.4563	0.434269	0.818343	-1.22198	0.189753	0.705394	-1.41765	5.66E-07	32.3274	32.3274	0.484574	1.1954	1.1954	25.7235	25.7226	0.888856	1
cg05949800	NKX2-3	0.00011967	0.237102	0.808142	-1.23741	0.0810812	1.39462	1.39462	0.882227	1.02582	1.02582	0.00254168	2.05507	2.05507	0.620206	0.917675	-1.08971	0.259665	0.816913	-1.22412	0.00028251	0.360419	-2.77455	5.76E-06	5.78688	5.78688	0.900336	1.02178	1.02178	21.1007	9.88421	0.416383	1
cg09788492	NKX2-3	0.000123888	0.0135155	0.486629	-2.05495	0.0073827	0.443377	-2.25542	0.65455	0.899324	-1.11195	0.06361	0.611801	-1.63452	0.533709	0.861994	-1.1601	0.0333146	0.55652	-1.79688	0.000225819	4.24229	4.24229	1.01E-05	9.29599	9.29599	0.516197	1.16777	1.16777	20.9053	18.379	0.781469	1
cg04691173	NKX2-3	0.000294872	0.865086	1.03982	1.03982	0.0116996	0.485175	-2.06111	0.625278	0.893144	-1.11964	0.284401	0.774672	-1.29087	0.124756	0.682795	-1.46457	0.104304	0.665182	-1.50335	0.0148803	0.502724	-1.98916	6.85E-06	9.87664	9.87664	0.854468	0.95872	-1.04306	16.5279	13.7986	0.742104	1
cg05432973	NKX2-3	0.000326591	0.0766371	0.732287	-1.36558	0.000298849	0.394159	-2.53705	0.202635	0.808306	-1.23715	0.0361015	0.680016	-1.47055	0.021868	0.647098	-1.54536	0.0261785	0.658773	-1.51797	0.00729812	0.578456	-1.72874	6.78E-05	3.16928	3.16928	0.0893093	1.34504	1.34504	16.0718	6.37181	0.352408	1
cg22778788	NKX2-3	0.000447808	0.00716538	2.49188	2.49188	0.924866	0.9755	-1.02512	0.917764	0.973206	-1.02753	0.176714	0.685474	-1.45884	9.95E-05	0.162664	-6.14766	0.380009	0.789137	-1.26721	0.000298795	4.69953	4.69953	0.00382704	2.78794	2.78794	0.61735	0.875938	-1.14163	14.7336	16.1371	0.973559	1
cg17811778	NKX2-3	0.00093386	0.0172557	2.01481	2.01481	0.252853	0.749455	-1.3343	0.00199639	2.86843	2.86843	0.82254	0.947199	-1.05574	0.0147991	0.484723	-2.06304	0.0255406	0.526884	-1.89795	0.00249295	0.362479	-2.75878	0.000746274	3.44115	3.44115	0.116324	1.50999	1.50999	11.9968	11.0801	0.820968	1
cg19229344	NKX2-3	0.00151322	0.00372321	9.45729	9.45729	0.894985	0.927065	-1.07867	0.000432155	24.3446	24.3446	0.766979	0.843322	-1.18579	0.100688	0.356629	-2.80403	0.951065	0.965419	-1.03582	0.0235968	0.212227	-4.71194	0.000953325	16.8337	16.8337	0.192913	0.453769	-2.20377	10.4531	54.4404	4.62938	1
cg02030034	NKX2-3	0.00227131	0.00400128	0.548941	-1.82169	0.00377467	0.545502	-1.83317	0.0257285	0.663164	-1.50792	0.0190366	0.64394	-1.55294	0.00323275	0.53639	-1.86432	0.0123738	0.61703	-1.62067	0.339499	0.85843	-1.16492	0.00525951	1.7694	1.7694	0.01584	0.63238	-1.58133	9.29011	3.53763	0.338484	1
cg04975330	NKX2-3	0.00236963	0.442632	0.845643	-1.18253	0.19605	1.34019	1.34019	0.204424	1.33218	1.33218	0.887922	0.97025	-1.03066	0.105621	0.684814	-1.46025	0.334624	0.808064	-1.23753	0.0299913	0.578815	-1.72767	6.29E-05	4.84524	4.84524	0.167168	1.37078	1.37078	9.17536	6.6656	0.645748	1
cg24255756	NKX2-3	0.00461993	0.0383723	0.537225	-1.86142	0.0346635	1.89215	1.89215	0.313681	0.763508	-1.30974	0.0324106	0.5228	-1.91278	0.206228	0.708042	-1.41235	0.340955	0.775606	-1.28931	0.00166653	0.312072	-3.20439	0.0674251	1.70002	1.70002	0.00706725	2.46317	2.46317	7.51744	7.98346	0.943992	1
cg03609639	NKX2-3	0.00558649	0.0201528	0.40087	-2.49457	0.000365845	0.155352	-6.43702	0.491071	0.796016	-1.25626	0.11128	0.567898	-1.76088	0.595577	0.839686	-1.19092	0.292618	1.42778	1.42778	0.00225216	0.247927	-4.03345	0.0264891	0.423993	-2.35853	0.0706898	0.517477	-1.93245	7.09348	11.9523	1.49775	1
cg09956859	NKX2-3	0.0159012	0.149689	1.83453	1.83453	0.00022836	11.0851	11.0851	0.725604	0.870722	-1.14847	0.598142	1.23238	1.23238	0.994268	1.00283	1.00283	0.820316	0.914501	-1.09349	0.836505	0.922029	-1.08456	0.151195	1.82986	1.82986	0.769038	0.890766	-1.12263	5.08145	12.4203	2.17267	1
cg13754259	NKX2-3	0.0170168	0.0675908	2.18618	2.18618	0.0399743	0.403808	-2.47642	0.193059	0.590883	-1.69238	0.523153	0.781005	-1.2804	0.00641458	0.258084	-3.87471	0.0054808	0.24783	-4.03502	0.0633267	0.450386	-2.22032	0.382787	1.40758	1.40758	0.0947266	0.495849	-2.01674	4.96784	11.4794	2.054	1
cg27147819	NKX2-4	3.73E-06	0.00361744	0.630727	-1.58547	0.907167	1.01375	1.01375	0.0787659	0.795753	-1.25667	0.83122	1.02529	1.02529	0.394968	1.10734	1.10734	0.811784	0.972469	-1.02831	0.00087191	0.557432	-1.79394	5.35E-08	8.94601	8.94601	0.00973529	1.46616	1.46616	52.3441	11.354	0.19281	1
cg20049415	NKX2-4	2.28E-05	0.0938751	0.653527	-1.53016	0.530351	1.15809	1.15809	0.556434	0.871659	-1.14724	0.276217	0.769872	-1.29892	0.221451	0.743222	-1.34549	0.0585496	0.610515	-1.63796	0.0221919	0.530948	-1.88342	2.96E-07	32.251	32.251	0.0193591	1.92129	1.92129	32.7474	27.6532	0.750613	1
cg01798261	NKX2-4	3.44E-05	0.000502427	2.67418	2.67418	0.18559	0.775864	-1.28889	0.465453	1.14374	1.14374	0.265242	1.23357	1.23357	0.0448591	0.659499	-1.5163	0.401569	0.856224	-1.16792	0.000535373	0.377526	-2.64882	1.10E-06	9.92231	9.92231	0.555752	1.11376	1.11376	29.3924	15.2165	0.46018	1
cg22204479	NKX2-4	3.55E-05	0.790221	1.04596	1.04596	0.0976781	0.736182	-1.35836	0.173991	1.27605	1.27605	3.35E-05	3.87942	3.87942	0.000371497	0.382897	-2.61167	0.0331938	1.5214	1.5214	0.00169053	0.469454	-2.13013	7.29E-06	5.29672	5.29672	0.122697	1.32565	1.32565	29.1493	13.115	0.399933	1
cg07247419	NKX2-4	0.000662115	0.109958	0.691225	-1.44671	0.655858	0.90931	-1.09974	0.954871	0.988077	-1.01207	0.487225	0.861044	-1.16138	0.0191264	0.548248	-1.82399	0.193482	0.747032	-1.33863	0.00508842	0.456208	-2.19198	2.35E-05	5.98765	5.98765	0.188639	1.34343	1.34343	13.2152	9.40296	0.632467	1
cg21200656	NKX2-4	0.000743644	0.67206	1.13364	1.13364	0.826693	1.06673	1.06673	0.857564	1.05435	1.05435	0.780411	0.920966	-1.08582	0.128052	0.615902	-1.62364	0.300971	0.729256	-1.37126	0.151885	0.6362	-1.57183	1.51E-05	14.054	14.054	0.00402316	3.12166	3.12166	12.7921	17.5827	1.22177	1
cg17398677	NKX2-4	0.00206358	0.913936	1.01628	1.01628	0.0662348	1.36028	1.36028	0.0574562	1.37836	1.37836	0.637031	0.931479	-1.07356	0.717269	0.94714	-1.05581	0.108132	1.29924	1.29924	0.601158	1.08195	1.08195	2.29E-05	3.54469	3.54469	0.205941	1.22049	1.22049	9.55432	3.37487	0.313982	1
cg26156448	NKX2-4	0.00680529	0.416254	1.28687	1.28687	0.65965	1.144	1.144	0.717969	1.11639	1.11639	0.0034107	3.34669	3.34669	0.0638798	0.531391	-1.88185	0.794274	0.923737	-1.08256	0.205351	0.666581	-1.50019	0.000468136	5.30917	5.30917	0.209322	1.49434	1.49434	6.67351	9.73918	1.29723	1
cg18736063	NKX2-4	0.00865171	0.0455983	0.558129	-1.7917	0.846954	0.952031	-1.05039	0.80003	1.0667	1.0667	0.108709	0.640768	-1.56063	0.0435965	0.554184	-1.80445	0.110835	1.55576	1.55576	0.320562	0.770201	-1.29836	0.000526406	3.95212	3.95212	0.815889	0.94239	-1.06113	6.1893	6.3443	0.91115	1
cg05310249	NKX2-6	2.99E-05	0.9661	1.00725	1.00725	0.104233	0.739549	-1.35218	1.20E-05	4.81295	4.81295	0.220533	0.803486	-1.24458	0.793357	1.0456	1.0456	0.720414	0.940776	-1.06295	0.831801	0.964515	-1.03679	1.12E-06	8.59813	8.59813	0.0474007	1.47006	1.47006	30.4932	13.9358	0.406234	1
cg16544169	NKX2-6	9.91E-05	0.427623	1.18013	1.18013	0.183873	1.33416	1.33416	0.000118044	3.96762	3.96762	0.00684859	2.04661	2.04661	0.544548	0.882128	-1.13362	0.871153	0.96735	-1.03375	0.00388561	2.21479	2.21479	2.35E-06	10.4842	10.4842	0.00534468	2.11774	2.11774	22.1933	14.6992	0.588737	1
cg14451926	NKX2-6	0.000140939	0.590003	1.14232	1.14232	3.97E-06	13.7853	13.7853	0.00758115	2.31662	2.31662	0.357943	0.793544	-1.26017	0.0698414	1.64197	1.64197	0.50229	0.846577	-1.18123	0.846087	0.953575	-1.04869	8.98E-05	5.55212	5.55212	0.398087	1.2357	1.2357	20.193	19.1357	0.842349	1
cg03694713	NKX2-6	0.000162986	0.746264	0.91306	-1.09522	0.935175	0.977468	-1.02305	0.092379	1.6802	1.6802	0.146889	1.54673	1.54673	0.187876	0.67641	-1.47839	0.328139	1.3268	1.3268	0.783824	0.925852	-1.08009	1.40E-06	31.3932	31.3932	0.389871	1.27998	1.27998	19.4171	24.1354	1.10489	1
cg10345920	NKX2-6	0.000531454	0.649231	1.13414	1.13414	0.000498273	4.47054	4.47054	0.351813	1.30135	1.30135	0.762727	0.920134	-1.0868	0.446665	0.807973	-1.23766	0.44418	0.806994	-1.23917	0.808752	0.935514	-1.06893	1.18E-05	12.7855	12.7855	0.165963	1.50097	1.50097	14.0505	16.8164	1.06387	1
cg03749016	NKX2-6	0.000917953	0.600136	0.872803	-1.14573	0.337067	1.2899	1.2899	0.798766	1.06791	1.06791	0.531574	0.8496	-1.17702	0.996372	0.998831	-1.00117	0.723244	0.912604	-1.09577	0.290473	0.754149	-1.326	9.65E-06	11.5946	11.5946	0.0906649	1.61517	1.61517	12.0552	12.6306	0.931313	1
cg03330710	NKX2-6	0.000979902	0.0880239	1.36277	1.36277	0.961077	1.00806	1.00806	0.877427	0.974944	-1.0257	0.132971	1.3054	1.3054	0.0775122	0.724256	-1.38073	0.0435252	0.682754	-1.46466	0.245178	0.818849	-1.22123	1.91E-05	4.16971	4.16971	0.888684	0.977238	-1.02329	11.8344	5.06629	0.380531	1
cg10603004	NKX2-6	0.00139235	0.690105	0.856786	-1.16715	0.127816	1.88694	1.88694	0.0476992	2.39474	2.39474	0.355779	1.44244	1.44244	0.246515	0.626645	-1.5958	0.923178	1.0379	1.0379	0.875078	0.941128	-1.06255	1.57E-05	31.1925	31.1925	0.302399	1.50988	1.50988	10.7063	25.221	2.09396	1
cg13021619	NKX2-6	0.0128056	0.68332	1.22659	1.22659	0.683831	0.815554	-1.22616	0.0218034	3.93867	3.93867	0.990902	1.00569	1.00569	0.57585	0.754679	-1.32507	0.222312	0.527992	-1.89397	0.702929	0.826292	-1.21023	0.000419935	16.1873	16.1873	0.0767106	2.66544	2.66544	5.45691	21.431	3.49095	1
cg13324546	NKX2-6	0.0155448	0.178104	3.94147	3.94147	0.393101	0.432334	-2.31303	0.0123018	19.8531	19.8531	0.854886	1.19182	1.19182	0.0615904	0.132891	-7.52495	0.764534	0.749808	-1.33367	0.755635	1.34883	1.34883	0.000938908	113.389	113.389	0.535352	1.8252	1.8252	5.11984	74.5008	12.9346	1
cg14428146	NKX2-6	0.0167151	0.560427	0.65975	-1.51573	0.423229	1.78219	1.78219	0.461916	0.718322	-1.39213	0.877206	1.11542	1.11542	0.23182	0.412338	-2.4252	0.798854	1.19769	1.19769	0.764597	0.80884	-1.23634	0.000286314	65.5992	65.5992	0.190514	2.66264	2.66264	4.99763	39.5016	7.02583	1
cg22747746	NKX2-6	0.0202186	0.76695	0.77594	-1.28876	0.901328	0.899539	-1.11168	0.930979	1.07674	1.07674	0.0549794	6.4073	6.4073	0.550111	0.596848	-1.67547	0.785431	0.792209	-1.26229	0.132814	3.99197	3.99197	0.00040141	122.132	122.132	0.517231	1.75147	1.75147	4.68721	54.0849	10.2567	1
cg05477514	NKX2-6	0.0282468	0.630901	1.40234	1.40234	0.56001	1.50933	1.50933	0.087891	3.72727	3.72727	0.749047	1.2513	1.2513	0.836673	1.1551	1.1551	0.24354	2.34511	2.34511	0.00517051	13.1801	13.1801	0.00120648	27.4319	27.4319	0.588964	1.46383	1.46383	4.17485	32.2606	6.86878	1
cg04434896	NKX2-6	0.0468439	0.0875178	2.0712	2.0712	0.0841567	0.478133	-2.09147	0.258849	0.637173	-1.56943	0.134804	1.85894	1.85894	0.679502	0.853809	-1.17122	0.0551026	0.430368	-2.32359	0.067297	0.452299	-2.21093	0.0267906	2.7856	2.7856	0.866195	1.06621	1.06621	3.77555	8.45777	1.74233	1
cg03495753	NKX2-6	0.0469772	0.782483	1.1376	1.1376	0.69751	1.19955	1.19955	0.397831	1.49671	1.49671	0.38612	1.51266	1.51266	0.868868	0.925919	-1.08001	?	?	?	0.00140911	0.116077	-8.615	0.355844	0.642485	-1.55646	0.639063	1.24614	1.24614	3.52118	10.7566	3.05483	1
cg03036373	NKX2-8	1.22E-06	0.00906519	1.34017	1.34017	0.933649	1.00738	1.00738	0.339199	0.916703	-1.09087	0.000311792	1.6757	1.6757	0.0133429	0.762903	-1.31078	0.000170322	1.75824	1.75824	0.000128478	0.555552	-1.80001	2.49E-08	6.18394	6.18394	0.0126074	1.31502	1.31502	69.7281	8.60778	0.109731	1
cg18396984	NKX2-8	1.44E-05	0.181267	0.731512	-1.36703	0.448318	1.18556	1.18556	0.884263	0.968423	-1.03261	0.15133	0.712704	-1.40311	0.312482	1.25879	1.25879	0.463801	1.17852	1.17852	0.648369	1.10643	1.10643	1.32E-05	7.47673	7.47673	3.17E-07	26.7019	26.7019	36.8899	28.3509	0.683136	1
cg08081845	NKX2-8	1.54E-05	0.0330139	1.33416	1.33416	0.0125431	0.698322	-1.432	0.39127	0.903411	-1.10692	0.0325841	1.33542	1.33542	0.633209	1.05717	1.05717	0.163405	1.18769	1.18769	0.0179936	1.39429	1.39429	5.28E-06	3.30033	3.30033	6.44E-07	4.82207	4.82207	36.2715	7.68204	0.18826	1
cg10530851	NKX2-8	1.80E-05	0.37795	1.28847	1.28847	3.27E-06	21.813	21.813	0.196337	1.46634	1.46634	0.256269	0.717485	-1.39376	0.0232816	0.467801	-2.13766	0.0169878	0.442403	-2.26038	0.0129417	2.37337	2.37337	1.82E-06	27.8875	27.8875	0.104704	1.6435	1.6435	34.8032	43.2673	1.10507	1
cg20008148	NKX2-8	2.52E-05	0.906461	0.97881	-1.02165	0.522913	1.12521	1.12521	0.384987	0.850199	-1.17619	0.323221	1.20431	1.20431	0.313102	0.826875	-1.20937	0.400722	1.16967	1.16967	0.345082	0.837626	-1.19385	6.50E-06	6.23478	6.23478	1.01E-06	10.3465	10.3465	31.8816	16.7624	0.467352	1
cg23676577	NKX2-8	7.56E-05	0.517512	0.905899	-1.10388	0.343672	0.863361	-1.15826	0.652874	1.07057	1.07057	0.253272	0.835513	-1.19687	0.644989	0.93251	-1.07237	0.0550057	1.38779	1.38779	0.193623	0.812882	-1.23019	0.000621661	2.21005	2.21005	1.19E-06	6.63175	6.63175	23.8522	8.56962	0.31936	1
cg17929068	NKX2-8	0.000584211	0.15591	0.616568	-1.62188	0.0505691	0.49178	-2.03343	0.99258	0.997042	-1.00297	0.796858	0.921115	-1.08564	0.0250419	0.427766	-2.33773	0.198751	1.54125	1.54125	0.000891226	0.204903	-4.88035	0.00795304	2.95623	2.95623	7.58E-05	9.83729	9.83729	13.6852	21.9928	1.42849	1
cg26206196	NKX2-8	0.000676164	0.731546	1.09011	1.09011	0.0207602	2.00867	2.00867	0.500359	1.18695	1.18695	0.423656	0.814858	-1.22721	0.0741742	0.607426	-1.64629	0.916278	1.0267	1.0267	0.00201909	0.335804	-2.97793	0.000732856	3.61765	3.61765	0.000114174	5.45532	5.45532	13.1378	13.0617	0.883737	1
cg06621744	NKX2-8	0.00101449	0.138337	0.650021	-1.53841	0.134177	0.646582	-1.54659	0.026775	2.03067	2.03067	0.0666769	0.574017	-1.74211	0.0633149	0.569048	-1.75732	0.559049	1.17293	1.17293	0.00457173	0.360819	-2.77147	0.292805	1.34263	1.34263	6.97E-05	7.10524	7.10524	11.7186	13.5267	1.02604	1
cg23705938	NKX2-8	0.00245376	0.298256	0.679104	-1.47253	0.14111	0.566619	-1.76485	0.243488	0.645326	-1.5496	0.731044	0.88352	-1.13184	0.0887547	0.509757	-1.96172	0.436479	0.752077	-1.32965	0.0632148	0.472422	-2.11675	0.0279444	2.53992	2.53992	9.32E-05	12.2025	12.2025	9.08178	18.528	1.81345	1
cg00456637	NKX2-8	0.00531082	0.720165	1.11954	1.11954	0.00874666	2.85316	2.85316	0.0164118	2.51085	2.51085	0.661765	0.870938	-1.14819	0.948024	1.02067	1.02067	0.000823533	4.86345	4.86345	0.939092	0.976297	-1.02428	0.000903594	4.75278	4.75278	0.528816	1.22176	1.22176	7.20448	11.2433	1.38719	1
cg00680572	NKX2-8	0.00973052	0.625693	0.946692	-1.05631	0.00393609	1.54079	1.54079	0.795365	0.971453	-1.02939	0.937659	0.991321	-1.00875	0.0258479	0.744641	-1.34293	0.224445	0.867448	-1.15281	0.00165687	0.60555	-1.65139	0.797187	1.02911	1.02911	0.200009	1.16284	1.16284	5.96243	1.17263	0.174817	1
cg10561835	NKX2-8	0.0121975	0.470247	1.31443	1.31443	0.00135761	5.64711	5.64711	0.589012	1.22509	1.22509	0.740604	1.13162	1.13162	0.233797	1.59136	1.59136	0.438472	0.745178	-1.34196	0.00561467	0.258406	-3.86987	0.0365199	2.47075	2.47075	0.534839	1.26356	1.26356	5.54404	12.1635	1.95021	1
cg17333109	NKX2-8	0.0192913	0.604939	1.21895	1.21895	0.0327799	2.57931	2.57931	0.0584042	2.25093	2.25093	0.482934	1.31065	1.31065	0.396728	0.719468	-1.38991	0.00616562	3.87831	3.87831	0.229727	0.61995	-1.61303	0.00269553	4.82115	4.82115	0.701963	1.15705	1.15705	4.76248	10.8565	2.02631	1
cg14165308	NKX2-8;NKX2-8	4.10E-05	0.215509	1.22744	1.22744	0.0440487	1.43868	1.43868	0.732129	1.0555	1.0555	0.238444	1.21423	1.21423	0.625542	1.08038	1.08038	0.336006	0.8556	-1.16877	0.0183203	0.637595	-1.56839	3.88E-07	9.81176	9.81176	0.204082	1.23454	1.23454	28.0612	10.9829	0.347904	1
cg17685628	NKX2-8;NKX2-8	7.76E-05	0.000161269	4.66141	4.66141	0.0106083	2.15506	2.15506	0.00795021	2.25477	2.25477	0.0744654	1.60771	1.60771	0.507543	0.851608	-1.17425	5.77E-05	5.94145	5.94145	0.0852886	0.634746	-1.57543	5.89E-06	11.3768	11.3768	0.999663	1.0001	1.0001	23.692	21.4195	0.80363	1
cg09802608	NKX2-8;NKX2-8	0.000265333	0.389561	1.14556	1.14556	0.00969669	1.65587	1.65587	0.0927143	0.751923	-1.32992	0.0578593	0.71857	-1.39165	0.00236124	0.520124	-1.92262	0.75377	0.952661	-1.04969	0.00971422	1.65557	1.65557	2.14E-05	3.73723	3.73723	0.00390646	1.81974	1.81974	17.0116	6.39963	0.334393	1
cg06696292	NKX3-1	0.0137017	0.156286	0.393207	-2.54319	0.811804	0.863459	-1.15813	0.0198233	0.177047	-5.64821	0.00756913	0.120691	-8.28562	0.0820732	0.305524	-3.27306	0.00511616	0.102627	-9.74401	0.00155849	0.0608878	-16.4237	0.0730208	0.292095	-3.42354	0.0923699	0.319791	-3.12704	5.3375	32.0234	5.33307	1
cg13609723	NKX3-1	0.032386	0.45236	0.811265	-1.23264	0.143828	1.53579	1.53579	0.863567	1.04811	1.04811	0.0398626	0.522538	-1.91374	0.850555	0.949776	-1.05288	0.88955	1.03869	1.03869	0.0012659	0.276588	-3.61548	0.349835	1.30072	1.30072	0.698475	0.899112	-1.11221	3.97676	4.70086	1.05074	1
cg15137566	NKX3-2	0.000101616	0.000528789	0.442724	-2.25874	8.93E-06	0.233855	-4.27616	0.05113	0.715143	-1.39832	0.365203	0.868979	-1.15078	0.00461644	0.566123	-1.7664	0.00194512	0.516052	-1.93779	0.000175353	0.382614	-2.6136	0.00676699	1.69866	1.69866	0.00459276	0.565821	-1.76734	22.0458	7.95512	0.320751	1
cg16742873	NKX3-2	0.000574021	0.144536	0.600823	-1.66438	0.000488103	0.169256	-5.90819	0.00523608	0.302024	-3.31099	0.190354	1.56957	1.56957	0.231074	0.664744	-1.50434	0.363137	0.738001	-1.35501	9.71E-05	0.105128	-9.51224	0.0102732	2.86173	2.86173	0.00300095	0.26636	-3.75431	13.7525	23.0143	1.48753	1
cg24721899	NKX3-2	0.00103834	0.216765	1.86297	1.86297	0.0539266	2.85044	2.85044	0.00886007	4.92739	4.92739	0.103196	2.34735	2.34735	0.69564	0.828441	-1.20709	0.583016	0.766891	-1.30397	0.0179817	0.252548	-3.95964	3.11E-05	48.9239	48.9239	0.0326487	3.30944	3.30944	11.6416	42.2522	3.22615	1
cg20073553	NKX3-2	0.00123797	0.0596449	1.92056	1.92056	0.00202665	0.26278	-3.80547	0.224583	1.47946	1.47946	0.05493	0.512565	-1.95097	0.0048856	0.318097	-3.14369	0.0090369	0.360987	-2.77018	0.00022991	0.152851	-6.54232	0.737375	0.901825	-1.10886	0.00365498	0.299102	-3.34335	11.0728	16.5328	1.3272	1
cg17805540	NKX3-2	0.00129377	0.00406445	0.510292	-1.95966	0.162005	0.770716	-1.29749	0.0497545	1.47755	1.47755	0.0150897	0.593985	-1.68354	0.00746487	0.548346	-1.82367	0.304373	0.83066	-1.20386	0.0535023	0.682142	-1.46597	0.103571	1.36412	1.36412	0.000359988	2.71333	2.71333	10.9341	5.26856	0.428308	1
cg20393324	NKX3-2	0.00723468	0.174965	0.684621	-1.46066	0.607635	0.872825	-1.14571	0.123504	1.54987	1.54987	0.002052	0.319568	-3.12922	0.00305602	0.344558	-2.90227	0.221252	1.40173	1.40173	0.384084	0.791047	-1.26415	0.0412336	1.85606	1.85606	0.145952	1.50678	1.50678	6.54737	7.1529	0.971097	1
cg22777326	NKX3-2	0.00834567	0.0267217	1.28897	1.28897	0.673383	0.959834	-1.04185	0.0698053	1.2166	1.2166	0.604054	1.05189	1.05189	0.00428315	1.44696	1.44696	0.206041	1.13767	1.13767	0.00424963	0.690743	-1.44772	0.689319	0.961887	-1.03962	0.0139604	1.34124	1.34124	6.26014	0.927046	0.131633	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02325832	NKX3-2	0.0158833	0.055524	0.42881	-2.33204	0.0061187	0.247571	-4.03925	0.48602	0.758651	-1.31813	0.301199	0.658369	-1.51891	0.0475425	0.412984	-2.4214	0.0421741	0.401166	-2.49273	0.363614	1.43953	1.43953	0.00892923	3.66185	3.66185	0.225742	0.608716	-1.6428	5.08335	12.2583	2.14353	1
cg19852958	NKX3-2	0.0192025	0.331276	0.896036	-1.11603	0.290577	1.12762	1.12762	0.627144	0.947805	-1.05507	0.126267	1.19859	1.19859	0.0284283	0.753341	-1.32742	0.197747	0.861492	-1.16078	0.00215091	0.623819	-1.60303	0.112803	0.827768	-1.20807	0.0856797	1.23124	1.23124	4.76992	0.905967	0.168829	1
cg02758628	NKX3-2	0.0228082	0.565886	0.787136	-1.27043	0.00581249	0.225411	-4.43635	0.133566	0.513058	-1.9491	0.0954073	0.46975	-2.12879	0.407927	0.705318	-1.4178	0.529239	0.768834	-1.30067	0.00525676	0.219166	-4.56276	0.525522	0.766961	-1.30385	0.00282204	0.183326	-5.45476	4.49781	12.1167	2.39459	1
cg12973941	NKX3-2	0.0270907	0.977551	0.996404	-1.00361	0.208865	0.843988	-1.18485	0.0450636	1.34237	1.34237	0.294599	1.14933	1.14933	0.00466826	0.617777	-1.61871	0.114405	1.2459	1.2459	0.0998277	0.793813	-1.25974	0.858995	1.02303	1.02303	0.0622439	0.764335	-1.30833	4.23667	1.10001	0.230791	1
cg05456921	NKX6-1	3.37E-05	0.180433	0.87903	-1.13762	0.795535	0.976734	-1.02382	5.86E-07	3.48497	3.48497	0.425656	0.928907	-1.07653	0.250857	0.896941	-1.1149	0.0553073	1.21767	1.21767	0.136883	0.864798	-1.15634	0.00017485	1.7811	1.7811	0.225487	1.12232	1.12232	29.5336	3.8439	0.115692	1
cg03968755	NKX6-1	5.01E-05	0.969566	0.9956	-1.00442	0.0203947	0.723908	-1.38139	0.00411192	1.56039	1.56039	0.161182	1.18884	1.18884	0.257888	1.14623	1.14623	0.534371	1.07545	1.07545	0.00059647	0.541975	-1.8451	1.81E-06	3.95465	3.95465	0.0124408	0.697992	-1.43268	26.6112	5.63171	0.188115	1
cg17444738	NKX6-1	0.000121281	0.11111	0.778731	-1.28414	0.00164383	0.522331	-1.9145	0.00111484	1.9975	1.9975	7.10E-05	2.8397	2.8397	0.29331	0.854639	-1.17008	0.161624	0.80625	-1.24031	0.00664866	0.602013	-1.66109	0.000109031	2.67019	2.67019	0.429361	0.890261	-1.12327	21.0251	6.91335	0.29228	1
cg12076463	NKX6-1	0.000163966	0.0220538	0.450327	-2.22061	0.00421091	0.328378	-3.04527	0.813306	0.933569	-1.07116	0.346879	1.32504	1.32504	0.000968089	0.240008	-4.16653	0.0380526	0.497234	-2.01113	0.000131073	0.145306	-6.88203	5.08E-05	9.07712	9.07712	0.0780605	0.566167	-1.76626	19.3857	25.9203	1.18852	1
cg11114873	NKX6-1	0.000356321	0.125519	1.25152	1.25152	0.0523382	0.741851	-1.34798	0.00107643	1.92217	1.92217	0.132034	0.802543	-1.24604	0.000897502	0.510347	-1.95945	0.00118786	0.525617	-1.90252	0.000236945	0.438616	-2.2799	0.194796	1.20392	1.20392	0.055852	1.34064	1.34064	15.6919	4.5508	0.257787	1
cg22598426	NKX6-1	0.000367892	0.124401	0.683822	-1.46237	0.00310569	0.396872	-2.5197	0.130266	0.688446	-1.45255	0.00270235	2.5773	2.5773	0.000781586	0.313299	-3.19184	0.140489	0.69613	-1.43651	0.00291376	0.392792	-2.54588	0.000224285	4.06558	4.06558	0.984598	1.00442	1.00442	15.5546	12.8557	0.734657	1
cg10457539	NKX6-1	0.000375346	0.0511873	0.660584	-1.51381	0.0031604	0.470905	-2.12357	0.000391877	2.87202	2.87202	0.534853	0.889264	-1.12453	0.020554	0.593931	-1.6837	0.085641	0.701346	-1.42583	0.00614371	0.51296	-1.94947	0.00019678	3.21773	3.21773	0.176684	0.764773	-1.30758	15.4689	8.54238	0.490869	1
cg22256677	NKX6-1	0.00154536	0.253224	0.733177	-1.36393	0.785507	0.931507	-1.07353	0.104187	1.5873	1.5873	0.000626	3.92732	3.92732	0.0199064	0.481453	-2.07704	0.047742	0.555	-1.8018	0.0055921	0.388153	-2.5763	0.00271302	2.93643	2.93643	0.0786462	1.66198	1.66198	10.39	11.1319	0.952358	1
cg24275315	NKX6-1	0.00281458	0.555955	0.839643	-1.19098	0.0357532	0.488197	-2.04835	0.159809	1.55391	1.55391	0.0309718	2.10283	2.10283	0.0928298	0.581201	-1.72057	0.63165	1.15228	1.15228	0.0069927	0.359285	-2.78331	0.000267486	5.78614	5.78614	0.964821	0.987141	-1.01303	8.72155	11.895	1.21232	1
cg16426339	NKX6-1	0.0048556	0.91347	1.02171	1.02171	0.117327	0.714584	-1.39942	0.123585	0.719278	-1.39028	0.693058	1.08153	1.08153	0.439739	0.85584	-1.16844	0.0360121	0.617653	-1.61903	6.39E-05	0.233995	-4.2736	0.767759	0.943175	-1.06025	0.870793	1.03268	1.03268	7.40449	4.57686	0.54944	1
cg10417567	NKX6-1	0.00874499	0.27799	0.684802	-1.46028	0.108288	1.8004	1.8004	0.699351	1.13911	1.13911	0.312908	1.41953	1.41953	0.076883	0.516702	-1.93535	0.0289902	0.421491	-2.37253	0.00953188	0.332196	-3.01027	0.00183442	4.41696	4.41696	0.394729	0.746351	-1.33985	6.16832	11.0045	1.58581	1
cg18297736	NKX6-1	0.0208945	0.593441	0.834372	-1.19851	0.728509	1.12423	1.12423	0.612189	1.18743	1.18743	0.000946138	5.24083	5.24083	0.452892	0.773403	-1.29299	0.247661	0.66621	-1.50103	0.350056	0.723808	-1.38158	0.558753	1.21981	1.21981	0.0151512	2.72552	2.72552	4.63499	8.28917	1.58968	1
cg18589016	NKX6-1	0.0261666	0.333744	1.18936	1.18936	0.355155	0.847513	-1.17992	0.632032	0.919504	-1.08754	0.666254	1.0784	1.0784	0.895823	1.02305	1.02305	0.0711937	1.41985	1.41985	0.000746104	0.410582	-2.43557	0.989691	0.997755	-1.00225	0.553263	1.10996	1.10996	4.28849	2.05498	0.425943	1
cg12401926	NKX6-1	0.0347126	0.248345	0.861723	-1.16047	0.60396	1.06666	1.06666	0.145008	1.21291	1.21291	0.687264	0.951316	-1.05117	0.10218	0.802044	-1.24682	0.0357609	0.739842	-1.35164	0.00342243	0.612345	-1.63307	0.349323	1.12616	1.12616	0.314903	1.13674	1.13674	3.87868	0.934269	0.214109	1
cg25830182	NKX6-1	0.0395681	0.316215	0.55231	-1.81058	0.778174	1.17562	1.17562	0.81574	0.874827	-1.14308	0.00156782	13.4975	13.4975	0.109489	0.367989	-2.71747	0.966829	0.976458	-1.02411	0.186761	0.448539	-2.22946	0.528071	1.44228	1.44228	0.307237	1.83223	1.83223	3.69788	19.222	4.62055	1
cg18813158	NKX6-1	0.048947	0.959957	1.01159	1.01159	0.198578	1.36585	1.36585	0.331651	1.2584	1.2584	0.591404	0.883069	-1.13242	0.0435861	0.587156	-1.70312	0.811963	1.05621	1.05621	0.00213155	0.371436	-2.69225	0.971264	0.991768	-1.0083	0.836667	0.953733	-1.04851	3.41562	2.84874	0.741363	1
cg01303723	NKX6-2	0.000480607	0.104948	0.784963	-1.27395	0.048472	1.36077	1.36077	0.00336587	1.7247	1.7247	0.000737481	0.496287	-2.01496	0.972846	1.00466	1.00466	0.315622	1.15233	1.15233	4.85E-05	0.351998	-2.84093	0.644463	0.938475	-1.06556	0.180102	1.21473	1.21473	14.4481	4.27287	0.262879	1
cg16949120	NKX6-2	0.000556834	0.781542	0.925622	-1.08035	0.949328	1.01783	1.01783	0.771253	1.08443	1.08443	0.522008	0.834919	-1.19772	0.309389	0.746416	-1.33974	0.806254	0.933962	-1.07071	4.61E-06	0.0537845	-18.5927	0.904683	1.03387	1.03387	0.450164	1.23854	1.23854	13.8694	16.9795	1.08822	1
cg03905847	NKX6-2	0.0015123	0.0206338	0.617312	-1.61993	0.0137361	1.69417	1.69417	0.584084	0.908771	-1.10039	0.859965	0.969905	-1.03103	0.00971591	0.567781	-1.76124	0.882988	0.974837	-1.02581	0.000217951	0.34407	-2.90639	0.00073006	0.411235	-2.4317	0.939631	0.986979	-1.01319	10.455	4.95814	0.421545	1
cg06769546	NKX6-2	0.00214949	0.353377	0.913762	-1.09438	0.0207979	0.76889	-1.30058	0.0746359	1.2063	1.2063	0.0499617	0.809664	-1.23508	0.0212521	0.76988	-1.2989	0.0564523	0.815485	-1.22626	0.000675816	0.612098	-1.63372	0.00530312	1.41487	1.41487	0.0479301	1.23809	1.23809	9.44119	1.33377	0.125574	1
cg11342452	NKX6-2	0.00501895	0.584605	0.756804	-1.32135	0.0687495	2.79616	2.79616	0.0406425	3.29736	3.29736	0.163502	0.472071	-2.11832	0.0317769	0.280713	-3.56236	0.0848827	0.382215	-2.61633	0.000255543	0.047834	-20.9056	0.527485	1.38146	1.38146	0.424653	0.662621	-1.50916	7.33012	29.5784	3.58683	1
cg27583690	NKX6-2	0.00803268	0.0136941	0.639674	-1.5633	0.083359	0.755092	-1.32434	0.0257235	1.47437	1.47437	0.193621	0.81743	-1.22335	0.027495	0.682414	-1.46539	0.00767999	0.605263	-1.65217	0.701417	1.05808	1.05808	0.0656269	0.738749	-1.35364	0.0219896	1.49582	1.49582	6.33601	2.15542	0.302387	1
cg10182697	NKX6-2	0.00813302	0.275354	0.827013	-1.20917	0.0172097	0.615202	-1.62548	0.954124	1.00968	1.00968	0.0488451	0.686252	-1.45719	0.44561	0.877978	-1.13898	0.0244012	0.63833	-1.56659	0.000428603	0.393412	-2.54187	0.0628574	0.704488	-1.41947	0.0944717	1.36023	1.36023	6.3113	2.80004	0.394361	1
cg11163901	NKX6-2	0.00897668	0.49069	0.91445	-1.09355	0.449316	1.1035	1.1035	0.205045	1.18627	1.18627	0.0776964	0.778424	-1.28465	0.183348	0.834984	-1.19763	0.0673135	0.769576	-1.29942	0.000237927	0.459532	-2.17613	0.475978	1.09702	1.09702	0.558109	1.0786	1.0786	6.11741	1.58114	0.229747	1
cg00018024	NKX6-2	0.0100213	0.00433211	0.470795	-2.12407	0.673435	0.919665	-1.08735	0.507463	1.14208	1.14208	0.434619	0.854275	-1.17058	0.0432026	1.58329	1.58329	0.609027	0.903104	-1.10729	0.410007	1.18112	1.18112	0.00123922	0.393507	-2.54125	0.193955	1.31197	1.31197	5.9066	3.6515	0.549517	1
cg02306630	NKX6-2	0.0175602	0.306369	1.49362	1.49362	0.140168	0.548117	-1.82443	0.00190335	5.29333	5.29333	0.175761	0.57961	-1.7253	0.133653	0.54179	-1.84573	0.16548	0.57098	-1.75138	0.0225866	0.355403	-2.81371	0.76459	1.1205	1.1205	0.355934	0.697862	-1.43295	4.9158	11.1742	2.02055	1
cg00699945	NKX6-2	0.0268042	?	?	?	0.56003	0.816672	-1.22448	0.272142	1.48373	1.48373	0.001022	0.168048	-5.95067	0.0850871	0.515057	-1.94153	0.44442	0.764715	-1.30768	0.338254	0.711604	-1.40528	0.575488	1.21458	1.21458	0.524808	1.24799	1.24799	4.77101	7.73849	1.41923	1
cg17996619	NKX6-2	0.02982	0.0018238	5.98836	5.98836	0.964243	1.01828	1.01828	0.874773	1.06579	1.06579	0.181732	1.77305	1.77305	0.695109	0.852883	-1.17249	0.788992	1.11446	1.11446	0.0122011	0.283177	-3.53136	0.788816	1.11456	1.11456	0.905732	1.04903	1.04903	4.09557	10.5871	2.29778	1
cg07251711	NKX6-2	0.0305946	0.121557	0.745588	-1.34122	0.443113	0.872168	-1.14657	0.670147	0.927796	-1.07782	0.168188	0.773469	-1.29288	0.104633	0.73327	-1.36375	0.551711	0.900034	-1.11107	0.000430544	0.377473	-2.6492	0.551932	0.900088	-1.111	0.526111	0.893725	-1.11891	4.05841	1.96642	0.430693	1
cg01384488	NKX6-2	0.0463646	0.110614	0.700641	-1.42726	0.615596	1.10915	1.10915	0.605843	1.1124	1.1124	0.888251	1.02919	1.02919	0.478651	0.862954	-1.15881	0.0379087	0.61106	-1.6365	0.00648893	0.484784	-2.06278	0.231955	1.29245	1.29245	0.0898889	1.46602	1.46602	3.48623	2.3121	0.58952	1
cg14314818	NKX6-3	0.0136515	0.143015	1.3431	1.3431	0.244189	1.25649	1.25649	0.643297	1.09132	1.09132	0.0525806	1.51132	1.51132	0.347179	0.834105	-1.19889	0.00237216	2.21266	2.21266	0.0114587	0.552758	-1.80911	0.341639	1.20156	1.20156	0.031883	1.60201	1.60201	5.34393	2.97212	0.494371	1
cg03380773	NKX6-3	0.0350906	0.389069	0.884227	-1.13093	0.945133	1.00964	1.00964	0.65543	1.06461	1.06461	0.212385	0.832692	-1.20092	0.0590095	1.3461	1.3461	0.00652484	1.63673	1.63673	0.110843	0.784934	-1.27399	0.275079	0.853606	-1.1715	0.0429994	0.722809	-1.38349	3.86351	1.18895	0.273546	1
cg01055579	NLE1;NLE1	3.34E-05	0.872764	0.97953	-1.0209	0.00192947	0.567606	-1.76179	0.0002172	0.451116	-2.21673	0.785148	1.03589	1.03589	0.0264238	0.712012	-1.40447	0.0168884	0.686531	-1.4566	3.76E-06	0.248181	-4.02932	4.08E-05	0.364139	-2.7462	1.54E-05	0.315331	-3.17127	29.6106	7.80919	0.234427	1
cg22350578	NLE1;NLE1	9.21E-05	0.0111187	0.408513	-2.4479	0.00124782	0.265494	-3.76657	0.947297	1.01877	1.01877	0.00349123	0.328053	-3.04829	1.08E-05	0.0714123	-14.0032	9.29E-05	0.140672	-7.10874	2.61E-05	0.0962033	-10.3947	0.195547	0.680456	-1.4696	0.0156833	0.434755	-2.30015	22.6307	28.3502	1.11354	1
cg22553289	NLE1;NLE1	0.00720589	0.176059	1.66591	1.66591	0.898356	1.04638	1.04638	0.63141	1.18707	1.18707	0.0343124	0.416447	-2.40126	0.0155385	0.348923	-2.86596	0.226612	0.63736	-1.56897	?	?	?	0.187991	1.64046	1.64046	0.000545417	0.148657	-6.72691	6.69141	11.8578	1.77209	1
cg18960803	NLE1;NLE1	0.0108278	0.103798	0.51005	-1.96059	0.572391	0.805808	-1.24099	0.0076946	0.273578	-3.65526	0.0306293	0.3824	-2.61506	0.00209915	0.194431	-5.1432	0.0095068	0.288398	-3.46743	0.0121292	0.306224	-3.26558	0.018326	0.338415	-2.95495	0.0135936	0.314857	-3.17605	5.76172	13.072	2.01668	1
cg01792081	NLE1;NLE1	0.024631	0.188032	0.547867	-1.82526	0.0956614	0.454071	-2.2023	0.0423204	0.364671	-2.74219	0.465424	1.37773	1.37773	0.0141815	0.271084	-3.68889	0.0086959	0.236374	-4.23058	0.00778792	0.229063	-4.36562	0.848068	1.08625	1.08625	0.040273	0.359857	-2.77888	4.37981	12.9065	2.61939	1
cg11619740	NLE1;NLE1	0.027857	0.461131	0.727942	-1.37374	0.119897	0.489647	-2.04229	0.00638957	0.222722	-4.4899	0.6407	0.819607	-1.2201	0.00984784	0.251427	-3.97729	0.0209126	0.308453	-3.24199	0.0134276	0.273746	-3.65302	0.146594	0.517151	-1.93367	0.022989	0.316336	-3.1612	4.19534	11.9009	2.52151	1
cg24410949	NLE1;NLE1	0.0282647	0.122033	0.78905	-1.26735	0.12254	1.26687	1.26687	0.722732	1.05165	1.05165	0.108912	0.781019	-1.28038	0.00126584	0.514253	-1.94457	0.69115	1.05808	1.05808	0.407472	1.12725	1.12725	0.829035	1.03104	1.03104	0.189766	0.821733	-1.21694	4.17392	1.32106	0.281336	1
cg03423038	NLE1;NLE1;NLE1	2.84E-14	?	?	?	1.13E-14	0.111388	-8.97759	?	?	?	?	?	?	5.01E-14	0.352044	-2.84055	2.64E-14	0.236989	-4.2196	?	?	?	?	?	?	?	?	?	3.52E+13	9.01569	1.71E-13	1
cg04397065	NLE1;NLE1;NLE1	0.0328406	0.543618	1.18024	1.18024	0.0994373	0.614573	-1.62715	0.449003	0.812222	-1.23119	0.461954	1.2237	1.2237	0.00236143	0.318743	-3.13733	0.0355555	0.517046	-1.93406	0.209233	1.42875	1.42875	0.53452	1.1848	1.1848	0.157709	0.665488	-1.50266	3.95693	4.55421	1.02306	1
cg05058204	NLGN1	0.000141696	0.00389475	2.64488	2.64488	4.18E-05	7.0423	7.0423	0.055584	1.72092	1.72092	0.000282624	4.41413	4.41413	0.563775	1.15724	1.15724	0.0306979	1.88746	1.88746	2.96E-05	7.74788	7.74788	9.92E-05	5.63422	5.63422	0.2615	1.34048	1.34048	20.1639	19.9986	0.881601	1
cg21904441	NLGN1	0.000406304	0.0851818	0.781182	-1.28011	0.000383004	0.479198	-2.08682	0.0995392	0.791173	-1.26395	0.046383	0.743745	-1.34455	0.364542	0.886125	-1.12851	0.00251663	1.72353	1.72353	0.000132624	2.363	2.363	0.159059	1.21566	1.21566	0.029504	1.39457	1.39457	15.1348	4.0356	0.237017	1
cg15225201	NLGN1	0.00129371	0.796959	0.975226	-1.0254	0.000602204	0.597603	-1.67335	0.000249383	1.80062	1.80062	0.539868	0.941401	-1.06225	0.344616	1.09935	1.09935	0.615474	1.05051	1.05051	0.0199114	0.760766	-1.31447	0.0450022	0.799447	-1.25086	0.0730509	1.21474	1.21474	10.9342	1.6395	0.133282	1
cg22960621	NLGN1	0.00238564	0.539801	1.20542	1.20542	0.0863148	0.565335	-1.76886	0.0332875	0.472922	-2.11451	0.116445	1.67102	1.67102	0.00384967	0.309665	-3.22929	0.925446	1.02857	1.02857	0.0220911	0.43776	-2.28435	0.000311854	5.81167	5.81167	0.577741	0.844287	-1.18443	9.15723	13.1383	1.27533	1
cg01982637	NLGN1	0.00289607	0.424849	1.14191	1.14191	0.0160063	1.61631	1.61631	0.728044	0.944743	-1.05849	0.0468827	0.690427	-1.44838	0.000105391	0.327816	-3.05049	0.391541	1.15366	1.15366	0.147196	1.28824	1.28824	0.288238	1.19665	1.19665	0.645325	0.927312	-1.07839	8.64813	3.63151	0.373261	1
cg17482360	NLGN1	0.00717915	0.223314	0.696312	-1.43614	0.0145404	2.34323	2.34323	0.368173	0.76991	-1.29885	0.135125	0.634039	-1.57719	0.000456662	0.209787	-4.76674	0.97276	0.990387	-1.00971	0.0211917	0.456654	-2.18984	0.607627	1.15779	1.15779	0.090976	0.590546	-1.69335	6.56316	8.31828	1.1266	1
cg14559455	NLGN1	0.00848358	0.0165286	0.459652	-2.17556	0.143338	0.658727	-1.51808	0.00235537	0.324222	-3.0843	0.677121	0.894802	-1.11757	0.00672331	0.393414	-2.54185	0.33486	0.767978	-1.30212	0.00215914	0.318833	-3.13643	0.254117	1.37177	1.37177	0.0512285	0.554729	-1.80268	6.22782	6.94967	0.991918	1
cg14890220	NLGN1	0.0112146	0.000902068	0.355612	-2.81205	0.765812	1.06415	1.06415	0.288857	0.795181	-1.25758	0.820005	0.953667	-1.04858	0.0481235	0.624882	-1.6003	0.623596	0.902161	-1.10845	0.135637	0.7155	-1.39762	0.216399	1.31099	1.31099	0.00259042	0.41937	-2.38453	5.69692	3.90952	0.610002	1
cg21946824	NLGN1	0.0136785	0.312759	1.45118	1.45118	0.165207	1.69541	1.69541	0.0180157	2.78651	2.78651	0.380228	0.72542	-1.37851	0.00165682	0.200816	-4.97968	0.22218	0.632834	-1.58019	0.0296127	0.401198	-2.49253	0.292056	0.677148	-1.47678	0.588398	0.822955	-1.21513	5.34047	10.7576	1.79053	1
cg03729941	NLGN1	0.0151051	0.506094	0.802037	-1.24682	0.0066046	3.16787	3.16787	0.0307948	2.29186	2.29186	0.0116893	0.356937	-2.80161	0.0867	0.538656	-1.85647	0.128788	0.584651	-1.71042	?	?	?	0.975226	1.01021	1.01021	0.706762	1.13154	1.13154	5.26678	7.92718	1.50513	1
cg00781378	NLGN1	0.0158819	0.693953	1.15443	1.15443	0.718241	0.876718	-1.14062	0.992743	1.00331	1.00331	0.948797	0.97695	-1.02359	0.00970016	0.304784	-3.28101	0.00648531	3.6145	3.6145	0.508517	1.27577	1.27577	0.0093077	3.31339	3.31339	0.0316575	2.49623	2.49623	5.08349	10.6159	1.85627	1
ch.3.3371471R	NLGN1	0.0166328	0.00279844	0.118285	-8.45416	0.00662579	0.161015	-6.2106	0.00479086	0.143701	-6.95891	0.0331149	0.275021	-3.63609	0.0694087	0.349055	-2.86488	0.0749485	0.357826	-2.79465	0.0567016	0.327027	-3.05785	0.419738	0.652335	-1.53296	0.0620569	0.336673	-2.97024	5.00588	21.289	3.78027	1
cg19245371	NLGN1	0.0213035	0.013396	0.411917	-2.42767	0.0248276	2.16745	2.16745	0.0680832	1.80702	1.80702	0.63207	0.869619	-1.14993	0.0886488	0.580482	-1.72271	0.0463259	0.51635	-1.93667	0.63083	1.15052	1.15052	0.113198	1.64741	1.64741	0.164712	1.5361	1.5361	4.6044	6.11545	1.1806	1
cg23642200	NLGN1	0.0216307	0.0183464	0.773585	-1.29268	0.0615771	0.827887	-1.20789	0.657185	0.960727	-1.04088	0.0604953	0.827069	-1.20909	0.0835019	0.842117	-1.18748	0.0139574	0.761579	-1.31306	0.00762276	0.735102	-1.36036	0.00468147	0.713737	-1.40108	0.910775	1.01011	1.01011	4.58045	0.583692	0.113272	1
cg05543049	NLGN1	0.030663	0.939874	0.988258	-1.01188	0.871483	0.974969	-1.02567	0.971741	1.00556	1.00556	0.361112	0.863303	-1.15834	0.594182	0.91925	-1.08784	0.604777	1.08518	1.08518	0.000636571	0.439837	-2.27357	0.676962	1.0678	1.0678	0.126725	1.29516	1.29516	4.05519	1.57446	0.345117	1
cg03461559	NLGN2	4.39E-05	0.0768845	0.812024	-1.23149	0.00077317	1.71369	1.71369	0.022072	1.33717	1.33717	0.601117	0.9457	-1.05742	0.0166394	0.733825	-1.36272	0.000481742	0.56015	-1.78524	9.19E-06	0.362394	-2.75943	0.0141008	1.37806	1.37806	0.000100351	0.481887	-2.07518	27.5561	4.88907	0.157709	1
cg04235625	NLGN2	0.000231603	0.0119943	0.581629	-1.71931	0.346648	1.18244	1.18244	0.000500772	0.390143	-2.56316	0.236455	0.806942	-1.23925	1.47E-05	0.210942	-4.74063	0.00022767	0.34669	-2.88442	0.00200216	0.470394	-2.12588	0.659609	1.07966	1.07966	0.0441913	0.670495	-1.49144	17.6536	8.3599	0.420936	1
cg16950726	NLGN2	0.00287189	0.002655	0.389997	-2.56412	0.0999331	1.50433	1.50433	0.130735	1.44722	1.44722	0.285591	1.28559	1.28559	0.000671631	0.307774	-3.24914	0.00308152	0.399481	-2.50325	0.602246	0.887715	-1.12649	0.223576	1.33595	1.33595	0.769657	0.935654	-1.06877	8.66965	7.04489	0.722304	1
cg13177052	NLGN2	0.00358927	0.0307206	0.530232	-1.88597	0.00129888	0.310027	-3.22553	0.148958	0.679154	-1.47242	0.0088838	0.435021	-2.29874	0.00105862	0.298084	-3.35476	0.00134689	0.312172	-3.20336	0.00438205	0.386279	-2.5888	0.409876	0.810031	-1.23452	0.100866	0.638147	-1.56704	8.11239	8.02879	0.879729	1
cg00220413	NLGN2	0.00978927	0.0612216	0.338788	-2.9517	0.0392379	0.293999	-3.40137	0.0867962	0.378859	-2.6395	0.0045836	0.144176	-6.93596	0.00174146	0.101172	-9.88413	0.00296754	0.123381	-8.10496	0.0216115	0.242803	-4.11857	0.335676	0.600831	-1.66436	0.023309	0.248806	-4.0192	5.95099	24.8185	3.7071	1
cg03403688	NLGN2	0.0109944	0.195556	0.789374	-1.26683	0.0397138	1.50817	1.50817	0.0840252	1.39141	1.39141	0.662935	1.07872	1.07872	0.100031	1.36531	1.36531	0.721652	1.06376	1.06376	0.000252992	2.83534	2.83534	0.131514	1.32486	1.32486	0.318935	1.19479	1.19479	5.73347	2.71088	0.420281	1
cg22659681	NLGN2	0.0199566	0.241108	1.61662	1.61662	0.41374	0.721038	-1.38689	0.86102	1.071	1.071	0.338277	1.47165	1.47165	0.000511	0.119539	-8.36549	0.0700386	0.45255	-2.2097	0.161461	0.556931	-1.79555	0.824709	0.91683	-1.09071	0.380679	0.703295	-1.42188	4.70804	11.4248	2.15704	1
cg08870143	NLGN2	0.0232417	0.5134	1.11454	1.11454	0.419238	1.14458	1.14458	0.526509	1.11071	1.11071	0.817331	0.962853	-1.03858	0.861866	0.971907	-1.0289	0.00421602	0.534229	-1.87186	0.0131859	0.604852	-1.6533	0.0177406	1.60279	1.60279	0.698572	1.06574	1.06574	4.46871	1.89461	0.376863	1
cg10092265	NLGN2	0.0274269	0.162122	1.67198	1.67198	0.0827333	1.93805	1.93805	0.843658	1.07036	1.07036	0.0932799	1.88845	1.88845	0.284639	1.46629	1.46629	0.375213	1.36808	1.36808	0.00108627	5.26198	5.26198	0.00748757	3.27249	3.27249	0.596478	1.20203	1.20203	4.21837	7.92269	1.66946	1
cg03169180	NLGN2	0.0278818	0.524458	0.82212	-1.21637	0.0746586	0.547177	-1.82756	0.0176465	2.40267	2.40267	0.392752	1.30456	1.30456	0.0632216	0.53023	-1.88597	0.597081	0.850447	-1.17585	0.0348641	0.473904	-2.11013	0.0199452	0.426124	-2.34673	0.234158	1.46042	1.46042	4.19403	6.12516	1.29818	1
cg16360370	NLGN3;NLGN3;NLGN3	0.00643659	0.530696	0.83586	-1.19637	0.0196505	0.451265	-2.21599	0.986889	1.00465	1.00465	0.188902	1.48135	1.48135	0.00112345	0.258215	-3.87274	0.998277	0.999391	-1.00061	0.923079	1.02764	1.02764	0.00228727	3.33316	3.33316	0.542894	1.1899	1.1899	6.78999	8.5709	1.12203	1
cg01008919	NLGN3;NLGN3;NLGN3	0.0172758	0.0115691	0.496808	-2.01285	0.000975196	0.337246	-2.9652	0.124099	1.44623	1.44623	0.389119	0.822384	-1.21598	0.0570169	0.620559	-1.61145	0.123854	0.69126	-1.44663	0.830634	0.953651	-1.0486	0.920034	0.977997	-1.0225	0.848028	0.958384	-1.04342	4.94279	3.84287	0.691085	1
cg26412379	NLGN4X;NLGN4X	0.000920872	0.699693	1.08106	1.08106	0.38205	0.835044	-1.19754	0.918434	1.02081	1.02081	0.0564094	0.647667	-1.544	0.000494565	0.333983	-2.99417	0.02392	0.581673	-1.71918	0.000322694	0.310435	-3.22129	0.000111735	0.255157	-3.91915	0.0370806	0.614601	-1.62707	12.0444	7.71338	0.569255	1
cg17811446	NLGN4X;NLGN4X	0.00147895	0.598769	1.14948	1.14948	0.222962	0.714634	-1.39932	0.178642	1.45484	1.45484	0.407847	0.800813	-1.24873	0.326174	1.3047	1.3047	0.526567	1.18335	1.18335	1.79E-05	0.100254	-9.97466	0.427285	0.808434	-1.23696	0.938745	1.02037	1.02037	10.5223	11.4717	0.969092	1
cg21545611	NLGN4X;NLGN4X	0.00559198	0.7598	1.05751	1.05751	0.819692	1.04251	1.04251	0.0110386	0.55917	-1.78837	0.514912	0.886552	-1.12797	0.0984475	0.718593	-1.39161	0.245675	0.801386	-1.24784	0.000323561	2.88743	2.88743	0.777219	1.05309	1.05309	0.0518054	0.667944	-1.49713	7.09134	3.73457	0.468123	1
cg01679167	NLGN4X;NLGN4X	0.00996971	0.176742	1.27541	1.27541	0.186566	1.26771	1.26771	0.445009	0.876425	-1.141	0.411236	1.15298	1.15298	0.0851622	1.38051	1.38051	0.883138	0.975389	-1.02523	0.000433818	0.389628	-2.56655	0.850353	0.968509	-1.03252	0.0477234	1.46749	1.46749	5.91636	2.68935	0.404054	1
cg20303283	NLGN4X;NLGN4X	0.0116648	0.0167669	0.513499	-1.94742	0.141225	0.696798	-1.43514	0.937367	0.982216	-1.01811	0.38183	1.22726	1.22726	0.00275999	0.389533	-2.56718	0.619216	1.12118	1.12118	0.00633679	0.444193	-2.25128	0.0222582	0.534956	-1.86931	0.197765	1.36455	1.36455	5.62491	4.64409	0.733892	1
cg19013417	NLGN4X;NLGN4X	0.0141477	0.011618	0.706066	-1.4163	0.120922	1.20388	1.20388	0.678481	1.04707	1.04707	0.829153	0.97644	-1.02413	0.218241	1.1536	1.1536	0.354781	0.900299	-1.11074	0.00549809	0.668513	-1.49586	0.794481	1.02922	1.02922	0.00853002	1.44819	1.44819	5.28162	1.01821	0.171363	1
cg18096956	NLGN4X;NLGN4X	0.0158592	0.010443	0.207447	-4.82051	0.00993687	0.204193	-4.89733	0.209839	0.524774	-1.90558	0.0871358	0.397883	-2.5133	0.0018992	0.116852	-8.5578	0.200347	0.516877	-1.9347	0.0126327	0.220318	-4.5389	0.930927	1.0432	1.0432	0.0387426	0.311068	-3.21473	5.08592	19.1731	3.35097	1
cg08357177	NLGN4X;NLGN4X	0.0257122	0.228301	0.805774	-1.24104	0.3737	0.855601	-1.16877	0.459127	0.87921	-1.13738	0.70015	1.06832	1.06832	0.00555064	0.53673	-1.86313	0.618707	0.917882	-1.08947	0.00299373	2.00438	2.00438	0.825732	0.96304	-1.03838	0.914972	0.981926	-1.01841	4.31481	1.99318	0.410613	1
cg05835547	NLGN4X;NLGN4X	0.0296236	0.0693167	0.612326	-1.63312	0.951978	1.01464	1.01464	0.178847	1.41161	1.41161	0.730419	1.08708	1.08708	0.109356	1.5241	1.5241	0.00339611	0.382395	-2.6151	0.439176	1.2098	1.2098	0.0306793	0.541813	-1.84565	0.813518	0.944556	-1.0587	4.10519	3.78835	0.820285	1
cg00938039	NLGN4X;NLGN4X	0.0357724	0.869997	1.04562	1.04562	0.000751028	0.248492	-4.02428	0.529833	0.840855	-1.18927	0.837185	1.05764	1.05764	0.964714	0.988024	-1.01212	0.74407	0.914646	-1.09332	0.100569	1.63213	1.63213	0.648956	0.882659	-1.13294	0.498456	0.829314	-1.20582	3.83666	4.50702	1.0442	1
cg24736559	NLGN4X;NLGN4X	0.0425389	0.998347	0.99963	-1.00037	0.0460107	0.664857	-1.50408	0.106002	0.72968	-1.37046	0.588493	0.907098	-1.10242	0.35237	1.18629	1.18629	0.531702	1.11972	1.11972	0.00300975	2.06699	2.06699	0.359876	0.845323	-1.18298	0.952678	1.01065	1.01065	3.60025	1.81687	0.448578	1
cg08101918	NLGN4X;NLGN4X;NLGN4X	0.0108495	0.172368	1.49305	1.49305	0.807387	0.934816	-1.06973	0.188818	1.46843	1.46843	0.227477	0.704952	-1.41854	0.00050575	0.22316	-4.48109	0.342496	1.30982	1.30982	0.961241	1.0135	1.0135	0.0169953	0.447894	-2.23267	0.436826	1.2447	1.2447	5.75801	6.94478	1.0721	1
cg03055837	NLGN4Y;NLGN4Y	0.00497625	0.335182	1.33028	1.33028	0.587816	0.85458	-1.17016	0.446771	0.80037	-1.24942	0.0173244	0.435052	-2.29858	0.00234325	0.295363	-3.38567	0.219236	0.690035	-1.4492	0.00265225	0.303024	-3.30007	0.000593408	0.21809	-4.58526	0.209101	0.683731	-1.46256	7.34927	9.59799	1.16087	1
cg27214488	NLGN4Y;NLGN4Y;NLGN4Y	0.0158437	0.0062127	0.166936	-5.99031	0.636421	0.787464	-1.2699	0.975597	1.01547	1.01547	0.0417539	3.2469	3.2469	0.00404026	6.94166	6.94166	0.247654	0.545253	-1.83401	0.0127068	0.43691	-2.2888	0.318391	0.596021	-1.67779	0.535938	0.730136	-1.36961	5.08757	20.2887	3.5448	1
cg05939513	NLGN4Y;NLGN4Y;NLGN4Y	0.0466278	0.796994	1.07383	1.07383	0.00142682	0.27948	-3.57807	0.103706	1.63505	1.63505	0.682374	0.89253	-1.12041	0.810094	1.06879	1.06879	0.288083	1.3563	1.3563	0.628358	1.14428	1.14428	0.549414	0.845884	-1.18219	0.840358	1.05731	1.05731	3.47881	4.20682	1.07491	1
cg09804407	NLGN4Y;NLGN4Y;NLGN4Y;NLGN4Y	0.00561964	0.96811	0.985804	-1.0144	?	?	?	?	?	?	?	?	?	0.000306967	0.0493096	-20.28	0.335218	0.69581	-1.43717	0.757866	0.895108	-1.11718	0.669379	1.16674	1.16674	0.368847	0.714673	-1.39924	13.7893	17.0892	1.03276	1
cg03706273	NLGN4Y;NLGN4Y;NLGN4Y;NLGN4Y	0.0352439	0.236649	1.34373	1.34373	0.152767	0.69427	-1.44036	0.0147514	2.0443	2.0443	0.96653	0.990052	-1.01005	0.751457	0.927084	-1.07865	0.176455	1.40835	1.40835	0.00760121	0.441336	-2.26585	0.968204	0.990547	-1.00954	0.134419	0.680724	-1.46902	3.85742	3.46869	0.799312	1
cg11792281	NLK	0.000192946	0.621188	0.916631	-1.09095	1.75E-05	0.215182	-4.64723	0.00177456	0.459443	-2.17655	0.60534	0.912932	-1.09537	0.00250134	2.08328	2.08328	0.385354	1.16827	1.16827	0.00205862	2.13537	2.13537	0.263005	1.22621	1.22621	0.0247767	0.626859	-1.59526	18.5509	8.97257	0.429933	1
cg01059818	NLK	0.000246062	0.115706	0.601318	-1.66301	0.000500568	0.198044	-5.04939	0.0109323	0.386696	-2.58601	0.0206189	0.436333	-2.29183	7.10E-05	0.115896	-8.62841	0.00815482	0.365223	-2.73805	2.06E-05	0.07748	-12.9066	0.380933	0.765423	-1.30647	0.00102665	0.23519	-4.25188	17.3649	24.3345	1.24565	1
cg05475440	NLK	0.0033453	0.0298262	0.468423	-2.13482	0.393904	0.771772	-1.29572	0.779775	0.920207	-1.08671	0.00189055	0.270795	-3.69283	0.00118384	0.243945	-4.09928	0.036471	0.486169	-2.0569	0.00217564	0.279186	-3.58185	0.0520155	1.92663	1.92663	0.0309486	0.471638	-2.12027	8.285	11.5478	1.23895	1
cg15704699	NLK	0.00420477	0.305201	0.805177	-1.24196	0.0590863	0.647271	-1.54495	0.124701	0.712315	-1.40387	0.907204	0.976482	-1.02408	0.000290114	0.299314	-3.34097	0.0339313	0.603305	-1.65754	0.125174	0.712667	-1.40318	0.00475171	2.14949	2.14949	0.559236	0.886455	-1.12809	7.73505	5.10278	0.586396	1
cg02762634	NLK	0.00450875	0.00443744	0.111736	-8.94964	0.00447575	0.112144	-8.91711	0.00767625	0.14013	-7.13624	0.0116715	0.16544	-6.04447	0.000424176	0.0361012	-27.6999	0.0204039	0.204803	-4.88274	0.108657	0.376516	-2.65593	0.499635	1.45974	1.45974	0.039666	0.261706	-3.82109	8.81306	41.4442	3.65757	1
cg10004079	NLK	0.018374	0.980628	1.00921	1.00921	0.896481	0.95203	-1.05039	0.935428	0.969863	-1.03107	0.340784	1.44879	1.44879	0.0168016	0.332233	-3.00994	0.934744	1.03141	1.03141	0.0010026	0.158104	-6.32494	0.762595	1.12121	1.12121	0.0172087	0.334149	-2.99268	4.84149	10.9357	2.00777	1
cg19912197	NLK	0.0231784	0.69195	0.862794	-1.15902	0.0150617	0.330499	-3.02572	0.659105	0.848299	-1.17883	0.991085	0.995868	-1.00415	0.002696	0.21514	-4.64813	0.0935825	0.504895	-1.98061	0.00912993	0.293088	-3.41195	0.964651	1.01656	1.01656	0.0262668	0.376508	-2.65599	4.47292	9.72874	1.93336	1
cg11414202	NLK	0.0350605	0.17803	0.77055	-1.29777	0.943194	0.987105	-1.01306	0.191949	0.777584	-1.28603	0.0203135	0.600797	-1.66446	0.0714966	0.693116	-1.44276	0.00217163	0.45679	-2.18919	0.0361115	0.641542	-1.55874	0.695602	1.07424	1.07424	0.138024	0.747622	-1.33757	3.86472	2.03024	0.466958	1
cg03509901	NLK;NLK	0.0497847	0.699137	1.10905	1.10905	0.0317994	0.511376	-1.95551	0.0914733	0.60939	-1.64098	0.521704	1.18896	1.18896	0.0742417	0.588529	-1.69915	0.533314	0.845226	-1.18312	0.00313816	0.340895	-2.93345	0.12226	0.639961	-1.56259	0.439204	0.810373	-1.234	3.39369	3.81755	0.999907	1
cg03550620	NLN	0.0195954	0.0176002	0.410164	-2.43805	0.0207315	0.423496	-2.3613	0.602838	0.850463	-1.17583	0.0920381	1.77223	1.77223	0.0510853	0.50383	-1.9848	0.8523	1.05919	1.05919	0.011917	0.379732	-2.63344	0.0813828	1.81494	1.81494	0.157819	0.627525	-1.59356	4.73732	7.14299	1.34028	1
cg14593867	NLN;NLN;SGTB	0.00322021	0.0185456	1.82662	1.82662	0.12283	1.42301	1.42301	0.0872425	1.48949	1.48949	0.859304	1.03815	1.03815	0.000484494	0.315241	-3.17217	0.163973	0.73096	-1.36806	0.0944835	0.678507	-1.47383	0.00945879	2.00155	2.00155	0.0950567	1.47264	1.47264	8.37972	5.90928	0.626834	1
cg04286003	NLRC3	9.18E-06	0.00169573	0.466548	-2.1434	9.55E-07	0.111048	-9.00509	1.49E-05	0.217155	-4.60502	0.0111055	0.58198	-1.71827	9.61E-05	0.307278	-3.25438	5.37E-06	0.173457	-5.76512	6.36E-05	0.28622	-3.49381	0.000698739	0.415173	-2.40864	0.000125815	0.321307	-3.11229	41.4795	18.9897	0.406942	1
cg04787728	NLRC3	4.22E-05	0.000592354	0.379629	-2.63415	0.0600421	0.678862	-1.47305	0.00122646	0.421735	-2.37116	0.000786222	0.395824	-2.52637	1.83E-06	0.114451	-8.73733	0.000580118	0.378445	-2.64239	5.01E-05	0.24933	-4.01075	0.0845242	0.705825	-1.41678	0.000166372	0.310038	-3.22541	27.8353	14.6972	0.469339	1
cg16559302	NLRC3	5.15E-05	0.0700476	0.738596	-1.35392	1.14E-05	0.248224	-4.02862	0.000162487	0.381831	-2.61896	0.679725	1.06407	1.06407	1.10E-05	0.2467	-4.0535	0.290888	1.17817	1.17817	0.000153087	0.378655	-2.64092	0.023445	0.666981	-1.49929	0.472336	0.896409	-1.11556	26.4114	9.36144	0.315064	1
cg27179111	NLRC3	0.000209027	0.000358781	0.336454	-2.97218	0.0154239	0.568075	-1.76033	0.0027575	0.455788	-2.194	0.00530086	0.497015	-2.01201	0.00207436	0.4383	-2.28154	0.024582	0.600863	-1.66427	1.45E-05	0.179769	-5.56268	0.0440606	1.55296	1.55296	0.00166084	0.424831	-2.35388	18.1525	10.406	0.509558	1
cg27146574	NLRC3	0.00038623	0.0148748	0.711394	-1.40569	0.267491	0.876943	-1.14032	5.30E-05	0.423986	-2.35857	0.660868	0.951053	-1.05147	0.036117	0.758018	-1.31923	0.000525593	0.541067	-1.8482	0.00637311	1.4972	1.4972	0.79797	0.971262	-1.02959	0.000572257	0.545401	-1.83351	15.3477	3.14111	0.181923	1
cg03320754	NLRC3	0.000494019	0.00998805	0.521448	-1.91774	0.514571	0.876085	-1.14144	0.00499522	0.475357	-2.10368	0.237189	0.780448	-1.28131	0.00619084	0.489396	-2.04333	0.0253601	0.587408	-1.7024	1.11E-05	0.153816	-6.50128	0.0958687	1.4421	1.4421	0.0182053	0.563343	-1.77512	14.3383	9.09901	0.564084	1
cg10186768	NLRC3	0.000843134	0.968195	1.0062	1.0062	0.662324	1.07044	1.07044	0.000103466	0.345145	-2.89733	0.058039	0.71758	-1.39357	0.000127351	0.356076	-2.80839	0.00957879	0.601623	-1.66217	0.0842507	1.3443	1.3443	0.225552	0.821069	-1.21792	0.141567	0.782821	-1.27743	12.3481	4.69252	0.337795	1
cg27366775	NLRC3	0.00101315	0.765243	0.949812	-1.05284	0.00470258	1.90776	1.90776	0.00048315	0.390198	-2.5628	0.924256	1.01649	1.01649	0.00095106	0.428736	-2.33244	0.0296136	1.55323	1.55323	0.0193817	1.62601	1.62601	0.0345921	1.52757	1.52757	0.595517	1.0965	1.0965	11.723	5.48937	0.416228	1
cg16558659	NLRC3	0.00374276	0.579735	0.929555	-1.07578	0.393592	1.12089	1.12089	0.218641	0.844534	-1.18409	0.335751	1.13841	1.13841	0.0108296	0.658406	-1.51882	0.0350862	0.72569	-1.378	0.000419056	2.07593	2.07593	0.0774642	1.29215	1.29215	0.0373949	0.729458	-1.37088	8.01112	2.1639	0.2401	1
cg16538366	NLRC3	0.0197723	0.0181859	0.488717	-2.04618	0.470379	0.832473	-1.20124	0.682242	0.902326	-1.10825	0.0238002	0.509882	-1.96124	0.0153272	0.475612	-2.10256	0.0577015	0.58518	-1.70888	0.00171261	0.327006	-3.05805	0.540229	1.16744	1.16744	0.159227	0.686863	-1.45589	4.72289	4.66306	0.877628	1
cg00011564	NLRC3	0.0204201	0.0262387	0.67049	-1.49145	0.00574581	0.577599	-1.73131	0.436174	0.886527	-1.128	0.134903	0.7832	-1.27681	0.549162	0.9122	-1.09625	0.933674	1.0127	1.0127	0.020366	1.52791	1.52791	0.0790098	1.34406	1.34406	0.347603	1.15792	1.15792	4.67142	1.70072	0.323618	1
cg02819734	NLRC3	0.0362247	0.0160823	0.21466	-4.65853	0.0531092	0.317296	-3.15163	0.0164412	0.216243	-4.62443	0.574087	0.743313	-1.34533	0.0131458	0.200657	-4.98363	0.0315871	0.268033	-3.73089	0.0139277	0.204587	-4.88789	0.374059	0.620887	-1.6106	0.145662	0.442177	-2.26154	3.81919	16.504	3.84118	1
cg22171142	NLRC3	0.0428785	0.936249	1.01245	1.01245	0.0660638	0.727022	-1.37547	0.0232212	0.657375	-1.5212	0.669987	0.935868	-1.06853	0.00671286	0.580684	-1.72211	0.215936	0.817627	-1.22305	0.967054	0.993634	-1.00641	0.757507	1.04905	1.04905	0.0098104	0.60365	-1.65659	3.58963	1.35905	0.336537	1
cg03065612	NLRC3	0.048887	0.885242	1.04251	1.04251	0.0104652	2.53176	2.53176	0.341479	0.753861	-1.3265	0.1633	0.651225	-1.53557	0.625588	1.15229	1.15229	0.0169133	2.31609	2.31609	0.194801	1.48487	1.48487	0.125932	1.61175	1.61175	0.287038	0.727118	-1.37529	3.41721	4.49705	1.16978	1
cg08213607	NLRC3;NLRC3	0.000947751	0.0718283	0.568061	-1.76038	0.00203333	0.294024	-3.40108	0.00237781	0.303596	-3.29385	0.0261783	0.476019	-2.10076	8.04E-05	0.13492	-7.41178	0.00104242	0.255172	-3.91893	0.403042	1.27226	1.27226	0.470291	0.81328	-1.22959	0.00533863	0.35605	-2.80859	11.9468	14.9813	1.11467	1
cg21028608	NLRC4	0.00522711	0.755585	0.915048	-1.09284	0.88027	0.958051	-1.04379	0.436164	0.797826	-1.25341	0.0130675	0.416726	-2.39966	8.26E-05	0.133191	-7.50802	0.997369	1.00094	1.00094	0.287282	1.36908	1.36908	0.547971	0.841262	-1.18869	0.606555	0.862692	-1.15916	7.23962	9.26854	1.138	1
cg24609304	NLRC4	0.00603429	0.247974	0.715087	-1.39843	0.410306	0.791532	-1.26337	9.30E-05	0.144295	-6.93024	0.167792	0.66485	-1.5041	0.0260167	0.480206	-2.08244	0.715559	0.903378	-1.10696	0.0133862	0.427191	-2.34087	0.348354	0.764848	-1.30745	0.118893	0.625022	-1.59994	6.92696	8.45779	1.08533	1
cg14625450	NLRC4	0.00775799	0.918879	0.962742	-1.0387	0.00101405	0.16249	-6.15422	0.0480766	0.430792	-2.32131	0.908596	1.04374	1.04374	0.000542296	0.134767	-7.4202	0.116524	0.529592	-1.88825	0.477344	0.763925	-1.30903	0.887253	0.948498	-1.0543	0.0960418	0.505979	-1.97636	6.4057	14.0937	1.95572	1
cg07055315	NLRC4	0.00842457	0.961052	0.984696	-1.01554	0.893917	0.95874	-1.04304	0.0116319	0.369341	-2.70752	0.815901	0.928993	-1.07643	0.000322266	0.159206	-6.28116	0.00896332	0.350034	-2.85686	0.0758568	0.535815	-1.86632	0.0408359	0.474462	-2.10765	0.172755	0.632394	-1.58129	6.24157	9.85944	1.40413	1
cg23459416	NLRC4	0.0351762	0.663152	0.936447	-1.06787	0.0111578	0.620914	-1.61053	0.0104287	0.616839	-1.62117	0.44579	0.890081	-1.12349	0.425067	0.88511	-1.1298	0.338782	1.1592	1.1592	0.0220084	1.50917	1.50917	0.882875	0.978155	-1.02233	0.827143	1.03331	1.03331	3.86011	1.3723	0.316008	1
cg09561419	NLRC5	3.49E-05	0.156283	0.751157	-1.33128	0.0965283	1.41095	1.41095	0.0544061	0.66245	-1.50955	0.377885	0.843068	-1.18614	3.29E-07	0.0608289	-16.4396	0.653983	1.08886	1.08886	0.0928732	1.41743	1.41743	0.35567	0.835887	-1.19633	0.546201	1.12213	1.12213	29.2632	16.4988	0.501163	1
cg17625032	NLRC5	0.00140463	0.0741304	0.570559	-1.75267	0.194594	0.679161	-1.4724	0.0573924	0.545496	-1.83319	0.0240622	0.468261	-2.13556	0.000173952	0.165837	-6.03001	0.000868072	0.244378	-4.09202	0.000371543	0.200701	-4.98253	0.00939975	0.395181	-2.53048	0.00842138	0.387211	-2.58257	10.6794	13.447	1.11925	1
cg07839457	NLRC5	0.00153938	0.000453787	0.17853	-5.60131	0.0113402	0.372117	-2.68733	0.00516449	0.316199	-3.16257	0.0141537	0.389074	-2.5702	0.0365975	0.468898	-2.13266	0.00608357	0.327326	-3.05505	0.000104697	0.117918	-8.4805	0.0808635	0.546839	-1.82869	0.105499	0.576117	-1.73576	10.4017	16.0171	1.36877	1
cg16411857	NLRC5	0.0089782	0.00734931	0.398676	-2.5083	0.00463556	0.366975	-2.72498	0.00742901	0.399438	-2.50352	0.0160831	0.456567	-2.19026	0.612857	0.873011	-1.14546	0.0105187	0.424513	-2.35564	0.00269634	0.331713	-3.01466	0.0984788	0.617373	-1.61977	0.0501128	0.551834	-1.81214	6.11708	6.86304	0.997286	1
cg07223648	NLRC5	0.0142932	0.00356798	0.42952	-2.32818	0.337232	0.809134	-1.23589	0.0150064	0.527271	-1.89656	0.0955637	0.675744	-1.47985	0.00196468	0.391951	-2.55134	0.838074	1.04478	1.04478	0.914728	1.02319	1.02319	0.320375	0.802685	-1.24582	0.0170201	0.536413	-1.86423	5.26388	3.82023	0.645106	1
cg04097610	NLRC5	0.0160568	0.0186163	0.761488	-1.31322	0.774842	0.972978	-1.02777	0.0468348	1.2428	1.2428	0.0809108	0.831218	-1.20305	0.10343	0.843565	-1.18544	0.353945	1.09537	1.09537	0.00687109	0.715836	-1.39697	0.0127651	0.744154	-1.34381	0.0831812	0.832594	-1.20106	5.06502	0.731861	0.128438	1
cg00881185	NLRC5	0.0416174	0.475198	0.924767	-1.08135	0.435759	0.917919	-1.08942	0.100344	0.82374	-1.21398	0.973241	0.996394	-1.00362	0.00521463	0.672318	-1.48739	0.991585	1.00114	1.00114	0.00293659	0.644025	-1.55274	0.914567	1.01163	1.01163	0.693234	0.958195	-1.04363	3.62961	0.666934	0.163332	1
cg26963976	NLRC5;NLRC5	0.0136925	0.225105	1.39794	1.39794	0.107772	0.630366	-1.58638	0.130949	0.651284	-1.53543	0.261798	0.735154	-1.36026	0.491769	1.20153	1.20153	0.0139148	0.449832	-2.22305	0.00473248	0.372846	-2.68207	0.149825	1.50076	1.50076	0.0244804	2.0232	2.0232	5.33868	5.84552	0.973277	1
cg02169333	NLRC5;NLRC5	0.0223505	0.341581	0.752705	-1.32854	0.279124	0.721663	-1.38569	0.346353	1.32461	1.32461	0.0709737	1.79459	1.79459	0.0245294	2.17397	2.17397	0.808876	0.932164	-1.07277	0.00231044	0.291095	-3.4353	0.253255	1.41326	1.41326	0.487452	1.22692	1.22692	4.52929	6.02817	1.18305	1
cg18484189	NLRP10	0.000372394	0.00339501	0.502727	-1.98915	0.000653733	0.405717	-2.46477	0.0061987	0.539949	-1.85203	0.511119	1.12197	1.12197	4.62E-05	0.264909	-3.77487	0.410247	0.864667	-1.15651	0.0058369	1.86503	1.86503	0.0789864	0.714052	-1.40046	0.00541896	0.531546	-1.8813	15.5026	7.32082	0.419762	1
cg20311730	NLRP10	0.00798749	0.529679	0.757511	-1.32011	0.104491	2.16851	2.16851	0.105986	0.462957	-2.16003	0.74405	1.15362	1.15362	0.020224	0.294804	-3.39209	0.0445001	0.365513	-2.73588	0.000265492	0.0733747	-13.6287	0.165066	0.524177	-1.90775	0.338326	0.650176	-1.53804	6.34727	19.1256	2.6784	1
cg06679185	NLRP10	0.00966339	0.00045055	0.109494	-9.13292	0.897872	1.05269	1.05269	0.0187995	0.3204	-3.1211	0.97533	0.987712	-1.01244	0.00840994	0.260324	-3.84136	0.0800829	0.460036	-2.17374	0.847514	0.925912	-1.08002	0.749156	0.879612	-1.13687	0.0247772	0.343489	-2.9113	5.97562	15.1312	2.25081	1
cg03789934	NLRP11	0.0217637	0.0157241	0.245919	-4.06638	0.00340162	0.151573	-6.59747	0.09257	0.415964	-2.40405	0.181821	0.510882	-1.9574	0.00463691	0.167836	-5.95819	0.055517	0.35759	-2.7965	0.0336198	0.308488	-3.24161	0.0404643	0.325809	-3.06928	0.209878	0.534602	-1.87055	4.57083	16.257	3.1615	1
cg19744614	NLRP11	0.035716	0.00523617	0.372926	-2.6815	0.84388	1.05422	1.05422	0.902797	1.03326	1.03326	0.269063	0.734727	-1.36105	0.00529632	0.373702	-2.67593	0.0532	0.555299	-1.80083	0.336909	0.767091	-1.30363	0.0367019	0.522042	-1.91555	0.782705	0.928635	-1.07685	3.83886	4.36052	1.00968	1
cg16185840	NLRP11;NLRP4	0.000950452	0.193277	0.762069	-1.31222	0.0443407	0.633902	-1.57753	0.00897339	0.518979	-1.92686	0.00029225	0.311837	-3.20681	0.00016515	0.281608	-3.55104	0.375872	0.835797	-1.19646	0.000444925	0.334906	-2.98591	0.362801	0.831431	-1.20275	0.350235	1.20898	1.20898	11.9372	7.36492	0.548421	1
[illegible]	NLRP11;NLRP4;NLRP11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	NLRP11;NLRP4;NLRP11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	NLRP11;NLRP4;NLRP11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25866075	NLRP12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04695373	NLRP12	0.00241822	0.474023	0.871414	-1.14756	0.716216	1.07145	1.07145	0.00220433	0.444333	-2.25057	0.220619	1.27561	1.27561	0.000339118	2.97873	2.97873	0.0223587	1.67763	1.67763	0.01832	1.71802	1.71802	0.60281	0.905526	-1.10433	0.237874	0.791587	-1.26329	9.12082	5.16162	0.503037	1
cg07042144	NLRP12	0.00786063	0.138468	0.752569	-1.32878	0.000386084	0.364497	-2.7435	0.142741	0.755203	-1.32415	0.0800148	0.707383	-1.41366	0.973993	0.994207	-1.00583	0.201385	1.27184	1.27184	0.066853	1.4422	1.4422	0.297582	0.824932	-1.21222	0.0225886	0.614674	-1.62688	6.37931	3.20929	0.44718	1
cg27188056	NLRP12	0.0190519	0.0996176	0.536611	-1.86355	0.883789	1.05174	1.05174	0.524776	0.800677	-1.24894	0.0272519	0.406083	-2.46255	0.00530246	0.281559	-3.55165	0.777521	0.906917	-1.10264	0.00922254	0.319826	-3.1267	0.00483803	0.275553	-3.62906	0.0328222	0.422679	-2.36586	4.78265	9.01106	1.67477	1
cg02921604	NLRP12;NLRP12	1.19E-05	6.06E-05	0.413578	-2.41792	1.57E-06	0.235964	-4.23794	0.000106506	0.442528	-2.25974	0.279347	0.874532	-1.14347	6.75E-05	0.419102	-2.38605	0.374138	0.896959	-1.11488	0.0174056	0.708121	-1.41219	3.97E-06	0.278529	-3.59028	0.000177044	0.468768	-2.13325	38.8111	8.73418	0.200039	1
cg00420742	NLRP12;NLRP12	0.00566355	0.0201313	0.475197	-2.10439	0.0735082	1.69827	1.69827	0.941664	1.01961	1.01961	0.777049	1.07826	1.07826	0.00138244	0.29204	-3.42418	0.00958899	0.418756	-2.38803	0.00240426	0.325533	-3.07189	0.272481	0.738482	-1.35413	0.0662246	0.578759	-1.72783	7.06366	7.88108	0.991753	1
cg22642498	NLRP12;NLRP12	0.00594829	0.0201334	2.23926	2.23926	0.000229703	5.80955	5.80955	0.00741219	2.69665	2.69665	0.145463	1.56758	1.56758	0.0367762	2.00903	2.00903	0.0696581	1.79228	1.79228	0.0050338	2.90649	2.90649	0.157549	1.54439	1.54439	0.132537	1.59486	1.59486	6.95772	9.11368	1.16432	1
cg03524354	NLRP12;NLRP12	0.018064	0.0071258	0.288928	-3.46107	0.145158	0.571856	-1.74869	0.112702	0.539675	-1.85297	0.428869	0.749386	-1.33443	0.00642902	0.281912	-3.5472	0.0350053	0.415803	-2.40498	0.00171001	0.201976	-4.95109	0.624498	0.838428	-1.19271	0.140487	0.567556	-1.76194	4.86931	9.84077	1.79642	1
cg22337438	NLRP12;NLRP12	0.0368042	0.218525	0.642381	-1.55671	0.291052	0.687518	-1.45451	0.00580242	0.290632	-3.44078	0.0361147	0.434558	-2.30119	0.837952	0.932369	-1.07254	0.564182	1.22061	1.22061	0.0485924	2.16057	2.16057	0.793441	1.09389	1.09389	0.0531532	0.471742	-2.1198	3.7972	7.03259	1.64626	1
cg27281030	NLRP12;NLRP12	0.0465656	0.595604	1.17637	1.17637	0.281615	1.40401	1.40401	0.286957	1.39836	1.39836	0.27629	1.40975	1.40975	0.492773	1.23522	1.23522	0.934875	0.975522	-1.02509	0.00102622	4.37385	4.37385	0.942984	0.978543	-1.02193	0.204911	0.66656	-1.50024	3.48056	5.06932	1.29464	1
cg05927401	NLRP12;NLRP12;NLRP12	0.00137713	0.0332054	0.337739	-2.96087	0.00145935	0.134764	-7.42037	0.0157088	0.275008	-3.63626	0.646253	1.22324	1.22324	0.000605526	0.0997471	-10.0254	0.0907278	0.443708	-2.25374	0.000101009	0.0495529	-20.1805	0.152669	0.512783	-1.95014	0.0238935	0.308749	-3.23887	10.7402	32.3397	2.67653	1
cg24086536	NLRP13	0.0133842	0.00423993	0.0609107	-16.4175	0.00359596	0.0560195	-17.8509	0.0284521	0.15101	-6.62209	0.0791931	0.240581	-4.1566	0.00466496	0.0639106	-15.6468	0.335441	0.483774	-2.06708	0.70241	1.32397	1.32397	0.922493	0.931329	-1.07373	0.0489722	0.193327	-5.17258	5.37868	45.5264	7.52377	1
cg03770907	NLRP13	0.0140074	0.0114479	0.196676	-5.0845	0.00537253	0.151991	-6.57935	0.0155996	0.217858	-4.59015	0.988166	0.992407	-1.00765	0.0082038	0.175829	-5.68734	0.0624504	0.340382	-2.93787	0.00389664	0.135695	-7.36948	0.155335	0.457739	-2.18465	0.19444	0.493875	-2.0248	5.29897	22.167	3.71846	1
cg01424997	NLRP13	0.0230396	0.0183581	0.141434	-7.07043	0.0155147	0.131453	-7.60729	0.0222073	0.153551	-6.51249	0.160356	0.358751	-2.78745	0.00961034	0.106389	-9.39946	0.0658005	0.243889	-4.10023	0.00660313	0.0897741	-11.1391	0.0222218	0.153594	-6.51066	0.168229	0.366526	-2.72832	4.4822	33.1647	6.57707	1
cg20883730	NLRP14	0.00209033	0.00114889	0.260549	-3.83805	0.947149	0.981515	-1.01883	0.0284318	0.482912	-2.07077	0.615823	1.15303	1.15303	0.000393485	0.204089	-4.89982	0.425723	0.795388	-1.25725	0.000884477	0.246028	-4.06458	0.213669	0.691748	-1.44561	0.00476515	0.348284	-2.87122	9.51848	11.9416	1.11517	1
cg02347487	NLRP14	0.00662925	0.159667	0.726929	-1.37565	0.0275711	1.73851	1.73851	0.0201656	0.551699	-1.81258	0.000493535	0.314141	-3.18329	0.0921143	0.674673	-1.4822	0.0261928	0.5713	-1.75039	0.700726	0.921302	-1.08542	0.321896	1.24259	1.24259	0.366584	0.821292	-1.21759	6.72811	4.80043	0.634211	1
cg20564558	NLRP14	0.00892552	0.00331283	0.223672	-4.47084	0.233502	1.59627	1.59627	0.0101045	0.296685	-3.37058	0.901092	0.954515	-1.04765	0.0097067	0.293784	-3.40386	0.243323	0.633125	-1.57947	0.0129463	0.315079	-3.17381	0.26918	0.649962	-1.53855	0.00400851	0.235108	-4.25336	6.12851	13.606	1.97344	1
cg18752774	NLRP14	0.0313767	0.00998079	0.506351	-1.97491	0.0237203	0.56851	-1.75898	0.0408427	0.610308	-1.63852	0.607058	0.897173	-1.11461	0.326114	1.23624	1.23624	0.134407	0.71346	-1.40162	0.402333	1.19635	1.19635	0.0517282	1.58899	1.58899	0.695325	0.920969	-1.08581	4.02206	2.78708	0.615955	1
cg07655598	NLRP14;ZNF214;NLRP14	0.0435354	0.646394	0.853947	-1.17103	0.0704139	0.50099	-1.99605	0.00534806	3.5042	3.5042	0.13195	0.573645	-1.74324	0.0559166	0.477024	-2.09633	0.270391	0.675544	-1.48029	0.564118	0.819317	-1.22053	0.204122	0.632509	-1.581	0.302995	0.694423	-1.44004	3.56937	6.60402	1.64462	1
cg19972788	NLRP1;LOC728392	0.000151703	3.73E-05	0.257024	-3.89069	0.168621	0.77768	-1.28588	0.78424	0.954046	-1.04817	0.0458927	1.48028	1.48028	9.53E-06	0.194814	-5.13309	0.370548	0.85418	-1.17071	0.542594	1.11143	1.11143	0.463693	0.879989	-1.13638	0.00524841	0.53203	-1.87959	19.7966	9.21193	0.413626	1
cg22642477	NLRP1;NLRP1;NLRP1;NLRP1;NLRP1	0.0279027	0.243721	0.7114	-1.40568	0.0859991	0.588802	-1.69837	0.218663	0.696839	-1.43505	0.289228	0.735557	-1.35951	0.00208554	0.298399	-3.35122	0.0677519	0.564812	-1.7705	0.672087	1.12622	1.12622	0.581843	0.856177	-1.16798	0.00446384	0.346887	-2.88278	4.19292	5.17586	1.09727	1
cg10968958	NLRP2	1.13E-05	0.416743	1.24949	1.24949	0.879277	0.960032	-1.04163	3.78E-05	0.119712	-8.35338	0.696078	0.900009	-1.1111	8.90E-07	0.0301741	-33.141	0.000484689	0.230358	-4.34107	0.000458677	4.39523	4.39523	0.127337	1.55657	1.55657	0.000222525	0.192123	-5.20499	39.3458	44.8803	1.01392	1
cg20995778	NLRP2	5.69E-05	0.464267	0.924073	-1.08217	0.000463587	1.793	1.793	0.479352	0.926601	-1.07921	0.00475788	0.672071	-1.48794	0.272728	0.886018	-1.12865	0.00166803	0.620844	-1.61071	3.24E-06	0.311096	-3.21445	0.00046995	0.5584	-1.79083	0.294345	1.12221	1.12221	25.723	4.5785	0.158216	1
cg17760849	NLRP2	0.000298766	0.115415	0.649132	-1.54052	0.00218711	2.95913	2.95913	0.621362	0.881878	-1.13394	0.02819	1.92387	1.92387	0.150091	1.47629	1.47629	0.00150677	3.17228	3.17228	4.57E-05	0.142942	-6.99582	0.00260043	2.86715	2.86715	0.661806	1.11754	1.11754	16.4687	16.6263	0.897397	1
cg18059223	NLRP2	0.000303462	0.561771	0.872521	-1.1461	0.140941	1.44499	1.44499	0.00135987	0.339295	-2.94729	0.00485731	0.41976	-2.38231	0.000168355	0.225754	-4.42961	0.00121975	0.332824	-3.00459	5.41E-05	0.173887	-5.75087	0.00647007	0.439141	-2.27717	0.0028376	0.384708	-2.59937	16.3985	14.0336	0.760694	1
cg04887076	NLRP2	0.000376346	0.165255	0.72864	-1.37242	0.089746	0.670278	-1.49192	0.000353614	0.293086	-3.41197	0.00141252	0.372171	-2.68693	0.000141304	0.245461	-4.07396	0.00890911	0.490771	-2.03761	3.30E-05	0.178389	-5.60574	0.0809313	0.661052	-1.51274	0.396006	0.830345	-1.20432	15.4576	11.1995	0.644027	1
cg25651476	NLRP2	0.000424213	0.00686442	1.96515	1.96515	0.207433	1.29246	1.29246	0.0862428	0.693647	-1.44166	0.000983162	0.388475	-2.57417	0.00141005	0.409805	-2.44018	0.0158398	1.76889	1.76889	0.000188904	0.296691	-3.37051	0.0382731	1.58943	1.58943	0.597497	0.90228	-1.1083	14.9557	8.82167	0.524314	1
cg13425888	NLRP2	0.000485018	0.0161541	2.65556	2.65556	0.00146723	0.217814	-4.59106	0.340032	0.721567	-1.38587	0.636243	0.853755	-1.1713	0.0593764	0.493457	-2.02652	0.282316	0.6902	-1.44886	3.83E-05	0.0727675	-13.7424	0.458569	1.28464	1.28464	0.000479532	0.162273	-6.16245	14.4116	25.1386	1.55052	1
cg19689876	NLRP2	0.00656859	0.298522	0.674927	-1.48164	0.333508	1.43898	1.43898	0.0734837	0.482836	-2.07109	0.342331	0.699808	-1.42896	0.904349	0.957087	-1.04484	0.316475	0.685338	-1.45913	0.000301688	0.117202	-8.53226	0.00882083	3.37549	3.37549	0.40524	0.732943	-1.36436	6.74735	14.2248	1.87396	1
cg24348448	NLRP2	0.00955144	0.00591464	0.187441	-5.33502	0.56827	0.764772	-1.30758	0.029265	0.302929	-3.3011	0.0227571	0.281517	-3.55219	0.000889993	0.0988079	-10.1207	0.0366181	0.323262	-3.09346	0.549463	1.32528	1.32528	0.374409	1.52799	1.52799	0.16331	0.500643	-1.99743	5.99786	20.54	3.04405	1
cg15031253	NLRP2	0.0232366	0.424921	1.31373	1.31373	0.117554	1.76689	1.76689	0.81769	1.08039	1.08039	0.842977	1.06867	1.06867	0.900392	1.04282	1.04282	0.0385821	2.23083	2.23083	0.00553527	0.29501	-3.38972	0.0377095	2.24148	2.24148	0.0392054	0.449761	-2.2234	4.46905	7.93709	1.57868	1
cg06607594	NLRP2	0.0235329	0.0200538	0.151981	-6.57979	0.00296412	0.0646528	-15.4672	0.0926	0.288576	-3.4653	0.112487	0.313406	-3.19075	0.00771357	0.100405	-9.95964	0.163436	0.368334	-2.71493	0.567072	0.678076	-1.47476	0.0126023	0.124551	-8.02887	0.103632	0.30266	-3.30403	4.44955	31.7763	6.34797	1
cg27099991	NLRP2	0.0437985	0.0321138	0.0707981	-14.1247	0.0295686	0.067053	-14.9136	0.0529881	0.0983158	-10.1713	0.197557	0.237704	-4.20692	0.00852449	0.0289866	-34.4987	0.160203	0.205426	-4.86792	0.53118	1.95247	1.95247	0.499886	0.485592	-2.05934	0.0190357	0.0500754	-19.9699	3.56136	62.7575	15.6638	1
cg24040502	NLRP2;NLRP2	0.000276229	0.000732165	3.61536	3.61536	0.00508636	2.52734	2.52734	0.129955	0.663935	-1.50617	0.0493067	0.57018	-1.75383	0.00380164	0.37629	-2.65753	0.298725	1.30956	1.30956	0.000107509	0.180838	-5.52982	0.00352389	2.69302	2.69302	0.203102	0.714334	-1.3999	16.8257	16.7067	0.882606	1
cg21919599	NLRP3;NLRP3	6.23E-06	3.16E-07	0.0952112	-10.503	0.315642	0.849113	-1.1777	5.66E-05	0.307643	-3.25052	0.000982703	0.461884	-2.16504	3.60E-05	0.284936	-3.50956	0.0737069	0.730302	-1.3693	0.0067205	1.74036	1.74036	1.95E-05	0.255219	-3.9182	0.00411498	0.545143	-1.83438	45.8529	18.048	0.349872	1
cg21806273	NLRP3;NLRP3	6.64E-05	7.19E-07	0.0888886	-11.25	0.228251	1.25634	1.25634	0.0257957	0.620213	-1.61235	0.831337	0.962243	-1.03924	0.140854	0.751396	-1.33086	0.00416323	0.500067	-1.99973	0.00599057	0.522998	-1.91205	0.00834292	0.544267	-1.83733	0.0133392	0.575127	-1.73875	24.6976	12.7368	0.458411	1
cg07313373	NLRP3;NLRP3	8.66E-05	2.19E-06	0.0482948	-20.7062	0.194843	0.698858	-1.43091	0.00126964	0.292695	-3.41652	0.0068599	0.400599	-2.49626	0.000182946	0.191507	-5.22175	0.00146644	0.301169	-3.32039	0.350081	0.777773	-1.28572	0.000718298	0.260496	-3.83883	0.00621342	0.393714	-2.53992	23.0115	24.8821	0.961146	1
cg18183941	NLRP3;NLRP3	0.000483679	4.47E-05	0.0556065	-17.9835	0.852778	0.932895	-1.07193	0.00186695	0.192037	-5.20733	0.0196957	0.348773	-2.86719	0.00128599	0.172986	-5.78081	0.0039493	0.234646	-4.26174	0.0249304	0.368676	-2.71241	0.000176386	0.0927482	-10.7819	0.0154845	0.329399	-3.03583	14.4226	31.9361	1.96827	1
cg03505654	NLRP3;NLRP3	0.016858	0.0329742	0.300799	-3.32448	0.653554	0.804422	-1.24313	0.00816689	0.195794	-5.1074	0.00564682	0.173852	-5.75201	0.0191673	0.255304	-3.91689	0.747622	0.855968	-1.16827	0.0481783	0.33697	-2.96763	0.442073	1.45875	1.45875	0.00962506	0.206254	-4.8484	4.98344	18.3148	3.26678	1
cg06710101	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.000323597	5.36E-05	0.16499	-6.06096	0.845945	0.954558	-1.04761	0.0211137	0.515294	-1.94064	0.613356	1.12955	1.12955	4.18E-05	0.154838	-6.45836	0.53383	0.860145	-1.16259	0.170041	1.41821	1.41821	0.0017792	0.345219	-2.89671	0.0296735	0.542283	-1.84406	16.1124	14.5868	0.804722	1
cg03466998	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.00224727	2.75E-05	0.05692	-17.5685	0.990252	1.00424	1.00424	0.014873	0.353949	-2.82527	0.60299	0.833664	-1.19952	0.421652	1.32923	1.32923	0.908252	1.04078	1.04078	0.833254	0.929515	-1.07583	0.315465	0.697777	-1.43312	0.711882	0.879313	-1.13725	9.31911	17.7413	1.69222	1
cg24639969	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.00458783	0.00110868	0.0701385	-14.2575	0.0331907	0.252446	-3.96125	0.00130525	0.0751621	-13.3046	0.970537	1.02063	1.02063	0.0276984	0.237167	-4.21644	0.984026	0.988992	-1.01113	0.897417	1.07392	1.07392	0.346339	0.584978	-1.70947	0.00161528	0.0821433	-12.1738	7.53338	36.4721	4.30347	1
cg07164722	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.0132006	0.00547539	0.140417	-7.12167	0.72527	0.827272	-1.20879	0.0267225	0.243942	-4.09934	0.0109262	0.179638	-5.56674	0.00469031	0.132673	-7.53733	0.981363	1.01263	1.01263	0.737331	0.834515	-1.1983	0.0375068	0.273302	-3.65895	0.00678973	0.151787	-6.58819	5.40303	24.7161	4.06621	1
cg12280471	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.0277985	0.00280657	0.0646242	-15.4741	0.0367707	0.199102	-5.02254	0.0971808	0.297886	-3.35699	0.15995	0.368295	-2.71521	0.0163436	0.141866	-7.04891	0.066575	0.254478	-3.92961	0.153336	0.361617	-2.76536	0.010546	0.117595	-8.50378	0.0782074	0.272065	-3.67559	4.19845	29.4293	6.23072	1
cg19023876	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.0279984	0.0810394	0.588316	-1.69977	0.161324	0.663503	-1.50715	0.140198	0.647134	-1.54528	0.420726	1.25305	1.25305	0.0983111	0.608221	-1.64414	0.0118702	0.42261	-2.36625	0.0106544	0.414562	-2.41219	0.0056753	0.369695	-2.70493	0.889357	1.03891	1.03891	4.18787	4.98816	1.05875	1
cg21991396	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.0417349	0.0242327	0.203503	-4.91394	0.808344	0.865872	-1.15491	0.239379	0.481829	-2.07543	0.725466	1.23237	1.23237	0.00959613	0.143228	-6.98187	0.0340049	0.230717	-4.33432	0.0377307	0.239735	-4.17127	0.0146733	0.168562	-5.93254	0.220665	0.466227	-2.14488	3.62583	20.1685	4.94441	1
cg14930706	NLRP4	2.76E-06	0.246904	1.14046	1.14046	0.000938114	0.585191	-1.70884	0.000209492	0.510086	-1.96045	0.115753	1.20392	1.20392	3.43E-07	0.201472	-4.96348	0.00864032	1.43825	1.43825	0.0579088	1.26202	1.26202	0.371089	0.905115	-1.10483	6.39E-07	0.228026	-4.38546	56.5359	10.5505	0.165881	1
cg15660352	NLRP4	0.00206449	0.686537	0.861775	-1.1604	0.756856	0.892366	-1.12062	0.0279987	0.386018	-2.59055	0.299221	0.674007	-1.48366	2.18E-05	0.0437959	-22.8332	0.236886	0.634824	-1.57524	0.462364	1.31565	1.31565	0.747646	0.888366	-1.12566	0.129898	0.548868	-1.82193	9.5531	20.3427	1.89283	1
cg13645481	NLRP4	0.00375044	0.0132525	0.257066	-3.89005	0.000504877	0.0901906	-11.0876	0.0561798	0.384021	-2.60403	0.120492	0.474608	-2.107	0.00905853	0.230423	-4.33985	0.0107897	0.242376	-4.12582	0.00109341	0.118644	-8.42855	0.00451433	0.187343	-5.33781	0.0946194	0.443517	-2.2547	8.00619	24.8317	2.75695	1
cg10204725	NLRP4	0.00688181	0.00391843	0.197695	-5.05829	0.0168129	0.295793	-3.38074	0.0331783	0.353586	-2.82816	0.0440155	0.380511	-2.62805	0.00119928	0.137869	-7.25329	0.123758	0.498565	-2.00576	0.00121165	0.138322	-7.2295	0.273775	0.621573	-1.60882	0.193755	0.563206	-1.77555	6.65032	18.3611	2.45416	1
cg13953532	NLRP4	0.0130233	0.00797147	0.238262	-4.19705	0.0155525	0.28613	-3.49492	0.0810845	0.44235	-2.26065	0.0745183	0.432613	-2.31153	0.00488978	0.207426	-4.821	0.0328836	0.349084	-2.86464	0.00267631	0.173647	-5.7588	0.016574	0.291066	-3.43564	0.256663	0.606955	-1.64757	5.42697	15.2868	2.50384	1
cg11294364	NLRP4	0.0319166	0.0130979	0.068322	-14.6366	0.515763	0.562893	-1.77654	0.0188475	0.0836651	-11.9524	0.44834	0.509752	-1.96174	0.0066848	0.0465038	-21.5036	0.375781	0.45263	-2.20931	0.00947009	0.0568611	-17.5867	0.786954	1.26648	1.26648	0.121352	0.231151	-4.32617	3.99761	48.1491	10.7062	1
cg18740359	NLRP4	0.041855	0.0591126	0.245177	-4.07869	0.0261424	0.175389	-5.7016	0.0344361	0.19647	-5.08984	0.273091	0.471225	-2.12213	0.0518439	0.232343	-4.30399	0.0951912	0.29837	-3.35154	0.00389013	0.0769632	-12.9932	0.0361139	0.200345	-4.99138	0.217575	0.424993	-2.35298	3.62197	24.9617	6.12601	1
cg04785007	NLRP4	0.0466782	0.0191343	0.25464	-3.92711	0.50104	0.719294	-1.39025	0.0326329	0.299311	-3.341	0.349306	1.59174	1.59174	0.00761498	0.190991	-5.23586	0.773021	0.869775	-1.14972	0.745592	1.17007	1.17007	0.685597	1.21696	1.21696	0.063783	0.365929	-2.73277	3.4774	12.8188	3.27674	1
cg17382459	NLRP4;NLRP4;NLRP11	0.00247883	0.00831085	0.291025	-3.43613	0.00225602	0.209311	-4.77759	0.00526842	0.260262	-3.84227	0.127839	0.547531	-1.82638	0.00220911	0.208145	-4.80434	0.0072195	0.281254	-3.5555	0.000358117	0.123015	-8.12912	0.00602395	0.269047	-3.71682	0.0929581	0.508509	-1.96653	9.05467	19.1974	1.88459	1
cg23985930	NLRP5	8.85E-05	9.81E-05	0.322181	-3.10385	3.99E-05	0.276569	-3.61574	0.000403839	0.398288	-2.51075	0.627989	0.923189	-1.0832	0.000269164	0.375977	-2.65974	0.192432	1.25334	1.25334	0.00197894	2.04477	2.04477	0.0106303	0.591092	-1.69178	0.0655701	0.713014	-1.4025	22.8717	9.70444	0.377154	1
cg15419294	NLRP5	0.00666288	0.0319481	0.286292	-3.49294	0.472789	0.69533	-1.43817	0.149104	0.46308	-2.15945	0.333596	0.608798	-1.64258	0.000150755	0.0392659	-25.4674	0.49933	1.40668	1.40668	0.148542	2.16208	2.16208	0.429861	1.49329	1.49329	0.777431	0.868475	-1.15144	6.71754	26.3434	3.48584	1
cg14976001	NLRP5	0.00912679	0.0123843	0.0806662	-12.3968	0.185617	0.321449	-3.11091	0.00422408	0.0451718	-22.1377	0.435928	1.90162	1.90162	0.00210801	0.0303106	-32.9918	0.659594	1.43107	1.43107	0.373726	0.477912	-2.09244	0.692006	0.724735	-1.37982	0.00417856	0.044899	-22.2722	6.08529	63.0145	9.20465	1
cg15439294	NLRP5	0.0249853	0.0227992	0.223159	-4.48111	0.0170404	0.201651	-4.95907	0.0113526	0.17469	-5.72442	0.425578	0.638982	-1.56499	0.016315	0.1986	-5.03524	0.151387	0.429041	-2.33078	0.00721408	0.148272	-6.74436	0.019377	0.210905	-4.74148	0.217189	0.48934	-2.04357	4.35813	20.9143	4.26571	1
cg05023116	NLRP5	0.0343777	0.886562	0.917582	-1.08982	0.527539	1.47067	1.47067	0.0702005	0.295323	-3.38612	0.0866668	0.319719	-3.12774	0.00215607	0.0746019	-13.4045	0.282688	0.510347	-1.95945	0.0269584	0.206274	-4.84791	0.396082	1.68825	1.68825	0.165338	0.409958	-2.43928	3.89229	22.384	5.11188	1
cg06432119	NLRP6	6.93E-05	0.00440392	2.09755	2.09755	0.693261	1.08031	1.08031	0.00110815	0.391968	-2.55123	0.0443214	1.56846	1.56846	0.000448343	0.34004	-2.94083	5.54E-05	0.231904	-4.31213	0.000209018	3.34946	3.34946	0.00176153	0.419683	-2.38275	0.0443904	0.637686	-1.56817	24.4117	14.6795	0.534516	1
cg02471658	NLRP6	9.18E-05	5.47E-05	0.44858	-2.22926	0.000194437	0.512312	-1.95193	0.000453013	0.554539	-1.8033	0.170591	0.855842	-1.16844	6.87E-05	0.4601	-2.17344	4.01E-05	0.433052	-2.30919	0.878606	0.983828	-1.01644	0.0116706	0.714472	-1.39964	0.370432	1.10309	1.10309	22.6524	4.08266	0.160205	1
cg08961832	NLRP6	0.000621898	0.00233425	0.58039	-1.72298	0.0107996	0.663699	-1.50671	0.761953	0.961853	-1.03966	0.758468	0.961284	-1.04027	0.000287359	0.468731	-2.13342	4.13E-05	0.367804	-2.71884	0.0985308	0.793	-1.26103	0.0268396	0.714824	-1.39895	0.192098	1.19335	1.19335	13.4487	3.49086	0.230728	1
cg05864876	NLRP6	0.000795473	0.0113676	0.652129	-1.53344	0.000156973	0.41785	-2.3932	0.00717198	0.62604	-1.59734	0.0250094	1.433	1.433	0.000702642	0.498098	-2.00764	0.00602883	0.616291	-1.62261	0.294577	1.15796	1.15796	0.0298645	0.708368	-1.4117	0.0207819	0.686955	-1.4557	12.5521	3.61853	0.256249	1
cg10330545	NLRP6	0.000928913	0.592909	0.885456	-1.12936	0.702727	1.09029	1.09029	0.155758	1.40828	1.40828	0.000163271	4.26218	4.26218	0.0410538	0.587755	-1.70139	0.492561	0.854607	-1.17013	0.000134277	4.44308	4.44308	0.031448	1.76622	1.76622	0.432333	0.834732	-1.19799	12.0148	9.67007	0.715417	1
cg16359142	NLRP6	0.00146194	0.00661438	0.431119	-2.31955	0.0673267	0.61307	-1.63114	0.0173675	0.500905	-1.99639	0.558778	1.15155	1.15155	0.000104296	0.194541	-5.1403	0.00224142	0.360143	-2.77667	0.419348	0.821255	-1.21765	0.00642945	0.429168	-2.33009	0.00194866	0.351461	-2.84527	10.5574	9.52353	0.801843	1
cg16293853	NLRP6	0.00171613	0.477235	1.22272	1.22272	0.0838589	0.587262	-1.70282	0.0137829	0.428656	-2.33287	0.00246037	0.309779	-3.22811	0.0537776	0.543725	-1.83916	0.0281512	2.05723	2.05723	0.000400648	0.208707	-4.79142	0.00177212	0.289789	-3.45079	0.0355672	0.506223	-1.97542	10.0802	12.36	1.08992	1
cg09205751	NLRP6	0.0020107	0.000832681	0.171461	-5.83223	0.00062098	0.157854	-6.33498	0.0523654	0.461408	-2.16728	0.244921	0.652854	-1.53174	0.00148668	0.20059	-4.98529	0.0503522	0.457488	-2.18585	0.00319625	0.243883	-4.10033	0.00197914	0.216109	-4.6273	0.0128383	0.338483	-2.95436	9.62692	18.7377	1.73012	1
cg22331032	NLRP6	0.00332565	0.00300884	0.210016	-4.76155	0.00238021	0.196925	-5.07808	0.16655	0.567872	-1.76096	0.0776424	0.471244	-2.12204	0.00179111	0.181826	-5.49978	0.786939	0.901286	-1.10953	0.00198383	0.187155	-5.34316	0.00298564	0.209574	-4.77159	0.00775462	0.269329	-3.71293	8.29959	19.3456	2.07192	1
cg23437420	NLRP6	0.00504379	0.0155839	0.246427	-4.058	0.538027	1.34242	1.34242	0.0502363	0.348474	-2.86965	0.0995343	0.426305	-2.34574	0.00107569	0.102194	-9.78535	0.0161074	0.248892	-4.0178	0.00468611	0.169435	-5.90197	0.00242506	0.136144	-7.34516	0.0121774	0.228664	-4.37322	7.31908	25.8552	3.14006	1
cg06328831	NLRP6	0.0181197	0.0104865	0.364532	-2.74325	0.00935479	0.356109	-2.80813	0.0294712	0.447882	-2.23273	0.390811	0.759219	-1.31714	0.0390129	0.473081	-2.1138	0.0159357	0.39666	-2.52105	0.0273939	0.441516	-2.26492	0.00582206	0.322599	-3.09983	0.0334354	0.459065	-2.17834	4.86427	7.56111	1.3817	1
cg15451020	NLRP6	0.0208942	0.0416541	0.305094	-3.27768	0.344901	0.611544	-1.63521	0.0572963	0.337211	-2.96551	0.0439013	0.310169	-3.22405	0.00861479	0.183897	-5.43784	0.145961	0.454281	-2.20128	0.00590061	0.161881	-6.17739	0.00810512	0.180193	-5.5496	0.0129761	0.21044	-4.75195	4.63501	18.7576	3.59727	1
cg18016138	NLRP6	0.0356861	0.0109228	0.112704	-8.8728	0.173058	0.371314	-2.69314	0.0668339	0.245606	-4.07156	0.129501	0.326515	-3.06264	0.00821257	0.0991961	-10.081	0.346492	0.515587	-1.93954	0.0140307	0.125868	-7.94486	0.0455154	0.208641	-4.79293	0.0274711	0.168303	-5.94167	3.84002	28.3975	6.57346	1
cg02925222	NLRP6	0.044368	0.599958	0.884922	-1.13004	0.664251	1.10616	1.10616	0.309199	0.784174	-1.27523	0.980209	0.994286	-1.00575	0.42764	0.829363	-1.20574	0.78169	0.937839	-1.06628	0.0213205	0.527698	-1.89503	0.00345959	2.50182	2.50182	0.282951	1.294	1.294	3.54423	2.99582	0.751348	1
cg01560554	NLRP7;NLRP7;NLRP7	0.00645673	0.00792265	0.105056	-9.51875	0.000926501	0.037903	-26.3832	0.0868781	0.286171	-3.49441	0.560269	0.677252	-1.47656	0.00688196	0.0987433	-10.1273	0.0348846	0.196527	-5.08835	0.00134315	0.045819	-21.825	0.13932	0.34897	-2.86557	0.0793171	0.275575	-3.62878	6.78341	47.0396	6.164	1
cg18778097	NLRP7;NLRP7;NLRP7	0.00737941	0.0318084	0.364968	-2.73996	0.0111409	0.279557	-3.57708	0.0964372	0.481365	-2.07743	0.307198	0.654797	-1.52719	0.00424122	0.215835	-4.63318	0.00467013	0.221645	-4.51172	0.00162986	0.163972	-6.09861	0.00408427	0.213591	-4.68184	0.167544	0.554725	-1.8027	6.50695	16.536	2.25892	1
cg01879460	NLRP7;NLRP7;NLRP7	0.00924915	0.548559	0.759583	-1.31651	?	?	?	0.00984502	0.228134	-4.38338	0.805151	1.11847	1.11847	0.000519421	0.086121	-11.6116	0.0213347	0.28558	-3.50164	0.30763	1.61346	1.61346	0.228351	0.563984	-1.7731	0.307332	0.61959	-1.61397	6.1819	17.8583	2.88881	1
cg14876043	NLRP7;NLRP7;NLRP7	0.0108399	0.0114763	0.220915	-4.52662	0.00326768	0.147437	-6.78258	0.0702445	0.380522	-2.62797	0.597917	1.28931	1.28931	0.000854817	0.0914709	-10.9324	0.838183	0.906984	-1.10256	0.343778	0.627738	-1.59302	0.98732	0.992441	-1.00762	0.74732	0.856983	-1.16688	5.75965	20.7943	3.2092	1
cg18449187	NLRP7;NLRP7;NLRP7	0.0123674	0.00437437	0.0766907	-13.0394	0.602195	1.4259	1.4259	0.0331987	0.186441	-5.36363	0.833483	1.15262	1.15262	0.40475	0.562625	-1.77738	0.0386611	0.198754	-5.03135	0.000714996	0.0309378	-32.3229	0.624784	0.71709	-1.39452	0.321632	0.501175	-1.99531	5.51916	39.7869	6.40789	1
cg26484916	NLRP7;NLRP7;NLRP7	0.0230319	0.0134197	0.461255	-2.168	0.0241513	0.506861	-1.97293	0.0203638	0.493286	-2.02722	0.79914	1.06657	1.06657	0.00255003	0.347154	-2.88057	0.213289	0.718026	-1.39271	0.067504	0.595863	-1.67824	0.237711	0.731534	-1.36699	0.0391337	0.546967	-1.82826	4.48271	4.53523	0.899304	1
cg00751958	NLRP8	2.85E-05	0.0037186	0.259241	-3.85741	0.0530943	0.469028	-2.13207	0.0508403	0.464696	-2.15195	0.00851655	0.314554	-3.1791	8.48E-06	0.0354587	-28.2018	4.02E-05	0.0670928	-14.9047	4.99E-06	0.0277543	-36.0305	3.17E-05	0.0613089	-16.3108	0.00139583	0.202909	-4.92833	30.8675	58.0131	1.6706	1
cg01292613	NLRP8	0.00115792	0.0292043	0.298163	-3.35387	0.807727	0.891525	-1.12167	0.0367842	0.319058	-3.13422	0.0436389	0.335421	-2.98133	0.000331612	0.0653211	-15.309	0.00484784	0.172165	-5.80839	0.000174523	0.0498113	-20.0758	0.000752481	0.0900939	-11.0995	0.0138319	0.23867	-4.18988	11.2861	39.6431	3.12226	1
cg26351481	NLRP8	0.0117131	0.0400246	0.201182	-4.97063	0.021959	0.156138	-6.4046	0.059466	0.237544	-4.20974	0.461537	0.602617	-1.65943	0.0023031	0.0562467	-17.7788	0.0218454	0.155794	-6.41875	0.00171772	0.048637	-20.5605	0.0235194	0.160762	-6.22039	0.0804825	0.269834	-3.70598	5.61739	40.6162	6.42706	1
cg08026930	NLRP8	0.0193015	0.014272	0.292256	-3.42166	0.532896	0.773297	-1.29316	0.0270095	0.344443	-2.90324	0.80648	0.904924	-1.10506	0.0063396	0.235368	-4.24867	0.0583977	0.418732	-2.38817	0.00338906	0.197576	-5.06135	0.0194684	0.316744	-3.15712	0.321018	0.658791	-1.51793	4.76163	12.4951	2.33255	1
cg24459953	NLRP8	0.0263769	0.156085	0.243369	-4.10898	0.528947	0.552085	-1.81132	0.0253157	0.084047	-11.8981	0.303644	2.69726	2.69726	0.0274565	0.0881227	-11.3478	0.392519	0.442285	-2.26099	0.0044048	0.0290008	-34.4818	0.0134477	0.0578402	-17.289	0.0482601	0.122208	-8.18279	4.2765	58.7458	12.2106	1
cg22190114	NLRP8;NLRP8	0.0460772	0.011884	0.147144	-6.79606	0.590489	0.717811	-1.39312	0.0373689	0.228902	-4.36868	0.0951573	0.326582	-3.06201	0.00414211	0.0957515	-10.4437	0.199121	0.436898	-2.28886	0.0440347	0.243604	-4.10502	0.288218	0.510221	-1.95993	0.190394	0.429	-2.331	3.49439	20.6137	5.24365	1
cg12766231	NLRP9	0.00477424	0.0427793	0.321121	-3.11409	0.000643484	0.0779945	-12.8214	0.0278904	0.282034	-3.54567	0.0192254	0.251652	-3.97374	0.00284699	0.135238	-7.39435	0.753573	1.1658	1.1658	0.255859	1.78209	1.78209	0.0290287	0.285491	-3.50274	0.0153031	0.23448	-4.26475	7.4427	27.971	3.34061	1
cg24819427	NLRP9	0.0056181	0.738215	0.912243	-1.0962	0.060198	0.559645	-1.78685	0.000986058	0.261587	-3.82282	0.0574581	1.80107	1.80107	0.0887251	0.598008	-1.67222	0.470864	1.22245	1.22245	0.0320361	1.98935	1.98935	0.129914	0.638924	-1.56513	0.00713316	0.38614	-2.58974	7.08118	8.40929	1.0556	1
cg27637326	NLRP9	0.00749583	0.0101731	0.14204	-7.04029	0.00357033	0.0928264	-10.7728	0.0229983	0.194464	-5.14235	0.350832	0.560881	-1.78291	0.00389198	0.0962511	-10.3895	0.0301864	0.215474	-4.64093	0.00206503	0.0733283	-13.6373	0.0105675	0.144176	-6.93598	0.0575729	0.2744	-3.64432	6.47514	37.1876	5.10501	1
cg12280113	NLRP9	0.0158071	0.0162865	0.166676	-5.99965	0.636229	0.747827	-1.33721	0.0515544	0.258831	-3.86352	0.287732	0.510075	-1.9605	0.00657618	0.116188	-8.60673	0.321834	1.86678	1.86678	0.00166649	0.0643888	-15.5306	0.953189	0.964829	-1.03645	0.0792618	0.304748	-3.2814	5.09148	29.9958	5.23676	1
cg08475088	NLRP9	0.0376572	0.00861137	0.106342	-9.40364	0.40277	0.563953	-1.7732	0.0507339	0.225581	-4.43299	0.329186	0.509845	-1.96138	0.00534744	0.0859272	-11.6378	0.0627379	0.246399	-4.05846	0.560235	1.48292	1.48292	0.0798964	0.272543	-3.66914	0.0736581	0.263439	-3.79595	3.76559	26.6872	6.29966	1
cg07821737	NLRP9;NLRP9	0.000189673	0.00107091	0.188473	-5.3058	0.000124996	0.0994606	-10.0542	0.00379363	0.259662	-3.85116	0.00641002	0.293881	-3.40274	2.84E-05	0.0583289	-17.1442	0.00561692	0.284984	-3.50897	0.239976	1.52934	1.52934	0.00388084	0.261084	-3.83018	0.00030423	0.131805	-7.58698	18.637	35.1924	1.6785	1
cg24516766	NLRX1;NLRX1	2.29E-07	0.0367334	0.758838	-1.3178	0.000347641	1.92367	1.92367	6.10E-09	16.5175	16.5175	0.10116	0.815345	-1.22647	0.485077	0.922487	-1.08403	0.939707	0.991434	-1.00864	1.75E-07	6.23137	6.23137	0.580915	0.938557	-1.06547	0.0419204	1.30556	1.30556	106.629	21.8415	0.182077	1
cg26872475	NLRX1;NLRX1	5.46E-05	0.679807	0.919322	-1.08776	0.104284	1.43324	1.43324	5.29E-07	16.9195	16.9195	0.771726	1.06073	1.06073	0.202728	1.31333	1.31333	0.720518	1.07553	1.07553	0.0019196	2.43585	2.43585	0.618916	0.903362	-1.10698	0.339112	0.818971	-1.22104	26.0072	16.9215	0.578351	1
cg03029752	NLRX1;NLRX1	0.00106569	0.0666471	0.758649	-1.31813	0.724204	1.04873	1.04873	0.0509782	0.741862	-1.34796	0.922778	0.987061	-1.01311	8.73E-05	0.388698	-2.57269	0.00412528	0.59649	-1.67647	0.00106808	0.522344	-1.91445	0.000620659	0.492935	-2.02866	0.181557	0.826554	-1.20984	11.5559	3.30188	0.253983	1
cg20060178	NLRX1;NLRX1	0.00163705	0.0299475	0.468061	-2.13647	0.327365	0.740412	-1.3506	4.41E-05	9.99448	9.99448	0.860465	1.05369	1.05369	0.45649	0.798174	-1.25286	0.335381	0.744311	-1.34353	0.417571	0.781726	-1.27922	0.152424	1.57719	1.57719	0.0212973	2.27666	2.27666	10.2186	14.3004	1.24395	1
cg22397625	NLRX1;NLRX1	0.00308487	0.0555552	0.65853	-1.51853	0.0122732	0.548501	-1.82315	0.0170606	0.571246	-1.75056	0.64939	0.915648	-1.09212	7.43E-05	0.25009	-3.99857	0.00482481	0.486795	-2.05425	0.299845	0.813124	-1.22982	0.338464	0.826974	-1.20923	0.0401089	0.63337	-1.57886	8.4875	4.98338	0.521905	1
cg09803002	NLRX1;NLRX1	0.0119649	0.46033	0.852659	-1.1728	0.654794	1.10013	1.10013	0.417821	1.19192	1.19192	0.0458371	0.615454	-1.62482	0.00442762	0.446924	-2.23752	0.633505	1.10723	1.10723	0.0594287	1.57019	1.57019	0.00179923	0.390018	-2.56399	0.877588	0.967844	-1.03322	5.57879	3.973	0.633032	1
cg07478335	NLRX1;NLRX1	0.0187536	0.000692709	0.23013	-4.34538	0.0403428	0.51067	-1.95821	0.652005	1.13748	1.13748	0.171299	0.66146	-1.51181	0.0320393	0.490306	-2.03954	0.0276916	0.477798	-2.09293	0.136024	0.63392	-1.57749	0.940906	0.979182	-1.02126	0.464875	0.809724	-1.23499	4.80822	6.13151	1.13352	1
cg03358684	NLRX1;NLRX1	0.0497108	0.262434	0.752738	-1.32848	0.969271	0.99068	-1.00941	0.0660959	0.605835	-1.65062	0.73475	0.920658	-1.08618	0.00160453	0.332852	-3.00434	0.496826	0.845606	-1.18258	0.114841	0.659142	-1.51712	0.436596	0.824547	-1.21279	0.0332641	0.546136	-1.83105	3.39561	3.17782	0.831876	1
cg15343797	NLRX1;PDZD3;NLRX1;PDZD3	0.0162072	0.668758	0.783337	-1.27659	0.522902	0.692561	-1.44392	0.0165382	0.18992	-5.26537	0.0225628	0.21233	-4.70965	0.00240448	0.0908145	-11.0115	0.42961	0.632899	-1.58003	0.00608505	0.131081	-7.62888	0.0367495	0.252439	-3.96135	0.018166	0.196459	-5.09011	5.04933	25.7412	4.53151	1
cg01503516	NMB;NMB	0.0025419	0.000178453	0.24468	-4.08696	0.293217	1.27352	1.27352	0.0525325	0.613349	-1.63039	0.371486	1.22566	1.22566	0.000934612	0.334458	-2.98991	0.301021	1.26824	1.26824	0.103276	0.673576	-1.48461	0.567366	0.879683	-1.13677	0.0612591	0.626474	-1.59623	8.98795	6.99972	0.692257	1
cg17173187	NMB;NMB	0.00344556	0.380495	0.797303	-1.25423	0.000608291	3.78211	3.78211	0.0470746	1.77223	1.77223	0.165411	1.45143	1.45143	0.887818	1.03618	1.03618	0.297141	1.31282	1.31282	0.00105832	0.295438	-3.38481	0.89937	0.968644	-1.03237	0.0717393	1.65911	1.65911	8.21223	8.24705	0.892658	1
cg25653336	NMB;NMB	0.00628029	0.140471	1.25665	1.25665	0.311173	1.16295	1.16295	0.016969	0.657398	-1.52115	0.0248695	1.46916	1.46916	0.570566	0.920733	-1.08609	0.193506	0.820186	-1.21924	0.000937548	0.491044	-2.03648	0.947224	1.00958	1.00958	0.0134636	0.643533	-1.55392	6.8419	2.24914	0.292205	1
cg12863693	NMB;NMB	0.0149562	0.0847147	0.583034	-1.71517	0.149758	1.54802	1.54802	0.172554	1.50801	1.50801	0.00399229	2.98897	2.98897	0.143497	0.640952	-1.56018	0.329506	0.7522	-1.32943	0.00647821	0.367322	-2.7224	0.846018	1.05656	1.05656	0.576152	1.17329	1.17329	5.18572	6.57601	1.1272	1
cg17891194	NMB;NMB	0.0205431	0.659567	0.948522	-1.05427	0.83946	1.02448	1.02448	0.00303748	1.62282	1.62282	0.0695339	0.785042	-1.27382	0.735497	0.960383	-1.04125	0.305143	1.13496	1.13496	0.00790249	0.666195	-1.50106	0.725692	0.958874	-1.04289	0.221936	1.16537	1.16537	4.66187	1.04941	0.200093	1
cg12220058	NMB;NMB	0.0341751	0.227107	0.788996	-1.26743	0.903088	0.977491	-1.02303	0.132885	0.73857	-1.35397	0.0084126	1.87577	1.87577	0.182884	1.30233	1.30233	0.0147424	0.570679	-1.7523	0.0855391	0.701027	-1.42648	0.954254	1.01078	1.01078	0.704809	0.931338	-1.07372	3.9006	2.15786	0.491744	1
cg19517291	NMB;NMB	0.0474013	0.0198158	1.75501	1.75501	0.0169118	1.79063	1.79063	0.0493536	1.56596	1.56596	0.105591	1.42403	1.42403	0.0623127	1.52125	1.52125	0.0270207	1.68789	1.68789	0.017184	1.787	1.787	0.0818488	1.47039	1.47039	0.520445	1.13911	1.13911	3.45732	2.18896	0.562789	1
cg27032142	NMB;NMB;NMB;NMB	0.00344187	0.0599923	0.737252	-1.35639	0.658701	1.06473	1.06473	0.379343	1.13613	1.13613	0.595496	0.927153	-1.07857	0.07856	0.755798	-1.3231	0.000382814	0.4212	-2.37417	0.000363877	0.418162	-2.39142	0.65757	1.06497	1.06497	0.176816	0.81522	-1.22666	9.6369	2.96899	0.239622	1
cg20915763	NMB;NMB;WDR73	0.0404337	0.825487	0.931828	-1.07316	0.530728	1.22513	1.22513	0.0673184	0.51917	-1.92615	0.106308	1.75754	1.75754	0.00523821	0.30803	-3.24643	0.514514	0.809497	-1.23534	0.0385391	0.464713	-2.15187	0.105561	0.568168	-1.76004	0.114852	0.577972	-1.73019	3.66853	5.93978	1.43922	1
cg24134342	NMB;WDR73;NMB	0.0143176	0.0093493	0.223476	-4.47475	0.00321235	0.160699	-6.22281	0.41557	0.685031	-1.45979	0.273123	0.595418	-1.67949	0.00441272	0.177707	-5.62724	0.271567	0.594334	-1.68255	0.531219	1.3342	1.3342	0.06229	0.385201	-2.59605	0.0106557	0.232325	-4.30431	5.26092	17.2194	2.9094	1
cg17345081	NMBR	0.000368428	0.745118	0.9259	-1.08003	0.0257816	0.535322	-1.86804	0.349295	0.796596	-1.25534	0.506267	1.17254	1.17254	0.943166	1.01697	1.01697	8.28E-06	0.100724	-9.92816	0.178323	1.40148	1.40148	0.00841277	2.21302	2.21302	0.0745664	1.59815	1.59815	15.5483	13.7178	0.784239	1
cg07598952	NMBR	0.00174279	0.426695	0.884896	-1.13008	0.0271569	1.48292	1.48292	0.421099	0.883526	-1.13183	0.215923	1.2168	1.2168	0.150258	0.792665	-1.26157	0.487231	1.11221	1.11221	0.0324574	0.685756	-1.45824	5.94E-05	3.06277	3.06277	0.029201	1.47281	1.47281	10.0353	3.60818	0.319599	1
cg24924958	NMBR	0.00494294	0.0449718	0.657982	-1.5198	0.553706	0.896745	-1.11514	0.0100936	1.80495	1.80495	0.332902	1.19927	1.19927	0.0605294	0.680444	-1.46963	0.0595617	0.679205	-1.47231	0.240743	1.25036	1.25036	0.000770043	2.52545	2.52545	0.0715312	1.44209	1.44209	7.36435	3.86008	0.465918	1
cg18688293	NMBR	0.00863407	0.0569906	2.60656	2.60656	0.0119465	4.03574	4.03574	0.0092974	4.3397	4.3397	0.917812	0.955125	-1.04698	0.0107433	4.16126	4.16126	0.00239622	6.56605	6.56605	0.170963	1.9126	1.9126	0.00446845	5.40093	5.40093	0.0116139	4.06868	4.06868	6.1933	19.4074	2.78544	1
cg21460020	NMBR	0.0123697	0.296169	0.785261	-1.27346	0.349204	0.806491	-1.23994	0.501964	0.858927	-1.16424	0.918739	1.02304	1.02304	0.451566	0.842681	-1.18669	0.881063	0.96714	-1.03398	0.000441932	0.289927	-3.44914	0.0195586	1.87696	1.87696	0.244368	1.31231	1.31231	5.51882	4.35303	0.701121	1
cg17256157	NMBR	0.0216732	0.432949	0.867322	-1.15297	0.156126	0.763465	-1.30982	0.0842156	0.7119	-1.40469	0.200834	0.786368	-1.27167	0.810393	0.958146	-1.04368	0.274055	0.816722	-1.22441	0.00719445	0.539492	-1.85359	0.00400238	1.98975	1.98975	0.684841	1.07528	1.07528	4.57736	2.2939	0.445458	1
cg03873322	NMBR	0.0254111	0.360135	1.43775	1.43775	0.00751466	3.77228	3.77228	0.235174	1.61634	1.61634	0.332605	0.67996	-1.47067	0.00713111	3.82337	3.82337	0.444623	1.35085	1.35085	0.615862	1.21558	1.21558	0.00416862	4.40066	4.40066	0.201778	1.68234	1.68234	4.33256	10.2194	2.09666	1
cg13202845	NMBR	0.0287396	0.639015	0.86733	-1.15296	0.0120064	0.389077	-2.57019	0.347735	0.747315	-1.33812	0.718026	0.896509	-1.11544	0.131358	0.612184	-1.6335	0.188445	0.657163	-1.52169	0.0293638	0.461577	-2.16649	0.0125309	2.54889	2.54889	0.213705	1.48357	1.48357	4.14944	5.96472	1.27775	1
cg01818795	NMBR	0.0382808	0.00672029	5.10743	5.10743	0.749104	1.16052	1.16052	0.590203	0.777058	-1.2869	0.0160611	3.92379	3.92379	0.465383	1.41155	1.41155	0.636561	0.801857	-1.24711	0.298338	0.60644	-1.64897	0.0228658	3.53709	3.53709	0.103442	2.2848	2.2848	3.74304	12.7603	3.03029	1
cg08109815	NMBR;NMBR	0.0324315	0.51175	0.744581	-1.34304	0.258107	1.68707	1.68707	0.968054	0.982407	-1.01791	0.0101708	4.20578	4.20578	0.266468	0.59861	-1.67054	0.595894	0.788827	-1.2677	0.513367	0.745446	-1.34148	0.00279333	6.21095	6.21095	0.275356	1.6536	1.6536	3.97476	12.3653	2.76529	1
cg03832336	NMD3	0.00840166	0.943463	0.993876	-1.00616	0.123855	1.15527	1.15527	0.000672186	1.56912	1.56912	0.261813	1.10666	1.10666	0.764948	0.974365	-1.02631	0.0254779	0.794576	-1.25853	0.0139616	0.768773	-1.30077	0.81948	0.980397	-1.01999	0.829296	0.981473	-1.01888	6.24694	0.742141	0.105601	1
cg00294898	NMD3	0.0305057	0.195563	1.77105	1.77105	0.717227	1.16261	1.16261	0.0877041	2.20872	2.20872	0.861429	1.07502	1.07502	0.938835	1.03228	1.03228	0.712143	1.16594	1.16594	0.0258936	0.324589	-3.08082	0.00232825	0.155751	-6.4205	0.639971	1.21559	1.21559	4.47145	11.8808	2.06658	1
cg11599457	NME1-NME2;NME1;NME1	0.0298189	0.269615	0.642465	-1.55651	0.00741756	0.265168	-3.77119	0.700503	0.861787	-1.16038	0.265673	0.639922	-1.56269	0.00411812	0.227418	-4.39719	0.856685	0.932791	-1.07205	0.0120346	0.280591	-3.56388	0.793242	1.10638	1.10638	0.0596296	0.441272	-2.26617	4.09563	9.60799	2.08526	1
cg09676484	NME1;NME1-NME2;NME1	0.00131801	0.00140496	0.066254	-15.0934	0.00656975	0.125993	-7.93695	0.00539833	0.116571	-8.57849	0.158541	0.412922	-2.42176	0.00420345	0.105417	-9.48616	0.0036763	0.0998124	-10.0188	0.000327378	0.0331581	-30.1586	0.00062687	0.0456932	-21.8851	0.00651769	0.125599	-7.96182	10.8761	59.3207	4.84818	1
cg00965052	NME1;NME1-NME2;NME1;NME1-NME2;NME1	0.0038771	0.034844	2.4719	2.4719	0.096881	1.90105	1.90105	?	?	?	?	?	?	0.000548044	0.0851827	-11.7395	0.141252	1.73299	1.73299	0.262307	1.48843	1.48843	0.0633027	2.1148	2.1148	?	?	?	16.2112	17.2098	0.884662	1
cg06570311	NME2;NME1;NME1-NME2;NME1	0.00668257	0.0848451	0.831148	-1.20315	0.794414	1.02567	1.02567	0.0804064	0.828439	-1.20709	0.0206362	0.762971	-1.31067	0.000838627	0.577223	-1.73243	0.0355179	0.788569	-1.26812	0.00610267	0.706527	-1.41537	?	?	?	0.0791612	0.827654	-1.20823	6.85152	0.908495	0.132598	1
cg12961714	NME2;NME2;NME1-NME2;NME2	0.0343641	0.0954065	0.870503	-1.14876	0.767133	0.97777	-1.02273	0.226839	1.10082	1.10082	0.0184476	0.805419	-1.24159	0.00585979	0.761057	-1.31396	0.796267	1.01978	1.01978	0.293204	0.92077	-1.08605	0.36577	1.07288	1.07288	0.114133	1.13894	1.13894	3.8925	0.353321	0.0806769	1
cg26508844	NME2;NME2;NME1-NME2;NME2;NME2;NME2	0.02695	0.162233	1.51338	1.51338	0.445104	0.805615	-1.24129	0.992	1.00279	1.00279	0.429046	0.799179	-1.25128	0.236249	0.708488	-1.41146	0.32583	1.32538	1.32538	0.000797493	0.245052	-4.08077	0.229657	1.41906	1.41906	0.835719	0.943971	-1.05935	4.24443	5.18311	1.08547	1
cg00099306	NME2;NME2;NME1-NME2;NME2	0.000178444	0.0550189	0.716444	-1.39578	0.0100455	1.64541	1.64541	0.189151	0.807995	-1.23763	0.886762	0.978398	-1.02208	1.49E-05	0.252407	-3.96185	5.60E-05	0.317332	-3.15127	0.490561	1.1133	1.1133	0.170408	1.25078	1.25078	0.160975	0.794946	-1.25795	18.9474	7.04912	0.330698	1
cg22932220	NME2;NME2;NME1-NME2;NME2	0.0138459	0.00566339	0.38813	-2.57645	0.0190093	0.476959	-2.09662	0.495508	0.834904	-1.19774	0.0934892	0.618181	-1.61765	0.0255239	0.50061	-1.99757	0.7091	1.10264	1.10264	0.00279908	0.341641	-2.92705	0.00765646	0.409122	-2.44426	0.598747	0.870714	-1.14848	5.31919	5.72668	0.956984	1
cg12251075	NME2;NME2;NME1-NME2;NME2	0.01401	0.00423969	0.284163	-3.51911	0.0103047	0.34558	-2.89369	0.529269	0.810994	-1.23305	0.111787	0.565955	-1.76692	0.00894607	0.335225	-2.98307	0.061043	0.499621	-2.00152	0.0158289	0.378486	-2.6421	0.00534789	0.299417	-3.33983	0.0369547	0.450555	-2.21752	5.29865	9.0666	1.52099	1
cg10447247	NME2P1	0.00355016	0.44501	0.908637	-1.10055	0.0052133	1.57397	1.57397	0.391282	1.11415	1.11415	0.508827	0.920836	-1.08597	0.000210298	0.466403	-2.14407	0.0474576	0.756522	-1.32184	0.0847105	1.26444	1.26444	0.910157	0.986206	-1.01399	0.652493	0.945748	-1.05736	8.13906	1.95195	0.213178	1
cg10990685	NME2P1	0.00594857	0.319769	1.12118	1.12118	0.109906	0.823767	-1.21394	0.0777572	0.804656	-1.24277	0.0142876	0.945624	-1.0575	0.696807	1.04452	1.04452	0.938931	0.991512	-1.00856	0.00132662	0.29026	-3.44521	[illegible]	0.925871	-1.08006	0.484043	0.923928	-1.08234	6.95762	1.36388	0.174246	1
cg12901799	NME2P1	0.0277739	0.66082	1.25113	1.25113	0.5617	0.765504	-1.30633	0.0390242	0.297536	-3.36094	0.579319	1.32863	1.32863	0.000966246	0.0826648	-12.097	0.658674	0.798054	-1.25305	0.0342972	0.285652	-3.50076	0.995448	0.997109	-1.0029	0.191464	0.495724	-2.01725	4.19975	17.1258	3.62472	1
cg12986027	NME2P1	0.0304908	0.0124968	0.503165	-1.98742	0.661519	0.907216	-1.10227	0.127818	0.694967	-1.43892	0.0345413	0.579953	-1.72428	0.00493415	0.4391	-2.27739	0.0234287	0.549658	-1.81931	0.0577013	0.622295	-1.60696	0.611339	0.89291	-1.11993	0.0244064	0.552787	-1.80901	4.06333	3.14385	0.687745	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08640252	NME3	0.00171563	0.154775	2.91411	2.91411	0.0058645	12.5894	12.5894	0.00089654	32.8463	32.8463	0.000119029	113.018	113.018	0.89708	1.09515	1.09515
cg10471544	NME3	0.0171066	0.312617	1.5564	1.5564	0.00169041	6.68728	6.68728	0.00287591	5.67739	5.67739	0.11272	2.07768	2.07768	0.782545	0.889423	-1.12432
cg16445708	NME3;MRPS34;EME2	0.0276661	0.143707	1.19356	1.19356	0.0178088	1.3833	1.3833	0.616737	0.944753	-1.05848	0.514786	0.928303	-1.07723	0.208126	1.16122	1.16122
cg00485296	NME3;NME3	0.000624706	0.302822	1.2211	1.2211	0.215333	0.783434	-1.27643	0.462875	0.869491	-1.1501	0.173236	0.762462	-1.31154	0.325171	0.826848	-1.20941
cg03080965	NME3;NME3	0.00516869	0.327346	0.706326	-1.41578	0.0288445	0.41221	-2.42595	0.414529	0.75066	-1.33216	0.66578	0.861197	-1.16117	0.240776	0.655552	-1.52543
cg06829266	NME4	0.00608427	0.666184	0.903857	-1.10637	0.115197	0.671055	-1.49019	0.0122459	0.483451	-2.06846	0.230584	0.746078	-1.34034	0.0763702	0.631801	-1.58278
cg25507001	NME5	0.00317124	0.238913	0.810159	-1.23433	0.000237627	2.82662	2.82662	0.151624	1.29981	1.29981	0.117066	1.33721	1.33721	0.507602	0.891602	-1.12158
cg13707560	NME5	0.0168799	0.2121	1.30685	1.30685	0.205802	1.31226	1.31226	0.00174406	2.48125	2.48125	0.21443	1.30489	1.30489	0.291122	1.24988	1.24988
cg09047573	NME5	0.0214549	0.542265	0.88632	-1.12826	0.0174421	1.7615	1.7615	0.125975	1.38251	1.38251	0.838741	1.04067	1.04067	0.275362	0.800914	-1.24857
cg17954695	NME5;BRD8	0.0103903	0.0142647	0.152597	-6.55319	0.00373468	0.0875342	-11.4241	0.0284843	0.200288	-4.9928	0.417297	0.597144	-1.67464	0.00594364	0.10672	-9.37035
cg04079263	NME6	0.000407401	0.320093	1.1137	1.1137	0.635018	0.951116	-1.0514	0.782338	0.97139	-1.02945	0.0240924	1.32572	1.32572	0.686071	1.04351	1.04351
cg24356977	NME6	0.0317515	0.521605	0.919249	-1.08784	0.0689396	1.3019	1.3019	0.324502	1.14098	1.14098	0.300227	1.1493	1.1493	0.00416505	0.607888	-1.64504
cg16654023	NME7;BLZF1;BLZF1;NME7	0.00492933	0.0981879	1.26282	1.26282	0.000123477	2.36647	2.36647	0.0163418	1.45884	1.45884	0.0504749	0.750678	-1.33213	0.382014	1.12225	1.12225
cg27530620	NME7;BLZF1;NME7	0.0498603	0.00793569	1.94103	1.94103	0.0314507	1.63494	1.63494	0.0762721	1.46852	1.46852	0.768158	0.944035	-1.05928	0.0325858	1.62791	1.62791
cg10514795	NME7;NME7	0.0113366	0.0416878	0.515398	-1.94025	0.579208	1.17132	1.17132	0.0202001	0.453517	-2.20499	0.821246	1.06597	1.06597	0.00557395	0.357811	-2.79477
cg27233027	NME7;NME7	0.0235894	0.0629669	0.393981	-2.53819	0.0555333	0.380517	-2.628	0.019462	0.28429	-3.51753	0.874824	0.932207	-1.07272	0.00123241	0.121977	-8.19828
cg11696173	NME7;NME7	0.0385255	0.0401079	0.737338	-1.35623	0.0578068	0.759158	-1.31725	0.040701	0.738203	-1.35464	0.277185	0.864864	-1.15625	0.00152781	0.556518	-1.79689
cg19071452	NMI	0.00330138	0.0292318	0.338001	-2.95858	0.0246646	0.323157	-3.09447	0.000339826	0.0873969	-11.4421	0.00566877	0.216016	-4.62929	0.0367543	0.358996	-2.78554
cg22664064	NMI	0.0154921	0.00920446	0.182123	-5.49079	0.00618183	0.158934	-6.29191	0.0404716	0.295566	-3.38334	0.0180107	0.227597	-4.39374	0.00643563	0.161163	-6.20491
cg25950728	NMI	0.0293997	0.990609	1.00272	1.00272	0.234639	0.750276	-1.33284	0.00182887	0.360138	-2.77671	0.166026	0.711303	-1.40587	0.0489416	0.595392	-1.67957
cg21213426	NMI	0.0499794	0.41191	0.599652	-1.66763	0.269927	0.496459	-2.01427	0.193543	0.432314	-2.31313	0.541422	1.45764	1.45764	0.0377659	0.230236	-4.34336
cg14046365	NMI;NMI	0.0128883	0.000185744	0.136016	-7.3521	0.56253	0.831053	-1.20329	0.210144	0.658742	-1.51805	0.538843	0.821458	-1.21735	0.990395	0.996203	-1.00381
cg04407233	NMNAT1	0.0456644	0.487776	1.25241	1.25241	0.319474	1.38884	1.38884	0.0283157	0.437547	-2.28547	0.628165	1.16861	1.16861	0.0127897	0.372552	-2.68419
cg13218573	NMNAT1	0.0457992	0.0278462	0.246671	-4.05398	0.0253004	0.238823	-4.1872	0.0217853	0.227033	-4.40464	0.415118	0.638557	-1.56603	0.0221371	0.22827	-4.38077
cg06853505	NMNAT1;LZIC	0.00263366	0.0235935	1.4481	1.4481	0.732248	0.954051	-1.04816	0.0188707	0.677362	-1.47631	0.468836	1.10621	1.10621	0.359079	0.878833	-1.13787
cg04413397	NMNAT1;LZIC	0.00427535	0.182327	0.903824	-1.10641	0.487306	1.05171	1.05171	0.0317388	1.19706	1.19706	0.00964421	0.791334	-1.26369	0.25782	0.9191	-1.08802
cg15591198	NMNAT1;LZIC	0.004398	0.335353	1.10603	1.10603	0.00185558	0.638837	-1.56535	0.0239782	0.760952	-1.31414	0.081558	0.822158	-1.21631	0.0348057	0.779145	-1.28346
cg26685197	NMNAT1;LZIC	0.0198196	0.110219	0.864284	-1.15703	0.0877784	0.853949	-1.17103	0.450997	0.937679	-1.06646	0.0530519	1.20224	1.20224	0.0391653	1.22137	1.22137
cg23990535	NMNAT1;LZIC;LZIC	0.00133574	0.0256328	0.697416	-1.43387	0.0155387	1.49689	1.49689	0.0649754	0.754516	-1.32535	0.595899	1.07546	1.07546	0.895168	0.98224	-1.01808
cg01929105	NMNAT1;NMNAT1;LZIC	0.0015596	0.00105491	0.740772	-1.34994	0.536887	1.03949	1.03949	0.0941203	1.12075	1.12075	0.0755479	1.13035	1.13035	0.0538765	1.14518	1.14518
cg16183361	NMNAT2	0.00146172	0.569651	0.916185	-1.09148	0.823574	0.966555	-1.0346	0.00141273	2.02176	2.02176	0.000295561	0.407426	-2.45443	0.101624	1.31392	1.31392
cg18116641	NMNAT2	0.0406239	0.0222769	0.225834	-4.42803	0.056711	0.309886	-3.227	0.0334222	0.259233	-3.85753	0.0588049	0.313701	-3.18774	0.00502368	0.133194	-7.50785
cg13101705	NMNAT2;NMNAT2	0.00493661	0.418975	1.15226	1.15226	0.00863608	1.77647	1.77647	0.473224	0.882326	-1.13337	0.0283316	1.5593	1.5593	0.00476094	0.525587	-1.90263
cg26916166	NMNAT2;NMNAT2	0.00838565	0.602723	0.907637	-1.10176	0.013609	0.569297	-1.75655	0.166421	0.761623	-1.31299	0.00550634	0.509963	-1.96093	0.000377	0.350358	-2.85422
cg10799186	NMNAT3	3.91E-07	0.345702	0.909033	-1.10007	0.866399	0.9836	-1.01667	6.03E-07	3.84761	3.84761	0.0150295	1.34117	1.34117	0.255801	0.890029	-1.12356
cg05331082	NMNAT3	1.01E-05	0.789585	1.05905	1.05905	0.904968	0.974707	-1.02595	3.04E-05	5.74782	5.74782	0.000916569	2.89418	2.89418	0.823536	0.953222	-1.04907
cg09721739	NMNAT3	1.44E-05	0.62418	0.80456	-1.24292	0.00560041	0.201509	-4.96256	0.000140634	18.0669	18.0669	0.000295095	13.4138	13.4138	0.397539	0.68284	-1.46447
cg18116154	NMNAT3	8.16E-05	0.728737	0.829749	-1.20518	0.559002	0.728507	-1.37267	0.000187009	29.3727	29.3727	7.77E-05	46.2569	46.2569	0.816616	1.13261	1.13261
cg00893348	NMNAT3	0.000517235	0.23552	0.747977	-1.33694	0.25423	1.32059	1.32059	0.191706	0.724099	-1.38103	0.00649325	0.437644	-2.28496	0.000100223	0.199611	-5.00974
cg22462109	NMNAT3	0.00607158	0.0147113	0.194289	-5.14697	0.00354248	0.115685	-8.64414	0.00527269	0.134371	-7.44211	0.139629	0.42006	-2.38061	0.00324726	0.11189	-8.93734
cg01724150	NMNAT3	0.0182666	0.138562	0.452858	-2.2082	0.0149902	0.226327	-4.41839	0.86799	0.920678	-1.08616	0.374019	1.57357	1.57357	0.0274656	0.273718	-3.6534
cg24135841	NMNAT3	0.0221142	0.859312	1.05352	1.05352	0.1654	1.54459	1.54459	0.744952	0.908541	-1.10067	0.0813302	1.76432	1.76432	0.00657156	0.354438	-2.82137
cg15093769	NMNAT3	0.0236746	0.580619	0.876575	-1.1408	0.090629	1.55287	1.55287	0.281107	0.767622	-1.30272	0.0354617	0.561007	-1.78251	0.00236738	0.367576	-2.72052
cg12987403	NMNAT3	0.0372922	0.292972	0.772725	-1.29412	0.470292	0.840642	-1.18957	0.131292	0.680428	-1.46966	0.712128	1.09154	1.09154	0.0136735	0.486403	-2.05591
cg12817908	NMNAT3	0.0409688	0.779251	0.814432	-1.22785	0.0222924	0.135238	-7.39435	0.924087	1.0721	1.0721	0.196343	2.71276	2.71276	0.197417	0.369612	-2.70554
cg03891318	NMNAT3	0.0464097	0.0405411	0.410447	-2.43637	0.749552	1.12815	1.12815	0.112215	0.521474	-1.91764	0.91871	1.03918	1.03918	0.0023841	0.203065	-4.92454
cg15878317	NMNAT3;NMNAT3	3.57E-05	0.280211	0.699642	-1.4293	0.148031	0.610308	-1.63852	0.000258239	6.77658	6.77658	0.00020653	7.22454	7.22454	0.910512	0.964857	-1.03642
cg02304134	NMRAL1	0.0439741	0.0721211	0.394815	-2.53283	0.0717005	2.53711	2.53711	0.589844	0.777272	-1.28655	0.483031	0.718882	-1.39105	0.006986	0.198826	-5.02952
cg08345575	NMRAL1;HMOX2	0.00346664	0.243773	0.639453	-1.56384	0.000186894	10.0949	10.0949	0.233013	1.5817	1.5817	0.0925332	0.507258	-1.97139	0.0741257	0.482068	-2.0744
cg10295110	NMRAL1;HMOX2	0.0119549	0.405437	1.21366	1.21366	0.000348271	3.70019	3.70019	0.613001	1.12303	1.12303	0.740217	0.927096	-1.07864	0.0616431	0.619474	-1.61427
cg10063637	NMRAL1;HMOX2	0.0317455	0.482802	0.728945	-1.37184	0.00233159	6.58017	6.58017	0.716824	0.850905	-1.17522	0.480125	0.727489	-1.37459	0.495412	0.735777	-1.35911
cg13763550	NMRAL1;HMOX2	0.0485265	0.251894	0.663953	-1.50613	0.00268679	4.13488	4.13488	0.532312	1.24163	1.24163	0.31207	0.699205	-1.4302	0.852361	0.938243	-1.06582
cg00688539	NMRAL1;HMOX2;HMOX2;NMRAL1	0.0483083	0.234327	1.15443	1.15443	0.0201618	1.38097	1.38097	0.0396311	0.760272	-1.31532	0.58912	0.939121	-1.06483	0.564751	0.935149	-1.06935
cg09626363	NMRAL1;HMOX2;NMRAL1	0.0415671	0.169004	1.21687	1.21687	0.00155739	1.83883	1.83883	0.607988	1.07176	1.07176	0.0722243	1.30831	1.30831	0.649218	1.06326	1.06326
cg07160937	NMRAL1;HMOX2;NMRAL1	0.0460972	0.987663	1.00368	1.00368	0.0205029	1.94043	1.94043	0.269808	1.31372	1.31372	0.026274	0.534791	-1.86989	0.215787	0.733923	-1.36254
cg15518264	NMS	7.24E-06	0.0023795	1.61105	1.61105	0.398096	1.10231	1.10231	0.000103327	2.16693	2.16693	6.13E-07	0.214071	-4.67134	0.0158422	0.716973	-1.39475
cg08860622	NMT1	0.00613899	0.910307	1.03035	1.03035	0.0230958	2.05594	2.05594	0.661549	0.889701	-1.12397	0.0497595	1.81079	1.81079	0.793291	0.9327	-1.07216
cg17942929	NMT1	0.0277088	0.0648265	0.453488	-2.20513	0.894117	0.950487	-1.05209	0.388641	0.713962	-1.40063	0.275458	1.54135	1.54135	0.000743756	0.141911	-7.04669
cg22542420	NMT1	0.0410043	0.223893	1.39912	1.39912	0.37993	0.7892	-1.26711	0.0979853	0.620582	-1.61139	0.746605	0.918316	-1.08895	0.00263612	0.334884	-2.98611
cg04013970	NMT1	0.046218	0.0783926	0.327467	-3.05374	0.0250636	0.218315	-4.58053	0.475437	0.660754	-1.51342	0.885462	1.08578	1.08578	0.0518573	0.282737	-3.53686
cg06208294	NMT1;DCAKD	0.00400132	0.82335	1.03223	1.03223	3.93E-05	0.327592	-3.05258	0.662258	0.939553	-1.06434	0.252677	0.844091	-1.18471	0.625059	0.932516	-1.07237
cg09214551	NMT1;DCAKD	0.00534475	0.0244738	0.315556	-3.16901	0.0642011	0.40861	-2.44732	0.0241543	0.314437	-3.18028	0.661836	0.827456	-1.20852	0.0310859	0.336543	-2.97139
cg04925803	NMT2	0.00112091	0.144767	0.855809	-1.16848	0.0187225	1.32743	1.32743	0.81793	1.02319	1.02319	0.488985	0.932506	-1.07238	0.40667	1.08805	1.08805
cg17224837	NMT2	0.00471252	0.00174745	0.428835	-2.3319	0.448478	0.863658	-1.15787	0.106857	0.716014	-1.39662	0.483661	1.14462	1.14462	0.00272393	0.455956	-2.19319
cg16936094	NMT2	0.0128804	0.368451	1.33405	1.33405	0.00734014	2.93956	2.93956	0.671312	1.14245	1.14245	0.33941	1.35963	1.35963	0.827532	1.07045	1.07045
cg15433901	NMT2	0.0370087	0.728294	0.931827	-1.07316	0.00733314	2.01338	2.01338	0.205394	1.3106	1.3106	0.611597	0.901516	-1.10924	0.626085	1.10452	1.10452
cg05733364	NMT2	0.0412861	0.859941	0.927171	-1.07855	0.118423	0.479517	-2.08543	0.315834	1.56242	1.56242	0.864856	0.929664	-1.07566	0.00168229	0.130151	-7.6834
cg00426855	NMU	2.93E-05	0.823358	0.972523	-1.02825	0.00619908	0.640979	-1.56011	0.673151	1.0543	1.0543	0.212299	0.848982	-1.17788	9.27E-05	0.419249	-2.38522
cg23840223	NMU	0.00475386	0.542966	0.951425	-1.05106	0.0428454	0.828204	-1.20743	0.272219	0.911723	-1.09682	0.0157285	0.787133	-1.27043	0.0474251	0.832438	-1.20129
cg01802532	NMU	0.00665592	0.180808	0.675367	-1.48068	0.00477845	2.81406	2.81406	0.735295	0.910525	-1.09827	0.0607572	0.557696	-1.79309	0.00282368	0.321062	-3.11466
cg01011403	NMU	0.0141165	0.0143206	0.434937	-2.29919	0.00372954	0.339648	-2.94423	0.183303	0.677572	-1.47586	0.0511528	0.542111	-1.84464	0.378044	0.779309	-1.28319
cg27191517	NMU;NMU	0.0153378	0.0239475	0.557475	-1.7938	0.263444	0.776565	-1.28772	0.0161172	0.527996	-1.89395	0.738898	0.93001	-1.07526	0.0187245	0.539023	-1.85521
cg22069247	NMUR1	0.00216364	0.00598366	0.258048	-3.87524	0.00635904	0.262062	-3.81588	0.0025426	0.206169	-4.85038	0.0331163	0.39092	-2.55807	0.00130108	0.171043	-5.8465
cg19187155	NMUR1	0.0148557	0.103327	0.293047	-3.41242	0.0328767	5.58068	5.58068	0.773029	1.22045	1.22045	0.000496989	42.706	42.706	0.181139	0.376034	-2.65933
cg19077400	NMUR1	0.0286351	0.19538	0.685395	-1.45901	0.293054	1.35105	1.35105	0.374573	1.28583	1.28583	0.372061	0.776623	-1.28763	0.00645035	0.376393	-2.6568
cg15577010	NMUR1	0.0322259	0.136264	0.229388	-4.35942	0.0173584	15.0408	15.0408	0.200042	3.44778	3.44778	0.431992	2.07372	2.07372	0.00311859	0.0211062	-47.3795
cg13312387	NMUR1	0.0322835	0.1263	0.463848	-2.15588	0.033503	3.1697	3.1697	0.0123728	4.24713	4.24713	0.0302003	3.26642	3.26642	0.0705185	0.391112	-2.55681
cg10042319	NMUR1	0.0485787	0.958915	0.96878	-1.03223	0.235651	0.465236	-2.14945	0.37043	0.567627	-1.76172	0.00144238	17.0393	17.0393	0.33954	1.83322	1.83322
cg03914397	NMUR2	2.00E-05	0.000705505	0.418809	-2.38772	0.0598413	1.43044	1.43044	3.62E-06	0.160428	-6.23335	0.0344308	0.659758	-1.51571	0.00053443	0.403105	-2.48074
cg26813137	NMUR2	8.60E-05	0.00326494	0.502271	-1.99096	0.00216504	0.477523	-2.09414	1.19E-05	0.203991	-4.90218	0.382617	0.857486	-1.1662	0.0326593	0.650988	-1.53613
cg01566342	NMUR2	0.000324517	0.0108973	0.308585	-3.24059	3.15E-05	0.05058	-19.7707	0.00179946	0.195271	-5.12108	0.193199	1.65952	1.65952	0.000319547	0.11729	-8.52588
cg17433294	NMUR2	0.0165228	0.29688	0.786083	-1.27213	0.986762	0.996315	-1.0037	0.28193	0.779694	-1.28256	0.755255	0.932776	-1.07207	0.395517	0.823942	-1.21368
cg07429087	NMUR2	0.0199786	0.00585225	0.142324	-7.02621	0.0999639	0.377527	-2.64882	0.011243	0.179736	-5.56372	0.0287817	0.248198	-4.02905	0.0742985	0.341401	-2.9291
cg03864281	NMUR2	0.0486835	0.00725013	0.264115	-3.78623	0.776814	0.896527	-1.11542	0.0320783	0.380966	-2.6249	0.462713	0.750284	-1.33283	0.149662	0.552296	-1.81062
cg23566503	NNAT;BLCAP;NNAT;BLCAP;BLCAP;BLCAP;BLCAP	5.82E-06	0.0493404	0.694457	-1.43997	0.0511812	0.697029	-1.43466	0.000313661	2.58457	2.58457	9.25E-05	3.10845	3.10845	0.776656	0.954824	-1.04731
cg13708635	NNAT;NNAT;BLCAP;NNAT;BLCAP;NNAT;BLCAP;BLCAP;BLCAP	1.41E-08	0.134895	0.886051	-1.1286	0.000383458	0.653456	-1.53032	1.96E-06	2.41964	2.41964	2.94E-06	2.31101	2.31101	0.00983978	0.782783	-1.27749
cg11174847	NNAT;NNAT;BLCAP;NNAT;BLCAP;NNAT;BLCAP;BLCAP;BLCAP	1.88E-08	0.698485	1.03004	1.03004	0.0013622	0.702273	-1.42395	1.13E-06	2.61536	2.61536	7.00E-07	2.78244	2.78244	0.519273	0.951542	-1.05093
cg18367578	NNMT	0.00150949	0.950104	1.01595	1.01595	0.794112	0.935989	-1.06839	0.000128873	0.185776	-5.38281	0.18072	0.698039	-1.43258	0.00316878	0.360732	-2.77214
cg22962883	NNMT	0.00475237	0.030706	0.241307	-4.1441	0.0115982	0.170754	-5.85636	0.00891546	0.155103	-6.44732	0.00793541	0.148571	-6.73079	0.0120116	0.172936	-5.78249
cg09632136	NNMT	0.0315596	0.0277914	0.117396	-8.51818	0.200482	0.328279	-3.04619	0.286562	0.401878	-2.48832	0.0578453	0.170922	-5.85062	0.0088675	0.064324	-15.5463
cg08052882	NNT;NNT	0.00268542	0.981374	0.997027	-1.00298	0.535472	1.08332	1.08332	0.0279812	0.718126	-1.39251	0.275962	1.15549	1.15549	0.0562368	1.31749	1.31749
cg12991093	NNT;NNT	0.00556293	0.0489954	0.38708	-2.58345	0.925601	0.961327	-1.04023	0.162256	0.532554	-1.87774	0.00484666	0.206477	-4.84315	0.0392973	0.365323	-2.73731
cg09489281	NNT;NNT	0.00609125	0.187232	0.747766	-1.33732	0.00182964	2.63005	2.63005	?	?	?	0.284009	0.793962	-1.25951	0.0169316	0.538097	-1.8584
cg14635187	NNT;NNT	0.0286702	0.0263658	1.69617	1.69617	0.212592	1.30134	1.30134	0.00251518	2.32061	2.32061	0.842781	0.960942	-1.04065	0.0311675	0.602063	-1.66096
cg14580628	NNT;NNT	0.0308999	0.0033273	0.0780114	-12.8186	0.107974	0.326492	-3.06286	0.292362	0.497961	-2.00819	0.0802884	0.289868	-3.44984	0.166154	0.389695	-2.56611
cg11843640	NNT;NNT	0.0354836	0.584585	1.05216	1.05216	0.349838	1.09268	1.09268	0.112528	1.17247	1.17247	0.00697666	0.725121	-1.37908	0.244263	1.11873	1.11873
cg09560636	NNT;NNT	0.0394493	0.639872	0.751578	-1.33053	0.0995971	2.98565	2.98565	0.0197249	5.51045	5.51045	0.0497937	3.88092	3.88092	0.415478	0.603865	-1.656
cg03902565	NNT;NNT	0.041209	0.0437721	0.595287	-1.67986	0.533959	1.1514	1.1514	0.550161	0.87345	-1.14489	0.720862	0.92284	-1.08361	0.13322	0.695915	-1.43696
cg07848310	NNT;NNT	0.0414551	0.814054	1.05552	1.05552	0.215886	1.34809	1.34809	0.0106342	2.08888	2.08888	0.154741	0.705199	-1.41804	0.0495372	0.598164	-1.67178
cg05573208	NOB1	2.64E-05	2.29E-05	0.219771	-4.55018	0.256763	0.809304	-1.23563	0.197494	1.27572	1.27572	0.103105	0.727081	-1.37536	2.21E-06	0.126115	-7.9293
cg04591563	NOB1	0.000101462	0.0253153	0.618569	-1.61664	0.000445839	0.367548	-2.72074	0.0571079	0.677838	-1.47528	0.580571	0.904095	-1.10608	0.00175492	0.446883	-2.23772
cg07770353	NOB1	0.00116141	0.0573673	0.476207	-2.09993	0.00110673	0.190296	-5.25496	0.0043782	0.268898	-3.71888	0.226098	0.644889	-1.55065	0.00896479	0.317559	-3.14902
cg08961416	NOB1	0.00565911	0.488752	0.843679	-1.18528	0.156287	0.693127	-1.44274	0.080862	1.59659	1.59659	0.968671	0.990553	-1.00954	0.00142332	0.327745	-3.05115
cg11564268	NOB1	0.0208456	0.0884257	2.11094	2.11094	0.943701	1.02847	1.02847	0.613326	0.816659	-1.2245	0.00178555	5.85374	5.85374	0.477982	1.33207	1.33207
cg06720084	NOB1	0.02611	0.0179443	0.455595	-2.19493	0.0283906	2.02832	2.02832	0.583295	1.1635	1.1635	0.883925	1.04074	1.04074	0.0156532	0.444896	-2.24771
cg00217859	NOB1	0.0296471	0.422577	1.4106	1.4106	0.653939	0.827371	-1.20865	0.955963	1.02346	1.02346	0.0938777	2.16761	2.16761	0.0244535	3.08268	3.08268
cg05006942	NOB1	0.0296701	0.0336359	0.442529	-2.25974	0.794176	1.0897	1.0897	0.49307	1.25696	1.25696	0.0649787	0.50621	-1.97546	0.0036995	0.275631	-3.62804
cg03728559	NOB1	0.0299218	0.122049	1.59813	1.59813	0.0107721	2.45035	2.45035	0.0967511	1.66534	1.66534	0.019466	2.20371	2.20371	0.0683293	0.564992	-1.76994
cg07739668	NOB1	0.0318017	0.0185165	0.31276	-3.19734	0.323084	0.660103	-1.51492	0.296607	0.64378	-1.55333	0.808424	0.905875	-1.1039	0.00650401	0.237096	-4.21769
cg27294979	NOB1	0.0318402	0.718169	0.87729	-1.13987	0.900694	1.04613	1.04613	0.458166	0.761183	-1.31374	0.285116	1.49338	1.49338	0.56946	0.812476	-1.23081
cg01427142	NOBOX	3.29E-05	1.28E-06	0.167722	-5.96224	0.229386	1.1984	1.1984	0.349431	0.870905	-1.14823	0.198296	1.21543	1.21543	0.068599	1.3398	1.3398
cg11908531	NOBOX	4.67E-05	1.03E-06	0.212241	-4.71162	0.0240065	1.38526	1.38526	0.397344	1.1106	1.1106	0.992505	0.998864	-1.00114	0.142824	0.82643	-1.21002
cg25317872	NOBOX	0.0178211	0.00430565	0.483877	-2.06664	0.0501415	1.52915	1.52915	0.4198	1.16971	1.16971	0.528188	1.12923	1.12923	0.0547817	0.66083	-1.51325
cg21265917	NOBOX	0.0362237	0.0782141	0.722371	-1.38433	0.144698	0.770757	-1.29743	0.986032	1.00291	1.00291	0.188123	0.793095	-1.26088	0.287903	0.832441	-1.20129
cg02968844	NOC2L	2.01E-05	0.0249297	0.827698	-1.20817	9.38E-05	0.610509	-1.63798	0.000840696	0.700534	-1.42748	0.000812208	0.699177	-1.43025	7.63E-07	0.389402	-2.56804
cg20322444	NOC2L	3.41E-05	7.43E-05	0.34045	-2.93728	0.546326	0.912663	-1.0957	0.00206094	0.522198	-1.91498	4.47E-05	0.314456	-3.18009	2.48E-05	0.28511	-3.50742
cg24664590	NOC2L	0.000356825	0.0421367	0.532865	-1.87665	0.594004	0.865323	-1.15564	0.868429	1.04558	1.04558	3.35E-06	0.0524347	-19.0713	0.878548	0.959721	-1.04197
cg21830050	NOC2L	0.000388844	0.45204	0.864061	-1.15733	0.00550839	0.498659	-2.00538	0.100835	0.70984	-1.40877	0.000254943	0.316967	-3.15491	0.0023245	0.444402	-2.25022
cg08472719	NOC2L	0.000587467	0.000681575	0.526697	-1.89862	0.0896804	0.793664	-1.25998	0.00891241	0.662969	-1.50837	0.0551901	0.764525	-1.308	0.010072	0.669562	-1.49351
cg10207527	NOC2L	0.00211336	0.00376759	0.646071	-1.54782	0.0900217	1.23216	1.23216	0.00153606	1.66409	1.66409	0.00408302	0.650116	-1.53819	0.257697	0.876367	-1.14107
cg07983659	NOC2L	0.00791094	0.504175	1.08331	1.08331	0.000266147	2.0274	2.0274	0.33677	1.12403	1.12403	0.00477512	1.5562	1.5562	0.80143	0.970688	-1.0302
cg07701223	NOC2L	0.013104	0.972728	0.991354	-1.00872	0.475371	0.831616	-1.20248	0.506283	0.842563	-1.18686	0.112203	0.644466	-1.55167	0.224191	0.722993	-1.38314
cg15684274	NOC2L	0.0231034	0.0651254	0.535604	-1.86705	0.00626312	0.341648	-2.92699	0.0340429	0.474303	-2.10836	0.571002	1.18843	1.18843	0.0793211	0.555839	-1.79908
cg16005420	NOC2L	0.0238482	0.0224043	0.497135	-2.01152	0.0163379	0.472383	-2.11693	0.0336604	0.530566	-1.88478	0.850956	1.04923	1.04923	0.319037	0.768683	-1.30093
cg20453388	NOC2L	0.0399404	0.054579	0.597771	-1.67288	0.114848	0.66725	-1.49869	0.306679	0.779025	-1.28366	0.141633	1.45195	1.45195	0.126728	0.67721	-1.47665
cg01394461	NOC2L	0.0459535	0.414623	0.880551	-1.13565	0.0866822	0.749273	-1.33463	0.695136	0.941689	-1.06192	0.916508	1.01613	1.01613	0.0533594	0.71549	-1.39764
cg23731742	NOC2L;SAMD11	0.00270754	0.193399	0.677339	-1.47637	0.00094818	0.24785	-4.0347	0.0331823	0.494193	-2.0235	0.249783	0.711435	-1.40561	0.0286314	0.481483	-2.07692
cg13111501	NOC4L	5.65E-07	0.157979	0.868258	-1.15173	0.0741454	0.830085	-1.2047	0.000959317	0.631094	-1.58455	1.01E-08	0.114622	-8.72432	0.000661522	0.613853	-1.62905
cg20591549	NOC4L	8.29E-06	0.000979611	0.655073	-1.52655	0.0200199	1.27403	1.27403	3.01E-05	0.494367	-2.02279	2.39E-06	0.37171	-2.69027	0.000136133	0.565684	-1.76777
cg04114121	NOC4L	2.58E-05	0.0146117	1.45745	1.45745	0.159009	1.20752	1.20752	0.000703138	0.523578	-1.90994	0.057465	1.30887	1.30887	0.399671	0.897622	-1.11405
cg08069675	NOC4L	0.00116565	0.11197	1.20564	1.20564	0.19411	1.16002	1.16002	0.727181	1.03857	1.03857	0.46018	1.08464	1.08464	9.11E-05	2.12891	2.12891
cg16586559	NOC4L	0.00128893	0.0091826	1.59095	1.59095	0.000408193	0.454665	-2.19942	0.0281404	0.694933	-1.43899	0.0387854	0.714715	-1.39916	0.378769	1.13514	1.13514
cg12025258	NOC4L	0.0168044	0.0413807	0.501886	-1.99249	0.0449656	1.96258	1.96258	0.215612	0.682556	-1.46508	0.258854	0.708076	-1.41228	0.00166547	0.267683	-3.73576
cg22312127	NOC4L;DDX51	2.59E-05	0.903936	0.982787	-1.01751	0.438564	0.892596	-1.12033	0.00397525	1.74523	1.74523	1.48E-05	0.274489	-3.64313	0.0251274	0.681775	-1.46676
cg09766547	NOD1	0.00209013	0.753934	0.959089	-1.04266	0.00079923	0.51041	-1.95921	0.0698705	0.763936	-1.30901	0.169998	0.82353	-1.21428	0.0141084	0.668688	-1.49547
cg17447300	NOD1	0.00528916	0.310108	1.21737	1.21737	0.102518	1.39737	1.39737	0.152507	0.750518	-1.33241	0.155927	0.752548	-1.32882	0.00186778	0.437637	-2.285
cg11081941	NOD1	0.0200386	0.889971	1.02785	1.02785	0.689894	0.923487	-1.08285	0.591146	1.11363	1.11363	0.271536	1.25505	1.25505	0.0481344	1.56561	1.56561
cg06151184	NOD1	0.0204459	0.587102	0.935811	-1.06859	0.034781	0.74251	-1.34678	0.598151	1.06647	1.06647	0.691406	0.952872	-1.04946	0.261856	0.868	-1.15207
cg18519988	NOD1	0.0288841	0.661766	0.917568	-1.08984	0.0330541	1.62753	1.62753	0.024671	1.68675	1.68675	0.964188	0.991264	-1.00881	0.967478	0.992064	-1.008

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08640252	0.00305376	17.2813	17.2813	0.942014	0.950191	-1.05242	0.855372	0.879727	-1.13672	0.454801	1.70694	1.70694	10.081	78.7558	6.94424	1
cg10471544	0.454551	0.72424	-1.38076	0.631677	0.815007	-1.22698	0.48598	0.74094	-1.34964	0.316519	1.55051	1.55051	4.9591	14.0889	2.52536	1
cg16445708	0.00498965	1.51973	1.51973	0.828215	0.975821	-1.02478	0.0283564	0.747154	-1.33841	0.865847	1.01923	1.01923	4.2055	0.844923	0.178586	1
cg00485296	1.48E-05	5.38417	5.38417	0.0288818	0.617434	-1.61961	0.0213999	0.596073	-1.67765	0.47696	1.14492	1.14492	13.4318	7.45049	0.493059	1
cg03080965	0.00013524	9.70329	9.70329	0.34599	0.716256	-1.39615	0.453717	1.30009	1.30009	0.854528	1.06514	1.06514	7.26456	13.6035	1.66452	1
cg06829266	0.0432453	1.71867	1.71867	0.0479529	0.590606	-1.69318	0.0447794	1.71002	1.71002	0.000828289	0.30958	-3.23018	6.90933	5.93599	0.763668	1
cg25507001	0.0080702	0.560377	-1.78451	0.0320041	0.651266	-1.53547	0.2845	0.827154	-1.20896	0.40894	0.865754	-1.15506	8.41806	3.88417	0.410141	1
cg13707560	0.987689	0.996864	-1.00315	0.0156647	0.547065	-1.82794	0.765115	1.06291	1.06291	0.0201065	1.76988	1.76988	4.98127	3.27054	0.583616	1
cg09047573	0.00279199	0.446549	-2.2394	0.0613495	0.66207	-1.51041	0.826075	1.04399	1.04399	0.359791	1.20225	1.20225	4.59326	2.78409	0.538779	1
cg17954695	0.0535847	0.255769	-3.90978	0.00340083	0.0840376	-11.8994	0.0160378	0.159875	-6.25487	0.025136	0.190768	-5.24198	5.83857	35.7759	5.44668	1
cg04079263	0.0711316	1.23527	1.23527	6.25E-06	0.347018	-2.8817	0.668558	1.04618	1.04618	0.397675	1.09502	1.09502	15.1235	2.63132	0.154656	1
cg24356977	0.204453	0.840656	-1.18955	0.791006	0.966159	-1.03503	0.0984462	1.26478	1.26478	0.0703344	0.76935	-1.2998	4.00503	1.06573	0.236531	1
cg16654023	0.586504	1.07321	1.07321	0.318637	1.14179	1.14179	0.135761	1.22976	1.22976	0.543136	1.0824	1.0824	7.37054	1.93192	0.23299	1
cg27530620	0.566629	0.893287	-1.11946	0.805971	1.04911	1.04911	0.430622	0.854939	-1.16967	0.521994	0.881233	-1.13477	3.39174	2.03894	0.534356	1
cg10514795	0.243581	0.708625	-1.41118	0.0501158	0.532305	-1.87862	0.295924	0.736419	-1.35792	0.000780851	0.238255	-4.19719	5.67706	7.16504	1.12187	1
cg27233027	0.0672184	0.401181	-2.49264	0.361544	0.658598	-1.51838	0.92274	1.04414	1.04414	0.0360029	0.337528	-2.96272	4.44586	13.9615	2.79141	1
cg11696173	0.191561	0.837266	-1.19436	0.894827	0.983153	-1.01714	0.940994	0.990535	-1.00956	0.169188	0.828484	-1.20702	3.73431	0.976011	0.232323	1
cg19071452	0.0315882	0.344977	-2.89874	0.0232258	0.318046	-3.14419	0.000690087	0.112214	-8.91152	0.0249094	0.324004	-3.08639	8.31775	23.4855	2.50982	1
cg22664064	0.0688818	0.350411	-2.8538	0.0164786	0.221067	-4.52352	0.0246876	0.252154	-3.96583	0.717103	0.829091	-1.20614	5.12561	21.5371	3.73499	1
cg25950728	0.493551	0.851838	-1.17393	0.0467128	1.69081	1.69081	0.638241	1.11541	1.11541	0.388921	0.815756	-1.22586	4.11624	3.46757	0.748811	1
cg21213426	0.498798	1.51974	1.51974	0.00686068	0.118357	-8.44899	0.721399	0.803919	-1.24391	0.0109412	0.14275	-7.00525	3.38866	19.9411	5.2308	1
cg14046365	0.492504	0.80226	-1.24648	0.125692	0.592279	-1.68839	0.883684	0.954782	-1.04736	0.235155	1.48185	1.48185	5.44546	8.61632	1.40648	1
cg04407233	0.446822	1.28089	1.28089	0.0763889	0.532905	-1.87651	0.0872427	1.82734	1.82734	0.250468	0.681534	-1.46728	3.50621	5.66064	1.43508	1
cg13218573	0.102927	0.382618	-2.61357	0.0154381	0.201842	-4.95436	0.765739	1.17457	1.17457	0.251351	0.524487	-1.90663	3.50234	16.084	4.0821	1
cg06853505	0.665074	0.942087	-1.06147	0.373223	0.882319	-1.13338	0.000125559	0.400553	-2.49655	0.0249221	1.44129	1.44129	8.89448	2.64265	0.264099	1
cg04413397	0.157147	1.11415	1.11415	0.00240434	0.739275	-1.35268	0.421387	1.06044	1.06044	0.00289772	1.33981	1.33981	7.69621	0.622136	0.0718548	1
cg15591198	0.268513	1.12401	1.12401	0.547713	1.06366	1.06366	0.0140733	1.35998	1.35998	0.0114616	1.37836	1.37836	7.63059	1.24357	0.144863	1
cg26685197	0.00299946	1.40638	1.40638	0.152175	1.13714	1.13714	0.164598	1.13228	1.13228	0.381505	1.0781	1.0781	4.71906	0.524679	0.0988293	1
cg23990535	0.613393	1.07171	1.07171	0.450325	1.11022	1.11022	3.39E-05	2.97928	2.97928	0.287809	1.16184	1.16184	10.8346	3.17049	0.260113	1
cg01929105	0.0132792	1.2093	1.2093	0.365505	0.944039	-1.05928	0.00163949	0.756318	-1.32219	0.00614016	1.24788	1.24788	10.3626	0.629597	0.0540059	1
cg16183361	0.216361	1.21919	1.21919	0.212315	1.22156	1.22156	0.0394923	1.43736	1.43736	0.00346125	1.83061	1.83061	10.5578	3.88055	0.326712	1
cg18116641	0.102557	0.378957	-2.63882	0.0613705	0.318258	-3.14211	0.067799	0.329158	-3.03806	0.0569668	0.310357	-3.2221	3.66218	17.1127	4.15361	1
cg13101705	0.613438	1.09136	1.09136	0.539811	1.1124	1.1124	0.000810282	2.37971	2.37971	0.621495	0.918136	-1.08916	7.36722	3.4365	0.414629	1
cg26916166	0.595355	1.10398	1.10398	0.342033	0.834709	-1.19802	0.027456	0.617958	-1.61823	0.267582	0.808046	-1.23755	6.2507	3.37167	0.479472	1
cg10799186	0.861616	0.983011	-1.01728	0.00023253	1.82171	1.82171	1.28E-07	5.18018	5.18018	4.47E-08	6.56431	6.56431	93.1591	14.2303	0.135781	1
cg05331082	0.300204	1.25895	1.25895	0.000851669	2.93036	2.93036	6.88E-07	18.0546	18.0546	4.32E-06	9.72707	9.72707	40.4942	29.5071	0.647712	1
cg09721739	0.729334	1.16529	1.16529	1.62E-05	49.9443	49.9443	8.78E-06	70.0616	70.0616	1.11E-05	61.4266	61.4266	36.915	113.389	2.73033	1
cg18116154	0.00291423	8.96011	8.96011	4.09E-05	66.3513	66.3513	0.000119094	36.894	36.894	0.000139705	33.993	33.993	23.3747	106.381	4.04543	1
cg00893348	0.000319864	0.256515	-3.89841	0.904019	1.02858	1.02858	0.00219461	2.7267	2.7267	0.125221	0.67867	-1.47347	14.1567	12.2324	0.76806	1
cg22462109	0.0223181	0.22445	-4.45534	0.00404195	0.121634	-8.22138	0.004839	0.130146	-7.68371	0.0289342	0.245301	-4.07662	6.91379	32.6021	4.19157	1
cg01724150	0.0406818	0.309117	-3.23502	0.11597	2.33681	2.33681	0.0640386	2.81232	2.81232	0.0442873	3.15134	3.15134	4.85106	18.9632	3.47474	1
cg24135841	0.281028	0.719468	-1.38992	0.478635	1.23573	1.23573	0.201752	1.48603	1.48603	0.00592886	0.347304	-2.87932	4.54586	6.21661	1.21559	1
cg15093769	0.106716	0.659828	-1.51555	0.0718367	0.622239	-1.6071	0.883766	1.03514	1.03514	0.0296234	0.54635	-1.83033	4.44032	3.91908	0.784543	1
cg12987403	0.0319317	0.552053	-1.81142	0.0541126	0.596531	-1.67636	0.556408	1.15096	1.15096	0.00442364	0.407489	-2.45405	3.77901	3.34293	0.786317	1
cg12817908	0.521195	0.621895	-1.60799	0.0386983	5.74839	5.74839	0.0551451	4.8951	4.8951	0.0324882	6.22423	6.22423	3.65076	30.8526	7.51201	1
cg03891318	0.886915	1.05503	1.05503	0.155555	0.56433	-1.77201	0.262292	1.5528	1.5528	0.464634	0.755637	-1.32339	3.48496	7.8234	1.99547	1
cg15878317	0.306259	1.40083	1.40083	1.19E-05	19.0371	19.0371	3.49E-05	12.7416	12.7416	3.73E-05	12.4473	12.4473	29.0885	46.6473	1.42545	1
cg02304134	0.181342	0.518415	-1.92895	0.0232448	0.284819	-3.51101	0.594455	1.28247	1.28247	0.261577	0.581559	-1.71952	3.55605	12.0727	3.01776	1
cg08345575	0.00636297	3.67701	3.67701	0.60153	1.2131	1.2131	0.0913555	1.97721	1.97721	0.685283	1.16112	1.16112	8.19726	17.452	1.89245	1
cg10295110	0.231407	1.33052	1.33052	0.507462	0.858149	-1.1653	0.0798621	1.55606	1.55606	0.159081	1.4083	1.4083	5.58031	4.5741	0.728609	1
cg10063637	0.00927457	4.32046	4.32046	0.186101	1.86146	1.86146	0.348391	1.53406	1.53406	0.366942	1.50806	1.50806	4.0053	12.463	2.76589	1
cg13763550	0.0669577	2.01908	2.01908	0.0833541	1.92678	1.92678	0.871178	0.945984	-1.0571	0.409324	1.33473	1.33473	3.4268	6.3539	1.64816	1
cg00688539	0.0147868	1.41268	1.41268	0.825976	1.02569	1.02569	0.862493	0.980229	-1.02017	0.223356	0.862975	-1.15878	3.43265	0.721337	0.186791	1
cg09626363	0.453865	1.1076	1.1076	0.163391	0.81935	-1.22048	0.960882	0.993452	-1.00659	0.451421	0.902337	-1.10823	3.63124	1.03176	0.252564	1
cg07160937	0.0651168	1.63519	1.63519	0.174461	0.709627	-1.40919	0.12463	1.48407	1.48407	0.916826	1.02512	1.02512	3.49382	3.12016	0.793823	1
cg15518264	0.00930909	1.44978	1.44978	0.00194266	1.63808	1.63808	0.171694	0.848901	-1.17799	0.000146415	0.479237	-2.08665	44.103	8.8533	0.178437	1
cg08860622	0.528213	0.844056	-1.18476	0.000330957	0.214914	-4.65303	0.33843	1.29926	1.29926	0.042661	0.538419	-1.85729	6.89024	7.68089	0.990888	1
cg17942929	0.646288	1.19269	1.19269	0.122916	0.52868	-1.8915	0.838012	1.08119	1.08119	0.378379	0.708468	-1.4115	4.20323	9.68077	2.04727	1
cg22542420	0.0192053	0.474915	-2.10564	0.636213	1.13341	1.13341	0.765816	1.08167	1.08167	0.573184	0.861033	-1.1614	3.6496	3.99313	0.97256	1
cg04013970	0.565725	0.717838	-1.39307	0.0086752	0.148063	-6.75389	0.0195052	0.199493	-5.01272	0.0349492	0.245801	-4.06833	3.49038	18.022	4.58964	1
cg06208294	0.36195	0.875522	-1.14218	0.797019	1.03724	1.03724	0.472786	1.10915	1.10915	0.685776	0.943931	-1.0594	7.85171	2.50256	0.283314	1
cg09214551	0.199638	0.558142	-1.79166	0.000267811	0.0762376	-13.1169	0.00211956	0.155824	-6.4175	0.0248976	0.317022	-3.15435	7.19044	21.0902	2.60719	1
cg04925803	0.994431	0.999306	-1.00069	2.15E-05	0.427504	-2.33916	0.0321705	0.779227	-1.28332	0.186266	0.869963	-1.14947	11.3911	1.78304	0.139137	1
cg17224837	0.224467	0.78495	-1.27397	0.0393793	0.636185	-1.57187	0.0323294	1.60892	1.60892	0.00371169	0.475257	-2.10412	7.47223	4.26139	0.506931	1
cg16936094	0.0370708	0.469855	-2.12832	0.00118857	4.40534	4.40534	0.0417362	2.07995	2.07995	0.288916	1.40983	1.40983	5.44656	8.39706	1.37042	1
cg15433901	0.0971436	0.691703	-1.44571	0.01124	0.525701	-1.90222	0.682132	0.92001	-1.08695	0.302584	0.805567	-1.24136	3.78954	2.46009	0.577048	1
cg05733364	0.509846	1.33218	1.33218	0.750316	0.872198	-1.14653	0.0380638	0.348663	-2.8681	0.857376	0.92587	-1.08006	3.9721	11.2857	2.20985	1
cg00426855	0.674724	0.94876	-1.05401	1.41E-06	0.216387	-4.62135	0.0809969	1.27265	1.27265	2.92E-05	0.359983	-2.77791	30.6537	7.53945	0.218627	1
cg23840223	0.0403352	0.825696	-1.2111	0.000164347	0.594774	-1.68131	0.769463	0.976515	-1.02405	0.0802378	1.16992	1.16992	7.45239	0.771838	0.0920615	1
cg01802532	0.0638264	0.562438	-1.77797	0.182066	0.676224	-1.4788	0.0164824	2.24646	2.24646	0.692055	0.895868	-1.11624	6.71973	8.12025	1.07415	1
cg01011403	0.153799	0.656405	-1.52345	0.000782822	0.246521	-4.05645	0.237868	0.711153	-1.40617	0.117065	0.625403	-1.59897	5.28547	6.3624	1.07	1
cg27191517	0.122221	0.695357	-1.43811	0.998928	0.999709	-1.00029	0.02696	1.76513	1.76513	0.0319336	1.72509	1.72509	5.14265	3.83224	0.662389	1
cg22069247	0.00469387	0.242479	-4.12407	0.000512908	0.129404	-7.72774	0.74184	1.13274	1.13274	0.0289253	0.378672	-2.64081	9.42311	21.2155	2.00127	1
cg19187155	0.481194	1.63763	1.63763	0.704839	1.29975	1.29975	0.842029	1.14737	1.14737	0.77192	1.22168	1.22168	5.19728	39.0663	6.6815	1
cg19077400	0.292942	1.35115	1.35115	0.164964	1.50471	1.50471	0.232696	0.708071	-1.41229	0.00847932	0.395758	-2.5268	4.15479	5.00696	1.07121	1
cg15577010	0.826161	0.819164	-1.22076	0.874913	0.866887	-1.15355	0.473645	0.515592	-1.93952	0.98848	1.01318	1.01318	4.37784	55.7926	9.91226	1
cg13312387	0.846995	0.914188	-1.09387	0.191989	1.89925	1.89925	0.584378	0.773715	-1.29247	0.356872	1.55287	1.55287	3.98128	13.6013	3.03672	1
cg10042319	0.357916	0.558726	-1.78978	0.717989	0.799876	-1.25019	0.925693	1.05912	1.05912	0.458774	0.628465	-1.59118	3.42541	20.5656	5.33676	1
cg03914397	0.00135139	0.456255	-2.19176	0.0351629	1.51236	1.51236	0.0127274	0.593399	-1.68521	3.85E-06	0.162822	-6.14166	33.8887	15.2541	0.400109	1
cg26813137	0.00228602	0.480774	-2.07998	0.619843	0.917711	-1.08967	0.000516464	0.39443	-2.5353	8.96E-06	0.191619	-5.2187	23.048	10.7637	0.415122	1
cg01566342	0.0688343	0.472797	-2.11507	0.319542	0.684956	-1.45995	0.116036	0.533473	-1.87451	0.000258786	0.109548	-9.12846	16.0999	34.5055	1.90508	1
cg17433294	0.822027	1.05142	1.05142	0.047788	1.65478	1.65478	0.262582	0.771086	-1.29687	0.00040263	0.285855	-3.49828	5.01697	3.93543	0.697266	1
cg07429087	0.0255239	0.238315	-4.19612	0.0467143	0.292105	-3.42342	0.00770506	0.157207	-6.36102	0.0214759	0.224738	-4.44962	4.70627	21.7674	4.11128	1
cg03864281	0.328583	0.678721	-1.47336	0.359926	0.696457	-1.43584	0.410337	0.723556	-1.38206	0.0040069	0.226234	-4.4202	3.42261	8.00669	2.07942	1
cg23566503	0.553996	0.907285	-1.10219	1.29E-07	15.1757	15.1757	0.0975965	0.7442	-1.34372	0.137564	0.771106	-1.29684	46.66	19.5233	0.371926	1
cg13708635	0.870015	1.01237	1.01237	2.45E-10	16.0432	16.0432	0.0002743	0.639323	-1.56415	0.00315546	0.738741	-1.35365	215.603	19.2383	0.0793159	1
cg11174847	0.00102141	0.690566	-1.44809	3.42E-10	14.8201	14.8201	0.763596	0.977328	-1.0232	0.00967919	0.779672	-1.28259	200.549	18.3605	0.0813785	1
cg18367578	0.0115191	2.22399	2.22399	0.0180246	2.06829	2.06829	0.726935	1.09272	1.09272	0.25516	0.74046	-1.35051	10.4606	10.5986	0.900621	1
cg22962883	0.0589592	0.30285	-3.30197	0.000425391	0.0439151	-22.7712	0.0133132	0.179483	-5.57155	0.00699682	0.141769	-7.05371	7.45311	37.0307	4.41644	1
cg09632136	0.085212	0.208553	-4.79494	0.00657406	0.054616	-18.3097	0.0156495	0.0870867	-11.4828	0.0476321	0.154753	-6.46193	4.01372	43.1343	9.55264	1
cg08052882	0.068065	1.29769	1.29769	0.000143015	0.433416	-2.30725	0.234719	0.853128	-1.17216	0.0387183	1.35702	1.35702	8.84352	2.27798	0.228966	1
cg12991093	0.0263095	0.328693	-3.04236	0.000239928	0.0767647	-13.0268	0.951981	0.97489	-1.02576	0.0122636	0.267847	-3.73348	7.10269	20.0586	2.51029	1
cg09489281	?	?	?	?	?	?	?	?	?	0.115039	0.699232	-1.43014	8.89317	3.25339	0.512162	1
cg14635187	0.374861	1.2005	1.2005	0.354143	1.21078	1.21078	0.817596	0.954707	-1.04744	0.81785	1.04737	1.04737	4.15299	2.64764	0.566691	1
cg14580628	0.362671	0.550393	-1.81689	0.00365936	0.0814033	-12.2845	0.035463	0.209565	-4.77179	0.115229	0.335209	-2.98321	4.04409	26.0899	5.73454	1
cg11843640	0.0162518	1.31087	1.31087	0.338078	1.09522	1.09522	0.61161	0.953932	-1.04829	0.0809067	1.19513	1.19513	3.84796	0.516964	0.11942	1
cg09560636	0.734583	1.22903	1.22903	0.0551988	3.73328	3.73328	0.00436383	10.0517	10.0517	0.574276	1.41056	1.41056	3.70197	21.5335	5.17046	1
cg03902565	0.0231835	0.544727	-1.83578	0.0393348	1.70501	1.70501	0.521072	1.1567	1.1567	0.0418378	1.69045	1.69045	3.64288	2.88995	0.705168	1
cg07848310	0.126585	0.684556	-1.4608	0.059025	0.613283	-1.63057	0.423594	1.20614	1.20614	0.530045	1.15706	1.15706	3.63487	3.02763	0.740393	1
cg05573208	2.56E-05	0.224994	-4.44456	0.530944	0.892747	-1.12014	0.00399202	0.500732	-1.99708	0.000404785	0.366045	-2.73191	31.4875	15.934	0.449816	1
cg04591563	3.88E-06	0.14325	-6.98082	0.000140324	0.304972	-3.27899	0.0540547	0.673671	-1.4844	0.000337296	0.352063	-2.8404	22.0548	11.3989	0.459419	1
cg07770353	0.00356568	0.255988	-3.90643	5.10E-05	0.0729027	-13.7169	0.309462	0.695592	-1.43762	0.00926499	0.319938	-3.12561	11.2764	21.2718	1.6768	1
cg08961416	0.119484	0.664758	-1.50431	0.000369592	0.252165	-3.96566	0.568314	0.869902	-1.14955	0.353846	0.794092	-1.2593	7.06536	6.53674	0.822383	1
cg11564268	0.514621	0.769011	-1.30037	0.267	0.631513	-1.5835	0.00519974	4.33106	4.33106	0.816239	1.09694	1.09694	4.6387	11.6061	2.22401	1
cg06720084	0.169429	1.49199	1.49199	0.08355	1.688	1.688	0.21017	1.43471	1.43471	0.311434	0.751075	-1.33143	4.29174	5.07865	1.05187	1
cg00217859	0.00852497	4.09489	4.09489	0.0413479	2.68635	2.68635	0.00615437	4.48554	4.48554	0.0429253	2.66024	2.66024	4.10403	11.4634	2.48286	1
cg05006942	0.426667	1.30559	1.30559	0.575623	0.830432	-1.20419	0.103366	1.79547	1.79547	0.0811025	0.52974	-1.88772	4.1029	7.0138	1.51953	1
cg03728559	0.653984	0.881424	-1.13453	0.16392	0.65998	-1.5152	0.270343	0.725371	-1.3786	0.802593	1.07259	1.07259	4.09062	5.07013	1.10173	1
cg07739668	0.013495	0.288093	-3.47111	0.0138137	0.289856	-3.44999	0.684449	0.846812	-1.1809	0.032784	0.361915	-2.76308	4.00277	10.499	2.3315	1
cg27294979	0.0124515	0.325194	-3.07509	0.0019818	0.20635	-4.84614	0.60322	1.20855	1.20855	0.0709693	0.482543	-2.07236	4.00104	8.26817	1.83689	1
cg01427142	0.0086344	1.6169	1.6169	0.000106915	2.66684	2.66684	0.876159	0.977869	-1.02263	0.0488448	0.724106	-1.38101	29.7392	9.69919	0.289904	1
cg11908531	0.654704	1.056	1.056	0.00147429	1.74273	1.74273	0.305473	0.879466	-1.13705	0.00332379	0.616388	-1.62235	27.1102	6.29084	0.206264	1
cg25317872	0.710549	1.07346	1.07346	0.021944	1.68665	1.68665	0.835673	0.96127	-1.04029	0.0672621	0.677065	-1.47696	4.89152	2.80173	0.50913	1
cg21265917	0.782383	0.95502	-1.0471	0.00752469	1.77125	1.77125	0.223536	0.808512	-1.23684	0.0152659	0.609481	-1.64074	3.81923	1.67111	0.388934	1
cg02968844	0.000198918	0.642233	-1.55707	0.00519927	1.29867	1.29867	0.0889408	0.875512	-1.14219	0.0265626	0.830034	-1.20477	33.8163	2.68939	0.0706927	1
cg20322444	3.33E-05	0.299677	-3.33693	1.24E-05	0.251755	-3.97211	0.0195788	0.655572	-1.52539	0.00146508	0.502773	-1.98897	29.4512	10.4516	0.315447	1
cg24664590	0.211007	1.42521	1.42521	0.524866	0.840932	-1.18916	0.875964	1.04289	1.04289	0.768199	1.0827	1.0827	15.6858	17.9578	1.01764	1
cg21830050	5.11E-05	0.235385	-4.24837	0.0246564	1.6657	1.6657	0.218529	1.27994	1.27994	0.02032	0.586569	-1.70483	15.3192	8.82375	0.511995	1
cg08472719	0.00143473	0.565891	-1.76713	0.0368127	0.741136	-1.34928	1.62E-05	0.3338	-2.99581	0.236406	0.85792	-1.16561	13.6641	3.30181	0.214793	1
cg10207527	0.250304	0.874393	-1.14365	0.526847	0.930864	-1.07427	0.714549	1.0419	1.0419	0.00444093	1.52825	1.52825	9.48807	1.87595	0.175748	1
cg07983659	0.392881	1.10886	1.10886	0.012777	1.44076	1.44076	0.0752102	1.26349	1.26349	0.372674	1.1141	1.1141	6.36653	1.40533	0.19621	1
cg07701223	0.257182	0.740523	-1.3504	0.000159883	0.194233	-5.14845	0.586498	1.14972	1.14972	0.735067	0.917337	-1.09011	5.41603	5.53532	0.908467	1
cg15684274	0.31304	0.730066	-1.36974	0.00495984	0.325748	-3.06986	0.824915	0.935379	-1.06909	0.0157953	0.409995	-2.43905	4.47793	6.44698	1.27975	1
cg16005420	0.620889	1.13583	1.13583	0.00307963	0.355228	-2.8151	0.757933	0.924064	-1.08218	0.0265502	0.510858	-1.95749	4.42911	4.578	0.91877	1
cg20453388	0.0364529	0.56343	-1.77484	0.0137466	2.05191	2.05191	0.905436	0.972347	-1.02844	0.755427	0.928923	-1.07652	3.68516	3.24961	0.78383	1
cg01394461	0.380728	0.871836	-1.147	0.0171815	1.55727	1.55727	0.0203928	1.53169	1.53169	0.583129	1.08823	1.08823	3.49792	1.28913	0.327593	1
cg23731742	0.0227006	0.46205	-2.16427	0.000115129	0.147408	-6.78391	0.297395	0.736534	-1.35771	0.522656	1.2013	1.2013	8.82213	11.1961	1.12808	1
cg13111501	0.000798656	0.622607	-1.60615	4.56E-07	0.264136	-3.78593	0.401201	1.08373	1.08373	0.000978018	0.631986	-1.58231	84.8211	11.7649	0.123291	1
cg20591549	0.234958	0.898153	-1.1134	1.16E-06	0.337079	-2.96667	0.0297817	0.801983	-1.24691	0.00472917	0.723386	-1.38239	42.589	5.02216	0.104819	1
cg04114121	0.319873	1.13742	1.13742	5.33E-07	0.174376	-5.73474	0.526817	0.922811	-1.08365	0.00218442	0.583679	-1.71327	31.6974	7.87813	0.220926	1
cg08069675	0.421281	1.09283	1.09283	0.00105028	1.68847	1.68847	0.169704	0.853814	-1.17122	0.00623259	0.680295	-1.46995	11.2647	2.0828	0.164352	1
cg16586559	0.761841	0.958232	-1.04359	0.000845693	2.02252	2.02252	0.123367	0.791141	-1.264	0.552867	0.919182	-1.08792	10.9458	3.41565	0.277378	1
cg12025258	0.0249185	0.457449	-2.18603	0.661578	0.878909	-1.13777	0.28818	1.38144	1.38144	0.821756	0.936016	-1.06836	4.98875	6.7846	1.20887	1
cg22312127	0.158729	0.805223	-1.24189	2.34E-06	0.191396	-5.22477	0.0090173	1.61192	1.61192	0.0350365	1.42361	1.42361	31.6702	10.3729	0.291137	1
cg09766547	0.939838	0.990023	-1.01008	0.000791427	1.96124	1.96124	0.23147	1.18143	1.18143	0.0195043	0.687262	-1.45505	9.51875	2.66035	0.248431	1
cg17447300	0.882931	1.02798	1.02798	0.0051049	1.9997	1.9997	0.342714	1.20089	1.20089	0.00663566	0.516946	-1.93444	7.21351	4.00673	0.493732	1
cg11081941	0.675293	0.919787	-1.08721	0.00906649	0.51779	-1.93129	0.258278	1.26378	1.26378	0.00238951	2.31655	2.31655	4.70148	2.93297	0.554524	1
cg06151184	0.0743056	1.27203	1.27203	0.837863	0.975514	-1.0251	0.00417102	0.628438	-1.59125	0.00479354	0.635759	-1.57292	4.66941	1.08264	0.206097	1
cg18519988	0.0724162	1.4796	1.4796	0.163929	1.33681	1.33681	0.135685	1.36923	1.36923	0.00829106	0.517056	-1.93403	4.14209	2.5054	0.537656	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13015266	NOD1	0.0297276	0.642474	0.923543	-1.08279	0.00133711	0.452365	-2.2106	0.10215	0.737605	-1.35574	0.670399	0.929754	-1.07555	0.902024	0.979265	-1.02117
cg02119982	NOD2	0.00913532	0.0982083	0.629865	-1.58764	0.00598207	0.400237	-2.49852	0.0969897	0.628603	-1.59083	0.106684	0.638318	-1.56662	0.00093064	0.28376	-3.5241
cg02486161	NOD2	0.0117838	0.0195543	0.50658	-1.97402	0.0253823	0.527036	-1.8974	0.00455944	0.402308	-2.48566	0.0556878	0.59299	-1.68637	0.0034751	0.384439	-2.60119
cg08554257	NOD2	0.014579	0.0560804	0.376019	-2.65944	0.0336884	0.325865	-3.06875	0.00770798	0.212771	-4.69989	0.107708	0.452257	-2.21113	0.00391617	0.172871	-5.78467
cg26954174	NOD2	0.0172876	0.0380591	0.538851	-1.8558	0.0114514	0.44326	-2.25601	0.0209322	0.48944	-2.04315	0.0117331	0.445058	-2.2469	0.0324715	0.525328	-1.90357
cg05261686	NOD2	0.0215789	0.815131	1.04783	1.04783	0.00999511	0.52266	-1.91329	0.00331514	0.450308	-2.2207	0.0111281	0.53	-1.88679	0.853539	1.03755	1.03755
cg16771652	NOD2	0.022532	0.030065	0.451813	-2.21331	0.0103914	0.366086	-2.7316	0.00556101	0.32169	-3.10858	0.109999	0.58132	-1.72022	0.0185265	0.41096	-2.43332
cg18177814	NOD2	0.0230212	0.00524581	0.215586	-4.63851	0.12268	0.498056	-2.00781	0.151182	0.526763	-1.89839	0.0717367	0.432623	-2.31148	0.00273091	0.178352	-5.60689
cg01243823	NOD2	0.0379345	0.232453	0.63686	-1.5702	0.296396	0.676969	-1.47717	0.00430095	0.252649	-3.95806	0.055303	0.457117	-2.18762	0.169411	0.590096	-1.69464
cg08374596	NOD2	0.0486479	0.0555784	1.5299	1.5299	0.0846215	0.688086	-1.45331	0.324524	0.819209	-1.22069	0.395183	0.843091	-1.18611	0.84441	1.03926	1.03926
cg02448735	NOD2	0.0488854	0.372131	1.16792	1.16792	0.0146489	1.66383	1.66383	0.00520975	1.86736	1.86736	0.379068	0.858241	-1.16517	0.677205	1.07349	1.07349
cg06181567	NOD2;NOD2	0.0266731	0.0171668	0.336317	-2.97339	0.5008	0.773831	-1.29227	0.0163831	3.00675	3.00675	0.605247	0.822308	-1.21609	0.014709	0.324105	-3.08542
cg08659212	NODAL	8.64E-05	0.000223178	4.29936	4.29936	0.0237613	1.89765	1.89765	0.000603978	3.50923	3.50923	0.364831	1.24736	1.24736	9.80E-06	9.5523	9.5523
cg02549645	NODAL	0.00247447	0.0141859	6.28822	6.28822	0.122	2.76903	2.76903	0.0991515	2.99947	2.99947	0.0321738	4.59353	4.59353	0.0147508	6.19336	6.19336
cg18572653	NODAL	0.00708123	0.0169393	5.0805	5.0805	0.00990467	6.16174	6.16174	0.0448669	3.61398	3.61398	0.111702	2.62928	2.62928	0.0115896	5.82014	5.82014
cg17107540	NODAL	0.0082451	0.0117497	0.165244	-6.05164	0.00114335	0.0648531	-15.4195	0.00182288	0.0793113	-12.6085	0.084516	0.335721	-2.97867	0.0570664	0.291845	-3.42648
cg10850838	NODAL	0.0122705	0.037951	1.9754	1.9754	0.00264219	3.24477	3.24477	0.0456619	1.91221	1.91221	0.340107	1.32067	1.32067	0.0198651	2.21541	2.21541
cg15909933	NODAL	0.0144441	0.0248065	39.0891	39.0891	0.0119822	73.7725	73.7725	0.051722	20.8599	20.8599	0.106809	11.1989	11.1989	0.0759729	15.0224	15.0224
cg26837178	NODAL	0.0145904	0.183525	1.36427	1.36427	0.00337793	2.40486	2.40486	0.00861316	2.09062	2.09062	0.944453	0.984778	-1.01546	0.0482629	1.64352	1.64352
cg14485357	NODAL	0.0251811	0.0392947	3.0498	3.0498	0.0571087	2.73601	2.73601	0.124687	2.1755	2.1755	0.0642193	2.64424	2.64424	0.0130171	4.22388	4.22388
cg08724254	NODAL	0.0281444	0.230743	0.693896	-1.44114	0.120427	1.63168	1.63168	0.25596	1.41155	1.41155	0.257854	1.40945	1.40945	0.0110708	2.5245	2.5245
cg04377282	NODAL	0.0326127	0.151618	1.91374	1.91374	0.0107505	3.8732	3.8732	0.0526379	2.53655	2.53655	0.360647	1.48742	1.48742	0.0293512	2.95736	2.95736
cg03115558	NODAL	0.0360844	0.0634915	7.53061	7.53061	0.0149598	18.082	18.082	0.0821146	6.44765	6.44765	0.176661	4.01361	4.01361	0.0800163	6.5495	6.5495
cg04840290	NODAL	0.0499353	0.406233	1.26524	1.26524	0.246546	1.39866	1.39866	0.947729	0.98201	-1.01832	0.565668	1.17443	1.17443	0.0348495	1.97576	1.97576
cg00936907	NOG	0.000665495	0.000669994	0.718041	-1.39268	0.00351612	1.28648	1.28648	0.0901416	0.887924	-1.12622	0.294631	1.07163	1.07163	0.000104983	0.646504	-1.54678
cg12415975	NOG	0.0248728	0.691414	0.944691	-1.05855	0.625573	0.932271	-1.07265	0.0609421	1.35149	1.35149	0.849146	1.02753	1.02753	0.966507	1.00601	1.00601
cg14678442	NOG;NOG	8.76E-08	?	?	?	?	?	?	1.56E-07	2.75156	2.75156	5.09E-08	22.1831	22.1831	6.03E-08	13.7097	13.7097
cg19165652	NOG;NOG	0.0253738	0.768602	1.06968	1.06968	0.234772	1.32891	1.32891	0.0562009	1.63846	1.63846	0.602776	1.12737	1.12737	0.243364	1.32145	1.32145
cg05421673	NOG;NOG	0.034816	0.660624	1.09783	1.09783	0.0069866	2.08979	2.08979	0.135412	1.40494	1.40494	0.264226	1.27871	1.27871	0.559117	1.13292	1.13292
cg05042697	NOL10	0.000327149	0.246983	0.866917	-1.15351	0.0270608	0.734354	-1.36174	0.00933967	0.677774	-1.47542	0.337061	0.889795	-1.12385	0.0114449	0.688452	-1.45253
cg01299579	NOL10	0.000489778	0.0906804	0.566588	-1.76495	0.101779	0.579288	-1.72626	0.00737849	0.349132	-2.86425	0.00702324	0.345652	-2.89309	0.00077495	0.21212	-4.71432
cg26209899	NOL10	0.000813653	0.0368244	0.723231	-1.38268	0.0806711	1.29544	1.29544	0.000828283	0.510345	-1.95946	0.233732	0.846361	-1.18153	0.000564227	0.489626	-2.04237
cg12331331	NOL10	0.00650592	0.255691	0.683115	-1.46388	0.321979	1.38902	1.38902	0.0105529	0.355856	-2.81013	0.127501	0.58903	-1.69771	0.000760299	0.194212	-5.14901
cg04571418	NOL10	0.00656563	0.14016	0.833294	-1.20006	0.847091	0.978061	-1.02243	0.00132774	0.58486	-1.70981	0.60688	1.06145	1.06145	0.507863	1.08025	1.08025
cg03983476	NOL10	0.013776	0.922219	1.04268	1.04268	0.415986	1.42728	1.42728	0.0124139	0.264039	-3.78733	0.0986175	0.46068	-2.17071	0.0432197	0.369651	-2.70525
cg00222801	NOL10	0.014363	0.00683263	0.295292	-3.38648	0.01787	0.367077	-2.72423	0.0159542	0.357971	-2.79352	0.0550605	0.468943	-2.13246	0.0162288	0.359329	-2.78296
cg07080607	NOL10	0.0230748	0.0643116	0.637189	-1.56939	0.0176622	0.534855	-1.86967	0.347173	0.81068	-1.23353	0.338661	1.23843	1.23843	0.0297237	0.574219	-1.7415
cg10551856	NOL10	0.026215	0.0992567	0.516088	-1.93765	0.199489	1.64248	1.64248	0.858943	1.06728	1.06728	0.602797	1.21189	1.21189	0.00482669	0.254469	-3.92975
cg10156193	NOL10	0.0332022	0.0195166	0.17355	-5.76202	0.0889459	0.31226	-3.20246	0.257228	0.480191	-2.0825	0.804731	0.857548	-1.16612	0.00167091	0.0614943	-16.2617
cg07394411	NOL10	0.0422861	0.0238302	0.312344	-3.2016	0.0523519	0.385952	-2.591	0.0355564	0.347932	-2.87413	0.621136	0.806576	-1.23981	0.00185148	0.14857	-6.73081
cg00029053	NOL10;NOL10	0.00891735	0.562416	0.911379	-1.09724	0.225012	1.22375	1.22375	0.930466	0.986267	-1.01392	0.706147	1.06185	1.06185	0.0979974	0.750064	-1.33322
cg16562099	NOL11	8.93E-05	1.41E-06	0.0533364	-18.7489	0.822046	0.947699	-1.05519	0.00385908	0.395208	-2.53032	0.116035	0.665435	-1.50278	0.596335	0.880318	-1.13595
cg13192180	NOL11	0.00071406	0.000927781	0.374659	-2.66909	0.00257496	0.436186	-2.2926	0.00129651	0.394404	-2.53547	0.00288031	0.443178	-2.25643	0.00042411	0.330088	-3.02949
cg04998282	NOL11	0.00185193	0.358056	0.943051	-1.06039	0.000327442	1.43349	1.43349	0.00229109	1.30276	1.30276	0.187137	1.09061	1.09061	0.0568753	1.14305	1.14305
cg14053257	NOL11	0.0121671	0.124031	1.32412	1.32412	0.00356275	0.513965	-1.94566	0.52663	0.897505	-1.1142	0.973847	1.00554	1.00554	0.36995	1.16788	1.16788
cg25294759	NOL11	0.0143099	0.401554	0.814739	-1.22739	0.0369434	1.78289	1.78289	0.0109383	2.14287	2.14287	0.00208372	0.355635	-2.81188	0.397267	1.2298	1.2298
cg02087260	NOL11	0.0264419	0.0192483	0.621013	-1.61027	0.740564	0.945629	-1.0575	0.581277	0.910537	-1.09825	0.47101	0.883936	-1.1313	0.00561819	0.542462	-1.84345
cg15906515	NOL11	0.0311997	0.00444256	0.222861	-4.48711	0.962852	0.981748	-1.01859	0.463455	0.744417	-1.34333	0.575803	0.799653	-1.25054	0.0157386	0.31021	-3.22363
cg25646128	NOL11	0.0347468	0.0377888	0.536984	-1.86225	0.01046	0.435245	-2.29756	0.0382494	0.53803	-1.85863	0.0347393	0.529777	-1.88759	0.573195	1.15827	1.15827
cg27020281	NOL11	0.0496148	0.717872	0.944996	-1.05821	0.044991	1.43149	1.43149	0.259291	1.20141	1.20141	0.883221	1.02318	1.02318	0.168666	1.25696	1.25696
cg22123728	NOL12	0.00221121	0.152967	1.35275	1.35275	0.0154254	1.79817	1.79817	0.00126486	0.395022	-2.5315	0.00310514	0.449943	-2.2225	0.260301	0.793113	-1.26085
cg20816712	NOL12	0.00537029	0.0997573	0.874195	-1.14391	0.821969	0.983342	-1.01694	0.00632581	1.30343	1.30343	0.1635	1.11722	1.11722	0.218091	1.10138	1.10138
cg14398464	NOL12	0.00603256	0.559441	1.1631	1.1631	0.394608	1.25007	1.25007	0.391339	1.25211	1.25211	0.501206	0.83966	-1.19096	0.328192	0.77232	-1.2948
cg15473335	NOL12	0.00640061	0.00381911	1.98704	1.98704	0.551788	1.11181	1.11181	0.096686	1.37856	1.37856	0.685736	1.07424	1.07424	0.00357075	0.499121	-2.00352
cg04564989	NOL12	0.00727799	0.157152	0.797704	-1.2536	0.000243596	0.404095	-2.47467	0.225824	0.826953	-1.20926	0.137673	1.26975	1.26975	0.2099	0.82086	-1.21823
cg00332745	NOL3	0.0114615	0.847793	1.01948	1.01948	0.140436	1.17259	1.17259	0.00170329	1.56811	1.56811	0.0695054	1.2261	1.2261	0.439889	0.92396	-1.0823
cg05546038	NOL3	0.0137468	0.306434	0.781085	-1.28027	0.0071375	2.24961	2.24961	0.309201	1.27834	1.27834	0.265565	0.762832	-1.31091	0.00580743	0.430398	-2.32343
cg03095800	NOL3	0.0206296	0.143587	0.679495	-1.47168	0.102902	1.55071	1.55071	0.0326426	1.84915	1.84915	0.0743842	1.63036	1.63036	0.205083	0.719827	-1.38922
cg02034910	NOL3	0.0249715	0.221438	0.781964	-1.27883	0.291673	0.811092	-1.23291	0.105636	0.713002	-1.40252	0.936923	0.984968	-1.01526	0.00174877	0.425824	-2.34839
cg08141495	NOL4	0.0028036	0.0122651	0.727442	-1.37468	0.00689143	0.699896	-1.42878	0.531395	0.937376	-1.06681	0.534171	0.937796	-1.06633	0.00326836	0.66432	-1.5053
cg13611347	NOL4	0.0100562	0.687875	1.13826	1.13826	0.540106	1.22004	1.22004	0.269176	1.44628	1.44628	0.24937	0.679744	-1.47114	0.00106033	0.211784	-4.7218
cg08195448	NOL4	0.0128621	0.471074	1.0789	1.0789	0.488482	1.07562	1.07562	0.0857087	1.21742	1.21742	0.124313	0.841664	-1.18812	0.77763	1.02976	1.02976
cg00884606	NOL4	0.0213832	0.00219793	0.456611	-2.19005	0.179952	1.29695	1.29695	0.598033	1.10202	1.10202	0.504308	1.1317	1.1317	0.271178	0.811262	-1.23265
cg27324826	NOL4	0.0248692	0.100679	2.01868	2.01868	0.00159673	5.86699	5.86699	0.0481781	2.41613	2.41613	0.102902	2.00783	2.00783	0.13583	1.87374	1.87374
cg24248713	NOL4	0.0479528	0.754887	0.941698	-1.06191	0.276095	0.804685	-1.24272	0.990581	0.997738	-1.00227	0.00912823	1.88748	1.88748	0.576555	0.89744	-1.11428
cg03863549	NOL6;SUGT1P1;NOL6	0.00443562	0.152864	0.899963	-1.11116	0.000286923	1.50318	1.50318	0.0119232	1.24114	1.24114	0.840631	1.01396	1.01396	0.157073	1.1098	1.1098
cg14279415	NOL6;SUGT1P1;NOL6	0.0050707	0.627591	1.06715	1.06715	0.000635921	2.0088	2.0088	0.124808	1.24721	1.24721	0.0201096	1.45176	1.45176	0.345415	1.13791	1.13791
cg11062848	NOL7	0.000823367	0.00770062	0.395244	-2.53008	0.000431854	0.221062	-4.52362	0.0487902	0.543332	-1.84049	0.360994	0.77525	-1.28991	0.000385422	0.215345	-4.64371
cg01382900	NOL7;NOL7	0.000994383	0.000140571	0.140447	-7.12012	0.429127	0.785778	-1.27262	0.179837	1.5303	1.5303	0.99075	1.00347	1.00347	0.000138813	0.139947	-7.14556
cg14287170	NOL8;CENPP;NOL8	0.00542882	0.000412663	0.543871	-1.83867	0.828578	1.02384	1.02384	0.261372	1.1357	1.1357	0.580893	0.941218	-1.06245	0.380518	1.10266	1.10266
cg14163706	NOL8;CENPP;NOL8	0.0398723	0.00600419	0.130708	-7.65066	0.0451993	0.27194	-3.67728	0.0448235	0.271142	-3.6881	0.13134	0.397263	-2.51722	0.0684952	0.314814	-3.17647
cg13862853	NOL8;NOL8	0.0168748	0.507589	0.906095	-1.10364	0.00536551	1.71234	1.71234	0.723854	1.05342	1.05342	0.213227	1.21202	1.21202	0.474576	1.11257	1.11257
cg25379649	NOL8;NOL8;CENPP;NOL8	0.0425099	0.127498	0.562843	-1.7767	0.137236	1.74765	1.74765	0.11344	1.82347	1.82347	0.893351	0.954296	-1.04789	0.0713542	0.495404	-2.01856
cg21690777	NOL9	0.0422509	0.81218	1.10637	1.10637	0.0213733	3.23616	3.23616	0.0266247	3.05193	3.05193	0.60697	0.80224	-1.24651	0.168052	0.535859	-1.86616
cg16657244	NOLC1	0.00501182	0.331987	0.750602	-1.33226	0.00378273	3.06451	3.06451	0.0670354	1.80113	1.80113	0.0926944	1.69947	1.69947	0.0746276	0.565955	-1.76692
cg10462416	NOLC1	0.00561585	0.181064	1.33257	1.33257	0.00266039	2.31684	2.31684	0.630863	0.90675	-1.10284	0.531657	1.13666	1.13666	0.330791	0.816367	-1.22494
ch.10.2186853	NOLC1	0.037102	0.0226772	0.456561	-2.19029	0.0512347	1.89265	1.89265	0.107394	0.603501	-1.657	?	?	?	0.571477	0.848452	-1.17862
cg01060471	NOLC1	0.0390515	0.0900106	1.54233	1.54233	0.383979	1.22997	1.22997	0.197429	1.37154	1.37154	0.150062	1.43016	1.43016	0.0559129	1.65231	1.65231
cg20373634	NOLC1	0.0476698	0.664075	1.15767	1.15767	0.510327	0.799519	-1.25075	0.895798	0.957045	-1.04488	0.190951	1.59038	1.59038	0.00221243	0.237651	-4.20785
cg07848636	NOM1	4.77E-05	0.0157191	0.773824	-1.29228	0.000679474	0.637759	-1.56799	0.000174367	1.73629	1.73629	0.00311108	0.70448	-1.41949	0.0194849	0.783024	-1.2771
cg18443692	NOM1	0.000113472	0.0469948	0.688884	-1.45162	0.157923	1.2808	1.2808	0.0758938	0.723385	-1.38239	3.23E-06	0.16425	-6.0883	0.0134361	0.605481	-1.65158
cg20030934	NOM1	0.000117871	0.689251	1.09903	1.09903	0.204479	1.36965	1.36965	0.00140394	0.337335	-2.96441	2.00E-05	0.131585	-7.59966	0.000232177	0.238113	-4.19969
cg03426236	NOM1	0.000184117	0.000360614	0.442786	-2.25843	0.631868	0.933575	-1.07115	6.86E-05	0.354693	-2.81934	0.00661838	0.60535	-1.65194	0.0739863	0.753102	-1.32784
cg05439608	NOM1	0.000688905	0.244825	0.729626	-1.37056	0.570286	0.861884	-1.16025	0.00105722	0.285128	-3.50719	0.342958	0.776356	-1.28807	5.20E-05	0.140742	-7.10521
cg02047646	NOM1	0.000724443	0.964037	0.991408	-1.00867	0.341301	0.828887	-1.20644	0.0379575	1.58491	1.58491	0.145388	0.741387	-1.34882	1.04E-05	0.164465	-6.08032
cg08437995	NOM1	0.00319478	0.0128664	0.297156	-3.36524	0.131975	0.527942	-1.89415	0.0147273	0.307458	-3.25248	0.0211992	0.336715	-2.96987	0.000288614	0.0978924	-10.2153
cg11558972	NOM1	0.00358498	0.0377469	0.517831	-1.93113	0.0109546	2.39163	2.39163	0.00276482	3.08765	3.08765	0.00471988	0.358701	-2.78784	0.0297137	0.497169	-2.01139
cg13425150	NOM1	0.0042512	0.782734	0.940791	-1.06294	0.296148	1.27021	1.27021	0.397596	0.825931	-1.21075	0.0356159	0.58273	-1.71606	0.0569567	0.621494	-1.60903
cg22794772	NOM1	0.00508999	0.0413823	0.545982	-1.83156	0.0783268	0.604659	-1.65383	0.00366915	0.364032	-2.74701	0.719409	1.09724	1.09724	0.00073485	0.267238	-3.74198
cg09611656	NOM1	0.0114644	0.129827	0.778906	-1.28385	0.00105305	0.477134	-2.09585	0.140291	1.27412	1.27412	0.830974	1.03318	1.03318	0.816766	0.965181	-1.03608
cg20896342	NOM1	0.0180361	0.0268454	0.556755	-1.79612	0.288123	0.781693	-1.27927	0.054256	0.613957	-1.62878	0.255429	0.767085	-1.30364	0.166915	0.719576	-1.38971
cg04504478	NOM1	0.0193206	0.678625	0.888756	-1.12517	0.0642978	0.555223	-1.80108	0.239996	1.41656	1.41656	0.0445684	0.520571	-1.92097	0.00197677	0.290209	-3.4458
cg01249735	NOM1	0.0308921	0.617295	1.09587	1.09587	0.68191	1.07777	1.07777	0.759402	1.05741	1.05741	0.620118	1.09506	1.09506	0.754803	0.944656	-1.05859
cg07626700	NOM1	0.0472497	0.0740511	2.18248	2.18248	0.181095	1.74482	1.74482	0.116364	1.95217	1.95217	0.302924	1.51945	1.51945	0.0541698	2.35545	2.35545
cg18539988	NOMO1	0.00106507	0.00422515	0.385353	-2.59502	0.0154259	0.477115	-2.09593	0.0969923	0.635393	-1.57383	0.176784	0.699449	-1.4297	4.69E-05	0.147849	-6.76366
cg04492721	NOMO1	0.0105084	0.244141	1.74559	1.74559	?	?	?	0.929783	1.04112	1.04112	0.0122012	0.239842	-4.16941	0.00849696	0.215303	-4.64461
cg27168073	NOMO2;NOMO2	0.00236629	0.0123238	1.44149	1.44149	0.626377	1.05926	1.05926	0.132733	1.20966	1.20966	0.0544233	1.29185	1.29185	0.000765458	1.81863	1.81863
cg10483393	NOMO2;NOMO2	0.0149072	0.113415	1.15945	1.15945	0.391935	0.927439	-1.07824	0.929562	0.992436	-1.00762	0.0910705	0.852272	-1.17333	0.00651067	0.738093	-1.35484
cg02644734	NOMO3	6.07E-08	1.97E-08	0.124752	-8.01593	5.18E-05	2.09865	2.09865	0.000681577	1.66235	1.66235	0.000778689	1.64503	1.64503	0.00776766	0.715544	-1.39754
cg08597393	NOMO3	0.00555862	0.254989	0.650826	-1.53651	0.0671689	0.476428	-2.09895	0.0659983	0.474547	-2.10727	0.427413	1.34022	1.34022	0.000759012	0.158096	-6.32528
cg08815337	NONO;BCYRN1;NONO;NONO;NONO	0.0169305	0.384338	1.14091	1.14091	0.00219614	0.530131	-1.88633	0.0335816	0.692883	-1.44325	0.0457218	0.712811	-1.4029	0.0592088	0.729926	-1.37
cg12156989	NONO;NONO;BCYRN1;NONO;NONO	0.00119137	0.18466	0.735571	-1.35949	0.00279559	0.406845	-2.45794	0.081647	0.656251	-1.52381	0.82476	1.0496	1.0496	0.00299567	0.411235	-2.4317
cg06506080	NONO;NONO;BCYRN1;NONO;NONO	0.0021058	0.000118384	0.0150976	-66.2357	0.103771	0.401829	-2.48862	0.921217	1.05029	1.05029	0.275927	1.76851	1.76851	0.00427963	0.119779	-8.34871
cg07010478	NONO;NONO;BCYRN1;NONO;NONO	0.00857386	0.00363051	0.246821	-4.05152	0.0176865	0.358556	-2.78897	0.0819809	0.504041	-1.98397	0.0321918	0.409895	-2.43965	0.0491286	0.450037	-2.22204
cg07713026	NONO;NONO;BCYRN1;NONO;NONO	0.0104159	0.10244	0.675502	-1.48038	0.968453	0.991356	-1.00872	0.190719	1.35547	1.35547	0.00310149	2.43086	2.43086	0.020608	0.542209	-1.84431
cg03977822	NONO;NONO;NONO;NONO;BCYRN1;NONO;NONO;NONO;NONO	0.0210628	0.0288803	0.384183	-2.60292	0.0430684	0.421367	-2.37323	0.0781364	0.483505	-2.06823	0.175135	1.70811	1.70811	0.00113628	0.169074	-5.91458
cg05327068	NOP10	0.000263359	0.0162418	0.560818	-1.78311	0.0498826	0.644001	-1.55279	0.0432234	0.632825	-1.58022	0.228705	1.28218	1.28218	0.000287786	0.312136	-3.20373
cg19928692	NOP10	0.000491551	0.0529294	0.829637	-1.20535	0.0312657	1.23931	1.23931	0.000123343	1.7658	1.7658	0.184637	0.887393	-1.1269	0.0161843	0.778983	-1.28372
cg01299496	NOP10	0.00125913	0.885251	0.981731	-1.01861	0.000187234	2.23658	2.23658	0.000134888	2.32598	2.32598	0.321452	1.13973	1.13973	0.610836	1.06772	1.06772
cg12390237	NOP10	0.00144445	0.39987	0.821751	-1.21691	0.702816	1.09125	1.09125	0.201367	0.73538	-1.35984	0.804016	1.05827	1.05827	2.50E-05	0.148517	-6.73325
cg20847668	NOP10	0.00342356	0.0255397	2.88221	2.88221	0.810738	1.10044	1.10044	0.955704	1.02241	1.02241	0.323465	1.50204	1.50204	0.186117	1.74929	1.74929
cg06459327	NOP10	0.00926277	0.532826	0.904299	-1.10583	0.357221	0.860036	-1.16274	0.000505506	2.37633	2.37633	0.909732	1.01822	1.01822	0.137777	0.775306	-1.28981
cg03288461	NOP10;NOP10	0.0193005	0.708671	0.939686	-1.06419	0.0254518	0.643933	-1.55296	0.694459	0.936661	-1.06762	0.0260922	0.645597	-1.54895	0.765006	1.05094	1.05094
cg05719181	NOP14	0.00468921	0.359903	0.779133	-1.28348	0.0575303	0.56581	-1.76738	0.00909208	0.415283	-2.408	0.0332782	0.517011	-1.93419	0.0313087	0.511824	-1.9538
cg01684579	NOP16	0.00197595	0.00633549	0.25703	-3.8906	0.0128334	0.306904	-3.25834	0.0676915	0.45734	-2.18656	0.163645	0.56655	-1.76507	0.000336765	0.10977	-9.10998
cg22837283	NOP16	0.00578276	0.0657183	0.638313	-1.56663	0.118667	0.691978	-1.44513	0.993421	0.998209	-1.00179	0.267221	0.777823	-1.28564	0.000768587	0.330447	-3.02621
cg01590787	NOP16	0.0331351	0.00323734	0.156425	-6.39282	0.054489	0.365027	-2.73953	0.0656514	0.385095	-2.59676	0.241984	0.567964	-1.76067	0.0404417	0.335105	-2.98414
cg26132490	NOP16;HIGD2A	0.00557337	0.000993843	0.164435	-6.08142	?	?	?	0.12029	1.86261	1.86261	0.67883	0.857546	-1.16612	?	?	?
cg19750232	NOP16;HIGD2A	0.0313762	0.750192	0.943256	-1.06016	0.548953	1.11729	1.11729	0.15235	1.32364	1.32364	0.00357167	0.485852	-2.05824	0.234418	1.25602	1.25602
cg01252586	NOP16;HIGD2A	0.0450008	0.00992282	1.75487	1.75487	0.0655511	0.699879	-1.42882	0.747883	0.945839	-1.05726	0.0323085	1.54154	1.54154	0.196287	1.26607	1.26607
cg22225892	NOP2;NOP2	0.00120734	0.00205414	0.683245	-1.4636	0.00636321	0.732354	-1.36546	0.0531923	0.824758	-1.21248	0.0841946	1.18243	1.18243	0.0039162	0.711368	-1.40574
cg16579101	NOP2;NOP2	0.00128823	0.729841	1.01878	1.01878	0.00510598	1.21975	1.21975	0.190116	1.07734	1.07734	0.00848139	1.19769	1.19769	0.0557501	0.890156	-1.1234
cg00506612	NOP2;NOP2	0.00215014	0.0982993	0.686724	-1.45619	0.0303328	0.58996	-1.69503	0.0218846	0.56546	-1.76847	0.0102568	0.511371	-1.95553	0.790515	0.946311	-1.05674
cg00383178	NOP2;NOP2	0.01204	0.0146452	0.698227	-1.4322	0.225637	0.858918	-1.16426	0.312483	0.882612	-1.133	0.0737133	1.26905	1.26905	0.110596	0.812375	-1.23096
cg25626318	NOP2;NOP2	0.0147447	0.00771827	0.540053	-1.85167	0.143545	0.75358	-1.327	0.187148	1.28617	1.28617	0.274605	0.814957	-1.22706	0.0947265	0.718507	-1.39178
cg12806521	NOP2;NOP2	0.0193655	0.825904	0.978992	-1.02146	0.0170722	0.755602	-1.32345	0.28654	0.898827	-1.11256	0.915514	0.989825	-1.01028	0.279133	1.11455	1.11455
cg17096807	NOP2;NOP2	0.0296036	0.852727	0.932195	-1.07274	0.010692	3.36107	3.36107	0.160153	1.76291	1.76291	0.981711	1.0087	1.0087	0.586934	1.2303	1.2303
cg19121550	NOP56;MIR1292;NOP56	0.0101283	0.086451	0.728955	-1.37183	0.479714	0.886981	-1.12742	0.732138	0.944262	-1.05903	0.541146	1.10869	1.10869	0.0412289	0.674974	-1.48154
cg14542207	NOP56;MIR1292;NOP56	0.0306944	0.956359	1.00996	1.00996	0.00265449	2.12314	2.12314	0.0391721	1.5407	1.5407	0.908714	1.02099	1.02099	0.948554	0.988382	-1.01175
cg25373401	NOP56;NOP56	0.000671873	0.39186	1.13927	1.13927	0.0398985	0.702544	-1.4234	0.228754	0.828824	-1.20653	0.119001	1.28595	1.28595	5.47E-05	0.327295	-3.05535
cg20063640	NOP56;NOP56;SNORA51	0.0181115	0.0145995	0.226749	-4.41015	0.100412	0.411481	-2.43024	0.219054	0.528478	-1.89223	0.40089	0.654265	-1.52843	0.0208171	0.25343	-3.94586
cg11389889	NOP56;NOP56;SNORD110;SNORA51	0.00164354	0.00218101	0.104769	-9.54481	0.00204571	0.10223	-9.78182	0.115885	0.407875	-2.45173	0.0563071	0.321688	-3.1086	0.000992305	0.076743	-13.0305
cg05205351	NOP56;SNORD110;NOP56;SNORA51	0.0211666	0.0113866	0.175438	-5.70001	0.0318723	0.251109	-3.98233	0.102557	0.374737	-2.66854	0.481622	0.675031	-1.48141	0.0225146	0.222805	-4.48822
cg13272108	NOP56;SNORD110;NOP56;SNORA51	0.0452108	0.0328078	0.256592	-3.89724	0.240838	0.512264	-1.95212	0.23712	0.509293	-1.96351	0.86577	0.91361	-1.09456	0.0513043	0.298325	-3.35203
cg08216131	NOP56;SNORD57;NOP56	0.0130408	0.409334	1.4826	1.4826	0.957063	0.975186	-1.02544	0.365468	1.54334	1.54334	0.044287	2.93948	2.93948	0.296072	0.60312	-1.65804
cg03112877	NOP56;SNORD57;NOP56	0.0447715	0.0453798	0.453684	-2.20418	0.25479	0.664029	-1.50596	0.141959	0.580607	-1.72234	0.692637	1.1466	1.1466	0.0635433	0.487561	-2.05103
cg21028182	NOP56;SNORD86;NOP56;SNORA51	0.00756249	0.015603	0.444042	-2.25204	0.0267919	2.05099	2.05099	0.605197	0.866942	-1.15348	0.936054	1.02221	1.02221	0.917946	0.972179	-1.02862
cg11455955	NOP58	0.00174941	0.648035	0.905897	-1.10388	0.755081	1.0696	1.0696	0.00068157	2.58472	2.58472	0.00299085	0.416598	-2.4004	0.000595335	0.319893	-3.12605
cg17872064	NOP58	0.00307967	0.0626625	1.53858	1.53858	0.580393	1.1217	1.1217	0.364644	1.21118	1.21118	0.00787424	0.495976	-2.01623	0.000351271	0.306854	-3.25888
cg24588278	NOP58	0.0291532	0.0241264	0.298725	-3.34756	0.767175	0.875118	-1.1427	0.800439	1.12053	1.12053	0.79712	0.890703	-1.12271	0.0166596	0.268907	-3.71876
cg18000924	NOP58	0.0397238	0.303191	0.848237	-1.17892	0.0321752	0.678925	-1.47292	0.128878	1.28824	1.28824	0.053713	1.40226	1.40226	0.728976	1.05515	1.05515

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13015266	0.704501	1.06697	1.06697	0.121319	1.33079	1.33079	0.120378	1.33191	1.33191	0.472576	1.13235	1.13235	4.10009	1.87951	0.407474	1
cg02119982	0.590796	0.870806	-1.14836	0.0962219	1.59286	1.59286	0.0116144	0.447519	-2.23454	0.749005	0.921446	-1.08525	6.08348	6.25814	0.914409	1
cg02486161	0.0115	0.466762	-2.14242	0.0211588	0.512698	-1.95047	0.0319917	0.545738	-1.83238	0.856396	1.04463	1.04463	5.60645	5.15824	0.817826	1
cg08554257	0.317373	0.626745	-1.59555	0.00309966	0.160523	-6.22963	0.786096	0.884295	-1.13084	0.0177825	0.271803	-3.67914	5.22964	16.9245	2.87668	1
cg26954174	0.990496	0.996942	-1.00307	0.122269	1.53826	1.53826	0.604604	0.874311	-1.14376	0.0158913	0.467932	-2.13706	4.94165	5.17506	0.930872	1
cg05261686	0.872117	0.968375	-1.03266	0.206264	1.30467	1.30467	0.179263	0.752324	-1.32922	0.216803	0.771633	-1.29595	4.58421	2.88923	0.560229	1
cg16771652	0.789507	1.08688	1.08688	0.132783	0.603476	-1.65707	0.426857	1.28741	1.28741	0.0416779	0.481343	-2.07752	4.51672	6.93618	1.36504	1
cg18177814	0.067194	0.425335	-2.35109	0.0837159	0.450377	-2.22036	0.0260651	0.332708	-3.00564	0.0258286	0.331917	-3.0128	4.48343	12.3319	2.44494	1
cg01243823	0.657789	0.851598	-1.17426	0.00577148	0.27161	-3.68175	0.893561	0.952908	-1.04942	0.412714	1.35225	1.35225	3.75551	7.72283	1.82791	1
cg08374596	0.315332	1.22568	1.22568	0.0108706	1.87156	1.87156	0.058627	0.657902	-1.51998	0.880499	0.970944	-1.02993	3.42356	2.08302	0.540833	1
cg02448735	0.0424647	1.48559	1.48559	0.552019	0.903096	-1.1073	0.378947	1.16522	1.16522	0.86686	0.971976	-1.02883	3.41725	1.55316	0.404004	1
cg06181567	0.214444	1.63296	1.63296	0.263724	1.54828	1.54828	0.114023	0.524615	-1.90616	0.460531	0.754339	-1.32566	4.25981	9.49846	1.98203	1
cg08659212	0.148439	1.44475	1.44475	4.14E-05	6.38739	6.38739	0.000244839	4.21519	4.21519	0.00142282	2.99109	2.99109	23.0214	20.5441	0.793238	1
cg02549645	0.00599875	8.86468	8.86468	0.000102047	65.4433	65.4433	0.00176675	14.973	14.973	0.026544	4.9415	4.9415	9.05936	52.976	5.19792	1
cg18572653	0.0246946	4.44844	4.44844	0.000626011	18.8223	18.8223	0.00571848	7.55366	7.55366	0.0247799	4.44307	4.44307	6.59135	32.5098	4.38416	1
cg17107540	0.0113301	0.163032	-6.13376	0.0216774	0.206639	-4.83937	0.0747383	0.321274	-3.1126	0.43119	0.631559	-1.58338	6.28413	32.5654	4.60638	1
cg10850838	0.00725855	2.66398	2.66398	0.00306737	3.14866	3.14866	0.0258214	2.11435	2.11435	0.302148	1.35312	1.35312	5.53329	7.01407	1.12677	1
cg15909933	0.0696096	16.1904	16.1904	0.00285372	279.512	279.512	0.00335718	238.724	238.724	0.0186011	50.1422	50.1422	5.24569	156.406	26.5031	1
cg26837178	0.00542643	2.23769	2.23769	0.00781734	2.12031	2.12031	0.0860224	1.51831	1.51831	0.513482	1.15705	1.15705	5.22829	4.01256	0.682195	1
cg14485357	0.0176828	3.85426	3.85426	0.00290136	6.78153	6.78153	0.0304427	3.2851	3.2851	0.106459	2.28021	2.28021	4.3463	15.0506	3.07809	1
cg08724254	0.923497	0.972467	-1.02831	0.00517063	2.92434	2.92434	0.010391	2.55493	2.55493	0.567227	1.18305	1.18305	4.1802	5.5935	1.18942	1
cg04377282	0.0170806	3.41555	3.41555	0.0070946	4.34783	4.34783	0.0266532	3.03367	3.03367	0.18788	1.80325	1.80325	3.96683	11.2143	2.51289	1
cg03115558	0.0607852	7.73062	7.73062	0.00390305	42.9157	42.9157	0.0187332	15.7429	15.7429	0.113838	5.28298	5.28298	3.82458	56.7084	13.1799	1
cg04840290	0.0171022	2.23619	2.23619	0.00363393	2.97287	2.97287	0.0605986	1.79639	1.79639	0.812248	1.0681	1.0681	3.3898	4.11579	1.07926	1
cg00936907	0.313024	0.935741	-1.06867	0.729481	1.02234	1.02234	0.686542	0.97451	-1.02616	0.0219228	1.19123	1.19123	13.1964	0.846598	0.0570255	1
cg12415975	0.0497387	1.37603	1.37603	0.0753165	0.753976	-1.3263	0.00226916	0.543908	-1.83855	0.179828	0.816155	-1.22526	4.36497	1.40595	0.286309	1
cg14678442	?	?	?	4.61E-08	30.5707	30.5707	?	?	?	?	?	?	7.33E+13	25.002	8.53E-14	1
cg19165652	0.954239	0.986983	-1.01319	0.000928819	0.323401	-3.09213	0.486872	1.17504	1.17504	0.895387	0.970408	-1.03049	4.33478	3.57922	0.733955	1
cg05421673	0.209991	1.32194	1.32194	0.00667285	0.475423	-2.10339	0.50186	1.15488	1.15488	0.440585	1.18075	1.18075	3.87451	2.73878	0.628329	1
cg05042697	0.0335648	0.746097	-1.34031	1.90E-05	0.358506	-2.78935	0.560246	1.07196	1.07196	4.88E-05	0.406258	-2.46149	16.0642	3.54095	0.195933	1
cg01299579	5.88E-05	0.103611	-9.65149	0.000134233	0.133119	-7.51209	0.430129	1.27822	1.27822	0.010276	0.373128	-2.68004	14.3726	21.1471	1.30786	1
cg26209899	0.000348457	0.463761	-2.15628	0.574534	0.927013	-1.07873	0.620704	1.06892	1.06892	0.000810778	0.50919	-1.9639	12.4725	3.52662	0.251334	1
cg12331331	0.0340737	0.45186	-2.21307	0.0143439	0.379248	-2.6368	0.0539123	2.01942	2.01942	0.149744	0.608962	-1.64214	6.76746	11.0558	1.45216	1
cg04571418	0.0709485	1.26089	1.26089	0.00166799	0.596507	-1.67643	0.0161672	0.71313	-1.40227	0.682186	0.953793	-1.04845	6.7483	1.41112	0.185873	1
cg03983476	0.000836678	0.116369	-8.59334	0.386732	0.684071	-1.46184	0.18225	1.83277	1.83277	0.251578	0.598942	-1.66961	5.32804	15.4535	2.57814	1
cg00222801	0.182385	0.610982	-1.63671	0.00666908	0.293631	-3.40563	0.00687574	0.295725	-3.38152	0.0273953	0.403131	-2.48058	5.25543	10.0882	1.70629	1
cg07080607	0.495833	0.860762	-1.16176	0.00747251	2.1101	2.1101	0.517434	1.15292	1.15292	0.387591	1.21168	1.21168	4.47984	3.33541	0.661811	1
cg10551856	0.125136	0.54464	-1.83607	0.222779	0.625649	-1.59834	0.0228584	2.70963	2.70963	0.108532	0.526871	-1.898	4.28572	9.0951	1.88639	1
cg10156193	0.126061	0.358111	-2.79243	0.582871	1.41073	1.41073	0.0479204	0.245858	-4.0674	0.702913	0.788412	-1.26837	3.94139	24.0265	5.41862	1
cg07394411	0.514818	0.752027	-1.32974	0.377555	0.67661	-1.47796	0.524369	0.757021	-1.32097	0.70436	0.848333	-1.17878	3.60823	10.6386	2.62082	1
cg00029053	0.518065	1.10941	1.10941	0.000217558	0.376371	-2.65695	0.133333	1.29249	1.29249	0.347933	1.16547	1.16547	6.13029	2.43746	0.353431	1
cg16562099	?	?	?	0.694217	1.0988	1.0988	0.0808273	1.58672	1.58672	0.7979	1.0631	1.0631	23.4027	18.7342	0.800515	1
cg13192180	0.000514854	0.340915	-2.93329	0.340791	1.21519	1.21519	0.576328	1.1186	1.1186	0.133495	0.725183	-1.37896	12.9386	8.0773	0.554914	1
cg04998282	0.0034339	0.781467	-1.27965	0.61341	1.03211	1.03211	0.546547	0.962853	-1.03858	0.174793	0.914353	-1.09367	9.86005	0.601033	0.0541835	1
cg14053257	0.22312	0.805922	-1.24081	0.0010577	0.442087	-2.262	0.222381	0.805616	-1.24129	0.138273	0.764149	-1.30865	5.54853	2.49665	0.39997	1
cg25294759	0.100933	1.53527	1.53527	0.499326	0.84904	-1.1778	0.450622	1.20133	1.20133	0.947284	1.0159	1.0159	5.26185	4.74579	0.80171	1
cg02087260	0.830536	0.964584	-1.03672	0.0148204	1.65597	1.65597	0.172494	1.27672	1.27672	0.645131	0.924945	-1.08115	4.27282	1.91558	0.398503	1
cg15906515	0.926924	0.964369	-1.03695	0.013675	0.299364	-3.34042	0.248672	1.6111	1.6111	0.0763326	0.458464	-2.1812	4.03019	9.98455	2.20217	1
cg25646128	0.665298	0.893737	-1.1189	0.0492002	1.7851	1.7851	0.765103	0.925574	-1.08041	0.697707	0.904163	-1.106	3.8773	4.09103	0.937888	1
cg27020281	0.226024	0.820185	-1.21924	0.027885	0.666869	-1.49954	0.551347	0.910303	-1.09854	0.0159218	1.58455	1.58455	3.3981	1.30843	0.342263	1
cg22123728	0.000834789	0.370608	-2.69827	0.0949175	0.69608	-1.43662	0.907252	1.02327	1.02327	0.245423	0.786756	-1.27104	9.36336	5.77912	0.548628	1
cg20816712	0.502579	1.05202	1.05202	0.559141	1.04501	1.04501	0.0370966	1.19771	1.19771	0.000191884	1.59713	1.59713	7.17994	0.631733	0.0782097	1
cg14398464	0.00962789	0.432199	-2.31375	0.000504964	0.248661	-4.02153	0.00546466	0.392418	-2.5483	0.0240725	0.502193	-1.99127	6.92757	7.18991	0.92255	1
cg15473335	0.00185124	2.17708	2.17708	0.796017	0.955418	-1.04666	0.939878	1.01337	1.01337	0.301732	1.20727	1.20727	6.8018	3.33869	0.436315	1
cg04564989	0.113397	1.29351	1.29351	0.116247	1.29046	1.29046	0.826478	1.03334	1.03334	0.444862	0.890163	-1.12339	6.53517	2.30983	0.314175	1
cg00332745	0.230353	0.881316	-1.13467	0.00796347	0.710675	-1.40711	0.358804	0.909615	-1.09937	0.222012	0.879098	-1.13753	5.65698	0.903087	0.141903	1
cg05546038	0.270784	1.30675	1.30675	0.0214421	1.90563	1.90563	0.248654	1.32496	1.32496	0.203332	0.731015	-1.36796	5.33175	4.59767	0.766506	1
cg03095800	0.0116267	2.17176	2.17176	0.00479461	2.51028	2.51028	0.968643	1.00971	1.00971	0.404077	1.23358	1.23358	4.65521	4.45731	0.851101	1
cg02034910	0.412529	1.1739	1.1739	0.222715	1.27788	1.27788	0.0499027	1.53409	1.53409	0.21458	0.778784	-1.28405	4.35896	2.52808	0.515532	1
cg08141495	0.119986	0.841925	-1.18775	0.407457	0.917193	-1.09028	0.016945	1.34594	1.34594	0.00219266	1.54982	1.54982	8.73164	1.43899	0.14649	1
cg13611347	0.817365	1.077	1.077	0.00171248	0.237987	-4.20191	0.0784434	0.534292	-1.87164	0.885215	0.954738	-1.04741	5.90003	9.60785	1.4475	1
cg08195448	0.00299504	1.52454	1.52454	0.149241	0.851982	-1.17373	0.164679	1.16596	1.16596	0.00211082	1.56481	1.56481	5.44909	0.925921	0.151042	1
cg00884606	0.221596	0.790903	-1.26438	0.0504854	0.665644	-1.5023	0.321575	0.829462	-1.2056	0.0339996	1.57123	1.57123	4.59852	2.42803	0.469336	1
cg27324826	0.0156939	3.18002	3.18002	0.0164755	3.14176	3.14176	0.0736082	2.17971	2.17971	0.0883822	2.08439	2.08439	4.36519	10.5513	2.14858	1
cg24248713	0.0107769	1.84861	1.84861	0.979015	0.994968	-1.00506	0.371459	0.838605	-1.19246	0.133049	0.732823	-1.36459	3.44225	2.00569	0.517929	1
cg03863549	0.0246036	0.83169	-1.20237	0.332069	0.933427	-1.07132	0.990365	0.999169	-1.00083	0.10383	1.13026	1.13026	7.61091	0.57134	0.0667276	1
cg14279415	0.0545883	0.748339	-1.33629	0.0519281	0.745258	-1.34182	0.0153079	1.4856	1.4856	0.0348029	1.38691	1.38691	7.30719	2.04555	0.248833	1
cg11062848	0.0229786	0.47839	-2.09035	0.000421089	0.219786	-4.54989	0.000289793	0.201386	-4.9656	0.021082	0.471405	-2.12132	12.4309	14.4689	1.03462	1
cg01382900	0.0484071	0.509887	-1.96122	0.340874	0.745911	-1.34064	0.135957	1.61591	1.61591	0.279763	1.39879	1.39879	11.7853	16.6509	1.25587	1
cg14287170	0.238968	0.874606	-1.14337	0.644428	1.05179	1.05179	0.441963	1.08891	1.08891	0.00230276	1.58846	1.58846	7.15611	1.33771	0.166162	1
cg14163706	0.0615028	0.303081	-3.29944	0.0103682	0.160462	-6.232	0.209134	0.472242	-2.11756	0.0467802	0.27525	-3.63306	3.68748	18.7568	4.52145	1
cg13862853	0.481246	1.11073	1.11073	0.909733	1.01678	1.01678	0.0560913	0.728043	-1.37355	0.00306967	0.551756	-1.81239	4.98178	1.69784	0.302942	1
cg25379649	0.0042481	0.263277	-3.79829	0.294909	0.684648	-1.46061	0.452808	0.765872	-1.3057	0.54337	1.23929	1.23929	3.60116	6.93744	1.71239	1
cg21690777	0.512453	1.32593	1.32593	0.0494957	2.59044	2.59044	0.0103322	3.94335	3.94335	0.861673	1.07688	1.07688	3.60934	10.309	2.53885	1
cg16657244	0.244867	0.705614	-1.41721	0.00167387	0.275795	-3.62588	0.0344173	2.02825	2.02825	0.615357	0.86484	-1.15628	7.33331	9.54232	1.15665	1
cg10462416	0.588775	1.11667	1.11667	0.000696435	0.351367	-2.84602	0.348131	1.21568	1.21568	0.0401372	1.61525	1.61525	7.08205	4.5852	0.575502	1
ch.10.2186853	0.712878	1.11207	1.11207	0.0536512	1.87714	1.87714	0.269928	0.718817	-1.39117	0.0549348	0.534977	-1.86924	3.84669	4.47264	1.16272	1
cg01060471	0.49188	1.17571	1.17571	0.470912	0.843605	-1.18539	0.00112364	3.04061	3.04061	0.198256	1.37065	1.37065	3.71578	3.16426	0.756954	1
cg20373634	0.81329	0.923785	-1.0825	0.0243126	0.406802	-2.4582	0.309213	0.702854	-1.42277	0.647754	0.857161	-1.16664	3.44995	6.13414	1.58048	1
cg07848636	3.05E-06	0.382168	-2.61665	0.695646	1.03464	1.03464	0.2728	0.905868	-1.10391	0.00845221	0.74733	-1.3381	26.9514	3.20239	0.105619	1
cg18443692	5.72E-05	0.294062	-3.40064	0.015322	0.613894	-1.62894	0.826742	0.964705	-1.03659	0.378437	0.86232	-1.15966	21.4038	9.10861	0.378276	1
cg20030934	0.000222777	0.236037	-4.23662	0.00353806	0.395028	-2.53147	0.818361	1.05553	1.05553	0.000305824	0.252184	-3.96535	21.1866	18.5178	0.776918	1
cg03426236	0.279411	0.852036	-1.17366	9.22E-06	0.255404	-3.91537	0.360024	0.874589	-1.14339	0.688595	0.944249	-1.05904	18.7877	6.03332	0.285451	1
cg05439608	0.0558487	0.570462	-1.75297	0.370163	1.26928	1.26928	0.277339	0.746227	-1.34007	0.000167774	0.190183	-5.2581	13.0693	13.8959	0.945109	1
cg02047646	0.0475194	0.648033	-1.54313	0.375874	0.840354	-1.18997	0.711826	1.0736	1.0736	0.0339138	0.622543	-1.60631	12.8863	7.47582	0.515676	1
cg08437995	0.00989214	0.277897	-3.59845	0.0112891	0.287447	-3.4789	0.0833102	0.470855	-2.12379	0.000887552	0.141359	-7.07417	8.39954	20.5341	2.17304	1
cg11558972	0.11119	1.60625	1.60625	0.0537835	0.549886	-1.81856	0.54841	0.847171	-1.1804	0.711182	1.10691	1.10691	8.1153	9.58671	1.05006	1
cg13425150	0.000125785	0.228894	-4.36883	0.128111	1.43791	1.43791	0.949597	0.986139	-1.01406	0.0231324	0.54903	-1.82139	7.70941	5.95247	0.686315	1
cg22794772	0.571402	0.86318	-1.15851	0.991867	0.997381	-1.00263	0.0266392	0.508753	-1.96559	0.00145743	0.306456	-3.26311	7.29872	7.64932	0.931587	1
cg09611656	0.0708028	0.73473	-1.36104	0.0856082	1.3366	1.3366	0.16862	1.25106	1.25106	0.0591258	1.38456	1.38456	5.65652	2.08875	0.328235	1
cg20896342	0.348153	0.805961	-1.24076	0.000373109	0.280498	-3.56508	0.853358	0.959519	-1.04219	0.812876	1.05439	1.05439	4.87185	3.84845	0.702166	1
cg04504478	0.00586605	0.360341	-2.77515	0.789706	0.927135	-1.07859	0.831537	1.06215	1.06215	0.916601	1.03009	1.03009	4.76004	6.03962	1.12784	1
cg01249735	0.371917	1.18128	1.18128	0.000514618	0.373408	-2.67804	0.75276	1.05911	1.05911	0.712894	0.935041	-1.06947	4.04445	2.11544	0.46493	1
cg07626700	0.302118	1.52059	1.52059	0.00138	6.16311	6.16311	0.112756	1.96755	1.96755	0.114565	1.95976	1.95976	3.46149	8.42587	2.16371	1
cg18539988	0.0190729	0.493416	-2.02669	0.000300397	0.231342	-4.32261	0.577617	0.86931	-1.15034	0.0819179	0.618833	-1.61595	11.5578	11.346	0.872594	1
cg04492721	0.274368	0.594532	-1.682	0.497331	1.3703	1.3703	0.0280228	3.27586	3.27586	0.0144017	3.97094	3.97094	5.93315	17.4589	2.94259	1
cg27168073	0.810502	1.02859	1.02859	0.000997798	0.563532	-1.77452	0.0946541	0.806104	-1.24054	0.415786	0.907018	-1.10251	9.17916	2.00152	0.193823	1
cg10483393	0.0996193	1.16765	1.16765	0.00206804	0.688977	-1.45143	0.757151	1.027	1.027	0.811116	1.02077	1.02077	5.19134	0.606441	0.103838	1
cg02644734	0.00262613	0.665106	-1.50352	2.16E-08	0.127778	-7.82605	7.02E-06	2.64696	2.64696	0.0013553	1.57704	1.57704	149.311	22.6722	0.134974	1
cg08597393	0.161317	0.582392	-1.71706	0.000428314	0.133374	-7.49769	0.754583	0.892857	-1.12	0.0682626	0.478163	-2.09134	7.10438	14.6957	1.8387	1
cg08815337	0.280795	1.1802	1.1802	0.067642	1.35333	1.35333	0.32397	0.860232	-1.16248	0.419526	0.885237	-1.12964	4.97629	1.72154	0.307511	1
cg12156989	7.52E-05	0.208344	-4.79974	0.0243082	0.556576	-1.7967	0.0263109	1.77734	1.77734	0.611757	0.89429	-1.11821	11.1948	8.4472	0.670723	1
cg06506080	?	?	?	?	?	?	0.46626	1.44774	1.44774	0.97971	1.01269	1.01269	14.8709	42.9055	2.47303	1
cg07010478	0.0817019	0.503658	-1.98547	0.000718578	0.160412	-6.23396	0.806116	1.09135	1.09135	0.0205114	0.370716	-2.69748	6.20702	12.4232	1.77909	1
cg07713026	0.00601576	0.454809	-2.19872	0.29673	1.26806	1.26806	0.45877	0.847385	-1.1801	0.4278	1.19449	1.19449	5.83398	4.45231	0.678372	1
cg03977822	0.437679	0.745319	-1.34171	0.0672054	0.466919	-2.1417	0.277015	0.657196	-1.52162	0.38136	0.716512	-1.39565	4.62231	10.0918	1.9407	1
cg05327068	0.00355935	0.459737	-2.17516	0.00228104	0.431943	-2.31512	0.108982	1.41047	1.41047	1.59E-05	0.173418	-5.76641	17.0463	10.4518	0.545016	1
cg19928692	0.102094	0.859059	-1.16406	0.984053	0.998304	-1.0017	0.000779362	1.53965	1.53965	0.00186583	1.45459	1.45459	14.3582	1.63932	0.101487	1
cg01299496	0.109701	0.800396	-1.24938	0.87143	0.979532	-1.0209	0.0412801	1.35063	1.35063	0.0227157	1.41651	1.41651	11.0193	2.84517	0.22951	1
cg12390237	0.144009	0.699378	-1.42984	0.0789095	0.641172	-1.55964	0.463804	0.843781	-1.18514	0.00161479	0.357077	-2.80052	10.594	8.7069	0.730553	1
cg20847668	0.215468	0.594458	-1.6822	9.17E-05	16.2339	16.2339	0.0123644	3.46397	3.46397	0.0168233	3.20174	3.20174	8.22797	20.7387	2.24045	1
cg06459327	0.772151	1.04732	1.04732	0.0625336	0.716208	-1.39624	0.0171555	1.58809	1.58809	0.616664	0.922776	-1.08369	6.05675	2.43247	0.356989	1
cg03288461	0.100755	1.34709	1.34709	0.00145731	0.466717	-2.14263	0.456396	1.13397	1.13397	0.80864	1.04103	1.04103	4.76171	2.07176	0.386745	1
cg05719181	0.36752	0.78237	-1.27817	0.00165869	3.29789	3.29789	0.121042	1.56166	1.56166	0.0532632	1.78995	1.78995	7.48351	8.33183	0.989652	1
cg01684579	0.00640213	0.257721	-3.88017	0.000284797	0.103795	-9.63437	0.0177742	0.332335	-3.00901	0.00822882	0.27472	-3.64006	9.67593	22.3888	2.05677	1
cg22837283	0.173616	1.36985	1.36985	0.00215316	0.391977	-2.55117	0.0821104	1.52001	1.52001	0.0758569	0.650846	-1.53646	7.01852	5.25257	0.665233	1
cg01590787	0.0596619	0.374653	-2.66913	0.0137979	0.245121	-4.07961	0.1553	0.495371	-2.01869	0.0323412	0.314252	-3.18216	3.94426	13.3295	3.00398	1
cg26132490	0.159592	0.574238	-1.74144	?	?	?	0.0294037	2.57755	2.57755	0.0555599	0.448981	-2.22727	7.68618	11.0556	1.91783	1
cg19750232	0.141771	1.33497	1.33497	0.0451908	0.656892	-1.52232	0.123219	1.35714	1.35714	0.757651	1.05824	1.05824	4.02208	2.13052	0.470849	1
cg01252586	0.162145	0.772825	-1.29395	0.878665	0.973968	-1.02673	0.48278	0.884122	-1.13107	0.217359	1.25118	1.25118	3.5255	1.66456	0.419686	1
cg22225892	0.321877	0.914151	-1.09391	7.51E-05	0.532387	-1.87833	0.308186	0.911638	-1.09693	0.646771	1.0413	1.0413	11.1524	1.35879	0.108301	1
cg16579101	0.0347803	0.876257	-1.14122	0.5048	1.037	1.037	0.000134235	0.701055	-1.42642	0.199633	0.929837	-1.07546	10.9475	0.49969	0.0405725	1
cg00506612	0.494948	0.866199	-1.15447	0.00019889	3.65187	3.65187	0.0533257	1.57615	1.57615	0.883538	1.03085	1.03085	9.44036	6.42353	0.604829	1
cg00383178	0.732489	1.04186	1.04186	0.00104661	0.560039	-1.78559	0.320624	1.13049	1.13049	0.0415594	0.755142	-1.32425	5.56748	1.25953	0.201093	1
cg25626318	0.0376134	1.54366	1.54366	0.00606128	0.524578	-1.90629	0.033615	0.639706	-1.56322	0.857106	0.968077	-1.03298	5.21017	2.67376	0.456161	1
cg12806521	0.00372644	1.45872	1.45872	0.0107515	1.36191	1.36191	0.563107	1.05796	1.05796	0.367434	1.09333	1.09333	4.7563	0.699726	0.130769	1
cg17096807	0.418045	0.731498	-1.36706	0.925613	1.03591	1.03591	0.00151298	5.6205	5.6205	0.474879	0.759911	-1.31594	4.10617	9.28333	2.00962	1
cg19121550	0.891563	0.977489	-1.02303	0.000166567	0.342865	-2.9166	0.825246	1.0376	1.0376	0.882024	1.0251	1.0251	5.88656	2.59775	0.392268	1
cg14542207	0.715801	0.935925	-1.06846	0.0251866	0.617457	-1.61955	0.174589	1.29891	1.29891	0.600653	1.10038	1.10038	4.05371	2.1058	0.461756	1
cg25373401	0.00136454	0.501193	-1.99524	0.000778532	0.469719	-2.12893	0.22099	1.21075	1.21075	0.0847447	0.753245	-1.32759	13.1612	4.60516	0.311025	1
cg20063640	0.0838243	0.389068	-2.57024	0.00134189	0.100335	-9.96658	0.0140269	0.223899	-4.46631	0.0276047	0.276707	-3.61393	4.86501	18.7573	3.42717	1
cg11389889	0.00236029	0.107968	-9.26201	0.000299762	0.0456609	-21.9006	0.0211296	0.233399	-4.28452	0.00780262	0.16658	-6.00313	10.207	44.517	3.87682	1
cg05205351	0.0908653	0.359359	-2.78274	0.00300096	0.110901	-9.01702	0.0212997	0.180316	-5.54581	0.0326049	0.253204	-3.94938	4.61455	22.0635	4.25004	1
cg13272108	0.095252	0.368411	-2.71436	0.00340354	0.114332	-8.74648	0.0252249	0.234944	-4.25636	0.0775709	0.343453	-2.91161	3.51936	16.5415	4.17791	1
cg08216131	0.0482353	0.34872	-2.86763	0.000813166	0.0947702	-10.5518	0.725594	0.848355	-1.17875	0.0466843	0.345433	-2.89491	5.42459	18.7116	3.06614	1
cg03112877	0.0453113	0.453537	-2.20489	0.0215245	0.386461	-2.58759	0.503378	1.26345	1.26345	0.00797298	0.310016	-3.22564	3.53225	6.63322	1.66925	1
cg21028182	0.323293	0.75629	-1.32224	0.000381197	0.211517	-4.72774	0.296591	0.743553	-1.34489	0.0418543	0.526131	-1.90067	6.4572	7.66686	1.05541	1
cg11455955	0.000675554	0.327047	-3.05766	0.00394304	0.434345	-2.30232	0.11496	0.691724	-1.44566	0.0170461	0.506368	-1.97485	10.0243	7.34086	0.65094	1
cg17872064	0.950908	0.987416	-1.01274	0.00833324	0.499812	-2.00075	0.0097326	0.510407	-1.95922	0.677681	1.08977	1.08977	8.49177	5.695	0.595557	1
cg24588278	0.1718	0.520194	-1.92236	0.00601265	0.199341	-5.01653	0.237624	1.74338	1.74338	0.0221964	0.291771	-3.42735	4.12853	13.1991	2.84181	1
cg18000924	0.391356	1.14516	1.14516	0.00661457	0.580366	-1.72305	0.969035	0.994027	-1.00601	0.832624	1.0332	1.0332	3.69254	1.39299	0.335327	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25069420	NOP58;SNORD70	0.0116215	0.220865	0.517874	-1.93097	0.356834	0.615985	-1.62342	0.14973	0.454011	-2.20259	0.26431	0.551628	-1.81282	0.000756778	0.0734768	-13.6097
cg03429512	NOP58;SNORD70	0.0231158	0.238384	0.74225	-1.34726	0.623953	0.887574	-1.12667	0.0117258	0.467678	-2.13822	0.461885	1.19815	1.19815	0.00705896	0.431526	-2.31736
cg02397205	NOS1	2.37E-06	9.04E-05	0.274459	-3.64353	5.91E-05	0.253355	-3.94703	0.000141011	0.297234	-3.36435	0.000197641	0.315007	-3.17454	1.56E-05	0.192286	-5.20059
cg04529785	NOS1	2.32E-05	?	?	?	0.00164484	1.58474	1.58474	?	?	?	0.071404	1.16015	1.16015	0.000310543	0.491716	-2.03369
cg11854928	NOS1	4.00E-05	0.670891	1.08934	1.08934	0.927894	0.982043	-1.01829	2.23E-05	0.182123	-5.4908	0.108275	1.42015	1.42015	0.0596776	0.653471	-1.53029
cg13316625	NOS1	6.10E-05	2.03E-05	0.108651	-9.20374	0.000294372	0.218928	-4.56771	0.00140316	0.303752	-3.29216	0.231443	0.723768	-1.38166	1.81E-05	0.104979	-9.52575
cg17445802	NOS1	8.52E-05	0.00572328	0.380417	-2.62869	0.00695315	0.393924	-2.53856	0.333371	0.766291	-1.30499	0.0769306	1.69002	1.69002	0.0543831	0.558588	-1.79023
cg02595280	NOS1	8.78E-05	0.0132449	0.452997	-2.20752	2.34E-05	0.113053	-8.84542	2.07E-05	0.108935	-9.17982	0.126175	0.652599	-1.53234	7.07E-05	0.15418	-6.48592
cg22827685	NOS1	0.000650372	0.337605	0.821897	-1.2167	0.820199	1.04621	1.04621	0.00475864	0.475339	-2.10376	0.00096026	0.376908	-2.65317	3.76E-05	0.207855	-4.81104
cg02962597	NOS1	0.00169303	0.997891	0.999079	-1.00092	0.0959658	0.528775	-1.89116	0.0344955	0.423439	-2.36162	0.00226367	0.22563	-4.43203	0.494853	0.785391	-1.27325
cg20840426	NOS1	0.00221264	0.00261797	0.227231	-4.4008	0.0812847	0.502988	-1.98812	0.105049	0.532683	-1.87729	0.0106043	0.318913	-3.13565	0.0277247	0.396422	-2.52256
cg13713537	NOS1	0.00224975	0.580556	0.831169	-1.20313	0.0749334	0.518328	-1.92928	0.000841705	0.189417	-5.27935	0.675551	0.869822	-1.14966	0.000875173	0.191362	-5.22569
cg17119907	NOS1	0.00395263	0.047712	3.77487	3.77487	0.000986229	0.056525	-17.6913	0.970803	0.978756	-1.02171	0.320541	1.82609	1.82609	0.441152	1.58539	1.58539
cg21006686	NOS1	0.00699971	0.00148388	0.18045	-5.54171	0.184553	0.591137	-1.69166	0.281729	0.658444	-1.51873	0.971669	0.986822	-1.01335	0.00318842	0.222197	-4.50051
cg07254987	NOS1	0.00905725	0.105709	0.704724	-1.419	0.220985	1.29017	1.29017	0.57781	0.894636	-1.11777	0.11966	0.715797	-1.39704	0.358892	0.829601	-1.2054
cg17132902	NOS1	0.0156203	0.0210133	4.72366	4.72366	0.122028	0.391674	-2.55315	0.784992	1.16525	1.16525	0.129644	2.49843	2.49843	0.127357	2.51442	2.51442
cg10914558	NOS1	0.0220693	0.376606	0.656702	-1.52276	0.0276355	0.299109	-3.34326	0.570572	0.766687	-1.30431	0.758027	0.866562	-1.15399	0.0487501	0.352328	-2.83827
cg22341854	NOS1AP;MIR556;NOS1AP	0.0476118	0.257978	1.2332	1.2332	0.0111327	0.568295	-1.75965	0.816248	1.0422	1.0422	0.696946	0.932861	-1.07197	0.453316	1.14529	1.14529
cg02482624	NOS1AP;NOS1AP	0.00401776	0.0113501	1.68352	1.68352	0.530479	0.900846	-1.11007	0.226383	0.811608	-1.23212	0.148474	0.775156	-1.29006	0.00387218	0.527625	-1.89528
cg17096191	NOS1AP;NOS1AP	0.00417529	0.0651526	0.784046	-1.27544	0.562964	1.07113	1.07113	0.954133	1.00678	1.00678	0.596713	1.06475	1.06475	0.271723	1.14389	1.14389
cg21415215	NOS1AP;NOS1AP	0.00546112	0.00109287	0.135631	-7.37292	0.678912	0.841448	-1.18843	0.820459	0.910033	-1.09886	0.148604	0.525963	-1.90128	0.00106423	0.13448	-7.43604
cg08848462	NOS1AP;NOS1AP	0.0184648	0.774339	1.05454	1.05454	0.25921	0.804582	-1.24288	0.305076	1.21675	1.21675	0.0374285	0.640122	-1.5622	0.0247748	0.610375	-1.63834
cg13400077	NOS1AP;NOS1AP	0.0257487	0.356605	0.864523	-1.15671	0.0599784	0.721941	-1.38516	0.00659487	0.581821	-1.71874	0.154179	0.7912	-1.2639	0.0182993	0.644247	-1.5522
cg21692434	NOS1AP;NOS1AP	0.0278691	0.0119291	0.395821	-2.52639	0.0428714	0.502366	-1.99058	0.0582434	0.531413	-1.88177	0.971405	0.989468	-1.01064	0.00138533	0.254264	-3.93293
cg21998383	NOS1AP;NOS1AP	0.0416588	0.118185	0.8223	-1.2161	0.0368428	1.32267	1.32267	0.0117063	1.43801	1.43801	0.271207	0.876245	-1.14123	0.106412	1.22548	1.22548
cg13688312	NOS1AP;NOS1AP;NOS1AP	0.00164492	0.0040108	0.221589	-4.51285	0.83137	0.920245	-1.08667	0.000736821	0.135528	-7.37855	0.460244	0.745998	-1.34049	0.000487396	0.118792	-8.41809
cg11687863	NOS1AP;NOS1AP;NOS1AP	0.0217186	0.82465	1.04089	1.04089	0.022105	1.64148	1.64148	0.250228	0.804937	-1.24233	0.698095	1.07293	1.07293	0.0425708	0.655943	-1.52452
cg26813162	NOS1AP;NOS1AP;NOS1AP	0.0224294	0.809485	0.931768	-1.07323	0.00143094	0.259432	-3.85458	0.662691	1.13703	1.13703	0.199115	1.48735	1.48735	0.701269	0.893349	-1.11938
cg03391436	NOS1AP;NOS1AP;NOS1AP	0.0285522	0.173219	0.729256	-1.37126	0.0687654	1.55858	1.55858	0.0129724	1.95768	1.95768	0.760502	1.06888	1.06888	0.0175784	0.532895	-1.87654
cg02858267	NOS1AP;NOS1AP;NOS1AP	0.0330899	0.355337	0.864797	-1.15634	0.68945	0.940477	-1.06329	0.411027	0.879475	-1.13704	0.798421	0.961655	-1.03987	0.762462	0.954744	-1.0474
cg04915463	NOS1AP;NOS1AP;NOS1AP;NOS1AP	0.000308547	0.732297	0.974057	-1.02663	0.16004	1.12177	1.12177	0.677524	1.03253	1.03253	0.147231	0.887752	-1.12644	0.0274556	1.22099	1.22099
cg07831322	NOS2	0.000813016	0.037362	0.723673	-1.38184	0.745993	0.957425	-1.04447	5.79E-05	0.368679	-2.71239	0.309689	0.86873	-1.1511	0.00419407	0.598454	-1.67097
cg02976568	NOS2	0.0073443	0.287077	0.868265	-1.15172	0.242244	0.855215	-1.1693	0.0266901	0.714936	-1.39873	0.0144229	1.4701	1.4701	0.494707	0.915203	-1.09265
cg04961189	NOS2	0.0135313	0.213652	0.719781	-1.38931	0.028561	0.522715	-1.91309	0.105427	0.641347	-1.55922	0.00375177	2.67111	2.67111	0.0101309	0.442865	-2.25803
cg26712188	NOS2	0.0164447	0.0390445	0.592615	-1.68743	0.00125289	0.356235	-2.80714	0.0117294	0.501761	-1.99298	0.213721	0.750681	-1.33212	0.222726	0.75529	-1.32399
cg26853415	NOS2;NOS2	0.000450613	0.00783892	0.254532	-3.92877	0.00440313	0.217727	-4.5929	0.00109713	0.145074	-6.89303	0.044134	0.395609	-2.52775	0.000116266	0.0666491	-15.0039
cg07704981	NOS2;NOS2	0.000491737	0.150012	0.558564	-1.79031	0.896845	1.05017	1.05017	0.00062371	0.137242	-7.28642	0.001825	0.187919	-5.32144	1.25E-05	0.0310368	-32.2199
cg07150830	NOS2;NOS2	0.00267905	0.0987194	0.650832	-1.53649	0.194934	0.722352	-1.38437	0.00249033	0.36895	-2.71039	0.0230703	0.524852	-1.9053	0.000392476	0.261833	-3.81922
cg20498962	NOS3	0.00271745	0.206703	0.718804	-1.3912	0.000257512	4.4436	4.4436	0.0240732	1.94849	1.94849	0.110277	1.53956	1.53956	0.235152	1.36136	1.36136
cg21901847	NOS3	0.00428579	0.0616336	1.60626	1.60626	0.00040076	0.281496	-3.55245	0.0011415	0.340645	-2.9356	0.606561	0.889634	-1.12406	0.961573	0.989212	-1.01091
cg05337454	NOS3	0.00513064	0.545156	1.06037	1.06037	0.183464	1.14465	1.14465	0.00100279	0.626542	-1.59606	0.205761	0.880049	-1.1363	0.0915518	0.837063	-1.19465
cg10501602	NOS3	0.00785158	0.0148638	3.81332	3.81332	0.00186076	7.18936	7.18936	0.121047	2.11927	2.11927	0.18838	1.86389	1.86389	0.0310228	3.09913	3.09913
cg24032393	NOS3	0.0158377	0.0615245	1.65359	1.65359	0.00928219	2.1995	2.1995	0.265945	1.31891	1.31891	0.0517584	1.69654	1.69654	0.0445308	0.576436	-1.7348
cg03469471	NOS3	0.0398782	0.0352786	0.534409	-1.87123	0.034191	0.531753	-1.88057	0.088471	0.618582	-1.6166	0.183146	1.43473	1.43473	0.295403	0.757818	-1.31958
cg00700487	NOS3	0.0415774	0.0310264	3.54509	3.54509	0.00435635	6.71321	6.71321	0.0547798	2.971	2.971	0.0690944	2.76412	2.76412	0.164284	2.0997	2.0997
cg13224213	NOS3;NOS3;NOS3;NOS3	0.00038063	0.000343489	0.514523	-1.94355	0.0276642	0.740679	-1.35011	0.188058	0.851431	-1.17449	0.000867953	0.562022	-1.77929	2.07E-05	0.371363	-2.69278
cg12547085	NOS3;NOS3;NOS3;NOS3	0.00646268	0.00524574	0.511341	-1.95564	0.149871	0.754858	-1.32475	0.3246	0.830849	-1.20359	0.028727	0.625025	-1.59994	0.000604107	0.381598	-2.62056
cg17690263	NOS3;NOS3;NOS3;NOS3	0.0348809	0.309124	1.23223	1.23223	0.669621	0.918371	-1.08888	0.668575	0.918105	-1.0892	0.387317	1.1922	1.1922	0.162661	0.744005	-1.34408
cg16028175	NOSIP	0.00145995	0.0129532	1.86054	1.86054	0.0224763	0.576783	-1.73375	0.0522393	1.5596	1.5596	0.000177368	3.59333	3.59333	0.0123919	1.87127	1.87127
cg04355077	NOSIP	0.00409997	0.217243	1.33423	1.33423	0.020851	1.8547	1.8547	0.167531	1.38648	1.38648	0.307334	1.26456	1.26456	0.155855	1.4011	1.4011
cg12149986	NOSIP	0.0204206	0.704544	1.08673	1.08673	0.00701934	2.14038	2.14038	0.31564	1.25421	1.25421	0.847239	0.958769	-1.043	0.0373922	1.69444	1.69444
cg06468619	NOSIP;PRRG2	0.00168881	0.187367	1.37156	1.37156	0.00292087	2.52071	2.52071	0.108454	0.673062	-1.48575	0.138661	0.697377	-1.43394	0.00246165	0.385883	-2.59146
cg20626642	NOSTRIN	0.00170237	0.306884	0.707453	-1.41352	0.0080254	0.329124	-3.03837	0.157583	0.609928	-1.63954	0.000523391	0.170521	-5.86438	0.165069	0.616008	-1.62336
cg08430074	NOSTRIN	0.0156004	0.425649	0.67831	-1.47425	0.135427	0.464024	-2.15506	0.0192617	0.25903	-3.86056	0.201469	0.525389	-1.90335	0.0438255	0.33106	-3.0206
cg16960758	NOSTRIN;NOSTRIN;NOSTRIN;NOSTRIN	7.16E-06	0.0088557	0.646395	-1.54704	3.02E-05	2.91166	2.91166	0.0204033	0.693496	-1.44197	0.00137092	0.544348	-1.83706	7.67E-07	0.175184	-5.70828
cg25694915	NOSTRIN;NOSTRIN;NOSTRIN;NOSTRIN	0.00113754	0.630137	1.10186	1.10186	0.0219557	1.73236	1.73236	0.385495	0.837052	-1.19467	0.154197	0.737164	-1.35655	6.68E-05	0.232082	-4.30881
cg13089661	NOSTRIN;NOSTRIN;NOSTRIN;NOSTRIN NOSTRIN;NOSTRIN;NOSTRIN;NOSTRIN;	0.0101782	0.0459711	0.548051	-1.82465	0.0114947	0.435494	-2.29624	0.0036051	0.354834	-2.81822	0.262346	0.735437	-1.35974	0.00165008	0.305935	-3.26867
cg09479286	NOSTRIN	0.00785636	0.409614	0.757311	-1.32046	0.00816485	3.05243	3.05243	0.447141	0.774602	-1.29099	0.014629	0.371216	-2.69385	0.00158276	0.224224	-4.45982
cg16829154	NOTCH1	0.000752016	0.922929	1.01093	1.01093	0.0664905	1.26022	1.26022	0.0153304	1.39724	1.39724	0.101317	1.2234	1.2234	0.219856	1.15603	1.15603
cg13415390	NOTCH1	0.000967079	0.280318	1.2586	1.2586	0.00702794	2.04259	2.04259	0.047657	0.628653	-1.5907	0.63838	0.907543	-1.10188	0.00336873	0.4416	-2.26449
cg14217861	NOTCH1	0.00282031	0.0601716	0.416669	-2.39999	0.13824	0.51733	-1.933	0.0174505	0.302713	-3.30346	0.75117	0.876895	-1.14039	0.00394631	0.201649	-4.95912
cg14364472	NOTCH1	0.00288913	0.011317	3.52644	3.52644	0.000747236	7.63758	7.63758	0.00304866	5.0164	5.0164	0.0322909	2.7078	2.7078	0.0121637	0.288885	-3.46159
cg14473974	NOTCH1	0.00443681	0.175563	1.09721	1.09721	0.00923616	1.23714	1.23714	0.330264	1.06684	1.06684	0.04141	1.16356	1.16356	0.0703517	0.877855	-1.13914
cg14479303	NOTCH1	0.0058631	0.399201	0.802316	-1.24639	0.781902	0.931628	-1.07339	0.458455	0.824765	-1.21247	0.411366	0.807055	-1.23907	0.000162889	0.193636	-5.16432
cg13861904	NOTCH1	0.00646308	0.0401655	0.215054	-4.64999	0.125003	0.340831	-2.93401	0.0134395	0.137542	-7.27052	0.423586	0.588751	-1.69851	0.0115363	0.129031	-7.7501
cg13798431	NOTCH1	0.00994271	0.29887	1.55696	1.55696	0.218095	0.58702	-1.70352	0.302946	0.644843	-1.55076	0.0660934	2.33425	2.33425	0.0003662	0.0956583	-10.4539
cg14410964	NOTCH1	0.0106568	0.0723298	0.600521	-1.66522	0.212614	0.716187	-1.39628	0.123768	0.654497	-1.52789	0.142643	0.669849	-1.49287	0.00338415	0.363017	-2.75469
cg07220821	NOTCH1	0.0111825	0.439556	1.20096	1.20096	0.0950341	1.53133	1.53133	0.180275	0.71854	-1.39171	0.149784	1.43148	1.43148	0.00135234	0.339209	-2.94804
cg14178775	NOTCH1	0.0116309	0.909897	0.974854	-1.0258	0.225126	0.750802	-1.33191	0.222486	0.749449	-1.33431	0.0341861	1.74364	1.74364	0.00602812	0.446132	-2.24149
cg13537499	NOTCH1	0.0139204	0.327574	1.247	1.247	0.506153	0.862998	-1.15875	0.001956	0.384272	-2.60232	0.15742	1.39128	1.39128	0.00534491	0.448682	-2.22875
cg02407308	NOTCH1	0.0156546	0.229648	0.818237	-1.22214	0.826925	1.03546	1.03546	0.950708	1.00989	1.00989	0.00847153	1.70728	1.70728	0.596139	0.9184	-1.08885
cg13669985	NOTCH1	0.0160481	0.0633736	1.65424	1.65424	0.691982	0.908465	-1.10076	0.0786256	0.624425	-1.60147	0.900749	0.970368	-1.03054	0.00165372	0.337705	-2.96117
cg12566821	NOTCH1	0.0172099	0.641286	1.04282	1.04282	0.00993725	0.747552	-1.3377	0.45407	0.93413	-1.07051	0.523194	0.943826	-1.05952	0.107531	0.854756	-1.16992
cg00184461	NOTCH1	0.0175002	0.779697	0.954476	-1.0477	0.362654	0.856019	-1.1682	0.387204	0.863059	-1.15867	0.141288	1.30064	1.30064	0.0708667	0.715094	-1.39842
cg09073701	NOTCH1	0.0180395	0.117507	0.650413	-1.53748	0.344232	0.781526	-1.27955	0.188939	0.703181	-1.42211	0.274192	1.3336	1.3336	0.0195022	0.489518	-2.04283
cg05784201	NOTCH1	0.0188271	0.588263	1.27	1.27	0.230321	0.57676	-1.73382	0.118871	0.477004	-2.09642	0.0465036	2.71034	2.71034	0.00967309	0.23891	-4.18568
cg00102615	NOTCH1	0.0189849	0.360825	1.16043	1.16043	0.306051	0.845482	-1.18276	0.419977	0.877654	-1.1394	0.374193	1.15543	1.15543	0.00217758	0.506067	-1.97602
cg13463847	NOTCH1	0.0206106	0.313538	1.32422	1.32422	0.970664	0.990141	-1.00996	0.379408	0.78432	-1.27499	0.0363526	1.92612	1.92612	0.316884	0.756722	-1.32149
cg14114284	NOTCH1	0.0252749	0.805373	1.10592	1.10592	0.172678	1.80736	1.80736	0.951427	1.02515	1.02515	0.461381	1.35772	1.35772	0.00060921	0.116021	-8.61912
cg14494733	NOTCH1	0.0290112	0.0442968	0.25611	-3.90458	0.00961979	0.144794	-6.90636	0.275238	0.512079	-1.95282	0.14038	0.392512	-2.54769	0.0212081	0.195263	-5.12129
cg19687075	NOTCH1	0.0332714	0.0576499	0.50304	-1.98791	0.434234	0.774617	-1.29096	0.147163	0.607797	-1.64529	0.396307	0.757275	-1.32052	0.00147484	0.230226	-4.34357
cg14120703	NOTCH1	0.0365646	0.912432	0.966637	-1.03451	0.0343161	0.466937	-2.14162	0.596527	0.848064	-1.17916	0.143989	0.616199	-1.62285	0.542201	0.826708	-1.20962
cg03348937	NOTCH1	0.0367963	0.233985	0.57233	-1.74724	0.00539761	0.19435	-5.14536	0.14925	0.500733	-1.99707	0.21621	1.78974	1.78974	0.0125965	0.249684	-4.00507
cg12076931	NOTCH1	0.039049	0.0442453	0.456755	-2.18936	0.349306	0.721303	-1.38638	0.0433145	0.454715	-2.19918	0.244097	0.661517	-1.51168	0.00760301	0.312262	-3.20244
cg06592006	NOTCH1	0.0404727	0.738787	0.904417	-1.10568	0.131435	0.613318	-1.63047	0.63052	0.864599	-1.15661	0.121194	1.65608	1.65608	0.0106762	0.381557	-2.62084
cg10835306	NOTCH1	0.0445455	0.529154	0.914925	-1.09299	0.883689	0.979791	-1.02063	0.2674	0.851178	-1.17484	0.500968	0.909133	-1.09995	0.00323859	0.571169	-1.75079
cg20042228	NOTCH1	0.0492137	0.398779	0.887145	-1.12721	0.231217	1.19015	1.19015	0.0426315	1.38201	1.38201	0.537278	0.917052	-1.09045	0.049486	0.732932	-1.36438
cg05824755	NOTCH2	0.00338804	0.0111658	0.597541	-1.67353	0.177649	0.792987	-1.26105	0.00875616	0.582368	-1.71713	0.255651	0.825196	-1.21183	0.000359606	0.395856	-2.52617
cg02671382	NOTCH2	0.00580343	0.911802	0.971925	-1.02889	0.0152923	0.465183	-2.14969	0.00620071	0.399639	-2.50226	0.896409	1.03404	1.03404	0.675832	0.897555	-1.11414
cg02725935	NOTCH2	0.0191997	0.02832	0.358364	-2.79046	0.272412	1.57277	1.57277	0.572037	1.25401	1.25401	0.000979331	0.14322	-6.98224	?	?	?
cg07518362	NOTCH2	0.019738	0.282334	0.868409	-1.15153	0.0186476	1.43354	1.43354	0.116055	1.24074	1.24074	0.127131	0.811913	-1.23166	0.0534128	1.31929	1.31929
cg15451735	NOTCH2NL	4.65E-06	0.0967122	0.634605	-1.57578	0.0736913	1.64419	1.64419	0.0255106	1.93856	1.93856	0.272173	0.751973	-1.32983	0.749023	0.923069	-1.08334
cg05759316	NOTCH2NL	0.00550396	0.00693116	0.554247	-1.80425	0.00449919	0.527506	-1.89571	0.14036	0.764982	-1.30722	0.256447	0.818682	-1.22148	0.000503222	0.399053	-2.50594
cg14210236	NOTCH2NL	0.0111155	0.119022	0.672261	-1.48752	0.369438	0.805458	-1.24153	0.155247	0.699795	-1.42899	0.0796901	0.633504	-1.57852	0.00967101	0.463736	-2.1564
cg01011482	NOTCH2NL	0.0298968	0.017178	0.506694	-1.97358	0.57432	0.875574	-1.14211	0.0363859	0.565798	-1.76742	0.515231	0.856857	-1.16706	0.00459782	0.413486	-2.41846
cg02963198	NOTCH2NL	0.042385	0.701553	0.956205	-1.0458	0.159072	1.19129	1.19129	0.815339	1.02758	1.02758	0.710285	0.957531	-1.04435	0.0266867	1.35718	1.35718
cg08529654	NOTCH3	0.000238841	0.62352	1.09536	1.09536	0.000109601	3.50419	3.50419	0.0106198	1.80672	1.80672	0.00568135	1.9501	1.9501	0.000554763	0.372878	-2.68184
cg02904605	NOTCH3	0.000270105	0.175985	1.29479	1.29479	0.180457	0.774629	-1.29094	0.15435	0.76051	-1.31491	0.171975	1.29832	1.29832	3.50E-06	0.141132	-7.08557
cg01483459	NOTCH3	0.000410643	0.285794	0.783421	-1.27645	0.876576	0.966358	-1.03481	0.12537	0.694041	-1.44084	0.0561942	0.621171	-1.60986	9.89E-05	0.218315	-4.58054
cg08013143	NOTCH3	0.000435308	0.117276	0.745462	-1.34145	0.579828	0.90796	-1.10137	0.0230151	0.625358	-1.59908	0.553116	0.901593	-1.10915	5.46E-06	0.169503	-5.89959
cg01643250	NOTCH3	0.000462826	0.346842	0.683655	-1.46273	0.266574	1.57528	1.57528	0.406188	0.716337	-1.39599	0.397492	0.711685	-1.40512	5.49E-06	0.0177183	-56.4388
cg11358549	NOTCH3	0.00101118	0.0885811	0.660969	-1.51293	0.234299	1.31625	1.31625	0.223124	0.754178	-1.32595	0.0332977	0.577937	-1.73029	0.00867119	0.47837	-2.09043
cg14696996	NOTCH3	0.00171721	0.0599408	0.726317	-1.37681	0.0663264	1.36381	1.36381	0.00220278	0.523816	-1.90907	0.0629643	0.729673	-1.37048	0.00044247	0.43356	-2.30649
cg09265397	NOTCH3	0.00218719	0.00194927	0.489593	-2.04251	0.0460532	0.688899	-1.45159	0.3004	0.839518	-1.19116	0.0103687	0.590795	-1.69264	0.00165565	0.480046	-2.08313
cg01814364	NOTCH3	0.0033148	0.000177057	0.310616	-3.21941	0.037878	0.642185	-1.55718	0.698007	1.07436	1.07436	0.821359	0.95925	-1.04248	0.00183421	0.442998	-2.25734
cg03773731	NOTCH3	0.00341421	0.346091	0.89051	-1.12295	0.543575	0.929158	-1.07624	0.53854	0.928282	-1.07726	0.586883	1.06776	1.06776	0.0732322	0.787615	-1.26966
cg18875435	NOTCH3	0.00462218	0.00207377	0.0843537	-11.8548	0.0665989	0.30942	-3.23186	0.0121337	0.16812	-5.94813	0.0151054	0.182176	-5.48918	0.00160998	0.0758187	-13.1894
cg02584678	NOTCH3	0.00747498	0.604721	0.862835	-1.15897	0.00505822	2.84984	2.84984	0.0663769	1.78912	1.78912	0.0142095	2.35049	2.35049	0.057208	0.544524	-1.83647
cg02294312	NOTCH3	0.0092562	0.156105	1.39614	1.39614	0.185702	0.734457	-1.36155	0.524852	0.867862	-1.15226	0.97907	0.994247	-1.00579	0.000197438	0.252632	-3.95833
cg17075538	NOTCH3	0.0101445	0.494741	1.15553	1.15553	0.0183132	0.550486	-1.81658	0.491592	0.864462	-1.15679	0.128056	1.40919	1.40919	0.655619	1.09811	1.09811
cg27191554	NOTCH3	0.0180875	0.341006	1.15855	1.15855	0.00164301	1.96616	1.96616	0.490405	1.11079	1.11079	0.60844	0.925428	-1.08058	0.0380325	0.697181	-1.43435
cg22311879	NOTCH3	0.0194144	0.0385783	0.620296	-1.61213	0.549833	0.886396	-1.12816	0.153092	0.737173	-1.35653	0.212251	0.769615	-1.29935	0.000705488	0.357388	-2.79808
cg17498321	NOTCH3	0.0221979	0.576195	1.0535	1.0535	0.870958	0.985109	-1.01512	0.311357	1.10149	1.10149	0.0455858	1.23561	1.23561	0.00539177	1.40225	1.40225
cg13673837	NOTCH3	0.025722	0.875895	0.94877	-1.054	0.00161828	0.218582	-4.57494	0.50924	0.798284	-1.25269	0.0580462	0.486322	-2.05625	0.0114011	0.34452	-2.90259
cg22809798	NOTCH3	0.0330806	0.0134288	0.275596	-3.6285	0.722078	0.860394	-1.16226	0.575835	0.788217	-1.26869	0.165265	0.536254	-1.86479	0.0399471	0.367988	-2.71748
cg18718410	NOTCH3	0.0338758	0.0190962	0.30074	-3.32513	0.824832	1.09844	1.09844	0.30473	0.637503	-1.56862	0.875125	1.06888	1.06888	0.00856617	0.241586	-4.13931
cg15205568	NOTCH3	0.0346131	0.686453	1.10222	1.10222	0.101726	1.53676	1.53676	0.151034	0.691385	-1.44637	0.0688473	0.613631	-1.62964	0.0152915	0.489575	-2.04259
cg25535708	NOTCH3	0.047632	0.173952	1.3195	1.3195	0.309451	1.22337	1.22337	0.213669	1.28529	1.28529	0.0645017	1.48896	1.48896	0.028827	0.610126	-1.63901
cg03665287	NOTCH3	0.0495664	0.0113013	0.575593	-1.73734	0.593435	1.09836	1.09836	0.250553	1.23249	1.23249	0.321931	0.836816	-1.19501	0.249956	0.811134	-1.23284
cg11868595	NOTCH4	2.09E-06	0.108319	0.861878	-1.16026	0.00316444	0.710253	-1.40795	0.000915743	0.656755	-1.52264	0.00414265	0.721692	-1.38563	2.61E-06	0.382235	-2.61619
cg18607901	NOTCH4	2.95E-06	0.753275	0.962895	-1.03853	0.122855	1.22196	1.22196	0.00392732	0.62791	-1.59259	0.107039	1.23486	1.23486	3.12E-08	0.0903107	-11.0729
cg15318627	NOTCH4	6.95E-06	4.47E-06	0.177596	-5.63075	8.91E-06	0.206677	-4.83847	2.04E-05	0.244182	-4.09531	0.00208622	0.492082	-2.03218	2.71E-06	0.157788	-6.33762
cg14570531	NOTCH4	1.04E-05	0.498893	1.05199	1.05199	0.33635	1.07593	1.07593	0.000126962	0.611163	-1.63623	0.123043	0.883953	-1.13128	0.631846	1.03628	1.03628
cg07024453	NOTCH4	2.97E-05	0.118539	0.836715	-1.19515	0.412184	1.09222	1.09222	1.31E-05	0.382067	-2.61734	0.188213	0.86356	-1.158	4.01E-06	0.324036	-3.08608
cg02592454	NOTCH4	3.22E-05	0.283696	1.21202	1.21202	0.0208603	1.61622	1.61622	0.00317232	0.498651	-2.00541	3.60E-06	0.153274	-6.52425	1.79E-05	0.22026	-4.54009
cg26009230	NOTCH4	7.67E-05	0.321804	0.737974	-1.35506	0.00362157	0.310722	-3.21831	0.000827036	0.224279	-4.45873	0.799542	0.927243	-1.07847	3.41E-05	0.0923632	-10.8268
cg08130490	NOTCH4	7.74E-05	0.991088	0.998303	-1.0017	9.25E-05	0.34611	-2.88926	0.000194071	0.385372	-2.59489	0.0123946	0.622947	-1.60527	0.244897	0.831146	-1.20316
cg03626364	NOTCH4	9.51E-05	0.000356302	0.421675	-2.3715	0.024513	0.667875	-1.49729	0.00024963	0.40231	-2.48565	0.00478177	0.568789	-1.75812	0.000127102	0.366182	-2.73088
cg17982494	NOTCH4	0.000127159	0.384957	1.12223	1.12223	0.115343	1.24811	1.24811	0.0533926	0.752704	-1.32854	0.600013	0.933791	-1.0709	0.25472	0.857306	-1.16644
cg01136185	NOTCH4	0.000133714	0.686675	0.934854	-1.06969	1.43E-05	0.222796	-4.48841	0.550689	0.90457	-1.1055	0.955068	0.990683	-1.0094	0.000485437	0.403099	-2.48078
cg24761212	NOTCH4	0.000148307	0.000735992	0.357459	-2.79753	0.482492	0.8666	-1.15393	2.30E-05	0.182899	-5.46749	0.000461479	0.331025	-3.02092	5.51E-05	0.221867	-4.5072
cg15183440	NOTCH4	0.000169554	0.993697	0.998837	-1.00116	0.000494682	0.447798	-2.23315	0.000359788	0.430357	-2.32365	0.710909	1.05638	1.05638	1.37E-05	0.262076	-3.81568
cg24349745	NOTCH4	0.00020707	0.483428	1.15981	1.15981	0.8509	1.03995	1.03995	0.926173	1.01948	1.01948	0.633208	1.10526	1.10526	0.0022132	0.409562	-2.44164
cg11251925	NOTCH4	0.00021109	0.000375098	0.499	-2.00401	0.13847	1.21524	1.21524	0.831542	1.02638	1.02638	0.00929482	1.49683	1.49683	3.70E-05	0.379229	-2.63693
cg00697559	NOTCH4	0.000221572	0.988676	0.997161	-1.00285	0.794064	0.948944	-1.0538	0.00138871	0.395225	-2.53021	0.758183	0.940013	-1.06381	0.11739	0.711277	-1.40592
cg01175636	NOTCH4	0.000241246	0.000127033	0.243625	-4.10466	0.0169759	0.539839	-1.8524	0.00404618	0.441567	-2.26466	0.00144699	0.377303	-2.65039	0.000306926	0.289065	-3.45943
cg04049284	NOTCH4	0.000290936	0.535861	0.889467	-1.12427	0.921595	0.981774	-1.01856	5.92E-05	0.249413	-4.00941	0.000132065	0.289672	-3.45217	0.00603029	0.511561	-1.9548
cg02642841	NOTCH4	0.000325582	0.0323873	0.6341	-1.57704	0.0392959	1.5429	1.5429	2.94E-05	0.225569	-4.43324	0.286839	0.817808	-1.22278	0.000467783	0.367791	-2.71894

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25069420	0.00389307	0.137056	-7.2963	0.0114447	0.198314	-5.0425	0.861912	1.0931	1.0931	0.0317736	0.27613	-3.62148	5.63168	23.3164	3.68019	1
cg03429512	0.0335245	0.549121	-1.82109	0.0980268	0.645289	-1.54969	0.909672	0.972979	-1.02777	0.00476846	0.404782	-2.47046	4.4771	4.13087	0.820147	1
cg02397205	0.00116112	0.414342	-2.41347	6.22E-08	0.0336319	-29.7337	0.000208104	0.317757	-3.14706	7.03E-06	0.159495	-6.26979	58.7789	31.7535	0.480195	1
cg04529785	4.47E-06	0.12598	-7.93776	?	?	?	3.37E-05	0.287305	-3.48063	0.000489021	1.8808	1.8808	338.044	13.0659	0.0257676	1
cg11854928	0.7971	0.949728	-1.05293	2.78E-05	0.191617	-5.21874	2.37E-05	0.184812	-5.41091	5.72E-05	0.224282	-4.45868	28.2378	17.9247	0.564247	1
cg13316625	0.000515996	0.247686	-4.03737	0.000114598	0.174963	-5.71549	0.0190602	0.481467	-2.07699	0.000135917	0.182506	-5.47928	25.259	26.539	0.933931	1
cg17445802	0.00183271	0.306996	-3.25737	1.19E-06	0.0351082	-28.4834	0.0958399	0.613871	-1.62901	0.00620819	0.386024	-2.59051	23.1108	26.0499	1.00193	1
cg02595280	0.00968383	0.429874	-2.32626	0.000160529	0.189585	-5.27468	0.00279543	0.345506	-2.8943	0.00198845	0.324233	-3.0842	22.9217	24.1525	0.936616	1
cg22827685	0.162043	0.743626	-1.34476	0.369199	0.832783	-1.20079	0.00223713	0.427713	-2.33802	0.000940139	0.37567	-2.66191	13.2815	8.28066	0.554198	1
cg02962597	0.0709634	0.49506	-2.01996	3.83E-05	0.0637858	-15.6775	0.0325745	0.418203	-2.39118	0.0095508	0.318573	-3.139	10.1198	19.4675	1.70996	1
cg20840426	0.0159786	0.350309	-2.85462	0.000100734	0.0861759	-11.6042	0.00543643	0.27236	-3.67161	0.00592992	0.278114	-3.59565	9.36158	18.7475	1.78009	1
cg13713537	0.0792569	0.524382	-1.90701	0.000485872	0.16335	-6.12184	0.257997	0.676328	-1.47857	0.00220726	0.241351	-4.14334	9.3161	16.1973	1.54545	1
cg17119907	0.435257	0.626856	-1.59526	0.00323337	0.0947273	-10.5566	0.0133873	6.03239	6.03239	0.0662183	0.298536	-3.34968	7.88073	42.9623	4.84583	1
cg21006686	0.0160642	0.332668	-3.006	0.00372089	0.231376	-4.32196	0.113961	0.526066	-1.9009	0.00550263	0.255838	-3.90872	6.6152	14.6187	1.96432	1
cg07254987	0.610985	1.10692	1.10692	0.175829	1.32979	1.32979	0.0421069	0.628945	-1.58996	0.000279365	0.308215	-3.24449	6.10008	3.78829	0.55202	1
cg17132902	0.174087	0.445459	-2.24488	0.00867743	0.153997	-6.49363	0.015861	5.2193	5.2193	0.19579	2.14921	2.14921	5.11162	25.3208	4.40318	1
cg10914558	0.416211	0.680364	-1.4698	0.00135421	0.115717	-8.6418	0.0766257	2.49128	2.49128	0.0999878	0.433707	-2.3057	4.54903	15.4766	3.02416	1
cg22341854	0.271176	0.815929	-1.2256	0.0126972	1.73327	1.73327	0.137539	0.752764	-1.32844	0.418272	0.863398	-1.15821	3.45154	1.72384	0.443946	1
cg02482624	0.0537623	0.697755	-1.43317	0.00232866	2.01104	2.01104	0.113935	0.753818	-1.32658	0.0301212	0.657646	-1.52058	7.84201	3.35398	0.380172	1
cg17096191	0.32582	1.1266	1.1266	7.39E-05	0.428951	-2.33127	0.17736	0.844971	-1.18347	0.172697	0.843231	-1.18592	7.75151	1.69491	0.19436	1
cg21415215	0.573285	0.789766	-1.2662	0.246119	0.60469	-1.65374	0.0221504	0.320605	-3.11911	0.00174496	0.157101	-6.36531	7.14309	19.4575	2.4213	1
cg08848462	0.468277	0.872565	-1.14605	0.538361	0.891295	-1.12196	0.00161824	2.30428	2.30428	0.927353	1.01699	1.01699	4.83346	2.61211	0.480376	1
cg13400077	0.0453048	0.702881	-1.42272	0.0175264	0.641544	-1.55874	0.108988	1.30783	1.30783	0.39734	0.875409	-1.14232	4.31267	1.61016	0.331873	1
cg21692434	0.117805	0.605494	-1.65154	0.141183	0.626607	-1.5959	0.251819	0.702139	-1.42422	0.155969	0.638671	-1.56575	4.1947	5.79674	1.22837	1
cg21998383	0.836059	0.976385	-1.02419	0.781205	0.968398	-1.03263	0.10782	1.22431	1.22431	0.0530325	1.2886	1.2886	3.62827	0.764341	0.187255	1
cg13688312	0.214579	0.600954	-1.66402	0.000356424	0.10712	-9.33537	0.143067	0.541488	-1.84676	0.0115447	0.291957	-3.42516	10.2045	24.5516	2.13863	1
cg11687863	0.585195	1.10466	1.10466	0.00212173	2.1815	2.1815	0.114923	1.36286	1.36286	0.238903	1.24951	1.24951	4.57409	2.36272	0.459151	1
cg26813162	0.0174255	0.428715	-2.33255	0.0257287	0.460685	-2.17068	0.837014	0.94151	-1.06212	0.239758	0.697552	-1.43358	4.52381	6.13377	1.20523	1
cg03391436	0.039285	0.594776	-1.68131	0.25895	1.29252	1.29252	0.806732	1.05485	1.05485	0.571916	0.882993	-1.13251	4.15904	3.12644	0.668198	1
cg02858267	0.00755996	1.69045	1.69045	0.0031361	1.85336	1.85336	0.426919	0.88344	-1.13194	0.799339	0.961831	-1.03968	3.94619	1.45879	0.328596	1
cg04915463	0.114629	0.876909	-1.14037	8.14E-06	0.474196	-2.10883	0.0217396	0.809872	-1.23476	0.00959993	1.28531	1.28531	16.3241	1.51507	0.0824996	1
cg07831322	0.00208754	0.560039	-1.78559	0.00558158	1.62779	1.62779	0.0665495	0.759269	-1.31706	0.211295	0.838377	-1.19278	12.4753	3.54039	0.25226	1
cg02976568	0.806682	1.03183	1.03183	0.0126926	1.48561	1.48561	0.00171932	1.77132	1.77132	0.0900153	1.26971	1.26971	6.51666	1.68545	0.2299	1
cg04961189	0.464332	0.829437	-1.20564	0.420282	0.813219	-1.22968	0.0257479	0.514266	-1.94452	0.911197	0.972374	-1.02841	5.35944	5.35195	0.887645	1
cg26712188	0.388082	1.21381	1.21381	0.162176	1.38666	1.38666	0.509405	0.863643	-1.15789	0.132239	0.700583	-1.42738	5.02491	3.81821	0.675428	1
cg26853415	0.00478183	0.222732	-4.4897	0.519847	0.769811	-1.29902	4.72E-05	0.0461492	-21.6688	0.00469199	0.221574	-4.51316	14.7082	37.4574	2.26374	1
cg07704981	0.975412	1.0117	1.0117	0.149572	0.558162	-1.79159	0.0799143	0.480304	-2.08201	0.0195002	0.344552	-2.90232	14.3567	32.3843	2.00505	1
cg07150830	0.120813	0.67091	-1.49051	0.853918	1.0447	1.0447	0.000330837	0.252861	-3.95475	0.171505	0.70797	-1.41249	8.84973	7.88809	0.7923	1
cg20498962	0.0628176	1.68029	1.68029	0.00113751	3.27608	3.27608	0.00506535	2.50613	2.50613	0.807425	0.941252	-1.06241	8.8126	8.57883	0.865309	1
cg21901847	0.461376	1.1839	1.1839	0.420527	0.830886	-1.20353	0.40919	1.20928	1.20928	0.142826	0.701481	-1.42555	7.69053	6.1729	0.713477	1
cg05337454	0.0557559	1.23057	1.23057	0.00403197	1.44739	1.44739	0.62662	1.04805	1.04805	0.0665849	0.821261	-1.21764	7.28099	1.05672	0.129008	1
cg10501602	0.0240076	3.32942	3.32942	0.000655621	10.3079	10.3079	0.0251955	3.28464	3.28464	0.13251	2.06513	2.06513	6.38162	20.1726	2.80983	1
cg24032393	0.0362521	1.78857	1.78857	0.0392132	0.565663	-1.76784	0.20985	0.729365	-1.37106	0.925184	1.02268	1.02268	5.08821	4.59514	0.802753	1
cg03469471	0.990304	1.00311	1.00311	0.0312804	1.90741	1.90741	0.0756791	0.603318	-1.6575	0.193534	0.703555	-1.42135	3.68727	3.8143	0.919512	1
cg00700487	0.102517	2.44266	2.44266	0.0135384	4.60697	4.60697	0.0866824	2.57507	2.57507	0.135195	2.23663	2.23663	3.63091	14.3688	3.51766	1
cg13224213	0.00386256	0.638383	-1.56646	0.779271	0.968122	-1.03293	0.347217	1.11807	1.11807	0.0156452	0.710575	-1.40731	15.4095	3.24468	0.187168	1
cg12547085	0.0763974	0.698303	-1.43204	0.0861272	1.41261	1.41261	0.291158	1.22084	1.22084	0.0743085	0.696104	-1.43657	6.78147	3.5641	0.467168	1
cg17690263	0.222228	1.28983	1.28983	0.000953086	2.65612	2.65612	0.392725	1.18971	1.18971	0.189451	1.31755	1.31755	3.8719	2.41377	0.55414	1
cg16028175	0.00643096	2.04102	2.04102	0.862703	1.03546	1.03546	0.0517611	1.5614	1.5614	0.00219013	2.37444	2.37444	10.5615	6.77776	0.570437	1
cg04355077	0.447577	1.18759	1.18759	0.000136053	4.3348	4.3348	0.00221498	2.59193	2.59193	0.00788651	2.13197	2.13197	7.79424	6.09032	0.694566	1
cg12149986	0.00353076	2.37137	2.37137	0.00947235	2.04978	2.04978	0.741888	0.930387	-1.07482	0.717666	0.923788	-1.0825	4.67138	3.52617	0.670973	1
cg06468619	0.00154995	0.357335	-2.79849	0.00682632	0.452776	-2.2086	0.006998	0.454478	-2.20033	0.910343	1.0258	1.0258	10.1271	8.1999	0.719731	1
cg20626642	0.000359525	0.153713	-6.50564	0.00037439	0.155472	-6.43201	0.018389	0.39224	-2.54946	0.394075	0.751559	-1.33057	10.1037	17.1289	1.50694	1
cg08430074	0.00547185	0.174984	-5.71482	0.00107512	0.0998096	-10.0191	0.0740817	0.386846	-2.58501	0.028914	0.292588	-3.41778	5.11378	18.4375	3.20485	1
cg16960758	0.274085	0.86153	-1.16073	9.38E-05	0.401718	-2.48931	0.0014368	1.82854	1.82854	0.0119905	0.66334	-1.50752	44.2365	12.0164	0.241458	1
cg25694915	0.221276	0.773332	-1.29311	0.00339091	0.450953	-2.21753	0.0147177	1.82256	1.82256	0.618748	0.904571	-1.1055	11.3434	7.18058	0.562684	1
cg13089661	0.150234	0.666642	-1.50006	0.0711789	0.588647	-1.69881	0.293057	0.750666	-1.33215	0.00338843	0.350803	-2.8506	5.8773	6.43519	0.973264	1
cg09479286	0.370043	1.35451	1.35451	0.153413	0.604174	-1.65515	0.926022	1.03109	1.03109	0.0222647	0.405309	-2.46725	6.3804	10.9803	1.52973	1
cg16829154	0.982662	0.997561	-1.00245	1.62E-05	0.368308	-2.71512	0.794711	1.02974	1.02974	0.925682	0.989569	-1.01054	12.7519	2.55099	0.17782	1
cg13415390	0.131293	1.3964	1.3964	0.00309631	0.436251	-2.29226	0.00049715	3.05515	3.05515	0.0207457	1.76936	1.76936	11.8787	7.90211	0.59132	1
cg14217861	0.81995	1.09872	1.09872	0.00948479	0.257365	-3.88553	0.000553926	9.14575	9.14575	0.852063	1.08014	1.08014	8.71631	23.5405	2.40066	1
cg14364472	0.595099	0.808041	-1.23756	0.0221095	2.97545	2.97545	0.0624361	2.30087	2.30087	0.363441	1.44938	1.44938	8.65428	21.6418	2.22285	1
cg14473974	0.107159	0.892915	-1.11993	0.000769471	0.720353	-1.38821	0.0508195	0.866496	-1.15407	0.454863	1.05025	1.05025	7.61029	0.499953	0.0583949	1
cg14479303	0.00157023	0.313805	-3.18669	0.867236	0.958202	-1.04362	0.938839	1.01978	1.01978	0.212376	0.715195	-1.39822	6.98874	7.20837	0.916823	1
cg13861904	0.861431	0.892932	-1.11991	0.00434518	0.0845739	-11.824	0.00431777	11.8575	11.8575	0.546685	1.48492	1.48492	6.78135	45.122	5.91453	1
cg13798431	0.944211	0.971635	-1.02919	0.590263	1.25046	1.25046	0.0655452	2.33923	2.33923	0.790404	0.896255	-1.11575	5.92149	15.8554	2.38009	1
cg14410964	0.658433	1.11978	1.11978	0.00638651	0.405575	-2.46563	0.0101071	2.28237	2.28237	0.90124	0.968924	-1.03207	5.79129	5.93081	0.910304	1
cg07220821	0.0171531	0.509284	-1.96354	0.187749	1.38304	1.38304	0.12729	1.46677	1.46677	0.452952	0.837273	-1.19435	5.70218	4.87328	0.759675	1
cg14178775	0.00427131	0.423162	-2.36316	0.0268967	1.80337	1.80337	0.656323	1.10601	1.10601	0.939871	1.01712	1.01712	5.6302	4.51296	0.712501	1
cg13537499	0.739943	0.929825	-1.07547	0.415613	0.833817	-1.1993	0.067956	1.56288	1.56288	0.262893	0.774951	-1.2904	5.30983	4.01214	0.671651	1
cg02407308	0.28158	1.19494	1.19494	0.0566232	1.40975	1.40975	0.00134538	2.09872	2.09872	?	?	?	5.20428	1.85573	0.356577	1
cg13669985	0.18987	0.715514	-1.3976	0.151661	1.44822	1.44822	0.0425943	1.75566	1.75566	0.549516	1.15719	1.15719	5.06593	4.6634	0.818259	1
cg12566821	0.467515	1.06828	1.06828	0.00150698	1.50463	1.50463	0.308389	0.9101	-1.09878	0.483117	0.938301	-1.06576	4.94911	0.625779	0.112393	1
cg00184461	0.994334	1.00118	1.00118	0.973657	0.994528	-1.0055	0.000775626	2.32842	2.32842	0.0611962	1.4198	1.4198	4.92145	2.15196	0.388676	1
cg09073701	0.106039	1.56305	1.56305	0.21436	0.718386	-1.39201	0.00334565	2.74636	2.74636	0.280245	1.32842	1.32842	4.87153	4.93913	0.901224	1
cg05784201	0.0299202	3.05586	3.05586	0.231833	0.577887	-1.73044	0.0231945	3.27661	3.27661	0.482781	1.36606	1.36606	4.80187	14.5433	2.69215	1
cg00102615	0.231034	0.819559	-1.22017	0.656561	1.07346	1.07346	0.499278	1.11475	1.11475	0.00690059	1.74001	1.74001	4.78834	1.90243	0.35316	1
cg13463847	0.144576	1.52531	1.52531	0.0592935	1.77469	1.77469	0.00144017	3.45927	3.45927	0.0264402	2.03203	2.03203	4.65667	5.35311	1.02183	1
cg14114284	0.195447	0.572121	-1.74788	0.380797	1.44285	1.44285	0.913829	1.04513	1.04513	0.717178	1.15992	1.15992	4.34068	11.4339	2.34145	1
cg14494733	0.083068	0.322574	-3.10007	0.00349788	0.0967276	-10.3383	0.0249525	0.207398	-4.82164	0.175388	0.427568	-2.33881	4.13567	22.7702	4.89404	1
cg19687075	0.991627	0.996647	-1.00336	0.0632113	0.512344	-1.95181	0.138038	1.6672	1.6672	0.626461	0.854709	-1.16999	3.93844	6.39029	1.44226	1
cg14120703	0.199104	1.51971	1.51971	0.00379126	3.33555	3.33555	0.201518	1.51594	1.51594	0.37718	0.756154	-1.32248	3.80624	5.7354	1.33942	1
cg03348937	0.0733816	0.409456	-2.44227	0.10875	0.457314	-2.18668	0.273744	0.600854	-1.6643	0.494396	1.36391	1.36391	3.79749	12.0312	2.81617	1
cg12076931	0.976808	1.00991	1.00991	0.115263	0.559548	-1.78716	0.0539407	2.0999	2.0999	0.582397	1.20721	1.20721	3.71587	6.7664	1.61862	1
cg06592006	0.148792	1.59178	1.59178	0.481438	0.806692	-1.23963	0.0158148	2.42909	2.42909	0.71656	1.11567	1.11567	3.66722	5.23423	1.26871	1
cg10835306	0.770518	1.04164	1.04164	0.0157222	1.5111	1.5111	0.891595	1.0192	1.0192	0.692843	1.05693	1.05693	3.53894	1.09017	0.273823	1
cg20042228	0.350199	0.875211	-1.14258	0.281695	0.856347	-1.16775	0.0391827	1.39208	1.39208	0.0462715	1.37229	1.37229	3.40859	1.03726	0.270496	1
cg05824755	0.00440435	0.540363	-1.85061	0.00128082	0.467556	-2.13878	0.0135193	0.609612	-1.64039	0.0451275	0.689227	-1.4509	8.25365	3.42676	0.369049	1
cg02671382	0.959356	0.986988	-1.01318	0.000283556	0.217802	-4.59132	0.0893718	1.61832	1.61832	0.668709	0.895266	-1.11699	7.01081	7.33401	0.929867	1
cg02725935	0.0782548	0.460483	-2.17163	0.935219	0.968289	-1.03275	0.406033	0.713934	-1.40069	0.78569	1.11409	1.11409	4.85737	10.7452	2.21215	1
cg07518362	0.0838313	0.785349	-1.27332	0.0341313	0.731805	-1.36648	0.0803883	0.78275	-1.27755	0.133447	1.22683	1.22683	4.72568	1.19377	0.224545	1
cg15451735	0.57203	0.867269	-1.15304	4.00E-08	0.00786058	-127.217	0.994104	1.00184	1.00184	0.485188	1.1935	1.1935	49.4505	48.7123	0.875621	1
cg05759316	0.0698	0.710022	-1.40841	0.00373367	0.516123	-1.93752	0.329076	0.84356	-1.18545	0.0108525	0.58259	-1.71647	7.12598	3.21937	0.401582	1
cg14210236	0.00210327	0.36232	-2.75999	0.00240418	0.370671	-2.69781	0.958867	0.987968	-1.01218	0.210827	1.36267	1.36267	5.71325	4.98463	0.775526	1
cg01011482	0.167923	0.708875	-1.41069	0.00805172	0.45169	-2.21391	0.0446269	0.582857	-1.71569	0.0770094	0.631052	-1.58465	4.09184	3.55233	0.771689	1
cg02963198	0.281812	0.878023	-1.13892	0.0788063	0.796912	-1.25484	0.00548592	0.653979	-1.5291	0.607776	0.941568	-1.06206	3.6051	0.772306	0.190423	1
cg08529654	0.63535	1.09193	1.09193	0.000561602	0.373571	-2.67687	0.0181472	1.69583	1.69583	0.587393	1.10613	1.10613	17.5064	9.3973	0.47715	1
cg02904605	0.0686919	1.44177	1.44177	0.733223	1.06336	1.06336	0.496587	0.883428	-1.13195	0.0886335	0.713723	-1.4011	16.929	8.64435	0.453888	1
cg01483459	0.00300982	0.408354	-2.44885	3.41E-05	0.170927	-5.85046	0.0407705	0.594508	-1.68206	0.000617346	0.313318	-3.19165	15.0905	11.5866	0.682498	1
cg08013143	0.439421	1.14586	1.14586	0.0406397	1.504	1.504	0.372651	0.853826	-1.1712	0.218392	0.799692	-1.25048	14.8494	7.011	0.41968	1
cg01643250	0.402609	0.714427	-1.39972	0.832185	1.08687	1.08687	0.920802	0.96171	-1.03981	0.00314924	0.205086	-4.87599	14.5998	35.6378	2.16977	1
cg11358549	2.00E-05	0.149256	-6.6999	0.245908	0.765319	-1.30665	0.00401093	0.426512	-2.3446	0.0356041	0.583273	-1.71446	11.7295	9.02363	0.683833	1
cg14696996	0.37742	1.1462	1.1462	0.00308838	1.8406	1.8406	0.973881	0.99508	-1.00494	0.465386	0.894105	-1.11844	10.0784	3.62321	0.319559	1
cg09265397	0.728101	0.944695	-1.05854	0.00304052	0.515871	-1.93847	0.00744904	0.570205	-1.75376	0.0130067	1.6526	1.6526	9.39332	3.95316	0.374087	1
cg01814364	0.151444	0.753713	-1.32676	0.17733	1.3018	1.3018	0.0391183	0.644556	-1.55146	0.804109	1.04678	1.04678	8.30769	4.45245	0.476394	1
cg03773731	0.175723	1.18776	1.18776	5.69E-05	2.44269	2.44269	0.369204	1.11652	1.11652	0.986296	0.99795	-1.00205	8.2347	1.86272	0.20107	1
cg18875435	0.361833	0.585929	-1.70669	0.000681581	0.0518114	-19.3008	0.377803	0.596852	-1.67546	0.0629035	0.303213	-3.29801	7.51633	38.7181	4.57884	1
cg02584678	0.149203	1.54804	1.54804	0.0187451	2.23614	2.23614	0.0019372	3.45255	3.45255	0.122637	1.6042	1.6042	6.48079	8.1932	1.12376	1
cg02294312	0.604939	1.12162	1.12162	0.247163	1.3049	1.3049	0.272342	1.28568	1.28568	0.53534	0.871044	-1.14805	6.05812	4.64105	0.680966	1
cg17075538	0.0122595	0.521794	-1.91647	0.403822	0.836852	-1.19495	0.000781281	0.346684	-2.88447	0.373766	1.20969	1.20969	5.88355	4.05071	0.611983	1
cg27191554	0.331979	0.86061	-1.16197	0.0274869	1.47857	1.47857	0.0743793	1.34739	1.34739	0.929154	0.986751	-1.01343	4.86719	1.73404	0.316685	1
cg22311879	0.0336281	0.60982	-1.63983	0.213237	1.29854	1.29854	0.322338	0.815663	-1.226	0.134396	0.724908	-1.37949	4.75224	2.98966	0.559205	1
cg17498321	0.462037	0.933235	-1.07154	0.0236996	0.77941	-1.28302	0.268187	0.89903	-1.11231	0.0268018	1.27392	1.27392	4.53997	0.612416	0.119906	1
cg13673837	0.0220465	0.396944	-2.51924	0.765556	1.10586	1.10586	0.251083	0.667974	-1.49707	0.191551	0.627981	-1.5924	4.31424	7.73632	1.59396	1
cg22809798	0.0024037	0.168585	-5.93174	0.760859	1.13715	1.13715	0.652412	0.826222	-1.21033	0.0328989	0.349742	-2.85925	3.94659	11.0797	2.49547	1
cg18718410	0.051597	0.391237	-2.556	0.522188	0.759764	-1.3162	0.00455772	0.20184	-4.95441	0.169531	0.538029	-1.85863	3.913	11.1188	2.52579	1
cg15205568	0.962424	1.01136	1.01136	0.311737	1.2853	1.2853	0.00913185	0.451918	-2.21279	0.149713	0.69044	-1.44835	3.88271	3.53725	0.809801	1
cg25535708	0.0332914	0.620723	-1.61102	0.0913488	1.42817	1.42817	0.356267	0.833706	-1.19946	0.811237	1.04693	1.04693	3.45099	2.00809	0.517234	1
cg03665287	0.507862	0.88962	-1.12407	0.00796919	0.553111	-1.80796	0.399102	0.860451	-1.16218	0.209505	1.25896	1.25896	3.39936	1.63196	0.426737	1
cg11868595	0.0142942	0.773879	-1.29219	1.01E-07	0.231287	-4.32363	7.83E-07	0.324473	-3.08192	0.00945859	0.756512	-1.32186	60.719	6.92353	0.101356	1
cg18607901	0.0985086	0.804725	-1.24266	0.000115457	0.444559	-2.24942	0.381368	0.897933	-1.11367	0.796544	1.03147	1.03147	55.5793	12.6566	0.202419	1
cg15318627	0.0699579	0.717688	-1.39336	1.92E-05	0.241385	-4.14276	2.06E-05	0.244756	-4.0857	0.0110214	0.593303	-1.68548	44.5794	18.923	0.377315	1
cg14570531	1.42E-06	0.404004	-2.47522	7.07E-06	2.08197	2.08197	0.0773437	0.865043	-1.15601	0.0280276	1.2112	1.2112	40.1393	3.46532	0.0767399	1
cg07024453	0.308182	1.11736	1.11736	0.000766927	1.70931	1.70931	0.00536728	0.679962	-1.47067	0.00164756	0.622497	-1.60643	30.5379	5.35311	0.155817	1
cg02592454	0.0150685	0.597052	-1.6749	0.000142982	0.322429	-3.10146	0.00143762	0.451338	-2.21563	0.00758494	0.552723	-1.80923	29.8925	14.1117	0.419628	1
cg26009230	0.000153891	0.145785	-6.85942	1.37E-05	0.0674388	-14.8283	0.00012054	0.136065	-7.34944	0.0054145	0.337352	-2.96427	23.7646	33.1688	1.24064	1
cg08130490	0.597488	1.08439	1.08439	2.58E-06	0.177936	-5.61999	0.0675044	0.732372	-1.36543	0.842142	0.970137	-1.03078	23.7083	8.68067	0.325462	1
cg03626364	2.77E-05	0.288197	-3.46985	0.0384864	0.69682	-1.43509	0.0113752	1.61179	1.61179	0.000388644	0.426435	-2.34503	22.4397	8.06703	0.319554	1
cg17982494	0.235424	0.851302	-1.17467	2.20E-06	0.222998	-4.48434	0.00029537	0.466198	-2.14501	0.0674792	0.767025	-1.30374	20.7595	5.51078	0.235962	1
cg01136185	2.36E-05	0.245988	-4.06523	0.769648	0.95239	-1.04999	0.00134476	0.461225	-2.16814	0.100823	0.741892	-1.34791	20.481	8.95174	0.388512	1
cg24761212	0.000777483	0.360619	-2.77301	0.212484	0.768431	-1.30135	0.895031	1.02683	1.02683	0.00218359	0.422249	-2.36827	19.9177	12.6923	0.566432	1
cg15183440	0.919118	1.01508	1.01508	0.00379572	1.77754	1.77754	0.180947	0.811185	-1.23276	0.881506	1.02222	1.02222	19.211	6.60345	0.30554	1
cg24349745	0.225924	0.767438	-1.30304	3.41E-06	0.102539	-9.75241	0.00730346	0.486711	-2.05461	0.00564067	0.469459	-2.13011	18.1989	12.4891	0.610007	1
cg11251925	0.859243	0.978538	-1.02193	0.0493218	1.3155	1.3155	0.00316453	1.63696	1.63696	0.013528	0.688268	-1.45292	18.1041	4.28353	0.210316	1
cg00697559	8.50E-05	0.242995	-4.11532	2.00E-05	0.177359	-5.63829	0.000421479	0.32647	-3.06307	0.00916402	0.515338	-1.94047	17.8674	11.3558	0.56494	1
cg01175636	0.00414422	0.44312	-2.25672	3.07E-05	0.178306	-5.60833	0.139751	0.714277	-1.40002	0.000671031	0.332278	-3.00953	17.4587	12.3987	0.631268	1
cg04049284	0.477754	1.14437	1.14437	0.00224469	2.22401	2.22401	0.017838	0.583882	-1.71268	0.0341697	0.630151	-1.58692	16.5888	9.17142	0.491438	1
cg02642841	0.639943	1.08945	1.08945	0.000542611	0.376143	-2.65856	0.00320335	0.481089	-2.07862	0.140543	0.749532	-1.33417	16.0854	8.42504	0.465572	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07516450	NOTCH4	0.000421481	0.000744799	0.563613	-1.77427	0.491929	0.924795	-1.08132	0.881205	0.98339	-1.01689	0.394054	1.10272	1.10272	0.164715	0.847023	-1.18061
cg16062253	NOTCH4	0.000468361	0.59466	0.932423	-1.07247	0.00101251	0.529758	-1.88765	0.102209	0.792138	-1.26241	0.000145323	0.426503	-2.34465	0.0770734	0.774055	-1.2919
cg08291049	NOTCH4	0.00058809	0.85207	0.975258	-1.02537	0.0490968	1.35185	1.35185	0.00488519	0.606136	-1.64979	0.00737481	1.58945	1.58945	0.000297651	0.453762	-2.2038
cg25370836	NOTCH4	0.000663395	0.000346183	0.116956	-8.55023	0.0115424	0.308014	-3.24661	0.0151396	0.328726	-3.04204	0.0263464	0.374583	-2.66964	0.00100832	0.162163	-6.16664
cg11949420	NOTCH4	0.000692277	0.313131	0.831786	-1.20223	0.00585588	0.528966	-1.89048	0.000160175	0.320297	-3.1221	0.984318	1.00348	1.00348	2.61E-05	0.230104	-4.34586
cg16809040	NOTCH4	0.000896529	0.435193	0.783431	-1.27644	0.00559686	0.327834	-3.05033	0.0333165	0.466481	-2.14371	0.668189	0.876174	-1.14133	0.00252031	0.276418	-3.61771
cg25384949	NOTCH4	0.00102701	0.00724144	1.95442	1.95442	0.404906	0.848057	-1.17917	3.54E-05	0.213508	-4.68366	0.223352	0.780809	-1.28072	0.347554	0.829405	-1.20568
cg21597802	NOTCH4	0.00105914	0.262388	0.735354	-1.35989	0.336659	1.29769	1.29769	0.000527434	0.24158	-4.13942	0.258091	0.733135	-1.36401	0.101431	0.623907	-1.6028
cg11981868	NOTCH4	0.00112657	0.000338523	0.104998	-9.52396	0.0180929	0.326199	-3.06561	0.0521387	0.422309	-2.36793	0.659193	0.840977	-1.18909	0.000622429	0.128199	-7.8004
cg16072814	NOTCH4	0.00113038	0.835196	1.0457	1.0457	0.340709	1.23445	1.23445	0.00116171	0.359408	-2.78235	0.00173891	0.383682	-2.60633	0.0865918	0.666266	-1.5009
cg02127411	NOTCH4	0.00143657	0.0732384	0.659472	-1.51637	0.0207824	0.559895	-1.78605	0.532507	0.876555	-1.14083	0.0600675	1.55588	1.55588	0.744855	1.07042	1.07042
cg19448144	NOTCH4	0.00196192	0.0823347	0.61535	-1.62509	0.232993	1.37099	1.37099	0.00932297	0.435126	-2.29818	0.00129158	0.306332	-3.26444	0.000959671	0.289112	-3.45887
cg13089044	NOTCH4	0.0020502	0.000619954	0.150776	-6.63234	0.00583004	0.273413	-3.65746	0.00339472	0.239184	-4.18089	0.000758637	0.15987	-6.25507	0.00214556	0.212582	-4.70407
cg16599983	NOTCH4	0.00229802	0.00103126	0.247125	-4.04654	0.156658	0.646907	-1.54582	0.0105926	0.396856	-2.5198	0.866366	0.952734	-1.04961	0.000212343	0.168745	-5.92611
cg27322595	NOTCH4	0.00235838	0.0172412	0.387701	-2.57931	0.213555	0.651986	-1.53378	0.00122886	0.213585	-4.68197	0.00222139	0.2467	-4.0535	0.000584118	0.17621	-5.67504
cg20794512	NOTCH4	0.00251028	0.178477	0.819768	-1.21986	0.0090914	1.58533	1.58533	0.0114403	0.644067	-1.55263	0.0579427	0.742306	-1.34715	0.0466978	0.728607	-1.37248
cg11671335	NOTCH4	0.0026077	0.462409	0.859101	-1.16401	0.072005	1.50336	1.50336	0.0571346	0.646018	-1.54795	0.412451	0.843566	-1.18544	0.000113512	0.252625	-3.95843
cg05996538	NOTCH4	0.00272353	0.165497	0.726051	-1.37731	0.0755121	0.651664	-1.53453	0.269169	0.779533	-1.28282	0.0880309	0.665348	-1.50297	0.00101994	0.348471	-2.86968
cg21265210	NOTCH4	0.00336079	0.039156	0.614614	-1.62704	0.854557	0.963271	-1.03813	8.35E-05	0.23602	-4.23693	0.146366	0.727636	-1.37431	0.154247	0.732704	-1.36481
cg10158182	NOTCH4	0.00342754	0.428713	0.871449	-1.14751	0.0725894	0.710937	-1.40659	0.000335267	0.373401	-2.67809	0.772709	0.951873	-1.05056	0.00052053	0.397888	-2.51327
cg25317746	NOTCH4	0.00387468	0.0205289	1.8229	1.8229	0.0269457	1.75708	1.75708	0.00322416	0.421198	-2.37418	0.0828697	0.661553	-1.51159	0.182815	0.737764	-1.35545
cg19256906	NOTCH4	0.0040304	0.0897314	0.438783	-2.27903	0.00532868	0.198545	-5.03665	0.0197029	0.28925	-3.45722	0.0237056	0.304485	-3.28424	0.0014064	0.130484	-7.66379
cg18192906	NOTCH4	0.00440527	0.0365177	0.369549	-2.706	0.023025	0.328388	-3.04518	0.00564092	0.22583	-4.4281	0.46569	0.737787	-1.3554	0.00632631	0.233097	-4.29005
cg11842752	NOTCH4	0.0044117	0.671703	1.13436	1.13436	0.73161	0.903194	-1.10718	0.000291431	0.174344	-5.73578	0.515352	1.2154	1.2154	0.0167588	0.421731	-2.37118
cg21072248	NOTCH4	0.00452058	0.0202569	0.388483	-2.57412	0.456732	1.29176	1.29176	0.00100238	0.192093	-5.2058	0.601597	1.19474	1.19474	0.00389831	0.269125	-3.71575
cg21993547	NOTCH4	0.00457942	0.00512452	0.0935533	-10.6891	0.0187257	0.161157	-6.20512	0.0186736	0.160975	-6.21215	0.0220396	0.172142	-5.80915	0.00312953	0.0751348	-13.3094
cg13096809	NOTCH4	0.00484736	0.0502825	0.315919	-3.16537	0.0782849	0.364217	-2.74562	0.0103715	0.188819	-5.29609	0.0511324	0.317621	-3.1484	0.00509794	0.147901	-6.76127
cg16602097	NOTCH4	0.00486767	0.366732	0.724401	-1.38045	0.701095	0.874502	-1.14351	0.000646096	0.162061	-6.1705	0.00128012	0.195392	-5.11791	0.113548	0.549526	-1.81975
cg15919612	NOTCH4	0.00558179	0.0870545	0.351934	-2.84144	0.00157027	0.0812689	-12.3048	0.0465301	0.28367	-3.52522	0.0396149	0.268427	-3.7254	0.0044509	0.122819	-8.14208
cg26457116	NOTCH4	0.00560447	0.456441	0.829808	-1.2051	0.0802644	0.620458	-1.61171	0.609854	0.881095	-1.13495	0.435712	0.822336	-1.21605	6.07E-05	0.161803	-6.18034
cg18244508	NOTCH4	0.00586342	0.00461138	0.176257	-5.67352	0.00427574	0.172085	-5.81107	0.020789	0.277668	-3.60142	0.0507433	0.358846	-2.78671	0.00249616	0.14451	-6.91994
cg20027331	NOTCH4	0.00594467	0.156355	1.49486	1.49486	0.0525618	0.557443	-1.79391	0.0342084	0.519357	-1.92546	0.108474	0.628608	-1.59082	0.720123	1.10009	1.10009
cg01873637	NOTCH4	0.00600373	0.210801	0.619789	-1.61345	0.0290859	2.54262	2.54262	0.744181	0.887985	-1.12615	0.00639011	0.27597	-3.62359	0.0226873	0.371688	-2.69043
cg09198277	NOTCH4	0.00921156	0.0148361	0.437747	-2.28443	0.989089	0.996238	-1.00378	0.00422294	0.347909	-2.87431	0.0134072	0.429979	-2.32569	0.0116665	0.419475	-2.38393
cg16574906	NOTCH4	0.00979514	0.235356	1.3972	1.3972	0.287345	0.742971	-1.34595	0.000259099	0.198614	-5.03489	0.870698	0.957136	-1.04478	0.275438	0.737025	-1.35681
cg20044211	NOTCH4	0.00984762	0.431307	1.30748	1.30748	0.953107	1.01982	1.01982	0.0101911	0.339108	-2.94892	0.00654906	0.307586	-3.25112	0.0118132	0.350146	-2.85595
cg07010337	NOTCH4	0.00989513	0.03226	0.234278	-4.26843	0.0043675	0.110406	-9.05751	0.0149065	0.176762	-5.65734	0.0801321	0.325089	-3.07608	0.0236616	0.209403	-4.77548
cg13882824	NOTCH4	0.0104556	0.722083	1.09143	1.09143	0.956679	0.98678	-1.0134	0.00278213	0.364149	-2.74613	0.347273	1.26755	1.26755	0.352706	0.791145	-1.26399
cg20671150	NOTCH4	0.0107455	0.271028	0.704762	-1.41892	0.724073	1.1143	1.1143	0.011587	0.381462	-2.6215	0.265348	0.70158	-1.42535	0.158187	0.630873	-1.58511
cg18416871	NOTCH4	0.0112156	0.965555	1.00669	1.00669	0.457358	0.889701	-1.12397	0.01471	0.628974	-1.58989	0.94769	1.01018	1.01018	0.000650475	0.446047	-2.24191
cg24697648	NOTCH4	0.0115063	0.0157572	0.268661	-3.72216	0.0103196	0.237991	-4.20184	0.0189876	0.283187	-3.53124	0.0352181	0.336361	-2.97299	0.00836998	0.223907	-4.46614
cg07155553	NOTCH4	0.0124991	0.62072	0.859235	-1.16383	0.41205	0.77484	-1.29059	0.00576157	0.332697	-3.00574	0.228699	1.46849	1.46849	0.0043121	0.313264	-3.19219
cg07637554	NOTCH4	0.0134147	0.390343	1.38378	1.38378	0.0731593	0.478332	-2.0906	0.0112437	0.309748	-3.22843	0.0021822	0.204674	-4.88582	0.0131929	0.321783	-3.10768
cg15031299	NOTCH4	0.0134448	0.513236	0.780273	-1.2816	0.212308	0.611655	-1.63491	0.0108924	0.302371	-3.3072	0.281654	1.51995	1.51995	0.188832	1.68361	1.68361
cg16642360	NOTCH4	0.0165989	0.546939	0.893908	-1.11868	0.0690157	1.45406	1.45406	0.00578317	0.51414	-1.945	0.160177	0.758754	-1.31795	0.0102282	0.551205	-1.81421
cg09018483	NOTCH4	0.0204315	0.109946	0.646622	-1.5465	0.0585473	0.585811	-1.70703	0.0279146	0.522017	-1.91565	0.0475295	0.567135	-1.76325	0.00807696	0.427879	-2.33711
cg01251971	NOTCH4	0.0205958	0.13893	0.530615	-1.8846	0.104762	0.493918	-2.02463	0.00466891	0.223901	-4.46627	0.256357	0.624145	-1.60219	0.0209982	0.33131	-3.01832
cg02662596	NOTCH4	0.0210616	0.145179	0.705828	-1.41678	0.498011	1.16556	1.16556	0.0231812	0.546368	-1.83027	0.76836	0.936346	-1.06798	0.799071	0.94478	-1.05845
cg20988651	NOTCH4	0.0212346	0.285471	0.812037	-1.23147	0.969297	0.992802	-1.00725	0.000546637	0.364954	-2.74007	0.765248	0.945348	-1.05781	0.126906	0.733552	-1.36323
cg03145486	NOTCH4	0.0218193	0.849868	1.0419	1.0419	0.123882	0.697036	-1.43465	0.00109846	0.352569	-2.83632	0.112734	1.45344	1.45344	0.420677	0.836793	-1.19504
cg22155039	NOTCH4	0.023432	0.877027	0.936245	-1.0681	0.760779	0.878172	-1.13873	0.00633122	0.220396	-4.53729	0.00280456	0.173446	-5.76547	0.129292	0.497929	-2.00832
cg12106346	NOTCH4	0.0256329	0.166425	1.48745	1.48745	0.477493	0.823363	-1.21453	0.935568	1.022	1.022	0.238761	0.717463	-1.3938	0.148059	0.658647	-1.51826
cg09441030	NOTCH4	0.0316878	0.0246826	0.230611	-4.33631	0.374511	1.64858	1.64858	0.0428412	0.278475	-3.59098	0.689998	1.24593	1.24593	0.00386452	0.118292	-8.45365
cg27054610	NOTCH4	0.0321258	0.578652	0.823355	-1.21454	0.294534	0.686139	-1.45743	0.00128278	0.19663	-5.0857	0.265448	0.668927	-1.49493	0.0130615	0.344111	-2.90604
cg01108614	NOTCH4	0.0343246	0.716481	1.08903	1.08903	0.0147643	2.01704	2.01704	0.0681932	1.61213	1.61213	0.0736945	0.627353	-1.594	0.660084	1.10904	1.10904
cg21800193	NOTCH4	0.0374661	0.118625	0.368744	-2.71191	0.182279	0.434458	-2.30172	0.0410727	0.249526	-4.0076	0.0983315	0.343806	-2.90862	0.34943	0.567081	-1.76342
cg20241876	NOTCH4	0.0382614	0.425634	1.19033	1.19033	0.0384783	1.67115	1.67115	0.0402549	0.601997	-1.66114	0.532175	0.87327	-1.14512	0.545861	0.8773	-1.13986
cg04864990	NOTCH4	0.0401094	0.102847	0.804924	-1.24235	0.273713	1.14855	1.14855	0.591575	1.06808	1.06808	0.0917184	0.79789	-1.2533	0.0175079	0.703544	-1.42138
cg21462693	NOTCH4	0.0418771	0.0466902	0.462892	-2.16033	0.63106	0.849048	-1.17779	0.00510544	0.286092	-3.49537	0.627689	0.847655	-1.17973	0.0144434	0.360792	-2.77168
cg06849931	NOTCH4	0.0423295	0.28752	0.803572	-1.24444	0.0825971	0.68337	-1.46334	0.617292	0.905049	-1.10491	0.332586	1.21889	1.21889	0.0339718	1.63261	1.63261
cg12172531	NOTCH4	0.0433979	0.10119	0.303438	-3.29557	0.0765414	0.270085	-3.70254	0.0769561	0.270691	-3.69425	0.11616	0.321591	-3.10954	0.0154972	0.139045	-7.19191
cg27366984	NOTCH4	0.0471924	0.0980322	0.224515	-4.45405	0.00564505	0.0503082	-19.8775	0.0200649	0.0993575	-10.0647	0.402265	0.493827	-2.025	0.0359753	0.134256	-7.44848
cg18674460	NOTCH4	0.047748	0.197418	0.729393	-1.371	0.0913674	0.650143	-1.53812	0.00747491	0.450433	-2.22008	0.190551	0.725417	-1.37852	0.536676	0.865119	-1.15591
cg21156577	NOTCH4;GPSM3	1.84E-08	0.0557751	0.759515	-1.31663	0.0155557	1.45731	1.45731	0.00397738	1.63473	1.63473	0.0681462	1.29597	1.29597	0.0411094	1.34868	1.34868
cg14700707	NOTCH4;NOTCH4	0.00147667	0.0269133	0.554092	-1.80475	0.0048325	0.43079	-2.32131	0.000447497	0.287201	-3.48188	0.000533176	0.29682	-3.36904	0.00513025	0.434771	-2.30006
cg06884718	NOTCH4;NOTCH4	0.00451931	0.0335152	0.506881	-1.97285	0.00254902	0.31814	-3.14327	0.00171314	0.293848	-3.40311	0.00336635	0.335817	-2.97782	0.00413639	0.349279	-2.86304
cg02884775	NOTO	2.13E-05	0.122072	0.895089	-1.11721	0.0031118	1.30665	1.30665	0.940824	0.995102	-1.00492	0.00052803	0.699704	-1.42918	0.000924952	0.720939	-1.38708
cg15005526	NOTO	4.31E-05	0.493719	1.22754	1.22754	0.733185	1.1062	1.1062	0.000533763	0.203923	-4.9038	0.00538714	0.339346	-2.94684	3.22E-05	0.0919913	-10.8706
cg05053562	NOTO	0.000339968	0.231966	0.760841	-1.31434	0.000346327	3.50788	3.50788	0.115897	0.688946	-1.45149	0.459284	1.17855	1.17855	0.214354	0.751995	-1.3298
cg19741359	NOTO	0.000683284	0.150603	1.69568	1.69568	0.001488	4.8093	4.8093	0.00937325	0.323271	-3.09338	0.243616	1.5192	1.5192	0.485393	1.27506	1.27506
cg06716325	NOTO	0.00125562	0.000627176	0.317298	-3.15162	0.000607725	0.315522	-3.16935	0.0118517	0.503635	-1.98557	0.0441818	0.603669	-1.65654	0.00372795	0.4252	-2.35184
cg25995397	NOTO	0.00253087	0.342868	0.793608	-1.26007	0.00862491	0.452811	-2.20842	0.00516181	0.41745	-2.39549	0.598889	0.882002	-1.13378	7.00E-05	0.17957	-5.56887
cg14998651	NOTO	0.00269561	0.421638	0.892201	-1.12082	0.0241663	1.45285	1.45285	0.000231662	2.33748	2.33748	0.00768818	1.60952	1.60952	0.0399571	1.39085	1.39085
cg08430329	NOTO	0.00420903	0.947678	1.0213	1.0213	0.011763	2.7473	2.7473	0.0735964	1.89767	1.89767	0.81132	0.926065	-1.07984	0.236161	0.671196	-1.48988
cg16236766	NOTO	0.0050694	0.295266	1.23889	1.23889	0.00408794	2.13923	2.13923	0.0833884	0.685063	-1.45972	0.132485	0.725868	-1.37766	0.115356	0.713304	-1.40193
cg05592147	NOTO	0.00667326	0.825921	1.09392	1.09392	0.170763	0.551881	-1.81199	0.00397977	0.206425	-4.84438	0.0654178	0.430512	-2.32281	0.000510595	0.109513	-9.13133
cg17383987	NOTO	0.0279563	0.674867	1.12564	1.12564	0.0264717	2.09196	2.09196	0.0783277	0.57773	-1.73091	0.328034	1.32741	1.32741	0.0399529	0.513708	-1.94663
cg23237183	NOTO;NOTO	0.00563696	0.827712	0.965664	-1.03556	0.0671598	1.38942	1.38942	0.0708833	1.38195	1.38195	0.342376	0.85486	-1.16978	0.55915	0.909658	-1.09931
cg23419606	NOTUM	2.12E-05	0.000598383	0.463143	-2.15916	0.0161808	1.53348	1.53348	0.435111	0.890717	-1.12269	0.136516	0.792054	-1.26254	1.57E-05	0.273521	-3.65602
cg23611925	NOTUM	3.75E-05	0.253384	1.19228	1.19228	0.803659	1.03741	1.03741	0.340274	0.865112	-1.15592	0.0179493	1.52806	1.52806	2.20E-06	0.181075	-5.52258
cg27524614	NOTUM	0.000130804	0.199916	0.83856	-1.19252	0.584156	0.930655	-1.07451	0.254057	0.856533	-1.1675	0.145471	1.22537	1.22537	0.00111183	0.535456	-1.86757
cg22219933	NOTUM	0.00166641	0.000847668	0.56752	-1.76205	0.505783	0.926585	-1.07923	0.804108	0.972324	-1.02846	0.259645	1.14202	1.14202	0.00505855	0.657962	-1.51984
cg06359302	NOTUM	0.00230398	0.0157084	0.60092	-1.66411	0.0370853	0.659419	-1.51649	0.0124397	0.585641	-1.70753	0.257281	1.22552	1.22552	0.00132124	0.447704	-2.23362
cg12132563	NOTUM	0.010473	0.187497	0.802472	-1.24615	0.84254	1.03183	1.03183	0.0110905	1.65156	1.65156	0.390106	1.14882	1.14882	0.0731701	1.36998	1.36998
cg27011024	NOTUM	0.0129045	0.00164868	0.420742	-2.37675	0.0420379	0.6375	-1.56863	0.0848917	0.693405	-1.44216	0.384424	0.842507	-1.18693	0.104178	0.710788	-1.40689
cg04460362	NOTUM	0.0164982	0.880985	0.981427	-1.01892	0.0541151	0.760686	-1.3146	0.668283	1.05542	1.05542	0.773655	1.03674	1.03674	0.000884007	0.536053	-1.86549
cg09744036	NOTUM	0.0206637	0.392187	1.23923	1.23923	0.140785	1.4735	1.4735	0.828823	0.948398	-1.05441	0.021191	1.96989	1.96989	0.0465929	0.572579	-1.74648
cg03654588	NOTUM	0.0323995	0.264568	0.735061	-1.36043	0.00219466	0.320854	-3.11668	0.0378276	0.528611	-1.89175	0.145435	0.661132	-1.51256	0.0280614	0.503193	-1.98731
cg13686412	NOTUM	0.0388538	0.450014	1.19586	1.19586	0.339975	0.795703	-1.25675	0.0167132	0.507211	-1.97157	0.240822	1.33022	1.33022	0.85193	0.957508	-1.04438
cg00002464	NOV	0.000348477	0.00672756	0.774455	-1.29123	0.0166886	1.23682	1.23682	0.0486577	1.17797	1.17797	0.0117212	0.795301	-1.25739	0.00101489	0.701482	-1.42555
cg08148618	NOV	0.0379147	0.335043	1.52836	1.52836	0.365936	0.672771	-1.48639	0.969045	1.0167	1.0167	0.783923	1.12444	1.12444	0.212336	0.570915	-1.75157
cg16866373	NOV;NOV	0.0177734	0.30273	0.80999	-1.23458	0.915864	1.02108	1.02108	0.716355	0.930505	-1.07469	0.662885	1.09044	1.09044	0.905651	1.02368	1.02368
cg20478129	NOVA1;NOVA1;NOVA1	0.00403708	0.479426	0.840049	-1.19041	0.00277212	0.367773	-2.71907	0.769746	0.931318	-1.07375	0.245269	0.744806	-1.34263	0.000181361	0.215361	-4.64338
cg04850842	NOVA1;NOVA1;NOVA1	0.0171655	0.00256276	0.262697	-3.80667	0.0437109	0.47662	-2.09811	0.537533	0.819114	-1.22083	0.296623	0.707607	-1.41321	0.0181129	0.399586	-2.50259
cg18468511	NOVA1;NOVA1;NOVA1	0.0180706	0.117732	0.81466	-1.22751	0.151855	0.830902	-1.20351	0.0184793	1.41167	1.41167	0.314282	0.881999	-1.13379	0.831649	0.97464	-1.02602
cg15035476	NOVA2	2.69E-05	0.000154265	0.406113	-2.46237	0.00864915	0.628025	-1.59229	0.100163	0.778546	-1.28445	0.531391	1.0921	1.0921	7.53E-07	0.156805	-6.37734
cg13445126	NOVA2	0.00896572	0.000926	0.40271	-2.48318	0.259359	1.24156	1.24156	0.35647	0.839963	-1.19053	0.0043058	0.495638	-2.0176	0.911057	1.02076	1.02076
cg20017253	NOVA2	0.0136665	0.139133	1.53103	1.53103	0.00166508	3.33168	3.33168	0.165431	1.48565	1.48565	0.497547	1.20235	1.20235	0.183024	1.45943	1.45943
cg21632975	NOVA2	0.0162633	0.811154	1.03757	1.03757	0.0342972	1.46296	1.46296	0.063602	1.37897	1.37897	0.188927	1.23918	1.23918	0.035077	0.68502	-1.45981
cg15232894	NOVA2	0.0177352	0.000338167	0.195927	-5.10395	0.923618	0.973303	-1.02743	0.477909	0.815791	-1.2258	0.905818	1.03396	1.03396	0.0248025	0.470517	-2.12532
cg12010396	NOVA2	0.0227651	0.864838	1.07662	1.07662	0.164545	1.9015	1.9015	0.467306	1.37785	1.37785	0.32956	1.54658	1.54658	0.0598688	0.398482	-2.50953
cg22008551	NOVA2	0.0351525	0.274594	0.668259	-1.49643	0.0289025	2.49287	2.49287	0.0617913	2.10828	2.10828	0.279283	1.49012	1.49012	0.0482408	0.449148	-2.22644
cg18980650	NOX1;NOX1	3.18E-06	0.719778	0.950554	-1.05202	0.676399	0.942626	-1.06087	5.06E-05	0.343258	-2.91326	0.000243265	0.425725	-2.34893	7.70E-08	0.0807676	-12.3812
cg12621141	NOX1;NOX1	0.00429897	0.18605	0.784306	-1.27501	0.00019757	0.338262	-2.95629	0.0366639	0.656577	-1.52305	0.954785	1.00987	1.00987	0.00122656	0.440693	-2.26915
cg26388009	NOX1;NOX1	0.0225737	0.970606	0.986804	-1.01337	0.00972187	0.30755	-3.25151	0.239569	0.641472	-1.55891	0.0739138	0.487662	-2.0506	0.00221233	0.213066	-4.69337
cg11594622	NOX1;NOX1;NOX1;NOX1	0.00142191	0.00364569	0.383609	-2.60682	0.0458977	0.572653	-1.74626	0.000252297	0.229907	-4.34958	0.996031	0.998789	-1.00121	0.0200704	0.504891	-1.98062
cg23846443	NOX3	0.0341505	0.534841	0.798918	-1.25169	0.015327	0.34538	-2.89536	0.00217002	0.215062	-4.64983	0.754025	1.11882	1.11882	0.0345511	0.41464	-2.41173
cg21704166	NOX3	0.0477035	0.562566	0.79847	-1.2524	0.254429	0.632881	-1.58008	0.0597967	0.441977	-2.26256	0.725939	1.14487	1.14487	0.00406787	0.227056	-4.40419
cg13466700	NOX3;NOX3	0.0200561	0.828875	0.95729	-1.04462	0.131088	1.3892	1.3892	0.00489546	0.471439	-2.12116	0.141762	1.37515	1.37515	0.402579	0.841359	-1.18855
cg15241582	NOX4	0.00512019	0.0334792	0.414121	-2.41475	0.0376933	0.425108	-2.35234	0.0115182	0.325813	-3.06925	0.00795727	0.298984	-3.34466	0.000691004	0.159144	-6.28361
cg08687753	NOX4	0.0106822	0.0123824	0.491794	-2.03337	0.603115	0.887304	-1.12701	0.0109898	0.483209	-2.0695	0.0132052	0.496464	-2.01424	0.00143863	0.349859	-2.8583
cg11742383	NOX4	0.0205454	0.606506	1.13126	1.13126	0.098476	0.650409	-1.53749	0.212334	0.732097	-1.36594	0.450005	1.20049	1.20049	0.0021647	0.359933	-2.77829
cg24309428	NOX4;NOX4;NOX4;NOX4	0.00529922	0.926967	0.98369	-1.01658	0.795915	1.04759	1.04759	0.000116249	3.3584	3.3584	0.37573	0.849541	-1.17711	0.143067	0.754045	-1.32618
cg19981409	NOX4;NOX4;NOX4;NOX4	0.0149103	0.0295091	0.226488	-4.41525	0.00591593	0.124168	-8.05362	0.0355013	0.242128	-4.13005	0.159009	0.418042	-2.39211	0.00692956	0.132044	-7.57323
cg03508346	NOX4;NOX4;NOX4;NOX4	0.0159636	0.137076	0.759819	-1.3161	0.00175358	0.465413	-2.14863	0.00536659	0.533207	-1.87545	0.736973	0.943824	-1.05952	0.258288	0.816842	-1.22423
cg03793270	NOX4;NOX4;NOX4;NOX4	0.0191191	0.701284	0.882319	-1.13338	0.00321686	0.270885	-3.6916	0.103901	1.7818	1.7818	0.895544	1.04359	1.04359	0.0241948	0.417702	-2.39405
cg24750308	NOX4;NOX4;NOX4;NOX4	0.0386338	0.0656313	0.332029	-3.01179	0.00410756	0.128163	-7.80258	0.029706	0.25523	-3.91803	0.329244	0.584301	-1.71145	0.0318809	0.261307	-3.82692
cg01436723	NOX4;NOX4;NOX4;NOX4	0.0390434	0.623761	1.12079	1.12079	0.0322738	0.560862	-1.78297	0.00454008	0.418111	-2.39171	0.0742619	0.632069	-1.5821	0.457149	0.839751	-1.19083
cg22661893	NOX4;NOX4;NOX4;NOX4;NOX4;NOX4	0.000624199	0.00583737	0.743977	-1.34413	0.000131102	1.72276	1.72276	0.714535	1.03056	1.03056	0.704546	0.969268	-1.03171	0.000665284	0.652537	-1.53248
cg12161228	NOX4;NOX4;NOX4;NOX4;NOX4;NOX4	0.000791431	0.253049	1.33519	1.33519	0.420038	1.22079	1.22079	1.40E-05	0.11144	-8.97344	0.0153089	2.05635	2.05635	0.336714	0.786743	-1.27106
cg13761364	NOXA1	0.014503	0.00206226	0.201117	-4.97224	0.169075	0.581897	-1.71852	0.212003	0.615165	-1.62558	0.909188	0.958708	-1.04307	0.079094	0.486503	-2.05548
cg13709882	NOXA1	0.0190293	0.0541175	0.638535	-1.56608	0.147696	0.727057	-1.37541	0.231938	0.773157	-1.2934	0.00414783	0.454464	-2.20039	0.017187	0.551111	-1.81452
cg02076964	NOXA1	0.0284925	0.122257	0.661647	-1.51138	0.221576	1.37279	1.37279	0.598971	0.877337	-1.13981	0.00611286	0.413765	-2.41683	0.00566158	0.408516	-2.44788
cg14066075	NOXA1	0.0324141	0.00274747	0.217416	-4.59948	0.0759579	0.48228	-2.07348	0.988154	0.994533	-1.0055	0.412369	1.36271	1.36271	0.721737	0.876302	-1.14116
cg03168296	NOXA1;EXD3	0.0352705	0.578236	0.928999	-1.07643	0.00142018	1.83209	1.83209	0.13026	1.239	1.239	0.274716	1.16071	1.16071	0.905143	1.01576	1.01576
cg00207428	NOXO1;NOXO1;NOXO1	0.000742806	1.85E-05	0.301475	-3.31703	0.154667	0.811074	-1.23293	0.0843405	0.769152	-1.30013	0.0119928	0.649984	-1.5385	0.545331	1.08778	1.08778
cg04599341	NOXO1;NOXO1;NOXO1	0.00659114	0.114317	1.76131	1.76131	0.00271029	3.9163	3.9163	0.12273	1.73524	1.73524	0.83764	0.934615	-1.06996	0.0456973	2.12763	2.12763
cg02156899	NOXO1;NOXO1;NOXO1	0.0404041	0.198994	1.8094	1.8094	0.00393914	5.44517	5.44517	0.444366	1.4059	1.4059	0.732113	0.860595	-1.16199	0.17738	1.87078	1.87078
cg01182620	NOXO1;NOXO1;NOXO1	0.0425535	0.229257	1.2919	1.2919	0.0329345	1.65931	1.65931	0.615033	0.902184	-1.10842	0.307363	1.23925	1.23925	0.910566	1.02307	1.02307
cg17361459	NPAS1	0.000143792	0.0392327	0.610377	-1.63833	0.374983	1.20735	1.20735	0.000441528	0.317196	-3.15262	0.501248	0.868269	-1.15172	1.75E-05	0.162202	-6.16515
cg03575467	NPAS1	0.000166387	0.000547164	0.675721	-1.4799	0.145089	0.892059	-1.121	0.0898355	1.14624	1.14624	0.00750034	0.777851	-1.28559	0.325851	0.928625	-1.07686
cg03022434	NPAS1	0.000851939	0.398667	1.17558	1.17558	0.0912752	1.41646	1.41646	0.267464	0.805531	-1.24142	0.321075	1.21156	1.21156	7.42E-05	0.259834	-3.84861
cg01472181	NPAS1	0.00216044	0.00315492	0.447706	-2.23361	0.0271289	0.593909	-1.68376	0.412718	1.18154	1.18154	0.0168002	0.559208	-1.78824	0.000522654	0.340546	-2.93646
cg01970519	NPAS1	0.0145213	0.0593083	0.683455	-1.46315	0.732659	1.06321	1.06321	0.00124827	2.32308	2.32308	0.280383	0.818249	-1.22212	0.0322088	0.638632	-1.56585
cg10165847	NPAS2	4.04E-05	1.09E-06	0.0984845	-10.1539	0.287268	1.22324	1.22324	0.0755709	1.4344	1.4344	0.0419441	0.652134	-1.53343	0.187891	1.28981	1.28981
cg22063369	NPAS2	0.00162903	0.00164811	0.476855	-2.09707	0.192786	1.25428	1.25428	0.240624	1.22376	1.22376	0.0300584	1.52104	1.52104	0.000103552	0.323465	-3.09152
cg25153196	NPAS2	0.00220762	0.252724	0.837787	-1.19362	0.340228	0.864489	-1.15675	0.549504	1.09387	1.09387	0.00906023	0.611777	-1.63458	4.04E-05	0.313074	-3.19413
cg26047938	NPAS2	0.00247369	0.139599	1.47762	1.47762	0.896939	0.968673	-1.03234	0.638026	0.890134	-1.12343	0.0065255	2.38233	2.38233	0.000504307	0.263041	-3.80168
cg02232089	NPAS2	0.00613909	0.0403118	1.54461	1.54461	0.0133604	0.569813	-1.75496	0.00832126	0.538459	-1.85715	0.082653	1.42301	1.42301	0.256624	1.24274	1.24274
cg25080229	NPAS2	0.00770395	0.593827	1.1979	1.1979	0.00205393	4.29228	4.29228	0.0330402	2.30745	2.30745	0.796414	0.916928	-1.0906	0.00345814	0.26404	-3.7873
cg21609584	NPAS2	0.00921276	0.0333269	0.382865	-2.61189	0.393991	1.40078	1.40078	0.837392	0.923741	-1.08255	0.360352	0.695594	-1.43762	0.00016998	0.0847534	-11.7989
cg21247693	NPAS2	0.0102355	0.420955	0.873552	-1.14475	0.000269767	2.67349	2.67349	0.347498	1.1724	1.1724	0.671168	0.932189	-1.07274	0.18964	0.795768	-1.25665

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07516450	0.00078252	0.566112	-1.76644	1.57E-05	0.36806	-2.71695	0.176519	0.851348	-1.17461	0.295504	1.1292	1.1292	14.9824	2.97706	0.176626	1
cg16062253	0.310755	0.872284	-1.14642	0.00626719	1.59046	1.59046	0.000453758	0.486789	-2.05428	0.00107819	0.533136	-1.87569	14.5518	3.91196	0.23896	1
cg08291049	0.000448578	2.10199	2.10199	0.0356914	1.38828	1.38828	0.123944	1.25056	1.25056	0.568261	0.925519	-1.08047	13.66	3.89657	0.253559	1
cg25370836	0.296549	1.49703	1.49703	0.000123647	0.0824386	-12.1302	0.024949	0.369843	-2.70385	0.00106062	0.164556	-6.07695	13.2081	29.072	1.95651	1
cg11949420	0.349843	0.843759	-1.18517	0.493549	0.884486	-1.1306	0.240299	0.804897	-1.2424	0.637166	0.919548	-1.08749	13.0514	6.44205	0.438745	1
cg16809040	0.00941502	0.364557	-2.74306	6.52E-05	0.105646	-9.46558	0.000390279	0.176731	-5.65831	0.00626881	0.335612	-2.97963	12.136	18.0634	1.32304	1
cg25384949	0.0670059	1.48743	1.48743	0.621078	0.908133	-1.10116	0.0137355	0.554772	-1.80254	0.151683	0.743008	-1.34588	11.6779	6.91726	0.526522	1
cg21597802	0.510175	0.838848	-1.19211	0.0857571	0.606813	-1.64795	2.49E-05	0.110427	-9.05572	0.162793	0.675749	-1.47984	11.5762	12.6868	0.974164	1
cg11981868	0.0119744	0.294237	-3.39862	0.0001213	0.0728357	-13.7295	0.0309581	0.372137	-2.68718	0.063791	0.44348	-2.2549	11.3747	27.4317	2.14368	1
cg16072814	0.246134	1.29718	1.29718	0.000634844	0.324388	-3.08273	0.000409413	0.29998	-3.33355	0.993077	0.998141	-1.00186	11.3638	8.28234	0.647854	1
cg02127411	0.243367	1.28969	1.28969	0.502173	0.867674	-1.15251	2.93E-05	0.181379	-5.51331	0.51197	1.14868	1.14868	10.6106	7.29857	0.611425	1
cg19448144	0.559702	0.861726	-1.16046	0.412192	0.809331	-1.23559	0.000827782	0.280739	-3.56203	0.00246051	0.345541	-2.89401	9.69603	9.77571	0.896193	1
cg13089044	0.0151535	0.342428	-2.92032	0.0258262	0.386519	-2.5872	0.109256	0.534054	-1.87247	0.00391	0.247819	-4.03521	9.57248	19.5591	1.81624	1
cg16599983	0.0112867	0.401589	-2.49011	0.0161641	0.429152	-2.33018	0.00304924	0.311372	-3.2116	0.0353557	0.49437	-2.02278	9.25833	12.1194	1.16357	1
cg27322595	0.00653969	0.315439	-3.17019	0.00127097	0.215388	-4.64279	0.0593183	0.498955	-2.00419	0.0261254	0.422355	-2.36768	9.18819	15.5195	1.50139	1
cg20794512	0.0652983	1.33331	1.33331	0.000894797	1.99651	1.99651	0.121015	0.791565	-1.26332	0.064836	0.749555	-1.33413	9.02114	2.76137	0.272088	1
cg11671335	0.0887736	0.6831	-1.46391	0.0143489	0.541821	-1.84563	0.0171252	0.554384	-1.8038	0.00591566	0.481454	-2.07704	8.9205	5.82277	0.580213	1
cg05996538	0.0286617	0.571968	-1.74835	0.00019571	0.25778	-3.87928	0.00116014	0.356067	-2.80846	0.403586	0.831118	-1.2032	8.80679	6.53356	0.659446	1
cg21265210	0.361329	0.825836	-1.21089	0.170012	1.34722	1.34722	0.00450467	0.462042	-2.1643	0.266626	0.789757	-1.26621	8.27358	5.44941	0.585468	1
cg10158182	0.514777	1.11907	1.11907	0.87096	1.02807	1.02807	0.0174423	0.610857	-1.63704	0.036807	0.661617	-1.51145	8.22512	3.77855	0.408348	1
cg25317746	0.515914	1.15225	1.15225	0.0764241	1.52815	1.52815	0.00174887	0.382968	-2.61118	0.373597	0.821601	-1.21714	7.92813	5.8118	0.65161	1
cg19256906	0.0189626	0.286179	-3.49431	0.000392355	0.0831037	-12.0332	0.0175154	0.279904	-3.57266	0.0328116	0.333009	-3.00292	7.83459	24.0637	2.73019	1
cg18192906	0.0150465	0.294046	-3.40083	0.00719313	0.241444	-4.14174	0.000274542	0.0870824	-11.4834	0.0937785	0.470085	-2.12728	7.62677	20.2666	2.36204	1
cg11842752	0.25295	1.4235	1.4235	0.407158	0.778209	-1.285	0.00311577	0.302494	-3.30586	0.0265884	0.45966	-2.17552	7.6234	10.5595	1.23124	1
cg21072248	0.234049	0.656151	-1.52404	0.00113911	0.19863	-5.03448	0.124113	0.569813	-1.75496	0.0376622	0.442912	-2.25778	7.56724	13.673	1.60611	1
cg21993547	0.0313837	0.198383	-5.04075	0.000978166	0.043211	-23.1423	0.00356833	0.0797117	-12.5452	0.0114341	0.131623	-7.59746	7.53758	49.0051	5.77906	1
cg13096809	0.0073507	0.167967	-5.95354	0.000799426	0.0732372	-13.6543	0.00123972	0.0873923	-11.4426	0.0690827	0.349832	-2.85851	7.40832	31.2826	3.75345	1
cg16602097	0.120918	0.55723	-1.79459	0.580301	0.823499	-1.21433	0.00126053	0.194595	-5.13888	0.0573207	0.473491	-2.11197	7.39888	14.1666	1.70196	1
cg15919612	0.675205	0.792229	-1.26226	0.000759693	0.0595807	-16.784	0.141401	0.41727	-2.39653	0.00777055	0.151208	-6.61342	7.09531	34.3244	4.30011	1
cg26457116	0.534694	0.856707	-1.16726	0.372334	1.25268	1.25268	0.813796	0.943616	-1.05975	0.797546	0.938727	-1.06527	7.08647	6.79055	0.85177	1
cg18244508	0.0239861	0.289423	-3.45515	0.00239	0.14244	-7.02051	0.0108651	0.229353	-4.36009	0.0223052	0.283399	-3.52859	6.98862	23.4641	2.98442	1
cg20027331	0.0359199	0.523559	-1.91001	0.00151747	0.297906	-3.35677	0.00139227	0.292823	-3.41503	0.327208	1.30758	1.30758	6.95903	7.74852	0.989732	1
cg01873637	0.0806099	0.495079	-2.01988	0.000559799	0.143499	-6.96867	0.0672428	0.475165	-2.10453	0.157457	0.577839	-1.73059	6.93783	14.4638	1.85313	1
cg09198277	0.00375327	0.34015	-2.93988	0.493803	1.2111	1.2111	0.0155971	0.441622	-2.26438	0.626665	0.873619	-1.14466	6.06744	7.30021	1.06949	1
cg16574906	0.0653467	0.573302	-1.74428	0.435954	0.807554	-1.23831	0.0950969	0.61065	-1.6376	0.0143979	0.444316	-2.25065	5.94985	6.81532	1.01819	1
cg20044211	0.332425	0.716227	-1.39621	0.00199424	0.232972	-4.29236	0.0163424	0.375364	-2.66408	0.0846652	0.529113	-1.88996	5.9397	10.4815	1.56857	1
cg07010337	0.0773635	0.320979	-3.11547	0.00622596	0.126956	-7.87676	0.00152478	0.0712723	-14.0307	0.0381504	0.248871	-4.01815	5.93057	31.4629	4.71573	1
cg13882824	0.552383	1.15865	1.15865	0.0891244	1.58295	1.58295	0.00151402	0.326516	-3.06264	0.0703809	0.609289	-1.64126	5.82685	5.53836	0.844879	1
cg20671150	0.00239521	0.274748	-3.6397	0.647445	1.15095	1.15095	0.000915546	0.220245	-4.54041	0.238423	0.685895	-1.45795	5.77587	8.52829	1.31248	1
cg18416871	0.15632	1.26384	1.26384	0.0532192	1.40375	1.40375	0.265766	0.836047	-1.1961	0.360856	0.864981	-1.15609	5.69675	2.15131	0.335678	1
cg24697648	0.745838	0.86548	-1.15543	0.00889848	0.227955	-4.38684	0.00307018	0.165193	-6.05351	0.0549363	0.380274	-2.62969	5.64986	17.6566	2.7779	1
cg07155553	0.029806	0.459475	-2.1764	0.00424499	0.312234	-3.20272	0.053632	0.513473	-1.94752	0.984696	1.00585	1.00585	5.50017	8.05852	1.30235	1
cg07637554	0.900478	1.04725	1.04725	0.015019	0.331812	-3.01375	0.178473	0.590054	-1.69476	0.0363239	0.407354	-2.45487	5.37467	11.5924	1.91721	1
cg15031299	0.478697	0.763766	-1.3093	0.10871	1.92449	1.92449	0.00095506	0.158527	-6.30809	0.611738	0.825683	-1.21112	5.37073	11.9102	1.97122	1
cg16642360	0.856381	0.967218	-1.03389	0.124491	1.35801	1.35801	0.0153074	0.578234	-1.7294	0.302355	0.821533	-1.21724	5.00928	2.68563	0.476561	1
cg09018483	0.088329	0.62466	-1.60087	0.00388264	0.377903	-2.64618	0.00584091	0.405308	-2.46726	0.144784	0.675768	-1.4798	4.67053	4.63177	0.881512	1
cg01251971	0.0382052	0.38453	-2.60058	0.11349	0.503989	-1.98417	0.0017124	0.168438	-5.93691	0.0849667	0.468678	-2.13366	4.6578	11.6771	2.22845	1
cg02662596	0.611218	1.12094	1.12094	0.265159	1.29512	1.29512	0.000727682	0.318496	-3.13976	0.936144	0.982314	-1.018	4.62241	3.63063	0.69817	1
cg20988651	0.332442	1.20642	1.20642	0.165709	1.31977	1.31977	0.175199	0.762929	-1.31074	0.400455	0.850838	-1.17531	4.6095	2.57157	0.495897	1
cg03145486	0.441173	1.18544	1.18544	0.371068	1.22009	1.22009	0.141104	0.709769	-1.40891	0.0701469	0.645006	-1.55037	4.56684	3.39295	0.660404	1
cg22155039	0.588997	0.792895	-1.2612	0.410786	1.43022	1.43022	0.0130211	0.269614	-3.70901	0.219237	0.577143	-1.73267	4.45615	12.7738	2.54804	1
cg12106346	0.00532248	0.372258	-2.68631	0.00229021	0.317478	-3.14982	0.264908	0.731484	-1.36708	0.215908	0.704354	-1.41974	4.31946	4.95415	1.0195	1
cg09441030	0.491006	0.681365	-1.46764	0.380511	0.610581	-1.63778	0.0192086	0.211469	-4.72882	0.116671	0.392629	-2.54693	4.00791	19.0929	4.23451	1
cg27054610	0.949734	1.02208	1.02208	0.973712	0.988648	-1.01148	0.0587047	0.477187	-2.09561	0.114245	0.551431	-1.81346	3.98827	7.58253	1.68996	1
cg01108614	0.0842557	0.639759	-1.56309	0.10712	0.662783	-1.50879	0.750925	0.928236	-1.07731	0.0405863	1.73839	1.73839	3.89447	3.37297	0.769862	1
cg21800193	0.161891	0.414954	-2.4099	0.0106528	0.150925	-6.6258	0.00256406	0.0851904	-11.7384	0.0548858	0.277436	-3.60444	3.77259	20.7223	4.88254	1
cg20241876	0.753178	1.06989	1.06989	0.0461363	1.63128	1.63128	0.052648	0.623874	-1.60289	0.0373501	0.596024	-1.67779	3.74373	2.71951	0.645703	1
cg04864990	0.420006	1.10538	1.10538	0.0119405	1.4644	1.4644	0.30941	0.879932	-1.13645	0.989005	0.998326	-1.00168	3.67943	0.86166	0.208162	1
cg21462693	0.94914	0.978657	-1.02181	0.314583	1.42149	1.42149	0.101905	0.545796	-1.83219	0.0778659	0.515481	-1.93994	3.62126	6.55965	1.61016	1
cg06849931	0.300279	0.808506	-1.23685	0.00513912	0.48099	-2.07905	0.486527	0.869347	-1.15029	0.12855	0.722302	-1.38446	3.60685	2.24025	0.552097	1
cg12172531	0.041227	0.209159	-4.78105	0.00575442	0.0902931	-11.075	0.0323947	0.189317	-5.28214	0.0887069	0.287178	-3.48216	3.57358	24.9863	6.21508	1
cg27366984	0.165683	0.296153	-3.37663	0.0218889	0.10395	-9.62004	0.0652619	0.182062	-5.49263	0.262865	0.38258	-2.61383	3.46308	37.1582	9.5376	1
cg18674460	0.474958	1.18324	1.18324	0.0320652	1.78884	1.78884	0.124095	0.680005	-1.47058	0.454811	0.838361	-1.1928	3.44782	2.9286	0.755028	1
cg21156577	0.100239	0.795667	-1.25681	1.46E-10	0.0066874	-149.535	0.25283	0.859333	-1.16369	0.335541	0.881574	-1.13434	201.688	51.4618	0.226804	1
cg14700707	0.0018819	0.370503	-2.69903	0.0126165	0.497222	-2.01118	0.00143197	0.353879	-2.82583	0.103644	0.669672	-1.49327	10.527	8.46257	0.714572	1
cg06884718	0.0105782	0.414912	-2.41015	0.0195005	0.461903	-2.16496	0.00735559	0.388647	-2.57303	0.0339306	0.507946	-1.96871	7.56788	8.97067	1.05365	1
cg02884775	0.582383	0.963935	-1.03741	3.28E-06	0.483203	-2.06952	0.000105057	1.57336	1.57336	0.00297724	1.30936	1.30936	33.3043	2.30724	0.06158	1
cg15005526	0.00378272	0.315858	-3.16598	2.34E-06	0.033686	-29.6859	0.0917969	0.578368	-1.729	0.00021583	0.161814	-6.17993	27.6805	38.1445	1.22491	1
cg05053562	0.142129	0.708868	-1.4107	0.000676358	0.322048	-3.10513	0.000337525	3.52495	3.52495	0.0017277	2.65032	2.65032	15.8957	11.968	0.669254	1
cg19741359	0.036863	0.435603	-2.29567	0.000122872	0.100583	-9.94209	0.00864401	3.15032	3.15032	0.244358	1.51811	1.51811	13.0993	24.3754	1.65406	1
cg06716325	0.000286477	0.274507	-3.6429	0.00874991	0.482331	-2.07326	0.00778302	0.474256	-2.10857	0.00682721	0.465312	-2.1491	11.0281	8.32495	0.671007	1
cg25995397	0.897317	0.969919	-1.03101	0.147403	0.692293	-1.44447	0.0114775	0.473254	-2.11303	0.0204076	0.516288	-1.9369	8.99947	7.97609	0.787809	1
cg14998651	0.334376	1.14837	1.14837	0.540727	0.917549	-1.08986	0.000901085	1.99428	1.99428	0.191112	1.21208	1.21208	8.83364	2.70123	0.271813	1
cg08430329	0.632929	1.16712	1.16712	0.0248092	2.35864	2.35864	0.000105756	9.01425	9.01425	0.22679	1.50317	1.50317	7.73268	12.6332	1.45221	1
cg16236766	0.692545	0.924564	-1.08159	0.00290454	0.445848	-2.24292	0.00968204	1.90792	1.90792	0.127248	1.38471	1.38471	7.30777	4.50808	0.548346	1
cg05592147	0.00370485	0.202276	-4.94373	0.0408517	0.382132	-2.6169	0.127046	0.510419	-1.95917	0.0386179	0.376728	-2.65443	6.71429	17.6606	2.33805	1
cg17383987	0.864041	0.953058	-1.04925	0.0037662	0.333899	-2.99491	0.503415	0.826547	-1.20985	0.846205	0.94698	-1.05599	4.19009	5.22273	1.10795	1
cg23237183	0.772796	1.0475	1.0475	0.0100052	0.593762	-1.68418	0.000286955	2.58311	2.58311	0.528898	1.10768	1.10768	7.07389	2.87894	0.361762	1
cg23419606	0.302137	0.856111	-1.16807	2.41E-06	0.189281	-5.28314	2.20E-05	0.289794	-3.45072	0.163071	0.805436	-1.24156	33.3561	11.1579	0.297342	1
cg23611925	0.542884	1.09505	1.09505	9.78E-06	0.246078	-4.06374	0.23629	0.8328	-1.20077	0.972742	0.994975	-1.00505	28.7235	9.88837	0.30601	1
cg27524614	0.977287	1.00371	1.00371	1.53E-06	0.205757	-4.86011	0.0484215	0.74587	-1.34072	0.205157	0.840453	-1.18983	20.6024	5.51651	0.238009	1
cg22219933	0.000126623	0.470734	-2.12434	0.0355981	0.758622	-1.31818	0.0619677	0.788709	-1.26789	0.0088916	0.686622	-1.45641	10.1663	2.05354	0.179551	1
cg06359302	0.0708867	0.706712	-1.415	0.0295203	1.55403	1.55403	0.00578623	0.536917	-1.86249	0.00161273	0.459422	-2.17665	9.2513	4.33546	0.416562	1
cg12132563	0.00110455	2.13316	2.13316	0.0285287	0.665573	-1.50246	0.536963	1.1035	1.1035	0.677416	0.936221	-1.06812	5.82375	2.28907	0.349385	1
cg27011024	0.464936	0.866827	-1.15363	0.0296851	1.6353	1.6353	0.122496	1.37934	1.37934	0.363999	1.19634	1.19634	5.44323	3.1835	0.51987	1
cg04460362	0.125093	1.23089	1.23089	0.037735	1.35196	1.35196	0.97346	1.00417	1.00417	0.861734	1.02205	1.02205	5.01947	1.24478	0.220436	1
cg09744036	0.345638	1.26827	1.26827	0.00265157	0.361539	-2.76595	0.674954	1.10871	1.10871	0.370183	0.79838	-1.25254	4.65258	4.41159	0.842848	1
cg03654588	0.31639	1.31546	1.31546	0.360507	0.779708	-1.28253	0.446134	0.814185	-1.22822	0.0416868	0.537127	-1.86176	3.97617	4.41244	0.98642	1
cg13686412	0.00427787	0.411445	-2.43046	0.413297	1.21453	1.21453	0.209148	1.3602	1.3602	0.633991	1.11791	1.11791	3.72271	3.1838	0.760211	1
cg00002464	0.0479676	0.848368	-1.17873	0.00600817	0.770189	-1.29838	0.00027711	0.64867	-1.54162	0.00240454	1.36008	1.36008	15.7881	1.32284	0.0744775	1
cg08148618	0.892429	1.05943	1.05943	0.000789123	0.114801	-8.71071	0.50596	1.33371	1.33371	0.391417	0.687509	-1.45453	3.75622	10.8311	2.56311	1
cg16866373	0.250154	0.78882	-1.26772	0.000215305	0.295451	-3.38466	0.461273	0.862383	-1.15958	0.996499	1.00087	1.00087	4.89593	3.02136	0.548549	1
cg20478129	0.0257037	0.526082	-1.90084	?	?	?	0.548958	1.15837	1.15837	0.074253	0.617422	-1.61964	8.00148	6.62013	0.827364	1
cg04850842	0.0502582	0.490007	-2.04079	0.00602269	0.317619	-3.14843	0.643536	0.86162	-1.1606	0.0100513	0.354031	-2.82461	4.9534	8.014	1.43811	1
cg18468511	0.0800464	0.791096	-1.26407	0.0184584	0.70832	-1.41179	0.899558	1.01535	1.01535	0.00896328	1.4934	1.4934	4.86871	1.12261	0.204957	1
cg15035476	0.00658166	0.612388	-1.63295	3.06E-05	0.322448	-3.10127	0.798078	1.03627	1.03627	0.0338642	0.708745	-1.41094	31.337	9.58491	0.27188	1
cg13445126	0.127597	0.738644	-1.35383	0.412676	0.857265	-1.1665	0.00454303	0.499016	-2.00394	0.202493	0.780813	-1.28072	6.11978	3.27718	0.476006	1
cg20017253	0.0288851	0.501885	-1.99249	0.0438756	1.85846	1.85846	0.0261731	2.02565	2.02565	0.326128	0.762408	-1.31163	5.34201	6.05731	1.00791	1
cg21632975	0.753592	1.04972	1.04972	0.103402	1.3158	1.3158	0.00122263	2.07285	2.07285	0.149033	1.26925	1.26925	5.04352	1.89626	0.334203	1
cg15232894	0.629328	1.1471	1.1471	0.515553	0.830241	-1.20447	0.748889	1.09486	1.09486	0.961671	0.986531	-1.01365	4.89947	6.17835	1.12091	1
cg12010396	0.697554	1.18441	1.18441	0.764248	1.13922	1.13922	0.000572218	10.0855	10.0855	0.296339	1.59879	1.59879	4.50074	13.3867	2.64385	1
cg22008551	0.204513	0.622041	-1.60761	0.0232581	0.382237	-2.61618	0.238165	1.54977	1.54977	0.993844	0.997268	-1.00274	3.86105	7.68843	1.77003	1
cg18980650	0.000227351	2.36912	2.36912	0.227263	0.836584	-1.19534	0.755669	1.04492	1.04492	0.00403195	0.580586	-1.7224	54.5507	17.1186	0.278943	1
cg12621141	0.166283	0.774307	-1.29148	0.753301	1.05616	1.05616	0.595291	0.911282	-1.09736	0.0283804	0.638659	-1.56578	7.68339	3.65425	0.422759	1
cg26388009	0.900813	1.04598	1.04598	0.0104802	0.313034	-3.19454	0.171057	0.591288	-1.69122	0.071672	0.484295	-2.06486	4.51384	9.2918	1.82979	1
cg11594622	0.0195816	1.98816	1.98816	0.0140746	2.09267	2.09267	0.510694	1.1765	1.1765	0.0533481	0.585833	-1.70697	10.642	10.004	0.835601	1
cg23846443	0.0836485	0.504673	-1.98148	0.137094	0.564408	-1.77177	0.532432	0.797833	-1.2534	0.0913789	0.51477	-1.94261	3.90162	7.88324	1.796	1
cg21704166	0.0214429	0.34565	-2.8931	0.0576985	0.438221	-2.28195	0.284629	0.652283	-1.53308	0.046379	0.415959	-2.40408	3.44903	8.07282	2.08054	1
cg13466700	0.636585	1.10073	1.10073	0.0375423	0.614715	-1.62677	0.109307	1.42204	1.42204	0.0192967	0.565147	-1.76945	4.70008	3.02689	0.572452	1
cg15241582	0.138053	0.567411	-1.76239	0.00110299	0.181424	-5.51196	0.144496	0.57337	-1.74408	0.0128097	0.333851	-2.99535	7.28553	14.53	1.77277	1
cg08687753	0.322125	0.792038	-1.26257	0.0298363	0.558401	-1.79083	0.357181	0.805853	-1.24092	0.00548538	0.43502	-2.29875	5.78687	4.76215	0.731487	1
cg11742383	0.0153829	0.493607	-2.0259	0.00757988	0.442493	-2.25992	0.530525	0.859997	-1.1628	0.218999	0.735737	-1.35918	4.6617	4.16059	0.793338	1
cg24309428	0.178966	0.774076	-1.29186	0.275977	0.816061	-1.2254	0.39853	0.856382	-1.1677	0.203962	0.786251	-1.27186	7.20931	3.67348	0.45293	1
cg19981409	0.0448507	0.263394	-3.79659	0.00554701	0.121074	-8.25938	0.00920775	0.14725	-6.79116	0.0505185	0.274915	-3.63749	5.19098	27.5998	4.72611	1
cg03508346	0.061378	1.43548	1.43548	0.775445	0.95213	-1.05028	0.899412	0.978544	-1.02193	0.0693258	0.705746	-1.41694	5.07483	2.36437	0.414135	1
cg03793270	0.592033	1.19211	1.19211	0.0102325	0.34939	-2.86213	0.312545	0.712237	-1.40403	0.294307	1.42381	1.42381	4.77695	7.98342	1.48554	1
cg24750308	0.203185	0.488295	-2.04794	0.0240805	0.237939	-4.20276	0.0322494	0.262308	-3.81231	0.127366	0.414864	-2.41043	3.73047	16.8259	4.00923	1
cg01436723	0.548566	0.869349	-1.15029	0.634328	1.11686	1.11686	0.0900719	0.649932	-1.53862	0.0147038	0.500261	-1.99896	3.71606	3.13091	0.748919	1
cg22661893	0.0125461	0.775377	-1.2897	0.317274	0.918783	-1.0884	0.98883	1.00115	1.00115	0.0210785	1.25521	1.25521	13.4348	1.42847	0.0945119	1
cg12161228	0.118681	0.663553	-1.50704	0.804803	0.941802	-1.06179	0.111934	0.657598	-1.52069	0.905011	0.971506	-1.02933	12.5701	11.6738	0.825506	1
cg13761364	0.293497	0.668506	-1.49587	0.406695	0.730748	-1.36846	0.000840514	0.15626	-6.39959	0.0508428	0.439479	-2.27542	5.23866	11.3317	1.92275	1
cg13709882	0.00226945	0.416326	-2.40196	0.585777	0.893216	-1.11955	0.0725792	0.662919	-1.50848	0.0275444	0.585777	-1.70713	4.78457	3.19112	0.592853	1
cg02076964	0.722578	0.915846	-1.09189	0.0758872	0.614363	-1.6277	0.0303013	0.533659	-1.87386	0.901809	0.97002	-1.03091	4.16211	4.00885	0.856157	1
cg14066075	0.63972	1.19015	1.19015	0.0332374	0.398912	-2.50682	0.0166335	0.339671	-2.94402	0.716746	0.874118	-1.14401	3.97553	8.58473	1.91946	1
cg03168296	0.293977	1.15343	1.15343	0.119184	0.80111	-1.24827	0.280133	0.863099	-1.15862	0.624436	1.06684	1.06684	3.85637	1.05029	0.24209	1
cg00207428	0.0310293	0.706092	-1.41625	0.00256699	0.562847	-1.77668	0.00428414	0.591444	-1.69078	0.0064302	0.61434	-1.62776	12.7961	3.8293	0.266004	1
cg04599341	0.0298736	2.32141	2.32141	0.000373499	6.52445	6.52445	0.0111207	2.85479	2.85479	0.145048	1.67491	1.67491	6.74017	11.5942	1.52904	1
cg02156899	0.226929	1.74067	1.74067	0.00706701	4.57682	4.57682	0.0296562	3.06028	3.06028	0.215433	1.7677	1.7677	3.66952	11.0944	2.68746	1
cg01182620	0.00485063	2.1346	2.1346	0.456011	0.85717	-1.16663	0.0467767	0.629947	-1.58743	0.656428	1.09515	1.09515	3.59979	2.34946	0.580146	1
cg17361459	0.000104371	0.24187	-4.13445	0.00122764	0.375932	-2.66005	0.00117685	0.373421	-2.67794	0.000811632	0.35165	-2.84374	20.0843	13.6211	0.602842	1
cg03575467	0.839609	1.0149	1.0149	1.20E-05	0.508975	-1.96473	0.0060558	1.29909	1.29909	0.0155394	1.24188	1.24188	19.3091	1.62946	0.0750118	1
cg03022434	0.454281	0.867024	-1.15337	0.000209035	0.313081	-3.19406	0.762412	1.0584	1.0584	0.027444	0.613671	-1.62954	12.312	6.83321	0.493338	1
cg01472181	0.803846	0.951637	-1.05082	0.000263901	0.30301	-3.30023	0.245132	0.784924	-1.27401	0.376993	0.834786	-1.19791	9.42718	5.92425	0.558598	1
cg01970519	0.819984	0.960072	-1.04159	0.0476754	0.667086	-1.49906	0.468807	1.14083	1.14083	0.943846	1.01267	1.01267	5.23648	2.65033	0.449891	1
cg10165847	0.025609	0.616556	-1.62191	7.14E-05	0.267132	-3.74347	0.00345617	0.484794	-2.06273	0.262442	0.808084	-1.2375	28.155	14.8306	0.468219	1
cg22063369	0.951711	1.01	1.01	0.60085	0.916891	-1.09064	0.213403	1.24031	1.24031	0.889979	1.02301	1.02301	10.2332	4.37861	0.380342	1
cg25153196	0.0139581	0.637732	-1.56806	0.114366	0.775362	-1.28972	0.686982	1.06185	1.06185	0.0755237	0.745936	-1.3406	9.36781	3.25645	0.308996	1
cg26047938	0.633383	1.12526	1.12526	0.00523374	2.4711	2.4711	0.00614379	2.40613	2.40613	0.361089	1.25933	1.25933	9.0602	8.65547	0.849181	1
cg02232089	0.686826	0.928311	-1.07723	0.00322789	2.09069	2.09069	0.547947	0.89441	-1.11806	0.0654489	0.684196	-1.46157	6.89021	3.67607	0.474241	1
cg25080229	0.440016	1.30235	1.30235	0.240108	1.51074	1.51074	0.21311	0.644141	-1.55246	0.0729723	0.511257	-1.95596	6.41977	11.4413	1.58417	1
cg21609584	0.305357	0.66385	-1.50636	0.122906	0.524566	-1.90634	0.646934	1.19484	1.19484	0.121389	0.522962	-1.91218	6.06718	14.3176	2.09763	1
cg21247693	0.868683	0.973159	-1.02758	0.128155	1.31054	1.31054	0.827487	0.964749	-1.03654	0.103567	0.74623	-1.34007	5.86674	2.51223	0.380637	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00581731	NPAS2	0.014188	0.412018	0.7254	-1.37855	0.114696	0.518619	-1.9282	0.332618	0.682131	-1.46599	0.773705	0.895529	-1.11666	0.00208608	0.190552	-5.24791
cg04334727	NPAS2	0.0180343	0.764407	0.886653	-1.12784	0.960858	0.980548	-1.01984	0.218713	0.595843	-1.6783	0.546923	0.783496	-1.27633	0.00480151	0.223607	-4.47213
cg26574325	NPAS2	0.034833	0.503932	1.25719	1.25719	0.680148	1.15016	1.15016	0.150824	0.594748	-1.68138	0.234516	1.5228	1.5228	0.00173597	0.221473	-4.51523
cg05991342	NPAS2	0.0367718	0.674192	1.0919	1.0919	0.887014	0.970872	-1.03	0.187194	0.747761	-1.33733	0.0505313	0.629161	-1.58942	0.962105	1.00993	1.00993
cg09272225	NPAS2	0.0380933	0.040292	0.254791	-3.92479	0.0120594	0.16419	-6.09051	0.0374446	0.248178	-4.02936	0.362841	0.582887	-1.7156	0.0116759	0.162221	-6.16445
cg10727171	NPAS3;NPAS3;NPAS3;NPAS3	0.000316213	0.680353	0.951737	-1.05071	0.079465	0.792586	-1.26169	0.000347207	0.50305	-1.98787	0.0126474	1.44794	1.44794	0.0433367	0.757681	-1.31982
ch.14.270578R	NPAS3;NPAS3;NPAS3;NPAS3	0.000612071	0.000479757	0.26014	-3.84409	0.0101925	0.451043	-2.21708	7.65E-05	0.171771	-5.82172	0.000248956	0.226308	-4.41876	0.00187355	0.338279	-2.95614
cg22957135	NPAS3;NPAS3;NPAS3;NPAS3	0.00246349	0.187537	0.727033	-1.37545	4.18E-05	0.168517	-5.93411	0.0662137	0.624827	-1.60044	0.0424996	0.586751	-1.7043	0.280119	1.29208	1.29208
cg25084108	NPAS3;NPAS3;NPAS3;NPAS3	0.00282388	0.102316	1.22034	1.22034	0.00196899	0.614384	-1.62765	0.000787189	0.568238	-1.75983	0.00915831	0.691686	-1.44574	0.00365846	0.645493	-1.5492
cg13696957	NPAS3;NPAS3;NPAS3;NPAS3	0.0029002	0.00142874	0.524887	-1.90517	0.0925054	0.772037	-1.29527	0.727936	0.952369	-1.05001	0.710913	0.949306	-1.0534	0.00013154	0.395647	-2.52751
cg13493426	NPAS3;NPAS3;NPAS3;NPAS3	0.0032354	0.0015536	0.346695	-2.88438	0.00184382	0.357131	-2.80009	0.213518	1.35662	1.35662	0.262672	1.31248	1.31248	0.0305118	0.553258	-1.80748
cg04900565	NPAS3;NPAS3;NPAS3;NPAS3	0.00387706	0.212622	0.837398	-1.19417	0.0118729	0.654066	-1.5289	0.00163668	1.83996	1.83996	0.134615	1.24367	1.24367	0.680182	1.05763	1.05763
cg23334306	NPAS3;NPAS3;NPAS3;NPAS3	0.00471279	0.00706561	0.358069	-2.79276	0.000644361	0.213384	-4.68639	0.00674403	0.354797	-2.81851	0.744221	0.907934	-1.1014	0.00599458	0.346614	-2.88506
cg02957408	NPAS3;NPAS3;NPAS3;NPAS3	0.00529956	0.00355373	0.365648	-2.73487	0.0236396	0.502527	-1.98994	0.702349	0.906846	-1.10272	0.296133	0.758901	-1.31769	0.00049055	0.248926	-4.01726
cg11787167	NPAS3;NPAS3;NPAS3;NPAS3	0.00532416	0.257317	0.786974	-1.27069	0.00686982	0.492002	-2.03251	0.0114107	0.526433	-1.89958	0.00767174	2.00246	2.00246	0.383759	0.83445	-1.19839
cg20040626	NPAS3;NPAS3;NPAS3;NPAS3	0.00706542	0.00276024	0.411843	-2.42811	0.0697023	0.646746	-1.5462	0.00344647	0.425984	-2.3475	0.35013	0.813332	-1.22951	0.00127481	0.364392	-2.74429
cg00243480	NPAS3;NPAS3;NPAS3;NPAS3	0.0119426	0.0274474	3.128	3.128	0.00323194	5.79149	5.79149	0.874717	0.93334	-1.07142	0.557094	1.29645	1.29645	0.0402112	2.81889	2.81889
cg03839794	NPAS3;NPAS3;NPAS3;NPAS3	0.0128981	0.0135624	3.07213	3.07213	0.111955	1.8888	1.8888	0.459417	1.31885	1.31885	0.561441	0.805954	-1.24077	0.247062	1.56	1.56
cg07050194	NPAS3;NPAS3;NPAS3;NPAS3	0.0152384	0.00350362	0.195993	-5.10223	0.00105046	0.13604	-7.3508	0.17881	0.555601	-1.79985	0.92315	1.0405	1.0405	0.0568249	0.411899	-2.42778
cg23300467	NPAS3;NPAS3;NPAS3;NPAS3	0.0166261	0.00164558	0.232017	-4.31004	0.984543	1.0063	1.0063	0.100239	1.79284	1.79284	0.0530258	0.490298	-2.03958	0.00683729	0.321197	-3.11336
cg23276524	NPAS3;NPAS3;NPAS3;NPAS3	0.0185749	0.920173	0.985152	-1.01507	0.956201	1.00823	1.00823	0.166281	0.802293	-1.24643	0.0764176	0.745154	-1.342	0.0113267	1.60519	1.60519
cg23255320	NPAS3;NPAS3;NPAS3;NPAS3	0.019782	0.0944428	0.613894	-1.62894	0.109888	0.629685	-1.5881	0.786522	0.930484	-1.07471	0.778483	0.927883	-1.07772	0.0240523	0.489551	-2.04269
cg23295647	NPAS3;NPAS3;NPAS3;NPAS3	0.0249498	0.995502	1.00206	1.00206	0.521148	0.788767	-1.2678	0.153173	0.572276	-1.74741	0.195267	0.606636	-1.64844	0.50774	1.27787	1.27787
cg02888744	NPAS3;NPAS3;NPAS3;NPAS3	0.0312962	0.719679	0.8748	-1.14312	0.00255766	0.211641	-4.72499	0.00472654	0.248332	-4.02687	0.413989	0.733484	-1.36336	0.169018	0.580492	-1.72268
cg04392578	NPAS3;NPAS3;NPAS3;NPAS3	0.0393629	0.291592	1.17339	1.17339	0.0879312	0.759437	-1.31676	0.00614485	0.593126	-1.68598	0.193935	0.818056	-1.22241	0.0286161	0.6857	-1.45836
cg09819656	NPAS3;NPAS3;NPAS3;NPAS3	0.040134	0.114125	2.02668	2.02668	0.22759	1.68303	1.68303	0.12529	1.97772	1.97772	0.046677	2.55027	2.55027	0.111467	2.03919	2.03919
cg04895360	NPAS3;NPAS3;NPAS3;NPAS3	0.0408607	0.0546561	1.63359	1.63359	0.8151	1.05416	1.05416	0.00899057	0.473349	-2.11261	0.0430708	0.592098	-1.68891	0.125259	0.688254	-1.45295
cg13496915	NPAS3;NPAS3;NPAS3;NPAS3	0.0489915	0.0155387	0.138765	-7.20642	0.00640575	0.0943759	-10.5959	0.378668	0.54822	-1.82409	0.357934	0.533044	-1.87602	0.0601974	0.243973	-4.09881
cg23605547	NPAS3;NPAS3;NPAS3;NPAS3;NPAS3;NPAS3;NPAS3	0.0402351	0.216911	0.463691	-2.15661	0.0208524	5.37203	5.37203	0.0061073	8.96675	8.96675	0.661027	1.29593	1.29593	0.729115	0.81533	-1.2265
cg19568845	NPAS4	6.98E-05	0.236771	1.2165	1.2165	0.0376096	1.46423	1.46423	0.683932	1.06685	1.06685	0.000271666	0.389228	-2.56919	4.45E-05	0.294465	-3.39598
cg15273822	NPAS4	0.00084027	0.00441646	0.586904	-1.70386	0.681043	0.943684	-1.05968	0.23448	0.839641	-1.19098	0.0361782	0.710596	-1.40727	0.00020644	0.418275	-2.39077
cg13215078	NPAS4	0.0102847	0.0793065	0.790691	-1.26472	0.0308146	0.736568	-1.35765	0.184733	0.844005	-1.18483	0.0919286	0.799567	-1.25068	0.0279672	0.73121	-1.3676
cg25233308	NPAS4	0.0113491	0.0879937	0.497389	-2.0105	0.1204	0.535342	-1.86796	0.00946033	0.295302	-3.38636	0.41219	0.732714	-1.36479	0.0116882	0.310778	-3.21773
cg23667955	NPAS4	0.0201618	0.577372	0.848833	-1.17809	0.0705312	0.555186	-1.8012	0.0073603	0.365805	-2.7337	0.174581	0.656762	-1.52262	0.0447685	0.511346	-1.95562
cg11635197	NPAS4	0.0240403	0.20023	1.65621	1.65621	0.0736864	0.475464	-2.10321	0.149864	0.562334	-1.7783	0.455386	0.753145	-1.32776	0.00122318	0.171369	-5.83536
cg14326225	NPAS4	0.0335771	0.049917	0.395471	-2.52863	0.00543807	0.219293	-4.56012	0.010229	0.261041	-3.83082	0.779679	0.890169	-1.12338	0.0590645	0.412997	-2.42133
cg23484234	NPAS4	0.0345035	0.0666576	1.57658	1.57658	0.00391164	2.36274	2.36274	0.19163	1.35805	1.35805	0.242046	1.31139	1.31139	0.149378	1.40812	1.40812
cg25630123	NPAT	0.00622245	0.00803772	0.26365	-3.7929	0.0797949	0.466154	-2.14521	0.12833	0.524481	-1.90665	0.0507702	0.417387	-2.39586	0.00486072	0.230869	-4.33147
cg09191173	NPAT	0.0169936	0.0618256	0.496594	-2.01372	0.924997	0.969147	-1.03184	0.406152	1.3269	1.3269	0.632849	1.17373	1.17373	0.0631506	0.498778	-2.0049
cg12892243	NPAT	0.0440852	0.0846824	0.508072	-1.96823	0.672775	0.85998	-1.16282	0.297688	0.681569	-1.4672	0.372725	1.38397	1.38397	0.00225091	0.219054	-4.56509
cg20342375	NPAT;ATM;NPAT	0.000151196	0.00174756	0.663245	-1.50774	0.00439232	0.70467	-1.4191	0.000621739	0.615987	-1.62341	0.489447	0.937427	-1.06675	3.34E-05	0.476912	-2.09682
cg13655341	NPB	0.000247274	6.19E-05	0.401835	-2.48858	0.343689	0.88654	-1.12798	0.0509068	0.759901	-1.31596	0.0731509	0.781354	-1.27983	0.60399	1.06673	1.06673
cg22700854	NPB	0.00263054	0.0826043	0.530454	-1.88518	0.117962	1.75045	1.75045	0.521672	1.23886	1.23886	0.742129	1.11505	1.11505	0.183528	0.627905	-1.5926
cg03160815	NPB	0.00357187	0.00781015	0.55542	-1.80044	0.0502042	1.46881	1.46881	0.105054	0.73712	-1.35663	0.157608	0.770889	-1.2972	0.496511	1.12625	1.12625
cg23186643	NPB	0.0246226	0.311492	0.83608	-1.19606	0.00131532	2.22415	2.22415	0.218452	1.24773	1.24773	0.917037	1.01798	1.01798	0.467842	0.881346	-1.13463
cg26205771	NPBWR1	7.12E-05	1.32E-05	30.5089	30.5089	0.349634	0.697379	-1.43394	0.0315526	2.5699	2.5699	0.0729241	0.472913	-2.11455	0.094947	0.503106	-1.98765
cg01559663	NPBWR1	0.00132741	0.053404	2.72004	2.72004	0.923136	1.04499	1.04499	0.92963	0.96052	-1.0411	0.47146	0.716012	-1.39662	0.259714	0.584975	-1.70948
cg15531403	NPBWR1	0.002907	0.00207785	2.9154	2.9154	0.00945052	2.25235	2.25235	0.22605	1.36865	1.36865	0.678611	1.10834	1.10834	0.790754	1.06785	1.06785
cg07629017	NPBWR1	0.00677522	0.23113	1.40085	1.40085	0.0760699	1.69847	1.69847	0.652533	0.885479	-1.12933	0.0976521	1.62855	1.62855	0.615738	0.873017	-1.14545
cg21001487	NPBWR1	0.00834321	0.0252395	1.81463	1.81463	0.533677	1.15161	1.15161	0.0177825	1.90665	1.90665	0.348477	1.24129	1.24129	0.4144	1.20543	1.20543
cg07770968	NPBWR1	0.00972057	0.0756798	3.85683	3.85683	0.401628	1.79689	1.79689	0.0794244	3.77818	3.77818	0.611209	1.41906	1.41906	0.612117	0.705329	-1.41778
cg02640612	NPBWR1	0.0214624	0.224822	0.86477	-1.15638	0.605436	1.06119	1.06119	0.315817	0.888526	-1.12546	0.209623	1.16264	1.16264	0.99782	0.999689	-1.00031
cg06528306	NPBWR1	0.0341521	0.528728	1.30207	1.30207	0.703767	1.17117	1.17117	0.570419	1.26766	1.26766	0.0767482	2.25718	2.25718	0.370233	0.683478	-1.4631
cg04137594	NPBWR2	0.00273671	0.131478	0.770836	-1.29729	0.202996	1.23964	1.23964	0.998163	1.00037	1.00037	0.111325	0.757863	-1.3195	5.47E-05	0.300853	-3.32388
cg21628553	NPBWR2	0.00381151	0.0230271	0.445828	-2.24302	0.0288744	0.465019	-2.15045	0.699728	0.89122	-1.12206	0.157796	0.638398	-1.56642	8.26E-05	0.121583	-8.22482
cg22681279	NPBWR2	0.00403359	0.275017	0.801927	-1.247	0.205318	1.29657	1.29657	0.022219	0.586986	-1.70362	0.570942	1.11774	1.11774	0.000296662	0.318234	-3.14234
cg12462720	NPBWR2	0.0163277	0.554353	0.840958	-1.18912	0.178702	1.51252	1.51252	0.347745	0.755781	-1.32313	0.356037	1.31646	1.31646	0.0179138	0.434623	-2.30084
cg06830800	NPC1	0.00158419	0.000250556	0.215108	-4.64883	0.0967044	1.59024	1.59024	0.0125902	0.454158	-2.20187	0.10536	1.56849	1.56849	0.347548	0.781881	-1.27897
cg17926289	NPC1	0.00245754	0.00122431	0.518551	-1.92845	0.0717008	0.756388	-1.32207	0.0303643	1.42389	1.42389	0.0880958	1.29864	1.29864	0.0183944	1.48756	1.48756
cg19385725	NPC1	0.0127514	0.336579	0.913597	-1.09457	0.152204	1.15015	1.15015	0.95073	1.00565	1.00565	0.321612	0.910837	-1.09789	0.971446	1.00327	1.00327
cg12709880	NPC1	0.0190763	0.0673074	0.457655	-2.18505	0.0216274	0.349438	-2.86174	0.0279124	0.371434	-2.69227	0.249332	1.5825	1.5825	0.00615851	0.256075	-3.9051
cg21243631	NPC1	0.0467972	0.0543432	0.422872	-2.36478	0.448054	0.737273	-1.35635	0.00679883	0.250951	-3.98483	0.228942	0.60792	-1.64495	0.12557	0.520228	-1.92223
cg27179512	NPC1;NPC1	0.0330172	0.0228303	0.457567	-2.18547	0.81147	1.07099	1.07099	0.234966	1.42946	1.42946	0.37783	0.771266	-1.29657	0.565206	0.846305	-1.18161
cg03086893	NPC1L1;NPC1L1	3.74E-05	0.381775	0.851268	-1.17472	0.00401776	0.499656	-2.00138	2.00E-05	0.212272	-4.71095	8.67E-06	0.176388	-5.66932	0.000313989	0.350443	-2.85353
cg02004747	NPC1L1;NPC1L1	0.000330793	0.00904795	0.824439	-1.21295	0.00168504	1.29849	1.29849	0.00957881	0.826234	-1.21031	0.0218834	0.852099	-1.17357	0.00372409	0.796142	-1.25606
cg05358848	NPC1L1;NPC1L1	0.00109878	0.0758795	0.574194	-1.74157	0.000184338	0.169577	-5.89704	0.00576035	0.361982	-2.76257	0.11895	0.621732	-1.60841	0.000111021	0.14819	-6.74811
cg08399858	NPC1L1;NPC1L1	0.00200577	0.0155057	0.414487	-2.41262	0.987429	1.00468	1.00468	0.000958504	0.232413	-4.30269	0.960363	1.01485	1.01485	0.000914097	0.229862	-4.35044
cg26540410	NPC1L1;NPC1L1	0.00287248	0.430515	0.896161	-1.11587	0.883556	0.980229	-1.02017	0.00119276	0.52351	-1.91018	0.158467	1.22803	1.22803	0.00387789	0.58861	-1.69892
cg26390609	NPC1L1;NPC1L1	0.0242306	0.199612	0.696162	-1.43645	0.130188	0.646062	-1.54784	0.0209957	0.476118	-2.10032	0.509052	0.836088	-1.19605	0.000606933	0.243561	-4.10574
cg14477619	NPC1L1;NPC1L1;NPC1L1;NPC1L1	0.00033807	0.0490529	0.721684	-1.38565	0.99046	1.0017	1.0017	2.87E-05	0.269263	-3.71384	?	?	?	0.0186818	0.658435	-1.51875
cg21915100	NPC2	0.0088291	0.0339459	0.358519	-2.78925	0.00336377	0.191507	-5.22174	0.0424846	0.379856	-2.63258	0.0143188	0.286142	-3.49477	0.00627063	0.228656	-4.37338
cg08050006	NPC2	0.0436903	0.189553	0.603586	-1.65676	0.461569	0.761616	-1.313	0.339256	0.699173	-1.43026	0.0130247	0.32651	-3.0627	0.00637785	0.275353	-3.6317
cg11740921	NPC2	0.0488052	0.0227204	0.115801	-8.63548	0.0207842	0.110775	-9.02727	0.0382996	0.149881	-6.67197	0.342807	0.461781	-2.16553	0.0440691	0.160576	-6.22759
cg13634296	NPC2;ISCA2	0.00458978	0.00792936	1.66294	1.66294	0.0438644	0.707503	-1.41342	0.0154039	0.641378	-1.55914	0.00449941	0.567973	-1.76065	0.419082	0.883973	-1.13126
cg06868247	NPC2;ISCA2	0.00743573	0.210199	1.23879	1.23879	0.0326675	0.666733	-1.49985	0.466035	1.12783	1.12783	0.418777	1.14337	1.14337	0.837299	1.03391	1.03391
cg16467105	NPC2;ISCA2	0.0112568	0.0110199	1.64089	1.64089	0.00200158	1.96871	1.96871	0.00568457	1.75652	1.75652	0.492066	0.897301	-1.11445	0.35269	1.16011	1.16011
cg16374328	NPC2;ISCA2	0.0229797	0.674082	0.956443	-1.04554	0.0864624	1.22067	1.22067	0.552142	0.938634	-1.06538	0.660225	1.04768	1.04768	0.00793602	0.698782	-1.43106
cg06291595	NPC2;ISCA2	0.03314	0.321371	0.842196	-1.18737	0.676691	0.932117	-1.07283	0.0311725	1.52795	1.52795	0.0858767	1.37463	1.37463	0.118708	1.32831	1.32831
cg26195881	NPC2;ISCA2	0.0374514	0.0599091	3.38824	3.38824	0.0152211	5.54897	5.54897	0.168932	2.32236	2.32236	0.0598996	0.295122	-3.38843	0.0781691	0.324649	-3.08025
cg12611723	NPDC1	0.00837696	0.0556208	0.660673	-1.51361	0.847903	0.96397	-1.03738	0.00115871	2.48929	2.48929	0.0571681	1.50868	1.50868	0.082856	1.44344	1.44344
cg14190761	NPDC1	0.0182384	0.0852262	0.539535	-1.85345	0.385551	1.33438	1.33438	0.0113582	2.79466	2.79466	0.327939	1.38743	1.38743	0.0328966	0.445235	-2.24601
cg01034726	NPDC1	0.030697	0.192193	0.722691	-1.38372	0.753766	0.928641	-1.07684	0.337932	0.792619	-1.26164	0.463298	0.838921	-1.19201	0.00105436	0.319852	-3.12645
cg01371631	NPEPL1	0.000163053	0.0140579	0.746067	-1.34036	0.0745936	0.825376	-1.21157	0.000434282	0.58421	-1.71171	0.000899193	0.61868	-1.61634	0.166647	0.867202	-1.15313
cg11073931	NPEPL1	0.000213032	5.38E-05	2.08569	2.08569	0.657574	1.04451	1.04451	0.0924667	0.834654	-1.1981	0.538476	1.06268	1.06268	0.513867	1.06675	1.06675
cg06548214	NPEPL1	0.000725559	0.533677	0.872133	-1.14661	0.0234239	0.555612	-1.79982	0.0150236	0.522689	-1.91318	0.546387	0.875916	-1.14166	8.86E-05	0.21791	-4.58906
cg20022869	NPEPL1	0.0112263	0.114645	2.04984	2.04984	0.0173829	3.3588	3.3588	0.00407957	5.01518	5.01518	0.230244	0.590636	-1.69309	0.0736839	0.434264	-2.30275
cg10073706	NPEPL1	0.011478	0.448359	0.618383	-1.61712	0.518127	1.50314	1.50314	0.0486832	4.05796	4.05796	0.200473	0.43119	-2.31916	0.390977	0.578811	-1.72768
cg00406338	NPEPL1	0.0154884	0.0728444	1.63443	1.63443	0.00454339	2.52974	2.52974	0.0351149	1.82698	1.82698	0.768695	0.930156	-1.07509	0.271786	0.755126	-1.32428
cg27274542	NPEPL1	0.0210697	0.0730864	3.71024	3.71024	0.0978913	3.29022	3.29022	0.145624	2.78647	2.78647	0.571249	1.45542	1.45542	0.736659	1.24778	1.24778
cg17086141	NPEPPS	0.00444078	0.00718798	0.191848	-5.21246	0.881485	1.07357	1.07357	0.0144273	0.238195	-4.19824	0.325035	1.62185	1.62185	0.00429941	0.162546	-6.15211
cg27109284	NPEPPS	0.00953092	0.137689	0.464053	-2.15493	0.203572	0.524917	-1.90506	0.0598756	0.360717	-2.77225	0.08035	0.393918	-2.5386	0.00580131	0.176305	-5.67198
cg15039415	NPEPPS	0.0122174	0.0521393	0.673934	-1.48383	0.0707197	0.697146	-1.43442	0.00520872	0.517576	-1.93208	0.0265892	0.625309	-1.59921	0.00549753	0.520977	-1.91947
cg26462239	NPEPPS	0.0152126	0.27442	1.21244	1.21244	0.00368844	0.51437	-1.94413	0.0778828	0.717565	-1.3936	0.652402	1.07983	1.07983	0.25641	1.22222	1.22222
cg17364672	NPFFR1	0.000126814	0.00110467	2.68888	2.68888	2.76E-05	5.47112	5.47112	0.0217666	1.76198	1.76198	0.0263901	1.71868	1.71868	0.00269451	2.34635	2.34635
cg13585930	NPFFR1	0.000508906	0.000471602	0.236277	-4.23232	0.00764138	0.406316	-2.46114	0.000311711	0.215298	-4.64473	0.00025437	0.205393	-4.86871	0.00146812	0.299388	-3.34015
cg00950971	NPFFR1	0.00140937	0.0462403	1.57808	1.57808	0.00381623	2.17995	2.17995	0.243773	1.27589	1.27589	0.0718519	1.49402	1.49402	0.00937261	1.93127	1.93127
cg06466222	NPFFR1	0.00282542	0.06093	0.725219	-1.37889	0.0812517	0.745288	-1.34176	0.000115336	0.357549	-2.79682	0.00151604	0.499177	-2.0033	0.969742	0.994247	-1.00579
ch.10.1486890F	NPFFR1	0.0403484	0.0302816	0.3483	-2.87109	0.01619	0.295803	-3.38062	0.00982147	0.258828	-3.86357	0.0812741	0.449198	-2.22619	0.172604	0.548214	-1.82411
cg15867728	NPFFR2	0.000257059	0.00520943	0.459856	-2.17459	0.000515369	0.31919	-3.13293	0.0297129	0.583224	-1.71461	0.0434237	0.612983	-1.63137	0.0170439	0.541764	-1.84582
cg20289913	NPFFR2	0.000580728	0.250474	0.469508	-2.12989	0.00389116	0.0865086	-11.5595	0.00886151	0.122767	-8.14553	0.473084	0.631632	-1.5832	0.0011681	0.0497523	-20.0996
cg04008252	NPFFR2	0.000701566	0.299614	0.493848	-2.02492	0.00883575	0.112174	-8.91471	0.00662347	0.0989426	-10.1069	0.632383	0.728825	-1.37207	0.0112262	0.124301	-8.04496
cg10698419	NPFFR2	0.000806145	0.000152684	0.270668	-3.69457	0.398277	0.840261	-1.19011	0.000379871	0.319067	-3.13414	0.00745985	0.499917	-2.00033	0.693898	1.08286	1.08286
cg08414965	NPFFR2	0.0045097	0.000239725	0.182304	-5.48535	0.0216176	0.461998	-2.16451	0.0131614	0.422902	-2.36461	0.0850051	0.586738	-1.70434	0.000970316	0.252963	-3.95314
cg21266330	NPFFR2	0.0121783	0.165344	0.53982	-1.85247	0.127995	0.503806	-1.98489	0.666249	0.834614	-1.19816	0.568536	0.786539	-1.27139	0.0151401	0.288417	-3.4672
cg03017946	NPFFR2	0.033447	0.0500475	0.411989	-2.42725	0.333086	0.672851	-1.48621	0.253999	0.623303	-1.60436	0.0453995	0.402212	-2.48625	0.0127634	0.292931	-3.41377
cg02192673	NPFFR2;NPFFR2	0.00145067	0.172281	1.74093	1.74093	0.00171542	0.181231	-5.51783	0.190654	0.589288	-1.69696	0.959835	1.0194	1.0194	0.0046195	0.237342	-4.21333
cg26656113	NPFFR2;NPFFR2	0.00574781	0.147899	0.584853	-1.70983	0.00727704	0.302366	-3.30725	0.139948	0.577678	-1.73107	0.486886	0.783419	-1.27646	0.0263918	0.402624	-2.4837
cg16084416	NPFFR2;NPFFR2;NPFFR2	2.67E-05	4.21E-07	0.045615	-21.9226	0.331819	1.23997	1.23997	0.000633697	0.32377	-3.08861	0.0284899	0.573883	-1.74251	0.0104229	0.500156	-1.99938
cg14992771	NPFFR2;NPFFR2;NPFFR2	0.000275335	6.16E-06	0.105842	-9.44805	0.604421	1.12302	1.12302	0.000557372	0.304599	-3.283	0.539092	1.14804	1.14804	0.664575	0.907689	-1.1017
cg24923953	NPFFR2;NPFFR2;NPFFR2	0.0342188	0.0109874	0.0590917	-16.9228	0.0450275	0.130154	-7.68319	0.0702377	0.166285	-6.01377	0.154594	0.259058	-3.86014	0.0127525	0.0643636	-15.5367
cg17996603	NPHP1;NPHP1;NPHP1;NPHP1	3.02E-05	0.01001	0.716526	-1.39562	0.000103148	0.494425	-2.02255	8.01E-06	0.367385	-2.72194	0.848685	0.980608	-1.01978	0.481869	0.929336	-1.07604
cg04079176	NPHP1;NPHP1;NPHP1;NPHP1	0.00177207	0.0435705	0.849021	-1.17783	0.105247	0.882635	-1.13297	0.0211709	0.822444	-1.21589	0.0454922	1.1756	1.1756	0.000232789	0.650066	-1.53831
cg22304555	NPHP1;NPHP1;NPHP1;NPHP1	0.010107	0.0133976	0.514203	-1.94476	0.00525275	0.449586	-2.22427	0.823036	1.04985	1.04985	0.0735911	0.648435	-1.54218	0.00417611	0.434485	-2.30158
cg03893339	NPHP3	0.00563537	0.0163563	0.38328	-2.60906	0.176935	0.625652	-1.59833	0.0954783	0.549667	-1.81928	0.434917	1.29733	1.29733	0.00137615	0.2195	-4.5558
cg21574574	NPHP3	0.0226258	0.980777	0.994847	-1.00518	0.204418	0.750375	-1.33267	0.115453	0.692825	-1.44337	0.543036	1.14113	1.14113	0.000753103	0.334257	-2.99171
cg15688370	NPHP3;NCRNA00119	0.000337768	0.871058	1.01907	1.01907	0.136246	0.829716	-1.20523	0.0845366	1.24839	1.24839	0.00151816	0.588001	-1.70068	0.00023348	0.491787	-2.0334
cg24015850	NPHP3;NCRNA00119	0.0229808	0.0592382	1.34333	1.34333	0.907487	1.01624	1.01624	0.0529377	0.737245	-1.3564	0.372896	0.880933	-1.13516	0.0190092	0.674682	-1.48218
cg07186168	NPHP4	4.95E-07	7.09E-05	0.657136	-1.52175	1.72E-07	0.39284	-2.54556	0.237471	1.07434	1.07434	0.0242017	0.855812	-1.16848	2.91E-07	0.417478	-2.39533
cg09231416	NPHP4	2.75E-06	0.000319654	0.619509	-1.61418	3.82E-06	0.412344	-2.42516	0.079463	1.17352	1.17352	0.000172912	0.592015	-1.68915	0.0294107	0.8099	-1.23472
cg12904950	NPHP4	3.39E-05	0.0542588	1.24752	1.24752	0.644635	0.954064	-1.04815	0.0016332	1.5791	1.5791	0.00980312	0.718496	-1.3918	1.42E-06	0.288542	-3.4657
cg00000957	NPHP4	4.02E-05	0.0316789	1.19477	1.19477	0.000274819	0.65643	-1.52339	0.309524	1.07713	1.07713	0.0105408	0.796653	-1.25525	9.15E-06	0.507706	-1.96964
cg14260998	NPHP4	4.79E-05	0.183933	0.772008	-1.29532	0.000388569	0.353989	-2.82495	0.997657	0.999461	-1.00054	0.227969	1.2615	1.2615	5.61E-05	0.252969	-3.95305
cg15893285	NPHP4	6.34E-05	0.508499	1.05722	1.05722	0.130175	1.14522	1.14522	0.0209728	1.25909	1.25909	6.47E-05	1.83832	1.83832	9.13E-06	0.451051	-2.21704
cg09247779	NPHP4	0.000342029	0.191117	0.817766	-1.22284	6.14E-05	0.341469	-2.92852	0.51412	0.908316	-1.10094	0.518701	0.909292	-1.09976	0.00300334	0.553536	-1.80657
cg26003933	NPHP4	0.000364084	0.0015417	0.114473	-8.73568	4.39E-05	0.0250676	-39.8922	0.000905321	0.094238	-10.6114	0.00867504	0.203573	-4.91223	0.000225994	0.0540401	-18.5048
cg00385956	NPHP4	0.00036945	0.165135	0.783643	-1.27609	0.0609199	0.706218	-1.41599	0.191124	1.25598	1.25598	0.55038	0.905296	-1.10461	8.96E-06	0.205039	-4.87713
cg25035489	NPHP4	0.000465693	0.63414	0.895687	-1.11646	0.000231586	0.24558	-4.07199	0.162537	1.40859	1.40859	0.00289945	0.390335	-2.5619	3.65E-05	0.161013	-6.21067
cg06616755	NPHP4	0.000580034	0.000224566	0.255301	-3.91695	0.059222	0.622678	-1.60597	0.0027739	0.399468	-2.50333	0.303455	1.26752	1.26752	9.34E-05	0.212296	-4.71041
cg02103362	NPHP4	0.000622029	0.000467965	0.232837	-4.29485	4.67E-05	0.130641	-7.65458	0.0106031	0.426701	-2.34356	0.32642	0.764539	-1.30798	0.0014006	0.293389	-3.40844
cg03607993	NPHP4	0.000627286	0.0405371	1.43928	1.43928	0.0219056	1.52707	1.52707	0.558982	0.913042	-1.09524	0.0724665	1.36146	1.36146	2.98E-05	0.28407	-3.52026
cg15550953	NPHP4	0.00079029	0.00069199	0.325567	-3.07157	0.00219846	2.53553	2.53553	0.0262034	1.77103	1.77103	0.616905	0.896462	-1.1155	0.000325042	0.283847	-3.52302
cg17490283	NPHP4	0.000953308	0.000325328	0.293892	-3.40262	0.138248	0.714363	-1.39985	0.00495812	0.456535	-2.19041	0.106851	0.690026	-1.44922	0.000306367	0.290667	-3.44037
cg06173758	NPHP4	0.00136348	0.0026954	0.251015	-3.98383	0.000153325	0.114908	-8.70259	0.00137854	0.212947	-4.69601	0.100578	0.549009	-1.82146	0.000585603	0.170069	-5.87995
cg05927645	NPHP4	0.00141466	0.106819	0.517443	-1.93258	0.0105396	0.299938	-3.33402	0.151501	0.562659	-1.77728	0.857892	1.06937	1.06937	0.000150184	0.0875132	-11.4268
cg11798758	NPHP4	0.00170467	0.0625115	0.39084	-2.55859	9.28E-05	0.0438989	-22.7796	0.0610335	0.388243	-2.57571	0.964071	0.980016	-1.02039	0.0150377	0.262019	-3.81652
cg06981887	NPHP4	0.00190345	0.45288	0.893261	-1.11949	0.404853	0.881785	-1.13406	0.159563	0.801026	-1.2484	0.00079284	0.47319	-2.11332	0.000110853	0.366492	-2.72857
cg20383686	NPHP4	0.00216665	0.909758	1.00991	1.00991	0.396604	0.927248	-1.07846	0.644524	1.04125	1.04125	0.0854879	1.17988	1.17988	0.371783	0.923307	-1.08306
cg15604190	NPHP4	0.00230408	0.0902261	0.619246	-1.61487	0.358939	0.784955	-1.27396	0.664458	1.11854	1.11854	2.39E-05	0.115049	-8.69194	0.789613	1.07105	1.07105
cg01074955	NPHP4	0.00267824	0.136988	1.48971	1.48971	0.301798	0.7663	-1.30497	0.274864	0.753763	-1.32668	0.216606	1.38197	1.38197	0.000461464	0.25375	-3.94088
cg20810082	NPHP4	0.00358962	0.0650302	0.752791	-1.32839	0.030612	1.41648	1.41648	0.000584646	0.482602	-2.0721	0.0153185	0.664965	-1.50384	0.0147474	0.662754	-1.50886
cg09259053	NPHP4	0.00371185	0.0903778	0.582291	-1.71735	0.000993786	0.242331	-4.12658	0.250239	0.705959	-1.41651	0.302491	0.733777	-1.36281	0.000117221	0.141562	-7.06403

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00581731	0.00158683	0.176362	-5.67016	0.396837	1.39385	1.39385	0.96705	1.01594	1.01594	0.235836	1.60878	1.60878	5.27669	12.2422	2.06227	1
cg04334727	0.00620956	0.239781	-4.17047	0.00324879	0.200596	-4.98515	0.374074	0.694066	-1.44079	0.0200191	0.32517	-3.07531	4.87201	12.3614	2.25531	1
cg26574325	0.561055	1.2194	1.2194	0.510145	1.2529	1.2529	0.572623	0.824976	-1.21216	0.0430524	0.455825	-2.19382	3.87383	6.98776	1.60341	1
cg05991342	0.00707622	0.484974	-2.06197	0.0353414	1.66456	1.66456	0.662904	1.09549	1.09549	0.0829353	1.49065	1.49065	3.79841	2.60089	0.60865	1
cg09272225	0.0753553	0.318969	-3.1351	0.0285521	0.225115	-4.44218	0.944383	0.960534	-1.04109	0.0331401	0.237526	-4.21006	3.74977	19.7814	4.68921	1
cg10727171	0.0414528	0.755187	-1.32418	0.000194642	0.473056	-2.11391	0.000510797	1.91175	1.91175	0.21019	1.17079	1.17079	16.2147	3.6617	0.200734	1
ch.14.270578R	0.0758867	0.615393	-1.62498	0.00304562	0.368762	-2.71178	0.0763049	0.615912	-1.62361	0.0536497	0.583602	-1.7135	13.5086	12.9218	0.850279	1
cg22957135	0.250866	1.31499	1.31499	0.464245	0.843654	-1.18532	0.0447377	0.591035	-1.69195	0.429892	0.832015	-1.2019	9.07122	7.48387	0.733344	1
cg25084108	0.287254	0.884206	-1.13096	0.146971	1.18929	1.18929	0.120017	0.82874	-1.20665	0.104286	0.820547	-1.2187	8.71304	1.71177	0.174632	1
cg13696957	0.0167717	0.665039	-1.50367	0.423541	0.892058	-1.121	0.930901	0.987954	-1.01219	0.00649083	0.609923	-1.63955	8.64448	2.67358	0.274918	1
cg13493426	0.899954	1.02972	1.02972	0.00112385	0.327383	-3.05452	0.056766	0.605283	-1.65212	0.0765684	0.632123	-1.58197	8.36798	7.18501	0.763228	1
cg04900565	0.0345442	0.716626	-1.39543	0.00448857	0.599211	-1.66886	0.491026	0.909773	-1.09918	0.0194511	0.682577	-1.46504	7.92667	2.29412	0.25726	1
cg23334306	0.814803	0.93312	-1.07167	0.551708	0.837241	-1.1944	0.0823778	1.76411	1.76411	0.0713172	0.551992	-1.81162	7.4721	10.2994	1.22522	1
cg02957408	0.20039	0.708613	-1.41121	0.00219802	0.335084	-2.98433	0.836595	0.948765	-1.054	0.0189971	0.485186	-2.06107	7.20917	7.40489	0.913021	1
cg11787167	0.0414472	0.620934	-1.61048	0.339076	1.22101	1.22101	0.0914107	1.45746	1.45746	0.0155632	1.82426	1.82426	7.19895	4.68198	0.578107	1
cg20040626	0.0428497	0.606069	-1.64998	0.258497	1.28826	1.28826	0.999145	0.99977	-1.00023	0.144843	0.714328	-1.39992	6.59595	4.82158	0.649769	1
cg00243480	0.0895022	2.26714	2.26714	0.00153475	7.33815	7.33815	0.0137497	3.78757	3.78757	0.0578863	2.55337	2.55337	5.58217	16.8994	2.691	1
cg03839794	0.00891542	3.39574	3.39574	0.0011886	5.73254	5.73254	0.00917068	3.37268	3.37268	0.153096	1.75441	1.75441	5.44411	11.6393	1.90041	1
cg07050194	0.324836	0.658127	-1.51946	0.0212361	0.319953	-3.12546	0.0845417	0.456089	-2.19255	0.383515	0.692331	-1.4444	5.15373	13.8199	2.38359	1
cg23300467	0.557887	0.82521	-1.21181	0.639626	0.858234	-1.16518	0.936843	0.974636	-1.02602	0.0634	0.50827	-1.96746	5.00655	8.33323	1.47953	1
cg23276524	0.0567617	0.724846	-1.3796	0.00347739	1.80732	1.80732	0.815725	1.03545	1.03545	0.63636	0.931393	-1.07366	4.82378	1.70148	0.313536	1
cg23255320	0.0274752	0.500508	-1.99797	0.0597032	1.75765	1.75765	0.00912755	2.40858	2.40858	0.272933	0.738713	-1.35371	4.72211	5.26841	0.991725	1
cg23295647	0.479872	1.2996	1.2996	0.000958375	6.0194	6.0194	0.0936691	1.95946	1.95946	0.397443	0.728951	-1.37183	4.36028	9.19394	1.87428	1
cg02888744	0.786182	0.904004	-1.10619	0.328849	1.4536	1.4536	0.124288	0.539175	-1.85469	0.606868	0.824779	-1.21245	4.02575	8.78332	1.93936	1
cg04392578	0.691673	0.943419	-1.05997	0.419039	1.12823	1.12823	0.260578	1.18703	1.18703	0.0686074	0.742419	-1.34695	3.70496	1.25278	0.300565	1
cg09819656	0.0805886	2.2178	2.2178	0.00177524	6.22827	6.22827	0.0255631	2.97543	2.97543	0.134131	1.94249	1.94249	3.6786	9.84227	2.37826	1
cg04895360	0.415509	1.20609	1.20609	0.153995	1.41004	1.41004	0.260202	0.76765	-1.30268	0.806325	1.05686	1.05686	3.65433	2.93394	0.713659	1
cg13496915	0.38283	0.551242	-1.81409	0.0560679	0.236907	-4.22107	0.025161	0.169972	-5.88331	0.0611834	0.245619	-4.07135	3.41444	23.95	6.23495	1
cg23605547	0.833314	0.88363	-1.1317	0.967024	1.02456	1.02456	0.0376612	0.234869	-4.25769	0.743108	1.21304	1.21304	4.01306	21.4332	4.15399	1
cg19568845	0.996824	0.999371	-1.00063	0.000909519	2.19075	2.19075	0.170031	1.25992	1.25992	3.77E-05	0.286161	-3.49454	24.3686	9.64674	0.351883	1
cg15273822	0.204728	1.20644	1.20644	0.000318559	2.26467	2.26467	0.626771	0.933582	-1.07114	0.244023	0.842872	-1.18642	12.3599	3.85026	0.276899	1
cg13215078	0.189953	0.845889	-1.18219	0.00113238	1.78153	1.78153	0.387011	0.898612	-1.11283	0.930531	0.989543	-1.01057	5.85772	1.34848	0.204626	1
cg25233308	0.0141514	0.325313	-3.07397	0.308372	1.47856	1.47856	0.00135078	0.177881	-5.62173	0.0502526	0.436978	-2.28845	5.67503	12.3659	1.93689	1
cg23667955	0.251647	1.4172	1.4172	0.886006	1.04265	1.04265	0.00189512	0.277592	-3.6024	0.116532	0.608646	-1.64299	4.69169	6.29863	1.19334	1
cg11635197	0.295512	0.667309	-1.49856	0.784778	1.10747	1.10747	0.0614587	0.455844	-2.19373	0.0319753	0.391785	-2.55242	4.41683	9.72603	1.95737	1
cg14326225	0.23297	0.595202	-1.6801	0.270049	0.620976	-1.61037	0.0098626	0.258475	-3.86885	0.146823	0.524143	-1.90788	3.9255	10.7004	2.423	1
cg23484234	0.862266	1.03919	1.03919	0.0275709	0.561664	-1.78043	0.564036	1.13782	1.13782	0.124992	1.44436	1.44436	3.88716	3.01754	0.690031	1
cg25630123	0.0199268	0.331856	-3.01335	0.000514438	0.11905	-8.39982	0.338309	1.4733	1.4733	0.0507109	0.417268	-2.39654	6.86153	16.7493	2.16982	1
cg09191173	0.112133	0.562291	-1.77844	0.0182745	0.385443	-2.59441	0.00254819	4.02838	4.02838	0.780554	0.911236	-1.09741	4.97011	8.71938	1.55943	1
cg12892243	0.507831	0.787756	-1.26943	0.911985	1.04004	1.04004	0.0915271	1.93442	1.93442	0.240553	0.646415	-1.54699	3.5527	7.09497	1.77517	1
cg20342375	0.000903353	0.633185	-1.57932	0.00098146	0.636984	-1.5699	0.00181539	1.50383	1.50383	0.0543088	0.817942	-1.22258	19.8144	2.65773	0.119227	1
cg13655341	0.00841643	0.660019	-1.51511	2.80E-05	0.361434	-2.76676	0.000218701	0.467277	-2.14006	0.86121	0.978626	-1.02184	17.3417	4.18648	0.214588	1
cg22700854	0.233463	0.662331	-1.50982	5.40E-05	0.0835071	-11.975	0.037521	0.451156	-2.21653	0.321105	1.40225	1.40225	8.89758	15.3273	1.53123	1
cg03160815	0.315356	0.836291	-1.19576	0.000535021	0.395382	-2.5292	0.00146253	0.453273	-2.20618	0.0909658	0.725686	-1.37801	8.12421	3.81557	0.41747	1
cg23186643	0.412659	1.15397	1.15397	0.0600886	1.43711	1.43711	0.0856774	1.38374	1.38374	0.0252249	1.57622	1.57622	4.38032	2.02815	0.411567	1
cg26205771	0.0380666	0.406521	-2.4599	0.731604	1.13757	1.13757	9.01E-06	36.5739	36.5739	0.785188	1.10769	1.10769	24.2413	53.8048	1.97294	1
cg01559663	0.373417	0.659218	-1.51695	0.937017	1.0367	1.0367	6.03E-05	29.3863	29.3863	0.000580713	11.3201	11.3201	10.854	35.7525	2.92795	1
cg15531403	0.883096	0.964328	-1.03699	0.069325	0.605557	-1.65137	0.000164769	4.88194	4.88194	0.631073	1.12687	1.12687	8.63848	8.3378	0.857949	1
cg07629017	0.553659	0.851477	-1.17443	0.136281	0.65001	-1.53844	0.000144773	5.7902	5.7902	0.748181	1.09028	1.09028	6.68271	7.62197	1.01382	1
cg21001487	0.664916	0.907021	-1.10251	0.269872	0.773142	-1.29342	0.000226417	3.94722	3.94722	0.896635	1.02953	1.02953	6.26072	4.97254	0.705994	1
cg07770968	0.702918	1.29901	1.29901	0.237601	0.429714	-2.32713	0.000171108	78.3233	78.3233	0.299663	2.08301	2.08301	5.96438	44.028	6.56163	1
cg02640612	0.911888	1.01269	1.01269	0.0286737	0.745175	-1.34197	0.00101819	1.74235	1.74235	0.941051	0.991607	-1.00846	4.59271	0.944648	0.182831	1
cg06528306	0.33552	0.663164	-1.50792	0.421963	0.712298	-1.40391	0.000950937	7.66848	7.66848	0.50087	1.32654	1.32654	3.90155	10.5696	2.40807	1
cg04137594	0.943342	1.01143	1.01143	0.0411595	1.45731	1.45731	0.251757	0.825821	-1.21092	0.472639	0.88979	-1.12386	8.79423	3.55894	0.359725	1
cg21628553	0.40811	0.777686	-1.28587	0.795435	1.08026	1.08026	0.277157	1.39914	1.39914	0.0292422	0.466113	-2.1454	7.96742	11.1425	1.24312	1
cg22681279	0.430831	1.16916	1.16916	0.0542536	1.52893	1.52893	0.0723014	1.47674	1.47674	0.0339698	0.618095	-1.61787	7.83272	4.68647	0.531839	1
cg12462720	0.0807682	1.75218	1.75218	0.890464	1.04071	1.04071	0.00131254	3.87485	3.87485	0.346308	0.755113	-1.32431	5.03688	6.69141	1.18087	1
cg06830800	0.515834	0.845683	-1.18248	0.000462633	0.246203	-4.06168	0.682766	1.11019	1.11019	0.034028	0.532894	-1.87655	10.316	10.5735	0.911085	1
cg17926289	0.00643065	1.63576	1.63576	0.00817948	0.625084	-1.59979	0.581211	1.08043	1.08043	0.577188	1.08134	1.08134	9.07767	2.77153	0.271389	1
cg19385725	0.173401	0.876241	-1.14124	0.00057983	0.615446	-1.62484	0.179105	0.877948	-1.13902	0.0281198	1.26683	1.26683	5.46447	0.719918	0.117107	1
cg12709880	0.733285	0.877748	-1.13928	0.0196142	0.341316	-2.92983	0.175229	1.73255	1.73255	0.097875	0.500437	-1.99825	4.78058	11.004	2.04606	1
cg21243631	0.328393	0.671882	-1.48836	0.103788	0.495972	-2.01624	0.0474537	2.44457	2.44457	0.149529	0.543808	-1.83888	3.47407	8.55024	2.1877	1
cg27179512	0.00118939	0.255644	-3.9117	0.293488	0.731415	-1.36721	0.754081	1.09439	1.09439	0.692586	0.892211	-1.12081	3.94931	5.15298	1.1598	1
cg03086893	6.44E-06	0.164446	-6.08102	0.0808653	0.706456	-1.41552	0.0607657	0.684219	-1.46152	0.011037	0.564243	-1.77229	28.75	14.6731	0.453661	1
cg02004747	0.00229504	1.28146	1.28146	0.000759411	1.34577	1.34577	0.0336745	0.865583	-1.15529	0.0199076	0.849143	-1.17766	16.0155	0.858847	0.0476675	1
cg05358848	0.00187909	0.289982	-3.44849	0.0083636	0.388199	-2.576	0.099241	0.602001	-1.66113	0.127504	0.629526	-1.5885	11.4559	14.3087	1.11025	1
cg08399858	0.000660201	0.212817	-4.69886	0.00629734	0.348004	-2.87353	0.695872	0.890003	-1.12359	0.00852941	0.36948	-2.70651	9.63381	13.4256	1.23875	1
cg26540410	0.288069	0.860465	-1.16216	0.0027137	1.75819	1.75819	0.00887841	0.635245	-1.5742	0.652009	0.940018	-1.06381	8.66912	2.54902	0.261364	1
cg26390609	0.0919885	0.609115	-1.64173	0.73411	0.912911	-1.0954	0.763297	1.08407	1.08407	0.238552	0.718984	-1.39085	4.40478	4.98289	1.00555	1
cg14477619	0.0276192	1.46265	1.46265	0.00086071	2.14093	2.14093	0.186993	1.22218	1.22218	0.707964	1.05499	1.05499	20.4943	5.70839	0.243719	1
cg21915100	0.0550263	0.405997	-2.46307	0.00102065	0.132932	-7.52263	0.4071	0.703725	-1.42101	0.0978149	0.471168	-2.12238	6.14965	16.7201	2.41677	1
cg08050006	0.384114	0.72309	-1.38295	0.00796496	0.290577	-3.44143	0.059996	0.462601	-2.16169	0.235828	0.63677	-1.57043	3.56465	7.45189	1.85822	1
cg11740921	0.137481	0.282354	-3.54166	0.0152359	0.0947862	-10.5501	0.0414569	0.155829	-6.41728	0.0560228	0.180655	-5.53541	3.41938	33.8484	8.7991	1
cg13634296	0.0519811	0.718733	-1.39134	0.771263	1.04451	1.04451	0.111564	0.771912	-1.29548	0.00885313	1.64498	1.64498	7.53241	2.66197	0.314135	1
cg06868247	0.158739	0.783259	-1.27672	0.00020561	0.364781	-2.74137	0.107194	0.751893	-1.32998	0.716287	1.06098	1.06098	6.49148	2.70378	0.370233	1
cg16467105	0.841959	0.969473	-1.03149	0.127283	0.774067	-1.29188	0.0528129	1.40751	1.40751	0.31368	1.17566	1.17566	5.69002	2.17343	0.339531	1
cg16374328	0.00348468	1.51801	1.51801	0.474203	0.926231	-1.07964	0.334291	1.11054	1.11054	0.3198	0.89741	-1.11432	4.48622	0.78765	0.156063	1
cg06291595	0.716053	0.940601	-1.06315	0.00401955	1.91147	1.91147	0.0195567	1.60478	1.60478	0.561539	1.10341	1.10341	3.94405	1.75534	0.39561	1
cg26195881	0.0875194	2.95747	2.95747	0.326385	0.558503	-1.7905	0.259002	1.96794	1.96794	0.585533	1.37239	1.37239	3.77313	19.7487	4.65247	1
cg12611723	0.0796592	0.689535	-1.45025	0.635992	0.912911	-1.0954	0.610162	1.10326	1.10326	0.00923035	1.88049	1.88049	6.25275	3.6168	0.514163	1
cg14190761	0.659283	0.865991	-1.15475	0.00339213	0.274816	-3.6388	0.908346	0.963343	-1.03805	0.67642	0.872751	-1.1458	4.85359	8.08302	1.48033	1
cg01034726	0.631178	0.892437	-1.12053	0.0166972	0.502873	-1.98857	0.148355	0.694363	-1.44017	0.0302786	0.54923	-1.82073	4.05359	3.55359	0.779247	1
cg01371631	0.563846	1.058	1.058	5.12E-05	2.08099	2.08099	0.635261	0.95488	-1.04725	0.000430232	0.583764	-1.71302	19.415	2.87076	0.131434	1
cg11073931	0.300847	1.11031	1.11031	8.36E-06	2.58038	2.58038	0.207545	1.13851	1.13851	0.933419	0.991877	-1.00819	18.0592	2.72495	0.134124	1
cg06548214	0.129002	0.700444	-1.42767	0.000385837	3.41825	3.41825	0.450186	1.18175	1.18175	0.117105	0.691111	-1.44694	12.8808	9.60953	0.663144	1
cg20022869	0.265776	1.62436	1.62436	0.00284794	5.57373	5.57373	0.800862	1.11152	1.11152	0.363236	1.47831	1.47831	5.69499	15.7844	2.46368	1
cg10073706	0.288747	0.504051	-1.98393	0.000567073	27.7193	27.7193	0.255412	0.47778	-2.09302	0.0570687	3.81632	3.81632	5.65436	34.6545	5.44784	1
cg00406338	0.0860871	1.59304	1.59304	0.00188224	2.95055	2.95055	0.938317	0.981178	-1.01918	0.796045	1.06566	1.06566	5.12602	4.89381	0.848621	1
cg27274542	0.232198	2.27455	2.27455	0.000468326	36.8522	36.8522	0.119264	3.03092	3.03092	0.024717	5.77686	5.77686	4.6218	31.4895	6.05623	1
cg17086141	0.0668097	0.376146	-2.65854	0.000382366	0.0673156	-14.8554	0.137769	0.467447	-2.13928	0.0266697	0.286597	-3.48922	7.60823	27.2813	3.18735	1
cg27109284	0.00460783	0.163511	-6.11581	0.00109361	0.0989303	-10.1081	0.00999179	0.20968	-4.76918	0.0259234	0.28086	-3.56049	6.00198	21.926	3.24722	1
cg15039415	0.00914298	0.553527	-1.8066	0.523762	0.890989	-1.12235	0.124565	1.34589	1.34589	0.864284	1.03103	1.03103	5.54109	2.80056	0.449259	1
cg26462239	0.73522	1.05919	1.05919	0.00424806	1.91209	1.91209	0.311072	0.837331	-1.19427	0.271459	0.823716	-1.21401	5.15663	2.3435	0.403968	1
cg17364672	0.000346599	3.2667	3.2667	4.14E-05	4.98601	4.98601	8.51E-05	4.27322	4.27322	0.00657071	2.06687	2.06687	20.7747	13.9196	0.59558	1
cg13585930	0.257334	0.733107	-1.36406	0.00428109	0.366571	-2.72798	0.239439	0.723587	-1.382	0.000269966	0.208266	-4.80156	14.2207	15.5349	0.971036	1
cg00950971	0.0192636	1.76048	1.76048	3.13E-05	5.06385	5.06385	0.00405633	2.16157	2.16157	0.0837589	1.46569	1.46569	10.6691	6.74391	0.561866	1
cg06466222	0.0454093	0.705353	-1.41773	0.649679	0.932811	-1.07203	0.0518318	0.71422	-1.40013	0.00570744	0.576182	-1.73556	8.71163	3.19208	0.325703	1
ch.10.1486890F	0.291022	0.635253	-1.57418	0.0089076	0.252056	-3.96737	0.0624451	0.419642	-2.38299	0.178161	0.552974	-1.8084	3.67139	9.97085	2.41407	1
cg15867728	0.000609872	0.328653	-3.04273	0.000530942	0.320854	-3.11668	0.000241124	3.59673	3.59673	0.0739938	0.657314	-1.52134	17.1592	12.0669	0.625092	1
cg20289913	0.0492438	0.243368	-4.109	3.44E-05	0.00643014	-155.518	0.0145293	6.65603	6.65603	0.0344846	0.211701	-4.72364	13.7081	86.0629	5.58068	1
cg04008252	0.0600479	0.248513	-4.02394	3.03E-05	0.00473342	-211.264	0.00941038	8.67594	8.67594	0.0246225	0.172632	-5.79266	13.0028	88.7079	6.06419	1
cg10698419	0.120135	1.40395	1.40395	0.357247	1.2099	1.2099	0.664898	0.916032	-1.09166	0.0104819	1.91227	1.91227	12.5051	8.02074	0.57013	1
cg08414965	0.196995	0.682597	-1.46499	0.0491091	0.533208	-1.87544	0.162819	0.658963	-1.51754	0.103193	0.607126	-1.64711	7.57277	9.4	1.10337	1
cg21266330	0.102172	0.474609	-2.107	0.00284323	0.18058	-5.53771	0.00677494	4.31514	4.31514	0.164096	0.538706	-1.8563	5.54687	15.2493	2.44371	1
cg03017946	0.319515	0.664816	-1.50418	0.159173	0.550397	-1.81687	0.0198298	3.05338	3.05338	0.427089	1.37961	1.37961	3.93099	9.80517	2.21718	1
cg02192673	0.18309	1.71445	1.71445	0.00131796	0.168037	-5.95108	0.00235381	5.0505	5.0505	0.0437918	0.412978	-2.42144	10.5809	24.405	2.05024	1
cg26656113	0.111419	0.549297	-1.82051	0.00292022	0.243434	-4.10788	0.00345072	3.94393	3.94393	0.0630987	0.485621	-2.05922	7.03163	13.296	1.68078	1
cg16084416	0.000259912	0.275113	-3.63487	0.0043821	0.441569	-2.26465	0.32445	1.24433	1.24433	0.0596411	0.633424	-1.57872	31.3963	22.9474	0.649685	1
cg14992771	0.00242796	0.391741	-2.55271	0.518198	0.864655	-1.15653	0.265864	0.773063	-1.29356	0.0226325	0.545562	-1.83297	16.8406	13.1456	0.693858	1
cg24923953	0.0606191	0.153306	-6.52291	0.00685057	0.0448475	-22.2978	0.0722839	0.168946	-5.91906	0.0984297	0.200564	-4.98595	3.89881	48.5267	11.0636	1
cg17996603	0.0247761	0.760344	-1.31519	5.67E-06	0.350393	-2.85394	0.0715911	0.813627	-1.22906	2.57E-05	0.425255	-2.35153	30.4	5.06029	0.147961	1
cg04079176	0.108761	0.883931	-1.13131	0.00190743	0.733344	-1.36362	0.0516663	0.855381	-1.16907	0.00150545	0.724297	-1.38065	9.98696	0.786864	0.0700348	1
cg22304555	0.021824	0.550058	-1.81799	0.00197489	0.38697	-2.58418	0.379309	0.822113	-1.21638	0.357681	0.814298	-1.22805	5.89053	4.4002	0.663997	1
cg03893339	0.0504439	0.482628	-2.07199	0.00378881	0.279085	-3.58314	0.643734	1.16436	1.16436	0.0017841	0.233895	-4.27542	7.0745	11.9623	1.50302	1
cg21574574	0.0555715	0.627995	-1.59237	0.040456	0.601998	-1.66113	0.846113	0.959189	-1.04255	0.0675165	0.644514	-1.55156	4.51027	3.28487	0.647386	1
cg15688370	7.83E-05	0.435723	-2.29504	0.00946393	1.46572	1.46572	0.325706	0.888699	-1.12524	0.0864491	1.24636	1.24636	15.9241	3.40996	0.190346	1
cg24015850	0.597148	1.07672	1.07672	0.00209687	0.548943	-1.82168	0.562931	0.922143	-1.08443	0.299052	0.861429	-1.16086	4.48615	1.3646	0.270382	1
cg07186168	0.000647157	0.738467	-1.35416	0.000169227	1.44875	1.44875	0.000118316	1.47751	1.47751	5.82E-06	0.553962	-1.80518	87.6964	4.66298	0.0472639	1
cg09231416	2.02E-07	0.272851	-3.665	0.000701317	1.52918	1.52918	0.199802	1.11777	1.11777	0.000295669	0.616046	-1.62325	56.5887	6.05495	0.0951105	1
cg12904950	0.722846	0.964587	-1.03671	0.109893	0.838246	-1.19297	0.000557186	0.581479	-1.71975	0.000305393	0.552188	-1.81098	29.5031	4.79013	0.14432	1
cg00000957	0.261135	0.920539	-1.08632	8.13E-05	1.65214	1.65214	0.000535002	0.68339	-1.46329	0.894032	1.00946	1.00946	28.1993	2.22919	0.0702677	1
cg14260998	5.84E-06	0.154109	-6.48891	0.000125509	0.293382	-3.40853	0.469663	1.14457	1.14457	0.000350033	0.348211	-2.87182	26.9289	14.3719	0.474397	1
cg15893285	0.00464497	0.731751	-1.36658	0.0100108	1.30959	1.30959	0.0513415	0.831904	-1.20206	0.0751851	0.848444	-1.17863	24.9996	2.72442	0.09687	1
cg09247779	0.000166212	0.393641	-2.54038	0.000103261	0.368457	-2.71402	0.393692	0.880747	-1.1354	0.00366409	0.56491	-1.77019	15.8694	5.30937	0.297394	1
cg26003933	0.00209902	0.12761	-7.8364	0.000650095	0.083088	-12.0354	0.181753	0.509439	-1.96294	0.0854167	0.404654	-2.47125	15.5991	55.9301	3.18708	1
cg00385956	0.0937166	0.738217	-1.35461	0.00211952	2.03671	2.03671	0.160254	0.781115	-1.28022	0.730828	0.944721	-1.05851	15.5365	6.67193	0.381721	1
cg25035489	0.00338276	0.400234	-2.49854	0.0284365	0.551973	-1.81168	0.964257	1.01035	1.01035	0.0246587	0.540766	-1.84923	14.5748	12.1874	0.743284	1
cg06616755	0.086191	0.655959	-1.52449	0.0505943	0.609279	-1.64128	0.103988	1.48494	1.48494	0.0954418	1.50292	1.50292	13.7126	10.7434	0.696415	1
cg02103362	0.337101	0.769319	-1.29985	0.00376603	0.354826	-2.81829	0.167014	1.47754	1.47754	0.133945	0.651609	-1.53466	13.4479	14.9556	0.988545	1
cg03607993	0.0785328	0.740205	-1.35098	0.0237764	1.515	1.515	0.206497	0.814548	-1.22768	0.0344063	0.683967	-1.46206	13.4163	5.03595	0.333653	1
cg15550953	0.00685629	0.468227	-2.13572	0.715847	1.08245	1.08245	0.674387	1.0959	1.0959	0.733388	0.928584	-1.07691	12.5752	9.35362	0.661167	1
cg17490283	0.242802	0.772897	-1.29383	0.000173825	0.261025	-3.83105	0.951112	1.01301	1.01301	0.827333	0.955004	-1.04712	11.927	8.3905	0.625321	1
cg06173758	0.0652807	0.501645	-1.99344	0.00647636	0.307279	-3.25437	0.0181801	0.384415	-2.60136	0.0258456	0.413908	-2.416	10.7709	18.9587	1.5646	1
cg05927645	0.00721733	0.273223	-3.66001	0.000231659	0.101606	-9.84197	0.922201	0.964105	-1.03723	0.0107486	0.301376	-3.31812	10.6576	23.637	1.97143	1
cg11798758	0.0104551	0.235878	-4.23948	0.0015795	0.130901	-7.63936	0.00154982	0.13007	-7.68815	0.250121	0.583567	-1.7136	10.0998	32.1253	2.82738	1
cg06981887	0.196965	1.22305	1.22305	0.00520813	0.580299	-1.72325	0.099113	0.765769	-1.30588	0.826718	1.03289	1.03289	9.78176	3.37555	0.306743	1
cg20383686	0.000931251	0.650498	-1.53728	0.000183157	0.576761	-1.73382	0.785453	1.02403	1.02403	0.0449651	1.22167	1.22167	9.41928	1.12951	0.106591	1
cg15604190	0.610502	0.876466	-1.14095	0.130639	0.657701	-1.52045	0.2434	0.731021	-1.36795	0.59539	1.14749	1.14749	9.25119	9.65355	0.927549	1
cg01074955	0.460053	0.829318	-1.20581	0.00102082	3.3595	3.3595	0.0334374	1.85586	1.85586	0.968631	1.00983	1.00983	8.85052	8.6782	0.871583	1
cg20810082	0.69947	0.948219	-1.05461	0.0272423	1.4307	1.4307	0.0678153	0.75549	-1.32364	0.996593	0.999415	-1.00059	8.11215	2.4138	0.264492	1
cg09259053	0.629426	0.86857	-1.15132	0.25434	0.708265	-1.4119	0.223371	0.690213	-1.44883	0.0180918	0.435187	-2.29786	8.03109	10.6825	1.18235	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09136597	NPHP4	0.00465944	0.0280307	0.443184	-2.2564	0.0259279	0.436452	-2.2912	0.00116398	0.224183	-4.46064	0.00284518	0.275818	-3.62558	0.00129826	0.230133	-4.34532
cg25320798	NPHP4	0.00563361	0.0755983	0.563469	-1.77472	0.67397	1.13057	1.13057	0.00113335	0.249321	-4.0109	0.0239606	0.457852	-2.18411	0.00300678	0.307293	-3.25422
cg07829001	NPHP4	0.00665935	0.178667	1.26496	1.26496	0.68732	1.06883	1.06883	0.0511539	0.693961	-1.441	0.0697173	0.716289	-1.39608	0.101433	1.34314	1.34314
cg17750254	NPHP4	0.00724606	0.266876	0.549872	-1.8186	0.00187768	0.102343	-9.77109	0.00172892	0.0991623	-10.0845	0.177783	0.476911	-2.09683	0.00883306	0.178441	-5.6041
cg13355874	NPHP4	0.0189698	0.0656139	0.252884	-3.95438	0.00416336	0.0776596	-12.8767	0.0819776	0.277381	-3.60515	0.557096	0.673588	-1.48459	0.00325985	0.0693169	-14.4265
cg05962033	NPHP4	0.0208351	0.0736378	0.429992	-2.32563	0.0537093	0.395704	-2.52714	0.00385462	0.192449	-5.19619	0.0309967	0.342417	-2.92042	0.00463482	0.203107	-4.92351
cg15324288	NPHP4	0.0269443	0.382458	0.848645	-1.17835	0.024904	0.613183	-1.63084	0.19374	0.777279	-1.28654	0.701836	0.931944	-1.07303	0.00248856	0.462915	-2.16022
cg27575607	NPHP4	0.0278997	0.045393	0.734981	-1.36058	0.164919	0.819752	-1.21988	0.0075218	0.630354	-1.58641	0.104254	1.26906	1.26906	0.570631	0.92599	-1.07993
cg16430402	NPHP4	0.0294763	0.73662	1.12444	1.12444	0.0330097	2.37796	2.37796	0.116534	0.552926	-1.80856	0.574712	0.821204	-1.21772	0.181078	1.63781	1.63781
cg17138037	NPHP4	0.0315888	0.0332996	0.298678	-3.34809	0.0611093	0.358753	-2.78744	0.062445	0.361104	-2.76929	0.0217868	0.26252	-3.80923	0.00383445	0.150588	-6.64064
cg16258229	NPHP4	0.0343403	0.463959	0.655614	-1.52529	0.000793677	0.0566636	-17.648	0.41314	0.62258	-1.60622	0.726639	1.21993	1.21993	0.161009	0.428287	-2.33488
cg24927323	NPHP4	0.0345364	0.877599	0.91798	-1.08935	0.00876239	0.15662	-6.38488	0.141183	0.415328	-2.40773	0.500321	1.46211	1.46211	0.0105959	0.167816	-5.95892
cg26661089	NPHP4	0.0358614	0.324597	1.1766	1.1766	0.00246601	0.510145	-1.96023	0.161202	1.27026	1.27026	0.421722	0.877034	-1.14021	0.98309	0.996617	-1.00339
cg10639277	NPHP4	0.0361747	0.798431	1.05813	1.05813	0.0679786	1.57038	1.57038	0.0539347	1.62107	1.62107	0.451856	1.18439	1.18439	0.00265293	0.399338	-2.50414
cg11226336	NPHP4	0.0396769	0.0903285	0.812986	-1.23003	0.0920888	0.814081	-1.22838	0.105211	0.821704	-1.21698	0.508851	0.928353	-1.07718	0.442683	0.916833	-1.09071
cg22399023	NPHP4	0.0416375	0.131905	0.395834	-2.52631	0.0890039	0.343375	-2.91227	0.0819426	0.333382	-2.99956	0.629345	1.31938	1.31938	0.0215562	0.207432	-4.82085
cg15483030	NPHP4	0.0460311	0.728704	0.957325	-1.04458	0.142585	1.21823	1.21823	0.369578	1.12234	1.12234	0.0487482	1.32567	1.32567	0.72355	1.04549	1.04549
cg05463119	NPHP4	0.0495508	0.968752	0.991586	-1.00849	0.559778	1.13565	1.13565	0.101724	0.679465	-1.47175	0.190569	0.74157	-1.34849	0.0038846	0.432238	-2.31354
cg22487414	NPHS1	2.71E-05	0.00423663	0.542	-1.84502	0.000898534	2.21475	2.21475	0.00107335	0.461659	-2.1661	0.505174	0.897468	-1.11425	0.726281	0.945322	-1.05784
cg04687310	NPHS1	2.91E-05	0.00102889	0.299967	-3.33371	0.0172699	0.487736	-2.05029	0.000272903	0.228445	-4.37742	0.000123143	0.190482	-5.24984	5.38E-05	0.154955	-6.45347
cg19060383	NPHS1	3.89E-05	0.000634499	0.615362	-1.62506	6.35E-06	0.393686	-2.54009	0.0473962	1.23348	1.23348	0.0135238	0.753691	-1.3268	0.173304	0.874555	-1.14344
cg09510559	NPHS1	0.00166291	0.849889	1.09476	1.09476	0.645869	1.24744	1.24744	0.449576	0.691988	-1.44511	0.894326	0.938468	-1.06557	0.266756	0.575275	-1.7383
cg19498228	NPHS1	0.00201759	0.00167443	0.164189	-6.09053	0.00398376	0.210892	-4.74176	0.247526	0.615012	-1.62599	0.00829003	0.257406	-3.88492	0.00107157	0.143274	-6.97964
cg25537669	NPHS1	0.00389103	0.210117	0.761709	-1.31284	0.0218069	1.76355	1.76355	0.876768	0.968525	-1.0325	0.0585062	0.643701	-1.55352	0.0181893	1.80572	1.80572
cg21459969	NPHS1	0.00601903	0.0273542	0.349069	-2.86477	0.0331348	0.366327	-2.7298	0.0831494	0.461431	-2.16717	0.111641	0.4973	-2.01086	0.147146	0.534076	-1.87239
cg19519626	NPHS1	0.00661976	0.665796	0.859597	-1.16334	0.00532426	0.278496	-3.59072	0.0398933	0.437373	-2.28638	0.53185	1.24666	1.24666	0.0314539	0.415415	-2.40723
cg11214555	NPHS1	0.00885294	0.803681	1.0447	1.0447	0.0102849	1.76422	1.76422	0.233155	1.24541	1.24541	0.799507	1.04569	1.04569	0.441463	1.14774	1.14774
cg14327228	NPHS1	0.0164702	0.27902	0.720002	-1.38888	0.0774417	0.563898	-1.77337	0.380523	0.769097	-1.30023	0.934813	0.976407	-1.02416	0.22936	0.692021	-1.44504
cg01186457	NPHS1	0.0235522	0.0446662	0.6444	-1.55183	0.175197	1.31633	1.31633	0.938312	1.01486	1.01486	0.630812	0.911823	-1.0967	0.506919	1.13696	1.13696
cg04941018	NPHS1;NPHS1	0.0045513	0.00693979	0.334217	-2.99207	0.112678	0.581734	-1.719	0.0813848	0.5455	-1.83318	0.037227	0.468275	-2.1355	0.00556313	0.318983	-3.13497
cg11379972	NPHS2	0.00195666	0.474001	1.10977	1.10977	0.100289	1.29373	1.29373	0.973198	0.995206	-1.00482	0.731158	1.05057	1.05057	0.00370202	0.570658	-1.75236
cg24483554	NPHS2	0.0186703	0.149436	1.34223	1.34223	0.0298054	1.62724	1.62724	0.647037	0.915953	-1.09176	0.560451	1.11862	1.11862	0.306894	1.22315	1.22315
cg23045073	NPHS2	0.0318776	0.231149	0.649496	-1.53966	0.00175656	4.62622	4.62622	0.668241	1.15967	1.15967	0.715101	0.881652	-1.13423	0.218061	0.640711	-1.56077
cg26803289	NPL	0.0155234	0.00164916	0.117064	-8.54233	0.0572105	0.359014	-2.78541	0.0251222	0.281285	-3.55511	0.0105375	0.216044	-4.62868	0.00835883	0.200978	-4.97568
cg05625543	NPL	0.0338245	0.0884373	0.368579	-2.71312	0.00183103	0.0952854	-10.4948	0.161142	0.451721	-2.21375	0.385776	0.623673	-1.6034	0.00783838	0.163336	-6.12235
cg10954938	NPLOC4	0.000531742	0.117678	0.727106	-1.37532	0.0361681	0.633225	-1.57922	0.0961265	0.709846	-1.40876	0.340751	1.20217	1.20217	0.00018371	0.305539	-3.2729
cg08963712	NPLOC4	0.00294804	0.692623	0.911748	-1.09679	0.0493887	0.593614	-1.6846	0.609754	1.12717	1.12717	0.0356878	0.566391	-1.76557	0.759758	0.931159	-1.07393
cg11663953	NPLOC4	0.0039298	0.506386	0.898809	-1.11258	0.00145666	2.07008	2.07008	0.0148542	1.60667	1.60667	0.411425	0.875548	-1.14214	0.352567	1.16343	1.16343
cg14761989	NPLOC4	0.00671213	0.0326893	0.719049	-1.39073	0.212635	0.84094	-1.18915	0.000645895	0.501206	-1.99519	0.0418528	0.733786	-1.3628	0.00728694	0.633356	-1.57889
cg12392998	NPLOC4	0.00725648	0.0112211	0.383036	-2.61072	0.114894	0.595822	-1.67835	0.0160568	0.410645	-2.4352	0.212226	0.67242	-1.48717	0.0162918	0.411795	-2.42839
cg09310777	NPLOC4	0.0177391	0.00374342	0.635862	-1.57267	0.474242	0.919264	-1.08783	0.236258	0.866271	-1.15437	0.0342233	0.751423	-1.33081	0.172614	1.18282	1.18282
cg09509943	NPLOC4	0.0243349	0.984423	1.00624	1.00624	0.0865236	1.82796	1.82796	0.312222	1.39521	1.39521	0.00161174	0.236776	-4.2234	0.0127018	0.372825	-2.68222
cg15106136	NPLOC4	0.0288776	0.825786	1.03701	1.03701	0.157386	0.77939	-1.28305	0.22385	1.23448	1.23448	0.767125	0.952225	-1.05017	0.0723406	0.718512	-1.39177
cg18240062	NPLOC4	0.0350805	0.286713	0.835313	-1.19716	0.910477	1.01846	1.01846	0.486933	1.12175	1.12175	0.00297027	0.515217	-1.94093	0.772392	0.95392	-1.04831
cg19589680	NPLOC4	0.0415447	0.478406	0.802553	-1.24602	0.0270654	2.22278	2.22278	0.401272	1.29979	1.29979	0.946006	0.979541	-1.02089	0.137319	0.613592	-1.62975
cg07715277	NPLOC4	0.0419266	0.745273	0.966668	-1.03448	0.785753	1.02874	1.02874	0.170699	1.16382	1.16382	0.746608	1.03429	1.03429	0.843922	1.02071	1.02071
cg08039322	NPLOC4;NPLOC4	0.020238	0.825391	0.960313	-1.04133	0.837112	1.03845	1.03845	0.179217	1.29888	1.29888	0.533184	0.890764	-1.12263	0.0309339	0.628533	-1.59101
cg13019512	NPM1;NPM1	0.0449124	0.119904	0.485546	-2.05954	0.766804	0.880428	-1.13581	0.659825	0.827231	-1.20885	0.690668	0.842583	-1.18683	0.00610927	0.216002	-4.62958
cg02733385	NPM1;NPM1;NPM1	0.000217842	0.0385414	1.66246	1.66246	0.056353	0.632385	-1.58132	0.584512	0.88949	-1.12424	0.0520265	1.59804	1.59804	0.587444	0.890318	-1.12319
cg24179483	NPM1;NPM1;NPM1	0.00039252	0.0961272	1.69555	1.69555	0.270823	0.717998	-1.39276	0.0484967	1.91809	1.91809	0.8231	1.06684	1.06684	0.0274038	0.470476	-2.12551
cg17385847	NPM1;NPM1;NPM1	0.000563192	0.00189623	0.415277	-2.40803	0.0406771	1.60295	1.60295	0.000369426	3.12103	3.12103	0.0245805	0.585907	-1.70676	0.00291241	0.441834	-2.26329
cg14039952	NPM1;NPM1;NPM1	0.00506113	0.030194	0.605512	-1.65149	0.0793359	1.46723	1.46723	0.152963	1.35156	1.35156	0.325513	1.22119	1.22119	0.00215249	2.33515	2.33515
cg14722509	NPM1;NPM1;NPM1	0.00773941	0.330525	0.847383	-1.1801	0.00288424	1.96575	1.96575	0.00409207	1.88774	1.88774	0.112659	0.752153	-1.32952	0.50144	0.89357	-1.11911
cg13701509	NPM1;NPM1;NPM1	0.0217877	0.0210751	0.532581	-1.87765	0.00588776	0.441152	-2.26679	0.0669114	0.62723	-1.59431	0.702209	1.09116	1.09116	0.0814857	0.644997	-1.5504
cg06950873	NPM1;NPM1;NPM1	0.0225339	0.174236	1.20721	1.20721	0.0327499	1.38467	1.38467	0.310915	1.14636	1.14636	0.445336	1.10668	1.10668	0.780069	0.964187	-1.03714
cg02478379	NPM1;NPM1;NPM1	0.0292618	0.937651	0.927764	-1.07786	0.0352711	10.4845	10.4845	0.0701609	6.96028	6.96028	0.052649	8.25952	8.25952	0.919064	0.907183	-1.10231
cg10513437	NPM1;NPM1;NPM1	0.0357234	0.546428	0.568698	-1.7584	0.0927431	5.53184	5.53184	0.0333776	9.96471	9.96471	0.0552923	7.45584	7.45584	0.363594	0.42173	-2.37118
cg00016156	NPM1;NPM1;NPM1	0.0477558	0.0255275	0.509286	-1.96353	0.836842	0.948921	-1.05383	0.422704	1.23148	1.23148	0.632759	0.88479	-1.13021	0.76837	1.07798	1.07798
cg19745314	NPM1;NPM1;NPM1;NPM1;NPM1;NPM1	0.00488476	?	?	?	0.250119	0.801541	-1.2476	0.00638095	0.520298	-1.92198	0.0170397	1.70819	1.70819	0.0670451	1.45913	1.45913
cg14374799	NPM2	0.0129704	0.0235062	7.51836	7.51836	0.00958019	11.54	11.54	0.0149756	9.30329	9.30329	0.0715668	4.48283	4.48283	0.0119045	10.3857	10.3857
cg07485417	NPM2	0.0160224	0.0231417	8.35019	8.35019	0.0268626	7.76151	7.76151	0.0755829	4.69245	4.69245	0.0667369	4.9859	4.9859	0.0193285	9.12524	9.12524
cg08781728	NPM2	0.0297984	0.0279445	21.0895	21.0895	0.0958144	8.56265	8.56265	0.0792855	9.84418	9.84418	0.105913	7.94978	7.94978	0.0607077	11.9679	11.9679
cg05901193	NPM3	1.12E-05	8.59E-05	0.476129	-2.10027	6.07E-06	0.344135	-2.90583	0.0271319	1.31688	1.31688	0.000296112	1.85915	1.85915	0.000709566	0.581103	-1.72087
cg14461522	NPM3	0.00379523	0.00120978	0.267069	-3.74436	0.0678518	0.599886	-1.66698	?	?	?	0.00142687	0.278388	-3.59211	?	?	?
cg00766678	NPM3	0.00710307	0.87842	0.961615	-1.03992	0.23271	1.3771	1.3771	0.0170941	0.475556	-2.1028	0.155145	0.677738	-1.4755	?	?	?
cg06623385	NPM3	0.0128265	0.537594	0.903462	-1.10685	0.297138	0.838785	-1.1922	0.00172307	2.06967	2.06967	0.414994	0.873265	-1.14513	0.411374	0.872304	-1.14639
cg24166097	NPM3	0.0235567	0.0601488	0.403436	-2.4787	0.0285115	3.02381	3.02381	0.322512	1.54885	1.54885	0.190331	0.552244	-1.81079	0.489893	0.740609	-1.35024
cg16813552	NPM3;MGEA5;MGEA5	0.00297733	0.995298	1.00127	1.00127	0.005154	2.21484	2.21484	0.042028	1.65591	1.65591	0.872855	1.03508	1.03508	0.48591	1.16465	1.16465
cg00093890	NPNT	0.000665919	0.187974	1.42861	1.42861	0.131853	1.51563	1.51563	0.540487	0.853488	-1.17166	0.684367	1.11015	1.11015	0.226348	1.38373	1.38373
cg01852585	NPNT	0.000919394	0.158547	1.37891	1.37891	0.00631728	2.1342	2.1342	0.720948	1.07946	1.07946	0.780593	1.06133	1.06133	0.666775	0.911793	-1.09674
cg19703969	NPNT	0.00180983	0.783731	0.942444	-1.06107	0.276957	0.783775	-1.27588	0.00042435	3.32938	3.32938	0.771756	1.06468	1.06468	0.23513	1.30749	1.30749
cg22738800	NPNT	0.00489687	0.00127778	0.0686008	-14.5771	0.0784116	0.327846	-3.05021	0.00303326	0.0985519	-10.1469	0.0116206	0.165396	-6.0461	0.00185478	0.0804571	-12.429
cg23198559	NPNT	0.0158782	0.583842	1.29853	1.29853	0.00663949	5.27841	5.27841	0.0156616	4.05135	4.05135	0.280991	0.589101	-1.6975	0.360619	1.55864	1.55864
cg24869535	NPNT	0.0381455	0.00449167	0.5383	-1.8577	0.0482851	0.691447	-1.44624	0.478988	0.88899	-1.12487	0.285753	1.19873	1.19873	0.124929	0.762183	-1.31202
cg20032809	NPNT	0.0411029	0.226022	0.80459	-1.24287	0.0287689	1.55435	1.55435	0.875221	1.02724	1.02724	0.0703266	0.707532	-1.41336	0.7984	0.957171	-1.04474
cg05396397	NPPA	0.000426023	0.00538084	0.475101	-2.10482	2.81E-05	0.18765	-5.32908	0.00791371	0.500721	-1.99712	0.499855	0.870149	-1.14923	0.00289189	0.435248	-2.29754
cg06584407	NPPA	0.00152566	0.00328858	0.714439	-1.3997	0.00115198	0.669624	-1.49337	0.248847	0.903752	-1.1065	0.032129	0.809987	-1.23459	0.00222955	0.697958	-1.43275
cg20202438	NPPA	0.0229572	0.0538625	0.518606	-1.92825	0.0027416	0.289344	-3.45609	0.0203254	0.432105	-2.31425	0.685906	0.885181	-1.12971	0.11627	0.599289	-1.66864
cg25341925	NPPA	0.0325392	0.0323151	0.223679	-4.47069	0.00324834	0.0908865	-11.0027	0.0377257	0.236937	-4.22052	0.499957	0.664239	-1.50548	0.138612	0.385751	-2.59234
cg14194983	NPPA	0.0472615	0.0414837	0.278004	-3.59707	0.011999	0.181534	-5.50862	0.0694544	0.330969	-3.02143	0.30445	0.560414	-1.78439	0.0496558	0.295431	-3.38488
cg07585427	NPPB	0.000302105	0.000372883	0.132821	-7.52894	0.000124458	0.0899257	-11.1203	0.0100161	0.330809	-3.02289	0.112844	0.563799	-1.77368	0.00121282	0.191337	-5.22638
cg19870933	NPPB	0.0010526	0.107487	0.776335	-1.2881	0.585973	1.08249	1.08249	0.0976248	0.769561	-1.29944	0.479506	1.10915	1.10915	0.834767	0.970346	-1.03056
cg13885623	NPPB	0.00550405	0.00343481	0.206984	-4.8313	0.0784843	0.460903	-2.16965	0.389865	0.705253	-1.41793	0.748778	0.880436	-1.1358	0.00198752	0.17717	-5.6443
cg15645220	NPPC	0.00678822	0.113574	0.857537	-1.16613	0.000909668	1.55703	1.55703	0.0158759	1.30172	1.30172	0.0102606	1.33483	1.33483	0.105178	1.17121	1.17121
cg23127249	NPPC	0.0291258	0.209173	0.827741	-1.20811	0.85791	0.97473	-1.02592	0.169622	1.23238	1.23238	0.74637	0.95471	-1.04744	0.36676	0.875971	-1.14159
cg19969873	NPPC	0.0438317	0.81272	1.02728	1.02728	0.344592	1.1167	1.1167	0.0794941	1.24695	1.24695	0.314804	0.888821	-1.12509	0.301983	1.12891	1.12891
cg15131647	NPR1	0.000331181	0.734427	0.953448	-1.04882	0.000164973	2.45716	2.45716	0.00544468	1.66849	1.66849	0.686518	1.05845	1.05845	0.000142026	2.50606	2.50606
cg19751545	NPR1	0.00133104	0.173339	1.20391	1.20391	4.17E-05	2.71762	2.71762	0.0261323	0.71316	-1.40221	0.947476	0.991597	-1.00847	0.243978	1.16899	1.16899
cg00500892	NPR1	0.00142943	0.915469	0.973046	-1.0277	0.00310844	2.83187	2.83187	0.619848	0.879243	-1.13734	0.62181	1.13651	1.13651	0.886356	0.963867	-1.03749
cg19518186	NPR1	0.00552475	0.102841	0.810182	-1.23429	0.144405	0.831166	-1.20313	0.702904	0.955808	-1.04624	0.275411	1.1432	1.1432	0.681069	0.952425	-1.04995
cg17886303	NPR1	0.0106906	0.930728	1.03353	1.03353	0.00257407	0.204846	-4.88173	0.0071597	0.267835	-3.73365	0.00237441	0.200375	-4.99065	0.00883975	0.282394	-3.54115
cg16654806	NPR1	0.0141364	0.985311	0.998543	-1.00146	0.618957	0.96107	-1.04051	0.661512	0.965709	-1.03551	0.861103	1.01397	1.01397	0.038435	1.2092	1.2092
cg16294045	NPR1	0.0261049	?	?	?	0.00571554	0.144836	-6.90438	0.0180443	0.250299	-3.99522	0.901133	0.953713	-1.04853	?	?	?
cg12604435	NPR1	0.0308399	0.457052	0.704492	-1.41946	0.0165615	0.258284	-3.8717	0.0811808	0.408963	-2.44521	0.855129	1.0882	1.0882	0.215956	0.547577	-1.82623
cg19760243	NPR1	0.0322627	0.0183731	0.437119	-2.28771	0.0535052	1.88573	1.88573	0.635971	0.871172	-1.14788	0.678841	1.12798	1.12798	0.00318351	0.311901	-3.20615
cg24054938	NPR1;NPR1	0.0127282	0.0237469	0.0738533	-13.5404	0.0365601	10.3299	10.3299	0.0362526	10.3842	10.3842	?	?	?	0.306634	0.368392	-2.7145
cg24194775	NPR2	0.00441315	0.201757	1.3664	1.3664	0.0388174	1.74024	1.74024	8.50E-05	5.13149	5.13149	0.0475736	1.69006	1.69006	0.652517	0.900354	-1.11067
cg12876594	NPR2	0.0354842	0.0256127	2.02653	2.02653	0.8404	1.05518	1.05518	0.00638588	2.5737	2.5737	0.135819	1.53443	1.53443	0.455153	0.816582	-1.22462
cg18418051	NPR3	5.03E-07	3.58E-08	0.0366364	-27.2953	0.000419172	0.391191	-2.5563	0.000235522	0.359527	-2.78144	7.75E-05	0.300952	-3.32279	9.72E-07	0.114814	-8.7097
cg09568216	NPR3	5.94E-06	2.86E-06	0.100206	-9.97944	0.0225537	0.570503	-1.75284	0.000731093	0.348247	-2.87152	0.000165972	0.267608	-3.73681	0.3606	1.21301	1.21301
cg22345692	NPR3	5.56E-05	0.00164537	2.00876	2.00876	0.00383077	1.82823	1.82823	0.215572	1.22353	1.22353	0.940962	1.01153	1.01153	0.619005	0.925345	-1.08068
cg05839235	NPR3	7.70E-05	1.23E-05	19.4886	19.4886	0.0131445	2.69305	2.69305	0.584547	0.837039	-1.19469	0.184144	1.57443	1.57443	0.739196	1.11365	1.11365
cg18261223	NPR3	0.000223056	1.89E-06	10.973	10.973	0.255276	1.27194	1.27194	0.697495	0.923938	-1.08232	0.942051	0.985384	-1.01483	0.333963	1.22363	1.22363
cg26647771	NPR3	0.000596919	7.89E-05	0.044585	-22.4291	0.0556111	0.388585	-2.57344	0.0203621	0.295677	-3.38207	0.00521552	0.200634	-4.98419	0.00824982	0.22939	-4.35939
cg02282833	NPR3	0.000608015	0.000284489	0.170181	-5.87609	0.00196604	0.270628	-3.69511	0.0077415	0.359907	-2.77849	0.0302567	0.46717	-2.14055	0.000672967	0.211457	-4.72909
cg17630392	NPR3	0.000908271	0.000936514	7.24589	7.24589	0.000556671	8.56904	8.56904	0.0149533	3.3207	3.3207	0.00770635	3.94801	3.94801	0.365591	0.68876	-1.45188
cg22851125	NPR3	0.00198177	0.933977	0.993386	-1.00666	0.0375466	0.824275	-1.21319	0.00122938	1.46017	1.46017	0.00259541	0.715888	-1.39687	0.0017633	1.42876	1.42876
cg07663789	NPR3	0.00339698	0.00240385	4.92292	4.92292	0.192159	1.68268	1.68268	0.201433	1.66283	1.66283	0.0380774	0.404029	-2.47507	0.735217	0.879897	-1.1365
cg10832005	NPR3	0.00442572	0.00864663	1.51792	1.51792	0.0459392	0.751859	-1.33004	0.343222	1.12945	1.12945	0.051724	1.31788	1.31788	0.0573531	1.30738	1.30738
cg13299698	NPR3	0.0113482	0.000313484	0.0217879	-45.8969	0.107844	0.316916	-3.15541	0.947206	0.957558	-1.04432	0.423155	0.585208	-1.70879	0.878814	1.10509	1.10509
cg00155526	NPR3	0.014626	0.0947437	2.48794	2.48794	0.00489714	6.36452	6.36452	0.136908	2.215	2.215	0.700193	0.825275	-1.21172	0.430775	0.670901	-1.49053
cg12076953	NPR3	0.0233111	0.109775	0.80484	-1.24248	0.0105203	1.49316	1.49316	0.00577316	1.56901	1.56901	0.144509	0.82267	-1.21555	0.738166	1.04267	1.04267
cg11485595	NPR3	0.0262011	0.129703	0.498906	-2.00439	0.0785208	2.29346	2.29346	0.181471	1.82675	1.82675	0.207889	0.568905	-1.75776	0.00879161	0.242376	-4.12582
cg00266286	NPR3	0.0361848	0.568218	0.681346	-1.46768	0.438198	1.69216	1.69216	0.179507	2.58151	2.58151	0.420888	0.5787	-1.72801	0.28931	0.481116	-2.0785
cg22571664	NPR3	0.0427169	0.3577	2.10982	2.10982	0.159557	3.27528	3.27528	0.0937891	4.28249	4.28249	0.665456	0.709366	-1.40971	0.458822	0.551345	-1.81374
cg19618483	NPR3	0.0469161	0.0116081	0.60691	-1.64769	0.75345	1.05113	1.05113	0.953243	1.00932	1.00932	0.232273	1.21929	1.21929	0.0229454	0.650109	-1.5382
cg01252672	NPR3;NPR3	0.0162921	0.11051	2.32362	2.32362	0.432879	1.47405	1.47405	0.0208459	0.259673	-3.851	0.289967	1.70311	1.70311	0.807297	0.888275	-1.12578
cg19321696	NPS	0.00543711	0.0127871	0.191653	-5.21776	0.000753723	0.0652554	-15.3244	0.0709969	0.340453	-2.93727	0.338846	0.590586	-1.69323	0.190891	0.4772	-2.09556
cg24631102	NPS	0.0131362	0.00772606	0.0689388	-14.5056	0.188063	0.336143	-2.97492	0.674251	0.718628	-1.39154	0.050078	0.174445	-5.73248	0.0888148	0.230606	-4.3364
cg24929847	NPSR1	0.00254539	0.144241	0.669895	-1.49277	0.0239654	0.50262	-1.98957	0.0160809	0.471244	-2.12204	0.134826	0.66249	-1.50946	0.000395411	0.236668	-4.22533
cg08564874	NPSR1;NPSR1	3.74E-05	5.94E-05	0.309794	-3.22795	0.0638749	0.719959	-1.38897	0.000333846	0.401324	-2.49175	0.000160177	0.361569	-2.76572	7.34E-06	0.210342	-4.75417
cg16231923	NPTN;NPTN;NPTN;NPTN	0.00453644	0.000562961	0.349989	-2.85724	0.570324	0.893477	-1.11922	0.434282	1.1696	1.1696	0.675662	1.08614	1.08614	0.00738638	0.507727	-1.96956
cg11443973	NPTN;NPTN;NPTN;NPTN	0.0284762	0.155457	1.33301	1.33301	0.0777402	0.69024	-1.44877	0.0726706	0.684766	-1.46035	0.0964206	1.41223	1.41223	0.0332997	0.624734	-1.60068
cg04865220	NPTN;NPTN;NPTN;NPTN	0.0497747	0.0154492	0.320616	-3.11899	0.225537	1.62784	1.62784	0.779401	0.898078	-1.11349	0.207793	0.601416	-1.66274	0.0233438	0.354365	-2.82195
cg20557999	NPTX1	0.0125741	0.0129706	0.127998	-7.81263	0.873688	1.1119	1.1119	0.114355	3.14234	3.14234	0.441656	0.592704	-1.68718	0.0149637	0.136071	-7.34912
cg20853771	NPTX1	0.0164709	0.771199	0.809035	-1.23604	0.0224126	7.30095	7.30095	0.00343135	17.9736	17.9736	0.988949	1.01012	1.01012	0.0495919	0.196322	-5.09367
cg09103658	NPTX1	0.0180801	0.0116418	0.0646592	-15.4657	0.507915	0.558019	-1.79206	0.522837	1.75495	1.75495	0.415095	2.06158	2.06158	0.00567402	0.042789	-23.3705
cg13391810	NPTX1	0.0268047	0.15124	1.26092	1.26092	0.00817182	1.66573	1.66573	0.308408	1.17225	1.17225	0.31947	0.856334	-1.16777	0.205291	0.817539	-1.22318
cg17075913	NPTX1	0.0291727	0.40348	1.37165	1.37165	0.318686	1.46369	1.46369	0.0281207	2.60801	2.60801	0.946866	0.975664	-1.02494	0.179858	0.590645	-1.69307
cg08823411	NPTX1	0.03113	0.00871398	0.136372	-7.33288	0.22593	0.468613	-2.13396	0.67517	0.777845	-1.2856	0.811167	1.15335	1.15335	0.0185135	0.182216	-5.48799
cg19177795	NPTX1	0.0465041	0.0139063	0.706117	-1.4162	0.167763	1.18337	1.18337	0.336377	0.892695	-1.1202	0.137573	0.832666	-1.20096	0.272194	0.877322	-1.13983
cg00548268	NPTX2	1.33E-05	6.58E-05	5.49539	5.49539	0.591385	0.881509	-1.13442	0.340315	1.25697	1.25697	0.000681372	3.34689	3.34689	0.021446	0.52566	-1.90237
cg10245879	NPTX2	4.40E-05	2.18E-06	9.17771	9.17771	0.987255	1.00306	1.00306	0.00862893	1.89604	1.89604	0.416998	0.853454	-1.17171	0.395726	0.846913	-1.18076
cg05168977	NPTX2	6.71E-05	0.0144396	1.9139	1.9139	0.00280472	2.42712	2.42712	0.00609218	2.16201	2.16201	0.222692	1.31775	1.31775	0.770094	0.938846	-1.06514
cg08315202	NPTX2	0.000260041	0.00696935	5.69052	5.69052	0.84371	0.90635	-1.10333	0.484615	1.42447	1.42447	0.758292	0.857477	-1.16621	0.14404	0.457558	-2.18551
cg20266316	NPTX2	0.000514092	0.000126401	11.4292	11.4292	0.278161	1.50933	1.50933	0.133517	1.80544	1.80544	0.43325	1.339	1.339	0.879793	1.0568	1.0568
cg13585675	NPTX2	0.00140681	0.0156363	0.35458	-2.82024	0.000159927	0.104697	-9.55141	0.125224	0.559582	-1.78705	0.907564	0.960179	-1.04147	0.625657	1.18768	1.18768
cg07666532	NPTX2	0.00294796	0.00638499	0.421693	-2.37139	0.187309	0.711761	-1.40497	0.0358274	1.81151	1.81151	0.791127	0.937461	-1.06671	0.0134907	2.10443	2.10443
cg13314145	NPTX2	0.00425322	0.826884	1.13591	1.13591	0.483843	0.661023	-1.51281	0.905637	0.933331	-1.07143	0.707026	0.802778	-1.24567	0.240042	0.48884	-2.04566
cg17278447	NPTX2	0.0277617	0.969427	0.987037	-1.01313	0.00075883	0.175929	-5.6841	0.0223307	0.393735	-2.53978	0.749343	1.11531	1.11531	0.982867	1.00734	1.00734
cg18952796	NPTX2;NPTX2	0.000631426	0.000424774	38.6458	38.6458	0.947394	1.04415	1.04415	0.818671	0.860406	-1.16224	0.739457	0.803701	-1.24424	0.405765	0.572982	-1.74526

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09136597	0.00516338	0.314144	-3.18325	0.040142	0.475398	-2.1035	0.510715	0.811238	-1.23268	0.408223	0.767014	-1.30376	7.49801	11.6761	1.3842	1
cg25320798	0.059789	0.540087	-1.85156	0.00343044	0.315694	-3.16762	0.234379	1.43553	1.43553	0.477711	0.8111	-1.23289	7.07518	9.42585	1.18421	1
cg07829001	0.193793	1.25379	1.25379	0.000758089	2.31582	2.31582	0.925229	1.01556	1.01556	0.0141314	0.607637	-1.64572	6.71865	2.87947	0.380959	1
cg17750254	0.0457548	0.306031	-3.26764	0.0307941	0.269435	-3.71147	0.110727	2.45597	2.45597	0.274964	0.555855	-1.79903	6.54416	27.7059	3.76328	1
cg13355874	0.123327	0.329323	-3.03653	0.00507031	0.0849786	-11.7677	0.0850626	0.281685	-3.55007	0.259911	0.457503	-2.18578	4.78963	33.5859	6.23308	1
cg05962033	0.0299251	0.339249	-2.94768	0.0202098	0.305654	-3.27168	0.723889	0.860614	-1.16196	0.228973	0.586086	-1.70624	4.63949	13.1604	2.52143	1
cg15324288	0.912244	0.980003	-1.02041	0.0279247	1.60955	1.60955	0.98788	1.00279	1.00279	0.204833	0.782602	-1.27779	4.24474	2.25701	0.47264	1
cg27575607	0.290695	1.15848	1.15848	0.0191565	1.46271	1.46271	0.871134	0.978455	-1.02202	0.587922	0.929232	-1.07616	4.19308	1.19531	0.253393	1
cg16430402	0.707576	0.877281	-1.13989	0.0029039	4.14596	4.14596	0.474597	1.28743	1.28743	0.0916179	0.524465	-1.9067	4.11244	7.86272	1.6995	1
cg17138037	0.258523	0.564027	-1.77296	0.00965287	0.203735	-4.90834	0.63952	0.795216	-1.25752	0.244726	0.553724	-1.80595	4.01239	14.9938	3.32166	1
cg16258229	0.183852	0.449983	-2.22231	0.175445	0.44217	-2.26157	0.0734507	0.322895	-3.09698	0.560371	1.39583	1.39583	3.89382	19.7832	4.51616	1
cg24927323	0.0228928	0.220565	-4.5338	0.0356578	0.25725	-3.88726	0.567645	1.37819	1.37819	0.301037	0.551549	-1.81308	3.88582	18.9755	4.34067	1
cg26661089	0.69216	0.938363	-1.06569	0.0721464	1.37831	1.37831	0.10547	1.32678	1.32678	0.665328	0.932789	-1.07205	3.8332	1.5516	0.359803	1
cg10639277	0.263307	0.773004	-1.29365	0.745763	1.07447	1.07447	0.520948	0.86619	-1.15448	0.566941	0.880047	-1.1363	3.82111	2.95006	0.686261	1
cg11226336	0.146699	1.18862	1.18862	0.00434217	1.52624	1.52624	0.719246	0.960748	-1.04086	0.630658	0.947679	-1.05521	3.69415	0.719976	0.173241	1
cg22399023	0.175861	0.440332	-2.27101	0.00292215	0.0972862	-10.279	0.487877	0.669222	-1.49427	0.0463353	0.272344	-3.67182	3.62896	18.6667	4.57228	1
cg15483030	0.118733	0.808876	-1.23628	0.432699	0.904579	-1.10549	0.988897	1.00174	1.00174	0.00430146	0.619901	-1.61316	3.4957	0.868541	0.220853	1
cg05463119	0.445978	0.845712	-1.18244	0.0387399	1.67582	1.67582	0.904088	1.02634	1.02634	0.427006	0.839503	-1.19118	3.39977	2.50537	0.655044	1
cg22487414	0.230317	1.22304	1.22304	0.00013428	0.347009	-2.88177	3.14E-06	5.86999	5.86999	0.0249933	0.652665	-1.53218	31.2729	12.6773	0.360336	1
cg04687310	0.0512923	0.577317	-1.73215	1.23E-06	0.0452431	-22.1028	9.82E-05	0.180368	-5.54421	0.0171525	0.487213	-2.05249	30.7124	29.8075	0.8627	1
cg19060383	6.19E-05	0.504977	-1.98029	9.84E-06	0.415181	-2.40859	0.0614572	0.822908	-1.2152	0.0322333	0.792932	-1.26114	28.446	3.85571	0.120484	1
cg09510559	0.346254	0.62908	-1.58962	7.45E-05	31.1234	31.1234	0.000626889	12.3382	12.3382	0.734361	0.849801	-1.17675	10.1725	36.7881	3.21461	1
cg19498228	0.053243	0.413557	-2.41805	0.000443273	0.107565	-9.29674	0.00247305	0.184165	-5.4299	0.0335077	0.368369	-2.71467	9.61733	24.6235	2.27584	1
cg25537669	0.0157279	0.543338	-1.84047	0.00298005	0.43181	-2.31583	0.00627586	2.08305	2.08305	0.711763	1.07949	1.07949	7.91809	5.3265	0.597955	1
cg21459969	0.0932916	0.475067	-2.10497	0.000112234	0.0647764	-15.4377	0.0120686	0.283103	-3.53228	0.236845	0.606723	-1.6482	6.93238	17.8469	2.28838	1
cg19519626	0.950044	1.02205	1.02205	0.00111049	0.187713	-5.32728	0.00189024	0.215844	-4.63297	0.867691	0.943605	-1.05977	6.73111	12.9217	1.70639	1
cg11214555	0.134007	0.752994	-1.32803	0.0265407	0.630277	-1.5866	0.000673882	2.49131	2.49131	0.932304	1.01503	1.01503	6.14439	2.99906	0.433864	1
cg14327228	0.312269	0.737061	-1.35674	0.000231268	0.167979	-5.95313	0.0519043	0.524365	-1.90707	0.543799	0.83582	-1.19643	5.02231	6.77592	1.19926	1
cg01186457	0.00479159	2.04151	2.04151	0.281021	0.80767	-1.23813	0.0176257	1.73402	1.73402	0.0500434	1.53109	1.53109	4.44829	2.56033	0.511623	1
cg04941018	0.0285766	0.444673	-2.24884	0.000464498	0.177737	-5.62629	0.00143719	0.235581	-4.24482	0.0393753	0.473428	-2.11225	7.5517	11.7721	1.38566	1
cg11379972	0.0212252	1.48611	1.48611	0.000119935	0.382237	-2.61618	0.224849	1.20002	1.20002	0.254267	0.843439	-1.18562	9.70362	3.14395	0.287998	1
cg24483554	0.0120286	1.81564	1.81564	0.00110387	2.49889	2.49889	0.017542	1.73396	1.73396	0.282614	1.2369	1.2369	4.81545	2.76549	0.510485	1
cg23045073	0.560226	0.816782	-1.22432	0.0332716	0.42531	-2.35123	0.972652	1.01185	1.01185	0.507888	1.25961	1.25961	3.99936	7.47772	1.66198	1
cg26803289	0.0844285	0.402981	-2.48151	0.0418108	0.327221	-3.05604	0.530189	0.73876	-1.35362	0.0434476	0.330958	-3.02153	5.12218	18.3926	3.19179	1
cg05625543	0.118932	0.407114	-2.45632	0.112957	0.400086	-2.49947	0.219674	0.50392	-1.98444	0.926132	1.05047	1.05047	3.91513	17.4833	3.9694	1
cg10954938	0.00211571	0.444656	-2.24893	5.02E-05	0.240209	-4.16304	0.207362	0.779291	-1.28322	0.00103458	0.401935	-2.48796	14.0484	7.82655	0.495212	1
cg08963712	0.0226327	1.88645	1.88645	0.34849	1.25164	1.25164	0.000162722	4.465	4.465	0.0208053	1.90987	1.90987	8.60265	7.36773	0.761288	1
cg11663953	0.00169954	0.491978	-2.03261	0.279913	0.837155	-1.19452	0.782183	0.957091	-1.04483	0.0296424	0.666882	-1.49952	7.89449	3.13083	0.352519	1
cg14761989	0.280037	0.862262	-1.15974	0.0134098	0.667575	-1.49796	0.763304	1.04066	1.04066	0.00319174	0.587822	-1.70119	6.70218	1.84869	0.245186	1
cg12392998	0.032758	0.47026	-2.12648	0.0014059	0.247377	-4.04241	0.501416	0.813761	-1.22886	0.0010279	0.230074	-4.34642	6.54122	9.45096	1.28429	1
cg09310777	0.0347464	0.752244	-1.32936	0.0643335	0.7863	-1.27178	0.12222	0.823862	-1.2138	0.00446884	0.644951	-1.55051	4.89911	1.03817	0.188364	1
cg09509943	0.952414	1.01919	1.01919	0.600966	0.845253	-1.18308	0.767038	0.909695	-1.09927	0.51448	0.810101	-1.23441	4.39823	7.06989	1.42883	1
cg15106136	0.606678	1.08938	1.08938	0.108107	0.749026	-1.33507	0.564408	0.908427	-1.1008	0.00094294	0.443508	-2.25475	4.14242	1.78279	0.382554	1
cg18240062	0.0108046	0.59405	-1.68336	0.0242372	0.646	-1.54799	0.681931	0.935169	-1.06932	0.99314	0.998603	-1.0014	3.86392	1.61912	0.372476	1
cg19589680	0.00709802	0.345908	-2.89094	0.712957	1.11938	1.11938	0.663597	0.874967	-1.1429	0.0370752	0.477662	-2.09353	3.63196	5.35812	1.31135	1
cg07715277	0.0227597	1.32773	1.32773	0.00152639	1.60721	1.60721	0.790703	1.02805	1.02805	0.0690902	1.23556	1.23556	3.61967	0.619977	0.152249	1
cg08039322	0.0213583	0.602343	-1.66018	0.00122909	0.420485	-2.3782	0.928773	0.983747	-1.01652	0.408924	1.16742	1.16742	4.68568	2.49283	0.472897	1
cg13019512	0.0221384	0.308913	-3.23715	0.00951716	0.245009	-4.08149	0.65517	1.21225	1.21225	0.147576	0.514093	-1.94517	3.5281	10.2458	2.58138	1
cg02733385	0.645463	1.10324	1.10324	1.11E-05	0.137751	-7.25948	0.000196488	0.265106	-3.77207	0.156672	1.37891	1.37891	17.95	12.7866	0.633198	1
cg24179483	8.92E-06	0.0619139	-16.1515	0.00500571	0.341925	-2.92462	0.294963	0.730625	-1.36869	0.304005	1.36018	1.36018	15.2795	20.2064	1.17551	1
cg17385847	0.00345196	0.452551	-2.20969	0.00689033	0.497361	-2.01061	0.403413	1.18615	1.18615	0.183302	0.75435	-1.32564	13.8256	8.72912	0.56122	1
cg14039952	0.00199265	2.36123	2.36123	0.0196753	0.574293	-1.74127	0.593628	1.11183	1.11183	0.347193	1.20989	1.20989	7.31141	4.48631	0.545426	1
cg14722509	0.351501	1.17133	1.17133	0.0220277	0.635736	-1.57298	0.288992	1.19906	1.19906	0.0483839	1.45063	1.45063	6.41053	2.7618	0.382953	1
cg13701509	0.0405467	1.71107	1.71107	0.0641733	0.623537	-1.60376	0.0901133	0.654306	-1.52834	0.196798	0.733523	-1.36328	4.56911	3.73188	0.726011	1
cg06950873	0.534113	0.921237	-1.0855	0.0013131	0.543744	-1.8391	0.176543	1.20585	1.20585	0.845021	0.974825	-1.02583	4.51658	1.21421	0.238963	1
cg02478379	0.111473	5.26714	5.26714	0.469127	0.493683	-2.02559	0.00223948	60.4469	60.4469	0.0396197	9.7825	9.7825	4.1231	59.9808	12.9311	1
cg10513437	0.176657	3.77398	3.77398	0.343809	0.405856	-2.46393	0.00492271	31.3358	31.3358	0.0897729	5.63749	5.63749	3.83857	51.9839	12.0378	1
cg00016156	0.215141	1.3934	1.3934	0.00259529	0.346072	-2.88957	0.727356	1.09307	1.09307	0.441119	0.818955	-1.22107	3.44761	3.52989	0.910105	1
cg19745314	0.0511639	1.50497	1.50497	0.0101543	1.81626	1.81626	?	?	?	0.0602145	0.676957	-1.4772	7.74979	3.2344	0.476976	1
cg14374799	0.0429228	5.68137	5.68137	0.00278191	21.644	21.644	0.0093645	11.6691	11.6691	0.0492493	5.33097	5.33097	5.4342	47.8493	7.82686	1
cg07485417	0.0259527	7.89354	7.89354	0.00236502	27.4977	27.4977	0.0111799	12.0019	12.0019	0.0185192	9.32051	9.32051	5.06863	49.0375	8.59974	1
cg08781728	0.0685931	10.9464	10.9464	0.00259265	134.283	134.283	0.0131551	36.9308	36.9308	0.0493502	13.9192	13.9192	4.09663	89.4089	19.4	1
cg05901193	0.000147887	0.503288	-1.98694	0.00039674	0.552393	-1.81031	0.000861891	1.693	1.693	0.266992	1.12942	1.12942	39.3582	6.90382	0.15592	1
cg14461522	0.139818	0.676426	-1.47836	0.693484	1.09973	1.09973	0.482918	0.842131	-1.18746	0.00118699	0.265778	-3.76254	11.9633	8.05425	0.577067	1
cg00766678	0.000195107	0.201432	-4.96446	0.359249	0.785817	-1.27256	0.27421	0.747578	-1.33765	0.77077	0.928018	-1.07756	6.7217	6.18675	0.920414	1
cg06623385	0.0322142	1.50376	1.50376	0.041952	0.683012	-1.4641	0.371415	1.16098	1.16098	0.0241542	1.54846	1.54846	5.45401	2.28497	0.372403	1
cg24166097	0.710951	0.852689	-1.17276	0.506394	0.749289	-1.3346	0.00151986	0.141591	-7.06258	0.570128	0.782159	-1.27851	4.44799	12.912	2.58035	1
cg16813552	0.27428	1.27747	1.27747	0.164329	0.726577	-1.37632	0.21357	1.3257	1.3257	0.000175187	0.254025	-3.93662	8.57744	6.29511	0.652369	1
cg00093890	0.0171415	2.10169	2.10169	0.395081	0.800365	-1.24943	7.77E-06	12.277	12.277	0.0214564	2.0267	2.0267	13.194	13.6591	0.920221	1
cg01852585	0.193446	1.3409	1.3409	0.872601	1.0348	1.0348	1.19E-05	7.19643	7.19643	0.0151797	1.88854	1.88854	12.0499	8.67226	0.639731	1
cg19703969	0.76633	1.06632	1.06632	0.13354	0.705619	-1.4172	0.000112844	4.31227	4.31227	0.585799	1.12587	1.12587	9.9261	7.29827	0.653565	1
cg22738800	0.0622111	0.301946	-3.31185	0.579704	0.7268	-1.37589	0.00456325	0.115945	-8.62476	0.0264512	0.222887	-4.48658	7.38541	38.0603	4.58084	1
cg23198559	0.447455	1.44142	1.44142	0.0433519	2.99607	2.99607	0.00137325	8.95606	8.95606	0.308135	1.64567	1.64567	5.08389	17.9556	3.13943	1
cg24869535	0.529496	1.10976	1.10976	0.15408	1.28334	1.28334	0.633098	0.924381	-1.08181	0.140371	1.29606	1.29606	3.74789	1.58671	0.376321	1
cg20032809	0.390306	0.860238	-1.16247	0.0622988	0.698459	-1.43172	0.0152382	1.66474	1.66474	0.283451	1.20996	1.20996	3.64636	1.68911	0.411762	1
cg05396397	0.311133	0.808307	-1.23715	0.000109288	0.25062	-3.99011	0.0037963	0.452511	-2.20989	0.0299637	0.595363	-1.67965	14.9381	9.75754	0.58062	1
cg06584407	0.495548	1.05982	1.05982	0.00180702	1.4514	1.4514	0.550477	1.05202	1.05202	0.117024	0.866792	-1.15368	10.4285	1.16425	0.099236	1
cg20202438	0.302252	0.725722	-1.37794	0.00917743	0.370672	-2.6978	0.013169	0.397701	-2.51445	0.635197	0.866436	-1.15415	4.48774	6.3959	1.26684	1
cg25341925	0.149308	0.396986	-2.51898	0.022181	0.194302	-5.14663	0.0138688	0.162574	-6.15106	0.411211	0.605282	-1.65212	3.97004	22.4462	5.02568	1
cg14194983	0.538059	0.712146	-1.40421	0.00775629	0.155391	-6.43537	0.0309446	0.251717	-3.97271	0.26333	0.529972	-1.88689	3.46117	16.252	4.17379	1
cg07585427	0.23633	0.663942	-1.50616	4.61E-05	0.0600483	-16.6533	0.000335648	0.128236	-7.79811	0.000984523	0.180024	-5.55482	20.7535	34.5539	1.29497	1
cg19870933	0.0318678	1.43688	1.43688	0.00770478	1.63791	1.63791	0.0157873	0.652964	-1.53148	5.29E-05	0.336929	-2.96799	11.5966	3.81469	0.292399	1
cg13885623	0.00529321	0.232993	-4.29197	0.00192398	0.175502	-5.69795	0.00508706	0.230509	-4.33823	0.181939	0.570355	-1.75329	7.12594	17.7256	2.21109	1
cg15645220	0.946066	0.993979	-1.00606	0.0399819	0.80904	-1.23603	0.41712	1.07683	1.07683	0.594105	1.04918	1.04918	6.67872	0.842836	0.112175	1
cg23127249	0.917336	1.01494	1.01494	0.148787	1.24752	1.24752	0.0813643	1.31773	1.31773	0.00109334	1.98962	1.98962	4.1299	1.33413	0.287149	1
cg19969873	0.464597	1.08806	1.08806	0.00189832	0.607153	-1.64703	0.954726	1.00646	1.00646	0.698078	1.04519	1.04519	3.56035	0.724945	0.180992	1
cg15131647	0.299201	0.860164	-1.16257	0.00061428	0.477842	-2.09274	0.124338	1.26233	1.26233	0.155807	1.23688	1.23688	16.0104	4.96981	0.275922	1
cg19751545	0.704008	1.05011	1.05011	0.01994	0.697785	-1.43311	0.0325822	1.37767	1.37767	0.291691	1.15044	1.15044	10.8455	2.81832	0.230986	1
cg00500892	0.567368	0.861764	-1.16041	3.90E-05	0.131698	-7.59315	0.413335	1.24014	1.24014	0.276288	1.33835	1.33835	10.6258	11.1457	0.932381	1
cg19518186	0.0803736	1.25705	1.25705	0.000167791	2.12878	2.12878	0.235842	0.863705	-1.1578	0.313053	0.884196	-1.13097	7.11773	1.56826	0.19585	1
cg17886303	0.074483	0.470541	-2.12521	0.149252	0.556162	-1.79804	0.0757077	0.472362	-2.11702	0.112086	0.518735	-1.92777	5.7854	13.1875	2.02618	1
cg16654806	0.0305651	1.22294	1.22294	0.0902824	0.862568	-1.15933	0.263657	1.09668	1.09668	0.000692356	1.50693	1.50693	5.28302	0.524826	0.0883041	1
cg16294045	0.0923362	0.454221	-2.20157	0.153952	0.533131	-1.87571	0.00520024	0.13759	-7.26797	0.0411071	0.344996	-2.89859	8.85672	13.7982	0.890252	1
cg12604435	0.444516	1.43403	1.43403	0.108527	0.445028	-2.24705	0.00139394	0.117439	-8.51506	0.572222	0.768015	-1.30206	4.04689	13.709	3.01115	1
cg19760243	0.339293	0.752104	-1.3296	0.529721	0.831816	-1.20219	0.293734	0.729773	-1.37029	0.125747	0.61926	-1.61483	3.9822	5.27657	1.17781	1
cg24054938	0.802468	1.26531	1.26531	0.481687	0.51025	-1.95982	?	?	?	0.00425765	0.023174	-43.1518	6.4162	68.1518	10.6218	1
cg24194775	0.209481	0.736142	-1.35843	0.310452	1.27513	1.27513	0.531672	0.863536	-1.15803	0.672952	1.10332	1.10332	7.62264	6.47479	0.755037	1
cg12876594	0.281151	0.742026	-1.34766	0.0589625	0.566618	-1.76486	0.44765	0.813716	-1.22893	0.524009	0.841977	-1.18768	3.84793	4.324	0.998862	1
cg18418051	5.69E-06	0.179801	-5.56171	1.57E-06	0.130873	-7.641	0.834168	0.965429	-1.03581	1.31E-06	0.124609	-8.02513	87.3763	38.9731	0.396477	1
cg09568216	0.000267073	0.292473	-3.41911	9.57E-07	0.0702846	-14.2279	0.000251793	0.289341	-3.45613	4.14E-06	0.111809	-8.94382	46.4196	31.0358	0.594304	1
cg22345692	0.65258	1.07266	1.07266	0.0973317	0.754576	-1.32525	8.00E-07	7.74761	7.74761	0.003198	1.86439	1.86439	25.8852	9.8209	0.337247	1
cg05839235	0.200761	1.54552	1.54552	0.0298057	0.43878	-2.27905	2.96E-05	13.9615	13.9615	7.97E-05	9.9344	9.9344	23.7414	39.0291	1.46127	1
cg18261223	0.491254	0.867974	-1.15211	0.884122	1.02998	1.02998	0.852369	0.962973	-1.03845	0.0425403	1.60477	1.60477	17.835	11.5861	0.577448	1
cg26647771	0.00142654	0.133905	-7.46798	0.00041578	0.087137	-11.4762	0.680193	1.19797	1.19797	0.000667909	0.103404	-9.67082	13.6034	40.9169	2.67364	1
cg02282833	0.00196216	0.270511	-3.69671	0.00291762	0.294694	-3.39335	0.258316	0.703019	-1.42244	0.000112967	0.13185	-7.58436	13.5337	19.1308	1.2565	1
cg17630392	0.13312	1.91536	1.91536	0.97581	0.987912	-1.01224	0.000202189	12.1875	12.1875	0.00184462	5.89202	5.89202	12.0914	30.8089	2.26489	1
cg22851125	0.742723	1.02673	1.02673	0.0915228	1.16046	1.16046	0.0494652	1.19666	1.19666	0.0736321	1.17318	1.17318	9.66765	0.982079	0.0902969	1
cg07663789	0.324991	1.46685	1.46685	0.0123426	0.309015	-3.23609	0.855145	0.933435	-1.07131	0.000650965	7.1745	7.1745	8.24716	18.5587	2.00028	1
cg10832005	0.00213655	0.584008	-1.71231	0.499443	1.08923	1.08923	0.738797	1.0426	1.0426	0.00436483	1.60758	1.60758	7.61607	1.87484	0.218817	1
cg13299698	0.0889766	0.29272	-3.41623	0.198004	0.410223	-2.4377	0.743496	1.23992	1.23992	0.00767257	0.106023	-9.43196	5.67518	38.5525	6.03837	1
cg00155526	0.908301	1.05886	1.05886	0.515893	0.721108	-1.38675	0.00166028	9.3321	9.3321	0.0237998	3.81519	3.81519	5.22408	20.3822	3.46808	1
cg12076953	0.262882	1.15647	1.15647	0.241036	0.858259	-1.16515	0.453603	1.09974	1.09974	0.0783089	1.27581	1.27581	4.46412	1.09656	0.218344	1
cg11485595	0.789916	0.892774	-1.1201	0.60174	0.79958	-1.25066	0.0206604	3.26661	3.26661	0.105187	2.12124	2.12124	4.28651	12.2489	2.54004	1
cg00266286	0.161019	0.369405	-2.70706	0.943406	1.04836	1.04836	0.0055455	11.292	11.292	0.0111383	8.30313	8.30313	3.82072	26.7754	6.22929	1
cg22571664	0.446744	0.542192	-1.84436	0.372123	0.485156	-2.06119	0.00417591	20.6917	20.6917	0.022968	8.55978	8.55978	3.59467	35.4707	8.77118	1
cg19618483	0.400494	0.872661	-1.14592	0.190634	0.803049	-1.24525	0.114287	1.31242	1.31242	0.152152	1.2748	1.2748	3.47075	1.37695	0.35265	1
cg01252672	0.306467	1.67079	1.67079	0.827212	1.1118	1.1118	0.0824532	2.54102	2.54102	0.000848845	11.3733	11.3733	5.04054	18.763	3.30882	1
cg19321696	0.0321203	0.261609	-3.8225	0.00115268	0.0779754	-12.8246	0.00393301	0.12586	-7.94536	0.0426405	0.287437	-3.47903	7.15276	32.326	4.01722	1
cg24631102	0.0257444	0.126182	-7.92503	0.000626706	0.0164071	-60.9494	0.0447596	0.165194	-6.05348	0.0413475	0.158956	-6.29105	5.41169	52.3582	8.60002	1
cg24929847	0.00591214	0.398638	-2.50854	0.0232278	1.99958	1.99958	0.73966	1.08891	1.08891	0.00405249	0.373194	-2.67957	8.98432	9.28222	0.918362	1
cg08564874	0.000131473	0.351079	-2.84836	3.75E-05	0.286731	-3.48759	0.107937	0.75829	-1.31876	0.000179314	0.367604	-2.72032	28.7349	11.3241	0.350302	1
cg16231923	0.322918	0.818326	-1.22201	0.000719961	0.364015	-2.74714	0.0719185	0.674016	-1.48364	0.333696	0.822179	-1.21628	7.5592	4.6164	0.542845	1
cg11443973	0.14002	0.740633	-1.3502	0.0141987	1.77199	1.77199	0.951506	1.01157	1.01157	0.43425	0.859953	-1.16285	4.16296	2.35768	0.50342	1
cg04865220	0.595991	0.814778	-1.22733	0.0178657	0.332177	-3.01045	0.15002	0.553907	-1.80536	0.051832	0.428662	-2.33284	3.39395	7.87773	2.06321	1
cg20557999	0.0483072	0.222161	-4.50123	0.00208413	0.0556754	-17.9612	0.904858	0.923376	-1.08298	0.023082	0.163424	-6.11903	5.48946	38.6431	6.25733	1
cg20853771	0.946252	0.952185	-1.05022	0.952949	1.04381	1.04381	0.225096	2.52424	2.52424	0.0166284	0.119397	-8.37544	5.02224	42.0092	7.43524	1
cg09103658	0.0416469	0.130065	-7.68845	0.011078	0.0628766	-15.9042	0.437164	1.99049	1.99049	0.0408553	0.128725	-7.76848	4.86786	58.1518	10.6187	1
cg13391810	0.199678	0.815252	-1.22661	0.137413	0.785695	-1.27276	0.0103268	1.6276	1.6276	0.311065	1.17116	1.17116	4.25247	1.5306	0.31994	1
cg17075913	0.935999	0.970749	-1.03013	0.00253354	0.212443	-4.70715	0.0989005	1.95193	1.95193	0.879887	0.945637	-1.05749	4.12755	8.93251	1.92366	1
cg08823411	0.0177493	0.179334	-5.57618	0.0203998	0.189007	-5.29082	0.396169	1.67857	1.67857	0.0620856	0.285899	-3.49774	4.03341	22.6978	5.00218	1
cg19177795	0.0126458	0.701192	-1.42614	0.477713	1.08618	1.08618	0.802224	1.02916	1.02916	0.177016	1.17859	1.17859	3.48229	0.723221	0.184609	1
cg00548268	0.281847	1.2973	1.2973	0.0043805	0.41246	-2.42448	1.69E-06	16.3266	16.3266	1.35E-05	8.32768	8.32768	37.6708	32.3149	0.762508	1
cg10245879	0.326778	1.21337	1.21337	0.00760327	0.519053	-1.92659	5.54E-05	4.19058	4.19058	0.00113973	2.49452	2.49452	27.5362	15.9162	0.513789	1
cg05168977	0.303499	0.794937	-1.25796	0.17494	0.73296	-1.36433	1.78E-06	13.0222	13.0222	0.000128605	4.19309	4.19309	24.6221	18.0817	0.652775	1
cg08315202	0.216526	0.523187	-1.91136	0.458768	1.45616	1.45616	1.32E-05	94.4367	94.4367	0.000110332	29.6607	29.6607	17.1053	67.2283	3.49356	1
cg20266316	0.00761192	3.50012	3.50012	0.0365301	0.411844	-2.42811	5.61E-05	15.3819	15.3819	0.00566169	3.76296	3.76296	14.1807	29.9303	1.87612	1
cg13585675	0.0494973	0.456522	-2.19047	0.00102879	0.182376	-5.48317	0.00146801	0.200585	-4.98542	0.0026953	0.234443	-4.26544	10.6746	20.6917	1.72302	1
cg07666532	0.323106	0.780121	-1.28185	0.00319734	0.375599	-2.66241	0.00123934	0.317116	-3.15342	0.11335	0.657576	-1.52074	8.60271	8.06476	0.833305	1
cg13314145	0.481175	0.659298	-1.51676	0.367301	1.71397	1.71397	0.000144778	45.0342	45.0342	0.0031308	10.4892	10.4892	7.7083	41.3246	4.76538	1
cg17278447	0.36494	0.728382	-1.37291	0.0736263	0.507139	-1.97184	0.312769	0.700846	-1.42685	0.291372	0.688847	-1.4517	4.2004	7.71037	1.63167	1
cg18952796	0.805702	0.850986	-1.17511	0.61436	0.717023	-1.39466	2.53E-05	238.306	238.306	0.00602858	10.4756	10.4756	13.3917	90.9227	6.0351	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg27396655	NPTXR	0.0356874	0.198108
cg20634226	NPVF	0.00150552	0.378728
cg11398081	NPVF	0.0137926	0.581877
cg21239080	NPVF	0.040331	0.540288
cg07032245	NPW	0.000722505	0.623317
cg09397900	NPW	0.0037446	0.345512
cg01335126	NPW	0.033187	0.0727826
cg05158615	NPY	0.000166995	0.859173
cg24242823	NPY	0.000980349	0.0532985
cg01050885	NPY	0.00164245	0.316768
cg16964348	NPY	0.00200668	0.103412
cg18106668	NPY	0.00210243	0.799682
cg15929698	NPY	0.00509371	0.158616
cg11892240	NPY	0.00700171	0.0262112
cg02484210	NPY	0.00806491	0.00268387
cg24245418	NPY	0.00974109	0.0264708
cg11475550	NPY	0.021223	0.835179
cg11653966	NPY	0.031916	0.0570414
cg00355281	NPY	0.036072	0.177436
cg18119803	NPY	0.037376	0.249941
cg19908812	NPY1R	0.00196989	0.880494
cg05445244	NPY1R	0.00556089	0.0104172
cg16358044	NPY1R	0.00573373	0.00358379
cg09082903	NPY1R	0.00736249	0.0262455
cg03743432	NPY1R;NPY1R	0.001576	0.280044
cg27235896	NPY2R	0.00112371	0.471229
cg07474251	NPY2R	0.0022589	0.831608
cg18930994	NPY2R	0.00336034	0.00161674
cg27504805	NPY2R	0.0106422	0.284044
cg03202738	NPY2R	0.0214772	0.0262504
cg04077800	NPY2R	0.0263826	0.183746
cg02204428	NPY2R	0.0337752	0.580721
cg21556967	NPY2R	0.0393808	0.0186432
cg08346159	NPY5R	2.37E-07	0.846681
cg20618622	NPY5R	6.31E-06	0.0679281
cg04961466	NPY5R	5.43E-05	0.246885
cg18438777	NPY5R	0.000229649	0.396303
cg11784623	NPY5R	0.000575705	0.0174975
cg15586439	NPY5R	0.000893437	0.0919812
cg01002253	NPY5R	0.00377205	0.264671
cg21748223	NPY5R	0.0211442	0.372776
cg10341154	NPY5R	0.0280377	0.905078
cg26522340	NPY5R	0.0440776	0.242653
cg13975625	NPY5R	0.0493774	0.881157
cg23372677	NPY6R	0.00159707	0.118465
cg25884711	NPY;NPY	0.00378817	0.155225
cg26598152	NQO1;NQO1;NQO1	0.000120557	0.0899875
cg09636661	NQO1;NQO1;NQO1	0.000141109	0.00614559
cg06359059	NQO1;NQO1;NQO1	0.0253658	0.00964057
cg08836861	NQO1;NQO1;NQO1	0.0353359	0.521189
cg07277869	NQO1;NQO1;NQO1	0.0429653	0.0303028
cg09516362	NQO1;NQO1;NQO1;NQO1;NQO1;NQO 1	0.00586596	0.404504
cg02743091	NQO2	2.38E-05	0.00540935
cg06071294	NQO2	0.00525364	0.434999
cg08068635	NQO2	0.00599215	0.0371718
cg26943189	NQO2	0.0172327	0.0037999
cg08855656	NQO2	0.0209909	0.241737
cg18360429	NQO2	0.0223499	0.0545013
cg15888279	NR0B1	0.0100819	0.0284638
cg25447299	NR0B1	0.010435	0.0144498
cg22705954	NR0B1	0.0279805	0.00401888
cg08415785	NR0B1	0.0327674	0.00771375
cg10055471	NR0B2	2.43E-05	0.14786
cg15966151	NR0B2	0.000402324	0.94225
cg16757984	NR1D1	0.000112927	0.204968
cg09161455	NR1D1	0.00197288	0.140795
cg01059731	NR1D1	0.00266259	0.82732
cg05770797	NR1D1	0.0104199	0.0084323
cg06474323	NR1D1	0.0252864	?
cg01346501	NR1D1	0.0260095	0.0304864
cg20667664	NR1D1	0.0315139	0.505684
cg16252131	NR1D1	0.0319624	0.0092428
cg18955753	NR1D1;NR1D1	0.00317346	0.234472
cg24975211	NR1D1;THRA	0.0207683	0.0371945
cg20855344	NR1D2	0.0158534	0.278355
cg10130403	NR1D2;NR1D2	1.67E-05	0.0138008
cg08506046	NR1D2;NR1D2	0.00432927	0.683923
cg17680792	NR1D2;NR1D2	0.0051579	0.293658
cg21824413	NR1D2;NR1D2	0.0375193	0.387101
cg15037661	NR1D2;NR1D2;NR1D2	0.00111998	0.0624114
cg05276338	NR1H2	8.65E-05	0.00123908
cg15225378	NR1H2	0.000328077	0.00372446
cg19366479	NR1H2	0.000547475	0.00460218
cg13567813	NR1H2	0.0055336	0.399446
cg24440997	NR1H2	0.00680156	0.00316451
cg01988009	NR1H2	0.0259082	0.8409
cg19438699	NR1H2	0.0285815	0.703992
cg01086369	NR1H2	0.0466158	0.771968
cg14673743	NR1H2;NR1H2	0.0142567	0.0869122
cg15223579	NR1H3	0.00563579	0.793199
cg21203569	NR1H3;NR1H3;NR1H3	0.000522394	0.145485
cg00536939	NR1H3;NR1H3;NR1H3	0.00248593	0.0168898
cg09548275	NR1H3;NR1H3;NR1H3	0.00518489	0.0511721
cg03790378	NR1H3;NR1H3;NR1H3	0.00993881	0.349074
cg03732020	NR1H3;NR1H3;NR1H3	0.0142354	0.016629
cg10082662	NR1H3;NR1H3;NR1H3	0.0366483	0.945072
cg08690459	NR1H3;NR1H3;NR1H3;NR1H3;NR1H3	0.0124237	0.029231
cg01202639	NR1H4	0.00282424	0.000744636
cg15381313	NR1H4	0.0104499	0.187463
cg08098450	NR1H4	0.0126823	0.203443
cg09244872	NR1H4	0.0338225	0.125039
cg15990724	NR1H4	0.0377592	0.567636
cg03771004	NR1H4;NR1H4	0.0250396	0.0558223
cg23256150	NR1H4;NR1H4	0.0265438	0.0182866
cg02863947	NR1I2;NR1I2	0.00360364	0.029069
cg16322565	NR1I2;NR1I2;NR1I2	0.000247093	0.380337
cg02241759	NR1I2;NR1I2;NR1I2	0.0076819	0.113604
cg12702981	NR1I2;NR1I2;NR1I2	0.0282844	0.0394188
cg01032220	NR1I2;NR1I2;NR1I2	0.0348167	0.575553
cg06648029	NR1I2;NR1I2;NR1I2;NR1I2	0.00763828	0.411961
cg25574175	NR1I2;NR1I2;NR1I2;NR1I2;NR1I2	5.98E-06	4.01E-05
cg22276685	NR1I2;NR1I2;NR1I2;NR1I2;NR1I2	0.0177929	0.143971
cg06277277	NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3 ;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I 3;NR1I3;NR1I3;NR1	0.00437874	0.270117
cg17028814	NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3 ;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I 3;NR1I3;NR1I3;NR1	0.00748902	0.202781
cg06927327	NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3 ;TOMM40L;NR1I3;NR1I3;NR1I3;NR1I3; NR1I3;NR1I3;NR1I3;N	0.045026	0.00859175
cg05633854	NR2C1;NR2C1;NR2C1	5.80E-06	0.553246
cg01246431	NR2C1;NR2C1;NR2C1	0.000577628	2.02E-05
cg27493885	NR2C1;NR2C1;NR2C1	0.00252471	0.599013
cg19132680	NR2C1;NR2C1;NR2C1	0.00324067	0.0480478
cg19824362	NR2C1;NR2C1;NR2C1	0.0152984	0.0856432
ch.12.1870160F	NR2C1;NR2C1;NR2C1	0.0158193	0.00419833
cg16909124	NR2C1;NR2C1;NR2C1	0.0331584	0.201815
cg10241684	NR2C2	0.00154971	0.00642953
cg05122794	NR2C2	0.00978074	0.0341801
cg07851808	NR2C2	0.0111513	0.0369983
ch.3.344014F	NR2C2	0.0119431	0.188382
ch.3.343688R	NR2C2	0.0244718	0.164131
cg22691776	NR2C2	0.0378445	0.226922
cg25598376	NR2C2	0.0454854	0.139993
cg19822851	NR2C2AP	0.00129824	0.00506606
cg08124330	NR2C2AP	0.00136936	0.00627776
cg21645826	NR2C2AP	0.04648	0.0181112
cg05302915	NR2C2AP;RFXANK;RFXANK	0.00176107	0.0182843
cg24497912	NR2E1	1.33E-06	0.00171743
cg23676151	NR2E1	1.34E-05	0.70243

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01268704	NR2E1	4.40E-05	0.00300803	0.313535	-3.18944	0.00142111	0.268144	-3.72933	0.0103567	0.398239	-2.51105	0.0016944	0.278413	-3.59178	5.26E-05	0.116029	-8.61853
cg08929002	NR2E1	4.90E-05	0.0219297	0.406297	-2.46125	0.743772	0.89812	-1.11344	0.915718	0.965914	-1.03529	0.000106935	0.106535	-9.38656	2.51E-05	0.0644847	-15.5075
cg08640634	NR2E1	0.000128106	0.423421	0.763078	-1.31048	0.199926	0.639021	-1.56489	4.58E-05	12.772	12.772	0.365351	1.36015	1.36015	0.396457	0.75038	-1.33266
cg21762523	NR2E1	0.000129528	0.0505439	0.253126	-3.9506	0.00526803	0.10349	-9.66273	0.131646	0.366633	-2.72752	0.000124656	0.0162015	-61.7228	0.000153847	0.018326	-54.5673
cg13720362	NR2E1	0.00014693	0.0116388	0.545022	-1.83479	0.00112513	0.397395	-2.51639	0.0180378	0.57528	-1.73828	1.84E-05	0.186279	-5.36828	0.0359899	0.625325	-1.59917
cg20431250	NR2E1	0.00017581	0.000576694	0.173743	-5.75562	0.00097563	0.199526	-5.01187	0.0453732	0.47039	-2.12589	0.00238213	0.248694	-4.021	2.10E-05	0.0597253	-16.7433
cg03673965	NR2E1	0.000198159	0.0716485	0.37177	-2.68984	0.00569512	0.167985	-5.95292	0.274512	0.57159	-1.7495	0.000127898	0.0377257	-26.5072	0.000466159	0.0667189	-14.9883
cg14663965	NR2E1	0.00020094	0.522023	0.733301	-1.3637	1.00E-04	0.0369224	-27.0838	0.0041641	0.159487	-6.27011	0.00111857	0.10084	-9.91672	0.000130114	0.0417172	-23.9709
cg19042287	NR2E1	0.000327018	0.00241356	0.250394	-3.99371	0.753663	0.901981	-1.10867	0.00910506	0.337617	-2.96194	0.00485064	0.294033	-3.40098	0.000294429	0.144775	-6.90725
cg13784235	NR2E1	0.000370938	0.00103912	0.151864	-6.58482	0.000329446	0.105322	-9.49467	0.699775	0.860376	-1.16228	0.0484833	0.416921	-2.39854	0.000106907	0.0704476	-14.1949
cg18569734	NR2E1	0.000390952	0.107468	0.492053	-2.0323	0.0822671	0.459753	-2.17508	0.833685	1.08858	1.08858	0.000226598	0.08419	-11.8779	4.12E-05	0.0426413	-23.4514
cg18918349	NR2E1	0.000675508	0.150418	1.45874	1.45874	0.0465505	1.74778	1.74778	0.63831	0.890499	-1.12297	0.174098	1.42499	1.42499	0.0695938	0.608281	-1.64398
cg05922610	NR2E1	0.000758097	0.00681237	0.179625	-5.56715	0.00877933	0.195049	-5.12692	0.816529	0.89242	-1.12055	0.000882486	0.0870757	-11.4843	0.000596142	0.0746217	-13.4009
cg03958979	NR2E1	0.000822228	0.004984	3.74357	3.74357	0.0164388	2.83268	2.83268	0.00771502	3.37247	3.37247	0.00504072	3.73332	3.73332	0.00327037	4.15288	4.15288
cg24104938	NR2E1	0.000845695	0.674082	0.921471	-1.08522	0.0787082	1.45871	1.45871	0.734074	1.06815	1.06815	0.660131	0.917998	-1.08933	0.20603	0.772659	-1.29423
cg25775494	NR2E1	0.000861976	0.0207121	0.342762	-2.91748	0.00214488	0.190648	-5.24528	0.120638	0.523557	-1.91001	0.0395784	0.40051	-2.49682	0.0483343	0.420085	-2.38047
cg21239311	NR2E1	0.000870188	0.00433723	0.467433	-2.13934	0.126698	1.39036	1.39036	0.381021	1.19632	1.19632	0.00544667	0.48219	-2.07387	0.0574348	0.651355	-1.53526
cg25125060	NR2E1	0.000881788	0.000898878	0.178703	-5.59589	4.43E-05	0.0684882	-14.6011	0.0840484	0.515625	-1.93939	0.104166	0.540325	-1.85074	0.000882187	0.17779	-5.6246
cg19340889	NR2E1	0.00128262	0.000392954	0.168547	-5.93307	0.000124367	0.121377	-8.23878	0.172693	0.632844	-1.58017	0.0863033	0.550218	-1.81746	0.00103507	0.216096	-4.62758
cg02596153	NR2E1	0.00143173	0.00739312	0.116624	-8.57453	0.0866491	0.307796	-3.24891	0.765285	0.829928	-1.20492	0.00152434	0.0583352	-17.1423	0.000515568	0.0342492	-29.1978
cg26808436	NR2E1	0.00208665	0.035508	0.304725	-3.28164	0.000684531	0.0806031	-12.4065	0.0691201	0.372558	-2.68415	0.0112618	0.214094	-4.67085	0.000656861	0.0793067	-12.6093
cg06103642	NR2E1	0.00209303	0.138947	0.217343	-4.60102	0.0400862	0.102969	-9.71162	0.284165	0.344319	-2.90428	0.00165202	0.013357	-74.8671	0.00186731	0.0145715	-68.6269
cg11086764	NR2E1	0.00252797	0.017981	0.130073	-7.68797	0.0768165	0.247529	-4.03994	0.901896	0.916223	-1.09144	0.00305821	0.0562464	-17.7789	0.00177239	0.0424985	-23.5303
cg22476027	NR2E1	0.00257733	0.0112292	0.139569	-7.16492	0.00125863	0.0539925	-18.5211	0.0538167	0.257387	-3.88519	0.0216889	0.181131	-5.52086	0.000771512	0.0426051	-23.4714
cg15416877	NR2E1	0.0032534	0.043617	0.406376	-2.46077	0.00082388	0.141455	-7.06941	0.132357	0.532397	-1.8783	0.0511768	0.422337	-2.36778	0.0178006	0.326822	-3.05977
cg15399533	NR2E1	0.00456705	0.784873	0.907099	-1.10242	0.55759	1.23533	1.23533	0.295195	0.679201	-1.47232	0.00113657	0.181625	-5.50586	0.000391229	0.133477	-7.49192
cg07411432	NR2E1	0.00481914	0.626181	0.884923	-1.13004	0.847445	1.04913	1.04913	0.674769	1.11082	1.11082	0.907706	0.97153	-1.0293	0.89242	0.966863	-1.03427
cg15786205	NR2E1	0.00484146	0.477932	0.704437	-1.41957	0.0101947	0.207394	-4.82173	0.00830221	0.194258	-5.14779	0.0164377	0.240827	-4.15235	0.000376531	0.0632794	-15.8029
cg20731469	NR2E1	0.00498917	0.0168125	0.147	-6.80274	0.0170663	0.147924	-6.76025	0.0356323	0.200448	-4.98882	0.0952124	0.299748	-3.33613	0.00163228	0.051527	-19.4073
cg25383479	NR2E1	0.00524365	0.00973049	0.200265	-4.99338	0.00092411	0.0877481	-11.3963	0.0221194	0.259412	-3.85488	0.0863003	0.393796	-2.53939	0.00685838	0.178743	-5.59462
cg18710462	NR2E1	0.006033	0.514974	0.868271	-1.15171	0.196611	1.33921	1.33921	0.0116851	1.96226	1.96226	0.0695951	0.647795	-1.5437	0.0724501	0.651278	-1.53544
cg06433023	NR2E1	0.00669739	0.00267684	0.0750881	-13.3177	0.277282	0.494243	-2.0233	0.0967133	0.320695	-3.11823	0.331119	0.535035	-1.86904	0.000976689	0.0469338	-21.3066
cg13776285	NR2E1	0.00865797	0.410427	0.592836	-1.68681	0.00511033	0.100461	-9.95409	0.05261	0.254457	-3.92993	0.233542	0.460348	-2.17227	0.0843635	0.305478	-3.27355
cg12463600	NR2E1	0.00876238	0.00970712	0.51842	-1.92894	0.785423	0.946673	-1.05633	0.373475	1.20137	1.20137	0.125541	0.716828	-1.39503	0.500567	1.14717	1.14717
cg17386213	NR2E1	0.00980628	0.110739	0.224562	-4.45312	0.007569	0.0521937	-19.1594	0.292289	0.390984	-2.55765	0.222995	0.332687	-3.00582	0.00259182	0.0276605	-36.1527
cg15347342	NR2E1	0.0102512	0.00939803	0.214822	-4.65501	0.0148266	0.246573	-4.0556	0.37328	0.652531	-1.53249	0.0320571	0.309439	-3.23165	0.00683454	0.194683	-5.13654
cg00170003	NR2E1	0.0113014	0.00502166	0.24347	-4.10728	0.00198577	0.18968	-5.27203	0.175515	0.577924	-1.73033	0.0723865	0.466199	-2.14501	0.0102431	0.291739	-3.42772
cg24595606	NR2E1	0.0127114	0.0398002	0.178039	-5.61674	0.0187078	0.1263	-7.91763	0.0330108	0.163613	-6.112	0.0527097	0.202084	-4.94844	0.00231291	0.045477	-21.9891
cg16105676	NR2E1	0.0131153	0.716721	1.27803	1.27803	0.0679168	0.25245	-3.96118	0.806111	1.18005	1.18005	0.0308774	0.1815	-5.50963	0.0169244	0.140681	-7.1083
cg24225517	NR2E1	0.017387	0.126167	0.577273	-1.73228	0.618729	0.846549	-1.18127	0.177748	1.60892	1.60892	0.898049	1.04348	1.04348	0.317547	0.709592	-1.40926
cg08946601	NR2E1	0.0241048	0.1597	0.435644	-2.29545	0.0173195	0.201287	-4.96802	0.13378	0.408878	-2.44572	0.465366	0.663058	-1.50816	0.0130762	0.182241	-5.48724
cg05380821	NR2E1	0.0317818	0.847517	1.08363	1.08363	0.187657	0.558463	-1.79063	0.72183	0.861443	-1.16084	0.578171	1.2641	1.2641	0.00518917	0.214542	-4.66109
cg20690420	NR2E1	0.0465475	0.016453	0.161244	-6.20179	0.0054093	0.102365	-9.76898	0.357729	0.554981	-1.80186	0.148763	0.381327	-2.62242	0.0154197	0.157144	-6.36361
cg02062480	NR2E1;NR2E1	3.80E-05	0.375446	1.17492	1.17492	0.997399	0.999422	-1.00058	0.415157	1.15905	1.15905	0.287004	1.21643	1.21643	0.820353	1.04113	1.04113
cg06559274	NR2E1;NR2E1	0.0110495	0.534067	1.10601	1.10601	0.290823	1.19171	1.19171	0.994912	0.99898	-1.00102	0.421019	1.14056	1.14056	0.0840295	0.736483	-1.3578
cg03383382	NR2E1;NR2E1	0.0148411	0.739724	0.947648	-1.05524	0.172988	1.26349	1.26349	0.198658	1.24493	1.24493	0.198201	0.803058	-1.24524	0.970921	1.0059	1.0059
cg12355108	NR2E3	0.0161734	0.582898	0.934374	-1.07024	0.565118	0.9313	-1.07377	0.465763	1.0951	1.0951	0.237259	0.859383	-1.16363	0.021969	1.39982	1.39982
cg04664328	NR2E3;NR2E3	0.000128047	0.108606	0.717916	-1.39292	0.000990725	0.395887	-2.52597	0.0175191	0.578401	-1.7289	0.441817	0.861992	-1.1601	2.58E-06	0.116554	-8.5797
cg06546820	NR2E3;NR2E3	0.000295407	0.000485901	0.205815	-4.85873	0.012393	0.406632	-2.45923	0.831797	0.940367	-1.06341	0.000280479	0.179581	-5.56852	0.129072	0.622437	-1.60659
cg26235659	NR2E3;NR2E3	0.000362088	0.0153075	2.04211	2.04211	0.659314	0.899069	-1.11226	0.0233743	0.522213	-1.91493	0.0183892	1.98573	1.98573	0.00174195	0.342809	-2.91707
cg09872774	NR2E3;NR2E3	0.000424232	0.50756	0.892797	-1.12008	0.560036	1.10451	1.10451	0.0498224	0.685661	-1.45845	5.85E-05	0.284907	-3.50992	0.948826	0.989232	-1.01089
cg13703253	NR2E3;NR2E3	0.00244281	0.000572361	0.215605	-4.63811	0.103323	1.66965	1.66965	0.664157	0.88189	-1.13393	0.846366	1.0574	1.0574	0.00022964	0.171985	-5.81447
cg04854881	NR2E3;NR2E3	0.00323089	0.737946	0.935999	-1.06838	0.0211616	0.579289	-1.72626	0.0864354	0.688613	-1.45219	0.697918	0.926051	-1.07985	0.17668	0.753601	-1.32696
cg03256963	NR2E3;NR2E3	0.00916383	0.670728	0.901088	-1.10977	0.889035	1.03458	1.03458	0.292039	0.766249	-1.30506	0.0897977	0.634165	-1.57688	0.00572129	0.413802	-2.41662
cg16586105	NR2E3;NR2E3	0.0422451	0.0537614	0.578182	-1.72956	0.742206	0.920742	-1.08608	0.00319534	0.365314	-2.73737	0.052254	0.575633	-1.73722	0.0445695	0.561584	-1.78068
cg18860847	NR2E3;NR2E3	0.0452438	0.83297	1.04695	1.04695	0.00920449	0.487552	-2.05106	0.531167	0.871257	-1.14777	0.690309	0.916666	-1.09091	0.155855	0.71901	-1.3908
cg08806496	NR2F1	0.00022245	0.589629	1.06332	1.06332	0.040533	1.30565	1.30565	0.00107492	1.72392	1.72392	0.581709	1.06474	1.06474	0.505277	0.926612	-1.0792
cg07875786	NR2F1	0.00449986	0.00872325	1.75506	1.75506	0.0673583	0.708188	-1.41205	0.00289783	1.99219	1.99219	0.00481391	1.87693	1.87693	0.385654	1.16149	1.16149
cg05553502	NR2F1	0.0108259	0.00975582	0.353619	-2.8279	0.0160777	0.391807	-2.55228	0.1218	0.586572	-1.70482	0.0309504	0.446749	-2.23839	0.0147927	0.385231	-2.59584
cg03086663	NR2F1	0.0112173	0.00159545	1.76922	1.76922	0.0588619	0.76433	-1.30834	0.823195	1.02859	1.02859	0.009577	1.51163	1.51163	0.0901299	1.26524	1.26524
cg06472439	NR2F1	0.0392257	0.248885	0.794301	-1.25897	0.0647022	1.48655	1.48655	0.0148912	1.77224	1.77224	0.0287932	0.61099	-1.63669	0.351973	0.83275	-1.20084
cg01778450	NR2F1;NR2F1	0.000165374	0.000810078	1.37944	1.37944	0.0258384	1.18352	1.18352	0.740384	0.97905	-1.0214	0.0282847	1.17926	1.17926	0.939601	0.995187	-1.00484
cg12207450	NR2F1;NR2F1	0.00441166	0.000373945	0.454534	-2.20006	0.350955	0.875439	-1.14228	0.0401081	0.719866	-1.38915	0.345225	1.14421	1.14421	0.0730874	0.758054	-1.31917
cg16995983	NR2F1;NR2F1	0.0214776	0.58246	1.12633	1.12633	0.0970625	1.47723	1.47723	0.10328	1.46488	1.46488	0.0660086	0.642839	-1.5556	0.159629	0.724731	-1.37982
cg02968429	NR2F2;NR2F2	0.0344599	?	?	?	0.021681	4.34259	4.34259	0.0140442	5.03035	5.03035	0.665591	0.793215	-1.26069	0.0944868	0.375601	-2.6624
cg04943986	NR2F2;NR2F2	0.036706	0.439707	0.896487	-1.11547	0.138625	1.24739	1.24739	0.121543	1.26207	1.26207	0.0829177	0.766256	-1.30505	0.354425	0.876251	-1.14123
cg23763043	NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.0140655	0.485368	0.878945	-1.13773	0.0035605	0.487345	-2.05193	0.740089	1.06246	1.06246	0.0756571	0.697753	-1.43317	0.0755706	0.697663	-1.43336
cg09738906	NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.0151207	0.615915	1.1034	1.1034	0.046543	1.55812	1.55812	0.558037	0.891146	-1.12215	0.0832167	1.45224	1.45224	0.00663259	0.503835	-1.98478
cg05127369	NR2F2;NR2F2;NR2F2;NR2F2;MIR1469	0.00982612	0.00916166	2.09573	2.09573	0.156093	1.40388	1.40388	0.514899	1.15909	1.15909	0.0298922	1.77044	1.77044	0.0321882	1.75226	1.75226
cg09500815	NR2F2;NR2F2;NR2F2;NR2F2;MIR1469	0.043797	0.919729	0.980187	-1.02021	0.00989994	1.90972	1.90972	0.0810429	0.681107	-1.4682	0.0396502	0.623551	-1.60372	0.133845	0.725433	-1.37849
cg08675869	NR2F2;NR2F2;NR2F2;NR2F2;NR2F2	0.00471478	0.000425223	0.299545	-3.33839	0.493326	0.860468	-1.16216	0.38135	0.823696	-1.21404	0.990618	0.997463	-1.00254	0.687804	1.09118	1.09118
cg21302724	NR2F6	0.0131043	0.945174	1.00813	1.00813	0.363208	0.895802	-1.11632	0.0160943	0.706945	-1.41454	0.99864	0.999799	-1.0002	0.151419	1.19841	1.19841
cg00865724	NR2F6	0.043572	0.286145	0.378465	-2.64225	0.241459	2.9315	2.9315	0.0187873	12.1488	12.1488	0.916015	0.911623	-1.09694	0.744782	1.33178	1.33178
cg07528216	NR3C1;NR3C1;NR3C1	0.000688696	0.680917	0.902021	-1.10862	0.00391299	0.379655	-2.63397	0.650865	0.892597	-1.12033	0.444641	0.823382	-1.2145	0.0672836	0.599668	-1.66759
cg14558428	NR3C1;NR3C1;NR3C1;NR3C1	3.42E-07	0.0088929	0.807587	-1.23826	0.00970213	1.23372	1.23372	0.00249806	1.30953	1.30953	0.0827571	1.13126	1.13126	2.21E-05	0.578915	-1.72737
cg24026230	NR3C1;NR3C1;NR3C1;NR3C1	0.00129477	0.0512615	0.743844	-1.34437	0.778908	0.963171	-1.03824	0.329241	1.14367	1.14367	0.586304	1.07601	1.07601	0.0556296	0.748897	-1.3353
cg13648501	NR3C1;NR3C1;NR3C1;NR3C1	0.0254391	0.584664	0.918751	-1.08843	0.0163995	1.56884	1.56884	0.00733071	1.70014	1.70014	0.991067	1.00172	1.00172	0.091044	0.751428	-1.3308
cg26720913	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0313426	0.00349161	0.264937	-3.77448	0.00982363	0.334901	-2.98595	0.0837223	0.52649	-1.89937	0.124247	0.572416	-1.74698	0.0158744	0.371541	-2.69149
cg26464411	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.000186347	0.390251	0.940554	-1.0632	0.000752549	1.42729	1.42729	0.000431187	1.47353	1.47353	0.00348997	0.75889	-1.31771	0.000461385	1.4677	1.4677
cg27122725	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.000681928	0.206331	0.593193	-1.68579	0.324532	1.48975	1.48975	0.481373	1.32365	1.32365	0.120341	0.516787	-1.93503	0.651319	0.836738	-1.19512
cg25535999	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.00313475	0.00125381	0.184451	-5.4215	0.234465	0.639469	-1.5638	0.0315379	0.404684	-2.47106	0.481772	0.773743	-1.29242	0.000256653	0.115404	-8.66524
cg03857453	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0080178	0.0858418	0.740018	-1.35132	0.156171	0.786154	-1.27201	0.05303	0.705614	-1.41721	0.142852	0.778979	-1.28373	0.0346852	1.47776	1.47776
cg10847032	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0238476	0.231249	0.844079	-1.18472	0.00955295	1.55744	1.55744	0.890508	0.981579	-1.01877	0.403712	0.89106	-1.12226	0.581398	1.07807	1.07807
cg15910486	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.043505	0.596019	1.11312	1.11312	0.839093	1.04156	1.04156	0.242115	1.27789	1.27789	0.760914	0.940704	-1.06303	0.389749	1.19307	1.19307
cg18484679	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0476185	0.0719004	0.448544	-2.22944	0.771778	1.12306	1.12306	0.0593543	0.427679	-2.3382	0.967377	1.01645	1.01645	0.018505	0.319856	-3.12641
cg07760722	NR3C2;NR3C2	6.79E-05	0.000130721	0.481572	-2.07653	9.62E-05	0.466045	-2.14572	4.37E-06	0.311962	-3.20552	0.0603239	0.792087	-1.26249	0.0482005	0.780035	-1.28199
cg10207656	NR3C2;NR3C2	0.00136726	0.000320739	0.337442	-2.96347	0.742558	0.940355	-1.06343	0.00153849	0.427328	-2.34012	0.894734	0.975603	-1.02501	0.000156386	0.298962	-3.3449
cg04424630	NR3C2;NR3C2	0.0016191	0.403242	1.14451	1.14451	0.0521895	1.41694	1.41694	2.23E-05	3.82875	3.82875	0.161447	1.26614	1.26614	0.348339	1.16458	1.16458
cg19491599	NR3C2;NR3C2	0.00192723	0.045929	0.643044	-1.5551	0.000937323	0.385659	-2.59296	0.00014948	0.284452	-3.51553	0.561965	1.11982	1.11982	0.00123052	0.401672	-2.48959
cg23329208	NR3C2;NR3C2	0.00335369	0.573456	0.848964	-1.17791	0.404461	0.782281	-1.27831	0.000149061	0.153237	-6.52584	0.00207579	0.287127	-3.48278	0.99204	1.00288	1.00288
cg16692923	NR3C2;NR3C2	0.00782379	0.538616	1.31514	1.31514	0.00195404	6.86874	6.86874	0.0137545	3.81969	3.81969	0.000488359	11.071	11.071	0.565054	1.29165	1.29165
cg12841684	NR3C2;NR3C2	0.0485276	0.312755	0.785469	-1.27312	0.0116376	0.48225	-2.07361	0.110579	0.668916	-1.49496	0.062694	0.616081	-1.62316	0.666622	0.904631	-1.10542
cg27460943	NR3C2;NR3C2	0.0494878	0.0936971	3.16547	3.16547	0.0143266	6.60343	6.60343	0.0670443	3.60811	3.60811	0.0444148	4.23393	4.23393	0.193962	0.423544	-2.36103
cg13996731	NR3C2;NR3C2;NR3C2;NR3C2	0.00468341	0.504225	0.925189	-1.08086	0.00425672	1.55095	1.55095	0.00047215	1.87793	1.87793	0.0504077	0.774252	-1.29157	0.650612	1.05371	1.05371
cg07544244	NR4A1;NR4A1	4.03E-07	0.912708	0.987741	-1.01241	5.59E-08	8.12049	8.12049	4.58E-05	2.37867	2.37867	0.0016426	0.60225	-1.66044	6.12E-05	0.435178	-2.29791
cg20718727	NR4A1;NR4A1	2.39E-05	0.024717	0.628854	-1.59019	1.44E-06	8.37884	8.37884	0.0064457	1.84883	1.84883	0.633717	0.9201	-1.08684	0.379215	0.855142	-1.1694
cg03733196	NR4A1;NR4A1	0.00150984	0.823527	0.902504	-1.10803	0.000137912	20.6287	20.6287	0.00272777	6.68805	6.68805	0.354369	0.645582	-1.54899	0.216132	0.550011	-1.81814
cg26446929	NR4A1;NR4A1	0.00670948	0.00586628	0.417859	-2.39315	0.00378577	2.57352	2.57352	0.224995	1.36122	1.36122	0.548919	1.15807	1.15807	0.101161	0.647676	-1.54398
cg21368094	NR4A1;NR4A1	0.0282051	0.838901	0.957136	-1.04478	0.00568099	0.458053	-2.18316	0.460852	0.850799	-1.17537	0.05334	1.60381	1.60381	0.0246695	0.562281	-1.77847
cg06811166	NR4A1;NR4A1	0.0381301	0.358198	0.732196	-1.36575	0.00482165	3.43379	3.43379	0.131307	1.71164	1.71164	0.408945	0.756826	-1.32131	0.257726	0.6773	-1.47645
cg13707690	NR4A1;NR4A1	0.0472472	0.211398	0.769378	-1.29975	0.915696	1.02131	1.02131	0.301721	0.808109	-1.23746	0.0094147	1.92601	1.92601	0.793939	1.05351	1.05351
cg12610867	NR4A1;NR4A1;NR4A1;NR4A1	1.29E-07	0.0794833	0.823338	-1.21457	5.59E-09	12.065	12.065	0.00162506	1.56984	1.56984	0.653607	0.955893	-1.04614	0.0334193	0.780198	-1.28173
cg07516970	NR4A2	8.85E-05	0.213197	0.792054	-1.26254	0.000568951	0.387038	-2.58373	0.00238005	0.47083	-2.12391	0.402565	1.16456	1.16456	3.06E-05	0.234987	-4.25556
cg11358945	NR4A2	0.002013	0.0988878	1.88112	1.88112	0.0053003	3.60859	3.60859	0.151592	1.71006	1.71006	0.753103	1.1165	1.1165	0.0116776	3.00561	3.00561
cg25247969	NR4A2	0.00300739	0.00103433	0.21483	-4.65484	0.498078	0.8044	-1.24316	0.0144709	2.59481	2.59481	0.14855	0.612416	-1.63288	0.780413	1.09247	1.09247
cg27074041	NR4A2	0.00398674	0.0907942	1.58568	1.58568	0.024774	1.93729	1.93729	0.739926	1.08592	1.08592	0.318686	0.774913	-1.29047	0.169419	0.696146	-1.43648
cg09408520	NR4A2	0.00782617	0.794806	1.04367	1.04367	0.074818	1.38461	1.38461	0.472238	1.12739	1.12739	0.888105	0.977177	-1.02336	0.0705623	0.717914	-1.39293
cg24651504	NR4A2	0.00832098	0.932978	0.972095	-1.02871	0.00196244	4.3601	4.3601	0.00510391	3.47347	3.47347	0.671751	1.15421	1.15421	0.0533969	0.477922	-2.09239
cg07646377	NR4A2	0.0101686	0.569056	0.94605	-1.05703	0.724691	1.03466	1.03466	0.558458	0.944574	-1.05868	0.757599	1.03028	1.03028	0.151257	1.15973	1.15973
cg11379337	NR4A2	0.0124542	0.440056	1.05799	1.05799	0.226322	1.09521	1.09521	0.125642	0.888121	-1.12597	0.148867	0.895091	-1.1172	0.00899048	0.788355	-1.26846
cg16246410	NR4A2	0.0217131	0.165179	0.59492	-1.6809	0.1779	1.65239	1.65239	0.0360866	2.35168	2.35168	0.602905	1.20216	1.20216	0.163916	0.593872	-1.68386
cg21226516	NR4A2	0.0249871	0.156435	1.59574	1.59574	0.00741546	2.89599	2.89599	0.21664	1.49301	1.49301	0.0910789	0.563394	-1.77496	0.200544	1.51711	1.51711
cg00426720	NR4A2	0.0255416	0.0615401	1.91762	1.91762	0.00226396	3.74587	3.74587	0.0263287	2.25788	2.25788	0.764769	0.911402	-1.09721	0.0681382	1.8804	1.8804
cg01123282	NR4A2	0.0328676	0.132368	0.753929	-1.32638	0.0909205	0.723314	-1.38253	0.00754206	0.54993	-1.81841	0.0101248	0.568787	-1.75813	0.835682	1.03679	1.03679
cg10089963	NR4A2	0.0340212	0.0418353	0.430762	-2.32147	0.542965	1.24742	1.24742	0.578288	1.22337	1.22337	0.810393	0.917324	-1.09013	0.0452696	0.438407	-2.28099
cg17654050	NR4A2	0.0412331	0.298598	0.78168	-1.2793	0.909749	1.02626	1.02626	0.606856	1.12599	1.12599	0.0538521	1.64943	1.64943	0.653781	0.901936	-1.10873
cg21758126	NR4A2	0.0435321	0.116626	0.53351	-1.87438	0.838233	1.07824	1.07824	0.933887	1.03105	1.03105	0.0190362	0.351314	-2.84646	0.0992133	0.513743	-1.9465
cg13770982	NR4A3;NR4A3;NR4A3	0.0174864	0.0226575	0.751461	-1.33074	0.28666	0.8906	-1.12284	0.113792	0.835131	-1.19742	0.00703509	0.694298	-1.4403	0.0289033	0.763568	-1.30964
cg13636189	NR4A3;NR4A3;NR4A3	0.0483829	0.0517547	6.74454	6.74454	0.121321	4.2561	4.2561	0.235441	2.92171	2.92171	0.078453	5.39494	5.39494	0.0295305	9.11258	9.11258
cg08042258	NR4A3;NR4A3;NR4A3;NR4A3	0.025032	0.0323864	7.32772	7.32772	0.0312343	7.4605	7.4605	0.0771389	4.77078	4.77078	0.0959848	4.27814	4.27814	0.0214726	8.99234	8.99234
cg12190044	NR4A3;NR4A3;NR4A3;NR4A3	0.0304315	0.0530242	4.87224	4.87224	0.127569	3.27628	3.27628	0.363175	1.96034	1.96034	0.136677	3.17344	3.17344	0.224864	2.50475	2.50475
cg25454755	NR4A3;NR4A3;NR4A3;NR4A3;NR4A3;NR4A3	0.0463006	0.206928	0.822758	-1.21542	0.505882	1.104	1.104	0.461613	1.11611	1.11611	0.142347	1.26007	1.26007	0.629348	1.07389	1.07389
cg13442656	NR5A1	0.000237233	0.000431173	0.53298	-1.87624	0.997466	1.00036	1.00036	0.207809	0.86064	-1.16193	0.00583074	0.665009	-1.50374	0.00362976	0.64099	-1.56009
cg13949836	NR5A1	0.000801179	0.0035852	0.341686	-2.92667	0.0726855	0.579758	-1.72486	0.00411918	0.350793	-2.85069	0.0396385	0.52322	-1.91124	0.0222219	0.474164	-2.10898
cg02992617	NR5A1	0.00148851	0.0015657	0.365508	-2.73592	0.386743	0.821577	-1.21717	0.00168381	0.36993	-2.70322	0.0158764	0.519796	-1.92383	0.0163755	0.522073	-1.91544
cg00691625	NR5A1	0.00167556	0.00612587	0.344292	-2.90451	0.0344077	0.47927	-2.08651	0.00323602	0.302019	-3.31104	0.00238402	0.28301	-3.53344	0.00100082	0.233084	-4.29029
cg04043571	NR5A1	0.00461466	0.0153982	2.13602	2.13602	0.072827	1.66659	1.66659	0.0805028	1.64017	1.64017	0.920252	0.974764	-1.02589	0.102081	0.633364	-1.57887
cg14199762	NR5A1	0.00639901	0.108752	0.575797	-1.73672	0.040001	2.11493	2.11493	0.775485	1.09443	1.09443	0.21295	1.51273	1.51273	0.0498754	0.493722	-2.02543
cg13476313	NR5A1	0.0118126	0.0183982	3.82825	3.82825	0.00484046	5.77665	5.77665	0.0201668	3.72528	3.72528	0.0231697	3.57543	3.57543	0.0108095	4.49321	4.49321
cg02853418	NR5A1	0.0297645	0.858978	1.04035	1.04035	0.458041	0.845285	-1.18303	0.09313	0.663075	-1.50813	0.770437	1.06725	1.06725	0.240118	1.31466	1.31466
cg20406878	NR5A2;NR5A2	6.82E-07	1.27E-05	0.165065	-6.05823	1.55E-06	0.0923701	-10.826	4.60E-06	0.126946	-7.87735	6.85E-06	0.141228	-7.08076	6.91E-06	0.141551	-7.0646
cg18394216	NR5A2;NR5A2	2.55E-06	0.593932	1.09477	1.09477	0.0129743	1.68003	1.68003	0.103461	1.34939	1.34939	0.392886	1.15867	1.15867	0.308144	0.837366	-1.19422
cg10972873	NR5A2;NR5A2	5.78E-05	0.0567028	0.796382	-1.25568	1.05E-05	0.370011	-2.70262	3.11E-05	0.424099	-2.35794	9.77E-05	0.481487	-2.0769	0.0842772	0.817422	-1.22336

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01268704	0.000172407	0.162163	-6.16662	1.95E-06	0.0347996	-28.736	0.253124	0.711559	-1.40536	0.000181689	0.164423	-6.08187	27.5393	35.4543	1.14436	1
cg08929002	7.07E-05	0.0930554	-10.7463	2.50E-05	0.0643702	-15.5351	0.00216214	0.244029	-4.09787	6.49E-05	0.0904028	-11.0616	26.7637	45.4932	1.51094	1
cg08640634	0.593671	0.836863	-1.19494	0.985213	0.99389	-1.00615	5.05E-06	31.0421	31.0421	0.347496	1.377	1.377	20.7182	35.8882	1.53974	1
cg21762523	0.000156604	0.0185153	-54.0095	6.06E-05	0.0103899	-96.2471	0.00143408	0.0583039	-17.1515	8.26E-05	0.0126242	-79.2131	20.6568	124.36	5.35137	1
cg13720362	0.000822327	0.379069	-2.63804	2.38E-05	0.19734	-5.06741	0.409247	1.17637	1.17637	0.00754389	0.516004	-1.93797	19.9679	11.7145	0.52148	1
cg20431250	0.0004847	0.165718	-6.03436	0.000203337	0.129175	-7.74147	0.965333	1.01438	1.01438	0.000904973	0.195699	-5.10988	19.0238	32.5279	1.51987	1
cg03673965	0.000319012	0.0568851	-17.5793	9.41E-05	0.0325695	-30.7035	0.00196007	0.116098	-8.6134	9.41E-05	0.0325687	-30.7043	18.4173	70.5923	3.40705	1
cg14663965	0.00102513	0.0976345	-10.2423	6.25E-05	0.0294367	-33.9712	0.00410805	0.158774	-6.29828	0.00114621	0.101751	-9.82793	18.3478	66.4035	3.21702	1
cg19042287	0.0274498	0.425394	-2.35076	1.27E-05	0.0493647	-20.2574	0.00579847	0.30596	-3.2684	0.00326839	0.268778	-3.72055	16.066	27.3243	1.51178	1
cg13784235	0.000601117	0.128211	-7.79962	0.000120757	0.073754	-13.5586	0.121986	0.521758	-1.9166	0.167462	0.564924	-1.77015	15.5193	37.0221	2.12049	1
cg18569734	0.00729405	0.247399	-4.04205	0.000117771	0.0657871	-15.2005	0.169348	0.553772	-1.8058	0.0208281	0.325335	-3.07376	15.2964	39.476	2.29399	1
cg18918349	0.0923614	0.635248	-1.57419	0.554984	0.863936	-1.15749	0.000167325	4.80525	4.80525	0.000166285	0.20781	-4.81209	13.1414	12.4876	0.844669	1
cg05922610	0.00100152	0.0914105	-10.9397	0.000289469	0.0552708	-18.0928	0.00433456	0.154558	-6.47006	0.00138572	0.103285	-9.68193	12.7231	48.33	3.37654	1
cg03958979	0.470657	1.29776	1.29776	0.000653454	6.39511	6.39511	4.67E-05	15.3097	15.3097	0.00962541	3.20235	3.20235	12.4358	24.8428	1.77572	1
cg24104938	0.580661	1.11392	1.11392	0.186586	0.762836	-1.3109	1.03E-05	6.21076	6.21076	0.18433	1.31294	1.31294	12.3375	7.30495	0.526304	1
cg25775494	0.046662	0.41657	-2.40056	4.12E-05	0.0495204	-20.1937	0.0300061	2.66793	2.66793	0.00411721	0.227792	-4.38997	12.2714	28.7214	2.08047	1
cg21239311	0.020103	0.571554	-1.74961	0.0148138	0.549846	-1.81869	0.000218321	3.42015	3.42015	0.0250953	0.587697	-1.70156	12.2386	7.71389	0.560261	1
cg25125060	0.13943	0.576308	-1.73518	0.00765534	0.304885	-3.27993	0.864284	1.06107	1.06107	0.0102451	0.325819	-3.06919	12.1929	23.1856	1.69028	1
cg19340889	0.0769861	0.537953	-1.8589	0.00478594	0.30711	-3.25616	0.0556368	0.504726	-1.98127	0.00986922	0.357711	-2.79555	10.9612	17.2554	1.39931	1
cg02596153	0.000959057	0.0467645	-21.3838	0.000572093	0.0361316	-27.6766	0.0225415	0.182506	-5.47926	0.00696054	0.113744	-8.79169	10.6209	65.2102	5.45758	1
cg26808436	0.00434728	0.157237	-6.35982	0.000829485	0.0868496	-11.5142	0.0256997	0.276281	-3.6195	0.00794517	0.191607	-5.21901	9.52337	35.5503	3.31819	1
cg06103642	0.000828699	0.00803513	-124.454	0.00130592	0.0112728	-88.7091	0.00721013	0.0360392	-27.7476	0.00189939	0.0147479	-67.8063	9.51489	138.381	12.9277	1
cg11086764	0.00204154	0.0457563	-21.8549	0.00104129	0.0319215	-31.3269	0.0109794	0.103907	-9.62399	0.00249122	0.0506965	-19.7252	9.0025	71.7749	7.0869	1
cg22476027	0.00632882	0.110391	-9.05871	0.0010238	0.0489209	-20.4412	0.0981766	0.324833	-3.07851	0.00408485	0.0917385	-10.9005	8.95136	54.4764	5.40962	1
cg15416877	0.00235754	0.192668	-5.19028	0.000514449	0.121947	-8.20031	0.496533	0.764928	-1.30731	0.00641454	0.252482	-3.96067	8.35415	19.9349	2.12109	1
cg15399533	0.0204701	0.369669	-2.70513	0.0510537	0.453014	-2.20744	0.478616	0.773611	-1.29264	0.0109053	0.320214	-3.12291	7.54378	15.1711	1.78762	1
cg07411432	0.860143	0.95703	-1.0449	0.00488759	0.394961	-2.53189	0.000169213	4.92023	4.92023	0.194752	1.40718	1.40718	7.42151	7.29011	0.873151	1
cg15786205	0.0451541	0.327562	-3.05286	0.00718156	0.185396	-5.39387	0.177514	0.498624	-2.00552	0.00497927	0.164443	-6.08112	7.41107	27.6776	3.31967	1
cg20731469	0.00995866	0.117763	-8.49162	0.00079237	0.0357317	-27.9864	0.0461612	0.222803	-4.48826	0.00433228	0.0816053	-12.2541	7.34345	50.232	6.08034	1
cg25383479	0.0719418	0.372365	-2.68553	0.00323217	0.13868	-7.21082	0.00511608	0.162179	-6.16604	0.0107049	0.206491	-4.84283	7.23263	27.7027	3.40466	1
cg18710462	0.606137	1.11769	1.11769	0.00919346	0.492858	-2.02898	0.00142868	2.68263	2.68263	0.950311	0.986756	-1.01342	6.92742	5.02154	0.644337	1
cg06433023	0.00510444	0.0994586	-10.0544	0.357158	0.553971	-1.80515	0.999402	0.999533	-1.00047	0.00366011	0.0861955	-11.6015	6.70677	41.3199	5.47638	1
cg13776285	0.0519906	0.253298	-3.94793	0.00048401	0.0334201	-29.9221	0.710193	1.26092	1.26092	0.00882812	0.126094	-7.9306	6.18788	37.8085	5.43119	1
cg12463600	0.868395	1.03386	1.03386	0.112501	0.706837	-1.41475	0.000727571	2.80593	2.80593	0.12143	1.40101	1.40101	6.16444	3.93694	0.567691	1
cg17386213	0.0221378	0.0946269	-10.5678	0.00661438	0.0483128	-20.6985	0.336064	2.3456	2.3456	0.00619962	0.0465413	-21.4863	5.94769	69.5852	10.3996	1
cg15347342	0.0433902	0.337888	-2.95956	0.00117367	0.108143	-9.24703	0.101515	0.432845	-2.3103	0.014229	0.243556	-4.10583	5.86387	20.2597	3.07112	1
cg00170003	0.056744	0.440072	-2.27235	0.00967685	0.287643	-3.47653	0.844375	1.07768	1.07768	0.0275457	0.370848	-2.69653	5.68275	13.0392	2.03958	1
cg24595606	0.041844	0.182107	-5.49127	0.00375538	0.0583949	-17.1248	0.0286033	0.153326	-6.52207	0.0163335	0.118635	-8.4292	5.47008	45.6745	7.42211	1
cg16105676	0.0140877	0.130009	-7.69179	0.00595022	0.0888054	-11.2606	0.0211109	0.154585	-6.46895	0.00433061	0.0767516	-13.029	5.4145	38.8666	6.38067	1
cg24225517	0.342193	0.722556	-1.38398	0.552711	0.819197	-1.22071	0.000859848	5.2689	5.2689	0.0348864	2.26237	2.26237	4.93217	8.6126	1.55219	1
cg08946601	0.0159945	0.195725	-5.1092	0.00283505	0.102992	-9.70948	0.29534	0.548714	-1.82244	0.0238984	0.22525	-4.4395	4.41273	21.3757	4.30585	1
cg05380821	0.0182622	0.302616	-3.30452	0.00882663	0.248828	-4.01885	0.614764	1.23581	1.23581	0.112241	0.486035	-2.05747	4.00367	11.0378	2.45059	1
cg20690420	0.108564	0.336315	-2.97341	0.229721	0.456312	-2.19148	0.103107	0.329549	-3.03445	0.0585282	0.26433	-3.78315	3.48107	21.368	5.4563	1
cg02062480	0.976351	1.00527	1.00527	0.539021	0.895641	-1.11652	2.84E-07	14.5863	14.5863	0.012117	1.74057	1.74057	28.625	14.2369	0.442095	1
cg06559274	0.0111305	0.600991	-1.66392	0.213459	1.23319	1.23319	0.000736078	2.27173	2.27173	0.691938	0.938269	-1.06579	5.72424	2.32075	0.360377	1
cg03383382	0.307218	0.84326	-1.18587	0.0814833	0.732392	-1.36539	0.00071498	2.29542	2.29542	0.0790244	1.36962	1.36962	5.19896	2.14187	0.366204	1
cg12355108	0.0237731	0.718732	-1.39134	0.00218115	1.69241	1.69241	0.528217	0.92477	-1.08135	0.124077	1.22609	1.22609	5.05283	1.19873	0.21088	1
cg04664328	0.0015931	0.424036	-2.35829	0.0999468	1.40685	1.40685	0.321159	1.21421	1.21421	0.104462	0.714575	-1.39943	20.7207	11.7671	0.504793	1
cg06546820	0.347229	0.755944	-1.32285	2.12E-05	0.084041	-11.899	0.768396	1.08911	1.08911	0.00075289	0.228257	-4.38102	16.5197	21.863	1.1764	1
cg26235659	0.00568274	2.38681	2.38681	0.000331425	0.249198	-4.01288	0.00115228	3.14388	3.14388	0.0437757	1.74333	1.74333	15.6227	14.2298	0.809637	1
cg09872774	5.14E-05	0.278396	-3.592	0.14696	1.30024	1.30024	0.852834	1.03182	1.03182	0.00540192	0.539191	-1.85463	14.9555	6.73903	0.400538	1
cg13703253	0.229462	1.43736	1.43736	0.68101	1.12629	1.12629	0.915758	0.970016	-1.03091	0.0693182	0.557317	-1.79431	9.09374	11.9221	1.16535	1
cg04854881	0.107896	1.41276	1.41276	6.83E-05	0.238174	-4.19861	0.973213	1.00664	1.00664	0.0338233	0.613792	-1.62922	8.37146	5.14411	0.546207	1
cg03256963	0.0752069	0.617248	-1.62009	0.000955949	0.301625	-3.31538	0.00184272	0.340586	-2.93612	0.326842	0.781513	-1.27957	6.07746	5.70906	0.835007	1
cg16586105	0.0535582	0.577841	-1.73058	0.900793	1.03169	1.03169	0.789868	1.0691	1.0691	0.102797	0.639848	-1.56287	3.60952	3.57764	0.881038	1
cg18860847	0.987819	1.00332	1.00332	0.00323856	0.417909	-2.39286	0.305304	1.25939	1.25939	0.54426	0.875165	-1.14264	3.5184	2.63029	0.664517	1
cg08806496	0.00310674	1.57791	1.57791	3.03E-05	0.398759	-2.50778	0.0030848	0.63339	-1.5788	0.0274517	1.3419	1.3419	17.8482	3.59362	0.178972	1
cg07875786	0.961413	0.991889	-1.00818	0.0476929	0.683067	-1.46398	0.0329383	0.657115	-1.5218	0.207426	1.25079	1.25079	7.57779	3.40057	0.398893	1
cg05553502	0.0151631	0.387174	-2.58282	0.100185	0.563894	-1.77338	0.00120665	0.221363	-4.51747	0.753412	1.10543	1.10543	5.76205	9.23208	1.4242	1
cg03086663	0.333421	1.1339	1.1339	0.383377	0.893519	-1.11917	0.405381	1.11319	1.11319	0.0143294	1.46276	1.46276	5.69648	1.43134	0.223349	1
cg06472439	0.0381538	0.631816	-1.58274	0.592852	0.90201	-1.10864	0.693265	1.07869	1.07869	0.860413	0.966927	-1.0342	3.70971	2.14507	0.513984	1
cg01778450	0.0395413	0.859337	-1.16369	9.86E-05	0.643834	-1.5532	7.09E-05	1.58621	1.58621	0.0183765	1.19981	1.19981	19.341	1.24189	0.0570759	1
cg12207450	0.199065	0.828581	-1.20688	0.232851	0.840838	-1.18929	0.000586671	0.478944	-2.08793	0.83641	1.02907	1.02907	7.62342	2.31847	0.270333	1
cg16995983	0.503945	1.15638	1.15638	0.0172935	0.537301	-1.86115	0.00731551	2.0978	2.0978	0.275136	1.27538	1.27538	4.5916	3.33786	0.646178	1
cg02968429	0.44722	0.66186	-1.51089	?	?	?	0.326239	1.71598	1.71598	0.0750633	2.87502	2.87502	4.03166	14.0952	3.99557	1
cg04943986	0.0945475	0.775061	-1.29022	0.00309148	0.570414	-1.75311	0.881287	0.979492	-1.02094	0.525888	1.09321	1.09321	3.80089	1.1574	0.270674	1
cg23763043	0.673874	1.08008	1.08008	0.000760128	0.395059	-2.53127	0.164865	0.763633	-1.30953	0.266653	0.810067	-1.23447	5.29176	2.77621	0.466336	1
cg09738906	0.0668614	0.670531	-1.49136	0.009374	0.526804	-1.89824	0.124472	1.38209	1.38209	0.570882	0.894557	-1.11787	5.16698	3.09728	0.532832	1
cg05127369	0.00484614	2.3054	2.3054	0.0360868	1.72459	1.72459	0.00106416	2.94941	2.94941	0.0152937	1.94595	1.94595	5.94385	4.70533	0.703671	1
cg09500815	0.818192	0.955317	-1.04677	0.0475339	0.637652	-1.56825	0.540861	1.13077	1.13077	0.50527	0.874407	-1.14363	3.56141	2.22316	0.554876	1
cg08675869	0.00145926	0.370488	-2.69915	0.00814993	0.481164	-2.07829	0.0138107	0.518215	-1.9297	0.994361	1.00153	1.00153	7.47114	5.52139	0.656915	1
cg21302724	0.101144	0.809467	-1.23538	0.00053448	0.530157	-1.88623	0.289757	0.878637	-1.13813	0.0521595	0.770985	-1.29704	5.41599	1.1893	0.195191	1
cg00865724	0.90785	1.10691	1.10691	0.262973	0.35927	-2.78342	0.00817611	0.0513698	-19.4667	0.0940897	5.026	5.026	3.56825	43.4821	10.8318	1
cg07528216	0.299637	0.764851	-1.30744	3.93E-05	0.140591	-7.11284	0.742048	0.920929	-1.08586	0.000102205	0.17984	-5.5605	13.0704	12.8748	0.875585	1
cg14558428	0.446895	1.05103	1.05103	6.37E-09	0.207102	-4.82853	0.0015053	1.34121	1.34121	0.00648461	1.25504	1.25504	96.3433	6.28784	0.0580133	1
cg24026230	3.68E-05	0.34697	-2.8821	0.0281526	0.707766	-1.4129	0.00155273	0.545192	-1.83422	0.0541933	0.747277	-1.33819	10.9317	3.07748	0.25024	1
cg13648501	0.773132	1.04538	1.04538	0.807232	1.03824	1.03824	0.0138681	1.59488	1.59488	0.061501	1.38181	1.38181	4.3309	1.61675	0.331827	1
cg26720913	0.362563	0.730771	-1.36842	0.45812	0.776291	-1.28818	0.783148	0.911679	-1.09688	0.0368248	0.443611	-2.25423	4.02362	7.15875	1.58149	1
cg26464411	0.00104993	1.40145	1.40145	?	?	?	0.0920388	0.878882	-1.13781	0.026143	0.832186	-1.20165	19.1974	1.30969	0.0682223	1
cg27122725	?	?	?	0.046911	0.410168	-2.43802	9.69E-06	0.0239848	-41.693	0.527928	0.778378	-1.28472	13.4225	29.0056	2.16097	1
cg25535999	0.474731	0.770441	-1.29796	0.00550846	0.270085	-3.70254	0.415453	1.34799	1.34799	0.0136146	0.334521	-2.98935	8.4471	17.2191	1.81196	1
cg03857453	0.0892354	1.34611	1.34611	0.0318189	1.49041	1.49041	0.200398	0.806937	-1.23925	0.00190428	0.497787	-2.00889	6.33971	2.52564	0.354119	1
cg10847032	0.0170045	0.675131	-1.48119	0.486575	0.908983	-1.10013	0.441526	1.11175	1.11175	0.00917333	1.56304	1.56304	4.42916	1.27824	0.25653	1
cg15910486	0.382803	0.835887	-1.19633	0.0379931	1.61904	1.61904	0.00318168	2.24085	2.24085	0.0176385	1.78289	1.78289	3.5703	2.26847	0.564775	1
cg18484679	0.339394	0.675072	-1.48132	0.0233043	0.338982	-2.95001	0.161753	1.81525	1.81525	0.0352764	0.37592	-2.66014	3.45135	8.70421	2.24175	1
cg07760722	0.700233	0.958329	-1.04348	0.00700755	0.681377	-1.46762	0.112294	0.826772	-1.20952	6.92E-05	0.449338	-2.22549	24.5486	4.70654	0.170421	1
cg10207656	0.229324	1.26536	1.26536	0.35522	0.837409	-1.19416	0.313644	0.8233	-1.21462	0.0757162	0.691534	-1.44606	10.7624	5.93357	0.490068	1
cg04424630	0.667025	1.07069	1.07069	0.186554	1.24727	1.24727	0.0818155	1.35569	1.35569	0.00238065	1.95106	1.95106	10.2512	4.04289	0.350561	1
cg19491599	0.377562	0.839673	-1.19094	0.165668	0.751755	-1.33022	0.940769	1.01445	1.01445	0.0933767	0.700344	-1.42787	9.7465	5.74979	0.524386	1
cg23329208	0.0427828	0.511089	-1.95661	0.326207	0.746937	-1.3388	0.308621	0.738368	-1.35434	0.00271122	0.303534	-3.29452	8.27881	10.8636	1.16642	1
cg16692923	0.199077	1.81678	1.81678	0.884625	1.06597	1.06597	0.0234086	3.29243	3.29243	0.193033	1.83331	1.83331	6.38873	19.59	2.72564	1
cg12841684	0.270952	0.767161	-1.30351	0.0195093	1.92104	1.92104	0.184865	0.722374	-1.38432	0.912414	0.974875	-1.02577	3.42677	2.90259	0.752919	1
cg27460943	0.494005	0.6478	-1.54369	0.51561	1.50996	1.50996	0.0391115	4.44825	4.44825	0.0950175	3.14809	3.14809	3.40141	21.0505	5.50111	1
cg13996731	0.174648	1.18016	1.18016	0.351467	0.895817	-1.1163	0.518362	1.07802	1.07802	0.0114027	1.43811	1.43811	7.48632	1.56078	0.185319	1
cg07544244	3.21E-07	5.33557	5.33557	0.0266459	0.744163	-1.34379	3.62E-05	2.44803	2.44803	0.0174628	1.38467	1.38467	92.4451	18.5262	0.178135	1
cg20718727	8.45E-06	5.37834	5.37834	0.186478	0.784319	-1.27499	0.0103074	1.75193	1.75193	0.453319	1.1417	1.1417	32.3121	15.3991	0.423622	1
cg03733196	0.00106791	9.21326	9.21326	0.107112	2.243	2.243	0.0219935	3.53179	3.53179	0.797877	1.12509	1.12509	10.4599	34.9427	2.96946	1
cg26446929	0.0587343	1.67638	1.67638	0.505859	1.17745	1.17745	0.00405768	2.54368	2.54368	0.726922	0.918661	-1.08854	6.70301	6.21608	0.824317	1
cg21368094	0.119464	1.43853	1.43853	0.543843	0.876141	-1.14137	0.164716	1.37576	1.37576	0.394022	1.20671	1.20671	4.17702	3.06416	0.652067	1
cg06811166	0.0288047	2.34095	2.34095	0.0519546	2.07405	2.07405	0.866598	0.946045	-1.05703	0.946053	0.977923	-1.02258	3.74845	6.46137	1.53222	1
cg13707690	0.100094	1.43158	1.43158	0.00734794	1.98979	1.98979	0.765702	1.06132	1.06132	0.785995	1.05569	1.05569	3.46156	2.17382	0.558212	1
cg12610867	6.84E-08	6.12299	6.12299	0.30912	1.11084	1.11084	2.36E-06	3.14832	3.14832	0.310441	1.1105	1.1105	123.491	19.5048	0.140396	1
cg07516970	0.00114715	0.427402	-2.33972	2.46E-05	0.224906	-4.44631	0.0218747	1.631	1.631	0.00239971	0.471328	-2.12166	22.8747	11.4574	0.445224	1
cg11358945	0.0261909	2.5121	2.5121	7.14E-05	12.5228	12.5228	0.00146744	4.9715	4.9715	0.0738367	2.00539	2.00539	9.62371	18.5873	1.71681	1
cg25247969	0.201022	0.652243	-1.53317	0.000499254	0.178474	-5.60306	0.619258	0.853409	-1.17177	0.130238	1.6773	1.6773	8.5519	13.563	1.40974	1
cg27074041	0.0106212	2.21439	2.21439	0.000171359	4.85579	4.85579	0.0283355	1.89738	1.89738	0.13333	1.49282	1.49282	7.86035	7.62183	0.861916	1
cg09408520	0.620984	1.08517	1.08517	0.000164166	0.348601	-2.86861	0.911289	0.981889	-1.01844	0.85651	0.970754	-1.03013	6.38812	2.72087	0.378602	1
cg24651504	0.508645	0.79803	-1.25309	0.0241624	0.404731	-2.47078	0.816001	1.08159	1.08159	0.0909574	1.8711	1.8711	6.26599	11.2354	1.59384	1
cg07646377	0.000825046	1.62487	1.62487	0.18135	0.872201	-1.14652	0.0691798	1.21644	1.21644	0.00312062	1.47625	1.47625	5.87908	0.864616	0.130726	1
cg11379337	0.0212263	0.820137	-1.21931	0.0043458	0.761238	-1.31365	0.11522	1.13043	1.13043	0.194275	1.1033	1.1033	5.50661	0.44695	0.0721477	1
cg16246410	0.155483	1.70435	1.70435	0.00187991	0.213041	-4.69393	0.519335	1.25753	1.25753	0.861233	0.940467	-1.0633	4.57448	8.91563	1.73244	1
cg21226516	0.0318087	2.17217	2.17217	0.00625042	2.99981	2.99981	0.114113	1.6987	1.6987	0.898441	0.9614	-1.04015	4.35801	6.55976	1.33797	1
cg00426720	0.0350937	2.13607	2.13607	0.0695785	1.87284	1.87284	0.0188347	2.41001	2.41001	0.367972	1.33094	1.33094	4.32483	6.54632	1.34547	1
cg01123282	0.974471	0.99445	-1.00558	0.010288	0.569819	-1.75494	0.301909	0.830253	-1.20445	0.537166	1.11481	1.11481	3.95576	1.89534	0.425896	1
cg10089963	0.0692278	2.07472	2.07472	0.139064	0.564597	-1.77118	0.00884843	3.30821	3.30821	0.504745	1.27509	1.27509	3.90696	7.97613	1.81468	1
cg17654050	0.0226367	1.86629	1.86629	0.00716663	2.21161	2.21161	0.187308	1.37644	1.37644	0.126616	0.68539	-1.45902	3.6421	3.01477	0.735784	1
cg21758126	0.00332606	0.229237	-4.36229	0.190753	0.600161	-1.66622	0.516919	1.27399	1.27399	0.0923375	0.50525	-1.97922	3.56947	7.67743	1.91188	1
cg13770982	0.0155809	0.733022	-1.36422	0.0051951	0.679603	-1.47145	0.0219145	0.749811	-1.33367	0.572949	1.06146	1.06146	4.92275	0.85492	0.154371	1
cg13636189	0.0429626	7.45152	7.45152	0.00703655	20.1697	20.1697	0.0244263	10.0956	10.0956	0.0590237	6.28609	6.28609	3.43064	40.3965	10.4668	1
cg08042258	0.0265633	8.08582	8.08582	0.00513904	18.8872	18.8872	0.0126342	11.764	11.764	0.0343854	7.11352	7.11352	4.3553	43.6028	8.89907	1
cg12190044	0.0524413	4.89639	4.89639	0.00279193	19.4577	19.4577	0.00737655	12.0227	12.0227	0.0263565	6.66573	6.66573	4.06614	33.4079	7.30323	1
cg25454755	0.646731	1.06998	1.06998	0.00149428	0.511129	-1.95645	0.953588	1.00857	1.00857	0.716596	0.947967	-1.05489	3.48804	1.18686	0.302457	1
cg13442656	0.0180031	0.722705	-1.38369	0.258006	0.875138	-1.14268	7.46E-06	0.328169	-3.04721	0.000584428	0.548448	-1.82333	17.5386	3.54679	0.179758	1
cg13949836	0.00560419	0.371511	-2.69171	0.000478265	0.224838	-4.44764	3.28E-05	0.111193	-8.99334	0.111245	0.623553	-1.60371	12.5269	14.705	1.04344	1
cg02992617	0.015575	0.518389	-1.92905	0.000546206	0.304287	-3.28637	0.000264148	0.265127	-3.77178	0.42338	0.834333	-1.19856	10.5028	8.16158	0.690743	1
cg00691625	0.00592076	0.341944	-2.92445	0.000769021	0.219078	-4.56459	0.00119112	0.242628	-4.12154	0.0107652	0.384765	-2.59899	10.1502	14.2847	1.25096	1
cg04043571	0.99867	1.00043	1.00043	0.847064	1.05052	1.05052	0.000115061	5.62062	5.62062	0.34948	1.27867	1.27867	7.52005	7.75907	0.917142	1
cg14199762	0.0948169	1.78484	1.78484	0.168547	0.629403	-1.58881	0.000388388	5.9614	5.9614	0.214781	1.50997	1.50997	6.80233	10.7278	1.40185	1
cg13476313	0.660402	1.23061	1.23061	0.00225435	7.43672	7.43672	0.592897	1.28825	1.28825	0.0442298	2.95868	2.95868	5.60202	19.5441	3.10112	1
cg02853418	0.742745	0.92936	-1.07601	0.00350631	2.41289	2.41289	0.013465	0.50636	-1.97488	0.519074	1.15649	1.15649	4.09828	3.21128	0.696504	1
cg20406878	0.000912988	0.37797	-2.64571	3.14E-08	0.0195996	-51.0216	0.00096633	0.381287	-2.62269	1.47E-05	0.17099	-5.8483	80.8558	49.3236	0.542239	1
cg18394216	0.0226996	1.5824	1.5824	0.00273564	0.498636	-2.00547	2.29E-08	33.4165	33.4165	0.047036	1.46589	1.46589	57.7107	25.878	0.398586	1
cg10972873	0.00230654	0.637949	-1.56752	6.79E-05	0.463277	-2.15853	0.00139146	0.613246	-1.63067	0.00037474	0.54858	-1.82289	25.6181	4.52067	0.156857	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22515278	NR5A2;NR5A2	6.95E-05	0.481734	1.13892	1.13892	0.0827174	1.41845	1.41845	0.20525	0.784173	-1.27523	0.147363	1.32688	1.32688	0.478987	0.877283	-1.13988
cg23996829	NR5A2;NR5A2	7.01E-05	0.418967	0.833512	-1.19974	0.771753	0.937873	-1.06624	0.111158	0.68203	-1.46621	0.86168	1.03921	1.03921	0.0016154	0.369055	-2.70962
cg10506445	NR5A2;NR5A2	9.05E-05	0.748243	0.918463	-1.08878	0.00993566	0.423128	-2.36335	0.00560427	0.382655	-2.61332	0.103255	1.6011	1.6011	0.692009	0.90018	-1.11089
cg04857472	NR5A2;NR5A2	0.000180584	0.390188	1.16056	1.16056	0.00879887	0.568834	-1.75798	0.000183044	0.343124	-2.9144	1.79E-05	0.227153	-4.40231	0.446781	0.877097	-1.14013
cg04097639	NR5A2;NR5A2	0.000201401	0.680939	0.884278	-1.13087	0.523751	1.21192	1.21192	0.0192638	2.32131	2.32131	0.0707629	1.82322	1.82322	0.959477	0.985	-1.01523
cg07926895	NR5A2;NR5A2	0.000227462	0.183823	1.37702	1.37702	0.000761817	0.314305	-3.18163	0.00948096	0.47435	-2.10815	0.00599199	0.442651	-2.25911	0.0190928	0.525378	-1.90339
cg18126097	NR5A2;NR5A2	0.000254577	0.0114868	0.413971	-2.41563	0.00504608	0.355456	-2.81329	0.000346556	0.20082	-4.97958	0.00169101	0.286123	-3.495	0.0024437	0.308471	-3.2418
cg02457750	NR5A2;NR5A2	0.000297185	0.839554	0.972393	-1.02839	2.37E-05	0.311988	-3.20525	0.00083168	0.499177	-2.0033	0.0319067	0.706644	-1.41514	0.00834251	0.62779	-1.59289
cg07208853	NR5A2;NR5A2	0.000424981	0.000201255	4.7259	4.7259	0.324592	1.28822	1.28822	0.286836	1.31699	1.31699	5.04E-05	6.63334	6.63334	0.338417	1.27849	1.27849
cg21851672	NR5A2;NR5A2	0.000443292	0.886521	1.04136	1.04136	0.0027437	0.309367	-3.2324	0.294004	0.734226	-1.36198	0.0144767	0.425213	-2.35177	0.247728	0.709638	-1.40917
cg00001583	NR5A2;NR5A2	0.000581097	0.199901	2.12585	2.12585	0.0111621	5.87874	5.87874	0.218474	2.05621	2.05621	0.00537774	7.69935	7.69935	0.197313	0.468123	-2.13619
cg24352938	NR5A2;NR5A2	0.000785237	0.000155002	0.265121	-3.77187	0.862654	1.03611	1.03611	0.566225	0.88799	-1.12614	0.625998	0.90427	-1.10586	0.00589756	0.478032	-2.09191
cg18313543	NR5A2;NR5A2	0.000786533	0.00156849	0.207796	-4.8124	0.0204925	0.380702	-2.62673	0.000564311	0.157454	-6.35105	0.0349911	0.427493	-2.33922	0.00116108	0.192025	-5.20765
cg21540765	NR5A2;NR5A2	0.00151031	0.222705	1.203	1.203	0.0113083	1.58016	1.58016	0.519823	1.09867	1.09867	0.387069	1.13641	1.13641	0.598784	1.07959	1.07959
cg23455785	NR5A2;NR5A2	0.00152638	0.247215	0.783491	-1.27634	0.384616	1.19694	1.19694	0.0930011	1.45163	1.45163	0.261795	0.789794	-1.26615	5.13E-05	0.216714	-4.61438
cg05470502	NR5A2;NR5A2	0.0021204	0.887753	0.957069	-1.04486	0.0077151	2.89637	2.89637	0.36023	1.33943	1.33943	0.613413	1.17149	1.17149	0.532115	1.21728	1.21728
cg06244002	NR5A2;NR5A2	0.0039942	0.660909	1.07728	1.07728	0.372302	0.856864	-1.16705	0.00741717	1.78902	1.78902	0.063223	0.703033	-1.42241	0.406209	1.15408	1.15408
cg24553673	NR5A2;NR5A2	0.00424915	0.119213	2.01607	2.01607	0.774087	0.887511	-1.12675	0.291965	1.57364	1.57364	0.575782	0.791032	-1.26417	0.00534171	4.57969	4.57969
cg13229857	NR5A2;NR5A2	0.00548619	0.225629	0.563773	-1.77376	0.0339583	0.327945	-3.0493	0.122479	0.470586	-2.12501	0.015192	0.261046	-3.83074	0.0349783	0.330678	-3.02409
cg04308769	NR5A2;NR5A2	0.00689772	0.30178	0.669146	-1.49444	0.000801313	0.149502	-6.68887	0.108933	0.518657	-1.92806	0.112239	0.522364	-1.91437	0.344829	0.693924	-1.44108
cg17804356	NR5A2;NR5A2	0.00726645	0.0768432	3.00288	3.00288	0.745863	0.833829	-1.19929	0.823313	1.13312	1.13312	0.00689226	7.06188	7.06188	0.522582	0.696196	-1.43638
cg18203366	NR5A2;NR5A2	0.00731959	0.770182	1.06128	1.06128	0.193255	0.756146	-1.3225	0.240152	0.779037	-1.28364	0.597897	0.897572	-1.11412	0.169755	0.743095	-1.34572
cg14025556	NR5A2;NR5A2	0.00801995	0.396584	1.13497	1.13497	0.863426	1.02543	1.02543	0.00257108	1.83976	1.83976	0.222281	0.829388	-1.20571	0.702974	0.945658	-1.05746
cg25306277	NR5A2;NR5A2	0.00848657	0.0121053	4.46649	4.46649	0.0263525	3.52597	3.52597	0.0118566	4.49527	4.49527	0.672125	1.2259	1.2259	0.00472415	6.02439	6.02439
cg19713947	NR5A2;NR5A2	0.00905249	0.675184	1.12933	1.12933	0.00678131	0.363281	-2.75269	0.379578	0.770952	-1.2971	0.0190335	0.440782	-2.26869	0.480954	0.813233	-1.22966
cg00026457	NR5A2;NR5A2	0.0120779	0.620244	1.06563	1.06563	0.00251848	0.586365	-1.70542	0.232907	1.17254	1.17254	0.0360372	1.36384	1.36384	0.0832804	0.783499	-1.27633
cg05391318	NR5A2;NR5A2	0.0123128	0.200281	2.4604	2.4604	0.59598	1.42773	1.42773	0.975392	0.979682	-1.02074	0.507133	1.56494	1.56494	0.817588	1.1662	1.1662
cg17486263	NR5A2;NR5A2	0.012725	0.050624	3.21283	3.21283	0.569304	1.35172	1.35172	0.81448	0.884112	-1.13108	0.550732	0.72882	-1.37208	0.182766	0.47671	-2.09771
cg15130541	NR5A2;NR5A2	0.0143458	0.037756	2.56774	2.56774	0.737848	1.1405	1.1405	0.00945233	3.62271	3.62271	0.596336	0.811223	-1.23271	0.00868117	3.70283	3.70283
cg04605987	NR5A2;NR5A2	0.0149145	0.17119	0.486507	-2.05547	0.00189653	0.113429	-8.81609	0.0589869	0.34836	-2.87059	0.091649	0.399133	-2.50543	0.146637	0.462811	-2.16071
cg02901753	NR5A2;NR5A2	0.0154717	0.971884	0.996141	-1.00387	0.0249827	1.33991	1.33991	0.00163088	1.64065	1.64065	0.35399	1.11028	1.11028	0.0154164	1.38556	1.38556
cg13476077	NR5A2;NR5A2	0.015568	0.241387	0.538643	-1.85652	0.0875609	2.58952	2.58952	0.0798104	2.6665	2.6665	0.37909	1.57657	1.57657	0.0297797	0.275205	-3.63366
cg15198094	NR5A2;NR5A2	0.0223365	0.152577	1.69182	1.69182	0.0106034	0.331891	-3.01304	0.909731	1.03969	1.03969	0.0939934	0.531574	-1.88121	0.120193	1.78333	1.78333
cg23258678	NR5A2;NR5A2	0.0228943	0.0125057	4.55568	4.55568	0.0142263	4.37502	4.37502	0.163738	0.484175	-2.06537	0.189933	0.507859	-1.96905	0.0676542	2.71578	2.71578
cg03257172	NR5A2;NR5A2	0.0250265	0.153684	0.665208	-1.50329	0.500398	1.20027	1.20027	0.0746871	1.69872	1.69872	0.79091	1.07349	1.07349	0.345652	0.771663	-1.2959
cg02773945	NR5A2;NR5A2	0.0262826	0.373881	1.93499	1.93499	0.213649	2.57789	2.57789	0.0700301	4.3269	4.3269	0.268382	2.30177	2.30177	0.0460861	5.22226	5.22226
cg17520027	NR5A2;NR5A2	0.0323746	0.0863279	1.67052	1.67052	0.871596	1.04478	1.04478	0.462764	0.816752	-1.22436	0.826479	1.06126	1.06126	0.91271	0.970741	-1.03014
cg06880420	NR5A2;NR5A2	0.0357073	0.127455	0.427592	-2.33868	0.227529	0.52049	-1.92127	0.0158611	0.218063	-4.58582	0.0762713	0.361799	-2.76397	0.0172518	0.224163	-4.46104
cg17873998	NR5A2;NR5A2	0.0379985	0.496004	1.10538	1.10538	0.00123446	1.98301	1.98301	0.00950623	1.60987	1.60987	0.625248	1.07395	1.07395	0.111604	1.28551	1.28551
cg10098523	NR5A2;NR5A2	0.0451745	0.319868	0.614459	-1.62745	0.597706	0.777005	-1.28699	0.243785	0.561131	-1.78212	0.0195177	0.262525	-3.80916	0.104958	0.43195	-2.31508
cg15062377	NR5A2;NR5A2	0.0453466	0.0184309	4.06349	4.06349	0.0431314	3.13001	3.13001	0.306647	1.68035	1.68035	0.462737	0.69311	-1.44277	0.0563393	2.88547	2.88547
cg10513702	NR5A2;NR5A2	0.0492841	0.104562	9.83883	9.83883	0.749964	1.50988	1.50988	0.22996	5.06908	5.06908	0.02926	27.381	27.381	0.478842	2.52893	2.52893
cg01246632	NR6A1;MIR181A2;MIR181B2;NR6A1	0.0017336	0.399437	0.917099	-1.0904	0.00020122	0.534814	-1.86981	0.00468415	0.685822	-1.4581	0.928987	0.991098	-1.00898	0.309173	1.11136	1.11136
cg13601993	NR6A1;NR6A1	0.00499735	0.000231648	0.129871	-7.69995	0.179006	1.61102	1.61102	0.757742	0.901811	-1.10888	0.217426	0.648259	-1.54259	0.0537208	0.48108	-2.07866
cg14590644	NR6A1;NR6A1	0.0128939	0.0169465	0.661749	-1.51115	0.220023	0.832922	-1.20059	0.411272	0.887714	-1.12649	0.418078	1.12446	1.12446	0.093265	1.29918	1.29918
cg13886752	NR6A1;NR6A1	0.0281382	0.156288	0.772623	-1.29429	0.854411	0.969239	-1.03174	0.00390403	0.516415	-1.93643	0.259428	0.818632	-1.22155	0.00175213	0.468309	-2.13534
cg14766145	NRAP;NRAP	0.00096776	0.656658	1.06301	1.06301	0.00316551	0.576568	-1.7344	0.00169393	0.541977	-1.8451	0.0294088	0.704447	-1.41955	0.000334312	0.453709	-2.20405
cg21630790	NRAP;NRAP	0.00423662	0.651855	0.916204	-1.09146	0.0221228	1.69669	1.69669	0.996559	0.999169	-1.00083	0.01605	0.566742	-1.76447	0.00610189	0.501705	-1.9932
cg08354406	NRAP;NRAP	0.0142859	0.00542685	0.391496	-2.55431	0.221474	1.39011	1.39011	0.492868	0.836522	-1.19543	0.0462092	0.556881	-1.79572	0.00167624	0.316155	-3.16301
cg26101767	NRAP;NRAP	0.0373183	0.0895856	0.750755	-1.33199	0.196532	1.23265	1.23265	0.491846	1.11286	1.11286	0.567381	0.915261	-1.09258	0.063397	1.3768	1.3768
cg17841545	NRAP;NRAP	0.0467671	0.534038	0.832241	-1.20158	0.00967695	2.59739	2.59739	0.648941	1.14297	1.14297	0.0918751	0.582119	-1.71786	0.0156466	0.421469	-2.37265
cg09337709	NRAP;NRAP;NRAP;NRAP	0.000189099	0.000157567	0.216346	-4.62223	0.187386	1.39221	1.39221	0.000563773	0.282007	-3.54601	0.00344456	0.390339	-2.56188	0.211117	0.731977	-1.36616
cg06109083	NRARP	0.0122912	0.378379	0.868311	-1.15166	0.030222	1.48903	1.48903	0.000578648	2.29742	2.29742	0.179531	1.24949	1.24949	0.974743	1.00496	1.00496
cg19427701	NRARP	0.0329257	0.299941	0.853731	-1.17133	0.0122175	1.58348	1.58348	0.620581	1.07623	1.07623	0.537139	0.912108	-1.09636	0.448188	0.892444	-1.12052
cg13882795	NRARP;NRARP	0.00121345	?	?	?	0.435626	0.657465	-1.52099	0.270926	0.546439	-1.83003	2.62E-05	0.0124532	-80.3005	0.283287	0.555563	-1.79998
cg02252672	NRARP;NRARP	0.0270011	0.658787	1.02961	1.02961	0.879572	1.01001	1.01001	0.119564	0.895012	-1.1173	0.929164	1.00586	1.00586	0.0269193	1.18778	1.18778
cg24884887	NRAS	0.0231385	0.161299	0.810789	-1.23337	0.282497	1.16951	1.16951	0.747047	1.04642	1.04642	0.243623	1.18655	1.18655	0.0190785	0.671797	-1.48855
cg22427477	NRAS;NRAS	0.00554532	0.232124	0.66432	-1.5053	0.00180393	4.59102	4.59102	0.000338364	7.59859	7.59859	0.284083	1.43714	1.43714	0.189248	1.57554	1.57554
cg13216112	NRBF2	0.00124737	0.00171461	0.0782809	-12.7745	0.000980593	0.0614427	-16.2753	0.0296723	0.232981	-4.2922	0.0296065	0.232797	-4.29559	0.00428212	0.113643	-8.79949
cg23221090	NRBF2	0.00320842	0.0853546	0.492408	-2.03084	0.00198934	0.19664	-5.08544	0.0558763	0.446269	-2.2408	0.215523	0.615348	-1.6251	0.00583432	0.260637	-3.83675
cg05393736	NRBF2	0.00813295	0.00331388	0.110916	-9.0158	0.822735	0.883943	-1.1313	0.0192488	0.210816	-4.74347	0.880309	0.920497	-1.08637	0.370513	1.65794	1.65794
cg10234776	NRBF2	0.0100968	0.291666	1.12649	1.12649	0.217738	1.1516	1.1516	0.0755615	0.806262	-1.24029	0.180876	0.856707	-1.16726	0.102375	0.82317	-1.21482
cg05716599	NRBF2	0.0235425	0.488486	1.25392	1.25392	0.0373685	2.21092	2.21092	0.101571	1.79163	1.79163	0.153417	1.64137	1.64137	0.00302764	0.253453	-3.9455
cg15825287	NRBF2	0.0399654	0.101044	0.761138	-1.31382	0.317431	1.17008	1.17008	0.719205	1.05641	1.05641	0.0180515	0.64626	-1.54736	0.167245	1.25078	1.25078
cg09041916	NRBF2	0.0448203	0.686671	0.923848	-1.08243	0.1733	1.32712	1.32712	0.353617	1.20493	1.20493	0.93573	1.01588	1.01588	0.679773	0.922126	-1.08445
cg14220394	NRBF2;NRBF2	0.0458085	0.452055	1.26338	1.26338	0.185822	1.53431	1.53431	0.0497133	1.98008	1.98008	0.0791214	1.8128	1.8128	0.0561286	0.516782	-1.93505
cg09131844	NRBP1	1.51E-05	1.29E-07	0.0151031	-66.2116	0.12926	0.663126	-1.50801	0.276141	0.752848	-1.32829	0.27532	1.32899	1.32899	0.617052	0.881316	-1.13467
cg05385684	NRBP1	0.000371078	0.000611813	0.509488	-1.96276	0.075977	0.777014	-1.28698	0.000432876	2.03614	2.03614	0.134039	1.2293	1.2293	0.153141	1.21585	1.21585
cg08242000	NRBP2	5.01E-06	0.620659	1.10659	1.10659	0.0720614	0.665244	-1.50321	0.0012996	0.386362	-2.58825	0.401673	0.840083	-1.19036	0.0851219	0.679456	-1.47177
cg13283896	NRBP2	1.25E-05	0.645841	0.937473	-1.0667	0.0149459	1.51826	1.51826	1.70E-05	0.291854	-3.42637	0.00433131	1.70245	1.70245	0.316586	0.865479	-1.15543
cg21709871	NRBP2	0.000238604	0.0912474	1.42409	1.42409	0.000190326	0.302588	-3.30482	0.00357321	2.11733	2.11733	0.151023	1.33975	1.33975	0.120019	0.725735	-1.37791
cg20367404	NRBP2	0.000240351	0.34665	1.23168	1.23168	0.82098	0.952434	-1.04994	0.000117903	0.234727	-4.26027	0.000165502	0.251546	-3.97541	0.132009	0.705	-1.41844
cg00433404	NRBP2	0.000251038	0.147026	0.875963	-1.1416	0.000261493	0.600029	-1.66659	0.000698001	0.643996	-1.55281	0.74437	0.972541	-1.02823	0.0263579	0.799215	-1.25123
cg02624737	NRBP2	0.000740392	0.169794	1.31488	1.31488	0.668403	1.08401	1.08401	0.0743513	0.68922	-1.45092	0.114866	0.725453	-1.37845	2.39E-05	0.206507	-4.84245
cg23938731	NRBP2	0.000762383	0.107584	0.599652	-1.66763	0.170489	0.653722	-1.5297	0.592242	0.854327	-1.17051	0.821071	1.06819	1.06819	0.00299799	0.305634	-3.27188
cg20222666	NRBP2	0.00561305	0.804477	1.08216	1.08216	0.00175339	4.13562	4.13562	0.0293941	2.2631	2.2631	0.02399	2.35665	2.35665	0.205976	0.653958	-1.52915
cg04789747	NRBP2	0.00757819	0.00217003	0.258808	-3.86387	0.848884	1.06176	1.06176	0.096881	1.77264	1.77264	0.874702	1.05082	1.05082	0.98674	0.994793	-1.00523
cg00693884	NRBP2	0.00841846	0.000871296	0.58066	-1.72218	0.521388	0.931705	-1.0733	0.916583	0.988661	-1.01147	0.0266791	0.751387	-1.33087	0.0450488	0.778555	-1.28443
cg00630892	NRBP2	0.0110008	0.004061	4.14347	4.14347	0.00312538	4.433	4.433	0.0688715	2.11753	2.11753	0.0220701	2.74999	2.74999	0.0537931	2.2409	2.2409
cg06454592	NRBP2	0.0157451	0.300965	0.767917	-1.30222	0.0102667	2.21905	2.21905	0.00343502	2.66251	2.66251	0.670568	1.11118	1.11118	0.488349	0.840756	-1.18941
cg21414636	NRBP2	0.0174475	0.400984	0.840434	-1.18986	0.267005	0.791485	-1.26345	0.0144947	0.543839	-1.83878	0.642862	0.909894	-1.09903	0.53774	1.13448	1.13448
cg00061150	NRBP2	0.0445412	0.887713	0.978237	-1.02225	0.0132493	0.619964	-1.613	0.0142429	1.60137	1.60137	0.63748	1.07672	1.07672	0.141551	0.781776	-1.27914
cg00083765	NRBP2	0.0462424	0.172191	0.709953	-1.40854	0.0207356	0.518707	-1.92787	0.0859994	1.56399	1.56399	0.238848	0.747664	-1.3375	0.869345	0.961935	-1.03957
cg17328794	NRBP2	0.0497704	0.182799	0.808456	-1.23693	0.485795	1.11241	1.11241	0.874217	0.976454	-1.02411	0.671168	1.06634	1.06634	0.652458	0.934088	-1.07056
cg17885062	NRCAM;NRCAM	0.00112882	0.00082314	0.760231	-1.31539	0.110214	1.09933	1.09933	0.00184357	1.27197	1.27197	0.307173	0.944116	-1.05919	0.0414918	0.879954	-1.13642
cg26573382	NRCAM;NRCAM	0.00460755	0.0850993	0.371631	-2.69084	9.64E-05	0.0271362	-36.8511	0.0137614	0.20527	-4.87163	0.355687	0.610199	-1.63881	0.143926	0.442064	-2.26211
cg06269204	NRCAM;NRCAM	0.00550683	0.00925421	0.623489	-1.60388	0.420916	0.889047	-1.1248	0.0487997	1.37967	1.37967	0.00746562	0.610971	-1.63674	0.00397691	0.574731	-1.73995
cg24429533	NRCAM;NRCAM	0.00638921	0.21018	0.642918	-1.55541	0.504396	0.797225	-1.25435	0.0833	0.526585	-1.89903	0.0884848	1.87513	1.87513	0.0182479	0.383455	-2.60787
cg27206665	NRCAM;NRCAM	0.0104184	0.235039	0.65903	-1.51738	0.0014423	4.67842	4.67842	0.0984841	1.83505	1.83505	0.287804	0.690913	-1.44736	0.0273753	0.417096	-2.39753
cg14242526	NRCAM;NRCAM	0.0295754	0.0106781	0.502583	-1.98972	0.0630195	0.63871	-1.56565	0.100492	0.679974	-1.47065	0.549743	0.878326	-1.13853	0.229916	1.31001	1.31001
cg21884374	NRCAM;NRCAM	0.030251	0.0115718	0.222226	-4.49992	0.00512563	0.171781	-5.82138	0.0241932	0.27796	-3.59764	0.0592771	0.362622	-2.75769	0.0225681	0.272233	-3.67333
cg06002804	NRCAM;NRCAM	0.0401411	0.124485	0.607772	-1.64535	0.10973	1.6854	1.6854	0.994183	1.00218	1.00218	0.117742	1.66295	1.66295	0.567611	0.841171	-1.18882
cg23543795	NRCAM;NRCAM	0.041557	0.0501936	0.562883	-1.77657	0.520719	1.18242	1.18242	0.459127	0.823642	-1.21412	0.38631	1.25683	1.25683	0.00782947	0.415395	-2.40735
cg15531930	NRCAM;NRCAM	0.0463041	0.138121	0.407468	-2.45418	0.109885	2.66437	2.66437	0.480452	1.49678	1.49678	0.188967	2.1871	2.1871	0.270752	0.524771	-1.90559
cg07516712	NRCAM;NRCAM;NRCAM	0.00195046	0.363973	1.15447	1.15447	0.00206231	0.512616	-1.95078	0.000659456	0.447843	-2.23292	0.991443	1.00165	1.00165	0.606589	0.923135	-1.08326
cg11747586	NRCAM;NRCAM;NRCAM	0.0154636	0.574174	0.930796	-1.07435	0.265837	0.863762	-1.15773	0.257972	0.861482	-1.16079	0.0298364	1.3811	1.3811	0.993517	1.00103	1.00103
cg03514928	NRCAM;NRCAM;NRCAM	0.015687	0.940852	1.01004	1.01004	0.197409	1.20128	1.20128	0.372148	0.88398	-1.13125	0.000861904	1.96075	1.96075	0.125043	0.799736	-1.25041
cg20967006	NRD1;NRD1	0.00308171	0.000935341	0.371205	-2.69393	0.0074279	0.500616	-1.99754	0.00747724	0.501058	-1.99578	0.057977	0.65047	-1.53735	0.0370517	0.615162	-1.62559
cg02050181	NRD1;NRD1	0.00383168	0.0164891	0.531843	-1.88026	0.481633	1.16666	1.16666	0.0406789	1.66412	1.66412	0.138058	0.708827	-1.41078	0.00015542	0.2476	-4.03878
cg19899065	NRD1;NRD1	0.00498955	0.468983	1.12469	1.12469	0.462697	0.8876	-1.12663	0.949252	0.9899	-1.0102	0.0137615	1.62536	1.62536	0.168986	0.791571	-1.26331
cg10482750	NRD1;NRD1	0.00528964	0.0108701	1.34191	1.34191	0.811972	0.978322	-1.02216	0.00158287	0.658938	-1.51759	0.815945	1.02167	1.02167	0.00509884	1.40551	1.40551
cg07156238	NRD1;NRD1	0.00790864	0.045482	0.438939	-2.27822	0.639704	0.844309	-1.1844	0.333479	0.699015	-1.43058	0.672311	0.858373	-1.16499	0.000567286	0.147069	-6.79955
cg06342283	NRD1;NRD1	0.0124703	0.0685325	0.82131	-1.21757	0.189038	1.14377	1.14377	0.810428	1.02347	1.02347	0.0405794	1.25645	1.25645	0.430125	1.08085	1.08085
cg07921314	NRF1	0.0168903	0.00923333	0.132876	-7.52583	0.0079065	0.124831	-8.01083	0.117597	0.354116	-2.82393	0.808083	0.861877	-1.16026	0.0143958	0.158417	-6.31247
cg01307483	NRF1	0.0320509	0.0633928	0.545964	-1.83162	0.00341566	0.315578	-3.16879	0.0108841	0.395813	-2.52644	0.834882	1.06238	1.06238	0.0729148	0.559938	-1.78591
cg17895903	NRF1;NRF1	0.00268417	0.299814	0.843099	-1.1861	0.529163	0.903696	-1.10657	0.234905	1.21866	1.21866	0.000222345	0.376639	-2.65506	0.0213964	0.644585	-1.55138
cg03613531	NRF1;NRF1	0.0104442	0.0650927	0.767594	-1.30277	0.316041	0.876007	-1.14154	0.00114843	0.543187	-1.84099	0.13073	0.811878	-1.23171	0.00216924	0.577232	-1.7324
cg03896273	NRF1;NRF1	0.0144275	0.0440627	0.550275	-1.81727	0.0305158	1.92776	1.92776	0.544066	1.1718	1.1718	0.123599	0.650105	-1.53821	0.00413245	0.370501	-2.69905
cg09342997	NRF1;NRF1	0.0362291	0.0193291	0.560446	-1.78429	0.0448975	0.624284	-1.60183	0.0186488	0.55785	-1.7926	0.320652	0.810562	-1.23371	0.00388816	0.451236	-2.21613
cg22499348	NRF1;NRF1	0.0469437	0.141228	0.8384	-1.19275	0.529673	0.931528	-1.07351	0.0616042	0.790934	-1.26433	0.622191	0.946174	-1.05689	0.0584199	0.788032	-1.26898
cg04555373	NRG1	3.42E-05	0.68443	0.945073	-1.05812	0.0457447	1.37252	1.37252	0.0151488	1.51065	1.51065	0.0914454	0.773391	-1.29301	0.282949	0.857063	-1.16678
cg21968599	NRG1	0.000253859	0.887572	1.01987	1.01987	0.0821545	0.764983	-1.30722	6.75E-05	0.362406	-2.75934	0.0196368	1.48014	1.48014	0.0609779	0.745456	-1.34146
cg25050565	NRG1	0.00030018	3.61E-05	0.153308	-6.52282	0.0352739	0.561267	-1.78168	0.000337891	0.256425	-3.89978	0.000989754	0.315722	-3.16734	0.00152591	0.341343	-2.92961
cg08776832	NRG1	0.000861914	0.984638	1.00223	1.00223	0.14574	0.834617	-1.19815	0.0692395	1.26525	1.26525	0.722995	1.04205	1.04205	0.0243118	0.732931	-1.36439
cg06397379	NRG1	0.00188339	0.00950253	0.553858	-1.80552	0.0856579	0.710611	-1.40724	0.00112688	0.422296	-2.368	0.391375	0.853912	-1.17108	0.0184545	0.598093	-1.67198
cg23964820	NRG1	0.00353793	0.00178386	0.154354	-6.47862	0.0408096	0.37076	-2.69716	0.0892	0.454938	-2.1981	0.0815698	0.444347	-2.25049	0.00446849	0.203256	-4.91992
cg05303728	NRG1	0.00359244	0.543274	1.05099	1.05099	0.000635702	0.654349	-1.52824	0.667795	0.965703	-1.03552	0.0145896	0.784165	-1.27524	0.0200972	0.797182	-1.25442
cg07214270	NRG1	0.00474357	0.49344	0.831251	-1.20301	0.000294678	0.20867	-4.79226	0.208376	0.702957	-1.42256	0.539001	0.84765	-1.17973	0.00675691	0.393344	-2.5423
cg08122807	NRG1	0.00677514	0.815825	1.05767	1.05767	0.000863142	0.300578	-3.32693	0.253509	0.750817	-1.33188	0.815951	0.945508	-1.05763	0.254891	0.751498	-1.33068
cg20369838	NRG1	0.00763137	0.330342	1.35179	1.35179	0.0321887	2.12311	2.12311	0.0689903	0.542993	-1.84164	0.132608	1.62739	1.62739	0.573819	0.84321	-1.18594
cg05072063	NRG1	0.0102718	0.0777615	0.740395	-1.35063	0.993692	0.998789	-1.00121	0.155994	0.792371	-1.26204	0.0630449	0.725696	-1.37799	0.00126539	0.486078	-2.05728
cg13618529	NRG1	0.0136539	0.986594	0.99404	-1.006	0.0239169	0.383353	-2.60856	0.0824627	0.504386	-1.98261	0.471485	0.770574	-1.29773	0.00378943	0.249145	-4.01373
cg11791144	NRG1	0.0348704	0.244599	0.578872	-1.7275	0.02457	0.300407	-3.32882	0.0420372	0.349179	-2.86386	0.567053	0.77117	-1.29673	0.00323706	0.164685	-6.07219
cg22626985	NRG1	0.0436438	0.0845685	0.649126	-1.54053	0.616257	0.891851	-1.12126	0.211711	0.742296	-1.34717	0.0601344	0.618594	-1.61657	0.0254592	0.547988	-1.82486
cg24466229	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.027064	0.202875	0.74357	-1.34486	0.367316	1.22644	1.22644	0.593038	1.12626	1.12626	0.0920589	0.664488	-1.50492	0.340558	0.805349	-1.2417
cg22865798	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.000343908	0.127641	0.815842	-1.22573	0.211151	1.17678	1.17678	0.227265	0.855028	-1.16955	0.00704939	0.650287	-1.53778	0.000777685	0.533529	-1.87431
cg16734451	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.00109248	0.00353755	0.622583	-1.60621	0.0295133	0.735515	-1.35959	0.684409	0.952203	-1.0502	0.115953	0.814829	-1.22725	3.43E-05	0.382521	-2.61423
cg03349819	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0104074	0.0350515	1.96576	1.96576	0.020639	2.16278	2.16278	0.047331	0.536522	-1.86386	0.622337	1.14286	1.14286	0.288015	1.34722	1.34722
cg17661135	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0119846	0.111253	0.534841	-1.86972	0.00370956	0.243114	-4.11329	0.0068238	0.282478	-3.54009	0.338393	0.700491	-1.42757	0.0240626	0.378844	-2.63961
cg19162158	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0151916	0.611621	1.08896	1.08896	0.811415	1.04058	1.04058	0.0335911	1.51154	1.51154	0.230739	1.23275	1.23275	0.584745	1.09619	1.09619

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22515278	0.406678	1.16698	1.16698	0.844529	0.964913	-1.03636	5.69E-07	12.3667	12.3667	0.926244	0.983298	-1.01699	24.3998	12.7885	0.465887	1
cg23996829	0.738299	1.07674	1.07674	0.0059359	0.452279	-2.21103	1.60E-06	14.3793	14.3793	0.209335	0.746924	-1.33882	24.3372	18.7432	0.684573	1
cg10506445	0.0040301	0.360489	-2.77401	1.58E-06	0.0408393	-24.4862	0.157354	0.670734	-1.49091	0.000667671	0.252759	-3.95633	22.7371	25.121	0.982085	1
cg04857472	0.105658	0.741621	-1.3484	0.000278602	0.365841	-2.73343	0.425496	1.14754	1.14754	0.00072112	0.418915	-2.38712	18.8864	8.55455	0.402619	1
cg04097639	0.398824	0.77341	-1.29297	0.000505014	0.198477	-5.03837	6.80E-06	19.4919	19.4919	0.118151	1.65644	1.65644	18.3364	25.6961	1.24566	1
cg07926895	5.80E-05	0.184305	-5.4258	3.80E-05	0.166373	-6.01061	0.00971906	0.4761	-2.1004	0.00149115	0.353718	-2.82711	17.7404	14.4647	0.724757	1
cg18126097	0.0313629	0.494452	-2.02244	6.75E-06	0.0615759	-16.2401	0.233753	0.705957	-1.41652	0.0154099	0.436381	-2.29158	17.2047	21.199	1.09526	1
cg02457750	0.00298604	0.569774	-1.75508	0.000465527	0.467602	-2.13857	0.0333475	1.40977	1.40977	0.12914	0.797358	-1.25414	16.4926	4.98155	0.268486	1
cg07208853	0.0205915	2.0024	2.0024	0.0150889	0.475441	-2.10331	0.000873233	3.46586	3.46586	0.17314	1.43459	1.43459	14.9482	14.6742	0.872592	1
cg21851672	0.00577946	0.358296	-2.79099	1.31E-05	0.0747124	-13.3847	0.0496861	1.88795	1.88795	0.00703495	0.371973	-2.68837	14.775	18.8512	1.13412	1
cg00001583	0.572454	0.727859	-1.37389	0.278392	0.533814	-1.87331	1.06E-05	188.75	188.75	0.39808	1.61909	1.61909	13.7056	67.326	4.36647	1
cg24352938	0.62788	0.904773	-1.10525	6.61E-05	0.223295	-4.47838	0.189832	1.3291	1.3291	0.0274307	0.58598	-1.70654	12.5979	8.37483	0.590914	1
cg18313543	0.00508714	0.277816	-3.5995	5.91E-05	0.0764313	-13.0836	0.0387863	0.437071	-2.28796	0.0138192	0.349072	-2.86474	12.5921	23.8607	1.68435	1
cg21540765	0.115798	1.27961	1.27961	0.000144934	0.38917	-2.56957	0.0137936	1.55121	1.55121	0.00357619	1.76681	1.76681	10.4589	3.44598	0.292869	1
cg23455785	0.504634	0.872372	-1.1463	0.036675	1.63161	1.63161	0.119065	0.710947	-1.40657	0.00751353	0.499665	-2.00134	10.4271	6.71618	0.572541	1
cg05470502	0.809626	0.927756	-1.07787	0.383374	1.32012	1.32012	2.84E-05	12.894	12.894	0.0404208	2.08643	2.08643	9.47887	14.4915	1.35896	1
cg06244002	0.322312	0.841623	-1.18818	0.133593	0.761187	-1.31374	0.000251371	2.76818	2.76818	0.0580938	1.43508	1.43508	7.85593	3.53877	0.400408	1
cg24553673	0.459122	0.731571	-1.36692	0.200338	0.570686	-1.75228	0.000159326	14.5304	14.5304	0.051409	2.50837	2.50837	7.71054	20.9972	2.4206	1
cg13229857	0.00265867	0.153848	-6.49992	0.000253514	0.0661599	-15.1149	0.0709229	0.403038	-2.48116	0.0160486	0.265196	-3.7708	7.13306	22.915	2.85557	1
cg04308769	0.0855353	0.489811	-2.0416	0.000426967	0.123146	-8.12045	0.37871	0.712376	-1.40375	0.0229042	0.359821	-2.77916	6.64553	14.8428	1.98534	1
cg17804356	0.0363997	3.89314	3.89314	0.107435	0.374618	-2.66939	0.000438825	22.2799	22.2799	0.910851	1.06459	1.06459	6.53841	32.3379	4.3963	1
cg18203366	0.00988659	0.515923	-1.93827	0.00844568	0.505204	-1.9794	0.00101446	2.69063	2.69063	0.936047	1.01643	1.01643	6.52354	4.25888	0.580309	1
cg14025556	0.19649	0.819407	-1.2204	0.00261127	0.544432	-1.83678	0.0682072	1.34691	1.34691	0.0486681	1.38876	1.38876	6.33918	2.13549	0.299442	1
cg25306277	0.983703	0.990275	-1.00982	0.0172505	0.249571	-4.00688	0.10365	2.34313	2.34313	0.0287555	3.43506	3.43506	6.22713	22.576	3.2226	1
cg19713947	0.00599451	0.354704	-2.81925	0.000937156	0.240572	-4.15676	0.0323895	0.485342	-2.0604	0.0473874	0.519638	-1.92442	6.1011	8.04731	1.17244	1
cg00026457	0.579967	1.07373	1.07373	?	?	?	0.0575179	1.31435	1.31435	0.0513092	1.32627	1.32627	5.67054	1.29269	0.227965	1
cg05391318	0.507236	1.56476	1.56476	?	?	?	0.000169562	70.5543	70.5543	0.316255	1.99276	1.99276	5.63491	35.1312	6.23456	1
cg17486263	0.485715	1.44947	1.44947	0.505339	0.701751	-1.42501	0.000298234	21.854	21.854	0.225055	1.94976	1.94976	5.46817	23.7799	3.86558	1
cg15130541	0.329921	0.674699	-1.48214	0.367478	0.696065	-1.43665	0.00315799	4.84842	4.84842	0.158057	1.80518	1.80518	5.25751	12.7542	2.15635	1
cg04605987	0.0187705	0.244595	-4.0884	0.00323764	0.137239	-7.28658	0.37988	0.640528	-1.56121	0.0104563	0.203136	-4.92281	5.1905	20.1037	3.44282	1
cg02901753	0.331892	1.11607	1.11607	0.0219629	1.35186	1.35186	0.943192	1.00785	1.00785	0.00736935	1.46056	1.46056	5.12785	0.977298	0.16941	1
cg13476077	0.187372	0.494126	-2.02377	0.189968	0.49641	-2.01446	0.00194922	9.11918	9.11918	0.703309	1.21295	1.21295	5.11731	20.6292	3.58333	1
cg15198094	0.0491257	0.462655	-2.16144	0.00785039	0.310156	-3.22418	0.324315	1.41809	1.41809	0.405841	0.746887	-1.33889	4.53027	8.44978	1.65794	1
cg23258678	0.973682	1.01623	1.01623	0.0962764	0.410122	-2.4383	0.0396284	3.19401	3.19401	0.510045	1.38559	1.38559	4.49198	16.9454	3.35321	1
cg03257172	0.976247	0.992085	-1.00798	0.100684	0.618868	-1.61585	0.00150418	3.38942	3.38942	0.142003	1.52398	1.52398	4.35563	4.91339	1.00272	1
cg02773945	0.653023	1.38716	1.38716	0.161176	0.33885	-2.95116	0.000958859	35.0683	35.0683	0.166098	2.90945	2.90945	4.28186	35.4656	7.36245	1
cg17520027	0.175917	0.677255	-1.47655	0.0194969	0.465509	-2.14818	0.00329684	2.95688	2.95688	0.787023	1.07609	1.07609	3.97727	4.61965	1.03246	1
cg06880420	0.201844	0.499228	-2.00309	0.00214035	0.108277	-9.23561	0.617525	0.77143	-1.29629	0.31781	0.587277	-1.70277	3.83919	16.1559	3.74058	1
cg17873998	0.32819	1.15752	1.15752	0.718165	1.05393	1.05393	0.400141	1.13296	1.13296	0.543147	1.09331	1.09331	3.75319	1.24867	0.295729	1
cg10098523	0.0221418	0.272616	-3.66816	0.00378631	0.157113	-6.36483	0.0601324	0.366175	-2.73093	0.0818419	0.401083	-2.49325	3.52042	12.5158	3.16019	1
cg15062377	0.358748	0.629535	-1.58847	0.220736	0.531891	-1.88008	0.0179394	4.0978	4.0978	0.483198	1.41829	1.41829	3.51541	13.3888	3.38544	1
cg10513702	0.223908	0.192711	-5.18912	0.38346	0.316099	-3.16357	0.00659338	94.2491	94.2491	0.0520202	17.2637	17.2637	3.40674	89.6042	23.3796	1
cg01246632	0.441618	1.0819	1.0819	0.00188212	1.556	1.556	0.171675	1.15717	1.15717	0.993463	1.00082	1.00082	10.0507	1.60207	0.141688	1
cg13601993	0.0783809	0.520403	-1.92159	0.0252546	0.411177	-2.43204	0.00329276	0.262483	-3.80977	0.180981	0.62223	-1.60712	7.33978	12.9714	1.5709	1
cg14590644	0.258125	1.18208	1.18208	0.579369	0.923694	-1.08261	0.0018873	0.535551	-1.86724	0.0108441	0.635368	-1.57389	5.4447	1.73297	0.282921	1
cg13886752	0.864098	1.02957	1.02957	0.341462	0.846423	-1.18144	0.278146	0.825451	-1.21146	0.786766	1.0472	1.0472	4.18052	1.91572	0.407332	1
cg14766145	0.0547393	0.742619	-1.34658	0.00997085	1.55959	1.55959	0.580733	0.926641	-1.07917	0.00137674	0.530581	-1.88473	11.8763	3.50843	0.26259	1
cg21630790	0.00252725	0.445825	-2.24303	0.00124319	0.402872	-2.48218	0.804942	0.953441	-1.04883	0.253772	0.794817	-1.25815	7.71742	4.53807	0.522693	1
cg08354406	0.457211	0.823616	-1.21416	0.0116583	0.445761	-2.24335	0.178168	0.693029	-1.44294	0.619271	0.879515	-1.13699	5.26476	5.47753	0.924813	1
cg26101767	0.368541	1.15196	1.15196	0.0197765	1.53895	1.53895	0.0113245	1.62539	1.62539	0.032945	1.46532	1.46532	3.77804	1.40388	0.330301	1
cg17841545	0.551489	0.838892	-1.19205	0.0880357	0.577586	-1.73134	0.572677	0.846873	-1.18082	0.808696	0.931719	-1.07328	3.47491	4.67883	1.19685	1
cg09337709	3.08E-05	0.145608	-6.86777	0.000371866	0.259601	-3.85206	0.483531	1.18367	1.18367	0.012931	0.481579	-2.0765	18.6523	16.5669	0.789507	1
cg06109083	0.489282	1.11599	1.11599	0.859744	0.972745	-1.02802	0.00591135	1.75526	1.75526	0.264149	1.19944	1.19944	5.53026	2.13806	0.343654	1
cg19427701	0.0106764	0.623447	-1.60399	0.276885	0.846631	-1.18115	0.272538	1.18309	1.18309	0.0488332	1.39263	1.39263	3.95325	1.35694	0.305108	1
cg13882795	?	?	?	0.0167204	0.21437	-4.66483	0.320121	0.581784	-1.71885	0.435513	1.52116	1.52116	11.7284	40.162	3.91352	1
cg02252672	0.389538	0.943739	-1.05961	0.059188	0.86945	-1.15015	0.0944035	0.886262	-1.12833	0.00515639	1.27451	1.27451	4.24161	0.289703	0.0607113	1
cg24884887	0.00143577	0.524033	-1.90828	0.0778596	0.759775	-1.31618	0.478236	0.903854	-1.10637	0.770764	0.959863	-1.04182	4.47558	1.39346	0.276753	1
cg22427477	0.066966	1.96859	1.96859	0.751623	1.10841	1.10841	0.243898	0.671818	-1.4885	0.170427	1.61223	1.61223	8.22294	13.3828	1.26583	1
cg13216112	0.00694497	0.136981	-7.30028	0.000197904	0.0284644	-35.1315	0.000959028	0.0608378	-16.4372	0.0183572	0.196193	-5.09703	11.0489	56.6831	4.56017	1
cg23221090	0.00742219	0.276775	-3.61304	0.000500458	0.131629	-7.59714	0.00138988	0.178015	-5.61749	0.023154	0.363736	-2.74925	8.38888	18.4342	1.9533	1
cg05393736	0.187204	0.463681	-2.15666	0.00373953	0.116201	-8.6058	0.00290931	0.10544	-9.48409	0.0183488	0.20733	-4.82324	6.31131	30.214	4.25536	1
cg10234776	0.199427	1.15904	1.15904	0.00252925	0.633603	-1.57828	0.00215249	0.6256	-1.59846	0.797014	1.02846	1.02846	5.89243	1.10596	0.166836	1
cg05716599	0.865561	0.947092	-1.05586	0.282227	0.697291	-1.43412	0.345933	0.731433	-1.36718	0.0732609	1.91886	1.91886	4.93323	7.86951	1.24072	1
cg15825287	0.0652861	1.36959	1.36959	0.603958	0.923545	-1.08278	0.251032	1.19995	1.19995	0.0231333	0.661831	-1.51096	3.68431	1.34796	0.325213	1
cg09041916	0.67009	0.919701	-1.08731	0.0101441	0.53078	-1.88402	0.225304	1.28241	1.28241	0.0079361	1.94433	1.94433	3.53081	2.13348	0.537107	1
cg14220394	0.0728327	1.84164	1.84164	0.0340811	0.470136	-2.12704	0.195298	1.5189	1.5189	0.509401	1.22659	1.22659	3.50207	5.16494	1.31096	1
cg09131844	0.0297677	1.89831	1.89831	0.742863	1.086	1.086	0.936839	1.02006	1.02006	0.221862	0.724869	-1.37956	36.445	36.2508	0.884153	1
cg05385684	0.000385505	0.484985	-2.06192	0.0466294	1.33789	1.33789	0.170811	1.20482	1.20482	0.00815095	1.54135	1.54135	15.5177	4.01164	0.229796	1
cg08242000	3.67E-08	0.018531	-53.9637	0.568004	1.1243	1.1243	0.0656311	0.657425	-1.52109	0.567225	0.889225	-1.12457	48.5222	31.6723	0.580211	1
cg13283896	2.74E-05	0.31536	-3.17097	4.54E-06	0.22989	-4.3499	0.985523	0.997472	-1.00253	4.63E-05	0.341933	-2.92455	38.2581	11.7976	0.274106	1
cg21709871	0.224328	0.784579	-1.27457	0.000346603	0.334906	-2.98591	0.000133121	0.283943	-3.52183	0.386672	1.18372	1.18372	17.5111	10.019	0.508579	1
cg20367404	0.000115708	0.233811	-4.27695	0.000346792	0.290131	-3.44672	0.256635	0.775236	-1.28993	0.00165452	0.379791	-2.63303	17.4763	12.797	0.650886	1
cg00433404	0.00252875	1.42865	1.42865	0.000302504	1.64846	1.64846	0.21725	0.895411	-1.11681	0.00846436	0.751215	-1.33118	17.2705	1.98078	0.101949	1
cg02624737	0.147236	0.747406	-1.33796	0.011	1.81698	1.81698	0.0470894	1.53015	1.53015	0.106044	0.7186	-1.39159	12.8078	7.10832	0.493332	1
cg23938731	0.614796	1.15924	1.15924	0.000106999	0.136649	-7.31804	0.000864735	0.233133	-4.28939	0.00023027	0.168461	-5.93608	12.703	17.0616	1.19388	1
cg20222666	0.0398011	0.469242	-2.1311	0.0222024	2.39347	2.39347	0.00522145	3.23214	3.23214	0.100067	1.77472	1.77472	7.08314	11.3692	1.42676	1
cg04789747	0.000470426	0.177927	-5.62029	0.219167	0.666347	-1.50072	0.572682	0.83605	-1.1961	0.976501	1.0093	1.0093	6.453	10.0858	1.3893	1
cg00693884	0.0892588	1.22624	1.22624	0.839322	0.978145	-1.02234	0.0054169	0.671412	-1.4894	0.0416644	0.774456	-1.29123	6.243	1.17133	0.166776	1
cg00630892	0.633759	0.837887	-1.19348	0.0337925	2.49262	2.49262	0.00721951	3.58788	3.58788	0.0277871	2.60735	2.60735	5.73239	12.3279	1.91162	1
cg06454592	0.0710441	0.608423	-1.64359	0.480488	1.19328	1.19328	0.029962	1.87608	1.87608	0.06503	1.66606	1.66606	5.09813	4.90186	0.854668	1
cg21414636	0.105558	0.699389	-1.42982	0.00054441	0.337324	-2.96451	0.194667	0.757736	-1.31972	0.039915	0.618626	-1.61649	4.92643	3.19047	0.575665	1
cg00061150	0.100343	0.755512	-1.32361	0.329156	1.16982	1.16982	0.278704	0.839111	-1.19174	0.308936	0.848746	-1.17821	3.53907	1.35951	0.341461	1
cg00083765	0.0302448	0.548489	-1.82319	0.169285	0.708084	-1.41226	0.380052	0.808748	-1.23648	0.0607622	1.64598	1.64598	3.48969	3.07137	0.782335	1
cg17328794	0.312364	0.854546	-1.17021	0.829951	0.968169	-1.03288	0.0431767	0.704779	-1.41888	0.00310109	1.83789	1.83789	3.39406	1.21604	0.318475	1
cg17885062	0.0215988	0.860642	-1.16192	0.00146943	0.778984	-1.28372	0.457524	1.04201	1.04201	0.0489224	1.13012	1.13012	11.3683	0.532803	0.0416601	1
cg26573382	0.16057	0.458709	-2.18003	0.00526021	0.147581	-6.77595	0.0467927	0.306209	-3.26574	0.230073	0.519595	-1.92457	7.52358	32.2117	3.80572	1
cg06269204	0.145869	1.25022	1.25022	0.0151322	1.5325	1.5325	0.468791	0.89994	-1.11118	0.305714	0.859252	-1.1638	7.12484	2.30858	0.288017	1
cg24429533	0.402731	1.3317	1.3317	0.0605748	0.492724	-2.02953	0.000572723	5.95216	5.95216	0.477288	1.27344	1.27344	6.80556	12.0616	1.57539	1
cg27206665	0.705233	0.880452	-1.13578	0.187752	1.59631	1.59631	0.011989	2.8579	2.8579	0.408575	1.32735	1.32735	5.83353	10.3705	1.58021	1
cg14242526	0.714112	1.08207	1.08207	0.0164538	1.87452	1.87452	0.544834	0.876888	-1.1404	0.0685698	0.645946	-1.54812	4.10755	2.98951	0.64694	1
cg21884374	0.856572	0.917421	-1.09001	0.0330901	0.305139	-3.2772	0.350661	0.632785	-1.58032	0.181508	0.508799	-1.96541	4.07475	14.6459	3.19494	1
cg06002804	0.167296	1.55381	1.55381	0.00326905	3.3211	3.3211	0.0475442	1.97091	1.97091	0.291437	1.38782	1.38782	3.67836	5.22153	1.2618	1
cg23543795	0.616607	1.13875	1.13875	0.852808	0.953317	-1.04897	0.0650661	1.70433	1.70433	0.0356239	0.532849	-1.8767	3.63156	3.81064	0.93272	1
cg15531930	0.411429	1.60366	1.60366	0.176996	0.44622	-2.24105	0.00404433	8.76591	8.76591	0.573012	0.725965	-1.37748	3.48794	17.4678	4.45159	1
cg07516712	0.329642	1.16754	1.16754	0.000821521	2.17313	2.17313	0.447329	1.12665	1.12665	0.945112	0.989455	-1.01066	9.71258	3.64692	0.333764	1
cg11747586	0.256858	1.16123	1.16123	0.00994368	0.662816	-1.50872	0.260957	0.862354	-1.15962	0.00182338	0.571427	-1.75	5.12875	1.296	0.224616	1
cg03514928	0.63659	1.06615	1.06615	0.00857121	1.57038	1.57038	0.682951	1.05683	1.05683	0.761622	0.959879	-1.0418	5.1044	1.46439	0.255011	1
cg20967006	0.01552	0.551191	-1.81425	0.000425163	0.326321	-3.06447	0.00466034	0.469978	-2.12776	0.0438893	0.628292	-1.59162	8.49009	5.41461	0.566894	1
cg02050181	0.122347	1.43454	1.43454	0.532553	0.872638	-1.14595	0.249663	0.771606	-1.296	0.239347	0.766788	-1.30414	7.95479	5.85145	0.653857	1
cg19899065	0.000284382	0.388496	-2.57403	0.0173069	0.629787	-1.58784	0.212943	1.2327	1.2327	0.907673	1.01868	1.01868	7.34328	2.9585	0.358121	1
cg10482750	0.0103885	1.34556	1.34556	0.236009	1.12098	1.12098	0.16732	1.14497	1.14497	0.352116	1.09206	1.09206	7.21331	0.966274	0.119073	1
cg07156238	0.0257027	0.386336	-2.58842	0.00207831	0.211023	-4.73881	0.563071	1.23351	1.23351	0.0377627	0.421104	-2.37471	6.36711	12.9932	1.81393	1
cg06342283	0.0618864	1.22505	1.22505	0.00162963	0.646767	-1.54615	0.194771	1.14158	1.14158	0.121659	0.850448	-1.17585	5.50429	0.812499	0.131211	1
cg07921314	0.131838	0.370281	-2.70065	0.00890245	0.130945	-7.63681	0.00599812	0.111524	-8.96665	0.0643356	0.280968	-3.55913	4.98026	29.4277	5.25234	1
cg01307483	0.631911	0.869429	-1.15018	0.0170944	0.430543	-2.32265	0.496163	0.81847	-1.22179	0.697887	0.893075	-1.11973	3.99161	5.31309	1.18317	1
cg17895903	0.0438452	0.692139	-1.4448	0.167995	1.26287	1.26287	0.358891	1.16166	1.16166	0.00148147	0.482725	-2.07157	8.84474	3.53417	0.355181	1
cg03613531	0.492916	0.91491	-1.093	0.361124	1.12737	1.12737	0.0519797	0.75401	-1.32624	0.0195512	0.697436	-1.43382	5.8289	1.50555	0.229591	1
cg03896273	0.0142097	0.457951	-2.18364	0.108664	0.636494	-1.57111	0.243687	1.37018	1.37018	0.260511	0.738591	-1.35393	5.24768	5.54042	0.938474	1
cg09342997	0.577796	0.891288	-1.12197	0.582463	0.892571	-1.12036	0.813958	0.952896	-1.04943	0.0308135	0.595066	-1.68049	3.81902	2.53391	0.589775	1
cg22499348	0.814927	1.02647	1.02647	0.00444998	1.52609	1.52609	0.767877	0.967566	-1.03352	0.699861	1.0441	1.0441	3.46998	0.682004	0.174706	1
cg04555373	6.74E-07	0.154137	-6.48772	0.16436	0.814545	-1.22768	0.00169347	1.85912	1.85912	0.147169	1.23995	1.23995	29.4242	8.90766	0.269095	1
cg21968599	0.110875	0.785346	-1.27332	0.00234821	1.80502	1.80502	0.613218	0.931549	-1.07348	8.17E-05	0.372368	-2.68552	17.2179	5.27681	0.272419	1
cg25050565	0.0106986	0.469675	-2.12913	0.000240552	0.238965	-4.18471	0.0469008	0.585171	-1.7089	0.00105791	0.319598	-3.12893	16.4474	14.4543	0.781173	1
cg08776832	0.266163	0.874499	-1.14351	1.45E-05	0.352144	-2.83974	0.178794	1.17977	1.17977	0.0961389	0.809382	-1.23551	12.2716	2.60373	0.1886	1
cg06397379	0.131931	1.33967	1.33967	0.000499702	0.375609	-2.66235	0.00185921	0.451967	-2.21255	0.339965	1.19346	1.19346	9.81193	5.02558	0.455281	1
cg23964820	0.0465303	0.383674	-2.60638	0.000344819	0.0888919	-11.2496	0.543369	1.29497	1.29497	0.00774293	0.237564	-4.20939	8.14747	22.7851	2.48586	1
cg05303728	0.127918	0.875433	-1.14229	0.000354128	0.628946	-1.58996	0.87234	0.987086	-1.01308	0.0600715	0.842445	-1.18702	8.11024	0.839224	0.0919796	1
cg07214270	0.132174	0.649338	-1.54003	0.00813591	0.406466	-2.46023	0.13337	0.650337	-1.53766	0.00169986	0.303868	-3.2909	7.45731	8.34065	0.99418	1
cg08122807	0.916635	1.02548	1.02548	0.00126428	3.0982	3.0982	0.229248	0.738444	-1.3542	0.738337	0.922589	-1.08391	6.68273	6.11295	0.8131	1
cg20369838	0.0250465	2.22543	2.22543	0.000694256	0.211583	-4.72628	0.517178	1.21782	1.21782	0.605065	0.85509	-1.16947	6.43887	9.18344	1.26778	1
cg05072063	0.0457672	0.703891	-1.42067	0.0946592	1.32533	1.32533	0.844466	0.970332	-1.03058	0.00357184	0.545956	-1.83165	5.86008	2.18209	0.330991	1
cg13618529	0.0629083	0.474975	-2.10537	0.030456	0.404557	-2.47184	0.0140447	2.9416	2.9416	0.768748	1.1106	1.1106	5.34362	10.7145	1.78231	1
cg11791144	0.0190825	0.279666	-3.57569	0.168133	0.517029	-1.93413	0.116106	0.464423	-2.15321	0.0280184	0.311715	-3.20806	3.87232	12.3702	2.83956	1
cg22626985	0.494968	0.854733	-1.16996	0.924107	1.02182	1.02182	0.299806	1.27557	1.27557	0.00307319	0.399301	-2.50438	3.56606	2.89785	0.722328	1
cg24466229	0.240994	1.31067	1.31067	0.00322884	2.42443	2.42443	0.0403904	0.593427	-1.68513	0.214682	0.749836	-1.33363	4.23814	3.26081	0.683908	1
cg22865798	0.00823479	0.658629	-1.51831	0.000871497	1.85349	1.85349	0.000214515	2.14599	2.14599	0.179989	1.19237	1.19237	15.8455	3.83135	0.214928	1
cg16734451	0.127871	0.820951	-1.2181	0.818876	0.972884	-1.02787	0.000645406	0.533984	-1.87272	0.631392	0.943711	-1.05965	11.4746	2.61056	0.202228	1
cg03349819	0.890181	0.963564	-1.03781	0.0588352	0.557473	-1.79381	0.00137077	3.76933	3.76933	0.31565	0.755673	-1.32332	6.62562	7.41354	0.870271	1
cg17661135	0.974784	0.988663	-1.01147	0.00277136	0.225724	-4.43018	0.37822	1.38558	1.38558	0.96061	1.01797	1.01797	5.57582	11.4902	1.83175	1
cg19162158	0.936085	1.01344	1.01344	0.934384	0.986389	-1.0138	0.000218323	2.7896	2.7896	0.897486	1.02168	1.02168	5.15898	2.26324	0.389954	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25422422	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.00962674	0.18863	0.749871	-1.33356	0.894171	1.02789	1.02789	0.48713	0.86424	-1.15709	0.291836	0.797693	-1.25361	0.000603633	0.335185	-2.98343	0.0241417	0.573686	-1.74312	0.221028	1.30456	1.30456	0.40282	1.19355	1.19355	0.00593031	0.475333	-2.10379	5.98286	4.04692	0.601261	1
cg24995904	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0014794	0.00016211	2.43671	2.43671	0.131248	0.798182	-1.25285	0.403237	0.888398	-1.12562	0.812406	0.967644	-1.03344	0.341226	1.14531	1.14531	0.031894	1.41606	1.41606	0.00059111	2.08361	2.08361	0.881467	1.02086	1.02086	0.0404665	0.720806	-1.38734	10.5214	3.18927	0.269443	1
cg09811386	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0366868	0.0315037	0.343139	-2.91427	0.026442	0.327575	-3.05273	0.0944502	0.458599	-2.18055	0.377568	1.46807	1.46807	0.00814678	0.237819	-4.20488	0.549925	1.29244	1.29244	0.823279	0.909504	-1.0995	0.953983	0.975825	-1.02477	0.023148	0.316181	-3.16275	3.80162	10.8277	2.53172	1
cg11316943	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.00369313	0.0522873	1.35809	1.35809	0.00374082	0.58109	-1.7209	0.0657772	0.751041	-1.33149	0.00520779	1.66737	1.66737	0.0555102	1.35111	1.35111	0.0173947	1.49414	1.49414	0.0132833	1.53029	1.53029	0.16462	0.814164	-1.22825	0.532462	0.916056	-1.09164	8.04329	2.44948	0.2707	1
cg15431703	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0258929	0.242455	2.14479	2.14479	0.00115443	0.0508709	-19.6576	0.994828	0.995965	-1.00405	0.177252	0.408808	-2.44614	0.918662	1.06579	1.06579	0.295184	1.96828	1.96828	0.023338	0.184438	-5.42187	0.968054	1.0253	1.0253	0.833964	1.13989	1.13989	4.30428	26.5235	5.47745	1
cg11481675	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.00479086	0.0462005	0.518128	-1.93002	7.85E-05	0.127971	-7.81425	0.436137	0.795566	-1.25697	0.584138	1.17248	1.17248	0.0807007	0.572573	-1.7465	0.854856	0.948653	-1.05413	0.0167859	0.431654	-2.31667	0.135853	0.629597	-1.58832	0.187303	0.66877	-1.49528	7.43482	9.75787	1.16663	1
cg02359746	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.00497327	0.476185	0.789666	-1.26636	0.430113	0.769111	-1.3002	0.0225723	0.410564	-2.43567	0.569125	0.828975	-1.20631	7.98E-05	0.0980102	-10.203	0.266727	0.68579	-1.45817	0.00939464	0.341844	-2.92531	0.609473	0.845408	-1.18286	0.101329	0.557229	-1.79459	7.35061	12.3695	1.49581	1
cg26068079	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0204207	0.229063	2.29411	2.29411	0.00195465	0.056088	-17.8291	0.222937	0.430641	-2.32212	0.279826	0.477553	-2.09401	0.796375	0.843571	-1.18544	0.815464	0.857448	-1.16625	0.00268106	0.0652121	-15.3346	0.393527	0.562723	-1.77707	0.732028	1.25373	1.25373	4.67137	32.0178	6.09249	1
cg01278596	NRG2;NRG2;NRG2;NRG2	2.17E-05	5.81E-06	0.131957	-7.57822	0.0607577	1.52193	1.52193	0.000501512	2.94808	2.94808	0.0503796	1.55752	1.55752	0.000116362	0.261423	-3.82521	8.84E-05	4.03589	4.03589	0.0287629	0.59907	-1.66925	0.0255209	1.69426	1.69426	0.398228	1.18748	1.18748	33.1595	20.7275	0.555631	1
cg10468961	NRG2;NRG2;NRG2;NRG2	6.18E-05	0.93948	0.990893	-1.00919	0.00148537	1.73715	1.73715	0.000222792	2.09702	2.09702	0.00168609	1.71742	1.71742	0.0312838	0.737535	-1.35587	7.99E-06	3.24602	3.24602	0.00772118	0.662082	-1.51039	0.0987498	1.24374	1.24374	0.000276664	2.04869	2.04869	25.1711	5.78785	0.204391	1
cg02009088	NRG2;NRG2;NRG2;NRG2	0.000780814	0.0266422	0.346294	-2.88772	0.245675	1.63256	1.63256	0.000496581	9.02663	9.02663	0.03098	2.77988	2.77988	0.00806131	0.254107	-3.93535	0.000626029	8.35725	8.35725	0.0134139	0.290539	-3.44188	0.410083	1.40504	1.40504	0.0298971	2.80492	2.80492	12.618	32.5653	2.29411	1
cg15992535	NRG2;NRG2;NRG2;NRG2	0.000958453	0.0013255	0.117148	-8.53622	0.0222444	3.51986	3.51986	0.00614929	5.16279	5.16279	0.0441314	2.89219	2.89219	?	?	?	0.00141207	8.35033	8.35033	0.00638219	0.195929	-5.10389	0.759984	0.868735	-1.1511	0.0880133	2.37404	2.37404	12.1918	36.1972	2.96898	1
cg08382035	NRG2;NRG2;NRG2;NRG2	0.00156419	0.000501207	0.531223	-1.88245	0.00481611	0.64745	-1.54452	0.00137079	0.582901	-1.71556	0.865431	0.98048	-1.01991	0.00393992	0.637115	-1.56958	0.0406823	0.759831	-1.31608	0.0102762	1.45633	1.45633	0.653748	0.948876	-1.05388	0.161011	0.840292	-1.19006	10.3538	2.21515	0.190174	1
cg05652757	NRG2;NRG2;NRG2;NRG2	0.00314454	0.486607	0.888086	-1.12602	0.00874653	1.75204	1.75204	0.461531	0.88174	-1.13412	0.0667894	1.41207	1.41207	0.268545	0.82408	-1.21347	0.000410297	2.56529	2.56529	0.030273	0.652029	-1.53367	0.190505	0.792343	-1.26208	0.0121952	1.68945	1.68945	8.43927	3.76796	0.39687	1
cg05182912	NRG2;NRG2;NRG2;NRG2	0.00669493	0.101214	0.740802	-1.34989	0.817189	0.962031	-1.03947	0.0305063	0.65377	-1.52959	0.038609	1.49254	1.49254	0.957286	0.991086	-1.00899	0.134823	1.30931	1.30931	0.00066788	2.38793	2.38793	0.427907	0.87345	-1.14489	0.0446429	0.680182	-1.4702	6.70753	2.9687	0.393415	1
cg24724630	NRG2;NRG2;NRG2;NRG2	0.0185563	0.0117777	0.229652	-4.35441	0.00886929	0.210618	-4.74793	0.12741	0.462589	-2.16174	0.77793	1.14137	1.14137	0.00656843	0.191872	-5.2118	0.570799	1.30724	1.30724	0.0135664	0.239657	-4.17263	0.503594	0.728016	-1.3736	0.0292589	0.300843	-3.32399	4.82541	16.7149	3.07906	1
cg01167755	NRG2;NRG2;NRG2;NRG2	0.0190987	0.212573	0.568649	-1.75855	0.0308305	2.9751	2.9751	0.209635	1.76566	1.76566	0.0643021	0.409105	-2.44436	0.177954	0.540386	-1.85053	0.209603	0.566336	-1.76574	0.00311084	0.175715	-5.69103	0.0288812	0.33028	-3.02773	0.521504	0.756264	-1.32229	4.77868	13.9915	2.60259	1
cg17022548	NRG2;NRG2;NRG2;NRG2	0.0210963	0.014395	0.105153	-9.50992	0.0114728	0.0942783	-10.6069	0.0114315	0.0941141	-10.6254	0.384736	0.514065	-1.94528	0.00991797	0.0878382	-11.3846	0.247035	0.405047	-2.46885	0.00760736	0.0770997	-12.9702	0.0436695	0.177005	-5.64957	0.0717464	0.222874	-4.48684	4.61981	40.7903	7.84838	1
cg01817965	NRG2;NRG2;NRG2;NRG2	0.0399431	0.455279	0.789337	-1.26689	0.25907	1.44234	1.44234	0.899316	1.04016	1.04016	0.0650544	0.52499	-1.9048	0.0906319	0.559945	-1.78589	0.769457	1.09573	1.09573	0.00146106	0.239413	-4.17688	0.212399	0.664602	-1.50466	0.878651	0.953585	-1.04867	3.68507	5.6474	1.36223	1
cg25085755	NRG2;NRG2;NRG2;NRG2	0.0472458	0.0181363	0.605228	-1.65227	0.966199	1.00744	1.00744	0.128312	0.749989	-1.33335	0.429693	0.86842	-1.15152	0.00835593	0.554443	-1.80361	0.680532	1.07515	1.07515	0.832772	1.0377	1.0377	0.074837	1.41517	1.41517	0.144587	0.760145	-1.31554	3.4616	1.67915	0.431182	1
cg02128325	NRG2;NRG2;NRG2;NRG2;NRG2;NRG2;NRG2;NRG2	0.0124803	0.483158	1.13578	1.13578	0.109616	0.732258	-1.36564	0.481939	0.880127	-1.1362	0.276451	0.816896	-1.22415	0.926624	0.983678	-1.01659	0.0247647	0.620324	-1.61206	0.000377403	0.36235	-2.75976	0.145089	1.32255	1.32255	0.295351	0.823759	-1.21395	5.50286	2.78173	0.449339	1
cg02725413	NRG2;NRG2;NRG2;NRG2;NRG2;NRG2;NRG2;NRG2	0.0226439	0.61075	0.880194	-1.13611	0.027635	1.91052	1.91052	0.909242	1.02875	1.02875	0.165131	0.692065	-1.44495	0.158546	1.45453	1.45453	0.0820156	0.619385	-1.61451	0.00742974	0.424377	-2.3564	0.0386103	1.81402	1.81402	0.247691	1.35046	1.35046	4.50903	4.41336	0.870029	1
cg10401879	NRG3;NRG3	0.00059296	0.117968	1.42173	1.42173	0.272866	1.26686	1.26686	0.00034558	3.29853	3.29853	0.21556	1.31019	1.31019	0.301475	1.24845	1.24845	0.662054	1.09545	1.09545	4.41E-05	0.200905	-4.97747	0.116232	0.701997	-1.42451	0.346807	1.22239	1.22239	13.6287	9.27355	0.60484	1
cg23255963	NRG3;NRG3	0.00541094	0.0366497	0.586881	-1.70392	0.464916	1.17733	1.17733	0.250701	1.3014	1.3014	0.0165495	1.90134	1.90134	0.0384759	0.590789	-1.69265	0.409888	0.831119	-1.2032	0.000477557	0.300154	-3.33162	0.0405633	0.595063	-1.6805	0.289428	0.785562	-1.27297	7.16335	5.46572	0.678232	1
cg01151966	NRG3;NRG3	0.0157151	0.659002	1.05659	1.05659	0.00112014	1.81267	1.81267	0.00686346	1.54335	1.54335	0.764462	1.03795	1.03795	0.0470759	1.32538	1.32538	0.41032	1.11001	1.11001	0.181762	1.19209	1.19209	0.976984	1.00358	1.00358	0.00830684	1.51929	1.51929	5.10136	1.24153	0.216331	1
cg06106653	NRG3;NRG3;NRG3	0.000625766	0.672016	0.88954	-1.12418	0.20562	1.44341	1.44341	0.00118688	0.27074	-3.69358	0.612021	1.15094	1.15094	0.000149722	0.166959	-5.98949	0.668757	1.12558	1.12558	8.83E-05	0.14505	-6.89418	0.0403729	0.521611	-1.91714	0.0855008	0.593055	-1.68618	13.4254	16.0635	1.06356	1
cg02100674	NRG3;NRG3;NRG3	0.00328327	0.00267565	0.278999	-3.58424	0.116084	0.591469	-1.69071	0.971862	1.0109	1.0109	0.0182045	0.414141	-2.41463	0.00996504	0.367617	-2.72022	0.265563	0.699948	-1.42868	0.000155313	0.136433	-7.3296	0.0249198	0.440141	-2.272	0.0120944	0.382118	-2.61699	8.33141	12.476	1.33108	1
cg19746502	NRG3;NRG3;NRG3	0.00503721	0.0214755	0.421262	-2.37382	0.0848197	0.550768	-1.81565	0.0217631	0.422368	-2.3676	0.0128489	0.380266	-2.62974	0.00291071	0.277923	-3.59812	0.0480044	0.492936	-2.02866	0.000402581	0.171878	-5.81809	0.335537	1.36449	1.36449	0.261992	0.693475	-1.44201	7.322	11.3572	1.37877	1
cg25147632	NRG3;NRG3;NRG3	0.00864271	0.242802	1.45246	1.45246	0.279699	1.40941	1.40941	0.0407066	0.486015	-2.05755	0.184053	1.53774	1.53774	0.218304	0.673396	-1.48501	0.0641276	1.88759	1.88759	0.00125672	0.237338	-4.21339	0.0166608	2.44161	2.44161	0.816338	0.93142	-1.07363	6.19133	9.14383	1.31278	1
cg24769190	NRG3;NRG3;NRG3	0.0195395	0.00376673	0.226132	-4.4222	0.0148081	0.319798	-3.12697	0.00421645	0.232963	-4.29252	0.106927	0.512126	-1.95264	0.0321874	0.385227	-2.59587	0.356386	0.697204	-1.4343	0.0691065	0.461481	-2.16694	0.627576	1.20428	1.20428	0.110619	0.516333	-1.93673	4.7419	10.857	2.0352	1
cg08817204	NRG3;NRG3;NRG3	0.02175	0.0910535	0.639932	-1.56267	0.785275	0.936604	-1.06769	0.856133	1.04448	1.04448	0.761109	1.07587	1.07587	0.00197029	0.350354	-2.85426	0.0491241	1.71369	1.71369	0.794185	1.06471	1.06471	0.569871	0.871337	-1.14766	0.0133375	0.479418	-2.08586	4.57182	4.16445	0.809684	1
cg24462992	NRG3;NRG3;NRG3	0.0241017	0.00635428	0.402532	-2.48427	0.627884	0.882391	-1.13328	0.00196916	0.326153	-3.06605	0.232433	0.725585	-1.3782	0.306368	0.762404	-1.31164	0.380491	0.794185	-1.25915	0.109067	0.63914	-1.5646	0.501222	1.19109	1.19109	0.0197156	0.486042	-2.05744	4.41293	4.58622	0.923793	1
cg06710785	NRG3;NRG3;NRG3	0.0250642	0.134576	0.528898	-1.89073	0.0958897	0.48576	-2.05863	0.0114943	0.28701	-3.4842	0.327974	1.48982	1.48982	0.00240835	0.188445	-5.3066	0.174167	1.76961	1.76961	0.509347	0.767761	-1.30249	0.693684	1.16916	1.16916	0.599168	0.811072	-1.23294	4.35335	10.7475	2.19448	1
cg03480666	NRG3;NRG3;NRG3	0.0292746	0.0277797	0.326901	-3.05903	0.603757	0.798441	-1.25244	0.17662	1.85431	1.85431	0.189391	0.550107	-1.81783	0.0209938	0.303093	-3.29931	0.117222	0.481172	-2.07826	0.00722756	0.225343	-4.43767	0.0155779	0.279402	-3.57907	0.161361	0.525711	-1.90219	4.12246	12.0665	2.60179	1
cg01164344	NRG3;NRG3;NRG3	0.0356055	0.00432255	0.203611	-4.91134	0.149935	0.525183	-1.9041	0.731547	1.15452	1.15452	0.233877	0.594099	-1.68322	0.0666834	0.424062	-2.35814	0.357877	0.67402	-1.48364	0.00351094	0.191692	-5.21672	0.123361	0.498379	-2.0065	0.251883	0.606885	-1.64776	3.84318	10.596	2.45075	1
cg25594165	NRG3;NRG3;NRG3	0.0400294	0.0107201	0.196917	-5.07828	0.00515382	0.153846	-6.5	0.0757518	0.367298	-2.72259	0.255004	0.547602	-1.82614	0.0133774	0.211738	-4.72281	0.117884	0.422979	-2.36419	0.0827172	0.377679	-2.64775	0.246274	0.540958	-1.84857	0.130151	0.436758	-2.2896	3.68214	14.9737	3.61474	1
cg18988560	NRG3;NRG3;NRG3	0.0468738	0.439822	0.915741	-1.09201	0.00428197	0.652527	-1.5325	0.128261	0.832192	-1.20165	0.00716299	0.678459	-1.47393	0.855813	0.979884	-1.02053	0.0920979	0.812891	-1.23018	0.0981583	0.816543	-1.22468	0.439797	0.915737	-1.09202	0.7814	1.03157	1.03157	3.47193	0.686374	0.175726	1
cg21755367	NRG4	0.00433332	0.249718	0.742106	-1.34752	0.0194508	2.01463	2.01463	0.0635231	0.596132	-1.67748	0.000819547	0.28641	-3.4915	0.888495	0.965814	-1.0354	0.158138	0.687895	-1.45371	0.000746599	0.281178	-3.55647	0.408988	0.811085	-1.23292	0.340263	0.783736	-1.27594	7.6649	7.46293	0.865466	1
cg13044277	NRG4	0.00825174	0.00457542	0.0757686	-13.1981	0.0310665	0.177345	-5.63873	0.0116399	0.115901	-8.62807	0.00300321	0.0619846	-16.133	?	?	?	0.00584588	0.0849218	-11.7755	0.0193336	0.144689	-6.91139	0.0525749	0.221769	-4.50919	0.0361383	0.189139	-5.28713	6.41094	42.1506	6.57479	1
cg00438616	NRG4	0.0198035	0.000882757	0.0100423	-99.5785	0.128735	0.219674	-4.55221	0.0211511	0.0773835	-12.9226	0.166132	0.255851	-3.90852	0.0148907	0.0629938	-15.8746	0.17717	0.266036	-3.75889	0.0380028	0.108543	-9.21295	0.0769343	0.162715	-6.14572	0.0776621	0.163601	-6.11243	4.72036	63.7101	11.9972	1
cg16485893	NRG4	0.0337382	0.0395049	0.16312	-6.13045	0.05472	0.190291	-5.25511	0.0254637	0.132407	-7.55247	0.0280014	0.138542	-7.21802	0.161504	0.320317	-3.12191	0.0504275	0.183081	-5.46207	0.00514772	0.0600056	-16.6651	0.0247198	0.130545	-7.66019	0.0571766	0.194285	-5.14707	3.91874	35.9836	8.16217	1
cg22211154	NRG4	0.0354029	0.0296952	0.0599249	-16.6876	0.0725026	0.110358	-9.06146	0.0104836	0.0289273	-34.5694	0.0873897	0.125487	-7.96898	0.0264479	0.0553368	-18.0712	0.0589951	0.095829	-10.4352	0.00729041	0.022238	-44.9681	0.1342	0.169254	-5.90828	0.049157	0.0846004	-11.8203	3.85113	73.7799	17.0293	1
cg00371829	NRG4	0.044472	0.0393397	0.138724	-7.20855	0.0631512	0.17699	-5.65003	0.017918	0.0922061	-10.8453	0.0394906	0.138998	-7.19436	0.0200256	0.0977465	-10.2305	0.0570113	0.167907	-5.95568	0.013424	0.07914	-12.6358	0.294212	0.405989	-2.46312	0.0724501	0.189993	-5.26335	3.54113	38.5015	9.6646	1
cg21770330	NRGN;NRGN	1.60E-05	0.103136	1.86946	1.86946	0.202045	1.60434	1.60434	0.000272293	8.11532	8.11532	8.24E-06	30.4188	30.4188	0.0574	2.12605	2.12605	6.46E-06	34.0343	34.0343	1.85E-05	21.3504	21.3504	0.000105078	11.0751	11.0751	1.47E-05	23.5619	23.5619	35.9119	70.0438	1.73372	1
cg05425213	NRGN;NRGN	1.97E-05	0.000869676	4.18495	4.18495	0.21156	1.45807	1.45807	0.000394796	5.03862	5.03862	3.84E-05	9.6007	9.6007	0.0120307	2.45336	2.45336	7.88E-06	16.5312	16.5312	7.20E-06	17.1008	17.1008	0.00215465	3.43627	3.43627	8.45E-06	16.0998	16.0998	34.0073	44.222	1.15588	1
cg21296513	NRGN;NRGN	0.000100069	0.555603	1.19406	1.19406	0.254644	1.42456	1.42456	0.000975401	4.30375	4.30375	9.38E-05	7.93896	7.93896	0.279987	1.39672	1.39672	7.75E-05	8.40501	8.40501	0.000142742	7.03532	7.03532	0.472576	1.24279	1.24279	1.63E-05	14.0135	14.0135	22.1365	31.0319	1.24609	1
cg15455392	NRGN;NRGN	0.00657525	0.0287232	0.711406	-1.40567	0.0219976	0.695866	-1.43706	0.0293593	0.712692	-1.40313	0.0155134	0.675825	-1.47967	0.2763	0.861173	-1.16121	0.03534	0.723649	-1.38189	0.0512799	0.746081	-1.34034	0.00230331	1.75448	1.75448	0.949706	0.991709	-1.00836	6.74523	1.86093	0.245234	1
cg19182986	NRGN;NRGN	0.028829	0.0286785	2.82342	2.82342	0.00938558	3.7606	3.7606	0.932567	0.966538	-1.03462	0.890003	1.05723	1.05723	0.260305	1.60351	1.60351	0.0225521	2.99982	2.99982	0.935434	1.03312	1.03312	0.0404016	0.385933	-2.59113	0.0531336	2.41978	2.41978	4.14489	10.6171	2.27689	1
cg12757570	NRGN;NRGN	0.0316423	0.0307871	4.35594	4.35594	0.417061	1.6179	1.6179	0.0433537	3.84963	3.84963	0.0482215	3.70486	3.70486	0.31447	1.82841	1.82841	0.0124126	6.08145	6.08145	0.0198534	5.11048	5.11048	0.0338195	4.21044	4.21044	0.00671183	7.6867	7.6867	4.00996	21.373	4.73776	1
cg10326447	NRGN;NRGN;NRGN;NRGN	0.0154422	0.0964311	0.827697	-1.20817	0.0640589	1.24062	1.24062	0.0132421	1.3745	1.3745	0.215696	0.873714	-1.14454	0.282707	1.1226	1.1226	0.0112336	0.719572	-1.38972	0.690763	0.959417	-1.0423	0.41473	1.09022	1.09022	0.0160357	1.35715	1.35715	5.1311	0.872318	0.151117	1
cg07543138	NRIP1	0.000296002	0.00509907	0.434365	-2.30221	0.0206343	1.87394	1.87394	0.0137348	0.503383	-1.98656	0.263297	0.768946	-1.30048	0.00909061	0.473898	-2.11016	0.10356	0.669596	-1.49344	8.61E-06	0.113082	-8.84317	0.224826	1.33274	1.33274	0.00947159	0.476781	-2.0974	16.5106	13.2728	0.714572	1
cg22522509	NRIP1	0.00745531	0.00050611	0.36115	-2.76893	0.35592	1.19477	1.19477	0.563446	0.896316	-1.11568	0.1695	0.760129	-1.31557	0.140985	0.743245	-1.34545	0.00442214	0.490698	-2.03791	0.0319701	0.624394	-1.60155	0.527438	1.12749	1.12749	0.23824	1.2605	1.2605	6.48614	3.60788	0.494439	1
cg00945547	NRIP1	0.0124068	0.0126684	0.384271	-2.60233	0.0186629	0.414783	-2.4109	0.122793	0.596863	-1.67543	0.134639	0.607834	-1.64519	0.0106571	0.371216	-2.69385	0.0246956	0.438016	-2.28302	0.00600655	0.330182	-3.02864	0.10082	1.74142	1.74142	0.0339549	0.465762	-2.14702	5.51345	8.31852	1.34113	1
cg10305951	NRIP1	0.0278113	0.0142048	1.36052	1.36052	0.379405	1.09611	1.09611	0.797293	1.02654	1.02654	0.713279	1.03827	1.03827	0.0272495	0.766502	-1.30463	0.40653	0.917213	-1.09026	0.0212356	0.754381	-1.32559	0.0292528	1.29875	1.29875	0.894639	1.01358	1.01358	4.19776	0.688594	0.145812	1
cg00415642	NRIP1	0.0297914	0.113804	0.847142	-1.18044	0.042068	1.25339	1.25339	0.234472	1.12768	1.12768	0.248762	0.890258	-1.12327	0.574713	0.946802	-1.05619	0.25501	0.891733	-1.12141	0.00201463	0.656979	-1.52212	0.218305	0.882625	-1.13298	0.646431	0.956442	-1.04554	4.09697	0.603248	0.130882	1
cg02852959	NRIP2	0.000152202	0.241645	0.785322	-1.27336	7.98E-06	6.86974	6.86974	0.000943428	2.64437	2.64437	0.0109906	1.87597	1.87597	0.257383	1.26246	1.26246	0.153536	1.35163	1.35163	0.00258521	0.438917	-2.27833	0.0647777	0.664329	-1.50528	0.0223612	1.71544	1.71544	19.779	12.1792	0.547343	1
cg03126946	NRIP2	0.00600546	0.161492	0.480232	-2.08232	0.0188773	4.03546	4.03546	0.370917	1.56943	1.56943	0.687816	0.820242	-1.21915	?	?	?	0.000315843	0.0571009	-17.5129	0.457341	0.689836	-1.44962	0.616097	1.28145	1.28145	0.16948	2.05027	2.05027	7.08353	23.9985	3.38794	1
cg22216431	NRIP2	0.0123525	0.591149	1.04752	1.04752	0.0877519	0.851014	-1.17507	0.641967	1.0409	1.0409	0.296671	0.911534	-1.09705	0.00192612	0.686738	-1.45616	0.00312851	0.707607	-1.41321	0.946143	0.994234	-1.0058	0.287017	1.09926	1.09926	0.104755	1.1639	1.1639	5.52133	0.640817	0.103166	1
cg00830029	NRIP2	0.0180349	0.012727	0.317872	-3.14592	0.0163486	2.96447	2.96447	0.170035	1.71781	1.71781	0.142664	1.79205	1.79205	0.218499	0.619293	-1.61474	0.0762352	0.481759	-2.07573	0.0194286	0.351294	-2.84662	0.756324	0.891152	-1.12214	0.187208	0.595989	-1.67788	4.87195	10.576	1.9296	1
cg06997549	NRIP2;NRIP2	0.0010654	0.0107089	1.50303	1.50303	0.0423326	1.34591	1.34591	0.000192317	2.22057	2.22057	0.0010618	1.84932	1.84932	0.0840955	1.27482	1.27482	0.534904	1.08311	1.08311	0.105054	0.798509	-1.25233	0.569	0.929485	-1.07586	0.000514488	1.99104	1.99104	11.5568	2.95396	0.227203	1
cg12365402	NRIP3	0.000825656	0.953678	1.01295	1.01295	0.00552487	2.24345	2.24345	0.875442	1.03537	1.03537	0.00121112	0.349987	-2.85725	0.000275073	0.267139	-3.74337	0.633827	1.11219	1.11219	0.0717621	1.56118	1.56118	0.00140789	0.358984	-2.78564	0.0623307	0.628207	-1.59183	12.4212	9.65811	0.691156	1
cg02780919	NRIP3	0.00724935	0.169688	2.63661	2.63661	0.149339	0.358892	-2.78636	0.00541984	11.3092	11.3092	0.0799211	3.62505	3.62505	0.144345	0.35369	-2.82734	0.100731	3.29208	3.29208	0.00234945	16.6691	16.6691	0.00351981	13.7751	13.7751	0.235878	2.27799	2.27799	6.54323	45.5232	6.18426	1
cg03666741	NRIP3	0.0147296	0.834351	1.029	1.029	0.685416	0.945923	-1.05717	0.264284	0.853133	-1.17215	0.182973	1.21276	1.21276	0.489567	1.10056	1.10056	0.074628	1.31141	1.31141	0.000293794	2.23741	2.23741	0.481558	0.906962	-1.10258	0.505368	1.09665	1.09665	5.21193	1.53825	0.262347	1
cg06394255	NRIP3	0.0337035	0.475291	0.779819	-1.28235	0.318661	0.702533	-1.42342	0.874078	0.947119	-1.05583	0.0246246	0.399785	-2.50135	0.0120747	0.342283	-2.92156	0.547292	1.23199	1.23199	0.010483	0.331696	-3.01481	0.0110174	0.335391	-2.98159	0.778689	1.10132	1.10132	3.9202	7.28594	1.65206	1
cg12782992	NRIP3	0.0345426	0.0548757	6.3095	6.3095	0.711854	0.730605	-1.36873	0.0127234	13.7254	13.7254	0.626503	0.660391	-1.51425	0.378658	0.465726	-2.14719	0.0564674	6.21539	6.21539	0.0701165	5.546	5.546	0.00715996	18.8753	18.8753	0.179416	3.34172	3.34172	3.88557	44.0479	10.0767	1
cg07674139	NRK	0.00133158	0.00563364	15.3389	15.3389	0.323	0.464354	-2.15353	0.431538	0.547033	-1.82804	0.212073	2.6852	2.6852	0.815594	0.838996	-1.1919	0.240727	0.39735	-2.51668	?	?	?	3.83E-05	377.739	377.739	0.291343	2.27682	2.27682	11.0979	88.2226	7.9495	1
cg02327549	NRK	0.00424965	0.172188	0.379147	-2.6375	0.0295432	0.180843	-5.52967	0.867536	0.894573	-1.11785	0.894237	0.915054	-1.09283	0.122378	0.327144	-3.05675	0.115805	0.319551	-3.12939	0.511592	0.641272	-1.5594	0.000132731	83.3157	83.3157	0.751745	0.809122	-1.23591	7.71026	54.3921	6.27067	1
cg23949973	NRK	0.00553364	0.600043	1.25457	1.25457	0.0160099	0.282532	-3.53942	0.240118	1.69425	1.69425	0.00785519	4.31522	4.31522	0.539977	0.766466	-1.30469	0.0709461	0.421123	-2.3746	0.710694	0.852389	-1.17317	0.000559255	9.91601	9.91601	0.762491	1.13875	1.13875	7.11422	20.7042	2.58689	1
cg21484926	NRK	0.00833471	0.424552	0.631804	-1.58277	0.0943722	0.355103	-2.81609	0.868146	1.09807	1.09807	0.105254	2.70899	2.70899	0.82817	0.884805	-1.13019	0.0964924	0.357911	-2.79399	0.824453	0.88242	-1.13325	0.000260751	29.3979	29.3979	0.175999	2.24806	2.24806	6.26273	31.4441	4.46295	1
cg20512370	NRK	0.00947669	0.698185	1.30323	1.30323	0.676024	1.33062	1.33062	0.92845	1.06294	1.06294	0.236579	2.32307	2.32307	0.174013	2.67233	2.67233	0.198751	0.397317	-2.51688	0.432803	0.580382	-1.723	0.000142578	86.291	86.291	0.790143	1.19876	1.19876	6.0129	43.9923	6.50341	1
cg12848223	NRK	0.0123344	0.210841	1.91353	1.91353	0.745609	1.17379	1.17379	0.279846	1.73843	1.73843	0.0314146	3.46391	3.46391	0.0650022	2.7729	2.7729	0.996755	0.998	-1.002	0.398194	0.65326	-1.53078	0.000244943	19.7499	19.7499	0.624904	1.27448	1.27448	5.52396	21.197	3.41091	1
cg08573069	NRK	0.0164288	0.302758	0.538537	-1.85688	0.0271677	0.2196	-4.55373	0.864802	1.10385	1.10385	0.963281	0.973663	-1.02705	0.322394	0.552869	-1.80875	0.587132	0.727703	-1.37419	0.790085	0.856688	-1.16729	0.000560631	22.234	22.234	0.646719	1.30675	1.30675	5.02653	26.7585	4.73195	1
cg14951132	NRK	0.0329604	0.625875	1.58867	1.58867	0.28884	0.354406	-2.82162	0.852428	0.83909	-1.19177	0.103956	5.33832	5.33832	0.767944	0.756721	-1.32149	0.181953	0.263225	-3.79903	0.651017	0.651151	-1.53574	0.00123577	85.5724	85.5724	0.163	4.06697	4.06697	3.95176	55.5501	12.4952	1
cg18834878	NRK	0.0340392	0.121774	3.7884	3.7884	0.148083	3.42834	3.42834	0.943264	0.945049	-1.05815	0.175656	3.1377	3.1377	0.271489	0.402919	-2.48189	0.181126	0.323869	-3.08766	0.97268	1.02757	1.02757	0.00144118	38.7651	38.7651	0.280843	2.43537	2.43537	3.90621	39.01	8.87701	1
cg16917996	NRK	0.043142	0.103714	9.89051	9.89051	0.657234	0.566786	-1.76434	0.748565	0.664536	-1.50481	0.401503	2.98764	2.98764	0.860804	1.24977	1.24977	?	?	?	0.928948	1.11994	1.11994	0.00124963	587.643	587.643	0.878923	1.21365	1.21365	3.95728	87.979	19.4532	1
cg11194545	NRK;NRK	0.00719841	0.0222699	10.485	10.485	0.987511	0.986664	-1.01352	0.460091	0.52459	-1.90625	0.0259841	9.64898	9.64898	0.144196	3.84086	3.84086	0.258897	0.364073	-2.7467	0.92677	1.08205	1.08205	0.000315573	149.408	149.408	0.0241382	10.0392	10.0392	6.55766	76.4192	10.3586	1
cg16782184	NRL	9.32E-06	0.425767	0.84353	-1.18549	0.000250563	0.282592	-3.53868	0.317312	1.24144	1.24144	0.0823854	1.49566	1.49566	9.85E-07	0.0676266	-14.7871	0.000341798	0.299192	-3.34233	6.14E-06	0.12035	-8.30913	8.33E-05	0.227231	-4.40081	0.000219978	0.275758	-3.62637	41.3182	28.645	0.616247	1
cg26169070	NRL	0.000166117	0.034918	0.689966	-1.44935	0.501881	0.90222	-1.10838	0.00583004	0.579807	-1.72471	2.08E-05	0.273551	-3.65562	0.00680088	0.588938	-1.69797	0.00231811	0.526054	-1.90095	1.15E-05	0.245586	-4.07189	0.0637731	0.730075	-1.36972	0.00564191	0.577869	-1.7305	19.3176	6.97333	0.320874	1
cg23915314	NRL	0.0293072	0.636649	1.18293	1.18293	0.245498	0.651252	-1.5355	0.0289778	0.402959	-2.48164	0.0092697	0.3117	-3.20821	0.0860544	1.95361	1.95361	0.0864791	1.95148	1.95148	0.581624	1.21711	1.21711	0.0478418	0.449881	-2.22281	0.548825	1.23884	1.23884	4.12083	8.13511	1.75479	1
cg13510050	NRL	0.0335619	0.004962	0.626423	-1.59637	0.248364	1.16385	1.16385	0.0725757	1.28647	1.28647	0.323918	0.879765	-1.13667	0.0167208	0.692619	-1.4438	0.999517	0.999924	-1.00008	0.241645	1.16661	1.16661	0.61263	0.937817	-1.06631	0.979696	1.00321	1.00321	3.92614	0.983113	0.222579	1
cg16979445	NRM	4.28E-05	2.25E-05	0.151063	-6.61977	0.95436	1.01282	1.01282	0.288575	0.782607	-1.27778	0.00077987	3.0981	3.0981	2.83E-06	0.082493	-12.1222	0.276299	0.777278	-1.28654	0.756893	0.933243	-1.07153	0.470356	1.17751	1.17751	0.417194	0.83154	-1.20259	27.7441	21.7525	0.696926	1
cg20405697	NRM	0.000126203	1.02E-05	0.309903	-3.22682	0.261097	1.15624	1.15624	0.733038	0.958479	-1.04332	0.0187451	0.702708	-1.42307	0.70097	1.04895	1.04895	0.00374783	0.615855	-1.62376	4.28E-05	0.38165	-2.6202	0.00573051	0.638497	-1.56618	0.00087192	0.538723	-1.85624	20.8016	5.05469	0.215995	1
cg13965897	NRM	0.000251909	9.14E-06	0.37402	-2.67365	0.0598271	0.804421	-1.24313	0.146972	1.17294	1.17294	0.00230111	1.54742	1.54742	0.0284375	1.30349	1.30349	0.466703	1.07886	1.07886	0.0200308	0.750057	-1.33323	0.8095	1.02506	1.02506	0.316353	0.899279	-1.112	17.2542	2.87005	0.147858	1
cg27527642	NRM	0.0012778	0.000672357	0.635166	-1.57439	0.000472106	0.619237	-1.61489	0.000468227	0.618864	-1.61586	0.434462	0.932779	-1.07206	0.00858285	0.746378	-1.3398	0.0621248	0.832555	-1.20112	0.588305	0.953432	-1.04884	0.0625791	1.20065	1.20065	0.0610319	0.831753	-1.20228	10.973	1.32321	0.107189	1
cg21606953	NRM	0.00185279	0.00199645	0.5633	-1.77525	0.581261	0.92935	-1.07602	0.0181682	1.45826	1.45826	0.825715	0.97141	-1.02943	0.000505818	0.489264	-2.04389	0.442838	0.902204	-1.1084	0.0118375	0.661444	-1.51184	0.023335	0.700148	-1.42827	0.00183366	0.558681	-1.78993	9.85874	2.70119	0.243546	1
cg20110257	NRM	0.00195614	0.0151454	0.652045	-1.53364	0.000380483	2.25535	2.25535	0.113668	0.781402	-1.27975	0.0187168	0.664757	-1.50431	0.0024256	0.546045	-1.83135	0.841585	1.02909	1.02909	0.13403	1.26059	1.26059	0.115283	0.782406	-1.27811	0.347095	0.870448	-1.14883	9.70436	3.15653	0.289128	1
cg18650878	NRM	0.00207729	0.0189773	1.87485	1.87485	0.247636	1.30664	1.30664	0.064097	1.58471	1.58471	0.134229	1.42953	1.42953	0.0893697	1.51355	1.51355	0.909392	1.02551	1.02551	0.000233287	0.259061	-3.86009	0.0146876	0.514466	-1.94376	0.0302128	0.568997	-1.75748	9.53588	7.39436	0.689267	1
cg00565831	NRM	0.0140199	0.756333	1.05008	1.05008	0.431166	1.13443	1.13443	0.0242088	1.52473	1.52473	0.49481	0.896889	-1.11497	0.676734	0.936299	-1.06803	0.00245065	1.93792	1.93792	0.014636	0.623831	-1.603	0.0505732	0.704862	-1.41872	0.683016	1.06657	1.06657	5.29741	2.06754	0.346927	1
cg13494704	NRM	0.0162786	0.00809703	0.698465	-1.43171	0.969831	1.00401	1.00401	0.574805	1.06182	1.06182	0.117087	0.835129	-1.19742	0.984694	1.00203	1.00203	0.521699	1.07115	1.07115	0.00058684	0.569941	-1.75457	0.358215	0.904844	-1.10516	0.770579	0.969527	-1.03143	5.04193	0.894426	0.157687	1
cg11784631	NRM	0.0313425	0.0300229	0.313071	-3.19417	0.0128408	0.245129	-4.07949	0.0164384	0.263426	-3.79613	0.0634529	0.386892	-2.5847	0.0451933	0.351505	-2.84491	0.128034	0.473018	-2.11409	0.0049336	0.18372	-5.44306	0.115383	0.458939	-2.17894	0.0906756	0.428216	-2.33527	4.02362	13.1933	2.91462	1
cg13650866	NRM	0.0371108	0.109318	0.664452	-1.505	0.0695154	0.621677	-1.60855	0.310567	0.782191	-1.27846	0.936271	1.0189	1.0189	0.787927	1.06516	1.06516	0.785472	0.938117	-1.06597	0.0014725	0.341427	-2.92889	0.113056	0.66778	-1.4975	0.22133	1.3512	1.3512	3.78574	3.28676	0.77173	1
cg07448742	NRM	0.0423429	0.0206853	0.243741	-4.10271	0.0107185	0.196933	-5.07786	0.0278074	0.26781	-3.73399	0.28491	0.569613	-1.75558	0.097574	0.398098	-2.51195	0.337148	0.605689	-1.65101	0.00603651	0.16245	-6.15574	0.125324	0.431463	-2.31769	0.22687	0.525788	-1.90191	3.60643	14.6635	3.61416	1
cg16055052	NRM	0.0497634	0.664402	0.876224	-1.14126	0.0176851	2.39501	2.39501	0.197257	0.66192	-1.51076	0.24559	1.44429	1.44429	0.00581205	0.335043	-2.98469	0.41284	0.77613	-1.28844	0.873295	1.0495	1.0495	0.782218	0.919541	-1.0875	0.428997	0.783172	-1.27686	3.39424	4.92577	1.28997	1
cg14646977	NRM;KIAA1949	0.000714792	0.946554	1.01165	1.01165	0.0390969	1.51064	1.51064	0.603258	1.09482	1.09482	0.0973574	1.3693	1.3693	0.816733	1.04092	1.04092	0.375892	0.854704	-1.17	2.43E-05	0.234023	-4.27309	0.0964036	1.37077	1.37077	0.00296697	0.494353	-2.02284	12.9349	6.11459	0.420196	1
cg06302311	NRM;KIAA1949	0.00119758	0.638165	0.929821	-1.07548	0.237884	0.827022	-1.20916	0.00118856	0.481875	-2.07523	0.933405	0.987244	-1.01292	0.0126174	0.621012	-1.61027	2.87E-05	0.283038	-3.5331	0.509289	1.10831	1.10831	0.418592	0.880764	-1.13538	0.0420281	0.697742	-1.43319	11.1782	4.17764	0.332204	1
cg23828265	NRM;KIAA1949	0.0446775	0.0855975	0.738473	-1.35415	0.951624	0.990367	-1.00973	0.037102	0.679649	-1.47135	0.409962	0.874202	-1.1439	0.734101	0.947055	-1.0559	0.938121	1.01246	1.01246	0.00436499	1.8359	1.8359	0.380881	0.866403	-1.1542	0.16412	0.789091	-1.26728	3.53503	1.42523	0.358377	1
cg09555118	NRN1	2.61E-06	0.0103179	0.714843	-1.39891	0.691195	0.959374	-1.04235	0.216187	1.14475	1.14475	0.414038	0.916921	-1.09061	0.436612	0.920872	-1.08593	0.790295	0.972695	-1.02807	0.15381	0.85333	-1.17188	2.33E-08	8.68592	8.68592	0.982677	0.997747	-1.00226	57.3719	9.80397	0.151897	1
cg24720571	NRN1	1.35E-05	0.0630058	1.7791	1.7791	0.0895644	0.597146	-1.67463	0.354962	0.769413	-1.29969	0.0510293	1.84448	1.84448	0.00608236	0.372824	-2.68223	0.000375348	0.208771	-4.78993	0.0131937	2.33118	2.33118	3.11E-07	61.3978	61.3978	0.342737	1.309	1.309	37.5471	45.1235	1.06825	1
cg08649201	NRN1	5.58E-05	0.126452	0.663892	-1.50627	0.821514	0.945551	-1.05758	3.97E-05	7.00687	7.00687	0.000567551	3.75488	3.75488	0.543518	1.16458	1.16458	0.12526	1.50853	1.50853	0.0674933	0.601944	-1.66128	2.73E-06	16.3125	16.3125	0.278781	1.32184	1.32184	25.8586	25.143	0.864291	1
cg18430295	NRN1	0.00167453	0.27388	1.22786	1.22786	0.761234	0.946831	-1.05615	0.00359331	2.10109	2.10109	0.684897	1.07591	1.07591	0.0481707	0.661499	-1.51172	0.0604848	0.679415	-1.47186	0.520222	1.12416	1.12416	6.65E-05	4.27519	4.27519	0.0854681	1.41344	1.41344	12.1706	6.05876	0.387193	1
cg10304637	NRN1	0.00168111	0.647312	0.804043	-1.24371	0.233273	0.553358	-1.80715	0.292849	1.67648	1.67648	0.905414	1.0579	1.0579	0.00633237	0.1858	-5.38213	0.0660434	0.376673	-2.65483	0.908333	1.05605	1.05605	5.25E-05	35.8222	35.8222	0.637971	0.798989	-1.25158	10.1405	36.0053	3.15613	1
cg13021333	NRN1	0.00234603	0.429566	1.30805	1.30805	0.945959	1.02283	1.02283	0.684062	0.872627	-1.14597	0.640239	1.16971	1.16971	0.14478	0.593584	-1.68468	0.450278	0.774	-1.29199	0.345783	1.38175	1.38175	2.75E-05	15.6785	15.6785	0.917399	0.966042	-1.03515	9.20235	16.1637	1.56132	1
cg22142858	NRN1	0.0027066	0.00418418	2.35233	2.35233	0.291959	1.27604	1.27604	0.103906	1.48648	1.48648	0.377147	0.817068	-1.22389	0.289637	0.782682	-1.27766	0.00110728	2.9203	2.9203	0.695081	0.915925	-1.09179	0.000256308	3.82701	3.82701	0.374156	1.22553	1.22553	8.82303	6.94501	0.699685	1
cg06495131	NRN1	0.00277555	0.56746	0.866962	-1.15345	0.013671	2.12399	2.12399	0.255527	1.34071	1.34071	0.13005	0.667693	-1.49769	0.190742	0.71019	-1.40807	0.656583	0.895352	-1.11688	0.0654377	0.600031	-1.66658	9.77E-05	5.52976	5.52976	0.54946	1.16137	1.16137	8.75766	8.46261	0.858941	1
cg16648632	NRN1	0.00374409	0.489857	1.26213	1.26213	0.223045	1.52947	1.52947	0.128177	1.72601	1.72601	0.509138	1.2489	1.2489	0.453717	0.776232	-1.28827	0.65441	0.861103	-1.1613	0.00600613	0.303747	-3.29221	0.000139271	8.88275	8.88275	0.214075	1.54365	1.54365	8.01026	13.974	1.55068	1
cg07994987	NRN1	0.0043307	0.398301	0.735233	-1.36011	0.976146	1.01069	1.01069	0.00719969	3.43387	3.43387	0.140276	0.568772	-1.75817	0.746686	0.891129	-1.12217	0.834291	0.928204	-1.07735	0.992774	1.00323	1.00323	0.000114434	11.1063	11.1063	0.982633	0.992288	-1.00777	7.66631	15.3578	1.7807	1
cg01807407	NRN1	0.00640711	0.000565239	0.0585215	-17.0877	0.719298	1.21133	1.21133	0.584304	1.34111	1.34111	0.312641	1.74163	1.74163	0.291863	1.78778	1.78778	0.655754	1.26915	1.26915	0.846027	1.1088	1.1088	0.0015477	11.227	11.227	0.824906	1.12492	1.12492	6.79966	30.3901	3.97276	1
cg08545493	NRN1	0.00667212	0.115539	0.418508	-2.38944	0.127933	2.31161	2.31161	0.00689591	5.93433	5.93433	0.249557	0.541889	-1.8454	0.0970232	0.395601	-2.5278	0.230266	1.89804	1.89804	0.0516886	0.323854	-3.08781	0.00121142	11.1598	11.1598	0.605825	0.767178	-1.30348	6.71465	27.5673	3.64937	1
cg04475375	NRN1	0.00883631	0.487467	0.836854	-1.19495	0.951236	1.01556	1.01556	0.00472555	2.57948	2.57948	0.604184	1.14115	1.14115	0.266473	0.746534	-1.33952	0.169897	0.691355	-1.44644	0.346357	0.782836	-1.27741	0.000522473	3.91724	3.91724	0.791031	1.06935	1.06935	6.14806	6.20667	0.897364	1
cg01928807	NRN1	0.013737	0.103428	0.523855	-1.90892	0.362496	0.711941	-1.40461	?	?	?	0.0461919	2.2915	2.2915	0.859666	1.06635	1.06635	0.790041	0.907672	-1.10172	0.611031	0.830111	-1.20466	0.000979152	5.92818	5.92818	0.0442129	2.31423	2.31423	5.43551	10.0837	1.85515	1
cg03707308	NRN1	0.0167531	0.102111	0.353367	-2.82992	0.863698	1.10506	1.10506	0.666273	0.777035	-1.28694	0.774934	1.18138	1.18138	0.040656	0.253041	-3.95194	0.129172	0.385464	-2.59428	0.0993241	0.349796	-2.85881	0.00119198	15.8312	15.8312	0.28047	0.520863	-1.91989	4.99384	26.7366	4.75904	1
cg27363741	NRN1	0.0206602	0.391112	0.78099	-1.28043	0.0875275	1.71063	1.71063	0.0478404	1.91102	1.91102	0.0416445	0.510068	-1.96052	0.116927	0.616587	-1.62183	0.0800218	0.575051	-1.73898	0.0196444	0.442979	-2.25744	0.0283842	2.10545	2.10545	0.358247	1.30463	1.30463	5.17882	6.30737	0.947269	1
cg12595585	NRN1	0.0240965	0.388693	0.895687	-1.11646	0.00170838	0.572067	-1.74805	0.499802	0.918128	-1.08917	0.948524	1.00808	1.00808	0.0395858	1.34555	1.34555	0.747028	1.04118	1.04118	0.0447544	0.750288	-1.33282	0.228745	1.1706	1.1706	0.284699	0.870594	-1.14864	4.41326	1.08693	0.218922	1
cg19060550	NRN1	0.0331278	0.0694635	0.614258	-1.62798	0.307351	0.776002	-1.28866	0.0177131	1.9981	1.9981	0.251142	0.749948	-1.33343	0.0396087	0.564893	-1.77025	0.89043	0.967462	-1.03363	0.0124474	0.474078	-2.10936	0.541572	1.15986	1.15986	0.348775	1.26048	1.26048	3.94457	3.59818	0.810832	1
cg25829425	NRN1	0.0380722	0.76533	1.14218	1.14218	0.69155	1.19375	1.19375	0.0039082	5.61249	5.61249	0.861104	1.08088	1.08088	0.255602	0.59034	-1.69394	0.268918	0.599693	-1.66752	0.177676	0.529323	-1.88921	0.0138034	3.86359	3.86359	0.602858	1.26253	1.26253	3.75053	11.7149	2.77646	1
cg20904489	NRN1	0.0402779	0.116617	0.222716	-4.49002	0.199159	0.302681	-3.30381	0.778137	1.28251	1.28251	0.109428	0.214924	-4.6528	0.0288218	0.103232	-9.68695	0.0561861	0.148817	-6.71967	0.00284795	0.0268424	-37.2545	0.415254	0.480205	-2.08245	0.0261856	0.0979158	-10.2129	3.67375	45.1492	10.9241	1
cg10223827	NRN1;NRN1	0.00208949	0.0255088	1.45413	1.45413	0.000313157	2.28024	2.28024	0.0668107	1.33625	1.33625	0.00730407	1.62899	1.62899	0.0216316	1.47554	1.47554	0.0730815	0.754288	-1.32575	0.864134	1.02445	1.02445	0.000729923	2.06346	2.06346	0.0639441	1.34141	1.34141	9.51959	3.00002	0.280126	1
cg11504897	NRN1;NRN1	0.00994935	0.352326	0.816642	-1.22453	0.000192362	3.77702	3.77702	0.209122	0.755647	-1.32337	0.37925	0.826214	-1.21034	0.759568	0.937101	-1.06712	0.45407	1.17514	1.17514	0.788441	0.944671	-1.05857	0.158504	1.37576	1.37576	0.340274	1.2312	1.2312	5.92022	4.19945	0.630524	1
cg05986853	NRN1L	0.00337753	0.405083	0.88035	-1.13591	0.0640503	1.36525	1.36525	0.029881	1.4656	1.4656	0.284958	1.18075	1.18075	0.000215072	0.396861	-2.51977	0.69014	0.941813	-1.06178	0.0136932	1.57786	1.57786	0.23749	1.20337	1.20337	0.209551	1.21878	1.21878	8.26132	2.92816	0.31506	1
cg13407144	NRP1	0.00225649	0.0426035	0.447802	-2.23313	0.00160377	0.210655	-4.74709	0.00443708	0.270749	-3.69346	0.991382	0.99629	-1.00372	0.00174847	0.215369	-4.64319	0.00235761	0.232221	-4.30625	0.119102	1.78984	1.78984	0.00276318	0.241517	-4.14049	0.652119	0.855405	-1.16904	9.30795	17.4599	1.66738	1
ch.10.844982F	NRP1	0.0422382	0.00989379	0.255692	-3.91095	0.0939451	0.462709	-2.16118	0.0444544	0.380678	-2.62689	0.00782866	0.239732	-4.17133	0.0155861	0.289095	-3.45907	0.891893	0.944688	-1.05855	0.161515	0.534931	-1.8694	0.658287	0.830063	-1.20473	0.464055	0.732099	-1.36594	3.60974	10.0104	2.46504	1
cg25733480	NRP1;NRP1;NRP1	1.36E-05	5.76E-07	0.240173	-4.16366	0.00237991	1.54915	1.54915	0.691457	1.04208	1.04208	0.276462	1.12409	1.12409	0.00160195	0.626402	-1.59642	1.37E-05	0.391045	-2.55725	0.0288079	0.766122	-1.30528	0.845724	0.980071	-1.02033	0.0848142	0.821232	-1.21768	37.4241	6.32926	0.150331	1
cg09009410	NRP1;NRP1;NRP1	0.00149274	0.435919	1.16309	1.16309	0.780463	0.948277	-1.05454	0.116214	1.38332	1.38332	0.63448	1.09531	1.09531	0.126178	1.36958	1.36958	0.529526	1.1287	1.1287	4.08E-05	0.225859	-4.42754	0.0465071	1.54246	1.54246	0.0291215	1.63028	1.63028	10.4942	6.00476	0.508619	1
cg24517944	NRP1;NRP1;NRP1	0.00216397	0.96005	0.994765	-1.00526	0.657449	0.954311	-1.04788	0.524875	1.06985	1.06985	0.0477115	0.788789	-1.26777	0.000341181	1.83007	1.83007	0.0670866	1.23994	1.23994	0.000356174	1.82327	1.82327	0.242193	0.87962	-1.13685	0.941938	1.00766	1.00766	9.42268	1.63868	0.154584	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03602698	NRP1;NRP1;NRP1	0.00355791	0.669116	0.936389	-1.06793	0.0022269	0.519485	-1.92498	0.000888887	0.467146	-2.14066	0.0178639	1.5529	1.5529	0.0382565	0.692729	-1.44357
cg24638819	NRP1;NRP1;NRP1	0.00577407	0.0134711	0.278154	-3.59514	0.738286	0.869131	-1.15058	0.00569326	0.219403	-4.55783	0.606284	0.804563	-1.24291	0.000179572	0.0704335	-14.1978
cg07913781	NRP1;NRP1;NRP1	0.0061077	0.227027	1.32988	1.32988	0.366283	0.81169	-1.232	0.000892237	0.3268	-3.05997	0.0885677	1.52547	1.52547	0.011395	2.0379	2.0379
cg09277467	NRP1;NRP1;NRP1	0.00837477	0.0220656	0.487114	-2.05291	0.35032	0.777353	-1.28642	0.000429473	0.232269	-4.30535	0.215327	0.710572	-1.40732	0.0452584	0.547839	-1.82535
cg07233135	NRP1;NRP1;NRP1	0.00847958	0.00103809	0.49453	-2.02212	0.105329	1.29244	1.29244	0.0447437	1.39657	1.39657	0.014973	0.64813	-1.5429	0.098992	0.769345	-1.29981
cg23198568	NRP1;NRP1;NRP1	0.00945916	0.00808223	0.744832	-1.34259	0.0122606	1.31121	1.31121	0.00480929	1.38392	1.38392	0.0386938	1.23114	1.23114	0.26353	1.10653	1.10653
cg24892069	NRP1;NRP1;NRP1	0.0429402	0.236297	0.6835	-1.46306	0.320452	0.72994	-1.36998	0.0431778	2.0407	2.0407	0.351544	1.34177	1.34177	0.234763	0.682566	-1.46506
cg19131541	NRP1;NRP1;NRP1	0.0451038	0.916698	1.01756	1.01756	0.121123	1.32265	1.32265	0.375685	0.859624	-1.1633	0.884265	1.02453	1.02453	0.146151	0.771394	-1.29635
ch.2.4116732R	NRP2;NRP2;NRP2	0.031541	0.0459322	0.762757	-1.31103	0.00233567	0.604702	-1.65371	0.0730594	0.789262	-1.26701	0.0601926	0.778071	-1.28523	0.0139772	0.698146	-1.43237
cg06285439	NRP2;NRP2;NRP2;NRP2;NRP2	1.27E-05	5.94E-06	0.0921749	-10.8489	0.000144326	0.215347	-4.64366	7.82E-06	0.100421	-9.95811	3.24E-05	0.150341	-6.65154	0.0131432	0.486176	-2.05687
cg11114141	NRP2;NRP2;NRP2;NRP2;NRP2	0.000575958	0.000578096	0.413197	-2.42015	0.00615591	0.55256	-1.80976	0.000115766	0.3257	-3.07031	0.105768	0.745808	-1.34083	0.000387458	0.390845	-2.55856
cg05025612	NRP2;NRP2;NRP2;NRP2;NRP2	0.0181957	0.0199954	2.32878	2.32878	0.450877	1.26025	1.26025	0.402179	1.29454	1.29454	0.034451	2.10156	2.10156	0.00979298	2.67339	2.67339
cg02183001	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	4.32E-05	1.48E-05	0.21373	-4.67881	0.000414642	0.382522	-2.61423	0.0596641	0.694489	-1.43991	0.000645299	0.407388	-2.45466	1.63E-06	0.126505	-7.90482
cg19795793	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.000101933	5.13E-05	0.0689871	-14.4955	0.0002355	0.116489	-8.58453	0.745429	0.891455	-1.12176	0.00227252	0.221857	-4.50741	1.55E-05	0.0427549	-23.3891
cg24538292	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.000450896	8.18E-05	0.225174	-4.44101	0.000416137	0.308647	-3.23995	0.000663193	0.334723	-2.98755	0.0570228	0.636263	-1.57168	0.00145067	0.380583	-2.62755
cg01154445	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.000704751	0.00216832	0.0926996	-10.7875	3.88E-05	0.0128316	-77.9324	0.0170104	0.200221	-4.99447	0.0037205	0.114663	-8.72124	0.0124809	0.179435	-5.57304
cg05264870	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.0246365	0.0110495	0.218703	-4.57242	0.716846	0.840543	-1.18971	0.0548265	0.353927	-2.82544	0.0650555	0.372341	-2.68571	0.0658982	0.373766	-2.67547
cg01631497	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.0294184	0.00976627	0.153001	-6.53589	0.0100122	0.154437	-6.47515	0.252516	0.503242	-1.98712	0.100338	0.355491	-2.81301	0.0466614	0.270161	-3.7015
cg04768970	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.0457528	0.992328	0.997456	-1.00255	0.0320092	0.513992	-1.94556	0.00413296	0.361057	-2.76965	0.0420856	0.537708	-1.85975	0.406828	1.25206	1.25206
cg14163802	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.0162794	0.0110439	0.722828	-1.38346	0.701594	0.961554	-1.03998	0.409196	0.917637	-1.08976	0.0440887	0.790134	-1.26561	0.0043211	0.678102	-1.47471
cg18371506	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.021401	0.2278	1.23896	1.23896	0.161548	1.28792	1.28792	0.863206	0.971234	-1.02962	0.605763	1.09212	1.09212	0.499818	1.12292	1.12292
cg04899492	NRSN1	1.44E-05	0.00159882	0.853329	-1.17188	0.0301634	0.91457	-1.09341	0.03863	1.08752	1.08752	1.50E-05	0.730144	-1.36959	0.00308696	0.867747	-1.15241
cg24754066	NRSN1	0.0242193	0.677055	1.06928	1.06928	0.00448788	0.545589	-1.83288	0.0162454	0.624967	-1.60008	0.0513644	1.42584	1.42584	0.791925	0.958599	-1.04319
cg07811644	NRSN1	0.0263535	0.726651	1.02655	1.02655	0.0428755	1.19008	1.19008	0.00529993	1.31576	1.31576	0.120133	1.13417	1.13417	0.793089	1.01982	1.01982
cg11065015	NRSN2	0.00153049	0.284897	1.15079	1.15079	0.049899	0.753699	-1.32679	0.139814	0.818011	-1.22248	0.00161738	1.77082	1.77082	0.255186	0.860532	-1.16207
cg07611334	NRSN2	0.0161587	0.509311	0.920733	-1.08609	0.0377231	1.34626	1.34626	0.000416307	1.99507	1.99507	0.455285	0.910448	-1.09836	0.607706	1.06596	1.06596
cg10839041	NRSN2	0.0188034	0.0209624	0.745642	-1.34113	0.627317	0.949615	-1.05306	0.0271095	0.758481	-1.31843	0.670112	0.95573	-1.04632	0.0810362	0.81513	-1.2268
cg08713365	NRSN2;NRSN2	0.0271517	0.776137	1.07929	1.07929	0.920443	1.0271	1.0271	0.0242624	2.05201	2.05201	0.0185408	2.14732	2.14732	0.153112	0.663997	-1.50603
cg19915582	NRTN	1.72E-05	0.107868	0.692194	-1.44468	0.105758	1.44848	1.44848	0.000963764	0.356782	-2.80283	0.764161	0.938856	-1.06513	5.84E-07	0.055635	-17.9743
cg07997737	NRTN	0.000151492	0.0181933	0.561131	-1.78212	0.000230323	0.291588	-3.4295	0.00886371	0.511051	-1.95675	0.0244644	0.582659	-1.71627	0.000216765	0.288385	-3.46759
cg25775109	NRTN	0.000342628	0.0463252	0.605076	-1.65269	0.0896047	1.50973	1.50973	0.354633	0.810903	-1.23319	0.979616	1.00564	1.00564	0.0023993	0.394138	-2.53719
cg06515543	NRTN	0.00040542	0.0156235	0.510192	-1.96004	0.0333395	1.75878	1.75878	0.328312	0.795273	-1.25743	0.805263	0.945463	-1.05768	0.000594327	0.300082	-3.33243
cg14694342	NRTN	0.00209889	0.406801	1.22007	1.22007	0.0667271	1.61907	1.61907	0.717644	1.08885	1.08885	0.62181	0.889988	-1.12361	0.70415	1.09354	1.09354
cg25260420	NRTN	0.00624848	0.750325	0.900043	-1.11106	0.0520423	2.0732	2.0732	0.146892	0.598365	-1.67122	0.956527	1.01815	1.01815	0.00315375	0.264236	-3.7845
cg24035928	NRTN	0.00879688	0.0473968	0.520852	-1.91993	0.00159682	0.271874	-3.67817	0.0522586	0.530013	-1.88675	0.434116	0.794919	-1.25799	0.00978491	0.390894	-2.55824
cg16505856	NRTN	0.00904763	0.373931	0.857246	-1.16653	0.0333857	0.657329	-1.52131	0.784532	0.954799	-1.04734	0.680816	0.932576	-1.0723	0.00930644	0.573043	-1.74507
cg18596369	NRTN	0.0123741	0.339884	0.720777	-1.38739	0.0113707	0.348283	-2.87123	0.0564633	0.487305	-2.0521	0.851895	1.06419	1.06419	0.0240636	0.408317	-2.44908
cg26360644	NRTN	0.0193374	0.410727	0.623502	-1.60384	0.0514051	3.4747	3.4747	0.714539	0.813589	-1.22912	0.5055	0.684254	-1.46145	0.000397069	0.0421458	-23.7271
cg09271709	NRXN1;NRXN1	0.000163499	0.046746	0.508696	-1.96581	0.010453	2.60351	2.60351	0.592062	1.17419	1.17419	0.00615581	2.88892	2.88892	3.34E-05	0.0917345	-10.901
cg25565504	NRXN1;NRXN1	0.00204128	0.923627	0.978722	-1.02174	0.701187	0.917155	-1.09033	0.0264736	0.554262	-1.8042	0.0694724	1.57688	1.57688	0.00028988	0.265581	-3.76534
cg03714495	NRXN1;NRXN1	0.00305343	0.0267447	0.540201	-1.85116	0.113233	0.667362	-1.49844	0.0115172	0.476399	-2.09908	0.245659	1.32963	1.32963	0.000624266	0.29096	-3.4369
cg18773591	NRXN1;NRXN1	0.00417394	0.434237	0.786245	-1.27187	0.00258002	3.52238	3.52238	0.0277573	2.19033	2.19033	0.2364	1.45345	1.45345	0.0154079	0.408162	-2.45001
cg22573528	NRXN1;NRXN1	0.0109419	0.110337	0.443187	-2.25638	0.0813073	2.46865	2.46865	0.0230517	3.56442	3.56442	0.132332	2.13725	2.13725	0.064052	0.377849	-2.64656
cg07781364	NRXN1;NRXN1	0.0110769	0.0326597	1.81376	1.81376	0.0869731	0.637505	-1.56861	0.128356	0.676049	-1.47918	0.189757	1.39209	1.39209	0.304299	0.776164	-1.28839
cg22324022	NRXN1;NRXN1	0.0122949	0.049815	0.672091	-1.48789	0.254615	0.809566	-1.23523	0.000422931	2.69645	2.69645	0.294231	0.824305	-1.21314	0.202876	0.787614	-1.26966
cg01014190	NRXN1;NRXN1	0.0142023	0.136057	0.471303	-2.12178	0.0255164	3.46585	3.46585	0.013791	4.16039	4.16039	0.22381	1.81942	1.81942	0.0278491	0.296027	-3.37807
cg10978002	NRXN1;NRXN1	0.0165535	0.0962097	0.757112	-1.32081	0.910789	0.983073	-1.01722	0.0310849	0.680135	-1.4703	0.548705	0.911712	-1.09684	0.000475292	0.433542	-2.30658
cg06466689	NRXN1;NRXN1	0.0223883	0.0460363	1.39392	1.39392	0.00214949	1.87018	1.87018	0.619311	0.929828	-1.07547	0.649322	1.06876	1.06876	0.0334501	1.43472	1.43472
cg16852792	NRXN1;NRXN1	0.0481933	0.363309	0.751512	-1.33065	0.00241154	0.274661	-3.64085	0.143206	0.61814	-1.61776	0.663791	0.874826	-1.14308	0.452124	0.791188	-1.26392
cg03531247	NRXN1;NRXN1;NRXN1	0.0008204	0.105456	2.65503	2.65503	0.0466447	3.51727	3.51727	0.398441	1.61167	1.61167	0.942978	0.961279	-1.04028	0.00806387	0.153595	-6.51063
cg10099415	NRXN1;NRXN1;NRXN1	0.00170895	0.143889	0.723789	-1.38162	0.406723	0.839681	-1.19093	0.0151314	0.540937	-1.84864	0.125002	0.710436	-1.40759	0.0110728	0.518992	-1.92681
cg13906811	NRXN1;NRXN1;NRXN1	0.00243346	0.00968627	0.338524	-2.954	0.0845358	0.531835	-1.88028	0.299617	0.700649	-1.42725	0.00838543	0.328074	-3.04809	0.014987	0.371665	-2.69059
cg26881899	NRXN1;NRXN1;NRXN1	0.00608644	0.938989	1.01527	1.01527	0.0246163	1.69872	1.69872	0.878931	1.03064	1.03064	0.0514398	1.55113	1.55113	0.231289	1.28219	1.28219
cg08425543	NRXN1;NRXN1;NRXN1	0.0130894	0.15771	1.51145	1.51145	0.345274	1.30447	1.30447	0.412801	1.25728	1.25728	0.0454106	1.87293	1.87293	0.00112464	0.2695	-3.71057
cg20062057	NRXN1;NRXN1;NRXN1	0.0140617	0.764182	1.06492	1.06492	0.0897312	1.47857	1.47857	0.0294501	1.70938	1.70938	0.0160029	1.85248	1.85248	0.275541	0.788866	-1.26764
cg18201351	NRXN1;NRXN1;NRXN1	0.0151469	0.00119978	0.17352	-5.76303	0.199214	0.606132	-1.64981	0.498236	1.28887	1.28887	0.0223966	0.364288	-2.74508	0.0505407	0.439347	-2.27611
cg20536469	NRXN1;NRXN1;NRXN1	0.0203644	0.767978	1.06411	1.06411	0.777783	1.06122	1.06122	0.00776808	2.05018	2.05018	0.010853	1.95782	1.95782	0.296992	0.79685	-1.25494
cg07529754	NRXN1;NRXN1;NRXN1	0.0216572	0.0341664	0.398852	-2.5072	0.445706	0.748954	-1.3352	0.274127	0.654961	-1.52681	0.0158349	0.333165	-3.00152	0.0196975	0.35079	-2.85071
cg12001457	NRXN1;NRXN1;NRXN1	0.0254761	0.333852	1.26114	1.26114	0.0189887	0.516271	-1.93697	0.186026	0.721535	-1.38593	0.16045	0.705375	-1.41768	0.382196	0.81171	-1.23197
cg06707406	NRXN1;NRXN1;NRXN1	0.0302502	0.341679	0.763101	-1.31044	0.0491838	1.85816	1.85816	0.103799	1.63372	1.63372	0.835529	0.944246	-1.05905	0.295208	0.741145	-1.34926
cg09044294	NRXN1;NRXN1;NRXN1	0.0327308	0.225128	0.830209	-1.20452	0.213992	1.21058	1.21058	0.459605	0.895859	-1.11625	0.78098	0.960107	-1.04155	0.477412	1.11127	1.11127
cg17677030	NRXN1;NRXN1;NRXN1	0.0391476	0.0140204	0.335285	-2.98254	0.121571	0.546277	-1.83057	0.506075	0.784231	-1.27514	0.00766749	0.290973	-3.43674	0.0173367	0.352065	-2.84039
cg22322562	NRXN1;NRXN1;NRXN1	0.0414569	0.297843	0.774075	-1.29187	0.601921	0.882597	-1.13302	0.30206	1.28879	1.28879	0.0622095	1.64567	1.64567	0.0528268	0.59318	-1.68583
cg22001533	NRXN1;NRXN1;NRXN1;NRXN1	0.0130941	0.324678	0.638223	-1.56685	0.921081	0.957189	-1.04473	0.100234	2.21474	2.21474	0.219481	0.565454	-1.76849	0.0656299	0.401638	-2.48981
cg05015185	NRXN1;NRXN1;NRXN1;NRXN1	0.0346622	0.191063	0.668741	-1.49535	0.0757016	0.562921	-1.77645	0.9576	0.984666	-1.01557	0.188689	0.667127	-1.49897	0.120751	0.613189	-1.63082
cg14875171	NRXN1;NRXN1;NRXN1;NRXN1	0.0424154	0.181081	0.315753	-3.16703	0.696484	0.72742	-1.37472	0.084583	4.70545	4.70545	0.26061	0.385745	-2.59238	0.205254	0.337895	-2.9595
cg08008931	NRXN1;NRXN1;NRXN1;NRXN1	0.0485624	0.274079	1.55612	1.55612	0.370077	1.42996	1.42996	0.0389934	2.53052	2.53052	0.104322	0.501623	-1.99353	0.139319	0.538924	-1.85555
cg01579950	NRXN2;NRXN2	0.0032643	0.26419	1.34559	1.34559	0.284307	1.32801	1.32801	0.258068	1.35121	1.35121	0.796174	1.06825	1.06825	0.0438684	1.80539	1.80539
cg25073093	NRXN2;NRXN2	0.00339377	0.0610471	1.55655	1.55655	9.37E-05	4.30584	4.30584	0.421863	1.18764	1.18764	0.0560729	1.57388	1.57388	0.394359	0.832891	-1.20064
cg05267623	NRXN2;NRXN2	0.00495246	?	?	?	0.290858	1.34712	1.34712	0.0114083	2.4288	2.4288	0.00117684	0.253789	-3.94029	0.119408	1.58821	1.58821
cg21751231	NRXN2;NRXN2	0.0155106	0.336446	0.681808	-1.46669	0.420164	1.37477	1.37477	0.25715	1.57937	1.57937	0.985854	0.993172	-1.00687	0.141437	1.84243	1.84243
cg26805405	NRXN2;NRXN2	0.0186962	0.0390676	0.659923	-1.51533	0.0348516	0.651815	-1.53418	0.231411	0.803765	-1.24415	0.0260586	0.631544	-1.58342	0.00648118	0.540155	-1.85132
cg10940462	NRXN2;NRXN2	0.0189646	0.0397781	0.151834	-6.58615	0.728247	0.758357	-1.31864	0.843425	0.854865	-1.16978	0.438249	1.87193	1.87193	0.00487228	0.0518399	-19.2902
cg09526022	NRXN2;NRXN2	0.0201666	0.799322	1.03009	1.03009	0.36934	0.898271	-1.11325	0.0747748	0.79378	-1.25979	0.0623108	0.783356	-1.27656	0.0348161	1.33143	1.33143
cg20234205	NRXN2;NRXN2	0.022773	0.321965	0.651085	-1.5359	0.0626843	0.415419	-2.40721	0.0152887	0.286798	-3.48678	0.0169142	0.294652	-3.39383	0.0344683	0.355464	-2.81322
cg17236169	NRXN2;NRXN2	0.0259762	0.724258	1.15485	1.15485	0.832952	1.08964	1.08964	0.807345	0.905467	-1.1044	0.637897	0.824739	-1.2125	0.192139	1.75273	1.75273
cg27017482	NRXN2;NRXN2	0.0349164	0.0506079	4.16503	4.16503	0.0455695	4.3424	4.3424	0.129037	2.85932	2.85932	0.139559	2.76851	2.76851	0.160477	2.61243	2.61243
cg03263716	NRXN2;NRXN2	0.0436548	0.529782	1.25856	1.25856	0.00215947	4.73879	4.73879	0.00694552	3.53207	3.53207	0.513051	1.27082	1.27082	0.394149	1.37071	1.37071
cg07256668	NRXN2;NRXN2;NRXN2	0.0033285	0.00401368	1.79102	1.79102	0.000277613	2.45191	2.45191	0.722474	1.05523	1.05523	0.0332692	1.45516	1.45516	0.00791516	1.67105	1.67105
cg07302293	NRXN2;NRXN2;NRXN2	0.00838184	0.00745206	0.422941	-2.3644	0.0250343	0.513877	-1.94599	0.732073	1.08961	1.08961	0.513092	1.18015	1.18015	0.00126253	0.308724	-3.23914
cg22797270	NRXN2;NRXN2;NRXN2	0.0147396	0.0131055	5.23826	5.23826	0.0426498	3.5116	3.5116	0.504455	1.43987	1.43987	0.0787645	2.85968	2.85968	0.898117	0.933379	-1.07138
cg12257634	NRXN2;NRXN2;NRXN2	0.0212356	0.104319	0.406992	-2.45705	0.0645868	2.8606	2.8606	0.141369	2.22715	2.22715	0.0354087	3.45601	3.45601	0.0246285	0.257963	-3.87653
cg27466845	NRXN2;NRXN2;NRXN2	0.0256139	0.0174356	9.69879	9.69879	0.00727093	15.1475	15.1475	0.0219221	8.6564	8.6564	0.0749521	4.74369	4.74369	0.0180142	9.54223	9.54223
cg24524285	NRXN2;NRXN2;NRXN2	0.0293436	0.141084	1.71653	1.71653	0.550645	0.813749	-1.22888	0.0150595	2.77268	2.77268	0.0173255	2.68939	2.68939	0.845285	1.06896	1.06896
cg02961807	NRXN2;NRXN2;NRXN2	0.0400026	0.039467	0.562917	-1.77646	0.0189583	1.98457	1.98457	0.327348	1.27624	1.27624	0.658627	0.898292	-1.11322	0.0508908	0.584771	-1.71007
cg03035661	NRXN2;NRXN2;NRXN2	0.0402281	0.0081818	0.441507	-2.26497	0.83185	1.05271	1.05271	0.176333	1.41523	1.41523	0.74686	0.924737	-1.08139	0.459153	1.19973	1.19973
cg23182880	NRXN2;NRXN2;NRXN2	0.0459698	0.446188	0.804073	-1.24367	0.0308567	0.490677	-2.038	0.67317	0.887681	-1.12653	0.951412	1.01726	1.01726	0.00260008	0.309859	-3.22728
cg11892836	NRXN2;NRXN2;NRXN2;NRXN2	0.0176749	0.703992	0.959307	-1.04242	0.0250246	0.748131	-1.33666	0.49872	1.07761	1.07761	0.760143	0.967224	-1.03389	0.293587	0.888189	-1.12589
cg09340276	NRXN3	0.000623545	0.0904038	0.661345	-1.51207	0.0159357	0.519923	-1.92336	0.00848489	0.474935	-2.10555	6.62E-05	0.197666	-5.05904	0.0273749	1.78316	1.78316
cg18199664	NRXN3	0.00102821	0.055502	0.713303	-1.40193	0.0291632	1.49205	1.49205	0.0207868	1.54225	1.54225	0.0683564	0.727836	-1.37394	0.739971	0.949471	-1.05322
cg10991579	NRXN3	0.00531486	0.000863753	0.272673	-3.6674	0.330597	1.29804	1.29804	0.134033	1.52177	1.52177	0.325379	1.30195	1.30195	0.003668	0.36032	-2.77531
cg18422058	NRXN3	0.00774128	0.0527936	0.43805	-2.28285	0.00093408	0.156895	-6.3737	0.000537122	0.132752	-7.53287	0.143488	0.554636	-1.80299	0.193123	0.596658	-1.676
cg04549090	NRXN3	0.0191856	0.00374233	0.579587	-1.72537	0.0336334	0.707676	-1.41308	0.755555	0.957418	-1.04448	0.530966	1.09246	1.09246	0.0784352	1.31309	1.31309
cg05850716	NRXN3	0.0202462	0.268345	0.828106	-1.20758	0.018008	1.60023	1.60023	0.0897122	1.35804	1.35804	0.959931	1.00825	1.00825	0.106558	1.33415	1.33415
cg21061859	NRXN3	0.0208425	0.0483531	0.447653	-2.23388	0.0125962	0.331097	-3.02027	0.00689247	0.287577	-3.47732	0.333015	0.700621	-1.4273	0.00302583	0.235059	-4.25426
cg10828316	NRXN3	0.0214912	0.00515469	0.173423	-5.76624	0.0415819	0.328109	-3.04777	0.194402	0.521454	-1.91772	0.295681	0.597893	-1.67254	0.028349	0.293	-3.41297
cg25086732	NRXN3	0.0422826	0.843929	0.976722	-1.02383	0.216994	0.856224	-1.16792	0.267587	0.871094	-1.14798	0.397316	0.901616	-1.10912	0.0361199	1.33806	1.33806
cg16443633	NRXN3	0.042799	0.171273	0.641467	-1.55893	0.226051	0.678767	-1.47326	0.0152916	0.403457	-2.47858	0.537536	0.826723	-1.2096	0.0013229	0.240821	-4.15246
cg05339574	NRXN3	0.0436613	0.710907	0.90346	-1.10686	0.281702	1.35674	1.35674	0.267448	1.37031	1.37031	0.002805	0.32533	-3.0738	0.0886694	0.599213	-1.66885
cg16372520	NRXN3	0.04959	0.0901464	0.336709	-2.96992	0.130989	2.58677	2.58677	0.510877	0.67795	-1.47504	0.0822866	0.325667	-3.07062	0.859806	1.10853	1.10853
cg22878414	NRXN3;NRXN3	0.0494258	0.0522898	2.46013	2.46013	0.0115002	3.63018	3.63018	0.389938	1.43233	1.43233	0.811983	1.10207	1.10207	0.3138	1.52939	1.52939
cg25564511	NRXN3;NRXN3;NRXN3	0.000188033	0.00522805	0.531687	-1.8808	0.000816294	0.420974	-2.37544	0.0301506	0.645863	-1.54832	0.0447004	0.673576	-1.48461	1.95E-05	0.226346	-4.41801
cg20312971	NRXN3;NRXN3;NRXN3	0.00130357	0.131945	0.633032	-1.5797	0.0358877	1.98664	1.98664	0.00107414	3.88994	3.88994	0.760628	0.917662	-1.08973	0.177297	0.668168	-1.49663
cg12779438	NRXN3;NRXN3;NRXN3	0.00161391	0.29755	0.885601	-1.12918	0.0626515	0.790037	-1.26576	0.00281456	0.629411	-1.58879	0.0552708	0.783143	-1.27691	0.00441255	0.652117	-1.53347
cg07147443	NRXN3;NRXN3;NRXN3	0.00715362	0.0300336	0.670408	-1.49163	0.952359	0.990682	-1.00941	0.0173329	0.635035	-1.57472	0.586008	0.917441	-1.08999	0.0248355	1.51968	1.51968
cg24197470	NRXN3;NRXN3;NRXN3	0.0103341	0.0803041	0.783287	-1.27667	0.247365	0.858756	-1.16448	0.132796	0.815308	-1.22653	0.506972	0.918734	-1.08845	0.0212547	1.41709	1.41709
cg10737847	NRXN3;NRXN3;NRXN3	0.0124754	0.159882	1.30981	1.30981	0.0113093	0.565483	-1.7684	0.72498	0.938493	-1.06554	0.142546	0.753312	-1.32747	0.0708326	0.695756	-1.43729
cg19662611	NRXN3;NRXN3;NRXN3	0.0128022	0.153249	1.54089	1.54089	0.0242481	0.467958	-2.13694	0.00252023	0.305497	-3.27336	0.489476	0.819969	-1.21956	0.0579373	0.545525	-1.8331
cg16711612	NRXN3;NRXN3;NRXN3	0.0160736	0.441456	0.886995	-1.1274	0.739248	0.950247	-1.05236	0.726747	1.05506	1.05506	0.00312758	0.539407	-1.85389	0.150545	1.26543	1.26543
cg18597220	NRXN3;NRXN3;NRXN3	0.0196356	0.921679	1.02544	1.02544	0.00109002	0.291935	-3.42542	0.0118118	0.447891	-2.23269	0.0667439	0.591469	-1.69071	0.830906	1.05615	1.05615
cg09950309	NRXN3;NRXN3;NRXN3	0.0210273	0.631659	1.1092	1.1092	0.0255842	1.76676	1.76676	0.121463	1.43372	1.43372	0.0541448	1.59837	1.59837	0.117252	0.694129	-1.44065
cg02030212	NRXN3;NRXN3;NRXN3	0.0385535	0.080175	0.664905	-1.50397	0.324064	1.23877	1.23877	0.1909	0.747389	-1.33799	0.287538	0.792817	-1.26133	0.0268096	0.576093	-1.73583
cg10015904	NRXN3;NRXN3;NRXN3	0.039744	0.285467	0.754626	-1.32516	0.101837	0.634781	-1.57535	0.0193985	0.488049	-2.04897	0.0908513	0.623302	-1.60436	0.0126754	0.455534	-2.19523
cg22828707	NRXN3;NRXN3;NRXN3	0.0445712	0.017633	0.335254	-2.98281	0.00401368	0.231467	-4.32027	0.0236924	0.359783	-2.77945	0.846204	0.92913	-1.07628	0.340843	0.689666	-1.44998
cg17788587	NSA2	0.0085226	0.715167	1.06215	1.06215	0.0134672	0.604506	-1.65424	0.536601	0.902169	-1.10844	0.768947	0.952692	-1.04966	0.000202165	0.35856	-2.78893
cg20277250	NSA2;GFM2;GFM2;GFM2	0.0103796	0.00852763	0.284307	-3.51733	0.00875912	0.286192	-3.49415	0.140519	0.552081	-1.81133	0.539645	1.26197	1.26197	0.465023	0.75684	-1.32128
cg06452451	NSA2;GFM2;GFM2;GFM2;GFM2;GFM2;GFM2	0.0407764	0.750722	1.11801	1.11801	0.805283	1.09029	1.09029	0.386906	1.36399	1.36399	0.00339445	0.2481	-4.03064	0.919702	0.965324	-1.03592
cg08881067	NSA2;GFM2;GFM2;GFM2;GFM2;GFM2;GFM2	0.0437323	0.288606	0.786957	-1.27072	0.247783	0.768908	-1.30055	0.00915728	0.486844	-2.05405	0.0838796	1.51589	1.51589	0.154322	0.717768	-1.39321
cg08039701	NSA2;NSA2;GFM2;GFM2;GFM2	0.000193599	0.574991	1.04175	1.04175	0.00115094	0.708268	-1.41189	0.664859	1.03197	1.03197	0.908742	1.00831	1.00831	0.0532926	0.853409	-1.17177
cg17333223	NSA2;NSA2;GFM2;GFM2;GFM2	0.00146857	0.0310602	1.4704	1.4704	0.13742	0.783734	-1.27594	0.00667537	0.585054	-1.70924	0.224288	1.21463	1.21463	0.220766	0.821948	-1.21662
cg07344609	NSD1;NSD1	0.000140537	0.701834	0.939662	-1.06421	0.111462	0.755417	-1.32377	0.000513794	0.415944	-2.40417	0.00222367	0.499949	-2.0002	2.06E-05	0.248693	-4.02102
cg04487904	NSD1;NSD1	0.000592964	0.000773305	0.304936	-3.27938	0.0497253	0.593092	-1.68608	0.0107197	0.473122	-2.11362	0.839755	0.953849	-1.04838	0.000135774	0.214069	-4.67138
cg11316784	NSD1;NSD1	0.000837748	0.474833	0.913138	-1.09513	0.0122765	1.47695	1.47695	0.15346	1.21059	1.21059	0.925115	0.988314	-1.01182	0.545874	1.07942	1.07942
cg18035571	NSD1;NSD1	0.0017028	0.250407	1.12413	1.12413	0.000846838	0.613386	-1.6303	0.00171374	0.64655	-1.54667	0.756572	1.03076	1.03076	0.0131377	0.74111	-1.34933
cg19731612	NSD1;NSD1	0.00254387	0.00703564	10.1249	10.1249	0.0644617	3.97553	3.97553	0.170995	2.63414	2.63414	0.0996233	3.31719	3.31719	0.0056607	11.157	11.157
cg00619245	NSD1;NSD1	0.00265578	0.0023516	0.350918	-2.84967	0.0130898	2.13684	2.13684	0.100348	0.641373	-1.55916	0.641079	0.890618	-1.12282	0.000392854	0.248212	-4.02881
cg23224752	NSD1;NSD1	0.0125151	0.265835	0.564275	-1.77219	0.233464	0.539832	-1.85243	0.00443419	0.153535	-6.51317	0.110718	0.424147	-2.35767	0.0013262	0.0998423	-10.0158
cg07286681	NSD1;NSD1	0.0204964	0.0429907	0.274849	-3.63836	0.0761789	0.334796	-2.9869	0.090539	0.355493	-2.81299	0.118388	0.390552	-2.56048	0.00345631	0.110611	-9.04067
cg27396141	NSD1;NSD1	0.024793	0.524141	1.14199	1.14199	0.823615	1.04699	1.04699	0.113514	0.701736	-1.42504	0.0648569	1.53182	1.53182	0.00113469	0.373493	-2.67743
cg10784548	NSD1;NSD1	0.0264531	0.853384	1.05461	1.05461	0.0322575	0.486439	-2.05576	0.00728923	0.369892	-2.7035	0.554161	0.842008	-1.18764	0.497716	0.820496	-1.21878
cg17493885	NSD1;NSD1	0.0334504	0.0292636	41.0864	41.0864	0.0465928	27.0301	27.0301	0.116011	11.8388	11.8388	0.0889145	15.0972	15.0972	0.224623	6.33045	6.33045
cg08970651	NSD1;NSD1	0.0382257	0.00384476	0.200608	-4.98486	0.0932644	0.467048	-2.14111	0.447433	0.72667	-1.37614	0.380722	1.44883	1.44883	0.998797	1.00062	1.00062
cg18121224	NSD1;NSD1	0.0495331	0.0311408	36.5924	36.5924	0.0986981	13.1544	13.1544	0.188758	7.25444	7.25444	0.0835387	15.2701	15.2701	0.245908	5.62413	5.62413
cg25557806	NSDHL;NSDHL	3.26E-06	0.313087	0.900953	-1.10994	1.97E-07	0.204976	-4.87861	9.88E-05	0.501044	-1.99583	0.000172279	0.528402	-1.8925	1.42E-06	0.293247	-3.4101
cg03829491	NSDHL;NSDHL	0.00291733	0.532459	0.852329	-1.17326	0.00417047	0.37901	-2.63845	0.00379359	0.372766	-2.68265	0.00220797	0.3382	-2.95683	0.000376128	0.237729	-4.20647
cg19514407	NSDHL;NSDHL	0.00483099	0.0349701	0.425855	-2.34822	0.0149686	0.353707	-2.8272	0.159263	0.592984	-1.68639	0.633992	1.18132	1.18132	0.000208902	0.115862	-8.63093
cg10349665	NSDHL;NSDHL;CETN2	2.90E-05	0.0591241	0.618794	-1.61605	0.00805954	0.465585	-2.14783	0.00171427	0.36487	-2.7407	0.18377	0.727868	-1.37387	2.34E-06	0.0750076	-13.332
cg10634358	NSDHL;NSDHL;CETN2	0.000153157	0.179114	0.761949	-1.31242	0.0617577	0.669793	-1.493	0.00212934	0.43942	-2.27573	0.126119	1.37063	1.37063	8.65E-06	0.15852	-6.30836

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03602698	0.858453	1.02767	1.02767	0.028163	1.48632	1.48632	0.513352	0.903627	-1.10665	0.342926	0.861246	-1.16111	8.13375	3.01079	0.329031	1
cg24638819	0.0177272	0.299325	-3.34085	0.241225	0.598611	-1.67053	0.0933775	0.462114	-2.16397	0.124175	0.498384	-2.00649	7.02177	19.457	2.46308	1
cg07913781	0.818908	0.949758	-1.0529	0.014295	1.97204	1.97204	0.440629	0.837976	-1.19335	0.184206	0.728602	-1.37249	6.90113	5.52238	0.711301	1
cg09277467	0.00506255	0.378714	-2.64051	0.279014	0.744622	-1.34296	0.481609	0.829115	-1.20611	0.00677562	0.398754	-2.50781	6.25327	6.79787	0.966304	1
cg07233135	0.818404	0.967209	-1.0339	0.0658047	0.741356	-1.34888	0.0768152	0.751797	-1.33015	0.182313	0.814483	-1.22777	6.22875	2.0733	0.295876	1
cg23198568	0.061328	1.20093	1.20093	0.183821	0.884744	-1.13027	0.288655	1.10039	1.10039	0.264048	1.1064	1.1064	6.01644	0.718722	0.106186	1
cg24892069	0.185699	0.650314	-1.53772	0.0174893	0.411926	-2.42762	0.0127662	0.387256	-2.58227	0.884929	1.04541	1.04541	3.58771	5.34283	1.32374	1
cg19131541	0.118537	0.754331	-1.32568	0.00394219	1.90645	1.90645	0.340306	1.17762	1.17762	0.193315	0.795312	-1.25737	3.52249	1.54422	0.389679	1
ch.2.4116732R	0.227046	0.860596	-1.16198	0.971936	1.00417	1.00417	0.974034	1.00386	1.00386	0.883392	1.01753	1.01753	4.01456	0.890973	0.197276	1
cg06285439	0.00251106	0.373684	-2.67605	4.23E-05	0.160949	-6.21316	0.0134755	0.488011	-2.04913	5.32E-06	0.089001	-11.2358	38.1521	33.2365	0.774363	1
cg11114141	0.111024	0.749622	-1.33401	0.000792262	0.431053	-2.3199	0.139661	0.768104	-1.30191	0.000814841	0.432656	-2.31131	13.7396	5.99559	0.387887	1
cg05025612	0.0102595	2.64904	2.64904	0.00270883	3.48117	3.48117	0.0381073	2.06222	2.06222	0.0525951	1.94162	1.94162	4.85742	6.97471	1.27634	1
cg02183001	0.00224566	0.480069	-2.08303	0.0235446	0.628799	-1.59033	0.0115975	0.581962	-1.71833	0.0153351	0.60018	-1.66617	27.6677	12.8947	0.414272	1
cg19795793	0.00113187	0.184614	-5.41671	0.00023273	0.116053	-8.61679	0.00275839	0.233041	-4.29109	0.00294647	0.236934	-4.22058	22.0274	43.3971	1.75124	1
cg24538292	0.40151	0.835031	-1.19756	0.000962536	0.356227	-2.8072	0.233509	1.29987	1.29987	0.0257636	0.573507	-1.74366	14.7056	10.2675	0.620623	1
cg01154445	0.0190836	0.208462	-4.79704	0.00145429	0.0787146	-12.7041	0.000912014	0.064543	-15.4936	0.0135319	0.184674	-5.41496	12.9863	62.8269	4.30039	1
cg05264870	0.900288	1.06161	1.06161	0.00829634	0.199983	-5.00043	0.68373	1.21572	1.21572	0.00595728	0.17998	-5.55617	4.37947	15.7767	3.20215	1
cg01631497	0.88491	0.920156	-1.08677	0.0124985	0.167753	-5.96115	0.781848	0.852586	-1.1729	0.0141852	0.175787	-5.68871	4.11531	21.5132	4.64675	1
cg04768970	0.516381	0.84004	-1.19042	0.481075	1.20892	1.20892	0.337202	1.29968	1.29968	0.990306	1.00322	1.00322	3.50367	3.89419	0.987966	1
cg14163802	0.00174968	0.634919	-1.575	0.878645	0.984562	-1.01568	0.252289	0.885348	-1.1295	0.671693	1.04437	1.04437	5.04186	0.828016	0.145981	1
cg18371506	0.424368	1.14808	1.14808	0.000869506	0.429304	-2.32935	0.058827	0.696836	-1.43506	0.53551	1.11205	1.11205	4.59721	2.08581	0.403299	1
cg04899492	0.386931	0.969412	-1.03155	9.74E-07	0.636573	-1.57091	0.00785696	0.887387	-1.1269	0.00116136	1.18187	1.18187	36.8961	0.716986	0.0172734	1
cg24754066	0.240027	0.821406	-1.21742	0.464612	1.1264	1.1264	0.556501	0.90927	-1.09978	0.0847636	1.35643	1.35643	4.4055	1.78444	0.360044	1
cg07811644	0.13461	1.12801	1.12801	0.0276011	0.823237	-1.21472	0.255274	1.09274	1.09274	0.0293471	1.21124	1.21124	4.27783	0.377776	0.0784979	1
cg11065015	0.425538	1.10837	1.10837	0.000761578	0.524658	-1.906	0.00116331	0.547161	-1.82762	0.182771	1.19574	1.19574	10.419	2.63814	0.22507	1
cg07611334	0.782273	1.03477	1.03477	0.72583	0.957495	-1.04439	0.330558	0.883502	-1.13186	0.527017	0.923974	-1.08228	5.05437	1.21833	0.214263	1
cg10839041	0.266045	0.884741	-1.13027	0.985202	1.00196	1.00196	0.116076	1.19778	1.19778	0.00444254	1.49343	1.49343	4.80391	0.849512	0.157189	1
cg08713365	0.587341	1.15796	1.15796	0.0167789	0.45786	-2.18407	0.0269334	2.01636	2.01636	0.778021	1.07858	1.07858	4.23333	4.80294	1.00849	1
cg19915582	0.00024106	0.279759	-3.57451	0.000652105	0.334242	-2.99185	0.42163	1.18784	1.18784	4.41E-05	0.197178	-5.07156	35.2479	24.5459	0.619003	1
cg07997737	0.000211793	0.287164	-3.48233	0.00470718	2.13159	2.13159	8.25E-05	0.239529	-4.17486	0.0143328	0.544199	-1.83756	19.804	12.7367	0.57168	1
cg25775109	0.000106129	0.221759	-4.5094	2.18E-05	0.152932	-6.53886	0.0481338	0.608251	-1.64406	0.107092	0.678965	-1.47283	15.8617	12.1714	0.682082	1
cg06515543	0.000352289	0.27159	-3.68202	3.32E-05	0.160603	-6.22655	0.132455	0.691708	-1.4457	0.0951789	0.659508	-1.51628	15.1439	12.3625	0.725632	1
cg14694342	0.00240371	0.371146	-2.69436	0.557236	0.870104	-1.14929	8.48E-05	5.23763	5.23763	0.330687	1.26525	1.26525	9.50712	8.27271	0.773475	1
cg25260420	0.00494788	0.292959	-3.41345	0.00117899	0.208082	-4.80579	0.731302	1.12043	1.12043	0.515729	0.80461	-1.24284	6.85267	11.8101	1.53194	1
cg24035928	0.0122066	0.407387	-2.45467	0.0104958	0.396072	-2.52479	0.00251458	0.299192	-3.34233	0.281374	0.724725	-1.37983	6.15677	8.06384	1.16422	1
cg16505856	0.00846124	0.56702	-1.76361	0.000847449	0.428881	-2.33165	0.00492226	0.533279	-1.87519	0.117695	0.750702	-1.33209	6.10214	2.75264	0.400972	1
cg18596369	0.0124085	0.354896	-2.81772	0.00282917	0.254447	-3.9301	0.00352713	0.267989	-3.7315	0.557848	0.820954	-1.21809	5.51818	9.68392	1.55992	1
cg26360644	0.490782	0.674989	-1.48151	0.677104	0.790433	-1.26513	0.761458	0.842836	-1.18647	0.945693	0.962467	-1.039	4.75863	23.7685	4.43985	1
cg09271709	0.0317163	2.11175	2.11175	0.00034609	5.52297	5.52297	0.00168473	3.79095	3.79095	0.931151	1.02598	1.02598	19.4006	27.0779	1.24064	1
cg25565504	0.0423924	1.68928	1.68928	0.948577	1.01457	1.01457	0.00143414	2.81211	2.81211	0.784218	1.0635	1.0635	9.58465	7.63683	0.708247	1
cg03714495	0.910693	0.974017	-1.02668	0.144885	1.44393	1.44393	0.660714	1.10919	1.10919	0.000857797	0.308907	-3.23722	8.51339	7.42281	0.775021	1
cg18773591	0.0769992	1.80883	1.80883	0.431759	1.27359	1.27359	0.000589909	4.95228	4.95228	0.430777	1.27427	1.27427	7.75227	11.1537	1.2789	1
cg22573528	0.563603	0.761065	-1.31395	0.0958375	0.425111	-2.35232	0.00199679	7.69525	7.69525	0.222015	1.82252	1.82252	5.74231	19.8896	3.07884	1
cg07781364	0.033319	1.80838	1.80838	0.0318528	1.82051	1.82051	0.00179881	2.87949	2.87949	0.952026	1.01443	1.01443	5.71967	5.1389	0.798632	1
cg22324022	0.364788	1.17985	1.17985	0.576904	1.10528	1.10528	0.721415	0.938391	-1.06565	0.681577	0.929348	-1.07602	5.52973	2.76245	0.444057	1
cg01014190	0.670353	1.22205	1.22205	0.250256	0.569687	-1.75535	0.00793606	4.9246	4.9246	0.15603	2.0355	2.0355	5.27494	18.3233	3.08769	1
cg10978002	0.215896	0.820056	-1.21943	0.761833	1.04739	1.04739	0.198146	0.812884	-1.23019	0.0188289	0.648281	-1.54254	5.01387	1.84239	0.32663	1
cg06466689	0.250869	1.19039	1.19039	0.00996579	1.6044	1.6044	0.986791	0.997598	-1.00241	0.387604	0.879292	-1.13728	4.52666	1.51282	0.297068	1
cg16852792	0.0899838	1.77076	1.77076	0.1855	1.53616	1.53616	0.848397	0.943163	-1.06026	0.619626	0.858128	-1.16533	3.43574	5.08727	1.31617	1
cg03531247	0.861404	1.10128	1.10128	3.86E-05	0.0128517	-77.811	0.0298828	4.09852	4.09852	0.0212987	0.216994	-4.60842	12.4436	60.0622	4.29046	1
cg10099415	0.336279	1.22644	1.22644	0.00809219	0.497498	-2.01006	0.000161356	3.76699	3.76699	0.935093	0.983371	-1.01691	10.0924	6.77459	0.596671	1
cg13906811	0.00776	0.322555	-3.10025	7.23E-05	0.0915317	-10.9252	0.671625	1.15156	1.15156	0.302661	0.702328	-1.42384	9.10399	15.7914	1.54183	1
cg26881899	0.478592	0.867091	-1.15328	0.0119431	1.86075	1.86075	0.000721692	2.76882	2.76882	0.00145413	2.48558	2.48558	6.90857	4.28817	0.551735	1
cg08425543	0.555419	1.17714	1.17714	0.0143363	2.28318	2.28318	0.256035	1.38293	1.38293	0.856502	1.05074	1.05074	5.41801	6.41593	1.05261	1
cg20062057	0.208856	0.758077	-1.31913	0.763566	0.938876	-1.0651	0.71686	1.07912	1.07912	0.000997141	2.77884	2.77884	5.29223	3.6637	0.615358	1
cg18201351	0.0529041	0.443973	-2.25239	0.152902	0.568362	-1.75944	0.0892063	1.99722	1.99722	0.719187	0.875238	-1.14255	5.16402	11.1413	1.91777	1
cg20536469	0.225827	0.765574	-1.30621	0.0809804	0.666064	-1.50136	0.670683	0.914085	-1.09399	0.0173907	1.83715	1.83715	4.67576	3.26651	0.620981	1
cg07529754	0.0213017	0.357299	-2.79878	0.00329875	0.225695	-4.43077	0.289485	1.50511	1.50511	0.316982	0.68066	-1.46916	4.57852	10.028	1.94686	1
cg12001457	0.0798846	1.57204	1.57204	0.00435442	2.42722	2.42722	0.590597	0.881246	-1.13476	0.567555	0.874153	-1.14396	4.32871	3.71471	0.762806	1
cg06707406	0.652782	0.882521	-1.13312	0.00218629	0.305489	-3.27344	0.573206	1.17009	1.17009	0.216127	1.43219	1.43219	4.07479	4.91433	1.07203	1
cg09044294	0.0840355	1.32209	1.32209	0.00117403	2.00477	2.00477	0.107132	1.29289	1.29289	0.917464	1.01525	1.01525	3.96169	1.33849	0.300319	1
cg17677030	0.162693	0.58457	-1.71066	0.0374938	0.419132	-2.38588	0.466651	1.30584	1.30584	0.526886	0.793768	-1.25981	3.71243	7.63013	1.82693	1
cg22322562	0.258873	0.756144	-1.3225	0.0179851	0.505546	-1.97806	0.040411	0.570218	-1.75372	0.158056	1.43064	1.43064	3.63481	3.24144	0.79269	1
cg22001533	0.204349	0.553555	-1.80651	0.0512086	0.3752	-2.66524	0.00096211	8.7646	8.7646	0.58914	0.786039	-1.2722	5.41737	16.7262	2.74447	1
cg05015185	0.325582	0.744514	-1.34316	0.218039	0.686191	-1.45732	0.00261896	3.35712	3.35712	0.532686	0.832209	-1.20162	3.88072	5.19208	1.18926	1
cg14875171	0.201235	0.334276	-2.99154	0.176522	0.311466	-3.21062	0.0051484	20.0766	20.0766	0.272184	0.395375	-2.52924	3.60414	37.6234	9.27905	1
cg08008931	0.0116696	0.293874	-3.40282	0.330414	1.47731	1.47731	0.290182	1.53193	1.53193	0.527549	1.28236	1.28236	3.42584	8.19116	2.12532	1
cg01579950	0.0102446	2.2829	2.2829	9.51E-05	5.88765	5.88765	0.0015875	3.17797	3.17797	0.157515	1.47035	1.47035	8.34582	8.59841	0.915792	1
cg25073093	0.129965	1.40894	1.40894	0.0406209	0.609264	-1.64133	0.0529645	1.58561	1.58561	0.512139	1.14952	1.14952	8.24948	5.73975	0.618463	1
cg05267623	0.169133	0.670413	-1.49162	0.0170773	0.444314	-2.25066	0.0210577	0.461871	-2.16511	0.896613	1.03577	1.03577	8.70604	8.76642	0.881068	1
cg21751231	0.385055	1.4108	1.4108	0.000380104	0.111525	-8.96662	0.521507	1.28543	1.28543	0.772959	1.11828	1.11828	5.12359	12.1187	2.10247	1
cg26805405	0.0946299	0.726358	-1.37673	0.588391	0.909295	-1.09975	0.319902	0.836214	-1.19587	0.0182461	1.64653	1.64653	4.81319	2.30869	0.426364	1
cg10940462	0.0170523	0.0996297	-10.0372	0.0102173	0.0767088	-13.0363	0.183454	3.06221	3.06221	0.467016	1.7984	1.7984	4.79008	47.7033	8.85225	1
cg09526022	0.569811	1.06912	1.06912	0.00550838	1.52895	1.52895	0.835383	1.02451	1.02451	0.0282137	0.739695	-1.35191	4.69132	1.00607	0.190625	1
cg20234205	0.0354886	0.358182	-2.79188	0.274425	0.62068	-1.61114	0.00157954	0.149141	-6.70507	0.409618	0.702105	-1.42429	4.50021	12.5366	2.47625	1
cg17236169	0.0902985	2.13552	2.13552	0.000568795	8.75559	8.75559	0.0904687	2.13449	2.13449	0.626273	0.819157	-1.22077	4.29945	11.2502	2.32591	1
cg27017482	0.0318172	5.01045	5.01045	0.00367853	12.3649	12.3649	0.0186071	6.21729	6.21729	0.0284598	5.23892	5.23892	3.87048	25.1466	5.77513	1
cg03263716	0.474026	1.30091	1.30091	0.0683037	2.09057	2.09057	0.688239	1.15688	1.15688	0.640114	1.18545	1.18545	3.56573	7.3712	1.83754	1
cg07256668	0.0850418	1.33252	1.33252	0.031186	1.46403	1.46403	0.0993025	1.31308	1.31308	0.00126709	2.03215	2.03215	8.29747	2.9866	0.319948	1
cg07302293	0.326803	0.77662	-1.28763	0.00328908	0.36783	-2.71865	0.487123	1.19281	1.19281	0.306118	0.767508	-1.30292	6.2516	6.17459	0.877939	1
cg22797270	0.557044	1.37665	1.37665	0.00168883	11.1906	11.1906	0.00467482	7.56864	7.56864	0.0298147	3.95912	3.95912	5.21076	23.9056	4.07799	1
cg12257634	0.764355	0.858813	-1.1644	0.029619	0.273497	-3.65635	0.0861177	2.61191	2.61191	0.212325	0.514231	-1.94465	4.60943	18.712	3.60845	1
cg27466845	0.77319	1.25463	1.25463	0.0409746	6.36967	6.36967	0.0128026	11.3262	11.3262	0.100151	4.11267	4.11267	4.32057	42.1662	8.67501	1
cg24524285	0.614536	1.18926	1.18926	0.00921516	0.323565	-3.09057	0.758628	0.900139	-1.11094	0.280291	1.46681	1.46681	4.11902	7.60084	1.64027	1
cg02961807	0.75173	0.926294	-1.07957	0.351897	0.793655	-1.25999	0.0178518	0.499275	-2.0029	0.68719	1.10258	1.10258	3.68305	3.3946	0.819273	1
cg03035661	0.243917	1.34252	1.34252	0.00948383	2.21243	2.21243	0.821528	1.0561	1.0561	0.120049	1.50297	1.50297	3.67543	3.39773	0.821728	1
cg23182880	0.0379834	0.508838	-1.96526	0.0864667	0.587521	-1.70207	0.0593794	0.550083	-1.81791	0.582101	0.855484	-1.16893	3.49745	4.36856	1.11028	1
cg11892836	0.593234	1.06043	1.06043	0.00089111	1.71878	1.71878	0.269646	1.13327	1.13327	0.176984	0.855404	-1.16904	4.90507	0.920154	0.166749	1
cg09340276	0.393611	1.21367	1.21367	0.00259844	2.52094	2.52094	0.0375527	0.585843	-1.70694	0.181208	0.73011	-1.36966	13.4388	10.4521	0.691339	1
cg18199664	0.00204456	1.96716	1.96716	0.000148318	0.362329	-2.75992	0.20885	0.813642	-1.22904	0.0907037	0.748157	-1.33662	11.674	4.48071	0.341172	1
cg10991579	0.971958	1.00918	1.00918	0.012547	0.446299	-2.24065	0.0621467	0.57947	-1.72572	0.061382	0.578311	-1.72917	7.2028	7.70181	0.950471	1
cg18422058	0.787811	0.90379	-1.10645	0.564429	0.803763	-1.24415	0.03214	0.390199	-2.5628	0.118468	0.529652	-1.88803	6.41004	14.274	1.9794	1
cg04549090	0.0253124	1.44848	1.44848	0.942044	0.98992	-1.01018	0.0927676	1.29398	1.29398	0.923177	0.98665	-1.01353	4.77135	1.46716	0.273329	1
cg05850716	0.511057	1.11522	1.11522	0.000929861	2.24495	2.24495	0.422926	0.87467	-1.14329	0.652694	1.07693	1.07693	4.68503	1.98594	0.376791	1
cg21061859	0.244882	0.648299	-1.5425	0.0181439	0.359802	-2.77931	0.92873	0.968629	-1.03239	0.118379	0.546597	-1.8295	4.63893	9.32647	1.78709	1
cg10828316	0.54277	1.33938	1.33938	0.00245028	0.135461	-7.3822	0.138287	0.469117	-2.13166	0.0801125	0.39815	-2.51162	4.5906	16.3563	3.16711	1
cg25086732	0.832951	0.975077	-1.02556	0.0242135	1.37862	1.37862	0.0106723	0.681435	-1.46749	0.490234	0.919665	-1.08735	3.60834	0.816041	0.201026	1
cg16443633	0.917383	0.968868	-1.03213	0.378621	0.759321	-1.31697	0.994008	1.00229	1.00229	0.774574	0.916196	-1.09147	3.5921	5.28555	1.30794	1
cg05339574	0.103255	0.615093	-1.62577	0.227208	1.413	1.413	0.869567	0.956173	-1.04584	0.682025	1.11889	1.11889	3.56553	4.1994	1.04691	1
cg16372520	0.915254	1.06401	1.06401	0.00329146	0.0969135	-10.3185	0.280878	0.520345	-1.9218	0.102029	0.352368	-2.83794	3.39875	18.2855	4.78228	1
cg22878414	0.0427371	2.58908	2.58908	0.0301921	0.353628	-2.82783	0.785064	0.894498	-1.11795	0.772535	1.12548	1.12548	3.40303	8.96485	2.34166	1
cg25564511	0.00395185	0.514437	-1.94387	0.00555985	0.53551	-1.86738	0.117864	0.747391	-1.33799	2.02E-05	0.228059	-4.38483	18.6809	8.69806	0.413877	1
cg20312971	0.042724	1.927	1.927	0.282802	1.36865	1.36865	6.83E-05	7.75577	7.75577	0.609507	0.865141	-1.15588	10.9105	13.664	1.11322	1
cg12779438	0.00163232	0.601903	-1.6614	0.00208337	1.62807	1.62807	0.00793517	0.681833	-1.46663	0.0285281	0.747724	-1.33739	10.2607	2.05668	0.178171	1
cg07147443	0.679765	1.0672	1.0672	0.000826484	2.20135	2.20135	0.323923	0.852465	-1.17307	0.266362	1.19896	1.19896	6.57046	2.55466	0.345608	1
cg24197470	0.466361	1.09781	1.09781	0.000636299	1.93573	1.93573	0.885382	1.01832	1.01832	0.383394	0.89357	-1.11911	5.84873	1.46822	0.223139	1
cg10737847	0.00860199	0.547596	-1.82616	0.00846232	1.82971	1.82971	0.0854206	0.710547	-1.40737	0.830286	0.96216	-1.03933	5.50357	2.81522	0.45469	1
cg19662611	0.674033	1.12705	1.12705	0.0632811	1.80489	1.80489	0.0698194	0.563724	-1.77392	0.0302751	0.486707	-2.05462	5.45739	6.90822	1.1252	1
cg16711612	0.19926	1.23024	1.23024	0.0430273	1.42719	1.42719	0.445449	1.12618	1.12618	0.00673586	1.71042	1.71042	5.06326	1.87167	0.328584	1
cg18597220	0.792226	1.06977	1.06977	0.782041	0.931598	-1.07342	0.022851	0.498698	-2.00522	0.263867	0.742637	-1.34655	4.73402	4.89365	0.918861	1
cg09950309	0.00971608	2.01755	2.01755	0.0358011	0.59207	-1.68899	0.721646	1.07978	1.07978	0.0531547	1.60231	1.60231	4.62497	3.37267	0.648204	1
cg02030212	0.219263	0.762144	-1.31209	0.713116	1.08073	1.08073	0.0884879	0.673603	-1.48455	0.00247612	0.41291	-2.42184	3.73332	2.61357	0.622282	1
cg10015904	0.0133734	0.459542	-2.17608	0.652497	1.12191	1.12191	0.0254661	0.509742	-1.96178	0.081937	0.613141	-1.63095	3.69185	3.76565	0.906657	1
cg22828707	0.914396	1.04154	1.04154	0.0525446	0.434149	-2.30336	0.139768	0.548012	-1.82478	0.364577	0.702812	-1.42286	3.53818	8.02916	2.01715	1
cg17788587	0.625967	0.922363	-1.08417	0.041262	0.678851	-1.47308	0.433463	1.14054	1.14054	0.205118	0.802553	-1.24602	6.2188	2.66609	0.38108	1
cg20277250	0.914198	1.04121	1.04121	0.00313782	0.220236	-4.54058	0.0245811	0.366696	-2.72705	0.00407638	0.235876	-4.23951	5.8405	12.9863	1.97643	1
cg06452451	0.0384876	0.432085	-2.31436	0.09293	0.523632	-1.90974	0.110044	1.83971	1.83971	0.754507	1.11604	1.11604	3.65712	7.0948	1.72444	1
cg08881067	0.0346724	1.70839	1.70839	0.404223	0.830593	-1.20396	0.160337	0.721668	-1.38568	0.811691	0.949418	-1.05328	3.56337	2.66925	0.665849	1
cg08039701	0.311611	0.927204	-1.07851	4.06E-05	1.76037	1.76037	6.88E-05	1.69115	1.69115	0.11529	1.13159	1.13159	18.5339	1.53023	0.0733904	1
cg17333223	0.11223	0.768432	-1.30135	0.00024624	0.397561	-2.51533	0.00253518	1.89314	1.89314	0.258407	0.835589	-1.19676	10.5436	3.87423	0.32662	1
cg07344609	0.000330121	0.391424	-2.55478	0.00225789	1.99662	1.99662	0.266736	0.829273	-1.20588	0.00289124	0.515452	-1.94005	20.2085	8.37752	0.368492	1
cg04487904	0.000446572	0.274524	-3.64267	0.000260066	0.246128	-4.06292	0.0729984	0.627079	-1.59469	0.00368519	0.400097	-2.4994	13.6286	11.7559	0.766743	1
cg11316784	0.0059112	0.637471	-1.5687	2.64E-05	0.353725	-2.82705	0.685229	1.05227	1.05227	0.335144	1.13233	1.13233	12.3704	3.06289	0.220087	1
cg18035571	0.353726	1.09742	1.09742	0.00185272	1.538	1.538	0.767589	0.97154	-1.02929	0.253128	1.12331	1.12331	10.103	1.51873	0.133622	1
cg19731612	0.0497621	4.42388	4.42388	0.000106398	94.1447	94.1447	0.00286795	15.2636	15.2636	0.00794797	9.59428	9.59428	8.9859	62.8286	6.21503	1
cg00619245	0.489425	0.840932	-1.18916	0.00874269	0.438618	-2.27989	0.709875	1.09658	1.09658	0.0409378	0.558731	-1.78977	8.87255	8.55406	0.856981	1
cg23224752	0.0152755	0.229936	-4.34903	0.00724838	0.180925	-5.52715	0.760283	0.859827	-1.16303	0.0677406	0.364266	-2.74525	5.49788	21.2069	3.42871	1
cg07286681	0.015636	0.193284	-5.17374	0.0104474	0.167336	-5.976	0.642689	1.29577	1.29577	0.0217525	0.217076	-4.60668	4.66549	22.7258	4.32981	1
cg27396141	0.0741295	0.664097	-1.5058	0.892484	0.972569	-1.02821	0.921921	1.02037	1.02037	0.324996	0.811358	-1.2325	4.36984	2.92782	0.595562	1
cg10784548	0.226335	0.694131	-1.44065	0.00651571	2.76235	2.76235	0.311834	0.740303	-1.3508	0.440935	0.797839	-1.25339	4.27219	5.5885	1.16277	1
cg17493885	0.195819	7.23613	7.23613	0.00416693	258.595	258.595	0.0107925	102.836	102.836	0.0240803	49.024	49.024	3.93085	130.305	29.466	1
cg08970651	0.41938	0.711615	-1.40525	0.324849	0.657547	-1.5208	0.841331	0.920671	-1.08616	0.00484163	0.214207	-4.66839	3.74501	10.0853	2.39378	1
cg18121224	0.170521	7.9816	7.9816	0.0104951	97.8513	97.8513	0.0100013	102.328	102.328	0.0254443	43.7998	43.7998	3.40023	109.069	28.5127	1
cg25557806	0.0217308	0.759268	-1.31706	0.0624174	0.810868	-1.23325	0.00260625	1.51723	1.51723	0.0062261	0.700138	-1.42829	54.2004	8.57806	0.14068	1
cg03829491	0.0330204	0.532604	-1.87757	0.571322	1.15554	1.15554	0.549262	1.16547	1.16547	0.61155	0.878601	-1.13817	8.6294	8.72758	0.899002	1
cg19514407	0.826915	0.926744	-1.07905	0.00391753	0.259537	-3.85301	0.369969	0.726256	-1.37692	0.0202802	0.378235	-2.64386	7.41596	14.1755	1.69909	1
cg10349665	0.155	0.709776	-1.40889	2.47E-06	0.0764336	-13.0833	0.631706	0.89693	-1.11491	0.000749558	0.316039	-3.16417	30.7407	24.7008	0.714241	1
cg10634358	0.585669	0.900449	-1.11056	3.55E-05	0.218623	-4.57409	0.659011	0.918881	-1.08828	0.676313	0.923129	-1.08327	19.7457	11.3491	0.5109	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21781308	NSDHL;NSDHL;NSDHL;NSDHL;CETN2	0.0291214	0.0132051	0.297624	-3.35995	0.399557	0.711612	-1.40526	0.112691	0.506008	-1.97625	0.00866809	3.74339	3.74339	0.166758	0.559013	-1.78887
cg20242129	NSF	0.00121629	0.912052	0.979151	-1.02129	0.00143024	0.415018	-2.40953	6.25E-05	0.245001	-4.08162	0.00270461	0.453755	-2.20383	0.587053	1.11024	1.11024
cg19876689	NSF	0.00184916	0.63019	1.05355	1.05355	0.398211	0.911189	-1.09747	0.546928	0.936558	-1.06774	0.477514	0.925285	-1.08075	0.000109196	0.480585	-2.0808
cg12089229	NSF	0.00536077	0.455688	1.22487	1.22487	0.000297523	0.20764	-4.81603	0.00700635	0.394202	-2.53677	0.0369788	0.523764	-1.90926	0.158128	0.668428	-1.49605
cg25514439	NSF	0.00536522	0.0229242	1.55454	1.55454	0.0019646	0.491968	-2.03265	0.0200793	0.634626	-1.57573	0.676299	1.07044	1.07044	0.723586	1.05926	1.05926
cg06496478	NSF	0.00581412	0.0177029	0.557833	-1.79265	0.00814062	1.98458	1.98458	0.772451	0.943018	-1.06042	0.0984851	0.693055	-1.44289	0.00717405	0.495404	-2.01855
cg13684541	NSF	0.0105749	0.0242897	0.352235	-2.83901	0.0438737	0.406508	-2.45998	0.016009	0.317929	-3.14536	0.240197	0.620079	-1.6127	0.00292031	0.204101	-4.89953
cg12390588	NSF	0.0470015	0.949651	0.992204	-1.00786	0.0114876	0.675778	-1.47978	0.0224959	0.71266	-1.40319	0.123098	1.23002	1.23002	0.140541	0.821608	-1.21712
cg01244043	NSFL1C;NSFL1C;NSFL1C	0.000100038	5.74E-05	0.0404584	-24.7167	2.88E-05	0.0293488	-34.073	0.0442791	0.370513	-2.69896	0.000645188	0.105448	-9.48331	0.0747378	0.426137	-2.34666
cg02601525	NSFL1C;NSFL1C;NSFL1C	0.000458326	0.643317	0.891743	-1.1214	0.420734	0.817006	-1.22398	0.000416355	0.252694	-3.95736	8.50E-06	0.0924672	-10.8146	0.0625916	0.59757	-1.67344
cg13166577	NSFL1C;NSFL1C;NSFL1C	0.000638523	0.00036524	0.563656	-1.77413	0.000729224	0.597105	-1.67475	0.00349978	0.67185	-1.48843	0.0345258	0.780745	-1.28083	0.000390029	0.566847	-1.76415
cg16557355	NSFL1C;NSFL1C;NSFL1C	0.00111659	0.00265931	1.59615	1.59615	0.279669	0.881217	-1.13479	0.0843102	1.23969	1.23969	0.639751	1.05447	1.05447	0.793503	0.970915	-1.02996
cg06688875	NSFL1C;NSFL1C;NSFL1C	0.00146059	0.539368	0.884806	-1.13019	0.053212	0.648829	-1.54124	0.240085	0.784852	-1.27413	0.0919771	0.693954	-1.44102	2.75E-05	0.19629	-5.09449
cg05210338	NSFL1C;NSFL1C;NSFL1C	0.00192305	0.0019483	0.189351	-5.2812	0.00396339	0.22956	-4.35616	0.0059781	0.255429	-3.91498	0.0066833	0.262801	-3.80516	0.00166766	0.181254	-5.51711
cg13226290	NSFL1C;NSFL1C;NSFL1C	0.00372508	0.0361088	0.756751	-1.32144	0.0160979	0.714055	-1.40045	0.0195293	0.724145	-1.38094	0.00593515	0.662663	-1.50906	0.46324	0.91816	-1.08913
cg04055861	NSFL1C;NSFL1C;NSFL1C	0.0208976	0.506448	1.0936	1.0936	0.466969	1.10324	1.10324	0.536708	1.08658	1.08658	0.918455	0.986499	-1.01369	0.00798599	1.57035	1.57035
cg15598511	NSFL1C;NSFL1C;NSFL1C	0.032695	0.66623	1.30444	1.30444	0.54193	0.684571	-1.46077	0.816924	0.86779	-1.15235	0.31495	0.525838	-1.90173	0.448694	1.6081	1.6081
cg19741173	NSFL1C;NSFL1C;NSFL1C	0.049443	0.0805823	0.762657	-1.3112	0.309986	0.863398	-1.15821	0.189514	0.823408	-1.21446	0.0050141	0.595072	-1.68047	0.0793867	0.761661	-1.31292
cg19133883	NSFL1C;NSFL1C;NSFL1C;NSFL1C;NSFL1C ;NSFL1C	0.00103981	0.114959	0.826331	-1.21017	0.146929	0.840933	-1.18916	0.234184	0.870408	-1.14889	0.0816286	0.806717	-1.23959	0.000487262	0.544255	-1.83738
cg05376738	NSL1;NSL1	0.0315514	0.0490582	0.5278	-1.89466	0.00907776	2.56761	2.56761	?	?	?	0.306853	0.740173	-1.35104	0.833244	1.0618	1.0618
cg04230117	NSL1;NSL1	0.0436684	0.627236	1.13736	1.13736	0.013785	0.449023	-2.22706	0.545144	1.17475	1.17475	0.684059	0.897984	-1.11361	0.0746347	0.593157	-1.6859
cg17377690	NSMAF;NSMAF	0.00650976	0.0417736	0.547841	-1.82535	0.0537071	1.75375	1.75375	0.660959	1.11983	1.11983	0.499274	1.19229	1.19229	0.0544363	1.74999	1.74999
cg19963313	NSMAF;NSMAF	0.00853769	0.509684	0.910107	-1.09877	0.00801257	1.61369	1.61369	0.745101	0.955097	-1.04701	0.00208217	0.543234	-1.84083	0.744962	0.955072	-1.04704
cg01288611	NSMAF;NSMAF	0.0191213	0.968992	0.979267	-1.02117	0.00189162	10.7325	10.7325	0.0274413	4.07932	4.07932	0.483756	1.46752	1.46752	0.0536539	0.306957	-3.25778
cg17691156	NSMAF;NSMAF	0.0237249	0.511963	0.876652	-1.1407	0.0423099	1.58868	1.58868	0.648575	1.09507	1.09507	0.540285	1.13055	1.13055	0.00520428	0.481996	-2.07471
cg14482953	NSMAF;NSMAF	0.0321091	0.0997477	0.791732	-1.26305	0.0102735	0.657878	-1.52004	0.93755	1.0102	1.0102	0.339945	1.13578	1.13578	0.224606	1.17955	1.17955
cg04993564	NSMAF;NSMAF	0.0409188	0.0254532	0.722757	-1.38359	0.255784	1.15609	1.15609	0.705349	0.954619	-1.04754	0.0323789	0.736173	-1.35838	0.00391035	0.621974	-1.60778
cg25874782	NSMAF;NSMAF	0.045142	0.0235506	0.322531	-3.10048	0.331325	0.657453	-1.52102	0.199756	0.567331	-1.76264	0.080235	0.443967	-2.25242	0.26265	0.613444	-1.63014
cg22754569	NSMAF;NSMAF	0.0453633	0.406351	0.714517	-1.39955	0.697197	0.856641	-1.16735	0.877419	0.940748	-1.06298	0.222034	1.66176	1.66176	0.00717545	0.2532	-3.94945
cg03368690	NSMCE1	3.43E-05	5.96E-06	0.0945202	-10.5798	0.621425	1.1225	1.1225	0.454898	1.19327	1.19327	0.344342	1.25373	1.25373	5.57E-05	0.17552	-5.69737
cg06285337	NSMCE1	0.000163134	0.000273867	0.477302	-2.09511	0.0981987	0.798485	-1.25237	0.000221322	0.466152	-2.14522	0.0533594	0.76163	-1.31297	0.818114	1.02899	1.02899
cg02115302	NSMCE1	0.000300958	0.981051	0.996095	-1.00392	0.3409	0.850717	-1.17548	0.000454086	0.40245	-2.48478	0.375232	0.860777	-1.16174	1.58E-05	0.230234	-4.3434
cg07446740	NSMCE1	0.000367813	0.319394	1.07846	1.07846	6.11E-05	1.72145	1.72145	0.00650257	1.29647	1.29647	0.311775	0.926057	-1.07985	0.0277631	1.21041	1.21041
cg25324261	NSMCE1	0.000558493	0.892908	1.01373	1.01373	0.0223778	0.758039	-1.31919	0.000979802	0.608809	-1.64255	0.464253	1.07832	1.07832	0.00290446	1.51336	1.51336
cg09133090	NSMCE1	0.0105765	0.73803	1.06377	1.06377	0.73174	0.938592	-1.06543	0.0382097	0.642499	-1.55642	0.351803	0.838223	-1.193	0.0142714	0.573171	-1.74468
cg04094640	NSMCE1	0.0109894	0.121918	0.644937	-1.55054	0.174681	0.685453	-1.45889	0.00929236	0.421749	-2.37108	0.0015405	0.303663	-3.29313	0.0421182	0.541957	-1.84516
cg09327358	NSMCE1	0.0138468	0.0108801	0.260648	-3.8366	0.113065	0.484189	-2.06531	0.270076	0.616953	-1.62087	0.533898	0.767241	-1.30337	0.00381903	0.193923	-5.15668
cg06388418	NSMCE1	0.0158631	0.125916	0.699777	-1.42903	0.00429728	0.439021	-2.27779	0.0013327	0.365777	-2.7339	0.106525	0.683906	-1.46219	0.27883	0.784474	-1.27474
cg12391783	NSMCE1	0.0194478	0.13123	0.818757	-1.22136	0.769255	1.03676	1.03676	0.992286	1.00119	1.00119	0.0557997	0.766501	-1.30463	0.532114	1.08076	1.08076
cg10037913	NSMCE1	0.0278204	0.00347327	0.14805	-6.75445	0.236247	0.550091	-1.81788	0.773671	0.870355	-1.14896	0.12137	0.445406	-2.24514	0.00862735	0.199337	-5.01662
cg02654449	NSMCE1	0.0378802	0.293396	0.578237	-1.72939	0.161197	0.471404	-2.12132	0.012592	0.210286	-4.75542	0.0621498	0.348065	-2.87302	0.0305345	0.278754	-3.58739
cg22341968	NSMCE1	0.0404513	0.0564606	0.738054	-1.35491	0.35593	1.14288	1.14288	0.854011	0.974427	-1.02624	0.124829	0.791611	-1.26325	0.435573	0.894151	-1.11838
cg06919067	NSMCE1	0.048472	0.943933	0.990501	-1.00959	0.526367	1.09103	1.09103	0.49361	0.909969	-1.09894	0.614002	0.93331	-1.07145	0.376121	1.13118	1.13118
cg07521723	NSMCE1	0.0487448	0.00864736	5.0578	5.0578	0.288341	1.67557	1.67557	0.198342	1.89331	1.89331	0.484567	1.39308	1.39308	?	?	?
cg27145699	NSMCE1;NSMCE1	0.0396765	0.817404	0.939657	-1.06422	0.406016	0.79492	-1.25799	0.300163	1.33703	1.33703	0.0139483	0.429458	-2.32852	0.00945231	0.398751	-2.50783
cg10453541	NSMCE2	1.99E-06	0.0463962	0.825171	-1.21187	0.00318185	1.40396	1.40396	0.0793334	1.17827	1.17827	0.0362109	0.814536	-1.22769	3.62E-08	0.190679	-5.24442
cg24358599	NSMCE2	0.000186591	0.000235284	0.549743	-1.81903	0.213735	1.1371	1.1371	0.063448	0.814795	-1.2273	0.00178933	1.54675	1.54675	2.51E-05	0.439763	-2.27395
cg01919908	NSMCE2	0.000345499	0.00438427	0.59652	-1.67639	0.00032812	2.1989	2.1989	0.0425505	0.728258	-1.37314	0.494629	1.09875	1.09875	3.72E-05	0.340712	-2.93503
cg16296417	NSMCE2	0.00079172	0.0757211	0.722776	-1.38355	0.00049253	0.40811	-2.45032	0.00337579	0.519587	-1.92461	0.0223507	0.637923	-1.56759	0.000141108	0.340028	-2.94094
cg20390587	NSMCE2	0.00148627	0.00142494	0.271673	-3.6809	0.081248	0.579361	-1.72604	0.0206935	0.455335	-2.19618	0.0140463	0.424721	-2.35449	0.00793842	0.382403	-2.61504
cg01917721	NSMCE2	0.00847235	0.0474845	0.673981	-1.48372	0.00460393	0.518767	-1.92765	0.761191	1.05448	1.05448	0.00137131	0.445688	-2.24372	0.562778	1.10719	1.10719
cg02017814	NSMCE2	0.0217245	0.0669643	0.653462	-1.53031	0.124243	0.708305	-1.41182	0.0198073	0.558257	-1.79129	0.39282	0.834123	-1.19886	0.00112507	0.370291	-2.70058
cg23560676	NSMCE2	0.026062	0.353739	1.20125	1.20125	0.145855	1.34994	1.34994	0.158621	0.748573	-1.33588	0.727037	1.06967	1.06967	0.0883732	1.43521	1.43521
cg05239173	NSMCE2	0.0397208	0.158417	0.353567	-2.82832	0.638976	0.721929	-1.38518	0.0656231	0.240579	-4.15663	0.111756	0.302907	-3.30134	0.00170925	0.0455893	-21.935
cg02917210	NSMCE2;KIAA0196	0.00393195	0.12434	0.811371	-1.23248	0.759743	1.03928	1.03928	0.00955954	1.51018	1.51018	0.433152	0.904407	-1.1057	0.247716	0.859153	-1.16394
cg20379012	NSMCE2;KIAA0196	0.0411058	0.226103	1.25128	1.25128	0.505101	0.887566	-1.12668	0.861685	1.03123	1.03123	0.0796787	1.40921	1.40921	0.0315927	1.55975	1.55975
cg08763666	NSMCE4A;NSMCE4A	2.87E-06	0.000541362	1.50161	1.50161	1.44E-07	0.287471	-3.47862	2.33E-05	0.527698	-1.89502	0.645475	0.965592	-1.03563	0.0393833	0.835154	-1.19738
cg05610379	NSMCE4A;NSMCE4A	0.00365148	0.000189411	0.350568	-2.85252	0.930375	1.01466	1.01466	0.217085	0.805498	-1.24147	0.820781	1.03851	1.03851	0.556851	1.10403	1.10403
cg09536375	NSMCE4A;NSMCE4A	0.0238871	0.832129	1.12204	1.12204	0.784553	0.861866	-1.16027	0.481375	1.47435	1.47435	0.0345604	3.80725	3.80725	0.00647307	0.146573	-6.82255
cg10270281	NSMCE4A;NSMCE4A	0.0287388	0.646174	1.06442	1.06442	0.0332556	1.3995	1.3995	0.704755	0.949883	-1.05276	0.00762466	0.629161	-1.58942	0.139362	0.80665	-1.23969
cg18722557	NSMCE4A;NSMCE4A;NSMCE4A;NSMCE 4A	0.000433559	0.340379	0.797248	-1.25431	0.455932	0.839363	-1.19138	0.89688	1.03035	1.03035	0.544698	0.868161	-1.15186	0.758846	1.07359	1.07359
cg23369601	NSUN2	3.61E-06	0.260193	1.22021	1.22021	0.000501425	0.39762	-2.51496	0.000455903	0.392293	-2.54912	0.994141	0.998756	-1.00125	0.426753	0.871518	-1.14742
cg20739904	NSUN2	0.0001567	0.00152685	0.546381	-1.83022	0.0011761	0.532225	-1.8789	0.00150077	0.545446	-1.83336	0.49292	1.09664	1.09664	0.00152817	0.546428	-1.83007
cg09890987	NSUN2	0.00036694	0.000588852	0.404783	-2.47046	0.000332522	0.372892	-2.68174	0.00965132	0.572399	-1.74703	0.850342	0.968337	-1.0327	0.000672505	0.412311	-2.42536
cg11690370	NSUN2;NSUN2;SRD5A1	0.000361195	?	?	?	0.0318474	0.520077	-1.92279	0.0351815	0.528529	-1.89204	0.0501716	0.559708	-1.78665	1.03E-05	0.0859191	-11.6389
cg10459717	NSUN2;SRD5A1;SRD5A1	0.000826965	0.262242	0.888971	-1.1249	0.320035	1.10899	1.10899	0.0810101	0.823018	-1.21504	0.426602	1.08516	1.08516	0.562072	1.06079	1.06079
cg25833200	NSUN3	1.23E-05	0.983658	1.00359	1.00359	0.00316903	2.0257	2.0257	0.0622918	1.44409	1.44409	4.91E-05	0.262959	-3.80287	5.50E-06	0.165555	-6.0403
cg05431656	NSUN3	0.0108602	0.0785652	0.489401	-2.04331	0.265324	0.654063	-1.5289	0.132541	0.552324	-1.81053	0.0286654	0.389055	-2.57033	0.000610922	0.145027	-6.89526
cg26301639	NSUN3;DHFRL1	8.65E-05	0.36416	0.729484	-1.37083	0.788585	1.09517	1.09517	0.578751	0.827208	-1.20889	0.00111694	0.19717	-5.07177	0.00365522	0.264586	-3.77949
cg23126947	NSUN3;DHFRL1	0.00120857	0.0057139	0.561621	-1.78056	0.454831	0.885863	-1.12884	0.00366195	0.534943	-1.86936	0.481321	1.1207	1.1207	0.00194302	0.49765	-2.00944
cg04032566	NSUN3;DHFRL1	0.00185327	0.0102528	0.487951	-2.04939	0.186547	0.733082	-1.3641	0.0104057	0.488996	-2.04501	0.189067	1.36141	1.36141	0.00166656	0.368906	-2.71072
cg15999104	NSUN3;DHFRL1	0.00374665	0.0130093	0.309599	-3.22998	0.0718091	0.465453	-2.14845	0.0132018	0.310715	-3.21839	0.534865	1.27014	1.27014	0.000971343	0.154473	-6.47362
cg00558986	NSUN3;DHFRL1	0.00912495	?	?	?	0.000793715	0.20416	-4.89811	0.0357825	1.98956	1.98956	0.658993	0.888328	-1.12571	0.386398	1.26912	1.26912
cg19206910	NSUN3;DHFRL1	0.0422636	0.215977	0.8147	-1.22745	0.598743	1.08716	1.08716	0.667975	1.07027	1.07027	0.965028	0.993123	-1.00692	0.00486636	0.555699	-1.79953
cg02982400	NSUN3;DHFRL1	0.0457991	0.315841	0.849017	-1.17783	0.359394	0.861804	-1.16036	0.861919	0.972898	-1.02786	0.00189819	0.499303	-2.00279	0.363522	0.862963	-1.1588
cg20852286	NSUN3;DHFRL1;DHFRL1	0.00062025	0.236349	0.698267	-1.43212	0.0681624	1.80613	1.80613	0.799784	1.07634	1.07634	0.940116	0.978488	-1.02199	7.06E-06	0.0564037	-17.7293
cg16463395	NSUN3;DHFRL1;DHFRL1	0.00164846	0.774653	1.09783	1.09783	0.941997	0.976617	-1.02394	0.121116	1.72726	1.72726	0.620935	0.850364	-1.17597	0.54892	1.218	1.218
cg04499690	NSUN3;DHFRL1;NSUN3	0.0158206	0.426506	0.868637	-1.15123	0.481581	0.883317	-1.1321	0.57427	1.10346	1.10346	0.00680356	0.544327	-1.83713	0.0807676	1.39918	1.39918
cg13488501	NSUN4	0.00167046	0.00440489	0.297981	-3.35592	0.154735	0.615656	-1.62428	0.11402	0.578362	-1.72902	0.226877	1.49792	1.49792	0.000159389	0.12804	-7.81004
cg12646227	NSUN4	0.00246239	0.00379199	0.156907	-6.37322	0.3402	1.59387	1.59387	0.269161	0.579399	-1.72593	0.46442	1.42351	1.42351	0.0010086	0.0988509	-10.1162
cg06741803	NSUN4	0.00294172	0.00116796	0.328607	-3.04315	0.0163652	0.503967	-1.98426	0.154432	0.700518	-1.42752	0.250821	1.32337	1.32337	0.00676061	0.440525	-2.27002
cg15580309	NSUN4	0.0120122	0.306639	0.725173	-1.37898	0.425586	0.781112	-1.28023	0.730028	1.11091	1.11091	0.685694	1.13149	1.13149	0.0200894	0.426767	-2.3432
cg17875957	NSUN4	0.0134266	0.163844	0.79555	-1.25699	0.504993	1.10975	1.10975	0.583332	1.08902	1.08902	0.745297	1.05146	1.05146	0.438418	0.885438	-1.12938
cg04241075	NSUN4	0.0165505	0.00843848	0.493245	-2.02739	0.00975528	0.503214	-1.98723	0.236129	0.770397	-1.29803	0.164295	0.732128	-1.36588	0.0064948	0.475529	-2.10292
cg18065982	NSUN5;NSUN5;NSUN5;NSUN5	0.000179242	7.95E-05	0.140308	-7.12716	0.162776	1.50745	1.50745	0.417183	1.25657	1.25657	0.626043	1.14485	1.14485	0.000333707	0.203045	-4.92503
cg13424732	NSUN5;NSUN5;NSUN5;NSUN5	0.00255345	0.0110997	0.663552	-1.50704	0.754948	1.04115	1.04115	0.136631	0.813387	-1.22943	0.315447	1.14305	1.14305	0.00243152	0.580658	-1.72218
cg22232048	NSUN5;NSUN5;NSUN5;NSUN5	0.00410412	0.83537	0.962289	-1.03919	0.188308	0.772979	-1.2937	0.0140255	0.571035	-1.75121	0.204709	0.780982	-1.28044	0.00449308	0.496734	-2.01315
cg15779702	NSUN5;NSUN5;NSUN5;NSUN5	0.0167686	0.0949474	0.635946	-1.57246	0.51999	0.851403	-1.17453	0.481412	1.19306	1.19306	0.915923	1.02639	1.02639	0.0626219	0.596413	-1.67669
cg02605760	NSUN5;NSUN5;NSUN5;NSUN5	0.0196569	0.575738	1.19805	1.19805	0.943614	0.977647	-1.02286	0.80006	0.922094	-1.08449	0.264461	1.45023	1.45023	0.00128798	0.223291	-4.47847
cg27330627	NSUN5;NSUN5;NSUN5;NSUN5	0.0200646	0.19545	1.68352	1.68352	?	?	?	0.00321017	8.3276	8.3276	?	?	?	0.629105	0.839298	-1.19147
cg09187163	NSUN5;NSUN5;NSUN5;NSUN5	0.025946	0.303798	0.547437	-1.8267	0.0987887	0.359173	-2.78417	0.0924775	0.350824	-2.85043	0.50275	1.46926	1.46926	0.0102792	0.160476	-6.23147
cg04033650	NSUN5;NSUN5;NSUN5;NSUN5	0.0311588	0.100562	0.794316	-1.25895	0.156483	1.21414	1.21414	0.349496	1.13121	1.13121	0.655393	0.944119	-1.05919	0.0269418	0.715051	-1.3985
cg14706807	NSUN5;NSUN5;NSUN5;NSUN5	0.0402476	0.877395	1.02421	1.02421	0.118763	0.769215	-1.30003	0.0383818	0.689504	-1.45032	0.391397	0.87278	-1.14576	0.263315	0.834689	-1.19805
cg15494379	NSUN5B;NSUN5B;NSUN5B	0.00626218	0.137519	1.14417	1.14417	0.000357542	1.61994	1.61994	0.69924	1.03323	1.03323	0.336605	1.08701	1.08701	0.712662	1.03164	1.03164
cg14634112	NSUN5C;NSUN5C;NSUN5C	0.0328841	0.115133	0.767184	-1.30347	0.0622325	1.38368	1.38368	0.3729	1.15203	1.15203	0.962936	1.00722	1.00722	0.820619	1.03576	1.03576
cg21381525	NSUN6	0.000484131	0.303593	0.844962	-1.18349	0.000263528	0.387562	-2.58023	0.000295947	0.39389	-2.53878	0.102675	1.3262	1.3262	0.00254959	0.515904	-1.93835
cg02072104	NSUN6	0.00139147	0.905838	0.990492	-1.0096	0.867688	1.01355	1.01355	0.298227	0.91663	-1.09095	0.117077	0.871588	-1.14733	0.982644	0.998245	-1.00176
cg07464605	NSUN6	0.00258232	0.00598148	0.571829	-1.74877	0.535861	0.907083	-1.10243	0.292235	0.843679	-1.18529	0.0185133	0.641271	-1.5594	7.19E-05	0.32466	-3.08015
cg12385672	NSUN6	0.00828902	0.507001	0.903253	-1.10711	0.393646	1.14119	1.14119	0.388277	1.143	1.143	0.000735903	0.460607	-2.17105	0.327317	0.858266	-1.16514
cg24855045	NSUN6	0.00891764	0.00889876	0.197485	-5.06368	0.00587592	0.172596	-5.79388	0.058154	0.352233	-2.83903	0.146887	0.468287	-2.13544	0.00982659	0.203842	-4.90576
cg04923496	NSUN6	0.0107764	0.472307	1.28055	1.28055	0.121121	0.566355	-1.76568	0.0448351	0.458899	-2.17913	0.840344	1.07061	1.07061	0.591455	1.20114	1.20114
cg07580588	NSUN7	0.000131651	0.035142	0.68976	-1.44978	0.0263352	0.671215	-1.48984	0.134262	0.783187	-1.27683	0.443952	1.12537	1.12537	0.00389409	0.555313	-1.80079
cg14426001	NSUN7	0.00118843	0.0548489	0.580392	-1.72297	0.00903247	0.436408	-2.29143	0.0043933	0.386652	-2.58631	0.402622	1.23862	1.23862	0.00124807	0.307877	-3.24805
cg19786920	NSUN7	0.00393872	0.0478082	0.60904	-1.64193	0.0233314	0.552169	-1.81104	0.00125924	0.35638	-2.806	0.364798	0.815413	-1.22637	0.000716494	0.323496	-3.09122
cg01143804	NSUN7	0.00419451	0.000376279	0.0372448	-26.8494	?	?	?	0.270828	1.74673	1.74673	0.00953594	0.178413	-5.60497	0.645806	1.2491	1.2491
cg12812233	NSUN7	0.00808972	0.02689	2.376	2.376	0.103092	1.80167	1.80167	0.00106317	4.94075	4.94075	0.038963	2.20136	2.20136	0.89669	0.958017	-1.04382
cg07657463	NSUN7	0.01361	0.0416565	0.307259	-3.25459	0.00538932	0.158673	-6.30226	0.0200101	0.244019	-4.09804	0.22584	0.527768	-1.89477	0.0268551	0.267793	-3.73423
cg18132212	NSUN7	0.0138593	0.0272255	0.38922	-2.56924	0.0100165	0.309178	-3.23438	0.0552326	0.456268	-2.1917	0.0871515	0.505608	-1.97782	0.00654291	0.279284	-3.58058
cg08508988	NSUN7	0.0140963	0.825565	1.06465	1.06465	0.00825978	0.383386	-2.60834	0.0459495	0.522423	-1.91416	0.726976	1.10461	1.10461	0.345627	0.759049	-1.31744
cg18364541	NSUN7	0.0150693	0.623951	0.885847	-1.12886	0.0138818	0.474403	-2.10791	0.00196119	0.341763	-2.926	0.997617	0.999268	-1.00073	0.00674349	0.422468	-2.36704
cg16854876	NSUN7	0.0188025	0.988514	1.00468	1.00468	0.00124199	0.216123	-4.627	0.215531	1.52679	1.52679	0.0954157	1.81248	1.81248	0.389973	0.751283	-1.33106
cg19545623	NSUN7;NSUN7	0.0042241	0.0224687	0.699341	-1.42992	0.180306	1.20455	1.20455	0.152404	0.818309	-1.22203	0.776408	1.03795	1.03795	0.475369	1.0996	1.0996
cg11409350	NT5C	0.0385381	0.144185	0.33862	-2.95316	0.0514481	4.62044	4.62044	0.419631	1.7668	1.7668	0.22152	2.4277	2.4277	0.0268029	0.163546	-6.11448
cg21280510	NT5C1A	0.0198844	0.313536	1.56418	1.56418	0.0302621	2.98402	2.98402	0.360074	1.49756	1.49756	0.0682292	2.40202	2.40202	0.0183046	3.41754	3.41754
cg06803614	NT5C1A	0.0372129	0.318579	0.716082	-1.39649	0.151907	1.64429	1.64429	0.036504	0.455019	-2.19771	0.228595	0.664067	-1.50587	0.00648594	0.317778	-3.14685
cg01221528	NT5C1B;NT5C1B	9.32E-05	0.0462242	0.832586	-1.20108	0.150057	0.883568	-1.13177	4.88E-06	0.43297	-2.30963	0.651081	1.0372	1.0372	0.948646	1.00518	1.00518
cg03897607	NT5C1B;NT5C1B	0.00029603	0.707148	0.896897	-1.11496	0.702276	1.1171	1.1171	0.680468	1.12681	1.12681	0.0495469	0.524118	-1.90797	0.000183481	0.161537	-6.19052
cg17452691	NT5C1B;NT5C1B	0.014241	0.265212	0.70273	-1.42302	0.0416436	0.489887	-2.04129	0.0433407	0.493594	-2.02596	0.00547499	0.32961	-3.03389	0.00630559	0.339298	-2.94726
cg26580609	NT5C1B;NT5C1B	0.0179635	0.621104	1.23802	1.23802	0.0136812	3.69389	3.69389	0.240679	1.69281	1.69281	0.840022	0.91703	-1.09048	0.274822	1.62725	1.62725
cg02103191	NT5C1B;NT5C1B	0.0209877	0.612463	0.935871	-1.06852	0.173237	0.828598	-1.20686	0.00413306	0.607178	-1.64696	0.229625	0.849125	-1.17768	0.0393629	0.733988	-1.36242
cg13378687	NT5C1B;NT5C1B	0.029228	0.0412157	0.282157	-3.54413	0.673324	0.796267	-1.25586	0.150923	0.437361	-2.28644	0.0445364	0.289548	-3.45366	0.191627	0.475821	-2.10163
cg20702390	NT5C1B;NT5C1B	0.0341473	0.662646	1.22981	1.22981	0.130243	2.1601	2.1601	0.852957	1.09137	1.09137	0.0439413	2.97736	2.97736	0.207697	1.87019	1.87019
cg10257610	NT5C2;NT5C2	0.000220713	0.00149144	0.687432	-1.45469	0.246379	0.905565	-1.10428	0.284331	0.913008	-1.09528	0.356448	1.0807	1.0807	0.00504994	1.35447	1.35447
cg02822087	NT5C2;NT5C2	0.00167228	0.165221	0.721422	-1.38615	0.720068	1.08262	1.08262	0.0224537	0.547069	-1.82792	0.322824	0.798296	-1.25267	0.000136063	0.233033	-4.29124
cg10434361	NT5C2;NT5C2	0.0033961	0.236787	1.37285	1.37285	0.00139064	0.305924	-3.26879	0.0110115	0.442474	-2.26002	0.22155	1.38886	1.38886	0.723472	0.91318	-1.09507
cg09865173	NT5C2;NT5C2	0.0109787	0.438813	0.876499	-1.1409	0.697235	1.06744	1.06744	0.930926	1.01458	1.01458	0.13787	0.765889	-1.30567	0.141124	0.767815	-1.3024
cg19925755	NT5C2;NT5C2	0.0132706	0.614677	0.878532	-1.13826	0.358498	0.785922	-1.27239	0.634986	0.885139	-1.12977	0.977958	1.00707	1.00707	0.000210845	0.205827	-4.85845
cg10231344	NT5C2;NT5C2	0.0299929	0.0216874	1.44407	1.44407	0.0219395	0.69316	-1.44267	0.900263	1.01686	1.01686	0.796203	0.966083	-1.03511	0.0589881	0.752547	-1.32882
cg04362960	NT5C2;NT5C2;NT5C2;NT5C2	0.000978752	0.0679242	0.494393	-2.02268	0.0704673	0.498309	-2.00679	0.0124156	0.342302	-2.9214	0.000168656	0.110217	-9.073	0.424875	1.32414	1.32414
cg08067352	NT5C3;NT5C3	0.00412246	0.73638	1.20841	1.20841	0.52738	0.698179	-1.4323	8.15E-05	0.0122879	-81.3811	0.0269627	0.221634	-4.51194	?	?	?
cg08685077	NT5C3;NT5C3	0.0366702	0.0366212	0.737525	-1.35589	0.560948	1.07649	1.07649	0.455157	0.90904	-1.10006	0.237965	0.856441	-1.16762	0.261304	0.863412	-1.1582
cg15849288	NT5C3;NT5C3	0.0435054	0.32439	0.697641	-1.4334	0.119699	0.5503	-1.81719	0.0664133	0.482726	-2.07157	0.492677	0.78153	-1.27954	0.0299251	0.405075	-2.46868
cg18679274	NT5C3;NT5C3;NT5C3;NT5C3	0.00162261	0.269551	0.750081	-1.33319	0.000626956	0.268431	-3.72535	0.00609286	0.40838	-2.4487	0.295735	0.762469	-1.31153	0.00163057	0.323402	-3.09213
cg06206957	NT5C3;NT5C3;NT5C3;NT5C3	0.0225896	0.0450455	0.578896	-1.72743	0.0459442	1.7224	1.7224	0.495685	1.17871	1.17871	0.0396954	0.568189	-1.75998	0.00548861	0.419867	-2.38171
cg10532362	NT5C3L;NT5C3L	0.00808626	0.746298	0.892591	-1.12033	0.651023	0.85266	-1.1728	0.52699	1.25153	1.25153	0.515074	0.793698	-1.25993	0.000974969	0.179555	-5.56932
cg02359355	NT5C3L;NT5C3L	0.00961193	0.0552647	0.683998	-1.46199	0.000350446	0.366296	-2.73003	0.0306946	0.641655	-1.55847	0.182916	0.78112	-1.28021	0.00691469	0.542796	-1.84231
cg01514436	NT5C;NT5C	0.0170002	0.60916	1.09791	1.09791	0.0537812	0.672569	-1.48684	0.381041	0.849805	-1.17674	0.170068	0.767442	-1.30303	0.0167283	0.589175	-1.69729
cg16671877	NT5DC1	0.00110101	0.465206	1.04941	1.04941	0.0281084	1.18328	1.18328	6.55E-05	1.60873	1.60873	0.0426573	1.1635	1.1635	0.0151041	1.21379	1.21379
cg25598370	NT5DC1	0.00110832	0.0416718	0.689541	-1.45024	0.0711909	1.3758	1.3758	0.0119647	0.608732	-1.64276	0.00328181	0.530336	-1.8856	0.000145657	0.355207	-2.81526
cg00436301	NT5DC1	0.00434296	0.0249823	0.784574	-1.27458	0.0363049	1.2478	1.2478	0.00650746	1.37942	1.37942	0.0928727	1.18314	1.18314	0.62342	1.04604	1.04604

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21781308	0.303548	0.656779	-1.52258	0.683988	1.17521	1.17521	0.0897796	2.09137	2.09137	0.57527	1.25024	1.25024	4.13012	10.1806	2.19109	1
cg20242129	0.312802	0.819472	-1.2203	0.103355	1.40456	1.40456	0.309944	0.818439	-1.22184	0.0637043	0.67199	-1.48812	11.1289	6.40943	0.511936	1
cg19876689	0.0188042	1.35805	1.35805	0.00225426	1.58354	1.58354	0.940706	1.00803	1.00803	0.445137	0.919715	-1.08729	9.86434	1.80619	0.162758	1
cg12089229	0.824634	1.06104	1.06104	0.0640233	1.74311	1.74311	0.918627	1.02766	1.02766	0.760502	1.08504	1.08504	7.18384	8.1088	1.00334	1
cg25514439	0.0602843	1.40989	1.40989	0.0209737	1.56872	1.56872	0.0183479	1.59038	1.59038	0.621723	0.922535	-1.08397	7.18202	2.98956	0.370006	1
cg06496478	0.00120323	0.382982	-2.61109	0.667204	0.91619	-1.09148	0.465509	1.16217	1.16217	0.904121	0.975911	-1.02468	7.00683	4.54365	0.576409	1
cg13684541	0.0138783	0.306837	-3.25906	0.00368994	0.217598	-4.59564	0.728379	1.1451	1.1451	0.0147306	0.311426	-3.21103	5.80566	13.8873	2.12624	1
cg12390588	0.178469	1.19384	1.19384	0.39647	1.11362	1.11362	0.873571	1.01993	1.01993	0.309968	1.13907	1.13907	3.46837	0.843801	0.216253	1
cg01244043	0.000279818	0.0778108	-12.8517	0.000217582	0.0706417	-14.156	0.00023097	0.0722977	-13.8317	0.000406864	0.089443	-11.1803	22.1383	64.7445	2.5996	1
cg02601525	0.362305	0.794481	-1.25868	0.337978	1.27469	1.27469	0.702695	0.910076	-1.09881	0.453051	0.828767	-1.20661	14.6393	13.9975	0.849919	1
cg13166577	0.0176112	0.7483	-1.33636	0.0196349	1.32714	1.32714	0.292194	0.896082	-1.11597	0.00420862	0.680564	-1.46937	13.3499	2.13131	0.141911	1
cg16557355	0.0617532	1.26708	1.26708	0.00010602	0.463011	-2.15978	0.333101	1.11889	1.11889	0.00533066	1.5114	1.5114	11.4036	2.28638	0.178219	1
cg06688875	0.0221147	0.582499	-1.71674	0.0275149	1.671	1.671	0.567066	0.892304	-1.12069	0.70031	0.926656	-1.07915	10.5602	6.48765	0.546089	1
cg05210338	0.029503	0.377746	-2.64728	0.00251384	0.203157	-4.92231	0.00100053	0.156348	-6.39601	0.00280377	0.20928	-4.77829	9.75266	22.2816	2.03082	1
cg13226290	0.235991	0.867609	-1.15259	0.0010609	1.73936	1.73936	0.178066	1.1778	1.1778	0.137036	0.832634	-1.20101	8.02252	1.66163	0.184107	1
cg04055861	0.00108281	1.89718	1.89718	0.014466	1.4918	1.4918	0.932925	0.988889	-1.01124	0.540486	1.08573	1.08573	4.63476	1.29326	0.248032	1
cg15598511	0.714025	0.798292	-1.25267	?	?	?	0.000996638	0.0303305	-32.9702	0.31963	0.5294	-1.88893	4.99817	25.0278	3.75556	1
cg19741173	0.0836507	0.765156	-1.30692	0.0509333	0.732802	-1.36462	0.0135773	0.652468	-1.53264	0.0653653	0.748861	-1.33536	3.40258	1.05337	0.275181	1
cg19133883	0.192243	0.857605	-1.16604	2.14E-05	0.386003	-2.59066	0.0154409	0.718401	-1.39198	0.414484	0.911343	-1.09728	11.6369	2.28278	0.174371	1
cg05376738	0.418593	1.265	1.265	0.263416	1.39318	1.39318	0.0759378	1.75371	1.75371	0.0558137	0.539965	-1.85197	4.08086	4.64718	1.13878	1
cg04230117	0.943691	1.01875	1.01875	0.00744113	2.47575	2.47575	0.491938	1.20151	1.20151	0.377041	0.787886	-1.26922	3.56531	3.9059	0.973804	1
cg17377690	0.307095	1.31144	1.31144	0.000315696	0.223879	-4.4667	0.44784	0.820067	-1.21941	0.481483	0.832372	-1.20139	6.76622	7.04677	0.925745	1
cg19963313	0.00293901	0.562567	-1.77757	0.645855	0.936913	-1.06733	0.965811	0.993982	-1.00605	0.283535	1.1699	1.1699	6.21532	1.95243	0.279228	1
cg01288611	0.95157	0.967793	-1.03328	0.843637	1.11231	1.11231	0.018625	4.65247	4.65247	0.636252	0.773543	-1.29275	4.77677	21.9771	4.08964	1
cg17691156	0.017402	1.77376	1.77376	0.244799	0.78599	-1.27228	0.476802	1.15394	1.15394	0.0986959	0.698814	-1.431	4.43706	2.75295	0.551506	1
cg14482953	0.13689	1.23052	1.23052	0.0115798	0.664536	-1.50481	0.229895	1.17713	1.17713	0.612978	1.06826	1.06826	3.98902	1.05879	0.235935	1
cg04993564	0.27635	0.870719	-1.14848	0.690377	0.952225	-1.05017	0.428945	1.10376	1.10376	0.865064	1.02101	1.02101	3.65241	0.86469	0.21044	1
cg25874782	0.495157	1.33618	1.33618	0.678588	1.19048	1.19048	0.0932496	2.16529	2.16529	0.00796216	0.240884	-4.15138	3.52137	9.76389	2.46467	1
cg22754569	0.616401	1.22125	1.22125	0.0296569	2.75396	2.75396	0.0427772	2.51633	2.51633	0.827718	0.917366	-1.09008	3.51492	8.7175	2.20457	1
cg03368690	0.221917	0.742285	-1.34719	7.11E-05	0.186112	-5.37311	0.258248	1.31502	1.31502	4.86E-05	0.169723	-5.89197	29.3982	25.0922	0.758691	1
cg06285337	0.367007	1.12185	1.12185	1.13E-05	0.314309	-3.18158	0.611398	1.06564	1.06564	0.00103739	0.547339	-1.82702	19.4123	4.73264	0.216707	1
cg02115302	0.00028458	0.376653	-2.65497	0.650226	1.0781	1.0781	0.22361	1.23446	1.23446	0.045155	0.68481	-1.46026	16.4358	7.06395	0.382036	1
cg07446740	0.803206	1.0185	1.0185	0.000282923	0.646934	-1.54575	0.00431109	1.32334	1.32334	0.944517	1.00512	1.00512	15.5555	1.3277	0.0758689	1
cg25324261	0.029257	1.29694	1.29694	0.197528	0.871192	-1.14785	0.000447798	1.75157	1.75157	0.00133776	1.60316	1.60316	13.8579	2.24917	0.144268	1
cg09133090	0.92222	0.982175	-1.01815	0.000335615	0.3447	-2.90107	0.954058	0.989446	-1.01067	0.024512	0.610529	-1.63792	5.80539	3.11853	0.477492	1
cg04094640	0.111489	0.635404	-1.5738	0.00466763	0.373785	-2.67533	0.517229	1.18741	1.18741	0.0155011	0.459895	-2.17441	5.7343	6.21532	0.963453	1
cg09327358	0.0148154	0.283409	-3.52847	0.00168886	0.151511	-6.60016	0.0768946	0.437217	-2.28719	0.0517324	0.394135	-2.5372	5.31909	14.8993	2.48986	1
cg06388418	0.288632	1.26804	1.26804	0.823671	0.953027	-1.04929	0.393862	0.828383	-1.20717	0.0276987	0.570591	-1.75257	5.0855	3.74321	0.654271	1
cg12391783	0.00641548	0.647169	-1.54519	0.123322	1.22734	1.22734	0.0267403	0.724627	-1.38002	0.00627325	0.645974	-1.54805	4.74947	1.13281	0.212011	1
cg10037913	0.0854887	0.400346	-2.49784	0.0175678	0.248707	-4.0208	0.0888073	0.404979	-2.46927	0.0269399	0.283166	-3.53149	4.19728	15.416	3.26475	1
cg02654449	0.198079	0.50477	-1.9811	0.00688445	0.17233	-5.80281	0.231317	1.87948	1.87948	0.163289	0.473404	-2.11236	3.75747	15.0311	3.55583	1
cg22341968	0.0150661	0.656938	-1.52221	0.168713	1.22908	1.22908	0.018541	1.49419	1.49419	0.687312	0.94468	-1.05856	3.66794	1.14913	0.278481	1
cg06919067	0.00190477	1.81641	1.81641	0.0291539	1.41744	1.41744	0.891778	0.981696	-1.01864	0.513105	0.913922	-1.09419	3.42826	0.999927	0.259264	1
cg07521723	0.122274	2.20232	2.20232	0.00613007	5.69016	5.69016	0.522784	0.739213	-1.35279	0.922046	0.95545	-1.04663	3.76498	11.2473	2.61394	1
cg27145699	0.424729	0.80249	-1.24612	0.262878	0.729005	-1.37173	0.0968419	0.608026	-1.64467	0.0532544	1.8272	1.8272	4.03539	4.52903	0.872921	1
cg10453541	0.0108199	0.763688	-1.30943	0.524359	1.05584	1.05584	0.173044	1.12989	1.12989	1.40E-05	0.466051	-2.14569	61.4762	6.90721	0.099872	1
cg24358599	0.0366218	1.26912	1.26912	0.562175	1.0592	1.0592	0.793446	1.02609	1.02609	0.0137567	0.741639	-1.34837	18.7199	2.85539	0.135584	1
cg01919908	0.0842347	0.771526	-1.29613	0.0892245	0.775317	-1.28979	0.251544	1.17664	1.17664	0.138663	0.805369	-1.24167	15.8254	4.62143	0.259578	1
cg16296417	0.44545	1.13626	1.13626	0.0912897	0.736813	-1.3572	0.0440713	0.683908	-1.46218	0.000248572	0.370407	-2.69973	12.5688	5.36891	0.379698	1
cg20390587	0.00114803	0.259324	-3.85617	0.000373013	0.200393	-4.99019	0.174207	1.50412	1.50412	0.00436094	0.341125	-2.93147	10.5074	13.2715	1.12273	1
cg01917721	0.812585	0.959507	-1.0422	0.0356249	1.53055	1.53055	0.922013	1.01719	1.01719	0.0443642	0.669049	-1.49466	6.23043	2.98866	0.426389	1
cg02017814	0.204695	0.757837	-1.31954	0.29402	0.798105	-1.25297	0.064612	0.650455	-1.53739	0.00867803	0.500027	-1.99989	4.57366	3.10967	0.604363	1
cg23560676	0.0165474	1.75524	1.75524	0.00799465	0.520348	-1.92179	0.450556	0.862656	-1.15921	0.128962	0.729574	-1.37066	4.2945	2.51189	0.519919	1
cg05239173	0.0990726	0.287397	-3.47951	0.0612	0.233484	-4.28295	0.117724	0.309897	-3.22688	0.0297211	0.171299	-5.83774	3.69265	27.8091	6.69416	1
cg02917210	0.939207	1.00963	1.00963	0.000736899	0.525125	-1.90431	0.00100915	0.541776	-1.84578	0.821507	0.972014	-1.02879	7.89319	1.97263	0.222147	1
cg20379012	0.372757	1.17513	1.17513	0.004921	0.518383	-1.92908	0.391677	0.856606	-1.1674	0.618174	1.09267	1.09267	3.64626	1.79621	0.437883	1
cg08763666	0.000365429	0.649491	-1.53967	0.34456	1.07636	1.07636	0.749388	0.976067	-1.02452	1.01E-05	0.488654	-2.04644	55.9776	5.06481	0.080426	1
cg05610379	0.149273	0.772944	-1.29376	0.000688487	0.421849	-2.37051	0.967327	1.00685	1.00685	0.820213	1.03864	1.03864	8.0707	3.54557	0.390501	1
cg09536375	0.208035	0.486723	-2.05456	0.0184108	0.211976	-4.71751	0.0375324	0.270074	-3.70269	0.389739	1.61301	1.61301	4.42662	20.6294	4.14251	1
cg10270281	0.0775301	0.767195	-1.30345	0.0775596	0.76722	-1.30341	0.0210045	0.68729	-1.45499	0.312364	0.868357	-1.1516	4.14948	1.19889	0.256823	1
cg18722557	0.0123	0.487247	-2.05235	4.96E-06	0.0905933	-11.0383	0.825773	1.05216	1.05216	0.111514	1.49143	1.49143	14.8659	12.5212	0.748687	1
cg23369601	0.952045	0.98986	-1.01024	2.56E-06	0.145749	-6.8611	0.847919	0.967988	-1.03307	1.03E-07	0.0539812	-18.525	52.7774	24.0045	0.404289	1
cg20739904	9.33E-06	0.281414	-3.55348	0.00883936	0.643038	-1.55512	0.587111	1.07534	1.07534	0.000407033	0.475107	-2.10479	19.6243	5.45476	0.247075	1
cg09890987	9.17E-05	0.304172	-3.28761	0.961466	0.991804	-1.00826	0.234069	1.23675	1.23675	0.00245769	0.487945	-2.04941	15.5657	7.15292	0.408473	1
cg11690370	?	?	?	0.147859	1.49707	1.49707	0.517091	1.18615	1.18615	0.566017	1.16274	1.16274	16.5065	13.7346	0.95094	1
cg10459717	0.25717	1.12644	1.12644	1.83E-05	0.414812	-2.41073	0.901663	0.987632	-1.01252	0.00922152	1.39482	1.39482	12.4157	1.99314	0.142697	1
cg25833200	0.470475	0.879355	-1.1372	1.62E-05	0.211106	-4.73697	0.396931	1.16404	1.16404	1.93E-05	0.218919	-4.56789	38.4365	18.6672	0.431699	1
cg05431656	0.0082222	0.290417	-3.44333	0.00808457	0.289234	-3.45741	0.924948	1.03506	1.03506	0.105262	0.523445	-1.91042	5.75619	12.1942	1.88307	1
cg26301639	1.16E-06	0.0141123	-70.8601	0.359098	0.726914	-1.37568	0.740495	1.11898	1.11898	0.184958	1.60887	1.60887	23.0125	41.6966	1.61059	1
cg23126947	0.255296	0.827727	-1.20813	5.98E-05	0.306812	-3.25933	0.00526643	0.556698	-1.79631	0.524503	0.902421	-1.10813	11.1491	4.47524	0.356798	1
cg04032566	0.0247149	0.552686	-1.80934	0.000169829	0.242207	-4.1287	0.00360084	0.417283	-2.39645	0.0812294	0.651404	-1.53515	9.85799	7.67704	0.692233	1
cg15999104	0.119784	0.526138	-1.90064	0.000271402	0.103192	-9.69063	0.146992	0.553128	-1.8079	0.119789	0.526143	-1.90062	8.00862	18.3616	2.03798	1
cg00558986	?	?	?	0.642426	1.13281	1.13281	0.149885	1.52387	1.52387	0.173444	1.48308	1.48308	8.56144	7.10791	0.711621	1
cg19206910	0.0223307	0.649933	-1.53862	0.122629	0.768526	-1.30119	0.158013	1.26814	1.26814	0.369036	1.15627	1.15627	3.60894	1.41574	0.348701	1
cg02982400	0.150162	1.27564	1.27564	0.633609	1.07873	1.07873	0.215065	1.22871	1.22871	0.408305	1.1428	1.1428	3.50234	1.38166	0.350664	1
cg20852286	0.93163	1.02515	1.02515	0.887906	1.04167	1.04167	0.19535	0.672723	-1.4865	0.390634	1.28996	1.28996	13.4586	17.8586	1.17949	1
cg16463395	0.00265377	0.258768	-3.86446	?	?	?	5.90E-05	0.0891194	-11.2209	0.908234	0.9632	-1.03821	10.434	15.5308	1.48848	1
cg04499690	0.00267505	0.486707	-2.05462	0.436158	1.14774	1.14774	0.424372	1.15201	1.15201	0.099822	1.36726	1.36726	5.09004	2.42521	0.423521	1
cg13488501	0.411403	1.3067	1.3067	0.000721316	0.194263	-5.14765	0.0364983	0.461113	-2.16867	0.0234761	0.422343	-2.36774	10.1591	16.3203	1.42797	1
cg12646227	0.106939	2.30402	2.30402	0.00532068	0.175241	-5.70642	0.0067224	0.188848	-5.29526	0.00376048	0.156475	-6.39081	9.07241	32.3175	3.16638	1
cg06741803	0.033847	0.560728	-1.7834	0.00276196	0.381329	-2.62241	0.266402	1.31048	1.31048	0.00206812	0.363165	-2.75357	8.60812	7.43347	0.767593	1
cg15580309	0.316999	0.730465	-1.36899	0.0215804	0.432662	-2.31128	0.00201769	3.75293	3.75293	0.0276245	0.453512	-2.20501	5.57166	8.13472	1.29779	1
cg17875957	0.0619624	0.723566	-1.38204	0.000345934	0.412191	-2.42606	0.141414	1.27564	1.27564	0.70861	0.943844	-1.0595	5.37311	2.01676	0.333639	1
cg04241075	0.0184457	0.548464	-1.82327	0.0151365	0.534149	-1.87214	0.302593	1.25155	1.25155	0.228049	0.766556	-1.30454	5.01417	3.50605	0.621536	1
cg18065982	9.86E-05	0.148866	-6.71744	0.138273	0.644309	-1.55205	0.37981	1.28166	1.28166	0.000244319	0.188251	-5.31206	18.9246	22.7403	1.06811	1
cg13424732	0.793082	0.966706	-1.03444	0.000222678	0.453088	-2.20708	0.607335	0.935415	-1.06904	0.0298824	1.38976	1.38976	8.97596	2.35856	0.233568	1
cg22232048	0.00122145	0.41726	-2.39658	0.285397	0.814682	-1.22747	0.0385818	0.642359	-1.55676	0.000311642	0.339531	-2.94524	7.79186	4.21084	0.480369	1
cg15779702	0.469791	0.834109	-1.19888	0.178817	0.703065	-1.42234	0.000707741	3.57094	3.57094	0.701351	0.909328	-1.09971	4.9923	4.81084	0.856581	1
cg02605760	0.0167327	0.393227	-2.54306	0.616832	0.851104	-1.17495	0.261574	1.45378	1.45378	0.0408072	0.470181	-2.12684	4.73228	7.65533	1.43794	1
cg27330627	0.0252132	3.2203	3.2203	0.0170435	3.74267	3.74267	0.638674	0.843525	-1.1855	?	?	?	10.4	12.1805	0.780807	1
cg09187163	0.0135894	0.177745	-5.62603	0.0220109	0.211411	-4.73013	0.759272	0.8404	-1.18991	0.0057939	0.129409	-7.72741	4.3012	21.8006	4.50533	1
cg04033650	0.355693	1.12933	1.12933	0.00732211	0.642349	-1.55679	0.460041	1.10108	1.10108	0.0733337	1.29127	1.29127	4.03208	1.04652	0.23071	1
cg14706807	0.790124	0.959509	-1.0422	0.000917242	0.46412	-2.15462	0.917618	0.984096	-1.01616	0.711228	0.944008	-1.05931	3.67477	1.39742	0.338021	1
cg15494379	0.00407364	0.722768	-1.38357	0.272822	0.908366	-1.10088	0.437209	1.06902	1.06902	0.982135	1.00189	1.00189	6.84802	0.769073	0.0998275	1
cg14634112	0.920337	0.984643	-1.0156	0.00325759	0.537594	-1.86014	0.937725	1.01216	1.01216	0.0384175	1.44934	1.44934	3.95505	1.49927	0.336957	1
cg21381525	0.301668	1.18434	1.18434	0.800663	1.04081	1.04081	0.00193102	2.00125	2.00125	0.062614	0.71801	-1.39274	14.4189	5.70827	0.351901	1
cg02072104	0.283836	1.09405	1.09405	1.39E-05	0.481001	-2.079	0.188519	0.893615	-1.11905	0.920016	1.00814	1.00814	10.7083	1.10534	0.0917539	1
cg07464605	0.464048	0.890541	-1.12291	0.213397	1.22608	1.22608	0.0244953	0.659128	-1.51716	0.752788	1.05038	1.05038	8.94626	3.42851	0.340652	1
cg12385672	0.0156545	0.639002	-1.56494	0.123873	0.777336	-1.28644	0.0142672	0.633294	-1.57905	0.00674386	0.588068	-1.70048	6.27361	2.27003	0.321634	1
cg24855045	0.0194198	0.252297	-3.96358	0.0052853	0.166664	-6.00011	0.0025647	0.130302	-7.67447	0.0241629	0.269811	-3.7063	6.13023	23.0566	3.34323	1
cg04923496	0.849387	1.06642	1.06642	0.000203815	0.121701	-8.21683	0.509258	0.797346	-1.25416	0.772461	1.10304	1.10304	5.77054	10.4569	1.61078	1
cg07580588	0.00199621	0.516645	-1.93556	1.65E-06	0.161688	-6.18476	0.00731974	0.592563	-1.68758	0.0203627	0.654985	-1.52675	20.5667	7.46033	0.322433	1
cg14426001	0.014779	0.472625	-2.11584	6.80E-05	0.161853	-6.17845	0.0059928	0.407641	-2.45314	0.187237	0.705233	-1.41797	11.2027	11.0751	0.878761	1
cg19786920	0.151543	0.714111	-1.40034	0.00296427	0.409131	-2.44421	0.00509407	0.444323	-2.25061	0.930798	1.01922	1.01922	7.8891	5.99971	0.676005	1
cg01143804	0.130714	0.447172	-2.23628	0.0921188	2.5117	2.5117	0.0735673	2.70674	2.70674	0.189393	1.97515	1.97515	11.2854	34.781	2.31146	1
cg12812233	0.0253288	0.4157	-2.40558	0.125051	0.577994	-1.73012	0.833073	0.932691	-1.07217	0.0956883	1.82985	1.82985	6.32192	10.9142	1.53459	1
cg07657463	0.0326051	0.284605	-3.51364	0.0029862	0.129152	-7.74281	0.00522289	0.156982	-6.37015	0.168202	0.478106	-2.09159	5.34927	21.3917	3.55465	1
cg18132212	0.045781	0.437467	-2.28589	0.00299376	0.229917	-4.34939	0.00641072	0.277908	-3.59832	0.231722	0.635789	-1.57285	5.3175	10.9789	1.83527	1
cg08508988	0.4546	1.24134	1.24134	0.00123157	0.261524	-3.82375	0.0657347	0.556478	-1.79702	0.0220292	0.458625	-2.18043	5.28796	6.74706	1.13416	1
cg18364541	0.0340869	0.545157	-1.83434	0.0601508	0.594454	-1.68222	0.538173	1.1652	1.1652	0.780333	1.07099	1.07099	5.17281	4.92992	0.847151	1
cg16854876	0.154441	0.609675	-1.64022	0.0269437	0.427194	-2.34086	0.365064	0.739245	-1.35273	0.374435	1.34441	1.34441	4.80399	8.01814	1.48361	1
cg19545623	0.619155	1.06774	1.06774	9.12E-05	0.40066	-2.49588	0.872582	0.979224	-1.02122	0.4835	1.09762	1.09762	7.72433	2.09319	0.240877	1
cg11409350	0.0934547	0.279854	-3.57329	0.184806	0.378783	-2.64004	0.0566228	4.43445	4.43445	0.17269	0.367255	-2.7229	3.73386	28.1741	6.70716	1
cg21280510	0.00834005	4.24992	4.24992	0.0153697	3.58463	3.58463	0.00255903	6.02217	6.02217	0.0643205	2.44018	2.44018	4.71383	13.7513	2.59308	1
cg06803614	0.133575	0.592016	-1.68914	0.412287	0.762177	-1.31203	0.00913865	0.342079	-2.92331	0.812761	0.926007	-1.07991	3.78194	6.28671	1.4776	1
cg01221528	0.0493429	0.835298	-1.19718	1.39E-05	0.482986	-2.07045	0.296567	1.09071	1.09071	0.0745472	0.852676	-1.17278	22.5623	2.29983	0.0906068	1
cg03897607	0.00148403	0.266701	-3.74952	1.70E-05	0.0784882	-12.7408	0.0326972	0.486494	-2.05552	0.00164231	0.272602	-3.66836	16.5102	21.7365	1.17026	1
cg17452691	0.0515961	0.510099	-1.9604	0.00190326	0.262771	-3.80559	0.894083	0.960336	-1.0413	0.0772471	0.550549	-1.81637	5.27021	7.70515	1.29957	1
cg26580609	0.423654	0.704556	-1.41933	0.000778259	8.83422	8.83422	0.0298246	2.99074	2.99074	0.112626	2.09616	2.09616	4.87845	14.1887	2.58528	1
cg02103191	0.221192	0.846326	-1.18158	0.482329	1.09707	1.09707	0.145393	1.22489	1.22489	0.00431752	0.60956	-1.64053	4.62795	1.23385	0.236985	1
cg13378687	0.03894	0.276856	-3.61198	0.00162352	0.0883333	-11.3208	0.286178	0.551513	-1.81319	0.0158915	0.204592	-4.88778	4.12478	18.8573	4.06374	1
cg20702390	0.215592	0.54108	-1.84816	0.00166271	8.33119	8.33119	0.0689877	2.60892	2.60892	0.133406	2.14448	2.14448	3.90175	13.7224	3.12621	1
cg10257610	0.542391	0.950791	-1.05176	4.20E-05	0.528349	-1.89269	0.000615685	1.53955	1.53955	0.0143648	1.28012	1.28012	17.8863	1.89683	0.0942662	1
cg02822087	0.966718	1.00925	1.00925	0.000422929	0.291696	-3.42822	0.497289	1.16418	1.16418	0.00544834	0.446408	-2.2401	10.156	7.82697	0.685047	1
cg10434361	0.432647	1.22718	1.22718	0.00033771	0.228298	-4.38024	0.641563	0.887051	-1.12733	0.78442	1.07262	1.07262	8.2478	8.53738	0.920098	1
cg09865173	0.000218181	2.79852	2.79852	0.822795	1.03815	1.03815	0.520308	1.11492	1.11492	0.951823	0.989964	-1.01014	5.7361	2.53161	0.392309	1
cg19925755	0.0383791	0.542183	-1.8444	0.670366	1.11543	1.11543	0.820285	1.05977	1.05977	0.137623	0.665025	-1.5037	5.3937	5.56043	0.916366	1
cg10231344	0.581228	0.928416	-1.0771	0.00527536	0.612401	-1.63292	0.772655	0.962116	-1.03938	0.475027	0.907694	-1.10169	4.08718	1.15058	0.25023	1
cg04362960	0.00526072	0.281436	-3.5532	0.000152367	0.106668	-9.37485	0.00226001	0.229416	-4.3589	0.199597	0.626943	-1.59504	11.8384	22.2551	1.67103	1
cg08067352	0.851546	0.900395	-1.11062	0.792584	0.862763	-1.15907	0.894446	1.07717	1.07717	0.457105	0.653626	-1.52993	9.25727	40.0007	3.78088	1
cg08685077	0.194168	0.841806	-1.18792	0.0353558	0.735505	-1.35961	0.313104	1.13974	1.13974	0.00843006	1.52465	1.52465	3.80224	0.94645	0.221261	1
cg15849288	0.145131	0.574915	-1.73939	0.00453872	0.26247	-3.80996	0.925755	0.967563	-1.03352	0.00933644	0.311471	-3.21057	3.57029	7.07729	1.76202	1
cg18679274	0.322472	0.774434	-1.29127	0.00139699	0.314143	-3.18327	0.00911193	2.29021	2.29021	0.43686	0.820057	-1.21943	10.2448	10.1502	0.880678	1
cg06206957	0.892418	0.96835	-1.03268	0.192391	0.720408	-1.3881	0.225331	1.35346	1.35346	0.0726534	0.621266	-1.60962	4.51275	4.03762	0.795301	1
cg10532362	0.001237	0.191499	-5.22196	0.506501	1.26608	1.26608	0.487974	1.27971	1.27971	0.129337	1.77471	1.77471	6.32277	12.2694	1.7249	1
cg02359355	0.175244	0.777266	-1.28656	0.697628	0.934033	-1.07063	0.999353	1.00014	1.00014	0.0288209	0.637259	-1.56922	5.9858	2.89634	0.430105	1
cg01514436	0.494161	0.881824	-1.13401	0.942812	0.987089	-1.01308	0.00283763	2.10514	2.10514	0.0716076	1.43964	1.43964	4.96946	2.58233	0.461901	1
cg16671877	0.566486	0.963098	-1.03832	0.00418308	0.779583	-1.28274	0.910423	1.00733	1.00733	0.0164992	1.20936	1.20936	11.4493	0.763544	0.0592794	1
cg25598370	0.0046741	0.551376	-1.81364	0.0256447	1.52143	1.52143	0.118701	0.764824	-1.30749	0.0544855	0.707956	-1.41252	11.4277	4.53561	0.352795	1
cg00436301	0.378497	1.08566	1.08566	0.00142953	0.657369	-1.52122	0.135214	1.15774	1.15774	0.0305737	1.26001	1.26001	7.65975	1.00367	0.116473	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06734816	NT5DC1	0.00526856	0.0115257	0.807691	-1.2381	0.262029	1.08226	1.08226	0.0508477	1.16226	1.16226	0.251877	1.08427	1.08427	0.195691	0.911656	-1.0969
cg22658451	NT5DC1	0.00597384	0.804629	0.948184	-1.05465	0.000499165	0.31063	-3.21927	0.793927	1.05781	1.05781	0.205036	1.33251	1.33251	0.135262	0.707763	-1.4129
cg16420520	NT5DC1	0.00923005	0.00454171	0.0639386	-15.64	0.00412614	0.0609331	-16.4114	0.0182834	0.124515	-8.03118	0.191334	0.365583	-2.73536	0.0022002	0.0440517	-22.7006
cg08036074	NT5DC1	0.0177507	0.0133026	0.73326	-1.36377	0.62989	1.05034	1.05034	0.000768628	0.59735	-1.67406	0.500716	0.933201	-1.07158	0.0883821	0.826818	-1.20946
cg21787542	NT5DC2;LOC440957	0.00131052	0.885422	0.971673	-1.02915	0.0554051	1.54146	1.54146	0.67083	0.918328	-1.08894	0.00243902	0.431439	-2.31782	0.160346	0.741628	-1.34839
cg09455182	NT5DC2;NT5DC2	2.03E-05	2.09E-07	0.0578016	-17.3006	0.25783	0.807397	-1.23855	0.0485156	0.664747	-1.50433	0.0193602	0.599072	-1.66925	0.213517	0.78873	-1.26786
cg07148594	NT5DC2;NT5DC2	0.000112009	0.0135212	0.757255	-1.32056	0.220556	0.889446	-1.1243	0.468312	0.935081	-1.06943	0.00231435	1.47276	1.47276	0.000746037	0.627801	-1.59286
cg11126497	NT5DC2;NT5DC2	0.00288296	0.400956	0.748202	-1.33654	0.000263504	0.132265	-7.56059	0.644829	0.855033	-1.16955	0.690073	0.873504	-1.14481	0.000253932	0.130804	-7.64505
cg07507251	NT5DC2;NT5DC2	0.00811984	0.0117009	0.270619	-3.69523	0.00158812	0.152451	-6.55948	0.0802283	0.446971	-2.23728	0.0344557	0.359369	-2.78266	0.00345402	0.19253	-5.19401
cg02231066	NT5DC2;NT5DC2	0.0207065	0.217754	0.538535	-1.85689	0.00488084	0.168478	-5.93548	0.0301329	0.29606	-3.3777	0.0260323	0.28341	-3.52845	0.0833004	0.400467	-2.49709
cg13284614	NT5DC2;NT5DC2;LOC440957	0.00128942	0.000915398	0.0905169	-11.0477	0.000616733	0.0776519	-12.878	0.637914	1.25834	1.25834	0.0485794	2.98071	2.98071	0.00184156	0.117167	-8.53481
cg08365687	NT5DC2;NT5DC2;LOC440957	0.0049623	0.000582941	0.123989	-8.06523	0.00354492	0.211918	-4.71881	0.423622	0.725555	-1.37826	0.42312	1.37876	1.37876	0.00325069	0.206914	-4.83293
cg18337363	NT5DC2;NT5DC2;NT5DC2	0.00304191	0.00542307	0.131224	-7.62059	0.000774275	0.0593824	-16.84	0.578994	1.36486	1.36486	0.0165539	5.07637	5.07637	0.00310963	0.105965	-9.43704
cg25934064	NT5DC2;NT5DC2;NT5DC2	0.01142	0.0146317	0.414651	-2.41167	0.00457061	0.330946	-3.02164	0.248694	1.42348	1.42348	0.0355024	2.04792	2.04792	0.00863049	0.375066	-2.6662
cg19350479	NT5DC3	0.000226847	0.164949	0.926203	-1.07968	0.0602361	1.11592	1.11592	0.644093	0.976212	-1.02437	0.0930104	0.908794	-1.10036	0.0115845	1.17745	1.17745
cg02042623	NT5DC3	0.00332036	0.289496	0.772355	-1.29474	0.148027	0.694476	-1.43993	0.539258	0.864125	-1.15724	0.983254	1.00494	1.00494	4.64E-05	0.164213	-6.08966
cg06004033	NT5DC3	0.00542396	0.0160623	0.520299	-1.92197	0.00475044	0.435426	-2.2966	0.00271215	0.399161	-2.50525	0.061173	0.62637	-1.5965	0.00134573	0.356003	-2.80896
cg19312404	NT5DC3	0.00622874	0.00106367	0.158832	-6.29596	0.376645	0.708213	-1.412	0.0420262	0.410251	-2.43753	0.151003	0.55698	-1.7954	0.000620489	0.134951	-7.41009
cg04909529	NT5DC3	0.0108759	0.873069	0.969783	-1.03116	0.00359649	0.469282	-2.13092	0.00162862	0.420493	-2.37816	0.33006	1.21275	1.21275	0.119029	1.3836	1.3836
cg15977278	NT5DC3	0.0356092	0.901155	0.987897	-1.01225	0.9593	0.995012	-1.00501	0.0866961	0.830754	-1.20373	0.639021	0.954758	-1.04739	0.33019	1.10348	1.10348
cg13303475	NT5DC3	0.046166	0.501881	0.597812	-1.67277	0.276279	2.35862	2.35862	0.0518311	5.47793	5.47793	?	?	?	0.0373597	0.155201	-6.44324
cg06516476	NT5E	0.00095205	0.000222346	0.180319	-5.54573	0.0589015	0.551869	-1.81203	0.00365352	0.33439	-2.99052	0.00250243	0.310303	-3.22266	0.0008582	0.247832	-4.03499
cg27039625	NT5E	0.0015042	0.0172469	0.534956	-1.86931	7.18E-05	0.210224	-4.75682	0.023206	0.557037	-1.79521	0.0877508	0.666073	-1.50134	0.000780768	0.334318	-2.99116
cg03285617	NT5E	0.00180242	0.225197	1.43544	1.43544	0.000121	0.148727	-6.72373	0.0141556	0.423555	-2.36097	0.00727015	0.374369	-2.67116	0.0640523	0.554008	-1.80503
cg17966619	NT5E	0.00240983	0.0226893	0.744383	-1.34339	0.0467363	0.781601	-1.27943	0.00044098	1.82321	1.82321	0.131476	1.19269	1.19269	0.24095	1.14208	1.14208
cg09989847	NT5E	0.0056555	0.296165	0.676636	-1.4779	0.121556	1.83175	1.83175	0.712666	1.14269	1.14269	0.00386736	0.245776	-4.06874	0.00103615	0.173421	-5.7663
cg00925339	NT5E	0.00781575	0.00317551	0.265221	-3.77045	0.000799762	0.188767	-5.29755	0.140588	0.593289	-1.68552	0.16882	0.61701	-1.62072	0.186131	0.630237	-1.5867
cg23172664	NT5E	0.0155362	0.0109055	0.186241	-5.36937	0.00619465	0.153006	-6.53569	0.378949	0.622055	-1.60757	0.086749	0.369747	-2.70455	0.00447227	0.136172	-7.34363
cg25262528	NT5E	0.0492177	0.0451875	0.490867	-2.03721	0.210841	0.664804	-1.5042	0.596283	1.18005	1.18005	0.126147	0.599035	-1.66935	0.00271853	0.277466	-3.60404
cg17488985	NT5E;NT5E	0.0449764	0.136123	0.860242	-1.16246	0.0400731	1.24907	1.24907	0.513459	1.06409	1.06409	0.267028	0.897273	-1.11449	0.173276	1.14549	1.14549
cg01979266	NT5M	0.00272525	0.0282687	1.43061	1.43061	0.0632077	1.33496	1.33496	0.0562504	0.741617	-1.34841	0.237502	1.18661	1.18661	0.057217	1.34643	1.34643
cg04495270	NT5M	0.0111967	0.010189	0.434545	-2.30126	0.651718	1.12399	1.12399	0.986202	1.00446	1.00446	0.872574	0.95955	-1.04216	0.00369193	0.364433	-2.74399
cg09810313	NT5M	0.0129474	0.00214331	0.50305	-1.98787	0.114821	1.31423	1.31423	0.0351119	1.47868	1.47868	0.484604	1.11983	1.11983	0.018695	1.57483	1.57483
cg19118161	NT5M	0.026177	0.12361	0.807534	-1.23834	0.181595	0.8338	-1.19933	0.0294929	0.719953	-1.38898	0.0636379	0.765465	-1.3064	0.00219976	0.576815	-1.73366
cg08693337	NT5M	0.0296517	0.0120783	0.21126	-4.73351	0.0242246	0.263244	-3.79876	0.0250449	0.265991	-3.75952	0.0508285	0.331123	-3.02003	0.0514655	0.332397	-3.00845
cg26989053	NTAN1	0.000901256	0.000876906	0.305864	-3.26942	0.80262	1.06127	1.06127	0.0645697	0.610822	-1.63714	0.010734	0.4671	-2.14087	0.000264592	0.241076	-4.14807
cg01592662	NTAN1	0.00608064	0.248327	1.11403	1.11403	0.0663749	1.20231	1.20231	0.0463142	1.22661	1.22661	0.00190617	0.674688	-1.48217	0.106004	0.853868	-1.17114
cg03511282	NTAN1	0.0128311	0.201944	0.708854	-1.41073	0.681606	1.1111	1.1111	0.515323	1.1835	1.1835	0.256668	1.35305	1.35305	0.0398808	0.545157	-1.83433
cg27086442	NTAN1	0.0160945	0.403845	0.887932	-1.12621	0.262665	0.850014	-1.17645	0.64469	1.06675	1.06675	0.318197	0.866271	-1.15437	0.551765	0.919637	-1.08739
cg08694802	NTAN1	0.0177542	0.363214	1.10433	1.10433	0.599892	0.945341	-1.05782	0.886464	1.01529	1.01529	0.59194	0.944158	-1.05914	0.00734851	1.44329	1.44329
cg26629184	NTAN1	0.020122	0.0108995	0.338395	-2.95512	0.734684	1.12224	1.12224	0.667183	0.863582	-1.15797	0.755552	1.11168	1.11168	0.145087	0.588305	-1.6998
cg23472930	NTAN1	0.0272879	0.168147	0.84522	-1.18312	0.473635	0.919946	-1.08702	0.940384	0.991473	-1.0086	0.923339	1.01108	1.01108	0.16119	0.842547	-1.18688
cg03325843	NTF3	2.43E-07	1.80E-06	0.230532	-4.3378	0.961295	0.994035	-1.006	8.96E-05	0.421432	-2.37286	0.0148619	0.691182	-1.4468	0.0196525	0.70649	-1.41545
cg00252282	NTF3	2.33E-05	0.0398663	1.56542	1.56542	0.000847041	0.388165	-2.57623	0.000543811	2.75638	2.75638	0.000202075	3.24152	3.24152	0.350591	1.1987	1.1987
cg04245097	NTF3	4.63E-05	0.00174429	0.435863	-2.2943	0.010669	1.8171	1.8171	5.10E-05	0.243671	-4.10389	0.148166	0.749297	-1.33458	0.386033	0.847606	-1.17979
cg19179869	NTF3	7.64E-05	5.58E-05	0.192675	-5.1901	0.251064	0.768324	-1.30153	7.64E-05	0.2069	-4.83324	3.17E-05	0.16841	-5.93788	0.560691	0.878721	-1.13802
cg04574480	NTF3	0.000663319	0.000738123	0.303872	-3.29086	0.022537	0.530032	-1.88668	0.000482413	0.280256	-3.56816	0.116278	0.672611	-1.48674	0.000168542	0.225941	-4.42594
cg25201255	NTF3	0.00274368	0.03404	0.379407	-2.63569	0.639785	1.20279	1.20279	0.00104098	0.149294	-6.6982	0.277906	0.642748	-1.55582	0.00385606	0.217565	-4.59632
cg21951301	NTF3	0.00293746	0.648177	0.896524	-1.11542	0.895704	1.03168	1.03168	0.0368883	1.77952	1.77952	0.524108	1.1659	1.1659	0.792515	0.939243	-1.06469
cg11607952	NTF3	0.00491046	0.657906	0.958616	-1.04317	0.0180581	0.761561	-1.31309	0.312542	0.905674	-1.10415	0.0953903	1.18977	1.18977	0.98343	1.00197	1.00197
cg01750032	NTF3	0.0114477	0.998767	1.00047	1.00047	0.614872	1.16671	1.16671	0.0808687	0.55525	-1.80099	0.919543	0.969759	-1.03118	0.126012	1.65393	1.65393
cg06162475	NTF3	0.0191307	0.724952	1.14458	1.14458	0.0286078	0.372618	-2.68372	0.0820894	0.478839	-2.08839	0.594651	1.2279	1.2279	0.0119092	0.301255	-3.31944
cg01919377	NTF3	0.0212079	0.102099	2.41941	2.41941	0.0182425	4.1166	4.1166	0.0033875	0.139819	-7.15212	0.393936	0.649731	-1.5391	0.408082	0.658464	-1.51868
cg18770669	NTF3	0.0305299	0.0369161	1.75162	1.75162	0.717957	1.08751	1.08751	0.398549	0.818803	-1.22129	0.736576	1.08122	1.08122	0.173243	1.39818	1.39818
ch.12.158852F	NTF3	0.0359068	0.0324439	0.246713	-4.0533	0.075574	0.33101	-3.02106	0.02028	0.209253	-4.77891	0.0197376	0.207258	-4.82489	0.00412059	0.116421	-8.58953
cg00182534	NTF3	0.0447639	0.640601	1.0683	1.0683	0.169853	0.814274	-1.22809	0.509036	0.910164	-1.0987	0.544539	1.09001	1.09001	0.336979	1.14925	1.14925
cg21719937	NTF3	0.046592	0.0679433	0.360987	-2.77018	0.00270056	0.126727	-7.891	0.0833092	0.384635	-2.59987	0.618357	0.778564	-1.28442	0.203377	0.512149	-1.95256
cg04060317	NTF3;NTF3	2.60E-06	1.41E-05	0.282946	-3.53424	0.870028	0.977417	-1.0231	0.000360703	0.450228	-2.2211	0.000437811	0.460714	-2.17055	0.592481	0.927407	-1.07828
cg06561883	NTF3;NTF3	6.75E-05	0.00387989	0.60781	-1.64525	0.706809	0.952778	-1.04956	0.022021	0.703556	-1.42135	0.188854	0.83677	-1.19507	0.801295	1.03281	1.03281
cg14592468	NTF3;NTF3	0.00317568	0.00707142	0.276118	-3.62163	0.63833	1.19129	1.19129	0.112928	0.528397	-1.89252	0.559303	1.24396	1.24396	0.153238	1.76022	1.76022
cg16854200	NTF3;NTF3	0.00614824	0.154831	0.53305	-1.876	0.0455101	2.57962	2.57962	0.690817	0.847732	-1.17962	0.269587	0.621864	-1.60807	0.163702	0.541116	-1.84803
cg02554564	NTF3;NTF3	0.00791928	0.558853	0.862878	-1.15891	0.0808296	0.616915	-1.62097	0.228777	0.7297	-1.37043	0.510487	0.84659	-1.18121	0.0386085	0.55008	-1.81792
cg19696117	NTF3;NTF3	0.0106111	0.00553869	0.213781	-4.67768	0.090157	0.453629	-2.20445	0.064313	0.414862	-2.41044	0.0528806	0.394042	-2.5378	0.0244526	0.321528	-3.11015
cg11647944	NTF3;NTF3	0.0127815	0.032185	1.84378	1.84378	0.97276	1.00836	1.00836	0.762082	1.07685	1.07685	0.278481	1.31626	1.31626	0.0117764	0.464338	-2.1536
cg06582426	NTF3;NTF3	0.0158384	0.440528	0.800138	-1.24978	0.0579257	1.83614	1.83614	0.368918	0.769827	-1.29899	0.948179	0.981744	-1.0186	0.258934	1.39637	1.39637
cg04740359	NTF3;NTF3	0.0188902	0.0563472	0.291815	-3.42683	0.939934	1.04389	1.04389	0.0821612	0.333646	-2.99719	0.252969	0.506339	-1.97496	0.0159667	0.186072	-5.37427
cg04313385	NTF3;NTF3	0.0302733	0.020424	0.255092	-3.92015	0.154272	0.474439	-2.10775	0.100986	0.415531	-2.40656	0.414901	0.665331	-1.50301	0.00748338	0.185733	-5.38408
cg19345244	NTF3;NTF3	0.0400698	0.0388309	2.19348	2.19348	0.421087	0.763464	-1.30982	0.0857728	0.536049	-1.8655	0.0783251	1.90066	1.90066	0.0158642	0.379027	-2.63833
cg01377911	NTF4	4.62E-05	0.000235504	0.49347	-2.02646	0.000523046	1.87106	1.87106	0.000417605	1.91243	1.91243	0.438933	0.912589	-1.09578	0.00827819	0.67625	-1.47874
cg07470708	NTF4	0.00293868	0.000948534	0.237604	-4.20867	0.728911	0.903504	-1.1068	0.0552779	0.530625	-1.88457	0.0227485	0.451532	-2.21468	0.00107911	0.244668	-4.08718
cg27288047	NTF4	0.00387682	0.0324603	0.838949	-1.19197	0.0450189	1.17508	1.17508	0.187765	0.90673	-1.10286	0.386898	0.939686	-1.06419	0.471631	1.0527	1.0527
cg13977597	NTF4	0.0123862	0.0320157	0.550145	-1.8177	0.164665	1.4228	1.4228	0.153218	1.43879	1.43879	0.110536	0.661238	-1.51231	0.0620837	0.606738	-1.64816
cg03189990	NTM	8.19E-09	0.0114071	0.653875	-1.52935	2.05E-08	17.0763	17.0763	2.42E-07	7.93047	7.93047	0.274598	0.858546	-1.16476	1.20E-08	20.8347	20.8347
cg07777694	NTM	5.83E-06	0.0267398	0.473899	-2.11015	4.51E-05	8.98839	8.98839	0.00117826	3.87317	3.87317	0.69618	0.894359	-1.11812	4.47E-05	9.01457	9.01457
cg23375384	NTM	7.11E-05	0.000825708	0.711036	-1.4064	0.649904	0.969535	-1.03142	0.53434	0.958285	-1.04353	0.00342218	0.763932	-1.30902	0.243209	0.920644	-1.0862
cg04414912	NTM	0.000983949	0.140433	0.775475	-1.28953	0.0474555	0.69519	-1.43845	0.0186038	0.63288	-1.58008	0.880758	1.02436	1.02436	9.96E-06	0.218465	-4.57739
cg04291014	NTM	0.00102381	0.00325368	0.327501	-3.05342	0.562251	0.849594	-1.17703	0.459526	0.81099	-1.23306	0.902261	0.9664	-1.03477	1.48E-05	0.0819826	-12.1977
cg09294095	NTM	0.0015628	0.0947143	0.740866	-1.34977	0.0641613	0.711978	-1.40454	0.458778	0.884087	-1.13111	0.118245	1.31916	1.31916	0.0317681	0.662942	-1.50843
cg19761149	NTM	0.00171001	0.00166521	0.592334	-1.68824	0.264839	1.14489	1.14489	0.430278	1.09827	1.09827	0.352083	1.11795	1.11795	0.00109757	0.57092	-1.75156
cg23520521	NTM	0.00211765	0.321265	0.805377	-1.24165	3.29E-05	0.182065	-5.49256	0.138555	0.714053	-1.40046	0.280188	1.26758	1.26758	0.0971657	0.68078	-1.4689
cg11328898	NTM	0.00333881	0.0364759	0.346437	-2.88653	0.00928411	0.237086	-4.21787	0.064439	0.404188	-2.4741	0.376245	0.673034	-1.48581	0.00122344	0.127104	-7.86759
cg23725072	NTM	0.00335182	0.0252318	0.440452	-2.27039	0.101508	0.575545	-1.73748	0.000935839	0.218373	-4.57932	0.0205142	0.423128	-2.36335	0.0003843	0.174463	-5.73188
cg10082354	NTM	0.00548954	0.00566978	0.350108	-2.85626	0.000531445	0.210164	-4.7582	0.00603685	0.354423	-2.82149	0.142798	0.634132	-1.57696	0.035976	0.493863	-2.02485
cg01129262	NTM	0.00581718	0.0393118	0.542952	-1.84178	0.570669	0.863481	-1.1581	0.768876	0.927306	-1.07839	0.750277	0.921468	-1.08522	8.61E-05	0.164389	-6.08313
cg13453157	NTM	0.00632891	0.00939703	0.582152	-1.71776	0.000436516	0.401212	-2.49245	0.0463381	0.687299	-1.45497	0.203529	0.802106	-1.24672	0.0559972	0.700705	-1.42713
cg01712892	NTM	0.00848943	0.0126816	1.50367	1.50367	0.00220717	1.75927	1.75927	0.0279661	1.40761	1.40761	0.865476	0.977922	-1.02258	0.318651	1.14534	1.14534
cg27083553	NTM	0.00919204	0.564089	0.932307	-1.07261	0.545014	1.07641	1.07641	0.13939	0.825958	-1.21071	0.00229844	1.66895	1.66895	0.0299231	0.73561	-1.35942
cg21176993	NTM	0.00947296	0.0230423	0.668047	-1.4969	0.0145626	0.639804	-1.56298	0.000924985	0.479877	-2.08387	0.161625	0.801058	-1.24835	0.138613	0.789299	-1.26695
cg01057268	NTM	0.010601	0.027096	0.359439	-2.78211	0.0632613	0.441796	-2.26349	0.00186163	0.177888	-5.62152	0.217902	0.602369	-1.66011	0.00227135	0.188304	-5.31055
cg13658713	NTM	0.0111753	0.18633	1.20237	1.20237	0.316484	0.872645	-1.14594	0.0204813	0.692594	-1.44385	0.741279	0.957353	-1.04455	0.165538	1.21477	1.21477
cg01262836	NTM	0.0120388	0.756873	0.949596	-1.05308	0.00204861	0.485012	-2.0618	0.0802495	0.723842	-1.38152	0.912411	1.01849	1.01849	0.00122274	0.454803	-2.19875
cg23465213	NTM	0.0131467	0.875127	0.950064	-1.05256	0.00137135	0.220347	-4.5383	0.0142804	0.373715	-2.67584	0.0908312	0.545089	-1.83456	0.654354	0.863473	-1.15811
cg26377630	NTM	0.0141403	0.0427986	0.478281	-2.09082	0.0780546	0.538303	-1.85769	0.0788646	0.539403	-1.8539	0.202499	1.53055	1.53055	0.00779406	0.33939	-2.94646
cg01803766	NTM	0.0146396	0.0555054	3.72409	3.72409	0.00502054	9.47659	9.47659	0.0372463	4.32733	4.32733	0.336813	1.82207	1.82207	0.0283562	4.7968	4.7968
cg15848364	NTM	0.0163391	0.808556	1.04855	1.04855	0.0172379	1.76244	1.76244	0.0973804	1.42659	1.42659	0.0197613	1.73288	1.73288	0.0127334	0.546315	-1.83045
cg15235707	NTM	0.0170146	0.700414	0.926245	-1.07963	0.00495339	0.478351	-2.09051	0.0828823	0.683476	-1.46311	0.985347	1.00365	1.00365	0.0727222	1.487	1.487
cg26058021	NTM	0.0186343	0.0504902	1.70758	1.70758	0.0171436	0.497899	-2.00844	0.0029408	0.375162	-2.66552	0.232471	1.35064	1.35064	0.497251	1.17991	1.17991
cg22887491	NTM	0.0224468	0.0603973	0.612159	-1.63356	0.0167585	1.96712	1.96712	0.0628784	1.62411	1.62411	0.0725731	0.628598	-1.59084	0.0585918	0.609489	-1.64072
cg20161190	NTM	0.023302	0.188325	1.30754	1.30754	0.811414	1.04705	1.04705	0.561255	1.11964	1.11964	0.791272	1.05235	1.05235	0.000880278	0.383211	-2.60953
cg05429319	NTM	0.0249436	0.874169	1.04182	1.04182	0.0165147	0.469011	-2.13215	0.011306	0.440403	-2.27065	0.146696	1.49582	1.49582	0.846406	1.05141	1.05141
cg12736830	NTM	0.0304172	0.310833	1.21002	1.21002	0.481431	0.878013	-1.13894	0.093663	0.715216	-1.39818	0.247788	0.802782	-1.24567	0.00142624	0.432224	-2.31362
cg15305578	NTM	0.0376733	0.142446	1.40113	1.40113	0.0204573	0.550192	-1.81755	0.0114209	0.508035	-1.96837	0.0592249	1.57715	1.57715	0.127796	0.703131	-1.42221
cg05210558	NTM	0.038647	0.751912	0.886795	-1.12766	0.0619737	0.451045	-2.21707	0.095626	0.49984	-2.00064	0.380693	1.40584	1.40584	0.336077	0.686766	-1.4561
cg05079547	NTM	0.0485753	0.953451	1.01529	1.01529	0.00488997	0.379231	-2.63692	0.0184936	0.475833	-2.10158	0.943087	0.981611	-1.01873	0.519228	0.843785	-1.18514
cg13052068	NTM;NTM;NTM	0.000222194	0.48412	0.91435	-1.09367	0.00446124	1.61223	1.61223	0.00268554	1.68617	1.68617	0.0383062	1.35296	1.35296	1.58E-05	0.325597	-3.07128
cg26122374	NTM;NTM;NTM	0.0305868	0.121683	0.616235	-1.62276	0.362974	0.763547	-1.30968	0.508477	1.21355	1.21355	0.779663	0.922263	-1.08429	0.000450808	0.2027	-4.93339
cg16257533	NTM;NTM;NTM;NTM	7.69E-06	9.25E-06	0.125163	-7.98955	6.16E-06	0.111442	-8.97328	2.11E-05	0.15594	-6.41273	4.76E-05	0.189785	-5.26911	0.00147911	0.369814	-2.70406
cg14151842	NTM;NTM;NTM;NTM	0.000370124	0.607449	0.898694	-1.11273	0.4749	0.860892	-1.16159	0.480611	1.15927	1.15927	0.0335558	1.66833	1.66833	1.56E-05	0.158793	-6.29749
cg23699196	NTM;NTM;NTM;NTM	0.000530463	0.0377793	1.24993	1.24993	0.117507	1.17049	1.17049	0.0101232	1.35041	1.35041	0.305699	0.90646	-1.10319	0.363104	0.917088	-1.09041
cg08214060	NTM;NTM;NTM;NTM	0.000743056	0.245951	1.32706	1.32706	0.194704	0.726227	-1.37698	0.0539546	1.6656	1.6656	0.109587	1.502	1.502	4.30E-05	0.163343	-6.12209
cg15617814	NTM;NTM;NTM;NTM	0.00120892	0.378909	1.20761	1.20761	0.0140541	1.88437	1.88437	0.010099	1.97047	1.97047	0.32636	0.809162	-1.23585	0.0699935	0.654839	-1.52709
cg06007395	NTM;NTM;NTM;NTM	0.00153272	0.623375	0.909159	-1.09992	0.79679	0.951561	-1.0509	0.000896219	2.60306	2.60306	0.616815	0.907494	-1.10194	0.234212	0.786672	-1.27118
cg16763885	NTM;NTM;NTM;NTM	0.00213512	0.000149111	0.0221626	-45.121	0.00177224	0.0741068	-13.494	0.0720623	0.309217	-3.23397	0.0304479	0.226068	-4.42344	0.00537113	0.117301	-8.5251
cg03115562	NTM;NTM;NTM;NTM	0.00394246	0.099885	0.662654	-1.50908	0.686092	0.911439	-1.09717	0.00140154	0.347843	-2.87486	0.00740275	0.455008	-2.19776	0.000853725	0.318703	-3.13771
cg04515154	NTM;NTM;NTM;NTM	0.00406489	0.0216646	0.603474	-1.65707	0.0955504	0.715025	-1.39855	0.981752	1.0042	1.0042	0.679746	0.926775	-1.07901	0.000266671	0.334075	-2.99334
cg19747968	NTM;NTM;NTM;NTM	0.00457609	0.0408947	0.780462	-1.28129	0.323752	0.898485	-1.11298	0.464082	1.08141	1.08141	0.00470919	0.67404	-1.48359	0.00059369	0.572942	-1.74538
cg16594910	NTM;NTM;NTM;NTM	0.00509019	0.0626746	1.29418	1.29418	0.857459	1.02238	1.02238	0.702253	1.04842	1.04842	0.976352	0.996358	-1.00366	0.000764876	0.533877	-1.87309
cg01465429	NTM;NTM;NTM;NTM	0.00530897	0.029373	0.724143	-1.38094	0.00247619	0.589076	-1.69757	0.0102284	0.665494	-1.50264	0.224335	0.851671	-1.17416	0.975843	0.996199	-1.00382
cg10959649	NTM;NTM;NTM;NTM	0.00655784	0.087187	0.80092	-1.24856	0.35433	0.894037	-1.11852	0.790314	0.96916	-1.03182	0.193369	0.850626	-1.1756	0.127963	1.21341	1.21341
cg12828462	NTM;NTM;NTM;NTM	0.00923136	0.214311	0.731222	-1.36757	0.0379627	1.77913	1.77913	0.14096	1.46103	1.46103	0.998806	1.00036	1.00036	0.000640055	0.285078	-3.50782
cg15585794	NTM;NTM;NTM;NTM	0.0139773	0.838681	1.02917	1.02917	0.0515539	1.36693	1.36693	0.0896029	1.30207	1.30207	0.45893	0.899097	-1.11223	0.499157	0.907771	-1.1016
cg06217320	NTM;NTM;NTM;NTM	0.0176991	0.176397	0.599903	-1.66693	0.987012	0.994229	-1.0058	0.367721	0.719674	-1.38952	0.00381749	0.249874	-4.00202	0.0281252	0.397749	-2.51415
cg24776656	NTM;NTM;NTM;NTM	0.0184239	0.77535	0.90834	-1.10091	0.594977	1.19756	1.19756	0.549799	1.22546	1.22546	?	?	?	0.000474732	0.158203	-6.32099
cg10996368	NTM;NTM;NTM;NTM	0.0196525	0.0209483	0.700662	-1.42722	0.401934	1.11611	1.11611	0.000940169	1.88108	1.88108	0.484571	1.09522	1.09522	0.254299	0.858625	-1.16465
cg05445490	NTM;NTM;NTM;NTM	0.0201744	0.682856	0.911165	-1.0975	0.111701	1.4804	1.4804	0.112463	1.47895	1.47895	0.225246	1.33435	1.33435	0.00365378	0.410536	-2.43584
cg02401624	NTM;NTM;NTM;NTM	0.0214875	0.00288266	0.160258	-6.23995	0.0956761	0.44146	-2.26521	0.0886958	0.432165	-2.31393	0.0378349	0.340987	-2.93266	0.0176112	0.27521	-3.63359
cg15159131	NTM;NTM;NTM;NTM	0.0232436	0.704158	1.13343	1.13343	0.166404	0.616034	-1.62329	0.992608	1.00305	1.00305	0.786349	1.0933	1.0933	0.00055588	0.172264	-5.80504
cg27324823	NTM;NTM;NTM;NTM	0.0243251	0.884519	0.957043	-1.04489	0.00583357	2.97607	2.97607	0.0471985	1.98587	1.98587	0.353779	1.33407	1.33407	0.0206263	0.430739	-2.32159
cg14778531	NTM;NTM;NTM;NTM	0.0255748	0.109598	0.780069	-1.28194	0.688908	1.05897	1.05897	0.783072	1.04008	1.04008	0.0575904	0.736576	-1.35763	0.0319931	0.699236	-1.43013
cg05184519	NTM;NTM;NTM;NTM	0.032812	0.00738258	0.333771	-2.99606	0.411093	0.765544	-1.30626	0.135219	0.599393	-1.66835	0.421014	0.770052	-1.29861	0.00516503	0.30922	-3.23394
cg23692386	NTM;NTM;NTM;NTM	0.0375502	0.00802096	0.483777	-2.06707	0.720727	1.07975	1.07975	0.174534	1.36166	1.36166	0.398545	1.20292	1.20292	0.821803	0.952925	-1.0494
cg08097520	NTM;NTM;NTM;NTM	0.0378548	0.721533	1.21541	1.21541	0.00242895	9.98349	9.98349	0.967638	1.02236	1.02236	0.707992	0.814562	-1.22765	0.497052	1.45625	1.45625
cg15131519	NTM;NTM;NTM;NTM	0.0382222	0.419148	0.904419	-1.10568	0.841747	0.975965	-1.02463	0.19445	0.846156	-1.18181	0.328244	0.884431	-1.13067	0.606532	0.938732	-1.06527
cg25724515	NTM;NTM;NTM;NTM	0.0407151	0.0164303	0.406869	-2.45779	0.11329	0.589463	-1.69646	0.023004	0.434328	-2.3024	0.0459347	0.495772	-2.01705	0.600316	1.17603	1.17603
cg13686857	NTM;NTM;NTM;NTM	0.0451837	0.0342373	0.236198	-4.23373	0.120797	0.374255	-2.67198	0.831289	1.13273	1.13273	0.164116	0.420106	-2.38035	0.0061035	0.123575	-8.09226
cg09364022	NTM;NTM;NTM;NTM	0.0494559	0.575773	1.24035	1.24035	0.0944104	2.01477	2.01477	0.041804	2.44469	2.44469	0.0195963	2.92857	2.92857	0.46011	0.75086	-1.33181
cg11965370	NTM;NTM;NTM;NTM;NTM;NTM;NTM	5.14E-05	0.00122169	0.622647	-1.60605	0.357297	0.909559	-1.09943	0.108319	1.19174	1.19174	0.227473	0.880855	-1.13526	0.13638	0.85156	-1.17432
cg07072722	NTM;NTM;NTM;NTM;NTM;NTM;NTM	0.0209317	0.775524	0.897789	-1.11385	0.975589	1.01161	1.01161	0.765281	1.11954	1.11954	0.857985	1.06988	1.06988	0.0438697	0.417476	-2.39534
cg20860533	NTN1	2.63E-05	0.0301834	0.750209	-1.33296	6.49E-06	3.1045	3.1045	0.000556054	1.82936	1.82936	0.00138957	1.68614	1.68614	0.0159054	0.716819	-1.39505
cg09935792	NTN1	4.81E-05	1.30E-06	0.22479	-4.44859	0.00261649	1.65031	1.65031	0.75845	0.963601	-1.03777	0.275828	0.872609	-1.14599	0.137591	0.825129	-1.21193
cg15370309	NTN1	0.00143838	0.00104269	0.19601	-5.10179	0.000947851	0.191175	-5.2308	0.00920908	0.32956	-3.03435	0.00429497	0.277431	-3.60449	0.00106179	0.196939	-5.07772
cg26916916	NTN1	0.00586536	0.00421061	0.0859477	-11.635	0.0336229	0.204127	-4.8989	0.0594643	0.256109	-3.90458	0.757533	1.2193	1.2193	0.000590805	0.033444	-29.9008

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06734816	0.00644424	1.27058	1.27058	0.000942169	1.39573	1.39573	0.249431	0.92186	-1.08476	0.995757	0.999641	-1.00036	7.22214	0.522569	0.064317	1
cg22658451	0.0221096	0.554823	-1.80238	0.527932	1.14715	1.14715	0.0137786	0.520155	-1.9225	0.04166	1.65558	1.65558	6.94853	5.07196	0.648829	1
cg16420520	0.00936762	0.091023	-10.9862	0.0150419	0.113753	-8.79094	0.24609	0.413812	-2.41656	0.0945563	0.262725	-3.80626	6.06357	50.8093	7.44839	1
cg08036074	0.0896146	0.827545	-1.20839	0.300574	0.897176	-1.11461	0.390982	1.09298	1.09298	0.0955638	0.830936	-1.20346	4.89803	0.793702	0.14404	1
cg21787542	6.05E-05	0.228434	-4.37762	0.455717	1.16347	1.16347	0.0582822	1.53183	1.53183	0.313461	1.23093	1.23093	10.8939	6.85277	0.559152	1
cg09455182	0.466251	0.874295	-1.14378	0.0150128	1.71889	1.71889	0.715517	0.935833	-1.06857	0.0670188	1.45059	1.45059	33.7394	17.5417	0.462149	1
cg07148594	0.00834328	0.735911	-1.35886	2.08E-05	0.457909	-2.18384	0.000422665	1.66213	1.66213	0.801602	0.977358	-1.02317	21.4783	2.81472	0.116488	1
cg11126497	0.919572	1.03467	1.03467	0.70503	1.13692	1.13692	0.872753	1.05557	1.05557	0.0401556	0.449287	-2.22575	8.65977	15.6146	1.60278	1
cg07507251	0.189298	0.561597	-1.78063	0.00282035	0.181414	-5.51224	0.0195166	0.309972	-3.2261	0.300458	0.640692	-1.56081	6.31452	17.2181	2.42377	1
cg02231066	0.323083	1.62773	1.62773	0.0116749	0.222178	-4.50089	0.0332663	0.304908	-3.27968	0.64892	1.24456	1.24456	4.64931	16.7769	3.20753	1
cg13284614	0.0140993	0.230205	-4.34395	0.0131055	0.225023	-4.44398	0.875206	0.926642	-1.07917	0.00465137	0.161265	-6.20095	10.9446	40.7344	3.30832	1
cg08365687	0.0586108	0.432287	-2.31328	0.787677	0.899448	-1.11179	0.78387	0.897689	-1.11397	0.0105349	0.282706	-3.53724	7.35557	17.9529	2.16953	1
cg18337363	0.135243	0.409184	-2.44389	0.367498	0.598249	-1.67155	0.279973	1.86508	1.86508	0.0514505	0.292129	-3.42315	8.52295	41.5756	4.33606	1
cg25934064	0.0993983	0.589244	-1.69709	0.288583	0.72425	-1.38074	0.366615	1.31208	1.31208	0.545875	0.836113	-1.19601	5.66363	7.69225	1.20728	1
cg19350479	5.05E-05	1.48176	1.48176	3.14E-05	1.52194	1.52194	0.479687	0.963498	-1.03788	0.119729	0.916343	-1.09129	17.7535	0.753056	0.0377044	1
cg02042623	0.080064	1.57817	1.57817	0.76293	0.931391	-1.07366	0.946645	0.984399	-1.01585	0.109207	0.663407	-1.50737	8.30353	7.25935	0.77711	1
cg06004033	0.0869612	0.657616	-1.52064	0.0115164	0.496208	-2.01528	0.321877	1.25473	1.25473	0.0344855	0.578808	-1.72769	7.15807	5.57398	0.692176	1
cg19312404	0.565751	0.801894	-1.24705	0.478158	0.760159	-1.31551	0.176148	0.578731	-1.72792	0.00382713	0.227028	-4.40475	6.85938	15.7107	2.03591	1
cg04909529	0.682084	1.08225	1.08225	0.0734965	1.4666	1.4666	0.819995	0.957203	-1.04471	0.330334	0.82467	-1.21261	5.7535	3.35595	0.518478	1
cg15977278	0.99359	0.999213	-1.00079	0.0277965	0.775046	-1.29025	0.521309	1.06577	1.06577	0.00266852	1.50233	1.50233	3.84303	0.584493	0.135193	1
cg13303475	?	?	?	0.869308	0.883346	-1.13206	?	?	?	0.0257739	7.76341	7.76341	3.99834	23.4422	6.84013	1
cg06516476	0.112397	0.617788	-1.61868	0.00160128	0.283248	-3.53047	0.0361659	0.507185	-1.97167	0.000392109	0.207167	-4.82702	11.9315	14.6727	1.09311	1
cg27039625	0.501519	0.863217	-1.15846	0.00278376	0.411044	-2.43283	0.0184716	0.540003	-1.85184	0.557391	0.8799	-1.13649	10.4712	7.71044	0.654534	1
cg03285617	0.0732328	0.567284	-1.76279	0.000850366	0.241062	-4.14831	0.881978	0.958719	-1.04306	0.0655009	0.5562	-1.79791	9.9379	12.6745	1.13366	1
cg17966619	0.348095	1.1102	1.1102	0.00249014	0.634542	-1.57594	0.812887	0.974665	-1.02599	0.0932689	1.22116	1.22116	9.13014	1.69346	0.164872	1
cg09989847	0.217574	0.6264	-1.59642	0.0061854	0.275953	-3.6238	0.105926	1.89045	1.89045	0.243554	0.644033	-1.55272	7.06675	14.5539	1.83065	1
cg00925339	0.0865385	0.536035	-1.86555	0.00181221	0.232086	-4.30874	0.977264	1.00943	1.00943	0.187996	0.631612	-1.58325	6.39079	10.9791	1.52707	1
cg23172664	0.133744	0.427165	-2.34102	0.00506888	0.142457	-7.01968	0.0185862	0.222936	-4.4856	0.186275	0.478577	-2.08953	5.12079	22.4329	3.89401	1
cg25262528	0.262339	0.696343	-1.43607	0.031822	0.45881	-2.17955	0.117137	0.590326	-1.69398	0.248784	0.68845	-1.45254	3.40848	5.17657	1.34998	1
cg17488985	0.0254259	0.779581	-1.28274	0.0429427	0.803828	-1.24405	0.39273	0.921204	-1.08554	0.0894197	0.838996	-1.1919	3.52622	0.490734	0.123704	1
cg01979266	0.154435	1.23462	1.23462	5.41E-05	2.83118	2.83118	0.324811	1.15095	1.15095	0.230292	1.19008	1.19008	8.80515	2.66607	0.269143	1
cg04495270	0.987679	1.00398	1.00398	0.00220175	0.331499	-3.0166	0.00964273	0.430539	-2.32267	0.184351	0.696126	-1.43652	5.69986	5.97377	0.931605	1
cg09810313	0.0719229	1.3773	1.3773	0.351646	1.16502	1.16502	0.391181	0.86936	-1.15027	0.167026	1.26458	1.26458	5.43735	2.18661	0.357464	1
cg19118161	0.454222	1.10265	1.10265	0.147802	1.22022	1.22022	0.594387	1.07132	1.07132	0.896291	0.983423	-1.01686	4.28789	1.1157	0.231287	1
cg08693337	0.194675	0.505848	-1.97688	0.00642398	0.171856	-5.81881	0.0217069	0.25437	-3.93127	0.134102	0.448168	-2.23131	4.1038	16.0401	3.47432	1
cg26989053	0.012514	0.478254	-2.09094	0.000127194	0.205344	-4.86987	0.567777	0.871873	-1.14696	0.00804845	0.446619	-2.23905	12.1179	10.8195	0.793644	1
cg01592662	0.718112	1.03297	1.03297	0.732821	1.03114	1.03114	0.00230971	1.46369	1.46369	0.118178	1.16393	1.16393	6.91061	0.876342	0.112721	1
cg03511282	0.0185615	0.482373	-2.07309	0.000723196	0.268904	-3.7188	0.251444	1.35799	1.35799	0.536892	0.852403	-1.17315	5.45337	5.6334	0.918233	1
cg27086442	0.260573	0.849355	-1.17736	0.000409294	0.457938	-2.1837	0.147303	1.24156	1.24156	0.167845	1.22695	1.22695	5.06107	1.55196	0.272574	1
cg08694802	0.130489	1.18938	1.18938	0.00755354	0.694207	-1.44049	0.00943966	1.41818	1.41818	0.749441	1.03461	1.03461	4.89771	0.874789	0.158766	1
cg26629184	0.971408	0.987922	-1.01223	0.014071	0.357851	-2.79446	0.0054497	3.4538	3.4538	0.225244	0.649338	-1.54003	4.69485	8.54629	1.61809	1
cg23472930	0.432314	0.912333	-1.09609	0.000389648	0.52339	-1.91062	0.132762	0.830516	-1.20407	0.335824	0.892592	-1.12033	4.2259	0.877319	0.184538	1
cg03325843	0.0249339	0.719666	-1.38953	0.000382097	0.496998	-2.01208	4.04E-09	0.0406532	-24.5983	9.92E-07	0.204823	-4.88227	105.101	25.2965	0.213944	1
cg00252282	0.00777145	1.90555	1.90555	0.0599947	0.670143	-1.49222	1.08E-06	11.0318	11.0318	0.00810484	1.89558	1.89558	32.5406	18.339	0.500955	1
cg04245097	0.108847	0.722261	-1.38454	0.0630582	0.677712	-1.47555	1.94E-06	0.11168	-8.95414	0.000708545	0.382925	-2.61147	27.1711	14.8973	0.487358	1
cg19179869	0.21354	0.749876	-1.33355	0.0230156	0.55019	-1.81755	1.64E-05	0.142317	-7.02657	0.0132651	0.509432	-1.96297	23.7912	18.1975	0.679898	1
cg04574480	0.0406685	0.577441	-1.73178	0.709944	1.09069	1.09069	0.000615673	0.293685	-3.40501	0.00151373	0.34588	-2.89118	13.2085	11.2946	0.760092	1
cg25201255	0.00394156	0.218868	-4.56896	0.0120294	0.293187	-3.41079	0.000481004	0.117012	-8.5461	0.0504619	0.417569	-2.39481	8.78763	21.357	2.16031	1
cg21951301	0.117435	1.49828	1.49828	0.788404	1.06605	1.06605	3.93E-05	6.49113	6.49113	0.0321504	1.81611	1.81611	8.61182	7.7106	0.795867	1
cg11607952	0.257573	0.893998	-1.11857	0.00382673	0.690888	-1.44741	0.00242136	1.49263	1.49263	0.0154457	1.32554	1.32554	7.37917	1.05121	0.126628	1
cg01750032	0.126524	0.605096	-1.65263	0.503782	0.813668	-1.229	0.000325484	5.84625	5.84625	0.567974	1.19175	1.19175	5.6592	8.27955	1.30047	1
cg06162475	0.0517696	0.429067	-2.33064	0.0572635	0.439466	-2.27549	0.00196175	0.187682	-5.32816	0.0713833	0.463122	-2.15926	4.77597	11.0534	2.05723	1
cg01919377	0.127414	0.44309	-2.25688	0.208818	0.519841	-1.92367	0.427411	1.49201	1.49201	0.253498	1.80197	1.80197	4.61148	17.809	3.43278	1
cg18770669	0.0313029	1.79374	1.79374	0.0084479	0.459416	-2.17668	0.0433698	1.71152	1.71152	0.708731	0.916867	-1.09067	4.06148	3.44111	0.753116	1
ch.12.158852F	0.0636245	0.311748	-3.20772	0.0718364	0.325205	-3.07498	0.113483	0.381889	-2.61856	0.33263	0.571999	-1.74826	3.83144	18.9572	4.39805	1
cg00182534	0.285089	1.16885	1.16885	0.00256028	0.555541	-1.80005	0.298409	1.16353	1.16353	0.120801	1.26671	1.26671	3.53247	1.10472	0.277985	1
cg21719937	0.0907141	0.395013	-2.53156	0.0401503	0.306721	-3.2603	0.0289615	0.277141	-3.60827	0.593237	0.764366	-1.30827	3.47982	13.6891	3.49675	1
cg04060317	0.295458	0.859559	-1.16339	0.00105001	1.96652	1.96652	6.63E-08	0.0787634	-12.6963	0.000760666	0.490814	-2.03743	57.4238	17.695	0.273909	1
cg06561883	0.749198	1.04192	1.04192	0.233758	0.852308	-1.17328	2.13E-06	0.225402	-4.43652	2.20E-05	0.335877	-2.97728	24.5824	6.38022	0.230706	1
cg14592468	0.10633	0.520991	-1.91942	0.299889	1.48765	1.48765	0.000189048	0.0975332	-10.2529	0.00809293	0.285418	-3.50363	8.41455	18.2169	1.92439	1
cg16854200	0.625943	0.816298	-1.22504	0.488998	1.337	1.337	0.000159165	0.0694501	-14.3988	0.0464831	0.389764	-2.56566	6.88704	18.6219	2.40347	1
cg02554564	0.00681298	0.417018	-2.39798	0.0605523	0.589813	-1.69545	0.000314367	0.232924	-4.29324	0.00718064	0.420684	-2.37708	6.36442	6.27422	0.876291	1
cg19696117	0.905963	0.95121	-1.05129	0.006405	0.222836	-4.4876	0.001142	0.132046	-7.57314	0.0387628	0.363149	-2.75369	5.7993	16.4547	2.52209	1
cg11647944	0.00251528	0.359447	-2.78205	0.293368	1.30448	1.30448	0.0316391	0.540954	-1.84859	0.461178	0.832815	-1.20075	5.46028	5.14256	0.837167	1
cg06582426	0.43296	1.25462	1.25462	0.183748	1.49147	1.49147	0.000645322	0.226755	-4.41005	0.221388	0.694636	-1.4396	5.08814	6.47532	1.13123	1
cg04740359	0.0365653	0.250388	-3.99381	0.00560357	0.125797	-7.94932	0.00225016	0.0873854	-11.4436	0.0795616	0.329842	-3.03175	4.79645	24.6792	4.5736	1
cg04313385	0.018618	0.247892	-4.03402	0.0112932	0.211953	-4.71803	0.0346203	0.299848	-3.33503	0.0334212	0.296646	-3.37102	4.07368	15.4234	3.36543	1
cg19345244	0.435338	1.29868	1.29868	0.277865	1.44852	1.44852	0.122737	1.73176	1.73176	0.255071	1.47726	1.47726	3.68077	6.28579	1.51799	1
cg01377911	0.0099349	0.685703	-1.45836	0.000556324	0.537622	-1.86004	2.46E-05	0.378224	-2.64394	0.424943	1.09901	1.09901	27.1833	5.77976	0.188997	1
cg07470708	0.00732458	0.364814	-2.74112	0.00237836	0.290682	-3.44018	0.002802	0.300832	-3.32411	0.0254584	0.460937	-2.16949	8.61076	11.6007	1.19754	1
cg27288047	0.0230207	0.826389	-1.21008	0.00414178	1.30947	1.30947	0.0730525	0.86916	-1.15054	0.00185964	1.36306	1.36306	7.92681	0.617632	0.0692594	1
cg13977597	0.0603287	0.60417	-1.65516	0.00334205	0.386753	-2.58563	0.0060309	0.425989	-2.34748	0.898279	0.970036	-1.03089	5.51643	4.94332	0.796542	1
cg03189990	3.31E-08	14.4526	14.4526	9.12E-08	10.4534	10.4534	1.77E-09	47.8418	47.8418	0.000517855	2.06798	2.06798	247.331	70.5119	0.253414	1
cg07777694	4.90E-05	8.7657	8.7657	1.81E-06	29.4406	29.4406	2.05E-06	27.8984	27.8984	0.958589	1.01488	1.01488	46.6489	59.8044	1.13957	1
cg23375384	4.85E-06	2.02809	2.02809	0.0142931	0.815012	-1.22698	0.000839026	0.711647	-1.40519	0.294879	1.07633	1.07633	24.2446	1.76028	0.0645377	1
cg04414912	0.382374	0.8662	-1.15447	0.402472	0.871637	-1.14727	0.97656	1.00472	1.00472	0.95116	1.00987	1.00987	11.8206	4.81301	0.361929	1
cg04291014	0.650571	1.13526	1.13526	0.977602	0.99222	-1.00784	0.386389	1.2802	1.2802	0.793874	0.929745	-1.07556	11.6883	14.3262	1.0895	1
cg09294095	0.478489	1.12488	1.12488	0.000653547	0.42604	-2.3472	0.000136029	0.34014	-2.93997	0.144359	1.29186	1.29186	10.3565	4.37468	0.375476	1
cg19761149	0.00734471	1.49532	1.49532	0.00310935	1.60148	1.60148	0.474247	0.918756	-1.08843	0.21788	0.859914	-1.16291	10.0906	2.16655	0.190853	1
cg23520521	0.35024	0.816208	-1.22518	0.294004	0.794612	-1.25848	0.00861999	0.492882	-2.02888	0.596468	1.11948	1.11948	9.48246	6.70001	0.628062	1
cg11328898	0.0557653	0.388654	-2.57298	0.00101237	0.119254	-8.38546	0.000484952	0.0920634	-10.8621	0.170944	0.529545	-1.88841	8.28981	24.9648	2.67689	1
cg23725072	0.0758117	0.543954	-1.83839	0.00988846	0.366288	-2.7301	0.00331431	0.291599	-3.42937	0.0257522	0.442193	-2.26146	8.28019	12.4507	1.3366	1
cg10082354	0.123029	0.616822	-1.62121	0.00285709	0.30513	-3.27729	0.0229773	0.455412	-2.19582	0.0390101	0.501108	-1.99558	7.13172	9.44601	1.17734	1
cg01129262	0.205285	0.710144	-1.40816	0.645628	0.888166	-1.12592	0.173057	1.44969	1.44969	0.219938	0.718655	-1.39149	7.0057	7.27912	0.92358	1
cg13453157	0.0149052	0.611423	-1.63553	0.290438	1.19753	1.19753	0.226004	1.23231	1.23231	0.143977	0.772658	-1.29423	6.82558	2.91825	0.380041	1
cg01712892	0.0296679	1.40079	1.40079	0.000744801	1.9621	1.9621	0.132104	1.23861	1.23861	0.200807	1.19471	1.19471	6.22646	1.70959	0.244061	1
cg27083553	0.0074252	0.660666	-1.51363	0.0429675	1.32311	1.32311	0.422362	1.10353	1.10353	0.578529	0.934768	-1.06978	6.07153	1.38947	0.203423	1
cg21176993	0.221972	0.826545	-1.20986	0.00539477	0.580646	-1.72222	0.00397187	0.562813	-1.77679	0.20263	0.819036	-1.22095	6.01365	2.09781	0.310082	1
cg01057268	0.374748	1.42801	1.42801	0.0518477	0.420943	-2.37562	0.0532475	0.423675	-2.3603	0.0246925	0.351349	-2.84618	5.80107	14.0512	2.15304	1
cg13658713	0.336694	1.13917	1.13917	0.00047331	2.05901	2.05901	0.822681	0.970907	-1.02997	0.640405	0.939989	-1.06384	5.70338	1.563	0.243599	1
cg01262836	0.175622	0.78675	-1.27105	0.516962	0.89635	-1.11564	0.650642	0.926883	-1.07888	0.00986667	0.580955	-1.7213	5.56766	2.44576	0.39047	1
cg23465213	0.347198	1.37066	1.37066	0.0192975	2.51384	2.51384	0.871441	1.05417	1.05417	0.892177	0.956785	-1.04517	5.41027	9.09147	1.4937	1
cg26377630	0.310984	1.39318	1.39318	0.0132945	0.378941	-2.63893	0.0323347	2.20941	2.20941	0.269092	0.694835	-1.43919	5.28254	8.3716	1.40868	1
cg01803766	0.0718802	3.37829	3.37829	0.00191857	14.3169	14.3169	0.00803506	7.82598	7.82598	0.072718	3.36352	3.36352	5.22249	30.3605	5.16748	1
cg15848364	0.111931	1.40225	1.40225	0.0145027	1.8008	1.8008	0.0518472	1.54053	1.54053	0.617116	1.10345	1.10345	5.03571	3.04228	0.537015	1
cg15235707	0.0250682	0.589684	-1.69582	0.130055	0.723203	-1.38274	0.0109098	0.530861	-1.88373	0.198932	1.30866	1.30866	4.96806	3.09012	0.552887	1
cg26058021	0.14801	1.45141	1.45141	0.213192	1.36983	1.36983	0.525958	1.1668	1.1668	0.84343	1.04861	1.04861	4.81858	4.39765	0.81124	1
cg22887491	0.031852	0.558261	-1.79128	0.254492	1.3175	1.3175	0.586627	0.88053	-1.13568	0.415008	1.21299	1.21299	4.5226	3.84675	0.756055	1
cg20161190	0.36252	1.19726	1.19726	0.0382833	1.58701	1.58701	0.746424	1.0644	1.0644	0.914628	0.979583	-1.02084	4.46472	2.61659	0.520942	1
cg05429319	0.735434	0.916059	-1.09163	0.0039497	0.367059	-2.72436	0.691693	0.902092	-1.10853	0.515933	1.18564	1.18564	4.36066	4.61531	0.940797	1
cg12736830	0.376937	0.848035	-1.1792	0.109746	1.37297	1.37297	0.811847	0.957572	-1.04431	0.316404	1.20721	1.20721	4.06682	2.12887	0.465308	1
cg15305578	0.691166	0.918126	-1.08917	0.825279	1.04843	1.04843	0.374138	1.21549	1.21549	0.327787	0.805665	-1.24121	3.765	2.72868	0.644221	1
cg05210558	0.388058	1.39813	1.39813	0.00394789	4.34419	4.34419	0.437304	1.35009	1.35009	0.126385	1.87093	1.87093	3.73001	8.4781	2.0204	1
cg05079547	0.287567	0.750477	-1.33249	0.400692	0.799615	-1.2506	0.0891126	1.62808	1.62808	0.140828	0.66246	-1.50953	3.4255	3.66637	0.951394	1
cg13052068	0.010981	1.49461	1.49461	0.0150834	1.4566	1.4566	0.551821	1.07875	1.07875	0.264107	0.863652	-1.15787	17.8538	4.4841	0.22325	1
cg26122374	0.980712	0.993049	-1.007	0.701512	0.89483	-1.11753	0.55338	0.841135	-1.18887	0.429706	0.792471	-1.26188	4.05878	5.35202	1.17211	1
cg16257533	2.34E-05	0.159948	-6.25204	9.70E-06	0.12684	-7.88393	?	?	?	0.000217232	0.262391	-3.81111	44.5776	29.5217	0.662255	1
cg14151842	0.00297609	2.31668	2.31668	0.00508508	2.14543	2.14543	0.440701	1.17595	1.17595	0.711405	0.926258	-1.07961	15.5287	10.4504	0.598199	1
cg23699196	0.401706	1.08272	1.08272	2.94E-05	0.468401	-2.13492	0.0237482	0.77885	-1.28394	0.00423179	0.701469	-1.42558	14.0578	1.90908	0.120713	1
cg08214060	0.00874637	2.17901	2.17901	0.00383902	2.4811	2.4811	0.978394	0.993705	-1.00634	0.642764	1.11508	1.11508	12.7949	11.0199	0.765572	1
cg15617814	0.311762	0.803578	-1.24443	0.000154109	0.257881	-3.87776	0.00310536	0.429382	-2.32893	0.212994	1.31532	1.31532	11.1482	7.7105	0.614788	1
cg06007395	0.0302799	1.63244	1.63244	0.00831912	1.91364	1.91364	9.54E-05	3.80702	3.80702	0.571692	1.11624	1.11624	10.4147	6.1067	0.521205	1
cg16763885	0.0693033	0.304849	-3.28031	0.00329407	0.0962683	-10.3876	0.00618597	0.124034	-8.06232	0.0147157	0.172873	-5.78458	9.45973	51.2	4.81104	1
cg03115562	0.0237631	0.540147	-1.85135	0.708137	0.917754	-1.08962	0.0460004	1.68524	1.68524	0.0951313	0.658021	-1.51971	7.88685	6.50607	0.733268	1
cg04515154	0.365368	0.843343	-1.18576	0.00489103	1.98032	1.98032	0.0964726	0.715818	-1.397	0.274992	0.812155	-1.23129	7.81448	4.15358	0.472466	1
cg19747968	0.0312781	1.30395	1.30395	0.0658756	1.24204	1.24204	0.403037	0.914039	-1.09405	0.90172	1.01306	1.01306	7.53925	1.31729	0.15531	1
cg16594910	0.00429983	1.60008	1.60008	0.0117937	1.47281	1.47281	0.167517	1.19856	1.19856	0.74014	0.959851	-1.04183	7.29863	1.75195	0.213368	1
cg01465429	0.367207	0.890016	-1.12358	0.00237539	1.70399	1.70399	0.883763	1.01857	1.01857	0.190042	1.19075	1.19075	7.20525	1.80556	0.222746	1
cg10959649	0.352466	1.11904	1.11904	0.000175865	2.11241	2.11241	0.254669	0.869531	-1.15004	0.672562	1.05124	1.05124	6.75079	1.47723	0.19451	1
cg12828462	0.936308	0.981046	-1.01932	0.0213811	0.515769	-1.93885	0.91387	1.02624	1.02624	0.0748048	0.621789	-1.60826	6.0633	5.5054	0.8071	1
cg15585794	0.00128389	0.515813	-1.93869	0.139956	0.799324	-1.25106	0.988032	1.00212	1.00212	0.0316415	1.42671	1.42671	5.30271	1.67073	0.280064	1
cg06217320	0.0598798	2.12722	2.12722	0.24292	0.64762	-1.54412	0.0126982	0.332489	-3.00762	0.0228153	0.379621	-2.63421	4.90283	9.81516	1.7795	1
cg24776656	0.15734	1.66209	1.66209	0.552383	1.22381	1.22381	0.60521	0.839285	-1.19149	0.583824	0.830377	-1.20427	4.9261	7.82881	1.58925	1
cg10996368	0.306965	1.14502	1.14502	0.942321	1.00931	1.00931	0.439677	0.90401	-1.10618	0.729986	1.04536	1.04536	4.73264	1.22897	0.230826	1
cg05445490	0.0860211	1.53668	1.53668	0.00970537	2.0979	2.0979	0.969911	1.00858	1.00858	0.733098	1.0806	1.0806	4.6907	3.81018	0.722031	1
cg02401624	0.783156	0.884042	-1.13117	0.0116094	0.244245	-4.09426	0.516242	0.745233	-1.34186	0.0130357	0.252548	-3.95964	4.59087	14.5125	2.80992	1
cg15159131	0.281774	1.44376	1.44376	0.160552	1.63582	1.63582	0.983404	1.00685	1.00685	0.552991	0.821153	-1.2178	4.46859	7.6286	1.51748	1
cg27324823	0.238157	0.688469	-1.4525	0.104578	1.7091	1.7091	0.165403	1.56359	1.56359	0.321582	0.733907	-1.36257	4.39884	6.35872	1.28493	1
cg14778531	0.0169962	1.51349	1.51349	0.0210757	1.48441	1.48441	0.170212	0.812217	-1.2312	0.416523	0.88849	-1.12551	4.32288	1.38803	0.285413	1
cg05184519	0.0436916	0.478518	-2.08979	0.999252	0.999702	-1.0003	0.65556	1.15339	1.15339	0.0217668	0.416706	-2.39978	3.95817	6.33385	1.4224	1
cg23692386	0.584323	0.888616	-1.12535	0.00414188	0.439701	-2.27427	0.564806	0.883023	-1.13247	0.230361	0.764164	-1.30862	3.76951	2.72766	0.643211	1
cg08097520	0.853983	0.904452	-1.10564	0.0114707	0.178326	-5.6077	0.831241	1.12337	1.12337	0.778528	0.857534	-1.16614	3.75839	17.6877	4.18327	1
cg15131519	0.893748	0.983869	-1.0164	0.00156493	1.73849	1.73849	0.0795295	0.789109	-1.26725	0.536284	0.926616	-1.0792	3.74514	0.878505	0.208509	1
cg25724515	0.857425	0.94634	-1.0567	0.0161734	0.405618	-2.46538	0.120406	0.596516	-1.6764	0.0244032	0.439299	-2.27636	3.65915	5.45125	1.32423	1
cg13686857	0.175429	0.430985	-2.32027	0.0131246	0.165832	-6.0302	0.0578155	0.285671	-3.50053	0.0735861	0.31186	-3.20657	3.52015	19.0239	4.8038	1
cg09364022	0.0528049	2.31324	2.31324	0.0117262	3.31889	3.31889	0.0394815	2.47799	2.47799	0.21693	1.64047	1.64047	3.40224	7.82187	2.04358	1
cg11965370	1.04E-06	3.59972	3.59972	0.102053	0.835951	-1.19624	0.838805	0.979811	-1.0206	0.0358728	1.27693	1.27693	26.4231	4.19582	0.14115	1
cg07072722	0.00578867	3.90932	3.90932	?	?	?	0.133314	0.542969	-1.84173	0.00854311	3.54461	3.54461	4.71565	9.44179	2.00222	1
cg20860533	0.633791	0.947324	-1.05561	0.0004561	1.86369	1.86369	8.77E-06	2.96846	2.96846	0.0794881	1.24542	1.24542	31.5357	6.34958	0.178974	1
cg09935792	0.256496	1.153	1.153	0.000538685	1.90988	1.90988	0.8824	1.01795	1.01795	0.695402	0.953802	-1.04844	26.8969	6.15532	0.203421	1
cg15370309	0.0212049	0.394495	-2.53489	0.00178761	0.224835	-4.44771	0.00503686	0.287805	-3.47458	0.00206067	0.23287	-4.29423	10.6068	18.9361	1.58692	1
cg26916916	0.0149626	0.147248	-6.79125	0.0132117	0.13991	-7.14746	0.0431085	0.225359	-4.43736	0.0095496	0.122256	-8.17953	6.98791	45.3732	5.77164	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20705392	NTN1	0.0085184	0.0386104	1.49378	1.49378	0.0427311	1.4781	1.4781	0.507816	1.11913	1.11913	0.0225134	1.58056	1.58056	0.167641	1.27938	1.27938
cg19711783	NTN1	0.0110668	0.113925	0.791318	-1.26371	0.701441	0.948925	-1.05382	0.0539942	1.34674	1.34674	0.0691737	0.758268	-1.3188	0.175887	0.822125	-1.21636
cg12503257	NTN1	0.0169395	0.586979	0.844468	-1.18418	0.294895	0.715478	-1.39767	0.451968	1.2664	1.2664	0.0751406	0.542939	-1.84183	0.447737	0.787828	-1.26931
cg19441674	NTN1	0.0179159	0.0735101	0.526593	-1.899	0.854949	1.06058	1.06058	0.832535	1.07043	1.07043	0.0937297	1.80834	1.80834	0.00059537	0.182023	-5.49382
cg01463565	NTN1	0.0194876	0.365815	0.814926	-1.22711	0.251452	1.30202	1.30202	0.502824	1.16158	1.16158	0.376828	0.818932	-1.2211	0.663765	0.90815	-1.10114
cg02346492	NTN1	0.0220212	0.0330477	17.7265	17.7265	0.0690973	10.4457	10.4457	0.184954	5.06198	5.06198	0.0798051	9.41641	9.41641	0.0136369	33.774	33.774
cg06818052	NTN1	0.024085	0.114514	2.50661	2.50661	0.0934154	2.68548	2.68548	0.694827	1.23501	1.23501	0.334407	1.70397	1.70397	0.0321854	3.83109	3.83109
cg02481697	NTN1	0.0252164	0.0085642	0.0959146	-10.4259	0.0156239	0.125943	-7.94013	0.234998	0.418928	-2.38705	0.134312	0.323496	-3.09123	0.00562801	0.0788461	-12.6829
cg01862363	NTN1	0.0267209	0.0137732	0.0722788	-13.8353	0.0136743	0.0719906	-13.8907	0.099113	0.210144	-4.75865	0.180478	0.29315	-3.41123	0.00950713	0.0587431	-17.0233
cg01449663	NTN1	0.0317992	0.24613	0.861348	-1.16097	0.0736106	1.27817	1.27817	0.638123	1.06003	1.06003	0.705025	0.954279	-1.04791	0.205887	0.848569	-1.17845
cg08547691	NTN1	0.0382204	0.0423802	24.7108	24.7108	0.11782	10.279	10.279	0.29924	4.37555	4.37555	0.098897	11.9689	11.9689	0.0343593	29.5543	29.5543
cg19788727	NTN1	0.0432964	0.0145915	0.0635487	-15.736	0.0223753	0.0814826	-12.2726	0.324195	0.39342	-2.54182	0.113947	0.206878	-4.83377	0.00852786	0.0461669	-21.6605
cg19192101	NTN1	0.0461686	0.0120684	7.60761	7.60761	0.0295859	5.26227	5.26227	0.253526	2.16638	2.16638	0.0515468	4.20677	4.20677	0.0901465	3.35607	3.35607
cg13874654	NTN1	0.0496728	0.107576	0.448906	-2.22764	0.0299788	0.312091	-3.20419	0.55873	0.76362	-1.30955	0.46397	0.711809	-1.40487	0.00683675	0.202347	-4.942
cg01337429	NTN3	0.00283412	0.624032	0.886804	-1.12765	0.98804	1.00365	1.00365	0.715186	0.914737	-1.09321	0.491234	1.18533	1.18533	0.000132326	0.199454	-5.01369
cg03190267	NTN3	0.00479199	0.00250727	0.376821	-2.65378	0.805987	0.944398	-1.05888	0.0091161	0.462943	-2.16009	0.00516587	2.35939	2.35939	0.0726889	0.627815	-1.59283
cg22721827	NTN3	0.0130373	0.00555203	0.190185	-5.25805	0.00593932	0.194176	-5.14997	0.0447484	0.350085	-2.85645	0.221061	0.556537	-1.79683	0.0350408	0.326663	-3.06126
cg16668534	NTN3	0.0270712	0.789295	1.0557	1.0557	0.00318648	2.25928	2.25928	0.00496359	2.12288	2.12288	0.342503	0.820431	-1.21887	0.313499	0.809798	-1.23488
cg22536398	NTN3;NTN3	0.0174225	0.112044	0.532312	-1.8786	0.000922347	0.164715	-6.0711	0.00170862	0.195549	-5.11381	0.290707	0.670624	-1.49115	0.280912	0.66472	-1.50439
cg19013339	NTN4	0.000216004	0.00607343	0.589612	-1.69603	0.000342493	0.427342	-2.34005	5.64E-06	0.221064	-4.52358	0.250973	0.837891	-1.19347	0.00981723	0.617966	-1.61821
cg14280382	NTN4	0.000458429	0.000213652	0.373084	-2.68036	0.996631	1.00067	1.00067	4.67E-05	0.293795	-3.40374	0.0269291	0.6585	-1.5186	0.126746	0.768462	-1.3013
cg24790471	NTN4	0.00137187	0.448923	0.948697	-1.05408	0.756245	1.02143	1.02143	0.403603	0.943303	-1.06011	0.109547	1.12788	1.12788	0.117144	1.12449	1.12449
cg04923773	NTN4	0.00148564	0.38239	0.898315	-1.1132	0.0713095	0.785743	-1.27268	7.50E-05	0.42296	-2.36429	0.346671	0.890472	-1.123	0.145734	1.2056	1.2056
cg14189750	NTN4	0.0128999	0.897629	0.979892	-1.02052	0.0558284	0.710409	-1.40764	0.0182333	1.57188	1.57188	0.204033	1.23558	1.23558	0.0356199	0.67979	-1.47104
cg25367249	NTN4	0.0131288	0.018328	0.267463	-3.73884	0.00378022	0.165278	-6.0504	0.00245288	0.143515	-6.9679	0.141443	0.48265	-2.07189	0.0147177	0.250786	-3.98747
cg10205146	NTN4	0.0156333	0.919206	1.02701	1.02701	0.0772202	0.596815	-1.67556	0.000617821	0.250422	-3.99326	0.149202	0.666074	-1.50133	0.923011	1.02572	1.02572
cg08535361	NTN4	0.0208126	0.396613	0.779517	-1.28285	0.602823	0.86016	-1.16258	0.000658547	0.223722	-4.46983	0.517659	0.82844	-1.20709	0.0293609	0.478852	-2.08833
cg15367106	NTN4	0.0263282	0.00664143	0.560098	-1.7854	0.681828	1.07018	1.07018	0.73869	1.05663	1.05663	0.235747	1.22686	1.22686	0.0094471	0.582022	-1.71815
cg12785090	NTN4	0.0307147	0.193167	0.743586	-1.34483	0.421448	0.838041	-1.19326	0.718354	0.925036	-1.08104	0.182095	1.35622	1.35622	0.00857644	0.486087	-2.05725
cg27008631	NTN5;SEC1	0.000207558	0.864862	1.0227	1.0227	0.0324261	1.39095	1.39095	0.068941	0.764755	-1.30761	0.000349161	2.13303	2.13303	0.0220873	0.69651	-1.43573
cg02446487	NTN5;SEC1	0.00526098	0.0101728	2.05865	2.05865	0.0329851	1.7429	1.7429	0.473571	0.850109	-1.17632	0.0208149	1.8586	1.8586	0.393999	0.823234	-1.21472
cg21658372	NTN5;SEC1	0.00696578	0.360922	0.812714	-1.23045	0.446924	0.842683	-1.18669	0.00276107	0.40184	-2.48855	0.0166713	0.524472	-1.90668	0.000520647	0.302778	-3.30275
cg05667101	NTN5;SEC1	0.0308973	0.303695	0.832873	-1.20066	0.024356	0.63089	-1.58506	0.0627786	0.698088	-1.43248	0.0138942	0.593487	-1.68496	0.808716	0.95922	-1.04251
cg13771219	NTN5;SEC1	0.0480607	0.387991	0.802003	-1.24688	0.612444	0.880387	-1.13586	0.00441414	0.387656	-2.5796	0.984051	1.005	1.005	0.168923	0.693841	-1.44125
cg06626591	NTNG1;NTNG1;NTNG1	0.00126554	0.0423288	0.63746	-1.56873	0.136018	1.36249	1.36249	0.111607	0.716305	-1.39605	0.23169	0.785423	-1.2732	3.02E-05	0.207889	-4.81027
cg19863563	NTNG1;NTNG1;NTNG1	0.0013764	0.88364	1.02941	1.02941	0.00183066	0.416361	-2.40176	0.00180739	0.415582	-2.40626	0.229269	1.28361	1.28361	0.0015915	2.45173	2.45173
cg19088627	NTNG1;NTNG1;NTNG1	0.00220817	0.000180711	0.300559	-3.32714	0.0337419	0.624781	-1.60056	0.00231938	0.446174	-2.24128	0.0230605	0.597189	-1.67451	0.200127	0.773569	-1.29271
cg02636497	NTNG1;NTNG1;NTNG1	0.00277613	0.584377	1.12004	1.12004	0.00125604	2.62917	2.62917	0.00901489	1.97656	1.97656	0.00197475	0.407725	-2.45263	0.125622	0.711664	-1.40516
cg22516643	NTNG1;NTNG1;NTNG1	0.00802739	0.543132	1.17796	1.17796	0.106239	1.59908	1.59908	0.331868	0.766135	-1.30525	0.145353	1.51601	1.51601	0.221075	0.710135	-1.40818
cg09508770	NTNG1;NTNG1;NTNG1	0.0125286	0.28445	1.71257	1.71257	0.0169146	0.235314	-4.24965	0.721441	0.84171	-1.18806	0.00103591	0.0825004	-12.1211	0.0145858	0.223981	-4.46466
cg07470367	NTNG1;NTNG1;NTNG1	0.0150053	0.0133702	1.69229	1.69229	0.426817	0.869955	-1.14948	0.00321257	0.501327	-1.99471	0.565014	0.90495	-1.10503	0.0345967	1.52661	1.52661
cg17515145	NTNG1;NTNG1;NTNG1	0.0181575	0.636881	0.858991	-1.16416	0.679274	1.14213	1.14213	0.156996	0.616421	-1.62227	0.111745	1.7396	1.7396	0.0557866	0.500223	-1.99911
cg05462312	NTNG1;NTNG1;NTNG1	0.0186698	0.304813	0.609818	-1.63983	0.0900235	0.419093	-2.38611	0.015484	0.251003	-3.98402	0.385093	0.660699	-1.51355	0.00100585	0.103098	-9.69955
cg07343335	NTNG1;NTNG1;NTNG1	0.0353867	0.0191265	0.261191	-3.82862	0.00551855	0.177837	-5.62314	0.360167	0.64057	-1.56111	0.977662	1.01334	1.01334	0.00475015	0.169438	-5.90187
cg14787581	NTNG1;NTNG1;NTNG1	0.0391375	0.0513674	0.266206	-3.75649	0.098617	0.339408	-2.94631	0.0393842	0.241252	-4.14505	0.0139275	0.163266	-6.12497	0.00874239	0.136304	-7.33656
cg09822538	NTNG1;NTNG1;NTNG1;NTNG1;NTNG1;NTNG1	0.004737	0.00101749	0.595407	-1.67952	0.113192	1.20134	1.20134	0.00165069	1.61494	1.61494	0.0553149	0.793613	-1.26006	0.601625	0.945491	-1.05765
cg20170831	NTNG1;NTNG1;NTNG1;NTNG1;NTNG1;NTNG1	0.0494063	0.0316907	0.748246	-1.33646	0.546426	1.07281	1.07281	0.216139	1.16171	1.16171	0.284125	0.879736	-1.1367	0.247216	1.1495	1.1495
cg03653026	NTNG2	0.00106147	0.00163912	0.249287	-4.01144	0.033817	0.466087	-2.14552	0.000747377	0.206783	-4.836	0.140287	1.63026	1.63026	0.0319076	0.460915	-2.1696
cg13672736	NTNG2	0.0067192	0.30676	0.470558	-2.12514	0.14094	0.323615	-3.09009	0.00758393	0.086577	-11.5504	0.0436231	0.191527	-5.2212	0.00101212	0.0309774	-32.2816
cg02502361	NTNG2	0.00745496	0.00511838	0.252528	-3.95996	0.00253417	0.210297	-4.75518	0.00538415	0.255784	-3.90954	0.00459797	0.245728	-4.06954	0.00645167	0.267671	-3.73592
cg02503824	NTNG2	0.00869498	0.0312097	0.716284	-1.39609	0.350155	1.13534	1.13534	0.208663	1.19117	1.19117	0.0408532	0.732304	-1.36555	0.765052	0.961214	-1.04035
cg14518098	NTNG2	0.0111387	0.169473	0.615075	-1.62582	0.27669	0.686803	-1.45602	0.0696588	0.509801	-1.96155	0.768525	0.906648	-1.10296	0.000275241	0.138338	-7.2287
cg09477758	NTNG2	0.0155499	0.10871	0.637973	-1.56747	0.15076	0.673261	-1.48531	0.996505	1.00113	1.00113	0.000777687	3.69225	3.69225	0.692213	1.10762	1.10762
cg08108641	NTNG2	0.0169473	0.327339	0.741493	-1.34863	0.107247	1.6821	1.6821	0.692769	1.12464	1.12464	0.967216	1.01223	1.01223	0.000810086	0.224391	-4.45651
cg13951272	NTNG2	0.03382	0.047823	0.266669	-3.74997	0.463713	1.546	1.546	0.21637	0.4677	-2.13812	0.253553	0.49831	-2.00678	0.0129177	0.164844	-6.06634
cg16785690	NTNG2	0.0338202	0.0654188	0.657757	-1.52032	0.715406	1.077	1.077	0.0764456	1.4907	1.4907	0.0584685	0.648515	-1.54198	0.0402708	0.618796	-1.61604
cg10290373	NTNG2	0.0405376	0.281187	0.877576	-1.1395	0.176335	1.18246	1.18246	0.14535	1.19999	1.19999	0.121205	1.21642	1.21642	0.490513	1.08508	1.08508
cg09496695	NTNG2	0.0430549	0.252983	1.1855	1.1855	0.0750006	1.32657	1.32657	0.426284	1.12275	1.12275	0.0169451	0.660282	-1.5145	0.0581166	0.736954	-1.35694
cg11177059	NTRK1	0.00885195	0.434285	1.17422	1.17422	0.0502728	1.56713	1.56713	0.607342	0.900918	-1.10998	0.0259421	1.70265	1.70265	0.100931	1.43568	1.43568
cg18649438	NTRK1;INSRR	0.00025662	0.0676461	0.606959	-1.64756	8.30E-06	10.7064	10.7064	0.169579	0.69987	-1.42884	0.0201861	0.504964	-1.98034	0.0302424	0.537201	-1.8615
cg02049180	NTRK1;INSRR	0.00101538	0.0425179	1.39773	1.39773	0.24573	1.19011	1.19011	0.154348	0.803662	-1.2443	0.0779204	1.32424	1.32424	0.28152	1.17404	1.17404
cg04704219	NTRK1;INSRR	0.00368527	0.203743	1.45525	1.45525	0.176716	1.49428	1.49428	0.781643	1.08081	1.08081	0.999993	1	1	0.107409	0.611739	-1.63468
cg24845595	NTRK1;INSRR	0.00896757	0.00759677	8.72779	8.72779	0.0210388	5.76291	5.76291	0.133726	2.77506	2.77506	0.0884227	3.27481	3.27481	0.00649646	9.32208	9.32208
cg16438688	NTRK1;INSRR	0.0184724	0.0292922	6.88663	6.88663	0.0181524	8.63475	8.63475	0.11388	3.64215	3.64215	0.121417	3.53213	3.53213	0.036663	6.19941	6.19941
cg03888033	NTRK1;INSRR	0.0302787	0.0119457	3.39034	3.39034	0.215698	1.66064	1.66064	0.0113077	3.43758	3.43758	0.248696	1.59895	1.59895	0.16317	1.78491	1.78491
cg20673279	NTRK1;INSRR;NTRK1;NTRK1	0.000810688	0.850895	1.0381	1.0381	6.23E-06	7.44422	7.44422	0.336156	1.21784	1.21784	0.914713	1.02152	1.02152	0.511868	1.14134	1.14134
cg03438943	NTRK1;INSRR;NTRK1;NTRK1	0.00172126	0.205832	0.627096	-1.59465	4.72E-05	14.6131	14.6131	0.56517	1.22546	1.22546	0.453212	0.765534	-1.30628	0.254895	0.659904	-1.51537
cg18534318	NTRK1;INSRR;NTRK1;NTRK1	0.011943	0.769325	0.872942	-1.14555	0.000309461	14.9542	14.9542	0.0790867	2.46189	2.46189	0.488399	0.722339	-1.38439	0.641389	0.805131	-1.24203
cg12995941	NTRK1;INSRR;NTRK1;NTRK1	0.0123361	0.761076	0.862751	-1.15908	0.0003574	16.0098	16.0098	0.445303	1.45738	1.45738	0.486102	0.709928	-1.40859	0.5205	0.729569	-1.37067
cg03055346	NTRK1;INSRR;NTRK1;NTRK1	0.0151856	0.0970791	0.672835	-1.48625	0.00106542	2.86485	2.86485	0.816874	0.950779	-1.05177	0.310122	0.7957	-1.25676	0.0808548	0.656234	-1.52385
cg03610604	NTRK1;NTRK1;NTRK1	0.00381676	0.336505	1.31459	1.31459	0.166214	1.50304	1.50304	0.1774	1.48538	1.48538	0.736941	0.911144	-1.09752	0.046017	0.531983	-1.87976
cg01441387	NTRK1;NTRK1;NTRK1	0.00395054	0.301947	1.54463	1.54463	0.0108261	3.67358	3.67358	0.00246035	0.180446	-5.54181	0.469027	1.34918	1.34918	0.000450061	0.105467	-9.48164
cg24867618	NTRK1;NTRK1;NTRK1	0.0144595	0.200047	0.624413	-1.6015	0.212601	0.63336	-1.57888	0.00565982	0.282806	-3.53599	0.277449	0.675065	-1.48134	0.00110635	0.187755	-5.32609
cg12039611	NTRK1;SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A	0.022955	0.0134473	0.299463	-3.33931	0.26259	0.631146	-1.58442	0.0165685	0.31564	-3.16816	0.00972169	0.275647	-3.62783	0.0173391	0.319258	-3.13227
cg12499211	NTRK1;SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A	0.0417894	0.0992103	0.458192	-2.18249	0.104345	0.464543	-2.15265	0.00969595	0.243388	-4.10866	0.0164769	0.282131	-3.54445	0.0147903	0.273855	-3.65156
cg13620631	NTRK2;NTRK2;NTRK2	0.00286136	0.000707589	0.2572	-3.88803	0.00772617	0.406382	-2.46074	0.0272872	0.502909	-1.98843	0.010291	0.427043	-2.34169	0.00106324	0.279921	-3.57244
cg03628748	NTRK2;NTRK2;NTRK2;NTRK2;NTRK2	0.000700397	0.963391	1.00382	1.00382	0.00900002	0.758973	-1.31757	8.59E-05	1.79606	1.79606	0.713629	0.969856	-1.03108	0.00797772	1.3263	1.3263
cg13723118	NTRK2;NTRK2;NTRK2;NTRK2;NTRK2;NTRK2;NTRK2;NTRK2	0.00998729	0.528085	1.09833	1.09833	0.746002	1.04884	1.04884	0.351795	1.15095	1.15095	0.569279	1.08805	1.08805	0.471041	0.898006	-1.11358
cg00786657	NTRK3;NTRK3	0.000609588	0.000352854	0.556153	-1.79807	0.059741	0.804803	-1.24254	0.000636043	1.70963	1.70963	0.469854	0.9276	-1.07805	0.554983	0.940793	-1.06293
cg12710376	NTRK3;NTRK3	0.00990955	0.183213	0.794074	-1.25933	0.0503648	1.43936	1.43936	0.13439	1.30156	1.30156	0.00394455	0.530908	-1.88356	0.0061422	1.79273	1.79273
cg21956337	NTRK3;NTRK3;NTRK3	0.000362922	0.0540178	0.513563	-1.94718	0.98646	1.00518	1.00518	0.21712	1.48538	1.48538	7.23E-05	0.110629	-9.03923	0.154763	0.628748	-1.59046
cg20664238	NTRK3;NTRK3;NTRK3	0.00220283	0.00439936	0.606361	-1.64918	0.000501755	0.488721	-2.04616	0.0110947	0.657712	-1.52042	0.0126976	0.665311	-1.50306	0.716296	1.04919	1.04919
cg11742207	NTRK3;NTRK3;NTRK3	0.00679927	0.101217	0.715235	-1.39814	0.976959	0.994622	-1.00541	0.191623	0.772479	-1.29453	0.0432069	0.647713	-1.54389	0.0386297	0.639351	-1.56409
cg09902251	NTRK3;NTRK3;NTRK3	0.0185687	0.423241	0.852605	-1.17288	0.426898	0.853721	-1.17134	0.271445	0.79996	-1.25006	0.28936	0.807022	-1.23912	0.00200897	0.427498	-2.33919
cg08921491	NTRK3;NTRK3;NTRK3	0.0278435	0.099686	0.412623	-2.42352	0.000942869	0.0889402	-11.2435	0.0270904	0.277007	-3.61002	0.699253	0.826581	-1.2098	0.265197	0.565708	-1.7677
cg10251550	NTRK3;NTRK3;NTRK3	0.0302681	0.33919	0.864572	-1.15664	0.0309595	0.682452	-1.4653	0.0233223	0.663641	-1.50684	0.552692	0.91533	-1.0925	0.363194	0.871114	-1.14796
cg20041152	NTRK3;NTRK3;NTRK3	0.0483131	0.330737	1.31012	1.31012	0.00298599	2.99313	2.99313	0.0133467	2.28181	2.28181	0.673258	0.892122	-1.12092	0.70864	0.903904	-1.10631
cg14871138	NTSR1	4.94E-05	0.00391784	0.494241	-2.0233	0.00495875	1.96456	1.96456	0.00195554	0.451669	-2.21401	0.0298296	1.59043	1.59043	8.74E-06	0.173364	-5.76822
cg02216247	NTSR1	0.000193679	0.0318351	0.559555	-1.78713	0.0627871	0.616819	-1.62122	0.0417855	0.581842	-1.71868	0.0155043	1.98425	1.98425	0.000266153	0.251165	-3.98144
cg16430535	NTSR1	0.00101604	0.00653087	0.486136	-2.05704	0.10596	0.697409	-1.43388	0.0965315	0.689083	-1.4512	0.0366615	0.609259	-1.64134	0.000305415	0.302073	-3.31046
cg11877251	NTSR1	0.00516976	0.798422	0.909331	-1.09971	0.00100689	6.12698	6.12698	0.04132	2.39661	2.39661	0.335713	1.44582	1.44582	0.816525	0.917305	-1.09015
cg03567830	NTSR1	0.0105682	0.916175	1.05471	1.05471	0.00302745	7.81255	7.81255	0.0512006	3.07488	3.07488	0.267194	1.79459	1.79459	0.986537	0.9915	-1.00857
cg24235518	NTSR1	0.0111402	0.0272268	0.40416	-2.47427	0.00294703	4.11749	4.11749	0.283657	0.679684	-1.47127	0.0449196	0.450296	-2.22076	0.660966	0.858139	-1.16531
cg13292703	NTSR1	0.0134936	0.301151	0.771534	-1.29612	0.00568571	2.40655	2.40655	0.103689	0.649974	-1.53852	0.203449	0.722524	-1.38404	0.856334	1.04485	1.04485
cg09893588	NTSR1	0.0406447	0.0109188	0.11169	-8.95337	0.418384	1.73108	1.73108	0.290506	2.07446	2.07446	0.906669	1.08067	1.08067	?	?	?
cg02658437	NTSR1	0.0461498	0.911558	1.03824	1.03824	0.180637	1.61618	1.61618	0.77534	0.907891	-1.10145	0.0364958	2.2724	2.2724	0.815075	1.08233	1.08233
cg08678514	NTSR1;NTSR1	6.24E-06	0.319269	1.03553	1.03553	0.106145	1.06169	1.06169	0.00676151	0.887732	-1.12647	0.347906	1.03333	1.03333	0.949048	0.997835	-1.00217
cg00254133	NTSR1;NTSR1	0.0323614	0.335125	2.38591	2.38591	0.0084939	18.8945	18.8945	0.558205	0.595695	-1.67871	0.021834	0.0900314	-11.1072	0.134885	0.244113	-4.09646
cg04141164	NTSR2	0.00253457	0.00734287	3.93339	3.93339	0.000767916	7.53086	7.53086	0.409766	1.39666	1.39666	0.641896	1.20395	1.20395	0.00272856	5.1536	5.1536
cg24421094	NTSR2	0.0160616	0.00583895	0.408442	-2.44833	0.457281	1.20659	1.20659	0.610971	1.13572	1.13572	0.795767	1.06646	1.06646	0.482862	1.19354	1.19354
cg07893252	NTSR2	0.0189144	0.0261964	1.4517	1.4517	0.32768	1.15348	1.15348	0.000638552	2.09799	2.09799	0.852312	1.02669	1.02669	0.49274	0.90624	-1.10346
cg07258474	NTSR2	0.0192782	0.0298224	3.27292	3.27292	0.0440551	2.9243	2.9243	0.342799	1.57348	1.57348	0.557233	1.31695	1.31695	0.27635	1.6907	1.6907
cg23690737	NTSR2	0.0257349	0.699724	1.07322	1.07322	0.811272	0.957323	-1.04458	0.164712	0.763185	-1.3103	0.746872	0.942663	-1.06082	0.00675308	0.527165	-1.89694
cg25572459	NUAK1	4.07E-05	5.11E-05	0.257944	-3.87681	0.0361247	1.54541	1.54541	0.80745	1.04458	1.04458	0.836434	0.963748	-1.03762	1.63E-06	0.116113	-8.61229
cg15791180	NUAK1	0.000358597	0.000152089	0.319546	-3.12944	0.674852	0.9286	-1.07689	0.000131595	0.311942	-3.20572	0.283225	0.822208	-1.21624	0.000108229	0.301779	-3.31369
cg06656005	NUAK1	0.000647462	0.635005	0.876381	-1.14106	0.000337114	0.202958	-4.92714	0.00210395	0.303154	-3.29865	0.023699	0.47466	-2.10677	0.0100639	0.408095	-2.45041
cg06773873	NUAK1	0.000726006	0.00187759	0.632841	-1.58017	0.196439	0.867841	-1.15228	0.00129838	0.614953	-1.62614	0.594861	0.94582	-1.05728	0.11652	0.837788	-1.19362
cg02518216	NUAK1	0.00402928	0.00676514	0.565089	-1.76963	0.00527557	0.549888	-1.81855	0.703275	1.0642	1.0642	0.126812	0.764513	-1.30802	0.0017213	0.48321	-2.0695
cg20060685	NUAK1	0.00572193	0.778265	0.936718	-1.06756	0.000417777	0.27368	-3.6539	0.516506	1.16454	1.16454	0.560624	1.14598	1.14598	0.388081	0.814765	-1.22735
cg05569161	NUAK1	0.0127077	0.174013	0.857414	-1.1663	0.439903	1.0874	1.0874	0.0135585	1.38398	1.38398	0.482123	1.07895	1.07895	0.287747	1.12458	1.12458
cg19698789	NUAK1	0.0199861	0.0266399	0.614713	-1.62678	0.00550104	1.96602	1.96602	0.534163	1.12369	1.12369	0.0736624	0.691182	-1.4468	0.0280314	0.618351	-1.6172
cg17393917	NUAK1	0.024891	0.0932466	0.500235	-1.99906	0.0382215	2.46226	2.46226	0.799499	1.10019	1.10019	0.274317	0.652643	-1.53223	0.0605942	0.452169	-2.21156
cg22574569	NUAK1	0.0272786	0.174473	1.18662	1.18662	0.0375126	0.751338	-1.33096	0.0265484	1.3654	1.3654	0.113255	1.2265	1.2265	0.10189	1.23627	1.23627
cg05687834	NUAK1	0.0464243	0.00940837	0.256562	-3.89769	0.400733	0.700866	-1.42681	0.0410449	2.64917	2.64917	0.527576	0.7676	-1.30276	0.121001	0.499168	-2.00333
cg13420366	NUAK2	0.00160892	0.0501819	0.602075	-1.66092	0.128614	0.688521	-1.45239	0.228442	0.750332	-1.33274	0.366214	0.809816	-1.23485	1.53E-05	0.130842	-7.64283
cg20001087	NUAK2	0.00461647	0.0413606	0.628303	-1.59159	0.0753835	0.67637	-1.47848	0.00082485	0.369712	-2.70481	0.27852	0.800468	-1.24927	0.000283237	0.309877	-3.22709
cg21944749	NUAK2;NUAK2	0.0277555	0.725406	0.937682	-1.06646	0.0144979	1.73252	1.73252	0.0254768	1.62327	1.62327	0.661087	0.922659	-1.08382	0.113762	1.36883	1.36883
cg02217041	NUB1	2.21E-05	5.94E-06	0.307727	-3.24963	0.355253	1.11656	1.11656	0.413228	1.10184	1.10184	0.353528	0.895233	-1.11703	3.16E-06	0.277661	-3.60151
cg09765709	NUB1	4.95E-05	0.420175	0.930602	-1.07457	1.38E-05	0.452539	-2.20976	0.244932	1.11206	1.11206	2.04E-05	0.471517	-2.12081	2.62E-05	0.483578	-2.06792
cg21639188	NUB1	0.000118497	0.00195208	0.310966	-3.21579	0.0236354	0.486466	-2.05564	0.0013402	0.288527	-3.46587	0.00307926	0.339449	-2.94595	9.79E-06	0.0792132	-12.6242
cg25269643	NUB1	0.000956904	0.171618	0.76889	-1.30058	0.000740189	0.396406	-2.52267	0.000199804	0.323781	-3.08851	0.150718	1.32065	1.32065	0.000840886	0.40375	-2.47678
cg03480605	NUB1	0.000986329	0.000207071	4.24033	4.24033	0.00281765	0.384102	-2.60348	0.357655	0.80253	-1.24606	0.626887	1.12066	1.12066	0.810948	0.945797	-1.05731
cg07928541	NUB1	0.00218921	0.18586	0.879221	-1.13737	0.191738	0.880892	-1.13521	0.000107158	0.534163	-1.87209	0.493163	0.938132	-1.06595	0.00467352	0.70814	-1.41215
cg19661819	NUB1	0.00433364	0.0869959	0.78771	-1.2695	0.494295	0.916097	-1.09159	0.0138137	0.680992	-1.46845	0.758853	0.961869	-1.03964	0.488377	0.914959	-1.09295
cg03898562	NUB1	0.00495536	0.449534	1.14428	1.14428	0.0382311	1.52207	1.52207	0.606489	1.09513	1.09513	0.933098	1.01479	1.01479	0.430692	0.868771	-1.15105
cg17087899	NUB1	0.00583534	0.165954	1.28737	1.28737	0.728809	1.06132	1.06132	0.000989632	2.30908	2.30908	0.569445	1.1033	1.1033	0.306329	0.834362	-1.19852
cg08134068	NUB1	0.00951373	0.161123	1.63094	1.63094	0.14597	0.60016	-1.66622	0.0308181	0.431004	-2.32016	0.741371	0.898339	-1.11317	0.0554887	2.04646	2.04646
cg09941367	NUB1	0.0124581	0.129721	0.488039	-2.04902	0.60064	0.793361	-1.26046	0.0690936	0.410089	-2.4385	0.0188363	0.287387	-3.47963	0.0199009	0.291802	-3.42698
cg11350520	NUB1	0.0215994	0.166836	1.24854	1.24854	0.0013428	0.495721	-2.01726	0.163882	0.799527	-1.25074	0.0973105	1.31525	1.31525	0.162926	1.25146	1.25146
cg19553910	NUB1	0.0234821	0.113177	1.62101	1.62101	0.0120378	2.40484	2.40484	0.00229887	3.29982	3.29982	0.0302546	2.04175	2.04175	0.38328	1.28468	1.28468
cg17067889	NUB1	0.0310606	0.00309012	1.81969	1.81969	0.279485	0.846844	-1.18086	0.104703	1.29978	1.29978	0.577672	0.9202	-1.08672	0.667424	0.938086	-1.066
cg06666466	NUB1	0.0440076	0.044725	0.427137	-2.34117	0.0121699	0.315536	-3.16921	0.0342978	0.401892	-2.48823	0.388372	0.721549	-1.38591	0.0296019	0.388498	-2.57402
cg09079882	NUBP1	0.00139832	0.0096328	0.383761	-2.60579	0.000284636	0.176846	-5.65464	0.019512	0.438175	-2.28219	0.375208	0.766422	-1.30476	0.000942249	0.236501	-4.22831
cg02299909	NUBP1	0.00288029	0.675591	0.901556	-1.10919	0.777929	1.0721	1.0721	0.000655227	0.276396	-3.61799	0.910716	1.02801	1.02801	0.0182791	0.493968	-2.02442
cg00054496	NUBP1	0.00299943	0.0768675	0.603824	-1.65611	0.420558	1.2349	1.2349	0.233077	0.725715	-1.37795	0.902405	1.03195	1.03195	5.74E-05	0.147513	-6.77908
cg26445794	NUBP1	0.00555151	0.00220097	0.226501	-4.41499	0.0043416	0.267502	-3.73828	0.0106729	0.329416	-3.03568	0.11039	0.547769	-1.82559	0.0218815	0.386119	-2.58987
cg01123518	NUBP1	0.0208617	0.144162	1.22338	1.22338	0.016764	1.4552	1.4552	0.0248824	1.40929	1.40929	0.45383	1.10302	1.10302	0.280593	0.86578	-1.15503

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20705392	0.0610288	1.42429	1.42429	0.000168609	2.92216	2.92216	0.681063	1.07168	1.07168	0.798901	1.04369	1.04369	6.21977	2.76434	0.395062	1
cg19711783	0.00995248	1.55742	1.55742	0.00229654	1.786	1.786	0.148306	1.23495	1.23495	0.454021	1.10938	1.10938	5.72134	1.67834	0.260754	1
cg12503257	0.146713	0.618746	-1.61617	0.000549637	5.2272	5.2272	0.904503	0.963684	-1.03768	0.862019	0.947795	-1.05508	4.97541	7.48521	1.33728	1
cg19441674	0.520283	1.23302	1.23302	0.467156	1.26846	1.26846	0.792244	0.918654	-1.08855	0.165612	0.621717	-1.60845	4.88281	7.98884	1.45433	1
cg01463565	0.0855238	1.51992	1.51992	0.000818028	0.329203	-3.03764	0.363504	0.814076	-1.22839	0.120156	1.44968	1.44968	4.74618	3.64698	0.683025	1
cg02346492	0.0280488	19.9483	19.9483	0.00426801	82.2867	82.2867	0.00875712	47.0762	47.0762	0.0264036	20.838	20.838	4.55243	95.9361	18.7321	1
cg06818052	0.0464915	3.38964	3.38964	0.00119559	12.7036	12.7036	0.0108082	5.55075	5.55075	0.157368	2.24674	2.24674	4.41399	20.0355	4.03475	1
cg02481697	0.147258	0.337203	-2.96557	0.0115797	0.110079	-9.08436	0.0270523	0.160483	-6.23118	0.530747	0.641553	-1.55872	4.34418	33.6159	6.87834	1
cg01862363	0.0483904	0.142843	-7.00068	0.00847108	0.055023	-18.1742	0.0267272	0.103837	-9.6305	0.322812	0.414296	-2.41373	4.25714	50.1952	10.4807	1
cg01449663	0.00358618	1.62476	1.62476	0.0635895	0.773637	-1.2926	0.427081	0.905032	-1.10493	0.137278	1.21768	1.21768	4.00288	0.959981	0.213176	1
cg08547691	0.037297	27.555	27.555	0.00670192	124.541	124.541	0.0107623	81.1342	81.1342	0.046391	22.8785	22.8785	3.7452	111.646	26.498	1
cg19788727	0.154725	0.247705	-4.03706	0.0274776	0.091697	-10.9055	0.0480989	0.126197	-7.92412	0.0779577	0.166192	-6.01714	3.57669	47.555	11.8185	1
cg19192101	0.0490252	4.29256	4.29256	0.0155242	6.85022	6.85022	0.0762574	3.59199	3.59199	0.0309292	5.16856	5.16856	3.49178	23.242	5.91662	1
cg13874654	0.363638	0.653253	-1.5308	0.0277829	0.305398	-3.27442	0.219766	1.8013	1.8013	0.587974	1.28335	1.28335	3.39659	11.1894	2.92826	1
cg01337429	0.194508	1.39619	1.39619	0.00597654	2.3962	2.3962	0.0207686	0.508191	-1.96776	0.948288	1.0159	1.0159	8.70371	8.15172	0.832516	1
cg03190267	0.946833	1.01562	1.01562	0.182306	0.719591	-1.38968	0.0230459	1.88114	1.88114	0.101629	0.65926	-1.51685	7.43429	6.36363	0.760875	1
cg22721827	0.0491206	0.359439	-2.78211	0.00223908	0.142311	-7.02685	0.0196364	0.276876	-3.61172	0.0449001	0.35042	-2.85372	5.42507	17.8311	2.9216	1
cg16668534	0.560155	0.887605	-1.12663	0.446928	1.16986	1.16986	0.713446	0.928072	-1.0775	0.504963	0.872046	-1.14673	4.23775	2.74894	0.576605	1
cg22536398	0.645115	0.844519	-1.18411	0.381874	0.721229	-1.38652	0.303163	0.677978	-1.47497	0.461193	0.760819	-1.31437	4.9288	10.365	1.86928	1
cg19013339	0.006112	0.589982	-1.69497	0.220252	0.826917	-1.20931	0.000577699	0.456021	-2.19288	0.119375	0.779422	-1.283	17.9914	6.19544	0.306095	1
cg14280382	0.924682	1.01519	1.01519	0.106309	1.32473	1.32473	0.354094	1.16418	1.16418	0.0011243	0.465523	-2.14812	14.6384	5.89391	0.357897	1
cg24790471	0.48267	1.04988	1.04988	2.28E-05	0.521834	-1.91632	0.39988	0.942842	-1.06062	0.546482	0.959246	-1.04248	12.9683	0.931189	0.0558484	1
cg04923773	0.419582	0.905996	-1.10376	0.00320016	1.61887	1.61887	0.922258	1.01175	1.01175	0.0214064	0.718261	-1.39225	10.5086	2.38492	0.201732	1
cg14189750	0.540842	0.906921	-1.10263	0.00891933	0.591523	-1.69055	0.0147727	1.6055	1.6055	0.578187	1.09269	1.09269	5.44386	2.14724	0.350607	1
cg25367249	0.176682	0.516008	-1.93795	0.0123144	0.237887	-4.20367	0.0380519	0.330282	-3.02772	0.0521319	0.361417	-2.76689	5.41269	18.1937	2.98783	1
cg10205146	0.980701	0.993665	-1.00638	0.0333803	1.92165	1.92165	0.567479	1.16397	1.16397	0.963831	1.01198	1.01198	5.11021	5.58639	0.971717	1
cg08535361	0.0114671	0.403479	-2.47844	0.174635	0.660799	-1.51332	0.260229	0.71393	-1.4007	0.0852909	0.579332	-1.72613	4.6412	6.05223	1.15913	1
cg15367106	0.805106	0.960137	-1.04152	0.0937839	0.738437	-1.35421	0.870558	1.0272	1.0272	0.0474895	1.45213	1.45213	4.27927	1.83498	0.381161	1
cg12785090	0.950914	0.986842	-1.01333	0.0031008	0.418697	-2.38836	0.547442	1.13994	1.13994	0.35643	1.22639	1.22639	4.05276	2.97111	0.651651	1
cg27008631	0.000106641	2.46215	2.46215	0.000288578	2.18022	2.18022	0.000541834	2.03125	2.03125	0.0070312	1.58275	1.58275	18.1873	5.00142	0.244441	1
cg02446487	0.062945	1.59372	1.59372	0.000319087	3.6627	3.6627	0.029525	1.76995	1.76995	0.0314163	1.75473	1.75473	7.22532	5.67979	0.698751	1
cg21658372	0.151225	0.712065	-1.40437	0.250273	0.766996	-1.30379	0.993473	0.998195	-1.00181	0.109235	1.47053	1.47053	6.62523	5.11567	0.686355	1
cg05667101	0.0224258	0.625294	-1.59925	0.0301107	1.54934	1.54934	0.585198	0.909723	-1.09924	0.893798	0.977332	-1.02319	4.04421	1.88754	0.414867	1
cg13771219	0.887742	1.03585	1.03585	0.0205219	2.00576	2.00576	0.308559	1.30058	1.30058	0.978456	1.00676	1.00676	3.43933	3.3874	0.875469	1
cg06626591	0.737114	1.06702	1.06702	0.0288486	1.64252	1.64252	0.962106	1.00919	1.00919	0.0581441	0.662124	-1.51029	11.0033	6.46072	0.52192	1
cg19863563	0.00389253	2.15818	2.15818	0.681506	0.921579	-1.08509	0.926095	1.01853	1.01853	0.0471288	0.637888	-1.56767	10.7418	6.66308	0.551372	1
cg19088627	0.545648	0.890462	-1.12301	0.0111535	1.82841	1.82841	0.803073	0.953707	-1.04854	0.320156	0.822943	-1.21515	9.36713	5.33857	0.5066	1
cg02636497	0.446292	0.852726	-1.17271	0.0274996	0.585639	-1.70754	0.111146	1.42783	1.42783	0.319702	1.23495	1.23495	8.75712	5.84123	0.592913	1
cg22516643	0.868542	0.956879	-1.04506	0.00499103	0.372026	-2.68798	0.000738627	3.91169	3.91169	0.763166	1.08374	1.08374	6.33733	7.10713	0.996863	1
cg09508770	?	?	?	0.770971	0.868949	-1.15082	0.220591	0.535646	-1.86691	0.363124	1.57065	1.57065	6.31553	20.1401	2.79036	1
cg07470367	0.708792	0.937614	-1.06654	0.0937553	0.72874	-1.37223	0.387545	0.85893	-1.16424	0.136484	1.31712	1.31712	5.18009	2.41863	0.415031	1
cg17515145	0.362085	0.741227	-1.34911	0.00601273	0.317463	-3.14997	0.00585571	3.168	3.168	0.676753	1.14341	1.14341	4.86086	7.86611	1.43845	1
cg05462312	0.659652	1.22909	1.22909	0.882478	1.07127	1.07127	0.900357	1.06004	1.06004	0.0139444	0.243291	-4.1103	4.81549	16.5213	3.04966	1
cg07343335	0.149411	0.481019	-2.07892	0.0873559	0.409188	-2.44386	0.259294	0.572825	-1.74573	0.70649	0.836015	-1.19615	3.85177	13.674	3.1556	1
cg14787581	0.0879158	0.325087	-3.0761	0.0389332	0.240223	-4.16279	0.756009	1.20438	1.20438	0.0639434	0.288722	-3.46354	3.71278	20.9309	5.01112	1
cg09822538	0.590958	1.05943	1.05943	0.427914	0.917478	-1.08994	0.0829256	1.22668	1.22668	0.716097	0.96188	-1.03963	7.46045	1.33793	0.159409	1
cg20170831	0.0701242	0.792028	-1.26258	0.0110287	0.692702	-1.44362	0.0815317	0.80066	-1.24897	0.957837	1.00611	1.00611	3.40354	0.714792	0.186679	1
cg03653026	0.602139	0.850416	-1.17589	6.81E-05	0.105962	-9.43736	0.261706	0.697297	-1.43411	0.0906385	0.563111	-1.77585	11.569	17.3874	1.33594	1
cg13672736	0.194262	0.375912	-2.6602	0.00140296	0.0370307	-27.0046	0.00449863	0.0673357	-14.851	0.143481	0.326287	-3.06479	6.69999	53.8613	7.14579	1
cg02502361	0.0567663	0.44829	-2.2307	0.0346223	0.399866	-2.50084	0.0481906	0.431641	-2.31674	0.660747	0.848461	-1.1786	6.48623	14.2227	1.94912	1
cg02503824	0.332466	0.876376	-1.14106	0.000538433	0.491396	-2.03502	0.0142615	0.671034	-1.49024	0.0521525	0.747109	-1.33849	6.17953	1.70495	0.245246	1
cg14518098	0.220236	0.651804	-1.5342	0.00424656	0.280622	-3.56351	0.355797	0.72949	-1.37082	0.385368	0.744145	-1.34382	5.70942	9.97099	1.55237	1
cg09477758	0.546631	0.854941	-1.16967	0.029256	0.516928	-1.9345	0.530874	1.17714	1.17714	0.710546	1.10051	1.10051	5.11929	5.35113	0.929144	1
cg08108641	0.873798	1.04814	1.04814	0.37762	0.765074	-1.30706	0.00998874	0.382053	-2.61743	0.941464	1.02196	1.02196	4.97464	6.89351	1.23176	1
cg13951272	0.578588	0.720537	-1.38785	0.264834	0.507202	-1.9716	0.00167228	0.0724055	-13.8111	0.338134	0.561694	-1.78033	3.91532	21.1594	4.80379	1
cg16785690	0.185133	0.752263	-1.32932	0.028567	1.68761	1.68761	0.567609	1.12415	1.12415	0.150165	1.3668	1.3668	3.91531	2.54454	0.577685	1
cg10290373	0.655531	1.05374	1.05374	0.00299726	0.622129	-1.60738	0.717591	1.04326	1.04326	0.191398	0.851062	-1.175	3.66506	0.789086	0.191378	1
cg09496695	0.948016	0.99075	-1.00934	0.0906058	1.30438	1.30438	0.172484	0.813065	-1.22991	0.115608	0.783662	-1.27606	3.58415	1.15304	0.28596	1
cg11177059	0.366924	1.20513	1.20513	0.000345061	3.18786	3.18786	0.116779	0.709616	-1.40921	0.053504	1.55498	1.55498	6.14461	3.9436	0.570487	1
cg18649438	0.00854269	2.26683	2.26683	0.821088	1.0568	1.0568	0.0607636	0.597155	-1.67461	0.833034	1.05284	1.05284	17.1672	16.1731	0.837417	1
cg02049180	0.0301745	1.44116	1.44116	6.11E-05	2.88804	2.88804	0.000553854	2.15627	2.15627	0.00204159	1.86492	1.86492	11.7157	3.81339	0.289328	1
cg04704219	0.0545342	1.8405	1.8405	0.000186088	5.84038	5.84038	0.004293	2.9101	2.9101	0.00914622	2.52419	2.52419	8.04844	9.97109	1.10123	1
cg24845595	0.0132023	6.94969	6.94969	0.000721565	25.7007	25.7007	0.0501489	4.0931	4.0931	0.0572428	3.88626	3.88626	6.11938	38.5965	5.60644	1
cg16438688	0.0216118	7.94799	7.94799	0.00188217	27.4333	27.4333	0.0181099	8.64442	8.64442	0.0281354	7.01819	7.01819	4.83279	43.2244	7.95021	1
cg03888033	0.835515	1.08429	1.08429	0.00410099	4.47702	4.47702	0.0706775	2.1951	2.1951	0.0272723	2.76451	2.76451	4.07343	9.77482	2.13303	1
cg20673279	0.904792	0.976502	-1.02406	0.852653	0.963725	-1.03764	0.333424	1.21929	1.21929	0.488199	1.15021	1.15021	12.4854	7.80907	0.555963	1
cg03438943	0.0152183	2.83587	2.83587	0.00575456	3.54483	3.54483	0.638649	1.17985	1.17985	0.433049	1.3228	1.3228	10.0715	19.5027	1.72127	1
cg18534318	0.0197247	3.67408	3.67408	0.875624	0.930178	-1.07506	0.86729	0.92563	-1.08035	0.959876	1.02352	1.02352	5.58211	18.8776	3.00605	1
cg12995941	0.0136918	4.3745	4.3745	0.403423	0.661075	-1.51269	0.947839	1.03218	1.03218	0.2644	1.75611	1.75611	5.52371	20.4996	3.29884	1
cg03055346	0.554584	1.1389	1.1389	0.0545146	0.622093	-1.60748	0.131226	0.70147	-1.42558	0.573348	1.13181	1.13181	5.15966	3.86925	0.666581	1
cg03610604	0.576922	0.855932	-1.16832	9.42E-05	6.8278	6.8278	0.0552047	1.82202	1.82202	0.0593689	1.79943	1.79943	7.96413	9.60961	1.07254	1
cg01441387	0.442655	0.727424	-1.37471	0.223818	0.594775	-1.68131	0.9195	1.04196	1.04196	0.918385	0.959186	-1.04255	7.88199	20.6336	2.32695	1
cg24867618	0.0618293	0.481103	-2.07856	0.00467754	0.270313	-3.69941	0.564607	0.816618	-1.22456	0.108704	0.544076	-1.83798	5.24385	10.0518	1.70389	1
cg12039611	0.110168	0.50359	-1.98574	0.014134	0.303261	-3.29749	0.0551415	0.424571	-2.35532	0.0154271	0.31003	-3.2255	4.48788	11.0341	2.18546	1
cg12499211	0.150908	0.514414	-1.94396	0.0272939	0.323716	-3.08912	0.191264	0.550184	-1.81757	0.0422768	0.364161	-2.74604	3.62407	10.7033	2.62523	1
cg13620631	0.137701	0.65662	-1.52295	0.0375594	0.52998	-1.88686	0.464326	1.2165	1.2165	0.00241008	0.328826	-3.04112	8.67908	9.51838	0.974847	1
cg03628748	0.643441	1.03947	1.03947	0.092019	0.857258	-1.16651	0.000547429	1.56186	1.56186	0.136882	1.14232	1.14232	13.0089	1.42071	0.097076	1
cg13723118	0.343278	0.866541	-1.15401	0.00015387	0.38607	-2.5902	0.180939	0.811874	-1.23172	0.239199	0.834565	-1.19823	5.91302	2.01596	0.303055	1
cg00786657	0.40317	1.09138	1.09138	0.000501272	1.74422	1.74422	0.309199	1.11357	1.11357	0.0211748	1.32747	1.32747	13.5239	2.23787	0.147088	1
cg12710376	0.0616855	0.709192	-1.41006	0.156978	1.28037	1.28037	0.596314	0.916414	-1.09121	0.351499	1.16948	1.16948	5.92781	2.50287	0.37531	1
cg21956337	0.0103871	0.374052	-2.67343	2.27E-05	0.0754122	-13.2605	0.0344736	0.471701	-2.11999	0.783031	1.08775	1.08775	15.6129	22.9562	1.30697	1
cg20664238	0.499263	1.09444	1.09444	0.0289242	0.712574	-1.40336	0.00865869	1.55319	1.55319	0.257263	0.855938	-1.16831	9.37376	2.56994	0.2437	1
cg11742207	0.0406064	0.643065	-1.55505	0.00161805	0.430028	-2.32543	0.00419451	2.04665	2.04665	0.135204	0.740292	-1.35082	6.67535	3.68675	0.490928	1
cg09902251	0.350135	0.829037	-1.20622	0.0042722	2.10692	2.10692	0.984858	1.00371	1.00371	0.828244	0.958527	-1.04327	4.82432	2.90393	0.535054	1
cg08921491	0.248345	0.553195	-1.80768	0.0537049	0.341376	-2.92932	0.488925	1.41185	1.41185	0.666752	0.808527	-1.23682	4.19606	15.9959	3.38856	1
cg10251550	0.0443557	1.41491	1.41491	0.132173	1.27348	1.27348	0.0585209	0.725901	-1.3776	0.0625818	1.36874	1.36874	4.48491	1.50332	0.260707	1
cg20041152	0.12964	1.55376	1.55376	0.110605	1.59669	1.59669	0.258194	1.37375	1.37375	0.617832	1.14497	1.14497	3.43252	3.93814	1.01982	1
cg14871138	0.0373203	0.644895	-1.55064	0.00491351	0.50844	-1.9668	0.000126589	0.297888	-3.35697	0.000121005	0.295552	-3.3835	26.7033	13.9336	0.463817	1
cg02216247	0.000561125	0.290972	-3.43676	7.42E-05	0.189829	-5.2679	0.000136499	0.218008	-4.58699	0.00237229	0.376021	-2.65942	18.5318	15.6334	0.749864	1
cg16430535	0.00760663	0.496333	-2.01478	0.00012734	0.256515	-3.8984	0.00077198	0.353832	-2.8262	0.00643608	0.485164	-2.06116	11.7135	7.72771	0.586422	1
cg11877251	0.141175	0.555595	-1.79987	0.521792	0.785735	-1.27269	0.000552832	7.32398	7.32398	0.359734	1.41867	1.41867	7.2641	15.8685	1.94178	1
cg03567830	0.701906	0.823201	-1.21477	0.0272683	0.266696	-3.74959	0.00200783	9.0744	9.0744	0.43754	1.49278	1.49278	5.80685	23.5377	3.60306	1
cg24235518	0.58177	0.824612	-1.21269	0.0279937	0.406602	-2.45941	0.0324779	0.419889	-2.38158	0.0352043	0.427261	-2.34049	5.70916	10.8655	1.69171	1
cg13292703	0.0368041	1.79897	1.79897	0.00355418	0.384252	-2.60246	0.866742	0.960155	-1.0415	0.696934	1.09939	1.09939	5.36435	4.98002	0.825204	1
cg09893588	0.716018	1.27355	1.27355	0.683116	1.31219	1.31219	0.00541357	0.0795108	-12.5769	0.840866	1.14225	1.14225	4.05352	24.4395	5.27555	1
cg02658437	0.373462	0.734522	-1.36143	0.278329	0.683397	-1.46328	0.00332117	3.8581	3.8581	0.230014	0.653576	-1.53004	3.49232	6.30779	1.6055	1
cg08678514	0.00864909	0.892666	-1.12024	5.38E-08	0.530145	-1.88628	0.207927	0.955961	-1.04607	0.301157	0.964313	-1.03701	45.8442	0.835412	0.0161981	1
cg00254133	0.11433	0.222554	-4.49329	0.134386	0.243604	-4.10501	0.187058	3.3988	3.3988	0.461273	0.518829	-1.92742	3.97785	48.2185	10.7749	1
cg04141164	0.305718	1.5224	1.5224	0.000298492	10.3026	10.3026	0.00793007	3.8546	3.8546	0.228847	1.6495	1.6495	8.9956	22.3757	2.21103	1
cg24421094	0.288546	1.31434	1.31434	0.0196645	2.01196	2.01196	0.00327928	2.70224	2.70224	0.41168	0.812009	-1.23151	5.06452	4.93657	0.866433	1
cg07893252	0.719152	1.05235	1.05235	0.0164112	1.51356	1.51356	0.513495	1.09817	1.09817	0.22816	1.19573	1.19573	4.79437	1.51644	0.281152	1
cg07258474	0.238046	1.77394	1.77394	0.000632982	11.4171	11.4171	0.0153562	3.97442	3.97442	0.0760409	2.49834	2.49834	4.76358	16.2283	3.02822	1
cg23690737	0.315661	1.20823	1.20823	0.00477711	1.97971	1.97971	0.154833	1.31998	1.31998	0.460508	0.871976	-1.14682	4.31348	2.27097	0.467985	1
cg25572459	0.0600548	1.46066	1.46066	0.427958	1.15552	1.15552	0.00164567	0.44712	-2.23654	0.136988	0.751173	-1.33125	28.1167	14.2067	0.449135	1
cg15791180	0.0384145	1.52375	1.52375	0.680991	0.929991	-1.07528	0.941533	0.987204	-1.01296	0.0352906	0.650224	-1.53793	15.6644	7.64803	0.433993	1
cg06656005	0.00297078	0.324657	-3.08017	0.0147402	0.436833	-2.28921	4.15E-05	0.1159	-8.6281	0.00728084	0.384764	-2.599	13.2982	16.0368	1.07194	1
cg06773873	0.446682	0.922661	-1.08382	0.00013423	1.98694	1.98694	0.938289	0.991997	-1.00807	0.00539887	0.68381	-1.46239	12.8785	2.19673	0.15162	1
cg02518216	0.0809979	1.36969	1.36969	0.00291904	0.514314	-1.94434	0.0541718	0.700948	-1.42664	0.420965	1.14302	1.14302	7.83524	3.28071	0.372189	1
cg20060685	0.0178935	1.94729	1.94729	0.0109901	0.477647	-2.0936	0.443066	1.19854	1.19854	0.16002	1.41571	1.41571	7.0414	5.98054	0.754969	1
cg05569161	0.918996	1.01088	1.01088	0.0130197	0.720553	-1.38782	0.541778	1.0679	1.0679	0.00167057	1.61312	1.61312	5.47059	0.980331	0.159289	1
cg19698789	0.374702	1.18384	1.18384	0.154189	1.32649	1.32649	0.668537	1.08305	1.08305	0.292346	1.22428	1.22428	4.70567	2.55694	0.482999	1
cg17393917	0.850564	0.93169	-1.07332	0.00151412	0.180143	-5.55115	0.254585	0.64001	-1.56247	0.560124	0.801692	-1.24736	4.36386	9.72694	1.98131	1
cg22574569	0.00302724	1.61826	1.61826	0.72942	1.04199	1.04199	0.354712	1.11939	1.11939	0.323779	1.12831	1.12831	4.22641	0.939244	0.19754	1
cg05687834	0.683103	1.18484	1.18484	0.175343	0.55126	-1.81403	0.284074	0.631372	-1.58385	0.0823737	2.21475	2.21475	3.48454	9.42382	2.40397	1
cg13420366	0.0400811	0.583279	-1.71445	0.910391	0.974741	-1.02591	0.900426	1.02885	1.02885	0.284139	0.776593	-1.28768	10.2699	8.39872	0.72693	1
cg20001087	0.00728471	0.504792	-1.98101	0.116608	0.714077	-1.40041	0.229265	0.779432	-1.28299	0.102994	0.703059	-1.42236	7.51916	4.64597	0.549231	1
cg21944749	0.233289	1.25612	1.25612	0.0110542	0.559067	-1.78869	0.583805	1.10622	1.10622	0.0987372	1.39141	1.39141	4.20074	2.21494	0.468688	1
cg02217041	0.905434	1.01387	1.01387	4.30E-05	0.40617	-2.46202	0.160304	0.840377	-1.18994	0.000615829	0.542638	-1.84285	33.005	7.02606	0.189225	1
cg09765709	0.296371	1.09917	1.09917	0.0503037	1.21514	1.21514	0.245386	0.899329	-1.11194	0.106827	0.857485	-1.1662	26.6975	3.22466	0.107365	1
cg21639188	0.040373	0.531818	-1.88034	8.67E-05	0.15289	-6.54063	0.0876939	1.65314	1.65314	0.000610519	0.244627	-4.08786	21.1565	23.8288	1.00117	1
cg25269643	0.225235	0.794529	-1.25861	0.0584076	1.47135	1.47135	0.212566	0.788922	-1.26755	0.0123377	0.569695	-1.75532	11.9143	6.15341	0.459086	1
cg03480605	0.229756	0.745985	-1.34051	0.000647845	0.296232	-3.37574	0.0251817	0.538413	-1.85731	0.704194	1.09276	1.09276	11.8125	10.1176	0.761342	1
cg07928541	0.0795758	1.19549	1.19549	0.0264219	1.27322	1.27322	0.977699	0.997438	-1.00257	0.687219	1.03784	1.03784	9.39078	1.25243	0.11855	1
cg19661819	0.00472558	0.622585	-1.60621	0.00090712	1.87117	1.87117	0.0358426	1.36112	1.36112	0.485775	0.914456	-1.09355	7.66473	1.93512	0.224419	1
cg03898562	0.811673	0.959111	-1.04263	0.135153	0.754508	-1.32537	9.22E-05	3.39043	3.39043	0.524564	0.893344	-1.11939	7.35871	3.56518	0.430653	1
cg17087899	0.143778	0.764481	-1.30808	0.131771	1.3207	1.3207	0.000673633	2.43294	2.43294	0.102765	1.35693	1.35693	6.99897	3.24065	0.411572	1
cg08134068	0.189824	0.635549	-1.57344	0.327572	1.38895	1.38895	0.400571	0.756262	-1.32229	0.000506427	0.15038	-6.6498	6.83648	11.0941	1.26216	1
cg09941367	0.0151427	0.270418	-3.69798	0.000773494	0.107512	-9.30127	0.490629	1.35913	1.35913	0.0696679	0.411017	-2.43299	5.50605	16.748	2.70378	1
cg11350520	0.704311	1.0591	1.0591	0.414072	1.13399	1.13399	0.914017	0.983865	-1.0164	0.135354	0.784732	-1.27432	4.58271	1.64624	0.319313	1
cg19553910	0.780487	1.08143	1.08143	0.594869	1.16229	1.16229	0.768284	1.0863	1.0863	0.0084088	2.56798	2.56798	4.45287	5.53684	1.10527	1
cg17067889	0.185707	0.812633	-1.23057	0.270851	1.18471	1.18471	0.024203	1.48783	1.48783	0.173324	1.23889	1.23889	4.03662	1.3976	0.307761	1
cg06666466	0.178291	0.589799	-1.69549	0.0143341	0.328046	-3.04835	0.0215937	0.361136	-2.76904	0.249601	0.641338	-1.55924	3.55504	7.67304	1.91854	1
cg09079882	0.0109211	0.393053	-2.54418	0.000295784	0.178601	-5.59907	0.00933229	0.381439	-2.62165	0.0362559	0.490827	-2.03738	10.6932	14.4691	1.20276	1
cg02299909	0.000453658	0.256488	-3.89882	0.00870131	0.439004	-2.27788	0.162565	1.44354	1.44354	0.156591	0.688588	-1.45225	8.66215	8.3178	0.853553	1
cg00054496	0.270077	1.3424	1.3424	0.0155017	0.467049	-2.1411	0.894607	1.03457	1.03457	0.137584	0.663639	-1.50684	8.55863	8.91167	0.925555	1
cg26445794	0.371548	0.728028	-1.37357	0.00255533	0.235117	-4.25319	0.00299384	0.244497	-4.09004	0.0165952	0.363424	-2.75161	7.10718	13.4724	1.68498	1
cg01123518	0.252377	1.16607	1.16607	0.00755213	0.642959	-1.55531	0.0544755	1.32363	1.32363	0.748132	1.04227	1.04227	4.63747	1.21287	0.232478	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00625331	NUBP1	0.0258887	0.302548	1.28214	1.28214	0.00801967	2.2046	2.2046	?	?	?	0.867201	1.03971	1.03971	0.0495631	1.68435	1.68435
cg07508609	NUBP1	0.0350606	?	?	?	0.00343978	8.75856	8.75856	0.0120161	5.53414	5.53414	0.23263	0.504811	-1.98094	0.456207	0.660711	-1.51352
cg08108362	NUBP1	0.0401042	0.837897	0.924115	-1.08212	0.752347	1.1297	1.1297	0.120186	1.91444	1.91444	0.0133781	0.307201	-3.25519	0.177667	1.73651	1.73651
cg03612445	NUBP1	0.0461195	0.0789512	0.511947	-1.95333	0.137945	0.577956	-1.73024	0.0127421	0.345678	-2.89287	0.235431	0.652604	-1.53232	0.00758429	0.307683	-3.2501
cg07178808	NUBP2	0.00126662	0.000330834	0.281219	-3.55595	0.00993579	2.03968	2.03968	0.0444739	0.603412	-1.65724	0.215144	0.751562	-1.33056	0.701816	0.919241	-1.08785
cg05406475	NUBP2	0.015191	0.159434	0.732497	-1.36519	0.934072	0.983017	-1.01728	0.164525	0.735619	-1.3594	0.113228	0.699863	-1.42885	0.253202	0.781085	-1.28027
cg26697477	NUBP2	0.0328038	0.692247	1.0855	1.0855	0.122518	1.41215	1.41215	0.452043	0.853848	-1.17117	0.794214	0.947518	-1.05539	0.529286	0.876838	-1.14046
cg03226752	NUBP2	0.0436233	0.00814249	0.182533	-5.47846	0.0281354	0.271991	-3.6766	0.818097	0.890759	-1.12264	0.575768	0.752855	-1.32828	0.00670538	0.171072	-5.84548
cg04829521	NUBP2	0.0441208	0.549395	0.904498	-1.10559	0.210185	0.803473	-1.2446	0.072945	0.717892	-1.39297	0.642291	0.925415	-1.0806	0.0324925	0.6605	-1.514
cg08662533	NUBP2	0.0495246	0.201009	0.700997	-1.42654	0.530498	1.18193	1.18193	0.570025	0.859841	-1.16301	0.173576	0.683266	-1.46356	0.0416988	0.539234	-1.85448
cg09085417	NUBP2;SPSB3	0.00477479	?	?	?	0.0988079	4.11958	4.11958	0.385074	2.00688	2.00688	0.636691	0.689239	-1.45088	0.000684036	0.0172866	-57.8483
cg06874920	NUBP2;SPSB3	0.0283252	0.749288	1.102	1.102	0.929221	1.02728	1.02728	0.860066	0.94795	-1.05491	0.000871453	0.220278	-4.53971	0.951067	1.01876	1.01876
cg04680833	NUBP2;SPSB3	0.0441307	0.377887	1.08628	1.08628	0.514544	1.06232	1.06232	0.0803205	1.19417	1.19417	0.0261674	1.27293	1.27293	0.622602	0.955639	-1.04642
cg23551132	NUBPL	0.000679373	0.983892	1.00422	1.00422	0.0112494	0.51546	-1.94002	0.0290274	0.58448	-1.71092	2.02E-05	0.165366	-6.04718	?	?	?
cg23623486	NUBPL	0.00135052	0.979655	1.00267	1.00267	0.0253993	1.32031	1.32031	3.89E-05	2.27942	2.27942	0.0411415	1.27943	1.27943	0.0457138	0.786967	-1.2707
cg10328875	NUBPL	0.00236946	4.84E-05	0.168261	-5.94313	0.0821418	0.638214	-1.56687	0.117513	1.48647	1.48647	?	?	?	0.917776	0.976209	-1.02437
cg21033861	NUBPL	0.00760063	0.00561638	0.22793	-4.38732	0.000525107	0.11103	-9.00656	0.0655674	0.431468	-2.31767	0.35282	0.677825	-1.47531	0.0810853	0.455367	-2.19603
cg02911569	NUBPL	0.00795935	0.195825	1.25278	1.25278	0.021438	1.57661	1.57661	0.00387054	1.89843	1.89843	0.682366	1.07014	1.07014	0.00841053	1.74106	1.74106
cg02175309	NUBPL	0.00976835	0.124419	0.553592	-1.80639	0.58695	0.822855	-1.21528	0.108596	0.536817	-1.86283	0.0149326	0.345113	-2.8976	0.000254236	0.117376	-8.51962
cg01642415	NUBPL	0.0175888	0.901083	0.983753	-1.01652	0.544784	1.08409	1.08409	0.0817776	0.775628	-1.28928	0.0617434	1.31939	1.31939	0.0132161	1.49872	1.49872
cg13131167	NUBPL	0.0362455	0.0742719	0.337625	-2.96186	0.0538367	0.302663	-3.304	0.626186	1.30734	1.30734	0.137913	0.418049	-2.39206	0.0072921	0.151207	-6.61345
cg02275713	NUCB1	0.00106283	0.00169927	0.437029	-2.28818	0.486072	0.877483	-1.13962	0.0103604	0.550861	-1.81534	0.0463065	0.656048	-1.52428	0.00427931	0.49378	-2.02519
cg19265998	NUCB1	0.00687855	0.221404	0.806846	-1.23939	0.0285812	0.649656	-1.53928	0.794085	0.957263	-1.04465	0.0119957	1.68758	1.68758	0.027588	0.647261	-1.54497
cg22768531	NUCB1	0.0151857	0.391805	1.26414	1.26414	0.443562	1.23207	1.23207	0.00623844	0.385833	-2.5918	0.993366	0.997781	-1.00222	0.00197756	0.311095	-3.21445
cg12575751	NUCB2	0.00835785	0.0166264	1.22527	1.22527	0.663561	0.970053	-1.03087	0.0549467	1.16322	1.16322	0.786465	0.981314	-1.01904	0.0127191	1.23996	1.23996
cg09178514	NUCB2	0.0456231	0.584071	1.05056	1.05056	0.183579	0.88173	-1.13413	0.00963243	1.33953	1.33953	0.582453	0.951669	-1.05079	0.20434	1.12693	1.12693
cg24606240	NUCKS1	7.61E-05	0.00659206	1.54123	1.54123	1.83E-05	0.342587	-2.91897	0.000147324	0.449129	-2.22653	0.78343	1.03436	1.03436	0.000198073	0.464532	-2.1527
cg10021156	NUCKS1	0.000254107	0.483571	1.13774	1.13774	1.77E-05	0.203719	-4.90871	0.000831294	0.401747	-2.48913	0.855014	1.03371	1.03371	0.000121841	0.296437	-3.3734
cg03547581	NUCKS1	0.00195504	0.00740702	0.473632	-2.11134	0.51138	1.15521	1.15521	0.0485669	0.613808	-1.62917	0.198595	0.745059	-1.34218	0.000346809	0.287476	-3.47856
cg05051117	NUCKS1	0.00284207	0.00108675	0.599965	-1.66676	0.327156	0.898364	-1.11313	0.165263	1.16979	1.16979	0.859135	0.981353	-1.019	0.000824589	0.586371	-1.70541
cg00547768	NUCKS1	0.00708067	0.014443	0.540164	-1.85129	0.11747	0.706532	-1.41536	0.00359928	0.446939	-2.23744	0.698043	0.923437	-1.08291	0.0044782	0.460995	-2.16922
cg09161758	NUCKS1	0.0107209	0.56172	1.17052	1.17052	0.000468813	0.228663	-4.37324	0.0164466	0.455364	-2.19605	0.35616	0.77516	-1.29006	0.0564803	0.560194	-1.7851
cg15006843	NUCKS1	0.0140265	0.488951	0.88491	-1.13006	0.00769998	0.551246	-1.81407	0.0131883	0.585986	-1.70653	0.990851	0.998008	-1.002	0.0271527	0.634539	-1.57595
cg06665535	NUCKS1	0.0174047	0.988681	1.00234	1.00234	0.000987495	0.445731	-2.24351	0.00914298	0.57902	-1.72706	0.24058	0.816463	-1.22479	0.715667	0.941411	-1.06224
cg09821112	NUCKS1	0.0263368	0.00364376	0.519366	-1.92542	0.203819	0.799794	-1.25032	0.00192659	0.481323	-2.07761	0.418796	1.14753	1.14753	0.181421	0.789532	-1.26657
cg05386151	NUCKS1;NUCKS1	0.0194848	0.600793	0.845134	-1.18324	0.892616	1.04398	1.04398	0.541659	1.21761	1.21761	0.0738581	1.88696	1.88696	0.0842544	1.83808	1.83808
cg21438558	NUDC	4.05E-05	0.363156	0.851616	-1.17424	0.858384	1.03117	1.03117	0.221321	1.24725	1.24725	0.677469	0.93064	-1.07453	0.0334337	0.652393	-1.53282
cg25841309	NUDC	0.000303483	0.0123894	0.50001	-1.99996	1.12E-05	0.125152	-7.99028	0.0297863	0.565879	-1.76716	0.305106	0.789427	-1.26674	0.0142943	0.510358	-1.95941
cg27400644	NUDC	0.000496146	0.062605	2.69425	2.69425	0.0347166	0.312104	-3.20406	0.570602	0.76253	-1.31142	0.0418632	0.32977	-3.03242	0.0030555	0.146759	-6.81388
cg26005232	NUDC	0.011026	0.528864	0.719518	-1.38982	0.0273128	3.84731	3.84731	0.521453	0.715141	-1.39833	0.627142	1.28732	1.28732	0.00657741	0.161882	-6.17736
cg26606628	NUDC	0.0223507	0.330752	0.719355	-1.39014	0.37356	1.34961	1.34961	0.253894	1.47856	1.47856	0.463237	1.27771	1.27771	0.00241508	0.249871	-4.00207
cg13399755	NUDC	0.0267628	0.29988	1.53362	1.53362	0.0012537	0.137216	-7.2878	0.714517	1.15666	1.15666	0.0151247	0.29484	-3.39167	0.35791	0.686688	-1.45627
cg18387343	NUDC	0.0329303	0.0197038	1.44045	1.44045	0.0176363	0.687937	-1.45362	0.0823829	1.28313	1.28313	0.622343	0.937702	-1.06644	0.416871	0.898074	-1.11349
cg05954817	NUDC;NUDC	0.0386679	0.311377	0.874549	-1.14345	0.00568046	0.628558	-1.59094	0.0794049	1.28302	1.28302	0.323076	1.13955	1.13955	0.270443	0.863415	-1.15819
cg10919176	NUDCD1;ENY2	1.69E-05	?	?	?	0.976399	1.00906	1.00906	0.294182	1.39354	1.39354	0.00804469	0.355043	-2.81656	0.228819	0.680319	-1.4699
cg19898828	NUDCD1;ENY2	0.000770231	0.355663	1.09504	1.09504	1.81E-05	0.433323	-2.30775	0.00245799	0.668631	-1.49559	0.983387	0.998012	-1.00199	0.343157	0.910904	-1.09781
cg02458499	NUDCD1;NUDCD1	0.0088307	0.0274393	0.326194	-3.06566	0.194158	0.55437	-1.80385	0.0546444	0.392124	-2.55021	0.845987	0.919877	-1.0871	0.00149163	0.139882	-7.14887
cg07271718	NUDCD1;NUDCD1	0.0321462	0.244957	0.629707	-1.58804	0.18886	0.588978	-1.69786	0.11692	0.523241	-1.91117	0.13968	0.546409	-1.83013	0.000786563	0.145137	-6.89004
cg11088743	NUDCD2;HMMR;HMMR;HMMR;HMMR	1.62E-05	0.0933355	1.27877	1.27877	0.00337446	1.70087	1.70087	0.000985171	1.92033	1.92033	3.42E-07	0.139898	-7.14805	0.988109	0.998017	-1.00199
cg12328282	NUDCD2;HMMR;HMMR;HMMR;HMMR	0.0065603	0.92692	1.03674	1.03674	0.0461451	2.45604	2.45604	0.35383	1.45521	1.45521	?	?	?	0.00102582	0.147527	-6.77842
cg02592798	NUDCD2;HMMR;HMMR;HMMR;HMMR	0.0141335	0.336586	1.164	1.164	0.932803	1.01301	1.01301	0.255483	1.19957	1.19957	0.162205	1.25701	1.25701	0.00405258	1.80673	1.80673
cg10958815	NUDCD3	0.00325017	0.0684987	0.564245	-1.77228	0.201193	0.687091	-1.45541	0.0986439	0.60261	-1.65945	0.107193	0.611748	-1.63466	0.00291796	0.304873	-3.28006
cg16029838	NUDCD3	0.00741732	0.640579	0.955529	-1.04654	0.0186777	0.758982	-1.31755	0.263697	1.11931	1.11931	0.973047	0.996737	-1.00327	0.032896	1.27303	1.27303
cg23969884	NUDCD3	0.0471663	0.0436061	1.73354	1.73354	0.00299613	2.62575	2.62575	0.258742	1.32237	1.32237	0.26709	1.31545	1.31545	0.433155	1.20886	1.20886
cg13301931	NUDCD3	0.0495577	0.212997	0.675954	-1.47939	0.343724	1.3381	1.3381	0.174276	1.53964	1.53964	0.396925	1.29567	1.29567	0.039739	0.491646	-2.03398
cg08530030	NUDCD3;NUDCD3	0.0211502	0.430582	0.813395	-1.22941	0.994388	0.998196	-1.00181	0.105675	0.635242	-1.5742	0.00149705	0.308782	-3.23853	0.499245	0.838545	-1.19254
cg04651193	NUDT10	0.000109006	0.933436	1.0162	1.0162	7.18E-05	0.248646	-4.02179	0.0013817	0.409689	-2.44088	0.97346	1.00642	1.00642	1.03E-05	0.16251	-6.15347
cg21844331	NUDT10	0.00455754	0.164556	1.74095	1.74095	0.123641	1.86545	1.86545	0.224144	0.620364	-1.61196	0.560507	1.24616	1.24616	0.00136577	0.175992	-5.68206
cg16202017	NUDT10	0.0240787	0.359043	0.779502	-1.28287	0.034454	0.521273	-1.91838	0.181708	0.687667	-1.45419	0.00952244	0.420017	-2.38085	0.00150675	0.298868	-3.34596
cg22363867	NUDT10	0.0261873	0.169889	1.69328	1.69328	0.00197758	4.82823	4.82823	0.654808	0.850344	-1.17599	0.0895591	1.96264	1.96264	0.0450759	0.436767	-2.28955
cg15159291	NUDT10	0.0344022	0.693275	0.904278	-1.10585	0.0025008	3.07844	3.07844	0.595259	1.14588	1.14588	0.0631195	1.71605	1.71605	0.0374493	0.534197	-1.87197
cg06780601	NUDT10	0.0344589	0.213367	0.699257	-1.43009	0.00489607	0.361306	-2.76774	0.0207392	0.467589	-2.13863	0.240732	0.715119	-1.39837	0.348003	0.768135	-1.30185
cg15837118	NUDT11	0.00179734	0.045979	1.45344	1.45344	0.710344	0.94083	-1.06289	0.0458369	0.687806	-1.4539	0.00181176	0.484266	-2.06498	0.000152799	0.345892	-2.89107
cg05686542	NUDT12	0.00646911	0.412132	0.77008	-1.29857	0.000760324	0.203978	-4.90249	0.420622	1.29219	1.29219	0.424011	1.28968	1.28968	0.00403021	0.300132	-3.33187
cg07655627	NUDT12	0.0366828	0.025154	0.208824	-4.78872	0.0630476	3.42063	3.42063	0.0496747	0.267954	-3.73199	0.875728	0.912063	-1.09642	0.0494787	0.267567	-3.73738
cg04833713	NUDT13	0.000761191	0.628245	0.807644	-1.23817	0.0286126	3.09776	3.09776	0.178439	1.87006	1.87006	0.0128437	0.258496	-3.86852	0.000355253	0.0812157	-12.3129
cg24859941	NUDT13	0.00627583	0.998676	0.999449	-1.00055	0.401414	1.33059	1.33059	0.0129918	0.358756	-2.78741	0.999877	1.00005	1.00005	0.43884	0.769054	-1.3003
cg01701415	NUDT13;NUDT13	0.00052897	0.00528165	0.326789	-3.06038	0.100338	1.72898	1.72898	0.0566094	1.92773	1.92773	0.465627	1.25337	1.25337	0.000127607	0.131738	-7.59082
cg05898953	NUDT13;NUDT13	0.00120257	0.000562523	0.155256	-6.44097	0.000301526	7.74563	7.74563	0.0805472	1.96442	1.96442	0.0231045	2.5761	2.5761	0.300037	0.687892	-1.45372
cg21435394	NUDT14	0.00281341	0.0570287	1.69985	1.69985	0.067491	1.65654	1.65654	0.113821	1.52784	1.52784	0.000291981	4.28359	4.28359	0.273361	0.755141	-1.32426
cg18905633	NUDT14	0.00419164	0.832615	1.04773	1.04773	0.308442	0.79276	-1.26142	0.0203758	1.85128	1.85128	0.0128747	0.506435	-1.97459	0.000189312	0.249918	-4.00131
cg23680124	NUDT14	0.00476666	0.0185734	0.588505	-1.69922	0.908283	1.02164	1.02164	0.00345139	0.478243	-2.09099	0.321618	0.826793	-1.20949	0.639297	0.91605	-1.09164
cg18413305	NUDT14	0.00633466	0.348753	0.871815	-1.14703	0.01122	0.636469	-1.57117	0.0450793	1.38678	1.38678	0.177209	0.8155	-1.22624	0.0625993	1.34714	1.34714
cg00105253	NUDT14	0.0457669	0.0276976	0.590934	-1.69224	0.0769995	0.672036	-1.48802	0.672942	0.917766	-1.0896	0.722735	1.07466	1.07466	0.237921	0.778902	-1.28386
cg09611287	NUDT15	0.00196121	0.232339	0.822708	-1.2155	6.88E-05	3.107	3.107	0.133097	1.28721	1.28721	0.403965	1.14232	1.14232	0.268141	1.19688	1.19688
cg15439466	NUDT15	0.00579304	0.88311	1.02003	1.02003	0.200688	1.19983	1.19983	0.00319319	0.581199	-1.72058	0.814139	0.968754	-1.03225	0.0023954	1.76885	1.76885
cg27269570	NUDT15	0.00813016	0.178129	0.530305	-1.88571	0.00524975	0.195531	-5.11429	0.0099645	0.23627	-4.23244	0.965425	0.980967	-1.0194	0.00182344	0.140287	-7.12826
cg05969306	NUDT15	0.0184656	0.0210634	0.265698	-3.76367	0.0335347	0.305368	-3.27474	0.391193	0.657268	-1.52145	0.797758	0.884563	-1.1305	0.0130769	0.229829	-4.35106
cg01596986	NUDT15	0.0441866	0.168009	0.637086	-1.56965	0.687706	1.13201	1.13201	0.0106314	2.67963	2.67963	0.706325	1.12317	1.12317	0.0758919	0.545438	-1.83339
cg07384974	NUDT16	0.00172028	0.117136	0.732138	-1.36586	0.0261553	0.616729	-1.62146	0.00323522	0.479146	-2.08705	0.894313	0.975947	-1.02465	0.00020699	0.320463	-3.12049
cg14506646	NUDT16	0.00260503	0.771815	0.96211	-1.03938	0.762548	0.960547	-1.04107	0.0607148	1.32429	1.32429	0.0286732	0.709739	-1.40897	0.00128048	0.535928	-1.86592
cg01092811	NUDT16	0.0201025	0.774168	0.957195	-1.04472	0.697139	1.06128	1.06128	0.0274559	1.48679	1.48679	0.606926	1.08211	1.08211	0.219658	1.21686	1.21686
cg25437259	NUDT16	0.0214452	0.103906	2.76349	2.76349	0.0255266	4.55891	4.55891	0.0488243	3.61883	3.61883	0.0267249	4.48462	4.48462	0.197586	2.17839	2.17839
cg17789800	NUDT16	0.0321757	0.0261349	6.71891	6.71891	0.70686	1.31352	1.31352	0.429179	1.79062	1.79062	0.762052	0.803158	-1.24508	0.166526	0.344811	-2.90014
cg11162249	NUDT16;NUDT16	0.00810211	0.28498	1.81107	1.81107	0.318744	1.73436	1.73436	0.204739	2.04904	2.04904	0.813846	1.13365	1.13365	0.361265	0.605877	-1.6505
cg10203522	NUDT16L1	0.000540979	0.10374	0.636344	-1.57148	0.00668808	0.409098	-2.4444	0.00693111	0.411585	-2.42963	0.697861	1.10419	1.10419	4.62E-05	0.141658	-7.05926
cg05697253	NUDT16L1	0.0197178	0.259798	1.43088	1.43088	0.00153823	4.01072	4.01072	0.0104702	2.67013	2.67013	0.0786053	1.8138	1.8138	0.258053	1.43293	1.43293
cg14230378	NUDT16P;NUDT16P	0.00208669	0.0142855	2.93767	2.93767	0.4506	1.31543	1.31543	0.480041	1.29182	1.29182	0.491401	1.28308	1.28308	0.00367448	4.05793	4.05793
cg19831706	NUDT16P;NUDT16P	0.00261462	0.0017779	8.24109	8.24109	0.0734077	2.57624	2.57624	0.761232	1.15544	1.15544	0.906745	0.94596	-1.05713	0.275349	0.583926	-1.71255
cg22575379	NUDT16P;NUDT16P	0.00395623	0.226489	0.900378	-1.11064	0.120747	0.870179	-1.14919	0.0119896	0.77182	-1.29564	0.227706	0.90065	-1.11031	0.230207	0.901204	-1.10963
cg14654533	NUDT16P;NUDT16P	0.00918072	0.0292608	7.63155	7.63155	0.0307767	7.44348	7.44348	0.16845	3.19393	3.19393	0.0800817	4.64851	4.64851	0.0425313	6.3474	6.3474
cg15240852	NUDT16P;NUDT16P	0.0122766	0.209145	0.654184	-1.52862	0.0168548	0.392704	-2.54645	0.0243929	0.423231	-2.36277	0.141611	0.602518	-1.6597	0.226223	0.66542	-1.50281
cg20804831	NUDT16P;NUDT16P	0.0155075	0.017124	5.20863	5.20863	0.038233	3.91202	3.91202	0.204596	2.13884	2.13884	0.115499	2.64266	2.64266	0.158619	2.35334	2.35334
cg19962116	NUDT16P;NUDT16P	0.0214393	0.0372966	17.0015	17.0015	0.0874173	9.13233	9.13233	0.165412	5.66446	5.66446	0.0832912	9.46261	9.46261	0.246143	4.14423	4.14423
cg15859350	NUDT16P;NUDT16P	0.0308815	0.0150609	1.58813	1.58813	0.0277186	1.49613	1.49613	0.892396	0.979264	-1.02118	0.292431	0.844416	-1.18425	0.0683781	1.37151	1.37151
cg14845282	NUDT16P;NUDT16P	0.0330951	0.0288738	4.95426	4.95426	0.0267352	5.1046	5.1046	0.192518	2.35517	2.35517	0.0919967	3.16443	3.16443	0.1246	2.80838	2.80838
cg14709292	NUDT16P;NUDT16P	0.0338114	0.0120758	9.05126	9.05126	0.186217	2.68167	2.68167	0.138457	3.07317	3.07317	0.761985	0.807495	-1.2384	0.714339	0.772003	-1.29533
cg06218008	NUDT17	5.42E-05	0.461029	1.20553	1.20553	0.913687	1.02737	1.02737	0.0454484	1.77084	1.77084	0.0696205	0.603246	-1.6577	0.345837	1.27355	1.27355
cg16381028	NUDT17	0.000281474	0.937821	1.01249	1.01249	2.17E-06	6.34668	6.34668	0.82387	1.0361	1.0361	0.937962	0.987693	-1.01246	0.762827	1.04933	1.04933
cg15521792	NUDT17	0.000926202	0.000183744	0.0465042	-21.5034	0.0795858	0.388925	-2.57119	0.00767783	0.189599	-5.2743	0.497104	1.3974	1.3974	0.00164847	0.112296	-8.90507
cg16928044	NUDT17	0.0112429	0.00120401	0.213922	-4.67459	0.835242	1.07006	1.07006	0.0574935	0.497305	-2.01084	0.343392	0.728053	-1.37353	0.028813	0.43246	-2.31235
cg01950958	NUDT17	0.0131982	0.00564477	0.222117	-4.50213	0.031501	0.351755	-2.84289	0.0195439	0.310699	-3.21855	0.0488671	0.393875	-2.53888	0.00885699	0.251556	-3.97526
cg00025211	NUDT17	0.0168769	0.00420966	0.365676	-2.73466	0.224739	1.39752	1.39752	0.990299	1.0032	1.0032	0.564041	1.1654	1.1654	0.00868465	0.415664	-2.40579
cg18202003	NUDT18	0.000146063	0.00821288	0.823553	-1.21425	0.712832	1.02145	1.02145	0.600777	1.03078	1.03078	0.00700141	1.22166	1.22166	0.000856948	0.750157	-1.33305
cg09951048	NUDT18	0.00398177	0.0524598	0.622226	-1.60713	0.349656	1.23014	1.23014	0.97921	0.994409	-1.00562	0.608808	1.11746	1.11746	0.209384	1.3293	1.3293
cg25159159	NUDT18	0.00799871	0.00937677	0.394	-2.53807	0.230006	0.700418	-1.42772	0.0291797	0.483522	-2.06816	0.00465405	0.345029	-2.89831	0.0288156	0.482451	-2.07275
cg22294063	NUDT18	0.0244515	0.0780978	0.443797	-2.25328	0.0160082	0.294138	-3.39977	0.05919	0.413101	-2.42072	0.136593	1.94558	1.94558	0.0117505	0.270865	-3.69188
cg13157960	NUDT19	0.000107107	0.190798	0.921941	-1.08467	0.000167867	1.45616	1.45616	0.000687451	1.35543	1.35543	0.00159215	1.30454	1.30454	3.77E-06	1.88398	1.88398
cg15248132	NUDT19	0.000821784	0.039371	0.559508	-1.78728	0.887415	1.03512	1.03512	0.222962	0.731988	-1.36614	0.260669	0.751396	-1.33086	0.0263796	0.526483	-1.89939
cg07201929	NUDT19	0.00422413	0.00411189	0.685181	-1.45947	0.956418	0.994646	-1.00538	0.054188	1.23941	1.23941	0.698633	0.962506	-1.03895	0.0371469	0.788463	-1.26829
cg21498471	NUDT19	0.0143131	0.477284	1.39786	1.39786	0.208986	1.84758	1.84758	0.0400509	0.332907	-3.00384	0.320632	1.60908	1.60908	0.0376757	0.327094	-3.05723
cg24149930	NUDT19	0.0497261	0.761311	1.04861	1.04861	0.24393	0.827006	-1.20918	0.507331	1.11049	1.11049	0.0935629	1.33288	1.33288	0.271545	1.19522	1.19522
cg21060429	NUDT1;NUDT1;NUDT1;FTSJ2	0.0330395	0.26256	0.681676	-1.46697	0.849865	0.939728	-1.06414	0.595358	0.838756	-1.19224	0.693186	0.878025	-1.13892	0.000672961	0.181576	-5.50733
cg22516733	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;FTSJ2;NUDT1;NUDT1	0.00391551	0.214911	0.732797	-1.36463	0.756812	1.07678	1.07678	0.793598	0.939467	-1.06443	0.170958	0.706685	-1.41506	0.00199931	0.353846	-2.82609
cg01748498	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	4.17E-05	0.667742	1.0767	1.0767	0.111626	0.743405	-1.34516	0.011345	0.581308	-1.72026	0.00891947	1.76711	1.76711	6.55E-06	0.179601	-5.56789
cg05861879	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	0.010143	0.146456	0.678052	-1.47481	0.0295461	0.527987	-1.89399	0.132468	0.667201	-1.4988	0.222919	0.726708	-1.37607	0.000207879	0.212767	-4.69997
cg13550401	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	0.0310831	0.483883	1.31371	1.31371	0.010623	0.291664	-3.42861	0.212462	0.604321	-1.65475	0.0389623	0.399875	-2.50078	0.0322581	0.382251	-2.61608
cg10974601	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	0.0371747	0.435758	1.40294	1.40294	0.0161913	3.49887	3.49887	0.0330925	2.88899	2.88899	0.0210403	3.25999	3.25999	0.592203	0.794353	-1.25889
cg02326253	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	0.0423397	0.518396	0.84271	-1.18665	0.00873974	0.417644	-2.39439	0.00409931	0.365455	-2.73632	0.489692	0.832421	-1.20131	0.860045	0.954919	-1.04721
cg03663120	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	0.0499599	0.259358	0.59895	-1.66959	0.863509	1.07783	1.07783	0.624871	0.80681	-1.23945	0.055923	0.389325	-2.56855	0.837303	1.0937	1.0937
cg02022431	NUDT21	0.0370579	0.946128	0.981535	-1.01881	0.180251	0.675394	-1.48062	0.100645	0.608981	-1.64209	0.185212	0.67875	-1.4733	0.000840224	0.250235	-3.99625
cg13208494	NUDT22;TRPT1;TRPT1;NUDT22;TRPT1;NUDT22;TRPT1;TRPT1;TRPT1	0.0302589	0.131209	1.15709	1.15709	0.112533	1.16729	1.16729	0.396755	1.0808	1.0808	0.107003	0.854236	-1.17064	0.0421827	0.810928	-1.23316
cg19465662	NUDT22;TRPT1;TRPT1;TRPT1;NUDT22;TRPT1;TRPT1;NUDT22;TRPT1;TRPT1;TRPT1;TRPT1;TRPT1;TRPT1	0.0170774	0.835369	1.04059	1.04059	0.656691	0.918017	-1.0893	0.953312	1.01126	1.01126	0.000265114	0.31811	-3.14357	0.0650092	0.672887	-1.48613
cg19398446	NUDT2;NUDT2;KIF24;NUDT2;NUDT2;NUDT2;NUDT2	0.0057466	0.170334	1.19414	1.19414	0.00110847	1.79315	1.79315	0.236732	0.860171	-1.16256	0.0792895	0.789233	-1.26705	0.279379	1.14642	1.14642
cg16702449	NUDT3	0.00125037	0.234578	1.43816	1.43816	0.0855557	1.74062	1.74062	0.916014	1.03124	1.03124	0.681997	0.886789	-1.12766	0.0191898	0.437643	-2.28497
cg01471621	NUDT3	0.0211408	0.0185313	0.367708	-2.71955	0.0856033	0.513913	-1.94585	0.136957	0.570485	-1.7529	0.0716634	0.494291	-2.0231	0.00688175	0.293508	-3.40707
cg20159193	NUDT3	0.0248608	0.259848	0.746741	-1.33915	0.284479	1.31818	1.31818	0.681096	0.902422	-1.10813	0.618726	1.13276	1.13276	0.935195	0.979997	-1.02041
cg19494811	NUDT3	0.0251069	0.19473	0.728029	-1.37357	0.186342	1.38291	1.38291	0.00263105	2.62075	2.62075	0.0386354	1.74066	1.74066	0.454002	0.838201	-1.19303

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00625331	0.346616	0.798089	-1.25299	0.0160171	0.503542	-1.98593	0.179759	1.39313	1.39313	0.159022	1.41946	1.41946	4.37912	3.3384	0.762345	1
cg07508609	0.229768	1.99011	1.99011	0.590945	1.3449	1.3449	0.473812	1.48862	1.48862	0.498369	1.45554	1.45554	3.92745	16.491	4.19891	1
cg08108362	0.11991	1.91552	1.91552	0.561847	0.797748	-1.25353	0.155143	1.79696	1.79696	0.0113581	3.39049	3.39049	3.67961	8.6493	2.08943	1
cg03612445	0.0935052	0.530932	-1.88348	0.0427653	0.449137	-2.22649	0.36308	1.37826	1.37826	0.556233	0.81524	-1.22663	3.49318	6.51716	1.65838	1
cg07178808	0.000307219	0.277276	-3.60651	0.00921624	0.48502	-2.06177	0.706212	1.08642	1.08642	0.102726	0.676516	-1.47816	11.0006	8.34777	0.674528	1
cg05406475	0.000297729	0.295533	-3.38372	0.0412772	0.614224	-1.62807	0.508585	1.14894	1.14894	0.145877	0.723792	-1.38161	5.15905	3.50244	0.60346	1
cg26697477	0.0120369	0.524221	-1.90759	0.464972	0.857821	-1.16574	0.00460764	2.17622	2.17622	0.231633	0.772031	-1.29529	3.95852	2.66635	0.59873	1
cg03226752	0.0310028	0.280396	-3.56638	0.314076	0.592866	-1.68672	0.228426	0.530064	-1.88657	0.122785	0.431879	-2.31546	3.56669	14.2432	3.54968	1
cg04829521	0.0877735	1.3665	1.3665	0.00907619	1.73224	1.73224	0.837984	0.966643	-1.03451	0.894141	1.02231	1.02231	3.55163	1.5445	0.386553	1
cg08662533	0.00228919	0.325745	-3.06988	0.145609	0.662971	-1.50836	0.592344	1.15278	1.15278	0.11753	0.639425	-1.5639	3.40045	3.72674	0.974181	1
cg09085417	0.0293535	0.134325	-7.44462	?	?	?	?	?	?	?	?	?	8.42328	45.3485	8.61394	1
cg06874920	0.180003	1.53931	1.53931	0.0286285	0.457416	-2.18619	0.530053	0.824734	-1.21251	0.841417	0.94112	-1.06256	4.17077	6.06155	1.29186	1
cg04680833	0.716807	1.03388	1.03388	0.00906413	0.738336	-1.3544	0.0561425	1.21879	1.21879	0.731411	0.968975	-1.03202	3.55133	0.470574	0.117783	1
cg23551132	0.392808	1.20044	1.20044	0.0270709	1.72657	1.72657	0.595146	0.894111	-1.11843	0.387037	0.831075	-1.20326	13.4367	8.23816	0.613109	1
cg23623486	0.24524	1.13555	1.13555	0.00595771	1.45652	1.45652	0.970695	1.00385	1.00385	0.0420804	1.27755	1.27755	10.8004	1.87092	0.153979	1
cg10328875	0.318535	1.27174	1.27174	0.69171	1.09739	1.09739	0.515632	0.857526	-1.16614	0.762987	0.931908	-1.07307	9.38328	7.18208	0.765412	1
cg21033861	0.01461	0.294322	-3.39764	0.0157684	0.300219	-3.3309	0.624352	0.818125	-1.22231	0.00882878	0.257696	-3.88054	6.44702	16.8918	2.32897	1
cg02911569	0.0630404	1.41128	1.41128	0.993641	0.998688	-1.00131	0.00538616	0.546828	-1.82873	0.196682	1.25217	1.25217	6.35433	2.73143	0.382092	1
cg02175309	0.93864	1.02774	1.02774	0.255918	1.52431	1.52431	0.868218	1.0608	1.0608	0.233029	0.641157	-1.55968	5.95505	11.9159	1.77865	1
cg01642415	0.0809566	1.29035	1.29035	0.00249457	1.73937	1.73937	0.488164	0.911396	-1.09722	0.299463	0.867917	-1.15218	4.91312	1.35036	0.24431	1
cg13131167	0.435112	1.54455	1.54455	0.974782	0.982891	-1.01741	0.0389393	0.27118	-3.68759	0.0141594	0.191547	-5.22066	3.81839	18.0241	4.19587	1
cg02275713	0.996507	0.999192	-1.00081	0.00022579	0.322183	-3.10382	0.00211954	0.450364	-2.22043	0.000334841	0.343596	-2.91039	11.5648	6.2455	0.480041	1
cg19265998	0.397533	0.865326	-1.15563	0.000509968	0.403983	-2.47535	0.230471	0.810534	-1.23375	0.108612	0.7466	-1.33941	6.6513	2.93708	0.392516	1
cg22768531	0.701873	0.902349	-1.10822	0.02149	0.478117	-2.09154	0.455443	0.816201	-1.22519	0.182807	1.45889	1.45889	5.15966	5.83259	1.00482	1
cg12575751	0.170279	1.10678	1.10678	0.00217521	1.34821	1.34821	0.00183736	1.35985	1.35985	0.023314	1.2072	1.2072	6.25726	0.478227	0.0679356	1
cg09178514	0.222276	0.891872	-1.12124	0.0394239	0.808507	-1.23685	0.252563	1.11251	1.11251	0.104327	1.17164	1.17164	3.5074	0.442124	0.112048	1
cg24606240	0.00290408	0.605377	-1.65186	0.0255871	1.38436	1.38436	0.428035	0.905542	-1.10431	0.00197499	0.585051	-1.70925	23.8128	5.67088	0.211684	1
cg10021156	0.0954548	0.717502	-1.39373	0.596746	1.10161	1.10161	0.00500639	0.510126	-1.9603	0.792695	0.953383	-1.0489	17.2134	8.95551	0.462458	1
cg03547581	0.00611015	0.460603	-2.17107	0.00398582	0.432375	-2.3128	0.0870211	1.50587	1.50587	0.00307655	0.415708	-2.40554	9.70596	7.21327	0.660604	1
cg05051117	0.0496163	1.26786	1.26786	0.586859	1.05986	1.05986	0.00345041	0.65653	-1.52316	0.467994	0.924739	-1.08139	8.69649	1.54631	0.158052	1
cg00547768	0.0844919	0.677134	-1.47681	0.0170387	0.551933	-1.81181	0.0461115	1.59507	1.59507	0.0120154	0.527251	-1.89663	6.59152	4.35775	0.587657	1
cg09161758	0.00958882	0.414746	-2.41112	0.411312	0.798163	-1.25288	0.920365	0.973522	-1.0272	0.0648803	0.573305	-1.74427	5.78014	6.59234	1.01379	1
cg15006843	0.00132937	0.444072	-2.25189	0.0213867	0.618207	-1.61758	0.0873804	0.720183	-1.38854	0.107285	0.736568	-1.35765	5.29659	2.53778	0.425898	1
cg06665535	0.940143	0.987682	-1.01247	0.0603028	1.41859	1.41859	0.500615	0.893304	-1.11944	0.378581	0.861489	-1.16078	4.93048	2.12697	0.383459	1
cg09821112	0.898431	1.0215	1.0215	0.71861	0.941509	-1.06212	0.564847	0.907615	-1.10179	0.676979	0.932595	-1.07228	4.27878	1.88025	0.39061	1
cg05386151	0.481261	0.796011	-1.25626	0.0194583	0.406481	-2.46014	0.00590107	3.15183	3.15183	0.0138185	2.63719	2.63719	4.74641	7.63491	1.42984	1
cg21438558	0.151472	1.3023	1.3023	3.97E-06	0.158327	-6.31603	0.593458	0.911555	-1.09703	3.75E-06	0.156156	-6.40383	28.1457	13.1661	0.415806	1
cg25841309	0.0458619	0.600747	-1.66459	9.74E-05	0.213877	-4.67557	0.00129726	0.352297	-2.83852	0.070864	0.638038	-1.56731	16.3982	12.8748	0.697895	1
cg27400644	0.126715	2.18445	2.18445	1.45E-05	0.0140275	-71.2885	0.0182099	0.257698	-3.88051	0.651601	1.23987	1.23987	14.3212	50.746	3.1497	1
cg26005232	0.224668	0.517863	-1.93101	0.000830218	0.0745315	-13.4171	0.758581	0.852948	-1.1724	0.95705	1.02818	1.02818	5.72817	24.1505	3.74763	1
cg26606628	0.0055949	0.30296	-3.30076	0.853559	0.941155	-1.06252	0.724044	0.890162	-1.12339	0.313597	1.40788	1.40788	4.52928	7.72813	1.51668	1
cg13399755	0.539717	1.27921	1.27921	0.544966	1.27503	1.27503	0.622266	0.821344	-1.21752	0.852615	0.929009	-1.07642	4.70062	11.4213	1.88981	1
cg18387343	0.694111	0.950077	-1.05255	0.0496505	0.748151	-1.33663	0.560048	0.92649	-1.07934	0.0828553	1.28253	1.28253	3.95305	1.051	0.236329	1
cg05954817	0.0523622	0.753978	-1.3263	0.573646	0.929816	-1.07548	0.667504	1.05687	1.05687	0.037764	0.73464	-1.36121	3.72927	0.967507	0.23061	1
cg10919176	2.35E-07	0.00886255	-112.834	0.0176474	2.41191	2.41191	0.544596	0.829418	-1.20566	0.403813	0.770627	-1.29764	36.3082	47.549	1.3096	1
cg19898828	0.275148	0.897189	-1.11459	0.0519403	1.2353	1.2353	0.388753	1.08807	1.08807	0.212523	0.882084	-1.13368	12.6665	1.83173	0.128545	1
cg02458499	0.0367616	0.352775	-2.83466	0.000849309	0.116075	-8.61514	0.885693	0.940095	-1.06372	0.0427284	0.367227	-2.72311	6.14929	17.9622	2.59646	1
cg07271718	0.80324	1.09959	1.09959	0.13688	0.543704	-1.83924	0.517562	1.28337	1.28337	0.150242	0.556294	-1.79761	3.98737	9.1322	2.03581	1
cg11088743	0.233381	1.18111	1.18111	0.0233824	0.697064	-1.43459	0.111635	1.25964	1.25964	0.83109	0.971944	-1.02887	35.7885	10.0595	0.249851	1
cg12328282	0.00317133	0.204928	-4.87975	0.892011	1.05487	1.05487	0.0795538	0.465203	-2.1496	0.40817	0.716983	-1.39473	6.89119	15.0035	2.1772	1
cg02592798	0.909856	0.98279	-1.01751	0.173127	0.800764	-1.24881	0.0611733	0.723697	-1.38179	0.00242722	1.90994	1.90994	5.28337	1.96593	0.330754	1
cg10958815	0.376367	0.777817	-1.28565	0.00013926	0.136592	-7.32108	0.215781	1.4362	1.4362	0.0041932	0.329842	-3.03175	9.82001	11.5721	0.916551	1
cg16029838	0.371821	0.915114	-1.09276	0.000611787	0.60012	-1.66633	0.0528539	1.23725	1.23725	0.503169	1.06794	1.06794	6.49652	0.962957	0.131757	1
cg23969884	0.348864	1.25697	1.25697	0.638019	1.11893	1.11893	0.00960494	2.17595	2.17595	0.0856099	1.56922	1.56922	3.4638	3.08498	0.791676	1
cg13301931	0.14895	0.62991	-1.58753	0.00845899	0.366446	-2.72891	0.670013	1.13655	1.13655	0.0970651	0.580539	-1.72254	3.39959	4.8008	1.25526	1
cg08530030	0.00507373	0.386328	-2.58847	0.0256408	0.506325	-1.97502	0.83021	1.05668	1.05668	0.996611	0.99891	-1.00109	4.61578	4.81805	0.927843	1
cg04651193	0.597296	1.10803	1.10803	9.29E-05	0.261353	-3.82624	0.0382996	0.630084	-1.58709	0.0933518	0.701086	-1.42636	21.6354	12.6853	0.521178	1
cg21844331	0.310489	1.48047	1.48047	0.0141124	3.10374	3.10374	0.00161565	5.41979	5.41979	0.26001	1.55161	1.55161	7.54855	16.7124	1.96798	1
cg16202017	0.895053	1.03547	1.03547	0.316995	1.3142	1.3142	0.620421	0.876459	-1.14096	0.668013	0.892293	-1.12071	4.41439	4.87767	0.982177	1
cg22363867	0.398748	0.732545	-1.3651	0.144107	1.75996	1.75996	0.186788	1.65553	1.65553	0.991883	1.00367	1.00367	4.28731	8.81191	1.82698	1
cg15159291	0.173327	1.44918	1.44918	0.328084	1.2934	1.2934	0.211053	1.40061	1.40061	0.919881	1.02585	1.02585	4.26814	4.25682	0.775716	1
cg06780601	0.0440489	0.531705	-1.88074	0.17306	1.48559	1.48559	0.715573	0.904922	-1.10507	0.217214	1.42538	1.42538	3.88898	4.59064	1.04927	1
cg15837118	0.10729	1.33296	1.33296	0.996552	0.999294	-1.00071	0.217232	1.23646	1.23646	0.0619146	0.709132	-1.41017	9.94604	4.21072	0.376316	1
cg05686542	0.0104372	0.366213	-2.73065	0.282276	0.70602	-1.41639	0.0898039	1.79074	1.79074	0.359644	0.745696	-1.34103	6.77938	10.4222	1.36653	1
cg07655627	0.346192	0.565208	-1.76926	0.0176232	0.182996	-5.46459	0.0403318	0.248318	-4.0271	0.836935	0.885848	-1.12886	3.80177	20.8285	4.8699	1
cg04833713	0.000909193	0.113944	-8.77624	0.00058065	0.0973182	-10.2756	0.370012	0.668258	-1.49643	0.00439648	0.18918	-5.28597	12.7086	38.5863	2.69888	1
cg24859941	0.744575	0.896981	-1.11485	0.000247031	0.133589	-7.48565	0.687493	0.874169	-1.14394	0.00427386	0.280502	-3.56503	6.84341	11.9872	1.55701	1
cg01701415	0.19847	1.51185	1.51185	0.00362252	0.301949	-3.31182	0.595735	1.17687	1.17687	0.000348855	0.173986	-5.7476	14.0688	20.6121	1.30231	1
cg05898953	0.149601	0.583799	-1.71292	0.359446	0.720191	-1.38852	0.176576	1.64945	1.64945	0.0658317	0.487217	-2.05247	11.165	21.4585	1.7084	1
cg21435394	0.000509553	3.80967	3.80967	0.68647	1.10515	1.10515	0.00674114	2.37609	2.37609	0.354732	1.26436	1.26436	8.72263	8.3857	0.854553	1
cg18905633	0.513809	1.15704	1.15704	0.23229	1.3178	1.3178	0.967671	0.991111	-1.00897	0.281095	0.781295	-1.27993	7.74236	5.95125	0.683254	1
cg23680124	0.0162344	1.72643	1.72643	0.00403661	2.04899	2.04899	0.0612285	1.47962	1.47962	0.0884604	0.705307	-1.41782	7.4463	4.0691	0.485742	1
cg18413305	0.106397	1.28496	1.28496	0.140894	1.2526	1.2526	0.00128973	1.94832	1.94832	0.111448	0.781494	-1.2796	6.82366	2.18547	0.284692	1
cg00105253	0.00729679	2.01236	2.01236	0.159604	0.738042	-1.35494	0.467837	1.16103	1.16103	0.859561	0.964838	-1.03644	3.50326	2.26661	0.57511	1
cg09611287	0.0136139	1.60896	1.60896	0.019944	0.645527	-1.54912	0.0309268	1.48407	1.48407	0.623033	1.08025	1.08025	9.69706	3.7284	0.341767	1
cg15439466	0.228056	1.18595	1.18595	0.0233868	0.694106	-1.4407	0.419187	0.894703	-1.11769	0.0194971	1.46315	1.46315	7.01468	2.01862	0.255796	1
cg27269570	0.0169772	0.275103	-3.63501	0.00445137	0.185986	-5.37675	0.345195	0.649856	-1.5388	0.013991	0.260436	-3.83971	6.312	19.6469	2.76679	1
cg05969306	0.0376993	0.316182	-3.16273	0.00356312	0.151639	-6.59459	0.00608706	0.180741	-5.53277	0.0861189	0.4042	-2.47402	4.83339	17.4671	3.2123	1
cg01596986	0.0111399	0.376679	-2.65478	0.772964	1.09282	1.09282	0.601849	1.17531	1.17531	0.769668	0.913844	-1.09428	3.54966	5.29338	1.32554	1
cg07384974	0.0209689	0.601233	-1.66325	0.00187007	0.445691	-2.24371	0.767897	1.05571	1.05571	0.00102565	0.410067	-2.43863	10.0731	5.35309	0.472375	1
cg14506646	0.0190689	0.685967	-1.4578	0.00123341	0.533896	-1.87302	0.592948	1.07431	1.07431	0.0141628	1.49496	1.49496	8.9232	2.49375	0.248416	1
cg01092811	0.618981	1.07922	1.07922	0.953458	0.991163	-1.00892	0.9303	1.01339	1.01339	0.000351916	2.39459	2.39459	4.6964	1.72004	0.325553	1
cg25437259	0.191888	2.20283	2.20283	0.411437	1.61627	1.61627	0.00209777	11.8677	11.8677	0.00479332	8.49952	8.49952	4.59397	23.7773	4.60068	1
cg17789800	0.490307	0.603032	-1.65829	0.228102	0.401254	-2.49219	0.00499163	14.6161	14.6161	0.0286437	6.44642	6.44642	3.98606	32.8927	7.33506	1
cg11162249	0.164502	0.450922	-2.21768	0.313881	1.74479	1.74479	0.00025764	0.0308414	-32.4239	0.117882	2.49538	2.49538	7.22721	31.6749	3.40879	1
cg10203522	0.250497	0.737067	-1.35673	0.00201847	0.330682	-3.02405	0.027224	0.514793	-1.94253	0.000117441	0.180242	-5.5481	13.9813	14.293	0.90871	1
cg05697253	0.921858	1.03036	1.03036	0.93587	1.02483	1.02483	0.00652668	2.93669	2.93669	0.139666	1.62328	1.62328	4.72732	6.95567	1.30789	1
cg14230378	0.00643015	3.53997	3.53997	8.49E-05	12.4203	12.4203	0.00254206	4.45378	4.45378	0.20418	1.6127	1.6127	9.52333	19.1857	1.79076	1
cg19831706	0.653132	1.23919	1.23919	0.0650682	0.374578	-2.66967	0.000378643	14.7663	14.7663	0.00323031	6.71683	6.71683	8.91354	31.7258	3.16381	1
cg22575379	0.00105898	1.49197	1.49197	0.0206268	1.25908	1.25908	0.00788499	1.32533	1.32533	0.808625	1.02025	1.02025	7.87857	0.852085	0.0961353	1
cg14654533	0.0304867	7.47836	7.47836	0.000534767	71.0963	71.0963	0.00560614	17.7739	17.7739	0.0149914	10.6587	10.6587	6.0739	60.2308	8.8145	1
cg15240852	0.599425	1.18518	1.18518	0.217457	1.51579	1.51579	0.934286	0.973911	-1.02679	0.000569093	0.180688	-5.53439	5.53241	9.00375	1.44663	1
cg20804831	0.0680307	3.19211	3.19211	0.000953125	16.3857	16.3857	0.00709598	7.21086	7.21086	0.0343474	4.06302	4.06302	5.12392	26.1764	4.54104	1
cg19962116	0.0852428	9.30301	9.30301	0.00231109	146.918	146.918	0.00589713	68.2279	68.2279	0.0115035	40.6613	40.6613	4.5944	99.9771	19.3428	1
cg15859350	0.0345608	1.46458	1.46458	0.00569351	1.7532	1.7532	0.241946	1.20879	1.20879	0.572035	1.09243	1.09243	4.04495	1.53561	0.337455	1
cg14845282	0.30898	1.92304	1.92304	0.00305623	12.4221	12.4221	0.0201556	5.69997	5.69997	0.0309692	4.82148	4.82148	3.94597	24.1045	5.4299	1
cg14709292	0.268725	2.24976	2.24976	0.97492	1.02237	1.02237	0.0093258	10.189	10.189	0.00550708	13.0451	13.0451	3.91568	30.7261	6.97505	1
cg06218008	0.401678	0.80752	-1.23836	6.18E-07	0.0331624	-30.1546	0.145797	1.47545	1.47545	0.171356	1.43725	1.43725	26.0603	25.6048	0.873354	1
cg16381028	0.631893	1.07981	1.07981	0.0422818	1.45084	1.45084	0.117698	1.31036	1.31036	0.256894	1.20714	1.20714	16.7394	6.70999	0.356311	1
cg15521792	0.00627904	0.177636	-5.62949	0.000423212	0.0665042	-15.0366	0.138229	0.460862	-2.16985	0.00128525	0.102524	-9.75385	12.0248	44.8624	3.3163	1
cg16928044	0.0248545	0.419642	-2.38298	0.00529471	0.302656	-3.30409	0.0289029	0.432734	-2.31089	0.0180417	0.392956	-2.54481	5.69228	9.53181	1.48846	1
cg01950958	0.0621693	0.419049	-2.38635	0.00343258	0.192717	-5.18895	0.0145168	0.287275	-3.48098	0.0358077	0.363581	-2.75042	5.40337	14.6838	2.41559	1
cg00025211	0.16596	0.678575	-1.47368	0.0695092	0.586908	-1.70384	0.16875	0.680525	-1.46945	0.00704479	0.400807	-2.49497	4.98157	5.43539	0.969867	1
cg18202003	1.25E-05	0.589503	-1.69635	0.00308553	0.792541	-1.26176	0.010597	0.831492	-1.20266	0.000556333	0.735288	-1.36001	19.9997	1.04396	0.0463987	1
cg09951048	0.746765	0.932668	-1.07219	6.36E-05	0.20538	-4.86902	0.823744	1.04917	1.04917	0.730214	1.07732	1.07732	7.86331	5.7646	0.651645	1
cg25159159	0.0387283	0.508246	-1.96755	0.018571	0.446194	-2.24118	0.00131513	0.266635	-3.75045	0.00553516	0.356758	-2.80302	6.34447	8.03245	1.12538	1
cg22294063	0.0258189	0.333412	-2.99929	0.0346051	0.359706	-2.78005	0.991	1.00469	1.00469	0.0541178	0.403667	-2.47729	4.39094	11.9772	2.42462	1
cg13157960	0.00625862	1.23246	1.23246	0.199451	1.08279	1.08279	0.370426	1.05545	1.05545	0.429083	1.0485	1.0485	21.7374	1.18506	0.0484596	1
cg15248132	0.504718	1.1793	1.1793	1.30E-05	0.107498	-9.30253	0.0683253	1.64418	1.64418	0.595018	1.13964	1.13964	12.4377	11.6924	0.835626	1
cg07201929	0.120554	0.847565	-1.17985	0.000348699	0.568471	-1.75911	0.620325	1.05027	1.05027	0.143921	1.16674	1.16674	7.72431	1.18031	0.135826	1
cg21498471	0.205453	1.85742	1.85742	0.00862185	4.72353	4.72353	0.00684371	0.197191	-5.07122	0.896719	0.941578	-1.06205	5.26146	17.9043	3.02481	1
cg24149930	0.278123	1.1921	1.1921	0.00243716	0.518264	-1.92952	0.870876	0.974973	-1.02567	0.931915	1.0134	1.0134	3.39521	1.30532	0.341742	1
cg21060429	0.174713	0.622784	-1.60569	0.0674132	0.510548	-1.95868	0.740867	1.11502	1.11502	0.0915513	0.54363	-1.83949	3.94835	6.7294	1.51498	1
cg22516733	8.71E-05	0.187151	-5.34328	0.147591	0.690733	-1.44774	0.522424	0.85695	-1.16693	0.132845	0.679655	-1.47133	7.90315	7.09819	0.798353	1
cg01748498	0.0818355	1.39094	1.39094	2.58E-05	0.240142	-4.1642	0.265414	0.819873	-1.2197	8.46E-05	0.298381	-3.35142	27.922	12.95	0.412258	1
cg05861879	0.0171415	0.484745	-2.06294	0.905997	1.02988	1.02988	0.483826	0.837477	-1.19406	0.120394	0.657106	-1.52182	5.88382	5.78977	0.87468	1
cg13550401	0.722771	0.872309	-1.14638	0.00481149	0.238187	-4.19838	0.553929	1.25812	1.25812	0.185022	0.583269	-1.71448	4.03558	9.40095	2.07068	1
cg10974601	0.546549	0.771199	-1.29668	0.150742	1.92656	1.92656	0.0212952	3.24946	3.24946	0.025014	3.11239	3.11239	3.78336	10.8635	2.55235	1
cg02326253	0.046368	0.550772	-1.81563	0.445142	0.815915	-1.22562	0.27552	1.34515	1.34515	0.377664	0.789306	-1.26694	3.60653	3.90231	0.961789	1
cg03663120	0.89583	0.944534	-1.05872	0.0123378	3.88558	3.88558	0.0140996	3.74287	3.74287	0.424982	0.701235	-1.42606	3.38917	10.1857	2.67144	1
cg02022431	0.20546	0.691832	-1.44544	0.0888824	0.595981	-1.67791	0.246008	0.715608	-1.39741	0.0702569	0.572292	-1.74736	3.7877	4.56312	1.07086	1
cg13208494	0.0454562	1.22804	1.22804	0.00600373	1.37918	1.37918	0.632663	1.04406	1.04406	0.462449	1.06927	1.06927	4.07437	0.517335	0.112865	1
cg19465662	0.345257	0.830378	-1.20427	0.720672	0.93365	-1.07106	0.972886	0.993522	-1.00652	0.448015	1.15935	1.15935	4.96193	2.87325	0.514719	1
cg19398446	0.00529038	0.639764	-1.56308	0.345628	0.888684	-1.12526	0.175606	0.839468	-1.19123	0.0472099	1.31771	1.31771	7.03209	1.64413	0.207826	1
cg16702449	3.99E-05	0.101287	-9.87297	0.0209895	0.444933	-2.24753	?	?	?	0.81781	1.06961	1.06961	11.3004	13.5305	1.19735	1
cg01471621	0.0155907	0.353818	-2.82632	0.00864155	0.309456	-3.23148	0.491527	1.27734	1.27734	0.0335756	0.419049	-2.38635	4.61648	8.97446	1.728	1
cg20159193	0.430536	0.8188	-1.2213	0.108912	0.647651	-1.54404	0.0008395	3.48413	3.48413	0.177503	1.42772	1.42772	4.3657	4.26855	0.869108	1
cg19494811	0.598197	0.884209	-1.13095	0.0755659	0.632706	-1.58051	0.117771	1.48153	1.48153	0.71021	1.09021	1.09021	4.35077	3.68981	0.75385	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg12606880	NUDT3	0.047272	0.787526	0.718908	1.391	1.429393	0.968539	-1.15136	0.188467	0.782938	1.227724	1.222077	0.799951	-1.25008	0.00250407	0.480147	-2.08269	0.05519901	0.67844	-1.47397	0.0394001	0.659603	-1.51606	0.0606157	0.691001	-1.44758	0.0541357	0.682571	-1.46505	3.46088	1.67327	0.429762	1
cg05783329	NUDT3;NUDT3	0.00478029	0.967004	1.00465	1.00465	0.00910405	0.689352	-1.45064	0.9109598	0.987525	-1.01263	0.00766881	0.680646	-1.46919	0.36899	0.901601	-1.10914	0.06545774	0.792098	-1.26247	0.00217787	1.62052	1.62052	0.0167349	1.38799	1.38799	0.205856	1.16162	1.743983	1.48505	0.17743	1
cg04677942	NUDT4;NUDT4	0.02895073	0.0132613	0.474694	-2.10662	0.749392	1.080091	1.080091	0.149752	0.687361	-1.45484	0.758312	0.927814	-1.0778	0.00388078	0.389016	-2.57059	0.318679	0.778654	-1.28427	0.0741298	0.616857	-1.62112	0.97856	1.00654	1.00654	0.00778632	0.436289	-2.29206	4.13839	3.86256	0.829643	1
cg26424726	NUDT4;NUDT4;NUDT4P1;NUDT4P1;NUDT4;NUDT4P1;NUDT4;NUDT4P1	0.00943122	0.0892623	0.857357	-1.17135	0.106395	1.160461	1.160461	0.502616	1.05911	1.05911	0.217888	1.51561	1.51561	0.156359	1.13653	1.13653	0.20268069	0.7031328	-1.42245	0.482251	0.9415	-1.06213	0.00795806	1.33817	1.33817	0.0352757	1.22991	1.22991	0.022312	0.679452	0.10029	1
cg19637372	4	0.00234768	0.971104	0.996466	-1.00355	0.535304	1.06328	1.06328	0.235148	1.12932	1.12932	0.0508957	0.804623	-1.24282	0.454192	0.928192	-1.07736	0.02133447	0.763067	-1.3105	0.002071	0.98804	-1.0121	5.80E-05	2.07171	2.07171	0.956439	1.00535	1.00535	0.920046	1.39207	0.134493	1
cg09688127	NUDT4;NUDT4P1;NUDT4	0.01606983	0.394658	1.25861	1.25861	0.000255703	4.89787	4.89787	0.212327	1.41422	1.41422	0.709552	1.10374	1.10374	0.650976	1.12767	1.12767	0.0577207	1.76145	1.76145	0.036227	1.9012	1.9012	0.00840809	2.43034	2.43034	0.27617	1.3483	1.3483	5.78406	6.37621	0.979891	1
cg26302241	NUDT4;NUDT4P1;NUDT4	0.0281883	0.16417	0.66386	-1.50634	0.632969	0.875655	-1.142	0.788433	0.928458	-1.07705	0.0275741	0.252351	2.02255	0.110646	0.618934	-1.61568	0.0893457	1.64926	1.64926	0.0088523	0.398725	-2.50799	0.0274402	0.48679	-2.05427	0.9409	0.979744	-1.02067	4.1779	5.04	1.07231	1
cg20029140	NUDT5	0.00525406	0.0130957	0.667407	-1.43388	0.0097438	0.68192	-1.46645	0.00676751	0.662794	-1.50483	0.6161	0.82063	-1.22619	0.00124525	0.575566	-1.73742	0.00549141	0.652105	-1.53349	3.16E-05	0.386848	-2.58499	0.464585	1.09108	1.09108	0.00103078	0.564462	-1.7716	14.09052	3.06165	0.193077	1
cg17586365	NUDT5;CDC123;NUDT5	0.00313684	0.0184062	1.38192	1.38192	0.91291	0.987702	-1.01245	0.0132156	0.706521	-1.41539	0.0606553	1.27027	1.27027	0.101808	1.22455	1.22455	0.000999438	0.575387	-1.73796	0.0766753	0.800347	-1.24946	0.0610931	0.787635	-1.26962	0.0246938	1.35326	1.35326	8.445343	1.71116	0.180101	1
cg24411597	NUDT6;NUDT6	8.63E-05	0.1825481	1.881349	-1.13992	1.21E-05	0.938844	-1.28287	0.00367204	0.704208	-1.42004	0.00332479	0.594564	-1.49399	0.00168267	0.544004	-1.83784	0.0186891	0.775319	-1.28979	0.0015446	0.739724	-1.35181	0.00412417	0.705066	-1.41859	0.0012547	0.706355	-1.4173	2.156-05	0.046618	-2.1451	2.012058	2.80706	0.112224	1
cg24882820	NUDT6;NUDT6	0.0335264	0.88053	1.05174	1.05174	0.00324118	0.260064	-3.8452	0.00960804	0.332996	-3.00304	0.788339	0.913696	-1.09446	0.314104	0.141793	1.41793	0.2250559	1.53327	1.53327	0.0410277	0.559169	-1.69028	0.745665	1.11535	1.11535	0.604129	0.839084	-1.19178	9.32764	6.99866	1.58391	1
cg26845858	NUDT6;NUDT6;SPATS1	0.00715249	0.946898	0.994816	-1.00523	0.0309553	1.20219	1.22029	0.513315	1.05309	1.05309	0.0837769	1.56103	1.56103	0.236409	0.971558	-1.02757	0.00733567	1.30954	1.30954	0.00112413	0.687365	-1.45377	0.0833337	0.86108	-1.16133	0.338141	1.08009	1.08009	6.57078	6.631529	0.0870301	1
cg19449935	NUDT6;NUDT6;SPATS1	0.0133586	0.0520676	1.2584	1.2584	0.0389146	0.779919	-1.28218	0.596765	1.0571	1.0571	0.62908	1.05192	1.05192	0.602466	1.05918	1.05918	0.104942	0.831702	-1.20235	0.000617873	0.578037	-1.72999	0.704094	0.961091	-1.04048	0.253852	0.883442	-1.13194	5.38204	0.922027	0.15228	1
cg21122725	NUDT6;NUDT6;SPATS1	0.0152259	0.00558442	1.62007	1.62007	0.281344	0.862061	-1.16001	0.138014	1.2358	1.2358	0.0810451	1.46102	1.46102	0.131253	1.48448	1.48448	0.0014967	1.66432	1.66432	0.97748	1.00375	1.00375	0.491171	0.91187	-1.09665	0.39582	1.12218	1.12218	0.115514	1.43483	0.247404	1
cg01550909	NUDT6;NUDT6;SPATS1	0.04315121	0.781354	1.03267	1.03267	0.232826	1.155514	1.155514	0.368655	1.02843	1.02843	0.639235	0.940903	-1.05607	0.272245	1.14117	1.14117	0.108075	1.28261	1.28261	0.0307831	0.849235	-1.59148	0.0613603	0.73828	-1.35481	0.150618	0.57008	1.75008	0.755005	0.187983	1.15158	1
cg04843137	NUDT7;NUDT7	0.00124248	0.00046249	0.242796	-4.11869	0.000178877	0.195652	-5.11112	0.000839643	0.274895	-3.63776	0.529299	0.848889	-1.17801	0.02123399	0.49071	-2.03786	0.72768	0.914056	-1.09403	0.0073361	0.411278	-2.43144	0.623416	1.13567	1.13567	0.0359311	0.534021	-1.87259	11.1081	11.6253	0.930283	1
cg03385946	NUDT7;NUDT7	0.00400643	0.0663918	0.814821	-1.22726	0.5592	0.918562	-1.08546	0.120492	1.18236	1.18236	0.864999	0.983217	-1.01707	0.882733	1.21061	1.21061	0.5525201	0.941978	-1.0616	0.8056-05	0.492693	-2.02956	0.362354	0.890257	-1.12322	0.482262	0.931427	-1.07362	7.84669	1.1285	0.190284	1
cg09765964	NUDT7;NUDT7;NUDT7	0.01484978	0.0046455	0.518437	-1.92926	0.132636	1.565986	1.565986	0.168836	1.503	1.503	0.0175074	0.652831	-1.53179	0.00299101	0.322464	-3.10112	0.121002	0.626683	-1.5957	0.00870831	0.249526	-4.0076	0.110382	0.616586	-1.62183	0.132179	1.570827	1.570827	9.18165	1.087447	1
cg09895527	NUDT7;NUDT7	0.0277346	0.0170732	0.40909	-2.44445	0.271178	1.42212	1.42212	0.133128	0.607701	-1.64555	0.106816	0.582032	-1.71812	0.01567713	0.402283	-2.48581	0.467625	0.796766	-1.25507	0.00904052	0.360584	-2.77328	0.0989346	0.573429	-1.7439	0.208288	1.503151	1.503151	4.20185	6.288512	1.33032	1
cg00545155	NUDT7;NUDT7;NUDT7	0.0104427	0.00044929	0.263017	-3.80203	0.024668	0.98156	-1.2602	0.953525	1.01416	1.01416	0.597141	1.13737	1.13737	0.236824	1.13162	1.13162	0.3336074	1.27206	1.27206	0.0844885	0.634043	-1.58377	0.0105964	0.59049	-1.69364	0.0117422	1.37397	1.37397	5.83198	5.379015	0.81987	1
cg18784225	NUDT8	0.00561654	7	7	?	0.98599	0.994197	-1.00584	0.519175	0.805248	-1.24185	0.0596795	0.4944	-2.02265	0.108985	1.78492	1.78492	0.0148814	0.370525	-2.69887	0.0022203	0.140337	-7.67239	0.823969	1.07664	1.07664	0.965726	0.985859	-1.01434	7.23026	1.18561	1.54674	1
cg13174342	NUDT8	0.0126641	0.002531	0.283918	-3.52215	0.048438	0.945506	1.058759	0.0139798	0.707482	-1.41334	0.0233994	0.592429	-1.71195	0.00261001	0.56457	-1.77126	0.2439349	0.690833	-1.44835	7	7	?	0.0731301	0.897268	1.02134	0.225184	1.558314	7.29564	1.22037	1
cg23305971	NUDT9;NUDT9	0.00238907	0.577576	0.92713	-1.0786	4.17E-05	0.350082	-2.85648	0.000229869	0.439248	-2.27662	0.112146	1.26191	1.26191	0.00763632	1.58601	1.58601	0.3109969	1.8685111	-1.1514	0.00189362	1.80769	1.80769	0.2068869	0.836089	-1.19605	0.224784	0.842426	-1.18705	17.505	0.01392	0.254602	1
cg26456506	NUDT9;NUDT9;NUDT9	0.0110698	0.299069	0.536728	-1.86314	0.929411	0.105187	1.05187	0.163145	2.38694	2.38694	0.00108022	0.0401698	-24.8943	7	7	?	?	?	?	0.234608	2.06124	2.06124	0.113892	2.59736	2.59736	0.138168	2.6535	3.27546	1
cg24588148	NUDT9P1	0.09900026	0.120411	0.693146	-1.44233	0.0481	0.844021	1.185465	0.0359196	0.656157	1.52311	0.532311	0.430951	2.319525	0.0139116	0.630055	-1.58708	0.7383643	0.1260121	1.06121	1.06121	0.0680038	1.4371	1.4371	0.210641	1.06835	1.06835	0.4838	1.18127	1.843707	1.03564	1.03564	0.31232	3.04725	0.443149	1
cg24944474	NUDT9P1	0.0159608	0.0566101	0.793939	-1.25954	0.359954	0.904489	-1.1056	0.113545	1.2016	1.2016	0.443405	0.920032	-1.08692	0.00829258	1.4333	1.4333	0.0208698	1.34522	1.34522	0.019627	1.3508	1.3508	0.261664	1.13297	1.13297	0.0229805	1.33654	1.33654	5.07513	0.914371	0.160148	1
cg23034437	NUDT9P1	0.0169105	0.0656055	0.780987	-1.28092	0.323444	0.978154	1.073014	0.873718	0.943562	-1.06046	0.122492	1.18236	1.18236	0.864999	0.983217	-1.01707	0.882733	1.21061	1.21061	1.21061	0.5525201	0.941978	-1.0616	0.8056-05	0.492693	-2.02956	0.362354	0.890257	-1.12322	0.482262	0.931427	-1.07362	7.84669	1.1285	0.190284	1
cg09765964	NUDT7;NUDT7;NUDT7	0.00464515	0.0184978	0.518437	-1.92926	0.132636	1.565986	1.565986	0.168836	1.503	1.503	0.0175074	0.652831	-1.53179	0.00299101	0.322464	-3.10112	0.121002	0.626683	-1.5957	0.00870831	0.249526	-4.0076	0.110382	0.616586	-1.62183	0.132179	1.570827	1.570827	9.18165	1.087447	1
cg09895527	NUDT7;NUDT7	0.0277346	0.0170732	0.40909	-2.44445	0.271178	1.42212	1.42212	0.133128	0.607701	-1.64555	0.106816	0.582032	-1.71812	0.01567713	0.402283	-2.48581	0.467625	0.796766	-1.25507	0.00904052	0.360584	-2.77328	0.0989346	0.573429	-1.7439	0.208288	1.503151	1.503151	4.20185	6.288512	1.33032	1
cg00545155	NUDT7;NUDT7;NUDT7	0.0104427	0.00044929	0.263017	-3.80203	0.024668	0.98156	-1.2602	0.953525	1.01416	1.01416	0.597141	1.13737	1.13737	0.236824	1.13162	1.13162	0.3336074	1.27206	1.27206	0.0844885	0.634043	-1.58377	0.0105964	0.59049	-1.69364	0.0117422	1.37397	1.37397	5.83198	5.379015	0.81987	1
cg18784225	NUDT8	0.00561654	7	7	?	0.98599	0.994197	-1.00584	0.519175	0.805248	-1.24185	0.0596795	0.4944	-2.02265	0.108985	1.78492	1.78492	0.0148814	0.370525	-2.69887	0.0022203	0.140337	-7.67239	0.823969	1.07664	1.07664	0.965726	0.985859	-1.01434	7.23026	1.18561	1.54674	1
cg13174342	NUDT8	0.0126641	0.002531	0.283918	-3.52215	0.048438	0.945506	1.058759	0.0139798	0.707482	-1.41334	0.0233994	0.592429	-1.71195	0.00261001	0.56457	-1.77126	0.2439349	0.690833	-1.44835	7	7	?	0.0731301	0.897268	1.02134	0.225184	1.558314	7.29564	1.22037	1
cg23305971	NUDT9;NUDT9	0.00238907	0.577576	0.92713	-1.0786	4.17E-05	0.350082	-2.85648	0.000229869	0.439248	-2.27662	0.112146	1.26191	1.26191	0.00763632	1.58601	1.58601	0.3109969	1.8685111	-1.1514	0.00189362	1.80769	1.80769	0.2068869	0.836089	-1.19605	0.224784	0.842426	-1.18705	17.505	0.01392	0.254602	1
cg26456506	NUDT9;NUDT9;NUDT9	0.0110698	0.299069	0.536728	-1.86314	0.929411	0.105187	1.05187	0.163145	2.38694	2.38694	0.00108022	0.0401698	-24.8943	7	7	?	?	?	?	0.234608	2.06124	2.06124	0.113892	2.59736	2.59736	0.138168	2.6535	3.27546	1
cg24588148	NUDT9P1	0.09900026	0.120411	0.693146	-1.44233	0.0481	0.844021	1.185465	0.0359196	0.656157	1.52311	0.532311	0.430951	2.319525	0.0139116	0.630055	-1.58708	0.7383643	0.1260121	1.06121	1.06121	0.0680038	1.4371	1.4371	0.210641	1.06835	1.06835	0.4838	1.18127	1.843707	1.03564	1.03564	0.31232	3.04725	0.443149	1
cg24944474	NUDT9P1	0.0159608	0.0566101	0.793939	-1.25954	0.359954	0.904489	-1.1056	0.113545	1.2016	1.2016	0.443405	0.920032	-1.08692	0.00829258	1.4333	1.4333	0.0208698	1.34522	1.34522	0.019627	1.3508	1.3508	0.261664	1.13297	1.13297	0.0229805	1.33654	1.33654	5.07513	0.914371	0.160148	1
cg23034437	NUDT9P1	0.0169105	0.0656055	0.780987	-1.28092	0.323444	0.978154	1.073014	0.873718	0.943562	-1.06046	0.122492	1.18236	1.18236	0.864999	0.983217	-1.01707	0.882733	1.21061	1.21061	1.21061	0.5525201	0.941978	-1.0616	0.8056-05	0.492693	-2.02956	0.362354	0.890257	-1.12322	0.482262	0.931427	-1.07362	7.84669	1.1285	0.190284	1
cg07656964	NUDT9;NUDT9;NUDT9	0.00464515	0.0184978	0.518437	-1.92926	0.132636	1.565986	1.565986	0.168836	1.503	1.503	0.0175074	0.652831	-1.53179	0.00299101	0.322464	-3.10112	0.121002	0.626683	-1.5957	0.00870831	0.249526	-4.0076	0.110382	0.616586	-1.62183	0.132179	1.570827	1.570827	9.18165	1.087447	1
cg09895527	NUDT7;NUDT7	0.0277346	0.0170732	0.40909	-2.44445	0.271178	1.42212	1.42212	0.133128	0.607701	-1.64555	0.106816	0.582032	-1.71812	0.01567713	0.402283	-2.48581	0.467625	0.796766	-1.25507	0.00904052	0.360584	-2.77328	0.0989346	0.573429	-1.7439	0.208288	1.503151	1.503151	4.20185	6.288512	1.33032	1
cg00545155	NUDT7;NUDT7;NUDT7	0.0104427	0.00044929	0.263017	-3.80203	0.024668	0.98156	-1.2602	0.953525	1.01416	1.01416	0.597141	1.13737	1.13737	0.236824	1.13162	1.13162	0.3336074	1.27206	1.27206	0.0844885	0.634043	-1.58377	0.0105964	0.59049	-1.69364	0.0117422	1.37397	1.37397	5.83198	5.379015	0.81987	1
cg18784225	NUDT8	0.00561654	7	7	?	0.98599	0.994197	-1.00584	0.519175	0.805248	-1.24185	0.0596795	0.4944	-2.02265	0.108985	1.78492	1.78492	0.0148814	0.370525	-2.69887	0.0022203	0.140337	-7.67239	0.823969	1.07664	1.07664	0.965726	0.985859	-1.01434	7.23026	1.18561	1.54674	1
cg13174342	NUDT8	0.0126641	0.002531	0.283918	-3.52215	0.048438	0.945506	1.058759	0.0139798	0.707482	-1.41334	0.0233994	0.592429	-1.71195	0.00261001	0.56457	-1.77126	0.2439349	0.690833	-1.44835	7	7	?	0.0731301	0.897268	1.02134	0.225184	1.558314	7.29564	1.22037	1
cg23305971	NUDT9;NUDT9	0.00238907	0.577576	0.92713	-1.0786	4.17E-05	0.350082	-2.85648	0.000229869	0.439248	-2.27662	0.112146	1.26191	1.26191	0.00763632	1.58601	1.58601	0.3109969	1.8685111	-1.1514	0.00189362	1.80769	1.80769	0.2068869	0.836089	-1.19605	0.224784	0.842426	-1.18705	17.505	0.01392	0.254602	1
cg26456506	NUDT9;NUDT9;NUDT9	0.0110698	0.299069	0.536728	-1.86314	0.929411	0.105187	1.05187	0.163145	2.38694	2.38694	0.00108022	0.0401698	-24.8943	7	7	?	?	?	?	0.234608	2.06124	2.06124	0.113892	2.59736	2.59736	0.138168	2.6535	3.27546	1
cg24588148	NUDT9P1	0.09900026	0.120411	0.693146	-1.44233	0.0481	0.844021	1.185465	0.0359196	0.656157	1.52311	0.532311	0.430951	2.319525	0.0139116	0.630055	-1.58708	0.7383643	0.1260121	1.06121	1.06121	0.0680038	1.4371	1.4371	0.210641	1.06835	1.06835	0.4838	1.18127	1.843707	1.03564	1.03564	0.31232	3.04725	0.443149	1
cg24944474	NUDT9P1	0.0159608	0.0566101	0.793939	-1.25954	0.359954	0.904489	-1.1056	0.113545	1.2016	1.2016	0.443405	0.920032	-1.08692	0.00829258	1.4333	1.4333	0.0208698	1.34522	1.34522	0.019627	1.3508	1.3508	0.261664	1.13297	1.13297	0.0229805	1.33654	1.33654	5.07513	0.914371	0.160148	1
cg23034437	NUDT9P1	0.0169105	0.0656055	0.780987	-1.28092	0.323444	0.978154	1.073014	0.873718	0.943562	-1.06046	0.122492	1.18236	1.18236	0.864999	0.983217	-1.01707	0.882733	1.21061	1.21061	1.21061	0.5525201	0.941978	-1.0616	0.8056-05	0.492693	-2.02956	0.362354	0.890257	-1.12322	0.482262	0.931427	-1.07362	7.84669	1.1285	0.190284	1
cg07656964	NUDT7;NUDT7;NUDT7	0.00464515	0.0184978	0.518437	-1.92926	0.132636	1.565986	1.565986	0.168836	1.503	1.503	0.0175074	0.652831	-1.53179	0.00299101	0.322464	-3.10112	0.121002	0.626683	-1.5957	0.00870831	0.249526	-4.0076	0.110382	0.616586	-1.62183	0.132179	1.570827	1.570827	9.18165	1.087447	1
cg09895527	NUDT7;NUDT7;NUDT7	0.0277346	0.0170732	0.40909	-2.44445	0.271178	1.42212	1.42212	0.133128	0.607701	-1.64555	0.106816	0.582032	-1.71812	0.01567713	0.402283	-2.48581	0.467625	0.796766	-1.25507	0.00904052	0.360584	-2.77328	0.0989346	0.573429	-1.7439	0.208288	1.503151	1.503151	4.20185	6.288512	1.33032	1
cg00545155	NUDT7;NUDT7;NUDT7	0.0104427	0.00044929	0.263017	-3.80203	0.024668	0.98156	-1.2602	0.953525	1.01416	1.01416	0.597141	1.13737	1.13737	0.236824	1.13162	1.13162	0.3336074	1.27206	1.27206	0.0844885	0.634043	-1.58377	0.0105964	0.59049	-1.69364	0.0117422	1.37397	1.37397	5.83198	5.379015	0.81987	1
cg18784225	NUDT8	0.00561654	7	7	?	0.98599	0.994197	-1.00584	0.519175	0.805248	-1.24185	0.0596795	0.4944	-2.02265	0.108985	1.78492	1.78492	0.0148814	0.370525	-2.69887	0.0022203	0.140337	-7.67239	0.823969	1.07664	1.07664	0.965726	0.985859	-1.01434	7.23026	1.18561	1.54674	1
cg13174342	NUDT8	0.0126641	0.002531	0.283918	-3.52215	0.048438	0.945506	1.058759	0.0139798	0.707482	-1.41334	0.0233994	0.592429	-1.71195	0.00261001	0.56457	-1.77126	0.2439349	0.690833	-1.44835	7	7	?	0.0731301	0.897268	1.02134	0.225184	1.558314	7.29564	1.22037	1
cg23305971	NUDT9;NUDT9	0.00238907	0.577576	0.92713	-1.0786	4.17E-05	0.350082	-2.85648	0.000229869	0.439248	-2.27662	0.112146	1.26191	1.26191	0.00763632	1.58601	1.58601	0.3109969	1.8685111	-1.1514	0.00189362	1.80769	1.80769	0.2068869	0.836089	-1.19605	0.224784	0.842426	-1.18705	17.505	0.01392	0.254602	1
cg26456506	NUDT9;NUDT9;NUDT9	0.0110698	0.299069	0.536728	-1.86314	0.929411	0.105187	1.05187	0.163145	2.38694	2.38694	0.00108022	0.0401698	-24.8943	7	7	?	?	?	?	0.234608	2.06124	2.06124	0.113892	2.59736	2.59736	0.138168	2.6535	3.27546	1
cg24588148	NUDT9P1	0.09900026	0.120411	0.693146	-1.44233	0.0481	0.844021	1.185465	0.0359196	0.656157	1.52311	0.532311	0.430951	2.319525	0.0139116	0.630055	-1.58708	0.7383643	0.1260121	1.06121	1.06121	0.0680038	1.4371	1.4371	0.210641	1.06835	1.06835	0.4838	1.18127	1.843707	1.03564	1.03564	0.31232	3.04725	0.443149	1
cg24944474	NUDT9P1	0.0159608	0.0566101	0.793939	-1.25954	0.359954	0.904489	-1.1056	0.113545	1.2016	1.2016	0.443405	0.920032	-1.08692	0.00829258	1.4333	1.4333	0.0208698	1.34522	1.34522	0.019627	1.3508	1.3508	0.261664	1.13297	1.13297	0.0229805	1.33654	1.33654	5.07513	0.914371	0.160148	1
cg23034437	NUDT9P1	0.0169105	0.0656055	0.780987	-1.28092	0.323444	0.978154	1.073014	0.873718	0.943562	-1.06046	0.122492	1.18236	1.18236	0.864999	0.983217	-1.01707	0.882733	1.21061	1.21061	1.21061	0.5525201	0.941978	-1.0616	0.8056-05	0.492693	-2.02956	0.362354	0.890257	-1.12322	0.482262	0.931427	-1.07362	7.84669	1.1285	0.190284	1
cg07656964	NUDT7;NUDT7;NUDT7	0.00464515	0.0184978	0.518437	-1.92926	0.132636	1.565986	1.565986	0.168836	1.503	1.503	0.0175074	0.652831	-1.53179	0.00299101	0.322464	-3.10112	0.121002	0.626683	-1.5957	0.00870831	0.249526	-4.0076	0.110382	0.616586	-1.62183	0.132179	1.570827	1.570827	9.18165	1.087447	1
cg09895527	NUDT7;NUDT7;NUDT7	0.0277346	0.0170732	0.40909	-2.44445	0.271178	1.42212	1.42212	0.133128	0.607701	-1.64555	0.106816	0.582032	-1.71812	0.01567713	0.402283	-2.48581	0.467625	0.796766	-1.25507	0.00904052	0.360584	-2.77328	0.0989346	0.573429	-1.7439	0.208288	1.503151	1.503151	4.20185	6.288512	1.33032	1
cg00545155	NUDT7;NUDT7;NUDT7	0.0104427	0.00044929	0.263017	-3.80203	0.024668	0.98156	-1.2602	0.953525	1.01416	1.01416	0.597141	1.13737	1.13737	0.236824	1.13162	1.13162	0.3336074	1.27206	1.27206	0.0844885	0.634043	-1.58377	0.0105964	0.59049	-1.69364	0.0117422	1.37397	1.37397	5.83198	5.379015	0.81987	1
cg18784225	NUDT8	0.00561654	7	7	?	0.98599	0.994197	-1.00584	0.519175	0.805248	-1.24185	0.0596795	0.4944	-2.02265	0.108985	1.78492	1.78492	0.0148814	0.370525	-2.69887	0.0022203	0.140337	-7.67239	0.823969	1.07664	1.07664	0.965726	0.985859	-1.01434	7.23026	1.18561	1.54674	1
cg13174342	NUDT8	0.0126641	0.002531	0.283918	-3.52215	0.048438	0.945506	1.058759	0.0139798	0.707482	-1.41334	0.0233994	0.592429	-1.71195	0.00261001	0.56457	-1.77126	0.2439349	0.690833	-1.44835	7	7	?	0.0731301	0.897268	1.02134	0.225184	1.558314	7.29564	1.22037	1
cg23305

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04630823	NUP50;NUP50	0.0378237	0.357595	0.875128	-1.14269	0.418548	0.889995	-1.1236	0.76576	1.04302	1.04302	0.153035	1.24078	1.24078	0.0580704	0.73933	-1.35258	0.0611671	0.742704	-1.34643	0.0118473	1.55734	1.55734	0.0450154	1.38307	1.38307	0.525015	0.913189	-1.09506	3.75953	1.18353	0.27983	1
cg16308521	NUP50;NUP50	0.0402898	0.092688	0.704711	-1.41902	0.387084	0.845609	-1.18258	0.25673	1.25096	1.25096	0.226858	1.27125	1.27125	0.00719147	0.518776	-1.92761	0.0232298	0.598593	-1.67058	0.0852899	0.697783	-1.43311	0.426549	1.16599	1.16599	0.286458	0.811088	-1.23291	3.67335	2.08155	0.5037	1
cg10038679	NUP50;NUP50;NUP50	0.00984816	0.906806	0.918836	-1.08833	?	?	?	?	?	?	0.00199904	0.0355215	-28.1519	0.00124165	0.0264543	-37.8011	0.188677	0.362194	-2.76095	0.23849	0.407104	-2.45637	0.0488313	0.190075	-5.26109	0.895118	0.909069	-1.10003	7.03074	44.2871	6.29906	1
cg09605111	NUP50;NUP50;NUP50	0.01676	0.544254	1.07337	1.07337	0.00516423	0.653133	-1.53108	0.0730316	0.794015	-1.25942	0.616664	1.05995	1.05995	0.709487	1.04412	1.04412	0.108787	1.22357	1.22357	0.0076732	1.48479	1.48479	0.0837257	0.801878	-1.24707	0.261022	0.873517	-1.1448	4.99316	1.05239	0.187347	1
cg26767154	NUP54	0.00113581	0.00130516	2.73989	2.73989	0.972259	0.992541	-1.00752	0.592924	1.12321	1.12321	0.0410116	0.601852	-1.66154	0.00885833	2.04899	2.04899	0.450207	1.18017	1.18017	0.000197223	0.25998	-3.84645	0.0234366	1.79132	1.79132	0.225174	1.31559	1.31559	11.3483	8.33255	0.652672	1
cg12513738	NUP54	0.00677737	0.000402456	0.227224	-4.40095	0.964358	1.01184	1.01184	0.093772	1.62463	1.62463	0.0362746	1.89848	1.89848	0.977849	1.00734	1.00734	0.899785	0.967368	-1.03373	0.0187234	0.472251	-2.11752	0.465182	0.822236	-1.2162	0.193191	1.43706	1.43706	6.68205	7.33835	0.976193	1
cg15814405	NUP54	0.0122179	0.925614	0.987365	-1.0128	0.444169	0.899227	-1.11207	0.942096	1.00994	1.00994	0.974334	0.995629	-1.00439	0.17829	1.215	1.215	0.0560935	1.3426	1.3426	0.000632037	0.489148	-2.04437	0.0442559	0.730042	-1.36978	0.14341	1.23874	1.23874	5.54102	1.62708	0.261017	1
cg16958376	NUP54	0.0336955	0.491802	1.10823	1.10823	0.152002	0.797824	-1.25341	0.978962	1.00389	1.00389	0.822452	1.03363	1.03363	0.124924	0.783119	-1.27694	0.00419729	0.568695	-1.75841	0.0162831	0.648958	-1.54093	0.200074	1.22045	1.22045	0.263617	1.1871	1.1871	3.92053	1.34504	0.304957	1
cg00423055	NUP62;ATF5;NUP62;NUP62;IL4I1;NUP62	0.0028317	0.00385199	0.451576	-2.21447	0.0675362	1.51911	1.51911	0.215427	0.766303	-1.30497	0.616163	0.901964	-1.10869	0.000263365	0.294045	-3.40084	0.0256076	0.58196	-1.71833	0.0106992	0.519485	-1.92498	0.119009	1.41257	1.41257	0.521785	0.87586	-1.14173	8.70591	5.7462	0.586697	1
cg07469215	NUP62;ATF5;NUP62;NUP62;IL4I1;NUP62	0.025945	0.0414431	0.424561	-2.35537	0.978088	1.01006	1.01006	0.0235578	0.373388	-2.67818	0.0383007	0.417049	-2.3978	0.00126501	0.180143	-5.55115	0.45684	0.758774	-1.31792	0.398147	0.729675	-1.37047	0.464363	1.31166	1.31166	0.316225	0.685582	-1.45861	4.30126	9.04087	1.86837	1
cg20624980	NUP62;ATF5;NUP62;NUP62;IL4I1;NUP62;NUP62;NUP62;NUP62;IL4I1;NUP62	0.0156795	0.697925	1.05383	1.05383	0.676275	0.94511	-1.05808	0.0115213	1.52933	1.52933	0.536329	1.08783	1.08783	0.00134521	0.534606	-1.87054	0.311457	1.15117	1.15117	0.496071	1.09737	1.09737	0.0425659	1.36877	1.36877	0.922287	1.0132	1.0132	5.1052	1.46131	0.254436	1
cg04315771	NUP62;NUP62;IL4I1;ATF5;NUP62;NUP62	0.045364	0.362346	0.622044	-1.6076	0.196455	1.9988	1.9988	0.616246	1.29204	1.29204	0.709296	1.20911	1.20911	0.00952788	0.189173	-5.28618	0.0254423	0.260096	-3.84473	0.0136506	0.212913	-4.69676	0.397195	0.644301	-1.55207	0.696114	0.819527	-1.22022	3.5149	14.3131	3.61967	1
cg17882322	NUP62;NUP62;IL4I1;NUP62;NUP62	0.000950558	0.00561931	0.416994	-2.39812	0.000704971	3.46371	3.46371	0.190834	1.39554	1.39554	0.151764	0.691082	-1.44701	0.044319	0.573611	-1.74334	0.00859406	0.446452	-2.23988	0.0540574	0.590889	-1.69237	0.000818123	3.36589	3.36589	0.870954	0.961637	-1.03989	11.9368	10.9451	0.81504	1
cg05346295	NUP62;NUP62;IL4I1;NUP62;NUP62	0.0101671	0.0973986	1.65161	1.65161	0.000531059	4.42849	4.42849	0.0214649	2.14274	2.14274	0.906475	0.9681	-1.03295	0.161042	0.661702	-1.51125	0.178561	0.674194	-1.48325	0.120162	1.59206	1.59206	0.214414	1.43411	1.43411	0.0852851	1.69008	1.69008	5.87935	7.08518	1.0712	1
cg21897817	NUP62;NUP62;NUP62;IL4I1;ATF5;NUP62	0.00325535	0.0483972	0.776773	-1.28738	0.000474566	0.540797	-1.84912	0.0122795	0.705162	-1.41811	0.0513981	0.780029	-1.282	0.0259037	0.743628	-1.34476	0.0338711	0.757712	-1.31976	0.0775774	1.24573	1.24573	0.0233991	1.3544	1.3544	0.704083	0.95816	-1.04367	8.35266	1.6596	0.176615	1
cg05660570	NUP62;NUP62;NUP62;IL4I1;ATF5;NUP62	0.00357856	0.863071	1.04715	1.04715	0.131488	1.5443	1.5443	0.0148304	2.22561	2.22561	0.445823	1.2305	1.2305	0.0911504	0.608585	-1.64316	0.421133	1.24526	1.24526	0.000184428	0.185198	-5.39963	?	?	?	0.904151	0.968358	-1.03268	8.29839	8.32209	1.00286	1
cg17872953	NUP62;NUP62;NUP62;IL4I1;ATF5;NUP62	0.0124377	0.0421532	0.623993	-1.60258	0.00373192	0.454308	-2.20115	0.0166348	1.80235	1.80235	0.937465	1.01593	1.01593	0.834259	1.04311	1.04311	0.0626008	1.52521	1.52521	0.154536	0.735656	-1.35933	0.468003	1.16039	1.16039	0.0327908	0.604659	-1.65383	5.509	3.54092	0.571336	1
cg07718244	NUP62;NUP62;NUP62;IL4I1;NUP62	0.0198621	0.0363627	1.55328	1.55328	0.92234	1.01781	1.01781	0.317	0.829248	-1.20591	0.035709	1.55646	1.55646	0.376969	1.17833	1.17833	0.0112547	1.77665	1.77665	0.00176366	2.23978	2.23978	0.0579157	1.47408	1.47408	0.236129	1.25196	1.25196	4.71563	2.44687	0.461231	1
cg25673642	NUP62;NUP62;NUP62;IL4I1;NUP62	0.0397017	0.786302	1.07059	1.07059	0.111668	0.647351	-1.54476	0.133576	0.666207	-1.50103	0.474092	1.2005	1.2005	0.0123778	0.457696	-2.18486	0.793338	1.06812	1.06812	0.00338172	0.367746	-2.71927	0.516605	1.17947	1.17947	0.832951	0.948366	-1.05445	3.6933	3.68534	0.886973	1
cg21863326	NUP62CL	0.00221118	0.513944	0.820715	-1.21845	0.358524	0.754402	-1.32555	0.906109	0.965392	-1.03585	0.0147327	0.408195	-2.44981	0.00838019	0.365901	-2.73298	0.00016334	0.146666	-6.8182	0.000654838	0.210342	-4.75417	0.278611	1.39972	1.39972	0.3911	0.769282	-1.29991	9.36339	13.2133	1.25437	1
cg27425779	NUP62CL	0.00371258	0.0238783	2.06282	2.06282	0.0157765	0.451797	-2.21338	0.102628	0.618959	-1.61562	0.0157662	0.451746	-2.21363	0.00044889	0.22612	-4.42243	0.00716587	0.393538	-2.54105	0.34809	1.29626	1.29626	0.682592	0.895441	-1.11677	0.505221	0.833934	-1.19914	8.03062	9.1763	1.0157	1
cg21469200	NUP85	0.000964417	0.23543	0.773285	-1.29318	0.615212	1.11048	1.11048	0.9268	1.01918	1.01918	0.719462	1.07743	1.07743	0.42426	1.18381	1.18381	0.561938	0.885816	-1.1289	1.02E-05	0.141698	-7.05728	0.243009	1.28738	1.28738	0.693452	1.08536	1.08536	11.888	8.04928	0.601862	1
cg02311702	NUP85	0.00250294	0.240829	1.20964	1.20964	0.373875	0.868071	-1.15198	0.273156	0.837974	-1.19335	0.319682	1.17279	1.17279	0.00017704	0.373378	-2.67825	0.583368	0.917729	-1.08965	0.000445294	0.423609	-2.36067	0.0816563	0.741488	-1.34864	0.11952	0.76964	-1.29931	9.02891	3.43544	0.338216	1
cg13944286	NUP85	0.00385551	0.153289	1.21755	1.21755	0.0548721	1.3235	1.3235	0.140677	1.2263	1.2263	0.333006	1.13718	1.13718	0.335329	1.13643	1.13643	0.76989	0.962946	-1.03848	0.000159874	0.435875	-2.29424	0.0246412	0.708598	-1.41124	0.698145	1.05145	1.05145	7.93997	2.08378	0.233281	1
ch.17.1945262	NUP85	0.00803673	0.0793436	0.761378	-1.31341	0.000190279	0.414626	-2.41181	0.911063	1.01576	1.01576	0.0918666	0.771233	-1.29663	0.00657414	0.610149	-1.63894	0.216924	0.833721	-1.19944	0.73724	0.953959	-1.04826	0.893313	0.981393	-1.01896	0.957446	1.0075	1.0075	6.33501	1.96586	0.275837	1
cg15312673	NUP85	0.0127242	0.0252743	0.710664	-1.40713	0.566864	1.07716	1.07716	0.614214	0.936821	-1.06744	0.203889	1.18789	1.18789	0.00183675	1.76505	1.76505	0.0143401	0.67865	-1.47351	0.25213	1.16603	1.16603	0.580801	1.07424	1.07424	0.151144	1.21838	1.21838	5.46828	1.42788	0.232108	1
cg26200976	NUP85	0.0438776	0.103119	0.722774	-1.38356	0.757559	1.058	1.058	0.777819	1.05286	1.05286	0.27973	1.22706	1.22706	0.144326	0.751595	-1.3305	0.0104949	0.556297	-1.7976	0.00691576	0.529128	-1.8899	0.141808	0.750041	-1.33326	0.171371	0.767072	-1.30366	3.55896	1.86893	0.466786	1
cg07203573	NUP85;NUP85	0.0217846	0.0323216	1.91401	1.91401	0.716424	0.909835	-1.0991	0.955514	1.01455	1.01455	0.259058	1.35663	1.35663	0.208335	0.709222	-1.41	0.0133988	0.45235	-2.21068	0.00402269	0.367531	-2.72086	0.189387	0.697605	-1.43348	0.153177	0.672862	-1.48619	4.56933	4.85555	0.944568	1
cg15165864	NUP85;NUP85	0.0481771	0.232961	1.15924	1.15924	0.0186908	1.40038	1.40038	0.201737	1.17265	1.17265	0.545364	1.07499	1.07499	0.308541	1.1326	1.1326	0.0237081	0.72686	-1.37578	0.0561343	0.77447	-1.29121	0.203452	1.17187	1.17187	0.552008	1.07368	1.07368	3.43618	0.759663	0.196514	1
cg16118259	NUP88	0.0437536	0.373908	1.38791	1.38791	0.247914	0.648025	-1.54315	0.0673647	0.478949	-2.0879	0.554124	1.23976	1.23976	0.586108	0.820817	-1.2183	0.748408	0.890856	-1.12252	0.00129126	0.18561	-5.38765	0.2771	0.666333	-1.50075	0.18629	0.604584	-1.65403	3.56272	7.27793	1.81582	1
cg01883757	NUP93	3.51E-05	0.0155668	0.648684	-1.54158	5.25E-06	0.221438	-4.51593	0.258441	0.84195	-1.18772	0.881086	1.02208	1.02208	0.00763618	0.606297	-1.64936	2.16E-05	0.28744	-3.47899	9.66E-06	0.249127	-4.01402	0.000587838	0.460773	-2.17027	0.00600213	0.592219	-1.68856	29.2341	9.85565	0.29967	1
cg27269264	NUP93	0.00109737	0.965347	0.992596	-1.00746	0.00483918	0.527685	-1.89507	4.04E-05	0.261614	-3.82242	0.910636	0.980977	-1.01939	0.584487	1.09907	1.09907	0.0239972	0.630905	-1.58503	0.0244353	1.58195	1.58195	0.154538	1.29781	1.29781	0.924268	0.983867	-1.0164	11.4601	5.31123	0.41196	1
cg09308553	NUP93	0.00648308	0.919761	1.01453	1.01453	0.0423852	1.39738	1.39738	0.79558	1.03786	1.03786	0.0044773	1.72034	1.72034	0.186723	1.22181	1.22181	0.666259	1.06408	1.06408	0.00625903	0.600547	-1.66515	0.00578093	0.595961	-1.67796	0.0647239	1.34576	1.34576	6.77485	2.19826	0.288421	1
cg05587736	NUP93	0.016138	0.212992	0.815418	-1.22636	0.00695044	0.580805	-1.72175	0.544309	0.90894	-1.10018	0.745406	0.950573	-1.052	0.251567	1.20486	1.20486	0.0558748	1.40074	1.40074	0.00252896	1.91975	1.91975	0.519077	0.903306	-1.10704	0.912052	0.982957	-1.01734	5.05653	1.9385	0.34077	1
cg07087018	NUP93	0.0184724	0.00136888	0.242772	-4.11909	0.717893	1.11692	1.11692	0.0553928	1.93827	1.93827	0.118197	1.67699	1.67699	0.128506	1.6499	1.6499	0.153302	1.59365	1.59365	0.694321	1.12792	1.12792	0.195911	0.65914	-1.51713	0.379893	1.31591	1.31591	4.83278	7.10948	1.30764	1
cg02095596	NUP93	0.0218197	0.0355998	0.245436	-4.07438	0.00510268	0.119408	-8.37466	0.250314	0.501646	-1.99344	0.174696	0.436474	-2.29109	0.0152769	0.180783	-5.5315	0.0604344	0.296442	-3.37334	0.00433135	0.111946	-8.9329	0.659225	0.775033	-1.29027	0.0203984	0.200888	-4.9779	4.56681	23.8524	4.64264	1
cg00014561	NUP93	0.0226274	0.0392872	1.67078	1.67078	0.0213717	1.81344	1.81344	0.037571	1.6808	1.6808	0.0324575	1.71407	1.71407	0.00669075	2.13217	2.13217	0.00256058	2.4604	2.4604	0.192579	1.34558	1.34558	0.226945	1.31394	1.31394	0.194794	1.34338	1.34338	4.51016	3.30905	0.652168	1
cg10057614	NUP93	0.0301996	0.290913	0.848911	-1.17798	0.112655	1.29447	1.29447	0.00341266	0.551733	-1.81247	0.0847961	0.752111	-1.32959	0.0237625	1.49683	1.49683	0.931098	0.987158	-1.01301	0.610771	0.926152	-1.07974	0.890857	0.979689	-1.02073	0.39221	0.87721	-1.13998	4.07721	1.44241	0.314465	1
cg16795184	NUP93	0.0409488	0.168553	0.680174	-1.47021	0.00990212	2.35371	2.35371	0.366429	1.27602	1.27602	0.625721	0.878862	-1.13784	0.703906	0.904562	-1.10551	0.227489	0.716912	-1.39487	0.0304635	0.512696	-1.95047	0.371599	1.2725	1.2725	0.0420302	0.540399	-1.85048	3.65142	3.99058	0.971452	1
cg23723775	NUP98;NUP98	0.00219556	0.0732512	0.471144	-2.12249	0.77699	0.898537	-1.11292	0.0746211	0.473201	-2.11327	0.433714	1.35117	1.35117	0.598175	0.818425	-1.22186	0.00613529	0.259953	-3.84685	0.000159953	0.0880161	-11.3616	0.00287155	0.21329	-4.68846	0.00186689	0.189642	-5.2731	9.38283	21.0936	1.99831	1
cg05344046	NUP98;NUP98	0.00551257	0.883409	0.948954	-1.05379	0.000892469	0.169232	-5.90904	0.000416012	0.135443	-7.38317	0.540107	0.801347	-1.2479	0.933484	0.970635	-1.03025	0.965463	0.984659	-1.01558	0.306776	1.45905	1.45905	0.25311	1.5314	1.5314	0.864952	0.941031	-1.06266	7.12256	14.3814	1.79479	1
ch.11.150171F	NUP98;NUP98;NUP98;NUP98	0.00434392	0.144182	0.54329	-1.84064	0.00138718	0.164895	-6.06446	0.00170061	0.174991	-5.71459	?	?	?	0.00113463	0.155342	-6.43741	0.276338	0.643814	-1.55324	0.357195	0.691946	-1.4452	0.651464	1.19345	1.19345	0.73803	1.13944	1.13944	7.82534	16.6608	2.12908	1
cg10830021	NUP98;NUP98;NUP98;NUP98	0.00790469	0.143422	0.751334	-1.33097	0.0618998	1.46567	1.46567	0.181754	1.29403	1.29403	0.466125	1.14438	1.14438	0.00536664	0.513394	-1.94782	0.220201	0.791044	-1.26415	0.400536	0.85515	-1.16939	0.371951	1.18139	1.18139	0.000840703	0.401192	-2.49257	6.36811	3.33497	0.46551	1
cg23715559	NUP98;PGAP2;NUP98;NUP98;PGAP2;NUP98;PGAP2;PGAP2;PGAP2	0.00903114	0.0352402	0.760128	-1.31557	0.080973	1.24159	1.24159	0.323369	1.12083	1.12083	0.103123	0.819228	-1.22066	0.259433	0.876716	-1.14062	0.00157561	1.66133	1.66133	0.287228	1.13154	1.13154	0.378244	1.10639	1.10639	0.0167138	0.721306	-1.38637	6.10568	1.20944	0.176075	1
cg17344149	NUP98;PGAP2;NUP98;PGAP2;PGAP2;NUP98;PGAP2;NUP98;PGAP2	0.000513846	0.00026143	0.212784	-4.69961	0.00112128	0.290304	-3.44466	0.0485076	0.5593	-1.78795	0.0946482	0.622758	-1.60576	0.00130533	0.299151	-3.34279	0.189918	0.699123	-1.43036	0.000231026	0.206802	-4.83553	0.000141973	0.184167	-5.42985	0.00535692	0.388464	-2.57424	14.1826	14.9295	0.9357	1
cg19247588	NUP98;PGAP2;NUP98;PGAP2;PGAP2;NUP98;PGAP2;NUP98;PGAP2	0.00311369	0.0284887	0.47893	-2.08799	0.393154	1.28289	1.28289	0.013479	2.38954	2.38954	0.213109	0.688384	-1.45268	0.000835361	0.238876	-4.18627	0.0809698	0.576342	-1.73508	0.00289526	0.311527	-3.20999	0.0097732	0.394377	-2.53564	0.0653578	0.554818	-1.80239	8.46407	10.8722	1.14179	1
cg09677763	NUP98;PGAP2;NUP98;PGAP2;PGAP2;NUP98;PGAP2;NUP98;PGAP2	0.0168003	0.0020886	0.381349	-2.62227	0.418961	0.832068	-1.20182	0.169612	1.38499	1.38499	0.436299	1.19338	1.19338	0.323337	0.796856	-1.25493	0.893433	0.970604	-1.03029	0.033566	0.575402	-1.73792	0.00877283	0.47565	-2.10238	0.0383143	0.586046	-1.70635	4.98915	3.91574	0.697645	1
cg23615959	NUP98;PGAP2;NUP98;PGAP2;PGAP2;NUP98;PGAP2;NUP98;PGAP2	0.0191096	0.739163	0.959134	-1.04261	0.283102	0.870005	-1.14942	0.846476	1.0245	1.0245	0.0621283	0.769333	-1.29983	0.468648	0.912046	-1.09644	0.130991	0.81578	-1.22582	0.00255537	0.59304	-1.68623	0.029573	0.726243	-1.37695	0.00200517	0.580153	-1.72368	4.77776	1.17976	0.219492	1
cg23046154	NUPL1;NUPL1	0.0208171	0.169739	0.768108	-1.3019	0.024194	0.615835	-1.62381	0.0111542	0.563372	-1.77503	0.342233	0.838183	-1.19306	0.755207	1.05804	1.05804	0.491335	1.13438	1.13438	0.00424782	1.99423	1.99423	0.525734	0.89049	-1.12298	0.470365	0.875928	-1.14165	4.64087	2.39164	0.458083	1
cg10489588	NUPL1;NUPL1	0.0214952	0.538184	1.12339	1.12339	0.225514	0.788507	-1.26822	0.104851	1.39218	1.39218	0.97304	0.993711	-1.00633	0.59209	0.903961	-1.10624	0.00991357	0.544346	-1.83707	0.317559	1.21272	1.21272	0.0267041	1.63254	1.63254	0.00726283	1.90879	1.90879	4.59031	2.53354	0.490607	1
cg21535947	NUPL1;NUPL1	0.0374268	0.0636663	0.335885	-2.97721	0.3445	1.66448	1.66448	0.00700904	0.161298	-6.19969	0.628576	1.29055	1.29055	0.0553578	0.32095	-3.11575	0.0187314	0.225212	-4.44026	0.381562	1.59938	1.59938	0.167568	0.463133	-2.15921	0.167423	0.462996	-2.15985	3.77404	16.3666	3.85477	1
cg20723844	NUPL2	0.0038499	0.000507506	0.467003	-2.14132	0.171081	0.815235	-1.22664	0.552041	1.08799	1.08799	0.199221	1.20941	1.20941	0.0031053	0.567194	-1.76307	0.15508	1.23773	1.23773	0.248927	0.844575	-1.18403	0.769225	1.0421	1.0421	0.00424243	0.584801	-1.70998	7.94344	2.47172	0.276591	1
cg19941686	NUPL2	0.00536217	0.000974228	0.592491	-1.68779	0.241756	1.13964	1.13964	0.108601	1.20527	1.20527	0.362129	0.904906	-1.10509	0.0216066	1.34216	1.34216	0.647696	1.05031	1.05031	0.00930571	0.703313	-1.42184	0.0203496	0.74207	-1.34758	0.286582	0.888651	-1.1253	7.18327	1.29466	0.160207	1
cg00731739	NUPL2	0.0112238	0.0346011	0.289041	-3.45971	0.839911	1.10726	1.10726	0.161519	0.470875	-2.1237	0.174058	2.07189	2.07189	0.00305789	0.129578	-7.71736	0.170874	0.479708	-2.0846	0.00218297	0.114708	-8.71777	0.330068	0.602708	-1.65918	0.0133124	0.213329	-4.6876	5.69541	22.8913	3.57267	1
cg15549926	NUPL2	0.0281809	0.00049628	0.306087	-3.26704	0.91914	1.0223	1.0223	0.149966	0.715185	-1.39824	0.143092	0.710481	-1.4075	0.823361	0.952601	-1.04976	0.454718	0.847567	-1.17985	0.401357	1.2051	1.2051	0.425907	0.838125	-1.19314	0.929821	1.01932	1.01932	4.17829	3.12168	0.664105	1
cg21339533	NUPL2	0.0407627	0.00487875	0.715202	-1.39821	0.77054	1.02662	1.02662	0.430347	1.07499	1.07499	0.612347	0.955135	-1.04697	0.837787	1.01858	1.01858	0.295325	0.907112	-1.1024	0.109311	0.854836	-1.16981	0.0207399	1.28418	1.28418	0.186438	0.881775	-1.13408	3.65757	0.467441	0.113601	1
cg08818284	NUPR1;NUPR1	0.0197219	0.819218	0.961695	-1.03983	0.175233	1.27884	1.27884	0.00240125	0.485991	-2.05765	0.0115418	0.583364	-1.7142	0.102659	0.737365	-1.35618	0.663133	0.92795	-1.07764	0.441056	0.874556	-1.14344	0.288862	0.828745	-1.20664	0.00894973	0.567078	-1.76343	4.72699	2.17919	0.409787	1
cg01542023	NUPR1;NUPR1	0.0217681	0.0158225	0.242197	-4.12887	0.573289	1.31388	1.31388	0.545432	0.745629	-1.34115	0.131693	0.458152	-2.18268	0.00155951	0.112931	-8.85499	0.0389298	0.317687	-3.14775	0.0495881	0.341437	-2.9288	0.18463	0.509175	-1.96396	0.0255803	0.280169	-3.56927	4.57052	16.6561	3.23933	1
cg19657320	NUS1	0.000174137	0.000133057	2.11153	2.11153	0.103768	0.818142	-1.22228	0.115331	1.21308	1.21308	0.00542488	1.51112	1.51112	0.302444	0.886451	-1.12809	0.000413029	1.88218	1.88218	0.0291469	0.748218	-1.33651	0.000154451	0.48119	-2.07818	0.221876	0.865143	-1.15588	19.073	3.84551	0.179218	1
cg03273700	NUS1	0.000264217	0.925887	0.978976	-1.02148	0.107999	1.49257	1.49257	0.39546	1.21988	1.21988	1.42E-05	7.88975	7.88975	0.822828	1.05255	1.05255	0.964365	0.989849	-1.01026	0.154258	0.705897	-1.41664	5.74E-05	5.50007	5.50007	0.295524	0.780564	-1.28113	17.0312	14.0682	0.734248	1
cg23770887	NUS1	0.00732408	0.0125466	0.211248	-4.73378	0.00107416	0.0890254	-11.2328	0.0751772	0.37079	-2.69695	0.237155	0.53787	-1.85919	0.0180128	0.237188	-4.21607	0.0277664	0.271861	-3.67835	0.00501768	0.155859	-6.41608	0.0028347	0.127693	-7.83125	0.0465135	0.319298	-3.13187	6.52229	25.8999	3.52976	1
cg18271269	NUS1	0.00920595	0.00926965	0.710859	-1.40675	0.746352	0.967011	-1.03411	0.550904	1.06436	1.06436	0.149797	0.852482	-1.17305	0.00432891	0.674237	-1.48316	0.0123854	0.724847	-1.3796	0.160342	0.856391	-1.16769	0.0138575	1.36933	1.36933	0.311548	1.11429	1.11429	6.06861	1.02685	0.150406	1
cg18645398	NUS1	0.0121627	0.0361979	0.25263	-3.95836	0.000720932	0.0546795	-18.2884	0.045706	0.274182	-3.64721	0.335308	0.570515	-1.7528	0.0174824	0.195171	-5.1237	0.0597628	0.301227	-3.31975	0.0277287	0.229988	-4.34805	0.00747261	0.142935	-6.99621	0.0848653	0.340842	-2.93391	5.54919	28.0405	4.49163	1
cg05381870	NUS1	0.0127792	0.290177	1.32714	1.32714	0.251328	1.36205	1.36205	0.153257	0.67417	-1.48331	0.325368	1.29929	1.29929	0.427347	0.811447	-1.23237	0.0241707	0.500064	-1.99974	0.25094	1.36242	1.36242	0.942386	1.01881	1.01881	0.000598912	0.255308	-3.91684	5.46059	5.74844	0.935745	1
cg14812218	NUS1;NUS1	0.0491284	0.951388	0.990811	-1.00927	0.0181242	1.54422	1.54422	0.253759	1.19777	1.19777	0.410685	0.880396	-1.13585	0.206418	0.817269	-1.22359	0.651002	0.933369	-1.07139	0.027727	0.674361	-1.48289	0.030669	1.46881	1.46881	0.435821	1.12793	1.12793	3.41083	1.23851	0.322766	1
ch.15.430474R	NUSAP1;NUSAP1;NUSAP1	0.0493178	0.34996	0.719476	-1.3899	0.0512052	0.467767	-2.13782	0.222705	1.55036	1.55036	0.359315	0.724312	-1.38062	0.108987	1.81873	1.81873	0.0332557	2.34335	2.34335	0.0273622	0.40932	-2.44307	0.274436	0.677637	-1.47572	0.559258	1.22394	1.22394	3.40586	6.31666	1.64858	1
cg26516489	NUSAP1;NUSAP1;OIP5;NUSAP1	0.00208464	0.00109062	2.90505	2.90505	0.822373	0.951457	-1.05102	0.0296364	0.567431	-1.76233	0.00112341	0.345976	-2.89038	0.0348679	0.580303	-1.72324	0.00757349	2.13875	2.13875	0.36251	1.23014	1.23014	0.753272	1.07228	1.07228	0.371209	1.22532	1.22532	9.52606	7.38921	0.689496	1
cg24696207	NUSAP1;NUSAP1;OIP5;NUSAP1	0.00636934	0.00358184	0.118419	-8.44457	0.0123111	0.185302	-5.3966	0.56868	0.732307	-1.36555	0.00228026	0.0995151	-10.0487	0.0021403	0.097067	-10.3022	0.126765	0.409333	-2.443	0.0210298	0.222889	-4.48654	0.00560344	0.139879	-7.14905	0.0609469	0.319111	-3.1337	6.81213	31.554	4.11737	1
cg25217313	NUSAP1;OIP5;OIP5;NUSAP1;NUSAP1	0.00860873	0.116173	0.67365	-1.48445	0.0360217	0.565232	-1.76919	0.164061	0.709942	-1.40857	0.629765	0.894874	-1.11748	0.907258	0.973731	-1.02698	0.00018104	0.205597	-4.86388	0.185241	1.38238	1.38238	0.83397	0.953178	-1.04912	0.345337	0.800118	-1.24982	7.07758	5.72476	0.629113	1
cg01106303	NUTF2	0.000481549	0.902161	0.96668	-1.03447	0.0780502	1.71515	1.71515	0.589299	1.16204	1.16204	0.500404	1.2074	1.2074	0.000130322	0.160288	-6.23876	0.000793582	0.247441	-4.04138	0.000624237	0.2346	-4.26257	0.193572	1.46091	1.46091	0.00121545	0.271214	-3.68713	14.4403	17.3645	1.06889	1
cg01669540	NUTF2	0.00093489	0.000634354	0.137002	-7.29915	0.931076	1.0333	1.0333	0.00287215	0.211596	-4.726	0.184296	1.70462	1.70462	0.700143	0.863676	-1.15784	0.248665	1.57882	1.57882	0.00022765	0.0982619	-10.1769	0.635343	1.19832	1.19832	0.00122131	0.166627	-6.00144	11.9931	27.2426	2.01914	1
cg08577693	NUTF2	0.0274889	0.692887	0.950267	-1.05234	0.0636087	1.30736	1.30736	0.0365482	1.3665	1.3665	0.305611	0.872559	-1.14605	0.0296407	0.719619	-1.38962	0.436111	1.1075	1.1075	0.0200197	1.43434	1.43434	0.0672523	0.768314	-1.30155	0.271115	0.863087	-1.15863	4.21502	1.10252	0.232507	1
cg00750307	NUTF2;CENPT	8.99E-05	3.60E-05	0.0952464	-10.4991	0.90595	1.03552	1.03552	0.298067	0.727227	-1.37509	0.00132677	0.251938	-3.96923	2.02E-05	0.0784513	-12.7468	0.000474864	0.197815	-5.05524	0.243036	0.697164	-1.43438	0.000683568	0.216109	-4.62729	0.000100473	0.1305	-7.66285	22.7811	31.4595	1.22751	1
cg17984885	NVL;NVL	0.000416723	0.000364608	0.221025	-4.52438	0.0637128	0.576443	-1.73478	0.000607564	0.247483	-4.04067	0.0250597	0.494405	-2.02264	0.000273032	0.206773	-4.83622	0.000506186	0.237834	-4.20462	0.000230956	0.198769	-5.03095	0.0477004	0.549689	-1.81921	0.000694637	0.254698	-3.92621	15.0294	16.6249	0.983248	1
cg25622749	NVL;NVL	0.00698283	0.0181317	0.587232	-1.7029	0.508627	0.883029	-1.13247	0.373579	0.844128	-1.18465	0.0192033	0.591209	-1.69145	0.00913776	0.541026	-1.84834	0.00385545	0.485604	-2.05929	0.00220499	0.451096	-2.21682	0.0582284	1.48749	1.48749	0.36669	0.841944	-1.18773	6.62018	3.60859	0.484524	1
cg07706038	NVL;NVL	0.0174518	0.307278	0.871495	-1.14745	0.0044267	1.63935	1.63935	0.0278256	1.40263	1.40263	0.151497	0.818728	-1.22141	0.0125016	0.667386	-1.49838	0.115611	0.800433	-1.24932	0.921054	0.987182	-1.01298	0.716513	1.0486	1.0486	0.680123	0.947475	-1.05544	4.92602	1.3214	0.238443	1
cg03965207	NVL;NVL	0.022591	0.141163	1.3494	1.3494	0.223989	0.785138	-1.27366	0.00481762	0.49253	-2.03033	0.562668	1.1172	1.1172	0.0328311	0.623294	-1.60438	0.910869	1.02143	1.02143	0.0775328	1.44996	1.44996	0.0437801	1.55091	1.55091	0.526931	1.12907	1.12907	4.51265	2.56265	0.504783	1
cg25351653	NWD1	0.00364738	0.0724453	0.690225	-1.4488	0.579566	0.901672	-1.10905	0.407985	0.855097	-1.16946	0.0093128	0.543282	-1.84067	0.133083	0.741026	-1.34948	0.464157	0.871271	-1.14775	5.90E-05	0.252785	-3.95593	0.386899	1.17827	1.17827	0.113419	0.72716	-1.37521	8.07342	4.37414	0.481596	1
cg22652849	NWD1	0.0131658	0.00874853	0.0524335	-19.0718	0.19318	3.37217	3.37217	0.970699	0.968097	-1.03295	0.656193	0.673328	-1.48516	0.0691865	0.166168	-6.01802	0.0139117	0.0684123	-14.6173	0.00114098	0.0146534	-68.2435	0.143018	0.249192	-4.01297	0.150886	0.256939	-3.89197	5.4077	66.739	10.9702	1
cg08563299	NWD1	0.0202405	0.244052	0.471849	-2.11932	0.299436	0.515438	-1.9401	0.0325833	0.21407	-4.67138	0.335847	1.84335	1.84335	0.0187426	0.172836	-5.78582	0.172595	0.408781	-2.4463	0.00156822	0.0608454	-16.4351	0.0131591	0.150386	-6.64955	0.36081	0.560492	-1.78415	4.68548	28.1832	5.34667	1
cg15495901	NWD1	0.0322985	0.172874	0.850357	-1.17598	0.798777	1.02896	1.02896	0.0465112	0.775079	-1.29019	0.489313	1.08165	1.08165	0.000692279	0.560662	-1.7836	0.646986	0.949777	-1.05288	0.601956	0.942886	-1.06057	0.665041	0.952485	-1.04988	0.38598	0.905455	-1.10442	3.98062	0.787321	0.175812	1
cg24715709	NWD1	0.0427941	0.282622	0.819596	-1.22011	0.218164	1.25963	1.25963	0.55288	1.11291	1.11291	0.118286	0.739197	-1.35282	0.0125203	0.574927	-1.73935	0.0150693	0.58725	-1.70285	0.0889725	1.39692	1.39692	0.837314	0.964027	-1.03732	0.256081	0.809573	-1.23522	3.59226	1.80648	0.447007	1
cg02855203	NXF1;NXF1	0.00087618	0.264839	0.825427	-1.21149	0.737279	1.05716	1.05716	0.673805	0.932492	-1.07239	0.582028	1.09612	1.09612	1.33E-05	0.221605	-4.51254	0.0313342	0.659045	-1.51735	0.680478	1.07075	1.07075	0.0652977	1.40721	1.40721	0.301144	1.19348	1.19348	12.2149	5.27277	0.383704	1
cg08496737	NXF1;NXF1	0.00898433	0.00591445	0.343325	-2.91269	0.0050542	0.332626	-3.00638	0.0214395	0.440204	-2.27167	0.963337	0.986445	-1.01374	0.00863972	0.370063	-2.70224	0.237868	0.692734	-1.44355	0.00130954	0.249293	-4.01135	0.738407	0.905276	-1.10464	0.110869	0.59705	-1.6749	6.11576	8.53896	1.24109	1
cg15581842	NXF1;NXF1	0.0128286	0.227397	0.769553	-1.29946	0.781776	0.944215	-1.05908	0.148361	1.37779	1.37779	0.485762	0.863798	-1.15768	0.298524	0.800314	-1.24951	0.976268	1.00617	1.00617	0.000264835	3.45014	3.45014	0.379953	1.20464	1.20464	0.28923	1.25534	1.25534	5.45372	3.69088	0.601567	1
cg03038271	NXF1;NXF1	0.0343908	0.126459	0.877778	-1.13924	0.124009	0.876912	-1.14037	0.159391	1.12589	1.12589	0.603205	1.04222	1.04222	0.0575537	1.18454	1.18454	0.0669538	1.17578	1.17578	0.0790704	0.857487	-1.1662	0.0164435	0.793609	-1.26007	0.383069	0.931898	-1.07308	3.89176	0.383249	0.0875353	1
cg02027979	NXF1;NXF1	0.0462345	0.283371	0.831125	-1.20319	0.0345169	1.50553	1.50553	0.87552	1.02636	1.02636	0.321578	1.18524	1.18524	0.0590391	0.702018	-1.42447	0.535098	1.10987	1.10987	0.00420776	1.88917	1.88917	0.748648	1.0548	1.0548	0.826052	1.0372	1.0372	3.48991	1.52232	0.387738	1
cg04288036	NXF1;NXF1;TMEM223	0.0011522	0.0103563	0.685991	-1.45774	0.102094	1.23223	1.23223	0.00252548	1.63126	1.63126	0.152383	0.836177	-1.19592	0.144538	0.83284	-1.20071	0.489434	0.92132	-1.0854	0.00366921	0.632255	-1.58164	0.000336439	1.96345	1.96345	0.383548	1.10991	1.10991	11.3021	2.43814	0.191756	1
cg21764367	NXF1;NXF1;TMEM223	0.0305286	0.125504	0.807977	-1.23766	0.0392341	1.35905	1.35905	0.560935	1.07854	1.07854	0.75564	1.04096	1.04096	0.158216	1.21409	1.21409	0.786867	1.03547	1.03547	0.00193133	0.56877	-1.75818	0.456706	0.907125	-1.10238	0.800753	0.968003	-1.03305	4.06154	1.06376	0.232809	1
cg07743764	NXF1;NXF1;TMEM223	0.0388061	0.693001	0.81051	-1.23379	0.00859128	5.89843	5.89843	0.122281	2.42714	2.42714	0.0323183	3.76995	3.76995	0.324026	1.71479	1.71479	0.37475	1.61992	1.61992	0.362332	1.64172	1.64172	0.00302325	8.60262	8.60262	0.744665	1.1889	1.1889	3.72439	16.5366	3.94675	1
cg12922305	NXF2B;NXF2;NXF2	0.0237078	0.0698849	0.563134	-1.77578	0.0578582	0.544695	-1.83589	0.0502051	0.531265	-1.8823	0.0682003	0.560714	-1.78344	0.00813712	0.382993	-2.61101	0.00896109	0.389954	-2.56441	0.165329	0.657541	-1.52082	0.0116949	0.409619	-2.44129	0.00931558	0.392777	-2.54597	4.43817	5.64183	1.12996	1
cg01961936	NXF3	0.000846095	0.27946	1.20985	1.20985	0.294669	0.831825	-1.20218	5.08E-05	0.276326	-3.61892	0.957268	0.990963	-1.00912	0.000302403	0.369662	-2.70517	0.0556938	0.692591	-1.44385	0.0564243	1.44188	1.44188	0.0749404	0.714614	-1.39936	0.523313	0.896203	-1.11582	12.3359	5.60776	0.404079	1
cg03487966	NXF3	0.00177489	0.723958	1.09092	1.09092	0.000380578	0.248416	-4.02551	0.0211012	0.506299	-1.97512	0.00694438	0.424364	-2.35647	0.000132014	0.196427	-5.09096	0.960432	0.987899	-1.01225	0.276357	0.757402	-1.3203	0.857055	1.04524	1.04524	0.148095	0.68335	-1.46338	9.98236	9.52105	0.847811	1
cg24399474	NXF3	0.00321924	0.0574684	1.76496	1.76496	0.00408735	0.361008	-2.77002	0.024546	0.492525	-2.03035	?	?	?	0.00151291	0.298722	-3.34759	0.0922791	1.63224	1.63224	0.0356871	1.90865	1.90865	0.362878	1.28053	1.28053	0.227858	0.715552	-1.39752	8.56636	8.43177	0.984289	1
cg18540638	NXF3	0.0181304	0.642869	1.06763	1.06763	0.202693	0.828212	-1.20742	0.00335664	0.571614	-1.74943	0.390483	1.13125	1.13125	0.0457244	0.725406	-1.37854	0.0234451	1.46143	1.46143	0.218633	0.834153	-1.19882	0.446101	0.896867	-1.11499	0.0236839	0.684872	-1.46013	4.86331	1.51291	0.276522	1
cg22638535	NXF4	0.000296366	0.358741	0.850152	-1.17626	0.00222267	0.478468	-2.09001	0.00152876	0.456255	-2.19176	0.000241277	0.351736	-2.84304	1.44E-05	0.211576	-4.72643	0.43154	1.14809	1.14809	0.0477775	0.677504	-1.476	0.0122909	0.584846	-1.70985	0.970875	0.993739	-1.0063	16.5051	7.73545	0.416596	1
cg15616940	NXF4	0.0103971	0.768054	0.937729	-1.06641	0.0030774	0.414419	-2.41301	0.165845	0.72523	-1.37887	0.814029	1.05256	1.05256	0.00418218	0.434211	-2.30303	0.887268	1.03132	1.03132	0.0133645	1.94675	1.94675	0.12497	1.43484	1.43484	0.742839	0.930926	-1.0742	5.83735	4.36937	0.66535	1
cg17785468	NXF4	0.0312484	0.0609362	0.459873	-2.17451	0.0189173	0.351544	-2.84459	0.0287843	0.387379	-2.58145	0.995942	1.00187	1.00187	0.00821845	0.288388	-3.46756	0.0142862	0.329163	-3.03801	0.0265301	0.380179	-2.63034	0.78336	0.903607	-1.10668	0.10445	0.520619	-1.92079	4.02795	8.62855	1.90415	1
cg12579386	NXF5;NXF5	9.02E-06	0.192426	0.809752	-1.23495	0.380483	0.871445	-1.14752	0.000545673	0.439674	-2.27441	6.31E-05	0.324169	-3.08481	2.90E-06	0.180965	-5.52592	1.25E-06	0.148129	-6.75087	0.00184055	1.96721	1.96721	0.464335	0.892332	-1.12066	0.00539904	0.571098	-1.75101	41.6697	15.4409	0.329382	1
cg01064194	NXF5;NXF5	0.0265152	0.830039	0.887624	-1.1266	0.692643	1.24647	1.24647	0.759526	0.843444	-1.18562	0.437998	0.644865	-1.55071	0.00690558	0.143839	-6.95224	0.148825	0.42374	-2.35994	0.00259661	0.0988512	-10.1162	0.146775	0.421633	-2.37173	0.0143314	0.187417	-5.33569	4.26868	20.7909	4.32939	1
cg16311072	NXF5;NXF5	0.0297232	0.63256	0.84779	-1.17954	0.417615	0.752811	-1.32835	0.123304	0.564262	-1.77223	0.00831894	0.314675	-3.17788	0.00159399	0.211627	-4.72529	0.455624	0.770684	-1.29755	0.680399	1.15255	1.15255	0.232333	0.650931	-1.53626	0.0421263	0.448153	-2.23138	4.1003	7.63053	1.65419	1
cg06968275	NXN	3.84E-06	0.000704128	0.531247	-1.88236	0.0001828	0.460761	-2.17032	0.524315	0.924011	-1.08224	0.000616173	0.524254	-1.90747	3.51E-07	0.164892	-6.06457	3.09E-06	0.257239	-3.88744	0.000605964	0.523378	-1.91066	0.00035769	2.017	2.017	0.00053644	0.516995	-1.93426	51.9488	12.3431	0.211201	1
cg11521739	NXN	1.52E-05	0.445956	0.899334	-1.11193	0.352753	1.1395	1.1395	0.00454566	1.67566	1.67566	0.461849	0.902763	-1.10771	2.92E-07	0.127743	-7.8282	0.324997	1.1489	1.1489	0.000320512	2.21502	2.21502	0.405401	0.89025	-1.12328	0.592322	0.928841	-1.07661	36.4126	10.7557	0.262563	1
cg25050975	NXN	1.95E-05	2.82E-05	0.233352	-4.28538	0.000148858	0.316125	-3.16331	0.0204493	0.610463	-1.6381	0.00663646	0.536602	-1.86358	4.71E-07	0.0818273	-12.2209	0.0650664	0.693514	-1.44193	0.172905	1.2921	1.2921	0.103893	0.730384	-1.36914	0.00512848	0.520346	-1.9218	34.1099	16.8646	0.439482	1
cg04954757	NXN	4.26E-05	0.144751	0.901373	-1.10942	0.7506	1.02136	1.02136	0.170121	1.10171	1.10171	0.459216	0.951268	-1.05123	9.11E-06	0.529146	-1.88984	0.621836	0.967577	-1.03351	5.19E-06	1.98588	1.98588	0.178561	0.909603	-1.09938	0.060554	1.1506	1.1506	27.7683	1.93279	0.0618704	1
cg05431974	NXN	8.58E-05	5.38E-06	0.226213	-4.42061	0.21383	1.20787	1.20787	0.0320351	1.43681	1.43681	0.520284	0.910254	-1.09859	0.0111388	0.631844	-1.58267	0.944819	1.01004	1.01004	0.000259613	2.37968	2.37968	0.403899	0.884055	-1.13115	0.00203559	0.533892	-1.87304	23.0619	7.60399	0.293085	1
cg11123807	NXN	8.70E-05	0.470574	0.838501	-1.1926	0.144494	1.45665	1.45665	0.387721	1.2367	1.2367	0.311593	0.777861	-1.28558	7.10E-07	0.0398002	-25.1255	0.250518	0.749661	-1.33394	0.0971332	0.646035	-1.5479	0.66692	0.901315	-1.10949	0.326779	0.784321	-1.27499	22.9778	20.9556	0.810661	1
cg02699671	NXN	0.000103703	0.184716	1.34999	1.34999	0.457281	1.17525	1.17525	0.242344	0.770263	-1.29826	0.195074	1.33958	1.33958	0.0727436	0.652432	-1.53273	6.11E-06	0.115292	-8.6736	2.27E-05	0.163587	-6.11296	0.155993	0.723413	-1.38234	0.0150191	0.528504	-1.89213	21.9262	15.8026	0.640639	1
cg07483726	NXN	0.000106408	0.81917	1.03773	1.03773	0.000944839	2.21985	2.21985	0.00155243	0.479071	-2.08737	0.00525256	0.55137	-1.81366	3.23E-05	0.270482	-3.6971	6.77E-05	0.307451	-3.25255	0.978187	0.995588	-1.00443	0.140502	1.29232	1.29232	0.0230615	0.644343	-1.55197	21.7756	9.02124	0.368251	1
cg21971800	NXN	0.000206642	0.000109341	0.310915	-3.21632	0.000643544	0.407415	-2.4545	0.146988	0.765784	-1.30585	0.0184046	0.612403	-1.63291	2.33E-05	0.234635	-4.26193	0.00392549	0.514033	-1.9454	0.000147589	0.326629	-3.06158	0.017342	0.608452	-1.64351	0.00391179	0.513819	-1.94621	18.2091	8.47806	0.413862	1
cg07935748	NXN	0.000212157	0.143073	0.682853	-1.46444	0.050209	1.71792	1.71792	0.792653	0.938141	-1.06594	0.0386182	0.559546	-1.78716	2.57E-06	0.0637472	-15.687	0.0129695	0.473594	-2.11151	0.668355	1.11011	1.11011	0.901433	1.03049	1.03049	0.13215	0.67444	-1.48271	18.0794	16.8223	0.827082	1
cg25293325	NXN	0.000245352	0.0316913	0.547815	-1.82544	0.00101517	0.311994	-3.20519	0.0205959	0.513558	-1.9472	0.567991	0.871176	-1.14787	1.33E-05	0.112926	-8.85533	0.000190565	0.222561	-4.49316	0.0773644	0.625522	-1.59867	0.0448659	1.73351	1.73351	0.724057	0.918787	-1.08839	17.3786	15.7156	0.803831	1
cg13443092	NXN	0.000319126	0.00830643	0.434483	-2.30159	0.00355997	2.65318	2.65318	0.000666654	3.62122	3.62122	8.87E-05	0.176509	-5.66543	0.232622	1.3624	1.3624	0.078586	1.62041	1.62041	0.183821	1.41675	1.41675	0.00678111	0.420252	-2.37952	0.950988	0.984928	-1.0153	16.174	15.6364	0.859343	1
cg04101699	NXN	0.000319225	0.715435	1.06685	1.06685	0.91201	1.01973	1.01973	0.0107279	1.76241	1.76241	0.386188	1.16999	1.16999	4.69E-06	0.15659	-6.38612	0.178334	1.28755	1.28755	0.196154	0.785397	-1.27324	0.676421	0.928505	-1.077	0.626661	0.91701	-1.0905	16.1726	8.00062	0.439734	1
cg22301080	NXN	0.000379761	0.0129524	0.735753	-1.35915	0.00320877	1.49209	1.49209	0.434634	1.08254	1.08254	0.067307	0.815479	-1.22627	0.191713	0.871534	-1.1474	0.898627	0.9874	-1.01276	8.35E-05	2.02255	2.02255	0.0915951	0.831261	-1.20299	0.000406562	0.571789	-1.7489	15.4192	2.41709	0.139341	1
cg20398408	NXN	0.00044071	0.0028896	0.491943	-2.03276	0.053171	0.683571	-1.46291	0.563568	1.1064	1.1064	0.0190366	0.61168	-1.63484	6.51E-06	0.175725	-5.69072	0.00948113	0.565979	-1.76685	0.865517	0.971075	-1.02979	0.554054	0.901545	-1.10921	0.0512897	0.680928	-1.46858	14.7989	7.02824	0.422149	1
cg15019011	NXN	0.000595491	0.683737	0.909033	-1.10007	0.00598892	0.433232	-2.30823	0.717939	0.919	-1.08814	0.233199	0.74746	-1.33786	2.66E-05	0.144642	-6.91364	0.000467039	0.27773	-3.60062	0.0431645	1.71895	1.71895	0.855395	1.04339	1.04339	0.980259	1.00578	1.00578	13.6125	11.6903	0.763372	1
cg11349631	NXN	0.000741024	0.200374	0.789929	-1.26594	0.555327	1.10961	1.10961	0.44891	0.874122	-1.144	0.234905	0.804886	-1.24241	7.65E-06	0.180239	-5.5482	0.468597	1.13719	1.13719	0.898004	0.97789	-1.02261	0.627768	0.918343	-1.08892	0.0146476	0.592166	-1.68871	12.8048	6.16399	0.427896	1
cg20633370	NXN	0.000887027	0.904343	1.0251	1.0251	0.000116039	4.02698	4.02698	0.327712	1.23161	1.23161	0.217895	1.30638	1.30638	0.00100673	0.36552	-2.73583	0.102168	1.44606	1.44606	0.00388368	2.22961	2.22961	0.0102558	1.94874	1.94874	0.521112	0.8745	-1.14351	12.1725	8.19654	0.598546	1
cg17780413	NXN	0.00090732	0.3501	0.914069	-1.09401	0.00546514	0.710805	-1.40686	0.661238	0.959644	-1.04205	0.1351	0.860296	-1.16239	0.00310284	0.685246	-1.45933	0.00608525	1.39734	1.39734	0.000121984	1.87126	1.87126	0.36113	0.916038	-1.09166	0.869837	0.984796	-1.01544	12.095	1.67171	0.122858	1
cg18595005	NXN	0.0011055	0.00785682	0.29974	-3.33623	0.15984	1.69984	1.69984	0.0187339	2.73546	2.73546	0.137672	1.75896	1.75896	0.00289664	0.235395	-4.24817	0.263561	0.662525	-1.50938	0.00811651	3.31096	3.31096	0.000291827	8.05249	8.05249	0.278911	1.48836	1.48836	11.436	22.6005	1.75667	1
cg02262633	NXN	0.00114291	0.146803	1.55871	1.55871	0.203875	0.682339	-1.46555	0.00356008	0.324422	-3.0824	0.331454	0.751554	-1.33058	2.22E-05	0.0883654	-11.3167	0.081699	0.576989	-1.73314	0.50093	0.823069	-1.21497	0.600096	1.16274	1.16274	0.521426	1.2035	1.2035	11.3282	14.5764	1.14377	1
cg23768572	NXN	0.00116748	0.197702	0.756995	-1.32101	0.066957	1.52179	1.52179	0.843266	0.960332	-1.04131	0.0817347	1.48354	1.48354	1.78E-05	0.166349	-6.01145	0.738448	1.07092	1.07092	0.320193	0.810565	-1.23371	0.431402	0.848578	-1.17844	0.209574	0.763074	-1.31049	11.2597	7.45542	0.588563	1
cg14008506	NXN	0.00138382	0.870137	0.983616	-1.01666	0.260445	0.88824	-1.12582	0.0667902	0.812612	-1.2306	0.703379	0.96211	-1.03938	3.96E-05	0.452214	-2.21134	0.652102	0.95521	-1.04689	0.00253002	1.52688	1.52688	0.956551	0.994514	-1.00552	0.634039	0.952731	-1.04961	10.7252	1.73171	0.143521	1
cg07470001	NXN	0.00154254	0.00691245	0.292356	-3.42049	0.00216368	0.219956	-4.54636	0.0242557	0.388755	-2.57232	0.0403879	0.434798	-2.29992	0.00235755	0.224828	-4.44784	0.000407864	0.138688	-7.21044	0.00073466	0.164537	-6.07766	0.870377	1.05913	1.05913	0.00403204	0.256976	-3.89141	10.3955	20.3734	1.74207	1
cg19431200	NXN	0.00235173	0.482005	0.849391	-1.17731	0.240007	1.32449	1.32449	0.138958	1.4388	1.4388	0.635374	1.11529	1.11529	5.30E-05	0.178347	-5.60706	0.38898	1.22344	1.22344	0.036007	1.74567	1.74567	0.322528	1.26292	1.26292	0.465749	0.844034	-1.18479	9.1958	7.59929	0.734567	1
cg20945055	NXN	0.00282921	0.992314	1.00334	1.00334	0.30465	1.44466	1.44466	0.906649	1.04143	1.04143	0.0612211	0.48194	-2.07495	0.0788092	0.50892	-1.96495	0.0312854	2.39733	2.39733	0.000134834	0.101466	-9.85549	0.00772523	0.305988	-3.2681	0.551902	1.23156	1.23156	8.70817	16.5166	1.68594	1
cg02724608	NXN	0.00283598	0.601725	1.06002	1.06002	0.109428	1.21311	1.21311	0.807594	0.973355	-1.02737	0.181103	1.17019	1.17019	0.899945	1.01402	1.01402	0.0617749	1.2622	1.2622	7.22E-05	0.449336	-2.22551	0.238	1.14662	1.14662	0.127689	1.19998	1.19998	8.70202	1.68859	0.172485	1
cg12027493	NXN	0.00312036	0.203465	0.672316	-1.4874	0.00434277	0.323913	-3.08725	0.193966	0.665989	-1.50153	0.0698466	1.82139	1.82139	0.000633664	0.21168	-4.72412	0.00551269	0.339921	-2.94186	0.135675	0.621495	-1.60902	0.0857637	1.75357	1.75357	0.0128103	0.400762	-2.49524	8.45868	11.7196	1.23157	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF
cg00050385	NXN	0.00332789	0.316972	0.896886	-1.11497	0.0508149	1.26357	0.811599	0.7175506	-1.39372	0.6226889	1.05356	1.05356	0.0804547	0.815483	1.22627	0.867078	1.01778	1.01778	0.002009066	3.56099	1.85699	0.307848	0.885554	-1.12926	0.0239134	0.753154	1.27375	8.29792	1.45439	0.155797	1
cg07090980	NXN	0.00350287	0.586482	1.22095	1.22095	0.203267	0.613111	-1.63103	0.9310701	1.03194	1.03194	0.790065	1.10184	1.10184	0.000164537	0.6968207	-10.3284	0.00246923	0.216563	-4.6176	0.364219	1.39924	1.39924	0.100618	1.92259	1.92259	0.586994	1.22061	8.1718	1.07095	1.85979	1
cg07663964	NXN	0.00369029	0.868681	0.96197	-1.03953	0.1895112	0.722066	-1.38492	0.000426605	0.2706644	-3.66489	0.177263	1.39935	1.39935	0.000373657	0.2635582	-3.79389	0.577463	0.876457	-1.14096	0.515487	1.16709	1.16709	0.82046	1.05471	1.05471	0.753256	0.928774	-1.07669	0.045115	6.99543	0.772609	1
cg08238240	NXN	0.00380866	0.792837	1.03482	1.06111	0.000950097	1.035555	1.03355	0.0332817	1.75531	1.760215	1.35106	1.23106	0.002565339	0.3896242	-3.56658	0.202035	1.85709	1.85709	0.841201	0.955789	-1.04626	0.01783114	1.39192	1.91396	0.145207	1.42276	1.42276	7.96021	0.641263	0.715267	1
cg09780231	NXN	0.00428361	0.247144	0.588061	-1.70051	0.108324	0.463669	-2.15671	0.283813	0.613523	-1.62993	0.587668	1.2715	1.2715	0.000511275	0.0924899	-10.812	0.007438378	0.220383	-4.53755	0.0075026	2.020964	-4.52563	0.014929	3.71833	3.71833	0.590048	0.7877	-1.26952	7.69172	23.45	2.70998	1
cg13636502	NXN	0.00434272	0.110428	0.612412	-1.63289	0.37695	0.774482	-1.29119	0.0197932	0.452403	-2.21043	0.0597934	0.549488	1.81868	8.78E-05	0.137847	-7.25442	0.0405132	0.513324	-1.94809	0.383621	1.28637	1.28637	0.963611	0.01204	1.01294	0.0593509	0.548812	-1.82212	7.65988	0.6392	1.11858	1
cg18229049	NXN	0.00508461	0.0578842	0.353305	-2.83042	0.2800777	0.579909	-1.72441	0.0777885	0.386301	-2.58866	0.922957	1.04806	1.04806	0.000343223	0.0609926	-16.3954	0.015009	0.234366	-4.26683	0.00101233	0.09380787	-10.66	0.402185	0.659644	-1.51597	0.0307275	0.291845	-3.42648	7.30108	27.2299	3.31518	1
cg20405644	NXN	0.00515838	0.0731871	1.95638	1.95638	0.00838816	3.08349	3.08349	0.0160121	2.668435	2.669435	0.0509682	2.112134	2.11134	0.017576	0.379621	-2.64116	0.160561	1.55627	1.55627	0.0449013	0.4354648	-2.29638	0.00366076	3.34793	3.34793	0.153861	1.67066	1.67066	7.269	15.0991	1.50981	1
cg18653826	NXN	0.00552632	0.00335013	0.494686	-2.02149	0.815754	0.959683	-1.04201	0.0568624	0.683874	-1.44236	0.0877256	0.717272	1.39417	0.000767628	0.4072666	-2.45554	0.697809	0.93512	-1.07121	0.2228815	1.38968	1.38968	0.00967096	0.563442	-1.78113	7.11715	3.503991	0.43762	1
cg02528102	NXN	0.00569077	0.00490488	0.307492	-3.25211	0.00670628	0.328774	-3.0416	0.245805	0.681123	-1.46816	0.0579238	0.50754	-1.97029	0.0367444	0.4641415	-2.15464	0.160892	0.622642	-1.60606	0.000750402	0.19838	-5.04083	0.00161217	0.239182	-4.18092	0.0366463	0.463871	-2.15577	7.03525	11.1801	1.40897	1
cg00764158	NXN	0.00580576	0.00200047	0.122303	-8.17818	0.0100134	0.242961	-4.11596	0.0139988	0.3511466	0.2855	0.0913984	0.4406	2.27011	0.0882306	0.4041581	-2.47419	0.119504	0.088306	11.31662	0.0012626	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg14136893	NXN	0.00593017	0.985424	0.989972	-1.01023	0.2127795	-4.69535	0.574167	1.36754	1.36754	0.5641561	0.719497	-1.38986	0.0003639276	0.0555654	-17.9968	0.000972563	0.066817	-14.9663	0.952598	0.0677581	-1.03332	0.294211	1.82176	1.82176	0.7234615	0.822095	-1.21641	6.96427	33.524	4.27803	1
cg10768243	NXN	0.00619662	0.347278	0.896868	-1.11524	0.3077141	0.807577	-1.12654	0.0112881	0.699128	-1.42994	0.0546521	1.27848	1.27848	0.215926	0.6963661	-1.43625	0.276123	1.13964	1.11964	0.000412292	1.885166	1.88166	0.945949	0.0902894	-1.00756	0.9227251	0.892273	-1.12075	6.870336	1.382037	0.378813	1
cg06102257	NXN	0.00655538	0.0333199	0.478105	-2.09159	0.827833	0.937427	-1.06675	0.2767847	0.714915	-1.39877	0.0727484	0.552172	-1.81103	8.18E-05	0.121661	-8.21954	0.239514	0.693914	-1.4411	0.1414421	0.6253857	-1.59901	0.598848	0.854288	-1.17057	0.1215119	0.607732	1.64546	6.71989	9.36727	1.23908	1
cg08802180	NXN	0.00668798	0.984266	1.00148	1.01148	0.266665	0.916786	-1.09077	0.000458478	1.513131	1.51313	0.280683	1.08782	1.08782	0.0184264	1.109135	1.09135	0.038919	0.853711	-1.19659	0.0314403	0.827418	1.20858	0.579822	0.958887	-1.04288	0.0514989	0.18106	0.6059	0.598805	0.0793406	1
cg00565046	NXN	0.00732556	0.805004	1.03981	1.03981	0.265347	0.680925	-1.04155	0.00358201	0.536524	-1.86386	0.556637	1.08838	1.08838	0.766336	0.954001	-1.04805	0.609048	1.08842	1.08842	0.0650302	1.38678	1.38678	0.0151055	1.59169	1.59169	0.732439	1.05566	6.52263	2.57325	0.350688	1
cg11601913	NXN	0.00753588	0.00414319	0.593299	-1.68549	0.0189209	0.679734	-1.47116	0.00258778	0.567169	-1.76314	0.0968621	0.780734	-1.28085	0.05909	0.748661	-1.33572	0.005913088	0.613208	-1.63077	0.208865	1.19713	1.19713	0.0143128	0.663516	-1.50732	0.8724994	0.978422	-1.02205	6.46433	1.88856	0.259689	1
cg02279477	NXN	0.00778236	0.0012885	0.169284	-5.90826	0.0539279	0.298496	-3.26792	0.0693745	0.397429	-2.51617	0.0227119	0.286787	-3.48265	0.00234416	0.152217	-6.56958	0.043185	0.346684	-2.88447	0.0295177	0.3112311	-3.21205	0.104037	0.24668	2.24668	0.248252	0.577485	-1.73165	6.39392	21.0039	2.91998	1
cg08532863	NXN	0.00852283	0.5062	1.2195	1.2195	0.0106115	2.57443	-1.45743	0.2319954	1.446116	1.44616	0.0512709	1.322074	-1.55434	0.0023705	0.4540538	-2.20305	0.2203075	0.405948	-2.46305	0.2250514	0.0020542	2.07861	-3.58824	0.321897	1.35139	1.35139	0.377767	0.766198	-1.30515	6.21874	8.523881	1.219008	1
cg25647823	NXN	0.00912623	0.0495528	0.711498	-1.40549	0.1218849	0.775109	-1.29014	0.0139546	0.630474	-1.58611	0.203934	0.81572	-1.22591	0.0625055	0.7272664	-1.37502	0.659593	0.934879	-1.06966	0.00092473	2.12035	2.12035	0.792522	1.04086	1.04086	0.918425	1.01568	1.01568	6.08541	2.2242	0.324886	1
cg14235846	NXN	0.00935675	0.00390822	0.648067	-2.29398	0.1603244	0.24291	-4.1164	0.0604061	0.6510547	-1.53668	0.0155923	0.1093416	-10.7133	0.00524356	0.0548476	-18.2227	0.053959	0.173848	-5.75255	0.0150373	0.1139853	-8.77295	0.0017551	0.0758	0.0758	0.0758	0.0758	0.0758	0.0758	0.0758	1.94292	0.0938398	0.141817	0.151509	6.90325	1
cg05162031	NXN	0.00970568	0.00979382	0.2781	-3.59583	0.0107063	0.28487	-3.51037	0.015509	0.312785	-3.19709	0.106665	0.501776	-1.99292	0.0450853	0.406522	-2.45989	0.004072	0.220146	-4.54268	0.0014992	0.0961459	-10.4005	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg14008993	NXN	0.00977865	0.0675563	0.450033	-2.22178	0.2319907	0.373858	-2.67503	0.1726123	0.5411693	0.2855	0.0913984	0.4406	2.27011	0.0882306	0.4041581	-2.47419	0.119504	0.088306	11.31662	0.0012626	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg27345989	NXN	0.0102199	0.0157553	0.514681	-1.94295	0.78911	0.941596	-1.06203	0.0057948	0.444245	-2.25101	0.0336223	0.572867	-1.74561	0.00343905	0.409831	-2.44003	0.944192	1.01584	1.01584	0.104244	0.6771911	-1.48989	0.0315535	0.76119	1.76119	0.978344	0.993925	-1.00611	5.8696	1.684559	0.709432	1
cg21239920	NXN	0.0105447	0.00754502	0.263144	-3.8002	0.109015	0.524914	-1.90507	0.246216	0.693911	-1.44163	0.0239744	0.33191	-3.01359	0.0044582	0.2315681	-4.31774	0.020262	0.609156	-1.64116	0.325117	0.687491	-1.45457	0.356634	0.704949	-1.41854	0.1648288	0.58069	-1.72209	0.581599	12.5159	1.91451	1
cg26787320	NXN	0.0107207	0.188273	0.8184	-1.22211	0.2307907	0.337858	-2.95972	0.0013407	0.2870769	-3.48485	0.0010854	0.2000427	0.1060699	-4.99777	0.0002385	-10.0854	0.203812	1.21088	1.21088	0.1883	0.4112166	1.12706	1.12706	0.00202089	1.86109	1.86109	0.317317	1.15887	5.54208	1.78591	0.4125	1
cg03700135	NXN	0.0125241	0.709844	1.15384	1.15384	0.138119	1.84285	1.84285	0.0185488	2.98367	2.98367	0.00248616	5.00155	5.00155	0.0554492	0.435534	-2.29603	0.878228	0.942984	-1.06046	0.113882	0.5169242	-1.93452	0.0144017	0.37368	0.37368	0.330539	0.14687	1.46878	5.49659	12.7623	2.06388	1
cg21775160	NXN	0.0134783	0.0137387	0.615107	-1.6255	0.0584422	0.191335	0.191335	0.0178435	0.4648468	-1.16487	0.0697221	0.707448	1.41353	0.000157599	0.1555014	-6.428	0.777472	0.923716	1.08043	0.0995782	1.000262	1.00026	0.000547	0.709716	-1.40415	0.1289154	0.701412	-1.42572	5.36325	7.03761	1.16531	1
cg01094536	NXN	0.0137765	0.648156	0.856911	-1.16698	0.852719	1.64596	1.64596	0.0011693	2.020556	-4.93691	0.232405	0.656446	-1.52336	0.0019179	0.2284419	-4.37793	0.72166	0.886717	-1.12776	0.0887391	1.004776	1.00476	0.254527	0.67046	-1.49151	0.2003838	0.190805	2.55382	5.32797	0.5328	1.5904	1
cg17294308	NXN	0.0142652	0.366498	0.918593	-1.08862	0.0049549	0.711382	-1.40571	0.326626	0.911477	-1.09712	7	7	7	1.88724	0.806019	-1.13556	0.885683	0.840421	-1.18988	0.0971991	1.183576	1.1836	0.0118219	1.33335	1.33335	0.170514	1.14292	1.14292	5.36799	0.6130306	0.117928	1
cg08301525	NXN	0.0146446	0.0016444	0.3935	-2.54135	0.0122654	0.024102	-5.0819	0.0038505	0.2423931	-4.1264	0.0040611	0.0310547	-3.2208	0.0015958	0.0134416	-10.7133	0.0054356	0.0048706	-12.2407	0.0013142	0.0092059	-10.8654	0.0004706	-2.12077	0.973343	0.0992093	-1.00797	0.407571	0.848995	-1.17786	5.18335	0.403876	0.795498	1.94	0.307252	1
cg22237425	NXN	0.0150635	0.0112768	0.257293	-3.60253	0.0025184	0.182306	-5.4853	0.0131973	0.287402	-3.47945	0.618084	0.815465	-1.22629	0.00269173	0.185799	-5.38217	0.027701	0.512529	-1.95111	0.385911	0.69916	-1.43029	0.0845638	0.461054	-2.16894	0.162446	0.545994	-1.83169	5.17546	13.4952	2.3187	1
cg16883779	NXN	0.0154443	0.0028444	0.376503	-2.65618	0.0137907	0.331537	-3.01743	0.0126205	0.3026395	-3.30478	0.0010848	0.2000427	0.1060699	-4.99777	0.0002385	-10.0854	0.004707	0.198748	-5.03097	0.0012457	0.375093	-2.66479	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg17624832	NXN	0.0156003	0.816354	1.03939	1.03939	0.862108	0.1293	1.0293	0.0723088	0.715682	-1.39532	0.469665	0.884994	-1.12995	0.00711323	0.561309	-1.78155	0.508263	1.894518	-1.11792	0.00651595	1.79898	1.79898	0.0143129	0.65143	1.65143	0.743822	0.946991	-1.05598	5.11379	2.2343	0.388371	1
cg13383734	NXN	0.0162532	0.505918	0.79956	-1.25066	0.836117	0.933661	-1.07105	0.159048	0.607273	-1.64671	0.880215	0.951258	-1.05124	0.00242219	0.133765	-7.47581	0.963908	0.985117	-1.01511	0.312103	0.70147	-1.41413	0.443892	1.29521	1.29521	0.0891091	0.537236	-1.86158	5.04546	8.7736	1.54597	1
cg00630007	NXN	0.0167859	0.0675563	0.450033	-2.22178	0.2319907	0.373858	-2.67503	0.1726123	0.5411693	0.2855	0.0913984	0.4406	2.27011	0.0882306	0.4041581	-2.47419	0.119504	0.088306	11.31662	0.0012626	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg10655236	NXN	0.0183159	0.0139221	0.218399	-4.57876	0.2765	0.567306	-1.76272	0.0196393	0.249732	-4.10287	0.85597	0.919026	-1.09526	0.00381765	0.141787	-7.05281	0.032227	0.284772	-3.51158	0.00689826	0.174281	-5.73787	0.89555	1.06799	1.06799	0.0460831	0.318323	-3.14146	4.84666	19.2516	3.53079	1
cg19216393	NXN	0.0187585	0.0734305	0.464545	-2.15284	0.0242618	0.297042	-3.36724	0.0493274	0.39931	-2.50439	0.0464648	0.56813	-1.75998	0.00413111	0.2284419	-4.37793	0.480468	1.13028	1.13028	0.9751593	1.1013	1.10113	0.0990122	0.594085	1.68582	1.68582	0.188527	1.78925	4.72239	5.64873	12.5224	2.16099	1
cg14193825	NXN	0.0192427	0.340953	0.534533	-1.87079	0.103824	0.321333	-3.11204	0.0289744	0.193945	-5.17208	0.4804007	0.632644	-1.58067	0.00009008	0.0419419	-23.8425	0.023708	0.178571	5.60001	0.0419705	0.161839	-6.03059	0.464066	0.34283	1.34283	0.242168	0.5922	-1.68862	4.76655	10.7558	5.73549	1
cg20142501	NXN	0.0196248	0.177782	1.37065	1.37065	0.156044	0.712182	-1.40374	0.0189761	0.53506	-1.86895	0.564409	0.879619	-1.13686	0.00361223	0.42011	-2.38033	0.045046	1.18446	1.18446	0.0067899	0.4619564	-2.16472	0.595338	1.12526	1.12526	0.569499	0.87846	-1.13836	4.7349	3.634609	0.682345	1
cg19796317	NXN	0.0201054	0.0474316	0.3076	-3.25113	0.0242618	0.297042	-3.36724	0.0493274	0.39931	-2.50439	0.0464648	-1.68687	0.00497221	0.1004976	0.2228	-4.48644	0.777472	0.923716	1.08043	0.0995782	1.000262	1.00026	0.000547	0.709716	-1.40415	0.1289154	0.701412	-1.42572	5.36325	7.03761	1.16531	1
cg18394087	NXN	0.0202162	0.145602	0.583182	-1.71473	0.0516634	0.33229	-3.0229	0.823612	1.07913	1.07913	0.0830202	0.515618	-1.93942	0.00134901	0.1922303	-5.20284	0.140208	0.578293	-1.72923	0.959054	0.982437	-1.01788	0.591933	0.829656	-1.20532	0.124831	0.563595	-1.77433	6.6874	8.84229	1.6768	1
cg06573794	NXN	0.0206053	0.306059	0.822963	-1.2158	0.6840429	0.79436	-1.25895	0.0423529	0.6142525	0.62849	1.59122	0.2090427	0.1918498	-5.21268	0.0001127	-8.87513	0.009387	0.134332	7.44509	0.0096178	0.1283801	7.79033	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg13357416	NXN	0.0215133	0.30172	1.67718	1.67718	0.2029313	1.83013	1.83013	0.00308467	7.08145	7.08145	0.014784	4.26162	4.26162	0.131835	0.455619	-2.19482	0.771015	1.15148	1.15148	0.446065	0.687024	-1.45555	0.0835029	2.52399	2.52399	0.226816	1.84646	1.84646	4.58899	16.9762	3.2883	1
cg18394087	NXN	0.0202162	0.145602	0.583182	-1.71473	0.0516634	0.33229	-3.0229	0.823612	1.07913	1.07913	0.0830202	0.515618	-1.93942	0.00134901	0.1922303	-5.20284	0.140208	0.578293	-1.72923	0.959054	0.982437	-1.01788	0.591933	0.829656	-1.20532	0.124831	0.563595	-1.77433	6.6874	8.84229	1.6768	1
cg06573794	NXN	0.0206053	0.306059	0.822963	-1.2158	0.6840429	0.79436	-1.25895	0.0423529	0.6142525	0.62849	1.59122	0.2090427	0.1918498	-5.21268	0.0001127	-8.87513	0.009387	0.134332	7.44509	0.0096178	0.1283801	7.79033	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg02151133	NXN	0.0215133	0.30172	1.67718	1.67718	0.2029313	1.83013	1.83013	0.00308467	7.08145	7.08145	0.014784	4.26162	4.26162	0.131835	0.455619	-2.19482	0.771015	1.15148	1.15148	0.446065	0.687024	-1.45555	0.0835029	2.52399	2.52399	0.226816	1.84646	1.84646	4.58899	16.9762	3.2883	1
cg14570198	NXN	0.0222162	0.0922566	0.429899	-2.32472	0.1338	0.169075	0.263596	0.2839889	0.4648568	-2.15189	0.0918859	0.332207	-3.0098	0.0018859	0.1322037	-7.56389	0.042328	0.184419	-5.42408	0.0218836	0.1522037	-6.56389	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg01554963	NXN	0.0220361	0.132769	0.48043	-2.08147	0.86157	1.08208	1.08208	0.0187637	2.582837	-1.58011	0.74114	0.860857	-1.16163	0.000460114	0.0827238	-12.0871	0.259282	0.703511	-1.42144	0.0714128	0.547911	-1.82511	0.0449822	1.98873	1.98873	0.0366606	0.4836	-2.06783	4.53685	6.45188	1.25704	1
cg23746337	NXN	0.0224543	0.0803555	0.387135	-2.58407	0.0790017	0.277167	-3.60963	0.0025319	0.2863326	-3.49316	0.0010846	0.2000427	0.1060699	-4.99777	0.0002385	-10.0854	0.013851	0.348008	-2.87331	0.0078302	0.1058888	9.44645	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg16601957	NXN	0.0240954	0.482044	1.24275	1.24275	0.1808048	2.39464	2.39464	0.488352	1.23876	1.23876	0.69556	1.12706	1.12706	0.0015303	0.2500773	3.99884	0.420608	0.778607	-1.28434	0.151889	0.6269413	-1.59504	0.633732	0.86416	-1.15719	0.454722	0.793268	-1.26061	4.38201	6.41995	1.30228	1
cg02609706	NXN	0.0242469	0.742369	1.04414	1.04414	0.4807475	1.213301	1.213301	0.0616558	2.63664	-2.63664	0.3586779	1.29426	1.29426	0.0234267	0.477154	-2.09573	0.518878	1.19991	1.19991	0.328555	1.313731	1.31731	0.0747907	2.07563	2.07563	0.0748	1.10012	1.10012	4.53241	1.843	0.406813	1
cg08104050	NXN	0.0243643	0.0508474	0.4139	-2.41593	0.1534928	0.150857	-6.62879	0.006030517	0.0453194	-22.0656	0.3586779	0.121282	-8.24525	0.03350011	0.2403187	-4.32038	0.096385	0.0990464	-10.0976374	0.2242044	-4.46	-12.0592	0.3226247	0.144122	-6.93766	0.0888186	0.198145	0.04681	4.05456	47.7622	10.4471	1
cg24015037	NXN	0.0311434	0.326532	0.845311	-1.183	0.423448	1.14527	1.14527	0.362585	1.1656	1.1656	0.920172	1.01677	1.01677	0.000426316	0.417903	-2.3929	0.422227	0.872835	-1.14569	0.761764	0.8969192	-1.05174	0.649926	1.07875	1.07875	0.465564	1.13112	1.13112	4.03278	1.75799	0.387488	1
cg02641184	NXN	0.0313662	0.26101	1.26101	1.26101	0.1729193	1.1652	1.1652	0.0220716	1.8562	1.8562	0.212154	1.27237	1.27237	0.0022744	0.3104327	-3.2225	0.0096367	0.1283801	7.79033	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg05322931	NXN	0.0320759	0.0256208	0.381692	-2.61991	0.0091746	0.300647	-3.32616	0.564499	0.869304	-1.23563	0.580775	0.816591	-1.2246	0.00260238	0.2197595	-4.55049	0.067614	0.475336	-2.10377	0.619357	1.1995	1.1995	0.38718	0.724718	-1.37985	0.245982	0.643559	-1.55386	3.99049	8.33908	1.85754	1
cg08495020	NXN	0.0321391	0.173809	1.18343	1.18343	0.8764	0.979465	-1.02096	0.0225929	0.775112	-1.36034	0.0183268	1.3954	1.3954	0.0042407	0.46885	-2.13403	0.1283801	7.79033	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	0.1135996	8.80351	0.0001127	1.98562	0.377737	0.646637	1.46466	7.00994	25.7612	3.28662	1
cg02884820	NXN	0.0360219	0.694382	0.851328	-1.17463	0.637711	2.16608	2.16608	0.115606	0.497983	-2.0081	0.595561	1.24403	1.24403	0.266425	0.62377	-1.60316	0.206414	0.718339	-1.392	0.734516	0.918993	-1.08815	0.889172	0.965988	-1.03521	0.0217223	0.5047	-1.98138	3.76204	3.669886	0.86711	1
cg00349982	NXN	0.0377546	0.15417	0.684833	-1.46021	0.0722295	0.607789	-1.64531	0.670673	0.899285	-1.11199	0.358088	0.79093	-1.26433	0.001122656	0.3040101	-3.28839	0.206414	0.718339	-1.392	0.734516	0.918993	-1.08815	0.889172	0.965988	-1.03521	0.0217223	0.5047	-1.98138	3.76204	3.669886	0.86711	1
cg22160185	NXN	0.0404357	0.4613667	0.7996	-1.25071	0.3980717	0.776274	-1.28874	0.2482629	0.6461	-1.5479	0.0446	1.15894	1.15894	0.0450048	0.4308359	-2.32107	0.0446	1.15894	1.15894	0.0450048	0.4308359	-2.32107	0.0446	1.15894	1.15894	0.0450048	0.4308359	-2.32107	0.0446	1.15894	1.15894	0.0450048	0.4308359	-2.32107	0.0446	1.15894	1.15894	0.0450048	0.4308359	-2.32107	0.0446	1.78307	0.129063	1.4925	1.4925	0.020869	1.97141	1.97141	3.66484	0.838908	0.838908	1
cg25210580	NXN	0.0403178	0.0285062	0.216726	-4.61412	0.232409	0.476697	-2.09777	0.561783	1.4149	1.4149	0.0462758	0.6721	0.6721	0.0001127	0.0001127	-8.87513	0.0001127	0.1135996

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13483603	OAS1;OAS1;OAS1;OAS1;OAS1;OAS1	0.00150414	0.0046304	0.26381	-3.7906	0.00740508	0.295123	-3.38842	0.000171623	0.104516	-9.56793	0.0099598	0.316231	-3.16225	0.00124813	0.188653	-5.30074
cg12247536	OAS2;OAS2	0.000431614	0.154287	0.679735	-1.47116	0.000558828	0.257939	-3.87688	3.76E-05	0.134756	-7.42081	0.140627	0.669479	-1.4937	0.000764299	0.275076	-3.63536
cg12560128	OAS2;OAS2;OAS2	0.00569701	0.737334	1.0928	1.0928	0.00567292	2.60303	2.60303	0.0387244	0.532014	-1.87965	0.0021425	0.320846	-3.11676	0.938685	0.979922	-1.02049
cg11318133	OAS2;OAS2;OAS2	0.00617802	0.00156417	0.166474	-6.00693	0.970385	0.98546	-1.01475	0.00369446	0.21269	-4.70167	0.00291215	0.199081	-5.02308	0.0161172	0.312977	-3.19512
cg00085448	OAS2;OAS2;OAS2	0.0128539	0.00605027	0.255753	-3.91003	0.0469746	0.421152	-2.37444	0.00837068	0.277693	-3.6011	0.0140393	0.31558	-3.16877	0.00607961	0.25607	-3.90519
cg06255132	OAS2;OAS2;OAS2	0.013819	0.0164948	0.431232	-2.31894	0.0247864	0.464298	-2.15379	0.00137866	0.263937	-3.78878	0.58995	1.16906	1.16906	0.0456598	0.517942	-1.93072
cg20870559	OAS2;OAS2;OAS2	0.0233262	0.0198108	0.54327	-1.84071	0.232387	0.762152	-1.31207	0.0154263	0.524862	-1.90526	0.00350719	0.423673	-2.36031	0.0423539	0.602251	-1.66044
cg00175901	OAS2;OAS2;OAS2;OAS2;OAS2;OAS2	0.000621871	0.000492873	0.186469	-5.36281	0.809211	0.928252	-1.07729	0.00102884	0.223772	-4.46883	0.000485109	0.18571	-5.38473	0.0033898	0.293416	-3.40813
cg25800166	OAS3	0.00520287	0.00992511	0.473533	-2.11178	0.785753	0.93938	-1.06453	0.0059153	0.437639	-2.28499	0.099019	0.660285	-1.5145	0.00934233	0.469249	-2.13107
cg25319449	OAS3	0.0339962	0.0749103	0.5739	-1.74246	0.0041887	0.341655	-2.92693	0.00542731	0.359056	-2.78508	0.311995	0.746169	-1.34018	0.336375	0.757678	-1.31982
cg24997562	OASL;OASL	2.52E-05	3.72E-05	0.169564	-5.89748	0.000582909	0.304134	-3.28802	0.225358	0.752009	-1.32977	0.00511645	0.436952	-2.28858	8.14E-05	0.203853	-4.9055
cg06800840	OASL;OASL	0.00033748	7.15E-05	0.105264	-9.49989	0.0879078	0.55661	-1.79659	0.617356	0.854973	-1.16963	0.0753371	0.540136	-1.85139	0.154934	0.622806	-1.60564
cg03636394	OASL;OASL	0.000841119	0.00122612	0.175585	-5.69524	0.00027595	0.111854	-8.94023	0.0118217	0.314619	-3.17845	0.0885172	0.50093	-1.99629	0.000838668	0.157485	-6.34979
cg20092046	OASL;OASL	0.000853744	0.000396683	0.195421	-5.11716	0.46373	0.805817	-1.24098	0.0289732	0.47459	-2.10708	0.251267	0.706804	-1.41482	0.000790338	0.230341	-4.34139
cg26328872	OASL;OASL	0.0191863	0.0117345	0.291035	-3.43601	0.126635	0.523179	-1.91139	0.104238	0.498392	-2.00645	0.183278	0.574881	-1.73949	0.0170101	0.319521	-3.12969
cg16933922	OAT	9.27E-05	0.211806	1.17581	1.17581	0.0207659	0.70981	-1.40883	1.46E-06	4.50824	4.50824	0.284659	0.872102	-1.14665	0.0162439	1.4361	1.4361
cg27479418	OAT	0.000254506	0.198436	0.876911	-1.14037	0.165545	1.15366	1.15366	0.23972	1.12635	1.12635	0.0105193	0.732629	-1.36495	0.225226	0.884177	-1.131
cg19577312	OAT	0.000360905	0.00113253	0.198116	-5.04754	0.000251239	0.129931	-7.69636	0.00229778	0.236871	-4.22171	0.0371083	0.441294	-2.26606	0.00156313	0.215206	-4.64672
cg18982923	OAT	0.00040519	0.00287783	0.321883	-3.10672	0.000126459	0.157999	-6.32914	0.00158187	0.285283	-3.50529	0.00451694	0.351204	-2.84735	0.00042697	0.213921	-4.67461
cg24289314	OAT	0.00158764	0.342935	0.75565	-1.32336	4.44E-05	0.108807	-9.19062	0.230155	0.696969	-1.43478	0.139242	1.57828	1.57828	0.642033	1.14367	1.14367
cg02065151	OAT	0.00901373	0.00734093	1.66431	1.66431	0.289692	1.17585	1.17585	0.0256937	1.47783	1.47783	0.0360968	1.43232	1.43232	0.738777	1.05057	1.05057
cg18669789	OAT	0.0107718	0.149481	1.4714	1.4714	0.276732	1.32672	1.32672	0.0191905	2.03009	2.03009	0.0669621	1.67057	1.67057	0.65341	0.893195	-1.11958
cg10140171	OAT	0.0135021	0.59962	0.964437	-1.03687	0.148873	1.11163	1.11163	0.102006	1.13015	1.13015	0.219041	1.09238	1.09238	0.11938	1.12247	1.12247
cg03092918	OAT	0.0202398	0.00460754	0.626835	-1.59532	0.995841	1.00065	1.00065	0.0573321	1.30517	1.30517	0.340452	0.885421	-1.12941	0.23036	0.855665	-1.16868
cg13948230	OAT	0.0294181	0.167888	1.35555	1.35555	0.957669	0.989074	-1.01105	0.806386	1.05214	1.05214	0.189081	0.74979	-1.33371	0.643786	0.908121	-1.10117
cg13609939	OAT	0.0345418	0.0495228	0.462046	-2.16429	0.985181	1.00642	1.00642	0.282684	1.46902	1.46902	0.00976965	3.08239	3.08239	0.0662627	0.491772	-2.03346
cg03853151	OAT;OAT	0.0113442	0.275106	0.846873	-1.18081	0.200571	1.21883	1.21883	0.0696865	1.34575	1.34575	0.537501	1.0957	1.0957	0.190188	1.22518	1.22518
cg01859460	OAZ1	0.000195359	0.000938327	2.10176	2.10176	0.00439792	1.7722	1.7722	0.0023557	1.89366	1.89366	0.00134562	2.01563	2.01563	0.313275	1.16993	1.16993
cg13437554	OAZ1	0.00103461	0.0126546	1.92346	1.92346	0.00388279	2.27217	2.27217	0.00956741	1.99865	1.99865	0.00353492	2.3038	2.3038	0.136849	1.40244	1.40244
cg03563807	OAZ1	0.00536513	0.00454153	0.211641	-4.72498	0.00175147	0.160086	-6.24666	0.502797	0.756283	-1.32226	0.00996398	0.262681	-3.80691	0.00379763	0.20115	-4.97141
cg25654695	OAZ1	0.00611169	0.00313092	9.64714	9.64714	0.0940434	2.80947	2.80947	0.0498447	3.50841	3.50841	0.157373	2.3359	2.3359	0.994507	1.00387	1.00387
cg13520531	OAZ1	0.00690378	0.206355	0.769934	-1.29881	0.00551784	0.48895	-2.0452	0.00463807	0.477719	-2.09328	0.574457	1.11771	1.11771	0.000855352	0.374364	-2.6712
cg00008839	OAZ1	0.0111503	?	?	?	0.074381	2.96397	2.96397	0.902414	0.935157	-1.06934	0.794613	0.867113	-1.15325	0.00306108	0.108978	-9.17614
cg21491915	OAZ1	0.0202283	0.318335	0.636035	-1.57224	0.198437	0.550858	-1.81535	0.898223	1.05775	1.05775	0.00709917	4.59969	4.59969	0.0237226	3.26902	3.26902
cg18838581	OAZ1	0.0285262	0.18649	0.669958	-1.49263	0.407286	1.27436	1.27436	0.134292	1.58695	1.58695	0.00577392	0.355418	-2.81359	0.03077	0.484035	-2.06597
cg13938187	OAZ2	0.00205016	0.0165846	0.658102	-1.51952	0.0469249	0.72237	-1.38433	0.58347	0.923875	-1.0824	0.27452	0.849958	-1.17653	0.00937815	0.624365	-1.60163
cg19797659	OAZ2	0.0103884	0.0396029	0.669687	-1.49323	0.252049	1.22334	1.22334	0.0710823	1.40452	1.40452	0.506649	1.12021	1.12021	0.000653078	2.4116	2.4116
cg17918937	OAZ2	0.0162265	0.162805	1.76902	1.76902	0.00716194	3.77886	3.77886	0.0579732	2.27173	2.27173	0.0418236	2.45513	2.45513	0.259029	1.56964	1.56964
cg01337439	OAZ2	0.0294211	0.303906	0.914484	-1.09351	0.220992	1.11407	1.11407	0.0327538	1.23333	1.23333	0.142466	0.876022	-1.14152	0.0460614	0.825371	-1.21158
cg17077762	OAZ2	0.0410346	0.159546	0.56787	-1.76097	0.0962217	0.502752	-1.98905	0.0200622	0.3478	-2.87522	0.0235213	0.361174	-2.76875	0.821498	1.0888	1.0888
cg26767544	OAZ2	0.0434759	0.690412	1.08727	1.08727	0.0207892	1.78887	1.78887	0.261711	1.2771	1.2771	0.204218	1.32314	1.32314	0.507023	0.868769	-1.15105
cg23864823	OAZ3;MRPL9	0.0106556	0.00121376	0.350879	-2.84999	0.301761	0.789336	-1.26689	0.0990575	1.49159	1.49159	0.27791	0.7792	-1.28337	0.444426	1.18814	1.18814
cg24153003	OAZ3;MRPL9	0.0247072	0.0163212	0.242357	-4.12614	0.0866214	0.401083	-2.49325	0.146297	0.471079	-2.12278	0.0932538	0.410156	-2.4381	0.00584746	0.175221	-5.70707
cg05124440	OAZ3;MRPL9	0.0336485	0.562865	1.10355	1.10355	0.00336704	0.510777	-1.9578	0.115819	0.749825	-1.33365	0.142994	1.30364	1.30364	0.759551	1.05307	1.05307
cg21441945	OAZ3;OAZ3	0.000713603	0.00102618	0.460125	-2.17332	0.00591488	0.563056	-1.77602	0.00459465	0.547823	-1.82541	0.359031	0.860323	-1.16235	0.000425015	0.410533	-2.43586
cg08506053	OAZ3;OAZ3	0.00122028	0.00118347	0.402902	-2.48199	0.201349	0.772658	-1.29423	0.149457	0.744211	-1.3437	0.0145265	0.562432	-1.77799	0.000571158	0.360718	-2.77225
cg10629350	OAZ3;OAZ3	0.00141311	0.841459	1.03011	1.03011	0.0377025	1.42906	1.42906	0.665298	0.937567	-1.06659	0.0381585	1.42748	1.42748	0.129883	1.27422	1.27422
cg05617886	OAZ3;OAZ3	0.00755053	0.00197887	0.197284	-5.06884	0.00639389	0.267715	-3.73531	0.0722914	0.474749	-2.10638	0.0361336	2.47212	2.47212	0.028145	0.381767	-2.6194
cg12095968	OAZ3;OAZ3	0.00760238	0.643651	0.94468	-1.05856	0.0430333	1.329	1.329	0.0307031	0.733378	-1.36355	0.135724	1.21704	1.21704	0.12386	1.22579	1.22579
cg09251328	OAZ3;OAZ3	0.00874739	0.0535165	0.589212	-1.69718	0.0441422	0.572459	-1.74685	0.0113842	0.465729	-2.14717	0.156109	0.693498	-1.44197	0.00060645	0.279443	-3.57855
cg22010000	OAZ3;OAZ3	0.0178122	0.297239	1.22998	1.22998	0.984157	1.00381	1.00381	0.00792652	1.91978	1.91978	0.430292	1.16673	1.16673	0.603155	1.10568	1.10568
cg09202979	OBFC1	0.00114903	0.0931584	2.09792	2.09792	0.0095414	3.73209	3.73209	0.00179422	5.94231	5.94231	?	?	?	0.803745	0.904941	-1.10504
cg18251019	OBFC1	0.0210965	0.0434601	0.222624	-4.49189	0.245216	2.1696	2.1696	0.113706	3.01466	3.01466	0.000838695	0.0332508	-30.0744	0.520605	0.661699	-1.51126
cg27317447	OBFC1	0.0356374	0.334261	1.48753	1.48753	0.399702	1.41028	1.41028	0.95244	0.976496	-1.02407	0.677049	1.18178	1.18178	0.440093	1.36886	1.36886
cg11005552	OBFC1	0.036972	0.765477	1.15642	1.15642	0.517206	0.726871	-1.37576	0.660223	0.806611	-1.23975	0.0110798	0.212779	-4.69971	0.516687	0.726576	-1.37632
cg19507224	OBFC1	0.038405	?	?	?	0.896228	0.939518	-1.06438	0.504004	1.38292	1.38292	0.01133	4.55413	4.55413	0.0029815	7.01452	7.01452
cg24587175	OBFC1	0.0397923	0.0283404	0.246688	-4.0537	0.0235721	0.231758	-4.31485	0.117861	0.399207	-2.50497	0.661023	0.787725	-1.26948	0.0152294	0.19955	-5.01128
cg24017516	OBFC1;OBFC1	4.00E-05	0.664569	0.854179	-1.17071	0.57751	1.22543	1.22543	0.343593	1.42258	1.42258	0.510885	1.27242	1.27242	0.105166	0.527483	-1.8958
cg15454486	OBFC2A;OBFC2A	0.0016768	0.00308052	0.0936512	-10.6779	0.0722115	0.309466	-3.23137	0.102062	0.351324	-2.84637	0.896863	1.07876	1.07876	?	?	?
cg02461883	OBFC2A;OBFC2A	0.00510033	0.0301981	1.42255	1.42255	0.134445	1.25005	1.25005	0.0587377	0.744349	-1.34346	0.00698454	1.6201	1.6201	0.00143225	0.528562	-1.89193
cg22795891	OBFC2A;OBFC2A	0.00716557	0.000878979	0.0298105	-33.5452	0.0868416	0.263947	-3.78864	0.031776	0.169857	-5.8873	0.769006	1.2305	1.2305	0.0184283	0.133471	-7.49224
cg26178446	OBFC2A;OBFC2A	0.0417755	0.166255	1.16147	1.16147	0.62369	1.05142	1.05142	0.303744	1.11406	1.11406	0.407635	1.08969	1.08969	0.106936	1.19538	1.19538
cg23466916	OBFC2A;OBFC2A;OBFC2A	0.0136042	0.210256	0.824233	-1.21325	0.23664	1.19907	1.19907	0.0663969	1.35179	1.35179	0.780643	1.04172	1.04172	0.0416358	1.41041	1.41041
cg11884792	OBFC2A;OBFC2A;OBFC2A	0.0420842	0.0280338	0.737217	-1.35645	0.0443259	1.31174	1.31174	0.420523	1.10151	1.10151	0.198234	0.852362	-1.17321	0.580192	0.936475	-1.06783
cg13683516	OBFC2B	0.000525209	0.0120571	1.48776	1.48776	0.519833	1.08632	1.08632	0.0085324	1.53098	1.53098	0.548274	1.08014	1.08014	0.989969	0.998406	-1.0016
cg12869229	OBFC2B	0.000744615	0.299336	0.814752	-1.22737	0.0546078	1.51479	1.51479	0.00175664	2.33752	2.33752	0.816355	0.956659	-1.0453	0.335953	1.20801	1.20801
cg02153528	OBFC2B	0.00086	0.00233836	0.392869	-2.54538	0.0817218	1.52843	1.52843	0.0022198	2.56659	2.56659	0.989319	1.00295	1.00295	0.0190906	0.535885	-1.86607
cg08409225	OBFC2B	0.00571859	0.0472032	0.533161	-1.87561	0.00361254	0.33588	-2.97725	0.089968	0.595938	-1.67803	0.693636	1.11589	1.11589	0.00501633	0.357649	-2.79603
cg10654546	OBFC2B	0.0350338	0.0455653	0.167138	-5.98308	0.137619	0.287199	-3.48191	0.915162	0.920217	-1.0867	0.352351	0.473902	-2.11014	0.00643788	0.062981	-15.8778
cg07262201	OBFC2B	0.0430066	0.582569	0.892507	-1.12044	0.0311543	0.595622	-1.67892	0.604636	0.898524	-1.11294	0.00142923	0.388721	-2.57254	0.752202	0.93717	-1.06704
cg14816013	OBFC2B;OBFC2B	0.00029973	3.88E-06	0.336857	-2.96862	0.267712	0.889777	-1.12388	0.316058	0.90046	-1.11054	0.161431	1.1633	1.1633	0.0331359	0.77729	-1.28652
cg07250515	OBFC2B;OBFC2B	0.0192366	0.0384067	0.405543	-2.46583	0.12346	1.8734	1.8734	0.553988	1.2526	1.2526	0.327557	1.46262	1.46262	0.362862	1.42169	1.42169
cg25245322	OBFC2B;OBFC2B	0.0338499	0.00250965	0.150011	-6.66619	0.692504	0.835573	-1.19678	0.0779242	2.42382	2.42382	0.890316	0.939544	-1.06435	0.0509052	0.366006	-2.73219
cg04005793	OBFC2B;SLC39A5	0.00141064	0.0878808	0.461027	-2.16907	0.00197229	0.165727	-6.03403	0.00196885	0.165639	-6.03721	0.00433732	0.208659	-4.79252	0.0085635	0.251913	-3.96962
cg13610659	OBFC2B;SLC39A5	0.00148494	0.313916	0.622296	-1.60695	0.00124534	0.116685	-8.57005	0.0140637	0.251409	-3.97759	0.98125	1.01076	1.01076	6.72E-05	0.0359755	-27.7967
cg24007886	OBFC2B;SLC39A5	0.00338158	0.387607	0.855293	-1.16919	0.00692116	0.539594	-1.85325	0.00470336	0.515268	-1.94074	0.0982406	0.726065	-1.37729	0.000106347	0.298953	-3.34501
cg14582108	OBP2A	0.000732834	0.340676	1.12534	1.12534	0.437202	0.909089	-1.1	0.56639	1.07219	1.07219	0.127262	0.8201	-1.21936	0.000289121	0.49108	-2.03633
cg13941436	OBP2A	0.00870566	0.15959	0.292056	-3.424	0.0254543	0.113633	-8.80027	0.0224038	0.10641	-9.39757	0.456524	0.537399	-1.86081	0.00539214	0.0497883	-20.085
cg14097499	OBP2A	0.0275202	0.039846	0.299804	-3.33551	0.0128522	0.208817	-4.78889	0.0482282	0.31838	-3.1409	0.0816731	0.375966	-2.65982	0.0311846	0.277487	-3.60377
cg14372265	OBP2B	0.00131894	0.125698	0.692085	-1.44491	0.0136245	0.507715	-1.96961	0.000429108	0.290031	-3.44791	0.482987	0.853549	-1.17158	0.892376	1.03052	1.03052
cg14600041	OBP2B	0.0147047	0.312126	0.519502	-1.92492	0.120615	0.348412	-2.87017	0.0427627	0.232082	-4.30882	0.567829	1.43567	1.43567	0.0516974	0.249855	-4.00232
cg03224650	OBSCN	9.30E-05	0.000838942	0.357422	-2.79782	0.0778935	1.4936	1.4936	0.000172006	0.270626	-3.69514	0.66388	1.09367	1.09367	4.51E-05	0.205787	-4.85938
cg01447854	OBSCN	0.000191517	0.00210494	0.333681	-2.99688	0.683763	1.10952	1.10952	2.15E-05	0.114194	-8.75701	0.0044403	0.381615	-2.62045	1.93E-05	0.110717	-9.03205
cg17823943	OBSCN	0.000312486	0.00173082	0.503196	-1.9873	0.132794	1.28306	1.28306	0.000855476	0.463137	-2.15919	0.0858045	1.3388	1.3388	0.00014208	0.364796	-2.74126
cg25002294	OBSCN	0.00637782	0.062126	0.531148	-1.88272	0.140895	0.620557	-1.61146	0.000477525	0.191693	-5.21668	0.208137	0.670446	-1.49154	0.00425785	0.315897	-3.16559
cg20329210	OBSCN	0.00722222	0.327721	0.54733	-1.82705	0.000934735	19.0382	19.0382	0.10734	2.85338	2.85338	0.00540402	8.88588	8.88588	0.040333	0.24342	-4.10813
cg24154024	OBSCN	0.0158857	0.028965	0.118022	-8.47298	0.0841759	0.204797	-4.88288	0.014731	0.0827998	-12.0773	0.821836	1.20585	1.20585	0.0114984	0.0725307	-13.7873
cg00566164	OBSCN	0.044065	0.0414619	0.251453	-3.97689	0.978447	1.01599	1.01599	0.0662787	0.29838	-3.35143	0.243377	0.488372	-2.04762	0.0139162	0.167999	-5.95243
cg02281446	OBSCN;OBSCN	9.86E-06	0.967946	1.00731	1.00731	0.0168459	1.69642	1.69642	0.119717	0.73641	-1.35794	0.269077	0.811715	-1.23196	1.07E-07	0.0448247	-22.3092
cg22850968	OBSCN;OBSCN	1.04E-05	0.078918	0.728594	-1.37251	0.00642055	0.562483	-1.77783	0.000207935	0.365102	-2.73896	0.0543729	0.701673	-1.42517	1.69E-07	0.0726008	-13.774
cg05364747	OBSCN;OBSCN	1.75E-05	0.00014219	0.14409	-6.9401	0.938754	1.02295	1.02295	0.000533611	0.203586	-4.91194	0.00793385	0.365975	-2.73242	3.86E-06	0.0416376	-24.0168
cg19401519	OBSCN;OBSCN	0.000134595	0.128845	0.756201	-1.3224	0.00203842	0.476932	-2.09674	0.00126809	0.448983	-2.22726	5.30E-05	0.276668	-3.61444	0.000221993	0.351001	-2.84899
cg17745433	OBSCN;OBSCN	0.000208694	0.825908	1.04699	1.04699	0.589549	1.12023	1.12023	6.18E-06	0.121516	-8.22938	0.929697	0.981774	-1.01856	0.000239735	0.281571	-3.5515
cg07600278	OBSCN;OBSCN	0.000353243	0.00103766	0.348968	-2.8656	0.0881025	1.50367	1.50367	0.430117	0.839836	-1.19071	6.16E-05	0.201554	-4.96144	0.000310315	0.281338	-3.55445
cg03054277	OBSCN;OBSCN	0.000504425	0.000984292	7.25487	7.25487	0.00795997	3.96027	3.96027	0.358077	1.46569	1.46569	0.0411591	2.59363	2.59363	0.557343	1.27135	1.27135
cg27264894	OBSCN;OBSCN	0.000536419	8.44E-05	0.435598	-2.29569	0.440896	0.911757	-1.09678	0.0152491	0.704512	-1.41942	0.139378	0.829457	-1.20561	0.487495	0.920428	-1.08645
cg10220895	OBSCN;OBSCN	0.00078721	0.416632	1.21412	1.21412	0.824303	1.05334	1.05334	0.00333111	2.54447	2.54447	0.0043034	2.44054	2.44054	0.199461	0.728452	-1.37277
cg00532451	OBSCN;OBSCN	0.0010676	0.186513	1.42587	1.42587	0.00387348	2.67957	2.67957	0.000931781	0.285955	-3.49706	0.0164249	0.475734	-2.10201	0.00291729	0.354816	-2.81836
cg04843660	OBSCN;OBSCN	0.00129961	0.0295081	0.680651	-1.46918	0.0608672	1.37318	1.37318	0.674746	1.0654	1.0654	0.433151	1.12756	1.12756	0.00914791	0.608426	-1.64359
cg14530994	OBSCN;OBSCN	0.00136936	0.111022	0.683147	-1.46381	0.910821	0.97571	-1.02489	6.87E-05	0.202412	-4.94042	0.290863	0.786184	-1.27197	0.000227921	0.260716	-3.8356
cg23658503	OBSCN;OBSCN	0.00140869	0.493463	1.31944	1.31944	0.377285	1.43492	1.43492	0.0105673	0.277495	-3.60366	0.0107469	0.278711	-3.58794	0.00119793	0.150776	-6.63236
cg21543434	OBSCN;OBSCN	0.00189173	0.00155297	0.550733	-1.81576	0.868474	0.978506	-1.02197	0.404709	1.11826	1.11826	0.358789	0.883635	-1.13169	0.725757	0.954878	-1.04725
cg12579230	OBSCN;OBSCN	0.00189317	0.0389597	1.5238	1.5238	0.000792196	0.40923	-2.44361	0.142764	1.31998	1.31998	0.379815	0.853189	-1.17207	0.0245436	0.623731	-1.60326
cg06772753	OBSCN;OBSCN	0.00232737	0.0379574	0.632439	-1.58118	0.950188	0.988175	-1.01197	0.000894142	0.387871	-2.57818	0.57954	1.11245	1.11245	0.000119201	0.27764	-3.60179
cg03419458	OBSCN;OBSCN	0.00239088	0.0549797	0.504547	-1.98198	0.107299	1.73776	1.73776	0.00327362	0.283635	-3.52566	0.403362	1.30842	1.30842	0.000164391	0.132688	-7.53648
cg18857768	OBSCN;OBSCN	0.00259872	0.0080839	0.421261	-2.37383	0.287536	1.32504	1.32504	0.0905103	0.621659	-1.6086	0.428489	1.22878	1.22878	7.00E-05	0.157215	-6.36071
cg26066912	OBSCN;OBSCN	0.00277535	0.00495394	0.164393	-6.08297	0.0286356	0.285707	-3.50009	0.00361219	0.147873	-6.76255	0.358036	0.632154	-1.58189	0.000269896	0.0550887	-18.1525
cg01057552	OBSCN;OBSCN	0.00294693	0.00265237	0.249319	-4.01093	0.153801	0.600414	-1.66552	0.00570164	0.297849	-3.35741	0.0436505	0.460767	-2.17029	0.000820506	0.185558	-5.38914
cg08621574	OBSCN;OBSCN	0.00354444	0.303778	0.698928	-1.43076	0.25227	0.668846	-1.49511	0.000731176	0.177888	-5.62151	0.586795	0.831471	-1.20269	0.00510356	0.288063	-3.47146
cg02268584	OBSCN;OBSCN	0.00369266	0.0078293	0.330623	-3.02459	0.0312138	2.26998	2.26998	0.0443473	0.472876	-2.11472	0.00980966	0.346922	-2.88249	0.794847	0.918973	-1.08817
cg06806210	OBSCN;OBSCN	0.00430133	0.00137499	0.500845	-1.99662	0.0164818	1.54728	1.54728	0.662939	0.936755	-1.06751	0.503145	0.90373	-1.10653	0.00208648	0.524532	-1.90646
cg00251125	OBSCN;OBSCN	0.00438089	0.0052595	0.536073	-1.86542	0.0888381	0.727624	-1.37434	0.0541423	0.690535	-1.44815	0.055659	0.692546	-1.44395	0.00113792	0.444478	-2.24983
cg05706189	OBSCN;OBSCN	0.00547684	0.226496	0.687058	-1.45548	0.104985	1.68814	1.68814	0.00016032	0.14869	-6.72539	0.456288	0.799113	-1.25139	0.0385563	0.492469	-2.03058
cg25744905	OBSCN;OBSCN	0.006233	0.186285	0.686419	-1.45684	0.9537	1.01571	1.01571	0.000205282	0.188189	-5.3138	0.118758	0.634623	-1.57574	0.0129761	0.436939	-2.28865
cg05844789	OBSCN;OBSCN	0.0078309	0.522418	0.863416	-1.15819	0.162839	1.40142	1.40142	0.175554	1.38584	1.38584	0.00170868	2.75812	2.75812	0.0695224	0.631348	-1.58391
cg05048523	OBSCN;OBSCN	0.00875198	0.0417228	0.344472	-2.903	0.0808641	0.415262	-2.40812	0.0100188	0.228566	-4.3751	0.01826	0.27234	-3.67188	0.000722391	0.0967912	-10.3315
cg27171837	OBSCN;OBSCN	0.00885033	0.0272902	0.391351	-2.55525	0.461242	1.3092	1.3092	0.00569359	0.271854	-3.67845	0.961034	0.982605	-1.0177	0.00357102	0.242261	-4.12779
cg18477163	OBSCN;OBSCN	0.0110306	0.157198	1.74669	1.74669	0.0213959	2.77127	2.77127	0.314829	1.46697	1.46697	0.700708	1.15302	1.15302	0.132071	0.549228	-1.82074
cg00063346	OBSCN;OBSCN	0.0111174	0.00242613	0.104432	-9.57557	0.00513151	0.138303	-7.2305	0.0140168	0.197232	-5.07017	0.364385	0.607275	-1.6467	0.0456343	0.293349	-3.40891
cg03339987	OBSCN;OBSCN	0.011169	0.667166	1.17343	1.17343	0.639718	0.840063	-1.19039	0.0236761	0.368441	-2.71414	0.729247	1.13706	1.13706	0.561774	0.805041	-1.24217
cg22862529	OBSCN;OBSCN	0.016288	0.651197	1.10628	1.10628	0.368816	1.22734	1.22734	0.00199613	0.379668	-2.63388	0.10018	1.49145	1.49145	0.00366037	0.418039	-2.39212
cg01557798	OBSCN;OBSCN	0.0195552	0.0929915	3.65194	3.65194	0.677409	1.34071	1.34071	0.15839	2.87708	2.87708	0.0872758	3.75537	3.75537	0.724233	0.780155	-1.2818
cg26362105	OBSCN;OBSCN	0.0229978	0.00331968	0.252175	-3.96549	0.863142	1.06125	1.06125	0.01555	0.359757	-2.77966	0.703207	1.14098	1.14098	0.0151867	0.35789	-2.79416
cg16603046	OBSCN;OBSCN	0.0244368	0.0630624	0.446943	-2.23742	0.161739	0.562419	-1.77803	0.0218881	0.346673	-2.88456	0.685971	1.16948	1.16948	0.00114188	0.158435	-6.31172
cg22370694	OBSCN;OBSCN	0.0247907	0.123537	1.51583	1.51583	0.08609	1.60466	1.60466	0.536955	1.1687	1.1687	0.489256	0.839322	-1.19144	0.198937	0.712856	-1.40281
cg13107669	OBSCN;OBSCN	0.026314	0.0784607	0.428124	-2.33577	0.0224583	0.305228	-3.27624	0.0223979	0.305003	-3.27865	0.241288	0.587214	-1.70296	0.00739035	0.223586	-4.47255
cg11852843	OBSCN;OBSCN	0.0269211	0.0223202	0.478586	-2.08949	0.00878991	0.407377	-2.45473	0.0321585	0.508967	-1.96476	0.299447	0.748699	-1.33565	0.00276634	0.329266	-3.03706
cg23630430	OBSCN;OBSCN	0.0293283	0.273693	0.665968	-1.50157	0.358481	0.71392	-1.40072	0.0107065	0.318302	-3.14167	0.935287	0.971435	-1.02941	0.0018484	0.206485	-4.84296
cg03981727	OBSCN;OBSCN	0.0294442	0.034214	4.13854	4.13854	0.113464	2.69146	2.69146	0.121305	0.380745	-2.62643	0.404703	0.612566	-1.63248	0.0038692	0.106792	-9.36397
cg25222493	OBSCN;OBSCN	0.0310249	0.774559	0.962136	-1.03935	0.752396	1.04346	1.04346	0.0035998	0.588717	-1.69861	0.617494	1.07002	1.07002	0.637529	0.938201	-1.06587
cg16772039	OBSCN;OBSCN	0.0338007	0.973989	0.980418	-1.01997	0.134222	0.37547	-2.66333	0.318882	0.535352	-1.86793	0.378952	1.72891	1.72891	0.11315	0.351425	-2.84556
cg05369582	OBSCN;OBSCN	0.0349471	0.71433	0.916629	-1.09095	0.00182781	2.85378	2.85378	0.332275	1.26724	1.26724	0.304684	0.777479	-1.28621	0.672634	1.10587	1.10587
cg17602777	OBSCN;OBSCN	0.035032	0.00110018	0.347475	-2.87791	0.727194	1.07997	1.07997	0.21397	0.750192	-1.33299	0.678206	1.09599	1.09599	0.0835147	0.656527	-1.52317
cg06190406	OBSCN;OBSCN	0.0365196	0.0898459	0.755219	-1.32412	0.706603	0.944801	-1.05842	0.149646	0.792985	-1.26106	0.970698	0.9945	-1.00553	0.00583674	0.581593	-1.71941
cg01765600	OBSCN;OBSCN	0.0373624	0.310238	0.84867	-1.17831	0.427893	0.881183	-1.13484	0.105815	0.758755	-1.31795	0.636613	1.0772	1.0772	0.0115063	0.610203	-1.6388
cg20630560	OBSCN;OBSCN	0.0375027	0.364962	1.21743	1.21743	0.288728	1.26209	1.26209	0.306033	1.25105	1.25105	0.990323	0.99744	-1.00257	0.793076	1.05713	1.05713
cg09636459	OBSCN;OBSCN	0.0409076	0.00889273	0.497943	-2.00826	0.723998	0.928431	-1.07709	0.637342	0.905329	-1.10457	0.81745	0.952726	-1.04962	0.177208	0.740524	-1.35039
cg00901843	OBSCN;OBSCN	0.0437663	0.0142933	0.405042	-2.46888	0.276841	0.712947	-1.40263	0.010773	0.383518	-2.60744	0.168572	0.644758	-1.55097	0.00411197	0.316182	-3.16274
cg09411356	OBSCN;OBSCN	0.0452066	0.722642	0.865482	-1.15543	0.572462	1.26012	1.26012	0.150655	0.535555	-1.86722	0.0230176	0.332161	-3.01058	0.039379	0.380538	-2.62786
cg00270521	OBSCN;OBSCN	0.0458024	0.00513212	0.1906	-5.24659	0.441346	1.42195	1.42195	0.11775	0.466877	-2.14189	0.034511	0.33106	-3.0206	0.0445583	0.355499	-2.81294
cg19306380	OBSCN;OBSCN	0.0481221	0.120215	0.363105	-2.75402	0.370903	1.7371	1.7371	0.858941	0.898599	-1.11284	0.312029	0.533353	-1.87493	0.374979	0.578522	-1.72854
cg01195848	OBSCN;OBSCN	0.0484762	0.0457294	0.643333	-1.5544	0.131949	0.73116	-1.36769	0.131724	0.731006	-1.36798	0.944564	0.986698	-1.01348	0.398566	0.846672	-1.18109

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13483603	0.0494125	0.452404	-2.21042	0.00136556	0.193274	-5.17399	0.024027	0.385915	-2.59125	0.00528032	0.272318	-3.67218	10.4713	20.7496	1.7614	1
cg12247536	0.0443625	0.557311	-1.79433	0.00663902	0.409889	-2.43969	0.000348004	0.233134	-4.28937	0.00270074	0.350182	-2.85565	14.8844	15.1083	0.902258	1
cg12560128	0.317728	0.761647	-1.31294	0.00400027	0.360678	-2.77256	0.850176	0.951369	-1.05112	0.0364068	0.526658	-1.89876	7.05087	7.7614	0.978464	1
cg11318133	0.0265638	0.354462	-2.82118	0.0113063	0.286063	-3.49574	0.110428	0.503429	-1.98638	0.0176102	0.320015	-3.12485	6.87675	16.9525	2.19127	1
cg00085448	0.0333698	0.388443	-2.57438	0.00929067	0.285033	-3.50837	0.0370437	0.398167	-2.51151	0.0314959	0.383157	-2.6099	5.45022	12.485	2.03622	1
cg06255132	0.480253	0.813817	-1.22878	0.00537473	0.34911	-2.86443	0.336172	0.752224	-1.32939	0.107944	0.604357	-1.65465	5.32259	6.94878	1.16047	1
cg20870559	0.0217512	0.550263	-1.81731	0.557924	0.879403	-1.13713	0.0369537	0.59128	-1.69125	0.0262498	0.564538	-1.77136	4.46312	3.3247	0.662157	1
cg00175901	0.000885527	0.215828	-4.63333	0.000698433	0.203617	-4.91119	0.0683618	0.533611	-1.87402	0.00102042	0.223332	-4.47763	13.4488	20.1787	1.3337	1
cg25800166	0.00167242	0.35646	-2.80536	0.000967993	0.323917	-3.08721	0.848026	1.04502	1.04502	0.146248	0.699103	-1.43041	7.24993	6.04829	0.741561	1
cg25319449	0.0590126	0.550524	-1.81645	0.740611	1.09747	1.09747	0.59748	1.16088	1.16088	0.846324	0.947129	-1.05582	3.908	4.85071	1.10331	1
cg24997562	8.11E-05	0.203659	-4.91017	1.35E-05	0.130185	-7.68136	0.000156341	0.234902	-4.2571	7.86E-06	0.111717	-8.95123	31.8774	25.294	0.705313	1
cg06800840	0.0210876	0.421939	-2.37001	6.43E-05	0.101768	-9.82623	0.000475404	0.18145	-5.51115	0.000347521	0.167022	-5.98724	15.9278	24.4105	1.36229	1
cg03636394	0.0265172	0.380028	-2.63139	0.000255523	0.109081	-9.16754	0.00151636	0.186302	-5.36763	0.0113629	0.311665	-3.20857	12.3564	26.4852	1.90528	1
cg20092046	0.00909145	0.383075	-2.61045	0.000359217	0.190673	-5.24457	0.000398607	0.195654	-5.11106	0.00350923	0.317837	-3.14627	12.3046	16.3316	1.1798	1
cg26328872	0.00421178	0.222551	-4.49335	0.00342785	0.21038	-4.7533	0.0432779	0.401939	-2.48794	0.125265	0.521753	-1.91661	4.77129	11.6161	2.16408	1
cg16933922	0.0224417	1.40037	1.40037	0.192856	0.843922	-1.18494	0.671239	0.948787	-1.05398	0.01724	1.42942	1.42942	22.5935	5.42543	0.213451	1
cg27479418	0.475691	1.07261	1.07261	3.04E-06	0.341835	-2.92539	0.971882	1.00341	1.00341	0.741756	0.968546	-1.03248	17.206	2.54527	0.131493	1
cg19577312	0.0015102	0.213334	-4.68747	3.56E-05	0.0674854	-14.818	0.00269609	0.246268	-4.06062	0.00635771	0.30103	-3.32193	15.6368	28.2915	1.60826	1
cg18982923	0.00357717	0.335838	-2.97762	8.55E-05	0.142126	-7.03599	0.0204065	0.461739	-2.16573	0.00558307	0.365532	-2.73574	15.1463	18.3413	1.0764	1
cg24289314	0.00914031	0.386953	-2.58429	0.0347251	0.493675	-2.02562	0.00862575	0.382748	-2.61268	0.615712	1.15618	1.15618	10.3095	13.4262	1.15762	1
cg02065151	0.00700974	0.598133	-1.67187	?	?	?	0.0727161	0.744442	-1.34329	0.452893	0.893406	-1.11931	6.2331	1.90661	0.305885	1
cg18669789	0.311457	1.29911	1.29911	0.00133267	3.20858	3.20858	0.00161108	3.09603	3.09603	0.0305508	1.8872	1.8872	5.77134	5.70808	0.879147	1
cg10140171	0.543747	0.95886	-1.04291	0.0313428	1.18844	1.18844	0.0521312	0.859833	-1.16302	0.00206028	0.743251	-1.34544	5.36325	0.396939	0.0657874	1
cg03092918	0.0139011	0.686298	-1.45709	0.027224	0.723439	-1.38229	0.41469	1.1088	1.1088	0.370557	1.12064	1.12064	4.68554	1.13868	0.216019	1
cg13948230	0.00786706	0.493727	-2.02541	0.0235771	0.571441	-1.74996	0.00575876	0.472853	-2.11482	0.173784	0.741181	-1.3492	4.11533	2.79214	0.603086	1
cg13609939	0.44085	1.31101	1.31101	0.391234	0.738855	-1.35345	0.0247328	2.51213	2.51213	0.711968	0.880058	-1.13629	3.8856	7.30462	1.67104	1
cg03853151	0.101865	1.29967	1.29967	0.000473747	0.447734	-2.23347	0.747521	0.953822	-1.04841	0.658806	0.937024	-1.06721	5.67583	1.92606	0.301639	1
cg01859460	0.100936	0.763124	-1.3104	0.00909886	0.607322	-1.64657	1.86E-05	3.71427	3.71427	0.146499	1.26432	1.26432	18.4885	6.63074	0.318792	1
cg13437554	0.721813	1.07837	1.07837	0.00453591	0.450206	-2.22121	0.00019414	3.75654	3.75654	0.0351761	1.67837	1.67837	11.6535	8.22087	0.62706	1
cg03563807	?	?	?	0.238108	1.66127	1.66127	0.680376	0.84354	-1.18548	0.621592	1.22675	1.22675	7.33507	17.4227	2.37526	1
cg25654695	0.783581	1.16705	1.16705	0.0159498	0.190942	-5.2372	0.000952191	15.8489	15.8489	0.135976	2.46325	2.46325	6.89974	34.403	4.43212	1
cg13520531	0.415654	0.849423	-1.17727	0.150231	1.35326	1.35326	0.464936	0.864259	-1.15706	0.0373104	0.622449	-1.60656	6.64372	4.04864	0.541683	1
cg00008839	0.50395	0.690285	-1.44868	0.00317812	0.11057	-9.04403	0.225897	2.00378	2.00378	0.204897	2.07731	2.07731	5.82021	24.4754	4.20523	1
cg21491915	0.0155956	3.67292	3.67292	0.401718	0.686227	-1.45724	0.0558879	0.386639	-2.58639	0.803182	1.11579	1.11579	4.68644	14.2868	2.70982	1
cg18838581	0.0477198	0.523332	-1.91083	0.0188992	0.443448	-2.25506	0.539082	0.837063	-1.19465	0.806312	0.932152	-1.07279	4.16038	5.38999	1.1516	1
cg13938187	0.0441532	0.718476	-1.39184	0.000127818	0.385708	-2.59264	0.0262123	1.45802	1.45802	0.147793	1.24862	1.24862	9.57252	3.09961	0.287824	1
cg19797659	0.0200925	1.60396	1.60396	0.339927	1.18022	1.18022	0.0467473	1.46754	1.46754	0.0931886	1.36498	1.36498	5.83891	2.6248	0.399588	1
cg17918937	0.249478	1.58537	1.58537	0.0480366	2.3756	2.3756	0.000591994	7.62275	7.62275	0.177977	1.72982	1.72982	5.04733	11.7178	2.06362	1
cg01337439	0.513851	0.945933	-1.05716	0.233779	1.11049	1.11049	0.279302	1.09904	1.09904	0.00690121	1.34124	1.34124	4.11518	0.459387	0.0992288	1
cg17077762	0.161452	0.569531	-1.75583	0.00328148	0.221279	-4.51919	0.103743	0.511822	-1.95381	0.152603	0.561711	-1.78028	3.6486	8.18967	1.99521	1
cg26767544	0.726749	0.929305	-1.07607	0.099953	0.686107	-1.4575	0.00566408	2.13525	2.13525	0.121679	1.41998	1.41998	3.57119	2.4702	0.614846	1
cg23864823	0.038251	0.588021	-1.70062	0.23963	1.31294	1.31294	0.210026	1.33923	1.33923	0.0305134	1.75438	1.75438	5.79151	4.48456	0.688296	1
cg24153003	0.0474136	0.334618	-2.98848	0.00401143	0.154713	-6.46357	0.0237795	0.271866	-3.67828	0.249976	0.559727	-1.78659	4.37511	16.1444	3.28006	1
cg05124440	0.970795	1.00619	1.00619	0.00981207	0.577016	-1.73306	0.608053	0.916556	-1.09104	0.838808	0.966274	-1.0349	3.9225	1.7626	0.399427	1
cg21441945	0.00104006	0.460893	-2.1697	0.000879912	0.451369	-2.21548	0.000613336	0.43099	-2.32024	0.00131128	0.474175	-2.10892	12.9409	5.21565	0.358253	1
cg08506053	0.256589	1.254	1.254	0.00112534	0.399928	-2.50045	0.217281	1.28161	1.28161	0.000966608	0.391004	-2.55752	11.1185	6.43367	0.514353	1
cg10629350	0.280449	1.18078	1.18078	7.77E-05	0.346634	-2.88489	0.229286	0.829565	-1.20545	0.00490342	0.575703	-1.73701	10.661	3.70414	0.308843	1
cg05617886	0.0616718	0.45762	-2.18522	0.11989	1.87139	1.87139	0.229735	0.626218	-1.59689	0.36389	0.707118	-1.41419	6.4604	14.1144	1.94201	1
cg12095968	0.218115	0.853625	-1.17147	0.0208179	0.711864	-1.40476	0.730175	1.0432	1.0432	0.000970907	0.548954	-1.82164	6.44656	1.52375	0.210104	1
cg09251328	0.00761994	0.437071	-2.28796	0.903532	1.02968	1.02968	0.429742	0.823299	-1.21463	0.0100027	0.456368	-2.19121	6.16779	5.68411	0.819183	1
cg22010000	0.32021	1.21743	1.21743	0.683406	1.08171	1.08171	0.248348	1.26005	1.26005	0.00134964	0.409925	-2.43947	4.89234	2.84294	0.516534	1
cg09202979	0.000417518	0.105933	-9.43991	0.175411	1.78257	1.78257	0.0108813	3.60593	3.60593	0.100217	0.485543	-2.05955	11.5774	26.23	2.26562	1
cg18251019	0.355636	0.546672	-1.82925	0.876248	0.906075	-1.10366	0.93117	0.946796	-1.05619	0.72192	1.25394	1.25394	5.13892	31.9087	4.8294	1
cg27317447	0.00206677	0.177287	-5.64056	0.0618573	0.432334	-2.31303	0.420247	1.3887	1.3887	0.120959	1.95538	1.95538	3.84193	9.67588	2.23866	1
cg11005552	0.0430273	3.09914	3.09914	0.0373916	0.309279	-3.23333	0.0355237	3.2838	3.2838	0.50885	1.38483	1.38483	3.79091	14.1701	3.32259	1
cg19507224	0.53982	1.34549	1.34549	0.259889	1.754	1.754	0.201047	1.90715	1.90715	0.366181	0.641547	-1.55873	3.79795	12.222	3.21805	1
cg24587175	0.0806357	0.350738	-2.85113	0.0179586	0.211205	-4.73474	0.237731	1.95189	1.95189	0.294844	0.555727	-1.79944	3.6902	17.0894	4.11646	1
cg24017516	0.615323	1.20086	1.20086	3.45E-07	0.00485903	-205.802	0.493324	1.28574	1.28574	0.42632	1.34106	1.34106	28.2344	58.3637	1.83743	1
cg15454486	0.113068	0.364902	-2.74046	4.43E-05	0.0108464	-92.1968	0.131422	0.385974	-2.59085	0.0145749	0.172265	-5.80501	10.3825	49.9464	4.81063	1
cg02461883	0.0307364	1.42038	1.42038	0.274488	0.854502	-1.17027	0.973352	0.995391	-1.00463	0.38705	0.884609	-1.13044	7.2942	2.20917	0.269215	1
cg22795891	0.0177532	0.131264	-7.61824	0.00133348	0.0374153	-26.727	0.369334	0.52236	-1.91439	0.0768268	0.250066	-3.99895	6.56704	51.5999	6.98436	1
cg26178446	0.114331	0.840162	-1.19025	0.00431613	1.47242	1.47242	0.0239419	1.31414	1.31414	0.441831	0.923555	-1.08277	3.62452	0.590258	0.144757	1
cg23466916	0.286902	0.850522	-1.17575	0.000718568	0.470621	-2.12485	0.864426	0.97529	-1.02534	0.759095	0.955963	-1.04607	5.35001	1.81633	0.301778	1
cg11884792	0.0342374	0.748099	-1.33672	0.638724	0.945963	-1.05712	0.920401	1.01181	1.01181	0.0309422	1.34666	1.34666	3.61464	0.790086	0.194293	1
cg13683516	0.145049	1.21969	1.21969	2.52E-05	0.345871	-2.89125	0.00853564	1.53094	1.53094	0.0768414	1.28364	1.28364	14.0967	3.59527	0.226705	1
cg12869229	0.572038	0.896951	-1.11489	0.748058	0.940465	-1.0633	1.52E-05	5.50833	5.50833	0.553575	0.892133	-1.12091	12.7874	7.34695	0.510708	1
cg02153528	0.0458501	0.604508	-1.65424	0.0724581	1.55391	1.55391	0.000294886	3.65683	3.65683	0.196505	0.740586	-1.35028	12.2793	9.40489	0.680812	1
cg08409225	0.015778	0.440768	-2.26877	0.00241521	0.310303	-3.22265	0.00197552	0.297984	-3.35588	0.651573	0.881698	-1.13417	7.04267	8.55618	1.07992	1
cg10654546	0.478723	0.570119	-1.75402	0.00600645	0.0607299	-16.4664	0.0158678	0.0997463	-10.0254	0.113196	0.260522	-3.83845	3.86578	37.2747	8.57086	1
cg07262201	0.681203	0.918856	-1.08831	0.385787	0.833478	-1.19979	0.292229	1.25091	1.25091	0.522584	1.14197	1.14197	3.58565	2.38339	0.590847	1
cg14816013	0.100868	1.19932	1.19932	0.0435783	0.7908	-1.26454	0.389214	1.09336	1.09336	0.640481	0.953537	-1.04873	16.4542	2.66625	0.144036	1
cg07250515	0.00378697	0.230014	-4.34755	0.0117062	0.305744	-3.2707	0.102852	0.510992	-1.95698	0.791324	0.905048	-1.10491	4.76706	10.6865	1.99266	1
cg25245322	0.748857	1.15623	1.15623	0.0744096	0.407232	-2.4556	0.0932204	0.434065	-2.3038	0.644599	0.810644	-1.23359	3.91408	12.6621	2.87557	1
cg04005793	0.00305729	0.188715	-5.29899	0.00012984	0.0650471	-15.3735	0.470221	0.739353	-1.35253	0.00796396	0.246998	-4.04862	10.6663	28.5451	2.37884	1
cg13610659	0.00495808	0.183706	-5.44347	0.0303784	0.313772	-3.18703	0.891271	1.06427	1.06427	0.0141805	0.252017	-3.96799	10.5101	34.5277	2.92019	1
cg24007886	0.0140424	0.585509	-1.70792	0.936347	1.0142	1.0142	0.104925	0.731413	-1.36722	0.611066	0.913448	-1.09475	8.25836	4.07518	0.438632	1
cg14582108	0.872698	1.01947	1.01947	2.85E-05	0.371888	-2.68898	0.398731	1.10949	1.10949	0.755504	1.03828	1.03828	12.8448	2.94215	0.203604	1
cg13941436	0.00609584	0.0532878	-18.766	0.000607839	0.0132083	-75.7098	0.129719	0.261703	-3.82112	0.0526646	0.16464	-6.07387	6.17713	65.6133	9.44175	1
cg14097499	0.0494031	0.320802	-3.11719	0.00333625	0.131943	-7.57902	0.0394418	0.298842	-3.34625	0.0842853	0.379743	-2.63336	4.21333	17.152	3.61857	1
cg14372265	0.567696	0.879601	-1.13688	9.92E-05	0.215582	-4.6386	0.00122747	0.349903	-2.85793	0.185711	0.732228	-1.36569	10.8739	8.49568	0.694478	1
cg14600041	0.878498	0.908634	-1.10055	0.000285164	0.0244467	-40.9053	0.407293	0.58807	-1.70048	0.254025	0.474256	-2.10857	5.21484	32.3983	5.5224	1
cg03224650	0.000161826	0.267495	-3.73839	4.60E-05	0.206678	-4.83845	0.129407	0.71497	-1.39866	0.36532	0.826569	-1.20982	22.5764	14.9935	0.590331	1
cg01447854	0.0649856	0.591041	-1.69193	0.95079	1.01579	1.01579	0.0641837	0.589883	-1.69525	0.0271108	0.514836	-1.94237	18.5882	18.9602	0.906675	1
cg17823943	0.110982	0.765792	-1.30584	0.000113868	0.353093	-2.83211	0.0180956	0.643289	-1.55451	0.293072	1.18248	1.18248	16.2675	6.08455	0.332473	1
cg25002294	0.377559	0.761264	-1.3136	0.00130429	0.244038	-4.09772	0.41303	0.777146	-1.28676	0.524719	0.823495	-1.21434	6.80932	9.78836	1.27777	1
cg20329210	0.057844	3.59438	3.59438	0.36014	0.570491	-1.75288	0.362571	1.74764	1.74764	0.678539	0.779863	-1.28228	6.5509	36.9245	5.01027	1
cg24154024	0.0285737	0.117193	-8.53297	0.00259429	0.0313077	-31.9411	0.0600501	0.171949	-5.81569	0.019755	0.0966728	-10.3442	5.08309	55.4527	9.69712	1
cg00566164	0.248682	0.492654	-2.02982	0.00264638	0.0869852	-11.4962	0.345408	0.565223	-1.76921	0.288606	0.52373	-1.90938	3.55331	19.3985	4.85269	1
cg02281446	0.00106311	0.416052	-2.40355	0.00101443	0.413315	-2.41946	0.562719	0.89937	-1.11189	0.18959	0.777377	-1.28638	40.7227	21.185	0.462423	1
cg22850968	2.86E-05	0.263318	-3.79768	0.000838167	0.442408	-2.26036	0.0804899	0.730054	-1.36976	0.000359541	0.394975	-2.5318	40.2091	16.7735	0.370806	1
cg05364747	0.00148117	0.258227	-3.87256	1.69E-06	0.0289523	-34.5396	0.36008	0.757427	-1.32026	0.000186615	0.155306	-6.43889	35.0902	48.452	1.22736	1
cg19401519	0.325291	1.18879	1.18879	0.0238281	1.58282	1.58282	0.000577507	0.403839	-2.47623	0.000221014	0.350763	-2.85093	20.4448	9.38709	0.408128	1
cg17745433	0.216441	0.76251	-1.31146	0.00540168	0.466093	-2.1455	0.397342	1.19801	1.19801	0.00641489	0.477504	-2.09422	18.1603	12.4982	0.611748	1
cg07600278	0.00143239	0.368145	-2.71632	0.00323534	0.418731	-2.38817	0.799956	0.946454	-1.05658	0.00416849	0.435103	-2.2983	15.7293	11.702	0.661297	1
cg03054277	0.0154848	3.3249	3.3249	1.70E-05	35.5507	35.5507	0.00174985	6.07755	6.07755	0.00186396	5.96376	5.96376	14.2556	36.9493	2.30392	1
cg27264894	0.887369	0.98348	-1.0168	0.000138246	2.16925	2.16925	0.183469	0.84714	-1.18044	0.0594545	0.778741	-1.28412	14.0142	3.06674	0.194516	1
cg10220895	0.0874938	1.55407	1.55407	0.0318682	0.555542	-1.80004	0.000106839	4.94163	4.94163	0.000796482	3.267	3.267	12.589	10.8906	0.768967	1
cg00532451	0.554339	0.859396	-1.16361	0.00135761	0.307779	-3.24909	0.594569	1.14579	1.14579	0.00971223	0.436586	-2.2905	11.55	11.7413	0.903612	1
cg04843660	0.00324685	0.54745	-1.82665	7.11E-05	0.337184	-2.96574	0.638367	0.931414	-1.07364	0.299508	1.17514	1.17514	10.92	3.89619	0.31715	1
cg14530994	0.724819	1.08066	1.08066	0.674635	1.09709	1.09709	0.74328	1.07479	1.07479	0.801196	0.946131	-1.05694	10.7576	8.20685	0.678121	1
cg23658503	0.375471	1.437	1.437	7.82E-05	0.0579451	-17.2577	0.774526	0.891829	-1.12129	0.349934	0.681467	-1.46742	10.6705	26.8498	2.23667	1
cg21543434	0.640593	1.06359	1.06359	5.52E-05	0.373827	-2.67503	0.700554	1.05197	1.05197	0.230603	1.17925	1.17925	9.79933	2.66764	0.24198	1
cg12579230	0.247685	1.23738	1.23738	0.000453437	0.377589	-2.64838	0.47857	1.13537	1.13537	0.133833	1.3297	1.3297	9.79717	4.81929	0.43725	1
cg06772753	0.334521	0.827361	-1.20866	0.238122	1.26527	1.26527	0.0988363	0.70851	-1.41141	0.0465196	0.647841	-1.54359	9.22394	5.29654	0.510415	1
cg03419458	0.0539922	0.502764	-1.989	0.0300152	0.448246	-2.23092	0.152943	1.61798	1.61798	0.866265	0.948393	-1.05442	9.15134	14.3236	1.39128	1
cg18857768	0.867546	0.95835	-1.04346	0.0686377	0.594845	-1.68111	0.195428	1.41764	1.41764	0.636842	0.88585	-1.12886	8.92958	9.18677	0.914491	1
cg26066912	0.011289	0.214436	-4.66339	0.00608756	0.175928	-5.68415	0.0867147	0.399295	-2.50441	0.0025422	0.131044	-7.631	8.75785	32.6572	3.31458	1
cg01057552	0.116246	0.565378	-1.76873	0.000650829	0.174379	-5.73462	0.885704	1.04922	1.04922	0.00747602	0.316482	-3.15974	8.60361	15.2081	1.57124	1
cg08621574	0.718369	1.12953	1.12953	0.000255331	0.131892	-7.58194	0.98413	1.00671	1.00671	0.58763	0.831821	-1.20218	8.14299	14.5871	1.59233	1
cg02268584	0.00165922	0.232388	-4.30315	0.00250198	0.256191	-3.90333	0.609123	0.846003	-1.18203	0.015578	0.382202	-2.61642	8.04359	13.3956	1.48033	1
cg06806210	0.0932379	0.759519	-1.31662	0.0244856	1.49068	1.49068	0.648909	0.933996	-1.07067	0.20717	0.820235	-1.21916	7.68212	2.70011	0.312427	1
cg00251125	0.500684	1.12277	1.12277	0.00964813	1.74185	1.74185	0.0228335	0.630359	-1.5864	0.123633	0.753871	-1.32649	7.6396	3.47286	0.404077	1
cg05706189	0.828333	0.937832	-1.06629	0.0715566	1.81253	1.81253	0.684668	1.12826	1.12826	0.963428	1.01364	1.01364	7.1368	9.87432	1.22985	1
cg25744905	0.115316	0.63144	-1.58368	0.0954247	1.63546	1.63546	0.993079	1.00233	1.00233	0.0688951	0.578867	-1.72751	6.85793	7.83239	1.01519	1
cg05844789	0.140313	1.43245	1.43245	0.0264997	1.81461	1.81461	0.0125475	2.02055	2.02055	0.00425256	2.379	2.379	6.38691	5.19111	0.722465	1
cg05048523	0.0714923	0.401008	-2.49372	0.00489727	0.183989	-5.43511	0.370412	0.658636	-1.51829	0.015335	0.258942	-3.86187	6.16676	20.131	2.90172	1
cg27171837	0.507946	0.785654	-1.27282	0.00180029	0.202976	-4.9267	0.349803	1.41295	1.41295	0.155858	0.579639	-1.72521	6.14497	12.5552	1.81616	1
cg18477163	0.117061	1.87325	1.87325	0.000595743	7.05662	7.05662	0.0138976	3.06625	3.06625	0.739476	0.884228	-1.13093	5.72739	12.3294	1.91352	1
cg00063346	0.0235373	0.235189	-4.25191	0.00587616	0.145274	-6.88353	0.72521	1.20786	1.20786	0.367955	0.609649	-1.64029	5.71293	25.9097	4.03135	1
cg03339987	0.814831	1.0906	1.0906	0.000230265	0.104261	-9.59135	0.277426	1.51824	1.51824	0.746103	0.886836	-1.1276	5.7044	12.3457	1.92378	1
cg22862529	0.257816	0.769463	-1.29961	0.833214	1.04791	1.04791	0.901201	1.02795	1.02795	0.42507	0.834618	-1.19815	5.04097	3.93232	0.693399	1
cg01557798	0.235451	2.39037	2.39037	0.00121612	27.6207	27.6207	0.0070468	11.4862	11.4862	0.022815	6.7487	6.7487	4.74061	36.8791	6.91502	1
cg26362105	0.951496	1.02118	1.02118	0.0208963	0.383769	-2.60573	0.567764	1.22015	1.22015	0.407002	0.746583	-1.33944	4.48501	8.43223	1.67119	1
cg16603046	0.0365501	0.392253	-2.54937	0.0827823	0.477142	-2.09581	0.457794	0.74735	-1.33806	0.0962284	0.494832	-2.02089	4.39186	10.319	2.08851	1
cg22370694	0.00879192	2.29788	2.29788	0.0109315	2.21771	2.21771	0.0100526	2.24811	2.24811	0.160927	1.45267	1.45267	4.36999	4.30337	0.875339	1
cg13107669	0.0425264	0.362882	-2.75572	0.00338931	0.177455	-5.63523	0.205279	0.559895	-1.78605	0.127547	0.489125	-2.04447	4.28008	12.7688	2.65184	1
cg11852843	0.71207	1.10492	1.10492	0.945272	1.01865	1.01865	0.347124	0.770628	-1.29764	0.23046	0.712778	-1.40296	4.24602	4.87088	1.0197	1
cg23630430	0.0560972	0.462019	-2.16441	0.117109	0.544711	-1.83584	0.339193	1.4213	1.4213	0.2396	0.644374	-1.55189	4.11979	8.31025	1.79303	1
cg03981727	0.270537	0.517127	-1.93376	0.85072	1.11439	1.11439	0.655858	1.29413	1.29413	0.105942	0.362369	-2.75962	4.11403	21.5308	4.652	1
cg25222493	0.50864	1.09431	1.09431	0.0047444	1.65553	1.65553	0.978612	1.00361	1.00361	0.878007	0.979565	-1.02086	4.03827	1.15554	0.254352	1
cg16772039	0.981303	1.01432	1.01432	0.00075477	0.0451166	-22.1648	0.856062	1.11643	1.11643	0.282914	0.50827	-1.96746	3.91613	22.8181	5.17929	1
cg05369582	0.0664245	1.62814	1.62814	0.0460646	1.71823	1.71823	0.279078	0.766075	-1.30536	0.45683	1.19654	1.19654	3.86925	3.43594	0.789344	1
cg17602777	0.807025	1.05523	1.05523	0.246466	1.30504	1.30504	0.759881	0.934877	-1.06966	0.168166	0.72425	-1.38074	3.86585	2.9544	0.679315	1
cg06190406	0.149658	1.26105	1.26105	0.0629513	1.36904	1.36904	0.0446299	0.707376	-1.41368	0.870841	0.975863	-1.02473	3.80794	1.35972	0.317399	1
cg01765600	0.61953	0.924761	-1.08136	0.00589151	1.75609	1.75609	0.262593	0.833156	-1.20026	0.869694	1.02599	1.02599	3.77641	1.46064	0.343804	1
cg20630560	0.350414	1.22524	1.22524	0.000540545	3.11754	3.11754	0.173112	1.3585	1.3585	0.814802	0.951618	-1.05084	3.77125	2.66798	0.628846	1
cg09636459	0.172941	1.35494	1.35494	0.0133299	1.90057	1.90057	0.427313	0.843873	-1.18501	0.11686	0.6999	-1.42878	3.65278	2.53791	0.617589	1
cg00901843	0.526931	0.825492	-1.2114	0.384242	0.765759	-1.30589	0.128437	0.611656	-1.63491	0.153119	0.632762	-1.58037	3.56234	5.049	1.25985	1
cg09411356	0.225642	1.67503	1.67503	0.0715412	2.26085	2.26085	0.0553011	2.41254	2.41254	0.421668	0.716949	-1.3948	3.51948	9.16004	2.31348	1
cg00270521	0.0526721	0.372448	-2.68494	0.0497915	0.366661	-2.72731	0.543527	0.759038	-1.31746	0.256228	0.587794	-1.70128	3.50224	11.1514	2.83028	1
cg19306380	0.222337	2.1615	2.1615	0.512586	0.670894	-1.49055	0.00274224	11.9961	11.9961	0.261837	0.494985	-2.02026	3.43767	19.667	5.08537	1
cg01195848	0.897651	1.02509	1.02509	0.00456704	2.06946	2.06946	0.846825	1.03794	1.03794	0.440052	1.16374	1.16374	3.42815	2.0135	0.522084	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error
cg04193160	OBSCN;OBSCN	0.0488432	0.1454	3.06032	0.106052	3.131186	0.2489	2.0489	0.166588	2.87243	0.82043	3.01002	0.62555	3.62659	0.626059	0.703752	1.42036	0.07181196	4.23303	4.23303	0.035641	7.5132	7.5132	0.00602884	13.0225	13.0225	0.02158894	6.63452	3.41837	27.7107	7.20571	1
cg16057216	OBSL1	0.0005813	0.961016	1.01241	1.01241	0.00014047	0.1903	-5.25487	0.0132627	0.460835	-2.16997	0.0600727	1.70812	1.70812	0.112968	1.54567	1.54567	0.03076891	1.89721	1.89721	0.00209737	4.42099	4.42099	0.00513041	1.68656	1.68656	0.687739	1.10737	13.6923	13.8169	0.89698	1
cg03261633	OBSL1	0.0006856	0.499916	1.04788	1.04788	0.000277838	1.50124	1.50124	0.0420221	0.852118	-1.17355	0.305561	0.930102	-1.07515	0.0675514	0.869459	-1.15014	0.00276856	0.75436	-1.32563	0.000255958	1.50872	1.50872	0.676326	1.02909	1.02909	0.533492	1.04402	1.04402	13.0866	0.966891	0.0656747	1
cg07673376	OBSL1	0.0023602	0.0040973	0.481413	-2.07722	0.196168	0.7715	-1.29654	0.0053619	0.498562	-2.00577	0.872961	0.9700384	-1.03804	0.000746621	0.375208	-2.66466	0.00070065	0.37543	-2.66357	0.006878981	0.5174705	-1.94266	0.383511	1.23551	1.23551	0.0541472	0.660452	1.51441	9.18604	5.24118	0.507164	1
cg09367696	OBSL1	0.0054820	0.149389	0.617875	-1.61845	0.453945	1.2618	1.26818	0.145405	1.6273	0.598124	1.18018	1.18018	0.239072	0.681129	1.18018	1.18018	0.239072	0.681129	-1.46815	0.000629607	0.19637	-5.09076	0.042746	0.490746	-2.03771	0.113533	1.65537	1.73472	10.9611	1.3656	1
cg07758790	OBSL1	0.0006637	0.00158668	0.318436	-3.14034	0.994827	1.00164	1.00164	0.18068	0.320588	0.771796	-1.29568	0.0313908	0.533455	-1.87664	0.00958347	0.26268	-3.80601	0.18327	1.42816	1.42816	0.771137	1.07639	1.07639	0.443549	0.821048	-1.21796	0.0297796	0.524404	-1.90693	0.91557	0.97085	0.896868	1
cg22212691	OBSL1	0.0106687	0.296191	1.55402	1.55402	0.239113	1.65161	1.65161	0.0226788	0.329457	-3.03529	0.114672	0.21022	0.21022	?	?	?	0.181439	0.561372	-1.78135	0.919368	0.959629	-1.04207	0.000854722	0.130183	-7.68147	0.37409	1.44965	1.44965	5.90416	13.7679	2.3319	1
cg00452266	OBSL1	0.0053386	0.232837	0.820788	-1.21834	0.0593505	1.42023	1.42023	0.0932465	1.0099	1.0099	0.308419	1.18108	1.18108	0.0041857	0.545674	-1.8326	0.112333	0.761155	-1.31329	0.115519	0.763161	-1.31034	0.0105944	1.21963	1.21963	0.0398673	0.872348	-1.14616	0.8518	1.52045	0.550877	1
cg20962009	OBSL1	0.0471007	0.00826489	0.485392	-2.06019	0.0582615	0.62539	-1.58093	0.635066	1.10774	1.10774	0.952912	0.987441	1.01072	0.435052	0.580461	-1.72277	0.232406	1.30737	1.30737	0.303517	1.02629	1.02629	0.929989	1.01898	1.01898	0.0321775	0.584509	-1.71084	3.46562	2.51403	0.844818	1
cg08493959	OBSL1;NHA	0.00628378	0.197359	0.732719	-1.36478	0.444892	0.837167	-1.19451	0.0168114	1.94606	1.94606	0.865489	0.962048	-1.03945	0.00150003	0.351948	-2.84133	0.0139457	0.500043	-1.99983	0.0307759	0.560491	-1.78415	0.00439799	0.419874	-2.38167	0.162751	0.711726	-1.40503	6.840773	5.64256	0.733198	1
cg22005526	OBSL1;NHA	0.0421482	0.0800992	0.521002	-1.91939	0.0772077	0.0734581	-1.60177	0.0400308	1.87652	1.87652	0.0799152	0.4998842	-2.00066	0.0196609	0.340685	-2.72491	0.8324007	1.0783	1.0783	0.0322611	0.378474	-2.64215	0.0458015	0.442924	-2.25772	0.835281	0.32861	-1.07688	3.6126	7.23994	1.7814	1
cg00867889	OC90	0.0003199	0.68036	1.03325	0.0091943	7.678871	-1.29891	7.18E-05	0.564968	-1.77001	0.799025	0.973949	-1.02675	0.582513	0.957115	1.04048	1.04048	0.167421	0.890313	-1.1232	0.0117568	1.28204	1.28204	0.0260766	0.81183	-1.23179	7.32E-06	0.458192	-2.18249	20.2463	1.99871	0.0877507	1
cg02120737	OC90	0.0007706	0.449953	0.860642	-1.15498	0.0896499	0.641378	-1.55963	0.0522001	0.665672	-1.51131	0.727396	0.956714	-1.06756	0.00158246	0.343903	-2.91492	0.0153822	0.573725	1.743	0.000734208	0.381899	-2.6185	0.0001233353	0.286202	-3.49403	0.000673451	0.378446	-2.64238	12.6643	6.99985	0.491308	1
cg20102950	OC90	0.0015485	0.746589	1.0738	1.0738	0.473863	0.852121	-1.29554	0.0053683	0.448868	-2.23769	0.00233437	0.393122	-2.54374	0.432634	0.838057	-1.19236	0.000194914	0.252358	-3.96263	0.126335	1.44812	1.44812	0.0382892	0.590111	-1.6946	0.00116545	0.350837	-2.85053	10.3839	7.93759	0.679481	1
cg17073133	OC90	0.00206048	0.989295	0.998316	-1.00169	0.147814	0.822815	-1.21534	0.748031	1.04131	1.04131	0.0245611	0.714372	-1.39983	0.545-05	0.388933	-2.57114	0.118519	0.808283	1.23719	0.251267	1.16247	1.16247	0.511501	0.91977	-1.08723	0.00360595	0.592267	-1.68843	0.558452	2.38811	0.222081	1
cg21594839	OC90	0.0112278	0.0236311	0.284648	-3.51311	0.0221182	0.107946	-3.16514	0.016609	0.254153	-3.93719	0.0502592	0.534435	-1.87294	0.0132995	0.232295	-4.30689	0.0078983	0.415833	-2.40481	0.0178264	0.885801	1.1854	1.1854	0.15401	0.874273	-1.14381	0.000653393	0.630805	-1.58528	26.786	3.29939	0.10949	1
cg22449686	OCA2	0.00017758	0.750182	1.0525	1.0525	9.32E-06	0.215835	-4.63318	0.00130235	0.4723	-2.1173	0.28873	1.19294	1.19294	0.764975	0.953107	-1.0492	5.44E-05	0.299758	-3.33602	0.0172572	1.59152	1.59152	0.0592942	0.711005	-1.40546	0.427535	0.878301	-1.13856	21.2006	8.61641	0.361264	1
cg20906524	OCA2	0.0004200897	0.115768	1.7091	1.17093	0.00377089	0.119549	-8.37901	0.0211363	0.398187	-2.51138	0.00847107	0.325159	-3.07455	8.09E-05	0.0927901	-1.77777	0.018202	0.383503	-2.60754	0.000231256	0.129561	-7.71547	0.000220926	0.127812	-7.82401	0.0171375	0.378626	-2.64112	17.4814	30.1938	1.57322	1
cg13963891	OCA2	0.0003575609	0.031431	0.421248	-2.3739	0.29927	0.791382	-1.26361	0.516062	1.15398	1.15398	0.54008	0.873798	-1.14443	0.000108207	0.226708	-4.41095	0.002037163	0.389395	-2.56808	0.000414876	0.295744	-3.3813	0.0237699	0.556044	-1.79842	0.000327524	0.282975	-3.53388	13.7419	10.2948	0.665916	1
cg09178700	OCA2	0.00105132	0.770264	0.953153	-1.04898	0.0256549	0.575267	-1.73832	0.0274992	0.482732	-2.07185	0.0116705	0.540256	-1.84844	0.490047	0.802732	-1.24579	0.2267157	0.767402	-1.3031	0.0007334125	0.765564	1.30609	0.0016305	0.755404	-1.32403	0.0006993	0.669683	0.0166125	1.84746	11.7559	6.350205	0.541575	1
cg02393591	OCA2	0.00107235	0.00183548	0.668724	-1.44502	0.0472091	0.706917	-1.41459	0.000768926	0.459315	-2.17716	0.000171934	0.377197	-2.65113	0.702501	1.06037	1.06037	0.11245	0.768009	-1.30207	0.199318	1.23016	1.23016	0.174183	0.801874	-1.24708	0.000341416	0.414433	-2.41354	11.5355	4.2625	0.328456	1
cg18248869	OCA2	0.00167643	0.380659	0.917	-1.09051	0.012008	0.739403	-1.35244	0.000361069	0.576274	-1.73528	0.874208	0.98485	-1.01538	0.782137	1.02705	1.02705	0.0802205	0.829438	-1.20564	0.000532764	1.68127	1.68127	0.989117	0.998687	-1.00132	0.166529	1.15273	1.15273	10.1487	1.49234	0.130709	1
cg17791195	OCA2	0.0018809	0.047755	0.7041	-1.42066	0.0201958	0.507977	-1.96859	0.00760169	0.533557	-1.87312	0.223977	0.981658	-1.01838	0.215427	0.817012	-1.22357	0.0036508	0.435172	-2.29791	0.0010314	0.586079	1.70633	0.0035048	0.424657	-2.35469	0.0003554	0.560908	0.0195963	1.70987	8.91559	10.1348	0.882227	1
cg11684572	OCA2	0.00236185	0.0139463	0.767934	-1.30219	0.812	0.979496	-1.02093	0.000617739	0.632368	-1.58136	0.0431932	0.124414	1.22414	0.827121	0.981162	-1.0192	0.918162	0.991103	-1.00898	0.000889482	1.54161	1.54161	0.824954	1.01945	1.01945	0.108869	0.858956	-1.1642	9.18421	1.09966	0.10643	1
cg08241693	OCA2	0.00336353	0.316385	0.840001	-1.18624	0.444766	0.892026	-1.12104	0.0080943	0.599116	-1.66833	0.0956536	0.798872	-1.25161	0.0964568	1.04748	1.04748	0.322339	0.954668	-1.04755	0.0184936	0.659921	0.928759	-1.07671	7.13E-07	0.931268	0.0001	0.940693	-1.06305	3.44217	3.57564	0.382377	1
cg17926792	OCA2	0.00383609	0.0233059	0.36065	-2.77102	0.0294842	0.119569	-1.95569	0.365878	0.914091	0.0316062	0.862658	0.19541	1.17221	0.538855	1.07324	1.07324	0.954918	1.007	1.007	0.241422	0.869968	1.14947	0.00406843	0.886905	1.86505	0.00605811	0.665518	-1.50259	0.0358138	1.75771	11.3976	5.952053	0.126573	1
cg27658068	OCA2	0.00495248	0.551021	0.867581	-1.15263	0.0153878	0.496441	-2.01434	0.20693	1.3681	1.3681	0.781404	0.936595	-1.0677	0.00137292	0.335124	-2.98397	0.00383144	0.399349	-2.50408	0.0102519	0.466735	-2.14254	0.04193979	1.73676	1.73676	0.97851	1.00636	1.00636	7.34197	6.4478	0.780632	1
cg02571678	OCA2	0.00363197	0.2509062	0.7445	-1.34307	0.0307088	0.115947	-8.37901	0.0211363	0.398187	-2.51138	0.00847107	0.325159	-3.07455	8.09E-05	0.0927901	-1.77777	0.0048786	0.491016	-2.0354	0.0002706	0.129561	-7.71547	0.000220926	0.127812	-7.82401	0.0171375	0.378626	-2.64112	17.4814	30.1938	1.57322	1
cg01677142	OCA2	0.0066224	0.353958	1.3623	1.3623	0.0560974	0.495878	-2.01663	0.0202599	0.40354	-2.47807	0.3292977	0.721521	-1.38596	0.01168	0.3600221	-2.77761	0.0114221	0.358336	-2.79067	0.000516287	0.172655	-5.79191	0.730864	0.894097	-1.11845	0.0108617	0.354563	-2.82038	5.73028	11.203	1.47962	1
cg15269045	OCA2	0.0045751	0.684057	1.05807	1.05807	0.0508084	0.672402	-1.45175	0.0329394	0.587971	-1.70083	0.1144432	0.894793	1.11445	0.3844376	1.19559	1.19559	0.6424143	0.92	1.08083	0.7358077	1.90122	1.90122	0.108083	0.735877	-1.35892	0.1191616	0.834471	1.68722	0.0267975	2.16375	1
cg23069177	OCA2	0.0103585	0.0847931	0.739535	-1.3522	0.763934	0.95344	-1.04883	0.343418	1.16708	1.16708	0.6689416	0.724553	-1.38016	0.14495	1.28122	1.28122	0.156513	0.786688	-1.27115	0.000272633	0.38895	-2.57102	0.482703	0.893206	-1.11956	0.8448886	1.03149	1.03149	5.84432	2.31952	0.352786	1
cg03449867	OCA2	0.0148095	0.0675862	0.53731	0.53731	0.933843	0.950067	-1.05256	0.862185	1.11335	1.11335	0.329712	0.537632	-1.86001	0.0114568	0.142212	-7.03177	0.00871348	0.127179	-7.86292	0.0096585	0.132745	-7.53323	0.0155568	0.160384	-6.23506	0.0749186	0.294127	-3.39989	5.20263	31.3639	5.35861	1
cg17539696	OCA2	0.01788227	0.00525237	0.4969	-2.01228	0.0219798	0.507977	-1.96859	0.00760169	0.533557	-1.87312	0.223977	0.981658	-1.01838	0.215427	0.817012	-1.22357	0.0036508	0.435172	-2.29791	0.0010314	0.586079	1.70633	0.0035048	0.424657	-2.35469	0.0003554	0.560908	0.0195963	1.70987	8.91559	10.1348	0.882227	1
cg23744121	OCA2	0.0199718	0.294055	0.766742	-1.30422	0.0587037	0.593846	-1.68394	0.26734	0.75427	-1.32579	0.749395	1.08135	1.08135	0.00676628	0.424575	-2.35529	0.00156636	0.329953	-3.03074	0.0150457	0.482257	-2.07358	0.934359	1.02031	1.02031	0.391328	0.807072	-1.23905	4.70682	4.43986	0.838472	1
cg25605243	OCA2	0.0068803	0.0162804	0.31222	-3.20434	0.0139453	0.0315591	-1.89576	0.0484897	0.859318	-1.16371	0.0208864	0.552547	-1.8098	0.0182531	0.338444	-2.95392	0.0107464	0.504587	-1.98162	0.0130155	0.582061	-1.72336	0.0061477	0.760844	-1.31432	0.0011515	0.360788	-2.77171	4.66304	2.36359	0.507483	1
cg26426112	OCA2	0.0215728	0.635663	1.13943	1.13943	0.0906073	0.430474	-2.47684	0.479779	0.821246	-1.21766	0.190414	1.56322	1.56322	0.0330552	0.499048	2.00382	0.750477	0.09118	1.09118	0.613698	0.870041	-1.14937	0.7926	1.07472	1.07472	0.00247881	0.316505	-1.45865	4.1312	1.05302	1
cg21643429	OCA2	0.0223506	0.0540521	0.506425	-1.97463	0.0517909	0.50226	-1.991	0.057158	0.511923	-1.95342	0.345728	0.739227	-1.35276	0.123372	0.594929	-1.68087	0.0345438	0.464433	-2.15316	0.137075	0.607565	-1.64591	0.13015	0.601301	-1.66306	0.000624813	0.19457	-5.13953	4.52928	6.94477	1.36294	1
cg01738793	OCA2	0.0418151	0.0242503	0.4144	-2.41353	0.0379453	0.0301151	-1.95661	0.019676	0.484887	0.8593818	-1.16371	0.0208864	0.552547	-1.8098	0.0182531	0.338444	-2.95392	0.0107464	0.504587	-1.98162	0.0130155	0.582061	-1.72336	0.0061477	0.760844	-1.31432	0.0011515	0.360788	-2.77171	4.66304	2.36359	0.507483	1
cg26426112	OCA2	0.0215728	0.635663	1.13943	1.13943	0.0906073	0.430474	-2.47684	0.479779	0.821246	-1.21766	0.190414	1.56322	1.56322	0.0330552	0.499048	2.00382	0.750477	0.09118	1.09118	0.613698	0.870041	-1.14937	0.7926	1.07472	1.07472	0.00247881	0.316505	-1.45865	4.1312	1.05302	1
cg21643429	OCA2	0.0223506	0.0540521	0.506425	-1.97463	0.0517909	0.50226	-1.991	0.057158	0.511923	-1.95342	0.345728	0.739227	-1.35276	0.123372	0.594929	-1.68087	0.0345438	0.464433	-2.15316	0.137075	0.607565	-1.64591	0.13015	0.601301	-1.66306	0.000624813	0.19457	-5.13953	4.52928	6.94477	1.36294	1
cg01738793	OCA2	0.0418151	0.0242503	0.4144	-2.41353	0.0379453	0.0301151	-1.95661	0.019676	0.484887	0.8593818	-1.16371	0.0208864	0.552547	-1.8098	0.0182531	0.338444	-2.95392	0.0107464	0.504587	-1.98162	0.0130155	0.582061	-1.72336	0.0061477	0.760844	-1.31432	0.0011515	0.360788	-2.77171	4.66304	2.36359	0.507483	1
cg04855249	OCA2	0.0258732	0.658826	0.912683	-1.09567	0.446979	0.852676	-1.17278	0.00929393	0.365122	-2.76609	0.514051	0.872784	-1.14576	0.761767	0.939394	-1.06452	0.260107	0.785421	-1.2732	0.565381	1.12692	1.12692	0.0731984	1.50807	1.50807	0.0156126	0.640191	-1.56203	4.30542	2.88297	0.595213	1
cg27288662	OCA2	0.0268501	0.690567	1.0248	1.0248	0.0402788	0.744	-1.34327	0.0244241	0.439	-2.27844	0.1119611	0.609209	1.10237	0.1145	0.817012	-1.22357	0.0036508	0.435172	-2.29791	0.0010314	0.586079	1.70633	0.0035048	0.424657	-2.35469	0.0003554	0.560908	0.0195963	1.70987	8.91559	10.1348	0.882227	1
cg03357803	OCA2	0.0292487	0.366995	0.694188	-1.44053	0.00900774	0.27039	-3.69836	0.00224215	0.18538	-5.39431	0.915114	0.958874	-1.04289	0.30669	0.659143	-1.51712	0.516838	0.771926	-1.29546	0.200599	1.7031	1.7031	0.044817	0.403698	-2.4771	0.501473	0.764364	-1.30828	4.12375	10.1319	2.18397	1
cg26617966	OCA2	0.0358217	0.132483	0.654009	-1.52917	0.0424484	0.110133	1.02013	0.66279	0.839762	-1.19029	0.0956536	0.798872	-1.25161	0.0964568	1.04748	1.04748	0.322339	0.954668	-1.04755	0.0184936	0.659921	0.928759	-1.07671	7.13E-07	0.931268	0.0001	0.940693	-1.06305	3.44643	3.57564	0.382377	1
cg15194100	OCA2	0.0371886	0.611941	1.63434	0.0584354	0.538786	0.45602	-2.15228	0.0842585	0.516579	-1.93581	0.0833866	0.324458	1.30206	0.0026	0.2984	1.71085	0.0924382	0.58531	-1.7085	0.0118687	0.410644	-2.44808	0.32804	0.74077	-1.3391	0.0253955	0.833686	-1.20238	3.7821	5.01081	1.17766	1
cg25744277	OCA2	0.0383677	0.105126	0.762245	-1.31191	0.69731	0.941834	-1.06176	0.180395	0.804056	-1.24369	0.0713903	0.734386	-1.36168	0.00500051	0.565806	-1.76739	0.0977356	0.756884	-1.32121	0.0573132	1.39052	1.39052	0.417213	1.13554	1.13554	0.226728	0.823173	-1.21481	1.73993	1.39232	0.330919	1
cg04729715	OCA2	0.0403365	0.0001	0.2836	-3.52763	0.163771	0.0001	-3.76751	0.79051	0.0001	-3.88287	0.0001	0.0001	-4.65288	0.0001	0.0001	-4.40993	0.644921	0.515376	-1.94042	0.0117697	0.0001	-3.92308	0.0001	0.0001	-4.08308	0.0001	0.0001	-3.92308	0.0001	0.0001	-4.08308	0.0001	1
cg25247615	OCE1	0.0015565	0.558239	0.800066	-1.12351	0.0026129	0.27054	1.27054	0.69074	0.924355	-1.08184	0.102684	0.420881	0.0258491	0.594255	1.68278	1.68278	0.135776	0.728907	-1.37192	0.9054-05	0.252385	-3.96221	0.119472	0.717256	-1.3942	0.411269	0.847673	-1.1797	10.3685	6.35338	0.544671	1
cg21084422	OCE1	0.0036017	0.9763	0.991935	-1.00815	0.0608872	0.562181	-1.77879	0.811791	0.937045	-1.06718	0.582398	1.16344	1.16344	0.251208	0.699544	-1.42995	0.315563	0.713586	1.3114	0.464-05	0.215257	-4.64599	0.241098	0.684848	-1.46058	0.763675	0.282876	1.88876	8.10394	6.5367	1.64094	1
cg00003818	OCE1	0.0019864	0.396253	0.752364	0.6107522	0.385262	-2.56454	0.0475452	0.0015752	0.381062	-2.62936	0.1943096	0.726819	-1.37586	0.01112953	0.464-05	-2.81944	0.0687799	0.514068	-1.94527	0.000388472	0.157521	-6.34836	0.0185182	0.393357	-2.54222	0.1605768	0.262286	1.61336	6.36256	10.7544	1.50245	1
cg19461907	OCE1	0.0127875	0.042219	0.389746	-2.56578	0.0058401	0.233421	-4.2841	0.0132824	0.290706	-3.4399	0.196764	0.577226	-1.73242	0.00369485	0.206019	-4.85393	0.0569885	0.420105	-2.38036	0.0094076	0.265644	-3.76443	0.00602169	0.235759	-4.24162	0.140411	0.528027	-1.89384	5.45944	14.0189	2.28252	1
cg23325670	OCE1	0.128904	0.839706	1.19088	0.507641	1.07419	1.07419	0.0152814	0.728236	-1.37318	0.1663	0.854562	-1.17018	0.0212603	0.744668	-1.34288	0.366587	1.10381	1.10381	0.00102539	0.595591	-1.679	0.169279	0.855626	-1.16873	0.855554	1.01959	1.01959	0.070999	0.910751	0.159613	1.09163	1
cg25689649	OCE1	0.0240411	0.0166886	0.273558	-3.65553	0.0503048	0.370714	-2.69749	0.03442	0.333806	-2.99575	0.327435	0.637891	-1.56767	0.0179701	0.278411	-3.59182	0.124968	0.477777	-2.09303	0.00545091	0.19674	-5.08284	0.00566873	0.190077	-5.02318	0.175979	0.527354	-1.89626	4.41678	13.8355	2.78442	1
cg13782532	OCE1;OCA1	0.0413676	0.198682	0.796842	-1.25495	0.0150604	0.606586	-1.64857	0.0927371	0.733969	-1.36246	0.0110578	0.586957	-1.7037	0.0594909	0.70127	-1.42598	0.112382	0.749019	-1.33508	0.928252	1.01517	1.01517	0.149882	0.77251	-1.29448	0.00785024	0.565318	-1.76892	1.63771	1.62057	0.393548	1
cg27456382	01;OCA01;OCA1;OCA01;OCA1;OCA01;OCA1	5.94E-07	3.96E-05	2.50187	2.50187	0.00723715	0.66743	-1.49828	0.0371618	1.32616	1.32616	0.805458	0.971619	-1.02921	1.51E-07	0.147622	-6.77407	8.20E-06	0.321048	-3.1148	6.42E-06	0.309175	-3.23441	4.30E-06	3.44871	3.44871	0.946394	1.00788	1.00788	83.7449	18.0555	0.191645	1
cg27327094	01;OCA01;OCA1;OCA01;OCA1;OCA01;OCA1	0.00403817	0.0194128	0.330804	-3.02294	0.0099229	0.279299	-3.58039	0.0865812	0.476661	-2.09793	0.362202	1.4428	1.4428	0.0323307	0.374983	-2.66679	0.00351181	0.212333	-4.70959	0.000277897	0.0974628	-10.2603	0.0163258	0.851606	-1.17425	0.023606	0.347161	-2.88051	7.83004	18.9995	2.15688	1
cg04117853	01;OCA01	0.0257493	0.921996	0.962785	-1.03865	?	?	0.0138632	0.308078	-3.24593	0.795483	1.10581	1.10581	0.514779	1.29147	1.29147		0.0456641	0.411785	-2.42845	0.0085459	0.2727752	-3.66634	0.0121637	0.298193	-3.35354	0.0984465	0.495735	-2.01721	4.38746	9.26089	2.11077	1
cg02677352	01;OCA01;OCA1;OCA01;OCA1;OCA01;OCA1	0.00400947	0.167093	0.633255	-1.57914	0.0107927	0.370316	-2.7004	0.946657	1.02097	1.02097	0.204416	0.660062	-1.51501	5.67E-05	0.0983369	-10.1691	0.37739	0.755056	-1.32441	0.999361	1.00025	1.00025	0.118296	0.590939	-1.69222	0.0768937	0.54322	-1.84087	7.8469	11.9584	1.35464	1
cg09611793	01;OCA01;OCA1;OCA01;OCA1;OCA01	1.08E-05	0.00526352	0.818317	-1.22202	0.811894	1.01308	1.01308	0.0057136	0.820791	-1.21834	0.127474	0.914108	-1.09396	0.131262	0.915044	-1.09284	0.00216584	0.790939	-1.26432	9.04E-08	0.385123	-2.59657	0.772306	0.984315	-1.01594	0.00124993	0.773466	-1.29288	39.7998	1.87163	0.041801	1
cg03359731	01;OCA01;OCA1;OCA01;OCA1;OCA01;OCA1	0.00034528 5	1.40E-05	0.0231541	-43.1889	0.99798	1.00105	1.00105	0.0839572	2.21335	2.21335	0.509335	0.75721	-1.32064	?	?	?	?	?	?	0.02176506	1.34016	1.34016	0.995604	0.997713	-1.00229	0.0412522	2.65976	2.65976	15.735	35.5394	2.43016	1
cg22803211	01;OCA01;OCA1;OCA01;OCA1;OCA01;OCA1	0.00931857	0.00423109	0.46089	-2.16972	0.962854	0.990623	-1.00947	0.00094588	0.368914	-2.71066	0.840044	1.04173	1.04173	0.213628	1.3033	1.3033	0.238933	1.28336	1.28336	0.0883366	0.683609	-1.46282	0.21516	1.30202	1.30202	0.495199	1.15038	1.15038	6.04519	3.91759	0.576045	1
cg13750354

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N vs. N)	p-value(105 N)	Fold-Change(105 vs. N)	p-value(1117 N)	Fold-Change(1117 vs. N)	p-value(1127 N)	Fold-Change(1127 vs. N)	p-value(1217 N)	Fold-Change(1217 vs. N)	p-value(1247 N)	Fold-Change(1247 vs. N)	p-value(1477 N)	Fold-Change(1477 vs. N)	p-value(1537 N)	Fold-Change(1537 vs. N)	p-value(5377 N)	Fold-Change(5377 vs. N)	p-value(5637 N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg08692531	ODF3L2;ODF3L2	4.99E-05	2.78E-05	0.130124	-2.73133	0.210826	1.17082	0.105827	-1.55539	0.0254581	0.642924	-1.55539	0.0254581	0.723684	-1.38182	2.23E-05	0.15488	-2.81786	0.00318496	0.647424	-1.54458	5.95E-05	0.2301	-3.44709	0.030545	0.733838	-1.62196	26.6349	6.25425	0.208723	1
cg10814153	ODF3L2;ODF3L2	8.19E-05	4.63E-05	0.286824	-3.48645	0.0156971	1.61732	1.61732	0.0191985	0.490060	-2.04055	0.00110122	0.457873	-2.18401	0.000125817	0.338173	2.95706	0.177996	1.2616	1.2616	3.93E-05	0.278745	-3.58751	0.269746	0.829783	-1.20513	0.00457133	0.54169	-1.84607	23.3549	9.75022	0.371094	1
cg12839556	ODF4	0.00446555	0.0152692	1.31588	1.31588	0.0433011	0.807192	-1.23886	0.000184944	0.558784	-1.7896	0.481513	0.06835	1.06835	0.667633	0.960974	-1.04061	0.370092	0.92021	-1.08671	0.822786	0.979541	-1.02089	0.0277374	0.786818	-1.27094	0.918844	0.990652	-1.00944	7.59541	1.02152	0.119548	1
cg24770158	ODF4	0.0133953	0.0254736	0.421948	-2.36996	0.0218542	1.44531	2.44531	0.208394	0.53882	1.53882	0.172777	0.624051	-1.60243	0.00193055	0.240237	-4.16256	0.703562	1.13229	1.13229	0.0606229	0.502664	-1.09868	0.436548	0.772635	-1.29427	0.627441	1.17227	1.17227	5.37722	8.99458	1.48686	1
cg00447753	OIP4	0.011406	0.670141	0.895111	-1.12169	0.230563	0.71384	-1.40087	0.0548334	0.557847	-1.78275	0.26851	0.66051	1.66051	0.00299234	0.335781	2.97813	0.0595541	0.565572	-1.76812	0.00690085	0.388533	-2.56718	0.419297	0.801581	-1.24753	0.0542974	0.556935	-1.79554	4.02072	4.57419	1.01125	1
cg01792733	OZD1;OZD1;OZD1	0.00550112	0.107946	0.528395	-1.89252	0.166892	0.58511	-1.70908	0.0810085	0.496039	-2.01597	0.000881	0.109	1.88057	0.000196	0.0995	10.0513	0.0464699	0.253212	3.94827	0.162989	0.581823	-1.71873	0.514526	1.21714	1.21714	0.836576	0.927633	-1.07801	7.32471	15.3443	1.8621	1
cg24761295	OZD1;OZD1;OZD1	0.0153225	0.0098194	0.360889	-2.77094	0.00135183	0.233795	-4.27726	0.0248459	0.43434	-2.30234	0.829943	0.935047	-1.06947	0.02220217	0.424854	-2.35375	0.0180079	0.411613	-2.42947	0.0315854	0.455182	-2.19693	0.342589	0.736893	-1.35705	0.2910335	0.710264	-1.40793	5.14435	7.94351	1.37255	1
cg00345040	OZD2	8.63E-05	0.0015311	-5.43868	0.00993182	0.208656	-4.79398	0.000167017	0.158052	-6.32617	7.40E-05	0.0153483	0.31794	-3.14524	-6.60185	0.00153483	0.31794	-3.14524	0.0302529	0.538662	-1.85638	0.0114745	0.2884198	0.353964	-2.82515	0.000240495	0.208884	-4.78794	30.2977	26.3128	0.675482	1
cg19537558	OZD2	0.000166018	0.00424701	0.526644	-1.92063	0.0680095	0.549857	-1.81866	0.00101297	0.355333	-2.29709	0.000156523	0.331677	-3.01498	0.87856	0.12642	1.12642	3.58E-05	0.25685	-3.89332	0.163899	0.184108	0.374582	-1.94847	3.30E-05	0.252983	-3.95283	19.3207	8.90084	0.409502	1
cg11107657	OZD2	0.00081133	0.13067	0.83686	-1.19494	0.000247431	0.516697	-1.93537	0.00774528	0.688529	-1.45237	0.354004	0.901181	-1.10965	0.03781137	0.768888	-1.30058	0.252387	0.877696	-1.13935	0.000193616	0.98283	1.98283	0.111315	0.827573	-1.20835	0.802849	1.02767	1.02767	12.4826	2.35372	0.167609	1
cg04223188	OZD2	0.0010262	0.676657	0.974727	-1.02581	0.934124	1.17976	1.17976	0.0010725	0.374039	-1.40049	0.0016555	0.00857	1.00857	0.0080706	0.0016555	1.00857	1.00857	0.0376989	0.846748	-1.18099	0.000315599	1.49658	1.49658	0.0006776	0.993616	-1.00696	0.12424	0.891479	1.12171	11.6805	0.880363	0.0670491	1
cg26101465	OZD2	0.0022601	0.177588	1.18068	1.18068	5.04E-05	2.41335	2.41335	0.399083	0.904772	-1.10525	0.860785	0.915051	1.28197	1.28197	0.022654	1.37206	1.37206	0.00336045	1.58803	0.309502	1.12965	1.12965	0.309117	1.12977	1.12977	0.30358	1.97992	0.189166	1
cg19004344	OZD2	0.00164148	0.0429128	-4.51832	0.417797	0.77109	-1.29686	0.941994	0.97709	-1.02313	0.295434	0.71132	-1.40564	0.000260413	0.151748	4.558885	0.21948	0.756648	0.906644	-1.10297	0.0789157	0.541984	-1.84507	0.0728222	0.534541	-1.87217	0.00562566	0.139734	-3.02358	7.32246	11.4024	1.38756	1
cg07447269	OZD2	0.00605596	0.00132089	0.136584	-7.3215	0.218342	0.708535	-1.41136	0.0707542	0.422982	-2.36413	0.00549349	0.211068	-4.7378	0.952741	0.02558	1.02558	0.02558	0.851499	0.923248	-1.08313	0.0319775	0.155299	-6.43918	0.55232	0.779998	-1.29199	0.00487464	0.203874	-4.905	6.71972	19.3242	2.55623	1
cg16531386	OZD2	0.00906934	0.0168811	0.500667	-1.99734	0.437731	0.760244	1.60261	0.621762	1.12528	1.12528	0.0290823	0.378625	-2.64113	0.00242043	0.367145	-2.72372	0.255552	1.3254	1.3254	0.219616	1.35848	1.35848	0.30325	1.288	1.288	0.247915	0.75074	-1.33202	6.0975	5.43992	0.793027	1
cg00654514	OZD2	0.00930144	0.3053842	1.2418	1.22418	0.0973194	0.727215	-1.37511	0.0070946	0.163776	-3.66337	0.000707158	0.13657	-7.32188	0.000179	0.00705	14.1977	0.0010774	0.731657	1.36717	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg24761295	OZD1;OZD1;OZD1	0.0153225	0.00981940	0.360889	-2.77094	0.00135183	0.233795	-4.27726	0.0248459	0.43434	-2.30234	0.829943	0.935047	-1.06947	0.02220217	0.424854	-2.35375	0.0180079	0.411613	-2.42947	0.0315854	0.455182	-2.19693	0.342589	0.736893	-1.35705	0.2910335	0.710264	-1.40793	5.14435	7.94351	1.37255	1
cg00345040	OZD2	8.63E-05	0.0015311	-5.43868	0.00993182	0.208656	-4.79398	0.000167017	0.158052	-6.32617	7.40E-05	0.0153483	0.31794	-3.14524	-6.60185	0.00153483	0.31794	-3.14524	0.0302529	0.538662	-1.85638	0.0114745	0.2884198	0.353964	-2.82515	0.000240495	0.208884	-4.78794	30.2977	26.3128	0.675482	1
cg19537558	OZD2	0.000166018	0.00424701	0.526644	-1.92063	0.0680095	0.549857	-1.81866	0.00101297	0.355333	-2.29709	0.000156523	0.331677	-3.01498	0.878556	0.12642	1.12642	3.58E-05	0.25685	-3.89332	0.163899	0.184108	0.374582	-1.94847	3.30E-05	0.252983	-3.95283	19.3207	8.90084	0.409502	1
cg11107657	OZD2	0.00081133	0.13067	0.83686	-1.19494	0.000247431	0.516697	-1.93537	0.00774528	0.688529	-1.45237	0.354004	0.901181	-1.10965	0.03781137	0.768888	-1.30058	0.252387	0.877696	-1.13935	0.000193616	0.98283	1.98283	0.111315	0.827573	-1.20835	0.802849	1.02767	1.02767	12.4826	2.35372	0.167609	1
cg04223188	OZD2	0.0010262	0.676657	0.974727	-1.02581	0.934124	1.17976	1.17976	0.0010725	0.374039	-1.40049	0.0016555	0.00857	1.00857	0.0080706	0.0016555	1.00857	1.00857	0.0376989	0.846748	-1.18099	0.000315599	1.49658	1.49658	0.0006776	0.993616	-1.00696	0.12424	0.891479	1.12171	11.6805	0.880363	0.0670491	1
cg26101465	OZD2	0.0022601	0.177588	1.18068	1.18068	5.04E-05	2.41335	2.41335	0.399083	0.904772	-1.10525	0.860785	0.915051	1.28197	1.28197	0.022654	1.37206	1.37206	0.00336045	1.58803	0.309502	1.12965	1.12965	0.309117	1.12977	1.12977	0.30358	1.97992	0.189166	1
cg19004344	OZD2	0.00164148	0.0429128	-4.51832	0.417797	0.77109	-1.29686	0.941994	0.97709	-1.02313	0.295434	0.71132	-1.40564	0.000260413	0.151748	4.558885	0.21948	0.756648	0.906644	-1.10297	0.0789157	0.541984	-1.84507	0.0728222	0.534541	-1.87217	0.00562566	0.139734	-3.02358	7.32246	11.4024	1.38756	1
cg07447269	OZD2	0.00605596	0.00132089	0.136584	-7.3215	0.218342	0.708535	-1.41136	0.0707542	0.422982	-2.36413	0.00549349	0.211068	-4.7378	0.952741	0.02558	1.02558	0.02558	0.851499	0.923248	-1.08313	0.0319775	0.155299	-6.43918	0.55232	0.779998	-1.29199	0.00487464	0.203874	-4.905	6.71972	19.3242	2.55623	1
cg16531386	OZD2	0.00906934	0.0168811	0.500667	-1.99734	0.437731	0.760244	1.60261	0.621762	1.12528	1.12528	0.0290823	0.378625	-2.64113	0.00242043	0.367145	-2.72372	0.255552	1.3254	1.3254	0.219616	1.35848	1.35848	0.30325	1.288	1.288	0.247915	0.75074	-1.33202	6.0975	5.43992	0.793027	1
cg00654514	OZD2	0.00930144	0.3053842	1.2418	1.22418	0.0973194	0.727215	-1.37511	0.0070946	0.163776	-3.66337	0.000707158	0.13657	-7.32188	0.000179	0.00705	14.1977	0.0010774	0.731657	1.36717	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg10103595	OZD2	0.012515	0.0843892	0.530468	-1.88513	0.34591	1.38039	1.38039	0.207615	0.64321	-1.5547	0.841485	0.93646	-1.06785	0.02515309	0.412957	-2.42156	0.0735962	0.515607	-1.93946	0.00653254	0.309263	-3.23349	0.00525139	0.39572	3.39572	0.151749	0.600491	-1.6653	5.4979	9.60337	1.55265	1
cg06793849	OZD2	0.00458946	0.0846229	-11.8172	0.0218228	0.186056	-5.3014	0.468801	0.837882	-1.19428	0.132447	0.661107	-1.51262	0.00410264	0.0800792	-12.3492	0.0906183	0.0206063	0.448388	-2.23014	0.153249	-6.53052	0.0883765	0.11324	-8.84532	0.0343149	0.198707	-5.01255	5.02568	34.0048	6.03033	1
cg23167425	OZD2	0.0195161	0.883036	0.969588	-1.03137	0.0122949	0.370978	-2.69558	0.0127251	0.544204	-1.83754	0.181671	0.742717	-1.34641	0.857526	0.10842	1.10842	0.169314	1.36338	1.36338	0.484505	1.13475	1.13475	0.14383	2.74277	1.13475	0.14383	3.3067	0.619603	1
cg28462380	OZD2	0.0219395	0.235246	-4.25306	0.0822605	0.901408	1.02401	0.0300859	0.57002	-1.75402	0.460929	0.25735	0.54314	-1.84077	0.117307	0.424525	-2.35496	0.0300913	0.512164	-1.95284	0.0260114	0.193988	-5.1594	0.0210264	0.475505	0.844299	0.295129	-3.38835	0.1310022	0.591644	-1.69071	5.55305	4.3272	0.708195	1
cg19383686	OZD2	0.0204992	0.625453	0.844129	-1.18465	0.198919	0.626521	-1.59612	0.478826	0.780361	-1.28145	0.496611	0.7884	-1.26839	0.00524258	0.55502	1.55502	0.169303	0.603895	-1.65592	0.0039001	0.262268	-3.81289	0.0669224	0.4929	-2.02881	0.359618	0.722939	-1.38324	4.66527	8.76619	1.67025	1
cg18994744	OZD2	0.0222739	0.699583	1.10394	1.10394	0.0949238	2.31182	2.31182	0.242942	1.81571	1.81571	0.699558	1.10395	1.10395	0.00421808	0.376429	-2.65654	0.147008	1.48717	1.48717	0.139289	1.50045	1.50045	0.359728	1.01491	1.01491	0.39831	1.24674	1.24674	5.43644	4.67048	0.915518	1
cg10547925	OZD2	0.0218172	0.0166331	0.494868	-2.01974	0.0297334	0.727215	-1.37511	0.807064	0.944144	0.660756	0.494597	-1.51522	0.00162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	0.0162295	0.0154978	-6.45097	0.0162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	0.0162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	1
cg08577341	OZD2	0.0241829	0.204968	1.22982	1.22982	0.0959838	1.98234	1.98234	0.0232571	1.67628	1.67628	0.810025	0.955167	-1.04694	0.34282	0.810934	-1.20459	0.823373	0.958315	-1.0435	0.0162422	0.571298	-1.7504	0.157231	1.33389	1.33389	0.174877	1.3163	1.3163	5.40779	2.53237	0.510685	1
cg22554488	OZD2	0.0245645	0.0079204	0.123733	-8.08189	0.148987	0.492383	-2.031	0.0193855	0.374167	-2.67133	0.0140871	0.159951	-6.25119	0.215854	0.45494	-2.19857	0.0559568	0.276447	-3.61733	0.0411837	0.240584	-4.15605	0.0178169	0.0324493	0.273944	-4.54562	0.0238612	0.195792	-5.10545	5.69574	32.9994	5.14996	1
cg16656232	OZD2	0.0120237	0.0939557	0.61753	0.61753	0.00047537	0.32057	0.32057	0.20608	1.38875	1.38875	0.255866	0.787621	-1.26965	0.891822	0.02783	1.02783	0.37911	1.00754	1.00754	0.0014005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00103595	OZD2	0.012515	0.0843892	0.530468	-1.88513	0.34591	1.38039	1.38039	0.207615	0.64321	-1.5547	0.841485	0.93646	-1.06785	0.02515309	0.412957	-2.42156	0.0735962	0.515607	-1.93946	0.00653254	0.309263	-3.23349	0.00525139	0.39572	3.39572	0.151749	0.600491	-1.6653	5.4979	9.60337	1.55265	1
cg06793849	OZD2	0.00458946	0.0846229	-11.8172	0.0218228	0.186056	-5.3014	0.468801	0.837882	-1.19428	0.132447	0.661107	-1.51262	0.00410264	0.0800792	-12.3492	0.0906183	0.0206063	0.448388	-2.23014	0.153249	-6.53052	0.0883765	0.11324	-8.84532	0.0343149	0.198707	-5.01255	5.02568	34.0048	6.03033	1
cg23167425	OZD2	0.0195161	0.883036	0.969588	-1.03137	0.0122949	0.370978	-2.69558	0.0127251	0.544204	-1.83754	0.181671	0.742717	-1.34641	0.857526	0.10842	1.10842	0.169314	1.36338	1.36338	0.484505	1.13475	1.13475	0.14383	2.74277	1.13475	0.14383	3.3067	0.619603	1
cg28462380	OZD2	0.0219395	0.235246	-4.25306	0.0822605	0.901408	1.02401	0.0300859	0.57002	-1.75402	0.460929	0.25735	0.54314	-1.84077	0.117307	0.424525	-2.35496	0.0300913	0.512164	-1.95284	0.0260114	0.193988	-5.1594	0.0210264	0.475505	0.844299	0.295129	-3.38835	0.1310022	0.591644	-1.69071	5.55305	4.3272	0.708195	1
cg19383686	OZD2	0.0204992	0.625453	0.844129	-1.18465	0.198919	0.626521	-1.59612	0.478826	0.780361	-1.28145	0.496611	0.7884	-1.26839	0.00524258	0.55502	1.55502	0.169303	0.603895	-1.65592	0.0039001	0.262268	-3.81289	0.0669224	0.4929	-2.02881	0.359618	0.722939	-1.38324	4.66527	8.76619	1.67025	1
cg18994744	OZD2	0.0222739	0.699583	1.10394	1.10394	0.0949238	2.31182	2.31182	0.242942	1.81571	1.81571	0.699558	1.10395	1.10395	0.00421808	0.376429	-2.65654	0.147008	1.48717	1.48717	0.139289	1.50045	1.50045	0.359728	1.01491	1.01491	0.39831	1.24674	1.24674	5.43644	4.67048	0.915518	1
cg10547925	OZD2	0.0218172	0.0166331	0.494868	-2.01974	0.0297334	0.727215	-1.37511	0.807064	0.944144	0.660756	0.494597	-1.51522	0.00162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	0.0162295	0.0154978	-6.45097	0.0162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	0.0162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	1
cg08577341	OZD2	0.0241829	0.204968	1.22982	1.22982	0.0959838	1.98234	1.98234	0.0232571	1.67628	1.67628	0.810025	0.955167	-1.04694	0.34282	0.810934	-1.20459	0.823373	0.958315	-1.0435	0.0162422	0.571298	-1.7504	0.157231	1.33389	1.33389	0.174877	1.3163	1.3163	5.40779	2.53237	0.510685	1
cg22554488	OZD2	0.0245645	0.0079204	0.123733	-8.08189	0.148987	0.492383	-2.031	0.0193855	0.374167	-2.67133	0.0140871	0.159951	-6.25119	0.215854	0.45494	-2.19857	0.0559568	0.276447	-3.61733	0.0411837	0.240584	-4.15605	0.0178169	0.0324493	0.273944	-4.54562	0.0238612	0.195792	-5.10545	5.69574	32.9994	5.14996	1
cg16656232	OZD2	0.0120237	0.0939557	0.61753	0.61753	0.00047537	0.32057	0.32057	0.20608	1.38875	1.38875	0.255866	0.787621	-1.26965	0.891822	0.02783	1.02783	0.37911	1.00754	1.00754	0.0014005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg10103595	OZD2	0.012515	0.0843892	0.530468	-1.88513	0.34591	1.38039	1.38039	0.207615	0.64321	-1.5547	0.841485	0.93646	-1.06785	0.02515309	0.412957	-2.42156	0.0735962	0.515607	-1.93946	0.00653254	0.309263	-3.23349	0.00525139	0.39572	3.39572	0.151749	0.600491	-1.6653	5.4979	9.60337	1.55265	1
cg06793849	OZD2	0.00458946	0.0846229	-11.8172	0.0218228	0.186056	-5.3014	0.468801	0.837882	-1.19428	0.132447	0.661107	-1.51262	0.00410264	0.0800792	-12.3492	0.0906183	0.0206063	0.448388	-2.23014	0.153249	-6.53052	0.0883765	0.11324	-8.84532	0.0343149	0.198707	-5.01255	5.02568	34.0048	6.03033	1
cg23167425	OZD2	0.0195161	0.883036	0.969588	-1.03137	0.0122949	0.370978	-2.69558	0.0127251	0.544204	-1.83754	0.181671	0.742717	-1.34641	0.857526	0.10842	1.10842	0.169314	1.36338	1.36338	0.484505	1.13475	1.13475	0.14383	2.74277	1.13475	0.14383	3.3067	0.619603	1
cg28462380	OZD2	0.0219395	0.235246	-4.25306	0.0822605	0.901408	1.02401	0.0300859	0.57002	-1.75402	0.460929	0.25735	0.54314	-1.84077	0.117307	0.424525	-2.35496	0.0300913	0.512164	-1.95284	0.0260114	0.193988	-5.1594	0.0210264	0.475505	0.844299	0.295129	-3.38835	0.1310022	0.591644	-1.69071	5.55305	4.3272	0.708195	1
cg19383686	OZD2	0.0204992	0.625453	0.844129	-1.18465	0.198919	0.626521	-1.59612	0.478826	0.780361	-1.28145	0.496611	0.7884	-1.26839	0.00524258	0.55502	1.55502	0.169303	0.603895	-1.65592	0.0039001	0.262268	-3.81289	0.0669224	0.4929	-2.02881	0.359618	0.722939	-1.38324	4.66527	8.76619	1.67025	1
cg18994744	OZD2	0.0222739	0.699583	1.10394	1.10394	0.0949238	2.31182	2.31182	0.242942	1.81571	1.81571	0.699558	1.10395	1.10395	0.00421808	0.376429	-2.65654	0.147008	1.48717	1.48717	0.139289	1.50045	1.50045	0.359728	1.01491	1.01491	0.39831	1.24674	1.24674	5.43644	4.67048	0.915518	1
cg10547925	OZD2	0.0218172	0.0166331	0.494868	-2.01974	0.0297334	0.727215	-1.37511	0.807064	0.944144	0.660756	0.494597	-1.51522	0.00162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	0.0162295	0.0154978	-6.45097	0.0162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	0.0162295	0.0154978	-6.45097	-1.25823	0.0147753	0.325001	3.07564	1
cg08577341	OZD2	0.0241829	0.204968	1.22982	1.22982	0.0959838	1.98234	1.98234	0.0232571	1.67628	1.67628	0.810025	0.955167	-1.04694	0.34282	0.810934	-1.20459	0.823373	0.958315	-1.0435	0.0162422	0.571298	-1.7504	0.157231	1.33389	1.33389	0.174877	1.3163	1.3163	5.40779	2.53237	0.510685	1
cg22554488	OZD2	0.0245645	0.0079204	0.123733	-8.08189	0.148987	0.492383	-2.031	0.0193855	0.374167	-2.67133	0.0140871	0.159951	-6.25119	0.215854	0.45494	-2.19857	0.0559568	0.276447	-3.61733	0.0411837	0.240584	-4.15605	0.0178169	0.0324493	0.273944	-4.54562	0.0238612	0.195792	-5.10545	5.69574	32.9994	5.14996	1
cg16656232	OZD2	0.0120237	0.0939557	0.61753	0.61753	0.00047537	0.32057	0.32057	0.20608	1.38875	1.38875	0.255866	0.787621	-1.26965	0.891822	0.02783	1.02783	0.37911	1.00754	1.00754	0.0014005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00103595	OZD2	0.012515	0.0843892	0.530468	-1.88513	0.34591	1.38039	1.38039	0.207615	0.64321	-1.5547	0.841485	0.93646	-1.06785	0.02515309	0.412957	-2.42156	0.0735962	0.515607	-1.93946	0.00653254	0.309263	-3.23349	0.00525139	0.39572	3.39572	0.151749	0.600491	-1.6653	5.4979	9.60337	1.55265	1
cg06793849	OZD2	0.00458946	0.0846229	-11.8172	0.0218228	0.186056	-5.3014	0.468801	0.837882	-1.19428	0.132447	0.661107	-1.51262	0.00410264	0.0800792	-12.3492	0.0906183	0.0206063	0.448388	-2.23014	0.153249	-6.53052	0.0883765	0.11324	-8.84532	0.0343149	0.198707	-5.01255	5.02568	34.0048	6.03033	1
cg23167425	OZD2	0.0195161	0.883036	0.969588	-1.03137	0.0122949	0.370978	-2.69558	0.0127251	0.544204	-1.83754	0.181671	0.742717	-1.34641	0.857526	0.10842	1.10842	0.169314	1.36338	1.36338	0.484505	1.13475	1.13475	0.14383	2.74277	1.13475	0.14383	3.3067	0.619603	1
cg28462380	OZD2	0.0219395	0.235246	-4.25306	0.0822605	0.901408	1.02401	0.0300859	0.57002	-1.75402	0.460929	0.25735	0.54314	-1.84077	0.117307	0.424525	-2.35496	0.0300913	0.512164	-1.95284	0.0260114	0.193988	-5.1594	0.0210264	0.475505	0.844299	0.295129	-3.38835	0.1310022	0.591644	-1.69071	5.55305	4.3272	0.708195	1
cg19383686	OZD2	0.0204992	0.625453	0.844129	-1.18465	0.198919	0.626521	-1.59612	0.478826	0.780361	-1.28145	0.496611	0.7884	-1.26839	0.00524258	0.55502	1.55502	0.169303	0.603895	-1.65592	0.0039001	0.262268	-3.81289	0.0669224	0.4929	-2.02881	0.359618	0.722939	-1.38324	4.66527	8.76619	1.67025	1
cg18994744	OZD2	0.0222739	0.699583	1.10394	1.10394	0.0949238	2.31182	2.31182	0.242942	1.81571	1.81571	0.699558	1.10395	1.10395	0.00421808	0.376429	-2.65654	0.147008	1.48717	1.48717	0.139289	1.50045	1.50045	0.359728	1.01491	1.01491	0.39831	1.24674	1.24674	5.43644	4.67048	0.915518	1
cg10547925	OZD2	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23371683	OGFR	0.00563207	0.109644	0.827016	-1.20917	0.000232884	0.514315	-1.94433	0.014411	0.720057	-1.38878	0.655602	0.952291	-1.0501	0.00301862	0.642275	-1.55697
cg05586622	OGFR	0.00912975	0.163633	0.803532	-1.24451	0.860996	1.02612	1.02612	0.0187076	1.5209	1.5209	0.725849	1.05317	1.05317	0.421501	1.12843	1.12843
cg15262992	OGFR	0.0153111	0.0386946	0.621157	-1.6099	0.0187539	1.76195	1.76195	0.0568751	1.5351	1.5351	0.295685	1.24069	1.24069	0.100894	0.69954	-1.42951
cg08525481	OGFR	0.0484674	0.392348	0.863696	-1.15781	0.169999	0.783174	-1.27686	0.297192	0.834664	-1.19809	0.958962	0.991432	-1.00864	0.0380477	1.49499	1.49499
cg06425593	OGFRL1	0.00619735	0.0297814	0.546632	-1.82938	0.000249767	0.239976	-4.16709	0.151455	0.695592	-1.43763	0.413906	0.820975	-1.21806	0.340979	0.793145	-1.2608
cg04712004	OGFRL1	0.0257387	0.413275	0.88561	-1.12917	0.837959	0.970698	-1.03019	0.0141521	1.55224	1.55224	0.102017	0.771102	-1.29684	0.802838	1.037	1.037
cg17984932	OGFRL1	0.0336822	0.593131	0.885089	-1.12983	0.41507	1.2075	1.2075	0.0404596	1.70853	1.70853	0.600548	0.887293	-1.12702	0.444041	1.19317	1.19317
cg20782816	OGG1;CAMK1;OGG1;OGG1;OGG1;OGG1	0.000299438	0.0104334	0.555445	-1.80036	0.643614	1.08867	1.08867	0.585083	1.10576	1.10576	0.199682	1.28027	1.28027	0.591134	1.10394	1.10394
cg12684175	OGG1;CAMK1;OGG1;OGG1;OGG1;OGG1	0.00178237	0.794198	0.961732	-1.03979	5.60E-05	3.05813	3.05813	0.0154361	1.55825	1.55825	0.0896845	1.32212	1.32212	0.0950702	0.760514	-1.3149
cg17285536	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.00128298	0.000818971	0.294283	-3.39809	0.0854457	1.58587	1.58587	0.0854511	1.58585	1.58585	0.925491	1.02295	1.02295	0.00367925	0.385854	-2.59165
cg19391888	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.00329368	0.0611085	1.62993	1.62993	0.0458703	1.69856	1.69856	0.00091768	3.14766	3.14766	0.00530428	2.34098	2.34098	0.000986271	3.1068	3.1068
cg15357639	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.00337347	0.210487	1.25493	1.25493	0.00144896	2.20769	2.20769	0.428545	1.14922	1.14922	0.112907	1.34573	1.34573	0.405671	0.863809	-1.15766
cg05439191	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.00476914	0.436146	0.867442	-1.15281	0.00841138	0.547461	-1.82661	0.808084	0.957375	-1.04452	0.268945	1.22887	1.22887	0.974472	0.994289	-1.00574
cg25207828	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.0080908	0.0750629	1.43917	1.43917	0.00225084	2.19317	2.19317	0.00452914	2.00304	2.00304	0.0213385	1.6621	1.6621	0.809235	0.956553	-1.04542
cg25415932	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.00928097	0.0321441	1.95816	1.95816	0.0352876	1.92792	1.92792	0.00130095	3.5046	3.5046	0.00818363	2.47455	2.47455	0.116453	1.57894	1.57894
cg06268702	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.0118761	0.0248627	0.762371	-1.3117	0.0493258	1.25603	1.25603	0.0108642	1.38396	1.38396	0.0180939	0.747002	-1.33868	0.0380379	0.783211	-1.2768
cg05574065	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.0499646	0.986895	0.997596	-1.00241	0.715555	1.0551	1.0551	0.0617602	1.36117	1.36117	0.0381982	0.703218	-1.42203	0.571343	0.919577	-1.08746
cg04595053	OGT;BCYRN1;OGT	0.0017216	0.00353616	0.248641	-4.02186	0.000615361	0.156276	-6.39893	0.00201001	0.21564	-4.63737	0.00613037	0.283986	-3.5213	0.000483297	0.14568	-6.86437
cg10916556	OGT;OGT;BCYRN1	0.000119456	0.106293	0.85695	-1.16693	0.104907	1.16778	1.16778	1.27E-05	0.447872	-2.23278	0.326133	0.915087	-1.09279	?	?	?
cg11269793	OGT;OGT;BCYRN1	0.000868259	0.199169	0.813328	-1.22952	0.392123	1.14286	1.14286	0.784203	0.959054	-1.04269	0.304441	1.17584	1.17584	1.40E-05	0.251595	-3.97464
cg24780185	OIT3	0.0011634	0.28384	1.18209	1.18209	0.0455875	1.41118	1.41118	0.000873584	0.472341	-2.11711	0.00180833	0.513472	-1.94753	0.391984	0.876547	-1.14084
cg16502879	OIT3	0.0032785	0.13282	0.695594	-1.43762	0.225831	0.752254	-1.32934	0.435146	0.836757	-1.19509	0.136286	1.4323	1.4323	0.313092	0.791729	-1.26306
cg16524791	OIT3	0.00637427	0.407694	0.706126	-1.41618	0.523619	0.766775	-1.30416	0.0594995	0.417319	-2.39625	0.846192	0.923309	-1.08306	0.000647549	0.116531	-8.58141
cg04671941	OIT3	0.0389694	0.109093	0.630926	-1.58497	0.0317104	0.514909	-1.94209	0.0315733	0.514543	-1.94347	0.320957	0.763155	-1.31035	0.149414	0.665346	-1.50298
cg05998983	OIT3;OIT3	0.0332271	0.03415	0.42613	-2.3467	0.010989	0.332531	-3.00724	0.0103043	0.327761	-3.051	0.149624	0.586792	-1.70418	0.122725	0.561533	-1.78084
cg18390683	OLA1;OLA1	0.00307584	0.540328	0.840286	-1.19007	0.0871395	1.69936	1.69936	0.797457	0.930352	-1.07486	0.0489655	0.532032	-1.87959	0.00402093	0.337961	-2.95892
cg20795500	OLA1;OLA1	0.00468941	0.0589029	0.690045	-1.44918	0.000174906	0.330443	-3.02624	0.746343	1.05807	1.05807	0.68691	0.93196	-1.07301	0.00103923	0.429748	-2.32694
cg09579094	OLA1;OLA1	0.011406	0.0397694	0.450929	-2.21764	0.0254366	0.410719	-2.43475	0.0460351	0.464869	-2.15114	0.282939	0.688127	-1.45322	0.000382149	0.149554	-6.68657
cg04805229	OLA1;OLA1	0.0323054	0.312875	0.903473	-1.10684	0.0223171	1.30508	1.30508	0.0434251	1.25339	1.25339	0.0177031	1.3238	1.3238	0.106728	1.1868	1.1868
cg25492727	OLA1;OLA1	0.0355408	0.00844518	0.584856	-1.70982	0.154725	1.27497	1.27497	0.112142	1.31771	1.31771	0.253289	0.826715	-1.20961	0.682808	0.936571	-1.06772
cg27465849	OLAH;OLAH	0.00168249	0.000512234	0.18802	-5.31859	0.000580102	0.194067	-5.15287	0.0018018	0.254705	-3.92611	0.0559948	0.513284	-1.94824	0.00382909	0.30087	-3.3237
cg04762351	OLAH;OLAH	0.0106013	0.171747	0.397686	-2.51454	0.00783912	0.115009	-8.69498	0.0992162	0.318067	-3.14399	0.799683	0.851153	-1.17488	0.0035388	0.0816091	-12.2535
cg04001802	OLAH;OLAH	0.0259591	0.655028	0.792414	-1.26197	0.562996	1.35331	1.35331	0.364256	0.617313	-1.61992	0.0103288	0.187925	-5.32127	0.000966346	0.0787164	-12.7038
cg14549951	OLFM1	0.000240483	0.0182335	1.64686	1.64686	0.000104037	0.302854	-3.30192	0.00176639	0.460567	-2.17124	0.758343	0.9477	-1.05519	0.00147774	2.22219	2.22219
cg00948900	OLFM1	0.000560533	0.308816	1.26862	1.26862	0.00142378	2.8364	2.8364	0.00104887	2.99032	2.99032	0.00227712	2.62228	2.62228	0.00339435	0.406697	-2.45883
cg14233821	OLFM1	0.00249483	0.544818	1.19766	1.19766	0.905333	1.03563	1.03563	0.019147	0.434163	-2.30328	0.508516	1.21823	1.21823	0.00133931	0.253624	-3.94284
cg14147184	OLFM1	0.0170747	0.200773	2.67735	2.67735	0.00226115	22.5135	22.5135	0.00441153	15.9566	15.9566	0.241076	2.44592	2.44592	0.0805821	0.243551	-4.10591
cg01049133	OLFM1	0.018218	0.997015	0.998979	-1.00102	0.0269114	2.0454	2.0454	0.00670152	2.61232	2.61232	0.0212541	2.1299	2.1299	0.0414362	0.526162	-1.90056
cg05392169	OLFM1	0.0191485	0.846412	1.05936	1.05936	0.00227224	0.280972	-3.55907	0.0398082	0.493264	-2.02731	0.891359	1.04147	1.04147	0.205	1.48833	1.48833
cg13811667	OLFM1	0.0441185	0.67598	1.04924	1.04924	0.621628	0.944705	-1.05853	0.154868	1.19015	1.19015	0.149185	1.19346	1.19346	0.456828	1.09051	1.09051
cg13914893	OLFM1;OLFM1	0.00249853	0.00206568	6.69228	6.69228	0.0017969	6.99978	6.99978	0.215215	1.77105	1.77105	0.942287	1.03223	1.03223	0.0747984	2.38571	2.38571
cg08268099	OLFM1;OLFM1	0.0117864	0.0397261	0.526549	-1.89916	0.700109	1.11004	1.11004	0.969037	0.989585	-1.01052	0.369773	0.780009	-1.28204	0.00125851	0.28079	-3.56138
cg21222830	OLFM1;OLFM1	0.0154236	0.251229	0.681785	-1.46674	0.485392	0.797303	-1.25423	0.131063	0.593969	-1.68359	0.192628	1.55365	1.55365	0.0667637	0.518536	-1.9285
cg15829006	OLFM1;OLFM1	0.0311856	0.00636856	0.699721	-1.42914	0.0342783	1.28191	1.28191	0.0253697	1.30637	1.30637	0.920474	1.01009	1.01009	0.770604	0.971026	-1.02984
cg14333779	OLFM1;OLFM1	0.0312581	0.122563	2.73493	2.73493	0.00139304	16.2	16.2	0.0152849	5.99411	5.99411	0.195884	2.276	2.276	0.542188	1.44917	1.44917
cg03590492	OLFM1;OLFM1	0.0386732	0.00531367	0.278576	-3.58969	0.142872	0.578145	-1.72967	0.0709664	0.495634	-2.01762	0.421049	0.75126	-1.3311	0.0101437	0.323571	-3.09052
cg13451082	OLFM1;OLFM1	0.0393078	0.355572	1.593	1.593	0.21871	1.88484	1.88484	0.509145	0.720269	-1.38837	0.162283	0.481413	-2.07722	0.895535	0.937661	-1.06648
cg13683280	OLFM1;OLFM1	0.0411921	0.311342	0.837359	-1.19423	0.814716	0.960998	-1.04058	0.122792	1.32757	1.32757	0.558184	1.10556	1.10556	0.0714701	0.710975	-1.40652
cg00747647	OLFM2	0.00139727	0.471747	0.845427	-1.18283	0.0138571	0.497798	-2.00885	0.914777	0.975744	-1.02486	0.0128326	2.03174	2.03174	0.209175	0.738122	-1.35479
cg06159220	OLFM2	0.00173597	0.0207982	0.612297	-1.63319	0.043009	1.50756	1.50756	0.225907	1.25129	1.25129	0.15124	0.762534	-1.31142	0.0168737	0.598162	-1.67179
cg07742633	OLFM2	0.00504207	0.965905	0.995458	-1.00456	0.000447828	0.554479	-1.80349	0.0399004	0.776484	-1.28786	0.0368031	1.29477	1.29477	0.0108061	0.711056	-1.40636
cg25820479	OLFM2	0.00703098	0.0155849	0.57017	-1.75386	0.000709329	0.376379	-2.6569	0.02522	0.604013	-1.65559	0.848987	0.964533	-1.03677	0.015784	0.571046	-1.75117
cg06911487	OLFM2	0.010794	0.857084	0.978322	-1.02216	0.0782293	1.26854	1.26854	0.00381788	1.60677	1.60677	0.195279	1.18121	1.18121	0.956115	0.993332	-1.00671
cg13455326	OLFM2	0.0137646	0.507405	0.877632	-1.13943	0.0118272	0.543338	-1.84048	0.330913	0.823074	-1.21496	0.165274	1.33276	1.33276	0.0459886	1.55873	1.55873
cg00208967	OLFM2	0.0145007	0.0294854	0.577951	-1.73025	0.00100489	0.351979	-2.84108	0.0645336	0.641405	-1.55908	0.109293	1.45272	1.45272	0.174903	0.734491	-1.36149
cg16039342	OLFM2	0.021929	0.0618215	0.706637	-1.41515	0.530737	1.11053	1.11053	0.0260223	1.54674	1.54674	0.159196	1.28197	1.28197	0.0798181	0.725468	-1.37842
cg03833077	OLFM2	0.022072	0.329382	0.767084	-1.30364	0.687049	0.898811	-1.11258	0.7855	0.93066	-1.07451	0.00403801	0.361597	-2.76551	0.119629	0.640932	-1.56023
cg15454552	OLFM2	0.033445	0.213916	1.4808	1.4808	0.0102345	2.64084	2.64084	0.999634	1.00014	1.00014	0.125302	1.64497	1.64497	0.570124	0.841838	-1.18788
cg26153497	OLFM2	0.0406461	0.724464	0.901349	-1.10945	0.0495178	0.518051	-1.93031	0.0499541	0.51888	-1.92723	0.0860232	0.573088	-1.74493	0.0717415	0.554312	-1.80404
cg11587925	OLFM2	0.0420078	0.664739	0.907046	-1.10248	0.0370888	0.581812	-1.71877	0.862455	1.03956	1.03956	0.00146177	0.357655	-2.79599	0.0300776	0.565063	-1.76971
cg06549128	OLFM2	0.0499251	0.982836	0.997408	-1.0026	0.232931	0.859916	-1.1629	0.0171319	1.41989	1.41989	0.870787	0.980549	-1.01984	0.463242	1.09427	1.09427
cg09180564	OLFM3	0.00428854	0.0264346	2.63622	2.63622	0.000527052	7.30937	7.30937	0.935545	0.97065	-1.03024	0.185316	1.67755	1.67755	0.35427	1.4205	1.4205
cg23631062	OLFM3	0.0140985	0.246974	1.39174	1.39174	0.0411411	1.92239	1.92239	0.00111208	4.01234	4.01234	0.00882283	2.56053	2.56053	0.468319	1.22218	1.22218
cg09801936	OLFM3;OLFM3	0.00463642	0.684216	0.959109	-1.04263	0.43126	1.08548	1.08548	0.458085	1.0802	1.0802	0.561964	1.0617	1.0617	0.716548	0.963455	-1.03793
cg02861071	OLFM3;OLFM3	0.0283886	0.00388022	0.455426	-2.19575	0.0190196	1.77563	1.77563	0.0240337	1.72344	1.72344	0.861791	1.03587	1.03587	0.717588	1.07622	1.07622
cg01098981	OLFM4	0.0372127	0.331544	0.780586	-1.28109	0.0115924	0.458239	-2.18227	0.103686	0.644042	-1.55269	0.022706	0.509483	-1.96277	0.212926	1.38312	1.38312
cg07692929	OLFML1	0.000543375	0.0400944	0.481641	-2.07623	0.00227871	0.2687	-3.72162	0.000432565	0.180111	-5.55214	0.544976	0.82806	-1.20764	2.99E-05	0.0807507	-12.3838
cg03492000	OLFML1	0.000892371	0.492961	0.838208	-1.19302	0.531288	0.851515	-1.17438	0.000942279	0.286422	-3.49135	0.000225707	0.211234	-4.73408	0.00211513	0.334426	-2.9902
cg05342138	OLFML1	0.00176623	0.603873	0.853812	-1.17122	0.000362786	0.178011	-5.61762	0.120339	0.60125	-1.6632	0.00502455	0.326087	-3.06666	0.000108815	0.127618	-7.83591
cg21775176	OLFML1	0.00763393	0.921978	1.01876	1.01876	0.0712712	0.682285	-1.46566	0.000171885	0.2978	-3.35796	0.109832	0.718376	-1.39203	0.839373	1.03926	1.03926
cg26076854	OLFML1	0.00891356	0.366952	0.874974	-1.14289	0.119606	1.27554	1.27554	0.000883803	0.487682	-2.05051	0.580502	0.922709	-1.08377	0.453267	0.895746	-1.11639
cg22243733	OLFML1	0.0277039	0.263035	1.27572	1.27572	0.599326	0.895269	-1.11698	0.507262	0.869015	-1.15073	0.0419218	0.613081	-1.63111	0.798035	1.05497	1.05497
cg07782221	OLFML1	0.0278508	0.0869576	0.553657	-1.80617	0.0140834	0.387566	-2.58021	0.00139624	0.235019	-4.25497	0.100816	0.570007	-1.75437	0.171418	0.634183	-1.57683
cg24266651	OLFML1;OLFML1	0.0180286	0.0948644	0.753799	-1.32661	0.015838	0.634406	-1.57628	0.359838	1.15599	1.15599	0.909509	0.982646	-1.01766	0.549377	0.910944	-1.09776
cg14291225	OLFML2A	0.000235321	0.00175665	0.693756	-1.44143	0.0154884	0.783823	-1.2758	0.0585784	0.839248	-1.19154	0.0152798	0.783266	-1.2767	0.0914877	1.16465	1.16465
cg26014373	OLFML2A	0.000319839	0.114237	0.785853	-1.2725	0.00273384	0.559807	-1.78633	0.000489174	0.464747	-2.15171	0.100041	0.776643	-1.28759	0.240365	0.841622	-1.18818
cg19915050	OLFML2A	0.000761166	0.000245858	0.593651	-1.68449	0.32498	1.09144	1.09144	0.0771533	1.18433	1.18433	0.750795	0.972942	-1.02781	0.15322	0.87663	-1.14073
cg25574769	OLFML2A	0.00119512	0.850224	0.964353	-1.03696	0.523891	0.883358	-1.13204	0.129141	0.729892	-1.37007	0.24461	0.791584	-1.26329	0.0582844	0.663068	-1.50814
cg13662628	OLFML2A	0.00135681	0.629191	0.904461	-1.10563	0.00133799	0.382054	-2.61743	0.355885	0.82202	-1.21651	0.37376	1.20735	1.20735	0.957087	1.01117	1.01117
cg00375250	OLFML2A	0.00189224	0.00579075	0.675753	-1.47983	0.0025796	1.57294	1.57294	0.187954	1.16331	1.16331	0.127907	0.836565	-1.19536	0.415736	0.91376	-1.09438
cg05554161	OLFML2A	0.0146762	0.00674392	0.528967	-1.89048	0.417506	0.86052	-1.16209	0.0956066	0.717551	-1.39363	0.00974828	0.552856	-1.80879	0.00298356	0.477775	-2.09304
cg18506679	OLFML2A	0.0335866	0.643865	0.938939	-1.06503	0.179349	0.824455	-1.21292	0.890591	1.0188	1.0188	0.809086	1.0333	1.0333	0.00737397	1.59569	1.59569
cg02900990	OLFML2B	2.78E-05	0.0560005	0.749782	-1.33372	7.29E-05	0.382869	-2.61186	8.97E-06	0.278064	-3.5963	0.900716	1.01674	1.01674	8.67E-06	0.276471	-3.61702
cg19130550	OLFML2B	0.0066537	0.0169785	0.637048	-1.56974	0.0305277	0.674548	-1.48247	0.000848658	0.459882	-2.17447	0.439794	1.12979	1.12979	0.0267076	0.665873	-1.50179
cg12585910	OLFML2B	0.00809132	0.00474924	0.420886	-2.37594	0.0229223	0.533631	-1.87395	0.126384	0.682752	-1.46466	0.000497002	0.284312	-3.51726	0.00354479	0.401662	-2.48966
cg22803322	OLFML2B	0.00921299	0.0162761	0.589524	-1.69628	0.122066	0.739775	-1.35176	0.0702054	0.694863	-1.43913	0.0775457	0.702663	-1.42316	0.000246839	0.336622	-2.97069
cg07122893	OLFML2B	0.0492023	0.0594482	2.86923	2.86923	0.446365	1.46894	1.46894	0.220978	1.89163	1.89163	0.200428	1.95428	1.95428	0.318526	0.60004	-1.66656
cg11157816	OLFML3	0.000469247	0.00411632	0.306131	-3.26658	1.39E-05	0.0614966	-16.2611	0.000574698	0.194108	-5.15176	0.177834	0.643745	-1.55341	0.00491414	0.317824	-3.1464
cg22020227	OLFML3	0.000720473	0.000862841	0.284936	-3.50956	0.00981258	0.440702	-2.26911	0.0151307	0.472772	-2.11519	0.858382	1.04585	1.04585	0.000304383	0.229255	-4.36195
cg26824174	OLFML3	0.000755744	0.000475519	0.261377	-3.82589	0.00210358	0.34721	-2.8801	0.22291	0.731089	-1.36782	0.344982	1.26856	1.26856	0.00365636	0.382395	-2.6151
cg13393917	OLFML3	0.0146	0.954766	1.0148	1.0148	0.297678	1.32268	1.32268	0.450249	1.22053	1.22053	0.217897	1.399	1.399	0.183867	0.694055	-1.44081
cg12160664	OLFML3	0.0305276	0.0630668	0.409938	-2.43939	0.603649	0.799805	-1.2503	0.567535	0.781567	-1.27948	0.448659	1.39002	1.39002	0.391395	0.687606	-1.45432
cg21229268	OLIG1	0.000421748	0.110691	1.60968	1.60968	0.840853	1.05661	1.05661	0.271411	1.36832	1.36832	0.878164	1.04291	1.04291	0.691758	0.896602	-1.11532
cg04351905	OLIG1	0.0067596	0.00306176	0.294957	-3.39033	0.00240896	0.280118	-3.56992	0.00932082	0.37049	-2.69913	0.150675	0.62894	-1.58998	0.00538245	0.331812	-3.01376
cg27237300	OLIG1	0.0160472	0.0436112	0.2971	-3.36587	0.341973	0.599158	-1.66901	0.9873	1.00836	1.00836	0.000468906	0.0563366	-17.7505	0.539112	1.38444	1.38444
cg17869426	OLIG1	0.0387923	0.337479	1.40328	1.40328	0.156379	1.68118	1.68118	0.234655	1.5324	1.5324	0.00308469	0.249632	-4.0059	0.0553748	0.475165	-2.10453
cg21569006	OLIG1;OLIG1	0.015926	0.697384	0.935735	-1.06868	0.010411	0.577908	-1.73038	0.00651886	0.548309	-1.82379	0.606232	1.09241	1.09241	0.78715	1.04708	1.04708
cg23253569	OLIG2	6.08E-05	0.641212	0.889607	-1.12409	0.0170636	2.11141	2.11141	?	?	?	3.74E-05	0.110082	-9.08414	0.119919	0.653505	-1.53021
cg27357571	OLIG2	0.00146954	0.268382	1.67474	1.67474	0.451224	0.710214	-1.40803	0.162354	0.511795	-1.95391	0.941023	0.967643	-1.03344	0.0172234	0.264089	-3.7866
cg11950383	OLIG2	0.00256242	0.255931	1.27222	1.27222	0.0010687	2.66852	2.66852	0.000998239	2.69739	2.69739	0.288589	1.25065	1.25065	0.944455	0.985954	-1.01425
cg05238769	OLIG2	0.00267125	0.92632	0.95239	-1.04999	0.405326	1.56919	1.56919	0.959795	0.973765	-1.02694	0.306595	0.570541	-1.75272	8.94E-05	0.0168466	-59.3592
cg02858594	OLIG2	0.00641544	0.0112133	0.630875	-1.5851	0.00143419	1.95081	1.95081	0.0337253	1.43259	1.43259	0.363749	1.14489	1.14489	0.0741663	0.749421	-1.33436
cg27254482	OLIG2	0.0198841	0.460841	1.26609	1.26609	0.999135	0.999659	-1.00034	0.00298409	3.59717	3.59717	0.370371	1.33518	1.33518	0.470981	0.794182	-1.25916
cg10217445	OLIG2	0.0357254	0.683277	1.06711	1.06711	0.00218907	0.506459	-1.97449	0.535206	0.905349	-1.10455	0.232594	1.21922	1.21922	0.909652	0.982186	-1.01814
cg16713743	OLIG2	0.0452776	0.0729068	0.365904	-2.73296	0.0793008	2.66178	2.66178	0.103351	2.44816	2.44816	0.126724	2.29373	2.29373	0.0860526	0.385474	-2.59421
cg14293300	OLIG2	0.0481447	0.633223	1.08928	1.08928	0.00575355	1.90369	1.90369	0.0118868	1.74807	1.74807	0.401491	0.858349	-1.16503	0.396616	1.16697	1.16697
cg08684663	OLR1	0.0180595	0.700739	0.859109	-1.164	0.00452084	0.225846	-4.4278	0.0688657	0.449028	-2.22703	0.118883	0.513946	-1.94573	0.00122211	0.155585	-6.42735
cg12203957	OLR1	0.0440542	0.756249	1.06716	1.06716	0.28625	0.793595	-1.26009	0.481422	0.861239	-1.16112	0.27836	0.790331	-1.26529	0.286163	1.26014	1.26014
cg23211736	OMA1	0.00716488	0.0397314	0.507457	-1.97061	0.405866	0.784591	-1.27455	0.116108	1.62771	1.62771	0.271474	0.721385	-1.38622	0.0394711	0.506866	-1.97291
cg16661813	OMA1;OMA1	0.0223938	0.731265	1.14262	1.14262	0.298483	1.52442	1.52442	0.624402	1.21059	1.21059	?	?	?	0.267762	1.57218	1.57218
cg00796231	OMA1;OMA1	0.0305241	0.278932	0.762593	-1.31132	0.704262	1.09616	1.09616	0.00349568	2.59587	2.59587	0.854948	1.04504	1.04504	0.0137672	0.480392	-2.08163
cg21409895	OMA1;OMA1	0.0410261	0.371413	0.840937	-1.18915	0.753595	1.06124	1.06124	0.192251	0.77064	-1.29762	0.270854	0.805417	-1.24159	0.168502	0.758069	-1.31914
cg10169364	OMP;CAPN5	0.000320723	0.0522917	0.713885	-1.40079	5.33E-05	0.316167	-3.16289	0.00273656	0.531818	-1.88034	0.208247	0.816617	-1.22456	1.65E-05	0.258504	-3.86841
cg20012366	OMP;CAPN5	0.0340682	0.018305	0.456465	-2.19075	0.00922148	0.404442	-2.47254	0.0295292	0.495656	-2.01753	0.104701	0.615276	-1.62529	0.0151983	0.4419	-2.26296
cg12561924	ONECUT1	8.77E-07	0.292554	0.876532	-1.14086	0.0795198	0.790667	-1.26476	8.80E-09	17.1386	17.1386	0.488915	1.08855	1.08855	0.0291244	1.36385	1.36385
cg14811102	ONECUT1	9.67E-07	0.925406	1.0123	1.0123	0.190622	1.19834	1.19834	1.33E-06	5.03193	5.03193	0.175458	1.20696	1.20696	0.195161	0.836198	-1.19589
cg23206209	ONECUT1	0.000189878	0.279069	0.7744	-1.29132	0.0275595	0.553225	-1.80758	0.016325	1.94847	1.94847	5.83E-05	5.42977	5.42977	0.200508	1.35959	1.35959
cg26918375	ONECUT1	0.000213072	0.295327	0.824768	-1.21246	0.00385545	1.99613	1.99613	2.22E-05	4.53225	4.53225	0.529988	1.11956	1.11956	?	?	?
cg26158897	ONECUT1	0.00105671	0.140241	0.664818	-1.50417	0.956983	0.986218	-1.01397	0.0101252	2.30396	2.30396	0.904123	1.03149	1.03149	0.107344	0.63624	-1.57173
cg19611809	ONECUT1	0.00180611	0.00682423	2.02061	2.02061	0.000140313	3.74131	3.74131	0.0833422	0.680629	-1.46923	0.225874	1.29079	1.29079	0.802065	1.05171	1.05171
cg17500265	ONECUT1	0.00183876	0.912583	1.02613	1.02613	0.716914	1.08928	1.08928	0.00944292	2.16533	2.16533	0.582435	0.877734	-1.1393	0.0161596	1.99588	1.99588
cg07361017	ONECUT1	0.00471504	0.854078	1.04918	1.04918	0.00157684	0.30623	-3.26552	0.000776324	0.265488	-3.76665	0.971318	1.00942	1.00942	0.51435	0.841621	-1.18818
cg16203125	ONECUT1	0.0087219	0.077476	0.556098	-1.79824	0.0227625	2.25923	2.25923	0.0571465	1.90311	1.90311	0.842657	0.942307	-1.06123	0.0214732	0.437796	-2.28417
cg06657050	ONECUT1	0.00944103	0.00413928	0.174837	-5.71962	0.00180641	0.133611	-7.48442	0.0574401	2.65057	2.65057	0.40105	0.677126	-1.47683	0.198966	0.540264	-1.85095
cg02746187	ONECUT1	0.0122982	0.485318	0.851896	-1.17385	0.504684	1.16537	1.16537	0.000202456	4.09186	4.09186	0.383651	0.817136	-1.22379	0.353256	0.805793	-1.24101
cg23063243	ONECUT1	0.0264482	0.0355169	3.80665	3.80665	0.0259125	0.235923	-4.23867	0.525693	1.42077	1.42077	0.0280116	4.12728	4.12728	0.533037	0.70834	-1.41175
cg24495684	ONECUT1	0.0279951	0.332506	0.806057	-1.24061	0.131682	1.42041	1.42041	0.00248113	2.47691	2.47691	0.867628	0.964664	-1.03663	0.474749	1.16972	1.16972
cg25548986	ONECUT1	0.0347491	0.0559761	0.287303	-3.48065	0.00646441	0.130049	-7.68944	0.0898145	0.34052	-2.93669	0.849621	1.11555	1.11555	0.139166	0.399724	-2.50173
cg14217069	ONECUT1	0.0447043	0.0237173	4.56083	4.56083	0.777706	0.852931	-1.17243	0.623636	1.32046	1.32046	0.0122495	0.173111	-5.77662	0.112278	0.3784	-2.64271
cg15036442	ONECUT1	0.0469318	0.469635	0.680734	-1.469	0.00542252	0.14762	-6.77417	0.181702	2.09836	2.09836	0.385663	1.59194	1.59194	0.790149	0.869846	-1.14963
cg04115544	ONECUT2	0.000208622	0.314234	0.7905	-1.26502	0.0513777	0.605893	-1.65046	0.0890686	0.6547	-1.52742	0.716889	1.08574	1.08574	0.00581308	0.442215	-2.26134

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23371683	0.763444	1.03342	1.03342	0.541316	1.06966	1.06966	0.173681	0.854167	-1.17073	0.316	0.893243	-1.11952	7.07578	1.32898	0.166952	1
cg05586622	0.00094097	0.483855	-2.06673	0.0138126	1.56481	1.56481	0.683333	1.06221	1.06221	0.21177	1.21356	1.21356	6.08466	2.08644	0.304802	1
cg15262992	0.0105509	0.52738	-1.89617	0.0861436	0.685843	-1.45806	0.277025	0.798639	-1.25213	0.106165	0.704034	-1.42039	5.14562	3.22338	0.556828	1
cg08525481	0.039471	0.671458	-1.4893	0.0323137	0.657622	-1.52063	0.949729	0.989512	-1.0106	0.0157997	0.609892	-1.63963	3.42838	1.5183	0.393654	1
cg06425593	0.0935404	0.646875	-1.54589	0.0353349	1.78391	1.78391	0.291369	1.29509	1.29509	0.158621	0.700551	-1.42745	6.87011	6.06903	0.785241	1
cg04712004	0.291378	0.852987	-1.17235	0.0023938	0.540872	-1.84887	0.812812	1.03505	1.03505	0.129856	0.788486	-1.26825	4.31326	1.44095	0.296956	1
cg17984932	0.372246	0.812742	-1.2304	0.00154235	0.356667	-2.80374	0.444727	1.19284	1.19284	0.613771	1.12208	1.12208	3.92109	3.1813	0.721183	1
cg20782816	0.00933848	0.548154	-1.8243	9.12E-06	0.173713	-5.75662	0.0224669	1.64633	1.64633	0.00632906	0.522956	-1.91221	16.4586	8.66757	0.468115	1
cg12684175	0.0252823	1.48734	1.48734	0.0323334	1.45359	1.45359	0.0114549	1.60353	1.60353	0.917648	1.01556	1.01556	9.9702	3.51757	0.313607	1
cg17285536	0.0162042	0.490031	-2.04069	0.0321381	1.83811	1.83811	0.0686449	1.63936	1.63936	0.00318242	2.65647	2.65647	10.9603	10.2114	0.828146	1
cg19391888	0.878258	0.965139	-1.03612	0.130908	0.685526	-1.45873	0.169353	1.40342	1.40342	0.00870923	2.16801	2.16801	8.32355	7.06407	0.754387	1
cg15357639	0.000245611	2.8364	2.8364	0.00666447	1.83276	1.83276	0.908285	0.980363	-1.02003	0.351216	0.8478	-1.17952	8.26429	3.87623	0.416919	1
cg05439191	0.676077	0.927543	-1.07812	9.39E-05	0.287559	-3.47755	0.689452	1.07455	1.07455	0.802855	1.04579	1.04579	7.44512	3.77811	0.451077	1
cg25207828	0.393818	0.851789	-1.174	0.0906934	0.710127	-1.4082	0.694989	0.930185	-1.07505	0.0205905	1.66899	1.66899	6.32165	3.37711	0.474857	1
cg25415932	0.471642	1.21659	1.21659	0.654695	1.12811	1.12811	0.991842	1.00274	1.00274	0.00178265	3.28958	3.28958	6.05297	6.87318	1.00934	1
cg06268702	0.518328	1.0688	1.0688	0.138082	1.17614	1.17614	0.586409	1.0574	1.0574	0.113333	0.839393	-1.19134	5.59228	0.914367	0.145338	1
cg05574065	0.116468	0.778802	-1.28402	0.00657596	0.596145	-1.67745	0.212401	0.824894	-1.21228	0.177328	0.810472	-1.23385	3.38904	1.15298	0.302406	1
cg04595053	0.770804	1.10829	1.10829	0.0305657	0.408846	-2.44591	0.799379	1.09378	1.09378	0.0535001	0.462134	-2.16388	10.0709	19.7601	1.74408	1
cg10916556	0.792285	0.977164	-1.02337	9.00E-05	1.84624	1.84624	0.22601	0.894692	-1.1177	0.0229026	0.788015	-1.26901	21.6475	2.33464	0.107848	1
cg11269793	0.562474	1.09328	1.09328	0.062395	1.37638	1.37638	0.0382937	0.69375	-1.44144	0.601375	1.08359	1.08359	12.2462	4.49907	0.326563	1
cg24780185	0.0271507	0.675087	-1.48129	0.000150666	0.376225	-2.65798	0.88843	0.979131	-1.02131	0.245222	0.833086	-1.20036	11.2709	4.02947	0.317787	1
cg16502879	0.00068541	0.313253	-3.19231	0.00978569	0.481386	-2.07734	0.0109159	0.489123	-2.04447	0.000487994	0.294294	-3.39797	8.33503	6.61333	0.705279	1
cg16524791	0.00079781	0.124848	-8.00976	0.00805535	0.24794	-4.03324	0.834343	0.917555	-1.08985	0.325941	0.659209	-1.51697	6.8105	18.2079	2.37645	1
cg04671941	0.00577519	0.385458	-2.59432	0.0226931	0.487245	-2.05236	0.10044	0.622292	-1.60696	0.0168244	0.46353	-2.15736	3.71866	4.09195	0.978119	1
cg05998983	0.54354	0.808826	-1.23636	0.00496257	0.277047	-3.60949	0.84257	0.933684	-1.07103	0.522691	0.799676	-1.25051	3.94033	7.43081	1.6763	1
cg18390683	0.0460632	0.526396	-1.89971	0.0013574	0.27099	-3.69017	0.273489	1.37699	1.37699	0.000690083	0.233584	-4.28111	8.4949	10.6016	1.10933	1
cg20795500	0.252446	0.812291	-1.23109	0.65049	0.92374	-1.08256	0.207035	0.79341	-1.26038	0.125921	0.749773	-1.33374	7.48341	3.58462	0.425786	1
cg09579094	0.921839	0.967655	-1.03343	0.101429	0.548352	-1.82364	0.422846	1.31558	1.31558	0.0599168	0.491075	-2.03635	5.66587	10.0723	1.58019	1
cg04805229	0.0393214	1.26093	1.26093	0.234088	1.12896	1.12896	0.879803	1.01482	1.01482	0.00796637	1.39205	1.39205	3.98032	0.596092	0.13312	1
cg25492727	0.0109868	0.601141	-1.6635	0.790444	0.958411	-1.04339	0.717842	1.05958	1.05958	0.257663	1.20732	1.20732	3.84571	1.54939	0.358123	1
cg27465849	0.00832658	0.353814	-2.82635	0.00841069	0.354537	-2.82058	0.70976	1.12207	1.12207	0.0145117	0.395435	-2.52886	10.1381	15.2403	1.33624	1
cg04762351	0.313838	0.516737	-1.93522	0.000999542	0.045177	-22.1352	0.675848	0.766033	-1.30543	0.0146632	0.148906	-6.71566	5.80102	36.9078	5.65537	1
cg04001802	0.301731	0.574891	-1.73946	0.548985	0.730712	-1.36853	0.520376	1.40089	1.40089	0.184235	0.482512	-2.07249	4.30044	18.2323	3.76856	1
cg14549951	0.0232109	1.60375	1.60375	0.00152931	0.452031	-2.21224	0.0568374	1.45529	1.45529	0.034267	0.650551	-1.53716	17.4737	8.38568	0.42658	1
cg00948900	0.00662186	2.21711	2.21711	0.0021513	2.64687	2.64687	0.00112884	2.95217	2.95217	0.00860822	2.13154	2.13154	13.8439	11.1881	0.718369	1
cg14233821	0.00404303	0.321022	-3.11505	0.00114153	0.244666	-4.0872	0.112524	0.601423	-1.66272	0.00122949	0.248804	-4.01923	9.03754	12.3978	1.21938	1
cg14147184	0.0771583	4.18795	4.18795	0.852428	1.14536	1.14536	0.0837021	4.03536	4.03536	0.541195	1.56957	1.56957	4.9622	41.7455	7.47796	1
cg01049133	0.0694694	1.74101	1.74101	0.308013	1.33391	1.33391	0.0184696	2.18216	2.18216	0.858801	1.04982	1.04982	4.85542	5.73343	1.04963	1
cg05392169	0.112091	0.597825	-1.67273	0.0289267	2.15084	2.15084	0.699726	1.12215	1.12215	0.149445	0.63153	-1.58346	4.77447	6.68619	1.2448	1
cg13811667	0.00436091	0.646968	-1.54567	0.0652481	1.26699	1.26699	0.093797	1.23454	1.23454	0.890925	1.01581	1.01581	3.5517	0.735413	0.184053	1
cg13914893	0.00418063	5.37311	5.37311	0.201804	1.80497	1.80497	0.00148523	7.44949	7.44949	0.000592083	10.2199	10.2199	9.03361	27.4653	2.70253	1
cg08268099	0.79964	1.07101	1.07101	0.429264	1.24316	1.24316	0.00434644	0.357761	-2.79516	0.0171304	0.456701	-2.18962	5.60604	6.45994	1.02428	1
cg21222830	0.0284437	0.437656	-2.2849	0.0337029	0.452712	-2.20891	0.000631269	0.186677	-5.35684	0.173752	0.629757	-1.58791	5.13315	8.30038	1.43734	1
cg15829006	0.22316	0.879225	-1.13737	0.364466	0.910545	-1.09824	0.55414	0.9416	-1.06202	0.188571	1.15038	1.15038	4.03084	0.645567	0.142362	1
cg14333779	0.113275	2.81874	2.81874	0.733317	1.22831	1.22831	0.023732	5.06947	5.06947	0.433065	1.61776	1.61776	4.0275	23.0626	5.09003	1
cg03590492	0.03988	0.437556	-2.28542	0.102495	0.537029	-1.8621	0.0193714	0.373875	-2.67469	0.2114	0.632478	-1.58108	3.72908	7.15022	1.70438	1
cg13451082	0.137043	2.19185	2.19185	0.400102	0.655711	-1.52506	0.0624367	2.79405	2.79405	0.00236586	7.98433	7.98433	3.70687	14.0942	3.37971	1
cg13683280	0.668742	0.929653	-1.07567	0.00174325	0.469336	-2.13067	0.598049	1.09435	1.09435	0.260678	0.819707	-1.21995	3.64344	1.65717	0.404301	1
cg00747647	0.468671	0.844406	-1.18426	3.87E-05	0.163857	-6.1029	0.504474	1.16809	1.16809	0.24785	1.31933	1.31933	10.6955	8.91306	0.740752	1
cg06159220	0.000106097	3.34113	3.34113	0.172033	1.29211	1.29211	0.0607818	1.45154	1.45154	0.480821	1.13465	1.13465	10.0467	4.94479	0.437494	1
cg07742633	0.0189946	0.73898	-1.35322	0.544499	0.936759	-1.06751	0.678634	1.04538	1.04538	0.319678	1.11575	1.11575	7.31984	1.31513	0.159703	1
cg25820479	0.177757	0.762383	-1.31168	0.00427747	0.484821	-2.06262	0.00668012	0.513457	-1.94758	0.087575	0.699604	-1.42938	6.60601	3.75452	0.505199	1
cg06911487	0.000520725	1.93062	1.93062	0.576602	0.933718	-1.07099	0.644942	0.945149	-1.05803	0.148548	1.20731	1.20731	5.76751	1.3502	0.208092	1
cg13455326	0.963189	0.991083	-1.009	0.625726	1.1001	1.1001	0.00176751	2.37344	2.37344	0.088113	1.44089	1.44089	5.32948	3.17953	0.530304	1
cg00208967	0.332759	1.23823	1.23823	0.0359988	0.593535	-1.68482	0.305383	0.796937	-1.2548	0.417481	0.837607	-1.19388	5.23893	3.79508	0.64391	1
cg16039342	0.0167611	0.617555	-1.61929	0.0983091	1.34897	1.34897	0.330116	0.847114	-1.18048	0.0552375	0.69852	-1.4316	4.55899	1.96811	0.383732	1
cg03833077	0.00818979	0.410149	-2.43814	0.109187	1.58428	1.58428	0.0955709	1.61979	1.61979	0.232408	0.719007	-1.39081	4.54884	4.99908	0.976871	1
cg15454552	0.0343003	0.476746	-2.09755	0.158034	0.635854	-1.57269	0.0231215	2.25866	2.25866	0.881321	1.04584	1.04584	3.93108	5.6032	1.26699	1
cg26153497	0.0117385	0.397	-2.51889	0.237477	0.695463	-1.43789	0.0482843	1.93921	1.93921	0.937323	1.02335	1.02335	3.66144	4.99416	1.21243	1
cg11587925	0.78107	0.939565	-1.06432	0.993864	0.998281	-1.00172	0.385153	0.819373	-1.22045	0.366768	0.812648	-1.23055	3.61707	2.86791	0.704782	1
cg06549128	0.155028	0.832248	-1.20156	0.018536	0.708543	-1.41135	0.0426875	0.754626	-1.32516	0.656111	1.05557	1.05557	3.39006	0.781697	0.204964	1
cg09180564	0.00742827	3.56058	3.56058	0.00378557	4.21555	4.21555	0.00152234	5.37218	5.37218	0.0614362	2.17289	2.17289	7.68904	16.519	1.90967	1
cg23631062	0.0524821	0.543256	-1.84075	0.598905	1.15504	1.15504	0.0918113	1.66692	1.66692	0.279783	1.3587	1.3587	5.95083	6.78546	0.886864	1
cg09801936	0.0277223	0.766679	-1.30433	0.000115941	0.501638	-1.99347	0.189431	1.1525	1.1525	0.152419	1.16942	1.16942	7.50931	1.23986	0.146765	1
cg02861071	0.330963	1.2249	1.2249	0.88636	0.971496	-1.02934	0.950938	0.987634	-1.01252	0.535595	0.880852	-1.13526	4.16748	2.69928	0.575734	1
cg01098981	0.121772	1.51398	1.51398	0.602144	1.13889	1.13889	0.0473279	0.570598	-1.75255	0.267957	0.751776	-1.33018	3.78195	3.66196	0.860686	1
cg07692929	0.0714286	0.537932	-1.85897	0.000513043	0.188216	-5.31305	0.0249364	0.439638	-2.2746	0.0270421	0.446569	-2.23929	13.9641	20.9758	1.33522	1
cg03492000	0.00328443	0.362263	-2.76043	0.000181679	0.200893	-4.97778	0.108751	0.641857	-1.55798	0.0347101	0.535792	-1.8664	12.1519	12.3649	0.904467	1
cg05342138	0.369107	0.756902	-1.32118	0.79659	0.92497	-1.08112	0.137647	0.617088	-1.62051	0.0136479	0.398059	-2.51219	9.99653	14.4341	1.28348	1
cg21775176	0.0110175	0.545983	-1.83156	0.391318	0.846479	-1.18136	0.0681133	0.678638	-1.47354	0.0804527	0.692154	-1.44476	6.43819	3.67186	0.506955	1
cg26076854	0.608234	1.07735	1.07735	0.00300138	1.79762	1.79762	0.595553	1.08026	1.08026	0.75195	1.04675	1.04675	6.13112	2.01651	0.292353	1
cg22243733	0.196336	1.3299	1.3299	0.00106487	2.74418	2.74418	0.966609	0.991302	-1.00877	0.706896	1.08202	1.08202	4.20348	2.89923	0.613085	1
cg07782221	0.0438161	0.484474	-2.0641	0.860389	0.946427	-1.05661	0.0493412	0.495777	-2.01704	0.42978	0.777181	-1.2867	4.19567	6.50034	1.37715	1
cg24266651	0.439446	0.88567	-1.12909	0.00114895	0.479128	-2.08713	0.13086	1.28554	1.28554	0.0860215	0.746697	-1.33923	4.87253	1.82953	0.333759	1
cg14291225	0.0568455	0.837965	-1.19337	1.50E-05	2.08752	2.08752	0.157837	0.883506	-1.13185	0.22163	1.11112	1.11112	17.5772	1.87268	0.0947022	1
cg26014373	7.87E-05	2.72223	2.72223	0.016922	1.50478	1.50478	0.500293	1.10072	1.10072	0.00888836	0.626877	-1.59521	16.1641	5.03688	0.276986	1
cg19915050	0.000411051	1.62078	1.62078	0.00674801	0.739077	-1.35304	0.0540678	1.20712	1.20712	0.0594894	0.832665	-1.20096	12.7087	1.49177	0.104339	1
cg25574769	1.29E-05	0.17205	-5.81227	0.142602	1.35338	1.35338	0.14014	0.737295	-1.35631	0.621634	0.908898	-1.10023	11.1848	6.53104	0.519042	1
cg13662628	0.719988	0.928402	-1.07712	0.00407761	2.2157	2.2157	0.706402	0.924872	-1.08123	9.98E-05	0.240603	-4.15623	10.7861	7.27607	0.599626	1
cg00375250	0.867024	0.981995	-1.01834	0.000160548	0.497094	-2.01169	0.648434	0.951449	-1.05103	0.920879	1.01083	1.01083	9.79856	1.82421	0.165485	1
cg05554161	0.11109	0.730001	-1.36986	0.338987	0.836366	-1.19565	0.00333704	0.484676	-2.06323	0.46093	0.87276	-1.14579	5.21819	2.71667	0.46277	1
cg18506679	0.186302	1.2088	1.2088	0.0108221	1.54215	1.54215	0.364082	0.881413	-1.13454	0.0963172	0.781041	-1.28034	3.9251	1.13864	0.25786	1
cg02900990	0.215492	1.18938	1.18938	0.498223	0.912588	-1.09578	0.0175379	1.46894	1.46894	0.0119996	1.51723	1.51723	31.0728	8.70943	0.249147	1
cg19130550	0.0147803	0.628378	-1.5914	0.00267482	0.525684	-1.90228	0.223828	0.820419	-1.21889	0.832363	0.967702	-1.03338	6.72042	2.55347	0.337739	1
cg12585910	0.195378	0.729022	-1.3717	0.110466	0.669371	-1.49394	0.0960413	0.655846	-1.52475	0.166457	0.711421	-1.40564	6.32152	5.33244	0.749811	1
cg22803322	0.830466	0.962171	-1.03932	0.0290775	0.629614	-1.58827	0.62629	0.91552	-1.09228	0.0296049	0.630887	-1.58507	6.06714	3.1084	0.455409	1
cg07122893	0.110033	2.37017	2.37017	0.339868	0.614263	-1.62797	0.00485256	6.36268	6.36268	0.0425137	3.18103	3.18103	3.40889	13.2514	3.4554	1
cg11157816	0.113501	0.588761	-1.69848	0.0146404	0.396703	-2.52078	0.00179459	0.255021	-3.92125	0.0896338	0.562371	-1.77819	14.5442	21.795	1.33204	1
cg22020227	0.01379	0.46577	-2.14698	0.00105556	0.296451	-3.37324	0.000191832	0.206642	-4.83928	0.00404612	0.379498	-2.63506	12.9062	12.8775	0.886909	1
cg26824174	0.0239151	0.517354	-1.93291	0.0214815	0.50888	-1.9651	6.09E-05	0.163611	-6.11207	0.00855296	0.440241	-2.27148	12.7342	12.0627	0.842015	1
cg13393917	0.196086	1.42493	1.42493	0.00144427	0.303395	-3.29603	0.0106098	0.434985	-2.29893	0.0988366	0.625759	-1.59806	5.22716	5.5551	0.944656	1
cg12160664	0.300563	0.63285	-1.58015	0.0443578	0.373445	-2.67777	0.00141637	0.139444	-7.17134	0.0206934	0.304775	-3.28111	4.06158	11.7016	2.56094	1
cg21229268	0.682911	1.11906	1.11906	0.265194	0.727582	-1.37442	3.67E-06	19.4475	19.4475	0.865685	1.04746	1.04746	14.9798	17.7968	1.05605	1
cg04351905	0.184131	0.654326	-1.52829	0.00193768	0.267058	-3.7445	0.479472	0.805394	-1.24163	0.121311	0.603083	-1.65815	6.68751	9.59938	1.27593	1
cg27237300	0.895251	0.933407	-1.07134	0.470889	0.681321	-1.46774	0.509646	1.41896	1.41896	0.11069	2.48253	2.48253	5.06603	21.9592	3.85298	1
cg17869426	0.233253	0.651655	-1.53455	0.315787	0.700905	-1.42673	0.424832	1.32214	1.32214	0.885071	0.951651	-1.05081	3.72488	6.92591	1.65277	1
cg21569006	0.127989	0.756006	-1.32274	0.808073	0.959476	-1.04224	0.921047	0.983289	-1.01699	0.00512719	1.8748	1.8748	5.07882	2.32412	0.406764	1
cg23253569	0.0483125	0.563429	-1.77485	0.823132	1.05734	1.05734	0.104473	0.638892	-1.56521	3.03E-06	0.0400412	-24.9743	34.3964	29.3854	0.747525	1
cg27357571	0.203275	0.547734	-1.8257	2.12E-05	0.0136168	-73.4385	0.0542936	0.371472	-2.69199	0.460624	0.715463	-1.3977	12.688	38.8711	2.38281	1
cg11950383	0.00037441	3.17396	3.17396	0.870034	1.0338	1.0338	0.159836	1.35652	1.35652	0.00619765	2.06392	2.06392	8.96668	5.8534	0.580262	1
cg05238769	0.0208892	4.52658	4.52658	0.048772	0.297628	-3.3599	0.800926	0.875217	-1.14257	0.0639171	3.06034	3.06034	10.4698	45.1446	3.35369	1
cg02858594	0.0152652	1.54011	1.54011	0.723807	1.05278	1.05278	0.150717	1.25016	1.25016	0.112155	1.28499	1.28499	6.79692	2.26225	0.295853	1
cg27254482	0.984022	1.00631	1.00631	0.00464456	0.306311	-3.26466	0.209212	0.659721	-1.51579	0.246016	1.46412	1.46412	4.71386	7.3723	1.39019	1
cg10217445	0.166007	0.791441	-1.26352	0.712782	0.943134	-1.06029	0.58389	0.916142	-1.09153	0.0296249	1.50001	1.50001	3.83849	1.5243	0.352985	1
cg16713743	0.210799	1.93993	1.93993	0.0663133	0.3552	-2.81531	0.0932612	0.395387	-2.52917	0.644979	0.792022	-1.26259	3.51741	14.0704	3.55574	1
cg14293300	0.0792079	1.41431	1.41431	0.883224	0.974195	-1.02649	0.86537	0.970267	-1.03064	0.0650677	1.4455	1.4455	3.43706	1.7224	0.445447	1
cg08684663	0.18074	0.57185	-1.74871	0.110995	0.505197	-1.97943	0.0172902	0.319733	-3.12761	0.125799	0.521296	-1.9183	4.86972	11.9269	2.17707	1
cg12203957	0.907467	1.02457	1.02457	0.00136172	2.63919	2.63919	0.223516	1.30601	1.30601	0.578874	0.88955	-1.12416	3.55363	2.45264	0.613492	1
cg23211736	0.214548	0.688835	-1.45173	0.000604786	0.221255	-4.51967	0.0023537	0.298005	-3.35565	0.0869931	0.583229	-1.71459	6.56723	8.4647	1.14572	1
cg16661813	?	?	?	0.00184664	7.09863	7.09863	0.00667649	4.49422	4.49422	0.0865156	2.13528	2.13528	5.9644	10.4353	1.49966	1
cg00796231	0.231325	0.739136	-1.35293	0.120431	1.50011	1.50011	0.926058	0.977899	-1.0226	0.721427	1.09002	1.09002	4.06175	3.72882	0.816028	1
cg21409895	0.0456192	0.648794	-1.54132	0.00152303	0.42249	-2.36692	0.250354	1.2545	1.2545	0.362946	0.838202	-1.19303	3.64888	2.05911	0.501612	1
cg10169364	0.78498	0.9591	-1.04264	0.0175659	0.64325	-1.55461	0.0138644	0.62858	-1.59089	0.0719024	0.735808	-1.35905	16.1519	5.96437	0.328238	1
cg20012366	0.0517586	0.545381	-1.83358	0.0220957	0.471577	-2.12054	0.591034	0.861943	-1.16017	0.680961	0.892947	-1.11989	3.90502	4.63928	1.05603	1
cg12561924	0.000321978	2.01834	2.01834	0.00473344	0.635839	-1.57272	0.00492603	1.56755	1.56755	0.0465837	1.31658	1.31658	75.8354	17.4924	0.205034	1
cg14811102	0.0100442	1.52839	1.52839	1.45E-08	17.8995	17.8995	0.196023	1.19543	1.19543	0.0839288	1.28362	1.28362	73.9596	19.9658	0.23996	1
cg23206209	0.0484328	1.66905	1.66905	0.0252321	0.546322	-1.83042	2.83E-05	6.49023	6.49023	0.473438	0.847348	-1.18015	18.6316	15.2295	0.72658	1
cg26918375	0.00149548	0.443658	-2.25399	0.238343	1.24513	1.24513	0.015964	1.68835	1.68835	0.00174796	2.20786	2.20786	18.5107	8.21196	0.443633	1
cg26158897	0.810258	1.06384	1.06384	?	?	?	0.00099033	3.52217	3.52217	9.30E-05	6.01362	6.01362	11.8577	11.0498	0.931867	1
cg19611809	0.773659	0.943767	-1.05958	0.0103387	0.522891	-1.91244	0.0217733	1.73795	1.73795	0.117769	1.40627	1.40627	9.93201	6.33684	0.56713	1
cg17500265	0.590056	0.880087	-1.13625	0.0233293	1.88988	1.88988	3.77E-05	6.41307	6.41307	0.814663	1.0567	1.0567	9.88052	8.63081	0.776461	1
cg07361017	0.241712	1.37648	1.37648	0.648521	1.12712	1.12712	0.00294714	0.34488	-2.89956	0.912598	1.02904	1.02904	7.47101	8.04527	0.957214	1
cg16203125	0.867162	0.951177	-1.05133	0.450556	0.794638	-1.25843	0.00117673	4.15102	4.15102	0.443135	0.79152	-1.26339	6.17349	8.74143	1.25863	1
cg06657050	0.199012	0.540302	-1.85082	0.00672813	0.203109	-4.92347	0.5218	0.744892	-1.34248	0.106606	0.449677	-2.22382	6.02012	19.6188	2.89678	1
cg02746187	0.4133	0.827723	-1.20813	0.593422	0.885304	-1.12956	0.864487	0.96212	-1.03937	0.876035	1.03592	1.03592	5.52924	4.47539	0.719471	1
cg23063243	0.106898	2.61516	2.61516	0.0138899	5.25942	5.25942	0.146074	2.34487	2.34487	0.41252	0.632809	-1.58026	4.27247	20.1837	4.19924	1
cg24495684	0.0224436	1.80356	1.80356	0.221326	0.757863	-1.3195	0.467817	1.17271	1.17271	0.153525	0.719236	-1.39037	4.18804	3.08501	0.654777	1
cg25548986	0.477518	1.51597	1.51597	0.00941947	0.150154	-6.65984	0.777393	1.17738	1.17738	0.0526813	0.281134	-3.55703	3.87721	20.3799	4.6723	1
cg14217069	0.0933849	0.35443	-2.82143	0.136139	0.405519	-2.46598	0.242884	1.98748	1.98748	0.577099	0.728606	-1.37248	3.53424	17.6823	4.44725	1
cg15036442	0.0499631	3.21787	3.21787	0.0565363	0.323489	-3.0913	0.90609	1.06364	1.06364	0.557605	0.733414	-1.36349	3.47031	15.0219	3.84773	1
cg04115544	0.0763641	0.640603	-1.56103	0.00145716	2.82509	2.82509	1.18E-05	8.12249	8.12249	0.058084	0.616413	-1.62229	18.162	14.6767	0.718307	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16340618	ONECUT2	0.000431231	0.00631726	0.628582	-1.59088	0.215963	1.18531	1.18531	0.111052	1.25438	1.25438	0.083654	0.778838	-1.28396	0.26854	0.86032	-1.16236
cg02455094	ONECUT2	0.00112542	0.735169	1.0915	1.0915	0.0104047	2.29789	2.29789	0.00580116	2.53931	2.53931	0.0055416	2.55968	2.55968	0.193574	0.701347	-1.42583
cg06067372	ONECUT2	0.00113154	0.0497567	0.61277	-1.63193	0.205553	0.746584	-1.33943	0.00496625	0.443132	-2.25667	0.188084	0.736957	-1.35693	0.00814082	0.476519	-2.09855
cg11817589	ONECUT2	0.00148056	0.379128	0.780716	-1.28087	0.00762983	0.390203	-2.56277	0.000119682	0.157982	-6.32983	0.0238069	0.477074	-2.09611	0.00262717	0.319001	-3.13479
cg05480377	ONECUT2	0.00586065	0.0221511	0.293898	-3.40254	0.0159606	0.267877	-3.73305	0.0080958	0.220065	-4.54411	0.0201242	0.286062	-3.49574	0.0087416	0.225096	-4.44255
cg23757446	ONECUT2	0.0089868	0.339751	0.668874	-1.49505	0.0164273	3.31509	3.31509	0.135461	0.518047	-1.93033	0.733092	0.869438	-1.15017	0.0568639	0.414414	-2.41304
cg09879099	ONECUT2	0.0337336	0.80782	1.03173	1.03173	0.521355	0.920058	-1.08689	0.360933	1.12794	1.12794	0.73739	0.957779	-1.04408	0.0110896	1.50418	1.50418
cg10835584	ONECUT2	0.0382375	0.304032	0.487567	-2.051	0.0122418	0.121732	-8.21478	0.0272795	0.171576	-5.82832	0.586898	1.44803	1.44803	0.394745	0.555328	-1.80074
cg14007004	ONECUT3	7.86E-06	0.038641	0.664752	-1.50432	0.000433695	0.387291	-2.58204	0.0189246	1.6235	1.6235	5.16E-06	5.84652	5.84652	0.0306416	1.54183	1.54183
cg17924936	ONECUT3	2.63E-05	0.00449122	0.412238	-2.42578	0.65967	1.10923	1.10923	0.000395191	3.74343	3.74343	0.000832601	3.2437	3.2437	0.00039612	0.26726	-3.74168
cg06902665	ONECUT3	4.36E-05	0.0309284	0.594973	-1.68075	0.000686894	0.345631	-2.89326	0.000129906	0.256098	-3.90476	0.0189639	0.558667	-1.78997	2.01E-06	0.0903744	-11.0651
cg11860412	ONECUT3	0.000107507	3.69E-06	8.53826	8.53826	0.00024473	3.32156	3.32156	0.732031	0.934191	-1.07044	0.0541562	1.54162	1.54162	0.777604	0.945463	-1.05768
cg25415246	ONECUT3	0.000447412	0.932523	1.01985	1.01985	0.00273108	0.38292	-2.61151	0.0248176	0.537998	-1.85874	0.441842	0.833621	-1.19959	0.0778221	0.634606	-1.57578
cg05260062	ONECUT3	0.000656665	0.000108065	0.323674	-3.08953	0.00823264	0.571999	-1.74826	0.125278	0.760156	-1.31552	0.00136541	0.463933	-2.15549	0.000202911	0.357085	-2.80045
cg10731700	ONECUT3	0.00100199	0.155911	0.74015	-1.35108	0.73622	1.06931	1.06931	0.548053	0.886497	-1.12803	0.139335	0.729544	-1.37072	0.173069	0.750242	-1.3329
cg23204799	ONECUT3	0.00215704	0.00686373	0.65191	-1.53395	0.631283	0.942615	-1.06088	0.0818239	0.79003	-1.26578	0.00256297	1.66722	1.66722	0.0635972	0.774995	-1.29033
cg13907049	ONECUT3	0.00316852	0.00164659	0.638635	-1.56584	0.719528	0.964752	-1.03654	0.000270056	0.551858	-1.81206	0.0473018	0.797838	-1.25339	0.0295065	0.774861	-1.29055
cg03103770	ONECUT3	0.00330831	0.715856	0.945314	-1.05785	0.0590947	0.720457	-1.38801	0.906542	1.01823	1.01823	0.173827	1.24931	1.24931	0.000377042	0.417172	-2.39709
cg03629351	ONECUT3	0.00355249	0.147503	0.875006	-1.14285	0.882219	0.987343	-1.01282	0.0933373	1.17185	1.17185	0.00163993	0.678815	-1.47315	0.00273573	0.700951	-1.42663
cg22088518	ONECUT3	0.00633058	0.510962	1.38673	1.38673	0.0284133	0.281265	-3.55536	0.80178	0.883954	-1.13128	0.0978869	2.43615	2.43615	0.0107385	4.81622	4.81622
cg22874255	ONECUT3	0.00670248	0.0097707	0.244249	-4.09418	0.00116191	0.127728	-7.82916	0.00808175	0.231448	-4.32062	0.0834753	0.437563	-2.28539	0.0281528	0.32679	-3.06007
cg13777844	ONECUT3	0.015676	0.264498	2.5092	2.5092	0.776178	0.798138	-1.25292	0.428193	1.89617	1.89617	0.950915	0.95247	-1.0499	0.480562	0.56711	-1.76333
cg18246368	ONECUT3	0.0253108	0.524628	1.14452	1.14452	0.91345	1.02302	1.02302	0.382552	1.20621	1.20621	0.0808065	1.49987	1.49987	0.0713015	0.655905	-1.52461
cg02011374	ONECUT3	0.0264128	0.0524764	0.453465	-2.20524	0.00737467	0.289861	-3.44993	0.0504906	0.449585	-2.22427	0.13286	1.78884	1.78884	0.0747805	0.490762	-2.03765
cg19475241	ONECUT3	0.0269886	0.0125822	0.208057	-4.80639	0.0606804	0.343031	-2.91519	0.0917119	0.390853	-2.55851	0.103313	0.405985	-2.46315	0.0384503	0.297209	-3.36463
cg08676438	ONECUT3	0.0325034	0.112703	2.36793	2.36793	0.492267	0.70596	-1.41651	0.424556	1.50252	1.50252	0.0173448	0.235362	-4.24877	0.380021	0.637898	-1.56765
cg05396761	OOEP	0.00368365	0.921357	1.02616	1.02616	0.890155	0.964512	-1.03679	0.204354	0.704519	-1.41941	0.00198686	0.319193	-3.1329	0.000463016	0.236811	-4.22277
cg10620318	OOEP	0.0119926	0.95433	1.01296	1.01296	0.0818711	1.54259	1.54259	0.0199147	0.531656	-1.88092	0.000853229	0.324151	-3.08498	0.351156	0.805952	-1.24077
cg25998512	OOEP	0.0175716	0.181159	0.829881	-1.20499	0.170112	1.21157	1.21157	0.0965834	1.27076	1.27076	0.16741	0.824235	-1.21325	0.219602	1.18478	1.18478
cg15670394	OOEP	0.0189673	0.990415	0.99607	-1.00395	0.612245	0.84572	-1.18242	0.244127	0.670671	-1.49104	0.411246	1.31712	1.31712	0.0158341	0.379486	-2.63514
cg20219287	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	7.99E-05	0.934593	1.01604	1.01604	0.508678	1.13879	1.13879	0.000807542	0.375374	-2.66401	0.275693	1.24585	1.24585	1.39E-05	0.172493	-5.79733
cg02453134	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.00032585	0.113024	0.632544	-1.58092	0.0341775	0.518781	-1.9276	0.000688488	0.252563	-3.95941	0.897125	0.966235	-1.03495	8.48E-06	0.0762179	-13.1203
cg04134015	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.000869238	0.00159757	2.62073	2.62073	0.0262907	0.570836	-1.75182	0.305548	0.79795	-1.25321	0.00121198	2.73989	2.73989	0.00550058	0.460032	-2.17376
cg01816482	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.00231991	0.0195301	0.188771	-5.29744	0.159229	0.411204	-2.43189	0.190745	0.441132	-2.26689	0.769487	0.840647	-1.18956	0.00272538	0.0867638	-11.5255
cg03456393	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.00631171	0.604943	1.17112	1.17112	0.569102	0.840138	-1.19028	0.908045	1.03559	1.03559	0.749455	1.10185	1.10185	0.00010397	0.125262	-7.98325
cg18062138	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0118511	0.00301522	0.787366	-1.27006	0.355629	0.94567	-1.05745	0.471549	1.044	1.044	0.268142	0.934437	-1.07016	0.616982	0.970791	-1.03009
cg21380280	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0141661	0.20101	1.16644	1.16644	0.75593	1.03618	1.03618	0.111263	1.21868	1.21868	0.215711	0.861964	-1.16014	0.772615	1.03358	1.03358
cg00442931	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0202694	0.35011	1.2066	1.2066	0.00535992	2.04643	2.04643	0.255384	0.793057	-1.26094	0.008061	1.94002	1.94002	0.154697	0.742724	-1.3464
cg20860515	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0317681	0.0173346	0.631855	-1.58264	0.00539216	0.559719	-1.78661	0.0232093	1.53707	1.53707	0.900707	1.01997	1.01997	0.999692	1.00006	1.00006
cg16241473	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0383419	0.436683	0.744831	-1.34259	0.249965	0.639949	-1.56262	0.0772753	0.482275	-2.0735	0.402304	0.727433	-1.3747	0.0020914	0.200393	-4.99019
cg24721157	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0313688	0.52249	0.914859	-1.09307	0.835403	0.97184	-1.02898	0.443835	1.11313	1.11313	0.299348	1.15913	1.15913	0.560809	1.08409	1.08409
cg19636302	OPA3	0.0162527	0.00317288	7.26816	7.26816	0.0126551	4.59673	4.59673	0.192091	1.97298	1.97298	0.00924447	5.08271	5.08271	0.244481	1.8207	1.8207
cg27384074	OPA3	0.0282846	0.748538	0.919716	-1.08729	0.000493165	0.241784	-4.13592	0.0487847	0.556796	-1.79599	0.628375	0.880812	-1.13532	0.72509	0.912222	-1.09622
cg13588954	OPA3;OPA3	0.00131391	0.00654217	2.99935	2.99935	0.000110648	8.28819	8.28819	0.00150805	4.14314	4.14314	0.00305501	3.53038	3.53038	0.00474432	3.20941	3.20941
cg14279439	OPA3;OPA3	0.00185826	0.590995	1.1976	1.1976	0.0239239	0.408361	-2.44881	0.888642	0.9545	-1.04767	5.45E-05	0.0821989	-12.1656	0.0165807	0.378082	-2.64493
cg27519693	OPA3;OPA3	0.0019619	0.694818	0.907172	-1.10233	0.000222779	0.21903	-4.56558	0.0059185	0.41084	-2.43404	0.268256	1.32966	1.32966	0.000885748	0.292053	-3.42403
cg18478750	OPA3;OPA3	0.00525848	0.115898	1.52996	1.52996	0.0163133	2.07668	2.07668	0.325817	1.28719	1.28719	0.028663	1.90092	1.90092	0.00171806	0.328424	-3.04485
cg01990304	OPA3;OPA3	0.0078346	0.527092	0.925732	-1.08023	0.373661	0.895856	-1.11625	0.860935	1.02134	1.02134	0.137089	0.824606	-1.2127	0.190545	0.846261	-1.18167
cg27391679	OPA3;OPA3	0.0303715	0.0610965	5.49815	5.49815	0.00254152	29.4416	29.4416	0.0122401	12.4328	12.4328	0.145257	3.53631	3.53631	0.0529467	5.90766	5.90766
cg26838636	OPA3;OPA3	0.0439291	0.0783413	0.760483	-1.31495	0.173666	0.816551	-1.22466	0.0137604	1.53173	1.53173	0.243936	0.843087	-1.18612	0.643632	0.936856	-1.0674
cg20417723	OPCML	4.09E-06	0.238625	0.84982	-1.17672	0.000217485	0.443447	-2.25506	0.000282918	0.457406	-2.18624	0.100252	1.26798	1.26798	8.60E-07	0.177675	-5.62825
cg06398138	OPCML	0.000167815	0.00208745	0.420621	-2.37744	0.294834	0.804732	-1.24265	6.39E-05	0.2299	-4.34972	0.70215	0.926046	-1.07986	0.000186298	0.283222	-3.5308
cg20122043	OPCML	0.000196437	0.00168874	0.302671	-3.30392	8.61E-05	0.152964	-6.5375	0.000154018	0.177746	-5.62601	0.219001	0.708716	-1.411	0.000290794	0.2073	-4.82393
cg15964611	OPCML	0.000455407	0.112715	0.753563	-1.32703	0.140957	0.771442	-1.29627	0.161455	1.27768	1.27768	0.00482476	1.84547	1.84547	0.00289849	0.511209	-1.95615
cg19151121	OPCML	0.000683153	0.556769	1.05381	1.05381	0.0305387	0.799208	-1.25124	0.518231	1.05946	1.05946	0.505622	1.06137	1.06137	0.442066	0.933214	-1.07157
cg06379368	OPCML	0.00168261	0.00111513	0.498874	-2.00451	0.000281971	0.423332	-2.36221	0.00821303	0.612799	-1.63186	0.549803	1.09159	1.09159	0.0328294	0.696586	-1.43557
cg26283170	OPCML	0.00168268	0.285843	0.721631	-1.38575	0.0360965	2.04912	2.04912	0.622511	1.15725	1.15725	0.466198	1.2439	1.2439	0.225468	0.687517	-1.45451
cg25187338	OPCML	0.00229619	0.0130536	0.579015	-1.72707	0.000837698	0.409942	-2.43937	0.0731111	0.701405	-1.42571	0.106672	0.731562	-1.36694	0.0164143	0.594285	-1.6827
cg12697833	OPCML	0.00354313	0.00269534	0.340504	-2.93682	0.258992	0.736391	-1.35797	0.691512	0.901558	-1.10919	0.509964	0.840581	-1.18965	0.000271977	0.21214	-4.71386
cg13296579	OPCML	0.0035498	0.00872828	0.291967	-3.42504	0.00473301	0.250956	-3.98476	0.00329876	0.228811	-4.37042	0.0144532	0.329394	-3.03588	0.0126406	0.319105	-3.13376
cg00232735	OPCML	0.00473891	0.000401421	0.0370046	-27.0237	0.000394215	0.0366717	-27.269	0.603801	1.35878	1.35878	0.223565	0.472907	-2.11458	0.108239	0.358379	-2.79034
cg08327706	OPCML	0.00839174	0.024732	6.13603	6.13603	0.00219637	18.4233	18.4233	0.196997	2.52314	2.52314	0.120765	3.13225	3.13225	0.0790409	0.266286	-3.75536
cg14483831	OPCML	0.00983428	0.0599769	0.368347	-2.71483	0.000333403	0.0655766	-15.2493	0.029364	0.298868	-3.34596	0.650762	1.23923	1.23923	0.206084	0.533806	-1.87334
cg24829292	OPCML	0.0108874	0.35754	0.803432	-1.24466	0.846605	0.95619	-1.04582	0.739557	1.08023	1.08023	0.678149	1.10134	1.10134	0.0284416	0.549808	-1.81882
cg12591625	OPCML	0.0110697	0.132385	1.50184	1.50184	0.00121653	0.305495	-3.27338	0.697085	1.10293	1.10293	0.0146838	2.1219	2.1219	0.118831	1.52806	1.52806
cg20418125	OPCML	0.0147	0.0213853	0.174844	-5.71938	0.00319731	0.0789932	-12.6593	0.0398778	0.223534	-4.47359	0.212974	0.437274	-2.2869	0.0101309	0.12929	-7.73454
cg18413062	OPCML	0.0164179	0.00334229	0.191179	-5.2307	0.0696791	0.4315	-2.3175	0.0193047	0.309642	-3.22953	0.571855	0.789248	-1.26703	0.0131533	0.279782	-3.57421
cg20972294	OPCML	0.0195427	0.0730581	0.516396	-1.9365	0.00956337	0.337994	-2.95863	0.350386	1.37403	1.37403	0.628582	1.17484	1.17484	0.0137151	2.73863	2.73863
cg09634031	OPCML	0.0200073	0.897771	0.960563	-1.04106	0.000684253	0.197155	-5.07214	0.760929	1.10024	1.10024	0.696504	0.88453	-1.13054	0.201108	0.65532	-1.52597
cg01751181	OPCML	0.0204944	0.713309	1.13395	1.13395	0.00918177	0.324045	-3.08599	0.288105	0.686819	-1.45599	0.112455	1.80155	1.80155	0.74535	0.894929	-1.11741
cg24250669	OPCML	0.0215731	0.115229	0.52787	-1.89441	0.239863	1.5827	1.5827	0.46789	1.31727	1.31727	0.669873	1.1735	1.1735	0.016426	0.334893	-2.98603
cg07230581	OPCML	0.022187	0.00860371	0.253624	-3.94285	0.0110952	0.271495	-3.68331	0.0632821	0.425214	-2.35176	0.470389	1.35075	1.35075	0.0569665	0.413986	-2.41554
cg04745004	OPCML	0.0241904	0.938082	1.01411	1.01411	0.0128369	0.572711	-1.74608	0.567845	1.10976	1.10976	0.163678	0.764832	-1.30748	0.495868	1.13283	1.13283
cg11687330	OPCML	0.02602	0.0323219	20.0651	20.0651	0.0396695	17.2264	17.2264	0.443244	2.54826	2.54826	0.0813029	10.0973	10.0973	0.472768	0.417348	-2.39608
cg08357627	OPCML	0.028481	0.731703	1.1505	1.1505	0.00215522	5.78208	5.78208	0.178486	1.79016	1.79016	0.35876	1.46875	1.46875	0.866179	0.933603	-1.07112
cg23925241	OPCML	0.0295288	0.0213402	0.28237	-3.54145	0.00534267	0.186873	-5.35123	0.00701969	0.20325	-4.92005	0.845841	0.914867	-1.09306	0.0746757	0.403494	-2.47835
cg04913291	OPCML	0.029791	0.0137024	0.230176	-4.34451	0.0167171	0.244719	-4.08632	0.181201	0.504568	-1.98189	0.325691	1.63073	1.63073	0.00442304	0.160323	-6.23741
cg26906285	OPCML	0.0319338	0.504795	0.921809	-1.08482	0.915378	1.01287	1.01287	0.639107	1.05847	1.05847	0.0392283	0.750507	-1.33243	0.00444604	0.633464	-1.57862
cg17417573	OPCML	0.0326846	0.0134492	0.277477	-3.60391	0.0683215	0.425266	-2.35147	0.102156	0.47264	-2.11577	0.330798	0.656792	-1.52255	0.00179311	0.155482	-6.43163
cg01311955	OPCML	0.0346152	0.0153267	0.400334	-2.49792	0.456277	0.791865	-1.26284	0.960984	1.01516	1.01516	0.364065	0.750605	-1.33226	0.769743	0.913679	-1.09448
cg26237595	OPCML	0.0351586	0.049106	0.290899	-3.43762	0.00156078	0.0821678	-12.1702	0.0189602	0.209763	-4.76729	0.428379	0.641178	-1.55963	0.12961	0.406525	-2.45988
cg02664787	OPCML	0.0360591	0.0325261	0.376338	-2.65718	0.2788	0.644183	-1.55235	0.123487	0.521219	-1.91858	0.0407006	0.39741	-2.51629	0.0600929	0.436803	-2.28936
cg08683938	OPCML	0.0418419	0.0551393	0.200829	-4.97937	0.0597052	4.80091	4.80091	0.302132	2.20173	2.20173	0.725756	1.29695	1.29695	0.0375036	0.168292	-5.94206
cg11747462	OPCML	0.0463185	0.0199946	0.204135	-4.89873	0.269489	0.521614	-1.91713	0.476639	0.663926	-1.50619	0.152726	0.420291	-2.3793	0.00646372	0.13479	-7.41894
cg01427458	OPCML	0.046561	0.0577979	0.206991	-4.83112	0.0588961	4.7898	4.7898	0.244311	2.44585	2.44585	0.704601	1.32271	1.32271	0.042785	0.180463	-5.54129
cg19795594	OPCML;OPCML	0.0031533	0.564557	1.19639	1.19639	0.471474	0.798098	-1.25298	0.015562	0.40115	-2.49284	0.626315	0.859776	-1.16309	9.26E-05	0.116702	-8.56881
cg15885337	OPCML;OPCML	0.00466064	0.69978	1.08371	1.08371	0.716944	1.07846	1.07846	0.00031471	0.297785	-3.35812	0.161219	1.364	1.364	0.0130777	0.528029	-1.89384
cg06967998	OPCML;OPCML	0.00759853	0.244161	1.17905	1.17905	0.00895443	0.638006	-1.56738	0.00192327	0.552345	-1.81046	0.471524	1.10407	1.10407	0.180457	1.21198	1.21198
cg16648524	OPCML;OPCML	0.00889623	0.270664	1.28608	1.28608	0.0118334	1.99259	1.99259	0.110251	1.46498	1.46498	0.401941	0.82846	-1.20706	0.0530038	1.61991	1.61991
cg12156287	OPCML;OPCML	0.0115321	0.231153	1.4318	1.4318	0.00224935	3.39441	3.39441	0.605155	1.16072	1.16072	0.938234	1.02239	1.02239	0.0202995	2.2246	2.2246
cg18710784	OPCML;OPCML	0.0142354	0.339297	1.14319	1.14319	0.396442	1.12524	1.12524	0.0100375	1.55514	1.55514	0.0161884	0.670527	-1.49136	0.59786	1.07501	1.07501
cg17242596	OPCML;OPCML	0.0186223	0.861845	0.948276	-1.05455	0.646586	1.15115	1.15115	0.0851244	0.559664	-1.78679	0.0464677	0.498902	-2.0044	0.00408182	0.308777	-3.23858
cg21816377	OPCML;OPCML	0.0191129	0.0509797	0.699046	-1.43052	0.0590843	0.709441	-1.40956	0.402861	1.14784	1.14784	0.0777392	0.729245	-1.37128	0.000745763	0.438536	-2.28031
cg13136241	OPCML;OPCML	0.0295962	0.68614	0.856588	-1.16742	0.00172168	0.181886	-5.49794	0.838917	1.08064	1.08064	0.694703	0.860448	-1.16218	0.0258664	0.364927	-2.74027
cg08080489	OPCML;OPCML	0.0354767	0.0105458	0.613998	-1.62867	0.821953	1.03476	1.03476	0.211726	0.819192	-1.22071	0.800628	0.962366	-1.03911	0.203827	0.816023	-1.22546
cg18804963	OPCML;OPCML	0.0413067	0.00877341	0.291214	-3.4339	0.440457	0.747691	-1.33745	0.299217	0.671891	-1.48834	0.819544	0.919013	-1.08812	0.00957086	0.297425	-3.36219
cg26329376	OPCML;OPCML	0.0453099	?	?	?	0.0132351	0.559716	-1.78662	0.0225875	0.604689	-1.65374	?	?	?	?	?	?
cg24287362	OPCML;OPCML	0.0492962	0.101099	1.8668	1.8668	0.40146	1.34792	1.34792	0.499927	1.26881	1.26881	0.0222682	2.59214	2.59214	0.907949	0.960583	-1.04103
cg22821597	OPHN1	0.0006229	0.00578208	1.44077	1.44077	0.411634	1.08848	1.08848	0.74801	0.967971	-1.03309	1.14E-05	2.56315	2.56315	0.260987	1.12569	1.12569
cg20114929	OPHN1	0.00804394	0.225044	1.79915	1.79915	0.922408	0.95609	-1.04593	0.582001	0.773954	-1.29207	0.321381	1.60351	1.60351	0.658715	0.81475	-1.22737
cg03717424	OPHN1	0.0103406	0.0186406	0.247166	-4.04586	0.0132542	0.222155	-4.50136	0.15331	0.472658	-2.1157	0.197751	0.513135	-1.94881	0.00165534	0.110089	-9.08354
cg01663055	OPHN1	0.0166473	0.869707	1.05143	1.05143	0.123209	0.60044	-1.66544	0.102382	0.57925	-1.72637	0.0301257	0.458863	-2.1793	0.00226918	0.271327	-3.68558
cg01042334	OPLAH	0.000156982	0.392275	0.908296	-1.10096	0.203362	1.15876	1.15876	1.70E-05	0.379481	-2.63518	0.0396134	1.29843	1.29843	0.05471	1.27017	1.27017
cg26256223	OPLAH	0.00131304	0.0158712	3.52419	3.52419	0.143644	0.511712	-1.95422	0.0506177	2.58514	2.58514	0.020421	3.29184	3.29184	0.00633193	0.219647	-4.55275
cg22882523	OPLAH	0.00418935	0.0352402	1.55217	1.55217	0.195288	0.782265	-1.27834	0.347887	1.18918	1.18918	0.507101	1.12823	1.12823	0.00137786	2.29748	2.29748
cg04366687	OPLAH	0.0106579	0.019557	2.91269	2.91269	0.298764	0.664926	-1.50393	0.134728	1.84229	1.84229	0.245473	1.58452	1.58452	0.00484687	4.11867	4.11867
cg17698295	OPLAH	0.014047	0.0188911	4.91856	4.91856	0.691017	0.799453	-1.25085	0.0977337	2.76724	2.76724	0.240802	1.98969	1.98969	0.00716628	6.99441	6.99441
cg06551418	OPLAH	0.0146265	0.199411	0.731539	-1.36698	0.625568	1.12007	1.12007	0.00159463	0.35188	-2.84188	0.133688	0.688697	-1.45202	0.0107937	0.477898	-2.0925
cg26199906	OPLAH	0.0170255	0.0121845	3.89194	3.89194	0.597941	0.793337	-1.2605	0.159294	1.92383	1.92383	0.113429	2.11559	2.11559	0.278075	1.63338	1.63338
cg03309898	OPLAH	0.0241572	0.321442	0.774944	-1.29042	0.00193726	0.335671	-2.97911	0.817524	0.944097	-1.05921	0.626149	1.12998	1.12998	0.036381	0.545809	-1.83214
cg07148318	OPLAH	0.0358312	0.292895	1.37034	1.37034	0.108048	0.602732	-1.65911	0.0679301	1.80463	1.80463	0.151327	1.55885	1.55885	0.670191	1.13168	1.13168
cg06179615	OPLAH	0.0389389	0.151663	0.488082	-2.04884	0.257702	0.576069	-1.7359	0.0264466	0.292634	-3.41724	0.0300727	0.303821	-3.29142	0.00859099	0.209065	-4.7832
cg03932271	OPLAH	0.042408	0.393051	0.693418	-1.44213	0.487903	0.744611	-1.34298	0.0098853	0.255625	-3.91198	0.217252	0.58087	-1.72155	0.0237025	0.323042	-3.09558
cg10578482	OPLAH	0.0441044	0.963863	1.01962	1.01962	0.0995241	0.461066	-2.16889	0.0286045	0.330381	-3.02681	0.293367	0.626604	-1.5959	0.00955457	0.244767	-4.08551
cg20229989	OPN1LW	5.47E-05	0.521517	0.806889	-1.23933	0.000868762	0.192027	-5.20761	5.70E-05	0.0848351	-11.7876	5.17E-05	0.0820104	-12.1936	3.12E-06	0.0258302	-38.7144
cg13246025	OPN1LW	0.000455436	0.327608	1.36511	1.36511	0.0272814	0.447304	-2.23562	0.000114648	0.124392	-8.03911	0.0942272	0.567427	-1.76234	3.53E-05	0.0855086	-11.6947
cg06654051	OPN1LW	0.000688379	0.248503	0.663525	-1.5071	0.0285305	0.41532	-2.40778	0.00114795	0.196884	-5.07914	0.000613087	0.166262	-6.0146	2.53E-05	0.0582977	-17.1533
cg20313902	OPN1LW	0.000852388	0.640621	1.11297	1.11297	0.0359449	0.573793	-1.74279	0.000414822	0.27938	-3.57935	0.304061	0.784809	-1.2742	8.02E-05	0.19772	-5.05766
cg19355212	OPN1LW	0.00679909	0.107262	1.64019	1.64019	0.0316961	0.492211	-2.03165	0.0299124	0.487229	-2.05242	0.00465741	0.346738	-2.88402	0.00244462	0.305216	-3.27637
cg03822658	OPN1LW	0.0094513	0.526134	1.26965	1.26965	0.204175	0.607716	-1.64551	0.0340882	0.398835	-2.5073	0.00335242	0.226828	-4.40862	0.00274337	0.21516	-4.64771
cg01556519	OPN1MW2;OPN1MW	0.00678152	0.0285794	0.412227	-2.42585	0.0086731	0.317352	-3.15107	0.0261321	0.40438	-2.47292	0.20108	0.62925	-1.58919	0.0118887	0.340567	-2.93628
cg06325687	OPN1MW2;OPN1MW	0.0216254	0.204469	1.73001	1.73001	0.0901837	0.465609	-2.14773	0.0485899	0.397649	-2.51478	0.0148859	0.293455	-3.40767	0.00161655	0.15721	-6.36091
cg15337017	OPN1MW;OPN1MW2	0.00931191	0.0601923	0.473583	-2.11156	0.0265711	0.3958	-2.52653	0.0285235	0.40204	-2.48732	0.0122925	0.333063	-3.00244	0.0023656	0.224245	-4.45941
cg00516867	OPN1SW	0.0157438	0.0223941	0.157837	-6.33566	0.00372138	0.0710756	-14.0695	0.0688	0.253027	-3.95215	0.151275	0.354297	-2.82249	0.0223891	0.157822	-6.33626
cg19698923	OPN3	3.07E-06	0.000949933	0.60817	-1.64428	0.000166997	1.90997	1.90997	3.75E-05	2.22419	2.22419	0.132199	0.848729	-1.17823	1.58E-07	0.192766	-5.18764
cg16554145	OPN3	5.32E-05	0.0166664	0.602848	-1.65879	0.0188822	1.63619	1.63619	0.0150782	0.596216	-1.67725	0.0165507	0.602385	-1.66007	0.000476539	0.386885	-2.58475
cg03292284	OPN3	0.00218337	0.384083	0.850955	-1.17515	0.683332	1.07699	1.07699	0.0125438	0.570337	-1.75335	0.0118213	1.76555	1.76555	8.05E-05	0.276115	-3.62168
cg25389462	OPN3	0.0043517	0.181697	0.819014	-1.22098	0.232396	1.19288	1.19288	0.00145901	1.91049	1.91049	0.0153721	0.657766	-1.5203	0.0366915	0.710461	-1.40754
cg08634082	OPN3	0.0144882	0.00571712	0.183916	-5.43728	0.00679508	0.194173	-5.15004	0.0610902	0.37296	-2.68126	0.404696	0.671385	-1.48946	0.00862277	0.209058	-4.78335
cg01560900	OPN3	0.0226421	0.49694	0.743437	-1.3451	0.127009	0.491915	-2.03287	0.133232	0.498445	-2.00624	0.022978	3.21923	3.21923	0.00465228	0.198304	-5.04275

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16340618	0.142608	0.814038	-1.22844	0.000396636	0.478889	-2.08817	6.39E-05	2.6113	2.6113	0.124177	1.24279	1.24279	14.8881	4.01899	0.239953	1
cg02455094	0.301749	0.758886	-1.31772	0.306815	0.761226	-1.31367	4.91E-05	7.15234	7.15234	0.136439	1.51249	1.51249	11.378	11.9837	0.936208	1
cg06067372	0.464455	0.849652	-1.17695	0.0345475	0.583112	-1.71494	0.000102527	4.5032	4.5032	0.258674	1.2942	1.2942	11.3605	8.61611	0.674159	1
cg11817589	0.00508689	0.362082	-2.76181	0.00206927	0.30423	-3.28699	0.133611	0.64154	-1.55875	0.00194293	0.3004	-3.3289	10.519	12.5396	1.05963	1
cg05480377	0.0127007	0.250919	-3.98534	0.000424442	0.0827409	-12.0859	0.120158	0.471128	-2.12256	0.0232262	0.297837	-3.35755	6.98964	22.0627	2.80576	1
cg23757446	0.0715089	0.439287	-2.27642	0.157583	0.539202	-1.85459	0.0015164	6.46868	6.46868	0.146545	1.8907	1.8907	6.11522	16.1802	2.3519	1
cg09879099	0.939716	1.00974	1.00974	0.108374	0.798902	-1.25172	0.23179	0.851494	-1.17441	0.00431018	1.63105	1.63105	3.91893	1.01987	0.231326	1
cg10835584	0.702901	0.772138	-1.2951	0.700718	0.770583	-1.29772	0.0101282	8.92595	8.92595	0.862918	1.12369	1.12369	3.74459	27.0056	6.41058	1
cg14007004	0.00592272	0.541343	-1.84726	1.59E-06	0.127092	-7.86829	0.0842298	1.38496	1.38496	0.0213559	1.60249	1.60249	43.1809	19.878	0.409193	1
cg17924936	0.062149	1.63433	1.63433	5.09E-06	0.0882533	-11.331	0.00185471	2.81073	2.81073	0.03516	0.563254	-1.7754	31.5348	27.3304	0.770377	1
cg06902665	0.00214308	2.41962	2.41962	0.0541667	0.639006	-1.56493	0.00439421	0.458691	-2.18012	0.00375225	0.448517	-2.22957	27.606	18.3611	0.591211	1
cg11860412	0.238782	0.783214	-1.27679	0.0128842	0.542516	-1.84326	0.00528065	2.07157	2.07157	0.656083	1.09283	1.09283	21.7157	13.49	0.552187	1
cg25415246	0.0163043	1.97686	1.97686	0.00166027	0.35198	-2.84107	6.06E-05	5.57848	5.57848	0.378581	0.810889	-1.23321	14.7372	12.5676	0.758026	1
cg05260062	0.00242308	0.497616	-2.00958	0.00170126	0.476763	-2.09748	0.00945461	0.580671	-1.72215	0.00745564	0.565823	-1.76734	13.2458	5.73058	0.384563	1
cg10731700	3.44E-05	0.20417	-4.89788	0.000254287	0.302821	-3.30228	0.704368	0.927226	-1.07849	0.495871	1.14689	1.14689	11.7599	7.31707	0.553071	1
cg23204799	0.169529	0.83623	-1.19584	0.000314908	0.489887	-2.04129	0.149614	1.20782	1.20782	0.221635	0.854699	-1.17	9.43153	2.23125	0.210288	1
cg13907049	0.284294	1.11705	1.11705	0.00416884	0.682433	-1.46534	0.987976	0.998501	-1.0015	0.149599	0.857488	-1.1662	8.42021	1.32066	0.139417	1
cg03103770	0.0576788	1.39123	1.39123	0.0158656	1.57538	1.57538	0.0113053	1.62909	1.62909	0.292043	1.18315	1.18315	8.31255	3.1157	0.333173	1
cg03629351	0.0384402	0.813785	-1.22883	0.0336701	1.23756	1.23756	0.686107	1.03552	1.03552	0.00453791	0.722633	-1.38383	8.13746	0.951337	0.103918	1
cg22088518	0.0828614	2.56448	2.56448	0.0373261	0.305729	-3.27087	0.00380469	6.77946	6.77946	0.00794435	5.30659	5.30659	6.82503	25.9923	3.38523	1
cg22874255	0.522695	0.756174	-1.32245	0.00334857	0.178647	-5.59764	0.00514851	0.203127	-4.92302	0.0695123	0.416502	-2.40095	6.70518	19.7647	2.62016	1
cg13777844	0.0126761	0.0862212	-11.5981	0.125883	3.70635	3.70635	0.000982159	48.2421	48.2421	0.219496	2.77702	2.77702	5.10559	50.5965	8.80891	1
cg18246368	0.00561797	0.467143	-2.14067	0.0879598	0.674187	-1.48327	0.0677051	1.53494	1.53494	0.110343	1.43952	1.43952	4.33854	3.0119	0.617085	1
cg02011374	0.353221	0.709929	-1.40859	0.0162961	0.348728	-2.86756	0.0436522	0.435248	-2.29754	0.0575926	0.462961	-2.16001	4.27447	8.70793	1.81084	1
cg19475241	0.0875029	0.385062	-2.59698	0.00343029	0.13382	-7.47275	0.0115042	0.20205	-4.94928	0.0712588	0.36084	-2.77131	4.24229	17.1977	3.60344	1
cg08676438	0.113358	2.36359	2.36359	0.00761608	0.180301	-5.54629	0.680007	1.23005	1.23005	0.0933339	0.397916	-2.51309	3.97161	15.678	3.50891	1
cg05396761	0.000903163	0.272929	-3.66396	0.441923	0.814624	-1.22756	0.566724	1.16349	1.16349	0.666983	0.892975	-1.11985	8.0495	8.71695	0.962595	1
cg10620318	0.464328	0.84583	-1.18227	0.0593539	1.61372	1.61372	0.546439	0.87178	-1.14708	0.139059	0.699099	-1.43041	5.57461	4.46252	0.711563	1
cg25998512	0.147822	1.22624	1.22624	0.0410954	1.36285	1.36285	0.986261	1.00226	1.00226	0.00227409	0.570813	-1.75189	4.91473	1.34295	0.242888	1
cg15670394	0.0455273	0.471524	-2.12078	0.292272	1.43076	1.43076	0.528384	0.811069	-1.23294	0.000896205	0.195934	-5.10376	4.78985	8.15271	1.51296	1
cg20219287	4.06E-05	0.21902	-4.56579	0.000375241	0.332056	-3.01154	0.0277383	1.65593	1.65593	0.0651587	0.6694	-1.49387	23.5103	13.9926	0.529037	1
cg02453134	0.450313	0.815257	-1.22661	0.0061539	0.387129	-2.58312	0.000884857	0.266352	-3.75443	0.858247	0.953637	-1.04862	16.0818	17.9588	0.992636	1
cg04134015	0.516448	0.869394	-1.15023	0.00612102	0.467154	-2.14062	0.00668074	0.473028	-2.11404	0.0725827	1.53141	1.53141	12.2423	8.77568	0.637182	1
cg01816482	0.0163655	0.176664	-5.66048	9.55E-05	0.0165162	-60.5466	0.85985	1.11004	1.11004	0.00369673	0.09853	-10.1492	9.23262	51.0239	4.91242	1
cg03456393	0.0285188	0.457353	-2.1865	0.0578056	0.522423	-1.91416	0.20971	0.670204	-1.49208	0.914738	0.968102	-1.03295	6.83134	9.91333	1.28992	1
cg18062138	0.0846043	1.11867	1.11867	0.00631277	1.23257	1.23257	0.32839	1.0611	1.0611	0.0329089	1.15799	1.15799	5.59611	0.306328	0.0486573	1
cg21380280	0.0898583	0.80804	-1.23756	0.00251115	0.619732	-1.6136	0.00355241	0.63737	-1.56895	0.395325	0.905524	-1.10433	5.27936	1.08666	0.182962	1
cg00442931	0.568736	0.893619	-1.11905	0.0640406	0.666042	-1.50141	0.59714	0.901091	-1.10977	0.305003	0.812683	-1.23049	4.68321	2.82808	0.536779	1
cg20860515	0.16868	0.79267	-1.26156	0.328196	0.852245	-1.17337	0.996767	0.999358	-1.00064	0.796662	1.04175	1.04175	4.00429	1.59159	0.353308	1
cg16241473	0.0284002	0.382704	-2.61298	0.0147107	0.327977	-3.049	0.590868	0.817516	-1.22322	0.0990896	0.511042	-1.95679	3.74085	8.16678	1.94056	1
cg24721157	0.643121	1.06615	1.06615	0.00187555	1.83196	1.83196	0.779716	0.962237	-1.03924	0.00507409	1.66296	1.66296	4.02242	1.20076	0.265348	1
cg19636302	0.72038	1.19351	1.19351	0.370065	0.635708	-1.57305	0.849073	0.910501	-1.0983	0.00985064	4.97974	4.97974	5.04461	19.3512	3.4098	1
cg27384074	0.615232	1.14096	1.14096	0.679968	0.897688	-1.11397	0.425559	0.809187	-1.23581	0.168046	0.682303	-1.46562	4.17288	4.47476	0.953193	1
cg13588954	0.262611	1.43785	1.43785	0.00871519	2.82688	2.82688	0.0175102	2.45723	2.45723	0.00288275	3.5759	3.5759	10.8858	16.6662	1.36089	1
cg14279439	0.299946	0.699744	-1.42909	0.00964691	0.336629	-2.97063	?	?	?	0.0338528	0.43891	-2.27837	10.0766	15.6722	1.55531	1
cg27519693	0.00659407	0.418283	-2.39073	0.184859	0.706472	-1.41548	0.0113682	0.457057	-2.18791	0.0452493	0.566901	-1.76398	9.69607	9.37534	0.859486	1
cg18478750	0.174329	0.697965	-1.43274	0.195	0.710982	-1.4065	0.012501	2.16676	2.16676	0.0680191	1.66293	1.66293	7.22637	7.08719	0.871769	1
cg01990304	0.865072	1.02069	1.02069	0.0435598	1.32243	1.32243	0.00656781	0.653691	-1.52978	0.000868986	1.8252	1.8252	6.38596	1.46674	0.204162	1
cg27391679	0.0794805	4.81622	4.81622	0.0251084	8.59769	8.59769	0.118467	3.93042	3.93042	0.0868185	4.60584	4.60584	4.06899	42.028	9.18119	1
cg26838636	0.388759	0.883673	-1.13164	0.00906719	0.628569	-1.59092	0.689558	1.05783	1.05783	0.873484	1.02256	1.02256	3.55741	1.10443	0.275964	1
cg20417723	1.60E-05	0.309336	-3.23273	1.14E-06	0.188926	-5.29308	0.264148	0.857735	-1.16586	2.26E-05	0.326471	-3.06306	51.1132	14.0724	0.244728	1
cg06398138	0.12095	0.714433	-1.39971	1.89E-05	0.175542	-5.69663	0.749206	0.937879	-1.06624	0.00145353	0.398629	-2.5086	19.2646	12.1993	0.562889	1
cg20122043	0.00216134	0.317672	-3.1479	0.000101757	0.159869	-6.25513	0.437462	1.23486	1.23486	0.038926	0.529042	-1.89021	18.4609	20.7396	0.998605	1
cg15964611	0.00559103	0.550853	-1.81537	2.72E-05	0.257515	-3.88327	0.462641	1.13035	1.13035	0.713883	1.0622	1.0622	14.6652	6.23753	0.37807	1
cg19151121	0.59533	1.04841	1.04841	9.29E-05	0.54067	-1.84956	0.000339271	1.66389	1.66389	0.0141494	1.30602	1.30602	13.1	1.61339	0.109475	1
cg06379368	0.623965	1.07418	1.07418	0.0577417	1.36444	1.36444	0.318543	1.16102	1.16102	0.021912	0.671507	-1.48919	10.1379	3.36763	0.295273	1
cg26283170	0.0914205	1.72823	1.72823	8.05E-05	8.12258	8.12258	0.000687754	4.59758	4.59758	0.927046	1.02732	1.02732	10.1378	13.9087	1.21953	1
cg25187338	0.825418	0.961557	-1.03998	0.000905237	2.41301	2.41301	0.516981	1.12365	1.12365	0.390596	0.855474	-1.16894	9.26049	4.61807	0.443276	1
cg12697833	0.0144598	0.457009	-2.18814	0.554331	0.856068	-1.16813	0.453641	1.21938	1.21938	0.00227221	0.329792	-3.03221	8.1439	8.70785	0.950443	1
cg13296579	0.0432258	0.424512	-2.35565	0.000366465	0.122105	-8.18966	0.0354772	0.405732	-2.46468	0.00749521	0.281332	-3.55452	8.13931	17.4999	1.91116	1
cg00232735	0.217582	0.46784	-2.13748	0.0777673	0.317295	-3.15164	0.907422	0.934141	-1.0705	0.319417	0.547409	-1.82679	7.45954	40.5167	4.82802	1
cg08327706	0.0350646	5.29198	5.29198	0.00267977	16.7135	16.7135	0.0187551	6.90677	6.90677	0.176044	2.65416	2.65416	6.24927	45.5698	6.48179	1
cg14483831	0.473729	0.70969	-1.40907	0.0284365	0.29606	-3.3777	0.255778	1.74777	1.74777	0.947172	1.03168	1.03168	5.94227	20.8465	3.11837	1
cg24829292	0.337207	1.25717	1.25717	0.000314504	3.86037	3.86037	0.140118	1.44363	1.44363	0.752561	1.0759	1.0759	5.75154	4.87366	0.753214	1
cg12591625	0.120941	1.52377	1.52377	0.0770836	1.63609	1.63609	0.117229	1.53137	1.53137	0.715443	1.09603	1.09603	5.72087	5.68321	0.883038	1
cg20418125	0.200916	0.426602	-2.3441	0.00715865	0.111907	-8.93596	0.00688666	0.110098	-9.08279	0.0780307	0.290862	-3.43806	5.21539	32.854	5.59949	1
cg18413062	0.065499	0.424666	-2.35479	0.00642719	0.230261	-4.34289	0.0596277	0.414512	-2.41248	0.0144893	0.287075	-3.48341	5.02764	13.667	2.41633	1
cg20972294	0.212689	1.54324	1.54324	0.196516	0.636718	-1.57055	0.85131	1.064	1.064	0.0198374	0.394656	-2.53385	4.74164	8.20648	1.53842	1
cg09634031	0.0263213	0.438367	-2.28119	0.0172488	0.403275	-2.4797	0.124671	0.594312	-1.68262	0.255265	0.689499	-1.45033	4.70398	7.29999	1.37944	1
cg01751181	0.698095	1.142	1.142	0.0242586	0.400558	-2.49652	0.0279648	2.4219	2.4219	0.035327	2.30456	2.30456	4.66564	8.57457	1.63361	1
cg24250669	0.78296	0.902111	-1.10851	0.000986856	0.160933	-6.21378	0.840503	0.92758	-1.07807	0.278706	0.656919	-1.52226	4.58463	10.1062	1.95943	1
cg07230581	0.82306	0.912383	-1.09603	0.0103355	0.266414	-3.75355	0.381677	1.4439	1.4439	0.064309	0.426961	-2.34213	4.54073	12.0551	2.35989	1
cg04745004	0.256306	1.23828	1.23828	0.00454865	1.97722	1.97722	0.644747	1.08735	1.08735	0.0489069	0.666569	-1.50022	4.40732	2.27087	0.458001	1
cg11687330	0.031294	20.5549	20.5549	0.00489188	86.7242	86.7242	0.0137864	38.1966	38.1966	0.0456557	15.5177	15.5177	4.29692	97.4405	20.1572	1
cg08357627	0.167587	1.82065	1.82065	0.143035	0.526668	-1.89873	0.0621514	0.42511	-2.35233	0.0970783	2.09973	2.09973	4.16271	10.94	2.33608	1
cg23925241	0.144963	0.488932	-2.04528	0.0489846	0.357909	-2.79401	0.562106	1.30725	1.30725	0.384753	0.665413	-1.50283	4.10985	13.6003	2.9415	1
cg04913291	0.459094	0.695402	-1.43802	0.0394072	0.31717	-3.15289	0.282726	0.583979	-1.71239	0.124754	0.448942	-2.22746	4.09699	15.0682	3.26923	1
cg26906285	0.832456	1.02581	1.02581	0.88526	0.98278	-1.01752	0.00883279	0.669636	-1.49335	0.0292176	0.734118	-1.36218	3.99684	0.916097	0.203738	1
cg17417573	0.586528	0.794482	-1.25868	0.0335018	0.35324	-2.83094	0.10612	0.477431	-2.09454	0.130564	0.504587	-1.98182	3.9637	11.0176	2.47078	1
cg01311955	0.11044	0.585659	-1.70748	0.472834	0.798857	-1.25179	0.132716	1.647	1.647	0.00214163	0.26545	-3.76718	3.88262	5.81702	1.33175	1
cg26237595	0.250673	0.516949	-1.93443	0.0391683	0.269287	-3.71351	0.128312	0.405085	-2.46862	0.433629	0.644547	-1.55148	3.86081	18.4768	4.254	1
cg02664787	0.137343	0.535291	-1.86814	0.00194376	0.180534	-5.53912	0.0388078	0.392843	-2.54555	0.0896321	0.481526	-2.07673	3.82555	9.24093	2.14718	1
cg08683938	0.0512683	5.14836	5.14836	0.0316096	6.428	6.428	0.592084	0.670767	-1.49083	0.494019	1.66993	1.66993	3.62239	31.2724	7.67387	1
cg11747462	0.222521	0.484067	-2.06583	0.0208801	0.207321	-4.82344	0.0245125	0.219508	-4.55564	0.0547248	0.291346	-3.43235	3.48753	17.6929	4.5095	1
cg01427458	0.068482	4.47092	4.47092	0.0305275	6.46553	6.46553	0.597653	0.676321	-1.47859	0.791773	1.21445	1.21445	3.48069	29.7227	7.59051	1
cg19795594	0.917534	0.968615	-1.0324	0.0176307	2.43258	2.43258	0.841163	0.94009	-1.06373	0.167266	0.635544	-1.57345	8.43229	12.6599	1.33454	1
cg15885337	0.0819061	0.670365	-1.49172	?	?	?	0.172983	0.740195	-1.351	0.0109153	0.515377	-1.94033	7.65909	4.64072	0.605911	1
cg06967998	0.293018	0.862896	-1.15889	0.01282	1.51869	1.51869	0.570223	1.08065	1.08065	0.0613065	0.752003	-1.32978	6.44758	1.86601	0.257256	1
cg16648524	0.0539326	1.61608	1.61608	0.000528983	3.26788	3.26788	0.00712492	2.14362	2.14362	0.901534	1.02753	1.02753	6.1349	4.676	0.677509	1
cg12156287	0.0337121	2.0314	2.0314	0.00115885	3.9107	3.9107	0.0347852	2.0201	2.0201	0.68746	1.12252	1.12252	5.64576	7.30217	1.14968	1
cg18710784	0.00941181	1.56406	1.56406	0.144062	1.23769	1.23769	0.0567231	1.34051	1.34051	0.0109743	1.54291	1.54291	5.2709	1.54128	0.259922	1
cg17242596	0.218226	1.48422	1.48422	0.120292	0.598213	-1.67165	0.143543	1.61482	1.61482	0.00859663	0.359935	-2.77828	4.81963	7.09625	1.30877	1
cg21816377	0.777334	0.955363	-1.04672	0.522421	1.11006	1.11006	0.208107	0.807545	-1.23832	0.0720344	0.723678	-1.38183	4.77748	1.96276	0.365188	1
cg13136241	0.456228	1.33529	1.33529	0.168264	1.74977	1.74977	0.27654	1.5392	1.5392	0.453023	1.33815	1.33815	4.10653	9.44319	2.04405	1
cg08080489	0.10383	1.30948	1.30948	0.0113259	1.61726	1.61726	0.556499	1.09435	1.09435	0.19507	0.812397	-1.23093	3.84823	1.40067	0.323535	1
cg18804963	0.425193	0.74009	-1.35119	0.010404	0.303479	-3.29513	0.506019	1.28326	1.28326	0.109472	0.524671	-1.90596	3.63969	7.8744	1.92309	1
cg26329376	?	?	?	0.259154	1.21738	1.21738	0.393682	0.865707	-1.15512	0.409984	0.870295	-1.14904	5.31445	1.13271	0.213137	1
cg24287362	0.0460976	2.21359	2.21359	0.0330805	2.37819	2.37819	0.00529395	3.58925	3.58925	0.0729918	2.00424	2.00424	3.40642	6.52132	1.70171	1
cg22821597	0.0901266	0.828092	-1.2076	0.050498	1.25245	1.25245	0.352857	0.907967	-1.10136	0.454548	0.925953	-1.07997	13.4426	2.17145	0.143586	1
cg20114929	0.68569	1.20627	1.20627	0.000609593	11.4058	11.4058	0.00740096	4.90542	4.90542	0.00299328	6.53133	6.53133	6.33322	21.3081	2.99066	1
cg03717424	0.210664	0.523921	-1.90869	0.00171591	0.111541	-8.96529	0.0122007	0.216417	-4.62071	0.163478	0.482458	-2.07272	5.84757	22.2446	3.38141	1
cg01663055	0.0721762	1.84598	1.84598	0.695374	1.12773	1.12773	0.0513753	1.96914	1.96914	0.693182	0.885918	-1.12877	5.00442	7.39579	1.31364	1
cg01042334	0.0106049	1.42292	1.42292	8.08E-05	2.18273	2.18273	0.513931	1.07535	1.07535	0.676239	1.04717	1.04717	19.6148	3.74154	0.169557	1
cg26256223	0.181854	0.546477	-1.8299	0.00166178	0.14683	-6.81059	0.00448776	5.03039	5.03039	0.0101431	3.98593	3.98593	10.8879	31.3526	2.55963	1
cg22882523	0.00672431	1.87768	1.87768	0.020967	1.64532	1.64532	0.000531876	2.62969	2.62969	0.119692	1.35347	1.35347	7.74364	3.94152	0.452445	1
cg04366687	0.0188356	2.93907	2.93907	0.01879	2.94078	2.94078	0.00294772	4.69664	4.69664	0.0165595	3.03157	3.03157	5.79111	13.1677	2.02113	1
cg17698295	0.0957914	2.78692	2.78692	0.670033	1.27142	1.27142	0.00101731	15.3326	15.3326	0.0212924	4.71455	4.71455	5.29405	26.3169	4.41869	1
cg06551418	0.112363	0.671297	-1.48965	0.00257779	0.381613	-2.62045	0.297804	0.779697	-1.28255	0.22153	0.74359	-1.34483	5.22403	4.39831	0.748389	1
cg26199906	0.44037	0.710138	-1.40818	0.130866	0.491831	-2.03322	0.00192802	6.7489	6.7489	0.0372802	2.86226	2.86226	4.96699	14.8865	2.66407	1
cg03309898	0.877746	1.03906	1.03906	0.0105211	0.448776	-2.22828	0.207421	1.39221	1.39221	0.516599	0.849009	-1.17784	4.40941	4.3265	0.872175	1
cg07148318	0.104116	1.67039	1.67039	0.00287085	3.2681	3.2681	0.0668037	1.81007	1.81007	0.0840918	1.73649	1.73649	3.83437	5.06308	1.17373	1
cg06179615	0.13678	0.473097	-2.11373	0.00653333	0.192038	-5.2073	0.879792	1.07322	1.07322	0.70388	0.836679	-1.1952	3.71972	12.8453	3.06959	1
cg03932271	0.2635	0.613994	-1.62868	0.00280024	0.17842	-5.60476	0.949582	0.973886	-1.02681	0.57854	0.790711	-1.26468	3.60437	9.99598	2.46515	1
cg10578482	0.159099	0.524463	-1.90671	0.00398505	0.190147	-5.25908	0.647748	0.820966	-1.21808	0.23962	0.589742	-1.69566	3.55212	10.3462	2.58904	1
cg20229989	0.739234	0.895545	-1.11664	0.487918	0.792373	-1.26203	0.715493	0.886131	-1.1285	0.287853	0.694597	-1.43968	25.9982	44.9074	1.5354	1
cg13246025	0.0747762	1.84276	1.84276	0.969943	0.988462	-1.01167	0.671825	1.14024	1.14024	0.771575	1.0938	1.0938	14.665	22.0316	1.3354	1
cg06654051	0.0278007	0.413038	-2.42109	0.848424	0.937008	-1.06723	0.908104	1.04005	1.04005	0.061356	0.488329	-2.0478	13.0721	23.938	1.62775	1
cg20313902	0.0159614	1.95753	1.95753	0.223753	1.33773	1.33773	0.521252	1.15952	1.15952	0.938419	1.01775	1.01775	12.3101	10.1038	0.729571	1
cg19355212	0.195194	1.47054	1.47054	0.0666913	1.7837	1.7837	0.671311	0.886797	-1.12765	0.730046	1.10241	1.10241	6.6754	8.37533	1.11525	1
cg03822658	0.17183	1.71706	1.71706	0.0525331	2.26895	2.26895	0.492922	0.771962	-1.2954	0.568447	1.23894	1.23894	6.01804	13.1668	1.9448	1
cg01556519	0.596965	0.832708	-1.2009	0.000796135	0.175883	-5.68559	0.893339	1.0471	1.0471	0.00288785	0.245228	-4.07784	6.68078	12.4533	1.65694	1
cg06325687	0.295031	0.64112	-1.55977	0.857045	1.0766	1.0766	0.606232	1.23719	1.23719	0.243269	0.606648	-1.6484	4.58083	12.1568	2.35897	1
cg15337017	0.181403	0.606383	-1.64912	0.00267655	0.231381	-4.32189	0.00513245	0.271593	-3.68198	0.0338401	0.417444	-2.39553	6.04657	11.9054	1.75017	1
cg00516867	0.0706611	0.255883	-3.90804	0.00352327	0.0692651	-14.4373	0.0107681	0.115105	-8.68774	0.0508266	0.222845	-4.48742	5.09827	36.7642	6.40988	1
cg19698923	0.001867	1.56123	1.56123	0.688447	1.04153	1.04153	0.659191	0.956185	-1.04582	0.135072	1.17659	1.17659	55.0299	8.88138	0.143459	1
cg16554145	0.0460506	0.673124	-1.48561	0.65613	0.925341	-1.08068	5.23E-06	5.98908	5.98908	0.000651093	0.404502	-2.47217	26.1826	12.431	0.422027	1
cg03292284	0.0325676	0.636107	-1.57206	0.282229	0.817029	-1.22395	0.925252	1.01712	1.01712	0.741043	0.941789	-1.06181	9.39813	4.86782	0.460406	1
cg25389462	0.00504354	0.593156	-1.6859	0.0294887	0.696964	-1.43479	0.718492	1.0523	1.0523	0.497412	1.10188	1.10188	7.65509	2.40456	0.279211	1
cg08634082	0.0619347	0.374451	-2.67058	0.00808193	0.204923	-4.87987	0.00925448	0.213648	-4.68059	0.0886429	0.415744	-2.40533	5.24042	18.1237	3.07418	1
cg01560900	0.256632	0.601122	-1.66356	0.0263688	0.322385	-3.10188	0.21277	1.75783	1.75783	0.997035	0.998404	-1.0016	4.50915	13.1957	2.60127	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00067102	OPN3	0.0305706	0.436598	0.916958	-1.09056	0.00635215	1.47413	1.47413	0.0176255	1.37082	1.37082	0.0984826	1.21888	1.21888	0.0561276	1.26656	1.26656	0.668508	1.04818	1.04818	0.0745979	0.804959	-1.2423	0.402275	1.09816	1.09816	0.130663	1.19519	1.19519	4.05955	0.767197	0.167987	1
cg02820309	OPN3	0.0437677	0.0285129	0.280949	-3.55937	0.550585	1.34534	1.34534	0.326662	0.608091	-1.64449	0.141979	0.460453	-2.17177	0.0119079	0.213999	-4.67292	0.162788	0.480995	-2.07902	0.0150577	0.230467	-4.33902	0.0154146	0.232168	-4.30722	0.190816	0.506392	-1.97475	3.5623	13.6137	3.39699	1
cg19367800	OPN3;OPN3	0.00181574	0.0210702	0.762625	-1.31126	0.202387	1.14049	1.14049	0.00258152	0.66498	-1.5038	0.00829981	0.719211	-1.39041	0.103705	0.840468	-1.18981	0.00343693	0.678305	-1.47426	0.000290499	0.561483	-1.781	0.458469	1.07652	1.07652	0.205264	1.13944	1.13944	9.91671	1.49835	0.134305	1
cg09261262	OPN4;OPN4	0.0033782	0.908403	0.979102	-1.02134	0.484039	0.877656	-1.1394	0.405655	1.16896	1.16896	0.883809	1.0272	1.0272	0.000169122	0.309103	-3.23517	0.196619	0.778399	-1.28469	0.0086396	1.84846	1.84846	0.0257592	1.62567	1.62567	0.444938	1.1536	1.1536	8.26083	4.40523	0.474016	1
cg06533529	OPN4;OPN4	0.0167357	0.0796897	1.31805	1.31805	0.649919	0.937181	-1.06703	0.14569	0.801074	-1.24832	0.12659	1.26445	1.26445	0.113853	0.783297	-1.27666	0.520743	1.09683	1.09683	0.00813206	1.61778	1.61778	0.00862432	0.621545	-1.60889	0.120089	0.787081	-1.27052	4.99557	1.59506	0.283817	1
cg26924679	OPN4;OPN4	0.0455198	0.0112821	2.1103	2.1103	0.0583833	1.65418	1.65418	0.210465	1.36415	1.36415	0.00472789	2.41848	2.41848	0.660406	0.901188	-1.10965	0.0617486	1.64067	1.64067	0.16192	1.42111	1.42111	0.811729	1.05776	1.05776	0.151499	1.43568	1.43568	3.51039	3.07874	0.779588	1
cg00057324	OPN5	0.00345734	0.0289986	1.41357	1.41357	0.00158115	0.543352	-1.84043	0.00164377	0.545475	-1.83326	0.049021	1.35283	1.35283	0.387188	1.12658	1.12658	0.378299	1.12925	1.12925	0.963832	1.00612	1.00612	0.0115929	0.654171	-1.52865	0.994832	0.99913	-1.00087	8.20385	2.34937	0.254555	1
cg20906802	OPN5	0.00488688	0.440867	0.720496	-1.38793	0.0239096	0.324984	-3.07708	0.00202535	0.162741	-6.14474	0.837015	1.08971	1.08971	0.00078011	0.120076	-8.32803	0.523409	0.763591	-1.3096	0.00149478	0.148139	-6.75044	0.0289476	0.341631	-2.92713	0.110665	0.484334	-2.06469	7.39001	20.3601	2.44897	1
cg22852840	OPN5	0.0173924	0.0990708	0.418898	-2.38722	0.214041	0.532844	-1.87672	0.0147382	0.235906	-4.23899	0.253605	0.563428	-1.77485	0.00124468	0.103315	-9.67918	0.802182	0.886217	-1.12839	0.00534931	0.171125	-5.84367	0.0339731	0.303889	-3.29068	0.156211	0.481947	-2.07492	4.93166	18.0861	3.25986	1
cg11801512	OPN5	0.0429991	0.936621	1.02343	1.02343	0.00556042	2.88847	2.88847	0.610853	1.16119	1.16119	0.174867	1.52231	1.52231	0.0802345	0.568269	-1.75973	0.0276246	0.468399	-2.13493	0.513336	0.824443	-1.21294	0.409642	1.27835	1.27835	0.84633	0.945062	-1.05813	3.58588	4.81648	1.19394	1
cg20497205	OPN5;OPN5	0.000160109	0.821108	1.04657	1.04657	0.344069	0.822124	-1.21636	0.00902899	0.513242	-1.9484	0.585267	1.11711	1.11711	0.416556	1.18159	1.18159	0.464552	1.16136	1.16136	1.56E-06	0.0873557	-11.4474	0.610312	0.901866	-1.10881	0.416701	0.846364	-1.18152	19.5107	12.4795	0.568554	1
cg14691497	OPN5;OPN5	0.000229947	0.0317764	1.45388	1.45388	0.00027209	2.42838	2.42838	0.112082	1.29337	1.29337	0.854857	0.973141	-1.0276	2.74E-05	0.29235	-3.42056	0.165032	0.802352	-1.24634	0.00494656	0.574984	-1.73918	0.0558743	0.724646	-1.37998	0.0855163	0.753807	-1.3266	17.6881	6.19341	0.311241	1
cg00579807	OPN5;OPN5	0.00121434	0.154289	1.33347	1.33347	0.15212	0.74862	-1.33579	0.00494716	0.495395	-2.01859	0.401676	1.17585	1.17585	0.336224	1.20579	1.20579	0.66509	1.08567	1.08567	4.21E-05	0.22972	-4.35312	0.00551962	0.502411	-1.9904	0.47198	0.871036	-1.14806	11.134	6.28043	0.501403	1
cg03633706	OPN5;OPN5	0.00939852	0.130328	0.532505	-1.87792	0.124334	0.52635	-1.89988	0.0659169	0.451233	-2.21615	0.0488612	0.419987	-2.38103	0.0108122	0.290933	-3.43722	0.117403	0.518973	-1.92688	0.000295517	0.102976	-9.71096	0.00947509	0.281425	-3.55334	0.132215	0.534403	-1.87125	6.02878	14.2028	2.09407	1
cg26931063	OPN5;OPN5;OPN5	0.000377478	0.0308551	0.446999	-2.23714	0.150022	0.612562	-1.63249	0.00648844	0.32505	-3.07645	0.233355	1.48714	1.48714	7.02E-05	0.0998313	-10.0169	0.197473	1.54139	1.54139	0.000679625	0.192197	-5.203	0.000113881	0.116317	-8.59719	0.0198855	0.409519	-2.44189	15.4448	24.6742	1.42006	1
cg09970593	OPRD1	0.000669571	0.00721246	0.394373	-2.53567	0.000437262	0.225128	-4.44193	0.0273346	0.496294	-2.01493	0.191215	0.689826	-1.44964	0.00804769	0.402145	-2.48667	0.0020385	0.311368	-3.21164	0.000381656	0.218254	-4.58181	6.97E-05	0.14243	-7.02101	0.0537209	0.555566	-1.79996	13.1739	15.0222	1.0136	1
cg19738506	OPRD1	0.000883778	0.000437731	0.101206	-9.88083	0.000190304	0.074803	-13.3684	0.0388583	0.373067	-2.68049	0.492668	0.750318	-1.33277	0.000212322	0.077951	-12.8286	0.361027	0.679016	-1.47272	0.0377736	0.370369	-2.70001	0.0119765	0.274598	-3.64168	0.00262687	0.179611	-5.5676	12.1852	32.8008	2.39277	1
cg03397031	OPRD1	0.00243294	0.838271	1.05196	1.05196	0.773711	1.07406	1.07406	0.991078	0.997233	-1.00278	0.98537	0.995466	-1.00455	0.000139264	0.195727	-5.10915	0.00182261	0.333499	-2.99851	0.129762	1.50027	1.50027	0.03834	1.8127	1.8127	0.879627	1.03827	1.03827	9.10457	8.85735	0.864753	1
cg18140917	OPRD1	0.0024642	0.0190455	0.703563	-1.42134	0.0463445	1.32672	1.32672	0.000154667	0.448002	-2.23213	0.0397165	1.34257	1.34257	0.679817	1.05275	1.05275	0.438531	1.10283	1.10283	0.0625896	1.2964	1.2964	0.272532	0.868077	-1.15197	0.13994	0.821409	-1.21742	9.07045	2.20446	0.216034	1
cg19869139	OPRD1	0.00308185	0.00599173	0.179548	-5.56953	0.231893	1.82115	1.82115	0.464489	1.42753	1.42753	0.964861	0.979158	-1.02129	0.000288433	0.0591155	-16.916	0.0250718	0.279654	-3.57584	0.0291793	0.292645	-3.41711	0.881758	1.07375	1.07375	0.0031413	0.145103	-6.89166	8.48998	30.7366	3.21808	1
cg02785792	OPRD1	0.00869966	0.014206	0.667893	-1.49725	0.00178391	0.5525	-1.80995	0.218813	1.18835	1.18835	0.00883509	0.640976	-1.56012	0.0667013	0.760088	-1.31564	0.247808	0.851109	-1.17494	0.00263118	0.573767	-1.74287	0.258851	0.854546	-1.17021	0.554011	0.923236	-1.08315	6.17848	1.74211	0.250634	1
cg11413657	OPRD1	0.0197759	0.028754	0.356796	-2.80273	0.00256571	0.188094	-5.31649	0.806832	0.906753	-1.10284	0.471815	1.33969	1.33969	0.0414012	2.55967	2.55967	0.22087	0.59796	-1.67235	0.316077	1.5131	1.5131	0.0443561	0.397417	-2.51625	0.512542	0.766912	-1.30393	4.7226	11.9413	2.24758	1
cg26064535	OPRD1	0.0223541	0.0334906	0.261399	-3.82556	0.432336	0.648687	-1.54158	0.202029	0.483081	-2.07005	0.410859	0.634953	-1.57492	0.0149969	0.198869	-5.02843	0.28081	1.8321	1.8321	0.0015447	0.0854724	-11.6997	0.452708	0.661545	-1.51161	0.0307199	0.253908	-3.93844	4.52904	20.9247	4.10678	1
cg08366446	OPRD1	0.0486445	0.395323	1.98044	1.98044	0.0761839	4.80215	4.80215	?	?	?	0.173438	0.318648	-3.13826	0.806336	0.825179	-1.21186	0.0204207	0.105253	-9.5009	?	?	?	0.147618	3.41566	3.41566	0.0588582	5.47925	5.47925	3.83072	28.2551	7.37592	1
cg09999109	OPRK1	1.28E-06	0.132063	1.12439	1.12439	0.00450935	1.31394	1.31394	0.00077488	0.692848	-1.44332	0.162764	0.898099	-1.11346	0.134876	0.890242	-1.12329	5.91E-05	0.584958	-1.70952	3.31E-08	0.238034	-4.20107	0.00110265	1.41476	1.41476	0.000921344	1.42912	1.42912	68.8079	5.66943	0.07324	1
cg06808751	OPRK1	2.17E-06	0.381112	0.841462	-1.18841	0.583188	0.898991	-1.11236	0.0109477	1.847	1.847	0.942786	0.986303	-1.01389	0.0798713	1.45272	1.45272	0.0582516	0.662834	-1.50867	6.44E-05	0.243872	-4.10051	3.35E-08	45.5521	45.5521	0.102231	1.41007	1.41007	60.1833	35.1915	0.519768	1
cg25179685	OPRK1	5.14E-05	0.221007	1.22227	1.22227	0.0199751	0.645268	-1.54974	3.17E-05	0.282464	-3.54027	0.000597103	0.437563	-2.28539	6.28E-06	0.207168	-4.82701	0.504636	1.1114	1.1114	0.000115499	0.348312	-2.87099	0.00334025	0.536277	-1.86471	0.00136323	0.484264	-2.06499	26.4261	10.1862	0.342632	1
cg10095242	OPRK1	0.000118072	0.0548457	1.51532	1.51532	0.585012	1.11099	1.11099	0.113437	1.38925	1.38925	0.461883	0.866795	-1.15368	0.619555	1.10024	1.10024	0.27365	1.24287	1.24287	0.987419	0.996995	-1.00301	8.76E-07	12.1227	12.1227	0.387364	1.18425	1.18425	21.1769	12.2178	0.512836	1
cg27516302	OPRK1	0.00356696	0.277554	0.786112	-1.27208	0.555479	0.880657	-1.13552	0.148209	0.718529	-1.39173	0.441704	0.846043	-1.18197	0.418206	0.838368	-1.19279	0.0392924	0.601562	-1.66234	5.05E-05	0.198034	-5.04963	0.10406	1.46046	1.46046	0.525718	0.87194	-1.14687	8.12756	5.84637	0.639402	1
cg05027549	OPRK1	0.00453055	0.590473	0.815373	-1.22643	0.199908	0.601241	-1.66323	0.00248048	0.205942	-4.85574	0.333158	0.687251	-1.45507	0.325394	0.682825	-1.4645	0.935088	1.03108	1.03108	0.00096215	0.157696	-6.34132	0.00123484	0.169555	-5.89779	0.00396634	0.233286	-4.28658	7.56218	16.9056	1.98715	1
cg20549250	OPRK1	0.00642998	0.000415436	0.240302	-4.16143	0.632547	1.13049	1.13049	0.359865	1.27084	1.27084	0.267571	1.34185	1.34185	0.544456	0.855402	-1.16904	0.554637	0.858852	-1.16434	0.0327018	1.88939	1.88939	0.546429	0.856073	-1.16813	0.00661045	0.407509	-2.45393	6.79215	6.97316	0.912578	1
cg13405783	OPRK1	0.00793236	?	?	?	0.763358	1.12461	1.12461	0.00768539	4.00228	4.00228	0.309253	1.50868	1.50868	0.648535	0.836454	-1.19552	0.28244	1.5477	1.5477	?	?	?	0.00217147	5.86239	5.86239	0.00169358	6.35689	6.35689	7.58458	13.8228	1.82249	1
cg25614094	OPRK1	0.039487	0.75836	1.05522	1.05522	0.0533939	1.46554	1.46554	0.00785768	1.81143	1.81143	0.555772	1.10937	1.10937	0.396587	0.859663	-1.16325	0.0873639	1.38924	1.38924	0.148345	0.763325	-1.31006	0.0142477	1.69318	1.69318	0.354771	1.18037	1.18037	3.70067	1.77839	0.427162	1
cg11701471	OPRK1;OPRK1	0.0111051	0.353816	1.46432	1.46432	0.879894	1.06231	1.06231	0.40094	1.41018	1.41018	0.494475	1.31965	1.31965	0.636558	1.2096	1.2096	0.522734	0.771845	-1.2956	0.117525	0.506801	-1.97316	0.000180634	12.599	12.599	0.696823	0.855104	-1.16945	5.71498	14.4667	2.2501	1
cg01256165	OPRL1;C20orf201;OPRL1	0.00454348	0.000651934	0.346164	-2.8888	0.00971162	0.514794	-1.94253	0.432414	0.849913	-1.17659	0.976351	0.994001	-1.00603	0.00642384	0.48697	-2.05351	0.0720807	0.665317	-1.50304	0.0171945	1.80266	1.80266	0.361976	1.20948	1.20948	0.344113	0.82053	-1.21873	7.55564	4.93002	0.579996	1
cg03774988	OPRL1;C20orf201;OPRL1	0.0103666	0.00777507	0.407674	-2.45294	0.0546615	0.564249	-1.77227	0.00684812	0.398731	-2.50796	0.706914	0.905589	-1.10425	0.00608959	0.390572	-2.56035	0.812805	0.939618	-1.06426	0.0328904	1.92542	1.92542	0.0455934	0.547807	-1.82546	0.0775422	0.597438	-1.67381	5.84286	6.37836	0.970355	1
cg13277040	OPRL1;C20orf201;OPRL1	0.01188	0.0204026	0.458021	-2.18331	0.195181	0.681943	-1.4664	0.0748128	0.574402	-1.74094	0.5302	1.19442	1.19442	0.00281639	0.31674	-3.15716	0.946062	0.981274	-1.01908	0.00748531	2.61675	2.61675	0.170412	0.665042	-1.50367	0.152849	0.651969	-1.53382	5.59169	6.91309	1.09895	1
cg17454746	OPRL1;C20orf201;OPRL1	0.0242214	0.400108	1.6388	1.6388	0.405365	1.62941	1.62941	0.943755	0.960344	-1.04129	0.0943312	2.87114	2.87114	0.178333	0.440382	-2.27075	0.116248	2.66155	2.66155	0.000994422	16.5218	16.5218	0.0267944	4.50193	4.50193	0.216703	2.10742	2.10742	4.40536	22.9467	4.63007	1
cg20754305	OPRL1;C20orf201;OPRL1	0.0272132	0.383189	0.895387	-1.11684	0.317316	1.13625	1.13625	0.626834	1.06241	1.06241	0.0201739	1.41372	1.41372	0.0136925	0.686108	-1.4575	0.305721	0.877176	-1.14002	0.0316575	1.3652	1.3652	0.112683	0.807855	-1.23785	0.134369	0.819159	-1.22076	4.22997	1.02293	0.21496	1
cg24459397	OPRL1;OPRL1	2.10E-05	0.148003	0.881311	-1.13467	0.082829	1.16926	1.16926	0.00248536	0.710141	-1.40817	4.18E-05	0.529915	-1.8871	0.00541971	0.742342	-1.34709	0.576257	0.955075	-1.04704	1.45E-06	2.70796	2.70796	0.0383994	1.21569	1.21569	0.33955	0.922989	-1.08344	33.4485	3.51109	0.0933066	1
cg17780565	OPRL1;OPRL1	0.00290894	0.0762083	0.739794	-1.35173	0.0917631	0.753062	-1.32791	0.00197013	0.512681	-1.95053	0.647563	0.932101	-1.07285	7.32E-05	0.332202	-3.01022	0.696875	0.941951	-1.06163	0.377463	1.14837	1.14837	0.330738	0.857858	-1.16569	0.957105	0.991817	-1.00825	8.63677	3.19226	0.328544	1
cg15658985	OPRM1	0.00109112	0.0880487	0.651641	-1.53459	0.0027041	0.389552	-2.56705	0.000442253	0.283071	-3.53268	0.00425587	0.418843	-2.38753	0.000159117	0.230246	-4.34318	0.0307095	0.561328	-1.78149	0.00080275	0.316321	-3.16135	0.620094	0.892538	-1.1204	0.0789685	0.641612	-1.55857	11.4787	9.40941	0.728647	1
cg17256711	OPRM1;OPRM1;OPRM1	0.0276437	0.603286	0.78372	-1.27597	0.94421	0.967992	-1.03307	0.124934	0.462058	-2.16423	0.115084	0.450947	-2.21755	0.000958826	0.101621	-9.84045	0.284556	1.67652	1.67652	0.348683	1.5659	1.5659	0.830775	0.905309	-1.10459	0.0673607	0.385658	-2.59297	4.2067	14.3951	3.04173	1
cg03187135	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.0347096	0.967156	0.993303	-1.00674	0.0865618	0.734226	-1.36198	0.0505953	0.695211	-1.43841	0.698198	0.938393	-1.06565	0.186861	1.25649	1.25649	0.451793	1.13326	1.13326	0.00338743	1.91589	1.91589	0.994827	0.998943	-1.00106	0.148955	0.776794	-1.28734	3.8788	1.63597	0.374909	1
cg10143581	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.000729223	0.840917	0.957291	-1.04461	0.0652984	1.56735	1.56735	0.528907	0.870623	-1.1486	1.80E-05	0.149201	-6.70238	0.00293694	0.411808	-2.42832	0.291669	0.788498	-1.26823	0.055888	1.60064	1.60064	0.155011	0.718545	-1.3917	0.32964	0.80373	-1.2442	12.8626	9.6088	0.664032	1
cg22370006	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.00363738	0.703552	0.922761	-1.0837	0.0384846	0.604039	-1.65552	0.00759598	2.05822	2.05822	0.925274	0.980469	-1.01992	0.0630118	0.644219	-1.55227	0.23546	0.769951	-1.29878	0.000819252	0.346342	-2.88732	0.00616871	2.1193	2.1193	0.275224	0.787674	-1.26956	8.08008	5.65718	0.622346	1
cg15085086	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.0335575	0.808317	0.914924	-1.09299	0.0429462	2.34479	2.34479	0.0405442	2.37566	2.37566	0.272414	1.51878	1.51878	0.0214615	0.363954	-2.7476	0.0432518	0.427165	-2.34101	0.12719	0.546925	-1.8284	0.713389	1.14449	1.14449	0.226999	1.59044	1.59044	3.92633	8.32216	1.88407	1
cg22719623	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.0383648	0.469028	1.25136	1.25136	0.510109	0.815977	-1.22552	0.0223198	2.30125	2.30125	0.00272722	3.52367	3.52367	0.924879	0.971701	-1.02912	0.987751	1.00468	1.00468	0.116145	0.594673	-1.6816	0.17873	1.54472	1.54472	0.770158	0.914685	-1.09327	3.74003	5.48808	1.30434	1
cg04170440	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.000210112	0.000149638	0.359462	-2.78194	0.00362747	0.538828	-1.85588	0.0148934	0.624715	-1.60073	8.49E-05	0.329701	-3.03305	0.000377969	0.409662	-2.44104	0.000521702	0.427516	-2.33909	0.00040054	0.412861	-2.42212	0.000967427	0.462248	-2.16334	0.000505906	0.425804	-2.3485	18.127	7.08492	0.347422	1
cg05215925	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPR	0.000545027	0.108039	0.875977	-1.14158	0.00738146	1.29784	1.29784	0.398352	0.936786	-1.06748	0.000451629	1.5183	1.5183	0.300304	1.08443	1.08443	0.124748	1.13372	1.13372	0.000134097	0.606718	-1.64821	0.00793767	0.77332	-1.29313	0.40037	0.93706	-1.06717	13.9523	1.26019	0.0802852	1
cg04830316	OPTC	7.92E-07	3.40E-07	0.306389	-3.26383	0.137444	0.879798	-1.13662	0.00635161	0.752469	-1.32896	3.86E-07	0.312307	-3.20197	4.82E-07	0.322855	-3.09737	0.00137883	1.44976	1.44976	0.0276493	0.811851	-1.23175	0.0012259	1.46018	1.46018	0.0168473	0.791804	-1.26294	77.837	7.89996	0.0902166	1
cg17267628	OPTC	0.0226082	0.0629789	0.660061	-1.51501	0.0966624	1.43446	1.43446	0.0459714	1.57718	1.57718	0.00809011	1.99022	1.99022	0.0204422	0.570564	-1.75265	0.660669	1.09004	1.09004	0.190613	0.761387	-1.31339	0.243445	1.27077	1.27077	0.995772	0.998967	-1.00103	5.00843	2.95192	0.458415	1
cg27519996	OPTN;OPTN;OPTN;OPTN	0.00609793	0.983995	1.0014	1.0014	0.00640821	1.27958	1.27958	0.0105202	1.25077	1.25077	0.0898453	1.13879	1.13879	0.499973	0.953521	-1.04874	0.329576	0.93245	-1.07244	0.00445019	0.76816	-1.30181	0.025926	0.832109	-1.20177	0.087676	1.14001	1.14001	6.90455	0.528364	0.0680214	1
cg13665852	OPTN;OPTN;OPTN;OPTN	0.00887017	0.309602	1.17471	1.17471	0.00237922	0.522736	-1.91301	0.29922	0.848095	-1.17911	0.938566	0.988265	-1.01187	0.192956	1.2349	1.2349	0.895023	0.979986	-1.02042	0.0012433	2.05962	2.05962	0.820405	1.03544	1.03544	0.156951	0.793091	-1.26089	6.14061	2.28068	0.330142	1
cg07343478	OPTN;OPTN;OPTN;OPTN	0.0278086	0.702952	0.955706	-1.04635	0.0532742	0.771335	-1.29645	0.0345641	1.33833	1.33833	0.237036	1.15776	1.15776	0.820704	1.02721	1.02721	0.187256	1.17972	1.17972	0.0180012	0.71188	-1.40473	0.0134593	0.696421	-1.43591	0.683785	1.04961	1.04961	4.19791	0.929622	0.196843	1
cg13901752	OPTN;OPTN;OPTN;OPTN	0.0303398	0.635767	0.808684	-1.23658	0.0675317	2.52681	2.52681	0.0760347	2.44123	2.44123	0.0147662	0.251832	-3.9709	0.0144662	0.250237	-3.9962	0.597194	1.26797	1.26797	0.0372707	0.332726	-3.00548	0.398823	0.680174	-1.47021	0.999779	0.999877	-1.00012	4.48084	13.731	2.38341	1
cg11542402	OPTN;OPTN;OPTN;OPTN	0.0427139	0.462442	1.16008	1.16008	0.0631489	1.5142	1.5142	0.0379423	1.61238	1.61238	0.172102	1.33447	1.33447	0.608745	0.902592	-1.10792	0.337457	0.821761	-1.2169	0.00912679	0.518163	-1.9299	0.559302	0.889399	-1.12435	0.14798	1.36083	1.36083	3.59476	2.24354	0.554766	1
cg02458882	OPTN;OPTN;OPTN;OPTN	0.0428762	0.634783	0.930934	-1.07419	0.0766119	0.744856	-1.34254	0.0660926	0.734667	-1.36116	0.422802	1.13026	1.13026	0.215197	0.82274	-1.21545	0.469993	1.1162	1.1162	0.00161145	0.508477	-1.96666	0.843471	0.970866	-1.03001	0.293064	0.849481	-1.17719	3.5897	1.27168	0.314897	1
cg13864877	OPTN;OPTN;OPTN;OPTN;OPTN;OPTN;OPTN;OPTN	0.0050889	0.356666	0.874881	-1.14301	0.00118804	1.95452	1.95452	0.879343	0.97881	-1.02165	0.0585261	1.35168	1.35168	0.202795	1.20874	1.20874	0.55728	0.919718	-1.08729	0.00182328	0.535438	-1.86763	0.48791	0.905416	-1.10446	0.0461732	0.724622	-1.38003	7.2992	2.29816	0.279867	1
cg05607206	OR10A2	0.0121505	0.806704	1.05634	1.05634	0.0580306	0.619401	-1.61446	0.00262492	0.39408	-2.53755	0.00794368	2.14022	2.14022	0.355665	1.23666	1.23666	0.977508	1.00632	1.00632	0.241551	1.3153	1.3153	0.640067	0.900064	-1.11103	0.0335861	1.7419	1.7419	5.55099	4.39417	0.703646	1
cg09258439	OR10A2	0.0348795	0.0324049	0.249244	-4.01214	0.896389	1.07494	1.07494	0.299051	0.550447	-1.8167	0.383749	0.609321	-1.64117	0.00360763	0.112418	-8.89534	0.0491556	0.287758	-3.47514	0.580926	0.733977	-1.36244	0.0249716	0.227709	-4.39157	0.0158367	0.194094	-5.15213	3.87196	18.868	4.33154	1
cg18142856	OR10A3	0.00279149	0.00323979	0.0845358	-11.8293	0.00118403	0.05362	-18.6498	0.0561609	0.264287	-3.78376	0.909225	0.932233	-1.07269	0.00434908	0.0959163	-10.4258	0.583314	1.40612	1.40612	0.000970079	0.0487612	-20.5081	0.0179656	0.170501	-5.86506	0.00680953	0.115666	-8.64558	8.74284	52.4137	5.32893	1
cg09140665	OR10A3	0.00717794	0.00448364	0.168114	-5.94834	0.12594	0.458781	-2.17969	0.0245776	0.283664	-3.5253	0.073804	0.391501	-2.55427	0.00405444	0.162706	-6.14604	0.0146141	0.242942	-4.11621	0.00101523	0.100889	-9.91187	0.0118902	0.22823	-4.38154	0.035461	0.315942	-3.16514	6.5635	23.0178	3.11728	1
cg06834698	OR10A3	0.0400962	0.0174224	0.195038	-5.12722	0.0358083	0.251788	-3.9716	0.0484709	0.280008	-3.57132	0.921109	1.05753	1.05753	0.00615118	0.132896	-7.5247	0.349857	0.580783	-1.72181	0.953326	0.967489	-1.0336	0.0574027	0.297118	-3.36567	0.0414973	0.265165	-3.77124	3.67988	18.5822	4.48861	1
cg15375826	OR10A4	0.0202105	0.00407947	0.357346	-2.79841	0.353777	1.29008	1.29008	0.00576571	0.380657	-2.62704	0.526792	0.842647	-1.18674	0.00717186	0.395833	-2.52632	0.295787	0.748684	-1.33568	0.708149	0.904481	-1.10561	0.111032	0.629082	-1.58962	0.0762529	0.590612	-1.69316	4.68785	5.29173	1.00339	1
cg04456892	OR10A4	0.033905	0.0516574	0.274322	-3.64536	0.495013	1.49877	1.49877	0.0204009	0.195504	-5.11499	0.769103	0.842058	-1.18757	0.00311916	0.0943489	-10.599	0.621153	0.747564	-1.33768	0.108571	0.359803	-2.7793	0.494695	0.667007	-1.49923	0.0200599	0.194292	-5.1469	3.91178	21.1298	4.8014	1
cg03898365	OR10A4	0.0380041	0.0185975	0.212491	-4.70608	0.118843	0.398948	-2.50659	0.124399	0.405313	-2.46723	0.237427	0.510769	-1.95783	0.0343846	0.261968	-3.81725	0.0345389	0.262365	-3.81148	0.0146156	0.195507	-5.1149	0.00905707	0.16521	-6.0529	0.0377293	0.270313	-3.69942	3.75299	17.5137	4.14809	1
cg05431942	OR10A5	0.000753576	0.000315647	0.141681	-7.05808	0.00521859	0.291139	-3.43478	0.00797026	0.320198	-3.12306	0.00308739	0.257719	-3.88019	0.00014922	0.112867	-8.85999	0.157188	0.602593	-1.6595	0.128032	1.73477	1.73477	0.0303593	0.426463	-2.34487	0.00241256	0.242949	-4.11609	12.7445	22.6273	1.57818	1
cg23386594	OR10A5	0.00221315	0.467568	0.825759	-1.21101	0.00177154	0.315678	-3.16778	0.0196645	0.481959	-2.07487	0.68654	0.900254	-1.1108	0.00862015	0.419976	-2.38109	0.188099	0.696805	-1.43512	0.000744512	0.265548	-3.7658	0.678757	0.897744	-1.1139	0.00023008	0.205096	-4.87577	9.36095	9.94577	0.944422	1
cg23632029	OR10A5	0.00456378	0.532713	0.853776	-1.17127	0.0351053	0.541104	-1.84807	0.0164677	0.480378	-2.08169	0.00358168	0.372698	-2.68314	0.00278006	0.356376	-2.80603	0.939136	0.981077	-1.01929	0.180587	0.700689	-1.42717	0.164097	0.689737	-1.44983	0.000290052	0.227934	-4.38724	7.54542	7.47956	0.881131	1
cg00444390	OR10A6	0.00505318	0.001895	0.0473499	-21.1194	0.00880387	0.0991289	-10.0879	0.21124	0.401457	-2.49093	0.743584	0.796568	-1.25539	0.00344464	0.0637628	-15.6831	0.073911	0.251513	-3.97593	0.00086125	0.031211	-32.04	0.0239129	0.154547	-6.47053	0.015092	0.12628	-7.91893	7.31492	55.6243	6.75931	1
cg13237740	OR10A6	0.00679914	0.508019	0.820695	-1.21848	0.00674542	0.355748	-2.81098	0.00063121	0.213169	-4.69111	0.0310653	0.474841	-2.10597	0.458153	0.800672	-1.24895	0.00538983	0.340268	-2.93886	0.190465	0.664997	-1.50377	0.248765	0.701345	-1.42583	0.00333222	0.308573	-3.24073	6.67539	9.15446	1.219	1
cg26442740	OR10A7	0.000172529	0.000164593	0.120625	-8.29015	0.718413	1.12662	1.12662	0.000524397	0.168696	-5.92783	0.00637934	0.310747	-3.21805	0.00891649	0.334356	-2.99082	0.166557	0.615296	-1.62523	7.27E-06	0.0384523	-26.0063	0.00459268	0.288739	-3.46334	0.0050748	0.295307	-3.38631	19.1209	32.8307	1.52623	1
cg11810736	OR10A7	0.0121811	0.0154952	0.216725	-4.61413	0.313329	0.584493	-1.71089	0.0678226	0.348764	-2.86727	0.00528624	0.150572	-6.64135	0.0495847	0.315494	-3.16963	0.0214891	0.241156	-4.14669	0.0075902	0.170643	-5.86018	0.111139	0.409139	-2.44416	0.0016639	0.098628	-10.1391	5.54645	23.2938	3.73313	1
cg17566394	OR10AD1	0.0139062	0.00438966	0.327599	-3.05251	0.274835	1.39559	1.39559	0.0401953	0.498836	-2.00467	0.34611	0.752277	-1.3293	0.757869	1.09496	1.09496	0.846618	1.05846	1.05846	0.052857	0.524355	-1.90711	0.00814023	0.370183	-2.70137	0.00496182	0.335777	-2.97816	5.31161	7.2404	1.21167	1
cg12142869	OR10AD1	0.0303836	0.0171327	0.113624	-8.80097	0.0213973	0.126245	-7.92111	0.0739007	0.225116	-4.44216	0.250346	0.406911	-2.45754	0.0190642	0.119537	-8.36562	0.411607	0.533422	-1.87469	0.00450191	0.0587542	-17.0201	0.0469403	0.182245	-5.48711	0.0399517	0.169086	-5.91417	4.06842	36.1043	7.88825	1
cg00796672	OR10AD1	0.0423391	0.0264049	0.408672	-2.44695	0.978203	1.00933	1.00933	0.0720606	0.505373	-1.97874	0.257594	0.669265	-1.49418	0.00726779	0.308219	-3.24444	0.195568	0.627964	-1.59245	0.042304	0.451584	-2.21443	0.0304445	0.421224	-2.37404	0.0196712	0.383735	-2.60597	3.60655	6.59944	1.62653	1
cg18099058	OR10AG1	0.000240128	7.26E-05	0.140832	-7.10064	0.000896013	0.259314	-3.85632	0.0192656	0.463719	-2.15648	0.00171306	0.296657	-3.3709	0.916032	0.971778	-1.02904	0.000238377	0.191717	-5.21602	0.00686382	2.58638	2.58638	0.0026186	0.322674	-3.0991	0.0124026	0.42962	-2.32764	17.4808	20.4001	1.03733	1
cg05343512	OR10AG1	0.0031977	0.00103156	0.106109	-9.42426	0.000406241	0.0748185	-13.3657	0.106974	0.444006	-2.25222	0.0352132	0.322469	-3.10107	0.00785506	0.207262	-4.82481	0.00461819	0.175701	-5.6915	0.0119076	0.235002	-4.25528	0.0103733	0.225489	-4.4348	0.0460158	0.348185	-2.87204	8.39725	28.3117	2.99693	1
cg26558366	OR10C1	1.01E-05	0.68327	0.938201	-1.06587	0.000212477	0.381984	-2.61791	3.34E-05	0.286054	-3.49584	0.154732	0.789114	-1.26724	4.61E-06	0.194932	-5.12999	0.0143635	0.625432	-1.59889	0.138975	1.28102	1.28102	9.24E-07	0.132822	-7.52889	0.00030653	0.401883	-2.48828	40.5001	15.5111	0.340434	1
cg08578393	OR10C1	3.97E-05	3.25E-05	0.283094	-3.5324	0.261516	1.20077	1.20077	0.209294	0.813196	-1.22972	0.308581	0.848175	-1.179	4.88E-05	0.303286	-3.29721	0.00148926	0.488775	-2.04593	0.000296845	0.398365	-2.51026	3.80E-06	0.185418	-5.39323	0.00817819	0.589304	-1.69692	28.2879	10.9388	0.343729	1
cg01518591	OR10C1	6.80E-05	0.00194183	0.404316	-2.47331	0.00144029	0.386158	-2.58962	0.000592463	0.334309	-2.99124	0.0452122	0.622144	-1.60734	1.40E-05	0.153888	-6.49825	0.894776	0.973036	-1.02771	6.96E-06	0.127957	-7.81515	0.00670154	0.483645	-2.06763	0.000437195	0.31731	-3.1515	24.5392	16.5823	0.600665	1
cg09495482	OR10C1	0.000212647	0.581327	1.06995	1.06995	0.0200179	0.711253	-1.40597	0.000399125	0.504607	-1.98174	0.126721	0.818297	-1.22205	0.00014196	0.450824	-2.21816	0.00334576	0.615871	-1.62372	4.96E-05	0.396622	-2.52129	0.000162215	0.457743	-2.18463	0.00220025	0.593866	-1.68388	18.0681	4.21696	0.20746	1
cg26995255	OR10C1	0.00129325	0.584931	0.915589	-1.09219	0.187377	0.799786	-1.25033	0.0597201	0.711972	-1.40455	0.0212538	0.642284	-1.55694	0.00114737	0.465697	-2.14732	0.00292734	0.52021	-1.9223	0.00369061	1.87279	1.87279	0.000775236	0.443367	-2.25547	0.0104976	0.597549	-1.6735	10.9353	4.42749	0.359892	1
cg15918355	OR10C1	0.00153832	0.646242	0.926834	-1.07894	0.104857	0.747225	-1.33828	0.000392298	0.395052	-2.53131	8.14E-05	0.310944	-3.21601	0.656354	0.929019	-1.0764	0.250204	0.820739	-1.21841	0.0772608	0.724018	-1.38118	0.0073992	0.567053	-1.7635	0.00679714	0.561803	-1.77998	10.4037	4.45365	0.380518	1
cg14658290	OR10C1	0.00160593	0.581249	0.888444	-1.12556	0.255941	1.28633	1.28633	0.52886	0.873311	-1.14507	0.694615	0.919636	-1.08739	0.000742539	0.337082	-2.96664	0.474109	1.16716	1.16716	0.761439	1.06679	1.06679	5.50E-05	0.203093	-4.92385	0.0980043	0.68019	-1.47018	10.2755	7.33669	0.634668	1
cg21721022	OR10C1	0.00373951	0.00118536	0.190704	-5.24372	0.189929	0.616416	-1.62228	0.0140757	0.347739	-2.87572	0.00461737	0.268862	-3.71938	0.00506957	0.274919	-3.63743	0.308194	0.692407	-1.44424	0.00901101	0.314376	-3.18091	0.00114942	0.189138	-5.28715	0.00745679	0.300965	-3.32265	8.01321	15.4141	1.70986	1
cg05068156	OR10C1	0.00537269	0.561974	0.740822	-1.34985	0.017236	0.226598	-4.41311	0.00668331	0.165266	-6.05085	0.00660807	0.164626	-6.07437	0.00610626	0.160219	-6.24145	0.0737018	0.360571	-2.77338	0.00317251	0.127186	-7.86251	0.00203491	0.108019	-9.25764	0.00599885	0.159242	-6.27975	7.17896	29.7633	3.68525	1
cg01361354	OR10C1	0.00776279	0.0159168	1.56421	1.56421	0.793548	0.961035	-1.04054	0.246191	0.832123	-1.20175	0.0670359	0.732661	-1.36489	0.0256921	1.49411	1.49411	0.639006	0.930908	-1.07422	0.000540309	2.25985	2.25985	0.94653	1.01022	1.01022	0.547128	0.911808	-1.09672	6.40446	2.32915	0.323268	1
cg07817928	OR10C1	0.0148592	0.142906	1.52601	1.52601	0.26406	1.36681	1.36681	0.117399	0.633501	-1.57853	0.566109	0.855827	-1.16846	0.336663	1.30461	1.30461	0.500744	1.20135	1.20135	0.0487034	1.83	1.83	0.00096073	0.267148	-3.74325	0.183388	0.68462	-1.46066	5.19687	5.93012	1.01431	1
cg07396904	OR10G2	8.27E-06	6.63E-05	0.192286	-5.20059	0.374168	0.814151	-1.22827	7.50E-05	0.19784	-5.05459	3.11E-05	0.16012	-6.2453	1.42E-06	0.0628633	-15.9075	1.11E-05	0.121557	-8.22662	0.988444	1.00327	1.00327	0.000551981	0.298579	-3.3492	1.36E-05	0.128689	-7.77066	42.6116	34.2861	0.715217	1
cg23493119	OR10G2	0.00533482	0.0513847	0.429034	-2.33082	0.00176056	0.182662	-5.47459	0.157718	0.56197	-1.77946	0.0306603	0.379569	-2.63457	0.00190327	0.186719	-5.35565	0.0880865	0.487699	-2.05045	0.00191948	0.187164	-5.3429	0.00322489	0.215841	-4.63303	0.0341867	0.389525	-2.56723	7.19454	16.5844	2.04901	1
cg26110281	OR10G4	0.00774842	0.0399674	0.310643	-3.21913	0.00177493	0.111751	-8.94843	0.00670552	0.177013	-5.6493	0.0279764	0.278437	-3.59148	0.00312721	0.136736	-7.31337	0.124024	0.440334	-2.271	0.00785213	0.186415	-5.36438	0.0116975	0.211978	-4.71746	0.0341884	0.296132	-3.37687	6.40819	24.6106	3.41378	1
cg27026371	OR10G4	0.0485746	0.49927	1.15765	1.15765	0.104046	0.684304	-1.46134	0.00884963	0.491028	-2.03654	0.0120873	0.512798	-1.95008	0.201108	1.334	1.334	0.313327	1.24931	1.24931	0.889488	1.03012	1.03012	0.467636	0.854064	-1.17087	0.839506	0.95764	-1.04423	3.42551	2.47168	0.641378	1
cg24874309	OR10G7	0.000899167	0.00775203	0.516796	-1.935	0.000826387	0.378272	-2.6436	0.00108304	0.394068	-2.53763	0.415076	0.851457	-1.17446	0.00118404	0.39933	-2.50419	0.000540899	0.354025	-2.82466	0.000268406	0.315327	-3.17131	0.368312	0.836633	-1.19527	0.184658	0.762164	-1.31205	12.1259	7.15586	0.524561	1
cg17296650	OR10G7	0.0227122	0.0851609	0.717849	-1.39305	0.416964	0.865475	-1.15544	0.0204299	0.614712	-1.62678	0.814631	1.04175	1.04175	0.949802	1.01103	1.01103	0.273437	1.21957	1.21957	0.00185156	2.159	2.159	0.659272	1.08034	1.08034	0.277371	1.21744	1.21744	4.50435	2.16394	0.427032	1
cg18910882	OR10G7	0.0281577	0.197228	0.899898	-1.11124	0.370846	0.93137	-1.07369	0.99214	0.999238	-1.00076	0.326679	1.0815	1.0815	0.0150832	1.25997	1.25997	0.171502	1.11923	1.11923	0.00157184	1.42096	1.42096	0.809202	1.01889	1.01889	0.848542	1.0149	1.0149	4.1795	0.396279	0.0842798	1
cg18858676	OR10G8	9.60E-06	0.612263	1.05833	1.05833	0.000319736	0.524065	-1.90816	4.50E-07	0.2058	-4.85909	0.0182708	1.37402	1.37402	5.35E-05	0.433397	-2.30735	0.180904	1.17066	1.17066	3.04E-05	0.404864	-2.46996	0.0144298	0.715751	-1.39713	0.0492411	0.779608	-1.2827	41.0056	7.99005	0.173202	1
cg20480740	OR10G8	0.00761805	0.137555	0.62064	-1.61124	0.768698	1.09194	1.09194	0.0281373	0.461454	-2.16706	0.43493	0.788506	-1.26822	0.000665195	0.211391	-4.73056	0.791088	1.08241	1.08241	0.000995857	0.232611	-4.29903	0.86712	1.05122	1.05122	0.409586	0.777597	-1.28601	6.4424	9.07752	1.25247	1
cg15767191	OR10G8	0.0140296	0.917775	0.972193	-1.0286	0.000650661	0.239842	-4.16941	0.047361	0.538167	-1.85816	0.939718	0.979557	-1.02087	0.188813	0.683715	-1.4626	0.00518995	0.365126	-2.73878	0.130873	0.640513	-1.56125	0.0742449	0.580868	-1.72156	0.794471	1.0739	1.0739	5.29621	6.256	1.04998	1
cg23919924	OR10G8	0.0159508	0.53311	1.11099	1.11099	0.291126	0.833063	-1.20039	0.000750187	0.426328	-2.34561	0.0246207	0.640024	-1.56244	0.846555	1.03283	1.03283	0.420409	0.871756	-1.14711	0.0518987	1.44599	1.44599	0.199289	0.797618	-1.25373	0.473762	0.885612	-1.12916	5.07619	2.23493	0.391356	1
cg16748816	OR10G9	7.98E-06	0.0124243	1.32351	1.32351	0.146024	0.86884	-1.15096	0.226255	0.891841	-1.12128	0.000494989	0.61186	-1.63436	2.68E-07	0.253427	-3.94591	4.93E-06	0.391086	-2.55698	0.209352	0.887628	-1.1266	0.185631	0.881227	-1.13478	0.653686	1.04152	1.04152	43.0087	5.52827	0.114256	1
cg08419657	OR10G9	0.00362471	0.551391	1.07073	1.07073	0.131498	1.20277	1.20277	0.0190211	0.724744	-1.3798	0.00120117	0.583915	-1.71258	0.0170234	0.718981	-1.39086	0.219916	1.15751	1.15751	0.00274253	1.598	1.598	0.808843	0.972891	-1.02786	0.207455	0.860077	-1.16269	8.08853	1.64719	0.181017	1
cg23404737	OR10G9	0.0221593	0.0233135	0.319107	-3.13374	0.178352	0.547413	-1.82677	0.00135626	0.140831	-7.1007	0.0377746	0.362337	-2.75986	0.706203	0.852507	-1.17301	0.0219641	0.314102	-3.18368	0.636454	1.22216	1.22216	0.0705445	0.426729	-2.34341	0.118968	0.490147	-2.0402	4.54268	12.7743	2.49961	1
cg19045531	OR10H1	1.33E-05	0.287037	0.785381	-1.27327	0.0150165	0.520323	-1.92188	0.0778391	0.651655	-1.53455	0.106204	0.680073	-1.47043	0.288933	0.786183	-1.27197	0.00897043	0.483716	-2.06733	8.35E-08	0.020945	-47.7441	0.164952	0.723456	-1.38225	0.0525735	0.61778	-1.6187	37.6606	28.4847	0.672314	1
cg24101459	OR10H1	0.000155908	0.879484	0.973474	-1.02725	0.000241768	0.340985	-2.93268	8.51E-05	0.286208	-3.49396	0.901751	1.02212	1.02212	0.71859	1.06622	1.06622	0.725034	0.939344	-1.06457	9.29E-06	0.183292	-5.45577	0.0118103	0.572881	-1.74556	0.0625002	0.689727	-1.44985	19.6511	9.77118	0.441984	1
cg11666515	OR10H1	0.0119651	0.826716	0.96254	-1.03892	0.781056	1.04972	1.04972	0.123443	0.747827	-1.33721	0.229107	0.802694	-1.24581	0.0376323	1.5219	1.5219	0.120222	1.34114	1.34114	0.000507508	2.57533	2.57533	0.428734	1.15106	1.15106	0.0688723	1.42554	1.42554	5.57877	2.67944	0.426927	1
cg17850597	OR10H1;OR10H1	0.00167424	0.262318	1.45131	1.45131	0.708216	0.887088	-1.12728	0.000477822	0.174266	-5.73834	0.47429	0.793027	-1.26099	0.760041	0.906988	-1.10255	0.158679	1.61631	1.61631	0.000131879	0.120783	-8.27934	0.33481	0.728345	-1.37298	0.0946093	1.7959	1.7959	10.1525	16.33	1.42975	1
cg26863013	OR10H2	0.0012502	0.0609562	1.39051	1.39051	0.0997612	1.32521	1.32521	0.000951342	0.463571	-2.15716	0.102562	0.75666	-1.3216	0.986388	0.997341	-1.00267	0.00561152	1.764	1.764	0.812277	1.03784	1.03784	0.000991643	0.465924	-2.14627	0.00402512	0.547101	-1.82782	11.0418	4.26095	0.343017	1
cg08061271	OR10H2	0.00128606	0.0584061	0.591301	-1.69119	0.0188703	0.497186	-2.01132	0.189759	0.710883	-1.4067	0.0208177	0.504829	-1.98087	2.74E-05	0.131155	-7.62459	0.00298376	0.367542	-2.72078	0.501804	0.845787	-1.18233	0.469151	0.834482	-1.19835	0.00407891	0.387878	-2.57813	10.9528	10.4716	0.849835	1
cg12513379	OR10H2	0.0257971	0.488598	0.710664	-1.40714	0.0417481	0.319999	-3.12501	0.222955	0.537032	-1.86208	0.0400258	0.315959	-3.16497	0.0234305	0.26862	-3.72274	0.20238	0.52027	-1.92208	0.000885983	0.0890824	-11.2256	0.0751816	0.382176	-2.6166	0.490643	0.711841	-1.40481	4.30985	16.0873	3.31795	1
cg24926780	OR10H2	0.0278628	0.501374	1.16835	1.16835	0.00380577	0.41071	-2.43481	0.0469497	0.595398	-1.67955	0.0425306	0.587122	-1.70322	0.0601863	0.616713	-1.6215	0.387864	0.817261	-1.2236	0.0219295	0.534271	-1.87171	0.297479	1.27924	1.27924	0.12677	0.686198	-1.45731	4.19503	3.45408	0.731888	1
cg01719577	OR10H2	0.0319987	0.360519	0.854558	-1.1702	0.0660592	0.708393	-1.41165	0.874232	0.973863	-1.02684	0.405038	1.15309	1.15309	0.844765	1.03332	1.03332	0.534813	0.900237	-1.11082	0.00157794	2.13556	2.13556	0.101744	0.741172	-1.34922	0.596731	0.91459	-1.09339	3.99394	1.76831	0.393555	1
cg09994928	OR10H3	0.000697606	0.190645	1.2967	1.2967	0.000250471	0.322217	-3.1035	0.171738	0.761268	-1.3136	0.0023314	0.450707	-2.21874	0.000807797	0.387667	-2.57953	0.431816	0.86035	-1.16232	0.0213135	1.68003	1.68003	0.0740113	1.45253	1.45253	0.00333464	0.472811	-2.11501	13.0234	7.25038	0.494861	1
cg06718003	OR10H3	0.000841536	0.0236597	2.31956	2.31956	0.468817	0.794891	-1.25803	0.0822932	0.549094	-1.82118	0.0737932	1.86025	1.86025	0.912966	1.03464	1.03464	0.423783	1.28974	1.28974	1.79E-05	0.0652853	-15.3174	0.186262	1.54717	1.54717	0.469765	0.795294	-1.2574	12.3547	18.9805	1.3656	1
cg01004457	OR10H3	0.00572897	0.0961073	1.52292	1.52292	0.000442611	0.278937	-3.58504	0.120235	0.678436	-1.47398	0.198416	1.36733	1.36733	0.853013	1.04362	1.04362	0.366513	0.807716	-1.23806	0.00869164	2.15925	2.15925	0.345557	1.25058	1.25058	0.188899	0.725859	-1.37768	7.03874	5.90661	0.745918	1
cg08410052	OR10H3	0.022509	0.376941	0.764085	-1.30876	0.840442	0.941929	-1.06165	0.0426592	0.500281	-1.99887	0.575193	1.18299	1.18299	0.00099219	0.234113	-4.27143	0.338209	1.34044	1.34044	0.429488	1.27043	1.27043	0.0854452	0.568782	-1.75814	0.0731599	0.55263	-1.80953	4.5183	6.3029	1.23997	1
cg04434491	OR10H4	1.53E-06	0.0206694	1.29606	1.29606	8.02E-06	0.402997	-2.48141	0.000243127	0.568565	-1.75881	0.00165485	1.52045	1.52045	0.000101607	0.526883	-1.89796	0.0307248	0.789633	-1.26641	0.000496797	1.66063	1.66063	1.61E-05	0.437018	-2.28824	1.85E-07	0.225988	-4.42502	65.7873	9.0241	0.12193	1
cg26527316	OR10H4	5.38E-06	0.00244023	1.69571	1.69571	1.23E-06	0.208961	-4.78558	0.0107162	0.669274	-1.49416	0.803025	1.03179	1.03179	8.80E-07	0.194776	-5.13411	0.669394	1.05525	1.05525	0.110382	1.2434	1.2434	0.0109628	0.670514	-1.49139	6.86E-05	0.401944	-2.48791	47.6376	11.8285	0.220712	1
cg23343875	OR10H4	0.0014516	0.100124	0.703435	-1.4216	0.992363	0.998133	-1.00187	0.311001	0.814909	-1.22713	0.490965	0.872312	-1.14638	0.0390452	0.627244	-1.59428	0.318131	0.817517	-1.22322	0.000121866	0.269838	-3.70592	0.000422525	0.335968	-2.97647	0.000804739	0.372505	-2.68453	10.5789	6.38823	0.536767	1
cg19699807	OR10H4	0.0111051	0.107279	1.96977	1.96977	0.106082	0.506286	-1.97517	0.124359	0.526413	-1.89965	0.0813914	0.474766	-2.1063	0.00106054	0.154637	-6.46674	0.706544	1.15703	1.15703	0.0132462	0.306087	-3.26705	0.278881	0.647801	-1.54368	0.0125823	0.302201	-3.30905	5.71498	13.4605	2.0936	1
cg02254462	OR10H5	3.44E-06	0.321592	0.947252	-1.05569	0.00196718	0.793347	-1.26048	5.13E-07	0.47642	-2.09899	0.00776703	0.834518	-1.1983	0.245027	0.937675	-1.06647	0.00220805	1.25487	1.25487	2.50E-06	1.82818	1.82818	0.0338145	0.877093	-1.14013	0.000208401	0.72005	-1.38879	53.4307	2.36983	0.0394251	1
cg00378234	OR10H5	5.56E-05	0.233313	1.21556	1.21556	0.327623	1.17099	1.17099	9.32E-06	0.224224	-4.45983	0.000253262	0.389834	-2.5652	0.625056	1.07997	1.07997	0.470191	0.891579	-1.12161	6.85E-06	0.210521	-4.75012	0.0388442	0.688234	-1.45299	0.144934	0.783064	-1.27704	25.8834	10.0026	0.343511	1
cg02701826	OR10H5	0.00192621	0.269468	0.755126	-1.32428	0.000210076	0.22002	-4.54504	0.238392	0.739626	-1.35204	0.311008	0.774134	-1.29177	0.00600907	0.416114	-2.40319	0.022232	0.512035	-1.95299	0.00240672	0.356097	-2.80822	0.000545065	0.2692	-3.71471	0.00907633	0.444946	-2.24746	9.74801	9.2095	0.839784	1
cg23689219	OR10J1	0.0358067	0.0110272	0.0487476	-20.5138	0.0341508	0.0961142	-10.4043	0.0475205	0.116758	-8.56473	0.119443	0.2017	-4.95786	0.059733	0.133581	-7.48611	0.0582365	0.1316	-7.5988	0.0213442	0.0727248	-13.7505	0.0129887	0.0538916	-18.5558	0.0355137	0.0983587	-10.1669	3.83532	54.5328	12.6387	1
cg15700197	OR10J1	0.0380726	0.0155233	0.0721456	-13.8609	0.127471	0.232292	-4.30492	0.0447164	0.129892	-7.69868	0.195348	0.297289	-3.36373	0.0250775	0.0943849	-10.5949	0.036235	0.115693	-8.64359	0.0131203	0.0655748	-15.2498	0.016793	0.0754204	-13.259	0.0594887	0.151976	-6.57997	3.75052	46.5986	11.0441	1
cg19402335	OR10J1	0.0484256	0.0127697	0.137793	-7.25725	0.0856067	0.296012	-3.37824	0.0294093	0.193304	-5.1732	0.141744	0.363416	-2.75166	0.0932175	0.306332	-3.26443	0.072276	0.276606	-3.61525	0.0248169	0.180579	-5.53773	0.0465783	0.232196	-4.3067	0.0189707	0.162018	-6.17214	3.4295	22.2954	5.77872	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19378892	OR10J3	0.000441579	8.35E-05	0.0522125	-19.1525	0.0220418	0.318172	-3.14296	0.000518679	0.104578	-9.56224	0.00029322	0.0853598	-11.7151	0.0755227	0.4382	-2.28207
cg23774016	OR10J3	0.00918875	0.00124626	0.0840018	-11.9045	0.349241	0.602858	-1.65876	0.0416676	0.29134	-3.43242	0.00742791	0.163516	-6.11562	0.024813	0.245842	-4.06765
cg13507224	OR10J3	0.045507	0.00877179	0.0808685	-12.3658	0.354188	0.487654	-2.05064	0.0393489	0.165959	-6.02558	0.0682236	0.21473	-4.65702	0.0918635	0.247047	-4.04781
cg27527345	OR10J5	0.000717646	0.00281732	0.180214	-5.54896	0.000761061	0.119466	-8.37059	0.0008449	0.123676	-8.08565	0.274797	0.623	-1.60514	0.000858214	0.124315	-8.0441
cg07037019	OR10J5	0.00373843	0.00828896	0.104442	-9.57472	0.00127349	0.0430426	-23.2328	0.0175197	0.144411	-6.9247	0.211029	0.413957	-2.41571	0.00411393	0.0760836	-13.1434
cg15015426	OR10J5	0.0204969	0.0163442	0.195025	-5.12756	0.0185429	0.203932	-4.9036	0.0590183	0.305054	-3.27811	0.193401	0.464691	-2.15197	0.0183685	0.203253	-4.91998
cg26043322	OR10J5	0.0210185	0.0136383	0.0805643	-12.4124	0.00886875	0.0639589	-15.635	0.047674	0.154216	-6.48441	0.0501558	0.15828	-6.31793	0.00774769	0.0594173	-16.8301
cg06251978	OR10J5	0.0421215	0.0119938	0.207866	-4.81079	0.0186261	0.239381	-4.17743	0.11394	0.422334	-2.36779	0.336667	0.608645	-1.64299	0.0221122	0.252744	-3.95658
cg14088669	OR10K1	0.00935474	0.0042504	0.117378	-8.51948	0.300594	0.548483	-1.82321	0.042727	0.270868	-3.69183	0.625602	0.759318	-1.31697	0.0264882	0.229246	-4.36213
cg01463139	OR10K1	0.044048	0.0214031	0.111228	-8.99051	0.0280669	0.127326	-7.85383	0.116774	0.258278	-3.8718	0.224757	0.36314	-2.75376	0.0212718	0.110886	-9.01825
cg26151206	OR10K2	1.24E-05	7.97E-06	0.0291347	-34.3234	0.000910942	0.166314	-6.01272	0.000413393	0.131693	-7.59339	0.000314239	0.12092	-8.26991	0.107739	0.529988	-1.88684
cg27235829	OR10K2	2.12E-05	9.84E-06	0.0441812	-22.6341	0.00376695	0.277041	-3.60957	6.63E-05	0.0906069	-11.0367	0.00957073	0.340591	-2.93607	0.00679662	0.316194	-3.16261
cg08400475	OR10K2	0.000192842	0.000134881	0.110836	-9.0223	0.0182659	0.385523	-2.59388	0.00253514	0.248045	-4.03153	0.00304805	0.259137	-3.85896	0.000326054	0.144784	-6.90686
cg01733284	OR10K2	0.000537708	0.000225832	0.0248181	-40.2932	0.0182774	0.177972	-5.61886	0.016304	0.170351	-5.87024	0.00309712	0.0872442	-11.4621	0.00980239	0.139781	-7.15405
cg20228385	OR10P1	0.00221693	0.00908686	0.376903	-2.6532	0.885621	0.958516	-1.04328	0.00087866	0.230346	-4.3413	0.00752061	0.363294	-2.75259	0.00441165	0.326702	-3.06089
cg18770739	OR10P1	0.00226678	0.0125086	0.412096	-2.42662	0.00317315	0.316647	-3.15809	0.00403051	0.332134	-3.01084	0.0396961	0.50731	-1.97118	0.0803204	0.574907	-1.73941
cg03072740	OR10P1	0.0029562	0.293399	0.663543	-1.50706	0.166045	0.573599	-1.74338	0.00197038	0.192866	-5.18494	0.0305026	0.384133	-2.60326	0.000409937	0.121023	-8.26287
cg26148774	OR10P1	0.0172513	0.0296707	0.200457	-4.98861	0.0873023	0.305658	-3.27163	0.0362041	0.216692	-4.61484	0.0820239	0.298249	-3.35291	0.00410419	0.0891411	-11.2182
cg12095324	OR10Q1	5.65E-05	0.214693	0.805019	-1.24221	0.0639294	0.707673	-1.41308	9.56E-06	0.205152	-4.87444	0.33131	0.846675	-1.18109	0.0142628	0.605391	-1.65182
cg02608029	OR10Q1	0.00021417	0.0523065	0.514539	-1.94349	0.0519315	1.9461	1.9461	5.24E-05	0.102706	-9.73652	0.364575	0.755404	-1.32379	0.0263107	0.45236	-2.21063
cg23900936	OR10Q1	0.00275225	0.946657	1.02277	1.02277	0.478021	0.784474	-1.27474	0.239003	0.660358	-1.51433	0.0437617	0.458417	-2.18142	0.00552148	0.293079	-3.41205
cg03776857	OR10Q1	0.00345498	0.0643996	1.5403	1.5403	0.00967846	1.975	1.975	0.501322	0.867718	-1.15245	0.412711	1.19019	1.19019	0.0131545	0.527725	-1.89493
cg00153368	OR10Q1	0.00696832	0.80477	0.946088	-1.05698	0.802177	0.945374	-1.05778	0.0719814	0.637981	-1.56745	0.437711	0.837655	-1.19381	0.0132941	0.50335	-1.98669
cg16027546	OR10Q1;OR10Q1	0.0162657	0.316735	1.31395	1.31395	0.650987	1.12765	1.12765	0.00143998	0.296642	-3.37107	0.035716	0.524793	-1.90551	0.32531	0.76496	-1.30726
cg04132017	OR10R2	0.0352638	0.034835	0.116938	-8.55152	0.169769	3.58239	3.58239	0.0518632	0.145099	-6.89186	0.482243	1.86483	1.86483	0.175242	0.284273	-3.51774
cg05024715	OR10S1	0.000406499	0.0359724	1.45138	1.45138	0.00440467	1.78687	1.78687	0.0735484	0.7374	-1.35612	0.0294417	0.675986	-1.47932	0.000288681	0.405297	-2.46733
cg00621646	OR10S1	0.00500397	0.622269	1.10894	1.10894	0.754492	1.06751	1.06751	0.0162946	0.542423	-1.84358	0.000924549	0.356886	-2.80202	0.131423	0.712379	-1.40375
cg15593510	OR10T2	0.00113861	0.000234541	0.058219	-17.1765	0.0206829	0.272833	-3.66525	0.00678384	0.194824	-5.13285	0.00367723	0.160312	-6.23783	0.0728161	0.393377	-2.54209
cg15852352	OR10T2	0.00379749	0.00107723	0.0460525	-21.7143	0.110727	0.330272	-3.0278	0.0345757	0.207856	-4.81102	0.00299122	0.0745857	-13.4074	0.00797726	0.114423	-8.73952
cg02657539	OR10V1	0.000780374	0.000146171	0.0421297	-23.7362	0.505846	1.38701	1.38701	0.00987125	0.205945	-4.85568	0.0015413	0.109958	-9.09437	0.00168047	0.113453	-8.81419
cg25967612	OR10V1	0.0010459	0.000697709	0.0874743	-11.4319	0.739307	0.854418	-1.17039	0.0302874	0.301238	-3.31963	0.077382	0.396555	-2.52172	0.00294012	0.145997	-6.84944
cg04021098	OR10V1	0.01059	0.00251232	0.0297304	-33.6356	0.9905	1.01002	1.01002	0.0794136	0.195716	-5.10944	0.106643	0.228603	-4.3744	0.960923	0.959787	-1.0419
cg07018580	OR10V1	0.0180669	0.0129882	0.0997901	-10.021	0.00639065	0.0704399	-14.1965	0.119079	0.28232	-3.54208	0.0965095	0.255574	-3.91276	0.0121007	0.0964408	-10.3691
cg00988175	OR10V1	0.0399039	0.0136198	0.0733022	-13.6422	0.173244	0.289174	-3.45812	0.103037	0.217194	-4.60419	0.0634789	0.167519	-5.96947	0.0384079	0.128233	-7.7983
cg06454527	OR10W1	2.34E-05	0.449275	0.862784	-1.15904	0.137225	0.73608	-1.35855	1.48E-05	0.178686	-5.59641	0.940403	1.01442	1.01442	0.000979626	0.391259	-2.55585
cg20287029	OR10W1	3.46E-05	0.0274673	0.66474	-1.50435	0.0265	0.662408	-1.50964	2.00E-05	0.258676	-3.86584	0.166397	0.793694	-1.25993	0.00220259	0.510665	-1.95823
cg11053663	OR10W1	0.000113838	0.266544	0.756033	-1.32269	0.656408	0.897472	-1.11424	0.0128788	0.474235	-2.10866	0.00047436	0.265542	-3.76588	0.0063225	0.423574	-2.36086
cg11728821	OR10W1;OR10W1	0.00413049	0.457869	1.35493	1.35493	0.548621	0.783769	-1.27589	0.0529561	0.406895	-2.45764	0.937563	0.969095	-1.03189	0.0721607	0.441266	-2.26621
cg12129480	OR10X1	5.04E-05	1.89E-05	0.0558981	-17.8897	0.0611543	2.01235	2.01235	0.000417317	0.156478	-6.39068	0.00176615	0.228508	-4.37622	0.00188313	0.232126	-4.30801
cg04923174	OR10X1	0.00050783	9.13E-05	0.0541503	-18.4671	0.698365	0.850068	-1.17638	0.0051702	0.214391	-4.66437	0.010044	0.25785	-3.87822	0.0679305	0.4262	-2.34632
cg14654811	OR10X1	0.0134468	0.0316474	0.249475	-4.00842	0.0501366	0.292072	-3.42381	?	?	?	?	?	?	0.818366	1.13515	1.13515
cg25940557	OR10Z1	0.000406774	0.000372742	0.111395	-8.97708	0.0414841	0.403993	-2.47529	0.000430021	0.116745	-8.56566	0.0141047	0.310995	-3.21549	0.000411671	0.115094	-8.68852
cg20985269	OR10Z1	0.00108678	0.000322752	0.0938926	-10.6505	0.0532826	0.409485	-2.44209	0.0193093	0.316422	-3.16034	0.0143561	0.293046	-3.41243	0.00122978	0.146303	-6.83515
cg04436634	OR10Z1	0.00859581	0.000976878	0.0598767	-16.701	0.0521331	0.281345	-3.55435	0.00836159	0.144515	-6.91969	0.0297387	0.230249	-4.34312	0.00985225	0.153735	-6.5047
cg17562226	OR11A1	4.84E-05	0.00957931	1.73879	1.73879	0.24319	0.813876	-1.22869	8.54E-06	0.195297	-5.1204	0.866051	1.02888	1.02888	0.726327	1.06105	1.06105
cg14011416	OR11A1	0.000234647	0.905241	1.02682	1.02682	0.0101272	2.05631	2.05631	0.000660611	0.313761	-3.18714	0.000142158	0.23266	-4.29813	0.0306488	0.568729	-1.75831
cg07369956	OR11A1	0.000368199	0.738786	0.938168	-1.06591	0.0435478	1.55681	1.55681	0.0452235	0.645219	-1.54986	0.437603	0.859832	-1.16302	0.956075	1.01056	1.01056
cg16057401	OR11A1	0.000533924	0.0914526	0.621023	-1.61025	0.00810464	0.419386	-2.38444	0.00269475	0.345495	-2.8944	0.000256517	0.213776	-4.6778	0.000603599	0.257767	-3.87946
cg05137103	OR11A1	0.000534234	0.417179	1.14421	1.14421	0.153468	1.28188	1.28188	0.000980041	0.450925	-2.21766	0.022169	0.640454	-1.56139	0.0133319	0.607669	-1.64563
cg24950947	OR11A1	0.00070329	0.508072	1.17165	1.17165	0.0401872	1.74949	1.74949	0.023384	0.527773	-1.89475	0.543475	0.864946	-1.15614	0.000618448	0.288463	-3.46665
cg14584177	OR11A1	0.000750042	0.513622	0.879574	-1.13691	0.0231843	0.591104	-1.69175	0.000695239	0.367026	-2.7246	0.923983	0.981683	-1.01866	0.00105171	0.391059	-2.55716
cg03612791	OR11A1	0.00154994	0.148071	0.729545	-1.37072	0.0116008	1.89895	1.89895	0.00072233	0.351574	-2.84435	0.0887382	0.68279	-1.46458	0.0689943	0.661302	-1.51217
cg16487621	OR11A1	0.00214059	0.0871633	0.686879	-1.45586	0.0238234	1.70975	1.70975	0.000918249	0.373465	-2.67763	0.383628	0.837233	-1.19441	0.0126657	0.539979	-1.85192
cg15617549	OR11A1	0.00224687	0.898462	1.01661	1.01661	0.256537	0.858249	-1.16516	0.0257102	0.710377	-1.4077	0.66573	0.945442	-1.05771	0.965348	1.00562	1.00562
cg25426807	OR11A1	0.00464883	0.957492	0.980417	-1.01997	0.294139	1.49743	1.49743	0.011442	0.309069	-3.23553	0.498802	0.775093	-1.29017	0.441131	0.747173	-1.33838
cg16170380	OR11A1	0.0272963	0.99659	0.998396	-1.00161	0.802659	1.09861	1.09861	0.33961	0.690982	-1.44722	0.727905	0.877062	-1.14017	0.0121457	0.309133	-3.23486
cg18696912	OR11A1;OR11A1	0.00523433	0.460532	0.816247	-1.22512	0.160188	0.666652	-1.50003	0.151045	0.659796	-1.51562	0.00561378	0.374352	-2.67128	0.260171	0.728044	-1.37354
cg11893412	OR11A1;OR11A1	0.0299553	0.311777	1.33436	1.33436	0.0797025	1.70933	1.70933	0.0674975	0.568536	-1.7589	0.729447	0.90873	-1.10044	0.734899	1.09822	1.09822
cg13183731	OR11G2	1.71E-05	0.000646296	0.326384	-3.06388	8.83E-07	0.0611868	-16.3434	0.0876837	0.668116	-1.49675	0.459893	1.17466	1.17466	0.00468539	0.447431	-2.23498
cg01351787	OR11G2	0.000345266	8.96E-05	0.225077	-4.44292	0.170579	1.36405	1.36405	0.0274756	0.5742	-1.74155	0.0111708	0.508371	-1.96707	0.00141234	0.374132	-2.67285
cg16746221	OR11G2	0.00553113	0.0155112	0.205941	-4.85576	0.000893357	0.0708095	-14.1224	0.0153216	0.205082	-4.87611	0.300888	0.565215	-1.76924	0.0329253	0.265046	-3.77293
cg24137472	OR11H4	0.00463218	0.0102201	0.205928	-4.85607	0.00102106	0.0928549	-10.7695	0.0153246	0.233951	-4.27441	0.118191	0.436969	-2.28849	0.00159176	0.109541	-9.12904
cg05122082	OR11H4	0.00714202	0.00179612	0.224723	-4.44992	0.0714557	0.508332	-1.96722	0.00964619	0.332527	-3.00727	0.674852	1.15236	1.15236	0.0977516	0.543012	-1.84158
cg05888433	OR11H4	0.0201212	0.00811123	0.128513	-7.78132	0.00338158	0.0896075	-11.1598	0.121866	0.362412	-2.75929	0.176753	0.419314	-2.38485	0.0173845	0.173254	-5.77188
cg11066244	OR11H6	0.0103198	0.0964122	0.472116	-2.11812	0.00125022	0.143965	-6.94612	0.0637016	0.424389	-2.35633	0.00931908	0.257652	-3.88121	0.109326	0.487791	-2.05006
cg03008515	OR11H6	0.0239662	0.0240366	0.276772	-3.61309	0.00375092	0.154515	-6.47185	0.545934	0.747016	-1.33866	0.133989	0.462408	-2.16259	0.0190003	0.257866	-3.87799
cg26832666	OR11L1	5.64E-05	5.93E-06	0.0837357	-11.9423	0.460719	0.832608	-1.20105	0.0074218	0.431186	-2.31918	0.544997	1.16117	1.16117	0.19943	1.39195	1.39195
cg20805835	OR11L1	0.000156196	9.77E-06	0.184264	-5.42701	0.679235	0.928721	-1.07675	0.118228	0.739601	-1.35208	0.16575	1.30066	1.30066	0.0038091	0.4996	-2.0016
cg20467147	OR11L1	0.00346162	0.00119864	0.141534	-7.06542	0.0122877	0.276749	-3.61339	0.00100096	0.133639	-7.48283	0.0347913	0.362914	-2.75548	0.00822018	0.248383	-4.02605
cg11606050	OR11L1	0.006894	0.0052427	0.126851	-7.88324	0.201354	0.469264	-2.131	0.0185087	0.201567	-4.96113	0.159385	2.32375	2.32375	0.859436	0.905386	-1.1045
cg12080717	OR11L1	0.00774862	0.00135713	0.192238	-5.20188	0.0296198	0.403397	-2.47895	0.0078789	0.298636	-3.34855	0.0782393	0.499782	-2.00087	0.0498892	0.452549	-2.2097
cg05726701	OR11L1	0.0268178	0.00845382	0.162548	-6.15205	0.138067	0.421976	-2.3698	0.0194668	0.217378	-4.60028	0.0358223	0.267241	-3.74195	0.0110637	0.178769	-5.59381
cg06544652	OR11L1	0.0332819	0.81971	0.902764	-1.10771	0.20719	1.81489	1.81489	0.0396244	0.344305	-2.9044	0.240033	1.73539	1.73539	0.245164	0.580008	-1.72412
cg25977492	OR12D2	1.72E-05	0.825711	1.04151	1.04151	0.537775	0.89131	-1.12194	8.75E-05	0.273308	-3.65887	3.09E-05	0.223159	-4.4811	2.56E-05	0.214447	-4.66315
cg08862210	OR12D2	2.31E-05	0.389926	0.881405	-1.13455	0.316567	0.862118	-1.15993	0.00300594	0.558234	-1.79136	0.270674	0.848461	-1.1786	0.436557	0.8925	-1.12045
cg06658129	OR12D2	7.84E-05	0.0984674	1.26273	1.26273	0.877139	1.02012	1.02012	0.0163944	0.68548	-1.45883	0.297415	0.870174	-1.1492	2.27E-05	0.335353	-2.98194
cg10916646	OR12D2	0.000608816	0.676394	0.921417	-1.08529	0.091136	0.69572	-1.43736	0.00068731	0.363968	-2.74749	0.000683988	0.36369	-2.74959	0.0236141	0.5904	-1.69377
cg11815614	OR12D2	0.00107005	0.11912	0.671714	-1.48873	0.883641	1.03505	1.03505	0.32185	0.786019	-1.27223	0.000207527	0.232001	-4.31032	0.0199283	0.516335	-1.93673
cg21414251	OR12D2	0.00168125	0.00356316	0.225617	-4.43229	0.0421515	0.413652	-2.41749	0.0356525	0.397729	-2.51427	0.0109567	0.300046	-3.33282	0.00328282	0.220775	-4.52949
cg09081266	OR12D2	0.0135846	0.640897	1.26183	1.26183	0.743119	1.17681	1.17681	0.0157087	0.230906	-4.33076	0.0109078	0.205563	-4.8647	0.0200272	0.249226	-4.01242
cg08930944	OR12D2;OR12D2	0.00357195	0.0267988	0.696881	-1.43497	0.282362	0.857455	-1.16624	0.00400351	0.587178	-1.70306	0.196525	0.828623	-1.20682	0.00053227	0.475979	-2.10093
cg27359472	OR12D3	7.96E-06	0.00419267	0.647952	-1.54333	0.115952	1.21324	1.21324	0.00522237	0.659089	-1.51725	0.143162	1.19484	1.19484	1.89E-05	0.373745	-2.67562
cg10278025	OR12D3	0.000197952	0.300618	0.804976	-1.24227	0.0161658	0.551486	-1.81328	0.0377821	0.614301	-1.62787	0.00602434	0.483957	-2.0663	6.97E-06	0.133637	-7.48295
cg20856834	OR12D3	0.000449722	0.0113655	0.523464	-1.91035	0.549478	0.88364	-1.13168	0.000769012	0.353308	-2.83039	0.00510471	0.4696	-2.12947	0.00499715	0.468208	-2.1358
cg09861992	OR12D3	0.000814947	0.00653561	0.496882	-2.01255	0.91976	1.02014	1.02014	0.00309751	0.44883	-2.22801	0.0422118	0.629259	-1.58917	2.34E-05	0.187764	-5.32582
cg01553182	OR12D3	0.0059808	0.0510498	0.372914	-2.68158	0.426399	1.43406	1.43406	0.105581	0.456203	-2.19201	0.385748	0.673877	-1.48395	0.00518579	0.194396	-5.14414
cg03608577	OR12D3	0.0192989	0.870716	0.942844	-1.06062	0.122789	1.82974	1.82974	0.482994	0.772892	-1.29384	0.657109	0.850923	-1.17519	0.192817	0.607732	-1.64546
cg05954825	OR12D3;OR12D3	0.00851801	0.515823	0.882206	-1.13352	0.000623821	0.341823	-2.92549	0.00864941	0.516428	-1.93638	0.0669467	0.672432	-1.48714	0.119943	1.38306	1.38306
cg01190330	OR12D3;OR12D3	0.0216839	0.256155	1.43667	1.43667	0.00284716	0.284942	-3.50949	0.289435	0.714534	-1.39951	0.109777	1.70387	1.70387	0.547001	0.830022	-1.20479
cg08244656	OR13A1	2.14E-05	2.23E-06	0.19704	-5.07511	0.0935014	0.771834	-1.29562	0.124116	0.791533	-1.26337	0.121734	1.26557	1.26557	0.110535	1.27653	1.27653
cg01167924	OR13A1	4.57E-05	0.632948	0.927143	-1.07858	0.305451	0.846336	-1.18156	1.94E-05	0.255798	-3.90934	0.000320124	0.400234	-2.49854	4.20E-06	0.187567	-5.33143
cg17059136	OR13A1	0.000642144	0.0824346	0.523903	-1.90875	0.0103759	0.337983	-2.95873	0.00072964	0.17804	-5.61672	0.00104138	0.195665	-5.11078	0.000170412	0.116748	-8.56543
cg07389810	OR13A1	0.00282227	0.156429	0.605488	-1.65156	0.00224728	0.242779	-4.11897	0.117692	0.569882	-1.75475	0.00597877	0.304451	-3.2846	0.0277898	0.422868	-2.3648
cg12100026	OR13A1	0.0362537	0.173179	0.723433	-1.3823	0.315095	1.26116	1.26116	0.0139314	0.507377	-1.97092	0.69962	0.917043	-1.09046	0.243408	1.31343	1.31343
cg26722684	OR13A1	0.0403558	0.298899	1.24412	1.24412	0.255509	0.785982	-1.27229	0.0216834	0.571673	-1.74925	0.645346	1.09858	1.09858	0.237172	0.777835	-1.28562
cg05877590	OR13A1;OR13A1	0.0107356	0.165386	0.395413	-2.529	0.111172	0.336829	-2.96886	0.0276387	0.195357	-5.11883	0.0209271	0.175084	-5.71154	0.00533634	0.100104	-9.98965
cg06565452	OR13C3	0.0010958	0.000204265	0.0527481	-18.958	0.00377633	0.157659	-6.3428	0.00243362	0.136077	-7.34877	0.00308226	0.147381	-6.78513	0.00184475	0.123676	-8.08563
cg26979829	OR13C4	1.22E-05	1.06E-05	0.181186	-5.51919	0.200877	0.782385	-1.27814	2.81E-05	0.22386	-4.46707	0.0456998	1.51614	1.51614	1.19E-05	0.185911	-5.37891
cg00202246	OR13C8	0.00395655	0.00542276	0.12686	-7.88268	0.000594293	0.0502156	-19.9141	0.00368839	0.109227	-9.15522	0.123539	0.390161	-2.56305	0.00638766	0.135024	-7.40607
cg12984636	OR13D1	0.0309499	0.00855657	0.0828913	-12.064	0.0207347	0.126541	-7.90255	0.147042	0.314982	-3.17479	0.181933	0.349302	-2.86286	0.00538111	0.0658422	-15.1878
cg07776015	OR13F1	0.0228138	0.0114305	0.101892	-9.81433	0.193238	0.370299	-2.70052	0.0048051	0.0672118	-14.8784	0.692211	0.750446	-1.33254	0.0166529	0.121302	-8.24388
cg10493479	OR13G1	0.0400007	0.00443801	0.153314	-6.52258	0.633961	1.26738	1.26738	0.105363	0.417284	-2.39645	0.989899	0.993766	-1.00627	0.0762499	0.377437	-2.64945
cg12281614	OR13H1	0.0136691	0.960645	0.984331	-1.01592	0.0088779	0.344436	-2.9033	0.00946205	0.349077	-2.86469	0.529811	0.815695	-1.22595	0.0009151	0.204721	-4.8847
cg20212823	OR13J1	0.00390826	0.00175356	0.263838	-3.7902	0.00125752	0.244836	-4.08436	0.62988	0.864949	-1.15614	0.150697	1.58441	1.58441	0.00169246	0.26177	-3.82014
cg14276698	OR13J1	0.0141812	0.434634	0.860876	-1.16161	0.775002	0.947569	-1.05533	0.343197	0.832349	-1.20142	0.555249	0.893929	-1.11866	0.0258484	0.608214	-1.64416
cg25977504	OR14A16	0.000145291	0.00151833	0.421001	-2.37529	0.0047765	0.491833	-2.03321	0.000198989	0.306144	-3.26644	0.231398	0.78836	-1.26846	6.53E-05	0.2494	-4.00962
cg03770187	OR14A16	0.00100154	0.0119317	0.787049	-1.27057	0.705193	0.971407	-1.02943	0.00382362	0.742573	-1.34667	0.00291645	1.36639	1.36639	0.0628145	1.17325	1.17325
cg16027403	OR14A16	0.00321178	0.0167955	0.122549	-8.16001	0.00722961	0.082625	-12.1029	0.0188591	0.12921	-7.73935	0.013947	0.112514	-8.88778	0.0011248	0.0317615	-31.4846
cg13819577	OR14C36	0.00320802	0.00388693	0.112542	-8.88556	0.0951111	0.356881	-2.80205	0.00401269	0.113949	-8.77584	0.438509	0.641495	-1.55886	0.0143067	0.183232	-5.45755
cg17908657	OR14I1	0.0437226	0.0110272	0.103403	-9.67086	0.739862	0.788882	-1.26762	0.0785626	0.24896	-4.01672	0.0634024	0.226368	-4.41759	0.0147038	0.117997	-8.4748
cg01165362	OR14I1	0.0474642	0.0423267	0.14894	-6.71412	0.00684603	0.0577315	-17.3216	0.115105	0.24782	-4.03518	0.104953	0.23628	-4.23227	0.0336921	0.132688	-7.53647
cg12628075	OR14J1	3.41E-05	0.0473544	1.43573	1.43573	2.98E-06	5.90465	5.90465	0.212744	1.23269	1.23269	0.719042	1.05928	1.05928	0.75703	1.05072	1.05072
cg03564455	OR14J1	0.000666441	0.716285	0.934602	-1.06997	0.05792	0.672166	-1.48773	0.0136259	0.568065	-1.76036	0.392303	0.850101	-1.17633	0.353062	0.837719	-1.19372
cg10643236	OR14J1	0.000885425	0.465804	0.880509	-1.13571	0.000404153	2.6227	2.6227	0.0620124	1.43372	1.43372	0.0422455	0.669548	-1.49355	0.468806	1.1347	1.1347
cg25267258	OR14J1	0.00173212	0.130131	1.31428	1.31428	0.00248802	0.495252	-2.01917	0.00105793	0.445099	-2.24669	0.505389	1.1196	1.1196	0.142529	1.30147	1.30147
cg18828927	OR14J1	0.00803054	0.236483	1.36661	1.36661	0.00479787	2.5662	2.5662	0.106459	1.55871	1.55871	0.794856	0.936496	-1.06781	0.0120438	0.454546	-2.2
cg07193515	OR14J1	0.00945495	0.0324494	0.668451	-1.496	0.0274683	0.657354	-1.52125	0.00488315	1.82243	1.82243	0.0183649	0.631091	-1.58456	0.201839	1.2421	1.2421
cg16958668	OR14J1	0.0182709	0.687706	0.941021	-1.06268	0.00680462	1.6947	1.6947	0.00803443	1.66676	1.66676	0.377627	0.872679	-1.1459	0.208553	0.819188	-1.22072
cg24817358	OR14J1	0.0445722	0.380835	0.844557	-1.18405	0.0212208	1.68304	1.68304	0.0620029	1.48431	1.48431	0.775797	0.947749	-1.05513	0.985124	1.00351	1.00351
cg03019219	OR14J1	0.0463623	0.232388	0.544599	-1.83622	0.0105036	0.209601	-4.77096	0.0796196	0.389055	-2.57033	0.651655	0.802093	-1.24674	0.0117345	0.217048	-4.60727
cg13524880	OR1A1	0.00249245	0.0121219	1.77498	1.77498	0.692453	1.07567	1.07567	0.0181854	0.590871	-1.69242	0.273761	0.811418	-1.23241	0.780186	1.05267	1.05267
cg03529662	OR1A1	0.0244557	0.00622671	0.173805	-5.75356	0.444221	0.68199	-1.4663	0.587255	0.764187	-1.30858	0.106799	0.421471	-2.37264	0.0330303	0.294287	-3.39804
cg25607161	OR1A1	0.0381732	0.612639	0.740714	-1.35005	0.0403987	0.248643	-4.02182	0.159363	0.413109	-2.42067	0.110211	0.359388	-2.78251	0.00158984	0.0696471	-14.3581
cg05946604	OR1A1	0.0424984	0.0251315	0.159397	-6.27364	0.0054691	0.0805485	-12.4149	0.0489682	0.212281	-4.71074	0.446813	0.585917	-1.70673	0.0138621	0.122899	-8.13677
cg18009704	OR1A1	0.0483118	0.381247	0.558813	-1.78951	0.0291385	0.189009	-5.29076	0.215527	0.429692	-2.32725	0.256695	0.46435	-2.15355	0.00931157	0.117938	-8.47905
cg27594073	OR1A2	0.00491146	0.0345506	0.401894	-2.48822	0.00163665	0.188583	-5.3027	0.0435568	0.42388	-2.35916	0.0117546	0.312259	-3.20247	0.00125179	0.174986	-5.71474
cg27429194	OR1A2	0.00578988	0.0079749	0.39744	-2.5161	0.00411996	0.352069	-2.84035	0.0120062	0.427363	-2.33993	0.185982	0.683554	-1.46294	0.0621648	0.565699	-1.76773
cg03271520	OR1A2	0.00779689	0.00872855	0.109541	-9.12899	0.158128	0.368365	-2.7147	0.0655032	0.254566	-3.92825	0.305964	0.495825	-2.01684	0.0241327	0.168681	-5.92833
cg13482309	OR1B1	0.000596196	0.00374717	0.285419	-3.50361	0.46132	1.27159	1.27159	0.0353375	0.456057	-2.19271	0.142783	0.603726	-1.65638	4.46E-05	0.0840262	-11.9011
cg02489377	OR1B1	0.000732121	0.000976391	0.219288	-4.56022	0.000321425	0.165183	-6.0539	0.00676951	0.337621	-2.9619	0.00453832	0.310465	-3.22098	0.000187154	0.142214	-7.03166
cg19998432	OR1B1	0.00186557	0.00252964	0.287274	-3.481	0.000403843	0.187569	-5.33137	0.00504017	0.331637	-3.01535	0.372537	0.761535	-1.31314	0.00220031	0.278779	-3.58707
cg13491724	OR1B1	0.0212123	0.0106774	0.129771	-7.70588	0.028305	0.192567	-5.19299	0.0324949	0.203419	-4.91595	0.0679973	0.272409	-3.67094	0.0132675	0.141906	-7.0469
cg15147833	OR1C1	0.00169193	0.000284388	0.0926912	-10.7885	0.322178	0.663427	-1.50732	0.0169633	0.310897	-3.2165	0.00965387	0.268713	-3.72145	0.00131354	0.153162	-6.52903
cg20305368	OR1C1	0.0246382	0.130326	0.649881	-1.53874	0.0877689	0.608328	-1.64385	0.0155939	0.457417	-2.18619	0.519915	0.841938	-1.18774	0.970255	0.990213	-1.00988
cg23490425	OR1D2	5.53E-06	0.207053	1.18891	1.18891	8.96E-06	0.286131	-3.4949	1.69E-05	0.317204	-3.15254	0.371592	1.12671	1.12671	1.52E-06	0.205417	-4.86816
cg17807683	OR1D2	9.73E-06	0.228076	0.803396	-1.24472	1.08E-05	0.197149	-5.07232	0.0316681	0.646705	-1.5463	0.922818	1.01691	1.01691	0.131578	1.32532	1.32532
cg02721374	OR1D2	0.00255064	0.00283901	0.122631	-8.15452	0.00125275	0.0901199	-11.0963	0.145731	0.450367	-2.22041	0.011028	0.196254	-5.09545	0.00289112	0.123445	-8.10077
cg06962146	OR1D5;OR1D4	0.0299963	0.0211079	0.441875	-2.26308	0.00512713	0.336589	-2.97099	0.454867	0.799178	-1.25129	0.141201	0.62751	-1.5936	0.057088	0.530482	-1.88508
cg14043602	OR1E1	0.0345948	0.709085	0.908065	-1.10124	0.245361	1.36708	1.36708	0.656432	1.12211	1.12211	0.134678	0.660325	-1.5144	0.057397	0.575169	-1.73862
cg06965839	OR1E1	0.0418636	0.00642147	0.156103	-6.40601	0.367123	0.615487	-1.62473	0.69717	0.81476	-1.22735	0.208228	0.499047	-2.00382	0.0197401	0.22878	-4.37101
cg26048334	OR1E2	0.00161869	0.000725794	0.247687	-4.03736	0.0217167	0.473238	-2.1131	0.497434	0.829403	-1.20569	0.48906	1.21025	1.21025	0.434971	1.24146	1.24146
cg10637337	OR1E2	0.00544283	0.0389905	1.29083	1.29083	0.0289891	1.31655	1.31655	0.178848	0.858494	-1.16483	0.406408	0.913256	-1.09498	0.264504	1.1323	1.1323

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19378892	0.00217712	0.166402	-6.00955	0.790387	1.1175	1.1175	0.00988415	0.256812	-3.89389	0.000552682	0.106894	-9.35506	14.7908	40.739	2.44831	1
cg23774016	0.00360498	0.126246	-7.92106	0.13776	0.43198	-2.31492	0.0281112	0.256144	-3.90405	0.0134937	0.200681	-4.98302	6.07222	26.5252	3.88292	1
cg13507224	0.0161236	0.108815	-9.18992	0.359564	0.491785	-2.03341	0.0196671	0.119662	-8.35688	0.0490862	0.18405	-5.43331	3.51076	31.5615	7.99106	1
cg27527345	0.00326687	0.188263	-5.31172	0.00172315	0.155276	-6.44013	0.00198077	0.162072	-6.17011	0.000349196	0.091243	-10.9597	12.9205	35.4921	2.44175	1
cg07037019	0.0199884	0.152713	-6.54822	0.00144654	0.045918	-21.778	0.0041391	0.0762989	-13.1063	0.00858884	0.106093	-9.42568	8.0139	56.8555	6.30632	1
cg15015426	0.0348947	0.254339	-3.93176	0.00393422	0.115273	-8.67506	0.0123277	0.176339	-5.67088	0.0546262	0.297	-3.367	4.66545	22.9131	4.36553	1
cg26043322	0.0708559	0.188993	-5.2912	0.0107385	0.070917	-14.101	0.0374463	0.136254	-7.33926	0.0398687	0.140708	-7.10692	4.62564	49.9197	9.59285	1
cg06251978	0.0247408	0.261849	-3.819	0.0247154	0.261764	-3.82024	0.0480261	0.322127	-3.10437	0.248494	0.546266	-1.83061	3.61345	14.3776	3.5368	1
cg14088669	0.354352	0.586531	-1.70494	0.673383	0.78869	-1.26793	0.00224537	0.0911451	-10.9715	0.00129789	0.0725521	-13.7832	6.03774	29.9798	4.41369	1
cg01463139	0.0692904	0.199011	-5.02485	0.00883866	0.0708072	-14.1229	0.0403867	0.152456	-6.55927	0.0940262	0.231629	-4.31726	3.55382	35.5197	8.88427	1
cg26151206	4.10E-05	0.0590533	-16.9339	2.15E-06	0.0149299	-66.9799	8.30E-05	0.0770584	-12.9772	1.53E-05	0.0392131	-25.5017	38.369	79.5112	1.84203	1
cg27235829	0.000112846	0.107878	-9.26969	9.03E-06	0.0426154	-23.4657	2.17E-05	0.060602	-16.5011	3.73E-05	0.0741487	-13.4864	33.3498	56.925	1.51725	1
cg08400475	0.00484448	0.288489	-3.46634	0.000105935	0.102565	-9.74988	0.00186003	0.230116	-4.34564	4.34E-05	0.0755958	-13.2282	18.5536	32.5289	1.55844	1
cg01733284	0.000831705	0.0482265	-20.7355	0.000220599	0.0245033	-40.8108	0.00037249	0.0323566	-30.9056	0.00128084	0.0590387	-16.938	14.0049	80.549	5.11244	1
cg20228385	0.00267954	0.294719	-3.39306	0.0715511	0.553046	-1.80817	0.000386083	0.188836	-5.29559	0.0624633	0.539446	-1.85375	9.35627	12.8398	1.21984	1
cg18770739	0.779915	0.923181	-1.08321	0.309123	1.35031	1.35031	0.000118706	0.146402	-6.83049	0.0674338	0.55728	-1.79443	9.29554	11.986	1.14617	1
cg03072740	0.0132157	0.314789	-3.17673	0.65465	0.844142	-1.18463	0.00106205	0.161835	-6.17912	0.0068276	0.26748	-3.7386	8.59559	19.2791	1.9937	1
cg26148774	0.0557833	0.256491	-3.89877	0.00973217	0.128338	-7.79193	0.00393293	0.0875017	-11.4283	0.043043	0.23183	-4.3135	4.94513	30.8757	5.54991	1
cg12095324	0.505642	0.89391	-1.11868	0.000534013	2.44733	2.44733	0.702052	1.06591	1.06591	1.30E-05	0.218611	-4.57435	25.7788	11.2572	0.388163	1
cg02608029	0.00142299	0.249169	-4.01334	0.440824	0.789261	-1.26701	0.0312551	0.467259	-2.14014	1.75E-05	0.0709174	-14.1009	18.0331	25.8883	1.27609	1
cg23900936	0.000304097	0.138756	-7.20688	0.000445338	0.154925	-6.45475	0.0487392	0.468852	-2.13287	0.0131463	0.355322	-2.81435	8.77952	15.7461	1.59422	1
cg03776857	0.330086	1.23238	1.23238	0.386199	0.83137	-1.20283	0.137548	0.717138	-1.39443	0.00032591	0.298904	-3.34555	8.20553	5.61712	0.608492	1
cg00153368	0.0685355	0.63363	-1.57821	0.000171658	0.239615	-4.17336	0.711229	0.920156	-1.08677	0.0123151	0.497828	-2.00873	6.62448	5.25382	0.70497	1
cg16027546	0.368772	1.27573	1.27573	0.0698106	1.70722	1.70722	0.198611	1.431	1.431	0.114674	0.635985	-1.57236	5.04327	5.55848	0.979696	1
cg04132017	0.275087	0.371293	-2.69329	0.0200272	0.0864012	-11.5739	0.0388281	0.124033	-8.06235	0.0171896	0.0794008	-12.5943	3.85663	46.5011	10.7177	1
cg05024715	0.0711943	1.36032	1.36032	0.000200676	2.59325	2.59325	0.0399857	1.43688	1.43688	0.0574123	1.38842	1.38842	15.1328	5.58788	0.328228	1
cg00621646	0.00692789	0.483006	-2.07037	0.021388	0.562247	-1.77858	0.2874	1.25864	1.25864	0.0365519	1.65862	1.65862	7.33682	5.03935	0.61054	1
cg15593510	0.00100475	0.102671	-9.73981	0.00281442	0.146816	-6.81127	0.000809014	0.0948244	-10.5458	0.00253815	0.141839	-7.05023	11.3403	39.0355	3.05972	1
cg15852352	0.00967054	0.124044	-8.06163	0.0121341	0.136278	-7.33793	0.00288609	0.0733867	-13.6264	0.00306673	0.0754305	-13.2572	7.97625	51.3348	5.72085	1
cg02657539	0.0164372	0.241521	-4.14043	0.440323	1.46428	1.46428	0.00158821	0.111161	-8.99597	0.0020441	0.121687	-8.21784	12.62	46.9402	3.30624	1
cg25967612	0.0165273	0.251684	-3.97324	0.000178446	0.05024	-19.9045	0.000405629	0.0707963	-14.125	0.00562529	0.180455	-5.54154	11.6176	40.838	3.12461	1
cg04021098	0.317414	0.420735	-2.37679	0.00248357	0.0295248	-33.8699	0.00376794	0.0378095	-26.4484	0.022787	0.101996	-9.80434	5.803	64.495	9.87919	1
cg07018580	0.128232	0.292486	-3.41897	0.00862417	0.0817566	-12.2314	0.00779189	0.077759	-12.8602	0.0429596	0.175263	-5.7057	4.86905	43.104	7.86903	1
cg00988175	0.0371548	0.125988	-7.93724	0.0186946	0.0871437	-11.4753	0.0100669	0.0619924	-16.131	0.073218	0.180771	-5.53187	3.6864	42.7992	10.32	1
cg06454527	0.000705084	0.372204	-2.6867	0.000622648	0.365094	-2.73902	3.98E-05	0.222347	-4.49748	1.73E-06	0.101267	-9.87491	32.5256	18.8749	0.515832	1
cg20287029	0.0675963	0.725693	-1.37799	0.0433433	0.694983	-1.43888	4.24E-05	0.29552	-3.38387	1.36E-06	0.144689	-6.91136	29.339	11.393	0.345176	1
cg11053663	0.00034857	0.24926	-4.01187	1.11E-05	0.104586	-9.56155	0.00114776	0.315161	-3.17299	4.16E-05	0.151666	-6.59345	21.3853	19.7683	0.821677	1
cg11728821	0.00245197	0.168154	-5.94693	0.000548099	0.09869	-10.1327	0.0027914	0.17539	-5.70158	0.00441918	0.202743	-4.93236	9.07355	22.5871	1.93615	1
cg12129480	7.61E-05	0.0927926	-10.7767	5.52E-05	0.0831148	-12.0315	0.000176281	0.121496	-8.23074	0.000626206	0.174984	-5.71481	26.5611	46.2087	1.54641	1
cg04923174	0.000279455	0.0838144	-11.9311	0.000454345	0.099807	-10.0193	0.000749726	0.118468	-8.4411	0.00555986	0.218851	-4.56932	14.229	39.2111	2.44952	1
cg14654811	0.0196375	0.21152	-4.72769	0.116477	0.390641	-2.55989	0.0237897	0.226091	-4.423	0.00169636	0.0845025	-11.834	5.6041	20.9641	4.27527	1
cg25940557	0.00059009	0.12922	-7.73873	0.00023618	0.095461	-10.4755	0.00104115	0.153872	-6.4989	0.00219572	0.191002	-5.23556	15.13	35.6142	2.09234	1
cg20985269	0.000374819	0.0989546	-10.1056	0.000687589	0.121496	-8.23071	0.0131819	0.286588	-3.48933	0.00533198	0.224746	-4.44946	11.4917	30.0984	2.32812	1
cg04436634	0.0264914	0.220887	-4.52719	0.0951781	0.349051	-2.86491	0.00696697	0.13481	-7.41783	0.0191919	0.196603	-5.08639	6.202	32.37	4.63936	1
cg17562226	0.64601	1.08112	1.08112	0.0030419	0.504236	-1.9832	2.02E-05	0.233634	-4.2802	0.000124603	0.323765	-3.08866	26.8562	12.0968	0.400382	1
cg14011416	0.00115126	0.345887	-2.89112	0.0982297	1.49638	1.49638	0.00012639	0.226937	-4.40651	0.0536662	0.614501	-1.62734	17.591	13.7597	0.695291	1
cg07369956	0.000273872	0.320801	-3.11719	0.0100088	1.85921	1.85921	2.60E-05	0.204293	-4.89493	0.345946	0.831006	-1.20336	15.551	8.95887	0.512086	1
cg16057401	0.00286295	0.349342	-2.86252	5.76E-05	0.147797	-6.76602	0.00496891	0.385507	-2.59399	0.146209	0.670451	-1.49153	14.0324	14.6005	0.924874	1
cg05137103	0.6236	1.08368	1.08368	5.51E-05	0.295368	-3.38561	0.000458182	0.407999	-2.45099	0.035403	0.671663	-1.48884	14.0301	5.86595	0.371642	1
cg24950947	0.178938	0.714009	-1.40054	0.0789535	1.58444	1.58444	4.87E-05	0.165005	-6.06042	0.0383144	0.567609	-1.76177	12.9939	11.4548	0.783605	1
cg14584177	0.815532	0.955741	-1.04631	0.335955	1.2119	1.2119	6.19E-05	0.239153	-4.18142	0.00353646	0.464906	-2.15097	12.7613	7.58366	0.528238	1
cg03612791	0.435029	1.1757	1.1757	0.0141443	1.85028	1.85028	0.89332	1.02764	1.02764	0.000687557	0.348746	-2.86742	10.3812	6.79056	0.581442	1
cg16487621	0.00839383	0.51193	-1.95339	0.0252489	0.58914	-1.69739	0.000811046	0.366249	-2.73038	0.0112806	0.531995	-1.87972	9.45265	5.9201	0.556702	1
cg15617549	0.424138	1.11111	1.11111	0.00234881	1.72971	1.72971	0.000215256	0.450551	-2.2195	0.0139354	0.675671	-1.48001	9.3196	2.4591	0.234545	1
cg25426807	0.641753	1.18988	1.18988	0.10367	1.93539	1.93539	0.000170703	0.0933954	-10.7072	0.0304663	0.38921	-2.56931	7.50321	16.3607	1.93822	1
cg16170380	0.789259	0.904288	-1.10584	0.0990757	0.507072	-1.97211	0.00201181	0.194615	-5.13834	0.0135942	0.317677	-3.14785	4.22544	9.43936	1.98572	1
cg18696912	0.0122406	0.430255	-2.3242	0.444003	0.809864	-1.23477	0.000282796	0.201233	-4.96937	0.00219788	0.313408	-3.19072	7.23656	8.36988	1.0281	1
cg11893412	0.40121	1.26725	1.26725	0.958931	0.985905	-1.0143	0.0020085	0.300701	-3.32556	0.105438	0.614099	-1.6284	4.089	4.92086	1.06972	1
cg13183731	0.000117934	0.236451	-4.22921	0.000366558	3.3906	3.3906	0.157292	1.38204	1.38204	0.017002	0.536524	-1.86385	35.2826	25.5773	0.644379	1
cg01351787	0.0415115	1.64885	1.64885	0.0179263	1.84411	1.84411	0.172533	0.734277	-1.36188	0.000357257	0.295566	-3.38333	15.8284	11.346	0.637171	1
cg16746221	0.0606126	0.324332	-3.08326	0.00180016	0.0941232	-10.6244	0.0197279	0.223388	-4.47651	0.00402996	0.127951	-7.81552	7.11521	31.9246	3.98828	1
cg24137472	0.0399815	0.313938	-3.18534	0.00260968	0.130707	-7.65072	0.0161677	0.237886	-4.2037	0.0227157	0.264239	-3.78446	7.5114	28.3344	3.35305	1
cg05122082	0.0401044	0.45055	-2.21951	0.0537625	2.08779	2.08779	0.00761518	0.315563	-3.16894	0.0310853	0.427163	-2.34103	6.57379	11.7625	1.59049	1
cg05888433	0.147037	0.389877	-2.56491	0.00991132	0.139178	-7.18502	0.0393891	0.236333	-4.23133	0.0395957	0.236798	-4.223	4.69491	27.2419	5.15771	1
cg11066244	0.0094979	0.258975	-3.86138	0.00992739	0.262073	-3.81572	0.00677412	0.236225	-4.23325	0.121556	0.501509	-1.99398	5.85134	15.6668	2.37997	1
cg03008515	0.162339	0.490683	-2.03798	0.0198839	0.261429	-3.82512	0.00718532	0.190871	-5.23913	0.163532	0.491806	-2.03332	4.42155	15.9506	3.20663	1
cg26832666	0.000446032	0.258869	-3.86296	0.0555159	1.69782	1.69782	0.00143945	0.325054	-3.07641	2.98E-05	0.136198	-7.34225	25.7828	24.2971	0.837667	1
cg20805835	0.264591	0.813198	-1.22971	0.320785	1.20013	1.20013	0.00727822	0.540318	-1.85076	4.41E-05	0.252314	-3.96331	19.6414	9.83802	0.445229	1
cg20467147	0.00596256	0.227397	-4.3976	0.059816	0.41691	-2.3986	0.0520355	0.402304	-2.48568	0.00179139	0.160329	-6.23718	8.20082	22.0424	2.38918	1
cg11606050	0.974837	1.01784	1.01784	0.167048	2.28408	2.28408	0.0548724	0.294976	-3.3901	0.000733789	0.0563003	-17.7619	6.64665	33.0967	4.42618	1
cg12080717	0.0273375	0.396292	-2.52339	0.0110629	0.323153	-3.09451	0.00734148	0.293713	-3.40469	0.00454748	0.261863	-3.81879	6.40813	12.7556	1.76937	1
cg05726701	0.437164	0.651635	-1.5346	0.0703771	0.33527	-2.98267	0.175151	0.458816	-2.17952	0.00634366	0.146602	-6.82118	4.25175	19.6595	4.11011	1
cg06544652	0.0465251	0.360039	-2.77747	0.40321	1.46712	1.46712	0.0166163	0.269654	-3.70845	0.0142047	0.257817	-3.87873	3.938	12.5226	2.82661	1
cg25977492	2.30E-05	0.209771	-4.76709	0.960158	0.990829	-1.00926	7.54E-06	0.162682	-6.14697	9.50E-05	0.277494	-3.60369	35.2297	18.9772	0.478819	1
cg08862210	0.0649056	1.34585	1.34585	0.497801	1.10365	1.10365	2.14E-07	0.105689	-9.4617	0.628772	1.0723	1.0723	32.6303	10.6105	0.289043	1
cg06658129	0.223623	0.848238	-1.17891	0.00111602	0.53899	-1.85532	4.15E-06	0.253483	-3.94503	0.0937282	0.788774	-1.26779	23.6227	6.20017	0.233304	1
cg10916646	0.254183	0.792826	-1.26131	0.533593	1.13081	1.13081	2.45E-05	0.194493	-5.14157	0.0479993	0.64357	-1.55383	13.5287	8.14529	0.535177	1
cg11815614	0.921644	1.02342	1.02342	0.000355989	0.259604	-3.85202	0.000279366	0.247011	-4.0484	0.0457388	0.583425	-1.71402	11.5425	10.1181	0.779198	1
cg21414251	0.242175	0.630303	-1.58654	0.000197208	0.0945017	-10.5818	0.000392523	0.118856	-8.41355	0.0222931	0.356036	-2.80871	10.1403	22.8329	2.00152	1
cg09081266	0.715967	0.834515	-1.1983	0.0363437	0.299808	-3.33547	0.00165033	0.107532	-9.29953	0.0650171	0.358545	-2.78905	5.35255	20.7767	3.45035	1
cg08930944	0.0511972	0.736632	-1.35753	0.0223428	1.45769	1.45769	0.0104909	0.641847	-1.558	0.622077	1.07079	1.07079	8.12415	2.43847	0.2668	1
cg27359472	0.00260788	1.60281	1.60281	0.0498397	1.288	1.288	3.49E-07	0.189034	-5.29004	0.0052949	0.659789	-1.51564	43.0444	8.72576	0.180191	1
cg10278025	0.345997	1.21689	1.21689	0.000660519	0.348203	-2.87189	0.000251386	0.2949	-3.39098	0.010902	0.523924	-1.90867	18.4225	11.9363	0.575928	1
cg20856834	0.108815	0.699605	-1.42938	0.0155339	0.545404	-1.8335	9.89E-06	0.143741	-6.95698	0.0232762	0.574697	-1.74005	14.7163	9.72467	0.587388	1
cg09861992	0.975187	0.993863	-1.00618	0.0107809	0.530454	-1.88518	0.00245618	0.434352	-2.30228	0.173538	0.750802	-1.33191	12.467	7.73581	0.55156	1
cg01553182	0.220124	0.564225	-1.77234	0.00114842	0.119866	-8.34266	0.00122798	0.122632	-8.15447	0.0170234	0.274853	-3.6383	6.94603	21.6766	2.77397	1
cg03608577	0.213088	0.622629	-1.60609	0.177859	0.596089	-1.6776	0.000396022	0.130249	-7.67762	0.241698	0.642235	-1.55706	4.76185	9.84688	1.8381	1
cg05954825	0.822456	1.04359	1.04359	0.285403	1.23594	1.23594	0.101872	0.708428	-1.41158	0.0300502	0.608353	-1.64378	7.10353	3.9682	0.434485	1
cg01190330	0.245342	1.44983	1.44983	0.0152531	2.48626	2.48626	0.224692	1.47675	1.47675	0.654228	0.871263	-1.14776	4.57659	6.77285	1.31546	1
cg08244656	0.407247	0.887788	-1.12639	0.499438	1.10104	1.10104	6.71E-05	0.358736	-2.78756	6.72E-06	0.245651	-4.07082	33.2795	10.3892	0.277492	1
cg01167924	0.541249	1.10212	1.10212	7.13E-05	0.320406	-3.12104	0.0680474	0.725217	-1.3789	0.126546	0.771164	-1.29674	27.26	10.6721	0.347994	1
cg17059136	0.0183735	0.38235	-2.6154	0.000157978	0.114008	-8.77133	0.115651	0.562875	-1.77659	0.00179376	0.224732	-4.44974	13.3289	23.8376	1.58971	1
cg07389810	0.00112463	0.204539	-4.88905	0.000452151	0.160446	-6.23264	0.0072832	0.318067	-3.14399	0.0131603	0.361526	-2.76605	8.71451	15.1177	1.54202	1
cg12100026	0.00285057	0.399628	-2.50233	0.667413	1.10138	1.10138	0.304265	0.788475	-1.26827	0.61008	0.891471	-1.12174	3.81808	3.0171	0.702412	1
cg26722684	0.58701	1.11769	1.11769	0.055493	1.55317	1.55317	0.12908	0.716967	-1.39476	0.0110545	0.523862	-1.9089	3.67114	2.39297	0.579408	1
cg05877590	0.435351	0.60709	-1.6472	0.00148424	0.0564492	-17.715	0.0159889	0.157312	-6.35681	0.00589423	0.104421	-9.57662	5.77759	35.9818	5.53585	1
cg06565452	0.0234028	0.277989	-3.59727	0.000919026	0.0962454	-10.3901	0.320858	0.615813	-1.62387	0.00270753	0.141095	-7.08745	11.4647	40.5689	3.1454	1
cg26979829	0.000142239	0.303656	-3.2932	0.000356002	0.352984	-2.83299	0.0984302	0.719478	-1.3899	5.49E-06	0.15474	-6.46247	38.5143	20.1298	0.464585	1
cg00202246	0.617425	0.752666	-1.32861	0.00405335	0.113348	-8.82241	0.62719	0.758699	-1.31804	0.0106109	0.163147	-6.12945	7.87837	39.7208	4.48156	1
cg12984636	0.0255682	0.139547	-7.16602	0.16825	0.336198	-2.97444	0.130451	0.297448	-3.36193	0.026663	0.142296	-7.02762	4.04176	35.2782	7.7586	1
cg07776015	0.890987	1.10401	1.10401	0.510596	1.61853	1.61853	0.0874858	0.256357	-3.9008	0.0134919	0.110072	-9.08496	4.49744	37.0848	7.32957	1
cg10493479	0.922322	1.04936	1.04936	0.700452	1.2104	1.2104	0.590248	0.764506	-1.30803	0.0069852	0.178452	-5.60374	3.68311	14.2332	3.43506	1
cg12281614	0.636104	1.1648	1.1648	0.685966	1.13894	1.13894	0.0910836	0.551188	-1.81426	0.225931	0.665655	-1.50228	5.34168	8.66628	1.44212	1
cg20212823	0.51722	1.21677	1.21677	0.250937	0.698774	-1.43108	0.169429	0.645734	-1.54862	0.0174103	0.421017	-2.3752	7.90757	11.1812	1.25687	1
cg14276698	0.000624438	0.372043	-2.68786	0.0799219	1.44073	1.44073	0.0369386	0.63422	-1.57674	0.124078	0.731281	-1.36746	5.27752	2.95169	0.497151	1
cg25977504	0.133418	0.735889	-1.3589	0.760217	1.0597	1.0597	0.000760243	0.380359	-2.6291	1.88E-05	0.192272	-5.20098	20.0283	11.3835	0.505219	1
cg03770187	0.858218	1.01374	1.01374	0.00294693	1.36562	1.36562	0.01781	0.802615	-1.24593	0.00195114	0.715807	-1.39703	11.7614	1.08517	0.0820138	1
cg16027403	0.00651819	0.0786119	-12.7207	0.00154967	0.037845	-26.4236	0.00451708	0.0657219	-15.2156	0.00366861	0.0592474	-16.8784	8.38627	68.7372	7.28569	1
cg13819577	0.09802	0.360707	-2.77233	0.000237624	0.0327049	-30.5764	0.0946189	0.356227	-2.8072	0.00203961	0.0869176	-11.5051	8.38919	41.9388	4.44369	1
cg17908657	0.0660581	0.230519	-4.33803	0.472106	0.594218	-1.68288	0.154123	0.337657	-2.96159	0.00925121	0.0953038	-10.4928	3.56366	28.5848	7.12994	1
cg01165362	0.131156	0.265231	-3.77029	0.0171782	0.0939987	-10.6384	0.078509	0.203657	-4.91023	0.0563203	0.172083	-5.81115	3.45559	36.2882	9.33449	1
cg12628075	0.00068557	0.437505	-2.28569	0.00010678	2.97381	2.97381	0.00336651	0.529498	-1.88858	0.0148908	0.620382	-1.61191	29.4468	11.8515	0.357751	1
cg03564455	0.405216	1.17094	1.17094	0.987799	1.00284	1.00284	0.000257009	0.327881	-3.04989	2.23E-05	0.206813	-4.83529	13.1912	7.17399	0.48342	1
cg10643236	0.178985	0.782881	-1.27733	0.00228925	2.07727	2.07727	0.000490771	0.39213	-2.55017	0.39405	1.16146	1.16146	12.1787	5.67011	0.413844	1
cg25267258	0.331222	0.845706	-1.18244	0.000869111	2.30523	2.30523	0.0916352	1.36407	1.36407	0.560857	0.906378	-1.10329	10.0532	4.44897	0.393373	1
cg18828927	0.0148832	0.470396	-2.12587	0.902061	0.969477	-1.03148	0.00860876	0.430152	-2.32476	0.685139	0.902452	-1.10809	6.33655	6.36268	0.892555	1
cg07193515	0.105748	1.32878	1.32878	0.528757	1.10812	1.10812	0.159698	0.785289	-1.27342	0.0765943	0.728429	-1.37282	6.0173	2.46631	0.364329	1
cg16958668	0.354826	1.15396	1.15396	0.0231539	1.50448	1.50448	0.0834347	0.749562	-1.33411	0.697898	0.943009	-1.06044	4.85068	1.73863	0.318605	1
cg24817358	0.280248	1.23485	1.23485	0.0240954	1.65794	1.65794	0.137541	0.740389	-1.35064	0.0261849	1.64177	1.64177	3.53815	1.9794	0.497285	1
cg03019219	0.0559442	0.349692	-2.85966	0.0111426	0.213543	-4.68289	0.190675	0.510479	-1.95894	0.119713	0.44078	-2.2687	3.4863	13.0011	3.31485	1
cg13524880	0.814071	0.957694	-1.04417	0.000102096	0.282949	-3.53421	0.300822	1.2174	1.2174	0.0573525	0.674039	-1.48359	9.04008	4.82025	0.473963	1
cg03529662	0.022014	0.259795	-3.84919	0.0110699	0.209432	-4.77481	0.00593889	0.171108	-5.84426	0.115679	0.432087	-2.31435	4.39068	16.7438	3.38978	1
cg25607161	0.238093	0.483622	-2.06773	0.367376	0.580232	-1.72345	0.208041	0.458261	-2.18216	0.0148032	0.171568	-5.8286	3.7469	20.5071	4.86498	1
cg05946604	0.206313	0.398912	-2.50682	0.269552	0.452628	-2.20932	0.0770677	0.257867	-3.87796	0.0412414	0.197233	-5.07014	3.60152	27.1119	6.69146	1
cg18009704	0.393915	0.567872	-1.76096	0.00870225	0.114588	-8.72691	0.772243	1.2069	1.2069	0.0309871	0.193771	-5.16072	3.43256	22.8266	5.91114	1
cg27594073	0.0121981	0.315037	-3.17423	0.217799	1.61525	1.61525	0.0183382	0.346945	-2.8823	0.0595761	0.455497	-2.19541	7.37871	15.9849	1.92565	1
cg27429194	0.00245603	0.318847	-3.1363	0.00206072	0.308013	-3.24662	0.00466124	0.360289	-2.77555	0.0500284	0.545362	-1.83364	7.01586	8.17926	1.03629	1
cg03271520	0.00867502	0.109248	-9.15349	0.0011225	0.041809	-23.9183	0.00210471	0.0571255	-17.5053	0.0339857	0.194351	-5.14532	6.39565	44.371	6.16683	1
cg13482309	0.0402033	0.467931	-2.13707	0.000139416	0.121481	-8.23176	0.284448	0.700317	-1.42792	0.00337691	0.278837	-3.58632	13.608	22.1203	1.44492	1
cg02489377	0.367508	0.750984	-1.33159	0.000967993	0.21883	-4.56975	0.00337632	0.291337	-3.43246	0.0122168	0.380655	-2.62705	12.8483	19.4746	1.34732	1
cg19998432	0.0325788	0.47506	-2.105	0.000416335	0.189019	-5.29049	0.0873238	0.570244	-1.75364	0.127277	0.612191	-1.63348	9.83906	13.7978	1.24654	1
cg13491724	0.751199	0.816785	-1.22431	0.00923388	0.122168	-8.18544	0.0111608	0.132169	-7.56607	0.0462702	0.233946	-4.2745	4.61116	29.563	5.69884	1
cg15147833	0.000941592	0.138154	-7.2383	0.00261589	0.187832	-5.32392	0.00817141	0.257149	-3.88879	0.0287368	0.355211	-2.81523	10.1217	25.8071	2.26638	1
cg20305368	0.0160999	0.459882	-2.17447	0.235623	1.38796	1.38796	0.631398	0.880296	-1.13598	0.00249862	0.33023	-3.02819	4.37936	4.82534	0.979411	1
cg23490425	0.000579101	0.500457	-1.99817	0.000264525	2.17974	2.17974	0.486403	1.09633	1.09633	0.000332285	0.470865	-2.12375	47.2899	12.6656	0.238071	1
cg17807683	0.0160405	0.600506	-1.66526	0.207918	1.25828	1.25828	5.25E-07	0.0891684	-11.2147	1.69E-05	0.216801	-4.61251	40.8545	19.3719	0.421482	1
cg02721374	0.0186123	0.232942	-4.29292	0.00335715	0.130291	-7.67511	0.00126536	0.0904726	-11.0531	0.00481584	0.148055	-6.75423	8.97887	37.0897	3.6718	1
cg06962146	0.0728376	0.55471	-1.80274	0.72511	1.10957	1.10957	0.173587	0.65287	-1.5317	0.00565006	0.34319	-2.91383	4.08701	5.61379	1.22095	1
cg14043602	0.0883743	0.616434	-1.62223	0.00161941	0.312631	-3.19866	0.871296	1.04261	1.04261	0.150764	0.672826	-1.48627	3.88345	4.07269	0.932203	1
cg06965839	0.0796118	0.360886	-2.77096	0.00795728	0.168238	-5.94395	0.0783721	0.359036	-2.78524	0.0926018	0.379257	-2.63674	3.62169	15.7412	3.86344	1
cg26048334	0.085781	1.6746	1.6746	0.0434594	1.87857	1.87857	0.0182265	0.459219	-2.17761	0.000371618	0.213006	-4.69471	10.252	11.9708	1.03791	1
cg10637337	0.00536161	0.67586	-1.4796	0.181861	0.859508	-1.16346	0.001881	1.60138	1.60138	0.102793	0.826386	-1.21009	7.15045	1.29256	0.160681	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14314889	OR1E2	0.0184638	0.205128	1.37037	1.37037	0.554981	1.15111	1.15111	0.56692	1.14615	1.14615	0.671573	0.904371	-1.10574	0.142145	1.45053	1.45053
cg10231746	OR1E2	0.0436147	0.535013	0.709101	-1.41024	0.0074311	0.151606	-6.59606	0.0613666	0.315592	-3.16865	0.688321	1.24687	1.24687	0.0631884	0.31875	-3.13726
cg16807989	OR1F1	6.48E-05	0.157315	0.658012	-1.51973	0.00342041	0.332614	-3.00649	6.84E-05	0.133267	-7.50374	0.725093	0.906908	-1.10265	5.60E-06	0.0586883	-17.0392
cg07879977	OR1F1	0.00203909	0.0453453	0.479737	-2.08448	0.000644314	0.18726	-5.34018	0.0165908	0.39214	-2.55011	0.0459836	0.481071	-2.0787	0.00074377	0.19433	-5.14589
cg08761659	OR1F1	0.00653625	0.00698176	0.229112	-4.36467	0.000585004	0.105983	-9.43548	0.147426	0.518687	-1.92794	0.243808	0.59751	-1.67361	0.00757787	0.23445	-4.2653
cg27203983	OR1F2P	1.80E-05	5.01E-05	0.116166	-8.60838	0.00430208	0.339424	-2.94617	0.000728547	0.233681	-4.27934	0.0130708	0.418414	-2.38998	2.68E-07	0.013413	-74.5546
cg00005166	OR1F2P	0.00078167	0.00289455	0.288014	-3.47205	0.000376395	0.17769	-5.62778	0.00185834	0.261243	-3.82785	0.278616	0.710066	-1.40832	0.000332444	0.172003	-5.81385
cg03208902	OR1F2P	0.00568878	0.296359	0.548311	-1.82378	0.000722983	0.0576015	-17.3607	0.0667798	0.319631	-3.12861	0.013086	0.181209	-5.51849	0.00333306	0.108885	-9.184
cg07938480	OR1F2P	0.00939437	0.00396297	0.0774852	-12.9057	0.00564557	0.09094	-10.9963	0.0423409	0.213625	-4.6811	0.354697	0.533386	-1.87482	0.00157314	0.0499368	-20.0253
cg02499925	OR1G1	0.000816265	0.000823921	0.106249	-9.41188	0.000222312	0.0648617	-15.4174	0.0407438	0.349557	-2.86076	0.0159891	0.269177	-3.71503	0.000284805	0.0715659	-13.9731
cg27622610	OR1G1	0.000967332	0.0525127	0.516094	-1.93763	0.000211009	0.155871	-6.41557	0.540671	0.830414	-1.20422	0.147684	0.627472	-1.5937	0.000250036	0.163186	-6.12797
cg00085430	OR1G1	0.00724883	0.0196828	0.322046	-3.10515	0.0307477	0.360435	-2.77443	0.164195	0.550497	-1.81654	0.729108	1.15006	1.15006	0.0370426	0.377651	-2.64794
cg09554952	OR1G1	0.0223358	0.00681276	0.148255	-6.74512	0.409069	0.631456	-1.58364	0.100194	0.375048	-2.66633	0.0295918	0.247922	-4.03352	0.137095	0.418138	-2.39155
cg06882926	OR1G1	0.0407059	0.0283671	0.112004	-8.92828	0.00649229	0.0501336	-19.9467	0.285803	0.391479	-2.55441	0.320774	0.419846	-2.38183	0.0270677	0.109259	-9.1526
cg08703606	OR1I1	0.000208236	0.984845	0.994529	-1.0055	0.00183872	0.278643	-3.58883	0.000689311	0.22391	-4.46608	0.531968	0.832895	-1.20063	0.000306757	0.183976	-5.43549
cg19334900	OR1I1	0.000215483	0.961663	0.990139	-1.00996	7.00E-05	0.223872	-4.46685	0.00262443	0.423671	-2.36032	0.207152	0.760125	-1.31557	0.164212	0.736372	-1.35801
cg19521646	OR1I1	0.0138688	0.0224411	0.277944	-3.59785	0.522574	0.73831	-1.35444	0.0545688	0.36024	-2.77593	0.347494	0.635796	-1.57283	0.0134674	0.238758	-4.18834
cg00364445	OR1I1	0.023452	0.0112389	0.286642	-3.48868	0.0409007	0.395197	-2.53038	0.00660735	0.249768	-4.00371	0.0423808	0.398645	-2.50849	0.00937608	0.27362	-3.6547
cg05308135	OR1J1	0.000184497	6.31E-06	0.181754	-5.50193	0.0766773	1.39501	1.39501	0.000766286	0.422468	-2.36704	0.0158229	0.606658	-1.64837	0.0564457	1.44073	1.44073
cg02608453	OR1J1	0.00135875	0.00171582	0.22948	-4.35767	0.0120823	0.357294	-2.79882	0.00844441	0.330845	-3.02256	0.452286	0.777366	-1.2864	0.00370995	0.275425	-3.63075
cg13826264	OR1J1	0.0174183	0.000692148	0.405338	-2.46708	0.0510755	1.47327	1.47327	0.0503898	0.67777	-1.47543	0.953656	1.01019	1.01019	0.965736	1.00752	1.00752
cg02644195	OR1J2	0.0223345	0.00736146	0.178642	-5.59778	0.672666	1.23603	1.23603	0.216779	0.523051	-1.91186	0.0232643	0.258622	-3.86665	0.0948421	0.400359	-2.49776
cg13555817	OR1K1	5.48E-05	1.02E-05	0.356275	-2.80682	0.088425	1.22764	1.22764	5.22E-06	0.32356	-3.09062	0.00965257	0.699526	-1.42954	0.000745657	0.572111	-1.74791
cg14108527	OR1K1	0.0019707	0.000184917	0.120816	-8.27705	0.543338	1.22859	1.22859	0.0168191	0.37674	-2.65435	0.273841	0.683144	-1.46382	0.00028464	0.137594	-7.26773
cg01687369	OR1K1	0.0200993	0.0193735	0.421497	-2.37249	0.593095	0.848058	-1.17916	0.00820893	0.355826	-2.81036	0.019769	0.423147	-2.36325	0.00193186	0.261663	-3.8217
cg01693284	OR1L3	0.000125786	3.19E-05	0.163807	-6.10476	0.216919	1.33679	1.33679	0.00101815	0.336703	-2.96998	0.00253663	0.392161	-2.54998	0.000138927	0.229734	-4.35286
cg13652536	OR1L3	0.00151362	0.0406311	0.329702	-3.03304	0.00125272	0.109495	-9.13281	0.0032169	0.1515	-6.60066	0.114786	0.447098	-2.23664	0.0260622	0.289522	-3.45397
cg08970655	OR1L3	0.00175835	0.00373837	0.171954	-5.81551	0.000407169	0.0799847	-12.5024	0.0143615	0.257404	-3.88495	0.363915	0.657343	-1.52128	0.00579849	0.196896	-5.07882
cg14400179	OR1L3	0.0275232	0.0043518	0.596522	-1.67638	0.548054	0.92088	-1.08592	0.0715284	0.761175	-1.31376	0.663376	1.06119	1.06119	0.0170796	0.674178	-1.48329
cg25284223	OR1L6	0.00234958	0.471935	0.837199	-1.19446	0.000133822	0.200408	-4.98982	0.054789	0.589197	-1.69723	0.348613	1.26407	1.26407	0.0623868	0.600859	-1.66428
cg22148214	OR1M1	0.000253553	0.00292187	0.369246	-2.70822	0.353682	0.792531	-1.26178	0.000612884	0.276434	-3.6175	9.45E-05	0.183591	-5.4469	1.94E-05	0.120953	-8.2677
cg14758105	OR1M1	0.000958796	8.91E-05	0.106532	-9.38684	0.0028612	0.269868	-3.70552	0.00358859	0.283994	-3.52121	0.0243848	0.424764	-2.35425	0.000482604	0.174249	-5.73893
cg03221198	OR1M1	0.00354657	0.00582338	0.246989	-4.04877	0.498751	1.30465	1.30465	0.0416428	0.402718	-2.48312	0.0140651	0.309149	-3.23469	0.000711759	0.135811	-7.36318
cg17116170	OR1M1	0.00534752	0.00494086	0.203861	-4.90531	0.00178918	0.149778	-6.67654	0.0546896	0.394154	-2.53708	0.305895	0.6358	-1.57282	0.00125107	0.13352	-7.48953
cg00708736	OR1M1	0.0234309	0.0209424	0.306194	-3.26591	0.0114382	0.259716	-3.85037	0.064908	0.41352	-2.41826	0.114812	0.481659	-2.07616	0.0126623	0.267091	-3.74404
cg22354397	OR1M1	0.032355	0.0542062	0.654657	-1.52752	0.274554	0.80217	-1.24662	0.869433	0.968605	-1.03241	0.410982	0.849581	-1.17705	0.286957	0.807035	-1.2391
cg16473288	OR1N1	1.28E-05	1.22E-06	0.060906	-16.4187	0.481732	0.852234	-1.17339	0.000236141	0.25602	-3.90594	4.35E-06	0.0935919	-10.6847	0.421228	1.20168	1.20168
cg14598387	OR1N1	1.70E-05	6.88E-06	0.142963	-6.99483	4.76E-06	0.12967	-7.71189	0.00493189	0.483494	-2.06828	0.000135804	0.275573	-3.6288	0.00177931	0.419749	-2.38238
cg14008631	OR1Q1	2.26E-06	1.75E-06	0.199243	-5.01901	0.0265049	1.42644	1.42644	6.88E-05	0.374343	-2.67135	7.08E-06	0.261576	-3.82299	0.107682	0.788939	-1.26752
cg05116777	OR1Q1	0.00382513	0.000310152	0.171169	-5.84217	0.725007	0.898947	-1.11241	0.00320006	0.297051	-3.36643	0.00347829	0.302352	-3.3074	0.367388	0.756321	-1.32219
cg22982884	OR1S1	0.0199703	0.482684	0.808865	-1.2363	0.239914	0.693603	-1.44175	0.0225541	0.443911	-2.2527	0.122374	0.607889	-1.64504	0.0529557	0.520008	-1.92305
cg18431655	OR1S2	0.000530026	0.541122	0.819682	-1.21998	0.630324	0.855681	-1.16866	0.00123984	0.219343	-4.55907	0.149639	0.608652	-1.64297	0.00566659	0.311436	-3.21093
cg11527344	OR1S2	0.00469569	0.422003	0.773101	-1.29349	0.0959763	0.563485	-1.77467	0.000647034	0.193642	-5.16418	0.14652	0.613258	-1.63063	0.804305	0.925063	-1.08101
cg21228157	OR2A12	3.62E-07	7.76E-08	0.157331	-6.35603	0.114519	1.19455	1.19455	0.983018	1.00221	1.00221	1.23E-06	0.273656	-3.65422	0.00144058	0.620606	-1.61133
cg09371084	OR2A12	0.00105464	9.57E-05	0.0415604	-24.0614	0.737024	0.856968	-1.1669	0.16598	0.508355	-1.96713	0.00269211	0.149664	-6.68162	0.000754109	0.096331	-10.3809
cg03412967	OR2A14	0.000189504	7.99E-06	0.105278	-9.49867	0.0162674	1.96791	1.96791	0.000700366	0.303993	-3.28954	0.602615	1.12864	1.12864	0.214942	0.740267	-1.35086
cg03426413	OR2A14	0.00447226	0.00131497	0.43424	-2.30288	0.257715	0.809998	-1.23457	0.0701164	0.696799	-1.43513	0.0201957	0.606668	-1.64835	0.86473	0.970037	-1.03089
cg24881689	OR2A14	0.0233045	0.62797	1.23783	1.23783	0.77001	0.879771	-1.13666	0.484485	1.364	1.364	0.00180924	0.143947	-6.94701	0.569056	0.777658	-1.28591
cg05353481	OR2A2	0.00628452	0.000537011	0.054273	-18.4254	0.447018	0.657489	-1.52094	0.18422	0.466684	-2.14278	0.0107315	0.176456	-5.66713	0.0571785	0.312173	-3.20335
cg02449336	OR2A2	0.0205678	0.00848882	0.122063	-8.19249	0.00416719	0.090374	-11.0651	0.150252	0.380824	-2.62589	0.161947	0.392639	-2.54687	0.0227185	0.181381	-5.51325
cg25206451	OR2A2	0.0224642	0.000764482	0.0524214	-19.0762	0.214217	0.469414	-2.13031	0.106267	0.360549	-2.77355	0.0296654	0.227546	-4.39471	0.888991	0.922406	-1.08412
cg14358164	OR2A25	0.00673974	0.30947	0.811036	-1.23299	0.0201959	0.572459	-1.74685	0.0345823	0.612197	-1.63346	0.224889	0.775814	-1.28897	0.00125973	0.391588	-2.55371
cg17026542	OR2A4;ENPP3	0.0161696	0.00413272	0.224556	-4.45324	0.0382017	0.393356	-2.54223	0.0224665	0.345797	-2.89187	0.96764	1.01588	1.01588	0.00850419	0.271323	-3.68564
cg08425482	OR2A5	0.00100749	3.16E-05	0.254767	-3.92516	0.00687614	0.554254	-1.80423	0.580875	1.0986	1.0986	0.655896	1.07856	1.07856	0.0356322	0.662057	-1.51044
cg16347377	OR2A7	0.00629575	0.000755736	0.217312	-4.60168	0.202795	0.669089	-1.49457	0.0284549	0.461714	-2.16584	0.742098	1.10373	1.10373	0.00247107	0.284278	-3.51769
cg00866206	OR2AE1	8.04E-05	1.24E-05	0.167722	-5.96226	0.916286	0.979821	-1.02059	0.00698667	0.508439	-1.9668	0.000303871	0.320454	-3.12058	8.45E-06	0.15253	-6.55607
cg11138231	OR2AE1	0.019759	0.253377	0.85073	-1.17546	0.123209	1.25395	1.25395	0.769352	1.04065	1.04065	0.736877	1.04676	1.04676	0.114486	0.792436	-1.26193
cg05813532	OR2AG1	0.0153513	0.0284519	0.472015	-2.11858	0.033186	2.06031	2.06031	0.0539687	0.529871	-1.88725	0.0204234	0.444325	-2.2506	0.0112043	0.397449	-2.51605
cg04895001	OR2AG1	0.0440027	0.0137848	0.196882	-5.07919	0.548922	0.723427	-1.38231	0.00935502	0.172153	-5.8088	0.604556	0.756629	-1.32165	0.0713776	0.341307	-2.92991
cg01145442	OR2AG2	1.30E-06	4.64E-05	0.367131	-2.72382	0.0403127	1.3617	1.3617	2.05E-07	0.128092	-7.80689	0.172561	0.827613	-1.20829	3.27E-06	0.238308	-4.19624
cg23951114	OR2AG2	0.000129098	0.515655	0.862776	-1.15905	0.0252842	0.551232	-1.81412	1.98E-06	0.0719683	-13.895	0.315665	0.792693	-1.26152	0.0126564	0.499564	-2.00174
cg10292915	OR2AG2	0.000161931	0.0182613	0.570893	-1.75164	0.00882805	1.91996	1.91996	3.05E-05	0.203081	-4.92415	9.32E-05	0.255668	-3.91132	0.000248262	0.306221	-3.26562
cg21992507	OR2AG2	0.0141028	0.0200845	0.683833	-1.46234	0.664469	1.06092	1.06092	0.137339	0.805063	-1.24214	0.099428	0.78293	-1.27725	0.0922457	0.777971	-1.28545
cg11977100	OR2AK2;OR2L13	3.81E-06	9.28E-07	0.054551	-18.3315	0.413925	1.20589	1.20589	0.00337885	0.40922	-2.44367	0.0341684	0.574619	-1.74028	0.000100405	0.213093	-4.69279
cg08141722	OR2AT4	0.00208174	0.0225778	0.260094	-3.84477	0.163193	0.480007	-2.0833	0.00221431	0.120684	-8.28613	0.98075	1.01197	1.01197	0.000110667	0.034936	-28.6237
cg04495219	OR2AT4	0.00275123	0.0186634	0.560419	-1.78438	0.235655	0.776918	-1.28714	0.000343368	0.31019	-3.22383	0.246295	0.781722	-1.27923	0.00995473	0.516271	-1.93697
cg15412313	OR2AT4	0.0364637	0.0546529	1.4923	1.4923	0.524954	1.12559	1.12559	0.320444	1.20748	1.20748	0.596636	0.906567	-1.10306	0.00410842	0.49313	-2.02786
cg05777962	OR2B11	1.94E-06	1.89E-08	0.177822	-5.6236	0.554532	1.04949	1.04949	0.00126879	0.683861	-1.46229	0.734691	0.972888	-1.02787	0.01407	0.782752	-1.27754
cg24582475	OR2B11	3.02E-06	2.03E-07	0.223538	-4.47352	0.0548348	1.22953	1.22953	9.62E-05	0.517668	-1.93174	0.0832066	0.833619	-1.19959	0.0268745	0.779778	-1.28242
cg02650767	OR2B11	4.11E-06	1.65E-06	0.0607161	-16.4701	0.0019153	2.7803	2.7803	4.03E-05	0.161258	-6.20124	0.954515	1.01336	1.01336	6.22E-05	0.17952	-5.57041
cg07318145	OR2B11	3.65E-05	1.79E-05	0.0902196	-11.0841	0.000540752	4.37727	4.37727	0.000255282	0.191442	-5.22353	0.949989	0.982933	-1.01736	4.72E-05	0.121861	-8.20608
cg00112952	OR2B11	0.000889007	3.38E-05	0.061229	-16.3321	0.559593	0.814546	-1.22768	0.00182007	0.214212	-4.66827	0.804254	1.09017	1.09017	0.00106064	0.185837	-5.38107
cg06761920	OR2B11	0.00498705	0.000125831	0.224742	-4.44955	0.629132	0.896921	-1.11493	0.12719	0.691598	-1.44593	0.509286	1.16144	1.16144	0.133947	0.696751	-1.43523
cg14422922	OR2B11	0.0140441	0.00200468	0.128534	-7.78002	0.476898	0.711579	-1.40533	0.0400333	0.327425	-3.05413	0.00276026	0.143316	-6.97758	0.00591516	0.183789	-5.44102
cg21302594	OR2B11	0.0158895	0.0708718	0.455064	-2.19749	0.00755558	3.82183	3.82183	0.311008	1.50519	1.50519	0.00617716	0.248267	-4.02792	0.400966	0.715064	-1.39848
cg14830002	OR2B11	0.021561	0.00197126	0.104718	-9.54948	0.0668496	0.346397	-2.88686	0.0506427	0.316883	-3.15574	0.0189769	0.230902	-4.33085	0.0542482	0.323944	-3.08696
cg06852298	OR2B11	0.0355726	0.237515	0.703122	-1.42223	0.12902	1.59507	1.59507	0.0591419	0.545253	-1.83401	0.00161332	0.27611	-3.62175	0.144156	0.639802	-1.56298
cg03056265	OR2B2	0.000842491	0.38407	1.1742	1.1742	0.288	1.21956	1.21956	0.012047	0.569272	-1.75663	0.110198	1.36786	1.36786	0.0619557	0.685099	-1.45964
cg07872007	OR2B2	0.00169345	0.000417211	0.151196	-6.61391	0.329892	0.712198	-1.4041	0.550351	0.815487	-1.22626	0.0349399	2.29246	2.29246	0.00018597	0.118821	-8.416
cg22242770	OR2B2	0.0110886	0.328043	1.22093	1.22093	0.870971	0.968371	-1.03266	0.28695	0.803625	-1.24436	0.888468	1.02813	1.02813	0.0162883	1.78752	1.78752
cg12351042	OR2B2	0.0297632	0.285555	0.733606	-1.36313	0.54283	0.841946	-1.18773	0.036514	0.507235	-1.97147	0.740014	0.911185	-1.09747	0.00461096	0.348903	-2.86613
cg20862251	OR2B3	5.38E-06	0.231254	1.13242	1.13242	0.00065756	1.67683	1.67683	7.16E-05	0.48846	-2.04725	0.201922	0.875079	-1.14275	0.684218	0.960314	-1.04133
cg17335499	OR2B3	0.0021237	0.699004	0.922057	-1.08453	0.115182	0.699269	-1.43007	0.00233026	0.411551	-2.42983	0.0284677	0.582753	-1.71599	0.634339	0.904773	-1.10525
cg16908601	OR2B3	0.00706275	0.0561397	0.28151	-3.55227	0.400052	0.603625	-1.65666	0.0117678	0.158225	-6.32012	0.0237349	0.205588	-4.86409	0.0163351	0.179002	-5.58652
cg08340838	OR2B3	0.0192083	0.0803879	1.97664	1.97664	0.987873	1.00535	1.00535	0.00413571	0.25901	-3.86085	0.0712206	0.492646	-2.02985	0.00554125	0.277898	-3.59844
cg27458549	OR2B3;OR2B3	0.000236809	0.137831	1.47938	1.47938	0.0175918	0.492655	-2.02982	0.000109551	0.188358	-5.30903	0.0113018	0.459544	-2.17607	0.00373022	0.382925	-2.61148
cg01273991	OR2C1	4.90E-05	0.0948515	0.690014	-1.44925	8.45E-06	0.140818	-7.10137	0.00454694	0.465804	-2.14683	0.519716	0.876418	-1.14101	3.59E-06	0.111135	-8.99804
cg01231464	OR2C1	0.000285183	0.0597351	0.659599	-1.51607	0.0254734	1.68209	1.68209	0.0475416	0.641531	-1.55877	0.974126	0.993668	-1.00637	0.000103799	0.260676	-3.83617
cg04278794	OR2C1	0.0015753	0.356445	0.799954	-1.25007	0.00672353	0.437341	-2.28655	0.00768056	0.446561	-2.23934	0.171169	0.709724	-1.409	0.000183742	0.225907	-4.42661
cg24264578	OR2C1;OR2C1	0.0143039	0.0138399	0.216006	-4.6295	0.999201	0.999496	-1.0005	0.326955	0.600592	-1.66502	0.789218	1.14452	1.14452	0.000954053	0.083728	-11.9434
cg13397379	OR2C3	9.02E-05	5.54E-06	0.0893126	-11.1966	0.210545	0.732996	-1.36426	0.000126036	0.207674	-4.81523	0.000461003	0.273127	-3.66129	0.000371216	0.26156	-3.82321
cg22699727	OR2C3	0.000165921	1.66E-05	0.0649786	-15.3897	0.0121084	0.380737	-2.62649	0.000974128	0.219852	-4.54851	0.0794526	0.548253	-1.82397	0.00176991	0.252951	-3.95333
cg20320823	OR2C3	0.024704	0.00242342	0.104901	-9.5328	0.862938	1.09665	1.09665	0.0798454	0.35421	-2.82319	0.0299813	0.255815	-3.90908	0.0273859	0.2482	-4.02901
cg05349159	OR2C3;LOC148824	8.47E-05	3.00E-05	0.105111	-9.51376	0.551663	0.846939	-1.18072	0.000692591	0.239731	-4.17133	0.00169313	0.290169	-3.44627	0.00032981	0.201999	-4.95053
cg00243661	OR2D2	0.0406057	0.156507	0.439012	-2.27784	0.375886	0.610424	-1.63821	0.0514869	0.299959	-3.33379	0.0376319	0.269855	-3.7057	0.976805	1.01592	1.01592
cg16833110	OR2D3	5.44E-05	0.138035	1.29749	1.29749	1.38E-06	0.134126	-7.4557	8.73E-05	0.317491	-3.14969	0.278274	0.832058	-1.20184	0.0624169	0.710338	-1.40778
cg19530845	OR2D3	0.00035473	0.128858	0.715914	-1.39682	0.465781	0.859723	-1.16317	0.00266427	0.42913	-2.33029	0.0598246	0.648926	-1.54101	6.74E-06	0.13061	-7.65638
cg01921583	OR2D3	0.000364848	0.000122323	0.327462	-3.05379	0.218435	0.806109	-1.24053	0.123454	0.75743	-1.32025	0.0432646	0.679022	-1.47271	0.000374719	0.387862	-2.57824
cg13050390	OR2F1	0.0017119	0.000905104	0.197576	-5.06134	0.333068	1.38564	1.38564	0.0396913	0.459809	-2.17482	0.00241286	0.251479	-3.97647	0.000485889	0.167575	-5.96747
cg21275920	OR2F1	0.00404874	0.00116955	0.0980658	-10.1972	0.452859	0.688891	-1.45161	0.535034	0.736274	-1.35819	0.00940612	0.201012	-4.97483	0.0139537	0.227685	-4.39203
cg23034536	OR2F2	0.0273743	0.152207	0.640027	-1.56243	0.496477	1.22249	1.22249	0.0772477	0.564658	-1.77098	0.514804	0.82516	-1.21189	0.413178	0.783951	-1.27559
cg01019985	OR2G2	7.50E-07	1.19E-06	0.142307	-7.02707	0.304696	1.17944	1.17944	1.63E-07	0.0803865	-12.4399	0.333285	1.16761	1.16761	3.36E-06	0.182329	-5.48458
cg02788731	OR2G2	0.0139384	0.00927106	0.0765539	-13.0627	0.0103551	0.0809852	-12.3479	0.0418106	0.161051	-6.20922	0.525834	1.64924	1.64924	0.0042371	0.0508117	-19.6805
cg23924801	OR2G3	0.000428068	9.85E-05	0.0921895	-10.8472	0.131769	0.570787	-1.75197	0.0290049	0.411827	-2.4282	0.071674	2.00009	2.00009	0.028936	0.411616	-2.42945
cg03618016	OR2G3	0.0251176	0.0184182	0.0819046	-12.2093	0.0137154	0.0694752	-14.3936	0.0458397	0.134932	-7.41113	0.29866	0.389595	-2.56677	0.0303067	0.107716	-9.28364
cg07395806	OR2G6	3.70E-05	0.00157278	0.340041	-2.94083	0.0007308	0.295289	-3.38652	0.0026447	0.372213	-2.68663	0.678492	0.905712	-1.1041	7.42E-06	0.0958782	-10.4299
cg25819275	OR2G6	0.00521331	0.00434802	0.144579	-6.91665	0.0293629	0.271872	-3.6782	0.0720068	0.360867	-2.7711	0.0400835	0.29998	-3.33356	0.00566732	0.158489	-6.30957
cg05943574	OR2G6	0.0142173	0.00849576	0.0592655	-16.8732	0.0110089	0.0683513	-14.6303	0.0324956	0.121785	-8.21121	0.0344993	0.125664	-7.95772	0.0116538	0.0705077	-14.1829
cg16343924	OR2H1	3.43E-05	0.000583607	0.468815	-2.13304	0.000444177	0.453898	-2.20314	8.35E-05	0.364662	-2.74227	0.000254387	0.423713	-2.36009	9.46E-05	0.37118	-2.69411
cg01311802	OR2H1	6.74E-05	0.607376	1.11414	1.11414	0.0132843	1.89617	1.89617	0.000369954	0.304666	-3.28228	0.546451	0.880487	-1.13573	4.80E-05	0.202724	-4.93281
cg01976913	OR2H1	7.23E-05	0.0129462	1.61875	1.61875	0.00189695	1.98816	1.98816	9.04E-05	0.335199	-2.9833	0.800098	0.961156	-1.04041	0.016762	0.63392	-1.57749
cg20408707	OR2H1	0.000121421	0.195376	0.818683	-1.22147	0.650824	1.06883	1.06883	0.782665	0.96041	-1.04122	0.0297368	0.688166	-1.45314	0.000163674	0.390956	-2.55783
cg23270757	OR2H1	0.000223592	0.0611262	1.47737	1.47737	0.0530033	0.665881	-1.50177	0.111195	1.37836	1.37836	7.19E-05	0.262519	-3.80925	0.00200741	0.446529	-2.2395
cg21468949	OR2H1	0.000662922	0.0385603	0.566932	-1.76388	0.247735	0.751126	-1.33133	0.00513287	0.416674	-2.39996	0.00495102	0.414253	-2.41398	0.0367297	0.562885	-1.77656
cg15094605	OR2H1	0.000789059	0.00937113	0.432768	-2.3107	0.000298788	0.224039	-4.46351	0.0103554	0.44001	-2.27268	0.00464425	0.383984	-2.60428	0.0037002	0.368937	-2.71049
cg25758242	OR2H1	0.000870706	0.00340349	0.244777	-4.08536	0.00304491	0.238074	-4.20037	0.00338658	0.244474	-4.09042	0.0633065	0.477902	-2.09248	7.15E-05	0.0774067	-12.9188
cg12646029	OR2H1	0.00185818	0.846354	0.946436	-1.0566	0.392803	0.78003	-1.282	0.0109031	0.403772	-2.47665	0.00135845	0.267199	-3.74253	0.0749805	0.569653	-1.75545
cg15209921	OR2H1	0.0020617	0.713451	0.88861	-1.12535	0.443951	1.2839	1.2839	0.0476041	0.484126	-2.06558	0.980985	1.00766	1.00766	0.071485	1.90498	1.90498
cg13497069	OR2H1	0.00455754	0.25692	0.732168	-1.36581	0.365892	0.782895	-1.27731	0.551769	0.853317	-1.1719	0.859756	0.954474	-1.0477	0.246805	1.37585	1.37585
cg02342892	OR2H1	0.00467139	0.676862	0.881575	-1.13433	0.0169505	0.416509	-2.40091	0.0456539	0.501993	-1.99206	0.00416382	0.315064	-3.17396	0.000218606	0.156691	-6.38198
cg04852097	OR2H1	0.004987	0.339854	1.20239	1.20239	0.0345296	0.630095	-1.58706	0.0421194	1.55074	1.55074	0.0599195	0.671853	-1.48842	0.0158399	0.574791	-1.73976
cg09595044	OR2H1	0.0152974	0.0378677	0.534125	-1.87222	0.476575	1.20747	1.20747	0.769729	0.926394	-1.07945	0.509919	0.840208	-1.19018	0.606467	1.14493	1.14493
cg13615337	OR2H1	0.0181818	0.374803	0.744831	-1.34259	0.475664	1.26437	1.26437	0.0435543	0.472112	-2.11814	0.374816	1.34258	1.34258	0.545542	0.820502	-1.21877
cg22965752	OR2H1	0.0339837	0.0941534	1.55375	1.55375	0.0410172	0.568564	-1.75882	0.0114427	0.468721	-2.13347	0.127449	1.4839	1.4839	0.217208	1.36463	1.36463
cg12546695	OR2H1	0.0367151	0.154951	0.67373	-1.48427	0.00636264	0.397945	-2.51291	0.0146459	0.458503	-2.18101	0.388639	0.795142	-1.25764	0.00914209	0.423575	-2.36086
cg02117021	OR2H1	0.0462751	0.0253611	0.514756	-1.94267	0.00749729	2.36301	2.36301	0.772512	1.07511	1.07511	0.130338	0.664837	-1.50413	0.576874	0.868635	-1.15123
cg02274336	OR2H1	0.0488268	0.37258	1.53014	1.53014	0.421605	0.682859	-1.46443	0.0210181	0.275295	-3.63247	0.225623	0.553611	-1.80632	0.0249645	0.289495	-3.4543
cg05009707	OR2H2	0.000151223	0.132975	1.48712	1.48712	0.00166951	3.00604	3.00604	0.957766	1.01305	1.01305	0.877531	1.03847	1.03847	0.00398161	0.387609	-2.57992
cg21864713	OR2H2	0.00303022	0.0779661	0.669719	-1.49316	0.40586	1.19013	1.19013	0.032536	1.66889	1.66889	0.293685	0.800155	-1.24976	0.000163998	0.268331	-3.72673
cg07976328	OR2H2	0.0245616	0.0109015	0.496561	-2.01385	0.205969	1.33941	1.33941	0.655721	0.906385	-1.10328	0.854658	0.96063	-1.04098	0.0112394	0.498949	-2.00513
cg27475805	OR2J2	6.91E-05	0.583627	1.058	1.058	0.00018258	1.90513	1.90513	6.25E-06	0.357562	-2.79672	0.0163967	0.7417	-1.34825	0.501696	1.07193	1.07193
cg13299436	OR2J2	0.000243501	0.250391	0.738937	-1.3533	0.0193861	0.490605	-2.0383	8.46E-05	0.168623	-5.93039	0.000382579	0.239704	-4.17181	0.67279	0.898527	-1.11293
cg27191906	OR2J2	0.000688438	0.68639	1.12147	1.12147	0.762214	1.08949	1.08949	0.000868346	0.24382	-4.10138	0.116976	0.618178	-1.61766	0.932246	0.97627	-1.02431
cg13169479	OR2J2	0.00083881	0.0769735	1.46743	1.46743	0.000121229	0.270027	-3.70333	0.00522776	0.487494	-2.05131	0.173048	0.753713	-1.32676	0.000258357	0.30956	-3.23039
cg00609291	OR2J2	0.00381891	0.926353	0.971558	-1.02928	0.0404938	2.09267	2.09267	0.0522144	0.501992	-1.99206	0.162699	0.628053	-1.59222	0.615525	0.853819	-1.17121
cg10767797	OR2J2;OR2J2	0.000236774	0.823448	1.06137	1.06137	0.058886	0.566276	-1.76592	0.0023398	0.322287	-3.10282	0.111793	0.63027	-1.58662	0.0206388	0.475682	-2.10225
cg10060918	OR2J3	2.46E-07	0.120837	0.883545	-1.1318	0.000127492	1.63321	1.63321	5.97E-07	0.363805	-2.74872	0.00199579	0.725296	-1.37875	4.20E-07	0.347038	-2.88153
cg06404832	OR2J3	0.00159999	0.00744214	2.26965	2.26965	0.558225	1.15119	1.15119	0.0239246	0.526905	-1.89787	0.508766	0.852658	-1.1728	0.132468	0.679737	-1.47116
cg07661389	OR2J3	0.00765269	0.235082	0.782451	-1.27804	0.518422	1.13776	1.13776	0.0615443	0.660238	-1.5146	0.803978	1.05024	1.05024	0.364244	1.20177	1.20177
cg09931793	OR2K2	0.0208047	0.588624	1.20335	1.20335	0.00919748	3.06807	3.06807	0.167017	1.64774	1.64774	0.00178296	0.221458	-4.51553	0.728197	1.12555	1.12555
cg09121480	OR2L13	0.00011395	0.300195	0.865308	-1.15566	0.0394078	1.37865	1.37865	0.00320673	0.581532	-1.7196	0.986401	0.997706	-1.0023	0.00214706	0.559423	-1.78756
cg19302605	OR2L13	0.0019523	0.00415196	0.230391	-4.34044	0.11732	0.522092	-1.91537	0.0119213	0.301531	-3.31634	0.0369229	0.396186	-2.52407	0.000322197	0.108281	-9.23526

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14314889	0.314307	0.782506	-1.27795	0.000731545	0.298229	-3.35313	0.956155	0.987125	-1.01304	0.0413914	0.5744	-1.74095	4.83355	4.25237	0.78201	1
cg10231746	0.0454298	0.284934	-3.50959	0.362306	1.66917	1.66917	0.0201237	0.215685	-4.63639	0.197927	0.474933	-2.10556	3.56695	16.9129	4.21472	1
cg16807989	0.00962876	0.403774	-2.47663	1.90E-05	0.0902367	-11.082	0.131431	0.637184	-1.56941	0.00209827	0.301922	-3.31211	24.8578	30.1543	1.07829	1
cg07879977	0.296638	0.707358	-1.41371	0.000687631	0.190444	-5.25089	0.299135	1.41101	1.41101	0.0165682	0.392031	-2.55082	9.58765	15.5442	1.44113	1
cg08761659	0.0385065	0.363351	-2.75216	0.00228397	0.165077	-6.05778	0.0544883	0.397989	-2.51263	0.119679	0.49016	-2.04015	6.7577	19.0871	2.51067	1
cg27203983	0.535825	0.837406	-1.19416	0.0259001	0.473077	-2.11382	0.00149623	0.273736	-3.65315	0.00177103	0.28366	-3.52535	34.8128	44.1631	1.12763	1
cg00005166	0.00268145	0.283277	-3.53011	0.128594	0.607005	-1.64743	0.000679715	0.206335	-4.84649	0.00172098	0.256769	-3.89455	12.6141	18.4553	1.30051	1
cg03208902	0.40675	0.624373	-1.60161	0.00160478	0.0811528	-12.3224	0.489464	0.677291	-1.47647	0.0274343	0.2351	-4.25352	7.05401	34.4094	4.336	1
cg07938480	0.0687589	0.260632	-3.83683	0.0060396	0.0937166	-10.6705	0.208125	0.416427	-2.40138	0.0378582	0.204039	-4.90101	6.02962	41.6114	6.13436	1
cg02499925	0.00277785	0.159559	-6.26726	0.0011506	0.119333	-8.37988	0.0122712	0.249586	-4.00664	0.0055682	0.19784	-5.05458	12.4613	39.0754	2.78733	1
cg27622610	0.00222584	0.276532	-3.61622	0.00156734	0.255879	-3.90809	0.00155602	0.255463	-3.91446	0.0194198	0.428316	-2.33473	11.8778	16.9348	1.26733	1
cg00085430	0.0864129	0.466841	-2.14206	0.00051099	0.11278	-8.86678	0.00377741	0.207707	-4.81446	0.0172407	0.31135	-3.21182	6.54338	16.7605	2.27684	1
cg09554952	0.233871	0.506849	-1.97297	0.00210547	0.094913	-10.536	0.0161808	0.201531	-4.96203	0.0567395	0.309059	-3.23562	4.53031	21.2721	4.17378	1
cg06882926	0.0679538	0.177372	-5.63788	0.0170148	0.0852898	-11.7247	0.0379878	0.13065	-7.65403	0.0868622	0.201951	-4.9517	3.65945	41.4805	10.0757	1
cg08703606	0.0359449	0.494222	-2.02338	6.18E-06	0.0539117	-18.5489	0.0499988	0.524374	-1.90704	0.0596155	0.541188	-1.84779	18.1712	24.0077	1.1744	1
cg19334900	0.287803	0.796492	-1.2555	9.28E-06	0.138803	-7.20445	0.32259	1.2345	1.2345	0.77639	1.06047	1.06047	18.0032	12.1206	0.598441	1
cg19521646	0.0248085	0.286267	-3.49324	0.000867916	0.0963607	-10.3777	0.0163184	0.252897	-3.95417	0.0635658	0.376599	-2.65534	5.31631	18.4554	3.08575	1
cg00364445	0.485726	0.756785	-1.32138	0.173318	0.565532	-1.76825	0.0123944	0.293873	-3.40283	0.0728665	0.455141	-2.19712	4.45484	10.9198	2.17887	1
cg05308135	0.27662	1.21085	1.21085	0.0917119	1.3688	1.3688	0.28512	0.828856	-1.20648	0.926037	1.01582	1.01582	18.7772	8.50085	0.40242	1
cg02608453	0.107027	0.560651	-1.78364	4.23E-05	0.0772133	-12.9511	0.0536733	0.486452	-2.0557	0.40674	0.756437	-1.32199	10.7817	18.4708	1.52282	1
cg13826264	0.998946	0.99977	-1.00023	0.151102	0.764672	-1.30775	0.526204	0.894042	-1.11852	0.157811	0.76845	-1.30132	4.92919	2.37436	0.428173	1
cg02644195	0.061972	0.350629	-2.85202	0.00227103	0.118946	-8.40718	0.0755626	0.372908	-2.68163	0.0780332	0.376664	-2.65488	4.5304	17.8416	3.50061	1
cg13555817	0.634735	0.949123	-1.0536	0.0242693	0.74602	-1.34045	0.00217892	0.625549	-1.5986	0.00740202	0.68629	-1.45711	25.9844	4.89894	0.167586	1
cg14108527	0.503381	0.796719	-1.25515	0.309659	0.703412	-1.42164	0.0275729	0.418156	-2.39145	0.0115804	0.34772	-2.87588	9.68343	17.1739	1.57648	1
cg01687369	0.100056	0.576604	-1.73429	0.0595464	0.522169	-1.91509	0.059021	0.521291	-1.91832	0.166899	0.637456	-1.56874	4.69665	6.94468	1.31435	1
cg01693284	0.101867	0.670272	-1.49193	6.14E-05	0.191678	-5.21707	0.000577604	0.304287	-3.28637	0.0149233	0.512318	-1.95191	20.8202	16.4599	0.702733	1
cg13652536	0.127247	0.461112	-2.16867	0.000147805	0.046771	-21.3808	0.000872407	0.0959685	-10.4201	0.00557188	0.181049	-5.52335	10.4523	36.4711	3.10158	1
cg08970655	0.00791947	0.216246	-4.62436	0.00034624	0.0751425	-13.3081	0.00749623	0.212733	-4.70074	0.0140945	0.256015	-3.90602	10.0095	32.0537	2.84652	1
cg14400179	0.296659	0.863525	-1.15804	0.00993738	0.643028	-1.55514	0.0326328	0.712442	-1.40362	0.0768914	0.765847	-1.30574	4.21317	1.22704	0.258878	1
cg25284223	0.230021	1.35776	1.35776	0.0976368	0.643158	-1.55483	0.196011	0.717448	-1.39383	0.00074198	0.288253	-3.46918	9.19827	8.59178	0.83028	1
cg22148214	0.017605	0.494724	-2.02133	0.980065	1.00611	1.00611	0.536908	1.16458	1.16458	0.0926362	0.637044	-1.56975	17.2236	16.1964	0.835878	1
cg14758105	0.0149717	0.384881	-2.59821	0.00176575	0.241302	-4.14418	0.0130664	0.374299	-2.67166	0.0220366	0.416219	-2.40258	11.9077	19.2136	1.43427	1
cg03221198	0.00790439	0.267325	-3.74077	0.000821507	0.141975	-7.04348	0.11186	0.511457	-1.9552	0.160856	0.559891	-1.78606	8.14152	19.337	2.11121	1
cg17116170	0.0832519	0.440801	-2.2686	0.00170482	0.147504	-6.7795	0.183322	0.547108	-1.82779	0.685698	0.84046	-1.18982	7.1893	20.7789	2.56911	1
cg00708736	0.0827605	0.441114	-2.26699	0.00672985	0.223825	-4.46778	0.0109906	0.256865	-3.89309	0.114931	0.481793	-2.07558	4.45623	12.8078	2.55478	1
cg22354397	0.107331	0.711206	-1.40606	0.00129227	0.402882	-2.48212	0.0133236	0.551823	-1.81218	0.0909633	0.696957	-1.43481	3.97813	2.3687	0.529271	1
cg16473288	0.576022	1.13465	1.13465	0.000557609	0.302026	-3.31097	0.473669	1.17698	1.17698	0.000204941	0.248785	-4.01954	38.0128	30.1013	0.703888	1
cg14598387	0.00360892	0.463551	-2.15726	5.28E-06	0.133293	-7.50225	0.000132061	0.274144	-3.64771	0.00140901	0.405691	-2.46493	35.3258	21.3059	0.536112	1
cg14008631	0.000241924	0.440474	-2.27028	0.404861	1.12197	1.12197	3.73E-06	0.232243	-4.30584	7.26E-07	0.163863	-6.10267	59.5563	17.2003	0.256718	1
cg05116777	0.0441562	0.497857	-2.00861	0.024082	0.444193	-2.25127	0.46815	1.24939	1.24939	0.0225727	0.438775	-2.27907	7.95888	11.4683	1.28084	1
cg22982884	0.175593	0.651676	-1.5345	0.806447	0.929616	-1.07571	0.116636	0.60238	-1.66008	0.000450051	0.193023	-5.18073	4.70694	6.58963	1.24443	1
cg18431655	0.0327057	0.447908	-2.2326	6.09E-05	0.0926436	-10.7941	0.000440744	0.167982	-5.95301	0.000292544	0.149977	-6.6677	14.061	23.0047	1.45428	1
cg11527344	0.912264	0.96601	-1.03519	0.766378	0.910751	-1.09799	0.132748	0.601133	-1.66353	0.000216663	0.144255	-6.93216	7.48036	11.6625	1.38586	1
cg21228157	0.00178917	1.58453	1.58453	0.159056	1.16868	1.16868	0.895498	0.986482	-1.0137	8.20E-08	0.159417	-6.27285	94.9821	16.1351	0.151	1
cg09371084	0.755088	0.866482	-1.15409	0.0806359	0.41173	-2.42878	0.726872	0.851628	-1.17422	0.000633258	0.0903084	-11.0732	11.5902	38.5042	2.95301	1
cg03412967	0.101792	0.661894	-1.51081	0.0043124	0.415122	-2.40893	0.180914	0.720886	-1.38718	0.00114764	0.332493	-3.00758	18.6415	15.6705	0.747222	1
cg03426413	0.325945	0.834473	-1.19836	0.0100401	1.78562	1.78562	0.892205	0.9761	-1.02449	0.00153584	0.44342	-2.2552	7.59195	3.82741	0.448125	1
cg24881689	0.460079	0.719912	-1.38906	0.582689	0.784691	-1.27439	0.007736	4.45839	4.45839	0.43495	1.41632	1.41632	4.46456	13.4992	2.68768	1
cg05353481	0.916805	1.05816	1.05816	0.0013391	0.0802872	-12.4553	0.785232	0.862613	-1.15927	0.0277853	0.24485	-4.08414	6.84048	31.7141	4.1211	1
cg02449336	0.0302909	0.203045	-4.92501	0.00568848	0.103256	-9.68468	0.185687	0.415405	-2.40729	0.0733361	0.286488	-3.49054	4.65996	28.9237	5.51719	1
cg25206451	0.116907	0.373404	-2.67806	0.0859634	0.33375	-2.99625	0.450094	0.640775	-1.56061	0.0188357	0.192912	-5.18371	4.5214	23.9506	4.70859	1
cg14358164	0.731423	0.933691	-1.07102	0.00210587	0.422665	-2.36594	0.661164	0.915917	-1.0918	0.0018332	0.414181	-2.4144	6.69363	4.20386	0.558257	1
cg17026542	0.0560494	0.431469	-2.31767	0.0714135	0.457483	-2.18587	0.797471	1.10504	1.10504	0.00758398	0.263455	-3.79571	5.05323	12.0734	2.12378	1
cg08425482	0.336157	0.845999	-1.18204	0.0255713	0.639328	-1.56414	0.707664	0.93845	-1.06559	0.00107384	0.442795	-2.25838	11.7417	5.28828	0.400343	1
cg16347377	0.085911	0.567111	-1.76332	0.0244536	0.4488	-2.22816	0.67505	1.13429	1.13429	0.00705022	0.353143	-2.83171	6.8367	9.67135	1.25744	1
cg00866206	0.553157	1.12334	1.12334	0.967198	0.992059	-1.008	0.0329794	0.616633	-1.62171	0.0316284	0.613524	-1.62993	23.4682	13.9712	0.529177	1
cg11138231	0.672812	1.05925	1.05925	0.0414474	0.727103	-1.37532	0.0448119	0.731896	-1.36631	0.00117108	0.524335	-1.90718	4.72397	1.3741	0.258558	1
cg05813532	0.0728761	0.559414	-1.78759	0.606423	1.16285	1.16285	0.0236575	0.456431	-2.19091	0.100944	0.593606	-1.68462	5.14115	6.86306	1.1866	1
cg04895001	0.0221187	0.231141	-4.32637	0.117409	0.403398	-2.47894	0.017134	0.212042	-4.71605	0.428456	0.649511	-1.53962	3.55518	16.0455	4.0118	1
cg01145442	0.815677	1.0309	1.0309	0.282696	1.15661	1.15661	0.000213028	0.446511	-2.23959	4.90E-07	0.159259	-6.27909	68.576	18.4494	0.239143	1
cg23951114	0.889869	0.969452	-1.03151	0.666902	0.90759	-1.10182	0.10996	0.67696	-1.47719	0.000166253	0.237795	-4.2053	20.6753	16.4195	0.705919	1
cg10292915	0.219118	0.776571	-1.28771	0.286281	1.24193	1.24193	0.858514	0.965689	-1.03553	0.100684	0.703418	-1.42163	19.4512	11.7936	0.538948	1
cg21992507	0.187271	0.827466	-1.20851	0.00173782	1.83153	1.83153	0.092268	0.777953	-1.28543	0.655859	0.941033	-1.06266	5.28715	1.53747	0.258483	1
cg11977100	3.94E-05	0.171557	-5.82896	0.000298951	3.73955	3.73955	1.16E-05	0.124624	-8.02416	8.17E-06	0.112612	-8.88002	52.0614	41.4309	0.707385	1
cg08141722	0.0859407	0.392273	-2.54925	0.611516	1.28736	1.28736	0.0169012	0.237628	-4.20827	0.00274254	0.130217	-7.6795	9.52993	36.7046	3.42356	1
cg04495219	0.674549	0.9178	-1.08956	0.000499295	0.330863	-3.0224	0.00785388	0.500179	-1.99929	0.0105418	0.520204	-1.92232	8.78049	5.73644	0.580726	1
cg15412313	?	?	?	0.060773	1.47433	1.47433	0.555652	0.896312	-1.11568	0.796314	0.953607	-1.04865	3.87134	1.83814	0.474808	1
cg05777962	0.00553513	0.744849	-1.34255	0.0153164	1.27195	1.27195	0.0605887	0.842852	-1.18645	0.000336193	0.626756	-1.59552	61.8744	6.39869	0.0919237	1
cg24582475	0.722615	1.0344	1.0344	0.0135605	1.33624	1.33624	1.19E-06	0.303624	-3.29354	0.000672394	0.610465	-1.63809	55.2812	7.8824	0.126744	1
cg02650767	0.0287494	1.82258	1.82258	8.16E-06	0.103589	-9.65354	8.70E-06	0.105592	-9.47041	0.00115571	0.329231	-3.03738	51.0353	43.7722	0.762385	1
cg07318145	0.000514025	0.225835	-4.42801	0.0040954	0.347451	-2.8781	0.000643704	0.237585	-4.20903	0.00168865	0.291844	-3.42648	28.926	34.5068	1.06039	1
cg00112952	0.319179	0.699131	-1.43035	0.356644	0.719199	-1.39044	0.0138571	0.347403	-2.8785	0.00966517	0.320323	-3.12185	12.1649	23.2884	1.70169	1
cg06761920	0.113416	0.680388	-1.46975	0.0745471	1.55909	1.55909	0.218478	0.748748	-1.33556	0.0292028	0.563023	-1.77613	7.34441	5.81295	0.703537	1
cg14422922	0.16975	0.502541	-1.98989	0.0861193	0.409762	-2.44044	0.47642	0.711308	-1.40586	0.0746835	0.392935	-2.54495	5.29441	18.5602	3.11611	1
cg21302594	0.0198823	0.333986	-2.99414	0.669789	0.845905	-1.18217	0.415391	0.722659	-1.3837	0.128712	0.527009	-1.8975	5.08269	12.2512	2.14257	1
cg14830002	0.152992	0.453977	-2.20275	0.0412532	0.29673	-3.37007	0.00804672	0.173454	-5.76523	0.123866	0.423199	-2.36296	4.58551	19.3374	3.7485	1
cg06852298	0.913173	1.03153	1.03153	0.880803	1.04364	1.04364	0.657263	0.88064	-1.13554	0.145803	0.641142	-1.55972	3.84446	4.93319	1.14062	1
cg03056265	0.156867	1.31317	1.31317	2.06E-05	0.212809	-4.69904	0.0689811	0.693391	-1.44219	0.130959	0.745698	-1.34102	12.3507	6.3329	0.455782	1
cg07872007	0.0929452	0.535828	-1.86627	0.0921487	0.53485	-1.86968	0.1826	1.61194	1.61194	0.599498	0.836221	-1.19586	10.1191	18.2606	1.60407	1
cg22242770	0.614936	1.10549	1.10549	0.0260259	0.593147	-1.68592	0.000741821	2.75326	2.75326	0.180787	1.32441	1.32441	5.71772	3.54017	0.550362	1
cg12351042	0.412147	0.791205	-1.2639	0.00660894	0.373517	-2.67725	0.160355	1.52027	1.52027	0.100503	0.605016	-1.65285	4.09834	5.06323	1.09816	1
cg20862251	4.27E-07	0.241483	-4.14107	0.00381725	1.47152	1.47152	1.11E-05	0.396325	-2.52318	0.13229	0.85141	-1.17452	47.6248	7.39752	0.13807	1
cg17335499	0.221272	0.764503	-1.30804	0.00069265	0.339149	-2.94855	0.000118784	0.245064	-4.08057	0.0852379	0.672066	-1.48795	9.47455	6.54522	0.614063	1
cg16908601	0.0144373	0.170914	-5.8509	0.00107768	0.0590575	-16.9326	0.00162008	0.0708182	-14.1207	0.0565619	0.282279	-3.54259	6.59673	35.8766	4.83425	1
cg08340838	0.0320325	0.413745	-2.41695	0.307274	0.689825	-1.44964	0.171939	0.599973	-1.66674	0.743105	0.89088	-1.12249	4.76944	9.32384	1.7377	1
cg27458549	0.219834	0.728918	-1.3719	5.20E-05	0.156538	-6.38823	0.000100873	0.184668	-5.41512	0.0242629	0.517782	-1.93132	17.5471	16.6923	0.845585	1
cg01273991	0.0121129	1.88174	1.88174	0.159878	0.738194	-1.35466	0.513093	0.874528	-1.14347	0.32247	0.813358	-1.22947	26.7583	17.3148	0.575185	1
cg01231464	0.00141533	0.404614	-2.47149	3.72E-05	0.211668	-4.72439	0.358158	1.20331	1.20331	0.0243791	0.591299	-1.69119	16.6796	10.1341	0.540065	1
cg04278794	0.0257481	0.53621	-1.86494	0.00106558	0.320387	-3.12123	0.0374014	1.76544	1.76544	0.0707135	0.621732	-1.60841	10.3327	9.06233	0.779602	1
cg24264578	0.217131	0.519855	-1.92361	0.0107211	0.198777	-5.03077	0.204896	1.96187	1.96187	0.496551	0.706244	-1.41594	5.26257	21.1546	3.57318	1
cg13397379	0.268753	0.762478	-1.31151	0.00279144	0.378982	-2.63865	0.00087355	0.308714	-3.23924	0.000584001	0.286042	-3.49599	22.76	19.98	0.780318	1
cg22699727	0.0094898	0.362551	-2.75823	0.000391872	0.174772	-5.72175	4.34E-05	0.0910716	-10.9804	0.00384452	0.300383	-3.32908	19.3238	29.169	1.34177	1
cg20320823	0.158363	0.447003	-2.23712	0.123484	0.410293	-2.43728	0.0585424	0.319458	-3.1303	0.0110139	0.182146	-5.49011	4.37531	19.7571	4.01386	1
cg05349159	0.000339744	0.203437	-4.91552	0.207761	1.44256	1.44256	7.58E-05	0.138083	-7.24202	0.000166066	0.170383	-5.86913	23.1439	27.8924	1.07127	1
cg00243661	0.909702	0.940237	-1.06356	0.00317475	0.112043	-8.92515	0.138736	0.420783	-2.37652	0.0146401	0.195421	-5.11716	3.66278	17.1142	4.15331	1
cg16833110	0.537995	0.903311	-1.10704	0.0781907	1.3759	1.3759	0.00320783	0.518927	-1.92705	0.0325013	0.664876	-1.50404	26.0314	10.9642	0.374393	1
cg19530845	0.661007	1.09402	1.09402	0.0115932	0.52589	-1.90154	0.543092	0.882189	-1.13354	0.000940651	0.366145	-2.73115	15.7112	10.3179	0.583752	1
cg01921583	0.397443	1.15519	1.15519	0.00285217	1.98107	1.98107	0.121024	1.32305	1.32305	0.000827677	0.432431	-2.31251	15.5902	6.84518	0.390285	1
cg13050390	0.0100103	0.34572	-2.89252	0.0158591	0.380923	-2.6252	0.812538	1.0807	1.0807	0.00339125	0.272199	-3.67379	10.0874	17.0475	1.5022	1
cg21275920	0.00382599	0.149548	-6.6868	0.000964617	0.0911817	-10.9671	0.0678117	0.36902	-2.70988	0.00676805	0.180765	-5.53205	7.82387	29.4279	3.34337	1
cg23034536	0.0349288	2.04448	2.04448	0.117643	1.63955	1.63955	0.725035	1.10821	1.10821	0.0032863	0.311795	-3.20723	4.22121	5.65931	1.19172	1
cg01019985	0.00265505	0.52442	-1.90687	2.95E-06	0.176925	-5.65211	0.0200487	0.646838	-1.54598	8.77E-07	0.131395	-7.61066	78.9034	30.1275	0.339403	1
cg02788731	0.123279	0.272697	-3.66708	0.0866295	0.229222	-4.36258	0.00878283	0.0744655	-13.429	0.0271042	0.130516	-7.66189	5.30757	50.9213	8.52809	1
cg23924801	0.0313559	0.418792	-2.38782	0.000248074	0.124305	-8.0447	0.000521618	0.154972	-6.45276	0.000752194	0.171752	-5.82236	14.9184	28.0699	1.67251	1
cg03618016	0.043318	0.130847	-7.64253	0.923027	1.08825	1.08825	0.00586054	0.0425904	-23.4795	0.0230265	0.0926585	-10.7923	4.35012	52.7542	10.7796	1
cg07395806	0.846069	1.04726	1.04726	0.158061	1.43126	1.43126	9.93E-05	0.193766	-5.16087	9.38E-06	0.103092	-9.70012	28.8241	25.7671	0.794616	1
cg25819275	0.00705028	0.170739	-5.8569	0.00234975	0.115967	-8.62313	0.00285707	0.124526	-8.03046	0.00469715	0.148529	-6.73271	7.24548	29.5587	3.62632	1
cg05943574	0.048601	0.150321	-6.65242	0.00403148	0.0387985	-25.7742	0.0460238	0.146104	-6.84445	0.0153516	0.0818441	-12.2184	5.27311	59.0975	9.96208	1
cg16343924	0.112248	0.781625	-1.27939	0.00129376	0.512773	-1.95018	2.42E-06	0.195782	-5.10773	0.000120073	0.383708	-2.60615	29.4135	9.45706	0.285797	1
cg01311802	0.397473	1.19803	1.19803	0.000523911	0.323893	-3.08744	9.58E-06	0.136879	-7.30572	0.392306	0.832965	-1.20053	24.593	16.9395	0.61226	1
cg01976913	0.140825	0.780875	-1.28062	0.0805028	1.3535	1.3535	6.97E-06	0.211449	-4.72926	0.126149	0.772301	-1.29483	24.143	9.3223	0.343225	1
cg20408707	0.000308685	0.425085	-2.35247	0.754507	0.95521	-1.04689	3.46E-06	0.202868	-4.92932	0.12438	0.784227	-1.27514	21.0185	7.10396	0.300431	1
cg23270757	0.00683246	1.91165	1.91165	0.000439367	2.7925	2.7925	0.0139291	0.570196	-1.75378	0.323937	0.828283	-1.20732	17.8234	9.65442	0.481486	1
cg21468949	0.0003789	0.260585	-3.83752	0.00292968	0.379907	-2.63222	3.00E-05	0.144591	-6.91608	0.00827406	0.449495	-2.22472	13.2107	11.734	0.78953	1
cg15094605	0.0175008	0.479422	-2.08584	0.000401624	0.239073	-4.18282	0.00104766	0.291433	-3.43132	0.000407343	0.239805	-4.17006	12.5807	12.8767	0.909797	1
cg25758242	0.509319	0.789257	-1.26701	0.00676131	0.289041	-3.45972	0.825711	1.08109	1.08109	0.00067102	0.158897	-6.29339	12.2365	24.223	1.75962	1
cg12646029	0.0095023	0.393622	-2.54051	0.000279066	0.185085	-5.40293	0.000426791	0.205408	-4.86836	0.179318	0.667122	-1.49898	9.85041	12.5633	1.13369	1
cg15209921	0.853501	0.942531	-1.06097	0.50175	1.24396	1.24396	4.42E-05	0.0838968	-11.9194	0.0205848	0.4094	-2.4426	9.55687	15.5177	1.44331	1
cg13497069	0.555169	0.8545	-1.17028	0.164042	0.676223	-1.4788	5.18E-05	0.136039	-7.35083	0.724434	1.09774	1.09774	7.54856	8.29868	0.977221	1
cg02342892	0.361548	0.754219	-1.32587	0.357672	0.752401	-1.32908	0.006898	0.349301	-2.86286	0.0200752	0.430163	-2.3247	7.49218	10.7326	1.27334	1
cg04852097	0.0192833	1.6995	1.6995	0.0545786	1.50469	1.50469	0.00277858	0.461717	-2.16583	0.243136	0.795452	-1.25715	7.34443	4.08359	0.494233	1
cg09595044	0.0877844	0.612134	-1.63363	0.223743	1.39505	1.39505	0.00046763	0.238663	-4.19001	0.760628	1.08284	1.08284	5.14715	5.53051	0.955095	1
cg13615337	0.0114861	0.359655	-2.78044	0.990454	0.996138	-1.00388	0.000822671	0.195954	-5.10323	0.630013	0.85473	-1.16996	4.85867	8.04818	1.47241	1
cg22965752	0.0992007	1.54155	1.54155	0.268464	0.758817	-1.31784	0.562067	0.869039	-1.1507	0.248522	1.33488	1.33488	3.90851	3.54934	0.807205	1
cg12546695	0.134153	0.657635	-1.5206	0.0207592	0.485646	-2.05911	0.213666	0.71196	-1.40457	0.524891	0.846054	-1.18196	3.80055	4.05193	0.947682	1
cg02117021	0.292763	0.761322	-1.31351	0.099652	1.56966	1.56966	0.956207	1.01382	1.01382	0.73618	1.08816	1.08816	3.48876	3.44914	0.878794	1
cg02274336	0.101704	0.434948	-2.29912	0.711056	1.18874	1.18874	0.00650272	0.193312	-5.17299	0.338583	0.632316	-1.58149	3.4188	11.6909	3.03963	1
cg05009707	0.000311829	0.238962	-4.18477	1.51E-05	0.111341	-8.98145	0.013434	0.472674	-2.11562	0.0247752	0.519821	-1.92374	19.8135	18.807	0.843735	1
cg21864713	0.0290407	0.590565	-1.69329	0.392681	0.83591	-1.1963	0.00479238	0.464746	-2.15171	0.135991	0.719755	-1.38936	8.53271	5.66183	0.589817	1
cg07976328	0.492949	0.858539	-1.16477	0.0321397	1.73283	1.73283	0.0292068	0.56959	-1.75565	0.50296	0.861651	-1.16056	4.3841	3.33148	0.675467	1
cg27475805	0.237897	0.881668	-1.13421	0.162712	1.16393	1.16393	0.000352498	0.557224	-1.79461	0.129272	1.18172	1.18172	24.433	4.01536	0.146081	1
cg13299436	0.254117	0.740843	-1.34981	6.82E-05	0.159581	-6.26643	9.16E-05	0.172004	-5.81383	0.0398635	0.549669	-1.81928	17.4145	17.4999	0.893247	1
cg27191906	0.0035917	0.328345	-3.04558	0.00125434	0.264303	-3.78353	3.88E-05	0.107939	-9.26446	0.956598	0.984746	-1.01549	13.0718	16.5145	1.123	1
cg13169479	0.463108	0.864461	-1.15679	0.437976	1.16682	1.16682	0.933856	1.01632	1.01632	0.00589872	0.495335	-2.01883	12.366	7.44817	0.535388	1
cg00609291	0.0631124	0.520791	-1.92015	0.000123208	0.123631	-8.0886	0.0778937	0.542556	-1.84313	0.0199811	0.416292	-2.40216	7.96278	12.2843	1.37131	1
cg10767797	0.000160568	0.179353	-5.57558	1.02E-05	0.0804339	-12.4326	0.0203647	0.474612	-2.10698	0.000591734	0.243127	-4.11308	17.5478	19.7457	1.00023	1
cg10060918	0.139845	0.889659	-1.12403	3.63E-06	0.449887	-2.22278	2.36E-08	0.216636	-4.61604	0.0114051	0.792107	-1.26246	104.777	8.98879	0.0762574	1
cg06404832	0.0901311	0.641373	-1.55916	0.00102549	0.314346	-3.18121	0.000243659	0.236387	-4.23035	0.0302312	0.545582	-1.83291	10.2864	9.21227	0.796065	1
cg07661389	0.0397279	0.625784	-1.598	0.914099	1.0215	1.0215	0.00015397	0.278426	-3.59162	0.752103	0.939444	-1.06446	6.43323	3.95934	0.547067	1
cg09931793	0.2242	0.648663	-1.54163	0.7244	0.886914	-1.12751	0.690894	0.873284	-1.1451	0.665434	0.862874	-1.15892	4.64181	8.44852	1.61786	1
cg09121480	0.000236871	0.440113	-2.27215	0.000475485	2.09454	2.09454	0.329307	1.1453	1.1453	3.32E-05	0.337785	-2.96046	21.3797	6.14859	0.255636	1
cg19302605	0.881165	0.944351	-1.05882	0.0604088	0.44529	-2.24573	0.00230431	[illegible]	-5.0896	0.000445953	0.120425	-8.30389	9.77992	22.4469	2.05489	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(1057 vs. N)	Fold-Change(1-vs-1057)	p-value(1117 vs. N)	Fold-Change(1-vs-1117)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(1247 vs. N)	Fold-Change(1-vs-1247)	p-value(1437 vs. N)	Fold-Change(1-vs-1437)	p-value(1527 vs. N)	Fold-Change(1-vs-1527)	p-value(1537 vs. N)	Fold-Change(1-vs-1537)	p-value(5377 vs. N)	Fold-Change(1-vs-5377)	p-value(5537 vs. N)	Fold-Change(1-vs-5537)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	t(Test)	S5(Test)	S5(Error)	F(Error
cg08861456	ORL13	0.00383283	0.0306324	4.496675	-2.14282	3.33569	1.34702	1.34702	0.396618	1.29755	1.29755	1.873776	0.953413	-1.04886	0.2714	2.70925	-1.40094	0.221585	0.673744	-1.49424	0.002003338	7.74677	7.74677	0.625213	1.19098	1.19098	0.127438	0.609381	-1.63985	7.95407	11.3434	1.26766	1
cg00506600	ORL13	0.00503363	0.309835	0.613888	-1.62896	0.00427823	5.89671	1.89671	0.0561888	2.72945	2.72945	0.410716	0.676664	-1.47784	0.287409	0.598783	-1.67005	0.0223165	0.565712	3.56572	0.0007496	10.7447	10.7447	0.0158258	3.94507	3.94507	0.706446	0.838889	-1.19205	7.207747	24.6081	3.03489	1
cg08260406	ORL13	0.0201027	0.0387966	3.92538	3.92538	0.04902282	3.6124	3.6124	0.618025	1.33285	1.33285	0.251126	0.503941	-1.98436	0.0531852	3.50956	3.50956	0.980133	0.985869	-1.03143	0.000855075	17.512	17.512	0.176978	2.27094	2.27094	0.15607	2.38041	2.38041	4.69638	24.2961	4.55854	1
cg16777532	ORL13	0.03084227	0.0954427	0.201	-4.97513	0.263357	0.565732	-1.76702	0.0547944	0.344856	-2.89976	0.2480617	0.554201	-1.80435	0.00682759	0.183703	-5.44412	0.0155065	0.213327	-4.68153	0.03776134	0.307633	-3.25053	0.028985	0.284159	-3.51916	0.178886	0.497601	-2.00928	4.046765	15.3109	3.36311	1
cg20434529	ORL13	0.0147128	0.490303	0.7520117	-1.32976	0.0251237	2.95402	2.95402	0.399773	0.704333	-1.41978	0.138871	0.523199	-1.91132	0.251128	1.62187	1.62817	0.132986	0.517305	-1.9331	0.00701621	4.12684	4.12684	0.676237	0.843011	-1.18622	0.106637	2.04698	3.87667	10.1571	2.32774	1
cg26150142	ORL13	0.0436758	0.0354953	0.0801312	-12.4795	0.600345	0.693829	-1.44128	0.177306	0.370333	-2.69518	0.149037	0.343013	-2.91534	0.0263832	0.16244	-6.15621	0.168771	0.362798	-2.75635	0.145966	0.339828	-2.94266	0.0138058	0.12193	-8.20312	0.0219802	0.149567	-6.68395	3.56009	26.9664	6.73107	1
cg16593812	ORL21P,ORL13	0.00140981	0.00136639	0.158781	-6.298	0.90109	0.952288	-1.0501	0.00470109	0.228301	-4.38019	0.0293864	0.364664	-2.74225	0.000478693	0.115904	-8.62784	0.000353133	0.104711	-9.5501	0.7039564	0.457012	-2.18813	0.104109	0.49726	-2.01102	0.00155357	0.167163	-5.9822	10.6681	26.1194	2.17632	1
cg10435092	ORL2R,ORL13	0.00311743	0.00134231	0.141238	-2.59355	0.0215171	1.89099	1.89099	0.00753053	0.248663	-4.02147	0.0093447	0.364234	-2.75842	3.10E-05	0.15325	-6.52526	0.001648833	0.153617	-6.50971	0.00135405	0.325997	-3.06546	0.0028357	0.387456	-2.5812	0.000709638	0.303469	-3.29522	21.2218	17.8915	0.74948	1
cg00338877	ORL2R,ORL13	0.00042288	0.00067253	0.133407	-7.49586	0.00708842	3.155024	-2.98486	0.00291784	0.276529	-3.61626	0.0111645	0.368036	-2.71735	0.000157164	0.100992	-7.63406	0.0793783	0.542219	-1.84427	0.0458313	0.305355	-3.27483	0.0058166	0.323135	-3.12702	7.19E-05	0.103006	-9.70819	15.1763	7.45406	1
cg05938958	ORL2L,ORL13	0.00654466	0.00110238	0.245301	-4.07662	0.688764	0.889038	-1.12481	0.0900229	0.57936	-1.72604	0.0211406	0.444921	-2.24759	0.00372779	0.318448	-3.14023	0.0232431	0.452749	-2.20873	0.00650431	0.355888	-2.80988	0.00546937	0.343942	-2.90746	0.0287765	0.4708	-2.12404	6.755	9.12845	1.20134	1
cg12107403	ORL2L,ORL13	0.03755047	0.01225251	0.553597	-1.80676	0.0288122	0.695165	-1.43807	0.0418255	0.422107	-2.36707	0.0134178	0.339222	-2.94707	0.00613	0.249225	-4.01113	0.0227727	0.19711	-5.07332	0.0133162	0.244144	-4.09755	0.0229057	0.19797	-5.05381	0.0542867	0.272168	-3.67442	3.77118	21.2855	5.69827	1
cg13984200	ORL2R,ORL13	0.00166664	0.00148897	-0.26466	-3.77843	0.489948	0.815883	-1.22567	0.00156759	0.267642	-3.73633	0.623799	0.866378	-1.15423	0.00191977	0.279517	-3.5776	0.838625	0.94255	-1.06095	0.0230031	0.454313	-2.20113	0.0126442	0.406794	-2.45825	0.000197672	0.162877	-6.13695	13.5547	1.1852	1
cg18357793	ORL2R,ORL13	0.00203172	0.00202538	0.0687789	-14.4244	0.362168	1.54808	-1.54808	0.00240476	0.297565	-3.36287	0.0976601	0.431576	-2.30855	0.00183613	0.244144	-4.09755	0.0131066	0.209069	-4.78311	0.0379306	0.255005	-3.92136	0.0031494	0.126199	-7.92397	0.0128217	0.204868	-4.88119	5.58701	23.2789	5.37065	1
cg15087740	ORL2R,ORL13	0.01327755	0.00819586	0.168829	-5.92315	0.23437	0.579129	-1.92611	0.0196578	0.227186	-4.40168	0.974814	1.01674	1.01674	0.573818	0.0538878	0.31635	0.0119116	0.191979	-5.20801	0.0717835	0.347476	-2.87788	0.0243465	0.272381	-3.66555	0.00129115	0.0849338	11.7739	5.39035	23.6185	3.89283	1
cg16649915	ORL2P	0.00590373	0.0093799	0.485635	-2.05916	0.0288186	1.36786	-2.72342	0.0176375	0.32025	-3.12078	0.458192	0.734193	-1.36255	0.0118078	0.458192	-2.18243	0.0017175	0.173078	-5.77774	0.0108809	0.178707	-5.59129	0.009381	0.483192	-2.06957	0.000898173	0.142516	-7.01673	13.0626	31.7877	2.1631	1
cg18964981	ORL2P1	0.00558745	0.00178969	0.186957	-5.34482	0.1143397	0.363702	-2.7495	0.00611681	0.121548	-8.22722	0.0272159	0.306693	-3.26059	0.000337083	0.0332354	-30.0884	0.519967	0.681026	-1.46837	0.0796992	0.318053	-3.14413	0.0231463	0.202035	-4.94964	0.00289584	0.0896329	-11.1566	7.0991	38.9739	4.88411	1
cg18350545	ORL2P1	0.01719325	0.00463039	0.0971618	-10.2921	0.0997168	0.373419	-3.05049	0.0271511	0.198096	-5.04805	0.0269911	0.381797	-2.53215	0.00313168	0.0821362	-12.1764	0.0971102	0.134052	-7.46053	0.0227852	0.174645	-5.72585	0.0178454	0.226228	-4.42032	0.0116622	0.142165	-7.0341	4.95079	30.0303	5.39178	1
cg00143097	ORL2P1	0.0404969	0.0335232	0.0614966	-16.2504	0.0629043	0.151357	-6.60689	0.120708	0.259011	-6.56598	0.3210159	0.896487	-2.52515	0.00631181	0.0407242	-24.7683	0.0897483	0.184925	-5.40761	0.0080424	0.0467083	-21.4095	0.118181	0.261561	-4.6219	0.0428111	0.121091	-8.19736	5.66141	47.282	11.4631	1
cg00073384	ORM2	0.01419317	0.00261738	0.0789085	-12.6729	0.65595	0.760904	-1.31423	0.0366442	0.227715	-4.39145	0.193349	0.432241	-2.31353	0.0352914	0.22449	-4.45454	0.00465625	0.10093	-9.9079	0.04210122	0.24001	-4.1665	0.014245	0.158447	-6.31128	0.012497	0.150522	-6.64357	5.27598	31.0298	5.22784	1
cg22480229	ORM2	0.00407788	0.154997	0.451973	0.0560209	1.78504	0.120651	1.78504	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg20812354	ORM2	0.04167785	0.00630127	0.0784809	-12.742	0.137104	0.318102	-3.14365	0.0482679	0.199025	-5.02489	0.0693626	0.233841	-4.2764	0.0102245	0.0987793	-10.1236	0.157289	0.338998	-2.94987	0.172474	0.350947	-2.85218	0.0560969	0.212767	-4.69998	0.0278786	0.155874	-6.41542	3.62764	29.3937	7.2024	1
cg23028722	ORM2	0.00852485	0.00958849	0.217176	-4.60547	0.0778883	1.362	-1.362	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg36393354	ORM3	0.00601399	0.00095803	0.0581844	-17.1867	0.0903113	0.339919	-2.94188	0.0430104	0.260235	-3.84268	0.0818778	0.328051	-3.04831	0.0127065	0.166915	-5.99109	0.00727839	0.135177	-7.39773	0.00136446	0.068106	-14.683	0.0217261	0.203363	-4.91732	0.0170552	0.186126	-5.37272	6.93417	36.7038	4.70505	1
cg03153872	ORM3	0.0181996	0.0137756	0.0704927	-14.1859	0.352644	0.434827	-2.29976	0.0227006	0.0930701	-10.7444	0.0836307	0.188842	-5.29544	0.00780987	0.0511647	-19.5447	0.0242081	0.0964025	-10.3732	0.00404848	0.0347301	-28.7934	0.0454481	0.135699	-7.36926	0.0204287	0.0878376	-11.3847	4.85707	58.2976	10.669	1
cg07588642	ORM3	0.00602613	0.0193473	0.0920758	-10.8627	0.0862904	0.413574	-2.41799	-1.53391	0.0370643	-26.9972	0.0270634	0.0900868	-11.1025	0.00308268	0.0325257	-30.7353	0.0940197	0.134184	-7.45207	0.0195531	0.0857743	-11.6585	0.0368107	0.129322	-7.73263	0.0499383	0.153731	-6.50902	3.43126	38.451	10.9135	1
cg17404497	ORM4	0.00439064	0.0562373	0.333791	-2.99588	0.0308516	0.274764	-3.63949	0.00823038	0.179896	-5.55877	0.106828	0.409224	-2.44365	0.00404806	0.141015	-7.09143	0.0724535	0.361598	-2.7655	0.058041	0.337131	-2.96621	0.000727429	0.0737163	-13.5655	0.000721083	0.0734534	-13.6141	7.63143	31.1292	3.62585	1
cg14013099	ORM5	0.00287998	0.00079953	0.0549461	-18.1977	0.213901	0.32595	-3.06825	0.0211795	0.192923	-5.18507	0.0429182	0.159086	-6.28455	0.00178997	0.0139253	-71.8184	0.0207109	0.134052	-7.46053	0.0227852	0.174645	-5.72585	0.0178454	0.226228	-4.42032	0.0116622	0.142165	-7.0341	4.95079	30.0303	5.39178	1
cg00065449	ORM5	0.00323565	0.00524071	0.171128	-5.84357	0.618454	0.786083	-1.27213	0.0323244	0.239077	-3.67109	0.0424122	0.326139	-3.06618	0.00401724	0.0683636	-14.6277	0.0863186	0.148215	-6.74623	0.0442024	0.0967083	-10.3397	0.0290613	0.144396	-6.92599	0.0360118	0.102292	-9.77592	30.455	3.25516	1
cg26791197	ORM5	0.00578564	0.00476149	0.161747	-6.18249	0.594219	1.35795	1.35795	0.0226702	0.265512	-3.76631	0.65031	1.24835	1.24835	0.00302298	0.138683	-7.21069	0.314627	0.603253	-1.65768	0.0204589	0.252293	-3.88662	0.0130732	0.223966	-4.46496	0.00154577	0.109358	-9.14425	7.01716	26.2549	3.3258	1
cg26840068	ORM7	0.00216631	0.00188301	0.0777858	-12.8565	0.0878392	0.307859	-3.24833	0.0116564	0.180908	-5.52857	0.0708858	0.308268	-3.24333	0.00316482	0.0422702	-23.6679	0.0788324	0.0996515	-10.0369	0.00231703	0.0633793	-15.778	0.0786563	0.172852	-5.78529	0.00795483	0.0457015	-21.8811	5.09028	65.6183	13.3713	1
cg14260162	OR52	0.0341288	0.0551279	0.551035	-1.81477	0.169273	0.669419	-1.49383	0.047935	0.538079	-1.85846	0.740333	0.912877	-1.09544	0.0270707	0.466077	-2.14557	0.602432	0.15493	-6.45403	0.0122875	0.425422	-2.35051	0.00520305	0.363984	-2.74737	0.332334	0.760257	-1.31534	3.90251	4.54724	1.05745	1
cg03584421	OR52	0.0191996	0.0108225	0.1715	-5.82937	0.0970789	0.31727	-3.15301	0.0351001	0.250555	-3.99146	0.0903831	0.290782	-3.43955	0.00745131	0.103595	-9.65355	0.0855	0.0995314	-10.0473	0.00535	0.0483205	-20.6955	0.0161616	0.129512	-7.71353	0.0418944	0.140726	-7.10966	3.49727	22.1335	6.34428	1
cg15454534	OR71	0.01700568	0.00121432	0.0586113	-17.0616	0.122026	0.366451	-2.72888	0.040933	0.243373	-4.10893	0.135774	0.38178	-2.61931	0.00706981	0.124309	-8.04444	0.0286677	0.212532	-4.70517	0.0861855	0.321242	-3.11292	0.0446885	0.251452	-3.97691	0.0283112	0.212094	-4.71489	4.96882	28.233	5.0507	1
cg13053563	OR71	0.0134416	0.0038313	0.138042	-7.24418	0.0145997	0.000408	-11.0618	0.0810702	0.213114	-4.69233	0.15126	0.292596	-3.41768	0.0155321	0.0933069	-10.7173	0.510237	0.70536	-1.70536	0.085266	0.0683867	-14.6227	0.184044	0.32427	-3.08385	0.0644103	0.19006	-5.26149	3.93122	39.7641	8.99107	1
cg22675542	OR71	0.00207147	0.00058844	0.0317756	-31.4788	0.0432722	0.0887	-11.2708	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg26370714	OR7D10	0.00250862	0.00208342	0.0699441	-14.2971	0.889437	1.06451	1.06451	0.00313333	0.16279	-6.1429	0.00469351	0.184726	-5.41343	0.0149389	0.260529	-3.83835	0.0567784	0.379461	-2.63532	0.387468	0.671591	-1.489	0.00306683	0.163683	-6.18495	0.00469271	0.184716	-5.41371	0.02289	28.8655	2.84348	1
cg19367176	OR7D11	0.00572777	0.0109597	0.0599507	-16.6893	0.0737892	0.171254	-5.83955	0.0125784	0.166605	-5.67593	0.0452511	0.365294	-2.73802	0.00203768	0.0430304	-23.2323	0.0202707	0.122734	-8.14944	0.0160284	0.147044	-6.80025	0.0102727	0.122574	-8.15288	0.0139508	0.0975317	-10.2537	3.72445	49.2242	13.3908	1
cg00821186	OR7D11	0.0014409	5.83E-05	0.0692491	-14.4406	0.219468	0.629429	-1.58874	0.0344685	0.248724	-4.15372	0.317618	0.690495	-1.44824	0.00274742	0.245849	-4.06754	0.100218	0.524315	-1.90725	0.184901	0.165551	1.65551	0.0563828	0.460915	2.1696	0.00586337	0.274458	5.64354	0.105184	1.80943	0.10351	1
cg17514168	OR7D11	0.00285775	0.00099014	0.0969831	-10.3111	0.202732	0.52666	-1.89876	0.00401193	0.158275	-6.31811	0.00609485	0.181377	-5.51339	0.00114523	0.102312	-9.77405	0.0494122	0.202827	-4.93011	0.0328455	0.159117	-6.28469	0.0224938	0.1451	-6.89317	0.0468503	0.149343	-6.69552	4.26363	44.6957	11.1018	1
cg18315861	OR7D11	0.0107073	0.0132179	0.0881653	-11.3436	0.0996516	0.252345	-3.96282	0.0425	0.244169	-4.09552	0.0772586	0.306693	-3.26059	0.00313168	0.0821362	-12.1764	0.0971102	0.134052	-7.46053	0.0227852	0.174645	-5.72585	0.0178454	0.226228	-4.42032	0.0116622	0.142165	-7.0341	4.95079	30.0303	5.39178	1
cg08064400	OR7D12	0.0209197	0.00821196	0.255729	-3.91039	0.125527	0.512435	-1.95147	0.014541	0.297062	-3.3663	0.252781	0.497047	-2.01184	0.00853189	0.258311	-3.87131	0.100335	0.48386	-2.06671	0.848409	1.08022	0.0728315	0.34908	-2.86467	0.00705709	0.245662	-4.06995	2.63169	11.9325	2.89393	1
cg03630893	OR7D12	0.00026097	0.00020878	0.0418387	-23.9134	0.0953574	0.18134	-5.5135	0.0014769	0.0734219	-13.6428	0.0534323	0.180857	-5.52906	0.00144809	0.0716408	-13.9606	0.0080447	0.0785	-12.7389	0.00164036	0.0129337	-77.3261	0.0062562	0.0240664	-41.5396	0.0027004	0.0121968	-82.0003	2.20163	107.4	48.7501	1
cg26396278	OR7D27	0.0083141	0.0159653	0.222607	-4.49222	0.007334	0.172033	-5.81283	0.0588367	0.337351	-2.96427	0.636402	1.27441	1.27441	0.00355262	0.13375	-7.47663	0.206727	0.507588	-1.9701	0.343709	1.64505	1.64505	0.0258682	0.259997	-3.8462	0.00263925	0.120157	-8.32345	6.26288	25.7189	3.65027	1
cg10006428	OR7D27	0.0101009	0.0052173	0.0779	-13.5858	0.0218	0.0019	-26.3252	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg12709007	OR7D27	0.0166314	0.0290636	0.3109778	-3.21566	0.0021578	0.14504	-6.89507	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg02064848	OR7D29	0.00043278	4.78E-05	0.0419198	-23.8551	0.272727	0.623234	-1.60453	0.00301251	0.185526	-5.39009	0.757101	1.13712	1.13712	0.00190108	0.163943	-6.09969	0.00345073	0.193035	5.18042	0.174838	1.81799	1.81799	0.0129766	0.278854	-3.58611	0.000283176	0.0859889	-11.6688	14.8733	40.4131	2.41526	1
cg00149753	OR7D29	0.00160053	0.00434987	0.0555	-18.0152	0.0922038	0.058458	-17.0958	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg12085619	OR7D3	0.00029029	1.31E-05	0.0449945	-22.225	0.595948	1.19902	1.19902	0.0446381	0.276295	-3.61931	0.00191627	0.225315	-4.43824	0.0021613	0.231477	-4.32008	0.0011719	0.340075	-2.94053	0.0046878	0.289394	0.18934	-5.28163	0.0004124	0.0025305	-242.5	0.0001205	-8297.52	0.001	0.00001	0.00001	1
cg00759592	OR7D3	0.00079157	0.00053132	0.0246156	-23.2856	0.328429	0.556882	-1.79597	0.195873	0.452041	-2.21219	0.0127641	0.365971	-2.73315	0.00158063	0.180145	-5.55107	0.0878843	0.334375	-2.99065	0.279028	0.532993	-1.91941	0.0115979	0.231525	-4.31939	0.0063583	0.125462	-7.97052	9.9554	31.2569	4.34253	1
cg14026101	OR7D3	0.0223951	0.00284861	0.0368471	-27.1492	0.0894746	0.16505	-6.05855	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg16314108	OR7D3	0.00331378	0.0087637	0.13139	-3.19091	0.870072	0.944697	-1.05854	0.0852182	0.193741	-5.16118	0.0636253	0.145614	-6.86753	0.00134863	0.0607535	-16.4618	0.0240017	0.0833267	-12.0019	0.00134863	0.0607535	-16.4618	0.0240017	0.0833267	-12.0019	0.00134863	0.0607535	-16.4618	0.0240017	0.0833267	-12.0019	0.00134863	1
cg00402105	OR7D3	0.00441592	0.00245355	0.0421563	-23.1706	0.0778264	0.184863	-5.40903	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg00400301	OR7D3	0.0246091	0.0148763	0.198742	-5.03164	0.0859016	0.16399	-6.09792	0.036791	0.270262	-3.70012	0.179807	0.463746	-2.15635	0.01408842	0.19502	-5.12768	0.0611787	0.320473	3.12039	0.0204995	0.221828	-4.508	0.0123802	0.186483	-5.36241	0.0650191	0.327087	-3.05729	4.38116	20.1877	4.09587	1
cg04102605	OR7D34	5.86E-05	2.00E-06	0.0478696	-20.8901	0.0473218	0.0732218	0.08234	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg16233450	OR7D34	0.00032081	1.73E-05	0.0448303	-22.3063	0.48796	1.28205	1.28205	0.0525544	0.45969	-2.17538	0.0026173	0.230051	-4.34682	0.00156906	0.201571	-4.96102	0.0661194	0.283217	-3.53086	0.0100555	0.193071	-5.16395	0.0073147	0.188365	-5.3907	0.0066077	0.153865	-6.2907	16.1566	31.8157	7.7504	1
cg00113799	OR7D34	0.00177409	0.0611393	0.641876	-1.55793	0.00435289	0.449121	-2.22657	0.00556796	0.465282	-2.14923	0.4646	0.198947	-5.02647	0.01113537	0.51378	-1.94636	0.0034507	0.193035	5.18042	0.174838	1.81799	1.81799	0.0129766	0.278854	-3.58611	0.000283176	0.0859889	-11.6688	14.8733	40.4131	2.41526	1
cg10414213	OR7D34	0.00473624	0.00160513	0.0643497	-15.5225	0.0922038	0.058458	-17.0958	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg26353448	OR7D4	0.00109528	0.00204928	0.133786	-7.47462	0.0192083	2.56689	2.56689	0.037629	0.435527	-2.29607	0.041984	0.231473	4.32217	0.00149444	0.180031	-5.55407	0.0020489267	0.162382	6.15832	0.336955	1.39018	1.39018	0.041183	0.365321	-2.73732	0.0118685	0.351634	-2.84386	14.4663	20.1093	1.55801	1
cg07488360	OR7D4	0.00163325	0.00144382	0.0911774	-10.9714	0.472088	0.824824	-1.21262	0.0139465	0.124567	-8.02961	0.0139465	0.154205	-6.48451	0.189911	0.510954	-1.95712	0.0146569	0.233829	-4.27963	0.0106351	0.215637	-4.63897	0.0178384	0.270586	-3.69887	0.0170527	0.354586	-2.82019	4.49887	18.1521	3.29299	1
cg07834423	OR7D5	0.00125017	0.00017198	0.00556	-16.4646	0.537687	0.794881	-1.25805	0.0166669	0.341222	-2.93063	0.565274	1.23842	1.23842	0.00303176	0.224375	-4.45683	0.0156554	0.34115	-2.93126	0.280855	1.51034	1.51034	0.00561387	0.262501	-3.80951	0.000721408	0.150695	-6.63591	11.0418	23.6648	1.90506	1
cg06832985	OR7D5	0.00312054	0.00103404	0.0713035	-14.0246	0.375011	0.660468	-1.51408	0.0439162	0.248215	-4.0291	0.0276	0.246979	-4.04805	0.00145145	0.0852182	-11.7391	0.0055544	0.198104	-5.25779	0.0723551	0.143147	-6.98581	0.0116868	0.158478	-6.31029	0.0086026	0.0850735	-11.7548	6.63417	0.48453	27.8039	2.92185	1
cg20465661	OR7D5	0.00225753	0.00165871	0.0811471	-12.3264	0.0338844	0.153619	-6.51118	0.0063751	0.158413	-6.31388	0.0276796	0.1547	-6.46459	0.00135177	0.0646709	-15.4647	0.0226157	0.141313	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04311971	OR4D1;MSX2P1	5.50E-08	0.292204	0.891788	-1.12134	0.000122821	0.495467	-2.0183	2.01E-07	0.19081	-5.24081	1.34E-07	0.174662	-5.72536	0.000119948	0.494285	-2.02312	2.40E-07	0.197942	-5.05199	2.00E-09	0.0510115	-19.6034	3.69E-05	0.435243	-2.29757	0.0455399	0.786384	-1.27164	153.028	26.6179	0.154614	1
cg14819820	OR4D2	0.000204421	0.0296236	0.437188	-2.28734	0.00599215	0.313307	-3.19176	0.000153582	0.122882	-8.13791	0.00367437	0.281124	-3.55715	0.000377063	0.159417	-6.27285	0.261552	1.45981	1.45981	1.20E-05	0.0502493	-19.9008	0.116707	0.576529	-1.73452	0.0487445	0.48322	-2.06945	18.2626	30.1974	1.46979	1
cg10233463	OR4D2	0.00211187	0.022578	0.312049	-3.20462	0.123385	0.490796	-2.03751	0.00395891	0.191543	-5.22076	0.889041	0.942206	-1.06134	0.0196861	0.300754	-3.32498	0.218656	0.575944	-1.73628	0.000108222	0.0544799	-18.3554	0.000775348	0.114254	-8.7524	0.202215	0.563154	-1.77571	9.49003	27.3338	2.56023	1
cg08200621	OR4D2	0.00284338	0.00327114	0.275865	-3.62496	0.822497	0.930361	-1.07485	0.00831294	0.338327	-2.95572	0.00146375	0.228565	-4.37511	0.00135167	0.224187	-4.46057	0.0253344	0.42568	-2.34918	0.00924389	0.346005	-2.89013	0.001966	0.245255	-4.07739	0.960023	0.984026	-1.01623	8.6953	14.2127	1.45291	1
cg02874396	OR4D2	0.0177616	0.413437	1.1803	1.1803	0.440855	0.855705	-1.16863	0.0731839	0.672909	-1.48608	0.782692	0.94666	-1.05635	0.323436	1.22409	1.22409	0.427284	0.851553	-1.17432	0.000383026	0.324971	-3.0772	0.0954792	0.695509	-1.43779	0.647873	0.912866	-1.09545	4.89702	3.0485	0.553353	1
cg09333392	OR4D2	0.0332435	0.104412	0.308537	-3.2411	0.215693	0.421803	-2.37077	0.013986	0.133907	-7.46788	0.155378	0.365249	-2.73786	0.0559373	0.238238	-4.19748	0.0825561	0.279768	-3.57438	0.00532055	0.0877945	-11.3902	0.00598879	0.0925781	-10.8017	0.367837	0.541837	-1.84557	3.93963	27.3825	6.17823	1
cg01857186	OR4D5	0.000241171	0.270756	0.800115	-1.24982	0.0166534	0.566341	-1.76572	0.00115482	0.39511	-2.53094	0.0877111	0.693111	-1.44277	3.03E-06	0.115208	-8.67996	0.430087	0.855015	-1.16957	0.00762535	0.513151	-1.94875	0.318821	0.818429	-1.22185	0.00857046	0.52092	-1.91968	17.4601	10.459	0.532463	1
cg17257444	OR4D6	2.40E-05	2.69E-05	0.104042	-9.61147	0.000360808	0.209829	-4.76579	0.000315611	0.203295	-4.91896	0.000763387	0.248613	-4.02232	0.000112696	0.156966	-6.3708	3.49E-05	0.112661	-8.87621	5.48E-06	0.0605252	-16.522	6.35E-05	0.134205	-7.45128	0.000193829	0.180492	-5.54042	32.2812	38.0894	1.04882	1
cg23713772	OR4D6	0.000384644	0.000255008	0.0962996	-10.3843	0.0140106	0.307724	-3.24967	0.00212544	0.186878	-5.3511	0.017599	0.325624	-3.07103	0.00121742	0.158969	-6.29055	0.00134597	0.163765	-6.10632	0.000127175	0.0750152	-13.3306	0.000179882	0.085153	-11.7436	0.00241119	0.193642	-5.16417	15.3651	36.7211	2.12437	1
cg20597215	OR4D6	0.0290632	0.013787	0.0914434	-10.9357	0.0384494	0.151918	-6.5825	0.0260034	0.125415	-7.97353	0.11158	0.256223	-3.90285	0.0133279	0.0898927	-11.1244	0.030862	0.136426	-7.32999	0.0210359	0.112947	-8.85374	0.0411787	0.157092	-6.3657	0.0223326	0.116342	-8.59535	4.13305	40.4146	8.69192	1
cg02929780	OR4D9	0.00119954	2.63E-05	0.210335	-4.75433	0.976624	0.994523	-1.00551	0.573043	0.898755	-1.11265	0.282741	1.23272	1.23272	0.00837056	0.531798	-1.88041	0.379838	1.18396	1.18396	0.133498	1.35443	1.35443	0.0292971	0.617987	-1.61816	0.921859	0.981777	-1.01856	11.173	6.21755	0.494648	1
cg18091245	OR4E2	1.50E-05	0.0173532	0.64166	-1.55846	0.000764275	0.458051	-2.18316	2.38E-05	0.275055	-3.63564	2.77E-06	0.178657	-5.59732	0.00535043	0.570185	-1.75382	0.0165057	0.638538	-1.56608	0.0259279	1.49916	1.49916	2.93E-06	0.180932	-5.52694	0.0595123	0.722013	-1.38502	36.5371	13.5709	0.330158	1
cg04338834	OR4E2	0.00188763	0.645574	0.896944	-1.1149	0.00130191	0.332929	-3.00364	0.000539965	0.282604	-3.53852	0.0025701	0.374645	-2.66919	0.221975	0.739739	-1.35183	0.0501791	0.591914	-1.68943	0.127559	1.4725	1.4725	0.00300917	0.38468	-2.59956	0.00624662	0.433015	-2.30939	9.80552	8.56571	0.776498	1
cg23139887	OR4E2	0.00876523	0.00118625	0.0565257	-17.6911	0.00943753	0.136932	-7.3029	0.145111	0.388445	-2.57436	0.0544275	0.267435	-3.73923	0.0178634	0.175553	-5.6963	0.742204	0.819156	-1.22077	0.926289	1.05751	1.05751	0.0173222	0.173492	-5.76396	0.00341933	0.0903723	-11.0653	6.16381	35.6528	5.14153	1
cg27134049	OR4F15	0.000912065	0.0194557	1.6689	1.6689	0.188645	1.28728	1.28728	0.132374	0.744956	-1.34236	0.034141	0.638759	-1.56553	0.000313075	0.346625	-2.88497	0.172816	0.768714	-1.30087	0.305012	1.21238	1.21238	0.000118102	0.294698	-3.39331	0.722426	0.937379	-1.0668	12.0772	6.28783	0.462789	1
cg26082001	OR4F15	0.0208047	0.0254567	2.16147	2.16147	0.530217	0.83147	-1.20269	0.446648	0.798398	-1.25251	0.42279	0.788476	-1.26827	0.0624721	1.83783	1.83783	0.012091	2.47977	2.47977	0.00906454	2.61859	2.61859	0.0498879	1.91391	1.91391	0.0251848	2.1657	2.1657	4.64181	6.19369	1.18607	1
cg21870274	OR4F5	0.000140209	0.0739854	1.42671	1.42671	0.00731168	0.539447	-1.85375	0.000416834	0.368276	-2.71536	0.0159446	0.590567	-1.69329	5.71E-05	0.263715	-3.79197	0.000774155	0.403316	-2.47944	0.000603776	0.389118	-2.56992	5.80E-05	0.264453	-3.78139	0.00142974	0.439086	-2.27746	20.2212	10.1996	0.448357	1
cg04108298	OR4F6	0.00026747	0.0152976	0.533836	-1.87324	0.00015175	0.25408	-3.93577	0.341716	0.813419	-1.22938	0.0993521	0.683325	-1.46343	2.28E-05	0.167295	-5.97746	0.410839	0.83755	-1.19396	0.000134995	0.248217	-4.02873	0.405588	1.19645	1.19645	0.0330727	0.591385	-1.69095	16.9744	11.9453	0.625535	1
cg10783086	OR4F6	0.00118521	0.00493849	1.81621	1.81621	6.62E-05	3.23062	3.23062	0.127185	1.30265	1.30265	0.199739	0.804816	-1.24252	0.0143863	0.616576	-1.62186	0.305377	1.18544	1.18544	0.00628457	1.76929	1.76929	0.101012	1.33358	1.33358	0.34323	1.16942	1.16942	11.2114	4.56183	0.361682	1
cg26155802	OR4F6	0.0198116	0.0879242	0.467962	-2.13693	0.0689056	0.440079	-2.27232	0.0181266	0.314412	-3.18054	0.902935	0.951997	-1.05042	0.0292138	0.354875	-2.81789	0.226945	0.599606	-1.66776	0.00151307	0.158437	-6.31164	0.474695	1.34061	1.34061	0.0276436	0.349968	-2.8574	4.71971	12.1524	2.28874	1
cg02976366	OR4K1	0.000124767	3.33E-05	0.102946	-9.71381	2.83E-05	0.0977789	-10.2272	0.00387581	0.333302	-3.00029	0.00138568	0.270012	-3.70354	0.000281516	0.186971	-5.34843	0.00523739	0.353377	-2.82984	0.0767481	0.57352	-1.74362	0.000576367	0.222114	-4.50219	0.000309013	0.191342	-5.22625	20.8657	26.3616	1.12302	1
cg09775972	OR4K1	0.00135674	0.000535492	0.283376	-3.52888	0.00543074	0.424758	-2.35428	0.0195075	0.516466	-1.93624	0.628849	0.892264	-1.12074	0.0308718	0.552506	-1.80994	0.0171862	0.506845	-1.97299	0.00148939	2.92188	2.92188	0.0440285	0.581819	-1.71875	0.0130002	0.486097	-2.0572	10.7862	9.35783	0.771175	1
cg11848324	OR4K1	0.0092373	0.0104872	0.161067	-6.20858	0.00074549	0.0549474	-18.1992	0.0623811	0.304511	-3.28396	0.421573	0.627886	-1.59265	0.00698443	0.138373	-7.22682	0.108146	0.370241	-2.70095	0.0144266	0.181015	-5.52439	0.0208295	0.20663	-4.83958	0.0263741	0.224758	-4.44923	6.06206	30.8506	4.52368	1
cg02963414	OR4K13	0.00260566	0.000258088	0.129727	-7.70851	0.102163	0.544716	-1.83582	0.0917502	0.532328	-1.87854	0.4625	0.775696	-1.28916	0.0394775	0.445361	-2.24537	0.576127	0.825465	-1.21144	0.00113604	0.196754	-5.08249	0.00159281	0.214661	-4.65851	0.00505858	0.283997	-3.52117	8.92256	16.2976	1.62361	1
cg07531287	OR4K15	0.000160604	0.000101573	0.216045	-4.62866	1.55E-05	0.136754	-7.31243	0.0294765	0.565231	-1.76919	0.0166575	0.521768	-1.91656	0.00160796	0.365428	-2.73652	0.00125553	0.350545	-2.8527	0.0303778	0.567601	-1.7618	7.87E-05	0.204149	-4.89839	0.00818949	0.470998	-2.12315	19.4944	15.2892	0.697144	1
cg04588710	OR4K17	0.00984054	0.00648276	0.184652	-5.41559	0.00306701	0.14438	-6.92616	0.270009	0.577949	-1.73026	0.184699	0.510915	-1.95727	0.00665075	0.186169	-5.37145	0.0584286	0.360339	-2.77516	0.0107006	0.216247	-4.62435	0.00280822	0.140127	-7.13637	0.0949976	0.416537	-2.40075	5.94107	21.4399	3.20779	1
cg10836431	OR4K17	0.0100142	0.016034	0.240524	-4.15758	0.000768111	0.085203	-11.7367	0.14692	0.471175	-2.12235	0.115368	0.437142	-2.28759	0.0141082	0.231196	-4.32534	0.0384861	0.313784	-3.1869	0.0125613	0.222995	-4.4844	0.00676009	0.183196	-5.45865	0.104667	0.424287	-2.3569	5.90794	21.866	3.28989	1
cg14379850	OR4K17	0.0388982	0.757328	1.25264	1.25264	0.288688	0.44912	-2.22658	0.0808706	0.244927	-4.08285	0.70518	0.758633	-1.31816	0.217577	0.389569	-2.56694	0.0037673	0.0583381	-17.1415	0.821886	1.17806	1.17806	0.0116786	0.101247	-9.87685	0.0272734	0.149788	-6.6761	3.72115	31.1276	7.4356	1
cg05402364	OR4K2	1.97E-07	6.55E-07	0.179214	-5.57991	2.21E-07	0.138426	-7.22409	6.63E-05	0.396009	-2.5252	1.24E-05	0.311307	-3.21227	2.73E-08	0.0755109	-13.2431	0.00256626	1.6981	1.6981	0.00878496	0.65535	-1.5259	1.46E-05	0.319406	-3.13081	7.71E-07	0.185793	-5.38234	110.805	28.1415	0.225755	1
cg05282518	OR4K2	0.0062492	0.000434826	0.186955	-5.34887	0.0646464	0.53486	-1.86965	0.854323	0.946092	-1.05698	0.0142678	0.40203	-2.48737	0.239566	0.689827	-1.44964	0.0230412	0.440639	-2.26943	0.587304	1.17966	1.17966	0.0802992	1.79494	1.79494	0.0238905	0.443672	-2.25392	6.85242	9.86572	1.27977	1
cg26786795	OR4K2	0.0467712	0.184098	0.545412	-1.83347	0.860002	0.926858	-1.07891	0.352039	1.50991	1.50991	0.187274	0.54808	-1.82455	0.77304	1.13248	1.13248	0.186324	0.547285	-1.8272	0.0139669	3.69206	3.69206	0.00929301	4.13655	4.13655	0.877718	1.06849	1.06849	3.47479	10.187	2.60595	1
cg02477974	OR4K5	1.57E-06	2.11E-06	0.1653	-6.04961	1.89E-06	0.161071	-6.20842	6.72E-06	0.21339	-4.68626	0.606881	1.08346	1.08346	2.06E-06	0.164258	-6.088	0.16952	0.797691	-1.25362	0.0157064	1.57983	1.57983	1.21E-05	0.240079	-4.1653	5.09E-06	0.201359	-4.96625	65.3968	24.7097	0.33586	1
cg06749213	OR4K5	0.00381732	0.00195395	0.133258	-7.50426	0.00383754	0.166386	-6.01012	0.0223519	0.283736	-3.52441	0.0389248	0.332812	-3.0047	0.00172931	0.12784	-7.8223	0.0968102	0.432199	-2.31375	0.0016731	0.126402	-7.91125	0.00568268	0.188343	-5.30945	0.0136463	0.245603	-4.0716	7.96377	26.7135	2.98167	1
cg20051118	OR4L1	0.0233275	0.00829633	0.139972	-7.14427	0.00266171	0.0888299	-11.2575	0.111646	0.3644	-2.74424	0.123307	0.378082	-2.64493	0.655927	0.770066	-1.29859	0.122467	0.377121	-2.65167	0.0177215	0.186312	-5.36735	0.0261183	0.21484	-4.65463	0.0404731	0.251896	-3.96989	4.46304	23.9957	4.77915	1
cg10503684	OR4M1	0.000111068	7.11E-05	0.21948	-4.55623	0.000416653	0.309732	-3.2286	0.0703037	0.654685	-1.52745	0.0040373	0.445502	-2.24466	0.000885738	0.352407	-2.83763	0.872572	1.03418	1.03418	0.000691365	2.9575	2.9575	0.272839	1.26992	1.26992	0.000207791	0.27253	-3.66932	21.527	14.9461	0.617152	1
cg24759549	OR4M1	0.00180632	0.00154274	0.238113	-4.19968	0.0139425	0.384105	-2.60345	0.0922063	0.557697	-1.79309	0.024648	0.43041	-2.32336	0.00283931	0.274009	-3.64951	0.331993	0.729556	-1.3707	0.0476308	2.04146	2.04146	0.678803	0.877049	-1.14019	0.000227988	0.145192	-6.88742	9.93168	15.6131	1.39738	1
cg21577365	OR4M2;LOC727924	0.000645383	0.0786182	0.562226	-1.77864	0.806197	0.930102	-1.07515	0.0449613	1.97058	1.97058	0.0911271	1.73078	1.73078	0.000463584	5.07171	5.07171	0.0572073	0.530342	-1.88557	6.89E-05	8.5396	8.5396	0.0369652	0.489583	-2.04256	0.679863	0.884863	-1.13012	13.3101	18.3197	1.22344	1
cg05088017	OR4M2;LOC727924	0.00411932	0.00305129	0.349987	-2.85725	0.00965757	0.428578	-2.3333	0.115468	1.55694	1.55694	0.551935	0.855818	-1.16847	0.339187	0.775016	-1.2903	0.00174717	0.315249	-3.1721	0.169057	0.684496	-1.46093	0.00109789	0.287828	-3.4743	0.0440245	0.549529	-1.81974	7.78317	8.25086	0.942302	1
cg05097953	OR4N2	0.0115859	0.00251976	0.175627	-5.69388	0.00311747	0.187038	-5.3465	0.799374	1.11139	1.11139	0.266561	0.618771	-1.61611	0.816256	0.907992	-1.10133	0.050134	0.396079	-2.52475	0.959788	1.02113	1.02113	0.0581387	0.411483	-2.43023	0.00390106	0.199637	-5.0091	5.63727	15.3526	2.42081	1
cg13688162	OR4N2	0.0263873	0.0331647	0.476373	-2.0992	0.29309	0.722682	-1.38373	0.163838	1.55649	1.55649	0.820436	1.07005	1.07005	0.0586348	1.8891	1.8891	0.0626049	0.535812	-1.86633	0.00854249	2.71616	2.71616	0.0965429	1.72171	1.72171	0.906613	1.03556	1.03556	4.27591	6.00519	1.24838	1
cg04606582	OR4N3P	0.00295331	0.00855491	0.427686	-2.33816	0.00114833	0.298181	-3.35367	0.504873	0.842544	-1.18688	0.142119	0.670595	-1.49121	0.0185805	2.05981	2.05981	0.31639	0.769305	-1.29987	0.00413435	2.64751	2.64751	0.0901696	0.623226	-1.60455	0.0451189	0.558744	-1.78973	8.59808	8.73005	0.902532	1
cg23234847	OR4N5	0.000496305	0.00637457	0.468367	-2.13508	0.00220158	0.399703	-2.50186	0.0431405	1.64394	1.64394	0.958683	1.01113	1.01113	0.0348663	0.591329	-1.69111	7.36E-05	0.214391	-4.66439	0.00175946	0.385892	-2.5914	0.00038142	0.297585	-3.36039	0.139193	0.711738	-1.40501	14.32	10.3525	0.642613	1
cg08072356	OR4N5	0.0231691	0.00909174	0.123772	-8.07936	0.00945224	0.125778	-7.95051	0.173056	0.400953	-2.49406	0.634308	0.739291	-1.35265	0.0562145	0.255888	-3.90796	0.845048	0.883961	-1.13127	0.00968254	0.127034	-7.87192	0.00945774	0.125808	-7.9486	0.0436327	0.231728	-4.31541	4.47355	28.1522	5.59382	1
cg26866625	OR4P4	0.0135364	0.00792523	0.252115	-3.96644	0.0224681	0.330776	-3.02319	0.0271263	0.346987	-2.88195	0.362751	0.684871	-1.46013	0.00227019	0.177668	-5.62849	0.266424	0.625901	-1.5977	0.00401801	0.209294	-4.77796	0.0585413	0.42114	-2.37451	0.0418097	0.38698	-2.58411	5.35879	13.8973	2.30521	1
cg14469280	OR4Q3	0.000534296	0.000254604	0.157146	-6.3635	0.00103579	0.224888	-4.44666	0.831923	0.936815	-1.06745	0.00410604	0.306558	-3.26202	0.00175842	0.254407	-3.9307	0.142034	0.615835	-1.62381	0.00700047	2.91835	2.91835	0.0400326	0.482492	-2.07257	0.000708916	0.205101	-4.87564	14.0297	20.9557	1.3277	1
cg04607699	OR4S1	0.0140647	0.00728042	0.301327	-3.31865	0.0722407	0.498942	-2.00424	0.9151	1.03765	1.03765	0.198941	0.624745	-1.60065	0.0247854	0.396098	-2.52463	0.187468	0.616234	-1.62276	0.0134463	2.88802	2.88802	0.482804	0.780995	-1.28042	0.00875882	0.314378	-3.18088	5.29186	10.0657	1.69077	1
cg26585981	OR4S1	0.0273616	0.0209868	0.20351	-4.91377	0.00153139	0.0732068	-13.6599	0.141336	0.403805	-2.47644	0.401631	0.611316	-1.63582	0.544892	0.703774	-1.42091	0.0274303	0.22411	-4.4621	0.0356165	0.246053	-4.06417	0.286925	0.530495	-1.88503	0.0344344	0.243106	-4.11342	4.2219	21.9774	4.62717	1
cg05402062	OR4S1	0.0489611	0.0350536	0.291023	-3.43616	0.0406313	0.30477	-3.28116	0.246448	0.543775	-1.839	0.125489	0.434549	-2.30124	0.0208042	0.246949	-4.04942	0.0455729	0.315889	-3.16567	0.0229568	0.254769	-3.92512	0.0146846	0.220947	-4.52598	0.0696279	0.360613	-2.77306	3.41525	13.6656	3.55676	1
cg06173461	OR4X1	0.0385071	0.0166476	0.197816	-5.05521	0.04773	0.285152	-3.50691	0.246201	0.510616	-1.95842	0.0845984	0.347426	-2.87831	0.00609998	0.137511	-7.27213	0.027195	0.234841	-4.25821	0.027378	0.235388	-4.24831	0.0717664	0.328181	-3.0471	0.0789078	0.339134	-2.94869	3.73497	18.1704	4.3244	1
cg04721828	OR4X1	0.0402019	0.0135665	0.196746	-5.08269	0.091341	0.371699	-2.69035	0.18175	0.470257	-2.1265	0.145256	0.434968	-2.29902	0.0151023	0.204078	-4.90009	0.0816545	0.358047	-2.79293	0.00797747	0.163646	-6.11076	0.0211498	0.228675	-4.37302	0.208236	0.493524	-2.02624	3.67631	16.4949	3.98828	1
cg26208159	OR4X2	0.0140695	0.00500321	0.167037	-5.98669	0.0201948	0.259326	-3.85614	0.10968	0.431612	-2.3169	0.0934694	0.41111	-2.43244	0.00482924	0.165102	-6.05687	0.00995648	0.208398	-4.79852	0.0202455	0.259524	-3.8532	0.0110665	0.215426	-4.64197	0.0405074	0.319858	-3.12639	5.29127	19.4541	3.26812	1
cg14511647	OR51A2	1.23E-06	1.11E-07	0.0450424	-22.2013	0.40065	0.855326	-1.16915	9.20E-06	0.175221	-5.70707	2.30E-05	0.214781	-4.6559	0.304849	0.824469	-1.2129	7.37E-05	0.27012	-3.70205	0.000222619	0.327424	-3.05415	3.79E-07	0.0709112	-14.1021	2.84E-05	0.224355	-4.45722	69.491	36.3153	0.464525	1
cg25747935	OR51A2	0.000179902	7.39E-05	0.0792963	-12.6109	0.00137562	0.195333	-5.11946	0.000814234	0.169285	-5.90721	0.00196821	0.214582	-4.66023	0.00263858	0.231249	-4.32435	0.000781038	0.167322	-5.97649	0.000545712	0.15104	-6.62077	3.27E-05	0.0584379	-17.1122	0.00267355	0.232017	-4.31002	18.9058	37.0704	1.74293	1
cg07589078	OR51A2	0.00442044	0.00279968	0.144329	-6.92862	0.00342848	0.154387	-6.47725	0.075918	0.395264	-2.52996	0.125682	0.458986	-2.17871	0.674723	1.21939	1.21939	0.18619	0.517575	-1.93209	0.945398	1.03271	1.03271	0.000670412	0.0866928	-11.535	0.0034604	0.154859	-6.45748	7.61883	26.6459	3.10878	1
cg08106339	OR51A2	0.0120662	0.00282736	0.0653525	-15.3016	0.0172231	0.145841	-6.8568	0.0655078	0.253762	-3.9407	0.0290725	0.181495	-5.50978	0.0231007	0.164949	-6.06247	0.0907027	0.290419	-3.4433	0.5878	0.695549	-1.43771	0.00173053	0.0515716	-19.3905	0.0310433	0.186494	-5.36212	5.56355	38.7786	6.19567	1
cg05046377	OR51A7	6.41E-05	4.44E-05	0.097279	-10.2797	0.00415172	0.314285	-3.18183	0.00303956	0.294283	-3.3981	0.00108483	0.233904	-4.27526	9.90E-05	0.124694	-8.01963	0.000420143	0.185606	-5.38774	3.05E-05	0.0859401	-11.636	2.60E-05	0.0814049	-12.2843	0.000805254	0.217997	-4.58721	24.9265	35.8231	1.27747	1
cg23295623	OR51A7	0.000564076	8.83E-05	0.0794555	-12.5857	0.998797	1.00054	1.00054	0.00239994	0.217628	-4.595	0.00489281	0.260643	-3.83667	0.00392644	0.246775	-4.05227	0.824308	1.08347	1.08347	0.461137	1.31063	1.31063	0.000202664	0.105738	-9.45732	0.00789314	0.292695	-3.41653	13.8196	28.4508	1.82998	1
cg00467296	OR51A7	0.00184581	0.000178189	0.0780388	-12.8141	0.631336	1.21433	1.21433	0.00203638	0.174317	-5.73668	0.00967561	0.268493	-3.72449	0.108679	0.495202	-2.01938	0.762009	0.885149	-1.12975	0.0652418	0.435472	-2.29636	0.000759678	0.128763	-7.76622	0.0233056	0.336591	-2.97096	9.86954	25.2182	2.27124	1
cg23520574	OR51A7	0.0027747	0.00131785	0.107798	-9.27658	0.0037714	0.155197	-6.44343	0.00641949	0.184562	-5.41823	0.24493	0.560075	-1.78548	0.00763948	0.195062	-5.12657	0.356311	1.57173	1.57173	0.128758	2.18676	2.18676	0.00259412	0.13681	-7.30939	0.0232398	0.27448	-3.64325	8.75845	31.5082	3.19774	1
cg21057473	OR51B2	4.93E-06	6.26E-07	0.036819	-27.1599	0.01136	2.15183	2.15183	0.000302067	0.241574	-4.13952	6.44E-06	0.0878756	-11.3797	0.393946	0.809659	-1.23509	0.000689776	0.285723	-3.4999	0.262563	0.75393	-1.32638	3.99E-06	0.0748901	-13.3529	0.000287224	0.239003	-4.18404	48.7048	45.1012	0.823121	1
cg06892501	OR51B2	0.000265665	1.51E-05	0.0463187	-21.5896	0.0204982	0.384221	-2.60267	0.00294377	0.246827	-4.05141	0.00224921	0.231014	-4.32875	0.00123405	0.198196	-5.0455	0.0072692	0.305349	-3.27495	0.509097	0.794947	-1.25794	0.00126284	0.199396	-5.01513	0.000232764	0.123421	-8.10233	17.0058	31.6171	1.65262	1
cg14269191	OR51B2	0.000538596	9.67E-05	0.0534381	-18.7132	0.102567	0.470187	-2.12681	0.00227654	0.164815	-6.06743	0.00176719	0.152382	-6.56247	0.967896	0.983142	-1.01715	0.179511	0.547565	-1.82627	0.00573906	0.216612	-4.61654	0.000114189	0.057239	-17.4706	0.00193394	0.156727	-6.38052	13.9984	39.5647	2.51232	1
cg22677048	OR51B2;OR51B2	8.81E-05	0.00020659	0.165605	-6.03846	0.778768	1.08491	1.08491	0.00214624	0.287264	-3.48111	0.00158699	0.269323	-3.71301	0.601686	0.858652	-1.16462	0.00241255	0.294404	-3.39669	2.14E-05	0.0841886	-11.8781	0.000346734	0.18914	-5.28709	2.34E-05	0.0867799	-11.5234	22.9009	30.3684	1.17873	1
cg26800915	OR51B4	0.00023024	3.10E-05	0.0422095	-23.6913	0.0908276	0.484177	-2.06536	0.0015062	0.168579	-5.93194	0.0035124	0.2141	-4.67071	0.0643426	0.445224	-2.24606	0.0349456	0.384097	-2.60351	0.0185313	0.328966	-3.03983	1.92E-05	0.0340892	-29.3348	0.00208991	0.18528	-5.39724	17.6819	42.4497	2.13399	1
cg06353345	OR51B4	0.00204038	0.000812855	0.062927	-15.8914	0.00507993	0.131497	-7.60474	0.0182736	0.208244	-4.80206	0.162817	0.442167	-2.26159	0.00191395	0.0900687	-11.1026	0.0670351	0.324832	-3.07851	0.00279377	0.104654	-9.55526	0.000459667	0.0487608	-20.5083	0.00867128	0.159998	-6.25008	9.58589	45.551	4.2239	1
cg02408311	OR51B5	1.44E-07	2.51E-08	0.0379423	-26.3558	0.0038004	0.538204	-1.85803	9.75E-06	0.220945	-4.52601	0.00761583	0.580095	-1.72386	0.176436	0.796072	-1.25617	0.0963844	0.748479	-1.33604	0.672509	0.934752	-1.0698	2.29E-08	0.0365432	-27.3649	1.44E-07	0.0728599	-13.725	119.974	47.8543	0.354554	1
cg20490724	OR51B5	5.34E-07	3.15E-07	0.097929	-10.2115	0.918867	1.01599	1.01599	0.000334311	0.406123	-2.46231	1.86E-06	0.15809	-6.32551	0.757052	0.952827	-1.04951	0.0778539	0.737022	-1.35681	0.000151632	2.75185	2.75185	1.20E-07	0.0720869	-13.8721	8.65E-06	0.22191	-4.50634	86.0296	33.0401	0.341382	1
cg19554569	OR51B5	0.0146619	0.00325206	0.0876803	-11.4051	0.0768877	0.303226	-3.29787	0.0486611	0.255148	-3.91929	0.0520047	0.261615	-3.82241	0.0562085	0.269389	-3.7121	0.0433958	0.244378	-4.09203	0.0435057	0.244611	-4.08813	0.00159657	0.06411	-15.5982	0.026588	0.203072	-4.92436	5.21986	30.4153	5.17941	1
cg07568203	OR51B5	0.0406966	0.0182165	0.173807	-5.75349	0.112916	0.348796	-2.867	0.0367204	0.227313	-4.39922	0.305182	1.91201	1.91201	0.0250479	0.196474	-5.08973	0.222482	0.457213	-2.18716	0.0547474	0.264483	-3.78096	0.0133383	0.153923	-6.49674	0.187043	0.425843	-2.34828	3.65976	21.5987	5.24592	1
cg12930930	OR51B6	4.29E-05	1.08E-05	0.0627187	-15.9442	0.144537	0.629544	-1.58845	0.000195002	0.157172	-6.36245	0.000415799	0.191407	-5.22446	0.0255693	0.456912	-2.1886	0.00017109	0.15167	-6.59326	0.00298352	0.300331	-3.32966	9.22E-06	0.0589944	-16.9508	0.000121694	0.137906	-7.25134	27.713	38.2647	1.22733	1
cg00423453	OR51B6	0.00194336	0.000472946	0.0595123	-16.8033	0.0787013	0.366627	-2.72757	0.00276749	0.11993	-8.3382	0.0805163	0.369323	-2.70765	0.0699779	0.353069	-2.8323	0.0356787	0.284726	-3.51215	0.00125408	0.0888308	-11.2574	0.000541866	0.063075	-15.8541	0.00439603	0.141689	-7.0577	9.7229	40.6594	3.71717	1
cg02850920	OR51D1	1.53E-06	4.79E-08	0.156273	-6.39907	0.0140703	0.743567	-1.34487	0.203676	1.14013	1.14013	0.200612	1.14126	1.14126	0.967234	1.00402	1.00402	0.201096	1.14108	1.14108	0.00059457	1.67904	1.67904	2.43E-06	0.326817	-3.05982	0.0413009	0.794472	-1.2587	65.8355	9.96272	0.134513	1
cg19350992	OR51D1	3.37E-05	1.64E-06	0.194083	-5.15244	0.733195	0.95449	-1.04768	0.000166346	0.417646	-2.39437	6.66E-05	0.369664	-2.70516	0.00025643	0.440671	-2.26927	0.940975	0.98997	-1.01013	0.0181153	0.676583	-1.47801	0.000237023	0.436469	-2.29111	0.00235702	0.561262	-1.7817	29.538	8.66944	0.26089	1
cg01003390	OR51D1	0.000717038	0.000105844	0.088209	-11.3367	0.916556	0.963508	-1.03787	0.00221651	0.218554	-4.57552	0.00131622	0.190495	-5.24948	0.00128939	0.189439	-5.27875	0.0964149	0.523372	-1.91069	0.00759075	0.295843	-3.38017	0.000746351	0.162811	-6.14211	0.00342872	0.244094	-4.09679	12.9235	25.7518	1.77122	1
cg05083067	OR51D1	0.0433786	0.012735	0.136158	-7.34441	0.0297282	0.192412	-5.19718	0.113666	0.329961	-3.03066	0.241408	0.453872	-2.20326	0.033891	0.202813	-4.93064	0.299815	0.50049	-1.99804	0.0165339	0.151645	-6.59433	0.0130643	0.137608	-7.26702	0.0850568	0.293289	-3.4096	3.57417	23.49	5.84191	1
cg16604126	OR51E1	4.00E-05	3.42E-05	0.122009	-8.19611	0.0540457	1.77443	1.77443	0.0130342	0.445825	-2.24303	0.000267589	0.20831	-4.80053	0.113014	0.636129	-1.57201	0.393807	0.795274	-1.25743	0.00169373	0.308444	-3.24208	4.27E-06	0.0617212	-16.2019	7.40E-05	0.15125	-6.61159	28.2412	30.7619	0.968228	1
cg06735218	OR51E1	4.36E-05	7.51E-06	0.0662481	-15.0948	0.692384	0.896236	-1.11578	4.24E-05	0.11706	-8.54263	0.0166298	0.446779	-2.23825	0.00338634	0.333622	-2.9974	0.188632	0.681306	-1.46777	0.291288	1.35215	1.35215	1.99E-05	0.0924731	-10.814	0.00018838	0.176341	-5.67082	27.6057	33.1862	1.06858	1
cg27183113	OR51E1	9.70E-05	4.30E-05	0.202247	-4.94444	0.000496672	0.326002	-3.06747	0.0110188	0.519012	-1.92674	0.000355098	0.307488	-3.25216	0.340765	1.22372	1.22372	0.66247	1.09453	1.09453	0.0111857	1.92288	1.92288	0.000135896	0.257126	-3.88914	0.000438894	0.319124	-3.13358	22.3234	14.9531	0.595415	1
cg23632744	OR51E1	0.000176643	0.000187686	0.28099	-3.55884	0.753405	0.938492	-1.06554	1.07E-05	0.150514	-6.64391	0.246967	0.783604	-1.27615	0.00333634	0.447222	-2.23602	0.0051529	0.475161	-2.10455	0.438423	1.17257	1.17257	0.00364774	0.452893	-2.20803	0.000367159	0.316855	-3.15602	18.9995	12.2092	0.571208	1
cg24412714	OR51E1	0.000470262	0.000101106	0.0828245	-12.0737	0.00322813	0.233939	-4.27462	0.00247294	0.218414	-4.57847	0.0309477	0.400154	-2.49904	0.000605257	0.147869	-6.76275	0.00357224	0.240035	-4.16606	0.00126741	0.182598	-5.47651	0.000166773	0.0984745	-10.1549	0.00955812	0.305302	-3.27545	14.5355	30.0901	1.8401	1
cg18438823	OR51E1	0.000581836	0.00033385	0.116875	-8.55612	0.00676649	0.27201	-3.67633	0.00512731	0.253761	-3.94072	0.0704682	0.472444	-2.11665	0.00136015	0.178251	-5.61005	0.291242	0.666183	-1.50109	0.000226231	0.10287	-9.72097	0.000166575	0.0927022	-10.7872	0.00281668	0.217371	-4.60043	13.7008	29.8494	1.93659	1
cg01320036	OR51E1;OR51E1	0.000427466	6.00E-05	0.140691	-7.10779	0.357782	0.778779	-1.28406	0.000620764	0.248495	-4.02423	0.00134152	0.291683	-3.42838	0.69341	1.11044	1.11044	0.588144	1.15552	1.15552	0.468366	1.21539	1.21539	0.000285803	0.208859	-4.78793	0.0212535	0.48091	-2.07939	14.9242	16.5217	0.984039	1
cg23606244	OR51E2	4.20E-05	1.11E-05	0.108693	-9.20025	0.0640526	0.61025	-1.63867	0.000264994	0.241327	-4.14376	0.00427208	0.403669	-2.47728	0.570406	0.872762	-1.14579	0.00246978	0.368303	-2.71516	0.0116942	0.473487	-2.11199	2.30E-06	0.0649208	-15.4034	0.000826936	0.302695	-3.30366	27.8832	24.8703	0.792839	1
cg18959827	OR51E2	0.00363905	0.00170041	0.150821	-6.63037	0.0301073	0.340804	-2.93424	0.00185113	0.154879	-6.45665	0.582393	0.791055	-1.26414	0.674613	0.836772	-1.19507	0.244215	0.597989	-1.67227	0.220506	1.72226	1.72226	0.00055196	0.104009	-9.61459	0.0467834	0.382617	-2.61358	8.07896	22.7911	2.50759	1
cg23392097	OR51E2	0.00437352	0.000714364	0.1543	-6.4809	0.0118521	0.319975	-3.12524	0.00631997	0.275335	-3.63194	0.173166	0.591135	-1.69166	0.870097	1.06116	1.06116	0.122754	0.545244	-1.83404	0.236367	1.56835	1.56835	0.00689439	0.281216	-3.55599	0.00424168	0.249507	-4.00791	7.6435	15.9254	1.85202	1
cg17650091	OR51E2	0.00459978	0.00311245	0.34592	-2.89084	0.661012	0.890621	-1.12281	0.021197	0.483206	-2.06951	0.420254	0.805607	-1.2413	0.647678	1.12838	1.12838	0.000715494	0.258659	-3.8661	0.306388	1.32046	1.32046	0.0280997	0.506185	-1.97556	0.00301863	0.343958	-2.90733	7.52744	8.21517	0.970102	1
cg25322008	OR51E2	0.0100353	0.00228043	0.132146	-7.5674	0.0813856	0.399992	-2.50005	0.0125736	0.229434	-4.35855	0.0278776	0.291521	-3.43028	0.0195491	0.262243	-3.81326	0.0546591	0.355603	-2.81213	0.0135897	0.234944	-4.25633	0.00208637	0.128149	-7.8034	0.0565536	0.359191	-2.78403	5.90396	21.0388	3.16755	1
cg19779605	OR51E2	0.0236455	0.00951807	0.115918	-8.62681	0.128105	0.339864	-2.94236	0.0439114	0.21887	-4.56893	0.0551458	0.240155	-4.16398	0.0126964	0.131065	-7.6298	0.118783	0.329269	-3.03703	0.0139927	0.136554	-7.32313	0.00598787	0.0947185	-10.5576	0.0418587	0.214641	-4.65894	4.44221	30.2836	6.05977	1
cg25918833	OR51E2;OR51E2	0.000380042	3.23E-05	0.150337	-6.65174	0.195836	1.37795	1.37795	0.00220869	0.365893	-2.73304	0.704688	1.09334	1.09334	0.11697	0.670902	-1.49053	0.325297	0.788166	-1.26877	0.514234	0.856396	-1.16768	7.04E-05	0.18272	-5.47287	0.0418013	0.57701	-1.73307	15.4161	13.4113	0.773294	1
cg14119936	OR51F1	1.90E-05	3.63E-06	0.0516114	-19.3756	0.916165	1.02918	1.02918	0.0001978	0.181175	-5.51953	6.09E-05	0.132376	-7.55422	0.000137222	0.16506	-6.05841	0.199554	0.690584	-1.44805	0.014407	0.438741	-2.27925	5.92E-06	0.0621658	-16.086	0.000153263	0.169839	-5.88792	34.334	40.5729	1.05041	1
cg23313445	OR51F1	0.00023412	0.00120757	0.236441	-4.22938	0.802883	0.926738	-1.07905	0.000421015	0.182649	-5.47498	0.000230907	0.155713	-6.42205	0.00176985	0.258091	-3.8746	0.204478	0.665426	-1.5028	0.000214271	0.152545	-6.55544	6.20E-05	0.105837	-9.44847	0.00190271	0.262323	-3.81209	17.6017	25.7973	1.30277	1
cg18499148	OR51F2	3.18E-07	8.36E-09	0.051508	-19.4145	0.0481879	0.753817	-1.32658	4.11E-07	0.164507	-6.07878	0.553764	1.07785	1.07785	9.77E-05	0.420365	-2.37889	0.000128365	0.434576	-2.30109	3.72E-05	0.370759	-2.69717	5.97E-05	0.394912	-2.53221	4.70E-06	0.269149	-3.71542	98.1357	24.3467	0.220527	1
cg20490751	OR51F2	6.14E-05	0.000139575	0.16113	-6.20616	0.0016637	0.287007	-3.48423	0.0963961	0.60257	-1.65956	0.145032	0.647727	-1.54386	0.797634	0.931183	-1.0739	0.041137	0.520052	-1.92288	0.940476	1.02094	1.02094	2.38E-06	0.0414127	-24.1472	5.13E-05	0.122007	-8.19623	25.2087	30.742	1.084	1
cg18352935	OR51F2	0.000214336	5.15E-05	0.0431909	-23.153	0.0164434	0.296546	-3.37216	0.00417609	0.203613	-4.91127	0.0125966	0.276272	-3.61962	0.000160461	0.0690187	-14.4888	0.000298722	0.0871566	-11.4736	0.308155	1.54864	1.54864	0.000200381	0.0751531	-13.3062	0.00530108	0.2179	-4.58926	18.0293	49.0928	2.4204	1
cg24742649	OR51G1	1.40E-07	3.57E-08	0.188767	-5.29753	0.0608415	1.19572	1.19572	?	?	?	0.14904	1.13984	1.13984	0.23552	1.11089	1.11089	0.00465602	0.727357	-1.37484	0.000150395	1.73415	1.73415	6.40E-06	0.426819	-2.34291	3.63E-08	0.189337	-5.28159	124.047	12.4951	0.100729	1
cg13917863	OR51G1	3.72E-06	4.41E-07	0.0318736	-31.3739	0.516823	1.17178	1.17178	5.07E-05	0.160122	-6.24525	1.72E-05	0.119302	-8.3821	0.0680089	0.610821	-1.63714	0.091602	0.638887	-1.56522	0.000664469	0.284553	-3.51429	9.82E-07	0.0447668	-22.338	6.60E-05	0.171174	-5.84202	52.3669	48.246	0.81894	1
cg22968167	OR51G1	2.18E-05	4.50E-06	0.0402662	-24.8347	0.0482773	0.502891	-1.9885	0.000339344	0.172299	-5.80388	0.000912731	0.220908	-4.52676	0.0232659	0.437787	-2.28421	0.0363098	0.476498	-2.09864	3.02E-05	0.0832715	-12.0089	4.15E-06	0.0388848	-25.717	8.75E-05	0.117392	-8.51847	33.1191	48.6597	1.30599	1
cg05004506	OR51G1	3.94E-05	6.92E-06	0.110295	-9.06663	0.21744	1.33268	1.33268	5.51E-05	0.189881	-5.26645	0.00153271	0.364515	-2.74337	0.886349	0.968843	-1.03216	0.00154832	0.365128	-2.73876	0.0236637	1.81828	1.81828	0.000134849	0.231464	-4.32032	0.000287887	0.269917	-3.70484	28.3552	21.9989	0.689631	1
cg02873384	OR51G2	0.000212993	3.67E-05	0.14281	-7.00229	0.0331443	0.543261	-1.84074	0.00155363	0.328058	-3.04824	0.00136084	0.32013	-3.12373	0.0397237	0.558465	-1.79062	0.000714679	0.283025	-3.53325	0.000398078	0.251357	-3.9784	6.99E-05	0.168861	-5.92202	0.00222093	0.349949	-2.85756	18.0601	17.167	0.844931	1
cg07309576	OR51I1	9.67E-08	2.07E-08	0.0574298	-17.4126	4.88E-06	0.243793	-4.10183	4.80E-06	0.243085	-4.11379	9.34E-06	0.274137	-3.64781	0.47723	1.10268	1.10268	1.71E-06	0.197915	-5.05268	6.24E-08	0.0834657	-11.981	3.83E-07	0.139783	-7.15395	1.89E-07	0.115814	-8.63453	132.713	38.4493	0.257526	1
cg04874562	OR51I1	1.05E-05	1.39E-06	0.0936255	-10.6809	0.0184032	0.576904	-1.73339	3.97E-05	0.220703	-4.53097	9.98E-05	0.265094	-3.77225	0.000681291	0.368481	-2.71385	0.000418284	0.340952	-2.93297	0.981912	0.995649	-1.00437	4.21E-06	0.12916	-7.74235	5.33E-05	0.234463	-4.26507	40.0368	23.4565	0.520777	1
cg24803687	OR51I1	0.0187496	0.0160237	0.0977427	-10.2309	0.0312884	0.136295	-7.33704	0.0206994	0.111101	-9.00079	0.0939707	0.233962	-4.27419	0.0209324	0.111722	-8.95078	0.0406323	0.154952	-6.4536	0.0074337	0.0659142	-15.1712	0.00525654	0.0548481	-18.2322	0.0396793	0.15316	-6.52913	4.80857	47.385	8.75936	1
cg01343192	OR51I2	8.66E-06	1.04E-05	0.118202	-8.46012	0.333707	1.25323	1.25323	0.000111406	0.214735	-4.6569	5.18E-05	0.180162	-5.55056	0.478538	0.849505	-1.17716	1.79E-05	0.137424	-7.27677	0.0340653	1.75062	1.75062	4.46E-06	0.0916026	-10.9167	4.14E-05	0.170631	-5.86061	42.1148	34.1834	0.721486	1
cg12687069	OR51I2	0.00114684	0.00650852	0.281232	-3.55578	0.000450713	0.137473	-7.27413	0.00139267	0.189834	-5.26777	0.0180668	0.356941	-2.80158	0.00555906	0.270712	-3.69396	0.763495	0.897399	-1.11433	0.420293	1.34363	1.34363	0.000617823	0.150981	-6.62335	0.00188281	0.205802	-4.85903	11.3171	23.0661	1.8117	1
cg11640920	OR51I2	0.0069062	0.000875428	0.11286	-8.86056	0.964209	0.980576	-1.01981	0.0910404	0.443203	-2.2563	0.0028022	0.165236	-6.05193	0.826964	0.908735	-1.10043	0.86575	1.07677	1.07677	0.458115	1.39136	1.39136	0.0187744	0.288023	-3.47195	0.00768127	0.223675	-4.47078	6.64299	20.1053	2.69026	1
cg26217318	OR51I2	0.0291319	0.022102	0.247626	-4.03835	0.298586	0.578098	-1.72981	0.10225	0.402694	-2.48327	0.45565	0.679448	-1.47178	0.781341	0.86803	-1.15203	0.410951	0.652043	-1.53364	0.517188	1.39655	1.39655	0.00145476	0.0964097	-10.3724	0.0202213	0.240661	-4.15522	4.1296	16.9201	3.64203	1
cg19968009	OR51I2	0.033256	0.110209	0.580545	-1.72252	0.37756	1.32687	1.32687	0.012426	0.378387	-2.6428	0.93688	1.02505	1.02505	0.845911	1.06266	1.06266	0.893895	0.959172	-1.04257	0.102064	1.74887	1.74887	0.163361	0.628322	-1.59154	0.00493001	0.312438	-3.20063	3.9391	6.08741	1.37367	1
cg23434090	OR51L1	3.73E-05	1.07E-05	0.0638437	-15.6633	0.00179823	0.272334	-3.67197	0.000490546	0.202006	-4.95034	8.01E-05	0.124175	-8.05315	0.00327115	0.309056	-3.23566	0.000604753	0.212497	-4.70595	0.909972	0.967411	-1.03369	6.79E-06	0.0536628	-18.6349	0.000273281	0.174352	-5.73551	28.7652	39.0876	1.20787	1
cg02965895	OR51L1	4.89E-05	9.26E-06	0.0442523	-22.5977	0.15258	0.607367	-1.64645	0.00280115	0.261744	-3.82053	0.000298661	0.147318	-6.78802	0.00444128	0.290745	-3.43944	8.64E-05	0.100982	-9.90273	0.663851	1.15293	1.15293	1.45E-05	0.0531551	-18.8129	0.000468496	0.167033	-5.98685	26.7796	44.919	1.49099	1
cg06866232	OR51L1	6.07E-05	4.61E-06	0.0933495	-10.7124	0.000265271	0.258987	-3.8612	0.00431835	0.42293	-2.36446	0.000134152	0.224831	-4.44779	0.0175341	0.520989	-1.91943	0.0235435	0.54333	-1.8405	0.0048287	0.430315	-2.32388	2.35E-05	0.148802	-6.72033	0.00115335	0.340546	-2.93646	25.2932	20.3805	0.716241	1
cg27093637	OR51M1	0.00013993	3.12E-05	0.0488386	-20.4756	0.36404	0.707028	-1.41437	0.00108046	0.16634	-6.01177	0.00148826	0.182152	-5.48992	0.00121793	0.172139	-5.80925	0.00109902	0.167157	-5.9824	0.00170361	0.189123	-5.28756	2.68E-05	0.0458344	-21.8177	0.000905055	0.15801	-6.32872	20.2321	44.2639	1.94472	1
cg00481637	OR51M1	0.0272211	0.0464965	0.271238	-3.6868	0.05555	0.288938	-3.46095	0.0171265	0.189629	-5.27344	0.0403917	0.258003	-3.87592	0.0796052	0.328471	-3.04441	0.283099	0.528253	-1.89303	0.0159265	0.184675	-5.4149	0.00435275	0.113041	-8.84631	0.0216118	0.206298	-4.84737	4.22954	21.9338	4.60965	1
cg18450930	OR51Q1	2.33E-06	6.36E-07	0.0576882	-17.3346	0.89534	1.02794	1.02794	1.20E-05	0.144024	-6.94327	2.84E-06	0.0957482	-10.4441	0.0019669	0.400204	-2.49873	6.03E-05	0.211899	-4.71922	0.0363478	1.66424	1.66424	3.30E-06	0.100214	-9.9786	2.50E-05	0.173252	-5.77194	59.0896	41.0125	0.616954	1
cg19186806	OR51Q1	4.67E-06	0.00038503	0.345518	-2.89421	0.178179	1.30783	1.30783	1.28E-05	0.179024	-5.58583	0.000665176	0.376294	-2.6575	8.63E-07	0.0856837	-11.6708	2.03E-06	0.111124	-8.99893	0.0731323	1.45487	1.45487	0.0107332	0.548028	-1.82472	4.46E-05	0.234533	-4.2638	49.3891	27.5266	0.495415	1
cg20686554	OR51Q1	1.51E-05	0.198386	1.23863	1.23863	0.000125282	2.8634	2.8634	0.000196384	0.373193	-2.67958	0.000515195	0.426014	-2.34734	1.27E-05	0.23548	-4.24665	3.09E-05	0.277895	-3.59848	0.000366143	0.407103	-2.45638	0.0126406	1.62919	1.62919	0.0155015	0.626584	-1.59595	36.4653	14.3155	0.34896	1
cg05975928	OR51Q1	0.00532812	0.791447	0.888748	-1.12518	0.00218478	0.147692	-6.77086	0.335593	0.642821	-1.55564	0.0120529	0.248251	-4.02819	0.796479	1.12189	1.12189	0.000976617	0.112735	-8.87038	0.329928	1.56428	1.56428	0.0174533	0.275889	-3.62465	0.0089969	0.228067	-4.38467	7.19731	22.5755	2.78814	1
cg12812834	OR51S1	6.81E-06	4.88E-07	0.0753323	-13.2745	0.239732	0.797942	-1.25322	0.000339467	0.346954	-2.88223	0.669499	0.924292	-1.08191	0.0945892	1.40059	1.40059	0.139574	0.747141	-1.33844	0.0598504	1.47599	1.47599	5.62E-06	0.152957	-6.53779	2.34E-05	0.212448	-4.70704	44.8096	23.8586	0.473284	1
cg15781504	OR51S1	3.77E-05	7.50E-06	0.0577378	-17.3197	0.00109431	0.248113	-4.03042	0.000531695	0.209936	-4.76336	0.0003464	0.189039	-5.28991	0.00481007	0.338677	-2.95266	0.0353876	0.492132	-2.03197	6.17E-05	0.117831	-8.48676	6.73E-06	0.0553898	-18.0539	0.000739324	0.226905	-4.40713	28.673	38.0359	1.17915	1
cg11042501	OR51S1	6.07E-05	2.12E-05	0.119685	-8.35525	3.14E-05	0.133671	-7.48103	7.48E-05	0.168192	-5.9456	0.00330961	0.370911	-2.69607	0.00489587	0.396743	-2.52052	0.00140094	0.317528	-3.14933	0.529748	1.17095	1.17095	0.000431402	0.251459	-3.97679	0.000107067	0.183737	-5.44257	25.2839	24.6115	0.865247	1
cg20867746	OR51S1	0.000105411	8.34E-06	0.0851971	-11.7375	0.109153	0.642202	-1.55714	0.00043863	0.244624	-4.08791	0.00485564	0.388006	-2.57728	0.690536	1.10677	1.10677	0.586542	0.870046	-1.14936	0.80253	0.938456	-1.06558	2.08E-05	0.113452	-8.81433	0.0131236	0.458517	-2.18094	21.8305	22.2186	0.90469	1
cg19250571	OR51S1	0.00252371	0.00218614	0.192001	-5.2083	0.213257	0.604509	-1.65423	0.0037576	0.222652	-4.49132	0.353421	1.44291	1.44291	0.500088	0.768846	-1.30065	0.00863915	0.276449	-3.61731	0.000783898	0.142258	-7.0295	0.00216638	0.191514	-5.22154	0.00695466	0.261596	-3.82269	9.00698	21.0367	2.07609	1
cg06675455	OR51T1	5.36E-06	1.19E-05	0.220666	-4.53173	0.00887105	0.58088	-1.72153	1.03E-05	0.214454	-4.663	2.83E-05	0.261079	-3.83026	0.0202375	0.633404	-1.57877	0.0123662	0.601746	-1.66183	0.25152	0.822521	-1.21577	6.34E-07	0.108231	-9.23954	3.83E-06	0.172485	-5.7976	47.664	20.0798	0.37447	1
cg06977987	OR51T1	1.23E-05	4.58E-06	0.132462	-7.54932	0.862067	1.03397	1.03397	0.000155631	0.288178	-3.47008	0.0145787	0.561031	-1.78243	0.0180751	0.575994	-1.73613	0.224649	0.782673	-1.27767	0.000131068	0.279313	-3.58021	7.13E-07	0.075807	-13.1914	0.000279663	0.319273	-3.13212	38.4335	22.467	0.519616	1
cg19138905	OR51T1	6.83E-05	3.65E-05	0.0908	-11.0132	0.683163	0.883495	-1.13187	0.00215364	0.272411	-3.67092	0.00049382	0.192707	-5.18922	0.0514145	0.512002	-1.95312	0.0594133	0.526074	-1.90087	0.475706	1.24474	1.24474	5.46E-06	0.0449227	-22.2605	0.000163278	0.143524	-6.96749	24.5106	35.3698	1.2827	1
cg24166463	OR51T1	0.00955362	0.00181219	0.0700375	-14.2781	0.295937	0.522188	-1.91502	0.0208116	0.188636	-5.30122	0.0230077	0.19592	-5.10413	0.0214185	0.190697	-5.24391	0.088493	0.324127	-3.08521	0.00371422	0.0953815	-10.4842	0.0065801	0.120564	-8.29434	0.0187724	0.181405	-5.51253	5.99743	34.1374	5.05956	1
cg16698575	OR51V1	3.32E-07	3.04E-08	0.0657425	-15.2109	0.93155	1.01169	1.01169	2.93E-05	0.330012	-3.03019	0.692267	1.0553	1.0553	0.949166	1.00866	1.00866	0.00380585	0.589728	-1.6957	0.994462	1.00094	1.00094	1.05E-07	0.0979144	-10.213	9.14E-07	0.172211	-5.80684	97.0786	28.1511	0.257762	1
cg25310592	OR52A1	0.000943261	0.000229156	0.0968878	-10.3212	0.0821506	0.479742	-2.08445	0.0415047	0.407987	-2.45106	0.0841411	0.482493	-2.07257	0.0340737	0.389335	-2.56848	0.00343602	0.219653	-4.55264	0.000838207	0.147131	-6.79665	0.000143152	0.0820926	-12.1814	0.00325578	0.216501	-4.61891	11.9628	27.5584	2.0477	1
cg12593634	OR52A4	2.15E-05	2.64E-06	0.0820477	-12.188	0.00847367	0.475967	-2.10099	0.000108052	0.221427	-4.51616	0.00026293	0.265854	-3.76147	0.000285117	0.270096	-3.70239	0.0120836	0.500955	-1.99619	0.00411283	0.427322	-2.34016	3.11E-06	0.0866361	-11.5425	0.000674796	0.317158	-3.153	33.2312	25.6819	0.686957	1
cg02211735	OR52A4	5.97E-05	1.46E-05	0.0892643	-11.2027	0.0439901	0.537477	-1.86054	0.00040484	0.221324	-4.51827	0.0192101	0.467718	-2.13804	0.000644214	0.245475	-4.07374	0.00713097	0.393687	-2.54009	0.00050883	0.233034	-4.29121	5.87E-06	0.0651389	-15.3518	0.00038769	0.219144	-4.5632	25.396	28.9411	1.01297	1
cg26365623	OR52A4	0.0117727	0.00171691	0.061501	-16.2599	0.58164	0.706949	-1.41453	0.0373463	0.22184	-4.50776	0.0215415	0.179016	-5.5861	0.0110188	0.137064	-7.29585	0.365514	0.560232	-1.78498	0.022798	0.183043	-5.46321	0.00347486	0.0844378	-11.843	0.0639389	0.27318	-3.66058	5.60815	34.4936	5.46722	1
cg05105138	OR52A5	0.00795096	0.0128814	0.245419	-4.07466	0.0055847	0.190965	-5.23656	0.00304006	0.157669	-6.3424	0.831716	0.90773	-1.10165	0.031296	0.316851	-3.15606	0.232192	0.565526	-1.76827	0.00414256	0.174001	-5.7471	0.0141733	0.252374	-3.96237	0.00673263	0.202216	-4.94521	6.35643	20.8348	2.91355	1
cg21966764	OR52B2	0.000231196	3.08E-05	0.0787087	-12.7051	0.0109557	0.36887	-2.71098	0.000921874	0.213056	-4.6936	0.00637199	0.329866	-3.03153	0.0152069	0.394032	-2.53786	0.0556515	0.507937	-1.96875	0.000415204	0.173856	-5.75187	4.68E-05	0.0908065	-11.0124	0.00310392	0.282576	-3.53887	17.662	27.2946	1.37368	1
cg20709280	OR52B2	0.000849803	0.000407537	0.12961	-7.71544	0.0189985	0.355906	-2.80973	0.0171482	0.347587	-2.87698	0.00499521	0.258839	-3.86341	0.000267644	0.113495	-8.81093	0.185151	0.599777	-1.66729	0.26372	0.654537	-1.5278	0.000198345	0.102884	-9.71971	0.0021043	0.207337	-4.82306	12.3207	25.8233	1.86305	1
cg16309319	OR52B2	0.00102942	0.000393628	0.0982777	-10.1752	0.576418	0.793031	-1.26098	0.00105735	0.136711	-7.31469	0.0154682	0.295059	-3.38915	0.0244621	0.332404	-3.00839	0.00984016	0.261686	-3.82137	0.260354	0.617306	-1.61994	0.000144186	0.0678455	-14.7394	0.0018575	0.162874	-6.13973	11.6701	31.2049	2.37681	1
cg20213166	OR52B2	0.00269332	0.00206903	0.0479616	-20.85	0.00116419	0.0354656	-28.1963	0.021344	0.144118	-6.93874	0.908226	0.922422	-1.0841	0.00166458	0.042863	-23.3301	0.313064	0.48158	-2.0765	0.00361753	0.0634357	-15.764	0.00247993	0.0525859	-19.0165	0.0134618	0.117362	-8.52067	8.83585	68.6209	6.90328	1
cg05005432	OR52B2	0.0066868	0.00140714	0.0849876	-11.7664	0.0658832	0.332807	-3.00474	0.013809	0.197413	-5.06552	0.183332	0.471109	-2.12265	0.0068234	0.154363	-6.47822	0.932375	0.955761	-1.04629	0.00442484	0.131985	-7.57664	0.0101286	0.177391	-5.63727	0.00648631	0.151597	-6.59644	6.71007	30.2063	4.00146	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27128011	OR52B4	0.0276536	0.0166804	0.118198	-8.46036	0.0588989	0.210392	-4.75303	0.0358509	0.167941	-5.95445	0.174034	0.347614	-2.87675	0.00497056	0.0660626	-15.1372
cg04163147	OR52B4;OR52B4	0.002194	0.000993397	0.0809428	-12.3544	0.00916128	0.182504	-5.47933	0.00214923	0.109147	-9.16196	0.91222	1.05831	1.05831	0.000655692	0.0683002	-14.6412
cg00294684	OR52B6	6.31E-09	1.57E-09	0.048528	-20.6067	0.00952255	0.712036	-1.40442	5.37E-06	0.344554	-2.9023	0.979862	0.997393	-1.00261	0.00408383	1.48964	1.48964
cg04054951	OR52B6	7.47E-07	2.29E-07	0.162761	-6.14399	0.0299834	1.34728	1.34728	0.175156	0.84506	-1.18335	3.15E-06	0.274999	-3.63637	1.73E-06	0.247443	-4.04134
cg08010020	OR52B6	1.25E-05	0.00222063	0.57184	-1.74874	0.0860562	0.78087	-1.28062	0.0198763	0.693089	-1.44282	7.17E-07	0.173863	-5.75164	0.810143	1.03188	1.03188
cg14486463	OR52B6	0.0027138	0.659635	0.815377	-1.22643	0.593831	1.28131	1.28131	0.00119777	0.112373	-8.89892	0.965602	1.02006	1.02006	0.265431	0.585992	-1.70651
cg06879560	OR52B6	0.0227476	0.275492	0.820385	-1.21894	0.270507	0.818552	-1.22167	0.714297	0.937849	-1.06627	0.87236	0.972331	-1.02846	0.242879	1.23772	1.23772
cg04956485	OR52D1	1.25E-05	2.18E-06	0.0482449	-20.7276	0.314711	1.31209	1.31209	0.000180261	0.190859	-5.23946	0.0141905	0.453612	-2.20453	0.45282	1.22117	1.22117
cg12860254	OR52D1	0.0001252	0.000110144	0.131937	-7.57937	0.00735307	0.357701	-2.79563	0.000500622	0.197924	-5.05245	0.0530061	0.519799	-1.92382	0.630282	1.15525	1.15525
cg26922007	OR52E2	4.49E-08	6.27E-09	0.0560804	-17.8315	0.00189876	1.67508	1.67508	1.49E-05	0.348632	-2.86835	2.45E-06	0.261866	-3.81874	0.416636	0.907268	-1.10221
cg02898036	OR52E2	0.000649601	6.54E-05	0.0406267	-24.6143	0.00447342	0.19069	-5.24412	0.00669718	0.214932	-4.65263	0.00121678	0.126231	-7.92201	0.55339	0.769447	-1.29964
cg05694052	OR52E4	0.000491595	7.68E-05	0.0736343	-13.5806	0.0365721	0.412914	-2.42181	0.00311017	0.229338	-4.36038	0.761146	1.1174	1.1174	0.0506849	0.444546	-2.24949
cg06484232	OR52E4	0.0277532	0.0392964	0.162261	-6.16292	0.147364	0.305552	-3.27277	0.161932	0.320181	-3.12323	0.961944	0.964268	-1.03706	0.746087	0.780542	-1.28116
cg04524177	OR52E6	0.000325386	0.00293598	0.485845	-2.05827	0.677518	1.07669	1.07669	0.0109466	0.56879	-1.75812	0.0335191	0.644776	-1.55093	0.0532672	0.67842	-1.47401
cg22957613	OR52E8	0.000149121	0.000217046	0.157399	-6.35327	0.344213	1.33911	1.33911	0.0403229	0.491701	-2.03376	0.0190244	0.427054	-2.34163	6.24E-05	0.10958	-9.12578
cg07833852	OR52E8	0.000725298	0.00215238	0.149121	-6.70595	0.35015	1.52921	1.52921	0.0259107	0.310999	-3.21544	0.0659725	0.402097	-2.48696	0.000405828	0.0835551	-11.9682
cg26762873	OR52E8	0.00166445	0.0428606	0.339975	-2.94139	0.105731	0.441317	-2.26594	0.00065285	0.0890302	-11.2321	0.651905	0.810414	-1.23394	0.0147803	0.249443	-4.00893
cg25100880	OR52E8	0.0140172	0.0046442	0.119763	-8.34984	0.0309594	0.239831	-4.1696	0.102351	0.365083	-2.7391	0.054758	0.292881	-3.41435	0.0848671	0.34162	-2.92723
cg07507114	OR52H1	7.51E-06	7.20E-06	0.0856679	-11.673	0.00116967	0.306755	-3.25993	0.00192321	0.336554	-2.97129	0.956653	0.98661	-1.01357	8.00E-05	0.170916	-5.85084
cg15149117	OR52H1	0.0020776	0.000505752	0.222118	-4.5021	0.0114967	0.416799	-2.39924	0.00706438	0.381463	-2.62148	0.00765869	0.38718	-2.58278	0.141948	0.645915	-1.54819
cg24561952	OR52H1	0.0230863	0.0064108	0.154785	-6.46056	0.0767964	0.355097	-2.81613	0.318733	0.581512	-1.71965	0.0580659	0.324013	-3.08629	0.0391259	0.2848	-3.51124
cg03067903	OR52I2	3.49E-05	9.65E-06	0.0942763	-10.6071	0.798126	0.938441	-1.0656	0.0169422	0.485781	-2.05854	0.708649	1.09752	1.09752	1.85E-05	0.115068	-8.69053
cg03828557	OR52I2	0.0100519	0.00639695	0.155748	-6.42063	0.00975334	0.180307	-5.54609	0.0854349	0.369155	-2.70889	0.0159627	0.213009	-4.69464	0.00194742	0.100595	-9.94087
cg20576955	OR52I2	0.0210973	0.034213	0.216943	-4.6095	0.00424316	0.0937584	-10.6657	0.334899	0.540622	-1.84972	0.477952	1.56235	1.56235	0.0121721	0.144805	-6.90582
cg26582457	OR52J3	2.32E-05	6.55E-07	0.0475843	-21.0154	0.290962	0.782047	-1.2787	0.00308018	0.402988	-2.48146	0.583642	1.13221	1.13221	0.404177	0.825729	-1.21105
cg23053374	OR52J3	0.000336057	7.78E-05	0.0763675	-13.0946	0.273482	0.663704	-1.5067	0.032673	0.406942	-2.45736	0.00419826	0.251747	-3.97224	0.961349	1.01758	1.01758
cg17603909	OR52K1	0.000271881	0.330194	0.739985	-1.35138	0.000150141	0.142146	-7.03502	0.000627956	0.206919	-4.83282	0.000221935	0.158367	-6.31444	0.00445965	0.320873	-3.1165
cg06870124	OR52K1	0.011051	0.207386	0.361244	-2.76822	0.0109482	0.0866862	-11.5359	0.383619	0.504497	-1.98217	0.419526	0.531708	-1.88073	0.802814	0.825625	-1.2112
cg05117324	OR52K2	0.00562791	0.0307282	0.291673	-3.42849	0.000348436	0.0612964	-16.3142	0.114554	0.434629	-2.30081	0.35567	0.630477	-1.5861	0.0187953	0.251059	-3.98312
cg10298507	OR52K2	0.00574913	0.00181358	0.0925334	-10.8069	0.0457387	0.292475	-3.4191	0.02361	0.234395	-4.2663	0.997745	1.00152	1.00152	0.0110888	0.180956	-5.52622
cg12250761	OR52K2	0.00697251	0.00266953	0.0750174	-13.3302	0.0281966	0.19866	-5.03373	0.0332298	0.211774	-4.72201	0.0260684	0.192667	-5.1903	0.00542342	0.102074	-9.79677
cg16712155	OR52L1	0.0251891	0.00243225	0.0407958	-24.5123	0.689985	0.737897	-1.3552	0.0362254	0.157841	-6.33549	0.914008	1.08533	1.08533	0.091246	0.244124	-4.09628
cg27480913	OR52L1	0.0292611	0.0322677	0.168336	-5.94051	0.0218481	0.141511	-7.06657	0.134676	0.317863	-3.14601	0.111725	0.292018	-3.42444	0.0208694	0.138635	-7.21317
cg06519367	OR52L1;OR52L1	4.35E-05	0.00205678	0.318256	-3.14213	0.177352	0.685197	-1.45944	0.00168043	0.305986	-3.26813	0.000706344	0.256383	-3.90042	5.07E-06	0.0647386	-15.4467
cg08325124	OR52M1	2.19E-05	3.89E-06	0.0578234	-17.294	0.141162	0.657382	-1.52119	0.000144289	0.176305	-5.67197	3.49E-05	0.120032	-8.3311	0.0959728	0.615928	-1.62357
cg10596956	OR52M1	0.000209527	0.000140329	0.107704	-9.28474	0.00110133	0.195743	-5.10873	0.00207978	0.230144	-4.34511	0.00411768	0.271326	-3.6856	0.226976	1.53723	1.53723
cg11788486	OR52M1	0.00702408	0.00244308	0.0748379	-13.3622	0.133999	0.370266	-2.70076	0.0284312	0.203918	-4.90393	0.0639355	0.277993	-3.59721	0.0179887	0.170815	-5.85429
cg03316101	OR52M1	0.0127597	0.0122575	0.158844	-6.29547	0.00365183	0.0984285	-10.1597	0.0510139	0.269644	-3.7086	0.449686	0.634926	-1.57499	0.00806601	0.135191	-7.39695
cg10440696	OR52N1	1.24E-07	5.82E-08	0.0803373	-12.4475	9.94E-06	0.274748	-3.6397	1.00E-06	0.174045	-5.74564	0.0022626	0.558992	-1.78893	0.251013	1.17736	1.17736
cg03045231	OR52N1	0.00732481	0.00118043	0.0889487	-11.2424	0.440635	0.670367	-1.49172	0.0422096	0.304171	-3.28762	0.00730743	0.172202	-5.80714	0.468822	1.45474	1.45474
cg05703009	OR52N2	0.00524606	0.00173153	0.122106	-8.1896	0.0247264	0.284157	-3.51918	0.0383523	0.323261	-3.09347	0.0126484	0.232547	-4.3002	0.00595956	0.184156	-5.43017
cg03895540	OR52N2	0.0083587	0.00126071	0.0595112	-16.8036	0.632908	1.33433	1.33433	0.0409713	0.243222	-4.11147	0.687241	0.784597	-1.27454	0.45551	0.634082	-1.57708
cg00079898	OR52N5	6.09E-07	7.52E-08	0.0469699	-21.2902	0.000805867	0.422095	-2.36913	6.28E-05	0.284423	-3.5159	7.07E-05	0.290414	-3.44336	0.730058	1.06087	1.06087
cg19445457	OR52N5	0.000107383	0.000508747	0.52842	-1.89243	0.000831996	1.80571	1.80571	0.300508	0.881594	-1.13431	0.880969	1.01776	1.01776	0.990527	0.998606	-1.0014
cg19751990	OR52N5	0.0191413	0.0201794	0.103207	-9.68922	0.00159685	0.0254483	-39.2954	0.16201	0.298117	-3.35439	0.789193	1.2426	1.2426	0.335361	0.446965	-2.23731
cg24652956	OR52R1	5.07E-08	9.20E-09	0.0570926	-17.5154	8.42E-06	0.305261	-3.27589	1.31E-06	0.219302	-4.55993	3.92E-05	0.381885	-2.61859	2.29E-06	0.24409	-4.09684
cg09315775	OR52R1	8.37E-07	8.59E-08	0.0388917	-25.7124	0.391872	1.17537	1.17537	4.81E-06	0.145792	-6.85908	0.000151212	0.30183	-3.31313	0.0153246	0.577941	-1.73028
cg15889462	OR52R1	6.50E-05	1.01E-05	0.066052	-15.1396	0.316899	0.74306	-1.34579	0.00027784	0.181337	-5.51459	0.0212456	0.45165	-2.2141	0.188493	0.670364	-1.49173
cg01008164	OR52R1	0.00128727	0.000536119	0.0880562	-11.3564	0.0341806	0.327983	-3.04894	0.00377728	0.171567	-5.82863	0.00275432	0.155165	-6.44475	0.101113	0.444934	-2.24753
cg23771585	OR52W1	0.000290863	0.000139748	0.153661	-6.50784	0.000301871	0.187768	-5.32855	0.0074114	0.374462	-2.6705	0.00149259	0.271427	-3.68423	0.134257	0.63139	-1.58381
cg08050940	OR52W1	0.000526278	0.0205046	0.704851	-1.41874	0.0870688	0.7892	-1.26711	0.000285705	0.476057	-2.10059	0.0508158	0.756708	-1.32151	0.000554088	0.510939	-1.95718
cg16209873	OR52W1	0.00178604	0.00033933	0.13355	-7.48781	0.0716326	0.495888	-2.01658	0.00321345	0.246045	-4.06429	0.00649774	0.291279	-3.43314	0.0595257	0.476355	-2.09928
cg12248883	OR52W1	0.00276634	0.000676882	0.111657	-8.95602	0.686918	1.18643	1.18643	0.00297191	0.179062	-5.58466	0.879746	1.06596	1.06596	0.00774358	0.236184	-4.23399
cg17205488	OR52W1	0.0248735	0.807573	1.12922	1.12922	0.124104	2.29179	2.29179	0.0184379	0.240804	-4.15275	0.0192356	0.244043	-4.09763	0.857517	1.09363	1.09363
cg01242426	OR56A1	6.55E-06	9.20E-07	0.117122	-8.53809	0.00810922	0.571408	-1.75006	0.000336501	0.385041	-2.59713	0.000207883	0.358794	-2.78711	1.06E-05	0.211464	-4.72894
cg18512262	OR56A1	0.0440087	0.00607001	0.113032	-8.84706	0.571929	0.706444	-1.41554	0.0154903	0.164174	-6.09111	0.0960673	0.328903	-3.04041	0.34038	0.55001	-1.81815
cg12415917	OR56A1;OR56A1	0.00317644	0.000553177	0.0597716	-16.7304	0.0305941	0.280141	-3.56963	0.00373112	0.134191	-7.45204	0.00655694	0.165496	-6.04245	0.0163023	0.227443	-4.39672
cg25451456	OR56A3	9.70E-07	1.69E-07	0.0434418	-23.0193	9.03E-05	0.256951	-3.89179	1.42E-05	0.172883	-5.78427	0.00117584	0.396931	-2.51933	1.40E-05	0.172351	-5.8021
cg07041214	OR56A3	4.47E-05	1.24E-05	0.0760821	-13.1437	0.0391581	0.513103	-1.94893	0.0011165	0.261294	-3.82711	0.000932715	0.251269	-3.97981	0.000139375	0.158885	-6.29384
cg01866345	OR56A4	3.13E-06	6.12E-07	0.0970238	-10.3067	0.0197901	1.61498	1.61498	3.77E-05	0.259762	-3.84968	0.000241757	0.355471	-2.81317	0.130512	0.757179	-1.32069
cg12656312	OR56A4	0.00279561	0.000296418	0.0763614	-13.0956	0.491137	0.73688	-1.35707	0.121795	0.480805	-2.07984	0.0134589	0.262921	-3.80342	0.161983	0.521033	-1.91926
cg24949579	OR56A4	0.0223874	0.0661143	0.198506	-5.03763	0.0143307	0.0936339	-10.6799	0.0319303	0.139204	-7.18372	0.122599	0.269205	-3.71464	0.0149187	0.0955444	-10.4663
cg04058498	OR56A4	0.0453435	0.00807155	0.146819	-6.81111	0.0156126	0.187053	-5.34609	0.0630015	0.306474	-3.26291	0.27299	0.524602	-1.90621	0.0343441	0.247633	-4.03824
cg25798460	OR56A5	0.0089214	0.00218311	0.164058	-6.09541	0.820576	0.908891	-1.10024	0.0428705	0.375289	-2.66462	0.0342692	0.353945	-2.8253	0.0164552	0.291535	-3.43012
cg10917952	OR56A5	0.0377805	0.0116188	0.104517	-9.5678	0.10037	0.275643	-3.62788	0.0698608	0.234283	-4.26834	0.0813569	0.250795	-3.98732	0.0150943	0.117908	-8.48122
cg11493509	OR56A5	0.0455613	0.00198349	0.0521919	-19.16	0.833653	0.867485	-1.15276	0.146258	0.348465	-2.86973	0.836043	1.15037	1.15037	0.424474	0.57617	-1.7356
cg01899600	OR56B1	0.0497885	0.0254806	0.117583	-8.5046	0.815928	1.20685	1.20685	0.447292	0.535533	-1.8673	0.155411	0.29355	-3.40658	0.0730246	0.199461	-5.0135
cg25678587	OR56B4	7.76E-08	1.90E-08	0.092214	-10.8443	0.0555599	1.2739	1.2739	1.32E-05	0.360788	-2.77171	1.72E-07	0.165461	-6.04373	0.000139336	0.479872	-2.08389
cg10092198	OR56B4	0.00108784	0.000437737	0.0667346	-14.9847	0.000357736	0.0613697	-16.2947	0.0143967	0.229995	-4.34792	0.00639178	0.177488	-5.63417	0.00090259	0.0889416	-11.2433
cg00206542	OR5A1	0.00642418	0.00405285	0.0687525	-14.5449	0.473166	0.602807	-1.6589	0.0130069	0.117897	-8.48195	0.0993008	0.285518	-3.50241	0.00325181	0.0617899	-16.1839
cg10919344	OR5A1	0.0190163	0.0246242	0.160084	-6.24672	0.00435697	0.0737258	-13.5638	0.0805441	0.265328	-3.76892	0.098411	0.289191	-3.45793	0.0180865	0.140114	-7.13704
cg06993494	OR5A1	0.0331528	0.0270102	0.0873793	-11.4444	0.00524204	0.0324528	-30.8139	0.0512156	0.126597	-7.8991	0.103704	0.19082	-5.24054	0.0189581	0.0710134	-14.0818
cg10914667	OR5A2	1.79E-05	2.41E-06	0.0484356	-20.646	0.000838388	0.264929	-3.77459	2.24E-05	0.105639	-9.46619	0.000394996	0.224972	-4.445	5.84E-05	0.139664	-7.16002
cg06466547	OR5A2	7.57E-05	8.69E-06	0.0477764	-20.9309	0.00343449	0.286187	-3.49422	0.000148855	0.128514	-7.78128	0.000269698	0.152475	-6.55845	0.000327411	0.160862	-6.21649
cg02981094	OR5A2	8.30E-05	1.07E-06	0.134579	-7.43057	0.0310666	0.671233	-1.4898	0.0022764	0.510577	-1.95857	0.934542	0.987145	-1.01302	0.0836469	0.739667	-1.35196
cg00706994	OR5A2	0.00267291	0.000621756	0.0734957	-13.6062	0.200413	0.511409	-1.95538	0.0142379	0.223314	-4.478	0.011512	0.208652	-4.79268	0.00282961	0.130211	-7.67986
cg03771580	OR5A2	0.00437389	0.00137188	0.0936293	-10.6804	0.00370595	0.135313	-7.39026	0.00686934	0.16774	-5.9616	0.0246369	0.255382	-3.9157	0.0210498	0.242807	-4.1185
cg08491641	OR5AC2	0.00572537	0.923848	1.03306	1.03306	0.395986	0.743988	-1.34411	0.00479133	0.279804	-3.57393	0.771734	0.905776	-1.10403	0.000484904	0.155516	-6.43021
cg23984446	OR5AK2	0.00271681	0.861518	1.10487	1.10487	0.000311336	0.0354203	-28.2324	0.0130748	0.172347	-5.80224	0.0840297	0.335574	-2.97997	0.0425781	0.263533	-3.79459
cg19247310	OR5AN1	0.0271701	0.0277131	0.0761372	-13.1342	0.0101433	0.0403938	-24.7563	0.0827337	0.149353	-6.69555	0.0854466	0.152371	-6.56294	0.0136594	0.0488778	-20.4592
cg24376337	OR5AR1;OR8U8	0.0238656	0.0119467	0.0978174	-10.2231	0.128209	0.295599	-3.38296	0.0495777	0.190062	-5.26145	0.12542	0.292532	-3.41843	0.02462	0.137565	-7.26931
cg26148471	OR5AS1	0.000108435	0.55088	0.869178	-1.15051	0.637845	1.11646	1.11646	0.000340767	0.261678	-3.82149	0.464354	1.1889	1.1889	9.05E-06	0.107227	-9.32598
cg17060964	OR5AS1	0.00141078	0.000604099	0.149301	-6.69789	0.00104727	0.174786	-5.72127	0.103304	0.526897	-1.8979	0.397683	0.73241	-1.36536	0.00971795	0.308442	-3.2421
cg07012076	OR5AS1	0.00289024	0.979963	0.989538	-1.01057	0.0889386	0.455831	-2.1938	0.00403151	0.198388	-5.04064	0.652679	0.827203	-1.20889	0.00146653	0.146128	-6.84333
cg14569837	OR5AS1	0.0466378	0.0110616	0.151006	-6.62225	0.0337636	0.229748	-4.3526	0.100292	0.343631	-2.9101	0.0600276	0.284041	-3.52062	0.170303	0.420461	-2.37834
cg02189001	OR5AU1	7.02E-05	0.000236015	0.199892	-5.0027	0.694212	1.11003	1.11003	0.000218737	0.196304	-5.09414	0.86312	0.955434	-1.04665	2.69E-06	0.0506385	-19.7478
cg11725400	OR5AU1	0.00561993	0.00397542	0.151727	-6.59078	0.0470344	0.330602	-3.02478	0.152864	0.4745	-2.10748	0.0749181	0.380655	-2.62705	0.00126148	0.101057	-9.89543
cg13816428	OR5AU1	0.00946713	0.283648	0.552392	-1.81031	0.00361721	0.122661	-8.15252	0.486532	0.686121	-1.45747	0.963075	0.975635	-1.02497	0.00572564	0.14513	-6.89039
cg07555731	OR5AU1	0.0367643	0.0618702	0.278466	-3.5911	0.436019	0.616829	-1.6212	0.233012	0.467513	-2.13898	0.125185	0.364548	-2.74312	0.0538221	0.264184	-3.78525
cg11051429	OR5B12	1.58E-05	0.00479577	0.366694	-2.72707	0.182774	0.6846	-1.46071	0.000162614	0.178228	-5.61081	0.000186382	0.184373	-5.42378	0.000275199	0.202591	-4.93606
cg27156584	OR5B12	2.11E-05	0.819891	1.05681	1.05681	0.000478759	0.26503	-3.77316	3.58E-05	0.144969	-6.89804	0.00410218	0.393388	-2.54202	0.0413608	0.565492	-1.76837
cg05048730	OR5B12	0.0119065	0.0195717	0.129501	-7.72193	0.454354	0.57568	-1.73708	0.0209817	0.133691	-7.47993	0.184007	0.360173	-2.77645	0.00964353	0.0931412	-10.7364
cg20245568	OR5B17	0.0173091	0.726063	1.19201	1.19201	0.253133	1.81475	1.81475	0.0539041	0.335317	-2.98226	0.317624	0.597029	-1.67496	0.129023	0.440851	-2.26834
cg05655457	OR5B17	0.0352228	0.109306	0.434734	-2.30026	0.131925	0.460342	-2.1723	0.182723	0.509368	-1.96322	0.175184	0.50265	-1.98945	0.316194	0.609944	-1.63949
cg17013303	OR5B2	0.000169963	0.000785102	0.246441	-4.05776	0.578949	0.856721	-1.16724	0.00133559	0.276211	-3.62042	0.00125473	0.272611	-3.66823	0.00819836	0.393292	-2.54264
cg08614097	OR5B21	0.00026083	0.146001	0.77671	-1.28748	0.405535	0.871292	-1.14772	0.000240463	0.373855	-2.67483	0.00274751	0.512186	-1.95241	0.00158754	2.08331	2.08331
cg12647962	OR5B21	0.000743454	0.0684672	0.750572	-1.33232	0.451318	1.114	1.114	2.64E-05	0.310677	-3.21877	0.0114743	0.64089	-1.56033	0.0604523	0.742436	-1.34692
cg24688348	OR5B21	0.018076	0.841318	1.06798	1.06798	0.165842	0.615804	-1.62389	0.0324015	0.439665	-2.27446	0.508008	1.24647	1.24647	0.00168256	0.229226	-4.36251
cg12485926	OR5B3	3.63E-06	0.0515803	0.598615	-1.67052	4.89E-05	0.17072	-5.85753	1.19E-05	0.117006	-8.54655	0.0393647	0.575791	-1.73674	3.67E-05	0.158858	-6.29494
cg06241885	OR5B3	0.00222877	0.61279	1.28131	1.28131	0.0181025	0.24803	-4.03178	0.0259936	0.277079	-3.60908	0.990923	0.99449	-1.00554	0.00275381	0.134471	-7.43657
cg25532314	OR5B3	0.0462947	0.42061	0.586833	-1.70406	0.197067	0.413358	-2.41921	0.0546628	0.243646	-4.10432	0.0387156	0.212073	-4.71536	0.0863575	0.293067	-3.41219
cg04177635	OR5C1	0.000586432	0.0736284	0.449446	-2.22496	0.915908	1.04326	1.04326	0.000288866	0.0933309	-10.7146	0.00010358	0.0637069	-15.6969	0.000782785	0.130443	-7.66619
cg09917446	OR5C1	0.00298974	0.775198	0.950488	-1.05209	0.973358	1.00594	1.00594	0.00687598	0.537604	-1.86011	0.949855	1.01122	1.01122	0.00018769	0.327042	-3.05771
cg07322909	OR5D13	0.023802	0.010974	0.209043	-4.7837	0.00978826	0.201541	-4.96177	0.101024	0.414477	-2.41268	0.135721	0.454519	-2.20013	0.0238988	0.266671	-3.74994
cg26831825	OR5D13	0.0453849	0.0214339	0.196346	-5.09304	0.00920758	0.142637	-7.01082	0.0754112	0.311631	-3.20892	0.666968	0.774917	-1.29046	0.0772897	0.314465	-3.18
cg21052687	OR5D14	0.0328205	0.00832206	0.202485	-4.93865	0.191556	0.51959	-1.92459	0.142028	0.473547	-2.11172	0.154723	0.486154	-2.05696	0.230431	0.551139	-1.81442
cg22937354	OR5D16	0.00485151	0.00895156	0.241212	-4.14574	0.032513	0.342858	-2.91666	0.00377962	0.187987	-5.31953	0.0345385	0.348424	-2.87007	0.00258742	0.16763	-5.96552
cg23438598	OR5D18	0.00323671	0.653537	1.1398	1.1398	0.00166861	0.27194	-3.67728	0.00110774	0.248543	-4.02345	0.945339	1.02006	1.02006	0.161247	1.54237	1.54237
cg08060810	OR5D18	0.00789378	0.015619	0.174397	-5.73404	0.000481418	0.0397071	-25.1844	0.039144	0.245043	-4.08092	0.103191	0.34989	-2.85804	0.144489	0.397142	-2.51799
cg12750151	OR5D18	0.0268655	0.0255334	0.340244	-2.93907	0.0065689	0.238316	-4.19611	0.345499	0.673869	-1.48397	0.291169	0.640819	-1.5605	0.015388	0.298734	-3.34746
cg03274368	OR5D18	0.0310614	0.138298	0.301523	-3.3165	0.0563857	0.197276	-5.06903	0.0223979	0.128023	-7.81109	0.117679	0.278986	-3.58442	0.0362316	0.160482	-6.23124
cg20620783	OR5E1P	0.000197001	0.000483656	0.272503	-3.66969	0.0152608	0.492731	-2.02951	0.00506847	0.414655	-2.41164	0.000190454	0.224463	-4.45507	9.47E-06	0.103395	-9.67165
cg23194364	OR5E1P	0.00260713	0.0021981	0.128579	-7.77734	0.552558	0.750466	-1.33251	0.0250252	0.279756	-3.57455	0.00539572	0.173785	-5.75425	0.000378154	0.066277	-15.0882
cg02200642	OR5E1P	0.0104482	0.0120841	0.198202	-5.04536	0.0153484	0.214595	-4.65993	0.00613563	0.157314	-6.35672	0.0627008	0.338485	-2.95434	0.00252624	0.114343	-8.74559
cg13869366	OR5E1P	0.0123777	0.00465701	0.180528	-5.53932	0.0653431	0.390216	-2.56268	0.12376	0.468458	-2.13466	0.0300084	0.313122	-3.19364	0.00943318	0.223858	-4.46712
cg05032957	OR5E1P	0.0191639	0.00931609	0.246766	-4.05243	0.380089	1.46516	1.46516	0.205686	0.567586	-1.76185	0.0601569	0.406799	-2.45822	0.00199465	0.15701	-6.36902
cg08835992	OR5E1P	0.021452	0.0711861	0.254474	-3.92967	0.383218	1.83527	1.83527	0.623892	0.714914	-1.39877	0.0191666	0.145931	-6.85254	0.002646	0.0593383	-16.8525
cg02508478	OR5H1	0.00710823	0.0260054	0.722883	-1.38335	0.0377104	1.34451	1.34451	0.00131119	0.562987	-1.77624	0.178241	0.838887	-1.19206	0.0114778	0.678131	-1.47464
cg04141217	OR5H1	0.0182205	0.0102011	0.171727	-5.8232	0.0458367	0.287924	-3.47313	0.198342	0.477394	-2.0947	0.00452251	0.127727	-7.82919	0.628913	0.767309	-1.30326
cg19474983	OR5H1	0.0286185	0.0557811	0.317641	-3.1482	0.109912	0.397662	-2.5147	0.0254428	0.24525	-4.07748	0.125244	0.415553	-2.40643	0.0120676	0.190821	-5.24052
cg15154635	OR5H14	0.000942575	0.00334958	0.447611	-2.23408	0.448668	1.1682	1.1682	0.000930157	0.369626	-2.70544	0.00073798	0.356211	-2.80733	0.0164763	0.554312	-1.80404
cg08981067	OR5H14	0.00102204	0.818304	0.950642	-1.05192	0.00118395	0.351307	-2.84652	0.000981836	0.340284	-2.93872	0.977167	1.00632	1.00632	9.82E-05	0.218267	-4.58155
cg03507018	OR5H15	2.57E-08	1.95E-08	0.0817938	-12.2259	2.92E-05	0.381158	-2.62358	7.13E-05	0.426711	-2.34351	8.91E-07	0.215571	-4.63884	0.195784	0.851343	-1.17461
cg01495831	OR5H15	0.0206627	0.013283	0.115621	-8.64894	0.0204072	0.140145	-7.13545	0.038964	0.186275	-5.3684	0.101601	0.283572	-3.52645	0.0108535	0.105475	-9.48091
cg00336986	OR5H2	0.00907294	0.00817664	0.518591	-1.9283	0.225727	0.781272	-1.27996	0.00630378	0.501443	-1.99425	0.0268209	0.601169	-1.66343	0.180066	1.31813	1.31813
cg25825391	OR5H6	1.76E-06	3.74E-07	0.0686915	-14.5578	0.0130284	0.568135	-1.76014	0.000251178	0.330161	-3.02882	0.170845	0.765181	-1.30688	1.10E-05	0.179252	-5.57874
cg23350273	OR5H6	0.000324914	0.000562582	0.212982	-4.69523	0.000746016	0.227579	-4.39407	0.000741896	0.227287	-4.39972	0.0122041	0.405257	-2.46757	0.000279109	0.179179	-5.581
cg20367065	OR5H6	0.00167391	0.000729935	0.0880163	-11.3615	0.00123217	0.106876	-9.35664	0.00848235	0.203889	-4.90464	0.00594776	0.182284	-5.48593	0.0671451	0.378701	-2.6406
cg05232914	OR5H6	0.012097	0.00327017	0.0881155	-11.3487	0.0925192	0.325713	-3.07018	0.0439783	0.245974	-4.06547	0.0105616	0.142425	-7.02122	0.00612561	0.114482	-8.735
cg15717907	OR5I1	0.00385163	0.00117992	0.131201	-7.62189	0.09118	0.451969	-2.21254	0.00673235	0.223182	-4.48065	0.0037882	0.188764	-5.29762	0.0330336	0.345072	-2.89794
cg17120792	OR5I1	0.0296352	0.00966719	0.109466	-9.13529	0.0292121	0.176238	-5.67416	0.107288	0.304942	-3.27931	0.0819424	0.271925	-3.67749	0.0495204	0.220011	-4.54522
cg04362407	OR5K1	0.000557819	0.0220631	0.527513	-1.89569	0.0205087	0.521882	-1.91614	9.19E-05	0.196506	-5.08891	0.00110754	0.32633	-3.06438	1.00E-04	0.20035	-4.99125
cg04490079	OR5K2	0.00275081	0.369483	0.863976	-1.15744	0.014714	0.621073	-1.61012	0.0425336	0.690395	-1.44845	0.807378	1.03951	1.03951	0.851764	1.03012	1.03012
cg14234213	OR5K2	0.00508768	0.000222856	0.204876	-4.88099	0.00352674	0.36041	-2.77462	0.530247	1.17823	1.17823	0.84162	0.949698	-1.05297	0.663667	1.11949	1.11949
cg11569531	OR5K3	4.52E-05	0.000428518	0.366557	-2.72809	6.83E-05	0.269445	-3.71133	0.0104287	0.559552	-1.78714	0.000841152	0.404852	-2.47004	3.38E-06	0.139108	-7.18865
cg18484139	OR5K3	0.0265117	0.786628	0.62184	-1.60813	0.00647238	0.439508	-2.27527	0.00149135	0.410428	-2.43707	0.867278	0.95546	-1.04663	0.0288558	0.190711	-5.24353
cg10365354	OR5K4	0.00132167	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27244434	OR5K4	0.0134195	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05788138	OR5L1	0.0172096	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01515155	OR5L1	0.0209531	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02459415	OR5L2	0.0090121	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18157275	OR5M10;OR8U8	0.00119369	6.12E-05	0.102717	-9.73547	0.101573	0.576066	-1.73591	0.0353372	0.470449	-2.12563	0.00488844	0.317366	-3.15094	0.10936	0.578387	-1.72894

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27128011	0.135522	0.308656	-3.23985	0.00542545	0.0690041	-14.4919	0.403377	0.535366	-1.86788	0.0550267	0.203996	-4.90206	4.20617	35.5663	7.51621	1
cg04163147	0.861719	0.914289	-1.09375	0.764312	1.16713	1.16713	0.0263065	0.258134	-3.87396	0.00334273	0.128405	-7.78784	9.38479	39.2636	3.71888	1
cg00294684	7.02E-08	0.154046	-6.49155	0.0101323	1.39854	1.39854	1.07E-09	0.0417936	-23.9271	7.04E-08	0.154188	-6.48559	264.103	44.7325	0.150556	1
cg04054951	0.114841	0.81857	-1.22164	0.220576	1.16226	1.16226	4.70E-07	0.191224	-5.22946	9.75E-06	0.329325	-3.03652	78.9851	17.0522	0.191904	1
cg08010020	0.00017739	0.436663	-2.2901	7.71E-05	2.54411	2.54411	0.0105705	0.657459	-1.52101	0.000506044	0.492291	-2.03132	38.2957	10.3137	0.239393	1
cg14486463	0.000323317	0.0686874	-14.5587	0.976817	1.01347	1.01347	0.264498	0.585329	-1.70844	0.000867077	0.100086	-9.99139	8.8161	29.6115	2.9856	1
cg06879560	0.726188	0.940487	-1.06328	0.590408	1.09947	1.09947	0.334277	0.840477	-1.1898	0.000380643	0.371451	-2.69214	4.50194	2.17148	0.42875	1
cg04956485	0.0017927	0.313244	-3.1924	0.382299	1.26376	1.26376	3.39E-06	0.057197	-17.4834	4.22E-05	0.130612	-7.65627	38.2896	41.3931	0.960936	1
cg12860254	0.00174772	0.265083	-3.77241	0.958786	1.0155	1.0155	1.64E-05	0.0713959	-14.0064	0.00012454	0.136684	-7.31614	20.8463	29.236	1.24663	1
cg26922007	1.21E-05	0.338314	-2.95583	0.000453091	1.91157	1.91157	1.68E-08	0.0786373	-12.7166	1.39E-06	0.236193	-4.23382	161.063	35.0553	0.193467	1
cg02898036	0.0287307	0.323776	-3.08856	0.0732988	2.39411	2.39411	0.00134516	0.130521	-7.66159	0.0101481	0.242338	-4.12647	13.2859	40.2073	2.69005	1
cg05694052	0.411745	0.736695	-1.35741	0.361539	1.40705	1.40705	0.000251401	0.111009	-9.00829	0.000314606	0.119301	-8.38216	14.3579	30.145	1.86626	1
cg06484232	0.119059	0.275241	-3.63318	0.00310766	0.0457434	-21.8611	0.00546701	0.0616413	-16.2229	0.0310462	0.145085	-6.89253	4.20086	38.6922	8.18716	1
cg04524177	0.0793087	0.70879	-1.41086	0.000293644	0.352578	-2.83625	0.000498745	0.381965	-2.61804	1.59E-05	0.20721	-4.82602	16.0881	7.95547	0.439551	1
cg22957613	0.274061	1.40649	1.40649	0.17824	1.53524	1.53524	4.32E-05	0.0975926	-10.2467	0.00102876	0.232751	-4.29643	19.8884	28.2923	1.26449	1
cg07833852	0.533301	1.32138	1.32138	0.225813	1.75378	1.75378	0.000156576	0.0573971	-17.4225	0.0015607	0.134274	-7.44744	12.8821	39.7988	2.7462	1
cg26762873	0.00456956	0.174119	-5.74318	0.952749	1.02781	1.02781	0.000154914	0.0497999	-20.0804	0.00289502	0.150216	-6.65706	10.1697	34.5118	3.01651	1
cg25100880	0.0284181	0.232708	-4.29722	0.00656567	0.136706	-7.31499	0.0024638	0.0931628	-10.7339	0.0402193	0.262894	-3.80381	5.29775	26.6571	4.47269	1
cg07507114	6.73E-05	0.163658	-6.11031	0.00380993	0.379954	-2.6319	3.89E-07	0.0272996	-36.6306	4.27E-05	0.145278	-6.88334	43.6896	42.5579	0.865864	1
cg15149117	0.0174275	0.448752	-2.2284	0.00586683	0.368527	-2.7135	0.000610454	0.231862	-4.31292	0.00216759	0.303824	-3.29138	9.53547	11.5727	1.0788	1
cg24561952	0.030509	0.26251	-3.80937	0.0225823	0.237728	-4.20649	0.00330786	0.121865	-8.20583	0.0658002	0.337545	-2.96257	4.47907	19.6335	3.89634	1
cg03067903	0.782722	0.933767	-1.07093	0.743511	0.921832	-1.0848	8.15E-05	0.171841	-5.81933	2.05E-05	0.118451	-8.44231	29.2681	28.4846	0.865094	1
cg03828557	0.0353679	0.276871	-3.61179	0.0151861	0.209483	-4.77365	0.0378829	0.283143	-3.53178	0.0111003	0.188452	-5.3064	5.90085	25.673	3.86732	1
cg20576955	0.680735	0.774239	-1.29159	0.553968	1.44809	1.44809	0.0142578	0.154214	-6.4845	0.0366183	0.222692	-4.4905	4.61973	27.9853	5.38469	1
cg26582457	0.318789	0.793624	-1.26004	0.330631	0.798359	-1.25257	4.63E-05	0.178143	-5.61345	5.29E-05	0.183828	-5.43988	32.5835	25.9711	0.708499	1
cg23053374	0.162707	0.585052	-1.70925	8.83E-05	0.0799235	-12.512	0.000311769	0.122056	-8.19296	0.000686172	0.154888	-6.45628	15.9463	32.6762	1.82146	1
cg17603909	0.0148904	0.407575	-2.45354	8.92E-05	0.122206	-8.18292	0.00102653	0.23265	-4.2983	0.00103273	0.232977	-4.29227	16.8987	24.037	1.26437	1
cg06870124	0.847661	1.15869	1.15869	0.00196988	0.0351057	-28.4854	0.00147897	0.029821	-33.5334	0.0191357	0.114019	-8.7705	5.72398	53.1707	8.25699	1
cg05117324	0.0114217	0.215036	-4.65038	0.00867773	0.197091	-5.0738	0.00382703	0.15063	-6.63879	0.0600574	0.357057	-2.80067	7.07738	26.4212	3.31839	1
cg10298507	0.744407	0.838957	-1.19196	0.00826052	0.163167	-6.1287	0.00409373	0.126482	-7.90628	0.00242049	0.103621	-9.65055	7.03113	32.0831	4.05601	1
cg12250761	0.0102893	0.133113	-7.51239	0.053933	0.255499	-3.91391	0.00162643	0.0598523	-16.7078	0.0127574	0.145201	-6.887	6.62324	40.7965	5.4752	1
cg16712155	0.0788597	0.227774	-4.39031	0.414249	1.8827	1.8827	0.0255494	0.1338	-7.47383	0.0255258	0.133742	-7.47711	4.34583	39.5559	8.0907	1
cg27480913	0.0442329	0.193517	-5.16751	0.007833	0.0884554	-11.3051	0.00772056	0.087855	-11.3824	0.10878	0.288523	-3.46593	4.12313	32.9772	7.10942	1
cg06519367	0.0539299	0.561594	-1.78065	2.14E-05	0.104869	-9.53571	0.000169873	0.185238	-5.39847	5.01E-05	0.13454	-7.43271	27.6237	30.4204	0.978883	1
cg08325124	0.665809	0.891201	-1.12208	0.149822	0.664129	-1.50573	1.11E-05	0.0838458	-11.9266	4.30E-05	0.127443	-7.84666	33.0823	36.8152	0.989188	1
cg10596956	0.119929	0.564456	-1.77162	0.000103036	0.0973587	-10.2713	0.000468991	0.155089	-6.44791	0.000200807	0.120597	-8.29208	18.1407	33.0144	1.61769	1
cg11788486	0.925144	0.943862	-1.05948	0.815864	1.1542	1.1542	0.000826416	0.0452232	-22.1125	0.00883792	0.128845	-7.76126	6.60804	39.5557	5.32088	1
cg03316101	0.0469608	0.261593	-3.82273	0.00797361	0.134585	-7.43027	0.00645594	0.123871	-8.07293	0.0946363	0.33847	-2.95447	5.46331	30.0887	4.89548	1
cg10440696	2.38E-06	0.209701	-4.76869	1.45E-07	0.105949	-9.4385	3.71E-08	0.0691944	-14.452	2.37E-06	0.209536	-4.77245	124.681	36.5965	0.260907	1
cg03045231	0.126725	0.431674	-2.31656	0.00416726	0.141878	-7.04832	0.0114915	0.200299	-4.99253	0.0191143	0.236385	-4.23039	6.52208	26.7161	3.64112	1
cg05703009	0.0279929	0.294743	-3.39279	0.0128671	0.23376	-4.2779	0.000973123	0.0993247	-10.068	0.017899	0.258164	-3.87351	7.23161	25.3627	3.11751	1
cg03895540	0.26545	0.498786	-2.00487	0.0243199	0.200118	-4.99706	0.00103451	0.0543193	-18.4097	0.025695	0.204299	-4.89478	6.25706	35.6016	5.05762	1
cg00079898	0.117503	0.748249	-1.33645	0.047751	1.47131	1.47131	7.25E-08	0.0463024	-21.5972	3.11E-05	0.250011	-3.99983	83.2003	38.3458	0.409676	1
cg19445457	0.0024487	0.609485	-1.64073	0.00713622	1.50405	1.50405	1.90E-05	0.360058	-2.77733	0.00332553	0.625292	-1.59925	21.7225	4.74714	0.194254	1
cg19751990	0.0391122	0.144375	-6.9264	0.00875014	0.0667307	-14.9856	0.0753051	0.200852	-4.97879	0.0492417	0.162124	-6.1681	4.77508	49.6898	9.24984	1
cg24652956	0.0446846	0.754369	-1.32561	4.00E-07	0.170377	-5.86932	1.16E-08	0.0619608	-16.1392	1.25E-07	0.128117	-7.80537	156.209	37.002	0.210555	1
cg09315775	0.000349977	0.346939	-2.88235	0.485191	1.13956	1.13956	1.69E-07	0.0509323	-19.6339	6.79E-05	0.261144	-3.82931	76.7281	41.2323	0.477673	1
cg15889462	0.890151	0.961112	-1.04046	0.216918	1.45196	1.45196	8.51E-06	0.061961	-16.1392	0.00152503	0.269861	-3.70561	24.838	32.4091	1.15984	1
cg01008164	0.0113843	0.239573	-4.17409	0.133781	2.07391	2.07391	0.000355974	0.0753449	-13.2723	0.00707864	0.208093	-4.80554	10.9499	35.2849	2.86436	1
cg23771585	0.857207	1.05262	1.05262	0.0204053	2.2162	2.2162	0.00071044	0.230275	-4.34263	0.000700809	0.229556	-4.35624	16.5899	21.3048	1.14151	1
cg08050940	0.947784	0.991828	-1.00824	0.00243008	1.69693	1.69693	0.0155636	1.4502	1.4502	0.00687907	0.645052	-1.55026	14.0888	3.50282	0.221	1
cg16209873	0.958052	1.01851	1.01851	0.459208	1.30055	1.30055	0.930054	1.03109	1.03109	0.000382794	0.138467	-7.22192	9.96425	19.1884	1.71176	1
cg12248883	0.318137	0.647035	-1.54551	0.885869	1.06247	1.06247	0.570243	1.27388	1.27388	0.000668158	0.111163	-8.99577	8.76628	24.7157	2.50613	1
cg17205488	0.631956	1.27168	1.27168	0.248126	0.5481	-1.82448	0.0164225	0.232142	-4.3077	0.0118311	0.20904	-4.78377	4.36492	17.1464	3.49177	1
cg01242426	5.31E-05	0.287688	-3.47599	0.0208001	0.631667	-1.58311	1.04E-05	0.210558	-4.74929	5.52E-06	0.183624	-5.44593	45.2633	19.5394	0.383718	1
cg18512262	0.30514	0.524093	-1.90806	0.160711	0.401864	-2.4884	0.00721197	0.121257	-8.24692	0.148657	0.389651	-2.5664	3.555	20.8428	5.21151	1
cg12415917	0.00917442	0.186587	-5.35943	0.0779737	0.378297	-2.64342	0.00048112	0.0559358	-17.8776	0.0129883	0.210531	-4.7499	9.89417	36.5641	2.87429	1
cg25451456	1.08E-05	0.161989	-6.17325	0.450753	0.861451	-1.16083	1.63E-07	0.0427809	-23.3749	1.40E-05	0.17223	-5.80617	73.8958	44.0837	0.53028	1
cg07041214	0.000365133	0.202617	-4.93542	0.000225464	0.179943	-5.55731	1.82E-05	0.0867205	-11.5313	6.47E-05	0.128476	-7.78355	27.4212	33.942	1.10027	1
cg01866345	0.00873497	0.566059	-1.7666	0.0104768	0.577654	-1.73114	1.53E-06	0.126203	-7.92372	2.72E-06	0.14661	-6.82081	54.7551	25.1606	0.408455	1
cg12656312	0.318099	0.637281	-1.56917	0.00266382	0.163007	-6.13469	0.000524444	0.0944353	-10.5893	0.024552	0.310574	-3.21984	8.73903	26.3839	2.68364	1
cg24949579	0.0336413	0.142801	-7.00273	0.0041755	0.0492545	-20.3027	0.0561719	0.183338	-5.4544	0.0166345	0.100895	-9.91125	4.52672	44.1084	8.66133	1
cg04058498	0.069405	0.317099	-3.15359	0.0801432	0.333617	-2.99745	0.0708039	0.319337	-3.13149	0.0342309	0.247345	-4.04294	3.5155	17.8023	4.50128	1
cg25798460	0.0173176	0.295547	-3.38355	0.0101878	0.256022	-3.90592	0.00185491	0.156024	-6.40925	0.102123	0.471261	-2.12197	6.12941	17.1667	2.48951	1
cg10917952	0.0383134	0.179337	-5.57609	0.0152212	0.11836	-8.44881	0.0290248	0.158446	-6.31132	0.078242	0.246449	-4.05764	3.76109	30.5299	7.21536	1
cg11493509	0.267395	0.457954	-2.18363	0.874595	0.898741	-1.11267	0.0854104	0.276559	-3.61587	0.0158739	0.135771	-7.36533	3.50919	25.3939	6.43236	1
cg01899600	0.387129	0.489316	-2.04367	0.576516	0.634503	-1.57604	0.00256952	0.0343675	-29.0972	0.0486698	0.162745	-6.14459	3.39359	34.9397	9.15181	1
cg25678587	2.43E-05	0.391485	-2.55438	1.28E-07	0.154368	-6.47801	4.60E-08	0.118841	-8.41457	1.72E-06	0.26304	-3.8017	140.301	27.664	0.175268	1
cg10092198	0.0749228	0.380455	-2.62843	0.00219937	0.123489	-8.09791	0.00189495	0.117099	-8.53976	0.00951169	0.201801	-4.95537	11.4885	43.1926	3.34189	1
cg00206542	0.00410161	0.0691489	-14.4615	0.00432743	0.0709488	-14.0947	0.00992102	0.104372	-9.58109	0.0135274	0.11998	-8.33473	6.79405	51.7883	6.77564	1
cg10919344	0.0382473	0.193227	-5.17527	0.0138612	0.124741	-8.0166	0.00560072	0.0829141	-12.0607	0.112065	0.305931	-3.26871	4.78567	35.5155	6.59664	1
cg06993494	0.213322	0.295243	-3.38704	0.0185588	0.0701274	-14.2598	0.0471427	0.120676	-8.28663	0.0571902	0.134936	-7.4109	3.9435	54.1236	12.1998	1
cg10914667	7.54E-05	0.149721	-6.67908	0.27323	0.739761	-1.35179	4.46E-05	0.129518	-7.72094	0.000200143	0.191977	-5.20895	34.8528	38.5735	0.983781	1
cg06466547	0.00290865	0.275805	-3.62575	0.786914	0.918246	-1.08903	0.000179558	0.135793	-7.36416	0.000321673	0.160086	-6.24664	23.8495	37.4274	1.39495	1
cg02981094	0.00231032	0.51144	-1.95526	0.112972	0.762074	-1.31221	0.979456	1.00406	1.00406	0.0010269	0.46471	-2.15188	23.2701	9.14266	0.349238	1
cg00706994	0.00321636	0.136209	-7.34167	0.587744	0.76232	-1.31179	0.000856671	0.0834981	-11.9763	0.0192434	0.245601	-4.07165	8.85573	34.4805	3.46096	1
cg03771580	0.0042228	0.141717	-7.05629	0.0304888	0.273358	-3.6582	0.00218373	0.111651	-8.95645	0.0201957	0.23959	-4.1738	7.6433	31.4952	3.66278	1
cg08491641	0.00446303	0.275204	-3.63367	0.203569	1.57863	1.57863	0.403983	0.747874	-1.33712	0.0328254	0.427678	-2.33821	7.0401	12.9053	1.62943	1
cg23984446	0.0456004	0.270022	-3.7034	0.000571711	0.0475283	-21.0401	0.0621534	0.301382	-3.31805	0.00349664	0.104045	-9.6112	8.81322	45.5355	4.59265	1
cg19247310	0.0308875	0.0814165	-12.2825	0.00814751	0.0350333	-28.5442	0.0480793	0.106903	-9.3543	0.0482051	0.107074	-9.3393	4.23233	65.6407	13.7861	1
cg24376337	0.0459334	0.1835	-5.44959	0.00301638	0.049116	-20.36	0.0205636	0.126484	-7.90617	0.0372098	0.166538	-6.00462	4.428	38.5217	7.73297	1
cg26148471	0.00331573	0.394864	-2.53252	0.193254	1.37697	1.37697	0.654359	0.900589	-1.11038	5.81E-05	0.177089	-5.64689	21.6658	18.5242	0.759995	1
cg17060964	0.000817307	0.162968	-6.13616	0.00173326	0.20055	-4.98629	0.00190622	0.205685	-4.8618	0.006098	0.275988	-3.62335	10.666	21.8449	1.82052	1
cg07012076	0.00841845	0.244346	-4.09255	0.126012	2.00018	2.00018	0.842325	0.919982	-1.08698	0.000456276	0.0990629	-10.0946	8.6533	24.0321	2.46864	1
cg14569837	0.0124808	0.158171	-6.32227	0.148079	0.398313	-2.51059	0.0602345	0.284401	-3.51616	0.025595	0.207333	-4.82317	3.47853	19.3908	4.95505	1
cg02189001	0.761233	0.922638	-1.08385	0.385209	1.26517	1.26517	0.00192917	0.313637	-3.1884	0.00327951	0.346925	-2.88246	24.3293	26.8958	0.982659	1
cg11725400	0.0135421	0.225826	-4.42818	0.000968913	0.0915083	-10.928	0.0366012	0.306444	-3.26324	0.016998	0.242383	-4.1257	7.08047	26.5899	3.33812	1
cg13816428	0.0099419	0.176433	-5.66787	0.00673343	0.153811	-6.50147	0.0037366	0.124152	-8.05463	0.0559088	0.315403	-3.17055	6.01483	27.0434	3.99655	1
cg07555731	0.223455	2.17642	2.17642	0.00719289	0.121308	-8.24348	0.00834731	0.12881	-7.7634	0.151037	0.392361	-2.54867	3.7987	22.2401	5.20415	1
cg11051429	1.06E-05	0.0804077	-12.4366	2.69E-06	0.0485096	-20.6145	0.000118635	0.164483	-6.07967	1.37E-05	0.0874952	-11.4292	36.0186	40.9779	1.01128	1
cg27156584	3.77E-05	0.146972	-6.80402	0.00238695	2.78914	2.78914	4.78E-05	0.156389	-6.3943	9.52E-06	0.0990045	-10.1005	33.3837	31.0368	0.826397	1
cg05048730	0.202761	0.377452	-2.64934	0.00266463	0.0492807	-20.2919	0.00745189	0.0823462	-12.1439	0.00495857	0.0674988	-14.8151	5.58765	46.4615	7.39113	1
cg20245568	0.0206803	0.248778	-4.01965	0.00968574	0.195096	-5.12567	0.0192814	0.24334	-4.10948	0.00363882	0.140251	-7.13007	4.9396	19.5042	3.5098	1
cg05655457	0.0918653	0.412563	-2.42387	0.00214787	0.127923	-7.81722	0.00952021	0.208691	-4.79178	0.0332743	0.305112	-3.27749	3.85826	13.9084	3.20431	1
cg17013303	0.00148741	0.282482	-3.54005	2.57E-05	0.100052	-9.99483	0.000497029	0.222367	-4.49707	7.52E-05	0.137751	-7.25947	19.1985	23.142	1.07147	1
cg08614097	0.000403839	2.4858	2.4858	0.247706	1.21612	1.21612	0.0159145	0.620021	-1.61285	0.00477239	0.545223	-1.83411	17.0912	7.09528	0.369015	1
cg12647962	0.599939	1.07729	1.07729	0.00726092	1.6277	1.6277	0.02797	0.694016	-1.44089	0.126079	0.792289	-1.26217	12.793	4.00932	0.278577	1
cg24688348	0.932903	1.02801	1.02801	0.232722	1.50764	1.50764	0.031355	0.436722	-2.28979	0.0234443	0.411409	-2.43067	4.86823	8.29864	1.51525	1
cg12485926	6.69E-07	0.0434994	-22.9888	0.979949	0.994197	-1.00584	4.89E-06	0.0892844	-11.2002	3.15E-06	0.0772596	-12.9434	52.7063	44.7697	0.755038	1
cg06241885	0.0104857	0.209177	-4.78064	0.00012366	0.0387145	-25.8301	0.629191	0.789525	-1.26658	0.00608646	0.175615	-5.69428	9.34169	34.9034	3.32115	1
cg25532314	0.0857867	0.292279	-3.42139	0.00459629	0.0868366	-11.5159	0.584995	0.699601	-1.42939	0.012013	0.131388	-7.61107	3.48821	23.1845	5.90804	1
cg04177635	0.818073	1.0968	1.0968	0.000567858	0.11753	-8.5085	0.961375	0.980767	-1.01961	0.124645	0.513425	-1.9477	13.6708	34.8162	2.26379	1
cg09917446	0.390254	0.855445	-1.16898	0.00349192	0.495188	-2.01944	0.0379043	0.652531	-1.5325	0.00336946	0.492992	-2.02843	8.56686	4.2675	0.442792	1
cg07322909	0.122127	0.43969	-2.27433	0.00537476	0.165702	-6.03492	0.0136464	0.223986	-4.46456	0.163987	0.482709	-2.07164	4.43209	16.8821	3.38584	1
cg26831825	0.534096	0.690101	-1.44906	0.0267729	0.213188	-4.69069	0.0228296	0.200995	-4.97524	0.0552669	0.278069	-3.59623	3.5143	19.3111	4.88446	1
cg21052687	0.0435763	0.333272	-3.00055	0.0291149	3.37932	3.37932	0.0557015	0.358219	-2.79159	0.132535	0.463663	-2.15674	3.9578	14.0552	3.15669	1
cg22937354	0.00329289	0.180381	-5.54383	0.00291201	0.173794	-5.75395	0.00998657	0.248722	-4.02056	0.0120889	0.262283	-3.81268	7.40638	21.4604	2.5756	1
cg23438598	0.0800128	1.75515	1.75515	0.163243	1.53878	1.53878	0.940393	1.0219	1.0219	0.00384246	0.323558	-3.09063	8.36697	11.115	1.18084	1
cg08060810	0.0961674	0.34084	-2.93392	0.145549	0.39825	-2.51099	0.00367474	0.0988988	-10.1113	0.00787879	0.134213	-7.45087	6.37087	35.0206	4.88621	1
cg12750151	0.041778	0.385443	-2.59442	0.0119766	0.279812	-3.57383	0.0127989	0.284727	-3.51213	0.286174	0.637631	-1.5683	4.2491	11.1076	2.32365	1
cg03274368	0.403416	0.526034	-1.90102	0.00619498	0.0684438	-14.6105	0.0150082	0.105787	-9.45292	0.0126043	0.0972426	-10.2836	4.03658	36.0868	7.94662	1
cg20620783	0.188275	0.718051	-1.39266	0.00229322	0.363236	-2.75303	0.0026989	0.3735	-2.67737	0.00241302	0.366429	-2.72904	18.4466	16.4902	0.794614	1
cg23194364	0.00597667	0.179625	-5.56714	0.0022198	0.129018	-7.75085	0.0451444	0.333491	-2.99858	0.00878871	0.20307	-4.92441	8.92107	32.2507	3.21344	1
cg02200642	0.134906	0.434474	-2.30163	0.00634078	0.159123	-6.28443	0.0137388	0.206862	-4.83414	0.0407571	0.294739	-3.39283	5.82818	24.693	3.76607	1
cg13869366	0.00512756	0.186014	-5.37593	0.00496408	0.184153	-5.43026	0.0296269	0.311986	-3.20527	0.0293458	0.311142	-3.21396	5.51766	18.0827	2.91311	1
cg05032957	0.491916	0.743698	-1.34463	0.0127065	0.268817	-3.72	0.150267	0.519862	-1.92359	0.074715	0.430773	-2.32141	4.77317	13.6049	2.53358	1
cg08835992	0.743017	0.799789	-1.25033	0.0162431	0.135878	-7.35952	0.115494	0.312887	-3.19605	0.02094	0.151579	-6.5972	4.59347	33.546	6.49153	1
cg02508478	0.450472	0.909884	-1.09904	0.0802295	0.787923	-1.26916	0.967957	1.00495	1.00495	0.00611993	0.644424	-1.55177	6.58353	1.57284	0.21236	1
cg04141217	0.0323413	0.255888	-3.90796	0.0128183	0.186128	-5.37264	0.149882	0.43185	-2.31562	0.00543675	0.13677	-7.31154	4.8552	22.7495	4.16497	1
cg19474983	0.0316793	0.2637	-3.79219	0.00237976	0.106292	-9.40805	0.199337	0.487909	-2.04956	0.0951542	0.378945	-2.63891	4.15564	18.4318	3.94254	1
cg15154635	0.0016554	0.403928	-2.47569	0.00115629	0.382427	-2.61488	0.466154	0.861288	-1.16105	0.000741307	0.356469	-2.80529	11.9653	7.68314	0.570771	1
cg08981067	0.60241	1.12256	1.12256	0.0936378	1.50017	1.50017	0.470462	0.850862	-1.17528	0.0181608	0.532074	-1.87944	11.694	8.96167	0.681199	1
cg03507018	0.0411279	0.757902	-1.31943	1.45E-09	0.0308655	-32.3986	1.10E-05	0.332269	-3.00961	3.17E-08	0.0949154	-10.5357	185.341	40.6226	0.194825	1
cg01495831	0.0104524	0.103673	-9.6457	0.00557535	0.0773124	-12.9345	0.21375	0.398301	-2.51067	0.0633797	0.230382	-4.34061	4.65266	36.4341	6.96071	1
cg00336986	0.0889208	0.69487	-1.43912	0.00762191	1.94579	1.94579	0.40935	0.848986	-1.17788	0.341265	0.82674	-1.20957	6.09673	3.63483	0.529949	1
cg25825391	4.32E-07	0.0721312	-13.8636	9.28E-06	0.17245	-5.79879	0.649886	0.919551	-1.08749	6.34E-06	0.157319	-6.35651	63.4948	33.873	0.474201	1
cg23350273	0.000451979	0.202052	-4.94921	0.00017493	0.158563	-6.30663	0.843977	1.05865	1.05865	0.00378881	0.32312	-3.09483	16.0945	21.3247	1.17775	1
cg20367065	0.000724633	0.0877728	-11.3931	0.0141315	0.238549	-4.19201	0.876302	1.0765	1.0765	0.00216217	0.130356	-7.67132	10.1531	36.0135	3.15292	1
cg05232914	0.0239582	0.195522	-5.11451	0.0116586	0.148072	-6.75348	0.212683	0.451456	-2.21506	0.00790323	0.12691	-7.87957	5.55895	32.3225	5.16844	1
cg15717907	0.0243979	0.318264	-3.14205	0.0014268	0.139557	-7.16553	0.00769044	0.231787	-4.31431	0.00542151	0.209705	-4.76859	7.94237	22.9185	2.56497	1
cg17120792	0.0310633	0.180865	-5.52899	0.00782618	0.0996475	-10.0354	0.0262305	0.168398	-5.9383	0.0365184	0.193609	-5.16505	4.10461	29.6728	6.4259	1
cg04362407	0.225359	0.743315	-1.34532	0.234747	0.748154	-1.33662	0.210315	0.735261	-1.36006	0.000652235	0.295973	-3.37869	13.8626	11.9155	0.764037	1
cg04490079	0.000232112	0.379435	-2.6355	0.000509102	0.422602	-2.36629	0.848549	1.03079	1.03079	0.0361543	0.679421	-1.47184	8.78088	3.49971	0.354275	1
cg14234213	0.0327298	0.524911	-1.90509	0.285206	1.33156	1.33156	0.126929	0.653204	-1.53092	0.743507	0.918786	-1.08839	7.29973	7.69372	0.936864	1
cg11569531	0.0839337	1.41105	1.41105	0.0599405	0.682399	-1.46542	0.76212	0.946806	-1.05618	0.000112061	0.294502	-3.39556	27.3395	14.0367	0.456375	1
cg18484139	0.577531	0.877588	-1.13949	0.0221656	0.360095	-2.77704	0.0213349	0.227566	-4.39433	0.0188538	0.238864	-4.18647	[illegible]	[illegible]	[illegible]	1
cg10365354	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27244434	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05788138	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01515155	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02459415	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18157275	0.00191332	0.258654	-3.86618	0.016375	0.405418	-2.46659	0.00136359	[illegible]	-4.17906	0.00383159	0.301374	-3.31813	11.1886	16.7765	1.33282	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12738765	OR5M10;OR8U8	0.00410536	0.000571528	0.163832	-6.1038	0.0186305	0.380116	-2.63078	0.0453765	0.459137	-2.178	0.0421615	0.452085	-2.21197	0.0233897	0.399079	-2.50577	0.0079293	0.315172	-3.17287	0.0027094	0.245403	-4.07493	0.00155702	0.213884	-4.67543	0.0854468	0.524783	-1.90555	7.79115	14.1914	1.6191	1
cg07850316	OR5M10;OR8U8	0.0211393	0.00394781	0.107554	-9.29764	0.0264565	0.220191	-4.54152	0.11468	0.372842	-2.6821	0.0557492	0.287517	-3.47806	0.0886171	0.339517	-2.94536	0.00580252	0.125171	-7.98908	0.0627794	0.299986	-3.33349	0.0487181	0.274002	-3.6496	0.0120263	0.165081	-6.05764	4.61659	24.181	4.65587	1
cg07977620	OR5M1;OR8U8	0.0107411	0.00242964	0.122431	-8.16786	0.0111947	0.205632	-4.86307	0.0306857	0.282745	-3.53675	0.0312302	0.284294	-3.51749	0.166156	0.479644	-2.08488	0.00520745	0.159686	-6.26229	0.022781	0.257677	-3.88083	0.0269998	0.271715	-3.68033	0.00732093	0.178978	-5.58728	5.77664	22.6518	3.48558	1
cg26600826	OR5M1;OR8U8	0.0237965	0.118492	0.357605	-2.79638	0.0179184	0.174534	-5.72953	0.00634184	0.11576	-8.63854	0.521212	0.674002	-1.48368	0.0373297	0.230777	-4.33319	0.173699	0.415517	-2.40664	0.0058609	0.11209	-8.92143	0.0246026	0.197056	-5.07469	0.0224595	0.190325	-5.25416	4.43244	25.845	5.18299	1
cg01505312	OR5M8;OR8U8	0.000222867	1.62E-05	0.296738	-3.36997	0.0282608	0.701729	-1.42505	0.000794574	0.500079	-1.99969	0.92113	0.986548	-1.01364	0.019835	0.680699	-1.46908	0.00026348	0.440471	-2.2703	0.018175	0.675567	-1.48024	0.0137443	0.659293	-1.51678	0.00014365	0.408218	-2.44967	17.8391	5.28385	0.263284	1
cg21732056	OR5P2	3.13E-06	1.63E-07	0.0773026	-12.9362	0.141436	1.28309	1.28309	0.00135459	0.480244	-2.08228	0.000625821	0.436432	-2.29131	8.73E-06	0.218264	-4.5816	0.11084	0.760447	-1.31502	1.31E-05	0.236593	-4.22666	0.000166731	0.363959	-2.74756	1.23E-05	0.233619	-4.28048	54.7509	21.5476	0.349828	1
cg06921176	OR5P2	0.0346315	0.0582382	0.19811	-5.0477	0.0064269	0.0684811	-14.6026	0.347838	0.481369	-2.07741	0.481757	0.582257	-1.71746	0.00822442	0.0775356	-12.8973	0.274006	0.422747	-2.36548	0.00824207	0.0776187	-12.8835	0.191189	0.351066	-2.84847	0.0617604	0.203657	-4.91023	3.88196	35.1754	8.05444	1
cg17086533	OR5P3	1.36E-06	6.24E-07	0.154472	-6.47365	1.50E-06	0.188902	-5.29375	0.0833118	0.769401	-1.29971	0.087623	0.772736	-1.2941	1.28E-06	0.182509	-5.47919	0.717679	0.951563	-1.0509	0.00213846	1.80364	1.80364	0.639391	1.06666	1.06666	2.21E-06	0.205088	-4.87595	67.7482	20.0621	0.263224	1
cg01469547	OR5P3	0.000160449	3.37E-06	0.0456495	-21.906	0.68826	1.1203	1.1203	0.00243728	0.304788	-3.28096	0.00101106	0.25315	-3.95022	0.0373049	0.506241	-1.97534	0.102546	0.604622	-1.65393	0.587169	0.856929	-1.16696	0.110243	0.612476	-1.63272	0.00050463	0.216256	-4.62415	19.4995	24.4977	1.11673	1
cg16226642	OR5P3	0.000221352	0.000250811	0.169585	-5.89674	0.0240306	0.453465	-2.20524	0.0073913	0.362758	-2.75666	0.000732609	0.221374	-4.51725	0.00225758	0.284873	-3.51034	0.00087684	0.230874	-4.33137	3.99E-05	0.0995362	-10.0466	0.000220661	0.163947	-6.09952	0.000570256	0.208526	-4.79557	17.8722	24.4339	1.21524	1
cg25541968	OR5P3	0.00729858	0.00376401	0.0632967	-15.7986	0.00666817	0.0833792	-11.9934	0.0204562	0.139273	-7.18013	0.922468	0.9336	-1.07112	0.0144471	0.119147	-8.39301	0.369245	0.521609	-1.91714	0.00229266	0.0493619	-20.2585	0.0119205	0.109183	-9.15897	0.00947291	0.0982436	-10.1788	6.5294	51.5116	7.0126	1
cg01464104	OR5T1	0.0252853	0.00705545	0.123124	-8.12188	0.389233	0.588175	-1.70017	0.444267	0.625561	-1.59857	0.0320241	0.220696	-4.53113	0.0515238	0.263645	-3.79298	0.00971968	0.139832	-7.15145	0.00902833	0.135822	-7.36255	0.0766771	0.305948	-3.26853	0.0212421	0.189056	-5.28944	4.34006	24.8682	5.09326	1
cg27149471	OR5T1	0.0276039	0.00668606	0.0970143	-10.3078	0.00902645	0.110697	-9.03365	0.15605	0.365583	-2.73536	0.0521352	0.231118	-4.3268	0.0575983	0.240801	-4.15281	0.0107163	0.119245	-8.38608	0.240198	0.442455	-2.26012	0.034533	0.19504	-5.12716	0.0352759	0.196761	-5.08231	4.20884	29.3089	6.18991	1
cg03207987	OR5T2	0.00991688	0.00470038	0.0855168	-11.6936	0.00203426	0.0580076	-17.2391	0.103183	0.311375	-3.21156	0.872355	1.11098	1.11098	0.00281422	0.0676291	-14.7865	0.0956123	0.30173	-3.31422	0.077939	0.277447	-3.6043	0.0841691	0.286325	-3.49254	0.0128718	0.132456	-7.54968	5.92641	40.2124	6.03136	1
cg17626801	OR5T3	0.00539347	0.0012571	0.101014	-9.89964	0.00764683	0.188439	-5.30677	0.455156	0.690542	-1.44814	0.0409973	0.317287	-3.15172	0.847643	1.09815	1.09815	0.00155388	0.109212	-9.15654	0.42852	0.674736	-1.48206	0.0171622	0.243236	-4.11123	0.00449671	0.15826	-6.31872	7.17046	26.9074	3.33559	1
cg14284630	OR5T3	0.0306517	0.00225195	0.0525209	-19.04	0.0119607	0.115213	-8.6796	0.392075	0.546487	-1.82987	0.324577	0.496065	-2.01587	0.12567	0.319169	-3.13314	0.0388288	0.192344	-5.19902	0.0532085	0.22011	-4.54318	0.0335931	0.180761	-5.53216	0.0898732	0.275722	-3.62684	4.05572	30.5042	6.68557	1
cg24076830	OR5V1	3.27E-06	0.0726252	0.8559	-1.16836	0.428241	0.939101	-1.06485	0.000498853	0.654996	-1.52673	0.00156739	0.702627	-1.42323	0.0340417	1.21191	1.21191	0.0660856	0.851999	-1.17371	0.000190657	1.62982	1.62982	5.95E-08	0.23814	-4.19922	0.0238916	0.811075	-1.23293	54.1416	5.17522	0.084966	1
cg18949521	OR5V1	0.0021214	0.00324967	0.144849	-6.90374	0.0080314	0.194963	-5.12917	0.00634912	0.180802	-5.53092	0.0240901	0.273889	-3.65111	0.00048107	0.0716101	-13.9645	0.0678131	0.373526	-2.67719	0.0182212	0.251618	-3.97428	0.000435803	0.0688048	-14.5339	0.0070921	0.187363	-5.33723	9.47756	34.7855	3.26249	1
cg07150255	OR5V1	0.00342091	0.981897	0.99112	-1.00896	0.243645	0.619058	-1.61536	0.167055	0.560432	-1.78434	0.355744	0.688372	-1.4527	7.79E-05	0.0601625	-16.6216	0.216053	0.599425	-1.66827	0.0579015	0.430509	-2.32283	0.0014321	0.163245	-6.12576	0.115763	0.510661	-1.95824	8.22988	20.1418	2.17547	1
cg14258236	OR5V1	0.00515634	0.0116402	2.10735	2.10735	0.291955	1.29496	1.29496	0.441299	1.20396	1.20396	0.242704	1.3351	1.3351	0.00403298	0.401298	-2.49192	0.030775	1.82156	1.82156	0.671381	1.10614	1.10614	0.00189055	0.353105	-2.83202	0.258311	1.32157	1.32157	7.26988	6.43398	0.786683	1
cg19323832	OR5V1;OR5V1	0.000223182	0.132431	0.733651	-1.36305	0.00542534	0.497583	-2.00972	0.0372378	0.630477	-1.5861	0.000538022	0.358079	-2.79268	0.0147408	1.77276	1.77276	0.0034766	0.469285	-2.1309	0.617912	0.908528	-1.10068	8.31E-06	0.156563	-6.3872	0.153684	0.747232	-1.33827	17.8323	10.277	0.512281	1
cg26349048	OR5W2	0.0003107	9.56E-06	0.0780902	-12.8057	0.0440029	0.53867	-1.85642	0.0178393	0.463116	-2.15929	0.00129969	0.285892	-3.49782	0.139813	0.653982	-1.52909	0.000821424	0.259894	-3.84772	0.538406	0.846615	-1.18117	0.00301201	0.33717	-2.96586	0.00121349	0.281916	-3.54716	16.293	18.4379	1.00591	1
cg16734913	OR5W2	0.0142421	0.00148446	0.0423691	-23.6021	0.00703365	0.0904349	-11.0577	0.032259	0.177392	-5.63723	0.0236329	0.155103	-6.44732	0.0277378	0.166224	-6.01598	0.0298282	0.171512	-5.8305	0.162421	0.357498	-2.79722	0.261371	0.445825	-2.24303	0.0168803	0.133941	-7.466	5.27008	39.7024	6.69649	1
cg13848990	OR5W2	0.0242485	0.00865126	0.118288	-8.45397	0.00479922	0.0919196	-10.8791	0.0400763	0.220243	-4.54043	0.422165	0.592801	-1.68691	0.318124	0.517852	-1.93105	0.143117	0.366563	-2.72804	0.775136	1.2004	1.2004	0.0265138	0.186881	-5.35101	0.0104969	0.128237	-7.79808	4.40366	28.3661	5.72576	1
cg02979850	OR5W2	0.0318055	0.00939569	0.123228	-8.11507	0.00633438	0.104351	-9.58306	0.0515902	0.244451	-4.0908	0.163779	0.388748	-2.57236	0.0538138	0.248558	-4.02321	0.498609	0.646117	-1.54771	0.636712	0.738974	-1.35323	0.0215738	0.17298	-5.78102	0.0206579	0.169996	-5.88248	4.0026	25.6275	5.6913	1
cg03780486	OR6A2	0.0242842	0.00548546	0.137926	-7.25025	0.0830254	0.353019	-2.83271	0.0119182	0.182231	-5.48755	0.165227	0.447962	-2.23233	0.00967525	0.169304	-5.90654	0.0189963	0.21423	-4.66789	0.0882076	0.360365	-2.77497	0.0276759	0.24359	-4.10526	0.0604641	0.317106	-3.15352	4.40141	20.5169	4.1435	1
cg18867010	OR6A2;OR6A2	0.00289635	0.0659927	0.588669	-1.69875	0.0121337	0.447882	-2.23273	0.000456416	0.242113	-4.13029	0.000496427	0.246527	-4.05635	0.00270194	0.344815	-2.9001	0.0132402	0.454404	-2.20068	0.0350574	0.532125	-1.87926	0.432902	0.814156	-1.22827	0.109071	0.638315	-1.56662	8.64788	9.03964	0.929157	1
cg03061764	OR6A2;OR6A2	0.00648608	0.0879822	0.441601	-2.26449	0.460332	0.721593	-1.38582	0.00421345	0.189474	-5.27776	0.0156224	0.27617	-3.62096	0.139351	0.501288	-1.99486	0.00875552	0.234677	-4.26117	0.000266121	0.074368	-13.4466	0.223056	0.573636	-1.74327	0.0924488	0.447604	-2.23412	6.77388	20.2156	2.65275	1
cg16253580	OR6B1	0.000452399	0.000117556	0.135669	-7.37088	0.00135814	0.252153	-3.96584	0.000763572	0.220797	-4.52904	0.000878257	0.228187	-4.38237	0.000318926	0.177947	-5.61967	0.0340082	0.480445	-2.0814	0.0052345	0.335841	-2.9776	0.158446	0.639803	-1.56298	0.000606329	0.208938	-4.78612	14.6921	20.4187	1.23535	1
cg07654282	OR6B1	0.00496131	0.00680099	0.502082	-1.99171	0.0182914	1.75536	1.75536	0.00420235	0.470823	-2.12394	0.756531	0.940727	-1.06301	0.926652	1.01826	1.01826	0.168572	0.74958	-1.33408	0.0508081	1.54832	1.54832	0.465797	1.15699	1.15699	0.00338395	0.457065	-2.18787	7.35602	4.49714	0.543427	1
cg26425521	OR6B1	0.0243158	0.987109	0.995103	-1.00492	0.208769	0.668563	-1.49574	0.0240331	0.441371	-2.26567	0.0645209	0.532062	-1.87948	0.086734	0.562785	-1.77688	0.333851	0.738694	-1.35374	0.232512	1.46291	1.46291	0.927954	1.02786	1.02786	0.00119217	0.236123	-4.23508	4.39942	6.43317	1.2998	1
cg09242192	OR6B2	4.67E-06	0.702957	0.937645	-1.0665	0.000363692	0.382822	-2.61218	0.00554469	0.542048	-1.84486	0.164759	1.28281	1.28281	9.21E-06	0.199703	-5.00743	0.539656	1.10999	1.10999	0.642298	1.08178	1.08178	1.32E-07	0.0606318	-16.493	0.000104822	0.316034	-3.16421	49.3853	22.0871	0.397548	1
cg02582191	OR6B2	0.00271854	0.361773	0.737659	-1.35564	0.468024	1.27083	1.27083	0.0098581	0.346936	-2.88238	0.453303	0.78039	-1.28141	0.000239615	0.138968	-7.19592	0.0443679	2.11603	2.11603	0.0016274	0.230981	-4.32935	0.972054	0.988694	-1.01144	0.10786	0.565823	-1.76734	8.81156	14.7024	1.48314	1
cg00439733	OR6B2	0.0191698	0.331177	0.723176	-1.38279	0.0758932	0.528051	-1.89376	0.186655	0.636032	-1.57225	0.0345017	0.450672	-2.21891	0.0912166	0.548085	-1.82453	0.632163	0.855647	-1.16871	0.0010402	0.208136	-4.80455	0.00527265	0.304507	-3.284	0.0629506	0.508532	-1.96645	4.77268	7.89836	1.47103	1
cg11792285	OR6B2	0.0221939	0.683319	1.27625	1.27625	0.130534	0.378663	-2.64087	0.0513367	0.267273	-3.74149	0.0809574	0.316381	-3.16074	0.0107698	0.148767	-6.72191	0.0678567	0.296314	-3.3748	0.00117622	0.0589409	-16.9661	0.13842	0.387251	-2.5823	0.70005	0.794358	-1.25888	4.54024	25.4326	4.97921	1
cg11274659	OR6B2	0.0283513	0.691579	1.10117	1.10117	0.0700741	0.612947	-1.63146	0.290564	0.767133	-1.30356	0.515099	0.852546	-1.17296	0.242419	0.744021	-1.34405	0.645741	0.89416	-1.11837	0.000691857	0.286054	-3.49584	0.0257189	0.527151	-1.89699	0.62564	0.887954	-1.12618	4.16942	3.8574	0.82237	1
cg18719170	OR6B2	0.0388354	0.0353732	0.386754	-2.58562	0.0195365	0.334795	-2.9869	0.232435	0.615374	-1.62503	0.140952	0.541201	-1.84774	0.334907	0.68006	-1.47046	0.150444	0.550124	-1.81777	0.00588069	0.247199	-4.04532	0.00646584	0.253393	-3.94643	0.269495	0.640278	-1.56182	3.72336	8.86504	2.11638	1
cg18794622	OR6B3	7.40E-07	0.00361141	0.703227	-1.42202	0.348224	0.917305	-1.09015	4.71E-07	0.281894	-3.54743	2.73E-06	0.365325	-2.73729	0.00390566	0.706667	-1.41509	5.45E-05	0.510706	-1.95808	3.31E-05	0.486681	-2.05473	3.92E-08	0.175299	-5.70454	1.27E-05	0.440093	-2.27225	79.1827	10.0172	0.112451	1
cg10906826	OR6B3	4.72E-06	0.00049671	0.464445	-2.15311	0.125853	0.792102	-1.26246	0.00061911	0.476466	-2.09879	0.00171783	0.532783	-1.87694	8.87E-06	0.257752	-3.8797	3.80E-05	0.328792	-3.04144	3.79E-07	0.128745	-7.76732	1.62E-06	0.182976	-5.46521	0.016921	0.663682	-1.50675	49.2557	15.4466	0.278756	1
cg05740739	OR6B3	0.000231913	0.000752784	0.204291	-4.89497	0.00376433	0.296639	-3.3711	0.00163488	0.2461	-4.06338	0.115376	0.587454	-1.70226	0.0101677	0.365202	-2.73821	0.0448463	0.488907	-2.04538	1.05E-05	0.0536131	-18.6522	0.000141541	0.129979	-7.69356	0.00744267	0.342617	-2.91871	17.6472	26.9929	1.35964	1
cg19821536	OR6B3	0.000654532	0.493105	0.809203	-1.23578	0.00938565	0.367228	-2.7231	0.00134335	0.242415	-4.12516	0.791184	0.92246	-1.08406	0.0218251	0.432962	-2.30967	0.036295	0.476955	-2.09664	0.000393519	0.179538	-5.56986	2.76E-05	0.0810957	-12.3311	0.300294	0.721471	-1.38606	13.2579	19.4245	1.30234	1
cg03774040	OR6B3	0.0444138	0.274032	1.39836	1.39836	0.0753134	0.558028	-1.79202	0.00491738	0.333662	-2.99705	0.746602	0.908911	-1.10022	0.835803	0.940693	-1.06305	0.964003	0.986793	-1.01338	0.0627823	0.539695	-1.8529	0.0246817	0.454757	-2.19898	0.0706092	0.551452	-1.81339	3.54286	4.86936	1.2217	1
cg00999410	OR6C1	0.000166485	0.000812629	0.247843	-4.03482	0.00471488	0.354417	-2.82153	0.000124252	0.157534	-6.34785	0.524357	0.836747	-1.1951	0.0333993	0.503219	-1.98721	0.54396	1.18493	1.18493	7.05E-06	0.0642616	-15.5614	0.644772	1.13684	1.13684	0.0243037	0.476333	-2.09937	19.3061	23.3352	1.0744	1
cg01094310	OR6C1	0.0015226	0.533342	0.849074	-1.17775	0.232971	0.723011	-1.3831	0.0473886	0.555298	-1.80083	0.000890308	0.275066	-3.63549	0.000634945	0.256422	-3.89983	0.609453	0.874928	-1.14295	0.187385	0.696039	-1.4367	0.000186608	0.19482	-5.13294	0.00236244	0.33293	-3.00364	10.4345	11.1138	0.946756	1
cg17377797	OR6C1	0.00193768	0.012444	0.347684	-2.87617	0.00463319	0.278185	-3.59474	0.0048162	0.280705	-3.56246	0.0134129	0.353436	-2.82937	0.00240857	0.237918	-4.20313	0.0167125	0.370736	-2.69734	0.000197057	0.119378	-8.37677	0.00467869	0.278819	-3.58656	0.00571721	0.292053	-3.42403	9.73118	17.782	1.62429	1
cg15717887	OR6C1	0.00878872	0.0594428	0.304167	-3.28767	0.101226	0.36644	-2.72896	0.0153866	0.189452	-5.27837	0.105237	0.37151	-2.69172	0.0433487	0.272567	-3.66882	0.505217	0.685088	-1.45967	0.000304777	0.0375508	-26.6306	0.0103492	0.164191	-6.09048	0.0279903	0.234041	-4.27276	6.15859	30.5222	4.40536	1
cg15783466	OR6C2	0.0120137	0.00961857	0.205429	-4.86785	0.208488	0.527153	-1.89698	0.031744	0.296519	-3.37246	0.00401733	0.154682	-6.46486	0.407823	0.664426	-1.50506	0.0674568	0.371812	-2.68953	0.00126923	0.103246	-9.68561	0.0213078	0.26282	-3.80488	0.0577251	0.354814	-2.81838	5.57143	20.5742	3.28249	1
cg19265886	OR6C2	0.0205873	0.124045	0.361984	-2.76256	0.180096	0.419575	-2.38337	0.0369262	0.227979	-4.38637	0.030335	0.211561	-4.72676	0.141343	0.38098	-2.62481	0.119172	0.356379	-2.806	0.00179669	0.0665599	-15.0241	0.00570991	0.109562	-9.12729	0.0249641	0.196396	-5.09177	4.65846	27.4628	5.24023	1
cg10672482	OR6C3	0.000718777	0.000331649	0.204555	-4.88865	0.00650344	2.63469	2.63469	0.000429657	0.217363	-4.6006	0.0112797	0.419228	-2.38534	0.108235	0.618799	-1.61603	0.0729777	0.578224	-1.72943	0.0102108	0.411857	-2.42802	0.00184182	0.29775	-3.35852	0.0100582	0.41075	-2.43457	12.9147	15.3463	1.05624	1
cg22664405	OR6C4	0.00520472	0.00471405	0.175228	-5.70686	0.0759915	0.400153	-2.49904	0.0138777	0.244121	-4.09632	0.0897078	0.419912	-2.38145	0.00147536	0.119046	-8.40015	0.0437127	0.341157	-2.9312	0.0170731	0.259582	-3.85235	0.00246625	0.14188	-7.0482	0.00221592	0.136873	-7.30605	7.24914	24.701	3.02883	1
cg16237191	OR6C4	0.0187098	0.003368	0.0936673	-10.6761	0.1708	0.42065	-2.37727	0.0381042	0.239966	-4.16725	0.0516278	0.268409	-3.72565	0.0098965	0.144427	-6.92394	0.0483994	0.262095	-3.81541	0.00704959	0.126449	-7.90835	0.0245432	0.203863	-4.90526	0.0588272	0.281649	-3.55052	4.81201	26.8669	4.96293	1
cg22244938	OR6C6	6.49E-06	0.000253725	0.313482	-3.18998	0.550811	1.12314	1.12314	0.000908638	0.384981	-2.59753	1.43E-06	0.0944098	-10.5921	0.740827	1.06595	1.06595	0.00232497	0.441215	-2.26647	4.33E-07	0.0635685	-15.7311	0.000268354	0.316502	-3.15954	0.00125064	0.403765	-2.47669	45.3689	26.5999	0.521157	1
cg20251156	OR6C65	0.000112144	0.000771629	0.255674	-3.91123	0.00380695	0.351508	-2.84488	0.000416577	0.223189	-4.48051	0.987276	1.00428	1.00428	1.25E-05	0.0850844	-11.753	0.00175929	0.302999	-3.30034	0.000180944	0.183159	-5.45975	0.00031265	0.208905	-4.78687	0.000579566	0.240283	-4.16175	21.4715	24.4074	1.01043	1
cg25236050	OR6C65	0.0120336	0.024412	0.290524	-3.44206	0.738396	1.16706	1.16706	0.0463744	0.349343	-2.86251	0.0122635	0.237431	-4.21174	0.00363666	0.163093	-6.13147	0.0127972	0.240458	-4.15872	0.00382977	0.165828	-6.03034	0.0359893	0.324875	-3.07811	0.126715	0.46702	-2.14124	5.56844	18.7351	2.99068	1
cg09684557	OR6C68	1.52E-05	2.88E-05	0.14653	-6.82456	0.0319067	0.555386	-1.80055	4.61E-05	0.165262	-6.051	0.000134679	0.212952	-4.6959	8.09E-06	0.102105	-9.79381	8.00E-06	0.101767	-9.82637	3.26E-05	0.151303	-6.60927	0.00198368	0.359971	-2.778	5.52E-05	0.172823	-5.78628	36.37	31.5121	0.770162	1
cg14841453	OR6C68	0.00710716	0.00192079	0.157986	-6.32969	0.0726435	0.431093	-2.31969	0.494731	0.747288	-1.33817	0.0187286	0.302118	-3.30997	0.000399741	0.0937941	-10.6617	0.199959	0.566171	-1.76625	0.121256	0.493684	-2.02559	0.758276	0.878368	-1.13847	0.01955	0.305587	-3.27239	6.58384	18.4059	2.485	1
cg19537932	OR6C68	0.0289884	0.0133277	0.116473	-8.58568	0.37208	0.525897	-1.90151	0.00898122	0.0972969	-10.2778	0.0202192	0.140314	-7.12686	0.0179361	0.133045	-7.51626	0.0960855	0.2776	-3.60231	0.0936428	0.274462	-3.6435	0.0276017	0.160944	-6.21334	0.0230365	0.148642	-6.72757	4.13682	32.2199	6.92318	1
cg16427530	OR6C70	0.00177117	6.33E-05	0.255191	-3.91863	0.00760856	0.52906	-1.89014	0.535526	1.12344	1.12344	0.0424674	0.648292	-1.54251	0.545009	0.892585	-1.12034	0.570416	1.11224	1.11224	0.675131	1.08133	1.08133	0.370855	0.843281	-1.18584	0.00190817	0.442365	-2.26058	9.98844	5.44355	0.484431	1
cg04011712	OR6C70	0.00199919	0.830394	1.05027	1.05027	0.0429051	0.586983	-1.70363	0.00237089	0.379424	-2.63558	0.0262555	0.547309	-1.82712	0.0199655	0.526169	-1.90053	0.215958	0.742493	-1.34681	0.000200913	0.24011	-4.16476	0.000491564	0.287045	-3.48377	0.0378993	0.576727	-1.73392	9.64305	7.9841	0.735969	1
cg09358376	OR6C74	0.00436784	0.00326908	0.112774	-8.86733	0.659458	0.785536	-1.27302	0.0187247	0.212071	-4.71541	0.104592	0.38074	-2.62646	0.0061914	0.14325	-6.98082	0.00936942	0.166383	-6.01023	0.000661259	0.0585027	-17.0932	0.00274604	0.105431	-9.48486	0.0591146	0.313485	-3.18995	7.64651	35.883	4.17132	1
cg08048194	OR6C74	0.0149034	0.0129902	0.24911	-4.0143	0.150217	2.00451	2.00451	0.0650006	0.392885	-2.54527	0.0102269	0.232296	-4.30485	0.30795	0.621375	-1.60933	0.286889	0.607372	-1.64644	0.00574239	0.195449	-5.11642	0.0146603	0.257987	-3.87617	0.0265717	0.305679	-3.27141	5.19177	16.7162	2.862	1
cg20502257	OR6C75	1.61E-05	0.00751153	0.515218	-1.94092	0.000303019	0.322437	-3.10138	0.0184128	0.576261	-1.73533	0.00459271	0.483264	-2.06926	0.293302	0.810483	-1.23383	0.256936	0.796079	-1.25616	2.60E-07	0.0524323	-19.0722	0.0416842	0.63599	-1.57235	2.44E-05	0.197989	-5.05079	35.8174	21.0746	0.523015	1
cg08076100	OR6C75	0.00360941	0.000531656	0.309616	-3.22981	0.294118	0.789354	-1.26686	0.0169696	0.531059	-1.88303	0.253936	0.77185	-1.29559	0.176734	0.731877	-1.36635	0.000241912	0.267186	-3.74271	0.443767	1.18498	1.18498	0.703935	0.920359	-1.08653	0.163913	0.72405	-1.38112	8.0988	6.06066	0.665192	1
cg10891473	OR6C76	0.00486766	0.973193	0.99046	-1.00963	0.447341	0.801778	-1.24723	0.00110814	0.253819	-3.93982	0.543033	1.19199	1.19199	0.00642231	0.36374	-2.74922	0.0362596	2.00277	2.00277	0.937137	0.97775	-1.02276	0.844982	0.945688	-1.05743	0.00165777	0.276932	-3.611	7.39889	9.53572	1.1456	1
cg09107594	OR6F1	2.60E-05	0.00876788	0.336405	-2.97261	0.00151127	0.225044	-4.44357	2.81E-06	0.0256698	-38.9563	0.104284	0.560162	-1.7852	7.02E-05	0.0936608	-10.6768	0.0364518	0.452276	-2.21104	0.014109	0.372088	-2.68754	0.00182936	0.235741	-4.24195	2.70E-06	0.0251487	-39.7634	31.6215	53.3356	1.49928	1
cg19364530	OR6F1	0.000122298	1.06E-05	0.142025	-7.04102	0.00577492	2.11746	2.11746	0.00138306	0.382179	-2.61658	0.00138577	0.382296	-2.61577	0.175092	0.741455	-1.3487	0.00229017	0.412969	-2.42149	0.771672	1.06221	1.06221	0.000937431	0.359149	-2.78436	0.00174982	0.396408	-2.52265	20.978	14.2953	0.605727	1
cg14156184	OR6F1	0.000237833	0.000335093	0.130797	-7.64543	0.827252	1.07988	1.07988	0.00609525	0.283937	-3.52191	0.201497	1.60691	1.60691	0.000351393	0.132699	-7.53583	0.000438655	0.141828	-7.05079	0.118302	1.81542	1.81542	0.00121187	0.189003	-5.29093	0.000162569	0.104047	-9.61107	17.5265	34.3239	1.7408	1
cg24460817	OR6F1	0.00161595	0.14288	0.678856	-1.47307	0.00121329	0.311875	-3.20641	0.000725225	0.282399	-3.54109	0.262605	0.750283	-1.33283	0.00226278	0.349628	-2.86018	0.628078	0.886853	-1.12758	0.41723	0.815521	-1.22621	0.0317048	0.538243	-1.8579	0.000173604	0.208485	-4.79651	10.257	9.8289	0.851787	1
cg01507200	OR6F1	0.0120076	0.00325744	0.0656965	-15.2215	0.188491	0.388427	-2.57449	0.0152403	0.132323	-7.55727	0.00715982	0.0947295	-10.5564	0.00791391	0.0991037	-10.0904	0.0512774	0.221736	-4.50986	0.53221	0.650903	-1.53633	0.0608091	0.238263	-4.19705	0.00487107	0.0794078	-12.5932	5.57235	40.6504	6.48446	1
cg03002968	OR6K2	3.13E-05	1.17E-05	0.120618	-8.29064	0.222337	0.746675	-1.33927	0.0005212	0.291618	-3.42914	1.39E-05	0.12663	-7.89701	0.499033	0.855291	-1.16919	0.00295518	0.394755	-2.53322	0.463773	1.18514	1.18514	0.000254631	0.253454	-3.94549	1.24E-05	0.122641	-8.15389	30.1255	24.7547	0.730418	1
cg02245566	OR6K2	0.000109548	5.51E-05	0.0517074	-19.3396	0.000162047	0.0788207	-12.687	0.000920694	0.141755	-7.0544	0.000208692	0.0864188	-11.5716	0.000536891	0.119413	-8.3743	0.000110916	0.0683451	-14.6316	0.0018796	0.175622	-5.69404	0.000494683	0.116252	-8.60199	0.000256773	0.0930225	-10.7501	21.6066	53.2857	2.19215	1
cg04237529	OR6K2	0.00636352	0.0826396	0.42768	-2.3382	0.0353237	0.338565	-2.95365	0.0055696	0.200086	-4.99785	0.268279	0.600779	-1.6645	0.00879584	0.228953	-4.36771	0.0155013	0.269269	-3.71375	0.00288218	0.163486	-6.11674	0.0625745	0.396116	-2.52451	0.000734645	0.103633	-9.64945	6.81406	21.0725	2.74888	1
cg00119186	OR6K2	0.00889409	0.00675572	0.112887	-8.8584	0.146925	0.380197	-2.63022	0.041183	0.231457	-4.32045	0.0151171	0.156522	-6.3889	0.03195	0.209822	-4.76593	0.043742	0.236905	-4.2211	0.000853955	0.0444874	-22.4783	0.0282096	0.19993	-5.00175	0.00624444	0.109246	-9.15362	6.13537	37.5023	5.43331	1
cg20268857	OR6K3	0.00220457	0.000603389	0.0523892	-19.0879	0.0670257	0.318364	-3.14106	0.00629746	0.137532	-7.27104	0.0130025	0.179378	-5.57483	0.137724	0.410175	-2.43799	0.0383516	0.26238	-3.81126	0.000691913	0.05574	-17.9404	0.000888608	0.0622985	-16.0517	0.00582163	0.133533	-7.4888	9.37159	46.1362	4.37599	1
cg09318068	OR6K3	0.00347014	0.000162749	0.109549	-9.12829	0.32274	0.703946	-1.42056	0.024968	0.399773	-2.50142	0.0247287	0.398944	-2.50662	0.0176375	0.370748	-2.69725	0.0143971	0.354611	-2.81999	0.0611688	0.484265	-2.06499	0.0925526	0.529297	-1.8893	0.00131647	0.200569	-4.98581	8.19479	15.3309	1.66294	1
cg00920395	OR6K3	0.00449054	0.00282789	0.157985	-6.32972	0.105964	0.452769	-2.20863	0.00655315	0.20498	-4.87854	0.00830754	0.220018	-4.54508	0.0158799	0.265663	-3.76416	0.0025071	0.151989	-6.57943	0.0165862	0.268991	-3.7176	0.00181797	0.136814	-7.30917	0.00785821	0.216417	-4.6207	7.58256	24.1837	2.835	1
cg12811284	OR6K3	0.0484469	0.138057	0.398838	-2.50728	0.00313107	0.0977502	-10.2302	0.0463154	0.268766	-3.72071	0.600428	0.737698	-1.35557	0.0167888	0.186399	-5.36483	0.096444	0.349723	-2.8594	0.241741	0.493948	-2.02451	0.182028	0.442477	-2.26001	0.873555	1.09601	1.09601	3.42893	17.9941	4.66464	1
cg02613223	OR6K6	1.40E-07	7.89E-08	0.140652	-7.10977	8.31E-07	0.234812	-4.25872	4.80E-07	0.211094	-4.73722	0.111669	0.826371	-1.21011	1.11E-05	0.357448	-2.79761	1.21E-06	0.251783	-3.97167	4.21E-08	0.11947	-8.37031	5.21E-07	0.214512	-4.66174	2.73E-06	0.289308	-3.45652	120.904	23.2032	0.170591	1
cg20410409	OR6K6	0.000301166	5.58E-05	0.0761082	-13.1392	0.0565356	0.47615	-2.10018	0.000994882	0.186208	-5.37033	0.195444	0.624601	-1.60102	0.329415	0.707535	-1.41336	0.00228697	0.230884	-4.33118	0.00111245	0.191839	-5.21271	0.00017858	0.112821	-8.86357	0.000211959	0.119079	-8.3978	16.4327	30.7485	1.66327	1
cg06084534	OR6K6	0.00426262	0.000913207	0.0641696	-15.5837	0.0535135	0.296766	-3.36966	0.0150574	0.191062	-5.2339	0.0316818	0.247751	-4.03631	0.817246	1.13682	1.13682	0.00459312	0.123686	-8.08498	0.57278	1.37121	1.37121	0.00560966	0.13339	-7.49681	0.00314867	0.106917	-9.35302	7.70316	37.4409	4.32041	1
cg22601108	OR6K6	0.0213373	0.00264469	0.0452879	-22.081	0.12712	0.293044	-3.41245	0.0560944	0.199959	-5.00102	0.0809092	0.23696	-4.22013	0.0381978	0.167429	-5.9727	0.0948631	0.255231	-3.91802	0.00735676	0.07654	-13.0651	0.0704314	0.222173	-4.50099	0.0104132	0.0907353	-11.0211	4.6019	40.3386	7.79168	1
cg25577367	OR6M1	0.0314965	0.604877	0.793122	-1.26084	0.168875	0.521546	-1.91738	0.0994603	0.448489	-2.22971	0.263834	1.67737	1.67737	0.00195424	0.143031	-6.9915	0.260503	1.68398	1.68398	0.682531	0.833087	-1.20035	0.0821394	2.35198	2.35198	0.847796	1.08907	1.08907	4.01659	12.5442	2.77607	1
cg13941254	OR6N1	3.73E-05	2.48E-06	0.0745514	-13.4136	0.365228	0.809231	-1.23574	0.001541	0.354695	-2.81932	3.53E-05	0.162514	-6.15331	0.25244	0.761864	-1.31257	0.0637342	0.622376	-1.60675	0.000194417	0.240151	-4.16405	0.00333967	0.403023	-2.48125	4.16E-05	0.169249	-5.90845	28.7608	23.5794	0.728752	1
cg24381587	OR6N1	0.000117548	9.86E-06	0.0427481	-23.3929	0.113698	0.564894	-1.77024	0.000855822	0.189754	-5.26997	0.030996	0.431555	-2.3172	0.00129602	0.211154	-4.73588	7.84E-05	0.0934292	-10.7033	0.000982541	0.196711	-5.08359	0.000327936	0.145761	-6.86052	0.000861655	0.190093	-5.26059	21.2022	36.9777	1.55027	1
cg04972930	OR6N1	0.000227818	2.39E-05	0.0472264	-21.1746	0.589256	1.21834	1.21834	0.00147815	0.189783	-5.26917	0.0886112	0.506327	-1.97501	0.0435222	0.431281	-2.31867	0.000120477	0.0876374	-11.4107	0.525134	0.791914	-1.26276	0.00179191	0.199922	-5.00195	0.000329365	0.122309	-8.17604	17.7329	36.8661	1.84797	1
cg09135320	OR6N1	0.00211616	0.00350446	0.111989	-8.92946	0.0020544	0.0906557	-11.0308	0.00692506	0.144867	-6.90289	0.00278518	0.102371	-9.76837	0.12446	0.398698	-2.50817	0.0438085	0.277774	-3.60005	0.000367895	0.0427131	-23.412	0.0113417	0.173332	-5.76927	0.00219037	0.0930295	-10.7493	9.48441	45.905	4.30226	1
cg14514991	OR6N1	0.00381679	0.000689631	0.0575412	-17.3789	0.62864	0.764465	-1.30811	0.00346176	0.112217	-8.91133	0.0490933	0.28996	-3.44875	0.136914	0.413543	-2.41813	0.00129139	0.0754546	-13.253	0.0613769	0.312997	-3.19492	0.00361325	0.114087	-8.76524	0.0122221	0.178984	-5.58709	7.9641	38.3087	4.2757	1
cg11977941	OR6N2	8.53E-07	1.71E-06	0.129172	-7.74159	0.00136643	0.452258	-2.21113	5.39E-06	0.17225	-5.80551	1.59E-06	0.126776	-7.88791	1.12E-05	0.202769	-4.93173	0.0100568	0.574198	-1.74156	0.00631702	1.83557	1.83557	1.47E-06	0.124061	-8.06053	3.55E-07	0.0812865	-12.3022	76.3569	35.2719	0.410609	1
cg10030147	OR6N2	7.66E-06	3.89E-06	0.174524	-5.72987	0.0270411	0.653785	-1.52955	8.62E-06	0.208011	-4.80744	0.69773	0.938603	-1.06541	0.000952605	0.449588	-2.22426	2.83E-05	0.26267	-3.80706	0.201925	0.803521	-1.24452	1.01E-05	0.215047	-4.65014	3.33E-06	0.168263	-5.94308	43.4738	18.1473	0.371049	1
cg12921481	OR6N2	0.0123403	0.00634089	0.065299	-15.3142	0.0158028	0.103263	-9.68406	0.0350521	0.151726	-6.59082	0.0452924	0.171469	-5.83195	0.011552	0.0884657	-11.3038	0.0195777	0.114635	-8.72337	0.00695661	0.0684856	-14.6016	0.0083651	0.0752324	-13.2921	0.0175501	0.108694	-9.2001	5.5231	51.5747	8.30044	1
cg04386839	OR6P1	6.01E-05	6.11E-05	0.295662	-3.38224	0.208852	0.803996	-1.24379	4.71E-05	0.282701	-3.53731	0.000126324	0.333187	-3.00132	0.0219748	0.636021	-1.57227	6.78E-05	0.301004	-3.32222	4.54E-05	0.280853	-3.56059	0.00872132	0.576761	-1.73382	0.00011445	0.328005	-3.04874	25.3586	10.8914	0.381775	1
cg00160262	OR6P1	0.00578364	0.00118356	0.0809817	-12.3485	0.0634592	0.33188	-3.01313	0.0114083	0.187589	-5.33082	0.0498023	0.306493	-3.26272	0.159842	0.452138	-2.21171	0.00283524	0.11392	-8.77806	0.00373552	0.126245	-7.9211	0.00505112	0.140921	-7.09618	0.0236716	0.239885	-4.16867	7.01819	31.0478	3.93236	1
cg20778958	OR6P1	0.0107711	0.00101592	0.0312689	-31.9806	0.404158	0.545049	-1.8347	0.040605	0.186202	-5.3705	0.0216868	0.140918	-7.09631	0.0134125	0.113392	-8.81896	0.0198316	0.135376	-7.38685	0.0144237	0.117216	-8.53126	0.034985	0.174333	-5.73615	0.0140978	0.116001	-8.62058	5.77146	46.2022	7.11582	1
cg11661281	OR6Q1;OR9Q1	0.0180476	0.902222	1.06629	1.06629	0.305848	1.73963	1.73963	0.125086	0.420214	-2.37974	0.0227457	0.240821	-4.15246	0.0367204	0.281579	-3.55141	0.0112328	0.190362	-5.25315	0.00240724	0.109955	-9.09463	0.126092	0.42134	-2.37338	0.0481165	0.307387	-3.25323	4.8708	21.0379	3.83928	1
cg16516584	OR6S1	1.19E-06	0.966648	0.993283	-1.00676	4.06E-05	0.282969	-3.53396	0.00110705	0.460732	-2.17046	0.000615811	0.427421	-2.33961	3.29E-07	0.0914206	-10.9385	0.255415	0.825805	-1.21094	1.27E-07	0.0669263	-14.9418	1.74E-06	0.145553	-6.87037	0.00015945	0.353356	-2.83001	70.1922	28.8877	0.365823	1
cg04214090	OR6S1	0.000166237	0.625651	0.905126	-1.10482	0.124981	0.714122	-1.40032	0.288076	0.799627	-1.25058	7.57E-05	0.233305	-4.28623	5.35E-06	0.123675	-8.0857	0.168581	1.3464	1.3464	0.751511	1.06652	1.06652	0.0129902	0.535283	-1.86817	0.0252256	0.583013	-1.71523	19.3138	12.5733	0.578668	1
cg16765706	OR6S1	0.0018273	0.67509	0.830229	-1.20449	0.17736	0.531147	-1.88272	0.449064	0.711453	-1.40558	0.00612905	0.20629	-4.84754	0.000138497	0.0546565	-18.2961	0.021048	0.293833	-3.40329	0.000249666	0.0694487	-14.3991	0.429751	0.700665	-1.42721	0.0417114	0.354844	-2.81814	9.89845	30.5345	2.74202	1
cg22368476	OR6T1	0.0277422	0.0194711	0.0935322	-10.6915	0.0138107	0.0778436	-12.8463	0.0466415	0.147884	-6.76206	0.16716	0.290705	-3.43991	0.0135043	0.0769083	-13.0025	0.107443	0.229009	-4.36664	0.00788573	0.0573005	-17.4518	0.022304	0.100506	-9.94963	0.06289	0.172812	-5.78663	4.20144	46.8344	9.90864	1
cg00020348	OR6V1	4.55E-06	7.39E-08	0.039234	-25.4881	0.929427	1.01609	1.01609	0.00050777	0.375696	-2.66173	0.335466	0.836097	-1.19603	0.304802	1.2111	1.2111	0.00092112	0.409738	-2.44058	0.176404	1.29568	1.29568	0.00215802	0.460146	-2.17322	3.60E-05	0.238033	-4.20111	49.7258	25.5821	0.4573	1
cg01262290	OR6V1	8.02E-06	2.10E-06	0.10049	-9.95124	0.000321429	0.31758	-3.14881	0.00187746	0.419456	-2.38404	0.000287984	0.311619	-3.20905	1.40E-06	0.088598	-11.2869	2.60E-05	0.193645	-5.16409	1.46E-05	0.169419	-5.90251	0.00385118	0.464195	-2.15427	0.000185925	0.288346	-3.46805	42.9552	26.4181	0.546681	1
cg03548091	OR6V1	0.0143254	0.00202395	0.176962	-5.65093	0.010585	0.278334	-3.5928	0.688998	0.852117	-1.17355	0.312003	1.51596	1.51596	0.964243	0.982326	-1.01799	0.528002	0.775433	-1.2896	0.00484612	0.226246	-4.41997	0.285991	0.643533	-1.55392	0.031811	0.367539	-2.7208	5.25997	13.1821	2.22766	1
cg06246114	OR6V1	0.0370731	0.0254635	0.300648	-3.32615	0.743739	1.16006	1.16006	0.0675999	0.39584	-2.52627	0.756649	0.868761	-1.15106	0.00404022	0.174192	-5.74078	0.10601	0.449759	-2.22341	0.0138901	0.252672	-3.9577	0.816076	1.11121	1.11121	0.250043	0.580396	-1.72296	3.78714	12.2867	2.88383	1
cg21897367	OR6W1P	7.56E-05	2.34E-06	0.0740759	-13.4997	0.093982	0.659152	-1.5171	0.000659007	0.306972	-3.25762	0.841172	1.04646	1.04646	0.166179	1.39681	1.39681	0.158033	0.710616	-1.40723	0.514319	1.16147	1.16147	0.0452635	0.594592	-1.68182	9.02E-05	0.204917	-4.88003	23.8533	19.3543	0.721237	1
cg17538768	OR6X1	0.0153064	0.271019	1.40299	1.40299	0.188392	0.662449	-1.50955	0.0596949	0.533719	-1.87365	0.00648157	0.351442	-2.84542	0.00339303	0.308229	-3.24434	0.0129988	0.402243	-2.48606	0.0357436	0.485762	-2.05862	0.104717	0.592177	-1.68869	0.0395068	0.494781	-2.0211	5.14614	7.11588	1.22912	1
cg13041637	OR6X1	0.0158942	0.234819	0.487514	-2.05122	0.0322614	0.235358	-4.24884	0.0258775	0.217372	-4.60042	0.119832	0.377705	-2.64757	0.0233221	0.20934	-4.77692	0.03944	0.252965	-3.95312	0.00100141	0.0597004	-16.7503	0.0150139	0.178203	-5.61157	0.0394256	0.252932	-3.95364	5.08219	26.792	4.68599	1
cg06483559	OR6X1	0.0249384	0.518219	0.800887	-1.24862	0.0343094	0.433021	-2.30936	0.0842448	0.523357	-1.91074	0.396461	0.745017	-1.34225	0.000487632	0.156817	-6.37685	0.76811	1.10542	1.10542	0.261854	0.672599	-1.48677	0.219132	0.645279	-1.54972	0.339244	0.716128	-1.3964	4.36097	7.9363	1.61764	1
cg07513723	OR6X1	0.0356605	0.0804403	1.57992	1.57992	0.0407087	0.572748	-1.74597	0.00631174	0.432154	-2.31399	0.475945	0.842841	-1.18646	0.196715	1.37981	1.37981	0.177315	1.40242	1.40242	0.161968	1.42222	1.42222	0.512968	1.16941	1.16941	0.730043	0.921542	-1.08514	3.84102	3.38457	0.783256	1
cg24440526	OR6Y1	4.00E-07	1.35E-07	0.143201	-6.9832	0.830238	1.02541	1.02541	1.15E-06	0.229052	-4.36581	0.810668	0.972344	-1.02844	0.042727	0.761408	-1.31336	0.00988971	0.683259	-1.46357	0.579502	1.06759	1.06759	2.69E-07	0.168687	-5.92815	1.72E-07	0.151941	-6.58148	92.6015	20.0269	0.192239	1
cg03225787	OR6Y1	0.011887	0.0011909	0.107031	-9.34307	0.293164	0.598755	-1.67013	0.0311017	0.304193	-3.28738	0.246739	0.565701	-1.76772	0.048293	0.345977	-2.89037	0.0152683	0.24633	-4.0596	0.00763527	0.199259	-5.0186	0.00624147	0.187033	-5.34665	0.0749397	0.393435	-2.54171	5.59063	19.5875	3.11433	1
cg17551002	OR6Y1	0.0214435	0.00641166	0.0844758	-11.8377	0.125728	0.315169	-3.1729	0.0261135	0.158911	-6.29282	0.101423	0.286572	-3.48953	0.3081	0.479429	-2.08582	0.0121123	0.113091	-8.84241	0.0112049	0.109186	-9.15866	0.0115172	0.110551	-9.0456	0.0212214	0.14511	-6.89132	4.59409	35.3336	6.83652	1
cg25396464	OR7A10	0.000265256	0.616111	1.04676	1.04676	0.0971638	0.848244	-1.17891	4.00E-05	0.491864	-2.03308	0.0220123	0.780094	-1.2819	0.00138506	0.657616	-1.52065	0.171181	0.876581	-1.1408	0.174219	1.1396	1.1396	3.00E-05	0.4779	-2.09249	0.385861	0.922774	-1.08369	17.0129	2.20237	0.115069	1
cg14560775	OR7A10	0.0238516	0.611455	0.82049	-1.21878	0.00072875	0.137549	-7.27012	0.643835	0.83543	-1.19699	0.230074	0.614889	-1.62631	0.166068	1.76896	1.76896	0.119783	1.91911	1.91911	0.483679	1.3164	1.3164	0.782392	1.11286	1.11286	0.747227	1.13302	1.13302	4.4289	10.4624	2.09981	1
cg04645174	OR7A17	0.00012863	0.0760151	0.496133	-2.01559	1.55E-05	0.0418825	-23.8763	0.0129827	0.334737	-2.98742	0.0217648	0.376194	-2.6582	7.85E-05	0.0792277	-12.6218	0.0531686	0.458457	-2.18123	2.13E-05	0.0479518	-20.8543	0.308081	0.68762	-1.45429	0.00899925	0.307581	-3.25117	20.6955	41.3057	1.77412	1
cg08376968	OR7A17	0.000606109	0.000300772	0.35322	-2.8311	9.98E-05	0.29466	-3.39374	0.927758	1.01618	1.01618	0.163949	1.30074	1.30074	0.439065	0.869614	-1.14994	0.000427579	0.372671	-2.68333	0.228194	1.25094	1.25094	0.682053	1.07564	1.07564	0.286834	0.822189	-1.21627	13.5456	6.72272	0.44116	1
cg23971049	OR7A17	0.00468284	0.0137475	0.359755	-2.77967	0.0109538	0.342468	-2.91998	0.178931	0.619271	-1.6148	0.82908	1.07526	1.07526	0.000260987	0.133314	-7.50108	0.711359	1.13286	1.13286	0.0435981	0.459009	-2.17861	0.00333055	0.261536	-3.82357	0.237636	0.660214	-1.51466	7.4866	13.356	1.58576	1
cg12506013	OR7A17	0.0378249	0.0107556	0.24198	-4.13257	0.0659292	0.401122	-2.49301	0.206309	0.554215	-1.80435	0.197747	0.54729	-1.82719	0.018101	0.280567	-3.56421	0.0555913	0.382723	-2.61285	0.00817746	0.22348	-4.47467	0.0285911	0.31868	-3.13795	0.0889124	0.435723	-2.29504	3.75948	11.6722	2.75976	1
cg25851651	OR7A5	0.0111142	0.014099	0.159496	-6.26975	0.194014	0.434935	-2.2992	0.431657	0.614926	-1.62621	0.517685	0.67208	-1.48792	0.0102225	0.140618	-7.11145	0.10811	0.345722	-2.8925	0.00103991	0.0527605	-18.9536	0.00273732	0.0816415	-12.2487	0.118585	0.358252	-2.79133	5.71347	33.217	5.16783	1
cg06639544	OR7A5	0.0167973	0.106086	0.356002	-2.80897	0.104734	0.354315	-2.82235	0.013935	0.16908	-5.91434	0.0316178	0.228864	-4.36941	0.025569	0.211759	-4.72236	0.210372	0.461922	-2.16487	0.00150555	0.0688361	-14.5273	0.0060222	0.122476	-8.16488	0.153787	0.40919	-2.44385	4.98945	27.0586	4.82058	1
cg02981989	OR7A5;OR7A5	2.36E-06	0.00654027	1.68821	1.68821	0.0229773	1.49652	1.49652	4.43E-05	0.317567	-3.14894	2.78E-05	0.294259	-3.39837	1.31E-07	0.084234	-11.8717	0.313252	1.16719	1.16719	0.21446	0.823894	-1.21375	0.00101793	0.485686	-2.05895	1.07E-05	0.248217	-4.02874	58.8996	20.4942	0.30929	1
cg02626667	OR7C1	0.00570102	0.00258259	0.580005	-1.72412	0.0651106	0.763318	-1.31007	0.140245	0.813075	-1.2299	0.167154	0.825265	-1.21173	0.00020221	0.44354	-2.25459	0.0641956	0.762442	-1.31158	0.0233394	0.702279	-1.42394	0.0971059	0.788625	-1.26803	0.813459	1.03131	1.03131	7.04935	1.89883	0.239433	1
cg05320945	OR7C1	0.026219	0.0158102	0.209477	-4.77379	0.0512077	0.309181	-3.23436	0.00988016	0.178429	-5.60446	0.0908853	0.373549	-2.67702	0.00242389	0.107269	-9.32237	0.0772947	0.354036	-2.82457	0.231779	0.515267	-1.94074	0.622072	0.76899	-1.30041	0.0675196	0.338596	-2.95337	4.28549	18.9716	3.93504	1
cg09529871	OR7C1	0.0340004	0.0891144	0.345919	-2.89085	0.0137862	0.178412	-5.60502	0.0190165	0.200374	-4.99067	0.757356	0.839066	-1.1918	0.0439454	0.269588	-3.70936	0.249722	0.506064	-1.97604	0.0107874	0.1631	-6.13122	0.00902916	0.152708	-6.54846	0.329475	0.565629	-1.76794	3.90782	19.8409	4.51308	1
cg03544379	OR7C2	1.83E-05	0.352274	0.823091	-1.21493	0.447385	1.17058	1.17058	0.0201342	0.565453	-1.7685	1.11E-06	0.0759554	-13.1656	3.31E-06	0.10711	-9.33624	0.557885	0.886448	-1.1281	0.387535	1.19738	1.19738	0.000484897	0.32871	-3.0422	0.59819	0.897479	-1.11423	34.6699	22.7147	0.582373	1
cg25679083	OR7C2	0.00608585	0.00898936	2.05888	2.05888	0.171597	0.728773	-1.37217	0.0843799	0.660322	-1.51441	0.0750456	1.53874	1.53874	0.000445685	0.299829	-3.33524	0.918779	0.97807	-1.02242	0.499449	1.16071	1.16071	0.532148	1.14747	1.14747	0.363589	0.816296	-1.22505	6.90878	5.17105	0.665311	1
cg18788890	OR7C2	0.0181327	0.0308072	0.238614	-4.19086	0.0242531	0.219264	-4.56072	0.518175	0.690659	-1.44789	0.128523	0.395276	-2.52988	0.0186758	0.199771	-5.00573	0.195016	0.460972	-2.16933	0.00173458	0.0801417	-12.4779	0.00666701	0.13686	-7.30674	0.065767	0.311449	-3.2108	4.8631	24.5849	4.49369	1
cg18385570	OR7C2	0.0220472	0.0154193	0.144522	-6.91937	0.994701	1.00433	1.00433	0.0805168	0.283257	-3.53036	0.21787	0.430205	-2.32447	0.00418161	0.0823245	-12.147	0.348786	0.533834	-1.87324	0.00197315	0.058128	-17.2034	0.455228	0.609619	-1.64037	0.153606	0.370028	-2.7025	4.55059	30.5176	5.96114	1
cg19784470	OR7C2	0.0247843	0.635855	0.758962	-1.31759	0.0739833	0.316175	-3.1628	0.0896509	0.338938	-2.95039	0.28376	0.525225	-1.90395	0.0669151	0.304936	-3.27938	0.512483	1.4683	1.4683	0.000998211	0.0592393	-16.8807	0.0505746	0.275745	-3.62654	0.0401525	0.253815	-3.93987	4.37038	23.1428	4.707	1
cg04521512	OR7D2;OR7D2	0.000267176	0.00299617	0.250666	-3.98937	0.00167685	0.217198	-4.60409	0.000587074	0.164399	-6.08275	0.00062794	0.167501	-5.97012	0.0237537	0.399578	-2.50264	0.315808	0.70292	-1.42264	2.20E-05	0.0552318	-18.1055	0.000232524	0.125462	-7.97055	0.0100105	0.331167	-3.01962	16.9795	31.0659	1.62632	1
cg23941855	OR7D4	3.36E-06	0.0156624	0.627936	-1.59252	0.0314949	1.48183	1.48183	8.53E-05	0.305528	-3.27302	5.03E-06	0.161562	-6.18956	1.11E-06	0.102496	-9.75644	3.94E-05	0.26276	-3.80576	4.49E-07	0.0743155	-13.4561	0.728986	1.05433	1.05433	0.0486152	0.704919	-1.4186	78.6886	28.1942	0.278678	1
cg21616683	OR7D4	0.00178143	0.00314102	0.162577	-6.15094	0.000439003	0.0821837	-12.1679	0.00595962	0.198344	-5.04176	0.0276915	0.310021	-3.22558	0.000354062	0.0756763	-13.2142	0.0642094	0.392307	-2.54902	0.925094	1.04322	1.04322	0.00916769	0.225627	-4.43209	0.00793491	0.216168	-4.62604	9.97172	31.9721	2.85002	1
cg00097645	OR7D4	0.00621968	0.00974285	0.313661	-3.18815	0.000957314	0.174642	-5.72601	0.0284849	0.399777	-2.50139	0.181496	0.604679	-1.65377	0.014831	0.345393	-2.89525	0.0237216	0.383846	-2.60521	0.00397574	0.253251	-3.94865	0.00298984	0.235912	-4.23888	0.115209	0.544762	-1.83566	6.86247	13.6708	1.77076	1
cg18044044	OR7D4	0.0412654	0.0395699	0.137906	-7.25133	0.00735995	0.0564215	-17.7237	0.0354978	0.130368	-7.67062	0.259578	0.375739	-2.66142	0.0175975	0.0903514	-11.0679	0.136029	0.262629	-3.80766	0.167663	0.294047	-3.40082	0.0134105	0.0781952	-12.7885	0.114705	0.239844	-4.16939	3.64104	39.9468	9.75223	1
cg11023992	OR7E156P	0.00798994	0.509052	0.871534	-1.1474	0.00189779	0.405199	-2.46792	0.00269795	0.427002	-2.34191	0.393612	0.835791	-1.19647	0.183139	0.748309	-1.33635	0.0304193	1.6858	1.6858	0.321196	1.23415	1.23415	0.205664	0.760284	-1.3153	0.0247096	0.577562	-1.73142	6.34666	4.23544	0.5932	1
cg00564862	OR7E24	0.00395567	0.000600388	0.424497	-2.35573	0.0405969	0.682002	-1.46627	0.00520025	0.550496	-1.81654	0.0438394	0.687292	-1.45499	0.000642251	0.42829	-2.33487	0.0254585	0.650619	-1.537	0.0100859	0.591253	-1.69132	0.0998958	0.746885	-1.33889	0.0357824	0.673392	-1.48502	7.8789	3.26941	0.368851	1
cg14915290	OR7E37P	4.10E-05	0.0267191	0.804129	-1.24358	0.213569	0.896947	-1.11489	3.21E-05	0.510812	-1.95767	0.000304332	0.614276	-1.62793	1.69E-06	0.369334	-2.70758	0.846915	0.984078	-1.01618	0.00106695	0.669271	-1.49416	0.0225037	0.796965	-1.25476	0.000259013	0.607062	-1.64728	28.0555	3.06394	0.0970755	1
cg00697358	OR7E37P	5.52E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08287887	OR7E37P	0.0102701	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06871646	OR7E37P	0.0217801	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06503243	OR7E37P	0.0414795	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19656799	OR7E5P	0.000710297	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12073208	OR7E91P	2.63E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00208218	OR7E91P	0.000235213	0.000596118	0.270097	-3.70238	0.972796	1.00846	1.00846	0.00246277	0.353405	-2.82961	0.000333642	0.239372	-4.17759	1.09E-05	0.0986571	-10.1361
cg19217735	OR7E91P	0.0007305	0.00487241	0.241386	-4.14274	0.00169797	0.181349	-5.51423	0.00821295	0.275889	-3.62465	0.00570988	0.251509	-3.976	0.00174122	0.182644	-5.47514
cg23270808	OR7E91P	0.022872	0.111015	0.752517	-1.32887	0.0991727	0.743254	-1.34544	0.00293739	0.480046	-2.08313	0.0294053	0.648585	-1.54182	0.0485596	0.686763	-1.45611
cg17086219	OR7E91P	0.0323412	0.0243759	0.811648	-1.23206	0.197714	1.11173	1.11173	0.020137	0.804088	-1.24365	0.030693	0.820804	-1.21832	0.0122763	0.784566	-1.27459
cg04471822	OR7E91P	0.0398552	0.0378816	0.529007	-1.89034	0.0106424	0.427658	-2.33832	0.020729	0.478768	-2.08869	0.248334	0.726743	-1.376	0.0477796	0.549573	-1.81959
cg08415557	OR7G1	0.0127139	0.0114607	0.111631	-8.9581	0.00295165	0.0590815	-16.9258	0.0196886	0.141902	-7.04712	0.143836	0.336744	-2.96962	0.0157226	0.128523	-7.78069
cg27581212	OR7G1	0.0180549	0.0129869	0.14243	-7.02101	0.0660454	0.277453	-3.60422	0.0523711	0.252891	-3.95427	0.0599991	0.267019	-3.74506	0.099038	0.326199	-3.06562
cg05143386	OR7G2	0.000166197	0.000179957	0.187612	-5.33014	0.000166657	0.184119	-5.43128	0.00157772	0.301919	-3.31215	0.00303422	0.342337	-2.9211	8.41E-05	0.154631	-6.467
cg25242988	OR7G2	0.0163519	0.0154693	0.130775	-7.64672	0.0682594	0.247066	-4.04751	0.0598355	0.23358	-4.28118	0.15803	0.355718	-2.81121	0.00706811	0.0921873	-10.8475
cg03494634	OR7G3	0.000447519	0.0178922	0.357918	-2.79394	0.00355804	0.244111	-4.09649	0.00026097	0.117241	-8.52946	0.0191476	0.363453	-2.75139	2.90E-05	0.0534021	-18.7259
cg03025082	OR7G3	0.00134844	0.000446342	0.112491	-8.88957	0.240518	0.615912	-1.62361	0.0964141	0.486783	-2.0543	0.00964814	0.274746	-3.63973	9.10E-05	0.0633811	-15.7776
cg00326208	OR8A1	0.000346268	0.00360263	0.463682	-2.15665	0.0016468	0.415312	-2.40783	0.000481879	0.343774	-2.90889	0.117813	0.718051	-1.39266	5.16E-05	0.228246	-4.38124
cg23941354	OR8A1	0.000494943	0.000319838	0.235436	-4.24745	0.0171738	0.486255	-2.05654	0.00462258	0.392329	-2.54888	0.00371869	0.377933	-2.64597	0.000648054	0.272831	-3.66527
cg21196772	OR8A1	0.00843334	0.0610035	1.55089	1.55089	0.254195	1.28076	1.28076	0.229676	0.769553	-1.29946	0.0770602	1.50467	1.50467	0.215995	0.762911	-1.31077
cg24693160	OR8A1	0.0152253	0.761721	1.1141	1.1141	0.622147	0.838212	-1.19302	0.00183993	0.207693	-4.8148	0.623191	1.19237	1.19237	0.0433641	0.438014	-2.28303
cg24360034	OR8B12	1.02E-08	0.211401	0.881672	-1.13421	0.00255042	0.670063	-1.4924	9.18E-08	0.187922	-5.32136	0.000541617	0.597836	-1.6727	2.23E-07	0.224886	-4.44669
cg03168749	OR8B12	9.92E-06	0.000889567	0.441028	-2.26743	3.20E-07	0.0864227	-11.571	0.000137244	0.338054	-2.95811	0.000345709	0.387956	-2.57761	0.85599	1.03033	1.03033
cg25362709	OR8B12	0.00912057	0.0689891	0.495704	-2.01733	0.277548	0.67744	-1.47615	0.000272386	0.127777	-7.82614	0.208083	1.58047	1.58047	0.0392205	0.439198	-2.27688
cg04948906	OR8B12	0.0142893	0.0304307	0.328944	-3.04004	0.223863	1.74807	1.74807	0.0626457	0.400252	-2.49843	0.00316596	0.171663	-5.82537	0.0515085	0.37953	-2.63484
cg22089701	OR8B2	0.00563469	0.00673396	1.69524	1.69524	0.0342132	1.44946	1.44946	0.0356603	0.692589	-1.44386	0.140972	1.26855	1.26855	0.244282	1.20081	1.20081
cg24653728	OR8B4	0.010215	0.932216	0.976914	-1.02363	0.141342	0.647744	-1.54382	0.00874882	0.39974	-2.50162	0.0650301	0.566207	-1.76614	0.00558553	0.368183	-2.71604
cg14887116	OR8B4	0.0144627	0.280986	0.839121	-1.19172	0.058133	0.715195	-1.39822	0.00123245	0.477317	-2.09504	0.265404	0.833876	-1.19922	0.868169	0.974332	-1.02634
cg16612699	OR8B8	0.000171107	0.148256	0.792885	-1.26122	0.000485951	2.26671	2.26671	0.00205958	1.91477	1.91477	0.240372	0.831976	-1.20196	2.22E-05	0.279795	-3.57405
cg14620221	OR8B8	0.000427595	0.000340205	0.24874	-4.02026	0.0043137	2.5091	2.5091	0.0042806	0.39804	-2.51231	0.000100188	0.189532	-5.27615	0.144242	0.685131	-1.45958
cg24027109	OR8B8	0.000514861	0.57342	0.909446	-1.09957	0.919407	0.983256	-1.01703	0.0918599	0.733713	-1.36293	0.0824266	0.725438	-1.37848	5.41E-05	0.284888	-3.51015
cg11195360	OR8B8	0.000967986	0.33208	1.21271	1.21271	0.00200207	0.431442	-2.31781	0.0815251	0.68928	-1.45079	0.492714	0.874347	-1.14371	3.20E-05	0.210106	-4.7595
cg03460239	OR8B8	0.00172339	0.139608	1.5008	1.5008	0.822421	1.05909	1.05909	0.0712951	0.597811	-1.67277	0.00252978	0.34282	-2.91698	0.978434	1.00693	1.00693
cg13667021	OR8B8	0.00359043	0.0282939	1.50312	1.50312	0.00847807	0.589246	-1.69708	0.00718107	0.579129	-1.72673	0.911363	1.01768	1.01768	0.029974	0.669067	-1.49462
cg01699693	OR8D1	2.07E-05	0.0285036	0.737485	-1.35596	0.000659411	0.540835	-1.84899	0.0799734	0.795432	-1.25718	2.45E-07	0.162664	-6.14764	0.00691717	0.662453	-1.50954
cg27160556	OR8D1	0.0328861	0.287236	1.53423	1.53423	0.0209156	0.340787	-2.93438	0.0024451	0.195307	-5.12014	0.522967	0.778199	-1.28502	0.108962	0.508079	-1.9682
cg15952370	OR8D2	0.000500479	0.491412	1.15645	1.15645	0.0582105	1.56082	1.56082	0.00359296	0.440406	-2.27063	5.46E-05	0.209448	-4.77446	0.0903434	0.678309	-1.47425
cg04629433	OR8D2	0.00138083	0.148314	1.32065	1.32065	0.000336919	0.354612	-2.81998	0.0159363	0.588949	-1.69794	0.557207	0.898988	-1.11236	0.135607	1.33442	1.33442
cg25528806	OR8D2	0.00609406	0.995413	0.998303	-1.0017	0.48686	0.811577	-1.23217	0.000196725	0.157291	-6.35766	0.0313584	0.474144	-2.10906	0.0296419	0.469247	-2.13107
cg25762654	OR8D4	4.67E-05	0.00368401	0.571085	-1.75105	0.209054	0.82781	-1.20801	0.00028062	0.428407	-2.33423	0.67623	0.941823	-1.06177	1.93E-05	0.289897	-3.4495
cg02613300	OR8D4	0.000933679	0.0531301	0.665682	-1.50222	0.00090099	0.398505	-2.50938	0.00789779	0.532044	-1.87954	0.0721507	1.45018	1.45018	0.00493444	0.501775	-1.99292
cg12453675	OR8G1	0.00512168	0.00427031	0.305618	-3.27206	0.0612006	0.519901	-1.92344	0.00214352	0.262639	-3.8075	0.00300011	0.283082	-3.53254	0.00277543	0.278262	-3.59373
cg22476960	OR8G1;OR8G5	0.00289897	0.28532	1.17791	1.17791	0.230699	1.20385	1.20385	0.00231184	0.533611	-1.87402	0.0853987	0.755342	-1.3239	0.0324011	0.691024	-1.44713
cg08300990	OR8G1;OR8G5	0.00983806	0.0888068	0.811205	-1.23273	0.282821	0.88303	-1.13246	0.0510848	0.780628	-1.28102	0.173362	0.85088	-1.17525	0.143367	0.839215	-1.19159
cg11321070	OR8H1	2.28E-05	1.48E-05	0.160571	-6.22779	7.49E-05	0.231675	-4.3164	4.71E-05	0.210053	-4.7607	0.104257	0.696829	-1.43507	0.130669	0.717506	-1.39372
cg22629065	OR8H1	0.00175634	0.000283104	0.120345	-8.30947	0.00891804	0.304941	-3.27932	0.0314146	0.406183	-2.46195	0.0124683	0.329643	-3.03358	0.135785	0.563371	-1.77503
cg27444644	OR8H2	7.16E-05	3.26E-05	0.168937	-5.91937	7.64E-05	0.206154	-4.85074	0.000279442	0.270066	-3.7028	0.000354363	0.282675	-3.53764	0.00301241	0.40828	-2.4493
cg13173045	OR8H2	0.00100267	0.000463248	0.0580565	-17.2246	0.000839285	0.0745725	-13.4098	0.00640897	0.159995	-6.25021	0.00766709	0.170194	-5.87565	0.00135753	0.0904096	-11.0608
cg05555951	OR8H2	0.00103435	0.000131742	0.113922	-8.77795	0.00200904	0.23994	-4.16771	0.0133397	0.36649	-2.72858	0.00289271	0.261535	-3.82357	0.167467	0.617663	-1.61901
cg27191606	OR8H2	0.00660471	0.00163635	0.134449	-7.43778	0.0050512	0.192179	-5.20349	0.03566	0.337	-2.96736	0.0169424	0.273726	-3.65328	0.0104928	0.238652	-4.1902
cg02387612	OR8H3	0.00143167	0.000851324	0.155237	-6.44176	0.00253267	0.210678	-4.74659	0.00328191	0.225621	-4.4322	0.00783141	0.281304	-3.55488	0.612935	0.827308	-1.20874
cg13679311	OR8H3	0.00230412	0.000457022	0.136876	-7.3059	0.00756014	0.28995	-3.44887	0.0596302	0.464945	-2.15079	0.00344907	0.239097	-4.18241	0.261721	0.655955	-1.52449
cg09508275	OR8H3	0.00301688	0.000259516	0.0895013	-11.173	0.00424648	0.215019	-4.65074	0.0343181	0.370963	-2.69568	0.020995	0.32783	-3.05036	0.0742421	0.449801	-2.2232
cg10337521	OR8H3	0.0222668	0.00331015	0.100564	-9.9439	0.0222167	0.207247	-4.82515	0.177519	0.439187	-2.27693	0.0253222	0.217264	-4.60269	0.535354	1.43393	1.43393
cg13706611	OR8I2	0.00133277	0.000125383	0.107387	-9.31215	0.0412986	0.455618	-2.19482	0.0866627	0.531525	-1.88138	0.00300166	0.256886	-3.89278	0.385732	1.34578	1.34578
cg20483694	OR8J1	0.000603142	0.000226843	0.154071	-6.49053	6.92E-05	0.108756	-9.19491	0.00689503	0.343947	-2.90743	0.0178881	0.415531	-2.40656	0.334958	0.738296	-1.35447
cg11323650	OR8J3	0.00468669	0.00182535	0.114381	-8.74272	0.000419834	0.0647706	-15.4391	0.303029	0.593205	-1.68576	0.0444967	0.323204	-3.09402	0.524352	0.729199	-1.37137
cg25472174	OR8J3	0.0109198	0.00162868	0.0814082	-12.2838	0.00296311	0.103695	-9.64369	0.0391647	0.265491	-3.7666	0.0367399	0.259693	-3.8507	0.185589	0.458441	-2.18131
cg20770989	OR8K1	0.00329281	0.0134618	0.204002	-4.90191	0.0141659	0.207501	-4.81926	0.0146335	0.209757	-4.76743	0.0626006	0.336657	-2.97038	0.0019418	0.102516	-9.7546
cg22082267	OR8K1	0.00864596	0.00919536	0.172442	-5.79904	0.00164853	0.0912191	-10.9626	0.0167373	0.211798	-4.72147	0.293505	0.560373	-1.78453	0.232205	0.513804	-1.94627
cg25545500	OR8K1	0.0142493	0.00527559	0.0990912	-10.0917	0.0261407	0.190407	-5.2519	0.0308265	0.203152	-4.92243	0.122003	0.348721	-2.86762	0.00848644	0.121031	-8.26238
cg27314580	OR8K3	6.57E-07	7.87E-08	0.0689727	-14.4985	8.25E-05	0.345078	-2.89789	0.000222935	0.397786	-2.51391	0.0520008	0.717754	-1.39323	0.193461	1.22927	1.22927
cg07851948	OR8K3	0.000127002	0.00395065	0.274635	-3.6412	0.00101189	0.196768	-5.08213	9.74E-05	0.0993679	-10.0636	0.0219663	0.400077	-2.49952	0.000152406	0.114713	-8.71744
cg05572627	OR8K3	0.00827559	0.0192551	0.213869	-4.67576	0.00505278	0.132703	-7.53565	0.0024301	0.100337	-9.96643	0.00839783	0.159764	-6.25923	0.267335	0.532865	-1.87665
cg11371231	OR8K5	0.00520326	0.000358768	0.112562	-8.88402	0.0143281	0.316027	-3.16428	0.429551	0.735188	-1.3602	0.0895559	0.489651	-2.04227	0.686297	1.16754	1.16754
cg23442981	OR8S1	0.00171024	0.00210034	0.104922	-9.53088	0.00466553	0.140806	-7.10195	0.0107328	0.188119	-5.31577	0.0328243	0.272257	-3.673	0.00130389	0.087187	-11.4696
cg27104671	OR8S1	0.00206063	0.00161876	0.0938817	-10.6517	0.0017777	0.0973679	-10.2703	0.0677814	0.34263	-2.9186	0.916354	1.05654	1.05654	0.00115885	0.082224	-12.1619
cg01881778	OR8S1	0.00209192	0.00619287	0.171607	-5.82727	0.0100589	0.201111	-4.97239	0.0249681	0.267885	-3.73294	0.859988	0.916515	-1.09109	0.00154821	0.105645	-9.46563
cg26372842	OR8S1	0.00751148	0.00363855	0.164947	-6.06254	0.792036	0.885992	-1.12868	0.00427882	0.173677	-5.75783	0.018723	0.271143	-3.68809	0.00473775	0.179342	-5.57594
cg15240320	OR8U1;OR8U8	6.33E-05	2.43E-05	0.0733066	-13.6413	0.00256033	0.272418	-3.67082	0.00103816	0.220923	-4.52646	7.01E-05	0.104771	-9.54464	0.474187	1.25392	1.25392
cg20886721	OR8U8	0.000238811	0.000305366	0.128974	-7.75352	2.16E-05	0.0505909	-19.7664	0.0277856	0.403275	-2.4797	0.0339905	0.421383	-2.37314	0.00181906	0.212747	-4.70042
cg24679876	OR8U8	0.000306751	1.66E-05	0.180773	-5.5318	0.0029414	0.454243	-2.20147	0.00230516	0.439152	-2.27712	0.000969558	0.387205	-2.58261	0.000590179	0.358594	-2.78867
cg12746908	OR8U8	0.00348933	0.00217233	0.113869	-8.78199	0.00161946	0.102073	-9.7969	0.0346498	0.288252	-3.46919	0.0280881	0.269801	-3.70644	0.295859	0.578415	-1.72886
cg13932241	OR8U8	0.0058019	0.00310214	0.098769	-10.1246	0.00268923	0.0931902	-10.7307	0.065472	0.306394	-3.26377	0.224534	0.481945	-2.07492	0.434353	0.633576	-1.57834
cg23644457	OR8U8	0.00620612	0.00263566	0.104194	-9.59746	0.0108719	0.175975	-5.68262	0.0161536	0.202104	-4.94794	0.379435	0.612682	-1.63217	0.563396	0.728044	-1.37354
cg25394572	OR8U8	0.0164181	0.261952	0.816086	-1.22536	0.00587454	0.534524	-1.87082	0.00420335	0.513707	-1.94663	0.486276	0.884341	-1.13079	0.160892	0.770898	-1.29719
cg23461432	OR8U8	0.0325279	0.477167	0.8536	-1.17151	0.0589308	0.6268	-1.5954	0.0132896	0.510753	-1.95789	0.169133	0.725555	-1.37826	0.643182	0.90288	-1.10757
cg15122372	OR8U8;OR5AP2	5.99E-07	6.17E-07	0.170426	-5.86763	4.28E-06	0.253183	-3.94971	2.28E-06	0.224823	-4.44794	0.0227869	0.702928	-1.42262	6.36E-05	0.386062	-2.59026
cg25717823	OR8U8;OR5AP2	0.0160495	0.00444209	0.165781	-6.03207	0.0213389	0.26988	-3.70535	0.0621797	0.370069	-2.7022	0.121648	0.451828	-2.21323	0.0600251	0.366246	-2.7304
cg07598370	OR8U8;OR5AP2	0.0289022	0.0111615	0.0957212	-10.447	0.10815	0.274441	-3.64378	0.0559168	0.202393	-4.94089	0.0792678	0.237592	-4.2089	0.0421874	0.177886	-5.62157
cg14029856	OR8U8;OR5AR1	0.0149773	0.00328667	0.0715403	-13.9781	0.00478654	0.0849561	-11.7708	0.0805322	0.279053	-3.58354	0.0834571	0.283187	-3.53123	0.076203	0.272778	-3.66598
cg25291026	OR8U8;OR5M1	7.66E-05	2.04E-05	0.0555942	-17.9875	0.000609461	0.169799	-5.8893	0.00625008	0.302285	-3.30813	0.000128463	0.10696	-9.34931	0.000438533	0.154917	-6.45507
cg06904337	OR8U8;OR5M1	0.0106235	0.105572	0.486998	-2.0534	0.427048	0.718918	-1.39098	0.0120916	0.279929	-3.57233	0.00539152	0.225208	-4.44033	0.900043	0.950149	-1.05247
cg08891047	OR8U8;OR5M11	4.13E-06	2.53E-07	0.0363684	-27.4964	9.55E-05	0.223159	-4.4811	7.62E-05	0.212521	-4.70542	0.0862085	0.664092	-1.50582	0.0422461	0.603379	-1.65733
cg02235529	OR8U8;OR5M11	5.83E-06	1.61E-06	0.0652955	-15.315	2.09E-05	0.143889	-6.94982	0.000108672	0.214157	-4.66947	2.74E-05	0.154342	-6.47912	0.000550341	0.297489	-3.36146
cg00016127	OR8U8;OR5M11	0.00631679	0.0010007	0.0482559	-20.7229	0.0383698	0.225658	-4.43149	0.0368478	0.222161	-4.50125	0.0777091	0.296277	-3.37522	0.016045	0.160647	-6.22483
cg17682535	OR8U8;OR5M3	0.00213571	0.00119266	0.102379	-9.76767	0.000220241	0.052142	-19.1784	0.0906532	0.408842	-2.44593	0.00527295	0.171199	-5.84116	0.040104	0.32042	-3.1209
cg21570611	OR8U8;OR5M3	0.0128388	0.00360144	0.107493	-9.30291	0.00849671	0.149442	-6.69156	0.0335803	0.245414	-4.07474	0.0304615	0.237117	-4.21733	0.981257	1.01338	1.01338
cg01834878	OR8U8;OR5M8	7.53E-05	1.43E-05	0.0672204	-14.8764	5.71E-05	0.107328	-9.31724	0.0236819	0.446177	-2.24126	0.00360484	0.308054	-3.24619	0.000602961	0.205829	-4.8584
cg14186824	OR8U8;OR5M8	0.00417997	0.14335	0.851492	-1.17441	0.00269688	1.52779	1.52779	0.0261388	0.76355	-1.30967	0.253847	1.12954	1.12954	0.0217112	0.754503	-1.32538
cg23339709	OR8U8;OR5M8	0.0237717	0.0174928	0.195553	-5.1137	0.055445	0.293786	-3.40384	0.0613805	0.304452	-3.28459	0.0144833	0.182706	-5.47327	0.0814155	0.336266	-2.97384
cg03812751	OR8U8;OR5M9	0.00357736	0.00133981	0.0667886	-14.9726	0.057051	0.286482	-3.49062	0.02832	0.222457	-4.49524	0.282953	0.523237	-1.91118	0.00229825	0.084257	-11.8685
cg07804888	OR8U8;OR5R1	0.00579578	0.00137285	0.132992	-7.51922	0.154245	0.515443	-1.94008	0.0059498	0.209531	-4.77256	0.0695013	0.413845	-2.41636	0.0205393	0.297419	-3.36226
cg11052535	OR8U8;OR9G9;OR9G1	0.0104152	0.00148207	0.0946257	-10.5679	0.00402426	0.137096	-7.29417	0.0830136	0.372679	-2.68328	0.0472404	0.311137	-3.21402	0.0210902	0.240156	-4.16396
cg19062354	OR8U8;OR9G9;OR9G1	0.011031	0.0116945	0.118741	-8.4217	0.0100756	0.111211	-8.99191	0.054625	0.228879	-4.36912	0.0414737	0.203875	-4.90496	0.0240894	0.162101	-6.16899
cg22382235	OR8U8;OR9G9;OR9G1	0.0277904	0.0065997	0.0622679	-16.0596	0.00619524	0.0602215	-16.6054	0.370625	0.484958	-2.06204	0.0513902	0.174474	-5.73152	0.0898462	0.229508	-4.35715
cg04011062	OR9A2	3.98E-05	1.12E-06	0.0656236	-15.2384	0.911063	1.02432	1.02432	0.0126326	0.513308	-1.94815	0.831706	0.955259	-1.04684	0.00394127	0.434223	-2.30297
cg11480029	OR9A2	0.000107404	4.14E-05	0.172829	-5.78606	0.0148767	0.510069	-1.96052	0.0768367	0.642604	-1.55617	2.67E-05	0.154877	-6.45674	0.485968	0.852906	-1.17246
cg02351199	OR9A2	0.000416512	3.27E-05	0.122545	-8.16024	0.445689	0.816917	-1.22411	0.124798	0.649051	-1.54071	0.502123	0.837621	-1.19386	0.00205793	0.323254	-3.09354
cg09700512	OR9A4	0.000969717	0.000181351	0.0940427	-10.6335	0.878254	0.944392	-1.05888	0.424874	0.737737	-1.3555	0.580346	0.811855	-1.23175	0.000441509	0.126053	-7.93318
cg22402753	OR9G4	0.0197772	0.0055924	0.10151	-9.8512	0.0157356	0.155551	-6.42877	0.0690572	0.27831	-3.59312	0.0854047	0.302536	-3.30539	0.0496032	0.244548	-4.08918
cg03178489	OR9G4	0.025354	0.0209683	0.0915145	-10.9272	0.010875	0.0637451	-15.6875	0.167342	0.281617	-3.55093	0.105094	0.217692	-4.59365	0.0315721	0.114137	-8.76139
cg23110376	OR9G4	0.043274	0.0254687	0.251757	-3.97208	0.340517	0.600347	-1.6657	0.0769235	0.359951	-2.77816	0.0700647	0.349217	-2.86355	0.0338452	0.276094	-3.62195
cg10689409	OR9I1;OR9Q1	3.19E-06	0.0107012	0.580274	-1.72332	0.00563181	1.8524	1.8524	2.99E-05	0.249965	-4.00057	0.00688765	0.55238	-1.81035	0.000721558	0.417781	-2.3936
cg13860283	OR9K2	0.0286206	0.005814	0.126298	-7.91776	0.555255	0.710503	-1.40745	0.0554482	0.288379	-3.46766	0.0766378	0.323661	-3.08965	0.0392372	0.254996	-3.92163
cg16218738	OR9Q1	9.41E-08	0.875652	0.984657	-1.01558	0.994733	1.00065	1.00065	1.59E-08	0.115683	-8.64431	0.0241847	0.766915	-1.30393	0.413236	0.920724	-1.0861
cg05922911	OR9Q1	3.28E-06	0.000103794	0.37285	-2.68204	7.19E-05	0.353718	-2.82711	1.44E-06	0.171776	-5.82154	0.00680761	0.604158	-1.6552	0.152492	0.802308	-1.2464
cg18502477	OR9Q1	4.41E-06	0.0267924	0.66765	-1.49779	0.0730198	0.734983	-1.36057	3.89E-06	0.190882	-5.23883	0.524245	1.10448	1.10448	0.200397	1.23155	1.23155
cg05360806	OR9Q1	1.60E-05	0.905718	0.97822	-1.02226	0.277499	0.810671	-1.23355	6.76E-06	0.15613	-6.4049	0.0682553	0.68425	-1.46145	0.000799601	0.390297	-2.56215
cg02666556	OR9Q1	2.03E-05	0.000387094	0.499589	-2.00165	0.216908	1.17267	1.17267	2.19E-05	0.351629	-2.8439	0.000693455	0.530127	-1.88634	6.78E-05	0.409081	-2.44451
cg14566901	OR9Q1	0.000412053	0.626243	0.846007	-1.18202	0.248622	0.663053	-1.50818	0.000923529	0.185253	-5.39803	0.00497453	0.281724	-3.54957	0.001729	0.218072	-4.58564
cg12682805	OR9Q1	0.000534295	0.64143	0.912092	-1.09638	0.00317542	0.453573	-2.20472	0.000209273	0.296155	-3.37661	0.593498	0.899692	-1.11149	0.0483307	0.642342	-1.5568
cg01890712	OR9Q1	0.00414043	0.701262	0.888504	-1.12549	0.207135	0.664975	-1.50382	0.00127696	0.236745	-4.22395	0.134202	0.609363	-1.64106	0.00738368	0.346902	-2.88266
cg08009345	OR9Q1	0.00502956	0.166621	0.579672	-1.72511	0.185822	0.595289	-1.67986	0.00246447	0.210791	-4.74403	0.196406	0.603459	-1.65711	0.0469536	0.431336	-2.31838
cg25967459	OR9Q1	0.0100614	0.87033	0.917397	-1.09004	0.0696628	0.342769	-2.91742	0.0348368	0.273075	-3.662	0.954642	1.03047	1.03047	0.0101564	0.180699	-5.53406
cg03034198	OR9Q1;OR9Q1	0.0211878	0.298795	1.34699	1.34699	0.0809938	1.70769	1.70769	0.172758	0.669429	-1.49381	0.454378	1.23464	1.23464	0.24764	0.715824	-1.39699
cg00385194	OR9Q2	5.10E-05	0.964906	1.01093	1.01093	0.0503706	0.576201	-1.7355	0.0201247	0.500118	-1.99953	0.421509	1.22502	1.22502	0.00234773	0.350161	-2.85583
cg19350767	OR9Q2	0.000242337	0.064049	0.566488	-1.76526	0.403005	0.791607	-1.26325	0.000210745	0.184162	-5.43	0.0113854	0.421053	-2.37499	0.205307	0.694271	-1.44036
cg13690461	OR9Q2	0.000838933	0.2464	1.52914	1.52914	0.0166578	0.359071	-2.78497	0.000929379	0.176923	-5.65216	0.685212	0.86694	-1.15348	0.109364	0.54246	-1.84345
cg24626674	OR9Q2	0.00428843	0.937249	1.02354	1.02354	0.0312026	2.11097	2.11097	0.0643788	0.541135	-1.84797	0.00369376	0.313644	-3.18833	0.0141442	0.408697	-2.4468
cg06698926	OR9Q2	0.00663474	0.814795	0.923725	-1.08257	0.638066	0.851967	-1.17376	0.00763563	0.313587	-3.18891	0.254506	0.66878	-1.49526	0.179964	0.617854	-1.6185
cg04750099	OR9Q2	0.0143338	0.517354	0.770545	-1.29778	0.481822	1.32829	1.32829	0.00397874	0.214917	-4.65296	0.15222	0.54388	-1.83864	0.248399	0.619318	-1.61468
cg09369190	OR9Q2	0.0238714	0.0225827	0.146457	-6.82795	0.00193877	0.0457371	-21.8641	0.00999403	0.10146	-9.85608	0.503984	0.620619	-1.61129	0.0335684	0.17438	-5.7346
cg02910910	ORAI1	0.00404988	0.00215431	0.250794	-3.98734	0.0160643	2.57534	2.57534	0.818138	0.928721	-1.07675	0.137531	0.598409	-1.6711	0.0315382	0.445046	-2.24696
cg02827278	ORAI1	0.00559936	0.00176449	0.130699	-7.65116	0.740289	0.859031	-1.1641	0.206666	1.83745	1.83745	0.246773	1.73887	1.73887	0.00195392	0.135269	-7.39265
cg23168555	ORAI1	0.0223993	0.413019	0.788189	-1.26873	0.982534	0.993794	-1.00625	0.77055	1.08673	1.08673	0.607605	1.15871	1.15871	0.00186629	0.285039	-3.50829
cg23896972	ORAI1	0.0264155	0.00859923	0.211469	-4.72883	0.0561686	0.366874	-2.72573	0.527493	0.743191	-1.34555	0.0153588	0.251746	-3.97226	0.0186386	0.266536	-3.75184
cg16177250	ORAI2;ORAI2	6.99E-05	0.000142065	0.210545	-4.74958	6.16E-05	0.172953	-5.78192	0.0244337	0.529077	-1.89009	0.000292745	0.246241	-4.06107	2.09E-05	0.130291	-7.67516
cg01924776	ORAI2;ORAI2	0.0331263	0.603667	0.73657	-1.35764	0.0436921	0.258282	-3.87173	0.705634	0.801286	-1.24799	0.587025	0.726028	-1.37736	0.00468377	0.111395	-8.97705
cg09926212	ORAI2;ORAI2	0.0359918	0.725911	0.929629	-1.0757	0.0301992	1.6962	1.6962	0.00895262	1.99226	1.99226	0.491307	0.865087	-1.15595	0.931215	1.01806	1.01806
cg27396583	ORAI3	0.0017069	0.34585	0.915846	-1.09189	0.725838	1.03239	1.03239	0.0605673	1.21119	1.21119	0.000990734	0.642041	-1.55753	0.0226227	0.781008	-1.2804
cg08799467	ORAI3	0.0230829	0.279021	0.922502	-1.08401	0.165667	0.899457	-1.11178	0.781675	1.02011	1.02011	0.00826884	1.27383	1.27383	0.00470446	1.30894	1.30894
cg22827290	ORAI3	0.0425689	0.856237	0.977369	-1.02315	0.0314607	1.37503	1.37503	0.0143487	1.46378	1.46378	0.362559	0.888587	-1.12538	0.486377	1.09338	1.09338
cg09529296	ORAI3;ORAI3	0.00940655	0.376111	1.33662	1.33662	0.283783	0.700679	-1.42719	0.600618	1.1838	1.1838	0.000697607	0.191667	-5.21738	0.502554	1.24279	1.24279
cg26123414	ORAOV1	0.000417875	0.0619509	0.881021	-1.13505	0.278449	1.07028	1.07028	0.00200599	0.76892	-1.30053	2.67E-05	0.606411	-1.64905	0.124539	0.904636	-1.10542
cg03242344	ORAOV1	0.00164774	0.00644682	0.187899	-5.32201	0.000172683	0.049271	-20.2959	0.0170768	0.253568	-3.94372	0.104345	0.432625	-2.31147	0.0157185	0.247327	-4.04322
cg20663548	ORAOV1	0.00694086	0.188419	0.5982	-1.67168	0.857548	0.9359	-1.06849	0.627203	1.19776	1.19776	0.100429	1.94164	1.94164	0.000640463	0.14481	-6.90562
cg06416221	ORAOV1	0.0271471	0.0205566	0.67354	-1.48469	0.996222	0.999329	-1.00067	0.0788996	0.758522	-1.31835	0.411027	1.12646	1.12646	0.0194976	0.670358	-1.49174
cg27422467	ORAOV1	0.0487031	0.250029	0.693802	-1.44133	0.944675	0.979115	-1.02133	0.0233717	0.43872	-2.27936	0.0397712	0.485323	-2.06048	0.0237012	0.439895	-2.27327
cg18646864	ORC1L	0.000164023	0.00304499	0.50091	-1.99637	0.0382547	1.50525	1.50525	0.819723	1.03964	1.03964	0.383767	1.16427	1.16427	6.71E-05	0.288361	-3.46788
cg08613513	ORC1L;ORC1L;PRPF38A	0.00955131	0.539856	0.925385	-1.08063	0.765837	1.03802	1.03802	0.00314437	1.65593	1.65593	0.338133	1.13131	1.13131	0.176779	1.1965	1.1965
cg13460942	ORC1L;ORC1L;PRPF38A	0.0312471	0.0410357	1.37256	1.37256	0.108478	1.26512	1.26512	0.00146484	1.85335	1.85335	0.391862	1.12505	1.12505	0.187433	1.20641	1.20641
cg18227923	ORC1L;PRPF38A	0.0390777	?	?	?	0.117576	2.2604	2.2604	0.84107	0.909258	-1.0998	?	?	?	?	?	?
cg22611163	ORC2L	0.00673318	0.00524032	0.374274	-2.67184	0.0136959	2.25589	2.25589	0.0115894	2.32168	2.32168	0.0396515	1.88683	1.88683	0.0679616	1.72556	1.72556
cg25714096	ORC2L	0.00884695	0.00243191	0.225698	-4.4307	0.963338	1.01635	1.01635	0.133119	0.564662	-1.77097	0.550124	0.807942	-1.23771	0.00106206	0.18141	-5.51238
cg20427312	ORC2L	0.0136751	0.00549672	0.284221	-3.51839	0.416943	0.751331	-1.33097	0.646786	1.17235	1.17235	0.240723	1.52699	1.52699	0.00212553	0.225801	-4.42868
cg01468505	ORC2L	0.0318672	0.0647217	1.81998	1.81998	0.206088	0.680477	-1.46956	0.620619	1.1549	1.1549	0.0293634	2.09738	2.09738	0.0975245	1.69009	1.69009
cg01716600	ORC2L;ORC2L	0.0395572	0.0236975	0.507069	-1.97212	0.662994	1.11658	1.11658	0.242941	1.35973	1.35973	0.161302	0.686466	-1.45674	0.495824	1.18995	1.18995

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00208218	0.318533	1.29	1.29	0.982538	1.00542	1.00542	0.210785	0.722027	-1.38499	0.335398	0.782418	-1.27809	17.5794	16.9865	0.858907	1
cg19217735	0.0445933	0.415515	-2.40665	3.16E-05	0.045581	-21.9389	0.803716	0.909521	-1.09948	0.00849721	0.278258	-3.59378	12.8563	29.5302	2.04173	1
cg23270808	0.0132621	0.589418	-1.69659	0.331285	1.17454	1.17454	0.0233224	0.631217	-1.58424	0.0203093	0.620915	-1.61053	5.73055	2.17662	0.253218	1
cg17086219	0.75841	0.976287	-1.02429	0.793169	1.02065	1.02065	0.0495643	0.840056	-1.1904	0.162224	0.890404	-1.12309	3.97874	0.381312	0.0851889	1
cg04471822	0.149306	0.664335	-1.50526	0.00733924	0.400882	-2.4945	0.103905	0.624813	-1.60048	0.0870731	0.606691	-1.64829	3.68806	4.08614	0.984833	1
cg08415557	0.270471	0.451474	-2.21497	0.00348048	0.0640408	-15.6151	0.0146417	0.124531	-8.03014	0.141762	0.334561	-2.98899	5.46972	41.6136	6.76266	1
cg27581212	0.291371	0.510497	-1.95887	0.00147312	0.0508903	-19.6501	0.00395076	0.0833325	-12.0001	0.493515	0.653361	-1.53055	5.4418	31.4613	4.49665	1
cg05143386	0.955426	1.01486	1.01486	5.19E-05	0.135655	-7.37163	0.0322696	0.515981	-1.93806	0.00528608	0.37897	-2.63873	19.3151	21.3051	0.980469	1
cg25242988	0.312257	0.488776	-2.04593	0.000875434	0.0327896	-30.4975	0.147675	0.345149	-2.8973	0.0605643	0.234788	-4.25917	5.0344	37.3934	6.6023	1
cg03494634	0.255498	1.52778	1.52778	0.644646	0.84721	-1.18034	0.366638	1.39253	1.39253	0.0108412	0.319088	-3.13393	14.7363	29.748	1.79439	1
cg03025082	0.0155249	0.310153	-3.22421	0.598534	1.23312	1.23312	0.0244512	0.347383	-2.87867	0.00578514	0.240268	-4.16201	10.8052	26.6204	2.18992	1
cg00326208	0.0650294	0.667634	-1.49783	0.00262008	0.443735	-2.2536	8.33E-05	0.251278	-3.97965	0.257878	0.794341	-1.25891	15.8158	9.52597	0.535386	1
cg23941354	0.00136745	0.315532	-3.16926	0.000739843	0.280169	-3.56928	9.38E-05	0.177438	-5.63579	0.0306764	0.532387	-1.87833	14.3309	13.9925	0.867903	1
cg21196772	0.208662	0.759226	-1.31713	0.592493	0.893791	-1.11883	0.000384312	0.307989	-3.24686	0.312919	1.24226	1.24226	6.23952	4.26834	0.608073	1
cg24693160	0.254061	0.65498	-1.52676	0.617745	1.19573	1.19573	0.00198724	0.211918	-4.7188	0.149741	0.577704	-1.73099	5.15521	10.3063	1.77707	1
cg24360034	0.173978	0.870799	-1.14837	2.06E-09	0.066852	-14.9584	1.61E-09	0.0613579	-16.2978	5.21E-08	0.165823	-6.03052	234.075	33.9179	0.128802	1
cg03168749	0.0359533	0.669472	-1.49371	8.71E-05	0.314285	-3.18182	4.67E-05	0.282741	-3.53681	0.00011588	0.329148	-3.03815	40.6528	17.4132	0.380747	1
cg25362709	0.703385	0.876404	-1.14103	0.0581401	0.477836	-2.09277	0.0764105	0.506721	-1.97347	0.0458747	0.454193	-2.20171	6.0866	11.4648	1.67432	1
cg04948906	0.489131	1.3595	1.3595	0.0112647	0.249684	-4.00507	0.0168113	0.279387	-3.57927	0.128688	0.487879	-2.04969	5.26434	15.9275	2.68938	1
cg22089701	0.153562	1.25803	1.25803	0.000316963	2.40193	2.40193	0.972345	0.994806	-1.00522	0.323496	1.16555	1.16555	7.07477	2.52879	0.317723	1
cg24653728	0.0836828	0.591213	-1.69144	0.531916	1.18986	1.18986	0.000705253	0.242324	-4.12671	0.473421	0.818574	-1.22164	5.8705	7.0083	1.06117	1
cg14887116	0.68419	0.937994	-1.0661	0.642681	1.07587	1.07587	0.00144969	0.486617	-2.055	0.620047	0.924751	-1.08137	5.24347	2.03471	0.34493	1
cg16612699	0.0280564	0.67822	-1.47445	0.00913439	1.6414	1.6414	0.581761	1.08681	1.08681	0.11616	0.774519	-1.29112	19.1637	6.79699	0.315271	1
cg14620221	0.278435	1.31218	1.31218	0.00216796	0.354361	-2.82198	0.41527	0.818124	-1.22231	0.171307	0.703893	-1.42067	14.9229	13.7356	0.818165	1
cg24027109	0.0012894	0.45723	-2.18708	0.152053	0.774133	-1.29177	0.000123258	0.327106	-3.05711	0.00101205	0.443218	-2.25622	14.1748	6.24952	0.391901	1
cg11195360	0.00243688	0.443491	-2.25484	0.411546	1.17566	1.17566	0.85141	0.964504	-1.0368	0.692502	0.926254	-1.07962	11.8755	6.98653	0.522945	1
cg03460239	0.902469	1.03181	1.03181	0.405899	1.24255	1.24255	4.73E-05	0.14108	-7.0882	0.38011	0.79458	-1.25853	10.0679	10.4007	0.918271	1
cg13667021	0.135587	1.28809	1.28809	0.00585959	1.7642	1.7642	0.0205941	0.644718	-1.55107	0.0747823	0.731715	-1.36665	8.1116	3.18244	0.348739	1
cg01699693	0.920214	0.988266	-1.01187	0.0230311	1.37748	1.37748	0.716869	0.958002	-1.04384	0.0215171	0.722312	-1.38444	33.5683	7.37883	0.195392	1
cg27160556	0.59592	1.23036	1.23036	0.0636318	0.445866	-2.24283	0.605527	1.22362	1.22362	0.396898	0.7146	-1.39938	3.95496	9.39845	2.11233	1
cg15952370	0.0989814	1.45674	1.45674	0.000310578	0.296167	-3.37647	0.340432	1.2267	1.2267	0.165304	0.735065	-1.36042	14.2867	9.78762	0.608964	1
cg04629433	0.0212691	1.6431	1.6431	0.00112884	2.36218	2.36218	0.356735	1.18533	1.18533	0.128549	0.74479	-1.34266	10.7319	5.46849	0.452937	1
cg25528806	0.0211173	0.440653	-2.26936	0.834664	1.06371	1.06371	0.311251	1.36288	1.36288	0.049973	0.516534	-1.93598	6.9059	9.55211	1.22949	1
cg25762654	0.693722	0.94508	-1.05811	0.000107531	0.3773	-2.65041	5.95E-05	2.88574	2.88574	0.153884	0.804228	-1.24343	27.1018	8.74233	0.286732	1
cg02613300	0.713558	1.07066	1.07066	0.000301415	0.336764	-2.96943	0.0158501	1.7285	1.7285	0.605983	1.10116	1.10116	11.9975	6.517	0.482843	1
cg12453675	0.0081862	0.350217	-2.85537	0.00839227	0.352004	-2.84087	0.271453	0.701176	-1.42617	0.0315306	0.457514	-2.18572	7.28489	11.0936	1.35362	1
cg22476960	0.273237	0.845147	-1.18323	0.00495937	0.577574	-1.73138	0.00128277	1.999	1.999	0.385786	0.877051	-1.14018	8.64556	2.98108	0.306498	1
cg08300990	0.302415	1.12647	1.12647	0.0121886	1.4165	1.4165	0.000883969	0.573818	-1.74271	0.588504	0.94093	-1.06278	5.94154	1.16925	0.174926	1
cg11321070	0.00579906	0.479493	-2.08554	0.0795905	1.48547	1.48547	0.580608	0.892705	-1.12019	2.74E-06	0.101216	-9.87988	32.72	21.4364	0.582353	1
cg22629065	0.00124932	0.18585	-5.38069	0.000884619	0.168902	-5.92061	0.00762586	0.293893	-3.4026	0.00420851	0.25457	-3.9282	10.0128	20.2051	1.79372	1
cg27444644	5.99E-05	0.195085	-5.12598	0.000143391	0.236121	-4.23512	0.000898849	0.334662	-2.98809	0.000408592	0.290363	-3.44396	24.2015	18.5953	0.682979	1
cg13173045	0.00388865	0.134134	-7.45524	0.000751219	0.0712467	-14.0357	0.00717395	0.166351	-6.01138	0.00196352	0.104235	-9.5937	11.7577	49.7203	3.7589	1
cg05555951	0.000420946	0.160386	-6.23494	0.0911611	0.543752	-1.83907	0.0333011	0.442819	-2.25826	0.00140897	0.220066	-4.54409	11.6543	19.7912	1.5095	1
cg27191606	0.0129694	0.253674	-3.94206	0.00680884	0.210211	-4.75713	0.00976168	0.2337	-4.27898	0.0176941	0.277107	-3.60872	6.73587	21.1107	2.78583	1
cg02387612	0.000255814	0.106692	-9.37281	0.00509231	0.252639	-3.95821	0.0314359	0.391477	-2.55443	0.00362046	0.231472	-4.32018	10.6211	23.2307	1.94421	1
cg13679311	0.00043821	0.135142	-7.39964	0.119808	0.544406	-1.83686	0.0285211	0.394118	-2.53731	0.00308188	0.23236	-4.30366	9.25114	19.0185	1.82738	1
cg09508275	0.00143029	0.156876	-6.37446	0.461894	0.740209	-1.35097	0.0525524	0.412592	-2.4237	0.00401902	0.211754	-4.72247	8.5439	21.8296	2.2711	1
cg10337521	0.317301	0.552365	-1.8104	0.391899	1.65475	1.65475	0.25241	0.503365	-1.98663	0.0106014	0.157954	-6.33094	4.53513	23.6794	4.64118	1
cg13706611	0.00197851	0.232343	-4.30398	0.175569	1.61775	1.61775	0.0849392	0.529294	-1.88931	0.00346889	0.26579	-3.76237	10.8415	19.1514	1.57022	1
cg20483694	0.00112728	0.231626	-4.31731	0.00459146	0.316231	-3.16225	0.00486736	0.320114	-3.12389	0.00280844	0.284727	-3.51213	13.5641	20.0023	1.3108	1
cg11323650	0.00594193	0.171885	-5.81783	0.927557	1.04552	1.04552	0.022562	0.262644	-3.80743	0.015587	0.234181	-4.2702	7.48473	28.4021	3.37304	1
cg25472174	0.0097626	0.162716	-6.14566	0.0965037	0.362795	-2.75638	0.0386671	0.264321	-3.78327	0.0150396	0.190037	-5.26213	5.74605	28.0961	4.34634	1
cg20770989	0.0290796	0.262783	-3.80542	0.000536361	0.060901	-16.4201	0.0295151	0.264053	-3.78711	0.00112787	0.0828938	-12.0636	8.32421	35.5878	3.80019	1
cg22082267	0.00429725	0.131395	-7.61066	0.564503	1.36285	1.36285	0.0731959	0.345785	-2.89197	0.00722158	0.158409	-6.31279	6.1906	27.6964	3.97684	1
cg25545500	0.0795333	0.294291	-3.398	0.00283978	0.0755806	-13.2309	0.0362797	0.216531	-4.61828	0.0219783	0.177806	-5.6241	5.2692	32.9662	5.56124	1
cg27314580	3.87E-07	0.113083	-8.84306	0.00189225	1.93576	1.93576	5.78E-06	0.216425	-4.62053	1.36E-05	0.255395	-3.91551	81.6179	29.0885	0.316799	1
cg07851948	0.00224734	0.240315	-4.16121	0.741283	1.11677	1.11677	9.53E-05	0.0986558	-10.1363	4.31E-05	0.0750649	-13.3218	20.7664	36.5464	1.56434	1
cg05572627	0.0216939	0.222825	-4.48782	0.430563	1.55004	1.55004	0.101878	0.377029	-2.65231	0.00686782	0.148556	-6.73147	6.27682	29.5007	4.17773	1
cg11371231	0.00282022	0.208168	-4.80381	0.540362	0.789414	-1.26676	0.0345024	0.390393	-2.56152	0.00809962	0.274311	-3.6455	7.24976	16.7102	2.04882	1
cg23442981	0.00563332	0.150554	-6.64213	0.00036744	0.0511546	-19.5486	0.0021986	0.10676	-9.36681	0.00906743	0.177621	-5.62997	10.0902	43.3944	3.82279	1
cg27104671	0.63438	1.28508	1.28508	0.000912001	0.0745843	-13.4077	0.0221525	0.237884	-4.20373	0.0077241	0.1667	-5.99879	9.55831	41.4911	3.85852	1
cg01881778	0.464208	0.692232	-1.4446	0.000251029	0.0507105	-19.7198	0.00800179	0.186721	-5.35558	0.00221261	0.120328	-8.31059	9.51637	36.745	3.43222	1
cg26372842	0.603144	1.27158	1.27158	0.00414154	0.171893	-5.81758	0.0665745	0.389722	-2.56593	0.0470388	0.353033	-2.8326	6.47091	21.5048	2.95405	1
cg15240320	7.50E-05	0.107041	-9.34225	0.00075475	0.204316	-4.89438	0.00604003	0.327935	-3.04939	4.16E-05	0.0883304	-11.3211	25.0066	38.2753	1.36054	1
cg20886721	0.000871966	0.174865	-5.7187	0.000604753	0.157806	-6.3369	0.000353783	0.134859	-7.41513	0.0068184	0.294068	-3.40058	17.507	33.8083	1.71657	1
cg24679876	0.146201	0.739779	-1.35176	?	?	?	0.325946	0.822032	-1.2165	0.0245858	0.596109	-1.67755	16.7556	8.80692	0.525612	1
cg12746908	0.00581174	0.161302	-6.19956	0.000623872	0.0701084	-14.2636	0.014357	0.217756	-4.59229	0.014559	0.218743	-4.57158	8.18128	33.0512	3.59098	1
cg13932241	0.0340472	0.242834	-4.11803	0.000558505	0.0467674	-21.3824	0.192284	0.454027	-2.20251	0.00947424	0.152459	-6.55915	7.01138	36.3482	4.60815	1
cg23644457	0.00838727	0.160458	-6.23216	0.00143786	0.0817958	-12.2256	0.0509527	0.29879	-3.34683	0.00458444	0.128664	-7.77218	6.86711	32.1068	4.15595	1
cg25394572	0.120956	0.746639	-1.33934	0.510231	0.890433	-1.12305	0.853332	0.968358	-1.03268	0.00148578	0.451008	-2.21726	5.02762	2.40365	0.424967	1
cg23461432	0.421277	1.19712	1.19712	0.053766	1.61544	1.61544	0.0210128	1.83673	1.83673	0.431232	0.838675	-1.19236	3.97054	3.01605	0.675206	1
cg15122372	3.24E-06	0.240596	-4.15635	0.00362979	1.66381	1.66381	0.00033965	0.473909	-2.11011	1.11E-07	0.110213	-9.0733	83.5812	22.1492	0.235557	1
cg25717823	0.0105003	0.217694	-4.59361	0.00331442	0.15053	-6.64318	0.263067	0.575557	-1.73745	0.017678	0.255085	-3.92026	5.06578	17.9842	3.15567	1
cg07598370	0.0252066	0.140364	-7.12436	0.00473823	0.0628273	-15.9166	0.04189	0.17731	-5.63983	0.0338759	0.160852	-6.21691	4.14118	35.6915	7.66105	1
cg14029856	0.0504412	0.230354	-4.34115	0.00498329	0.086511	-11.5592	0.078986	0.276834	-3.61227	0.0167583	0.146254	-6.83743	5.1833	35.594	6.10405	1
cg25291026	0.00134703	0.209388	-4.77582	4.22E-05	0.0731142	-13.6772	0.00166704	0.22096	-4.5257	0.000101533	0.0990738	-10.0935	23.7727	42.4395	1.58686	1
cg06904337	0.0119492	0.279058	-3.58348	0.000888564	0.131853	-7.58423	0.109376	0.491462	-2.03474	0.0391256	0.378509	-2.64195	5.79712	15.2041	2.33129	1
cg08891047	5.90E-06	0.111146	-8.99719	0.783561	1.06126	1.06126	0.000270164	0.275325	-3.63208	6.20E-06	0.112776	-8.86715	50.9714	37.6395	0.656393	1
cg02235529	6.01E-06	0.10091	-9.90979	6.99E-06	0.105636	-9.46649	0.000120377	0.219011	-4.56599	3.08E-05	0.15903	-6.28813	46.6538	37.7314	0.71889	1
cg00016127	0.120267	0.351477	-2.84513	0.00124974	0.0536733	-18.6313	0.0392632	0.22767	-4.39233	0.00463373	0.0966187	-10.35	6.82964	41.6373	5.41916	1
cg17682535	0.0212397	0.264801	-3.77642	0.069411	0.37736	-2.64999	0.0383981	0.316293	-3.16162	0.000900807	0.0922076	-10.8451	9.45896	34.4885	3.24099	1
cg21570611	0.0271065	0.227531	-4.39501	0.394532	1.63803	1.63803	0.0166717	0.191288	-5.22772	0.0226239	0.213384	-4.68638	5.45231	27.6526	4.50819	1
cg01834878	0.000104435	0.128822	-7.76266	0.00013401	0.138435	-7.22358	0.00334473	0.303257	-3.29753	0.000245985	0.163689	-6.10913	23.8774	33.7643	1.25695	1
cg14186824	0.214649	0.87499	-1.14287	0.0102557	1.39205	1.39205	0.195824	0.869494	-1.15009	0.0106935	0.720366	-1.38818	7.74889	1.28256	0.147125	1
cg23339709	0.0235994	0.217578	-4.59606	0.582527	1.36786	1.36786	0.148922	0.417528	-2.39505	0.00404813	0.113277	-8.82793	4.43404	22.3578	4.48206	1
cg03812751	0.00779181	0.137593	-7.26782	0.00278737	0.091325	-10.9499	0.0135518	0.169675	-5.89361	0.00142711	0.0686674	-14.563	8.12047	43.352	4.74543	1
cg07804888	0.0033117	0.175831	-5.68726	0.00514661	0.200769	-4.98084	0.0279324	0.323457	-3.0916	0.00524393	0.201885	-4.95331	7.01366	20.9751	2.65832	1
cg11052535	0.0321081	0.274996	-3.63641	0.0130619	0.205278	-4.87143	0.00999447	0.187752	-5.32616	0.0960261	0.390623	-2.56001	5.83409	24.4357	3.72306	1
cg19062354	0.0169848	0.139615	-7.16256	0.00172509	0.0485908	-20.58	0.0382447	0.197046	-5.07496	0.00898025	0.105684	-9.4622	5.72732	41.4962	6.44027	1
cg22382235	0.0232554	0.118238	-8.45752	0.164927	0.311569	-3.20956	0.0527238	0.176672	-5.66019	0.0162164	0.0988025	-10.1212	4.19887	41.2068	8.72335	1
cg04011062	0.152033	0.718889	-1.39104	0.00572647	2.17959	2.17959	0.00214628	0.395669	-2.52736	0.000174778	0.254199	-3.93393	28.2672	20.7109	0.651275	1
cg11480029	0.853581	0.95933	-1.04239	0.0853697	1.53329	1.53329	0.127087	0.69016	-1.44894	3.31E-05	0.163523	-6.11534	21.7213	17.3757	0.711057	1
cg02351199	0.06196	0.578835	-1.72761	0.00153891	0.305654	-3.27168	0.00376974	0.361701	-2.76471	0.000110849	0.170518	-5.86447	15.0315	16.1088	0.952594	1
cg09700512	0.0782004	0.48175	-2.07576	0.977048	1.0108	1.0108	0.00436347	0.241397	-4.14255	0.000289129	0.110017	-9.08947	11.8695	26.1882	1.96119	1
cg22402753	0.0180527	0.164339	-6.085	0.0059704	0.104371	-9.5812	0.111705	0.336511	-2.97167	0.0153182	0.153881	-6.49854	4.7225	29.5653	5.56492	1
cg03178489	0.0158065	0.0784269	-12.7507	0.0044856	0.0383075	-26.1046	0.0838502	0.19262	-5.19158	0.0461175	0.139812	-7.15248	4.33596	50.9006	10.4348	1
cg23110376	0.228546	0.518678	-1.92798	0.982155	0.988449	-1.01169	0.431326	0.658881	-1.51773	0.00242295	0.111516	-8.96728	3.57739	15.2886	3.79882	1
cg10689409	0.00102821	0.438103	-2.28257	6.61E-07	0.100233	-9.97673	0.000490636	0.395984	-2.52536	3.52E-07	0.0824239	-12.1324	54.5069	24.8475	0.405209	1
cg13860283	0.0338672	0.241966	-4.13282	0.00339768	0.102182	-9.78642	0.139247	0.401904	-2.48815	0.1542	0.4174	-2.39578	4.15553	21.5945	4.61918	1
cg16218738	0.004804	1.44698	1.44698	0.402983	0.918967	-1.08818	0.571829	1.05803	1.05803	4.94E-09	0.0820351	-12.1899	133.628	20.6334	0.137252	1
cg05922911	5.52E-05	0.340037	-2.94086	2.66E-06	0.196942	-5.07763	0.0191099	0.66523	-1.50324	4.10E-07	0.125818	-7.94796	54.0983	17.6984	0.290802	1
cg18502477	0.000119265	0.354784	-2.81862	0.0171515	0.639351	-1.56409	7.36E-05	0.329575	-3.03421	1.54E-07	0.080567	-12.412	50.1302	18.8269	0.333831	1
cg05360806	0.00357602	0.480268	-2.08217	0.0158942	0.577608	-1.73128	0.000119519	0.286429	-3.49127	5.96E-07	0.0777957	-12.8542	35.9029	19.6404	0.486261	1
cg02666556	0.0264479	0.72424	-1.38076	7.34E-05	0.413143	-2.42047	0.0967682	0.79971	-1.25045	1.83E-06	0.233099	-4.29001	33.7563	8.03577	0.211602	1
cg14566901	0.000516882	0.157919	-6.33234	9.01E-05	0.0919599	-10.8743	0.00149667	0.210208	-4.75719	0.000308868	0.136004	-7.35273	15.0762	27.7191	1.6343	1
cg12682805	0.706875	1.07693	1.07693	0.0253213	0.593544	-1.6848	0.911636	0.978456	-1.02202	2.24E-05	0.188658	-5.30061	14.0297	8.55258	0.541872	1
cg01890712	0.0802236	0.551443	-1.81342	0.0597693	0.521273	-1.91838	0.777931	0.91694	-1.09058	0.000192703	0.14582	-6.85775	7.77117	11.5769	1.3242	1
cg08009345	0.0505975	0.438802	-2.27893	0.583858	1.22696	1.22696	0.585638	0.815828	-1.22575	0.000151206	0.090301	-11.0741	7.3254	15.8622	1.92477	1
cg25967459	0.00984947	0.178798	-5.59289	0.00161384	0.0920051	-10.869	0.0380664	0.281141	-3.55694	0.00534335	0.144215	-6.93408	5.89905	26.0196	3.92072	1
cg03034198	0.609157	1.1533	1.1533	0.942003	1.02033	1.02033	0.259087	1.38495	1.38495	0.000906183	0.253389	-3.94651	4.61298	5.58928	1.07702	1
cg00385194	0.000284586	0.23107	-4.32769	1.93E-06	0.0542522	-18.4324	0.21138	0.722211	-1.38464	3.51E-05	0.138713	-7.20911	26.4809	25.6215	0.860039	1
cg19350767	0.00233579	0.313385	-3.19096	3.84E-05	0.115881	-8.62953	9.96E-05	0.151744	-6.59005	0.000457388	0.221559	-4.51348	17.4372	20.592	1.04971	1
cg13690461	0.00480965	0.269612	-3.70904	9.68E-05	0.0881084	-11.3497	0.00485561	0.270227	-3.70059	0.000924222	0.176653	-5.66082	12.3655	24.0409	1.72817	1
cg24626674	0.154814	0.637634	-1.5683	0.00062122	0.210953	-4.74039	0.460029	0.800683	-1.24893	0.0172423	0.424258	-2.35706	7.6891	10.635	1.22945	1
cg06698926	0.0216378	0.393591	-2.54071	0.00141102	0.209547	-4.77219	0.0113706	0.342536	-2.9194	0.000972207	0.190216	-5.25718	6.72639	12.1796	1.60953	1
cg04750099	0.256594	0.624871	-1.60033	0.344409	0.679274	-1.47216	0.0141252	0.300387	-3.32904	0.000962921	0.141988	-7.04284	5.25895	13.1336	2.21989	1
cg09369190	0.102581	0.284625	-3.51339	0.145766	0.33331	-3.00021	0.0325701	0.172088	-5.81099	0.302291	0.471545	-2.12069	4.42763	34.7025	6.96687	1
cg02910910	0.198045	0.646118	-1.5477	0.0111695	0.360228	-2.77602	0.00938815	0.347358	-2.87887	0.00231292	0.254984	-3.92182	7.8232	12.7717	1.45115	1
cg02827278	0.0474218	0.354882	-2.81784	0.00493987	0.182578	-5.4771	0.417704	0.685025	-1.4598	0.0371873	0.331222	-3.01912	7.08846	23.425	2.93748	1
cg23168555	0.00797346	0.380123	-2.63073	0.016066	0.432594	-2.31163	0.836088	0.942781	-1.06069	0.150215	0.644915	-1.55059	4.5259	5.79782	1.13869	1
cg23896972	0.139221	0.478143	-2.09142	0.006839	0.197083	-5.074	0.839976	1.09827	1.09827	0.0637839	0.380567	-2.62766	4.27431	14.5511	3.02605	1
cg16177250	0.00042382	0.265621	-3.76477	3.92E-05	0.1543	-6.48088	0.330624	0.787927	-1.26915	0.0262683	0.534811	-1.86982	24.3547	21.7452	0.793648	1
cg01924776	0.0508675	0.272918	-3.6641	0.00564011	0.119939	-8.33754	0.219411	0.470502	-2.12539	0.0307137	0.227242	-4.40059	3.94463	21.2922	4.79802	1
cg09926212	0.0320863	1.68295	1.68295	0.66391	0.913346	-1.09488	0.0473915	0.624832	-1.60043	0.594371	0.894554	-1.11788	3.82815	2.60597	0.6051	1
cg27396583	0.00885377	0.739555	-1.35216	0.451423	0.932884	-1.07194	0.00330282	1.43675	1.43675	0.00224484	0.678835	-1.47311	10.0959	1.31103	0.115429	1
cg08799467	0.763134	1.0219	1.0219	0.304847	1.07913	1.07913	0.0178795	1.22911	1.22911	0.271725	1.08546	1.08546	4.4793	0.364408	0.0723146	1
cg22827290	0.116245	0.806171	-1.24043	0.0255426	0.715393	-1.39783	0.537243	0.924171	-1.08205	0.69067	0.950764	-1.05179	3.59931	0.908229	0.224297	1
cg09529296	0.00321164	0.276743	-3.61346	0.589903	0.840456	-1.18983	0.136273	1.6699	1.6699	0.923512	1.03115	1.03115	6.02714	9.73994	1.43646	1
cg26123414	0.00938264	0.819954	-1.21958	0.21451	1.08194	1.08194	0.944116	1.00423	1.00423	0.00381972	1.26497	1.26497	15.018	0.863874	0.0511312	1
cg03242344	0.0481103	0.344361	-2.90393	0.000421935	0.071597	-13.9671	0.00164736	0.119271	-8.38427	0.138574	0.471203	-2.12223	10.1995	35.9759	3.13532	1
cg20663548	0.500503	1.28676	1.28676	0.00156377	0.187191	-5.34214	0.764551	0.895164	-1.11711	0.181655	0.592878	-1.68669	6.63264	14.2802	1.9138	1
cg06416221	0.2132	0.830532	-1.20405	0.0507445	1.37067	1.37067	0.204858	0.827377	-1.20864	0.0138305	0.649902	-1.53869	4.23358	1.34537	0.282475	1
cg27422467	0.0301709	0.460585	-2.17115	0.0340883	0.471371	-2.12147	0.392617	1.30517	1.30517	0.0862323	0.561889	-1.77971	3.42209	5.01251	1.302	1
cg18646864	0.00023334	0.353619	-2.8279	4.28E-05	0.265961	-3.75994	0.881585	1.02571	1.02571	0.059622	0.69627	-1.43623	19.3839	8.90382	0.408303	1
cg08613513	0.00732674	0.64924	-1.54026	0.9117	1.01396	1.01396	0.560876	1.07624	1.07624	0.0029756	1.66403	1.66403	5.99789	1.48294	0.219773	1
cg13460942	0.0141686	1.5016	1.5016	0.399331	1.12287	1.12287	0.491308	1.09844	1.09844	0.578615	0.927413	-1.07827	4.02801	1.15085	0.253967	1
cg18227923	0.387534	1.52369	1.52369	0.953518	1.028	1.028	?	?	?	0.00546933	0.163718	-6.10808	4.41022	8.52409	2.70593	1
cg22611163	0.278625	0.740353	-1.35071	0.0324918	1.95027	1.95027	0.342555	1.29818	1.29818	0.112376	0.63048	-1.58609	6.69566	7.55221	1.0026	1
cg25714096	0.0909462	0.5185	-1.92864	0.0039614	0.254925	-3.92273	0.416739	0.746208	-1.34011	0.0321373	0.412592	-2.4237	6.14571	12.11	1.75154	1
cg20427312	0.381234	0.733796	-1.36278	0.0517782	0.46635	-2.14431	0.122199	1.78125	1.78125	0.075991	0.506343	-1.97495	5.34091	10.0472	1.67216	1
cg01468505	0.0940458	1.70128	1.70128	0.0111449	0.399191	-2.50506	0.73561	0.90681	-1.10277	0.319486	0.74309	-1.34573	3.99983	5.27751	1.17283	1
cg01716600	0.0461082	0.562862	-1.77664	0.00416241	0.380668	-2.62696	0.887153	0.964922	-1.03635	0.30429	0.765256	-1.30675	3.69826	3.70417	0.890309	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T vs. N)	F(Error
cg16178229	ORC3L;ORC3L	0.000504781	0.00920051	0.673599	-1.6197	1.446027	0.892897	-1.11995	0.0765363	0.750359	-1.3327	6.24E-05	0.340978	-2.03274	0.00149551	0.512907	-1.94967	0.0331813	0.695501	-1.43781	0.00166049	1.92753	1.92753	0.457463	-1.08006	13.3368	4.49241	0.209417	1
cg20431181	ORC3L;ORC3L	0.0309971	0.979825	1.00997	1.00997	0.036245	0.170011	-5.88196	0.128561	0.524916	-1.90507	0.473078	1.33152	1.33152	0.0124549	0.295196	1.38758	0.0693611	0.450627	-2.21913	0.846625	0.926834	-1.07894	0.970005	0.985355	-1.01486	0.345648	0.683121	-1.46387	4.03956	9.84925	2.16729	1
cg18300819	ORC3L;ORC3L;ORC4L;ORC1;ORC3L;RARS2	0.0295708	0.581676	0.896036	-1.11603	0.107869	1.413157	1.413157	0.699898	1.07941	1.07941	0.377075	1.1958	1.1958	0.9777707	0.994503	-1.005553	0.64407	0.912303	-1.09613	0.00137196	0.400111	-2.49931	0.762694	1.06156	1.06156	0.0493775	1.55655	1.55655	4.10778	2.53203	0.54791	1
cg07868688	ORC3L;ORC3L;ORC3L;ORC3L;RARS2	0.0301381	0.956662	1.00045	1.00046	0.289628	1.12907	1.12907	0.251054	1.12824	1.1256	0.0863404	1.809215	-1.23577	0.286943	1.12991	1.12991	0.213133	1.15657	1.1565	0.00397553	0.619374	-1.5338	0.218051	0.866648	-1.15387	0.228405	1.14986	1.14986	4.08017	0.788473	0.171773	1
cg26646634	ORC4L;ORC4L	0.00131829	0.6002013	1.7304	1.7304	0.353519	1.762439	1.76249	0.554633	1.16703	1.16703	0.2932	0.754402	-1.32555	0.0363408	0.533191	-1.8755	0.00315595	0.352515	-2.83676	0.0109443	0.438073	-2.28273	0.181002	0.644954	-1.5505	0.53E-05	0.165966	-6.02554	1.30E-05	1.50563	0.94045	1
cg05218490	ORC4L;ORC4L	0.00676492	0.00277541	0.677168	-1.47674	0.261146	0.895137	-1.11711	0.488116	1.16866	1.06866	0.0721333	0.827231	-1.20885	0.541484	1.06015	1.06015	0.0182434	0.762777	-1.318	0.00229028	0.670338	-1.49178	0.311598	0.900733	-1.10408	0.0210747	1.29651	1.29651	6.68587	0.945581	0.125715	1
cg08381325	ORC4L;ORC4L	0.0149582	0.431035	0.900033	-1.11107	0.264678	1.16457	1.16457	0.183806	1.20296	1.20296	0.0127926	0.666803	-1.49969	0.00984524	0.652116	-1.53347	0.314797	0.872649	-1.14594	0.578845	0.929154	-1.07625	0.0669117	0.76401	-1.30888	0.00906395	1.54439	1.54439	5.18549	1.41046	0.241778	1
cg04106641	ORC4L;ORC4L	0.0162669	0.752764	0.900899	-1.111	0.478594	1.13088	1.13088	0.392952	0.974704	-1.02595	0.00446696	0.277022	-3.60983	0.109426	1.07014	1.07014	0.245206	0.690703	-1.4474	0.353655	0.641538	0.824467	-1.20705	0.0317622	1.21519	1.21519	3.817358	5.605848	1.30528	1
cg14961391	ORC4L;ORC4L	0.0381298	0.0683103	2.04922	2.04322	0.048587	1.68733	1.68733	0.116194	1.81685	1.81685	0.983811	1.00712	1.00712	0.0328757	2.1811	2.1811	0.642501	1.17762	1.17762	0.2882448	1.4705	1.4705	0.0387755	2.46437	2.46437	0.16639	0.597008	1.67502	1.67502	7.26199	1.72207	1
cg15057156	ORC4L;ORC4L;ORC4L	0.0441851	0.00900813	0.753567	-1.32702	0.187435	0.887777	-1.12642	0.0406256	0.817561	-1.22315	0.0092635	0.754746	-1.32495	0.0836274	0.849464	-1.17721	0.0187659	0.784553	-1.27461	0.337102	0.919131	-1.08798	0.547624	0.949472	-1.05322	0.996035	0.999577	-1.00042	3.5497	0.408168	0.10221	1
cg24121502	ORC4L;ORC4L;ORC4L;ORC4L	2.31E-06	0.00693964	0.735805	-1.35897	0.139125	0.911313	-1.0973	1.55E-05	2.19232	1.19232	0.0179132	0.956824	-1.04512	0.0002E-06	2.49556	2.49556	0.128544	1.155516	1.15552	0.0012008	2.37967	2.37967	0.0442019	1.25254	1.25254	0.0751197	0.997274	1.002773	59.2274	7.2315	0.108531	1
cg12302377	ORC5L;ORC5L	0.0121333	0.304884	1.24983	1.24983	0.357564	1.21968	1.21968	0.220517	0.763113	-1.31042	0.856753	0.962786	-1.03865	0.00161248	0.387109	-2.58325	0.0535906	0.631237	-1.58419	0.00194803	0.398656	-2.50843	0.956255	1.01158	1.01158	0.186965	0.745588	-1.34122	5.55355	3.87469	0.620175	1
cg00280074	ORC5L;ORC5L	0.0150816	0.740464	0.910904	-1.07077	0.644271	0.909317	1.09973	0.582043	0.892191	-1.12084	0.00156328	0.266421	-3.75546	0.0042237	0.839373	-1.19137	0.523913	1.14209	1.14209	0.385617	0.83713	-1.19454	0.372705	0.792638	-1.26161	0.0418112	0.838184	-1.19306	5.71741	3.46595	0.595746	1
cg18294158	ORC5L;ORC5L	0.0189381	0.0144337	0.224905	-4.4442	0.439231	1.40901	1.40901	0.244446	0.648787	-1.8222	0.1634687	1.11553	1.11553	0.00510646	0.163473	2.09298	0.0866108	0.393481	-2.54142	0.00340003	0.405607	-2.46507	-1.71405	0.0373931	0.304119	-3.28819	0.229528	0.537238	-1.86137	4.79234	18.4311	3.41863	1
cg26649103	ORG6L	0.000219852	0.0650084	0.657118	-1.5218	9.47E-05	0.244266	-4.09389	0.00156852	0.398304	-2.51064	0.267236	1.26394	1.26394	1.92E-05	0.162604	-6.14989	0.93323	1.07113	1.07113	0.247799	0.955682	-1.04637	0.00184542	0.408181	2.44909	0.197	0.70353	1.42113	0.164664	0.578176	1
cg07368544	ORL1;VPS35	1.88E-06	0.00175766	0.514972	-1.69769	0.704354	0.941504	-1.06213	0.212737	1.27113	1.27113	0.425474	0.86177	-1.1604	0.135574	0.742546	-1.34677	0.309953	1.23974	1.23974	0.0710439	0.691677	-1.44576	0.262172	1.26151	1.26151	0.0757928	1.43513	1.43513	10.5021	3.08185	0.470414	1
cg03284853	ORC5L;VPS35	0.00043958	0.0103035	1.86404	1.86404	0.454622	2.16647	2.16647	0.529908	1.13729	1.13729	0.443214	0.853805	-1.17123	0.136436	0.722977	-1.38317	0.000493175	0.331858	-3.01334	0.0735181	0.668054	-1.49688	0.0764409	1.48954	1.48954	2.65E-05	0.186508	-5.36171	14.8095	9.58661	0.575404	1
cg05938205	ORC5L;VPS35	0.00134594	7.44E-05	0.640276	-1.56179	0.577263	0.915575	-1.07347	0.663424	0.946353	-1.05668	0.0547971	0.760134	-1.31556	0.24674	0.858553	-1.16475	0.153716	1.21205	1.21205	0.00634688	0.516423	-1.93641	0.553209	1.07845	1.07845	0.116574	1.23949	1.23949	10.811	2.71457	0.223194	1
cg08134404	ORC5L;VPS35	0.00698933	0.123108	2.53811	2.53815	0.583704	0.915675	-1.07334	0.878487	1.01976	1.01976	0.111566	1.24472	1.24472	0.000976264	0.530157	-1.88624	0.21646	0.846764	-1.18097	0.0745497	0.775646	-1.28924	0.241239	1.16986	1.16986	0.0064593	1.57333	1.57333	6.61827	1.74528	0.230242	1
cg12927617	ORM1	0.0231204	0.0321335	0.219569	-4.55438	0.00554802	0.111006	-9.00854	0.0196024	0.182061	-5.49268	0.184775	0.427576	-2.33877	0.0189494	0.179718	-5.56428	0.102621	0.339999	-2.94119	0.0123635	0.152403	-6.56154	0.0104775	0.142836	-7.00101	0.003928	0.525636	-1.90246	4.47679	25.8695	5.13652	1
cg13744452	ORM1	0.0299173	0.123953	0.497282	-2.0118	0.358807	0.216336	0.905607	-1.10454	0.00728038	0.228883	-4.36905	0.157379	0.525126	-1.90378	0.0931599	-1.07329	0.0938118	0.456146	-2.19328	0.0882648	0.446064	-2.24183	0.0947938	0.32478	-3.07923	0.0422744	0.497663	-2.00939	4.40884	11.7577	2.5548	1
cg13723005	ORM2	0.0106063	0.00205885	0.169055	-6.21292	0.0128996	0.272796	-3.66574	0.023576	0.320571	-3.11943	0.0837504	0.466384	-2.14415	0.0658599	0.419615	-2.38313	0.076316	0.436164	-2.29272	0.0018062	0.220832	0.154564	-6.4698	0.0143797	0.240599	0.0596248	0.408833	-2.44599	0.85015	16.2643	2.49256	1
cg01385836	ORMDL1;ORMDL1	0.0155562	0.0128218	-1.48472	-1.48472	0.778982	0.754302	-1.1242	0.00468356	0.650991	-1.76962	0.463087	1.12008	1.12008	0.00489157	0.395035	-2.53141	0.903371	0.940605	-1.06339	0.0377067	1.33996	1.33996	0.0413877	0.814257	-1.22833	0.0438646	0.408106	-2.45048	0.0388124	0.324511	1
cg09979956	ORMDL1;ORMDL1;PMS1;PMS1;PMS1	0.0133853	0.265693	1.21562	1.21562	0.174623	1.27516	1.27516	0.0780973	1.39033	1.39033	0.00439752	0.527207	-1.89679	0.145372	1.30111	1.30111	0.0122756	0.591512	-1.69058	0.0278951	0.645711	-1.54868	0.852889	1.03174	1.03174	0.45497	1.1368	1.13668	5.37853	2.41413	0.398973	1
cg22659598	ORMDL2	0.00186883	0.595785	1.11311	1.11313	0.469259	0.151881	1.15487	1.38001	1.38001	0.636848	1.09988	1.09988	0.0007107	0.280718	-3.56014	0.00460917	0.470124	-2.1271	0.185174	0.754812	-1.32483	0.00355109	2.20549	2.20549	0.963316	0.0090835	0.109925	8.83407	6.24141	0.564153	1
cg24775313	ORMDL2;SARNP;SARNP;SARNP	0.00358268	0.278339	1.78617	1.78617	0.0780306	5.6659	1.5659	0.00110501	1.6894	1.6894	0.0644667	0.6755243	1.48176	0.0037726	0.592137	-1.68853	0.603173	1.76249	1.76249	0.0130573	1.41712	1.01712	0.0130573	1.06021	1.06021	0.183017	2.07678	2.07678	6.61686	34.0421	3.72799	1
cg12655416	ORMDL3	0.0030516	0.101348	0.709777	-1.40889	0.402556	0.17787	1.17787	0.122058	0.725968	-1.37747	0.0291036	0.617735	-1.63469	9.36E-05	0.264153	-3.78569	0.00807285	0.522905	-1.9124	0.0614925	0.668614	-1.49563	0.434207	1.16472	1.16472	0.021002	0.588267	-1.69991	8.51491	4.92465	0.514094	1
cg09155575	ORMDL3	0.0093201	0.438657	0.888618	-1.12534	0.0188863	1.12594	1.12594	0.042272	1.204626	-1.41879	0.00883478	1.24646	1.24646	0.0612798	0.720618	-1.37058	0.613722	0.926328	-1.07953	0.0706466	1.04346	1.04346	0.0706466	1.14916	1.14916	0.119454	1.29697	1.29697	6.06464	2.1543	0.318413	1
cg05271360	ORMDL3	0.0130868	0.325608	1.24368	1.24368	0.179119	1.44021	1.44021	0.524027	0.872064	-1.1467	0.110248	0.687991	-1.45351	0.675899	1.09454	1.09454	0.494466	1.861513	1.86075	0.0003664	0.439383	-3.40852	0.326361	1.804355	1.804355	-1.24323	0.271501	1.27883	1.27883	5.18436	3.96141	0.649875	1
cg22144450	ORMDL3	0.0231344	0.0668174	0.620009	-1.61288	0.0836536	0.640581	-1.56108	0.647479	1.11305	1.11305	0.692341	1.09691	1.09691	0.00788511	0.452531	-2.20979	0.135607	0.687865	-1.45377	0.00599545	0.433666	-2.30592	0.0714448	1.5973	1.5973	0.32535	0.789582	-1.26649	4.47586	3.8362	0.761855	1
cg00169054	ORMDL3	0.0061188	0.0188844	0.5	-1.86091	0.19209	0.379779	-2.6331	0.0178328	0.299232	-3.34161	0.0592082	0.450284	-2.22102	0.0021504	0.290134	-3.44605	0.0258747	0.377971	-2.64607	0.0115994	0.305243	-3.27611	0.0925826	0.395049	-2.53107	0.0139038	0.380503	-2.62773	0.0506458	0.212365	0.0712	0.0779	1
cg02152119	ORMDL3	0.0463183	0.229798	0.82939	-1.2057	0.672119	0.940019	-1.06381	0.125217	1.2779	1.2779	0.0484184	0.716622	-1.39543	0.830036	0.968736	-1.03227	0.034769	0.695153	-1.43853	0.00526956	0.580659	-1.72218	0.146436	0.794267	-1.25902	0.102219	0.767767	-1.30248	5.53588	1.22269	0.307373	1
cg04145193	ORMDL3	0.0431458	0.12956	0.496	-2.01613	0.0966	0.599334	-1.66838	0.0183168	0.340763	-2.93573	0.0107883	0.497183	-2.01202	0.0019744	0.380964	-2.62514	0.341392	1.1148	1.1148	0.0138447	1.19483	1.19483	0.0138447	1.58567	1.58567	0.0157518	1.0705	1.0705	0.939812	0.990938	0.184124	0.154554	1
cg16638648	ORMDL3;ORMDL3	0.0415324	0.0939249	0.7708	-1.29735	0.3415574	1.14856	1.14856	0.339212	1.14939	1.14939	0.18384	1.22052	1.22052	0.0591374	1.35144	1.35144	0.375349	0.879328	-1.13723	0.0260254	0.688407	-1.45263	0.15791	0.807834	-1.23788	0.029464	0.696002	1.43678	3.63236	1.49425	0.281238	1
cg14023972	OSBP;OSBP;OSBP;OSBP	6.78E-06	0.715146	0.93591	-1.06843	1.78E-05	0.205179	-4.8718	7.05E-05	0.269942	-3.7045	0.607342	1.09813	1.09813	0.161418	0.844147	-1.18463	0.00127433	0.427983	-2.33654	1.78E-07	0.055048	-18.1664	0.204228	1.27375	1.27375	0.00312734	0.430388	-2.32349	44.8589	23.1714	0.459146	1
cg07817200	OSBP;OSBP;OSBP;OSBP	0.000795045	0.156034	0.6912	-1.44702	0.0178898	0.607855	-1.64584	0.245511	1.27985	1.27985	0.0144864	0.754132	-1.32562	0.0406835	0.650991	-1.76962	0.463087	1.1208	1.1208	0.00489157	0.395035	-2.53141	0.0438646	0.408106	-2.45048	0.0388124	0.324511	1.11545	1.11545	2.5054	4.58316	0.324511	1
cg03551161	OSBP2	0.0239517	0.897054	0.938476	-1.06556	0.037539	0.35946	1.35946	0.273807	1.75417	1.75417	0.496595	1.40405	1.40405	0.0835964	0.385085	-2.59683	0.748873	1.06475	1.06475	0.00123087	0.397254	-2.51728	0.545738	1.12687	1.12687	0.0232529	1.68969	1.68969	10.3984	6.28463	0.53723	1
cg07063185	OSBP2	0.0458173	0.442127	0.875478	-1.14227	0.0745678	0.829386	1.20536	0.0155324	0.648725	-1.54126	0.0866139	0.453367	-2.20572	0.00494917	0.160259	-6.24048	0.438641	1.13206	1.13206	0.00347439	0.345966	-2.89107	0.0544922	1.23384	1.23384	0.0254695	0.60334	-1.65744	0.201884	1.36179	1.36179	4.88958	3.91677	0.623034	1
cg00062356	OSBP;OSBP;OSBP;OSBP	0.0070983	0.0664814	0.634772	-1.57537	0.184212	1.36489	1.36489	0.0989674	2.05383	2.05383	0.0100231	0.340691	-2.93251	0.68865	1.09304	1.09304	0.0209469	0.514137	-1.94694	0.11587	0.668525	-1.49552	0.433025	0.838039	-1.19326	0.0936866	0.665574	1.50546	5.08746	0.686594	1
cg18799399	OSBP;OSBP;OSBP;OSBP	0.0198048	0.0077438	0.214285	-4.66669	0.0382736	0.339129	-2.94873	0.282336	0.604626	-1.65392	0.149858	0.498921	-2.00433	7	7	7	0.392057	0.673738	-1.48426	0.00120858	0.118286	-8.45408	0.365217	0.657697	-1.52046	0.0553443	0.375984	-2.65969	4.80612	13.7239	2.85551	1
cg26280615	OSBP;OSBP;OSBP;OSBP	0.0379607	0.0177903	0.4	-2.5	0.0288223	0.599056	-1.66855	0.183178	0.350425	-2.85307	0.0118563	0.417842	-2.39318	0.0118563	0.417842	-2.39318	0.0711452	0.407314	-2.45539	0.0048478	0.314566	-3.17951	0.0606475	0.407314	-2.45539	0.0048478	0.314566	-3.17951	0.0606475	0.407314	-2.45539	0.0048478	1
cg11132272	OSBP	3.10E-05	0.00190062	0.696465	-1.43582	0.132663	1.14284	1.14284	0.00284607	1.62795	1.62795	0.0022681	1.6555	1.6555	0.00034703	0.623102	-1.60487	0.436154	0.936771	-1.0675	0.6426	-0.8609	0.932037	-1.07188	0.18343	1.23204	1.23204	0.0012	1.32048	3.53068	1.23463	0.095162	1
cg02078936	OSBP	0.0524401	0.0952445	0.7	-1.42857	0.1625	0.7	1.4	0.0152324	1.32199	1.32199	0.0188116	0.700954	-1.42662	0.0041657	0.491671	-2.03501	0.260268	0.870548	-1.14899	0.306	0.821823	-1.21706	0.31067	0.888306	-1.13247	0.10078	0.654918	1.52743	3.04027	1.53757	0.215743	1
cg04172497	OSBP	0.0263637	0.695161	0.925577	-1.08041	0.801496	0.951732	-1.05072	0.000576841	2.84624	2.84624	0.258611	1.26045	1.26045	0.880739	0.970947	-1.02992	0.576075	1.11732	1.11732	0.24196	0.786228	-1.2719	0.240445	0.785562	-1.27297	0.615103	1.10468	1.10468	4.27725	2.61251	0.542925	1
cg22095158	OSBP	0.0478647	0.3126	1.2826	1.2826	0.0228123	0.0999056	-1.60295	0.14014	1.22802	-1.36918	0.307997	1.62108	1.62108	0.0612798	0.720618	-1.37058	0.334221	1.16308	1.16308	0.0106	0.5106	0.5106	0.0106	1.80998	1.80998	0.038972	2.65558	2.65558	13.948	17.8328	4.40953	1
cg11549874	OSBP2	0.00034016	6.57E-05	0.13497	-7.42405	0.162596	1.62596	1.62596	0.0155489	0.402729	-2.32407	0.0045429	0.370204	-2.70125	0.0007335	0.274612	-3.64161	0.036255	0.501482	-1.99409	6.32E-05	0.123315	-8.10934	0.850551	1.05503	1.05503	0.0011261	0.256031	-3.90573	1.33E-05	0.302	1.13716	1
cg07324293	OSBP2	0.00175519	0.063201	0.777026	-1.28696	0.21184	1.1721	1.1721	0.000128767	0.447719	-2.23355	0.611943	0.940101	-1.06372	0.348748	1.12353	1.12353	0.423041	0.905923	-1.10385	0.00646947	1.53334	1.53334	0.029724	1.36195	1.36195	0.0377473	0.74756	-1.33769	10.0147	2.33219	0.205226	1
cg00169054	OSBP2	0.0061188	0.0188844	0.5	-1.86091	0.19209	0.379779	-2.6331	0.0178328	0.299232	-3.34161	0.0592082	0.450284	-2.22102	0.0021504	0.290134	-3.44605	0.0258747	0.377971	-2.64607	0.0115994	0.305243	-3.27611	0.0925826	0.395049	-2.53107	0.0139038	0.380503	-2.62773	0.0506458	0.212365	0.0712	0.0779	1
cg21812424	OSBP2	0.0149054	0.0888087	0.796317	-1.25578	0.0558062	0.813604	-1.2291	0.71917	0.96621	-1.03497	0.988535	1.00137	1.00137	0.778899	1.02716	1.02716	0.040091	0.692982	-1.44304	0.0169123	0.757767	-1.31967	0.161669	1.15289	1.15289	0.0130412	1.34073	1.34073	6.63091	0.812975	0.127587	1
cg15147398	OSBP2	0.0478917	0.3596907	0.784575	-1.27461	0.357813	0.944525	1.20525	0.0852421	1.11701	1.11701	0.626555	1.04912	1.04912	0.0002E-06	2.70704	2.70704	0.059015	0.632562	-1.58047	0.0016256	0.489112	-2.04447	0.0216599	0.644934	1.55042	0.0049719	0.430721	1.4814	1.14834	0.706469	0.049719	1.14834	1.05592	0.432128	1
cg23030339	OSBP10	8.05E-05	0.0214371	0.57871	1.57871	0.382739	0.86252	-1.15939	0.651688	1.07797	1.07797	0.938462	0.987324	-1.01284	1.29E-06	0.128345	2.79152	0.0120503	0.67752	1.67752	0.0404575	1.47849	1.47849	0.434133	1.14095	1.14095	0.719554	1.06138	1.06138	23.462	10.144	0.38432	1
cg27298830	OSBP10	0.00354771	0.00488726	0.366188	-2.73084	0.208629	0.783705	-1.27599	0.969158	1.01081	1.00713	0.162281	0.760078	-1.31565	0.00110604	0.413101	2.42071	0.0547546	1.49271	1.49271	0.050797	1.4798	1.4798	0.07419	1.03047	1.03047	0.663334	0.92262	-1.08387	6.14075	4.35906	0.475966	1
cg25507803	OSBP10	0.00769846	0.897153	0.954553	-1.04755	0.0179898	0.685075	-1.45684	0.245511	1.27985	1.27985	0.0144864	0.754132	-1.32562	0.0406835	0.650991	-1.76962	0.463087	1.1208	1.1208	0.00489157	0.395035	-2.53141	0.0438646	0.408106	-2.45048	0.0388124	0.324511	1.11545	1.11545	2.5054	4.58316	0.324511	1
cg13221086	OSBP10	0.0174395	0.983851	1.00225	1.00225	0.247184	0.874399	-1.14364	0.0192303	0.730401	-1.36911	0.0335405	0.759228	-1.31713	0.23173	1.14928	1.14928	0.851454	1.02101	1.02101	0.0149631	1.39357	1.39357	0.658969	1.0505	1.0505	0.00641954	0.674836	-1.48184	4.92718	0.960191	0.173223	1
cg24432158	OSBP10	0.0075469	0.903116	1.01656	1.01656	0.0127059	0.419939	-2.38114	0.0154134	0.639457	-1.43915	0.515591	1.1967	1.1967	0.00059982	0.218183	-4.58252	0.078978	1.02826	1.02826	0.0014004	0.447013	-2.23644	0.254695	0.60334	-1.65744	0.201884	1.36179	1.36179	4.88958	3.91677	0.623034	1
cg00570904	OSBP10	0.0253994	0.156011	0.716573	-1.39553	0.0588788	0.453238	-2.20634	0.0391853	0.592117	-1.68885	0.34726	1.2368	1.2368	0.0400149	0.829057	-2.20619	0.354351	0.811201	-1.23274	0.00956671	0.25548	0.25548	0.44138	0.832586	-1.20108	0.737879	0.928899	-1.07654	4.33326	3.30934	0.678851	1
cg17837057	OSBP10	0.0192091	0.386535	0.809758	-1.23494	0.143172	1.4536	1.4536	0.0141113	2.05477	2.05477	0.0720297	0.620411	-1.61183	0.0972053	0.648741	-1.54145	0.087168	0.638251	-1.56678	0.910215	0.975539	-1.02718	0.586821	0.877701	-1.13934	0.0582442	1.6331	1.63331	3.71029	3.32102	0.795629	1
cg16452840	OSBP;OSBP	0.0014203	0.00745478	0.152524	-6.55826	0.0168683	0.622855	-1.60514	0.0186472	0.339052	-2.94907	0.0139706	7	7	7	7	7	0.416811	0.877377	-1.13996	0.0554446	4.16811	4.16811	0.0554446	1.32441	1.32441	0.0424	20.7552	25.5165	1.24868	1		
cg00699365	OSBP;OSBP	0.0114182	0.0388087	0.796317	-1.25578	0.0558062	0.813604	-1.2291	0.71917	0.96621	-1.03497	0.988535	1.00137	1.00137	0.778899	1.02716	1.02716	0.040091	0.692982	-1.44304	0.0169123	0.757767	-1.31967	0.161669	1.15289	1.15289	0.0130412	1.34073	1.34073	6.63091	0.812975	0.127587	1
cg15147398	OSBP;OSBP	0.0478917	0.3596907	0.784575	-1.27461	0.357813	0.944525	1.20525	0.0852421	1.11701	1.11701	0.626555	1.04912	1.04912	0.0002E-06	2.70704	2.70704	0.059015	0.632562	-1.58047	0.0016256	0.489112	-2.04447	0.0216599	0.644934	1.55042	0.0049719	0.430721	1.4814	1.14834	0.706469	0.049719	1.14834	1.05592	0.432128	1
cg23030339	OSBP10	8.05E-05	0.0214371	0.57871	1.57871	0.382739	0.86252	-1.15939	0.651688	1.07797	1.07797	0.938462	0.987324	-1.01284	1.29E-06	0.128345	2.79152	0.0120503	0.67752	1.67752	0.0404575	1.47849	1.47849	0.434133	1.14095	1.14095	0.719554	1.06138	1.06138	23.462	10.144	0.38432	1
cg27298830	OSBP10	0.00354771	0.00488726	0.366188	-2.73084	0.208629	0.783705	-1.27599	0.969158	1.01081	1.00713	0.162281	0.760078	-1.31565	0.00110604	0.413101	2.42071	0.0547546

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05196362	OSBPL8;OSBPL8	0.000478023	0.744589	1.04301	1.04301	9.46E-05	0.408217	-2.44968	0.00114871	0.540347	-1.85066	0.679594	1.05495	1.05495	0.206298	0.842226	-1.18733	0.00926687	0.653561	-1.53008	0.00041069	2.05981	2.05981	0.963032	0.994048	-1.00599	0.233748	0.851462	-1.17445	14.4697	3.80216	0.233571	1
cg15730116	OSBPL8;OSBPL8	0.00621817	0.950842	0.993483	-1.00656	0.267751	1.13023	1.13023	0.00751423	1.44027	1.44027	0.820191	0.976146	-1.02444	0.574082	0.941556	-1.06207	0.925809	1.00993	1.00993	0.000262399	0.529314	-1.88924	0.596666	1.05827	1.05827	0.149205	1.17823	1.17823	6.86299	1.2223	0.158311	1
cg15632560	OSBPL8;OSBPL8	0.00775037	0.13784	0.781338	-1.27986	0.000940405	0.466755	-2.14245	0.000917923	0.465388	-2.14874	0.114149	0.766917	-1.30392	0.490387	0.897464	-1.11425	0.583432	0.918036	-1.08928	0.232716	1.21318	1.21318	0.513421	0.90272	-1.10776	0.0295152	0.673159	-1.48553	6.40768	2.41994	0.3357	1
cg13025283	OSBPL8;OSBPL8	0.00843739	0.257355	1.11405	1.11405	0.810718	1.02216	1.02216	0.858756	1.01641	1.01641	0.146113	0.867139	-1.15322	0.00351692	1.43566	1.43566	0.00238343	1.47242	1.47242	0.00184999	1.49752	1.49752	0.897118	1.01189	1.01189	0.397985	1.08228	1.08228	6.23857	0.824816	0.117522	1
cg22793988	OSBPL8;OSBPL8	0.0224843	0.0366199	0.423976	-2.35862	0.608915	0.83333	-1.2	0.15384	1.7151	1.7151	0.386501	0.73077	-1.36842	0.162979	0.590859	-1.69245	0.618704	0.837547	-1.19396	0.000697756	0.160854	-6.21683	0.135068	0.565976	-1.76686	0.188077	0.610893	-1.63695	4.52001	8.93709	1.75754	1
cg21363465	OSBPL8;OSBPL8	0.0284581	0.0639051	0.660746	-1.51344	0.0346649	1.63234	1.63234	0.0646721	1.51121	1.51121	0.604062	1.1097	1.1097	0.853483	0.963884	-1.03747	0.736148	1.06961	1.06961	0.00704755	0.500053	-1.99979	0.277284	1.2521	1.2521	0.0882422	1.45395	1.45395	4.16389	2.61091	0.557366	1
cg16705353	OSBPL8;OSBPL8	0.034019	0.252008	0.660002	-1.51515	0.793593	1.09533	1.09533	0.126779	1.77446	1.77446	0.14218	0.578161	-1.72962	0.0250797	0.396395	-2.52274	0.850634	0.936637	-1.06765	0.00549494	0.28152	-3.55214	0.0158974	0.358644	-2.78828	0.372207	0.727512	-1.37455	3.90705	7.46094	1.69743	1
cg19133948	OSBPL8;OSBPL8	0.0440183	0.0296658	0.325084	-3.07613	0.352402	0.656999	-1.52207	0.161432	0.51869	-1.92793	0.506453	0.74386	-1.34434	0.300172	0.62419	-1.60208	0.0323543	0.3329	-3.0039	0.00626869	0.209427	-4.77493	0.682674	1.19774	1.19774	0.0111478	0.247448	-4.04125	3.55471	10.8485	2.71278	1
cg07818830	OSBPL8;OSBPL8;OSBPL8;OSBPL8	0.00377524	0.348532	1.08136	1.08136	0.867922	0.986602	-1.01358	0.04901	0.833482	-1.19979	0.202039	0.896578	-1.11535	0.119239	0.871948	-1.14686	0.226858	1.1083	1.1083	5.87E-05	0.547202	-1.82748	0.706658	0.969824	-1.03112	0.831501	0.98288	-1.01742	7.99035	0.83118	0.0924649	1
cg24348107	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.00451659	0.789353	0.907197	-1.1023	0.0887995	1.97938	1.97938	0.784656	1.10476	1.10476	0.461272	0.761227	-1.31367	0.113935	0.534973	-1.86925	0.000170992	0.0979147	-10.213	0.0210192	0.364314	-2.74488	0.168098	1.70628	1.70628	0.15779	1.73215	1.73215	7.56927	15.8612	1.86264	1
cg01561629	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0152262	0.00921412	0.356556	-2.80461	0.0191234	0.412866	-2.42209	0.0135315	0.385413	-2.59462	0.541786	0.824752	-1.21249	0.00191981	0.254041	-3.93637	0.746996	1.10625	1.10625	0.522844	0.817075	-1.22388	0.849891	1.06089	1.06089	0.0296565	0.449951	-2.22246	5.1551	7.94574	1.37008	1
cg00865054	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0171744	0.134553	0.617564	-1.61926	0.31369	0.732512	-1.36517	0.509741	0.818922	-1.22112	0.479066	0.806577	-1.23981	0.000294797	0.171806	-5.82051	0.431672	0.786833	-1.27092	0.191514	1.51146	1.51146	0.792181	1.08208	1.08208	0.227555	0.684956	-1.45995	4.95254	6.99954	1.25629	1
cg17853575	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0271999	0.969929	1.01749	1.01749	0.0677539	2.56257	2.56257	0.0535151	2.74141	2.74141	0.605573	1.2707	1.2707	0.00151134	0.122239	-8.1807	0.304099	0.612948	-1.63146	0.798551	1.12481	1.12481	0.666672	1.22053	1.22053	0.420715	1.4598	1.4598	4.2307	14.1711	2.97742	1
cg06826908	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0317176	0.14486	1.49244	1.49244	0.00499893	0.386762	-2.58557	0.01727	0.47631	-2.09947	0.127919	0.656466	-1.52331	0.325665	0.771419	-1.29631	0.244533	0.732479	-1.36523	0.253028	1.35702	1.35702	0.248522	0.734572	-1.36134	0.299144	1.31677	1.31677	4.00656	4.14955	0.920613	1
cg10201328	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0421822	0.526444	1.10338	1.10338	0.00346555	0.544305	-1.83721	0.0315599	1.47173	1.47173	0.489426	0.897961	-1.11363	0.475858	0.894823	-1.11754	0.3721	0.868957	-1.1508	0.173318	1.24867	1.24867	0.281588	0.842377	-1.18712	0.749077	1.05042	1.05042	3.61152	1.34385	0.330756	1
cg06751175	OSBPL9;OSBPL9;OSBPL9;OSBPL9	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0	0.422566	1
cg18395078	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	5.87E-05	0.255425	0.79215	-1.26239	0.0451159	0.636893	-1.57012	0.0119621	1.85037	1.85037	0.0802695	0.683315	-1.46345	0.000665316	0.359711	-2.78001	6.79E-05	0.23913	-4.18182	2.55E-06	0.10743	-9.30838	0.287308	1.24212	1.24212	0.128444	0.724347	-1.38055	25.5133	15.5623	0.542193	1
cg18119485	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.00142372	0.264499	1.14448	1.14448	0.0589183	1.28085	1.28085	0.0260714	0.736089	-1.35853	0.00156271	1.69453	1.69453	0.0023685	0.611459	-1.63543	0.406639	0.906191	-1.10352	0.613241	0.942572	-1.06093	0.907943	0.986667	-1.01351	0.000456839	0.527008	-1.8975	10.6381	2.26857	0.189555	1
cg11973877	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0145729	0.0907778	0.463314	-2.15836	0.486383	1.33914	1.33914	0.0158197	3.38934	3.38934	0.28546	0.632501	-1.58102	0.319627	0.653997	-1.52906	0.398793	1.42859	1.42859	0.00131017	0.14491	-6.90082	0.0624058	0.420627	-2.3774	0.532228	0.770105	-1.29852	5.23036	14.1229	2.40015	1
cg01047432	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0146674	0.237932	0.548947	-1.82167	0.0123185	4.5362	4.5362	0.00394807	6.56028	6.56028	0.330826	0.61459	-1.6271	0.0881676	0.40138	-2.4914	0.087307	2.49886	2.49886	0.0892942	0.402935	-2.48179	0.200326	0.518775	-1.92762	0.650674	1.24752	1.24752	5.21921	19.4556	3.3135	1
cg25741646	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0200395	0.7187	1.21914	1.21914	0.282044	1.85079	1.85079	0.0471484	3.56171	3.56171	0.448266	0.654226	-1.52852	0.00136694	0.0668485	-14.9592	0.512405	1.4398	1.4398	0.0253103	0.223941	-4.46546	0.776545	1.16864	1.16864	0.965915	1.02367	1.02367	5.23746	24.3364	3.61403	1
cg06327150	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.00228057	0.0808255	0.593107	-1.68604	0.0546245	1.8008	1.8008	0.000420349	4.51928	4.51928	0.189188	0.687092	-1.45541	0.646317	0.882791	-1.13277	0.0667205	1.74137	1.74137	0.00199562	0.308063	-3.24609	0.118851	0.633337	-1.57894	0.126964	0.640585	-1.56107	9.27904	10.6986	1.02487	1
cg22812770	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0192135	0.0570195	0.270955	-3.69066	0.432493	1.62536	1.62536	0.0349352	4.43873	4.43873	0.12399	0.36418	-2.7459	0.0635952	0.282336	-3.54188	0.824402	1.14425	1.14425	0.00238418	0.0767162	-13.0351	0.114393	0.353015	-2.83274	0.150094	0.392379	-2.54856	4.769	27.7714	5.17628	1
cg10600242	OSCAR;NDUFA3;OSCAR;OSCAR;OSCAR	0.000156651	8.29E-06	0.23572	-4.24233	0.729169	0.949653	-1.05302	0.00325214	0.550776	-1.81562	0.13435	1.27118	1.27118	0.028123	0.680169	-1.47022	0.0563044	0.725256	-1.37882	3.51E-05	0.304904	-3.27972	0.376946	0.873933	-1.14425	0.116117	0.775843	-1.28892	19.626	6.86629	0.310984	1
cg21098323	OSCAR;NDUFA3;OSCAR;OSCAR;OSCAR	0.000193808	0.000230411	0.197182	-5.07145	0.00078337	0.259659	-3.8512	0.0577093	0.565663	-1.76784	0.0029046	2.96435	2.96435	0.521765	0.841648	-1.18814	0.1008	0.62053	-1.61152	0.000507191	4.23071	4.23071	0.00179616	3.2518	3.2518	0.087949	1.64867	1.64867	18.5285	20.6848	0.99234	1
cg27065309	OSCAR;NDUFA3;OSCAR;OSCAR;OSCAR	0.000267687	2.19E-05	0.351691	-2.84341	0.129616	0.818194	-1.2222	0.000387628	0.49982	-2.00072	0.934342	1.01015	1.01015	0.00511391	0.635515	-1.57353	0.0374544	0.743874	-1.34431	5.82E-05	0.401336	-2.49168	0.196028	0.845736	-1.1824	0.0521103	0.76281	-1.31094	16.9706	4.03619	0.211408	1
cg10194870	OSCAR;OSCAR;OSCAR;OSCAR	0.00182142	0.0917499	1.36099	1.36099	6.58E-05	3.37221	3.37221	0.00216627	2.04319	2.04319	0.421616	1.14601	1.14601	0.131348	1.31051	1.31051	0.937118	1.01319	1.01319	0.00103708	2.23999	2.23999	0.198963	1.25274	1.25274	0.133545	1.3082	1.3082	9.90772	4.32463	0.387992	1
cg22629375	OSCAR;OSCAR;OSCAR;OSCAR	0.00204363	0.139888	1.39942	1.39942	0.455126	0.851332	-1.17463	0.0121317	0.516073	-1.93771	0.724033	0.927742	-1.07789	0.0128021	0.519877	-1.92353	0.337505	1.23269	1.23269	0.00175521	0.389337	-2.56847	0.99381	0.99836	-1.00164	0.000138558	0.248241	-4.02835	9.58144	6.79262	0.630165	1
cg05006449	OSCAR;OSCAR;OSCAR;OSCAR	0.00964877	0.632732	0.842164	-1.18742	0.00101335	5.69543	5.69543	0.280565	1.4921	1.4921	0.171311	1.68147	1.68147	0.134647	0.562429	-1.778	0.0260044	2.56691	2.56691	0.33082	0.699066	-1.43048	0.00512681	3.74059	3.74059	0.18401	1.6534	1.6534	5.9785	12.0534	1.79211	1
cg07861681	OSCAR;OSCAR;OSCAR;OSCAR	0.0143665	0.617999	0.816258	-1.2251	0.240492	0.608809	-1.64255	0.0268247	0.346762	-2.88383	0.0104031	0.271746	-3.67991	0.00842951	0.257027	-3.89064	0.369707	0.689349	-1.45064	0.00170395	0.163758	-6.10657	0.611344	1.22991	1.22991	0.0213503	0.327254	-3.05573	5.25501	13.5721	2.29574	1
cg21073459	OSCAR;OSCAR;OSCAR;OSCAR;OSCAR;OSCAR;OSCAR;OSCAR	0.0144994	0.0126715	0.291771	-3.42735	0.0268839	0.352718	-2.83512	0.0205067	0.329643	-3.03359	0.0488689	0.408947	-2.4453	0.00645354	0.244618	-4.088	0.0321902	0.368854	-2.7111	0.00265737	0.191603	-5.21912	0.080221	0.462305	-2.16307	0.0269178	0.352829	-2.83423	5.23909	13.1131	2.22483	1
cg14511156	OSCAR;OSCAR;OSCAR;OSCAR;OSCAR;OSCAR;OSCAR;OSCAR	0.0411693	0.0153511	0.213889	-4.67533	0.0948717	0.386186	-2.58943	0.171759	0.470441	-2.12566	0.075831	0.359075	-2.78493	0.0338796	0.27695	-3.61076	0.0590242	0.331173	-3.01957	0.00472447	0.142908	-6.99751	0.0422157	0.297302	-3.36358	0.112966	0.408924	-2.44544	3.64418	15.5072	3.78252	1
cg25033360	OSCP1	0.000190793	0.250117	0.789481	-1.26666	6.51E-05	4.22976	4.22976	0.00168057	0.413428	-2.4188	0.349252	0.827355	-1.20867	0.667725	1.08865	1.08865	0.901879	1.02456	1.02456	0.86412	1.03426	1.03426	2.44E-05	5.21882	5.21882	0.841905	1.04006	1.04006	18.6073	11.4001	0.544591	1
cg13420647	OSCP1	0.0164819	0.514647	0.89007	-1.12351	0.160719	0.767925	-1.30221	0.0357311	0.650053	-1.53834	0.976748	0.994877	-1.00515	0.00175431	0.455732	-2.19427	0.00137663	0.441372	-2.26566	0.381837	0.853789	-1.17125	0.416301	0.863798	-1.15768	0.105378	0.732119	-1.3659	5.02112	2.47005	0.437272	1
cg12809031	OSCP1;OSCP1	0.00497809	0.0920683	0.726587	-1.3763	0.267708	0.819664	-1.22001	0.0141699	1.68423	1.68423	0.599986	1.09542	1.09542	0.813026	1.04165	1.04165	0.410747	1.1559	1.1559	0.00196454	0.470661	-2.12467	0.000982416	0.429998	-2.32559	0.496618	1.12624	1.12624	7.34844	3.45259	0.417635	1
cg12630409	OSCP1;OSCP1	0.0219646	0.211721	1.52744	1.52744	0.0542343	2.02059	2.02059	0.0113191	2.77643	2.77643	0.123312	0.584214	-1.7117	0.0110298	0.358232	-2.79149	0.524218	1.23097	1.23097	0.927202	0.971005	-1.02986	0.124663	1.70787	1.70787	0.0733327	1.90208	1.90208	4.55646	7.48128	1.45947	1
cg08878450	OSCP1;OSCP1	0.0479277	0.809993	0.89161	-1.12157	0.436108	1.45998	1.45998	0.0659147	2.67179	2.67179	0.612209	0.783895	-1.27568	0.0655284	0.37363	-2.67645	0.216057	0.537898	-1.85909	0.00632841	0.183918	-5.4372	0.0503066	0.345508	-2.89429	0.86074	1.08723	1.08723	3.44293	12.37	3.19367	1
cg14912727	OSCP1;OSCP1;OSCP1;OSCP1	0.0179898	0.0951319	0.861233	-1.16113	0.724963	0.971633	-1.0292	0.00548397	1.34647	1.34647	0.430119	1.06781	1.06781	0.909747	0.990805	-1.00928	0.160723	1.12982	1.12982	0.00277387	0.71455	-1.39948	0.57007	1.04787	1.04787	0.87921	0.987688	-1.01247	4.87605	0.512512	0.0934294	1
cg23640703	OSGEP	0.00486929	0.0009657	0.178863	-5.59088	0.169257	1.67025	1.67025	0.444561	1.31392	1.31392	0.343451	0.710444	-1.40757	0.895805	1.04697	1.04697	0.0416309	2.27679	2.27679	0.00102193	0.18165	-5.5051	0.410111	1.34322	1.34322	0.988629	0.995021	-1.005	7.39813	14.3771	1.72741	1
cg01084685	OSGEP;APEX1;APEX1;APEX1	0.0110045	0.0266619	0.434667	-2.30061	0.460321	1.26928	1.26928	0.0686669	1.90872	1.90872	0.0153525	0.389136	-2.56979	0.610408	0.849596	-1.17703	0.00159655	0.237711	-4.20679	0.243165	1.47316	1.47316	0.161349	1.60717	1.60717	0.881471	1.04847	1.04847	5.73176	9.13449	1.41659	1
cg21818141	OSGEPL1	0.010673	0.00497482	0.317408	-3.15052	0.109191	0.583261	-1.7145	0.095069	0.567721	-1.76143	0.947401	1.02057	1.02057	0.00146381	0.242198	-4.12886	0.743308	0.90355	-1.10675	0.0259605	0.442273	-2.26104	0.34116	0.738788	-1.35357	0.00302589	0.285275	-3.50539	5.78847	8.73334	1.34111	1
cg03816370	OSGEPL1	0.0194815	0.900844	1.04036	1.04036	0.492009	1.24799	1.24799	0.149791	0.612518	-1.63261	0.0443078	2.082	2.082	0.0077142	0.337366	-2.96414	0.0331782	0.45365	-2.20434	0.940397	0.976541	-1.02402	0.0113421	2.73563	2.73563	0.968025	1.01281	1.01281	4.74669	7.57558	1.41864	1
cg14997582	OSGEPL1	0.0261081	0.596283	0.903321	-1.10703	0.0167736	0.574006	-1.74214	0.0133892	0.558484	-1.79056	0.92756	0.982855	-1.01744	0.0300901	0.615617	-1.62439	0.0167203	0.573785	-1.74281	0.0510289	1.52601	1.52601	0.882548	0.972276	-1.02851	0.251971	0.796449	-1.25557	4.29185	2.45845	0.509172	1
cg07140188	OSGEPL1	0.0407573	0.00310911	0.393788	-2.53944	0.0383747	0.575302	-1.73822	0.814062	1.05579	1.05579	0.668281	0.905448	-1.10443	0.274697	1.29935	1.29935	0.0650502	0.62045	-1.61173	0.0728296	0.630595	-1.5858	0.229459	0.747846	-1.33717	0.625271	1.12009	1.12009	3.65775	3.07554	0.747403	1
cg01800744	OSGIN1;OSGIN1	0.00631536	0.000307933	0.455209	-2.19679	0.145911	0.810804	-1.23334	0.490945	1.09855	1.09855	0.0273906	0.704272	-1.41991	0.730048	0.954531	-1.04763	0.989728	1.00173	1.00173	0.0473476	1.35637	1.35637	0.0231645	0.694398	-1.4401	0.106325	0.789051	-1.26734	6.83012	1.95232	0.25408	1
cg08536911	OSGIN1;OSGIN1;OSGIN1	6.32E-05	6.73E-05	0.21929	-4.56017	3.16E-06	0.100508	-9.9495	0.000746218	0.345128	-2.89748	0.000984759	0.36123	-2.76832	0.000193468	0.271366	-3.68506	0.00101056	0.362748	-2.75673	0.00242032	0.415614	-2.40608	0.00154438	0.388025	-2.57715	0.0448917	0.61969	-1.61371	25.0235	17.1265	0.608371	1
cg01855613	OSGIN1;OSGIN1;OSGIN1	0.00010613	0.025067	0.520049	-1.9229	0.352834	0.790936	-1.26432	0.000236829	0.224431	-4.45572	0.592557	1.1417	1.1417	2.30E-05	0.125232	-7.98521	0.00012219	0.192989	-5.18163	0.000200459	0.216269	-4.62388	0.12771	0.667628	-1.49784	0.000105428	0.186329	-5.36685	21.7908	20.7702	0.847256	1
cg09666444	OSGIN1;OSGIN1;OSGIN1	0.000184165	0.00144995	0.443275	-2.25594	0.000565005	0.388774	-2.57219	4.90E-05	0.259484	-3.8538	0.000912696	0.416211	-2.40263	9.88E-05	0.294557	-3.39493	0.0230325	0.618396	-1.61709	9.42E-05	0.292126	-3.42318	0.00470231	0.514687	-1.94293	0.14394	0.757617	-1.31993	18.7863	9.30114	0.44009	1
cg09082480	OSGIN1;OSGIN1;OSGIN1	0.000283631	0.248693	0.846401	-1.18147	0.000874196	1.99443	1.99443	0.0224425	1.45967	1.45967	0.0367657	0.71496	-1.39868	0.00272412	1.77249	1.77249	0.0881689	0.770877	-1.29722	1.89E-05	3.33173	3.33173	0.916541	0.985608	-1.0146	0.247769	0.8461	-1.18189	16.7045	5.06038	0.269275	1
cg04933361	OSGIN1;OSGIN1;OSGIN1	0.00165636	0.0796672	0.907048	-1.10248	0.269238	1.05941	1.05941	0.445657	1.03976	1.03976	0.914137	1.00542	1.00542	0.391866	0.956955	-1.04498	0.023771	1.14494	1.14494	0.000180814	1.37412	1.37412	0.89989	0.993707	-1.00633	0.000304712	1.34217	1.34217	10.1841	0.405766	0.0354162	1
cg08589960	OSGIN1;OSGIN1;OSGIN1	0.00167976	0.104368	0.407592	-2.45343	0.464963	1.45637	1.45637	0.483083	0.697437	-1.43382	0.0216479	0.248093	-4.03074	0.00190066	0.108151	-9.2463	0.118134	0.424122	-2.35781	0.0384608	0.297517	-3.36116	0.213407	0.515629	-1.93938	3.65E-05	0.0179867	-55.5967	10.1429	41.0537	3.59782	1
cg00187635	OSGIN1;OSGIN1;OSGIN1	0.00451084	0.163071	1.64016	1.64016	0.0640767	1.99685	1.99685	0.0149586	2.70298	2.70298	0.10316	0.552966	-1.80843	0.00762708	0.319794	-3.12702	0.00237355	0.244548	-4.08918	0.107415	1.79312	1.79312	?	?	?	0.307537	0.703955	-1.42055	7.73591	12.0286	1.55491	1
cg22309489	OSGIN1;OSGIN1;OSGIN1;OSGIN1	0.0223273	0.800402	0.939752	-1.06411	0.0207929	0.50532	-1.97894	0.724642	1.09062	1.09062	0.31976	1.28683	1.28683	0.179061	0.704617	-1.41921	0.0579223	0.591078	-1.69183	0.00114391	0.309457	-3.23147	0.201638	0.718399	-1.39198	0.0694832	0.607723	-1.64549	4.53091	4.31718	0.846959	1
cg07978099	OSGIN1;OSGIN1;OSGIN1;OSGIN1	0.0405737	0.0376631	0.267021	-3.74503	0.66618	0.788446	-1.26832	0.391512	0.61829	-1.61736	0.146958	0.426377	-2.34534	0.0308781	0.249528	-4.00756	0.037283	0.2661	-3.75799	0.00570927	0.137386	-7.27875	0.103011	0.376515	-2.65594	0.0126561	0.183167	-5.45949	3.66385	17.4037	4.22233	1
cg16668150	OSGIN2;OSGIN2	0.00175025	0.124984	0.784504	-1.27469	0.99347	0.998805	-1.0012	0.0229468	0.671922	-1.48827	0.367311	0.873417	-1.14493	0.516521	0.90835	-1.1009	0.756306	0.955525	-1.04654	2.61E-05	0.296283	-3.37515	0.00348126	0.560198	-1.78508	0.332216	0.86399	-1.15742	10.0229	3.39035	0.300676	1
cg11754995	OSGIN2;OSGIN2	0.00326509	0.14185	0.825458	-1.21145	0.174925	0.83927	-1.19151	0.890264	0.983374	-1.01691	0.31909	0.88245	-1.13321	0.00012351	0.443447	-2.25506	0.00195085	0.587418	-1.70237	0.366826	0.893515	-1.11918	0.0926898	1.25195	1.25195	0.636881	1.05945	1.05945	8.34522	1.94949	0.207649	1
cg21336181	OSGIN2;OSGIN2	0.0102594	0.663846	0.882273	-1.13344	0.00454972	0.338747	-2.95205	0.843983	1.05806	1.05806	0.416712	0.788406	-1.26838	0.456259	0.804659	-1.24276	0.000452887	0.205311	-4.87067	0.170676	1.51875	1.51875	0.517915	1.20654	1.20654	0.839701	1.05973	1.05973	5.86237	7.61747	1.15501	1
cg07498879	OSM	0.000861753	0.000916125	0.346319	-2.88752	0.0267596	0.57028	-1.75352	0.00213274	0.397108	-2.51821	0.442201	0.845608	-1.18258	0.000257664	0.275996	-3.62325	0.0975379	0.677672	-1.47564	0.141146	0.712696	-1.40312	8.39E-05	0.220007	-4.5453	0.0285286	0.575188	-1.73856	12.2723	8.90235	0.644804	1
cg05539509	OSM	0.000913615	0.00317698	0.459632	-2.17565	0.104613	0.710206	-1.40804	0.00374318	0.46995	-2.12789	0.0308117	0.613083	-1.6311	8.17E-05	0.254103	-3.93541	0.456746	0.863973	-1.15744	0.0197072	0.580784	-1.72181	0.000144071	0.282705	-3.53725	0.0971464	0.70383	-1.4208	12.0714	7.11505	0.523924	1
cg02597698	OSM	0.00137718	0.0307135	0.622121	-1.60741	0.269528	0.806529	-1.23988	0.000487326	0.359828	-2.77911	0.00558311	0.506315	-1.97506	0.304048	0.819508	-1.22024	0.122369	0.731193	-1.36763	0.0863996	1.42508	1.42508	0.000119487	0.284214	-3.51848	0.0199667	0.591458	-1.69074	10.7401	5.94801	0.49228	1
cg24727122	OSM	0.0113025	0.0382039	0.486198	-2.05677	0.109536	0.592287	-1.68837	0.0161037	0.413107	-2.42068	0.34736	0.747909	-1.33706	0.00160595	0.257092	-3.88965	0.0418586	0.494556	-2.02201	0.0547982	0.520024	-1.92299	0.00192716	0.267738	-3.73499	0.0227891	0.441289	-2.26609	5.68257	8.11067	1.2687	1
cg10467217	OSM	0.0125765	0.0122562	0.362236	-2.76063	0.0678185	0.513881	-1.94598	0.0187296	0.395658	-2.52744	0.363621	0.737961	-1.35509	0.00181689	0.236269	-4.23246	0.81595	1.07884	1.07884	0.436361	0.772258	-1.2949	0.00265383	0.258447	-3.86927	0.100312	0.556574	-1.79671	5.48912	9.20872	1.49123	1
cg24062706	OSM	0.0400698	0.341741	0.720879	-1.38719	0.00789717	3.12171	3.12171	0.0325684	2.30653	2.30653	0.277535	0.685724	-1.45831	0.194635	0.632309	-1.5815	0.691325	1.14263	1.14263	0.0437563	0.460987	-2.16926	0.60528	1.19027	1.19027	0.630084	0.850336	-1.17601	3.68077	6.50672	1.57134	1
cg25554943	OSMR	0.000187638	9.78E-05	0.189218	-5.2849	0.000893208	0.302282	-3.30817	0.0128889	0.475901	-2.10128	0.994023	0.9982	-1.0018	1.03E-05	0.103116	-9.69785	0.446281	0.829689	-1.20527	0.0043635	0.400192	-2.4988	0.396018	0.811365	-1.23249	0.0015034	0.332849	-3.00437	18.6916	17.1218	0.81424	1
cg23181493	OSMR	0.00182543	0.0283371	0.68723	-1.45512	0.000340655	0.433365	-2.30752	0.577375	0.921666	-1.08499	0.800762	1.03732	1.03732	0.089278	0.762218	-1.31196	0.00265301	0.547456	-1.82663	0.275381	1.17873	1.17873	0.0710145	0.746569	-1.33946	0.000306646	0.427658	-2.33831	9.9014	3.29295	0.295622	1
cg23516451	OSMR;OSMR	0.000431847	0.0226266	0.470189	-2.1268	0.0734736	0.575954	-1.73625	0.00587899	0.369145	-2.70896	0.056139	0.549893	-1.81853	0.00122839	0.270646	-3.69487	0.0023777	0.30999	-3.22591	2.67E-05	0.100786	-9.92199	0.000132167	0.159908	-6.25358	0.0209287	0.463844	-2.1559	14.8822	18.0151	1.07601	1
cg15599832	OSMR;OSMR	0.000570743	0.435302	1.21558	1.21558	0.284202	0.761198	-1.31372	0.000161232	0.205927	-4.85608	0.794313	0.937928	-1.06618	0.136971	1.48128	1.48128	0.312668	1.29194	1.29194	0.00412536	0.38927	-2.56891	6.84E-05	0.167592	-5.96688	0.0154323	0.48242	-2.07288	13.7745	13.1232	0.846861	1
cg23241141	OSMR;OSMR	0.00217617	0.000310684	0.262787	-3.80537	0.0155555	0.507756	-1.96945	0.860231	0.960539	-1.04108	0.982887	0.995112	-1.00491	0.00871475	0.466031	-2.14578	0.184353	0.724949	-1.37941	0.000306648	0.262102	-3.81532	0.00815038	0.461353	-2.16754	0.621822	0.892635	-1.12028	9.40721	7.77447	0.734611	1
cg16272710	OSMR;OSMR	0.00227962	0.000577111	0.298236	-3.35305	0.172645	1.39056	1.39056	0.00428131	0.419781	-2.38219	0.00540059	0.435219	-2.29769	0.520608	0.862497	-1.15942	0.0187183	0.523485	-1.91028	0.00160765	0.357838	-2.79456	0.222633	1.33794	1.33794	0.0781534	0.641093	-1.55984	9.28017	7.58447	0.726469	1
cg24997497	OSMR;OSMR	0.0140329	0.0323487	1.67961	1.67961	0.0270446	0.581754	-1.71894	0.00119747	0.37443	-2.67073	0.310944	0.804969	-1.24228	0.0890242	1.47422	1.47422	0.65843	0.91204	-1.09644	0.480191	1.16012	1.16012	0.833486	1.04453	1.04453	0.821846	0.9544	-1.04778	5.2958	3.59204	0.602917	1
cg11126762	OSMR;OSMR	0.032839	0.049219	2.40767	2.40767	0.0182222	3.07069	3.07069	0.0835265	2.11647	2.11647	0.417415	1.38315	1.38315	0.0188874	3.0435	3.0435	0.00793505	3.79035	3.79035	0.0718603	2.19581	2.19581	0.00943774	3.62464	3.62464	0.430504	1.37019	1.37019	3.957	9.60129	2.15681	1
cg12925682	OSMR;OSMR	0.049991	0.0876871	0.365073	-2.73918	0.019817	4.49879	4.49879	0.336731	1.69803	1.69803	0.193355	0.479134	-2.0871	0.0299041	0.255204	-3.91843	0.411257	1.56697	1.56697	0.896534	0.932815	-1.07202	0.511165	1.42795	1.42795	0.0689359	0.336872	-2.96849	3.38836	15.3348	4.02287	1
cg22478121	OSR1	0.000237227	0.022373	0.550225	-1.81744	5.48E-05	0.193969	-5.15547	0.0495038	0.613066	-1.63114	0.875203	1.03491	1.03491	0.00633107	0.460225	-2.17285	0.00580003	0.454334	-2.20102	0.000416635	0.294625	-3.39415	0.000486554	3.29879	3.29879	0.513613	0.865354	-1.1556	17.5387	13.2381	0.670929	1
cg02742971	OSR1	0.00102658	0.00144298	0.828421	-1.20712	0.0661996	0.91922	-1.08788	0.0698383	0.920473	-1.0864	0.38598	0.964324	-1.037	0.00762792	1.15053	1.15053	0.971758	0.998554	-1.00145	8.25E-05	0.748351	-1.33627	0.10521	1.07504	1.07504	0.68461	1.01683	1.01683	11.6793	0.309057	0.0235217	1
cg16752876	OSR1	0.00131968	0.013315	6.3529	6.3529	0.00107965	18.358	18.358	0.0130395	6.40463	6.40463	0.0119189	6.63252	6.63252	0.455075	0.632092	-1.58205	0.290403	1.93775	1.93775	0.000250127	38.1938	38.1938	0.00104241	18.6616	18.6616	0.00271805	12.1363	12.1363	10.8722	62.5917	5.11738	1
cg02172492	OSR1	0.00317789	0.0116185	5.38705	5.38705	0.00286821	8.93236	8.93236	0.0207742	4.41861	4.41861	0.0159906	4.82804	4.82804	0.27371	1.83683	1.83683	0.369036	1.63639	1.63639	0.000366867	21.0355	21.0355	0.0020257	10.2135	10.2135	0.00599573	6.80176	6.80176	8.41281	37.9689	4.01176	1
cg09619390	OSR1	0.00320717	0.0404764	2.69969	2.69969	0.00968965	3.9495	3.9495	0.0562217	2.4781	2.4781	0.0361027	2.78146	2.78146	0.587995	1.25805	1.25805	0.740962	1.14939	1.14939	0.000181357	14.2715	14.2715	0.00193938	6.29883	6.29883	0.00563678	4.59437	4.59437	8.38986	23.4062	2.47984	1
cg10521706	OSR1	0.00413556	0.404808	0.780462	-1.28129	0.00700592	0.362763	-2.75662	0.445947	0.797776	-1.25348	0.501755	0.820159	-1.21928	0.0365096	0.493241	-2.02741	0.431819	0.791918	-1.26276	0.0149047	0.418646	-2.38865	0.000412	5.10694	5.10694	0.245038	0.70215	-1.4242	7.77393	10.4115	1.19047	1
cg11943209	OSR1	0.00575176	0.00953251	5.08723	5.08723	0.0148868	4.40987	4.40987	0.0671936	2.76297	2.76297	0.0327547	3.44727	3.44727	0.472318	1.43646	1.43646	0.154871	2.12608	2.12608	0.000303335	18.3351	18.3351	0.00532119	6.1677	6.1677	0.0150312	4.39639	4.39639	7.03014	27.329	3.45547	1
cg00954878	OSR1	0.00888244	0.542881	0.794987	-1.25788	0.155513	1.76145	1.76145	0.628529	0.833932	-1.19914	0.536258	1.26276	1.26276	0.341876	0.694326	-1.44024	0.166519	0.577237	-1.73239	0.0425072	2.38725	2.38725	0.000240091	9.62432	9.62432	0.219184	1.61826	1.61826	6.13792	13.4895	1.95354	1
cg01323049	OSR1	0.0121964	0.053213	0.515784	-1.9388	0.00073351	0.212937	-4.69623	0.142446	0.621718	-1.60845	0.0528083	0.515047	-1.94157	0.0679325	0.53994	-1.85206	0.263409	0.703676	-1.42111	0.00258565	0.283995	-3.52118	0.0257793	0.45019	-2.22129	0.227146	0.682359	-1.4655	5.5442	7.97844	1.27917	1
cg20707692	OSR1	0.0204757	0.0230812	0.401629	-2.48986	0.00427513	0.277132	-3.60838	0.0930325	0.537728	-1.85968	0.778113	0.909513	-1.09949	0.0336404	0.434698	-2.30045	0.534659	0.809675	-1.23506	0.051438	0.474972	-2.10539	0.0328788	2.3115	2.3115	0.740097	0.894249	-1.11826	4.66709	8.33215	1.58693	1
cg05974067	OSR1	0.0329451	0.858752	0.970016	-1.03091	0.0133548	0.592293	-1.68835	0.292588	1.20515	1.20515	0.0562752	0.691135	-1.4469	0.132279	0.757598	-1.31996	0.0553452	0.689913	-1.44946	0.00323975	0.503456	-1.98627	0.291748	0.829484	-1.20557	0.181863	0.784916	-1.27402	3.95242	1.82823	0.411165	1
cg07531268	OSR1	0.0366218	0.04864	19.0313	19.0313	0.0212555	37.4134	37.4134	0.102453	10.3566	10.3566	0.133822	8.29041	8.29041	0.0238622	34.0148	34.0148	0.068715	14.37	14.37	0.00784509	86.7436	86.7436	0.017558	43.8259	43.8259	0.0449192	20.3021	20.3021	3.80407	103.092	24.0893	1
cg27117509	OSR1	0.0382539	0.0450223	14.077	14.077	0.0447697	14.1337	14.1337	0.0612758	11.2958	11.2958	0.0826092	9.11777	9.11777	0.0335484	17.3714	17.3714	0.0660327	10.7076	10.7076	0.00730881	53.337	53.337	0.0177942	27.4608	27.4608	0.0383405	15.7888	15.7888	3.744	78.3809	18.6089	1
cg12619940	OSR1	0.0457115	0.0393408	10.6348	10.6348	0.0352833	11.3733	11.3733	0.179335	4.11431	4.11431	0.135364	4.93403	4.93403	0.0253725	13.95	13.95	0.0586456	8.3163	8.3163	0.00724644	31.0518	31.0518	0.0244977	14.2578	14.2578	0.114287	5.49294	5.49294	3.50486	54.5886	13.8446	1
cg14157048	OSR1;OSR1	0.0077091	0.192934	0.847294	-1.18023	0.706203	0.955478	-1.0466	0.0866421	1.25559	1.25559	0.401397	0.901864	-1.10881	0.399347	1.10934	1.10934	0.695416	0.953782	-1.04846	0.000155015	0.458734	-2.17991	0.178597	0.842092	-1.18752	0.451692	1.0966	1.0966	6.41843	1.47026	0.203616	1
cg01581084	OSR2;OSR2	1.94E-05	6.58E-05	6.46307	6.46307	0.00194701	0.327355	-3.05479	0.00368636	0.367791	-2.71893	8.64E-05	6.02228	6.02228	0.313053	0.766502	-1.30463	0.672548	0.897326	-1.11442	0.291156	0.75643	-1.322	3.46E-06	16.1679	16.1679	0.0017583	3.11393	3.11393	34.1262	35.1002	0.91426	1
cg22524061	OSR2;OSR2	4.32E-05	0.0384325	0.420655	-2.37724	0.0351739	0.412367	-2.42502	0.325825	0.693312	-1.44235	0.00175737	4.99972	4.99972	4.91E-05	0.0636658	-15.707	0.0200803	0.363258	-2.75286	?	?	?	8.81E-06	32.5204	32.5204	0.365249	0.714715	-1.39916	28.3908	52.0978	1.83502	1
cg05986505	OSR2;OSR2	9.97E-05	0.165409	1.35379	1.35379	0.0291282	1.69285	1.69285	0.0148716	1.84657	1.84657	0.692289	0.921791	-1.08484	0.0352339	0.605245	-1.65222	0.328633	0.813486	-1.22928	0.00165914	0.397964	-2.51279	2.54E-06	10.2618	10.2618	0.491736	1.1537	1.1537	22.1595	14.7108	0.590099	1
cg07358855	OSR2;OSR2	0.000185748	7.94E-05	2.10081	2.10081	0.109805	1.19899	1.19899	0.00164782	1.59852	1.59852	0.036968	1.28689	1.28689	0.976656	1.00305	1.00305	0.173544	1.16271	1.16271	0.018979	0.74399	-1.3441	2.84E-05	2.35581	2.35581	0.000592248	1.73722	1.73722	18.7429	3.21755	0.152594	1
cg20823772	OSR2;OSR2	0.000268948	0.977786	0.996143	-1.00387	0.00948565	0.633718	-1.57799	0.00489202	0.595942	-1.67801	0.0568926	1.3486	1.3486	0.160513	0.812156	-1.23129	0.519228	0.913307	-1.09492	0.00323525	0.572667	-1.74621	3.88E-05	2.98594	2.98594	0.00208852	1.82401	1.82401	16.9489	5.17051	0.271169	1
cg09607488	OSR2;OSR2	0.000286489	0.983135	1.00587	1.00587	0.0250806	2.09197	2.09197	0.0021026	3.31391	3.31391	0.000196425	5.66308	5.66308	0.0323488	0.499554	-2.00179	0.472483	1.22434	1.22434	0.00330154	0.330039	-3.02994	7.83E-05	7.23499	7.23499	0.885103	1.04086	1.04086	16.6588	20.2408	1.08002	1
cg14657725	OSR2;OSR2	0.000880168	0.560522	1.18731	1.18731	0.0043567	0.329181	-3.03784	0.898387	1.03797	1.03797	0.0295656	2.11135	2.11135	0.018062	0.43268	-2.31118	0.0184408	0.434345	-2.30232	0.000184798	0.158415	-6.31255	0.0022593	3.47846	3.47846	0.173376	0.655356	-1.52589	12.1992	16.4409	1.19796	1
cg03547086	OSR2;OSR2	0.000991322	0.00119239	3.29933	3.29933	0.54474	0.857232	-1.16655	0.726394	1.0923	1.0923	0.160737	0.686252	-1.45719	0.198763	1.40673	1.40673	0.399216	0.805023	-1.2422	0.0283486	0.521832	-1.91632	4.58E-05	6.92922	6.92922	0.361024	1.26613	1.26613	11.7956	11.7979	0.88906	1
cg02469095	OSR2;OSR2	0.00139069	0.308561	0.833215	-1.20017	0.380859	1.16838	1.16838	0.127935	1.32968	1.32968	9.33E-05	3.34255	3.34255	0.0535862	0.684191	-1.46158	0.368033	0.852073	-1.17361	0.00242879	0.481519	-2.07676	0.0415807	1.50199	1.50199	0.832024	1.03746	1.03746	10.71	5.08451	0.421994	1
cg22648885	OSR2;OSR2	0.00212379	0.602294	0.865436	-1.15549	0.687146	1.11772	1.11772	0.0878332	1.67846	1.67846	0.794305	1.07447	1.07447	0.119683	0.628692	-1.5906	0.936532	1.02213	1.02213	0.154107	0.657448	-1.52103	3.26E-05	9.19858	9.19858	0.264779	1.37642	1.37642	9.47444	11.3383	1.06376	1
cg08202494	OSR2;OSR2	0.00217153	0.115113	1.847	1.847	0.135209	0.561741	-1.78018	0.38014	1.38047	1.38047	0.0434986	2.29664	2.29664	0.799188	0.912745	-1.0956	0.0780008	2.01649	2.01649	0.0452106	0.439173	-2.27701	9.89E-05	11.8877	11.8877	0.00635993	3.5681	3.5681	9.41309	19.1222	1.80573	1
cg26347379	OSR2;OSR2	0.00433185	0.659121	1.11261	1.11261	0.247926	1.33689	1.33689	0.485196	1.18588	1.18588	0.67521	1.1066	1.1066	0.57769	1.14476	1.14476	0.82541	1.05454	1.05454	0.0757573	0.62182	-1.60818	5.65E-05	6.03667	6.03667	0.203753	1.38048	1.38048	7.66569	7.01464	0.813396	1
cg05754861	OSR2;OSR2	0.00543361	0.642171	0.90998	-1.09893	0.0408019	0.621257	-1.60964	0.103279	1.43221	1.43221	0.284607	1.25115	1.25115	0.558208	0.887484	-1.12678	0.880699	0.970179	-1.03074	0.00133625	0.390611	-2.56009	0.00138588	2.54586	2.54586	0.437992	1.1729	1.1729	7.15417	4.60447	0.572094	1
cg14548272	OSR2;OSR2	0.00666367	0.00553447	2.91894	2.91894	0.116724	1.65006	1.65006	0.648539	1.14436	1.14436	0.874463	0.954603	-1.04756	0.572296	0.845634	-1.18254	0.433991	1.26439	1.26439	0.0199743	0.438163	-2.28225	0.000636906	4.67084	4.67084	0.0642439	1.84226	1.84226	6.7173	9.18593	1.21556	1
cg23820828	OSR2;OSR2	0.00728164	0.0582077	0.472041	-2.11846	0.614655	0.836929	-1.19484	0.0911542	0.520741	-1.92034	0.286761	0.67847	-1.4739	0.0192676	0.370552	-2.69868	0.0471877	0.450949	-2.21754	0.00510936	0.273221	-3.66004	0.00194923	4.64787	4.64787	0.406467	0.742442	-1.34691	6.53415	12.7265	1.73128	1
cg01148781	OSR2;OSR2	0.00781441	0.0443062	1.69457	1.69457	0.284321	1.28909	1.28909	0.144808	0.699389	-1.42982	0.0053394	2.31145	2.31145	0.906025	1.02733	1.02733	0.847811	1.04484	1.04484	0.00236461	0.379793	-2.63302	0.0133957	2.01226	2.01226	0.821324	1.053	1.053	6.39114	5.27626	0.733829	1
cg03157027	OSR2;OSR2	0.010023	0.205824	0.572451	-1.74687	0.0743828	0.435646	-2.29544	0.0936412	0.462719	-2.16114	0.239066	1.67422	1.67422	0.0827105	0.447895	-2.23267	0.12433	0.498805	-2.00479	0.00031875	0.0875142	-11.4267	0.174179	1.82982	1.82982	0.317639	0.649369	-1.53996	5.90628	16.342	2.45946	1
cg08099174	OSR2;OSR2	0.0100854	0.381978	1.24882	1.24882	0.0936857	1.57908	1.57908	0.842415	0.951868	-1.05057	0.187423	1.41374	1.41374	0.326019	1.28571	1.28571	0.383584	1.24784	1.24784	0.0859186	1.6005	1.6005	0.000120128	5.29064	5.29064	0.170327	1.43604	1.43604	5.89456	5.73349	0.8646	1
cg00300750	OSR2;OSR2	0.013437	0.316518	0.672337	-1.48735	0.488434	0.763509	-1.30974	0.0767879	2.1266	2.1266	0.322224	0.675681	-1.47999	0.212003	0.604097	-1.65536	0.467336	0.753117	-1.32782	0.52341	0.780419	-1.28136	0.000404499	8.63399	8.63399	0.473996	1.32203	1.32203	5.37174	12.5042	2.06914	1
cg18744668	OSR2;OSR2	0.01449	0.147414	1.81784	1.81784	0.0119441	3.33989	3.33989	0.0764805	2.1332	2.1332	0.125069	1.89328	1.89328	0.905767	0.955491	-1.04658	0.227433	0.614382	-1.62765	0.251165	0.630687	-1.58557	0.000916136	6.71878	6.71878	0.758851	1.12567	1.12567	5.24021	12.2671	2.08085	1
cg04768602	OSR2;OSR2	0.0146922	0.132709	0.547737	-1.82569	0.0329786	0.396404	-2.52268	0.240693	0.633958	-1.57739	0.184449	0.593124	-1.68599	0.091242	0.501482	-1.99409	0.0584193	0.452274	-2.21105	0.000317624	0.114904	-8.70296	0.562296	1.24282	1.24282	0.444971	0.749068	-1.33499	5.21631	11.3746	1.9383	1
cg22920700	OSR2;OSR2	0.0257775	0.0881063	2.71359	2.71359	0.0893488	0.370238	-2.70097	0.531099	1.40008	1.40008	0.0820162	2.77899	2.77899	0.994082	1.00394	1.00394	0.188413	0.477487	-2.0943	0.0865466	0.366331	-2.72977	0.00290936	8.76151	8.76151	0.685503	1.24104	1.24104	4.31099	19.2096	3.96085	1
cg07771539	OSR2;OSR2	0.027781	0.0294494	2.95894	2.95894	0.768278	0.882508	-1.13313	0.451953	1.3829	1.3829	0.581425	0.79013	-1.26562	0.535647	0.766932	-1.3039	0.288742	1.59344	1.59344	0.100994	0.467748	-2.13791	0.00141708	7.05628	7.05628	0.439111	1.39631	1.39631	4.19938	11.9027	2.51947	1
cg00388812	OSR2;OSR2	0.0344096	0.023291	2.35648	2.35648	0.533666	0.819311	-1.22054	0.810613	0.926913	-1.07885	0.232353	1.48581	1.48581	0.407292	1.30733	1.30733	0.00497234	3.23989	3.23989	0.92223	1.03135	1.03135	0.0074791	2.97019	2.97019	0.102612	1.75883	1.75883	3.89099	6.15908	1.40703	1
cg26137478	OSR2;OSR2;OSR2;OSR2	0.000562107	0.490713	0.806123	-1.2405	0.995186	0.998144	-1.00186	0.191487	0.653282	-1.53073	0.617563	1.16763	1.16763	0.283853	0.709794	-1.40886	0.75051	1.1032	1.1032	0.0530995	0.508335	-1.96721	1.01E-05	18.4776	18.4776	0.0105645	2.69184	2.69184	13.8331	20.7659	1.33438	1
cg18428626	OSR2;OSR2;OSR2;OSR2	0.000786176	0.197546	0.711767	-1.40495	0.706062	1.0992	1.0992	0.774679	1.07427	1.07427	0.967504	1.01022	1.01022	0.656438	0.894261	-1.11824	0.0872371	1.60214	1.60214	0.0357045	0.543275	-1.84069	1.11E-05	10.327	10.327	0.697252	1.10251	1.10251	12.5937	12.4279	0.87719	1
cg12718793	OSTBETA	0.00135722	0.0275417	0.637599	-1.56838	0.000352061	2.69531	2.69531	0.480795	1.13174	1.13174	0.207015	0.7947	-1.25834	0.1253	1.33175	1.33175	0.00766901	1.80715	1.80715	0.183414	1.27601	1.27601	0.00541423	0.531481	-1.88154	0.00408579	1.94531	1.94531	10.7851	5.09342	0.419789	1
cg25003907	OSTBETA	0.00246062	0.000647521	0.172151	-5.80886	0.0152143	0.366967	-2.72504	0.0171635	0.376574	-2.65552	0.240468	1.51175	1.51175	0.053501	0.478326	-2.09063	0.0323746	0.430651	-2.32207	0.00106681	0.196674	-5.08455	0.00126695	0.205615	-4.86346	0.489675	0.789794	-1.26615	9.07434	16.2516	1.59195	1
cg22115748	OSTBETA	0.00673255	0.00262588	0.313112	-3.19375	0.00338012	0.329153	-3.0381	0.0684039	0.566192	-1.76619	0.524293	0.83535	-1.1971	0.032047	0.496466	-2.01424	0.324833	0.753169	-1.32772	0.00275826	0.316199	-3.16257	0.00192664	0.294088	-3.40035	0.430398	0.799001	-1.25156	6.69585	8.24311	1.09429	1
cg09325101	OSTBETA	0.00722745	0.000311412	0.30978	-3.22809	0.728876	0.932649	-1.07221	0.00484802	0.473044	-2.11397	0.620428	0.904805	-1.10521	0.186965	0.755569	-1.32351	0.741941	0.935931	-1.06845	0.00900161	0.514028	-1.94542	0.0212277	0.57407	-1.74195	0.494058	0.87009	-1.14931	6.54942	4.16495	0.565268	1
cg23012314	OSTBETA	0.00931226	0.398577	0.9171	-1.09039	0.792866	1.0267	1.0267	0.00188165	0.643209	-1.5547	0.827584	0.978396	-1.02208	0.32011	0.902246	-1.10835	0.0279138	1.29708	1.29708	0.0041693	1.46879	1.46879	0.100133	0.834951	-1.19768	0.693475	0.961112	-1.04046	6.04649	0.960099	0.141143	1
cg13796110	OSTBETA	0.0113737	0.0141944	0.505632	-1.97772	0.810846	0.947392	-1.05553	0.0925151	0.658834	-1.51783	0.425109	0.832281	-1.20152	0.00136757	0.350954	-2.84938	0.291158	1.28004	1.28004	0.00518394	0.435308	-2.29723	0.087329	0.653475	-1.53028	0.0224337	0.539864	-1.85232	5.67106	4.56294	0.7152	1
cg25244921	OSTBETA	0.0169824	0.821073	1.05193	1.05193	0.259052	1.30102	1.30102	0.00885887	0.474955	-2.10546	0.357301	0.809314	-1.23561	0.0625694	0.626032	-1.59736	0.770413	1.06758	1.06758	0.993945	0.998306	-1.0017	0.00181161	2.69438	2.69438	0.620652	1.11795	1.11795	4.97121	3.93215	0.703098	1
cg01933327	OSTBETA	0.0339981	0.0635172	0.578016	-1.73006	0.0128837	2.14903	2.14903	0.265215	0.717408	-1.39367	0.480614	1.20234	1.20234	0.182284	0.694237	-1.44024	0.00977256	2.35936	2.35936	0.295982	1.32938	1.32938	0.377084	0.787272	-1.27021	0.304147	1.32261	1.32261	[illegible]	[illegible]	[illegible]	1
cg00083193	OSTBETA	0.0460816	0.949067	0.975524	-1.02509	0.804433	1.10102	1.10102	0.0539893	0.241548	-4.13996	0.0221471	0.345051	-2.89813	0.231299	0.61443	-1.62752	0.150262	0.560782	-1.78323	0.0222237	0.345392	-2.89526	0.629757	1.20735	1.20735	0.0857951	0.478769	-2.08869	3.49426	8.32769	2.11844	1
cg12721145	OSTC	0.00217227	0.523355	0.931528	-1.07351	0.00272237	0.519812	-1.92377	0.0048773	0.664163	-1.50565	0.979993	1.00276	1.00276	0.0053592	0.442916	-2.25777	0.0792856	0.805507	-1.24145	0.0950318	1.22284	1.22284	0.465732	0.921817	-1.08481	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03298402	OSTC	0.0048615	0.108628	0.812468	-1.23082	0.299305	0.880153	-1.13617	0.00375299	0.628567	-1.59092	0.382744	1.11207	1.11207	0.0330534	1.34417	1.34417	0.0365316	1.33427	1.33427	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13958923	OSTC	0.0165533	0.00103784	0.0619791	-16.1345	0.982686	0.988428	-1.01171	0.13925	2.37092	2.37092	0.385829	0.619622	-1.61389	0.121633	0.404367	-2.473	0.871718	0.916965	-1.09055	0.326367	1.72658	1.72658	0.280616	1.83141	1.83141	0.383124	1.94108	1.94108	5.61651	25.0504	3.469	1
cg26403975	OSTC	0.022145	0.160175	0.728647	-1.37241	0.140571	1.39715	1.39715	0.837907	1.0313	1.0313	0.0016753	0.387539	-2.58039	0.0715657	0.654106	-1.5288	0.0457271	0.618467	-1.61692	0.0430065	0.40301	-2.48131	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07628187	OSTC	0.0240635	0.557666	0.872555	-1.14606	0.000596112	0.295699	-3.38181	0.325795	0.791941	-1.26272	0.170558	1.39319	1.39319	[illegible]	[illegible]	[illegible]	0.217118	0.76888	-1.30059	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21593588	OSTC	0.0411059	0.250507	0.828887	-1.20644	0.0268878	0.657575	-1.52074	0.105072	0.753344	-1.32742	0.932916	0.986627	-1.01355	0.315902	0.847191	-1.18037	0.757077	0.951591	-1.05087	0.0426699	1.84311	1.84311	0.398956	0.871012	-1.14809	0.509481	1.11295	1.11295	3.64626	1.47692	0.360044	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(105T N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1111 N)	Fold-Change(1 vs. N)	p-value(112T 117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 12T vs. N)	Fold-Change(1 vs. N)	p-value(121T N)	Fold-Change(1 21T vs. N)	p-value(1347 vs. N)	Fold-Change(1 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs. N)	p-value(537T 37T vs. N)	Fold-Change(1 vs. N)	p-value(63T N)	Fold-Change(1 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg04125245	OSTC1	0.000326246	0.00190183	0.391404	-2.55491	0.0453965	63.13028	-1.63125	0.00136969	0.37147	-2.602	0.0240087	0.566025	-1.76675	6.34E-06	0.11661	-4.57557	0.0231043	0.560353	-1.78459	0.947663	0.986101	-1.0141	0.0268498	0.573729	-1.74908	0.0039441	0.437425	-2.28611	16.0764	11.5753	0.640017	1
cg11458838	OSTC1	0.000925596	0.00109641	0.286954	-3.48488	0.917768	1.02714	1.02714	0.0077391	0.411895	-2.4278	0.996741	0.998942	-1.00106	5.47E-05	0.142473	-7.01887	0.0666516	1.70439	1.70439	0.0138983	0.454748	-2.19902	0.757004	0.922677	-1.0838	0.0168863	0.469659	-6.49269	-2.1292	12.027	12.8065	0.946499	1
cg01313949	OSTC1	0.01551159	0.351169	0.751948	-1.32988	0.0263925	0.457372	-2.1864	0.0228647	0.445297	-2.24569	0.521977	0.824632	-1.21266	0.01549885	0.413867	-2.41624	0.0497749	0.514331	-1.94428	0.964891	0.987008	-1.01316	0.000985126	0.233151	-4.28539	0.0237481	0.448461	-2.22985	5.123	7.16224	1.24272	1
cg26847775	OSTC1	0.02119918	0.4927	1.21842	1.21842	0.1373134	1.574237	1.574237	0.1754045	0.282896	0.728787	-1.37214	0.0963973	0.67801	1.67801	0.060425	0.365093	-2.73231	0.152081	1.54503	1.54503	0.145984	0.183971	0.670556	-1.4913	0.0152813	0.3268	0.3268	0.167936	1.516033	1.516933	4.55452	5.779942	1.13185	1
cg07834502	OSTC1	0.0350935	0.09695562	0.675327	-1.48472	0.785302	1.06103	1.06103	0.134637	0.704741	-1.41896	0.332053	1.24246	1.24246	0.0328329	0.581824	-1.71873	0.0375543	0.592051	-1.68904	0.760581	1.00855	1.00855	0.988802	-1.12511	0.00367203	0.406233	-2.46164	3.8634	2.87962	0.66254	1
cg07962115	OSTF1;C9orf95;C9orf95	0.0211158	0.964743	0.881247	0.01911	0.0627945	0.407953	-2.45126	0.191583	0.553157	-1.88781	0.857476	1.50971	0.50971	0.0254745	0.320742	-3.11777	0.0521182	0.388254	-2.57563	0.103391	0.187193	-5.50683	0.0413275	0.364986	-2.73983	0.253603	0.600124	-1.66632	4.61835	13.4164	2.58223	1
cg21769969	OSTM1	0.01673552	0.0432516	0.498237	-2.00708	0.0554767	1.91623	1.91623	0.225172	0.682701	-1.46477	0.351932	0.750489	-1.33247	0.00248275	0.283645	-3.52553	0.0467733	0.97805	1.97805	0.269731	0.708666	-1.4111	0.0632585	0.534773	-1.86995	0.4023327	0.773351	-1.29281	4.99562	7.10343	1.26394	1
cg23015983	OSTM1	0.0226909	0.627807	0.717337	-1.39405	0.6353	7	7	0.256882	0.445913	-2.25413	0.852327	1.15495	1.15495	0.7452134	0.801269	-1.24802	0.550219	0.662798	-1.50875	0.380954	1.82317	1.82317	0.962096	1.03949	1.03949	0.009517018	0.018991	-52.6549	5.08197	32.3087	5.56382	1
cg06976994	OSTN	0.000639207	0.00287841	0.739093	-1.35301	0.000111484	0.439066	-2.27756	0.000749659	0.538217	-1.85799	0.00299372	0.610659	-1.63757	0.01831	0.938218	-1.06585	0.027809	1.37024	1.37024	0.037047	1.34087	1.34087	0.334663	1.1281	1.1281	0.0397961	0.749816	-1.33366	13.346	3.10183	0.200593	1
cg03192737	OSTN	0.0293995	0.74414	0.85081	-1.17535	0.0487187	0.329363	-3.03616	0.0734844	0.37363	-2.67645	0.723886	0.839469	-1.19123	0.01498825	0.228652	-4.37346	0.0262067	0.272234	-3.67331	0.00283018	0.131558	-7.60121	0.763363	0.861603	-1.16063	0.035383	0.298603	-3.34892	4.11625	15.8666	3.42634	1
cg00760562	OSTalpha	0.416474	0.832273	0.5	-1.20085	0.7372249	1.07737	1.07737	0.0770026	0.395037	-2.53141	0.755857	0.93337	-1.07135	0.00068868	0.154425	-6.47527	0.529449	0.71524	1.15124	0.615951	0.99206	-1.00814	0.359775	1.25697	1.25697	0.143315	0.706307	-1.41582	6.4152	4.96596	0.688082	1
cg27558485	OSTalpha	0.00976991	0.041369	1.60527	0.60417	0.0041896	0.16328	2.16328	0.0828439	0.147158	1.47158	0.0817325	0.147409	1.47409	0.0454807	0.158546	1.58546	0.0103604	0.19165	1.91465	0.0013236	0.557222	0.55722	0.005102	2.10506	0.0955108	0.144538	1.44538	0.595475	3.81598	0.569627	1
cg21478136	OSTalpha	0.387391	1.515155	1.12015	0.129372	0.810238	1.094509	1.094509	0.0941144	0.183731	1.83731	0.819553	0.971562	-1.02969	0.912858	1.0076	1.0076	0.203759	1.18742	1.18742	0.005547	1.59218	1.59218	0.995785	0.999324	-1.00068	0.943051	0.882415	-1.13325	5.50013	1.42939	0.290881	1
cg21752056	OSTalpha;OSTalpha	0.0166316	0.5284	1.22237	0.22237	0.0611636	0.149193	1.149193	0.380674	1.18591	1.18591	0.828843	1.04191	1.041191	0.451265	1.15666	1.15666	0.528469	1.54052	1.54052	0.000783005	2.619777	2.61977	0.059787	1.49595	1.49595	0.0860867	1.43279	1.43279	0.408954	2.32877	0.506173	1
cg00760562	OSTalpha	0.416474	0.832273	0.5	-1.20085	0.7372249	1.07737	1.07737	0.0770026	0.395037	-2.53141	0.755857	0.93337	-1.07135	0.00068868	0.154425	-6.47527	0.529449	0.71524	1.15124	0.615951	0.99206	-1.00814	0.359775	1.25697	1.25697	0.143315	0.706307	-1.41582	6.4152	4.96596	0.688082	1
cg27558485	OSTalpha	0.00976991	0.041369	1.60527	0.60417	0.0041896	0.16328	2.16328	0.0828439	0.147158	1.47158	0.0817325	0.147409	1.47409	0.0454807	0.158546	1.58546	0.0103604	0.19165	1.91465	0.0013236	0.557222	0.55722	0.005102	2.10506	0.0955108	0.144538	1.44538	0.595475	3.81598	0.569627	1
cg21478136	OSTalpha	0.387391	1.515155	1.12015	0.129372	0.810238	1.094509	1.094509	0.0941144	0.183731	1.83731	0.819553	0.971562	-1.02969	0.912858	1.0076	1.0076	0.203759	1.18742	1.18742	0.005547	1.59218	1.59218	0.995785	0.999324	-1.00068	0.943051	0.882415	-1.13325	5.50013	1.42939	0.290881	1
cg21752056	OSTalpha;OSTalpha	0.0166316	0.5284	1.22237	0.22237	0.0611636	0.149193	1.149193	0.380674	1.18591	1.18591	0.828843	1.04191	1.041191	0.451265	1.15666	1.15666	0.528469	1.54052	1.54052	0.000783005	2.619777	2.61977	0.059787	1.49595	1.49595	0.0860867	1.43279	1.43279	0.408954	2.32877	0.506173	1
cg02941227	OSTC	0.000142196	0.00096657	0.468909	-2.13262	0.515537	0.870087	-1.14942	0.00314296	0.337451	-2.64935	0.000301907	0.289325	-3.45895	2.94E-05	0.177343	-5.63879	0.475415	0.85788	-1.16566	0.000589159	3.30193	3.30193	0.383037	1.25796	1.25796	0.0074119	0.00688	1.00688	0.20448	14.231	0.628031	1
cg13195463	OSTC	0.00134705	0.2897924	0.746796	-1.33912	0.0292758	0.731506	-1.36704	0.00123726	0.562718	-1.77589	0.00285143	0.512966	-1.94998	2.51E-06	0.080017014	0.459186	-2.17777	0.844871	1.02414	1.02414	0.00953185	0.149146	6.70716	0.448604	1.09858	1.09858	0.389001	0.8098097	-1.11347	10.8084	2.53725	0.208651	1
cg12497728	OTC	0.00588168	0.350566	1.25491	1.25491	0.0109076	0.469921	-2.12802	0.00216884	0.361704	-2.76469	0.0265887	0.537341	-1.86102	0.0173421	0.504191	-1.98338	0.351527	1.25431	1.25431	0.0488043	1.70191	1.70191	0.453579	0.8349116	-1.19773	0.00912858	0.458721	-2.17997	6.98193	6.17569	0.786245	1
cg00539709	OTC	0.0110957	0.413071	1.75232	-1.13292	0.0238961	0.99862	-2.50306	0.00135225	0.205345	-4.86982	0.813272	0.922679	-1.0833	0.00116282	0.130492	-7.66349	0.22775	0.650316	-1.53809	0.302994	0.921041	-1.08573	0.182966	0.546542	-1.82985	0.0963958	0.17318	0.0304182	5.77561	10.472	1.62834	1
cg27050343	OTC	0.0290745	0.339462	0.592513	-1.68773	0.0278523	0.251142	-3.98181	0.0209402	0.228333	-4.37957	0.125062	0.413695	-2.41724	0.00095344	0.072599	-13.6988	0.174605	0.464118	-2.15463	0.222801	0.50118	-1.99009	0.13314	0.426312	-2.36624	0.6180257	0.765485	-1.30636	4.32613	18.4967	3.97841	1
cg04749492	OTC	0.0164904	0.09113792	0.284554	-3.51599	0.0135131	0.597958	-1.67353	0.0064408	0.24553	-4.0731	0.231503	0.4403	-2.27133	0.0161561	0.328104	-3.04813	0.160607	0.489124	-2.04407	0.0099453	0.109515	-9.13018	0.0099463	0.100515	-9.95018	0.0027008	0.024596	-40.6625	0.0049764	0.366565	-2.72803	0.47008	2.05106	4.129679	1
cg27192602	OTOA;OTOA	1.90E-05	3.91E-06	0.25783	-3.87852	0.21786	1.17763	1.17763	0.156196	0.825855	-1.21087	0.653525	0.944603	-1.05865	1.23E-05	0.312535	3.19964	0.453037	1.10122	1.10122	0.271763	1.15523	1.15523	6.58E-06	2.282288	-3.54248	0.995711	1.00068	1.00068	34.3268	8.64951	0.223978	1
cg07084143	OTOA;OTOA	0.000859622	0.01445548	1.21334	1.21334	0.176869	1.09648	1.09648	0.00905001	0.808266	-1.21721	0.2403972	1.16405	1.16405	0.0013749	0.134372	1.34872	0.000221042	1.48407	1.48407	0.329211	0.933433	-1.06674	0.971116	0.99768	-1.00233	0.00983804	0.811111	-1.23288	12.3268	0.800731	0.057957	1
cg01167621	OTOA;OTOA	0.00224563	0.97884	1.1	0.29736	0.0464163	0.7521	1.5482	0.0312666	0.754354	1.2024	0.6442	0.0609284	0.0002247	0.0056305	0.338149	1.37258	0.010459	2.57194	2.57194	0.0001895	0.334149	0.334149	0.590287	1.83182	1.83182	0.0087025	0.546858	0.254148	-1.83591	5.11426	1.12526	0.252522	1
cg03981596	OTOA;OTOA	0.0041748	0.461437	0.832542	-1.20114	0.454879	0.83022	-1.2045	0.0228535	0.513926	-1.94581	0.43279	1.21613	1.21613	0.00693903	0.425539	2.34996	0.549109	0.862278	1.15972	0.00176455	0.336587	-2.971	0.00173785	2.97022	2.97022	0.207286	0.722479	-1.38412	7.75179	7.33569	0.841176	1
cg08095512	OTOA;OTOA;OTOA;OTOA	0.0262513	0.112969	0.509539	-1.96257	0.0139237	0.369818	-2.70447	0.0033128	0.153324	0.00333729	0.267878	-3.73305	0.0425721	0.401485	-2.49078	0.0043401	0.163827	0.556865	-1.79577	0.0068551	0.405662	-2.46491	0.0134317	0.601804	-1.66201	0.2515978	-3.96861	3.138415	1.479084	0.147062	4.283565	10.3936	2.015051	1
cg07263981	OTOF	0.0029298	0.0325972	4.26121	0.00268993	19.6997	19.6997	0.0187	7.5983	0.23953	5.23953	0.469288	1.52653	1.52653	0.981568	0.97758	-1.02293	0.119706	0.64148	1.64148	0.00212288	12.0029	12.0029	0.59298	1.44203	1.44203	0.0617366	1.355338	0.34928	12.7139	4.66013	1
cg02110048	OTOF	0.0123445	0.0337059	2.293614	-3.40584	0.000287086	0.053665	-18.6341	0.0143032	0.224795	-4.44851	0.449235	0.683166	-1.46377	0.0984606	0.408442	-2.44833	0.257242	0.557534	-1.79361	0.0407607	0.311275	-3.21259	0.317519	0.600169	-1.6662	0.443243	0.679588	-1.47148	5.52249	21.3546	3.43719	1
cg27305303	OTOF	0.027725	0.888241	1.1	0.09531	0.1205	1.45948	1.45948	0.0660993	0.724511	-1.38049	0.436698	1.20251	1.20251	0.4939	0.493297	1.24252	1.3894	1.2478	1.2478	0.342355	1.35894	1.35894	0.000265542	2.222189	-4.50907	0.822921	0.945255	-1.05792	5.46152	0.547424	0.888222	1
cg05331689	OTOF	0.0130895	0.835827	1.04703	1.04703	0.00628749	2.9209	3.2029	0.42001	0.832021	-1.20208	0.0213755	0.542015	-1.84497	0.136169	0.70073	-1.42708	0.173683	0.72573	1.37792	0.948528	1.0144	1.0144	0.466936	1.17816	1.17816	0.914444	1.02409	1.02409	0.541799	4.20904	0.690546	1
cg06470724	OTOF	0.0131557	0.0355455	2.813559	-3.51911	0.0779791	0.3975	2.5164405	0.0155	0.2	-5	0.0766308	0.390307	-2.56397	0.0765004	0.390307	-2.56397	0.0609618	0.2042	4.8975	0.0077282	0.157474	6.35091	0.0133716	0.2	5	0.0078795	-1.3876	0.1090385	0.42989	2.32626	0.44.0888	0.2255091	1
cg00006241	OTOF	0.0192643	0.0482794	5.61258	5.61258	0.00354151	20.5227	20.5227	0.0397963	6.15179	6.15179	0.231367	2.61055	2.61055	0.30274	2.26142	2.26142	0.0609618	0.2042	5.0242	0.0022244	26.4448	26.4448	0.155913	2.19115	3.19115	0.0184795	8.88248	8.88248	4.76474	0.4088	8.22501	1
cg01538575	OTOF	0.0153052	0.0338013	3.979553	-2.63468	0.00899775	0.273008	-3.66289	0.0270105	0.456197	-2.19232	0.25494	0.628382	-1.59139	0.00878143	0.271306	-3.68587	0.447572	0.738923	-1.35332	0.138812	1.86417	1.86417	0.954052	1.02252	1.02252	0.79107	0.901419	-1.10936	8.45499	9.32845	2.15096	1
cg04594658	OTOF;OTOF;OTOF	0.000170621	2.14122E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg03269045	OTOF;OTOF;OTOF;OTOF	0.000408368	0.369347	1.19666	1.19666	0.0821049	0.45515	1.45515	0.0193223	0.576403	-1.73488	0.0885646	0.693597	-1.44176	1.12E-05	0.162113	6.1617	0.814646	1.04679	1.04679	0.0051995	2.05436	2.05436	0.147448	0.738828	-1.3535	0.79235	0.949918	-1.05272	15.1137	9.0773	0.533869	1
cg07204348	OTOF;OTOF;OTOF;OTOF	0.000457814	0.0449502	2.182395	-4.57938	0.0144682	0.123321	2.18421	0.0170173	0.587568	-1.70193	0.6167	0.758582	-1.31844	0.0001504	0.126	7.93651	0.556609	0.854842	1.16981	0.0845604	0.54536	1.83395	0.0001504	0.126	7.93651	0.0045642	-1.5046	0.1333559	0.59459	0.846666	1.4811	0.8683	0.7957	1
cg01015122	OTOL1	0.00197342	0.0243516	4.98168	0.20736	0.115573	0.55928	1.55928	0.477447	0.82897	-1.20632	0.0086025	0.272414	-3.67089	0.000640854	0.254488	-3.89943	0.269731	0.741966	1.34777	0.552141	0.855392	-1.16905	0.144603	1.50217	1.50217	0.00218019	0.295404	3.3856	0.976956	10.3378	0.349336	1
cg13212525	OTOL1	0.0467365	0.653271	0.79778	-1.25348	0.147721	0.460245	-2.17276	0.0165249	0.215156	-4.31936	0.0136016	0.217551	-4.59663	0.0216865	0.252311	-3.96337	0.858521	1.09324	1.09324	0.0524026	0.332163	-3.01057	0.688811	0.817808	-1.22278	0.0238652	0.260019	-3.84588	3.47577	13.7413	3.51419	1
cg21260317	OTOL1	0.0109944	0.0504626	1.2491	1.2491	0.0407127	0.645841	-1.55318	0.0328675	0.630594	-1.58581	0.00279977	0.448816	-2.22759	0.00488667	0.480153	-2.08257	0.159687	0.435482	1.29595	0.0015864	0.771	0.771	0.0035809	1.2975	1.2975	0.0081054	0.745	0.2	5	0.0078795	-1.3876	0.1090385	0.42989	2.32626	0.44.0888	0.2255091	1
cg27263981	OTOF	0.0029298	0.0325972	4.26121	0.00268993	19.6997	19.6997	0.0187	7.5983	0.23953	5.23953	0.469288	1.52653	1.52653	0.981568	0.97758	-1.02293	0.119706	0.64148	1.64148	0.00212288	12.0029	12.0029	0.59298	1.44203	1.44203	0.0617366	1.355338	0.34928	12.7139	4.66013	1
cg02110048	OTOF	0.0123445	0.0337059	2.293614	-3.40584	0.000287086	0.053665	-18.6341	0.0143032	0.224795	-4.44851	0.449235	0.683166	-1.46377	0.0984606	0.408442	-2.44833	0.257242	0.557534	-1.79361	0.0407607	0.311275	-3.21259	0.317519	0.600169	-1.6662	0.443243	0.679588	-1.47148	5.52249	21.3546	3.43719	1
cg27305303	OTOF	0.027725	0.888241	1.1	0.09531	0.1205	1.45948	1.45948	0.0660993	0.724511	-1.38049	0.436698	1.20251	1.20251	0.4939	0.493297	1.24252	1.3894	1.2478	1.2478	0.342355	1.35894	1.35894	0.000265542	2.222189	-4.50907	0.822921	0.945255	-1.05792	5.46152	0.547424	0.888222	1
cg05331689	OTOF	0.0130895	0.835827	1.04703	1.04703	0.00628749	2.9209	3.2029	0.42001	0.832021	-1.20208	0.0213755	0.542015	-1.84497	0.136169	0.70073	-1.42708	0.173683	0.72573	1.37792	0.948528	1.0144	1.0144	0.466936	1.17816	1.17816	0.914444	1.02409	1.02409	0.541799	4.20904	0.690546	1
cg06470724	OTOF	0.0131557	0.0355455	2.813559	-3.51911	0.0779791	0.3975	2.5164405	0.0155	0.2	-5	0.0766308	0.390307	-2.56397	0.0765004	0.390307	-2.56397	0.0609618	0.2042	4.8975	0.0077282	0.157474	6.35091	0.0133716	0.2	5	0.0078795	-1.3876	0.1090385	0.42989	2.32626	0.44.0888	0.2255091	1
cg00006241	OTOF	0.0192643	0.0482794	5.61258	5.61258	0.00354151	20.5227	20.5227	0.0397963	6.15179	6.15179	0.231367	2.61055	2.61055	0.30274	2.26142	2.26142	0.0609618	0.2042	5.0242	0.0022244	26.4448	26.4448	0.155913	2.19115	3.19115	0.0184795	8.88248	8.88248	4.76474	0.4088	8.22501	1
cg01538575	OTOF	0.0153052	0.0338013	3.979553	-2.63468	0.00899775	0.273008	-3.66289	0.0270105	0.456197	-2.19232	0.25494	0.628382	-1.59139	0.00878143	0.271306	-3.68587	0.447572	0.738923	-1.35332	0.138812	1.86417	1.86417	0.954052	1.02252	1.02252	0.79107	0.901419	-1.10936	8.45499	9.32845	2.15096	1
cg04594658	OTOF;OTOF;OTOF;OTOF	0.000170621	2.14122E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg03269045	OTOF;OTOF;OTOF;OTOF	0.000408368	0.369347	1.19666	1.19666	0.0821049	0.45515	1.45515	0.0193223	0.576403	-1.73488	0.0885646	0.693597	-1.44176	1.12E-05	0.162113	6.1617	0.814646	1.04679	1.04679	0.0051995	2.05436	2.05436	0.147448	0.738828	-1.3535	0.79235	0.949918	-1.05272	15.1137	9.0773	0.533869	1
cg07204348	OTOF;OTOF;OTOF;OTOF	0.000457814	0.0449502	2.182395	-4.57938	0.0144682	0.123321	2.18421	0.0170173	0.587568	-1.70193	0.6167	0.758582	-1.31844	0.0001504	0.126	7.93651	0.556609	0.854842	1.16981	0.0845604	0.54536	1.83395	0.0001504	0.126	7.93651	0.0045642	-1.5046	0.1333559	0.59459	0.846666	1.4811	0.8683	0.7957	1
cg01015122	OTOL1	0.00197342	0.0243516	4.98168	0.20736	0.115573	0.55928	1.55928	0.477447	0.82897	-1.20632	0.0086025	0.272414	-3.67089	0.000640854	0.254488	-3.89943	0.269731	0.741966	1.34777	0.552141	0.855392	-1.16905	0.144603	1.50217	1.50217	0.00218019	0.295404	3.3856	0.976956	10.3378	0.349336	1
cg13212525	OTOL1	0.0467365	0.653271	0.79778	-1.25348	0.147721	0.460245	-2.17276	0.0165249	0.215156	-4.31936	0.0136016	0.217551	-4.59663	0.0216865	0.252311	-3.96337	0.858521	1.09324	1.09324	0.0524026	0.332163	-3.01057	0.688811	0.817808	-1.22278	0.0238652	0.260019	-3.84588	3.47577	13.7413	3.51419	1
cg21260317	OTOL1	0.0109944	0.0504626	1.2491	1.2491	0.0407127	0.645841	-1.55318	0.0328675	0.630594	-1.58581	0.00279977	0.448816	-2.22759	0.00488667	0.480153	-2.08257	0.159687	0.435482	1.29595	0.0015864	0.771	0.771	0.0035809	1.2975	1.2975	0.0081054	0.745	0.2	5	0.0078795	-1.3876	0.1090385	0.42989	2.32626	0.44.0888	0.2255091	1
cg27263981	OTOF	0.0029298	0.0325972	4.26121	0.00268993	19.6997	19.6997	0.0187	7.5983	0.23953	5.23953	0.469288	1.52653	1.52653	0.981568	0.97758	-1.02293	0.119706	0.64148	1.64148	0.00212288	12.0029	12.0029	0.59298	1.44203	1.44203	0.0617366	1.355338	0.34928	12.7139	4.66013	1
cg02110048	OTOF	0.0123445	0.0337059	2.293614	-3.40584	0.000287086	0.053665	-18.6341	0.0143032	0.224795	-4.44851	0.449235	0.683166	-1.46377	0.0984606	0.408442	-2.44833	0.257242	0.557534	-1.79361	0.0407607	0.311275	-3.21259	0.317519	0.600169	-1.6662	0.443243	0.679588	-1.47148	5.52249	21.3546	3.43719	1
cg27305303	OTOF	0.027725	0.888241	1.1	0.09531	0.1205	1.45948	1.45948	0.0660993	0.724511	-1.38049	0.436698	1.20251	1.20251	0.4939	0.493297	1.24252	1.3894	1.2478	1.2478	0.342355	1.35894	1.35894	0.000265542	2.222189	-4.50907	0.822921	0.945255	-1.05792	5.46152	0.547424	0.888222	1
cg05331689	OTOF	0.0130895	0.835827	1.04703	1.04703	0.00628749	2.9209	3.2029	0.42001	0.832021	-1.20208	0.0213755	0.542015	-1.84497	0.136169	0.70073	-1.42708	0.173683	0.72573	1.37792	0.948528	1.0144	1.0144	0.466936	1.17816	1.17816	0.914444	1.02409	1.02409	0.541799	4.20904	0.690546	1
cg06470724	OTOF	0.0131557	0.0355455	2.813559	-3.51911	0.0779791	0.3975	2.5164405	0.0155	0.2	-5	0.0766308	0.390307	-2.56397	0.0765004	0.390307	-2.56397	0.0609618	0.2042	4.8975	0.0077282	0.157474	6.35091	0.0133716	0.2	5	0.0078795	-1.3876	0.1090385	0.42989	2.32626	0.44.0888	0.2255091	1
cg00006241	OTOF	0.0192643	0.0482794	5.61258	5.61258	0.00354151	20.5227	20.5227	0.0397963	6.15179	6.15179	0.231367	2.61055	2.61055	0.30274	2.26142	2.26142	0.0609618	0.2042	5.0242	0.0022244	26.4448	26.4448	0.155913	2.19115	3.19115	0.0184795	8.88248	8.88248	4.76474	0.4088	8.22501	1
cg01538575	OTOF	0.0153052	0.0338013	3.979553	-2.63468	0.00899775	0.273008	-3.66289	0.0270105	0.456197	-2.19232	0.25494	0.628382	-1.59139	0.00878143	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg04875128	OTUD7A	0.0229421	0.119275	2.15799	0.175974	2.15799	0.92151	0.727866	1.17227	1.35645	1.53962	1.57852	0.0875296	2.15881	0.0379336	2.98007	2.88907	3.00007	0.00074068	10.6508	10.6508	0.00332127	2.39466	2.39466	0.269453	1.68748	1.68748	4.11364	13.4867	2.91424	1
cg17865371	OTUD7B	3.46E-06	0.66908	0.934138	-1.07051	0.969742	0.994008	-1.00603	0.00227541	0.508475	-1.96627	0.00835781	0.58626	-1.70573	1.65E-07	0.0765599	13.0446	0.000111286	0.340634	-2.9357	1.67E-06	0.148874	-6.7171	0.805146	0.961591	-1.03994	2.21E-05	0.25939	-3.8553	53.3714	21.2242	0.353485	1
cg18769229	OTUD7B	0.000929881	0.506035	0.80325	-1.24494	0.054619	2.02975	2.02975	0.0179016	2.54555	2.54555	9.33E-05	0.104042	-9.61151	0.000388989	0.15946	-6.27118	0.795466	0.91911	-1.08801	0.176697	0.627311	-1.59411	0.751412	1.1087	1.1087	0.829294	1.07263	1.07263	12.0113	20.0564	1.48426	1
cg23623625	OTUD7B	0.000314495	0.0170109	0.48706	-2.05311	0.131376	0.66855	-1.49707	0.00680173	0.421168	-2.37435	0.111824	0.0019648	-1.53429	0.142778	0.0774645	-1.47609	0.0216797	0.505899	-1.97668	0.000284361	0.230974	-4.3295	0.0312186	0.185109	0.185109	0.0156373	0.480643	-2.08055	8.30757	8.04065	0.860328	1
cg05951828	OTUD7B	0.00737002	0.0390578	0.62303	-1.60506	0.742184	0.936696	-1.06758	0.152279	0.738023	-1.35497	0.768909	0.943306	-1.0601	0.000189956	0.287575	-3.47735	0.0175498	0.564087	-1.77278	0.0089367	0.517641	-1.93183	0.655752	0.9149051	-1.09296	0.191928	0.7606	-1.31475	0.50954	0.04599	0.552487	1
cg18129781	OTUD7B	0.0123547	0.190373	1.56545	1.56545	0.00394978	0.285657	-3.5007	0.0159947	0.385531	-2.59382	0.0248299	0.421779	-2.57091	0.4608301	0.784533	-1.27464	0.2290012	0.688463	-1.46314	0.0490267	1.24368	2.14368	0.0910655	1.82492	1.82492	0.414421	0.762281	-1.31185	5.52101	0.1329	1.47041	1
cg16698116	OTUD7B	0.017563	0.0753094	2.06338	2.06338	0.00422952	4.24048	4.24048	0.00500303	4.04854	4.04854	0.0212284	2.78974	2.78974	0.79465	1.0984	1.0984	2.223639	0.629154	-1.58943	0.629261	0.839309	-1.19146	0.355489	0.709384	-1.40967	0.609303	0.830569	-1.20399	5.49692	11.0263	1.56015	1
cg08232350	OTUD7B	0.107747	0.779047	-1.29159	0.0188164	0.726532	-1.37642	0.0851894	0.754788	-1.32488	0.521916	1.09935	1.09935	0.144337	1.25715	1.14025	1.14025	1.162086	1.14018	1.24349	0.0193627	0.663003	-1.51325	0.0182251	0.685518	-1.45947	0.0378731	0.703751	-1.42096	4.16657	1.40518	0.29978	1
cg07318158	OTUD7B	0.0292562	0.160188	0.787578	-1.26972	0.354823	0.185287	-1.16376	0.65468	0.93086	-1.07428	0.405609	0.14501	-1.34501	0.0042462	0.653218	-1.53388	0.149651	0.782048	-1.27869	0.553026	0.909114	-1.09997	0.00263715	0.91933	0.91933	0.575844	1.09412	1.09412	4.12337	6.159399	0.356556	1
cg09185809	OTUD7B;OTUD7B	0.0151654	0.00173847	0.390267	-2.56235	0.14641	1.38884	1.38884	0.460304	0.835358	-1.17162	0.484792	1.16135	1.16135	0.0513235	0.62656	-1.59602	0.17378	0.737194	-1.35649	0.00828341	0.491011	-2.03661	0.460922	1.17136	1.17136	0.0784122	0.662373	-1.50972	5.16194	5.62942	0.624989	1
cg07556193	OTUD7C	0.000473113	0.484972	-1.2599	0.0192102	0.726532	0.0156794	-1.55009	0.0188158	1.78772	1.78772	0.0529869	1.33625	1.33625	0.0020504	0.562524	-1.78002	0.667816	1.05868	1.05868	1.24324	0.851925	1.18688	1.18688	1.05921	0.000182899	2.30217	2.30217	21.4928	5.914649	0.244613	1
cg10271192	OTX1	0.0003953	0.181037	1.39795	1.39795	0.410412	1.75429	1.75429	0.896292	0.969704	-1.03124	0.0156914	0.497279	-2.01094	0.0217209	1.91549	1.91549	0.0109701	0.470969	-2.12328	3.55E-05	0.0011093	3.10703	0.0260528	0.536322	-1.86455	0.450816	0.0009252	0.0557167	17.9479	13.6074	0.860329	1
cg10429532	OTX1	0.0005852352	0.0455561	0.53153	-4.24936	0.00250602	0.0160292	0.7226	0.0624012	0.262804	-4.58519	0.695712	0.780346	-1.28148	0.00124605	0.0218931	4.57265	0.0019883	0.163994	1.34694	3.94E-05	0.307709	-3.24983	0.923751	0.985755	-1.01445	0.206219	1.22119	13.5656	4.82575	0.316208	1
cg23229261	OTX1	0.00100421	0.0361882	0.19459	-5.139	0.000875125	0.0349552	-28.608	0.0455397	0.214196	-4.66867	0.0698627	0.256112	-3.90453	0.00130203	0.0199729	-50.0678	0.0005566312	0.0273459	-36.5685	0.0045259	0.0078706	-12.7055	0.178547	2.61277	2.61277	0.00197643	0.0530145	-18.8628	11.7525	84.0469	6.35679	1
cg10040333	OTX1	0.00017686	0.0127389	0.42024	4.29621	0.732661	1.17242	1.17242	0.0159947	0.385531	-2.58892	0.0248299	0.421779	-2.57091	0.4608301	0.784533	-1.27464	0.2290012	0.688463	-1.46314	0.0490267	1.24368	2.14368	0.0910655	1.82492	1.82492	0.414421	0.762281	-1.31185	5.52101	0.1329	1.47041	1
cg10020373	OTX1	0.00124775	0.0659651	1.07006	1.07006	3.99E-05	0.293952	-3.40191	0.0235574	0.655982	-1.52443	0.057937	1.39684	1.39684	0.404692	1.14217	1.14217	0.032124	1.47899	1.47899	0.127409	0.773358	-1.29306	0.0737771	0.732897	-1.36445	0.75578	1.04985	1.04985	1.0148	4.2535	0.342225	1
cg26736450	OTX1	0.00194801	0.0906059	0.79228	-1.26218	0.432219	0.885099	-1.12887	0.00142067	2.26972	2.26972	0.179563	0.837047	-1.19468	0.0154242	0.689852	-1.44959	0.0047628	0.795038	-1.2578	0.800249	1.010604	1.01604	0.0245364	1.39736	1.39736	0.043886	1.33667	1.33667	9.75614	2.40091	0.219649	1
cg08473330	OTX1	0.00210634	0.311312	-1.60847	-1.49288	0.00589338	0.252007	-1.96815	0.0210516	0.445524	-2.89415	0.0333524	0.586291	-1.64105	0.0014502	0.172013	-5.81352	0.0047073	0.414131	-2.41469	0.0202084	0.341784	-2.92583	0.00125679	0.606001	0.606001	0.0975245	0.498819	-2.00474	9.4973	22.0112	2.06011	1
cg04276301	OTX1	0.00284438	0.135332	1.88354	1.88354	0.0291898	2.74785	2.74785	0.52448	0.775931	-1.28877	0.263924	0.63252	-1.58098	0.2717783	1.56826	1.56826	0.00851419	0.266951	-3.746	0.000653423	0.128091	-7.80694	0.00638564	0.03882	0.03882	0.0961829	0.487448	-2.0515	8.6944	21.3036	2.17801	1
cg00403767	OTX1	0.00330043	0.886744	1.08797	1.08797	0.0261592	0.178022	-1.45171	0.0040922	1.88007	-1.53573	0.033299	0.449423	-2.27572	0.0076313	0.176668	1.76668	0.00336418	0.157782	-6.33784	0.000514	0.0107582	3.47357	0.0105824	0.442235	0.442235	0.0441736	0.284577	-2.26124	8.31846	28.0577	2.99817	1
cg01022865	OTX1	0.00367487	0.0854074	0.221857	-4.5074	0.0334638	0.0423551	-23.6099	0.171486	0.315756	-3.16702	0.025728	0.122763	-8.14705	0.0007345	0.0469558	-21.2966	0.0091624	0.272787	-13.7387	0.0104921	0.0215038	-46.5035	0.0992291	4.18304	4.18304	0.0101376	0.0766783	-13.0415	0.05526	79.9828	8.82712	1
cg19323495	OTX1	0.00199746	0.0193806	2.61	2.61	0.0228208	0.820399	1.26426	0.0708945	2.02685	2.02685	0.13742	0.581007	-1.72115	0.2674959	1.24783	1.24783	0.0021554	0.247834	-4.03455	0.0018388	0.0138338	-7.25154	0.0159264	0.550257	0.55025	0.00947	0.0133772	0.712994	-1.40254	8.32323	1.62855	1
cg15026634	OTX1	0.00429473	0.0649213	2.2115	2.2115	0.797756	0.906355	-1.10332	0.146804	0.550871	-1.81531	0.0408686	0.405042	-2.46888	0.691266	0.858262	1.16515	0.00155468	0.1752	-5.70777	0.00409688	0.228829	-4.37008	0.00834251	3.63575	3.63575	0.0684671	0.457952	-2.18364	7.68569	17.8465	2.06404	1
cg07938743	OTX1	0.00441511	0.226456	1.83459	1.83459	0.0833104	0.407186	-2.45588	0.787491	0.878885	-1.13781	0.283639	1.70274	1.70274	0.0393442	0.156652	-6.38358	0.018712	0.256235	-3.90205	0.00599829	0.0796842	-12.5495	0.0941217	2.40949	2.40949	0.0452631	0.333718	-2.99654	7.62161	27.558	3.21402	1
cg27581028	OTX1	0.00460783	0.537031	0.48064	-2.07972	0.473147	2.11968	2.11968	0.0155252	1.60461	1.60461	0.100189	0.623044	-1.60461	0.0040753	0.15493	1.5493	0.0026282	0.184964	-5.40603	0.0004756	0.0076003	5.4933	0.0261152	1.60461	1.60461	0.0196753	0.761482	-1.33121	0.752662	0.963702	0.1025	-1.0376	0.00319265	1.60008	1.60008	0.429933	0.0109218	1
cg00445405	OTX1	0.00535514	0.82182	0.901987	-1.10866	0.0603821	0.379637	-2.63409	0.00681448	0.201265	-4.96857	0.0063677	0.194901	-5.13082	0.00607779	0.194322	-5.1461	0.00262842	0.148913	-6.71534	0.0317464	0.339036	-3.13444	0.0577457	2.66773	2.66773	0.0312272	0.314744	-3.17719	7.18616	23.8029	2.94429	1
cg04645430	OTX1	0.00628997	0.0828243	0.13238	-7.55403	0.0154648	0.295481	-3.46664	0.0335372	0.232435	-4.69848	0.0106439	0.182353	-5.48752	0.00245547	0.130905	-7.6401	0.0021259	0.172286	-5.80431	0.0044387	0.0837828	-11.9556	0.0211107	2.68503	2.68503	0.0147808	0.454664	-2.45446	8.83264	40.0088	4.52358	0.587906	1
cg09774515	OTX1	0.00933278	0.541577	0.559539	-1.78718	0.0210689	0.152945	-6.53847	0.0841416	0.166035	-6.02282	0.00653269	0.0361359	-27.6733	0.0345255	0.354884	-2.81782	0.00155749	0.147919	-6.76047	0.0176809	0.36209	-2.76047	0.0176809	3.36209	3.36209	0.128152	0.500993	-1.99604	0.0008	16.7838	2.48616	1
cg16595607	OTX1	0.00953678	0.0601688	2.43739	2.43739	0.316559	1.54516	1.54516	0.367546	1.47547	1.47547	0.639835	0.820328	-1.21902	0.275697	1.61047	1.61047	0.823504	1.3941	-1.13298	0.0266601	0.72	-1.38683	0.579437	0.749616	-1.33402	0.169245	0.470518	-2.12152	5.56243	31.7536	3.73103	1
cg01238462	OTX1	0.0159501	0.895901	1.03481	1.03481	0.0154648	0.295481	-3.46664	0.0335372	0.232435	-4.69848	0.0106439	0.182353	-5.48752	0.00245547	0.130905	-7.6401	0.0021259	0.172286	-5.80431	0.0044387	0.0837828	-11.9556	0.0211107	2.68503	2.68503	0.0147808	0.454664	-2.45446	8.83264	40.0088	4.52358	0.587906	1
cg01897594	OTX1	0.0134983	0.0351479	0.375713	-2.66161	0.0362444	0.787302	-2.6406	0.883915	0.944694	-1.06854	0.0166732	0.23819	-4.19777	0.0068574	0.241297	-4.14457	0.0075138	-1.33087	0.14626	1.84776	0.628161	11.4847	1.82831	1
cg08065683	OTX1	0.0422117	0.24572	1.97555	1.97555	0.0207351	0.164347	-2.08306	0.151257	0.661028	-1.51257	0.0203128	0.313164	-3.19344	0.0145436	0.370843	-2.69656	0.0779001	0.333119	-3.00013	0.173822	0.443279	-2.25592	0.00589192	0.55902	0.55902	0.0209508	0.348899	-2.86705	8.65105	22.6376	2.61673	1
cg00431699	OTX1	0.0240767	0.032613	5.2502	5.2502	0.638597	1.36847	1.36847	0.658986	1.34246	1.34246	0.188556	0.397001	-2.51889	0.4786511	1.61225	1.61225	0.0496849	0.226565	-4.41375	0.0497031	0.226599	-4.41308	0.00550899	11.2404	11.2404	0.299033	0.489799	-2.04365	4.41452	30.7443	6.19054	1
cg13471114	OTX1	0.0313608	0.0193291	0.593646	-1.68451	0.0056498	44.8958	44.8958	0.0203035	18.4096	18.4096	0.300489	3.05568	3.05568	0.3218572	2.90226	2.90226	0.0019626	0.142702	-7.00735	0.0517446	0.359894	9.35894	0.0050408	47.5313	47.5313	0.11776	5.86241	5.86241	0.022279	69.0586	15.2594	1
cg10208768	OTX1	0.162888	0.0240274	2.61	2.61	0.0228208	0.820399	1.26426	0.0708945	2.02685	2.02685	0.13742	0.581073	1.64456	-1.18432	0.00952951	4.46266	0.766564	1.10797	1.10797	0.108441	1.51585	1.51585	0.809646	0.929314	-1.07606	0.0940052	1.73091	1.9065	5.31208	1.2991	1
cg10487970	OTX1	0.03684722	0.7396621	1.27253	1.27253	0.00474487	15.0351	15.0351	0.0112979	9.90357	9.90357	0.0652722	4.46174	4.46174	0.883785	1.11149	1.11149	0.143024	3.11915	3.11915	0.734725	1.27863	1.27863	0.010845	10.0955	10.0955	0.330667	2.06556	2.06556	3.79558	31.3957	7.35251	1
cg25622366	OTX1	0.0423807	0.0640613	0.197863	-5.05161	0.0138456	0.145456	-6.8328	0.870362	0.232435	-4.69848	0.0106439	0.182353	-5.48752	0.00245547	0.130905	-7.6401	0.0021259	0.172286	-5.80431	0.0044387	0.0837828	-11.9556	0.0211107	2.68503	2.68503	0.0147808	0.454664	-2.44095	8.83264	40.0088	4.52358	0.587906	1
cg03299042	OTX1	0.0436213	0.959076	0.787838	-1.02162	0.0886617	0.45711	-2.18766	0.0297024	0.344157	-2.90565	0.842011	0.08674	1.08674	0.0176414	0.0241826	4.35725	0.0139035	0.0884494	2.10621	0.0144004	0.0681224	14.6758	0.0070911	0.0144706	0.0144706	0.0020625	0.0314144	31.8284	0.0144706	0.0144706	0.0020625	0.0314144	31.8284	0.0144706	0.0144706	0.0020625	0.0314144	31.8284	1
cg22732253	OTX1	0.0472269	0.256031	1.73927	1.73927	0.6006334	0.781479	-1.27962	0.477922	0.714049	-1.40046	0.215712	0.544311	-1.83718	0.445209	0.69539	-1.43804	0.0356763	0.319426	-3.13062	0.0541163	0.36045	-2.77431	0.00767571	4.94998	4.94998	0.816706	0.897286	-1.11447	5.46213	11.9482	3.06766	1
cg16460681	OTX1	0.0479778	0.3821141	1.01488	1.01488	0.0307955	0.185456	-5.41328	0.876302	0.232435	-4.69848	0.0106439	0.182353	-5.48752	0.00245547	0.130905	-7.6401	0.0021259	0.172286	-5.80431	0.0044387	0.0837828	-11.9556	0.0211107	2.68503	2.68503	0.0147808	0.454664	-2.44095	8.83264	40.0088	4.52358	0.587906	1
cg11935853	OTX1;OTX1	0.00809087	0.229151	0.785042	-1.27382	0.331206	2.212	2.212	0.083955	0.602988	-1.44303	0.143352	0.739638	-1.35201	0.0537346	0.887219	-1.12712	0.895105	1.02562	1.02562	0.327961	1.21367	1.21367	0.248627	1.26022	1.26022	0.00229802	3.23259	3.23259	12.6321	3.68246	0.517793	1
cg13784080	OTX2	1.18E-05	0.0038899	0.687	1.45555	0.0134966	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	0.0001	-1.84	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	1
cg20757561	OTX2	3.83E-05	0.497783	0.907362	-1.1021	0.417856	0.12404	1.12404	0.377632	1.13639	1.13639	0.817337	0.967852	-1.03322	0.465701	0.900458	-1.11055	0.0209058	0.0212784	1.64424	0.670678	0.924144	1.08188	3.91E-06	0.0001703	1.03935	1.03935	0.0156326	0.93443	0.467646	1
cg27122213	OTX2	0.00108512	0.736427	1.17167	1.17167	0.1886611	0.528393	1.16252	0.0136192	0.736219	1.35836	0.0734194	0.552284	-1.81094	0.0136629	0.760491	1.3151	0.750038	1.18572	1.16172	0.424412	0.75708	1.32132	0.0224212	0.466071	2.14E-05	0.78409	0.74305	0.3676768	0.64734	1.54497	0.40468	0.09629	1
cg02036261	OTX2	0.00135717	0.720628	0.819225	-1.22067	0.506494	1.45391	1.45391	0.00135407	13.2465	13.2465	0.905144	0.935949	-1.06843	0.101809	0.369911	-2.70335	0.0834254	2.89802	2.89802	0.29085	0.544088	-1.83793	4.66E-05	71.2987	71.2987	0.174505	2.22999	2.22999	10.7852	52.6653	4.34052	1
cg21205316	OTX2	0.00163098	0.419428	1.38643	1.38643	0.1734607	1.10705	1.10705	0.0188288	1.49222	1.49222	0.0152312	0.672988	-1.48609	0.0117027	0.187206	1.87206	0.0207981	0.0207981	1.57275	1.57275	2.89E-05	6.27523	6.27523	0.0157717	1.15887	1.15887	0.202296	0.81093	0.704672	1
cg13826890	OTX2	0.00109242	0.220108	0.730706	-1.36854	0.202651	0.97862	1.97862	0.0261148	1.9067	1.9067	0.894891	0.968197	-1.03285	0.407429	1.23022	1.23022	0.020305	0.885054	-1.12987	0.564033	0.867108	-1.15326	3.61E-05	7.00185	7.00185	0.987334	0.996126	-1.00389	9.65257	9.13918	0.841611	1
cg13411015	OTX2	0.00151472	0.317051	0.837051	-1.19467	0.0195212	0.542857	-1.77869	0.0414421	0.684579	-1.46059	0.0263184	0.389408	-2.56158	0.0138408	0.226976	2.40907	0.0127392	-1.06042	0.942739	0.0115552	0.865	0.0018796	0.993555	0.789188	-1.26712	0.0081606	0.688443	0.108464	0.768245	0.943954	0.102218	1
cg10042106	OTX2	0.0426214	0.4731993	0.241082	-4.14807	0.555658	-2.76969	-2.76969	0.0203326	0.876579	-1.12653	0.126119	2.2018	2.2018	0.263848	1.74389	1.74389	0.752931	0.86004	-1.16274	0.550781	1.33402	1.33402	0.786-05	32.499	32.499	0.1723566	0.844033	0.844033	-1.18479	7.25231	26.1855	3.20946	1
cg01060750	OTX2	0.0208274	0.55025	0.791698	-1.26311	0.145605	0.546736	-1.8291	0.773471	0.894465	-1.11799	0.0272651	0.27452	-3.64252	0.0435464	1.36	1.36	0.821372	1.09132	1.09132	0.81939	1.09245	0.00811066	7.04249	7.04249	0.332727	0.679671	-1.4713	0.640408	10.9748	2.10242	1
cg01213381	OTX2	0.0194664	0.0216057	0.724021	-1.38102	0.0195627	0.159886	-6.25555	0.0202232	0.494522	-2.02196	0.0934	0.538472	-1.85746	0.0223746	1.22746	1.22746	0.0185172	0.173884	-5.75227	0.0156167	0.0876669	-11.4068	0.0819957	0.244147	0.244147	0.0136997	0.0784127	-12.7509	0.0387477	0.0191398	0.224272	0.412994	0.78183	1
cg26998537	OTX2	0.0329865	0.549142	0.70869	-1.41105	0.00954156	0.154907	-6.45547	0.159415	0.425626	-2.34946	0.315562	1.8031	1.8031	0.018176	0.196086	5.0998	0.0583657	0.296677	-3.37067	0.0115476	0.16624	-6.01541	0.856154	0.902054	-1.10858	0.0454645	0.2715651	-3.68122	9.95063	20.1921	4.54321	1
cg20086407	OTX2	0.0453723	0.54894	1.58494	1.58494	0.0314153	0.124715	-4.45009	0.8771	0.380211	-2.63102	-1.09872	0.99337	1.03148	1.0148	0.0458178	1.42525	0.0158063	0.692732	-1.44355	0.470122	0.639345	-1.56362	0.0023754	1.33901	1.33901	0.0178703	1.03935	1.03935	0.162626	0.82863	5.20987	1
cg04736351	OTX2	0.0249803	0.21524	0.516426	-1.93639	0.658329	1.25289	1.25289	0.0346727	0.287223	-3.48161	0.0706341	0.78273	1.78273	0.137233	1.44547	2.44547	0.5596197	0.762688	-1.31115	0.0237242	0.254701	-3.92618	0.0448728	3.21005	3.21005	0.480256	0.7003575	1.4274	3.5261	34.1217	3.61286	1
cg10835712	OTX2;OTX2	3.91E-07	2.22E-06	0.200642	-4.984	6.73E-07	0.153023	-6.53495	0.000499685	0.469706	-2.12899	0.00254969	0.559381	-1.78769	2.74E-07	0.121506	-8.23005	6.31E-07	0.150601	-6.64005	7.22E-08	0.0820252	-12.1914	0.00078808	0.495225	-2.01928	9.32E-06	0.264926	-3.77464	93.1161	28.4015	0.271122	1
cg08089304	OTX2;OTX2	0.0160078	0.0160078	0.462423	-2.16302	0.0195627	0.159886	-6.25555	0.0202232	0.494522	-2.02196	0.0934	0.538472	-1.85746	0.0223746	1.22746	1.22746	0.0185172	0.173884	-5.75227	0.0156167	0.0876669	-11.4068	0.0819957	0.244147	0.244147	0.0136997	0.0784127	-12.7509	0.0387477	0.0191398	0.224272	0.412994	0.78183	1
cg24191462	OTX2;OTX2	6.29E-05	0.400381	0.756802	-1.32135	0.81812	0.395805	-2.5265	1.78E-05	0.0211219	-47.3443	0.647394	1.16076	1.16076	0.0507298	2.05566	2.05566	0.750308	1.18572	1.16172	0.424412	0.75708	1.32132	0.0224212	0.466071	-1.6E-05	0.78409	0.74305	0.3676768	0.64734	1.54497	0.40468	0.09629	1
cg23428141	OTX2;OTX2	0.00153548	0.0155182	0.104868	-9.54208	0.0134966	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	0.0001	-1.84	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	0.0001	0.0001	-1.84	1
cg14469209	OTX2;OTX2	0.0050185	0.7200039	0.939689	-1.06418	0.120661	1.33767	1.33767	0.000268934	0.355885	-2.80989	0.138314	0.758963	-1.31759	0.251102	0.812807	1.2303	0.0087505	0.0762545	-13.1123	0.155683	0.769077	1.30026	7.33032	3.46839	0.420584	1
cg09254101	OTX2;OTX2	0.00574947	0.958641	0.987104	-1.01306	0.00259327	2.84256	2.84256	0.0233447	0.507494	-1.97047	0.020325	0.496528	-2.01998	0.0226041	0.727466	-1.37464	0.0294057	0.0435313	0.559364	-1.78774	1.07798	0.505958	0.984743	-1.01549	0.802975	0.607805	-1.03127	0.715358	1.83677	0.236283	1
cg26972272	OTX2;OTX2	0.0153287	0.3654207	0.7	0.7	0.0210627	0.165785	-6.0317	0.0203473	0.491139	-2.03803	0.0933	0.536684	-1.86328	0.0223746	1.22746	1.22746	0.0185172	0.173884	-5.75227	0.0156167	0.0876669	-11.4068	0.0819957	0.244147	0.244147	0.0136997	0.0784127	-12.7509	0.0387477	0.0191398	0.224272	0.412994	0.78183	1
cg16707954	OTX2;OTX2	0.01465222	0.0277578	0.544788	-1.83558	0.0822563	0.637966	-1.56748	0.0122853	0.48282	-2.07117	0.0579225	0.606219	-1.64957	0.0016334	0.348719	-2.86764	0.0696918	0.62273	-1.60583	0.00911885	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20846042	OXNAD1;DPH3;DPH3	0.00734406	0.0102009	4.59944	4.59944	0.0233527	0.279014	-3.58405	0.697809	1.20179	1.20179	0.110505	2.26887	2.26887	0.165638	0.498302	-2.00682
cg00641792	OXNAD1;DPH3;DPH3	0.0299568	0.423395	0.920237	-1.08668	0.0296717	1.29721	1.29721	0.0121428	1.3741	1.3741	0.566182	1.06073	1.06073	0.171039	1.15972	1.15972
cg13470477	OXNAD1;DPH3;DPH3	0.0404776	0.239673	0.527739	-1.89488	0.0121615	0.188448	-5.3065	0.136572	0.433305	-2.30785	0.0163734	0.209728	-4.76809	?	?	?
cg14319893	OXR1	0.00431844	0.887256	0.980175	-1.02023	0.104908	1.2842	1.2842	0.078582	1.31755	1.31755	0.00448476	1.70721	1.70721	0.892862	0.981158	-1.0192
cg07035454	OXR1	0.00543451	0.713278	0.937796	-1.06633	0.158555	0.769304	-1.29988	0.000891019	0.420625	-2.37741	0.0989601	0.729947	-1.36996	0.0882367	0.720839	-1.38727
cg00314750	OXR1	0.0158467	0.346489	1.1671	1.1671	0.00522149	1.79922	1.79922	0.318018	0.848314	-1.17881	0.0021195	1.9908	1.9908	0.11515	0.761072	-1.31394
cg10078688	OXR1	0.0272672	0.179615	0.712159	-1.40418	0.327062	0.785874	-1.27247	0.534164	0.860755	-1.16177	0.02155	0.518207	-1.92973	0.0350358	0.557141	-1.79488
cg01038720	OXR1	0.0434067	0.757697	0.953313	-1.04897	0.335681	1.16577	1.16577	0.075645	1.35734	1.35734	0.0399677	1.44313	1.44313	0.0511571	0.709545	-1.40935
cg20104640	OXR1;OXR1	9.73E-05	0.0164283	1.39136	1.39136	0.00326366	0.636522	-1.57104	0.212282	1.1595	1.1595	0.732552	0.962098	-1.03939	3.27E-06	0.289613	-3.45288
cg12114888	OXR1;OXR1	0.00106533	0.000379871	0.298391	-3.3513	0.631563	0.90219	-1.10841	0.0392664	0.601614	-1.66219	0.0579318	0.633382	-1.57882	0.000112741	0.235691	-4.24285
cg07554329	OXR1;OXR1	0.00641866	0.00136149	0.642714	-1.5559	0.0790419	0.830755	-1.20372	0.8317	1.02044	1.02044	0.0122518	0.743272	-1.3454	0.655748	0.958234	-1.04359
cg17176732	OXR1;OXR1	0.00999088	0.00163756	0.32024	-3.12266	0.503463	1.18699	1.18699	0.181629	0.699081	-1.43045	0.00520673	0.394216	-2.53668	0.911506	1.02847	1.02847
cg04640684	OXR1;OXR1	0.0135456	0.0144716	0.287147	-3.48253	0.205779	0.575382	-1.73797	0.0150156	0.28997	-3.44863	0.770997	1.12847	1.12847	0.00133242	0.144866	-6.90293
cg17136799	OXR1;OXR1	0.034485	0.0264818	0.636801	-1.57035	0.0104295	0.575114	-1.73879	0.317149	0.837451	-1.1941	0.417291	1.15281	1.15281	0.573356	0.907004	-1.10253
cg17212289	OXR1;OXR1	0.0379397	0.00807369	0.671653	-1.48886	0.20909	1.16804	1.16804	0.0490319	1.30164	1.30164	0.080299	0.796439	-1.25559	0.0689103	0.787568	-1.26973
cg16326979	OXR1;OXR1;OXR1	0.0175823	0.287272	0.818396	-1.2219	0.174431	0.76949	-1.29956	0.0129789	0.571659	-1.74929	0.133539	0.745631	-1.34115	0.160429	0.761871	-1.31256
cg20184106	OXSM;NGLY1;OXSM;OXSM;NGLY1	0.000563005	0.00206744	0.216642	-4.61591	0.0806516	0.505051	-1.98	0.236931	0.646043	-1.54788	0.979072	0.990794	-1.00929	6.54E-06	0.029066	-34.4044
cg01637244	OXSM;OXSM;OXSM	0.0227378	0.0213397	0.146777	-6.81304	0.0177868	0.135505	-7.3798	0.0385472	0.189693	-5.27167	0.0182763	0.137134	-7.29216	0.276314	0.455922	-2.19336
cg15789250	OXSR1	0.0009526	0.000248639	0.102304	-9.77475	0.217431	1.63102	1.63102	0.000696365	7.0308	7.0308	0.999353	1.00031	1.00031	0.00423925	0.23618	-4.23406
cg19599856	OXSR1	0.00334524	0.482954	0.795189	-1.25756	0.0541929	2.01842	2.01842	0.478539	1.26058	1.26058	0.556784	1.21049	1.21049	6.18E-05	0.0930924	-10.742
cg19832029	OXSR1	0.00919263	0.0385855	1.86444	1.86444	0.00315355	2.85477	2.85477	0.783603	1.0742	1.0742	0.0175615	2.1198	2.1198	0.0315692	1.926	1.926
cg08920773	OXSR1	0.019593	0.804224	1.05853	1.05853	0.0129624	2.02637	2.02637	0.0157157	1.96988	1.96988	0.789734	1.06312	1.06312	0.176574	0.719648	-1.38957
cg14989661	OXSR1	0.0259093	0.534831	0.724943	-1.37942	0.00143102	10.5897	10.5897	0.0519542	3.10069	3.10069	0.807613	0.88263	-1.13298	0.3607	1.61749	1.61749
cg12892799	OXSR1;OXSR1	0.0257993	0.0503279	1.29904	1.29904	0.0334101	0.746265	-1.34001	0.947774	0.992503	-1.00755	0.024191	0.727967	-1.37369	0.0675938	0.787059	-1.27055
cg04731988	OXT	9.07E-05	0.170543	1.20798	1.20798	0.811694	0.969572	-1.03138	0.000130183	0.423018	-2.36396	0.790459	1.03508	1.03508	1.40E-05	0.309266	-3.23346
cg13285174	OXT	0.000962067	0.186427	1.59117	1.59117	0.84674	1.06627	1.06627	0.173459	0.618619	-1.6165	0.21051	1.54889	1.54889	0.151351	1.66498	1.66498
cg13725599	OXT	0.00245246	0.667626	1.07939	1.07939	0.0784717	1.4129	1.4129	0.00240258	0.473386	-2.11244	0.000759248	0.405535	-2.46588	0.11767	1.35052	1.35052
cg26955850	OXT	0.0080772	0.0198334	4.1472	4.1472	0.0063328	6.03558	6.03558	0.203856	1.97034	1.97034	0.418709	1.51875	1.51875	0.0104139	5.11067	5.11067
cg26267561	OXT	0.0140531	0.878698	1.03414	1.03414	0.525291	0.868072	-1.15198	0.0117981	0.500979	-1.99609	0.755254	0.933579	-1.07115	0.0819914	1.52741	1.52741
cg09774842	OXT	0.0195223	0.0292097	13.1531	13.1531	0.0289383	13.2302	13.2302	0.239828	3.43573	3.43573	0.153372	4.63243	4.63243	0.0349148	11.7646	11.7646
cg15317815	OXTR	0.00352086	0.0124181	7.20241	7.20241	0.00648247	9.44609	9.44609	0.127497	2.84542	2.84542	0.0406084	4.48268	4.48268	0.0155659	6.56921	6.56921
cg02192228	OXTR	0.0133987	0.0443828	5.03776	5.03776	0.0243113	6.55225	6.55225	0.142279	3.01813	3.01813	0.13612	3.07902	3.07902	0.0225653	6.77075	6.77075
cg04523291	OXTR	0.0147237	0.0302706	6.16367	6.16367	0.104421	3.55141	3.55141	0.239441	2.40985	2.40985	0.130771	3.20607	3.20607	0.0190278	7.59081	7.59081
cg14483142	OXTR	0.028688	0.967287	1.0209	1.0209	0.00107555	0.0875163	-11.4264	0.0349149	0.289427	-3.45511	0.337858	1.64597	1.64597	0.202787	0.507547	-1.97026
cg27501759	OXTR	0.0385825	0.0512211	14.2592	14.2592	0.196138	5.13527	5.13527	0.327895	3.34958	3.34958	0.0783871	10.3852	10.3852	0.0369827	18.1666	18.1666
cg12695586	OXTR	0.0394406	0.0376363	12.7802	12.7802	0.0220426	18.198	18.198	0.0864563	7.39643	7.39643	0.149831	5.11047	5.11047	0.0321681	14.1706	14.1706
cg17036624	OXTR	0.0438758	0.259077	0.587775	-1.70133	0.00220754	0.144235	-6.93315	0.135585	0.483856	-2.06673	0.525806	1.33662	1.33662	0.465061	0.714937	-1.39873
cg23391006	OXTR;OXTR	0.00366092	0.0174805	0.769992	-1.29872	0.288667	0.905265	-1.10465	0.163052	0.874123	-1.144	0.0108548	1.33513	1.33513	0.00100977	1.55399	1.55399
cg08535600	OXTR;OXTR	0.00581794	0.960684	1.02204	1.02204	0.0175224	3.59126	3.59126	0.000150118	17.7928	17.7928	0.989687	0.994301	-1.00573	0.208303	0.556205	-1.7979
cg17285225	OXTR;OXTR	0.00644988	0.568503	1.21823	1.21823	0.131847	1.7455	1.7455	0.000105676	10.4325	10.4325	0.364071	1.37636	1.37636	0.839995	0.933108	-1.07169
cg09353063	OXTR;OXTR	0.0418539	0.854797	0.971974	-1.02883	0.10534	1.31598	1.31598	0.00137343	2.05523	2.05523	0.0727999	1.3642	1.3642	0.997575	1.00047	1.00047
cg14031033	P11	0.0150698	0.46086	0.931153	-1.07394	0.0755599	0.828655	-1.20677	0.0110897	0.738898	-1.35337	0.0746136	1.20768	1.20768	0.235264	1.12546	1.12546
cg24699493	P2RX1	7.62E-06	5.83E-05	0.16888	-5.92137	2.38E-05	0.133629	-7.48339	0.00433578	0.402363	-2.48532	0.458304	0.834985	-1.19763	1.51E-06	0.0545914	-18.3179
cg12709970	P2RX1	0.00916826	0.0297902	1.53741	1.53741	0.107023	1.34437	1.34437	0.362563	0.854365	-1.17046	0.254801	1.22138	1.22138	0.200468	0.796567	-1.25539
cg26697117	P2RX1	0.010471	0.757429	0.914308	-1.09372	0.262137	0.713111	-1.40231	0.080336	0.57066	-1.75236	0.0619838	0.54459	-1.83625	0.000833177	0.233527	-4.28217
cg22044342	P2RX1	0.0203743	0.260608	0.71951	-1.38983	0.0306127	0.490339	-2.0394	0.00293253	0.317785	-3.14679	0.793965	0.929201	-1.07619	0.00553597	0.359615	-2.78075
cg00161225	P2RX1	0.0244951	0.0131819	0.268743	-3.72103	0.103102	0.466546	-2.14341	0.147795	0.514805	-1.94248	0.00975422	0.24721	-4.04515	0.0308022	0.338077	-2.95791
cg25031824	P2RX1	0.0275855	0.267934	0.782107	-1.2786	0.0593307	1.5736	1.5736	0.38212	0.826219	-1.21033	0.147403	0.718151	-1.39246	0.0812733	0.662596	-1.50921
cg18394557	P2RX1	0.0325637	0.127052	0.497963	-2.00818	0.29311	0.630781	-1.58534	0.112087	0.481434	-2.07713	0.900999	0.948776	-1.05399	0.00243771	0.16825	-5.94355
cg06475633	P2RX1	0.0348391	0.534019	0.609089	-1.6418	0.64795	0.696359	-1.43604	0.737027	0.76698	-1.30381	0.936979	1.06423	1.06423	0.0112002	0.0819238	-12.2065
cg03368358	P2RX1	0.0353938	0.0672601	0.528948	-1.89054	0.931364	0.973603	-1.02711	0.0156123	0.398247	-2.511	0.0548357	0.508493	-1.96659	0.137254	0.608303	-1.64392
cg16611352	P2RX1	0.040685	0.230711	0.712738	-1.40304	0.270726	0.734288	-1.36186	0.00188182	0.305138	-3.27721	0.417081	0.799821	-1.25028	0.0266199	0.492782	-2.02929
cg00058329	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R 2	0.000123559	0.768764	1.09955	1.09955	0.182566	0.634223	-1.57673	0.770151	1.0989	1.0989	0.0948235	1.80575	1.80575	0.269752	0.690765	-1.44767
cg20717123	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R 2	0.000155013	0.385028	1.18555	1.18555	0.299345	1.22822	1.22822	0.0940853	1.42161	1.42161	0.825323	1.04315	1.04315	0.711915	0.931567	-1.07346
cg02315111	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R 2	0.000382148	0.000690676	0.184375	-5.42374	0.00545664	0.303274	-3.29735	0.0404035	0.46173	-2.16577	0.0410228	2.15909	2.15909	0.0104362	0.349069	-2.86477
cg22368664	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R 2	0.000628375	0.815773	1.06422	1.06422	0.686206	0.897334	-1.11441	0.305502	1.3271	1.3271	0.000750136	3.91102	3.91102	0.0124242	0.436132	-2.29289
cg04256238	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R 2	0.00959341	0.0192433	0.190299	-5.25487	0.00200769	0.077747	-12.8622	0.0172512	0.182726	-5.47267	0.100633	0.348651	-2.86819	0.0193382	0.190647	-5.24529
cg04737916	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R 2	0.0219603	0.725667	0.866356	-1.15426	0.573247	0.793128	-1.26083	0.0762415	2.23281	2.23281	0.0256032	2.94439	2.94439	0.128038	0.51172	-1.95419
cg20776947	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R 2	0.0366457	0.033549	0.216042	-4.62874	0.0115079	0.142201	-7.03229	0.0939673	0.320968	-3.11557	0.211362	0.443726	-2.25364	0.0135967	0.151966	-6.58043
cg24329717	P2RX3	0.00144766	0.605752	1.10647	1.10647	0.917798	1.02026	1.02026	0.116662	0.718025	-1.39271	7.73E-05	0.248834	-4.01874	0.642636	0.913198	-1.09505
cg26128441	P2RX3	0.00198102	0.43087	0.809571	-1.23522	0.0244712	0.494477	-2.02234	0.0139004	0.450002	-2.22221	0.0452833	0.54693	-1.82839	0.000164588	0.184916	-5.40785
cg18997075	P2RX3	0.00230544	0.00246198	0.232531	-4.3005	0.306608	0.693064	-1.44287	0.0292681	0.410821	-2.43415	0.0250939	0.397342	-2.51673	0.000255779	0.124195	-8.05186
cg09761846	P2RX3	0.00531037	0.0908518	1.8973	1.8973	0.0109092	3.00005	3.00005	0.288829	1.46018	1.46018	0.24173	1.52392	1.52392	0.00765288	0.307693	-3.24999
cg17560283	P2RX3	0.0227416	0.146977	0.691283	-1.44659	0.847633	1.04669	1.04669	0.0775034	0.627829	-1.59279	0.799346	0.941367	-1.06228	0.00355573	0.391785	-2.55242
cg15808924	P2RX3	0.0408626	0.0387845	3.21267	3.21267	0.172171	2.03156	2.03156	0.532693	1.361	1.361	0.119797	2.27782	2.27782	0.237074	0.546522	-1.82975
cg12968258	P2RX3	0.0443093	0.155017	1.35161	1.35161	0.612701	1.10635	1.10635	0.0518437	0.645298	-1.54967	0.0334239	1.63567	1.63567	0.0389616	0.623026	-1.60507
cg16599007	P2RX4	1.11E-05	0.357805	0.842734	-1.18661	0.186264	0.776049	-1.28858	0.159505	0.761856	-1.31258	0.227875	1.25737	1.25737	1.23E-07	0.0475592	-21.0264
cg08409335	P2RX4	5.65E-05	0.000738213	0.545977	-1.83158	0.422746	0.907856	-1.1015	3.21E-05	0.384664	-2.59967	0.0412807	0.757364	-1.32037	3.67E-06	0.278228	-3.59417
cg19410364	P2RX4	0.000493723	0.181211	1.39326	1.39326	0.00390641	2.47838	2.47838	0.00135337	2.96614	2.96614	0.161388	1.41826	1.41826	4.36E-05	0.163308	-6.12338
cg20966272	P2RX4	0.00566757	0.00102496	0.23078	-4.33313	0.00933147	0.370308	-2.70046	0.00666296	0.346236	-2.88821	0.00307103	0.294886	-3.39114	0.004028	0.312263	-3.20243
cg03768727	P2RX4	0.0105434	0.504357	1.15853	1.15853	0.788184	1.06023	1.06023	0.30643	0.794545	-1.25858	0.966629	0.990954	-1.00913	0.000366283	0.289461	-3.45469
cg02318988	P2RX4	0.0163807	0.583911	1.08718	1.08718	0.0177204	1.54631	1.54631	0.00220165	1.91304	1.91304	0.506684	1.10718	1.10718	0.396218	1.14032	1.14032
cg24632597	P2RX4	0.0206313	0.0994057	0.741945	-1.34781	0.0398443	1.48094	1.48094	0.726003	1.05987	1.05987	0.257139	1.21585	1.21585	0.109019	0.749138	-1.33487
cg11209001	P2RX4	0.0454739	0.0888914	0.618506	-1.6168	0.674962	1.11403	1.11403	0.0418583	1.82308	1.82308	0.841053	0.949887	-1.05276	0.023187	0.499107	-2.00358
cg17093615	P2RX5;P2RX5	3.27E-05	0.00300086	0.612438	-1.63282	0.111963	0.811784	-1.23186	0.0249571	1.37909	1.37909	0.000345292	2.00126	2.00126	0.000105089	0.438001	-2.2831
cg04221683	P2RX5;P2RX5	0.00018737	0.0360679	0.575245	-1.73839	0.00609609	0.443954	-2.25248	0.152749	0.70656	-1.41531	0.714457	0.920034	-1.08692	4.73E-05	0.175645	-5.69329
cg04856396	P2RX5;P2RX5	0.0205335	0.0091913	7.91998	7.91998	0.00416047	11.0589	11.0589	0.0559753	3.87519	3.87519	0.0265059	5.18465	5.18465	0.0472903	4.13755	4.13755
cg06651752	P2RX5;P2RX5	0.0315487	0.381444	0.781604	-1.27942	0.134902	0.642485	-1.55646	0.0687895	1.74904	1.74904	0.186392	0.680787	-1.46889	0.648354	0.881586	-1.13432
cg06331970	P2RX5;P2RX5	0.0411263	0.0516264	0.497452	-2.01025	0.70924	0.888637	-1.12532	0.390934	0.757988	-1.31928	0.273999	1.43162	1.43162	0.00640311	0.326892	-3.05912
cg15763823	P2RX5;P2RX5	0.044928	0.0823207	0.524965	-1.90489	0.129321	0.577669	-1.7311	0.237119	0.660526	-1.51394	0.169881	0.612913	-1.63155	0.0106559	0.341274	-2.9302
cg03828109	P2RX5;P2RX5;P2RX5	0.000931784	0.408215	0.824233	-1.21325	0.0995407	1.51061	1.51061	0.741893	0.927259	-1.07845	0.228364	0.749086	-1.33496	0.000552894	0.29373	-3.40448
cg10373741	P2RX5;P2RX5;P2RX5	0.00156619	0.000734832	0.391321	-2.55545	0.00484857	0.504985	-1.98026	0.00978021	0.550208	-1.81749	0.00275727	0.469843	-2.12837	0.0111827	0.559063	-1.78871
cg06151744	P2RX5;P2RX5;P2RX5	0.00744897	0.0127766	0.539244	-1.85445	0.000655849	2.83641	2.83641	0.702296	1.07969	1.07969	0.83487	1.04256	1.04256	0.0681067	0.66505	-1.50365
cg06066088	P2RX5;P2RX5;P2RX5	0.00805694	0.338562	0.689586	-1.45015	0.084525	2.0521	2.0521	0.317896	0.677765	-1.47544	0.500736	0.772989	-1.29368	0.0176811	0.337196	-2.96563
cg03317245	P2RX5;P2RX5;P2RX5	0.0123782	0.0647588	0.481752	-2.07575	0.0189626	2.71901	2.71901	0.521315	1.25717	1.25717	0.119585	0.551768	-1.81236	0.0124851	0.334777	-2.98706
cg03552992	P2RX5;P2RX5;P2RX5	0.0148937	0.341419	1.1084	1.1084	0.023946	1.32685	1.32685	0.273064	0.887141	-1.12722	0.593748	1.05815	1.05815	0.40638	1.09327	1.09327
cg13246592	P2RX5;P2RX5;P2RX5	0.0397031	0.924533	1.03126	1.03126	0.0127731	2.73224	2.73224	0.735719	1.11636	1.11636	0.306431	0.708893	-1.41065	0.305795	0.70855	-1.41133
cg24713878	P2RX5;P2RX5;P2RX5;P2RX5;P2RX5;P2R 5	0.000249559	4.22E-05	0.0671588	-14.8901	0.0495108	0.677524	-1.47596	?	?	?	0.00104662	0.30455	-3.28353	0.00498105	0.457035	-2.18802
cg07448795	P2RX6;P2RX6;MGC16703	0.000615429	0.0504916	0.749115	-1.33491	0.215958	1.18383	1.18383	0.73638	0.957157	-1.04476	0.618619	1.0672	1.0672	0.370189	0.887579	-1.12666
cg21014483	P2RX6;P2RX6;MGC16703	0.00500366	0.176581	0.702252	-1.42399	0.292038	1.30864	1.30864	8.65E-05	0.176689	-5.65966	0.693201	1.10248	1.10248	0.220162	0.728189	-1.37327
cg23000550	P2RX6;P2RX6;MGC16703	0.00772806	9.17E-05	0.0411764	-24.2857	0.699133	0.837509	-1.19402	0.853297	0.918955	-1.08819	0.357459	1.54049	1.54049	0.904741	0.946804	-1.05619
cg01763749	P2RX6;P2RX6;MGC16703	0.0168825	0.893682	0.977423	-1.0231	0.0649662	0.701932	-1.42464	0.0211757	1.60526	1.60526	0.0672855	1.41934	1.41934	0.0642869	0.701148	-1.42623
cg00004192	P2RX6P	0.0231404	0.0502154	0.601952	-1.66126	0.0562636	0.611697	-1.6348	0.470045	0.846115	-1.18187	0.0479027	1.67236	1.67236	0.00487683	0.428072	-2.33605
cg15169469	P2RX6P	0.0318269	0.691311	0.906705	-1.10289	0.709598	0.912294	-1.09614	0.0461277	0.570786	-1.75197	0.349592	1.26653	1.26653	0.00112849	0.308502	-3.24147
cg01695023	P2RX6P	0.0426915	0.552376	0.817839	-1.22274	0.227546	0.654586	-1.52768	0.879432	1.05209	1.05209	0.745114	0.896623	-1.1153	0.00380164	0.27095	-3.69072
cg05835635	P2RX7	0.0210005	0.776625	1.08813	1.08813	0.042751	1.99876	1.99876	0.0518531	1.92888	1.92888	0.113514	1.6675	1.6675	0.0980679	0.583439	-1.71398
cg07602200	P2RX7	0.0408437	0.0752476	1.24162	1.24162	0.262912	0.880268	-1.13602	0.0581304	0.791378	-1.26362	0.119852	1.20247	1.20247	0.0207693	0.737766	-1.35544
cg06933924	P2RX7	0.0482996	0.791622	0.974972	-1.02567	0.126778	0.853771	-1.17127	0.0143871	0.749177	-1.3348	0.291297	0.900489	-1.11051	0.652064	1.0444	1.0444
cg07203561	P2RX7;P2RX7	0.00312289	0.0732447	0.748371	-1.33624	0.039926	0.708513	-1.41141	0.0144911	0.645913	-1.5482	0.000298642	0.425744	-2.34883	0.213203	0.826784	-1.20951
cg14921522	P2RY1	0.0148118	0.0585425	0.396959	-2.51915	0.185962	1.83357	1.83357	0.107025	2.13965	2.13965	0.0474064	2.66599	2.66599	0.196275	0.55392	-1.80531
cg21143560	P2RY1	0.0224557	0.669636	1.06245	1.06245	0.00190134	1.86068	1.86068	0.103985	1.28518	1.28518	0.982102	1.00317	1.00317	0.0962802	0.772785	-1.29402
cg11161961	P2RY1	0.0349086	0.0166908	0.173736	-5.75588	0.0540658	3.70488	3.70488	0.146226	2.54528	2.54528	0.201913	2.24137	2.24137	0.470548	0.644242	-1.55221
cg03293976	P2RY1	0.0381078	0.033524	0.247662	-4.03776	0.0270749	4.35209	4.35209	0.045291	3.63487	3.63487	0.338371	1.74128	1.74128	0.764956	1.18353	1.18353
cg20944305	P2RY1	0.0402429	0.602186	0.856459	-1.1676	0.0715119	0.552694	-1.80932	0.224797	0.68684	-1.45594	0.985348	0.994604	-1.00542	0.0913715	0.578242	-1.72938
cg06903384	P2RY1	0.042089	0.212347	0.638576	-1.56598	0.0183046	0.376179	-2.65831	0.780875	0.909176	-1.0999	0.54442	0.811013	-1.23303	0.0773624	0.511503	-1.95502
cg01321220	P2RY10;P2RY10	0.0283678	0.00471245	0.216808	-4.61238	0.243277	0.608314	-1.64389	0.352534	0.677418	-1.47619	0.867566	0.934314	-1.0703	0.0385932	0.377046	-2.6522
cg25420238	P2RY10;P2RY10	0.0473016	0.0077152	0.0770116	-12.9851	0.0367825	0.162517	-6.15321	0.367244	0.499691	-2.00124	0.258293	0.413332	-2.41936	0.0136735	0.101856	-9.8178
cg23079782	P2RY10;P2RY10;P2RY10;P2RY10	9.65E-05	1.26E-05	0.0746162	-13.4019	0.0567685	0.543969	-1.83834	0.00317001	0.320381	-3.12129	0.0372952	0.505326	-1.97892	0.0182083	0.445077	-2.2468
cg03379681	P2RY12;P2RY12;MED12L;P2RY12	0.0334425	0.300672	0.752467	-1.32896	0.56188	1.16827	1.16827	0.228197	0.715051	-1.3985	0.116907	0.636546	-1.57098	0.00113534	0.280928	-3.55963
cg07375150	P2RY13;MED12L	0.0263743	0.0132196	0.0903496	-11.0681	0.0156915	0.098462	-10.1562	0.0143353	0.0941054	-10.6264	0.119308	0.266288	-3.75533	0.0100097	0.0784593	-12.7455
cg12849787	P2RY14;MED12L;P2RY14	0.00497692	0.0399293	0.464082	-2.15479	0.9517	0.980608	-1.01978	0.821481	0.929545	-1.0758	0.00772151	0.330766	-3.02328	0.0048544	0.298983	-3.34467
cg06809364	P2RY1;P2RY1	0.00131912	0.000180328	0.144228	-6.93348	0.798324	0.924766	-1.08135	0.0996661	0.576254	-1.73535	0.128099	1.65283	1.65283	0.000207927	0.150097	-6.66237
cg24469013	P2RY2;P2RY2;P2RY2	4.85E-05	3.48E-06	0.0767884	-13.0228	0.0209475	1.92234	1.92234	0.00343729	0.392641	-2.54685	0.485404	0.846398	-1.18148	3.29E-05	0.150041	-6.66484
cg01740282	P2RY2;P2RY2;P2RY2	0.000937604	0.224719	0.799765	-1.25037	2.08E-05	0.222078	-4.50292	0.194883	0.786437	-1.27156	0.594707	0.910206	-1.09865	0.772902	0.950566	-1.052
cg10287137	P2RY2;P2RY2;P2RY2	0.00232393	0.0139106	2.86798	2.86798	0.000204082	8.65947	8.65947	0.318831	1.42938	1.42938	0.715469	1.13535	1.13535	0.209795	1.58141	1.58141
cg24711094	P2RY2;P2RY2;P2RY2	0.0183302	0.134732	1.2596	1.2596	0.0130502	1.55387	1.55387	0.747864	1.04724	1.04724	0.897036	0.981641	-1.0187	0.325968	0.864891	-1.15622
cg12419482	P2RY2;P2RY2;P2RY2	0.0323152	0.124667	0.563773	-1.77376	0.636064	0.848455	-1.17861	0.00327788	0.251186	-3.98111	0.730112	1.12681	1.12681	0.00778944	0.307937	-3.24741
cg04388983	P2RY2;P2RY2;P2RY2	0.0396648	0.0708006	0.401452	-2.49096	0.648143	0.81244	-1.23086	0.137662	2.06012	2.06012	0.212298	0.552151	-1.8111	0.005828	0.195479	-5.11564
cg00334798	P2RY2;P2RY2;P2RY2;P2RY2	0.0259698	0.941832	0.979903	-1.02051	0.0657596	1.77613	1.77613	0.214927	1.4379	1.4379	0.291406	0.737438	-1.35605	0.0350891	0.505084	-1.97987
cg11085564	P2RY4	0.033268	0.264553	1.67667	1.67667	0.0721101	0.409782	-2.44032	0.040875	0.350306	-2.85465	0.00728425	0.214768	-4.65618	0.012744	0.252724	-3.95688
cg03790146	P2RY4	0.0366488	0.432786	1.4261	1.4261	0.371321	0.665634	-1.50233	0.472329	0.723154	-1.38283	0.0179669	0.279467	-3.57825	0.00502059	0.192857	-5.18518
cg19545998	P2RY4;P2RY4	0.000912141	0.00470027	0.503019	-1.988	0.281485	1.22718	1.22718	0.000279273	0.337183	-2.96575	0.308053	1.21284	1.21284	0.000145092	0.302241	-3.30862
cg25137204	P2RY6;P2RY6	0.00286398	0.289686	1.6412	1.6412	0.00150736	7.85521	7.85521	0.0448959	2.82277	2.82277	0.967433	1.01858	1.01858	0.00667412	4.88699	4.88699
cg22881680	P2RY6;P2RY6	0.0101824	0.0243971	4.74792	4.74792	0.00715899	7.51373	7.51373	0.0339371	4.21183	4.21183	0.0901955	2.95783	2.95783	0.0132015	5.95465	5.95465
cg06637774	P2RY6;P2RY6	0.0149753	0.0227925	18.9414	18.9414	0.00972377	34.1306	34.1306	0.0901074	7.51023	7.51023	0.140008	5.5507	5.5507	0.0257875	17.421	17.421
cg03622371	P2RY6;P2RY6;P2RY6;P2RY6	0.000819829	0.00151082	0.422825	-2.36505	0.00556447	1.98557	1.98557	0.00881841	0.533642	-1.87391	0.0417719	0.642765	-1.55578	0.00310074	0.466673	-2.14283
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Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20846042	0.00159879	0.118468	-8.44113	?	?	?	0.121553	0.453518	-2.20499	0.933786	0.961611	-1.03992	6.65154	20.7809	3.12423	1
cg00641792	0.538391	1.06538	1.06538	0.0176688	0.745738	-1.34095	0.204349	0.872696	-1.14587	0.143535	1.17326	1.17326	4.08892	0.669293	0.145497	1
cg13470477	?	?	?	?	?	?	0.737743	0.840868	-1.18925	0.211913	1.98034	1.98034	4.22289	11.5974	3.20404	1
cg14319893	0.76633	0.958805	-1.04296	0.0832849	1.3108	1.3108	0.0246184	1.45908	1.45908	0.0005847	0.472234	-2.1176	7.67289	2.42131	0.280504	1
cg07035454	0.477656	0.881939	-1.13386	0.036163	1.528	1.528	0.0254316	1.58758	1.58758	0.00707374	0.545707	-1.83248	7.15381	3.43088	0.426301	1
cg00314750	0.869779	1.0265	1.0265	0.181553	0.797681	-1.25363	0.786265	1.04427	1.04427	0.199191	1.24137	1.24137	5.08725	2.04684	0.357643	1
cg10078688	0.513726	0.854084	-1.17084	0.00704465	2.29238	2.29238	0.132303	0.679204	-1.47231	0.058239	0.600651	-1.66486	4.22703	3.79724	0.79851	1
cg01038720	0.81129	0.963718	-1.03765	0.00799756	0.591457	-1.69074	0.833605	0.96802	-1.03304	0.889223	1.02177	1.02177	3.57331	1.35097	0.336064	1
cg20104640	0.0217931	1.36359	1.36359	0.756649	0.965592	-1.03563	0.00363055	1.55786	1.55786	0.77756	1.03242	1.03242	22.3021	4.48157	0.178621	1
cg12114888	0.0502754	0.621613	-1.60872	0.000322825	0.289599	-3.45305	0.276853	0.785879	-1.27246	0.547213	0.878295	-1.13857	11.557	8.30757	0.638962	1
cg07554329	0.0174778	0.759526	-1.31661	0.486231	0.934939	-1.06959	0.000573272	0.602331	-1.66022	0.262603	0.894883	-1.11746	6.79586	0.973126	0.127283	1
cg17176732	0.605937	1.1404	1.1404	0.00330424	0.364106	-2.74646	0.121266	0.654324	-1.52829	0.0948494	0.629108	-1.58955	5.91234	5.9686	0.897346	1
cg04640684	0.0264487	0.336305	-2.97349	0.0151591	0.290701	-3.43996	0.367887	0.681807	-1.46669	0.0306269	0.349319	-2.86271	5.35759	14.5505	2.4141	1
cg17136799	0.921962	0.983331	-1.01695	0.00263223	0.489594	-2.04251	0.423796	0.869238	-1.15043	0.254227	0.815272	-1.22658	3.88791	1.81203	0.414283	1
cg17212289	0.504288	1.08274	1.08274	0.206587	0.855326	-1.16915	0.181177	0.846593	-1.18121	0.976862	1.00341	1.00341	3.75532	0.818514	0.193743	1
cg16326979	0.0223943	0.608801	-1.64257	0.000656833	0.387951	-2.57765	0.977261	0.994844	-1.00518	0.801066	1.04686	1.04686	4.91373	2.56026	0.463149	1
cg20184106	0.476437	0.774701	-1.29082	0.133911	0.565557	-1.76817	0.461123	0.767557	-1.30283	0.861699	1.06341	1.06341	13.8269	27.2228	1.75007	1
cg01637244	0.0386978	0.190012	-5.26282	0.00331873	0.0624422	-16.0148	0.20595	0.396367	-2.52291	0.0199382	0.142476	-7.01872	4.5026	34.308	6.77296	1
cg15789250	?	?	?	0.072172	0.469269	-2.13097	0.380177	0.712212	-1.40408	0.255395	0.63913	-1.56463	12.213	24.4377	2.00095	1
cg19599856	0.192147	1.55853	1.55853	0.800596	0.921874	-1.08475	0.799599	0.921489	-1.0852	0.215719	0.657841	-1.52012	8.28505	13.5558	1.45438	1
cg19832029	0.663413	1.12059	1.12059	0.181951	1.44536	1.44536	0.000833382	3.69749	3.69749	0.0161965	2.14836	2.14836	6.0714	6.50007	0.951649	1
cg08920773	0.241608	0.755256	-1.32405	0.488572	1.17484	1.17484	0.0116963	2.05741	2.05741	0.0105832	2.08823	2.08823	4.73751	3.93509	0.738333	1
cg14989661	0.35744	1.62309	1.62309	0.429433	1.51102	1.51102	0.0510878	3.1173	3.1173	0.0971228	0.393852	-2.53903	4.30332	17.8493	3.68694	1
cg12892799	0.0160575	0.704939	-1.41856	0.154547	0.837861	-1.19352	0.141907	0.832392	-1.20136	0.0132646	0.694247	-1.44041	4.7663	0.975199	0.159135	1
cg04731988	0.0136651	1.48419	1.48419	0.853017	1.0243	1.0243	0.00068109	1.9583	1.9583	0.00588599	0.627138	-1.59455	22.7278	6.03362	0.235976	1
cg13285174	0.623326	1.17839	1.17839	2.10E-05	17.1917	17.1917	0.000867811	5.2445	5.2445	0.870531	1.05558	1.05558	11.8962	20.7176	1.54803	1
cg13725599	0.0665882	0.695056	-1.43873	0.0261554	1.59457	1.59457	0.226218	0.798742	-1.25197	0.0112119	0.570096	-1.75409	9.0832	4.49886	0.440262	1
cg26955850	0.0270997	3.75527	3.75527	0.000713146	13.5515	13.5515	0.0127918	4.7776	4.7776	0.0228652	3.96328	3.96328	6.325	25.6206	3.60061	1
cg26267561	0.0323306	1.73471	1.73471	0.00167421	2.68506	2.68506	0.17491	1.37318	1.37318	0.783923	1.06228	1.06228	5.29329	4.05009	0.680122	1
cg09774842	0.0867558	6.66597	6.66597	0.00176736	87.0033	87.0033	0.00895462	28.0449	28.0449	0.0248217	14.5683	14.5683	4.74332	75.5448	14.1569	1
cg15317815	0.0222993	5.68497	5.68497	0.000346582	38.5529	38.5529	0.00183899	16.5645	16.5645	0.00567745	9.99693	9.99693	8.15928	52.0312	5.66838	1
cg02192228	0.0292534	6.04156	6.04156	0.00149681	24.6671	24.6671	0.00646189	11.9378	11.9378	0.0124783	8.81762	8.81762	5.37676	41.7585	6.90354	1
cg04523291	0.0351879	5.76431	5.76431	0.00110526	30.978	30.978	0.00716497	11.9294	11.9294	0.0255304	6.65077	6.65077	5.21262	42.086	7.17678	1
cg14483142	0.103124	0.406874	-2.45777	0.275687	0.564426	-1.77171	0.129886	0.438149	-2.28233	0.75751	1.16906	1.16906	4.15207	16.7287	3.58132	1
cg27501759	0.043798	16.0189	16.0189	0.00416121	99.2243	99.2243	0.0181949	30.9398	30.9398	0.0406518	16.9319	16.9319	3.73229	84.6928	20.1706	1
cg12695586	0.197317	4.2205	4.2205	0.0057286	45.927	45.927	0.0264953	16.1067	16.1067	0.048109	10.8782	10.8782	3.70227	65.4557	15.7154	1
cg17036624	0.661522	0.819685	-1.21998	0.271582	0.596574	-1.67624	0.938173	0.965593	-1.03563	0.0557329	2.66	2.66	3.55902	11.4819	2.86768	1
cg23391006	0.161459	0.873617	-1.14467	0.0143255	0.761206	-1.3137	0.393905	1.0821	1.0821	0.0914761	1.18285	1.18285	8.06445	1.0428	0.114941	1
cg08535600	0.243585	0.583015	-1.71522	0.31771	0.633356	-1.57889	0.789704	0.888515	-1.12547	0.846899	1.08924	1.08924	7.00542	21.6966	2.75299	1
cg17285225	0.724693	1.12874	1.12874	0.0581165	0.480238	-2.0823	0.821056	1.08068	1.08068	0.843268	1.07015	1.07015	6.78565	12.6056	1.65128	1
cg09353063	0.451409	0.887752	-1.12644	0.974221	1.00503	1.00503	0.413195	0.878257	-1.13862	0.431455	1.13269	1.13269	3.622	1.38131	0.338991	1
cg14031033	0.778392	0.97355	-1.02717	0.00858496	1.37507	1.37507	0.29078	0.901079	-1.10978	0.0230778	0.772472	-1.29455	5.17275	0.739559	0.127086	1
cg24699493	0.00029006	0.243794	-4.10183	1.95E-06	0.0601223	-16.6328	8.15E-05	0.18334	-5.45435	0.000108291	0.196064	-5.10037	43.5321	39.3158	0.802795	1
cg12709970	0.245004	1.22696	1.22696	0.000338218	2.64209	2.64209	0.953544	0.990249	-1.00985	0.028919	1.54221	1.54221	6.07653	2.72247	0.39825	1
cg26697117	0.482544	0.81352	-1.22923	0.0224852	2.2044	2.2044	0.0916247	1.71107	1.71107	0.263497	0.713856	-1.40084	5.82411	7.71332	1.17722	1
cg22044342	0.223945	1.43109	1.43109	0.925257	0.974018	-1.02668	0.453716	0.807247	-1.23878	0.0362861	0.505131	-1.97968	4.67499	5.82788	1.1081	1
cg00161225	0.102797	0.466173	-2.14513	0.0157447	0.282148	-3.54424	0.00755301	0.230023	-4.34739	0.0261876	0.323723	-3.08906	4.38823	12.7063	2.57382	1
cg25031824	0.0874068	1.49463	1.49463	0.0179562	1.84489	1.84489	0.173451	0.734582	-1.36132	0.0401188	0.603431	-1.65719	4.20982	3.02409	0.638525	1
cg18394557	0.0188246	0.300498	-3.32781	0.0230636	0.317218	-3.1524	0.0629737	0.413223	-2.42	0.0478445	0.38447	-2.60098	3.96897	11.2212	2.51309	1
cg06475633	0.048697	0.16994	-5.88444	0.00321039	0.042169	-23.7141	0.068061	0.200186	-4.99535	0.0318371	0.138025	-7.24508	3.87359	38.0154	8.72355	1
cg03368358	0.997793	0.999142	-1.00086	0.0195999	2.4008	2.4008	0.871212	0.950862	-1.05168	0.0499638	0.499451	-2.0022	3.85149	5.88296	1.35773	1
cg16611352	0.54328	1.18024	1.18024	0.76715	1.08326	1.08326	0.996066	0.998673	-1.00133	0.0513158	0.550109	-1.81782	3.66015	4.20514	1.02124	1
cg00058329	0.350314	0.733838	-1.3627	0.0159691	0.386854	-2.58496	1.60E-06	49.0053	49.0053	0.908652	0.963725	-1.03764	20.9203	34.3345	1.45885	1
cg20717123	0.300371	0.81457	-1.22764	4.62E-06	7.4549	7.4549	5.69E-05	4.17085	4.17085	0.0312569	1.62088	1.62088	19.6817	11.3849	0.514179	1
cg02315111	0.352408	0.731715	-1.36665	2.74E-05	0.0672479	-14.8703	0.00531174	0.30147	-3.31708	0.00145491	0.22287	-4.48692	15.3926	25.9756	1.50003	1
cg22368664	0.371858	0.783065	-1.27703	0.000258393	0.201151	-4.97138	0.000606548	4.09449	4.09449	0.800369	1.06992	1.06992	13.4098	15.1079	1.00145	1
cg04256238	0.0379762	0.244227	-4.09456	0.00441177	0.107881	-9.26947	0.00472252	0.110878	-9.01891	0.0614089	0.290911	-3.43748	5.98948	32.5648	4.83289	1
cg04737916	0.690242	0.849485	-1.17718	0.743625	0.874903	-1.14298	0.00122104	6.86829	6.86829	0.970405	1.01522	1.01522	4.55676	11.9673	2.33446	1
cg20776947	0.0914946	0.317664	-3.14798	0.0175046	0.167879	-5.95666	0.0157615	0.161102	-6.20727	0.118041	0.350873	-2.85003	3.80317	22.9373	5.36098	1
cg24329717	0.00454704	0.479766	-2.08435	0.0159376	1.77452	1.77452	0.763915	0.943149	-1.06028	0.00608244	0.498576	-2.00571	10.5872	6.33143	0.531579	1
cg26128441	0.0542584	0.563305	-1.77524	0.000324707	0.217166	-4.60477	0.391994	1.25914	1.25914	0.310421	0.758984	-1.31755	9.66872	10.572	0.971932	1
cg18997075	0.0200674	0.37844	-2.64242	0.000673516	0.165093	-6.05718	0.580371	1.2134	1.2134	0.0993252	0.534839	-1.86972	9.24958	17.5768	1.68914	1
cg09761846	0.896608	1.04571	1.04571	0.000456073	6.67483	6.67483	0.218021	1.56127	1.56127	0.0862323	1.91879	1.91879	7.20467	13.4878	1.66408	1
cg17560283	0.186872	0.717572	-1.39359	0.900819	0.970857	-1.03002	0.0101869	2.15672	2.15672	0.315499	1.27915	1.27915	4.50235	4.01244	0.792167	1
cg15808924	0.845799	1.09962	1.09962	0.00212336	8.21843	8.21843	0.290559	1.70742	1.70742	0.0717272	2.66634	2.66634	3.65426	13.7686	3.34917	1
cg12968258	0.0526525	1.54673	1.54673	0.139579	1.36991	1.36991	0.766666	1.06068	1.06068	0.410581	0.846543	-1.18127	3.54598	2.20123	0.551794	1
cg16599007	0.455205	1.14754	1.14754	0.00261672	2.12559	2.12559	0.0482161	0.664654	-1.50454	0.283001	1.22365	1.22365	39.5296	20.4962	0.460892	1
cg08409335	0.32458	1.12761	1.12761	0.00734926	1.50365	1.50365	0.247751	0.86705	-1.15334	0.113986	0.816286	-1.22506	25.7781	5.69009	0.196208	1
cg19410364	0.697789	1.09545	1.09545	0.0231005	1.88643	1.88643	0.0515984	1.67806	1.67806	0.285967	1.29551	1.29551	14.3407	12.3983	0.768493	1
cg20966272	0.390422	0.767105	-1.3036	0.0219247	0.436787	-2.28944	0.360108	0.753174	-1.32771	0.0525355	0.514734	-1.94275	7.06212	10.1518	1.27778	1
cg03768727	0.561627	1.13595	1.13595	0.00429802	0.436324	-2.29187	0.938314	0.98333	-1.01695	0.62684	0.89905	-1.11229	5.81123	4.34194	0.664145	1
cg02318988	0.646368	1.07231	1.07231	0.00150392	1.99625	1.99625	0.344858	1.1584	1.1584	0.664125	0.936103	-1.06826	5.03144	1.82015	0.32156	1
cg24632597	0.267815	0.82633	-1.21017	0.00172807	0.477713	-2.09331	0.322251	0.844522	-1.1841	0.101969	0.743918	-1.34423	4.65508	2.01357	0.384492	1
cg11209001	0.1064	1.57056	1.57056	0.0650628	0.588389	-1.69956	0.131996	1.51628	1.51628	0.712868	0.909701	-1.09926	3.51172	3.64612	0.922908	1
cg17093615	5.08E-05	0.400592	-2.49631	4.63E-05	0.395869	-2.52609	0.00388838	1.59742	1.59742	0.0365238	0.746188	-1.34014	29.7698	6.84336	0.204334	1
cg04221683	0.00048841	0.28958	-3.45328	4.07E-05	0.169311	-5.9063	0.374197	0.813113	-1.22984	0.000132654	0.222436	-4.49568	18.6988	15.2346	0.724211	1
cg04856396	0.595605	1.39815	1.39815	0.0123657	7.01879	7.01879	0.0649308	3.65779	3.65779	0.0247262	5.32794	5.32794	4.66262	28.9097	5.51139	1
cg06651752	0.00321194	0.331571	-3.01594	0.0125	0.426164	-2.34652	0.863546	1.04835	1.04835	0.729941	0.909263	-1.09979	4.01421	4.79015	1.06071	1
cg06331970	0.0297759	0.446575	-2.23927	0.254966	1.45447	1.45447	0.0910091	0.556091	-1.79827	0.10081	0.567498	-1.76212	3.64559	5.73681	1.39878	1
cg15763823	0.0266421	0.414944	-2.40997	0.007708	0.317812	-3.14651	0.861654	1.06014	1.06014	0.0497915	0.472723	-2.1154	3.52764	6.2638	1.57834	1
cg03828109	0.727298	0.923117	-1.08329	0.000152053	0.226542	-4.4142	0.0020826	2.69139	2.69139	0.455535	0.84057	-1.18967	12.0044	9.9274	0.735096	1
cg10373741	0.00881899	0.543423	-1.84019	0.000378628	0.353906	-2.82561	0.330265	1.20171	1.20171	0.0379513	0.643969	-1.55287	10.35	5.48322	0.470914	1
cg06151744	0.444382	0.855838	-1.16845	0.0672053	0.66395	-1.50614	0.102305	1.42901	1.42901	0.692609	1.08256	1.08256	6.48787	4.0961	0.561198	1
cg06066088	0.452625	0.749561	-1.33411	0.00180028	0.187737	-5.32661	0.00415891	4.25111	4.25111	0.931067	1.03313	1.03313	6.33	14.2302	1.99828	1
cg03317245	0.9408	1.02649	1.02649	0.0027816	0.234131	-4.27111	0.295236	1.46546	1.46546	0.209077	0.627401	-1.59388	5.5176	10.8322	1.74508	1
cg03552992	0.006465	0.689553	-1.45021	0.0027525	0.648105	-1.54296	0.989717	0.998648	-1.00135	0.493369	0.929577	-1.07576	5.19289	0.906408	0.155154	1
cg13246592	0.588663	1.19411	1.19411	0.449159	0.778337	-1.28479	0.00346534	3.63057	3.63057	0.193779	1.56323	1.56323	3.69325	6.17547	1.48631	1
cg24713878	0.00018261	0.155057	-6.44923	0.00255203	2.55784	2.55784	0.00187878	2.77081	2.77081	0.491791	0.899763	-1.1114	99.0864	26.8461	0.135468	1
cg07448795	0.746858	0.958897	-1.04286	6.77E-06	0.274008	-3.64953	0.228688	1.17788	1.17788	0.413416	0.897304	-1.11445	13.488	3.58766	0.236434	1
cg21014483	0.933782	1.02066	1.02066	0.129589	0.668367	-1.49618	0.654228	1.11731	1.11731	0.201677	1.39338	1.39338	7.33696	7.03479	0.852281	1
cg23000550	0.45437	0.706131	-1.41617	0.953809	0.973899	-1.0268	0.855085	1.08706	1.08706	0.424109	1.45169	1.45169	6.41348	21.1755	2.93487	1
cg01763749	0.0184666	1.62916	1.62916	0.664303	0.928141	-1.07742	0.741752	1.0581	1.0581	0.00831	1.77921	1.77921	4.98102	2.30089	0.410605	1
cg00004192	0.949927	1.01438	1.01438	0.861003	1.04065	1.04065	0.0110969	0.484794	-2.06273	0.545262	0.870062	-1.14934	4.47546	3.66432	0.727786	1
cg15169469	0.466926	0.833888	-1.1992	0.18193	0.706325	-1.41578	0.0335427	0.543707	-1.83923	0.758875	0.927231	-1.07848	4.00164	3.81629	0.847717	1
cg01695023	0.947328	1.02235	1.02235	0.0232128	0.403445	-2.47865	0.0888027	0.533696	-1.87372	0.0979124	1.83561	1.83561	3.59546	6.37237	1.57541	1
cg05835635	0.970992	1.01086	1.01086	0.0201169	2.29902	2.29902	0.00486254	3.03017	3.03017	0.0206114	2.28857	2.28857	4.62699	6.46081	1.24118	1
cg07602200	0.28185	1.12998	1.12998	0.660201	1.04953	1.04953	0.264844	0.88076	-1.13538	0.05898	1.26237	1.26237	3.65489	0.691023	0.168061	1
cg06933924	0.202114	0.879048	-1.13759	0.0600446	1.22514	1.22514	0.120887	1.17469	1.17469	0.0807279	1.20369	1.20369	3.43288	0.498148	0.128987	1
cg07203561	0.000334337	0.431869	-2.31552	0.140973	0.794729	-1.25829	0.626346	1.07379	1.07379	0.124492	0.785575	-1.27295	8.45664	2.81992	0.296405	1
cg14921522	0.0308169	2.99333	2.99333	0.0151897	3.63015	3.63015	0.00482436	5.0354	5.0354	0.120215	2.07241	2.07241	5.20236	15.3999	2.63126	1
cg21143560	0.483403	1.10575	1.10575	0.273395	0.851398	-1.17454	0.165585	1.2321	1.2321	0.0160588	1.51572	1.51572	4.52198	1.42665	0.280438	1
cg11161961	0.383677	1.70752	1.70752	0.0145533	6.06557	6.06557	0.0869567	3.1025	3.1025	0.172646	2.38534	2.38534	3.87079	21.9938	5.05065	1
cg03293976	0.134632	2.47564	2.47564	0.0416378	3.74315	3.74315	0.0262701	4.39854	4.39854	0.240011	1.99647	1.99647	3.74925	18.7534	4.44613	1
cg20944305	0.0513694	0.520187	-1.92239	0.276279	0.716301	-1.39606	0.00486324	3.0042	3.0042	0.564612	0.842348	-1.18716	3.67493	5.05229	1.22204	1
cg06903384	0.746501	0.895167	-1.11711	0.0796607	0.514709	-1.94285	0.00829002	3.16598	3.16598	0.560116	0.81777	-1.22284	3.61449	6.67374	1.64123	1
cg01321220	0.563811	1.26815	1.26815	0.435794	1.38221	1.38221	0.616815	0.81434	-1.22799	0.00351588	0.199612	-5.00971	4.16856	10.942	2.33324	1
cg25420238	0.26059	0.415244	-2.40823	0.0213693	0.126001	-7.93647	0.292657	0.441432	-2.26535	0.0365622	0.162063	-6.17045	3.46006	30.7447	7.89831	1
cg23079782	0.5636	1.17923	1.17923	0.00121082	3.81144	3.81144	0.388029	1.2838	1.2838	6.68E-05	0.127048	-7.87105	22.3529	28.2282	1.12253	1
cg03379681	0.264952	0.734848	-1.36083	0.160021	0.671607	-1.48897	0.15608	1.4954	1.4954	0.29346	0.749019	-1.33508	3.93118	4.37834	0.989998	1
cg07375150	0.104284	0.24906	-4.01509	0.0253886	0.124936	-8.00413	0.125956	0.273605	-3.6549	0.0193432	0.109261	-9.15241	4.27665	41.5008	8.62581	1
cg12849787	0.506473	0.804204	-1.24347	0.00326631	0.273548	-3.65567	0.0440829	0.473397	-2.11239	0.000461634	0.168356	-5.9398	7.34897	12.1636	1.47124	1
cg06809364	0.109027	0.586335	-1.70551	0.0523116	0.509578	-1.96241	0.197609	1.51591	1.51591	0.0314966	0.462772	-2.16089	10.8735	16.0695	1.31365	1
cg24469013	0.0145844	0.492794	-2.02925	0.954868	1.0134	1.0134	0.000513768	0.27929	-3.58051	0.00137403	0.335536	-2.98031	26.842	23.5262	0.779085	1
cg01740282	0.491107	1.13036	1.13036	0.421285	1.15482	1.15482	0.000689353	0.403402	-2.47892	0.245492	0.808291	-1.23718	11.9832	5.82629	0.432181	1
cg10287137	0.0278547	2.4627	2.4627	0.000748613	5.89218	5.89218	0.00156788	4.8316	4.8316	0.396242	1.35154	1.35154	9.22794	17.5725	1.69268	1
cg24711094	0.405939	1.1294	1.1294	0.00556541	1.68407	1.68407	0.282708	0.85235	-1.17323	0.0134041	0.645141	-1.55005	4.84539	1.57192	0.288369	1
cg12419482	0.287489	1.46337	1.46337	0.836653	0.931299	-1.07377	0.159736	0.59575	-1.67856	0.0886872	0.523395	-1.9106	3.97988	7.49184	1.67327	1
cg04388983	0.174545	1.92112	1.92112	0.0387951	0.33902	-2.94968	0.858488	0.922484	-1.08403	0.406563	1.46792	1.46792	3.69456	11.9593	2.87734	1
cg00334798	0.00848066	2.54685	2.54685	0.0137872	2.33248	2.33248	0.923306	1.02715	1.02715	0.156184	1.52506	1.52506	4.29982	5.27085	1.08963	1
cg11085564	0.283973	1.63999	1.63999	0.629537	1.24113	1.24113	0.392231	0.677358	-1.47633	0.499791	0.737539	-1.35586	3.93859	12.321	2.78069	1
cg03790146	0.134661	2.04451	2.04451	0.0319165	0.327992	-3.04886	0.666768	0.825244	-1.21176	0.969246	1.01724	1.01724	3.80305	11.8416	2.76774	1
cg19545998	0.0432487	1.52999	1.52999	0.720812	0.936474	-1.06783	0.755591	0.944491	-1.05877	0.136645	0.745818	-1.34081	12.0769	6.39826	0.470928	1
cg25137204	0.0468829	2.78876	2.78876	0.000237402	15.5608	15.5608	0.00429427	5.59377	5.59377	0.0144329	3.8928	3.8928	8.67674	27.9274	2.86102	1
cg22881680	0.0196657	5.13758	5.13758	0.00154396	14.0818	14.0818	0.00797902	7.20597	7.20597	0.0342	4.20009	4.20009	5.87651	31.3909	4.74823	1
cg06637774	0.0517238	10.9118	10.9118	0.00188785	116.111	116.111	0.00708637	42.764	42.764	0.0474092	11.5677	11.5677	5.18353	95.6523	16.4028	1
cg03622371	0.599696	1.10489	1.10489	0.027534	0.612084	-1.63376	0.000212996	0.311875	-3.20641	0.463941	1.15073	1.15073	12.446	6.99202	0.499367	1
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05470666	P4HA1;P4HA1;P4HA1;P4HA1	0.0163927	0.536376	0.712388	-1.40373	0.387691	0.619052	-1.61537	0.388262	0.619428	-1.61439	0.00260586	0.104464	-9.57268	0.969902	0.979771	-1.02065
cg10287303	P4HA1;P4HA1;P4HA1;P4HA1	0.0288453	0.0286778	0.551816	-1.8122	0.0124921	2.04601	2.04601	0.014109	2.00944	2.00944	0.859056	1.0418	1.0418	0.302687	1.27883	1.27883
cg22964146	P4HA1;P4HA1;P4HA1;P4HA1	0.031563	0.386782	0.737384	-1.35615	0.00396529	0.264375	-3.78251	0.0224477	0.391008	-2.55749	0.92292	1.03379	1.03379	0.0196453	0.379874	-2.63245
cg05191729	P4HA1;P4HA1;P4HA1;P4HA1	0.03601	0.529979	1.25213	1.25213	0.253011	0.655784	-1.52489	0.0134828	0.339283	-2.9474	0.377154	1.37749	1.37749	0.30338	0.686092	-1.45753
cg19832312	P4HA1;P4HA1;P4HA1;P4HA1	0.0456553	0.00309048	0.53747	-1.86057	0.279809	0.841738	-1.18802	0.459515	0.890935	-1.12242	0.231814	1.21204	1.21204	0.0704814	0.733446	-1.36343
cg11359771	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.00039062	0.00100085	0.695387	-1.43805	0.318345	1.07971	1.07971	0.971244	1.00268	1.00268	0.00407778	0.75078	-1.33195	0.149197	0.891355	-1.12189
cg26256836	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.00699756	0.398049	0.823352	-1.21455	0.008788	0.472572	-2.11608	0.00105308	0.336698	-2.97002	0.320827	0.794205	-1.25912	0.0369089	0.580172	-1.72363
cg11293275	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.0396436	0.428744	0.852019	-1.17368	0.0618861	0.659151	-1.5171	0.326077	0.817912	-1.22263	0.00326528	0.451609	-2.21431	0.0267694	0.594416	-1.68232
cg09140281	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.0354758	0.25656	0.751074	-1.33143	0.0447587	1.74523	1.74523	0.164521	1.43115	1.43115	0.724554	0.918034	-1.08928	0.556501	0.866092	-1.15461
cg00211630	P4HA3	0.000498346	0.000625879	3.83553	3.83553	0.627817	0.882616	-1.133	0.000439978	4.13287	4.13287	0.00945691	2.31765	2.31765	0.0294057	1.92641	1.92641
cg11376872	P4HA3	0.000604635	0.0201686	0.695117	-1.43861	0.00268751	0.583676	-1.71328	4.16E-05	0.363019	-2.75468	0.0121161	0.666369	-1.50067	0.000277838	0.462064	-2.1642
cg10408430	P4HA3	0.00221659	0.00138126	0.331345	-3.018	0.296284	1.29423	1.29423	0.00253458	0.368629	-2.71275	0.35108	0.795673	-1.2568	0.000285437	0.243897	-4.1001
cg25599211	P4HA3	0.00401598	0.0282942	2.58091	2.58091	0.99371	1.00289	1.00289	0.518979	1.27048	1.27048	0.0988119	1.94007	1.94007	0.0101058	3.28158	3.28158
cg12538950	P4HA3	0.0129524	0.00655134	3.98511	3.98511	0.0417501	2.50618	2.50618	0.119621	1.93685	1.93685	0.0547884	2.34596	2.34596	0.0104212	3.5344	3.5344
cg05671350	P4HA3	0.0257423	0.0561495	4.00659	4.00659	0.20661	2.35073	2.35073	0.0793567	3.48921	3.48921	0.264156	2.11032	2.11032	0.0105967	7.86605	7.86605
cg26758986	P4HA3	0.0271546	0.0152002	17.4199	17.4199	0.108451	5.3556	5.3556	0.0406672	9.63099	9.63099	0.10764	5.38007	5.38007	0.0278916	12.0633	12.0633
cg23220623	P4HB	1.13E-05	0.0054692	1.91922	1.91922	0.100964	0.725774	-1.37784	0.260713	1.23283	1.23283	2.84E-07	0.0673085	-14.857	?	?	?
cg01441593	P4HB	0.000865997	0.0694118	1.64788	1.64788	0.393889	1.23957	1.23957	0.192467	0.712315	-1.40387	0.699059	0.90889	-1.10024	0.639509	1.12301	1.12301
cg17462329	P4HB	0.00715141	0.139965	0.725091	-1.37914	0.00121555	0.383442	-2.60796	0.515742	0.875115	-1.14271	0.612504	0.901773	-1.10893	0.116328	0.707908	-1.41261
cg11656992	P4HB	0.00953365	0.157129	0.902937	-1.1075	0.209914	1.09326	1.09326	0.0606644	1.15341	1.15341	0.428188	1.0561	1.0561	0.00705533	1.2649	1.2649
cg07955004	P4HB	0.0133552	0.237058	0.655565	-1.5254	0.866517	1.05902	1.05902	0.232454	0.652573	-1.5324	0.00155705	0.212196	-4.71262	0.00412708	0.269506	-3.7105
cg20014304	P4HB	0.0223678	0.0150428	0.454612	-2.19968	0.184273	1.44993	1.44993	0.270903	0.739061	-1.35307	0.389408	0.792415	-1.26196	0.0589224	0.569677	-1.75538
cg19219672	P4HB	0.028778	0.073959	0.544914	-1.83515	0.769422	1.09374	1.09374	0.127364	0.604961	-1.653	0.827125	1.06895	1.06895	0.0040887	0.308948	-3.23679
cg11301060	P4HB	0.0426497	0.0169213	0.451905	-2.21285	0.575769	0.857157	-1.16665	0.721701	0.907094	-1.10242	0.536669	0.84318	-1.18599	0.0119633	0.425325	-2.35114
cg19936372	P4HB	0.0441265	0.102997	0.469234	-2.13113	0.828694	1.09628	1.09628	0.189471	0.554543	-1.80329	0.921537	0.959068	-1.04268	0.183726	0.549758	-1.81898
cg11499772	P4HB;P4HB	0.0119112	0.129136	0.742047	-1.34762	0.590824	1.10379	1.10379	0.0243279	1.62957	1.62957	0.274258	1.22996	1.22996	0.192311	0.777961	-1.28541
cg06679760	P4HTM;P4HTM	0.000871085	0.192252	0.880639	-1.13554	0.00206101	1.49139	1.49139	0.138441	1.15823	1.15823	0.019444	0.770914	-1.29716	0.00481991	0.708647	-1.41114
cg07595372	P4HTM;P4HTM	0.00465684	0.465989	0.86234	-1.15964	0.106187	0.703118	-1.42224	0.04192	0.626228	-1.59686	0.154586	1.35551	1.35551	0.000288933	0.307088	-3.2564
cg16541026	P4HTM;P4HTM	0.0170285	0.0640031	0.491852	-2.03313	0.029282	2.39968	2.39968	0.0481426	2.15952	2.15952	0.943551	1.02443	1.02443	0.107974	0.550002	-1.81818
cg00364001	P4HTM;P4HTM	0.0175536	0.166209	0.847418	-1.18006	0.00255375	0.625434	-1.59889	0.00429006	0.651581	-1.53473	0.523711	1.07516	1.07516	0.0400571	0.766372	-1.30485
cg09610987	P4HTM;P4HTM	0.0180968	0.0712315	0.719047	-1.39073	0.755047	0.950061	-1.05256	0.728074	0.944467	-1.0588	0.915445	1.01754	1.01754	0.934326	0.9866	-1.01358
cg08451218	P4HTM;WDR6;P4HTM	0.00661677	0.00282975	0.666713	-1.4999	0.476097	0.931046	-1.07406	0.697851	1.03922	1.03922	0.00212227	0.653216	-1.53089	0.0339255	0.783374	-1.27653
cg13415434	P4HTM;WDR6;P4HTM	0.0174372	0.15847	0.914327	-1.0937	0.632058	0.971744	-1.02908	0.225703	0.927195	-1.07852	0.449052	0.955201	-1.0469	0.226904	0.927395	-1.07829
cg07226813	P4HTM;WDR6;P4HTM	0.0240007	0.0374412	0.765504	-1.30633	0.933442	1.00929	1.00929	0.0117707	0.705984	-1.41646	0.349647	1.11242	1.11242	0.941006	1.00822	1.00822
cg13001274	P4HTM;WDR6;P4HTM	0.0316961	0.981745	1.0018	1.0018	0.337606	1.08093	1.08093	0.214295	1.1084	1.1084	0.00411985	0.738686	-1.35376	0.491261	0.946454	-1.05658
cg00296938	P4HTM;WDR6;P4HTM	0.0337688	0.0427394	2.59753	2.59753	0.070101	2.22374	2.22374	0.674331	1.15876	1.15876	0.0192669	3.43509	3.43509	0.0224302	3.24611	3.24611
cg12866103	P704P	0.000926097	0.696194	0.904884	-1.10511	0.168825	1.45272	1.45272	0.537655	0.853026	-1.1723	0.634481	1.12975	1.12975	2.40E-05	0.117108	-8.53913
cg05145251	P704P	0.00140848	0.0107953	0.547403	-1.82681	0.000546306	0.36397	-2.74748	0.000611667	0.370381	-2.69992	0.61766	0.90965	-1.09932	0.000321834	0.334516	-2.98939
cg04244155	P704P	0.00799861	0.419071	0.825599	-1.21124	0.7948	1.06237	1.06237	0.90863	1.02701	1.02701	0.399038	1.2219	1.2219	0.156753	0.703582	-1.4213
cg11017535	P704P	0.0388075	0.0483821	0.259594	-3.85217	0.0252706	0.203806	-4.90662	0.0357185	0.231915	-4.31192	0.901893	0.928914	-1.07653	0.0176681	0.17807	-5.61576
cg04411449	PA2G4	0.000114016	0.00679062	0.536073	-1.86542	0.0857739	0.71355	-1.40144	0.00454302	0.510734	-1.95797	0.000138351	0.310116	-3.2246	2.20E-05	0.219844	-4.54867
cg03433549	PA2G4	0.00133325	0.000793744	0.392245	-2.54942	0.0387729	1.55563	1.55563	0.777477	1.05371	1.05371	0.626757	1.09471	1.09471	0.507272	1.13227	1.13227
cg06242879	PA2G4	0.00181832	0.107539	1.26857	1.26857	0.403239	0.890605	-1.12283	0.828118	0.970979	-1.02989	0.696689	1.05449	1.05449	3.25E-05	0.334788	-2.98696
cg21001214	PA2G4	0.00263389	0.701449	0.945169	-1.05801	0.364453	1.14671	1.14671	0.173313	1.23862	1.23862	0.0354054	0.692754	-1.44351	0.0339029	0.689845	-1.4496
cg09011597	PA2G4	0.00414978	0.576818	0.925202	-1.08084	0.000700595	2.0395	2.0395	0.718743	0.951351	-1.05114	0.233857	0.841888	-1.18781	0.575733	0.924993	-1.08109
cg27643205	PA2G4	0.0270155	0.179946	0.817805	-1.22279	0.0306195	1.43152	1.43152	0.632549	1.0704	1.0704	0.325565	0.866437	-1.15415	0.0399935	0.715156	-1.3983
cg15585843	PA2G4	0.0286067	0.546434	0.856744	-1.16721	0.878302	1.03958	1.03958	0.799102	0.937437	-1.06674	0.327159	1.29207	1.29207	0.00056592	0.258392	-3.87008
cg14940636	PA2G4	0.029606	0.613139	0.939757	-1.0641	0.0790524	0.788487	-1.26825	0.952834	0.992817	-1.00723	0.51484	0.922664	-1.08382	0.151591	1.20592	1.20592
cg10056728	PA2G4;ERBB3	0.00794237	0.277444	0.790351	-1.26526	0.484832	0.862547	-1.15936	0.0863086	0.673866	-1.48398	0.280644	0.791683	-1.26313	0.000550081	0.32705	-3.05763
cg08841342	PA2G4P4	6.17E-05	0.316577	1.0809	1.0809	1.57E-05	0.511529	-1.95492	0.000262558	0.637167	-1.56945	0.422987	1.06342	1.06342	6.80E-05	0.578314	-1.72916
cg08651937	PA2G4P4	0.00761244	0.859569	0.96836	-1.03267	0.000395734	2.78502	2.78502	0.218583	0.790621	-1.26483	0.173	0.76854	-1.30117	0.401939	1.16853	1.16853
cg25738116	PA2G4P4	0.0227552	0.373132	0.904594	-1.10547	0.00444171	0.659498	-1.5163	0.0552578	0.787962	-1.2691	0.0779553	1.23962	1.23962	0.0692704	0.800204	-1.24968
cg10568689	PAAF1	0.0247537	0.0723929	0.678038	-1.47484	0.0618763	0.665313	-1.50305	0.0273028	0.602816	-1.65888	0.451708	1.1602	1.1602	0.668396	0.91988	-1.0871
cg16448805	PABPC1	0.00174592	0.091274	0.617606	-1.61915	0.00620337	0.396676	-2.52095	0.00835191	0.41757	-2.39481	0.00277023	0.343262	-2.91323	0.000169548	0.190655	-5.24507
cg04504715	PABPC1	0.0244462	0.352538	1.1829	1.1829	0.0314433	0.642061	-1.55748	0.0184226	0.605291	-1.6521	0.981782	0.995999	-1.00402	0.116637	0.741313	-1.34896
cg15709375	PABPC1	0.0283329	0.201264	0.848019	-1.17922	0.153373	0.829661	-1.20531	0.0355605	0.741656	-1.34833	0.0276472	0.727567	-1.37444	0.00107879	0.554527	-1.80334
cg05743086	PABPC1;PABPC1	0.000277619	0.0281423	0.855246	-1.16925	4.70E-06	0.53126	-1.88232	0.0497069	0.873702	-1.14456	0.301915	0.937535	-1.06663	0.013006	0.83039	-1.20425
cg20304401	PABPC1;PABPC1	0.0169429	0.576701	1.07675	1.07675	0.045575	0.740351	-1.35071	0.0797418	0.774927	-1.29044	0.0242909	0.703225	-1.42202	0.0453098	0.739999	-1.35135
cg05372265	PABPC1L	0.000122509	5.13E-05	0.136255	-7.3392	0.000827678	0.266154	-3.75722	0.0219051	0.485316	-2.06051	0.371611	0.785706	-1.27274	1.83E-05	0.100594	-9.94096
cg09328228	PABPC1L	0.000249926	2.86E-06	0.173276	-5.77114	0.00548551	0.564628	-1.77108	0.0405511	0.690581	-1.44806	0.0231605	0.653792	-1.52954	0.397641	1.14519	1.14519
cg00501711	PABPC1L	0.00385104	0.00100855	0.205603	-4.86373	0.0564099	0.49646	-2.01426	0.0196621	0.401099	-2.49315	0.195617	0.641674	-1.55842	0.475742	0.7905	-1.26502
cg17255214	PABPC1L	0.0040847	0.00112082	0.224925	-4.44593	0.0016738	0.247218	-4.04502	0.0115521	0.374501	-2.67022	0.021819	0.424884	-2.35358	0.0223115	0.426746	-2.34332
cg12963529	PABPC1L	0.00717999	0.0253132	2.5733	2.5733	0.0284914	2.50645	2.50645	0.0040608	3.9403	3.9403	0.281461	1.48868	1.48868	0.0819035	0.503966	-1.98426
cg03839625	PABPC1L	0.0160818	0.0139996	0.500209	-1.99916	0.00181637	0.363469	-2.75127	0.126001	0.68527	-1.45928	0.0209346	0.530303	-1.88571	0.0190918	0.5233	-1.91095
cg21787727	PABPC1L;PABPC1L	0.020082	0.0101716	1.27307	1.27307	0.854005	0.986372	-1.01382	0.155157	1.11999	1.11999	0.00274543	1.36053	1.36053	0.118836	0.881521	-1.1344
cg25853777	PABPC1L;PABPC1L	0.0222614	0.0656855	0.719782	-1.38931	0.239	0.82176	-1.2169	0.29412	0.840946	-1.18914	0.978656	0.99575	-1.00427	0.0373222	0.680641	-1.4692
cg18716861	PABPC1L;PABPC1L	0.031335	0.899047	0.970037	-1.03089	0.513873	1.17196	1.17196	0.796595	1.06387	1.06387	0.0365479	0.558574	-1.79027	0.648721	1.11619	1.11619
cg08842508	PABPC1P2	0.00385084	0.700388	0.944172	-1.05913	0.829874	1.03249	1.03249	0.000248092	0.407078	-2.45653	0.294352	0.850787	-1.17538	0.88694	1.02136	1.02136
cg13609973	PABPC1P2	0.00702623	0.100591	0.7362	-1.35833	0.142067	1.30834	1.30834	0.000356009	0.376801	-2.65392	0.698619	0.935899	-1.06849	0.158173	0.77345	-1.29291
cg25184805	PABPC1P2	0.0163061	0.682137	0.933821	-1.07087	0.021791	0.632673	-1.58059	0.0441842	1.46874	1.46874	0.767019	1.05064	1.05064	0.405263	0.867979	-1.1521
cg07167132	PABPC1P2	0.0337358	0.362796	0.814447	-1.22783	0.0504652	0.613122	-1.631	0.641822	0.902313	-1.10826	0.381265	0.821139	-1.21782	0.00298736	0.409117	-2.44429
cg17813221	PABPC1P2	0.03494	0.456489	1.10367	1.10367	0.344724	0.881101	-1.13494	0.664311	1.05843	1.05843	0.164598	1.2127	1.2127	0.0885675	1.2768	1.2768
cg15973369	PABPC1P2	0.0386009	0.223066	0.779386	-1.28306	0.257078	0.794313	-1.25895	0.0578536	0.658695	-1.51815	0.984199	0.996152	-1.00386	0.0219369	0.585553	-1.70779
cg00094319	PABPC3	0.000317718	0.575231	1.09919	1.09919	0.000177262	2.89083	2.89083	0.000225358	2.7868	2.7868	0.844429	0.967714	-1.03336	0.0219812	0.631914	-1.58249
cg13777312	PABPC3	0.000984832	0.871394	0.978136	-1.02235	0.0145727	0.663303	-1.50761	0.00225768	0.558134	-1.79168	0.0238766	0.692242	-1.44458	9.78E-05	2.57182	2.57182
cg02113641	PABPC3	0.00111229	0.0510712	2.13307	2.13307	0.63371	1.17783	1.17783	0.73845	1.12104	1.12104	0.65635	0.858395	-1.16497	5.39E-05	0.0767199	-13.0344
cg00018896	PABPC3	0.00135974	0.543444	1.09807	1.09807	0.000297977	0.40841	-2.44852	0.00103294	0.477387	-2.09474	0.33928	0.86086	-1.16163	0.0699011	0.734697	-1.36111
cg16134678	PABPC3	0.00629238	0.0483415	3.04737	3.04737	0.791235	1.14001	1.14001	0.664788	1.24027	1.24027	0.498453	0.712182	-1.40414	0.00169654	0.109193	-9.15812
cg18583910	PABPC3	0.00652144	0.0367181	2.91514	2.91514	0.589236	1.27166	1.27166	0.439505	1.41564	1.41564	0.281437	0.610477	-1.63806	0.000688108	0.101786	-9.82455
cg21480165	PABPC3	0.00756395	0.0522474	3.69621	3.69621	0.498775	1.50172	1.50172	0.744615	0.824029	-1.21355	0.215478	0.462096	-2.16405	0.000715494	0.0473445	-21.1218
cg00454993	PABPC3	0.0163248	0.0386641	2.94457	2.94457	0.859316	0.923108	-1.0833	0.447169	1.41821	1.41821	0.961435	0.97843	-1.02205	0.0391179	0.340721	-2.93495
cg25752797	PABPC3	0.0201116	0.0336303	1.92268	1.92268	0.526148	0.844334	-1.18437	0.812466	1.06461	1.06461	0.371885	1.27318	1.27318	0.00214627	0.321235	-3.11299
cg21341928	PABPC3;PABPC3	0.013268	0.0188381	3.08593	3.08593	0.900491	0.951663	-1.05079	0.822187	1.09324	1.09324	0.638034	0.828886	-1.20644	0.00519868	0.232084	-4.30879
cg11742479	PABPC4;LOC728448;PABPC4;PABPC4	0.0448089	0.481329	0.853808	-1.17122	0.12421	0.692401	-1.44425	0.13772	0.702604	-1.42328	0.869183	0.964257	-1.03707	0.0185223	0.532255	-1.8788
cg11224362	PABPC4;PABPC4;PABPC4	0.0261674	0.0263747	4.32825	4.32825	?	?	?	?	?	?	0.03202	3.96078	3.96078	?	?	?
cg24142464	PABPC4;PABPC4;PABPC4	0.0483722	0.00770113	0.215414	-4.64223	0.598251	0.787886	-1.26922	0.595863	0.786637	-1.27123	0.0456018	0.357817	-2.79473	0.0567892	0.380355	-2.62912
cg20157644	PABPC4;PABPC4;PABPC4;PABPC4;PABPC4;PABPC4	0.00395083	0.0158388	1.93159	1.93159	0.485084	0.853823	-1.1712	0.0746915	1.55622	1.55622	0.0551375	1.62311	1.62311	0.000603605	3.24854	3.24854
cg12425180	PABPC4;PABPC4;PABPC4;SNORA55	0.0484367	0.926588	0.974346	-1.02633	0.484714	1.2217	1.2217	0.615217	1.15364	1.15364	0.0322844	0.493122	-2.0279	0.00535396	0.355432	-2.81347
cg15867829	PABPC4L	0.0236612	0.0267525	0.144017	-6.94364	0.00232263	0.0432564	-23.118	0.240232	0.403356	-2.4792	0.129483	0.298338	-3.35191	0.0080993	0.0817886	-12.2266
cg11815708	PABPC4L	0.0255239	0.00448656	2.03924	2.03924	0.0243746	0.603775	-1.65625	0.720001	1.07004	1.07004	0.25602	0.800121	-1.24981	0.131104	1.35876	1.35876
cg16401529	PABPC5;PABPC5	0.0105851	?	?	?	0.00906801	0.310421	-3.22143	0.019215	0.368156	-2.71624	0.0305587	2.45089	2.45089	0.0835359	0.50881	-1.96537
cg23691743	PABPN1	3.04E-05	0.0869574	0.784615	-1.27451	0.000140016	0.430063	-2.32524	3.94E-06	0.252162	-3.9657	0.000894582	1.89309	1.89309	0.000233333	0.4569	-2.18866
cg01979540	PABPN1	0.00899325	0.233765	0.74645	-1.33967	0.348139	0.797496	-1.25392	0.72468	0.9205	-1.08637	0.474094	0.84321	-1.18594	0.00010337	0.200096	-4.9976
cg16280098	PABPN1	0.0263748	0.0487384	0.818389	-1.22191	0.420504	0.929344	-1.07603	0.0345872	1.24532	1.24532	0.0325984	1.24942	1.24942	0.0195424	1.28565	1.28565
cg07050525	PABPN1	0.0326606	0.209123	0.698324	-1.432	0.035001	1.94703	1.94703	0.00186286	3.31126	3.31126	0.167932	1.48971	1.48971	0.113811	1.59459	1.59459
cg17819538	PABPN1	0.0330207	0.498312	0.815789	-1.22581	0.39815	0.773974	-1.29203	0.168031	0.647176	-1.54517	0.527585	0.827324	-1.20872	0.00657406	0.351568	-2.8444
cg04861271	PABPN1;PABPN1	2.41E-06	4.08E-05	0.346486	-2.88612	5.58E-05	0.362456	-2.75895	0.833182	0.97184	-1.02898	0.229801	0.843123	-1.18607	8.06E-08	0.0901246	-11.0957
cg04587581	PABPN1L	0.000108757	7.21E-06	0.207867	-4.81078	0.00342624	0.532304	-1.87863	0.000110089	0.339791	-2.94299	0.116719	1.31032	1.31032	0.0149288	0.622094	-1.60747
cg00056002	PABPN1L	0.00494114	0.24437	1.34482	1.34482	0.0582217	0.594102	-1.68321	0.667441	0.900189	-1.11088	0.294118	1.30306	1.30306	0.000156924	0.20732	-4.82347
cg01502457	PABPN1L	0.0118915	0.295135	0.83927	-1.19151	0.13896	0.773339	-1.29309	0.0144236	0.614693	-1.62683	0.634796	1.08028	1.08028	0.00499048	0.548974	-1.82158
cg06888383	PABPN1L	0.0202055	0.0962289	0.831365	-1.20284	0.8966	1.01323	1.01323	0.115721	0.841236	-1.18873	0.272535	1.12241	1.12241	0.384961	1.09424	1.09424
cg08999742	PABPN1L	0.0205875	0.0315087	2.36333	2.36333	0.442183	0.765505	-1.30633	0.129983	1.74674	1.74674	0.0821173	1.92866	1.92866	0.023014	0.395682	-2.52728
cg06076690	PABPN1L	0.0425147	0.0696063	1.90902	1.90902	0.0507923	2.03199	2.03199	0.0828831	1.84384	1.84384	0.077894	1.8668	1.8668	0.011947	0.368117	-2.71653
cg09577425	PACRG;PACRG;LOC285796;PACRG	0.00437266	0.137373	1.62548	1.62548	0.0447087	0.496746	-2.0131	0.000119003	0.129543	-7.71943	0.865901	0.94998	-1.05265	0.345099	1.34345	1.34345
cg22180298	PACRG;PACRG;LOC285796;PACRG	0.0299033	0.767973	0.926888	-1.07888	0.961506	1.01246	1.01246	0.000387394	0.233999	-4.27352	0.390788	0.797992	-1.25315	0.417457	0.808443	-1.23695
cg02008828	PACRG;PACRG;LOC285796;PACRG	0.0422636	0.594254	0.798058	-1.25304	0.0241704	3.0888	3.0888	0.0125656	0.271913	-3.67765	0.4385	0.71782	-1.39311	0.525326	0.763351	-1.31001
cg25462229	PACRG;PACRG;LOC285796;PACRG	0.0458972	0.709165	1.09452	1.09452	0.246898	1.33894	1.33894	0.00233806	0.359085	-2.78485	0.0891236	1.57139	1.57139	0.94269	0.982818	-1.01748
cg08555556	PACRG;PACRG;PACRG	0.00051805	0.767646	0.951333	-1.05116	0.0834922	0.724266	-1.38071	0.000319697	0.374954	-2.66699	0.162396	0.777897	-1.28552	5.67E-05	0.283969	-3.52151
cg06648782	PACRG;PACRG;PACRG	0.000764233	6.45E-05	0.355291	-2.8146	0.0143587	0.653518	-1.53018	0.00245244	1.8111	1.8111	0.0696732	1.33101	1.33101	0.850564	0.973768	-1.02694
cg19390941	PACRG;PACRG;PACRG	0.000812511	0.954746	0.988487	-1.01165	9.24E-05	0.240712	-4.15434	0.0154687	0.54544	-1.83338	0.373591	1.20488	1.20488	0.760073	1.0645	1.0645
cg25214924	PACRG;PACRG;PACRG	0.00236138	0.780976	1.03449	1.03449	0.230517	0.858107	-1.16536	0.198163	0.847512	-1.17992	0.000241512	2.09346	2.09346	0.0175988	1.42103	1.42103
cg14337324	PACRG;PACRG;PACRG	0.00431438	0.00906718	0.741758	-1.34815	0.123899	1.16195	1.16195	0.0397917	1.23876	1.23876	0.896518	0.988347	-1.01179	0.0214983	0.779752	-1.28246
cg21763405	PACRG;PACRG;PACRG	0.00476915	0.403793	0.833426	-1.19987	0.93979	1.01624	1.01624	0.0545751	0.628067	-1.59219	0.000437678	3.27085	3.27085	0.274726	0.784756	-1.27428
cg12465250	PACRG;PACRG;PACRG	0.00648617	0.0028864	11.1297	11.1297	0.55485	1.42086	1.42086	0.426084	0.620054	-1.61276	0.0931143	2.96349	2.96349	0.247992	2.0345	2.0345
cg17549725	PACRG;PACRG;PACRG	0.00668263	0.408747	1.12481	1.12481	0.000127444	0.395401	-2.52908	0.732676	0.953395	-1.04888	0.274213	1.17161	1.17161	0.150786	1.23906	1.23906
cg03185655	PACRG;PACRG;PACRG	0.00707322	0.0367052	0.5926	-1.68748	0.642879	1.1059	1.1059	0.0517996	0.620578	-1.6114	0.00166308	2.63749	2.63749	0.171733	0.730777	-1.36841
cg17566334	PACRG;PACRG;PACRG	0.00739302	0.0138312	0.304709	-3.28182	0.0145267	0.308477	-3.24174	0.227366	0.609542	-1.64058	0.524151	0.777121	-1.2868	0.00304508	0.204793	-4.88299
cg08821968	PACRG;PACRG;PACRG	0.00905182	0.000712065	0.39324	-2.54297	0.134833	0.746869	-1.33892	0.714556	1.06877	1.06877	0.535669	0.892652	-1.12026	0.486641	1.13652	1.13652
cg08310224	PACRG;PACRG;PACRG	0.0101433	0.546885	0.93248	-1.07241	0.106933	0.817249	-1.22362	0.790755	1.03096	1.03096	0.729754	0.961015	-1.04057	0.132815	1.20438	1.20438
cg27433898	PACRG;PACRG;PACRG	0.011053	0.0755804	0.782609	-1.27778	0.115819	0.809109	-1.23593	0.0190227	0.703404	-1.42166	0.115337	0.808843	-1.23633	0.484802	1.09196	1.09196
cg18087491	PACRG;PACRG;PACRG	0.0111695	0.365056	0.875923	-1.14165	0.555849	0.918695	-1.0885	0.0913499	0.767468	-1.30299	0.625697	1.07248	1.07248	0.561173	1.08723	1.08723
cg04978831	PACRG;PACRG;PACRG	0.017719	0.242991	0.776224	-1.28829	0.0137767	1.88	1.88	0.397853	1.1966	1.1966	0.474616	0.860057	-1.16271	0.000985107	0.36222	-2.76075
cg01918552	PACRG;PACRG;PACRG	0.0178741	0.790612	1.04592	1.04592	0.226708	0.807247	-1.23878	0.20575	0.798363	-1.25256	0.115659	1.33444	1.33444	0.0924146	1.36676	1.36676
cg10023652	PACRG;PACRG;PACRG	0.0213329	0.0718252	0.689986	-1.4493	0.0407607	0.646554	-1.54666	0.00497037	0.503285	-1.98695	0.729375	0.937889	-1.06622	0.0645091	1.46732	1.46732
cg23800778	PACRG;PACRG;PACRG	0.0231839	0.0313742	0.682881	-1.46439	0.822852	1.03446	1.03446	0.00902348	0.605633	-1.65117	0.155834	0.795014	-1.25784	0.00145612	0.49924	-2.00304
cg16309622	PACRG;PACRG;PACRG	0.0237264	0.0283134	0.605976	-1.65023	0.919509	1.01975	1.01975	0.0386462	1.58947	1.58947	0.197346	0.768224	-1.3017	0.0047731	0.484392	-2.06444
cg20125846	PACRG;PACRG;PACRG	0.0259039	0.800134	0.961989	-1.03951	0.0110264	1.62752	1.62752	0.823493	0.96645	-1.03471	0.826381	1.03413	1.03413	0.262109	1.19557	1.19557
cg03264366	PACRG;PACRG;PACRG	0.0262732	0.0391096	0.734836	-1.36085	0.835881	0.973586	-1.02713	0.440395	1.10687	1.10687	0.186267	0.834585	-1.1982	0.356432	1.13021	1.13021
cg27232130	PACRG;PACRG;PACRG	0.027084	0.0136381	0.703281	-1.42191	0.835129	1.02433	1.02433	0.066835	0.788964	-1.26749	0.160558	0.8412	-1.18878	0.897556	0.98525	-1.01497
cg03286391	PACRG;PACRG;PACRG	0.0286049	0.105047	0.699118	-1.43037	0.00496173	2.12065	2.12065	0.989866	1.00257	1.00257	0.455205	0.857523	-1.16615	0.0866393	0.682185	-1.46588
cg05104811	PACRG;PACRG;PACRG	0.0299551	0.0148158	0.674075	-1.48351	0.0708454	0.766803	-1.30412	0.30981	0.870872	-1.14827	0.173495	0.826535	-1.20987	0.259767	1.16725	1.16725
cg12993838	PACRG;PACRG;PACRG	0.0303736	0.686304	1.12087	1.12087	0.0734449	0.570693	-1.75226	0.602245	0.862629	-1.15925	0.93749	1.02229	1.02229	0.129151	1.58535	1.58535
cg17328151	PACRG;PACRG;PACRG	0.0341903	0.995141	1.00077	1.00077	0.115925	0.805151	-1.242	0.965933	1.00543	1.00543	0.417467	1.11082	1.11082	0.978042	0.996515	-1.0035
cg02251315	PACRG;PACRG;PACRG	0.0385956	0.259902	0.692203	-1.44466	0.231331	1.48142	1.48142	0.500052	0.807115	-1.23898	0.0117928	2.67637	2.67637	0.196396	0.652075	-1.53357
cg22564026	PACRG;PACRG;PACRG	0.0403452	0.00656117	1.72802	1.72802	0.267724	0.83623	-1.19584	0.86955	0.974859	-1.02579	0.0199062	1.54551	1.54551	0.0783976	1.35375	1.35375
cg24145613	PACRG;PACRG;PACRG	0.0411538	0.841166	0.919118	-1.088	0.00132335	0.140407	-7.12216	0.0406768	0.370336	-2.70025	0.370576	1.47179	1.47179	0.437906	0.717055	-1.39459
cg21926612	PACRG;PACRG;PACRG;PACRG;PARK2;PARK2;PARK2	0.0173298	0.0642036	1.60903	1.60903	0.00614413	2.26506	2.26506	0.493367	1.17244	1.17244	0.0412619	1.71334	1.71334	0.28274	0.774707	-1.29081
cg23799375	PACRG;PACRG;PARK2;PACRG;PARK2;PARK2	7.48E-07	6.19E-07	0.229053	-4.3658	0.109827	0.828735	-1.20666	2.03E-05	0.39524	-2.53011	0.60387	1.05803	1.05803	1.05E-07	0.156826	-6.37648

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05470666	0.0064317	0.146648	-6.81907	0.0930452	2.72056	2.72056	0.244184	1.93469	1.93469	0.109411	2.5739	2.5739	5.03022	23.3731	4.13026	1
cg10287303	0.531082	0.864022	-1.15738	0.553816	1.14793	1.14793	0.0602377	0.613725	-1.6294	0.996372	0.998953	-1.00105	4.14406	3.48278	0.747045	1
cg22964146	0.959869	1.01743	1.01743	0.547702	0.811465	-1.23234	0.0890177	1.9042	1.9042	0.818012	0.923903	-1.08236	4.01357	7.49568	1.66008	1
cg05191729	0.0697993	0.488417	-2.04743	0.0106288	0.321331	-3.11206	0.86151	0.940156	-1.06365	0.0641171	2.08605	2.08605	3.82745	7.57096	1.75828	1
cg19832312	0.56726	1.09272	1.09272	0.0548529	0.716114	-1.39642	0.90599	1.01828	1.01828	0.413109	1.1369	1.1369	3.50648	1.30589	0.331041	1
cg11359771	0.511661	1.05074	1.05074	2.38E-05	1.87208	1.87208	0.792118	1.01984	1.01984	0.126072	0.884195	-1.13097	15.2999	1.33984	0.0778416	1
cg26256836	0.0130045	1.99826	1.99826	0.90783	1.02636	1.02636	0.0428273	0.592345	-1.68821	0.109653	0.67586	-1.4796	6.61584	5.28718	0.710374	1
cg11293275	0.141852	0.731183	-1.36765	0.416642	1.17888	1.17888	0.79855	1.05201	1.05201	0.0366221	0.617908	-1.61836	3.69529	2.29989	0.553229	1
cg09140281	0.530639	1.16595	1.16595	0.00545416	0.413291	-2.4196	0.0786153	0.623639	-1.60349	0.142737	1.46346	1.46346	3.84827	3.56116	0.822571	1
cg00211630	0.4057	0.804587	-1.24287	0.0141885	0.461455	-2.16706	0.000613273	3.85183	3.85183	0.00116369	3.38336	3.38336	14.3037	14.7988	0.919659	1
cg11376872	0.00195058	0.566336	-1.76574	0.0177824	0.687959	-1.45357	0.00330201	0.594853	-1.68109	0.29718	0.869118	-1.15059	13.5548	3.61629	0.237147	1
cg10408430	0.00555812	0.419991	-2.38101	0.109441	0.659911	-1.51536	0.252054	0.752048	-1.3297	0.0105715	0.464917	-2.15092	9.35669	8.40512	0.79849	1
cg25599211	0.286419	0.66674	-1.49984	0.00023747	9.29374	9.29374	0.00852089	3.41881	3.41881	?	?	?	8.0142	15.1274	1.88757	1
cg12538950	0.5092	0.769418	-1.29968	0.815917	1.09558	1.09558	0.00319581	4.83413	4.83413	0.0103181	3.54338	3.54338	5.43665	13.1944	2.15728	1
cg05671350	0.0853518	3.3886	3.3886	0.0015473	18.5642	18.5642	0.023343	5.69095	5.69095	0.105406	3.11165	3.11165	4.31304	28.1252	5.79642	1
cg26758986	0.839256	0.823123	-1.21489	0.404616	0.441646	-2.26425	0.00800177	25.977	25.977	0.0204778	14.5298	14.5298	4.23317	61.5784	12.9303	1
cg23220623	?	?	?	0.885316	0.974577	-1.02609	0.86575	1.03065	1.03065	0.003325	0.490048	-2.04062	41.66	16.3387	0.448221	1
cg01441593	0.350295	0.789448	-1.26671	1.43E-05	0.108436	-9.22204	0.124753	1.50484	1.50484	0.156409	1.45182	1.45182	12.2553	11.7379	0.851365	1
cg17462329	0.00034465	0.311605	-3.20919	0.0266088	0.587468	-1.70222	0.592844	0.896499	-1.11545	0.114243	0.706261	-1.41591	6.57109	4.26445	0.576863	1
cg11656992	0.00787866	1.25865	1.25865	0.0467845	1.16604	1.16604	0.00135867	1.36865	1.36865	0.0353648	1.1798	1.1798	6.00143	0.432826	0.0641071	1
cg07955004	0.131944	0.574498	-1.74065	0.00343169	0.257946	-3.87678	0.795857	0.915417	-1.0924	0.352615	0.721773	-1.38548	5.38249	9.90514	1.63578	1
cg20014304	0.00420288	0.363727	-2.74932	0.103736	1.59892	1.59892	0.818633	0.94121	-1.06246	0.0541822	0.5619	-1.77968	4.52809	4.99033	0.97963	1
cg19219672	0.0031792	0.292814	-3.41514	0.275269	0.7075	-1.41343	0.512247	0.816587	-1.22461	0.0674677	0.535483	-1.86747	4.14748	6.10455	1.30833	1
cg11301060	0.00994567	0.41163	-2.42937	0.0484897	0.540883	-1.84883	0.937516	0.978852	-1.02161	0.033595	0.50827	-1.96746	3.59677	4.23424	1.04643	1
cg19936372	0.00165342	0.148051	-6.75445	0.0262791	0.326921	-3.05885	0.669177	0.833323	-1.20001	0.113113	0.481201	-2.07813	3.55146	10.1217	2.53335	1
cg11499772	0.00569093	0.51694	-1.93446	0.00277265	0.472043	-2.11845	0.758991	1.05759	1.05759	0.495128	1.13431	1.13431	5.58694	2.92898	0.466005	1
cg06679760	0.024685	0.781663	-1.27932	0.000672454	0.619399	-1.61447	0.00221113	0.673687	-1.48437	0.0855896	1.19124	1.19124	12.235	1.64341	0.119396	1
cg07595372	0.267247	1.25952	1.25952	0.0132953	1.84484	1.84484	0.561101	1.12448	1.12448	0.288006	0.802346	-1.24634	7.49928	4.73342	0.561051	1
cg16541026	0.163699	0.602515	-1.65971	0.0194412	0.381722	-2.61971	0.0110137	0.337179	-2.96579	0.22458	0.647367	-1.54472	4.9667	9.14007	1.63579	1
cg00364001	0.198319	0.858596	-1.16469	0.802149	0.972237	-1.02856	0.312201	1.12439	1.12439	0.050542	0.778883	-1.28389	4.91642	0.979227	0.177044	1
cg09610987	0.506346	0.895505	-1.11669	0.120217	0.758886	-1.31772	0.000511836	2.43033	2.43033	0.885641	1.02384	1.02384	4.86634	2.06503	0.377199	1
cg08451218	0.0330086	0.782056	-1.27868	0.0010157	0.618421	-1.61702	0.127789	0.850146	-1.17627	0.106293	0.840374	-1.18995	6.73206	1.03657	0.136867	1
cg13415434	0.792082	1.01582	1.01582	0.11659	0.903657	-1.10661	0.000234259	0.695965	-1.43685	0.928086	1.00538	1.00538	4.92741	0.275479	0.0496956	1
cg07226813	0.0992339	0.818741	-1.22139	0.111845	0.825629	-1.2112	0.0565181	1.26987	1.26987	0.0290462	1.3294	1.3294	4.41936	0.857138	0.172401	1
cg13001274	0.0804827	0.858463	-1.16487	0.00976885	0.77321	-1.29331	0.111639	0.872502	-1.14613	0.500815	0.947632	-1.05526	4.00753	0.39329	0.0872334	1
cg00296938	0.00832571	4.85434	4.85434	?	?	?	0.228444	0.629664	-1.58815	?	?	?	7.65497	9.85288	0.735499	1
cg12866103	0.887524	1.0367	1.0367	0.0583514	1.72437	1.72437	0.940163	0.98106	-1.01931	0.0023021	0.337895	-2.9595	12.0252	12.3561	0.913355	1
cg05145251	0.0143433	0.566625	-1.76484	0.0360844	0.632105	-1.58201	0.0156974	0.572811	-1.74578	0.00419733	0.485978	-2.05771	10.671	5.98401	0.498465	1
cg04244155	0.165253	0.709237	-1.40997	0.000199117	4.26419	4.26419	0.19436	1.37532	1.37532	0.174901	0.715398	-1.39782	6.3445	5.41395	0.758515	1
cg11017535	0.21679	0.459745	-2.17512	0.374294	1.72511	1.72511	0.166198	0.413629	-2.41763	0.0103143	0.144784	-6.90685	3.72434	21.0889	5.03328	1
cg04411449	0.00102682	0.421129	-2.37457	2.04E-05	0.216442	-4.62018	0.636347	1.08834	1.08834	0.114354	0.736939	-1.35696	21.3764	10.6955	0.444747	1
cg03433549	0.250201	1.24842	1.24842	7.69E-05	0.266404	-3.75369	0.201061	0.779316	-1.28318	0.696276	0.930124	-1.07513	10.8404	5.85401	0.480017	1
cg06242879	0.0749886	0.764467	-1.3081	0.00788517	0.630243	-1.58669	0.642505	0.938646	-1.06536	0.673754	0.944262	-1.05903	9.91262	2.88009	0.258265	1
cg21001214	0.000416341	0.41272	-2.42295	0.0274146	1.47996	1.47996	0.00313964	1.8622	1.8622	0.4125	1.13087	1.13087	10.5179	3.48991	0.258072	1
cg09011597	0.406829	1.12414	1.12414	0.00855007	0.629615	-1.58827	0.00302475	0.570953	-1.75146	0.0864608	0.770155	-1.29844	7.76588	2.33893	0.267716	1
cg27643205	0.501665	1.1011	1.1011	0.00444741	0.585102	-1.7091	0.0494471	0.728591	-1.37251	0.722711	0.950925	-1.05161	4.24081	1.33974	0.280815	1
cg15585843	0.0950898	0.628377	-1.5914	0.155498	0.680442	-1.46963	0.427657	0.814523	-1.22771	0.303259	0.763285	-1.31013	4.15624	4.2242	0.903424	1
cg14940636	0.00856871	1.50484	1.50484	0.0210035	0.712936	-1.40265	0.066679	0.778348	-1.28477	0.255742	1.15557	1.15557	4.10605	0.965844	0.209089	1
cg10056728	0.00662917	0.479963	-2.08349	0.00605535	0.473922	-2.11005	0.152972	1.37549	1.37549	0.274734	0.789215	-1.26708	6.35859	4.36961	0.610842	1
cg08841342	0.00773158	1.29315	1.29315	0.0161377	1.24754	1.24754	0.00352653	0.742862	-1.34615	0.317458	1.08074	1.08074	25.1849	2.25192	0.0794804	1
cg08651937	0.0619869	1.46454	1.46454	0.160708	1.31263	1.31263	0.0104138	1.79614	1.79614	0.417187	0.860251	-1.16245	6.44388	3.36396	0.464035	1
cg25738116	0.16195	0.848937	-1.17794	0.0442742	1.28839	1.28839	0.83438	0.9773	-1.02323	0.175139	0.853732	-1.17133	4.50142	0.857437	0.169317	1
cg10568689	0.980393	1.00477	1.00477	0.00338176	2.1649	2.1649	0.878218	0.970721	-1.03016	0.162463	0.749006	-1.3351	4.37225	2.60082	0.528752	1
cg16448805	0.391669	0.796602	-1.25533	0.0043776	0.373021	-2.68082	0.445078	1.22349	1.22349	0.00317278	0.351937	-2.84142	10.0301	10.6652	0.945172	1
cg04504715	0.452837	0.874347	-1.14371	0.00632633	1.86683	1.86683	0.0985589	0.727556	-1.37446	0.96185	1.00843	1.00843	4.39127	2.14406	0.434004	1
cg15709375	0.920648	0.987903	-1.01225	0.861656	1.02153	1.02153	0.767704	1.03684	1.03684	0.938372	0.990599	-1.00949	4.17037	0.985447	0.210042	1
cg05743086	0.888824	0.9916	-1.00847	0.00975208	1.2179	1.2179	0.899829	1.00762	1.00762	0.654782	0.973223	-1.02751	16.8026	0.967933	0.0512054	1
cg20304401	0.181672	0.830343	-1.20432	0.0356455	1.37803	1.37803	0.0102912	0.654421	-1.52807	0.149086	1.22493	1.22493	4.97508	1.35489	0.242076	1
cg05372265	0.0023971	0.328835	-3.04104	5.81E-05	0.140988	-7.09281	0.0711098	0.588595	-1.69896	0.00347997	0.352582	-2.83622	20.9683	22.9525	0.973006	1
cg09328228	0.688204	1.06518	1.06518	0.0374013	0.685169	-1.45949	0.0830361	0.740511	-1.35042	0.560892	0.912068	-1.09641	17.2914	6.71014	0.344945	1
cg00501711	0.00770721	0.329624	-3.03376	0.000776026	0.192281	-5.20071	0.00254662	0.257361	-3.88559	0.0150204	0.379443	-2.63544	7.94274	13.2192	1.47939	1
cg17255214	0.190882	0.650057	-1.53833	0.00196929	0.256633	-3.89662	0.00527134	0.318556	-3.13917	0.0369029	0.470609	-2.12491	7.80303	11.9511	1.36143	1
cg12963529	0.65177	0.850877	-1.17526	0.0173291	2.80159	2.80159	0.00178329	4.85817	4.85817	0.0563792	2.15537	2.15537	6.56292	13.1331	1.77876	1
cg03839625	0.112712	0.674245	-1.48314	0.00723251	0.4533	-2.20605	0.0473466	0.595728	-1.67862	0.226019	0.748091	-1.33674	5.0624	4.17852	0.733692	1
cg21787727	0.986396	1.00127	1.00127	0.124167	0.883362	-1.13204	0.440619	1.06033	1.06033	0.11077	1.13819	1.13819	4.69803	0.412868	0.0781165	1
cg25853777	0.0454077	0.693972	-1.44098	0.000520547	0.422569	-2.36648	0.169648	0.792247	-1.26223	0.245854	0.824308	-1.21314	4.53551	1.82035	0.356761	1
cg18716861	0.00417118	0.398451	-2.50972	0.0144858	0.485756	-2.05865	0.201824	1.38131	1.38131	0.536825	1.16172	1.16172	4.02397	3.66113	0.808739	1
cg08842508	0.0702019	1.35084	1.35084	0.00222774	1.88975	1.88975	0.988929	1.00206	1.00206	0.867085	1.0252	1.0252	7.94286	2.77695	0.31077	1
cg13609973	0.959798	0.991454	-1.00862	0.0110711	1.72025	1.72025	0.975208	1.00531	1.00531	0.36646	0.853866	-1.17114	6.60741	3.03394	0.408153	1
cg25184805	0.118088	0.754151	-1.326	0.00212096	2.05077	2.05077	0.897693	1.02162	1.02162	0.0915348	1.362	1.362	5.0391	2.20655	0.389231	1
cg07167132	0.648938	1.1058	1.1058	0.1496	1.40357	1.40357	0.444056	1.18675	1.18675	0.0738961	1.54826	1.54826	3.91884	2.98859	0.677885	1
cg17813221	0.13814	0.812493	-1.23078	0.92906	1.01165	1.01165	0.00429135	1.64343	1.64343	0.0411125	0.73601	-1.35868	3.86953	1.03675	0.238158	1
cg15973369	0.845923	0.962832	-1.0386	0.00154478	0.412071	-2.42677	0.683079	1.08319	1.08319	0.223302	0.779494	-1.28288	3.73164	2.24007	0.533593	1
cg00094319	0.0734693	0.716503	-1.39567	0.051442	1.44833	1.44833	0.00181421	2.0974	2.0974	0.000393747	2.568	2.568	16.1936	7.15664	0.392837	1
cg13777312	0.924785	1.01297	1.01297	0.0571084	1.34138	1.34138	0.102948	0.783944	-1.2756	0.928241	0.987785	-1.01237	11.8176	3.48449	0.262093	1
cg02113641	0.854207	0.93921	-1.06472	0.006061	0.294635	-3.39403	0.00190922	0.223357	-4.47714	0.390643	1.34973	1.34973	11.4161	21.0184	1.63655	1
cg00018896	0.512342	1.10637	1.10637	0.438013	1.12788	1.12788	0.648281	0.932525	-1.07236	0.000283843	0.405764	-2.46448	10.7794	3.9503	0.325748	1
cg16134678	0.781451	0.871653	-1.14725	0.00280632	0.130855	-7.64207	0.0072585	0.180752	-5.53243	0.249504	1.81203	1.81203	6.83783	26.4192	3.43438	1
cg18583910	0.905502	1.05375	1.05375	0.00429886	0.18575	-5.38357	0.092775	0.442456	-2.26011	0.285799	1.63023	1.63023	6.76246	20.8163	2.7362	1
cg21480165	0.241145	0.483565	-2.06797	0.00731916	0.129052	-7.74881	0.017323	0.179734	-5.56377	0.614686	1.35062	1.35062	6.45681	35.8561	4.9362	1
cg00454993	0.48848	1.37351	1.37351	0.0128909	0.248489	-4.02432	0.00298526	0.159294	-6.27771	0.337098	1.56254	1.56254	5.03718	16.2246	2.86309	1
cg25752797	0.285641	0.74667	-1.33928	0.991864	0.997317	-1.00269	0.0187362	0.472165	-2.1179	0.274643	1.34909	1.34909	4.69568	5.16094	0.976962	1
cg21341928	0.510817	1.30233	1.30233	0.00941049	0.271508	-3.68313	0.020515	0.331047	-3.02072	0.22977	1.64718	1.64718	5.39404	13.4002	2.20822	1
cg11742479	0.401543	0.827298	-1.20875	0.00620605	2.19881	2.19881	0.414051	0.831624	-1.20247	0.851225	1.04233	1.04233	3.53115	2.72689	0.686435	1
cg11224362	0.0154489	5.62688	5.62688	?	?	?	?	?	?	?	?	?	9.71839	9.19151	1.26105	1
cg24142464	0.0932354	0.436976	-2.28845	0.00906172	0.226038	-4.42404	0.0469577	0.360747	-2.77202	0.217385	0.55886	-1.78936	3.43093	10.9232	2.83	1
cg20157644	0.00456926	2.31914	2.31914	0.0335811	0.575231	-1.73843	0.850417	0.958817	-1.04295	0.28604	0.781294	-1.27993	7.88181	6.1941	0.698554	1
cg12425180	0.265114	0.720709	-1.38752	0.0543137	0.5402	-1.85117	0.278572	1.374	1.374	0.136635	0.636218	-1.57179	3.4292	4.3193	1.11961	1
cg15867829	0.710853	0.759612	-1.31646	0.0147946	0.109215	-9.15626	0.529307	0.624649	-1.6009	0.0763827	0.233246	-4.28732	4.44119	38.3492	7.67547	1
cg11815708	0.0932837	1.41511	1.41511	0.693202	1.07742	1.07742	0.931602	1.01628	1.01628	0.0764472	0.690273	-1.4487	4.32588	2.42333	0.497951	1
cg16401529	0.0139307	0.342483	-2.91986	0.0243639	0.38811	-2.57659	0.423595	0.749534	-1.33416	0.032391	0.413276	-2.41969	5.91921	10.3695	1.75183	1
cg23691743	0.00220549	1.73433	1.73433	0.0378464	0.734176	-1.36207	0.200201	0.840598	-1.18963	0.0104796	0.661394	-1.51196	30.3632	7.91855	0.231817	1
cg01979540	0.175021	0.713274	-1.40199	0.138668	0.688384	-1.45268	0.451749	1.19673	1.19673	0.317947	0.785203	-1.27356	6.11383	5.31351	0.772531	1
cg16280098	0.74821	0.971731	-1.02909	0.0987375	0.85113	-1.17491	0.130194	1.15666	1.15666	0.158279	1.14373	1.14373	4.27662	0.536959	0.111606	1
cg07050525	0.323271	0.758275	-1.31878	0.401561	1.26221	1.26221	0.414843	1.25365	1.25365	0.220894	1.4177	1.4177	3.96474	4.61911	1.0356	1
cg17819538	0.258116	0.705049	-1.41834	0.00238554	0.28536	-3.50435	0.197378	1.49718	1.49718	0.371081	0.761843	-1.31261	3.94916	5.48642	1.2349	1
cg04861271	0.0533907	1.34605	1.34605	9.40E-05	0.38951	-2.56733	0.317856	0.869509	-1.15007	7.85E-06	0.265446	-3.76725	58.5242	17	0.258203	1
cg04587581	0.0071422	0.576418	-1.73485	0.0174005	1.58277	1.58277	0.209794	0.810908	-1.23318	0.00745967	0.579069	-1.72691	21.6486	8.62199	0.354018	1
cg00056002	0.19688	0.717562	-1.39361	0.0149787	0.483054	-2.07016	0.407089	1.22912	1.22912	0.0964206	0.641445	-1.55898	7.36516	6.90278	0.833085	1
cg01502457	0.0278268	0.657328	-1.52131	0.00820564	0.579365	-1.72603	0.125216	1.30712	1.30712	0.0126998	0.606631	-1.64845	5.58993	2.30591	0.366676	1
cg06888383	0.000572353	0.583213	-1.71464	0.588432	1.05679	1.05679	0.757834	0.969213	-1.03176	0.545929	1.06374	1.06374	4.68825	0.7591	0.143925	1
cg08999742	0.0281321	0.413041	-2.42107	0.551064	0.814094	-1.22836	0.0688215	2.00258	2.00258	0.0908051	0.529767	-1.88762	4.65844	8.57934	1.63705	1
cg06076690	0.991548	1.00338	1.00338	0.124009	1.70017	1.70017	0.287474	1.42174	1.42174	0.770543	0.911027	-1.09766	3.60101	5.78964	1.42914	1
cg09577425	0.235876	1.45811	1.45811	0.0328614	0.468695	-2.13358	0.759306	0.910916	-1.0978	0.438755	0.786802	-1.27097	7.64395	11.1596	1.29771	1
cg22180298	0.355044	0.783367	-1.27654	0.117668	0.64658	-1.5466	0.963199	0.988229	-1.01191	0.481247	0.832173	-1.20167	4.09152	4.26749	0.92712	1
cg02008828	0.0144512	0.282362	-3.54155	0.11748	0.490005	-2.0408	0.298484	0.636263	-1.57168	0.456939	0.727714	-1.37417	3.60894	10.0612	2.47809	1
cg25462229	0.322258	0.781536	-1.27953	0.269042	1.31982	1.31982	0.929431	1.02158	1.02158	0.314374	1.28507	1.28507	3.49953	3.22094	0.818127	1
cg08555556	0.172648	0.783172	-1.27686	0.0315375	1.529	1.529	0.00679125	1.80522	1.80522	0.261859	0.821176	-1.21777	14.1505	6.35488	0.399192	1
cg06648782	0.821507	0.968654	-1.03236	0.0505402	0.730467	-1.36899	0.0488961	1.37296	1.37296	0.0748342	0.756044	-1.32267	12.6943	3.99371	0.27965	1
cg19390941	0.836494	1.04307	1.04307	7.56E-05	0.231018	-4.32867	0.539738	0.881012	-1.13506	0.67427	0.917357	-1.09009	12.4775	8.22857	0.586199	1
cg25214924	0.0183771	0.70607	-1.41629	0.00624097	1.54284	1.54284	0.299792	1.13965	1.13965	0.197042	0.847121	-1.18047	9.18476	2.15282	0.208348	1
cg14337324	0.824522	1.02021	1.02021	0.00561889	1.38745	1.38745	0.00216838	1.4735	1.4735	0.343739	0.915891	-1.09183	7.67508	0.986357	0.114235	1
cg21763405	0.290794	0.791507	-1.26341	0.528173	1.14604	1.14604	0.0157545	1.87964	1.87964	0.00781805	2.07128	2.07128	7.44511	5.36395	0.640414	1
cg12465250	0.0563068	3.5645	3.5645	0.000318451	30.8104	30.8104	0.0251687	4.78685	4.78685	0.0510732	3.6938	3.6938	6.77385	37.1032	4.86881	1
cg17549725	0.212133	1.20075	1.20075	0.692123	0.946105	-1.05697	0.624986	0.933724	-1.07098	0.353763	0.87563	-1.14203	6.71137	2.05966	0.272793	1
cg03185655	0.284138	0.786728	-1.27109	0.296768	1.26265	1.26265	0.0443804	1.64509	1.64509	0.0111712	1.98489	1.98489	6.59368	4.85338	0.65428	1
cg17566334	0.718536	0.868154	-1.15187	0.923508	0.963179	-1.03823	0.000644992	0.129373	-7.72962	0.0150012	0.310966	-3.21579	6.5032	15.7171	2.14828	1
cg08821968	0.00676764	1.88796	1.88796	0.135436	1.33823	1.33823	0.658832	1.08377	1.08377	0.270354	0.81238	-1.23095	6.10125	3.16738	0.461455	1
cg08310224	0.28775	1.13492	1.13492	0.000313096	1.95438	1.95438	0.139654	1.19993	1.19993	0.131946	0.829901	-1.20496	5.88378	1.22527	0.185107	1
cg27433898	0.0530647	0.76155	-1.31311	0.00164526	1.74802	1.74802	0.123338	0.81314	-1.2298	0.485173	0.915855	-1.09188	5.72365	1.39211	0.216196	1
cg18087491	0.245832	1.18859	1.18859	0.000215115	2.40925	2.40925	0.504245	1.10127	1.10127	0.743218	1.0479	1.0479	5.70433	1.83048	0.285238	1
cg04978831	0.36109	1.21489	1.21489	0.592077	1.11867	1.11867	0.790877	0.946388	-1.05665	0.727676	1.07517	1.07517	4.90098	3.33668	0.605172	1
cg01918552	0.144269	1.30292	1.30292	0.000554743	2.46945	2.46945	0.92793	0.984854	-1.01538	0.584891	1.09753	1.09753	4.88664	2.20267	0.400669	1
cg10023652	0.0112204	0.556201	-1.79791	0.423862	1.16277	1.16277	0.894731	1.02474	1.02474	0.723277	1.06784	1.06784	4.60223	2.4848	0.479923	1
cg23800778	0.370319	0.870242	-1.14911	0.947233	0.990051	-1.01005	0.476997	1.11543	1.11543	0.248507	0.833402	-1.1999	4.47256	1.61668	0.321303	1
cg16309622	0.0264112	0.600894	-1.66419	0.449513	1.16079	1.16079	0.77547	1.05689	1.05689	0.273754	0.802229	-1.24653	4.43697	2.63067	0.52702	1
cg20125846	0.0935925	0.754509	-1.32537	0.00309012	1.85614	1.85614	0.246032	0.830837	-1.20361	0.166029	1.25311	1.25311	4.30364	1.59042	0.328492	1
cg03264366	0.0522884	1.32954	1.32954	0.00301438	1.69006	1.69006	0.877811	1.02005	1.02005	0.071576	1.29645	1.29645	4.2824	1.12941	0.234429	1
cg27232130	0.0563381	1.28312	1.28312	0.0208168	1.37843	1.37843	0.0627757	0.785422	-1.2732	0.395482	0.904483	-1.1056	4.23704	0.893076	0.187358	1
cg03286391	0.117161	0.708973	-1.41049	0.0636146	1.52414	1.52414	0.223424	1.29499	1.29499	0.226229	0.773534	-1.29277	4.15633	2.68821	0.574912	1
cg05104811	0.893656	0.982559	-1.01775	0.00824767	1.55967	1.55967	0.370327	1.12865	1.12865	0.281904	1.15848	1.15848	4.08901	1.12077	0.243639	1
cg12993838	0.222743	1.43342	1.43342	0.00125497	3.75812	3.75812	0.18371	1.48641	1.48641	0.189346	1.47805	1.47805	4.0689	5.08941	1.11183	1
cg17328151	0.165002	1.20666	1.20666	0.00182325	1.75407	1.75407	0.0644566	0.768382	-1.30144	0.609177	0.936692	-1.06759	3.89998	0.993662	0.226477	1
cg02251315	0.0570917	0.509742	-1.96178	0.867072	1.05384	1.05384	0.0559332	1.96961	1.96961	0.0592053	1.94795	1.94795	3.73182	5.79135	1.37945	1
cg22564026	0.0677025	1.37308	1.37308	0.0619228	1.38494	1.38494	0.838762	0.968931	-1.03207	0.800247	0.961484	-1.04006	3.67149	1.39544	0.337845	1
cg24145613	0.25842	0.60917	-1.64158	0.356241	0.671084	-1.49013	0.226185	0.586154	-1.70604	0.55103	1.28859	1.28859	3.64469	10.1987	2.48733	1
cg21926612	0.0304493	0.558944	-1.78909	0.0353223	0.570897	-1.75163	0.918341	1.02373	1.02373	0.231685	1.33228	1.33228	4.93762	4.09027	0.736346	1
cg23799375	0.000471221	0.553152	-1.80782	2.11E-06	0.284832	-3.51084	1.70E-06	0.274535	-3.64252	2.31E-05	0.401548	-2.49036	78.9632	14.526	0.163519	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10102384	PACRG;PACRG;PARK2;PACRG;PARK2;PARK2	1.22E-05	2.18E-05	0.251399	-3.97775	0.378357	1.15749	1.15749	6.83E-05	0.307719	-3.24971	0.720337	0.943486	-1.0599	5.67E-06	0.191032	-5.23471
cg06065608	PACRG;PACRG;PARK2;PACRG;PARK2;PARK2	0.00579716	0.118895	0.508026	-1.9684	0.44039	1.37001	1.37001	0.135337	0.525163	-1.90417	0.696949	1.16951	1.16951	0.00191073	0.172248	-5.80559
cg18566984	PACRG;PACRG;PARK2;PARK2;PACRG;PARK2;PARK2;PARK2;PARK2	0.0057168	0.225645	0.81864	-1.22154	0.21879	0.815948	-1.22557	0.0415045	0.690954	-1.44727	0.321556	1.17475	1.17475	0.687086	0.938303	-1.06575
cg25726357	PACRG;PARK2;PACRG;PACRG;PARK2;PARK2	3.96E-05	0.0588821	0.681285	-1.46781	0.247044	0.804349	-1.24324	6.66E-05	0.268541	-3.72383	0.554425	1.11356	1.11356	7.65E-06	0.170685	-5.85874
cg15976636	PACRG;PARK2;PACRG;PACRG;PARK2;PARK2	0.00275717	0.0621547	0.582436	-1.71693	0.693297	0.902999	-1.10742	0.00445718	0.376638	-2.65507	0.703146	0.906144	-1.10358	0.000144067	0.185305	-5.39651
cg02647406	PACRGL;PACRGL	0.000510562	0.000113105	0.115495	-8.65842	0.0567859	0.503414	-1.98644	0.00196416	0.24835	-4.02658	0.391374	1.32255	1.32255	0.00152863	0.234066	-4.27231
cg17637556	PACRGL;PACRGL	0.0177545	0.0226246	0.688133	-1.45321	0.15732	1.23008	1.23008	0.848588	0.974167	-1.02652	0.3329	0.872166	-1.14657	0.0069609	0.619975	-1.61297
cg04974121	PACRGL;PACRGL	0.0389643	0.921397	0.971654	-1.02917	0.207678	0.679034	-1.47268	0.977877	1.00811	1.00811	0.350409	1.32317	1.32317	0.0199618	0.441188	-2.26661
cg01154775	PACRGL;PACRGL;PACRGL;PACRGL	0.0450664	0.0321857	1.76875	1.76875	0.933037	0.98108	-1.01929	0.8005	0.94407	-1.05924	0.002634	0.388219	-2.57586	0.184903	1.37659	1.37659
cg20737451	PACS1	2.34E-05	0.891555	1.02059	1.02059	0.0578248	0.725819	-1.37775	0.163131	0.800584	-1.24909	3.34E-05	0.300508	-3.3277	2.79E-06	0.18665	-5.35763
cg08440945	PACS1	2.86E-05	0.0164169	1.5436	1.5436	0.236051	1.20178	1.20178	0.494825	1.10807	1.10807	0.0432502	1.41085	1.41085	3.01E-06	0.192737	-5.18842
cg24278087	PACS1	0.000352058	0.000513414	0.43679	-2.28943	0.00096677	0.472176	-2.11785	0.028983	0.674873	-1.48176	0.810854	0.964039	-1.0373	4.70E-05	0.309675	-3.2292
cg13380511	PACS1	0.000374652	0.00172012	0.224508	-4.45418	0.497911	0.794714	-1.25831	0.755418	1.10998	1.10998	0.587949	1.20042	1.20042	2.14E-05	0.0574356	-17.4108
cg01529466	PACS1	0.00371534	0.286984	0.758713	-1.31802	0.0427579	1.79047	1.79047	0.093333	1.58565	1.58565	0.3101	0.769268	-1.29994	0.000254091	0.221917	-4.50619
cg10659216	PACS1	0.0183831	0.953224	1.00598	1.00598	0.317925	1.11061	1.11061	0.00827208	0.709522	-1.4094	0.459223	0.926273	-1.0796	0.451648	1.08105	1.08105
cg02678496	PACS1	0.0243064	0.89695	0.93679	-1.06748	0.00495224	0.153329	-6.52193	0.410127	0.65412	-1.52877	0.0496326	0.323486	-3.09132	0.0165108	0.228558	-4.37525
cg26344026	PACS1	0.0264072	0.418691	0.728909	-1.37191	0.0372185	0.396356	-2.52299	0.613679	0.823005	-1.21506	0.150625	1.80309	1.80309	0.00265765	0.203832	-4.90599
cg05324894	PACS2;PACS2	1.82E-05	0.618255	0.904697	-1.10534	0.0750304	1.48475	1.48475	0.0125233	0.538355	-1.85751	0.972242	0.993087	-1.00696	2.20E-06	0.0991676	-10.0839
cg24016360	PACS2;PACS2	7.67E-05	4.77E-05	0.348191	-2.87198	0.0204167	0.680496	-1.46952	0.661288	0.941074	-1.06262	0.932693	1.0117	1.0117	2.52E-05	0.315979	-3.16476
cg18853010	PACS2;PACS2	0.000268182	0.192597	0.870646	-1.14857	4.36E-05	0.458888	-2.17918	0.00223738	0.650532	-1.5372	0.0591501	1.23865	1.23865	0.0435956	0.792109	-1.26245
cg25582924	PACS2;PACS2	0.00043257	0.428068	1.1789	1.1789	1.61E-05	0.163882	-6.10194	0.00141179	0.390593	-2.56021	0.145904	0.727919	-1.37378	0.875079	0.968504	-1.03252
cg18954339	PACS2;PACS2	0.000436884	0.496272	1.03858	1.03858	0.49935	0.963122	-1.03829	0.0123158	0.842995	-1.18625	0.987021	1.00089	1.00089	0.00152229	0.778697	-1.2842
cg05048426	PACS2;PACS2	0.000511698	0.00270337	0.502886	-1.98852	9.49E-05	3.16845	3.16845	0.0720442	0.71673	-1.39523	0.0109574	1.69819	1.69819	0.0263149	0.645952	-1.5481
cg26361513	PACS2;PACS2	0.00174317	0.878032	0.973998	-1.0267	0.000118118	0.314719	-3.17744	0.702308	0.936241	-1.0681	0.351118	1.17896	1.17896	0.0800444	0.716632	-1.39542
cg04926668	PACS2;PACS2	0.00307777	0.0068433	0.757211	-1.32064	0.487113	0.945483	-1.05766	0.217773	1.10843	1.10843	0.211557	1.11015	1.11015	0.00613984	1.32829	1.32829
cg21170836	PACS2;PACS2	0.00369772	0.0252246	0.520432	-1.92148	0.000419354	3.94483	3.94483	0.908956	1.02847	1.02847	0.225488	1.36668	1.36668	0.00709797	0.425879	-2.34808
cg16467990	PACS2;PACS2	0.00461715	0.281564	1.21515	1.21515	0.00900295	0.560869	-1.78295	0.371002	0.852185	-1.17345	0.150152	0.764445	-1.30814	0.00173158	0.459273	-2.17736
cg27237420	PACS2;PACS2	0.00497358	0.000870482	0.35032	-2.85454	0.0327975	0.591921	-1.68941	0.34498	1.22661	1.22661	0.0192207	1.81266	1.81266	0.836686	1.0443	1.0443
cg13276896	PACS2;PACS2	0.00547432	0.34939	0.578385	-1.72895	0.951635	0.966112	-1.03508	0.692485	0.797776	-1.25348	0.857356	0.902794	-1.10767	0.731512	1.21623	1.21623
cg01550215	PACS2;PACS2	0.00549528	0.360939	0.775497	-1.28949	0.250255	1.38439	1.38439	0.528362	0.841192	-1.18879	0.845311	0.948493	-1.0543	8.06E-05	0.145673	-6.86467
cg22908922	PACS2;PACS2	0.00792654	0.23823	0.731354	-1.36733	0.241115	1.36447	1.36447	0.0857664	0.618228	-1.61753	0.0613732	0.586382	-1.70537	0.603345	0.87568	-1.14197
cg10051299	PACS2;PACS2	0.0080716	0.841996	1.04033	1.04033	0.232647	1.28138	1.28138	0.467406	1.15775	1.15775	0.316684	1.22759	1.22759	0.897953	0.974904	-1.02574
cg16419054	PACS2;PACS2	0.00892	0.0355106	2.76247	2.76247	0.00262535	5.63551	5.63551	0.0167591	3.36014	3.36014	0.0436859	2.61865	2.61865	0.252634	1.64222	1.64222
cg21548869	PACS2;PACS2	0.00933529	0.0536122	0.455535	-2.19522	0.303008	1.46632	1.46632	0.14038	0.566083	-1.76653	0.795983	0.911238	-1.09741	0.000296402	0.120805	-8.27779
cg07473223	PACS2;PACS2	0.00965429	0.377453	0.830874	-1.20355	0.540152	0.880841	-1.13528	0.198754	0.757425	-1.32026	0.0158958	0.546528	-1.82973	0.000219024	0.283518	-3.52712
cg04717703	PACS2;PACS2	0.0105136	0.820511	0.930893	-1.07424	0.0117855	0.371154	-2.6943	0.897061	0.960034	-1.04163	0.0265369	0.436669	-2.29006	0.00722608	0.335447	-2.9811
cg26226702	PACS2;PACS2	0.0136245	0.0360973	0.513485	-1.94748	0.00324103	2.99816	2.99816	0.276263	1.363	1.363	0.357522	1.29531	1.29531	0.769607	0.922829	-1.08362
cg00832329	PACS2;PACS2	0.0142742	0.891617	0.961157	-1.04041	0.646244	0.874329	-1.14373	0.0657128	0.548732	-1.82238	0.0350957	2.04094	2.04094	0.0354423	0.490843	-2.03731
cg12158535	PACS2;PACS2	0.0153145	0.305636	0.77247	-1.29455	0.0117308	0.464747	-2.15171	0.470356	0.836324	-1.19571	0.38923	0.80674	-1.23956	0.000692353	0.283601	-3.52609
cg24185850	PACS2;PACS2	0.0162408	0.042578	3.42261	3.42261	0.00960791	5.62709	5.62709	0.0105061	5.45669	5.45669	0.0627942	3.01387	3.01387	0.174954	2.1388	2.1388
cg23520889	PACS2;PACS2	0.0177967	0.0732781	0.670787	-1.49079	0.0370755	1.62251	1.62251	0.588602	1.11535	1.11535	0.094424	1.4442	1.4442	0.00288069	0.440683	-2.26921
cg10348368	PACS2;PACS2	0.0181942	0.316736	1.27816	1.27816	0.528977	0.859645	-1.16327	0.00049068	0.273975	-3.64997	0.844897	1.04754	1.04754	0.683923	1.10192	1.10192
cg11028291	PACS2;PACS2	0.0190325	0.0420643	0.649603	-1.5394	0.1015	1.39125	1.39125	0.0343995	0.634809	-1.57528	0.95582	1.01026	1.01026	0.0607726	1.47596	1.47596
cg26677958	PACS2;PACS2	0.0205137	0.226055	0.786094	-1.27211	0.010038	0.540499	-1.85014	0.602309	0.905257	-1.10466	0.25871	1.24996	1.24996	0.0418133	0.641346	-1.55922
cg19769147	PACS2;PACS2	0.0205205	0.519566	1.26186	1.26186	0.724157	0.881406	-1.13455	0.0330956	0.411621	-2.42942	0.612748	1.19942	1.19942	0.0955927	0.520879	-1.91983
cg18568335	PACS2;PACS2	0.0277427	0.151109	0.678782	-1.47323	0.439215	0.819804	-1.2198	0.00265884	0.351102	-2.84817	0.246942	0.737196	-1.35649	0.296468	0.761377	-1.31341
cg00007226	PACS2;PACS2	0.0308524	0.181233	0.876929	-1.14034	0.403357	0.923927	-1.08234	0.0684216	1.20775	1.20775	0.578421	1.05331	1.05331	0.846178	0.98219	-1.01813
cg01900788	PACS2;PACS2	0.0310116	0.6288	0.933131	-1.07166	0.365289	1.1413	1.1413	0.318451	1.15778	1.15778	0.0737089	1.32745	1.32745	0.16238	0.809024	-1.23606
cg26376835	PACS2;PACS2	0.0321691	0.302299	0.779344	-1.28313	0.0433961	0.581608	-1.71937	0.369131	0.806386	-1.2401	0.973066	0.992154	-1.00791	0.0100657	0.468729	-2.13343
cg25109719	PACS2;PACS2	0.0350439	0.143039	0.809447	-1.23541	0.575624	1.07892	1.07892	0.605388	0.932392	-1.07251	0.575016	1.07905	1.07905	0.185262	0.82805	-1.20766
cg18239942	PACS2;PACS2	0.0360792	0.0319437	5.03548	5.03548	0.0226244	5.78581	5.78581	0.00650003	9.72526	9.72526	0.0830295	3.43583	3.43583	0.123221	2.92663	2.92663
cg13808183	PACS2;PACS2	0.0371177	0.0562311	2.98144	2.98144	0.00772053	5.63587	5.63587	0.0609737	2.90659	2.90659	0.94569	1.03502	1.03502	0.580456	0.754223	-1.32587
cg16092330	PACS2;PACS2	0.0400022	0.748771	0.919128	-1.08799	0.404771	1.25072	1.25072	0.567551	1.16375	1.16375	0.590315	0.867063	-1.15332	0.0610641	0.574649	-1.74019
cg06438577	PACS2;PACS2	0.0416074	0.900516	1.02115	1.02115	0.268594	0.824638	-1.21265	0.00237852	0.492211	-2.03165	?	?	?	0.523171	0.89738	-1.11436
cg07086947	PACS2;PACS2	0.0430775	0.266158	1.49991	1.49991	0.00127694	0.193258	-5.17443	0.0965143	0.528104	-1.89356	0.894006	1.04775	1.04775	0.438627	0.758499	-1.31839
cg06783197	PACS2;PACS2	0.046453	0.00987002	0.193946	-5.15608	0.356504	1.61129	1.61129	0.350765	0.616874	-1.62108	0.0272204	0.268567	-3.72346	0.0570413	0.338543	-2.95383
cg24172675	PACS2;PACS2	0.0496673	0.0161359	0.337864	-2.95977	0.626233	0.834491	-1.19834	0.0742972	0.480415	-2.08153	0.329137	0.689859	-1.44957	0.00511259	0.255704	-3.91077
cg26815396	PACSIN1	0.00330152	0.601855	0.904912	-1.10508	0.04535	0.646782	-1.54612	0.20462	0.775637	-1.28926	0.0152272	1.76078	1.76078	0.0195624	0.585362	-1.70834
cg25473981	PACSIN1	0.00612275	0.0240685	0.764451	-1.30813	0.848799	0.981128	-1.01924	0.000786522	0.602506	-1.65973	0.0318741	1.28538	1.28538	0.544664	1.06312	1.06312
cg12319871	PACSIN1	0.00642761	0.520112	0.867088	-1.15329	0.119181	1.44761	1.44761	0.000286597	0.27384	-3.65177	0.262425	1.29124	1.29124	0.292385	1.26992	1.26992
cg09139128	PACSIN1	0.00688864	0.0237025	0.343732	-2.90924	0.442144	1.36332	1.36332	0.0446764	0.401907	-2.48814	0.0920876	0.480322	-2.08194	0.00354194	0.209453	-4.77434
cg23801885	PACSIN1	0.0167403	0.0784752	0.465544	-2.14803	0.172021	0.566276	-1.76592	0.00694128	0.255018	-3.92129	0.627906	0.826092	-1.21052	0.0468399	0.410598	-2.43547
cg03409108	PACSIN1	0.0280039	0.914997	0.975102	-1.02553	0.0808955	0.633142	-1.57942	0.0111845	0.472007	-2.11861	0.028262	0.542469	-1.84342	0.336901	1.2634	1.2634
cg05994148	PACSIN1	0.0396872	?	?	?	0.486733	0.669419	-1.49383	0.840699	0.892219	-1.1208	0.0886617	0.339439	-2.94603	0.0748095	0.318732	-3.13743
cg10603235	PACSIN2	0.00413878	0.314932	0.706001	-1.41643	0.705391	1.13569	1.13569	0.0251467	0.409742	-2.44056	0.376423	0.737792	-1.3554	0.00938925	0.331757	-3.01426
cg18919659	PACSIN2	0.0114746	0.00430255	0.180625	-5.53633	0.0957019	0.440285	-2.27126	0.0649952	0.395018	-2.53153	0.0496364	0.36644	-2.72896	0.027789	0.311686	-3.20836
cg03493547	PACSIN3	0.000284122	0.23619	0.882306	-1.13339	0.0430366	0.790679	-1.26474	0.00203608	0.644846	-1.55076	0.894984	0.986766	-1.01341	3.54E-06	0.333374	-2.99963
cg23433285	PACSIN3	0.0014208	0.0108906	0.346873	-2.8829	0.233069	1.51309	1.51309	0.00683543	0.313349	-3.19133	0.393151	1.33608	1.33608	0.00808656	0.325163	-3.07538
cg08300419	PACSIN3	0.00466437	0.967677	1.00884	1.00884	0.69202	1.09034	1.09034	0.835141	0.955737	-1.04631	0.00677543	2.14338	2.14338	0.897845	0.972482	-1.0283
cg16541628	PACSIN3	0.00759845	0.00321807	0.407611	-2.45332	0.332482	1.25004	1.25004	0.0150398	1.94861	1.94861	0.0918646	0.66083	-1.51325	0.0307374	0.567528	-1.76203
cg09147846	PACSIN3	0.0204651	0.296691	0.842354	-1.18715	0.303232	1.18422	1.18422	0.0126979	0.611963	-1.63408	0.00709836	0.576083	-1.73586	0.0501376	0.701794	-1.42492
cg12726298	PACSIN3	0.0220687	0.865063	0.976972	-1.02357	0.00126358	1.90518	1.90518	0.35631	0.878133	-1.13878	0.356974	0.878299	-1.13856	0.126753	0.797521	-1.25389
cg15026026	PACSIN3	0.0263528	0.344801	0.889838	-1.1238	0.176727	1.18797	1.18797	0.355816	1.12067	1.12067	0.481471	0.917756	-1.08961	0.0125064	0.68889	-1.45161
cg24779587	PACSIN3	0.0270759	0.122029	0.668923	-1.49494	0.00245973	2.7469	2.7469	0.282545	1.30721	1.30721	0.724289	0.918545	-1.08868	0.20264	0.724198	-1.38084
cg25462903	PACSIN3	0.0471329	0.389097	0.770619	-1.29766	0.669975	0.881122	-1.13492	0.627683	1.15521	1.15521	0.107586	1.67937	1.67937	0.480525	1.23577	1.23577
cg21010178	PADI1	0.000127193	0.165282	0.714755	-1.39908	0.129568	0.68964	-1.45003	0.691856	1.0946	1.0946	0.191343	0.7306	-1.36874	1.31E-05	0.125675	-7.95701
cg22193702	PADI1	0.000464091	0.000641387	0.401065	-2.49336	0.557769	1.1089	1.1089	0.687768	0.93198	-1.07298	0.20184	1.2649	1.2649	0.0024299	0.479048	-2.08747
cg06059147	PADI1	0.00164459	0.207236	0.700615	-1.42732	0.512685	1.19437	1.19437	0.00156651	0.296587	-3.37169	0.032134	0.510971	-1.95706	0.00273719	0.3308	-3.02297
cg24934408	PADI1	0.00248826	0.0310803	0.342689	-2.9181	0.0417091	0.370291	-2.70058	0.756754	1.14052	1.14052	0.58666	1.26151	1.26151	0.00141055	0.141422	-7.07103
cg00954039	PADI1	0.00930263	0.0398929	0.595403	-1.67953	0.00463389	2.27559	2.27559	0.899184	1.02805	1.02805	0.826858	0.953306	-1.04898	0.115804	0.688564	-1.4523
cg03113358	PADI1	0.00971275	0.0596564	1.96157	1.96157	0.009231	2.85062	2.85062	0.143913	0.607921	-1.64495	0.0668388	0.521355	-1.91808	0.0416666	0.475017	-2.10519
cg10778072	PADI1	0.0117923	0.029216	0.330125	-3.02916	0.0328961	0.340835	-2.93397	0.0253162	0.3176	-3.14861	0.0369478	0.351634	-2.84386	0.00362078	0.182964	-5.46555
cg23213951	PADI1	0.0166083	0.352738	0.745592	-1.34122	0.373389	0.755376	-1.32384	0.0143802	0.396008	-2.5252	0.00264726	0.278901	-3.5855	0.00470454	0.315619	-3.16838
cg12654045	PADI1	0.0274416	0.0824432	0.460776	-2.17025	0.44333	0.729924	-1.37001	0.0229984	0.334435	-2.99012	0.462578	0.739928	-1.35148	0.00383249	0.208034	-4.8069
cg24724618	PADI1	0.0379794	0.00574322	0.309278	-3.23334	0.263367	1.45927	1.45927	0.705719	0.884296	-1.13084	0.769044	0.908976	-1.10014	0.00601919	0.31247	-3.20031
cg14524955	PADI1;PADI1	0.00291709	0.826708	1.04159	1.04159	0.0243788	1.64641	1.64641	0.00331839	0.475592	-2.10264	0.0187902	0.58913	-1.69742	0.00610726	0.514176	-1.94486
cg09313801	PADI2	1.39E-05	0.533551	1.04765	1.04765	0.136345	1.12578	1.12578	0.00641664	1.2992	1.2992	0.000862736	0.691251	-1.44665	0.00116996	0.70347	-1.42152
cg15185794	PADI2	8.09E-05	0.712555	1.02117	1.02117	9.18E-05	1.48508	1.48508	0.0450035	1.1391	1.1391	4.67E-06	1.81165	1.81165	0.00516903	1.23247	1.23247
cg10233913	PADI2	0.000112551	0.00401874	0.564246	-1.77228	0.120802	1.28289	1.28289	0.000111575	0.365701	-2.73448	1.35E-05	3.84996	3.84996	0.900517	1.01869	1.01869
cg03601920	PADI2	0.00900458	0.31127	0.55207	-1.81136	0.581439	0.729238	-1.37129	0.228505	0.488346	-2.04773	0.00412751	8.8576	8.8576	0.0437882	3.72176	3.72176
cg18228326	PADI2	0.0279291	0.164017	1.26718	1.26718	0.0166251	1.59414	1.59414	0.141626	1.2866	1.2866	0.0121323	1.64633	1.64633	0.860099	0.972262	-1.02853
cg21930668	PADI3	3.06E-05	0.000121096	0.394728	-2.53339	0.700465	1.05497	1.05497	1.23E-06	0.176897	-5.653	0.0235502	1.4541	1.4541	0.0276537	0.697363	-1.43397
cg11534596	PADI3	5.17E-05	0.000171388	0.476002	-2.10083	0.0497457	0.770914	-1.29716	0.00120804	0.576368	-1.735	3.33E-05	0.392313	-2.54898	0.000928479	0.562854	-1.77666
cg14664242	PADI3	0.00133547	0.0151462	0.481832	-2.07541	0.000498116	0.263682	-3.79245	0.0815768	0.623553	-1.60371	0.134464	0.673752	-1.48423	0.00043545	0.256507	-3.89853
cg08277548	PADI3	0.00141211	0.00167359	0.202172	-4.94628	0.0111089	0.322216	-3.10351	0.300879	1.46423	1.46423	0.00335392	0.241764	-4.13626	0.000311524	0.124892	-8.00692
cg00025357	PADI3	0.0116647	0.00711382	0.0842875	-11.8642	0.00814602	0.0898566	-11.1288	0.0843187	0.257035	-3.89052	0.0325895	0.168739	-5.9263	0.00451406	0.0677084	-14.7692
cg21966975	PADI3	0.0189855	0.0130781	0.367041	-2.72449	0.0546413	0.49174	-2.0336	0.0785472	0.529287	-1.88933	0.0818818	0.533789	-1.8734	0.00702149	0.321451	-3.1109
cg03612692	PADI3	0.0232196	0.031959	0.290472	-3.44267	0.0204845	0.253235	-3.94891	?	?	?	0.0536209	0.340267	-2.93887	0.00646455	0.175232	-5.70671
cg12858514	PADI3;PADI3	0.000109304	0.0260379	0.689986	-1.44931	0.000137096	0.39588	-2.52602	0.000158238	0.403479	-2.47844	0.0379957	0.713223	-1.40209	0.000308519	0.439213	-2.2768
cg02053132	PADI4	1.52E-05	0.0605579	0.83334	-1.19999	0.177547	1.13141	1.13141	0.0322922	1.24108	1.24108	0.00123947	1.50186	1.50186	0.0242456	0.7934	-1.2604
cg16091981	PADI4	0.00063274	0.171186	0.810934	-1.23315	0.395207	1.13343	1.13343	8.21E-05	0.36031	-2.77539	0.013096	0.642345	-1.5568	0.0697872	1.33866	1.33866
cg26918754	PADI4	0.00319132	0.0212481	1.69167	1.69167	0.0036478	2.10971	2.10971	0.120572	0.726408	-1.37664	0.154494	1.33555	1.33555	0.131092	1.36272	1.36272
cg23228178	PADI4	0.00467234	0.00215999	0.235903	-4.23902	0.0419213	0.45549	-2.19544	0.0328487	0.432892	-2.31005	0.383141	0.740839	-1.34982	0.133781	0.581347	-1.72014
cg19159961	PADI4	0.00568033	0.0510837	0.517737	-1.93148	0.287119	0.720731	-1.38748	0.000955588	0.232639	-4.2985	0.704704	1.11942	1.11942	0.00883868	0.372483	-2.68468
cg15110219	PADI4	0.0144381	0.517129	0.784507	-1.27469	0.627254	1.19821	1.19821	0.00410067	0.240975	-4.14981	0.735053	0.88204	-1.13374	0.02847	0.384646	-2.59979
cg00702325	PADI4	0.0284955	0.812328	1.10011	1.10011	0.0270947	0.35009	-2.85641	0.101714	0.487392	-2.05174	0.837958	0.921141	-1.08561	0.000966011	0.139333	-7.17703
cg17785802	PADI4	0.0400763	0.408426	0.606205	-1.64961	0.00988639	0.145201	-6.88698	0.316233	0.541508	-1.84669	0.0305445	0.222117	-4.50214	0.00319867	0.0923212	-10.8317
cg01790353	PADI4	0.0425943	0.0170963	0.364538	-2.7432	0.268323	0.670143	-1.49222	0.161238	0.594863	-1.68106	0.207872	0.630647	-1.58567	0.00478644	0.272551	-3.66903
cg09858508	PADI6	9.21E-08	0.0430561	0.815912	-1.22562	5.97E-08	0.199138	-5.02164	4.84E-08	0.190666	-5.24478	0.749112	1.02844	1.02844	1.34E-08	0.142177	-7.03349
cg07319613	PADI6	0.000329405	0.000818206	0.294995	-3.38989	0.0335456	0.548274	-1.8239	0.000467149	0.264088	-3.78662	4.60E-05	0.155149	-6.4454	0.0172689	0.495607	-2.01773
cg00298399	PADI6	0.00551461	0.693674	0.909049	-1.10005	0.642154	0.893395	-1.11933	0.00213891	0.353815	-2.82634	0.13057	0.674832	-1.48185	0.0540566	0.59054	-1.69337
cg21857822	PADI6	0.0199619	0.890527	0.943279	-1.06013	0.395866	1.44583	1.44583	0.55183	1.29078	1.29078	0.00364796	0.18874	-5.29829	0.00187538	0.154158	-6.48685
cg07677446	PADI6	0.0204878	0.032344	0.401466	-2.49087	0.0227516	0.370524	-2.69888	0.0581699	0.458509	-2.18098	0.195925	0.607696	-1.64556	0.00115062	0.175524	-5.69724
cg19626213	PADI6	0.0240004	0.0484931	0.34988	-2.85813	0.0789706	0.403015	-2.4813	0.0119053	0.231685	-4.3162	0.0570449	0.366714	-2.72692	0.00245419	0.140423	-7.12132
cg13879177	PADI6	0.0413098	0.690112	1.12611	1.12611	0.0088886	0.372808	-2.68234	0.00852513	0.369784	-2.70428	0.993363	0.997538	-1.00247	0.0193078	0.43232	-2.3131
cg13831723	PAEP;PAEP	4.15E-07	0.860596	1.0231	1.0231	2.54E-05	0.337687	-2.96132	8.47E-06	0.283823	-3.52333	1.04E-05	0.29351	-3.40704	5.90E-07	0.167372	-5.97473
cg14595462	PAEP;PAEP	5.34E-05	0.960828	1.00731	1.00731	0.0307328	1.45725	1.45725	0.000243627	0.406574	-2.45958	0.627649	0.930041	-1.07522	3.29E-05	0.302251	-3.3085
cg14532484	PAEP;PAEP	0.00129587	0.650125	0.861053	-1.16137	0.464833	0.78372	-1.27597	0.0108522	0.350646	-2.85188	0.00697522	0.318756	-3.13719	0.0119653	0.357995	-2.79334
cg03264414	PAEP;PAEP	0.0026807	0.196826	1.51091	1.51091	0.000645124	0.205284	-4.87129	0.00307759	0.293607	-3.40592	0.0904808	0.568827	-1.75801	0.00162399	0.255122	-3.91969
cg12165563	PAF1	0.000298706	0.236666	0.771003	-1.29701	1.26E-05	0.14538	-6.87854	0.00995131	0.5052	-1.97941	0.495983	0.865027	-1.15603	0.00611126	0.472086	-2.11826
cg12659027	PAF1;MED29	0.0258504	0.216308	0.457723	-2.18473	0.706679	1.25492	1.25492	0.31146	0.533149	-1.87565	0.354828	0.564555	-1.77131	0.0011899	0.0576103	-17.358
cg04957146	PAFAH1B1	3.73E-05	0.00338359	0.535144	-1.86866	0.00173959	0.496308	-2.01488	0.881898	0.976946	-1.0236	7.13E-05	0.321171	-3.11361	9.94E-07	0.132988	-7.51945
cg02621988	PAFAH1B1	0.00232739	0.237132	1.14581	1.14581	0.704892	1.0427	1.0427	0.00762521	1.45792	1.45792	0.0118945	1.412	1.412	0.639714	1.05318	1.05318
cg03234603	PAFAH1B1	0.00512963	0.101714	0.576084	-1.73586	0.583759	1.18569	1.18569	0.242207	1.45758	1.45758	0.0132772	2.57166	2.57166	0.00258856	0.276586	-3.61552
cg18688522	PAFAH1B1	0.00838544	0.0122407	0.597842	-1.67268	0.321966	1.18371	1.18371	0.0185826	1.60066	1.60066	0.0254384	0.645456	-1.54929	0.766478	0.952093	-1.05032
cg05577020	PAFAH1B1	0.0270759	0.266867	1.3615	1.3615	0.0496922	1.81713	1.81713	0.600381	1.15143	1.15143	0.344393	1.29669	1.29669	0.00667584	0.391092	-2.55695
cg10595406	PAFAH1B1	0.0435977	0.128568	1.69522	1.69522	0.0196492	2.47356	2.47356	0.402304	0.759255	-1.31708	0.252212	1.46862	1.46862	0.893239	1.04409	1.04409
cg00441709	PAFAH1B1	0.0456572	0.0730629	0.528339	-1.89273	0.289159	0.703883	-1.42069	0.174864	0.630953	-1.5849	0.0195974	0.406549	-2.45973	0.260042	0.687328	-1.45491
cg18981946	PAFAH1B2	3.61E-05	6.02E-07	0.0974378	-10.263	0.163232	1.28723	1.28723	0.0182082	1.62644	1.62644	0.0264075	1.56307	1.56307	0.157593	0.773842	-1.29225
cg17988623	PAFAH1B2	0.000109889	0.0384174	1.16702	1.16702	8.17E-05	0.632985	-1.57982	0.00690792	0.798413	-1.25248	0.776341	0.981828	-1.01851	0.276387	1.07562	1.07562
cg13046003	PAFAH1B2	0.00763243	0.0187158	0.547102	-1.82781	0.904879	0.975013	-1.02563	0.0809198	1.5063	1.5063	0.321917	0.805255	-1.24184	0.000776435	0.340782	-2.93442
cg06404838	PAFAH1B2	0.00952667	0.287432	0.925199	-1.08085	0.931682	1.00602	1.00602	0.722014	0.975294	-1.02533	0.0314311	0.834313	-1.19859	0.000818225	1.45936	1.45936
cg03805364	PAFAH1B2	0.0207396	0.173299	0.86645	-1.15413	0.00221188	1.52855	1.52855	0.179145	1.15164	1.15164	0.107484	0.840462	-1.18982	0.57375	1.05785	1.05785
cg10398005	PAFAH1B2	0.0211374	0.281467	0.890266	-1.12326	0.0330872	1.2953	1.2953	0.0437444	1.27215	1.27215	0.84299	1.02081	1.02081	0.604553	0.947196	-1.05575
cg11919479	PAFAH1B3;PAFAH1B3;PAFAH1B3	0.011428	0.010155	0.17722	-5.6427	0.00982138	0.175169	-5.70877	0.0456066	0.294241	-3.39858	0.211971	0.495732	-2.01722	0.00465932	0.134215	-7.45072
cg17863352	PAFAH1B3;PAFAH1B3;PAFAH1B3;PRR19;PRR19;PAFAH1B3	0.0281387	0.0960936	2.19528	2.19528	0.198065	1.79557	1.79557	0.0800966	2.30592	2.30592	0.0738472	2.35683	2.35683	0.0942054	2.20711	2.20711

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10102384	0.391639	0.867598	-1.15261	6.66E-06	0.197872	-5.05376	3.26E-05	0.270693	-3.69422	0.000210853	0.366928	-2.72533	38.5646	15.9939	0.368648	1
cg06065608	0.529072	0.774813	-1.29063	0.00071926	0.127532	-7.84115	0.00498066	0.225981	-4.42514	0.0344045	0.372613	-2.68375	7.01314	17.7811	2.25368	1
cg18566984	0.762334	1.04886	1.04886	8.82E-05	0.331256	-3.01882	0.859725	1.02821	1.02821	0.69754	1.06335	1.06335	7.04335	2.75889	0.348179	1
cg25726357	0.000233316	0.333533	-2.99821	1.08E-05	0.185081	-5.40303	0.716456	0.936494	-1.06781	0.000722089	0.396416	-2.5226	28.3051	14.5052	0.45552	1
cg15976636	0.00304392	0.351687	-2.84344	0.00311924	0.353257	-2.8308	0.489998	0.83485	-1.19782	0.204226	0.708297	-1.41184	8.77489	9.20871	0.932834	1
cg02647406	0.0012427	0.222668	-4.491	0.00114221	0.218129	-4.58444	0.290435	1.41802	1.41802	0.00172797	0.240983	-4.14967	14.2079	22.8033	1.42665	1
cg17637556	0.995746	1.00073	1.00073	0.00279994	0.568908	-1.75775	0.0339596	0.712499	-1.40351	0.194215	0.828556	-1.20692	4.89768	1.45446	0.263973	1
cg04974121	0.480244	0.811338	-1.23253	0.0476561	0.516914	-1.93456	0.0315695	0.479749	-2.08442	0.00439287	0.330175	-3.0287	3.71883	4.99967	1.19504	1
cg01154775	0.576994	0.879782	-1.13665	0.908565	0.974224	-1.02646	0.981358	0.994703	-1.00532	0.307855	0.786691	-1.27115	3.52358	2.88318	0.727337	1
cg20737451	4.41E-06	0.205897	-4.8568	0.389699	1.14077	1.14077	0.487982	0.900078	-1.11101	0.0122375	0.627306	-1.59412	32.5235	11.4992	0.314279	1
cg08440945	0.971952	1.00522	1.00522	0.0356605	1.43612	1.43612	0.14644	0.793935	-1.25955	7.91E-06	0.23497	-4.25586	30.8527	10.7078	0.3085	1
cg24278087	0.00849073	1.67057	1.67057	0.168466	1.25127	1.25127	0.218767	0.820717	-1.21845	0.0188432	0.647535	-1.54432	15.7439	5.81796	0.328479	1
cg13380511	0.174535	1.61975	1.61975	0.00862171	3.06014	3.06014	0.0092845	3.0108	3.0108	0.522559	1.2416	1.2416	15.4768	27.3323	1.56979	1
cg01529466	0.12527	0.660734	-1.51347	0.00312293	0.364444	-2.7439	0.638946	0.888677	-1.12527	0.241299	0.736135	-1.35845	8.02883	7.93167	0.878133	1
cg10659216	0.0328169	0.775893	-1.28884	0.00287854	1.51679	1.51679	0.921436	1.01008	1.01008	0.690545	1.04151	1.04151	4.84069	0.791793	0.145396	1
cg02678496	0.521944	0.721039	-1.38689	0.0054016	0.157968	-6.3304	0.316744	0.593593	-1.68466	0.0158196	0.22544	-4.43577	4.40001	17.6958	3.57489	1
cg26344026	0.207957	0.601671	-1.66204	0.0301721	0.377011	-2.65244	0.155775	1.78807	1.78807	0.643669	0.836735	-1.19512	4.27478	9.91361	2.06141	1
cg05324894	0.786862	1.05552	1.05552	1.40E-06	0.0862287	-11.5971	0.467083	0.862838	-1.15897	0.613971	1.10672	1.10672	34.7024	21.8438	0.559521	1
cg24016360	0.00141775	0.529297	-1.8893	6.75E-05	0.365991	-2.73231	0.000205738	0.424619	-2.35505	0.000299553	0.444718	-2.24862	23.763	7.14186	0.267151	1
cg18853010	0.0413204	0.789465	-1.26668	0.000278156	1.81741	1.81741	0.248682	1.12876	1.12876	0.619563	1.05156	1.05156	16.9621	2.71051	0.142043	1
cg25582924	0.017203	0.554063	-1.80485	0.166121	1.35037	1.35037	0.198787	0.758647	-1.31814	0.0166671	1.81226	1.81226	14.8753	9.74812	0.582509	1
cg18954339	0.573444	0.969309	-1.03166	4.84E-05	0.657837	-1.52013	0.00073658	1.32444	1.32444	0.254138	1.06743	1.06743	14.8346	0.705452	0.0422707	1
cg05048426	0.0589981	0.702097	-1.42431	0.00468611	0.536061	-1.86546	0.104629	0.745116	-1.34207	0.103121	0.743983	-1.34412	14.1991	6.18726	0.387333	1
cg26361513	0.520886	1.11811	1.11811	0.00169631	2.15817	2.15817	0.0704407	1.41465	1.41465	0.246798	1.23093	1.23093	10.0347	4.6776	0.41435	1
cg04926668	0.566521	0.955039	-1.04708	0.000416155	1.55979	1.55979	0.0678531	1.17633	1.17633	0.0222088	1.24316	1.24316	8.49332	0.848036	0.0887533	1
cg21170836	0.0373632	0.552714	-1.80925	0.756933	1.07917	1.07917	0.320927	1.28617	1.28617	0.158125	0.690525	-1.44817	8.04029	7.66905	0.847847	1
cg16467990	0.00308578	0.494003	-2.02428	0.0245901	0.627394	-1.5939	0.00117028	0.436211	-2.29247	0.623827	0.917529	-1.08988	7.51882	3.61056	0.426847	1
cg27237420	0.853309	1.03963	1.03963	0.0134363	1.90168	1.90168	0.029326	1.71436	1.71436	0.696004	1.08595	1.08595	7.35047	5.13341	0.620781	1
cg13276896	8.77E-05	0.0183831	-54.3978	0.122136	2.59162	2.59162	0.189632	0.453995	-2.20267	0.247488	1.98822	1.98822	7.1378	36.5196	4.54788	1
cg01550215	0.533109	0.842908	-1.18637	0.113194	0.627075	-1.5947	0.797819	1.07197	1.07197	0.244027	1.39092	1.39092	7.12944	8.27548	1.03178	1
cg22908922	0.000732396	0.272582	-3.66862	0.00852563	2.33991	2.33991	0.356399	1.27154	1.27154	0.420802	0.811979	-1.23156	6.36258	6.46287	0.902899	1
cg10051299	0.0325748	1.64135	1.64135	0.000352573	0.320722	-3.11796	0.0482984	0.639537	-1.56363	0.404648	1.18401	1.18401	6.32638	3.93179	0.552437	1
cg16419054	0.0175816	3.31791	3.31791	0.000831055	8.0757	8.0757	0.0900178	2.17212	2.17212	0.0277944	2.94341	2.94341	6.12971	16.7309	2.4262	1
cg21548869	0.0571779	0.462119	-2.16395	0.133445	1.78732	1.78732	0.478126	0.772043	-1.29526	0.671044	1.16563	1.16563	6.04174	12.3149	1.81183	1
cg07473223	0.0491817	0.631691	-1.58305	0.325748	1.23071	1.23071	0.243604	0.779112	-1.28351	0.887906	0.971559	-1.02927	5.97741	3.96234	0.589231	1
cg04717703	0.00724578	0.335638	-2.9794	0.0165536	2.5154	2.5154	0.655266	1.15212	1.15212	0.373068	0.749653	-1.33395	5.81652	9.14711	1.39787	1
cg26226702	0.0346766	0.509988	-1.96083	0.00926354	2.467	2.467	0.386642	1.27465	1.27465	0.943302	0.980738	-1.01964	5.3474	6.33284	1.0527	1
cg00832329	0.277517	0.720238	-1.38843	0.00174461	3.65811	3.65811	0.304065	1.36249	1.36249	0.210192	1.46774	1.46774	5.26618	7.0431	1.18882	1
cg12158535	0.0651792	0.604183	-1.65513	0.0587602	0.594775	-1.68131	0.0188209	0.500264	-1.99894	0.0280439	0.531762	-1.88054	5.14524	4.82703	0.833916	1
cg24185850	0.254981	1.8707	1.8707	0.00205524	9.85844	9.85844	0.00894501	5.76786	5.76786	0.0724565	2.87556	2.87556	5.04585	22.1926	3.90951	1
cg23520889	0.307289	1.23526	1.23526	0.120034	1.40098	1.40098	0.17894	0.751679	-1.33036	0.341503	0.822055	-1.21646	4.89377	3.09776	0.562667	1
cg10348368	0.347314	1.25792	1.25792	0.102019	1.52863	1.52863	0.332887	0.789111	-1.26725	0.469741	1.19052	1.19052	4.85756	4.32546	0.79152	1
cg11028291	0.0110615	0.556077	-1.79831	0.0860076	1.41821	1.41821	0.226343	0.791395	-1.26359	0.0980997	0.715936	-1.39677	4.7843	2.57007	0.4775	1
cg26677958	0.0301233	0.617032	-1.62066	0.0115543	1.81837	1.81837	0.623227	1.09829	1.09829	0.214037	0.780602	-1.28106	4.66415	2.64791	0.504636	1
cg19769147	0.962783	1.01676	1.01676	0.00105334	5.62037	5.62037	0.343699	1.41554	1.41554	0.261675	1.51741	1.51741	4.66362	9.37491	1.78686	1
cg18568335	0.97261	1.00868	1.00868	0.0389785	1.82548	1.82548	0.917445	1.02646	1.02646	0.0198427	0.492491	-2.0305	4.20142	4.22048	0.892923	1
cg00007226	0.142456	0.864262	-1.15706	0.0013541	0.650162	-1.53808	0.248207	0.894321	-1.11817	0.530125	1.06061	1.06061	4.0463	0.548624	0.120521	1
cg01900788	0.233931	1.19398	1.19398	0.00100676	2.00068	2.00068	0.285275	1.1708	1.1708	0.177479	1.22585	1.22585	4.03889	1.29129	0.28419	1
cg26376835	0.0383425	0.571262	-1.75051	0.0240937	1.87309	1.87309	0.242171	1.33054	1.33054	0.527596	0.861298	-1.16104	3.98635	3.43635	0.766247	1
cg25109719	0.0122521	1.52056	1.52056	0.00359165	1.69827	1.69827	0.98423	1.00266	1.00266	0.583583	1.07718	1.07718	3.86538	1.10433	0.253954	1
cg18239942	0.279294	2.06137	2.06137	0.00646064	9.75079	9.75079	0.0925904	3.28798	3.28798	0.175459	2.52579	2.52579	3.82478	25.0528	5.82234	1
cg13808183	0.0667055	2.82564	2.82564	0.0133441	4.70535	4.70535	0.0299161	3.63523	3.63523	0.133598	2.26481	2.26481	3.78548	15.3046	3.59376	1
cg16092330	0.939692	0.980338	-1.02006	0.00244454	0.330687	-3.02401	0.182608	1.44948	1.44948	0.125402	1.54541	1.54541	3.68306	4.0178	0.969676	1
cg06438577	0.0467836	0.683242	-1.46361	0.388204	0.862444	-1.15949	0.0188162	0.621126	-1.60998	0.355713	0.853024	-1.1723	3.68638	1.45312	0.394187	1
cg07086947	0.370341	0.724784	-1.37972	0.276343	0.67288	-1.48615	0.0990938	0.531186	-1.88258	0.299624	0.686519	-1.45662	3.58345	6.94824	1.72354	1
cg06783197	0.252267	0.547956	-1.82496	0.0216741	0.24992	-4.00129	0.228895	0.529852	-1.88732	0.0422403	0.30822	-3.24443	3.48373	13.9603	3.56203	1
cg24172675	0.451694	0.753777	-1.32665	0.0321544	0.396494	-2.52211	0.032116	0.396385	-2.5228	0.350392	0.701647	-1.42522	3.39674	7.31049	1.91307	1
cg26815396	0.00846864	0.528347	-1.89269	0.00842988	1.89378	1.89378	0.00214109	0.441065	-2.26724	0.0817885	0.693445	-1.44208	8.31765	4.74614	0.50721	1
cg25473981	0.89152	0.986471	-1.01371	0.016311	1.34065	1.34065	0.0471053	0.797073	-1.25459	0.90636	0.988322	-1.01182	6.89589	1.08831	0.140284	1
cg12319871	0.437453	0.840914	-1.18918	0.0155945	1.91297	1.91297	0.309387	1.25874	1.25874	0.565964	1.13533	1.13533	6.79293	5.14783	0.673619	1
cg09139128	0.0459557	0.404703	-2.47095	0.000830343	0.136675	-7.31661	0.00582485	0.239787	-4.17036	0.073361	0.454028	-2.20251	6.64826	16.4672	2.20171	1
cg23801885	0.547073	0.787918	-1.26917	0.00071254	0.133144	-7.51068	0.7422	1.13783	1.13783	0.0974882	0.491009	-2.03662	4.99512	12.105	2.1541	1
cg03409108	0.273077	1.30912	1.30912	0.0189895	1.95556	1.95556	0.577637	1.14206	1.14206	0.278372	0.766311	-1.30495	4.18758	3.6983	0.785031	1
cg05994148	?	?	?	?	?	?	0.0108026	6.56628	6.56628	0.200716	2.16443	2.16443	4.25726	14.1248	3.87078	1
cg10603235	0.0573398	0.48661	-2.05503	0.000119709	0.105056	-9.51869	0.710202	1.1332	1.1332	0.0132972	0.357838	-2.79456	7.77211	13.8158	1.5801	1
cg18919659	0.0684599	0.400786	-2.4951	0.000943131	0.109612	-9.12311	0.109639	0.457571	-2.18545	0.00869851	0.223399	-4.47629	5.6549	17.9961	2.82879	1
cg03493547	0.867791	1.01695	1.01695	0.246545	1.13003	1.13003	0.189188	0.869087	-1.15063	0.57118	0.943903	-1.05943	16.6966	2.69103	0.143264	1
cg23433285	0.0157364	0.375199	-2.66525	9.60E-05	0.100357	-9.96439	0.755721	1.1089	1.1089	0.00683308	0.313325	-3.19157	10.6443	18.4954	1.54452	1
cg08300419	9.92E-05	4.48602	4.48602	0.526375	0.869827	-1.14965	0.378498	0.821774	-1.21688	0.302976	1.26086	1.26086	7.4956	5.6027	0.664413	1
cg16541628	0.731268	1.08	1.08	0.100033	0.668792	-1.49523	0.0180172	0.526538	-1.8992	0.0141071	0.508512	-1.96652	6.4476	5.08838	0.701502	1
cg09147846	0.0937831	1.33935	1.33935	0.0610718	1.3975	1.3975	0.502274	0.897659	-1.11401	0.884472	0.977211	-1.02332	4.66792	1.85861	0.353927	1
cg12726298	0.243591	1.1819	1.1819	0.066968	1.32482	1.32482	0.460807	1.10832	1.10832	0.154479	0.811583	-1.23216	4.54907	1.35177	0.264137	1
cg15026026	0.164917	1.19446	1.19446	0.00249012	0.604021	-1.65557	0.863161	1.02091	1.02091	0.638338	0.944797	-1.05843	4.27787	0.974759	0.202543	1
cg24779587	0.0327359	1.82098	1.82098	0.495558	1.18059	1.18059	0.0774817	1.6013	1.6013	0.576261	0.873321	-1.14505	4.23749	3.86268	0.810267	1
cg25462903	0.268587	1.40518	1.40518	0.00147	3.87805	3.87805	0.30603	0.73135	-1.36734	0.323518	1.35123	1.35123	3.46473	4.78217	1.22688	1
cg21010178	0.00035239	0.271811	-3.67903	0.702457	1.09099	1.09099	4.99E-05	0.1778	-5.62431	0.000343568	0.270464	-3.69735	20.758	16.9259	0.724791	1
cg22193702	0.2227	0.799771	-1.25036	0.00141792	2.23731	2.23731	9.56E-05	0.297903	-3.3568	0.616546	0.915731	-1.09202	14.5887	7.02487	0.428024	1
cg06059147	0.102492	0.620024	-1.61284	0.63174	0.878816	-1.13789	6.80E-05	0.14233	-7.02593	0.0255717	0.491822	-2.03326	10.2051	11.5667	1.00749	1
cg24934408	0.912467	0.954533	-1.04763	0.117799	0.487354	-2.0519	8.31E-05	0.0498838	-20.0466	0.182355	0.549403	-1.82016	9.04456	25.652	2.52105	1
cg00954039	0.00129792	2.78092	2.78092	0.179216	1.36542	1.36542	0.231127	1.31547	1.31547	0.756141	0.934258	-1.07037	6.04848	4.56483	0.67085	1
cg03113358	0.478381	1.25668	1.25668	0.662928	0.870202	-1.14916	0.00227951	0.258562	-3.86754	0.62979	0.857303	-1.16645	5.96591	9.49484	1.41468	1
cg10778072	0.270098	0.609362	-1.64106	0.0343266	0.344756	-2.9006	0.00104426	0.123299	-8.11039	0.0821434	0.435717	-2.29507	5.60513	16.5174	2.61942	1
cg23213951	0.897764	0.961303	-1.04025	0.00730882	0.345803	-2.89182	0.841261	0.940292	-1.0635	0.415963	0.774722	-1.29078	5.00834	7.47643	1.32693	1
cg12654045	0.0534833	0.413365	-2.41917	0.0190017	0.318596	-3.13877	0.00757187	0.250646	-3.98969	0.51477	0.766381	-1.30483	4.21757	10.8373	2.28406	1
cg24724618	0.184387	0.63358	-1.57833	0.53559	1.2255	1.2255	0.0806493	0.533664	-1.87384	0.810965	0.925273	-1.08076	3.75388	6.24628	1.47907	1
cg14524955	0.76217	0.945149	-1.05803	0.0538852	0.665798	-1.50196	0.000468907	0.359912	-2.77845	0.887019	0.973924	-1.02677	8.62961	4.72118	0.486303	1
cg09313801	4.00E-07	2.90947	2.90947	0.0107126	1.26714	1.26714	0.0114139	1.26329	1.26329	0.00442982	1.32358	1.32358	37.2715	3.21671	0.0767155	1
cg15185794	0.00149443	1.29592	1.29592	0.120343	0.909019	-1.10009	0.0398661	0.874151	-1.14397	0.00386805	1.24647	1.24647	23.4272	1.18926	0.0451235	1
cg10233913	0.778939	0.959189	-1.04255	0.609174	0.926493	-1.07934	0.00266296	0.540534	-1.85002	0.985182	1.00275	1.00275	21.4506	7.44805	0.308639	1
cg03601920	0.830576	0.885582	-1.1292	0.00747188	7.05073	7.05073	0.00325362	9.73282	9.73282	0.442982	0.641736	-1.55827	6.11139	31.1271	4.52738	1
cg18228326	0.0169678	1.59084	1.59084	0.0705926	0.724558	-1.38015	0.483558	0.892677	-1.12023	0.76704	0.953733	-1.04851	4.19152	1.68786	0.357941	1
cg21930668	0.265287	1.17435	1.17435	0.00420049	1.70031	1.70031	0.00304582	0.570096	-1.75409	0.88764	0.980619	-1.01976	30.2977	9.19632	0.269806	1
cg11534596	0.0135684	0.701127	-1.42628	0.526828	0.928171	-1.07739	2.15E-06	0.258816	-3.86374	0.0107416	0.688926	-1.45153	26.3866	5.6469	0.190228	1
cg14664242	0.00408616	0.3895	-2.56739	0.00120899	0.313573	-3.18905	0.000696436	0.282014	-3.54592	0.0465293	0.572451	-1.74687	10.8352	10.2746	0.842899	1
cg08277548	0.380865	1.37677	1.37677	0.00214158	0.215667	-4.63678	0.103932	0.531272	-1.88227	0.00734151	0.292486	-3.41897	10.6631	21.3706	1.78148	1
cg00025357	0.266254	0.438624	-2.27986	0.00353451	0.0600062	-16.665	0.0159815	0.122635	-8.15428	0.0471685	0.198721	-5.03218	5.62492	45.0901	7.12544	1
cg21966975	0.029516	0.434085	-2.3037	0.0271133	0.426646	-2.34386	0.0025404	0.255668	-3.91132	0.270115	0.688048	-1.45339	4.7883	8.04016	1.49256	1
cg03612692	0.731179	0.843974	-1.18487	0.00936519	0.197745	-5.05701	0.025887	0.272252	-3.67306	0.456719	0.688783	-1.45184	4.54927	15.4952	3.40609	1
cg12858514	0.00117108	0.512072	-1.95285	0.065223	1.33749	1.33749	1.63E-05	0.287282	-3.4809	0.233504	0.83905	-1.19182	21.6195	6.75812	0.277861	1
cg02053132	0.0803006	0.846066	-1.18194	2.31E-06	0.370687	-2.69769	3.09E-06	0.38477	-2.59896	0.480453	0.940076	-1.06374	36.3643	4.27518	0.104502	1
cg16091981	0.0526539	1.37282	1.37282	0.243387	0.838974	-1.19193	0.000222023	0.412947	-2.42162	0.0413535	0.712879	-1.40276	13.3839	4.38548	0.29126	1
cg26918754	0.000155855	3.41854	3.41854	0.016008	1.75032	1.75032	0.268187	1.24478	1.24478	0.805747	0.954301	-1.04789	8.40225	4.79626	0.507405	1
cg23228178	0.960712	1.01666	1.01666	0.000197963	0.122773	-8.14512	0.0124686	0.352469	-2.83713	0.57551	0.82716	-1.20896	7.49171	13.3488	1.58383	1
cg19159961	0.0133673	0.40338	-2.47905	0.00547339	0.33879	-2.95168	0.00225471	0.281784	-3.54882	0.277903	0.715826	-1.39699	7.05723	9.81228	1.2359	1
cg15110219	0.152597	1.7615	1.7615	0.0114218	0.31042	-3.22144	0.00551232	0.259718	-3.85034	0.137245	0.553493	-1.80671	5.24641	11.3467	1.92245	1
cg00702325	0.0693988	0.442723	-2.25875	0.839104	1.08497	1.08497	0.448081	0.733345	-1.36362	0.119502	0.5078	-1.96928	4.16196	10.6067	2.26533	1
cg17785802	0.276083	0.511355	-1.95559	0.0488524	0.264042	-3.78727	0.259531	0.498429	-2.0063	0.0910763	0.332274	-3.00956	3.68055	20.4277	4.93349	1
cg01790353	0.0434718	0.446603	-2.23912	0.0802503	0.509829	-1.96144	0.015903	0.358753	-2.78744	0.112678	0.549104	-1.82115	3.59851	6.86874	1.69669	1
cg09858508	2.07E-05	0.471913	-2.11904	8.18E-07	0.315815	-3.16641	0.00416511	0.7149	-1.3988	6.33E-05	0.525465	-1.90308	134.352	16.2525	0.107528	1
cg07319613	0.118251	0.663324	-1.50756	5.47E-05	0.162244	-6.16355	0.0371019	0.556661	-1.79643	0.0235753	0.519771	-1.92393	16.034	14.875	0.824637	1
cg00298399	0.916846	1.02548	1.02548	0.114192	1.51271	1.51271	0.000344821	0.249715	-4.00456	0.630282	1.12392	1.12392	7.12175	6.5447	0.816865	1
cg21857822	0.787267	1.12153	1.12153	0.0668283	0.418425	-2.38992	0.303684	0.636534	-1.57101	0.747806	0.872152	-1.14659	4.70761	13.4051	2.53114	1
cg07677446	0.151461	0.571349	-1.75025	0.288404	0.669386	-1.49391	0.0100996	0.30664	-3.26115	0.0850069	0.499766	-2.00093	4.66616	9.80242	1.86733	1
cg19626213	0.0560227	0.3648	-2.74123	0.0367413	0.322873	-3.09719	0.0205302	0.272465	-3.67019	0.098545	0.42998	-2.32569	4.41937	15.1928	3.0558	1
cg13879177	0.560698	0.840005	-1.19047	0.673803	0.882083	-1.13368	0.0410673	0.497278	-2.01095	0.225967	0.686042	-1.45764	3.63959	5.06275	1.23646	1
cg13831723	0.000112892	0.41434	-2.41348	1.39E-08	0.0558246	-17.9132	1.13E-05	0.297888	-3.35696	0.000601298	0.502833	-1.98873	91.755	24.5227	0.237567	1
cg14595462	0.847365	1.02901	1.02901	0.000601726	0.456026	-2.19285	6.45E-05	0.336411	-2.97255	2.78E-05	0.293858	-3.403	26.1598	9.12205	0.30996	1
cg14532484	0.0116889	0.356226	-2.80721	4.05E-05	0.0767924	-13.0221	0.00227494	0.247002	-4.04856	0.0238315	0.41332	-2.41943	10.929	18.5773	1.51095	1
cg03264414	0.206702	1.496	1.496	0.486855	0.80761	-1.23822	0.00656327	0.343742	-2.90916	0.11715	0.597628	-1.67328	8.84812	12.8195	1.28785	1
cg12165563	0.00489553	0.457419	-2.18618	8.92E-05	0.22963	-4.35484	0.839472	1.04346	1.04346	0.112883	0.696322	-1.43612	16.4696	11.4754	0.619346	1
cg12659027	0.0156218	0.168566	-5.9324	0.677879	0.778115	-1.28516	0.180148	2.35117	2.35117	0.714315	1.24711	1.24711	4.30674	24.6071	5.07876	1
cg04957146	0.102655	0.75565	-1.32336	0.261908	1.20147	1.20147	0.811373	1.03822	1.03822	0.000829073	0.453965	-2.20281	28.7709	11.2163	0.346532	1
cg02621988	0.94458	0.992389	-1.00767	0.000764262	0.571041	-1.75119	0.278296	0.883477	-1.13189	0.0012588	1.67776	1.67776	9.22392	1.76428	0.17002	1
cg03234603	0.292801	0.714657	-1.39927	0.589124	0.845478	-1.18276	0.00124126	4.27483	4.27483	0.989272	1.00415	1.00415	7.28143	10.9274	1.33398	1
cg18688522	0.876417	1.02598	1.02598	0.00541577	0.546983	-1.82821	0.0766124	1.38355	1.38355	0.0638332	1.40973	1.40973	6.25075	2.68984	0.382509	1
cg05577020	0.546369	0.84972	-1.17686	0.543301	1.17836	1.17836	0.010149	2.37498	2.37498	0.0966322	1.62672	1.62672	4.23749	4.77596	1.00184	1
cg10595406	0.620037	1.17421	1.17421	0.0892608	1.82597	1.82597	0.00273763	3.77614	3.77614	0.103175	1.77321	1.77321	3.56747	5.83355	1.45352	1
cg00441709	0.697152	0.882663	-1.13294	0.00978704	2.836	2.836	0.443196	1.2834	1.2834	0.90555	0.962827	-1.03861	3.50642	5.65625	1.43388	1
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cg17988623	0.115819	1.11634	1.11634	1.95E-05	1.7471	1.7471	0.823581	1.01448	1.01448	0.00305226	0.770071	-1.29858	21.5886	1.41756	0.0583664	1
cg13046003	0.0157481	0.534536	-1.87078	0.0277919	0.576684	-1.73405	0.552842	1.13552	1.13552	0.0339656	0.59217	-1.6887	6.43859	4.56878	0.63075	1
cg06404838	0.199629	1.10037	1.10037	0.0291573	0.831393	-1.2028	0.0521593	0.854065	-1.17087	0.975511	1.00215	1.00215	6.83325	0.518905	0.0590631	1
cg03805364	0.115782	0.844397	-1.18428	0.0601496	1.2334	1.2334	0.709111	1.03777	1.03777	0.0815449	1.21046	1.21046	4.64677	0.720377	0.137802	1
cg10398005	0.281984	1.12311	1.12311	0.00497902	0.679752	-1.47113	0.105433	0.832198	-1.20164	0.0780035	1.2255	1.2255	4.61673	0.788436	0.151803	1
cg11919479	0.0130998	0.193535	-5.16703	0.0021455	0.100176	-9.98246	0.0513104	0.305958	-3.26842	0.0875299	0.365438	-2.73644	5.66234	25.5449	4.0101	1
cg17863352	0.0385645	2.80412	2.80412	0.00633368	0.216662	-4.61549	0.650556	0.821833	-1.21679	0.895364	1.05825	1.05825	4.1805	12.2577	2.60633	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26781437	PAFAH1B3;PAFAH1B3;PRR19;PAFAH1B3	0.00229387	0.101592	1.62629	1.62629	0.0524488	1.81913	1.81913	0.0937691	1.64873	1.64873	0.818843	0.939654	-1.06422	0.000177595	0.178404	-5.60526
cg08529186	PAFAH1B3;PAFAH1B3;PRR19;PAFAH1B3	0.0222244	0.636713	0.780213	-1.2817	0.00059919	0.0514587	-19.4331	0.179407	0.472329	-2.11717	0.739172	1.19031	1.19031	0.128051	0.419899	-2.38153
cg15181396	PAFAH1B3;PRR19;PAFAH1B3;PAFAH1B3	0.0219996	0.249578	0.795446	-1.25716	0.781427	1.05432	1.05432	0.00284935	2.18366	2.18366	0.00900551	0.531764	-1.88053	0.898471	0.976015	-1.02457
cg13915576	PAFAH1B3;PRR19;PAFAH1B3;PAFAH1B3	0.0257318	0.30107	1.68806	1.68806	0.122106	2.26771	2.26771	0.122099	2.26775	2.26775	0.140159	2.17176	2.17176	0.0122141	0.217476	-4.59821
cg20140908	PAFAH2	3.01E-05	2.58E-05	0.408658	-2.44704	1.48E-06	0.269686	-3.70802	0.00117915	0.60013	-1.66631	0.672697	1.04665	1.04665	0.0021548	0.629878	-1.58761
cg07232730	PAFAH2	0.00775321	0.00282838	0.276718	-3.61379	0.492729	0.804385	-1.24319	0.046966	0.491401	-2.035	0.60192	1.17874	1.17874	0.840402	0.938943	-1.06503
cg19632574	PAFAH2	0.0101836	0.0190871	0.632955	-1.57989	0.00535229	1.80648	1.80648	0.810594	1.03947	1.03947	0.158271	1.27528	1.27528	0.0575994	0.707398	-1.41363
cg06521299	PAFAH2	0.0110321	0.0482545	0.470783	-2.12412	0.143185	0.594536	-1.68198	0.0113513	0.341598	-2.92742	0.451183	1.2861	1.2861	0.00335138	0.253564	-3.94377
cg16174809	PAFAH2	0.0151614	0.0541945	0.551997	-1.81161	0.305085	1.33484	1.33484	0.0182462	0.45875	-2.17984	0.418402	1.25215	1.25215	0.420198	0.799347	-1.25102
cg12397564	PAFAH2	0.0226192	0.0616633	0.729933	-1.36999	0.0240449	1.4956	1.4956	0.419593	0.883963	-1.13127	0.0488546	0.714312	-1.39995	0.0256976	0.672814	-1.48629
cg15690092	PAFAH2	0.0286841	0.00787491	0.191128	-5.2321	0.360967	0.633923	-1.57748	0.161354	2.06682	2.06682	0.543574	1.34773	1.34773	0.0459401	0.32943	-3.03555
cg12715235	PAG1	0.00108429	0.0603005	1.71017	1.71017	0.000953524	3.47961	3.47961	0.0352499	1.86092	1.86092	0.00045387	4.05291	4.05291	0.00283784	0.353178	-2.83143
cg26714514	PAG1	0.00687842	0.267729	1.22055	1.22055	0.493136	0.886787	-1.12767	0.00192181	0.468544	-2.13427	0.657936	1.07996	1.07996	0.000506422	0.391383	-2.55504
cg20151670	PAG1	0.00767776	0.00041022	0.13252	-7.54605	0.672407	1.16555	1.16555	0.294019	0.67568	-1.47999	0.66257	0.85372	-1.17134	0.268776	0.660433	-1.51416
cg20376249	PAG1	0.0124501	0.0138646	0.598507	-1.67083	0.00384986	1.92997	1.92997	0.281365	0.827778	-1.20805	0.361872	1.17143	1.17143	0.458092	1.13605	1.13605
cg10609868	PAG1	0.0281074	0.946825	0.968054	-1.033	0.000662785	12.6489	12.6489	0.0820941	2.55404	2.55404	0.323507	1.64273	1.64273	0.745894	1.17149	1.17149
cg25010006	PAG1	0.0316414	0.00559951	0.550808	-1.81551	0.0612608	0.707697	-1.41303	0.0867009	1.3637	1.3637	0.277561	1.20337	1.20337	0.0231967	0.64087	-1.56038
cg03369828	PAGE1	4.16E-05	0.133404	0.784118	-1.27532	5.19E-05	0.320776	-3.11744	0.000167093	0.381802	-2.61916	0.171603	0.803621	-1.24437	2.35E-06	0.177995	-5.61814
cg07882687	PAGE1	0.000878195	0.588996	0.883336	-1.13207	0.0698435	0.630634	-1.58571	0.000695592	0.308309	-3.2435	0.111784	0.674459	-1.48267	0.000405153	0.278473	-3.59101
cg18416919	PAGE1	0.00279749	0.116669	0.754308	-1.32572	0.00183338	0.480881	-2.07952	0.00182803	0.480709	-2.08026	0.00131754	0.461586	-2.16644	0.608824	0.918169	-1.08912
cg10796634	PAGE1	0.011612	0.0558236	0.352521	-2.83671	0.0642859	0.367726	-2.71942	0.000816061	0.0881824	-11.3401	0.338587	0.622073	-1.60753	0.00107564	0.0978704	-10.2176
cg21328786	PAGE1	0.0137954	0.0947079	0.433892	-2.30472	0.00171706	0.130762	-7.64748	0.00769289	0.210774	-4.74441	0.280114	0.60024	-1.666	0.0148675	0.25615	-3.90396
cg22403382	PAGE2	0.00014769	0.157913	0.732882	-1.36448	0.014703	1.85544	1.85544	0.00716596	0.489366	-2.04346	0.365971	1.21068	1.21068	3.80E-06	0.108591	-9.20886
cg15481878	PAGE2	0.000983688	0.951636	1.01341	1.01341	0.0266462	1.78056	1.78056	0.0251529	0.557181	-1.79475	0.0345465	0.581975	-1.71829	0.00217229	0.388756	-2.57231
cg04614203	PAGE2	0.0243064	0.0969823	0.465795	-2.14687	0.0516001	0.394875	-2.53245	0.158466	0.531389	-1.88186	0.392343	0.692446	-1.44416	0.00534492	0.214625	-4.65928
cg14994327	PAGE2	0.0271635	0.382991	1.26927	1.26927	0.919612	0.973453	-1.02727	0.0944614	0.612664	-1.63222	0.837337	1.05632	1.05632	0.000686555	0.251122	-3.98212
cg25910622	PAGE2	0.0279014	0.0182857	0.272671	-3.66742	0.0780032	0.411265	-2.43153	0.138042	0.484535	-2.06383	0.754066	0.867108	-1.15326	0.0768275	0.409497	-2.44202
cg05522559	PAGE2	0.0319562	0.0136622	0.167334	-5.97607	0.0562131	0.28156	-3.55165	0.0453976	0.260491	-3.83891	0.0280548	0.218531	-4.57601	0.0098502	0.147787	-6.7665
cg25268642	PAGE2	0.0428661	0.476972	1.29104	1.29104	0.233521	1.55463	1.55463	0.0665401	0.483447	-2.06848	0.345988	0.709746	-1.40896	0.00884947	0.308154	-3.24513
cg14108922	PAGE2;PAGE2	9.88E-05	0.116044	1.33478	1.33478	0.0205685	0.623987	-1.6026	0.0188741	0.618279	-1.61739	0.00452908	0.527578	-1.89545	1.84E-06	0.134524	-7.43361
cg27492220	PAGE2B	0.00186553	0.703122	1.14412	1.14412	0.913115	0.96235	-1.03912	0.00139142	0.196152	-5.0981	0.912247	1.03952	1.03952	0.0008683	0.172557	-5.79517
cg00675244	PAGE2B	0.00247259	0.0019006	0.16766	-5.96446	0.0292133	0.352438	-2.83738	0.126682	0.511421	-1.95534	0.00412926	0.209906	-4.76404	0.000462136	0.10682	-9.36158
cg19744943	PAGE2B	0.00466888	0.118882	1.91638	1.91638	0.110792	1.94966	1.94966	0.201839	0.595782	-1.67847	0.0504583	0.424569	-2.35533	0.000347602	0.109632	-9.12141
cg18983126	PAGE2B	0.00660862	0.941562	1.02405	1.02405	0.539759	1.22288	1.22288	0.00447072	0.292635	-3.41723	0.238402	0.670155	-1.49219	0.00148023	0.226195	-4.42097
cg00290944	PAGE2B	0.00673075	0.00697458	0.309342	-3.23267	0.230466	0.655115	-1.52645	0.0506222	0.47292	-2.11452	0.042694	0.456399	-2.19106	0.00094527	0.190616	-5.24616
cg13011976	PAGE2B	0.0222632	0.104567	0.390781	-2.55898	0.389135	0.626619	-1.59587	0.0274208	0.251137	-3.9819	0.0463442	0.298586	-3.34911	0.0126809	0.193828	-5.15923
cg02490931	PAGE2B	0.0238284	0.774413	1.10174	1.10174	0.0190578	2.60353	2.60353	0.843546	1.0689	1.0689	0.89622	1.04498	1.04498	0.00167506	0.219798	-4.54963
cg07413956	PAGE2B	0.049009	0.205259	2.01446	2.01446	0.122025	2.40682	2.40682	0.187952	0.481343	-2.07752	0.430464	1.52457	1.52457	0.00761988	0.165624	-6.03777
cg02576548	PAGE3	5.35E-05	0.298634	0.775591	-1.28934	0.000153899	0.216507	-4.61878	0.000534614	0.280486	-3.56524	0.662174	1.10928	1.10928	7.61E-05	0.184093	-5.43204
cg07352612	PAGE3	0.000603102	0.000588926	0.361974	-2.76263	0.785815	1.05352	1.05352	0.000561435	0.359264	-2.78347	0.000914611	0.387296	-2.582	0.000181957	0.297706	-3.35902
cg16273251	PAGE3	0.00133608	0.000133872	0.116687	-8.56995	0.0242568	0.418209	-2.39115	0.00485498	0.297531	-3.36099	0.0191921	0.398643	-2.50851	0.00104439	0.207003	-4.83085
cg24835233	PAGE3	0.0018619	0.00110695	0.0870997	-11.4811	0.0284281	0.26898	-3.71775	0.0269688	0.264516	-3.7805	0.0143262	0.215872	-4.63237	0.000559048	0.0660542	-15.1391
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cg13030539	PAGE3	0.00228753	0.0311076	0.433915	-2.3046	0.0524961	0.483092	-2.07	0.00640256	0.310202	-3.22371	0.125236	0.578346	-1.72907	0.000336468	0.148432	-6.73709
cg17122511	PAGE3	0.00826421	0.000401655	0.142174	-7.03361	0.14208	0.5787	-1.72801	0.172752	0.604811	-1.65341	0.129627	0.566985	-1.76372	0.0499046	0.46072	-2.17052
cg14356114	PAGE4	0.00303572	0.791266	1.03849	1.03849	0.734547	1.04965	1.04965	0.00270282	0.554273	-1.80417	0.505068	1.10109	1.10109	0.000387667	0.446727	-2.2385
cg04636194	PAGE4	0.00570354	0.421034	1.26635	1.26635	0.969755	0.989167	-1.01095	0.0023284	0.29483	-3.39179	0.00268943	0.303749	-3.29219	0.00166448	0.274677	-3.64064
cg12032246	PAGE4	0.00947805	0.25687	1.98947	1.98947	0.00862225	0.142714	-7.00701	0.008711	0.143275	-6.9796	0.647107	0.764967	-1.30725	0.0024088	0.0856864	-11.6705
cg03675615	PAGE4	0.0100975	0.0793868	3.65554	3.65554	0.771002	0.82343	-1.21443	0.510374	0.641172	-1.55965	0.544359	0.664685	-1.50447	0.0322649	0.188424	-5.30718
cg17582546	PAGE4	0.0215854	0.153773	2.29587	2.29587	0.518018	0.700009	-1.42855	0.129899	0.410495	-2.43608	0.309221	0.563984	-1.7731	0.030814	0.251518	-3.97585
cg22824741	PAGE5;PAGE5	0.00104144	0.508775	1.16553	1.16553	0.00254143	0.383983	-2.60428	0.241445	1.32341	1.32341	0.563695	1.1427	1.1427	0.00107261	0.331484	-3.01674
cg10162698	PAGE5;PAGE5	0.0017916	0.434508	0.70672	-1.41499	0.312841	0.634795	-1.57531	0.00450203	0.192373	-5.19825	0.280286	0.613507	-1.62997	0.00509388	0.199587	-5.01035
cg07445326	PAGE5;PAGE5	0.00206441	0.00268807	0.124703	-8.01903	0.000664732	0.0731633	-13.6681	0.0110221	0.201829	-4.95468	0.169545	0.479802	-2.08419	0.00160088	0.103108	-9.6986
cg13991029	PAGE5;PAGE5	0.00426675	0.240294	0.64325	-1.55461	0.78554	1.10284	1.10284	0.00932798	0.306215	-3.26568	0.184805	1.65657	1.65657	0.000459694	0.138184	-7.23674
cg13837202	PAGE5;PAGE5;PAGE5	0.00916613	0.0687202	0.480773	-2.07998	0.0489651	0.445707	-2.24363	0.145802	0.570437	-1.75304	0.64439	0.846136	-1.18184	0.000172822	0.100986	-9.90239
cg02310386	PAH	0.0152438	0.0149781	1.86898	1.86898	0.811022	1.05136	1.05136	0.258151	0.781375	-1.2798	0.185428	1.34125	1.34125	0.923366	0.980084	-1.02032
cg24759821	PAH	0.0246496	0.0320152	6.76591	6.76591	0.0213713	8.20418	8.20418	0.26411	2.42509	2.42509	0.333499	2.13647	2.13647	0.017087	9.13798	9.13798
cg16188209	PAH	0.0449566	0.044613	5.76775	5.76775	0.0297952	6.981	6.981	0.164454	3.08701	3.08701	0.450183	1.79448	1.79448	0.104188	3.85727	3.85727
cg09833249	PAH	0.0482169	0.0108044	0.260271	-3.84214	0.646983	0.823783	-1.21391	0.0445773	0.379236	-2.63688	0.49674	0.748194	-1.33655	0.00969077	0.252623	-3.95846
cg08990543	PAICS;PAICS;PAICS	0.0359754	0.0140506	0.200334	-4.99165	0.022861	0.236005	-4.2372	0.0163069	0.210708	-4.74591	0.800553	0.87439	-1.14365	0.0704537	0.342296	-2.92145
cg12370884	PAICS;PPAT;PAICS;PAICS	0.000587676	0.00679697	0.799157	-1.25132	0.0219426	1.19211	1.19211	0.32267	1.06748	1.06748	0.000528259	0.708131	-1.41217	0.130426	1.11006	1.11006
cg04048796	PAICS;PPAT;PAICS;PAICS	0.0163948	0.461627	1.08252	1.08252	0.913945	1.0115	1.0115	0.829748	1.02304	1.02304	0.498504	1.07541	1.07541	0.917573	1.01101	1.01101
cg22805500	PAICS;PPAT;PPAT;PAICS;PAICS	0.000579094	0.247748	0.869825	-1.14966	0.000116016	0.458538	-2.18084	0.396121	0.904574	-1.10549	0.000185086	0.482485	-2.0726	0.703158	1.04518	1.04518
cg07544482	PAIP1	0.032572	0.0488532	0.440033	-2.27256	0.00273309	0.221026	-4.52435	0.0223377	0.368228	-2.71571	0.48495	1.29561	1.29561	0.075253	0.485376	-2.06026
cg14973746	PAIP1;PAIP1;PAIP1	0.0107692	0.617954	1.1365	1.1365	0.0141896	0.463036	-2.15966	0.213191	1.39596	1.39596	0.0414657	1.81905	1.81905	0.0691356	0.596022	-1.67779
cg11957242	PAIP1;PAIP1;PAIP1	0.0135873	0.0243727	0.707534	-1.41336	0.00075643	1.93197	1.93197	0.614167	1.06775	1.06775	0.0948476	0.789209	-1.26709	0.512809	0.917966	-1.08937
cg19565757	PAIP1;PAIP1;PAIP1	0.0363978	0.0229633	0.270382	-3.69847	0.0656632	2.69988	2.69988	0.491954	1.39876	1.39876	0.672154	1.22711	1.22711	0.0183632	0.252641	-3.95819
cg22924680	PAIP1;PAIP1;PAIP1;PAIP1;PAIP1	0.00045635	0.00120978	0.645065	-1.55023	0.786782	1.0254	1.0254	0.0263205	1.27599	1.27599	0.412504	1.08059	1.08059	0.143756	1.1564	1.1564
cg14660032	PAIP2;PAIP2	3.04E-05	0.0130024	1.48657	1.48657	9.62E-06	3.40798	3.40798	0.0104634	0.660626	-1.51372	0.000775615	1.92392	1.92392	0.000164105	0.437481	-2.28581
cg00955682	PAIP2;PAIP2	7.14E-05	0.999501	1.00009	1.00009	0.133712	1.24699	1.24699	0.000216499	2.3216	2.3216	1.32E-05	0.287342	-3.48018	0.86283	0.976676	-1.02388
cg12668953	PAIP2;PAIP2	0.000160184	0.826202	0.96256	-1.0389	0.150299	1.30677	1.30677	0.790788	0.954912	-1.04722	0.941696	1.01277	1.01277	0.000216564	0.34271	-2.91792
cg27660076	PAIP2;PAIP2	0.00582808	0.397788	0.875854	-1.14174	0.000149078	2.71206	2.71206	0.0221166	1.52212	1.52212	0.890305	1.02135	1.02135	0.859045	0.973151	-1.02759
cg05295685	PAIP2;PAIP2	0.0102916	0.056061	0.808076	-1.23751	0.604491	1.0528	1.0528	0.412772	1.08595	1.08595	0.841823	0.980516	-1.01987	0.0249603	1.30046	1.30046
cg00665650	PAIP2;PAIP2	0.0277252	0.0194727	0.164895	-6.06447	0.0552148	0.249796	-4.00326	0.0790923	0.288153	-3.47038	0.910476	1.07442	1.07442	0.0073144	0.11002	-9.08926
cg24722405	PAIP2;PAIP2;PAIP2	0.00229688	0.143357	0.609003	-1.64203	0.0422344	2.09156	2.09156	0.00821916	0.344302	-2.90442	0.00014267	0.126418	-7.91029	?	?	?
cg17263916	PAIP2;PAIP2;SLC23A1;SLC23A1	0.014852	0.189942	1.59251	1.59251	0.298755	1.43475	1.43475	0.548132	0.815716	-1.22592	0.0260566	2.42339	2.42339	0.0307222	0.427137	-2.34117
cg07270285	PAIP2B	4.75E-06	0.129614	0.699375	-1.42985	2.32E-05	0.157694	-6.3414	0.171576	0.727722	-1.37415	0.15826	0.719366	-1.39011	8.36E-05	0.213128	-4.69201
cg16116663	PAIP2B	0.00063317	0.318166	0.925707	-1.08025	0.0887721	0.868959	-1.1508	0.0606521	0.853635	-1.17146	0.000240981	0.634739	-1.57545	8.13E-05	0.587602	-1.70183
cg06348656	PAIP2B	0.0127184	0.0054005	0.631267	-1.58411	0.528436	1.08353	1.08353	0.011721	0.673307	-1.48521	0.570692	1.07464	1.07464	0.140705	1.22025	1.22025
cg06023702	PAIP2B	0.0216575	0.130229	0.81078	-1.23338	0.611385	1.06797	1.06797	0.206568	1.18646	1.18646	0.560703	1.07842	1.07842	0.0117761	0.667815	-1.49742
cg06241044	PAIP2B	0.0267196	0.699979	1.07251	1.07251	0.00197517	2.20406	2.20406	0.0210285	1.6517	1.6517	0.405729	1.16624	1.16624	0.101194	0.722902	-1.38331
cg09151381	PAIP2B	0.0426763	?	?	?	0.226491	1.40981	1.40981	0.937591	1.0214	1.0214	?	?	?	?	?	?
cg13137458	PAK1;PAK1	2.46E-05	0.00183397	0.498915	-2.00435	3.73E-06	0.182932	-5.4665	0.000867235	0.456046	-2.19276	0.00355685	0.537662	-1.85991	0.000148885	0.35919	-2.78404
cg24536703	PAK1;PAK1	0.000197034	0.836725	0.965625	-1.0356	0.0141765	0.598694	-1.6703	0.0438065	0.675172	-1.4811	0.000127256	3.09604	3.09604	0.403163	1.15606	1.15606
cg26996201	PAK1;PAK1	0.000689914	0.119975	0.567372	-1.76251	2.80E-05	15.9639	15.9639	0.0406964	2.21198	2.21198	0.787485	0.913217	-1.09503	0.0217506	0.396365	-2.52293
cg18309286	PAK1;PAK1	0.00479219	0.62283	0.856383	-1.1677	0.000673661	5.08449	5.08449	0.90435	1.03831	1.03831	0.137178	0.606115	-1.64985	0.338531	0.734525	-1.36142
cg07350210	PAK1;PAK1	0.00708928	0.311898	1.18007	1.18007	0.378367	1.15379	1.15379	0.000712603	0.442268	-2.26107	0.559326	0.910787	-1.09795	0.0985188	0.750695	-1.3321
cg13039082	PAK1;PAK1	0.0116868	0.390202	0.832973	-1.20052	0.00608415	2.10308	2.10308	0.149219	1.37854	1.37854	0.0318743	1.68542	1.68542	0.80361	1.05308	1.05308
cg21086464	PAK1;PAK1;PAK1;PAK1	0.035498	0.00821045	0.561076	-1.78229	0.121789	1.33193	1.33193	0.931837	0.985487	-1.01473	0.0474061	0.67868	-1.47345	0.25795	0.817315	-1.22352
cg15721238	PAK2	0.00227485	0.00605275	0.375541	-2.66283	0.000568237	0.232591	-4.29939	0.0343865	0.509592	-1.96236	0.0332149	0.506595	-1.97397	0.0164725	0.449077	-2.22679
cg01040960	PAK2	0.00434265	0.0508723	0.489124	-2.04447	0.0539031	0.494808	-2.02099	0.998776	0.999507	-1.00049	0.776031	0.912375	-1.09604	0.000339556	0.156281	-6.39874
cg21244153	PAK2	0.00598168	0.081973	0.819459	-1.22032	0.000347509	1.81189	1.81189	0.455128	0.924414	-1.08177	0.347346	0.904865	-1.10514	0.726241	1.03698	1.03698
cg12930392	PAK2	0.00754399	0.0212195	0.365082	-2.73911	0.0196786	0.358814	-2.78696	0.173659	0.590625	-1.69312	0.259409	0.651819	-1.53417	0.00053718	0.141011	-7.09166
cg15421324	PAK2	0.010167	0.00636943	0.192419	-5.19699	0.0161983	0.255347	-3.91624	0.0603441	0.374116	-2.67296	0.551323	0.755958	-1.32282	0.0015155	0.119994	-8.33374
cg06284169	PAK2	0.0220127	0.108839	0.708046	-1.41234	0.270406	0.797278	-1.25427	0.135299	1.37413	1.37413	0.777082	0.945503	-1.05764	0.135228	0.727683	-1.37422
cg05585379	PAK2	0.0275584	0.936368	1.02454	1.02454	0.0026401	0.282629	-3.53821	0.448161	0.790774	-1.26458	0.512598	0.817366	-1.22344	0.131023	1.64073	1.64073
cg23549061	PAK3;PAK3	0.000800943	0.0666979	0.645321	-1.54962	0.000125215	0.240835	-4.15221	0.0119155	0.512435	-1.95147	0.731032	1.07628	1.07628	0.000390909	0.299953	-3.33385
cg25958561	PAK3;PAK3	0.00298167	0.702808	1.15807	1.15807	0.00144831	0.171718	-5.82351	0.0542201	0.43327	-2.30803	0.579427	1.23902	1.23902	0.000828566	0.145552	-6.87039
cg06455967	PAK3;PAK3	0.0385043	0.0270205	0.365087	-2.73908	0.00321118	0.212709	-4.70126	0.572918	1.24513	1.24513	0.983018	1.00823	1.00823	0.0844685	0.479752	-2.08441
cg14708847	PAK3;PAK3;PAK3	0.0138708	0.00297719	0.445981	-2.24225	0.249977	0.788042	-1.26897	0.00914014	1.92713	1.92713	0.406976	1.18302	1.18302	0.50921	0.875755	-1.14187
cg08323957	PAK3;PAK3;PAK3;PAK3	0.00489352	?	?	?	0.00139727	0.0786844	-12.709	0.566894	0.759104	-1.31734	0.0268699	3.76429	3.76429	0.0220453	0.247768	-4.03603
cg16355818	PAK3;PAK3;PAK3;PAK3;PAK3;PAK3	0.00407006	0.0242075	0.370252	-2.70086	0.0263592	0.377636	-2.64806	0.0371046	0.40863	-2.4472	0.438091	0.746426	-1.33972	0.00128362	0.176302	-5.67208
cg07187723	PAK3;PAK3;PAK3;PAK3;PAK3;PAK3	0.0143514	0.432927	1.31713	1.31713	0.117595	0.557097	-1.79502	0.685316	0.869162	-1.15053	0.114131	1.80681	1.80681	0.00198477	0.222357	-4.49727
cg25355896	PAK3;PAK3;PAK3;PAK3;PAK3;PAK3	0.0458793	0.632824	1.23902	1.23902	0.448249	0.70884	-1.41075	0.681314	0.832049	-1.20185	0.0628605	0.393813	-2.53928	0.00390623	0.177336	-5.63903
cg09506385	PAK4;PAK4;PAK4;PAK4;PAK4	0.000316332	0.0313023	0.899065	-1.11227	0.737807	1.01425	1.01425	0.00763438	0.865494	-1.15541	0.123268	0.932098	-1.07285	0.00303652	1.18656	1.18656
cg15149491	PAK4;PAK4;PAK4;PAK4;PAK4	0.000330675	0.000930516	0.531425	-1.88173	0.420528	0.90009	-1.111	0.00173985	0.564889	-1.77026	3.61E-05	0.361228	-2.76833	0.319261	0.876644	-1.14071
cg02753027	PAK4;PAK4;PAK4;PAK4;PAK4	0.00324082	0.00396336	0.416165	-2.40289	0.252775	1.31033	1.31033	0.00243533	0.384953	-2.59772	0.485714	1.17384	1.17384	0.0305337	1.77733	1.77733
cg02397525	PAK4;PAK4;PAK4;PAK4;PAK4	0.00384614	0.220372	0.817883	-1.22267	0.000166033	2.72092	2.72092	0.0361711	1.46243	1.46243	0.228922	0.821193	-1.21774	0.0254461	1.5134	1.5134
cg15748897	PAK4;PAK4;PAK4;PAK4;PAK4	0.00518655	0.472368	1.13115	1.13115	0.00210882	2.07289	2.07289	0.189173	1.26429	1.26429	0.0768337	0.717662	-1.39341	0.758489	1.05337	1.05337
cg02505681	PAK4;PAK4;PAK4;PAK4;PAK4	0.00561293	0.387919	0.805474	-1.2415	0.00612439	2.39752	2.39752	0.00358379	0.381251	-2.62294	0.9351	1.02011	1.02011	0.437476	0.823972	-1.21363
cg12406027	PAK4;PAK4;PAK4;PAK4;PAK4	0.0130486	0.488903	1.1337	1.1337	0.00255194	2.11082	2.11082	0.050204	1.48958	1.48958	0.0572389	1.46808	1.46808	0.0059928	1.89858	1.89858
cg14479947	PAK6;C15orf56;PAK6;PAK6	0.0141913	0.101017	2.24057	2.24057	0.00239832	6.68696	6.68696	0.138129	2.04859	2.04859	0.0956874	2.27523	2.27523	0.262265	1.69057	1.69057
cg06084073	PAK6;C15orf56;PAK6;PAK6	0.0177669	0.440064	0.709313	-1.40981	0.000595751	10.0922	10.0922	0.176534	1.8714	1.8714	0.210258	1.7787	1.7787	0.238059	0.583292	-1.71441
cg10373030	PAK6;PAK6	0.024297	0.32153	1.14171	1.14171	0.164119	1.21181	1.21181	0.148922	0.818478	-1.22178	0.000721298	1.94598	1.94598	0.248919	0.855599	-1.16877
cg12635019	PAK6;PAK6;C15orf56;PAK6	0.0253369	0.00666284	0.0166096	-60.2061	0.234202	4.06152	4.06152	0.345643	2.97012	2.97012	0.082363	0.112856	-8.86087	?	?	?
cg25525379	PAK6;PAK6;PAK6	0.00264787	0.00784353	0.428972	-2.33115	0.0102941	0.448412	-2.23009	0.0741727	0.610437	-1.63817	0.287135	1.31544	1.31544	0.000220371	0.217192	-4.60422
cg10462820	PAK6;PAK6;PAK6	0.00335927	0.0172852	2.52976	2.52976	0.00469986	0.300452	-3.32832	0.0138738	2.64604	2.64604	0.0142488	0.379998	-2.63159	0.235804	0.671902	-1.48831
cg08165794	PAK6;PAK6;PAK6	0.0189248	0.848535	1.02536	1.02536	0.234044	1.17753	1.17753	0.136072	1.23418	1.23418	0.0451672	0.740041	-1.35128	0.204901	0.839271	-1.19151
cg24117963	PAK6;PAK6;PAK6	0.0382559	0.16802	1.37747	1.37747	0.0540591	0.620884	-1.61061	0.0764284	1.53668	1.53668	0.683839	0.914623	-1.09335	0.145698	0.711422	-1.40563
cg26314750	PAK6;PAK6;PAK6;C15orf56	0.0261258	0.0974439	1.65035	1.65035	0.00488552	2.79439	2.79439	0.055484	1.81827	1.81827	0.163547	1.50621	1.50621	0.0705756	0.573124	-1.74482
cg12388309	PAK7;PAK7	0.00111313	0.00786515	0.293174	-3.41094	0.100414	0.561707	-1.78029	7.77E-05	0.0341785	-29.2582	0.130701	1.6784	1.6784	0.181655	1.55986	1.55986
cg22457984	PAK7;PAK7	0.00138481	1.94E-05	0.13716	-7.29076	0.660242	1.10667	1.10667	0.507204	1.16669	1.16669	0.409389	0.824216	-1.21327	0.0491155	0.597701	-1.67308
cg12645220	PAK7;PAK7	0.00464525	0.408944	1.09546	1.09546	0.712699	1.04074	1.04074	0.107856	1.20854	1.20854	0.266006	1.13329	1.13329	0.00712115	1.45539	1.45539
cg02674474	PAK7;PAK7	0.00817089	0.443742	0.796629	-1.25529	0.0140138	2.41906	2.41906	0.00526063	2.91988	2.91988	0.0460778	1.94561	1.94561	0.0975979	0.589033	-1.6977
cg07601967	PAK7;PAK7	0.0122028	0.0391552	0.5693	-1.75654	0.603935	1.13147	1.13147	0.0816892	0.634212	-1.57676	0.483372	1.18307	1.18307	0.000973026	0.314033	-3.18438
cg18034428	PAK7;PAK7;PAK7;PAK7	0.0151469	0.0666145	1.18495	1.18495	0.184436	0.890337	-1.12317	0.619182	1.04221	1.04221	0.577238	1.04756	1.04756	0.559069	0.952423	-1.04995
cg10514594	PALB2	0.0044075	0.00394579	0.39571	-2.5271	0.0474569	1.71963	1.71963	0.788438	1.06641	1.06641	0.957008	1.01297	1.01297	0.000378093	0.257144	-3.88887
cg00905951	PALB2;DCTN5	0.00293806	0.0057962	0.424943	-2.35326	0.889639	0.96766	-1.03342	0.746513	0.926079	-1.07982	0.176659	0.71171	-1.40507	0.00189095	0.352506	-2.83683
cg08762306	PALB2;DCTN5	0.00755906	0.00356871	1.84643	1.84643	0.00194608	0.50622	-1.97543	0.693223	0.940267	-1.06353	0.646134	1.07446	1.07446	0.214018	1.22537	1.22537
cg03524104	PALB2;DCTN5	0.0184937	0.0191799	0.725435	-1.37848	0.065619	0.791341	-1.26368	0.0886546	0.808372	-1.23705	0.68033	1.04804	1.04804	0.112921	0.822477	-1.21584
cg10269081	PALB2;DCTN5	0.0229998	0.0153918	1.23616	1.23616	0.346585	1.07155	1.07155	0.25329	1.08878	1.08878	0.0238531	1.21195	1.21195	0.024081	1.21144	1.21144
cg04035070	PALB2;DCTN5	0.0388999	0.309363	0.677269	-1.47652	0.00129263	0.176103	-5.67851	0.729242	1.13736	1.13736	0.122079	0.537553	-1.86028	0.804303	1.09632	1.09632
cg24239420	PALLD;PALLD	0.000298335	0.00123273	0.335394	-2.98157	0.112518	0.670669	-1.49105	0.0632664	0.616937	-1.62091	0.00555119	0.43065	-2.32207	4.27E-06	0.0857925	-11.656
cg16527693	PALLD;PALLD	0.00268072	0.160903	0.820576	-1.21866	0.000901242	0.518942	-1.927	0.525812	0.918616	-1.08859	0.626161	0.937231	-1.06697	0.00079185	0.511967	-1.95325
cg12628070	PALLD;PALLD	0.00457117	0.00612506	0.540116	-1.85145	0.00228068	0.479646	-2.08487	0.0225995	0.624902	-1.60025	0.516682	1.11988	1.11988	0.00501017	0.527597	-1.89538
cg25985347	PALLD;PALLD	0.00488323	0.562423	0.903054	-1.10735	0.0769934	0.710067	-1.40832	0.00326981	0.49755	-2.00985	0.00355577	0.502677	-1.98935	0.0443473	0.668889	-1.49502
cg09550768	PALLD;PALLD	0.00860887	0.418449	0.836888	-1.1949	0.693549	1.08904	1.08904	0.00658716	0.467727	-2.138	0.825083	0.953446	-1.04883	0.491569	0.860313	-1.16237
cg17914107	PALLD;PALLD	0.0190529	0.0504395	0.293806	-3.40361	0.00537662	0.133528	-7.48906	0.137784	0.41564	-2.40593	0.476044	0.671589	-1.48901	0.00774404	0.152748	-6.54674

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26781437	0.0213714	0.472211	-2.1177	0.00481878	0.362515	-2.75851	0.570924	0.85609	-1.1681	0.351614	0.770984	-1.29704	9.26324	10.7998	1.03633	1
cg08529186	0.423855	0.652457	-1.53267	0.440401	0.662832	-1.50868	0.291092	1.77559	1.77559	0.253883	1.8683	1.8683	5.04048	21.221	3.27452	1
cg15181396	0.0697207	0.679934	-1.47073	0.381322	0.843015	-1.18622	0.62591	1.09794	1.09794	0.392029	0.84639	-1.18149	4.55397	2.60872	0.509196	1
cg13915576	0.783087	0.873849	-1.14436	0.0174621	4.11156	4.11156	0.0373031	0.306952	-3.25784	0.937157	0.962202	-1.03928	4.31366	16.3124	3.3614	1
cg20140908	0.0619479	1.253	1.253	0.159535	1.17502	1.17502	0.694692	0.958557	-1.04323	0.541976	1.06848	1.06848	30.4327	5.54921	0.162083	1
cg07232730	0.10727	0.577364	-1.73201	0.000592133	0.190609	-5.24635	0.701021	1.1281	1.1281	0.0123385	0.377753	-2.64723	6.40694	9.9063	1.37438	1
cg19632574	0.519383	1.11104	1.11104	0.00914725	1.70525	1.70525	0.51856	0.899865	-1.11128	0.0579392	0.707815	-1.4128	5.87629	2.41888	0.365897	1
cg06521299	0.0208785	0.392232	-2.54951	0.00109923	0.186786	-5.35373	0.284736	0.693996	-1.44093	0.212558	0.64886	-1.54116	6.49155	10.7506	1.28808	1
cg16174809	0.0548005	0.553034	-1.80821	0.000710132	0.245975	-4.06545	0.182702	0.68076	-1.46895	0.502566	0.831068	-1.20327	5.16239	6.04659	1.04114	1
cg12397564	0.193456	0.813989	-1.22852	0.0242341	1.49449	1.49449	0.284621	0.846846	-1.18085	0.214054	0.822293	-1.21611	4.51072	1.59805	0.314914	1
cg15690092	?	?	?	0.866856	0.921783	-1.08485	0.00721673	0.185825	-5.3814	0.941271	1.03641	1.03641	4.22276	14.006	3.31678	1
cg12715235	0.543174	0.855671	-1.16867	0.0862339	0.618744	-1.61618	0.0156811	2.11727	2.11727	0.283671	1.32591	1.32591	11.4992	11.6818	0.903003	1
cg26714514	0.0187461	0.611582	-1.6351	0.251617	0.813215	-1.22969	0.801477	0.95744	-1.04445	0.930654	0.985087	-1.01514	6.65134	3.13932	0.419541	1
cg20151670	0.408637	0.737561	-1.35582	0.000848624	0.164245	-6.08846	0.20256	0.615962	-1.62348	0.196157	0.611214	-1.63609	6.42664	13.2049	1.82641	1
cg20376249	0.0682918	0.708502	-1.41143	0.0088875	0.570027	-1.7543	0.753044	1.05473	1.05473	0.499098	0.890624	-1.12281	5.5072	2.48579	0.401219	1
cg10609868	0.150236	2.1185	2.1185	0.96194	0.97704	-1.0235	0.0296818	3.47593	3.47593	0.509755	1.38473	1.38473	4.18214	15.6942	3.33571	1
cg25010006	0.682289	1.0698	1.0698	0.687131	0.935777	-1.06863	0.0978025	0.742463	-1.34687	0.880032	0.975543	-1.02507	4.01001	1.707	0.378387	1
cg03369828	0.300124	1.17504	1.17504	0.487705	0.899504	-1.11172	9.79E-05	0.353537	-2.82856	0.0243247	0.66818	-1.4966	27.9392	9.98527	0.317683	1
cg07882687	0.430891	1.20061	1.20061	7.85E-05	0.197059	-5.07462	0.762996	0.933535	-1.0712	0.0124772	0.493161	-2.02774	12.207	9.99861	0.72808	1
cg18416919	0.0206473	0.63064	-1.58569	0.0142513	1.64875	1.64875	0.718558	0.941896	-1.06169	0.263911	0.824794	-1.21242	8.73729	3.78584	0.385153	1
cg10796634	0.123813	0.448397	-2.23017	0.317072	0.607919	-1.64496	0.396025	0.658183	-1.51933	0.320453	0.61017	-1.63889	5.63318	20.6607	3.26015	1
cg21328786	0.232734	0.566153	-1.76631	0.0125426	0.243739	-4.10274	0.00840049	0.216426	-4.62051	0.259833	0.586043	-1.70636	5.32557	17.4324	2.90963	1
cg22403382	0.259209	0.784834	-1.27415	0.00595993	2.09608	2.09608	0.489299	1.15555	1.15555	0.670349	1.09214	1.09214	19.9401	13.3801	0.596455	1
cg15481878	0.436427	1.19049	1.19049	0.000151167	0.239718	-4.17157	0.645209	0.903191	-1.10719	0.000733684	0.324032	-3.08611	11.8215	9.03065	0.679037	1
cg04614203	0.281558	1.59898	1.59898	0.00972606	0.253707	-3.94156	0.0136132	0.277987	-3.59729	0.0675884	0.423665	-2.36036	4.40001	12.2576	2.47629	1
cg14994327	0.890326	1.03746	1.03746	0.245952	1.38183	1.38183	0.815876	0.939726	-1.06414	0.477324	1.21236	1.21236	4.23268	4.76191	1.00003	1
cg25910622	0.132986	0.479287	-2.08643	0.00635809	0.199571	-5.01074	0.00269284	0.152356	-6.56357	0.351343	0.647137	-1.54527	4.19299	13.6707	2.89811	1
cg05522559	?	?	?	0.551015	1.42415	1.42415	0.937087	0.954784	-1.04736	0.114113	0.365164	-2.7385	4.06211	19.6465	4.83654	1
cg25268642	0.104833	1.87041	1.87041	0.453376	1.30974	1.30974	0.858821	0.93904	-1.06492	0.0316389	0.410625	-2.43531	3.59001	7.09545	1.75684	1
cg14108922	0.0540365	1.44732	1.44732	0.439013	0.87508	-1.14275	0.00188257	0.474722	-2.1065	0.458872	0.880285	-1.136	22.2126	10.0551	0.402379	1
cg27492220	0.808093	1.08933	1.08933	0.000275017	0.123101	-8.12339	0.593629	1.20849	1.20849	0.0132556	0.339838	-2.94258	9.83913	19.2656	1.7405	1
cg00675244	0.00773066	0.249387	-4.00984	0.00111154	0.14228	-7.02837	0.00779117	0.24991	-4.00144	0.0479921	0.399512	-2.50306	9.06139	23.6428	2.31927	1
cg19744943	0.00650748	0.256943	-3.89191	0.341997	1.45677	1.45677	0.120643	0.523702	-1.90948	0.131598	0.535014	-1.86911	7.4934	17.5241	2.07875	1
cg18983126	0.380534	1.33849	1.33849	0.0143518	0.375931	-2.66006	0.00249745	0.256248	-3.90247	0.32045	0.716959	-1.39478	6.73463	11.2051	1.47893	1
cg00290944	0.876708	1.05358	1.05358	0.00121076	0.20331	-4.91859	0.58394	0.830333	-1.20434	0.0320055	0.429706	-2.32717	6.69641	11.987	1.59117	1
cg13011976	0.759512	1.17659	1.17659	0.00144524	0.0873096	-11.4535	0.696246	0.812383	-1.23095	0.0619002	0.328414	-3.04494	4.53538	20.148	3.94881	1
cg02490931	0.220587	1.54378	1.54378	0.565002	1.2167	1.2167	0.731663	0.890419	-1.12307	0.0971863	0.541301	-1.8474	4.43039	7.97725	1.60051	1
cg07413956	0.172452	2.14038	2.14038	0.375022	1.61145	1.61145	0.462258	0.675596	-1.48017	0.085562	0.369394	-2.70714	3.41398	14.8486	3.86609	1
cg02576548	0.00516156	2.38962	2.38962	0.3278	1.26906	1.26906	8.59E-06	0.102007	-9.80328	0.865172	1.0409	1.0409	26.1451	23.0415	0.783371	1
cg07352612	0.744454	0.939318	-1.0646	0.456322	1.15627	1.15627	0.0292726	0.611694	-1.6348	0.168355	1.32439	1.32439	13.5644	7.86955	0.515701	1
cg16273251	0.937627	1.02573	1.02573	0.415128	1.31045	1.31045	0.00202141	0.243311	-4.10996	0.0516778	0.487329	-2.052	10.8338	18.0771	1.48319	1
cg24835233	0.485748	0.697945	-1.43278	0.235444	1.88003	1.88003	0.000743631	0.0743039	-13.4582	0.0106963	0.196156	-5.09798	9.84469	40.1891	3.62872	1
cg12296630	0.166792	0.647512	-1.54437	0.363435	1.31705	1.31705	0.00797465	0.366868	-2.72577	0.0191725	0.433607	-2.30624	9.73785	13.4075	1.22386	1
cg13030539	0.0753422	1.92198	1.92198	0.0794031	1.90129	1.90129	0.269682	0.684346	-1.46125	0.00240609	0.247806	-4.03541	9.27075	15.9878	1.53292	1
cg17122511	0.0421164	2.25123	2.25123	0.340015	1.40604	1.40604	0.108873	0.545549	-1.83301	0.092763	0.526767	-1.89837	6.27954	11.9439	1.69069	1
cg14356114	0.263185	1.18068	1.18068	0.00999125	1.58908	1.58908	0.0839275	0.761612	-1.31301	0.361216	1.14299	1.14299	8.52812	2.73842	0.285427	1
cg04636194	0.475894	1.23153	1.23153	0.142878	1.57204	1.57204	0.948532	0.981626	-1.01872	0.879448	0.957337	-1.04456	7.04839	9.21235	1.16179	1
cg12032246	0.720544	1.2322	1.2322	0.052596	0.277783	-3.59994	0.0134192	0.168698	-5.92776	0.0255931	0.21403	-4.67225	6.01262	32.1751	4.75668	1
cg03675615	0.0810689	3.62376	3.62376	0.000635461	0.0304129	-32.8808	0.0389412	0.203694	-4.90932	0.262178	0.459208	-2.17766	5.89229	41.3505	6.23798	1
cg17582546	0.134261	2.40813	2.40813	0.00115476	0.074375	-13.4454	0.553262	0.721509	-1.38599	0.697568	0.808533	-1.23681	4.58373	21.5028	4.16989	1
cg22824741	0.000561523	0.294561	-3.39488	0.299783	1.27835	1.27835	0.000484441	0.286433	-3.49122	0.853166	1.04325	1.04325	11.6317	9.62066	0.735204	1
cg10162698	0.00080456	0.110627	-9.03937	0.000105953	0.0508227	-19.6763	0.0487094	0.375302	-2.66452	0.0111065	0.250081	-3.9987	9.95528	29.8782	2.66777	1
cg07445326	0.00429322	0.147088	-6.79865	0.000878061	0.081807	-12.2239	0.00774937	0.179725	-5.56406	0.0704029	0.362435	-2.75912	9.5532	38.1077	3.54577	1
cg13991029	0.481178	1.29299	1.29299	0.21424	1.59883	1.59883	0.00236094	0.218233	-4.58225	0.343416	0.704495	-1.41946	7.7009	15.7083	1.81316	1
cg13837202	0.934193	1.03013	1.03013	0.616049	1.19931	1.19931	0.0938209	0.515651	-1.9393	0.0649855	0.474797	-2.10616	6.07698	12.4364	1.81909	1
cg02310386	0.358215	1.2184	1.2184	0.00162416	2.57096	2.57096	0.00513544	2.16592	2.16592	0.0982391	1.46109	1.46109	5.15313	3.56777	0.615422	1
cg24759821	0.272939	2.38298	2.38298	0.00364929	19.9343	19.9343	0.0104845	11.6061	11.6061	0.0326966	6.69865	6.69865	4.37866	40.1649	8.15366	1
cg16188209	0.365741	2.02627	2.02627	0.00659695	14.5914	14.5914	0.0113848	11.1038	11.1038	0.0429897	5.86953	5.86953	3.5268	32.2569	8.12996	1
cg09833249	0.15262	0.525157	-1.90419	0.0215774	0.31346	-3.1902	0.660183	1.20442	1.20442	0.232843	0.590999	-1.69205	3.43511	9.61544	2.48815	1
cg08990543	0.0654005	0.333984	-2.99415	0.0191436	0.2224	-4.4964	0.571451	1.35424	1.35424	0.0910059	0.372633	-2.68361	3.82878	17.0497	3.95824	1
cg12370884	0.329664	0.937717	-1.06642	5.73E-05	0.620502	-1.6116	0.0720516	0.879544	-1.13695	0.539275	1.04053	1.04053	13.6627	0.884238	0.057528	1
cg04048796	0.660739	1.04784	1.04784	0.000281799	0.533632	-1.87395	0.628203	0.94968	-1.05299	0.190888	1.15781	1.15781	5.02999	0.891785	0.157594	1
cg22805500	0.0394219	1.31651	1.31651	0.00499903	1.53529	1.53529	0.628775	1.05783	1.05783	0.692318	1.04697	1.04697	13.7188	2.894	0.187512	1
cg07544482	0.178428	0.593486	-1.68496	0.0357132	0.409857	-2.43988	0.45524	0.757637	-1.31989	0.972117	1.01284	1.01284	3.96861	8.37063	1.87485	1
cg14973746	0.22822	1.37964	1.37964	0.0129377	0.456095	-2.19252	0.0193646	2.05353	2.05353	0.0653617	1.69278	1.69278	5.77179	5.91907	0.911571	1
cg11957242	0.103138	0.794607	-1.25848	0.830191	0.972685	-1.02808	0.780732	1.03664	1.03664	0.722092	1.04713	1.04713	5.3522	1.40967	0.234116	1
cg19565757	0.305414	0.600342	-1.66572	0.0173874	0.248466	-4.0247	0.592275	1.29683	1.29683	0.257232	0.566371	-1.76563	3.81257	13.9591	3.25451	1
cg22924680	0.00172859	0.661326	-1.51211	0.018019	1.3045	1.3045	0.000101181	1.89143	1.89143	0.0239451	1.28302	1.28302	14.6568	1.98656	0.120479	1
cg14660032	0.0256997	0.711166	-1.40614	0.147629	0.818848	-1.22123	8.01E-05	2.49954	2.49954	0.588176	1.07286	1.07286	30.3548	7.956	0.232978	1
cg00955682	0.00228522	0.558742	-1.78973	7.39E-05	0.37419	-2.67244	0.149719	0.809957	-1.23463	0.318443	0.868732	-1.1511	24.2207	7.14436	0.262195	1
cg12668953	0.0979118	0.729749	-1.37033	3.50E-05	0.249803	-4.00315	0.19018	0.786039	-1.2722	2.18E-05	0.22745	-4.39657	19.5082	9.30288	0.423884	1
cg27660076	0.895814	1.02026	1.02026	0.112354	0.76747	-1.30298	0.0960074	1.32297	1.32297	0.246394	1.20393	1.20393	7.00166	2.59938	0.330002	1
cg05295685	0.00256691	1.50945	1.50945	0.227856	1.13275	1.13275	0.0196164	0.757556	-1.32003	0.0226115	1.30843	1.30843	5.85648	0.899446	0.136517	1
cg00665650	0.11303	0.332614	-3.00649	0.00670389	0.106011	-9.43296	0.0660873	0.268264	-3.72767	0.030858	0.198301	-5.04283	4.20235	27.1085	5.73404	1
cg24722405	0.0376048	0.467354	-2.1397	0.181652	0.639453	-1.56384	0.3467	1.35743	1.35743	0.49912	1.24156	1.24156	9.46972	13.2587	1.40012	1
cg17263916	0.997373	1.0011	1.0011	0.154794	1.66596	1.66596	0.00102534	5.11	5.11	0.186673	1.59867	1.59867	5.19771	9.24794	1.58154	1
cg07270285	0.000100855	0.221985	-4.50481	8.81E-08	0.02156	-46.3822	0.333306	1.24349	1.24349	0.0585947	0.627157	-1.5945	49.1892	37.1496	0.671324	1
cg16116663	0.183187	0.899724	-1.11145	0.00916541	1.28094	1.28094	0.209092	1.10414	1.10414	0.0171839	0.804734	-1.24265	13.3814	1.1864	0.0788092	1
cg06348656	0.0815563	0.784668	-1.27442	0.0243576	0.71387	-1.40082	0.874805	0.980388	-1.02	0.0323232	1.37002	1.37002	5.46909	1.36678	0.222142	1
cg06023702	0.326524	1.13883	1.13883	0.014376	0.678917	-1.47293	0.0277224	0.716083	-1.39649	0.0646247	1.30524	1.30524	4.5785	1.19438	0.231882	1
cg06241044	0.460229	1.14559	1.14559	0.206734	0.786047	-1.27219	0.162197	1.30969	1.30969	0.362706	1.18427	1.18427	4.25722	2.20365	0.460113	1
cg09151381	0.00406185	2.83854	2.83854	0.140736	0.651465	-1.535	0.37195	0.780422	-1.28136	0.828627	1.06038	1.06038	3.81013	2.94262	1.02975	1
cg13137458	0.116987	0.765276	-1.30672	1.18E-05	0.232911	-4.29348	0.00787273	1.70849	1.70849	0.00045127	0.419454	-2.38405	32.0808	12.539	0.347429	1
cg24536703	0.00268414	2.02049	2.02049	0.000141249	3.04429	3.04429	0.000180393	2.92843	2.92843	0.043055	1.4838	1.4838	18.4457	8.39436	0.404519	1
cg26996201	0.662682	1.1589	1.1589	?	?	?	0.109876	0.556812	-1.79594	0.0856283	0.528173	-1.89332	13.3787	21.2606	1.58914	1
cg18309286	0.00118957	0.226252	-4.41985	0.670883	0.874874	-1.14302	0.180299	1.56043	1.56043	0.341368	1.35882	1.35882	7.4342	11.5155	1.37688	1
cg07350210	0.478165	1.1209	1.1209	0.100187	1.32987	1.32987	0.00475928	1.8099	1.8099	0.592327	1.08932	1.08932	6.58902	2.6142	0.352668	1
cg13039082	0.321319	1.23698	1.23698	0.00785837	0.492664	-2.02978	0.0398347	0.610659	-1.63757	0.114997	1.42722	1.42722	5.62147	3.8357	0.606516	1
cg21086464	0.698864	0.935727	-1.06869	0.0409058	1.49669	1.49669	0.124552	1.32867	1.32867	0.763286	1.05297	1.05297	3.84739	1.77952	0.411134	1
cg15721238	0.104326	0.615656	-1.62428	0.000782843	0.249677	-4.00518	0.922595	1.02691	1.02691	0.00089571	0.257065	-3.89007	9.28588	10.9758	1.05066	1
cg01040960	0.0160928	0.387926	-2.57781	0.0561476	0.498856	-2.00459	0.00104035	0.209913	-4.76388	0.0168164	0.391436	-2.5547	7.65992	12.5401	1.45521	1
cg21244153	0.446584	1.08345	1.08345	0.180209	0.863269	-1.15839	0.269054	1.12628	1.12628	0.0060935	1.44761	1.44761	6.94571	1.17415	0.150263	1
cg12930392	0.120643	0.542086	-1.84472	0.00487983	0.257353	-3.88571	0.54355	1.25065	1.25065	0.0125894	0.323462	-3.09155	6.46216	13.5432	1.8629	1
cg15421324	0.00520001	0.180553	-5.53854	0.126897	0.464724	-2.15182	0.179994	0.516379	-1.93656	0.00893669	0.213594	-4.68178	5.87938	20.0605	3.0329	1
cg06284169	0.875692	1.03139	1.03139	0.000526091	0.344197	-2.90532	0.40594	0.845477	-1.18276	0.368718	0.83338	-1.19993	4.55304	2.81052	0.548697	1
cg05585379	0.0514225	1.96098	1.96098	0.262579	1.42578	1.42578	0.0592371	1.90934	1.90934	0.602484	0.852507	-1.17301	4.21128	6.15077	1.29826	1
cg23549061	0.548525	0.878677	-1.13807	0.00547631	0.459242	-2.1775	0.00117011	0.362379	-2.75954	0.169724	1.36561	1.36561	12.5279	9.00539	0.638955	1
cg25958561	0.913437	0.959226	-1.04251	0.000784612	0.143156	-6.98536	0.0308225	0.378769	-2.64013	0.0383283	0.39897	-2.50645	8.57374	19.9013	2.06329	1
cg06455967	0.042168	0.406208	-2.46179	0.251379	0.63053	-1.58597	0.541436	0.788279	-1.26859	0.333849	1.46757	1.46757	3.73506	8.76169	2.08515	1
cg14708847	0.910077	0.977863	-1.02264	0.909092	0.977622	-1.02289	0.0148032	1.81148	1.81148	0.238839	1.27689	1.27689	5.31605	3.30528	0.552671	1
cg08323957	?	?	?	?	?	?	?	?	?	0.139808	2.16862	2.16862	11.5585	21.7922	2.26246	1
cg16355818	0.17911	0.589956	-1.69504	0.000227566	0.103793	-9.63457	0.574407	0.810745	-1.23343	0.0103539	0.30297	-3.30065	7.81148	16.9145	1.92475	1
cg07187723	0.051447	2.14518	2.14518	0.0650377	0.490133	-2.04026	0.0590732	2.08271	2.08271	0.354838	0.72063	-1.38767	5.25683	9.86406	1.66793	1
cg25355896	0.287516	1.63512	1.63512	0.069848	0.405491	-2.46615	0.131927	2.06276	2.06276	0.376265	0.667441	-1.49826	3.50004	10.9903	2.79116	1
cg09506385	0.00282029	1.18918	1.18918	4.98E-05	0.725704	-1.37797	0.0704584	1.08888	1.08888	0.0250941	1.11876	1.11876	16.213	0.455488	0.0249724	1
cg15149491	0.138545	0.815493	-1.22625	0.00019224	0.447861	-2.23284	0.566906	1.07684	1.07684	0.000821313	0.524769	-1.9056	16.0171	4.15026	0.230324	1
cg02753027	0.171999	1.38952	1.38952	0.0163986	1.94197	1.94197	0.159865	1.40463	1.40463	0.0129752	0.497761	-2.00899	8.3638	6.78153	0.720729	1
cg02397525	0.124015	0.77114	-1.29678	0.907674	0.982062	-1.01827	0.171503	0.796816	-1.255	0.540207	1.10158	1.10158	7.94578	3.06337	0.342698	1
cg15748897	0.438028	0.87514	-1.14267	0.000612651	0.410778	-2.4344	0.468876	1.13229	1.13229	0.286348	0.829717	-1.20523	7.2569	3.267	0.40017	1
cg02505681	0.923289	0.976731	-1.02382	0.00584818	0.413937	-2.41583	0.00589548	0.414488	-2.41262	0.220854	1.36974	1.36974	7.08319	6.70364	0.841259	1
cg12406027	0.136029	1.33207	1.33207	0.995372	0.998965	-1.00104	0.442076	1.15017	1.15017	0.00204851	2.17171	2.17171	5.42353	2.73667	0.448526	1
cg14479947	0.0222673	3.42333	3.42333	0.00276395	6.38783	6.38783	0.00571886	5.09153	5.09153	0.0982681	2.25816	2.25816	5.27628	16.8611	2.84057	1
cg06084073	0.122085	2.077	2.077	0.591432	1.26661	1.26661	0.0514553	2.6304	2.6304	0.0809542	2.32578	2.32578	4.89653	14.7546	2.67847	1
cg10373030	0.813341	1.03108	1.03108	0.235738	1.17445	1.17445	0.690776	0.949573	-1.0531	0.864006	0.978061	-1.02243	4.40061	1.1671	0.235745	1
cg12635019	0.434834	2.43951	2.43951	0.341661	0.333453	-2.99892	0.292219	0.293401	-3.4083	0.0142652	32.7124	32.7124	4.8745	83.6342	15.0128	1
cg25525379	0.774921	0.931352	-1.07371	0.00103636	0.299636	-3.33738	0.625447	0.885117	-1.12979	0.651564	0.893357	-1.11937	8.88037	8.65449	0.86628	1
cg10462820	0.674334	1.14484	1.14484	0.00330397	0.277809	-3.59959	0.0183904	0.400304	-2.4981	0.264858	0.689402	-1.45053	8.27471	13.4251	1.44216	1
cg08165794	0.0813337	1.28801	1.28801	0.00163884	1.80532	1.80532	0.0667854	1.30894	1.30894	0.225817	1.1813	1.1813	4.79349	1.30273	0.241574	1
cg24117963	0.0262753	1.77624	1.77624	0.128263	1.431	1.431	0.819853	0.951496	-1.05098	0.0431872	0.6023	-1.6603	3.74393	2.81716	0.668855	1
cg26314750	0.0196991	2.17271	2.17271	0.886288	1.0402	1.0402	0.0395703	1.92651	1.92651	0.578458	1.16721	1.16721	4.29083	5.15674	1.06827	1
cg12388309	?	?	?	?	?	?	0.215365	0.665936	-1.50164	0.00316191	0.218101	-4.58504	26.9287	27.641	0.73318	1
cg22457984	0.692923	1.0952	1.0952	0.0257275	0.545013	-1.83482	0.0439063	0.588243	-1.69998	0.856083	1.04248	1.04248	10.7231	8.91629	0.739117	1
cg12645220	0.290756	0.888375	-1.12565	0.69779	0.958749	-1.04303	0.00134355	0.604722	-1.65365	0.00216191	1.59171	1.59171	7.50497	1.38533	0.164079	1
cg02674474	0.296594	0.729703	-1.37042	0.0148151	0.417695	-2.39409	0.0380792	0.496552	-2.01389	0.708635	0.896457	-1.1155	6.30206	8.46255	1.19362	1
cg07601967	0.0334946	0.556394	-1.79729	0.0444436	1.72421	1.72421	0.982849	0.994939	-1.00509	0.297874	0.775155	-1.29006	5.54325	4.89032	0.784188	1
cg18034428	0.598611	0.957119	-1.0448	0.000449906	0.633486	-1.57857	0.308223	1.09092	1.09092	0.222832	0.899702	-1.11148	5.16402	0.556776	0.0958385	1
cg10514594	0.0893895	1.56485	1.56485	0.135389	0.680596	-1.4693	0.289742	1.30045	1.30045	0.585021	0.876486	-1.14092	7.6256	6.90333	0.804697	1
cg00905951	0.00760469	0.44364	-2.25408	0.00158503	0.34174	-2.9262	0.000788361	0.300785	-3.32464	0.51753	1.16808	1.16808	8.6113	7.64657	0.789307	1
cg08762306	0.0256661	1.50942	1.50942	0.0268203	1.50297	1.50297	0.340814	1.16473	1.16473	0.791744	0.959724	-1.04197	6.45812	2.46829	0.339733	1
cg03524104	0.0205034	0.728909	-1.37191	0.0185281	0.723637	-1.38191	0.231141	1.15289	1.15289	0.0368794	1.31598	1.31598	4.83091	0.981614	0.180617	1
cg10269081	0.34605	0.933155	-1.07163	0.00223266	1.35701	1.35701	0.0830677	1.14661	1.14661	0.493751	1.0508	1.0508	4.48487	0.361038	0.0715567	1
cg04035070	0.160464	1.74262	1.74262	0.591326	0.818101	-1.22234	0.128084	0.543702	-1.83924	0.899937	1.0477	1.0477	3.72109	0.808628	1.93164	1
cg24239420	0.389841	1.22599	1.22599	0.443425	0.834703	-1.19803	0.38195	0.812748	-1.23039	0.0943737	0.653651	-1.52987	16.4752	13.9504	0.752667	1
cg16527693	0.0108403	1.52576	1.52576	0.0386177	0.728827	-1.37207	0.68331	1.05565	1.05565	0.0123814	0.662904	-1.50851	8.8481	2.44342	0.245469	1
cg12628070	0.420966	0.867993	-1.15208	0.0105793	1.73968	1.73968	0.0728282	0.708502	-1.41143	0.467365	0.880428	-1.13581	7.54171	3.54188	0.417457	1
cg25985347	0.167515	0.774013	-1.29197	0.00219933	0.473556	-2.11168	0.0795363	1.40335	1.40335	0.112135	1.35148	1.35148	7.39169	3.54921	0.42681	1
cg09550768	0.00166235	0.379482	-2.63517	0.000953198	0.346313	-2.88756	0.957236	0.988517	-1.01162	0.126251	0.700276	-1.42801	6.15162	4.51914	0.653001	1
cg17914107	0.0326339	0.253213	-3.94925	0.00382598	0.117426	-8.51599	0.0982807	0.36931	-2.70775	0.0332904	0.254945	-3.92241	4.78257	22.8584	4.24847	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18413025	PALLD;PALLD	0.0195071	0.183808	0.556503	-1.79693	0.0150551	0.288836	-3.46217	0.0168966	0.297809	-3.35786	0.0223887	0.320687	-3.1183	0.0194761	0.309177	-3.23439	0.497095	0.750838	-1.33184	0.00375378	0.196684	-5.08429	0.29508	1.5704	1.5704	0.495366	0.749947	-1.33343	4.74457	12.9819	2.43214	1
cg24784416	PALLD;PALLD	0.0433594	0.0361632	0.338605	-2.9533	0.0108735	0.241403	-4.14246	0.0490874	0.368418	-2.71431	0.12835	0.481617	-2.07634	0.0313102	0.325361	-3.07351	0.10804	0.458691	-2.18012	0.00632843	0.205937	-4.85585	0.335413	0.643054	-1.55508	0.368763	0.663438	-1.5073	3.57476	11.1855	2.78136	1
cg07979388	PALLD;PALLD;PALLD	1.79E-05	0.802645	1.04384	1.04384	0.00111974	0.439447	-2.27559	0.000922962	0.428264	-2.33501	0.573592	1.10234	1.10234	4.48E-07	0.0868591	-11.5129	7.34E-05	0.290695	-3.44003	0.00200696	0.473757	-2.11079	0.436276	1.14579	1.14579	0.000593036	0.403008	-2.48134	34.8702	16.2155	0.413355	1
cg14041812	PALLD;PALLD;PALLD	0.000591389	0.0710851	0.671094	-1.4901	0.0978912	0.698244	-1.43216	0.000344021	0.319895	-3.12603	0.430288	1.17263	1.17263	6.63E-05	0.235283	-4.2502	0.0344092	1.62916	1.62916	0.0225421	1.7167	1.7167	0.60968	0.903161	-1.10722	0.0365172	0.618324	-1.61728	13.6387	8.45239	0.550874	1
cg27545565	PALLD;PALLD;PALLD	0.000711772	0.000988409	0.335477	-2.98083	0.00691918	0.458477	-2.18114	0.0056138	0.44432	-2.25063	0.00101011	0.336747	-2.96959	8.97E-05	0.209389	-4.7758	0.144429	0.70484	-1.41876	0.000290395	0.26754	-3.73776	0.152804	0.71061	-1.40724	0.0347516	0.577466	-1.73171	12.9503	10.2098	0.700787	1
cg21845300	PALLD;PALLD;PALLD	0.00707557	0.00401393	0.47042	-2.12576	0.267236	1.25292	1.25292	0.639942	0.912189	-1.09626	0.398285	1.18378	1.18378	0.111132	0.71279	-1.40294	0.00169691	0.417	-2.39808	0.0153434	1.78694	1.78694	0.737215	0.936416	-1.0679	0.0628489	0.664784	-1.50425	6.593	3.97372	0.535749	1
cg27640794	PALLD;PALLD;PALLD	0.0073714	0.393378	0.610537	-1.6379	0.13979	0.407926	-2.45143	0.00191209	0.0836975	-11.9478	0.00297858	0.100281	-9.972	0.0802879	0.334542	-2.98916	0.975525	1.01746	1.01746	0.00273155	0.0968513	-10.3251	0.10801	2.69033	2.69033	0.395362	0.61186	-1.63436	6.50916	32.8341	4.48382	1
cg08947774	PALLD;PALLD;PALLD	0.0113745	0.00543918	0.459116	-2.1781	0.392091	0.829755	-1.20517	0.0624104	0.639921	-1.56269	0.0145843	0.527139	-1.89703	0.0222972	0.558253	-1.7913	0.00728491	0.478709	-2.08895	0.0739831	1.52784	1.52784	0.786285	0.943795	-1.05955	0.0193569	0.547748	-1.82566	5.67094	4.06901	0.637795	1
cg16018921	PALLD;PALLD;PALLD	0.0165274	0.0106835	0.323826	-3.08808	0.00317279	0.242656	-4.12107	0.0229043	0.384287	-2.60222	0.312184	0.692572	-1.44389	0.0276986	0.400724	-2.49548	0.053463	0.462685	-2.1613	0.0206348	0.375511	-2.66304	0.824634	1.0811	1.0811	0.014208	0.345468	-2.89463	5.01651	9.80862	1.73802	1
cg04743106	PALLD;PALLD;PALLD	0.0201597	0.898487	0.970011	-1.03092	0.00276088	0.373429	-2.67789	0.00768477	0.441678	-2.26409	0.992007	1.00239	1.00239	0.125659	0.67344	-1.48491	0.851667	0.956326	-1.04567	0.0409618	1.75546	1.75546	0.383362	1.23769	1.23769	0.91594	0.975128	-1.02551	4.69186	4.22891	0.801182	1
cg01349691	PALLD;PALLD;PALLD	0.0225114	0.0222202	0.463001	-2.15982	0.00469935	0.348025	-2.87336	0.108894	0.611892	-1.63427	0.10653	0.609507	-1.64067	0.145615	0.644714	-1.55108	0.00595643	0.364146	-2.74615	0.0777741	0.576563	-1.73441	0.0341926	0.499448	-2.00221	0.0112572	0.40984	-2.43998	4.51813	5.64757	1.11109	1
cg20607169	PALLD;PALLD;PALLD	0.0413124	0.404455	0.816754	-1.22436	0.00766004	0.44338	-2.2554	0.00724016	0.439455	-2.27554	0.569458	0.872476	-1.14616	0.0253289	0.532128	-1.87925	0.0924038	0.64437	-1.5519	0.147328	0.691456	-1.44622	0.621193	1.12547	1.12547	0.0887659	0.640523	-1.56122	3.63951	3.24553	0.792666	1
cg12768523	PALLD;PALLD;PALLD	0.0435655	0.0568354	0.447611	-2.23408	0.0184121	0.344226	-2.90506	0.0468179	0.427957	-2.33668	0.870576	1.06269	1.06269	0.0296585	0.384943	-2.59779	0.111307	0.523691	-1.90952	0.00507821	0.251247	-3.98015	0.255605	0.642372	-1.55673	0.517771	0.783065	-1.27703	3.56845	7.85982	1.95785	1
cg03822639	PALLD;PALLD;PALLD	0.0446677	0.135302	0.36399	-2.74733	0.00151783	0.0568657	-17.5853	0.0339819	0.211444	-4.72939	0.469113	0.629787	-1.58784	0.0820905	0.2984	-3.35121	0.168789	0.398329	-2.51048	0.121206	0.348237	-2.87161	0.898009	1.08383	1.08383	0.674908	0.767349	-1.30319	3.53532	22.0665	5.5482	1
cg19780352	PALLD;PALLD;PALLD;PALLD	4.41E-05	0.24271	1.28177	1.28177	0.00653729	2.04918	2.04918	0.651553	1.09671	1.09671	0.0733607	0.6667	-1.49993	3.96E-06	0.113274	-8.82815	0.871461	1.03343	1.03343	0.701136	1.08145	1.08145	9.16E-06	0.142557	-7.01475	0.563282	0.888119	-1.12598	27.5257	17.9739	0.580431	1
cg16737267	PALLD;PALLD;PALLD;PALLD	6.70E-05	0.0110605	0.771175	-1.29672	0.000754487	0.659295	-1.51677	0.012909	0.777486	-1.2862	0.00299885	0.717558	-1.39362	0.000319923	0.6219	-1.60797	1.14E-05	0.467957	-2.13695	0.000173526	1.6817	1.6817	0.199296	0.895306	-1.11694	0.419351	0.934931	-1.0696	24.6337	2.59419	0.0936095	1
cg05477457	PALLD;PALLD;PALLD;PALLD	0.000202365	0.0927128	2.71925	2.71925	0.00160757	11.5451	11.5451	0.0439114	3.49791	3.49791	0.612483	0.758658	-1.31812	1.95E-05	0.00925139	-108.092	0.275776	1.84606	1.84606	0.570879	0.733663	-1.36302	0.000314729	0.0425376	-23.5086	0.474351	1.48204	1.48204	18.3127	84.8024	4.11627	1
cg16551732	PALLD;PALLD;PALLD;PALLD	0.000925149	0.131731	2.66673	2.66673	0.00962866	7.21001	7.21001	0.331332	1.82984	1.82984	0.0632277	0.283801	-3.5236	9.11E-05	0.0147632	-67.736	0.846481	1.12395	1.12395	0.741517	0.819104	-1.22085	0.000652307	0.0428313	-23.3474	0.718446	1.24392	1.24392	12.0286	69.2348	5.11629	1
cg04865319	PALLD;PALLD;PALLD;PALLD	0.00197088	0.26737	0.819418	-1.22038	0.617637	0.916908	-1.09062	0.00931498	0.566338	-1.76573	0.0300267	1.55258	1.55258	0.000172172	0.33287	-3.00417	0.153866	1.30102	1.30102	0.0132891	0.589313	-1.69689	0.343319	1.18325	1.18325	0.011568	0.580288	-1.72328	9.68318	4.55629	0.418255	1
cg17917529	PALLD;PALLD;PALLD;PALLD	0.00277326	0.0524114	1.60589	1.60589	0.0126214	0.513796	-1.9463	0.0110808	0.504585	-1.98182	0.638407	0.903353	-1.10699	0.154944	0.721177	-1.38662	0.380336	1.21318	1.21318	0.000258014	0.274865	-3.63814	0.00677458	0.470663	-2.12466	0.0270546	0.570035	-1.75428	8.7598	6.39754	0.649182	1
cg10612751	PALLD;PALLD;PALLD;PALLD	0.00437617	0.458898	0.86981	-1.14968	0.00418329	0.49181	-2.03331	0.0135496	0.568312	-1.7596	0.00167281	2.29608	2.29608	0.665078	0.922604	-1.08389	0.0195657	1.68502	1.68502	0.0494949	1.51366	1.51366	0.726235	0.937055	-1.06717	0.69458	1.07571	1.07571	7.6421	4.13995	0.481537	1
cg19921917	PALLD;PALLD;PALLD;PALLD	0.00871529	0.15537	0.529876	-1.88724	0.0952137	0.464957	-2.15074	0.111941	0.485261	-2.06075	0.0134277	0.27838	-3.59222	0.012001	0.270084	-3.70255	0.0576449	0.407896	-2.45161	0.000330366	0.0887844	-11.2632	0.527919	1.30622	1.30622	0.872468	0.935094	-1.06941	6.17497	17.0657	2.45661	1
cg01162108	PALLD;PALLD;PALLD;PALLD	0.00891602	0.219172	0.798751	-1.25195	0.00224531	0.475258	-2.10412	0.00724211	0.54743	-1.82672	0.251914	0.812102	-1.23137	0.0263787	1.58075	1.58075	0.141038	1.31691	1.31691	0.096799	1.37298	1.37298	0.171273	0.776234	-1.28827	0.416891	0.865649	-1.1552	6.13058	2.93601	0.4257	1
cg15718066	PALLD;PALLD;PALLD;PALLD	0.0105071	0.989841	0.999128	-1.00087	0.0662094	1.15165	1.15165	0.322253	1.07258	1.07258	0.263413	1.08317	1.08317	0.00460268	1.29488	1.29488	0.0104325	1.24727	1.24727	0.824831	1.01531	1.01531	0.286609	0.92698	-1.07877	0.00468202	0.772892	-1.29384	5.81767	0.432624	0.0661011	1
cg16737770	PALLD;PALLD;PALLD;PALLD	0.0134786	0.989011	1.00789	1.00789	0.0390234	3.90681	3.90681	0.309318	1.82238	1.82238	0.330725	0.564122	-1.77267	0.00534475	0.123321	-8.10891	0.330014	1.77425	1.77425	0.634422	1.31423	1.31423	0.0019601	0.082351	-12.1431	0.881985	1.08843	1.08843	5.3663	27.6534	4.58058	1
cg02595834	PALLD;PALLD;PALLD;PALLD	0.0142931	0.756938	0.964642	-1.03665	0.0256492	1.35984	1.35984	0.0514768	1.29313	1.29313	0.00965127	0.684006	-1.46198	0.01177	1.44025	1.44025	0.134677	0.829433	-1.20564	0.690824	0.954702	-1.04745	0.362469	0.897149	-1.11464	0.0607361	1.27781	1.27781	5.26389	1.12089	0.18928	1
cg26279614	PALLD;PALLD;PALLD;PALLD	0.0260796	0.654967	0.918073	-1.08924	0.00519515	0.496106	-2.0157	0.135656	0.736668	-1.35746	0.239103	0.79113	-1.26401	0.352531	0.833762	-1.19938	0.112146	0.719839	-1.3892	0.00814329	1.90348	1.90348	0.943879	0.98671	-1.01347	0.111739	0.719523	-1.38981	4.29348	2.45581	0.508431	1
cg15948536	PALLD;PALLD;PALLD;PALLD	0.0260965	0.00922127	0.163768	-6.1062	0.025572	0.234078	-4.27208	0.0403854	0.2736	-3.65497	0.0750653	0.337863	-2.95978	0.0174303	0.205057	-4.87668	0.330193	0.576928	-1.73332	0.00405466	0.120958	-8.26733	0.0616137	0.315859	-3.16597	0.0957972	0.367353	-2.72218	4.29251	20.3716	4.21853	1
cg24249031	PALLD;PALLD;PALLD;PALLD	0.0331197	0.541127	1.10257	1.10257	0.646761	1.07555	1.07555	0.345293	0.857767	-1.16582	0.57944	1.09238	1.09238	0.0175646	0.63375	-1.57791	0.927554	0.985748	-1.01446	0.00490921	1.80092	1.80092	0.119087	1.30604	1.30604	0.058208	1.40198	1.40198	3.94492	1.55658	0.350737	1
cg21204870	PALM2;PALM2	0.00117781	0.0207929	0.30704	-3.2569	0.000477506	0.0976356	-10.2422	0.00675492	0.225391	-4.43673	0.0174014	0.292697	-3.4165	0.000976154	0.124771	-8.01468	0.00904056	0.244641	-4.08762	0.000166161	0.0657495	-15.2092	0.0981751	0.463159	-2.15909	0.00334358	0.183701	-5.44361	11.2315	32.0259	2.53462	1
cg00752376	PALM2;PALM2	0.00344655	0.00235526	0.58665	-1.7046	0.0632737	0.769101	-1.30022	0.0186719	0.698852	-1.43092	0.0737779	0.778406	-1.28468	0.00665845	0.642398	-1.55667	0.679011	0.949042	-1.05369	0.000119784	0.429442	-2.3286	0.238005	0.856113	-1.16807	0.171443	0.832767	-1.20082	8.21152	2.0545	0.222397	1
cg21230400	PALM2;PALM2	0.0218455	0.174627	0.632337	-1.58144	0.0672229	0.521486	-1.9176	0.101877	0.566438	-1.76542	0.251334	0.683566	-1.46292	0.00503997	0.308079	-3.24593	0.647863	0.864184	-1.15716	0.00172706	0.241934	-4.13336	0.72888	1.11678	1.11678	0.0317223	0.449656	-2.22392	4.56496	7.28488	1.41851	1
cg21239436	PALM2;PALM2-AKAP2;PALM2-AKAP2;PALM2	0.000230053	0.000731398	0.37385	-2.67487	0.00755576	0.517539	-1.93222	0.0476262	0.647812	-1.54366	0.38821	1.18471	1.18471	0.000514906	0.353873	-2.82587	0.000105584	0.269171	-3.71512	0.0168361	1.74889	1.74889	0.620145	0.908682	-1.10049	0.000127922	0.278925	-3.58519	17.6858	10.289	0.517122	1
cg06953995	PALM2;PALM2-AKAP2;PALM2-AKAP2;PALM2	0.0142973	0.0188933	0.698498	-1.43164	0.390321	1.11749	1.11749	0.0124767	1.48036	1.48036	0.352822	0.886342	-1.12823	0.670102	0.947357	-1.05557	0.083617	0.785336	-1.27334	0.00303409	0.598933	-1.66964	0.246686	0.85824	-1.16518	0.317415	1.13931	1.13931	5.26337	1.32756	0.2242	1
cg13690280	PALM2;PALM2-AKAP2;PALM2;PALM2-AKAP2	0.00834301	0.00478903	0.177317	-5.63963	0.228575	0.557759	-1.79289	0.0287322	0.303649	-3.29327	0.0278581	0.300951	-3.32279	0.0462871	0.348276	-2.87129	0.249817	0.5737	-1.74307	0.000610905	0.0872352	-11.4633	0.757104	1.15412	1.15412	0.00984833	0.22154	-4.51387	6.26077	21.1655	3.00503	1
cg10994430	PALM2;PALM2-AKAP2;PALM2;PALM2-AKAP2	0.0138183	0.0214431	0.577559	-1.73143	0.937816	1.01562	1.01562	0.11244	1.40958	1.40958	0.33169	0.819592	-1.22012	0.101486	0.700343	-1.42787	0.872698	0.968648	-1.03237	0.000622766	0.351469	-2.8452	0.0388543	0.621815	-1.6082	0.689832	0.923404	-1.08295	5.32268	3.3266	0.555542	1
cg08167808	PALM3	0.000755381	0.675899	1.11111	1.11111	0.00206984	0.337286	-2.96485	0.917426	0.974348	-1.02633	0.0058058	0.404384	-2.4729	1.51E-05	0.105703	-9.46051	0.175945	0.697277	-1.43415	0.0167316	0.481029	-2.07888	0.0385219	0.548451	-1.82332	0.365845	0.792303	-1.26214	12.7359	12.6656	0.883977	1
cg06633013	PALM3	0.00115865	0.00096795	0.0424166	-23.5757	0.0348109	0.205391	-4.86875	0.0120936	0.133584	-7.48594	0.210107	0.427507	-2.33914	0.00151337	0.0528717	-18.9137	0.00623299	0.100867	-9.91406	0.000243989	0.0202083	-49.4846	0.000604791	0.0333028	-30.0275	0.0046521	0.0887629	-11.266	11.2841	73.9841	5.828	1
cg11437328	PALM3	0.00674493	0.177701	0.695061	-1.43872	0.985186	0.995296	-1.00473	0.000864352	0.280857	-3.56053	0.950006	0.984203	-1.01605	0.0291397	0.520536	-1.9211	0.695009	0.90478	-1.10524	0.00140152	0.308805	-3.23829	0.0384066	0.543783	-1.83897	0.00706019	0.413038	-2.42109	6.69203	6.83515	0.907899	1
cg21648202	PALM3	0.00986618	0.178003	0.449461	-2.22489	0.00280189	0.100138	-9.98618	0.0363558	0.256805	-3.894	0.0838497	0.343382	-2.91221	0.00869296	0.154366	-6.47811	0.34454	0.580422	-1.72288	0.00084293	0.0604982	-16.5294	0.184463	0.455421	-2.19577	0.0207718	0.211143	-4.73612	5.93613	29.3505	4.39501	1
cg11894951	PALM3	0.0186076	0.174701	1.25242	1.25242	0.378632	0.868634	-1.15123	0.436639	1.13171	1.13171	0.00821774	0.590281	-1.69411	0.00282062	0.526555	-1.89914	0.140477	0.780963	-1.28047	0.744441	0.95028	-1.05232	0.33186	0.855482	-1.16893	0.0740454	1.36397	1.36397	4.82091	1.85606	0.342224	1
cg01336912	PALM3	0.0325577	0.010812	0.443691	-2.25382	0.0175819	0.480297	-2.08205	0.043442	0.554595	-1.80312	0.129263	0.65962	-1.51602	0.00646274	0.407035	-2.45679	0.136238	0.665295	-1.50309	0.0162991	0.474456	-2.10768	0.223511	0.722786	-1.38354	0.112964	0.645376	-1.54948	3.96923	4.05071	0.907136	1
cg25903739	PALM;PALM	4.53E-06	6.77E-06	0.232312	-4.30456	0.219241	0.82796	-1.20779	0.00088023	0.482581	-2.07219	4.68E-06	0.215829	-4.63331	3.23E-07	0.113763	-8.79019	0.890665	1.0203	1.0203	0.121409	1.2781	1.2781	0.649674	0.935364	-1.0691	0.00022341	0.407518	-2.45388	49.7781	16.8333	0.300593	1
cg01476969	PALM;PALM	1.24E-05	0.0204307	0.750565	-1.33233	0.886687	1.01475	1.01475	0.370317	0.909845	-1.09909	0.000656707	1.7094	1.7094	0.0192002	0.747544	-1.33771	0.00767039	1.42179	1.42179	3.31E-05	0.437212	-2.28722	9.74E-07	3.75863	3.75863	0.00935131	1.40284	1.40284	38.3344	6.40341	0.148481	1
cg11642676	PALM;PALM	0.000171778	0.29606	0.829509	-1.20553	0.203193	0.79316	-1.26078	0.00291627	0.493809	-2.02508	0.710851	1.06635	1.06635	2.50E-06	0.139962	-7.1448	0.502133	0.889131	-1.12469	0.372698	0.85395	-1.17103	0.0017062	0.461714	-2.16584	0.00257532	0.486299	-2.05635	19.1435	9.02358	0.418992	1
cg07719523	PALM;PALM	0.000174155	0.0731859	0.749442	-1.33433	0.227789	1.20051	1.20051	1.00E-05	0.254432	-3.93032	0.136908	1.26022	1.26022	4.48E-05	0.327857	-3.05011	0.595637	1.08038	1.08038	0.868546	1.0242	1.0242	0.103088	0.773063	-1.29356	0.039732	0.709469	-1.4095	19.0725	6.2941	0.293341	1
cg27109482	PALM;PALM	0.000188625	0.403895	1.07589	1.07589	0.0593958	1.19991	1.19991	0.108777	1.16159	1.16159	0.0092195	1.32719	1.32719	0.32362	0.916399	-1.09123	0.133659	1.14859	1.14859	5.89E-06	0.418315	-2.39054	0.00329395	0.709718	-1.40901	0.156104	0.878148	-1.13876	18.665	2.168	0.103247	1
cg04289992	PALM;PALM	0.00111509	0.0027392	1.43259	1.43259	0.000219756	1.70814	1.70814	0.0239838	1.26381	1.26381	0.139366	1.14833	1.14833	0.0678534	0.837092	-1.19461	0.00798828	1.34392	1.34392	0.000266211	1.68281	1.68281	0.0784666	1.18523	1.18523	0.104676	1.16671	1.16671	11.4079	1.36573	0.106416	1
cg03125787	PALM;PALM	0.00125026	0.737956	0.947541	-1.05536	0.00404571	0.53821	-1.85801	0.384793	0.866754	-1.15373	0.338169	0.853466	-1.17169	6.27E-05	0.306343	-3.26432	0.399424	1.14848	1.14848	0.0297109	1.50779	1.50779	0.141173	1.28912	1.28912	0.00966541	0.59127	-1.69127	11.0416	4.50377	0.362569	1
cg18838910	PALM;PALM	0.00146512	0.818387	0.952968	-1.04935	0.906769	0.97576	-1.02484	0.966893	1.00873	1.00873	0.0557198	1.57467	1.57467	9.59E-05	0.233643	-4.28003	0.002014	0.401472	-2.49083	0.00971109	0.504001	-1.98412	0.15236	0.725345	-1.37865	0.00589628	0.470206	-2.12673	10.5508	7.33054	0.617589	1
cg01799015	PALM;PALM	0.00146909	0.00449774	0.543052	-1.84144	0.00070562	0.435058	-2.29854	0.000865964	0.446667	-2.23881	0.925518	1.01519	1.01519	0.000559007	0.421953	-2.36993	0.352464	1.16679	1.16679	0.0472009	0.693437	-1.44209	0.00476024	0.546472	-1.82992	0.293672	0.838948	-1.19197	10.5426	4.33966	0.365895	1
cg04527429	PALM;PALM	0.0037084	0.380378	0.817087	-1.22386	0.001233	0.346223	-2.88831	0.00128862	0.348851	-2.86655	0.176012	1.38125	1.38125	0.501608	1.16546	1.16546	0.297603	0.784729	-1.27433	0.00948992	0.478158	-2.09136	0.0545383	1.63178	1.63178	0.253292	1.30716	1.30716	8.03333	6.4127	0.709565	1
cg21088165	PALM;PALM	0.00527726	0.179336	0.555465	-1.80029	0.0146222	3.45326	3.45326	0.31503	1.53458	1.53458	0.447003	1.37642	1.37642	0.000234637	0.0809369	-12.3553	0.0343559	0.361521	-2.76609	0.677049	1.18845	1.18845	0.984259	1.00817	1.00817	0.909431	0.954175	-1.04803	7.21849	19.4255	2.39207	1
cg23473819	PALM;PALM	0.00672508	0.31146	0.777392	-1.28635	0.79889	1.06332	1.06332	0.00554745	2.40191	2.40191	0.165497	0.700686	-1.42717	0.158349	0.695842	-1.43711	0.051852	0.587407	-1.7024	0.000671651	0.286215	-3.49387	0.695474	0.909738	-1.09922	0.159734	1.43515	1.43515	6.69817	6.13446	0.814082	1
cg22382836	PALM;PALM	0.0140375	0.785313	1.08879	1.08879	0.104794	0.575618	-1.73726	0.630737	1.16287	1.16287	0.341372	0.736789	-1.35724	0.00295256	0.280399	-3.56635	0.0193357	0.414244	-2.41404	0.147008	0.615776	-1.62397	0.0093011	2.79547	2.79547	0.18282	0.643766	-1.55336	5.29523	8.14043	1.3665	1
cg00174901	PALM;PALM	0.0197093	0.8665	1.04389	1.04389	0.517406	0.845738	-1.1824	0.0012712	3.32049	3.32049	0.0405746	1.82883	1.82883	0.176837	0.693171	-1.44265	0.111284	0.642219	-1.5571	0.11944	0.649637	-1.53932	0.87844	1.03984	1.03984	0.687571	1.10872	1.10872	4.72801	4.87977	0.917421	1
cg13046237	PALM;PALM	0.0284369	0.457754	0.911442	-1.09716	0.0187781	1.41787	1.41787	0.938721	1.00947	1.00947	0.071492	1.27994	1.27994	0.324092	0.8826	-1.13302	0.121202	1.22883	1.22883	0.00236413	1.68205	1.68205	0.40033	0.899809	-1.11135	0.29244	1.14333	1.14333	4.16498	0.991951	0.211702	1
cg26561943	PALM;PALM	0.0295438	0.157645	0.516666	-1.93549	0.0195677	3.43156	3.43156	0.304303	1.59196	1.59196	0.133402	2.02906	2.02906	0.123815	0.482653	-2.07188	0.715016	1.17383	1.17383	0.273745	1.64507	1.64507	0.0051558	5.02466	5.02466	0.0573879	2.55856	2.55856	4.10911	12.4314	2.68918	1
cg10743569	PALM;PALM	0.0340919	0.802336	1.05316	1.05316	0.0256053	0.57833	-1.72912	0.0968264	0.68634	-1.457	0.266945	0.787548	-1.26976	0.769131	1.06266	1.06266	0.415613	0.842131	-1.18746	0.0071827	2.04753	2.04753	0.0844405	1.48311	1.48311	0.240117	1.28915	1.28915	3.90404	2.6366	0.600314	1
cg27563423	PALMD	0.0240511	0.47822	0.878249	-1.13863	0.00624043	1.89995	1.89995	0.845981	0.965589	-1.03564	0.0294009	1.58713	1.58713	0.955085	0.989909	-1.01019	0.004648	1.96965	1.96965	0.345967	1.19096	1.19096	0.118964	1.35623	1.35623	0.0255272	1.61259	1.61259	4.41614	2.26765	0.456437	1
cg27327508	PAM;PAM;PAM;PAM	0.0191802	0.756269	0.882794	-1.13277	0.188411	0.572344	-1.7472	0.675554	1.18358	1.18358	0.781371	0.894582	-1.11784	0.00042131	0.106714	-9.37086	0.0213575	0.330394	-3.02669	0.427969	0.723225	-1.38269	0.281777	0.638982	-1.56499	0.0791207	0.458156	-2.18266	4.7718	12.1162	2.257	1
cg11098622	PAM;PAM;PAM;PAM	0.0229525	0.723878	0.931581	-1.07344	0.00275667	0.438135	-2.2824	0.0280111	0.59534	-1.67971	0.326188	1.22451	1.22451	0.630788	1.10159	1.10159	0.0640108	0.659742	-1.51574	0.124977	1.39351	1.39351	0.97411	1.00651	1.00651	0.117588	1.40438	1.40438	4.48805	2.83768	0.562021	1
cg12183978	PAM;PAM;PAM;PAM	0.0399123	0.343644	0.766739	-1.30422	0.482288	1.21463	1.21463	0.0407438	0.525632	-1.90247	0.230572	0.710035	-1.40838	0.801154	0.933597	-1.07113	0.612601	1.14916	1.14916	0.00123465	0.276359	-3.61848	0.959616	1.01388	1.01388	0.178751	0.677778	-1.47541	3.68612	4.32772	1.04361	1
cg23492399	PAM;PAM;PAM;PAM;PAM;PAM;PAM;PAM	0.0184719	0.0540228	0.677625	-1.47574	0.0900183	0.717134	-1.39444	0.0240162	1.61451	1.61451	0.00702338	0.537843	-1.85928	0.267267	0.814116	-1.22833	0.0824098	0.710102	-1.40825	0.0954562	0.721856	-1.38532	0.0101389	0.561527	-1.78086	0.706413	0.934881	-1.06965	4.83283	2.42356	0.445758	1
cg10832281	PAMR1;PAMR1	1.74E-05	0.16101	1.15612	1.15612	0.367293	0.914169	-1.09389	1.26E-05	2.43615	2.43615	4.16E-06	2.80861	2.80861	0.620501	0.952787	-1.04955	0.0157122	1.33226	1.33226	7.65E-05	0.499245	-2.00302	0.00952723	0.727459	-1.37465	0.0204689	1.31076	1.31076	35.121	5.22264	0.132182	1
cg01664929	PAMR1;PAMR1	0.0076505	0.707145	0.876848	-1.14045	0.0281389	0.405412	-2.46663	0.0406063	0.438989	-2.27796	0.790675	0.911526	-1.09706	0.00100634	0.182732	-5.4725	0.55519	0.812365	-1.23097	0.000888871	0.176647	-5.66101	0.373433	0.727487	-1.37459	0.0161717	0.358971	-2.78574	6.43381	12.3554	1.707	1
cg15406469	PAMR1;PAMR1	0.0383268	0.0380825	2.22971	2.22971	0.0143016	2.73879	2.73879	0.202477	1.56643	1.56643	0.0805355	1.90884	1.90884	0.964816	1.01482	1.01482	0.114551	1.77259	1.77259	0.56035	0.821688	-1.21701	0.00328765	3.80336	3.80336	0.398654	1.33404	1.33404	3.74139	6.59179	1.56609	1
cg01049691	PAN2;PAN2;CNPY2;PAN2	0.0118001	0.0312723	0.662652	-1.50909	0.00829439	0.577171	-1.73259	0.0452908	1.45352	1.45352	0.488909	1.1213	1.1213	0.590359	0.915302	-1.09254	0.0916599	0.739008	-1.35317	0.0350478	0.670361	-1.49173	0.00407613	0.533759	-1.8735	0.375566	1.15963	1.15963	5.60394	2.35382	0.373359	1
cg06526326	PAN2;PAN2;PAN2	6.08E-06	0.00414432	0.715329	-1.39796	0.00103257	0.654612	-1.52762	0.00712876	1.35381	1.35381	0.00896842	0.748505	-1.336	1.56E-07	0.240914	-4.15085	0.000205941	0.581649	-1.71925	0.0027977	1.432	1.432	0.0024349	0.692288	-1.44449	0.00165855	0.675512	-1.48036	46.1365	5.55112	0.106951	1
cg02705573	PAN2;PAN2;PAN2	0.000359946	0.000473928	2.93558	2.93558	0.159992	0.744886	-1.34249	0.000463084	0.339354	-2.94678	0.00268785	0.443166	-2.25649	0.630483	1.09976	1.09976	0.000289236	0.313475	-3.19005	0.0737968	0.676396	-1.47842	0.10953	0.710141	-1.40817	0.00285904	0.447014	-2.23707	15.6483	9.53848	0.541827	1
cg17652818	PAN2;PAN2;PAN2	0.0245843	0.928699	0.961187	-1.04038	0.3844	1.48361	1.48361	0.00254058	0.156812	-6.37706	0.947937	0.971529	-1.02931	0.0858172	0.431817	-2.3158	0.409168	1.45263	1.45263	0.319093	1.57686	1.57686	0.0405755	2.84617	2.84617	0.0708688	2.44164	2.44164	4.38269	13.58	2.75427	1
cg23149472	PAN2;PAN2;PAN2	0.0419565	0.415636	1.20357	1.20357	0.968413	0.99122	-1.00886	0.673419	1.099	1.099	0.0442603	1.67298	1.67298	0.00287964	0.401376	-2.49143	0.187443	0.732623	-1.36496	0.258416	0.769043	-1.30032	0.3782	1.22305	1.22305	0.489549	1.16921	1.16921	3.61872	2.84239	0.698196	1
cg00394830	PAN2;PAN2;PAN2	0.0441003	0.110157	1.39017	1.39017	0.555845	0.893402	-1.11932	0.0707621	1.46524	1.46524	0.0397975	1.56783	1.56783	0.0491511	0.653845	-1.52941	0.494378	0.876961	-1.1403	0.0194283	0.585892	-1.7068	0.741358	1.06467	1.06467	0.573169	1.11372	1.11372	3.55225	2.0139	0.503944	1
cg15035273	PAN2;PAN2;PAN2;PAN2	0.00111263	0.77228	1.01879	1.01879	0.150775	0.905955	-1.10381	0.000240958	1.47647	1.47647	0.167834	0.910027	-1.09887	0.268983	1.07663	1.07663	0.0139388	1.21507	1.21507	0.0223505	0.838984	-1.19192	0.411962	0.947618	-1.05528	0.000400667	1.435	1.435	11.4151	0.743714	0.0579126	1
cg06561366	PAN2;PAN2;PAN2;PAN2	0.0151419	0.00833823	0.275245	-3.63313	0.6302	0.836433	-1.19555	0.0320607	0.387885	-2.57808	0.103536	0.514817	-1.94244	0.0224367	0.355171	-2.81554	0.0298583	0.381177	-2.62346	0.00706954	0.263282	-3.79821	0.00463012	0.234222	-4.26945	0.0054518	0.245171	-4.07879	5.80027	12.1628	1.63095	1
cg26105057	PAN2;PAN2;PAN2;PAN2;PAN2	0.0184738	0.22818	0.648868	-1.54115	0.00365604	3.835	3.835	0.00163368	4.67819	4.67819	0.614535	1.18964	1.18964	0.661259	1.16274	1.16274	0.158624	1.67413	1.67413	0.774055	0.906261	-1.10343	0.797234	0.915721	-1.09204	0.111988	1.80728	1.80728	4.83266	8.9502	1.64624	1
cg08702007	PAN3;LOC100288730;PAN3	0.0117315	0.180963	0.780436	-1.28133	0.00177366	0.459866	-2.17455	0.332511	1.19063	1.19063	0.24781	1.23476	1.23476	0.0520037	1.47084	1.47084	0.57631	0.90617	-1.10355	0.0416005	1.50686	1.50686	0.0283701	1.57088	1.57088	0.175951	1.28549	1.28549	5.61453	2.70872	0.428843	1
cg25935831	PAN3;PAN3	0.0112428	0.0672276	1.47263	1.47263	0.00824349	0.528536	-1.89202	0.334487	0.828753	-1.20663	0.600833	0.905181	-1.10475	0.0221923	1.67764	1.67764	0.718672	1.07065	1.07065	0.00225258	2.2408	2.2408	0.132474	1.35846	1.35846	0.517052	1.13197	1.13197	5.6923	3.2104	0.501325	1
cg03421069	PAN3;PAN3	0.0117117	0.0645895	1.4149	1.4149	0.00155367	0.467393	-2.13953	0.00549637	0.543219	-1.84088	0.139816	0.766745	-1.30422	0.327014	1.18431	1.18431	0.551495	1.10597	1.10597	0.453996	1.136	1.136	0.126296	0.758417	-1.31854	0.513796	0.895209	-1.11706	5.6176	2.48664	0.393468	1
cg03830597	PAN3;PAN3	0.0200651	0.0262579	0.234551	-4.26346	0.107636	0.38066	-2.62702	0.0410399	0.273368	-3.65807	0.220481	0.49233	-2.03116	0.0204984	0.215298	-4.64472	0.0304604	0.246838	-4.05124	0.00150228	0.0807421	-12.3851	0.199405	0.474342	-2.10818	0.0140405	0.188593	-5.30243	4.69937	22.5213	4.25992	1
cg14154441	PAN3;PAN3	0.0385319	0.0593081	0.577384	-1.73195	0.104093	1.58159	1.58159	0.338104	0.775108	-1.29014	0.0110731	0.439608	-2.27476	0.372696	1.2663	1.2663	0.00892074	0.423882	-2.35915	0.552674	0.85645	-1.16761	0.974725	1.00821	1.00821	0.227152	0.721012	-1.38694	3.73409	3.93599	0.936953	1
cg09747456	PANK1	0.0280218	0.652025	0.813788	-1.22882	0.0347483	3.05621	3.05621	0.0152189	3.86942	3.86942	?	?	?	0.945221	1.03168	1.03168	0.0214106	0.285138	-3.50707	?	?	?	0.0677475	2.53154	2.53154	0.736544	1.16564	1.16564	4.34753	11.0343	2.90065	1
cg18222926	PANK1;PANK1;PANK1	1.43E-05	6.54E-05	0.313736	-3.1874	0.133562	0.774157	-1.29173	0.000125452	0.34756	-2.8772	0.000243735	0.383114	-2.61019	0.000712671	0.442465	-2.26007	0.0282821	0.663878	-1.5063	1.15E-06	0.135987	-7.35367	0.105424	1.32291	1.32291	1.29E-05	0.234616	-4.26228	36.9796	14.6562	0.352294	1
cg17051995	PANK1;PANK1;PANK1	0.00227387	0.00275852	0.309777	-3.22813	0.00409963	0.335259	-2.98277	0.00455998	0.342317	-2.92127	0.0427655	0.515925	-1.93827	0.00239552	0.300997	-3.32229	0.109946	0.609914	-1.63957	0.000189126	0.167566	-5.9678	0.765286	0.918547	-1.08868	0.0669963	0.55842	-1.79077	9.28704	11.8445	1.13367	1
cg19147534	PANK1;PANK1;PANK1	0.00326955	0.00926183	0.386949	-2.58432	0.00091902	0.240787	-4.15304	0.0669575	0.554096	-1.80474	0.0831783	1.73582	1.73582	0.00646133	0.361276	-2.76797	0.136295	0.630339	-1.58645	0.017307	0.434528	-2.30135	0.0352878	2.02356	2.02356	0.0435407	0.513092	-1.94897	8.34183	10.921	1.16372	1
cg12226046	PANK1;PANK1;PANK1	0.0468853	0.0558358	0.731958	-1.3662	0.0111123	0.632229	-1.5817	0.756238	1.04587	1.04587	0.724707	0.950349	-1.05224	0.946604	1.00969	1.00969	0.505543	0.907285	-1.10219	0.00300064	0.556462	-1.79707	0.87105	1.02367	1.02367	0.384333	0.879443	-1.13708	3.47161	1.14052	0.292024	1
cg01983504	PANK2;MIR103-2;PANK2;PANK2	3.63E-05	0.000373682	0.432344	-2.31297	0.845971	0.971748	-1.02907	0.307973	1.16824	1.16824	7.31E-05	2.89534	2.89534	0.000251247	0.410782	-2.43438	0.0197106	0.66032	-1.51442	0.000991589	0.486279	-2.05643	3.16E-05	3.30361	3.30361	0.184382	0.812637	-1.23056	28.9723	9.96317	0.305677	1
cg25085038	PANK2;MIR103-2;PANK2;PANK2	0.000120378	0.00293845	0.426759	-2.34324	0.0240414	0.570592	-1.75257	0.00608642	0.473977	-2.10981	0.0073743	0.48684	-2.05406	3.43E-05	0.187996	-5.31925	0.595052	0.89419	-1.11833	9.10E-05	0.23268	-4.29775	0.00129217	2.6577	2.6577	0.000853807	0.351865	-2.842	21.0673	14.5008	0.61183	1
cg12617066	PANK2;MIR103-2;PANK2;PANK2	0.00758418	0.206192	0.690226	-1.4488	0.386684	1.27982	1.27982	0.00821558	0.390581	-2.56029	0.147715	1.5401	1.5401	0.00463622	0.350925	-2.84961	0.764274	1.08721	1.08721	0.00852676	0.393254	-2.54288	0.0440007	1.90313	1.90313	0.0287985	0.488277	-2.04802	6.4514	7.89875	1.08831	1
cg24825299	PANK2;MIR103-2;PANK2;PANK2	0.043986	0.0651716	0.363673	-2.74972	0.0096839	0.202073	-4.9487	0.0225594	0.263302	-3.79792	0.803413	1.12959	1.12959	0.0306145	0.289095	-3.45907	0.0859914	0.395769	-2.52673	0.0163291	0.238255	-4.19718	0.618546	0.782519	-1.27792	0.565056	0.752648	-1.32864	3.55569	13.4415	3.36025	1
cg23650853	PANK2;MIR103-2;PANK2;PANK2	0.0439936	0.0601542	0.479918	-2.08369	0.0637446	0.485947	-2.05784	0.528966	0.801833	-1.24714	0.293257	1.45865	1.45865	0.0239482	0.393463	-2.54154	0.0176495	0.368066	-2.7169	0.0538141	0.468555	-2.13422	0.171602	1.65523	1.65523	0.763892	0.900948	-1.10994	3.55546	6.75131	1.68787	1
cg25184787	PANK2;MIR103-2AS;PANK2;PANK2	0.047493	0.565643	0.827204	-1.20889	0.124484	1.72174	1.72174	0.231983	0.663985	-1.50606	0.33425	1.38447	1.38447	0.00337154	0.271828	-3.6788	0.0973782	0.551984	-1.81165	0.274723	0.689883	-1.44952	0.305606	1.41414	1.41414	0.321153	0.715458	-1.39771	3.4548	5.83877	1.50226	1
cg23908269	PANK2;PANK2	0.028452	0.0503522	0.49219	-2.03174	0.0721697	0.528482	-1.89221	0.81805	1.07598	1.07598	0.186289	1.56091	1.56091	0.0427134	0.476467	-2.09878	0.297306	0.709377	-1.40969	0.00337256	0.281642	-3.55061	0.0205039	0.411829	-2.42819	0.468749	0.791159	-1.26397	4.1642	6.66038	1.42172	1
cg02187196	PANK2;PANK2;PANK2	5.33E-05	0.576688	1.08485	1.08485	0.756584	1.04592	1.04592	0.0198413	1.501	1.501	0.530214	0.912268	-1.09617	7.78E-07	0.147056	-6.80012	0.131119	1.2654	1.2654	0.0113875	0.632909	-1.58001	0.0032255	0.559712	-1.78663	0.290022	0.853353	-1.17185	26.1736	8.64446	0.293577	1
cg14025831	PANK2;PANK2;PANK2	0.00395418	0.000848824	0.124254	-8.04805	0.665576	1.19822	1.19822	0.452531	0.727425	-1.37471	0.423409	0.711767	-1.40495	0.0107851	0.263974	-3.78825	0.404342	0.701298	-1.42593	0.000939902	0.128472	-7.78378	0.136415	1.94887	1.94887	0.00835478	0.246239	-4.0611	7.8798	21.5807	2.43443	1
cg10245697	PANK2;PANK2;PANK2	0.0437123	0.891136	1.01553	1.01553	0.156378	1.18602	1.18602	0.133686	1.19963	1.19963	0.643244	0.948871	-1.05388	0.431861	1.09446	1.09446	0.183234	0.853087	-1.17221	0.00245047	0.622359	-1.60679	0.522065	0.929593	-1.07574	0.277153	1.13562	1.13562	3.56398	0.714658	0.178242	1
cg06584619	PANK2;PANK2;PANK2;PANK2	0.000505061	0.999493	1.00013	1.00013	0.251649	1.27926	1.27926	0.0855009	1.4783	1.4783	0.339268	0.816646	-1.22452	0.145723	0.725271	-1.37879	0.874927	0.968126	-1.03292	6.81E-06	0.128386	-7.78903	0.803163	1.0527	1.0527	0.0945287	1.45926	1.45926	14.2506	9.54448	0.59534	1
cg13012245	PANK3	0.00292202	0.0738667	0.880501	-1.13572	0.524422	0.959632	-1.04207	0.921049	1.00635	1.00635	0.201112	0.917372	-1.09007	0.0118885	0.818275	-1.22208	0.0013476	0.742702	-1.34644	0.012718	1.21869	1.21869	0.853323	1.01189	1.01189	0.00196255	1.32252	1.32252	8.62529	0.557383	0.0574417	1
cg18089335	PANK3	0.0189424	0.00413731	0.526488	-1.89938	0.555888	1.1045	1.1045	0.218877	0.805924	-1.24081	0.449826	0.879422	-1.13711	0.119699	0.754496	-1.32539	0.0052365	0.540883	-1.84883	0.243225	0.815666	-1.22599	0.109098	1.33849	1.33849	0.023757	0.637419	-1.56883	4.79198	2.11297	0.391946	1
cg24005340	PANK3	0.0257513	0.524253	0.947129	-1.05582	0.0669151	0.841233	-1.18873	0.27349	1.10067	1.10067	0.456501	0.938162	-1.06591	0.752243	1.02702	1.02702	0.219509	1.11481	1.11481	0.0241871	0.797538	-1.25386	0.010831	0.763864	-1.30913	0.00607841	0.73969	-1.35192	4.31252	0.483916	0.0997438	1
cg16535891	PANK3;PANK3	0.0104243	0.0125522	0.640164	-1.5621	0.394057	0.882128	-1.13362	0.00775673	1.63433	1.63433	0.424503	1.12432	1.12432	0.0191332	0.665413	-1.50283	0.00568106	0.59381	-1.68404	0.830742	1.03123	1.03123	0.665831	1.06441	1.06441	0.27721	1.17628	1.17628	5.83247	1.90658	0.290569	1
cg13404558	PANK3;PANK3	0.01591	0.32415	0.891625	-1.12155	0.00371585	0.643048	-1.55509	0.0448889	0.771569	-1.29606	0.0535498	1.28016	1.28016	0.0142053	0.711213	-1.40605	0.0438128	0.770261	-1.29826	0.163077	0.845593	-1.1826	0.873136	0.982159	-1.01816	0.20778	1.1614	1.1614	5.08052	1.02114	0.178659	1
cg06866616	PANK4	2.22E-06	0.00194945	1.37486	1.37486	3.29E-07	2.93971	2.93971	0.000255503	1.54906	1.54906	0.0143786	1.24514	1.24514	0.00529135	1.30619	1.30619	0.00239063	1.36009	1.36009	0.260485	0.918252	-1.08903	1.38E-07	3.33851	3.33851	5.58E-05	1.72387	1.72387	59.8057	5.00126	0.0743334	1
cg06536150	PANK4	0.000381105	0.815181	0.949692	-1.05297	0.326996	0.800059	-1.24991	0.86338	0.962745	-1.0387	0.853355	0.960031	-1.04163	0.273952	0.778054	-1.28526	0.298965	0.788742	-1.26784	3.16E-06	0.087517	-11.4264	0.176751	1.37238	1.37238	0.306269	0.791753	-1.26302	15.4042	11.8561	0.684147	1
cg27442054	PANK4	0.000798307	0.0991044	0.853655	-1.17143	0.000346616	1.65479	1.65479	0.160815	1.14007	1.14007	0.0142682	1.30277	1.30277	0.109888	0.858549	-1.16476	0.159845	1.14047	1.14047	0.000176241	1.74475	1.74475	0.500525	0.941913	-1.06167	0.0182767	0.778273	-1.2849	12.5396	1.52104	0.107822	1
cg24720621	PANK4	0.000949108	0.0315825	0.847124	-1.18046	0.496463	1.04649	1.04649	0.0816285	1.13544	1.13544	0.457587	1.05105	1.05105	0.0438602	0.858592	-1.1647	8.28E-05	0.627168	-1.59447	0.00204667	1.3311	1.3311	0.18592	1.0967	1.0967	0.0963003	1.12771	1.12771	11.9419	0.819327	0.0609859	1
cg20332471	PANK4	0.00142406	0.411333	1.27496	1.27496	0.0127083	2.44841	2.44841	0.334063	1.33388	1.33388	0.977754	0.99197	-1.0081	8.39E-05	0.129246	-7.7372	0.00132891	0.259336	-3.85601	0.770177	1.0884	1.0884	0.574598	0.848752	-1.1782	0.312247	0.739138	-1.35293	10.6373	14.0867	1.17712	1
cg19713963	PANK4	0.00322324	0.47992	1.24756	1.24756	0.00470568	3.18012	3.18012	0.0238225	2.29504	2.29504	0.992173	0.996983	-1.00303	0.00154905	0.246111	-4.06321	0.00918145	0.360987	-2.77019	0.0107205	0.372422	-2.68513	0.627506	1.16254	1.16254	0.685594	1.13356	1.13356	8.37737	12.5872	1.33557	1
cg23665250	PANK4	0.00338871	0.00885698	1.81434	1.81434	6.72E-05	3.68863	3.68863	0.013849	1.72255	1.72255	0.0139253	1.72147	1.72147	0.735866	1.06241	1.06241	0.140119	1.32819	1.32819	0.344573	1.19014	1.19014	0.346271	1.18937	1.18937	0.100859	1.37892	1.37892	8.25317	4.17895	0.450084	1
cg15595501	PANK4	0.00423208	0.00951843	0.771207	-1.29667	0.0191107	1.25149	1.25149	0.512024	1.05401	1.05401	0.46837	1.0601	1.0601	0.467999	1.06015	1.06015	0.0129213	1.27647	1.27647	0.753921	0.975433	-1.02519	0.331718	0.923842	-1.08244	0.000372549	1.56883	1.56883	7.71993	0.76499	0.0880826	1
cg10321120	PANK4	0.00558874	0.0123458	0.460727	-2.17048	0.411828	0.811609	-1.23212	0.349022	0.786772	-1.27102	0.00404028	0.382705	-2.61298	0.00126533	0.31027	-3.223	0.00157523	0.323314	-3.09297	0.0310618	0.532798	-1.87688	0.668846	1.11297	1.11297	0.0231494	0.508949	-1.96483	7.0926	6.95079	0.871117	1
cg09828310	PANK4	0.0060653	0.699494	1.07954	1.07954	0.000563692	2.87125	2.87125	0.00884556	1.93012	1.93012	0.118642	0.715871	-1.3969	0.201947	0.766545	-1.30456	0.833826	0.959393	-1.04233	0.00562355	2.0487	2.0487	0.694817	1.08091	1.08091	0.942276	0.985812	-1.01439	6.916	4.26478	0.548136	1
cg20950978	PANK4	0.010508	0.00377022	0.535276	-1.8682	0.222795	0.814806	-1.22729	0.160279	0.786771	-1.27102	0.00393634	0.537849	-1.85926	0.00128933	0.472441	-2.11667	0.224343	0.815419	-1.22636	0.0206282	0.640387	-1.56156	0.899294	0.979963	-1.02045	0.859178	0.972008	-1.0288	5.81751	2.35479	0.359801	1
cg24046159	PANK4	0.0124848	0.508609	1.24872	1.24872	0.00501806	0.292407	-3.41989	0.121813	1.74287	1.74287	0.830299	0.931376	-1.07368	0.0876201	0.535503	-1.8674	0.02932	0.427276	-2.34041	0.00281088	0.255772	-3.90973	0.144985	0.595427	-1.67947	0.0295888	0.428084	-2.33599	5.50222	9.56121	1.54462	1
cg25386426	PANK4	0.0137565	0.261644	0.721805	-1.38542	0.661403	0.884494	-1.13059	0.130756	1.57531	1.57531	0.00221601	3.30041	3.30041	0.0213518	0.462854	-2.16051	0.0280881	2.05938	2.05938	0.445358	0.805201	-1.24193	0.152788	0.652817	-1.53182	0.315257	1.33535	1.33535	5.33052	6.54796	1.0919	1
cg11455386	PANK4	0.0148149	0.788675	0.958376	-1.04343	0.141828	1.28398	1.28398	0.523341	1.10778	1.10778	0.0193141	0.63905	-1.56482	0.00394401	1.84727	1.84727	0.0306415	1.49467	1.49467	0.0251897	0.656194	-1.52394	0.391725	1.14898	1.14898	0.944708	0.989084	-1.01104	5.20201	2.06341	0.352583	1
cg17797446	PANK4	0.0183658	0.692382	0.929769	-1.07554	0.417743	1.16375	1.16375	0.207683	0.78404	-1.27544	0.774308	1.05406	1.05406	0.000426716	0.360086	-2.77712	0.149028	0.753232	-1.32761	0.952417	1.01099	1.01099	0.207166	1.27584	1.27584	0.446953	1.15252	1.15252	4.84223	2.57184	0.472114	1
cg07762402	PANK4	0.0201874	0.0625906	0.423113	-2.36343	0.925013	1.0394	1.0394	0.445995	0.72698	-1.37555	0.0503792	2.49794	2.49794	0.126855	0.50776	-1.96944	0.752842	1.13844	1.13844	0.000932166	0.131583	-7.59975	0.573255	0.791671	-1.26315	0.130372	0.511424	-1.95532	4.68967	12.5131	2.37175	1
cg17838553	PANK4	0.0333054	0.994541	0.999145	-1.00086	0.198823	0.843799	-1.18512	0.401474	1.1134	1.1134	0.136884	0.818375	-1.22193	0.50383	1.08856	1.08856	0.844832	1.02481	1.02481	0.00132799	1.79301	1.79301	0.128206	1.22838	1.22838	0.163477	1.20446	1.20446	3.937	0.975619	0.220274	1
cg16987365	PANK4	0.03348	0.20961	1.8567	1.8567	0.0952465	2.35793	2.35793	0.0229335	3.57277	3.57277	0.0150186	4.05082	4.05082	0.0243309	0.284805	-3.51117	0.573008	0.766046	-1.3054	0.184401	0.517449	-1.93256	0.681428	1.21307	1.21307	0.664184	1.2268	1.2268	3.9296	13.6286	3.08285	1
cg00007981	PANX1	0.000817746	0.322513	0.873568	-1.14473	1.55E-05	3.26086	3.26086	0.0182374	1.46089	1.46089	0.116934	1.25267	1.25267	0.0515928	1.34051	1.34051	0.0607698	0.756087	-1.3226	0.846998	1.02588	1.02588	0.0358093	1.38135	1.38135	0.0820289	1.29028	1.29028	12.4549	3.451	0.246293	1
cg06569913	PANX1	0.000937678	0.00132513	0.133005	-7.51854	0.000122554	0.0552485	-18.1001	0.278367	0.614489	-1.62737	0.0186994	0.291932	-3.42545	0.00195689	0.150838	-6.62964	0.00259784	0.164854	-6.06596	0.00656869	0.217601	-4.59556	0.299727	1.5909	1.5909	0.00326205	0.176797	-5.65622	11.983	35.4224	2.62761	1
cg02251771	PANX1	0.00147927	0.0021763	0.177097	-5.64661	0.0475014	2.49043	2.49043	0.111227	2.01046	2.01046	0.900286	1.05175	1.05175	0.000182581	0.078324	-12.7675	0.100209	0.484355	-2.0646	0.356087	0.682442	-1.46533	0.9878	0.993864	-1.00617	0.00181859	0.167952	-5.95407	10.5216	26.9985	2.28088	1
cg06368859	PANX1	0.00261567	0.857815	0.941526	-1.06211	0.0258283	2.43313	2.43313	0.284766	1.45256	1.45256	0.165441	1.64388	1.64388	0.00585978	0.297637	-3.3598	0.299555	1.43509	1.43509	0.00243645	4.12667	4.12667	0.000317152	7.09665	7.09665	0.911973	0.963526	-1.03785	8.91248	15.9347	1.58926	1
cg23560756	PANX1	0.00937319	0.000890918	3.1448	3.1448	0.0439606	0.586865	-1.70397	0.383561	0.814075	-1.22839	0.211986	1.35348	1.35348	0.207015	1.35847	1.35847	0.0407998	1.72225	1.72225	0.659495	1.10747	1.10747	0.848566	1.04499	1.04499	0.0067959	2.24221	2.24221	6.03396	5.06509	0.74616	1
cg08795962	PANX1	0.0119086	0.258991	1.42398	1.42398	0.486754	0.808896	-1.23625	0.0409563	0.492628	-2.02993	0.167382	1.55537	1.55537	0.623365	0.861952	-1.16016	0.687081	1.12923	1.12923	0.000523027	0.197332	-5.06761	0.844111	1.06087	1.06087	0.024949	0.44897	-2.22732	5.58734	7.97118	1.26813	1
cg24554151	PANX1	0.0155137	0.0125781	0.500375	-1.9985	0.305312	0.789122	-1.26723	0.900497	0.972477	-1.0283	0.399539	1.21218	1.21218	0.0767952	0.644614	-1.55132	0.00860449	0.4735	-2.11193	0.0283574	0.561347	-1.78143	0.988698	0.996845	-1.00317	0.00186838	0.373636	-2.6764	5.12324	4.03924	0.700813	1
cg23879400	PANX1	0.0200079	0.454396	0.767553	-1.30284	0.585074	0.825798	-1.21095	0.147567	1.71504	1.71504	0.0713975	0.497069	-2.01179	0.71616	0.880938	-1.13515	0.0396653	0.437861	-2.28383	0.000727484	0.168015	-5.95186	0.504576	0.790507	-1.26501	0.063314	0.484322	-2.06474	4.70393	8.97884	1.69671	1
cg21208539	PANX1	0.0233941	0.0198806	0.198283	-5.04329	0.0163016	0.184417	-5.4225	0.370848	0.589246	-1.69708	0.129513	0.389545	-2.56709	0.0454771	0.267039	-3.74478	0.43331	0.631144	-1.58443	0.00227882	0.0857662	-11.6596	0.238061	0.490983	-2.03673	0.00924336	0.149337	-6.69627	4.45864	23.3949	4.66408	1
cg17569080	PANX1	0.0322578	0.207442	1.16329	1.16329	0.842185	1.02294	1.02294	0.130227	1.20438	1.20438	0.927187	1.01045	1.01045	0.00797534	1.47249	1.47249	0.450221	0.916183	-1.09148	0.075341	0.798289	-1.25268	0.0501373	0.775604	-1.28932	0.054379	0.780067	-1.28194	3.98242	0.81654	0.182255	1
cg15007472	PANX1	0.0361305	0.0300982	0.497788	-2.00889	0.158411	0.662098	-1.51035	0.18612	0.68157	-1.4672	0.358753	0.772534	-1.29444	0.00399614	0.34713	-2.88076	0.145026	0.651797	-1.53422	0.113963	0.624833	-1.60043	0.379555	0.781511	-1.27957	0.00403654	0.347793	-2.87527	3.82281	4.52825	1.05292	1
cg06116095	PANX1	0.0382817	0.926347	1.01524	1.01524	0.23111	0.814243	-1.22814	0.0309288	0.660665	-1.51363	0.0956105	0.741202	-1.34916	0.866443	0.972839	-1.02792	0.061151	1.41225	1.41225	0.0146892	0.611786	-1.63456	0.630027	1.08264	1.08264	0.0650787	1.40333	1.40333	3.743	1.58654	0.376771	1
cg16317441	PANX1	0.0424335	0.992236	0.998506	-1.0015	0.766422	1.04683	1.04683	0.00127141	2.05887	2.05887	0.745156	0.951134	-1.05138	0.415471	1.13639	1.13639	0.0992097	1.32001	1.32001	0.130544	0.778154	-1.28509	0.94952	0.990321	-1.00977	0.784128	0.958694	-1.04309	3.60357	1.34679	0.33221	1
cg07981864	PANX1;PANX1	0.0106878	0.277025	0.773089	-1.29351	0.0103841	0.479639	-2.0849	0.0147428	0.504994	-1.98022	0.887677	1.03269	1.03269	0.191026	0.729671	-1.37048	0.321772	1.2624	1.2624	0.00249366	2.60271	2.60271	0.122513	1.46367	1.46367	0.893514	1.03096	1.03096	5.78589	4.74851	0.729515	1
cg21395191	PANX2;PANX2;PANX2	2.58E-05	0.0396943	0.756624	-1.32166	0.631893	0.944975	-1.05823	0.00522023	1.54053	1.54053	0.255918	1.1492	1.1492	3.94E-06	0.283993	-3.52121	8.56E-06	3.11214	3.11214	0.170344	0.842633	-1.18676	0.600928	0.939991	-1.06384	0.0123432	0.693977	-1.44097	31.6755	6.89775	0.193567	1
cg17487553	PANX2;PANX2;PANX2	6.63E-05	0.0051631	1.22391	1.22391	0.000840082	0.759692	-1.31632	0.106292	1.10132	1.10132	0.709836	1.02066	1.02066	0.108412	0.908627	-1.10056	0.000343493	0.729548	-1.37071	6.06E-05	0.666777	-1.49975	5.35E-05	1.51042	1.51042	0.773476	1.01592	1.01592	24.7016	1.1712	0.0421458	1
cg16926050	PANX2;PANX2;PANX2	0.000110881	0.0906351	1.17168	1.17168	0.000341848	1.63257	1.63257	0.0151173	1.2888	1.2888	0.423928	1.07187	1.07187	0.680322	1.03584	1.03584	0.397632	1.07638	1.07638	4.40E-05	1.93152	1.93152	0.546073	1.05329	1.05329	3.18E-05	0.502359	-1.99061	21.5367	2.46373	0.101686	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg07895657	PANX2;PANX2;PANX2	0.00154737	0.00755675
cg11896271	PANX2;PANX2;PANX2	0.00157968	0.370297
cg02486929	PANX2;PANX2;PANX2	0.00442097	0.76605
cg19878516	PANX2;PANX2;PANX2	0.00866089	0.881829
cg16367989	PANX2;PANX2;PANX2	0.0105226	0.558728
cg11077631	PANX2;PANX2;PANX2	0.0157434	0.572779
cg01558110	PANX2;PANX2;PANX2	0.0160742	0.0813356
cg12077581	PANX2;PANX2;PANX2	0.0278239	?
cg13679691	PANX2;PANX2;PANX2	0.0279145	0.116999
cg18485569	PANX2;PANX2;PANX2	0.029562	0.0197838
cg04438229	PANX2;PANX2;PANX2	0.0314521	0.236065
cg01606998	PANX2;PANX2;PANX2	0.0343558	0.0904687
cg10118227	PANX3	1.88E-05	0.00445628
cg20169101	PANX3	0.0037124	0.634303
cg18103031	PAOX;PAOX;PAOX	9.11E-05	0.000640527
cg13682598	PAOX;PAOX;PAOX	0.00018868	0.00271791
cg27216969	PAOX;PAOX;PAOX	0.00145619	0.00253241
cg10902549	PAOX;PAOX;PAOX	0.00268815	0.0106772
cg24644436	PAOX;PAOX;PAOX	0.00368026	0.778992
cg27165835	PAOX;PAOX;PAOX	0.00396899	0.295628
cg03319315	PAOX;PAOX;PAOX	0.00497971	0.227519
cg14473597	PAOX;PAOX;PAOX	0.00733719	0.676057
cg17143376	PAOX;PAOX;PAOX	0.00866299	0.814454
cg05296940	PAOX;PAOX;PAOX	0.0162189	0.0472182
cg27072025	PAOX;PAOX;PAOX	0.0214518	0.0716487
cg17833184	PAOX;PAOX;PAOX	0.0320218	0.104424
cg26188501	PAOX;PAOX;PAOX	0.0327111	0.866118
cg06080948	PAOX;PAOX;PAOX	0.0334163	0.914855
cg26915536	PAOX;PAOX;PAOX	0.0334916	0.770035
cg20534287	PAOX;PAOX;PAOX	0.0386649	0.232736
cg11975206	PAOX;PAOX;PAOX	0.0444353	0.188378
cg12488207	PAOX;PAOX;PAOX	0.0484055	0.00417932
cg02312541	PAPD4;PAPD4;PAPD4	0.00768489	0.496156
cg14475001	PAPD4;PAPD4;PAPD4	0.00775814	0.0175844
cg20979602	PAPD4;PAPD4;PAPD4	0.0296232	0.398643
cg18887680	PAPD4;PAPD4;PAPD4	0.0338438	0.00832269
cg10427793	PAPD4;PAPD4;PAPD4	0.044982	0.0939514
cg16587849	PAPD5;PAPD5	0.00495526	0.0734048
cg01552504	PAPD5;PAPD5	0.00752661	0.123263
cg08417730	PAPD5;PAPD5	0.0241509	0.0188707
cg09450713	PAPD5;PAPD5	0.0363546	0.0345729
cg16616386	PAPD5;PAPD5	0.0441794	0.255703
cg08062233	PAPL	0.00145899	0.139457
cg15498349	PAPL	0.0052355	0.038838
cg12183023	PAPL	0.00836852	0.946379
cg23293094	PAPL	0.0184016	0.0840256
cg11881202	PAPLN	9.83E-05	0.000397887
cg01655958	PAPLN	0.00164206	0.423169
cg19585100	PAPLN	0.00728885	0.00089782
cg21894762	PAPLN	0.0110089	0.514063
cg21796547	PAPLN	0.0110736	0.00393945
cg21885107	PAPLN	0.011957	0.0267957
cg00744494	PAPLN	0.0170325	0.00688537
cg24036523	PAPLN	0.0239002	0.274937
cg08234878	PAPLN	0.0270666	0.771472
cg14834903	PAPLN	0.0322352	0.0686554
cg14480262	PAPLN	0.0352235	0.615137
cg24093176	PAPLN	0.0399183	0.0936332
cg21912093	PAPLN	0.0446819	0.324286
cg10770287	PAPOLA	0.00944413	0.00291078
cg09366677	PAPOLA	0.0117798	0.00630102
cg16071782	PAPOLA	0.012986	0.142401
cg19732469	PAPOLA	0.0142299	0.00422182
cg22805909	PAPOLA	0.0318987	0.0276193
cg23875821	PAPOLA	0.0322044	0.0607695
cg10362113	PAPOLA	0.032717	0.591208
cg06295928	PAPOLB;RADIL	0.0191026	0.949895
cg04961235	PAPOLB;RADIL	0.0456487	0.0298871
cg25959798	PAPOLG	0.00238186	0.409932
cg19275978	PAPOLG	0.00407606	0.0106583
cg04181696	PAPOLG	0.00594545	0.999198
cg10136738	PAPOLG	0.00680806	0.101058
cg18222526	PAPOLG	0.0342994	0.548158
cg02873524	PAPPA	0.000108748	0.301346
cg14206626	PAPPA	0.000678416	0.732765
cg14023985	PAPPA	0.00564993	0.128412
cg14094498	PAPPA	0.00710864	0.0256494
cg14513210	PAPPA	0.0102116	0.00801237
cg23781495	PAPPA	0.0160985	0.00206665
cg13656878	PAPPA	0.0195013	0.0196075
cg14329189	PAPPA	0.0323858	0.249517
cg14436569	PAPPA	0.0324292	0.0572678
cg13561592	PAPPA	0.0369661	0.463771
cg04843688	PAPPA2	0.0148547	0.298283
cg25103772	PAPPA2;PAPPA2	0.00588119	0.236589
cg18236464	PAPPA2;PAPPA2	0.00744077	0.217446
cg11736104	PAPPA2;PAPPA2	0.0169832	0.00571898
cg13545495	PAPPA;PAPPA	0.00214309	0.450951
cg15567057	PAPSS1	0.00173813	0.484776
cg08541219	PAPSS1	0.00265851	0.00172969
cg22927599	PAPSS1	0.00282389	0.0135198
cg08823359	PAPSS1	0.0180089	0.617851
cg04563262	PAPSS1	0.0271139	0.741392
cg09212489	PAPSS1	0.0286782	0.0193001
cg17691988	PAPSS1	0.0358109	0.01664
cg06045205	PAPSS1	0.0374353	0.237684
cg09191232	PAPSS1	0.0468788	0.0862025
cg15844581	PAPSS1;PAPSS1	0.00228693	0.0428337
cg13926569	PAPSS2;PAPSS2	0.000911252	0.945685
cg03166508	PAPSS2;PAPSS2	0.00885947	0.0234275
cg10377144	PAPSS2;PAPSS2	0.0295805	0.287659
cg26477576	PAPSS2;PAPSS2	0.0438927	0.185566
cg14433217	PAPSS2;PAPSS2;PAPSS2;PAPSS2	0.0108163	0.699964
cg26131292	PAQR3	0.000539789	0.3908
cg00261252	PAQR3	0.000885393	0.645783
cg08443767	PAQR3	0.000901832	0.00523203
cg04983296	PAQR3	0.0173801	0.00312174
cg26903090	PAQR4	1.39E-05	0.0081984
cg02723225	PAQR4	0.0015566	0.957969
cg04070176	PAQR4	0.00305497	0.889168
cg05737682	PAQR4	0.00556699	0.0914339
cg06103394	PAQR4	0.0134024	0.79956
cg01356131	PAQR4	0.0487226	0.634064
cg20082641	PAQR5	0.00343276	0.0209757
cg24734216	PAQR5	0.0102704	0.00998431
cg17074353	PAQR5	0.0184567	0.0594298
cg03839418	PAQR5	0.0490273	0.0377843
cg01837492	PAQR5;PAQR5	0.00053826	0.103265
cg00225576	PAQR5;PAQR5	0.00188615	0.00115833
cg27213386	PAQR5;PAQR5	0.00543665	0.833984
cg23029628	PAQR5;PAQR5	0.0484263	0.379987
cg25963511	PAQR5;PAQR5;PAQR5	0.0306298	0.537843
cg14031683	PAQR6;PAQR6	0.00359791	0.0518545
cg10544251	PAQR6;PAQR6	0.0250795	0.083525
cg26022183	PAQR6;PAQR6	0.0283511	0.0416873
cg03393267	PAQR6;PAQR6;SMG5	0.0228231	0.138046
cg18128212	PAQR7	0.0318546	0.135998
cg11143175	PAQR7	0.0329666	0.0326921
cg22514987	PAQR8	0.00595926	0.471447
cg02677328	PAQR8	0.0097151	0.312236
cg24029040	PAQR8	0.0180832	0.180261
cg24506767	PAQR8	0.0198891	0.0100534
cg07799366	PAQR8	0.0359098	0.0514894
cg26301689	PAQR9	0.000178255	0.79804
cg11381843	PAQR9	0.0109259	0.689141
cg25354127	PAQR9	0.0123732	0.874871
cg07269003	PAQR9	0.0485656	0.504554
cg14853933	PAR-SN;PAR5;SNORD64	0.013777	0.96963
cg05894557	PAR-SN;SNORD107	0.00162104	0.701949
cg11166999	PAR-SN;SNORD107	0.0247353	0.593566
cg26410550	PAR5;SNORD64	0.00119866	0.116947
cg00906319	PARD3	2.70E-13	3.18E-12

Probeset ID	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07895657	2.49384	2.49384	0.00893321	2.4216	2.4216	0.814063	1.06465	1.06465	0.0985921	1.61872	1.61872	0.0132688	2.26152	2.26152
cg11896271	1.08978	1.08978	0.025458	1.28167	1.28167	0.00142427	1.53923	1.53923	0.587859	1.05247	1.05247	0.195054	1.13665	1.13665
cg02486929	1.04117	1.04117	0.395739	0.889067	-1.12478	0.0621754	1.32825	1.32825	0.513122	1.09381	1.09381	0.041157	0.727233	-1.37507
cg19878516	0.959806	-1.04188	0.650171	1.13419	1.13419	0.385304	1.27823	1.27823	0.730158	0.908925	-1.1002	0.390265	0.784429	-1.27481
cg16367989	1.05944	1.05944	0.215365	0.88043	-1.13581	0.374051	1.09319	1.09319	0.976927	0.99718	-1.00283	0.525268	1.06488	1.06488
cg11077631	1.09323	1.09323	0.187767	1.24401	1.24401	0.22543	1.22034	1.22034	0.0369116	0.684487	-1.46095	0.0502861	0.705364	-1.41771
cg01558110	0.374188	-2.67245	0.0134621	4.74263	4.74263	0.67447	0.806606	-1.23976	0.314353	0.588983	-1.69784	0.0706958	0.357885	-2.7942
cg12077581	?	?	?	?	?	0.0464055	1.53697	1.53697	0.388716	0.864413	-1.15685	0.0167591	0.550802	-1.81553
cg13679691	0.690104	-1.44906	0.00701159	2.13704	2.13704	0.130937	1.42653	1.42653	0.486381	0.857224	-1.16656	0.00954364	0.489173	-2.04427

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07895657	0.00888531	2.42388	2.42388	5.35E-05	7.42163	7.42163	0.00218959	3.13425	3.13425	0.202251	1.43047	1.43047	10.3861	11.6308	0.995415	1
cg11896271	6.75E-05	1.97741	1.97741	0.735974	0.968867	-1.03213	0.34012	1.09623	1.09623	0.00139067	1.54183	1.54183	10.3244	1.4281	0.122954	1
cg02486929	0.366618	1.13359	1.13359	0.0154406	1.49445	1.49445	0.000408938	2.13601	2.13601	0.00376603	1.69659	1.69659	7.61855	2.20538	0.257311	1
cg19878516	0.108482	1.62074	1.62074	0.0153415	0.440112	-2.27215	0.000257959	0.190379	-5.25268	0.995794	1.00145	1.00145	6.18722	7.4537	1.07084	1
cg16367989	0.000703974	1.65585	1.65585	0.254451	0.890297	-1.12322	0.16729	1.1546	1.1546	0.00296375	1.48927	1.48927	5.81492	0.878214	0.134247	1
cg11077631	0.0700348	0.728458	-1.37276	0.671558	0.935466	-1.06899	0.00178806	2.00419	2.00419	0.844399	1.03121	1.03121	5.09831	1.97548	0.344424	1
cg01558110	0.273902	0.560321	-1.78469	0.00249299	0.117897	-8.48198	0.0338573	0.283544	-3.52678	0.122808	0.42715	-2.3411	5.06319	20.7561	3.64392	1
cg12077581	0.0802977	1.42097	1.42097	?	?	?	?	?	?	?	?	?	9.03277	1.42554	0.157819	1
cg13679691	0.637362	1.10896	1.10896	0.356285	0.813287	-1.22958	0.188143	0.738031	-1.35496	0.558214	0.878996	-1.13766	4.1923	3.15021	0.667937	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08402381	PARD3	6.29E-05	1.73E-06	0.0324764	-30.7916	0.0711668	0.561227	-1.78181	0.443139	0.799246	-1.25118	0.670431	0.884548	-1.13052	2.92E-05	0.0953952	-10.4827	0.293352	1.36669	1.36669	0.00272034	0.30533	-3.27515	0.443422	0.799362	-1.251	0.0666643	0.554715	-1.80273	25.0564	32.5927	1.15624	1
cg25017900	PARD3	7.76E-05	0.00146039	0.368753	-2.71184	0.000652465	0.321637	-3.1091	0.0304784	0.575812	-1.73668	0.00148944	0.369942	-2.70313	4.95E-05	0.191277	-5.22803	0.000760978	0.330407	-3.02657	6.89E-05	0.206167	-4.85044	8.54E-06	0.122175	-8.18499	0.00335321	0.420471	-2.37828	23.6929	17.6801	0.663307	1
cg07576664	PARD3	0.000151116	0.524838	1.05875	1.05875	0.0200972	1.282	1.282	0.387295	1.08166	1.08166	0.700575	0.96635	-1.03482	0.00550522	1.38163	1.38163	0.000430645	1.6379	1.6379	4.29E-06	2.56071	2.56071	0.000584666	1.60138	1.60138	0.413699	0.928648	-1.07683	19.8173	2.46304	0.110478	1
cg02538783	PARD3	0.00015762	0.00965251	0.449086	-2.22675	0.0148318	0.480644	-2.08054	0.0194153	0.501197	-1.99522	0.00236073	0.354614	-2.81996	0.00011143	0.189975	-5.26384	0.00151439	0.327365	-3.05469	0.000694589	0.282263	-3.5428	6.48E-06	0.0857848	-11.6571	0.0036168	0.3819	-2.61849	19.5933	18.5384	0.841029	1
cg27500214	PARD3	0.000330137	0.0209054	0.773986	-1.29201	0.000275387	1.7316	1.7316	0.00198885	1.49555	1.49555	0.000957217	0.635366	-1.5739	0.000365527	0.590787	-1.69266	0.395307	0.922888	-1.08356	0.275696	1.11018	1.11018	0.634632	1.04512	1.04512	0.410577	1.08065	1.08065	16.0242	2.15642	0.11962	1
cg05901114	PARD3	0.000436613	0.000143306	0.182024	-5.49379	0.0251361	0.500398	-1.99841	0.0159522	0.464373	-2.15344	0.111287	1.56975	1.56975	4.84E-05	0.137115	-7.29316	0.0181064	0.474201	-2.10881	0.00391	0.36436	-2.74454	0.201787	1.4196	1.4196	0.222263	0.71646	-1.39575	14.8371	15.8781	0.951257	1
cg19017553	PARD3	0.000465415	0.00300004	0.324006	-3.08636	0.227301	0.704005	-1.42044	0.00471665	0.353579	-2.82822	0.0176552	0.449668	-2.22386	7.87E-05	0.138498	-7.22031	0.284266	0.734902	-1.36073	8.65E-05	0.142176	-7.03354	0.559699	1.17742	1.17742	0.00107714	0.262624	-3.80773	14.5772	17.7024	1.07945	1
cg06338697	PARD3	0.000700306	4.24E-05	0.0440379	-22.7077	0.0621735	0.43076	-2.32148	0.247559	1.62404	1.62404	0.56466	1.26306	1.26306	0.000333616	0.0980985	-10.1938	0.876436	1.0644	1.0644	0.00479826	0.222848	-4.48736	0.802035	1.10602	1.10602	0.0341322	0.370955	-2.69575	13.0093	33.1494	2.265	1
cg23310696	PARD3	0.000711177	0.000133177	0.140942	-7.09511	0.000370007	0.185268	-5.3976	0.00262503	0.291657	-3.42869	0.0041004	0.320065	-3.12437	0.00366356	0.312732	-3.19762	0.00266662	0.29263	-3.41728	0.00205632	0.276793	-3.6128	0.00688054	0.355184	-2.81544	0.00293612	0.298636	-3.34856	12.9533	17.9537	1.23203	1
cg19884427	PARD3	0.00119792	0.254444	0.693937	-1.44105	0.00119845	0.232859	-4.29444	0.000802598	0.211513	-4.72785	0.92956	0.973218	-1.02752	0.000123791	0.128068	-7.80835	0.637417	1.15693	1.15693	0.266209	1.4272	1.4272	0.229366	1.47297	1.47297	0.126346	0.601824	-1.66161	11.1773	16.6893	1.32724	1
cg20120614	PARD3	0.00130781	0.775301	1.04275	1.04275	0.0121256	0.632914	-1.57999	0.00103119	0.49102	-2.03658	0.0769589	0.749989	-1.33335	0.0268955	0.681528	-1.46729	0.0231846	0.672305	-1.48742	0.000415232	2.26888	2.26888	0.104218	1.29671	1.29671	0.355985	0.870327	-1.14899	10.9004	3.69418	0.301249	1
cg23220915	PARD3	0.00193601	0.00572928	0.42593	-2.34781	0.00139399	0.3358	-2.97797	0.128896	0.679317	-1.47207	0.0756279	0.627515	-1.59359	0.000668642	0.293263	-3.4099	0.0163004	0.500534	-1.99787	0.000199833	0.2296	-4.3554	0.393908	0.814021	-1.22847	0.474915	0.842642	-1.18674	9.73361	8.55916	0.781636	1
cg15645287	PARD3	0.00258118	0.000821242	0.18289	-5.46777	0.270525	1.472	1.472	0.861235	1.06074	1.06074	0.0290949	0.42032	-2.37914	0.00204109	0.231058	-4.32792	0.566185	1.21583	1.21583	0.00248451	0.242443	-4.12468	0.141525	1.70362	1.70362	0.0150099	0.365108	-2.73891	8.94743	16.0936	1.59883	1
cg13628006	PARD3	0.00293958	0.000761491	0.25313	-3.95053	0.220403	0.706816	-1.4148	0.467549	1.22028	1.22028	0.174367	0.677652	-1.47568	0.0672286	0.575586	-1.73736	0.977721	1.00755	1.00755	0.000241344	0.194808	-5.13325	0.0808506	1.68431	1.68431	0.130277	0.643973	-1.55286	8.60998	9.89022	1.02106	1
cg01176720	PARD3	0.00430267	0.000830094	2.32603	2.32603	0.0423926	1.48008	1.48008	0.711031	0.939489	-1.06441	0.521344	0.896705	-1.11519	0.400209	0.865502	-1.1554	0.0639547	1.418	1.418	0.00227564	2.04609	2.04609	0.00239346	2.03359	2.03359	0.899194	0.978966	-1.02149	7.68139	3.42289	0.396096	1
cg23548374	PARD3	0.00501542	0.00117457	0.133393	-7.49664	0.0363142	0.357147	-2.79997	0.465463	0.730341	-1.36922	0.0245604	0.322085	-3.10478	0.00129412	0.137643	-7.26518	0.00478199	0.205075	-4.87625	0.477704	0.736833	-1.35716	0.0573883	0.40279	-2.48268	0.00365206	0.189523	-5.27642	7.3317	20.7821	2.5196	1
cg10270895	PARD3	0.0054675	0.136734	0.752616	-1.3287	0.0568478	0.68242	-1.46537	0.0199494	0.607754	-1.6454	0.693391	0.932161	-1.07278	0.377231	1.17425	1.17425	0.762689	0.947728	-1.05516	0.000308418	2.82445	2.82445	0.0734067	1.42461	1.42461	0.979878	1.00448	1.00448	7.14053	3.5544	0.442469	1
cg09461005	PARD3	0.00557481	0.0307138	0.413787	-2.4167	0.495967	1.27168	1.27168	0.0149498	0.353338	-2.83015	0.0085648	0.311616	-3.20908	0.000414305	0.142585	-7.01337	0.20842	0.630615	-1.58575	0.836963	1.07426	1.07426	0.766178	1.10925	1.10925	0.00777698	0.304783	-3.28103	7.09804	13.5877	1.70159	1
cg01113896	PARD3	0.00698079	0.783897	1.11455	1.11455	0.024339	0.346891	-2.88275	0.0224926	0.340171	-2.9397	0.717104	1.15437	1.15437	0.000232303	0.0898431	-11.1305	0.572077	0.798325	-1.25262	0.0265746	0.354514	-2.82076	0.367421	1.44089	1.44089	0.209362	0.593338	-1.68538	6.62079	16.32	2.19107	1
cg19192223	PARD3	0.00801217	0.203	0.78535	-1.27332	0.0012074	2.34514	2.34514	0.0123302	1.75116	1.75116	0.119811	1.35452	1.35452	0.0101894	1.79057	1.79057	0.04558	1.51013	1.51013	0.0204231	1.65265	1.65265	0.25295	0.806794	-1.23947	0.179886	1.29187	1.29187	6.34112	3.24662	0.455106	1
cg26988617	PARD3	0.00990164	0.0156737	0.189151	-5.28678	0.00102715	0.0648855	-15.4118	0.024093	0.220411	-4.53697	0.0443839	0.273061	-3.66219	0.0756626	0.329037	-3.03918	0.412595	0.624426	-1.60147	0.00376796	0.111035	-9.00616	0.120761	0.388315	-2.57523	0.00957571	0.158154	-6.32295	5.92933	29.6773	4.44905	1
cg03310691	PARD3	0.010332	0.00301197	0.158827	-6.29614	0.00144291	0.124519	-8.03093	0.0601605	0.383224	-2.60944	0.0906828	0.430322	-2.32384	0.00429417	0.177691	-5.62775	0.035275	0.329829	-3.03188	0.100193	0.442723	-2.25875	0.0987654	0.440913	-2.26802	0.0274429	0.307264	-3.25453	5.84913	18.9588	2.88116	1
cg11161396	PARD3	0.0154977	0.240275	0.811821	-1.2318	0.0129308	0.592636	-1.68738	0.00239549	0.488013	-2.04913	0.147426	0.768301	-1.30157	0.240726	0.811999	-1.23153	0.0206607	0.62342	-1.60405	0.0041738	0.52158	-1.91725	0.490258	1.12617	1.12617	0.856498	0.969773	-1.03117	5.125	2.33364	0.404752	1
cg04685387	PARD3	0.0157413	0.0455096	0.590871	-1.69242	0.342219	0.798913	-1.2517	0.00919592	0.468284	-2.13545	0.0853114	0.646358	-1.54713	0.557752	0.87284	-1.14568	0.265712	1.30483	1.30483	0.00552167	2.30873	2.30873	0.813767	0.947302	-1.05563	0.040603	0.581343	-1.72015	5.09854	4.2499	0.740935	1
cg11646078	PARD3	0.0221216	0.0532208	0.398545	-2.50913	0.198991	0.566383	-1.76559	0.0140575	0.280864	-3.56044	0.843262	0.920427	-1.08645	0.00134538	0.142124	-7.03609	0.0265984	0.332615	-3.00648	0.121781	0.49532	-2.0189	0.827058	0.912427	-1.09598	0.034155	0.355092	-2.81617	4.54533	12.6296	2.46986	1
cg06841052	PARD3	0.0291683	0.665399	1.10616	1.10616	0.0631162	1.62372	1.62372	0.689517	1.0976	1.0976	0.452696	0.837447	-1.1941	0.691984	1.09673	1.09673	0.3353	1.2591	1.2591	0.000548346	3.47221	3.47221	0.215776	1.35269	1.35269	0.848001	0.956479	-1.0455	4.12777	3.51532	0.757001	1
cg09095047	PARD3	0.0315354	0.541283	1.14193	1.14193	0.139295	0.710713	-1.40704	0.00278397	0.412752	-2.42276	0.790543	1.0588	1.0588	0.534935	1.14438	1.14438	0.0890194	0.668625	-1.49561	0.855235	1.03997	1.03997	0.502589	1.15723	1.15723	0.0113075	0.506204	-1.97549	4.01482	2.92887	0.648458	1
cg07270259	PARD3	0.0354058	0.0256659	0.186223	-5.3699	0.00822051	0.117179	-8.53392	0.0771927	0.287641	-3.47655	0.0656126	0.269734	-3.70735	0.0256042	0.186045	-5.37504	0.0501353	0.242597	-4.12206	0.140594	0.365953	-2.73259	0.0499805	0.242302	-4.12708	0.0119119	0.13665	-7.31795	3.85102	24.5293	5.66183	1
cg17200577	PARD3	0.035513	0.411437	0.726305	-1.37683	0.0386565	2.48897	2.48897	0.0313456	2.61579	2.61579	0.550514	0.794549	-1.25858	0.00398273	0.229013	-4.36657	0.504911	0.772889	-1.29385	0.558045	0.798077	-1.25301	0.891516	0.949369	-1.05333	0.42873	0.735204	-1.36017	3.8468	8.8326	2.04097	1
cg07085590	PARD3B;PARD3B;PARD3B	2.37E-05	4.66E-06	0.123012	-8.12928	0.0555796	0.648538	-1.54193	0.0676235	0.664523	-1.50484	0.121336	1.39833	1.39833	9.53E-06	0.148822	-6.71943	0.00813604	1.96644	1.96644	0.0149183	1.81772	1.81772	0.291235	1.24435	1.24435	0.000243544	0.297963	-3.35612	32.3993	20.446	0.560946	1
cg07261968	PARD3B;PARD3B;PARD3B	0.000127777	0.0100156	0.714084	-1.4004	3.96E-05	0.443002	-2.25733	0.0725359	0.812579	-1.23065	0.202712	0.869969	-1.14947	0.290981	0.8927	-1.1202	0.0507864	0.794132	-1.25924	5.18E-06	0.342242	-2.92191	0.00421324	0.672373	-1.48727	0.000528703	0.571693	-1.74919	20.7325	3.52291	0.151042	1
cg21038418	PARD3B;PARD3B;PARD3B	0.00013634	0.000569022	2.05415	2.05415	0.136475	1.24156	1.24156	0.0667541	1.31944	1.31944	0.0292691	1.41392	1.41392	2.92E-05	0.331108	-3.02016	0.00172886	1.82728	1.82728	0.0249461	0.697777	-1.43312	0.00202753	1.79855	1.79855	0.0166518	1.48333	1.48333	20.3741	5.86922	0.256065	1
cg01273672	PARD3B;PARD3B;PARD3B	0.00061583	0.502509	0.89001	-1.12358	0.00883856	0.565132	-1.7695	0.00786072	0.557693	-1.7931	0.106523	0.739514	-1.35224	1.93E-05	0.226502	-4.41497	0.566277	1.10436	1.10436	0.00983659	1.74837	1.74837	0.52314	1.11717	1.11717	0.743573	0.945346	-1.05781	13.4855	6.26153	0.412724	1
cg15459822	PARD3B;PARD3B;PARD3B	0.000801951	0.0183597	0.497744	-2.00907	3.92E-05	0.146768	-6.81346	0.0296283	0.535639	-1.86693	0.0673007	0.606591	-1.64856	0.0120077	0.465834	-2.14669	0.175205	0.703628	-1.42121	0.338847	0.78634	-1.27171	0.0145917	2.08205	2.08205	0.00162555	0.332548	-3.00708	12.5235	11.7903	0.836847	1
cg22615747	PARD3B;PARD3B;PARD3B	0.000909498	0.27346	0.853478	-1.17168	0.000392728	0.456033	-2.19282	4.50E-05	0.34183	-2.92543	0.196374	0.827034	-1.20914	0.630577	0.934856	-1.06968	0.361333	0.877703	-1.13934	0.0323345	1.41678	1.41678	0.268718	0.852024	-1.17368	0.0182057	0.671296	-1.48966	12.0868	3.69953	0.272071	1
cg14096767	PARD3B;PARD3B;PARD3B	0.00157625	0.0108765	0.4853	-2.06058	0.167124	1.39516	1.39516	0.0602242	0.619247	-1.61486	0.240633	0.757464	-1.32019	8.23E-05	0.201076	-4.97325	0.0311012	0.564317	-1.77205	0.00249055	0.386603	-2.58663	0.106874	1.4889	1.4889	0.366674	0.81083	-1.2333	10.3309	8.36555	0.719786	1
cg07857356	PARD3B;PARD3B;PARD3B	0.00191903	0.00109134	0.323487	-3.09131	0.00123643	0.330842	-3.02259	0.00144787	0.340262	-2.93891	0.520655	0.858553	-1.16475	0.00211736	0.363487	-2.75113	0.00418719	0.407132	-2.4562	0.0027705	0.380387	-2.6289	0.180338	0.716607	-1.39546	0.00936494	0.462178	-2.16367	9.75859	8.47931	0.772362	1
cg15111330	PARD3B;PARD3B;PARD3B	0.00262334	0.59212	1.15695	1.15695	0.128475	0.642166	-1.55723	0.725084	0.909213	-1.09985	0.541544	0.84655	-1.18126	2.59E-05	0.105828	-9.44927	0.928525	0.976106	-1.02448	0.350005	0.771579	-1.29604	0.451305	1.22983	1.22983	0.415621	0.799088	-1.25143	8.90479	10.2477	1.02294	1
cg21459632	PARD3B;PARD3B;PARD3B	0.00556548	0.721115	0.944554	-1.0587	0.00878056	0.587948	-1.70083	0.00184387	0.49473	-2.0213	0.0522318	1.42102	1.42102	0.52085	1.10912	1.10912	0.014834	1.61123	1.61123	0.0183458	1.5769	1.5769	0.727154	0.94578	-1.05733	0.417969	1.14079	1.14079	7.10169	2.84852	0.356537	1
cg16404105	PARD3B;PARD3B;PARD3B	0.00640404	0.10108	0.684076	-1.46182	0.0559586	0.63265	-1.58065	0.00468881	0.451679	-2.21396	0.00688887	0.477241	-2.09538	0.0287645	0.579631	-1.72523	0.079652	0.662766	-1.50883	0.00280207	0.418578	-2.38904	0.0249675	1.75787	1.75787	0.13406	0.710583	-1.4073	6.80067	4.81609	0.629492	1
cg02799905	PARD3B;PARD3B;PARD3B	0.00658538	0.010017	0.422409	-2.36737	0.0273638	0.500611	-1.99756	0.00113519	0.281063	-3.55791	0.0287764	0.504806	-1.98096	0.0117691	0.434307	-2.30252	0.0218184	0.482097	-2.07427	0.00176083	0.306897	-3.25842	0.539289	0.848103	-1.1791	0.0328119	0.515884	-1.93842	6.742	7.50287	0.989205	1
cg05260373	PARD3B;PARD3B;PARD3B	0.00969207	0.607958	0.909119	-1.09997	0.133029	1.34776	1.34776	0.000452298	0.361308	-2.76772	0.0406263	0.647066	-1.54544	0.021104	0.600074	-1.66646	0.376251	0.846026	-1.182	0.242238	1.25279	1.25279	0.459002	1.14894	1.14894	0.487947	0.878312	-1.13855	5.96997	3.20602	0.477354	1
cg25149218	PARD3B;PARD3B;PARD3B	0.012663	0.00351851	0.153618	-6.50965	0.0246875	0.281936	-3.5469	0.416029	0.674705	-1.48213	0.432798	0.68461	-1.46069	0.00170932	0.120063	-8.32894	0.0452069	0.337037	-2.96703	0.0294523	0.297071	-3.3662	0.189809	0.518228	-1.92965	0.00802335	0.20031	-4.99227	5.47688	19.4345	3.15419	1
cg04016104	PARD3B;PARD3B;PARD3B	0.0130506	0.965333	0.994589	-1.00544	0.0104587	1.49537	1.49537	0.00106582	0.546702	-1.82915	0.195089	0.842738	-1.18661	0.900913	1.01567	1.01567	0.563497	1.07564	1.07564	0.105623	1.24695	1.24695	0.170253	1.20003	1.20003	0.878354	0.98106	-1.01931	5.42326	1.33881	0.219435	1
cg19003183	PARD3B;PARD3B;PARD3B	0.0145894	0.805788	0.941377	-1.06227	0.250215	0.744772	-1.34269	0.000479314	0.260826	-3.83398	0.249282	0.7443	-1.34354	0.341941	0.786517	-1.27143	0.0824948	0.623958	-1.60267	0.170259	0.698939	-1.43074	0.0377642	1.8056	1.8056	0.883451	0.964665	-1.03663	5.2284	4.98035	0.846717	1
ch.2.4104651R	PARD3B;PARD3B;PARD3B	0.0166133	0.00713981	0.222564	-4.4931	0.00253215	0.16325	-6.12559	0.0316049	0.336241	-2.97405	0.00973562	0.243165	-4.11244	0.0138047	0.26816	-3.72912	0.100073	0.45875	-2.17983	0.0443787	0.368391	-2.7145	0.278928	0.614563	-1.62717	0.36117	0.666346	-1.50072	5.00783	14.8335	2.63294	1
cg01433836	PARD3B;PARD3B;PARD3B	0.0203155	0.657341	1.11327	1.11327	0.147578	1.45273	1.45273	0.149453	0.689714	-1.44988	0.679139	0.904864	-1.10514	0.00173374	0.34171	-2.92646	0.77239	0.932668	-1.07219	0.0886628	1.57049	1.57049	0.145135	1.45651	1.45651	0.0480253	0.580887	-1.7215	4.67959	4.28125	0.813223	1
cg14341315	PARD3B;PARD3B;PARD3B	0.0238494	0.0204214	0.24826	-4.02804	0.318995	1.67119	1.67119	0.0954513	0.401179	-2.49265	0.416808	0.661143	-1.51253	0.00124109	0.0950541	-10.5203	0.0972044	0.40348	-2.47844	0.0351635	0.294184	-3.39923	0.695688	0.822003	-1.21654	0.208125	0.515946	-1.93819	4.42904	17.441	3.50033	1
cg09840328	PARD3B;PARD3B;PARD3B	0.0296992	0.147876	0.695138	-1.43856	0.197416	0.726765	-1.37596	0.0279651	0.544314	-1.83717	0.76085	1.07412	1.07412	0.00172039	0.350697	-2.85147	0.632072	0.893154	-1.11963	0.302098	1.28455	1.28455	0.180916	1.39478	1.39478	0.396486	0.815966	-1.22554	4.10147	3.56394	0.772393	1
cg07698102	PARD3B;PARD3B;PARD3B	0.0298414	0.00372314	0.0791927	-12.6274	0.0901243	0.298529	-3.34976	0.0242602	0.175825	-5.68748	0.53652	0.666919	-1.49943	0.00572918	0.0959117	-10.4263	0.292691	0.49335	-2.02696	0.0865461	0.293656	-3.40535	0.752011	0.814506	-1.22774	0.0430092	0.221548	-4.51369	4.09453	27.1648	5.89726	1
cg00751021	PARD3B;PARD3B;PARD3B	0.0320641	0.0289086	0.121321	-8.24257	0.0304136	0.124511	-8.0314	0.0285984	0.120653	-8.2882	0.027586	0.118447	-8.44257	0.014675	0.0854332	-11.705	0.228479	0.35523	-2.81508	0.00880561	0.065134	-15.353	0.103961	0.233224	-4.28772	0.0326938	0.129194	-7.74027	3.99102	42.3827	9.43958	1
cg08138586	PARD3B;PARD3B;PARD3B	0.0349187	0.013865	0.167375	-5.9746	0.019559	0.190392	-5.25232	0.325827	0.550788	-1.81558	0.608946	0.738356	-1.35436	0.00205772	0.0779047	-12.8362	0.226212	0.473767	-2.11074	0.35197	0.56944	-1.75611	0.381929	0.590276	-1.69412	0.0498932	0.268548	-3.72373	3.87039	21.1847	4.86536	1
cg15471177	PARD3B;PARD3B;PARD3B	0.0381966	0.77955	0.941198	-1.06248	0.00307831	2.39897	2.39897	0.0712469	1.54519	1.54519	0.0908981	0.66883	-1.49515	0.679185	0.914099	-1.09397	0.072158	0.64828	-1.54254	0.56977	1.13208	1.13208	0.67541	1.09521	1.09521	0.812152	0.949883	-1.05276	3.74606	2.76723	0.656625	1
cg16794070	PARD6A;ACD;ACD;PARD6A;ACD	0.000220056	0.979277	0.994855	-1.00517	0.000128472	3.75169	3.75169	0.000134946	3.71687	3.71687	7.28E-05	4.19332	4.19332	0.515598	0.877287	-1.13988	0.000803653	2.7307	2.7307	0.142458	0.73117	-1.36767	0.079381	1.47216	1.47216	0.0267998	1.68367	1.68367	17.9008	11.1814	0.55523	1
cg11698099	PARD6A;ACD;ACD;PARD6A;ACD	0.00024556	0.0144898	0.535957	-1.86582	0.000343393	3.29792	3.29792	0.000369144	3.25566	3.25566	0.000205231	3.62512	3.62512	0.106194	0.693985	-1.44095	0.0051725	2.14752	2.14752	0.0354805	1.66013	1.66013	0.380129	0.829939	-1.20491	0.000873071	2.81152	2.81152	17.3746	11.7963	0.603503	1
cg15426734	PARD6A;ACD;ACD;PARD6A;ACD	0.00114698	0.975943	0.996003	-1.00401	0.885244	1.01936	1.01936	0.00174657	1.80869	1.80869	5.04E-05	2.74387	2.74387	0.505198	0.914121	-1.09395	0.00203328	1.78198	1.78198	0.867347	1.02245	1.02245	0.864219	0.977526	-1.02299	0.0166544	1.47439	1.47439	11.3167	3.16105	0.248291	1
cg01287707	PARD6A;ACD;ACD;PARD6A;ACD	0.00166088	0.623776	0.917408	-1.09003	0.0614347	1.44399	1.44399	0.000385579	2.68473	2.68473	0.00126147	2.27221	2.27221	0.876236	1.02755	1.02755	0.00117037	2.29507	2.29507	0.668574	1.07799	1.07799	0.0201628	0.613474	-1.63006	0.221882	1.2509	1.2509	10.1761	4.90006	0.428025	1
cg10819446	PARD6A;ACD;PARD6A;ACD;ACD	0.00743098	0.00418726	0.529915	-1.88709	0.0230792	1.56792	1.56792	0.00700133	1.78115	1.78115	0.209707	0.803458	-1.24462	0.104884	0.745763	-1.34091	0.547428	0.904138	-1.10603	0.0165266	0.61587	-1.62372	0.42914	1.14294	1.14294	0.185826	0.792786	-1.26137	6.49278	2.81745	0.385721	1
cg10017843	PARD6A;ACD;PARD6A;ACD;ACD	0.0236618	0.429972	0.827017	-1.20917	0.00369077	2.52223	2.52223	0.0608661	1.64564	1.64564	0.588108	1.13759	1.13759	0.899073	0.970528	-1.03037	0.185568	1.39227	1.39227	0.0383122	0.567839	-1.76106	0.109122	0.662394	-1.50967	0.157117	0.699967	-1.42864	4.44115	3.90943	0.782465	1
cg07803218	PARD6B	0.00777298	0.559885	1.13268	1.13268	0.53232	1.14302	1.14302	0.0027872	0.418462	-2.3897	0.0486668	1.60943	1.60943	0.00190142	0.394656	-2.53385	0.803914	1.05398	1.05398	0.0158286	0.535441	-1.86762	0.146456	0.719349	-1.39015	0.245465	0.773582	-1.29269	6.40182	4.52815	0.628731	1
cg22478261	PARD6B	0.0098199	0.202599	0.565907	-1.76707	0.01193	3.77301	3.77301	0.0522335	2.54584	2.54584	0.0173131	3.41046	3.41046	0.81524	0.905682	-1.10414	0.338553	1.51819	1.51819	0.0242806	0.320955	-3.1157	0.00293537	5.63542	5.63542	0.939625	1.03258	1.03258	5.94505	16.8655	2.52169	1
cg03812837	PARD6B	0.0119464	0.197083	0.684318	-1.46131	0.174008	0.668781	-1.49526	0.233704	1.41524	1.41524	0.0257128	2.08954	2.08954	0.00196328	0.296042	-3.3779	0.53624	1.19032	1.19032	0.0393062	0.515146	-1.9412	0.0172612	0.446245	-2.24092	0.741233	0.91194	-1.09656	5.58159	6.84029	1.08934	1
cg17786215	PARD6B	0.0194572	0.112166	0.499672	-2.00131	0.108423	2.01867	2.01867	0.403373	1.40917	1.40917	0.0921826	2.10333	2.10333	0.231323	0.604345	-1.65468	0.45408	1.35783	1.35783	0.0194685	0.322093	-3.10469	0.00376442	4.79959	4.79959	0.380567	0.697134	-1.43444	4.74869	12.1008	2.26511	1
cg03077621	PARD6B	0.0207146	0.663768	1.06619	1.06619	0.016656	1.53474	1.53474	0.0103768	1.6048	1.6048	0.775849	1.04272	1.04272	0.0650888	0.738241	-1.35457	0.0204982	0.664262	-1.50543	0.118436	0.780067	-1.28194	0.375444	1.14258	1.14258	0.547532	0.914678	-1.09328	4.64868	1.58076	0.302261	1
cg09072870	PARD6B	0.0223404	0.939907	0.979003	-1.02145	0.16565	1.51611	1.51611	0.0160858	2.29114	2.29114	0.989688	1.00364	1.00364	0.0256059	0.47408	-2.10935	0.185325	0.673456	-1.48488	0.0040222	0.337012	-2.96725	0.397908	0.783789	-1.27585	0.603415	0.862853	-1.15895	4.52999	5.68341	1.11521	1
cg23754323	PARD6B	0.0272743	0.94432	1.01793	1.01793	0.66784	0.89596	-1.11612	0.882932	0.963197	-1.03821	0.455051	0.82396	-1.21365	0.00109361	0.293526	-3.40686	0.214584	0.717135	-1.39444	0.0132884	0.458067	-2.18309	0.872479	1.04173	1.04173	0.0345191	0.533987	-1.87271	4.22664	4.33525	0.911729	1
cg16238918	PARD6G	0.000117385	0.000838246	2.0688	2.0688	0.560879	0.918447	-1.08879	0.000104472	2.69709	2.69709	1.36E-05	3.72842	3.72842	0.00398864	1.75051	1.75051	0.0106676	1.59107	1.59107	0.602015	1.07909	1.07909	0.00546916	0.589444	-1.69651	0.0178737	1.51657	1.51657	21.2101	7.03092	0.294658	1
cg23642929	PARD6G	0.00101352	0.147391	0.739756	-1.3518	0.299842	1.23162	1.23162	0.565411	0.893445	-1.11926	0.758072	1.06174	1.06174	0.0061857	0.500427	-1.99829	0.0492438	0.647131	-1.54528	3.05E-05	0.205968	-4.85512	0.0235776	1.68916	1.68916	0.0507574	0.649494	-1.53966	11.7218	6.97959	0.529276	1
cg15077085	PARD6G	0.0132617	0.044591	0.688742	-1.45192	0.0524891	1.42835	1.42835	0.00190383	2.03646	2.03646	0.0862819	0.736068	-1.35857	0.984337	0.996831	-1.00318	0.365045	0.860286	-1.1624	0.418359	0.874841	-1.14306	0.0653021	0.715649	-1.39733	0.173162	1.2641	1.2641	5.39489	2.23388	0.368065	1
cg16553796	PARD6G	0.0251883	0.713659	0.950723	-1.05183	0.151539	0.810028	-1.23452	0.38479	0.884992	-1.12995	0.0445373	0.72884	-1.37204	0.0521665	0.738717	-1.3537	0.014819	0.66295	-1.50841	0.00872115	1.58124	1.58124	0.651678	1.06429	1.06429	0.349636	1.14112	1.14112	4.34587	1.29394	0.264658	1
cg01781417	PARD6G	0.0320472	0.104543	0.659135	-1.51714	0.687976	1.09949	1.09949	0.0577127	0.60402	-1.65557	0.947178	1.01569	1.01569	0.0165425	0.502675	-1.98936	0.186645	1.3894	1.3894	0.0033147	0.390787	-2.55894	0.679897	1.10238	1.10238	0.813425	0.945971	-1.05711	3.99177	3.48923	0.776982	1
cg16295162	PARD6G	0.0376888	0.595916	1.29953	1.29953	0.299592	1.69627	1.69627	0.184743	2.00162	2.00162	0.245621	1.81806	1.81806	0.0123409	0.20643	-4.84425	0.795743	0.880856	-1.13526	0.0100008	0.191895	-5.21118	0.158936	2.1036	2.1036	0.243205	1.82425	1.82425	4.11822	15.2597	2.882	1
cg14906638	PARD6G	0.0415422	0.634561	1.12429	1.12429	0.0286812	0.531824	-1.88032	0.118995	1.51284	1.51284	0.00976913	0.449591	-2.22424	0.133687	0.673169	-1.48551	0.0913435	0.634501	-1.57604	0.85452	1.04593	1.04593	0.125746	1.49985	1.49985	0.856824	0.956776	-1.04518	3.63204	3.44334	0.842705	1
cg21237861	PARD6G;LOC100130522;LOC100130522	0.00281331	0.202386	1.53781	1.53781	0.0367525	2.17238	2.17238	0.175784	1.58456	1.58456	0.0210192	2.42938	2.42938	0.00252294	0.261596	-3.82269	0.9678	1.01299	1.01299	0.000751248	5.12769	5.12769	0.00468088	3.32745	3.32745	0.160149	1.61582	1.61582	8.72272	14.1249	1.4394	1
cg07500432	PARD6G;LOC100130522;LOC100130522	0.0202938	0.18832	1.74613	1.74613	0.0164219	3.23031	3.23031	0.952862	1.02392	1.02392	0.520493	1.29753	1.29753	0.00574716	0.235151	-4.25259	0.293868	1.54554	1.54554	0.0221053	2.99615	2.99615	0.0784596	2.18498	2.18498	0.0853638	2.13933	2.13933	4.68129	11.8548	2.251	1
cg13348877	PARD6G;PARD6G	0.000213509	2.27E-05	0.154877	-6.45675	0.152554	1.40054	1.40054	0.808521	0.948025	-1.05482	0.425135	1.19608	1.19608	0.0359837	1.70966	1.70966	0.052076	1.62549	1.62549	8.27E-05	0.210403	-4.75279	0.210701	0.74831	-1.33634	0.0145975	0.51623	-1.93712	18.0482	13.815	0.680401	1
cg08215115	PARG	0.00126838	0.00605608	0.455074	-2.19745	2.53E-05	0.159362	-6.27504	0.0209303	0.543205	-1.84093	0.866451	0.963709	-1.03766	0.00488522	0.440731	-2.26896	0.0922956	0.665686	-1.50221	0.0112827	0.498069	-2.00775	0.096596	0.66989	-1.49278	0.479521	0.853961	-1.17101	10.9963	8.40072	0.679075	1
cg25575889	PARG	0.00247081	0.214865	0.827652	-1.20824	0.365579	0.873991	-1.14418	0.285308	1.17443	1.17443	0.188608	0.817249	-1.22362	3.07E-05	0.307407	-3.25302	0.456728	1.11607	1.11607	0.0397375	0.708583	-1.41127	0.413431	0.88591	-1.12878	0.689096	0.943399	-1.06	9.06331	3.01302	0.295504	1
cg13492289	PARG	0.0253711	0.747428	1.08892	1.08892	0.619805	0.876469	-1.14094	0.061442	0.573787	-1.74281	0.815909	0.940369	-1.06341	0.00119194	0.285819	-3.49872	0.198714	0.699029	-1.43056	0.00969977	0.422043	-2.36943	0.589635	1.15437	1.15437	0.237835	0.721812	-1.3854	4.33494	4.77193	0.978494	1
cg27425452	PARK2;PACRG;PARK2;PACRG;PACRG;PARK2	0.00399471	0.000298904	0.206685	-4.83827	0.165181	1.48683	1.48683	0.0386226	1.89992	1.89992	0.627166	1.14013	1.14013	0.799779	1.07047	1.07047	0.166476	0.673493	-1.4848	0.00682692	0.391055	-2.55719	0.868041	0.956425	-1.04556	0.087078	1.65902	1.65902	7.85562	8.93145	1.01062	1
cg06408385	PARK2;PARK2;PARK2	0.000786561	0.00131193	0.609751	-1.64001	0.00140075	0.612963	-1.63142	0.0640196	1.24627	1.24627	0.0140836	0.725752	-1.37788	0.00204281	0.631433	-1.5837	0.33439	0.900052	-1.11105	0.000799493	1.70823	1.70823	0.631902	0.950231	-1.05238	0.216912	0.871604	-1.14731	12.592	2.23108	0.157496	1
cg12446446	PARK2;PARK2;PARK2	0.00262839	0.0280976	0.483879	-2.06663	0.0402002	0.515067	-1.94149	0.00724748	0.379234	-2.6369	0.193182	1.47019	1.47019	0.00173267	0.286352	-3.49221	0.0142834	2.32952	2.32952	0.103134	0.607152	-1.64704	0.0105657	2.46	2.46	0.349664	1.30923	1.30923	8.89974	11.0408	1.10274	1
cg21413742	PARK2;PARK2;PARK2	0.00450231	0.0650117	0.713385	-1.40177	0.326428	0.847765	-1.17957	0.00560092	0.552708	-1.80927	0.523915	0.90007	-1.11102	0.00106309	0.454422	-2.2006	0.19052	1.25353	1.25353	0.00516134	1.82572	1.82572	0.147941	0.776454	-1.28791	0.0903847	0.737737	-1.3555	7.57654	3.18839	0.374065	1
cg00290868	PARK2;PARK2;PARK2	0.00463459	0.358131	0.880082	-1.13626	0.45946	1.10718	1.10718	0.0105238	1.54515	1.54515	0.776783	0.962305	-1.03917	0.226426	0.84224	-1.18731	0.549072	0.921316	-1.0854	0.000112735	2.50184	2.50184	0.657257	0.941421	-1.06222	0.464216	1.10595	1.10595	7.51021	2.17351	0.257251	1
cg06043792	PARK2;PARK2;PARK2	0.00511195	0.00140816	0.266671	-3.74993	0.447431	1.24776	1.24776	0.178647	0.664659	-1.50453	0.342227	0.755973	-1.3228	0.00522396	0.348759	-2.86731	0.186213	0.669896	-1.49277	0.00062148	0.221965	-4.50522	0.627165	0.86942	-1.15019	0.0124567	0.411089	-2.43256	7.28912	9.43448	1.15051	1
cg24410945	PARK2;PARK2;PARK2	0.00708584	0.000989361	0.388039	-2.57706	0.00127008	0.402774	-2.48278	0.00501788	0.487743	-2.05026	0.222099	0.780216	-1.2817	0.264425	0.798539	-1.25229	0.612387	1.10387	1.10387	0.249193	0.792201	-1.26231	0.724274	1.0709	1.0709	0.0990655	0.704876	-1.41869	6.59002	3.90419	0.526613	1
cg01079407	PARK2;PARK2;PARK2	0.00721612	0.211488	0.793898	-1.25961	0.4214	0.86588	-1.15489	0.24321	0.807257	-1.23876	0.391149	0.857225	-1.16656	0.00231722	0.474229	-2.10869	0.0749583	1.41584	1.41584	0.777275	1.05098	1.05098	0.00159744	2.21233	2.21233	0.137197	1.32405	1.32405	6.55263	3.19045	0.432797	1
cg09745638	PARK2;PARK2;PARK2	0.0112719	0.747094	1.05839	1.05839	0.000337929	0.363029	-2.7546	0.0419182	0.662848	-1.50864	0.307355	1.20362	1.20362	0.602182	0.911885	-1.09663	0.993196	1.0015	1.0015	0.0785057	1.40883	1.40883	0.334977	0.83997	-1.19052	0.759992	1.05521	1.05521	5.68756	2.77095	0.433062	1
cg10885876	PARK2;PARK2;PARK2	0.0130151	0.0193663	0.304614	-3.28284	0.219195	1.72148	1.72148	0.523613	1.31222	1.31222	0.866211	0.931571	-1.07346	0.00137399	0.142071	-7.03876	0.461149	0.729503	-1.3708	0.0207098	0.310091	-3.22486	0.240665	1.67596	1.67596	0.0371735	0.361685	-2.76483	5.42808	15.1922	2.48783	1
cg19737004	PARK2;PARK2;PARK2	0.0130962	0.920904	0.970562	-1.03033	0.000955751	0.227486	-4.39587	0.698655	1.12416	1.12416	0.0562595	1.91628	1.91628	0.836125	0.939587	-1.0643	0.378293	0.761888	-1.31253	0.0297236	0.463128	-2.15923	0.046451	0.503497	-1.98611	0.162524	1.56608	1.56608	5.41709	7.76544	1.27423	1
cg18340188	PARK2;PARK2;PARK2	0.0138401	0.00696337	0.0894315	-11.1817	0.00968893	0.104001	-9.61528	0.026733	0.162795	-6.14268	0.0826549	0.264682	-3.77811	0.021322	0.147561	-6.77687	0.0178086	0.136383	-7.3323	0.00995064	0.105262	-9.50011	0.00823352	0.0965836	-10.3537	0.0217076	0.148718	-6.72412	5.31993	40.2958	6.73289	1
cg12305265	PARK2;PARK2;PARK2	0.0139892	0.126788	0.459786	-2.17493	0.0218327	3.65	3.65	0.894565	0.939524	-1.06437	0.0463617	0.341782	-2.92584	0.0239161	0.281463	-3.55287	0.492024	1.38862	1.38862	0.00469878	0.170745	-5.8567	0.99363	0.996251	-1.00376	0.0168982	0.253847	-3.93938	5.30123	18.5832	3.11595	1
cg27630180	PARK2;PARK2;PARK2	0.0155421	0.024526	1.43174	1.43174	0.0205298	0.688052	-1.45338	0.51392	0.915137	-1.09273	0.123649	0.799789	-1.25033	0.00753247	0.630847	-1.58517	0.552575	1.08382	1.08382	0.0353465	1.38861	1.38861	0.189941	1.20441	1.20441	0.335342	0.875378	-1.14236	5.12014	1.45544	0.252674	1
cg07436074	PARK2;PARK2;PARK2	0.0156595	0.787207	1.09125	1.09125	0.560821	1.20902	1.20902	0.0568838	0.498818	-2.00474	0.605533	1.18311	1.18311	0.0166528	0.389236	-2.56913	0.0471396	0.480382	-2.08168	0.00116238	0.214502	-4.66196	0.342222	1.37141	1.37141	0.0824789	0.537525	-1.86038	5.10737	8.42611	1.46648	1
cg24029715	PARK2;PARK2;PARK2	0.0160328	0.0665285	1.58684	1.58684	0.0112906	0.49061	-2.03828	0.010422	0.484914	-2.06222	0.792756	1.06087	1.06087	0.32326	0.79536	-1.25729	0.40422	0.825689	-1.21111	0.0944659	1.51063	1.51063	0.206338	0.741464	-1.34868	0.00875888	0.472683	-2.11558	5.06754	4.04199	0.708999	1
cg15275393	PARK2;PARK2;PARK2	0.0176016	0.107446	0.723804	-1.38159	0.167238	1.3111	1.3111	0.00755825	0.531404	-1.88181	0.116453	0.730642	-1.36866	0.0107166	0.554314	-1.80403	0.0562593	0.671848	-1.48843	0.0751565	0.694506	-1.43987	0.279423	1.22984	1.22984	0.0138562	0.571506	-1.74976	4.91192	2.63312	0.476504	1
cg16534579	PARK2;PARK2;PARK2	0.0202346	0.437411	0.821353	-1.2175	0.00143971	0.31839	-3.1408	0.0607084	0.591369	-1.69099	0.228169	0.730346	-1.36921	0.00395315	0.38174	-2.61959	0.17641	0.699739	-1.4291	0.0493605	0.572782	-1.74587	0.419139	0.814579	-1.22763	0.0299305	0.530169	-1.88619	4.68595	4.58049	0.868885	1
cg15339075	PARK2;PARK2;PARK2	0.0221633	0.0442305	0.501144	-1.99543	0.398166	0.772144	-1.2951	0.00182891	0.266159	-3.75716	0.435204	0.788216	-1.26869	0.149432	0.629996	-1.58731	0.236225	0.690038	-1.4492	0.0171608	0.419714	-2.38258	0.12683	1.63823	1.63823	0.0470241	0.506874	-1.97288	4.54239	6.42818	1.25791	1
cg03762856	PARK2;PARK2;PARK2	0.0245837	0.00753473	0.35691	-2.80183	0.00586511	0.339416	-2.94623	0.018644	0.425513	-2.35011	0.0966458	0.57899	-1.72715	0.0116875	0.389051	-2.57036	0.48082	0.806773	-1.23951	0.320283	0.735133	-1.3603	0.317494	0.73374	-1.36288	0.0213596	0.436612	-2.29036	4.38273	6.23147	1.26384	1
cg22291694	PARK2;PARK2;PARK2	0.025029	0.382383	1.25928	1.25928	0.00194117	0.323584	-3.09039	0.0340254	0.529003	-1.89035	0.0604511	0.579926	-1.72436	0.344693	0.778428	-1.28464	0.0502704	0.563078	-1.77595	0.169946	1.45672	1.45672	0.925134	1.02448	1.02448	0.63397	0.883868	-1.13139	4.35547	4.56863	0.932391	1
cg06418973	PARK2;PARK2;PARK2	0.0274103	0.0321167	0.367851	-2.71849	0.425774	1.38266	1.38266	0.0378011	0.383024	-2.6108	0.142019	0.533167	-1.87558	0.00831171	0.260795	-3.83444	0.472474	0.747412	-1.33795	0.00858783	0.263043	-3.80165	0.226024	0.602609	-1.65945	0.0152093	0.304902	-3.27974	4.21926	10.6063	2.23447	1
cg04822548	PARK2;PARK2;PARK2	0.0274224	0.882625	1.02413	1.02413	0.26708	1.20513	1.20513	0.647963	0.928498	-1.07701	0.878157	1.02507	1.02507	0.343247	0.854217	-1.17066	0.188324	1.25227	1.25227	0.000466592	2.4302	2.4302	0.546144	1.10359	1.10359	0.331452	1.17552	1.17552	4.21861	1.74005	0.36664	1
cg16611696	PARK2;PARK2;PARK2	0.0318468	0.302834	0.794307	-1.25896	0.00238313	0.401043	-2.4935	?	?	?	0.125925	1.42944	1.42944	0.796448	1.05736	1.05736	0.631379	0.900956	-1.10993	0.0493197	1.62267	1.62267	0.548968	1.13978	1.13978	0.853343	1.04073	1.04073	4.06715	2.66544	0.655358	1
cg16958667	PARK2;PARK2;PARK2	0.0337068	0.18008	0.579667	-1.72513	0.314714	0.671507	-1.48919	0.310265	0.668872	-1.49506	0.0336598	2.58656	2.58656	0.00708603	0.263748	-3.79149	0.0996614	1.99609	1.99609	0.214995	1.64865	1.64865	0.170333	1.74952	1.74952	0.597102	1.2267	1.2267	3.92005	9.10914	2.06554	1
cg24969778	PARK2;PARK2;PARK2	0.0367673	0.0377425	0.212711	-4.7012	0.00295458	0.0727193	-13.7515	0.0806334	0.288079	-3.47127	0.358535	0.545294	-1.83387	0.0101935	0.124821	-8.01145	0.0838958	0.29271	-3.41635	0.221894	0.438398	-2.28103	0.0959807	0.309041	-3.23581	0.0682768	0.269492	-3.71068	3.79858	24.8204	5.8081	1
cg18005000	PARK2;PARK2;PARK2	0.0405881	0.879393	1.01957	1.01957	0.00513609	1.60288	1.60288	0.0374985	1.36084	1.36084	0.240917	0.854958	-1.16965	0.482599	1.09536	1.09536	0.875032	1.02029	1.02029	0.016486	1.45351	1.45351	0.622369	0.938602	-1.06541	0.431061	0.902507	-1.10802	3.66337	0.945288	0.229367	1
ch.6.3208581F	PARK2;PARK2;PARK2	0.044481	0.0179084	0.703068	-1.42234	0.217233	0.853033	-1.17229	0.170951	0.836519	-1.19543	0.0129837	0.685595	-1.45859	0.0734061	0.783157	-1.27688	0.0202722	0.709858	-1.40873	?	?	?	?	?	?	0.82578	0.973369	-1.02736	3.66243	0.676355	0.211056	1
cg04010446	PARK2;PARK2;PARK2	0.0485749	0.703075	0.782283	-1.27831	0.0017506	0.057278	-17.4587	0.0458594	0.230523	-4.33795	0.518313	1.52175	1.52175	0.258778	0.469815	-2.1285	0.106109	0.32254	-3.10039	0.236411	0.451393	-2.21536	0.11952	0.338559	-2.95369	0.960079	0.968417	-1.03261	3.42551	22.3011	5.78694	1
cg14150803	PARK7;PARK7	0.00089882	0.00332345	0.481757	-2.07573	0.84149	0.964081	-1.03726	0.0727294	1.44158	1.44158	0.0271538	1.61243	1.61243	0.000172948	0.311888	-3.20628	0.00496534	0.506881	-1.97285	0.280243	1.22759	1.22759	0.0127286	1.76039	1.76039	0.116214	0.732077	-1.36598	12.1272	6.41016	0.469846	1
cg12809925	PARK7;PARK7	0.0164149	0.385107	0.745788	-1.34086	0.218651	1.5314	1.5314	0.59726	1.192	1.192	0.329412	0.717809	-1.39313	0.0328012	0.439311	-2.27629	0.386872	0.74664	-1.33933	0.419746	0.762195	-1.312	0.00187504	4.27411	4.27411	0.0203299	2.51265	2.51265	5.02795	8.64034	1.52752	1
cg24342270	PARK7;PARK7;PARK7	0.00524452	0.425257	1.14639	1.14639	0.19313	0.79368	-1.25995	0.217709	0.804465	-1.24306	0.0471789	0.683133	-1.46384	0.00243437	2.02985	2.02985	0.109904	0.746481	-1.33962	0.607993	1.09069	1.09069	0.00479799	1.87385	1.87385	0.0063472	1.81514	1.81514	7.23225	3.22468	0.396333	1
cg06384952	PARL;PARL	1.62E-05	0.0958298	0.733144	-1.36399	0.937108	1.01348	1.01348	0.969691	1.00647	1.00647	1.25E-07	0.0578181	-17.2956	0.290431	1.20465	1.20465	0.14041	0.764037	-1.30884	0.368583	0.854946	-1.16966	0.132181	0.759014	-1.3175	0.172934	1.27905	1.27905	35.795	16.3258	0.405416	1
cg23504240	PARL;PARL	0.00340046	0.101746	0.713479	-1.40158	0.0128229	1.7905	1.7905	0.125286	1.36709	1.36709	0.0289094	0.615423	-1.6249	0.698614	0.9293	-1.07608	0.00353924	0.474709	-2.10655	0.0839131	0.697369	-1.43396	0.0019381	0.437598	-2.2852	0.0432051	1.55007	1.55007	8.24464	4.63748	0.499986	1
cg23045046	PARL;PARL	0.00414385	0.00105655	0.165397	-6.04605	0.113061	1.76116	1.76116	0.079715	1.90208	1.90208	?	?	?	0.183387	0.632018	-1.58223	0.006017	0.28191	-3.54723	0.0781617	0.52346	-1.91037	?	?	?	0.0321072	2.33396	2.33396	11.5763	13.7434	1.01761	1
cg25686905	PARL;PARL	0.0215353	0.721974	0.93122	-1.07386	0.017362	1.78213	1.78213	0.122778	1.39585	1.39585	0.0235092	1.71534	1.71534	0.296103	0.805668	-1.24121	0.944348	1.01402	1.01402	0.00456159	0.470754	-2.12425	0.407947	0.844659	-1.18391	0.699118	0.92546	-1.08054	4.58738	2.89022	0.560033	1
cg19266387	PARL;PARL	0.0432728	0.114547	0.625652	-1.59833	0.961785	1.01318	1.01318	0.0292875	0.495783	-2.01701	0.0793443	0.58733	-1.70262	0.524639	0.838482	-1.19263	0.740635	1.09501	1.09501	0.430497	1.24591	1.24591	0.149794	1.52488	1.52488	0.00503974	0.362949	-2.75521	3.57742	4.23002	1.05104	1
cg20121803	PARL;PARL;PARL;PARL	0.0339664	0.292634	0.647228	-1.54505	0.286242	0.643198	-1.55473	0.425977	0.723299	-1.38255	0.397315	0.707963	-1.4125	0.0305949	0.363361	-2.75208	0.0478477	2.46334	2.46334	0.0952249	0.481672	-2.0761	0.605276	1.23091	1.23091	0.00912644	3.7426	3.7426	3.90923	9.83114	2.23542	1
cg11079866	PARM1	9.96E-05	0.01207	1.29591	1.29591	0.0119171	1.2968	1.2968	0.0226722	0.797758	-1.25351	0.485663	1.06043	1.06043	0.686597	0.966966	-1.03416	0.072011	0.846779	-1.18095	1.81E-06	0.373593	-2.67671	0.957418	1.00443	1.00443	0.0979337	0.860401	-1.16225	22.1661	2.40785	0.0965578	1
cg24703018	PARM1	0.000716469	0.290225	0.727338	-1.37488	0.0910386	1.72458	1.72458	0.0172012	2.37282	2.37282	0.000132176	0.122485	-8.16426	0.0148509	0.409264	-2.44341	?	?	?	0.478438	1.23165	1.23165	0.000381138	0.170295	-5.87216	0.396262	1.28588	1.28588	16.247	18.6227	1.00295	1
cg00068810	PARM1	0.0013425	0.00243271	0.476919	-2.09679	0.111351	0.737644	-1.35567	0.000634246	0.398144	-2.51165	0.901661	0.978544	-1.02193	0.000124523	0.309309	-3.23301	0.991605	1.00185	1.00185	0.00860232	0.555471	-1.80027	0.231205	1.24651	1.24651	0.459563	0.876235	-1.14125	10.8189	5.27493	0.433392	1
cg15871647	PARM1	0.00469529	0.0104854	0.614516	-1.6273	0.33537	1.16203	1.16203	0.142629	1.26897	1.26897	0.0161989	1.55983	1.55983	0.000742959	0.461122	-2.16862	0.315863	1.16971	1.16971	0.146931	0.790334	-1.26529	0.42983	0.885311	-1.12955	0.0650016	1.3678	1.3678	7.48056	2.70703	0.321667	1
cg06885045	PARM1	0.0121397	0.0401472	0.406697	-2.45883	0.928942	1.03442	1.03442	0.888537	1.05465	1.05465	0.47146	0.757364	-1.32037	0.135515	0.54314	-1.84115	0.00946261	0.287202	-3.48186	0.0125601	0.307975	-3.24702	0.220184	0.613192	-1.63081	0.000577551	0.132599	-7.54156	5.5526	12.6584	2.02642	1
cg01901089	PARM1	0.032105	0.161047	0.650936	-1.53625	0.673551	0.885569	-1.12922	0.490704	0.818095	-1.22235	0.578746	0.851415	-1.17452	0.00814516	0.378554	-2.64163	0.0215629	0.453143	-2.20681	0.00291975	0.309495	-3.23107	0.782441	0.923678	-1.08263	0.041049	0.508565	-1.96632	3.9892	5.19704	1.15803	1
cg24188073	PARM1	0.034015	?	?	?	0.779674	0.920575	-1.08628	0.258298	1.42963	1.42963	0.00246378	0.20679	-4.83583	0.110622	0.581183	-1.72063	0.979196	0.992347	-1.00771	0.112342	1.71483	1.71483	0.569701	1.18583	1.18583	0.542804	0.832824	-1.20073	5.83032	6.53777	0.700838	1
cg26189112	PARM1	0.0496964	?	?	?	0.926976	0.974801	-1.02585	0.243211	1.40494	1.40494	0.53057	0.837884	-1.19348	0.0094534	0.400237	-2.49852	0.00846409	0.392222	-2.54958	0.55439	0.846625	-1.18116	0.33264	1.32082	1.32082	0.756185	0.916938	-1.09059	3.44616	3.76074	1.09128	1
cg09647016	PARN;PARN	5.77E-06	0.649197	1.04856	1.04856	0.00187303	0.633371	-1.57885	6.25E-06	0.351536	-2.84466	0.538286	0.937517	-1.06665	0.8242	1.02331	1.02331	1.00E-07	0.166944	-5.99002	0.347258	0.904643	-1.10541	0.0131574	0.72736	-1.37483	0.0583287	0.801296	-1.24798	46.7836	7.94436	0.150943	1
cg03038233	PARN;PARN	1.44E-05	0.000964006	0.662983	-1.50833	0.00497264	1.36472	1.36472	0.174535	1.12837	1.12837	0.954144	0.995203	-1.00482	0.000183428	0.589322	-1.69686	0.155796	0.880739	-1.13541	2.79E-07	0.281618	-3.55091	0.349556	0.92263	-1.08386	0.668551	0.964624	-1.03667	36.8713	4.08375	0.0984505	1
cg01328190	PARN;PARN	0.000145634	0.159754	0.839828	-1.19072	6.09E-06	0.308083	-3.24588	0.0385507	0.756935	-1.32112	0.839666	0.976736	-1.02382	0.0309175	1.34238	1.34238	0.116118	0.820021	-1.21948	0.000278605	1.99555	1.99555	0.29272	0.880876	-1.13523	0.540903	0.9306	-1.07458	20.0156	4.28015	0.190081	1
cg26949715	PARN;PARN	0.00026262	0.00246728	0.471923	-2.11899	0.161954	1.30523	1.30523	0.46977	1.14018	1.14018	0.0225107	1.62821	1.62821	1.08E-05	0.187662	-5.32872	0.350323	1.18707	1.18707	0.0264661	0.625408	-1.59896	0.0787847	1.41654	1.41654	0.013105	0.577609	-1.73128	17.0593	8.59725	0.447965	1
cg08458852	PARN;PARN	0.00132655	0.133697	1.41216	1.41216	0.000197247	0.263183	-3.79964	0.0506568	0.621791	-1.60826	0.105542	1.45831	1.45831	0.022995	1.78643	1.78643	0.0317054	1.7114	1.7114	0.0094037	2.01874	2.01874	0.0124299	1.94209	1.94209	0.179343	1.35571	1.35571	10.856	7.82716	0.640886	1
cg27550441	PARN;PARN	0.00135039	0.000654161	0.207401	-4.82158	0.00456708	0.320677	-3.1184	0.0285418	0.459261	-2.17741	0.0112338	0.384208	-2.60276	0.000828583	0.219589	-4.55396	0.00316853	0.297005	-3.36695	0.0006297	0.205475	-4.86676	0.483908	1.23892	1.23892	0.0164989	0.413877	-2.41618	10.8008	15.5133	1.27672	1
cg01264729	PARN;PARN	0.00777785	0.829936	1.07407	1.07407	0.00349744	3.72872	3.72872	0.999638	0.999849	-1.00015	0.201612	1.56509	1.56509	0.0408948	0.456608	-2.19006	0.95661	0.982088	-1.01824	0.486844	0.790818	-1.26451	0.000873033	5.25158	5.25158	0.0434565	2.16278	2.16278	6.40056	11.1862	1.5535	1
cg00463957	PARN;PARN	0.0157735	0.290559	0.72879	-1.37214	0.380044	1.29658	1.29658	0.040011	0.504292	-1.98298	0.85248	1.05516	1.05516	0.00241698	0.295665	-3.3822	0.00871092	0.381309	-2.62255	0.403119	0.78131	-1.2799	0.0534222	1.88291	1.88291	0.166565	0.653489	-1.53025	5.09508	6.7135	1.17124	1
cg07181528	PARN;PARN	0.0167511	0.216635	0.6719	-1.48832	0.000225894	0.153215	-6.52678	0.663613	1.14322	1.14322	0.810705	0.929237	-1.07615	0.76278	0.911569	-1.09701	0.82693	0.93522	-1.06927	0.365509	1.32893	1.32893	0.616924	0.857057	-1.16678	0.860233	1.05539	1.05539	4.99404	7.39924	1.31699	1
cg08227786	PARN;PARN	0.0204786	0.0216763	0.344325	-2.90424	0.0662421	2.21854	2.21854	0.43703	0.735903	-1.35887	0.942601	1.02824	1.02824	0.00499206	0.237606	-4.20865	0.0398985	0.399046	-2.50598	0.0897046	0.485025	-2.06175	0.105861	1.98016	1.98016	0.298152	0.658938	-1.51759	4.66687	11.057	2.106	1
cg03176203	PARN;PARN	0.0364046	0.291062	0.706345	-1.41574	0.0167112	2.52682	2.52682	0.126148	1.69061	1.69061	0.214307	0.660437	-1.51415	0.102162	0.566873	-1.76406	0.203094	0.652901	-1.53163	0.0242056	0.426278	-2.34589	0.0602174	0.510399	-1.95925	0.937963	0.975603	-1.02501	3.81232	6.07935	1.41748	1
cg08498138	PARN;PARN	0.040769	0.0198104	0.50692	-1.9727	0.011822	0.468091	-2.13633	0.359985	0.796702	-1.25517	0.0274205	0.532569	-1.87769	0.029223	0.537712	-1.85973	0.0181799	0.500305	-1.99878	0.882532	1.03635	1.03635	0.530088	0.857615	-1.16602	0.86435	1.04216	1.04216	3.65736	3.37801	0.820994	1
cg00316151	PARN;PARN	0.041873	0.0584344	0.513198	-1.94856	0.819916	0.931332	-1.07373	0.0154252	0.395613	-2.52772	0.559716	0.831929	-1.20203	0.0241635	0.432281	-2.31331	0.0212297	0.421434	-2.37285	0.0140895	0.388522	-2.57386	0.950069	1.01973	1.01973	0.0513066	0.500423	-1.99831	3.62139	5.58248	1.37025	1
cg03124214	PARN;PARN	0.0489898	0.0706058	2.33103	2.33103	0.0104748	0.259359	-3.85566	0.358044	0.67308	-1.48571	0.918672	1.04371	1.04371	0.111792	2.06552	2.06552	0.147205	1.91844	1.91844	0.0352758	2.7926	2.7926	0.9709	1.0154	1.0154	0.785297	1.12118	1.12118	3.41449	9.48777	2.46994	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T vs. N)	p-value(121T 12T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 47T vs. N)	Fold-Change(353T vs. N)	p-value(537T 53T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20088626	PARP1	9.64E-05	0.893227	0.968393	-1.03264	0.886142	0.01486	1.03486	0.000918696	0.305902	-3.26002	0.32078	1.27193	1.27193	0.000124973	0.202167	4.9464	0.0827977	1.58318	1.58318	3.88E-06	0.0763595	-13.0959	0.0224748	0.5240252	-1.92389	0.0218005	0.517671	-1.91173	22.3559	20.2627	0.805267	1
cg26464410	PARP1	0.00946314	0.0110082	0.7086558	-1.41112	0.0238476	0.63307	-1.57961	0.684583	1.04508	1.04508	0.543368	0.935741	-1.06867	0.0031965	0.64633	-1.5472	0.0626189	1.25386	1.25386	0.505019	0.92957	-1.10757	0.0545831	0.790223	-1.26547	0.85168	0.979993	-1.02042	0.61564	1.11067	0.164116	1
cg18764804	PARP1	0.00989518	0.0516572	0.268837	-3.71972	0.733634	1.12459	1.12459	0.345627	0.562064	-1.77916	0.0122851	0.157268	-6.35857	0.157508	0.407971	-2.45115	0.13943	0.385291	-2.56878	0.000516214	0.0402031	-24.8737	0.0422296	0.24958	-4.00673	0.00591219	0.118135	-8.46486	5.93056	33.0477	4.95329	1
cg17297700	PARP1	0.0254975	0.3601218	0.83199	-1.20194	0.964465	0.99132	-1.00875	0.2445	1.26874	1.26874	0.960807	1.00965	1.00965	0.00218719	0.431682	-2.31652	0.0100686	0.529972	-1.88689	0.208379	1.26602	1.26602	0.446992	1.16361	1.16361	0.252045	0.791423	-1.26355	4.32744	2.61955	0.538075	1
cg04960271	PARP1	0.0287513	0.638218	1.10669	1.01914	1.83459	1.83459	0.132991	1.41476	0.402302	0.832373	-1.20138	0.361462	1.22238	1.22238	0.969785	0.991925	-1.00814	0.00246032	0.405345	-2.46339	0.384737	1.21017	1.21017	0.354036	1.22642	1.42884	3.01066	0.645032	1
cg23712594	PARP1	0.0313323	0.0237416	0.352492	-2.83694	0.0520997	2.34791	2.34791	0.0705122	2.18328	2.18328	0.873393	0.940256	-1.06354	0.074399	0.98768	-1.0134	0.107253	1.97217	1.97217	0.00961252	0.563561	1.99602	1.99602	0.516115	0.775429	-1.28861	4.02409	0.91502	2.10077	1
cg12595460	PARP1	0.0422742	0.0705449	0.496313	-2.01486	0.565196	1.22328	1.22328	0.524218	0.799544	-1.25071	0.462581	0.771668	-1.29589	0.0098528	0.322823	-3.09767	0.0138201	2.87109	2.87109	0.782762	1.10054	1.10054	0.454476	1.30225	1.30225	0.165908	0.599203	-1.66888	3.6086	6.86602	1.69149	1
cg02537587	PARP1	0.001196	5.46E-05	0.444525	-2.41241	0.0220138	1.57861	1.57861	0.218323	1.1638	1.1638	0.234276	0.864098	-1.15728	0.200389	0.862942	-1.15883	0.0974581	0.667104	-1.49902	0.275507	0.875532	-1.1424	0.0281674	1.35483	1.35483	0.756988	0.96429	-1.03703	11.1824	2.40966	0.193213	1
cg01087932	PARP11	0.00577123	0.0273415	0.537192	-1.86153	0.181631	0.717756	-1.39323	?	?	0.0488688	0.587287	-1.70274	0.000290718	0.22608	-4.42321	?	0.0825446	0.756729	-1.32148	0.327692	1.26525	1.26525	0.1002	1.52707	1.52707	0.0715112	0.622193	-1.60722	8.26766	6.11877	0.647574	1
cg02629093	PARP11	0.00616773	0.500761	0.843403	-1.18567	0.00833464	0.431594	-2.31699	0.025436	0.515867	-1.93848	0.738331	0.919843	-1.08714	0.000779556	0.28178	-3.54887	0.0085163	0.433127	-2.30879	0.0798774	1.62308	1.62308	0.337525	1.27941	1.27941	0.129716	0.665021	-1.50371	6.8803	6.76747	0.874312	1
cg19350133	PARP11	0.0103631	0.1276984	1.34205	1.33228	2.502779	2.14705	2.14705	0.152638	1.12294	1.12294	0.416314	1.16029	1.16029	0.0186065	1.74966	-2.57145	0.1115538	1.36366	1.36366	0.00026157	2.92715	2.92715	0.00879775	1.81669	1.81669	0.0388843	1.53407	1.53407	5.84351	2.96386	0.450849	1
cg08761447	PARP11	0.046489	0.00362619	0.429689	-2.32726	0.447067	1.18091	1.18091	0.10385	1.46466	1.46466	0.0216181	0.553294	-1.80736	0.83098	0.104693	1.04693	0.820488	0.952399	-1.04998	0.9717	0.992436	-1.00762	0.6133362	0.902021	-1.10862	0.304519	0.795986	-1.2563	3.48272	2.53974	0.648215	1
cg17044106	PARP11	0.0460823	0.133662	0.514936	-1.94199	0.483354	0.746572	-1.33946	0.198355	0.645358	-1.55633	0.315034	1.53151	1.53151	0.029218	0.348493	2.8695	0.2240463	0.592116	-1.68886	0.00259009	0.179108	-5.58325	0.87663	1.06581	1.06581	0.0969604	0.473569	-2.11163	3.47213	9.2541	2.66979	1
cg16092585	PARP11;PARP11	0.0103127	?	?	?	0.0152732	0.63718	0.63718	0.0150838	0.67502	0.67502	0.0564052	0.264632	-3.77883	?	?	?	0.0810119	0.306969	-3.25766	0.0112143	0.103601	-7.6569	0.065283	0.2810332	-3.55832	0.432333	0.622302	-1.60694	8.16066	33.0564	3.47203	1
cg24435704	PARP12	9.28E-05	0.000637735	0.257287	-3.8867	0.0157029	0.308626	-3.24017	0.00040041	0.232747	-4.29651	0.178153	0.690488	-1.44825	7.44E-06	0.077803	-12.853	0.000653109	0.25858	-3.86728	8.30E-05	0.159702	-6.26167	0.205596	0.707747	-1.41293	0.000471156	0.241173	-4.1464	22.5884	23.9724	0.943353	1
cg14482215	PARP12	9.55E-05	0.983417	0.997515	-1.00249	0.000359268	0.503912	-1.98447	1.83E-05	0.351252	-2.84696	0.0195662	0.71336	-1.40182	0.700163	1.04742	1.04742	0.000225744	0.479805	-2.08418	0.00144634	1.73521	1.73521	0.00488335	0.639921	-1.56269	0.00169606	0.584586	1.71061	22.4171	5.88409	0.201794	1
cg05994974	PARP12	0.000550126	0.00459736	0.343425	-2.91184	0.000206613	0.171922	-5.8166	0.0215707	0.457526	-2.18566	0.0420365	0.514888	-1.94217	0.720715	0.903287	-1.10707	0.251058	0.711918	-1.40466	9.65E-05	0.140132	-7.13613	0.567516	1.1779	1.1779	0.000240634	0.178764	-5.59398	13.9162	17.6942	1.1302	1
cg22165171	PARP12	0.00459137	0.0040953	0.324665	-3.08163	0.000810194	0.376519	-2.65591	0.000159031	0.208519	-4.79579	0.15534	0.643825	-1.55322	0.000138145	0.148375	-6.73967	0.000961861	0.240795	-4.15291	0.000207573	0.165572	-6.03968	0.0167948	0.47953	-2.08513	0.0046792	0.436598	-2.97091	13.9816	18.1722	1.18064	1
cg04924707	PARP12	0.00914891	0.0315855	0.473474	-2.11203	0.0302028	0.467723	-2.13802	0.0255843	0.605873	-1.65051	0.013387	0.5035	-1.98603	0.0027	0.755407	1.3239	0.189299	0.768977	-1.30041	0.0169404	0.576808	-1.73368	0.952304	0.988763	-1.01136	0.794784	1.05048	0.68061	3.43706	0.502445	1
cg12013713	PARP12	0.0333937	0.00460865	0.275945	-3.62391	0.0254237	0.40369	-2.47715	0.0371387	0.437653	-2.28492	0.138725	0.580275	-1.72332	0.0233011	0.396215	-2.52388	0.141849	0.58313	-1.71488	0.544545	0.811043	-1.23298	0.1103363	0.5520319	-1.81153	0.0124627	0.345842	-2.8915	3.93325	7.26434	1.64169	1
cg03873220	PARP12	0.0337934	0.0787346	0.726096	-1.37723	0.0202179	0.4263	-2.34567	0.0293829	0.685382	-1.45837	0.0205	0.737772	-1.35607	0.0108	0.741138	-1.34879	0.7379722	0.946437	-1.05659	0.5974411	1.05911	1.0611	0.4964	1.06376	1.06376	0.364283	0.826343	-1.21015	0.0425541	0.68194	1.4664	3.91643	1.6662	0.37833	1
cg25279100	PARP12	0.0393962	0.102322	0.833802	-1.19933	0.641597	1.04881	1.04881	0.00116788	0.61598	-1.62343	0.518467	0.935615	-1.06882	0.40673	0.917332	1.09012	0.515144	0.935106	-1.0694	0.811836	1.02427	1.02427	0.0541442	0.800756	-1.24882	0.0847759	0.82383	-1.21384	6.6853	0.6032556	0.145504	1
cg10482022	PARP14	3.18E-07	6.69E-08	0.027136	-36.8242	3.94E-07	0.766475	1.29355	0.0001	0.0001	0.0001	0.291319	0.43267	0.002083818	0.242629	-4.12305	0.000164141	0.270718	-3.75703	0.0001	0.0001	0.0001	0.0341393	-29.2917	0.0015584	0.640262	-2.46146	1.25E-06	0.0884216	1.83876	0.0884	61.5516	0.153128	1
cg19241468	PARP14	0.0415918	0.0168547	0.229046	-4.36593	0.0114241	0.201889	-4.95322	0.00714643	0.172764	-5.78824	0.300906	0.581702	-1.71909	0.162679	0.470797	2.12406	0.0855744	0.382692	-2.61307	0.0602086	0.342532	-2.91943	0.0414576	0.304669	-3.28225	0.489061	0.701016	-1.4265	3.63044	14.6899	3.59672	1
cg22821981	PARP15	0.000102162	0.00025402	2.88591	2.88591	7.03E-05	3.57083	3.057083	0.000806194	2.42791	2.42791	0.024372	1.60111	1.60111	2.66E-05	4.39541	4.39541	5.76E-05	3.70194	3.70194	0.000488154	2.60841	2.60841	0.0627236	1.444	1.444	0.00570002	1.88909	1.88909	22.0142	10.7321	0.433341	1
cg00384183	PARP15	0.00269681	0.4747331	0.865069	-1.15371	0.0691037	1.49191	1.49191	0.00251342	0.438055	-2.28282	0.981881	1.00468	1.00468	0.00127327	0.442808	-2.25831	0.0760094	0.67816	-1.47458	0.0778396	0.681168	-1.46807	0.115319	0.745885	-1.40939	0.000249023	0.304472	3.28438	0.83248	5.41213	0.544669	1
cg03840504	PARP15	0.0050164	0.000677766	2.95703	2.95703	0.00331117	2.30445	2.30445	0.0272643	1.72501	1.72501	0.479047	1.16204	1.16204	0.015943	0.540142	-1.85137	0.109326	1.43961	1.43961	0.547575	0.880726	-1.13543	0.911229	1.02355	1.02355	0.863959	1.03644	1.03644	7.33126	5.05718	0.613164	1
cg06089458	PARP15	0.0058046	0.0258153	0.482514	-2.46537	0.0160394	0.781695	-1.27927	0.00575638	0.592979	-1.6864	0.0140402	0.513053	-1.94837	0.0015265	0.515763	-1.93186	0.0209658	0.826215	-1.21034	0.1100911	1.05536	1.05536	0.2511044	0.870188	-1.14914	0.0072719	0.625478	-1.59853	4.49212	0.6077375	0.438373	0.729774	1.18064	1
cg02503487	PARP15	0.0125893	0.112519	0.631123	-1.58448	0.0013771	0.290228	-3.44556	0.0108354	0.426366	-2.3454	0.453821	0.816056	-1.22541	0.0062466	0.386991	1.58404	0.233627	0.71701	-1.39468	0.0377171	0.52493	-1.90501	0.343504	0.771079	-1.29688	0.0067332	0.392192	4.57385	3.42783	1.16776	0.999117	1
cg02870960	PARP15;PARP15	0.00114552	0.64358	0.823264	-1.21468	0.0755595	0.43794	-2.28342	0.0657506	0.422377	-2.36755	0.434659	0.716976	-1.39475	0.000182131	0.0712205	-14.0409	0.255861	1.64061	1.64061	6.30E-05	0.0461845	-21.6523	0.153446	0.528361	-1.89264	0.0539795	0.401301	-2.49189	13.3208	31.2359	2.45258	1
cg03899219	PARP15;PARP15	0.00506631	0.6860892	0.926187	-1.3465	0.0374568	0.91043	-1.14668	0.0085585	0.320945	-3.12045	0.185328	0.657235	-1.52098	0.0143979	0.538348	-1.85748	0.83357	0.915588	-1.09224	0.153202	1.30065	1.30065	0.748121	0.873837	-1.14439	0.0100568	0.256708	-3.89547	6.95123	0.2911	0.46686	1
cg23442853	PARP15;PARP15	0.0199047	0.0296298	0.47158	-2.12145	0.00619283	0.53241	1.53241	0.145168	1.7386	1.7386	0.648701	1.16764	1.16764	0.0160452	2.83467	2.83467	0.0156994	2.84863	2.84863	0.0146503	2.31582	3.85027	0.03973	2.31786	2.31786	0.0962781	1.9072	1.9072	4.7122	9.32765	1.75953	1
cg15447607	PARP15;PARP15	0.0192502	0.0798844	0.5	-1.99977	0.0165963	0.115139	-8.68377	0.0012124	0.145445	-6.90013	0.0014464	0.314906	-3.17591	0.0003886	0.324096	-3.08511	0.0625518	2.38368	2.38368	0.0014952	0.0314496	0.0660562	-15.1186	0.004722	0.284683	-3.51326	0.0053932	0.222076	4.50269	3.93958	0.874678	1
cg06654992	PARP15;PARP15	0.0404805	0.0524323	1.65406	1.65406	0.667328	0.906051	-1.10369	0.0499635	0.600457	-1.6654	0.0060999	0.44185	-2.26321	0.057877	0.613099	-1.63106	0.939295	1.01753	1.01753	0.292877	1.2827	1.2827	0.651355	1.10937	1.10937	0.795735	1.06098	1.06098	3.66696	1.02338	0.732882	1
cg12581019	PARP16	0.00617932	?	?	?	0.0366138	0.700632	-1.42728	0.893861	0.980654	-1.01973	0.0661679	1.35241	1.35241	0.00163057	0.51625	-1.93705	0.103489	0.770395	-1.29804	0.0246045	1.48014	1.48014	0.0336591	1.43828	1.43828	0.370098	0.873862	-1.14435	7.02096	2.12106	0.302104	1
cg22959892	PARP16	0.00480337	0.5656638	-1.76792	-1.76792	0.0853055	1.44359	1.44359	0.708228	1.05891	1.05891	0.0359022	0.889482	-1.45015	0.0446773	0.704001	-1.42045	0.527323	1.10243	1.10243	0.74987	0.952463	-1.04991	0.0343736	1.45913	1.45913	0.257995	1.19689	1.19689	5.11291	1.8489	0.326415	1
cg25254014	PARP16	0.0198819	0.198843	1.64699	1.64699	0.248156	0.64216	-1.55724	0.423008	0.741439	-1.34873	0.000529363	0.120253	-8.31583	0.407417	1.36323	1.36323	0.797983	1.098	1.098	0.547088	1.24911	1.24911	0.468039	1.30965	1.30965	0.583405	1.22399	1.22399	5.25273	10.813	1.6011	1
cg23478105	PARP16	0.0193379	0.053036	1.3	1.3	0.0357083	0.414413	-2.40146	0.1236	0.667927	-1.49717	0.645976	1.11837	1.11837	0.0178	0.722	1.0727	0.365507	1.2553	1.2553	0.0885006	1.05985	1.05985	0.572337	1.02625	1.02625	0.841198	0.85782	1.03982	0.013789	0.478876	2.08822	4.1198	3.8754	0.442819	1
cg17195127	PARP16	0.0195516	0.0970198	0.740473	-1.35049	0.854006	0.97082	-1.03084	0.524919	0.899172	-1.11213	0.459271	1.13236	1.13236	0.0334203	0.639824	-1.56293	0.954718	1.00941	1.00941	0.425009	0.680215	-1.47012	0.0097378	1.71489	1.71489	0.372127	1.16318	1.16318	3.71229	1.59994	0.383097	1
cg01192875	PARP16	0.042998	0.0113075	0.492619	-2.02996	0.154524	1.40514	1.40514	0.0735736	0.640675	-1.56085	0.913057	0.975918	-1.02468	0.205579	0.742261	-1.34724	0.322245	0.795944	-1.25637	0.766386	0.935662	-1.06876	0.0102094	0.485367	-2.06029	0.0420173	0.592761	-1.68702	1.58591	2.8292	0.701313	1
cg06130751	PARP16;PARP16	0.0190403	0.1804661	1.43876	1.43876	0.2292	1.15095	1.15095	0.459709	0.814168	-1.22853	0.0402456	0.442598	-1.34498	0.112625	0.659703	-1.51603	0.365027	1.2353	1.2353	0.0880506	1.05985	1.05985	0.572337	1.02625	1.02625	0.841198	0.85782	1.03982	0.013789	0.478876	2.08822	4.1198	3.8754	0.442819	1
cg17195127	PARP16	0.0195516	0.0970198	0.740473	-1.35049	0.854006	0.97082	-1.03084	0.524919	0.899172	-1.11213	0.459271	1.13236	1.13236	0.0334203	0.639824	-1.56293	0.954718	1.00941	1.00941	0.425009	0.680215	-1.47012	0.0097378	1.71489	1.71489	0.372127	1.16318	1.16318	3.71229	1.59994	0.383097	1
cg01192875	PARP16	0.042998	0.0113075	0.492619	-2.02996	0.154524	1.40514	1.40514	0.0735736	0.640675	-1.56085	0.913057	0.975918	-1.02468	0.205579	0.742261	-1.34724	0.322245	0.795944	-1.25637	0.766386	0.935662	-1.06876	0.0102094	0.485367	-2.06029	0.0420173	0.592761	-1.68702	1.58591	2.8292	0.701313	1
cg06130751	PARP16;PARP16	0.1804661	1.43876	1.43876	0.2292	1.15095	0.459709	0.814168	-1.22853	0.0402456	0.442598	-1.34498	0.112625	0.659703	-1.51603	0.365027	1.2353	0.0880506	1.05985	1.05985	0.572337	1.02625	1.02625	0.841198	0.85782	1.03982	0.013789	0.478876	2.08822	4.1198	3.8754	0.442819	1
cg22608038	PARP16;PARP16	0.0420132	0.616239	1.06268	1.06268	0.104781	1.23926	1.23926	0.56846	1.07224	1.07224	0.113073	0.812005	-1.23152	0.363842	0.893224	1.11954	0.488022	0.918284	-1.08899	0.0155349	0.575942	-1.73628	0.845972	1.02381	1.02381	0.907653	0.98057	-1.01414	5.61627	0.8385	0.206126	1
cg00930545	PARP2	0.0060098	0.901234	0.964506	-1.03691	0.0255183	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg26430074	PARP2;PARP2;RPPH1	0.0153462	0.636651	0.945543	-1.05759	0.59865	0.93941	-1.0645	0.00056496	1.87538	1.87538	0.117881	0.828604	-1.20685	0.122312	0.821146	-1.21781	0.387989	0.901117	-1.10973	0.067488	1.27262	1.27262	0.957815	0.993795	-1.00624	0.939405	1.00899	1.00899	5.14172	1.12769	0.194953	1
cg22997498	PARP3	0.0103233	0.809351	1.04747	1.04747	0.00705035	0.394756	-2.53347	0.113249	0.58566	-1.70788	0.0156254	0.508274	-1.96694	0.0048763	0.49343	-2.02706	0.0050601	0.2444	-4.09166	0.0737403	0.100933	1.00933	0.0824215	0.1294	0.1294	0.0010382	0.172413	0.362116	0.12487	2.42201	1
cg12345593	PARP8;PARP9;PARP3	0.0189515	0.73764	1.08722	1.08722	0.456412	1.47665	-1.69755	0.571089	1.51503	1.51503	0.102853	0.645121	1.5588	0.0007188	0.563953	-1.77295	0.001537	0.321597	-3.10948	0.0192521	0.494442	-2.02148	0.412642	1.12948	1.12948	0.534896	1.16921	1.16921	4.7912	4.69531	0.870199	1
cg02577651	PARP3;PARP9;PARP3;PARP3;PARP3	0.00834857	0.188997	1.20717	1.20717	0.392681	0.888375	-1.12578	0.979871	0.996592	-1.00342	0.206236	1.19768	1.19768	0.947859	1.00889	1.00889	0.84842	1.02623	1.02623	0.00631734	1.61794	1.61794	0.211487	1.19494	1.19494	0.000545238	0.483393	-2.06871	6.25945	1.81473	0.257706	1
cg12554573	PARP3;PARP9;PARP3;PARP3;PARP3	0.0409338	0.0472843	1.47422	1.47422	0.0870983	0.956167	-1.24117	0.443877	0.792218	-1.26183	0.0238789	0.79102	-1.26433	0.0187102	0.790483	-1.26493	0.831117	1.07	1.07	0.0160405	0.301166	-3.32043	0.0099241	0.350199	-2.85556	0.0522867	0.496948	-2.01228	3.65192	3.88547	0.44129	1
cg16986096	PARP4	3.31E-05	0.000624995	0.463855	-2.15585	0.000105841	0.368043	-2.71707	0.342459	1.1352	1.1352	0.225992	1.204	1.204	6.18E-05	0.340082	-2.94047	8.80E-05	0.358928	-2.78607	0.000166901	0.392156	-2.55001	0.52819	1.09781	1.09781	0.85E-06	0.249767	-4.00373	29.68	10.0227	0.300171	1
cg17117459	PARP4	0.000438092	0.0509023	0.480916	-2.08195	0.0117252	0.354809	-2.81775	0.00171285	0.229595	-4.36176	0.0176748	0.386973	-2.58432	0.0010428	0.104847	-9.56767	0.0203779	0.543769	-1.83902	0.0148116	1.76678	1.76678	0.0147892	1.49617	-2.00154	1.38E-05	0.122396	-8.17017	14.3517	11.9973	0.753568	1
cg21812277	PARP4	0.0035474	0.0619374	0.586518	-11.5006	0.0083438	0.0995996	-10.0402	0.00474054	0.0765218	-13.0682	0.0314686	0.177942	-5.6198	0.00283561	0.0600715	-16.6468	0.0153105	0.130414	-7.66789	0.00485871	0.023713	-42.171	0.191536	0.388256	-2.57562	0.00760214	0.0954906	-10.4722	8.14095	60.3638	6.59097	1
cg21864942	PARP4	0.0167373	0.0685042	0.492574	-2.03004	0.0158228	0.463438	-2.15808	0.0183088	0.176894	-5.65153	0.0432739	0.384738	-2.60004	0.0141426	0.37555	-2.66333	0.0116673	0.144348	-6.92705	0.0047397	0.0144274	-69.3308	0.0014481	-2.81022	0.0084379	0.676599	-1.47726	0.163604	0.76683	1.30435	0.56307	0.418267	0.4496	1
cg20765408	PARP4	0.0213432	0.0768	0.304418	-3.28495	0.0308254	0.215991	-4.62982	0.00753025	0.125143	-7.99087	0.430493	0.614898	-1.62629	0.0318131	0.218575	-4.57509	0.210243	0.450266	-2.22091	0.00211483	0.0734128	-13.6216	0.841102	1.12898	1.12898	0.039188	0.236408	-4.22997	4.60147	26.6167	5.14168	1
cg18582260	PARP4	0.0159302	0.778552	-1.28464	0.826911	0.906605	1.03302	0.0245476	0.3165	-3.15729	0.0425059	0.3514	-2.84576	0.656021	0.818148	0.122228	-8.18243	0.0031374	0.242063	-4.13116	0.00316934	0.164466	-6.0883	0.4889655	1.19739	1.19739	0.244805	0.580002	-1.72413	3.92116	12.4487	2.82201	1
cg00257767	PARP4	0.0360082	0.0368137	0.294197	-3.39909	0.432765	0.667732	-1.49761	0.379976	0.634867	-1.57513	0.499175	0.707453	-1.41352	0.0162681	0.102391	-9.76652	0.262373	0.554573	-1.80319	0.744915	0.848152	-1.17903	0.2330327	0.530003	-1.88678	0.00897076	0.187015	6.34715	1.82752	15.428	3.58293	1
cg02883230	PARP5	0.0091297	0.0924995	0.680608	-1.46927	0.28903	0.795549	-1.25699	0.843807	1.04185	1.04185	0.528451	0.857707	-1.14193	0.0181369	0.550852	-1.81537	0.0114784	0.51829	-1.92942	0.000932585	0.358153	-2.7921	0.00224271	0.410981	-2.4332	0.0765429	0.664031	-1.50595	0.6861	4.16298	0.608013	1
cg22166018	PARP5	0.0107675	0.132953	1.56747	1.56747	0.0370525	0.394756	-2.53347	0.113249	0.58566	-1.70788	0.0156254	0.508274	-1.96694	0.0048763	0.49343	-2.02706	0.0050601	0.2444	-4.09166	0.0737403	0.100933	1.00933	0.0824215	0.1294	0.1294	0.0010382	0.172413	0.362116	0.12487	2.42201	1
cg23331961	PARP5	0.0247848	0.0597303	0.432411	-2.31261	0.0118969	0.289741	-3.45136	0.449876	0.737983	-1.35505	0.480347	0.753451	-1.32723	0.0492629	0.412466	-2.42444	0.0955302	0.485495	-2.05975	0.00273304	0.195498	-5.11515	0.00851767	0.265842	-3.76163	0.076466	0.459746	-2.17511	4.37035	10.7778	2.19211	1
cg10481534	PARP5	0.0215613	0.0911959	0.674557	-1.48236	0.0178503	0.480804	-2.07965	0.0140998	0.521824	-1.91615	0.0215242	0.558104	-1.84788	0.0070624	0.512417	-1.95144	0.0197534	0.73004	-1.37132	0.0156838	0.956438	-1.04962	0.1567885	0.747629	-1.33756	0.0269437	0.784109	-1.27481	3.15215	4.1915	1.33115	1
cg20064836	PARP6	0.0298085	0.130388	1.6469	1.6469	0.97651	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N) vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-111T 057 vs. N) vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-112T 117 vs. N) vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-121T 127 vs. N) vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 21T vs. N) vs. N)	p-value(1347 vs. N)	Fold-Change(1-vs-1347 477 vs. N) vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 537 vs. N) vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 57T vs. N) vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 63T vs. N) vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg11282289	PATE1	0.000447513	0.107366	1.28879	-1.28879	0.966255	0.993911	-1.03613	0.001626629	0.521081	-1.91909	0.0223817	0.673656	-1.48444	4.93E-05	0.33261	-3.00653	0.775718	0.959602	-1.0421	0.00100383	0.494128	-2.02377	0.0390713	1.41869	0.00404762	0.57222	-1.74758	14.7363	4.86404	0.293397	1
cg02685436	PATE1	0.00233919	0.0392779	0.680114	-1.45346	0.091767	1.33787	1.33787	0.000413256	0.415285	-2.40798	0.350442	0.860114	-1.16264	0.0049111	0.574221	1.74149	0.0812727	0.738583	-1.35394	0.00459769	1.80657	1.80657	0.33522	1.16861	1.16861	0.206431	0.811439	-1.23238	0.241024	3.58607	0.346095	1
cg05391338	PATE1	0.0410923	0.239667	1.57819	1.57819	0.0524699	0.441674	-2.26411	0.0471381	0.430917	-2.32063	0.310314	1.47557	1.47557	0.0113352	0.308827	-1.23806	0.0349684	0.402275	-2.48586	0.854766	1.07026	1.07026	2.8684	1.53295	1.53295	0.99188	0.996236	-1.00378	5.6467	7.93171	1.93336	1
cg19345602	PATE1	0.0452975	0.0316662	0.178208	-5.60886	0.0155662	0.189866	-5.26692	0.0578351	0.308835	-3.3239	0.262058	0.934965	-1.92509	0.032791	0.240919	-4.04971	0.0234269	0.219484	-4.55613	0.0244532	0.22282	-4.48793	0.1553308	0.4270708	-2.34353	0.153938	0.423313	-2.36232	5.51858	17.4797	4.41585	1
cg01233744	PATE2	0.00199434	0.317778	1.22761	1.22761	0.0146615	0.550615	-1.81615	0.00971254	0.522242	-1.91482	0.184851	1.32217	1.32217	0.00249845	0.434221	-2.30298	0.0013543	0.396015	-2.51943	0.00055307	0.545186	-2.89699	0.937271	0.984491	-1.01575	0.701534	1.07947	0.764986	6.02723	0.555193	1
cg11457171	PATE2	0.00203507	0.841364	1.04868	1.04868	0.0863611	1.56642	1.56642	0.101243	0.466527	-2.15259	0.866615	0.960962	-1.04062	0.00103178	0.315078	-3.17382	0.0003857	0.261429	-3.82513	0.0978817	0.650416	-1.53748	0.31066	1.28209	1.28209	0.0559727	1.67004	1.67004	0.59317	8.52555	0.789965	1
cg07747336	PATE2	0.004665	0.0547452	0.410602	-2.43545	0.088016	0.256042	3.9056	0.0663744	0.431192	-2.31915	0.00484564	0.217325	-4.6014	0.000319752	0.09942012	-10.0583	0.00157391	0.156494	-6.39	0.0979225	0.476277	-2.09962	0.16247	0.543762	-1.83904	0.0305033	0.353914	-2.82554	7.49529	19.814	2.3498	1
cg24859617	PATE3	0.000841226	0.181546	0.659299	-1.51676	0.0240834	0.157961	-1.8586	0.000501671	0.232443	-4.71336	0.87001	1.04928	1.04928	3.47E-05	0.0952658	-10.4969	0.4602188	1.04715	1.04715	0.0524933	0.523922	-1.90868	0.0788571	1.77391	1.77391	0.69261	1.123379	1.123379	12.356	16.8834	1.21459	1
cg06667153	PATE3	0.0022357	0.138615	1.23073	2.21073	0.596039	1.62838	1.06628	0.00158455	0.580464	-1.72276	0.00363774	0.60304	1.66304	0.00520391	0.654265	-1.55626	0.0042194	1.58345	1.58345	0.114789	1.22839	1.22839	0.163429	1.19531	1.19531	0.951337	0.992706	-1.00735	9.3332	2.12666	-0.202542	1
cg27129320	PATE3	0.00266999	0.406618	0.875123	-1.1427	0.451107	0.886352	-1.12822	0.355088	0.86116	-1.16122	0.0181235	0.637051	-1.56973	9.57E-05	0.335837	-2.97764	0.209127	0.812194	-1.23123	0.0206749	1.54931	1.54931	0.0467129	0.6992	-1.43021	0.0171771	0.633365	-1.57816	8.85858	3.46375	0.34756	1
cg24746315	PATE3	0.00358644	0.0165442	0.374519	-2.67	0.0121	0.0615	-2.7	0.0121	0.0615	-2.7	0.0121	0.0615	-1.58447	0.0012918	0.194319	-5.15107	0.0017228	0.189481	-5.27611	0.0012418	0.189482	-5.27611	0.0012418	1.11592	1.11592	0.797998	1.08984	0.103445	0.55023	-1.81742	8.11431	14.461	1.58415	1
cg09427644	PATE3	0.00408197	0.486703	0.796176	-1.256	0.0231615	0.416612	-2.40031	0.0096976	0.348057	-2.87309	0.0616158	0.232735	-4.29674	0.00035847	0.149468	6.69038	0.72198	1.12213	1.12213	0.69685	1.13459	1.13459	0.275829	0.9311372	-1.07368	0.0503968	0.487105	-2.05295	7.8046	12.8577	1.46441	1
cg02370328	PATE3	0.0238455	0.669703	1.17469	1.17469	0.044179	2.9269	2.1809	0.00502021	0.248514	-4.02915	0.441655	1.36573	1.36573	0.0156617	0.512603	-3.31984	0.5445141	0.794435	-1.25876	0.843037	0.937267	-1.06693	0.0954884	1.98808	1.98808	0.4958931	1.2962	1.2962	4.42029	9.87641	1.98204	1
cg00752275	PATE3;PATE3	0.0471995	0.0179925	0.08296555	-12.0532	0.48969	0.544582	-1.83627	0.0684882	0.170966	-5.84911	0.567699	0.606394	-1.64909	0.00817587	0.293374	-18.7486	0.0480458	0.141264	-7.07892	0.0140893	0.0724812	-13.7967	0.271067	0.3707702	-2.69759	0.0688912	0.171508	-5.83063	3.46288	41.1358	10.5592	1
cg22339515	PATE4	0.000106913	0.999021	1.00019	1.00019	0.000106241	2.94882	2.9482	0.000101502	0.337191	-2.96568	0.3134133	0.848242	-1.17891	0.000350769	0.363724	-2.74934	0.000745978	0.487583	-2.24324	0.512893	0.90054	-1.11045	0.0850415	1.35068	1.35068	0.0797431	1.36031	1.36031	1.2148	8.58385	0.350841	1
cg02067919	PATE4	0.00249612	0.634689	0.950792	-1.05176	0.2174007	0.872151	-1.14659	0.00116444	0.490723	-2.03781	0.000203188	0.518543	-1.92846	0.000270021	0.600116444	-1.66523	0.0003089	0.687274	-1.45502	0.000361077	1.82766	1.82766	0.033729	0.769054	-1.29878	0.7898464	1.02856	1.02856	17.2409	1.556469	1.02856	1
cg27618216	PATE4	0.01545577	0.0395582	0.326831	-3.05969	0.0178245	0.258444	-3.86931	0.0119151	0.228945	-4.36787	0.241971	1.84632	1.84632	0.005311667	0.178054	-5.61628	0.7928471	0.883698	-1.13161	0.0194681	0.26532	-3.76904	0.262113	1.73206	1.73206	0.642603	0.802888	-1.2455	5.12939	17.928	3.1068	1
cg02978150	PATE4	0.0162982	0.883568	1.03033	1.03033	0.205686	0.795436	-1.40057	0.188001	0.713612	-1.328	0.824847	0.953812	-1.04623	0.001205131	0.380284	-2.62972	0.949901	1.01289	1.01289	0.00778359	2.00716	2.00716	0.625425	1.10552	1.10552	0.751792	0.937352	-1.06684	5.04212	3.31867	0.58529	1
cg05407637	PATE5	0.00218327	0.698347	1.09196	-1.09196	0.247409	0.0251054	1.56358	0.061227	0.214167	-2.16357	0.16135	1.27066	1.27066	0.00161848	0.449723	-2.05788	0.0342759	0.671785	-1.48857	0.0348973	1.27066	1.27066	0.0144	1.22314	1.22314	0.398625	1.25	1.25	3.80203	0.552729	1	
cg15844711	PATE1	0.00409637	0.0921018	0.663381	-1.50743	0.153429	0.712286	-1.40393	0.390675	1.21492	1.21492	0.0593509	0.624289	-1.60182	0.358152	0.811271	-1.23263	0.562006	0.878296	-1.13857	8.16E-05	0.207584	-4.81733	0.00540948	0.4447074	-2.24867	0.353089	0.809375	-1.23552	7.79631	6.04918	0.689715	1
cg03180191	PATE1	0.0349169	0.578346	1.26858	1.26858	0.166999	0.736776	-1.35577	0.0015078	0.650298	-1.53352	0.83038	0.974774	-1.02605	0.424665	0.709247	-1.40962	0.429179	1.10004	1.10004	0.942021	1.0085	1.0085	0.907315	1.12381	1.12381	0.0052521	1.52345	1.52345	1.87046	0.855626	0.196503	1
cg24799947	PATE1	0.00127207	0.00237838	0.277752	-3.60033	0.28779	1.3918	1.39618	0.0150058	0.550163	-1.95843	0.0128097	0.392632	-2.54691	0.002282721	0.275386	-3.63127	0.000254521	0.161647	-6.18632	0.000389096	0.180796	-5.53549	0.0419023	0.492107	-2.03208	0.107872	15.9126	1.28737	1	
cg18454299	PATE1	0.003165	0.0175196	0.356856	-1.77922	0.170151	0.575494	-1.73818	0.0545531	0.329883	-3.03013	0.00377205	0.227976	-4.38644	0.001288642	0.169529	-5.46969	0.0025	0.0875	-11.4286	0.0012	0.0875	-11.4286	0.0012	0.6989	0.6989	0.0010451	0.688589	-1.46287	0.004273769	0.225567	-4.43259	0.0104564	1
cg01647795	PATE2	0.0058468	0.437228	1.34209	1.34209	0.200144	0.605038	-1.65279	0.0498437	0.435816	-2.29455	0.0594729	0.453935	-2.20296	0.000354914	0.118932	8.40816	0.969866	1.01412	1.01412	0.0048621	0.250018	-3.99972	0.0343324	0.399896	-2.50065	0.00955862	0.295705	-3.38175	6.99474	15.2703	1.94054	1
cg05129597	PATE2	0.0219185	0.077658	0.525265	-1.9038	0.655802	0.863047	-1.15869	0.00731722	0.321316	-3.1122	0.0287109	0.428643	-2.33294	0.0180471	0.389433	-2.56783	0.6611365	0.500176	-1.9993	0.201053	0.641892	-1.5579	0.00318891	0.266588	-3.75111	0.0279366	0.426244	-2.34607	0.557924	7.7841	1.51749	1
cg02341571	PATE2	0.00249669	0.0471459	0.339183	-2.94787	0.0328128	0.553026	-1.80823	0.0157009	0.388355	-2.57485	0.0228	0.432328	0.00159103	0.242368	-4.12766	0.00718515	0.0038507	0.168511	-5.93524	0.0011884	0.245653	-4.07576	0.0122867	0.2270051	-4.4043	0.1790799	0.503943	-1.98455	4.51914	16.3104	3.24573	1
cg09189428	PATE1;PATE1;PATE2;PATE2	0.00187247	0.0426104	1.22898	1.22898	0.252241	1.11142	1.11142	0.0166518	1.29463	1.29463	0.891484	1.01213	1.01213	0.0412812	1.23112	1.23112	0.586647	0.952667	-1.04968	0.000379274	0.605622	-1.6512	0.000904905	1.55036	1.55036	0.458663	1.06892	1.06892	9.82852	1.23436	0.109826	1
cg12933790	PATE2;PATE2	0.00438922	1.000	1.000	1.000	0.574021	1.01555	1.01555	1.22121	0.0504801	1.43818	0.43818	0.893513	1.12	0.23701	0.2370	0.00085382	0.113442	0.528675	1.89152	0.153753	1.2000	0.22701	0.62425	1.10552	1.10552	0.751792	0.937352	-1.06684	5.04212	3.31867	0.58529	1
cg13003054	PATE2;PATE2;PATE2;PATE2	0.00844872	0.0085994	0.681282	-1.46782	0.930664	1.00959	1.00959	0.253606	1.14128	1.14128	0.801483	0.976234	1.02814	0.065303	0.792958	1.2615	0.019249	1.37906	0.1002656	0.0223702	2.623544	-1.60374	0.0739326	1.800069	-1.24989	0.854293	1.66392	0.146192	1	
cg13639835	PATE2;PATE1;PATE2;PATE2	0.0209	0.0013873	0.634209	-1.57677	0.83554	0.979783	-1.02063	0.958304	0.994876	-1.00515	0.451913	0.92214	-1.08443	0.217082	1.1361	1.1361	0.15926	1.15928	1.15928	0.174516	0.867703	-1.15247	0.0744751	1.21561	1.21561	0.107073	1.18867	1.18867	6.63457	0.709575	0.135901	1
cg08064867	PATE5	0.7E-05	0.846173	1.07513	1.07513	0.262961	0.174729	-1.41479	0.145479	0.603455	1.65453	0.23753	0.211559	0.64041	0.0001	0.32387	3.0803	0.301306	1.14896	1.14896	0.0001	0.32387	-1.08737	2.84E-07	7.10278	0.709394	0.95262	-1.04974	55.004	9.3443	2.23668	1	
cg01188936	PWAR5	6.93E-05	0.000431607	0.6341	-1.57704	0.0091699	0.31131	1.31131	0.0605882	1.34079	2.13499	0.0193924	0.793516	-1.26021	0.591044	1.04538	1.04538	0.0206544	0.796107	-1.25611	0.0320394	0.814239	-1.22814	5.18E-06	2.33273	2.33273	0.0969877	1.16084	14.4024	2.58787	0.0942353	1
cg22220502	PWAR5	0.00245	0.0034625	0.31586	-3.16625	0.0170515	0.0754495	1.32497	0.0133	0.0615	-2.7	0.0121	0.0615	-1.58463	0.0013565	0.194319	-5.15107	0.0019158	0.189481	-5.27611	0.0012418	0.189482	-5.27611	0.0012418	1.75567	1.75567	0.0010703	1.67004	1.67004	0.59317	8.52555	0.789965	1
cg22888311	PWAR5	0.00090273	0.284678	0.679229	-1.47226	0.08855481	0.31113	-3.21409	0.000691605	0.164899	-6.0643	0.00623173	0.289113	-3.45885	0.002938358	0.241311	4.14402	0.0200672	0.376683	-2.65476	4.79E-05	0.0696735	-14.3527	0.00298548	0.242261	-4.12777	0.0719568	0.497026	-2.01197	12.1141	23.2412	1.70536	1
cg13069815	PWAR5	0.0051143	0.0755123	0.670215	-1.49206	0.0778698	1.99573	1.99573	0.09247	0.687642	-1.45425	0.10786	0.695232	-1.43837	0.259143	0.788129	-1.26883	0.146944	0.729927	-1.37	0.0009434	0.368297	-2.7152	0.307199	1.23836	1.23836	0.0319327	1.65	1.65	7.2881	4.7213	0.57583	1
cg11118778	PWAR5	0.00896728	0.194054	0.581221	-1.72078	0.178511	0.649077	1.47237	0.17237	0.321803	-3.10983	0.0255118	0.148695	0.94632	0.0146151	0.414184	-2.42817	0.0704423	0.654422	-1.52814	0.0298748	0.685709	-1.45875	0.1102332	0.4099151	-2.43984	0.1241001	0.611944	14.643	2.127	1	
cg00472745	PWR	0.0162952	0.307203	1.36246	1.36246	0.123821	0.612189	-1.63348	0.47144	1.23904	1.23904	0.674806	1.13141	1.13141	0.0687681	0.551011	1.81484	0.512663	0.823427	-1.21444	0.00035865	0.187237	-5.34082	0.349325	0.75435	-1.32565	0.5179	0.825467	-1.21144	5.04022	6.83414	1.20526	1
cg05844247	PWR	2.34E-08	0.645316	1.20438	1.20438	0.0664751	1.44958	1.44958	0.115125	0.663158	-1.50794	0.191953	0.881508	1.13442	0.0243131	0.88032	1.09091	0.754906	1.12641	1.12641	0.0139172	0.913229	1.1209	1.94E-10	1.22685	1.22685	0.148254	0.88314	0.88314	0.69758	0.830881	0.190211	1
cg07684169	PWR	3.06E-06	0.0127293	1.28974	1.28974	0.126123	1.29038	1.29038	0.0119479	1.29409	1.29409	0.0717653	0.84769	-1.17968	0.003784663	0.656175	-1.52398	0.420704	1.06095	1.06095	0.157179	1.13241	1.13241	3.52E-08	1.06901	5.06901	0.0262752	1.24074	1.24074	55.058	5.89129	0.0951118	1
cg19054524	PWR	1.49E-05	0.0706913	1.42551	1.42551	0.000345412	2.74773	2.74773	3.29E-05	4.11864	4.11864	0.00756641	1.82776	1.82776	0.000821444	0.412774	-2.42263	0.609213	0.913473	-1.09472	0.940371	1.01322	1.01322	7.51E-07	10.3909	10.3909	0.00583124	1.88459	1.88459	36.552	17.8371	0.43377	1
cg01783070	PWR	2.14E-05	0.0445324	1.20438	1.20438	0.0664751	1.44958	1.44958	0.115125	0.663158	-1.50794	0.191953	0.881508	1.13442	0.0243131	0.88032	1.09091	0.754906	1.12641	1.12641	0.0139172	0.913229	1.1209	1.94E-10	1.22685	1.22685	0.148254	0.88314	0.88314	0.69758	0.830881	0.190211	1
cg01629004	PWR	4.83E-05	0.0349221	0.577692	-1.73103	0.0010006	0.336002	-2.97618	0.0115898	0.494238	-2.02295	0.0392784	0.587199	-1.703	0.005058844	0.28745	2.28745	0.007761	0.466178	-2.1451	0.00274553	0.264419	-3.78188	6.65E-06	9.34809	9.34809	0.0773948	0.64517	-1.54998	26.8725	21.2081	0.701522	1
cg00432507	PWR	0.00573573	0.0196617	0.3446	-2.90156	0.0127	0.0615	-2.7	0.0121	0.0615	-2.7	0.0121	0.0615	-1.58463	0.0012918	0.194319	-5.15107	0.0019158	0.189481	-5.27611	0.0012418	0.189482	-5.27611	0.0012418	1.55597	1.55597	0.0010005	1.64587	1.64587	0.59009	8.51105	0.788529	1
cg17620199	PWR	0.00076231	0.182042	1.37056	1.37056	0.000251858	3.81326	3.83126	0.908831	0.974828	-1.02582	0.00129393	2.83832	2.83832	0.0113172	0.5044	1.98255	0.0676492	1.57709	1.57709	0.00408065	0.424112	-2.35787	0.0116581	2.01687	2.01687	0.170164	0.722442	-1.38419	12.7033	9.96415	0.697222	1
cg01446894	PWR	0.00181306	0.0022569	3.1497	3.1497	0.6616332	1.19349	1.12549	0.0178	0.3884	2.32894	2.32505	0.714553	-1.39824	0.0010298	0.279419	-3.58786	0.357141	1.28946	1.28946	0.0001	0.32387	1.28454	0.0001	2.24016	2.24016	0.930958	1.31283	1.31283	1.24016	0.940209	0.11228	0.1449	1
cg03003054	PWR;PWR	0.00244872	0.0085994	0.681282	-1.46782	0.930664	1.00959	1.00959	0.253606	1.14128	1.14128	0.801483	0.976234	1.02814	0.065303	0.792958	1.2615	0.019249	1.37906	0.1002656	0.0223702	2.623544	-1.60374	0.0739326	1.800069	-1.24989	0.854293	1.66392	0.146192	1	
cg16369835	PWR;PWR	0.0209	0.0013873	0.634209	-1.57677	0.83554	0.979783	-1.02063	0.958304	0.994876	-1.00515	0.451913	0.92214	-1.08443	0.217082	1.1361	1.1361	0.15926	1.15928	1.15928	0.174516	0.867703	-1.15247	0.0744751	1.21561	1.21561	0.107073	1.18867	1.18867	6.63457	0.709575	0.135901	1
cg26463200	PWR	0.00244137	0.0168925	2.37301	2.37301	0.000843222	4.43067	4.43067	0.249028	0.699595	-1.4294	0.15545	0.637174	-1.56943	0.0193456	0.432293	-2.31325	0.284569	1.39042	1.39042	0.0768889	0.558039	-1.79199	0.0956018	1.72086	1.72086	0.003751095	0.313421	-3.1906	9.09531	12.6647	1.23773	1
cg07530278	PWR	0.00253496	0.0161063	0.650604	-1.53702	0.0629161	0.176436	-1.35728	0.0135904	0.386065	-2.59	0.0121	0.0615	-1.58463	0.0012918	0.194319	-5.15107	0.0019158	0.189481	-5.27611	0.0012418	0.189482	-5.27611	0.0012418	0.6272554	0.931045	1.07406	0.0023732	0.539152	-1.85476	0.0007994242	1.09417	-1.09417	0.0010695	0.300106	1
cg07213060	PWR	0.00281837	0.280316	1.2675	1.2675	0.105772	0.45239	1.45239	0.09385	0.999577	-1.00243	0.567181	0.884999	-1.12995	0.458593	0.852645	-1.17282	0.608868	1.89672	-1.11518	0.0547454	0.633151	-1.58443	4.84E-05	5.0266	5.0266	0.92796	1.01928	1.01928	8.71808	6.16041	0.62811	1
cg00405987	PWR	0.00250264	5.3427	5.3427	5.3427	0.793646	1.12627	1.12627	0.126004	2.11897	2.11897	0.00669076	4.93139	4.93139	0.732797	1.16818	1.16818	0.125476	2.21555	2.21555	0.0015	0.0015	0.965799	-1.01756	0.0021525	0.196473	0.574383	1.29354	6.91792	2.52423	2.88447	1	
cg16309876	PWR	0.0126142	0.00640942	0.232295	-4.3048	0.0199165	0.945605	-1.05752	0.8853152	0.66118	1.06118	0.0316157	2.82144	2.82144	0.0499999	1.32552	1.32552	0.245083	1.64946	1.64946	0.00188779	0.163166	-6.12875	0.229405	1.68033	1.68033	0.821762	1.09732	1.09732	5.44377	24.7135	1.38498	1
cg04543233	PWR	0.0180259	0.0368932	0.495221	-2.0193	0.0562747	0.34866	-2.86812	0.0793066	0.58499	-1.75902	0.816787	0.93493	-1.0696	0.021351	0.44845	-2.2299	0.765006	1.0908	1.0908	0.0453699	0.334119	-2.99294	7	7	7	0.0484924	0.520216	-1.92228	4.96277	5.87266	1.18334	1
cg22763649	PWR	0.0185035	0.0187791	0.31446	-3.18046	0.0127	0.0615	-2.7	0.0121	0.0615	-2.7	0.0121	0.0615	-1.58463	0.0012918	0.194319	-5.15107	0.0019158	0.189481	-5.27611	0.0012418	0.189482	-5.27611	0.0012418	0.0585715	1.78478	1.78478	0.255097	1.17677	1.17677	0.00235987	7.638	0.0594458	2.77252	2.77252	54.005	13.7938	0.32407	1
cg00654901	PWR	0.0207304	0.0282869	0.273184	-3.66054	0.016891	0.232133	4.30787	0.195434	0.503432	-1.98637	0.260936	0.555705	-1.79952	0.0507176	0.327733	-3.05127	0.0143516	0.352889	-2.83375	0.00155468	0.102334	-9.77189	0.368184	1.58911	1.58911	0.0706646	0.363415	-2.75167	4.64747	18.4824	3.53501	1
cg08156056	PWR	0.0207304	0.1273139	0.709422	-1.41958	0.115125	0.5663158	-1.50794	0.191953	0.87808	1.1926	0.0889043	0.637703	-1.56813	0.576592	0.873407	-1.14482	0.225956	0.742476	-1.34685	0.0292102	0.475173	-2.60644	0.0115857	2.0316	2.0316	0.507068	1.13645	1.13645	4.40372	0.68929	1	
cg02155658	PWR	0.0340135	0.122398	0.417565	-2.39484	0.0421271	0.294798	-3.39216	0.917058	0.947108	-1.05585	0.805783	1.13713	1.13713	0.0173545	0.353232	2.831	0.421772	0.651743	-1.53435	0.0217874	0.237798	-4.20526	0.0102033	0.541787	0.541787	0.201606	0.494867	-2.02074	0.307728	16.8407	3.83118	1
cg01122389	PWR	0.0351859	0.926516	1.02448	1.02448	0.909804	1.03016	1.03016	0.193341	1.43466	1.43466	0.871664	0.958493	-1.0433	0.414119	0.803394	-1.24472	0.194483	0.697746	-1.43319	0.122884	0.645215	-1.54987	0.00154505	3.30041	3.30041	0.182316	1.44941	1.44941	1.85972	4.20311	0.96797	1
cg10078645	PAX1;PAX1	0.0198428	0.7393236	1.08187	1.08187	0.262961	1.14759	1.14759	0.0178	0.3884	2.32894	2.32505	0.714553	-1.39824	0.0010298	0.279419	-3.58786	0.357141	1.28946	1.28946	0.0001	0.32387	1.28454	0.0001	2.24016	2.24016	0.930958	1.31283	1.31283	1.24016	0.940209	0.11228	0.1449	1
cg06921011	PAX2;PAX2;PAX2;PAX2	1.27E-06	0.313099	1.24111	1.24111	0.035464	1.31593	1.31593	0.206736	1.16104	1.16104	0.865081	1.01925	1.01925	0.09305	0.812872	-1.23021	0.0878023	1.23525	1.23525	0.24737	0.873178	-1.14524	9.10E-09	1.85572	13.8572	0.0167871	1.38713	68.9767	13.735	0.177	1
cg25739702	PAX2;PAX2;PAX2;PAX2	1.46E-05	1.35E-05	4.39E-05	4.39E-05	0.0001	1.14114	1.14114	0.0015	0.2655	-3.76	0.0121	0.0615	-1.15254	0.123161	0.70071	-1.42712	3.99E-06	0.79607	-1.25597	0.0001	0.32387	-3.08984	0.0001	2.83734	2.83734	0.0010545	0.671952	-1.48825	15.6482	7.4255	0.842437	1	
cg09222671	PAX2;PAX2;PAX2;PAX2	1.47E-05	0.827459	0.970398	-1.03051	0.21401	1.19901	1.19901	0.956195	3.84401	3.84401	4.10E-06	5.48064	5.48064	0.468939	0.903322	1.10702	0.698622	0.947823	-1.05505	0.00249459	0.543113	-1.84124	1.33E-06	5.87196	5.87196	0.931274	1.01194	1.01194	51.1365	15.0177	0.228417	1
cg19337241	PAX2;PAX2;PAX2;PAX2	4.12E-05	0.347089	1.14514	1.14514	0.00225825	2.46689	2.34363	2.14E-05	0.302044	-3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14585700	PAX5	0.000451865	0.0382221	0.83112	-1.2032	0.0146104	0.793274	-1.2606	0.187711	0.898058	-1.11351	0.309959	0.922273	-1.08428	0.00245746	0.722939	-1.38324	0.0206878	1.23932	1.23932	1.20E-05	0.490217	-2.03991	0.34871	1.07713	1.07713	0.364318	0.930723	-1.07443	14.6969	1.38058	0.0834995	1
cg13695362	PAX5	0.00440354	0.0708363	0.752854	-1.32828	0.0044096	1.70669	1.70669	0.0138204	0.651854	-1.53409	0.0777082	0.758999	-1.31753	0.935767	0.988728	-1.0114	0.26965	0.850721	-1.17547	0.00329943	1.75586	1.75586	0.499852	1.10112	1.10112	0.0140509	1.5318	1.5318	7.62767	2.3896	0.278471	1
cg13675835	PAX5	0.00551389	0.00375947	0.352399	-2.83769	0.00662542	0.390706	-2.55947	0.00282789	0.334038	-2.99367	0.0048057	0.368702	-2.71222	0.168876	1.47831	1.47831	0.163012	0.672285	-1.48746	0.00667517	0.391229	-2.55605	0.463828	0.819691	-1.21997	0.0647869	0.57518	-1.73859	7.12204	8.02076	1.00106	1
cg13727626	PAX5	0.00578408	0.322236	0.741186	-1.34919	0.926416	1.02743	1.02743	0.000357685	0.186789	-5.35362	0.0380159	0.494358	-2.02283	0.00604966	0.349886	-2.85807	0.98097	1.00701	1.00701	0.0022796	0.286572	-3.48952	0.10027	0.590137	-1.69452	0.289226	0.724541	-1.38018	7.01802	9.53536	1.20773	1
cg14383078	PAX5	0.019165	0.303927	1.40052	1.40052	0.541914	1.2157	1.2157	0.0314526	0.450112	-2.22167	0.254297	0.686204	-1.45729	0.100295	1.76755	1.76755	0.00782721	0.339656	-2.94415	0.00560034	0.316397	-3.16058	0.792617	1.08693	1.08693	0.106187	0.572249	-1.74749	4.77309	7.56571	1.40896	1
cg13701768	PAX5	0.0201463	0.373781	0.734397	-1.36166	0.527719	0.805462	-1.24152	0.00442548	0.276842	-3.61217	0.118076	0.563378	-1.77501	0.00419058	0.273342	-3.65842	0.778587	0.909093	-1.1	0.00292715	0.251059	-3.98312	0.193501	0.62799	-1.59238	0.264179	0.674673	-1.4822	4.69292	8.49759	1.60953	1
cg14099718	PAX5	0.0274189	0.0521383	0.4755	-2.10305	0.00804217	3.1349	3.1349	0.0575432	2.06013	2.06013	0.942912	0.976188	-1.02439	0.123367	0.57026	-1.75359	0.357577	1.37491	1.37491	0.0211656	2.54134	2.54134	0.327969	1.40466	1.40466	0.180246	1.61424	1.61424	4.2188	7.56656	1.59425	1
cg11283700	PAX5	0.0316762	0.763921	1.10038	1.10038	0.580302	0.837466	-1.19408	0.000528613	5.55367	5.55367	0.881435	0.953707	-1.04854	0.970399	0.988285	-1.01185	0.688393	0.879826	-1.13659	0.340242	0.731877	-1.36635	0.874813	0.951161	-1.05135	0.619949	0.853193	-1.17207	4.00843	6.40317	1.41993	1
cg02034102	PAX5	0.0464918	0.232808	1.27879	1.27879	0.00535709	2.05623	2.05623	0.0496571	1.55293	1.55293	0.591677	1.1123	1.1123	0.110658	1.40727	1.40727	0.895322	0.974458	-1.02621	0.0808499	0.683521	-1.46301	0.0634183	1.50722	1.50722	0.283595	1.24479	1.24479	3.48264	2.13083	0.54386	1
cg18400845	PAX6	6.03E-06	0.506823	0.832735	-1.20086	0.0324821	0.506451	-1.97452	2.00E-06	24.3064	24.3064	1.63E-06	26.4828	26.4828	0.488178	0.825798	-1.21095	0.512236	1.19799	1.19799	0.195305	0.689171	-1.45102	4.50E-06	17.571	17.571	0.0969641	1.64071	1.64071	46.2383	54.0928	1.03988	1
cg13694576	PAX6	6.16E-06	0.217884	0.779106	-1.28352	0.0324139	0.617367	-1.61978	2.29E-06	9.2075	9.2075	2.14E-06	9.39506	9.39506	0.199865	0.770438	-1.29796	0.24099	1.26665	1.26665	0.122164	0.724255	-1.38073	4.40E-06	7.66792	7.66792	0.936471	1.01547	1.01547	45.9973	27.0147	0.522054	1
cg05490712	PAX6	3.33E-05	0.0738217	0.81251	-1.23075	0.0080351	1.42452	1.42452	3.56E-07	4.62089	4.62089	0.668123	1.04596	1.04596	0.772238	1.0307	1.0307	0.119693	0.838691	-1.19233	0.0746156	1.2299	1.2299	0.965395	1.00453	1.00453	0.011243	1.39223	1.39223	29.6328	5.09501	0.152834	1
cg09252999	PAX6	5.25E-05	0.00386577	0.271122	-3.68837	0.170933	1.63059	1.63059	9.27E-06	24.8345	24.8345	7.46E-05	11.1597	11.1597	0.0728566	0.511181	-1.95625	0.547898	1.2262	1.2262	0.0805138	0.521997	-1.91572	8.96E-05	10.4943	10.4943	0.993331	1.00281	1.00281	26.2812	46.8126	1.58331	1
cg25603277	PAX6	0.000133642	0.616048	0.857665	-1.16596	0.14088	1.61766	1.61766	2.71E-05	12.3672	12.3672	8.64E-05	8.4964	8.4964	0.89872	0.962068	-1.03943	0.484911	1.24052	1.24052	0.510089	0.816352	-1.22496	2.56E-05	12.622	12.622	0.161317	1.57504	1.57504	20.4839	29.9194	1.29834	1
cg23933618	PAX6	0.00308477	0.0108902	0.208529	-4.79549	0.417534	1.50126	1.50126	0.00101414	10.9236	10.9236	0.0270991	3.60785	3.60785	0.0382397	0.307956	-3.24722	0.768529	0.865255	-1.15573	0.0220979	0.260301	-3.84171	0.0183335	4.07058	4.07058	0.231071	0.540052	-1.85167	8.48758	32.3304	3.3859	1
cg00060304	PAX6	0.00709369	0.0558026	0.366698	-2.72704	0.0999963	2.30356	2.30356	0.000846507	10.2044	10.2044	0.142707	2.07388	2.07388	0.0771574	0.402603	-2.48384	0.631078	0.79931	-1.25108	0.090194	0.42125	-2.37389	0.0321575	3.19576	3.19576	0.280988	0.595239	-1.68	6.58774	22.3641	3.0176	1
cg11333459	PAX6	0.0168594	0.0390352	5.80729	5.80729	0.00322951	19.2731	19.2731	0.0102117	10.857	10.857	0.218325	2.5948	2.5948	0.0148788	9.0775	9.0775	0.0541799	4.99868	4.99868	0.0168747	8.55622	8.55622	0.0169771	8.53199	8.53199	0.981573	1.01715	1.01715	4.9833	42.7988	7.63418	1
cg08391415	PAX6	0.0223627	0.0407821	7.5978	7.5978	0.0436498	7.32734	7.32734	0.160134	3.62775	3.62775	0.140855	3.89654	3.89654	0.0231954	10.2819	10.2819	0.067987	5.78445	5.78445	0.00161477	48.5099	48.5099	0.00883626	17.4996	17.4996	0.16458	3.57241	3.57241	4.52844	52.8811	10.3801	1
cg06312283	PAX6	0.0297129	0.0915831	1.72561	1.72561	0.02022	2.27606	2.27606	0.296735	1.374	1.374	0.531765	0.830259	-1.20444	0.0820482	1.76092	1.76092	0.0610089	1.85911	1.85911	0.00655671	2.821	2.821	0.0674395	1.82537	1.82537	0.116195	0.605689	-1.65101	4.10081	5.60176	1.21423	1
cg21764190	PAX6	0.0346823	0.0417486	28.1383	28.1383	0.0473061	25.1984	25.1984	0.127644	10.4031	10.4031	0.100067	12.9622	12.9622	0.02427	45.5267	45.5267	0.0700363	17.814	17.814	0.00573412	172.3	172.3	0.00806567	124.573	124.573	0.259111	5.33337	5.33337	3.87991	124.226	28.4603	1
cg02679809	PAX6	0.0412036	0.0276012	54.7449	54.7449	0.0581099	26.869	26.869	0.123312	13.0022	13.0022	0.0765687	20.6348	20.6348	0.0218301	68.6438	68.6438	0.0392942	39.032	39.032	0.00566206	264.559	264.559	0.0435864	35.354	35.354	0.145353	11.0529	11.0529	3.64306	136.235	33.2408	1
cg13028700	PAX6	0.0458217	0.236886	2.15495	2.15495	0.00551812	9.58122	9.58122	0.0595537	3.73379	3.73379	0.826928	1.14529	1.14529	0.213729	2.25042	2.25042	0.197622	2.325	2.325	0.0212613	5.55865	5.55865	0.0457941	4.13098	4.13098	0.266102	0.487769	-2.05015	3.50169	21.2869	5.40359	1
cg11162118	PAX6	0.0478136	0.775191	0.764864	-1.30742	0.00243588	51.9153	51.9153	0.0194214	14.0906	14.0906	0.808318	1.2555	1.2555	0.816183	0.804136	-1.24357	0.302535	2.71788	2.71788	0.985407	0.983024	-1.01727	0.346657	2.47746	2.47746	0.259994	0.332884	-3.00405	3.44603	47.8313	12.3379	1
cg09656389	PAX6	0.0481053	0.0286894	17.351	17.351	0.0575491	10.7499	10.7499	0.119461	6.47718	6.47718	0.147531	5.57541	5.57541	0.040405	13.7053	13.7053	0.152132	5.45392	5.45392	0.00580019	54.382	54.382	0.0412149	13.5197	13.5197	0.0369376	14.5773	14.5773	3.43812	66.5801	17.2136	1
cg13023210	PAX6;PAX6;PAX6	0.00536051	0.0778655	3.22317	3.22317	0.0120253	6.49455	6.49455	0.0236025	5.02544	5.02544	0.196957	2.25868	2.25868	0.566818	1.41312	1.41312	0.146164	2.53911	2.53911	0.000265136	35.7954	35.7954	0.00140204	15.857	15.857	0.160589	2.44799	2.44799	7.18395	40.5929	5.02267	1
cg18082638	PAX6;PAX6;PAX6	0.00569281	0.0420955	4.98095	4.98095	0.000981678	28.7858	28.7858	0.0983477	3.46562	3.46562	0.154162	2.84583	2.84583	0.0219082	6.58835	6.58835	0.0511137	4.58588	4.58588	0.000582956	38.3146	38.3146	0.00621771	11.5363	11.5363	0.089361	3.61189	3.61189	7.05247	52.5021	6.61733	1
cg10177238	PAX6;PAX6;PAX6	0.00729094	0.249895	1.17027	1.17027	0.725182	1.04723	1.04723	0.0436822	1.35423	1.35423	0.44936	0.904111	-1.10606	0.0847276	0.779341	-1.28314	0.13372	1.23553	1.23553	0.000175022	2.2991	2.2991	0.812761	0.969448	-1.03151	0.712028	1.04968	1.04968	6.53154	1.76882	0.240721	1
cg16822387	PAX6;PAX6;PAX6	0.0170563	0.030756	0.811953	-1.2316	0.641886	1.0392	1.0392	0.198013	0.894311	-1.11818	0.320259	0.919137	-1.08798	0.143829	0.87903	-1.13762	0.0105241	0.767763	-1.30248	0.00165392	0.690952	-1.44728	0.552266	0.951831	-1.05061	0.0926095	1.1641	1.1641	4.96399	0.529943	0.0948956	1
cg02468250	PAX6;PAX6;PAX6	0.0208002	0.0267499	7.00011	7.00011	0.00602507	14.3024	14.3024	0.038668	5.90354	5.90354	0.196193	2.75477	2.75477	0.0201616	7.98646	7.98646	0.0409635	5.74873	5.74873	0.00236666	23.187	23.187	0.214063	2.63779	2.63779	0.299124	2.2209	2.2209	4.64215	40.4184	7.7394	1
cg18372607	PAX6;PAX6;PAX6	0.0237898	0.151692	2.72272	2.72272	0.00163839	18.9338	18.9338	0.0466062	4.41936	4.41936	0.861012	1.12107	1.12107	0.0714298	3.71691	3.71691	0.158489	2.67255	2.67255	0.00709301	9.66564	9.66564	0.0400802	4.69781	4.69781	0.76987	1.21082	1.21082	4.43287	29.8564	5.98688	1
cg04521333	PAX6;PAX6;PAX6	0.0262246	0.0836866	1.80347	1.80347	0.0154152	2.53824	2.53824	0.185588	1.53646	1.53646	0.902705	1.03778	1.03778	0.0184936	2.44345	2.44345	0.00547632	3.18374	3.18374	0.00804374	2.9201	2.9201	0.0463842	2.02753	2.02753	0.836236	0.939155	-1.06479	4.73693	6.75249	1.10872	1
cg18988498	PAX6;PAX6;PAX6	0.0266839	0.314197	1.44678	1.44678	0.00319464	4.17217	4.17217	0.0642329	2.09148	2.09148	0.853503	0.936513	-1.06779	0.125762	1.80019	1.80019	0.0401308	2.31999	2.31999	0.00776522	3.36379	3.36379	0.0262495	2.54845	2.54845	0.955166	1.02015	1.02015	4.25921	8.49389	1.77266	1
cg04598774	PAX6;PAX6;PAX6	0.0290657	0.0758486	3.09918	3.09918	0.0275433	4.4461	4.4461	0.0823341	3.00948	3.00948	0.261762	1.95417	1.95417	0.02377	4.68752	4.68752	0.0321688	4.20607	4.20607	0.00370451	9.44117	9.44117	0.0126382	5.89951	5.89951	0.0944833	2.86425	2.86425	4.13292	21.4533	4.61407	1
cg09382096	PAX6;PAX6;PAX6	0.0303957	0.03282	5.1904	5.1904	0.00578587	10.8558	10.8558	0.108648	3.17147	3.17147	0.291866	2.05722	2.05722	0.0519459	4.29981	4.29981	0.0894821	3.43815	3.43815	0.00543552	11.163	11.163	0.022124	6.10852	6.10852	0.112978	3.12001	3.12001	4.06784	28.0282	6.12462	1
cg22740492	PAX6;PAX6;PAX6	0.0309319	0.110657	2.44227	2.44227	0.00750662	5.85692	5.85692	0.0921352	2.59179	2.59179	0.438982	1.50002	1.50002	0.0398755	3.38824	3.38824	0.0593973	2.98373	2.98373	0.004914	6.78182	6.78182	0.0154458	4.60169	4.60169	0.13256	2.30187	2.30187	4.0426	16.8949	3.71485	1
cg04504066	PAX6;PAX6;PAX6	0.0314864	0.0324591	5.37006	5.37006	0.00557507	11.5206	11.5206	0.04821	4.55271	4.55271	0.215179	2.40101	2.40101	0.277053	2.13607	2.13607	0.0511671	4.44113	4.44113	0.00779922	9.90595	9.90595	0.0177638	6.92516	6.92516	0.169856	2.66872	2.66872	4.01705	28.6754	6.34526	1
cg09537620	PAX6;PAX6;PAX6	0.0329827	0.0494005	4.17685	4.17685	0.0152913	6.67474	6.67474	0.067587	3.68901	3.68901	0.403315	1.72491	1.72491	0.0250123	5.47315	5.47315	0.101882	3.13125	3.13125	0.00495135	10.721	10.721	0.0148386	6.757	6.757	0.295823	1.99582	1.99582	3.9508	25.4271	5.72083	1
cg11469061	PAX6;PAX6;PAX6	0.0333101	0.0292282	7.1149	7.1149	0.0142118	10.077	10.077	0.0683258	4.75325	4.75325	0.260309	2.45168	2.45168	0.0260306	7.5199	7.5199	0.232575	2.60156	2.60156	0.00833131	13.1374	13.1374	0.0102253	11.8558	11.8558	0.13734	3.39471	3.39471	3.9368	36.3721	8.21246	1
cg22272457	PAX6;PAX6;PAX6	0.0333124	0.497225	1.1249	1.1249	0.675074	1.07465	1.07465	0.879229	0.97437	-1.0263	0.60519	1.09313	1.09313	0.139672	1.3118	1.3118	0.378894	1.16667	1.16667	0.00144929	0.455757	-2.19415	0.744103	0.945604	-1.05753	0.0610356	1.43405	1.43405	3.9367	1.81801	0.410497	1
cg16180353	PAX6;PAX6;PAX6	0.0343624	0.275822	1.96341	1.96341	0.00122668	16.6786	16.6786	0.0213447	5.18803	5.18803	0.968464	1.02381	1.02381	0.131235	2.63735	2.63735	0.169319	2.39028	2.39028	0.0546268	3.6601	3.6601	0.135948	2.602	2.602	0.800119	1.16299	1.16299	3.89292	21.8385	4.98649	1
cg14439629	PAX6;PAX6;PAX6	0.0352636	0.0809377	3.18425	3.18425	0.00447978	9.6625	9.6625	0.0971324	2.97332	2.97332	0.390311	1.69356	1.69356	0.0434242	4.01518	4.01518	0.246142	2.06663	2.06663	0.00807378	7.61835	7.61835	0.0274186	4.76594	4.76594	0.955423	1.03402	1.03402	3.85664	21.879	5.04273	1
cg09217215	PAX6;PAX6;PAX6	0.0410594	0.0232177	0.0658744	-15.1804	0.96758	0.960076	-1.04158	0.650978	1.57862	1.57862	0.0367176	0.0877857	-11.3914	0.032068	0.0806704	-12.3961	0.0952455	0.159205	-6.28121	0.0124537	0.044273	-22.5871	0.0289879	0.0757314	-13.2046	0.0771627	0.139469	-7.17003	3.64778	58.0576	14.1474	1
cg22557091	PAX6;PAX6;PAX6	0.042034	0.0378169	6.99788	6.99788	0.011459	12.878	12.878	0.0720832	5.06178	5.06178	0.310745	2.33316	2.33316	0.0238942	8.82188	8.82188	0.131547	3.7249	3.7249	0.0302987	7.82356	7.82356	0.0126945	12.2075	12.2075	0.0638075	5.38211	5.38211	3.61624	37.3728	9.18641	1
cg03905867	PAX6;PAX6;PAX6	0.0420475	0.0380834	19.1784	19.1784	0.0244153	26.9719	26.9719	0.10559	8.77708	8.77708	0.0786968	11.0142	11.0142	0.0373719	19.4567	19.4567	0.0387705	18.9182	18.9182	0.0107885	51.1556	51.1556	0.0205567	30.8098	30.8098	0.0777344	11.1188	11.1188	3.61581	86.4423	21.2505	1
cg27011060	PAX6;PAX6;PAX6	0.0425775	0.434857	1.331	1.331	0.0155768	2.99352	2.99352	0.122103	1.83495	1.83495	0.455948	0.761537	-1.31313	0.205535	1.61893	1.61893	0.268147	1.51474	1.51474	0.00591789	3.84021	3.84021	0.026328	2.63379	2.63379	0.37534	0.72122	-1.38654	3.92355	7.78629	1.5435	1
cg07124117	PAX6;PAX6;PAX6	0.0436605	0.0881922	3.10809	3.10809	0.00515881	9.26371	9.26371	0.0878303	3.11292	3.11292	0.494084	1.51977	1.51977	0.0591735	3.61142	3.61142	0.0736633	3.32643	3.32643	0.00921858	7.33249	7.33249	0.0533555	3.75413	3.75413	0.145418	2.56585	2.56585	3.56555	20.5155	5.11451	1
cg19006378	PAX6;PAX6;PAX6	0.04474	0.016185	0.143023	-6.9919	0.0898793	0.290559	-3.44164	0.795094	0.84193	-1.18775	0.0574289	0.241537	-4.14016	0.0325551	0.191292	-5.22761	0.197788	0.406589	-2.45948	0.00645307	0.0961708	-10.3982	0.0314769	0.188655	-5.30069	0.138172	0.348071	-2.87298	3.53318	24.4568	6.15293	1
cg01665555	PAX6;PAX6;PAX6	0.0461362	0.0668748	5.29377	5.29377	0.00582979	18.706	18.706	0.0750625	4.99337	4.99337	0.169605	3.2769	3.2769	0.0490508	6.18922	6.18922	0.0564391	5.76684	5.76684	0.00854205	15.2126	15.2126	0.396813	2.02157	2.02157	0.40993	1.98104	1.98104	3.49271	36.4037	9.2647	1
cg04977858	PAX7	0.00424746	0.0262676	0.595501	-1.67926	0.650835	0.914295	-1.09374	0.00400011	0.467347	-2.13974	0.045302	0.636622	-1.57079	0.000142506	0.275307	-3.63231	0.55965	0.890469	-1.123	0.527307	0.881658	-1.13423	0.00689161	0.502637	-1.98951	0.153289	0.740291	-1.35082	7.71146	4.72314	0.544429	1
cg11394947	PAX7	0.0163909	0.453418	1.36558	1.36558	0.089149	0.465438	-2.14851	0.235466	0.602153	-1.66071	0.955557	1.023	1.023	0.000818331	0.127744	-7.82818	0.115167	2.01131	2.01131	0.0252705	0.337827	-2.9601	0.118825	0.501242	-1.99504	0.324342	0.660187	-1.51472	5.0304	13.2595	2.343	1
cg09975867	PAX7;PAX7;PAX7	6.52E-06	0.0136985	0.567449	-1.76227	0.0188018	1.69735	1.69735	0.0032847	2.10555	2.10555	0.125462	0.73475	-1.36101	0.931603	0.984171	-1.01608	0.103467	0.718205	-1.39236	0.0336907	0.630628	-1.58572	8.36E-08	26.7777	26.7777	0.874516	1.02981	1.02981	45.3127	24.7932	0.486362	1
cg14840612	PAX7;PAX7;PAX7	3.57E-05	0.000858792	0.243785	-4.10198	3.59E-05	0.105792	-9.45252	0.00558222	0.358332	-2.7907	0.0271218	2.09089	2.09089	0.00146783	0.273935	-3.6505	0.000255025	5.46704	5.46704	0.000100929	0.143229	-6.98181	0.00753333	2.63691	2.63691	0.00195455	0.290891	-3.43772	29.0936	36.6353	1.11931	1
cg07398105	PAX7;PAX7;PAX7	4.04E-05	6.66E-05	5.71531	5.71531	0.0031738	2.61451	2.61451	0.181935	0.713283	-1.40197	0.00041453	3.80369	3.80369	0.165388	0.702687	-1.42311	0.521808	0.856561	-1.16746	0.00359784	2.56014	2.56014	1.87E-06	16.8375	16.8375	0.00697114	2.29872	2.29872	28.1625	25.3658	0.800616	1
cg16405019	PAX7;PAX7;PAX7	5.29E-05	0.000599656	5.57592	5.57592	0.518391	1.23678	1.23678	0.651905	0.862955	-1.15881	0.352253	1.36438	1.36438	0.0102045	0.349496	-2.86126	0.740564	1.11388	1.11388	0.0951208	0.551442	-1.81343	9.26E-07	67.5213	67.5213	0.198117	1.55499	1.55499	26.2218	43.7491	1.48304	1
cg14826624	PAX7;PAX7;PAX7	5.45E-05	0.103943	0.770695	-1.29753	0.00141455	1.96765	1.96765	2.00E-05	0.282257	-3.54287	0.550841	1.09244	1.09244	0.86557	0.975483	-1.02513	0.992562	0.998635	-1.00137	1.84E-05	0.278391	-3.59208	0.000114824	0.371125	-2.69451	0.759703	1.04597	1.04597	26.0261	8.84653	0.302142	1
cg09670535	PAX7;PAX7;PAX7	0.000135157	0.942057	1.01816	1.01816	0.877784	0.962627	-1.03882	0.00116961	3.25245	3.25245	0.386703	1.24561	1.24561	0.453253	0.827694	-1.20818	0.448195	0.825871	-1.21084	0.0236725	0.512438	-1.95146	2.39E-06	17.0859	17.0859	0.0692959	1.65367	1.65367	20.4219	19.8153	0.862486	1
cg22341256	PAX7;PAX7;PAX7	0.000212719	0.487291	0.778923	-1.28382	0.20234	0.620937	-1.61047	0.149462	1.72833	1.72833	0.1913	1.63197	1.63197	0.390157	0.732177	-1.36579	0.225311	0.637102	-1.56961	0.00440891	0.26039	-3.8404	3.89E-06	45.0233	45.0233	0.85075	0.93549	-1.06896	18.0664	35.8602	1.76436	1
cg15685834	PAX7;PAX7;PAX7	0.000230722	0.805246	0.86293	-1.15884	0.754446	0.829243	-1.20592	0.000374505	29.8082	29.8082	0.625112	0.745375	-1.34161	0.562434	0.705054	-1.41833	3.92E-05	109.67	109.67	3.82E-05	111.479	111.479	0.503057	1.50017	1.50017	0.960734	1.02982	1.02982	17.6719	99.6709	5.01341	1
cg09329407	PAX7;PAX7;PAX7	0.000361202	0.000486152	0.227097	-4.4034	0.000517981	0.230371	-4.34083	0.00338443	0.339497	-2.94553	0.00286177	0.328751	-3.04181	0.000179817	0.17921	-5.58004	0.00263084	0.323438	-3.09178	0.000154942	0.172599	-5.79379	0.00113103	0.272866	-3.66481	0.00371428	0.345543	-2.894	15.6333	18.197	1.03466	1
cg08350288	PAX7;PAX7;PAX7	0.000369206	0.110836	0.521818	-1.91638	0.100121	0.509398	-1.9631	0.000922114	6.38017	6.38017	0.144132	0.555728	-1.79944	0.235012	0.627493	-1.59364	0.0168932	2.97776	2.97776	1.52E-05	28.6651	28.6651	0.554783	0.799577	-1.25066	0.459378	1.32585	1.32585	15.5393	34.4997	1.97348	1
cg24875000	PAX7;PAX7;PAX7	0.000493681	0.861048	1.03449	1.03449	0.36283	1.1984	1.1984	0.0688448	0.674324	-1.48297	0.0743072	0.680566	-1.46937	1.33E-05	0.171195	-5.84129	0.0648374	1.49372	1.49372	0.00507908	2.0478	2.0478	0.482695	0.871043	-1.14805	0.462289	1.15581	1.15581	14.341	8.50567	0.5272	1
cg00065215	PAX7;PAX7;PAX7	0.0005346	0.141505	0.584407	-1.71114	0.0407167	2.23163	2.23163	0.241873	0.659552	-1.51618	0.223451	0.647529	-1.54433	?	?	?	0.0154773	0.364522	-2.74332	0.2293	0.651411	-1.53513	1.94E-05	19.0002	19.0002	0.267544	1.48057	1.48057	14.3688	23.3517	1.62517	1
cg26661034	PAX7;PAX7;PAX7	0.000538638	0.00288934	0.102922	-9.71614	0.125945	2.50688	2.50688	0.493745	1.47071	1.47071	0.00266259	0.0996427	-10.0359	0.000400133	0.0438903	-22.7841	0.912657	1.06279	1.06279	0.424528	0.635928	-1.57251	0.000205475	31.5588	31.5588	0.834892	1.12282	1.12282	13.9981	68.2972	4.3369	1
cg00794881	PAX7;PAX7;PAX7	0.000601119	0.131023	0.524611	-1.90617	0.468033	0.746668	-1.33928	0.00268425	5.16347	5.16347	0.0473883	0.4076	-2.45339	0.485046	0.755247	-1.32407	0.0144296	3.29657	3.29657	2.16E-05	29.3436	29.3436	0.548223	0.786328	-1.27173	0.918488	0.960309	-1.04133	13.5768	33.6591	2.2037	1
cg21416600	PAX7;PAX7;PAX7	0.000821283	0.0184881	1.85612	1.85612	0.00802238	0.479332	-2.08624	0.464789	0.85125	-1.17474	0.00187321	0.384905	-2.59805	0.000132106	0.238001	-4.20166	0.784141	1.06124	1.06124	0.939762	0.983773	-1.0165	0.915999	1.0231	1.0231	0.000643037	0.321803	-3.10749	12.4398	9.23254	0.659714	1
cg14831539	PAX7;PAX7;PAX7	0.00111196	0.00186108	0.336494	-2.97182	0.000489765	0.259929	-3.8472	0.000587996	0.269806	-3.70637	0.00146479	0.322	-3.10559	0.0599109	0.592359	-1.68817	0.330785	0.780714	-1.28088	0.00162318	0.328174	-3.04716	0.00208478	0.343482	-2.91136	0.00578071	0.409825	-2.44007	11.4171	11.0034	0.856685	1
cg01797257	PAX7;PAX7;PAX7	0.0012516	0.458968	1.3158	1.3158	0.663357	1.17281	1.17281	0.000445544	7.51395	7.51395	0.529992	0.793301	-1.26056	0.752569	0.891271	-1.12199	0.000459692	7.4424	7.4424	0.000206001	9.60881	9.60881	0.699364	0.868285	-1.1517	0.457491	1.31703	1.31703	11.0382	23.1579	1.86486	1
cg24662698	PAX7;PAX7;PAX7	0.00126706	0.179484	0.537058	-1.862	0.963154	1.02035	1.02035	0.000295072	13.0716	13.0716	0.420995	0.698776	-1.43107	0.162559	0.522033	-1.91559	0.000263333	13.657	13.657	0.0057043	4.85754	4.85754	0.0265855	3.14545	3.14545	0.770509	1.13602	1.13602	10.9996	33.1164	2.67618	1
cg04240109	PAX7;PAX7;PAX7	0.00274349	0.0253919	0.416808	-2.39919	0.00084464	0.191479	-5.22251	0.268441	1.46175	1.46175	0.69885	0.87982	-1.1366	0.0234638	0.410058	-2.43868	0.0198147	2.52577	2.52577	0.0196307	2.53068	2.53068	0.0139829	2.71733	2.71733	0.345276	0.726043	-1.37733	8.7878	15.0972	1.52708	1
cg08164371	PAX7;PAX7;PAX7	0.00314128	0.355766	0.796113	-1.2561	0.113065	1.51282	1.51282	0.0139866	0.482619	-2.07203	0.67786	0.904593	-1.10547	0.757792	0.928439	-1.07708	0.304863	0.774875	-1.29053	0.272902	0.760399	-1.3151	0.000176802	4.59968	4.59968	0.0147816	2.05448	2.05448	8.44188	7.70375	0.811167	1
cg22157239	PAX7;PAX7;PAX7	0.00330426	0.765667	0.867158	-1.15319	0.522914	0.734356	-1.36174	0.000758706	11.405	11.405	0.540662	0.744265	-1.34361	0.0488112	0.341999	-2.92399	0.00610769	5.51064	5.51064	0.050159	2.9005	2.9005	0.00140881	9.0668	9.0668	0.8037	1.1261	1.1261	8.31559	29.9487	3.20134	1
cg11704005	PAX7;PAX7;PAX7	0.00515374	0.010038	0.151771	-6.58889	0.00240796	0.0860735	-11.618	0.013048	0.167504	-5.97	0.0220328	0.203249	-4.92007	0.00442653	0.110407	-9.05739	0.0537046	0.280558	-3.56433	0.00175197	0.075204	-13.2972	0.00467386	0.112827	-8.86315	0.023144	0.206933	-4.83248	7.271	38.7618	4.73868	1
cg02856716	PAX7;PAX7;PAX7	0.00518235	0.0686442	0.504588	-1.98182	0.0860485	0.529076	-1.89009	0.0019507	0.22987	-4.35028	0.127634	0.575298	-1.73823	0.0275877	0.417132	-2.39732	0.113289	0.560801	-1.78316	0.0024861	0.243891	-4.1002	0.000467186	0.157811	-6.3367	0.0210614	0.394061	-2.53768	7.2587	12.9494	1.58577	1
cg15082028	PAX7;PAX7;PAX7	0.00565567	0.0355904	0.0949421	-10.5327	0.123718	0.200956	-4.97621	0.283168	2.92488	2.92488	0.0370801	0.0973022	-10.2773	0.0848434	0.159744	-6.26002	0.086349	6.19393	6.19393	0.000472135	197.628	197.628	0.474262	0.496377	-2.0146	0.877129	0.861643	-1.16057	7.06669	103.679	13.0413	1
cg20932535	PAX7;PAX7;PAX7	0.00670872	0.0030867	0.192548	-5.1935	0.109323	0.491527	-2.03447	0.0175303	0.308519	-3.24129	0.439915	0.725845	-1.3777	0.0449074	0.392064	-2.55061	0.299102	0.645464	-1.54927	0.000325956	0.0941508	-10.6213	0.047071	0.396751	-2.52047	0.0144811	0.293595	-3.40605	6.70324	17.5678	2.32959	1
cg10205548	PAX7;PAX7;PAX7	0.00801417	0.538209	1.19906	1.19906	0.21813	0.68568	-1.45841	0.125036	0.616518	-1.62201	0.0400855	1.99576	1.99576	0.0966132	0.587825	-1.70119	0.939835	1.02223	1.02223	0.918262	0.970542	-1.03035	0.00045369	0.199962	-5.00094	0.0113404	0.39714	-2.518	6.34062	8.5205	1.19449	1
cg12751456	PAX7;PAX7;PAX7	0.0082155	0.0508678	0.305625	-3.27198	0.0396528	0.281442	-3.55313	0.0528092	0.309437	-3.23168	0.269115	0.541545	-1.84657	0.0319699	0.262039	-3.81623	0.226156	0.507996	-1.96852	0.000451824	0.0525141	-19.0425	0.00316489	0.11663	-8.57412	0.0138406	0.197704	-5.05808	6.29126	28.297	3.99807	1
cg02178648	PAX7;PAX7;PAX7	0.00920456	0.255144	0.600784	-1.66449	0.00903145	0.240902	-4.15106	0.433892	1.4084	1.4084	0.804959	0.899328	-1.11194	0.417871	0.701144	-1.42624	0.00562295	4.75334	4.75334	0.00804229	4.28944	4.28944	0.0141929	3.66049	3.66049	0.975308	0.986814	-1.01336	6.0689	17.6787	2.58934	1
cg09791440	PAX7;PAX7;PAX7	0.00985533	0.620645	0.778858	-1.28393	0.00906844	0.189906	-5.26576	0.0031082	0.131829	-7.58558	0.827063	0.896188	-1.11584	0.0360024	0.294682	-3.39349	0.487333	0.702226	-1.42404	0.00085286	0.0812416	-12.309	0.0342216	0.290057	-3.4476	0.102016	0.407972	-2.45115	5.93822	23.6007	3.53278	1
cg00855990	PAX7;PAX7;PAX7	0.0099809	0.815537	0.904916	-1.10508	0.0401322	2.75653	2.75653	0.447033	1.39285	1.39285	0.0517838	2.57614	2.57614	0.748067	1.14772	1.14772	0.0769144	0.431269	-2.31874	0.470788	0.730758	-1.36844	0.000338911	11.8105	11.8105	0.330876	1.53566	1.53566	5.91423	17.1223	2.57342	1
cg13469600	PAX7;PAX7;PAX7	0.011967	0.0796818	0.437055	-2.28804	0.133273	0.501972	-1.99214	0.435882	1.40254	1.40254	0.842405	0.918777	-1.0884	0.0890286	0.450175	-2.22136	0.00405176	5.16713	5.16713	0.649696	1.2148	1.2148	0.00268005	5.84848	5.84848	0.447562	1.39014	1.39014	5.57848	15.9999	2.54946	1
cg15505287	PAX7;PAX7;PAX7	0.0128	0.422603	0.571471	-1.74987	0.0326531	0.181278	-5.51639	0.290314	2.1163	2.1163	0.780697	0.826417	-1.21004	0.24109	0.432447	-2.31242	0.00225411	18.5476	18.5476	0.00466527	13.0643	13.0643	0.434793	1.72351	1.72351	0.800153	0.840902	-1.1892	5.45769	40.3351	6.56933	1
cg06220449	PAX7;PAX7;PAX7	0.0128245	0.166602	0.561927	-1.77959	0.00654381	0.251421	-3.9774	0.288938	0.650365	-1.5376	0.929136	0.965835	-1.03537	0.0677652	0.449485	-2.22477	0.0283011	2.75088	2.75088	0.071113	0.454795	-2.19879	0.00783237	3.79551	3.79551	0.949684	1.02497	1.02497	5.45429	13.1944	2.1503	1
cg12080079	PAX7;PAX7;PAX7	0.0154416	0.269248	1.33686	1.33686	0.649646	1.12232	1.12232	0.751125	0.92285	-1.0836	0.72041	0.913303	-1.09493	0.000870689	0.283551	-3.5267	0.0403683	1.81759	1.81759	0.0214703	0.498033	-2.0079	0.545344	0.856894	-1.167	0.843913	1.051	1.051	5.13117	5.17434	0.896368	1
cg21215218	PAX7;PAX7;PAX7	0.0162581	0.168996	0.664294	-1.50536	0.412422	0.791437	-1.26353	0.00373778	0.335264	-2.98273	0.00840509	0.390798	-2.55887	0.0468074	0.529788	-1.88755	0.981396	0.993513	-1.00653	0.0260474	0.478457	-2.09005	0.00272912	0.315119	-3.1734	0.43425	0.800356	-1.24944	5.04406	6.22368	1.09677	1
cg07536847	PAX7;PAX7;PAX7	0.0179899	0.730248	0.718727	-1.39135	0.218139	3.44215	3.44215	0.0884946	6.00874	6.00874	0.763584	1.33354	1.33354	0.0589152	0.130619	-7.65588	0.10395	5.4546	5.4546	0.00517787	33.8448	33.8448	0.00296857	48.947	48.947	0.92628	1.09232	1.09232	4.87605	70.3154	12.8183	1
cg09366342	PAX7;PAX7;PAX7	0.0184984	0.56442	0.721144	-1.38669	0.175288	0.445381	-2.24527	0.0588593	3.31123	3.31123	0.863226	0.907779	-1.10159	0.523776	0.695897	-1.43699	0.00165101	12.521	12.521	0.00676708	7.16842	7.16842	0.724478	1.21968	1.21968	0.492691	1.47841	1.47841	4.8305	24.0893	4.43281	1
cg03739172	PAX7;PAX7;PAX7	0.0200839	0.548197	1.16951	1.16951	0.265292	0.741429	-1.34875	0.00509721	0.385235	-2.59582	0.258621	0.738045	-1.35493	0.127474	0.653947	-1.52918	0.309459	1.31135	1.31135	0.0052879	0.387725	-2.57915	0.00784773	0.41512	-2.40894	0.301118	0.758731	-1.31799	4.69788	4.94143	0.934972	1
cg08549396	PAX7;PAX7;PAX7	0.0265291	0.574266	0.781109	-1.28023	0.251397	1.68461	1.68461	0.329694	0.645457	-1.54929	0.245823	0.589622	-1.696	0.0905414	0.444124	-2.25163	0.326961	1.55339	1.55339	0.0160085	0.277113	-3.60863	0.00386381	5.44119	5.44119	0.95904	1.0226	1.0226	4.2679	12.8037	2.66666	1
cg12297374	PAX7;PAX7;PAX7	0.0278173	0.174372	0.538504	-1.857	0.991766	0.995589	-1.00443	0.279026	0.617453	-1.61956	0.0160423	0.282918	-3.5346	0.018636	0.294702	-3.39326	0.209236	0.567228	-1.76296	0.0160201	0.282811	-3.53594	0.00231758	0.161577	-6.189	0.42432	0.705008	-1.41842	4.19745	12.1999	2.58357	1
cg01965874	PAX7;PAX7;PAX7	0.0305811	0.0223726	4.49976	4.49976	0.370554	0.603297	-1.65756	0.133741	0.411127	-2.43234	0.150268	2.33382	2.33382	0.119022	0.39461	-2.53415	0.370499	0.603261	-1.65766	0.00489937	0.128846	-7.76118	0.217928	0.490515	-2.03867	0.819987	1.13345	1.13345	4.05905	19.4174	4.25219	1
cg22707207	PAX7;PAX7;PAX7	0.0382052	0.252232	1.40511	1.40511	0.260562	1.39613	1.39613	0.00711819	0.372094	-2.68749	0.0969018	1.67898	1.67898	0.0230201	2.16655	2.16655	0.156802	1.53828	1.53828	0.49756	1.21634	1.21634	0.274593	0.723778	-1.38164	0.929675	1.02542	1.02542	3.74575	4.79758	1.1385	1
cg17468663	PAX7;PAX7;PAX7	0.0389419	0.15411	0.580629	-1.72227	0.274149	0.666665	-1.5	0.00466989	0.261773	-3.82011	0.274933	0.667142	-1.49893	0.153727	0.580294	-1.72326	0.747196	0.891149	-1.12215	0.00865031	0.303395	-3.29603	0.01187	0.326562	-3.06221	0.110788	0.538415	-1.8573	3.71962	7.47985	1.78748	1
cg21170920	PAX7;PAX7;PAX7	0.0399461	0.572175	0.751325	-1.33098	0.602455	1.30114	1.30114	0.66801	0.805636	-1.24126	0.464359	0.688641	-1.45213	0.632978	0.785846	-1.27251	0.599705	0.766997	-1.30379	0.511111	0.716153	-1.39635	0.000761967	12.8726	12.8726	0.825513	1.11695	1.11695	3.68497	14.644	3.53243	1
cg04276953	PAX7;PAX7;PAX7	0.0442073	0.185101	0.565808	-1.76738	0.0164437	0.304851	-3.2803	0.0328385	0.363638	-2.74999	0.196499	0.574996	-1.73914	0.0218782	0.328029	-3.04851	0.199847	0.577634	-1.7312	0.0712438	0.441987	-2.26251	0.00476676	0.219044	-4.56529	0.230326	0.600523	-1.66522	3.54903	9.22974	2.31168	1
cg08235970	PAX7;PAX7;PAX7	0.0467084	0.277009	0.724402	-1.38045	0.786822	0.925612	-1.08037	0.436244	1.2542	1.2542	0.771897	0.920452	-1.08642	0.261856	0.716309	-1.39605	0.0340437	2.02482	2.02482	0.205391	0.683189	-1.46372	0.00444153	2.95184	2.95184	0.219902	1.44463	1.44463	3.47655	4.47747	1.14481	1
cg11428724	PAX7;PAX7;PAX7;PAX7;PAX7;PAX7	0.00824753	0.380677	1.60628	1.60628	0.409259	1.56018	1.56018	0.0684265	2.93051	2.93051	0.644618	1.27735	1.27735	0.697062	0.813685	-1.22898	0.516023	1.41494	1.41494	0.529289	1.39919	1.39919	9.59E-05	38.815	38.815	0.0857054	2.7211	2.7211	6.28354	27.643	3.91046	1
cg13969001	PAX7;PAX7;PAX7;PAX7;PAX7;PAX7	0.0255672	0.410083	0.41763	-2.39446	0.890684	0.86892	-1.15085	0.948976	0.936723	-1.06755	0.527133	1.93496	1.93496	0.716328	1.4532	1.4532	0.756063	0.726929	-1.37565	?	?	?	0.000991308	802.385	802.385	0.383309	2.53021	2.53021	6.68577	90.1083	8.42352	1
cg21610815	PAX8;PAX8;LOC654433;PAX8;PAX8;PAX8;LOC440839	0.00924869	0.0588077	0.422106	-2.36907	0.000615162	0.118695	-8.42492	0.00727524	0.246846	-4.05111	0.450475	0.73291	-1.36442	0.831586	1.08988	1.08988	0.688792	1.17667	1.17667	0.321615	1.51255	1.51255	0.016098	0.304172	-3.28761	0.753785	1.13559	1.13559	6.05968	15.6731	2.29907	1
cg00354484	PAX8;PAX8;LOC654433;PAX8;PAX8;PAX8;LOC440839	0.0107245	0.00880668	0.191624	-5.21856	0.00180349	0.110957	-9.01253	0.0267564	0.272542	-3.66917	0.56277	0.748383	-1.33621	0.00215295	0.118339	-8.45033	0.0687315	0.364525	-2.7433	0.0814409	0.384164	-2.60306	0.582996	0.759836	-1.31607	0.0231445	0.260531	-3.83831	5.77951	22.4601	3.45436	1
cg25042226	PAX8;PAX8;PAX8;LOC440839;PAX8;PAX8	0.00236109	0.949201	1.01009	1.01009	0.82356	1.03581	1.03581	0.17222	1.25996	1.25996	0.229106	1.22173	1.22173	0.00109308	0.44514	-2.24648	0.14044	1.2874	1.2874	0.000199746	2.9264	2.9264	0.0304694	1.50825	1.50825	0.767522	1.04782	1.04782	10.8976	4.19165	0.299165	1
cg05106191	PAX8;PAX8;PAX8;LOC440839;PAX8;PAX8	0.0188391	0.0571422	1.71923	1.71923	0.414022	1.23398	1.23398	0.976031	1.00759	1.00759	0.0503278	1.75371	1.75371	0.0838264	0.617716	-1.61887	0.271374	0.749533	-1.33416	0.0029405	2.79641	2.79641	0.0232991	1.97906	1.97906	0.0761965	1.64338	1.64338	4.80084	4.82025	0.892482	1
cg09234973	PAX8;PAX8;PAX8;PAX8;LOC440839;PAX8	0.0220483	0.117661	0.254567	-3.92823	0.00324982	0.0394989	-25.3172	0.00755308	0.0628298	-15.916	0.248294	0.378418	-2.64258	0.0226711	0.111163	-8.99577	0.0531078	0.170425	-5.86768	0.0166242	0.0949113	-10.5362	0.024508	0.115633	-8.64806	0.196298	0.332827	-3.00456	4.55051	46.723	9.12678	1
cg06881093	PAX8;PAX8;PAX8;PAX8;LOC440839;PAX8	0.0286246	0.117202	2.57998	2.57998	0.114427	2.60199	2.60199	0.902606	1.07056	1.07056	0.581986	1.36295	1.36295	0.0181431	4.94272	4.94272	0.0647206	3.17563	3.17563	0.00119654	14.0709	14.0709	0.0383185	3.8071	3.8071	0.275764	1.88035	1.88035	4.15532	20.4141	4.3669	1
cg09704166	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	3.50E-05	0.00171521	0.56186	-1.7798	6.08E-05	0.385315	-2.59528	0.00198432	0.569701	-1.75531	0.000130042	0.424824	-2.35391	1.32E-05	0.308251	-3.24411	1.26E-05	0.305911	-3.26893	0.635875	1.06336	1.06336	0.597675	0.9337	-1.07101	0.00014252	0.429622	-2.32763	29.2429	7.68412	0.233572	1
cg23136554	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.0187199	0.0541415	0.812919	-1.23013	0.542271	0.943219	-1.0602	0.0493897	0.808537	-1.2368	0.474199	1.07141	1.07141	0.11765	0.851261	-1.17473	0.00714334	0.719485	-1.38988	0.00588414	1.40712	1.40712	0.866016	0.984125	-1.01613	0.529174	0.941375	-1.06228	4.81114	0.684291	0.126427	1
cg09250933	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.0343051	0.0523239	6.38888	6.38888	0.0285823	8.76427	8.76427	0.127914	3.98743	3.98743	0.204185	3.08348	3.08348	0.0229741	9.83305	9.83305	0.0470771	6.75102	6.75102	0.00516407	22.2674	22.2674	0.0154038	12.1654	12.1654	0.0676151	5.58795	5.58795	3.89526	43.5676	9.94202	1
cg03197992	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.0383411	0.0545705	0.248718	-4.02062	0.0314968	0.200001	-4.99998	0.232724	0.450025	-2.2221	0.90565	1.07859	1.07859	0.0102952	0.127079	-7.86912	0.0865463	0.298798	-3.34674	0.00721751	0.109455	-9.13616	0.0833703	0.294364	-3.39716	0.0433537	0.227046	-4.40439	3.74088	24.1203	5.73135	1
cg01387625	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.045991	0.0420522	9.37187	9.37187	0.243948	3.20434	3.20434	0.120669	4.99196	4.99196	0.0824064	6.28294	6.28294	0.304168	0.361842	-2.76364	0.243152	0.311407	-3.21124	0.135062	0.214619	-4.65941	0.0266335	12.3003	12.3003	0.0585559	7.70067	7.70067	3.49684	50.5356	12.846	1
cg24409539	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.0467037	0.0292854	6.02353	6.02353	0.133535	3.10082	3.10082	0.0775132	3.94393	3.94393	0.191529	2.62986	2.62986	0.0708735	4.10114	4.10114	0.464686	1.68265	1.68265	0.00301024	17.1913	17.1913	0.0284631	6.09896	6.09896	0.111014	3.36735	3.36735	3.47669	26.9263	6.88427	1
cg05194362	PAX8;PAX8;PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839;PAX8;PAX8;PAX8	0.0300291	0.844138	0.971632	-1.0292	0.975951	0.995602	-1.00442	0.998914	0.999801	-1.0002	0.290422	1.17399	1.17399	0.193852	1.22261	1.22261	0.0190869	1.51401	1.51401	0.000893729	2.06938	2.06938	0.179209	1.23196	1.23196	0.128822	1.27121	1.27121	4.08542	1.38306	0.300921	1
cg06749715	PAX9	1.55E-06	0.0322324	1.24168	1.24168	0.00339613	1.41018	1.41018	0.341606	1.08825	1.08825	0.0441982	1.22081	1.22081	0.104145	1.16573	1.16573	0.0274921	0.798486	-1.25237	0.000935538	0.652972	-1.53146	1.89E-08	6.32597	6.32597	0.000328369	1.65	1.65	65.6064	7.74019	0.10487	1
cg24066316	PAX9	1.82E-06	0.467922	0.934235	-1.07039	0.0100144	1.34913	1.34913	0.400192	1.08255	1.08255	0.947427	0.993945	-1.00609	0.707741	0.965907	-1.0353	0.0106278	1.34432	1.34432	0.237628	1.12069	1.12069	1.61E-08	7.45685	7.45685	6.98E-05	1.95185	1.95185	62.8913	8.45014	0.119432	1
cg10741025	PAX9	7.23E-06	0.337745	1.19257	1.19257	0.370405	1.17811	1.17811	0.015914	1.69239	1.69239	0.0893076	1.39636	1.39636	9.04E-05	3.48164	3.48164	0.51285	1.12555	1.12555	0.00487315	1.94467	1.94467	6.39E-08	26.0966	26.0966	0.00849265	1.81967	1.81967	44.125	22.1932	0.447077	1
cg10911990	PAX9	2.79E-05	0.00482491	1.93116	1.93116	0.0194372	1.6443	1.6443	6.30E-06	5.90263	5.90263	0.187369	1.27884	1.27884	0.16507	0.770548	-1.29778	0.15032	0.762318	-1.31179	1.60E-05	4.79019	4.79019	8.75E-06	5.46867	5.46867	0.0708232	1.42661	1.42661	31.0529	15.237	0.436158	1
cg06756919	PAX9	3.74E-05	0.945431	1.01041	1.01041	0.00194139	1.94087	1.94087	0.737501	1.0522	1.0522	0.0211108	1.52116	1.52116	0.0784623	1.344	1.344	0.0535601	1.39321	1.39321	0.118593	0.773938	-1.29209	3.55E-07	9.22631	9.22631	0.382643	1.14502	1.14502	28.7452	10.4158	0.322086	1
cg22968936	PAX9	8.01E-05	0.123674	1.42673	1.42673	0.571611	0.885296	-1.12957	0.495632	0.862901	-1.15888	0.26605	0.781142	-1.28018	0.0391407	0.601236	-1.66324	0.501391	0.864648	-1.15654	0.548162	0.878525	-1.13827	8.84E-07	16.1645	16.1645	0.133689	1.41164	1.41164	23.4891	16.8983	0.639477	1
cg01972418	PAX9	0.000117993	0.905031	1.03382	1.03382	0.334459	1.3197	1.3197	0.0565383	1.82502	1.82502	0.696183	0.896411	-1.11556	0.325499	0.753578	-1.327	0.177493	1.49091	1.49091	0.410621	0.790984	-1.26425	9.98E-07	35.9273	35.9273	0.20678	1.44926	1.44926	21.1807	26.0515	1.0933	1
cg23683588	PAX9	0.000142233	0.00223223	5.93489	5.93489	0.283009	1.59028	1.59028	0.000311279	11.3854	11.3854	0.00011307	16.7775	16.7775	0.11984	2.01741	2.01741	0.167994	1.84239	1.84239	0.182376	1.80139	1.80139	5.05E-06	75.1959	75.1959	0.00592822	4.46721	4.46721	20.1434	55.1766	2.43484	1
cg00970313	PAX9	0.000159552	0.685071	0.865807	-1.15499	0.732836	0.885953	-1.12873	0.0100468	3.15269	3.15269	0.143064	1.74407	1.74407	0.00477397	0.266083	-3.75823	0.425149	1.33353	1.33353	0.0812097	0.505013	-1.98015	3.98E-06	44.2085	44.2085	0.00751206	3.37338	3.37338	19.529	38.6298	1.75829	1
cg04243401	PAX9	0.000186143	0.000780151	0.414759	-2.41104	0.00745712	0.550652	-1.81603	0.892084	1.02378	1.02378	0.068132	0.702057	-1.42439	0.00102205	0.430326	-2.32382	0.0259418	0.632666	-1.58061	0.000166374	0.32934	-3.03637	0.000160913	3.0528	3.0528	0.00584924	0.535356	-1.86791	18.7321	8.89678	0.422177	1
cg17696160	PAX9	0.000196756	0.187954	0.728225	-1.3732	9.06E-06	8.88048	8.88048	0.844786	1.04556	1.04556	0.366779	1.2346	1.2346	0.80529	0.945407	-1.05775	0.573872	0.878836	-1.13787	0.877228	0.965471	-1.03576	4.56E-05	5.76449	5.76449	0.911345	1.02564	1.02564	18.4528	15.0996	0.727361	1
cg02178684	PAX9	0.000233122	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12857945	PAX9	0.000234599	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01672943	PAX9	0.000262822	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01627823	PAX9	0.000304305	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23655970	PAX9	0.000358234	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21875330	PAX9	0.000403151	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07397956	PAX9	0.000449476	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4773 vs. N)	Fold-Change(3477 vs. 4773 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 6377 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Test)	df(Error)
cg19842809	PAX9	0.000463564	0.018161917	0.53651	-1.8639	0.000235299	0.491663	-2.31662	0.762806	0.959148	-1.04299	0.706027	0.105361	1.05761	0.000424031	0.46332	-2.15834											
cg00762160	PAX9	0.00048166	0.100235	0.464037	-1.54075	0.078069	0.615968	-1.62346	0.764778	1.07376	1.073756	0.192733	0.718277	-1.39222	0.020369	0.50988	1.96124											
cg18138671	PAX9	0.000488183	0.237581	0.784754	-1.27428	0.0859164	0.689495	-1.45034	0.216163	1.29044	1.290444	0.623802	1.10169	1.10169	0.0148197	0.555815	-1.79916											
cg00302066	PAX9	0.000502585	0.0806488	1.55949	1.55949	0.40472	1.21595	1.215596	0.112661	1.672063	-1.48597	0.264603	0.765092	-1.30562	0.346345	0.800715	-1.2491											
cg01794426	PAX9	0.000871936	0.850463	0.954239	-1.04796	0.299978	1.30549	1.30549	0.859752	1.04487	1.04487	0.267126	1.33233	1.33233	0.134768	0.928112	-1.07746											
cg04415798	PAX9	0.00108494	0.4801091	1.26478	1.26478	0.346191	1.37372	1.37372	0.388117	1.33578	1.33578	0.029134	1.31993	1.31993	0.419745	1.30974	1.30974											
cg25617340	PAX9	0.00214311	0.16876	1.52318	1.52318	0.202258	1.47161	1.47161	0.302875	0.736193	-1.35834	0.290378	0.729871	-1.3701	0.260982	0.71432	-1.39993											
cg02428056	PAX9	0.002154667	0.0825737	0.634511	-1.63765	0.0818216	0.816506	-1.9656	0.903356	1.03159	1.031593	0.000460243	4.11477	4.11477	0.498467	0.838552	-1.19282											
cg11009113	PAX9	0.00545869	0.787417	1.04193	1.04193	0.807568	1.03778	1.03778	0.00319975	2.425356	-2.42356	0.709303	0.946682	-1.05854	0.549425	0.912064	-1.09641											
cg11194925	PAX9	0.00595083	7	7	7	0.6883494	2.07557	2.07557	0.00448731	3.87961	3.87961	0.386369	0.727789	-1.37402	0.188953	0.607741	-1.64544											
cg26020157	PAX9	0.816366	0.932096	-1.07285	0.932096	-1.07285	0.733	1.39	0.823749	0.93529	-1.06919	0.705829	1.52146	1.52146	0.0142201	0.465472	-2.14872											
cg01002381	PAX9	0.0144758	0.544065	0.623207	-1.6046	0.0197024	0.35305	35.1305	0.0145864	42.7849	42.7849	0.625876	1.60624	1.40144	1.40144													
cg20732709	PAX9	0.0210052	0.0720394	0.507867	-1.96902	0.644992	0.854148	-1.16945	0.0339166	2.788826	2.788826	0.77564	1.30124	1.30124	0.0290649	0.419776	-2.38222											
cg18361098	PAX9	0.0232052	0.549434	0.849749	-1.32737	0.918491	1.03522	1.035222	0.324838	1.44031	1.440311	0.317938	0.705339	-1.41776	0.581771	1.20698	1.206982											
cg09814975	PAX9	0.0292971	0.0246434	0.377094	-2.65186	0.663056	0.815185	-1.17385	0.533983	0.794876	-1.25806	0.208508	0.616457	-1.62217	0.290102	0.71482	-1.3989											
cg18585268	PAX9	0.0348151	0.0785365	0.445234	-1.24681	0.144967	0.524375	-1.90703	0.0159509	2.954624	-2.95462	0.0159264	3.39612	0.598604	0.783348	-1.27657	0.314808	-3.17681										
cg05917460	PAX9;PAX9	0.0164084	0.7056222	1.47976	1.47976	0.0445522	10.8264	10.8264	0.0125463	24.6874	24.6874	0.615351	1.68733	1.68733	7	7	7											
cg27320620	PAX9P1	0.00419928	0.0215465	0.462152	-2.16324	0.0015764	1.18312	1.183122	0.9039307	0.866793	-1.15435	0.0463988	0.528381	-1.89258	0.00118343	0.26452	-3.78044											
cg19073171	PAX9P1;LOC202781	0.0135601	0.0593219	0.39856	-2.50904	0.0940975	1.02572	1.032025	0.0274149	3.086705	3.08675	0.739654	1.15501	1.15501	0.169144	0.531008	-1.88321											
cg22583711	PAX9P1;LOC202781	0.0246252	0.0912659	0.791305	-1.26379	0.372315	1.12218	1.12218	0.641609	1.06077	1.06077	0.730606	0.957433	-1.04446	0.263053	0.863426	-1.15818											
cg24452135	PAX9P1;PAX9P1;LOC202781	0.0266791	0.210617	1.20918	1.20918	0.811004	1.03588	1.035882	0.0538236	1.3605	1.3605	0.510452	1.1009	1.1009	0.652999	0.930242	-1.07504											
cg26261431	PBK	1.07E-05	0.7696	0.948868	-1.05389	0.6930233	1.43846	1.438462	0.00958115	2.440884	2.440884	0.0516329	1.94258	1.93458	3.76E-07	0.0737811	-13.5536											
cg07795291	PBK	0.000557785	0.1223388	1.257588	1.257588	0.1034416	1.098608	1.098608	0.1364546	1.277484	1.277484	0.216015	1.178296	1.18567	0.0018671	0.945402	-1.22575											
cg01579019	PBK	0.0215074	0.4843651	0.947757	-1.05512	0.945043	0.994808	-1.00522	0.539127	0.954137	-1.04807	0.4422837	1.19318	1.19318	0.87539	0.988221	-1.01192											
cg21734487	PBK;PBK	0.00490127	0.411154	0.61997	1.60997	0.254544	1.96664	1.96664	0.542051	1.44105	1.440105	0.360084	0.590625	-1.69312	0.331538	1.76559	1.76559											
cg25080826	PBLD	0.00246321	0.3744386	0.695655	-1.43748	0.2060857	0.881657	1.134107	0.5675	1.762353	1.762353	0.164761	1.26817	1.26817	0.0042506	0.554763	-1.80267											
cg02779948	PBLD;HNRNPH1;PBLD;HNRNPH3	0.0168781	0.9383191	0.984351	-1.0159	0.121144	1.40751	1.407051	0.00344998	2.24278	2.24278	0.718419	0.929002	-1.07642	0.0925156	1.45723	1.45723											
cg19024161	PBLD;PRLD	0.00343418	0.1221197	0.804613	-1.24256	0.0003847	0.16403	-6.09546	0.00339777	0.22161	-4.43931	0.010153	0.146232	-6.83959	7.81E-05	0.14051	-7.11696											
cg02500192	PBOV1;KIAA1244	0.0100489	0.0163413	0.503436	-1.98635	0.0054224	0.352653	2.83263	0.121947	0.67575	-1.47984	0.0364696	0.566451	-1.76538	0.0081703	0.621044	-1.61019											
cg06608374	PBOV1;KIAA1244;PBOV1	0.000502181	0.503233	1.0191	1.0191	0.4499707	1.40598	1.40598	0.76714	1.05702	1.05702	0.0269335	0.670736	-1.4909	5.16E-05	0.31514	-3.17319											
cg11338745	PBRM1	0.0483331	0.0483331	1.50386	1.50386	0.2109096	1.76479	-1.96479	0.0778196	2.10422	-2.10422	0.10903	1.34185	1.34185	0.0252999	0.554649	-1.80329											
cg26558862	PBRM1;PBRM1;PBRM1	0.018775	0.144323	0.682294	-1.45287	0.384019	0.807483	-1.23842	0.0126032	0.47765	-2.09358	0.0505261	0.588119	-1.70034	0.0456013	0.579267	-1.72632											
cg15690379	PBRM1;PBRM1;PBRM1	0.0242013	0.1240231	0.806452	-1.24003	0.2731117	0.953458	-1.04892	0.0258188	0.744079	-1.34394	0.0255088	0.740409	-1.35049	0.0255088	0.740409	-1.35049											
cg14945696	PBRM1;PBRM1;PBRM1	0.0439189	0.914185	1.01947	1.01947	0.1454243	0.583583	-1.71355	0.479069	0.879226	-1.13736	0.671249	0.926476	-1.07936	0.0024784	0.471216	-2.12217											
cg25148025	PBX1	0.00115717	0.00016515	0.525081	-1.90447	6.8E-05	0.481173	-2.07825	0.346721	1.10215	1.10215	0.523096	0.936952	-1.06729	0.116643	0.842722	-1.18663											
cg07152605	PBX1	0.00137488	0.4240817	0.772408	-1.29466	0.1719285	0.949105	-1.05359	0.0001455	1.400509	1.400509	0.0165335	1.164681	1.164681	0.0004755	0.714266	-1.39981											
cg09823576	PBX1	0.00174272	0.00574666	0.310068	-3.2251	0.00240909	0.254803	-3.9246	0.000772018	0.192713	-5.18906	0.455504	0.78203	-1.27872	0.00329227	0.273833	-3.65187											
cg16127349	PBX1	0.00158959	0.0022506	0.376006	-2.65917	0.1451617	0.34167	0.648383	0.289182	-1.11212	0.784739	0.180275	1.06573	1.06573	0.0026242	0.248494	-4.02417											
cg12629991	PBX1	0.00377189	0.0258509	0.316849	-3.15608	0.160601	0.661602	-1.51148	0.0179801	0.453314	-2.20598	0.020701	0.462484	-2.16224	0.0004083	0.213066	-4.69338											
cg24039780	PBX1	0.00548337	0.2142015	1.50967	1.50967	0.0084604	2.83111	2.883311	0.121834	1.69589	1.69589	0.132157	1.6683	1.6683	0.0492134	0.493088	-2.02803											
cg16397401	PBX1	0.00549647	0.1863651	1.37295	1.37295	0.2812646	1.76178	-1.76178	0.0776258	1.76258	-1.76258	0.0776258	1.76258	1.76258	0.0776258	1.76258	-1.76258											
cg19767020	PBX1	0.00657325	0.0367489	0.572419	-1.74697	0.098494	0.15681	1.51681	0.426616	0.829741	-1.2052	0.897409	0.970674	-1.03021	0.0004546	0.280783	-3.56146											
cg00154357	PBX1	0.00972027	0.0122272	0.351557	-2.84485	0.0144344	0.354116	2.823401	0.0138455	0.382255	-2.61494	0.0321932	0.437709	-2.28521	0.0056355	0.389358	-2.5692											
cg09023604	PBX1	0.0103946	0.387042	1.13857	1.13857	0.163583	1.2431	1.2431	0.807949	0.964984	-1.03629	0.00451591	1.74002	1.74002	0.160754	0.803098	-1.24518											
cg25031777	PBX1	0.0112304	0.2909382	0.691953	-1.44537	0.0721847	0.130886	1.308886	0.0181956	1.894871	1.894871	0.0181956	1.894871	1.894871	0.0181956	1.894871	-1.89487											
cg20343205	PBX1	0.0164084	0.8464885	0.969611	-1.03134	0.0800407	0.56128	1.78034	0.394687	1.44931	1.449311	0.57586	0.919733	-1.08742	0.0194982	0.763875	-1.30911											
cg05341781	PBX1	0.0117537	0.0683168	0.535188	-1.8685	0.000325593	0.168744	-5.92613	0.090445	0.564735	-1.77074	0.587061	1.18289	1.18289	0.0276259	0.450381	-2.22034											
cg14612294	PBX1	0.0118503	0.0072592	0.405556	-2.46611	0.1174762	0.61858	-1.57307	0.188738	0.749257	-1.33435	0.0004568	1.50224	1.50224	0.0010603	0.34148	-2.92855											
cg03183364	PBX1	0.02059	0.4418614	0.762498	-1.31148	0.123388	0.72902	1.72902	0.550996	0.820434	-1.21887	0.7755105	1.09854	1.09854	0.000435804	0.163378	-6.12079											
cg07916989	PBX1	0.0221786	0.6567747	0.879769	-1.14025	0.0586128	1.67934	1.679342	0.0097487	0.380674	-2.6263	0.0085656	0.371363	-2.69278	0.0174568	0.42551	-2.35014											
cg18137657	PBX1	0.0220101	0.5650319	0.869026	-1.15066	0.8490664	0.987542	-1.01262	0.1911	1.14186	1.141861	0.0370757	0.84182	-1.18791	0.3101614	1.07154	1.071541											
cg10539928	PBX1	0.0251189	0.0100013	0.262025	-4.84954	0.0790016	0.412979	-2.42143	0.164817	0.487025	-2.05128	0.750586	0.856562	-1.16746	0.00544491	0.171459	-5.8323											
cg21270847	PBX1	0.0314603	0.0999771	0.5	-2.00004	0.0708007	0.0599552	-16.6811	0.0216	0.015098	-66.2116	0.0315098	0.135012	-7.40677	0.44444	1.88873	2.25	0.0462005	0.176643	0.5666	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
cg19031054	PBX1	0.0337882	0.2971884	0.720612	-1.38771	0.564019	0.1934	1.1934	0.00678798	2.89656	2.89656	0.459907	1.25622	1.25622	0.1447	0.621938	-1.60788											
cg12073607	PBX1	0.0338844	0.1116469	0.762009	-1.31232	0.2491668	1.17158	1.17158	0.0721552	1.37665	1.37665	0.974269	1.00515	1.00515	0.2270615	1.20053	-1.20053											
cg04869770	PBX1	0.0387785	0.749624	0.874623	-1.14335	0.406814	0.701147	-1.42624	0.432984	0.715496	-1.39763	0.111949	2.0637	2.0637	0.0020357	0.0253661	3.76014											
cg24719489	PBX1	0.0388745	0.4071154	0.792212	-1.26229	0.855623	1.0513	1.0513	0.433775	1.24534	1.24534	0.395119	1.27024	1.27024	0.00115245	0.269267	-3.71379											
cg05312927	PBX1	0.0388804	0.0132606	0.414154	-2.41501	0.1411853	0.711853	-1.40534	0.0045756	0.382939	-2.61128	0.0045756	0.382939	-2.61128	0.0045756	0.382939	-2.61128											
cg20288105	PBX2	1.35E-05	0.0005093	0.51462	1.50462	0.0003935	0.160336	0.603336	0.000272674	1.56652	1.56652	0.0959808	0.852153	-1.1735	5.40E-05	0.76189	1.76189											
cg13964363	PBX2	0.00441914	8.53E-05	0.165511	1.65511	0.0001	0.0001	1.29134	0.0001	0.03555	1.03555	0.0504938	0.83744	-1.19411	0.0019394	0.763423	-1.3089											
cg14635654	PBX2	0.00102589	0.0120295	0.81229	1.81229	0.0181116	1.72437	1.72437	0.026089	1.6507	1.6507	0.0147497	1.76775	1.76775	0.0019692	0.43585	-2.29437											
cg02681370	PBX2	0.00111248	0.138273	0.85306	-1.17225	0.967571	0.995911	-1.00411	0.0269394	0.770343	-1.29812	0.0017933	1.55648	1.55648	0.0525665	0.802933	-1.24543											
cg10017982	PBX2	0.00122809	0.6818163	0.934121	-1.07053	0.0054159	0.54726	1.82729	0.0272412	0.83637	-1.19667	0.0280016	1.51267	1.51267	0.0003475	0.47345	-2.11215											
cg09784502	PBX2	0.0032541	0.7364251	1.07713	1.07713	0.0001883223	3.99658	3.996658	0.00264707	2.49628	2.49628	0.513229	1.15738	1.15738	0.009065162	2.07392	2.07392											
cg18057469	PBX2	0.00422906	0.0076064	0.460917	-2.16996	0.1776226	0.74742	1.34742	0.0001	2.17805	2.17805	0.335698	1.012864	1.012864	0.0001306683	0.250055	-3.99945											
cg19376664	PBX2	0.00436229	0.9637324	0.91914	1.01914	0.0039694	6.22387	6.223387	0.133725	1.96259	1.96259	0.303035	0.640985	-1.5001	0.0290942	0.342255	2.9218											
cg03426888	PBX2	0.00746548	0.5116636	0.913256	-1.09498	0.0069884	1.60892	1.608892	0.00258457	1.76703	1.76703	0.32947	0.871746	-1.14712	0.223791	0.840112	-1.19032											
cg20146676	PBX2	0.0223894	0.1761	1.2439	1.2439	0.4441525	1.11853	1.11853	0.0001	1.2982	1.2982	0.944333	0.99092	-1.00918	0.0004615756	0.382939	-2.61128											
cg20889530	PBX2	0.00797874	0.0751901	1.4876	1.4876	0.0148833	0.548579	-1.82289	0.00654546	0.23017	0.23017	0.181335	0.752422	-1.32904	0.0028149	0.418258	-2.28176											
cg06563066	PBX2	0.00801153	0.0607153	0.749239	-1.33465	0.2815358	0.93552	1.069552	0.0014256	0.58166	1.72018	0.0180228	0.836023	-1.19614	0.0026276	0.722557	-1.38409											
cg03729455	PBX2	0.0134389	0.481303	0.894908	-1.11743	0.0951929	0.32896	1.32896	0.994118	0.998857	-1.00114	0.0337943	1.46884	1.46884	0.0373796	0.68747	-1.45461											
cg12660777	PBX2	0.0149019	0.00878195	0.276086	-3.62206	0.0180783	0.330438	-3.02628	0.272055	0.643448	-1.55433	0.149686	0.551187	-1.81426	0.0042076	0.228033	-4.38533											
cg00963496	PBX2	0.0150108	0.0596643	0.718153	-1.39234	0.3407381	1.38048	1.38048	0.12715	1.883986	1.88398	0.111224	1.31249	1.31249	0.0310697	0.817815	-1.22277											
cg17023707	PBX2	0.0297596	0.937669	0.99385	-1.00619	0.3530137	0.927088	-1.07865	0.244628	0.90846	-1.10076	0.0256049	0.811257	-1.23266	0.745531	0.974642	-1.02602											
cg20765522	PBX2	0.0299747	0.2609163	0.737255	-1.35625	0.0882014	0.580171	-1.72356	0.0001	2.88113	2.881133	0.0001	1.03631	1.03631	0.0001	0.346958	-2.88113											
cg27154143	PBX2	0.0432913	0.203774	0.797018	-1.25468	0.166769	0.779502	-1.28287	0.426947	0.871912	-1.1469	0.555809	0.904221	-1.10592	0.213554	0.747547	-1.33771											
cg21463700	PBX2	0.0436008	0.6837964	0.889871	-1.12376	0.0042737	0.165825	0.964965	0.0001	0.00001	0.00001	0.0001	0.00001	0.00001	0.0001	0.0001	0.0001											
cg04795051	PBX3;PBX3;PBX3	0.00357166	0.0208395	0.7442	1.7442	0.9640805	1.00479	1.00479	0.000174228	0.46741	-2.13931	0.145955	0.196319	-5.09402	0.0001	0.0001	0.0001											
cg08426237	PBX3;PBX3;PBX3	0.00672967	0.0038122	0.211944	-4.71831	0.555126	1.26788	1.26788	0.11307	0.503701	-1.98553	0.133086	0.413798	-2.41648	0.0001	0.0001	0.0001											
cg14288049	PBX3;PBX3;PBX3	2.21E-06	5.79E-07	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001											
cg13813086	PBX3;PBX3;PBX3	0.00044278	0.0001153	0.086184	-11.603	0.00157279	0.185598	-5.38798	0.00245725	0.209586	-4.77132	0.00173147	0.190597	-5.24668	0.00359226	0.231628	-4.31727											
cg04295163	PBX3;PBX3;PBX3;PBX3	0.00218022	0.150955	0.687701	-1.45417	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001											
cg04011554	PBX3;PBX3;PBX3;PBX3	0.00603334	0.0222007	0.152377	-6.53392	0.0054086	0.564753	-1.77062	0.000182703	0.572658	-1.74653	0.0002	0.618407	-1.61717	0.0001	0.0001	0.0001											
cg13671198	PBX3;PBX3;PBX3;PBX3	0.0209661	0.0080812	0.082686	-12.0819	0.0326559	0.159409	-6.27319	0.0223876	0.134002	-7.46257	0.0030838	0.153528	-6.51348	0.00909832	0.0876564	-11.4082											
cg22455660	PBX3;PBX3;PBX3;PBX3	0.0210224	0.481431	1.12667	1.12667	0.2731221	0.92715	-1.07863	0.0039457	0.313462	3.189043	0.0001	1.60603	1.60603	0.0001	0.0001	0.0001											
cg14911694	PBX3;PBX3;PBX3;PBX3	0.0152725	0.947714	0.990133	-1.00932	0.756922	-1.32114	0.00533033	2.25968	2.259682	0.172995	1.29181	0.802648	-1.24538	0.0028407	0.435953	-2.29398											
cg19956151	PBX4	0.0210953	0.539547	0.884004	-1.13097	0.0409413	1.49	1.61349	0.00373735	2.1742	2.1742	0.820221	1.04534	1.04534	0.346036	1.24139	-1.24139											
cg17539161	PBX4	0.0314578	0.1045786	0.277798	-3.59973	0.298871	0.122162	1.11852	0.0732225	1.219925	1.219925	0.529593	1.23181	1.23181	0.100427713	0.192004	-5.20823											
cg24763384	PBX4;PBX1	0.00707617	0.385545	0.833748	-1.1994	0.00790565	0.498427	-2.00631	0.189025	0.752461	-1.32897	0.0173204	0.49256	-2.49256	0.0758853	0.667794	-1.49747											
cg26412621	PBX4;PBX1	0.0180862	0.1004304	0.755165	-1.32422	0.1844503	0.615163	-1.62546	0.0170928	0.383237	-2.60957	0.0170928	0.383237	-2.60957	0.0170928	0.383237	-2.60957											
cg15705054	PBX1;PBX1	0.0449531	0.0596833	0.412261	-2.42565	0.86907	0.933524	-1.07121	0.193055	1.77598	1.77598	0.391809	0.693624	-1.4417	0.0308601	0.34747	-2.87794											
cg11135198	PBX1;PBX1;PSG2	0.0243814	0.304284	0.750458	-1.33275	0.1884457	0.615423	-1.62487	0.0553	1.17625	1.176251	0.0553	1.17625	1.176251	0.0553	1.17625	-1.17625											
cg05727001	PC	0.000813465	0.0605044	0.796515	-1.25547	0.176209	1.16715	1.16715	0.0001555242	2.00642	2.00642	0.372616	1.1035	1.1035	0.188188	0.984143	-1.01611											
cg06073386	PC	0.00113439	0.0003136	0.307918	-3.24762	0.794767	1.04636	1.046361	0.163484	1.29501	1.29501	0.0497728	0.677719	-1.47554	0.00283173	0.489371	-2.04344											
cg14653250	PC	0.00134853	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001											
cg06401643	PC	0.00708247	0.005275	0.62341	-1.60408	0.0541878	0.755229	-1.3241	0.651603	1.06014	1.06014	0.23734	1.17558	1.17558	0.0382273	0.879412	-1.13842											
cg13447564	PC	0.00906725	0.2604823	1.19315	1.19315	0.5153855	0.918744	-1.08854	0.0001	1.46406	1.464061	0.0001	1.01406	1.014061	0.0001	0.533239	-1.87527											
cg27113009	PC	0.024114	0.150342	1.21079	1.21079	0.19785	1.06828	1.068282	0.0216292	1.40798	1.40798	0.0306946	0.72984	-1.37016	0.456298	1.0987	1.0987											
cg03349769	PC	0.0148477	0.222288	0.715387	-1.39784	0.539445	0.850242	-1.17614	0.10785	0.623445	-1.58117	0.902271	0.968431	-1.0326	0.0025029734	0.383003	-2.61094											
cg26870803	PC;PC;LRFN4;PC	0.146-06	0.0060351	0.438194	-2.28209	0.0003586	0.126553	2.632213	0.0570993	2.852526	2.852526	0.0965	1.011892	1.011892	0.0003511	0.443641	-4.10439											
cg23975712	PC;PC;PC	0.00104105	0.267522	0.860617	-1.16196	0.0373028	0.730441	-1.36904	0.0529346	0.751372	-1.3309	0.0321823	0.721767	-1.38549	9.75E-07	0.187253	-5.34038											
cg00507563	PC;PC;PC	0.00504254	0.1558504	0.766865	-1.30405	0.0001033	0.183565	0.767765	0.0008389	0.585994	-1.7065	0.0002809	0.480774	0.188177	0.0001	0.0001	0.0001											
cg27637382	PC;PC;PC	0.000547345	0.122917	0.747032	-1.33863	0.0030351	0.492623	-2.02995	0.00477821	0.520717	-1.92044	0.0001	0.258718	0.0001	0.0001	0.0001	0.0001											
cg08982827	PC;PC;PC	0.000583185	0.00036798	0.3228	-3.09789	0.1121102	0.70772	-1.41299	0.1811483	0.752994	-1.32803	0.00194175	0.400431	-2.49731	6.74E-05	0.232649	-4.29833											
cg10959896	PC;PC;PC	0.00282948	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07151565	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2	0.0281537	0.440245	1.51889	1.51889	0.00128782	12.077	12.077	0.013131	5.12071	5.12071	0.166066	2.1909	2.1909	0.550255	0.725443	-1.37847
cg19787841	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2	0.0288757	0.326781	0.799269	-1.25114	0.342921	1.24141	1.24141	0.00981453	2.05951	2.05951	0.144758	1.41432	1.41432	0.751254	1.07292	1.07292
cg21610297	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2	0.0395465	0.258118	1.55106	1.55106	0.0381481	2.44466	2.44466	0.0275676	2.63594	2.63594	0.777801	1.11097	1.11097	0.497511	0.773984	-1.29202
cg08802944	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;MAP3K12	0.0123194	0.149005	1.52606	1.52606	0.000841148	3.94214	3.94214	0.0190859	2.17031	2.17031	0.857445	1.05034	1.05034	0.264614	0.727914	-1.37379
cg11121969	PCBP3;PCBP3	0.000138303	0.0963944	0.74968	-1.3339	0.000115614	0.344109	-2.90605	0.0238997	0.653536	-1.53014	0.263644	0.832013	-1.2019	0.311277	1.17979	1.17979
cg01709871	PCBP3;PCBP3	0.00215301	0.125652	0.798876	-1.25176	0.0112657	1.53745	1.53745	0.0013	1.88637	1.88637	0.281125	0.859179	-1.1639	0.456762	1.10814	1.10814
cg23272214	PCBP3;PCBP3	0.00237392	0.229628	0.884434	-1.13067	0.666966	1.04308	1.04308	0.00421695	0.688462	-1.45251	0.0055567	0.701241	-1.42604	0.779595	1.02771	1.02771
cg05096800	PCBP3;PCBP3	0.00468601	0.000524292	0.152308	-6.56562	0.494217	0.785298	-1.2734	0.956756	1.01906	1.01906	0.764464	0.90067	-1.11028	0.000295395	0.128449	-7.78517
cg11375616	PCBP3;PCBP3	0.00635856	0.767242	1.03562	1.03562	0.000864487	1.80327	1.80327	0.00375465	1.5861	1.5861	0.537813	0.929084	-1.07633	0.679425	0.952184	-1.05022
cg21100167	PCBP3;PCBP3	0.00652052	0.31191	0.787265	-1.27022	0.318164	1.26606	1.26606	0.00575691	0.437166	-2.28746	0.0492794	0.598636	-1.67046	0.914988	0.975881	-1.02472
cg00551153	PCBP3;PCBP3	0.00973561	0.564668	0.909374	-1.09966	0.723274	1.05973	1.05973	0.000128394	0.337417	-2.96369	0.0876009	0.735155	-1.36026	0.174354	0.789967	-1.26588
cg02571448	PCBP3;PCBP3	0.0115359	0.242314	1.21893	1.21893	0.726881	0.944849	-1.05837	0.0326391	0.667316	-1.49854	0.683281	1.06862	1.06862	0.722541	1.05937	1.05937
cg20357416	PCBP3;PCBP3	0.0156951	0.986222	0.997389	-1.00262	0.856338	1.02781	1.02781	0.00126044	0.490342	-2.03939	0.628288	1.07665	1.07665	0.98009	0.996229	-1.00378
cg24028798	PCBP3;PCBP3	0.0189681	0.343066	0.615255	-1.62534	0.245734	0.546782	-1.82888	0.153174	0.467367	-2.13965	0.0879536	0.392032	-2.55081	0.00190092	0.112162	-8.91566
cg06490113	PCBP3;PCBP3	0.0243916	0.101236	1.68678	1.68678	0.0665395	0.549142	-1.82102	0.266909	0.713929	-1.4007	0.0423673	1.97607	1.97607	0.00866213	0.377233	-2.65088
cg20733761	PCBP3;PCBP3	0.0346035	0.708094	1.1416	1.1416	0.164466	1.68581	1.68581	0.00771136	0.299604	-3.33773	0.325174	0.69927	-1.43006	0.375125	0.725779	-1.37783
cg21104950	PCBP3;PCBP3	0.0408307	0.60668	0.902692	-1.1078	0.0213185	0.579555	-1.72546	0.0144168	0.551842	-1.81211	0.702193	0.92706	-1.07868	0.0548003	0.650902	-1.53633
cg00735080	PCBP3;PCBP3	0.0412303	0.00366459	0.178467	-5.60327	0.585087	1.27356	1.27356	0.202003	0.55384	-1.80558	0.0149031	0.268918	-3.71861	0.0294703	0.324798	-3.07884
cg00682050	PCBP3;PCBP3	0.0489028	0.580301	0.913819	-1.09431	0.433945	1.1375	1.1375	0.0513775	1.43037	1.43037	0.998571	0.999711	-1.00029	0.24751	1.21543	1.21543
cg21120609	PCBP3;PCBP3;PCBP3;PCBP3	0.0402114	0.037159	0.348197	-2.87193	0.967343	1.01801	1.01801	0.249522	0.59169	-1.69007	0.563876	0.775381	-1.28969	0.00200432	0.149348	-6.69579
cg07309361	PCBP4	0.0154385	0.462921	1.08253	1.08253	0.00238479	1.56735	1.56735	0.046397	1.27397	1.27397	0.182582	1.16197	1.16197	0.00687803	1.44974	1.44974
cg12808661	PCBP4;ABHD14B;ABHD14B;ABHD14B	0.0361663	0.245804	0.764466	-1.3081	0.806063	0.947029	-1.05593	0.0105585	2.03753	2.03753	0.157509	0.715744	-1.39715	0.0226123	0.546603	-1.82948
cg16681130	PCCA;PCCA	4.42E-05	?	?	?	0.188247	1.37477	1.37477	0.386421	1.2247	1.2247	0.0542598	0.607346	-1.64651	2.38E-05	0.145865	-6.85566
cg10883266	PCCA;PCCA	0.000177366	0.0437372	0.867905	-1.1522	0.259136	0.930579	-1.0746	0.0479699	0.870952	-1.14817	0.0303703	1.16829	1.16829	0.0467344	0.870091	-1.14931
cg15770278	PCCA;PCCA	0.000531895	0.953765	0.990374	-1.00972	9.05E-05	0.311069	-3.21472	0.000218371	0.357624	-2.79623	0.443851	1.13909	1.13909	0.575114	1.09908	1.09908
cg19947501	PCCA;PCCA	0.000659884	0.125278	0.669394	-1.49389	0.831771	1.05281	1.05281	0.346163	0.790816	-1.26452	0.000267823	0.235308	-4.24975	0.591596	0.877201	-1.13999
cg13431811	PCCA;PCCA	0.00111632	0.637408	0.949425	-1.05327	0.656564	1.05014	1.05014	0.117781	1.20404	1.20404	0.739918	1.03709	1.03709	0.11859	1.20347	1.20347
cg25575115	PCCA;PCCA	0.00132139	0.0766435	1.26467	1.26467	0.000681193	1.85695	1.85695	0.890265	0.983675	-1.0166	0.105014	1.23518	1.23518	0.568796	0.933635	-1.07108
cg19750992	PCCA;PCCA	0.00258563	0.126865	0.737137	-1.3566	0.000268775	0.331493	-3.01665	0.000813498	0.393558	-2.54092	0.643023	1.09003	1.09003	0.731478	0.938356	-1.06569
cg01165817	PCCA;PCCA	0.00290481	0.0440625	0.643357	-1.55435	0.665878	1.08635	1.08635	0.461458	0.866817	-1.15365	0.000195591	0.302944	-3.30094	0.394911	0.846953	-1.1807
cg04766314	PCCA;PCCA	0.00370616	0.00647374	0.325653	-3.07076	0.0390328	0.469011	-2.13214	0.00380867	0.290317	-3.44451	0.10192	0.56698	-1.76373	0.000369513	0.164204	-6.08997
cg15656261	PCCA;PCCA	0.0040078	0.00931055	2.00798	2.00798	0.00152735	0.381322	-2.62245	0.00179059	0.390992	-2.5576	0.473425	0.857199	-1.16659	0.134505	1.40635	1.40635
cg24057255	PCCA;PCCA	0.00477989	0.00223918	0.702126	-1.42425	0.0657053	0.843114	-1.18608	0.00341654	0.719848	-1.38918	0.0357416	0.817164	-1.22374	0.407536	1.07251	1.07251
cg10117603	PCCA;PCCA	0.00563616	0.205763	1.18003	1.18003	0.00117612	1.80472	1.80472	0.00420274	1.60877	1.60877	0.944698	1.00864	1.00864	0.0381837	0.742335	-1.3471
cg10877050	PCCA;PCCA	0.00738545	0.000280211	0.534267	-1.87172	0.814927	0.975563	-1.02505	0.964273	0.995285	-1.00474	0.078983	1.22851	1.22851	0.848081	0.979967	-1.02044
cg02096091	PCCA;PCCA	0.016278	0.156122	0.808028	-1.23758	0.0506234	0.731305	-1.36742	0.0290196	0.696589	-1.43557	0.684195	0.944167	-1.05913	0.00213548	0.545455	-1.83333
cg22595458	PCCA;PCCA	0.0162786	0.435269	0.919294	-1.08779	0.303164	0.893377	-1.11935	0.717342	0.962298	-1.03918	0.000370555	1.82636	1.82636	0.608157	0.946801	-1.05619
cg26574777	PCCA;PCCA	0.0195131	0.228669	1.23844	1.23844	0.69281	0.934999	-1.06952	0.898945	1.02174	1.02174	0.384249	0.859835	-1.16301	0.283445	0.828087	-1.2076
cg11183144	PCCA;PCCA	0.020234	0.942019	1.02216	1.02216	0.00308283	3.38893	3.38893	0.0702021	1.8402	1.8402	0.515503	0.81981	-1.2198	0.0574754	0.523417	-1.91052
cg04921578	PCCA;PCCA	0.0212456	0.0815704	0.52043	-1.92149	0.496102	0.791505	-1.26342	0.00699801	0.307269	-3.25447	0.0190795	0.382927	-2.61147	0.00383836	0.267552	-3.73758
cg23837612	PCCA;PCCA	0.0300188	0.324409	0.717326	-1.39407	0.837231	0.935052	-1.06946	0.927858	1.03	1.03	0.949236	0.979429	-1.021	0.000805269	0.191896	-5.21115
cg09194815	PCCA;PCCA	0.03117	0.613591	0.852684	-1.17277	0.472448	1.25701	1.25701	0.991424	1.00337	1.00337	0.16661	1.58658	1.58658	0.0150561	0.392527	-2.5476
cg15559940	PCCA;PCCA	0.0314314	0.118148	0.738767	-1.35361	0.0056855	1.9104	1.9104	0.382135	0.852184	-1.17346	0.274577	1.22491	1.22491	0.256159	0.80935	-1.23556
cg05563033	PCCA;PCCA	0.0348611	0.0148417	0.128642	-7.77351	0.835385	0.867291	-1.15302	0.470291	0.604961	-1.653	0.0462203	0.209558	-4.77195	0.139385	0.336737	-2.96968
cg01488659	PCCA;PCCA	0.0372216	0.168096	0.823315	-1.2146	0.220177	0.843146	-1.18603	0.00360927	0.593671	-1.68443	0.108729	0.793315	-1.26053	0.0296488	0.712599	-1.40331
cg23020977	PCCA;PCCA	0.0386472	?	?	?	0.429391	1.26941	1.26941	0.0623364	0.514992	-1.94178	0.313745	0.732865	-1.36451	0.175133	1.55014	1.55014
cg25221774	PCCA;PCCA	0.0397287	0.0227538	0.221903	-4.50647	0.119946	0.393889	-2.53878	0.578444	1.36342	1.36342	0.0221105	0.219702	-4.55162	0.0723856	0.330451	-3.02617
cg04494562	PCCA;PCCA	0.0428329	0.0663588	0.124239	-8.049	0.571875	0.560702	-1.78348	0.918353	1.10944	1.10944	0.046035	0.098699	-10.1318	0.206013	0.258959	-3.86162
cg18970151	PCCA;PCCA	0.0481063	0.0402969	0.171154	-5.8427	0.734111	0.77567	-1.28921	0.698194	1.33687	1.33687	0.0730325	0.225422	-4.43612	0.0772018	0.23132	-4.32301
cg02771673	PCCA;PCCA	0.0486776	0.0268416	0.219878	-4.54798	0.152841	0.412982	-2.42141	0.0368141	0.246389	-4.05863	0.295903	0.534698	-1.87021	0.00541702	0.120742	-8.2821
cg18834544	PCCA;PCCA	0.0494444	0.170106	0.551525	-1.81315	0.306792	1.53862	1.53862	0.787034	0.89558	-1.11659	0.0791563	0.452122	-2.21179	0.00244272	0.179533	-5.56999
cg23440144	PCCB	0.000526967	0.0133841	0.73149	-1.36707	0.818653	1.02372	1.02372	0.00366523	0.669627	-1.49337	0.398292	0.915512	-1.09229	0.0143603	0.734872	-1.36078
cg06022884	PCCB	0.00129895	0.00962957	0.546508	-1.8298	0.00437772	2.01725	2.01725	0.212532	0.784976	-1.27392	0.114891	0.728975	-1.37179	7.14E-05	0.263274	-3.79832
cg10504062	PCCB	0.00304515	0.0117507	0.623461	-1.60395	0.474297	1.11543	1.11543	0.00210407	1.9142	1.9142	0.903207	0.981902	-1.01843	0.057002	0.723751	-1.38169
cg26682118	PCCB	0.0125411	0.739624	1.04368	1.04368	0.0231991	0.706221	-1.41599	0.331109	0.879391	-1.13715	0.00258922	1.70763	1.70763	0.0281744	1.39405	1.39405
cg18457113	PCCB	0.0288978	0.931833	0.977099	-1.02344	0.000668843	4.09455	4.09455	0.923188	1.02646	1.02646	0.779044	0.926663	-1.07914	0.947063	0.98218	-1.01814
cg26010175	PCCB	0.0317135	0.511341	0.862605	-1.15928	0.425662	1.19781	1.19781	0.839699	0.956057	-1.04596	0.0468882	1.65659	1.65659	0.0031797	0.409057	-2.44465
cg11022519	PCCB	0.0448224	0.0159138	0.437985	-2.28318	0.401617	0.786594	-1.2713	0.0187194	0.45081	-2.21823	0.744864	0.912739	-1.0956	0.332529	1.3225	1.3225
cg27018461	PCCB	0.0473188	0.926776	1.01735	1.01735	0.168703	0.75995	-1.31588	0.0144868	1.75743	1.75743	0.0511688	1.51536	1.51536	0.67407	1.08239	1.08239
cg07366082	PCDH1	0.0286205	0.512128	0.905899	-1.10388	0.0792916	0.748584	-1.33586	0.0297932	0.68379	-1.46244	0.503605	0.904031	-1.10616	0.664917	1.06692	1.06692
cg14795750	PCDH10;PCDH10;PCDH10;PCDH10	0.00799585	0.780889	1.1614	1.1614	0.949974	1.03424	1.03424	0.135132	0.421372	-2.3732	9.24E-05	0.0236362	-42.3081	0.360688	0.603984	-1.65567
cg00072839	PCDH11X	0.0114656	0.263563	0.65168	-1.53449	0.00275022	4.56337	4.56337	0.00347412	4.29439	4.29439	0.0924159	1.97476	1.97476	0.851048	1.07151	1.07151
cg18528145	PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X	0.000516172	0.000150261	0.288532	-3.46581	0.00172686	0.425835	-2.34833	0.00918543	0.531718	-1.8807	0.0400078	0.635566	-1.5734	0.00151064	0.417789	-2.39355
cg05875427	PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X;PCDH11X	0.000560529	0.00877805	1.98264	1.98264	0.000361393	0.309486	-3.23117	0.339385	0.817152	-1.22376	0.117764	0.705855	-1.41672	0.000467572	0.323682	-3.08945
cg02432075	PCDH11Y	3.94E-06	0.802671	1.02612	1.02612	0.0554209	0.799645	-1.25055	0.372113	1.09896	1.09896	0.591479	1.05738	1.05738	0.0636367	1.23954	1.23954
cg13884608	PCDH11Y	0.001026	0.347843	0.782542	-1.27789	0.00186285	0.326308	-3.06459	0.0049862	0.389527	-2.56722	0.000838547	0.279523	-3.57752	0.00686162	0.411426	-2.43057
cg26468696	PCDH12	2.94E-05	0.000139438	0.361691	-2.76479	0.0210733	0.651288	-1.53542	0.0373669	0.68838	-1.45269	0.827994	1.0342	1.0342	0.000190954	0.378478	-2.64216
cg04797496	PCDH12	0.0184795	0.00380782	0.494327	-2.02295	0.736646	1.06283	1.06283	0.86842	1.03039	1.03039	0.124148	0.740367	-1.35068	0.00631861	0.526217	-1.90036
cg17917922	PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15	0.00995011	0.820016	1.02913	1.02913	0.0396631	0.74099	-1.34955	0.0277092	0.72041	-1.3881	0.707257	0.953573	-1.04869	0.00627537	0.638462	-1.56626
cg02613108	PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15	0.0182824	0.962123	0.990132	-1.00997	0.265341	1.27429	1.27429	0.00436878	2.21445	2.21445	0.638348	1.10391	1.10391	0.214833	1.31346	1.31346
cg27329559	PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15	0.0277413	0.00804483	0.35555	-2.81254	0.345944	0.744062	-1.34397	0.0781635	0.550974	-1.81497	0.27973	0.710162	-1.40813	0.00298151	0.289105	-3.45895
cg18332480	PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15	0.0441304	0.184539	0.789862	-1.26604	0.933891	1.014	1.014	0.621961	1.08687	1.08687	0.0582087	0.698519	-1.4316	0.00595875	0.547356	-1.82697
cg25035332	PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15;PCDH15	0.0470199	0.250783	1.41286	1.41286	0.0138471	0.416456	-2.40121	0.0204434	0.447285	-2.23571	0.111211	1.64827	1.64827	0.929257	0.97475	-1.0259
cg15112032	PCDH17	0.000528808	0.0414096	1.30463	1.30463	0.0324916	1.32707	1.32707	0.0627157	1.26715	1.26715	3.62E-05	0.40669	-2.45887	0.00780562	1.47122	1.47122
cg20594465	PCDH17	0.00488185	0.656821	1.07133	1.07133	0.0326636	0.680342	-1.46985	0.0227581	0.657041	-1.52197	0.00647594	0.579617	-1.72528	0.00699676	1.71157	1.71157
cg25891355	PCDH17	0.014125	0.693623	1.05448	1.05448	0.748699	1.04401	1.04401	0.178579	1.21104	1.21104	0.000799754	1.97044	1.97044	0.0235661	0.696083	-1.43661
cg19637591	PCDH17	0.0394441	0.0108593	0.379245	-2.63682	0.0260539	0.449066	-2.22684	0.0569997	0.520552	-1.92104	0.807972	0.928845	-1.07661	0.0571453	0.520802	-1.92012
cg22840780	PCDH17	0.0410193	0.150001	0.705422	-1.41759	0.00275291	0.392923	-2.54503	0.00884757	0.470702	-2.12449	0.457689	0.842813	-1.1865	0.413903	0.827896	-1.20788
cg13806135	PCDH17	0.0455693	0.182954	1.25623	1.25623	0.829595	0.965806	-1.03541	0.00568642	1.79593	1.79593	0.244668	1.21709	1.21709	0.0477253	0.693874	-1.44118
cg00208153	PCDH17;PCDH17	0.00227329	0.0590948	0.721236	-1.38651	0.951186	1.00943	1.00943	6.43E-05	3.0842	3.0842	0.00306338	1.86224	1.86224	0.988024	1.0023	1.0023
cg11988101	PCDH18	0.00932354	0.11601	0.72547	-1.37842	0.00783212	0.526665	-1.89874	0.000313019	0.33357	-2.99787	0.0553391	0.66493	-1.50392	0.149377	0.747934	-1.33702
cg12033966	PCDH18;PCDH18	0.0052029	0.0193275	0.420293	-2.37929	0.319157	1.37087	1.37087	0.299211	1.39051	1.39051	0.318381	0.72907	-1.37161	0.497055	0.809558	-1.23524
cg18442183	PCDH19;PCDH19	0.000123354	0.875263	0.97889	-1.02157	3.90E-05	0.343092	-2.91467	0.023436	0.692314	-1.44443	0.000986388	0.514231	-1.94465	4.32E-05	0.348257	-2.87144
cg26624672	PCDH19;PCDH19	0.0046365	0.270427	1.40465	1.40465	0.0784626	0.560573	-1.78389	0.576231	0.84603	-1.18199	0.0107367	0.387013	-2.58389	0.00125185	0.247694	-4.03723
cg13775533	PCDH19;PCDH19	0.0166496	0.178061	3.82493	3.82493	0.342425	2.5017	2.5017	0.545364	1.77489	1.77489	0.400477	2.24072	2.24072	0.221416	3.33646	3.33646
cg01353903	PCDH19;PCDH19	0.0212557	0.036652	5.7005	5.7005	?	?	?	0.924496	1.07032	1.07032	0.562046	1.52234	1.52234	0.585099	1.4847	1.4847
cg03598440	PCDH19;PCDH19	0.0227491	0.0739792	5.21216	5.21216	0.805029	1.22758	1.22758	0.628623	1.4979	1.4979	0.470433	1.83814	1.83814	0.789076	1.24893	1.24893
cg14725392	PCDH19;PCDH19	0.0239153	0.016053	0.292791	-3.41541	0.188772	1.78668	1.78668	0.0173822	3.34408	3.34408	0.445376	1.383	1.383	0.118273	0.493175	-2.02768
cg26011713	PCDH19;PCDH19	0.0368353	0.162101	2.79254	2.79254	0.31697	2.03746	2.03746	0.468167	1.66167	1.66167	0.28962	2.13011	2.13011	0.969327	1.02681	1.02681
cg03035653	PCDH19;PCDH19	0.0368781	0.0959884	7.35954	7.35954	0.524819	2.02102	2.02102	0.724057	1.47257	1.47257	0.692923	1.54239	1.54239	0.935578	1.09228	1.09228
cg14540821	PCDH1;PCDH1	0.00136664	0.000351712	0.628186	-1.59188	0.925275	1.00762	1.00762	0.00139975	1.45452	1.45452	0.00766511	0.757709	-1.31977	0.0446502	0.829747	-1.20519
cg16500054	PCDH1;PCDH1	0.00368403	0.00271809	0.333721	-2.99652	0.815299	1.06399	1.06399	0.471318	1.21437	1.21437	0.777836	0.927764	-1.07786	0.032342	0.514667	-1.94301
cg09881017	PCDH1;PCDH1	0.0123616	0.862626	0.971081	-1.02978	0.00627873	1.8281	1.8281	0.132071	1.31707	1.31707	0.189999	0.790416	-1.26516	0.19242	0.791545	-1.26335
cg08517072	PCDH1;PCDH1	0.0174785	0.784081	0.946941	-1.05603	0.34249	1.21425	1.21425	0.00768119	1.97387	1.97387	0.0901523	1.44876	1.44876	0.497173	0.872123	-1.14663
cg15646543	PCDH1;PCDH1	0.0271201	0.236488	0.547698	-1.82582	0.091615	2.46339	2.46339	0.0589496	2.81553	2.81553	0.719634	0.839504	-1.19118	0.121888	0.443166	-2.25649
cg02499614	PCDH1;PCDH1	0.0422142	0.0456742	0.672702	-1.48654	0.200184	1.26383	1.26383	0.687941	0.932522	-1.07236	0.405716	1.15857	1.15857	0.0370476	0.657732	-1.52038
cg11106252	PCDH1;PCDH1	0.0487434	0.353037	0.882633	-1.13297	0.138267	0.811804	-1.23182	0.230381	0.848411	-1.17867	0.65838	0.943524	-1.05986	0.878804	0.980262	-1.02014
cg12581627	PCDH20	5.99E-06	0.680093	1.0653	1.0653	0.514322	0.904034	-1.10615	0.271385	1.19087	1.19087	0.0618636	1.37823	1.37823	0.258511	0.835386	-1.19705
cg15839219	PCDH20	0.00186738	0.150599	0.687832	-1.45384	0.112903	0.657631	-1.52061	0.408197	0.814259	-1.22811	0.92102	1.02438	1.02438	0.00397053	0.390319	-2.56201
cg13141283	PCDH20	0.00259396	0.729037	1.16011	1.16011	0.0308216	0.338577	-2.95354	0.90334	0.949438	-1.05325	0.988215	0.993712	-1.00633	0.77011	0.88237	-1.13331
cg17903776	PCDH20	0.00319231	0.108571	0.67731	-1.47643	0.378062	0.817648	-1.22302	0.362145	0.811797	-1.23184	0.392814	0.822947	-1.21515	0.0529246	0.612828	-1.63178
cg05034702	PCDH20	0.00487572	0.0357241	0.266754	-3.74877	0.106393	0.394464	-2.53509	0.433633	1.50845	1.50845	0.0288511	0.246421	-4.0581	0.278216	0.557593	-1.79342
cg03583571	PCDH20	0.0130068	0.778942	0.957965	-1.04388	0.00283553	1.87239	1.87239	0.0367618	1.44808	1.44808	0.243507	0.830086	-1.20469	0.0895951	1.33056	1.33056
cg09384787	PCDH20	0.0194703	0.514761	1.2681	1.2681	0.00552916	3.70991	3.70991	0.00467395	3.86594	3.86594	0.0701021	2.07111	2.07111	0.45305	1.31632	1.31632
cg02246190	PCDH20	0.0239044	0.0229704	0.203391	-4.91664	0.0430236	3.90904	3.90904	0.984582	1.01138	1.01138	0.960362	0.971319	-1.02953	0.0161161	0.178356	-5.60675
cg00245538	PCDH20	0.0481253	0.746927	1.11294	1.11294	0.171537	0.618109	-1.61784	0.259503	0.677893	-1.47516	0.0419624	0.460861	-2.16985	0.25901	0.677598	-1.4758
cg18671854	PCDH20;PCDH20	6.74E-06	0.488292	1.06345	1.06345	0.0783029	1.18637	1.18637	0.878045	0.986673	-1.01351	0.153998	1.14265	1.14265	0.135471	0.868843	-1.15096
cg12525584	PCDH20;PCDH20	3.00E-05	0.0423968	1.18877	1.18877	0.377252	0.935172	-1.06932	0.425157	1.0621	1.0621	0.0717321	1.16037	1.16037	0.00112818	1.42553	1.42553
cg27265630	PCDH21	0.00177748	0.148421	0.827164	-1.20895	0.0972771	1.24952	1.24952	0.874093	0.980775	-1.0196	0.249536	0.863021	-1.15872	3.95E-05	0.381919	-2.61836
cg26717133	PCDH21	0.0054948	0.00987979	0.318709	-3.13766	0.000543993	0.151802	-6.58755	0.0525712	0.46161	-2.16633	0.0487833	0.454153	-2.2019	0.0250871	0.392723	-2.54632
cg06481887	PCDH21	0.00665867	0.361608	0.863174	-1.15852	0.126442	1.29616	1.29616	0.000381473	0.410615	-2.43537	0.55879	0.911408	-1.0972	0.272772	0.836027	-1.19613
cg12353636	PCDH21	0.00787722	0.312318	0.810901	-1.2332	0.888142	1.02863	1.02863	0.137119	0.725326	-1.37869	0.285452	0.80052	-1.24919	0.0710046	0.667306	-1.49856
cg18311678	PCDH21	0.00990105	0.0242123	0.552047	-1.81144	0.00679582	0.460467	-2.17171	0.0789358	0.649624	-1.53935	0.776093	1.06508	1.06508	0.0137318	0.509823	-1.96146
cg14990643	PCDH21	0.0327221	0.0191553	0.430016	-2.32549	0.707769	0.893945	-1.11864	0.0699592	0.547031	-1.82805	0.845616	1.05976	1.05976	0.0123748	0.395719	-2.52704
cg15101985	PCDH21	0.0350306	0.0777082	0.768001	-1.30208	0.860088	1.02404	1.02404	0.00331406	0.583642	-1.71338	0.383483	1.12785	1.12785	0.324895	0.87209	-1.14667
cg16807687	PCDH21	0.0402976	0.598445	0.887901	-1.12625	0.134141	0.696701	-1.43534	0.0536824	0.612527	-1.63258	0.751932	1.07352	1.07352	0.155439	1.40506	1.40506
cg03541835	PCDH21	0.0452529	0.0129461	0.270814	-3.69258	0.865378	1.0745	1.0745	0.0681955	0.421132	-2.37455	0.169105	0.537725	-1.85969	0.00811635	0.238044	-4.20091
cg24196693	PCDH21	0.0457848	0.120687	3.65168	3.65168	0.603463	1.4967	1.4967	0.0837399	4.36154	4.36154	0.0743219	4.61925	4.61925	0.0180874	9.10984	9.10984
cg04411454	PCDH21	0.0490533	0.015319	0.162981	-6.13567	0.0410035	0.237596	-4.20882	0.0533972	0.262571	-3.80849	0.0893446	0.319302	-3.13183	0.0180625	0.173739	-5.75574
cg05520500	PCDH24	1.87E-05	4.46E-06	0.206479	-4.84311	0.113945	1.29294	1.29294	0.0663367	0.735159	-1.36025	0.0836511	1.33114	1.33114	1.80E-05	0.270317	-3.69936
cg25510201	PCDH24	6.40E-05	4.15E-05	0.279487	-3.57798	6.74E-05	0.303833	-3.29128	0.87767	0.975169	-1.02546	0.00286701	1.95355	1.95355	0.0555004	0.701682	-1.42515
cg08747807	PCDH24	0.000175424	0.00825915	0.605015	-1.65285	0.285576	0.847894	-1.17939	0.203598	0.819033	-1.22095	0.00133323	2.00169	2.00169	0.00518697	0.57759	-1.73133
cg13910989	PCDH24	0.000314541	8.63E-05	0.272107	-3.67502	0.00273351	2.14679	2.14679	0.0726891	1.44751	1.44751	0.99245	1.00175	1.00175	0.552191	1.11749	1.11749

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07151565	0.464348	1.4851	1.4851	0.644085	0.781097	-1.28025	0.077171	2.83918	2.83918	0.938232	0.959678	-1.04202	4.17971	18.6685	3.97019	1
cg19787841	0.00892119	0.478875	-2.08823	0.789429	0.942483	-1.06103	0.0595557	0.624616	-1.60098	0.422281	1.19891	1.19891	4.14252	3.2136	0.689565	1
cg21610297	0.172438	0.58264	-1.71633	0.0467396	0.428712	-2.33257	0.021817	2.78394	2.78394	0.526079	1.26994	1.26994	3.69862	8.10534	1.94795	1
cg08802944	0.914274	1.02985	1.02985	0.47375	0.819546	-1.22019	0.010708	2.40152	2.40152	0.602182	0.866194	-1.15448	5.52615	6.52934	1.05025	1
cg11121969	0.0902352	0.744782	-1.34268	1.93E-05	3.93145	3.93145	0.342784	1.16679	1.16679	0.00329953	1.88086	1.88086	20.2958	8.00665	0.350664	1
cg01709871	0.0076238	1.59175	1.59175	0.000431308	2.12652	2.12652	0.546826	0.920706	-1.08612	0.246022	0.848418	-1.17866	9.43668	2.74365	0.258438	1
cg23272214	0.00654488	1.4108	1.4108	0.000639947	1.66639	1.66639	0.961994	1.00465	1.00465	0.841959	0.980739	-1.01964	9.17049	1.37858	0.133624	1
cg05096800	0.672384	1.15961	1.15961	0.0772693	0.50467	-1.98149	0.259843	0.664171	-1.50564	0.636341	0.847198	-1.18036	7.48506	14.3693	1.70643	1
cg11375616	0.36995	0.897124	-1.11467	0.9982	0.999734	-1.00027	0.00500255	1.54951	1.54951	0.239396	0.864793	-1.15635	6.81571	1.50069	0.195716	1
cg21100167	0.127322	1.45791	1.45791	0.0545177	1.64668	1.64668	0.000980579	3.06705	3.06705	0.629252	1.11765	1.11765	6.76276	5.59949	0.73599	1
cg00551153	0.716104	0.942147	-1.06141	0.918791	1.01678	1.01678	0.343259	0.852731	-1.1727	0.0788912	0.727329	-1.37489	5.96144	2.51369	0.374808	1
cg02571448	0.0450574	1.45071	1.45071	0.000512224	2.40511	2.40511	0.0520238	1.42991	1.42991	0.478928	1.1235	1.1235	5.64516	2.34013	0.368478	1
cg20357416	0.523899	1.10272	1.10272	0.0036878	1.81145	1.81145	0.707311	1.05876	1.05876	0.452696	1.12278	1.12278	5.10352	1.85228	0.322614	1
cg24028798	0.314359	0.596073	-1.67765	0.00116213	0.0933024	-10.7178	0.785321	0.873042	-1.14542	0.231947	0.536114	-1.86527	4.78978	18.7581	3.48113	1
cg06490113	0.286313	0.724274	-1.38069	0.167353	1.53541	1.53541	0.0647519	1.83004	1.83004	0.584009	0.851217	-1.17479	4.39468	5.90734	1.19485	1
cg20733761	0.0805989	1.97843	1.97843	0.0287904	2.47907	2.47907	0.0836853	1.96211	1.96211	0.661753	1.16766	1.16766	3.8831	7.62426	1.74529	1
cg21104950	0.0996173	0.70062	-1.42731	0.0421076	1.58669	1.58669	0.477481	1.15302	1.15302	0.516191	0.878295	-1.13857	3.65532	2.24991	0.547126	1
cg00735080	0.190167	0.544134	-1.83778	0.422836	0.698318	-1.43201	0.677414	0.832362	-1.2014	0.0641494	0.401559	-2.49029	3.64219	11.0971	2.70828	1
cg00682050	0.424504	1.14066	1.14066	0.00215002	2.00448	2.00448	0.217621	0.81116	-1.2328	0.54375	0.905595	-1.10425	3.41679	1.40901	0.36656	1
cg21120609	0.231704	0.578702	-1.728	0.117084	0.476011	-2.10079	0.243766	1.70198	1.70198	0.0877924	0.439717	-2.27419	3.67599	11.0695	2.67671	1
cg07309361	0.888721	1.01497	1.01497	0.991374	0.998853	-1.00115	0.0633432	0.801226	-1.24809	0.041927	1.28251	1.28251	5.13151	0.915436	0.158573	1
cg12808661	0.0964097	0.667717	-1.49764	0.0263915	0.558464	-1.79063	0.395684	0.824925	-1.21223	0.530085	0.868719	-1.15112	3.82143	2.963	0.689214	1
cg16681130	2.06E-06	0.0693237	-14.4251	0.921676	1.02271	1.02271	0.592228	0.883884	-1.13137	0.0309585	0.560851	-1.78301	28.222	20.7067	0.733707	1
cg10883266	0.00934435	0.817531	-1.2232	4.06E-06	0.520277	-1.92205	0.911156	0.993202	-1.00684	0.0101026	1.21939	1.21939	18.9785	1.12265	0.0525813	1
cg15770278	0.8071	1.04165	1.04165	0.00226497	2.03928	2.03928	0.0608896	0.702972	-1.42253	0.099552	0.739972	-1.3514	14.0473	6.19146	0.391786	1
cg19947501	0.000219536	0.225386	-4.43683	0.651402	0.895809	-1.11631	0.194712	0.717603	-1.39353	6.65E-05	0.170546	-5.86352	13.2277	12.2599	0.823852	1
cg13431811	0.0326472	1.31429	1.31429	1.83E-05	2.59935	2.59935	0.0374685	0.768034	-1.30202	0.0860527	1.23042	1.23042	11.4044	2.1584	0.168232	1
cg25575115	0.00156882	1.71874	1.71874	0.000345314	1.98699	1.98699	0.000644656	1.86687	1.86687	0.450847	1.09593	1.09593	10.8682	2.44712	0.200146	1
cg19750992	0.166543	1.31318	1.31318	0.0525099	1.50263	1.50263	0.158874	0.75719	-1.32067	0.153033	0.753786	-1.32664	8.94289	4.83212	0.480294	1
cg01165817	0.000498256	0.353981	-2.82501	0.188702	0.766831	-1.30407	0.931565	1.01651	1.01651	0.0136979	0.559255	-1.78809	8.64041	4.97341	0.511644	1
cg04766314	0.208917	0.657171	-1.52167	0.00231855	0.259637	-3.85153	0.581557	0.838269	-1.19293	0.00704775	0.33157	-3.01595	8.03479	12.7828	1.41416	1
cg15656261	0.676377	1.09276	1.09276	0.233577	1.30202	1.30202	0.125189	0.704178	-1.42009	0.259854	1.28194	1.28194	7.84788	5.55047	0.628673	1
cg24057255	0.378738	0.928097	-1.07747	0.0103059	1.30617	1.30617	0.353329	0.924123	-1.08211	0.0123439	0.77304	-1.29359	7.44001	0.804505	0.0961175	1
cg10117603	0.0751333	1.2786	1.2786	0.020208	1.41531	1.41531	0.202288	0.846238	-1.1817	0.0472199	1.32524	1.32524	7.0742	1.72318	0.216522	1
cg10877050	0.0937727	1.21464	1.21464	0.0627082	1.2473	1.2473	0.125806	0.839635	-1.19099	0.90102	1.01322	1.01322	6.50528	1.14705	0.156735	1
cg02096091	0.261192	0.848213	-1.17895	0.00251808	0.554679	-1.80285	0.681583	0.943688	-1.05967	0.0192881	0.671912	-1.48829	5.042	1.57613	0.277867	1
cg22595458	0.154965	0.851376	-1.17457	0.45152	0.922112	-1.08447	0.383056	1.09917	1.09917	0.742781	0.965787	-1.03543	5.04194	0.892351	0.157321	1
cg26574777	0.00120839	0.448281	-2.23074	0.0349911	1.5157	1.5157	0.410404	0.867193	-1.15315	0.0433528	0.674808	-1.4819	4.74408	2.15285	0.403376	1
cg11183144	0.891049	0.959546	-1.04216	0.039662	0.488314	-2.04786	0.0860833	1.77086	1.77086	0.335432	0.741342	-1.3489	4.686	6.73795	1.27812	1
cg04921578	0.386714	0.740668	-1.35013	0.208115	0.63825	-1.56678	0.695536	1.14233	1.14233	0.00993478	0.332283	-3.00949	4.60869	8.35538	1.61152	1
cg23837612	0.816659	1.07876	1.07876	0.244379	1.48821	1.48821	0.61256	1.18142	1.18142	0.0499204	0.481924	-2.07502	4.08592	6.8965	1.50033	1
cg09194815	0.0724781	0.534043	-1.87251	0.00306955	0.281179	-3.55645	0.556767	1.20445	1.20445	0.24034	0.680614	-1.46926	4.03156	6.25488	1.37909	1
cg15559940	0.163336	1.30408	1.30408	0.301634	1.21043	1.21043	0.040049	1.52723	1.52723	0.110277	0.733012	-1.36423	4.01956	2.02738	0.448336	1
cg05563033	0.0561829	0.227679	-4.39214	0.00456064	0.0754066	-13.2614	0.0131306	0.121905	-8.20309	0.126955	0.32319	-3.09415	3.8727	28.7175	6.59145	1
cg01488659	0.214338	0.841119	-1.18889	0.188307	0.831522	-1.20261	0.156056	0.81804	-1.22243	0.00500467	0.611679	-1.63484	3.78162	1.04911	0.2466	1
cg23020977	0.016065	0.371348	-2.69289	0.0148767	2.74799	2.74799	0.769283	1.08977	1.08977	0.27073	0.709213	-1.41001	5.47782	6.02392	0.687309	1
cg25221774	0.0540962	0.298983	-3.34467	0.0088892	0.159024	-6.28837	0.0407744	0.271355	-3.68521	0.120166	0.394143	-2.53715	3.69238	17.8366	4.29391	1
cg04494562	0.0445302	0.0966574	-10.3458	0.00290513	0.0158391	-63.1349	0.0283451	0.0726989	-13.7554	0.142234	0.202325	-4.94254	3.59105	58.3421	14.4414	1
cg18970151	0.0729269	0.225271	-4.4391	0.00514411	0.0637144	-15.695	0.0228281	0.131382	-7.61138	0.278214	0.431648	-2.3167	3.43809	30.2306	7.81587	1
cg02771673	0.643525	0.764008	-1.30889	0.0868298	0.335423	-2.98131	0.311638	1.83053	1.83053	0.117016	0.373991	-2.67386	3.42277	18.0858	4.69687	1
cg18834544	0.874489	0.93765	-1.0665	0.254687	0.616094	-1.62313	0.0811909	0.455054	-2.19754	0.0744668	0.445151	-2.24643	3.40254	8.93806	2.335	1
cg23440144	0.000432892	1.76485	1.76485	0.000233734	1.8643	1.8643	0.101913	0.832981	-1.20051	0.328294	1.10848	1.10848	14.0836	2.32383	0.146669	1
cg06022884	0.88833	1.02624	1.02624	0.0235893	0.607465	-1.64618	0.531395	1.124	1.124	0.105255	0.721545	-1.38591	10.9216	5.88083	0.47863	1
cg10504062	0.059054	0.726143	-1.37714	0.000764527	0.465179	-2.14971	0.12608	0.779994	-1.28206	0.258942	1.1934	1.1934	8.52026	3.04104	0.317261	1
cg26682118	0.1628	1.21041	1.21041	0.0347057	0.729391	-1.37101	0.216409	1.18143	1.18143	0.73681	1.04418	1.04418	5.49417	1.42942	0.231262	1
cg18457113	0.746821	1.09168	1.09168	0.0674504	0.574162	-1.74167	0.876285	1.04309	1.04309	0.328525	1.31402	1.31402	4.1414	4.80957	1.0323	1
cg26010175	0.246076	1.30886	1.30886	0.0510765	0.610806	-1.63718	0.736766	1.07773	1.07773	0.241809	1.31236	1.31236	4.00675	3.12401	0.693056	1
cg11022519	0.0625514	1.7969	1.7969	0.188188	1.47685	1.47685	0.732216	1.10081	1.10081	0.140823	0.642141	-1.55729	3.53075	4.37226	1.10074	1
cg27018461	0.465042	1.14932	1.14932	0.247288	0.797383	-1.2541	0.848484	0.964833	-1.03645	0.0100601	1.83672	1.83672	3.45959	1.91954	0.493198	1
cg07366082	0.884163	0.978563	-1.02191	0.00538885	1.72389	1.72389	0.0292177	1.46509	1.46509	0.639453	1.07265	1.07265	4.15553	1.45422	0.311064	1
cg14795750	0.935711	1.04424	1.04424	0.550138	1.38321	1.38321	0.903004	0.936676	-1.06761	0.615199	0.761889	-1.31253	6.34518	28.9333	4.05323	1
cg00072839	0.104894	0.521473	-1.91765	0.199085	0.607419	-1.64631	0.0827633	2.02562	2.02562	0.329222	1.44768	1.44768	5.65634	12.0926	1.90035	1
cg18528145	0.173554	1.3185	1.3185	0.0134856	0.557646	-1.79325	0.00727242	0.516276	-1.93695	0.000120962	0.27737	-3.60529	14.1648	8.18036	0.513345	1
cg05875427	0.11726	1.41752	1.41752	0.0357084	1.65075	1.65075	0.924926	0.980858	-1.01952	0.000764278	0.351511	-2.84486	13.8439	9.22021	0.592012	1
cg02432075	0.751458	1.03326	1.03326	0.827048	0.977718	-1.02279	2.94E-08	8.01305	8.01305	0.0209838	1.33107	1.33107	51.592	8.66549	0.149299	1
cg13884608	0.139938	0.668385	-1.49614	0.00478644	2.58549	2.58549	0.37884	1.2574	1.2574	0.00175065	0.322527	-3.10052	11.6812	11.9061	0.906009	1
cg26468696	0.00302949	0.533667	-1.87383	0.00190641	1.97325	1.97325	6.82E-06	4.67598	4.67598	0.0273928	0.668084	-1.49682	30.6116	11.5818	0.336307	1
cg04797496	0.0843581	0.708424	-1.41158	0.0330599	1.56824	1.56824	0.584792	0.905183	-1.10475	0.924881	0.983117	-1.01717	4.83216	2.49463	0.458894	1
cg17917922	0.836947	0.974367	-1.02631	0.00577979	1.57724	1.57724	0.340286	0.883522	-1.13183	0.00969101	0.662063	-1.51043	5.92008	1.48881	0.223542	1
cg02613108	0.356656	0.820396	-1.21892	0.00318275	0.431218	-2.31901	0.485419	0.862409	-1.15954	0.202374	1.32453	1.32453	4.84966	3.34917	0.613866	1
cg27329559	0.646828	0.868917	-1.15086	0.00716548	0.347325	-2.87915	0.273154	0.706551	-1.41533	0.769135	0.914258	-1.09378	4.20149	6.17302	1.306	1
cg18332480	0.121709	0.75488	-1.32471	0.030575	1.53095	1.53095	0.588631	0.912544	-1.09584	0.76223	0.950412	-1.05218	3.55134	1.5801	0.395493	1
cg25035332	0.179941	1.50706	1.50706	0.159327	1.54213	1.54213	0.783145	1.0827	1.0827	0.476708	0.811886	-1.2317	3.46786	4.55589	1.16777	1
cg15112032	0.0678399	1.26016	1.26016	0.730758	1.03983	1.03983	0.0128146	0.705052	-1.41834	0.132132	1.20168	1.20168	14.07	2.84813	0.179934	1
cg20594465	0.941759	0.988805	-1.01132	0.00273776	1.89106	1.89106	0.467668	1.1206	1.1206	0.867712	1.02602	1.02602	7.39233	2.77953	0.334224	1
cg25891355	0.0803212	0.771108	-1.29683	0.89943	1.01708	1.01708	0.170989	1.21569	1.21569	0.964445	0.994045	-1.00599	5.28442	1.50243	0.252722	1
cg19637591	0.673703	1.13699	1.13699	0.914902	0.968117	-1.03293	0.654941	0.872529	-1.14609	0.00703087	0.347732	-2.87578	3.70215	5.38802	1.29367	1
cg22840780	0.808363	1.05648	1.05648	0.0421264	0.588925	-1.69801	0.378738	0.815297	-1.22655	0.92314	0.978415	-1.02206	3.6491	2.95505	0.719824	1
cg13806135	0.0810136	0.731763	-1.36656	0.729765	1.05757	1.05757	0.43716	0.879897	-1.1365	0.420769	1.14199	1.14199	3.50895	1.44818	0.366853	1
cg00208153	0.832074	0.967966	-1.03309	0.773004	0.956623	-1.04534	0.96782	1.0062	1.0062	0.984689	1.00295	1.00295	9.28774	3.45832	0.330981	1
cg11988101	0.397651	0.849839	-1.17669	0.995276	1.00111	1.00111	0.267284	1.2425	1.2425	0.195344	0.773129	-1.29344	6.04417	3.3788	0.496905	1
cg12033966	0.000178634	0.142997	-6.99318	0.0858647	1.78891	1.78891	0.361446	0.750182	-1.33301	0.297905	1.39184	1.39184	7.24991	10.7797	1.32167	1
cg18442183	0.272649	1.16774	1.16774	0.419659	1.1185	1.1185	0.0138178	1.51175	1.51175	0.0202417	1.46266	1.46266	20.9296	6.11451	0.259686	1
cg26624672	0.0212158	2.27111	2.27111	0.00804602	2.73279	2.73279	0.721368	1.11187	1.11187	0.678162	1.13153	1.13153	7.50927	10.4283	1.23442	1
cg13775533	0.478112	1.96615	1.96615	0.000661982	132.679	132.679	0.0049597	32.7024	32.7024	0.0187845	14.4247	14.4247	5.00419	69.6504	12.3719	1
cg01353903	0.114112	3.42846	3.42846	0.00178519	24.2213	24.2213	0.00990188	10.3397	10.3397	0.0348813	5.82783	5.82783	4.69075	33.9362	7.2347	1
cg03598440	0.449953	1.89317	1.89317	0.00169743	41.1445	41.1445	0.00459544	22.8185	22.8185	0.019776	10.3129	10.3129	4.50183	49.0078	9.67661	1
cg14725392	0.00925022	0.252384	-3.96221	0.3876	0.691349	-1.44645	0.73442	0.867682	-1.1525	0.709818	1.16858	1.16858	4.42481	12.175	2.4458	1
cg26011713	0.238893	2.33634	2.33634	0.00317775	15.9905	15.9905	0.00408333	14.1733	14.1733	0.0494854	4.67429	4.67429	3.79603	28.4553	6.66317	1
cg03035653	0.974111	1.03607	1.03607	0.00357678	74.3199	74.3199	0.00660549	46.9975	46.9975	0.0272502	17.3357	17.3357	3.79442	71.6363	16.7817	1
cg14540821	0.141606	1.1365	1.1365	0.77861	0.977441	-1.02308	0.0443649	0.82948	-1.20557	0.0642467	1.18333	1.18333	10.7638	1.11732	0.0922697	1
cg16500054	0.908315	1.03101	1.03101	0.00089087	0.267351	-3.7404	0.0250246	2.02738	2.02738	0.0261839	2.01218	2.01218	8.04925	8.95712	0.989147	1
cg09881017	0.00590013	1.84112	1.84112	0.216652	0.802293	-1.24643	0.0516176	1.45552	1.45552	0.0611204	0.699371	-1.42986	5.52	2.50999	0.404186	1
cg08517072	0.241855	0.78415	-1.27527	0.0203772	1.74176	1.74176	0.012497	0.53966	-1.85302	0.0883688	1.45237	1.45237	4.9235	3.07227	0.554669	1
cg15646543	0.139242	0.461916	-2.1649	0.00691831	0.183325	-5.45479	0.0478222	2.99879	2.99879	0.614627	0.781612	-1.27941	4.23507	15.8003	3.31629	1
cg02499614	0.386294	0.857555	-1.16611	0.0120446	0.581697	-1.71911	0.0742453	1.41083	1.41083	0.314744	0.835371	-1.19707	3.61051	1.71199	0.421483	1
cg11106252	0.406169	1.11742	1.11742	0.00198957	1.76901	1.76901	0.848634	1.02528	1.02528	0.345279	0.88074	-1.13541	3.42102	0.924775	0.240286	1
cg12581627	0.00191008	1.95556	1.95556	0.193393	0.810611	-1.23364	0.599418	1.08422	1.08422	5.04E-08	17.7836	17.7836	46.3294	17.078	0.327664	1
cg15839219	0.703167	0.911203	-1.09745	0.184742	0.71058	-1.4073	7.78E-05	5.68075	5.68075	0.285716	0.763908	-1.30906	9.83629	9.19069	0.830547	1
cg13141283	0.00813817	0.235349	-4.24901	0.763533	0.879103	-1.13752	0.591073	1.26066	1.26066	8.69E-05	20.2174	20.2174	8.93441	25.8076	2.56761	1
cg17903776	0.059894	0.623403	-1.6041	0.0407084	0.590994	-1.69206	0.00012628	4.41812	4.41812	0.551385	0.874456	-1.14357	8.40147	6.59334	0.697585	1
cg05034702	?	?	?	0.138923	0.433521	-2.30669	0.000393161	32.3664	32.3664	0.356073	0.612741	-1.63201	10.6663	37.3101	2.62345	1
cg03583571	0.929831	1.01353	1.01353	0.00133661	2.03724	2.03724	0.545316	1.09791	1.09791	0.786807	1.04224	1.04224	5.42922	2.00248	0.327852	1
cg09384787	0.386127	0.726551	-1.37637	0.0381731	0.421512	-2.37241	0.374306	1.38804	1.38804	0.269486	1.51205	1.51205	4.74761	9.72079	1.82001	1
cg02246190	0.484377	0.659629	-1.516	0.027921	0.218501	-4.57664	0.0492884	3.72053	3.72053	0.212002	0.46312	-2.15927	4.42551	24.0286	4.82628	1
cg00245538	0.130353	0.582767	-1.71595	0.0416858	0.460236	-2.1728	0.0126172	2.78706	2.78706	0.275242	0.687183	-1.45522	3.43758	5.94693	1.53776	1
cg18671854	0.269322	1.10574	1.10574	0.108706	0.858242	-1.16517	5.42E-08	5.12068	5.12068	0.457587	0.936041	-1.06833	44.937	5.43356	0.10748	1
cg12525584	0.0308705	1.20626	1.20626	0.00168376	0.717407	-1.39391	8.44E-07	2.64266	2.64266	0.00507117	0.760272	-1.31532	30.4449	2.63869	0.0770411	1
cg27265630	0.184844	1.18786	1.18786	0.0337907	1.35447	1.35447	0.780008	1.03487	1.03487	0.596609	0.936705	-1.06757	9.97814	2.36806	0.210956	1
cg26717133	0.00422462	0.260929	-3.83246	0.0152204	0.351497	-2.84498	0.00365979	0.251962	-3.96886	0.163973	0.59396	-1.68362	7.12963	13.892	1.73199	1
cg06481887	0.0688358	1.37644	1.37644	0.0182692	1.56748	1.56748	0.267171	1.19887	1.19887	0.878669	0.976316	-1.02426	6.71887	2.61967	0.346576	1
cg12353636	0.00805681	1.97526	1.97526	0.00179752	2.43667	2.43667	0.020929	1.74589	1.74589	0.260565	0.790306	-1.26533	6.37508	4.06093	0.566222	1
cg18311678	0.0791274	0.649842	-1.53884	0.00238962	0.392224	-2.54957	0.00266648	0.399121	-2.50551	0.227223	0.755553	-1.32353	5.92944	4.59127	0.688283	1
cg14990643	0.666359	0.87885	-1.13785	0.00285453	0.294573	-3.39475	0.895984	1.03971	1.03971	0.90297	0.964341	-1.03698	3.96207	5.56202	1.24784	1
cg15101985	0.516586	0.915268	-1.09258	0.0206052	1.4556	1.4556	0.783117	1.03785	1.03785	0.848964	1.026	1.026	3.86591	1.10975	0.255165	1
cg16807687	0.479159	1.17463	1.17463	0.0028266	2.50932	2.50932	0.984064	0.995542	-1.00448	0.464685	0.846639	-1.18114	3.67309	2.91168	0.704628	1
cg03541835	0.138691	0.509158	-1.96403	0.0127039	0.269422	-3.71166	0.252135	0.602539	-1.65964	0.151205	0.521349	-1.9181	3.51813	9.99255	2.52471	1
cg24196693	0.257348	2.48349	2.48349	0.0130339	10.7025	10.7025	0.00717764	14.4539	14.4539	0.890749	0.899641	-1.11155	3.50275	32.8524	8.33693	1
cg04411454	0.127667	0.366482	-2.72865	0.0176666	0.172256	-5.8053	0.999189	0.999381	-1.00062	0.108005	0.343448	-2.91165	3.41281	20.0747	5.2286	1
cg05520500	9.41E-06	0.239737	-4.17124	0.0265135	0.675076	-1.48131	0.906597	0.982617	-1.01769	0.00022429	0.399606	-2.50247	34.4699	12.1854	0.31423	1
cg25510201	0.487423	1.12206	1.12206	2.87E-05	0.261428	-3.82515	0.00145716	0.472115	-2.11813	0.0103293	0.590116	-1.69458	24.9372	10.5245	0.375147	1
cg08747807	0.0029087	0.544033	-1.83812	9.55E-06	0.241899	-4.13396	0.00257127	0.536948	-1.86238	0.164885	0.802188	-1.24659	19.0351	6.67216	0.311572	1
cg13910989	0.0526065	1.5023	1.5023	0.00200929	2.23695	2.23695	0.00140599	2.34948	2.34948	0.0103245	0.550548	-1.81637	16.2383	8.77379	0.48028	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04002144	PCDH24	0.00106939	0.0113998	0.382802	-2.61232	0.406276	0.772901	-1.29383	0.0330447	0.469659	-2.1292	0.461467	0.796667	-1.25523	0.000202881	0.151189	-6.61423
cg05712973	PCDH24	0.00169838	0.0184366	0.459708	-2.17529	0.268502	0.731031	-1.36793	0.00195448	0.304081	-3.2886	0.00313522	0.333569	-2.99788	0.00113359	0.272025	-3.67614
cg15901722	PCDH24	0.0055748	0.00266252	0.216396	-4.62115	0.234286	0.631723	-1.58297	0.0337658	0.401221	-2.49239	0.0865243	0.49783	-2.00872	0.00137722	0.180972	-5.52573
cg18615402	PCDH24	0.00958419	0.287097	0.478792	-2.08859	0.0191321	0.151188	-6.61427	0.00577072	0.0898009	-11.1357	0.292482	0.48302	-2.07031	0.000598634	0.0293431	-34.0796
cg10462998	PCDH24	0.0130403	0.21049	0.803437	-1.24465	0.906248	1.01973	1.01973	0.398703	0.866487	-1.15409	0.202224	0.799858	-1.25022	0.00343693	0.517298	-1.93312
cg17979595	PCDH24	0.0155434	0.0496252	0.240953	-4.15018	0.0865492	0.300301	-3.32999	0.0621463	0.263333	-3.79747	0.0626976	0.264254	-3.78424	0.00832641	0.117318	-8.52381
cg26326382	PCDH24	0.0289548	0.0723525	0.637392	-1.56889	0.0400963	0.586974	-1.70365	0.00225386	0.382824	-2.61217	0.911039	1.02542	1.02542	0.0539849	0.611836	-1.63442
cg17670890	PCDH24	0.0392463	0.0337819	0.246105	-4.06331	0.0397124	0.260518	-3.83851	0.130212	0.396741	-2.52053	0.079521	0.332601	-3.00661	0.00918733	0.153996	-6.49366
cg07562487	PCDH7	0.00171877	0.00225893	0.238541	-4.19216	0.00172101	0.22309	-4.48249	0.00869726	0.325832	-3.06907	0.0997039	0.54603	-1.8314	0.000394406	0.15062	-6.63923
cg01957786	PCDH7	0.00517891	0.00133012	0.453913	-2.20306	0.0399505	0.669064	-1.49462	0.703974	1.06674	1.06674	0.00576392	0.542069	-1.84478	0.00554452	0.539665	-1.853
cg24405911	PCDH7	0.0341423	0.0698048	0.536119	-1.86526	0.726765	1.11389	1.11389	0.245098	0.688104	-1.45327	0.26331	0.698697	-1.43123	0.0013173	0.237623	-4.20834
cg26528531	PCDH7	0.0360706	0.0911026	0.648435	-1.54217	0.0260266	0.540695	-1.84947	0.592228	1.13411	1.13411	0.173174	0.71364	-1.40127	0.926249	1.02178	1.02178
cg01938650	PCDH7;PCDH7;PCDH7	0.000194849	0.491047	1.05006	1.05006	0.169715	1.10754	1.10754	9.48E-05	1.62514	1.62514	0.93392	1.00581	1.00581	0.12248	1.12398	1.12398
cg05431842	PCDH7;PCDH7;PCDH7	0.00160075	0.00483016	0.545293	-1.83388	0.00766701	0.573532	-1.74358	0.0209414	0.637177	-1.56942	0.384945	1.15547	1.15547	0.0054957	0.553128	-1.8079
cg24219058	PCDH7;PCDH7;PCDH7	0.00395731	0.15848	0.908294	-1.10097	0.00197264	1.3218	1.3218	0.00676176	1.25108	1.25108	0.582302	0.965176	-1.03608	0.275937	0.930238	-1.07499
cg26133769	PCDH7;PCDH7;PCDH7	0.00402245	0.00020026	8.26349	8.26349	0.288821	0.689013	-1.45135	0.090106	0.531575	-1.8812	0.688887	1.14585	1.14585	0.00937716	0.328105	-3.0478
cg08671647	PCDH7;PCDH7;PCDH7	0.0109709	0.210414	0.748923	-1.33525	0.0106298	0.494739	-2.02127	0.47119	0.851658	-1.17418	0.502066	0.86136	-1.16095	0.0218151	0.54717	-1.82759
cg04105342	PCDH7;PCDH7;PCDH7	0.0155698	0.0131785	0.343237	-2.91344	0.00390094	0.258727	-3.86507	0.693968	0.871449	-1.14751	0.73445	0.888281	-1.12577	0.049194	0.457858	-2.18408
cg01532230	PCDH7;PCDH7;PCDH7	0.0311461	0.268021	0.906777	-1.10281	0.00406762	0.72101	-1.38694	0.760857	1.02623	1.02623	0.336691	1.08765	1.08765	0.0447718	0.822515	-1.21578
cg06660523	PCDH7;PCDH7;PCDH7;PCDH7;PCDH7;PCDH7	0.00565861	0.745814	1.02373	1.02373	0.00282635	1.34513	1.34513	0.112258	1.13277	1.13277	0.23949	0.915023	-1.09287	0.889822	1.01004	1.01004
cg14171414	PCDH8;PCDH8	8.42E-05	0.774004	0.957937	-1.04391	1.41E-06	6.25541	6.25541	0.00113966	2.04258	2.04258	0.0119149	1.59749	1.59749	0.0929767	0.75891	-1.31768
cg20366906	PCDH8;PCDH8	0.000743661	0.648477	0.904737	-1.10529	2.07E-05	6.51278	6.51278	0.125895	1.43507	1.43507	0.0243408	1.79561	1.79561	0.672205	0.911349	-1.09727
cg22763718	PCDH8;PCDH8	0.00555325	0.261243	1.18762	1.18762	0.017259	1.53071	1.53071	0.00233021	1.86619	1.86619	0.00802423	1.64631	1.64631	0.607684	0.926818	-1.07896
cg05336395	PCDH8;PCDH8	0.0133691	0.214036	1.89343	1.89343	0.00325345	7.0855	7.0855	0.474235	0.70108	-1.42637	0.0463286	3.04578	3.04578	0.478747	1.42105	1.42105
cg07847863	PCDH8;PCDH8	0.0184275	0.314536	0.304668	-3.28226	0.117263	6.98861	6.98861	0.541503	0.493475	-2.02644	0.357171	0.338866	-2.95102	0.198207	0.211403	-4.7303
cg25600049	PCDH8;PCDH8	0.0218033	0.0468657	0.136631	-7.31897	0.211166	3.16599	3.16599	0.724091	0.733404	-1.36351	0.379803	0.454674	-2.19938	0.0596759	0.155801	-6.41842
cg06114087	PCDH8;PCDH8	0.0233151	0.106011	0.737242	-1.35641	0.154941	0.768869	-1.30061	0.0396247	1.50812	1.50812	0.00607224	0.538669	-1.85643	0.119332	0.746875	-1.33891
cg12568898	PCDH8;PCDH8	0.0268669	0.0722025	0.731531	-1.367	0.67987	1.06678	1.06678	0.00972476	1.66449	1.66449	0.0377117	1.45574	1.45574	0.562285	0.912765	-1.09557
cg16027761	PCDH8;PCDH8	0.0293614	0.0016842	0.425383	-2.35082	0.104064	0.712925	-1.40267	0.0395134	1.57365	1.57365	0.855098	0.965792	-1.03542	0.0792398	0.690049	-1.44917
cg14950829	PCDH8;PCDH8	0.0345353	0.066004	0.162304	-6.16129	0.202606	3.27365	3.27365	0.304809	0.39186	-2.55193	0.924085	1.08766	1.08766	0.0784073	0.178424	-5.60464
cg18002116	PCDH8;PCDH8	0.0396342	0.0353322	0.122344	-8.1737	0.525227	1.73651	1.73651	0.136509	0.25281	-3.95555	0.590976	0.62809	-1.59213	0.0383368	0.127786	-7.8256
cg27360326	PCDH8;PCDH8;PCDH8;PCDH8	0.000309229	0.0910029	0.694043	-1.44083	0.568427	0.893069	-1.11973	0.386986	1.19001	1.19001	0.990673	1.0023	1.0023	0.450051	1.16298	1.16298
cg18855836	PCDH9;PCDH9	0.000376988	0.456134	0.924547	-1.08161	0.00799202	1.42103	1.42103	0.0241228	1.32045	1.32045	0.0216195	0.751941	-1.32989	0.0295412	1.30325	1.30325
cg13700000	PCDH9;PCDH9	0.00045976	0.224732	1.26382	1.26382	0.000454281	0.362614	-2.75775	6.56E-05	0.260573	-3.8377	0.11712	1.36689	1.36689	0.203663	0.781651	-1.27934
cg15401505	PCDH9;PCDH9	0.00063909	0.976481	1.00488	1.00488	9.76E-05	0.318704	-3.13771	0.00358496	0.521348	-1.91811	0.0841443	0.729398	-1.37099	0.00934208	1.72352	1.72352
cg25155679	PCDH9;PCDH9	0.00192485	0.401089	0.830684	-1.20383	0.00163176	0.377552	-2.64864	0.00352475	0.425736	-2.34887	0.72097	1.08048	1.08048	0.000167697	0.250893	-3.98577
cg15067350	PCDH9;PCDH9	0.00345102	0.669432	1.09926	1.09926	0.00194085	0.380562	-2.62769	0.0017394	0.373836	-2.67497	0.0499724	1.63653	1.63653	0.00366928	0.4208	-2.37642
cg04304255	PCDH9;PCDH9	0.00376457	0.424951	1.25089	1.25089	0.00166119	0.290489	-3.44247	0.0305086	0.497347	-2.01067	0.562256	0.851316	-1.17465	0.013762	0.43314	-2.30872
cg25631436	PCDH9;PCDH9	0.00719677	0.489404	0.914115	-1.09395	0.323763	0.877809	-1.1392	0.00705567	0.640622	-1.56098	0.402506	0.896226	-1.11579	0.000218211	0.454606	-2.19971
cg23453618	PCDH9;PCDH9	0.0109677	0.54756	0.919146	-1.08797	0.00318698	0.572415	-1.74698	0.00123399	0.519752	-1.924	0.467741	1.10778	1.10778	0.0189201	0.674509	-1.48256
cg18815589	PCDH9;PCDH9	0.0177094	0.23612	0.540259	-1.85096	0.000445076	0.0640189	-15.6204	0.072978	0.370893	-2.69619	0.936036	1.04061	1.04061	0.0530604	0.336155	-2.97482
cg20666533	PCDH9;PCDH9	0.0201949	0.822868	1.06734	1.06734	0.766066	1.0906	1.0906	0.259813	0.710588	-1.40728	0.0683858	0.552629	-1.80953	0.808479	0.931849	-1.07314
cg13798384	PCDH9;PCDH9	0.0224059	0.295223	0.612879	-1.63164	0.0238828	0.296485	-3.37285	0.33379	0.637872	-1.56771	0.520191	1.34178	1.34178	0.0842407	0.422519	-2.36676
cg06081220	PCDH9;PCDH9	0.0262752	0.247513	0.640496	-1.56129	0.00101402	0.165886	-6.02824	0.63125	0.836782	-1.19505	0.776571	0.900469	-1.11053	0.0197691	0.354465	-2.82115
cg11730458	PCDH9;PCDH9	0.0278532	0.235168	1.16223	1.16223	0.228695	1.16491	1.16491	0.0730925	1.27319	1.27319	0.573991	1.07105	1.07105	0.0558845	1.29915	1.29915
cg05022363	PCDH9;PCDH9	0.0313748	0.0410914	1.35543	1.35543	0.0148714	1.47189	1.47189	0.0565291	1.32123	1.32123	0.781209	0.964711	-1.03658	0.210402	0.843415	-1.18566
cg03693403	PCDH9;PCDH9	0.0332054	0.826453	0.958995	-1.04276	0.0820576	0.69256	-1.44392	0.0200848	0.585793	-1.70709	0.918823	1.01963	1.01963	0.821382	0.957798	-1.04406
cg19029747	PCDH9;PCDH9	0.0375754	0.376212	1.11395	1.11395	0.076792	1.26348	1.26348	0.0537153	1.29733	1.29733	0.198677	1.17516	1.17516	0.0134596	0.695175	-1.43849
cg09985739	PCDH9;PCDH9	0.0460257	0.712137	1.14858	1.14858	0.00468406	0.245346	-4.07588	0.0265179	0.374196	-2.6724	0.417962	1.36256	1.36256	0.364529	1.41661	1.41661
cg20390826	PCDH9;PCDH9	0.0488107	0.0562802	0.631749	-1.58291	0.048342	0.619202	-1.61498	0.0693015	0.649368	-1.53996	0.0754923	0.656773	-1.5226	0.00869939	0.491455	-2.03478
cg06689205	PCDH9;PCDH9;PCDH9;PCDH9	0.0300388	0.100147	1.23765	1.23765	0.0206063	0.718887	-1.39104	0.26125	0.870511	-1.14875	0.888057	1.01681	1.01681	0.0765594	1.2626	1.2626
cg11954680	PCDHA12;PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.0246723	0.0377539	3.32321	3.32321	0.0691071	2.75572	2.75572	0.237119	1.85393	1.85393	0.750777	1.17212	1.17212	0.037463	0.300193	-3.33119
cg09852127	PCDHA12;PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.0437609	0.0376732	6.81297	6.81297	0.825285	0.838647	-1.1924	0.488336	1.75121	1.75121	0.451082	1.84251	1.84251	0.235065	2.69264	2.69264
cg23490829	PCDHA1;PCDHA1	0.00177264	0.976051	1.0069	1.0069	0.00083226	0.315809	-3.16647	0.262914	0.765343	-1.3066	0.0908359	0.652578	-1.53238	0.273462	1.29839	1.29839
cg15006772	PCDHA1;PCDHA1	0.00829489	0.0177718	0.313222	-3.19263	0.0135139	3.42569	3.42569	0.126779	0.514166	-1.9449	0.219338	0.59437	-1.68245	0.0177647	0.313189	-3.19296
cg00707406	PCDHA1;PCDHA1;PCDHA1	1.58E-05	4.32E-06	6.01248	6.01248	0.0958751	1.3626	1.3626	0.0102587	1.72866	1.72866	0.0176464	0.613647	-1.6296	0.010704	1.72059	1.72059
cg12456800	PCDHA1;PCDHA1;PCDHA1	0.000247538	0.108192	1.48162	1.48162	0.267112	0.771556	-1.29608	0.651379	0.902997	-1.10742	0.133218	1.43816	1.43816	0.000218158	0.250851	-3.98643
cg12150457	PCDHA1;PCDHA1;PCDHA1	0.00126788	0.000421775	6.32174	6.32174	0.133498	1.70597	1.70597	0.0525655	2.06963	2.06963	0.0105744	2.89004	2.89004	0.437611	0.770038	-1.29864
cg12314121	PCDHA1;PCDHA1;PCDHA1	0.00801512	0.000642548	3.98008	3.98008	0.00145461	3.36267	3.36267	0.385728	1.26426	1.26426	0.0176482	2.14081	2.14081	0.0846294	1.65357	1.65357
cg11950642	PCDHA1;PCDHA1;PCDHA1	0.0119985	0.43657	1.31606	1.31606	0.395291	1.35156	1.35156	0.0262492	2.48995	2.48995	0.239386	1.53163	1.53163	0.000809658	5.74499	5.74499
cg18073390	PCDHA1;PCDHA1;PCDHA1	0.0145513	0.0849884	2.80171	2.80171	0.0132357	5.26381	5.26381	0.933873	0.956105	-1.04591	0.83687	0.894473	-1.11798	0.348672	0.593403	-1.6852
cg10645317	PCDHA1;PCDHA1;PCDHA1	0.0172598	0.00548032	2.46183	2.46183	0.0169185	2.05171	2.05171	0.266035	1.33094	1.33094	0.254931	1.34072	1.34072	0.00173368	3.01041	3.01041
cg19547547	PCDHA1;PCDHA1;PCDHA1	0.0229546	0.161513	1.72622	1.72622	0.0195326	2.80264	2.80264	0.21686	1.60716	1.60716	0.27201	1.51818	1.51818	0.122415	1.84274	1.84274
cg15116095	PCDHA1;PCDHA1;PCDHA1	0.028372	0.0302213	4.74383	4.74383	0.411054	1.67123	1.67123	0.329433	1.84951	1.84951	0.0973193	0.329023	-3.0393	0.469273	0.637744	-1.56803
cg03318614	PCDHA1;PCDHA1;PCDHA2;PCDHA2	2.29E-06	2.48E-05	2.00519	2.00519	0.579185	0.954571	-1.04759	5.31E-07	0.31424	-3.18228	9.01E-07	0.339241	-2.94775	0.0987959	1.16209	1.16209
cg16143654	PCDHA1;PCDHA1;PCDHA2;PCDHA2	8.63E-05	0.000626671	3.45203	3.45203	0.000323597	3.93543	3.93543	0.193632	1.38274	1.38274	0.0756485	1.59345	1.59345	2.67E-05	7.06216	7.06216
cg21380625	PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.0070974	0.0372807	1.7068	1.7068	0.00078068	3.07648	3.07648	0.368916	0.815392	-1.2264	0.163165	0.719516	-1.38982	0.0325861	1.73873	1.73873
cg06282446	PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.0180857	0.0787027	3.93972	3.93972	0.148964	2.96461	2.96461	0.102938	0.285739	-3.4997	0.00636552	0.0826239	-12.103	0.0391172	0.187046	-5.34628
cg00748875	PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.0466794	0.0073657	9.01596	9.01596	0.662926	0.756349	-1.32214	0.670229	0.76129	-1.31356	0.100709	0.318305	-3.14164	0.0204235	5.92434	5.92434
cg07035961	PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.048142	0.0286029	9.64501	9.64501	0.107011	4.68384	4.68384	0.232015	3.00425	3.00425	0.263517	2.78129	2.78129	0.00383586	30.576	30.576
cg22920932	PCDHA2;PCDHA1;PCDHA1;PCDHA2	0.00027839	0.0844216	0.652502	-1.53256	1.77E-05	0.140308	-7.12718	0.0594754	0.621387	-1.6093	0.124059	1.45138	1.45138	0.57276	0.880321	-1.13595
cg06683094	PCDHA2;PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.000342899	0.00419033	2.68519	2.68519	0.00351513	2.77108	2.77108	0.0916411	1.61325	1.61325	0.00485907	2.6157	2.6157	7.56E-05	6.3533	6.3533
cg21619814	PCDHA2;PCDHA1;PCDHA1;PCDHA2;PCDHA2;PCDHA2	3.75E-05	0.00768482	1.72122	1.72122	0.72842	1.05682	1.05682	0.000138831	0.352139	-2.83979	0.000171054	0.363254	-2.7529	2.10E-05	3.89592	3.89592
cg01089834	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA3	0.0289179	0.978745	1.01896	1.01896	0.00363324	16.0285	16.0285	0.714553	1.29561	1.29561	0.212825	2.52199	2.52199	0.0907289	3.72061	3.72061
cg19777540	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA3	0.0410678	0.40755	1.7182	1.7182	0.0890368	3.31427	3.31427	0.238583	2.20042	2.20042	0.106347	3.08542	3.08542	0.00714465	0.10866	-9.20305
cg24674504	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4	0.00102803	0.0114943	2.09879	2.09879	0.0149468	0.495734	-2.01721	0.791882	1.06398	1.06398	0.0751082	1.59161	1.59161	0.0570136	1.65697	1.65697
cg07330212	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	8.82E-05	7.66E-05	3.28879	3.28879	0.00471853	1.86573	1.86573	0.379155	1.16169	1.16169	0.139157	1.30268	1.30268	0.000654278	2.3815	2.3815
cg12317217	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	0.000263557	0.000248924	4.42439	4.42439	0.00302565	2.71716	2.71716	0.229585	1.36353	1.36353	0.0047211	2.51764	2.51764	2.61E-05	7.7489	7.7489
cg02204262	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	0.00124297	0.0795353	0.666779	-1.49975	0.00639079	0.477592	-2.09384	0.168958	1.35692	1.35692	0.00287534	2.34874	2.34874	0.000999673	2.76666	2.76666
cg01155497	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	0.00356179	0.00692253	2.67925	2.67925	0.0200545	2.20593	2.20593	0.153572	1.53858	1.53858	0.184354	1.48744	1.48744	0.00240038	3.29587	3.29587
cg22459739	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	0.00558842	0.390665	1.24244	1.24244	0.205508	1.39045	1.39045	0.000302223	4.26225	4.26225	0.0975908	1.56613	1.56613	0.000632516	3.6544	3.6544
cg11781306	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	0.00614921	0.0525242	2.90478	2.90478	0.365762	1.56753	1.56753	0.111711	2.31157	2.31157	0.0627475	2.75357	2.75357	0.000621773	12.7662	12.7662
cg21094949	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	0.0196705	0.101728	1.27621	1.27621	0.0276851	1.42527	1.42527	0.377156	1.1313	1.1313	0.113507	1.26421	1.26421	0.558973	0.922701	-1.08377
cg19852211	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	1.58E-05	0.0162898	2.27747	2.27747	3.81E-06	20.5183	20.5183	0.000929082	3.99552	3.99552	0.000437754	4.74328	4.74328	4.41E-05	8.75533	8.75533
cg05941129	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.000122199	0.000202349	3.16773	3.16773	0.00674708	0.522213	-1.91493	0.567743	1.11275	1.11275	0.00918489	1.8439	1.8439	0.000610226	2.65583	2.65583
cg27604145	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.000206293	0.00834503	2.60441	2.60441	1.17E-05	13.9403	13.9403	0.00567475	2.8021	2.8021	0.0521377	1.87252	1.87252	0.00807515	0.381604	-2.62052
cg00585072	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.000476294	0.530666	0.869197	-1.15049	0.947169	1.01473	1.01473	0.274917	1.28495	1.28495	0.0402032	0.592614	-1.68744	0.000607682	3.20981	3.20981
cg19444735	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.00123325	0.22834	1.50381	1.50381	0.23127	1.49959	1.49959	0.380612	1.3367	1.3367	0.205705	0.649996	-1.53847	0.000170662	0.127201	-7.8616
cg22117642	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.00152615	0.0534521	1.55849	1.55849	0.00204053	2.40954	2.40954	0.967474	1.00828	1.00828	0.167933	1.34617	1.34617	0.0206641	1.75715	1.75715
cg17459023	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.00225456	0.00664977	4.54685	4.54685	0.13263	0.497698	-2.00925	0.709195	0.851215	-1.17479	0.0223074	3.24649	3.24649	0.00717767	4.44819	4.44819
cg26282566	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.0140982	0.0246616	4.41603	4.41603	0.141688	2.40415	2.40415	0.132544	2.46217	2.46217	0.988054	0.991723	-1.00835	0.468427	1.50611	1.50611
cg17777676	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.0171163	0.00637788	5.14617	5.14617	0.006785	5.04864	5.04864	0.0911465	2.36014	2.36014	0.0189081	3.71352	3.71352	0.00903598	4.62514	4.62514
cg16234335	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4	0.0377022	0.0620389	2.63962	2.63962	0.811984	1.11637	1.11637	0.0487375	2.82891	2.82891	0.768014	1.14643	1.14643	0.042717	2.93797	2.93797
cg03897860	PCDHA2;PCDHA1;PCDHA1;PCDHA4;PCDHA3;PCDHA4;PCDHA4;PCDHA4	0.00464874	0.568736	1.19625	1.19625	0.0127312	0.381754	-2.61948	0.854118	1.05893	1.05893	0.257141	0.692182	-1.44471	0.115235	0.586993	-1.7036
cg19106945	PCDHA2;PCDHA1;PCDHA1;PCDHA5;PCDHA6;PCDHA3;PCDHA6;PCDHA4;PCDHA6	0.00133623	0.0767328	0.571889	-1.74859	0.475899	0.814006	-1.22849	0.48055	0.815828	-1.22575	0.328725	0.751147	-1.3313	0.0152124	0.429012	-2.33094
cg13022679	PCDHA2;PCDHA1;PCDHA1;PCDHA6;PCDHA5;PCDHA6;PCDHA3;PCDHA4;PCDHA6	0.00731443	0.0291137	4.97357	4.97357	0.0149481	6.46696	6.46696	0.141188	2.68351	2.68351	0.392927	1.72623	1.72623	0.00424801	10.8811	10.8811
cg09820378	PCDHA2;PCDHA1;PCDHA1;PCDHA6;PCDHA5;PCDHA6;PCDHA3;PCDHA4;PCDHA6	0.0244374	0.0328884	4.9043	4.9043	0.0345959	4.80675	4.80675	0.202953	2.35471	2.35471	0.84976	0.88618	-1.12844	0.0209014	5.87742	5.87742
cg03758467	PCDHA2;PCDHA1;PCDHA1;PCDHA6;PCDHA5;PCDHA6;PCDHA3;PCDHA4;PCDHA6	0.0288062	0.0344804	4.63601	4.63601	0.0263621	5.14544	5.14544	0.369418	1.77422	1.77422	0.813352	0.863195	-1.15849	0.00764428	8.43861	8.43861
cg02004851	PCDHA2;PCDHA1;PCDHA1;PCDHA6;PCDHA5;PCDHA6;PCDHA3;PCDHA4;PCDHA6	0.0297069	0.0362366	7.9884	7.9884	0.113824	4.34083	4.34083	0.782851	0.789971	-1.26587	0.724792	0.739605	-1.35207	0.0332071	8.36768	8.36768
cg16987900	PCDHA2;PCDHA1;PCDHA1;PCDHA6;PCDHA5;PCDHA6;PCDHA3;PCDHA4;PCDHA6	0.0463518	0.0551377	8.15049	8.15049	0.0589739	7.82835	7.82835	0.242291	3.25713	3.25713	0.828673	1.23259	1.23259	0.0392904	9.98561	9.98561

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04002144	0.277449	0.710013	-1.40842	8.53E-05	0.11762	-8.50194	0.0017044	0.257047	-3.89034	0.0438596	0.495415	-2.01851	11.5445	16.8095	1.29427	1
cg05712973	0.00211047	0.308765	-3.23871	0.000227023	0.18899	-5.29129	0.0569003	0.556683	-1.79636	0.0360925	0.515492	-1.9399	10.1106	11.8333	1.04034	1
cg15901722	0.185097	0.595869	-1.67822	0.00085107	0.157763	-6.33863	0.0439655	0.426228	-2.34616	0.0118928	0.314572	-3.17892	7.09804	15.2558	1.91048	1
cg18615402	0.0539278	0.232718	-4.29705	0.00526714	0.0861721	-11.6047	0.122146	0.327485	-3.05358	0.170845	0.378454	-2.64233	5.99132	42.1262	6.24996	1
cg10462998	0.695829	0.936911	-1.06734	0.00144692	2.14568	2.14568	0.456268	0.881749	-1.13411	0.85374	1.03108	1.03108	5.42466	2.36348	0.387282	1
cg17979595	0.0550859	0.251086	-3.9827	0.00121713	0.0493757	-20.2529	0.0127746	0.140082	-7.13867	0.03865	0.218318	-4.58046	5.11999	32.7395	5.68396	1
cg26326382	0.60639	1.12381	1.12381	0.0178122	0.523615	-1.9098	0.130688	0.693107	-1.44278	0.182557	0.727816	-1.37397	4.13851	3.30628	0.710138	1
cg17670890	0.13316	0.399979	-2.50013	0.00933572	0.154914	-6.45518	0.106824	0.369423	-2.70693	0.0246599	0.22019	-4.54152	3.709	18.7922	4.5037	1
cg07562487	0.0599307	0.490743	-2.03772	0.00159268	0.218811	-4.57014	0.334213	1.39657	1.39657	0.00816883	0.321345	-3.11192	10.0757	17.9482	1.58341	1
cg01957786	0.120268	1.33008	1.33008	0.862734	0.971135	-1.02972	0.554844	0.903846	-1.10638	0.00524366	0.536216	-1.86492	7.26018	3.29389	0.403283	1
cg24405911	0.606654	0.852422	-1.17313	0.0289466	0.453058	-2.20722	0.439352	1.27441	1.27441	0.212376	0.667748	-1.49757	3.90196	5.84174	1.33078	1
cg26528531	0.0712498	0.62563	-1.59839	0.0317632	1.79665	1.79665	0.536534	1.15683	1.15683	0.0180674	0.512502	-1.95121	3.82511	3.28244	0.762781	1
cg01938650	0.627213	0.966401	-1.03477	0.000271304	0.659109	-1.5172	0.00125513	0.719663	-1.38954	0.000458474	1.47001	1.47001	18.5016	1.42894	0.0686517	1
cg05431842	0.000571594	0.420932	-2.37568	0.00213712	0.49668	-2.01337	0.0288349	1.51913	1.51913	0.280558	0.833638	-1.19956	10.285	4.28676	0.370485	1
cg24219058	0.0267333	0.845789	-1.18233	0.601233	1.03422	1.03422	0.00613554	0.795991	-1.2563	0.0544603	1.14939	1.14939	7.87792	0.507976	0.0573164	1
cg26133769	0.773695	1.10245	1.10245	0.0778179	0.515311	-1.94058	0.325048	1.41028	1.41028	0.894225	0.955995	-1.04603	7.83925	14.2088	1.61113	1
cg08671647	0.138481	0.705117	-1.4182	0.00156138	0.369413	-2.707	0.0195677	1.85527	1.85527	0.920781	0.978444	-1.02203	5.73741	4.36083	0.675618	1
cg04105342	0.0210178	0.380638	-2.62717	0.00288032	0.24022	-4.16285	0.631124	1.18332	1.18332	0.274841	0.673468	-1.48485	5.11711	9.81173	1.70439	1
cg01532230	0.181823	1.12773	1.12773	0.2907	1.09746	1.09746	0.0319943	0.808063	-1.23753	0.24415	0.901811	-1.10888	4.03266	0.459467	0.101277	1
cg06660523	0.486615	0.950314	-1.05228	0.0031881	0.748016	-1.33687	0.504607	1.05003	1.05003	0.00304577	1.33999	1.33999	7.06555	0.581669	0.0731774	1
cg14171414	0.559294	1.09213	1.09213	0.0717906	0.74079	-1.34991	0.64495	0.933087	-1.07171	0.251524	1.1958	1.1958	23.1784	8.17871	0.313653	1
cg20366906	0.0159472	1.90348	1.90348	0.0144537	0.5182	-1.92976	0.0174734	1.87948	1.87948	0.534338	1.14713	1.14713	12.792	9.63845	0.669756	1
cg22763718	0.983298	0.996932	-1.00308	0.00804685	1.64586	1.64586	0.00130947	1.98705	1.98705	0.0185262	1.52064	1.52064	7.10649	2.42434	0.303239	1
cg05336395	0.0403125	3.17693	3.17693	0.0750766	2.63071	2.63071	0.00130177	9.82782	9.82782	0.0445009	3.08315	3.08315	5.38066	20.2918	3.35222	1
cg07847863	0.0988558	7.90836	7.90836	0.00232756	128.865	128.865	0.0102544	40.3531	40.3531	0.620501	0.565315	-1.76892	4.83675	100.034	18.3841	1
cg25600049	0.216792	3.1172	3.1172	0.00514257	25.3529	25.3529	0.0231745	10.7481	10.7481	0.684361	0.699387	-1.42982	4.56799	55.3692	10.7743	1
cg06114087	0.895889	0.977648	-1.02286	0.0298346	0.643146	-1.55486	0.0484842	0.67758	-1.47584	0.0394258	0.662717	-1.50894	4.46386	2.10782	0.419731	1
cg12568898	0.559766	1.09623	1.09623	0.0450983	0.698934	-1.43075	0.0459128	0.700146	-1.42827	0.523499	1.10598	1.10598	4.24902	1.63345	0.341715	1
cg16027761	0.888636	0.973675	-1.02704	0.756495	1.06101	1.06101	0.451716	0.864168	-1.15718	0.799147	1.04975	1.04975	4.11814	2.36449	0.510369	1
cg14950829	0.321283	2.46794	2.46794	0.00850954	19.307	19.307	0.0273541	9.98836	9.98836	0.948072	0.944196	-1.0591	3.88587	47.8329	10.9417	1
cg18002116	0.306623	2.47764	2.47764	0.0296931	8.96961	8.96961	0.0506246	6.7488	6.7488	0.475731	0.537036	-1.86207	3.69561	43.0109	10.3452	1
cg27360326	0.228118	1.28167	1.28167	3.10E-06	0.113738	-8.79217	0.533099	1.13184	1.13184	0.561817	0.891301	-1.12195	16.3142	9.94372	0.541789	1
cg18855836	0.374318	0.910048	-1.09884	1.29E-05	0.387773	-2.57883	0.329769	0.901264	-1.10955	0.389652	0.912909	-1.0954	15.4504	2.61435	0.150408	1
cg13700000	0.436137	1.15705	1.15705	0.151788	0.754317	-1.3257	0.00455377	2.0013	2.0013	0.0428612	1.5341	1.5341	14.6267	7.80967	0.474608	1
cg15401505	0.0158278	1.62921	1.62921	0.00491731	1.85014	1.85014	0.19571	0.79776	-1.25351	0.96887	0.993577	-1.00646	13.3466	5.76364	0.383859	1
cg25155679	0.53656	1.14462	1.14462	0.0667305	1.55845	1.55845	0.798641	1.05673	1.05673	0.141162	0.710652	-1.40716	9.75	7.19383	0.655847	1
cg15067350	0.0138418	0.511583	-1.95472	0.320768	1.25364	1.25364	0.945794	1.0151	1.0151	0.116875	0.687032	-1.45554	8.20834	6.31224	0.683558	1
cg04304255	0.282135	0.735599	-1.35944	0.000163986	0.171053	-5.84616	0.223172	0.703527	-1.42141	0.146519	0.651702	-1.53444	7.99715	9.56024	1.06263	1
cg25631436	0.519142	0.919823	-1.08717	0.386088	1.12033	1.12033	0.686544	1.05325	1.05325	0.0220777	0.703961	-1.42053	6.55813	1.69856	0.230223	1
cg23453618	0.93239	1.01182	1.01182	0.362045	1.13859	1.13859	0.63496	0.935893	-1.0685	0.061195	0.746591	-1.33942	5.73795	1.74399	0.270169	1
cg18815589	0.0631738	0.354726	-2.81908	0.122466	0.436013	-2.29351	0.763876	1.16115	1.16115	0.821572	1.11854	1.11854	4.90187	19.0954	3.4627	1
cg20666533	0.759669	1.09328	1.09328	0.000515372	4.83182	4.83182	0.762232	1.09221	1.09221	0.257473	1.40986	1.40986	4.68908	6.27423	1.18938	1
cg13798384	0.688296	0.833699	-1.19947	0.073882	0.40717	-2.45597	0.00303064	6.2488	6.2488	0.348897	1.54487	1.54487	4.52544	14.5796	2.86374	1
cg06081220	0.643403	1.18742	1.18742	0.946655	0.975646	-1.02496	0.207138	1.63263	1.63263	0.639799	1.18967	1.18967	4.28228	9.20844	1.91143	1
cg11730458	0.680514	0.951203	-1.0513	0.00753898	0.660053	-1.51503	0.0232265	0.720491	-1.38794	0.523477	0.924847	-1.08126	4.19554	0.970133	0.205537	1
cg05022363	0.0184322	1.44615	1.44615	0.135543	0.812553	-1.23069	0.154215	1.21751	1.21751	0.157029	1.21566	1.21566	4.02215	1.06059	0.234388	1
cg03693403	0.0276049	1.64325	1.64325	0.0231417	1.67827	1.67827	0.0819991	0.692501	-1.44404	0.383299	0.843269	-1.18586	3.94126	2.26948	0.511846	1
cg19029747	0.284636	1.14119	1.14119	0.19258	0.848844	-1.17807	0.966798	0.995066	-1.00496	0.0293119	1.35673	1.35673	3.76858	0.842834	0.198798	1
cg09985739	0.17838	1.70648	1.70648	0.212211	1.63417	1.63417	0.624097	0.831432	-1.20274	0.678868	0.855896	-1.16837	3.49586	7.7347	1.9667	1
cg20390826	0.0697888	0.64997	-1.53853	0.0531948	0.627065	-1.59473	0.178608	0.738141	-1.35476	0.0134357	0.521876	-1.91616	3.41923	2.44457	0.635509	1
cg06689205	0.717302	1.04398	1.04398	0.0167953	0.707944	-1.41254	0.206099	0.85397	-1.171	0.0590518	1.287	1.287	4.08496	0.906366	0.197226	1
cg11954680	0.871703	0.922606	-1.08389	0.00638987	5.86278	5.86278	0.0158797	4.35873	4.35873	0.252301	1.81484	1.81484	4.37726	17.2208	3.49702	1
cg09852127	0.290769	2.39303	2.39303	0.0031373	24.8798	24.8798	0.0162011	10.3891	10.3891	0.0417742	6.47348	6.47348	3.5625	35.7406	8.91773	1
cg23490829	0.460796	1.18773	1.18773	0.000250748	0.250623	-3.99006	0.00753699	2.19857	2.19857	0.355552	0.80433	-1.24327	9.98604	8.30277	0.739056	1
cg15006772	0.221432	0.595913	-1.6781	0.00296884	0.193547	-5.16671	0.0936565	2.1013	2.1013	0.197412	0.577647	-1.73116	6.27221	16.1147	2.28376	1
cg00707406	0.00349105	1.95508	1.95508	1.19E-05	0.208728	-4.79093	0.000377925	2.61442	2.61442	0.00180265	2.11894	2.11894	36.044	16.3369	0.402889	1
cg12456800	0.0322247	0.569705	-1.75529	0.00705248	0.457847	-2.18414	2.96E-05	6.26859	6.26859	0.17906	0.726012	-1.37739	17.3367	13.8167	0.708414	1
cg12150457	0.461414	0.780788	-1.28076	0.299203	0.70111	-1.42631	9.05E-05	10.076	10.076	0.142154	1.68334	1.68334	10.9975	18.9704	1.53331	1
cg12314121	0.0403804	1.86707	1.86707	0.0228514	2.05059	2.05059	0.11504	1.57124	1.57124	0.43587	1.23321	1.23321	6.34038	6.98253	0.978915	1
cg11950642	0.265951	1.49349	1.49349	0.0169228	2.7404	2.7404	0.00245387	4.29769	4.29769	0.107946	1.83482	1.83482	5.57372	10.5702	1.68572	1
cg18073390	0.135566	2.38717	2.38717	0.0011985	13.0304	13.0304	0.0108453	5.64366	5.64366	0.117287	2.50989	2.50989	5.23292	24.2487	4.11901	1
cg10645317	0.0582152	1.69558	1.69558	0.0220114	1.96912	1.96912	0.0338518	1.84251	1.84251	0.138881	1.48136	1.48136	4.94432	4.76483	0.856621	1
cg19547547	0.460064	1.31606	1.31606	0.00387943	4.13804	4.13804	0.00154417	5.27471	5.27471	0.329905	1.4436	1.4436	4.48791	9.47715	1.87707	1
cg15116095	0.133528	2.68784	2.68784	0.0053173	9.42976	9.42976	0.0156907	6.10632	6.10632	0.161754	2.4914	2.4914	4.16834	24.6422	5.2549	1
cg03318614	0.00978781	1.31137	1.31137	0.0150636	1.28139	1.28139	0.293803	0.913587	-1.09459	0.104007	0.862841	-1.15896	59.2945	6.46859	0.0969712	1
cg16143654	0.0141562	2.04061	2.04061	5.22E-06	11.4314	11.4314	0.00219243	2.75105	2.75105	0.0120555	2.09094	2.09094	23.0301	20.2471	0.781474	1
cg21380625	0.0123872	1.99071	1.99071	0.69008	0.915174	-1.09269	0.217031	1.33275	1.33275	0.0126982	1.98368	1.98368	6.58666	5.10211	0.688543	1
cg06282446	0.961173	0.966396	-1.03477	0.293337	0.465148	-2.14985	0.0698892	4.15022	4.15022	0.0692866	4.16597	4.16597	4.86734	38.0057	6.94072	1
cg00748875	0.554973	1.46256	1.46256	0.488614	0.638937	-1.5651	0.111561	3.0147	3.0147	0.22981	2.23057	2.23057	3.47737	22.3275	5.70738	1
cg07035961	0.0671836	6.05164	6.05164	0.0215448	11.2739	11.2739	0.0615604	6.34752	6.34752	0.168066	3.63	3.63	3.43713	41.9248	10.8423	1
cg22920932	0.000680321	0.313087	-3.194	0.389186	1.2182	1.2182	0.00184944	2.68744	2.68744	0.658576	0.905322	-1.10458	16.7899	13.303	0.704284	1
cg06683094	0.190757	1.42866	1.42866	2.96E-05	8.22542	8.22542	0.000856786	3.63072	3.63072	0.0806791	1.64678	1.64678	15.8583	16.6529	0.933431	1
cg21619814	0.0537712	1.41505	1.41505	0.000900173	2.19825	2.19825	0.0102353	1.67055	1.67055	0.00164651	2.04285	2.04285	28.719	11.4307	0.353796	1
cg01089834	0.336021	2.01254	2.01254	0.58266	0.676202	-1.47885	0.00340843	16.5423	16.5423	0.059538	4.47862	4.47862	4.14038	32.5944	6.99762	1
cg19777540	0.827643	0.869955	-1.14949	0.149868	2.68146	2.68146	0.0326185	4.94145	4.94145	0.368031	1.80535	1.80535	3.64751	23.5816	5.74679	1
cg24674504	0.0561982	0.602248	-1.66045	0.000216636	4.25067	4.25067	0.068974	0.620514	-1.61157	0.00415907	0.406276	-2.46138	11.6746	10.167	0.774101	1
cg07330212	0.000653261	2.382	2.382	3.37E-06	6.17512	6.17512	0.00134809	2.16741	2.16741	0.0105858	1.70587	1.70587	22.8992	10.008	0.388487	1
cg12317217	0.00116279	3.23206	3.23206	0.00145073	3.1009	3.1009	0.000249991	4.42024	4.42024	0.0654777	1.66284	1.66284	17.0428	16.3298	0.851704	1
cg02204262	0.0415448	1.63138	1.63138	0.0189868	1.8067	1.8067	0.977158	0.994055	-1.00598	0.00515282	0.463329	-2.1583	11.0601	7.59714	0.610576	1
cg01155497	0.00820151	2.59551	2.59551	0.000198837	5.82506	5.82506	0.0198459	2.21004	2.21004	0.0405669	1.94812	1.94812	8.13109	10.2399	1.11942	1
cg22459739	0.0729394	1.63827	1.63827	0.0421248	1.78223	1.78223	0.507548	1.18048	1.18048	0.199293	1.39753	1.39753	7.09272	6.84192	0.857458	1
cg11781306	0.162824	2.05578	2.05578	0.000364194	15.853	15.853	0.103551	2.36593	2.36593	0.265393	1.75318	1.75318	6.8867	25.5209	3.29407	1
cg21094949	0.00239544	1.77891	1.77891	0.222904	1.19048	1.19048	0.00248708	1.77237	1.77237	0.332205	1.1459	1.1459	4.73117	1.38873	0.260913	1
cg19852211	2.15E-05	10.9766	10.9766	1.94E-05	11.3552	11.3552	1.47E-05	12.4636	12.4636	0.179891	1.49044	1.49044	36.0286	44.7957	1.10519	1
cg05941129	0.00229077	2.20041	2.20041	2.82E-05	4.58986	4.58986	0.000213713	3.13873	3.13873	0.0793114	1.4338	1.4338	20.9825	11.3712	0.481721	1
cg27604145	0.315432	1.34279	1.34279	0.000681111	4.36682	4.36682	0.00109243	3.92746	3.92746	0.45564	1.24081	1.24081	18.2174	23.2644	1.13514	1
cg00585072	0.0124986	0.503657	-1.98548	2.98E-05	6.07339	6.07339	0.0869441	1.51776	1.51776	0.56204	0.878628	-1.13814	14.4843	11.1755	0.685832	1
cg19444735	0.00793926	0.333404	-2.99936	0.000937476	4.91861	4.91861	0.16392	0.619197	-1.615	0.296689	0.705291	-1.41785	11.0849	18.281	1.46593	1
cg22117642	0.0353632	1.64154	1.64154	4.75E-05	4.71191	4.71191	0.00465472	2.14105	2.14105	0.802151	0.950483	-1.0521	10.4276	6.75736	0.576026	1
cg17459023	0.00274126	5.91642	5.91642	0.000199692	14.6656	14.6656	0.0955411	2.19765	2.19765	0.38291	1.46927	1.46927	9.31028	27.2653	2.60313	1
cg26282566	0.104841	0.373823	-2.67507	0.00250075	10.2945	10.2945	0.00485714	7.94971	7.94971	0.43577	0.643131	-1.55489	5.28772	25.8089	4.33859	1
cg17777676	0.0660693	2.58971	2.58971	0.347142	1.56324	1.56324	0.00754806	4.88586	4.88586	0.0680449	2.56788	2.56788	4.95816	16.7245	2.99834	1
cg16234335	0.0734029	2.51491	2.51491	0.00197213	7.53886	7.53886	0.142869	2.06993	2.06993	0.0566613	2.70925	2.70925	3.76395	12.7229	3.00462	1
cg03897860	0.0355708	0.467144	-2.14067	0.00143424	0.238352	-4.19547	0.00243951	3.71409	3.71409	0.102895	0.574026	-1.74208	7.50326	11.5004	1.36241	1
cg19106945	0.249909	0.710827	-1.40681	0.000117046	0.147285	-6.78954	0.000698533	4.33955	4.33955	0.57908	0.852941	-1.17241	10.8334	13.8258	1.13441	1
cg13022679	0.0294456	4.95165	4.95165	0.0849405	0.304726	-3.28164	0.0022045	14.5402	14.5402	0.0129493	6.84952	6.84952	6.52498	40.2139	5.47829	1
cg09820378	0.0659019	3.72413	3.72413	0.0954634	0.311266	-3.21269	0.00867889	8.42742	8.42742	0.0572434	3.93791	3.93791	4.39182	28.2419	5.71607	1
cg03758467	0.00647569	9.03996	9.03996	0.139721	2.68707	2.68707	0.0252371	5.23367	5.23367	0.0876408	3.23066	3.23066	4.14605	25.4043	5.44654	1
cg02004851	0.0866854	5.02658	5.02658	0.0231479	0.0985648	-10.1456	0.0233558	10.0971	10.0971	0.129803	4.04108	4.04108	4.1011	47.299	10.2518	1
cg16987900	0.0322519	11.2425	11.2425	0.210496	0.279926	-3.57237	0.0120206	20.5475	20.5475	0.0846542	6.29791	6.29791	3.48659	51.415	13.108	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(1 04T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(1 05T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(1 11T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(1 12T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(1 21T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(3 47T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(3 53T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03694936	DHA3 PCDHA2;PCDHA1;PCDHA3;PCDHA1;PC		0.0163666	0.0145261	0.439575	-2.27492	0.0955978	0.606656	-1.64838	0.0524708	0.547714	-1.82577	0.636586	1.13875	1.13875	0.309036	0.750203	-1.33297	0.195723	1.45288	1.45288	0.00278317	3.08232	3.08232	0.618274	1.14699	1.14699	0.34879	0.768488	-1.30126	5.03288	5.94079	1.04924	1
cg21915910	DHA1 PCDHA2;PCDHA1;PCDHA3;PCDHA3;PC		0.000410346	0.00196377	3.28247	3.28247	0.000194847	5.48773	5.48773	0.000265761	5.08601	5.08601	0.451493	1.23168	1.23168	0.000458411	4.47569	4.47569	0.110794	1.60313	1.60313	9.05E-05	6.69475	6.69475	0.0789347	1.6988	1.6988	0.0406279	1.90053	1.90053	15.0935	17.638	1.03874	1
cg27080348	DHA1 PCDHA2;PCDHA1;PCDHA3;PCDHA3;PC		0.00152026	0.00428192	3.94871	3.94871	0.000616123	6.65298	6.65298	0.00324541	4.23285	4.23285	0.0109028	3.15402	3.15402	0.00159037	5.09844	5.09844	0.00104121	5.72561	5.72561	0.872972	1.0592	1.0592	0.0020383	4.77287	4.77287	0.015871	2.89159	2.89159	10.4392	21.3591	1.81871	1
cg11560197	DHA1 PCDHA2;PCDHA1;PCDHA3;PCDHA3;PC		0.0114937	0.0346884	3.43659	3.43659	0.00288994	7.79772	7.79772	0.287977	1.73861	1.73861	0.297397	1.71877	1.71877	0.0194058	4.12496	4.12496	0.636406	1.26965	1.26965	0.000971642	11.7167	11.7167	0.033087	3.48769	3.48769	0.0380474	3.33892	3.33892	5.65186	22.5001	3.53868	1
cg03243835	DHA1 PCDHA2;PCDHA1;PCDHA3;PCDHA3;PC		0.0124627	0.98255	1.00572	1.00572	0.0114	2.28465	2.28465	0.672123	1.11747	1.11747	0.0777366	1.66772	1.66772	0.00239851	3.01497	3.01497	0.0170384	2.13595	2.13595	0.0186945	2.10339	2.10339	0.00345747	2.81705	2.81705	0.196123	1.42849	1.42849	5.50539	5.93461	0.95819	1
cg10649903	DHA1 PCDHA2;PCDHA1;PCDHA4;PCDHA4;PC		0.0403866	0.00996701	18.0769	18.0769	0.0146737	14.4723	14.4723	0.110463	4.69799	4.69799	0.0875877	5.35113	5.35113	0.0231968	11.1779	11.1779	0.046518	7.59807	7.59807	0.0469322	7.56097	7.56097	0.0349898	8.89356	8.89356	0.0811413	5.58407	5.58407	3.6701	45.9874	11.138	1
cg23419885	DHA1;PCDHA3 PCDHA2;PCDHA1;PCDHA1;PC		0.00249326	0.277081	0.742775	-1.3463	0.0027924	0.338227	-2.95659	0.332406	0.768715	-1.30087	0.498317	1.19821	1.19821	0.00318248	2.8853	2.8853	0.141754	1.51525	1.51525	0.000392789	0.226339	-4.41816	0.351245	0.776958	-1.28707	0.859152	0.95435	-1.04783	9.03922	9.90634	0.974158	1
cg17259096	DHA5;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA10;P CDHA9;PCDHA7;PCDHA1;PCDHA6;PCD		0.0018365	0.932137	1.01236	1.01236	0.325909	0.863901	-1.15754	0.808491	0.965584	-1.03564	0.0561524	1.36612	1.36612	0.129487	1.2665	1.2665	0.000123717	0.380798	-2.62606	0.0109245	1.58527	1.58527	0.409645	1.12933	1.12933	0.00776398	0.610743	-1.63735	9.88405	3.25647	0.292859	1
cg01416563	A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC HA5;PCDHA3;PCDHA4;PCDHA10;P PCDHA6;PCDHA2;PCDHA1;PCDHA10;P		0.0218253	0.00905825	6.45317	6.45317	0.00389541	8.88873	8.88873	0.102069	2.73434	2.73434	0.0476287	3.57287	3.57287	0.0111048	5.98826	5.98826	0.0384286	3.85093	3.85093	0.0383381	3.85411	3.85411	0.0291081	4.24444	4.24444	0.286469	1.86307	1.86307	4.56641	22.8534	4.44861	1
cg19810034	CDHA9;PCDHA7;PCDHA1;PCDHA6;PCD A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC HA5;PCDHA3;PCDHA4;PCDHA10;P		0.0305507	0.0102776	3.83642	3.83642	0.0139476	3.53406	3.53406	0.181352	1.80377	1.80377	0.0620665	2.39483	2.39483	0.417389	1.41132	1.41132	0.0995714	2.11782	2.11782	0.0121545	3.66667	3.66667	0.0125087	3.63851	3.63851	0.0318831	2.84465	2.84465	4.06049	11.1137	2.43293	1
cg21887309	DHA6;PCDHA5;PCDHA3;PCDHA4;PCDH A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC		0.000377555	0.0105398	2.6101	2.6101	0.000246021	6.08443	6.08443	0.370236	1.31566	1.31566	0.00926413	2.67654	2.67654	0.00565382	2.9523	2.9523	0.00278192	3.41932	3.41932	1.69E-05	13.9124	13.9124	0.00346754	3.26408	3.26408	0.00447698	3.09585	3.09585	15.444	21.7422	1.25138	1
cg23396751	DHA6;PCDHA5;PCDHA3;PCDHA4;PCDH A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC		0.00231597	0.152075	1.32645	1.32645	0.398962	0.853	-1.17233	0.0168179	1.71109	1.71109	0.855198	0.966924	-1.03421	0.0931673	1.40503	1.40503	0.0438592	1.5319	1.5319	0.0035912	0.483818	-2.06689	0.000480906	2.74136	2.74136	0.00545317	1.96025	1.96025	9.23723	4.95963	0.47726	1
cg08362206	DHA6;PCDHA5;PCDHA3;PCDHA4;PCDH A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC		0.00234866	0.00625362	2.01692	2.01692	0.188806	1.31539	1.31539	0.0307689	1.64796	1.64796	0.199791	1.30566	1.30566	0.091055	1.44268	1.44268	0.00259409	1.2746	1.2746	7.39E-05	4.1305	4.1305	0.00842833	1.93954	1.93954	0.677752	1.08576	1.08576	9.19933	5.64867	0.545805	1
cg10450108	DHA6;PCDHA5;PCDHA3;PCDHA4;PCDH A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC		0.00480335	0.00430057	1.50736	1.50736	0.0182235	1.36078	1.36078	0.566717	1.06422	1.06422	0.103389	1.211	1.211	0.967311	0.995605	-1.00441	0.00420152	1.50996	1.50996	0.431571	0.917342	-1.09011	0.000345149	1.85701	1.85701	0.657521	1.04912	1.04912	7.42893	1.35913	0.162623	1
cg02636167	DHA6;PCDHA5;PCDHA3;PCDHA4;PCDH A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC		0.0115535	0.240792	1.34868	1.34868	0.0111909	2.16915	2.16915	0.138185	1.47525	1.47525	0.00293207	2.70565	2.70565	0.26725	0.75463	-1.32515	0.0230548	1.93867	1.93867	0.0757875	0.617919	-1.61834	0.0177938	2.0175	2.0175	0.185087	1.40825	1.40825	5.64238	5.3022	0.835298	1
cg22152229	DHA6;PCDHA5;PCDHA3;PCDHA4;PCDH A6 PCDHA6;PCDHA2;PCDHA1;PCDHA1;PC		0.0219661	0.0374813	3.4074	3.4074	0.0335659	3.52833	3.52833	0.076381	2.72144	2.72144	0.157596	2.15415	2.15415	0.00911329	5.37863	5.37863	0.0185647	4.26143	4.26143	0.00240749	8.55764	8.55764	0.053537	3.04496	3.04496	0.0721141	2.77148	2.77148	4.55635	18.6103	3.63065	1
cg07459170	DHA6;PCDHA5;PCDHA3;PCDHA4;PCDH A6 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0412269	0.0188403	4.84586	4.84586	0.158005	2.30998	2.30998	0.908794	0.938413	-1.06563	0.761147	1.18425	1.18425	0.0167951	5.04598	5.04598	0.213744	2.06713	2.06713	0.12273	0.395499	-2.52845	0.0171529	5.00859	5.00859	0.0836705	2.89179	2.89179	3.6423	17.7477	4.33127	1
cg07215693	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH AA;PCDHA7 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0120059	0.0143405	6.51023	6.51023	0.000988983	20.8509	20.8509	0.196695	2.33266	2.33266	0.31702	1.90002	1.90002	0.00237477	13.8649	13.8649	0.215056	2.24749	2.24749	0.016965	6.09086	6.09086	0.125151	2.80105	2.80105	0.1775	2.43343	2.43343	5.5726	33.984	5.42081	1
cg23928118	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH AA;PCDHA7 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0294068	0.0183369	4.14551	4.14551	0.0479041	3.07594	3.07594	0.23271	1.86213	1.86213	0.112291	2.36072	2.36072	0.674377	0.810636	-1.2336	0.0233265	3.84413	3.84413	0.00337862	7.24502	7.24502	0.0248169	3.77056	3.77056	0.365478	1.58717	1.58717	4.11588	16.0893	3.47474	1
cg06938264	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH AA;PCDHA7 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0326667	0.0820611	5.90832	5.90832	0.0362616	9.43876	9.43876	0.316803	2.59655	2.59655	0.13052	4.50704	4.50704	0.00695085	25.0273	25.0273	0.0258948	11.4571	11.4571	0.00779269	23.3327	23.3327	0.0201175	13.2639	13.2639	0.143749	4.25599	4.25599	3.96448	53.3788	11.9682	1
cg10205431	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH AA;PCDHA7 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0396568	0.0407623	3.89416	3.89416	0.0108953	6.29487	6.29487	0.250464	1.99612	1.99612	0.498088	1.4857	1.4857	0.0147088	5.63127	5.63127	0.0383396	3.98046	3.98046	0.0102569	6.43893	6.43893	0.108467	2.7396	2.7396	0.0761219	3.11411	3.11411	3.69484	19.3867	4.66398	1
cg12962191	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH A3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.00356832	0.0477769	2.8949	2.8949	0.00100331	9.91038	9.91038	0.617507	1.26675	1.26675	0.274425	1.70588	1.70588	0.0274862	0.293877	-3.40279	0.0614738	2.68966	2.68966	0.12075	0.453713	-2.20404	0.000918819	10.236	10.236	0.917823	0.952686	-1.04966	8.12663	28.3887	3.10515	1
cg26618441	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH A3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0045735	0.184267	2.02475	2.02475	0.00184136	9.1659	9.1659	0.311186	0.591661	-1.69016	0.196068	1.98331	1.98331	0.0792891	2.6532	2.6532	0.00167519	9.49355	9.49355	0.0100575	5.08904	5.08904	0.00136056	10.2665	10.2665	0.988242	0.992646	-1.00741	7.54055	29.9623	3.532	1
cg18117367	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH A3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.00618572	0.0179823	6.16479	6.16479	0.00772481	8.71594	8.71594	0.832454	1.14344	1.14344	0.557416	1.45559	1.45559	0.0137126	6.87803	6.87803	0.221845	2.2533	2.2533	0.00365522	12.0269	12.0269	0.000856085	23.778	23.778	0.299818	0.506697	-1.97356	6.8741	43.5834	5.63576	1
cg07745166	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH A3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.00655933	0.115654	1.82362	1.82362	0.020359	2.67066	2.67066	0.511783	0.791543	-1.26335	0.600704	1.20386	1.20386	0.506526	1.26716	1.26716	0.0942856	1.90832	1.90832	0.00429196	3.82605	3.82605	0.000218303	8.71968	8.71968	0.606372	1.20033	1.20033	6.75031	13.1953	1.73757	1
cg06827234	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH A3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0217987	0.133677	5.69434	5.69434	0.226336	3.91989	3.91989	0.658208	0.619554	-1.61406	0.0545079	0.0957721	-10.4415	0.535545	1.96341	1.96341	0.327374	2.96602	2.96602	0.00989231	33.2731	33.2731	0.00575865	0.0204199	-48.9718	0.494701	0.474432	-2.10778	4.56832	83.6627	16.2788	1
cg01029685	DHA1;PCDHA6;PCDHA5;PCDHA3;PCDH A9;PCDHA3;PCDHA4;PCDHA8 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		9.92E-05	0.123609	1.65501	1.65501	0.253562	1.4336	1.4336	0.0120838	2.57351	2.57351	0.0396577	2.05165	2.05165	7.32E-06	0.0504734	-19.8124	0.0203547	2.32726	2.32726	0.0139625	2.50217	2.50217	0.000166037	6.94496	6.94496	0.674638	1.13603	1.13603	22.1897	32.0695	1.28466	1
cg07524413	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A9;PCDHA3;PCDHA4;PCDHA8 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.000806269	0.088143	1.33836	1.33836	0.119969	0.770078	-1.29857	0.00523424	1.76913	1.76913	0.0477624	1.41988	1.41988	0.00208267	1.95628	1.95628	0.160294	0.792687	-1.26153	0.000606259	2.26741	2.26741	0.000114957	2.85122	2.85122	0.968056	1.00622	1.00622	12.5046	4.75066	0.337701	1
cg14595922	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A9;PCDHA3;PCDHA4;PCDHA8 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0156345	0.159754	1.57006	1.57006	0.00451955	3.11506	3.11506	0.294742	0.721576	-1.38586	0.219181	1.47408	1.47408	0.0813543	1.78632	1.78632	0.0321589	2.12455	2.12455	0.00187822	3.75781	3.75781	0.0555134	1.91873	1.91873	0.0569176	1.90981	1.90981	5.11008	7.29801	1.26948	1
cg18029321	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A9;PCDHA3;PCDHA4;PCDHA8 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0174062	0.00497109	16.1949	16.1949	0.00904441	11.9973	11.9973	0.123074	3.4939	3.4939	0.0996817	3.8621	3.8621	0.0191543	8.35434	8.35434	0.0290458	6.86752	6.86752	0.00493325	16.2583	16.2583	0.0365679	6.16755	6.16755	0.0482999	5.41859	5.41859	4.93034	43.7898	7.89485	1
cg24792717	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A9;PCDHA3;PCDHA4;PCDHA8 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0206905	0.016518	3.9699	3.9699	0.00331483	6.57206	6.57206	0.0635761	2.66962	2.66962	0.41621	1.47873	1.47873	0.0657703	2.64321	2.64321	0.685904	1.21095	1.21095	0.00246834	7.25482	7.25482	0.106408	2.29333	2.29333	0.537453	1.34172	1.34172	4.65053	16.3235	3.12003	1
cg11445191	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A9;PCDHA3;PCDHA3;PCDHA9;PCD PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.00262393	0.0643666	1.80963	1.80963	0.152739	0.645903	-1.54822	0.0526147	0.533187	-1.87551	0.294471	1.36388	1.36388	0.0878191	0.584067	-1.71213	0.00134158	0.264457	-3.78134	0.000877673	4.15286	4.15286	0.0567916	1.85028	1.85028	0.60943	0.863239	-1.15843	8.9042	11.4878	1.1468	1
cg01524894	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.111895	0.0237181	0.461544	-2.16664	0.192243	1.48478	1.48478	0.731827	0.906186	-1.10353	0.418998	1.26678	1.26678	0.00965265	2.55472	2.55472	0.00730036	2.69317	2.69317	0.114235	0.611402	-1.63559	0.0198469	2.23745	2.23745	0.0983517	1.68058	1.68058	5.5894	7.25966	1.15451	1
cg06951122	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.00056104	0.00403725	4.75225	4.75225	0.0024932	5.45224	5.45224	0.868641	0.935377	-1.06909	0.0973749	2.08383	2.08383	0.0065966	4.15209	4.15209	0.0131845	3.45654	3.45654	1.58E-05	36.4866	36.4866	0.00724153	4.049	4.049	0.00425417	4.6833	4.6833	13.8126	35.6354	2.29326	1
cg25225155	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.000801935	0.00127991	5.75916	5.75916	0.000986907	6.20619	6.20619	0.0723449	2.11201	2.11201	0.0752655	2.09265	2.09265	0.000364665	8.41011	8.41011	0.00496669	4.00127	4.00127	8.82E-05	13.7239	13.7239	0.0102852	3.33894	3.33894	0.0400393	2.42234	2.42234	12.5236	27.57	1.95685	1
cg22758238	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.00228999	0.0149214	1.92864	1.92864	0.155871	1.39532	1.39532	0.426943	1.19479	1.19479	0.252556	1.29981	1.29981	0.0391615	1.68824	1.68824	0.0130219	1.96598	1.96598	3.08E-05	5.96071	5.96071	0.043618	1.66362	1.66362	0.165534	1.38335	1.38335	9.26783	7.06611	0.677719	1
cg13309828	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0104315	0.0398061	2.90218	2.90218	0.0432114	2.83658	2.83658	0.634382	0.806721	-1.23959	0.224235	1.77243	1.77243	0.0138582	3.9089	3.9089	0.0208741	3.4779	3.4779	0.000881387	9.34533	9.34533	0.0115958	4.11558	4.11558	0.0287078	3.17957	3.17957	5.83117	18.5604	2.82931	1
cg02326566	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0144056	0.0251805	4.21845	4.21845	0.149097	0.433222	-2.30829	0.528151	0.707824	-1.41278	0.343922	1.69405	1.69405	0.023734	4.30401	4.30401	0.0938942	2.70727	2.70727	0.00165103	11.4184	11.4184	0.0226053	4.37589	4.37589	0.80999	0.877888	-1.1391	5.25031	24.3079	4.11538	1
cg24769628	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0224419	0.0522573	1.99542	1.99542	0.0986573	1.76242	1.76242	0.142962	1.63669	1.63669	0.0596805	1.94455	1.94455	0.639116	0.8626	-1.15929	0.0124196	2.64773	2.64773	0.300758	1.39871	1.39871	0.00100501	4.60831	4.60831	0.275589	1.4261	1.4261	4.52294	7.01504	1.37866	1
cg26465581	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.0344123	0.00505243	3.30106	3.30106	0.409632	1.3121	1.3121	0.144307	1.65728	1.65728	0.20721	1.53487	1.53487	0.870068	1.05415	1.05415	0.0666712	1.93933	1.93933	0.00287779	3.74537	3.74537	0.0533861	2.02758	2.02758	0.462585	1.27235	1.27235	3.89088	6.3939	1.46072	1
cg07507057	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PC		0.041395	0.0434463	2.52054	2.52054	0.00464956	4.4751	4.4751	0.463199	1.34616	1.34616	0.203086	1.70721	1.70721	0.0401638	2.56999	2.56999	0.0657047	2.27543	2.27543	0.386979	1.42335	1.42335	0.0116903	3.50507	3.50507	0.0511484	2.42088	2.42088	3.63682	9.12779	2.23096	1
cg03240800	DHA1;PCDHA6;PCDHA5;PCDHA9;PCD A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA8;PC		0.0497262	0.0438395	2.19125	2.19125	0.404254	0.749024	-1.33507	0.114087	0.558758	-1.78968	0.045302	2.17618	2.17618	0.172862	1.63426	1.63426	0.0206309	2.57017	2.57017	0.795648	0.915868	-1.09186	0.0668334	2.00522	2.00522	0.525222	0.804127	-1.24359	3.39521	6.16558	1.61419	1
cg02560085	DHA7;PCDHA1;PCDHA6;PCDHA5;PCDH A8;PCDHA3;PCDHA4 PCDHA6;PCDHA2;PCDHA1;PCDHA9;PC		0.00802617	0.0202175	3.29785	3.29785	0.197452	1.78695	1.78695	0.235249	1.69903	1.69903	0.157637	1.9037	1.9037	0.0176738	0.292422	-3.41972	0.817938	0.906423	-1.10324	0.000973715	8.09157	8.09157	0.00980231	4.01996	4.01996	0.433901	1.40527	1.40527	6.33763	18.2231	2.55589	1
cg19976449	DHA7;PCDHA1;PCDHA11;PCDHA6;PCD HA5;PCDHA3;PCDHA4;PCDHA10;PC		0.00427123	0.103324	0.551123	-1.81448	0.0816237	0.52447	-1.90669	0.280155	0.687004	-1.4556	0.465235	1.28213	1.28213	0.00179898	0.226535	-4.41432	0.351144	0.725504	-1.37835	0.00653887	3.2592	3.2592	0.00552134	3.38586	3.38586	0.0590981	2.490327	-2.03945	7.69846	13.6343	1.57426	1
cg07401394	DHA7;PCDHA1;PCDHA12;PCDHA6;PCD HA5;PCDHA10;PCDHA3;PCDHA9;P PCDHA6;PCDHA2;PCDHA1;PCDHA9;PC		0.00656232	0.393104	1.24537	1.24537	0.00581753	0.404165	-2.47424	0.333396	0.778595	-1.28436	0.534773	1.17079	1.17079	0.00244188	0.347225	-2.87998	0.0577804	1.71272	1.71272	0.00994938	2.26271	2.26271	0.933065	1.02129	1.02129	0.0734059	0.606229	-1.64954	6.74935	6.72518	0.885705	1
cg14676529	DHA7;PCDHA1;PCDHA6;PCDHA4;PCDH A10;PCDHA1;PCDHA6;PCDHA5;PCD HA5;PCDHA3;PCDHA4;PCDHA10;P		0.0321094	0.0436169	7.64218	7.64218	0.0068039	21.6274	21.6274	0.0817762	5.42392	5.42392	0.278221	2.68703	2.68703	0.311531	2.50385	2.50385	0.0805526	5.46897	5.46897	0.0053948	24.8042	24.8042	0.0183035	12.3077	12.3077	0.0555054	6.70245	6.70245	3.989	48.5509	10.8188	1
cg13592931	DHA7;PCDHA1;PCDHA6;PCDHA10;PCD HA5;PCDHA3;PCDHA4;PCDHA10;P PCDHA6;PCDHA2;PCDHA1;PCDHA9;PC		0.0379989	0.0275302	6.74452	6.74452	0.0159191	8.68781	8.68781	0.102122	3.70672	3.70672	0.151245	3.08387	3.08387	0.260951	2.35976	2.35976	0.0442662	5.43099	5.43099	0.00518925	14.9046	14.9046	0.0245594	7.10733	7.10733	0.0825093	4.08915	4.08915	3.75318	31.8766	7.54954	1
cg18283342	DHA7;PCDHA1;PCDHA6;PCDHA10;PCD HA5;PCDHA3;PCDHA4;PCDHA10;P PCDHA6;PCDHA2;PCDHA1;PCDHA9;PC		0.0441499	0.038264	8.58638	8.58638	0.0106567	17.7258	17.7258	0.0377542	8.65074	8.65074	0.153701	3.92637	3.92637	0.170589	3.69401	3.69401	0.194792	3.41468	3.41468	0.0541917	7.07539	7.07539	0.00931849	19.1731	19.1731	0.0340793	9.15875	9.15875	3.55076	45.0917	11.2882	1
cg11784196	DHA7;PCDHA1;PCDHA6;PCDHA5;PCDH A10;PCDHA10;PCDHA10;PCDHA3; PCDHA6;PCDHA2;PCDHA1;PCDHA9;PC	4.09E-07	1.52E-05	0.359001	-2.78551	2.78E-05	2.56884	2.56884	0.000276313	0.50627	-1.97523	0.000237135	0.498447	-2.00623	5.53E-06	3.23307	3.23307	0.439285	1.09438	1.09438	4.12E-07	0.192418	-5.19703	4.75E-06	3.31167	3.31167	2.94E-05	0.391989	-2.55109	92.0934	19.0673	0.184039	1
cg04617043	DHA7;PCDHA1;PCDHA6;PCDHA5;PCDH A10;PCDHA10;PCDHA

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09936799	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	1.32E-05	0.057004	1.56015	1.56015	0.00177518	2.50699	2.50699	0.599581	0.896364	-1.11562	0.0897311	1.47155	1.47155	0.125512	1.40836	1.40836
cg20970845	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.000578536	0.0567269	1.63156	1.63156	0.00131801	2.88886	2.88886	0.435368	0.834729	-1.19799	0.00425252	0.419618	-2.38312	0.00242534	2.60742	2.60742
cg14995055	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.00159729	0.313275	1.21081	1.21081	0.0229428	0.607119	-1.64712	0.0679595	0.687324	-1.45492	0.312447	1.21124	1.21124	0.240443	0.798182	-1.25285
cg16555533	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.00230028	0.103295	1.57693	1.57693	0.00484971	2.59831	2.59831	0.970412	1.00953	1.00953	0.127395	1.52408	1.52408	0.00982085	2.30329	2.30329
cg17093478	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.00297524	0.0239404	2.50117	2.50117	0.00678302	3.30003	3.30003	0.144589	1.70445	1.70445	0.126595	1.75476	1.75476	0.00239448	4.22015	4.22015
cg01042202	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.00395914	0.0120496	3.00049	3.00049	0.349017	0.712961	-1.4026	0.0130346	2.94758	2.94758	0.053194	2.16162	2.16162	?	?	?
cg00617867	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.00474112	0.0842757	1.61707	1.61707	0.000873376	3.51247	3.51247	0.0328345	1.87428	1.87428	0.0432456	1.79521	1.79521	0.0163879	2.09229	2.09229
cg24648119	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.0104738	0.0259264	3.59519	3.59519	0.00416316	6.41477	6.41477	0.0281743	3.50577	3.50577	0.0882779	2.48486	2.48486	0.0158346	4.18028	4.18028
cg18906028	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.0281177	0.246471	1.85504	1.85504	0.678998	1.23635	1.23635	0.103122	0.402928	-2.48183	0.837999	0.900889	-1.11001	0.793953	0.875073	-1.14276
cg23985374	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.0466345	0.0328357	4.20363	4.20363	0.0190878	5.11288	5.11288	0.0859789	2.9783	2.9783	0.169654	2.31973	2.31973	0.00911881	6.72191	6.72191
cg17482089	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA11;PCDHA11;PCDHA10;PCDHA3;	0.00437195	0.00666235	7.67087	7.67087	0.00240153	11.5595	11.5595	0.0496234	3.65532	3.65532	0.0289292	4.43922	4.43922	0.0024365	11.4899	11.4899
cg19928377	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA11;PCDHA11;PCDHA10;PCDHA3;	0.00597217	0.00899383	5.19503	5.19503	0.00168708	9.26535	9.26535	0.0477196	3.07433	3.07433	0.0645079	2.80157	2.80157	0.0126194	4.65694	4.65694
cg03391642	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA11;PCDHA11;PCDHA10;PCDHA3;	0.0126798	0.0400259	2.30436	2.30436	0.0194601	2.70092	2.70092	0.284017	1.4792	1.4792	0.308162	1.44924	1.44924	0.013775	2.91839	2.91839
cg22869668	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA11;PCDHA11;PCDHA10;PCDHA3;	0.0271937	0.095161	2.2755	2.2755	0.0150339	3.81974	3.81974	0.58803	1.27793	1.27793	0.0801088	2.38845	2.38845	0.675733	1.2076	1.2076
cg10418237	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA10;PCDHA10;P	0.00517053	0.0149222	2.68488	2.68488	0.000735233	5.43206	5.43206	0.117094	1.75354	1.75354	0.234387	1.50871	1.50871	0.00990041	2.93034	2.93034
cg12193929	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA10;PCDHA10;P	0.00593691	0.0478178	2.37845	2.37845	0.0387587	2.50029	2.50029	0.0393682	2.49102	2.49102	0.15678	1.7859	1.7859	0.00762147	3.72015	3.72015
cg19876814	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.0156426	0.0405264	5.95094	5.95094	0.00891226	12.2919	12.2919	0.0652857	4.75976	4.75976	0.11829	3.59174	3.59174	0.0185917	8.59791	8.59791
cg00275741	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.0180025	0.0316902	7.046	7.046	0.013598	10.6636	10.6636	0.100857	4.02704	4.02704	0.248959	2.54511	2.54511	0.0217749	8.45472	8.45472
cg25967418	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.0277413	0.057751	3.40226	3.40226	0.171328	2.29601	2.29601	0.449209	1.55284	1.55284	0.268281	1.93102	1.93102	0.011162	6.14185	6.14185
cg01202150	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.0293703	0.0266203	16.6741	16.6741	0.101197	6.83539	6.83539	0.2662	3.45797	3.45797	0.106009	6.62375	6.62375	0.283521	3.29773	3.29773
cg02051771	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.040569	0.0341788	12.495	12.495	0.0572933	9.00117	9.00117	0.251052	3.40549	3.40549	0.197449	4.02334	4.02334	0.0278391	14.2413	14.2413
cg27352639	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1;PCDHA9;	0.00333978	0.822412	1.01671	1.01671	0.0100714	1.27049	1.27049	0.0856472	1.15033	1.15033	0.69381	0.971253	-1.0296	0.00129558	0.707868	-1.41269
cg15923943	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHAC2;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.0339391	0.0225792	0.425453	-2.35044	0.0975088	1.76651	1.76651	0.372822	0.751025	-1.33151	0.474192	0.796305	-1.2558	0.559743	0.831469	-1.20269
cg26318513	PCDHA7;PCDHA12;PCDHA6;PCDHA13;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	1.94E-05	0.0158937	1.44171	1.44171	0.000863323	0.538182	-1.85811	0.178963	0.837901	-1.19346	0.0071923	1.53691	1.53691	2.23E-06	0.238556	-4.19189
cg26224918	PCDHA7;PCDHA12;PCDHA6;PCDHA13;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.00228552	0.401049	1.14201	1.14201	0.55285	1.09719	1.09719	0.295795	1.18234	1.18234	0.0218754	1.52956	1.52956	0.746617	0.951148	-1.05136
cg02004641	PCDHA7;PCDHA12;PCDHA6;PCDHAC1;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.000841654	0.374774	0.696468	-1.43582	0.531322	0.777412	-1.28632	3.17E-05	0.0400463	-24.9711	?	?	?	0.140837	1.87569	1.87569
cg23026864	PCDHA7;PCDHA12;PCDHA6;PCDHAC1;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.00923192	0.636943	1.18344	1.18344	0.97945	1.00917	1.00917	0.476474	1.29237	1.29237	0.363255	1.3924	1.3924	0.185531	1.64436	1.64436
cg23953697	PCDHA7;PCDHA12;PCDHA6;PCDHAC1;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.0101342	0.0737054	0.420144	-2.38014	0.142833	0.506092	-1.97592	0.0195873	3.46648	3.46648	0.0694433	0.413209	-2.42008	0.00333564	0.165813	-6.0309
cg17852221	PCDHA7;PCDHA13;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.0106572	0.0136673	4.57997	4.57997	0.106086	2.41241	2.41241	0.408079	1.52531	1.52531	0.0357261	3.38504	3.38504	0.0103951	5.00292	5.00292
cg02500479	PCDHA7;PCDHA13;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.0226052	0.0175119	2.33601	2.33601	0.057718	1.87697	1.87697	0.15379	1.56528	1.56528	0.449628	1.25365	1.25365	0.0353834	0.487306	-2.0521
cg22150440	PCDHA7;PCDHA13;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.0296316	0.0625811	3.18716	3.18716	0.0285922	4.17288	4.17288	0.678437	1.25936	1.25936	0.177292	2.21029	2.21029	0.043379	3.61483	3.61483
cg25027798	PCDHA7;PCDHA13;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.0332487	0.0225138	10.9944	10.9944	0.0337788	8.79913	8.79913	0.143577	3.96991	3.96991	0.222734	3.07732	3.07732	0.0153312	13.6134	13.6134
cg18134262	PCDHA7;PCDHA13;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.0448164	0.0320365	3.7137	3.7137	0.030621	3.76879	3.76879	0.451458	1.49292	1.49292	0.256122	1.85742	1.85742	0.0336877	3.65344	3.65344
cg13619597	PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA12;PCDHA12;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	6.03E-06	0.00107314	2.02085	2.02085	0.401034	1.13334	1.13334	0.000835526	2.07939	2.07939	0.000297982	2.3566	2.3566	1.53E-05	3.68348	3.68348
cg15122993	PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA12;PCDHA12;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.00306998	0.00242951	6.78735	6.78735	0.0162089	3.79715	3.79715	0.0123069	4.11402	4.11402	0.028736	3.22341	3.22341	0.0243409	3.3791	3.3791
cg13295463	PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA12;PCDHA12;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.00450528	0.00561595	5.11617	5.11617	0.387439	1.48848	1.48848	0.544104	1.31743	1.31743	0.151938	1.99207	1.99207	0.0070951	4.76777	4.76777
cg21533977	PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA12;PCDHA12;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.0156112	0.0697154	1.64362	1.64362	0.0350489	1.82504	1.82504	0.328143	1.28051	1.28051	0.14391	1.46906	1.46906	0.0247485	1.92487	1.92487
cg22845236	PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA12;PCDHA12;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.037157	0.0291055	4.89169	4.89169	0.0262739	5.08891	5.08891	0.419759	1.66344	1.66344	0.859996	0.896744	-1.11514	0.0727801	3.44044	3.44044
cg01369220	PCDHA7;PCDHA6;PCDHA11;PCDHA11;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.00292598	0.00437979	3.79904	3.79904	0.0286656	2.4728	2.4728	0.61894	0.838735	-1.19227	0.0175254	2.75666	2.75666	0.00511289	0.273201	-3.6603

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09936799	8.14E-06	7.48604	7.48604	1.20E-06	13.3469	13.3469	1.58E-05	6.29854	6.29854	6.86E-05	4.49678	4.49678	37.7609	25.5084	0.600466	1
cg20970845	0.000547963	3.38252	3.38252	0.000656782	3.27063	3.27063	0.00649862	2.23204	2.23204	0.896169	1.03008	1.03008	13.7225	11.1978	0.725348	1
cg14995055	0.855879	1.03391	1.03391	6.27E-05	3.86586	3.86586	0.0578758	1.48182	1.48182	0.0181908	1.692	1.692	10.2915	5.4831	0.473584	1
cg16555533	0.00351123	2.75112	2.75112	0.000164937	5.16304	5.16304	0.00379945	2.71264	2.71264	0.0072405	2.42476	2.42476	9.25566	9.57834	0.919878	1
cg17093478	0.0179301	2.6614	2.6614	0.000147405	9.21759	9.21759	0.00862005	3.12618	3.12618	0.0192362	2.62135	2.62135	8.57923	15.7338	1.63017	1
cg01042202	0.00931373	3.18232	3.18232	0.000257226	8.2606	8.2606	0.0578402	2.12252	2.12252	0.351744	1.39977	1.39977	8.04889	13.9547	1.73374	1
cg00617867	0.00825573	2.3398	2.3398	0.000715408	3.65584	3.65584	0.010598	2.24535	2.24535	0.0390847	1.82383	1.82383	7.45848	7.48033	0.891493	1
cg24648119	0.0346476	3.29356	3.29356	0.0010787	10.342	10.342	0.0182878	3.99899	3.99899	0.115658	2.28792	2.28792	5.8236	21.6017	3.29719	1
cg18906028	0.0778732	0.368269	-2.7154	0.00183959	9.53938	9.53938	0.0657569	2.86542	2.86542	0.907454	0.942433	-1.06108	4.1816	17.2145	3.65931	1
cg23985374	0.0310376	4.2894	4.2894	0.59538	1.3611	1.3611	0.0478129	3.67507	3.67507	0.0519873	3.56684	3.56684	3.47863	18.2277	4.65771	1
cg17482089	0.00746504	7.34134	7.34134	0.00102289	16.7355	16.7355	0.0133599	5.89121	5.89121	0.0696976	3.23478	3.23478	7.64433	40.5475	4.7149	1
cg19928377	0.0417368	3.20385	3.20385	0.000806743	12.2766	12.2766	0.0128528	4.62972	4.62972	0.0299471	3.54971	3.54971	6.94913	27.0819	3.46415	1
cg03391642	0.0394737	2.31137	2.31137	0.00199348	4.64282	4.64282	0.00252383	4.3713	4.3713	0.0489693	2.20504	2.20504	5.47452	10.7281	1.74191	1
cg22869668	0.771239	0.877455	-1.13966	0.00124639	8.28783	8.28783	0.0411859	2.87547	2.87547	0.665791	1.21514	1.21514	4.23104	13.4736	2.83063	1
cg10418237	0.0101967	2.91178	2.91178	0.00385659	3.6131	3.6131	0.00265757	3.94036	3.94036	0.0442485	2.14348	2.14348	7.26377	12.5221	1.53237	1
cg12193929	0.0146061	3.16299	3.16299	0.000298214	9.52495	9.52495	0.683974	1.16965	1.16965	0.293584	0.658905	-1.51767	6.96183	16.1667	2.06417	1
cg19876814	0.0136808	9.96461	9.96461	0.00193163	27.3401	27.3401	0.0249978	7.46933	7.46933	0.0496216	5.41267	5.41267	5.1092	46.0005	8.00308	1
cg00275741	0.0463865	5.86364	5.86364	0.002585	25.4693	25.4693	0.00967338	12.6539	12.6539	0.0255683	7.81846	7.81846	4.8749	46.399	8.46039	1
cg25967418	0.0287605	4.35745	4.35745	0.00170996	12.8781	12.8781	0.0914864	2.88797	2.88797	0.0515129	3.54295	3.54295	4.20149	21.6718	4.58499	1
cg01202150	0.0310589	15.0389	15.0389	0.00155496	130.513	130.513	0.0324086	14.6177	14.6177	0.0504102	10.8932	10.8932	4.11769	74.7928	16.1456	1
cg02051771	0.152691	4.78299	4.78299	0.00415147	50.7112	50.7112	0.0238175	15.7378	15.7378	0.0454309	10.4287	10.4287	3.66401	60.5861	14.6982	1
cg27352639	0.385945	0.936579	-1.06772	0.00105946	0.699846	-1.42888	0.112843	1.13567	1.13567	0.417685	0.940772	-1.06296	8.28909	0.713434	0.0765058	1
cg15923943	0.0707997	0.531654	-1.88092	0.00691744	0.334914	-2.98584	0.116077	1.70654	1.70654	0.189509	0.647316	-1.54484	3.91037	6.0651	1.37869	1
cg26318513	0.00304445	0.604794	-1.65346	7.79E-06	0.296838	-3.36884	0.403971	1.11158	1.11158	0.0755045	0.782626	-1.27775	34.1323	8.2949	0.21602	1
cg26224918	0.0785572	1.35237	1.35237	0.000204141	2.61625	2.61625	0.00552179	1.75673	1.75673	0.000352192	2.42791	2.42791	9.27314	3.50544	0.336018	1
cg02004641	?	?	?	0.00539431	0.233525	-4.28221	0.292398	0.648075	-1.54303	0.245992	1.61896	1.61896	13.0224	25.2924	2.21968	1
cg23026864	0.729865	0.884437	-1.13066	0.000160789	0.10193	-9.81069	0.38403	0.728903	-1.37192	0.213035	0.628387	-1.59137	6.06318	12.0523	1.76691	1
cg23953697	0.00451788	0.183456	-5.45089	0.0528034	0.382729	-2.61281	0.332655	1.53633	1.53633	0.839922	0.917133	-1.09035	6.68754	18.9598	2.20507	1
cg17852221	0.0205847	4.02136	4.02136	0.000904165	11.909	11.909	0.00833894	5.37701	5.37701	0.0746191	2.69365	2.69365	5.79122	22.8328	3.50459	1
cg02500479	0.123774	1.63088	1.63088	0.0763909	1.78326	1.78326	0.00540979	2.92771	2.92771	0.100838	1.69436	1.69436	4.51168	6.15208	1.21208	1
cg22150440	0.0504187	3.43287	3.43287	0.00166666	12.0301	12.0301	0.0472214	3.51098	3.51098	0.0678396	3.09984	3.09984	4.10479	19.8895	4.30706	1
cg25027798	0.0213383	11.325	11.325	0.0097791	17.5652	17.5652	0.0230359	10.8561	10.8561	0.068507	5.9839	5.9839	3.93941	48.0196	10.8351	1
cg18134262	0.0722269	2.85194	2.85194	0.00756301	6.01833	6.01833	0.0147379	4.79613	4.79613	0.241332	1.89771	1.89771	3.53093	15.2579	3.84109	1
cg13619597	1.77E-05	3.58968	3.58968	1.45E-07	11.0345	11.0345	0.00609539	1.6843	1.6843	0.00601372	1.68653	1.68653	46.253	15.5327	0.298506	1
cg15122993	0.0237599	3.40244	3.40244	0.000137595	19.9069	19.9069	0.0121434	4.13018	4.13018	0.0750147	2.45858	2.45858	8.49972	27.7118	2.89806	1
cg13295463	0.0133232	3.96199	3.96199	0.000311092	13.8226	13.8226	0.00548207	5.15387	5.15387	0.0182556	3.61991	3.61991	7.57503	24.1865	2.83816	1
cg21533977	0.00857275	2.27375	2.27375	0.000875563	3.39571	3.39571	0.0227021	1.95061	1.95061	0.279275	1.31727	1.31727	5.1126	4.85917	0.844827	1
cg22845236	0.821845	1.14938	1.14938	0.00291128	12.4984	12.4984	0.0487508	4.01256	4.01256	0.0965577	3.08405	3.08405	3.78402	22.8379	5.36476	1
cg01369220	0.0144079	2.88017	2.88017	0.0285161	2.47563	2.47563	0.00381648	3.92826	3.92826	0.0192816	2.69873	2.69873	8.62183	16.7988	1.73191	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(1 057 vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(1 117 vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(1 127 vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(1 217 vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(3 477 vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(5 537 vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(5 377 vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg25024993	PCDHA7;PCDHA6;PCDHA11;PCDHA11;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.00465464	0.00305817	8.92673	8.92673	0.0596382	3.14899	3.14899	0.405476	1.58298	1.58298	0.363093	0.603849	-1.65604	0.0192237	0.216855	-4.61138	0.149349	2.30331	2.30331	0.0481657	0.2956516	-3.38277	0.00127424	12.6298	12.6298	0.683676	1.24742	1.24742	7.50036	34.5951	4.09997	1
cg08772837	PCDHA7;PCDHA2;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.010357	0.741471	0.900645	-1.10297	0.00133207	3.97942	3.97942	0.0193557	2.30984	2.30984	0.74489	1.10148	1.10148	0.022147	0.443965	-2.25243	0.142415	1.59485	1.59485	0.34161	1.33653	1.33653	0.0184936	2.32966	2.32966	0.532015	0.829125	-1.20609	5.84459	8.11162	1.23368	1
cg24119225	PCDHA7;PCDHA2;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0480488	0.261302	0.747314	-1.33812	0.410076	1.23301	1.23301	0.843839	1.05026	1.05026	0.153878	0.684149	-1.46167	0.679852	1.10868	1.10868	0.0935929	1.5817	1.5817	0.00237451	2.86783	2.86783	0.132842	1.4966	1.4966	0.606841	1.13775	1.13775	3.43965	3.36766	0.870286	1
cg25487047	PCDHA9;PCDHA6;PCDHA6;PCDHA4;PCDHA3;PCDHA1;PCDHA10;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0004211	0.0171733	0.55567	-1.79963	0.0079349	0.502177	-1.99133	0.0560042	0.645331	-1.54959	0.195818	1.31889	1.31889	0.0108043	0.523174	-1.91141	0.001307	0.38792	-2.57785	0.00208647	0.4162777	-2.40224	0.00114732	3.93216	3.93216	0.553101	0.885676	-1.12908	14.9861	9.71727	0.576371	1
cg08935663	PCDHAC1;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	5.72E-05	0.757626	0.941313	-1.06235	0.000946664	0.381725	-2.61968	0.00710116	0.50685	-1.97297	0.202655	0.768902	-1.30056	1.27E-06	0.0877665	-11.3939	0.00760699	0.511403	-1.95541	0.020163	0.57839	-1.72894	0.303688	1.23139	1.23139	9.87E-05	0.259011	-3.86084	25.6846	15.5289	0.537421	1
cg19337703	PCDHAC1;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.000626997	0.596153	0.960944	-1.04064	0.0723486	1.16111	1.16111	0.00191637	0.720879	-1.3872	0.140563	1.12534	1.12534	0.106013	1.14055	1.14055	3.11E-05	1.83188	1.83188	0.014159	1.25294	1.25294	0.177568	0.898764	-1.11264	0.473682	0.947165	-1.05578	13.4181	1.17916	0.0781141	1
cg22886139	PCDHAC1;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0415894	0.045567	4.33727	4.33727	0.0536142	4.06585	4.06585	0.519486	1.51874	1.51874	0.179662	2.48939	2.48939	0.39127	1.75442	1.75442	0.0319365	4.99637	4.99637	0.00722331	9.19363	9.19363	0.0123294	7.34669	7.34669	0.0296918	5.14392	5.14392	3.63052	23.5489	5.76567	1
cg04454086	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.000413906	0.0218285	0.780442	-1.28133	0.529443	0.944232	-1.05906	0.00399605	0.145691	-1.41691	0.261599	1.11121	1.11121	0.669955	0.962119	-1.03937	0.435241	0.930805	-1.07434	0.000435991	0.6060772	-1.64997	0.00020959	1.74814	1.74814	0.00130461	1.52451	1.52451	15.0576	1.93481	0.114217	1
cg21537235	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.00276304	0.2690777	0.822884	-1.21524	0.275249	1.21197	1.21197	0.000972263	2.29624	2.29624	0.28713	0.829284	-1.20586	0.022218	0.628617	-1.59079	0.588621	1.09689	1.09689	0.000441359	0.386774	-2.58549	0.609876	0.916533	-1.09107	0.658375	1.07828	1.07828	8.76937	3.98392	0.403821	1
cg05783854	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0114607	0.17607	1.24013	1.24013	0.0130234	1.58558	1.58558	0.00566999	1.72113	1.72113	0.572767	0.918269	-1.08901	0.715841	0.946771	-1.05622	0.448762	1.12243	1.12243	0.274666	0.843621	-1.18537	0.00667211	1.69316	1.69316	0.00411683	1.77848	1.77848	5.65711	2.00561	0.315137	1
cg25962358	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0153435	0.0535144	3.01835	3.01835	0.00420331	6.89899	6.89899	0.0185827	4.21098	4.21098	0.727797	1.19247	1.19247	0.0451749	3.18261	3.18261	0.0272913	3.72779	3.72779	0.00400126	7.01859	7.01859	0.00943667	5.24592	5.24592	0.401748	1.54085	1.54085	5.14202	20.6677	3.57278	1
cg26882009	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0409968	0.565508	1.07194	1.07194	0.138484	0.826369	-1.21011	0.514387	0.92398	-1.08227	0.453746	0.912782	-1.09555	0.070032	0.784887	-1.27407	0.225327	0.858754	-1.16448	0.314914	0.883145	-1.13232	0.000841912	0.548562	-1.82295	0.379868	0.897881	-1.11373	3.64984	0.826558	0.201301	1
cg23440413	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.00252704	0.00415876	0.503994	-1.98415	0.126334	0.744522	-1.34314	0.46198	0.874963	-1.14291	0.617659	1.09392	1.09392	0.00773436	0.400445	-2.49722	0.00570945	0.523862	-1.9089	0.000250481	0.340444	-2.93734	0.633934	0.917985	-1.08934	0.205815	0.788148	-1.2688	9.00348	4.53724	0.447949	1
cg23347718	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0120883	0.000930087	0.374908	-2.66732	0.142543	1.36732	1.36732	0.331146	1.2202	1.2202	0.405524	0.844584	-1.18402	0.0436826	0.631116	-1.58449	0.132223	0.724364	-1.38052	0.154341	0.738876	-1.35341	0.110108	1.41289	1.41289	0.050679	0.642745	-1.55583	5.56026	3.46919	0.554601	1
cg18991549	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.022661	0.0270156	0.654418	-1.52808	0.369701	1.16095	1.16095	0.332725	1.17571	1.17571	0.00276515	0.512359	-1.95176	0.755888	0.950735	-1.05182	0.627245	1.0825	1.0825	0.0515837	0.698415	-1.43181	0.108188	1.32832	1.32832	0.303065	1.18988	1.18988	4.50785	1.87365	0.36946	1
cg12832313	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA2;PCDHA1	0.0393184	0.483108	0.762187	-1.31201	0.368494	1.4218	1.4218	0.0136321	3.19836	3.19836	0.6451	1.19327	1.19327	0.503048	0.771862	-1.29557	0.044431	0.414989	-2.4097	0.0458599	0.4181018	-2.39173	0.0251614	0.362564	-2.75813	0.459837	0.750722	-1.33205	3.7065	8.52152	2.04362	1
cg19900022	PCDHB1	0.00811974	0.0200794	0.451323	-2.21571	0.538006	1.19347	1.19347	0.947298	0.981425	-1.01893	0.0714199	0.564922	-1.77016	0.005382779	0.353677	-2.82744	0.00392905	0.332639	-3.00626	0.000970263	0.248424	-4.02532	0.125747	0.625037	-1.59991	0.5772	0.852364	-1.17321	6.314655	8.04589	1.13261	1
cg06899976	PCDHB10	0.00430169	0.0043347	2.03797	-1.82873	0.0042916	1.52869	-1.89151	0.84425	1.65056	-1.03335	0.0902014	1.333802	-1.79495	0.771168	-1.29677	0.0939985	1.6882	1.6882	0.000148372	6.38862	6.38862	0.00696642	2.69864	2.69864	0.0198321	2.22533	2.22533	7.36108	9.42909	1.13861	1
cg20649716	PCDHB10	0.00495012	0.0158571	2.31706	2.31706	0.0121642	2.43197	2.43197	0.203639	1.46461	1.46461	0.282611	1.37372	1.37372	0.335788	1.32613	1.32613	0.0939985	1.6882	1.6882	0.000148372	6.38862	6.38862	0.00696642	2.69864	2.69864	0.0198321	2.22533	2.22533	7.36108	9.42909	1.13861	1
cg09088965	PCDHB10	0.00512395	0.00845589	2.78449	2.78449	0.983387	1.00636	1.00636	0.0594102	1.91196	1.91196	0.449565	1.60098	1.60098	0.0223599	0.434466	-2.30167	0.00316334	3.41508	3.41508	0.00238401	3.63185	3.63185	0.0113225	2.62721	2.62721	0.250893	1.4411	1.4411	7.2839	10.7019	1.306	1
cg27124774	PCDHB10	0.00891738	0.0143209	-1.62811	0.0350253	2.62484	2.62484	0.00398367	2.73624	2.73624	0.613349	1.14167	1.14167	0.0224187	0.491017	-2.03659	0.8174496	1.06195	1.06195	0.454498	0.8202484	-1.21909	0.00532112	2.59839	2.59839	0.163939	1.14142	1.14142	6.77655	7.25693	0.9519	1
cg12193927	PCDHB10	0.0196301	0.040245	0.430501	-2.32287	0.600267	0.828581	-1.20688	0.482428	1.28903	1.28903	0.578565	0.819094	-1.22086	0.00891661	0.306265	-3.26515	?	?	?	0.0130469	0.3344452	-2.98997	0.0285114	2.50721	2.50721	0.440997	1.32239	1.32239	4.82071	8.58349	1.78054	1
cg23481795	PCDHB10	0.0310664	0.104538	1.71841	1.71841	0.0707544	1.85174	1.85174	0.0693877	1.85608	1.85608	0.127021	1.65465	1.65465	0.0284206	2.20347	2.20347	0.00812508	1.80356	1.80356	0.00800699	2.76071	2.76071	0.00302065	3.45556	3.45556	0.0706599	1.8522	1.8522	4.03635	5.95202	1.31076	1
cg22949767	PCDHB10	0.0371962	0.0197948	2.90869	2.90869	0.253508	1.57222	1.57222	0.114867	1.91663	1.91663	0.886151	1.05586	1.05586	0.156104	0.562293	-1.77843	0.2688851	0.645996	-1.548	0.0301402	0.38002	-2.63144	0.0275847	2.68731	2.68731	0.80059	0.908432	-1.1008	3.78256	8.62522	2.0269	1
cg20479205	PCDHB10	0.0424831	0.133684	1.54052	1.54052	0.0736352	1.71145	1.71145	0.170724	1.47652	1.47652	0.0366629	1.91274	1.91274	0.36588	1.28168	1.28168	0.157373	1.40769	1.40769	0.1100099	1.59235	1.59235	0.00138958	3.44801	3.44801	0.00140384	1.6431	1.6431	5.60201	4.07108	1.00464	1
cg05898102	PCDHB10;PCDHB10	0.0181703	0.12786	1.834733	-1.2274	0.00106123	0.54748	-1.82655	0.437885	0.906201	-1.10351	0.687969	0.950991	-1.05153	0.0149319	0.688975	-1.45143	0.818532	1.02902	1.02902	0.110147	0.805152	-1.242	0.234655	1.16772	1.16772	0.222724	1.1729	1.1729	4.8597	1.1924	0.218103	1
cg16235371	PCDHB10;PCDHB10	0.0311863	0.602066	0.908021	-1.1013	0.2234889	0.60878	-1.64263	0.824507	0.960085	-1.04157	0.335661	1.19972	1.19972	0.264728	0.808003	-1.23762	0.1120056	0.72808	-1.37348	0.00102201	0.409406	-2.44256	0.28653	0.816292	-1.22505	0.237189	0.796822	-1.25499	4.03081	2.14738	0.473548	1
cg24533097	PCDHB11	1.16E-06	0.000343932	2.56092	2.56092	0.00491157	0.410269	-2.43743	0.000122082	2.98785	2.98785	0.0467762	0.680688	-1.44953	0.3330108	0.574693	-1.54974	2.08E-05	0.246149	-4.06258	4.37E-07	0.0968655	-10.3236	0.00053355	2.41033	2.41033	5.28E-05	0.291564	-3.42978	70.581	29.773	0.374958	1
cg17347682	PCDHB11	5.07E-05	0.811189	0.945398	-1.05776	0.24364	0.7511	-1.33138	0.415841	0.822741	-1.21545	0.258998	1.31823	1.31823	6.02E-06	0.0925	-10.8108	0.00705273	0.441728	-2.26384	2.71E-05	0.1433	-6.97836	0.000648625	3.41159	3.41159	0.00655603	0.436697	-2.28992	26.5262	23.125	0.774915	1
cg18417245	PCDHB11	0.000391097	0.147221	1.55733	1.55733	0.25183	1.40017	1.40017	0.0019827	3.41562	3.41562	0.661575	1.13181	1.13181	0.000435869	0.727555	-1.40421	0.000388226	0.203749	4.908	0.145151	0.641496	-1.55886	0.000167596	4.19661	4.19661	0.06215153	0.554086	-1.80477	15.2086	19.0627	1.11298	1
cg24117214	PCDHB11	0.00186897	0.0520394	2.51685	2.51685	0.206028	2.02417	2.02417	0.0143413	3.72014	3.72014	0.605458	0.699633	-1.42932	0.00753984	0.0676439	-14.8934	0.00257567	0.109806	-9.10699	0.00996772	0.17901	-5.58627	0.0296198	3.8717	3.8717	0.107772	0.395441	-2.52882	9.83386	43.5234	3.9341	1
cg16051002	PCDHB11	0.00221317	0.857622	1.08645	1.08645	0.00160469	8.08101	8.08101	0.396224	0.669544	-1.49355	0.753433	0.86459	-1.15662	0.170852	0.510003	-1.96077	0.341994	0.636304	-1.57158	0.175191	0.513903	-1.94589	0.000103757	23.8011	23.8011	0.906921	1.05549	1.05549	9.36093	31.6086	3.00147	1
cg04540105	PCDHB11	0.00287981	0.676233	1.1802	1.1802	0.00244485	10.3256	10.3256	0.0222768	2.9466	2.9466	0.482178	1.32551	1.32551	0.168454	2.50049	-2.74414	0.478823	0.752746	-1.32847	0.368875	0.694837	-1.43919	0.000836086	7.26268	7.26268	0.999416	1.00029	1.00029	8.66258	21.3509	2.19087	1
cg12319486	PCDHB11	0.0029564	0.0220417	1.64045	1.64045	0.119542	1.3559	1.3559	0.233753	1.25235	1.25235	0.0143501	1.72305	1.72305	0.0757232	0.700245	-1.42807	0.122876	1.35162	1.35162	0.0653753	1.45185	1.45185	7.80E-05	3.62774	3.62774	0.105925	1.37481	1.37481	8.59542	4.42295	0.457397	1
cg05812276	PCDHB11	0.0029886	0.4543133	1.64842	1.64842	0.0156511	1.02763	1.02763	0.2644511	1.68682	1.68682	0.339854	1.5561	1.5561	0.00216207	0.144482	-6.92126	0.00752232	0.213058	-4.69355	0.0211329	0.2883144	-3.46844	0.00145206	2.90849	2.90849	0.0589656	0.383409	-2.60818	8.56283	27.4196	2.84871	1
cg14065590	PCDHB11	0.0225762	0.277913	1.68825	1.68825	0.0251238	1.43141	1.43141	0.2113838	1.83869	1.83869	0.457099	1.42005	1.42005	0.00742791	0.202557	-4.93688	0.0353296	0.321437	-3.11103	0.651788	1.23414	1.23414	0.083255	2.43038	2.43038	0.8188274	0.524349	-1.90713	4.51367	15.33	3.01808	1
cg16049600	PCDHB11	0.0440391	0.73192	1.28783	1.28783	0.5521	1.55662	1.55662	0.120913	1.44606	1.44606	0.873574	1.12428	1.12428	0.00561662	0.0689472	-14.5039	0.199239	0.368680	-2.71231	0.131995	3.3067	0.3067	0.0354099	6.06104	6.06104	0.714141	0.762896	-1.31079	3.55409	30.4606	7.61829	1
cg14522441	PCDHB12;PCDHB11	0.00609662	0.1233099	1.54288	1.54288	0.344427	1.31788	1.31788	0.163089	1.47163	1.47163	0.277553	1.34232	1.34232	0.000386525	0.2330082	-4.34628	0.1191646	1.644725	-1.55305	0.000134359	1.556466	1.556466	0.00251573	2.97104	2.97104	0.545922	1.17188	1.17188	13.0286	13.8984	0.94823	1
cg15548198	PCDHB12	9.68E-05	0.000344103	0.158541	-6.30751	0.00708862	3.04087	3.04087	0.394256	0.75659	-1.32172	0.638752	1.16316	1.16316	0.00647652	0.322566	-3.10014	0.00235074	0.257474	-3.88389	6.11E-05	10.6469	10.6469	0.000206986	7.28541	7.28541	0.683371	0.877143	-1.14006	22.3318	36.14	1.43851	1
cg04759557	PCDHB12	0.000809961	0.00100206	2.24453	2.24453	0.00225947	2.02855	2.02855	0.243357	1.22392	1.22392	0.14966	1.29134	1.29134	0.00212564	2.04352	2.04352	0.078271	1.38235	1.38235	1.82E-05	3.69688	3.69688	0.00225418	2.02912	2.02912	0.0544646	1.43499	1.43499	12.4885	5.41877	0.385689	1
cg08985570	PCDHB12	0.00431894	0.057742	2.04288	2.04288	0.0961291	1.83739	1.83739	0.00863015	3.04933	3.04933	0.0325192	2.30058	2.30058	0.0315289	0.386496	-2.58735	0.145625	1.68233	1.68233	0.00078488	5.57159	5.57159	0.0116996	2.85415	2.85415	0.026882	1.39348	1.39348	7.67262	13.4695	1.56047	1
cg17047981	PCDHB12	0.0309196	0.503899	0.658781	-1.51796	0.890802	0.919019	-1.08812	0.845356	0.886775	-1.12768	0.18914	0.424859	-2.35372	0.0831086	3.25643	3.25643	0.229774	0.460521	-2.17146	0.0160768	6.12748	6.12748	0.00336763	11.6374	11.6374	0.929024	1.05635	1.05635	4.04317	24.247	5.3307	1
cg07899016	PCDHB12;PCDHB12	0.0197582	0.1397066	1.4824477	1.4824477	0.1894526	1.06273	1.06273	0.2457364	1.71976	1.71976	0.495385	1.19454	1.19454	0.0001039	4.5772447	-2.28505	0.1125841	0.8878209	-1.12624	0.5132876	1.948	1.948	0.0020563	3.92154	3.92154	0.0026538	0.772321	6.77231	0.462002	1.40981	4.72404	2.96187	1
cg19727817	PCDHB12;PCDHB12	0.0201201	0.022514	0.339297	-2.94727	0.416176	0.719862	-1.38916	0.436623	0.7307	-1.36855	0.646347	0.832985	-1.2005	0.225002	0.604067	-1.65545	0.0152811	0.30789	-3.24803	0.11556	1.96728	1.96728	0.00506586	4.33075	4.33075	0.690513	1.17152	1.17152	6.695	11.6334	2.20251	1
cg17007628	PCDHB12;PCDHB12	0.0193612	0.64551	1.780803	1.780803	0.51812	1.41905	1.41905	0.6965077	0.810382	-1.23292	0.616458	0.763559	-1.30966	0.00837008	0.1653355	-6.04758	0.0289823	0.218526	-4.41466	0.1077447	2.55414	2.55414	0.0288312	3.96272	3.96272	0.630627	1.29539	1.29539	5.24407	17.7345	4.01727	1
cg17763019	PCDHB13	0.00135862	0.0662903	2.06731	2.06731	0.980702	1.00856	1.00856	0.505281	1.26915	1.26915	0.439574	0.757344	-1.3204	0.356952	1.39661	1.39661	0.00143738	1.07694	1.07694	0.000655166	0.1585601	-6.30511	0.000438891	7.08659	7.08659	0.436814	1.32271	1.32271	10.7819	21.2284	1.75012	1
cg14640659	PCDHB13	0.00386573	0.0599434	2.36953	-4.22024	0.0133356	0.293082	-3.41202	0.0519404	0.415281	-2.42377	0.160538	0.548739	-1.82236	0.0104307	0.275005	-3.63629	0.484445	0.752431	-1.32903	0.006615641	0.1221113	-8.25678	0.0299425	2.78004	2.78004	0.023762	0.339451	-2.94593	7.93365	21.1085	2.65631	1
cg26268161	PCDHB13	0.00623571	0.9369391	1.067	1.067	0.9344499	1.72582	1.72582	0.0135813	1.11212	1.11212	0.4083191	1.20609	1.20609	0.0266556	0.8294063	-1.20582	0.0295443	1.79631	1.79631	0.0474241	0.4985599	-2.04249	0.00583468	2.22513	2.22513	0.313544	0.809371	-1.23553	6.80701	11.4344	1.69112	1
cg05476956	PCDHB13	0.01444179	0.072862	2.11984	2.11984	0.04174454	2.41416	2.41416	0.0713333	2.1304	2.1304	0.067644	2.15704	2.15704	0.0911606	2.01109	2.01109	0.0843314	2.04833	2.04833	0.00176784	5.32404	5.32404	0.0022935	4.95599	4.95599	0.0163099	3.01251	3.01251	5.24883	11.7217	1.98507	1
cg07102913	PCDHB13	0.00291489	0.6768627	1.1775	1.1775	0.3488151	1.59215	1.59215	0.2028385	1.89457	1.89457	0.260746	1.74566	1.74566	0.0001894	3.5326508	-2.83208	0.0095768	0.894926	-1.11759	0.0098654	0.8497584	-1.17993	0.000965461	10.6537	10.6537	0.981368	1.01131	1.01131	4.13875	15.1599	3.26382	1
cg13882309	PCDHB13	0.0396504	0.0941513	2.18975	2.18975	0.0317085	2.92269	2.92269	0.48649	1.3514	1.3514	0.221968	1.72752	1.72752	0.0863555	0.446234	-2.24098	0.0139092	5.6478	5.6478	0.229904	1.71002	1.71002	0.010873	3.90346	3.90346	0.544233	1.29876	1.29876	1.69506	10.6151	2.55359	1
cg14592099	PCDHB13;PCDHB13	0.0168045	0.471744	0.724491	-1.38028	0.120849	2.09725	2.09725	0.695663	1.18896	1.18896	0.0886226	2.28641	2.28641	0.0197772	0.289642	-3.45254	0.753451	1.14881	1.14881	0.194251	1.83058	1.83058	0.00105823	8.43067	8.43067	0.814657	0.901777	-1.10892	4.98874	15.3152	2.72884	1
cg17624673	PCDHB13;PCDHB13	0.0197196	0.0183849	2.03132	-4.36811	0.2084567	1.98605	1.98605	0.9934436	0.99577	-1.00425	0.9944946	2.26547	2.26547	0.0201677	0.2828865	-3.53525	0.32231	1.69371	1.69371	0.0047218	0.1394242	-7.17198	0.0013098	2.21376	2.21376	0.4654343	0.682465	-1.46528	4.74727	19.8863	3.73938	1
cg16327515	PCDHB14	4.16E-05	0.000529322	2.77715	2.77715	0.0531023	0.659741	-1.51575	0.125676	1.36837	1.36837	0.335557	0.828674	-1.20675	0.00011883	0.279662	-3.57574	0.000818054	0.38496	-2.59767	0.00309892	0.4649222	-2.1509	1.32E-05	5.62895	5.62895	0.0350081	0.628199	-1.59185	27.9517	15.855	0.504204	1
cg10049594	PCDHB14	5.18E-05	0.00117158	0.378338	-2.64314	0.0145426	1.6057	1.6057	0.125021	0.712616	-1.40128	0.0547047	0.641053	-1.55993	0.0106679	0.51946	-1.92508	0.0259918	0.583234	1.71458	0.002518325	0.4253777	-2.35085	2.51E-06	10.2166	10.2166	0.113505	0.703716	-1.42103	26.3705	17.3874	0.5868888	1
cg21745283	PCDHB14	0.000252257	0.00257425	0.36948	-2.70651	0.246929	0.749433	-1.33434	0.378143	1.24039	1.24039	0.0253716	0.530913	-1.88355	0.000293649	0.245228	-4.07783	0.73088	1.08574	1.08574	0.035644	1.79066	1.79066	4.00E-05	6.48869	6.48869	0.120306	0.669345	-1.494	17.2477	15.5045	0.899054	1
cg21522026	PCDHB14	0.00113979	0.993919	0.997805	-1.0022	0.718311	0.900823	-1.1101	0.442555	0.797913	-1.25327	0.271857	0.719069	-1.39069	0.0373252	0.49817	-2.00735	0.0514874	0.527714	-1.89497	0.0662563	0.552113	-1.81122	2.78E-05	10.7963	10.7963	0.268861	0.71746	-1.39381	11.337	14.9276	1.17041	1
cg20653596	PCDHB14

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15361697	PCDHB17	0.00160147	0.157577	0.62816	-1.59195	0.243053	0.6867	-1.45624	0.730906	0.899225	-1.11207	0.000669901	0.201637	-4.95941	0.000197808	0.145995	-6.84953	0.316279	0.727039	-1.37544	0.872295	0.951709	-1.05074	0.000612582	0.197176	-5.07161	0.00612097	0.332634	-3.00631	10.2837	15.4182	1.3327	1
cg07821374	PCDHB17	0.00452947	0.761654	1.08943	1.08943	0.416477	1.26344	1.26344	0.150678	1.54299	1.54299	0.193756	1.47282	1.47282	0.520953	0.832599	-1.20106	0.632921	1.1451	1.1451	0.000369342	0.200851	-4.97881	0.00189729	3.45305	3.45305	0.444627	1.24536	1.24536	7.56273	9.49682	1.11621	1
cg02804091	PCDHB17	0.00464552	0.618121	1.16279	1.16279	0.0166894	2.40352	2.40352	?	?	?	0.378012	1.31186	1.31186	0.014547	0.405247	-2.46763	0.311165	1.36952	1.36952	0.00106798	0.234331	-4.26748	0.0226538	2.26804	2.26804	0.259	1.42392	1.42392	7.6667	9.72047	1.26788	1
cg02225797	PCDHB17	0.00476179	0.077324	1.48682	1.48682	0.423592	0.84783	-1.17948	0.0857102	0.681389	-1.46759	0.902525	1.02506	1.02506	0.00156454	0.399379	-2.50389	0.118645	1.40796	1.40796	0.00374411	2.20466	2.20466	0.485977	0.866764	-1.15372	0.0119514	0.530748	-1.88413	7.44861	4.81258	0.574315	1
cg04056384	PCDHB17	0.00692047	0.127526	2.03899	2.03899	0.729148	1.16217	1.16217	0.369628	1.48939	1.48939	0.00750213	0.225839	-4.42793	0.243023	1.69589	1.69589	0.819847	1.10365	1.10365	0.000636018	9.66385	9.66385	0.0496213	0.379694	-2.6337	0.268391	0.607491	-1.64612	6.63872	19.6546	2.63165	1
cg19967668	PCDHB17	0.00966418	0.00424789	0.196741	-5.08284	0.5557	0.776289	-1.28818	0.545904	0.771295	-1.29652	0.012335	0.266089	-3.75814	0.889623	0.942707	-1.06078	0.170157	1.86031	1.86031	0.544686	1.29757	1.29757	0.00145244	0.141627	-7.06078	0.0286046	0.333771	-2.99607	5.97546	17.0852	2.54154	1
cg06834312	PCDHB17	0.0126831	0.341929	1.1451	1.1451	0.752558	0.95718	-1.04474	0.477711	0.904941	-1.10504	0.0703548	0.75587	-1.32298	0.000571705	0.478052	-2.09182	0.028577	1.42966	1.42966	0.246102	1.18275	1.18275	0.744651	0.955785	-1.04626	0.496233	0.908831	-1.10031	5.47405	1.65995	0.269547	1
cg12392475	PCDHB17	0.0190859	0.00280434	2.93873	2.93873	0.0226226	2.04329	2.04329	0.240738	1.37921	1.37921	0.686759	1.11196	1.11196	0.876907	1.04141	1.04141	0.0514564	1.78679	1.78679	0.00594894	2.56391	2.56391	0.0118252	2.2769	2.2769	0.0828649	1.65324	1.65324	4.77977	5.18754	0.964723	1
cg03335262	PCDHB17	0.0315377	0.0268067	2.44208	2.44208	0.103384	1.83366	1.83366	0.0759716	1.95848	1.95848	0.0311997	2.36452	2.36452	0.87466	1.0552	1.0552	0.103781	1.83215	1.83215	0.191075	1.60189	1.60189	0.00178667	4.54082	4.54082	0.0437174	2.20149	2.20149	4.01472	7.36649	1.631	1
cg05477834	PCDHB17	0.0484504	0.121394	2.2712	2.2712	0.282105	1.72631	1.72631	0.22828	1.85464	1.85464	0.0471876	0.329784	-3.03229	0.884188	0.93128	-1.07379	0.115452	2.30695	2.30695	0.0105104	0.207479	-4.81977	0.282491	0.579542	-1.7255	0.412348	1.50594	1.50594	3.42884	12.9573	3.35905	1
cg10935175	PCDHB18	4.77E-06	3.31E-06	0.168864	-5.92193	0.000875709	0.445665	-2.24384	0.00179881	0.487175	-2.05265	0.00128213	2.13893	2.13893	6.21E-07	0.109285	-9.15037	0.000292504	0.384417	-2.60134	0.0107877	0.5953	-1.67983	1.81E-05	0.242257	-4.12786	0.000287247	0.383425	-2.60807	49.1332	20.4098	0.369241	1
cg11286063	PCDHB18	8.90E-06	3.93E-05	5.72586	5.72586	1.59E-06	14.6185	14.6185	0.000171933	4.119	4.119	0.473282	0.850644	-1.17558	0.0059805	0.450739	-2.21858	4.36E-05	0.179117	-5.58295	0.0695082	0.637462	-1.56872	0.184187	1.36672	1.36672	0.151658	1.40589	1.40589	41.8127	32.5706	0.692413	1
cg11239168	PCDHB18	3.32E-05	7.44E-06	0.0926994	-10.7876	0.0590911	0.598167	-1.67177	0.00721536	0.433429	-2.30718	0.300956	0.77227	-1.29488	4.28E-06	0.0773237	-12.9326	3.78E-05	0.14844	-6.73673	0.993177	1.00206	1.00206	0.0010814	0.312398	-3.20105	0.915707	1.02586	1.02586	29.6646	27.3134	0.818436	1
cg27086874	PCDHB18	4.95E-05	0.906511	0.984822	-1.01541	0.267178	0.860289	-1.1624	0.046713	0.743442	-1.3451	0.197001	1.1943	1.1943	8.96E-06	0.285745	-3.49963	0.000247494	2.1985	2.1985	8.49E-05	0.398694	-2.50819	0.000262656	0.458004	-2.18339	0.101181	0.791623	-1.26323	26.6894	7.16383	0.238591	1
cg12065562	PCDHB18	0.00012975	2.65E-05	2.62032	2.62032	0.00162946	1.68799	1.68799	0.0216421	1.3769	1.3769	0.000111297	2.19957	2.19957	0.467484	1.08953	1.08953	6.89E-05	2.32519	2.32519	0.635267	0.946088	-1.05698	0.000393656	1.92487	1.92487	0.00443224	1.55336	1.55336	20.6473	4.39902	0.189383	1
cg15555956	PCDHB18	0.00229808	0.038811	0.321063	-3.11465	0.230156	0.549986	-1.81823	0.00992475	0.212939	-4.69617	0.209448	1.87425	1.87425	0.00213611	0.128896	-7.75817	0.276761	0.584377	-1.71122	0.00013666	0.0435561	-22.9589	0.028716	0.293682	-3.40504	0.00771441	0.196815	-5.08092	9.25827	33.0675	3.17482	1
cg04511041	PCDHB18	0.008929	0.000195607	8.54249	8.54249	0.00570874	3.45965	3.45965	0.907059	0.960795	-1.0408	0.327475	1.4136	1.4136	0.897763	1.045	1.045	0.74732	0.895214	-1.11705	0.185671	1.61698	1.61698	0.505871	1.26005	1.26005	0.684641	1.15007	1.15007	6.12775	11.3801	1.6508	1
cg08713073	PCDHB18	0.0107395	0.0490909	3.44769	3.44769	0.0114332	5.719	5.719	0.379533	1.64325	1.64325	0.303304	0.555748	-1.79938	0.0093241	0.162507	-6.15359	0.0594928	3.22823	3.22823	0.00633465	7.08754	7.08754	0.281204	0.539517	-1.85351	0.988935	0.992389	-1.00767	5.77692	27.7733	4.27345	1
cg02539153	PCDHB18	0.0142923	0.090872	3.25292	3.25292	0.760012	1.21413	1.21413	0.760162	0.823742	-1.21397	0.583567	1.4199	1.4199	0.000609277	0.0352706	-28.3522	0.0154634	0.152389	-6.56217	0.551179	1.465	1.465	0.259408	0.474697	-2.10661	0.864148	0.897226	-1.11455	5.26398	33.4346	5.64586	1
cg10884908	PCDHB18	0.0151195	0.0827798	2.81959	2.81959	0.494852	1.44623	1.44623	0.197	2.07624	2.07624	0.900011	1.06904	1.06904	0.000806225	0.0563865	-17.7348	?	?	?	0.124664	0.409125	-2.44424	0.254877	0.529672	-1.88796	0.681706	1.24505	1.24505	5.9028	22.9418	3.40076	1
cg25603636	PCDHB18	0.02313	0.06995	2.87188	2.87188	0.0402365	3.43458	3.43458	0.777659	0.86296	-1.1588	0.0128767	4.99189	4.99189	0.164021	0.461555	-2.16659	0.929615	0.955046	-1.04707	0.00619752	6.41226	6.41226	0.214407	0.506358	-1.97489	0.09809	2.57203	2.57203	4.47615	19.216	3.81598	1
cg01688688	PCDHB18	0.0272516	0.0513416	3.17837	3.17837	0.00517743	6.84626	6.84626	0.886486	1.07729	1.07729	0.0199272	4.32504	4.32504	0.309761	0.578198	-1.72951	0.311046	1.72683	1.72683	0.0160659	4.64448	4.64448	0.335295	0.595786	-1.67845	0.158606	2.19337	2.19337	4.22788	18.1904	3.82442	1
cg06937068	PCDHB18	0.0406493	0.0315214	2.63207	2.63207	0.918536	0.961502	-1.04004	0.253213	1.5808	1.5808	0.136552	1.85058	1.85058	0.0329515	0.383983	-2.60428	0.0163235	3.08565	3.08565	0.351004	1.44535	1.44535	0.0323569	2.61564	2.61564	0.27187	1.55102	1.55102	3.66133	8.53916	2.07311	1
cg06897442	PCDHB19P	0.00274445	0.367172	1.43006	1.43006	0.222017	0.609201	-1.64149	0.763698	0.890098	-1.12347	0.171649	1.75405	1.75405	0.0152202	0.3163	-3.16156	0.0717515	2.17349	2.17349	0.0063167	0.253278	-3.94823	0.000256649	10.2181	10.2181	0.492051	0.763796	-1.30925	8.78689	20.7508	2.09917	1
cg19727801	PCDHB19P	0.00338977	0.239408	1.70343	1.70343	0.0863481	2.26857	2.26857	0.238186	0.586162	-1.70601	0.216064	1.75568	1.75568	0.00294804	0.171189	-5.84148	0.0511784	2.61186	2.61186	0.0379685	0.353371	-2.82989	0.000721867	9.24469	9.24469	0.151316	1.94402	1.94402	8.2524	24.4304	2.63147	1
cg03959232	PCDHB19P	0.0111247	0.0276746	2.97203	2.97203	0.588163	0.795518	-1.25704	0.313511	1.54678	1.54678	0.4683	1.36174	1.36174	0.517612	1.31585	1.31585	0.0151787	3.4834	3.4834	0.000559708	9.38453	9.38453	0.0178124	3.33798	3.33798	0.0233893	3.10615	3.10615	5.71172	15.8378	2.46476	1
cg17514558	PCDHB19P	0.0261492	0.0134111	18.0114	18.0114	0.0308626	10.952	10.952	0.339556	2.5329	2.5329	0.186632	3.75001	3.75001	0.560191	1.74399	1.74399	0.0401152	9.38766	9.38766	0.00524455	32.3444	32.3444	0.00835054	24.1012	24.1012	0.0307421	10.9772	10.9772	4.28948	60.5596	12.5495	1
cg21105916	PCDHB19P	0.0302615	0.0399871	7.00644	7.00644	0.31991	2.32315	2.32315	0.0407128	6.94252	6.94252	0.40531	2.01027	2.01027	0.23928	0.363974	-2.74745	0.642655	1.46698	1.46698	0.00342671	26.0728	26.0728	0.0179488	10.5757	10.5757	0.0641648	5.50634	5.50634	4.07425	43.4003	9.46875	1
cg12572625	PCDHB1;PCDHB1	0.00149162	0.405971	1.29541	1.29541	0.000148131	0.137285	-7.28412	0.0281865	0.454288	-2.20125	0.60953	1.16979	1.16979	0.0752915	0.547218	-1.82743	0.000671244	0.205167	-4.87407	0.00203784	0.266103	-3.75795	0.816727	0.931765	-1.07323	0.741861	1.10587	1.10587	10.4965	15.4075	1.30477	1
cg11182018	PCDHB2	3.15E-05	0.00207647	0.476085	-2.10046	2.29E-05	0.234366	-4.26683	0.0400858	1.50104	1.50104	0.0513484	0.683978	-1.46204	9.67E-05	0.305108	-3.27753	0.0122285	1.70646	1.70646	1.67E-05	0.219853	-4.54849	8.34E-05	0.29749	-3.36146	0.934665	0.986061	-1.01414	30.0693	13.9592	0.412652	1
cg14500258	PCDHB2	3.26E-05	0.00227116	1.80783	1.80783	0.000138818	2.49202	2.49202	0.562339	1.08463	1.08463	5.51E-05	2.83225	2.83225	0.304456	0.86287	-1.15892	1.90E-05	3.3389	3.3389	0.00137929	1.9029	1.9029	4.82E-06	4.26119	4.26119	0.52328	1.09386	1.09386	29.7918	9.07499	0.270768	1
cg24830494	PCDHB2	0.00038328	0.319549	0.838607	-1.19245	0.00117239	2.25927	2.25927	0.0342635	1.52599	1.52599	0.00183067	2.13315	2.13315	0.000435802	0.386214	-2.58924	0.00534436	0.533731	-1.8736	0.00143264	0.454335	-2.20102	0.679066	0.931284	-1.07379	0.178232	1.27732	1.27732	15.3801	7.13224	0.412206	1
cg16454588	PCDHB2	0.000920739	0.37871	0.816694	-1.22445	0.00194519	0.374313	-2.67156	0.0295347	0.562955	-1.77634	0.817519	1.05319	1.05319	0.00192153	0.373558	-2.67696	0.000126706	4.46265	4.46265	0.083247	0.650542	-1.53718	0.199617	0.737982	-1.35505	0.448986	0.841146	-1.18885	12.0449	9.58997	0.70772	1
cg15389068	PCDHB2	0.00143352	0.011597	3.52803	3.52803	0.00219976	5.5565	5.5565	0.00898866	3.77022	3.77022	0.22184	0.598722	-1.67022	0.234186	1.64578	1.64578	0.000586929	0.119769	-8.34944	0.0154957	3.27489	3.27489	0.0972813	2.06882	2.06882	0.0258925	2.87665	2.87665	10.6171	26.8367	2.24683	1
cg02539074	PCDHB2	0.00185813	0.0640023	1.78686	1.78686	0.000283619	5.226	5.226	0.256304	1.39153	1.39153	0.200075	1.45855	1.45855	0.0761633	1.73364	1.73364	0.00736022	0.381681	-2.61999	0.0152838	2.29439	2.29439	0.00103606	3.87603	3.87603	0.908008	1.03276	1.03276	9.85049	12.1305	1.09463	1
cg10887021	PCDHB2	0.00280824	0.00843789	1.94178	1.94178	0.510968	1.14058	1.14058	0.000707489	2.76787	2.76787	0.013275	1.83197	1.83197	0.0239185	0.587653	-1.70168	0.192113	1.31311	1.31311	0.0134095	0.546559	-1.82963	0.185447	0.758035	-1.3192	0.269281	1.2548	1.2548	8.72738	5.37994	0.54795	1
cg19503030	PCDHB2	0.00407715	0.142743	1.33089	1.33089	0.136854	1.33746	1.33746	0.143016	1.33059	1.33059	0.0912093	1.40151	1.40151	0.181994	0.773334	-1.2931	0.532215	1.12165	1.12165	0.0408745	1.53458	1.53458	6.11E-05	3.82822	3.82822	0.378084	1.17833	1.17833	7.80738	4.07108	0.463502	1
cg23997185	PCDHB2	0.00420609	0.0465132	1.81844	1.81844	0.00236002	0.328727	-3.04204	0.257133	0.73331	-1.36368	0.158595	0.673511	-1.48476	0.00463246	0.372333	-2.68577	0.049408	1.80065	1.80065	0.160499	0.674888	-1.48173	0.00306891	0.345335	-2.89573	0.416184	1.24353	1.24353	7.73431	8.4263	0.968417	1
cg16663497	PCDHB2	0.00535922	0.0202748	0.277971	-3.5975	0.177685	0.519311	-1.92563	0.687998	0.831388	-1.20281	0.0741486	2.485	2.485	0.0018315	0.131979	-7.57696	0.0950832	0.432146	-2.31403	0.00444171	0.176167	-5.67644	0.0376298	3.01367	3.01367	0.0284748	0.306467	-3.263	7.18448	23.8094	2.94578	1
cg24448113	PCDHB2	0.00673534	0.217483	0.588318	-1.69976	0.0169946	3.28725	3.28725	0.0446072	2.56722	2.56722	0.190631	1.76233	1.76233	0.274211	0.628016	-1.59232	0.0228543	3.04485	3.04485	0.000589821	8.76118	8.76118	0.00995071	3.78494	3.78494	0.57984	1.25689	1.25689	6.69499	17.7261	2.35348	1
cg19027827	PCDHB2	0.0154282	0.472762	0.902994	-1.10743	0.205562	0.829777	-1.20514	0.52907	0.914755	-1.09319	0.0365876	0.712192	-1.40412	0.000832013	0.495129	-2.01967	0.281798	0.855314	-1.16916	0.0254863	0.690082	-1.4491	0.107933	0.782634	-1.27774	0.0696634	1.32775	1.32775	5.13265	1.58705	0.274851	1
cg01512854	PCDHB3	1.90E-08	0.00424888	1.329	1.329	1.02E-07	3.60294	3.60294	0.000101481	1.66845	1.66845	7.07E-08	3.83103	3.83103	0.00202606	1.38204	1.38204	0.0116963	1.26386	1.26386	1.11E-09	9.69347	9.69347	1.44E-08	5.17838	5.17838	0.37903	0.935117	-1.06939	200.112	17.5117	0.0777862	1
cg24586758	PCDHB3	3.64E-08	0.973104	1.00367	1.00367	0.000103248	2.10982	2.10982	0.0183024	0.732558	-1.36508	3.42E-08	8.62276	8.62276	0.00399697	0.656745	-1.52266	7.37E-08	7.05399	7.05399	4.18E-05	0.428338	-2.33461	9.42E-09	12.6401	12.6401	0.000531242	0.556403	-1.79726	169.872	31.7786	0.166287	1
cg02125910	PCDHB3	1.14E-05	6.58E-05	5.26541	5.26541	2.12E-05	6.97791	6.97791	0.0943687	1.5177	1.5177	2.99E-05	6.38374	6.38374	0.0489883	0.600519	-1.66523	0.00120361	2.93311	2.93311	0.493206	0.853953	-1.17102	1.06E-06	18.0719	18.0719	0.760389	0.932956	-1.07186	39.2179	31.9709	0.724633	1
cg18782991	PCDHB3	0.000117212	0.000412508	7.42534	7.42534	0.000303813	8.15936	8.15936	0.0583427	2.14903	2.14903	0.00225284	4.61344	4.61344	0.119285	0.546318	-1.83043	0.00817489	3.35469	3.35469	0.0152987	0.344784	-2.90036	1.23E-05	27.0841	27.0841	0.64963	0.849122	-1.17769	21.2185	42.9772	1.80041	1
cg03504078	PCDHB3	0.00030228	0.126398	1.59973	1.59973	0.000750965	4.27447	4.27447	0.246032	0.708418	-1.4116	0.00091675	4.08655	4.08655	0.0018302	0.284203	-3.51861	0.00134304	3.75809	3.75809	0.0543554	1.85955	1.85955	0.000215472	5.78257	5.78257	0.127311	0.625926	-1.59763	16.4161	20.9907	1.1366	1
cg26476502	PCDHB3	0.000856339	0.117236	0.558931	-1.78913	0.00261872	4.15613	4.15613	0.00273679	4.11152	4.11152	0.31561	0.701358	-1.4258	0.246714	1.51304	1.51304	0.104285	1.83514	1.83514	0.00579245	0.290603	-3.44112	0.000121204	9.92746	9.92746	0.223033	1.54919	1.54919	12.2941	22.7582	1.64547	1
cg21530267	PCDHB3	0.00279776	0.109087	0.516349	-1.93668	0.00670567	3.78149	3.78149	0.0164569	3.03055	3.03055	0.362584	1.42472	1.42472	0.478771	1.31309	1.31309	0.103289	0.50964	-1.96217	0.000294685	9.30508	9.30508	0.0103952	3.38939	3.38939	0.25477	0.637757	-1.568	8.73703	19.8004	2.01446	1
cg04720797	PCDHB3	0.00628067	0.379261	1.4144	1.4144	0.0307525	2.65186	2.65186	0.22741	0.614438	-1.6275	0.0125938	3.29529	3.29529	0.0149965	0.316829	-3.15627	0.153707	1.79872	1.79872	0.241617	1.60177	1.60177	0.00163138	5.6669	5.6669	0.0834447	0.478794	-2.08858	6.84177	16.0085	2.07984	1
cg23918315	PCDHB3	0.00636436	0.0117966	3.9037	3.9037	0.525465	1.32134	1.32134	0.0356332	2.88379	2.88379	0.501317	1.34389	1.34389	0.00739507	0.22435	-4.45732	0.655042	0.823042	-1.215	0.0974101	0.45488	-2.19838	0.00140777	7.407	7.407	0.380923	1.47582	1.47582	6.81378	20.2401	2.64042	1
cg03349091	PCDHB3	0.00949483	0.986027	1.00785	1.00785	0.0147985	3.81849	3.81849	0.076837	2.40885	2.40885	0.0475213	2.75303	2.75303	0.348079	0.649449	-1.53977	0.976876	0.987134	-1.01303	0.000892162	9.2355	9.2355	0.00479838	5.32396	5.32396	0.800994	0.893289	-1.11946	6.00924	18.9983	2.81024	1
cg01925738	PCDHB3	0.0137363	0.0119524	11.4137	11.4137	0.0717089	4.76401	4.76401	0.0095023	12.8162	12.8162	0.116586	3.75745	3.75745	0.907788	0.913972	-1.09413	0.0302198	7.23045	7.23045	0.00148985	35.0373	35.0373	0.0169105	9.60288	9.60288	0.749879	1.28185	1.28185	5.33309	50.9072	8.48492	1
cg01862688	PCDHB3	0.0172918	0.0186057	5.21315	5.21315	0.262248	1.96702	1.96702	0.0793045	3.08748	3.08748	0.403827	1.63948	1.63948	0.0231451	0.207746	-4.81357	0.501729	1.48378	1.48378	0.00260544	11.1747	11.1747	0.0490234	3.6715	3.6715	0.851463	0.897191	-1.11459	4.94125	26.2115	4.71522	1
cg22979356	PCDHB3	0.0182732	0.0130504	2.3973	2.3973	0.0716392	1.77019	1.77019	0.484408	1.22354	1.22354	0.175331	1.50561	1.50561	0.0247575	2.13595	2.13595	0.437558	1.25212	1.25212	0.00093698	4.06226	4.06226	0.0143567	2.35595	2.35595	0.225581	1.43523	1.43523	4.85047	6.19251	1.13483	1
cg01041681	PCDHB3	0.022089	0.0521968	1.72241	1.72241	0.200598	1.39492	1.39492	0.081864	1.60756	1.60756	0.0311272	1.86425	1.86425	0.11216	1.53093	1.53093	0.931734	0.979126	-1.02132	0.314558	1.29183	1.29183	0.00059727	3.68544	3.68544	0.100687	1.55689	1.55689	4.54763	4.36612	0.853409	1
cg07859640	PCDHB3	0.0317688	0.750249	1.19456	1.19456	0.215682	2.06557	2.06557	0.932338	1.04841	1.04841	0.611508	0.751903	-1.32996	0.00454457	0.121931	-8.20136	0.679243	0.793365	-1.26045	0.0579869	0.303312	-3.29694	0.0166035	5.09642	5.09642	0.251317	0.51314	-1.94878	4.00425	19.6534	4.36279	1
cg27007937	PCDHB3	0.045803	0.0105882	4.30558	4.30558	0.392259	1.48886	1.48886	0.177841	1.91597	1.91597	0.0323134	3.12114	3.12114	0.763663	0.872027	-1.14675	0.495418	0.730269	-1.36936	0.199747	1.84998	1.84998	0.00807745	4.66713	4.66713	0.584067	0.77798	-1.28538	3.50223	11.4382	2.90308	1
cg03644691	PCDHB3;PCDHB3	0.00289992	0.481574	1.13304	1.13304	0.346159	1.18459	1.18459	0.809972	0.958808	-1.04296	0.0100346	1.7638	1.7638	0.49371	1.12903	1.12903	0.9274	0.984213	-1.01604	0.000585577	0.395387	-2.52917	0.000876356	2.38993	2.38993	0.144505	1.3148	1.3148	8.64472	4.17434	0.429224	1
cg24918705	PCDHB4	4.17E-06	0.605527	0.923454	-1.08289	0.000934521	2.12752	2.12752	0.00561073	0.573609	-1.74335	0.017043	1.55988	1.55988	1.47E-05	3.9608	3.9608	0.287528	1.18387	1.18387	0.029878	0.676661	-1.47785	1.01E-07	14.0085	14.0085	0.62779	1.07754	1.07754	50.8504	18.8159	0.328911	1
cg17288142	PCDHB4	6.77E-05	0.00173654	0.209848	-4.76535	0.000213098	8.69258	8.69258	0.247422	1.52615	1.52615	0.00799969	3.281	3.281	0.000172034	9.31068	9.31068	0.262911	1.50384	1.50384	0.00783254	0.3033	-3.29707	1.39E-05	23.7954	23.7954	0.714635	0.879527	-1.13697	24.5642	47.5411	1.72034	1
cg13288164	PCDHB4	0.000873376	0.0226698	3.52393	3.52393	0.0224627	3.53334	3.53334	0.436138	0.692966	-1.44307	0.262573	1.71475	1.71475	0.000139375	20.8598	20.8598	0.00961874	4.54096	4.54096	0.0175739	0.263454	-3.79573	0.000332787	14.4875	14.4875	0.734572	1.17012	1.17012	12.2259	41.2693	3.00049	1
cg21557146	PCDHB4	0.000883857	0.999453	0.99976	-1.00024	0.00082065	0.171429	-5.83331	0.509551	0.791341	-1.26368	0.0192439	2.69267	2.69267	0.00100149	0.181086	-5.52224	0.0119304	0.333712	-2.99659	0.00281927	0.237136	-4.21699	0.00952278	3.15436	3.15436	0.112931	1.82855	1.82855	12.1848	23.6128	1.72257	1
cg01097725	PCDHB4	0.000912796	0.00117525	2.67571	2.67571	0.0143583	1.8662	1.8662	0.349981	0.819658	-1.22002	0.200161	1.32279	1.32279	0.0326321	1.67674	1.67674	0.110696	1.43229	1.43229	2.10E-05	5.8858	5.8858	0.0303843	1.69224	1.69224	0.0528566	1.57599	1.57599	12.0744	8.17142	0.601558	1
cg03340754	PCDHB4	0.00304653	0.392159	0.708703	-1.41103	0.471715	0.750116	-1.33313	0.0513678	0.418424	-2.38992	0.935469	0.968696	-1.03232	0.00674337	3.97321	3.97321	0.751198	1.13307	1.13307	0.00291764	0.200632	-4.98424	0.000523712	8.35866	8.35866	0.631518	0.827138	-1.20899	8.51911	20.8133	2.17167	1
cg15044767	PCDHB4	0.00325567	0.0386006	0.466925	-2.14167	0.194134	1.54758	1.54758	0.0847588	0.545532	-1.83307	0.0162306	2.54606	2.54606	0.0912286	0.553597	-1.80637	0.0774619	1.86619	1.86619	0.154405	0.615945	-1.62352	0.000319349	6.37335	6.37335	0.39291	0.757133	-1.32077	8.35242	13.3675	1.42261	1
cg12990410	PCDHB4	0.00535531	0.15923	0.569124	-1.75709	0.494761	0.771234	-1.29662	0.260716	0.644352	-1.55195	0.0215708	2.8122	2.8122	0.0119669	0.308885	-3.23745	0.834716	1.08143	1.08143	0.00274175	0.212477	-4.70639	0.00303479	4.5807	4.5807	0.764201	1.11931	1.11931	7.18609	15.977	1.97629	1
cg06048354	PCDHB4	0.00554713	0.0852251	0.421713	-2.37128	0.0479193	2.79026	2.79026	0.0191047	0.276103	-3.62183	0.999779	1.00013	1.00013	0.614466	1.25918	1.25918	0.581416	0.77673	-1.28745	0.0145118	0.255019	-3.92128	0.000795303	9.96421	9.96421	0.177135	1.91727	1.91727	7.1089	23.1808	2.8985	1
cg13925975	PCDHB4	0.00562386	0.00314271	0.150583	-6.64086	0.399798	1.49813	1.49813	0.112621	0.444882	-2.24779	0.488179	0.718729	-1.39134	0.00583732	0.184018	-5.43426	0.0787866	0.400338	-2.49789	0.0067446	0.192591	-5.19236	0.00811922	4.90054	4.90054	0.286811	0.595295	-1.67984	7.07895	24.6571	3.09615	1
cg07129523	PCDHB4	0.0061339	0.402355	1.90263	1.90263	0.0948315	3.96625	3.96625	0.0755124	0.226506	-4.4149	0.167362	3.01815	3.01815	0.00102492	38.5856	38.5856	0.0455368	5.59044	5.59044	0.0576241	0.199621	-5.00948	0.00357526	19.3345	19.3345	0.205843	2.72267	2.72267	6.89201	61.4862	7.93012	1
cg24818200	PCDHB4	0.00647356	0.131071	2.50549	2.50549	0.0832854	2.94528	2.94528	0.162202	0.43138	-2.31814	0.131241	2.50432	2.50432	0.00118703	14.5583	14.5583	0.0466891	3.60814	3.60814	0.0238062	0.218752	-4.57138	0.00862633	6.59859	6.59859	0.511271	0.687043	-1.45551	6.77794	34.0737	4.46858	1
cg06862268	PCDHB4	0.0114884	0.538725	1.13197	1.13197	0.00658375	2.01923	2.01923	0.642495	0.911102	-1.09757	0.997061	0.999267	-1.00073	0.875604	0.969283	-1.03169	0.82152	0.955999	-1.04603	0.0335637	1.6396	1.6396	0.000421285	3.04333	3.04333	0.717566	1.07502	1.07502	5.6527	3.55074	0.558355	1
cg22793065	PCDHB4	0.0189119	0.00637839	4.52559	4.52559	0.0256627	3.08718	3.08718	0.77185	1.13162	1.13162	0.11341	2.0806	2.0806	0.0760517	2.31546	2.31546	0.0675707	2.38923	2.38923	0.00188959	6.50826	6.50826	0.0213822	3.24152	3.24152	0.0647342	2.41651	2.41651	4.79458	13.7355	2.54649	1
cg24769369	PCDHB4	0.0189793	0.80582	0.932386	-1.07252	0.0165157	2.29907	2.29907	0.00366518	0.327317	-3.05514	0.246398	1.41137	1.41137	0.502987	0.824301	-1.21315	0.576415	1.17401	1.17401	0.033172	2.02955	2.02955	0.0472403	1.90663	1.90663	0.711359	1.11143	1.11143	4.78882	6.12807	1.13748	1
cg20864859	PCDHB4	0.0205153	0.0591077	2.05388	2.05388	0.120211	1.76697	1.76697	0.985694	1.00607	1.00607	0.411782	1.32767	1.32767	0.730226	0.889671	-1.12401	0.385871	0.740656	-1.35016	0.00100044	5.20738	5.20738	0.0151423	2.73964	2.73964	0.0987573	1.84293	1.84293	4.66403	8.42515	1.6057	1
cg17543884	PCDHB4	0.0226638	0.0307874	2.50071	2.50071	0.0958789	1.93642	1.93642	0.408496	1.35727	1.35727	0.151591	1.74221	1.74221	0.586291	1.21965	1.21965	0.0680896	2.09227	2.09227	0.00169296	5.05685	5.05685	0.00533818	3.76641	3.76641	0.0495413	2.24719	2.24719	4.50766	9.32116	1.83809	1
cg08626876	PCDHB4	0.0299622	0.0202311	0.19598	-5.10255	0.804352	1.15542	1.15542	0.0166474	0.182374	-5.48324	0.720947	1.23215	1.23215	0.131795	2.57746	2.57746	0.688911	1.26393	1.26393	0.00941911	0.147247	-6.79132	0.159388	2.39942	2.39942	0.646495	0.764313	-1.30836	4.08866	21.9365	4.76906	1
cg11347033	PCDHB5	0.000262681	0.77203	1.10076	1.10076	0.000353286	6.66259	6.66259	0.00269164	3.93742	3.93742	0.027151	2.37317	2.37317	0.00625639	3.24586	3.24586	0.00440748	0.28475	-3.51185	4.38E-05	12.9553	12.9553	0.00122671	4.77113	4.77113	0.129778	1.71746	1.71746	17.0583	29.5043	1.53744	1
cg22060694	PCDHB5	0.00030195	0.00179169	1.88879	1.88879	0.0271658	1.45388	1.45388	0.0638473	1.34735	1.34735	0.0230247	0.677677	-1.47563	0.856474	1.02625	1.02625	0.000168314	2.50023	2.50023	0.000318318	2.30315	2.30315	7.66E-05	2.78926	2.78926	0.11229	1.28076	1.28076	16.421	5.32717	0.288367	1
cg24958687	PCDHB5	0.000621607	0.00363138	3.32709	3.32709	0.000889605	4.57452	4.57452	0.00050392	5.26493	5.26493	0.0085972	2.78335	2.78335	0.815297	0.931019	-1.07409	0.0394753	2.06998	2.06998	0.0130014	2.56355	2.56355	3.95E-05	11.0449	11.0449	0.104085	1.72082	1.72082	13.4504	19.8752	1.31348	1
cg15613340	PCDHB5	0.0068261	0.382753	1.44122	1.44122	0.791521	1.11424	1.11424	0.952633	1.02455	1.02455	0.575247	0.793606	-1.26007	0.665738	0.837383	-1.1942	0.543363	1.28554	1.28554	0.000210586	0.0796326	-12.5577	0.0110206	3.67703	3.67703	0.479065	1.34155	1.34155	6.66717	17.6057	2.34725	1
cg09782097	PCDHB5	0.00816343	0.00955292	6.85063	6.85063	0.805369	1.15575	1.15575	0.0340812	4.26362	4.26362	0.31019	0.540268	-1.85093	0.26165	0.503427	-1.98639	0.0253199	0.210354	-4.7539	0.0569185	3.53696	3.53696	0.00181344	13.4636	13.4636	0.218525	2.13576	2.13576	6.30388	34.3217	4.83959	1
cg15120855	PCDHB5	0.0152031	0.874554	0.932187	-1.07275	0.259794	1.68618	1.68618	0.972827	0.984975	-1.01525	0.771259	1.13834	1.13834	0.00267321	0.157952	-6.33104	0.520628	0.748707	-1.33564	0.057248	2.60135	2.60135	0.00376803	5.68433	5.68433	0.542335	0.760239	-1.31538	5.15769	16.1367	2.78104	1
cg13601275	PCDHB5	0.0161966	0.334822	1.26414	1.26414	0.0051834	2.38594	2.38594	0.14796	1.44162	1.44162	0.531548	1.16107	1.16107	0.0326069	1.80279	1.80279	0.0564639	0.601145	-1.66349	0.0136681	0.487378	-2.05179	0.328032	1.26861	1.26861	0.384968	0.81066	-1.23356	5.05043	4.4421	0.781821	1
cg21548029	PCDHB5	0.0214085	0.102742	2.52801	2.52801	0.0116434	5.14527	5.14527	0.014452	4.78637	4.78637	0.144399	2.25806	2.25806	0.0616027	2.98545	2.98545	0.349798	0.606543	-1.64869	0.00369901	7.67348	7.67348	0.0306064	3.74218	3.74218	0.697403	1.22506	1.22506	4.59666	19.647	3.79928	1
cg03349953	PCDHB5	0.0235033	0.350121	1.73325	1.73325	0.264597	1.94437	1.94437	0.0967898	2.83622	2.83622	0.169393	2.3098	2.3098	0.122366	0.383869	-2.60505	0.0819439	0.332118	-3.01098	0.0271209	4.46349	4.46349	0.00353666	9.59428	9.59428	0.127051	2.56951	2.56951	4.45148	23.0565	4.60401	1
cg02003733	PCDHB5	0.0397033	0.54008	0.872992	-1.14549	0.858224	0.961601	-1.03993	0.652209	0.905428	-1.10445	0.0306545	0.573467	-1.74378	0.946674	1.01476	1.01476	0.616533	1.1169	1.1169	0.00194186	2.61169	2.61169	0.827266	1.04902	1.04902	0.189372	1.35586	1.35586	3.69324	2.8048	0.675058	1
cg24583624	PCDHB5;PCDHB5	0.00460339	0.923879	1.04792	1.04792	0.641427	1.25826	1.25826	0.00293784	7.39513	7.39513	0.0185235	4.0506	4.0506	0.0862595	0.395202	-2.53035	0.199012	0.514398	-1.94402	0.498908	0.714454	-1.39967	0.000424416	15.3982	15.3982	0.760298	1.1617	1.1617	7.52564	28.596	3.37761	1
cg18021368	PCDHB5;PCDHB5	0.0404077	0.0136589	13.7227	13.7227	0.216547	3.05428	3.05428	0.019672	11.2399	11.2399	0.172877	3.47457	3.47457	0.103355	4.6166	4.6166	0.255757	0.361072	-2.76953	0.786754	0.79229	-1.26216	0.0102908	16.0605	16.0605	0.175826	3.44151	3.44151	3.6694	42.8457	10.3791	1
cg26866168	PCDHB6	2.08E-06	0.0152696	0.691754	-1.4456	3.51E-05	0.372032	-2.68794	0.00187372	0.579484	-1.72567	0.094435	1.25538	1.25538	3.52E-06	0.259743	-3.84997	0.225156	0.854188	-1.1707	1.44E-06	0.219695	-4.55176	3.24E-06	3.90634	3.90634	0.000268483	0.477273	-2.09524	60.823	14.7437	0.215469	1
cg09178190	PCDHB6	2.46E-05	0.00152041	3.79632	3.79632	0.0104243	2.5659	2.5659	0.000142071	6.80266	6.80266	6.68E-05	8.45461	8.45461	0.715552	0.898585	-1.11286	0.000127857	7.00521	7.00521	4.79E-06	21.2546	21.2546	8.36E-06	17.0787	17.0787	0.525713	1.20669	1.20669	32.0973	43.3985	1.20186	1
cg02403883	PCDHB6	3.50E-05	0.0234643	0.606577	-1.64859	0.0172193	1.70923	1.70923	0.409654	0.85578	-1.16852	0.000213074	3.13484	3.13484	8.42E-05	0.270858	-3.69198	0.0617233	0.677975	-1.47498	5.60E-06	6.63495	6.63495	0.646668	1.08899	1.08899	0.0144913	0.573286	-1.74433	29.242	15.7991	0.480256	1
cg08212862	PCDHB6	9.85E-05	0.110241	1.60928	1.60928	0.00124638	3.62964	3.62964	0.0755519	1.71726	1.71726	0.411969	1.25771	1.25771	0.000953124	0.26032	-3.84143	0.313959	1.3293	1.3293	4.88E-06	0.057705	-17.3295	0.0448726	1.87628	1.87628	0.564891	0.852954	-1.1724	22.2283	26.3028	1.05183	1
cg26394771	PCDHB6	0.000151969	0.00788007	1.79116	1.79116	0.00287349	2.01605	2.01605	0.120981	1.33311	1.33311	0.315387	1.19423	1.19423	0.0207989	1.60928	1.60928	0.00947204	1.75442	1.75442	1.47E-06	8.08369	8.08369	0.0241733	1.58345	1.58345	0.0351649	1.52129	1.52129	19.7872	9.16217	0.411586	1
cg15038110	PCDHB6	0.000161415	0.0405946	0.590008	-1.69489	0.31	1.26418	1.26418	0.000204402	4.01018	4.01018	0.71509	1.08525	1.08525	0.0149043	0.51265	-1.95065	0.282316	1.28313	1.28313	2.29E-05	6.62633	6.62633	0.0001845	4.0951	4.0951	0.192245	1.36069	1.36069	19.4679	15.3527	0.70099	1
cg08493776	PCDHB6	0.000564241	0.00667099	0.304572	-3.2833	0.698891	0.876964	-1.1403	0.236521	1.52034	1.52034	0.00175129	4.51102	4.51102	0.00191716	0.226741	-4.41031	0.846107	1.06783	1.06783	0.213333	0.642342	-1.5568	9.69E-05	10.394	10.394	0.0892069	1.88335	1.88335	13.8185	24.9682	1.60611	1
cg16622906	PCDHB6	0.000795812	0.359976	1.37967	1.37967	0.0602313	2.06426	2.06426	0.588174	1.20557	1.20557	0.00226949	4.30702	4.30702	0.17349	0.609428	-1.64088	0.00262753	4.15421	4.15421	0.000656803	0.16776	-5.96089	0.00116984	5.10086	5.10086	0.00637545	3.367	3.367	12.5506	23.2449	1.64631	1
cg24120669	PCDHB6	0.00103341	0.0107155	0.369979	-2.70286	0.00190968	3.90784	3.90784	0.268496	1.42949	1.42949	0.00292926	3.55043	3.55043	0.000237984	0.151532	-6.59927	0.275337	1.42169	1.42169	0.117155	1.69498	1.69498	0.450867	1.26893	1.26893	0.526821	1.21995	1.21995	11.6573	17.7461	1.35317	1
cg24811352	PCDHB6	0.0222249	0.0271703	0.4507	-2.21877	0.018158	0.417149	-2.39723	0.262233	0.700258	-1.42804	0.546014	0.830081	-1.2047	0.00955429	0.367758	-2.71918	0.808645	1.07675	1.07675	0.0133427	0.392865	-2.5454	0.216127	1.48698	1.48698	0.175316	1.55162	1.55162	4.53807	6.67699	1.30785	1
cg23247945	PCDHB6	0.023473	0.139858	2.30493	2.30493	0.00251274	9.07978	9.07978	0.271589	1.8251	1.8251	0.191551	2.06851	2.06851	0.242491	0.52571	-1.90219	0.404094	1.56642	1.56642	0.00312537	8.36665	8.36665	0.181812	2.10651	2.10651	0.150985	2.24569	2.24569	4.45346	19.4909	3.89028	1
cg23596123	PCDHB6	0.0297981	0.256664	0.604981	-1.65294	0.557176	1.28662	1.28662	0.472226	1.36394	1.36394	0.469746	0.73185	-1.3664	0.00358515	0.187431	-5.3353	0.504863	0.750334	-1.33274	0.220925	1.72672	1.72672	0.0160903	3.49128	3.49128	0.15267	0.521935	-1.91595	4.09664	11.6906	2.53663	1
cg16594581	PCDHB6	0.0300381	0.0061468	3.38246	3.38246	0.00748333	3.23412	3.23412	0.789616	1.09545	1.09545	0.268872	0.675326	-1.48077	0.676377	0.866664	-1.15385	0.314234	0.701317	-1.42589	0.272245	1.47636	1.47636	0.0327051	2.34407	2.34407	0.933234	0.97184	-1.02898	4.08499	7.51865	1.63605	1
cg25412979	PCDHB7	1.03E-06	0.92457	0.987227	-1.01294	0.573796	0.925751	-1.0802	0.939128	0.989686	-1.01042	0.118119	1.25902	1.25902	0.0395135	0.723791	-1.38161	0.027234	0.701352	-1.42582	0.0544887	0.743668	-1.34469	9.14E-09	24.0643	24.0643	0.0619251	1.33025	1.33025	72.6982	21.2173	0.259426	1
cg24168884	PCDHB7	3.24E-06	0.0342923	0.674459	-1.48267	0.00291231	1.92029	1.92029	0.161847	0.788016	-1.26901	0.124603	0.767069	-1.30366	0.259237	0.828847	-1.20649	0.00992408	1.68115	1.68115	0.0195251	0.637522	-1.56857	6.46E-08	18.4518	18.4518	3.71E-05	3.54231	3.54231	54.2694	21.8631	0.3581	1
cg11809091	PCDHB7	2.31E-05	0.235789	0.782511	-1.27794	0.00039409	3.04749	3.04749	0.765724	1.06076	1.06076	0.00292451	2.24108	2.24108	0.00448007	0.473267	-2.11297	0.000376379	3.07122	3.07122	0.00012699	0.268097	-3.73	4.02E-06	8.27373	8.27373	0.0111768	1.87322	1.87322	32.6272	20.1344	0.548538	1
cg17785250	PCDHB7	0.000379791	0.000471109	3.48685	3.48685	0.00266826	2.57073	2.57073	0.0382165	1.7264	1.7264	0.126902	1.45544	1.45544	0.0356609	1.74338	1.74338	0.0193929	1.90145	1.90145	8.96E-06	8.91094	8.91094	0.00284219	2.54452	2.54452	0.0176416	1.92756	1.92756	15.4189	12.6195	0.727508	1
cg21038220	PCDHB7	0.00144373	0.0793122	2.39802	2.39802	0.0144225	3.87268	3.87268	0.616508	0.797143	-1.25448	0.0038412	5.75186	5.75186	0.621755	1.25019	1.25019	0.611425	1.25867	1.25867	0.0461747	0.358519	-2.78926	4.57E-05	31.8106	31.8106	0.542505	1.31892	1.31892	10.5955	33.8333	2.83838	1
cg17735593	PCDHB7	0.0026344	0.3562	0.776098	-1.2885	0.411012	1.25175	1.25175	0.176476	0.681261	-1.46787	0.0104952	2.36371	2.36371	0.0454254	1.84577	1.84577	0.107033	1.59988	1.59988	0.0127027	0.437274	-2.2869	0.000249304	5.02563	5.02563	0.0351372	1.92617	1.92617	8.89374	10.0491	1.00436	1
cg17437640	PCDHB7	0.0291009	0.127083	1.70065	1.70065	0.0147591	2.62642	2.62642	0.134126	1.68182	1.68182	0.739197	0.898058	-1.11351	0.752776	0.903311	-1.10704	0.555852	1.21133	1.21133	0.00956378	2.87477	2.87477	0.00298982	3.70819	3.70819	0.390552	1.32728	1.32728	4.13115	6.77597	1.45797	1
cg19884223	PCDHB7	0.0395673	0.724168	1.1624	1.1624	0.0030124	5.62584	5.62584	0.238557	1.68926	1.68926	0.507333	1.33068	1.33068	0.170276	1.85949	1.85949	0.515421	1.32328	1.32328	0.563592	1.28143	1.28143	0.0034219	5.41501	5.41501	0.911684	0.953969	-1.04825	3.69791	10.5648	2.53953	1
cg16583552	PCDHB7	0.0420194	0.03967	4.9134	4.9134	0.00644155	10.7104	10.7104	0.105954	3.25998	3.25998	0.250052	2.23542	2.23542	0.785037	1.20078	1.20078	0.882006	1.1045	1.1045	0.0146662	7.46917	7.46917	0.0142603	7.55959	7.55959	0.163172	2.70769	2.70769	3.61671	25.6543	6.30514	1
cg22190023	PCDHB7;PCDHB7	0.000243815	0.03318	0.415783	-2.4051	0.0650743	0.48189	-2.07516	0.0280865	0.400816	-2.49491	0.0017057	4.84976	4.84976	0.00368769	0.250752	-3.988	0.0110158	0.324969	-3.07722	0.000521184	0.148553	-6.73159	0.000129088	10.4328	10.4328	0.90566	1.04267	1.04267	17.4084	34.2495	1.74881	1
cg03780733	PCDHB7;PCDHB7	0.0111164	0.152443	0.493224	-2.02748	0.0102797	0.225067	-4.44313	0.0392102	0.332782	-3.00497	0.521712	0.741219	-1.34913	0.05583	0.368224	-2.71574	0.0422969	0.340087	-2.94042	0.0082026	0.210206	-4.75724	0.00795164	4.80253	4.80253	0.239116	0.566381	-1.76559	5.71311	19.24	2.99351	1
cg25026992	PCDHB7;PCDHB7	0.0162598	0.032881	4.56262	4.56262	0.0075743	8.07942	8.07942	0.0898004	3.11875	3.11875	0.619984	1.35532	1.35532	0.311199	0.52873	-1.89132	0.0592942	3.65108	3.65108	0.0283612	4.82606	4.82606	0.00166647	15.4144	15.4144	0.318	1.87345	1.87345	5.04388	29.5525	5.20808	1
cg15911328	PCDHB8	0.00567345	0.239424	0.681098	-1.46822	0.0210385	2.3755	2.3755	0.141079	1.63798	1.63798	0.0712767	1.87393	1.87393	0.551505	0.828766	-1.20661	0.705843	0.888509	-1.12548	0.00275621	0.275935	-3.62404	0.00430898	3.28651	3.28651	0.0364265	0.468553	-2.13423	7.05987	10.8663	1.36815	1
cg06768707	PCDHB8	0.00822419	0.188936	0.575305	-1.73821	0.700734	0.857788	-1.16579	0.385685	0.702396	-1.4237	0.739699	1.14162	1.14162	0.469316	0.746449	-1.33968	0.00120888	0.152179	-6.57119	0.0314743	2.7241	2.7241	0.00622083	4.12368	4.12368	0.123897	1.93847	1.93847	6.28916	15.7166	2.22134	1
cg15414982	PCDHB8	0.0110412	0.388207	1.4041	1.4041	0.0218217	2.87564	2.87564	0.24683	1.5916	1.5916	0.131079	1.86943	1.86943	0.0157513	0.321236	-3.11297	0.808358	1.09774	1.09774	0.0505256	2.35199	2.35199	0.00110369	6.33324	6.33324	0.682794	0.85412	-1.17079	5.72561	13.3556	2.07343	1
cg22657059	PCDHB8	0.0141576	0.0343098	4.72875	4.72875	0.0103118	7.64304	7.64304	0.130814	2.79162	2.79162	0.612001	1.37969	1.37969	0.0700785	0.27962	-3.57628	0.190514	0.41799	-2.3924	0.00764534	8.65035	8.65035	0.0112906	7.36465	7.36465	0.634252	1.352	1.352	5.28041	33.113	5.57414	1
cg09052108	PCDHB8	0.0255024	0.468091	1.26324	1.26324	0.480545	1.25479	1.25479	0.597456	1.18373	1.18373	0.425131	1.29407	1.29407	0.00258935	0.266746	-3.74888	0.136814	0.60213	-1.66077	0.731683	0.896782	-1.1151	0.201089	1.53321	1.53321	0.0102172	0.358822	-2.7869	4.32715	6.86579	1.41038	1
cg18668511	PCDHB8	0.0439862	0.651404	1.23748	1.23748	0.517057	0.735109	-1.36034	0.712376	0.840739	-1.18943	0.279832	1.69269	1.69269	0.00186613	0.126498	-7.90526	0.365999	0.647196	-1.54513	0.672668	0.819484	-1.22028	0.0937975	2.37088	2.37088	0.144319	0.479654	-2.08484	3.55568	12.3594	3.08973	1
cg14570055	PCDHB8;PCDHB8	0.0102877	0.612982	0.824956	-1.21219	0.0600661	2.226	2.226	0.573973	1.239	1.239	0.0538731	2.2835	2.2835	0.0273215	0.3734	-2.67809	0.319824	1.47377	1.47377	0.122821	1.87897	1.87897	0.000540152	7.61276	7.61276	0.747376	0.885218	-1.12966	5.85719	13.2024	2.0036	1
cg06928634	PCDHB9	0.00032205	0.244971	0.839071	-1.19179	0.115245	0.781096	-1.28025	0.0129747	0.640933	-1.56022	0.000113394	0.376104	-2.65884	0.000308075	0.429515	-2.32821	0.000879764	0.487029	-2.05326	0.00382384	0.569737	-1.7552	9.49E-05	0.366763	-2.72655	0.000591814	0.465144	-2.14987	16.1336	5.3184	0.29302	1
cg26991571	PCDHB9	0.00112547	0.00323757	2.85647	2.85647	0.00933555	2.36718	2.36718	0.754358	1.08549	1.08549	0.163747	1.47461	1.47461	0.0377028	1.87752	1.87752	0.0393493	1.86453	1.86453	1.87E-05	9.75485	9.75485	0.0506976	1.7894	1.7894	0.0286527	1.96337	1.96337	11.3779	12.3081	0.961558	1
cg01964358	PCDHB9	0.0141979	0.02406	0.515472	-1.93997	0.00150298	0.324167	-3.08483	0.0054537	0.406484	-2.46012	0.0812846	0.621321	-1.60947	0.0240639	0.515485	-1.93992	0.246441	0.741942	-1.34781	0.0119728	0.462055	-2.16424	0.044788	0.567087	-1.7634	0.182144	0.705588	-1.41726	5.27547	5.06696	0.853757	1
cg18865832	PCDHB9	0.0234005	0.056762	1.86449	1.86449	0.118035	1.6329	1.6329	0.17628	1.51493	1.51493	0.100512	1.68168	1.68168	0.00594584	2.82709	2.82709	0.943559	0.979751	-1.02067	0.00129675	3.87238	3.87238	0.492344	1.22319	1.22319	0.0944895	1.70071	1.70071	4.45822	5.89385	1.17513	1
cg07141885	PCDHB9	0.0260007	0.0451462	2.11481	2.11481	0.169607	1.61083	1.61083	0.127356	1.71126	1.71126	0.887486	1.04721	1.04721	0.0323638	0.442012	-2.26238	0.12594	0.583003	-1.71526	0.0285187	0.430786	-2.32134	0.0266095	2.35436	2.35436	0.86613	0.946506	-1.05652	4.29803	7.22783	1.49481	1
cg01274907	PCDHB9	0.0297659	0.0367548	3.48734	3.48734	0.00694651	6.03868	6.03868	0.0609979	2.96572	2.96572	0.137337	2.27932	2.27932	0.357798	0.614547	-1.62722	0.26228	1.82538	1.82538	0.036798	3.48603	3.48603	0.00631643	6.23993	6.23993	0.474688	1.45396	1.45396	4.09821	17.2044	3.73157	1
cg06330901	PCDHB9	0.0397787	0.0296375	2.57617	2.57617	0.0751203	2.08022	2.08022	0.415084	1.36055	1.36055	0.112039	1.89561	1.89561	0.11769	1.87381	1.87381	0.0582243	2.20584	2.20584	0.00236437	4.79347	4.79347	0.030172	2.56556	2.56556	0.109521	1.90574	1.90574	3.69067	7.98453	1.92306	1
cg08348949	PCDHB9	0.0447433	0.242182	1.35854	1.35854	0.175405	1.43433	1.43433	0.168105	1.4444	1.4444	0.0241543	1.96006	1.96006	0.580331	1.15004	1.15004	0.122769	1.51979	1.51979	0.222423	1.37846	1.37846	0.00125344	3.2527	3.2527	0.176296	1.43314	1.43314	3.53308	3.50618	0.882122	1
cg05941060	PCDHB9	0.0452968	0.0179518	2.30786	2.30786	0.11597	1.64354	1.64354	0.461641	1.24351	1.24351	0.280118	1.38612	1.38612	0.199048	1.48386	1.48386	0.324147	1.34464	1.34464	0.00191871	3.58765	3.58765	0.0477556	1.93148	1.93148	0.120885	1.63094	1.63094	3.51685	4.71069	1.19063	1
cg25142947	PCDHB9	0.0453664	0.757385	1.10097	1.10097	0.0278103	2.24151	2.24151	0.152638	1.60889	1.60889	0.0549417	1.96531	1.96531	0.600347	1.17833	1.17833	0.0768214	1.84203	1.84203	0.00934173	2.78259	2.78259	0.0106613	2.70904	2.70904	0.637706	0.863084	-1.15864	3.51483	5.36428	1.35661	1
cg02405484	PCDHGA1	8.75E-05	0.18596	0.880817	-1.13531	0.993608	0.999275	-1.00073	0.0180438	1.29687	1.29687	1.33E-05	2.28367	2.28367	0.055439	0.821634	-1.21709	4.05E-05	2.03207	2.03207	0.00164913	1.50332	1.50332	0.000236352	1.73559	1.73559	0.166345	1.14288	1.14288	22.9468	2.97626	0.115291	1
cg00395420	PCDHGA1	0.00187052	0.00388351	0.146568	-6.82279	0.0232373	0.261952	-3.8175	0.0444631	0.319923	-3.12575	0.058459	2.87413	2.87413	0.0012926	0.0987469	-10.1269	0.13935	0.455854	-2.19368	0.00115773	0.0947187	-10.5576	0.0259412	3.68946	3.68946	0.0498726	0.331386	-3.01763	9.8315	37.9689	3.43285	1
cg22056102	PCDHGA1;PCDHGA1	8.81E-07	1.57E-05	2.87536	2.87536	0.00319408	1.61032	1.61032	4.19E-05	2.51685	2.51685	2.07E-08	12.1918	12.1918	0.00363005	0.627634	-1.59329	0.807891	1.02925	1.02925	0.0194499	1.39702	1.39702	1.97E-05	2.78411	2.78411	0.123961	0.821052	-1.21795	75.7394	16.8018	0.197188	1
cg05983326	PCDHGA1;PCDHGA1	0.00012532	0.000204305	0.194981	-5.12869	0.974984	1.00827	1.00827	0.403219	1.25191	1.25191	0.00451228	2.70236	2.70236	0.00321398	0.347779	-2.87539	0.00028632	0.2111	-4.73709	2.14E-05	0.105795	-9.45222	0.40083	1.25341	1.25341	0.0441822	0.544864	-1.83532	20.8409	22.7706	0.971192	1
cg10599384	PCDHGA1;PCDHGA1	0.000716368	0.00160303	5.83441	5.83441	0.528642	1.28243	1.28243	0.00142327	6.04111	6.04111	0.000696009	7.50882	7.50882	0.00674962	0.254476	-3.92965	0.352727	0.688909	-1.45157	0.000390193	9.05363	9.05363	0.184564	1.73052	1.73052	0.655918	1.19095	1.19095	12.9269	31.0904	2.13786	1
cg00543335	PCDHGA1;PCDHGA1	0.00121999	0.554796	1.26572	1.26572	0.547367	0.786485	-1.27148	0.026913	0.355678	-2.81153	0.264164	1.58264	1.58264	6.09E-05	0.0539323	-18.5418	0.164049	1.79629	1.79629	0.00343352	4.79628	4.79628	0.152616	1.82998	1.82998	0.45556	1.34956	1.34956	11.1192	27.4003	2.19043	1
cg05580809	PCDHGA1;PCDHGA1	0.00249495	0.00829318	3.98447	3.98447	0.0974936	2.106	2.106	0.674002	1.18922	1.18922	0.00964333	3.82591	3.82591	0.0256848	0.337766	-2.96063	0.760531	0.882311	-1.13339	0.000261524	11.6866	11.6866	0.0090994	3.88602	3.88602	0.0280381	2.89481	2.89481	9.03742	24.0131	2.36185	1
cg22184507	PCDHGA1;PCDHGA1	0.00383664	0.96457	0.980092	-1.02031	0.621325	1.25284	1.25284	0.842264	0.913751	-1.09439	0.00162116	7.73036	7.73036	0.0459917	0.355121	-2.81594	0.00258062	6.62674	6.62674	0.000880128	9.55737	9.55737	0.135183	2.07308	2.07308	0.386115	1.49512	1.49512	7.95169	25.809	2.88509	1
cg26622291	PCDHGA1;PCDHGA1	0.00538555	0.179464	1.45028	1.45028	0.00900154	0.420681	-2.3771	0.686263	1.11168	1.11168	0.0427921	0.544473	-1.83664	0.000929982	0.275613	-3.62828	0.00323408	0.350889	-2.8499	0.424603	1.23689	1.23689	0.164757	0.679487	-1.4717	0.0273138	0.506181	-1.97558	7.17369	7.72322	0.956981	1
cg27577149	PCDHGA1;PCDHGA1	0.0125546	0.00620663	3.10925	3.10925	0.0257603	2.32072	2.32072	0.0287336	2.27083	2.27083	0.0876731	1.82087	1.82087	0.316728	1.38966	1.38966	0.392544	1.32111	1.32111	0.00391016	3.43763	3.43763	0.00170385	4.1557	4.1557	0.0644429	1.93564	1.93564	5.49224	8.79177	1.4229	1
cg21722795	PCDHGA1;PCDHGA1	0.0181382	0.0264019	4.69492	4.69492	0.187557	2.27146	2.27146	0.0860669	3.04702	3.04702	0.386301	1.68487	1.68487	0.404615	1.65023	1.65023	0.675313	1.28077	1.28077	0.00049163	24.6929	24.6929	0.018553	5.34953	5.34953	0.0958438	2.92838	2.92838	4.8626	26.5739	4.85774	1
cg11011625	PCDHGA1;PCDHGA2;PCDHGA2	9.88E-05	0.937702	1.01868	1.01868	0.177413	1.40411	1.40411	0.141344	1.45135	1.45135	0.0101408	2.15515	2.15515	0.0407685	0.571658	-1.7493	0.021564	1.92217	1.92217	0.750574	0.92727	-1.07843	1.12E-06	20.072	20.072	0.853594	0.957204	-1.04471	22.2131	19.7227	0.789232	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04830357	PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000477935	0.721842	1.11025	1.11025	0.0111349	2.53709	2.53709	0.0035417	3.17691	3.17691	0.0118625	2.50683	2.50683	0.579502	1.17793	1.17793	0.777821	0.920569	-1.08628	0.522166	1.20876	1.20876	6.73E-06	18.6313	18.6313	0.0474952	1.9411	1.9411	14.4705	19.6176	1.20506	1
cg23383590	PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00169335	0.865188	1.06414	1.06414	0.275282	1.51471	1.51471	0.436244	1.33719	1.33719	0.765206	1.1158	1.1158	0.080701	0.492317	-2.03121	0.319195	1.45732	1.45732	0.210677	0.617236	-1.62013	2.27E-05	22.2783	22.2783	0.664129	0.852280	-1.17331	10.1192	21.449	1.88411	1
cg18378616	PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0164141	0.863869	1.09386	1.09386	0.949583	0.967481	-1.03361	0.31413	1.72329	1.72329	0.184556	2.08709	2.08709	0.948407	1.03441	1.03441	0.712458	1.21353	1.21353	0.986151	0.990967	-1.00912	0.000181833	27.3857	27.3857	0.47709	1.45928	1.45928	5.02803	21.7656	3.84786	1
cg23074912	PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000175816	0.882483	1.04278	1.04278	0.421828	0.79264	-1.26161	0.000939368	4.04581	4.04581	0.001015942	3.93977	3.93977	3.26E-05	9.84225	9.84225	9.04E-05	7.26345	7.26345	0.00379587	3.01172	3.01172	0.00030983	5.24655	5.24655	0.029515	2.06651	2.06651	19.0236	24.1662	1.12918	1
cg19689427	PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000626222	0.000610732	6.97688	6.97688	0.0796945	2.04543	2.04543	0.196704	1.6524	1.6524	0.006051333	3.74025	3.74025	0.000618267	6.95124	6.95124	0.295781	0.67105	-1.4902	0.000188643	10.1461	10.1461	0.00168337	5.21704	5.21704	0.000972137	6.08585	6.08585	13.4227	28.7803	1.90591	1
cg23262897	PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000679463	0.915073	1.03064	1.03064	0.0271209	2.09599	2.09599	0.00494945	2.86575	2.86575	0.04534438	1.91453	1.91453	0.171537	1.50957	1.50957	0.022364	2.169	2.169	0.482782	0.817263	-1.2236	1.53E-05	12.5896	12.5896	0.00168024	3.56266	3.56266	13.1199	16.6299	1.1267	1
cg20717585	PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00724274	0.004483715	3.05068	3.05068	0.193099	0.662956	-1.5084	0.635472	0.867174	-1.15317	0.437163	0.789344	-1.26687	0.0105759	0.383008	-2.61091	0.0374677	0.48649	-2.05554	0.0398775	0.492149	-2.0319	0.00819986	2.74422	2.74422	0.576176	1.18358	1.18358	6.5451	9.23295	1.25393	1
cg17614499	PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.008992297	0.01010381	1.86348	1.86348	0.1625571	1.33103	1.33103	0.529647	1.12991	1.12991	0.710207	1.07422	1.07422	0.209762	1.28858	1.28858	0.0712286	1.47182	1.47182	0.0001945	3.32847	3.32847	0.0241793	1.67455	1.67455	0.235708	1.26916	1.26916	6.11389	3.56243	0.517936	1
cg05046305	PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00916745	0.035878	3.16273	3.16273	0.242316	0.561493	-1.78097	0.0192723	3.80058	3.80058	0.656498	0.809672	-1.23507	0.0513302	2.84762	2.84762	0.0399317	3.06497	3.06497	0.000889256	10.4645	10.4645	0.010756	4.53349	4.53349	0.933294	1.04027	1.04027	6.0767	21.4095	3.13174	1
cg09669104	PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0337647	0.275101	1.32943	1.32943	0.129928	0.663493	-1.50717	0.188504	1.41823	1.41823	0.214005	1.38833	1.38833	0.575087	0.867593	-1.15261	0.0574716	1.71396	1.71396	0.00254048	2.85884	2.85884	0.080067	1.62742	1.62742	0.0812515	1.62368	1.62368	3.91763	3.90197	0.885335	1
cg22056094	PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0391542	0.445453	0.591543	-1.6905	0.6070838	0.704565	-1.41932	0.785053	0.831488	-1.20266	0.33119	1.9675	1.9675	7	7	7	0.0144047	0.130562	-7.65923	0.0273132	5.84465	5.84465	0.0214784	6.45335	6.45335	0.583365	1.45338	1.45338	3.77085	24.1877	6.41441	1
cg10933186	PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0430146	0.0626864	2.90612	2.90612	0.0121487	4.91366	4.91366	0.0869032	2.61944	2.61944	0.646736	1.26495	1.26495	0.262682	1.81266	1.81266	0.229326	1.90119	1.90119	0.0021733	8.94347	8.94347	0.150609	2.19169	2.19169	0.168313	2.11223	2.11223	3.5854	14.7307	3.65202	1
cg03447435	B1;PCDHGB1;PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	3.15E-05	0.423387	0.807324	-1.23866	0.417255	1.24234	1.24234	0.127259	1.53985	1.53985	5.10E-05	7.28862	7.28862	0.365078	1.27584	1.27584	0.0288496	0.509359	-1.96325	0.490975	0.832666	-1.20096	7.36E-07	33.1095	33.1095	0.323622	0.765792	-1.30584	30.078	32.639	0.964574	1
cg26960988	B1;PCDHGB1;PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	4.41E-05	0.415834	1.21212	1.21212	0.00963724	2.13372	2.13372	0.778187	0.936765	-1.0675	0.738516	0.925431	-1.08058	0.00113757	0.330497	-3.02574	1.68E-05	0.129304	-7.73369	9.72E-06	0.110635	-9.0387	0.00990377	2.12493	2.12493	0.00184054	0.359435	-2.78214	27.5201	23.3216	0.753277	1
cg13048822	B1;PCDHGB1;PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000146439	0.158944	0.625037	-1.59991	0.0113155	0.371569	-2.69129	0.719393	0.893498	-1.1192	0.751271	1.10435	1.10435	9.41E-05	8.78344	8.78344	0.363332	0.74706	-1.33858	0.617677	1.17008	1.17008	7.78E-06	21.3414	21.3414	0.509752	0.811615	-1.23211	19.9859	30.8398	1.37163	1
cg17557357	B1;PCDHGB1;PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00021591	0.132019	0.611283	-1.6359	0.24462	1.4456	1.4456	0.93574	1.02471	1.02471	0.000431722	5.39653	5.39653	0.958235	1.01598	1.01598	0.216685	0.674635	-1.48228	6.20E-05	9.34975	9.34975	2.77E-05	12.1839	12.1839	0.39307	1.30329	1.30329	17.9935	26.1239	1.29053	1
cg25592513	B1;PCDHGB1;PCDHGA2;PCDHGA1;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000443344	0.517337	1.16396	1.16396	0.0136472	2.02509	2.02509	0.773157	0.935339	-1.06913	0.0119916	2.06451	2.06451	0.899355	1.0297	1.0297	0.0175758	0.51261	-1.9508	0.12054	1.47617	1.47617	1.22E-05	8.4539	8.4539	0.0494487	0.595392	-1.67957	14.7745	12.5174	0.753092	1
cg03617826	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00192467	0.108025	1.7533	1.7533	0.16372	1.60947	1.60947	0.0392692	2.14628	2.14628	0.445413	1.28285	1.28285	0.141141	0.602435	-1.65993	0.120055	1.71602	1.71602	0.260415	0.686686	-1.45627	4.14E-05	12.195	12.195	0.012953	2.68492	2.68492	9.75028	15.8337	1.44349	1
cg12608145	A3;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00027229	0.000251349	5.08268	5.08268	0.000569275	4.2092	4.2092	0.176043	1.47314	1.47314	0.0546613	1.79855	1.79855	0.485684	0.826319	-1.21019	0.26715	0.732486	-1.36521	0.00071444	0.249692	-4.00493	0.000186772	5.46471	5.46471	0.127352	1.55891	1.55891	16.8918	19.4007	1.02091	1
cg01418385	A3;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00413847	0.00381985	0.358844	-2.78673	0.0250391	0.496324	-2.01481	0.0168221	0.464623	-2.15228	0.518233	0.841883	-1.18781	0.112355	0.634938	-1.57496	0.0614933	1.7394	1.7394	0.000499002	0.239038	-4.18343	0.321303	1.30899	1.30899	0.059505	0.571834	-1.74876	7.77228	8.4997	0.972081	1
cg14468658	A3;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00993752	0.196839	1.90293	1.90293	0.0368773	3.13637	3.13637	0.79348	0.883634	-1.13169	0.0595931	2.72504	2.72504	0.00916722	2.210068	-4.76036	0.358471	1.56088	1.56088	0.0580136	0.364089	-2.74658	0.00296679	6.84025	6.84025	0.167359	2.00172	2.00172	5.92248	20.855	3.13007	1
cg18781988	A3;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.014389	0.00480264	17.7565	17.7565	0.35411	2.08109	2.08109	0.111563	3.78976	3.78976	0.960515	0.962656	-1.03879	0.626767	1.4575	1.4575	0.131518	3.49585	3.49585	0.0200006	0.115542	-8.65487	0.0049894	17.4041	17.4041	0.0500086	5.57398	5.57398	5.25231	49.1594	8.31964	1
cg06742719	A3;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.029749	0.0466699	3.7603	3.7603	0.0212222	5.00587	5.00587	0.841632	0.890186	-1.12336	0.408018	0.611344	-1.63574	0.153595	0.411314	-2.43123	0.100763	2.84401	2.84401	0.200844	0.455857	-2.19367	0.00631545	7.90871	7.90871	0.735685	1.21776	1.21776	4.09904	21.9405	4.75982	1
cg04438558	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	2.47E-05	7.04E-05	5.96305	5.96305	6.79E-05	6.01661	6.01661	0.473052	1.19681	1.19681	0.00204722	2.91452	2.91452	0.000259411	0.227782	-4.39016	0.000246749	4.43866	4.43866	0.00204809	0.343137	-2.91429	5.11E-05	6.47282	6.47282	0.0845941	1.59935	1.59935	13.2038	30.7517	0.85318	1
cg24066843	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000252532	0.0221566	1.81769	1.81769	0.0351056	0.585767	-1.70716	0.00279813	0.407579	-2.45351	0.250378	1.29912	1.29912	1.11E-05	0.1303	-7.6746	0.0964576	0.671909	-1.4883	0.0156273	1.90747	1.90747	0.59123	1.12538	1.12538	0.0139383	0.51596	-1.93813	17.2425	12.9626	0.668248	1
cg11236452	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000534398	0.0220189	0.446244	-2.24092	0.0126431	0.402252	-2.48601	0.0265398	0.461885	-2.16504	0.197194	0.669991	-1.49256	0.000753761	0.222905	-4.48622	0.00326742	3.24753	3.24753	0.00248537	3.43885	3.43885	0.00220725	3.5267	3.5267	0.0858691	0.572571	-1.74651	14.0289	19.1747	1.21493	1
cg02146079	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00147078	0.130141	0.681583	-1.46717	0.00162338	2.88371	2.88371	0.0584846	0.60577	-1.65079	0.0261794	1.85625	1.85625	0.00860272	0.455791	-2.19399	0.0526823	1.67611	1.67611	0.238126	1.33608	1.33608	0.000352807	3.84178	3.84178	0.712062	1.09082	1.09082	10.5391	9.17732	0.774035	1
cg01301252	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00346883	0.0786716	1.51372	1.51372	0.00340546	2.32791	2.32791	0.0159684	1.87063	1.87063	0.046424	1.62293	1.62293	0.00364187	0.433878	-2.30479	0.238585	0.769491	-1.29956	0.0565581	0.632417	-1.58124	0.0204126	1.80977	1.80977	0.0977736	1.47051	1.47051	8.19571	5.84911	0.634382	1
cg23159693	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0219545	0.0138589	2.83479	2.83479	0.0819615	1.93557	1.93557	0.181584	1.62566	1.62566	0.0258041	1.49846	1.49846	0.308354	1.43516	1.43516	0.100867	1.85096	1.85096	0.000635249	6.03796	6.03796	0.0461538	2.18775	2.18775	0.166138	1.65858	1.65858	4.57571	8.47401	1.65288	1
cg18839637	A1;PCDHGA2;PCDHGA3;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0224638	0.0092809	10.8494	10.8494	0.0368873	5.75919	5.75919	0.0807452	4.05043	4.05043	0.156965	2.98419	2.98419	0.0253785	0.146694	-6.8169	0.0277042	6.55183	6.55183	0.459176	1.72352	1.72352	0.049069	5.06702	5.06702	0.132562	3.22924	3.22924	4.52142	37.3569	7.34418	1
cg01561869	A1;PCDHGA2;PCDHGA4;PCDHGA1;PCDHGA3;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0459961	0.0785245	4.38255	4.38255	0.0798659	4.34759	4.34759	0.129587	3.44957	3.44957	0.442179	1.80859	1.80859	0.213648	0.371515	-2.69168	0.83685	1.16873	1.16873	0.00312797	21.2246	21.2246	0.0659003	4.76022	4.76022	0.127291	3.47958	3.47958	3.4967	31.6645	8.04938	1
cg27079776	A4;PCDHGB1;PCDHGA3;PCDHGA1;PCDHGA2;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.000151976	0.00578439	0.525411	-1.90327	0.0226548	1.62533	1.62533	0.796385	0.955017	-1.0471	0.537111	0.894724	-1.11766	0.0140138	1.71601	1.71601	0.946489	0.988124	-1.01202	0.0025161	0.473877	-2.11025	8.33E-06	5.63863	5.63863	0.00435701	1.96993	1.96993	19.787	9.92887	0.446034	1
cg01575930	A4;PCDHGB1;PCDHGA3;PCDHGA1;PCDHGA2;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00418616	0.0626016	1.84343	1.84343	0.0334011	0.484043	-2.06593	0.0880525	1.73231	1.73231	0.0286556	2.1244	2.1244	0.000856306	4.31366	4.31366	0.140501	1.58853	1.58853	0.000765256	4.42767	4.42767	0.236216	1.43662	1.43662	0.23766	1.43487	1.43487	7.74543	10.4514	1.19943	1
cg05043461	B1;PCDHGB1;PCDHGA4;PCDHGA2;PCDHGA3;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	9.09E-05	0.000512648	3.41515	3.41515	0.319032	1.26263	1.26263	0.00085224	3.11091	3.11091	4.10E-05	5.87814	5.87814	0.0470012	1.67334	1.67334	0.379263	0.815249	-1.22662	0.635753	0.897588	-1.1141	1.58E-05	7.52263	7.52263	0.000180687	4.19979	4.19979	22.7113	18.4449	0.721909	1
cg16626420	B1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGA1;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00222926	0.10461	1.44639	1.44639	0.000511211	0.323365	-3.09248	0.00510478	0.463048	-2.15961	0.0410617	1.6331	1.6331	0.00941783	0.504184	-1.9834	0.0438812	1.61914	1.61914	0.179635	0.743388	-1.34519	0.116561	1.42589	1.42589	0.676481	0.916392	-1.09124	9.34109	6.40435	0.609431	1
cg07442271	B1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGA1;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.00582618	0.567872	1.21572	1.21572	0.00744488	3.20958	3.20958	0.000657092	5.84875	5.84875	0.269106	1.47612	1.47612	0.463929	0.777071	-1.28688	0.216524	1.55272	1.55272	0.400016	1.33843	1.33843	0.00405775	3.68933	3.68933	0.00321982	3.89682	3.89682	7.00236	12.6963	1.61168	1
cg04837923	A3;PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0219023	0.0101962	3.07537	3.07537	0.138442	1.73874	1.73874	0.0416359	2.2581	2.2581	0.173178	1.65306	1.65306	0.0510622	3.60825	3.60825	0.642234	0.850229	-1.17615	0.347629	1.39844	1.39844	0.00614728	3.45438	3.45438	0.0480448	2.18953	2.18953	4.472	8.51787	1.69308	1
cg00978427	B1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGA1;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0241192	0.0342018	2.43536	2.43536	0.340194	1.42485	1.42485	0.727198	0.881478	-1.13446	0.0294684	0.397104	-2.51823	0.66758	0.855875	-1.16839	0.838856	1.0761	1.0761	0.00642905	3.58498	3.58498	0.0191456	2.77646	2.77646	0.117909	1.84338	1.84338	4.41182	9.06603	1.82661	1
cg20433262	B1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGA1;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0279159	0.107656	0.500406	-1.99838	0.100507	0.491904	-2.03292	0.823804	0.915818	-1.09192	0.450999	1.35371	1.35371	0.00917001	3.68701	3.68701	0.310461	0.661105	-1.51262	0.222661	1.65755	1.65755	0.00905984	3.69856	3.69856	0.212081	1.67923	1.67923	4.19222	10.3246	2.18915	1
cg12487540	B1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGA1;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	0.0359594	0.0221389	5.38228	5.38228	0.240462	2.12554	2.12554	0.217832	2.21527	2.21527	0.0200336	5.59451	5.59451	0.0402046	4.28188	4.28188	0.34013	1.82791	1.82791	0.00665143	8.67738	8.67738	0.0108645	7.11497	7.11497	0.0813816	3.27145	3.27145	3.8294	22.8305	5.29947	1
cg21073350	B1;PCDHGA3;PCDHGA2;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	2.44E-07	1.39E-07	6.12457	6.12457	7.69E-05	2.189	2.189	0.00839799	1.44519	1.44519	0.0255608	0.748139	-1.33665	1.99E-06	3.61353	3.61353	2.95E-05	0.408432	-2.44839	7.05E-05	0.452446	-2.21021	1.30E-07	6.2216	6.2216	0.11609	1.20538	1.20538	104.976	19.8892	0.168412	1
cg21161927	B1;PCDHGA3;PCDHGA2;PCDHGB1;PCDHGA1;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12	3.06E-06	0.371836	0.84755	-1.17987	0.590355	0.906616	-1.103	0.0895449	0.713428	-1.40168	0.00876298	1.82629	1.82629	1.28E-06	9.44667	9.44667	0.0274711	0.624728	-1.6007	0.000381132	0.359332	-2.78294	2.76E-07	15.4642	15.4642	0.855094	1.03353	1.03353	55.068	28.3819	0.45813	1
cg12375722	B1;PCDHGA3;PCDHGA4;PCDHGA11;PCDHGA1;PCDHGA9;PCDHGA12;PCDHGB1;PCDHGA2;PCDHGA10;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8	0.000769379	0.00931933	2.86805	2.86805	0.0765001	0.532879	-1.8766	0.0544226	0.497991	-2.00807	0.977085	0.990867	-1.00922	0.000335471	6.34431	6.34431	0.16966	0.626685	-1.5957	0.0111597	0.362011	-2.76234	0.000433949	5.91341	5.91341	0.253922	0.683461	-1.46314	12.6704	20.4779	1.43662	1
cg02267483	PCDHGA4;PCDHGA11;PCDHGA1;PCDHGA9;PCDHGA2;PCDHGB1;PCDHGB6;PCDHGA12;PCDHGA3;PCDHGB3;PCDHGB7;PCDH	0.0105339	0.00376488	7.73846	7.73846	0.00190085	9.9971	9.9971	0.0322844	3.73314	3.73314	0.0574953	3.07769	3.07769	0.311411	1.72982	1.72982	0.0617602	3.00688	3.00688	0.0509936	3.2001	3.2001	0.00565272	6.68698	6.68698	0.0108713	5.32988	5.32988	5.81292	25.2095	3.85494	1
cg12304520	PCDHGA4;PCDHGA11;PCDHGA1;PCDHGA9;PCDHGA2;PCDHGB1;PCDHGB6;PCDHGA12;PCDHGA3;PCDHGB3;PCDHGB7;PCDH	0.0145193	0.0182075	6.14705	6.14705	0.00184101	16.4763	16.4763	0.0512396	4.08028	4.08028	0.253336	2.1291	2.1291	0.599258	1.39917	1.39917	0.747287	1.22727	1.22727	0.108862	3.02731	3.02731	0.00710641	9.05048	9.05048	0.00542173	10.1564	10.1564	5.23672	33

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21929183	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB8P;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0101924	0.00140937	15.9598	15.9598	0.0458725	3.94061	3.94061	0.0276111	4.76234	4.76234	0.0598321	3.56962	3.56962	0.0369354	4.27172	4.27172	0.102353	2.91884	2.91884	0.0124177	6.45275	6.45275	0.00346198	10.786	10.786	0.0108666	6.79574	6.79574	5.87468	33.4072	5.0548	1
cg00808170	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB8P;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0127904	0.0146567	4.04559	4.04559	0.0197883	3.7018	3.7018	0.0445958	2.92283	2.92283	0.13548	2.11349	2.11349	0.00859	4.75375	4.75375	0.517708	1.35666	1.35666	0.00119074	9.11362	9.11362	0.0197244	3.70532	3.70532	0.0388294	3.04213	3.04213	5.45904	18.7023	3.04528	1
cg18439861	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB8P;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0173554	0.0212716	2.96819	2.96819	0.00680807	3.96637	3.96637	0.0749668	2.18	2.18	0.504959	1.30456	1.30456	0.0149742	3.23988	3.23988	0.024473	2.86708	2.86708	0.00211303	5.46585	5.46585	0.0673394	2.23808	2.23808	0.155429	1.81736	1.81736	4.93518	12.071	2.17415	1
cg08200869	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB8P;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0431323	0.00732147	3.79633	3.79633	0.0561875	2.30339	2.30339	0.278484	1.54461	1.54461	0.0854918	2.08219	2.08219	0.929307	1.03483	1.03483	0.0686766	2.19507	2.19507	0.0619708	2.2499	2.2499	0.00830591	3.67582	3.67582	0.0588215	2.27823	2.27823	3.58175	8.44431	2.09563	1
cg16316394	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB8P;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0194406	0.0658725	3.44598	3.44598	0.0524478	3.75143	3.75143	0.0863461	3.11389	3.11389	0.240464	0.478658	-2.08917	0.566467	1.41538	1.41538	0.514152	1.48679	1.48679	0.00216033	13.2163	13.2163	0.0124855	6.445	6.445	0.0199767	5.38416	5.38416	4.75006	27.0382	5.05971	1
cg14681511	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB8P;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0421195	0.0653673	3.22503	3.22503	0.0082411	6.77266	6.77266	0.202912	2.1402	2.1402	0.756878	0.838795	-1.19219	0.04359	0.268893	-3.71896	0.228442	2.04532	2.04532	0.749094	0.833895	-1.19919	0.0347212	4.02892	4.02892	0.433573	1.572	1.572	3.61352	18.339	4.51122	1
cg01729977	PCDHGA4;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHG	0.000801899	0.345715	0.733981	-1.36243	0.0103537	2.79688	2.79688	0.0408717	2.12055	2.12055	0.20421	1.53222	1.53222	0.0038248	0.288857	-3.46192	0.0326447	2.21712	2.21712	0.000194496	7.36413	7.36413	0.000399534	6.01412	6.01412	0.319351	1.38782	1.38782	12.5237	20.1174	1.42786	1
cg02715006	PCDHGA4;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHG	0.00149462	0.761317	0.95161	-1.05085	0.400929	1.15025	1.15025	0.0308346	1.51108	1.51108	0.000226733	2.71286	2.71286	0.813686	1.03919	1.03919	0.111776	1.32573	1.32573	0.0077425	1.74523	1.74523	0.00010876	3.03481	3.03481	0.0574119	1.41894	1.41894	10.4904	4.40392	0.373159	1
cg04845915	PCDHGA4;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHG	0.00779029	0.00950012	4.91272	4.91272	0.00815532	5.15763	5.15763	0.109234	2.33058	2.33058	0.115283	2.29225	2.29225	0.505669	0.720945	-1.38707	0.127285	2.22313	2.22313	0.000571259	13.2547	13.2547	0.0103079	4.78743	4.78743	0.0491913	2.96753	2.96753	6.39735	23.781	3.30429	1
cg13023584	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.00031131	?	?	?	6.71E-05	8.14928	8.14928	0.261672	1.39973	1.39973	0.0721132	1.78014	1.78014	0.0023154	3.39607	3.39607	0.325317	1.33882	1.33882	2.55E-05	11.0127	11.0127	0.00532198	2.87192	2.87192	0.0986826	1.68238	1.68238	16.6878	19.3909	1.16198	1
cg09484752	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0123378	0.0183297	0.67658	-1.47802	0.0553898	1.34498	1.34498	0.00482513	0.600303	-1.66583	0.150522	1.23408	1.23408	0.178464	0.822738	-1.21545	0.815295	1.03245	1.03245	0.00094168	1.96074	1.96074	0.0632119	0.751883	-1.32999	0.000714761	0.494997	-2.02021	11.0836	3.27009	0.262257	1
cg02161292	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.00586387	0.127837	1.99918	1.99918	0.00229835	6.00725	6.00725	0.0452665	2.62866	2.62866	0.0713918	2.33333	2.33333	0.48682	0.742823	-1.34622	0.0166159	3.42389	3.42389	0.000960667	7.91888	7.91888	0.00482787	4.82178	4.82178	0.0247634	3.0793	3.0793	6.98846	19.5976	2.49269	1
cg01000954	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0166224	0.0250567	2.69365	2.69365	0.10304	1.94061	1.94061	0.00772142	3.56893	3.56893	0.202414	1.64924	1.64924	0.821328	1.08773	1.08773	0.342804	1.43811	1.43811	0.000745753	6.70375	6.70375	0.0350783	2.49122	2.49122	0.477681	1.30784	1.30784	5.00692	10.9592	1.94561	1
cg05197036	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0182036	0.689626	0.942966	-1.06048	0.163602	1.24295	1.24295	0.00592325	1.69314	1.69314	0.287095	1.17551	1.17551	0.0439559	1.40308	1.40308	0.140449	1.2611	1.2611	0.000967963	2.05139	2.05139	0.0613521	1.3612	1.3612	0.132029	1.26846	1.26846	4.85671	1.6461	0.301274	1
cg04117404	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0466509	0.0474706	3.3237	3.3237	0.339829	1.68393	1.68393	0.555928	0.7294	-1.37099	0.233787	1.93723	1.93723	0.526887	0.712028	-1.40444	0.380945	1.60973	1.60973	0.00439999	7.49491	7.49491	0.0114678	5.34202	5.34202	0.392415	1.59065	1.59065	3.47816	15.4586	3.95064	1
cg07445963	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGC3;PCDHGB3;PCDH	0.0223103	0.150895	0.796348	-1.25573	0.0278986	1.46865	1.46865	0.0058877	0.586789	-1.70419	0.0775086	0.748056	-1.3368	0.0458873	0.712829	-1.40286	0.272169	0.84444	-1.18422	0.252068	0.837787	-1.19362	0.0137315	0.637172	-1.56944	0.471924	0.897411	-1.11432	4.53209	1.57072	0.308068	1
cg18869485	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGC3;PCDHGB6;PCDHGB3;PCDH	0.000348959	0.000614034	0.413951	-2.41574	0.984144	0.996683	-1.00333	0.785297	0.95537	-1.04671	0.00221433	2.04817	2.04817	9.90E-05	0.314896	-3.17565	0.980648	0.995953	-1.00406	0.000485663	0.400764	-2.49524	0.0858192	1.37359	1.37359	0.148032	0.771469	-1.29623	15.7822	6.98751	0.393554	1
cg02780295	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGC3;PCDHGB6;PCDHGB3;PCDH	0.00646632	0.188607	0.826268	-1.21026	0.0283182	1.42572	1.42572	0.0020192	1.81609	1.81609	0.317324	1.15214	1.15214	0.186935	1.21124	1.21124	0.144472	0.806737	-1.23956	0.00417652	0.591054	-1.69189	0.18757	0.825853	-1.21087	0.16343	1.22602	1.22602	6.78029	2.01554	0.264236	1
cg13993336	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGC3;PCDHGB6;PCDHGB3;PCDH	0.0121966	0.845847	1.05636	1.05636	0.979649	0.99284	-1.00721	0.0653995	1.79074	1.79074	0.00139505	0.271318	-3.68571	0.00876043	0.390396	-2.5615	0.013004	0.419716	-2.38256	0.186436	0.67397	-1.48375	0.746457	0.912664	-1.09569	0.915545	0.970559	-1.03033	5.54416	6.96825	1.11721	1
cg02430347	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGC3;PCDHGB6;PCDHGB3;PCDH	0.0238421	0.852336	1.14674	1.14674	0.0132429	0.104764	-9.5453	0.304599	0.457833	-2.1842	?	?	?	0.00228938	0.0435777	-22.9475	0.257974	0.420042	-2.38072	0.177852	2.86384	2.86384	0.50597	1.64201	1.64201	0.525926	1.60361	1.60361	4.50749	34.2657	7.60194	1
cg18054674	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.0463896	0.0365142	4.8769	4.8769	0.0387776	4.75942	4.75942	0.106135	3.1599	3.1599	0.145302	2.77205	2.77205	0.0369321	4.85444	4.85444	0.101696	3.21604	3.21604	0.00510195	11.1657	11.1657	0.0523951	4.21334	4.21334	0.047996	4.3656	4.3656	3.48552	23.4649	5.98408	1
cg25408325	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.00160757	0.00544571	2.47875	2.47875	0.0727946	1.64358	1.64358	0.033392	1.85367	1.85367	0.737831	1.08698	1.08698	0.381631	0.800302	-1.24953	0.12528	1.5097	1.5097	3.14E-05	7.49895	7.49895	0.014063	2.12251	2.12251	0.100594	1.56286	1.56286	10.2724	10.027	0.867655	1
cg25564433	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.0140703	0.0605192	2.36321	2.36321	0.0255051	2.94053	2.94053	0.0904714	2.13401	2.13401	0.0442831	0.391075	-2.55705	0.343038	0.672375	-1.48727	0.332967	0.666429	-1.50053	0.0133178	3.47668	3.47668	0.0142494	3.41588	3.41588	0.0352107	2.7095	2.7095	5.29117	13.8372	2.32458	1
cg09029624	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.020236	0.028407	3.42104	3.42104	0.0295779	3.38023	3.38023	0.151434	2.07675	2.07675	0.148099	2.09107	2.09107	0.443733	1.44957	1.44957	0.69475	1.20624	1.20624	0.000680022	11.8072	11.8072	0.0252056	3.545	3.545	0.130674	2.17286	2.17286	4.68584	16.7765	3.18244	1
cg18705909	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.0242516	0.0266937	6.94075	6.94075	0.00679273	13.304	13.304	0.122477	3.43802	3.43802	0.308564	2.17622	2.17622	0.0139589	9.3961	9.3961	0.756249	1.25828	1.25828	0.002802	20.8803	20.8803	0.129863	3.34427	3.34427	0.112838	3.57303	3.57303	4.40346	37.9673	7.66412	1
cg24633027	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.0420851	0.0654087	2.49042	2.49042	0.0196221	3.48905	3.48905	0.280446	1.64421	1.64421	0.332335	1.55778	1.55778	0.0312542	3.06524	3.06524	0.0965469	2.2449	2.2449	0.00434949	5.41291	5.41291	0.0262882	3.21575	3.21575	0.103078	2.20418	2.20418	3.61461	11.2461	2.76558	1
cg26723766	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.00411243	0.766419	1.12037	1.12037	0.070099	0.472392	-2.11689	0.249676	1.58251	1.58251	0.576023	0.806095	-1.24055	0.0331	0.386515	-2.58722	0.656723	0.843103	-1.18609	0.000256488	0.100597	-9.94067	0.00902159	3.5486	3.5486	0.0710966	0.463362	-2.15814	7.78711	17.9533	2.04935	1
cg04773864	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.00631473	0.718128	0.888362	-1.12567	0.156158	1.6412	1.6412	0.0429523	2.13978	2.13978	0.0919517	0.545614	-1.8328	0.0705794	0.516902	-1.9346	0.495366	0.797652	-1.25368	0.000407886	6.2586	6.2586	0.0305176	2.2937	2.2937	0.167239	1.61737	1.61737	6.83033	11.5366	1.50136	1
cg13307880	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.00826832	0.00690303	9.93143	9.93143	0.015293	7.06365	7.06365	0.140935	2.82814	2.82814	0.015546	7.0152	7.0152	0.00225312	16.5569	16.5569	0.168524	2.62025	2.62025	0.0135561	7.43114	7.43114	0.00265627	15.3158	15.3158	0.0167672	6.79667	6.79667	6.27856	42.8573	6.06754	1
cg15829642	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.0121594	0.719963	0.813976	-1.22854	0.0264566	4.50162	4.50162	0.682772	0.790628	-1.26482	0.233169	2.04359	2.04359	0.168856	0.432511	-2.31208	0.8918	0.925139	-1.08092	0.00121605	14.9871	14.9871	0.00891376	6.70217	6.70217	0.0386201	3.93362	3.93362	5.54967	28.7304	4.60174	1
cg03828328	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.0148498	0.0368253	2.85022	2.85022	0.0302342	3.00556	3.00556	0.791798	0.892021	-1.12105	0.0421846	2.74812	2.74812	0.177757	1.85626	1.85626	0.201412	0.55839	-1.79086	0.0124816	3.82852	3.82852	0.00151768	7.18893	7.18893	0.627902	1.23485	1.23485	5.19796	15.3568	2.62613	1
cg13650304	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGA5;PCDHGB3;PCDHGA2;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHG	0.0254394	0.00245546	3.0755	3.0755	0.0140977	2.24205	2.24205	0.119575	1.5684	1.5684	0.175833	1.46748	1.46748	0.0369143	1.90752	1.90752	0.317713	1.31681	1.31681	0.0247053	2.03933	2.03933	0.0135472	2.25738	2.25738	0.147819	1.51249	1.51249	4.33088	4.8704	0.999622	1
cg18891762	HGA5;PCDHGA4;PCDHGA12;PCDHGB2;PCDHG	0.0297592	0.0266059	4.68578	4.68578	0.0202773	5.18059	5.18059	0.257404	2.00308	2.00308	0.164266	2.39229	2.39229	0.0884389	3.01855	3.01855	0.0495938	3.73088	3.73088	0.00172096	13.8619	13.8619	0.0437026	3.9071	3.9071	0.154117	2.45152	2.45152	4.09854	22.424	4.86331	1
cg21752383	A1;PCDHGB1;PCDHGA3;PCDHGB2;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.000162833	0.000391798	0.263669	-3.79263	0.428178	1.21027	1.21027	0.335471	0.791098	-1.26407	0.0499294	1.69475	1.69475	0.011909	2.097	2.097	0.507356	0.85326	-1.17198	1.58E-05	8.18725	8.18725	0.00585036	2.34256	2.34256	0.0109071	0.470504	-2.12538	19.422	17.1226	0.78365	1
cg17693374	A1;PCDHGB1;PCDHGA3;PCDHGB2;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.000262225	0.000782408	3.83439	3.83439	5.22E-05	0.135166	-7.39832	0.119401	0.639467	-1.5638	0.00221933	3.1084	3.1084	0.788863	1.0736	1.0736	0.369988	1.27582	1.27582	0.0110377	0.430219	-2.3244	0.00434074	2.74148	2.74148	0.550225	1.17343	1.17343	17.0663	18.9219	0.985531	1
cg06615730	A1;PCDHGB1;PCDHGA3;PCDHGB2;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.00450517	0.0793529	0.420908	-2.37582	0.00196896	0.143222	-6.98215	0.143527	0.497391	-2.01049	0.0164234	3.67993	3.67993	0.92753	1.04125	1.04125	0.893734	1.06118	1.06118	0.0906445	0.436795	-2.28941	0.00166795	7.37328	7.37328	0.746797	1.15481	1.15481	7.57508	23.6847	2.77925	1
cg00633552	A1;PCDHGB1;PCDHGA3;PCDHGB2;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.0202699	0.0301323	3.56047	3.56047	0.00747406	5.55687	5.55687	0.0722571	2.71557	2.71557	0.609672	0.773817	-1.29229	0.200403	1.96114	1.96114	0.612224	0.775257	-1.28989	0.00151536	9.72717	9.72717	0.28472	1.73912	1.73912	0.814801	1.12395	1.12395	4.68317	18.3938	3.49124	1
cg26856475	A1;PCDHGB1;PCDHGA3;PCDHGB2;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.0323631	0.0257382	6.00324	6.00324	0.0136766	7.87354	7.87354	0.447807	1.68794	1.68794	0.203005	2.48276	2.48276	0.332931	1.96573	1.96573	0.490663	1.60602	1.60602	0.00191195	19.5764	19.5764	0.0357177	5.22717	5.22717	0.11932	3.13876	3.13876	3.97777	28.8478	6.44644	1
cg14472390	A1;PCDHGB1;PCDHGA3;PCDHGB2;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.0342724	0.376963	1.60853	1.60853	0.0766565	2.80783	2.80783	0.0449988	3.34049	3.34049	0.0756998	2.81941	2.81941	0.0883333	2.68015	2.68015	0.525671	1.40096	1.40096	0.00300216	8.44485	8.44485	0.0138249	4.92898	4.92898	0.0263038	3.98085	3.98085	3.8966	16.9635	3.86969	1
cg07804076	A1;PCDHGB1;PCDHGA3;PCDHGB2;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.0433496	0.0193092	5.39128	5.39128	0.427072	1.62066	1.62066	0.302942	1.88769	1.88769	0.283366	1.94188	1.94188	0.0360219	4.27206	4.27206	0.295881	1.90673	1.90673	0.00317234	11.0209	11.0209	0.0272302	4.73996	4.73996	0.0766456	3.23019	3.23019	3.57506	20.0734	4.99097	1
cg04246144	A1;PCDHGB1;PCDHGB2;PCDHGA3;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	0.000245607	0.046778	0.430308	-2.32392	0.939659	1.02844	1.02844	0.109094	1.91028	1.91028	0.00100694	6.09829	6.09829	0.766985	1.11636	1.11636	0.796145	0.908555	-1.10065	0.0455066	0.427589	-2.3387	1.36E-05	29.0508	29.0508	0.000670753	6.87232	6.87232	17.3737	37.7571	1.93177	1
cg07242860	A1;PCDHGB2;PCDHGB1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGA2;PCDHGB2;PCDHG	5.81E-06	0.0161706	0.518385	-1.92907	0.0164465	0.519635	-1.92443	0.813465	1.0542	1.0542	4.26E-06	10.7213	10.7213	5.78E-05	5.28727	5.28727	0.942098	0.983909	-1.01635	0.027298	0.558086	-1.79184	1.13E-06	16.8409	16.8409	7.69E-05	4.95097	4.95097	46.6841	36.8711	0.702045	1
cg11499025	A1;PCDHGB2;PCDHGB1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGB2;PCDHGA5;PCDHGA1;PCDHGB1;PCDHGA5;PCDHG	0.000941248	0.0115859	0.386831	-2.58511	0.00400165	0.312282	-3.20223	0.00448815	0.31982	-3.12676	0.00237828	3.57756	3.57756	0.0351971	0.477989	-2.0921	0.193587	0.661053	-1.51274	0.111751	0.593828	-1.68399	0.00307215	3.38578	3.38578	0.0190654	2.34865	2.34865	11.9701	17.1646	1.27463	1
cg07870307	HGA3	0.0210087	0.0152389	18.7034	18.7034	0.00249474	62.1326	62.1326	0.0775687	6.87542	6.87542	0.106237	5.66141	5.66141	0.102044	5.80485	5.80485	0.190343	3.90767	3.90767	0.58866	0.584755	-1.71012	0.011464	22.3922	22.3922	0.0249356	13.7696	13.7696	4.62637	70.7653	13.5965	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17451176	PCDHGA4;PCDHGA12;PCDHGB2;PCDHGA5;PCDHGA1;PCDHGB1;PCDHGA6;PCDHGA3	0.0374544	0.0184336	11.1915	11.1915	0.0403017	7.39809	7.39809	0.19176	3.21362	3.21362	0.0633838	5.83341	5.83341	0.110573	4.34415	4.34415	0.946859	0.945248	-1.05792	0.266181	0.375793	-2.66104	0.00865989	16.8949	16.8949	0.0435742	7.10111	7.10111	3.77303	42.6435	10.0464	1
cg19037350	PCDHGB1;PCDHGA3;PCDHGA4;PCDHGA2;PCDHGA8	0.0103608	0.00290276	5.4733	5.4733	0.073981	2.28638	2.28638	0.0488451	2.54517	2.54517	0.0356261	2.76109	2.76109	0.0192511	3.2409	3.2409	0.388115	1.44388	1.44388	0.298157	0.638995	-1.56496	0.00201879	6.10269	6.10269	0.0267726	2.97328	2.97328	5.84391	15.9614	2.42782	1
cg02867763	PCDHGB1;PCDHGA3	0.0387414	0.496378	1.39122	1.39122	0.0804884	2.52655	2.52655	0.439688	1.45757	1.45757	0.885099	0.933206	-1.07157	0.363112	1.56339	1.56339	0.171535	0.498615	-2.00555	0.164921	2.03044	2.03044	0.00258307	7.36564	7.36564	0.0203163	3.80916	3.80916	3.72667	13.4903	3.21771	1
cg22648135	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2;PCDHGB4;PCDHGB4	0.0283522	0.0436815	4.88118	4.88118	0.0425298	4.93688	4.93688	0.185708	2.60998	2.60998	0.0215262	6.60326	6.60326	0.130674	3.05227	3.05227	0.0850456	3.67605	3.67605	0.701382	0.768428	-1.30136	0.00220023	18.8167	18.8167	0.0377652	5.1925	5.1925	4.16937	30.864	6.58006	1
cg18164784	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGA7;PCDHGB3	0.00733248	0.00276918	20.0056	20.0056	0.0160719	8.48917	8.48917	0.672501	0.734425	-1.36161	0.0086203	11.3775	11.3775	0.389265	1.89746	1.89746	0.00527948	14.4368	14.4368	0.0235032	7.12921	7.12921	0.00254375	20.9086	20.9086	0.0831978	4.0244	4.0244	6.51995	54.4213	7.41945	1
cg11220069	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGA7;PCDHGB3	0.024472	0.0868142	1.63267	1.63267	0.665255	0.893301	-1.11944	0.849092	0.951825	-1.05061	0.228152	0.720462	-1.388	0.0145467	0.458342	-2.18178	0.0133138	0.451639	-2.21416	0.500096	0.837429	-1.19413	0.578036	0.864462	-1.15679	0.00340222	0.35633	-2.80639	4.38967	4.67066	0.945788	1
cg00758915	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.00933684	0.339799	1.70265	1.70265	0.0205294	4.52534	4.52534	0.027986	4.07309	4.07309	0.041473	3.56745	3.56745	0.392027	1.60699	1.60699	0.581558	1.35134	1.35134	0.000392592	21.2311	21.2311	0.00426623	7.91165	7.91165	0.243497	1.93506	1.93506	6.04143	27.9986	4.1195	1
cg07628577	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.019804	0.0120353	4.46508	4.46508	0.00283501	7.12589	7.12589	0.739289	1.17301	1.17301	0.155301	2.06791	2.06791	0.208119	1.88528	1.88528	0.0462831	2.97656	2.97656	0.0067811	5.34629	5.34629	0.0195491	3.85036	3.85036	0.0678561	2.65691	2.65691	4.71306	17.0389	3.21355	1
cg14566959	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.0240958	0.0452082	4.34795	4.34795	0.0132233	7.1311	7.1311	0.130918	2.83857	2.83857	0.146367	2.711	2.711	0.0356256	4.77984	4.77984	0.0581265	3.9348	3.9348	0.0029816	13.5476	13.5476	0.012585	7.27797	7.27797	0.0408845	4.52512	4.52512	4.41331	28.5998	5.76031	1
cg26275431	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.0380117	0.0192745	6.29997	6.29997	0.148352	2.74033	2.74033	0.534195	1.50582	1.50582	0.0494675	4.29551	4.29551	0.0481626	0.230303	-4.34211	0.463572	1.62433	1.62433	0.101263	3.2115	3.2115	0.0102847	8.18792	8.18792	0.866169	1.11591	1.11591	3.75271	25.1269	5.95169	1
cg21915313	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.0398363	0.0140371	10.7919	10.7919	0.0124582	11.4618	11.4618	0.107477	3.96679	3.96679	0.168777	3.1586	3.1586	0.027841	7.68263	7.68263	0.022492	8.53301	8.53301	0.129213	3.61801	3.61801	0.0192279	9.22169	9.22169	0.0785558	4.63015	4.63015	3.6887	35.9434	8.66149	1
cg18926108	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.0408665	0.0347945	4.06153	4.06153	0.0136477	5.68534	5.68534	0.142716	2.4534	2.4534	0.179447	2.25306	2.25306	0.565441	1.39235	1.39235	0.0386177	3.91421	3.91421	0.00536157	8.07659	8.07659	0.0303058	4.26569	4.26569	0.12609	2.56724	2.56724	3.65414	18.7803	4.56842	1
cg06065872	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2	1.39E-05	0.00893261	1.37938	1.37938	0.708525	0.964338	-1.03698	0.0155232	0.750488	-1.33247	0.0889796	0.834109	-1.19888	3.87E-07	0.245304	-4.07657	0.660573	1.04366	1.04366	1.63E-05	0.423765	-2.3598	0.046746	0.802384	-1.24629	0.230978	1.12919	1.12919	37.2302	5.51354	0.131638	1
cg26879386	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2	0.000317698	0.0109021	2.88828	2.88828	0.901591	1.04191	1.04191	0.045339	2.14243	2.14243	0.258375	1.47904	1.47904	0.000423393	0.156718	-6.38087	0.0095612	2.97151	2.97151	8.29E-05	0.0951534	-10.5094	0.0173858	2.61475	2.61475	0.0332738	2.28367	2.28367	16.1939	28.2495	1.55063	1
cg11014124	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2	0.00803824	0.718885	1.32536	1.32536	0.701792	1.34961	1.34961	0.284544	2.37815	2.37815	0.901665	1.10112	1.10112	0.242433	0.385443	-2.59442	0.0889229	4.31522	4.31522	0.000467448	72.7338	72.7338	0.00304815	23.6397	23.6397	0.0241535	8.12661	8.12661	6.33463	60.929	8.54968	1
cg06776159	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA9;PCDHGA7	0.00700612	0.114551	2.04337	2.04337	0.498385	0.751134	-1.33132	0.00491871	0.211975	-4.71753	0.746526	1.14457	1.14457	0.127442	0.503449	-1.9863	0.435342	1.39289	1.39289	0.00107404	7.47322	7.47322	0.0196897	2.69207	2.69207	0.160766	1.86594	1.86594	6.61332	18.1574	2.44052	1
cg09538809	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA9;PCDHGA7	0.0494985	0.200712	1.87617	1.87617	0.00546363	5.4816	5.4816	0.222334	1.81688	1.81688	0.263193	1.72345	1.72345	0.66543	0.816634	-1.22454	0.23423	1.78707	1.78707	0.0273112	3.37327	3.37327	0.0195072	3.72261	3.72261	0.0427214	2.96272	2.96272	3.40113	11.6769	3.05176	1
cg03608712	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGB5;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGB5	0.0462169	0.0213555	5.6113	5.6113	0.0613826	3.72204	3.72204	0.744964	1.22573	1.22573	0.0191891	5.85279	5.85279	0.630822	0.739384	-1.35248	0.201656	2.31818	2.31818	0.776109	1.19459	1.19459	0.00478587	10.3295	10.3295	0.40969	1.69176	1.69176	3.49041	21.4955	5.47416	1
cg07231479	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGA3;PCDHGA	0.00449165	0.00857973	4.66262	4.66262	0.00329154	6.28953	6.28953	0.26629	1.70216	1.70216	0.155146	2.01096	2.01096	0.00491093	5.53693	5.53693	0.155097	2.01115	2.01115	0.000334217	14.2591	14.2591	0.0091326	4.57551	4.57551	0.0325326	3.15522	3.15522	7.582	25.3225	2.96873	1
cg03400785	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHGA3;PCDHGA	0.00501516	0.0333315	2.62557	2.62557	0.00636743	3.96775	3.96775	0.454372	1.34417	1.34417	0.191966	1.70929	1.70929	0.00276875	4.96191	4.96191	0.0074913	3.80404	3.80404	0.000406227	8.85499	8.85499	0.0179182	3.05447	3.05447	0.0686368	2.20568	2.20568	7.33181	17.4919	2.12067	1
cg21580428	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHGA3;PCDHGA	0.0200396	0.00441047	10.2175	10.2175	0.00588204	9.06175	9.06175	0.0379593	4.35531	4.35531	0.651054	1.32106	1.32106	0.0821657	3.24664	3.24664	0.184097	2.36698	2.36698	0.0520258	3.86386	3.86386	0.00489693	9.77864	9.77864	0.1122	2.87939	2.87939	4.7014	27.8431	5.26427	1
cg21548955	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHGA3;PCDHGA	0.0380961	0.0388568	4.34686	4.34686	0.00300692	12.1777	12.1777	0.186538	2.36396	2.36396	0.48156	1.55197	1.55197	0.0731937	3.41306	3.41306	0.244159	2.11412	2.11412	0.0164777	6.05182	6.05182	0.0211715	5.48915	5.48915	0.232926	2.15651	2.15651	3.74967	22.418	5.31436	1
cg24656271	PCDHGA4;PCDHGA6;PCDHGA8;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHGA3;PCDHGA	0.0406782	0.0568878	4.74384	4.74384	0.0209989	7.43339	7.43339	0.0619391	4.56603	4.56603	0.269419	2.29542	2.29542	0.741462	1.27022	1.27022	0.588956	1.4831	1.4831	0.00395632	16.4467	16.4467	0.0178092	8.01491	8.01491	0.0973313	3.72272	3.72272	3.66037	30.2588	7.34809	1
cg01169021	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHGA3;PCDHGA	0.0452318	0.0229446	8.06232	8.06232	0.262384	2.45095	2.45095	0.0564444	5.24273	5.24273	0.877294	1.12584	1.12584	0.126468	3.55448	3.55448	0.178762	2.99165	2.99165	0.00449885	18.2678	18.2678	0.0209392	8.42664	8.42664	0.0632516	4.96564	4.96564	3.51875	32.7966	8.28491	1
cg01311360	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA10;PCDHGA	0.00982295	0.0278834	3.1944	3.1944	0.0118882	4.06863	4.06863	0.443403	0.705205	-1.41803	0.425693	1.43845	1.43845	0.0314186	0.323655	-3.08971	0.0525045	2.67887	2.67887	0.21611	0.558887	-1.78927	0.00249732	6.53802	6.53802	0.171596	1.91649	1.91649	5.94446	18.8071	2.81226	1
cg26826004	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA10;PCDHGA	0.010791	0.973246	0.990579	-1.00951	0.0159427	2.30031	2.30031	0.558094	0.846043	-1.18197	0.828311	1.06322	1.06322	0.0473046	0.52698	-1.8976	0.624524	1.1494	1.1494	0.100594	0.601888	-1.66144	0.000758363	4.22433	4.22433	0.215248	1.44513	1.44513	5.76803	7.27839	1.12165	1
cg00048743	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA9;PCDHGA2	0.0193434	0.305616	0.541848	-1.84554	0.708045	1.24273	1.24273	0.115103	2.69037	2.69037	0.703473	0.801784	-1.24722	0.00514643	0.118312	-8.45223	0.643723	0.764113	-1.30871	0.615066	0.746103	-1.3403	0.00292119	10.6121	10.6121	0.314783	1.823	1.823	4.75814	25.1467	4.69777	1
cg08292467	PCDHGA4;PCDHGA6;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA9;PCDHGA2	0.036698	0.155694	2.52832	2.52832	0.295354	1.93992	1.93992	0.0180781	5.77361	5.77361	0.899653	0.925859	-1.08008	0.266135	0.492863	-2.02896	0.181057	2.38001	2.38001	0.0266298	4.97432	4.97432	0.00734785	8.24706	8.24706	0.033905	4.53671	4.53671	3.8012	22.4471	5.24914	1
cg18617005	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB6;PCDHGB4;PCDHGA3;PCDHGA2	0.00871211	0.919647	1.10022	1.10022	0.00730288	26.4309	26.4309	0.886984	1.14409	1.14409	0.0156578	16.5191	16.5191	0.879854	1.15393	1.15393	0.844081	0.829948	-1.20489	0.00102264	100.352	100.352	0.00750457	25.9816	25.9816	0.0183233	15.027	15.027	6.17568	87.638	12.6141	1
cg18507379	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB6;PCDHGB4;PCDHGA3;PCDHGA2	0.0408685	0.296752	4.52839	4.52839	0.0594396	19.5008	19.5008	0.798974	1.42802	1.42802	0.0383162	28.5378	28.5378	0.941187	1.10851	1.10851	0.406439	3.27301	3.27301	0.00414563	213.976	213.976	0.0165477	59.5741	59.5741	0.0283706	37.0668	37.0668	3.65407	112.803	27.4404	1
cg27665767	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.00211371	0.00160912	3.54653	3.54653	0.0102974	2.47159	2.47159	0.889338	1.03973	1.03973	0.465034	1.23134	1.23134	0.00274432	3.1799	3.1799	0.0889777	1.69048	1.69048	0.0613357	1.80402	1.80402	0.000273413	5.30599	5.30599	0.0737696	0.572442	-1.7469	9.48762	11.7705	1.10277	1
cg23211470	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.00617274	0.00459601	3.07989	3.07989	0.0026944	3.44347	3.44347	0.0602159	1.88147	1.88147	0.0600908	1.8822	1.8822	0.970335	0.988972	-1.01115	0.0198044	2.31405	2.31405	0.00191152	3.70896	3.70896	0.0034687	3.26457	3.26457	0.685972	1.12886	1.12886	6.87857	9.68729	1.25185	1
cg15030197	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.0111776	0.000876005	5.93535	5.93535	0.352821	1.40666	1.40666	0.289261	1.48081	1.48081	0.424714	1.3377	1.3377	0.0558203	2.16686	2.16686	0.8273	0.924984	-1.0811	0.687707	1.15513	1.15513	0.00127264	5.35229	5.35229	0.0484446	2.236	2.236	5.703	11.5048	1.79318	1
cg04160343	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.0189977	0.0577835	2.69341	2.69341	0.63261	1.24914	1.24914	0.427363	1.45396	1.45396	0.108587	2.24428	2.24428	0.00105566	0.106741	-9.36845	0.0679675	2.57068	2.57068	0.83345	1.10214	1.10214	0.372958	1.52569	1.52569	0.940749	0.966249	-1.03493	4.78725	16.1742	3.00319	1
cg19527617	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.0382672	0.0137314	5.5134	5.5134	0.00978882	6.23413	6.23413	0.263201	1.92238	1.92238	0.0814349	2.95108	2.95108	0.0461813	3.59654	3.59654	0.569217	0.724455	-1.38035	0.156667	2.33697	2.33697	0.0161443	5.20255	5.20255	0.067436	3.15233	3.15233	3.74352	18.6137	4.41978	1
cg16505764	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.040125	0.0225603	3.95841	3.95841	0.00504822	6.47409	6.47409	0.952052	1.03075	1.03075	0.124502	2.31122	2.31122	0.416347	1.51958	1.51958	0.0365823	3.39945	3.39945	0.994598	1.00342	1.00342	0.0193483	4.15643	4.15643	0.0675505	2.80565	2.80565	3.67891	14.7836	3.57199	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03892308	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGA11;PCDHGB1;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGB7;PCDHGA6;PCDHG	0.00997404	0.00512424	3.43349	3.43349	0.127782	1.732	1.732	0.0996031	1.82592	1.82592	0.0245137	2.4443	2.4443	0.0163103	2.66359	2.66359	0.00508978	3.43876	3.43876	0.0011385	4.93555	4.93555	0.121224	1.75157	1.75157	0.0374778	2.23744	2.23744	5.91553	10.4259	1.56664	1
cg18118262	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGB7;PCDHGA6;PCDHG	0.0432936	0.0164637	6.99556	6.99556	0.137352	2.89243	2.89243	0.0747432	3.73407	3.73407	0.475913	1.61794	1.61794	0.0250824	5.86345	5.86345	0.00675961	10.2813	10.2813	0.1073	3.21143	3.21143	0.0205631	6.37069	6.37069	0.1364	2.90104	2.90104	3.57678	24.9563	6.20205	1
cg10679597	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGA11;PCDHGA11;PCDHGB3;PCDHGA11;PCD	0.0149657	0.0272509	4.42687	4.42687	0.00889566	6.65487	6.65487	0.313229	1.81103	1.81103	0.119289	2.61829	2.61829	0.354195	1.72067	1.72067	0.0160703	5.35207	5.35207	0.00268526	10.6152	10.6152	0.0055749	7.9475	7.9475	0.0265432	4.46858	4.46858	5.18462	26.6197	4.56387	1
cg21928406	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA	0.00260563	0.00825294	3.46503	3.46503	0.0143054	3.03783	3.03783	0.102655	1.92884	1.92884	0.128548	1.82995	1.82995	0.00173506	5.17212	5.17212	0.00345166	4.30933	4.30933	0.000187972	10.1529	10.1529	0.00746272	3.55108	3.55108	0.049402	2.28174	2.28174	8.92259	19.1226	1.90504	1
cg06572465	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA	0.0109378	0.00748782	21.0762	21.0762	0.00803516	20.2213	20.2213	0.0144072	14.4453	14.4453	0.0195412	12.1655	12.1655	0.949616	1.05754	1.05754	0.26406	2.80313	2.80313	0.0630706	6.36716	6.36716	0.00258977	40.3023	40.3023	0.0100181	17.7858	17.7858	5.74299	71.3024	11.036	1
cg07179872	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA	0.0158452	0.118575	1.56049	1.56049	0.33995	1.29473	1.29473	0.0846046	1.65033	1.65033	0.00343949	2.83944	2.83944	0.341931	1.29328	1.29328	0.336187	1.29751	1.29751	0.00840519	2.4208	2.4208	0.00117986	3.48933	3.48933	0.276628	1.34608	1.34608	5.08741	5.55794	0.971101	1
cg08395122	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA	0.0186369	0.0186949	3.31907	3.31907	0.00787893	4.19937	4.19937	0.0887461	2.20405	2.20405	0.129434	1.99297	1.99297	0.00684519	4.36806	4.36806	0.00670867	4.3929	4.3929	0.376474	1.46526	1.46526	0.0157724	3.47356	3.47356	0.0315044	2.89129	2.89129	4.81836	13.5214	2.49442	1
cg13718539	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA	0.0337392	0.0216493	7.37722	7.37722	0.00827149	11.5574	11.5574	0.226352	2.51097	2.51097	0.702967	1.32005	1.32005	0.66597	1.36994	1.36994	0.0306593	6.29847	6.29847	0.205124	0.379496	-2.63508	0.0167638	8.2959	8.2959	0.101963	3.65962	3.65962	3.9187	32.5998	7.39471	1
cg07524997	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDHGA6;PCDHGA10;PCDHGA	0.000373378	0.000136992	6.0212	6.0212	0.146205	1.52886	1.52886	0.00263145	0.322034	-3.10526	0.00464133	2.78658	2.78658	0.0623567	0.564994	-1.76993	0.00131385	3.57016	3.57016	0.0256178	2.0578	2.0578	0.000749864	4.0217	4.0217	0.142893	1.53503	1.53503	15.4913	18.1725	1.04273	1
cg22692868	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDHGA6;PCDHGA10;PCDHGA	0.00130625	0.606085	0.871848	-1.14699	0.302585	0.754615	-1.32518	0.367046	1.27673	1.27673	0.450817	1.22453	1.22453	0.00689533	0.397675	-2.51462	0.0156967	2.183	2.183	0.00851273	2.42361	2.42361	0.119564	1.56096	1.56096	0.000119764	0.169811	-5.88891	10.9041	12.0036	0.978523	1
cg22463553	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA5;PCDHGB4	5.74E-05	1.48E-05	4.02922	4.02922	0.443935	1.1128	1.1128	0.510581	1.09562	1.09562	0.000153607	2.6398	2.6398	0.0630277	1.33756	1.33756	3.25E-05	3.44243	3.44243	0.0130082	1.54591	1.54591	1.58E-05	3.97188	3.97188	0.00017213	2.59414	2.59414	34.2133	9.88914	0.224812	1
cg03415916	PCDHGA4;PCDHGA9;PCDHGB1;PCDHGB6;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA5;PCDHGB4	0.00024462	0.0304404	0.452226	-2.21129	0.00933328	2.79739	2.79739	0.124634	1.67979	1.67979	0.051575	0.500934	-1.99627	1.62E-05	0.0625923	-15.9764	0.0823906	1.8226	1.8226	0.00122207	4.37567	4.37567	0.157087	1.60334	1.60334	0.807212	1.07926	1.07926	17.3927	26.8107	1.37021	1
cg19247475	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA5;PCDHGB4	0.00390366	0.00716363	5.02968	5.02968	0.00200261	7.60686	7.60686	0.0251609	3.45162	3.45162	0.159042	2.01425	2.01425	0.00409454	6.00183	6.00183	0.0164865	3.90824	3.90824	0.000823106	10.4277	10.4277	0.0034309	6.35615	6.35615	0.0366581	3.09421	3.09421	7.91037	27.1162	3.04705	1
cg06757405	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA5;PCDHGB4	0.00408653	0.000594372	2.66212	2.66212	0.0977785	1.39859	1.39859	0.0700659	1.45357	1.45357	0.0555515	1.49285	1.49285	0.0205347	1.67426	1.67426	0.0331108	1.58419	1.58419	0.00329826	2.09438	2.09438	0.00122323	2.39558	2.39558	0.00533461	1.96964	1.96964	7.80197	4.21424	0.480134	1
cg08854987	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA5;PCDHGB4	0.00488471	0.00775147	3.96962	3.96962	0.0374933	2.64629	2.64629	0.155453	1.8456	1.8456	0.170487	1.80123	1.80123	0.00560212	4.33353	4.33353	0.00621437	4.21295	4.21295	0.000244105	11.5253	11.5253	0.0222958	3.01668	3.01668	0.0711002	2.25423	2.25423	7.39101	19.0254	2.28811	1
cg23034757	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA5;PCDHGB4	0.00646636	0.0262045	6.91119	6.91119	0.0751989	4.27232	4.27232	0.153913	3.06148	3.06148	0.0172972	8.37435	8.37435	0.00770019	12.3027	12.3027	0.200242	2.69594	2.69594	0.000508049	53.5723	53.5723	0.00345334	18.3648	18.3648	0.0124007	9.79017	9.79017	6.78028	57.693	7.56351	1
cg27630202	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA	0.00854975	0.0132675	3.10596	3.10596	0.008626	3.44452	3.44452	0.458596	1.32141	1.32141	0.564255	1.24016	1.24016	0.0461811	2.32472	2.32472	0.0419964	2.37592	2.37592	0.000307176	8.70708	8.70708	0.039727	2.4064	2.4064	0.184022	1.68275	1.68275	6.21255	13.4182	1.91988	1
cg03456338	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA	0.0226967	0.0733758	2.33436	2.33436	0.0622787	0.410202	-2.43782	0.84062	0.918056	-1.08926	0.563761	1.28121	1.28121	0.034134	2.85699	2.85699	0.189758	0.554467	-1.80353	0.00260125	5.87884	5.87884	0.155558	1.90644	1.90644	0.227446	1.71258	1.71258	4.50541	12.8651	2.53821	1
cg15874877	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA	0.0239234	0.0264816	4.85888	4.85888	0.167221	2.42232	2.42232	0.224321	2.1533	2.1533	0.260245	2.02511	2.02511	0.011987	6.57596	6.57596	0.682629	1.28022	1.28022	0.00157923	15.2777	15.2777	0.0184266	5.57374	5.57374	0.077722	3.24811	3.24811	4.42429	25.3002	5.08308	1
cg13951490	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA	0.02855	0.0264232	3.9048	3.9048	0.0135113	4.86555	4.86555	0.465735	1.4684	1.4684	0.464879	1.46952	1.46952	0.030505	3.72747	3.72747	0.0668328	2.89607	2.89607	0.00260101	8.6623	8.6623	0.0342432	3.59102	3.59102	0.235148	1.90398	1.90398	4.15915	17.6423	3.77049	1
cg04503600	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA10;PCDHGA	0.000126473	0.0327303	2.02213	2.02213	9.20E-05	7.15777	7.15777	0.000930164	4.02716	4.02716	0.0594823	1.82124	1.82124	0.0025432	3.25534	3.25534	0.000121165	6.63432	6.63432	1.56E-05	12.3971	12.3971	0.000516124	4.60452	4.60452	0.00108855	3.89049	3.89049	20.7897	26.1535	1.11822	1
cg18297751	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA10;PCDHGA	0.00111472	0.00045562	3.07766	3.07766	0.00557405	2.0983	2.0983	0.183934	1.33235	1.33235	0.0922056	1.45835	1.45835	0.00192302	2.44463	2.44463	0.0040547	2.19353	2.19353	8.10E-05	4.25226	4.25226	0.0189685	1.78301	1.78301	0.0800869	1.48481	1.48481	11.409	7.48783	0.583384	1
cg08938584	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA10;PCDHGA	0.0022075	0.0005204	8.89767	8.89767	0.087076	2.14509	2.14509	0.42596	1.3887	1.3887	0.00291364	5.2192	5.2192	0.0255471	2.92045	2.92045	0.0726049	2.24588	2.24588	0.0030949	5.12973	5.12973	0.000430433	9.48756	9.48756	0.00621702	4.22412	4.22412	9.36796	24.207	2.29691	1
cg17011276	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA10;PCDHGA	0.00259429	0.0184259	5.50674	5.50674	0.0328822	4.4326	4.4326	0.460791	1.5652	1.5652	0.00378938	10.282	10.282	0.0145804	6.01776	6.01776	0.0348727	4.33684	4.33684	0.000687372	22.0392	22.0392	0.000585781	23.8186	23.8186	0.00218209	12.9982	12.9982	8.93407	50.3716	5.01168	1
cg08935238	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA10;PCDHGA	0.0110192	0.589252	1.20307	1.20307	0.0262524	2.44512	2.44512	0.0378883	2.2625	2.2625	0.136259	1.72366	1.72366	0.290988	1.45012	1.45012	0.0109795	2.9516	2.9516	0.00123836	4.95906	4.95906	0.00195793	4.41409	4.41409	0.17543	1.63016	1.63016	5.7293	10.4374	1.61935	1
cg02331883	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA10;PCDHGA	0.0126414	0.0371707	3.55321	3.55321	0.262118	1.84559	1.84559	0.0167764	4.61658	4.61658	0.141993	2.28729	2.28729	0.00667179	6.32518	6.32518	0.481801	1.45453	1.45453	0.00110289	12.4395	12.4395	0.00830733	5.86008	5.86008	0.0607718	3.02771	3.02771	5.47993	23.8366	3.86648	1
cg10435816	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA1	0.0112514	0.0328765	8.09332	8.09332	0.405714	2.03957	2.03957	0.652559	0.684056	-1.46187	0.0520065	6.37389	6.37389	0.752472	0.767134	-1.30355	0.0116804	14.0167	14.0167	0.0287239	8.68537	8.68537	0.00135511	49.3149	49.3149	0.00677964	18.9159	18.9159	5.69089	63.2734	9.88299	1
cg13933262	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA1	0.0122434	0.0391313	9.68549	9.68549	0.504197	1.90531	1.90531	0.0613601	7.42507	7.42507	0.0366712	10.0647	10.0647	0.246113	0.315466	-3.16991	0.383988	2.33739	2.33739	0.0222783	13.5372	13.5372	0.00158686	74.5982	74.5982	0.00492645	34.5606	34.5606	5.53728	79.336	12.7357	1
cg14011639	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA1	0.0328289	0.0476803	5.00036	5.00036	0.478504	1.6688	1.6688	0.835917	1.15882	1.15882	0.0709013	4.19626	4.19626	0.416299	0.554068	-1.80483	0.246475	2.36646	2.36646	0.578688	1.48986	1.48986	0.00187165	22.9919	22.9919	0.0167843	7.95897	7.95897	3.95744	31.6613	7.11151	1
cg23563234	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB7;PCDHGA6;PCDHGA8;PCDHGA1;PCDHGA4;PCDHGB3;PCDHGA11;PCDHG	0.0113499	0.0411193	3.95729	3.95729	0.506545	1.482	1.482	0.753889	0.832279	-1.20152	0.0349831	4.19639	4.19639	0.346577	1.76085	1.76085	0.00524674	8.57778	8.57778	0.00557751	8.37246	8.37246	0.00272519	11.1976	11.1976	0.010966	6.44515	6.44515	5.6749	30.6251	4.79696	1
cg13972793	A5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2;PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2	4.22E-06	3.82E-05	2.59238	2.59238	4.86E-06	3.52207	3.52207	0.00545194	1.55402	1.55402	0.834419	1.02556	1.02556	1.18E-05	3.05862	3.05862	2.15E-05	2.80281	2.80281	6.42E-07	5.16174	5.16174	5.50E-05	2.47329	2.47329	0.320273	0.883516	-1.13184	50.6903	11.6748	0.204725	1
cg11086421	;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2;PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2	0.00116127	0.000664093	6.47947	6.47947	0.0110188	3.01773	3.01773	0.0936226	1.86808	1.86808	0.158144	1.66376	1.66376	0.00184469	0.209181	-4.78054	0.116964	0.562113	-1.779	0.018141	2.68666	2.68666	0.000675242	6.44556	6.44556	0.0459585	2.18239	2.18239	13.6707	23.6345	1.34466	1
cg17227466	;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2;PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2	0.00258626	0.0210334	2.58301	2.58301	0.378006	1.36241	1.36241	0.0952449	0.534343	-1.87146	0.0298104	2.39683	2.39683	0.00183041	0.220078	-4.54384	0.205221	0.633198	-1.57928	0.169786	1.6487	1.6487	0.000681448	5.89831	5.89831	0.239013	1.5244	1.5244	8.94224	16.5552	1.64564	1
cg24922090	;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2;PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2	0.00315885	0.00337297	3.39023	3.39023	0.0309489	2.17215	2.17215	0.134328	1.63945	1.63945	0.0771906	1.82511	1.82511	0.106757	1.71468	1.71468	0.0252721	2.2581	2.2581	8.27E-05	8.7672	8.7672	0.0101552	2.69862	2.69862	0.0424428	2.04529	2.04529	8.42788	12.5149	1.31995	1
cg25126698	;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2;PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2	0.00377598	0.0110925	3.942	3.942	0.00875075	4.21415	4.21415	0.1039	2.15092	2.15092	0.157407	1.91785	1.91785	0.0149796	3.62668	3.62668	0.0163215	3.54213	3.54213	0.000129401	17.5435	17.5435	0.00961404	4.10355	4.10355	0.0679328	2.4124	2.4124	7.98988	23.4759	2.61174	1
cg22087053	;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2	0.00626569	0.00274129	3.86357	3.86357	0.0164418	2.60764	2.60764	0.209117	1.54162	1.54162	0.146222	1.66519	1.66519	0.00713065	3.1148	3.1148	0.00600321	3.23451	3.23451	0.000793636	5.24358	5.24358	0.0277493	2.34087	2.34087	0.0465191	2.1072	2.1072	6.84684	11.5904	1.50472	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(1 04T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(1 05T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(1 11T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(1 12T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(1 21T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(3 47T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(3 53T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02563137	PCDHGA4;PCDHGB5;PCDHGA5;PCDHGA1;PCDHGA8;PCDHGA3;PCDHGA2	4.20E-06	0.00303594	0.456998	-2.18819	0.000331379	0.327211	-3.05613	0.00111384	2.52428	2.52428	0.0355162	1.60304	1.60304	8.49E-05	0.256201	-3.90319	0.00149206	0.413534	-2.41818	1.45E-06	10.6019	10.6019	2.54E-05	5.00928	5.00928	0.00105758	2.54387	2.54387	50.7636	29.8866	0.523325	1
cg00118365	PCDHGA4;PCDHGB5;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB5;PCDHGB4;PCDHGA3;PCDHGA2	0.000403707	0.00373382	2.68432	2.68432	5.22E-05	6.73373	6.73373	0.913655	1.02773	1.02773	0.75596	1.08178	1.08178	0.507311	1.18485	1.18485	0.473263	0.832	-1.20192	5.21E-05	6.7359	6.7359	0.0031638	2.76417	2.76417	0.0570553	1.72098	1.72098	15.1616	15.2667	0.895052	1
cg11655243	PCDHGA4;PCDHGB5;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB5;PCDHGB4;PCDHGA3;PCDHGA2	0.00403688	0.0578127	2.94935	2.94935	0.0112825	4.95471	4.95471	0.0057911	6.18937	6.18937	0.225632	1.88965	1.88965	0.00264006	8.15209	8.15209	0.838639	1.10829	1.10829	0.00885462	5.3663	5.3663	0.00317529	18.9258	18.9258	0.0400403	3.30892	3.30892	7.83079	31.5363	3.57975	1
cg24172509	PCDHGA4;PCDHGB5;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB5;PCDHGB4;PCDHGA3;PCDHGA2	0.0117845	0.0681528	4.94099	4.94099	0.0026805	25.7565	25.7565	0.0444683	6.08056	6.08056	0.228531	2.68714	2.68714	0.188801	2.9712	2.9712	0.995174	0.99528	-1.00474	0.00176236	32.6202	32.6202	0.0082208	14.0739	14.0739	0.0244927	8.13325	8.13325	5.60634	54.3193	8.61235	1
cg22052948	PCDHGA4;PCDHGB5;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB5;PCDHGB4;PCDHGA3;PCDHGA2	0.0229408	0.0217892	9.05218	9.05218	0.0918492	4.41482	4.41482	0.071315	5.01124	5.01124	0.456857	1.83361	1.83361	0.204499	0.342552	-2.91926	0.238382	2.68617	2.68617	0.00534642	18.8346	18.8346	0.00883656	14.3972	14.3972	0.0326086	7.39617	7.39617	4.48884	45.5151	9.01299	1
cg00943245	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.00125188	0.918284	0.977617	-1.02289	0.0164917	1.90835	1.90835	0.159175	0.717566	-1.3936	0.893271	1.03005	1.03005	0.502897	0.860731	-1.1618	0.142094	0.705999	-1.41643	4.18E-05	0.178952	-5.58809	0.0286049	1.76767	1.76767	0.0277128	0.563251	-1.77541	11.0375	8.50561	0.684984	1
cg17108383	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.00769699	0.940575	1.02695	1.02695	0.0172488	2.8151	2.8151	0.736885	1.12784	1.12784	0.0636902	2.10375	2.10375	0.213848	1.5951	1.5951	0.834275	1.07761	1.07761	0.000514849	0.144612	-6.91507	0.0818066	1.98975	1.98975	0.256146	0.655161	-1.52634	6.4216	12.9442	1.79176	1
cg16548916	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.0089726	0.0433494	0.33391	-2.99482	0.00835902	0.203781	-4.90722	0.00298713	0.14622	-6.83903	0.938699	0.964344	-1.03697	0.0381776	0.321696	-3.10853	0.136623	0.469086	-2.13181	0.00112798	0.104096	-9.60649	0.743047	1.16799	1.16799	0.0421074	0.331076	-3.02046	6.11829	21.5918	3.13695	1
cg16032518	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.0254029	0.0314546	4.35376	4.35376	0.0770584	3.14597	3.14597	0.285114	1.91032	1.91032	0.207797	2.16913	2.16913	0.00381002	9.72645	9.72645	0.0192752	5.20847	5.20847	0.663431	0.774701	-1.29082	0.00910008	6.90329	6.90329	0.0546685	3.56341	3.56341	4.32772	23.2961	4.78489	1
cg12145907	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGC4;PCDH	0.000461122	0.985171	0.99399	-1.00605	0.0601951	1.9887	1.9887	0.016462	2.58706	2.58706	0.0438389	2.11986	2.11986	0.00043757	6.06194	6.06194	0.383613	1.33608	1.33608	0.167858	0.620826	-1.61076	1.41E-05	18.8138	18.8138	0.442912	0.775909	-1.28881	14.6147	24.3456	1.48074	1
cg11830096	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGC4;PCDH	0.00964175	0.435082	0.641691	-1.55838	0.497282	1.46802	1.46802	0.185453	2.18636	2.18636	0.011621	5.79692	5.79692	0.342732	1.72384	1.72384	0.248022	0.510292	-1.95966	0.00967474	0.161412	-6.19531	0.00162321	12.382	12.382	0.595037	0.741654	-1.34834	5.97989	29.3927	4.36912	1
cg15949044	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGC4;PCDHGB6;PCDH	1.03E-05	0.621313	0.915323	-1.09251	0.138255	1.33175	1.33175	0.136231	1.33407	1.33407	0.15586	1.31297	1.31297	4.24E-05	4.67805	4.67805	0.454121	0.873099	-1.14535	0.0011692	0.406024	-2.46291	2.43E-07	27.6134	27.6134	0.406079	0.859528	-1.16343	56.8471	27.76	0.379811	1
cg15361590	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGC4;PCDHGB6;PCDH	1.06E-05	0.108209	0.740965	-1.34959	0.190427	0.788827	-1.2677	0.0177781	1.63727	1.63727	0.0206515	1.61092	1.61092	1.36E-05	4.74341	4.74341	0.401452	0.863368	-1.15825	0.075285	0.71262	-1.40327	3.11E-07	12.8928	12.8928	0.37858	0.856804	-1.16713	39.916	18.5019	0.412018	1
cg23445461	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGC4;PCDHGB6;PCDH	0.000522726	0.0636955	0.407155	-2.45607	0.402252	1.43917	1.43917	0.10514	2.13774	2.13774	0.284577	1.60508	1.60508	0.00065715	10.7231	10.7231	0.965824	1.0183	1.0183	0.0135629	0.262427	-3.81058	2.30E-05	56.7838	56.7838	0.606281	1.24646	1.24646	17.5385	48.7003	2.15971	1
cg02022733	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGC4;PCDHGB6;PCDH	0.000608719	0.223981	0.686423	-1.45683	0.820192	1.06936	1.06936	0.208689	1.47749	1.47749	0.903973	1.03619	1.03619	0.00201333	3.60896	3.60896	0.552956	0.837958	-1.19338	0.879083	0.956152	-1.04586	9.80E-06	16.45	16.45	0.9241	1.02846	1.02846	13.5293	18.5883	1.22127	1
cg03640756	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGC4;PCDHGB6;PCDH	0.000838996	0.699096	0.900807	-1.11012	0.7754864	1.70265	1.70265	0.342983	1.3005	1.3005	0.348691	0.771457	-1.29625	0.572939	1.16556	1.16556	0.651194	0.88479	-1.13021	0.655063	1.12855	1.12855	8.24E-06	13.6987	13.6987	0.732643	0.911903	-1.09661	12.3652	14.1653	1.01829	1
cg24619378	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA1;PCDHGB1;PCDHGC5;PCDHGB6;PCDH	0.0317493	0.0500672	3.43393	3.43393	0.131736	2.4557	2.4557	0.893195	1.077	1.077	0.242542	1.96472	1.96472	0.0164742	5.04355	5.04355	0.0325533	3.98076	3.98076	0.399582	0.621156	-1.6099	0.00578649	7.36225	7.36225	0.0261778	4.29165	4.29165	4.00513	19.341	4.29249	1
cg12648074	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGB6;PCDH	6.48E-06	0.00698019	0.554875	-1.80221	0.925685	0.984375	-1.01587	0.485827	0.887328	-1.12698	0.175467	0.784121	-1.27531	0.000604745	2.44134	2.44134	0.0488139	0.684005	-1.46198	0.150909	0.77118	-1.29671	9.29E-08	19.0237	19.0237	0.103234	1.35099	1.35099	45.3875	20.4816	0.40112	1
cg06428620	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGB6;PCDH	0.000649386	0.567253	0.845472	-1.18277	0.775477	1.76741	1.76741	0.0465949	1.93771	1.93771	0.536197	0.833744	-1.19941	0.0269963	2.13863	2.13863	0.711613	1.11381	1.11381	0.294361	0.729274	-1.37123	7.85E-06	17.1658	17.1658	0.352011	1.32051	1.32051	13.2872	17.732	1.18624	1
cg26890354	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGB6;PCDH	0.0187862	0.0538737	0.353175	-2.83146	0.612331	1.27507	1.27507	0.614128	1.27348	1.27348	0.286726	0.590932	-1.69224	0.205217	0.52963	-1.88811	0.172669	0.501508	-1.99399	0.00860666	0.203258	-4.91986	0.00383338	6.38193	6.38193	0.232287	0.551191	-1.81425	4.8054	17.2095	3.18336	1
cg13393851	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGA3	0.00122709	0.0115652	1.78825	1.78825	0.422892	1.16263	1.16263	0.0876443	1.41488	1.41488	0.0011918	2.39759	2.39759	0.554849	0.895879	-1.11622	0.10002	1.3934	1.3934	0.316276	1.21012	1.21012	5.64E-05	3.96352	3.96352	0.00132848	2.36129	2.36129	11.1008	5.9573	0.477027	1
cg05942150	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGA3	0.0076695	0.336926	1.43173	1.43173	0.010085	3.24424	3.24424	0.0203389	2.75605	2.75605	0.141599	1.77346	1.77346	0.665742	1.17064	1.17064	0.048108	2.26795	2.26795	0.00308051	0.230263	-4.34286	0.00821239	3.4068	3.4068	0.183046	1.67325	1.67325	6.42881	13.379	1.84986	1
cg17048610	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGA3	0.0107738	0.00845713	3.85843	3.85843	0.969145	1.01566	1.01566	0.26007	1.60287	1.60287	0.459094	1.35357	1.35357	0.0369907	0.37802	-2.64536	0.0483627	0.404168	-2.47422	0.00201273	5.75509	5.75509	0.18087	1.76928	1.76928	0.167567	1.80538	1.80538	5.771	14.7418	2.27064	1
cg08714996	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGA3	0.0175648	0.618151	0.811808	-1.23182	0.253243	1.64058	1.64058	0.932892	0.965563	-1.03556	0.494582	1.33344	1.33344	0.0740797	2.28377	2.28377	0.512134	0.758944	-1.31762	0.215064	0.581921	-1.71845	0.000555462	9.23209	9.23209	0.185282	0.558331	-1.79105	4.91537	13.3995	2.42315	1
cg16574737	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGA6;PCDHGA1;PCDHGB1;PCDHGA3	0.0325135	0.42944	1.35482	1.35482	0.322174	1.46965	1.46965	0.0320626	2.57398	2.57398	0.0371345	2.48688	2.48688	0.498161	1.2955	1.2955	0.178774	1.71218	1.71218	0.587652	1.2289	1.2289	0.0007984	6.72837	6.72837	0.195402	1.67455	1.67455	3.97116	8.91445	1.99537	1
cg02336143	PCDHGB4;PCDHGA4;PCDHGA5;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB7;PCDHGB2;PCDHGB4	0.00113166	0.0010054	4.12871	4.12871	0.163036	1.54105	1.54105	0.058074	1.86295	1.86295	0.132741	1.60182	1.60182	0.00587893	2.84901	2.84901	0.0112235	2.51622	2.51622	2.82E-05	10.9363	10.9363	0.0165336	2.34071	2.34071	0.189701	1.497	1.497	11.3601	15.1778	1.18761	1
cg26391702	PCDHGB4;PCDHGA4;PCDHGA5;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2;PCDHGB4	0.00453903	0.00168849	2.74016	2.74016	0.263209	1.29955	1.29955	0.716758	1.08529	1.08529	0.132955	1.4393	1.4393	0.432377	1.1972	1.1972	0.342287	1.24582	1.24582	0.000164222	4.23529	4.23529	0.00905584	2.10673	2.10673	0.904329	1.02738	1.02738	7.55789	6.04011	0.710382	1
cg03831054	PCDHGB4;PCDHGA4;PCDHGA5;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2;PCDHGB4	0.0184846	0.00283918	3.10446	3.10446	0.0612329	1.78867	1.78867	0.164293	1.50547	1.50547	0.36963	1.28919	1.28919	0.00722118	2.60065	2.60065	0.0149641	2.2814	2.2814	0.00566756	2.7199	2.7199	0.197787	1.45541	1.45541	0.164094	1.5058	1.5058	4.83171	5.81609	1.06999	1
cg23614852	PCDHGB4;PCDHGA4;PCDHGA5;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2;PCDHGB4	0.0208183	0.00818043	5.48672	5.48672	0.015861	4.42054	4.42054	0.158563	2.13431	2.13431	0.214929	1.9284	1.9284	0.466388	1.45188	1.45188	0.18464	2.02953	2.02953	0.00158609	9.78452	9.78452	0.0152304	4.47853	4.47853	0.324572	1.66821	1.66821	4.64077	18.5989	3.56242	1
cg27553119	PCDHGB4;PCDHGA4;PCDHGA5;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2;PCDHGB4	0.0252379	0.206738	1.42073	1.42073	0.665528	1.72478	1.72478	0.399208	0.79644	-1.25559	0.00953402	2.37709	2.37709	0.0293864	1.96721	1.96721	0.0655366	1.72474	1.72474	0.0658626	1.72334	1.72334	0.00342619	2.85365	2.85365	0.111657	1.57918	1.57918	4.3429	4.78352	0.979073	1
cg00283283	PCDHGB5;PCDHGC3;PCDHGA6;PCDHGB4;PCDHGA8;PCDHGA12;PCDHGB3;PCDHGA5;PCDHGA1;PCDHGA11;PCDHG	0.00014826	0.11023	0.71261	-1.40329	0.0111502	0.538366	-1.85747	0.14444	0.737017	-1.35682	0.00157001	2.42058	2.42058	0.000236998	3.305625	-3.27198	0.615349	0.906096	-1.10364	4.86E-05	0.226019	-4.42441	0.000807087	2.67492	2.67492	0.0925187	0.697433	-1.43383	19.9194	11.9523	0.533363	1
cg05494467	PCDHGB5;PCDHGC3;PCDHGA6;PCDHGB4;PCDHGA8;PCDHGA12;PCDHGB3;PCDHGA5;PCDHGA1;PCDHGA11;PCDHG	0.00283254	0.71825	1.20886	1.20886	0.0179228	4.50893	4.50893	0.00687277	6.24772	6.24772	0.00107584	12.5321	12.5321	0.287881	1.78186	1.78186	0.00150455	10.9613	10.9613	0.910619	0.942906	-1.06055	0.00129622	11.6276	11.6276	0.00418657	7.45237	7.45237	8.70515	37.7863	3.85839	1
cg00104845	PCDHGB5;PCDHGC3;PCDHGA6;PCDHGB4;PCDHGA8;PCDHGA12;PCDHGB3;PCDHGA5;PCDHGA1;PCDHGA11;PCDHG	0.00789245	0.361539	0.475666	-2.10231	0.0204376	9.14497	9.14497	0.0107658	12.6585	12.6585	0.0024492	28.197	28.197	0.310116	2.298	2.298	0.0945648	4.2877	4.2877	0.297074	0.424675	-2.35474	0.00193788	32.2742	32.2742	0.0835347	4.56054	4.56054	6.37121	63.3293	8.83548	1
cg07393857	PCDP1	0.00129988	0.0826921	1.35453	1.35453	0.0271088	0.6616	-1.51149	0.728395	0.946144	-1.05659	0.191689	0.805926	-1.2439	0.000131041	0.350535	-2.85279	0.341276	0.85655	-1.16747	0.121483	0.767131	-1.30356	0.00297291	1.90346	1.90346	0.0220884	1.53637	1.53637	10.9194	4.31189	0.351008	1
cg02629106	PCDP1	0.0298874	0.47074	1.17297	1.17297	0.301198	0.792219	-1.26228	0.612373	1.11751	1.11751	0.0407784	1.67114	1.67114	0.213942	0.752373	-1.32913	0.269109	0.778606	-1.28435	0.00157127	0.37255	-2.6842	0.717431	1.08223	1.08223	0.261861	0.775384	-1.28968	4.09229	3.0642	0.665575	1
cg09803758	PCDP1	0.0337582	0.290482	0.818374	-1.22193	0.189936	0.775963	-1.28872	0.00541111	0.512292	-1.95201	0.950456	0.988711	-1.01142	0.150963	1.32472	1.32472	0.32377	1.20466	1.20466	0.0122626	1.76826	1.76826	0.713735	0.934898	-1.06964	0.863125	1.03203	1.03203	3.9179	2.07139	0.469553	1
cg09907840	PCF11	0.00100854	0.0165553	1.65993	1.65993	0.486474	1.13022	1.13022	0.313774	1.19764	1.19764	0.324441	0.838479	-1.19264	0.00299111	2.02374	2.02374	0.0973601	1.37017	1.37017	6.05E-05	0.277309	-3.60609	0.705071	1.06804	1.06804	0.0701551	1.41974	1.41974	11.7054	5.55599	0.423913	1
cg07047830	PCF11	0.00492081	0.4016636	1.48702	1.48702	0.987682	0.992746	-1.00731	0.63476	1.25317	1.25317	?	?	?	0.615866	0.787766	-1.26941	0.000103531	0.0392311	-25.49	?	?	?	0.706251	0.836477	-1.19549	0.827488	0.902198	-1.1084	7.7322	21.1817	3.13076	1
cg16852767	PCF11	0.0158347	0.0808008	0.642189	-1.55475	0.304402	0.784656	-1.27444	0.821284	1.05294	1.05294	0.0709405	0.631279	-1.58409	0.186586	1.37595	1.37595	0.02998	0.558702	-1.78986	0.00161283	2.79911	2.79911	0.981696	0.994783	-1.00524	0.286295	0.776876	-1.28721	5.08853	4.18956	0.731852	1
cg04740205	PCF11	0.0178191	0.447146	0.774428	-1.29044	0.00309903	3.78803	3.78803	0.000295091	1.83156	1.83156	0.488019	1.26094	1.26094	0.459238	0.78036	-1.28146	0.212609	1.54038	1.54038	0.0873443	0.537319	-1.86109	0.795018	1.08946	1.08946	0.838747	1.06936	1.06936	4.8917	8.3908	1.52472	1
cg09076770	PCF11	0.0494251	0.370135	1.1468	1.1468	0.0534281	1.38613	1.38613	0.00301602	1.83157	1.83157	0.709981	0.945921	-1.05717	0.829324	0.968381	-1.03265	0.65302	1.06967	1.06967	0.136247	0.787471	-1.26989	0.507678	1.1052	1.1052	0.075471	1.34249	1.34249	3.40305	1.19385	0.311837	1
cg16729363	PCF11;PCF11	0.0107083	0.992492	0.999059	-1.00094	0.9309091	1.00871	1.00871	0.437259	0.923752	-1.08254	0.49716	1.07143	1.07143	0.0355564	1.27749	1.27749	0.0743261	0.819537	-1.2202	0.000621849	0.590409	-1.69374	0.341089	0.96048	-1.10317	0.0503045	1.25022	1.25022	5.78232	0.917351	0.14102	1
cg27306986	PCGF1	0.000271471	0.951382	1.00652	1.00652	0.0098952	0.706423	-1.41558	0.000299171	0.533979	-1.87273	0.764717	1.03253	1.03253	2.52E-05	0.409814	-2.44013	0.990914	0.998786	-1.00122	0.0693442	1.24192	1.24192	0.0583961	1.25616	1.25616	0.0114916	1.40097	1.40097	16.9057	3.04479	0.160093	1
cg24060542	PCGF1	0.00152822	0.00152671	0.362777	-2.75631	0.00228977	0.387696	-2.57934	0.168842	0.721947	-1.38514	0.0064561	0.455373	-2.19697	6.25E-05	0.194136	-5.15103	0.0303129	0.567863	-1.76099	0.403064	0.826824	-1.20945	0.411907	0.8299	-1.20496	0.00276637	0.39959	-2.50256	11.0979	8.68064	0.695279	1
cg22475904	PCGF1	0.0223374	0.408335	0.810587	-1.23367	0.113228	1.5342	1.5342	0.0906649	0.62948	-1.58861	0.740582	1.086	1.086	0.259063	1.33961	1.33961	0.233138	1.36401	1.36401	0.0255388	0.517425	-1.93265	0.0576572	0.586835	-1.70406	0.00377659	0.378921	-2.63907	4.5302	4.42382	0.868016	1
cg22440793	PCGF1	0.0462941	0.573804	0.889913	-1.12371	0.979243	0.994675	-1.00535	0.566224	0.887811	-1.12637	0.103035	1.44196	1.44196	0.0149869	0.541305	-1.84739	0.505996	0.870673	-1.14854	0.929602	0.98203	-1.0183	0.0135472	1.8721	1.8721	0.0682026	1.52056	1.52056	1.48823	2.32672	0.592909	1
cg23302321	PCGF2	3.75E-05	0.0104049	0.576535	-1.7285	0.0227947	0.629891	-1.58758	0.265991	0.821513	-1.21727	0.685016	0.932289	-1.07263	4.04E-07	0.0861992	-11.601	0.00614636	0.545332	-1.83374	0.0299549	1.54546	1.54546	0.147816	0.768446	-1.30133	0.00693622	0.552881	-1.80871	28.7137	13.0846	0.40506	1
cg27466042	PCGF2	0.00231727	0.0255151	0.765835	-1.30576	0.00335515	1.49357	1.49357	0.016666	1.34154	1.34154	0.0513582	0.800118	-1.24982	0.180213	0.866709	-1.15379	0.0320284	1.28724	1.28724	0.236586	1.13276	1.13276	0.0254344	0.765682	-1.30603	0.00267232	0.658759	-1.51801	9.23571	1.47798	0.142248	1
cg00089071	PCGF2	0.0120041	0.273293	0.662905	-1.50851	0.0279241	2.55155	2.55155	0.265168	1.53005	1.53005	0.700866	1.14589	1.14589	0.163252	0.584726	-1.7102	0.155282	0.577881	-1.73046	0.000490145	0.139552	-7.16581	0.860852	1.06531	1.06531	0.490686	0.779411	-1.28302	5.57289	11.4771	1.83062	1
cg24110839	PCGF2	0.0135975	0.116969	0.541363	-1.84719	0.237149	1.56249	1.56249	0.0221158	0.629119	-1.58953	0.530562	1.25725	1.25725	0.000754865	0.158698	-6.30126	0.0354602	0.413821	-2.4165	0.0134553	0.332003	-3.01202	0.15846	0.580865	-1.72157	0.116665	0.541039	-1.84083	11.004	1.82798	1
cg18826743	PCGF2	0.0141163	0.135511	0.671409	-1.4894	0.857613	1.04547	1.04547	0.87623	0.962142	-1.03935	0.198016	1.40057	1.40057	0.000267739	0.2274	-4.39754	0.753524	1.08112	1.08112	0.0958093	0.635738	-1.57297	0.944112	0.98279	-1.01751	0.847631	0.953485	-1.04878	5.28549	5.13251	0.863162	1
cg24539380	PCGF2	0.0202427	0.0335004	0.714349	-1.39988	0.1519919	1.23105	1.23105	0.834984	0.97214	-1.02866	0.690789	0.947294	-1.05564	0.00200504	0.554047	-1.8049	0.311704	0.867855	-1.15227	0.0378121	1.38566	1.38566	0.295724	0.863433	-1.15817	0.326627	1.14699	1.14699	4.68531	1.36085	0.258178	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg18896448	PCGF2	0.0310281	0.143696
cg09395368	PCGF2	0.0485312	0.319474
cg17902383	PCGF2;CISD3	0.000383157	0.252383
cg23464319	PCGF3	3.41E-05	0.375616
cg24925839	PCGF3	0.000212789	0.854055
cg24798995	PCGF3	0.00113514	0.736039
cg07759561	PCGF3	0.00123196	0.320351
cg12135598	PCGF3	0.0012411	0.0259461
cg17055721	PCGF3	0.00125753	0.0651
cg19390329	PCGF3	0.00178332	0.980287
cg21660727	PCGF3	0.00247137	0.00167954
cg17886413	PCGF3	0.00261134	0.00339263
cg19453794	PCGF3	0.00304851	0.00366462
cg04128884	PCGF3	0.00415928	0.606675
cg23536107	PCGF3	0.00504023	0.332928
cg05708637	PCGF3	0.00505874	0.72953
cg01017228	PCGF3	0.00588812	0.045063
cg25837207	PCGF3	0.00758957	0.0403983
cg08923624	PCGF3	0.00786736	0.401331
cg00920839	PCGF3	0.00816901	0.153147
cg06275417	PCGF3	0.00895672	0.619343
cg03271827	PCGF3	0.00980789	0.516503
cg13941682	PCGF3	0.0114325	0.300862
cg02809796	PCGF3	0.0118991	0.0744857
cg11725415	PCGF3	0.0139541	0.434353
cg00777679	PCGF3	0.0145244	0.000922008
cg13917589	PCGF3	0.0168187	0.00352733
cg22777513	PCGF3	0.0192565	0.208668
cg15843217	PCGF3	0.0192607	0.285215
cg22213235	PCGF3	0.0199689	0.221614
cg01969796	PCGF3	0.0220509	0.776133
cg20758929	PCGF3	0.0224284	0.951577
cg06843632	PCGF3	0.0225747	0.00714934
cg03993213	PCGF3	0.0251878	0.0814546
cg21850702	PCGF3	0.0255867	0.0189843
cg04058270	PCGF3	0.0328985	0.475672
cg12544647	PCGF3	0.0331101	0.0349847
cg23547048	PCGF3	0.0338833	0.669799
cg05835009	PCGF3	0.036004	0.118091
cg23034496	PCGF3	0.0376289	0.12665
cg20361267	PCGF3	0.0395371	0.165234
cg10902566	PCGF3	0.0397971	0.54123
cg02458396	PCGF3	0.0433465	0.0117328
cg26689643	PCGF3	0.0450759	0.813341
cg04183638	PCGF3	0.0480045	0.798035
cg00252616	PCGF3	0.0488449	0.0233652
cg18746382	PCGF3	0.0497877	0.236306
cg12796272	PCGF3;PCGF3	0.0154287	0.595079
cg16578636	PCGF5	0.00108179	0.000518253
cg07424295	PCGF5	0.00869785	0.0277687
cg22968329	PCGF5	0.0168215	0.530889
cg06001881	PCGF5	0.0190112	0.0301173
cg25390656	PCGF5;PCGF5	0.00900076	0.84012
cg27217148	PCGF6;PCGF6	0.0027072	0.0615486
cg24418712	PCGF6;PCGF6	0.00522288	0.00560311
cg11612727	PCGF6;PCGF6	0.0369825	0.0747237
cg01917164	PCGF6;PCGF6	0.0385068	0.190923
cg00722493	PCID2;PCID2;CUL4A;PCID2;PCID2;PCID2;CUL4A;PCID2	7.04E-05	0.49718
cg04925824	PCID2;PCID2;CUL4A;PCID2;PCID2;PCID2;CUL4A;PCID2	0.000217617	0.987072
cg08655348	PCID2;PCID2;PCID2	0.0053923	0.00857012
cg24952293	PCID2;PCID2;PCID2	0.0123845	0.0238531
cg00908004	PCID2;PCID2;PCID2	0.034783	0.152855
cg11987853	PCID2;PCID2;PCID2	0.0451764	0.286593
cg11607196	PCIF1	0.000146816	4.73E-05
cg00981651	PCIF1	0.000357362	0.195562
cg00125455	PCIF1	0.0006176	0.487651
cg13604649	PCIF1	0.00182339	0.296589
cg24945965	PCIF1	0.00253086	0.000133867
cg25908612	PCIF1	0.00689624	0.504979
cg27529037	PCIF1	0.0131535	0.0187208
cg17262492	PCIF1	0.0146573	0.00215917
cg17986701	PCIF1	0.0178876	0.122013
cg01993411	PCIF1	0.0256521	0.00944132
cg10946423	PCIF1	0.0484611	0.975981
cg13655303	PCK1	3.61E-05	0.000619061
cg10278454	PCK1	0.0310246	0.65566
cg14089728	PCK2;PCK2	0.0190815	0.741894
cg22454119	PCK2;PCK2	0.02554	0.943898
cg15467148	PCK2;PCK2;PCK2;PCK2	0.00533774	0.641428
cg11570286	PCLO	0.0147859	0.0618363
cg18622075	PCLO;PCLO	0.000765866	0.340585
cg00702008	PCLO;PCLO	0.00454657	0.103425
cg00301256	PCLO;PCLO	0.00459537	0.0528488
cg27173469	PCLO;PCLO	0.00888214	0.00483645
cg06640927	PCLO;PCLO	0.0250869	0.0184962
cg13909585	PCLO;PCLO	0.0257997	0.974655
cg19296591	PCLO;PCLO	0.0291207	0.178552
cg06129054	PCLO;PCLO	0.0493176	0.229583
cg24399959	PCLO;PCLO;PCLO;PCLO	0.016951	0.738374
cg13246007	PCM1	0.000191553	0.133641
cg25884094	PCM1	0.00205681	0.941356
cg04467958	PCM1	0.00221424	0.290045
cg08963608	PCM1	0.0104556	0.0172235
cg26692822	PCM1	0.0439898	0.364286
cg00591980	PCMT1	0.000238146	4.65E-05
cg17940234	PCMT1	0.00212991	0.435477
cg00933542	PCMT1	0.00621908	0.111284
cg00964055	PCMT1	0.0173358	0.129833
cg15181151	PCMT1	0.0213518	0.779684
cg08634157	PCMT1	0.0287797	0.653768
cg25335107	PCMTD1	0.000619624	0.45478
cg06290827	PCMTD1	0.0097501	0.00712615
cg00994411	PCMTD1	0.0119885	0.945578
cg26969652	PCMTD1	0.0313409	0.372979
cg27631621	PCMTD1;PCMTD1	0.0068501	0.325134
cg13218906	PCMTD2;PCMTD2	0.00787814	0.937988
cg04630848	PCMTD2;PCMTD2	0.0196027	0.548008
cg21572003	PCMTD2;PCMTD2	0.0237382	0.713536
cg03178322	PCMTD2;PCMTD2	0.0363119	0.456016
cg06744726	PCMTD2;PCMTD2	0.0376545	0.591133
cg10968199	PCMTD2;PCMTD2	0.0395642	0.0748567
cg09563451	PCNA	0.043472	0.07897
cg26596863	PCNA;CDS2	0.0441062	0.135965
cg25045098	PCNA;PCNA	0.04288	0.962952
cg04346530	PCNAP1	4.91E-05	0.000765846
cg01106419	PCNAP1	0.000815844	8.01E-05
cg12817494	PCNAP1	0.00566519	0.000688031
cg08366952	PCNP	0.00546434	0.00256307
cg13223565	PCNT	0.00017941	0.660419
cg03165002	PCNT	0.000208013	0.171516
cg12119133	PCNT	0.000240784	0.578153
cg12168219	PCNT	0.00114845	0.000124928
cg24048650	PCNT	0.00237392	0.00549937
cg02586366	PCNT	0.00258475	0.239846
cg00849853	PCNT	0.00547566	0.181101
cg24517460	PCNT	0.00578431	0.471331
cg04663690	PCNT	0.00609561	0.0127445
cg26735294	PCNT	0.0108887	0.599743
cg26309060	PCNT	0.0125861	0.00156833
cg07158658	PCNT	0.0151338	0.670689
cg00092711	PCNT	0.0181387	0.0876216
cg14328685	PCNT	0.0186004	0.864589
cg13599649	PCNT	0.0191041	0.797831
cg04147621	PCNT	0.0213401	0.252128
cg02959939	PCNT	0.0256394	0.0869484
cg19139193	PCNT	0.029257	0.99458
cg09149851	PCNT	0.0302089	0.00635154
cg10361809	PCNT	0.0374453	0.0263043
ch.21.825836R	PCNT	0.0384084	0.047739
cg00621289	PCNT	0.0413085	0.248049

Probeset ID	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18896448	0.785223	-1.27352	0.0127627	1.60988	1.60988	0.952055	0.990789	-1.0093	0.365222	1.15394	1.15394	0.0156658	0.633857	-1.57764	0.147253	1.27043	1.27043	0.894559	0.979799	-1.02062	0.507382	1.10906	1.10906	0.0248599	1.5083	1.5083	4.03813	1.51484	0.333453	1
cg09395368	0.877301	-1.13986	0.0673467	1.29801	1.29801	0.244678	1.16749	1.16749	0.126623	0.810381	-1.23399	0.162633	0.827238	-1.20884	0.0656504	0.768852	-1.30064	0.0110723	0.666732	-1.49985	0.560019	0.927754	-1.07787	0.0784224	0.779775	-1.28242	3.42667	0.878657	0.227926	1
cg17902383	1.12996	1.12996	0.728847	0.965061	-1.0362	0.228397	0.878804	-1.13791	0.389469	1.09431	1.09431	0.00429566	0.67688	-1.47737	0.00388243	0.672051	-1.48798	0.000840829	0.598538	-1.67074	0.00255746	1.53352	1.53352	0.000170584	1.92141	1.92141	15.3815	2.54414	0.147025	1
cg23464319	0.878217	-1.13867	5.92E-05	0.345986	-2.89029	0.0677245	0.746571	-1.33946	0.0584135	0.736825	-1.35717	3.57E-06	0.211627	-4.72529	6.89E-06	0.240929	-4.1506	0.964208	1.00643	1.00643	0.876368	1.02248	1.02248	0.00153998	0.521689	-1.91685	29.4518	9.51377	0.287136	1
cg24925839	1.04096	1.04096	6.67E-05	0.203293	-4.919	0.0059762	0.456874	-2.18879	0.508537	0.863987	-1.15742	0.00476052	0.441738	-2.26379	0.00597594	0.456871	-2.1888	1.57E-05	0.143122	-6.98705	0.0958362	1.48992	1.48992	0.125904	0.696989	-1.43474	18.0648	13.5947	0.668937	1
cg24798995	1.07971	1.07971	0.000904809	0.324538	-3.0813	0.00552428	0.437515	-2.28563	0.00063268	0.304147	-3.28789	0.000517601	0.292981	-3.41319	0.506607	1.16502	1.16502	0.112344	0.675807	-1.47971	0.37923	1.22689	1.22689	0.00272284	0.391326	-2.55542	11.3502	9.23661	0.723364	1
cg07759561	0.84644	-1.18142	0.157221	1.27839	1.27839	0.0158967	1.61523	1.61523	0.0055837	1.80566	1.80566	0.568183	1.09819	1.09819	0.00909191	1.71284	1.71284	0.432518	1.13889	1.13889	9.55E-05	0.323715	-3.08914	0.454566	1.13165	1.13165	11.0883	4.62946	0.371121	1
cg12135598	1.40867	1.40867	0.0855802	0.781685	-1.27929	0.00815602	0.644756	-1.55098	0.0565676	1.32282	1.32282	0.0234743	1.42019	1.42019	0.000494135	0.493134	-2.02785	0.0081757	1.55066	1.55066	0.0244641	1.41542	1.41542	0.195336	0.837342	-1.19425	11.0649	2.94407	0.236511	1
cg17055721	0.584332	-1.71136	0.24549	1.37044	1.37044	0.154077	0.673117	-1.48563	0.26772	0.741176	-1.34921	0.055824	0.570022	-1.75432	0.00409687	0.368174	-2.71611	1.99E-05	0.106275	-9.40959	0.890646	0.964942	-1.03633	0.260706	0.737622	-1.35571	11.0233	11.7498	0.947471	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11628223	PCNT	0.0431587	?	?	?	0.049124	3.96515	3.96515	0.111186	2.89869	2.89869	0.451367	0.624608	-1.60101	0.0502289	0.254342	-3.93171	0.0389466	0.230851	-4.3318	0.0709969	0.290224	-3.44561	0.127109	0.363513	-2.75093	0.556645	0.694447	-1.43999	3.63607	19.2553	5.29564	1
cg13822122	PCNT	0.0495695	0.0790809	0.614475	-1.62741	0.406821	1.23608	1.23608	0.0827581	0.618855	-1.61589	0.340825	0.782567	-1.27785	0.0116305	0.454859	-2.19848	0.0193748	0.493508	-2.02631	0.139837	1.48705	1.48705	0.732613	0.917909	-1.08943	0.213144	0.720745	-1.38745	3.39928	3.35869	0.878274	1
cg11967727	PCNT;C21orf58	0.000499208	9.93E-05	0.541696	-1.84606	0.000299522	1.68546	1.68546	0.0102425	1.33273	1.33273	0.620299	0.956647	-1.04532	0.706496	0.966985	-1.03414	0.00337965	0.702065	-1.42437	0.928332	1.00802	1.00802	0.865732	1.01513	1.01513	0.79733	0.977421	-1.0231	14.2968	1.78333	0.110877	1
cg12148368	PCNT;C21orf58	0.0230287	0.491711	1.23629	1.23629	0.942102	1.02231	1.02231	0.288889	0.715773	-1.39709	0.0902386	1.76311	1.76311	0.0846304	0.560288	-1.7848	0.0023392	0.275179	-3.634	0.822124	0.933894	-1.07079	0.0250878	2.24646	2.24646	0.624846	1.16147	1.16147	4.48293	6.55008	1.29877	1
cg15467615	PCNT;C21orf58;C21orf58	0.034096	0.0582765	0.785905	-1.27242	0.0185099	1.3793	1.3793	0.279713	1.13487	1.13487	0.375432	1.10784	1.10784	0.0253956	0.741458	-1.34869	0.540875	0.93268	-1.07218	0.0381328	1.31072	1.31072	0.699342	0.957249	-1.04466	0.240339	0.87075	-1.14844	3.90387	0.783671	0.178438	1
cg22819952	PCNX	6.04E-05	0.85934	1.03818	1.03818	1.05E-06	0.0674273	-14.8308	0.000102444	0.233974	-4.27397	0.272298	0.785573	-1.27296	0.248774	0.775206	-1.28998	0.097395	0.681003	-1.46842	0.0667596	1.5436	1.5436	0.0390078	0.603726	-1.65638	0.105559	0.688354	-1.45274	25.321	17.8897	0.628015	1
cg10333802	PCNX	0.00399312	0.231054	0.552515	-1.80991	0.00366523	6.39446	6.39446	0.00799315	4.9795	4.9795	0.427022	1.46666	1.46666	0.0830856	0.404082	-2.47474	0.0838598	2.46796	2.46796	0.0938414	0.41893	-2.38703	0.000781224	11.0166	11.0166	0.463042	1.42298	1.42298	7.85657	27.7491	3.13953	1
cg16041123	PCNX	0.0141273	0.0058094	0.357322	-2.7986	0.905587	0.966766	-1.03438	0.513561	0.828012	-1.20771	0.0156286	0.429851	-2.32639	0.000766899	0.234207	-4.26974	0.186817	0.67126	-1.48974	0.4495	0.802901	-1.24548	0.436829	1.25352	1.25352	0.516812	0.829251	-1.20591	5.28414	6.79091	1.14236	1
cg10776643	PCNX	0.020449	0.312208	1.35807	1.35807	0.0741066	0.558388	-1.79087	0.25987	0.708863	-1.41071	0.589428	1.17294	1.17294	0.247414	1.42484	1.42484	0.102343	1.68774	1.68774	0.00292371	3.3099	3.3099	0.104391	1.68156	1.68156	0.0103972	2.57203	2.57203	4.66917	6.33849	1.20668	1
cg16747567	PCNX	0.0227975	0.20143	0.605269	-1.65216	0.158044	1.75365	1.75365	0.159849	1.74883	1.74883	0.546371	1.25507	1.25507	0.0574772	0.449506	-2.22466	0.632132	1.19663	1.19663	0.0291592	0.384168	-2.60303	0.00352578	4.35948	4.35948	0.490775	0.770674	-1.29757	4.49855	9.86835	1.94993	1
cg14009504	PCNX	0.0239124	0.326691	0.811261	-1.23265	0.00194481	0.404398	-2.47281	0.00636916	0.480239	-2.0823	0.121884	0.707254	-1.41392	0.308321	0.804276	-1.24335	0.732162	1.07354	1.07354	0.282241	1.25963	1.25963	0.070285	0.658393	-1.51885	0.842821	0.95982	-1.04186	4.42499	2.99039	0.600706	1
cg13515998	PCNX	0.0360774	0.0856794	0.594182	-1.68299	0.0424843	0.527168	-1.89693	0.00527673	0.364974	-2.73992	0.0385153	0.518436	-1.92888	0.00523906	0.364487	-2.74358	0.104295	0.614683	-1.62686	0.235888	0.711479	-1.40552	0.209979	0.696239	-1.43629	0.0960816	0.606023	-1.6501	3.82485	4.54952	1.0573	1
cg25057591	PCNX;PCNX	0.0157752	0.047676	0.624545	-1.60117	0.0246199	0.5733	-1.74429	0.979747	1.00529	1.00529	0.447767	0.851442	-1.17448	0.00364316	0.4415	-2.26501	0.0771249	1.50461	1.50461	0.839325	1.0431	1.0431	0.00791987	0.492688	-2.02968	0.0689049	0.654983	-1.52676	5.09489	3.48648	0.608274	1
cg05560333	PCNXL2	4.73E-06	0.0749696	0.821209	-1.21772	0.00804334	0.713732	-1.40109	0.00315557	0.669843	-1.49289	2.31E-07	0.213858	-4.676	3.81E-06	0.342659	-2.91836	4.81E-05	0.467717	-2.13804	0.000699818	0.598429	-1.67104	0.00300755	1.49794	1.49794	0.0272171	0.771352	-1.29643	49.2265	7.69211	0.138897	1
cg26418112	PCNXL2	0.000145887	0.457786	0.913864	-1.09425	0.516912	1.08143	1.08143	0.338019	1.12486	1.12486	0.224793	0.859082	-1.16403	0.873007	0.981124	-1.01924	0.124039	0.820029	-1.21947	1.19E-06	0.223781	-4.46865	0.779978	0.967189	-1.03392	0.824358	1.02683	1.02683	20.0062	4.49662	0.199788	1
cg22789515	PCNXL2	0.000212029	0.139429	0.859985	-1.16281	0.00626862	1.40181	1.40181	0.564951	0.946319	-1.05673	0.0164134	0.757195	-1.32066	3.53E-06	0.355897	-2.8098	0.547057	1.0595	1.0595	0.892517	0.987261	-1.0129	0.0614783	0.818901	-1.22115	0.0597017	0.817486	-1.22326	18.0823	2.5758	0.126621	1
cg22530111	PCNXL2	0.000517197	0.0298863	0.753367	-1.32738	0.0667783	0.79629	-1.25582	0.000636955	0.559129	-1.78849	2.18E-05	0.388422	-2.57452	0.00126074	0.593475	-1.68499	0.314893	0.891201	-1.12208	0.912677	0.987915	-1.01223	0.208328	0.863276	-1.15838	0.00115248	0.588967	-1.69789	14.157	2.7544	0.172943	1
cg17144305	PCNXL2	0.00213208	0.00416456	0.511714	-1.95422	0.878117	0.973581	-1.02714	0.00174316	0.458974	-2.17877	0.00344806	0.500105	-1.99958	0.000323223	0.362522	-2.75845	0.0478249	0.673842	-1.48403	0.00139433	0.445774	-2.24329	0.0709404	0.703286	-1.4219	0.0453281	0.66994	-1.49267	9.46366	4.56217	0.428509	1
cg23246918	PCNXL2	0.00377893	0.0108657	0.753468	-1.3272	0.0657109	1.20057	1.20057	0.00121931	0.657748	-1.52034	0.743663	1.02947	1.02947	0.20083	0.887287	-1.12703	0.496635	1.063	1.063	0.00694228	1.36231	1.36231	0.00848697	0.742758	-1.34633	0.963411	1.00407	1.00407	7.988	0.991154	0.110294	1
cg00980058	PCNXL2	0.00434184	0.00110813	0.251817	-3.97114	0.030973	2.06826	2.06826	0.041675	0.509813	-1.9615	0.045152	0.517145	-1.93369	0.00534801	0.349023	-2.86514	0.50738	0.824509	-1.21284	0.130112	0.625571	-1.59854	0.0279504	2.10667	2.10667	0.143051	0.63662	-1.5708	7.66035	9.98702	1.15887	1
ch.1.4597487F	PCNXL2	0.00439014	0.0308583	0.416691	-2.39986	?	?	?	0.00015552	0.106837	-9.36004	?	?	?	0.0157769	0.360092	-2.77707	0.0483832	0.458945	-2.17891	0.446501	0.764956	-1.30726	0.709094	0.878617	-1.13815	0.581091	0.824939	-1.21221	8.00867	11.7629	1.6786	1
cg16715194	PCNXL2	0.004496	0.048615	2.00052	2.00052	0.127483	1.66086	1.66086	0.0173785	2.43907	2.43907	0.00132182	4.21248	4.21248	0.0254489	2.2649	2.2649	0.577338	0.840881	-1.18923	0.874225	0.952404	-1.04997	0.00616073	0.332888	-3.00401	0.105668	0.580361	-1.72306	7.57977	11.3761	1.33409	1
cg26836273	PCNXL2	0.00518776	0.151977	0.328333	-3.04568	0.0144069	0.112065	-8.92336	0.00870056	0.0883675	-11.3164	0.54659	0.642272	-1.55697	0.00901061	0.0898567	-11.1288	0.123319	0.29779	-3.35807	0.000211253	0.0111669	-89.5505	0.0579629	0.21112	-4.73664	0.0107777	0.0978222	-10.2226	7.25638	60.5203	7.41358	1
cg16371229	PCNXL2	0.00659095	0.014546	0.254787	-3.92485	0.00187908	7.40788	7.40788	0.671755	1.21364	1.21364	0.0937115	0.432852	-2.31026	0.0330651	0.32235	-3.10222	0.560775	1.3063	1.3063	0.305584	0.617596	-1.61918	0.0083953	4.61607	4.61607	0.625582	1.25032	1.25032	6.74024	22.03	2.90528	1
cg20705469	PCNXL2	0.0132509	0.671919	0.936855	-1.0674	0.0867876	0.748548	-1.33592	0.0708058	0.734105	-1.3622	0.711328	1.05857	1.05857	0.748398	0.951919	-1.05051	0.734883	0.949288	-1.05342	0.000520787	2.28983	2.28983	0.77647	0.957351	-1.04455	0.0851636	0.747192	-1.33834	5.39632	2.00373	0.330058	1
cg07220862	PCNXL2	0.0144874	0.554031	0.941989	-1.06158	0.0230016	1.31192	1.31192	0.460367	0.927704	-1.07793	0.485351	0.93166	-1.07335	0.788482	1.02721	1.02721	0.0108449	1.37634	1.37634	0.000885072	1.64445	1.64445	0.62335	0.95178	-1.05066	0.782702	1.02799	1.02799	5.24051	0.827359	0.140336	1
cg16056164	PCNXL2	0.0195838	0.0267171	0.229109	-4.36473	0.0372984	0.2575	-3.88349	0.0797452	0.33573	-2.97858	0.0845713	0.342734	-2.91771	0.000669634	0.0538558	-18.5681	0.0631219	0.309354	-3.23255	0.0389503	0.261424	-3.8252	0.453429	0.651368	-1.53523	0.150007	0.420544	-2.37787	4.73827	23.6432	4.43542	1
cg15720156	PCNXL2	0.0335513	0.537573	1.24406	1.24406	0.00180154	4.72578	4.72578	0.490904	1.27735	1.27735	0.402547	1.34945	1.34945	0.673694	0.862291	-1.1597	0.577181	1.21778	1.21778	0.0197534	0.373491	-2.67744	0.893205	1.04811	1.04811	0.412598	0.745981	-1.34052	3.92659	7.61101	1.72296	1
cg13779567	PCNXL2;PCNXL2	0.00949238	0.0179814	0.65534	-1.52593	0.319115	0.859539	-1.16341	0.890877	0.980023	-1.02038	0.0177265	0.654467	-1.52796	0.127932	0.785101	-1.27372	0.00481392	0.577018	-1.73305	0.104365	1.29821	1.29821	0.024126	1.48487	1.48487	0.109068	1.29289	1.29289	6.00973	2.05692	0.304235	1
cg04791077	PCNXL3	0.000329116	0.234118	0.77985	-1.2823	1.57E-05	0.168794	-5.92439	0.00308847	0.44608	-2.24175	0.979893	1.00504	1.00504	0.000105293	0.255215	-3.91826	0.159335	0.740952	-1.34962	0.381655	1.19587	1.19587	0.163948	0.743711	-1.34461	0.00862616	0.512912	-1.94965	16.0379	10.0946	0.559486	1
cg05805236	PCNXL3	0.000410206	0.440258	0.872795	-1.14574	0.172828	0.778197	-1.28502	0.00657104	0.543251	-1.84077	0.759738	1.05446	1.05446	3.86E-06	0.155549	-6.42885	0.13128	0.754547	-1.3253	0.06408	0.697877	-1.43292	0.985798	1.00308	1.00308	0.371364	0.853282	-1.17195	15.0949	7.14389	0.420679	1
cg07143296	PCNXL3	0.00185956	0.00094725	0.47174	-2.11981	0.313089	0.852947	-1.17241	0.02388	0.663031	-1.50822	0.0771957	0.741173	-1.34921	0.000194896	0.384645	-2.5998	0.0190363	0.64874	-1.54145	0.000550695	0.441406	-2.26549	0.0169566	0.641519	-1.5588	0.118223	0.77215	-1.29509	9.84829	3.62469	0.327158	1
cg24866086	PCNXL3	0.00354667	0.290344	0.866857	-1.15359	0.0234795	1.42243	1.42243	0.926475	0.988054	-1.01209	0.608911	0.935019	-1.0695	0.0258077	0.708473	-1.41149	0.903473	1.01592	1.01592	0.360551	1.13019	1.13019	0.563079	0.926702	-1.0791	9.32E-05	0.403517	-2.47821	8.14146	2.18598	0.238666	1
cg22712403	PCNXL3	0.0107541	0.00995438	0.296962	-3.36743	0.00793765	0.280923	-3.5597	0.0788961	0.48298	-2.07048	0.0857871	0.492518	-2.03038	0.013349	0.31879	-3.13687	0.0476201	0.429575	-2.32788	0.00340264	0.226521	-4.4146	0.00465488	0.245665	-4.07058	0.0142853	0.324007	-3.08635	5.77439	12.7234	1.95859	1
cg12145289	PCNXL3	0.0173152	0.254957	0.771754	-1.29575	0.00603976	0.457582	-2.1854	0.378972	1.21744	1.21744	0.910504	0.975788	-1.02481	0.234067	0.761912	-1.31249	0.00236672	0.396848	-2.51985	0.117668	1.44832	1.44832	0.686527	0.915359	-1.09247	0.0329113	0.580494	-1.72267	4.93901	3.71694	0.668948	1
cg07707380	PCNXL3	0.044361	0.442694	0.902769	-1.1077	0.0831788	0.77828	-1.28488	0.229071	0.847937	-1.17933	0.466993	0.907802	-1.10156	0.00124819	0.539993	-1.85188	0.0353083	0.725901	-1.3776	0.0666992	0.764385	-1.30824	0.419052	0.897715	-1.11394	0.212267	0.84223	-1.18732	3.54443	0.958728	0.240434	1
cg02059970	PCNXL3	0.0475483	0.0771464	0.684435	-1.46106	0.792713	1.05213	1.05213	0.00425841	0.47809	-2.09166	0.184097	1.31239	1.31239	0.362137	0.834667	-1.19808	0.127591	1.37419	1.37419	0.26868	1.24891	1.24891	0.418068	1.17311	1.17311	0.556015	0.89146	-1.12176	3.45328	2.03592	0.524054	1
cg04932205	PCNXL3	0.0477307	0.246352	0.49213	-2.03198	0.400225	1.65469	1.65469	0.998975	0.999249	-1.00075	0.623687	1.33537	1.33537	0.0010365	0.0583469	-17.1389	0.410067	0.610978	-1.63672	0.65829	1.29734	1.29734	0.369022	0.582993	-1.71529	0.277997	0.516975	-1.93433	3.44829	18.6799	4.81525	1
cg20588618	PCNXL3;MAP3K11	0.001653	0.000197612	0.0776286	-12.8818	0.616911	0.827796	-1.20803	0.0140787	0.309341	-3.23268	0.277301	0.6535	-1.53022	0.334612	1.4538	1.4538	0.207965	1.65028	1.65028	?	?	?	0.0325957	2.61079	2.61079	0.00454426	4.40391	4.40391	12.4744	24.0802	1.68908	1
cg14047091	PCOLCE	4.39E-06	0.146353	1.14765	1.14765	0.000242206	1.7095	1.7095	7.29E-05	0.528646	-1.89162	3.75E-05	0.496816	-2.01282	7.84E-06	0.420923	-2.37573	0.0710339	0.836831	-1.19498	1.38E-06	0.336925	-2.96802	0.000527209	0.620628	-1.61127	5.14E-05	0.511923	-1.95342	50.183	6.2008	0.109834	1
cg26100986	PCOLCE	0.000346385	0.0416108	0.566669	-1.7647	0.511589	1.17464	1.17464	0.215509	1.37053	1.37053	0.0103056	2.18491	2.18491	0.364552	0.798295	-1.25267	0.164026	1.43197	1.43197	0.119295	1.5049	1.5049	5.56E-06	11.9387	11.9387	0.0108817	2.16628	2.16628	15.8143	14.642	0.822995	1
cg25680486	PCOLCE	0.000757111	0.0276045	0.467827	-2.13754	0.0170303	2.33602	2.33602	0.180908	1.5133	1.5133	0.380673	1.29985	1.29985	0.113832	0.605497	-1.65154	0.0477888	1.93483	1.93483	0.000777056	4.40628	4.40628	4.47E-05	9.52904	9.52904	0.224204	1.45116	1.45116	12.7278	17.1448	1.19737	1
cg10612492	PCOLCE	0.00348881	0.261217	0.559606	-1.78697	0.0740871	2.68098	2.68098	0.450484	1.46368	1.46368	0.0576919	2.896	2.896	0.195723	0.507671	-1.96978	0.19931	1.95797	1.95797	0.00120238	10.4887	10.4887	0.000216486	21.2806	21.2806	0.4863	1.41975	1.41975	8.18164	31.808	3.45575	1
cg22082800	PCOLCE	0.00424385	0.842473	1.10125	1.10125	0.521616	1.37007	1.37007	0.227984	0.54151	-1.84669	0.09812	2.40959	2.40959	0.599804	0.773654	-1.29257	0.156709	2.08396	2.08396	0.00127102	9.76566	9.76566	0.0002165	19.9178	19.9178	0.106814	2.34774	2.34774	7.71344	28.7042	3.30784	1
cg19685521	PCOLCE	0.0230875	0.0173974	0.393915	-2.53862	0.832536	1.0705	1.0705	0.203804	0.64953	-1.53957	0.131684	0.592424	-1.68798	0.278707	0.696031	-1.43672	0.272784	0.692656	-1.44372	0.00099091	0.20715	-4.82743	0.162548	1.61554	1.61554	0.567938	0.830515	-1.20407	4.47899	7.34253	1.45718	1
cg06330722	PCOLCE	0.0314856	0.00587578	0.582926	-1.71548	0.0843697	0.7514	-1.33085	0.784612	1.04187	1.04187	0.00938513	0.610742	-1.63735	0.824532	0.967303	-1.0338	0.0634812	1.36669	1.36669	0.236307	0.830462	-1.20415	0.933137	0.987517	-1.01264	0.650353	1.0707	1.0707	4.01709	1.42586	0.31551	1
cg09326362	PCOLCE	0.0404295	0.876794	0.983295	-1.01699	0.0379156	1.29868	1.29868	0.315963	1.11916	1.11916	0.0142953	1.38822	1.38822	0.263957	1.13478	1.13478	0.845942	0.9791	-1.02135	0.0101791	0.703375	-1.42172	0.39247	1.09979	1.09979	0.589947	0.942636	-1.06085	3.66867	0.685028	0.165977	1
cg07264154	PCOLCE2	9.63E-06	0.0676122	0.911559	-1.09702	1.85E-05	0.674013	-1.48365	0.000604144	0.787278	-1.2702	0.0500136	0.903866	-1.10636	1.79E-05	0.672843	-1.48623	0.0714031	1.09534	1.09534	2.85E-06	1.65964	1.65964	0.0155854	0.874479	-1.14354	0.291681	0.951723	-1.05073	40.9674	1.32708	0.0287944	1
cg19547370	PCOLCE2	0.00923071	0.00845677	0.336911	-2.96814	0.134667	0.593392	-1.68523	0.006901	0.322519	-3.10059	0.378481	0.746483	-1.33961	0.00564452	0.308721	-3.23917	0.078831	0.531773	-1.8805	0.00116154	0.213614	-4.68133	0.0258075	0.424643	-2.35492	0.0227485	0.413896	-2.41607	6.06343	10.055	1.47405	1
cg04245439	PCOLCE2	0.0142335	0.85631	0.982967	-1.01733	0.0296829	1.27455	1.27455	0.730509	1.03332	1.03332	0.0638253	1.21832	1.21832	0.00893013	1.37064	1.37064	0.575137	1.05514	1.05514	0.0137409	0.749201	-1.33476	0.0463721	1.24145	1.24145	0.0113579	1.3504	1.3504	5.27113	0.75	0.126475	1
cg20899213	PCOLCE2	0.0280592	0.540327	0.900261	-1.11079	0.00457851	0.527381	-1.89616	0.170365	0.780759	-1.2808	0.07901	0.718518	-1.39175	0.0441634	1.47978	1.47978	0.365492	1.1707	1.1707	0.0649834	1.42081	1.42081	0.229935	0.807752	-1.238	0.901738	0.979282	-1.02116	4.18467	1.90402	0.404444	1
cg01197156	PCOLCE;FBXO24;FBXO24;FBXO24	0.0152603	0.172519	0.785839	-1.27253	0.253369	0.820359	-1.21898	0.00331153	0.514788	-1.94255	0.0801753	1.38018	1.38018	0.00923141	0.5778	-1.7307	0.0990474	1.3501	1.3501	0.0455885	0.683502	-1.46305	0.151968	0.7751	-1.29016	0.492052	0.890626	-1.12281	5.15129	2.24797	0.387903	1
cg18178595	PCOLCE;FBXO24;FBXO24;FBXO24	0.0183437	0.195772	0.752865	-1.32826	0.462435	0.856238	-1.1679	0.00894181	0.501582	-1.99369	0.119256	0.704129	-1.42019	0.00145708	0.385207	-2.596	0.313456	1.24149	1.24149	0.357717	1.21683	1.21683	0.0341466	0.598742	-1.67017	0.637082	0.906103	-1.10363	4.84419	3.30294	0.606076	1
cg04522932	PCOLCE;FBXO24;FBXO24;FBXO24	0.0482124	0.239626	0.80155	-1.24758	0.0286384	0.628884	-1.59012	0.0169645	0.592695	-1.68721	0.0903789	0.715178	-1.39825	0.561293	0.899856	-1.11129	0.234188	1.25111	1.25111	0.0500427	1.49395	1.49395	0.192332	0.780438	-1.28133	0.428092	0.864727	-1.15643	3.43523	1.75582	0.45433	1
cg06402330	PCOLCE;PCOLCE	0.00180338	0.00137101	0.353543	-2.82851	0.978329	1.0061	1.0061	0.0073019	0.460898	-2.16968	0.00256595	0.392093	-2.55042	0.0151769	0.512814	-1.95002	0.0301467	0.565018	-1.76985	0.000199002	0.246834	-4.05131	0.380919	1.2229	1.2229	0.677544	0.910622	-1.09815	9.93637	7.88941	0.705772	1
cg26777475	PCOLCE;PCOLCE	0.00775055	0.00766779	0.353325	-2.83026	0.158482	1.58035	1.58035	0.00398555	0.308793	-3.23842	0.00613315	0.337675	-2.96142	0.17563	0.645843	-1.54836	0.342417	0.743075	-1.34576	0.00244333	0.277997	-3.59716	0.613521	1.1672	1.1672	0.312395	0.728153	-1.37334	6.40763	9.35305	1.29749	1
cg02484345	PCOTH;MIPEP;PCOTH	0.00835232	0.0325225	0.533101	-1.87582	0.0629058	1.69211	1.69211	0.0316966	0.530956	-1.88339	0.0849749	1.61413	1.61413	0.164538	0.688818	-1.45176	0.349633	0.785041	-1.27382	0.0022445	0.341154	-2.93123	0.00599988	0.405484	-2.46619	0.257136	0.742829	-1.34621	6.25857	6.26339	0.889574	1
cg15971157	PCOTH;MIPEP;PCOTH	0.0131274	0.00603032	0.268782	-3.72049	0.00327783	0.230477	-4.33883	0.0558835	0.452377	-2.21054	0.315762	0.68395	-1.4621	0.0122613	0.319006	-3.13473	0.168703	0.58444	-1.71104	0.00240301	0.212527	-4.70528	0.0753315	0.484249	-2.06505	0.105928	0.523753	-1.9093	5.41287	11.498	1.88817	1
cg11549848	PCOTH;MIPEP;PCOTH	0.0255408	0.0135182	0.255625	-3.91197	0.0926903	0.437983	-2.28319	0.0113447	0.243038	-4.11459	0.384927	1.48809	1.48809	0.0442958	0.356691	-2.80355	0.023226	0.298009	-3.35561	0.200944	0.54733	-1.82705	0.161179	1.94983	1.94983	0.102331	0.450344	-2.22053	4.32488	13.6383	2.80307	1
cg03060603	PCOTH;MIPEP;PCOTH	0.0325352	0.00358974	0.545921	-1.83177	0.836823	1.03216	1.03216	0.0208035	0.652417	-1.53276	0.382199	0.871488	-1.14746	0.0367446	0.689063	-1.45125	0.012056	0.618464	-1.61691	0.140133	0.783784	-1.27586	0.998705	0.999751	-1.00025	0.172097	0.800042	-1.24993	3.97022	1.48131	0.331648	1
cg14985583	PCOTH;MIPEP;PCOTH;PCOTH	0.00816618	0.0154033	1.61285	1.61285	0.918461	0.983672	-1.0166	0.784571	1.04504	1.04504	0.878053	0.975617	-1.02499	0.568591	0.911521	-1.09707	0.125897	0.766252	-1.30505	0.00266198	0.512723	-1.95037	0.00241015	1.9729	1.9729	0.333522	1.17394	1.17394	6.30321	2.58022	0.363867	1
cg24539295	PCOTH;PCOTH;MIPEP	0.0448415	0.340018	0.83412	-1.19887	0.488322	1.13866	1.13866	0.124571	1.35895	1.35895	0.176215	0.767032	-1.30373	0.00623976	0.518152	-1.92994	0.0527612	0.666242	-1.50096	0.397894	1.17311	1.17311	0.123778	1.35997	1.35997	0.868797	1.03096	1.03096	3.53018	1.90218	0.478963	1
cg02610102	PCP2	5.35E-05	0.00430509	0.441349	-2.26578	0.32668	0.804957	-1.2423	0.000303776	0.284295	-3.51748	0.299681	0.794298	-1.25897	2.52E-06	0.0871954	-11.4685	0.0115946	0.508541	-1.96641	1.33E-05	0.141542	-7.06502	0.0504667	0.620232	-1.6123	0.763779	0.937463	-1.06671	26.1558	19.0181	0.646319	1
cg16677058	PCP2	0.000288174	0.00116668	0.426985	-2.342	0.148497	1.31873	1.31873	0.132695	0.74854	-1.33593	0.146211	0.756944	-1.3211	1.65E-05	0.205511	-4.86592	0.00027182	0.344587	-2.90203	0.0161419	0.591282	-1.69124	0.603128	0.91061	-1.09816	0.00152294	0.442696	-2.25888	16.6321	8.39531	0.44868	1
cg15828235	PCP2	0.0054843	0.0695041	0.557205	-1.79467	0.0031521	0.312778	-3.19715	0.0312535	0.48289	-2.07087	0.644706	0.874807	-1.14311	0.0149617	0.422403	-2.36741	0.00499677	0.342969	-2.91571	0.000633652	0.220439	-4.5364	0.00721868	0.368366	-2.71469	0.085811	0.578751	-1.72786	7.13381	9.37443	1.16807	1
cg25067940	PCP2	0.0255983	0.00402993	0.123274	-8.11203	0.0342087	0.26211	-3.81519	0.856725	0.906709	-1.10289	0.30331	0.561148	-1.78206	0.00308565	0.111393	-8.97725	0.303642	0.561386	-1.78131	0.372399	0.608808	-1.64256	0.112258	0.391795	-2.55236	0.0225148	0.227451	-4.39655	4.32149	20.0983	4.13403	1
cg25421566	PCP4	4.00E-06	1.10E-05	0.423277	-2.36252	5.87E-06	0.392535	-2.54754	0.764781	0.972817	-1.02794	0.000801288	1.59168	1.59168	3.52E-06	0.36756	-2.72065	0.00365132	0.696912	-1.4349	1.83E-05	0.448292	-2.23069	0.000693557	1.60868	1.60868	0.503552	0.939558	-1.06433	51.4009	6.86684	0.11875	1
cg25174409	PCP4	0.000352733	0.068304	0.719066	-1.39069	0.702258	1.06403	1.06403	0.0461958	1.44639	1.44639	0.000172096	2.80448	2.80448	0.10942	1.3258	1.3258	0.27718	1.20035	1.20035	0.0116769	0.600984	-1.66394	3.27E-05	3.68347	3.68347	0.0256776	1.53449	1.53449	15.7356	6.50632	0.367536	1
cg11410404	PCP4	0.000560503	0.0146818	0.562435	-1.77798	0.000170789	0.294042	-3.40087	0.135056	0.734451	-1.36156	0.906111	1.02286	1.02286	0.000107087	0.270036	-3.70321	0.0036406	0.470667	-2.12465	0.0229241	0.593725	-1.68428	0.0140309	1.78791	1.78791	0.0502621	0.652097	-1.53351	13.8441	8.04705	0.516679	1
cg19069346	PCP4	0.0150357	0.108295	0.497589	-2.00969	0.895432	0.948959	-1.05379	0.0512643	2.42124	2.42124	0.0160183	3.23684	3.23684	0.148191	0.53904	-1.85515	0.671319	1.18536	1.18536	0.25894	0.625478	-1.59878	0.00163652	6.03188	6.03188	0.486997	1.32494	1.32494	5.17662	13.0132	2.23453	1
cg16496024	PCP4	0.0159278	0.0225823	0.306806	-3.25939	0.168512	0.530002	-1.88679	0.556032	0.772868	-1.29388	0.967839	0.982707	-1.0176	0.00161455	0.141421	-7.0711	0.0828395	0.435602	-2.29567	0.0907814	0.446561	-2.23934	0.0226108	3.25827	3.25827	0.528774	0.758732	-1.31799	5.07863	15.0579	2.63551	1
cg00895324	PCP4	0.0254086	0.122513	0.637909	-1.56762	0.804342	0.935495	-1.06895	0.790554	1.07413	1.07413	0.491462	0.828848	-1.20649	0.00116869	0.27798	-3.59738	0.0126416	0.434834	-2.29973	0.0989666	0.615121	-1.6257	0.335286	1.30594	1.30594	0.782044	0.928206	-1.07735	4.33272	4.95206	1.01595	1
cg07369190	PCP4L1	0.0042972	0.635912	1.12567	1.12567	0.00179615	3.0117	3.0117	0.173515	1.43255	1.43255	0.000983211	3.37425	3.37425	0.635284	1.12592	1.12592	0.939259	1.0191	1.0191	0.274023	0.753867	-1.32649	0.000926335	3.41355	3.41355	0.0951522	1.57644	1.57644	7.68435	7.49895	0.867443	1
cg16172549	PCP4L1	0.0384314	0.0762025	0.375157	-2.66555	0.0117617	0.209359	-4.77649	0.134495	0.448472	-2.2298	0.436828	0.674231	-1.48317	0.0218879	0.25492	-3.92279	0.0390444	0.305127	-3.27733	0.011918	0.210249	-4.75626	0.0150901	0.226717	-4.41078	0.160825	0.475039	-2.10509	3.73766	14.6184	3.47655	1
cg09786257	PCSK1	0.000218933	0.07554	1.19458	1.19458	0.193766	0.883757	-1.13153	2.65E-05	2.10971	2.10971	0.00303719	1.4405	1.4405	0.188497	0.882301	-1.1334	0.921392	0.991168	-1.00891	0.0129618	0.757933	-1.31938	0.00923633	0.74308	-1.34575	0.000549612	1.61975	1.61975	17.9256	2.29307	0.113708	1
cg10988336	PCSK1	0.00869993	0.0266452	0.564342	-1.77198	0.0255536	1.78212	1.78212	0.00425421	2.3005	2.3005	0.71581	1.08288	1.08288	0.743704	0.931043	-1.07406	0.0237109	1.80044	1.80044	0.0158768	0.525551	-1.90277	0.149033	0.713908	-1.40074	0.737356	1.07605	1.07605	6.17842	4.64099	0.667698	1
cg13912090	PCSK1	0.014468	0.0023989	0.64895	-1.54095	0.0273716	1.30579	1.30579	0.0571844	1.24601	1.24601	0.438647	1.0841	1.0841	0.896597	0.986797	-1.01338	0.355135	0.907342	-1.10212	0.0961007	0.829607	-1.20539	0.659553	1.04636	1.04636	0.0410332	1.27255	1.27255	5.24283	0.86766	0.147106	1
cg19084281	PCSK1	0.0206159	0.419582	0.803103	-1.24517	0.00191061	0.310737	-3.21815	0.0190342	0.470125	-2.12709	0.735043	1.09452	1.09452	0.638994	1.13386	1.13386	0.0240916	0.489066	-2.04471	0.342049	1.29731	1.29731	0.394116	1.26122	1.26122	0.0854978	0.603256	-1.65767	4.65626	5.21335	0.995239	1
cg00959249	PCSK1	0.0257022	0.385272	0.896842	-1.11502	0.00469342	0.631506	-1.58352	0.0546879	0.765999	-1.30548	0.00831754	1.51071	1.51071	0.881088	0.981857	-1.01848	0.189095	1.1855	1.1855	0.64761	0.945265	-1.0579	0.913081	1.01344	1.01344	0.891862	0.9835	-1.01678	4.31539	1.02252	0.21062	1
cg02115960	PCSK1	0.0258996	0.864934	1.03064	1.03064	0.139569	0.754399	-1.32556	0.0144506	1.70627	1.70627	0.00987556	1.78241	1.78241	0.175929	1.29058	1.29058	0.651296	0.922512	-1.084	0.0649632	0.692552	-1.44393	0.106191	0.731416	-1.36721	0.265121	1.2286	1.2286	4.30388	2.14204	0.4424	1
cg17803175	PCSK1	0.0270392	0.251545	1.255	1.255	0.358349	0.836026	-1.19613	0.00123933	2.44755	2.44755	0.0933524	1.41902	1.41902	0.344967	1.20254	1.20254	0.536552	0.888103	-1.126	0.259725	0.800172	-1.24973	0.144635	0.742975	-1.34594	0.466413	1.15089	1.15089	4.23951	2.41408	0.506156	1
cg07145843	PCSK1	0.0465817	0.58496	0.931226	-1.07385	0.205691	0.841575	-1.18825	0.387216	1.12132	1.12132	0.0125489	0.669566	-1.49351	0.738246	1.04428	1.04428	0.475597	0.910533	-1.09826	0.0173948	0.687893	-1.45371	0.354901	0.884303	-1.13083	0.035731	1.37126	1.37126	3.48011	0.919981	0.234981	1
cg00637687	PCSK1;PCSK1	0.0241124	0.534305	0.891191	-1.12209	0.112149	1.37246	1.37246	0.72431	0.937239	-1.06696	0.588677	1.10509	1.10509	0.599198	0.907495	-1.10193	0.0878988	0.708402	-1.41163	0.0162381	0.583892	-1.71265	0.0138379	0.57306	-1.74502	0.0148629	1.73045	1.73045	4.41225	2.34106	0.471629	1
cg17377054	PCSK1N	0.0290426	0.00994906	0.281549	-3.55178	0.0147647	0.310956	-3.21589	0.022625	0.345523	-2.89417	0.237448	1.61905	1.61905	0.619027	0.822708	-1.2155	0.0132297	0.302544	-3.30531	0.696665	0.858542	-1.16477	0.890518	1.05508	1.05508	0.76786	1.12214	1.12214	4.13409	9.92425	2.13386	1
cg00723997	PCSK1N	0.0315658	0.175254	1.8399	1.8399	0.141905	1.95017	1.95017	0.319323	1.54541	1.54541	0.828393	1.09616	1.09616	0.1341	1.98046	1.98046	0.0293492	2.96099	2.96099	0.00123743	7.36778	7.36778	0.0164009	3.45782	3.45782	0.290918	1.58971	1.58971	4.01344	11.3713	2.5185	1
cg09515442	PCSK1N	0.0396838	0.0157174	3.44102	3.44102	0.324249	0.653792	-1.52954	0.377633	0.685304	-1.45921	0.0851201	0.451736	-2.21368	0.844562	1.08539	1.08539	0.177911	1.81777	1.81777	0.0506256	2.53395	2.53395	0.0341203	2.80705	2.80705	0.0810988	2.24187	2.24187	3.69391	10.1945	2.45315	1
cg04584301	PCSK2	3.33E-05	0.335605	1.17589	1.17589	0.0116371	1.67297	1.67297	0.0228327	0.641161	-1.55967	0.93008	1.01442	1.01442	0.00636632	0.560199	-1.78508	0.95278	1.00971	1.00971	7.97E-07	0.115384	-8.66672	0.0290927	1.52149	1.52149	0.0028659	1.95314	1.95314	29.6346	12.4975	0.374863	1
cg02949067	PCSK2	8.29E-05	0.0233469	0.615932	-1.62356	0.00760804	0.541295	-1.84742	0.212012	1.26505	1.26505	0.127591	1.34264	1.34264	4.72E-06	0.153438	-6.51731	0.000287805	0.347061	-2.88134	0.000114366	0.297987	-3.35586	0.012258	0.572374	-1.74711	0.00417434	0.503341	-1.98673	23.2755	11.7898	0.450253	1
cg20157281	PCSK2	0.000911138	0.000673506	0.138795	-7.20486	0.12458	0.531819	-1.88034	0.00327368	0.218242	-4.58207	0.0291311	0.376664	-2.65489	0.0004897	0.125657	-7.95815	0.0356444	0.395096	-2.53103	0.00260742	0.20524	-4.87235	0.0267439	0.369092	-2.70935	0.00604531	3.90301	3.90301	12.0806	27.5923	2.03023	1
cg00621913	PCSK2	0.00168072	0.0889205	1.28243	1.28243	0.0195093	0.687782	-1.45395	0.106812	1.26293	1.26293	0.0629199	1.31969	1.31969	0.0598555	0.754643	-1.32513	0.10002	1.2699	1.2699	0.000489544	0.484719	-2.06305	0.383775	1.1257	1.1257	0.00168287	1.81352	1.81352	10.1412	2.82321	0.247459	1
cg20737505	PCSK2	0.00366301	0.209773	0.704411	-1.41963	0.00316459	0.343398	-2.91207	0.0338849	0.518624	-1.92818	0.250083	0.727157	-1.37522	0.00441953	0.365271	-2.7377	0.0452699	0.543983	-1.83829	0.000117894	0.167496	-5.97029	0.0613858	0.571955	-1.74839	0.174853	0.682135	-1.46598	8.06308	8.97352	0.989258	1
cg16134686	PCSK2	0.00615136	0.0127119	0.183742	-5.4424	0.813326	1.13818	1.13818	0.0281013	0.241934	-4.13337	0.0381124	0.26843	-3.72536	0.00581651	0.138591	-7.21547	0.329199	0.576387	-1.73495	0.00222127	0.0958559	-10.4323	0.0683215	0.327354	-3.0548	0.0200498	4.64208	4.64208	6.88595	32.6482	4.21447	1
cg24306585	PCSK2	0.00649517	0.0395303	0.24996	-4.00064	?	?	?	0.332017	1.77223	1.77223	0.492878	0.672164	-1.48773	?	?	?	0.183539	2.24866	2.24866	0.469348	0.657042	-1.52197	0.000683366	0.0420398	-23.787	0.00638274	0.121468	-8.23262	8.12724	31.7383	3.90518	1
cg19864758	PCSK2	0.0313205	0.757058	1.05416	1.05416	0.204912	0.796638	-1.25528	0.182274	0.786143	-1.27203	0.0302914	1.5417	1.5417	0.682022	0.932375	-1.07253	0.0188847	0.616714	-1.6215	0.00535168	0.536052	-1.86549	0.17469	0.782403	-1.27811	0.826928	1.03792	1.03792	4.02464	1.84158	0.406734	1
cg05846716	PCSK2	0.0354619	0.124564	1.41062	1.41062	0.461548	0.856349	-1.16775	0.867386	0.966015	-1.03518	0.00780371	2.02706	2.02706	0.640253	1.10228	1.10228	0.00958839	1.97097	1.97097	0.318533	0.807922	-1.23774	0.352384	0.820378	-1.21895	0.0496824	1.5892	1.5892	3.84881	2.60914	0.602586	1
cg09165842	PCSK2	0.0365565	0.0416122	0.257551	-3.88273	0.925583	1.05543	1.05543	0.0458239	0.266612	-3.75077	0.24623	0.496449	-2.01431	0.0386652	0.25085	-3.98644	0.221546	0.476161	-2.10013	0.0461273	0.267244	-3.7419	0.109999	0.365684	-2.73461	0.0224306	4.85205	4.85205	3.80655	20.1043	4.69466	1
cg02005847	PCSK4	1.10E-05	5.64E-05	0.112265	-8.90753	9.47E-05	0.130944	-7.63685	0.00922722	0.380606	-2.62739	5.01E-06	0.0478787	-20.8861	3.94E-06	0.043363	-23.0611	7.10E-05	0.120313	-8.31168	1.93E-05	0.0792638	-12.6161	0.000617846	0.214282	-4.66675	3.38E-05	0.0954959	-10.4717	39.5634	53.5354	1.2028	1
cg06159057	PCSK4	0.00948173	0.165293	0.583519	-1.71374	0.14883	0.569181	-1.75691	0.526991	1.26276	1.26276	0.0406434	0.423013	-2.36399	0.00685772	0.2796	-3.57654	0.0479585	0.439139	-2.27718	0.000517279	0.139255	-7.18106	0.235099	0.635749	-1.57295	0.0120208	0.319756	-3.12738	6.01188	12.6142	1.86508	1
cg12651480	PCSK4	0.0175804	0.27048	0.867867	-1.15225	0.126357	1.22662	1.22662	0.0757542	0.78338	-1.27652	0.841402	0.975558	-1.02505	0.184395	1.18994	1.18994	0.18196	1.19123	1.19123	0.00134153	0.562363	-1.77821	0.292566	0.873828	-1.14439	0.0480505	0.756453	-1.32196	4.91391	1.1873	0.214774	1
cg00512103	PCSK4	0.0209824	0.0154031	0.446457	-2.23986	0.04296	0.531659	-1.8809	0.00849618	0.4021	-2.48695	0.153331	1.5139	1.5139	0.137607	0.648122	-1.54292	0.00882525	0.404838	-2.47012	0.049064	0.543689	-1.83929	0.595554	0.864764	-1.15639	0.767588	1.0837	1.0837	4.62835	5.39221	1.03559	1
cg15407063	PCSK4	0.022622	0.351548	0.679128	-1.47248	0.346524	0.676218	-1.47881	0.118379	0.50447	-1.98228	0.0655096	0.434179	-2.3032	0.00109459	0.143168	-6.98482	0.0269631	0.347419	-2.87836	0.0324164	0.363931	-2.74777	0.0325032	0.364176	-2.74592	0.0303497	0.357945	-2.79372	4.51052	11.6363	2.29316	1
cg01091751	PCSK4	0.0252851	0.0420326	0.363133	-2.75381	0.00402294	0.1881	-5.31631	0.0320516	0.337593	-2.96214	0.21794	0.570999	-1.75132	0.0369435	0.350754	-2.851	0.0349241	0.345489	-2.89444	0.0180595	0.288873	-3.46173	0.0107522	0.250145	-3.99767	0.1654	0.527443	-1.89594	4.34007	12.8502	2.63184	1
cg23317614	PCSK4	0.0284048	0.0115793	0.0699424	-14.2975	0.0291946	0.1147	-8.71842	0.434486	0.510703	-1.95808	0.819588	0.824892	-1.21228	0.00784339	0.0564121	-17.7267	0.0145969	0.0793089	-12.6089	0.749922	1.30927	1.30927	0.478043	1.8364	1.8364	0.0629348	0.171542	-5.82947	4.16665	46.8574	9.9963	1
cg01559912	PCSK4	0.0436863	0.116725	1.23195	1.23195	0.067329	1.28521	1.28521	0.484789	0.916777	-1.09078	0.181914	1.18937	1.18937	0.037065	0.743551	-1.3449	0.460981	1.09621	1.09621	0.0414038	1.33362	1.33362	0.118657	0.812759	-1.23038	0.11964	0.813282	-1.22959	3.56477	0.845753	0.210892	1
cg18639142	PCSK4;REEP6	0.0204794	0.00940913	0.269358	-3.71253	0.0318277	0.366973	-2.725	0.135535	0.526759	-1.8984	0.823573	1.09305	1.09305	0.0124098	0.289386	-3.45559	0.0552572	0.420701	-2.37699	0.0074538	0.253354	-3.94705	0.0111623	0.281587	-3.5513	0.0692184	0.444856	-2.24792	4.66681	11.7347	2.23511	1
cg13898564	PCSK5	1.44E-05	4.50E-05	0.592822	-1.68685	8.52E-06	1.9271	1.9271	7.13E-06	1.95799	1.95799	0.485968	1.04911	1.04911	0.00102162	0.719083	-1.39066	0.00812593	1.25794	1.25794	0.740851	0.977774	-1.02273	0.201173	1.09573	1.09573	0.617175	1.03472	1.03472	36.9144	2.68136	0.0645665	1
cg13655566	PCSK5	0.000268727	0.781	1.05383	1.05383	1.50E-05	0.184611	-5.41679	0.000220568	0.314166	-3.18303	0.449619	1.15596	1.15596	0.0179712	0.582249	-1.71748	0.00818991	0.52916	-1.88979	?	?	?	0.306013	1.22064	1.22064	0.739459	0.939144	-1.0648	17.3746	8.65601	0.498199	1
cg14198450	PCSK5	0.0062028	0.446248	0.682756	-1.46465	0.0142244	0.226166	-4.42152	0.261471	0.562371	-1.77819	0.0745554	0.37665	-2.65498	0.0104704	0.205195	-4.87341	0.461577	0.691835	-1.44543	0.000274219	0.0534213	-18.7191	0.599532	0.770723	-1.29748	0.00336483	0.140764	-7.10408	6.86824	26.2806	3.40124	1
cg13670316	PCSK5	0.0210012	0.0984867	0.749545	-1.33414	0.275196	0.834754	-1.19796	0.0575508	1.40735	1.40735	0.208083	1.23512	1.23512	0.0026908	0.516917	-1.93455	0.198477	0.805563	-1.24137	0.458191	0.886755	-1.12771	0.453161	1.12929	1.12929	0.0598456	1.40192	1.40192	4.62694	1.855	0.356367	1
cg14349078	PCSK5	0.0309108	0.149384	0.698739	-1.43115	0.104212	1.50968	1.50968	0.506136	1.16933	1.16933	0.458002	1.19154	1.19154	0.0102234	0.471991	-2.11869	0.698639	1.09441	1.09441	0.00514145	0.424448	-2.356	0.44833	1.19624	1.19624	0.428618	0.829123	-1.20609	4.04358	3.44364	0.757006	1
cg09501006	PCSK5	0.0424451	0.100222	0.83613	-1.19599	0.417507	1.08582	1.08582	0.813981	1.0237	1.0237	0.958201	1.00522	1.00522	0.22424	0.880845	-1.13527	0.419374	1.08545	1.08545	0.0069471	0.706746	-1.41494	0.0166415	1.33719	1.33719	0.516817	1.0675	1.0675	3.6032	0.563569	0.139029	1
cg21122366	PCSK6;PCSK6	0.000239176	2.58E-05	0.084842	-11.7866	0.306899	1.36745	1.36745	0.000434336	0.192865	-5.18499	0.000486837	0.19841	-5.04007	0.00808189	0.366563	-2.72805	0.00914157	0.375473	-2.66331	0.465186	1.24596	1.24596	0.474615	1.24002	1.24002	0.00118211	0.244793	-4.08509	17.4997	24.2603	1.23229	1
cg08890994	PCSK6;PCSK6;PCSK6;PCSK6	0.0112823	0.370144	1.17694	1.17694	0.0221231	1.62532	1.62532	0.785423	0.952838	-1.0495	0.383751	1.17129	1.17129	0.0129068	0.579019	-1.72706	0.0174047	1.66956	1.66956	0.00207192	2.15472	2.15472	0.134392	1.33076	1.33076	0.184413	1.28304	1.28304	5.68587	2.82201	0.441174	1
cg07324702	PCSK6;PCSK6;PCSK6;PCSK6	0.0232287	0.341633	1.45785	1.45785	0.00808647	3.68712	3.68712	0.932639	0.968	-1.03306	0.8392	0.924812	-1.0813	0.0553187	0.433566	-2.30645	0.627313	1.20711	1.20711	0.0128688	3.28124	3.28124	0.00835146	3.65703	3.65703	0.312802	1.49431	1.49431	4.46958	10.477	2.08362	1
cg23009094	PCSK6;PCSK6;PCSK6;PCSK6	0.0351459	0.860139	0.947089	-1.05587	0.27564	0.704988	-1.41846	0.00151805	0.244704	-4.08656	0.75261	0.907131	-1.10238	0.292286	0.714056	-1.40045	0.894895	0.960076	-1.04158	0.0268792	2.24351	2.24351	0.349854	0.743322	-1.34531	0.913053	0.966893	-1.03424	3.86131	5.81045	1.33759	1
cg12175905	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6	6.28E-05	0.0384669	0.715159	-1.39829	0.000729394	2.05039	2.05039	0.391639	1.13055	1.13055	0.0133397	1.53507	1.53507	1.49E-05	0.284656	-3.51302	0.00650192	1.63966	1.63966	0.000297576	2.27778	2.27778	0.000585205	2.10227	2.10227	0.0868341	1.30265	1.30265	25.0568	7.75676	0.275171	1
cg13558568	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6	0.045133	0.696053	0.924083	-1.08215	0.00449709	0.466899	-2.14179	0.0254465	0.5862	-1.7059	0.0267776	0.589978	-1.69498	0.967844	1.00814	1.00814	0.58372	0.894682	-1.11772	0.593145	1.11456	1.11456	0.670061	1.09002	1.09002	0.0614599	0.654618	-1.52761	3.52163	2.25574	0.569369	1
cg13408966	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.000273647	0.269806	0.879992	-1.13637	0.0547263	1.27433	1.27433	5.84E-06	0.321867	-3.10688	0.119982	0.828895	-1.20643	0.0105474	0.699109	-1.43039	0.690436	1.04554	1.04554	0.0491135	1.28389	1.28389	0.219108	1.15464	1.15464	0.0215704	0.735636	-1.35937	16.8689	3.30678	0.174248	1
cg24494009	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.000391862	0.135856	0.726766	-1.37596	0.0164149	1.79024	1.79024	0.00487001	0.476543	-2.09844	0.57209	0.892822	-1.12004	2.52E-05	0.18987	-5.26677	0.000883413	0.371737	-2.69008	0.170801	0.748554	-1.33591	0.0259371	1.69044	1.69044	0.818392	0.955356	-1.04673	15.2866	9.54648	0.555112	1
cg12045881	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.00380546	0.495795	0.823006	-1.21506	0.318574	1.33689	1.33689	0.225874	0.698934	-1.43075	0.644688	0.877401	-1.13973	6.63E-05	0.127427	-7.84761	0.530829	1.1958	1.1958	0.762197	1.08924	1.08924	0.485228	1.2211	1.2211	0.0179609	0.444907	-2.24766	7.97123	10.0152	1.11681	1
cg24375244	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.00382995	0.0060046	1.83549	1.83549	0.0147141	0.601776	-1.66175	0.081819	0.721669	-1.38568	0.944491	0.988291	-1.01185	0.14441	1.30369	1.30369	0.00092853	0.43331	-2.30782	0.194242	1.2615	1.2615	0.321959	0.84108	-1.18895	0.0193184	0.619672	-1.61376	7.95586	3.60505	0.402784	1
cg14307157	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.00656533	0.0145923	0.368671	-2.71244	0.514044	0.802892	-1.2455	0.573393	0.827997	-1.20773	0.349382	1.37655	1.37655	0.000246897	0.134228	-7.44999	0.64384	0.856884	-1.16702	0.105165	0.555788	-1.79925	0.492829	1.25994	1.25994	0.0082618	0.326118	-3.06638	6.74839	11.7628	1.54939	1
cg18749617	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.0118156	0.510303	0.699353	-1.42989	0.00124838	0.0800754	-12.4882	0.297161	0.560588	-1.78384	0.0335758	0.264647	-3.77862	0.0749325	0.345742	-2.89233	0.511007	0.699782	-1.42902	0.0371506	3.65332	3.65332	0.00816056	0.16317	-6.12859	0.249963	0.5253	-1.90368	5.60155	25.4381	4.03668	1
cg13934924	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.0147789	0.0031058	0.18238	-5.48305	0.0127192	3.67792	3.67792	0.434101	1.39896	1.39896	0.761945	0.88003	-1.13632	0.0383062	0.364306	-2.74495	0.188279	0.556317	-1.79754	0.163663	0.535122	-1.86873	0.0798735	2.26485	2.26485	0.600514	0.80071	-1.24889	5.20618	14.5892	2.49093	1
cg07822775	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.0227312	0.552815	0.807423	-1.23851	0.157366	1.71373	1.71373	0.0882693	0.51168	-1.95435	0.843723	1.07284	1.07284	0.00114219	0.181953	-5.49594	0.348186	0.70887	-1.4107	0.148192	0.575464	-1.73773	0.112314	1.85131	1.85131	0.160023	0.585797	-1.70708	4.50306	9.05122	1.78668	1
cg26807912	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.0262067	0.110119	0.547692	-1.82584	0.0973493	1.87571	1.87571	0.0340619	2.35186	2.35186	0.867062	0.943724	-1.05963	0.00242977	0.23241	-4.30275	0.257822	0.664818	-1.50417	0.87571	0.947323	-1.05561	0.201868	0.627561	-1.59347	0.427866	0.755892	-1.32294	4.2862	8.11418	1.68275	1
cg07927984	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.0292202	0.905614	1.05929	1.05929	0.0223636	0.264725	-3.7775	0.512132	0.724079	-1.38106	0.110418	0.429652	-2.32747	0.585032	0.765086	-1.30704	0.586176	1.30596	1.30596	0.00417603	6.44903	6.44903	0.0373222	0.309258	-3.23355	0.851356	0.912931	-1.09537	4.12518	15.4066	3.31981	1
cg21230427	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK 6;PCSK6;PCSK6	0.035338	0.0293936	0.211733	-4.72294	0.00089738	0.0493892	-20.2474	0.0452047	0.248992	-4.0162	0.352967	0.560829	-1.78307	0.202455	0.442959	-2.25755	0.429519	0.61386	-1.62904	0.182172	0.424512	-2.35565	0.185682	0.427772	-2.3377	0.433554	0.616585	-1.62184	3.8537	22.348	5.15475	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20249919	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.0388205	0.103018	0.750117	-1.33312	0.621746	0.922958	-1.08347	0.310862	1.18416	1.18416	0.258766	1.20919	1.20919	0.299047	1.18948	1.18948
cg10453419	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.0463458	0.0608087	0.185245	-5.39825	0.00313703	0.0398884	-25.0699	0.0116413	0.0808114	-12.3745	0.333557	0.451267	-2.21598	0.160863	0.302751	-3.30304
cg19003958	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.0469	0.139431	1.32546	1.32546	0.65044	1.08417	1.08417	0.968231	0.99297	-1.00708	0.163613	1.3013	1.3013	0.0482827	0.670463	-1.49151
cg26772255	PCSK7	0.0424321	0.0567816	0.345078	-2.8979	0.81716	0.892003	-1.12107	0.0237387	0.263923	-3.78898	0.0556308	0.342918	-2.91615	0.00771142	0.184653	-5.41557
cg25920207	PCSK7;RNF214;PCSK7;RNF214	0.00249163	0.251744	1.1027	1.1027	0.121112	0.871763	-1.1471	0.562175	0.953278	-1.04901	0.0767963	1.17432	1.17432	0.00294993	0.716567	-1.39554
cg09951485	PCSK7;RNF214;RNF214	0.0241005	0.206637	0.754312	-1.32571	0.00401702	0.441225	-2.26642	0.578788	0.888066	-1.12604	0.393529	0.831095	-1.20323	0.0257893	0.570978	-1.75138
cg04554817	PCSK9	0.00243619	0.0214051	0.414216	-2.4142	0.000222542	0.140902	-7.09715	0.412733	0.765681	-1.30603	0.0193625	0.405935	-2.46345	0.00728283	0.331715	-3.01463
cg26047355	PCSK9	0.042265	0.542152	1.18478	1.18478	0.387459	1.2756	1.2756	0.898434	1.03571	1.03571	0.658037	0.884787	-1.13022	0.312581	1.33247	1.33247
cg26392328	PCTP;PCTP	0.00395646	0.000830293	0.134909	-7.41241	0.00793752	0.257957	-3.87662	0.181951	0.568961	-1.75759	0.475285	0.749029	-1.33506	0.0062967	0.242577	-4.12241
cg09380069	PCTP;PCTP	0.00703121	0.00417249	0.395956	-2.52553	0.893597	1.03282	1.03282	0.030658	0.541833	-1.84559	0.386672	0.807226	-1.23881	0.001935	0.346935	-2.88238
cg18181904	PCTP;PCTP	0.0122805	0.100075	0.846937	-1.18073	0.0220616	1.28805	1.28805	0.045068	1.23617	1.23617	0.22032	0.887974	-1.12616	0.504837	1.06438	1.06438
cg08386490	PCTP;PCTP	0.0319004	0.023035	0.565802	-1.7674	0.994018	1.00157	1.00157	0.984066	0.995825	-1.00419	0.0881829	0.674226	-1.48318	0.546866	0.880087	-1.13625
cg13948094	PCYOX1	0.00400454	0.0321132	0.841828	-1.18789	0.472233	1.05143	1.05143	0.00898296	0.796219	-1.25594	0.105775	0.885869	-1.12884	0.000288211	0.666454	-1.50048
cg12850242	PCYOX1	0.00474825	0.184343	0.733417	-1.36348	0.000754742	3.07954	3.07954	0.135776	1.4247	1.4247	0.194874	1.35244	1.35244	0.855015	1.0411	1.0411
cg26572187	PCYOX1	0.00591057	0.574068	0.875123	-1.1427	0.454789	0.836255	-1.19581	0.846245	0.955426	-1.04665	0.77442	0.934735	-1.06982	5.30E-05	0.169833	-5.88815
cg06620837	PCYOX1	0.0217207	0.533298	1.1031	1.1031	0.632964	0.927907	-1.07769	0.000406569	2.39598	2.39598	0.357528	0.86316	-1.15853	0.407868	1.14072	1.14072
cg08493904	PCYOX1	0.0237012	0.501624	0.886113	-1.12852	0.0121269	0.574431	-1.74085	0.510402	0.888368	-1.12566	0.52211	0.891347	-1.1219	0.0356919	0.648306	-1.54248
cg25589720	PCYOX1L	0.0025116	0.0719795	0.717779	-1.39319	0.995948	0.999162	-1.00084	0.324012	0.845217	-1.18313	0.0631323	1.4121	1.4121	0.021391	1.57851	1.57851
cg22281080	PCYOX1L	0.00313537	0.0195335	0.519504	-1.92491	0.532673	0.863606	-1.15794	0.618802	1.12343	1.12343	0.41111	1.21534	1.21534	0.0535304	0.601221	-1.66328
cg09838876	PCYOX1L	0.00858423	0.829011	0.941896	-1.06169	0.129671	0.635652	-1.57319	0.160416	0.660326	-1.5144	0.0633837	0.561133	-1.78211	0.0610692	0.557551	-1.79356
cg07792738	PCYOX1L	0.0106752	0.117775	2.72505	2.72505	0.0983691	2.91484	2.91484	0.713173	1.24346	1.24346	0.358811	0.573002	-1.74519	?	?	?
cg10504660	PCYOX1L	0.0344378	0.185139	1.26644	1.26644	0.830025	1.0368	1.0368	0.632695	0.922252	-1.0843	0.252262	1.22265	1.22265	0.55832	1.10462	1.10462
cg23223392	PCYOX1L	0.037086	0.0842231	0.784741	-1.27431	0.135703	0.815432	-1.22634	0.89775	1.01645	1.01645	0.807294	0.969466	-1.0315	0.0512342	0.754506	-1.32537
cg26569002	PCYOX1L	0.0463932	0.443871	0.834337	-1.19856	0.3422	1.25491	1.25491	0.0461302	0.588498	-1.69924	0.113218	0.670361	-1.49173	0.125755	0.680855	-1.46874
cg07933176	PCYOX1L	0.049917	0.162767	1.32375	1.32375	0.540103	1.12384	1.12384	0.424823	1.1658	1.1658	0.298656	1.22479	1.22479	0.647696	1.09046	1.09046
cg23828876	PCYT1A	0.000279076	0.000728627	0.216561	-4.61763	0.178242	0.653105	-1.53115	0.00837555	0.366682	-2.72716	0.388004	0.768347	-1.3015	4.69E-05	0.101605	-9.84203
cg07641926	PCYT1A	0.000538403	0.11503	0.666207	-1.50103	0.259596	1.32146	1.32146	0.394395	0.81322	-1.22968	0.115236	0.666387	-1.50063	6.50E-06	0.092508	-10.8099
cg22221575	PCYT1A	0.00108735	0.00211247	2.64824	2.64824	0.00573829	0.442245	-2.26119	0.796353	1.06	1.06	0.0192884	1.89214	1.89214	0.129923	1.44571	1.44571
cg10606216	PCYT1A	0.00163395	0.0625863	1.30106	1.30106	0.0391288	1.34962	1.34962	0.0977756	1.25626	1.25626	0.00862696	1.52288	1.52288	0.127372	1.23004	1.23004
cg24526028	PCYT1A	0.00202738	0.376878	0.711056	-1.40636	0.00482086	0.245047	-4.08084	0.565455	0.803726	-1.24421	0.28749	0.660133	-1.51485	0.150895	0.560514	-1.78408
cg05065603	PCYT1A	0.00421685	0.0913026	0.356112	-2.80811	0.0109733	0.16998	-5.88305	0.00346899	0.110488	-9.05074	0.887764	0.924589	-1.08156	0.00224666	0.0930204	-10.7503
cg14470594	PCYT1A	0.00914006	0.184758	1.10631	1.10631	0.446862	1.05727	1.05727	0.577376	1.04126	1.04126	0.233985	1.09376	1.09376	0.00349637	0.75233	-1.3292
cg20581632	PCYT1A	0.0116873	0.00457476	1.90578	1.90578	0.147998	0.767137	-1.30355	0.763213	1.05296	1.05296	0.243695	1.23165	1.23165	0.0412248	1.49517	1.49517
cg14003467	PCYT1A	0.0197389	0.228842	0.852564	-1.17293	0.125314	1.23312	1.23312	0.311271	1.14147	1.14147	0.0988677	0.795683	-1.25678	0.178338	1.19796	1.19796
cg20115827	PCYT1A	0.0378907	0.0239701	0.372751	-2.68276	0.193929	0.604347	-1.65468	0.818814	0.919365	-1.08771	0.875288	0.944076	-1.05924	0.00383759	0.239814	-4.1699
cg04402371	PCYT1B	0.019599	0.0616302	0.297715	-3.35891	0.000767392	0.0532619	-18.7751	0.0588944	0.292917	-3.41393	0.554515	1.41068	1.41068	0.0391678	0.253174	-3.94985
cg02878966	PCYT1B	0.0243677	0.151377	1.42215	1.42215	0.0352253	0.570141	-1.75395	0.470327	0.845144	-1.18323	0.159503	0.708664	-1.41111	0.0156922	0.507427	-1.97073
cg00550141	PCYT1B;PCYT1B;PCYT1B	1.49E-06	2.37E-07	0.146215	-6.83925	9.11E-06	0.303421	-3.29576	8.70E-05	0.417116	-2.39741	0.221182	1.17322	1.17322	1.30E-07	0.125299	-7.98092
cg22731373	PCYT1B;PCYT1B;PCYT1B;PCYT1B;PCYT1B	0.0264395	0.0475729	0.432905	-2.30998	0.230397	0.628196	-1.59186	0.100778	0.514721	-1.9428	0.00262734	4.65871	4.65871	0.11704	0.533075	-1.87591
cg02917110	PCYT2	0.00755408	0.0594103	0.731507	-1.36704	0.133261	1.26866	1.26866	0.00106474	2.0355	2.0355	0.98661	1.00247	1.00247	0.801895	1.03763	1.03763
cg17614564	PCYT2	0.0453906	?	?	?	0.254378	1.54897	1.54897	0.00644936	0.25918	-3.85832	0.147455	0.563301	-1.77525	0.738201	0.884628	-1.13042
cg19573490	PCYT2;SIRT7	0.0444611	0.291436	0.578236	-1.7294	0.0292714	0.276633	-3.6149	0.530839	0.727839	-1.37393	0.0640322	0.352931	-2.83342	0.00420113	0.146815	-6.8113
cg01618928	PCYT2;SIRT7	0.0496812	0.14265	1.22752	1.22752	0.664259	0.944771	-1.05846	0.507985	0.91634	-1.0913	0.0193932	0.69229	-1.44448	0.0421726	1.35597	1.35597
cg01499001	PDAP1	0.00465555	0.0105441	0.446697	-2.23865	0.00645014	0.41181	-2.42831	0.0264661	0.517372	-1.93284	0.00122754	0.306011	-3.26786	0.00311482	0.36324	-2.753
cg19420101	PDAP1	0.00708418	0.0495491	0.579202	-1.72651	0.0899884	0.634159	-1.57689	0.0240652	0.519024	-1.92669	0.00432149	0.394663	-2.53381	0.834167	0.950188	-1.05242
cg21006425	PDAP1	0.00782552	0.03039	0.441523	-2.26489	0.0162225	0.388846	-2.57171	0.147478	0.606946	-1.64759	0.118547	0.580208	-1.72352	0.00229772	0.254373	-3.93123
cg12723191	PDC;MIR548F1	0.00390054	0.0314933	1.67184	1.67184	0.0026981	0.42973	-2.32705	0.0233	0.575594	-1.73734	0.251797	0.783553	-1.27624	0.756065	1.06555	1.06555
cg05709437	PDC;MIR548F1	0.0213928	0.294879	0.650509	-1.53726	0.636236	0.828132	-1.20754	0.0107914	0.281496	-3.55245	0.127566	0.520913	-1.91971	0.00254832	0.190691	-5.24409
cg11573123	PDC;PDC;MIR548F1	0.00492759	0.0410787	1.40206	1.40206	0.00171994	0.526558	-1.89913	0.00596448	0.597254	-1.67433	0.389479	0.88123	-1.13478	0.427133	1.12327	1.12327
cg03903296	PDCD1	0.00124321	0.232378	0.832816	-1.20074	0.0201331	0.664005	-1.50601	0.00094308	0.48654	-2.05533	0.0107547	0.626174	-1.597	0.0169949	0.653667	-1.52983
cg01632474	PDCD1	0.0020139	0.219243	0.865942	-1.15481	0.00251914	0.626676	-1.59572	0.125041	0.831118	-1.2032	0.56431	1.06708	1.06708	0.00437381	0.654384	-1.52815
cg20601192	PDCD1	0.00437023	0.897367	1.02223	1.02223	0.0842958	1.38461	1.38461	0.155568	0.771877	-1.29554	0.486826	0.886575	-1.12794	7.33E-05	0.29262	-3.4174
cg09319815	PDCD1	0.00780489	0.344725	1.54867	1.54867	0.0647511	2.54035	2.54035	0.124109	2.11361	2.11361	0.417452	0.689068	-1.45124	0.000259863	0.0672001	-14.8809
cg27051683	PDCD1	0.0117951	0.023773	0.60325	-1.65769	0.0190696	0.587746	-1.70142	0.0383209	0.637898	-1.56765	0.259977	0.802454	-1.24618	0.265935	0.804832	-1.2425
cg04789125	PDCD1	0.0140884	0.667886	0.901976	-1.10868	0.0858119	1.57428	1.57428	0.706243	1.09473	1.09473	0.366733	0.801208	-1.24811	0.000295238	0.244383	-4.09194
cg10526431	PDCD1	0.0141703	0.925066	1.0546	1.0546	0.0539564	3.44285	3.44285	0.12156	2.58182	2.58182	0.963249	1.02638	1.02638	0.000620046	0.0509704	-19.6192
cg07281781	PDCD1	0.0201036	0.9614	0.989766	-1.01034	0.00203932	2.5197	2.5197	0.349777	1.22699	1.22699	0.35144	0.815609	-1.22608	0.0127202	0.517866	-1.931
cg09031938	PDCD1	0.0346787	0.175467	0.790563	-1.26492	0.329036	0.84847	-1.17859	0.766812	0.952649	-1.04971	0.301731	1.19068	1.19068	0.490404	0.892015	-1.12106
cg25798782	PDCD1	0.0364523	0.016237	0.384465	-2.60102	0.325923	0.719049	-1.39073	0.0889267	0.543295	-1.84062	0.518666	1.23709	1.23709	0.00182108	0.236698	-4.2248
cg11532131	PDCD1	0.0423779	0.172553	0.751334	-1.33097	0.306469	0.811791	-1.23184	0.49611	0.872757	-1.14579	0.326019	1.22105	1.22105	0.0197088	0.574244	-1.74142
cg02122525	PDCD1	0.045424	0.235165	1.39468	1.39468	0.737622	1.09406	1.09406	0.886272	0.96246	-1.039	0.674224	1.11967	1.11967	0.957066	0.985709	-1.0145
cg14453145	PDCD1	0.0473255	0.810533	1.04725	1.04725	0.0537974	0.656467	-1.52331	0.0428551	0.638889	-1.56522	0.240584	1.26638	1.26638	0.524559	1.13196	1.13196
cg06323427	PDCD10;PDCD10;PDCD10;PDCD10;SERPINI1;SERPINI1	0.00731726	0.77437	0.94401	-1.05931	0.37078	0.831738	-1.2023	0.0104557	1.90814	1.90814	0.0146802	0.547603	-1.82614	0.108515	0.704019	-1.42042
cg07056556	PDCD10;PDCD10;PDCD10;SERPINI1;SERPINI1	0.00730998	0.00980663	0.692844	-1.44333	0.141812	1.19426	1.19426	0.000405761	1.88077	1.88077	0.346029	1.11524	1.11524	0.779366	1.03207	1.03207
cg23731212	PDCD10;PDCD10;SERPINI1;PDCD10;SERPINI1	0.0108152	0.325938	0.668501	-1.49588	0.394921	1.41335	1.41335	0.0862576	2.12241	2.12241	0.522335	0.773017	-1.29363	0.00259093	0.190609	-5.24635
cg15442534	PDCD10;PDCD10;SERPINI1;PDCD10;SERPINI1	0.0207716	0.344003	1.13566	1.13566	0.0129618	1.49554	1.49554	0.0606752	1.31786	1.31786	0.763294	0.961348	-1.04021	0.407877	1.11682	1.11682
cg17660682	PDCD10;PDCD10;SERPINI1;PDCD10;SERPINI1	0.045631	0.946893	1.01704	1.01704	0.296703	0.76001	-1.31577	0.488418	1.19545	1.19545	0.248596	1.35785	1.35785	0.740451	0.919139	-1.08797
cg18128437	PDCD10;SERPINI1;PDCD10;SERPINI1;PDCD10	0.0130474	0.242694	1.12425	1.12425	0.348257	1.09692	1.09692	0.869004	0.984313	-1.01594	0.525193	1.06361	1.06361	0.174142	1.14853	1.14853
cg18729704	PDCD11	0.0180619	0.00761131	0.483995	-2.06614	0.0427339	0.610648	-1.6376	0.00199396	0.397363	-2.51659	0.267421	0.783254	-1.27673	0.145792	0.718763	-1.39128
cg07867052	PDCD11;USMG5	0.000947124	0.0260036	0.745825	-1.3408	0.219249	1.15419	1.15419	0.145183	1.18962	1.18962	0.0311509	0.75523	-1.3241	0.551052	0.935244	-1.06924
cg03269171	PDCD11;USMG5	0.0125306	0.114829	1.13931	1.13931	0.30607	0.922564	-1.08394	0.0212535	0.810097	-1.23442	0.334115	1.07871	1.07871	0.0520965	1.183	1.183
cg07086898	PDCD11;USMG5	0.0282446	0.0745321	0.787297	-1.27017	0.138811	1.21143	1.21143	0.0787594	1.26491	1.26491	0.175895	0.840942	-1.18914	0.616246	1.06271	1.06271
cg16742925	PDCD11;USMG5	0.0423114	0.0125404	0.187553	-5.33183	0.200963	2.07088	2.07088	0.00540279	7.19732	7.19732	0.85161	1.1062	1.1062	0.930103	1.04842	1.04842
cg14351952	PDCD1LG2	0.000108063	0.000274519	0.281157	-3.55673	3.35E-05	0.180399	-5.54328	0.000183571	0.260223	-3.84285	0.0484532	0.61875	-1.61616	8.27E-05	0.22103	-4.52427
cg14133064	PDCD1LG2	0.00270856	0.00405239	0.214761	-4.65635	0.00395995	0.213395	-4.68615	0.00333694	0.203458	-4.91501	0.0255468	0.347291	-2.87943	0.00391578	0.212733	-4.70073
cg14374994	PDCD1LG2	0.00299722	0.00491582	2.67558	2.67558	0.281396	0.744018	-1.34405	0.712242	0.906785	-1.1028	0.964152	1.01194	1.01194	0.000985078	0.27427	-3.64604
cg14440664	PDCD1LG2	0.0143685	0.0309714	0.369017	-2.7099	0.0369586	0.385358	-2.59499	0.00697179	0.253165	-3.94999	0.0057982	0.241127	-4.14719	0.0131699	0.298269	-3.35267
cg18651821	PDCD2;PDCD2	0.00160256	0.419941	0.832672	-1.20095	0.21593	0.748714	-1.33562	7.74E-05	4.90572	4.90572	0.0633919	0.628819	-1.59028	0.00319382	0.408774	-2.44634
cg10044549	PDCD2;PDCD2	0.00704187	0.81742	1.03626	1.03626	0.181748	0.803864	-1.24399	0.946413	0.989701	-1.01041	0.0283776	1.48963	1.48963	0.179329	1.24569	1.24569
cg14139125	PDCD2;PDCD2	0.0137554	0.700339	1.06583	1.06583	0.308652	1.18971	1.18971	0.0325612	1.51047	1.51047	0.262735	0.824895	-1.21228	0.00900043	0.578385	-1.72895
cg12496673	PDCD2;PDCD2	0.0158998	0.32211	0.694782	-1.4393	0.607533	1.20254	1.20254	0.850658	0.935097	-1.06941	0.651051	1.17599	1.17599	0.00106414	0.178635	-5.59799
cg23350446	PDCD2;PDCD2	0.0191903	0.259566	0.880276	-1.13601	0.00113899	1.68009	1.68009	0.0174513	1.36855	1.36855	0.213625	1.15256	1.15256	0.494303	1.07816	1.07816
cg01783362	PDCD2;PDCD2;PDCD2;PDCD2	0.0095522	0.0847542	1.3974	1.3974	0.173224	1.28965	1.28965	0.517713	1.122	1.122	0.00261892	0.481239	-2.07797	0.84099	0.965355	-1.03589
cg15027466	PDCD2;PDCD2;PDCD2;PDCD2	0.0274879	0.0840107	0.740543	-1.35036	0.504152	1.11237	1.11237	0.978966	0.995867	-1.00415	0.531881	0.905306	-1.1046	0.0319446	1.48425	1.48425
cg26788107	PDCD2L	0.00599634	0.0711163	0.67978	-1.47106	0.0205357	1.70626	1.70626	0.529027	0.885058	-1.12987	0.3635	1.19578	1.19578	0.00432128	0.48173	-2.07585
cg14540397	PDCD2L	0.00873525	0.806035	1.03453	1.03453	0.00296506	0.569592	-1.75564	0.094059	0.775642	-1.28925	0.0693505	1.32364	1.32364	0.135359	1.24874	1.24874
cg10006515	PDCD2L	0.0136511	0.278837	0.760203	-1.31544	0.00111004	3.22214	3.22214	0.108679	1.53119	1.53119	0.747234	1.08192	1.08192	0.0607369	0.597619	-1.67331
cg01610561	PDCD2L	0.0227898	0.451547	0.903275	-1.10708	0.546073	1.0844	1.0844	0.000508968	2.05471	2.05471	0.808852	1.03266	1.03266	0.369651	1.12997	1.12997
cg26881277	PDCD4;PDCD4	0.00333953	0.000895194	0.416885	-2.39874	0.0815105	1.40453	1.40453	0.611279	1.09437	1.09437	0.844061	0.965944	-1.03526	0.100219	0.728432	-1.37281
cg09731288	PDCD4;PDCD4	0.0266528	0.0793298	0.802984	-1.24535	0.00775823	1.46988	1.46988	0.161188	0.844868	-1.18362	0.599303	1.06154	1.06154	0.0262963	0.743147	-1.34563
cg05999324	PDCD4;PDCD4	0.0367292	0.46697	0.714696	-1.3992	0.09419	0.433873	-2.30482	0.95867	0.976757	-1.0238	0.277657	1.66915	1.66915	0.00164471	0.129354	-7.73075
cg20149493	PDCD5	0.00118948	0.179567	0.918518	-1.08871	0.455341	1.04638	1.04638	0.0792938	1.12317	1.12317	0.942217	0.995687	-1.00433	0.0130078	1.20171	1.20171
cg24704151	PDCD5	0.00259704	0.311953	1.17257	1.17257	0.000938333	0.471791	-2.11958	0.0450931	0.704744	-1.41895	0.218594	1.21767	1.21767	0.0112963	1.62074	1.62074
cg06310844	PDCD5	0.00325162	0.819821	0.973199	-1.02754	0.00582006	0.650486	-1.53731	0.0434888	0.758469	-1.31845	0.225014	1.16386	1.16386	0.329344	1.12735	1.12735
cg16592713	PDCD5	0.0056506	0.179552	1.1636	1.1636	0.296279	0.891271	-1.12199	0.15334	0.85001	-1.17646	0.0132474	0.721592	-1.38582	0.000583624	0.568297	-1.75964
cg20508274	PDCD5	0.00780261	0.00562265	0.317594	-3.14868	0.0103054	0.360582	-2.7733	0.0160996	0.394823	-2.53278	0.895544	0.959397	-1.04232	0.00656266	0.328202	-3.0469
cg13320555	PDCD5	0.0242521	?	?	?	0.0859882	3.27418	3.27418	0.00859792	0.117029	-8.54491	0.0874418	0.307489	-3.25215	?	?	?
cg19030994	PDCD6	0.000662877	0.000288588	0.133071	-7.51476	0.661856	0.860659	-1.1619	0.70322	0.877642	-1.13942	0.187986	1.60915	1.60915	0.599912	1.19778	1.19778
cg07829469	PDCD6	0.00192966	0.906095	1.01969	1.01969	0.57107	0.909762	-1.09919	0.0834534	0.72867	-1.37236	0.0452707	0.684252	-1.46145	0.000158541	0.344042	-2.90662
cg18050722	PDCD6	0.00837833	0.0227392	4.43898	4.43898	0.0854365	2.82746	2.82746	0.0179007	4.82137	4.82137	0.0565963	3.25355	3.25355	0.0165506	0.201834	-4.95457
cg10988561	PDCD6	0.0187717	0.114374	1.71552	1.71552	0.0302995	2.22634	2.22634	0.0116148	2.69531	2.69531	0.1952	1.53818	1.53818	0.591397	0.843402	-1.18567
cg20990478	PDCD6	0.0255287	0.689559	1.10776	1.10776	0.0764589	1.65254	1.65254	0.0322246	1.89512	1.89512	0.788565	1.07091	1.07091	0.214324	0.716616	-1.39545
cg03840351	PDCD6	0.0394456	0.0465165	0.525785	-1.90192	0.0903272	1.6926	1.6926	0.207879	0.687679	-1.45417	0.868557	1.04781	1.04781	0.00381689	0.332908	-3.00384
cg21748578	PDCD6	0.0419554	0.0727724	4.16079	4.16079	0.347257	1.99242	1.99242	0.0807583	3.97241	3.97241	0.091782	3.75174	3.75174	0.299477	0.464914	-2.15094
cg13701615	PDCD6	0.044807	0.371841	0.82258	-1.21569	0.553764	1.13609	1.13609	0.742532	1.07274	1.07274	0.90951	1.02451	1.02451	0.600984	1.11896	1.11896
cg06047773	PDCD6;AHRR	0.0267857	0.400489	0.90432	-1.1058	0.190698	0.850504	-1.17577	0.000553172	0.534469	-1.87102	0.395007	0.903206	-1.10717	0.0914513	0.804767	-1.2426
cg07020407	PDCD6;PDCD6	0.00367417	0.460605	1.25674	1.25674	0.898573	0.96195	-1.03956	0.0764937	1.82109	1.82109	0.51608	1.22178	1.22178	0.240424	0.688054	-1.45338
cg05569176	PDCD6IP;PDCD6IP;PDCD6IP	1.08E-05	3.19E-05	0.2433	-4.11014	0.00105273	0.429227	-2.32977	0.0005761	0.394654	-2.53386	0.799015	1.04553	1.04553	0.026659	0.632297	-1.58154
cg04209425	PDCD6IP;PDCD6IP;PDCD6IP	0.00795458	0.328649	0.834472	-1.19836	0.576515	0.903693	-1.10657	0.489839	0.881701	-1.13417	0.941829	0.986987	-1.01318	0.564757	1.11012	1.11012
cg12260146	PDCD6IP;PDCD6IP;PDCD6IP	0.00836337	0.676598	0.979032	-1.02142	0.0158395	1.16103	1.16103	0.592837	1.02764	1.02764	0.061405	0.899008	-1.11234	0.00420872	0.823959	-1.21365
cg19126582	PDCD6IP;PDCD6IP;PDCD6IP	0.0211387	0.491092	1.05661	1.05661	0.0349197	0.824049	-1.21352	0.0287104	1.22524	1.22524	0.434076	1.06486	1.06486	0.118805	1.14259	1.14259
cg00115864	PDCD6IP;PDCD6IP;PDCD6IP	0.0249222	0.0135128	0.328184	-3.04707	0.413647	0.737433	-1.35606	0.610543	0.829283	-1.20586	0.231133	0.63269	-1.58055	0.00152893	0.189673	-5.27222
cg12941369	PDCD6IP;PDCD6IP;PDCD6IP	0.0299087	0.0270839	0.389059	-2.57031	0.302945	0.680476	-1.46956	0.458491	0.761598	-1.31303	0.952916	0.978923	-1.02153	0.00637925	0.277864	-3.59888
cg26444974	PDCD7	0.0133424	0.975262	1.00586	1.00586	0.354223	0.835626	-1.19671	0.246478	1.25651	1.25651	0.405323	1.17399	1.17399	0.436153	1.16146	1.16146
cg05031034	PDCD7	0.0167136	0.0871675	1.26334	1.26334	0.0274758	0.724163	-1.3809	0.391796	1.1147	1.1147	0.124333	1.22869	1.22869	0.0997718	0.799922	-1.25012
cg12858014	PDCD7	0.0169588	0.00276905	0.24721	-4.04514	0.464045	0.776963	-1.28706	0.468419	1.28378	1.28378	0.287076	0.687756	-1.454	0.025167	0.405891	-2.46372
cg02039712	PDCD7	0.0441745	0.0111634	0.295468	-3.38446	0.0441255	0.412087	-2.42667	0.482476	0.760613	-1.31473	0.975525	1.01183	1.01183	0.904411	0.954991	-1.04713
cg20390606	PDCL	0.00045491	4.57E-06	0.0201588	-49.6061	0.754094	0.889985	-1.12361	0.641588	0.840405	-1.1899	0.194768	0.60127	-1.66315	0.236221	0.63106	-1.58464
cg21917272	PDCL2	2.65E-05	0.178172	0.812931	-1.23012	0.00940698	0.620895	-1.61058	0.111141	0.777835	-1.28562	9.18E-05	0.363733	-2.74927	1.35E-06	0.167126	-5.98351
cg25953672	PDCL2	0.000610804	0.0286888	0.769805	-1.29903	0.00501831	0.686386	-1.45691	0.0164737	0.742993	-1.34591	0.765059	1.03085	1.03085	0.000186315	0.527527	-1.89564
cg18947527	PDCL2	0.00894706	0.115431	0.815061	-1.2269	0.00501419	0.641713	-1.55833	0.0239715	0.724839	-1.37962	0.475132	1.09065	1.09065	0.697971	0.954474	-1.0477
cg14679653	PDCL2;PDCL2	0.00793995	0.767493	1.03868	1.03868	0.071536	1.29379	1.29379	0.0435248	0.742962	-1.34596	0.0513728	0.752816	-1.32835	0.0809863	0.780627	-1.28102
cg00603512	PDCL3	0.00234853	0.000808405	0.682563	-1.46507	0.124966	1.13372	1.13372	0.00797581	1.29304	1.29304	0.230817	1.09965	1.09965	0.1812	1.11324	1.11324
cg23654767	PDCL3	0.00302185	0.0294059	0.532088	-1.87939	0.0160889	0.484588	-2.06361	0.000132114	0.195741	-5.10879	0.323458	0.778156	-1.28509	0.010948	0.455947	-2.19324
cg20824867	PDDC1	0.000139186	0.0415832	0.433219	-2.3083	0.466731	1.30172	1.30172	0.203351	1.61293	1.61293	0.115682	0.543984	-1.83829	4.61E-06	0.0236783	-42.2328
cg10418217	PDDC1	0.00435764	0.385822	1.07674	1.07674	0.0564796	0.835607	-1.19673	0.0213837	1.25857	1.25857	0.465724	1.06369	1.06369	0.002668	0.707901	-1.41263
cg04245829	PDDC1	0.0306144	0.512896	1.27404	1.27404	0.00252316	4.62062	4.62062	0.265682	1.52702	1.52702	0.90422	1.04491	1.04491	0.0159681	0.3407	-2.93513
cg26723355	PDE10A;PDE10A	7.41E-05	0.0245865	1.11486	1.11486	0.00532547	1.1608	1.1608	0.00133379	1.20856	1.20856	0.00142695	1.20606	1.20606	5.51E-06	0.659056	-1.51732
cg07508299	PDE10A;PDE10A	9.61E-05	0.000351949	0.0861683	-11.6052	0.000126615	0.0579405	-17.2591	0.00135668	0.137255	-7.28573	0.00496669	0.204374	-4.893	0.000828034	0.116555	-8.57966
cg23193497	PDE10A;PDE10A	0.000339562	0.000461239	0.0700244	-14.2807	5.25E-05	0.0260984	-38.3166	0.0294394	0.290225	-3.4456	0.016083	0.241485	-4.14104	0.00107092	0.0971661	-10.2917
cg24696967	PDE10A;PDE10A	0.00057936	7.95E-06	0.151362	-6.60667	0.952855	1.01148	1.01148	0.887328	0.972997	-1.02775	0.151062	0.742965	-1.34596	0.0615243	1.50185	1.50185
cg22623236	PDE10A;PDE10A	0.00325635	0.369691	0.85721	-1.16657	9.93E-05	0.314965	-3.17495	0.392574	0.863742	-1.15775	0.133908	1.31042	1.31042	0.126672	0.758579	-1.31825

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20249919	0.0808763	1.36622	1.36622	0.00355894	0.529031	-1.89025	0.201549	1.24286	1.24286	0.756744	0.951144	-1.05137	3.72388	1.53273	0.365863	1
cg10453419	0.300291	0.424733	-2.35442	0.0336495	0.138149	-7.23858	0.374297	0.483102	-2.06995	0.361774	0.473379	-2.11247	3.48676	35.1456	8.95976	1
cg19003958	0.00461485	1.94988	1.94988	0.168588	1.29678	1.29678	0.902718	1.0219	1.0219	0.231036	0.800464	-1.24928	3.4712	1.72527	0.4418	1
cg26772255	0.155746	0.4726	-2.11596	0.0566996	0.344925	-2.89918	0.175283	0.490997	-2.03667	0.0117319	0.211477	-4.72865	3.60361	13.8988	3.42836	1
cg25920207	0.34824	0.924177	-1.08204	8.75E-05	0.563145	-1.77574	0.870968	0.986815	-1.01336	0.138894	0.878039	-1.1389	9.04096	0.954569	0.0938514	1
cg09951485	0.047656	0.619134	-1.61516	0.00221972	0.403605	-2.47767	0.401206	0.833697	-1.19948	0.994097	1.00157	1.00157	4.41301	3.13181	0.630825	1
cg04554817	0.431339	0.7741	-1.29182	0.000581612	0.183419	-5.45201	0.00583095	0.31632	-3.16136	0.326377	0.723938	-1.38133	9.101	14.6509	1.43095	1
cg26047355	0.0475333	0.536436	-1.86416	0.0107782	0.41468	-2.4115	0.00793981	0.39245	-2.54809	0.685108	1.11854	1.11854	3.6089	4.31594	1.06304	1
cg26392328	0.0931513	0.479405	-2.08592	0.000317087	0.0981127	-10.1924	0.106706	0.496046	-2.01594	0.162985	0.552799	-1.80897	7.87843	19.7699	2.23055	1
cg09380069	0.469642	0.837338	-1.19426	0.0314384	0.543887	-1.83862	0.0560583	1.68581	1.68581	0.00768685	0.437523	-2.2856	6.60595	6.09331	0.819909	1
cg18181904	0.454035	0.932099	-1.07285	0.000947104	1.57526	1.57526	0.764062	0.972628	-1.02814	0.135567	1.15987	1.15987	5.53183	0.744747	0.119671	1
cg08386490	0.139697	0.716793	-1.3951	0.0013624	0.377604	-2.64828	0.665441	1.09543	1.09543	0.439672	1.17953	1.17953	3.99833	2.77961	0.617949	1
cg13948094	0.00703417	0.787427	-1.26996	0.32741	0.933008	-1.0718	0.143859	0.897892	-1.11372	0.00251118	0.74986	-1.33358	7.84981	0.584868	0.0662288	1
cg12850242	0.575026	1.13284	1.13284	0.00574985	0.450687	-2.21884	0.00538588	2.24059	2.24059	0.240678	1.31057	1.31057	7.45507	5.72401	0.682489	1
cg26572187	0.160443	0.703152	-1.42217	0.232884	0.745418	-1.34153	0.194712	0.72456	-1.38015	0.565619	0.872487	-1.14615	6.97139	6.09104	0.77664	1
cg06620837	0.737442	0.94902	-1.05372	0.57014	0.914619	-1.09335	0.943687	1.01105	1.01105	0.272934	0.837404	-1.19417	4.57393	1.75203	0.340485	1
cg08493904	0.295692	0.825099	-1.21198	0.0197485	1.6473	1.6473	0.0526294	0.676639	-1.47789	0.0125626	0.576757	-1.73383	4.4386	2.20963	0.442508	1
cg25589720	0.414873	1.14751	1.14751	0.000158714	0.344334	-2.90416	0.193206	1.25524	1.25524	0.0239209	1.56028	1.56028	9.01975	3.89373	0.383724	1
cg22281080	6.81E-05	0.18439	-5.42329	0.470254	1.18584	1.18584	0.436814	1.20209	1.20209	0.430795	1.20513	1.20513	8.44661	7.20279	0.757994	1
cg09838876	0.852395	1.0529	1.0529	0.000568459	0.228212	-4.38189	0.0293281	2.03488	2.03488	0.148754	1.53512	1.53512	6.20465	7.52714	1.07835	1
cg07792738	0.527219	1.45947	1.45947	?	?	?	0.000578339	0.0431865	-23.1554	0.750153	0.828161	-1.20749	6.0475	25.9468	4.90342	1
cg10504660	0.0540194	0.692381	-1.44429	0.0282426	1.54564	1.54564	0.00389662	1.92178	1.92178	0.0868597	1.37417	1.37417	3.88984	1.74062	0.397758	1
cg23223392	0.00885533	0.65522	-1.52621	0.0246862	1.40412	1.40412	0.217771	0.848298	-1.17883	0.137901	0.816504	-1.22473	3.78666	0.965655	0.22668	1
cg26569002	0.266874	0.76461	-1.30786	0.0727963	1.59102	1.59102	0.0208836	1.90604	1.90604	0.247549	0.755403	-1.3238	3.48542	2.97164	0.757859	1
cg07933176	0.0743843	1.45382	1.45382	0.00364486	0.476979	-2.09653	0.204179	0.777072	-1.28688	0.82352	1.04294	1.04294	3.39027	1.90237	0.49878	1
cg23828876	0.239554	0.692946	-1.44311	0.000121805	0.135583	-7.37554	0.544052	1.20068	1.20068	0.000215227	0.15886	-6.29483	16.7786	23.5721	1.24879	1
cg07641926	0.744119	1.08072	1.08072	0.0599466	1.65372	1.65372	0.820028	0.947422	-1.0555	0.432216	0.826978	-1.20922	13.9998	12.4554	0.790831	1
cg22221575	0.0414439	0.588686	-1.6987	0.0495719	0.603624	-1.65666	0.000260519	3.86963	3.86963	0.529944	0.866437	-1.15415	11.49	9.23863	0.714718	1
cg10606216	0.0369031	1.35581	1.35581	0.000106719	0.423716	-2.36007	0.566404	1.0755	1.0755	0.19953	1.18557	1.18557	10.2243	2.5541	0.222052	1
cg24526028	3.51E-05	0.0495293	-20.1901	0.755948	1.1244	1.1244	0.394029	1.38863	1.38863	0.492875	1.2994	1.2994	9.60377	21.5107	1.99095	1
cg05065603	0.0256591	0.229548	-4.35638	0.000944402	0.064716	-15.4521	0.391284	1.62854	1.62854	0.0166581	0.19729	-5.06867	7.72834	37.7319	4.3398	1
cg14470594	0.0529486	1.17115	1.17115	0.00263751	0.741612	-1.34841	0.285063	1.08302	1.08302	0.123627	1.12726	1.12726	6.08248	0.496995	0.0726304	1
cg20581632	0.047974	1.47132	1.47132	0.00568373	0.538151	-1.85822	0.144693	1.30681	1.30681	0.672455	0.929939	-1.07534	5.6214	2.59756	0.410742	1
cg14003467	0.143511	1.21962	1.21962	0.00151242	0.56148	-1.78101	0.945353	0.991379	-1.0087	0.197079	1.18796	1.18796	4.7256	1.19398	0.224589	1
cg20115827	0.136586	0.555638	-1.79973	0.0232901	0.370289	-2.70059	0.693424	1.15624	1.15624	0.0330981	0.401355	-2.49156	3.75709	7.98877	1.89006	1
cg04402371	0.107813	0.364233	-2.7455	0.211459	0.468757	-2.1333	0.209478	0.46705	-2.1411	0.454481	1.55038	1.55038	4.73701	24.8523	4.66348	1
cg02878966	0.0102051	2.10009	2.10009	0.811998	1.0561	1.0561	0.877234	0.965207	-1.03605	0.0663666	0.623942	-1.60271	4.39618	3.65387	0.738798	1
cg00550141	0.0187602	0.702042	-1.42442	0.0310853	0.730259	-1.36938	0.00163602	0.571011	-1.75128	0.00202046	0.582185	-1.71767	66.26	16.1933	0.217236	1
cg22731373	0.658353	1.17872	1.17872	0.364877	0.70892	-1.4106	0.132694	0.549121	-1.82109	0.566159	0.807123	-1.23897	4.27296	9.2388	1.92192	1
cg02917110	0.00341997	0.557442	-1.79391	0.52698	0.910121	-1.09876	0.218753	0.826919	-1.20931	0.431031	1.12534	1.12534	6.45945	2.20842	0.303901	1
cg17614564	0.0686651	2.13312	2.13312	0.590536	1.2198	1.2198	0.145759	1.78027	1.78027	0.351209	1.42189	1.42189	3.87648	7.12713	1.60874	1
cg19573490	0.0196035	0.243876	-4.10045	0.092668	0.396186	-2.52407	0.104196	0.411119	-2.43239	0.0491465	0.32506	-3.07635	3.54145	14.0439	3.52495	1
cg01618928	0.1736	1.20725	1.20725	0.0248373	1.41549	1.41549	0.927053	1.01198	1.01198	0.217315	1.18395	1.18395	3.39638	0.910358	0.238256	1
cg01499001	0.353553	1.27007	1.27007	0.00707522	0.41824	-2.39097	0.908074	0.971484	-1.02935	0.0500763	0.571466	-1.74989	7.49992	7.45104	0.883096	1
cg19420101	0.00050265	0.265565	-3.76555	0.242125	0.742025	-1.34766	0.373989	1.24909	1.24909	0.0138284	0.476408	-2.09904	6.5905	6.20013	0.836237	1
cg21006425	0.0061263	0.316914	-3.15543	0.00117651	0.216677	-4.61517	0.157758	0.615543	-1.62458	0.012138	0.366277	-2.73017	6.38829	10.4423	1.45298	1
cg12723191	0.984227	1.00404	1.00404	0.00138732	2.57096	2.57096	0.172149	1.34459	1.34459	0.0556303	1.55561	1.55561	7.91227	5.20162	0.584366	1
cg05709437	0.0500263	0.412895	-2.42192	0.0295973	0.36284	-2.75604	0.853658	1.07582	1.07582	0.0105169	0.279634	-3.5761	4.59782	11.409	2.20569	1
cg11573123	0.520894	1.09778	1.09778	0.00479211	1.71041	1.71041	0.488728	0.904079	-1.1061	0.192989	0.820765	-1.21838	7.37134	2.39974	0.289378	1
cg03903296	0.631621	1.07311	1.07311	0.000422033	2.26167	2.26167	0.56372	1.089	1.089	0.029011	0.686635	-1.45638	11.0595	3.73739	0.300387	1
cg01632474	0.0075887	1.46602	1.46602	0.0258088	1.34297	1.34297	0.327675	0.89354	-1.11914	0.00126962	0.592235	-1.68852	9.62247	1.89151	0.174731	1
cg20601192	0.23771	1.23462	1.23462	0.42779	0.871138	-1.14792	0.836792	1.03577	1.03577	0.429281	0.871541	-1.14739	7.64524	3.51576	0.408767	1
cg09319815	0.998942	1.0006	1.0006	0.520425	1.34016	1.34016	0.0709396	0.403834	-2.47626	0.949245	1.02902	1.02902	6.39359	20.4533	2.84359	1
cg27051683	0.859091	0.967264	-1.03384	0.000534032	0.364388	-2.74433	0.187214	0.769648	-1.2993	0.201853	1.28713	1.28713	5.60471	3.11403	0.493875	1
cg04789125	0.175557	0.70873	-1.41098	0.194318	0.720221	-1.38846	0.997336	1.0008	1.0008	0.319968	0.782207	-1.27843	5.28893	4.78549	0.804278	1
cg10526431	0.933035	1.04864	1.04864	0.924226	1.05523	1.05523	0.0451498	0.272852	-3.66499	0.528339	0.696979	-1.43476	5.27885	26.6978	4.49556	1
cg07281781	0.90223	1.02646	1.02646	0.0621464	1.56256	1.56256	0.278824	0.787161	-1.27039	0.792886	1.05752	1.05752	4.69631	3.35996	0.635952	1
cg09031938	0.218683	1.23495	1.23495	0.00102435	2.21218	2.21218	0.845155	0.968608	-1.03241	0.961394	0.992135	-1.00793	3.88005	1.63509	0.374585	1
cg25798782	0.251419	0.677297	-1.47646	0.204059	0.646706	-1.5463	0.524897	0.810976	-1.23308	0.0621359	0.505152	-1.9796	3.8105	6.38147	1.48863	1
cg11532131	0.274136	1.2512	1.2512	0.00596929	2.02967	2.02967	0.557613	1.12389	1.12389	0.656295	0.915567	-1.09222	3.60533	2.2146	0.546008	1
cg02122525	0.031815	1.95958	1.95958	0.00407222	2.80359	2.80359	0.0171306	2.17458	2.17458	0.0476822	1.83209	1.83209	3.51316	3.97744	1.00636	1
cg14453145	0.0758618	1.46194	1.46194	0.0165683	1.75519	1.75519	0.239941	1.26683	1.26683	0.243438	1.26441	1.26441	3.4594	2.02434	0.520153	1
cg06323427	0.445957	1.16853	1.16853	0.00104398	0.378018	-2.64538	0.202159	0.76341	-1.30991	0.131826	1.38552	1.38552	6.52418	4.15248	0.565756	1
cg07056556	0.891643	1.01544	1.01544	0.0709038	0.797086	-1.25457	0.366913	1.1098	1.1098	0.788647	1.03066	1.03066	6.52622	1.30565	0.177833	1
cg23731212	0.331117	0.671558	-1.48907	0.00317774	0.201931	-4.9522	0.713401	1.15774	1.15774	0.0509723	2.41741	2.41741	5.76388	14.3917	2.21944	1
cg15442534	0.547426	1.0827	1.0827	0.00487345	0.614416	-1.62756	0.374514	0.887841	-1.12633	0.0363154	1.37387	1.37387	4.64433	1.25288	0.239791	1
cg17660682	0.844803	0.951505	-1.05097	0.000999126	0.289525	-3.45393	0.247378	0.735825	-1.35902	0.745697	0.920775	-1.08604	3.50718	3.57344	0.905682	1
cg18128437	0.286195	1.11193	1.11193	0.000300969	0.569462	-1.75604	0.926418	1.00889	1.00889	0.476223	1.07185	1.07185	5.42369	0.788176	0.129174	1
cg18729704	0.125545	0.704292	-1.41987	0.478305	1.16466	1.16466	0.617981	0.89914	-1.11217	0.00999215	0.502683	-1.98932	4.8695	3.44837	0.629473	1
cg07867052	0.341538	0.896928	-1.11492	3.59E-05	0.412953	-2.42158	0.0501516	1.28129	1.28129	0.00535652	0.665585	-1.50244	11.949	2.33138	0.173431	1
cg03269171	0.675617	1.03253	1.03253	0.00277987	0.730757	-1.36844	0.195914	1.10962	1.10962	0.0462103	1.18972	1.18972	5.49567	0.503496	0.0814373	1
cg07086898	0.05725	0.771886	-1.29553	0.00403233	0.628165	-1.59194	0.236026	0.861162	-1.16122	0.665628	1.05373	1.05373	4.17496	0.958089	0.203986	1
cg16742925	0.752667	1.18577	1.18577	0.271054	0.53923	-1.8545	0.306307	0.565033	-1.76981	0.982581	0.988302	-1.01184	3.60743	16.5978	4.08979	1
cg14351952	0.000863068	0.344726	-2.90086	0.00011061	0.23495	-4.25622	0.00209942	0.398006	-2.51253	0.00180405	0.388673	-2.57285	21.6858	15.5711	0.638252	1
cg14133064	0.106827	0.495711	-2.0173	0.000212365	0.0848421	-11.7866	0.154892	0.545085	-1.83457	0.0340143	0.372949	-2.68133	8.82114	22.1962	2.23667	1
cg14374994	0.692448	0.900324	-1.11071	0.00182071	3.2234	3.2234	0.0278668	1.98658	1.98658	0.448854	1.2261	1.2261	8.56051	9.45786	0.982066	1
cg14440664	0.0341371	0.377934	-2.64597	0.0078557	0.261198	-3.82851	0.0139486	0.302635	-3.30431	0.118271	0.512987	-1.94937	5.25477	12.8922	2.18082	1
cg18651821	0.260784	0.770562	-1.29775	0.0825349	0.65225	-1.53315	0.985299	1.0041	1.0041	0.924649	0.979197	-1.02124	10.2817	8.04138	0.695207	1
cg10044549	0.102052	1.31735	1.31735	0.000282788	0.401004	-2.49374	0.578625	1.09025	1.09025	0.355409	0.863796	-1.15768	6.60283	2.48071	0.333959	1
cg14139125	0.00550355	0.547923	-1.82507	0.27403	0.828911	-1.2064	0.788018	1.04543	1.04543	0.0318632	1.51384	1.51384	5.33065	2.29452	0.382613	1
cg12496673	0.0444389	0.439639	-2.27459	0.0862641	0.509275	-1.96357	0.584577	1.2172	1.2172	0.00597744	0.278213	-3.59436	5.08159	10.2012	1.78443	1
cg23350446	0.102921	0.824115	-1.21342	0.430612	1.09114	1.09114	0.169813	1.17181	1.17181	0.320044	1.11785	1.11785	4.77095	0.888284	0.165498	1
cg01783362	0.175161	0.7764	-1.288	0.00206125	2.14218	2.14218	0.966402	1.00742	1.00742	0.178047	1.28556	1.28556	5.99771	2.9266	0.433736	1
cg15027466	0.00327766	0.532807	-1.87685	0.0397419	0.688286	-1.45288	0.165761	0.792769	-1.2614	0.805266	1.03957	1.03957	4.21507	1.64777	0.347487	1
cg26788107	0.00264699	0.450982	-2.21738	0.0291904	0.611383	-1.63564	0.0368582	0.628639	-1.59074	0.225629	1.27588	1.27588	6.94047	4.02943	0.516063	1
cg14540397	0.416163	0.891643	-1.12152	0.00803429	1.59788	1.59788	0.0579743	0.743957	-1.34416	0.0710408	0.757058	-1.3209	6.1705	1.86132	0.268132	1
cg10006515	0.0865637	0.630677	-1.5856	0.12285	0.665606	-1.50239	0.161309	0.694718	-1.43943	0.731789	1.08738	1.08738	5.34399	5.01809	0.834681	1
cg01610561	0.602901	0.932758	-1.07209	0.454189	0.903831	-1.1064	0.185084	1.20491	1.20491	0.227535	0.845348	-1.18294	4.49907	1.25335	0.247627	1
cg26881277	0.418363	1.15661	1.15661	0.994987	1.00111	1.00111	0.00064918	0.398459	-2.50967	0.0426147	1.50787	1.50787	8.28928	4.06386	0.435783	1
cg09731288	0.3369	1.118	1.118	0.635731	0.947666	-1.05522	0.0385075	1.31004	1.31004	0.478509	0.922039	-1.08455	4.26095	0.856415	0.178659	1
cg05999324	0.109595	0.453127	-2.20689	0.109864	0.453446	-2.20533	0.313991	1.60406	1.60406	0.857267	1.08513	1.08513	3.80002	12.3934	2.89903	1
cg20149493	0.00826429	1.22308	1.22308	0.00114216	0.751867	-1.33002	0.000283435	0.702138	-1.42422	0.639334	1.02854	1.02854	11.1999	0.630599	0.050048	1
cg24704151	0.0106015	0.613142	-1.63094	0.557454	1.0945	1.0945	0.143755	0.787368	-1.27005	0.00233253	0.523687	-1.90954	8.93128	3.27637	0.326082	1
cg06310844	0.0659849	1.2784	1.2784	0.000581178	1.8842	1.8842	0.0081179	1.49715	1.49715	0.15192	1.20055	1.20055	8.35551	1.8763	0.199607	1
cg16592713	0.784177	0.971242	-1.02961	0.0469459	0.785276	-1.27344	0.0015891	0.617693	-1.61893	0.930115	1.00937	1.00937	7.06864	1.26473	0.159041	1
cg20508274	0.0473682	0.488764	-2.04598	0.00247355	0.265056	-3.77279	0.0199302	0.412068	-2.42678	0.0095623	0.355061	-2.81642	6.39417	10.0838	1.4018	1
cg13320555	?	?	?	?	?	?	0.146998	2.63374	2.63374	0.606372	1.37756	1.37756	5.34876	17.452	4.56793	1
cg19030994	0.17181	0.608975	-1.6421	0.00011151	0.0985959	-10.1424	0.378499	0.734854	-1.36081	0.000261483	0.129172	-7.7416	13.211	24.3259	1.63675	1
cg07829469	0.000455922	0.401634	-2.48983	0.0060253	0.552798	-1.80898	0.605708	0.917571	-1.08983	0.00702593	0.562286	-1.77846	9.74294	4.21129	0.384214	1
cg18050722	0.0160867	5.00388	5.00388	0.00376194	8.48161	8.48161	0.244945	1.94426	1.94426	0.463576	0.665086	-1.50356	6.25243	29.5921	4.20702	1
cg10988561	0.263121	1.44291	1.44291	0.00102166	4.62015	4.62015	0.0648265	1.91886	1.91886	0.804982	0.925197	-1.08085	4.80665	7.51948	1.39057	1
cg20990478	0.206456	1.40444	1.40444	0.00123768	3.33156	3.33156	0.0410247	1.82392	1.82392	0.499929	1.19069	1.19069	4.3256	4.45052	0.91456	1
cg03840351	0.0702844	0.565232	-1.76919	0.98193	0.993634	-1.00641	0.870451	1.0471	1.0471	0.115176	0.616949	-1.62088	3.7021	4.66172	1.1193	1
cg21748578	0.0423179	5.2896	5.2896	0.00987553	10.1985	10.1985	0.0128732	9.02265	9.02265	0.110159	3.45612	3.45612	3.61875	29.0762	7.14212	1
cg13701615	0.00353567	0.430725	-2.32167	0.146869	0.717746	-1.39325	0.0243231	1.77135	1.77135	0.675526	1.09381	1.09381	3.5312	2.53759	0.638773	1
cg06047773	0.800452	1.03004	1.03004	0.643643	1.05595	1.05595	0.215989	0.858844	-1.16436	0.0707141	0.789775	-1.26618	4.25353	0.920008	0.19226	1
cg07020407	0.0650519	0.532505	-1.87792	0.725056	0.898149	-1.1134	6.76E-05	9.19864	9.19864	0.874834	1.04912	1.04912	8.05572	11.8066	1.30277	1
cg05569176	0.622988	1.09033	1.09033	1.25E-06	0.113259	-8.82933	0.832591	0.963733	-1.03763	2.39E-06	0.135206	-7.39611	39.8034	19.2002	0.428778	1
cg04209425	0.405586	1.165	1.165	0.000851587	0.406722	-2.45868	0.178135	1.29278	1.29278	0.00224644	2.15488	2.15488	6.35552	3.24249	0.453497	1
cg12260146	0.90537	0.99401	-1.00603	0.00418402	0.823789	-1.2139	0.853553	0.990709	-1.00938	0.0393285	1.128	1.128	6.25595	0.252865	0.0359288	1
cg19126582	0.010287	0.775238	-1.28993	0.754356	0.975591	-1.02502	0.191427	0.896831	-1.11504	0.0353277	1.21283	1.21283	4.61664	0.453195	0.0872583	1
cg00115864	0.0237392	0.373894	-2.67455	0.808939	1.0923	1.0923	0.544767	0.799803	-1.25031	0.0271617	0.38558	-2.59349	4.36196	9.17595	1.86989	1
cg12941369	0.056879	0.459573	-2.17593	0.00337757	0.237374	-4.21276	0.043931	0.433733	-2.30556	0.523276	0.791851	-1.26286	4.09126	8.43345	1.8323	1
cg26444974	0.00113877	0.405912	-2.46359	0.00297606	0.463998	-2.15518	0.268672	0.804886	-1.24241	0.981729	1.00432	1.00432	5.38418	3.02692	0.499723	1
cg05031034	0.00413962	0.621392	-1.60929	0.212924	0.850145	-1.17627	0.0383257	0.743001	-1.34589	0.0883236	0.792365	-1.26204	4.99778	1.21241	0.215636	1
cg12858014	0.050472	0.470065	-2.12737	0.0179122	0.377457	-2.64931	0.00999723	0.332425	-3.0082	0.020974	0.390438	-2.56123	4.97352	9.03251	1.61433	1
cg02039712	0.181433	0.580528	-1.72257	0.0101509	0.288542	-3.4657	0.0414547	0.406006	-2.46302	0.0245993	0.358371	-2.79041	3.55002	8.26181	2.06868	1
cg20390606	0.580823	0.813133	-1.22981	0.248418	1.56441	1.56441	0.873065	1.0611	1.0611	0.132717	1.82521	1.82521	14.6696	31.9618	1.93668	1
cg21917272	0.0916108	0.764214	-1.30853	0.000696646	2.11456	2.11456	0.0254769	1.46867	1.46867	0.003094	0.556532	-1.79684	31.4592	10.4418	0.295036	1
cg25953672	0.0113624	1.37887	1.37887	0.00116612	1.62138	1.62138	0.436096	1.08388	1.08388	0.18519	1.15308	1.15308	13.5164	2.19996	0.144677	1
cg18947527	0.00720823	1.51343	1.51343	0.0334989	1.34555	1.34555	0.21205	0.854645	-1.17008	0.0932143	0.802001	-1.24688	6.12383	1.38469	0.200991	1
cg14679653	0.984069	1.00256	1.00256	0.000624364	1.96106	1.96106	0.912904	0.986093	-1.0141	0.139993	0.816074	-1.22538	6.3592	1.65011	0.230652	1
cg00603512	0.823846	1.01699	1.01699	0.213564	0.905764	-1.10404	0.585571	0.959246	-1.04249	0.000708772	1.47676	1.47676	9.19947	0.832041	0.080395	1
cg23654767	0.0105555	0.453292	-2.20609	0.0140583	0.474413	-2.10787	0.565489	1.1536	1.1536	0.012124	0.463422	-2.15786	8.53973	8.18189	0.851642	1
cg20824867	8.27E-05	0.0801087	-12.483	0.0471188	0.445357	-2.24539	0.670382	0.858617	-1.16466	0.217404	1.58728	1.58728	20.2611	40.6762	1.78453	1
cg10418217	0.210738	1.11592	1.11592	0.00155528	1.45983	1.45983	0.174577	0.886828	-1.12761	0.0751215	1.17919	1.17919	7.65193	0.838299	0.0973813	1
cg04245829	0.747357	0.888732	-1.1252	0.452522	1.32223	1.32223	0.305588	1.47281	1.47281	0.225843	0.628647	-1.59072	4.05748	8.55971	1.87521	1
cg26723355	0.0963046	1.07698	1.07698	0.00803579	1.14787	1.14787	0.313735	0.958571	-1.04322	0.0467347	1.09688	1.09688	23.9815	0.626388	0.0232175	1
cg07508299	0.000509434	0.0984912	-10.1532	1.35E-05	0.020486	-48.8139	0.00030432	0.0816445	-12.2482	0.00023396	0.0739072	-13.5305	22.3773	64.5953	2.56591	1
cg23193497	0.0101841	0.209499	-4.77329	0.000140774	0.0420213	-23.7975	0.000618798	0.0787385	-12.7003	0.0134085	0.228295	-4.38029	15.9009	58.5997	3.27583	1
cg24696967	0.104131	0.709579	-1.40929	0.115864	1.39098	1.39098	0.646596	1.09324	1.09324	0.961948	1.00925	1.00925	13.7171	8.10017	0.524904	1
cg22623236	0.0506007	1.45144	1.45144	0.341826	1.17798	1.17798	0.14429	0.769281	-1.29991	0.161226	1.28433	1.28433	8.35189	3.69975	0.393763	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00361017	PDE10A;PDE10A	0.00514314	0.0145712	0.431131	-2.31948	0.000500444	0.218217	-4.58259	0.0377443	0.509752	-1.96174	0.190564	0.678689	-1.47343	0.00464998	0.349027	-2.86511	0.0465953	0.528753	-1.89124	0.00516969	0.356168	-2.80767	0.00369241	0.333795	-2.99585	0.209163	0.690618	-1.44798	7.27558	9.01006	1.1008	1
cg01101997	PDE10A;PDE10A	0.00574038	0.803281	1.02657	1.02657	0.000309008	0.540593	-1.84982	0.0341542	0.771298	-1.29652	0.905723	1.01252	1.01252	0.379446	1.09935	1.09935	0.78104	1.02971	1.02971	0.0324009	1.301	1.301	0.236752	1.13909	1.13909	0.0622429	1.2467	1.2467	7.03443	1.22951	0.155364	1
cg00777627	PDE10A;PDE10A	0.00782856	0.690291	1.07328	1.07328	0.791298	1.04794	1.04794	0.217223	1.25765	1.25765	0.456373	0.874637	-1.14333	0.252921	0.809892	-1.23473	0.454	0.873996	-1.14417	0.000512816	0.383784	-2.60563	0.00747443	1.83696	1.83696	0.117583	1.35003	1.35003	6.38751	3.15423	0.438944	1
cg21429087	PDE10A;PDE10A	0.0175101	0.305282	0.890117	-1.12345	0.459065	1.08618	1.08618	0.00330001	1.551	1.551	0.659711	0.952574	-1.04979	0.380522	1.10366	1.10366	0.0753138	1.24251	1.24251	0.199496	1.16025	1.16025	0.0123175	0.710512	-1.40744	0.0864345	0.81246	-1.23083	4.92052	0.937016	0.169271	1
cg14222434	PDE10A;PDE10A	0.031782	0.0327607	0.208852	-4.78808	0.0808001	0.297004	-3.36696	0.172565	0.402444	-2.48482	0.422413	0.598225	-1.67161	0.23063	0.454541	-2.20002	0.411848	0.590905	-1.69232	0.002187	0.0675981	-14.7933	0.0108547	0.134586	-7.43018	0.0309781	0.204333	-4.89397	4.00366	24.9266	5.53419	1
cg25641223	PDE10A;PDE10A	0.0318285	0.0962909	0.587081	-1.70334	0.0575342	0.534503	-1.8709	0.0123909	0.403378	-2.47907	0.32009	0.741088	-1.34937	0.00813894	2.68566	2.68566	0.704355	0.894777	-1.1176	0.246362	0.702187	-1.42412	0.806091	1.07436	1.07436	0.587005	1.17346	1.17346	4.00156	5.39049	1.19742	1
cg08321824	PDE10A;PDE10A	0.0359753	0.178288	1.22549	1.22549	0.337961	1.15078	1.15078	0.340519	1.14988	1.14988	0.665115	0.939959	-1.06388	0.612803	1.07525	1.07525	0.00109238	0.504114	-1.98368	0.556583	0.918933	-1.08822	0.506061	0.908528	-1.10068	0.24234	0.840322	-1.19002	3.82879	1.22578	0.284576	1
cg04326854	PDE10A;PDE10A;PDE10A	0.00195571	0.206428	0.90672	-1.10288	0.065316	1.16419	1.16419	0.043749	1.18569	1.18569	0.178796	0.900367	-1.11066	0.00377235	0.750342	-1.33272	0.473171	0.947802	-1.05507	0.000858188	0.692214	-1.44464	0.00215439	1.37238	1.37238	0.271474	1.08776	1.08776	9.70499	0.829892	0.0760106	1
cg24133115	PDE10A;PDE10A;PDE10A;PDE10A	0.0258549	0.013575	0.766467	-1.30469	0.316373	1.0944	1.0944	0.588024	0.953489	-1.04878	0.430134	1.07265	1.07265	0.728065	0.970061	-1.03086	0.0454194	0.818872	-1.22119	0.36359	1.0847	1.0847	0.114864	1.16103	1.16103	0.00666269	1.35876	1.35876	4.30648	0.517207	0.106755	1
cg21488093	PDE11A	7.74E-05	0.186441	1.24976	1.24976	0.119167	1.30891	1.30891	0.0271592	0.659517	-1.51626	0.233722	1.21985	1.21985	9.79E-07	0.128607	-7.77561	0.108237	1.32171	1.32171	0.26059	1.20536	1.20536	0.159696	0.787286	-1.27019	0.525845	0.90274	-1.10774	23.7041	9.51229	0.356705	1
cg26389888	PDE11A	0.000171205	0.122925	1.38618	1.38618	0.0325353	0.613309	-1.6305	0.158608	0.744954	-1.34236	0.239042	1.27241	1.27241	0.00198996	0.426113	-2.3468	0.00197079	0.425522	-2.35006	6.25E-06	0.13908	-7.19009	0.0777267	1.46676	1.46676	0.00346578	0.460557	-2.17128	19.1608	11.5847	0.537427	1
cg10592563	PDE11A	0.00267376	0.618653	1.08971	1.08971	0.000272369	0.360087	-2.7771	0.000820502	0.421818	-2.37069	0.325828	0.840561	-1.18968	0.548402	1.10957	1.10957	0.567912	1.10388	1.10388	0.0614127	1.43445	1.43445	0.0277432	0.640561	-1.56113	0.719798	0.940192	-1.06361	8.8549	4.11054	0.412632	1
cg07211496	PDE11A	0.00407252	0.130039	0.698995	-1.43063	0.00470848	2.27605	2.27605	0.0619729	1.58445	1.58445	0.169628	0.725879	-1.37764	0.000613173	0.314919	-3.17542	0.20269	0.744896	-1.34247	0.0268385	0.563118	-1.77583	0.355681	0.812165	-1.23128	0.0910709	0.665257	-1.50318	7.81006	5.93162	0.675097	1
cg25954134	PDE11A	0.00547361	0.884688	0.967026	-1.0341	0.083959	1.55555	1.55555	0.0783935	0.636517	-1.57105	0.141523	0.694014	-1.44089	0.00051507	0.285855	-3.49827	0.169739	1.40203	1.40203	0.0107766	2.09625	2.09625	0.151782	1.42589	1.42589	0.578525	0.878392	-1.13844	7.13809	6.03514	0.751541	1
cg25207147	PDE11A	0.0380035	0.363222	1.27667	1.27667	0.126992	0.649582	-1.53945	0.00964112	0.424722	-2.35448	0.868314	0.957553	-1.04433	0.0383314	0.533997	-1.87267	0.439557	0.813787	-1.22882	0.0402237	1.85807	1.85807	0.221504	0.7147	-1.39919	0.0614411	0.576513	-1.73457	3.75301	4.06109	0.961858	1
cg05485206	PDE11A;PDE11A	0.000329611	0.659322	1.11338	1.11338	0.318621	1.28342	1.28342	3.25E-05	0.141471	-7.06858	0.000389448	0.25434	-3.93175	0.980729	1.00586	1.00586	?	?	?	0.498821	1.18083	1.18083	0.137994	0.679323	-1.47205	0.000481295	0.265595	-3.76514	16.4278	13.5542	0.825077	1
cg08213337	PDE11A;PDE11A	0.0126773	0.0446513	0.58306	-1.71509	0.14423	1.44351	1.44351	0.735304	0.923665	-1.08264	0.0394884	0.572737	-1.746	0.0557423	0.602163	-1.66068	0.00394406	0.40354	-2.47807	0.475379	1.18513	1.18513	0.0809058	1.57289	1.57289	0.0458409	1.70855	1.70855	5.47487	4.74828	0.770921	1
cg06496261	PDE11A;PDE11A	0.0277777	0.062187	1.69527	1.69527	0.560118	0.862322	-1.15966	0.566233	1.15693	1.15693	0.0281688	1.91877	1.91877	0.814046	1.06103	1.06103	0.909433	0.971797	-1.02902	0.00215435	0.338557	-2.95371	0.678301	0.900446	-1.11056	0.255046	0.741742	-1.34818	4.19955	4.20391	0.889811	1
cg19826873	PDE11A;PDE11A;PDE11A	1.51E-05	0.247284	0.776804	-1.28733	3.36E-05	0.18664	-5.35791	0.00247184	0.415346	-2.40763	1.13E-06	0.0713482	-14.0158	1.88E-05	0.162465	-6.15517	0.0769969	1.50766	1.50766	0.680231	0.917111	-1.09038	0.714927	0.926272	-1.0796	0.000132769	0.250704	-3.98877	36.4775	25.1833	0.61367	1
cg04686481	PDE11A;PDE11A;PDE11A	0.00223571	0.906026	1.02481	1.02481	0.339801	0.815327	-1.2265	0.000336056	0.301213	-3.31991	0.00028073	0.291541	-3.43005	0.0461336	0.622379	-1.60674	0.09365	0.682076	-1.46611	0.297963	1.25095	1.25095	0.183966	1.33978	1.33978	0.0639415	0.649131	-1.54052	9.33319	6.36609	0.606303	1
cg12462078	PDE11A;PDE11A;PDE11A	0.0172942	0.0327157	0.491966	-2.03266	0.00672229	0.368713	-2.71213	0.00285204	0.311737	-3.20784	0.856758	1.05263	1.05263	0.18945	0.673954	-1.48378	0.978058	1.00784	1.00784	0.335289	1.32587	1.32587	0.0984049	1.67286	1.67286	0.38105	0.774871	-1.29054	4.94103	6.30649	1.13453	1
cg26120787	PDE11A;PDE11A;PDE11A;PDE11A	0.00172204	0.129518	0.610088	-1.63911	0.191639	0.658988	-1.51748	0.429118	0.783861	-1.27574	0.42707	0.782978	-1.27718	0.000765532	0.214856	-4.65427	0.00116233	0.237159	-4.21658	0.000291571	0.168331	-5.94067	0.0347444	2.1013	2.1013	0.271194	0.707797	-1.41284	10.0702	14.5169	1.2814	1
cg05310760	PDE11A;PDE11A;PDE11A;PDE11A	0.00632599	0.018293	0.564645	-1.77102	0.509636	0.87503	-1.14282	0.171206	1.33745	1.33745	0.0730222	0.670952	-1.49042	0.46937	1.15825	1.15825	0.0937227	0.692213	-1.44464	0.935189	1.01636	1.01636	0.143773	1.36817	1.36817	0.000267362	0.303013	-3.30019	6.82656	4.30647	0.560747	1
cg11352430	PDE11A;PDE11A;PDE11A;PDE11A	0.0254597	0.0491343	0.728802	-1.37211	0.979914	1.00355	1.00355	0.00679434	0.610147	-1.63895	0.857498	0.975001	-1.02564	0.954609	0.992014	-1.00805	0.446627	1.11546	1.11546	0.00507119	1.68518	1.68518	0.732436	1.04953	1.04953	0.307237	1.16054	1.16054	4.32968	1.36053	0.279319	1
cg05034374	PDE11A;PDE11A;PDE11A;PDE11A	0.036913	0.484871	0.845975	-1.18207	0.226761	1.3486	1.3486	0.00176558	0.350059	-2.85666	0.298733	0.775833	-1.28894	0.10815	0.661627	-1.51143	0.288737	1.29632	1.29632	0.22188	1.35331	1.35331	0.467286	1.19042	1.19042	0.973317	0.992149	-1.00791	3.79311	3.33609	0.781788	1
cg10880995	PDE12	0.000397707	0.52736	0.933094	-1.0717	4.94E-05	2.27985	2.27985	0.00960226	0.70149	-1.42554	0.00626637	1.46984	1.46984	0.464586	1.08382	1.08382	0.00291235	0.642498	-1.55643	0.236317	0.874426	-1.14361	0.00434202	0.662221	-1.51007	0.457716	1.08521	1.08521	15.2243	2.81956	0.164623	1
cg02857273	PDE12	0.00122825	0.00427724	0.354215	-2.82315	0.000978433	0.264073	-3.78683	0.194082	0.688596	-1.45223	0.341428	0.766278	-1.30501	0.000313546	0.204629	-4.8869	0.0635768	1.76195	1.76195	0.000938244	0.26173	-3.82073	0.0113794	0.423023	-2.36394	0.0390387	0.522727	-1.91305	11.0978	12.9618	1.03819	1
cg09589688	PDE12	0.00128374	0.000117633	0.513215	-1.9485	0.00914181	1.38757	1.38757	0.00629311	1.42203	1.42203	0.975653	1.00302	1.00302	0.388558	1.09136	1.09136	0.447771	0.926313	-1.07955	0.210963	0.877751	-1.13928	0.0436209	0.794929	-1.25797	0.0372401	1.27027	1.27027	10.9585	1.69869	0.137788	1
cg14727205	PDE12	0.00203062	0.427791	0.702094	-1.42431	0.143128	0.502854	-1.98865	0.496146	0.739426	-1.3524	?	?	?	0.215221	0.56558	-1.7681	0.603325	0.795312	-1.25737	?	?	?	3.53E-05	0.0305536	-32.7294	0.692621	1.18955	1.18955	10.0956	23.7345	2.68683	1
cg27080765	PDE12	0.00691914	0.637876	0.964115	-1.03722	0.794623	1.02031	1.02031	0.882712	1.01144	1.01144	0.0575499	0.847421	-1.18005	0.224823	0.906396	-1.10327	0.469548	1.05836	1.05836	0.00023967	0.625827	-1.59788	0.0789205	0.86037	-1.16229	0.0308218	1.2159	1.2159	6.63912	0.62481	0.0836537	1
cg25628310	PDE12	0.0198347	0.708086	0.922819	-1.08364	0.00127529	0.366628	-2.72756	0.0368827	1.6781	1.6781	0.351318	1.22733	1.22733	0.574781	1.12868	1.12868	0.862013	1.03785	1.03785	0.0494749	0.619592	-1.61396	0.117341	0.695418	-1.43798	0.661062	0.910085	-1.0988	4.71784	3.40745	0.641998	1
cg02981092	PDE12	0.0276827	0.020209	0.159238	-6.27992	0.00734027	0.103607	-9.65182	0.290052	0.486578	-2.05517	0.229474	0.437261	-2.28696	0.00956978	0.116213	-8.60489	0.0461481	0.223378	-4.47671	0.0168528	0.147654	-6.7726	0.0226325	0.166874	-5.99254	0.0776105	0.276168	-3.62098	4.20462	28.6581	6.05855	1
cg00815179	PDE12	0.0444096	0.00708322	1.60695	1.60695	0.150593	0.810568	-1.2337	0.501477	1.09746	1.09746	0.354119	1.13878	1.13878	0.0352125	0.715786	-1.39707	0.51579	1.09398	1.09398	0.140235	0.80549	-1.24148	0.263315	1.17229	1.17229	0.386764	0.886087	-1.12856	3.54299	1.0427	0.2616	1
cg23661306	PDE12;PDE12	0.00398869	0.000345567	0.400233	-2.49854	0.0320145	1.49113	1.49113	0.389243	0.869078	-1.15065	0.316771	0.84824	-1.17891	0.0797307	0.733991	-1.36241	0.707152	0.941745	-1.06186	0.00845425	0.585828	-1.70699	0.035088	1.47764	1.47764	0.48324	1.11999	1.11999	7.8592	3.14813	0.356059	1
cg13611854	PDE12;PDE12	0.0156773	0.914601	0.963068	-1.03835	0.40147	0.739888	-1.35156	0.135136	1.75951	1.75951	0.0201838	0.374248	-2.67202	0.929694	0.969516	-1.03144	0.794999	1.09565	1.09565	0.000442989	0.142897	-6.99803	0.882813	0.949571	-1.05311	0.93439	1.02931	1.02931	5.10545	9.95142	1.7326	1
cg10518811	PDE1A	0.0484444	0.257524	0.706284	-1.41586	0.752318	1.09765	1.09765	0.832758	0.939666	-1.06421	0.198824	0.670598	-1.49121	0.00521323	0.337968	-2.95886	0.757761	1.09532	1.09532	0.0208353	2.26727	2.26727	0.253487	1.42044	1.42044	0.8798	1.04554	1.04554	3.429	4.70345	1.21926	1
cg15129265	PDE1A;PDE1A	0.00010356	0.442182	1.0838	1.0838	2.58E-05	0.42479	-2.3541	1.71E-05	0.404333	-2.47321	0.654463	0.954793	-1.04735	0.0879363	0.824164	-1.21335	0.0917882	1.21	1.21	0.017539	1.34558	1.34558	0.0537134	1.25225	1.25225	0.00825178	0.706865	-1.4147	21.9343	3.66316	0.14845	1
cg06676119	PDE1A;PDE1A	0.000531185	0.75396	1.05045	1.05045	0.00762525	1.71087	1.71087	0.0335537	1.47501	1.47501	0.907955	0.982058	-1.01827	2.22E-05	0.263783	-3.791	0.187513	0.803606	-1.24439	0.371145	1.15459	1.15459	0.0127962	1.6226	1.6226	0.0664528	0.724566	-1.38014	14.0525	5.45319	0.344942	1
cg06492024	PDE1A;PDE1A	0.00299885	0.0233949	0.522059	-1.91549	0.317132	0.780235	-1.28167	0.141966	0.684626	-1.46065	0.179504	0.710253	-1.40795	0.000142278	0.207139	-4.82767	0.00291296	0.374676	-2.66897	0.0361232	0.557206	-1.79467	0.57697	1.1448	1.1448	0.00310185	0.378703	-2.64059	8.55912	7.80626	0.810702	1
cg03135853	PDE1A;PDE1A	0.0105181	0.105851	1.91585	1.91585	0.0940846	1.96901	1.96901	0.28127	0.662203	-1.51011	0.371277	1.402	1.402	0.029825	0.390256	-2.56242	0.338114	1.43829	1.43829	0.00754261	3.54443	3.54443	0.00179743	5.12739	5.12739	0.0642016	2.15003	2.15003	5.81571	12.4784	1.90723	1
cg00470341	PDE1A;PDE1A	0.0180031	0.0187112	0.123277	-8.1118	0.00258934	0.0465577	-21.4787	0.0208307	0.129577	-7.71739	0.275493	0.434565	-2.30115	0.211905	0.380589	-2.62751	0.161268	0.333183	-3.00136	0.00466112	0.0630304	-15.8654	0.724074	1.29743	1.29743	0.0445385	0.183655	-5.44499	4.87484	41.6665	7.59755	1
cg07496624	PDE1A;PDE1A	0.0292462	0.929883	0.981122	-1.01924	0.0154159	0.525316	-1.90362	0.0461746	0.609747	-1.64003	0.954178	0.987633	-1.01252	0.165995	0.726229	-1.37698	0.00547114	0.453327	-2.20591	0.0528343	1.61058	1.61058	0.606492	1.11909	1.11909	0.339234	0.807904	-1.23777	4.12388	3.06287	0.660192	1
cg17054006	PDE1A;PDE1A	0.0299942	0.0381637	2.39587	2.39587	0.0551642	2.20458	2.20458	0.752286	1.12203	1.12203	0.409241	1.3592	1.3592	0.479991	0.770213	-1.29834	0.409451	0.73583	-1.35901	0.634614	0.840222	-1.19016	0.00142733	5.35225	5.35225	0.143152	1.7721	1.7721	4.08711	8.55901	1.86146	1
cg25754068	PDE1A;PDE1A	0.0345792	0.141081	0.536511	-1.86389	0.558435	1.26211	1.26211	0.205036	0.590961	-1.69216	0.0235155	0.345007	-2.89849	0.0154529	0.310745	-3.21807	0.33671	0.677302	-1.47645	0.00333828	0.207771	-4.81299	0.352905	0.686589	-1.45647	0.0383981	0.389179	-2.56951	3.88408	9.51887	2.17843	1
cg09416934	PDE1A;PDE1A	0.0452281	0.57096	0.788358	-1.26846	0.220431	0.585658	-1.70748	0.0158323	0.293038	-3.41253	0.335874	0.662259	-1.50998	0.0129182	0.277591	-3.60242	0.0228745	0.322813	-3.09777	0.0248088	0.329722	-3.03286	0.456923	0.730065	-1.36974	0.0179945	0.303119	-3.29903	3.51886	9.61126	2.42787	1
cg06793728	PDE1B	0.00759996	0.0530436	0.537831	-1.85932	0.00338763	3.07724	3.07724	0.693	0.894095	-1.11845	0.139264	0.638309	-1.56664	0.00556156	0.35788	-2.79423	0.364819	1.30045	1.30045	0.0106613	0.404245	-2.47375	0.0657427	0.558461	-1.79064	0.622508	1.15027	1.15027	6.4472	8.12723	1.12052	1
cg06860371	PDE1B	0.0434526	0.640219	1.16337	1.16337	0.0118298	2.74651	2.74651	0.257307	0.683841	-1.46233	0.500252	0.802554	-1.24602	0.491315	0.798748	-1.25196	0.173245	1.59335	1.59335	0.24222	0.674721	-1.48209	0.0115846	0.362515	-2.75851	0.291388	1.42182	1.42182	3.5719	5.84587	1.45478	1
cg07681579	PDE1B;PDE1B	6.77E-07	0.0177099	0.725933	-1.37754	8.56E-05	2.18914	2.18914	0.000274948	1.93785	1.93785	7.22E-05	0.448225	-2.23102	3.43E-07	5.15072	5.15072	6.01E-06	3.08697	3.08697	1.93E-05	0.381522	-2.62108	0.000656082	1.78569	1.78569	3.92E-06	3.29656	3.29656	80.987	15.8164	0.173596	1
cg00660843	PDE1B;PDE1B	1.15E-06	0.00129154	0.493985	-2.02435	8.82E-06	4.26438	4.26438	0.00135951	2.01252	2.01252	0.0016452	0.507723	-1.96958	1.02E-06	6.8784	6.8784	7.70E-05	2.93615	2.93615	6.00E-05	0.327671	-3.05184	0.00249662	1.88113	1.88113	1.14E-06	6.68307	6.68307	70.7929	25.3625	0.318457	1
cg15937109	PDE1B;PDE1B	1.51E-06	0.0169591	0.879836	-1.13657	8.23E-05	0.732068	-1.36599	2.82E-06	0.61066	-1.63757	0.252539	0.948812	-1.05395	3.32E-05	0.701846	-1.42481	0.000170117	1.32453	1.32453	3.39E-06	1.61841	1.61841	4.49E-06	0.628841	-1.59023	0.0512808	1.10249	1.10249	66.0249	2.02113	0.0272103	1
cg08816590	PDE1B;PDE1B	2.65E-06	0.105205	0.665181	-1.50335	0.000853185	3.17089	3.17089	0.547199	1.15061	1.15061	2.53E-05	0.145784	-6.85948	2.10E-06	14.6692	14.6692	1.20E-05	8.42676	8.42676	0.00615229	0.439065	-2.27757	3.33E-05	6.38345	6.38345	1.08E-05	8.6701	8.6701	57.1452	48.0023	0.746672	1
cg00706966	PDE1B;PDE1B	0.00021234	0.0297518	0.719819	-1.38924	0.25284	1.16591	1.16591	0.0150914	0.681263	-1.46786	0.00255982	0.584128	-1.71195	5.37E-05	0.379791	-2.63303	0.0396519	0.736561	-1.35766	0.131348	0.811112	-1.23288	1.03E-05	0.297205	-3.36468	0.228236	0.849984	-1.17649	18.0751	4.72854	0.232537	1
cg21821315	PDE1B;PDE1B	0.0295172	0.549737	1.16837	1.16837	0.0218998	0.493087	-2.02804	0.00400798	0.370027	-2.70251	0.889092	1.03653	1.03653	0.891535	1.0357	1.0357	0.676852	0.897844	-1.11378	0.00552942	0.391624	-2.55347	0.340526	0.776824	-1.28729	0.791879	1.07036	1.07036	4.11042	4.30336	0.930613	1
cg08688636	PDE1C	2.54E-05	0.123546	0.797184	-1.25442	0.468768	0.904691	-1.10535	0.521056	0.915407	-1.09241	0.334518	0.873502	-1.14482	3.29E-06	0.22445	-4.45533	0.63898	0.937812	-1.06631	0.00674867	1.61159	1.61159	2.26E-06	0.208181	-4.80352	0.0105097	0.645641	-1.54885	31.8185	9.30485	0.259942	1
cg04451579	PDE1C	0.000457891	0.521266	0.88459	-1.13047	0.703409	0.930388	-1.07482	0.172932	0.760659	-1.31465	0.528715	1.12794	1.12794	0.64136	0.915315	-1.09252	0.955582	1.01056	1.01056	0.0142989	1.76795	1.76795	6.16E-06	0.148329	-6.74175	0.0818881	0.69513	-1.43858	14.6432	8.25167	0.500904	1
cg09198448	PDE1C	0.00283325	0.975869	0.994469	-1.00556	0.392315	1.17432	1.17432	0.919216	0.98157	-1.01878	0.547722	1.11801	1.11801	0.402059	1.17029	1.17029	0.766424	0.946842	-1.05614	4.20E-05	0.239477	-4.17577	0.0713571	1.44668	1.44668	0.720614	1.06807	1.06807	8.7045	4.6351	0.473328	1
cg13298997	PDE1C	0.0376013	0.00764746	0.157641	-6.34351	0.0192107	0.217324	-4.60142	0.577487	0.738438	-1.35421	0.102406	0.381731	-2.61965	0.0200755	0.22061	-4.53289	0.645831	0.779323	-1.28316	0.571934	1.36035	1.36035	0.0411152	0.280902	-3.55996	0.0384853	0.274753	-3.63964	3.76763	17.3237	4.08714	1
cg03530393	PDE1C	0.0429264	0.537473	0.845436	-1.18282	0.77178	0.924773	-1.08135	0.00644973	0.385748	-2.59237	0.532872	0.843787	-1.18513	0.871138	0.957284	-1.04462	0.74689	0.916603	-1.09098	0.371668	1.27974	1.27974	0.00300675	0.334865	-2.98628	0.171792	0.676262	-1.47872	3.58814	4.10939	1.01802	1
cg23792978	PDE2A	0.0321843	0.0971282	0.553075	-1.80807	0.000954641	0.201647	-4.95916	0.0520059	0.48719	-2.05259	0.945914	1.02231	1.02231	0.203573	0.646272	-1.54734	0.604075	1.18551	1.18551	0.640635	1.16525	1.16525	0.183159	0.631638	-1.58318	0.925932	0.970206	-1.03071	3.98568	6.67941	1.48965	1
cg03673138	PDE2A	0.0493539	0.554618	0.848027	-1.17921	0.443113	0.805995	-1.2407	0.0102861	0.409869	-2.4398	0.999714	1.0001	1.0001	0.0355798	0.509273	-1.96358	0.186144	1.47197	1.47197	0.0563348	1.8149	1.8149	0.345798	1.30708	1.30708	0.210339	0.694838	-1.43918	3.40491	4.10237	1.07097	1
cg22646210	PDE2A;PDE2A	0.0107967	0.250982	0.664561	-1.50475	0.000185877	0.116481	-8.5851	0.0809505	0.517238	-1.93335	0.759764	1.11014	1.11014	0.154512	0.595002	-1.68067	0.231465	0.652083	-1.53355	0.158038	0.597988	-1.67227	0.025514	0.404864	-2.46996	0.965419	0.985339	-1.01488	5.76706	10.6008	1.63393	1
cg08182160	PDE2A;PDE2A	0.0289315	0.562682	0.929526	-1.07582	0.441096	1.10307	1.10307	0.0214758	1.41191	1.41191	0.676922	0.949022	-1.05372	0.0066077	0.64384	-1.55318	0.0149752	0.688308	-1.45284	0.779832	1.03561	1.03561	0.112948	0.806193	-1.2404	0.63299	0.941695	-1.06191	4.13969	1.02229	0.21951	1
cg20090066	PDE2A;PDE2A;PDE2A;MIR139;PDE2A	0.0290954	0.388123	0.55479	-1.80249	0.774093	1.21129	1.21129	0.37284	1.83929	1.83929	0.795663	0.841257	-1.1887	0.521565	0.648748	-1.54143	0.0259299	5.81878	5.81878	0.00213494	0.0564813	-17.705	0.116153	3.11834	3.11834	0.404085	1.7659	1.7659	4.13143	29.0296	6.24581	1
cg08408453	PDE2A;PDE2A;PDE2A;PDE2A	0.000285749	0.00500297	0.585247	-1.70868	0.000104375	0.371835	-2.68936	0.000222353	0.412016	-2.42709	0.758191	1.04555	1.04555	0.000211991	0.409454	-2.44228	0.0114629	0.633645	-1.57817	0.449538	0.89481	-1.11756	0.000133095	0.384649	-2.59977	0.0719264	0.748443	-1.33611	16.6706	5.49275	0.292877	1
cg02190350	PDE2A;PDE2A;PDE2A;PDE2A	0.00423062	0.0141786	3.21228	3.21228	0.00450847	4.30491	4.30491	0.0709733	2.17687	2.17687	0.0915821	2.04698	2.04698	0.568147	0.800543	-1.24915	0.00415105	4.40053	4.40053	0.0151201	0.316286	-3.16169	0.00335415	4.66019	4.66019	0.0869321	2.07298	2.07298	7.72073	18.1828	2.09339	1
cg14182841	PDE2A;PDE2A;PDE2A;PDE2A	0.00626917	0.00244772	0.521017	-1.91932	0.0284588	0.670376	-1.4917	0.0143956	0.627165	-1.59448	0.0468949	0.703395	-1.42168	0.054799	0.713996	-1.40057	0.160337	0.792967	-1.26109	0.000344278	0.410231	-2.43765	0.147625	0.786407	-1.27161	0.018613	0.643247	-1.55461	6.84566	2.59345	0.336752	1
cg18776207	PDE2A;PDE2A;PDE2A;PDE2A	0.00668592	0.00638975	0.22647	-4.41559	0.00442432	0.203983	-4.90236	0.0110668	0.263567	-3.79411	0.0167115	0.294465	-3.39599	0.0281502	0.337895	-2.9595	0.00854662	0.245565	-4.07224	0.00166491	0.152223	-6.5693	0.0125009	0.272412	-3.67091	0.0499187	0.392261	-2.54932	6.71034	18.6148	2.46581	1
cg12389545	PDE2A;PDE2A;PDE2A;PDE2A	0.0071551	0.380037	0.858188	-1.16525	0.292789	1.20365	1.20365	0.153606	1.29625	1.29625	0.127947	1.32247	1.32247	0.588032	1.09734	1.09734	0.205253	1.2548	1.2548	0.000180134	0.340704	-2.9351	0.712558	0.939088	-1.06486	0.462277	1.13552	1.13552	6.57004	3.00133	0.406063	1
cg21657876	PDE2A;PDE2A;PDE2A;PDE2A	0.00777689	0.291523	0.878957	-1.13771	0.0217651	0.722785	-1.38354	0.0225363	0.724655	-1.37997	0.284532	1.14002	1.14002	0.154507	0.835561	-1.1968	0.022259	1.38124	1.38124	0.9757	0.996416	-1.0036	0.0108311	1.45825	1.45825	0.00819171	1.49006	1.49006	6.40081	1.4087	0.195629	1
cg27419075	PDE2A;PDE2A;PDE2A;PDE2A	0.00945809	0.026297	2.08876	2.08876	0.00407621	2.93749	2.93749	0.960678	1.01388	1.01388	0.032111	2.01715	2.01715	0.0323636	0.496427	-2.01439	0.0025828	3.21388	3.21388	0.184089	1.48267	1.48267	0.126369	1.5876	1.5876	0.168836	1.50649	1.50649	6.01666	7.44489	1.09989	1
cg04972341	PDE2A;PDE2A;PDE2A;PDE2A	0.0117177	0.992479	1.00097	1.00097	0.356821	0.907283	-1.10219	0.268859	1.12551	1.12551	0.482717	1.076	1.076	0.278509	1.12265	1.12265	0.147326	1.17309	1.17309	0.000179261	1.9182	1.9182	0.287221	1.12014	1.12014	0.0602262	1.2431	1.2431	5.61668	0.937702	0.1484	1
cg24987622	PDE2A;PDE2A;PDE2A;PDE2A	0.0142057	0.00518403	0.321496	-3.11046	0.278717	0.707256	-1.41391	0.0264654	0.445232	-2.24602	0.238314	1.46205	1.46205	0.0141813	0.394306	-2.5361	0.068541	1.87207	1.87207	0.0195701	0.419973	-2.38111	0.529112	0.821946	-1.21662	0.458279	1.26145	1.26145	5.27453	7.90037	1.33141	1
cg16060204	PDE2A;PDE2A;PDE2A;PDE2A	0.024702	0.0346453	4.23109	4.23109	0.0748973	3.19546	3.19546	0.142851	2.51507	2.51507	0.100316	2.87015	2.87015	0.259615	1.99115	1.99115	0.0255573	4.72913	4.72913	0.00235419	12.0039	12.0039	0.00600008	8.19076	8.19076	0.0815571	3.09735	3.09735	4.37543	23.7674	4.82845	1
cg26268145	PDE2A;PDE2A;PDE2A;PDE2A	0.0254541	0.126376	2.81225	2.81225	0.00129723	18.7257	18.7257	0.180633	2.43241	2.43241	0.351682	1.82086	1.82086	0.328994	1.8775	1.8775	0.38343	1.74866	1.74866	0.166673	0.397729	-2.51428	0.011778	7.14911	7.14911	0.214472	2.26407	2.26407	4.33001	26.8121	5.50413	1
cg05952572	PDE2A;PDE2A;PDE2A;PDE2A	0.0265358	0.363704	1.63951	1.63951	0.0166067	4.70834	4.70834	0.038023	3.57462	3.57462	0.839015	1.11375	1.11375	0.435944	0.656416	-1.52342	0.114131	2.48494	2.48494	0.00718906	0.159178	-6.28226	0.128165	2.38944	2.38944	0.59263	0.751234	-1.33114	4.26752	18.9594	3.94909	1
cg00063703	PDE3A	0.000229848	0.569284	1.06125	1.06125	0.00123342	0.613679	-1.62952	0.000603714	0.578878	-1.72748	0.340222	1.10693	1.10693	0.73104	1.03631	1.03631	0.47921	0.928349	-1.07718	6.13E-06	0.351278	-2.84675	0.76019	1.03215	1.03215	0.587973	0.945031	-1.05817	17.6901	2.993	0.150391	1
cg26571814	PDE3A	0.00172417	0.162389	0.687762	-1.45399	0.0313132	0.530507	-1.88499	0.000569708	0.262044	-3.81615	0.0121724	0.456531	-2.19043	0.000345537	0.235747	-4.24183	0.0237984	0.508128	-1.96801	0.00279159	0.355501	-2.81293	0.3156	1.29744	1.29744	0.00469663	0.38948	-2.56753	10.0666	10.0407	0.886602	1
cg02631767	PDE3A	0.00535324	0.00401599	0.182379	-5.4831	0.128141	0.484774	-2.06282	0.00964652	0.23644	-4.2294	0.604601	0.794568	-1.25855	0.000536729	0.0933888	-10.7079	0.0828033	0.429275	-2.32951	0.00240326	0.155424	-6.43401	0.243615	0.584449	-1.71101	0.0157464	0.27179	-3.67931	7.18694	22.0596	2.72836	1
cg18639524	PDE3A	0.00629552	0.771794	1.0329	1.0329	0.0656152	0.794572	-1.25854	0.00275999	0.631555	-1.58339	0.000275818	0.51543	-1.94013	0.433362	0.914867	-1.09306	0.0107645	0.700049	-1.42847	0.38517	0.905662	-1.10416	0.598317	0.942549	-1.06095	0.900515	0.986177	-1.01402	6.83677	1.3412	0.174377	1
cg23752086	PDE3A	0.00937747	0.343444	1.06656	1.06656	0.00338357	0.768648	-1.30098	0.000782508	0.715057	-1.39849	0.830966	0.985985	-1.01421	0.0399671	0.854909	-1.16971	0.6541	1.03023	1.03023	0.967804	1.00267	1.00267	0.768861	1.01965	1.01965	0.245057	1.0836	1.0836	6.03308	0.416565	0.061375	1
cg12136731	PDE3A	0.0115449	0.0193604	0.355061	-2.81641	0.0362058	2.43957	2.43957	0.883111	0.947556	-1.05535	0.812988	0.916882	-1.09065	0.00569789	0.265104	-3.7721	0.116749	0.535791	-1.8664	0.00322698	0.229611	-4.3552	0.327103	1.44836	1.44836	0.206008	0.613572	-1.6298	5.64375	11.984	1.88748	1
cg09060449	PDE3A	0.0168609	0.429357	0.919929	-1.08704	0.885474	1.01502	1.01502	0.900904	0.987195	-1.01297	0.000527393	0.571969	-1.74835	0.709762	1.03943	1.03943	0.851152	0.980754	-1.01962	0.233397	1.13798	1.13798	0.038829	1.28078	1.28078	0.275273	0.889211	-1.12459	4.98315	0.844645	0.150667	1
cg21913301	PDE3A	0.0178219	0.0139167	0.335569	-2.98001	0.474498	0.769976	-1.29874	0.0943748	0.516404	-1.93647	0.45956	0.762898	-1.31079	0.00257693	0.222749	-4.48936	0.0575533	0.46215	-2.1638	0.00243288	0.219459	-4.55665	0.716149	0.877007	-1.14024	0.0656567	0.475959	-2.10102	4.89145	10.0063	1.81837	1
cg23015991	PDE3A	0.0404609	0.385997	0.675167	-1.48111	0.326585	1.56463	1.56463	0.216188	0.562568	-1.77756	0.212905	0.560004	-1.7857	0.00509218	0.194698	-5.13616	0.0477738	0.367744	-2.71928	0.110034	0.463072	-2.15949	0.096135	2.24251	2.24251	0.101566	0.452813	-2.20842	3.66762	11.3474	2.75017	1
cg01047904	PDE3A	0.0412159	0.894911	0.942064	-1.0615	0.533901	0.752383	-1.32911	0.876863	1.07253	1.07253	0.0782379	0.413332	-2.41936	0.861007	1.08236	1.08236	0.88971	1.06466	1.06466	0.000750204	0.0993488	-10.0655	0.953515	1.02668	1.02668	0.830632	1.10156	1.10156	3.64266	11.7653	2.871	1
cg25928521	PDE3B	1.90E-05	0.02382	1.32821	1.32821	3.83E-06	0.321751	-3.10799	7.51E-06	0.354617	-2.81995	0.215262	1.14713	1.14713	0.0188812	1.34885	1.34885	0.102072	1.2072	1.2072	0.000847708	1.69527	1.69527	0.463434	1.0817	1.0817	0.0344501	0.771392	-1.29636	34.306	6.01665	0.155895	1
cg12177909	PDE3B	0.000331779	8.35E-05	0.123195	-8.11721	0.018071	0.427734	-2.3379	0.537129	0.831255	-1.203	0.000231889	0.164162	-6.09154	0.000740759	0.219758	-4.55047	0.379025	0.765744	-1.30592	0.000125797	0.138764	-7.20649	0.747442	0.908871	-1.10027	0.0023826	0.285802	-3.49892	16.0024	22.1673	1.23133	1
cg06297470	PDE3B	0.00072793	0.000241768	0.30586	-3.26947	0.0123663	0.544676	-1.83595	0.057196	1.52158	1.52158	0.847571	1.03826	1.03826	0.000209124	0.298145	-3.35407	0.00602445	0.496573	-2.0138	0.0845526	0.689215	-1.45093	0.000994497	0.385161	-2.59632	0.125416	0.723569	-1.38204	12.869	7.75728	0.535812	1
cg16356630	PDE3B	0.00917826	0.0244696	0.600775	-1.66452	0.0532244	0.658684	-1.51818	0.0101383	0.539811	-1.8525	0.0791164	0.690326	-1.44859	0.000941859	0.391497	-2.5543	0.092394	0.703209	-1.42205	0.289771	0.811495	-1.23229	0.220607	0.782853	-1.27738	0.00155033	0.42098	-2.37541	6.07442	3.47671	0.508757	1
cg13512333	PDE3B	0.0259589	0.0029461	0.698318	-1.43201	0.106217	0.856277	-1.16785	0.714834	0.968242	-1.0328	0.0339187	0.804301	-1.24332	0.0974657	0.852197	-1.17344	0.366978	0.921725	-1.08492	0.12239	1.15863	1.15863	0.111231	1.16485	1.16485	0.254668	0.900683	-1.11027	4.30045	0.526827	0.108893	1
cg27389255	PDE3B;PSMA1	0.0112023	0.137791	0.680567	-1.46936	0.677626	1.10591	1.10591	0.0302342	0.541427	-1.84697	0.859675	0.958284	-1.04353	0.00119262	0.318603	-3.1387	0.608762	1.13237	1.13237	0.0367186	1.7939	1.7939	0.0740269	1.61516	1.61516	0.106836	0.654462	-1.52797	5.69894	5.23369	0.816322	1
cg05532892	PDE3B;PSMA1	0.0131118	0.192094	0.830098	-1.20468	0.228534	0.843298	-1.18582	0.19843	0.832525	-1.20116	0.249059	1.17642	1.17642	0.21491	0.838567	-1.19251	0.0426304	0.729952	-1.36995	0.000725593	0.499978	-2.00009	0.0174177	0.676775	-1.4776	0.187669	1.2072	1.2072	5.41498	1.55978	0.256044	1
cg27143049	PDE3B;PSMA1;PDE3B	0.00221286	0.971351	1.00922	1.00922	0.000361942	0.231823	-4.31363	0.000895029	0.280454	-3.56565	0.743523	0.919492	-1.08756	0.994589	0.998268	-1.00174	0.926369	1.02391	1.02391	0.0151443	2.14441	2.14441	0.0109385	0.441994	-2.26247	0.067413	0.592207	-1.6886	9.36131	9.68951	0.920052	1
cg21901307	PDE3B;PSMA1;PSMA1	0.0199805	0.0739195	0.738403	-1.35427	0.169716	1.24943	1.24943	0.0297873	1.47601	1.47601	0.00649172	1.71371	1.71371	0.0843346	0.747727	-1.33739	0.49476	1.11133	1.11133	0.0309555	0.679985	-1.47062	0.963226	0.993005	-1.00704	0.65832	0.934484	-1.07011	4.70612	1.72773	0.326332	1
cg12186909	PDE4A	0.0157332	0.648209	0.849587	-1.17704	0.0718912	0.490177	-2.04008	0.0155042	0.348683	-2.86793	0.308243	1.45388	1.45388	0.00708643	0.290931	-3.43725	0.934702	0.971341	-1.0295	0.198354	0.617313	-1.61992	0.00126505	0.188332	-5.30977	0.590124	0.824508	-1.21284	5.09941	10.1698	1.77272	1
cg19599410	PDE4A	0.0199214	0.22187	1.75526	1.75526	0.0566112	2.57441	2.57441	0.841766	0.916137	-1.09154	0.14063	0.499304	-2.00279	0.0353396	0.341673	-2.92678	0.256417	0.595057	-1.68051	0.188118	0.542724	-1.84256	0.00266432	6.17518	6.17518	0.487524	1.36218	1.36218	4.71086	14.3268	2.70331	1
cg00565070	PDE4A	0.0471138	0.00496244	7.88374	7.88374	0.588597	0.748271	-1.33641	0.176896	2.1562	2.1562	0.0221252	4.47094	4.47094	0.39971	1.58215	1.58215	0.170443	2.18513	2.18513	0.141076	2.33706	2.33706	?	?	?	0.305106	0.567707	-1.76147	3.81794	14.7953	3.39081	1
cg07517216	PDE4A;PDE4A	0.000344946	0.000543187	0.217253	-4.60292	0.0085088	2.5952	2.5952	0.101924	0.601441	-1.66267	0.00538164	0.353212	-2.83116	4.72E-05	0.113254	-8.82973	0.282187	1.37351	1.37351	0.00276599	0.309674	-3.22921	0.00534732	0.352777	-2.83465	0.837968	0.943509	-1.05987	15.8324	20.2228	1.13538	1
cg14965524	PDE4A;PDE4A	0.0118118	0.0110933	0.238469	-4.19341	0.0362106	2.99315	2.99315	0.225279	1.77407	1.77407	0.0130281	0.249893	-4.00172	0.0118492	0.243101	-4.11352	0.187229	1.87614	1.87614	0.400503	0.678832	-1.47312	0.248165	0.580752	-1.7219	0.13062	2.08515	2.08515	5.60214	17.978	2.85256	1
cg23103993	PDE4A;PDE4A	0.0420083	0.358778	1.60441	1.60441	0.966097	1.02143	1.02143	0.31961	1.67475	1.67475	0.668081	0.80623	-1.24034	0.448646	1.47154	1.47154	0.696357	0.822184	-1.21627	0.596329	1.30611	1.30611	0.666686	0.805443	-1.24155	0.00107496	0.0764655	-13.0778	3.94471	15.2208	3.00108	1
cg08673054	PDE4A;PDE4A;PDE4A	0.0356559	0.0254051	0.129424	-7.72657	0.161588	3.15943	3.15943	0.397681	1.94734	1.94734	0.176323	0.330775	-3.0232	0.0255385	0.129751	-7.70707	0.0558296	5.29834	5.29834	0.304386	0.441052	-2.26731	0.685346	0.73089	-1.36819	0.066485	4.87345	4.87345	3.8412	36.032	8.33813	1
cg16693201	PDE4A;PDE4A;PDE4A	0.036204	0.668896	0.865746	-1.15507	0.377645	0.738346	-1.35438	0.00213764	0.235631	-4.24393	0.268304	0.679519	-1.47163	0.00646211	0.30526	-3.27589	0.0821495	0.524473	-1.90668	0.115864	0.564004	-1.77304	0.865703	0.944859	-1.05836	0.11863	0.56685	-1.76413	3.81998	6.79347	1.5808	1
cg01641792	PDE4A;PDE4A;PDE4A;PDE4A	0.0131301	0.0399653	23.4417	23.4417	0.0702597	14.7118	14.7118	0.0170112	47.7699	47.7699	0.0267065	32.7344	32.7344	0.513945	0.415006	-2.4096	0.23056	5.31833	5.31833	0.805071	1.38893	1.38893	0.00172263	380.881	380.881	0.00474943	145.8	145.8	5.4125	151.331	24.853	1
cg03729508	PDE4A;PDE4A;PDE4A;PDE4A	0.0255802	0.215985	0.691064	-1.44704	0.105685	0.605586	-1.65129	0.3781	1.29258	1.29258	0.0767021	1.74843	1.74843	0.2855	0.729934	-1.36999	0.107775	0.607721	-1.64549	0.0103898	0.400183	-2.49886	0.00911588	0.390584	-2.56027	0.234193	1.42462	1.42462	4.32256	5.5133	1.13375	1
cg07914107	PDE4B	0.00645604	0.661432	0.90833	-1.10092	0.558006	1.13798	1.13798	0.215505	0.752446	-1.329	0.906697	1.02591	1.02591	0.0434266	0.602455	-1.65987	0.00518417	0.447054	-2.23687	0.000208564	0.258222	-3.87264	0.412806	1.20043	1.20043	0.793665	0.944414	-1.05886	6.78364	5.11431	0.670149	1
cg27631199	PDE4B;PDE4B	0.000447468	0.0159265	0.585997	-1.70649	0.057135	0.677292	-1.47647	0.744029	0.942406	-1.06111	0.54948	0.896152	-1.11588	0.000116969	0.294721	-3.39304	0.00933546	0.550492	-1.81656	5.73E-05	0.2588	-3.86398	0.475124	1.14052	1.14052	0.000471207	0.369835	-2.70391	14.7367	7.65033	0.461452	1
cg22733910	PDE4B;PDE4B	0.000699314	0.121094	0.699033	-1.43055	0.00465113	2.22956	2.22956	0.809145	1.0529	1.0529	0.0207775	0.552737	-1.80918	0.166364	0.730263	-1.36937	0.209248	0.754331	-1.32568	0.00029015	0.283948	-3.52178	0.000479641	3.21285	3.21285	0.0212684	0.554475	-1.80351	13.0145	9.35262	0.638782	1
cg22488256	PDE4B;PDE4B	0.00138459	0.117657	1.5275	1.5275	0.472498	0.833457	-1.19982	0.00850519	2.31001	2.31001	0.48172	1.19515	1.19515	0.586767	1.14662	1.14662	0.198236	1.40353	1.40353	5.45E-05	0.153478	-6.51558	0.0473813	1.76038	1.76038	0.0996423	1.56814	1.56814	10.7235	10.5556	0.874966	1
cg26832142	PDE4B;PDE4B	0.00582427	0.317789	1.176	1.176	0.0203284	1.55135	1.55135	0.000107181	2.92339	2.92339	0.369737	0.865354	-1.1556	0.876885	1.02464	1.02464	0.301555	0.84532	-1.18298	0.412246	1.14067	1.14067	0.800525	0.961032	-1.04055	0.859266	1.02825	1.02825	7.00307	2.73369	0.346983	1
cg16294013	PDE4B;PDE4B	0.00656881	0.941323	0.983699	-1.01657	0.00103887	2.95728	2.95728	0.527951	1.15346	1.15346	0.753259	1.07294	1.07294	0.430505	0.835565	-1.19679	0.643502	0.901179	-1.10966	0.0459457	0.600062	-1.66649	0.0010213	2.96605	2.96605	0.320812	1.25736	1.25736	6.74728	5.32652	0.701717	1
cg02995493	PDE4B;PDE4B	0.0171874	0.0263066	0.306986	-3.25748	0.166395	0.516152	-1.93741	0.0831165	0.423211	-2.36289	0.16945	0.51892	-1.92708	0.0253526	0.303817	-3.29145	0.0572833	0.381411	-2.62185	0.000741895	0.100689	-9.93159	0.752983	1.152	1.152	0.036374	0.336108	-2.97524	4.95128	15.7519	2.8279	1
cg22336004	PDE4B;PDE4B	0.0172294	0.124378	1.35673	1.35673	0.789642	1.05025	1.05025	0.0810269	1.42577	1.42577	0.030608	1.59326	1.59326	0.0718126	0.691745	-1.44562	0.812242	0.957307	-1.0446	0.00547358	0.511803	-1.95388	0.0286048	1.60565	1.60565	0.391567	0.85133	-1.17463	4.94724	2.63427	0.473308	1
cg15985891	PDE4B;PDE4B	0.0282456	0.364145	0.81723	-1.22365	0.51239	0.866059	-1.15466	0.958297	1.01138	1.01138	0.995714	0.998838	-1.00116	0.64762	0.905199	-1.10473	0.342745	0.809326	-1.2356	0.000637886	0.321422	-3.11117	0.752728	0.933884	-1.0708	0.0143195	0.520166	-1.92246	4.17491	3.09726	0.659444	1
cg24058805	PDE4B;PDE4B;PDE4B	0.0088129	0.603984	0.930067	-1.07519	0.52664	0.91495	-1.09296	0.058371	0.743527	-1.34494	0.530708	0.91577	-1.09198	0.544494	1.0887	1.0887	0.329445	1.14964	1.14964	0.000655234	2.06178	2.06178	0.105094	0.782417	-1.27809	0.01276	0.651364	-1.53524	6.15323	1.87077	0.27025	1
cg03442467	PDE4B;PDE4B;PDE4B;PDE4B	0.00258037	0.0011911	0.200642	-4.98399	0.149455	0.593011	-1.68631	0.104573	0.548925	-1.82174	0.0308621	0.4244	-2.35627	0.00453378	0.278448	-3.59133	0.265927	0.675757	-1.47982	0.00465975	0.280226	-3.56855	0.0056524	3.41327	3.41327	0.0103649	0.335679	-2.97904	8.94825	16.1988	1.60913	1
cg06115810	PDE4B;PDE4B;PDE4B;PDE4B	0.00375624	0.0187332	0.197567	-5.06158	0.0712776	0.317645	-3.14817	0.0180288	0.194852	-5.13209	0.0259033	0.221912	-4.50628	0.000948506	0.0605045	-16.5277	0.124818	0.388344	-2.57504	0.00783604	0.143328	-6.977	0.0134508	5.70871	5.70871	0.0195374	0.200582	-4.98549	8.00247	41.0711	4.56205	1
cg04989278	PDE4B;PDE4B;PDE4B;PDE4B	0.007645	0.496688	0.770048	-1.29862	0.217066	0.611555	-1.63518	0.0544454	0.43769	-2.28472	0.864105	0.937197	-1.06701	0.00444876	0.237687	-4.20722	0.997758	0.998937	-1.00106	0.980289	1.0094	1.0094	0.000600946	7.41902	7.41902	0.666152	0.848446	-1.17863	6.43526	14.6117	2.01828	1
cg13866577	PDE4B;PDE4B;PDE4B;PDE4B	0.0109485	0.00734148	0.107955	-9.26309	0.0689728	0.269584	-3.70942	0.0105393	0.125834	-7.94696	0.0298417	0.192727	-5.18869	0.00499236	0.091318	-10.9507	0.0477552	0.232686	-4.29764	0.00341355	0.0770789	-12.9737	0.908252	1.07709	1.07709	0.0219224	0.170157	-5.87691	5.7412	37.7274	5.8412	1
cg23045908	PDE4B;PDE4B;PDE4B;PDE4B	0.0169179	0.00633036	0.0701247	-14.2603	0.0665164	0.214762	-4.65632	0.0472377	0.183192	-5.45874	0.0523726	0.19218	-5.20345	0.751311	0.788458	-1.2683	0.0491389	0.186578	-5.35968	0.00516735	0.0632847	-15.8016	0.156087	3.1091	3.1091	0.0275941	0.142642	-7.01054	4.97754	44.0553	7.8674	1
cg03915752	PDE4B;PDE4B;PDE4B;PDE4B	0.0456733	0.0368764	0.316933	-3.15524	0.310981	0.60843	-1.64357	0.103662	0.430186	-2.32458	0.0344957	0.310755	-3.21797	0.796619	0.884778	-1.13023	0.0637915	0.372444	-2.68497	0.0616693	0.368747	-2.71189	0.0310478	3.31966	3.31966	0.184501	0.513154	-1.94873	3.50596	12.4754	3.16296	1
cg00805867	PDE4B;PDE4B;PDE4B;PDE4B;PDE4B	0.0215951	0.0169666	0.15244	-6.55998	0.445394	0.604988	-1.65292	0.130262	0.347931	-2.87414	0.0665193	0.264667	-3.77834	0.0130374	0.136712	-7.31465	0.113763	0.32903	-3.03923	0.00770464	0.1095	-9.1324	0.0778142	3.54695	3.54695	0.0533891	0.242296	-4.12718	4.58303	30.2931	5.87541	1
cg24895777	PDE4C	4.96E-05	0.219396	1.1485	1.1485	0.00625741	1.46513	1.46513	9.53E-06	0.359466	-2.7819	0.000269998	1.89732	1.89732	0.884103	1.01576	1.01576	0.00430891	1.50558	1.50558	0.000235183	0.520146	-1.92254	0.0175283	1.36333	1.36333	0.145204	1.18259	1.18259	26.6738	4.85549	0.161806	1
cg17834637	PDE4C	5.20E-05	0.196769	0.810431	-1.23391	0.00315929	1.86116	1.86116	0.000352098	0.412994	-2.42134	0.000451109	2.3439	2.3439	2.61E-05	0.277428	-3.60454	0.000635437	0.445675	-2.24379	0.00177199	1.98497	1.98497	0.763672	0.954621	-1.04754	0.0242376	0.661177	-1.51245	26.3464	9.89791	0.333941	1
cg06502281	PDE4C	0.000603717	0.0298814	1.43023	1.43023	0.186095	0.821753	-1.21691	0.492533	0.907004	-1.10253	0.0224365	0.681821	-1.46666	9.97E-05	0.380294	-2.62954	0.0359645	0.710585	-1.40729	0.0020845	0.545169	-1.83429	0.310038	1.15848	1.15848	0.000220676	0.422376	-2.36756	13.5605	4.21185	0.276086	1
cg00394844	PDE4C	0.00110158	0.000974044	0.370384	-2.6999	0.47914	1.15677	1.15677	0.00155932	0.398379	-2.51017	0.0183957	0.560474	-1.78421	0.00137754	0.390922	-2.55806	0.10191	0.695997	-1.43679	0.000113858	0.253796	-3.94017	0.529144	0.878928	-1.13775	0.0415895	0.621532	-1.60893	11.4476	7.42861	0.576821	1
cg13899108	PDE4C	0.0022242	0.152316	1.39372	1.39372	0.0194462	0.542441	-1.84352	0.208977	0.750703	-1.33209	0.0879867	0.665199	-1.50331	0.050041	1.62225	1.62225	0.00037733	3.42225	3.42225	0.00561405	0.455111	-2.19727	0.0457353	1.64199	1.64199	0.887748	1.03105	1.03105	9.34731	6.93988	0.659952	1
cg09914513	PDE4C	0.00990934	0.0577042	1.61801	1.61801	0.774671	0.93767	-1.06647	0.002369	0.38655	-2.58698	0.684977	1.09576	1.09576	0.972866	1.00766	1.00766	0.584453	1.13183	1.13183	0.00280171	0.397133	-2.51805	0.0483364	1.65842	1.65842	0.355475	0.808055	-1.23754	5.92785	4.72009	0.707783	1
cg17861230	PDE4C	0.0363813	0.200455	1.70679	1.70679	0.852907	1.07548	1.07548	0.253016	1.60182	1.60182	0.919519	1.04042	1.04042	0.929534	0.965921	-1.03528	0.210144	1.68522	1.68522	0.118225	0.509932	-1.96104	0.00109498	7.49153	7.49153	0.388036	1.4164	1.4164	4.17579	9.94913	1.85311	1
cg07051684	PDE4C	0.0461597	0.0221997	0.289896	-3.44951	0.057608	0.379178	-2.63728	0.048554	0.361421	-2.76685	0.35574	0.651126	-1.5358	0.0165188	0.266402	-3.75373	0.967434	1.01861	1.01861	0.0074158	0.210594	-4.74847	0.970352	0.983354	-1.01693	0.182733	0.528025	-1.89385	3.49204	11.2821	2.87182	1
cg25660428	PDE4C;PDE4C	0.000398318	0.00272593	0.249039	-4.01543	0.00549045	0.293327	-3.40917	0.000212098	0.12499	-8.00063	0.0219117	0.397036	-2.51867	0.011073	0.342938	-2.91598	0.0474872	0.466927	-2.14166	0.000135825	0.108748	-9.19559	4.78E-05	0.0763682	-13.0945	0.0401157	0.450779	-2.21838	15.2179	27.1987	1.5887	1
cg08259462	PDE4C;PDE4C	0.00140071	0.179975	0.722732	-1.38364	0.000650275	0.30353	-3.29457	0.000580784	0.297212	-3.36461	0.00508542	0.429808	-2.32662	0.0011335	0.335522	-2.98043	0.415483	0.827132	-1.209	0.000445062	0.282586	-3.53875	0.0336434	0.567895	-1.76089	0.134685	0.692277	-1.44451	10.688	8.802	0.732038	1
cg03401312	PDE4C;PDE4C	0.0056905	0.0108611	0.186092	-5.37368	0.00756988	0.164281	-6.08714	0.00241338	0.108434	-9.2222	0.0498916	0.308578	-3.24067	0.0457227	0.299912	-3.33431	0.0189742	0.224593	-4.45249	0.00551417	0.146911	-6.80686	0.000942197	0.0747674	-13.3748	0.0854017	0.367972	-2.71759	7.05335	30.8773	3.89127	1
cg26009801	PDE4C;PDE4C	0.00572002	0.00231024	0.306575	-3.26184	0.796711	0.930818	-1.07432	0.0117116	0.417011	-2.39802	0.265763	0.724657	-1.37996	0.0356298	0.507035	-1.97225	0.0630509	0.559513	-1.78727	0.00192203	0.295352	-3.38579	0.00166053	0.286603	-3.48914	0.010859	0.411371	-2.43089	7.04213	8.60185	1.08576	1
cg07938642	PDE4C;PDE4C	0.0136208	0.00744002	0.151665	-6.59347	0.00318659	0.110404	-9.05764	0.0335811	0.257088	-3.88971	0.0690788	0.328567	-3.04352	0.0153565	0.196333	-5.09339	0.113859	0.390153	-2.5631	0.110762	0.386432	-2.58778	0.0030731	0.108866	-9.1856	0.0515613	0.297448	-3.36193	5.34788	25.3585	4.21491	1
cg19697537	PDE4C;PDE4C	0.0270376	0.151081	0.490159	-2.04015	0.453231	1.42489	1.42489	0.0639695	0.381041	-2.62439	0.142667	0.481802	-2.07554	0.00142577	0.117852	-8.48519	0.265529	1.71209	1.71209	0.135067	0.473988	-2.10976	0.164384	0.502814	-1.98881	0.0568453	0.368296	-2.71521	4.2396	14.4208	3.02351	1
cg25474507	PDE4C;PDE4C;PDE4C	1.59E-07	?	?	?	7.67E-08	0.186485	-5.36235	?	?	?	?	?	?	1.19E-07	0.337817	-2.96018	?	?	?	?	?	?	2.73E-07	0.624269	-1.60187	1.04E-07	0.290031	-3.44791	2.21E+13	5.0301	5.68E-14	1
cg25491456	PDE4C;PDE4C;PDE4C	2.83E-07	0.880162	0.979921	-1.02049	0.000102071	2.52211	2.52211	3.43E-06	0.229952	-4.34873	0.0331642	1.39767	1.39767	7.73E-07	0.167558	-5.96809	0.0788503	1.30002	1.30002	2.01E-08	0.057807	-17.2989	5.52E-05	0.364567	-2.74298	0.000241087	0.441878	-2.26307	101.081	28.9372	0.254469	1
cg26218977	PDE4C;PDE4C;PDE4C	8.46E-05	0.000110746	0.419516	-2.3837	0.164936	1.20829	1.20829	0.0736339	0.775136	-1.2901	0.000687852	0.515823	-1.93865	7.43E-05	0.398797	-2.50754	0.118051	0.805121	-1.24205	7.44E-05	0.398887	-2.50697	0.00119891	1.83339	1.83339	0.0288408	0.719505	-1.38984	23.1493	5.98085	0.229653	1
cg03165195	PDE4C;PDE4C;PDE4C	0.000133692	0.0173478	0.545997	-1.83151	0.00159682	0.38834	-2.57507	0.00331151	0.433688	-2.30581	0.170559	0.737276	-1.35634	4.11E-05	0.195303	-5.12025	0.151905	0.725719	-1.37794	3.39E-05	0.186936	-5.34942	2.91E-05	0.180381	-5.54381	0.175862	0.740385	-1.35065	20.4818	14.149	0.614052	1
cg19245616	PDE4C;PDE4C;PDE4C	0.000217099	8.93E-05	0.166283	-6.01384	0.281786	0.751155	-1.33128	0.0222187	0.495996	-2.01614	0.433421	0.815063	-1.2269	5.19E-05	0.144201	-6.93475	0.00173491	0.318931	-3.13547	7.71E-05	0.160129	-6.24497	0.00542179	0.392134	-2.55015	0.00141362	0.306661	-3.26093	17.9667	18.6214	0.921281	1
cg25540026	PDE4C;PDE4C;PDE4C	0.000294803	0.774045	1.11627	1.11627	0.107486	0.511065	-1.9567	0.000967482	0.153056	-6.53356	0.389388	0.713875	-1.40081	0.0431823	0.411137	-2.43228	0.00340634	0.218508	-4.57649	9.17E-06	0.0255874	-39.0818	0.000326766	0.10875	-9.19541	0.0762985	0.470684	-2.12457	16.529	38.223	2.05554	1
cg10181822	PDE4C;PDE4C;PDE4C;PDE4C	0.000366172	0.149766	1.53175	1.53175	0.00908869	2.5631	2.5631	0.00497347	2.89569	2.89569	0.000401537	0.189675	-5.27217	0.00774289	0.377939	-2.64593	0.0044966	0.338146	-2.9573	0.000848961	4.33261	4.33261	0.0139906	2.35748	2.35748	0.00453893	2.9515	2.9515	19.5681	22.6394	0.899854	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10738026	PDE4C;PDE4C;PDE4C	0.00163095	?	?	?	0.000347569	51.8259	51.8259	0.000435767	44.1315	44.1315	0.23733	0.489763	-2.0418	0.665149	0.780801	-1.28074
cg07874896	PDE4C;PDE4C;PDE4C	0.00520156	0.0111941	0.331864	-3.01328	0.0503395	0.461112	-2.16867	0.00224172	4.4143	4.4143	0.189181	0.617141	-1.62037	0.0154954	0.356862	-2.8022
cg01980587	PDE4C;PDE4C;PDE4C	0.00840253	0.0591046	0.788599	-1.26807	0.079586	0.805063	-1.24214	0.00267177	0.629542	-1.58846	0.320436	1.12121	1.12121	0.0017807	0.609157	-1.64161
cg13670957	PDE4C;PDE4C;PDE4C	0.01376	0.046767	0.796456	-1.25556	0.029547	0.774029	-1.29194	0.00520613	0.69171	-1.44569	0.420175	0.920966	-1.08582	0.0279692	1.29638	1.29638
cg24174730	PDE4C;PDE4C;PDE4C	0.0152508	0.132472	0.434488	-2.30156	0.408807	0.64805	-1.54309	0.0136396	0.208737	-4.79071	0.38985	0.636068	-1.57216	0.00416038	0.139149	-7.18655
cg04326562	PDE4C;PDE4C;PDE4C	0.0274942	0.00946224	0.634717	-1.5755	0.344893	0.874163	-1.14395	0.0516725	0.736276	-1.35819	0.138159	0.801969	-1.24693	0.00487825	0.597002	-1.67504
cg02711128	PDE4C;PDE4C;PDE4C	0.0418223	0.108231	1.75849	1.75849	0.0210705	2.44415	2.44415	0.0117389	2.75662	2.75662	0.300197	1.41315	1.41315	0.0459591	0.478639	-2.08926
cg05341232	PDE4C;PDE4C;PDE4C	0.0435095	0.124782	0.418385	-2.39014	0.136741	0.431465	-2.31768	0.0942325	0.381096	-2.62401	0.182001	0.475779	-2.10181	0.0325311	0.269259	-3.71389
cg05606136	PDE4C;PDE4C;PDE4C	0.0493353	0.0385682	0.464698	-2.15194	0.661714	0.868656	-1.1512	0.0840549	0.542625	-1.84289	0.915291	1.03461	1.03461	0.269994	0.692572	-1.44389
cg18816098	PDE4C;PDE4C;PDE4C;PDE4C	0.0409209	0.0796781	1.64873	1.64873	0.0513072	1.76906	1.76906	0.338233	1.28889	1.28889	0.80189	0.937416	-1.06676	0.00909969	2.34413	2.34413
cg20473977	PDE4D	0.000949629	0.0173969	0.398299	-2.51068	0.0856826	0.546696	-1.82917	0.00182922	0.244711	-4.08645	0.00162405	0.237934	-4.20284	0.000874742	0.204598	-4.88763
cg22495322	PDE4D	0.0117156	0.181121	0.604622	-1.65393	0.0181805	0.361939	-2.76289	0.671372	0.859645	-1.16327	0.41815	0.745876	-1.3407	0.0240527	0.385317	-2.59526
cg17287998	PDE4D	0.0220659	0.59961	1.14392	1.14392	0.00941199	2.30611	2.30611	0.916819	0.973831	-1.02687	0.169394	1.45003	1.45003	0.0255058	1.96158	1.96158
cg10487428	PDE4D	0.0244617	0.0571645	0.50515	-1.97961	0.49454	1.24625	1.24625	0.0100534	0.356663	-2.80377	0.944794	1.02222	1.02222	0.019283	0.407288	-2.45527
cg21023952	PDE4D;PART1;PART1;PART1	0.02907	0.018874	0.372203	-2.6867	0.128416	0.564911	-1.77019	0.056106	0.471501	-2.12089	0.142336	0.578056	-1.72994	0.00270684	0.236977	-4.21982
cg07267294	PDE4D;PDE4D	0.00105375	0.000530425	0.139531	-7.16686	0.00558821	0.264929	-3.77459	0.00880891	0.295988	-3.37851	0.00420075	0.246703	-4.05346	0.00054007	0.140292	-7.12797
cg03653541	PDE4D;PDE4D	0.00122447	0.409679	1.21813	1.21813	0.874658	1.03763	1.03763	0.766188	1.07228	1.07228	0.151668	0.698053	-1.43256	0.42097	0.824986	-1.21214
cg27583655	PDE4D;PDE4D	0.00175849	0.0914936	0.806685	-1.23964	4.77E-05	0.412588	-2.42373	0.00574812	0.658061	-1.51962	0.0221991	0.728387	-1.3729	0.0491686	0.771379	-1.29638
cg26870744	PDE4D;PDE4D	0.00183907	0.0976879	1.20558	1.20558	0.0040959	0.672795	-1.48634	0.011105	0.720651	-1.38763	0.310058	0.897558	-1.11413	0.278794	1.12284	1.12284
cg02499640	PDE4D;PDE4D	0.0074549	0.0370155	0.225033	-4.44379	0.000215427	0.0222899	-44.8633	0.0757037	0.295958	-3.37886	0.316959	0.528817	-1.89101	0.0149773	0.15848	-6.30996
cg12400680	PDE4D;PDE4D	0.00956753	0.266857	0.710102	-1.40825	0.765944	0.916552	-1.09105	0.634922	0.869499	-1.15009	0.00100039	0.188882	-5.2943	0.00167065	0.221077	-4.52332
cg11258089	PDE4D;PDE4D	0.016131	0.348881	1.15575	1.15575	0.14452	1.26523	1.26523	0.0313247	1.461	1.461	0.1617	1.25145	1.25145	0.205782	1.22182	1.22182
cg16261871	PDE4D;PDE4D	0.0183437	0.382817	0.919816	-1.08717	0.105129	1.17983	1.17983	0.00613303	1.39652	1.39652	0.109028	0.849407	-1.17729	0.356498	1.09261	1.09261
cg08554295	PDE4D;PDE4D	0.0199367	0.327047	1.26356	1.26356	0.204643	0.733837	-1.3627	0.0491375	0.594955	-1.6808	0.486584	1.17756	1.17756	0.160905	1.41376	1.41376
cg26800788	PDE4D;PDE4D	0.0228695	0.0770301	2.61096	2.61096	0.40735	1.51242	1.51242	0.0406021	3.17115	3.17115	0.00122879	0.0995197	-10.0483	0.443404	1.46439	1.46439
cg05602356	PDE4D;PDE4D;PDE4D	5.25E-05	0.000231593	0.376278	-2.65761	0.000364954	0.401133	-2.49294	0.0965391	1.33889	1.33889	0.259334	0.828432	-1.2071	0.000290427	0.388595	-2.57337
cg26817935	PDE4D;PDE4D;PDE4D	0.000314007	7.56E-05	0.270921	-3.69111	0.138405	0.748144	-1.33664	0.00687874	0.529156	-1.8898	0.00142715	0.432088	-2.31434	0.0668821	0.68822	-1.45302
cg16377679	PDE4D;PDE4D;PDE4D	0.00107667	0.728024	0.925701	-1.08026	0.227937	1.32296	1.32296	0.00906723	0.48029	-2.08208	0.642985	1.10874	1.10874	0.000349523	0.280512	-3.56491
cg07200957	PDE4D;PDE4D;PDE4D	0.00145841	0.00328394	0.447932	-2.23248	0.000246882	0.297134	-3.36548	0.00384562	0.457968	-2.18356	0.110883	0.705944	-1.41654	0.000804263	0.362782	-2.75648
cg22078451	PDE4D;PDE4D;PDE4D	0.00753736	0.646799	0.872116	-1.14664	0.458203	1.25111	1.25111	0.828292	1.06654	1.06654	0.192128	1.50604	1.50604	0.425368	1.27307	1.27307
cg00335124	PDE4D;PDE4D;PDE4D	0.00758171	0.210068	0.690734	-1.44773	0.40776	1.2677	1.2677	0.986117	0.995138	-1.00489	0.0879345	1.69475	1.69475	0.00109647	0.25958	-3.85238
cg26939607	PDE4D;PDE4D;PDE4D	0.00764807	0.00415612	0.217487	-4.59797	0.290895	0.647098	-1.54536	0.118187	0.509825	-1.96146	0.511792	0.767785	-1.30245	0.000379501	0.104912	-9.53181
cg18425032	PDE4D;PDE4D;PDE4D	0.0107372	0.093083	0.493247	-2.02738	0.199145	0.595117	-1.68034	0.077436	0.471953	-2.11885	0.462595	1.33115	1.33115	0.00130544	0.166852	-5.99335
cg06974135	PDE4D;PDE4D;PDE4D	0.0126098	0.436332	0.799602	-1.25062	0.487643	0.819888	-1.21968	0.0440774	0.521266	-1.91841	0.0683325	1.77671	1.77671	0.00161103	0.279819	-3.57374
cg16578883	PDE4D;PDE4D;PDE4D	0.0131221	0.00570235	0.189994	-5.26333	0.0129571	0.243443	-4.10774	0.00529865	0.185709	-5.38477	0.0938133	0.429946	-2.32587	0.0716657	0.397986	-2.51265
cg09062288	PDE4D;PDE4D;PDE4D	0.0231178	0.0195468	0.637432	-1.56879	0.225917	0.816339	-1.22498	0.00332741	0.528451	-1.89232	0.70032	0.94015	-1.06366	0.0840154	0.737057	-1.35675
cg06046805	PDE4D;PDE4D;PDE4D	0.0241399	0.158423	0.655695	-1.5251	0.0493822	1.87355	1.87355	0.570504	0.851723	-1.17409	0.727508	1.10288	1.10288	0.00244855	0.307283	-3.25433
cg05593411	PDE4D;PDE4D;PDE4D	0.0376458	0.801636	0.956376	-1.04561	0.050857	1.48314	1.48314	0.00357982	2.01194	2.01194	0.942838	0.987374	-1.01279	0.274379	0.817487	-1.22326
cg24752644	PDE4D;PDE4D;PDE4D	0.0385679	0.0248085	0.437458	-2.28593	0.137317	0.609429	-1.64088	0.0137649	0.389699	-2.56608	0.0684601	0.53195	-1.87988	0.00534296	0.321252	-3.11282
cg17584009	PDE4D;PDE4D;PDE4D	0.0486742	0.114453	1.98446	1.98446	0.552873	0.786898	-1.27081	0.0331191	0.369937	-2.70316	0.675594	1.18295	1.18295	0.600804	1.23461	1.23461
cg23977954	PDE4DIP	2.50E-06	0.0018324	1.17112	1.17112	1.56E-07	0.558312	-1.79111	0.00823727	0.886393	-1.12817	0.0984671	1.0668	1.0668	0.000285212	0.809416	-1.23546
cg23933216	PDE4DIP	0.000905329	0.000366326	0.368446	-2.7141	0.0113132	1.7417	1.7417	0.0360628	0.65279	-1.53189	0.0767469	0.708684	-1.41107	0.000185102	0.331319	-3.01824
cg10822149	PDE4DIP	0.000972363	0.0259413	0.592483	-1.68781	0.245868	0.786394	-1.27163	0.00123318	0.392432	-2.54821	0.781284	1.05665	1.05665	0.00103471	0.382061	-2.61738
cg19084726	PDE4DIP	0.00224293	0.472567	0.86592	-1.15484	0.0288585	0.601828	-1.6616	0.555202	1.12478	1.12478	0.363273	0.831846	-1.20214	0.193806	0.762689	-1.31115
cg00452270	PDE4DIP	0.00928002	0.0487778	0.63967	-1.56331	0.0100456	1.90617	1.90617	0.425853	1.1752	1.1752	0.796184	1.05273	1.05273	0.000500227	0.339289	-2.94734
cg21686944	PDE4DIP	0.0142325	0.494615	1.12311	1.12311	0.207944	1.2489	1.2489	0.510598	0.894299	-1.11819	0.931152	1.01457	1.01457	0.966353	0.992963	-1.00709
cg03933321	PDE4DIP	0.0194918	0.049376	0.413547	-2.4181	0.0266636	0.355576	-2.81234	0.962565	0.981692	-1.01865	0.215581	0.598621	-1.67051	0.0165934	0.316053	-3.16402
cg11935147	PDE4DIP	0.0198396	0.55419	1.13547	1.13547	0.948628	1.01378	1.01378	0.774953	1.06276	1.06276	0.928459	0.981113	-1.01925	0.691923	1.08825	1.08825
cg18089019	PDE4DIP	0.0487053	0.0140199	0.644645	-1.55124	0.115626	0.780712	-1.28088	0.196529	1.21853	1.21853	0.286939	0.85211	-1.17356	0.0129555	0.639926	-1.56268
cg17477990	PDE4DIP;PDE4DIP	0.000285151	0.871045	1.02188	1.02188	0.000148352	0.419507	-2.38375	0.00512952	0.611097	-1.6364	0.0082657	1.56813	1.56813	0.011647	1.52198	1.52198
cg22712955	PDE4DIP;PDE4DIP	0.00227071	0.0146499	0.329609	-3.0339	0.00417519	0.242312	-4.12691	0.0042601	0.24356	-4.10576	0.0861854	0.496522	-2.01401	0.00320386	0.226312	-4.41867
cg09222993	PDE4DIP;PDE4DIP;PDE4DIP	0.000367379	0.00543009	0.58514	-1.70899	0.136042	0.790331	-1.26529	0.000786826	0.475477	-2.10315	0.147797	1.25541	1.25541	0.000215619	0.404706	-2.47093
cg09366969	PDE4DIP;PDE4DIP;PDE4DIP	0.0114562	0.0696509	0.430657	-2.32204	0.350818	1.48991	1.48991	0.139837	1.93402	1.93402	0.0832738	2.21691	2.21691	0.309051	0.645904	-1.54822
cg07703701	PDE4DIP;PDE4DIP;PDE4DIP	0.0115153	0.0119274	0.158172	-6.32224	0.114922	0.365127	-2.73877	0.0698587	0.303795	-3.29169	0.242683	0.48744	-2.05153	0.00728907	0.130825	-7.64379
cg10505902	PDE4DIP;PDE4DIP;PDE4DIP	0.0266018	0.0617483	0.490348	-2.03937	0.432878	1.31139	1.31139	0.309333	0.700222	-1.42812	0.0446042	0.457918	-2.1838	0.149411	0.592394	-1.68807
cg26565113	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.0172827	0.437385	0.752224	-1.32939	0.00834162	3.35885	3.35885	0.12456	1.81782	1.81782	0.0832434	1.9921	1.9921	0.00496487	0.262697	-3.80666
cg05771459	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.0255035	0.853044	1.07307	1.07307	0.148566	1.80274	1.80274	0.112379	1.92974	1.92974	0.665298	0.847436	-1.18003	0.000873738	0.149772	-6.67682
cg19741832	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.0270428	0.547464	1.15896	1.15896	0.0133776	2.101	2.101	0.0876355	1.57916	1.57916	0.330467	1.27552	1.27552	0.276582	1.31554	1.31554
cg15743907	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.027908	0.0334819	3.0467	3.0467	0.00579487	5.05734	5.05734	0.0248237	3.31321	3.31321	0.269447	1.67485	1.67485	0.154437	0.50482	-1.98091
cg04156383	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.0387882	0.0992278	0.587932	-1.70088	0.795847	0.92663	-1.07918	0.693075	0.889954	-1.12365	0.550168	0.837214	-1.19444	0.00118036	0.247004	-4.04851
cg12571892	PDE5A	0.0173866	0.0507948	1.6997	1.6997	0.00160967	0.340216	-2.93931	0.433704	1.20977	1.20977	0.298023	0.773249	-1.29325	0.0203268	1.94792	1.94792
cg09543727	PDE5A;PDE5A	0.000127067	0.0702345	0.495082	-2.01987	0.177286	0.613419	-1.63021	0.0130352	0.327944	-3.0493	0.328628	0.711809	-1.40487	0.963763	1.01526	1.01526
cg09786608	PDE5A;PDE5A	0.011848	0.00134442	0.751197	-1.33121	0.052545	0.873398	-1.14495	0.71092	0.977398	-1.02312	0.0455032	0.868619	-1.15125	0.0103321	0.820034	-1.21946
cg04635366	PDE5A;PDE5A;PDE5A	0.00200585	0.00135771	0.250529	-3.99155	0.831603	0.938593	-1.06542	0.0227698	0.444353	-2.25046	9.19E-05	0.125103	-7.99343	?	?	?
cg21123740	PDE5A;PDE5A;PDE5A	0.00202526	0.00310621	0.161071	-6.20845	0.000397266	0.0784783	-12.7424	0.014571	0.25716	-3.88862	0.0390528	0.340242	-2.93909	0.00182873	0.135506	-7.37972
cg08957091	PDE5A;PDE5A;PDE5A	0.00457605	0.00762299	0.261188	-3.82866	0.436916	0.733203	-1.36388	0.0181368	0.325376	-3.07337	0.626903	0.825567	-1.21129	0.00835361	0.267452	-3.73898
cg08425177	PDE5A;PDE5A;PDE5A	0.00480002	0.456384	0.859216	-1.16385	0.249342	1.27231	1.27231	0.44789	0.856653	-1.16733	0.0067319	0.495174	-2.01949	0.0100577	0.522156	-1.91514
cg05453071	PDE5A;PDE5A;PDE5A	0.00618652	0.0181922	2.0511	2.0511	0.194546	0.709058	-1.41032	0.00989042	0.441934	-2.26278	0.228462	1.37256	1.37256	0.0262808	0.516692	-1.93539
cg01112236	PDE5A;PDE5A;PDE5A	0.00664354	0.117146	0.842858	-1.18644	0.248627	1.12877	1.12877	0.208497	0.875309	-1.14245	0.00816479	0.711747	-1.40499	0.824317	1.02258	1.02258
cg07154408	PDE5A;PDE5A;PDE5A	0.00752577	0.406704	0.795582	-1.25694	0.783947	0.928628	-1.07686	0.122654	1.56937	1.56937	0.979841	1.00683	1.00683	0.338716	1.30433	1.30433
cg13479953	PDE5A;PDE5A;PDE5A	0.0178657	0.379986	0.803702	-1.24424	0.980778	1.00586	1.00586	0.118954	0.663229	-1.50777	0.953325	1.0143	1.0143	0.000621229	0.27867	-3.58848
cg09120456	PDE5A;PDE5A;PDE5A	0.031489	0.00133148	0.506119	-1.97582	0.85782	1.02652	1.02652	0.263226	1.18558	1.18558	0.72057	0.948929	-1.05382	0.643287	0.934201	-1.07043
cg23138179	PDE5A;PDE5A;PDE5A	0.0413752	0.39147	0.755111	-1.32431	0.496892	1.24692	1.24692	0.014349	0.38071	-2.62667	0.0252671	0.426965	-2.34211	0.507358	0.806397	-1.24008
cg24863706	PDE5A;PDE5A;PDE5A;PDE5A	0.043342	0.499199	1.1027	1.1027	0.960165	0.992907	-1.00714	0.714436	1.05377	1.05377	0.825614	0.969042	-1.03195	0.686165	0.943754	-1.0596
cg18915143	PDE6A	0.000112629	0.0322973	0.856651	-1.16734	0.0180914	1.19387	1.19387	0.563145	0.964563	-1.03674	0.118255	1.11036	1.11036	0.0133447	1.20828	1.20828
cg18011230	PDE6A	0.00013603	0.00046497	0.230533	-4.33778	0.0330025	0.514504	-1.94362	0.00132045	0.287848	-3.47405	0.138855	0.654009	-1.52903	0.000108965	0.16252	-6.15308
cg19460950	PDE6A	0.028738	0.0121853	0.411502	-2.43012	0.757207	0.915627	-1.09215	0.00246319	0.302112	-3.31003	0.169689	0.659819	-1.51557	0.33203	0.752416	-1.32905
cg08844313	PDE6A	0.0336519	0.034328	0.581143	-1.72075	0.798206	1.05794	1.05794	0.0744443	0.646007	-1.54797	0.121982	0.691755	-1.4456	0.00425888	0.431333	-2.31839
cg15348028	PDE6B;PDE6B	0.000164795	0.554688	1.09298	1.09298	0.0518213	0.719456	-1.38994	0.864196	0.97485	-1.0258	0.399078	1.13707	1.13707	7.77E-06	0.232378	-4.30334
cg22992266	PDE6B;PDE6B	0.000491546	0.00462217	0.530526	-1.88492	0.0026962	0.497875	-2.00854	0.0030425	0.505132	-1.97968	0.0116276	0.588279	-1.69987	0.0161135	0.609391	-1.64098
cg02237540	PDE6B;PDE6B	0.000857082	0.22669	0.71415	-1.40027	0.100877	0.620904	-1.61056	0.0243612	0.490832	-2.03736	0.544297	0.849786	-1.17677	0.000630828	0.248247	-4.02825
cg09382601	PDE6B;PDE6B	0.00222421	0.0240567	0.659831	-1.51554	0.735715	0.949004	-1.05374	0.105157	0.760667	-1.31464	0.878041	0.976554	-1.02401	5.57E-05	0.314096	-3.18374
cg27149937	PDE6B;PDE6B	0.00524173	0.311724	1.34502	1.34502	0.00588892	0.36037	-2.77493	0.665929	0.884241	-1.13091	0.261883	1.39286	1.39286	0.00158315	0.276773	-3.61307
cg04926732	PDE6B;PDE6B	0.0132284	0.449837	1.21935	1.21935	0.0530723	0.567743	-1.76136	0.560465	0.859329	-1.1637	0.000687966	3.79931	3.79931	0.0286243	0.514272	-1.9445
cg06444452	PDE6B;PDE6B	0.0149571	0.000439777	0.192455	-5.19601	0.900867	1.03768	1.03768	0.0795218	1.78185	1.78185	0.183798	1.51971	1.51971	0.43609	0.78992	-1.26595
cg26397250	PDE6B;PDE6B	0.0211673	0.81815	0.956858	-1.04509	0.0809657	1.44849	1.44849	0.429878	1.16684	1.16684	0.0109106	1.84387	1.84387	0.11235	0.718202	-1.39237
cg11153768	PDE6B;PDE6B	0.0225602	0.0153852	0.278724	-3.58778	0.53331	0.76259	-1.31132	0.244015	0.59239	-1.68808	0.402743	0.692228	-1.44461	0.00517574	0.204834	-4.882
cg02031260	PDE6B;PDE6B	0.0274705	0.603291	0.895412	-1.1168	0.519741	0.871533	-1.1474	0.0122015	0.517872	-1.93098	0.861957	0.963992	-1.03735	0.916143	0.978052	-1.02244
cg10194729	PDE6B;PDE6B	0.0295401	0.0192101	0.135141	-7.39967	0.0450819	5.07598	5.07598	0.167117	2.83072	2.83072	0.161423	0.347649	-2.87646	0.0108569	0.104366	-9.58162
cg20597264	PDE6B;PDE6B	0.030011	0.461848	1.14417	1.14417	0.0491706	0.667817	-1.49742	0.00687842	0.533027	-1.87608	0.842465	0.964854	-1.03643	0.34119	1.19286	1.19286
cg27357918	PDE6B;PDE6B	0.030964	0.149635	0.424693	-2.35464	0.0129839	5.52349	5.52349	0.215777	2.05898	2.05898	0.00680877	6.98402	6.98402	0.26065	0.521844	-1.91628
cg03291607	PDE6B;PDE6B	0.0333599	0.486386	0.814986	-1.22701	0.388793	0.77454	-1.29109	0.496408	1.22111	1.22111	0.409302	1.27648	1.27648	0.00824895	0.376324	-2.65728
cg19463531	PDE6B;PDE6B	0.0403483	0.702674	1.10063	1.10063	0.987848	1.00381	1.00381	0.0349983	0.541088	-1.84813	0.127565	1.50969	1.50969	0.0611391	0.590065	-1.69473
cg11164441	PDE6B;PDE6B;PDE6B	5.67E-05	0.657359	0.950877	-1.05166	0.130047	0.831505	-1.20264	0.00027582	0.510725	-1.958	0.146568	0.838766	-1.19223	1.59E-05	0.365953	-2.73259
cg20738372	PDE6B;PDE6B;PDE6B	9.41E-05	0.357144	0.833846	-1.19926	0.258322	0.797476	-1.25396	0.000408883	0.340575	-2.93621	0.46881	0.868128	-1.1519	1.19E-05	0.169208	-5.90987
cg16955704	PDE6B;PDE6B;PDE6B	0.000566385	0.00411956	0.417833	-2.3933	0.571884	0.878487	-1.13832	0.0026968	0.390518	-2.5607	0.101547	1.50166	1.50166	0.000189102	0.239849	-4.16929
cg14394880	PDE6B;PDE6B;PDE6B	0.000666521	0.018313	0.311042	-3.215	2.44E-05	0.0324718	-30.796	0.0056447	0.227295	-4.39956	0.578899	0.795593	-1.25692	0.00430247	0.210727	-4.74547
cg01681072	PDE6B;PDE6B;PDE6B	0.00103895	0.855794	0.963674	-1.03769	0.0857851	0.679625	-1.4714	0.530886	1.13782	1.13782	0.825936	0.956189	-1.04582	1.86E-05	0.169744	-5.89124
cg14080925	PDE6B;PDE6B;PDE6B	0.00125586	0.811033	0.94611	-1.05696	0.0260163	0.542807	-1.84228	0.591823	0.882338	-1.13335	0.155153	1.42167	1.42167	0.00011262	0.208222	-4.80258
cg06677470	PDE6B;PDE6B;PDE6B	0.00180925	0.348604	0.89169	-1.12147	0.00616281	0.654123	-1.52876	0.000523096	0.526051	-1.90096	0.346853	1.12196	1.12196	0.236868	0.863097	-1.15862
cg15091868	PDE6B;PDE6B;PDE6B	0.00192345	0.0327096	0.711113	-1.40625	0.0553627	0.743562	-1.34488	4.20E-05	0.345151	-2.89728	0.00112995	0.520108	-1.92268	0.0488299	0.735694	-1.35926
cg23980776	PDE6B;PDE6B;PDE6B	0.0029756	0.0193516	0.314463	-3.18002	0.273159	1.59441	1.59441	0.144319	0.526502	-1.89933	0.00102307	7.32629	7.32629	0.01221	0.278798	-3.58683
cg11572308	PDE6B;PDE6B;PDE6B	0.00576183	0.0185436	0.729062	-1.37163	0.49035	1.08063	1.08063	0.93287	1.00937	1.00937	0.889677	0.984757	-1.01548	0.788369	1.03022	1.03022
cg04125205	PDE6B;PDE6B;PDE6B	0.00584708	0.876132	0.967721	-1.03336	0.0218243	0.560492	-1.78415	0.344235	0.814698	-1.22745	0.281655	0.790289	-1.26536	0.523093	1.14584	1.14584
cg05198297	PDE6B;PDE6B;PDE6B	0.00812705	0.469801	0.865412	-1.15552	0.0302083	0.605948	-1.65031	0.105813	0.706612	-1.4152	0.430338	0.853651	-1.17144	0.844033	0.96202	-1.03948
cg17643796	PDE6B;PDE6B;PDE6B	0.0108007	0.0185786	0.377755	-2.64722	0.0775531	0.512111	-1.9527	0.0577717	0.481053	-2.07877	0.0466206	2.17538	2.17538	0.439097	1.30889	1.30889
cg01967511	PDE6B;PDE6B;PDE6B	0.0120758	0.482893	1.35364	1.35364	0.0150002	0.280921	-3.55972	0.0837511	0.443689	-2.25383	0.242401	0.594822	-1.68117	0.854388	1.08113	1.08113
cg16735290	PDE6B;PDE6B;PDE6B	0.0168487	0.046508	0.519024	-1.92669	0.0109135	0.398899	-2.5069	0.129993	0.624728	-1.6007	0.135837	1.58774	1.58774	0.0169832	0.432877	-2.31012
cg17632028	PDE6B;PDE6B;PDE6B	0.0222573	0.724306	0.888783	-1.12513	0.196537	0.634685	-1.57559	0.609936	1.18685	1.18685	0.162695	1.64244	1.64244	0.00356186	0.268539	-3.72385
cg23659308	PDE6B;PDE6B;PDE6B	0.0268186	0.219511	0.793737	-1.25986	0.001563	0.443458	-2.25501	0.123004	0.741599	-1.34844	0.589384	0.907113	-1.1024	0.673508	1.07877	1.07877
cg09941851	PDE6B;PDE6B;PDE6B	0.0416697	?	?	?	0.407192	2.18616	2.18616	0.670367	0.676624	-1.47793	?	?	?	0.0125419	0.0371889	-26.8898
cg10049783	PDE6B;PDE6B;PDE6B	0.0423373	0.358134	0.749918	-1.33348	0.490027	0.807718	-1.23806	0.203561	0.664504	-1.50488	0.586412	0.845943	-1.18211	0.0006832	0.205938	-4.85583
cg22176143	PDE6B;PDE6B;PDE6B	0.0452521	0.0831313	0.503449	-1.9863	0.0297393	0.400464	-2.4971	0.218221	0.629202	-1.58931	0.608255	1.20314	1.20314	0.0160003	0.348224	-2.87171
cg05139709	PDE6B;PDE6B;PDE6B	0.0454214	0.05171	0.161689	-6.18472	0.269943	0.388553	-2.57365	0.0518705	0.161945	-6.17493	0.761799	0.778663	-1.28425	0.0135327	0.0808632	-12.3666
cg05078019	PDE6B;PDE6B;PDE6B;PDE6B	7.61E-05	0.000936673	2.42626	2.42626	0.177543	1.29336	1.29336	0.207181	0.787578	-1.26972	0.000129413	3.3001	3.3001	0.000521811	0.37869	-2.64068
cg16316382	PDE6C	4.33E-05	0.000168024	0.202445	-4.93961	0.000751918	0.279485	-3.57801	0.00182138	0.331162	-3.01967	0.00635553	0.412331	-2.42523	0.000103463	0.180364	-5.54434
cg02444484	PDE6C	0.00100932	0.000660768	0.0988691	-10.1144	0.0360237	0.338921	-2.95054	0.0280078	0.316121	-3.16335	0.00463957	0.188103	-5.31623	0.000814112	0.106495	-9.39007
cg04298323	PDE6C	0.010223	0.366126	1.32924	1.32924	0.00138425	0.241433	-4.14194	0.0542059	0.511853	-1.95368	0.321035	1.36925	1.36925	0.0915771	0.565843	-1.76728
cg22824748	PDE6C	0.0342462	0.00326875	0.469209	-2.13125	0.231538	0.789116	-1.26724	0.0841397	0.697216	-1.43428	0.376784	1.1867	1.1867	0.110287	0.72002	-1.38885
cg19635695	PDE6C;PDE6C	2.97E-06	0.0034217	0.54351	-1.83989	0.0473937	0.706286	-1.41586	9.16E-07	0.136358	-7.33361	0.0923928	0.752809	-1.32836	1.22E-05	0.242763	-4.11924
cg24001345	PDE6C;PDE6C	0.000536775	0.916031	1.02165	1.02165	0.0916905	1.45802	1.45802	0.000787958	0.356885	-2.80202	0.963421	0.990731	-1.00936	6.71E-05	0.226982	-4.40564
cg20569070	PDE6D	0.0028376	0.953707	1.01439	1.01439	0.039126	0.555688	-1.79957	0.00353811	0.377936	-2.64595	0.457661	1.20459	1.20459	0.000225927	0.221041	-4.52404
cg16879907	PDE6D	0.00450803	0.0286021	0.598748	-1.67015	0.0184018	0.566645	-1.76477	0.0861223	0.686179	-1.45734	0.072641	1.48849	1.48849	0.000453695	0.333714	-2.99658
cg20405508	PDE6D	0.00460225	0.001468	0.615827	-1.62383	0.842303	1.02125	1.02125	0.046295	1.27252	1.27252	0.179853	1.16227	1.16227	0.172978	1.16543	1.16543
cg14824579	PDE6D	0.0091411	0.471521	0.949639	-1.05303	0.605546	1.03744	1.03744	0.952721	0.995825	-1.00419	0.687564	1.02893	1.02893	0.00163629	0.727421	-1.37472
cg09406584	PDE6D	0.0110122	0.00709949	0.500136	-1.99946	0.342773	0.823076	-1.21496	0.000350059	0.318286	-3.14183	0.449853	0.857792	-1.16578	0.0704622	0.668478	-1.49593
cg07303496	PDE6D	0.0247672	0.0940396	0.753896	-1.32644	0.709024	1.05921	1.05921	0.397973	1.14202	1.14202	0.154776	0.791618	-1.26324	0.0336337	0.683335	-1.46341
cg07414097	PDE6D	0.0292655	0.420893	0.933025	-1.07178	0.221784	0.897388	-1.11434	0.00283504	1.41414	1.41414	0.0961119	1.16656	1.16656	0.3845	0.927583	-1.07807
cg21016445	PDE6G;PDE6G	0.000860251	0.000359842	0.119194	-8.38969	0.000712046	0.1472	-6.79348	0.00377139	0.233905	-4.27524	0.00450722	0.244881	-4.08362	0.000228211	0.102689	-9.73813
cg20834073	PDE6G;PDE6G	0.00478517	0.0152573	2.51557	2.51557	0.00408161	0.303197	-3.29819	0.131222	0.603776	-1.65624	0.194799	1.52905	1.52905	0.174951	0.639738	-1.56314
cg15923688	PDE6G;PDE6G	0.0121973	0.693983	1.15847	1.15847	0.00333957	0.22631	-4.41872	0.00743506	0.277362	-3.6054	0.141949	1.79924	1.79924	0.0537101	0.44268	-2.25897
cg03253385	PDE6H	0.00711376	0.216473	0.848477	-1.17858	0.0041108	0.6149	-1.62628	0.0676484	0.77211	-1.29515	0.170213	1.20267	1.20267	0.0161772	0.689578	-1.45016
cg12572827	PDE6H	0.0101696	0.148909	1.39893	1.39893	0.00138017	0.365684	-2.7346	0.0185613	0.538443	-1.85721	0.0863999	1.50804	1.50804	0.684663	0.915262	-1.09258
cg16138674	PDE6H	0.0155296	0.189054	1.33325	1.33325	0.00547126	0.469919	-2.12803	0.78591	1.0579	1.0579	0.421194	0.843783	-1.18514	0.940716	1.01549	1.01549
cg27410091	PDE7A	6.61E-05	0.277942	0.837033	-1.1947	0.139766	0.778386	-1.28471	0.0168516	0.631431	-1.5837	0.320686	1.1756	1.1756	2.29E-06	0.162339	-6.15995
cg06222774	PDE7A	0.000328168	0.59242	0.908261	-1.10101	0.0490569	1.49197	1.49197	0.946321	1.01206	1.01206	0.035835	1.54472	1.54472	0.00599307	0.527519	-1.89567
cg15993048	PDE7A	0.00263448	0.0276246	0.665682	-1.50222	0.0720189	0.730678	-1.36859	0.917567	1.01631	1.01631	0.86025	1.02792	1.02792	5.50E-05	0.309332	-3.23278
cg14864167	PDE7A	0.0421528	0.00837563	0.139343	-7.17653	0.821018	1.14177	1.14177	0.187373	0.441524	-2.26488	0.277787	0.516681	-1.93543	0.0128601	0.164099	-6.0939
cg00465686	PDE7A;PDE7A	0.00255087	0.0120976	0.583847	-1.71278	0.0308444	0.646542	-1.54669	0.00119323	0.441771	-2.26362	0.933953	0.985844	-1.01436	0.000713383	0.412108	-2.42655
cg11209200	PDE7A;PDE7A	0.0104199	0.357243	0.890656	-1.12277	0.0352589	0.740896	-1.34972	0.157633	0.831277	-1.20297	0.884488	0.982378	-1.01794	0.446089	1.09965	1.09965
cg00957886	PDE7A;PDE7A	0.0280159	0.764635	0.907942	-1.10139	0.00111187	0.213287	-4.68851	0.0507607	0.488773	-2.04594	0.291123	1.42239	1.42239	0.557597	0.826339	-1.21016
cg06195829	PDE7A;PDE7A	0.0372555	0.0726453	0.648452	-1.54213	0.0968406	1.4832	1.4832	0.0326428	1.71729	1.71729	0.0434251	0.605106	-1.6526	0.713416	0.923316	-1.08305

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10738026	0.0150628	0.160045	-6.24823	0.661276	0.778381	-1.28472	0.845054	1.11738	1.11738	0.337484	0.56732	-1.76267	15.9645	68.8044	3.23238	1
cg07874896	0.0357466	0.428304	-2.33479	0.261448	0.666063	-1.50136	0.0390854	2.29023	2.29023	0.672025	1.15925	1.15925	7.25049	13.827	1.69514	1
cg01980587	0.218033	0.865543	-1.15534	0.0216744	0.735504	-1.35961	0.00663187	0.675244	-1.48095	0.0490907	0.77853	-1.28447	6.24673	1.22867	0.174836	1
cg13670957	0.195517	1.14666	1.14666	0.466494	1.07689	1.07689	0.0164708	0.746055	-1.34038	0.403951	0.91817	-1.08912	5.33007	0.843616	0.140689	1
cg24174730	0.0548243	0.326845	-3.05955	0.00102424	0.0821381	-12.1746	0.385708	0.633425	-1.57872	0.0522462	0.321863	-3.10691	5.15235	21.5144	3.7117	1
cg04326562	0.705861	0.948934	-1.05381	0.0182208	0.672844	-1.48623	0.0162462	0.666096	-1.50129	0.0650339	0.750969	-1.33161	4.21473	1.27564	0.269033	1
cg02711128	0.352892	1.36059	1.36059	0.322092	0.719291	-1.39026	0.184159	1.57428	1.57428	0.407155	1.31408	1.31408	3.62302	5.95381	1.46074	1
cg05341232	0.72898	0.833279	-1.20008	0.00618611	0.153792	-6.50229	0.00525351	0.145131	-6.89031	0.282572	0.556833	-1.79587	3.57016	15.5467	3.87077	1
cg05606136	0.00226538	0.255109	-3.9199	0.252792	0.682489	-1.46523	0.750033	1.10763	1.10763	0.379584	1.33412	1.33412	3.4054	5.51637	1.4399	1
cg18816098	0.333634	1.29221	1.29221	0.0775928	0.603948	-1.65577	0.0205342	2.04911	2.04911	0.246724	1.36531	1.36531	3.65234	3.82266	0.93034	1
cg20473977	0.00256689	0.264682	-3.77812	8.46E-05	0.10577	-9.45444	0.2645	0.690928	-1.44733	0.00841823	0.343079	-2.91478	11.9401	19.1112	1.42275	1
cg22495322	0.0727468	0.491926	-2.03282	0.0469432	0.446664	-2.23882	0.0023726	4.49004	4.49004	0.505119	1.27081	1.27081	5.617	11.1723	1.76802	1
cg17287998	0.797532	0.936829	-1.06743	0.426116	0.813606	-1.2291	0.0729976	0.601944	-1.66128	0.0122821	0.453111	-2.20696	4.54927	4.6422	0.907048	1
cg10487428	0.0367226	0.462949	-2.16007	0.318319	0.720853	-1.38725	0.0422496	2.10115	2.10115	0.427199	1.29339	1.29339	4.3903	7.00261	1.41779	1
cg21023952	0.0702917	0.495048	-2.02001	0.0147765	0.352587	-2.83618	0.221244	0.639649	-1.56336	0.0282015	0.406353	-2.46092	4.13271	7.90414	1.70007	1
cg07267294	0.00299329	0.226233	-4.42021	0.000478958	0.135272	-7.39252	0.0399701	0.420382	-2.37879	0.00234326	0.212203	-4.71248	11.593	24.4633	1.87572	1
cg03653541	0.238019	0.748835	-1.33541	3.45E-05	0.153439	-6.51725	0.00880143	2.18286	2.18286	0.0485006	1.69462	1.69462	11.1076	9.6338	0.77095	1
cg27583655	0.428	0.910697	-1.09806	0.0277633	0.740301	-1.3508	0.0602379	0.782708	-1.27762	0.00156218	0.591291	-1.69121	10.0093	2.1184	0.188128	1
cg26870744	0.150266	1.17195	1.17195	0.000115679	0.49886	-2.00457	0.45934	0.925409	-1.0806	0.0333926	0.774307	-1.29148	9.88002	1.65659	0.149041	1
cg02499640	0.0602156	0.271078	-3.68897	0.00833011	0.12534	-7.97829	0.0568515	0.265178	-3.77104	0.167034	0.403648	-2.47741	6.48625	38.962	5.33943	1
cg12400680	0.167407	1.5515	1.5515	0.0301655	0.453792	-2.20365	0.400837	0.776578	-1.2877	0.617002	1.15888	1.15888	8.11421	10.4056	0.854932	1
cg11258089	0.913499	0.983823	-1.01644	0.0046216	0.567992	-1.76059	0.0265555	0.673938	-1.48382	0.0665531	1.36179	1.36179	5.05726	1.80453	0.317174	1
cg16261871	0.576072	0.948612	-1.05417	0.232029	0.889533	-1.12419	0.0129906	0.749852	-1.3336	0.0529064	1.22809	1.22809	4.84419	0.669153	0.122787	1
cg08554295	0.431916	1.20376	1.20376	0.000843804	0.313297	-3.19186	0.268664	0.766153	-1.30522	0.78817	0.939632	-1.06425	4.70963	3.98749	0.752592	1
cg26800788	0.578584	1.31506	1.31506	0.978186	1.01344	1.01344	0.9293	0.957608	-1.04427	0.294706	1.69973	1.69973	4.49366	16.957	3.35425	1
cg05602356	0.000804726	2.24547	2.24547	1.07E-05	0.222581	-4.49276	0.00754232	0.577012	-1.73306	0.700341	0.940019	-1.06381	26.2794	10.6483	0.360173	1
cg26817935	0.562955	1.11224	1.11224	0.00563581	0.516413	-1.93644	0.00242039	2.15593	2.15593	0.000453556	0.365989	-2.73232	16.2458	8.51237	0.465753	1
cg16377679	0.306286	1.26394	1.26394	0.000164034	0.241414	-4.14226	0.036551	1.71139	1.71139	0.540455	0.871935	-1.14687	11.5223	8.92423	0.68846	1
cg07200957	0.478501	1.1554	1.1554	0.00219692	0.422828	-2.36503	0.167632	0.744643	-1.34293	0.0159458	0.553422	-1.80694	10.5647	6.72469	0.565799	1
cg22078451	0.000149384	6.90421	6.90421	0.818143	0.933972	-1.0707	0.010905	2.58004	2.58004	0.509036	0.819817	-1.21978	6.46394	9.00513	1.23834	1
cg00335124	0.0118875	2.40972	2.40972	0.729444	1.10214	1.10214	0.0332086	2.00838	2.00838	0.0807541	0.581302	-1.72028	6.45206	8.01816	1.10465	1
cg26939607	0.321745	0.665962	-1.50159	0.0269985	0.353473	-2.82907	0.492575	0.75823	-1.31886	0.00525084	0.23179	-4.31424	6.43445	16.0717	2.22022	1
cg18425032	0.348348	0.691186	-1.44679	0.00302529	0.211263	-4.73344	0.844257	1.07814	1.07814	0.00791717	0.271762	-3.67969	5.77731	13.3898	2.06014	1
cg06974135	0.585765	0.856432	-1.16763	0.139466	1.56498	1.56498	0.0529409	1.85791	1.85791	0.0612744	0.552184	-1.81099	5.48439	6.88912	1.11656	1
cg16578883	0.162929	0.505455	-1.97841	0.0101453	0.226386	-4.41723	0.219307	1.80719	1.80719	0.04284	0.343746	-2.90913	5.41359	17.9931	2.95439	1
cg09062288	0.0733625	0.727154	-1.37522	0.777743	1.04619	1.04619	0.0512291	0.70169	-1.42513	0.00501536	0.552976	-1.8084	4.47697	1.80563	0.358504	1
cg06046805	0.0986002	0.602283	-1.66035	0.0337778	0.499618	-2.00153	0.49438	1.21441	1.21441	0.140112	0.641238	-1.55948	4.41051	5.47391	1.1032	1
cg05593411	0.965102	0.992278	-1.00778	0.421638	0.864631	-1.15656	0.847149	0.966384	-1.03478	0.0170623	1.6741	1.6741	3.76601	1.87261	0.441991	1
cg24752644	0.231767	0.678331	-1.47421	0.0166097	0.404457	-2.47245	0.460424	0.792501	-1.26183	0.201808	0.658961	-1.51754	3.73281	5.66144	1.34815	1
cg17584009	0.234096	1.64532	1.64532	0.00447048	4.54245	4.54245	0.259097	1.59999	1.59999	0.243278	1.62807	1.62807	3.42286	8.63858	2.24337	1
cg23977954	0.00481231	1.14281	1.14281	4.09E-06	0.683097	-1.46392	0.014662	1.11318	1.11318	0.286422	0.961267	-1.04029	57.9968	1.16963	0.0179264	1
cg23933216	0.621925	0.916722	-1.09084	0.600954	1.09671	1.09671	0.441445	0.871698	-1.14719	0.00285708	0.487708	-2.05041	12.1025	5.86558	0.430807	1
cg10822149	0.000306456	0.313267	-3.19216	0.000639986	0.354241	-2.82294	0.555305	1.12538	1.12538	0.00320655	0.450906	-2.21776	11.8604	7.36358	0.551872	1
cg19084726	0.11091	0.710187	-1.40808	0.0461648	0.637522	-1.56857	7.39E-05	4.13403	4.13403	0.445596	1.16557	1.16557	9.32439	5.7337	0.54659	1
cg00452270	0.880049	0.970464	-1.03044	0.929739	1.01766	1.01766	0.845712	1.03944	1.03944	0.331828	0.819731	-1.21991	6.05317	3.77901	0.554935	1
cg21686944	0.748683	0.947612	-1.05528	0.0207529	1.5937	1.5937	0.000501496	0.402107	-2.4869	0.831457	1.03632	1.03632	5.27125	2.33961	0.394528	1
cg03933321	0.0648988	0.442149	-2.26168	0.00227162	0.18622	-5.36999	0.00835471	0.265328	-3.76892	0.0605238	0.434656	-2.30067	4.74583	11.6495	2.18193	1
cg11935147	0.829513	0.955245	-1.04685	0.306106	0.798522	-1.25231	0.000256626	3.58953	3.58953	0.791731	1.0578	1.0578	4.71745	3.36851	0.634714	1
cg18089019	0.210898	0.826304	-1.21021	0.0313349	0.693817	-1.4413	0.0891622	0.762377	-1.31169	0.607987	0.927852	-1.07776	3.42203	1.13535	0.294912	1
cg17477990	0.0198833	1.45421	1.45421	0.000196036	2.30292	2.30292	0.0374622	1.37936	1.37936	0.404362	1.12037	1.12037	16.6802	4.68776	0.249812	1
cg22712955	0.175022	0.587035	-1.70348	0.000165201	0.0933907	-10.7077	0.26575	0.651634	-1.5346	0.00279178	0.218294	-4.58097	9.29083	20.0675	1.91993	1
cg09222993	0.000145838	0.383812	-2.60544	0.170405	0.807457	-1.23846	0.194124	1.22291	1.22291	0.000475701	0.447697	-2.23365	15.5605	5.28808	0.302079	1
cg09366969	0.94897	1.02693	1.02693	0.0626278	0.418985	-2.38672	0.000641726	8.80555	8.80555	0.953738	0.976199	-1.02438	5.65784	15.4479	2.42699	1
cg07703701	0.0922936	0.33656	-2.97124	0.00130043	0.0637461	-15.6872	0.266762	1.97394	1.97394	0.0231318	0.202691	-4.93361	5.64843	30.9013	4.86291	1
cg10505902	0.76638	1.10619	1.10619	0.00157584	0.214941	-4.65243	0.388817	0.741452	-1.34871	0.0177032	0.376413	-2.65665	4.26381	7.74749	1.61514	1
cg26565113	0.212946	1.60227	1.60227	0.20311	1.62069	1.62069	0.0586546	2.15467	2.15467	0.871936	0.943669	-1.05969	4.94213	10.1101	1.8184	1
cg05771459	0.715064	1.14963	1.14963	0.163876	1.75948	1.75948	0.875674	1.06136	1.06136	0.863884	1.06744	1.06744	4.32709	9.9131	2.03639	1
cg19741832	0.0636159	1.65759	1.65759	0.0012158	3.15032	3.15032	0.0340371	1.82129	1.82129	0.0875729	1.57933	1.57933	4.23931	3.94286	0.82673	1
cg15743907	0.672418	1.21012	1.21012	0.0217113	3.44075	3.44075	0.0477323	2.75994	2.75994	0.206283	1.81814	1.81814	4.19264	13.3532	2.83103	1
cg04156383	0.51867	0.825063	-1.21203	0.603046	0.857107	-1.16672	0.592439	1.17211	1.17211	0.0197664	0.437245	-2.28705	3.72502	5.09586	1.21601	1
cg12571892	0.504272	0.850837	-1.17531	0.175866	1.40928	1.40928	0.985478	1.00435	1.00435	0.921862	0.976884	-1.02366	4.93221	4.43874	0.799955	1
cg09543727	0.00119999	0.158829	-6.29607	9.75E-05	18.4943	18.4943	0.00014296	15.2606	15.2606	5.00E-05	26.6161	26.6161	38.4321	64.408	1.11726	1
cg09786608	0.883256	1.00906	1.00906	0.00554018	0.799449	-1.25086	0.0493916	0.871339	-1.14766	0.719079	1.02243	1.02243	5.59659	0.334279	0.0530925	1
cg04635366	0.163781	0.642602	-1.55617	0.0226086	0.443762	-2.25346	0.335742	0.744229	-1.34367	0.678366	1.13214	1.13214	9.85402	12.2864	1.24684	1
cg21123740	0.00381024	0.171839	-5.81942	0.00259298	0.151983	-6.57968	0.596333	1.27288	1.27288	0.0356901	0.331749	-3.01433	9.6067	30.997	2.8681	1
cg08957091	0.0118712	0.292591	-3.41774	0.000760662	0.135803	-7.36358	0.853246	1.07515	1.07515	0.00178204	0.175469	-5.69902	7.53927	18.2837	2.15567	1
cg08425177	0.843033	0.961118	-1.04045	0.000179601	0.281185	-3.55638	0.687	1.0844	1.0844	0.110116	0.705864	-1.4167	7.4305	4.70884	0.563305	1
cg05453071	0.307907	0.767651	-1.30268	0.186541	0.70411	-1.42023	0.00349666	2.6983	2.6983	0.0655455	1.67836	1.67836	6.87383	6.83347	0.88367	1
cg01112236	0.115849	0.842258	-1.18729	0.111479	1.1902	1.1902	0.0909316	0.829407	-1.20568	0.000354094	0.562015	-1.77931	6.72362	1.07431	0.142028	1
cg07154408	0.35101	1.29513	1.29513	0.00012981	0.166777	-5.99603	0.694817	1.11208	1.11208	0.81853	1.06387	1.06387	6.46706	7.43477	1.0219	1
cg13479953	0.583549	1.14378	1.14378	0.0325344	1.83521	1.83521	0.772145	1.07299	1.07299	0.427301	0.821464	-1.21734	4.88741	4.55759	0.828902	1
cg09120456	0.84029	1.02989	1.02989	0.0718978	0.745845	-1.34076	0.217815	1.20829	1.20829	0.193246	1.22255	1.22255	4.01693	1.35514	0.299874	1
cg23138179	0.38688	0.752948	-1.32811	0.468086	1.26642	1.26642	0.00395922	0.289448	-3.45486	0.587617	0.839316	-1.19145	3.63746	5.89623	1.44086	1
cg24863706	0.485009	1.10641	1.10641	0.00097047	0.496746	-2.0131	0.440369	1.11867	1.11867	0.264629	1.18021	1.18021	3.57529	1.15002	0.285917	1
cg18915143	0.000325141	1.4314	1.4314	3.00E-06	1.98749	1.98749	0.0151894	1.2021	1.2021	0.430276	0.951523	-1.05095	21.4466	1.29404	0.0536335	1
cg18011230	0.753525	0.919471	-1.08758	1.56E-05	0.0926121	-10.7977	8.23E-05	0.150938	-6.62524	0.0565516	0.562512	-1.77774	20.3865	22.9377	1.00012	1
cg19460950	0.00652301	0.366132	-2.73125	0.107776	0.607223	-1.64684	0.355633	0.763311	-1.31008	0.225303	0.69629	-1.43618	4.14952	5.31002	1.13748	1
cg08844313	0.615923	0.894764	-1.11761	0.271704	1.28602	1.28602	0.856129	1.04071	1.04071	0.0172789	0.528574	-1.89188	3.92236	3.00257	0.680446	1
cg15348028	8.76E-05	0.35122	-2.84721	0.371349	1.14634	1.14634	0.0199546	0.658407	-1.51882	0.00203858	0.52361	-1.90982	19.3593	6.78824	0.311684	1
cg22992266	0.000937887	0.435897	-2.29412	3.46E-05	0.259995	-3.84623	0.000315846	0.374682	-2.66893	0.0933119	0.733073	-1.36412	14.3583	6.43435	0.398336	1
cg02237540	0.0535226	0.559002	-1.7889	4.19E-05	0.12635	-7.91452	0.189648	0.69178	-1.44555	0.00041445	0.226293	-4.41905	12.2911	13.6943	0.990372	1
cg09382601	0.594505	1.08655	1.08655	0.0979992	1.32371	1.32371	0.0149183	0.629683	-1.5881	0.0518172	0.710419	-1.40762	9.34729	3.53392	0.336061	1
cg27149937	0.0861296	0.584456	-1.71099	0.0113467	2.45424	2.45424	0.0347529	0.498051	-2.00783	0.259402	1.39547	1.39547	7.23343	9.18987	1.12931	1
cg04926732	0.672284	0.89621	-1.11581	0.840903	1.05313	1.05313	0.403008	1.24658	1.24658	0.373271	0.790257	-1.26541	5.39933	5.67191	0.933763	1
cg06444452	0.588709	1.17589	1.17589	0.214726	1.47351	1.47351	0.570656	0.843585	-1.18542	0.797751	0.926615	-1.0792	5.18561	7.23482	1.24015	1
cg26397250	0.71035	0.931059	-1.07405	0.00176419	2.34673	2.34673	0.104913	1.40399	1.40399	0.459941	1.15496	1.15496	4.61451	2.67969	0.516186	1
cg11153768	0.0148763	0.276161	-3.62107	0.00716252	0.22502	-4.44404	0.0293717	0.332116	-3.01099	0.039829	0.360313	-2.77536	4.51477	13.1944	2.59777	1
cg02031260	0.67964	1.09144	1.09144	0.00100681	0.357561	-2.79673	0.0651737	0.646462	-1.54688	0.177921	0.739602	-1.35208	4.21601	2.96454	0.625033	1
cg10194729	0.463903	0.590551	-1.69333	0.0680027	0.235972	-4.23779	0.466861	1.68724	1.68724	0.845616	0.871335	-1.14766	4.10929	32.4863	7.02716	1
cg20597264	0.177209	1.29418	1.29418	0.0118771	1.75883	1.75883	0.626053	1.09231	1.09231	0.752219	0.944642	-1.0586	4.0863	2.09231	0.455137	1
cg27357918	0.492384	0.679412	-1.47186	0.132316	0.406411	-2.46056	0.511095	0.691082	-1.44701	0.55595	1.39122	1.39122	4.0411	19.6689	4.3264	1
cg03291607	0.0757487	0.564526	-1.7714	0.00237763	0.293625	-3.40571	0.646423	0.874931	-1.14295	0.54578	0.837906	-1.19345	3.93468	5.2143	1.17797	1
cg19463531	0.0199095	2.01889	2.01889	0.26425	0.747582	-1.33765	0.0512216	1.74196	1.74196	0.424196	1.22635	1.22635	3.67139	3.63407	0.879855	1
cg11164441	0.222281	0.865257	-1.15573	0.495341	1.08125	1.08125	9.00E-06	0.337873	-2.95969	6.76E-05	0.439051	-2.27764	25.749	5.19206	0.179236	1
cg20738372	2.26E-05	0.196055	-5.1006	0.000120397	0.275434	-3.63063	0.0242105	0.597167	-1.67457	0.00939289	0.531605	-1.8811	22.5029	13.1204	0.51827	1
cg16955704	0.0166907	0.515445	-1.94007	0.000205628	0.244056	-4.09741	0.357531	1.23937	1.23937	0.00241048	0.383439	-2.60798	13.8039	11.2456	0.724147	1
cg14394880	0.00714196	0.242426	-4.12496	0.002855	0.187414	-5.33577	0.352295	0.676776	-1.47759	0.00119478	0.144153	-6.93707	13.1907	34.7563	2.34214	1
cg01681072	0.569451	1.12405	1.12405	0.015318	1.83214	1.83214	0.0835023	0.677293	-1.47647	0.412206	0.843212	-1.18594	11.6396	7.62679	0.582438	1
cg14080925	0.105683	0.664476	-1.50494	0.00171267	0.355096	-2.81614	0.811201	0.946158	-1.05691	0.000578616	0.291922	-3.42558	11.0275	9.34168	0.753	1
cg06677470	0.545222	1.07544	1.07544	0.00047365	1.91973	1.91973	0.483601	0.918901	-1.08826	0.333821	0.888321	-1.12572	9.92701	2.21891	0.198687	1
cg15091868	0.0357301	0.716469	-1.39573	0.0822299	0.768994	-1.3004	0.0822667	0.769023	-1.30035	0.0740482	0.762151	-1.31208	9.75206	2.87492	0.262046	1
cg23980776	0.895642	1.05515	1.05515	0.00510239	0.220066	-4.54409	0.532414	1.29521	1.29521	0.0146072	0.292261	-3.4216	8.57892	22.7348	2.35562	1
cg11572308	0.0115292	1.41862	1.41862	0.000545966	1.81213	1.81213	0.980726	0.99733	-1.00268	0.0278207	0.749954	-1.33341	7.02636	1.36306	0.172437	1
cg04125205	0.000872431	0.349821	-2.85861	0.00226925	0.407286	-2.45527	0.46008	0.853673	-1.17141	0.00211236	0.402845	-2.48235	6.99464	4.90166	0.62291	1
cg05198297	0.0421211	1.58453	1.58453	0.0541924	1.53653	1.53653	0.186814	1.31662	1.31662	0.000716538	0.363353	-2.75214	6.31275	3.86333	0.54399	1
cg17643796	0.0602798	0.485407	-2.06012	0.00694911	0.303833	-3.29128	0.0241247	2.50254	2.50254	0.35775	0.724261	-1.38072	5.76637	10.6259	1.63798	1
cg01967511	0.402969	0.695297	-1.43823	0.000335902	0.0858359	-11.6501	0.750291	1.1452	1.1452	0.0953147	0.459258	-2.17743	5.56212	15.8826	2.53822	1
cg16735290	0.0304419	0.48112	-2.07848	0.00892263	0.384078	-2.60364	0.233453	0.698149	-1.43236	0.0161893	0.429098	-2.33047	4.98436	6.53097	1.1647	1
cg17632028	0.719646	0.886921	-1.1275	0.00226878	0.241293	-4.14435	0.961936	0.984236	-1.01602	0.37327	0.737635	-1.35568	4.5358	7.96272	1.56047	1
cg23659308	0.706679	1.06998	1.06998	0.0397088	1.53033	1.53033	0.287828	0.820833	-1.21827	0.108856	0.731355	-1.36733	4.2517	2.15542	0.450625	1
cg09941851	0.0224163	0.0596057	-16.7769	0.0610806	0.124745	-8.01635	0.0156115	0.0446281	-22.4074	0.13876	0.218335	-4.58012	5.34468	49.9081	6.66993	1
cg10049783	0.376968	0.758733	-1.31799	0.758425	1.0985	1.0985	0.296764	0.719309	-1.39022	0.573319	1.18923	1.18923	3.60661	5.29804	1.30576	1
cg22176143	0.0534837	0.456319	-2.19145	0.00802796	0.296709	-3.3703	0.217054	0.628386	-1.59138	0.0676349	0.480777	-2.07997	3.51816	7.13006	1.80146	1
cg05139709	0.107975	0.236161	-4.23441	0.00514965	0.0478225	-20.9107	0.94014	1.06375	1.06375	0.0620935	0.177548	-5.63229	3.51324	37.6799	9.53344	1
cg05078019	0.308622	0.827649	-1.20824	0.0269702	0.624864	-1.60035	2.27E-05	4.58865	4.58865	0.0704541	0.695616	-1.43757	23.814	12.1547	0.453692	1
cg16316382	0.000103643	0.180441	-5.54198	3.20E-06	0.0637927	-15.6758	0.000721828	0.277211	-3.60737	0.000154132	0.198412	-5.04001	27.6514	27.2402	0.875669	1
cg02444484	0.0057979	0.201204	-4.97007	0.000104635	0.0477396	-20.947	0.0131166	0.255421	-3.91511	0.00566137	0.199771	-5.00573	11.7356	36.5855	2.77109	1
cg04298323	0.0889688	1.77714	1.77714	0.0587443	0.519751	-1.924	0.0385268	0.479641	-2.08489	0.0235258	0.436422	-2.29136	5.86904	8.73327	1.32269	1
cg22824748	0.28868	1.23107	1.23107	0.0560775	1.5044	1.5044	0.853901	0.965807	-1.0354	0.717328	0.933682	-1.07103	3.89768	2.19895	0.501483	1
cg19635695	3.30E-07	0.102888	-9.71934	9.53E-06	0.23155	-4.31872	7.12E-05	0.329544	-3.03449	0.000230092	0.391527	-2.5541	55.4829	20.6514	0.330855	1
cg24001345	0.195862	1.32016	1.32016	0.000250813	0.29336	-3.40878	0.392126	0.836918	-1.19486	0.267561	0.790946	-1.26431	14.0116	9.15023	0.580485	1
cg20569070	0.206237	0.720275	-1.38836	0.000935053	0.296576	-3.37182	0.753516	0.925404	-1.08061	0.306755	0.770739	-1.29746	8.70055	8.34615	0.852682	1
cg16879907	0.195659	0.762013	-1.31231	0.0627789	0.659806	-1.5156	0.0774183	1.47678	1.47678	0.0254132	0.590012	-1.69488	7.57362	4.73124	0.555288	1
cg20405508	0.000792638	1.70774	1.70774	0.830177	0.97758	-1.02293	0.0753296	1.23249	1.23249	0.252082	1.13463	1.13463	7.52621	1.32847	0.1569	1
cg14824579	0.000515606	0.682268	-1.4657	0.982612	1.00154	1.00154	0.113171	0.885472	-1.12934	0.978678	0.998116	-1.00189	6.08226	0.479508	0.0700775	1
cg09406584	0.933244	0.98345	-1.01683	0.878292	1.031	1.031	0.515931	1.14022	1.14022	0.0907245	0.689871	-1.44955	5.73048	3.60162	0.558669	1
cg07303496	0.00431214	0.556787	-1.79602	0.905635	1.01836	1.01836	0.169209	1.25199	1.25199	0.0505424	1.40766	1.40766	4.37142	1.63011	0.331468	1
cg07414097	0.278715	0.909414	-1.09961	0.459835	0.938525	-1.0655	0.81843	1.01958	1.01958	0.0259199	1.24973	1.24973	4.12291	0.464128	0.100065	1
cg21016445	0.0159836	0.33412	-2.99294	0.00280404	0.21643	-4.62042	0.00619004	0.265326	-3.76894	0.00644921	0.268057	-3.73054	12.2783	26.8606	1.94458	1
cg20834073	0.0301053	0.45396	-2.20284	0.426627	0.777761	-1.28574	0.00209125	3.82136	3.82136	0.426036	0.777501	-1.28617	7.43752	11.2931	1.34968	1
cg15923688	0.0279621	0.380607	-2.62738	0.00895693	0.290356	-3.44405	0.267538	0.650727	-1.53674	0.132385	0.54658	-1.82956	5.54407	12.1508	1.94816	1
cg03253385	0.623333	0.939377	-1.06454	0.00186162	0.572479	-1.74679	0.910729	1.01427	1.01427	0.0393666	1.35138	1.35138	6.58193	1.66379	0.224695	1
cg12572827	0.690044	0.916738	-1.09082	0.0690753	1.55448	1.55448	0.87361	1.03513	1.03513	0.0347928	0.5865	-1.70503	5.8789	4.37909	0.662117	1
cg16138674	0.0762896	1.50332	1.50332	0.812103	0.951965	-1.05046	0.836962	1.04351	1.04351	0.00159459	0.392027	-2.55085	5.1215	3.46604	0.601566	1
cg27410091	0.0103607	0.601017	-1.66385	0.0825095	0.738429	-1.35423	0.000289144	2.54052	2.54052	0.00627559	0.570395	-1.75317	24.7274	9.73605	0.349987	1
cg06222774	0.21808	0.793975	-1.25949	2.39E-05	0.223062	-4.48307	0.00172908	2.21646	2.21646	0.0171899	0.596314	-1.67697	16.0506	8.06036	0.446387	1
cg15993048	0.0934126	0.74951	-1.3342	0.0934526	1.33415	1.33415	0.207137	0.812312	-1.23105	0.489812	1.11585	1.11585	8.89366	3.43911	0.343727	1
cg14864167	0.503532	0.672214	-1.48762	0.00563503	0.119343	-8.37922	0.700876	0.797857	-1.25336	0.249648	0.494644	-2.02166	3.61246	19.5844	4.81899	1
cg00465686	0.585619	1.09932	1.09932	0.113298	0.743477	-1.34503	0.0186321	1.63329	1.63329	0.343435	1.18279	1.18279	8.97863	4.20722	0.416517	1
cg11209200	0.029202	1.36926	1.36926	0.000561654	1.92342	1.92342	0.941659	1.00899	1.00899	0.52735	1.08147	1.08147	5.83325	1.38186	0.210573	1
cg00957886	0.620668	0.851755	-1.17405	0.309423	1.40259	1.40259	0.962727	1.01514	1.01514	0.0545462	0.495845	-2.01676	4.18695	6.85987	1.45635	1
cg06195829	0.488992	0.858964	-1.16419	0.0528121	0.621221	-1.60973	0.0926661	1.49213	1.49213	0.355855	1.22803	1.22803	3.78036	2.80086	0.658574	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04254159	PDE7A;PDE7A	0.0380339	0.794152	1.07741	1.07741	0.0614553	0.5484	-1.82349	0.266338	0.718758	-1.39129	0.0313572	0.486746	-2.05446	0.627297	0.869783	-1.14971	0.00569656	0.355621	-2.81199	0.045681	1.92184	1.92184	0.558137	1.18396	1.18396	0.815562	0.935547	-1.06889	3.75191	4.83107	1.14456	1
cg14270650	PDE7B	0.000517692	0.616787	1.08634	1.08634	0.186856	1.25817	1.25817	0.000816317	0.436809	-2.28933	0.978315	0.995548	-1.00447	0.001068	0.452191	-2.21145	0.447146	0.880576	-1.13562	0.0694262	0.716501	-1.39567	0.00344288	1.9196	1.9196	0.000108752	0.326519	-3.06261	14.1533	6.03949	0.379307	1
cg12787530	PDE7B	0.00123855	0.026508	0.727747	-1.3741	0.000170503	2.16453	2.16453	0.109951	1.23433	1.23433	0.0171984	1.42016	1.42016	0.000966276	0.552315	-1.81056	0.362427	1.11975	1.11975	0.79215	0.968592	-1.03243	0.216353	1.17023	1.17023	0.788635	1.033	1.033	11.0714	2.56001	0.205536	1
cg13864354	PDE7B	0.00188683	0.00179886	0.740784	-1.34992	0.00896994	0.798862	-1.25178	0.00717097	0.790907	-1.26437	0.0665498	0.870211	-1.14915	0.00612216	0.785268	-1.27345	0.0245961	0.834521	-1.19829	0.00419823	1.29579	1.29579	0.522037	1.04482	1.04482	0.00833833	0.79627	-1.25586	9.80672	0.709173	0.06428	1
cg11453174	PDE7B	0.00310194	0.622895	0.909738	-1.09922	0.940957	1.01424	1.01424	0.671137	0.921721	-1.08493	0.985737	1.00342	1.00342	7.67E-05	0.254719	-3.92589	0.00964608	0.535155	-1.86862	0.0342649	1.60224	1.60224	0.529655	0.885567	-1.12922	0.181389	0.762774	-1.311	8.47359	4.88858	0.512818	1
cg04152196	PDE7B	0.00760675	0.0504747	0.326704	-3.06087	0.553705	0.740346	-1.35072	0.358934	0.622887	-1.60543	0.0614888	0.347441	-2.87819	0.00169424	0.105328	-9.49413	0.616069	1.2888	1.2888	0.000342641	0.0553959	-18.0519	0.43281	0.669176	-1.49438	0.310535	0.590623	-1.69313	6.44539	25.7083	3.54545	1
cg24183237	PDE7B	0.00808359	0.638959	1.11934	1.11934	0.097272	1.54367	1.54367	0.0103607	0.462835	-2.1606	0.14916	1.44637	1.44637	0.00375679	0.393264	-2.54282	0.0844118	1.57684	1.57684	0.655904	0.89853	-1.11293	0.630711	1.1225	1.1225	0.00498825	0.412049	-2.4269	6.32343	5.70048	0.801321	1
cg08109136	PDE7B	0.011644	0.00152138	0.279993	-3.57151	0.212621	0.693472	-1.44202	0.0077663	0.385499	-2.59404	0.0976325	0.602429	-1.65995	0.00439632	0.346317	-2.88753	0.32679	0.754056	-1.32616	0.00540174	0.360189	-2.77632	0.196716	0.683453	-1.46316	0.0945962	0.599096	-1.66918	5.62816	6.93075	1.09461	1
cg08378567	PDE7B	0.0217881	0.0290877	0.486221	-2.05668	0.0233691	0.467879	-2.13731	0.36083	0.768465	-1.3013	0.21784	0.695284	-1.43826	0.0355253	0.503513	-1.98605	0.865732	0.953664	-1.04859	0.00177991	0.287342	-3.48017	0.0159081	0.437012	-2.28826	0.0373441	0.507917	-1.96882	4.56908	5.6877	1.10651	1
cg13893782	PDE7B	0.0253497	0.0123329	0.285002	-3.50875	0.0808195	0.458429	-2.18136	0.0177392	0.313008	-3.19481	0.664815	0.838944	-1.19197	0.00329879	0.199384	-5.01545	0.879026	1.06328	1.06328	0.0183086	0.315546	-3.16911	0.42907	0.722383	-1.38431	0.077657	0.453843	-2.20341	4.33622	11.1448	2.28459	1
cg06135425	PDE7B	0.0287569	0.0132382	0.15158	-6.59718	0.134946	0.371485	-2.6919	0.0217633	0.184101	-5.43181	0.0365979	0.224812	-4.44817	0.0188934	0.174268	-5.73828	0.080809	0.304301	-3.28622	0.00715979	0.118392	-8.4465	0.685564	0.77871	-1.28417	0.0273304	0.201009	-4.9749	4.14856	24.808	5.31547	1
cg26188226	PDE7B	0.0295408	0.557063	0.796699	-1.25518	0.102674	1.98055	1.98055	0.916843	1.04078	1.04078	0.489132	0.764214	-1.30853	0.0168987	0.327833	-3.05034	0.00225417	0.194748	-5.13485	0.178836	0.578937	-1.7273	0.916474	1.04096	1.04096	0.0785226	0.473384	-2.11245	4.10926	9.53163	2.06182	1
cg05511196	PDE7B	0.03404	0.0215175	0.2615	-3.82409	0.0321146	0.295397	-3.38528	0.452893	0.68973	-1.44984	0.105531	0.423583	-2.36081	0.00505106	0.165118	-6.05629	0.0574622	0.352125	-2.8399	0.0138388	0.228174	-4.38263	0.054334	0.346227	-2.88828	0.0775911	0.385621	-2.59322	3.90618	14.5987	3.32208	1
cg01985595	PDE7B	0.0375709	0.183172	0.732176	-1.36579	0.00740247	0.466938	-2.14161	0.692991	0.916143	-1.09153	0.101277	0.672975	-1.48594	0.0121062	0.501368	-1.99454	0.166762	1.38456	1.38456	0.168118	1.38293	1.38293	0.263317	0.773068	-1.29355	0.439683	0.84034	-1.18999	3.76875	2.90789	0.685848	1
cg24283684	PDE7B;PDE7B	0.0179264	0.0101026	0.401076	-2.49329	0.478891	0.81657	-1.22463	0.14666	0.644985	-1.55042	0.0305966	0.489121	-2.04449	0.00773633	0.38174	-2.61959	0.862653	1.04995	1.04995	0.00174093	0.284565	-3.51413	0.164507	0.658701	-1.51814	0.0758449	0.573387	-1.74402	4.88185	6.12675	1.11556	1
cg12176856	PDE8A;PDE8A	0.00215715	0.357542	0.811514	-1.23226	0.000136722	0.233059	-4.29076	0.00127702	0.354546	-2.82051	0.072774	1.55553	1.55553	0.530814	0.869236	-1.15044	0.142027	0.705788	-1.41686	0.223041	1.32659	1.32659	0.218915	0.751711	-1.3303	0.194146	1.3542	1.3542	9.43138	7.27758	0.685897	1
cg12283057	PDE8A;PDE8A	0.00368942	0.0466686	0.670329	-1.4918	0.0264234	1.58756	1.58756	0.731181	0.94124	-1.06243	0.388488	0.856248	-1.16789	0.00107981	0.428473	-2.33387	0.00303152	0.48999	-2.04086	0.00152912	0.448892	-2.22771	0.819798	0.960725	-1.04088	0.440953	0.87111	-1.14796	8.04572	3.92907	0.434083	1
cg09704544	PDE8A;PDE8A	0.0058536	0.113756	0.813645	-1.22904	0.0521204	1.30315	1.30315	0.00213293	1.67731	1.67731	0.013699	1.44102	1.44102	0.0107823	1.46799	1.46799	0.0212724	1.39347	1.39347	0.0973392	1.24365	1.24365	0.031969	0.739929	-1.35148	0.577011	1.06986	1.06986	6.99224	1.59072	0.20222	1
cg13781197	PDE8A;PDE8A	0.0128562	0.00531834	0.603593	-1.65675	0.42641	0.894367	-1.11811	0.20678	0.832739	-1.20086	0.547299	0.919691	-1.08732	0.714411	1.05182	1.05182	0.910423	0.984648	-1.01559	0.000522288	0.475462	-2.10322	0.199565	1.20479	1.20479	0.37366	0.882022	-1.13376	5.4499	1.63108	0.266032	1
cg11392877	PDE8A;PDE8A	0.0129388	0.935106	1.04523	1.04523	0.702391	1.23188	1.23188	0.0761529	0.342347	-2.92102	0.380657	1.62985	1.62985	0.442367	0.653444	-1.53035	0.866774	0.912829	-1.0955	?	?	?	0.00658755	0.147112	-6.79753	0.000801327	0.0639893	-15.6276	5.5439	23.0305	4.15421	1
cg01169981	PDE8A;PDE8A	0.0152933	0.836286	0.963512	-1.03787	0.000490107	0.374923	-2.66722	0.922153	1.01771	1.01771	0.722694	0.938	-1.0661	0.0904751	0.715277	-1.39806	0.196186	1.27827	1.27827	0.0613619	1.4603	1.4603	0.52231	0.890044	-1.12354	0.357334	0.843624	-1.18536	5.1476	2.63077	0.454281	1
cg07883956	PDE8A;PDE8A	0.0372354	0.224025	1.39367	1.39367	0.225169	1.3924	1.3924	0.219052	0.714652	-1.39928	0.0445329	0.544387	-1.83693	0.463334	0.824448	-1.21293	0.0211742	2.08772	2.08772	0.0136615	0.443097	-2.25684	0.148767	0.667817	-1.49742	0.871156	0.958996	-1.04276	4.13789	4.26731	0.802104	1
cg02839273	PDE8A;PDE8A;PDE8A;PDE8A	0.00759911	0.359984	0.903514	-1.10679	0.033297	1.30761	1.30761	0.0735818	1.23993	1.23993	0.0691122	0.803109	-1.24516	0.103488	0.825328	-1.21164	0.290271	1.12561	1.12561	0.000823488	0.580857	-1.72159	0.062893	0.798042	-1.25307	0.286185	1.12683	1.12683	6.44743	1.18685	0.163627	1
cg13554086	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.000985382	0.36395	0.906341	-1.10334	0.0115622	0.716881	-1.39493	0.0139545	0.726102	-1.37722	0.0633289	0.802429	-1.24622	0.00277239	0.647319	-1.54483	0.280578	0.888499	-1.12549	7.05E-05	0.465619	-2.14768	0.0558888	1.25646	1.25646	0.0340375	1.29794	1.29794	11.8158	2.07914	0.156412	1
cg26964901	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.00272171	0.935309	1.01526	1.01526	0.000624679	0.374766	-2.66833	0.991758	0.998075	-1.00193	0.901916	1.02327	1.02327	0.00331575	0.474238	-2.10864	0.0294742	1.61328	1.61328	0.00292047	2.14426	2.14426	0.740456	0.939871	-1.06398	0.4401	0.863401	-1.15821	8.80853	4.85475	0.489904	1
ch.5.1450929R	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.00390715	0.485655	0.814094	-1.22836	0.00299153	0.306621	-3.26135	0.000179735	0.158634	-6.30381	0.762558	0.915791	-1.09195	0.411449	1.27611	1.27611	0.104248	1.67466	1.67466	0.0319673	0.482102	-2.07425	0.221912	0.688873	-1.45165	0.213473	0.683645	-1.46275	7.90824	10.5561	1.18651	1
cg19829058	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.00555606	0.0189328	0.651877	-1.53403	0.000247538	0.402099	-2.48695	0.082455	0.748552	-1.33591	0.0598721	0.726396	-1.37666	0.0296206	0.680079	-1.47042	0.0404955	0.700315	-1.42793	0.0140736	0.633589	-1.57831	0.811146	0.964601	-1.0367	0.00458647	0.566559	-1.76504	7.10539	2.55096	0.319126	1
cg02329935	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.018868	0.887637	0.960423	-1.04121	0.920509	0.971892	-1.02892	0.846625	1.05687	1.05687	0.51391	1.20813	1.20813	0.985633	1.00516	1.00516	0.149238	0.642918	-1.55541	0.00041535	0.201965	-4.95136	0.115188	1.63104	1.63104	0.578768	1.17373	1.17373	4.79835	6.19999	1.14854	1
cg23250446	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.0195563	0.0223175	0.350676	-2.85163	0.00215594	0.192351	-5.19883	0.0542711	0.4335	-2.30681	0.274838	0.647398	-1.54465	0.0987272	0.500155	-1.99938	0.0542062	0.433376	-2.30746	0.00374627	0.223629	-4.47169	0.0391391	0.401097	-2.49317	0.221427	0.611485	-1.63536	4.74052	10.9957	2.06178	1
cg27160952	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.000137382	0.000513943	0.360103	-2.77698	0.00673009	1.93857	1.93857	0.647296	0.916879	-1.09066	0.905845	1.02254	1.02254	1.03E-05	0.168715	-5.92717	0.111737	1.38583	1.38583	0.0033414	2.12203	2.12203	0.361228	1.1934	1.1934	0.0680272	1.46961	1.46961	20.3324	11.4279	0.499605	1
cg18975948	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.000180499	0.00833767	0.687872	-1.45376	0.172009	1.17508	1.17508	0.0127362	1.40987	1.40987	0.775305	1.03227	1.03227	5.88E-06	0.323115	-3.09488	0.00889701	1.44688	1.44688	0.0529449	0.783415	-1.27646	0.14432	1.1901	1.1901	0.244537	0.873627	-1.14465	18.8888	3.68424	0.173376	1
cg24450112	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.000689324	0.00219159	0.423451	-2.36155	0.240969	0.782262	-1.27834	7.41E-05	0.236798	-4.22302	0.182103	0.753282	-1.32752	0.000426729	0.327654	-3.052	0.721826	1.07413	1.07413	0.00883304	0.513316	-1.94812	0.129345	1.38796	1.38796	0.00385804	0.458933	-2.17897	13.0671	8.28229	0.563403	1
cg00791920	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.00157829	0.0640055	0.758244	-1.31884	0.0248638	0.701162	-1.4262	0.627152	0.936994	-1.06724	0.981097	0.996855	-1.00315	0.414064	1.1174	1.1174	0.00976532	0.647629	-1.54409	8.27E-05	2.56662	2.56662	0.34337	0.878293	-1.13857	0.0480656	0.740516	-1.35041	10.3271	2.89099	0.248838	1
cg17263892	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.00310911	0.0177359	0.697262	-1.43418	0.621843	1.06415	1.06415	0.0406073	1.34402	1.34402	0.40653	1.11203	1.11203	0.0480926	0.753875	-1.32648	0.000521233	0.508363	-1.9671	0.0794294	1.27568	1.27568	0.0112166	1.48789	1.48789	0.269857	1.15452	1.15452	8.46777	2.09736	0.220167	1
cg23309947	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.00931632	0.50674	1.18746	1.18746	0.0275704	1.9437	1.9437	0.268113	1.34208	1.34208	0.00696591	2.43608	2.43608	0.00425769	0.37696	-2.6528	0.978712	1.00683	1.00683	0.915769	1.02735	1.02735	0.031062	1.90712	1.90712	0.0448705	0.555864	-1.799	6.04566	6.22935	0.915897	1
cg12225979	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.0123338	0.632458	0.860053	-1.16272	0.129211	0.598733	-1.67019	0.798809	0.923196	-1.08319	0.0557482	0.507552	-1.97024	0.0120842	0.375668	-2.66192	0.501195	0.807672	-1.23813	0.000459942	0.178113	-5.61443	0.366919	1.33643	1.33643	0.0356072	0.465197	-2.14963	5.52405	8.56445	1.37813	1
cg10067062	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.0252965	0.0665685	0.582307	-1.71731	0.0385182	1.87782	1.87782	0.118354	1.56156	1.56156	0.497083	1.1987	1.1987	0.0310585	0.514096	-1.94516	0.11561	0.637874	-1.56771	0.017994	2.12877	2.12877	0.946244	1.01788	1.01788	0.173869	0.683656	-1.46272	4.33939	4.74879	0.97275	1
cg06722792	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.0292776	0.101866	1.20548	1.20548	0.00950357	1.40899	1.40899	0.0336618	1.29552	1.29552	0.985156	1.00194	1.00194	0.740014	1.03536	1.03536	0.163026	0.856078	-1.16812	0.809351	1.02555	1.02555	0.0400995	0.780708	-1.28089	0.0395151	1.28211	1.28211	4.12231	0.711062	0.153326	1
cg12897458	PDF;COG8	0.0087677	0.0672308	0.71632	-1.39602	0.0971001	1.34474	1.34474	0.216726	1.23545	1.23545	0.372097	0.861515	-1.16075	0.0235655	0.644137	-1.55246	0.0162235	1.61327	1.61327	0.00125336	2.15217	2.15217	0.802656	0.960086	-1.04157	0.85266	1.0307	1.0307	6.16326	2.58282	0.372504	1
cg21410120	PDGFA;PDGFA	0.000114169	0.00060908	0.614506	-1.62732	0.00379514	0.697691	-1.4333	0.396113	1.08341	1.08341	0.197392	0.881949	-1.13385	0.0017886	1.50645	1.50645	0.988437	1.00134	1.00134	2.80E-05	2.13844	2.13844	0.104012	0.848854	-1.17806	0.000691897	0.620398	-1.61187	21.3687	2.87638	0.119651	1
cg14017435	PDGFA;PDGFA	0.000134145	0.0861453	1.42984	1.42984	0.371336	1.18898	1.18898	0.0114141	0.55044	-1.81673	2.29E-06	0.113688	-8.79599	0.957144	0.989917	-1.01019	0.00372371	0.477679	-2.09346	0.0659595	1.47551	1.47551	0.13602	0.738651	-1.35382	0.51423	0.882735	-1.13284	20.4632	11.5245	0.500603	1
cg14453978	PDGFA;PDGFA	0.00104296	0.481694	0.917595	-1.08981	0.732679	1.04209	1.04209	0.318699	1.13194	1.13194	0.0340029	0.742601	-1.34662	0.0915307	1.25038	1.25038	1.41E-05	2.97031	2.97031	0.554494	1.07454	1.07454	0.897118	1.01568	1.01568	0.203864	1.175	1.175	11.6269	2.663	0.203589	1
cg01740202	PDGFA;PDGFA	0.00152377	0.0711802	0.684895	-1.46008	0.55255	0.893296	-1.11945	0.786179	0.950218	-1.05239	0.40874	0.853274	-1.17196	0.00450369	0.491135	-2.0361	0.0111337	1.81777	1.81777	0.184166	1.30286	1.30286	0.000103785	3.62958	3.62958	0.160854	1.32481	1.32481	10.4322	5.82691	0.496487	1
cg03429152	PDGFA;PDGFA	0.00422656	0.00765331	0.661352	-1.51205	0.10241	0.806086	-1.24056	0.00253924	0.603365	-1.65737	0.00703053	0.656863	-1.52239	0.00511463	0.640088	-1.56229	0.00146644	0.574679	-1.7401	0.13583	1.21393	1.21393	0.117375	0.81454	-1.22769	0.0756225	0.78779	-1.26937	7.72297	1.77924	0.204785	1
cg11306628	PDGFA;PDGFA	0.00458935	0.378415	0.532682	-1.87729	0.00172765	22.546	22.546	0.0125496	8.70451	8.70451	0.00957591	9.83859	9.83859	0.015045	8.02584	8.02584	0.00733354	11.1229	11.1229	0.00181927	21.9525	21.9525	0.756544	0.805143	-1.24202	0.502865	1.60622	1.60622	7.53263	57.9471	6.83806	1
cg24928901	PDGFA;PDGFA	0.0053625	0.281754	1.16201	1.16201	0.00292513	0.577692	-1.73102	0.510942	0.914388	-1.09363	0.367553	0.883167	-1.13229	0.0419386	1.3698	1.3698	0.787848	0.964443	-1.03687	0.00255294	1.75377	1.75377	0.163163	0.818901	-1.22115	0.00991766	0.645805	-1.54845	7.18313	2.04973	0.253647	1
cg11265749	PDGFA;PDGFA	0.0120553	0.307398	0.47357	-2.11162	0.00594707	12.7372	12.7372	0.0321026	5.90614	5.90614	0.0586096	4.53269	4.53269	0.115981	3.34865	3.34865	0.0248138	6.6188	6.6188	0.00110414	30.0305	30.0305	0.924781	1.06909	1.06909	0.605846	1.44517	1.44517	5.56518	44.1088	7.0452	1
cg15454385	PDGFA;PDGFA	0.013068	0.325346	0.747353	-1.33806	0.0174485	0.436134	-2.29287	0.0221217	0.455313	-2.19629	0.104387	0.60107	-1.6637	0.256952	0.71229	-1.40392	0.729136	0.905127	-1.10482	0.00515032	0.346673	-2.88456	0.000976923	0.245037	-4.08102	0.665798	1.1327	1.1327	5.4209	7.05946	1.15757	1
cg17814047	PDGFA;PDGFA	0.0133783	0.381952	0.599726	-1.66743	0.00916061	6.60017	6.60017	0.0500528	3.5753	3.5753	0.0539818	3.48091	3.48091	0.0972265	2.823	2.823	0.0185188	5.09627	5.09627	0.000873279	17.2309	17.2309	0.25503	1.96915	1.96915	0.288443	1.87456	1.87456	5.37945	27.6999	4.57708	1
cg17563229	PDGFA;PDGFA	0.0158015	0.00364442	0.56875	-1.75824	0.686856	1.05987	1.05987	0.965058	0.993734	-1.00631	0.715931	1.05384	1.05384	0.00125779	0.508801	-1.96541	0.26666	1.18064	1.18064	0.431381	1.12213	1.12213	0.523058	1.09732	1.09732	0.582676	0.923463	-1.08288	5.09208	1.6603	0.289827	1
cg07393369	PDGFA;PDGFA	0.0166695	0.0325786	1.7078	1.7078	0.0328587	0.586217	-1.70585	0.824483	1.04868	1.04868	0.547916	1.13894	1.13894	0.00111807	0.35809	-2.79259	0.226058	0.761857	-1.31258	0.199503	0.748238	-1.33647	0.978534	1.00577	1.00577	0.466225	1.17193	1.17193	5.00219	3.627	0.644518	1
cg18223153	PDGFA;PDGFA	0.0212472	0.126121	1.27173	1.27173	0.101106	0.770451	-1.29794	0.0392737	0.707214	-1.414	0.1063	1.29198	1.29198	0.223548	1.20411	1.20411	0.304904	0.856999	-1.16686	0.00321639	1.7932	1.7932	0.421704	1.12661	1.12661	0.279864	0.849447	-1.17724	4.60857	1.53986	0.297004	1
cg02152290	PDGFA;PDGFA	0.0410381	0.0761352	0.795454	-1.25714	0.023983	1.36653	1.36653	0.00717021	1.49565	1.49565	0.644245	1.0554	1.0554	0.681484	0.953271	-1.04902	0.161318	1.18942	1.18942	0.0503377	1.29524	1.29524	0.708593	1.0445	1.0445	0.165912	1.18689	1.18689	3.64848	0.77701	0.189305	1
cg03904586	PDGFA;PDGFA	0.0419936	0.586991	0.922593	-1.0839	0.19235	1.2247	1.2247	0.426412	0.887547	-1.1267	0.0610365	0.733364	-1.36358	0.78827	0.961232	-1.04033	0.501696	1.10535	1.10535	0.00211255	0.529983	-1.88685	0.430533	1.12546	1.12546	0.280101	1.17931	1.17931	3.61753	1.23624	0.303766	1
cg09187695	PDGFA;PDGFA	0.0424873	0.766759	0.92142	-1.08528	0.180935	0.676501	-1.4782	0.0351884	0.509156	-1.96404	0.270216	0.729157	-1.37145	0.00350272	0.336305	-2.97349	0.17186	0.670215	-1.49206	0.0475072	0.535969	-1.86578	0.275868	0.732078	-1.36597	0.0101463	0.409765	-2.44043	3.60188	4.31829	1.06569	1
cg17291500	PDGFA;PDGFA	0.0426601	0.202748	1.65293	1.65293	0.0451012	2.36134	2.36134	0.432253	0.741162	-1.34923	0.413066	1.36717	1.36717	0.0297491	0.384425	-2.60129	0.0272397	2.6554	2.6554	0.433697	1.34791	1.34791	0.0209534	2.82412	2.82412	0.316285	1.47286	1.47286	3.59645	7.95566	1.9663	1
cg14496282	PDGFA;PDGFA	0.0438229	0.0611006	0.192333	-5.19931	0.0973681	0.241483	-4.14108	0.108938	0.255247	-3.91777	0.99418	0.994319	-1.00571	0.00369484	0.0466734	-21.4255	0.0397753	0.156172	-6.40321	0.0170763	0.1032	-9.68996	0.745	0.774984	-1.29035	0.17181	0.32104	-3.11488	3.56062	34.4062	8.58932	1
cg20535794	PDGFA;PDGFA	0.0459503	0.181997	0.735739	-1.35918	0.0153556	0.524911	-1.90508	0.121025	1.43939	1.43939	0.998381	0.999561	-1.00044	0.01809	1.86251	1.86251	0.211463	0.751883	-1.32999	0.112839	0.688063	-1.45336	0.653465	1.10285	1.10285	0.829062	1.04795	1.04795	3.49801	2.59988	0.660662	1
cg04141610	PDGFA;PDGFA;PDGFA;PDGFA	0.0328077	0.186389	0.741542	-1.34854	0.143161	1.39917	1.39917	0.0324432	1.7066	1.7066	0.0203928	0.550654	-1.81602	0.145539	0.716338	-1.39599	0.605667	0.894787	-1.11758	0.0891965	1.49197	1.49197	0.0655262	1.55462	1.55462	0.22779	1.31029	1.31029	3.95835	2.85668	0.641497	1
cg24990612	PDGFB	0.000267645	0.0371109	0.769765	-1.2991	0.413267	1.09465	1.09465	0.0228594	0.744969	-1.34234	0.308504	0.892297	-1.1207	0.0352316	0.767079	-1.30365	0.0228546	1.34236	1.34236	5.05E-06	0.325263	-3.07443	0.0162287	0.727707	-1.37418	0.0117406	0.711534	-1.40542	16.9713	3.14191	0.16456	1
cg09167117	PDGFB	0.010564	0.0869854	0.662765	-1.50883	0.259971	1.2914	1.2914	0.0308693	0.575979	-1.73618	0.661303	1.1007	1.1007	0.00146136	0.367834	-2.71862	0.978047	0.99403	-1.00601	0.00307246	0.413926	-2.41589	0.0725685	0.646618	-1.54651	0.0565422	0.625128	-1.59967	5.80759	4.35641	0.666777	1
cg02120463	PDGFB	0.0266075	0.64415	0.905455	-1.10442	0.445071	1.18084	1.18084	0.4761	1.16733	1.16733	0.551882	1.13714	1.13714	0.78094	0.94221	-1.06133	0.0176511	1.85214	1.85214	0.0189774	0.545238	-1.83406	0.155198	0.722676	-1.38375	0.00625908	0.467347	-2.13974	4.26349	3.07864	0.641862	1
cg14162806	PDGFB	0.0318597	0.0275995	0.611999	-1.63399	0.339135	1.20408	1.20408	0.268387	0.804686	-1.24272	0.687839	0.926691	-1.07911	0.00897075	0.534489	-1.87095	0.130443	1.36054	1.36054	0.937078	0.985227	-1.01499	0.0109521	0.547789	-1.82552	0.138879	0.740604	-1.35025	4.00016	2.25109	0.500222	1
cg08162327	PDGFB	0.0424092	0.888573	1.06668	1.06668	0.897341	0.942294	-1.06124	0.1809	0.519889	-1.92349	0.683534	1.20771	1.20771	0.00296499	0.152908	-6.53987	0.794599	0.886798	-1.12765	0.114953	0.454176	-2.20179	0.0107023	0.228289	-4.3804	0.092676	0.426569	-2.34429	3.60434	12.1036	2.98494	1
cg13250388	PDGFB	0.0496378	0.8354	0.952193	-1.05021	0.331534	1.26603	1.26603	0.255881	1.32214	1.32214	0.454658	0.835847	-1.19639	0.0681	0.618152	-1.61773	0.0126498	0.482004	-2.07467	0.0108123	0.470607	-2.12491	0.133377	0.683038	-1.46405	0.199922	0.727006	-1.3755	3.3975	2.98291	0.780419	1
cg04552531	PDGFB;PDGFB	1.22E-05	0.139545	1.35223	1.35223	8.15E-05	3.85144	3.85144	0.000111219	3.63274	3.63274	3.58E-06	7.87437	7.87437	0.148612	0.745252	-1.34183	1.63E-06	9.85535	9.85535	0.723073	1.06986	1.06986	0.000210072	3.24302	3.24302	0.09559	1.41547	1.41547	38.5437	21.988	0.507085	1
cg06544464	PDGFB;PDGFB	1.32E-05	1.97E-06	0.251012	-3.98387	1.68E-05	0.353906	-2.82561	0.451401	1.09435	1.09435	0.0162075	1.41278	1.41278	0.602937	1.06361	1.06361	0.0206469	0.72071	-1.38752	1.01E-05	0.328696	-3.04233	0.0512668	1.29798	1.29798	0.108848	0.814253	-1.22812	37.7692	8.25943	0.194383	1
cg12503846	PDGFB;PDGFB	0.000607359	0.119259	0.849212	-1.17756	0.000147838	0.532189	-1.87903	0.0230425	0.768915	-1.30053	0.115841	1.17967	1.17967	0.00241364	0.664638	-1.50458	0.333822	0.908129	-1.10117	0.38556	0.917595	-1.08981	0.0108313	0.733904	-1.36258	6.10E-05	0.488965	-2.04514	13.5378	2.00393	0.131578	1
cg06905823	PDGFB;PDGFB	0.00640949	0.442433	1.73564	1.73564	0.000596962	41.6834	41.6834	0.0358585	5.57867	5.57867	0.119901	3.28003	3.28003	0.136423	0.323152	-3.09452	0.0139148	8.49139	8.49139	0.0237802	6.68356	6.68356	0.00444089	14.4748	14.4748	0.464791	1.68837	1.68837	6.79888	53.3709	6.97774	1
cg11714334	PDGFB;PDGFB	0.0176608	0.0239412	7.8288	7.8288	0.0783968	4.4523	4.4523	0.0659224	4.83552	4.83552	0.362336	2.04453	2.04453	0.0888087	0.238412	-4.19442	0.0406754	6.08077	6.08077	0.00241455	25.2152	25.2152	0.0254277	7.60599	7.60599	0.158582	3.1618	3.1618	4.90639	45.3375	8.21378	1
cg25676471	PDGFB;PDGFB	0.0465619	0.080713	0.376595	-2.65537	0.00372809	0.138764	-7.20646	0.0330017	0.284479	-3.5152	0.0907576	0.39082	-2.55872	0.0308052	0.278385	-3.59215	0.130033	0.438442	-2.28081	0.0575742	0.338672	-2.95271	0.091645	0.392027	-2.55084	0.108866	0.414108	-2.41483	3.48067	14.0133	3.5787	1
cg18688704	PDGFC	0.000498705	0.0222514	0.521383	-1.91798	0.00698359	0.43635	-2.29174	0.213044	1.36574	1.36574	0.00874579	2.21194	2.21194	0.000148131	0.212184	-4.71288	0.0612409	1.65086	1.65086	0.0173024	1.9919	1.9919	0.00513386	2.40758	2.40758	0.0226233	0.522678	-1.91323	14.3008	12.7954	0.795318	1
cg22449980	PDGFC	0.00517108	0.831735	0.960012	-1.04165	0.00212265	0.436777	-2.2895	0.00474685	0.48711	-2.05293	0.0305097	0.614099	-1.6284	0.036503	1.59387	1.59387	0.434988	1.16506	1.16506	0.0118205	1.82742	1.82742	0.708874	0.930591	-1.07459	0.510916	1.13643	1.13643	7.26353	4.23178	0.517873	1
cg22451233	PDGFC	0.0222405	0.60568	1.05778	1.05778	0.21321	1.15189	1.15189	0.567688	1.06429	1.06429	0.254548	1.13693	1.13693	0.597159	1.05922	1.05922	0.987022	0.998247	-1.00176	0.000489853	0.554788	-1.80249	0.366113	0.904689	-1.10535	0.833517	1.02297	1.02297	4.53697	0.836151	0.16382	1
cg13571224	PDGFC	0.0323944	0.854833	1.04429	1.04429	0.34242	1.26047	1.26047	0.544244	0.864805	-1.15633	0.00677862	2.2943	2.2943	0.712437	1.09156	1.09156	0.232954	1.34445	1.34445	0.00260289	2.68357	2.68357	0.0343614	1.79338	1.79338	0.217902	1.35899	1.35899	3.97639	3.52706	0.788444	1
cg15957807	PDGFC	0.0457662	0.641503	1.14207	1.14207	0.0334954	0.494727	-2.02132	0.0115521	0.408701	-2.44677	0.552814	0.843572	-1.18544	0.0673902	1.78719	1.78719	0.106912	1.64649	1.64649	0.154958	1.53914	1.53914	0.673166	0.886748	-1.12772	0.628132	0.870858	-1.14829	3.50328	4.45329	1.12993	1
cg04720283	PDGFD;PDGFD	5.40E-05	0.000516488	0.428017	-2.33636	0.80432	0.961863	-1.03965	0.285247	0.84042	-1.18988	1.36E-05	0.240476	-4.15842	1.31E-05	0.238645	-4.19033	4.06E-05	0.293268	-3.40985	0.91654	0.983715	-1.01655	0.0485241	0.702574	-1.42334	0.000912764	0.459991	-2.17395	26.0805	10.1342	0.345399	1
cg18289710	PDGFD;PDGFD	0.000711526	0.852611	0.957668	-1.0442	0.00969384	0.467161	-2.14059	0.098876	0.656502	-1.52322	4.51E-05	0.166083	-6.02107	0.0526304	0.599054	-1.6693	0.00180976	0.356414	-2.80573	0.215528	1.35414	1.35414	0.0230766	1.88123	1.88123	0.00841031	0.457133	-2.18755	12.9515	11.0948	0.761461	1
cg03020863	PDGFD;PDGFD	0.00103986	0.321344	1.33147	1.33147	0.000131008	0.156436	-6.39237	0.193964	0.681125	-1.46816	0.901394	1.03524	1.03524	0.59497	0.860766	-1.16176	0.370081	1.2933	1.2933	0.000155997	0.16383	-6.10389	0.225245	1.42744	1.42744	0.0157562	0.437471	-2.28587	11.6367	14.3893	1.09915	1
cg16322276	PDGFD;PDGFD	0.00117612	0.0828105	1.40609	1.40609	0.000822326	2.44549	2.44549	0.0305381	0.637015	-1.56982	0.0441132	1.50736	1.50736	0.000714594	0.400855	-2.49467	0.532	0.893763	-1.11886	0.616996	1.09358	1.09358	0.00190533	2.18215	2.18215	0.548337	1.11379	1.11379	11.236	5.60198	0.443175	1
cg04420335	PDGFD;PDGFD	0.00149126	0.0611865	0.49328	-2.02725	0.000347668	0.145581	-6.86902	0.000382803	0.149672	-6.6813	0.0194719	0.388265	-2.57556	0.000979264	0.193545	-5.16677	0.00557386	0.29536	-3.3857	0.858994	0.942172	-1.06138	0.570499	0.825263	-1.21173	0.00839306	0.323707	-3.08921	10.4972	18.6551	1.57969	1
cg23852348	PDGFD;PDGFD	0.00836528	0.134422	0.47007	-2.12734	0.00992505	0.217991	-4.58735	0.0075528	0.200401	-4.99	0.00901059	0.211629	-4.72525	0.000978743	0.100955	-9.90537	0.0271364	0.294274	-3.39819	0.0615957	0.373545	-2.67705	0.0451469	0.341309	-2.92989	0.00885412	0.210492	-4.75076	6.2555	21.6707	3.07934	1
cg03145963	PDGFD;PDGFD	0.0124107	0.0176143	0.785796	-1.2726	0.0181532	0.787051	-1.27057	0.0165231	1.27692	1.27692	0.0533773	0.832617	-1.20103	0.163524	0.883268	-1.13216	0.0435232	0.823855	-1.21381	0.0663445	0.842067	-1.18755	0.0570259	1.19692	1.19692	0.584836	0.954992	-1.04713	5.51289	0.608381	0.0980944	1
cg07266580	PDGFD;PDGFD	0.0169014	0.462401	0.800675	-1.24895	0.0905139	0.574517	-1.74059	0.561908	0.840074	-1.19037	0.950881	0.981861	-1.01847	0.118816	0.604656	-1.65383	0.674521	0.882048	-1.13373	0.000219467	0.160367	-6.23571	0.865054	1.05184	1.05184	0.343064	0.748071	-1.33677	4.97916	6.96339	1.24312	1
cg27383876	PDGFD;PDGFD	0.0171381	0.744833	0.916421	-1.0912	0.0741781	0.587564	-1.70194	0.00189176	0.308262	-3.244	0.519007	1.19091	1.19091	0.0044652	0.362949	-2.75521	0.671452	1.12078	1.12078	0.282853	1.34747	1.34747	0.679579	1.1174	1.1174	0.11139	0.62911	-1.58955	4.95605	5.60658	1.00557	1
cg12027636	PDGFD;PDGFD	0.0197691	0.166143	0.80305	-1.24525	0.403772	1.13531	1.13531	0.894896	0.980558	-1.01983	0.0718211	0.741896	-1.3479	0.0357376	0.695591	-1.43763	0.0893039	0.75707	-1.32088	0.000671449	0.461719	-2.16582	0.889285	0.979523	-1.02091	0.0748519	0.744743	-1.34274	4.72315	1.65052	0.310626	1
cg09194202	PDGFD;PDGFD	0.0327942	0.30363	1.53426	1.53426	0.701543	1.16731	1.16731	0.010263	0.272593	-3.66847	0.751372	0.880117	-1.13621	0.00269731	0.189082	-5.28872	0.463564	0.74101	-1.34951	0.556391	1.27	1.27	0.386685	0.700123	-1.42832	0.0663223	0.437179	-2.28739	3.95894	10.1204	2.27231	1
cg06560282	PDGFD;PDGFD	0.0351338	0.440694	0.784796	-1.27422	0.0232407	0.433419	-2.30724	0.849763	0.943231	-1.06019	0.861714	0.947683	-1.05521	0.000717438	0.204548	-4.88883	0.464645	0.795039	-1.2578	0.350299	0.743568	-1.34487	0.799192	0.924442	-1.08173	0.982956	0.993438	-1.00661	3.86179	5.80957	1.33722	1
cg12052265	PDGFD;PDGFD	0.0402952	0.0416819	13.8825	13.8825	0.0110338	35.5795	35.5795	0.0478867	12.6049	12.6049	0.137456	6.00266	6.00266	0.0708246	9.59738	9.59738	0.0605594	10.7048	10.7048	0.0243752	20.1987	20.1987	0.0133739	30.9544	30.9544	0.0437186	13.4292	13.4292	3.67317	73.0195	17.6703	1
cg19092845	PDGFD;PDGFD;DDI1	0.000201643	0.682298	1.10736	1.10736	0.0414031	0.558308	-1.79113	0.0031526	0.367964	-2.71766	0.898195	1.03222	1.03222	0.355191	1.26575	1.26575	0.0696131	0.604814	-1.6534	2.53E-06	0.0596475	-16.7652	0.847655	0.953461	-1.04881	0.0173877	0.487924	-2.0495	18.3305	17.8244	0.864349	1
cg24955680	PDGFD;PDGFD;DDI1	0.00145878	0.672727	1.1262	1.1262	2.74E-05	0.098983	-10.1027	0.475887	0.816439	-1.22483	0.00165906	0.283947	-3.52179	0.318443	0.749422	-1.33436	0.211488	0.691956	-1.44518	0.82169	0.938806	-1.06518	0.429177	1.25329	1.25329	0.134827	0.637006	-1.56985	10.5639	13.0929	1.10169	1
cg02540593	PDGFD;PDGFD;DDI1	0.00183431	0.0637942	0.719519	-1.38982	0.434322	0.881594	-1.13431	0.275353	0.835875	-1.19635	4.15E-05	0.291292	-3.43298	0.71032	0.942764	-1.06071	0.279279	0.837192	-1.19447	0.00784893	1.71417	1.71417	0.645093	1.07602	1.07602	0.620078	0.924089	-1.08215	9.88747	3.90811	0.351341	1
cg05529595	PDGFD;PDGFD;DDI1	0.00222795	0.00477727	0.707918	-1.41259	0.0350958	1.25407	1.25407	0.00393163	0.6992	-1.43021	0.0094427	0.738329	-1.35441	0.0370359	0.79987	-1.2502	0.00268687	0.682109	-1.46604	0.0100816	1.34907	1.34907	0.278338	0.901269	-1.10955	0.635481	0.95692	-1.04502	9.3427	1.25833	0.119721	1
cg17323171	PDGFD;PDGFD;DDI1	0.00681743	0.120283	0.644492	-1.55161	0.00321035	0.350481	-2.85322	0.890819	0.964831	-1.03645	0.345709	0.776352	-1.28807	0.00324668	0.351207	-2.84732	0.0146637	0.456914	-2.1886	0.417666	1.24098	1.24098	0.143694	0.663959	-1.50612	0.00106141	0.283188	-3.53122	6.66981	7.17811	0.95663	1
cg09688928	PDGFD;PDGFD;DDI1	0.022932	0.113072	0.694774	-1.43932	0.398875	1.20008	1.20008	0.00353678	2.30468	2.30468	0.386377	1.20624	1.20624	0.576851	1.12641	1.12641	0.218053	1.31469	1.31469	0.0036591	2.29314	2.29314	0.499604	0.86527	-1.15571	0.637345	0.904592	-1.10547	4.48944	3.17055	0.627755	1
cg16435903	PDGFD;PDGFD;DDI1;DDI1	0.00322214	0.12476	0.763779	-1.30928	0.00381733	1.88232	1.88232	0.000591936	0.423056	-2.36376	0.439616	1.13634	1.13634	0.811086	1.03959	1.03959	0.986089	0.997177	-1.00283	0.00292505	1.94035	1.94035	0.806764	0.961041	-1.04054	0.473348	1.12553	1.12553	8.37822	3.48895	0.37016	1
cg25859489	PDGFD;PDGFD;DDI1;DDI1	0.0237537	0.718755	0.894553	-1.11788	0.0139991	0.392584	-2.54722	0.0439177	0.489924	-2.04113	0.128709	1.65852	1.65852	0.9223	0.970386	-1.03052	0.136391	1.6396	1.6396	0.0189185	2.40095	2.40095	0.78528	0.919296	-1.08779	0.036097	0.471865	-2.11925	4.4352	6.66921	1.33662	1
cg27453036	PDGFD;PDGFD;DDI1;DDI1	0.0302998	0.460988	0.904772	-1.10525	0.26458	0.856381	-1.1677	0.0858487	0.776382	-1.28803	0.939962	1.01009	1.01009	0.989645	1.00173	1.00173	0.20423	1.19559	1.19559	0.00101838	1.91479	1.91479	0.731651	0.955139	-1.04697	0.673577	1.05812	1.05812	4.07242	1.14665	0.25028	1
cg18403606	PDGFD;PDGFD;PDGFD;PDGFD	0.0448808	0.914918	0.975902	-1.02469	0.110512	0.672364	-1.48729	0.545413	1.1499	1.1499	0.0990999	0.661865	-1.51088	0.00144934	0.349809	-2.8587	0.223461	0.746805	-1.33904	0.708948	1.08935	1.08935	0.422842	1.20546	1.20546	0.848248	0.957215	-1.0447	3.52903	2.91196	0.733463	1
cg02273436	PDGFRA	3.16E-05	0.107405	0.717255	-1.3942	0.00422667	2.06338	2.06338	0.229943	0.78803	-1.26899	0.00030023	3.04075	3.04075	0.0195173	1.7055	1.7055	1.76E-05	5.26398	5.26398	0.0394822	0.637345	-1.56901	2.98E-06	8.21751	8.21751	0.864514	0.968217	-1.03283	30.042	17.0182	0.503538	1
cg21363050	PDGFRA	0.000344457	0.00014965	0.293743	-3.40434	0.509579	1.13409	1.13409	0.445669	0.86396	-1.15746	0.00030214	0.331206	-3.01927	0.0874622	0.701267	-1.42599	0.318313	1.21411	1.21411	0.014386	0.566953	-1.76381	0.049638	1.52387	1.52387	9.37E-05	0.269778	-3.70676	15.8385	8.87496	0.498079	1
cg25064395	PDGFRA	0.0012963	0.0103045	2.72902	2.72902	0.00576043	3.07646	3.07646	0.182808	1.55122	1.55122	0.00244363	3.70457	3.70457	0.0429792	2.06127	2.06127	0.0180436	2.4403	2.4403	0.155955	1.60228	1.60228	3.08E-05	12.5119	12.5119	0.0167845	2.47539	2.47539	10.928	16.6936	1.35787	1
cg02722188	PDGFRA	0.00255356	0.00663453	0.584765	-1.71009	0.00597351	1.72855	1.72855	0.0728452	1.35624	1.35624	0.555253	1.09512	1.09512	0.988445	1.00221	1.00221	0.906281	0.982225	-1.0181	0.000584459	0.445097	-2.2467	0.00857209	0.600117	-1.66634	0.153973	0.792614	-1.26165	8.97584	3.29652	0.326459	1
cg02645970	PDGFRA	0.00574041	0.0415871	0.60821	-1.64417	0.000475228	3.19395	3.19395	0.595989	1.1199	1.1199	0.448632	1.17753	1.17753	0.271148	0.784697	-1.27438	0.854374	0.961862	-1.03965	0.012777	0.519631	-1.92444	0.040876	0.606832	-1.6479	0.425706	1.18785	1.18785	7.03442	4.99008	0.63056	1
cg12845923	PDGFRA	0.0106966	0.0738159	0.595772	-1.67849	0.0532739	0.565167	-1.76939	0.7867	0.931937	-1.07303	0.319759	0.765515	-1.30631	0.00710476	0.405026	-2.46898	0.00100752	0.281293	-3.55501	0.0119487	0.44258	-2.25948	0.160884	1.47583	1.47583	0.193558	0.6994	-1.4298	5.78436	6.18765	0.950862	1
cg23209990	PDGFRA	0.0120797	0.258023	0.449054	-2.2269	0.49484	1.59717	1.59717	0.000539109	0.0201294	-49.6786	?	?	?	0.0261389	0.160823	-6.21803	0.125833	0.323031	-3.09568	?	?	?	0.198965	0.397518	-2.51561	0.114101	0.309261	-3.23352	6.5379	35.8059	5.47667	1
cg20379685	PDGFRA	0.0158577	0.0154424	0.423818	-2.3595	0.0108196	0.396665	-2.52102	0.095305	0.588946	-1.69795	0.357012	0.760592	-1.31477	0.0126073	0.408176	-2.44992	0.0978135	0.591738	-1.68994	0.00350577	0.318539	-3.13933	0.162551	1.53833	1.53833	0.166636	0.653114	-1.53113	5.08607	6.72228	1.17485	1
cg07698901	PDGFRA	0.0192073	0.00188221	0.246257	-4.06081	0.273873	0.696233	-1.4363	0.132393	1.67592	1.67592	0.0263221	0.432671	-2.31122	0.099196	0.562844	-1.77669	0.023195	0.421888	-2.37029	0.245687	0.679702	-1.47123	0.26786	0.692796	-1.44343	0.311109	1.39549	1.39549	4.76952	7.63844	1.42356	1
cg08038052	PDGFRA	0.0262479	0.592252	1.11279	1.11279	0.62161	1.10335	1.10335	0.0718655	0.67218	-1.4877	0.458003	0.861232	-1.16113	0.0200229	0.57418	-1.74161	0.652145	0.914203	-1.09385	0.483892	1.15101	1.15101	0.143035	1.365	1.365	0.00304237	2.23129	2.23129	4.28384	2.65123	0.550126	1
cg21309167	PDGFRA	0.0269064	0.0148207	0.183809	-5.44043	0.669534	0.784605	-1.27453	0.755665	1.19288	1.19288	0.240368	2.00278	2.00278	0.0754272	3.05971	3.05971	0.0029675	10.0137	10.0137	0.697718	1.24674	1.24674	0.237547	2.01197	2.01197	0.158501	2.34361	2.34361	4.24683	21.4722	4.49426	1
cg24249778	PDGFRA	0.0270059	0.00113752	0.221848	-4.5076	0.70143	0.885867	-1.12884	0.362713	0.74505	-1.34219	0.0595657	0.512256	-1.95215	0.660106	1.14938	1.14938	0.0832197	1.8282	1.8282	0.241849	0.68019	-1.47018	0.990352	0.996203	-1.00381	0.429018	1.28916	1.28916	4.24134	6.64812	1.3933	1
cg02170478	PDGFRA	0.032134	0.062296	0.4062	-2.46184	0.260419	0.604139	-1.65525	0.175737	0.538968	-1.8554	0.410573	0.696793	-1.43515	0.0218902	0.307036	-3.25694	0.333296	0.651518	-1.53488	0.00137343	0.136277	-7.33802	0.0203862	0.301175	-3.32033	0.140693	0.506447	-1.97454	3.98791	11.6412	2.59479	1
cg16718445	PDGFRA	0.0342067	0.910154	0.964693	-1.0366	0.00193641	4.04166	4.04166	0.442205	0.779177	-1.28341	0.809527	1.07993	1.07993	0.0353192	0.458182	-2.18254	0.172954	0.630149	-1.58693	0.317878	0.719818	-1.38924	0.538396	1.2194	1.2194	0.621082	0.85328	-1.17195	3.8993	6.26197	1.42749	1
cg00691999	PDGFRA	0.0486475	0.00182489	0.138863	-7.20137	0.255746	0.589332	-1.69684	0.170778	1.91564	1.91564	0.469901	1.38771	1.38771	0.342087	1.54692	1.54692	0.676265	1.20582	1.20582	0.408145	0.685865	-1.45801	0.481007	1.37608	1.37608	0.690709	1.19512	1.19512	3.42357	10.7702	2.79635	1
cg25667335	PDGFRA	0.0492044	0.668912	0.939357	-1.06456	0.0271814	1.46258	1.46258	0.669566	1.06442	1.06442	0.576433	1.08553	1.08553	0.364784	0.873345	-1.14502	0.0884914	0.760872	-1.31428	0.0123357	0.635644	-1.57321	0.036808	0.702787	-1.42291	0.775117	0.959202	-1.04253	3.40883	1.14173	0.297717	1
cg22736323	PDGFRA;PDGFRA	0.0442004	0.0271042	0.26178	-3.82001	0.263828	0.550631	-1.8161	0.0745137	0.361372	-2.76723	0.19211	0.492967	-2.02853	0.0470378	0.312108	-3.20402	0.122348	0.424121	-2.35782	0.00260888	0.118125	-8.46561	0.034541	0.282881	-3.53506	0.366979	0.622031	-1.60764	3.54924	14.7519	3.69453	1
cg26247309	PDGFRB	4.94E-05	0.0216969	0.778823	-1.28399	0.316942	0.910432	-1.09838	0.0106481	0.747318	-1.33812	3.97E-05	0.490364	-2.0393	0.207663	0.886469	-1.12807	0.000580613	0.617159	-1.62033	0.000606445	1.6151	1.6151	4.49E-05	2.01478	2.01478	0.0274406	1.26693	1.26693	26.7096	3.48013	0.115818	1
cg11042320	PDGFRB	0.00232579	0.0107293	0.380407	-2.62877	0.000100544	0.1251	-7.99363	0.362528	0.754186	-1.32593	0.477254	0.804257	-1.24338	0.00421566	0.315034	-3.17426	0.139983	0.619604	-1.61393	0.00328554	0.298945	-3.34509	0.00749165	0.354276	-2.82266	0.0225709	0.438994	-2.27794	9.22578	13.2773	1.27924	1
cg04841196	PDGFRB	0.0377943	0.00950061	0.153995	-6.49374	0.0750833	0.323481	-3.09137	0.0949074	0.351691	-2.8434	0.30939	0.549374	-1.82025	0.00696015	0.136974	-7.30066	0.0602122	0.299125	-3.34309	0.0754973	0.324114	-3.08533	0.510083	1.46295	1.46295	0.0491867	0.278474	-3.59099	3.76059	19.3097	4.56422	1
cg23181433	PDGFRL	0.00240864	0.0094041	0.408105	-2.45035	0.443243	0.808318	-1.23714	0.0115284	0.423117	-2.36341	0.0298273	0.49863	-2.00549	0.000151839	0.17047	-5.86613	0.0948521	0.606716	-1.64822	0.000633223	0.239507	-4.17524	0.531165	0.841408	-1.18848	0.0198821	0.46523	-2.14947	9.13146	10.7167	1.0432	1
cg16800975	PDGFRL	0.00458872	0.167147	0.74469	-1.34284	0.0970957	0.694542	-1.4398	0.121779	0.714797	-1.399	0.11888	0.712602	-1.40331	0.14787	0.732881	-1.36448	0.000298417	0.307848	-3.24835	0.000344962	0.315722	-3.16734	0.620605	0.904945	-1.10504	0.167463	0.744874	-1.34251	7.53294	4.78051	0.564102	1
cg17725968	PDHA2	0.000448748	0.220151	0.804583	-1.24288	0.205621	1.25258	1.25258	0.00392387	0.519626	-1.92446	0.00138376	0.457482	-2.18588	0.00176315	0.471701	-2.11999	0.00349884	0.512662	-1.9506	7.48E-05	0.297336	-3.3632	0.469614	0.883313	-1.1321	0.000230677	0.356566	-2.80453	14.7251	6.6338	0.400453	1
cg08536358	PDHA2	0.00132684	0.119402	0.777819	-1.28565	0.503534	0.903991	-1.10621	0.0160175	0.645088	-1.55018	0.0242964	0.670864	-1.49062	0.000130022	0.372241	-2.68643	0.0110107	0.622367	-1.60677	0.102402	1.30441	1.30441	0.139154	0.789249	-1.26703	0.000320938	0.420777	-2.37656	10.8553	3.80078	0.311227	1
cg27108154	PDHA2	0.00262021	0.0775467	0.769911	-1.29885	0.152984	1.22626	1.22626	0.00232226	0.567292	-1.76276	0.0179883	0.681747	-1.46682	0.727663	0.954476	-1.0477	0.569919	1.07953	1.07953	0.00346371	1.69709	1.69709	0.586872	0.929488	-1.07586	0.00113222	0.528147	-1.89341	8.90792	2.50591	0.250056	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg09225149	PDHA2	0.00708187	1.117665	0.749381	-1.33445	0.0252204	1.05124	1.57124	1.00875562	0.567243	1.782281	0.01008506	0.580918	-1.72141	0.0720556	0.711128	-1.40622	0.647641	0.680736	-1.469	0.0687342	1.41326	0.931193	1.01477	1.00647412	0.548255	-1.82397	6.59117	3.0093	0.405837	1
cg16718539	PDHA2	0.00795787	0.010831	0.622679	-1.60596	0.0483904	0.575101	-1.73879	0.300688	0.853208	-1.17205	0.158767	0.800132	-1.24979	0.19679	0.817084	-1.22386	0.749269	0.953642	-1.04861	0.0319946	1.80322	1.80322	0.934135	0.987839	-1.01231	0.0158122	0.645345	-1.54908	6.3547	2.20545	0.308497	1
cg24522384	PDHA2;PDHA2	0.02159556	0.968892	0.997185	-1.00282	0.039278	1.62271	1.62271	0.487343	1.154	1.154	0.240161	1.28355	1.28355	0.804335	1.05168	1.05168	0.0254739	1.71418	1.71418	0.00180332	2.46192	2.46192	0.804889	0.951003	-1.05152	0.0537628	0.641127	-1.55975	4.55426	2.97178	0.580026	1
cg06357940	PDHB	0.00019034	0.272858	0.823521	-1.21571	0.203014	0.794512	-1.25814	0.676776	0.930759	-1.07439	0.0288229	0.645065	-1.54893	1.89E-06	0.132004	-7.57223	0.0268518	0.638395	-1.56604	0.0077164	0.556804	-1.79596	0.367722	1.219303	1.271443	0.951369	-1.05112	18.62	8.639325	0.412424	1
cg16157821	PDHB	0.00043156	0.0652121	0.855618	-1.16875	0.374345	1.0711	1.0711	0.000105427	0.596938	-1.67522	0.0155363	0.799667	-1.25052	0.0113128	1.26085	1.26085	0.000852097	1.4587	1.4587	0.0184997	0.806281	-1.24026	0.505291	1.05224	1.05224	0.00535653	0.758595	-1.31823	14.8846	1.33771	0.0798862	1
cg23223339	PDHB;PDHB	0.0314352	0.614469	1.0795	1.07795	0.828964	0.96794	-1.03914	0.167226	0.80311	-1.24827	0.528121	0.90822	-1.10596	0.236239	0.829501	-1.20554	0.538247	0.910412	-1.0984	0.00507007	1.74725	1.74725	0.492049	1.13182	1.11082	0.00642004	1.70573	1.70573	4.01938	1.44606	0.319355	1
cg24088639	PDHX;APIP;PDHX;PDHX	3.08E-05	0.203707	0.862283	-1.15971	0.0295259	1.32717	1.32717	0.0215466	1.35646	1.35646	0.892485	0.985175	-1.01505	0.310781	1.12281	1.12281	0.611269	0.94496	-1.05825	3.34E-07	0.194799	-5.13349	0.26248	0.878937	-1.13774	0.6391131	0.949173	-1.05355	30.2538	5.84517	0.171737	1
cg02474183	PDHX;APIP;PDHX;PDHX	0.0311992	0.424161	1.16943	1.16943	0.0797249	1.45019	1.45019	0.0415951	0.662863	-1.03857	0.0957682	1.401908	1.415299	0.089315	0.997441	1.002057	0.994888	1.00123	1.00123	0.00102701	0.40473	-2.47099	0.792989	1.05134	1.05134	0.5202122	1.13284	1.13284	4.03021	2.33628	0.515282	1
cg25948180	PDHX;PDHX;APIP;PDHX	0.0130628	0.00587945	0.104913	-9.53171	0.598246	0.717066	0.39457	0.828661	0.973223	-1.14518	0.982673	0.986509	-1.01368	0.0666186	1.310244	-9.0708	0.0532281	0.253172	-3.94988	0.0111876	0.0510261	-19.5978	0.123065	0.957116	-2.8432	0.0569277	0.259869	-3.8481	5.42161	3.59329	0.50765	1
cg07253191	PDHX;PDHX;APIP;PDHX	0.0289199	0.018697	0.236721	-4.22438	0.185936	2.03201	2.03201	0.752338	0.852102	-1.17357	0.547707	0.735228	-1.36012	0.00710027	0.172317	-5.80326	0.0820604	0.377559	-2.64859	0.0071716	0.172898	-5.78374	0.263153	0.554449	-1.80359	0.127933	0.435147	-2.29807	4.14028	16.7606	3.59839	1
cg24937306	PDHX;PDHX;PDHX	0.00209776	0.837408	0.59244	-1.19305	0.0966209	0.960077	-1.04121	0.0215521	0.867357	0.497899	-2.00844	0.376321	1.36778	0.0178306	0.440103	-2.27191	0.0468665	0.456683	-2.1897	0.0067127	0.148596	-6.72763	0.0122282	0.345536	-2.89405	0.503863	17.4528	1.63153	1
cg07349464	PDHX;PDHX;PDHX	0.0122172	0.932586	1.01565	1.015665	0.0638661	1.46554	1.46554	0.99462	1.00124	1.00124	0.75893	1.05811	1.05811	0.0148478	0.5770111	-1.73307	0.0803092	1.700472	-1.42761	0.000586303	0.377219	-2.65098	0.796705	1.04851	1.04851	0.6344005	0.915847	-1.09189	5.64112	2.95497	0.474026	1
cg20869710	PDHX;PDHX;PDHX;APIP;PDHX;APIP;PDHX;PDHX	0.00370758	0.545735	0.872385	-1.14628	0.249332	1.31286	1.31286	0.931995	0.881124	-1.01924	0.246322	0.762841	-1.31089	5.44E-05	0.186564	-5.36009	0.412456	1.20575	1.20575	0.0907964	0.567599	-1.76181	0.908201	0.974573	-1.02609	0.636063	0.899034	-1.1123	8.03386	6.34345	0.701857	1
cg21552822	X	0.00448836	0.898929	0.989156	-1.01096	0.407362	0.929862	-1.07543	0.285932	0.909295	-1.09975	0.276147	1.10207	1.138804	1.1465	1.1465		0.352387	1.08557	1.08557	0.88E-05	0.543204	-1.84093	0.0858362	0.849691	-1.1769	0.821374	0.980784	-1.01959	7.58368	0.884189	0.103636	1
cg11058730	HX	0.0186387	?	?	?	0.6589265	0.607757	-1.6454	0.0751456	0.616389	-1.62235	?	?	?	?	?	?	0.299519	0.77447	-1.29121	0.8816351	1.60061	1.60061	0.0240702	1.96373	1.96373	0.0159104	2.3136	2.1136	6.58269	3.64466	0.553673	1
cg08914678	PDHA2	0.0156792	0.114281	0.743043	-1.34582	0.0479325	0.986624	-1.01356	0.595054	1.0972	1.0972	0.519215	1.1196	1.1196	0.00173633	0.461967	-2.16465	0.115879	0.744179	-1.34376	0.0194954	0.656742	-1.52312	0.0173112	1.6507	1.6507	0.381968	0.856392	-1.16769	5.10524	2.41703	0.428936	1
cg05703996	PDHA2	0.0178375	0.212022	0.631125	-1.58447	0.0316381	0.20622	-4.8492	0.0188123	0.869201	-1.20885	0.115252	0.583917	-1.71257	0.457196	0.775521	-1.28946	0.171785	0.600924	-1.6641	0.0272195	2.49681	2.49681	0.858351	0.930372	-1.06454	0.652877	1.17576	1.17576	4.89186	9.4962	1.72553	1
cg07326665	PDHA2	0.011962	0.143373	0.61082	-1.63714	0.0212969	0.419947	-2.38125	0.00171983	0.245998	-4.06507	0.497848	1.24078	1.24078	0.0279221	0.442941	-2.25763	0.829036	0.934455	-1.07014	0.946213	1.02138	1.02138	0.915376	0.967229	-1.03188	0.698866	0.885271	-1.1296	3.99558	6.21874	1.38347	1
cg20686313	PDHA3;CATSPER2P1	0.0251643	0.304467	1.20126	1.201261	0.2264382	1.3116	1.3116	0.5640828	1.91687	1.91687	0.401134	0.862277	-1.15907	0.0215718	0.623137	-1.60935	0.305544	1.20074	1.20074	0.0654613	0.700121	-1.42833	0.0819203	1.01748	1.01748	0.2482809	0.811547	-1.23221	4.34731	2.047	0.418548	1
cg00649827	PDHA3;CATSPER2P1	0.0370092	0.0551443	1.53667	1.53667	0.935961	0.984247	-1.01601	0.18163	1.32336	1.32336	0.224276	1.28691	1.28691	0.0206655	1.73435	1.73435	0.983836	0.996005	-1.00401	0.011075	1.87662	1.87662	0.148705	1.80709	1.80709	0.0140265	1.82092	1.82092	3.78952	2.3433	0.549656	1
cg09017151	PDHA3P	0.0171766	0.0266869	1.83745	1.91045	0.0472552	0.575101	1.73879	0.0157771	0.853208	1.17205	0.158767	0.800132	1.24979	0.19679	0.817084	1.22386	0.0282233	4.57065	4.57065	0.0003439	57.2508	57.2508	0.0171671	11.3274	11.3274	0.0161852	5.82503	5.82503	4.05233	50.063	3.89838	1
cg25364573	PDHA3P	0.0301929	0.00683413	0.431179	-2.31922	0.548585	0.864377	-1.1569	0.0646066	0.607494	-1.64611	0.0661758	1.64021	1.64021	0.01064	0.4624878	2.16227	0.9951668	0.998547	-1.00145	0.208067	1.37533	1.37533	0.752005	0.926708	-1.07909	0.639325	0.892853	1.12001	4.07754	3.723106	0.811615	1
cg25730717	PDHA4	0.000648449	0.279593	0.88345	-1.13193	0.7675387	1.03022	1.03022	0.109977	1.21175	0.0399522	0.769695	-1.29922	1.45E-05	0.370053	-2.70232	0.06945542	0.7994414	-1.25092	0.0007696916	0.58235	-1.71718	0.158822	0.847018	-1.18061	0.695164	0.957514	-1.04457	13.2329	2.55863	0.171099	1
cg02108873	PDHA4	0.010947	0.73521	1.36115	1.361151	0.2344012	2.2604	2.2604	0.0197136	0.268384	1.34694	0.0455605	1.62262	1.62262	0.0139775	2.0227	2.0227	0.158807	1.54585	1.54585	0.0124766	2.38867	2.38867	0.0144425	1.45809	1.45809	0.0104525	0.898201	-1.11334	0.668443	1.36319	10.7223	6.72761	0.627441	1
cg02849913	PDHA4	0.0109263	0.0457206	0.775987	-1.28868	0.202093	0.829791	-1.20512	0.014691	1.39453	1.39453	0.335828	0.895938	-1.11615	0.962874	1.00517	1.00517	0.00332172	0.642324	-1.55685	0.0137909	1.4008	1.4008	0.458625	1.08715	1.08715	0.892131	1.01514	1.01514	5.74495	1.11542	0.172584	1
cg16654851	PDHA4	0.0107544	0.15997	0.93443	-1.0703	0.7203588	1.01028	1.01028	0.0649881	1.23918	1.23918	0.2	?	?	?	0.725866	0.8035	0.0919304	0.92445	-1.08145	0.4	0.10183	0.10183	0.0104657	0.143748	-6.9566	0.472948	11.8746	2.51076	0.4	1
cg00729039	PDHA4	0.0319446	0.193098	0.31168	1.31168	0.444203	0.857568	-1.16609	0.0607675	0.22523	2.02523	0.843575	1.03968	1.03968	0.0342709	0.6147763	1.62664	0.219073	0.75722	-1.28996	0.344291	1.21154	1.21154	0.10318	1.42069	1.42069	0.0094496	0.700311	1.42794	1.39635	3.45602	0.54628	1
cg08113657	PDHA4	0.0167735	0.991372	0.997537	-1.00247	0.789829	0.940889	-1.06282	0.0943629	0.657421	-1.5211	0.794953	1.0612	1.0612	0.0120731	0.48075	-2.04186	0.0117965	0.488078	-2.04885	0.0487646	1.67085	1.67085	0.40952	0.82499	-1.21214	0.0675333	0.626772	-1.59548	7.39835	3.12962	0.73219	1
cg22234842	PDHA4	0.044291	0.965853	1.03499	1.034987	0.5726602	1.24733	1.24733	0.0147853	1.16416	1.16416	0.10624	1.39427	1.39427	0.0116505	1.6924	1.6924	0.0311184	0.775545	-1.28959	0.0436382	1.10795	1.10795	0.0139754	1.35667	1.35667	0.0159079	1.01303	1.01303	0.0138705	1.07785	0.0139754	1.35667	0.0159079	1.01303	0.0138705	1.07785	0.142158	1
cg11496747	PDIA5;PDIA5	0.000186748	0.254097	1.92556	1.19256	0.00064514	0.458418	-2.18142	0.0209453	0.663105	-1.50806	0.118348	1.28496	1.28496	4.62E-05	0.320532	-3.11981	0.880527	1.02049	1.02049	4.35E-05	0.597824	1.08189	1.08189	0.0017586	1.23066	1.23066	0.597887	1.08189	18.7156	6.48156	0.307838	1
cg19840693	PDIA5;PDIA5	0.00111279	0.117969	1.17484	1.174842	0.0127554	1.34354	1.34354	0.0015199	1.14335	1.14335	0.165208	1.34036	1.34036	0.0044184	1.84396	1.84396	0.0158771	1.04792	1.04792	0.7354455	1.08857	1.08857	0.0001755	1.14146	1.14146	0.0195254	1.24657	1.24657	2.46116	3.14308	1.27735	1
cg00439184	PDIA5;PDIA5	0.00365618	0.0108423	2.20818	2.20818	0.000679515	3.67733	3.67733	0.0159654	2.07611	2.07611	0.00940475	2.25953	2.25953	0.185611	0.706439	-1.41555	0.0998629	1.56278	1.56278	0.359075	0.791769	-1.26299	0.0414698	1.78988	1.78988	0.0031379	2.7178	2.7178	8.06759	7.82383	0.863023	1
cg04348041	PDIA5;PDIA5	0.00421567	0.952334	0.972283	-1.02851	0.616123	0.788451	-1.26831	0.937254	1.03771	1.03771	0.130671	1.24156	1.24156	?	?	?	0.316204	0.974074	0.0026164	0.0487489	-20.5133	0.332332	0.624844	-1.6004	?	?	0.838443	19.5731	3.12162	1
cg07046870	PDIA5;PDIA5	0.00454129	0.00237974	0.420116	-2.38028	0.0980949	0.616697	-1.62159	0.0915315	0.0215771	2.39536	0.0215771	2.39536	0.0215771	2.39536	0.0215771	2.39536	0.0474034	0.370826	-2.69668	0.0011197	0.123246	-8.11364	0.0303709	0.328523	-3.04392	0.0304911	0.328878	7.55675	22.8938	2.83977	0.0408	1
cg07309374	PDIA5;PDIA5	0.00796926	0.170955	1.11808	1.11808	0.0129742	0.78973	-1.26626	0.446591	1.06119	1.06119	0.0115539	1.27351	1.27351	0.498073	1.05407	1.05407	0.258363	1.09449	1.09449	0.00378627	0.741503	-1.34861	0.285093	1.08872	1.08872	0.0199903	0.805575	-1.23981	6.35184	0.589676	0.0825205	1
cg10098541	PDIA5;PDIA5	0.00819643	0.657683	1.52043	1.520428	0.0500858	0.9008	-1.11006	0.0208008	0.93548	-1.06918	0.0707157	1.37943	1.37943	0.0196227	1.81493	1.81493	0.316204	0.974074	-1.02664	0.0026164	0.487489	-20.5133	0.332332	0.624844	-1.6004	?	?	0.838443	19.5731	3.12721	0.62987	1
cg03981286	PDIA5;PDIA5	0.0183271	0.119539	0.589305	-1.69691	0.493789	0.844006	-1.18453	0.0215771	0.129177	2.21175	0.0199572	2.21175	0.0199572	2.21175	0.0199572	2.21175	0.0258704	0.436485	-2.29114	0.0121281	0.591011	-1.69202	0.0788476	0.8422	1.18742	0.37942	1.32616	4.86567	7.52151	1.37975	1
cg03259872	PDIA5;PDIA5	0.0198103	0.242272	0.555737	-1.79941	0.000434954	0.069278	-14.4346	0.0261055	0.281635	-3.55069	0.673441	0.816387	-1.22491	0.118007	0.442735	-2.25869	0.0932729	0.412207	-2.42596	0.123964	0.449464	-2.22487	0.0667826	0.372867	-2.68192	0.6440115	0.799823	-1.25028	4.71981	17.2243	3.24389	1
cg22709453	PDIA5;PDIA5	0.0127433	0.297735	0.619453	-1.61482	0.0220258	0.580576	-1.72322	0.0184789	0.0902288	-11.0827	0.0215771	2.39536	0.0215771	2.39536	0.0215771	2.39536	0.0434803	0.782366	-1.27845	0.0194897	0.695	-1.43907	0.0886163	0.531923	-1.88006	0.0440665	0.641132	-1.55975	4.55426	2.97178	0.580026	1
cg16720405	PDIA5;PDIA5	0.0252843	0.00569376	0.72733	-1.37134	0.0175397	0.354635	-2.8198	0.160603	0.584181	-1.71177	0.0184167	0.358595	-2.78866	0.437869	0.752909	-1.32818	0.0334074	0.410049	-2.43873	0.00986244	0.310487	-3.22074	0.453164	0.760277	-1.31531	0.0237466	0.379827	-2.63278	4.34012	8.84141	1.81079	1
cg02753644	PDIA5;PDIA5	0.0343598	0.78054	1.69599	1.695987	0.0544012	2.2604	2.2604	0.0197136	0.268384	1.34694	0.0455605	1.62262	1.62262	0.0139775	2.0227	2.0227	0.158807	1.54585	1.54585	0.0124766	2.38867	2.38867	0.0144425	1.45809	1.45809	0.0104525	0.898201	-1.11334	0.668443	1.36319	10.7223	6.72761	0.627441	1
cg26084141	PDIA5;PDIA5	0.0418994	0.0233968	0.260056	-3.84533	0.111185	0.421941	2.37	0.0807163	0.381679	-2.62	0.1563	0.627367	-1.59396	0.0793398	0.379642	-2.63406	0.0744956	0.372284	-2.68612	0.0321758	0.287162	-3.48235	0.00496868	0.157346	-6.35542	0.0232369	0.259499	-3.85357	3.62054	14.1793	3.4812	1
cg16654851	PDIA5;PDIA5	0.0454006	0.25191	0.593551	-1.68462	0.102222	0.358928	-2.78508	0.0182742	0.195766	-5.16085	0.1563	0.398494	-2.50958	0.0704455	0.198546	-5.06062	0.402572	0.61215	-1.6359	0.0139284	0.455127	-2.19708	0.0258841	0.455127	4.55127	0.4126431	0.632058	-1.58213	5.51384	2.56964	0.62083	1
cg22403851	PDIA5;PDIA5	0.000220911	0.304465	1.33092	1.0905705	0.342805	0.817111	-1.56058	0.0215771	0.0215771	2.39536	0.0215771	2.39536	0.0215771	2.39536	0.0215771	2.39536	1.666-05	0.0633664	-15.782	2.57032	1.3756	1.3756	0.450492	1.24435	1.24435	0.2533554	1.24435	1.24435	3.55233	10.5632	0.708458	1	
cg04351776	PDIA6	0.00103283	0.0698062	0.680666	-1.46915	0.0296337	0.461246	-2.16804	0.187271	1.30366	1.30366	0.2630673	1.48687	1.48687	0.00649224	0.5110379	-1.95664	0.753499	0.941983	-1.06159	5.41E-05	0.239839	-4.16946	0.1146401	0.722116	-1.38482	0.278521	1.23835	1.23835	11.6592	6.64669	0.50674	1
cg25617230	PDIA6	0.0012725	0.0196903	0.759152	-1.31732	0.0426053	1.14014	1.14014	0.3710728	1.51815	1.51815	0.0459891	1.6918307	1.6918307	0.0144702	0.6480544	-1.54306	0.0311184	0.775545	-1.28959	0.0436382	1.10795	1.10795	0.0139754	1.35667	1.35667	0.0159079	1.01303	1.01303	0.0138705	1.07785	0.0139754	1.35667	0.0159079	1.01303	0.0138705	1.07785	0.142158	1
cg10613252	PDIA6	0.00579019	0.900048	1.03049	1.03049	0.77267	1.0717	1.0717	0.111778	1.51288	1.51288	0.452114	0.832664	-1.20096	0.0416326	0.570357	-1.75329	0.477961	1.1883	1.1883	0.00149242	0.210648	-4.74725	0.0400739	0.567134	-1.76325	0.855374	1.04458	1.04458	0.70174	6.3499	0.804527	1
cg25436126	PDIA6	0.00690051	0.772994	1.11751	1.117512	0.185182	0.97039	-1.67049	0.441702	1.46949	1.30649	0.2530676	0.646229	-1.54792	0.0065584	0.279434	-3.5775	0.0318317	0.990932	-1.50606	0.00095237	0.122884	-8.13774	0.175575	1.6921	1.6921	0.101277	0.519314	-1.92562	6.6447	14.0337	1.87735	1
cg02690256	PDIA6	0.0308209	0.00186809	0.400362	-2.49774	0.0100031	0.47139	-2.12	0.77939	0.902412	0.948017	-1.05483	0.800743	1.16134	1.16134	0.115683	1.47961	0.3677	0.664415	-1.50508	0.00095237	0.228281	-3.35254	0.00956572	0.209802	-4.77011	0.5923551	0.790424	-1.26518	4.47947	14.4862	2.60623	1
cg20725704	PDIA6	0.0174654	0.00781591	0.224936	-4.4457	0.775101	0.882344	-1.13335	0.980498	0.988376	-1.01074	0.103585	0.45939	-2.1768	0.0361308	0.344775	-2.90044	0.136031	0.495617	-2.01769	0.0545364	0.62204	-4.94463	0.794184	0.892039	-1.12103	0.0371368	0.347358	-2.87887	3.77262	11.409	2.68814	1
cg17753661	PDIK1L;PDIK1L;PDIK1L	0.000568008	0.886831	1.0822	1.082197	0.2664264	1.31005	1.31005	0.0227844	0.648892	1.04532	0.6387	1.06295	1.06295	0.4135564	0.6022149	-1.66082	0.0293604	0.969	-1.03199	0.5027171	1.96267	1.96267	0.0080362	2.64044	2.64044	0.0013853	0.296011	1.37878	1.37878	0.598	0.579002	1.68	1
cg19411708	PDIK1L;PDIK1L;PDIK1L	0.000746507	0.0028682	7.75738	7.75738	0.0538596	0.335137	-2.98386	0.387064	0.642232	-1.55707	0.01678	0.429606	0.429606	0.00141406	0.0995021	-10.05	0.0422227	3.21784	3.21784	0.8823994	0.928735	-1.07673	0.126535	0.438021	-2.283	0.0001997934	0.0440267	-22.621	12.7783	50.4813	3.51161	1
cg09581377	PDIK1L;PDIK1L;PDIK1L	0.000807397	0.0437399	-2.18628	0.113847	0.798019	-1.269	0.764212	0.0425	1.04256	0.00111496	0.5142723	-1.94443	0.343002	-1.14487	-1.14487	-1.14487	0.0286663	1.3362	1.3362	0.00144272	0.403832	-2.48127	0.2399	0.843339	-1.18576	0.0188287	0.673327	-1.48526	14.4097	3.79849	0.270008	1
cg00947585	PDIK1L;PDIK1L;PDIK1L	0.00321317	0.332356	0.886535	-1.12799	0.567373	1.0721	1.0721	0.000121939	0.224305	2.24305	0.0174585	1.41688	1.41688	0.2284128	1.16985	1.16985	0.0909216	2.15141	2.15141	0.740955	0.960834	-1.04076	0.0186294	0.709284	-1.40987	0.782601	0.967238	-1.03387	3.85119	1.92608	0.204178	1
cg02957197	PDIK1L;PDIK1L;PDIK1L	0.00489083	0.998541	0.999724	-1.00028	0.6573122	0.732232	-1.36569	0.0648099	1.36732	1.36732	0.0908129	0.754901	-1.32468	0.602259	0.923712	-1.08259	0.327164	1.16493	1.16493	0.000701329	2.18118	2.18118	0.0218413	1.51483	1.51483	0.0136984	0.631243	-1.58418	7.38819	2.66518	0.320654	1
cg16438800	PDIK1L;PDIK1L	0.00583844	0.280435	1.18707	1.187071	0.2353345	1.4301	1.4301	0.0374018	1.17004	1.17004	0.0802188	1.53153	1.53153	0.0021988	2.04256	2.04256	0.0311184	0.775545	-1.28959	0.0436382	1.10795	1.10795	0.0139754	1.35667	1.35667	0.0159079	1.01303	1.01303	0.0138705	1.07785	0.0139754	1.35667	0.0159079	1.01303	0.0138705	1.07785	0.142158	1
cg17493193	PDIK1L;PDIK1L;PDIK1L	0.0102854	0.0220057	0.290773	-3.4391	0.011588	0.241901	-4.13392	0.0912943	0.433349	-2.30761	0.0719848	0.405316	-2.46721	0.00767977	0.214285	-4.66669	0.0043572	0.180376	-5.54398	0.00469264	0.184559	-5.41833	0.304325	1.61339	1.61339	0.0158403	0.382712	-2.61293	5.8576	18.7568	2.84634	1
cg22388161	PDIK1L;PDIK1L;PDIK1L	0.00215522	0.0179503	0.5	-1.82	0.185182	0.97039	-1.67049	0.441702	1.46949	1.30649	0.2530676	0.646229	-1.54792	0.0065584	0.279434	-3.5775	0.0318317	0.990932	-1.50606	0.00095237	0.122884	-8.13774	0.175575	1.6921	1.6921	0.101277	0.519314	-1.92562	6.6447	14.0337	1.87735	1
cg01901656	PDILT	0.00047598	0.326094	0.887019	-1.12737	0.000591258	0.533967	-1.87277	0.00643161	0.657648	-1.52057	6.25E-05	0.418078	-2.3919	0.131181	0.824724	-1.21253	0.0169184	0.708575	-1.41128	0.000492443	0.524508	-1.90655	0.000948323	0.558405	-1.79082	0.000748119	0.546139	-1.83104	14.4943	3.20963	0.196835	1
cg11297236	PDILT	0.0211799	0.954296	1.02006	1.02006	0.57089	0.474207	-2.10878	0.0165728	0.362647	-2.7575	0.197174	1.60404	1.60404	0.00800667	0.307952	-3.24726	0.333043	0.707455	-1.41352	0.114892	0.552005	-1.81158	0.0080154	0.308029	-3.24644	0.0269507	0.403332	-2.47935	6.61357	8.77734	1.69112	1
cg00950099	PDILT	0.0193134	0.696635	1.08227	1.082271	0.5774475	0.698935	-1.43075	0.421767	1.16156	1.16156	0.246529	0.801595	-1.24751	0.364537	1.21316	1.21316	0.954644	1.01091	1.01091	0.8149314	1.73419	1.73419	0.376165	0.574378	-1.74101	0.0510069	0.666556	-1.50025	3.9443	2.08051	0.468864	1
cg08284233	PDILT	0.0403828	0.17057	1.97907	1.97907	0.264414	0.580358	-1.72307	0.226678

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Probeset ID	UCSC_REFGENE_NAME PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg08839770	MS PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	0.00092971	0.308127	0.682505	-1.46519	0.331076	1.43784	1.43784	0.43452	1.33474	1.33474	0.00103479	0.172097	-5.81067	?	?	?	0.00459983	0.91875	0.919875	0.018887	2.80017	0.000294077	0.118141	-8.46448	0.646954	1.18173
cg17810966	MS PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	0.00119488	3.57E-05	0.176192	-5.67561	0.0512204	0.616682	-1.62158	0.251577	0.770426	-1.29798	0.990809	1.00251	1.00251	0.00338049	0.419859	-2.38175	0.563392	0.880561	-1.13564	0.0964639	1.48793	1.48793	0.317924	0.798694	-1.25204	0.00433126	0.435931	-2.29394	11.1854	8.39886	0.667445
cg09525234	MS PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	0.00251057	0.468645	1.3391	1.3391	0.242137	1.62386	1.62386	0.803127	0.905812	-1.10398	0.894143	1.05414	1.05414	0.553578	0.780703	-1.2663	0.0998742	0.489643	-2.04231	3.05E-05	0.0396585	-25.2153	0.557181	1.26506	1.26506	0.717819	0.866132	-1.15456	0.92083	22.4066	2.20789
cg09885664	MS PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	0.0122361	0.0030745	0.145305	-6.88208	0.339357	0.6258	-1.59795	0.276411	0.583411	-1.71406	0.626075	0.367924	-2.71795	0.00125055	0.106077	-9.42711	0.647008	0.802957	-1.2454	0.0193508	0.260239	-3.84263	0.459713	1.43088	1.43088	0.0354478	0.311575	-3.2077	5.53835	19.8719	3.18938	1
cg18009021	MS PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	0.0163661	0.0145262	0.224257	-4.45917	0.0645619	0.356674	-2.80368	0.0388335	0.304908	-3.27968	0.0971361	0.404933	-2.46955	0.00492211	0.157271	-6.35844	0.24365	1.8326	1.8326	0.0210245	0.252006	-3.96816	0.307038	1.69056	1.69056	0.0378972	0.302619	-3.30448	5.03294	19.6528	3.47097	1
cg16592149	MS PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	0.0323352	0.334054	0.73494	-1.36066	0.12013	0.593832	-1.68398	0.162505	0.630711	-1.58551	0.315942	1.37781	1.37781	0.00374366	0.298223	-3.3532	0.0287184	0.450448	-2.22001	0.0476059	0.496442	-2.01433	0.915345	0.967667	-1.03341	0.0173864	0.408526	-2.44783	3.98342	6.02788	1.3451	1
cg05945869	MS PDLIMS,PDLIMS,PDLIMS,PDLIMS,PDLI	0.0440802	0.166769	0.756131	-1.32252	0.113294	0.721235	-1.38651	0.0146321	0.5655	-1.76835	0.306476	1.22234	1.22234	0.011008	0.546159	-1.83097	0.515415	1.13322	1.13322	0.193617	1.29801	1.29801	0.461562	0.867504	-1.15273	0.11497	0.722513	-1.38406	3.55285	2.0234	0.506235	1
cg26612230	MS	0.0477653	0.960304	0.986524	-1.01366	0.0266768	2.04603	2.04603	0.880998	1.04168	1.04168	0.369766	0.777951	-1.28543	0.0443884	0.358224	-2.79155	0.984954	1.00515	1.00515	0.243426	1.39476	1.39476	0.16439	1.49843	0.149843	0.451532	0.811314	-1.23257	3.44735	4.05726	1.04615	1
cg15197657	PDLIM7,PDLIM7	0.0285865	0.989675	0.9968	-1.00321	0.160253	0.689675	-1.44996	0.180712	0.703287	-1.42189	0.943608	0.982633	-1.01767	0.01122647	0.461818	-2.16535	0.0539686	0.581713	-1.71906	0.00660064	0.4175144	-2.39513	0.0680119	1.65891	1.65891	0.4164547	1.22835	1.22835	4.15728	4.03828	0.863446	1
cg07286341	PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.00245462	0.0743016	0.636536	-1.5707	0.00403944	0.41597	-2.40391	0.2230829	0.33754	1.33754	0.0117501	0.56452	-1.77142	0.00296568	0.899004	-1.11224	0.459684	0.842826	-1.18649	0.000168129	0.23349	-4.28285	0.0197622	0.527611	-1.89534	0.0545552	0.609335	-1.64113	8.8737	7.25117	0.726359	1
cg11186754	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLI	0.00490713	0.141192	0.866943	-1.15348	0.522642	0.943234	-1.06021	0.293572	0.90637	-1.1033	0.7807725	1.02655	1.02655	0.258525	0.899088	-1.11224	0.79727	0.97704	-1.0235	0.8705	0.15	1.90021	0.596709	1.04936	1.04936	0.7805583	0.975118	-1.02552	7.38069	0.951709	0.114618	1
cg07034563	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.00838295	0.00581126	0.32479	-3.07891	0.000667251	0.197673	-5.05887	0.0598014	0.516251	-1.93704	0.062599	0.520841	-1.91997	0.00371775	0.295227	-3.38723	0.156911	0.624193	-1.60207	0.0147369	0.39283	-2.54563	0.615099	0.8540001	-1.17096	0.2101154	0.662919	-1.50848	6.25134	9.59458	1.36427	1
cg04269301	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.03341	0.2961517	0.803748	-1.24454	0.0800777	1.04273	1.04273	0.0273756	0.709451	-1.35139	0.6418139	0.902067	-1.10837	0.1449217	0.892606	-1.12049	0.00167936	0.243689	4.10045	0.146945	0.845209	1.18314	0.94053	0.892368	-1.12497	0.132582	1.22795	1.83256	2.44762	0.0571	0.553244	1
cg21410283	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.0389858	0.0262386	2.81927	2.81927	0.1203933	1.93916	1.93916	0.0290825	2.74881	2.74881	0.357352	1.45081	1.45081	0.041078	1.02949	1.02949	0.685066	1.17385	1.17385	0.0210653	2.97646	2.97646	0.00369645	4.67501	4.67501	0.0839967	2.12045	2.12045	0.19027	2.17562	1
cg14346281	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.00267337	0.00500792	0.659267	-1.51523	0.815494	1.01829	1.01829	0.0880187	0.946702	-1.0563	0.00075234	0.972746	-1.48445	0.00266762	0.724603	-1.38007	0.282606	1.00945	1.00945	0.0565217	0.845833	-1.18227	0.133523	0.882047	-1.13373	0.3261	1.08181	1.08181	8.85328	0.845356	0.0846737	1
cg06946942	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.00119717	0.000623237	0.648238	-1.54264	0.617708	1.04231	1.04231	0.111671	1.15334	1.15334	0.0629639	0.841764	-1.18798	0.447173	1.06588	1.06588	0.00926231	0.761903	-1.3125	0.00623538	1.34121	1.34121	0.00679656	1.33484	1.33484	0.00504498	1.35715	1.35715	11.1793	1.20062	0.0954632	1
cg14681977	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.0122125	0.0571538	0.421836	-2.37059	0.0634046	0.432896	-2.31002	0.0933673	0.477002	-2.09643	0.161322	0.554124	-1.80465	0.0350455	0.409128	-2.44422	0.0474744	0.402784	-2.48272	0.0402288	0.212274	-4.71089	0.00692394	0.125342	-7.97982	0.0247707	0.342337	-2.92101	0.514583	14.1194	2.26471	1
cg20181482	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7	0.044503	0.166167	1.29264	1.29264	0.0802744	1.07201	1.07201	0.122199	1.26124	1.26124	0.625435	1.0649	1.0649	0.2001568	1.07997	1.07997	0.7002202	0.947271	-1.0556	0.0927934	0.626871	-1.58763	0.115947	0.787947	-1.26928	0.0927856	1.29556	1.29556	5.9422	1.09807	0.27596	1
cg17248603	PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7 PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDLIM7,PDP	0.0197197	0.860173	1.02111	1.02111	0.655467	1.05463	1.05463	0.251467	0.867692	-1.15248	0.266884	0.871956	-1.14685	0.277203	0.874709	-1.14324	0.744072	0.96194	-1.03957	0.00230587	0.603845	-1.65605	0.00202352	0.597077	-1.67482	0.336944	1.12442	1.12442	4.72717	1.05045	0.197524	1
cg27316993	1,PDP1 PDP1,PDP1,PDP1,PDP1,PDP1,PDP1,PDP	0.00671578	0.011905	0.745372	-1.34161	0.00985659	1.35712	1.35712	0.0021266	1.49813	1.49813	0.516647	1.0635	1.0635	0.656632	0.958974	-1.04278	0.206622	0.882755	-1.13282	0.040702	0.801541	-1.2476	0.15791	1.15183	1.15183	0.141474	1.15955	1.15955	6.70105	0.930286	0.123402	1
cg14942134	1,PDP1	0.00965863	0.481749	0.946481	-1.05655	0.15139	1.14073	1.14073	0.0122019	1.27154	1.27154	0.043115	1.19603	1.19603	0.183516	1.11466	1.11466	0.819657	1.01772	1.01772	0.0376628	0.830714	-1.20378	0.0276415	1.22178	1.22178	0.00138385	1.42857	1.42857	5.97656	0.5601107	0.0833043	1
cg03846022	PDPK1,LOC652276,PDPK1	0.00282976	0.0641291	0.440894	-2.26812	0.0229406	0.342643	-2.91849	0.0824175	0.468919	-2.13256	0.00905619	0.6905	3.6905	0.0029777	0.201047	-4.97396	0.105443	2.00632	2.00632	0.00102519	0.147221	-6.79251	0.851276	1.07668	1.07668	0.0444208	0.40303	-2.48121	8.70768	21.3703	2.1815	1
cg04134485	PDPK1,LOC652276,PDPK1	0.00547994	0.0486634	0.718095	-1.3925	0.140271	0.402052	-2.48693	0.0644284	0.499202	-2.00434	0.1304027	0.642583	-1.55652	0.0144611	0.339396	-2.94614	0.0827263	0.644664	-1.55139	0.0228314	0.228945	-4.36945	0.0156566	0.330353	-3.02526	0.00596368	0.412402	-2.42455	-4.74881	7.15555	25.9016	3.2266	1
cg05728166	PDPK1,PDPK1	0.00327628	0.0849253	1.4666	1.4666	0.354182	0.825632	-1.21119	0.52914	0.879716	-1.13673	0.183165	1.3283	1.3283	0.160377	0.739739	1.35183	0.00270621	0.434802	-2.2999	0.0457682	1.58456	1.58456	0.000470811	3.01779	3.01779	0.184628	0.753638	-1.3269	8.33671	5.33493	0.568829	1
cg01979270	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.00417554	0.0193643	0.33246	-3.08014	0.0212908	0.447679	-2.23374	0.217465	0.686092	-1.45753	0.67881	1.12852	1.12852	0.00693632	0.222468	-4.49503	0.000772062	0.228008	-4.38427	0.236117	0.697345	-1.43401	0.598111	0.856885	-1.16702	0.021652	0.44906	-2.22688	7.75137	10.3501	1.1869	1
cg22499237	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.00183348	0.0193082	0.334569	-3.00247	0.0242771	0.529028	-1.89384	0.1189579	0.846207	0.946702	-1.0563	0.00775234	0.972746	-1.48445	0.00266762	0.724603	-1.38007	0.282606	1.00945	1.00945	0.0565217	0.845833	-1.18227	0.133523	0.882047	-1.13373	0.3261	1.08181	1.08181	8.85328	0.845356	0.0846737	1
cg00505555	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.01272553	0.0294285	0.739023	-1.35314	0.764947	0.965261	-1.03599	0.888184	0.983548	-1.01673	0.620429	0.780566	-1.28112	0.0851476	0.798961	-1.25163	0.575028	0.935388	-1.06908	0.000240407	0.488413	-2.04745	0.816323	0.972938	-1.02782	0.865908	1.02013	1.02013	5.46812	1.2041	0.195736	1
cg02421553	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.00175964	0.0135361	0.21843	-4.57748	0.0105681	0.184273	-5.42473	0.0237656	0.370945	-2.69563	0.0127756	0.539953	-1.85139	0.0418139	0.502939	-1.98558	0.151677	0.794142	-1.25922	0.0314349	0.20059	-4.98553	0.0127702	0.414804	-2.41017	0.0076955	0.290622	-3.44099	1.9355	2.16357	0.316999	1
cg03971523	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.00315724	0.0412595	1.72566	1.72566	0.676112	1.10387	1.10387	0.0168669	0.508842	-1.96525	0.445489	1.1975	1.1975	0.86544	0.961203	1.04036	0.0687419	0.623692	-1.60335	0.277072	1.29949	1.29949	0.027987	1.82512	1.82512	0.0891168	0.647597	1.54417	0.013114	3.41342	0.756054	1
cg02119755	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0451755	0.0306748	0.292292	-3.42124	0.126023	0.448435	-2.22998	0.207945	0.525595	-1.90261	0.0601806	0.358069	-2.79276	0.01153O5	0.21639	-4.62128	0.26355	0.568562	-1.75882	0.00468714	0.161862	-6.1781	0.289686	0.587167	-1.70304	0.0554257	0.349305	-2.86283	3.52039	13.0859	3.30416	1
cg02421553	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.00175964	0.0135361	0.21843	-4.57748	0.0105681	0.184273	-5.42473	0.0237656	0.370945	-2.69563	0.0127756	0.539953	-1.85139	0.0418139	0.502939	-1.98558	0.151677	0.794142	-1.25922	0.0314349	0.20059	-4.98553	0.0127702	0.414804	-2.41017	0.0076955	0.290622	-3.44099	1.9355	2.16357	0.316999	1
cg05474444	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0472843	0.37673	0.809055	-1.12239	0.0831589	1.27656	1.27656	0.133365	1.22887	1.22887	0.0594511	0.632628	-1.58071	0.787004	0.964663	1.03663	0.136018	0.815069	-1.22685	0.0982987	1.01156	1.01156	0.0976936	1.26022	1.26022	0.140254	0.887999	0.228095	1
cg00831909	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.00274776	0.00569229	0.427183	-2.34006	0.0184481	0.597154	-1.67466	0.0914658	0.744958	-1.34258	0.244858	0.840518	0.450715	1.18899	0.870071	1.14926	0.0116554	0.501184	1.99527	0.0188184	0.82838	1.20802	1.36521	1.36521	0.0178898	-1.27066	0.615846	0.709111	0.777418	7.7438	1
cg16590190	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0048877	0.00560068	0.322006	-3.10554	0.149061	1.61937	1.61937	0.720193	1.11857	1.11857	0.89987	0.961543	-1.04	0.00990276	0.362352	-2.75974	0.173351	1.57039	1.57039	0.000763275	4.89709	4.89709	0.184049	1.55116	1.55116	0.747284	0.904188	-1.10597	7.38963	11.3584	1.36629	1
cg05241359	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.00248868	0.0114753	0.263827	-3.81932	0.0202551	0.90549	-1.27436	0.0644448	1.50823	1.50023	0.326277	0.650881	-1.53637	0.00388286	0.19245	-5.19507	0.436421	0.717427	-1.39389	0.136248	0.178858	-5.59231	0.0119132	0.684159	0.48	0.0119132	0.684159	-1.46161	-1.82393	6.83127	17.8651	2.52736	1
cg02933679	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0259526	0.123809	0.634835	-1.57546	0.296826	0.996812	-1.00318	0.956421	0.9632	0.0242992	0.574481	0.845411	0.916637	-1.09094	0.200046	0.754483	0.182657	0.978568	-1.0219	0.497635	0.0109	0.0106366	4.188	4.188	0.173868	1.51811	1.52183	1.63098	2.79918	1
cg22798977	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0305521	0.0302103	0.440628	-2.26949	0.0384516	0.46244	-2.16244	0.0724095	1.90545	1.90545	0.0330702	0.448694	-2.22869	0.00759741	0.331527	-3.01634	0.765853	0.908424	-1.10081	0.148311	0.607347	-1.64651	0.756843	1.10504	1.10504	0.224732	0.663586	-1.50696	4.06042	6.65084	1.45597	1
cg04592614	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0459234	0.0841826	0.259269	-3.8572	0.0900808	0.45751	-2.18539	0.0603013	0.715909	-1.39722	0.159903	0.759913	-1.31625	0.0199354	0.715909	-1.39722	0.714064	1.25116	1.25116	0.0199354	0.743345	-1.34545	-1.29141	0.0399564	0.53521	0.53521	0.0377703	0.788619	-1.26804	3.49878	27.6612	0.70751	1
cg22436123	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0474418	0.155003	0.423139	-2.36329	0.159333	0.420041	-2.38072	0.0698278	0.632349	0.502	1.46969	1.46969	0.37133	0.0629704	0.274195	-3.64729	0.0747502	1.5069	1.5069	0.0894805	1.07763	1.07763	0.0553137	0.341312	0.341312	0.0431366	0.141595	0.145703	0.174849	4.49582	1
cg20954418	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0483784	0.0674681	0.408458	-2.44771	0.158529	0.452842	-2.20837	0.0755279	0.993932	-1.00702	0.640282	0.899239	-1.11205	0.0122747	0.494635	-2.02153	0.799205	1.05921	1.05921	0.322558	1.39034	1.39034	1.22934	0.128922	1.44814	1.44814	0.0291391	0.559803	-1.78634	4.92674	2.76693	0.760898	1
cg18877506	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0150145	0.0473668	1.22343	1.22343	0.0409869	0.46963	-2.13003	0.0140463	0.314663	0.0178995	0.124182	0.448102	0.0104522	0.563719	0.542004	-1.84405	0.0175358	20.597	20.597	0.00139387	127.316	127.316	0.00370327	60.598	60.598	0.0372529	12.9581	12.9581	5.81822	100.921	15.4184	1
cg24671344	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0142815	0.969078	0.945407	-1.05775	0.0557949	0.24669	23.0655	0.0510911	24.6669	24.9669	0.0712829	18.4967	18.4967	0.373329	0.266185	-3.75679	0.0282529	42.5809	42.5809	0.0018796	592.236	592.236	0.0060378	180.279	180.279	0.0473397	26.7391	26.7391	5.26528	174.909	29.5282	1
cg28189468	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0229976	0.910522	1.22907	1.22907	0.0944831	1.16455	1.16455	0.0444449	1.02768	1.02768	0.844949	0.974555	24.4505	0.00795768	15.5579	15.5579	0.0038434	0.907755	0.907755	0.0153553	0.84807	0.84807	0.0703336	0.908359	0.908359	0.0703336	0.845002	0.0548102	0.561015	0.457534	0.0548102	0.561015	0.77438	1
cg09804380	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0261963	0.985971	1.03196	1.03196	0.0516198	52.6456	52.6456	0.0445758	61.9652	61.9652	0.0951642	26.5937	26.5937	0.777491	0.602357	-1.66015	0.0663491	39.8215	39.8215	0.00353235	1183.29	1183.29	0.00832941	417.182	417.182	0.0461129	59.6747	59.6747	4.28679	217.345	45.0676	1
cg05281894	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0272099	0.988464	0.980719	-1.01966	0.0557515	18.5184	18.5184	0.0467893	21.4411	21.4411	0.0763875	14.2212	14.2212	0.599681	0.490077	-2.04049	0.0422074	21.3294	21.3294	0.00399776	183.012	183.012	0.0119132	68.4419	68.4419	0.0574525	18.0087	18.0087	4.23215	121.493	25.5395	1
cg05140069	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0388316	0.753202	1.562079	-1.77911	0.0254658	56.1325	56.1325	0.0461347	64.9457	64.9457	0.101573	26.4157	26.4157	0.408718	0.213666	-4.68021	0.0503355	58.8342	58.8342	0.00178727	483.55	483.55	0.0215019	155.107	155.107	0.0165564	24.994	24.994	3.72349	196.733	46.9649	1
cg17271677	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1	0.0462814	0.286909	0.727832	-1.37394	0.934398	1.02393	1.02393	0.029748	0.479554	-2.08527	0.415008	0.787128	-1.27044	0.00423907	0.332959	-3.00337	0.573182	1.17767	1.17767	0.0152949	0.42508	-2.3525	0.443254	0.798854	-1.25179	0.0925791	0.587578	-1.7019	1.48858	4.56014	1.16192	1
cg27826518	PDPK1,PDPK1,PDPK1,PDPK1,PDPK1,PDPK1,PDPN	0.0297142	0.0841853	0.259269	-3.8572	0.0900808	0.45751	-2.18539	0.0603013	0.715909	-1.39722	0.159903	0.759913	-1.31625	0.0199354	0.715909	-1.39722	0.714064	1.25116	1.25116	0.0199354	0.743345	-1.34545	-1.29141	0.0399564	0.53521	0.53521	0.0377703	0.788619	-1.26804	0.3498	27.6612	0.70751	1
cg07235439	PDPR	0.00894636	0.00425083	0.746001	-1.34048	0.737994	1.02611	1.02611	0.947265	1.00508	1.00508	0.00492953	0.751838	-1.33007	0.00628318	0.761364	-1.31343	0.348752	0.928783	-1.07668	0.964558	1.00341	1.00341	0.0178369	1.24677	1.24677	0.218356	0.905598	-1.10424	0.123998	0.568905	0.0825759	1
cg09160751	PDPR	0.0236378	0.1227561	0.473853	-2.11005	0.0743545	0.387721	-2.57937	0.0538355	0.601214	-1.66288	0.0972201	0.421411	-2.37298	0.00409824	0.177852	-5.62405	0.0515937	1.24571	1.24571	0.0470878	0.311422	0.778571	-1.28446	0.0491015	0.445125	0.445125	0.0418344	0.442278	0.0154845	0.0154845	0.0418344	0.442278	0.79329	1
cg05690286	PDPR	0.026616	0.779763	1.05617	1.05617	0.866617	1.03332	1.03332	0.355632	1.20351	1.20351	0.041308	0.632001	-1.58228	0.0637892	1.50116	1.50116	0.59396	1.1106	1.1106	0.00216938	0.432189	-2.3138	0.87051	1.03232	1.03232	0.079036	0.683735	-1.46255	4.26301	2.56563	0.535089	1
cg19581275	PDPR	0.0273622	0.43793	1.14541	1.14541	0.340663	1.1835	1.1835	0.284641	0.826384	-1.21009	0.564114	1.10521	1.10521	0.287868	0.827517	-1.20843	0.820842	0.961820	-1.03969	0.0016311	0.435962	-2.29378	0.0867267	1.38349	1.38349	0.209049	0.796767	-1.25507	4.22186	1.96842	0.414438	1
cg13251791	PDPR	0.0932381	0.06043482	0.789585	-1.26581	0.207755	1.16108	1.16108	0.160443	1.21683	1.21683	0.188881	0.849409	-1.17725	0.0429938	0.794214	-1.25904	0.0636101	1.29225	1.29225	0.0129466	1.20009	1.20009	0.0802231	1.24121	1.24121	0.0407935	1.30073	1.30073	1.70928	0.728278	0.174524	1
cg06931398	PDRG1	0.00356956	0.859283	1.0468	1.0468	0.72013	0.911438	-1.09717	0.386974	1.2568	1.2568	0.0584973	0.576397	-1.73492	0.597524	1.14721	1.14721	0.412092	0.805608	-1.2413	3.47E-06	0.0599533	-16.6797	0.346383	1.28394	1.28394	0.145037	0.668054	-1.49689	15.6842	16.5026	0.93527	1
cg11189139	PDRG1	0.00155416	0.0052524	0.70978	-1.40859	0.31681	0.71911	-1.38139	0.000323349	0.44854	-6.7322	0.809484	0.927365	-1.07832	0.0042621	0.303004	-3.3006	0.492869	0.804595	-1.2426	?	?	?	0.0404617	0.22352	0.22352	0.0127713	1.62687	1.62687	0.16237	14.5641	1.3722	1
cg07676327	PDRG1	0.00274784	0.826146	0.975981	-1.02461	0.0100549	0.698349	-1.43195	0.0225441	0.739394	-1.35246	0.0837016	0.809324	-1.2356	0.0031053	0.639555	-1.56359	0.0248534	1.74448	1.74448	0.40568	0.09858	1.09858	0.588056	0.941349	-1.06231	0.783669	1.69924	0.171959	1
cg22950754	PDRG1	0.00481217	0.0118765	0.20044	-4.98902	0.000562675	0.0647976	-15.4327	0.0233176	0.249751	-4.00398	0.1873161	0.489114	-2.04452	0.00449289	0.1439	-6.94926	0.0355649	0.285867	-3.49813	0.00342112	0.130608	-7.65652	0.00481155	0.14762	-6.77417	0.0951351	0.391205	-2.5562	7.42478	30.8015	3.68754	1
cg04555665	PDRG1	0.00275532	0.0029742	0.358023	-2.79365	0.209619	0.775857	-1.2889	0.0423801	0.645233	-1.54955	0.0772259	0.477575	-2.09387	0.0041253	0.240697	-4.15361	0.0100401	0.133726	7.4775	0.0015648	0.0258852	-38.6401	-4.85785	0.0807184	0.310956	-3.21589	0.195043	0.437541	-2.2855	4.10374	29.6222	5.1202	1
cg27284157	PDRG1	0.0108984	0.266387	0.858727

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00814476	PDXDC2	0.0179525	0.747488	1.03295	1.03295	0.0068711	1.42083	1.42083	0.375157	1.09565	1.09565	0.0982944	1.19957	1.19957	0.685639	1.04168	1.04168
cg07473590	PDXDC2	0.0223596	0.192632	1.14152	1.14152	0.00234618	1.50317	1.50317	0.0263461	1.28767	1.28767	0.90143	0.988177	-1.01196	0.799906	0.975915	-1.02468
cg09114546	PDXDC2	0.0499153	0.301745	0.88842	-1.12559	0.0415173	1.29683	1.29683	0.0205647	0.734554	-1.36137	0.189791	0.857639	-1.16599	0.730829	1.03893	1.03893
cg11385003	PDXK	4.79E-06	6.47E-05	0.454558	-2.19994	3.02E-05	2.40204	2.40204	0.00902882	1.42839	1.42839	0.0264166	0.753691	-1.3268	3.13E-07	0.200999	-4.97515
cg23702614	PDXK	0.000111282	0.360177	0.862122	-1.15993	3.91E-06	0.1837	-5.44366	0.0092388	0.593894	-1.6838	0.902976	1.01942	1.01942	0.00456652	0.551228	-1.81413
cg08692423	PDXK	0.00062038	0.000894016	0.644991	-1.55041	0.00813881	1.34803	1.34803	0.783233	0.97598	-1.02461	0.0175293	0.775019	-1.29029	0.157599	1.1425	1.1425
cg02677192	PDXK	0.000701114	0.10205	0.71389	-1.40078	0.0162916	1.73885	1.73885	0.190892	0.770412	-1.29801	0.190185	0.770054	-1.29861	6.58E-05	0.251861	-3.97044
cg00784703	PDXK	0.00125913	0.113224	1.43694	1.43694	0.129493	1.41128	1.41128	0.0930929	1.47483	1.47483	0.293245	1.25772	1.25772	0.57909	0.888834	-1.12507
cg01224366	PDXK	0.001628	0.524403	0.864384	-1.15689	0.750579	1.07471	1.07471	0.0664144	1.59213	1.59213	0.236461	1.32345	1.32345	0.730386	1.08129	1.08129
cg00506168	PDXK	0.00272341	0.615624	0.920777	-1.08604	0.00486978	1.83786	1.83786	0.440549	1.13683	1.13683	0.776425	1.04752	1.04752	0.222829	1.23227	1.23227
cg23178308	PDXK	0.0182208	0.0452804	0.514404	-1.944	0.603451	0.85926	-1.16379	0.0537181	0.530446	-1.8852	0.05542	0.533429	-1.87466	0.125927	0.619219	-1.61494
cg21755709	PDXK	0.0359488	0.0709856	0.500266	-1.99893	0.0393781	0.441152	-2.26679	0.194519	0.624232	-1.60197	0.678575	0.866677	-1.15383	0.0212115	0.38628	-2.5888
cg24875593	PDXK	0.0462062	0.0178606	0.338682	-2.95262	0.348706	0.69572	-1.43736	0.705338	1.15357	1.15357	0.97106	1.01374	1.01374	0.0673978	0.462674	-2.16135
cg26504229	PDXK	0.0464233	0.173873	0.736769	-1.35728	0.259885	1.28166	1.28166	0.859712	1.03806	1.03806	0.809565	1.0523	1.0523	0.0289239	0.580514	-1.72261
cg27611781	PDXP	0.00132229	0.21136	0.832243	-1.20157	0.403959	1.12648	1.12648	0.0404479	1.39105	1.39105	0.00323467	1.75096	1.75096	0.066393	0.750422	-1.33258
cg06190092	PDXP	0.0032082	0.0347533	0.813095	-1.22987	0.00184789	1.45011	1.45011	0.208207	1.11801	1.11801	0.0260417	0.800871	-1.24864	0.329839	0.918934	-1.08822
cg07264792	PDXP	0.0136884	0.936845	1.03017	1.03017	0.0177129	0.339012	-2.94975	0.00533829	0.252484	-3.96065	0.929061	0.967157	-1.03396	0.99231	0.996392	-1.00362
cg16043724	PDXP	0.0245303	0.824362	1.01952	1.01952	0.0952632	1.1728	1.1728	0.742471	0.971734	-1.02909	0.254142	1.1091	1.1091	0.00703703	1.35388	1.35388
cg20985758	PDXP	0.0472378	0.732666	1.06805	1.06805	0.00359631	0.469108	-2.1317	0.0861813	0.694883	-1.43909	0.534339	0.886184	-1.12843	0.0324303	0.618284	-1.61738
cg10553238	PDYN	0.000849629	0.00646033	0.668594	-1.49568	0.00271761	0.624572	-1.6011	1.64E-05	0.364777	-2.7414	0.0893161	0.808172	-1.23736	0.271306	1.13905	1.13905
cg11320144	PDYN	0.0290838	0.0158285	0.235523	-4.24587	0.0827413	0.390662	-2.55975	0.0307622	0.289064	-3.45944	0.387389	0.648303	-1.54249	0.0218004	0.2601	-3.84468
cg14944362	PDYN	0.0352051	0.0341862	0.471606	-2.12042	0.18636	0.653078	-1.53121	0.00945979	0.367831	-2.71864	0.488567	0.807358	-1.23861	0.159122	0.632758	-1.58038
cg21957191	PDYN	0.0489849	0.0413209	0.336672	-2.97025	0.235339	0.562524	-1.7777	0.216382	0.547849	-1.82532	0.0491514	0.35388	-2.82582	0.00502698	0.179679	-5.56548
cg11245384	PDYN;PDYN	0.0344698	0.00965314	0.422191	-2.36859	0.790892	0.932427	-1.07247	0.0167413	0.463566	-2.15719	0.543838	0.850646	-1.17558	0.133708	0.653218	-1.53088
cg20230182	PDZD11	0.0045361	0.0109623	0.371703	-2.69032	0.0235398	0.432367	-2.31285	0.00326854	0.288531	-3.46584	0.362712	0.74825	-1.33645	0.00120568	0.229932	-4.34912
cg00803922	PDZD11;KIF4A	0.000223715	2.83E-05	0.10812	-9.24901	0.00816047	0.400553	-2.49655	0.0312928	0.505241	-1.97925	0.473019	1.21802	1.21802	0.000239589	0.193385	-5.17103
cg05262724	PDZD2	0.000722714	0.249427	0.903614	-1.10667	0.0135894	1.29317	1.29317	0.221576	0.897468	-1.11425	0.264114	1.10297	1.10297	0.000162417	0.581639	-1.71928
cg17721897	PDZD2	0.00125282	0.109636	1.36212	1.36212	0.341441	0.840556	-1.18969	0.892306	1.02429	1.02429	0.862426	0.969735	-1.03121	7.80E-05	0.281746	-3.54929
cg13039251	PDZD2	0.0225633	0.0196649	0.22921	-4.36282	0.0020868	0.10392	-9.62281	0.0601478	0.330097	-3.02941	0.166473	0.462453	-2.16238	0.0420032	0.293775	-3.40397
cg01924596	PDZD2	0.0245421	0.312361	1.76283	1.76283	0.409877	0.633057	-1.57964	0.0868203	0.358454	-2.78976	0.597793	1.33484	1.33484	0.361943	0.601489	-1.66254
cg01051581	PDZD2	0.0249381	0.906061	0.954148	-1.04806	0.0274304	2.82135	2.82135	0.137565	1.88856	1.88856	0.255804	1.60263	1.60263	0.00244653	0.18709	-5.34502
cg13382700	PDZD2	0.0264822	0.118488	0.516516	-1.93605	0.0915789	0.484726	-2.06302	0.0610295	0.439119	-2.27728	0.0410321	0.398876	-2.50705	0.000923159	0.14528	-6.88327
cg20682639	PDZD2;PDZD2	0.00445755	0.0441539	0.666104	-1.50127	0.141962	0.757721	-1.31975	0.000190207	0.331131	-3.01995	0.00831515	0.552803	-1.80896	0.00770319	0.547912	-1.82511
cg09799714	PDZD3;PDZD3	0.0222948	0.0469786	0.41553	-2.40656	0.0554777	0.432437	-2.31247	0.00265327	0.200736	-4.98166	0.468288	1.32978	1.32978	0.0103982	0.287581	-3.47729
cg00395990	PDZD3;PDZD3	0.0227869	0.00293081	0.400322	-2.49799	0.855931	1.04155	1.04155	0.113135	0.679591	-1.47147	0.192142	0.733968	-1.36246	0.00435608	0.425983	-2.34751
cg15514065	PDZD3;PDZD3	0.0255224	0.648331	1.16543	1.16543	0.153766	0.601006	-1.66388	0.024705	0.409988	-2.4391	0.865483	1.05816	1.05816	0.0165025	0.376576	-2.6555
cg20969392	PDZD4	0.00102465	0.0153472	2.40665	2.40665	0.00237942	0.286444	-3.49108	0.0505889	0.518131	-1.93001	0.909544	0.967012	-1.03411	0.000126363	0.139495	-7.1687
cg15245437	PDZD4	0.0105266	0.494717	0.76055	-1.31484	0.96283	1.01857	1.01857	0.26313	0.630951	-1.58491	0.844785	1.08045	1.08045	0.000129067	0.0723344	-13.8247
cg13482208	PDZD4	0.0112572	0.578549	1.19006	1.19006	0.20393	0.659836	-1.51553	0.00989445	0.364001	-2.74724	0.00686475	0.337739	-2.96087	0.0126718	0.382584	-2.6138
cg06051662	PDZD4	0.014974	0.00254128	0.242848	-4.11781	0.578411	0.827217	-1.20887	0.927285	1.03132	1.03132	0.75026	1.11394	1.11394	0.494794	0.791159	-1.26397
cg21652638	PDZD4	0.0166828	0.207276	1.28859	1.28859	0.00523675	0.495497	-2.01817	0.0406378	0.637201	-1.56936	0.0215347	0.590766	-1.69272	0.584606	0.9001	-1.11099
cg08126551	PDZD4	0.0246214	0.416044	1.20449	1.20449	0.310999	1.26442	1.26442	0.0100158	0.483028	-2.07027	0.915465	0.976515	-1.02405	0.00668731	0.45501	-2.19775
cg12523974	PDZD4	0.0246682	0.0326769	0.111492	-8.96925	0.292381	2.60857	2.60857	0.147317	0.255437	-3.91487	0.0326146	8.97862	8.97862	0.124616	0.232404	-4.30286
cg25916188	PDZD4	0.0292996	0.789954	1.10634	1.10634	0.0433238	0.406951	-2.4573	0.537985	0.789455	-1.2667	0.0185005	0.327967	-3.04909	0.0402272	0.399493	-2.50317
cg24670916	PDZD4	0.029442	0.0798056	1.68647	1.68647	0.594483	1.15541	1.15541	0.01259	0.434248	-2.30283	0.348513	0.771455	-1.29625	0.00247018	0.32254	-3.10039
cg13510429	PDZD4	0.032751	0.11714	0.542972	-1.84172	0.979776	1.00914	1.00914	0.417631	1.34607	1.34607	0.0693979	2.0726	2.0726	0.232398	1.56727	1.56727
cg24046087	PDZD4	0.0356264	0.613118	0.757733	-1.31973	0.6859	0.801537	-1.2476	0.696449	0.807899	-1.23778	0.00824929	6.28584	6.28584	0.10522	0.381679	-2.62
cg24627517	PDZD7	0.00012359	0.905717	1.02275	1.02275	0.108126	1.39485	1.39485	2.25E-05	0.199308	-5.01735	0.123967	0.72886	-1.37201	0.000123124	0.280351	-3.56695
cg04845687	PDZD7	0.0161202	0.0313623	0.497469	-2.01018	0.0130302	0.426638	-2.34391	0.143002	0.647082	-1.5454	0.0087204	0.396891	-2.51959	0.000907702	0.253579	-3.94355
cg21378403	PDZD7	0.0206952	0.414437	1.2274	1.2274	0.287832	1.31132	1.31132	0.122864	1.50767	1.50767	0.187146	1.40971	1.40971	0.0519887	0.581008	-1.72115
cg23400883	PDZD7;SFXN3	0.00213818	0.0433969	1.59554	1.59554	0.205562	0.764454	-1.30812	0.346697	1.21518	1.21518	0.208188	1.30588	1.30588	9.29E-05	0.245944	-4.06596
cg23190203	PDZD7;SFXN3;SFXN3	0.00923363	?	?	?	0.137712	1.22787	1.22787	0.0134388	1.49503	1.49503	0.124314	1.2385	1.2385	0.00127085	0.52969	-1.8879
cg05303236	PDZD7;SFXN3;SFXN3	0.0149961	0.905838	0.989462	-1.01065	0.0136507	0.761016	-1.31403	0.0117469	0.754446	-1.32548	0.240625	0.895853	-1.11625	0.439937	0.931917	-1.07306
cg09000138	PDZD8	0.000939602	0.00143031	0.433105	-2.30891	0.13307	0.745246	-1.34184	0.0257665	0.6185	-1.61681	0.887006	1.02613	1.02613	0.00056249	0.379004	-2.63849
cg03750061	PDZD8	0.00121314	0.0413399	0.73785	-1.35529	0.22634	0.848639	-1.17836	0.157809	0.822742	-1.21545	0.887992	0.981958	-1.01837	0.835568	0.973505	-1.02722
cg03519180	PDZD8	0.0104884	0.00099131	0.202654	-4.93453	0.124285	1.72108	1.72108	0.308062	0.708795	-1.41085	0.0701706	0.516642	-1.93558	0.00296226	0.264297	-3.78362
cg09437460	PDZD8	0.0199526	0.0487836	0.511349	-1.95561	0.422122	0.783179	-1.27685	0.00502057	0.330787	-3.02309	0.476783	0.806044	-1.24063	0.0216956	0.439812	-2.2737
cg17193369	PDZD8	0.0471889	0.0434699	2.61822	2.61822	0.870408	0.935933	-1.06845	0.0259796	3.00779	3.00779	0.193262	0.569427	-1.75615	0.052454	2.49046	2.49046
cg11061177	PDZD8;PDZD8	0.0144949	0.139629	0.779014	-1.28367	0.000318822	0.400291	-2.49818	0.0888076	0.744614	-1.34298	0.194168	0.805898	-1.24085	0.148365	1.27579	1.27579
cg00830283	PDZK1	0.0263171	0.00366854	0.0458416	-21.8142	0.279318	0.413711	-2.41715	0.0714377	0.206031	-4.85365	0.0446204	0.16377	-6.10612	0.00627295	0.0611589	-16.3509
cg00576267	PDZK1IP1	0.000291054	0.694836	1.0937	1.0937	0.30112	0.783959	-1.27558	0.000247571	0.252926	-3.95373	0.874688	1.0365	1.0365	0.000165281	0.232597	-4.29929
cg25970363	PDZK1IP1	0.0151384	0.490863	0.836878	-1.19492	0.356175	0.785441	-1.27317	0.00549525	0.394976	-2.5318	0.00506218	0.389405	-2.56802	0.080829	0.610988	-1.63669
cg26523175	PDZK1IP1	0.0171934	0.00989852	0.36668	-2.72718	0.0384228	2.09269	2.09269	0.188345	0.651081	-1.53591	0.315968	1.37601	1.37601	0.00486179	0.3168	-3.15656
cg15187606	PDZK1IP1	0.0197867	0.381422	0.851813	-1.17397	0.26328	0.811917	-1.23165	0.00218274	0.463958	-2.15537	0.0446982	0.66249	-1.50946	0.205531	1.26948	1.26948
cg02291556	PDZK1IP1	0.0314989	0.0174775	0.214298	-4.6664	0.0500217	0.304217	-3.28713	0.00915267	0.171594	-5.82772	0.054915	0.313752	-3.18723	0.00614634	0.149044	-6.70944
cg25855565	PDZRN3	0.000183475	0.0108385	1.56796	1.56796	0.00751805	0.616586	-1.62183	0.00724847	1.62738	1.62738	0.139132	1.25078	1.25078	0.000470038	0.461815	-2.16537
cg19968946	PDZRN3	0.000444627	0.0332428	1.91106	1.91106	0.000716893	3.81952	3.81952	0.101037	1.59573	1.59573	0.0288595	1.95544	1.95544	0.0329721	1.9136	1.9136
cg26154235	PDZRN3	0.000458203	0.000149717	0.435017	-2.29876	0.0667335	0.768947	-1.30048	0.0100211	0.660018	-1.51511	0.103168	1.25589	1.25589	0.000103984	0.415978	-2.40397
cg21751983	PDZRN3	0.000500431	0.480671	1.03367	1.03367	0.205079	0.940096	-1.06372	0.00104545	0.799192	-1.25126	0.696318	1.01829	1.01829	0.000218167	0.752149	-1.32952
cg13698291	PDZRN3	0.00104519	0.041282	1.59314	1.59314	0.0200078	1.74253	1.74253	0.60502	1.10873	1.10873	0.620186	1.10388	1.10388	0.0149904	1.80695	1.80695
cg23489627	PDZRN3	0.00308634	0.14001	1.29258	1.29258	0.0466158	0.691921	-1.44525	0.00465108	1.83747	1.83747	0.00177296	2.05326	2.05326	0.175126	1.26247	1.26247
cg13050115	PDZRN3	0.00362489	0.528785	0.924534	-1.08163	0.0637525	1.29209	1.29209	0.000102604	2.32903	2.32903	0.540337	1.0792	1.0792	0.079433	1.27049	1.27049
cg14753334	PDZRN3	0.00381931	0.650972	0.852428	-1.17312	0.00425429	0.26155	-3.82335	0.00395274	0.256924	-3.89221	0.10327	1.86774	1.86774	0.067415	0.487514	-2.05122
cg02920045	PDZRN3	0.00560765	0.907203	1.02194	1.02194	0.032564	1.59306	1.59306	0.358454	0.838807	-1.19217	0.16731	1.31522	1.31522	0.318259	1.21169	1.21169
cg23337650	PDZRN3	0.00656249	0.00239959	0.0722528	-13.8403	0.00773821	0.119424	-8.37356	0.016672	0.16273	-6.14514	0.682559	0.774573	-1.29103	0.00145254	0.0574056	-17.4199
cg02838088	PDZRN3	0.0071021	0.000682065	0.144445	-6.92306	0.0118363	0.309872	-3.22714	0.245999	0.636141	-1.57198	0.371621	1.40776	1.40776	0.0145358	0.325533	-3.07189
cg05085336	PDZRN3	0.00818896	0.206757	0.755428	-1.32375	0.00247076	0.412098	-2.42661	0.00470208	0.453267	-2.20621	0.295794	0.795842	-1.25653	0.686648	0.918125	-1.08918
cg03296801	PDZRN3	0.0082205	0.751388	0.939702	-1.06417	0.0550846	1.53048	1.53048	0.813568	1.04731	1.04731	0.0772937	0.680921	-1.4686	0.00189206	0.422494	-2.3669
cg05277096	PDZRN3	0.00990838	0.00405972	0.151203	-6.61361	0.0204359	0.254608	-3.92761	0.222493	0.533779	-1.87343	0.237395	0.545467	-1.83329	0.00361984	0.145407	-6.87723
cg05093591	PDZRN3	0.0108146	0.41988	0.853465	-1.17169	0.00779491	1.92856	1.92856	0.180558	1.31439	1.31439	0.214333	0.777752	-1.28576	0.187749	1.30786	1.30786
cg21863698	PDZRN3	0.0114033	0.0755685	0.325934	-3.06811	0.000435781	0.0428113	-23.3583	0.011201	0.16509	-6.05731	0.909253	1.06675	1.06675	0.0540026	0.289505	-3.45417
cg09236445	PDZRN3	0.0145031	0.00323754	0.402806	-2.48258	0.00835399	0.466234	-2.14485	0.432524	0.834138	-1.19884	0.0371539	0.57821	-1.72948	0.151323	0.706013	-1.4164
cg24602369	PDZRN3	0.0338183	0.0121277	0.142496	-7.01773	0.00539839	0.102063	-9.79792	0.149603	0.381856	-2.61879	0.567666	0.697714	-1.43325	0.0108739	0.136353	-7.33393
cg24173753	PDZRN3	0.0358754	0.343996	1.33144	1.33144	0.148343	0.634249	-1.57667	0.587575	1.17446	1.17446	0.00904435	0.37743	-2.6495	0.00409474	0.322649	-3.09934
cg25865467	PDZRN3	0.0400387	0.24646	0.796538	-1.25543	0.0277103	0.613583	-1.62977	0.0124598	0.557887	-1.79248	0.50216	0.879998	-1.13637	0.0410946	0.64252	-1.55637
cg20132590	PDZRN3	0.0489101	0.147034	1.2108	1.2108	0.0775724	0.78574	-1.27269	0.182028	0.840207	-1.19018	0.0864757	1.26209	1.26209	0.164237	0.833247	-1.20012
cg22501388	PDZRN4	1.28E-05	0.237842	0.804506	-1.243	?	?	?	0.000115448	0.304413	-3.28501	0.300062	0.827849	-1.20795	0.000314083	0.357887	-2.79418
cg03769383	PDZRN4	0.00307882	0.403344	1.06041	1.06041	0.0241963	0.831656	-1.20242	0.000152317	1.56143	1.56143	0.937517	0.994637	-1.00539	0.885557	0.99017	-1.00993
cg22969014	PDZRN4	0.00542198	0.622344	1.11772	1.11772	0.743151	1.0765	1.0765	0.127797	0.691359	-1.44643	0.485232	0.853013	-1.17232	0.000172827	0.239347	-4.17803
cg21926708	PDZRN4	0.00796356	0.0574868	0.799352	-1.25101	0.0183271	1.34771	1.34771	0.0198365	1.34069	1.34069	0.145878	0.849801	-1.17675	0.230292	1.14019	1.14019
cg07909692	PDZRN4	0.0081945	0.00573665	0.344512	-2.90266	0.102164	0.590729	-1.69282	0.112229	0.601165	-1.66344	0.20681	0.675847	-1.47962	0.000478258	0.199268	-5.01836
cg07743878	PDZRN4	0.0221735	0.198946	0.765168	-1.3069	0.000768799	0.366257	-2.73032	0.00650371	0.497875	-2.00854	0.332428	0.821055	-1.21795	0.191259	0.761212	-1.31369
cg00991744	PDZRN4	0.0250362	0.028292	2.40899	2.40899	0.544024	1.23185	1.23185	0.0107738	0.336975	-2.96758	0.0931702	0.534138	-1.87217	0.756808	0.8999	-1.11123
cg05557780	PDZRN4;PDZRN4	0.00344952	0.100533	0.825026	-1.21208	0.000226115	1.92639	1.92639	0.86931	1.01776	1.01776	0.333712	0.898884	-1.11249	0.0918815	0.820041	-1.21945
cg03730703	PEA15	0.021492	0.561917	1.20241	1.20241	0.313793	0.720755	-1.38743	0.0367451	0.466412	-2.14403	0.0832982	1.82692	1.82692	0.00675424	0.33163	-3.01541
cg13109911	PEA15	0.0422516	0.553619	1.1966	1.1966	0.036891	2.06691	2.06691	0.00893544	2.70803	2.70803	0.120263	1.65666	1.65666	0.305741	0.727859	-1.37389
cg23659592	PEA15;PEA15	0.00184303	0.568775	0.778512	-1.2845	0.0247448	3.19666	3.19666	0.0418258	2.77259	2.77259	0.419648	1.4311	1.4311	0.149891	0.511166	-1.95631
cg08685714	PEAR1	2.01E-05	0.018598	0.707098	-1.41423	0.900022	0.984849	-1.01538	0.00492704	0.636086	-1.57211	0.00486118	1.57387	1.57387	0.000160628	2.18809	2.18809
cg20805407	PEAR1	2.89E-05	0.000174331	2.47014	2.47014	0.103517	0.776663	-1.28756	0.00442452	0.583214	-1.71464	3.54E-05	3.1056	3.1056	5.72E-06	4.26429	4.26429
cg02671646	PEAR1	0.000626138	0.124826	0.515134	-1.94124	0.0203238	3.05483	3.05483	5.99E-05	19.3354	19.3354	0.219866	0.597482	-1.67369	0.00124057	0.151938	-6.58162
cg17967261	PEAR1	0.00157221	0.00610214	0.438666	-2.27964	0.000552642	0.291053	-3.4358	0.00349216	0.40162	-2.48992	0.0508495	1.6688	1.6688	0.00912623	0.466532	-2.14348
cg27577907	PEAR1	0.00172615	0.208133	0.695121	-1.4386	0.000629118	0.236889	-4.22139	0.00265357	0.320051	-3.1245	0.00172791	0.29376	-3.40413	0.00236826	0.312952	-3.19538
cg20792208	PEAR1	0.017545	0.838198	0.90612	-1.10361	0.0851672	0.39944	-2.5035	0.00396455	0.154425	-6.47562	0.0887376	2.4726	2.4726	0.285426	1.70735	1.70735
cg22396033	PEAR1	0.023703	0.0217595	0.363034	-2.75456	0.100707	0.516103	-1.9376	0.0144411	3.03148	3.03148	0.176309	0.58926	-1.69704	0.0117595	0.314204	-3.18265
cg06845943	PEAR1	0.0302017	0.00725661	0.0608543	-16.4327	0.611439	1.51295	1.51295	0.0105833	13.4442	13.4442	0.955309	0.955716	-1.04634	0.0308982	0.128954	-7.75468
cg20948486	PEAR1	0.0437785	0.044559	5.56315	5.56315	0.0324942	6.43833	6.43833	0.168018	2.98368	2.98368	0.10798	3.68719	3.68719	0.0507744	5.23749	5.23749
cg09219566	PEBP1	0.0002368	0.0146298	0.746799	-1.33905	1.22E-05	2.45175	2.45175	0.0279527	0.777079	-1.28687	0.355615	1.09668	1.09668	0.000797602	0.611496	-1.63533
cg09949152	PEBP1	0.00332821	0.0225167	0.822399	-1.21595	0.0341074	1.19356	1.19356	0.0172056	1.23085	1.23085	0.0385641	0.842426	-1.18705	0.881428	0.989377	-1.01074
cg18478175	PEBP1	0.00690978	0.0074487	0.509248	-1.96368	0.0368483	0.622015	-1.60768	0.0160514	0.561546	-1.7808	0.802445	0.952098	-1.05031	0.652725	0.915123	-1.09275
cg13032018	PEBP1	0.0286877	0.692065	1.08405	1.08405	0.0391971	1.62223	1.62223	0.0314655	1.66784	1.66784	0.838901	0.959569	-1.04213	0.633402	1.10232	1.10232
cg08946014	PEBP1	0.0460913	0.0314575	0.487809	-2.04998	0.0262716	0.472431	-2.11671	0.162769	0.654485	-1.52792	0.243124	0.706465	-1.4155	0.00403252	0.333245	-3.00079
cg12897782	PEBP1;PEBP1	0.0321406	0.304583	0.613358	-1.63037	0.613639	0.791312	-1.26372	0.868955	0.926896	-1.07887	0.000431034	0.0772742	-12.9409	0.953159	0.973355	-1.02737
cg10611863	PEBP4	1.49E-06	0.00665807	0.753891	-1.32645	0.000176893	0.600478	-1.66534	0.00117366	0.682426	-1.46536	1.41E-05	0.483582	-2.0679	0.0406676	0.827271	-1.20879
cg21932360	PEBP4	0.000138705	0.000119495	0.322715	-3.09871	0.778439	0.953687	-1.04856	0.000232773	0.35824	-2.79142	0.104856	0.742328	-1.34711	0.000132403	0.328099	-3.04786
cg15854394	PEBP4	0.000576956	0.0366464	0.638932	-1.56511	0.00060291	2.65376	2.65376	0.0101599	0.549867	-1.81862	0.0765924	1.4382	1.4382	0.000129257	0.293105	-3.41175
cg18050520	PEBP4	0.00166864	0.368593	0.812158	-1.23129	0.00943988	0.476536	-2.09848	0.262537	0.768592	-1.30108	0.424508	0.832137	-1.20172	0.00196736	0.373231	-2.67931
cg20378690	PEBP4	0.00438945	0.179511	1.89055	1.89055	0.00169345	7.4154	7.4154	0.863164	0.925836	-1.0801	0.0132816	3.93774	3.93774	0.0260186	0.30724	-3.25478
cg19840732	PEBP4	0.0052943	0.646745	1.04564	1.04564	0.247351	1.1241	1.1241	0.52239	1.06471	1.06471	0.08338	1.20366	1.20366	0.629064	0.954015	-1.0482
cg16336248	PEBP4	0.00693414	0.0161327	0.464514	-2.15279	0.0293172	1.95166	1.95166	0.383664	0.792407	-1.26198	0.000479188	0.239928	-4.16792	0.0248739	0.498836	-2.00467
cg00742963	PEBP4	0.00969607	0.413529	0.922835	-1.08362	0.364418	1.09366	1.09366	0.0296158	0.781918	-1.27891	0.71519	1.03583	1.03583	0.168926	1.1512	1.1512
cg01898817	PEBP4	0.0102886	0.000830944	0.367315	-2.72246	0.443666	1.16818	1.16818	0.0249201	0.58789	-1.701	0.39153	0.83968	-1.19093	0.995478	1.00113	1.00113
cg14538320	PEBP4	0.021985	0.0220719	0.516096	-1.93762	0.0104261	2.17508	2.17508	0.190171	1.39698	1.39698	0.263238	1.3245	1.3245	0.0818885	0.628426	-1.59128
cg13521002	PEBP4	0.0306917	0.0306708	2.77209	2.77209	0.00531757	4.37044	4.37044	0.31644	1.51576	1.51576	0.518725	0.768963	-1.30045	0.0577448	2.36702	2.36702
cg21287554	PEBP4	0.0426541	0.194034	0.331555	-3.01609	0.00930659	0.0706054	-14.1632	0.104273	0.240074	-4.16537	0.575083	0.634419	-1.57624	0.0612909	0.183768	-5.44163
cg25072880	PEBP4	0.0436335	0.693858	1.08364	1.08364	0.00722943	0.494718	-2.02135	0.226783	0.772851	-1.29391	0.259632	1.26969	1.26969	0.112028	1.421	1.421
cg03696370	PEBP4	0.0465675	0.0336501	4.40976	4.40976	0.0273597	4.76394	4.76394	0.527146	0.681694	-1.46693	0.508822	1.49303	1.49303	0.0526366	3.73426	3.73426
cg08699174	PECAM1	0.0335806	0.14977	0.607413	-1.64633	0.154931	0.611745	-1.63467	0.0903136	0.547396	-1.82683	0.230134	0.665998	-1.50151	0.00553841	0.30827	-3.24391
cg00879592	PECAM1;PECAM1	0.00187521	0.254202	0.807963	-1.23768	0.0128749	0.575161	-1.73864	7.47E-05	0.275751	-3.62646	0.848139	1.03493	1.03493	0.00104271	0.41925	-2.38521
cg22043667	PECI;PECI;PECI;C6orf201;PECI	0.00206825	0.000820305	0.675952	-1.47939	0.00155685	0.702398	-1.42369	0.107638	0.872512	-1.14612	0.533617	1.05019	1.05019	0.00814686	0.768693	-1.30091
cg09054876	PECI;PECI;PECI;PECI	9.90E-06	0.0864815	0.666464	-1.50046	0.00937802	2.02557	2.02557	9.13E-05	4.47264	4.47264	0.366021	1.22018	1.22018	2.65E-05	0.168573	-5.93214
cg24135112	PECI;PECI;PECI;PECI	0.022513	0.169556	0.514771	-1.94261	0.506912	0.736712	-1.35738	0.819047	0.901237	-1.10959	0.00519446	0.187516	-5.33287	0.32482	0.630398	-1.5863
cg12928997	PECI;PECI;PECI;PECI	0.0240467	0.693386	1.08272	1.08272	0.115837	0.709766	-1.40892	0.952151	1.01211	1.01211	0.0115842	0.530936	-1.88347	0.00359573	0.453509	-2.20503
cg18730422	PECI;PECI;PECI;PECI;PECI	0.0101996	0.82856	1.03662	1.03662	0.497096	0.891961	-1.12113	0.348742	1.17348	1.17348	0.00301649	1.96265	1.96265	0.54038	1.10826	1.10826
cg20401393	PECI;PECI;PECI;PECI;PECI	0.0134235	0.29589	1.55646	1.55646	0.0744727	0.44436	-2.25043	0.044113	0.389059	-2.5703	0.571663	0.791922	-1.26275	0.000768012	0.125004	-7.99975
cg07185648	PECR;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169	0.00286559	0.0783885	1.33645	1.33645	0.419941	1.13001	1.13001	0.37254	1.14545	1.14545	0.00112948	0.491265	-2.03556	0.386491	0.876624	-1.14074
cg13811713	PECR;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169;TMEM169	0.019175	0.0619347	0.819416	-1.22038	0.172897	1.14731	1.14731	0.717918	0.966213	-1.03497	0.742535	0.96925	-1.03173	0.918221	1.00978	1.00978
cg06226431	PEF1	4.24E-06	0.322616	0.939301	-1.06462	3.34E-06	1.95896	1.95896	0.00343137	1.27588	1.27588	3.99E-06	0.518484	-1.9287	0.000437011	1.40581	1.40581
cg13218803	PEF1	0.000979281	0.0269495	1.42239	1.42239	0.0580778	1.33387	1.33387	0.00900468	1.56302	1.56302	0.00526595	0.609675	-1.64022	0.000211361	0.43476	-2.30012

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00814476	0.29076	1.11631	1.11631	0.00410939	0.679556	-1.47155	0.0242908	1.30924	1.30924	0.526966	1.06644	1.06644	4.87946	0.778298	0.141782	1
cg07473590	0.0251098	0.774351	-1.2914	0.100154	1.18876	1.18876	0.579354	1.05522	1.05522	0.958681	0.995039	-1.00499	4.52866	0.660869	0.129716	1
cg09114546	0.0317053	0.756939	-1.32111	0.652428	0.951101	-1.05141	0.645202	1.05261	1.05261	0.0404716	0.769763	-1.2991	3.39031	0.656577	0.172145	1
cg11385003	0.0122019	1.3986	1.3986	0.0240042	0.748844	-1.33539	0.0101428	0.705843	-1.41675	0.300438	0.891129	-1.12217	49.0783	8.96969	0.162456	1
cg23702614	0.000829183	0.452119	-2.21181	0.0154984	0.62608	-1.59724	5.49E-05	0.305952	-3.26849	0.168042	0.79319	-1.26073	21.5159	8.47506	0.350131	1
cg08692423	0.000477767	1.6215	1.6215	0.907996	1.01024	1.01024	0.0179934	1.2884	1.2884	0.0011724	1.52185	1.52185	13.4579	1.65666	0.109422	1
cg02677192	0.00787691	0.526217	-1.90036	0.161998	0.754873	-1.32473	0.000247152	0.319858	-3.12639	0.0203822	0.590691	-1.69293	13.0051	7.30561	0.499331	1
cg00784703	0.0398817	0.606776	-1.64805	2.86E-05	0.177431	-5.63599	0.355254	1.2214	1.2214	0.684182	0.917586	-1.08982	11.0193	7.71935	0.622692	1
cg01224366	5.21E-05	5.52371	5.52371	0.00386427	0.415076	-2.4092	0.608053	0.889708	-1.12396	0.148883	1.41869	1.41869	10.235	8.27315	0.718504	1
cg00506168	4.76E-05	3.48709	3.48709	0.34211	0.852488	-1.17304	0.288354	1.19688	1.19688	0.267636	1.20717	1.20717	8.8069	3.70805	0.374257	1
cg23178308	0.0774767	1.76482	1.76482	0.00764648	0.37067	-2.69782	0.00927523	0.384591	-2.60016	0.276832	1.38733	1.38733	4.85517	6.44214	1.17943	1
cg21755709	0.989162	1.00467	1.00467	0.044246	0.452258	-2.21113	0.00214959	0.227693	-4.39188	0.399067	0.743463	-1.34506	3.82981	7.15119	1.65977	1
cg24875593	0.891501	0.94997	-1.05266	0.468959	0.757994	-1.31927	0.00197387	0.193177	-5.17659	0.739962	0.882266	-1.13344	3.49072	7.81867	1.99097	1
cg26504229	0.0199111	1.81008	1.81008	0.146238	0.719404	-1.39004	0.031546	0.587192	-1.70302	0.646845	1.1023	1.1023	3.48457	2.46053	0.627664	1
cg27611781	0.00964895	1.57901	1.57901	0.000206	0.420213	-2.37974	0.156227	0.809345	-1.23557	0.119323	0.789995	-1.26583	10.866	3.34699	0.273799	1
cg06190092	0.0821935	0.850539	-1.17572	0.0122352	0.769204	-1.30005	0.0105945	1.31029	1.31029	0.0555791	1.20007	1.20007	8.38906	0.939078	0.0995029	1
cg07264792	0.510656	0.778613	-1.28434	0.399316	1.3821	1.3821	0.00103968	0.161836	-6.17909	0.559217	1.24793	1.24793	5.3392	11.8939	1.98014	1
cg16043724	0.0653495	1.19709	1.19709	0.0204423	0.784329	-1.27498	0.0552763	0.827833	-1.20797	0.784375	0.976431	-1.02414	4.38604	0.525302	0.106459	1
cg20985758	0.178362	0.759914	-1.31594	0.854207	0.965299	-1.03595	0.15108	1.34368	1.34368	0.254973	0.795967	-1.25633	3.46182	2.02118	0.518977	1
cg10553238	0.838567	0.977077	-1.02346	0.213999	0.861794	-1.16037	0.56505	0.936017	-1.06836	0.707498	0.958054	-1.04378	12.3214	2.52199	0.181941	1
cg11320144	0.0766893	0.381689	-2.61994	0.0047233	0.159429	-6.27239	0.0138182	0.225718	-4.43031	0.165793	0.485295	-2.0606	4.13201	15.6599	3.36879	1
cg14944362	0.280505	0.710942	-1.40659	0.00816046	0.357115	-2.80022	0.00653566	0.341422	-2.92893	0.675501	0.879818	-1.1366	3.85896	5.65308	1.30215	1
cg21957191	0.1486	0.488374	-2.04761	0.0483484	0.35221	-2.83922	0.0786391	0.405145	-2.46825	0.0186233	0.267273	-3.74149	3.41462	11.5717	3.01233	1
cg11245384	0.525781	1.18443	1.18443	0.00968567	0.422436	-2.36722	0.0202229	0.478419	-2.09022	0.320841	0.763345	-1.31002	3.88853	4.26881	0.975817	1
cg20230182	0.317299	0.725805	-1.37778	0.273492	1.42374	1.42374	0.992353	1.00298	1.00298	0.00162255	0.246512	-4.0566	7.55937	11.5064	1.35301	1
cg00803922	0.19343	1.45045	1.45045	0.00034645	0.211114	-4.73678	0.609528	1.14935	1.14935	0.00163438	0.295476	-3.38437	17.8207	20.61	1.02802	1
cg05262724	0.00113816	1.49625	1.49625	0.00445038	1.37642	1.37642	0.702536	1.03284	1.03284	0.0395851	0.818402	-1.22189	12.895	1.44782	0.0998026	1
cg17721897	0.177601	1.289	1.289	0.00135522	2.28044	2.28044	0.146688	1.31786	1.31786	0.128935	0.747718	-1.3374	11.0352	5.48705	0.441985	1
cg13039251	0.0597968	0.32947	-3.03518	0.0100225	0.182814	-5.47005	0.0386104	0.285846	-3.49839	0.10766	0.399408	-2.50371	4.51456	19.5385	3.847	1
cg01924596	0.512461	0.697417	-1.43386	0.00488764	0.132191	-7.56479	0.000160872	6.97706	6.97706	0.824346	1.12817	1.12817	4.38531	20.4386	4.14284	1
cg01051581	0.983858	1.00808	1.00808	0.207682	1.69592	1.69592	0.0825478	2.14796	2.14796	0.781747	0.895458	-1.11675	4.36099	10.9182	2.22543	1
cg13382700	0.0466284	0.411415	-2.43063	0.0385765	0.392957	-2.54481	0.369995	0.698462	-1.43172	0.159309	0.55638	-1.79733	4.27054	10.2775	2.1392	1
cg20682639	0.344178	0.842637	-1.18675	0.0250401	0.625975	-1.59751	0.0049475	0.519964	-1.92321	0.379385	0.853458	-1.1717	7.59954	3.71637	0.43469	1
cg09799714	0.200815	0.593424	-1.68514	0.0647504	0.448788	-2.22822	0.0204033	0.339793	-2.94297	0.226232	0.61215	-1.63359	4.53318	10.7101	2.10009	1
cg00395990	0.613352	1.12092	1.12092	0.0199863	0.533117	-1.87576	0.821899	0.950745	-1.05181	0.888461	0.969051	-1.03194	4.49926	3.57625	0.706536	1
cg15514065	0.23856	0.662616	-1.50917	0.00419714	0.27844	-3.59144	0.0122977	0.35363	-2.82781	0.0660914	0.502901	-1.98846	4.32597	7.61581	1.56488	1
cg20969392	0.0117533	0.395	-2.53165	0.416037	1.27806	1.27806	0.161503	1.55471	1.55471	0.00824416	0.368877	-2.71093	11.6855	16.1221	1.22636	1
cg15245437	0.601561	0.812232	-1.23118	0.682632	1.17619	1.17619	0.743954	1.13812	1.13812	0.122567	0.516593	-1.93576	5.81421	14.3495	2.19378	1
cg13482208	0.0523719	1.98206	1.98206	0.0075111	0.344076	-2.90634	0.963053	1.01447	1.01447	0.836583	0.937963	-1.06614	5.68995	8.66492	1.35364	1
cg06051662	0.00478601	0.282151	-3.5442	0.00807717	0.317793	-3.1467	0.0241027	0.402961	-2.48163	0.0718635	0.507111	-1.97195	5.18368	9.37418	1.60747	1
cg21652638	0.0956868	1.41754	1.41754	0.0440978	1.55425	1.55425	0.800825	1.04938	1.04938	0.369212	1.19223	1.19223	5.00086	2.87891	0.511717	1
cg08126551	0.0173793	1.91224	1.91224	0.617462	1.1193	1.1193	0.795445	0.943509	-1.05987	0.695149	0.915624	-1.09215	4.3804	3.47552	0.705268	1
cg12523974	0.288969	0.380556	-2.62774	0.00322885	0.0294047	-34.0082	0.889207	1.13014	1.13014	0.802828	0.80285	-1.24556	4.37751	53.4096	10.8452	1
cg25916188	0.619896	0.827427	-1.20857	0.0594656	2.27153	2.27153	0.0485848	2.38824	2.38824	0.10446	1.97575	1.97575	4.5412	10.0817	1.72671	1
cg24670916	0.643487	0.882232	-1.13349	0.443093	1.23397	1.23397	0.76896	0.923867	-1.08241	0.815204	0.938998	-1.06496	4.11414	4.70946	1.01751	1
cg13510429	0.275766	0.665783	-1.50199	0.00268422	0.225662	-4.43141	0.196301	0.612485	-1.63269	0.154575	0.578854	-1.72755	3.96081	8.07554	1.81232	1
cg24046087	0.571131	0.732397	-1.36538	0.0544513	3.27823	3.27823	0.0182482	4.75446	4.75446	0.101908	2.64898	2.64898	3.84236	18.0162	4.16786	1
cg24627517	3.86E-05	0.223751	-4.46925	0.270953	1.24308	1.24308	0.847647	1.03719	1.03719	0.244412	0.79359	-1.2601	20.9188	11.9409	0.507394	1
cg04845687	0.0917247	0.598446	-1.67099	0.150715	0.653198	-1.53093	0.204784	0.69075	-1.4477	0.0615561	0.558606	-1.79017	5.05838	6.12552	1.07641	1
cg21378403	0.00505317	2.48569	2.48569	0.115442	1.52245	1.52245	0.00352347	2.64258	2.64258	0.250995	1.34256	1.34256	4.65017	4.44253	0.849199	1
cg23400883	0.0114134	0.528988	-1.8904	0.822702	1.04617	1.04617	0.649076	0.911977	-1.09652	0.015724	0.55137	-1.81366	9.45576	6.05789	0.569472	1
cg23190203	0.108385	1.2528	1.2528	0.3195	1.14027	1.14027	0.494303	1.09234	1.09234	0.176669	0.83188	-1.2021	7.03367	1.5624	0.194366	1
cg05303236	0.0336345	1.24876	1.24876	0.0470403	1.22566	1.22566	0.696835	1.03567	1.03567	0.0160684	0.768159	-1.30181	5.18115	0.657636	0.112825	1
cg09000138	0.00019898	0.32182	-3.10733	0.000981529	0.410975	-2.43324	0.278878	1.22665	1.22665	0.0250046	0.616392	-1.62235	11.976	6.24453	0.463484	1
cg03750061	0.932	0.989035	-1.01109	0.000122914	0.420786	-2.37651	0.605992	0.934989	-1.06953	7.16E-05	0.392665	-2.5467	11.1371	2.94406	0.234975	1
cg03519180	0.763588	1.10341	1.10341	0.474954	0.788973	-1.26747	0.925005	0.969752	-1.03119	0.0588887	0.49858	-2.0057	5.821	9.81165	1.49828	1
cg09437460	0.40293	0.774832	-1.2906	0.0771121	0.556662	-1.79642	0.0148554	2.44259	2.44259	0.188433	0.660114	-1.51489	4.70836	6.62401	1.25054	1
cg17193369	0.0480684	2.54897	2.54897	0.342008	1.49004	1.49004	0.0399074	2.67875	2.67875	0.199844	0.574742	-1.73991	3.76434	9.59578	1.98265	1
cg11061177	0.572783	0.914364	-1.09366	0.970252	1.00588	1.00588	0.652593	1.07379	1.07379	0.664261	0.933693	-1.07102	5.23962	2.04814	0.347461	1
cg00830283	0.71407	0.749193	-1.33477	0.171967	0.319521	-3.12969	0.0907058	0.231661	-4.31664	0.0122209	0.086317	-11.5852	4.2799	41.7372	8.66836	1
cg00576267	0.394156	0.82014	-1.2193	0.000162227	0.231679	-4.31632	0.000104941	0.210765	-4.74462	0.0218436	0.535189	-1.8685	16.5869	13.5581	0.726575	1
cg25970363	0.0164798	0.474422	-2.10783	0.0674801	1.6843	1.6843	0.389833	1.25137	1.25137	0.885964	1.03719	1.03719	5.16499	5.29733	0.911665	1
cg26523175	0.577403	1.18921	1.18921	0.0492665	0.501118	-1.99554	0.108212	0.583036	-1.71516	0.476617	0.80027	-1.24958	4.9507	7.4314	1.33429	1
cg15187606	0.0941879	0.719825	-1.38923	0.0269131	1.59713	1.59713	0.740313	0.942306	-1.06123	0.246776	0.80543	-1.24157	4.72172	2.38696	0.449359	1
cg02291556	0.400428	0.632338	-1.58143	0.215028	0.499088	-2.00366	0.039	0.280177	-3.56917	0.0489115	0.301968	-3.31161	4.01648	18.0372	3.99182	1
cg25855565	3.24E-05	0.321094	-3.11436	0.607142	1.07562	1.07562	0.00726716	1.62699	1.62699	0.96421	0.993713	-1.00633	18.8054	5.88502	0.278171	1
cg19968946	0.00711113	2.47154	2.47154	0.0189556	0.477404	-2.09466	2.44E-05	8.90735	8.90735	0.00462914	2.66549	2.66549	14.7627	15.8336	0.953371	1
cg26154235	0.108268	0.799364	-1.25099	0.864589	0.978421	-1.02206	0.705723	1.04968	1.04968	0.000342707	0.47862	-2.08934	14.6404	3.78779	0.229975	1
cg21751983	6.77E-05	0.71393	-1.4007	0.787973	0.987623	-1.01253	0.0398669	1.11601	1.11601	0.712382	1.01725	1.01725	14.2871	0.483005	0.0300507	1
cg13698291	0.0263033	1.6842	1.6842	3.06E-05	5.00959	5.00959	0.000714579	2.77125	2.77125	0.0109819	1.88008	1.88008	11.6199	7.20257	0.550978	1
cg23489627	0.0424622	0.68547	-1.45885	0.0843012	0.734428	-1.3616	0.965801	1.00695	1.00695	0.00333981	1.90708	1.90708	8.4863	3.51114	0.367771	1
cg13050115	0.0472057	1.3221	1.3221	0.00402889	1.60806	1.60806	0.521047	0.923131	-1.08327	0.873295	1.01982	1.01982	8.08841	1.93687	0.212856	1
cg14753334	0.195378	0.618721	-1.61624	0.000238439	0.118467	-8.44117	0.171929	0.600625	-1.66493	0.356871	0.717341	-1.39404	7.96252	15.4991	1.73023	1
cg02920045	0.402204	1.17303	1.17303	0.000102281	3.59821	3.59821	0.0313941	1.59984	1.59984	0.0676252	1.4639	1.4639	7.08524	3.8881	0.487788	1
cg23337650	0.0411558	0.231417	-4.32121	0.0345175	0.216213	-4.62507	0.409379	1.689	1.689	0.0265869	0.195396	-5.11782	6.7493	41.2504	5.43272	1
cg02838088	0.616735	1.20698	1.20698	0.323734	1.46224	1.46224	0.235819	1.58909	1.58909	0.0323475	0.392903	-2.54516	6.5853	14.4961	1.9567	1
cg05085336	0.221582	0.762906	-1.31078	0.00561446	2.15076	2.15076	0.335155	0.811112	-1.23288	0.0588554	0.637982	-1.56744	6.29768	4.42515	0.62459	1
cg03296801	0.291897	0.80736	-1.23861	0.00553963	2.04055	2.04055	0.458557	0.8627	-1.15915	0.0350356	0.618418	-1.61703	6.29005	3.81434	0.53903	1
cg05277096	0.0241862	0.268184	-3.72878	0.00277187	0.132585	-7.54233	0.0172144	0.241412	-4.14229	0.0241271	0.267982	-3.73159	5.92804	22.5126	3.37569	1
cg05093591	0.433368	0.857524	-1.16615	0.000614936	2.7566	2.7566	0.0996251	1.41479	1.41479	0.21385	1.28613	1.28613	5.76398	3.37447	0.520392	1
cg21863698	0.121823	0.386563	-2.5869	0.0133392	0.175995	-5.68199	0.538452	0.702587	-1.42331	0.535679	0.700851	-1.42684	5.6663	28.8237	4.52166	1
cg09236445	0.13191	1.44511	1.44511	0.0801407	1.55203	1.55203	0.994574	1.00154	1.00154	0.477037	1.17786	1.17786	5.23865	4.25327	0.72169	1
cg24602369	0.468013	0.631204	-1.58427	0.0612435	0.268685	-3.72184	0.46399	0.628483	-1.59113	0.0284091	0.199501	-5.0125	3.9154	24.0784	5.46638	1
cg24173753	0.694784	1.12278	1.12278	0.537148	1.20143	1.20143	0.416864	1.27592	1.27592	0.976039	1.00886	1.00886	3.83266	5.23485	1.21409	1
cg25865467	0.0155625	0.573033	-1.7451	0.0134048	0.56284	-1.77671	0.0702259	0.683961	-1.46207	0.934473	0.984685	-1.01555	3.68183	2.05414	0.495924	1
cg20132590	0.866184	0.979484	-1.02095	0.0226047	0.714926	-1.39875	0.0901213	1.25808	1.25808	0.316703	1.13568	1.13568	3.4166	0.817511	0.21269	1
cg22501388	0.776302	0.951119	-1.05139	1.28E-06	0.112009	-8.92789	0.000377994	0.368108	-2.7166	5.25E-06	0.162385	-6.1582	39.0872	17.0301	0.435696	1
cg03769383	0.245996	0.920144	-1.08679	0.0112715	0.804341	-1.24325	0.152913	0.900325	-1.11071	0.455762	1.05349	1.05349	8.49246	0.632832	0.0662373	1
cg22969014	0.713137	0.920556	-1.0863	0.0227608	0.542777	-1.84238	0.0323191	1.75392	1.75392	0.212976	0.745257	-1.34182	7.15888	5.69778	0.707471	1
cg21926708	0.160216	0.855216	-1.1693	0.00179438	0.629349	-1.58894	0.946378	0.993013	-1.00704	0.211534	1.14706	1.14706	6.35327	1.0934	0.152977	1
cg07909692	0.0288373	0.46838	-2.13502	0.00922911	0.378149	-2.64446	0.691382	1.12459	1.12459	0.0444372	0.50699	-1.97242	6.29633	8.63525	1.21909	1
cg07743878	0.347352	0.826295	-1.21022	0.100333	0.701182	-1.42616	0.203714	0.767566	-1.30282	0.821959	1.04545	1.04545	4.54168	2.79687	0.547399	1
cg00991744	0.247132	1.50816	1.50816	0.105154	0.548162	-1.82428	0.0404749	2.23325	2.23325	0.16821	1.64644	1.64644	4.35504	7.95183	1.62301	1
cg05557780	0.0676441	0.80342	-1.24468	0.00701335	0.688845	-1.45171	0.333802	0.898903	-1.11247	0.179325	0.858557	-1.16475	8.20941	1.48624	0.160925	1
cg03730703	0.0188207	0.408808	-2.44614	0.581675	0.839537	-1.19113	0.0495792	2.0222	2.0222	0.92052	0.969116	-1.03187	4.59054	7.18321	1.39092	1
cg13109911	0.464502	1.24981	1.24981	0.277614	0.713056	-1.40241	0.0160947	2.4162	2.4162	0.62528	0.862923	-1.15885	3.60932	5.12873	1.26308	1
cg23659592	0.000259303	0.0733545	-13.6324	0.6191	1.24341	1.24341	0.00163219	0.140623	-7.1112	0.0915539	2.24263	2.24263	9.87386	29.551	2.66031	1
cg08685714	4.01E-06	0.272243	-3.67318	2.08E-05	0.352338	-2.83818	0.00487645	0.635542	-1.57346	0.280365	0.872581	-1.14603	33.8335	7.90594	0.207708	1
cg20805407	0.00186242	0.53436	-1.8714	0.0415199	1.39606	1.39606	0.809556	1.03487	1.03487	0.40573	1.12834	1.12834	30.7578	9.81603	0.28368	1
cg02671646	0.0575113	0.42418	-2.35749	0.182735	1.75853	1.75853	0.154252	0.543974	-1.83832	0.0754609	2.20356	2.20356	13.4232	33.8837	2.24379	1
cg17967261	0.263686	0.764742	-1.30763	0.00348293	0.401448	-2.49098	0.00145205	0.346803	-2.88348	0.439261	0.833941	-1.19913	10.3386	8.67689	0.746022	1
cg27577907	0.793715	1.07445	1.07445	0.000883086	0.255202	-3.91847	0.778489	1.08034	1.08034	0.521527	0.836908	-1.19487	10.0632	11.9685	1.05718	1
cg20792208	0.182189	1.97919	1.97919	0.127984	0.452301	-2.21092	0.0114888	0.217726	-4.59294	0.352859	1.58556	1.58556	4.91723	18.1046	3.27278	1
cg22396033	0.129243	0.547119	-1.82776	0.761846	1.11832	1.11832	0.467516	1.31256	1.31256	0.46404	1.31545	1.31545	4.43848	9.51465	1.90549	1
cg06845943	0.256781	0.384195	-2.60285	0.364251	0.470704	-2.12448	0.618251	1.50085	1.50085	0.681613	1.3957	1.3957	4.07712	42.1784	9.1957	1
cg20948486	0.0574498	4.9469	4.9469	0.0035631	18.8777	18.8777	0.220693	2.60634	2.60634	0.03782	6.00126	6.00126	3.56197	31.229	7.79319	1
cg09219566	0.0781346	1.20935	1.20935	0.377369	0.915788	-1.09196	0.251964	1.12325	1.12325	0.960825	0.995241	-1.00478	17.5473	2.62127	0.132785	1
cg09949152	0.0275224	0.829844	-1.20505	0.0237805	0.824422	-1.21297	0.00540856	1.29949	1.29949	0.0194617	1.22399	1.22399	8.29768	0.672851	0.0720791	1
cg18478175	0.00162198	0.412894	-2.42193	0.0899286	1.44198	1.44198	0.481625	0.869308	-1.15034	0.00395067	0.46807	-2.13643	6.64192	4.03353	0.539808	1
cg13032018	0.688229	1.08522	1.08522	0.108941	1.42537	1.42537	0.0129964	1.86807	1.86807	0.00194015	2.43261	2.43261	4.15209	2.70309	0.578684	1
cg08946014	0.176524	0.664478	-1.50494	0.37385	0.771283	-1.29654	0.256989	1.40014	1.40014	0.275942	0.724391	-1.38047	3.49399	4.47881	1.13943	1
cg12897782	0.720131	1.17987	1.17987	0.397331	0.67136	-1.48951	0.19276	0.5306	-1.88466	0.895404	0.941319	-1.06234	3.98762	13.349	2.97567	1
cg10611863	0.00464079	1.35274	1.35274	0.0383597	0.824864	-1.21232	2.29E-07	3.48	3.48	6.80E-06	0.448869	-2.22782	66.2219	6.75176	0.090628	1
cg21932360	0.598237	0.914485	-1.09351	0.000363976	0.38271	-2.61294	2.81E-05	0.250304	-3.99514	0.0426775	0.675516	-1.48035	20.28	9.07769	0.397882	1
cg15854394	0.0865066	1.41812	1.41812	0.010234	0.550347	-1.81703	0.511103	0.884295	-1.13084	0.806902	1.04622	1.04622	13.733	7.40291	0.479165	1
cg18050520	0.187082	0.729753	-1.37033	9.25E-05	0.207602	-4.81691	0.00159921	0.360546	-2.77357	0.294208	1.27777	1.27777	10.1624	8.16987	0.714608	1
cg20378690	0.00385577	5.69354	5.69354	0.0395627	2.89612	2.89612	0.255641	0.588541	-1.69912	0.0172409	3.65497	3.65497	7.63508	24.1296	2.80921	1
cg19840732	0.513832	0.937972	-1.06613	0.413797	0.922377	-1.08416	7.09E-05	2.01534	2.01534	0.846388	0.981416	-1.01894	7.21136	1.06835	0.131687	1
cg16336248	0.783529	1.07437	1.07437	0.521128	1.18459	1.18459	0.414434	0.804687	-1.24272	0.122511	0.646682	-1.54635	6.63464	7.12917	0.955145	1
cg00742963	0.273411	1.11571	1.11571	0.000508792	1.68479	1.68479	0.097405	0.83968	-1.19093	0.257148	0.892607	-1.12031	5.96919	0.872441	0.129918	1
cg01898817	0.438883	0.854578	-1.17017	0.00384533	0.460531	-2.17141	0.0534545	0.646224	-1.54745	0.0285764	0.598008	-1.67222	5.85701	3.67494	0.557726	1
cg14538320	0.354654	1.2579	1.2579	0.0799604	0.626173	-1.597	0.0775154	1.60449	1.60449	0.28344	0.764507	-1.30803	4.55501	4.18846	0.817359	1
cg13521002	0.0261878	2.88427	2.88427	0.31503	1.51772	1.51772	0.0294439	2.8006	2.8006	0.0209921	3.04986	3.04986	4.05384	10.3538	2.27029	1
cg21287554	0.231166	0.364555	-2.74307	0.00400545	0.0447337	-22.3545	0.0272656	0.122583	-8.15774	0.254492	0.384451	-2.60111	3.59663	36.7688	9.08722	1
cg25072880	0.593677	1.11554	1.11554	0.0298043	1.68062	1.68062	0.325038	0.81355	-1.22918	0.304861	0.805941	-1.24079	3.56637	2.32865	0.580397	1
cg03696370	0.0528396	3.72892	3.72892	0.063312	3.48657	3.48657	0.0328385	4.45006	4.45006	0.01709	5.68872	5.68872	3.48051	19.7142	5.03483	1
cg08699174	0.0567225	0.498435	-2.00628	0.00364764	0.280961	-3.55922	0.0290362	0.435729	-2.29501	0.147102	0.605133	-1.65253	3.92535	6.47971	1.46732	1
cg00879592	0.453935	0.872299	-1.1464	0.00552404	0.520409	-1.92156	0.180938	0.775379	-1.28969	0.0455744	0.663251	-1.50773	9.82435	4.99093	0.45157	1
cg22043667	0.627647	0.962747	-1.03869	0.0277137	1.22401	1.22401	0.0145003	1.26357	1.26357	0.311601	0.921908	-1.08471	9.54802	0.912324	0.0849343	1
cg09054876	9.22E-07	0.0618766	-16.1612	0.0517369	1.607	1.607	0.897164	0.972673	-1.02809	0.00614594	0.464881	-2.15109	40.6714	29.5745	0.646362	1
cg24135112	0.000773351	0.0993225	-10.0682	0.49458	0.729966	-1.36993	0.416454	0.686	-1.45773	0.807714	1.11701	1.11701	4.51802	14.7357	2.89914	1
cg12928997	0.00973053	0.518986	-1.92683	0.426375	0.849673	-1.17692	0.914672	0.978732	-1.02173	0.325035	1.2261	1.2261	4.41642	2.81392	0.566355	1
cg18730422	0.0077392	1.76347	1.76347	0.0175618	0.61927	-1.61481	0.0289683	0.652487	-1.5326	0.511634	1.11671	1.11671	5.87335	2.55816	0.387159	1
cg20401393	0.824517	0.913341	-1.09488	0.0630407	2.34785	2.34785	0.617521	1.22813	1.22813	0.308201	1.53803	1.53803	5.37351	14.1783	2.34539	1
cg07185648	0.000241243	0.406172	-2.46201	0.652323	0.934941	-1.06959	0.133582	1.27126	1.27126	0.688094	0.941898	-1.06169	8.67529	3.02298	0.309741	1
cg13811713	0.00365624	0.689063	-1.45125	0.00302538	0.680418	-1.46969	0.819262	1.02192	1.02192	0.319632	1.10235	1.10235	4.77224	0.678485	0.126376	1
cg06226431	0.328669	1.06374	1.06374	8.13E-06	0.550208	-1.8175	0.0774112	0.886641	-1.12785	0.0991193	0.895112	-1.11718	50.6407	3.01274	0.0528823	1
cg13218803	0.654506	1.06245	1.06245	0.0267425	0.702585	-1.42332	0.261993	0.854444	-1.17035	0.0085956	0.637161	-1.56946	11.8366	3.39078	0.254637	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg26040109	PEF1	0.00150431	0.708379	1.09365	1.09365	0.1125507	0.4918	1.4918	0.9001587	0.9700955	-1.02091	0.8120279	1.05809	1.05809	2.55E-05	0.136788	7.31061	0.0102577	0.462589	-2.16175	0.372329	1.24387	1.24387	0.3782279	0.8062131	-1.17412	10.4709	9.41444	0.7992002	1
cg18939666	PEF1	0.00488504	0.00374822	0.315487	-3.16971	0.141324	0.627319	-1.59409	0.0262827	0.4598816	-2.17478	0.506769	0.819909	-1.21965	0.000281227	0.173701	-5.75701	0.01479561	0.413096	-2.42074	0.00469618	0.330323	-3.02734	0.2770092	0.716604	-1.39547	0.0289448	0.4680721	-2.13643	7.38625	10.166	1.22342	1
cg06209197	PEF1	0.00667745	0.000842006	0.234139	-4.27097	0.0312564	0.481574	-2.07652	0.0803325	0.5707	-1.75223	0.0282162	0.472758	-2.11525	0.00450422	0.334638	-2.9883	0.5616261	1.18493	1.18493	0.0307798	0.480242	-2.08229	0.302865	1.36149	1.36149	0.0189885	0.4398892	-2.27329	6.71299	8.88805	1.1769	1
cg07483420	PEF1	0.00829558	0.0461843	0.587347	-1.70257	0.1194444	1.48232	1.48232	0.0350265	0.564295	-1.77212	0.9795513	0.9940448	-1.00599	0.000807145	0.308035	-3.24638	0.0255506	0.538986	-1.85524	0.00897547	0.463125	-2.16861	0.2143188	0.7374455	-1.35601	0.0352927	0.5649315	-1.77018	6.27204	5.39049	0.763953	1
cg00112260	PEF1	0.01166998	0.0168927	0.291431	-3.43134	0.0205298	0.307072	-3.25657	0.00678887	0.226711	-4.4109	0.447652	0.720794	-1.38736	0.0039206	0.193528	-5.16721	0.0519479	0.392385	-2.54852	0.00403238	0.195132	-5.12473	0.793411	1.11743	1.11743	0.0396926	0.3656003	-2.73521	5.61945	15.9286	2.5196	1
cg12085501	PEG10;PEG10	0.00027634	0.2508818	0.839503	-1.19118	0.040797	1.41099	1.41099	0.0302844	0.68081	-1.44968	0.000119018	0.374775	-2.66827	0.232881	0.83128	-1.20308	2.45E-05	0.293886	-3.40268	0.0452212	1.3979	1.3979	0.0101474	0.623237	-1.60444	0.0312745	0.6091831	-1.44544	16.8264	5.66506	0.2992068	1
cg02384501	PEG10;PEG10	0.00280164	0.9490002	0.98453	-1.01571	2.78E-05	0.133743	-7.47704	0.4114443	0.8148884	-1.22717	0.2725581	0.757041	-1.32093	0.2674337	0.754581	-1.32524	0.3818332	1.24436	1.24436	0.90372	1.02994	1.02994	0.8349993	1.05216	1.05216	0.9479006	0.9842	-1.01605	8.73346	8.2176	0.8363842	1
cg04198360	PEG10;PEG10	0.01007208	0.059341	0.587244	-1.70287	0.00422835	0.983776	-1.02569	0.0309052	0.530733	-1.88419	0.0151392	0.554525	-1.74057	0.00138889	0.313863	-3.18611	1.06827	0.786545	-1.27138	0.791162	1.06827	1.06827	0.2514133	1.34987	1.34987	0.0312754	0.532848	-1.87971	5.78189	5.72641	0.888206	1
cg06999014	PEG10;PEG10	0.01173909	0.0904037	0.82305	-1.21499	0.7659968	1.03194	1.03194	0.1374728	0.8450997	-1.1833	0.191432	0.865585	-1.15529	0.424232	0.918349	-1.08891	0.0638066	1.24291	1.24291	0.00056408	1.74688	1.74688	0.3103333	0.896226	-1.11579	0.923868	0.990074	-0.01003	5.61463	0.9686434	0.1533351	1
cg22659370	PEG10;PEG10	0.043103	0.998215	0.999707	-1.00029	0.3695572	0.886243	-1.12836	0.197959	0.836671	-1.19521	0.496573	1.09468	1.09468	0.857684	0.976751	-1.0238	0.0246616	1.4209	1.4209	0.00561853	1.6103	1.6103	0.0748582	0.771044	-1.29694	0.861344	0.977349	-1.02318	3.58266	0.9745222	0.241787	1
cg19107595	PEG10;PEG10;PEG10;SGCE;SGCE;SGCE;	0.000726443	0.00011373	3.07715	3.07715	0.000208073	2.77603	2.77603	0.0278619	0.668749	-1.49533	0.137712	1.27604	1.27604	0.052991	1.40248	1.40248	0.126037	0.776762	-1.2874	0.056495	0.717543	-1.39364	0.0422872	1.43417	1.43417	0.8855588	1.02194	1.02194	15.8366	5.58032	0.274064	1
cg11589966	PEG10;PEG10;PEG10;PEG10;SGCE;SGCE;SGCE;	0.00251213	0.00308339	1.25279	1.25279	0.00368098	1.24414	1.24414	0.99406	1.00041	1.00041	0.27572	1.06512	1.06512	0.195412	1.07917	1.07917	0.347141	1.05534	1.05534	6.56E-05	1.50318	1.50318	0.2336545	1.07195	1.07195	0.9175313	1.00578	1.00578	9.01919	0.4422332	0.0435843	1
cg27435646	PEG10;PEG10;PEG3;PEG3;2IM2;PEG3;2IM2;PEG	0.0266973	0.0258007	1.29353	1.29353	0.800808	1.02489	1.02489	0.2956516	0.899918	-1.11121	0.172821	1.15149	1.15149	0.0386431	1.26222	1.26222	0.623616	1.04927	1.04927	0.00111491	1.59501	1.59501	0.179334	1.14876	1.14876	0.473088	1.07353	1.07353	4.25847	0.637599	0.133089	1
cg00428193	PEG10;PEG10;PEG3;PEG3;PEG3;2IM2;PEG	0.000167651	0.100408	0.65315	-1.53104	0.0651942	1.63222	1.63222	0.0332205	0.55482	-1.80239	0.243547	1.3348	1.3348	2.63E-05	0.139732	-7.15655	0.0164126	0.499528	-2.00189	0.000165383	4.56868	4.56868	0.0245614	1.88474	1.88474	0.0444051	1.72703	1.72703	19.2697	17.0941	0.788532	1
cg26537561	3;2IM2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.0330269	0.0402219	3.43366	3.43366	0.022177	4.16713	4.16713	0.0539496	3.12276	3.12276	0.0793669	2.75551	2.75551	0.327211	1.69285	1.69285	0.774701	1.1611	1.1611	0.00313995	8.17844	8.17844	0.0186417	4.41193	4.41193	0.0898671	2.64607	2.64607	3.9489	16.942	3.8136	1
cg22220806	2;2IM2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.000436283	0.00330561	0.306152	-3.26635	0.982571	0.993559	-1.00648	0.0522753	0.520489	-1.92127	0.0203936	0.437443	-2.28601	3.97E-05	0.0978672	-10.2179	0.0032717	0.305495	-3.27337	9.91E-05	0.129507	-7.72159	0.364769	1.31717	1.31717	0.318158	0.736964	-1.35692	14.8402	20.5669	1.2319	1
cg17740722	2;2IM2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.00120968	0.00162276	0.278631	-3.58898	0.24044	1.41581	1.41581	0.0224601	0.461389	-2.16737	0.162534	0.655863	-1.52471	0.00198786	0.290723	-3.4397	0.0198048	0.451145	-2.21658	0.000199967	0.170939	-5.85003	0.0263529	2.1067	2.1067	0.305555	0.740717	-1.35004	11.1462	14.1286	1.12673	1
cg23849812	2;2IM2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.00599926	0.00319319	0.300559	-3.32713	0.0251078	0.451344	-2.2156	0.0450299	0.503182	-1.98735	0.222601	0.68201	-1.46625	0.0032805	0.302271	-3.30829	0.020047	0.432646	-2.31136	0.00290151	0.29453	-3.39524	0.155141	1.57503	1.57503	0.688848	1.12771	1.12771	6.93943	9.79939	1.25523	1
cg08155759	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.0192488	0.0584038	0.491657	-2.03394	0.764018	1.10512	1.10512	0.318367	0.710077	-1.4083	0.0882779	0.535582	-1.86713	0.0049653	0.290899	-3.43762	0.0313993	0.432555	-2.31184	0.0100299	0.339927	-2.94181	0.108286	1.78897	1.78897	0.0443885	1.4646414	-2.15232	4.76604	8.31938	1.5516	1
cg19212949	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.0249773	0.307979	1.52908	1.52908	0.36296	1.45685	1.45685	0.906749	1.04829	1.04829	0.021996	0.331001	-3.02114	0.0436758	0.393268	-2.5428	0.390212	1.42522	1.42522	0.00315046	0.197115	-5.07318	0.157603	1.83697	1.83697	0.515652	0.767001	-1.30378	4.35861	11.1799	2.28002	1
cg02793099	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	1.01E-10	0.0955394	1.0808	1.0808	1.65E-08	2.51659	2.51659	3.05E-05	1.41308	1.41308	0.11203	0.929199	-1.0762	0.054378	0.911527	-1.09706	0.122854	0.931518	-1.07352	2.53E-12	16.1798	16.1798	1.53E-09	0.287532	-3.47787	8.77E-08	2.10863	2.10863	745.577	21.264	0.0253513	1
cg01656470	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	2.40E-07	0.122358	1.14772	1.14772	2.63E-06	2.53911	2.53911	0.00499425	1.35762	1.35762	0.113937	1.15202	1.15202	0.799698	1.02114	1.02114	0.00254349	1.41144	1.41144	2.22E-08	5.60445	5.60445	2.85E-07	0.288248	-3.46923	0.000241716	1.64821	1.64821	105.438	11.3075	0.0953275	1
cg15473155	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	1.60E-06	0.388607	1.16068	1.16068	3.48E-05	3.85457	3.85457	0.394207	0.863149	-1.15855	0.794535	0.956942	-1.04499	0.0024052	0.490167	-2.04012	0.00160803	0.466326	-2.14442	2.01E-07	14.3882	14.3882	2.99E-06	0.15298	-6.53682	0.00150856	2.16179	2.16179	65.0576	29.3016	0.400351	1
cg17663463	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	6.63E-06	0.158721	1.29094	1.29094	0.00116941	2.24289	2.24289	0.578256	1.09988	1.09988	0.956633	0.990824	-1.00926	0.501134	1.12271	1.12271	0.101684	1.35492	1.35492	2.30E-07	13.9282	13.9282	1.57E-05	0.220428	-4.53663	0.00386757	1.93419	1.93419	45.1311	20.5398	0.404546	1
cg18516833	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	2.20E-05	0.562776	1.07933	1.07933	0.0548985	1.3285	1.3285	0.285605	0.865281	-1.15569	0.647158	0.941643	-1.06197	0.791195	1.03523	1.03523	0.143979	1.2273	1.2273	3.23E-07	6.96222	6.96222	0.000601738	0.501355	-1.99459	0.0398059	1.36356	1.36356	33.0423	8.90878	0.23966	1
cg27539373	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	7.66E-05	0.677523	1.06744	1.06744	0.0123661	1.62582	1.62582	0.331	1.16945	1.16945	0.996704	1.00064	1.00064	0.343854	0.858842	-1.16436	0.027906	0.666584	-1.49996	1.96E-05	3.86042	3.86042	1.29E-05	0.239313	-4.17863	0.0184898	3.15167	3.15167	23.7701	9.1685	0.342859	1
cg07310951	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.000217445	0.583748	1.10738	1.10738	0.000387894	0.352355	-2.83805	0.757421	0.944489	-1.05877	0.577517	1.1093	1.1093	0.00900199	0.542159	-1.84448	0.0477972	1.51765	1.51765	2.27E-05	4.78021	4.78021	0.00467759	0.499995	-2.00002	0.228651	1.26226	1.26226	17.9589	9.66513	0.478383	1
cg19041006	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.000297283	0.268211	0.716641	-1.3954	0.0415003	1.97219	1.97219	0.217224	0.68724	-1.45509	0.0954178	0.589049	-1.69765	0.02516	0.15286	1.15286	0.145406	0.636564	-1.57093	1.52E-05	13.3216	13.3216	0.00113056	0.250533	-3.99149	0.0166584	2.32694	2.32694	16.4912	21.7997	1.17503	1
cg19771585	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM	0.00446768	0.568652	1.15121	1.15121	0.00345548	2.63894	2.63894	0.742972	1.08375	1.08375	0.597592	1.13905	1.13905	0.432566	1.21623	1.21623	0.171477	1.42737	1.42737	0.00074039	3.49846	3.49846	0.00574622	0.412798	-2.42249	0.0265444	1.90148	1.90148	7.59431	7.18494	0.840974	1
cg22563329	2;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	0.0256748	0.0127871	0.293887	-3.40267	0.016367	0.312878	-3.19614	0.0708259	0.449664	-2.22388	0.460375	0.742598	-1.34662	0.0168119	0.315	-3.1746	0.589719	0.806092	-1.24055	0.0458239	2.47545	2.47545	0.879476	1.06192	1.06192	0.0866705	0.472708	-2.11547	4.317	10.7193	2.20714	1
cg26917367	MT1;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	2.88E-06	0.0623013	0.825567	-1.21129	4.82E-05	2.01112	2.01112	0.0025857	1.46444	1.46444	0.459676	0.933543	-1.07119	0.384363	0.921756	-1.08489	0.00569075	0.717997	-1.39276	0.299836	1.10313	1.10313	8.02E-08	0.197068	-5.07439	0.00278351	1.4574	1.4574	55.9169	7.38984	0.117473	1
cg18668753	MT1;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	6.28E-06	0.0275571	0.747621	-1.33758	9.54E-05	2.17156	2.17156	0.150408	1.18774	1.18774	0.000195519	0.496968	-2.0122	0.00270307	0.629668	-1.58814	0.301745	0.887435	-1.12684	1.53E-06	0.257439	-3.88442	2.38E-06	0.277987	-3.59729	0.729156	1.03956	1.03956	45.753	9.02762	0.175389	1
cg18706888	MT1;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	1.46E-05	0.910298	0.98617	-1.01402	0.0403289	0.746261	-1.34001	0.00651302	0.646027	-1.54792	2.16E-05	0.347925	-2.87418	1.61E-05	0.333447	-2.99897	0.000140854	0.440028	-2.25211	2.73E-06	0.248442	-4.02509	9.33E-06	0.306471	-3.26295	0.0233112	0.715359	-1.3979	36.7709	8.89235	0.214961	1
cg25458871	MT1;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	4.69E-05	0.633595	1.08622	1.08622	4.95E-05	0.269194	-3.71479	0.113166	0.743119	-1.34568	0.000699943	0.410588	-2.43553	2.76E-05	0.241016	-4.14909	0.00087724	0.423519	-2.36117	1.94E-05	0.224703	-4.45032	3.77E-05	0.259952	-3.90698	0.075305	0.711037	-1.4064	27.0815	12.7202	0.417512	1
cg15678121	MT1;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	0.000357479	0.644401	1.09011	1.09011	0.00329252	2.10291	2.10291	0.843195	1.03745	1.03745	0.10069	0.716218	-1.39622	0.126886	0.736023	-1.35865	0.00541184	0.50684	-1.97301	0.589185	1.10651	1.10651	1.17E-05	0.178513	-5.60184	0.151677	1.32995	1.32995	15.6779	8.55655	0.485131	1
cg24844423	MT1;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	0.000645035	0.94201	0.985791	-1.01441	0.0903784	1.44351	1.44351	0.0381658	1.60427	1.60427	0.594277	1.11155	1.11155	0.00109635	0.387849	-2.57832	0.00586091	0.49189	-2.03298	0.451034	0.859793	-1.16307	3.77E-05	0.210798	-4.74388	0.0836923	0.686218	-1.45726	13.3121	8.15851	0.544766	1
cg12032885	MT1;PEG3;PEG3;2IM2;PEG3;PEG3;2IM2;MI	0.00117994	0.441073	1.22011	1.22011	0.192469	1.41811	1.41811	0.302173	0.762864	-1.31085	0.000163786	0.196354	-5.09283	0.00093673	0.286425	-3.49132	0.149818	0.676384	-1.47845	0.0108985	0.445146	-2.24645	0.000756871	0.274433	-3.64387	0.0447229	0.557929	-1.79234	11.2257	11.4008	0.90276	1
cg18644235	MT1;PEG3	0.0217994	0.684928	1.08958	1.08958	0.0287967	2.36807	2.36807	0.730895	0.929963	-1.07531	0.728484	0.927853	-1.07776	0.870457	0.966258	-1.03492	0.492405	0.863612	-1.15793	0.70538	1.08316	1.08316	0.00357962	0.436141	-2.29284	0.0268121	1.27547	1.27547	4.56827	3.20015	0.622681	1
cg26248645	PEG1	0.00091185	3.76E-05	0.203034	-4.92527	0.0264483	1.69882	1.69882	0.173454	1.33864	1.33864	0.0780774	1.48324	1.48324	0.172125	0.746264	-1.34001	0.00539885	2.09072	2.09072	0.683306	0.920722	-1.0861	0.592412	1.11496	1.11496	0.5093223	1.14431	1.14431	12.078	7.75705	0.570886	1
cg13101088	PEG1	0.00303637	0.464915	1.20371	1.20371	0.0882588	1.13301	1.13301	0.183928	1.32421	1.32421	0.19967	1.40651	1.40651	0.220335	1.24196	1.24196	0.0672766	1.11287	1.11287	0.00272611	4.4896	4.4896	0.00097199	0.3406	3.4406	0.00136287	3.52263	3.52263	8.52757	8.55971	0.892239	1
cg00388503	PEG1	0.00365344	0.00615022	0.346828	-2.88328	0.500874	0.816759	-1.22435	0.683353	1.19213	1.19213	0.935415	0.976225	-1.0243	0.0540796	0.523229	-1.91121	0.891577	0.960401	-1.04123	6.65E-05	0.11464	-8.72296	0.399106	0.774335	-1.29143	0.0740445	0.554434	-1.80364	0.60942	11.2173	1.23565	1
cg00689928	PEG1	0.0326411	0.4470509	1.07092	1.07092	0.983216	1.00198	1.00198	0.00358	0.240156	1.12241	1.12241	0.466323	0.99276	-1.07209	0.907195	1.47573	1.47573	0.706243	0.960571	-1.04119	0.0806193	2.55952	2.55952	0.145296	1.16333	1.16333	0.1380571	1.08816	1.08816	3.0669	0.930915	0.124119	1
cg02063828	PEU1	0.0374174	0.667185	1.23969	1.23969	0.847716	0.908932	-1.10019	0.862596	1.08985	1.08985	0.806344	1.12974	1.12974	0.943921	0.965664	-1.03556	0.440684	0.676698	-1.47776	0.000582285	0.0712463	-14.0358	0.81687	1.12211	1.12211	0.434708	1.48567	1.48567	1.78437	14.7849	3.47275	1
cg22795569	PEU1	0.0403572	0.581872	0.775886	-1.28885	0.0196142	3.62012	3.62012	0.040349	2.94627	2.94627	0.724222	0.850757	-1.17542	0.0143638	0.252339	-3.96292	0.730309	0.853948	-1.17103	0.0593984	2.64048	2.64048	0.427917	1.4467	1.4467	0.672436	0.823628	-1.21414	5.67109	12.1037	2.93067	1
cg16513855	PEU1;PEU1	0.0263913	0.58424	0.879443	-1.13675	0.136448	1.36013	1.36013	0.337726	1.208561	1.20861	0.180289	1.3136	1.3136	0.1453132	0.740981	-1.34956	0.0458816	0.644865	-1.55071	0.0109001	1.84353	1.84353	0.0140064	1.78812	1.78812	0.1351078	0.831944	-1.202	4.27568	2.48879	0.517403	1
cg00009364	PEU2	0.00051246	0.97741	1.0076	1.0076	0.0575828	0.563054	-1.77603	0.0130467	0.438774	-2.27908	0.112587	0.630012	-1.58727	7.87E-06	0.0728743	-13.7223	0.0546163	0.558127	-1.79171	0.991235	1.00294	1.00294	0.825783	0.942739	-1.06074	0.0384026	1.89967	1.89967	14.1932	16.0827	1.00722	1
cg16770832	PEU2	0.00185185	0.0819605	1.18988	1.18988	0.0211097	1.75144	1.75144	0.0133777	0.632659	-1.58066	0.0688574	0.775172	1.29027	0.0116798	0.481464	-2.07705	0.0046922	2.81059	2.81059	0.00139196	2.99172	2.99172	0.0017624	0.671508	-1.48955	0.0148409	3.40484	3.40484	0.0564362	1.81109	1.81109	0.40485	12.4651	0.80452	1
cg10888854	PEU2	0.00136321	0.00395027	0.649332	-1.54004	0.000719556	0.563688	-1.77403	0.0849132	0.808801	-1.2364	0.241197	0.872274	-1.14643	0.00184088	0.610988	-1.63669	0.00430349	0.653634	-1.52991	0.0200281	1.36696	1.36696	0.339862	1.11579	1.11579	0.0121884	0.706159	-1.41661	10.2202	2.00808	0.17465	1
cg18480221	PEU2	0.00638999	0.6408217	0.8938227	-1.11878	0.0370563	1.52059	1.52059	0.289036	1.04978	1.04978	0.0926043	1.55597	1.55597	0.0010852	0.311154	-3.20986	0.1852777	1.39873	1.39873	0.1802211	0.7718806	-1.40488	0.00279547	2.6757	2.6757	0.52651	0.8578376	-1.16567	4.8903	6.1501	0.803309	1
cg03543871	PEU2	0.013408	0.163608	0.554105	-1.80434	0.00141263	5.46657	5.46657	0.442998	1.5601	1.5601	0.144108	0.561686	-1.78035	0.07563159	0.48339	-2.06872	0.163085	0.578541	-1.72849	0.2262541	1.5953	1.5953	0.0305191	2.54576	2.54576	0.6864541	1.16087	1.16087	5.36733	11.486	4.3022	1
cg11121621	PEU2	0.0135146	0.00029579	0.0283127	-35.3198	0.711109	0.798519	-1.25232	0.255527	0.487771	-2.05014	?	?	?	?	0.2374044	0.473064	2.113388	?	?	?	0.443002	0.62397	-1.60264	0.180606	0.340383	-2.88198	0.551233	0.694452	-1.43998	5.59471	25.2088	5.14951	1
cg06752902	PEU2	0.0145132	0.5454195	0.8557	-1.16801	0.215961	1.23704	1.23704	0.168557	1.28423	1.28423	0.174	1.43375	1.43375	0.0194177	0.357353	-2.7983	0.0166088	0.194596	-5.13886	?	?	?	0.0356095	0.263116	-3.82994	0.917474	1.05523	1.05523	7.31634	23.0834	2.70434	1
cg14102005	PEU2	0.0162303	0.869484	0.98177	-1.01857	0.883047	0.983387	-1.01689	0.000836999	0.569888	-1.75473	0.506218	0.927318	-1.07838	0.0113907	0.701614	-1.42529	0.0145722	0.714182	-1.4002	0.924703	1.01063	1.01063	0.92227	0.98094	-1.01098	0.4131221	1.09813	1.09813	1.00052	0.176216	1
cg14482751	PEU2;PEU3	7.53E-05	7.36E-05	0.242915	-4.11662	0.00845559	0.516827	-1.93488	0.0128475	0.411491	2.42676	0.0146126	1.18376	1.18376	0.270038	0.798345	-1.2529	1.59E-06	0.0929834	-10.7546	0.0101645	0.153118	1.37576	0.00363428	0.388056	-2.57601	0.0021859	1.10659	1.10659	0.0209456	0.644481	-1.55451	23.8837	8.6776	0.542541	1
cg00157359	PEU3;PEU3	0.00164208	0.8726805	-1.14606	0.0284553	0.0216423	0.876	-1.14155	0.0204733	0.533545	-1.87509	0.0153607	0.680525	-1.46945	0.0074141	0.389774	-2.56603	0.0044026	0.653634	-1.52991	0.0200281	1.36696	1.36696	0.339862	1.11579	1.11579	0.0121884	0.706159	-1.41661	10.2202	2.00808	0.17465	1
cg14318455	PEU3;PEU3	0.00093356	0.0328223	1.56734	1.56734	0.852132	1.03416	1.03416	0.0679422	1.44481	1.44481	0.607704	1.09768	1.09768	0.518085	0.888754	-1.12517	0.0001466	0.308608	-3.24036	0.681256	1.07717	1.07717	0.000167981	0.315758	-3.16599	0.629537	0.916232	-1.09143	11.9986	6.1563	0.456074	1
cg27120802	PEU3;PEU3	0.00014239	0.0001883	0.1103151	-9.06845	0.00845559	0.516827	-1.93488	0.0128475	0.411491	2.42676	0.0146126	1.18376	1.18376	0.270038	0.798345	-1.2529	1.59E-06	0.0929834	-10.7546	0.0101645	0.153118	1.37576	0.00363428	0.388056	-2.57601	0.0021859	1.10659	1.10659	0.0209456	0.644481	-1.55451	23.8837	8.6776	0.542541	1
cg20446641	PEU3;PEU3	0.00665085	0.00142808	0.278266	-3.47632	0.0315623	0.51541	-1.9402	0.0347934	0.514496	-1.94365	0.398389	0.791723	-1.26307	0.0076692	0.363432	-2.75154	0.0058236	0.952854	-1.04948	0.0204268	0.478435	-2.08988	0.0040059	0.653634	-1.52991	0.0200281	1.36696	1.36696	0.339862	1.11579	1.11579	0.0121884	0.706159	-1.41661	10.2202	2.00808	0.17465	1
cg24641937	PEU3;PEU3	0.0090479	0.001935	0.1638663	-2.71923	0.0102257	0.215641	-1.83822	0.108238	0.647207	-1.54541	0.948403	0.990729	-1.0162	0.0003283	0.255503	-3.91403	0.0684039	0.410665	-2.43503	0.0001533	0.0897626	-11.1405	0.0119948	0.725951

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg11845502	PER3	0.000184176	0.173406	1.07313	0.127843	1.05919	0.05919	1.06919	0.003027	0.993674	0.01546611	1.16728	0.167228	1.03116644	1.17356	1.17356	0.0324352	1.19325	0.13925	1.4 1E-06	0.57359	1.1434	0.356131	0.951785	1.05066	0.609811	0.973566	1.02715	18.786	0.806498	0.0381606	1
cg01444397	PER3	0.00150635	0.183112	1.3016	0.2038407	0.595081	1.68044	0.137063	0.741666	1.34832	0.0153646	0.573995	1.74217	0.000196175	0.283755	1.52417	0.000723162	0.383016	2.61086	0.145225	1.33896	1.33896	0.793203	0.930558	1.06433	0.192649	0.773133	1.29344	10.4669	5.77262	0.490235	1
cg00019458	PER3	0.00879669	0.304938	0.824117	1.21342	0.104879	1.38085	1.38085	0.00222005	2.18246	2.18246	0.341301	1.19548	1.19548	0.02795553	0.623216	0.441523	1.15362	1.15362	0.156897	0.759054	1.31743	0.963778	0.991765	1.00831	0.005139651	0.510194	1.96004	6.15682	3.23303	0.466768	1
cg23927002	PER3	0.01156614	0.0345475	0.470543	1.2152	0.236184	0.684097	1.46139	0.34036	1.30358	1.30358	0.485257	0.805014	1.24221	0.000353554	0.172804	0.52937	1.2152	1.2152	0.596967	1.17729	1.17729	0.648355	0.868982	1.15077	0.929371	0.973249	1.02749	5.01717	7.56661	1.31695	1
cg09168602	PER3	0.00328913	0.103391	3.22174	0.357544	0.489766	2.04179	0.44291	0.795699	1.25676	0.866804	0.575505	1.73761	0.080087	0.37059	2.6984	0.121261	0.612152	1.63358	0.237163	0.0007	1.42857	0.449608	0.798243	1.25275	0.0131944	0.407572	2.45355	4.43317	5.99145	1.20134	1
cg08764927	PER3;PER3	0.0284412	0.0425163	3.45545	3.45545	0.0464745	0.54782	1.82567	0.54782	0.0428577	1.44635	1.44635	0.6456533	0.10373	0.10373	0.025836	0.47048	2.12568	0.00567	2.99464	0.29964	0.00574229	0.83479	0.83479	0.160167	2.60188	0.0569888	3.13733	3.13733	4.16476	18.5885	3.96797	1
cg26224473	PER4	0.00221367	0.0207826	1.43282	1.43282	0.000451779	0.489417	2.04325	0.00176303	0.562294	1.77843	0.447114	0.90472	1.10531	0.882303	1.01933	1.01933	0.753687	1.05303	1.05303	0.027585	1.55927	1.51567	0.333177	1.22766	1.22766	0.0172905	0.623271	1.6096	1.85779	1.54643	0.379362	1
cg16465407	PER4	0.0352346	0.563453	0.849473	1.10263	0.526824	0.929523	1.07582	0.961781	1.00665	0.0186164	0.626021	1.55726	0.047834	0.68976	1.44978	0.753687	1.05303	1.05303	0.027585	1.55927	1.51567	0.333177	1.22766	1.22766	0.0172905	0.623271	1.6096	1.85779	1.54643	0.379362	1
cg06052619	PERP	0.00148056	0.118837	2.822884	1.21524	0.00039446	0.915494	1.31564	0.0599803	1.29578	1.29578	0.0120721	1.4339	1.4339	0.15508	0.837816	1.19358	1.19358	0.0087782	1.48862	1.48862	0.0027029	0.622138	1.60736	0.163669	0.842685	1.18968	0.899798	1.01461	1.01461	0.51619	2.20901	0.186668	1
cg10236700	PERP	0.00380842	0.197358	0.786584	1.27132	0.00043829	2.66061	2.66061	0.00257568	2.08783	2.08783	0.458704	1.14215	1.14215	0.676332	0.92871	1.07676	0.418809	1.15665	1.15665	0.00867378	0.554701	1.80277	0.912833	0.980895	1.01948	0.769829	1.05304	1.05304	7.96936	3.91667	0.436859	1
cg22752180	PERP	0.00402163	0.120003	1.687432	1.26	0.000258079	2.723491	2.723491	0.00159	2.408655	2.408655	0.0129642	1.27177	1.27177	0.0139224	0.786741	1.17099	1.17099	0.0073595	1.59122	1.59122	0.0010604	0.686704	1.45609	0.199966	1.03949	0.502285	0.859583	1.71636	7.7368	6.050709	0.695182	1
cg08197797	PERP	0.00279813	0.126726	0.517807	1.93122	0.00218555	5.54147	0.038454	2.59993	0.3767276	2.59993	0.0767276	3.91659	0.221962	1.66769	1.66769	0.029759	2.70273	0.27007	3.70249	0.0794295	2.17341	0.21734	4.60125	0.68231	1.46561	0.861298	1.07216	5.45891	13.7247	2.23483	1
cg00165639	PERP;PERP	0.0179533	0.140904	0.400212	2.37918	0.0195461	0.248832	4.01878	0.29442	3.39725	0.54471	1.83932	0.918154	1.08928	0.104958	0.951262	0.215624	4.63802	0.12439	8.03859	0.0049458	2.02393	0.170328	5.87302	0.0794298	1.44427	0.0477222	2.09405	2.89406	4.79843	23.9473	4.41762	1
cg00175859	PERP;PERP	0.00243889	0.0241889	2.04837	2.04837	0.318214	0.759385	1.31685	0.0133196	0.514981	1.94181	0.887897	1.00406	0.99609	1.03035	0.03035	0.075127	0.58935	1.69678	0.00214405	0.31654	3.15915	0.675762	0.893842	1.11877	0.769579	0.924625	1.08152	4.46329	5.03177	1.0021	1
cg06488842	PES1	3.25E-05	0.0220434	0.53333	1.87501	0.0830201	0.398043	2.51229	0.671904	0.907081	1.10244	0.299259	0.781704	1.27926	1.04E-05	0.115571	8.65266	0.955856	0.987408	1.01275	0.596	1.67801	0.150657	0.730483	1.36906	0.387856	0.992282	1.00782	10.4418	1.62E-05	0.130741	7.64873	0.000624087	0.299818	3.35356	0.982	24.7499	0.737758	1
cg05193525	PES1	0.0940227	0.0101116	1.00116	3.55E-05	2.9317	2.7317	0.938521	1.44925	1.44925	0.0213038	1.53446	0.0324327	0.678335	1.47469	0.67835	0.0042112	1.48506	0.0005	2.15783	0.0005	2.15783	1.12123	0.153279	0.888605	1.12536	0.357568	1.15777	1.15777	3.76408	3.7074	0.337509	1
cg26488040	PES1	0.00371906	0.343214	0.818551	1.22167	0.5566083	0.642438	1.55657	0.00616937	0.480721	2.08021	0.282716	1.25719	1.25719	0.709288	0.926085	1.07981	0.000455589	0.322274	3.10295	0.250302	0.781666	1.27932	0.047983	1.58968	1.58968	0.003438557	0.442273	2.25871	8.02642	5.34468	0.591899	1
cg25620107	PES1	0.00548845	0.491089	0.59205	1.21936	0.0088227	1.39831	1.39831	0.00410851	1.47268	1.47268	0.490486	1.02297	1.02297	0.984784	1.00192	1.00192	0.308291	1.11186	1.11186	0.00220657	0.655315	1.53574	0.044593	0.793035	1.16098	0.087834	1.20857	1.24815	1.14464	0.142338	1
cg07838402	PES1	0.0023516	0.552356	0.81004	1.06094	0.0035497	0.9317	1.27317	0.0385621	1.44925	1.44925	0.0213038	1.53446	0.0324327	0.678335	1.47469	0.0322111	1.27896	0.0015852	1.95216	0.0020126	1.92002	0.0016136	0.668672	1.4955	0.0013591	1.20905	1.62352	0.960514	1.13612	1
cg04332545	PES1	0.0194874	0.0888648	1.31904	1.31904	0.817451	0.966459	1.03471	0.566371	0.91803	1.08929	0.429293	0.887758	1.12643	0.0016768	1.9404	1.9404	0.0107553	0.623212	1.60459	0.741917	1.04997	0.994531	0.998989	1.00101	0.238175	1.19998	1.19998	4.74619	1.6366	0.30651	1
cg16847041	PET112L	0.00173455	0.00756699	2.217026	4.69731	0.0790201	2.16637	0.514209	0.598048	1.67211	0.1586149	1.178	0.00393822	0.848666	0.14559	1.14559	0.0423664	2.01277	0.0187915	2.66249	0.0179745	2.70473	0.94405	1.059227	0.8952261	1.14021	0.0161088	2.41343	2.41343	10.9491	14.3476	1.26027	1
cg04876451	PET112L	0.00230186	0.017344	0.73734	1.35623	0.0614714	1.24799	1.24799	0.00103634	2.05854	2.05854	0.730493	1.03704	1.03704	0.107043	1.03111	1.03111	0.277187	0.88747	1.12619	0.0231483	2.15165	0.041064	0.34147	2.92852	0.024611	1.36367	1.36367	5.43013	17.6621	2.89122	1
cg13152819	PET112L	0.0735626	0.535985	1.07254	1.07254	0.161002	1.96104	1.64015	0.0009402	2.10407	2.10407	0.997668	1.09026	1.00312	0.229212	0.869309	1.14035	0.0309074	1.32547	1.32547	0.0129312	0.869309	1.44427	0.0477222	1.51556	1.51556	0.000737611	1.76665	1.76665	5.61335	13.2101	2.17457	1
cg22104933	PET112L	0.00957634	0.0097693	2.164662	-6.07304	0.417392	2.737259	-1.35637	0.00398036	0.240754	-4.15361	0.655935	0.847953	-1.17931	0.00448952	0.248233	0.42847	0.98548	1.00672	1.00672	0.130861	0.548817	-1.8221	0.306993	0.677757	-1.47546	0.0163762	1.339868	2.94232	6.00093	12.857	1.90445	1
cg26988159	PET112L	0.00398722	0.3486	3.4806	0.243656	0.297912	1.4491	0.279519	0.695595	-1.4294	0.00660289	0.406696	0.40696	?	?	?	0.0264413	0.304828	-1.28053	0.00133391	0.1217768	-2.82342	0.146153	0.494484	-2.02231	0.3245555	0.63176	-1.58288	4.92092	13.7315	2.79035	1
cg25726244	PET112L	0.00683237	0.982935	1.0097	1.00952	0.0045126	1.15519	1.15519	0.640196	1.088551	1.08855	0.641	0.99546	1.00247	0.0877354	0.420008	2.3809	0.040102	1.43041	1.43041	0.57442	1.0894	1.0894	0.588528	1.08591	1.08591	0.314658	0.854779	-1.16989	3.99013	1.43915	0.320602	1
cg15060659	PET112L	0.0102084	0.242	0.86402	1.06632	0.10453	0.918382	1.08902	1.30045	0.0004708	2.08547	0.28747	0.651282	1.05002	0.0133861	0.610152	1.63511	0.854378	0.66149	1.51186	0.0022057	0.65515	1.72692	-1.37567	0.0466267	2.13986	-1.48443	0.16378	2.41484	5.52354	0.523354	1
cg27364394	PET112L	0.047664	0.05101133	0.373014	-2.68087	0.1930242	0.346472	2.88624	0.0319245	3.05083	3.05083	0.716825	0.850771	-1.1754	0.01694116	0.274651	3.64099	0.126571	1.480345	-2.08184	0.292788	0.6032	0.955102	-1.95371	0.0448499	0.19989	0.548351	1.82365	1.40501	10.7565	2.7713	1
cg25554935	PET117	0.00044865	0.495762	1.18394	1.18394	0.000295028	4.21757	4.21757	0.654963	1.11606	1.11606	0.756475	0.938853	-1.06513	0.495725	1.18396	1.18396	1.37E-05	9.19319	0.19319	0.566843	1.1518	1.1518	0.411989	1.22725	1.22725	0.00157416	1.02903	3.02903	14.7256	13.899	0.838994	1
cg18396157	PET117	0.00045149	0.0135354	0.808128	1.23737	0.0265274	1.80674	1.80674	0.0164597	1.61245	1.61245	0.0114972	0.81499577	1.23183	0.0004708	2.08547	0.28747	0.651282	1.05002	0.133861	0.610152	1.63511	0.854378	0.66149	1.51186	0.0022057	0.65515	1.72692	-1.37567	0.0466267	2.13986	-1.48443	0.16378	2.41484	5.52354	1
cg09042678	PET117	0.0130001	0.0494405	0.362202	-2.76226	0.3022422	0.616232	-1.62277	0.0125784	2.045036	-4.08103	0.63909	0.83547	-1.19693	0.333754	0.634778	1.57115	0.0102543	0.43354	2.33355	0.0442008	2.23165	0.041064	0.34147	-2.92852	0.024611	1.36367	1.36367	5.43013	17.6621	2.89122	1
cg22130753	PET117	0.00199563	0.945403	1.00254	1.07304	0.1102662	0.98452	1.08452	0.0001404	2.14709	2.14709	0.14318	0.4358	2.02105	0.0005688	2.13075	0.0005688	2.13075	0.0009044	1.97314	0.0002997	2.31644	0.0005688	2.13075	0.0009044	1.97314	0.0002997	2.31644	-1.08792	0.010565	1.15545	1.15545	0.0046406	0.0105653	1.01982	1
cg12871000	PET117	0.0478397	0.0782336	0.772397	-1.29467	0.0104184	1.53076	1.53076	0.0230104	1.43175	1.43175	0.935498	1.01074	1.01074	0.254169	1.1702	1.1702	0.147566	1.22766	1.22766	0.507853	0.915139	-1.09273	0.458423	1.048	1.048	0.06814	1.30948	1.30948	3.44532	0.950793	0.245303	1
cg24956141	PET117;CSRP2BP	0.00274591	0.0299192	0.591654	-1.69018	0.0374894	1.64207	1.64207	0.6516	0.910838	-1.09789	0.055237	1.56281	1.56283	0.000709838	0.346566	2.88545	0.029595	0.590819	-1.69257	0.0158955	0.545542	-1.83304	0.012105	1.90157	1.90157	0.82116	0.954547	-1.04762	8.78515	5.87354	0.594265	1
cg00458652	PET117;CSRP2BP	0.00343317	0.130713	1.4 1E-06	0.0192005	0.0340857	0.674396	1.48281	0.12795	1.31994	1.31994	0.0127272	0.88431	1.1304	0.0002697	2.30107	0.0002697	2.30107	0.0002697	2.30107	0.0002697	2.30107	2.81039	0.298342	1.19498	1.19498	0.0135155	1.65722	1.65722	8.22108	5.55504	0.384382	1
cg02573572	PET117;CSRP2BP	0.00359987	0.837103	0.971105	-1.02976	0.000234931	0.419582	-2.38333	0.0216964	0.675353	-1.48071	0.138566	0.796843	-1.25495	0.583839	0.924235	1.08198	0.558734	0.868838	1.15121	0.0188099	0.565042	-2.19278	0.018803	2.10881	2.10881	0.759567	1.31654	4.44703	8.00284	5.05285	1	
cg27440077	PET117;CSRP2BP	0.0172253	0.0744737	0.7369	1.35727	0.0421603	0.895402	-1.11168	0.6432869	0.932603	-2.10405	0.0004708	2.08547	0.28747	0.651282	1.05002	0.133861	0.610152	1.63511	0.854378	0.66149	1.51186	0.0022057	0.65515	1.72692	-1.37567	0.0466267	2.13986	-1.48443	0.16378	2.41484	5.52354	1
cg24396275	PET117;PET117	0.0272248	?	?	?	0.0158723	0.126159	-7.92648	0.630393	1.30725	1.30725	0.449703	0.649805	-1.53892	0.540901	1.41041	1.41041	0.0633284	2.68955	-3.71809	0.0633704	0.0672548	-14.8688	0.168175	2.83845	2.83845	0.082145	3.28667	3.28667	6.5613	31.514	1.84049	1
cg00043043	PIX1	0.00327497	0.416158	0.765052	-1.3071	0.850826	1.06255	1.06255	0.656402	1.15523	1.15523	0.805866	1.08258	1.08258	0.00040964	0.163884	-6.10189	0.933327	0.973196	-1.02733	0.000240268	0.141052	-7.08959	0.403586	1.3171	1.3171	0.276053	0.694104	-1.44071	8.3377	13.7136	1.46202	1
cg05599328	PIX1	0.00845738	0.0041654	0.5	1.00965647	0.0018555	0.894542	-1.11168	0.6432869	0.932603	-2.10405	0.0004708	2.08547	0.28747	0.651282	1.05002	0.133861	0.610152	1.63511	0.854378	0.66149	1.51186	0.0022057	0.65515	1.72692	-1.37567	0.0466267	2.13986	-1.48443	0.16378	2.41484	5.52354	1
cg12721952	PKD1L2	0.00161264	2.68E-06	3.65E-07	0.271987	-3.67664	4.69E-05	0.505218	-1.97934	0.000863337	0.640919	-1.56026	0.003159972	0.698564	-1.43151	1.11E-06	0.323879	0.087255	0.0007	1.42857	0.449608	0.798243	1.25275	0.0131944	0.407572	-2.45355	4.43317	5.99145	1.20134	1	
cg26262733	PKD1L2	0.00153616	0.0957804	0.732854	-1.36502	0.0178622	0.167086	-2.98416	0.0166	0.810756	-1.23345	0.0010732	0.28514	0.0007	1.42857	0.449608	0.798243	1.25275	0.0131944	0.407572	-2.45355	0.0131944	0.407572	-2.45355	4.43317	5.99145	1.20134	1				
cg22428961	PKD1L2	0.00011612	0.518658	1.07253	1.07253	0.000636067	1.75327	1.75327	0.000718352	1.73486	1.73486	0.637097	1.05217	1.05217	0.214689	1.15003	1.15003	0.003151168	0.649319	-1.54008	1.33E-05	0.376569	-2.65556	0.0692306	1.24302	1.24302	0.126544	0.837879	-1.19349	21.3967	3.88125	0.16124	1
cg23668539	PKD1L2	0.00150949	0.703203	0.90795	1.09976	0.0107046	0.517298	-1.93126	0.0167	0.747307	1.33833	0.0004708	2.08547	0.28747	0.651282	1.05002	0.133861	0.610152	1.63511	0.854378	0.66149	1.51186	0.0022057	0.65515	1.72692	-1.37567	0.0466267	2.13986	-1.48443	0.16378	2.41484	5.52354	1
cg24439334	PKD1L2	0.00064274	0.301577	0.83497	1.19707	0.25E-05	0.54197	1.84397	0.002707021	0.623618	2.03618	0.002536621	0.598593	1.67098	0.003529	2.83255	0.0007	1.42857	0.449608	0.798243	1.25275	0.0131944	0.407572	-2.45355	4.43317	5.99145	1.20134	1				
cg20664247	PKD1L3	0.00168735	0.00621509	0.545147	-1.83437	0.053099	1.44755	1.44755	0.436168	0.87362	-1.14466	0.000374108	2.63181	2.63181	0.00263641	0.492693	-2.02966	0.754948	0.95224	-1.05017	0.0003388	0.355082	-2.81597	0.011681	1.35462	1.35462	0.0054965	0.738452	1.73845	5.44154	3.44168	0.407219	1
cg00823695	PKD1L3	0.00080369	0.0038793	0.579714	-1.72605	0.0045086	1.8079	1.8079	0.0001	2.76033	2.76033	0.0009272	1.62752	1.62752	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	1.31813	1.31813	14.3003	1.21779	0.0736366	1
cg19676238	PKD1L3	0.00296581	0.0609374	0.64035	-1.56165	3.82E-05	0.176804	-5.65598	0.388181	1.21402	1.21402	0.172525	0.727229	-1.37508	0.754834	0.933586	1.07114	0.0640342	0.63428	1.57871	0.0325747	0.57766	-1.73112	0.250305	1.76832	-1.30154	0.288642	0.785324	-1.27336	8.58731	6.5457	0.677557	1
cg16523185	PKD1L3	0.00832362	0.16088	0.685893	-1.45795	0.00255713	0.947787	-2.87532	0.0634929	0.591376	-1.69097	0.00391788	0.376276	-2.65762	0.034539	0.513576	-1.85994	0.0074859	0.42616	2.34686	0.0026005	1.58894	0.0074859	0.42616	2.34686	0.0026005	1.58894	0.0074859	0.42616	2.34686	0.0026005	1.58894	1
cg05146414	PKD1L3	0.00853466	0.0546402	0.638907	-1.56522	0.0106341	2.304854	2.304854	0.0001	2.76033	2.76033	0.0009272	1.62752	1.62752	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	2.21541	2.76057	14.3003	1.21779	0.0736366	1
cg23629166	PKD1L3	0.00984571	0.153044	0.638074	-1.56722	0.000317801	0.54004	0.0736222	1.79607	1.79607	0.231986	1.44246	1.44246	0.144246	2.06136	2.06136	1.07668	1.67446	1.67446	0.389022	1.2959	1.2959	0.05003859	1.92698	1.92698	0.724033	0.900145	-1.1097	5.94007	8.11085	1.21373	1
cg12222752	PKD1L3	0.00100736	0.0192005	0.704585	-1.42025	0.0034585	1.2185	1.2185	0.0139906	1.46012	1.46012	0.653729	1.0085	1.0085	0.946916	0.975202	1.02564	0.0560086	-1.64027	0.0056154	0.0007	1.42857	0.449608	0.798243	1.25275	0.0131944	0.407572	-2.45355	4.43317	5.99145	1.20134	1
cg13306335	PKD1L3	0.00111743	0.0858551	0.765783	-1.30585	0.00280349	1.78412	1.78412	0.62907	1.07082	1.07082	0.852809	0.974228	-1.02645	0.07687	1.3186	1.3186	0.174054	1.22542	1.22542	0.00150501	1.90203	1.90203	0.360275	1.14136	1.14136	0.351929	0.874007	-1.14416	5.70354	1.78517	0.378217	1
cg25724625	PKD1L3	0.00760468	0.00778182	0.529453	-1.88843	0.0105619	0.891592	-1.12057	0.6078483	0.933535	-1.09257	0.0557497	0.487759	-2.05015	0.0106218	0.345006	2.8985	0.0093211	0.74004	-1.35135	0.0040852	0.608067	-1.6432	0.0224795	0.404351	-2.4731	0.536768	0.87001	1.54456	0.709311	1.54456	1
cg07056682	PKD1L3	0.00405001	0.0732501	0.95128	1.05128	0.0361265	1.26039	1.26039	0.559743	1.12819	1.12819	0.154871	1.22125	1.22125	0.702784	0.958515	1.04356	0.0111589	1.47695	1.47695	0.626743	0.894799	-1.11757	0.122343	1.46194	1.46194	0.0703695	0.916698	-1.09054	5.33779	4.34887	0.724206	1
cg15644742	PKD1L3	0.00119616	0.0679929	0.950783	-1.05176	0.1120058	0.591607	-1.69031	0.0358525	0.476761	-2.09749	0.0879179	0.56476	-1.77066	0.726607	1.11237	1.11237	0.394704	1.30272	1.30272	0.000410586	0.182322	-5.4848	0.423573	1.2814	1.2814	0.228213	0.681347	-1.46768	3.30468	7.73203	1.29563	1
cg20136951	PKD1L3	0.00152593	0.026052	0.60107	-1.66351	0.0144	1.3384	1.3384	0.0133	1.50677	1.50677	0.0008077	1.51726	1.51726	0.130001	1.3184	1.3184	0.0145857	1.51961	1.51961	0.0151183	0.658062	-1.51955	0.0032426	0.976575	1.02015	0.0141121	0.860894	-1.16158	5.51402	2.59259	0.447131	1
cg09098932	PKD1L3	0.0166649	0.0765553	0.6117	1.6617	0.00847815	3.37109	3.37109	0.0783389	1.66609	1.66609	0.0384169	1.78811	1.78811	0.075122	2.04366	2.04366	0.849053	0.95486	-1.04725	0.463356	0.853264	-1.19723	0.584876	1.14299	1.14299	0.746959	0.924564	-1.08159	5.00266	4.6507	0.826351	1
cg21803791	PKD1L3	0.00093434	0.0039454	0.547237	1.82643	0.0077707	2.03175	2.03175	0.0191385	1.83707	1.83707	0.0084072	2.15733	2.15733	0.0013828	2.46422	2.46422	0.0203784	1.48607	1.48607	0.0114245	0.672738	-1.48684	0.0124228	0.830888	1.20393	0.0030794	1.10645	0.119835	0.0007	1.42857	0.449608	0.798243	1
cg23812581	PKD1L3	0.0267195	0.00908974	2.08157	2.08157	0.510519	0.862754	-1.15908	0.514337	0.863935	-1.15749	0.614235	0.893678	-1.11897	0.0306478	0.570259	1.75359	0.0023038	1.81946	-1.22028	0.0116688	2.00793	2.00793	1.148286	0.40913	1.40913	0.234673	1.317121	1.317121	4.25723	1.29833	0.688675	1
cg05813650	PKD1L3	0.0131463	0.184997	0.859009	-1.16413	0.00437974	0.662722	-1.50893	0.658255	0.953015	-1.0493	0.295814	0.889409	-1.12434	0.561742	0.938543	-1.06548	0.0789475	0.80986	-1.23478	0.0137413	1.39005	0.610015	0.945907	-1.05719	0.353306	1.08777	1.10877	0.41812	0.7437	54	0.164533	1
cg22535228	PKD1L3	0.00243113	0.1844319	0.72383	-1.38148	0.0139222	1.45064	1.45064	0.0001	2.76033	2.76033	0.0009272	1.62752	1.62752	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	0.0001	2.76033	1.44724	2.76057	14.3003	1.21779	0.0736366	1
cg07817892	PKD1L3	0.00354048	0.0149959	0.613188	-1.63082	0.642201	1.31605	1.31605	0.982265	0.980708	-1.01313	0.034703	0.235737	-4.24201	0.00211496	0.079148	-12.6344	0.0436446	0.256308	-3.90156	0.0335757	0.232908	-4.29355	0.622654	0.747425	-1.33793	0.105612	0.3543	-2.82247	3.85106	21.0116	4.84983	1
cg16272425	PKD1L3	0.00760468	0.00778182	0.529453	-1.88843	0.0105619	0.891592	-1.12057	0.6078483

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(127T vs. N)	Fold-Change(127T vs. N)	p-value(137T vs. N)	Fold-Change(137T vs. N)	p-value(147T vs. N)	Fold-Change(147T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(637T vs. N)	Fold-Change(637T vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg02009585	PEX5L	0.0347171	0.407667	0.935569	-1.07461	0.833896	0.682263	-1.01806	0.115919	0.86487	-1.15624	0.592608	0.95515	-1.04696	0.990705	0.999011	-1.00099																	
cg15632659	PEX6	0.00195278	0.981284	0.995993	-1.00402	1.002786	0.736728	-1.35735	0.509821	1.12125	1.12125	1.00727487	1.80863	1.80863	0.0082869	0.565144	1.76946																	
cg02359409	PEX6	0.00399276	0.897129	0.988839	-1.01129	0.00253602	1.43845	1.43845	0.00205849	1.45745	1.45745	0.00968778	1.32842	1.32842	0.587105	0.953537	-1.04873																	
cg01125463	PEX6	0.00673015	0.350954	-1.84937	0.0698774	1.829467	1.82964	0.0977861	0.181994	-1.71823	0.0503302	0.559465	-1.85403	0.0140106	0.4049031	-2.46948																		
cg11171825	PEX6	0.008523	0.0040789	1.228867	-7.75996	0.0256479	0.244367	-4.0922	0.00739363	0.159696	-6.26191	0.0270019	0.248589	-4.0227	0.00929762	0.17307	-5.77801																		
cg00332877	PEX6	0.0370273	0.339614	1.31433	1.31433	0.439984	1.24447	1.24447	0.26157	0.722433	-1.38421	0.0767678	0.578911	-1.72738	0.418735	1.25792	1.25792																	
cg21877613	PEX6	0.0481843	0.225206	0.849449	-1.17723	0.550226	1.08052	1.08052	0.567416	0.928617	-1.07687	0.0954725	0.790834	-1.26449	0.371783	1.12467	1.12467																	
cg09081596	PEX6	0.049913	0.75708	1.01954	1.01954	0.713757	0.979018	0.99139	0.99554	1.00032	1.00032	0.660968	1.06976	1.06976	0.0110222	0.832622	-1.31002																	
cg04475536	PEX6;PEX6	0.013792	0.162473	0.721172	-1.38661	0.8884444	0.1105127	1.031027	0.8874645	0.661299	-1.51217	0.603572	0.12169	-1.52169	0.0020805	0.868222	-1.15364																	
cg07562541	PEX7	0.00369789	0.379801	0.909509	-1.09949	0.0297542	0.763917	-1.30904	0.0456082	0.785594	-1.27292	0.0280329	1.31418	1.31418	0.961419	1.00511	1.00511																	
cg04080805	PEX7	0.00889821	0.306173	0.666808	-1.49966	0.0127267	0.1134	1.184896	0.0155696	0.52192	-1.91629	0.103829	0.0213858	2.107427	0.0001496	0.474931	-2.10567																	
cg01880949	PEX7	0.0300358	0.314392	0.743021	-1.34586	0.0129573	0.42116	1.294511	0.295411	0.223575	0.694148	-1.44062	0.2380101	0.702664	-1.42315																		
cg06125930	PEX7	0.0395388	0.354514	0.824437	-1.21231	0.209684	1.30977	1.30977	0.302262	1.92448	1.92448	0.196819	1.3176	1.3176	0.099615	0.9999992	-1.0001																	
cg14759548	PEX7	0.0409841	0.22906	0.509065	-1.96299	0.00614485	0.147487	-6.78026	0.0103792	0.177881	-5.62174	0.43118	0.650661	-1.5369	0.0136981	0.195805	-5.10713																	
cg06395414	PEX7	0.0421357	0.312331	0.596106	-1.67755	0.183043	0.21967	2.019607	0.624514	1.27658	1.27658	0.875876	0.915093	-1.09279	0.0327143	0.290201	-3.44482																	
cg13150602	PEX7	0.0496125	0.404425	0.7976	-1.25376	0.0091054	0.293475	3.20643	0.393651	1.26083	1.26083	0.0867838	0.605972	-1.65166	0.3222388	1.31132	1.31132																	
cg01447579	P4	0.0111446	0.324649	0.76872	-1.30086	0.613745	0.87668	-1.14067	0.520891	0.845122	-1.18326	0.0617482	0.397086	-2.51834	0.0008973	0.276514	-3.61645																	
cg01558783	P4	0.0165155	0.0587407	0.176694	-2.66538	0.515662	0.19249	1.35249	0.0773144	0.497258	-2.45545	0.31141	0.619374	-1.61453	0.0806981	0.216657	-4.6156																	
cg06834998	P4	0.0266324	0.0284415	0.300868	-3.32371	0.5453774	0.75259	-1.32874	0.1256941	0.646725	-1.54643	0.0336821	0.165682	-2.15688	0.0115688	0.215268	-4.64525																	
cg09278540	P4V1	1.17E-05	1.02E-06	0.207716	-4.81426	6.83E-05	0.409327	-2.44303	0.0102696	0.148692	1.48692	0.000513642	0.514291	-1.94442	0.0145346	1.44656	1.44656																	
cg06449662	P4V1	0.00178805	0.0004084	0.15178	-3.90354	0.0173124	0.494411	-2.02261	0.454028	1.20278	1.20278	0.0064629	0.608563	-1.64305	0.0229363	1.012718	1.012718																	
cg12065832	P4V1	0.00190134	0.000433097	0.2553	-4.24569	0.0545352	0.567338	-1.76262	0.615611	1.1406	1.1406	0.2194935	0.714918	-1.39876	0.134213	1.52149	1.52149																	
cg16125000	P4V1	0.0162698	0.000573363	0.251351	-3.97506	0.0133205	0.943374	-1.18571	0.7512663	1.06526	1.06526	0.0609488355	0.522563	-1.91396	0.0731326	1.00586	1.00586																	
cg00508604	P4V1	0.0157076	0.00479712	0.242194	-4.12802	0.071369	0.466299	-2.14455	0.884951	1.05638	1.05638	0.0151784	0.323039	-3.0956	0.00591415	0.255606	-3.91227																	
cg15759338	P4V1;P4V1	3.45E-05	7.70E-06	0.250789	-3.98741	0.0547226	0.597758	-1.67292	0.0354056	0.41203	0.41203	0.00763731	0.616886	-1.62105	0.00315805	0.76501	1.76501																	
cg20361594	PFAS	5.54E-05	0.399764	0.824236	-1.37233	0.0219705	0.299472	1.299472	0.0370948	0.537124	1.68709	0.364007	0.702414	-1.47663	0.0664222	0.911973	-1.09677																	
cg01503563	PFAS;C17orf68	0.00553792	0.0283884	1.92583	1.92583	0.132929	1.50781	1.50781	0.815857	1.06087	1.06087	0.0375344	1.84275	1.84275	0.300369	0.76198	-1.31237																	
cg00709708	PFAS;C17orf68	0.00810085	0.1834774	1.04904	-1.04406	0.0305854	1.01814	1.01814	0.2178475	1.33283	1.33283	0.0477164	0.464535	-2.15303	0.0129374	0.272886	1.62561	1.62561																	
cg02853530	PFAS;C17orf68	0.0149799	0.00151535	0.478617	-2.08935	0.7818101	1.0458	1.0458	0.0456389	1.44724	1.44724	0.0265833	0.654451	-1.528	0.0095208	0.743591	-1.34525																	
cg13602798	PFAS;C17orf68	0.0223563	0.0592995	0.757644	-1.31988	0.763695	1.04009	1.04009	0.505852	0.915763	-1.09199	0.683531	1.05488	1.05488	0.27432	1.15983	1.15983																	
cg10736194	PFAS;C17orf68	0.0273634	0.0740644	0.7819	-1.2911	0.4211	0.979018	0.99139	0.994554	0.999237	0.975185	-1.44548	0.0362421	0.490599	-2.03826	0.643995	-1.55281																	
cg25605912	PFAS;C17orf68	0.0362468	0.0233771	0.788443	-1.26832	0.0260982	0.793238	-1.26066	0.248247	1.11172	1.11172	0.0310628	0.700592	-1.42736	0.247979	0.80945	-1.11179																	
cg24067562	PFAS;PDN1	0.0020463	0.992041	1.00384	1.00384	0.0023182	0.58298	0.58298	0.0017202	0.76161	0.76161	0.0018364	0.81921	0.81921	0.314967	0.87822	0.403153094	0.47479	-2.10647																
cg01139526	PDN1	0.0052712	0.000860563	0.552312	-1.81057	0.483151	0.08822	1.08822	0.0276246	1.362	1.362	0.0912373	0.801985	-1.24691	0.0179795	0.71103	1.40641																	
cg19622675	PDN1	0.010109	0.000229891	0.353139	-2.84625	0.182093	0.706323	-1.41578	0.00137299	0.319902	-3.12596	0.199496	1.39481	1.39483	0.0520077	0.58118	-1.72064																	
cg25409794	PDN1	0.0109334	0.00933134	0.424236	-2.35703	0.0209705	0.943374	1.857944	0.0083268	1.88754	1.88754	0.0183208	1.88754	1.88754	0.0085046	1.45096	1.45096																	
cg22037779	PDN1	0.0369184	0.0692512	1.88557	1.88557	0.280077	0.41959	1.41959	0.315859	1.38208	1.38208	0.296773	1.40151	1.40151	0.119054	1.69534	1.69534																	
cg13298382	PDN2;NIT1	0.0237809	0.0072301	0.4744	-2.10753	0.0160694	0.329007	1.93944	0.0313354	1.83881	1.83881	0.0763343	1.83881	1.83881	0.0156397	1.94153	1.94153																	
cg22336747	PDN2;NIT1	0.0289828	0.492418	0.862905	-1.15888	0.573452	0.57569	-1.14589	0.2139829	1.39394	1.39394	0.0847127	1.49667	1.49667	0.0576309	0.596265	-1.67711																	
cg22154859	PDN4	0.00227019	0.464308	0.89253	-1.12041	0.2681197	0.838572	-1.1925	0.100008	0.759476	-1.3167	0.00732346	0.589005	-1.69519	0.000132197	0.36343	-2.75156																	
cg16533795	PDN4	0.0250943	0.211344	0.64074	-1.56066	0.0305854	0.10814	1.01814	0.0218475	0.33283	1.33283	0.0181295	0.464545	-2.15254	0.0012772	0.272886	1.62561	1.62561																	
cg00795577	PDN4	0.0138352	0.220286	0.803325	-1.24483	0.109743	0.741591	-1.34483	0.8627795	1.37994	1.37994	0.63152	0.921172	-1.08557	0.0132652	0.688822	1.68822																	
cg22249338	PDN4	0.0187614	0.0986383	0.614498	-1.62715	0.0167	0.24387	1.74387	0.0792704	1.33676	1.33676	0.0210859	1.777164	1.777164	0.0284772	0.932446	1.17544																	
cg13347296	PDN4	0.0384417	0.694714	0.915941	-1.09177	0.0463814	0.66184	1.66184	0.00642541	2.20145	2.20145	0.860879	0.961703	-1.03982	0.749768	0.931245	1.07383																	
cg16541185	PDN4	0.0422311	0.862315	0.959388	-1.04242	0.0305854	0.10814	1.01814	0.0218475	0.33283	1.33283	0.0181295	0.464545	-2.15254	0.0012772	0.272886	1.62561	1.62561																	
cg08735205	PDN4;PDN4	2.07E-05	0.165012	0.807798	-1.23793	0.556672	0.925922	1.08373	0.102373	0.23883	4.18383	0.0057144	0.593459	-1.68504	0.0932758	0.268005	-3.73129																	
cg03624316	PDN5;C12orf10;PPDN5	0.000931032	0.000480191	0.249708	-4.00468	0.434831	0.817254	-1.22361	0.011895	0.45154	-2.21464	0.00857685	0.427774	-2.33768	0.00340156	0.364831	-2.74099																	
cg23130686	PDN5;PPDN5	0.000845381	0.929703	0.974813	-1.02611	0.4215	0.0002316	1.16469	0.575371	1.1715	1.1715	0.562655	0.770622	-1.29765	0.0012641	0.816506	-1.22501																	
cg10667986	PDN5;PPDN5	0.00122573	0.056633	0.729658	-1.3705	0.000145938	0.384921	-2.59794	0.0195966	1.50971	1.50971	0.56076	1.10356	1.10356	0.02420748	0.710278	1.4079																	
cg23787163	PDN5;PPDN5	0.00288772	0.546847	0.892115	-1.12092	0.2013	0.174356	1.17456	0.0093783	0.538276	-1.85778	0.75129	0.942208	-1.06134	0.00212825	0.318234	-3.14372																	
cg24048175	PDN5;PPDN5;C12orf10	0.0260455	0.0182874	0.476144	-2.09921	0.208086	0.709017	-1.44	0.0042	0.757422	-1.32027	0.852466	0.952908	-1.04962	0.00242161	0.314814	-3.08673																	
cg14199570	PDN6;WDR46;WDR46	3.14E-05	3.61E-06	0.0998332	-10.0167	0.00225222	0.272007	-3.67638	0.0067373	0.474538	-2.10731	0.0266226	0.572641	-1.74626	0.0091097332	0.26516	-3.7713																	
cg06449670	PDN6;WDR46;WDR46	9.06E-05	0.000150487	0.347817	-2.87539	0.0139077	0.7188	1.2188	0.0009855	1.30751	1.30751	0.2101	0.614796	1.32096	0.0012955	1.1498	1.1498																	
cg26721450	PDN6;WDR46;WDR46	0.00144206	1.69E-05	0.0713016	-14.0249	0.00606952	0.342605	-2.91881	0.73081	0.901906	-1.10876	0.00529522	0.333276	-3.00052	0.000203113	0.155308	6.43882																	
cg19400938	PDN6;WDR46;WDR46	0.00245218	0.000329853	0.581042	-1.72129	0.0228524	1.12563	1.12563	0.0027045	1.29797	1.29797	0.127898	0.857163	-1.16664	9.71E-05	0.522603	-1.91349																	
cg17313579	PDN6;WDR46;WDR46	0.00448076	0.000335329	0.127427	-7.84762	4.58E-05	0.0629485	-15.886	0.00678952	0.283838	-3.52314	0.562023	0.810204	-1.23426	0.00116923	0.180739	-5.53285																	
cg19048360	PDN6;WDR46;WDR46	0.00474355	3.80E-05	0.138005	-7.24612	0.025277	0.513563	-1.94718	0.404249	0.807505	-1.23838	0.412179	1.23375	1.23375	0.000210085	0.211615	-4.72556																	
cg20705685	PDN6;WDR46;WDR46	0.00477746	0.000151468	0.277796	-3.59955	0.0526101	0.956203	-1.04597	0.0129503	0.567508	-1.76207	0.0127053	0.567508	-1.76207	0.0127053	0.567508	-1.76207																	
cg07830729	PDN6;WDR46;WDR46	0.00496187	0.00131638	0.146352	-6.83286	0.000100625	0.0587482	-17.0218	0.0122922	0.277514	-3.60342	0.505178	0.757317	-1.32045	0.00106655	0.136946	-7.30217																	
cg20998451	PDN6;WDR46;WDR46	0.00498419	0.000351173	0.124353	-8.04169	0.0023819	0.59236	-1.68837	0.0171285	0.844538	-1.1785	0.0557342	0.844538	-1.1785	0.0557342	0.844538	-1.1785																	
cg13576739	PDN6;WDR46;WDR46	0.00511594	0.0386107	-7.07712	-1.413	0.0086356	1.62124	1.62124	0.0202599	1.49774	1.49774	0.647803	0.93578	-1.06863	0.29116	0.857385	-1.17126																	
cg10272540	PDN6;WDR46;WDR46	0.00614696	0.000268778	0.168109	-5.94852	0.480058	1.2388	1.2388	0.186329	1.51879	1.51879	0.0270226	0.457962	-2.18359	0.215899	1.47476	1.47476																	
cg12952190	PDN6;WDR46;WDR46	0.00624137	0.365914	0.8139	-1.22859	0.0025824	0.570166	-1.75336	0.0199149	0.736597	1.35867	-1.7331	0.0103733	0.463931	-2.15549	0.00722104	1.41832	1.41832																	
cg03397609	PDN6;WDR46;WDR46	0.00936344	0.0216908	0.271429	-3.6842	0.00215256	0.130212	-7.67977	0.116475	0.446175	-2.24127	0.27841	0.586689	-1.70448	0.0102033	0.215989	4.62987																	
cg05755900	PDN6;WDR46;WDR46	0.0140632	0.00476503	0.488137	-2.04837	0.0160694	0.329007	1.93944	0.0313354	1.83881	1.83881	0.0763343	1.83881	1.83881	0.0156397	1.94153	1.94153																	
cg04639931	PDN6;WDR46;WDR46	0.0176666	0.00175348	0.174429	-5.83333	0.250244	0.62178	-1.60829	0.1165983	0.508491	-1.96274	0.953668	0.977283	-1.02324	0.00441323	0.222479	4.4948																	
cg02845534	PDN6;WDR46;WDR46	0.0205462	0.0019826	0.16466	-6.07313	0.0946718	0.468394	-2.13495	0.277607	0.627378	-1.59394	0.188972	1.77647	1.77647	0.0189522	0.309367	-3.2324																	
cg27055685	PDN6;WDR46;WDR46	0.0221206	0.0014433	0.159292	-6.27736	0.0526101	0.956203	-1.04597	0.0129503	0.567508	-1.76207	0.0127053	0.567508	-1.76207	0.0127053	0.567508	-1.76207																	
cg27355501	PDN6;WDR46;WDR46	0.0243231	0.0316306	0.146726	-6.81286	0.0180679	0.112227	-8.91052	0.0289425	0.140659	-7.10939	0.0871967	0.237304	-4.21401	0.0128705	0.0951435	-10.5104																	
cg12745400	PDN6;WDR46;WDR46	0.0247847	0.782641	0.951	-1.05111	0.0089515	0.9523	1.05111	0.0938557	0.46079	-2.17073	0.2154813	0.5668	-1.76448	0.0499313	0.3241	-3.08571																	
cg05125781	PDN6;WDR46;WDR46	0.0341979	0.682657	1.04694	1.04694	0.485104	0.923893	-1.08238	0.351207	1.11298	1.11298	0.926755	1.01031	1.01031	0.00542479	1.50426	1.50426																	
cg01133147	PDN6;WDR46;WDR46	0.0396865	0.683451	1.10797	1.10797	0.243501	1.35943	1.35943	0.80856	1.06255	1.06255	0.116467	0.647678	-1.54398	0.043749	0.818555	-1.22166																	
cg10081998	PDN6;WDR46;WDR46	0.0422665	0.618315	1.04745	1.04745	0.3949	1.08907	1.08907	0.0136996	1.72444	1.72444	0.0641337	1.37901	1.37901	0.0136996	1.72444	1.72444																	
cg07063325	PDN6;WDR46;WDR46	0.0483267	0.500579	1.11564	1.11564	0.306968	0.844274	-1.18445	0.749613	0.950041	-1.05259	0.182149	1.25439	1.25439	0.532692	1.10644	1.10644																	
cg00185497	PFKFB1	0.822017	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001																	
cg24678241	PFKFB1	0.0123292	0.0888326	0.584844	-1.70986	0.688793	0.891334	-1.12194	0.0122043	0.409633	-2.44121	0.0543069	0.535734	-1.8666	0.000698318	0.22813	-4.38346																	
cg23800799	PFKFB1	0.0147525	0.233236	0.713746	-1.40207	0.0428634	0.728324	-1.37243	0.118368	0.631913	-1.58302	0.314177	1.31956	1.31956	0.0002868	0.210846	-4.7439																	
cg24646249	PFKFB1	0.0213264	0.278222	0.672817	-1.48697	0.566244	0.815641	-1.22603	0.0438379	0.442976	-2.25746	0.986367	1.00602	1.00602	0.00754353	0.298737	-3.34742																	
cg13897449	PFKFB1	0.0401239	0.00223564	0.175345	-5.70303	0.662342	0.836382	-1.19565	0.0990346	0.479286	-2.08644	0.689193	1.17762	1.17762	0.0181779	0.311524	-3.21002																	
cg13747244	PFKFB1;PFKFB1	0.021097	0.0210097	0.1644	-6.08157	0.0388589	0.7086	1.4086	0.0174	0.710359	1.40784	0.0422362	1.49356	1.49356	0.0088444	0.307833	-3.24907																	
cg05948872	PFKFB2	0.00826228	0.143908	0.68725	-1.45507	0.00290335	0.376147	-2.65853	0.00152924	0.336349	-2.9731	0.907689	0.972672	-1.0281	0.00223459	0.359615	-2.78075																	
cg06640374	PFKFB2;PFKFB2	0.00161594	0.0755336	0.586914	-1.70373	0.0168564	0.340147	-1.71955	0.000589525	0.313553	-3.18911	0.0127955	0.312957	-3.19529	0.0012455	0.354546	-2.82107																	
cg17808646	PFKFB2;PFKFB2	0.0216346	0.0887954	-1.6956	0.0726955	0.681213	0.459737	-2.17485	0.0662119	0.350111	-2.85613	0.0155141	0.348019	-2.87316	0.0050111	0.532954	-1.87742																	
cg01710147	PFKFB2;PFKFB2	0.0209254	0.0109457	0.134709	-7.42343	0.115612	0.341725	-2.92633	0.103154	0.326563	-3.0622	0.0333883	0.209998	-4.76194	0.00846521	0.12121	-8.25011																	
cg08599553	PFKFB2;PFKFB2;PFKFB2;PFKFB2	0.0494623	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193																	
cg02710090	PFKFB2;PFKFB2;YOD1	5.28E-05	0.000529236	0.242163	-4.12945	0.0260642	0.499652	-2.00139	0.0308772	0.513756	-1.94655	0.295	0.610726	1.63776	0.0228705	0.224	-4.46271																	
cg06119074	PFKFB2;PFKFB2	0.00115432	0.0034412	0.147487	-6.7819	0.0082346	0.164328	-6.08319	0.0107575	0.188039	-5.5341	0.2198468	0.502061	-1.99179	0.000442105	0.165618	-6.03943																	
cg01380361	PFKFB2;PFKFB2;YOD1	0.00221546	0.1707	0.665407	-1.50284	0.263021	0.58518	-1.38518	0.138535	0.56092	-1.56092	0.827746	0.940966	-1.06274	0.000647317	0.232003	-4.31028																	
cg03261682	PFKFB3	0.00039658	0.00210934	0.548182	-1.82421	0.0182034	0.671235	-1.48979	0.0027168	0.61749	-1.61946	0.167483	1.22701	1.22701	0.5.99E-05	0.3509	-2.84909																	
cg08289056	PFKFB3	0.00237569	0.000226387	0.0733534	-13.6403	0.0013564	0.13245	-7.55145	0.0005058	0.133439	-7.49393	0.0023153	0.13245	1.1245	0.0005058	0.133439	-7.49393																	
cg05014727	PFKFB3	0.0027796	0.00193817	0.0931888	-10.7309	0.0628886	0.322265	-3.10304	0.292974	0.554125	-1.80465	0.061412	0.319698	-3.12795	0.000321866	0.042886	-23.3177																	
cg10423896	PFKFB3	0.0042396	0.144335	0.746066	-1.33983	0.0042316	0.0979018	1.0112	0.2570663	1.25146	1.25146	0.0345915	0.769318	-1.29985	0.000181828	0.232822	-4.29577																	
cg24202817	PFKFB3	0.0049836	0.0192331	0.446077	-2.24176	0.10798	0.606588	-1.64856	0.337764	0.754511	-1.32536	0.158584	1.5366	1.5366	0.0066081	0.366789	-2.72676																	
cg08994060	PFKFB3	0.00564746	0.0062043	0.164535	-6.07773	0.0686168	0.356713	-2.80337	0.309754	0.58768	-1.70161	0.0920164	0.391412	-2.55485	0.00691258	0.170675	-5.85909																	
cg25375138	PFKFB3	0.0055384	0.0062	0.1626	-6.1505	0.0423516	1.153	1.153	0.333992	1.15663	1.15663	0.0556022	0.832404	-1.20132	0.000139886	0.252037	-3.96705																	
cg00902516	PFKFB3	0.00655228	0.00313156	0.249023	-4.00124	0.871839	0.94609	-1.05698	0.78501	0.910409	-1.09841	0.889704	0.953488	-1.04878	0.000779144	0.174684	-5.72461																	
cg00355703	PFKFB3	0.00927677	0.0162977	0.295133	-3.38763	0.0209705	0.943374	1.857944	0.0083268	1.88754	1.88754	0.0183208	1.88754	1.88754	0.0085046	1.45096	1.45096																	
cg12664179	PFKFB3	0.00809066	0.0199797	0.336385	-2.97279	0.234128	0.639101	-1.5647	0.538238	0.799569	-1.25067	0.269297	0.661707	-1.51124	0.00276726	0.2272598	4.3995																	
cg22692545	PFKFB3	0.01185226	0.0191879	0.32274	1.02274	0.175364	0.46082	1.460882	0.250887	1.37096	1.37096	0.24592	1.37594	1.37594	0.000502333	0.239109	-4.18219

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27069691	PFKP	0.000610373	0.00745742	1.5365	1.5365	0.000113503	0.429622	-2.32763	0.0208362	0.706989	-1.41445	0.0267404	1.38707	1.38707	0.966683	1.00522	1.00522	0.880116	0.981362	-1.01899	0.000829728	1.87276	1.87276	0.0707335	1.28625	1.28625	0.148555	1.21308	1.21308	13.5191	3.32733	0.218774	1
cg02773337	PFKP	0.00115576	0.0554363	1.36172	1.36172	3.95E-05	0.326924	-3.05882	0.153944	1.24244	1.24244	0.0625619	1.34725	1.34725	0.0765071	1.32343	1.32343	0.561216	1.08714	1.08714	0.0442815	1.38901	1.38901	0.0747312	1.32619	1.32619	0.642612	0.935699	-1.06872	11.2921	3.61727	0.284743	1
cg02345060	PFKP	0.00126328	0.000680413	0.373906	-2.67447	0.328183	1.21074	1.21074	0.0305465	0.617814	-1.61861	0.0960529	1.41385	1.41385	0.000166878	0.296791	-3.36937	0.0922	0.703843	-1.42077	0.233453	1.26707	1.26707	0.0456645	1.54368	1.54368	0.388848	0.845918	-1.18215	11.009	6.25988	0.505438	1
cg04188920	PFKP	0.0014071	0.0224747	0.226228	-4.42032	0.00506779	0.133395	-7.49655	0.00673268	0.148059	-6.75406	0.0147272	0.195537	-5.11411	0.000302591	0.0410455	-24.3632	0.0336014	0.259401	-3.85503	0.000164057	0.030383	-32.9132	0.623271	0.764019	-1.30887	0.00645954	0.145843	-6.85669	10.674	49.9636	4.16077	1
cg00059240	PFKP	0.00165895	0.933442	1.01084	1.01084	0.00280502	1.7012	1.7012	0.0034881	1.66771	1.66771	0.592198	1.07226	1.07226	0.544777	1.0823	1.0823	0.0419495	0.738993	-1.35319	0.00730973	0.639996	-1.56251	0.000577591	1.98804	1.98804	0.239455	0.853038	-1.17228	10.1795	2.6843	0.234398	1
cg17433678	PFKP	0.00277693	0.00330099	0.452905	-2.20797	0.0674435	1.50006	1.50006	0.748783	0.938394	-1.06565	0.0499678	0.642495	-1.55643	0.0174396	0.563972	-1.77314	0.729235	0.933544	-1.07119	0.96472	1.00879	1.00879	0.497194	0.872487	-1.14615	0.000121764	0.265068	-3.77262	8.75637	5.43132	0.551352	1
cg08194405	PFKP	0.00341379	0.00357888	0.382665	-2.61325	0.168159	0.69938	-1.42984	0.000530134	0.268828	-3.71985	0.0949486	0.639708	-1.56321	0.00590179	0.416053	-2.40354	0.00689929	0.426809	-2.34297	0.254019	0.748275	-1.33641	0.448788	1.20674	1.20674	0.00218226	0.351158	-2.84772	8.235	7.73025	0.834406	1
cg26616526	PFKP	0.00341771	0.000417506	0.316943	-3.15514	0.0408269	0.615842	-1.62379	0.258078	0.784812	-1.27419	0.666977	1.09296	1.09296	0.000674574	0.343881	-2.90799	0.0105558	0.516584	-1.9358	0.00552457	0.472944	-2.11442	0.332689	0.814496	-1.22775	0.0852962	0.676646	-1.47788	8.23217	5.49672	0.593521	1
cg23071864	PFKP	0.00462859	0.00631888	0.701069	-1.42639	0.000621995	0.591088	-1.69179	0.357739	1.09906	1.09906	0.0389354	0.787626	-1.26964	0.230897	0.882043	-1.13373	0.0637322	0.812079	-1.23141	0.0330294	1.28269	1.28269	0.115635	1.18626	1.18626	0.964846	1.00441	1.00441	7.51317	1.18684	0.140416	1
cg16324184	PFKP	0.00464143	0.0337475	0.628448	-1.59122	0.118595	1.37356	1.37356	0.0450747	0.649994	-1.53848	0.888702	0.974108	-1.02658	0.000132476	0.288858	-3.46191	0.424669	1.16503	1.16503	0.208089	1.2823	1.2823	0.407829	0.853323	-1.17189	0.512751	0.883055	-1.13243	7.50684	4.1729	0.494115	1
cg02579140	PFKP	0.00468382	0.795346	0.921839	-1.08479	0.0650621	0.522795	-1.9128	0.00429959	0.302558	-3.30515	0.0414465	0.478892	-2.08815	0.000185118	0.138462	-7.2222	0.116958	0.586706	-1.70443	0.0110672	0.36877	-2.71172	0.500183	1.23896	1.23896	0.107742	0.577209	-1.73248	7.48612	11.623	1.3801	1
cg11624946	PFKP	0.00639342	0.860711	0.964405	-1.03691	0.00059637	0.335036	-2.98475	0.00647673	0.481708	-2.07595	0.681854	1.08878	1.08878	0.196023	1.32598	1.32598	0.165986	0.737241	-1.35641	0.0331839	1.67165	1.67165	0.176741	1.34491	1.34491	0.782488	0.94449	-1.05877	6.80417	4.589	0.599502	1
cg24872610	PFKP	0.006517	0.060389	0.493738	-2.02536	0.00217952	0.238637	-4.19046	0.460219	1.28474	1.28474	0.176819	0.619753	-1.61355	0.0720947	0.512226	-1.95226	0.000810882	0.185757	-5.38337	0.0498016	0.474425	-2.10782	0.175294	1.61662	1.61662	0.034055	0.438512	-2.28044	6.76389	11.8967	1.56342	1
cg12265908	PFKP	0.00870654	0.382679	0.75662	-1.32167	0.00306563	3.53649	3.53649	0.458847	0.790592	-1.26487	0.18746	0.647131	-1.54528	0.00214757	0.261119	-3.82967	0.00809997	0.347749	-2.87564	0.526268	0.818697	-1.22145	0.566605	0.834889	-1.19776	0.436563	0.780938	-1.28051	6.17693	9.4943	1.36627	1
cg05394294	PFKP	0.0106089	0.900538	1.02385	1.02385	0.805013	0.954448	-1.04773	0.785638	0.949911	-1.05273	0.981226	0.995575	-1.00445	0.751542	1.0617	1.0617	0.000546129	0.36332	-2.7524	0.00542088	1.99333	1.99333	0.70216	0.930137	-1.07511	0.160719	0.753957	-1.32634	5.79968	3.2635	0.500181	1
cg19910231	PFKP	0.0114626	0.687102	0.898175	-1.11337	0.0012189	3.50904	3.50904	0.282147	1.34503	1.34503	0.706814	1.10541	1.10541	0.0121734	0.43664	-2.29021	0.474423	0.824538	-1.2128	0.014241	2.2297	2.2297	0.486896	1.20605	1.20605	0.187331	1.44864	1.44864	5.65681	6.30177	0.990235	1
cg14152608	PFKP	0.0125345	0.0218338	0.796833	-1.25497	0.0123837	0.773421	-1.29296	0.0103725	0.76612	-1.30528	0.694619	1.0331	1.0331	0.77077	1.0244	1.0244	0.0609124	0.840021	-1.19045	0.0160542	1.27531	1.27531	0.044613	0.826719	-1.2096	0.119379	0.86982	-1.14966	5.49511	0.592713	0.0958772	1
cg16397968	PFKP	0.01258	0.438578	2.06572	2.06572	0.536629	0.563314	-1.77521	0.000207924	0.00202748	-493.223	0.586542	1.65446	1.65446	0.30971	0.380066	-2.63112	0.321702	0.389883	-2.56487	0.630767	1.55871	1.55871	0.804877	0.797188	-1.25441	0.876712	1.15274	1.15274	6.19746	80.5301	10.1065	1
cg11250692	PFKP	0.018531	0.0988812	0.725316	-1.37871	0.00160334	2.23287	2.23287	0.113533	1.35747	1.35747	0.553101	1.11237	1.11237	0.942961	0.98738	-1.01278	0.838477	1.03689	1.03689	0.00976622	1.78596	1.78596	0.0803932	1.41089	1.41089	0.521102	0.89098	-1.12236	4.82763	2.40852	0.443469	1
cg20327845	PFKP	0.0189075	0.547564	0.632466	-1.58111	0.0692326	0.216498	-4.61898	0.0157404	0.10777	-9.27904	0.0671837	0.21347	-4.68451	0.00848314	0.0797092	-12.5456	0.0920682	0.247604	-4.03871	0.00141362	0.0308626	-32.4017	0.892109	0.902888	-1.10756	0.056551	0.196927	-5.07802	4.79496	43.0327	7.97739	1
cg27520104	PFKP	0.0190883	0.940018	0.963803	-1.03756	0.0890165	2.50646	2.50646	0.649414	1.25133	1.25133	0.594146	0.768372	-1.30145	0.00315205	0.138514	-7.21951	0.00556022	0.167888	-5.95634	0.444856	0.682785	-1.46459	0.318542	1.65708	1.65708	0.059124	0.35205	-2.84051	4.77956	18.1686	3.37894	1
cg22778843	PFKP	0.0199868	0.241633	0.68772	-1.45408	0.0121875	2.59643	2.59643	0.939749	1.02336	1.02336	0.0173721	0.412804	-2.42246	0.183307	0.649692	-1.53919	0.00725433	0.347142	-2.88067	0.627799	1.16094	1.16094	0.749719	1.1027	1.1027	0.0566005	0.517272	-1.93322	4.70562	6.95346	1.3135	1
cg02215776	PFKP	0.0206464	0.78576	0.970553	-1.03034	0.00667986	0.679754	-1.47112	0.00812122	0.689515	-1.45029	0.16941	0.851645	-1.1742	0.00774278	0.687129	-1.45533	0.823791	1.02477	1.02477	0.354043	1.11027	1.11027	0.198002	0.861349	-1.16097	0.0242921	0.744875	-1.34251	4.65391	0.88703	0.169421	1
cg24754223	PFKP	0.0216419	0.801194	1.10905	1.10905	0.00172803	6.25766	6.25766	0.0161477	3.34467	3.34467	0.518709	0.764613	-1.30785	0.071635	0.438161	-2.28227	0.831216	1.09151	1.09151	0.499233	0.754737	-1.32496	0.964668	1.01834	1.01834	0.211106	0.582456	-1.71687	4.57963	12.2063	2.36919	1
cg17370847	PFKP	0.0242724	0.205992	0.896321	-1.11567	0.248688	0.905803	-1.10399	0.149477	1.1352	1.1352	0.432683	1.0679	1.0679	0.275217	0.911067	-1.09761	0.0412267	0.824306	-1.21314	0.0877186	0.85672	-1.16724	0.00217153	0.702585	-1.42332	0.161491	1.13052	1.13052	4.40215	0.469352	0.0947724	1
cg05817774	PFKP	0.0244695	0.807757	0.954481	-1.04769	0.000745174	0.375983	-2.65969	0.117685	0.722735	-1.38363	0.129581	0.731284	-1.36746	0.316889	0.820588	-1.21864	0.494944	0.875958	-1.14161	0.0654063	1.48473	1.48473	0.86037	0.966912	-1.03422	0.607832	0.905817	-1.10398	4.38982	2.53915	0.51415	1
cg17598190	PFKP	0.0267147	0.154115	0.753919	-1.3264	0.522014	0.886791	-1.12766	0.00909914	1.84702	1.84702	0.321738	0.827347	-1.20868	0.127534	0.737061	-1.35674	0.953402	0.989239	-1.01088	0.00386902	2.05538	2.05538	0.887523	1.02655	1.02655	0.656414	1.08643	1.08643	4.25749	2.31142	0.482585	1
cg22667358	PFKP	0.0282931	0.00923727	0.194958	-5.12932	0.499918	1.40334	1.40334	0.736029	0.845836	-1.18226	0.025937	0.270295	-3.69967	0.0122278	0.213388	-4.68629	0.0529949	0.336853	-2.96865	0.643573	0.794083	-1.25931	0.035626	0.29814	-3.35413	0.0201298	0.249787	-4.00341	4.17244	16.1808	3.44713	1
cg18498565	PFKP	0.0292162	0.568311	0.889127	-1.1247	0.0400928	0.616668	-1.62162	0.23313	1.29017	1.29017	0.431238	0.848991	-1.17787	0.020966	1.76127	1.76127	0.244009	0.780052	-1.28197	0.00816297	1.99356	1.99356	0.218692	1.30166	1.30166	0.145137	1.37554	1.37554	4.12537	2.71337	0.584646	1
cg00593048	PFKP	0.0293238	0.406991	0.912469	-1.09593	0.287339	0.887541	-1.12671	0.619655	1.05552	1.05552	0.0153102	0.725062	-1.37919	0.679418	1.0459	1.0459	0.00122913	0.600223	-1.66605	0.116682	0.831873	-1.20211	0.101848	0.824165	-1.21335	0.991975	0.998914	-1.00109	4.12001	0.760944	0.164173	1
cg25978025	PFKP	0.0337333	0.681205	1.09749	1.09749	0.00140846	2.83262	2.83262	0.153516	0.708817	-1.4108	0.0565247	0.614963	-1.62612	0.725719	0.923742	-1.08255	0.277061	1.28993	1.28993	0.874626	0.965064	-1.0362	0.663685	1.10355	1.10355	0.864157	1.03932	1.03932	3.91895	3.1479	0.714002	1
cg14330737	PFKP	0.0344617	0.148879	0.5164	-1.93649	0.237834	0.589867	-1.6953	0.454538	0.722384	-1.38431	0.587197	1.26366	1.26366	0.00172561	0.148269	-6.7445	0.0234806	0.31497	-3.1749	0.0296657	0.335292	-2.98248	0.846342	1.08635	1.08635	0.716829	0.855992	-1.16824	3.88886	11.2242	2.56554	1
cg14250130	PFKP	0.0403131	0.0123104	0.396387	-2.52279	0.0218809	2.26268	2.26268	0.576048	0.845606	-1.18258	0.961005	0.985591	-1.01462	0.0357476	0.484138	-2.06552	0.319653	0.736912	-1.35701	0.225888	1.45866	1.45866	0.347379	0.750339	-1.33273	0.279009	1.39672	1.39672	3.67257	5.1258	1.24062	1
cg27025483	PFKP	0.0410243	0.0708539	0.659679	-1.51589	0.0236405	0.572973	-1.74528	0.0182651	0.554064	-1.80485	0.656696	1.09659	1.09659	0.285175	0.795482	-1.2571	0.00363225	0.444357	-2.25044	0.273114	0.790503	-1.26502	0.959916	0.989694	-1.01041	0.159813	0.733751	-1.36286	3.64894	2.45514	0.598076	1
cg07876051	PFKP	0.0419511	0.675685	1.13373	1.13373	0.052009	0.51714	-1.93371	0.672366	0.880829	-1.13529	0.283421	1.39439	1.39439	0.0137302	0.40296	-2.48163	0.00786671	0.361599	-2.7655	0.496573	0.813895	-1.22866	0.835389	0.939817	-1.06404	0.0321322	0.472962	-2.11434	3.61889	5.10036	1.25277	1
cg10831391	PFKP;PFKP	0.0160833	0.0234585	0.841556	-1.18827	0.243007	0.925095	-1.08097	0.93869	0.99511	-1.00491	0.137275	1.10738	1.10738	0.945506	0.995653	-1.00437	0.289386	1.0726	1.0726	0.000892537	0.728281	-1.3731	0.316691	1.06819	1.06819	0.122112	0.898722	-1.11269	5.06224	0.325612	0.0571749	1
cg06308537	PFN1	0.000125421	6.71E-05	0.412519	-2.42413	0.0407113	1.33177	1.33177	0.0516686	0.764478	-1.30808	0.00412003	0.627138	-1.59454	0.00297223	0.609971	-1.63942	0.243016	0.862302	-1.15969	8.40E-05	0.424094	-2.35797	0.00188494	1.70622	1.70622	0.000979508	0.551847	-1.8121	20.8364	4.85272	0.207019	1
cg13491759	PFN1	0.00061304	0.37065	0.893982	-1.11859	0.0146256	1.44267	1.44267	0.00212727	1.69265	1.69265	0.056108	1.30179	1.30179	0.00367917	0.61962	-1.61389	0.00578161	1.55397	1.55397	0.000122716	2.26369	2.26369	0.0435232	0.753542	-1.32707	0.725511	1.04391	1.04391	13.5026	3.17809	0.209216	1
cg00586275	PFN1	0.0323031	0.0217206	0.643943	-1.55293	0.0603711	0.712954	-1.40262	0.999999	1	-1	0.426648	0.87839	-1.13845	0.0939536	0.74513	-1.34205	0.695507	1.06485	1.06485	0.0942845	1.34157	1.34157	0.0923885	0.743874	-1.34431	0.00506408	0.553215	-1.80762	3.98042	1.60873	0.359255	1
cg00581295	PFN1	0.039156	0.0128048	2.36982	2.36982	0.0760277	0.576392	-1.73493	0.0461305	0.528513	-1.8921	?	?	?	0.329423	1.3243	1.3243	?	?	?	?	?	?	0.591542	1.16319	1.16319	0.9217	1.02782	1.02782	3.93852	3.23854	1.09636	1
cg06554928	PFN1	0.0489785	0.680603	1.07288	1.07288	0.0188972	1.62131	1.62131	0.514068	1.11903	1.11903	0.685509	1.07164	1.07164	0.0141367	1.67308	1.67308	0.493769	0.888596	-1.12537	0.273171	1.21388	1.21388	0.255763	1.2234	1.2234	0.00508939	1.87625	1.87625	3.41479	1.56223	0.406657	1
cg01926595	PFN1;PFN1	0.000427966	0.0123913	0.757386	-1.32033	0.0803516	0.841008	-1.18905	0.000906784	1.55739	1.55739	0.00195006	0.676336	-1.47855	0.0514067	0.820388	-1.21894	0.0140238	0.76279	-1.31098	0.0023151	1.46213	1.46213	0.013361	1.31462	1.31462	0.00416747	1.40883	1.40883	14.9193	1.88285	0.11218	1
cg10685336	PFN2;PFN2	0.000200558	0.987941	0.998354	-1.00165	0.316124	1.11958	1.11958	0.358196	1.10846	1.10846	0.382617	0.90703	-1.1025	0.626811	0.948	-1.05485	0.0830095	0.811248	-1.23267	1.84E-06	0.274432	-3.64389	0.107671	0.825858	-1.21086	0.501625	1.07716	1.07716	18.3573	3.45323	0.167211	1
cg13715862	PFN2;PFN2	0.000913162	0.205818	0.880187	-1.13612	0.174443	0.87098	-1.14813	0.45261	1.07591	1.07591	5.10E-05	0.484048	-2.06591	0.146842	0.861665	-1.16054	0.590112	1.05338	1.05338	0.582588	1.05451	1.05451	0.000160181	0.539733	-1.85277	0.856892	1.01741	1.01741	12.0731	1.74839	0.128726	1
cg05682128	PFN2;PFN2	0.00253018	0.0236331	0.407055	-2.45667	0.703482	0.880557	-1.13564	0.089008	1.86615	1.86615	0.89392	0.956594	-1.04538	0.000486656	0.162269	-6.16262	0.0010585	0.199775	-5.00564	0.00318336	0.261898	-3.81829	0.0212203	0.397979	-2.51269	0.128914	0.579377	-1.72599	9.00019	15.7707	1.55756	1
cg26073427	PFN2;PFN2	0.00360931	0.0105117	0.551509	-1.81321	0.000101271	0.279922	-3.57242	0.0124821	0.562979	-1.77626	0.661856	0.921878	-1.08474	0.110616	1.37897	1.37897	0.464747	0.871514	-1.14743	0.359594	0.84021	-1.19018	0.739868	0.940269	-1.06352	0.109769	0.724527	-1.38021	8.09886	4.38212	0.480959	1
cg03539876	PFN2;PFN2	0.00588381	0.464867	0.89532	-1.11692	0.250627	1.19536	1.19536	0.0189522	1.5256	1.5256	0.91141	0.983591	-1.01668	0.281514	0.846723	-1.18102	0.612662	0.926914	-1.07885	0.000173156	0.387551	-2.58031	0.251702	1.19484	1.19484	0.8	1.03846	1.03846	6.98115	2.44335	0.311105	1
cg24871132	PFN2;PFN2	0.0200657	0.241739	0.866664	-1.15385	0.919414	0.988251	-1.01189	0.196808	1.17277	1.17277	0.0492497	0.769415	-1.29969	0.00135835	0.580913	-1.72143	0.0845686	0.800275	-1.24957	0.381612	0.900504	-1.11049	0.163627	1.1896	1.1896	0.0479059	0.767873	-1.3023	4.69933	1.01514	0.192016	1
cg01287088	PFN3	0.0248555	0.0264469	24.5673	24.5673	0.132102	7.22203	7.22203	0.200962	5.17105	5.17105	0.0887033	9.81952	9.81952	0.0233288	27.0361	27.0361	0.0666997	12.1961	12.1961	0.00221001	184.6	184.6	0.0141817	39.7008	39.7008	0.0330852	20.7232	20.7232	4.36602	102.334	20.8345	1
cg20095656	PFN3	0.0359134	0.0427774	8.06775	8.06775	0.0187085	12.8244	12.8244	0.185344	3.51675	3.51675	0.0915295	5.27836	5.27836	0.031024	9.64901	9.64901	0.047167	7.64127	7.64127	0.0106274	17.7479	17.7479	0.0286749	10.0833	10.0833	0.0176662	13.2488	13.2488	3.83118	48.6409	11.2854	1
cg06847624	PFN3	0.0425194	0.0344253	56.6667	56.6667	0.101526	18.7996	18.7996	0.235261	7.65776	7.65776	0.0696181	27.684	27.684	0.0242669	81.0318	81.0318	0.0489076	39.6491	39.6491	0.00898846	229.613	229.613	0.0223671	88.1208	88.1208	0.0336449	58.0065	58.0065	3.60086	152.728	37.7016	1
cg14621323	PFN3;PFN3	0.00374157	0.00348232	11.4336	11.4336	0.0916165	3.13148	3.13148	0.181597	2.3904	2.3904	0.154565	2.55083	2.55083	0.0130995	6.6262	6.6262	0.0748966	3.38401	3.38401	0.000158162	53.0123	53.0123	0.00619641	8.96617	8.96617	0.0108316	7.14639	7.14639	8.01188	47.9217	5.31673	1
cg06833721	PFN4	0.00102	0.688068	0.945309	-1.05785	0.000111234	0.387825	-2.57848	0.0120648	0.646474	-1.54685	0.115799	1.26899	1.26899	0.866297	1.02376	1.02376	0.00471473	0.592583	-1.68753	0.00598768	1.64975	1.64975	0.0597785	1.34449	1.34449	0.560964	1.08538	1.08538	11.7006	3.59891	0.273407	1
cg18740718	PFN4;LOC375190	0.0120478	0.0539286	0.353325	-2.83025	0.74696	1.1664	1.1664	0.911782	0.94867	-1.05411	0.000273856	0.058755	-17.0198	0.0747328	0.389135	-2.5698	0.610202	0.783132	-1.27692	?	?	?	0.965329	0.979545	-1.02088	0.171962	0.500907	-1.99638	5.67517	18.0618	3.18259	1
cg04076037	PFN4;LOC375190	0.0271385	0.101525	1.32557	1.32557	0.303867	1.18224	1.18224	0.0345572	1.47324	1.47324	0.205265	0.810502	-1.2338	0.00273039	1.91628	1.91628	0.181368	0.800062	-1.2499	0.788676	0.958646	-1.04314	0.217168	1.22645	1.22645	0.0594614	1.39718	1.39718	4.23406	1.65736	0.347943	1
cg09567525	PGA3	5.54E-05	0.00208058	0.450139	-2.22154	1.54E-05	0.171124	-5.84371	1.26E-05	0.162077	-6.16989	?	?	?	?	?	?	0.00180221	0.440813	-2.26853	8.61E-05	0.257671	-3.88092	0.0045603	0.501993	-1.99206	0.257587	0.812987	-1.23003	36.3741	13.2954	0.365518	1
cg23787009	PGA3;PGA3	0.0107154	0.0276332	0.60047	-1.66536	0.00170083	0.415686	-2.40566	0.0039612	0.468164	-2.136	0.0253965	0.594285	-1.68269	0.0102926	0.53085	-1.88377	0.06112	0.66145	-1.51183	0.0141669	0.552764	-1.80909	0.0717748	0.67454	-1.48249	0.631412	0.909674	-1.0993	5.78109	3.51224	0.540035	1
cg10037680	PGA5	0.00146595	0.485133	0.805876	-1.24089	0.000678264	0.205886	-4.85705	0.0157243	0.406316	-2.46114	0.233067	0.683564	-1.46292	0.000304011	0.167665	-5.96426	0.0412976	0.488624	-2.04656	0.000182025	0.145725	-6.86225	0.0559501	0.517479	-1.93245	0.210352	0.669244	-1.49422	10.5491	15.4663	1.30323	1
cg19093875	PGAM1	0.000359499	0.0423112	0.811174	-1.23278	0.00956182	0.745554	-1.34128	0.00166685	0.668719	-1.4954	7.99E-05	0.528623	-1.89171	0.000121465	0.548501	-1.82315	0.161308	1.14323	1.14323	0.0375227	1.24104	1.24104	0.468329	1.06825	1.06825	0.146448	0.869811	-1.14968	15.6536	1.98503	0.11272	1
cg18268492	PGAM1	0.00143359	0.867591	1.01549	1.01549	0.0114771	0.747284	-1.33818	0.28429	0.902617	-1.10789	0.241558	0.893226	-1.11954	0.0047255	0.70771	-1.41301	0.544221	1.05817	1.05817	4.87E-05	0.494905	-2.02059	0.101089	0.847564	-1.17985	0.042191	1.24059	1.24059	10.617	1.4267	0.119448	1
cg11940177	PGAM1	0.00386757	0.00072143	0.224887	-4.44668	0.0491655	0.521374	-1.91801	0.333411	1.3356	1.3356	0.559647	1.18661	1.18661	0.00995649	0.389036	-2.57045	0.164561	0.65045	-1.5374	0.000523862	0.20848	-4.79663	0.36626	0.763972	-1.30895	0.0528424	0.52819	-1.89326	7.93251	10.5686	1.18428	1
cg02660350	PGAM1	0.00758285	0.180768	0.767018	-1.30375	0.00185374	0.438387	-2.28109	0.678686	0.925193	-1.08086	0.028495	0.617252	-1.62008	0.215362	0.783953	-1.27559	0.245864	1.25424	1.25424	0.00920342	0.539476	-1.85365	0.0132142	1.77411	1.77411	0.0695237	0.6846	-1.46071	6.45176	3.55979	0.490449	1
cg23923462	PGAM1	0.0223374	0.696181	1.03718	1.03718	0.0120768	1.33796	1.33796	0.0402085	1.24673	1.24673	0.91306	0.989891	-1.01021	0.0860244	1.19301	1.19301	0.743946	0.969969	-1.03096	0.0238041	1.28526	1.28526	0.0137116	1.32782	1.32782	0.00436615	1.42507	1.42507	4.53021	0.62096	0.121841	1
cg21448875	PGAM2	0.0205958	0.00233332	0.227182	-4.40176	0.401662	1.34894	1.34894	0.179222	1.64463	1.64463	0.182125	0.610294	-1.63855	0.00543159	0.279249	-3.58103	0.721846	0.882809	-1.13275	0.686875	0.868224	-1.15178	0.390744	0.735904	-1.35887	0.0559064	0.469919	-2.12803	4.65781	8.96992	1.71181	1
cg17507888	PGAM4;ATP7A	7.45E-08	0.0760945	1.15189	1.15189	7.02E-09	0.17626	-5.67342	1.06E-05	0.509608	-1.96229	0.055401	1.16831	1.16831	6.42E-08	0.269643	-3.7086	0.0958327	1.14002	1.14002	2.69E-06	2.24526	2.24526	0.551132	0.957716	-1.04415	0.00777461	0.782818	-1.27744	141.742	11.522	0.0722564	1
cg21027474	PGAM5;PGAM5	0.0166744	0.230045	0.647052	-1.54547	0.920262	0.965978	-1.03522	0.293172	0.685937	-1.45786	0.265332	0.669461	-1.49374	0.11293	0.550767	-1.81565	0.00903941	0.317551	-3.1491	0.0553491	0.471976	-2.11875	0.286741	0.682212	-1.46582	0.000431032	0.145846	-6.85654	5.0017	9.46658	1.68238	1
cg19386169	PGAM5;PGAM5	0.0444636	0.90906	1.0253	1.0253	0.468336	1.17511	1.17511	0.158001	1.3911	1.3911	0.992958	1.00193	1.00193	0.00274744	0.405054	-2.46881	0.573833	0.883138	-1.13233	0.858846	1.0397	1.0397	0.492682	0.85867	-1.16459	0.0194416	0.539105	-1.85493	3.54138	2.68231	0.673262	1
cg00437192	PGAM5;PGAM5;PGAM5	0.0016471	0.000214613	0.263855	-3.78996	0.475578	1.16932	1.16932	0.189158	1.34974	1.34974	0.000202563	0.260881	-3.83316	0.741301	0.931063	-1.07404	0.0481221	0.614458	-1.62745	0.199996	0.746845	-1.33897	0.709847	1.08391	1.08391	0.0408414	0.601108	-1.66359	10.2006	7.50993	0.654422	1
cg19245612	PGAM5;PGAM5;PGAM5	0.00302366	0.539508	0.877889	-1.1391	0.0391758	1.64932	1.64932	0.854228	1.03931	1.03931	0.353502	0.818612	-1.22158	0.000870287	0.350892	-2.84988	0.0146143	0.532373	-1.87838	0.00133468	0.376117	-2.65875	0.0262384	1.73806	1.73806	0.460392	0.854216	-1.17066	8.5382	5.94393	0.618806	1
cg19967846	PGAM5;PGAM5;PGAM5	0.00873762	0.846144	0.967197	-1.03392	0.0455238	0.674537	-1.4825	0.0206552	0.619718	-1.61364	0.71629	1.06467	1.06467	0.056186	0.689841	-1.44961	0.000265094	0.357572	-2.79664	0.645041	0.92345	-1.0829	0.524885	0.895276	-1.11697	0.0151009	0.59891	-1.6697	6.16997	2.88039	0.41497	1
cg20785344	PGAM5;PGAM5;PGAM5	0.0147785	0.0481097	3.67137	3.67137	0.0985209	2.81827	2.81827	0.0231911	4.82664	4.82664	0.0160125	0.179619	-5.56734	?	?	?	0.11274	0.373005	-2.68093	0.0124921	0.162906	-6.1385	0.927174	1.05289	1.05289	0.640026	1.30449	1.30449	5.95174	26.0672	3.8323	1
cg22316029	PGAM5;PGAM5;PGAM5	0.0318622	0.00112611	0.426136	-2.34667	0.744555	0.943488	-1.0599	0.587219	1.10244	1.10244	0.512165	1.12556	1.12556	0.849281	1.03443	1.03443	0.144341	0.75653	-1.32182	0.179189	0.775786	-1.28901	0.091932	0.718845	-1.39112	0.228728	1.25202	1.25202	4.00005	2.00555	0.445671	1
cg09802308	PGAM5;PGAM5;PGAM5	0.0476896	0.197363	0.729193	-1.37138	0.00525017	0.426062	-2.34708	0.0204191	1.91092	1.91092	0.745264	0.927232	-1.07848	0.746155	0.927488	-1.07818	0.147238	0.697365	-1.43397	0.365963	1.24019	1.24019	0.948183	1.01518	1.01518	0.487448	0.849168	-1.17762	3.44941	2.93425	0.756136	1
cg23720379	PGAP1	0.000983917	0.0561602	1.1486	1.1486	0.368431	1.06096	1.06096	0.00181992	1.32827	1.32827	0.0133982	1.21674	1.21674	0.000944467	1.37141	1.37141	0.00593012	0.79412	-1.25926	0.00516884	0.789397	-1.26679	0.0435977	0.861901	-1.16023	0.170993	1.09787	1.09787	11.8207	0.768123	0.0577609	1
cg10308445	PGAP1	0.00750437	0.0310885	0.574428	-1.74086	0.0884856	0.662513	-1.5094	0.870471	0.96488	-1.0364	0.00321765	0.414461	-2.41277	0.0274092	0.56461	-1.77113	0.050424	0.613547	-1.62987	0.000343663	0.282955	-3.53413	0.818922	0.951005	-1.05152	0.119744	0.690862	-1.44747	6.47283	4.92011	0.675661	1
cg11197066	PGAP1	0.049818	0.168233	0.754084	-1.32611	0.0088559	1.89728	1.89728	0.347888	1.20415	1.20415	0.40348	1.1786	1.1786	0.569387	0.895361	-1.11687	0.360032	1.19827	1.19827	0.0262356	0.602419	-1.65997	0.181398	0.761312	-1.31352	0.395705	0.84604	-1.18198	3.39283	1.98533	0.520137	1
cg20913732	PGAP1;PGAP1	0.0275448	0.0327594	0.226293	-4.41905	0.799154	0.866678	-1.15383	0.37208	1.68003	1.68003	0.305878	0.547695	-1.82583	?	?	?	0.0684705	0.303402	-3.29596	?	?	?	0.185443	2.23546	2.23546	0.00347996	0.0816763	-12.2435	5.46655	20.1678	3.16226	1
cg08098619	PGAP2;NUP98;PGAP2;NUP98;NUP98;NUP98;PGAP2;NUP98;PGAP2;NUP98;NUP98;PGAP2;NUP98	0.0145765	0.000575751	0.152173	-6.57147	0.907323	1.04201	1.04201	0.598246	0.828699	-1.20671	0.121332	0.552366	-1.81039	0.901776	1.0446	1.0446	0.223315	1.57167	1.57167	0.0659995	0.48247	-2.07267	0.900004	1.04542	1.04542	0.0649985	2.07965	2.07965	5.22993	10.3431	1.75794	1
cg25728723	PGAP2;NUP98;PGAP2;PGAP2;NUP98;NUP98;NUP98;PGAP2;NUP98;NUP98;NUP98;PGAP2;NUP98	0.000317672	0.000634583	0.350025	-2.85694	0.639858	1.09884	1.09884	0.036947	0.615922	-1.62358	0.0913895	1.45039	1.45039	0.0183612	0.564207	-1.7724	0.120015	1.40123	1.40123	1.34E-05	0.161619	-6.1874	0.65821	0.914801	-1.09313	0.101868	1.43069	1.43069	16.1943	10.2606	0.563198	1
cg16130454	PGAP2;NUP98;PGAP2;PGAP2;NUP98;NUP98;NUP98;PGAP2;NUP98;NUP98;NUP98;PGAP2;NUP98	0.0279017	0.344221	1.35787	1.35787	0.171075	1.58029	1.58029	0.830792	1.0695	1.0695	0.819832	0.930875	-1.07426	0.00276659	0.27362	-3.6547	0.10325	0.571456	-1.74992	0.0212877	2.38477	2.38477	0.549455	0.826821	-1.20945	0.480751	1.25238	1.25238	4.19297	6.54694	1.38792	1
cg21245372	PGAP2;PGAP2;NUP98;PGAP2;PGAP2;NUP98;NUP98;NUP98;PGAP2	0.00289854	0.858515	0.955952	-1.04608	0.720536	1.09493	1.09493	0.0224352	1.99457	1.99457	0.000129505	5.35937	5.35937	0.0324204	0.531402	-1.88182	0.127988	1.515	1.515	0.186861	0.702428	-1.42363	0.0146319	2.13592	2.13592	0.299225	1.31208	1.31208	8.64595	8.72697	0.897219	1
cg21743649	PGAP2;PGAP2;NUP98;PGAP2;PGAP2;NUP98;NUP98;NUP98;PGAP2	0.00367922	0.513581	0.893945	-1.11864	0.00327364	1.97052	1.97052	0.00200155	2.092	2.092	0.077346	1.39415	1.39415	0.0275196	0.643314	-1.55445	0.0275372	1.55435	1.55435	0.639035	1.08323	1.08323	0.149015	1.29937	1.29937	0.0121835	0.589406	-1.69662	8.0524	3.65214	0.403153	1
cg16204216	PGAP2;PGAP2;PGAP2;NUP98;PGAP2;NUP98;NUP98;NUP98;PGAP2	0.00200682	0.0302964	0.625825	-1.59789	0.00103281	2.44644	2.44644	0.00427411	2.02072	2.02072	0.0937878	0.712382	-1.40374	0.0321071	0.630009	-1.58728	0.775531	0.948745	-1.05402	0.00297905	0.47239	-2.1169	0.813525	1.04445	1.04445	0.108838	0.724811	-1.37967	9.63234	5.16712	0.476831	1
cg09649135	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.00565975	0.124395	0.777788	-1.2857	0.0294653	0.678898	-1.47298	0.0172081	0.645046	-1.55028	0.0858899	1.33201	1.33201	0.0108311	1.62153	1.62153	0.00651086	0.586196	-1.70591	0.0155924	1.56506	1.56506	0.422089	0.883498	-1.13186	0.456782	1.12128	1.12128	7.06512	2.55289	0.321188	1
cg01105073	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.00119731	2.85E-05	0.26039	-3.84039	0.00875404	1.72712	1.72712	0.381486	0.863395	-1.15822	0.4151	1.14604	1.14604	0.33069	0.848533	-1.1785	0.313514	1.18599	1.18599	0.951123	0.990019	-1.01008	0.106466	0.749422	-1.33436	0.0799277	0.727631	-1.37432	11.1789	4.741	0.376979	1
cg14979593	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.00524398	0.00298256	0.435297	-2.29728	0.0117974	1.90026	1.90026	0.0070413	2.0364	2.0364	0.382861	1.20044	1.20044	0.236747	0.77641	-1.28798	0.14411	1.37761	1.37761	0.0813564	0.674076	-1.48351	0.282346	1.25617	1.25617	0.0288791	0.59096	-1.69216	7.23248	4.77394	0.586729	1
cg09588815	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.00708277	0.322588	0.81233	-1.23103	0.340556	1.22115	1.22115	0.398755	0.838835	-1.19213	0.474299	0.862413	-1.15954	0.000234909	0.28925	-3.45722	0.113833	0.704728	-1.41899	0.118883	1.41103	1.41103	0.164278	1.35239	1.35239	0.0371799	0.611345	-1.63574	6.59091	4.31944	0.582545	1
cg06245997	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.0085814	0.541662	0.821525	-1.21725	0.00359191	0.285148	-3.50695	0.00356522	3.51278	3.51278	0.283932	0.701714	-1.42508	0.772821	1.09648	1.09648	0.575896	0.835406	-1.19702	0.00434506	0.297399	-3.36249	0.387819	1.32532	1.32532	0.885914	1.04674	1.04674	6.20529	9.9514	1.42551	1
cg20042248	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.014666	0.321331	0.618029	-1.61805	0.691788	0.829326	-1.2058	0.000483764	13.0669	13.0669	0.231061	0.554308	-1.80405	0.0396675	0.327175	-3.05647	0.818686	1.11387	1.11387	0.946767	0.969126	-1.03186	0.295217	1.66502	1.66502	0.676416	0.821081	-1.21791	5.21939	18.2345	3.10543	1
cg13839293	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.0207364	0.190218	0.525729	-1.90212	0.792171	0.884803	-1.1302	0.001353	8.64402	8.64402	0.188373	0.524153	-1.90784	0.47362	0.713349	-1.40184	0.0212144	0.276963	-3.61059	0.177889	0.515023	-1.94166	0.828549	1.10574	1.10574	0.715666	0.844046	-1.18477	4.64701	15.8091	3.024	1
cg10580903	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.0351092	0.978757	1.01442	1.01442	0.591472	0.747296	-1.33816	0.636635	1.29156	1.29156	0.209115	2.03769	2.03769	0.00160965	0.0878773	-11.3795	0.291843	1.80045	1.80045	0.436631	1.53214	1.53214	0.740263	0.836217	-1.19586	0.0399161	0.278901	-3.58551	3.86277	17.6847	4.06954	1
cg25455598	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.00962163	0.759868	1.05599	1.05599	0.228002	0.79864	-1.25213	0.00170133	2.21746	2.21746	0.824234	1.04032	1.04032	0.0118131	1.74828	1.74828	0.0266984	0.627157	-1.5945	0.429311	1.15415	1.15415	0.127946	0.746447	-1.33968	0.082781	0.710801	-1.40686	5.98388	2.99228	0.444496	1
cg07192240	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.0267741	0.589989	1.07854	1.07854	0.689192	1.05747	1.05747	0.000996422	1.97296	1.97296	0.155526	0.809587	-1.2352	0.177922	0.819568	-1.22015	0.476292	0.904232	-1.10591	0.0932913	1.29252	1.29252	0.465829	1.10866	1.10866	0.330969	1.14961	1.14961	4.25418	1.30164	0.271972	1
cg05869169	PGAP3	0.000118524	0.882158	1.02206	1.02206	0.0188097	0.657894	-1.52	0.0531591	0.723821	-1.38156	0.253544	1.19175	1.19175	0.74699	1.04877	1.04877	0.049597	0.719249	-1.39034	0.00135441	0.504335	-1.98281	1.55E-06	0.167631	-5.9655	0.893043	1.01999	1.01999	21.1552	7.2513	0.304682	1
cg19758448	PGAP3	0.00355889	0.0341293	0.353946	-2.82529	0.92325	0.960328	-1.04131	0.90683	0.952006	-1.05041	0.825284	0.911305	-1.09733	0.00171996	0.152695	-6.549	0.00230131	0.16703	-5.98694	0.000510269	0.102275	-9.77757	0.00588501	0.220031	-4.54481	0.477502	0.738307	-1.35445	8.13308	22.7312	2.48437	1
cg27300230	PGAP3;ERBB2	0.0366157	0.216111	0.735324	-1.35995	0.823563	1.05416	1.05416	0.51668	0.856169	-1.16799	0.683089	0.907606	-1.1018	0.543013	1.15652	1.15652	0.00309101	0.384331	-2.60192	0.86569	1.04079	1.04079	0.00725929	0.441326	-2.2659	0.295339	1.29216	1.29216	3.8043	3.36094	0.785294	1
cg23906291	PGAP3;ERBB2	0.0407231	0.389453	1.19352	1.19352	0.966417	0.99159	-1.00848	0.039904	0.62099	-1.61033	0.0128091	1.85921	1.85921	0.345804	1.21502	1.21502	0.950551	0.987637	-1.01252	0.022075	0.576576	-1.73438	0.101252	0.697701	-1.43328	0.592771	1.11437	1.11437	3.65888	2.33174	0.566473	1
cg10394385	PGAP3;PGAP3;ERBB2	0.0183587	0.0252519	0.807405	-1.23854	0.0206842	0.799297	-1.2511	0.148249	0.882762	-1.13281	0.196124	0.895914	-1.11618	0.584293	1.04543	1.04543	0.0500561	1.19681	1.19681	0.0820791	1.16754	1.16754	0.125148	1.14278	1.14278	0.0356014	1.21736	1.21736	4.84285	0.495889	0.0910187	1
cg14242556	PGBD1	0.00128104	0.160449	0.648618	-1.54174	0.0436052	0.51179	-1.95393	0.00667252	0.361977	-2.76261	0.0795283	0.570121	-1.75401	0.000971255	0.242362	-4.12606	0.000171065	0.158138	-6.32359	0.000508327	0.208462	-4.79704	0.256282	1.40794	1.40794	0.105271	0.599895	-1.66696	10.9651	14.4764	1.17354	1
cg08972843	PGBD1	0.0242488	0.0156411	0.444002	-2.25224	0.184427	0.679966	-1.47066	0.0350587	0.51028	-1.95971	0.27534	0.732767	-1.36469	0.000849176	0.253118	-3.95073	0.0736127	0.579005	-1.7271	0.140436	0.647594	-1.54418	0.0741274	0.579695	-1.72505	0.202751	0.691829	-1.44544	4.40363	5.23525	1.05675	1
cg11259833	PGBD1	0.0305555	0.450085	1.50001	1.50001	0.420597	1.54265	1.54265	0.270835	1.82943	1.82943	0.115048	0.405438	-2.46647	0.00468386	0.137986	-7.24709	0.00867852	0.171637	-5.82625	0.639457	0.779906	-1.28221	0.710591	1.21698	1.21698	0.302177	1.75618	1.75618	4.06026	17.8495	3.90768	1
cg06314658	PGBD1;PGBD1	0.00621279	0.0412068	0.717074	-1.39456	0.584613	0.925008	-1.08107	0.041266	1.39438	1.39438	0.074102	0.754985	-1.32453	0.0443043	0.721647	-1.38572	0.000419117	0.453951	-2.20288	0.0875078	1.30521	1.30521	0.293129	0.857271	-1.16649	0.138645	0.798429	-1.25246	6.86482	2.16799	0.280721	1
cg20029652	PGBD1;PGBD1	0.00914576	0.0348514	0.697148	-1.43441	0.326872	1.16006	1.16006	0.0857956	1.32117	1.32117	0.0372766	1.42563	1.42563	0.343118	1.15404	1.15404	0.484251	1.1099	1.1099	0.000728429	0.470704	-2.12448	0.603753	0.926069	-1.07983	0.223902	1.20614	1.20614	6.08127	2.07243	0.302923	1
cg03131272	PGBD2;PGBD2	0.000752094	0.530804	0.8652	-1.1558	0.00766881	2.18475	2.18475	0.111412	1.48503	1.48503	0.008747	2.14187	2.14187	0.619201	1.12104	1.12104	0.123304	1.46332	1.46332	0.00010394	0.20906	-4.78333	0.166716	0.714459	-1.39966	0.00207497	0.372061	-2.68773	12.7516	10.5034	0.732171	1
cg11949328	PGBD2;PGBD2	0.00241521	0.1923	0.760201	-1.31544	0.0159402	0.556358	-1.7974	0.0154626	0.554216	-1.80435	0.0110638	1.88329	1.88329	0.000373148	0.32278	-3.09809	0.161463	0.742994	-1.34591	0.00371568	0.459016	-2.17858	0.294528	0.805744	-1.24109	0.0127534	0.540774	-1.8492	9.12415	5.70347	0.555641	1
cg26256999	PGBD2;PGBD2	0.00604642	0.650241	1.08624	1.08624	0.205955	0.785226	-1.27352	0.473948	0.87636	-1.14108	0.89439	0.976218	-1.02436	0.000200136	0.322575	-3.10005	0.0151344	0.582244	-1.71749	0.0050224	0.510367	-1.95938	0.454152	0.870945	-1.14818	0.042569	0.654978	-1.52677	6.92267	3.60081	0.462353	1
cg01438286	PGBD2;PGBD2	0.0167495	0.00318967	0.13915	-7.18647	0.071759	0.37356	-2.67695	0.927133	1.04582	1.04582	0.0569937	0.348228	-2.87168	0.00326725	0.14031	-7.12706	0.0771205	0.38188	-2.61862	0.00748046	0.18516	-5.40074	0.252837	0.557113	-1.79497	0.695969	0.825021	-1.21209	4.9942	18.9752	3.37729	1
cg00512023	PGBD4	0.00881606	0.286727	0.910618	-1.09816	0.177786	1.12886	1.12886	0.0232936	0.794949	-1.25794	0.935617	1.00686	1.00686	0.00566983	1.35957	1.35957	0.0488448	1.20973	1.20973	0.00206111	1.44391	1.44391	0.21816	0.89616	-1.11587	0.788948	1.02297	1.02297	6.15253	0.698044	0.10085	1
cg17267720	PGBD4	0.0250431	0.900593	0.97275	-1.02801	0.517653	1.15606	1.15606	0.00233831	0.390911	-2.55813	0.0271279	0.560857	-1.78299	0.0222993	0.545808	-1.83215	0.170375	0.724114	-1.381	0.217056	0.750407	-1.33261	0.0148038	0.515328	-1.94051	0.150361	0.711172	-1.40613	4.35462	3.37101	0.68811	1
cg07709681	PGBD4;C15orf24	0.00010864	3.28E-05	0.261007	-3.83132	0.136678	1.30604	1.30604	0.912734	0.98191	-1.01842	0.0622324	1.41844	1.41844	0.102637	1.34636	1.34636	7.30E-06	0.192631	-5.19128	0.0527099	0.692986	-1.44303	0.277376	0.828512	-1.20698	0.125857	0.758951	-1.31761	21.6548	9.51107	0.390411	1
cg01670875	PGBD4;C15orf24	0.00058858	0.259012	0.705488	-1.41746	0.374556	0.763371	-1.30998	0.256181	1.42067	1.42067	3.33E-05	0.0921331	-10.8539	0.74773	1.10032	1.10032	0.000789228	0.222503	-4.49431	0.749198	1.09968	1.09968	0.0210833	2.27462	2.27462	0.0399127	2.02101	2.02101	13.6569	18.9829	1.23555	1
cg18099844	PGBD4;C15orf24	0.0012437	0.134219	0.865098	-1.15594	0.00111496	1.53858	1.53858	0.00209444	1.47461	1.47461	0.181563	1.1357	1.1357	0.603861	1.04809	1.04809	0.00919062	1.3455	1.3455	0.0227227	0.782957	-1.27721	0.000679068	1.59361	1.59361	0.00842124	1.35247	1.35247	11.0582	1.41006	0.113344	1
cg21484964	PGBD4;C15orf24	0.00324482	0.771979	0.954958	-1.04717	0.28302	1.19355	1.19355	0.648949	1.0754	1.0754	0.827136	1.0353	1.0353	0.505751	1.11305	1.11305	0.0471012	0.697401	-1.43389	6.19E-05	0.309904	-3.22681	0.089288	1.34607	1.34607	0.893766	1.02142	1.02142	8.36073	3.33136	0.354181	1
cg15287024	PGBD4;C15orf24	0.00604245	0.407896	1.25477	1.25477	0.105976	1.60539	1.60539	0.0247149	2.04809	2.04809	0.0204671	2.11432	2.11432	0.041523	0.532517	-1.87787	0.000839697	0.260074	-3.84506	0.496195	0.830908	-1.2035	0.216253	1.41746	1.41746	0.271936	1.35879	1.35879	6.92407	7.882	1.01187	1
cg02711188	PGBD4;C15orf24	0.00751879	0.24385	1.09472	1.09472	0.466661	1.05651	1.05651	0.0260918	1.21645	1.21645	0.240581	0.912848	-1.09547	0.192607	1.10777	1.10777	0.326341	0.92755	-1.07811	0.000282624	0.643803	-1.55327	0.290393	0.921793	-1.08484	0.770964	0.978569	-1.0219	6.46894	0.564335	0.0775446	1
cg10877049	PGBD5	0.0147469	0.95927	0.986304	-1.01389	0.149694	1.51754	1.51754	0.0938732	1.64454	1.64454	0.516924	1.19416	1.19416	0.656865	0.886267	-1.12833	0.360661	1.28887	1.28887	0.00178213	3.32326	3.32326	0.00102162	3.72463	3.72463	0.30254	1.3343	1.3343	5.20992	6.01695	1.02658	1
cg11336535	PGBD5	0.0241382	0.730267	0.944563	-1.05869	0.131296	0.764549	-1.30796	0.144471	0.772349	-1.29475	0.144561	0.7724	-1.29467	0.98221	0.996333	-1.00368	0.375037	1.16188	1.16188	0.000908445	2.26503	2.26503	0.753562	0.949424	-1.05327	0.568826	0.909465	-1.09955	4.41062	1.89694	0.382298	1
cg11226042	PGBD5	0.0252013	0.0437542	0.510354	-1.95942	0.0415794	1.97751	1.97751	0.147602	1.56968	1.56968	0.0916922	1.71409	1.71409	0.0209204	0.446445	-2.23992	0.265775	1.40007	1.40007	0.0181876	2.29822	2.29822	0.80033	1.07632	1.07632	0.725263	0.902675	-1.10782	4.34509	5.79529	1.18556	1
cg11825002	PGBD5	0.0280152	0.121396	2.35386	2.35386	0.0116247	4.99239	4.99239	0.0817598	2.67318	2.67318	0.115579	2.3917	2.3917	0.0193614	0.236564	-4.22719	0.123981	2.33776	2.33776	0.284615	0.567455	-1.76226	0.098221	2.52069	2.52069	0.170262	2.10544	2.10544	4.18698	17.2316	3.65825	1
cg01671575	PGBD5	0.0296259	0.757259	0.906931	-1.10262	0.00765005	2.94554	2.94554	0.00674953	3.024	3.024	0.352015	1.35227	1.35227	0.371763	0.749043	-1.33504	0.612828	1.17444	1.17444	0.0778014	1.8544	1.8544	0.0115807	2.70381	2.70381	0.719552	1.12031	1.12031	4.10507	6.45499	1.39773	1
cg03217880	PGBD5	0.0333844	0.0295732	0.426568	-2.34429	0.0324584	0.434888	-2.29944	0.0186299	0.38728	-2.58211	0.740672	1.11679	1.11679	0.0181243	0.38504	-2.59713	0.02476	0.411081	-2.43261	0.0151588	0.370743	-2.69729	0.931038	0.971624	-1.0292	0.373936	0.738202	-1.35464	3.93364	6.89099	1.55716	1
cg20699340	PGBD5	0.0469897	0.652792	0.792951	-1.26111	0.0528433	3.08759	3.08759	0.722238	1.20063	1.20063	0.135056	2.28256	2.28256	0.0158547	0.220094	-4.54352	0.29592	0.573941	-1.74234	0.0409231	0.298581	-3.34918	0.110082	2.44044	2.44044	0.634379	0.782367	-1.27817	3.4687	14.4172	3.69454	1
cg17532618	PGC	0.00148858	0.00588869	0.260413	-3.84006	0.32961	0.686841	-1.45594	0.0100071	0.296976	-3.36728	0.881091	1.05748	1.05748	0.000209543	0.0987241	-10.1292	0.447807	0.749121	-1.3349	0.000141517	0.0861664	-11.6055	0.0320134	0.391403	-2.55491	0.278936	0.656838	-1.52245	10.5027	23.1892	1.96261	1
cg03991152	PGC;PGC	0.0011783	0.0955203	0.645342	-1.54957	0.000290916	0.243411	-4.10828	0.00662252	0.430426	-2.32328	0.733553	0.921531	-1.08515	9.00E-05	0.187245	-5.34059	0.0797113	0.628056	-1.59222	0.62991	0.890367	-1.12313	0.100598	0.650402	-1.53751	0.00181481	0.346302	-2.88766	11.2301	10.1739	0.805289	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07709210	PGC;PGC	0.0101397	0.0247458	0.215196	-4.64693	0.00303674	0.0969217	-10.3176	0.03295	0.23851	-4.1927	0.171014	0.432731	-2.3109	0.00567286	0.12427	-8.04699	0.0208023	0.202104	-4.94796	0.00211879	0.0835287	-11.9719	0.0621713	0.299214	-3.34209	0.02896	0.227723	-4.3913	5.88443	30.7756	4.64889	1
cg17391877	PGC;PGC	0.0112205	0.439269	0.775486	-1.28951	0.011559	0.361353	-2.76738	0.00463687	0.297015	-3.36683	0.66063	1.15305	1.15305	0.00417445	0.290166	-3.4463	0.00708818	0.325804	-3.06933	0.0348344	0.452566	-2.20962	0.0364834	0.456785	-2.18921	0.0296399	0.438115	-2.28251	5.69594	9.37268	1.46267	1
cg12855851	PGC;PGC	0.0258051	0.263323	1.20341	1.20341	0.403496	0.873068	-1.14539	0.229638	0.818608	-1.22159	0.0095066	1.68481	1.68481	0.00570673	0.562387	-1.77814	0.163842	0.789848	-1.26607	0.138651	1.28804	1.28804	0.772823	1.04703	1.04703	0.557176	1.09886	1.09886	4.30938	1.72082	0.35495	1
cg03453309	PGC;PGC	0.0424698	0.904689	0.980945	-1.01942	0.138772	0.774195	-1.29166	0.00645971	0.566231	-1.76606	0.674343	0.934378	-1.07023	0.106863	0.753726	-1.32674	0.242894	0.821792	-1.21685	0.0213308	0.641244	-1.55947	0.00781222	0.577875	-1.73048	0.803829	1.04078	1.04078	3.60243	1.47167	0.36313	1
cg05038436	PGCP	7.41E-06	0.00847798	0.735747	-1.35916	0.187326	0.880194	-1.13611	1.37E-05	0.435943	-2.29388	1.16E-07	0.212571	-4.70432	0.000120498	0.541404	-1.84705	0.0205851	0.775154	-1.29007	0.224775	0.890088	-1.12348	0.0123003	0.752241	-1.32936	0.0015593	0.660211	-1.51467	43.8446	5.79037	0.117392	1
cg23205034	PGCP	0.000167562	0.00716999	0.43969	-2.27433	0.00230959	0.36506	-2.73928	4.85E-05	0.163837	-6.10361	0.0767137	0.627522	-1.59357	0.00010867	0.199066	-5.02347	0.00728606	0.440805	-2.26858	0.000102423	0.196356	-5.09278	0.00140751	0.334734	-2.98745	0.000143719	0.212125	-4.7142	19.2724	17.0998	0.788682	1
cg06542559	PGCP	0.000214643	0.288423	0.740451	-1.35053	0.0112086	0.420423	-2.37856	0.00769902	0.39311	-2.54381	0.000633752	0.23899	-4.18428	2.03E-05	0.0954871	-10.4726	0.00132515	0.27993	-3.57232	0.000130865	0.163567	-6.1137	0.0382601	0.519575	-1.92465	0.000290353	0.199618	-5.00957	18.0223	21.2206	1.04663	1
cg18145431	PGCP	0.000725991	0.931607	1.01348	1.01348	0.0530558	1.40904	1.40904	0.0358019	1.46379	1.46379	0.000746647	0.450122	-2.22162	0.000523479	0.430255	-2.3242	0.672356	1.06861	1.06861	0.00084637	2.18729	2.18729	0.928005	1.0142	1.0142	0.0281982	1.49819	1.49819	12.8786	4.9634	0.342576	1
cg17174400	PGCP	0.00106718	0.605156	1.05468	1.05468	0.0361972	0.779872	-1.28226	0.000167808	0.520041	-1.92292	0.151589	0.854854	-1.16979	0.727016	0.964858	-1.03642	0.958582	1.00532	1.00532	0.000478502	1.74978	1.74978	0.276727	1.12241	1.12241	0.0138178	0.733014	-1.36423	11.5513	1.90612	0.146678	1
cg08680528	PGCP	0.00124812	0.231325	0.723716	-1.38176	0.174719	0.689501	-1.45032	0.00234002	0.334852	-2.9864	0.0239063	0.499529	-2.00189	4.04E-05	0.132855	-7.52701	0.0350442	0.53125	-1.88235	0.0031066	0.3528	-2.83447	0.170238	0.686473	-1.45672	0.00230082	0.333798	-2.99582	11.047	11.6055	0.933831	1
cg17185622	PGCP	0.00318899	0.382647	0.76924	-1.29998	0.69338	0.89037	-1.12313	0.00177562	0.271445	-3.68399	0.000562574	0.208706	-4.79144	0.012183	0.400354	-2.49779	0.15841	0.642865	-1.55554	0.000583341	0.210535	-4.7498	0.512941	0.823298	-1.21463	0.0296773	0.472354	-2.11706	8.40408	11.4291	1.20884	1
cg07580620	PGCP	0.00428017	0.581846	1.13749	1.13749	0.205623	1.36243	1.36243	0.0619995	0.614634	-1.62698	0.0009014	0.316457	-3.15999	0.000343646	0.263222	-3.79907	0.601746	0.885183	-1.12971	0.582714	0.879395	-1.13715	0.467567	1.18674	1.18674	0.187984	0.723871	-1.38146	7.69359	6.53682	0.755241	1
cg08247527	PGCP	0.0099519	0.0135304	0.462265	-2.16326	0.0580102	0.582179	-1.71768	0.00166016	0.321073	-3.11456	0.00408539	0.377991	-2.64557	0.62205	0.882105	-1.13365	0.0138832	0.464199	-2.15425	0.499464	1.18896	1.18896	0.636544	0.886768	-1.12769	0.0257308	0.512357	-1.95177	5.91974	5.97588	0.897318	1
cg17477700	PGCP	0.0141266	0.0297447	0.317142	-3.15316	0.147777	0.498006	-2.00801	0.0098083	0.230927	-4.33038	0.0288382	0.314401	-3.18065	0.00499976	0.1887	-5.29942	0.27713	0.602047	-1.661	0.0162229	0.267157	-3.74312	0.566771	0.771105	-1.29684	0.00226658	0.14699	-6.80316	5.28423	16.8664	2.83719	1
cg08646313	PGCP	0.0343578	0.402442	1.31654	1.31654	0.720772	0.8912	-1.12208	0.0536841	0.495026	-2.0201	0.213012	0.656453	-1.52334	0.130913	0.592468	-1.68786	0.0101403	0.353165	-2.83154	0.00230944	0.255028	-3.92114	0.689055	0.878896	-1.13779	0.563819	0.829218	-1.20595	3.89311	6.3508	1.45004	1
cg15133564	PGCP	0.041575	0.958762	1.01569	1.01569	0.0655266	1.86335	1.86335	0.337253	1.34701	1.34701	0.461815	1.25302	1.25302	0.659694	0.875093	-1.14274	0.48596	0.808019	-1.23759	0.0143993	0.403237	-2.47993	0.0454438	1.99539	1.99539	0.0276883	0.456697	-2.18963	3.63098	5.21363	1.27633	1
cg04909257	PGD	0.00133887	0.00347415	0.563063	-1.776	0.389797	1.13611	1.13611	0.0176544	1.51886	1.51886	0.0197625	1.50322	1.50322	0.000405124	0.443065	-2.25701	0.0203688	1.49907	1.49907	0.116437	1.28021	1.28021	0.0180802	1.51554	1.51554	0.500679	1.10404	1.10404	10.8273	3.59564	0.295191	1
cg03344767	PGD	0.00358611	0.695848	0.871281	-1.14773	0.00793728	0.303044	-3.29985	0.00600594	0.283883	-3.52258	0.806104	0.917364	-1.09008	0.00528013	0.275332	-3.63197	0.162525	0.592779	-1.68697	0.000255394	0.120937	-8.26874	0.962	1.01685	1.01685	0.00614157	0.285384	-3.50404	8.11453	15.8083	1.73169	1
cg02916418	PGD	0.0126732	0.0272886	0.354157	-2.8236	0.00560289	0.235643	-4.2437	0.379553	0.698909	-1.4308	0.147947	0.539648	-1.85306	0.00996471	0.274354	-3.64492	0.00631531	0.243326	-4.10971	0.00205699	0.178098	-5.61489	0.351857	0.68335	-1.46338	0.0545458	0.420318	-2.37915	5.47544	13.6953	2.22332	1
cg13077490	PGD	0.0142806	0.150975	1.26037	1.26037	0.216575	1.21593	1.21593	0.426075	1.12998	1.12998	0.728002	1.0539	1.0539	0.0728671	1.35099	1.35099	0.670398	1.06649	1.06649	0.00271967	0.536629	-1.86348	0.0212269	1.51657	1.51657	0.011535	1.60804	1.60804	5.2654	1.88524	0.318261	1
cg22341865	PGD	0.0271725	?	?	?	0.468582	0.650707	-1.53679	0.00415828	0.0422868	-23.648	?	?	?	0.949888	1.03658	1.03658	0.163449	0.400213	-2.49867	?	?	?	?	?	?	?	?	?	9.15672	18.3327	2.0021	1
cg23036555	PGD	0.0335884	0.320394	0.915092	-1.09279	0.13229	1.15071	1.15071	0.362967	1.08416	1.08416	0.532405	0.946815	-1.05617	0.0106789	1.31964	1.31964	0.0641273	0.835442	-1.19697	0.0200022	0.784578	-1.27457	0.5574	0.950013	-1.05262	0.139679	0.871662	-1.14723	3.92503	0.46428	0.105144	1
cg25312481	PGD;PGD	0.000176181	0.30587	0.919086	-1.08804	0.0880775	0.86088	-1.1616	0.671259	0.966594	-1.03456	0.0172955	0.793934	-1.25955	2.65E-05	0.516299	-1.93686	0.0151429	0.788599	-1.26807	4.56E-05	0.541485	-1.84677	0.00653576	1.32474	1.32474	0.0887043	1.16119	1.16119	19.013	1.9073	0.0891696	1
cg19959591	PGF	0.00200286	0.00261163	0.604688	-1.65375	0.046091	0.758966	-1.31758	0.118148	0.81487	-1.22719	0.0500329	0.763647	-1.30951	5.50E-05	0.404094	-2.47467	0.31816	0.882936	-1.13258	0.251715	0.865463	-1.15545	0.122305	1.22393	1.22393	0.0520589	0.765922	-1.30562	9.63789	2.22256	0.204984	1
cg24192328	PGF	0.00727009	0.503657	0.828066	-1.20763	0.945603	1.01915	1.01915	0.493823	1.21309	1.21309	0.03306	0.500161	-1.99936	0.125595	0.630774	-1.58535	0.000203498	5.64831	5.64831	0.302965	1.34531	1.34531	0.692492	1.11684	1.11684	0.350563	1.30618	1.30618	6.53739	8.00158	1.08797	1
cg19805668	PGF	0.0302758	0.0363862	0.662317	-1.50985	0.110379	1.34271	1.34271	0.0483845	0.682481	-1.46524	0.00290461	0.499952	-2.00019	0.37703	0.857671	-1.16595	0.479242	1.12956	1.12956	0.693977	0.935215	-1.06927	0.698754	1.06809	1.06809	0.109366	0.744024	-1.34404	4.07357	1.85086	0.403875	1
cg04547723	PGF;PGF	0.00590974	0.0238148	0.234111	-4.27149	0.273541	1.84663	1.84663	0.843831	1.11201	1.11201	0.0161201	0.204979	-4.87854	0.0301565	0.2535	-3.94477	0.911557	0.941943	-1.06164	0.0011151	0.0754179	-13.2595	0.00232601	0.101371	-9.86479	0.020665	0.22312	-4.4819	6.97169	31.9936	4.07917	1
cg05076631	PGF;PGF	0.0284649	0.230389	0.735972	-1.35875	0.00607876	2.39349	2.39349	0.764114	0.9293	-1.07608	0.571263	0.869878	-1.14959	0.0987881	0.643396	-1.55425	0.0138635	2.09768	2.09768	0.163245	0.695889	-1.43701	0.174852	0.703575	-1.42131	0.839852	0.951898	-1.05053	4.16354	3.91424	0.835666	1
cg08987989	PGGT1B	0.000254271	0.00242568	0.525216	-1.90398	0.0633068	0.727214	-1.37511	0.179501	0.804563	-1.24291	0.000520109	2.28285	2.28285	1.52E-05	0.254936	-3.92255	0.0116776	0.618383	-1.61712	0.141724	0.785857	-1.2725	0.102919	0.761758	-1.31275	0.54743	0.911325	-1.0973	17.2103	6.34087	0.327497	1
cg04000474	PGGT1B	0.000670312	0.247881	0.85135	-1.1746	0.00379422	1.68236	1.68236	0.032366	1.39622	1.39622	0.172711	1.21327	1.21327	0.0249913	0.700962	-1.42661	0.327026	1.1443	1.1443	6.50E-05	0.376364	-2.657	0.00455828	0.60454	-1.65415	0.478059	1.10085	1.10085	13.1698	3.7016	0.249838	1
cg11022944	PGGT1B	0.00422649	0.303741	0.839574	-1.19108	0.00168951	0.478753	-2.08876	0.000576747	0.417113	-2.39743	0.128546	0.763631	-1.30953	0.00533735	0.547447	-1.82666	0.896054	0.978771	-1.02169	0.00245299	0.500697	-1.99722	0.41079	0.871036	-1.14806	0.953882	0.990551	-1.00954	7.72301	3.2962	0.37938	1
cg06017028	PGGT1B	0.0234197	0.00639508	0.340923	-2.93321	0.00790868	2.8099	2.8099	0.119747	1.66858	1.66858	0.11026	0.589845	-1.69536	0.275071	1.41115	1.41115	0.147457	0.624118	-1.60226	0.696153	0.887782	-1.1264	0.877393	0.954256	-1.04794	0.787048	0.921158	-1.08559	4.45696	6.49318	1.29499	1
cg06403553	PGK2	2.08E-05	6.32E-05	0.256544	-3.89796	0.686951	1.07771	1.07771	5.77E-06	0.151814	-6.58699	0.000129527	0.29274	-3.416	0.00192244	0.444311	-2.25067	0.012361	0.562504	-1.77776	0.0015945	2.30909	2.30909	5.97E-05	0.253795	-3.94019	0.000211189	0.318456	-3.14016	33.5143	18.1138	0.480426	1
cg01620077	PGK2	0.000530928	0.0840819	0.661651	-1.51137	0.247407	1.29865	1.29865	0.000741864	0.330598	-3.02482	0.756862	1.06941	1.06941	0.00120237	0.358773	-2.78728	0.529595	1.14753	1.14753	0.117576	1.44381	1.44381	0.000459535	0.303687	-3.29287	0.00016581	0.249925	-4.0012	14.0544	10.3935	0.657355	1
cg21080533	PGK2	0.000751607	0.00659992	0.211906	-4.71906	5.84E-05	0.037801	-26.4543	0.0106642	0.243583	-4.10538	0.0149313	0.267994	-3.73143	0.00201918	0.147185	-6.79417	0.00170441	0.139306	-7.17844	0.000730475	0.104464	-9.5727	0.00357761	0.176232	-5.67433	0.00973521	0.237294	-4.21419	12.7539	39.0942	2.7247	1
cg09299388	PGK2	0.0118546	0.0362285	0.369665	-2.70515	0.0443325	0.389113	-2.56995	0.00263797	0.182562	-5.47759	0.0605153	0.421091	-2.37478	0.00987206	0.263833	-3.79027	0.763327	1.13135	1.13135	0.413494	1.40725	1.40725	0.0337429	0.363041	-2.75451	0.00683792	0.238929	-4.18534	5.59558	14.7994	2.35097	1
cg12553321	PGK2	0.0171986	0.00982579	0.15651	-6.38937	0.00713001	0.138774	-7.20594	0.106233	0.366961	-2.72509	0.327938	0.563357	-1.77507	0.00289315	0.0975409	-10.2521	0.201849	0.464939	-2.15082	0.194531	0.458463	-2.1812	0.00610224	0.13079	-7.64583	0.061144	0.301469	-3.31709	4.9502	25.3179	4.54623	1
cg02482438	PGK2;PGK2	0.0435706	0.0150903	0.206806	-4.83544	0.062389	0.330579	-3.025	0.0637543	0.332936	-3.00358	0.0465847	0.30039	-3.329	0.293052	1.77823	1.77823	0.914081	1.05861	1.05861	0.0358711	0.275718	-3.62689	0.060651	0.327528	-3.05318	0.0438949	0.294593	-3.39452	3.56829	15.7385	3.92058	1
cg22546818	PGLS	0.00014285	0.000153607	0.464947	-2.15078	0.627895	0.943981	-1.05934	0.567654	0.93409	-1.07056	0.0104314	1.46317	1.46317	0.000583501	0.533888	-1.87305	0.777205	0.96707	-1.03405	1.93E-05	0.359296	-2.78322	0.230954	0.862156	-1.15988	0.000443636	0.519722	-1.9241	20.1199	4.43933	0.196128	1
cg15750534	PGLS	0.00176636	0.00313796	0.282079	-3.54511	0.849466	0.942188	-1.06136	0.0126434	2.64202	2.64202	0.00431986	3.30562	3.30562	0.0046165	0.30688	-3.25861	0.177518	0.638183	-1.56695	0.0137679	0.385058	-2.59701	0.00537498	0.317034	-3.15423	0.0937485	0.561238	-1.78178	9.99631	15.5505	1.38278	1
cg15820397	PGLS	0.00793836	0.259708	0.865718	-1.15511	0.247055	1.16002	1.16002	0.0720107	1.27927	1.27927	0.779643	1.035	1.035	0.594794	0.93628	-1.06806	0.871893	0.980402	-1.01999	0.000163752	0.454568	-2.19989	0.562811	1.07439	1.07439	0.635077	1.06039	1.06039	6.3596	1.51499	0.211752	1
cg02266849	PGLS	0.0200294	0.00390312	0.623723	-1.60327	0.515892	0.92308	-1.08333	0.0840191	1.26148	1.26148	0.63061	1.06063	1.06063	0.00554717	0.642274	-1.55697	0.154383	0.830914	-1.20349	0.0679577	0.780062	-1.28195	0.108691	0.808497	-1.23686	0.145693	0.827128	-1.209	4.70222	1.09937	0.20782	1
cg23863881	PGLS	0.021596	0.0669358	0.786041	-1.2722	0.0428338	1.31424	1.31424	0.0112003	1.45147	1.45147	0.0101705	0.683907	-1.46219	0.937259	1.00927	1.00927	0.984814	1.00223	1.00223	0.0886053	0.802358	-1.24633	0.240108	0.865731	-1.15509	0.999096	1.00013	1.00013	4.58296	0.997381	0.193447	1
cg14218269	PGLS	0.0256753	0.782947	1.05683	1.05683	0.141684	0.728856	-1.37201	0.14995	1.36197	1.36197	0.198556	0.761891	-1.31252	0.0362823	0.614317	-1.62782	0.253124	0.787492	-1.26985	0.00282175	2.27813	2.27813	0.207185	1.30505	1.30505	0.814963	1.04804	1.04804	4.31697	2.73915	0.564008	1
cg10262425	PGLS	0.0323328	0.363125	1.13859	1.13859	0.615821	0.932157	-1.07278	0.203396	1.20494	1.20494	0.257889	1.17815	1.17815	0.870043	1.023	1.023	0.955595	0.992297	-1.00776	0.00138893	0.525465	-1.90307	0.156865	0.810376	-1.234	0.156736	1.23409	1.23409	3.97911	1.21519	0.27146	1
cg11912570	PGLS	0.0398995	0.0236364	0.482892	-2.07086	0.601882	0.86779	-1.15235	0.227047	0.710582	-1.4073	0.733488	0.912038	-1.09645	0.00157266	0.294282	-3.3981	0.260612	0.728986	-1.37177	0.0215492	0.475382	-2.10357	0.578601	0.859713	-1.16318	0.248074	0.722303	-1.38446	3.68655	4.23772	1.02178	1
cg08682981	PGLYRP1	1.68E-05	0.0012901	0.461384	-2.16739	2.90E-06	6.32043	6.32043	0.0406549	1.47673	1.47673	0.039152	0.674564	-1.48244	0.00722038	0.564505	-1.77146	0.431664	0.87602	-1.14153	0.0229211	0.638362	-1.56651	1.26E-05	4.55045	4.55045	0.00331802	1.93389	1.93389	35.4572	15.2761	0.382962	1
cg25754173	PGLYRP1	2.42E-05	0.670219	0.954893	-1.04724	7.31E-07	4.22969	4.22969	0.84671	0.979362	-1.02107	0.89167	1.01479	1.01479	0.00127946	1.65867	1.65867	0.00102018	1.69013	1.69013	0.00104603	1.68659	1.68659	2.35E-05	2.48404	2.48404	0.0243796	1.33516	1.33516	32.209	5.92235	0.163442	1
cg10862535	PGLYRP1	0.000731093	0.00704888	0.470222	-2.12666	4.47E-05	5.33565	5.33565	0.157469	1.38748	1.38748	0.296969	0.791158	-1.26397	0.223599	1.31918	1.31918	0.083083	1.51543	1.51543	0.0302283	1.73676	1.73676	0.000955619	2.90446	2.90446	0.735743	1.07615	1.07615	12.8533	9.55432	0.660741	1
cg26767632	PGLYRP1	0.00107392	0.00733496	0.380878	-2.62551	0.00011702	6.58257	6.58257	0.813538	0.936144	-1.06821	0.962385	1.01326	1.01326	0.402178	0.787068	-1.27054	0.22543	0.700796	-1.42695	0.0211623	0.461141	-2.16853	0.00158047	3.55006	3.55006	0.746276	1.0949	1.0949	11.5307	14.2429	1.09797	1
cg13168411	PGLYRP1	0.00733767	0.790885	0.950768	-1.05178	0.215658	0.780705	-1.28089	0.0805724	0.692002	-1.44508	0.829482	0.959856	-1.04182	9.94E-05	0.269262	-3.71385	0.09318	0.704094	-1.42026	0.32345	1.21378	1.21378	0.648766	0.916573	-1.09102	0.572998	0.897453	-1.11426	6.5185	3.72569	0.508049	1
cg24210810	PGLYRP1	0.0274366	0.0173329	0.323379	-3.09235	0.046048	0.410418	-2.43654	0.200122	0.590239	-1.69423	0.467301	0.749669	-1.33392	0.0188915	0.330334	-3.02724	0.311533	0.665078	-1.50358	0.00149526	0.168057	-5.95036	0.0669608	0.449354	-2.22542	0.67454	0.848299	-1.17883	4.21784	10.1369	2.1363	1
cg08693172	PGLYRP1	0.0300864	0.00397417	0.266187	-3.75675	0.0603912	2.06222	2.06222	0.481359	0.783015	-1.27712	0.996144	1.00165	1.00165	0.607207	0.8376	-1.19389	0.436316	1.31182	1.31182	0.329255	1.41075	1.41075	0.0430142	2.21624	2.21624	0.0645096	2.03351	2.03351	4.08266	7.55265	1.64439	1
cg12215528	PGLYRP1	0.0379128	0.0128819	0.353498	-2.82887	0.0545858	2.08406	2.08406	0.252066	1.49618	1.49618	0.220516	0.648065	-1.54305	0.0661646	0.499553	-2.00179	0.658848	1.1614	1.1614	0.0245032	0.405624	-2.46534	0.405303	1.33206	1.33206	0.703182	0.879045	-1.1376	3.75629	6.74657	1.59651	1
cg14001023	PGLYRP1;PGLYRP1	0.000117758	0.00209314	0.340567	-2.93628	1.21E-05	9.96685	9.96685	0.0157848	2.0874	2.0874	0.427098	1.22355	1.22355	0.1611	0.689061	-1.45125	0.296046	1.30944	1.30944	0.000897933	3.44448	3.44448	0.000151162	5.04392	5.04392	0.12643	1.50891	1.50891	21.192	20.7795	0.871585	1
cg25994622	PGLYRP2	0.000452004	0.349502	0.636812	-1.57032	0.490524	0.720239	-1.38843	0.0224524	3.60136	3.60136	0.00215923	7.52254	7.52254	0.0117618	0.228895	-4.36882	0.632436	0.797873	-1.25333	0.000235902	0.057516	-17.3865	0.000340895	14.9336	14.9336	0.0595588	2.70853	2.70853	14.6957	51.1053	3.09118	1
cg09054960	PGLYRP2	0.00119463	0.668512	0.925823	-1.08012	0.0168493	0.593482	-1.68497	0.000205963	0.328779	-3.04155	0.00217813	0.463305	-2.15841	0.0129831	0.576027	-1.73603	0.00150603	0.441229	-2.2664	?	?	?	0.00084099	0.407136	-2.45618	0.122373	0.741148	-1.34926	11.4491	5.15996	0.450686	1
cg08129505	PGLYRP2	0.00563905	0.0179215	0.274957	-3.63694	0.00251601	0.152129	-6.57335	0.524762	0.748812	-1.33545	0.213354	1.80059	1.80059	0.00691022	0.208232	-4.80233	0.557854	0.766445	-1.30473	0.0410115	0.347032	-2.88158	0.00643468	4.90631	4.90631	0.32242	0.632077	-1.58208	7.07308	22.5641	2.83567	1
cg17915429	PGLYRP2	0.00602181	0.176794	0.849264	-1.17749	0.972678	0.99611	-1.0039	0.00308711	0.630753	-1.58541	0.954927	1.00645	1.00645	0.373565	0.901275	-1.10954	0.267641	1.14043	1.14043	0.000966827	1.74898	1.74898	0.0336521	0.754012	-1.32624	0.114378	0.82249	-1.21582	6.93139	1.42158	0.182305	1
cg26853265	PGLYRP2	0.00606993	0.535236	0.837123	-1.19457	0.700591	0.896375	-1.1156	0.0831518	0.580917	-1.72142	0.833071	0.941992	-1.06158	0.000684748	0.230257	-4.34297	0.0366863	0.502935	-1.98833	0.00269766	0.309193	-3.23422	0.0258618	2.11505	2.11505	0.255987	0.714811	-1.39897	6.91437	8.77899	1.1286	1
cg11856332	PGLYRP2	0.0209629	0.00656159	0.413908	-2.41599	0.0142734	0.470013	-2.1276	0.319884	0.773526	-1.29278	0.517481	1.17814	1.17814	0.796433	1.06672	1.06672	0.325411	0.775934	-1.28877	0.157714	1.45849	1.45849	0.00425478	0.384537	-2.60053	0.620483	0.882759	-1.13281	4.62982	4.57673	0.878695	1
cg07408456	PGLYRP2	0.0247463	0.159951	0.71101	-1.40645	0.199099	1.36101	1.36101	0.0369031	0.576615	-1.73426	0.0775075	0.640341	-1.56167	0.167599	0.715962	-1.39672	0.12236	0.683635	-1.46277	0.00472685	0.426328	-2.34561	0.00601219	0.442457	-2.26011	0.978202	1.00623	1.00623	4.37271	3.57365	0.726455	1
cg22310770	PGLYRP2	0.0359247	0.846649	1.03	1.03	0.0474603	1.41362	1.41362	0.00264842	0.529991	-1.88683	0.86744	1.02583	1.02583	0.210214	0.817442	-1.22333	0.700045	1.06088	1.06088	0.650778	1.07205	1.07205	0.0612437	0.724718	-1.37985	0.414281	1.13587	1.13587	3.83075	1.41397	0.328099	1
cg16206460	PGLYRP2	0.0479195	0.0992283	1.2244	1.2244	0.011148	1.42817	1.42817	0.0732887	1.25074	1.25074	0.466569	0.920353	-1.08654	0.560518	1.06816	1.06816	0.0369074	1.31194	1.31194	0.760558	1.03483	1.03483	0.251785	0.874485	-1.14353	0.0233575	1.35464	1.35464	3.44315	0.684343	0.176671	1
cg17752089	PGLYRP2;PGLYRP2	0.000371642	0.000359403	0.369566	-2.70587	0.00746933	1.82025	1.82025	0.0548476	0.68476	-1.46037	0.345796	1.18394	1.18394	0.000451207	0.382217	-2.61632	0.00128286	0.44205	-2.26219	0.000248003	0.349238	-2.86338	0.02582	0.631123	-1.58448	0.783835	0.953305	-1.04898	15.5112	7.42924	0.425742	1
cg03222483	PGLYRP3	1.96E-06	2.24E-07	0.070039	-14.2778	6.60E-05	0.286998	-3.48434	1.58E-05	0.218598	-4.57461	0.00109373	0.439798	-2.27377	0.565235	0.905612	-1.10423	0.0227829	0.628285	-1.59163	0.813762	1.04107	1.04107	2.30E-07	0.0706336	-14.1576	0.00329022	0.505116	-1.97974	61.7122	28.4265	0.409449	1
cg06275635	PGLYRP3	0.000149615	8.24E-06	0.0492473	-20.3057	0.0194512	0.417221	-2.39681	0.00123094	0.231697	-4.31598	0.108981	0.582238	-1.71751	0.00124155	0.232168	-4.30722	0.00257482	0.274407	-3.64423	0.00101982	0.22152	-4.51426	0.000171923	0.138737	-7.20789	0.000505861	0.186047	-5.37497	19.8707	30.1334	1.34798	1
cg04450606	PGLYRP3	0.00026433	5.98E-05	0.0683261	-14.6357	0.00173863	0.198943	-5.02657	0.00136863	0.186446	-5.36348	0.0284042	0.392422	-2.54827	0.0102552	0.310363	-3.22203	0.00257406	0.220649	-4.53209	0.00690177	0.282384	-3.54128	2.73E-05	0.0502358	-19.9061	0.00214065	0.210258	-4.75605	17.0292	35.2635	1.84069	1
cg12428378	PGLYRP3	0.000325486	0.000250442	0.153144	-6.52982	1.50E-05	0.0615362	-16.2506	0.00329055	0.288248	-3.46924	0.0648829	0.525204	-1.90402	0.0472448	0.494012	-2.02424	0.176342	0.639859	-1.56284	0.00240983	0.269034	-3.717	0.000692144	0.200203	-4.99492	0.00741962	0.342572	-2.9191	16.0867	24.5828	1.35835	1
cg09448880	PGLYRP3	0.00151566	0.000581005	0.0612377	-16.3298	0.000538691	0.0592678	-16.8726	0.00675302	0.158279	-6.31798	0.0088318	0.173779	-5.75442	0.000914716	0.0741505	-13.4861	0.282139	0.556147	-1.79809	0.013586	0.201284	-4.9681	0.00292999	0.117028	-8.54493	0.0071735	0.161664	-6.18565	10.4483	45.6014	3.87954	1
cg08244156	PGLYRP3	0.0334121	0.0169179	0.0870965	-11.4815	0.0939305	0.213748	-4.6784	0.0124277	0.0738085	-13.5486	0.423326	0.504045	-1.98395	0.024347	0.105602	-9.46948	0.114688	0.237597	-4.20881	0.046922	0.148754	-6.72249	0.0146815	0.0807386	-12.3856	0.0168281	0.0868498	-11.5141	3.93247	43.71	9.88015	1
cg02956542	PGLYRP4	8.04E-05	0.00690709	0.475894	-2.10131	0.0033702	0.42874	-2.33242	0.0176699	0.541792	-1.84573	2.65E-05	0.171326	-5.83684	0.9322	0.982091	-1.01824	0.00385256	0.437342	-2.28654	0.0192829	0.548202	-1.82415	2.72E-06	0.0912143	-10.9632	0.552431	0.880166	-1.13615	23.4688	16.7643	0.634954	1
cg03277515	PGLYRP4	0.00124881	0.0706656	1.55107	1.55107	0.286921	1.27162	1.27162	0.0028521	0.409742	-2.44056	0.536903	0.872951	-1.14554	0.0399554	0.596932	-1.67523	0.00138137	0.364999	-2.73973	0.606527	0.893245	-1.11951	8.98E-05	0.218119	-4.58466	0.155819	0.718941	-1.39094	11.0453	8.26047	0.664775	1
cg21400802	PGLYRP4	0.00150531	0.00833058	0.283491	-3.52744	0.000200896	0.0970446	-10.3045	0.000956252	0.158871	-6.29443	0.0378404	0.406475	-2.46017	0.969644	1.01433	1.01433	0.0261543	0.372927	-2.68149	0.00365572	0.230052	-4.34685	0.00140977	0.177627	-5.62977	0.0125838	0.313488	-3.18991	10.4689	23.1706	1.96736	1
cg01093088	PGLYRP4	0.00270796	0.00253669	0.142375	-7.0237	0.0604538	0.373441	-2.6778	0.0205232	0.272931	-3.66393	0.00514371	0.179202	-5.5803	0.00151988	0.119512	-8.36733	0.0480043	0.349367	-2.86232	0.000633965	0.0869698	-11.4982	0.00190454	0.129212	-7.73921	0.01908	0.267139	-3.74337	8.82172	30.2429	3.04731	1
cg01798266	PGLYRP4	0.00640932	0.240248	0.580555	-1.72249	0.0119403	0.249756	-4.00392	0.155492	0.510611	-1.95844	0.0263829	0.312086	-3.20424	0.0268767	0.313693	-3.18783	0.0218092	0.296011	-3.37825	0.000950767	0.113231	-8.83151	0.00078406	0.105853	-9.44704	0.0850462	0.4308	-2.32126	6.79893	21.0596	2.75332	1
cg21691717	PGLYRP4	0.00730873	0.0184572	0.227051	-4.4043	0.00158653	0.0951994	-10.5043	0.125939	0.423619	-2.36061	0.0383283	0.287935	-3.473	0.0223569	0.241767	-4.13621	0.142287	0.441211	-2.26649	0.00123912	0.0864042	-11.5735	0.00396623	0.13405	-7.45993	0.120152	0.417067	-2.39769	6.52657	27.8126	3.78795	1
cg06954535	PGLYRP4	0.0199549	0.0286164	0.303294	-3.29713	0.0248496	0.29116	-3.43454	0.0883607	0.419502	-2.38378	0.0611569	0.37726	-2.65069	0.10506	0.441182	-2.26664	0.441456	0.695834	-1.43712	0.00757327	0.204519	-4.88953	0.0014296	0.118736	-8.42201	0.598917	0.782541	-1.27789	4.70817	15.9168	3.00505	1
cg04104489	PGM1	0.000264092	0.478929	0.900885	-1.11002	0.000137584	0.384444	-2.60116	0.000976458	0.491038	-2.0365	0.821233	0.967714	-1.03336	3.86E-05	0.318603	-3.13871	0.0701036	1.34129	1.34129	0.400139	0.882592	-1.13303	0.0380108	1.41736	1.41736	0.00883077	0.61668	-1.62159	17.0333	5.67251	0.296021	1
cg22624827	PGM1	0.00542615	0.391556	1.32644	1.32644	0.00516996	0.304804	-3.2808	0.0265773	0.42917	-2.33008	0.1146	0.575656	-1.73715	0.000307033	0.151668	-6.59335	0.00636322	0.318894	-3.13584	0.0961234	0.555413	-1.80046	0.0629874	0.510121	-1.96032	0.118048	0.579163	-1.72663	7.15719	11.7395	1.45799	1
cg26108121	PGM1	0.00544174	0.412148	0.802323	-1.24638	0.381494	1.26586	1.26586	0.0976715	1.61171	1.61171	0.527256	0.845148	-1.18323	0.000269468	0.208149	-4.80426	0.542577	1.17573	1.17573	0.00924015	0.419883	-2.38161	0.0217714	0.48515	-2.06122	0.16997	0.681191	-1.46802	7.15089	7.81306	0.9712	1
cg20252015	PGM1	0.00658911	0.833241	1.08265	1.08265	0.335342	0.687837	-1.45383	0.0115811	0.304533	-3.28372	0.478837	1.3115	1.3115	0.0034376	0.22385	-4.46728	0.0120838	0.307703	-3.24988	0.000941063	0.155939	-6.41276	0.700965	1.15643	1.15643	0.0292223	0.379959	-2.63186	6.74082	15.1456	1.9972	1
cg25013852	PGM1	0.0126391	0.540398	1.05828	1.05828	0.00127462	1.53642	1.53642	0.0165434	1.30678	1.30678	0.300065	0.906518	-1.10312	0.238612	1.11941	1.11941	0.0502437	1.22628	1.22628	0.240986	0.893884	-1.11871	0.102937	0.849552	-1.17709	0.0995805	1.17935	1.17935	5.48026	0.72493	0.117582	1
cg03373115	PGM1	0.0218232	0.232649	0.792585	-1.26169	0.622559	1.09652	1.09652	0.00915056	0.540746	-1.8493	0.00705369	0.523727	-1.90939	0.00440429	0.493585	-2.02599	0.333704	0.830951	-1.20344	0.0213485	0.598248	-1.67155	0.375382	0.844535	-1.18408	0.920474	1.01872	1.01872	4.56656	2.49477	0.485611	1
cg05270688	PGM1	0.0224008	0.181764	0.870134	-1.14925	0.0506758	1.24425	1.24425	0.0191191	1.32089	1.32089	0.762582	0.970704	-1.03018	0.382498	1.09187	1.09187	0.920564	1.00984	1.00984	0.06597	0.816734	-1.22439	0.200755	1.14181	1.14181	0.00353556	1.47412	1.47412	4.52579	0.69036	0.13559	1
cg24585453	PGM1	0.0239948	0.0724159	0.518796	-1.92754	0.497527	0.798151	-1.2529	0.0296779	2.31143	2.31143	0.98024	0.991925	-1.00814	0.0315389	0.438042	-2.28289	0.949005	0.97928	-1.02116	0.00936193	0.34003	-2.94092	0.011168	0.353081	-2.83221	0.306931	0.707346	-1.41374	4.41973	7.50097	1.50858	1
cg02994863	PGM1	0.029047	0.0582199	0.711268	-1.40594	0.0566463	1.40976	1.40976	0.501769	1.11462	1.11462	0.199502	1.2408	1.2408	0.0678208	0.7221	-1.38485	0.133668	0.772995	-1.29367	0.021833	0.645301	-1.54966	0.099576	1.33283	1.33283	0.152992	1.27583	1.27583	4.13386	1.6587	0.356664	1
cg13596040	PGM2	0.0042188	0.116553	0.667815	-1.49742	0.337409	1.26384	1.26384	0.355437	1.2524	1.2524	0.330889	0.788568	-1.26812	0.376127	0.806505	-1.23992	0.00109853	0.319947	-3.12552	0.000234266	0.235896	-4.23916	0.598493	0.881785	-1.13406	0.588464	1.13807	1.13807	7.72727	6.8603	0.789159	1
cg27270003	PGM2	0.00912892	0.630581	0.890052	-1.12353	0.158647	1.43648	1.43648	0.780158	1.06957	1.06957	0.431786	0.824596	-1.21272	0.196314	1.38878	1.38878	0.575013	1.14588	1.14588	0.000586439	0.278848	-3.58619	0.01356	0.479825	-2.08409	0.0682099	1.63371	1.63371	6.08483	5.56841	0.813449	1
cg11104914	PGM2	0.0101059	0.0712924	0.693452	-1.44206	0.493235	0.881219	-1.13479	0.986927	0.997027	-1.00298	0.718046	1.06811	1.06811	0.960527	0.991046	-1.00903	0.792902	0.95331	-1.04898	0.000653253	0.386946	-2.58434	0.245456	1.24703	1.24703	0.00743141	1.87111	1.87111	5.89074	3.08092	0.464899	1
cg00107632	PGM2	0.0115869	0.025756	1.19903	1.19903	0.0762324	1.14478	1.14478	0.0713129	0.871041	-1.14805	0.514655	0.955719	-1.04633	0.608528	1.03604	1.03604	0.543551	0.958732	-1.04304	0.173804	0.905577	-1.10427	0.00963633	1.25179	1.25179	0.00258097	1.33153	1.33153	5.63711	0.419452	0.0661413	1
cg01149896	PGM2	0.0131093	0.497504	0.950674	-1.05189	0.0787744	1.15416	1.15416	0.00200837	1.37734	1.37734	0.183186	0.901477	-1.10929	0.589233	1.04085	1.04085	0.180612	1.11005	1.11005	0.897827	1.00948	1.00948	0.0473022	1.18137	1.18137	0.00256915	1.35938	1.35938	5.41531	0.462595	0.0759321	1
cg10599456	PGM2L1	0.00446904	0.000194883	0.0237927	-42.0297	?	?	?	0.229762	0.53804	-1.8586	0.766816	0.865984	-1.15476	0.122507	0.434694	-2.30047	?	?	?	0.904909	1.05948	1.05948	0.383064	1.54696	1.54696	0.121941	2.30404	2.30404	11.2524	30.8422	2.34938	1
cg04608290	PGM2L1	0.004616	0.000110178	0.0931831	-10.7316	0.0760231	1.99059	1.99059	?	?	?	0.907863	1.0412	1.0412	0.216618	1.57356	1.57356	0.696243	0.872145	-1.1466	0.439068	0.759435	-1.31677	0.518079	0.795748	-1.25668	0.66448	1.16435	1.16435	7.68165	13.148	1.71161	1
cg22094205	PGM2L1	0.0239541	0.392794	1.13601	1.13601	0.470851	1.11277	1.11277	0.535406	0.912627	-1.09574	0.412622	1.12978	1.12978	0.294677	1.17154	1.17154	0.92613	1.0136	1.0136	0.000720279	0.472551	-2.11617	0.623583	1.07472	1.07472	0.096197	1.30488	1.30488	4.42233	1.48622	0.298731	1
cg19480152	PGM2L1	0.0248211	0.0287309	1.46191	1.46191	0.000992428	2.05468	2.05468	0.43755	1.12364	1.12364	0.147194	0.795357	-1.2573	0.386991	1.13943	1.13943	0.118005	1.28384	1.28384	0.87143	1.02413	1.02413	0.0931049	1.31249	1.31249	0.579766	1.08581	1.08581	4.36812	1.49899	0.305036	1
cg03595792	PGM2L1	0.0370557	0.00497936	0.0482771	-20.7138	?	?	?	0.20521	2.85671	2.85671	0.287612	0.421096	-2.37476	0.0103576	0.073494	-13.6066	0.275198	0.410831	-2.43409	0.383038	2.01256	2.01256	0.802089	0.822284	-1.21612	0.638071	0.691121	-1.44692	4.20586	35.163	7.31541	1
cg07978145	PGM2L1	0.0421663	0.461662	0.881443	-1.1345	0.684453	1.07123	1.07123	0.0920515	1.36657	1.36657	0.579196	1.09893	1.09893	0.780854	1.04809	1.04809	0.27898	1.20871	1.20871	0.021431	1.59268	1.59268	0.00341482	1.95423	1.95423	0.0221137	1.58739	1.58739	3.61203	1.62233	0.399241	1
cg14152974	PGM3	0.0046444	0.125767	0.610632	-1.63765	0.0134881	0.402297	-2.48572	0.00425385	0.320139	-3.12364	0.176423	0.651886	-1.53401	0.00745165	0.358451	-2.78978	0.0551352	0.523418	-1.91052	0.000691967	0.21401	-4.67267	0.0486355	1.95534	1.95534	0.333038	0.742823	-1.34622	7.50539	10.537	1.24794	1
cg07964958	PGM3	0.0270116	0.81009	0.965075	-1.03619	0.00449507	0.57162	-1.74941	0.00299337	0.548146	-1.82433	0.489211	0.901462	-1.10931	0.403272	0.881354	-1.13462	0.563798	0.91744	-1.08999	0.248025	1.19521	1.19521	0.509902	1.10374	1.10374	0.0824488	0.752731	-1.3285	4.24102	1.46455	0.30696	1
cg04749631	PGM3;RWDD2A	0.00686386	0.100355	0.60683	-1.64791	0.619667	0.870371	-1.14894	0.00140779	3.60751	3.60751	0.797856	1.07382	1.07382	0.0016787	0.287542	-3.47776	0.0597671	0.554635	-1.80299	0.172702	0.668522	-1.49584	0.830285	0.942178	-1.06137	0.569349	1.17301	1.17301	6.65573	8.1166	1.08399	1
cg14140060	PGM5	0.0279178	0.119146	1.87152	1.87152	0.0215778	2.7804	2.7804	0.345218	0.697489	-1.43371	0.289277	0.665224	-1.50325	0.0113903	0.309189	-3.23426	0.196468	0.602828	-1.65885	0.0152517	0.331484	-3.01673	0.968967	1.01452	1.01452	0.66106	0.849165	-1.17763	4.19212	9.11789	1.93334	1
cg13964726	PGM5	0.0400863	0.0695142	0.274635	-3.64119	0.221169	0.441034	-2.2674	0.082382	0.293819	-3.40346	0.0796493	0.289897	-3.4495	0.0272165	0.189437	-5.27881	0.0649287	0.267305	-3.74104	0.00594437	0.101288	-9.8728	0.00785184	0.11402	-8.77037	0.251796	0.466698	-2.14272	3.68021	23.6168	5.7042	1
cg01306410	PGM5P2	0.000587768	0.00510172	1.99809	1.99809	0.0850146	1.42789	1.42789	0.0391765	1.56263	1.56263	0.109312	0.721396	-1.3862	0.00399613	0.484999	-2.06186	0.00394726	0.484225	-2.06516	0.0012985	0.416338	-2.40189	0.00116788	2.4386	2.4386	0.0771898	0.692466	-1.44411	13.6621	7.56931	0.492477	1
cg18861917	PGM5P2	0.0274168	0.0250162	0.450312	-2.22068	0.887576	1.04323	1.04323	0.26491	0.706348	-1.41573	0.235885	0.689592	-1.45013	0.313868	0.732239	-1.36568	0.267464	0.707766	-1.4129	0.00411549	0.316174	-3.16282	0.0162148	2.41042	2.41042	0.642475	0.869461	-1.15014	4.21891	5.98168	1.26029	1
cg11315989	PGM5P2	0.0340032	0.0166538	2.08407	2.08407	0.0337928	0.536565	-1.86371	0.907183	1.02973	1.02973	0.134569	0.666815	-1.49967	0.0476132	0.566071	-1.76656	0.510358	0.845591	-1.18261	0.0215463	0.499898	-2.00041	0.252128	0.740457	-1.35052	0.111848	0.64732	-1.54483	3.90771	3.90474	0.888214	1
cg09648091	PGP	0.00331469	6.86E-05	0.0286467	-34.908	0.103951	2.38138	2.38138	0.746301	0.853486	-1.17167	0.660312	1.24091	1.24091	?	?	?	0.235549	1.83438	1.83438	0.78613	0.875695	-1.14195	0.742947	0.851622	-1.17423	0.591317	1.30282	1.30282	8.49166	28.4746	3.35324	1
cg05518269	PGP	0.0484483	0.0233828	0.73145	-1.36715	0.291279	1.13476	1.13476	0.682654	0.953652	-1.0486	0.715534	1.04316	1.04316	0.610575	0.942432	-1.06108	0.0930977	0.807935	-1.23772	0.27868	0.878065	-1.13887	0.00685256	1.4982	1.4982	0.579382	0.937407	-1.06677	3.42889	0.723771	0.187627	1
cg00420929	PGPEP1	0.00350553	0.167292	0.512807	-1.95005	0.00123499	0.117321	-8.52366	0.0494068	0.361547	-2.7659	0.731321	0.85524	-1.16926	0.0014199	0.123102	-8.12334	0.0110675	0.235634	-4.24387	0.000536427	0.0868453	-11.5147	0.412967	0.684047	-1.46189	0.0207518	0.282785	-3.53625	8.16994	26.6325	2.89761	1
ch.19.777701F	PGPEP1	0.00776286	0.0111944	0.768278	-1.30161	0.00211489	0.698815	-1.43099	0.00824501	0.75563	-1.3234	0.0376013	0.818707	-1.22144	0.0594901	0.838286	-1.19291	0.270155	1.0999	1.0999	0.0477153	1.20654	1.20654	0.156807	0.881981	-1.13381	0.746332	0.973443	-1.02728	6.40444	0.697546	0.0968142	1
cg19544919	PGPEP1	0.00929079	0.271058	0.777999	-1.28535	0.214113	0.750848	-1.33183	0.571156	1.13358	1.13358	0.117559	0.689089	-1.45119	0.0259022	0.560247	-1.78493	0.0996264	0.673434	-1.48493	0.000239789	0.26398	-3.78817	0.0124797	0.506127	-1.97579	0.129624	0.698577	-1.43148	6.05094	4.59941	0.675659	1
cg08900409	PGPEP1	0.0173448	0.0148351	0.139577	-7.1645	0.000935162	0.0389859	-25.6503	0.0390425	0.208187	-4.80336	0.144751	0.357355	-2.79834	0.0235946	0.169325	-5.9058	0.424095	0.58489	-1.70972	0.0239393	0.170342	-5.87055	0.0528345	0.235538	-4.2456	0.124866	0.33573	-2.97858	4.93619	33.7428	6.07627	1
cg19264533	PGPEP1	0.0202903	0.0326802	0.640602	-1.56103	0.577317	1.10552	1.10552	0.534949	1.11847	1.11847	0.0168988	0.594966	-1.68077	0.470617	0.877415	-1.13971	0.0485365	0.669294	-1.49411	0.00243264	0.471467	-2.12104	0.143899	1.32282	1.32282	0.554074	0.898848	-1.11253	4.68157	2.35399	0.446953	1
cg23973626	PGPEP1	0.0260035	0.952047	1.01272	1.01272	0.616507	1.11208	1.11208	0.626082	0.901852	-1.10883	0.779371	1.06081	1.06081	0.330414	0.808922	-1.23621	0.0686775	1.54623	1.54623	0.00116343	0.343653	-2.90991	0.0982002	1.47205	1.47205	0.552563	1.13482	1.13482	4.75213	3.25322	0.532453	1
cg10266068	PGPEP1	0.0459694	0.151553	0.771805	-1.29566	0.761517	0.949982	-1.05265	0.408898	0.867288	-1.15302	0.232388	0.809679	-1.23506	0.501481	0.891362	-1.12188	0.458572	0.880532	-1.13568	0.00107177	0.442812	-2.2583	0.908993	1.01946	1.01946	0.209369	1.24987	1.24987	3.49746	1.57408	0.400058	1
cg16688583	PGR	2.56E-08	1.17E-05	0.375634	-2.66217	2.95E-06	0.308676	-3.23964	4.10E-05	0.438372	-2.28117	3.53E-07	0.212258	-4.71125	8.32E-09	0.082093	-12.1813	0.0217217	1.33704	1.33704	1.87E-09	0.0489398	-20.4333	4.35E-07	0.221165	-4.5215	5.31E-05	0.451399	-2.21533	185.527	32.6546	0.156453	1
cg16462297	PGR	3.60E-06	0.0802628	0.735805	-1.35906	0.0408658	1.45234	1.45234	9.71E-05	0.334317	-2.99117	0.000867182	0.453752	-2.20385	0.604917	1.08601	1.08601	0.0450843	0.695219	-1.4384	7.19E-08	0.057812	-17.2974	0.385506	0.868786	-1.15103	1.34E-05	0.236791	-4.22314	52.8237	20.9123	0.351901	1
cg23795893	PGR	2.77E-05	0.998668	0.999839	-1.00016	0.269509	0.895006	-1.11731	0.955063	1.00545	1.00545	0.0893838	0.834702	-1.19803	0.00285064	1.48604	1.48604	0.740923	1.03253	1.03253	0.976057	0.997109	-1.0029	5.82E-07	3.77975	3.77975	6.89E-05	2.01729	2.01729	31.0926	4.58253	0.131007	1
cg00173799	PGR	0.000363992	0.464769	0.751075	-1.33142	0.0101154	0.286971	-3.48467	0.00157776	0.174476	-5.73145	0.035793	0.390691	-2.55957	5.17E-05	0.0542623	-18.429	0.00565893	0.247385	-4.04228	3.45E-05	0.045881	-21.7955	0.710214	0.866234	-1.15442	0.0172127	0.327353	-3.05481	15.6002	36.574	2.08396	1
cg13686012	PGR	0.000558695	0.0044819	0.535561	-1.8672	0.000812009	2.29826	2.29826	0.01506	0.611218	-1.63608	0.00789453	0.570352	-1.7533	0.727566	0.944001	-1.05932	0.000123637	0.331831	-3.01358	0.0410575	0.678105	-1.4747	0.358594	1.1683	1.1683	0.190373	1.25672	1.25672	13.8565	5.95864	0.382244	1
cg23641145	PGR	0.00404576	0.281058	0.815319	-1.22651	0.0224568	1.6459	1.6459	0.667338	1.08199	1.08199	0.497761	1.13365	1.13365	0.550628	0.895797	-1.11632	0.432577	0.864198	-1.15714	0.406563	0.856647	-1.16734	8.05E-05	3.65853	3.65853	0.146541	1.32842	1.32842	7.82561	4.11612	0.467539	1
cg23614125	PGR	0.00510008	0.0346331	1.80482	1.80482	0.00488961	0.408984	-2.44508	0.702799	1.09625	1.09625	0.00429616	0.400363	-2.49773	0.386237	0.808224	-1.23728	0.398977	1.22997	1.22997	0.0225936	1.9242	1.9242	0.00526362	0.413942	-2.4158	0.937345	1.01902	1.01902	7.2943	6.63806	0.808918	1
cg13906669	PGR	0.0110753	0.00822557	0.624496	-1.60129	0.362913	1.1391	1.1391	0.00698995	1.62557	1.62557	0.0931542	0.773181	-1.29336	0.0374354	0.714391	-1.39979	0.292634	0.858939	-1.16423	0.429684	1.11882	1.11882	0.0193965	1.48244	1.48244	0.911008	0.984549	-1.01569	5.71994	1.75722	0.273076	1
cg01671895	PGR	0.0168018	0.562237	0.826	-1.21065	0.00099534	0.202848	-4.9298	0.281314	0.693982	-1.44096	0.199171	0.642368	-1.55674	0.115953	0.57269	-1.74615	0.555219	1.21492	1.21492	0.00857804	0.334932	-2.98568	0.513255	1.24149	1.24149	0.0239686	0.415329	-2.40773	4.989	8.41004	1.49841	1
cg22299741	PGR;PGR	0.0124089	0.217387	1.15004	1.15004	0.014006	1.38659	1.38659	0.157828	1.17666	1.17666	0.0181827	1.36194	1.36194	0.952761	0.993639	-1.0064	0.019973	0.738963	-1.35325	0.033749	1.30615	1.30615	0.00564758	1.4788	1.4788	0.0664266	1.24826	1.24826	5.51314	1.01322	0.163363	1
cg10149996	PGRMC1	0.000447764	0.00544122	0.59682	-1.67555	0.607855	1.07578	1.07578	0.091475	1.29991	1.29991	0.000145568	2.51654	2.51654	0.0616774	0.743013	-1.34587	0.0176985	1.50252	1.50252	0.044934	1.38376	1.38376	0.000228782	2.37264	2.37264	0.00358646	1.74484	1.74484	14.734	4.64821	0.280422	1
cg04290452	PGRMC1	0.000527613	0.000529973	0.136281	-7.33781	0.00557476	0.27115	-3.68799	0.00554827	0.270817	-3.69253	0.505386	1.26146	1.26146	5.07E-05	0.0550433	-18.1675	0.00872824	0.30374	-3.29229	0.0308526	2.43965	2.43965	0.172779	1.6526	1.6526	0.043235	0.44254	-2.25968	17.4881	31.885	1.41807	1
cg05397738	PGRMC1	0.000930443	0.98115	1.00682	1.00682	0.0136068	2.40623	2.40623	0.5128	0.826199	-1.21036	0.00318781	3.18451	3.18451	0.0779563	0.569281	-1.7566	0.00430571	2.99804	2.99804	0.00148339	3.73813	3.73813	0.000187415	6.12925	6.12925	0.00321475	3.17908	3.17908	12.0092	15.7358	1.16472	1
cg24865292	PGRMC2	5.40E-14	9.94E-12	0.917947	-1.08939	1.69E-14	0.125793	-7.94958	?	?	?	?	?	?	2.94E-14	0.207096	-4.82867	5.21E-14	0.306425	-3.26344	?	?	?	1.23E-13	0.462687	-2.16129	1.94E-14	0.14439	-6.92567	1.85E+13	12.6287	2.27E-13	1
cg22202131	PGRMC2	0.00403961	?	?	?	0.110524	1.87836	1.87836	0.722007	1.13826	1.13826	?	?	?	0.000229987	0.108888	-9.18379	0.0245876	0.378884	-2.63933	0.137161	0.559681	-1.78673	0.519775	1.26685	1.26685	0.394359	1.37197	1.37197	8.21524	13.2979	1.84993	1
cg13469311	PGRMC2	0.01456	0.772548	1.03931	1.03931	0.871193	0.978642	-1.02182	0.700795	0.949929	-1.05271	0.916469	1.01406	1.01406	0.00670204	1.5966	1.5966	0.133957	0.806508	-1.23991	0.00110622	0.527462	-1.89587	0.228961	1.18291	1.18291	0.751972	0.958694	-1.04309	5.23189	1.46679	0.249205	1
cg08501915	PGRMC2	0.0230119	0.569758	0.926126	-1.07977	0.22338	0.842898	-1.18638	0.29443	0.864784	-1.15636	0.242846	1.17736	1.17736	0.733586	1.0467	1.0467	0.0811819	1.2947	1.2947	0.0323477	0.715509	-1.39761	0.1564	0.816653	-1.22451	0.00157479	0.545289	-1.83389	4.48406	1.26749	0.251259	1
cg01931840	PGRMC2	0.0314546	0.839453	1.03349	1.03349	0.58327	0.913954	-1.09415	0.0218061	0.639517	-1.56368	0.34453	1.1713	1.1713	0.0140635	0.611217	-1.63608	0.00729732	0.570146	-1.75394	0.129664	0.766538	-1.30457	0.973929	1.00532	1.00532	0.0251557	0.648914	-1.54104	4.0185	1.67843	0.371268	1
cg16991595	PGRMC2	0.0353913	0.173925	0.519033	-1.92666	?	?	?	0.00472916	7.40156	7.40156	?	?	?	0.161798	0.507123	-1.97191	0.314132	1.58879	1.58879	0.442295	0.708107	-1.41222	?	?	?	0.898229	0.945843	-1.05726	5.89191	10.8026	1.52789	1
cg04453241	PGS1	0.000907271	2.27E-05	0.0839423	-11.9129	0.0143089	0.413884	-2.41614	0.0157115	0.421177	-2.3743	0.544078	1.19643	1.19643	0.861877	1.05218	1.05218	?	?	?	0.135635	1.59956	1.59956	0.75592	0.912954	-1.09535	0.900277	0.964047	-1.03729	12.3832	14.8713	1.20092	1
cg00134843	PGS1	0.00102726	0.593039	0.964452	-1.03686	2.88E-05	1.73494	1.73494	0.209357	1.09284	1.09284	0.973861	0.997804	-1.0022	0.0173718	1.21452	1.21452	0.676036	0.972197	-1.0286	0.458904	0.950658	-1.0519	0.0559685	1.15634	1.15634	0.00115215	1.37779	1.37779	11.6771	0.832549	0.0633757	1
cg20026190	PGS1	0.00242832	0.00421894	0.598185	-1.67173	0.00364846	1.69451	1.69451	0.0645468	0.756929	-1.32113	0.931628	0.988557	-1.01158	0.399952	1.12251	1.12251	0.636587	0.938162	-1.06591	0.000339098	2.16941	2.16941	0.628886	0.936771	-1.0675	0.222995	1.18737	1.18737	9.10965	2.59532	0.253243	1
cg05112574	PGS1	0.00546414	8.97E-05	0.124565	-8.02796	0.811128	1.07375	1.07375	0.398031	1.29329	1.29329	0.996474	0.998688	-1.00131	0.389151	0.769276	-1.29992	0.619839	1.16025	1.16025	0.0232988	0.446727	-2.2385	0.18128	0.655851	-1.52474	0.956662	1.01628	1.01628	7.14188	9.99234	1.24366	1
cg09980384	PGS1	0.0102745	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01125174	PGS1	0.0124099	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22669656	PGS1	0.0152372	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19931468	PGS1	0.0159815	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12899916	PGS1	0.0205952	0.583764	0.858644	-1.16463	0.12323	0.63134	-1.58393	0.00813976	0.39337	-2.54214	0.215783	0.698496	-1.43165	0.00144655	0.281426	-3.55333	0.197609	0.687212	-1.45515	0.371899	1.28726	1.28726	0.276357	1.36597	1.36597	0.731815	1.09939	1.09939	4.65785	5.59654	1.06803	1
cg10517290	PGS1	0.0232957	0.0946177	0.258498	-3.8685	0.0325385	0.158424	-6.31219	0.0760125	0.233651	-4.27988	0.405227	0.53415	-1.87213	0.00547011	0.0678606	-14.7361	0.0741576	0.231012	-4.32877	0.00454595	0.0618313	-16.173	0.652303	1.39652	1.39652	0.0202778	0.127348	-7.85248	4.46514	38.3459	7.63364	1
cg26615130	PGS1	0.0291873	0.190002	1.40585	1.40585	0.51718	0.851157	-1.17487	0.0772932	0.617551	-1.6193	0.626043	1.12808	1.12808	0.000689931	0.280442	-3.5658	0.800931	0.939879	-1.06397	0.689727	0.906211	-1.1035	0.548269	0.861494	-1.16077	0.2564	0.747719	-1.3374	4.12682	3.93643	0.847879	1
cg27476474	PGS1	0.0405582	0.963095	0.983332	-1.01695	0.00180523	0.19947	-5.0133	0.154424	0.574792	-1.73976	0.613748	1.20308	1.20308	0.337066	0.697999	-1.43267	0.0533959	0.450634	-2.21909	0.0579275	0.458995	-2.17868	0.434736	1.33578	1.33578	0.211647	0.620026	-1.61283	3.66437	7.65845	1.85776	1
cg00435064	PGS1	0.0485818	0.185456	0.538512	-1.85697	0.0997707	0.45153	-2.21469	0.385042	0.67532	-1.48078	0.298449	0.621836	-1.60814	0.0344434	0.33712	-2.9663	0.0305105	0.326074	-3.06679	0.00616242	0.207015	-4.83058	0.0102246	0.239987	-4.1669	0.219679	0.566137	-1.76636	3.42532	10.541	2.73545	1
cg24996339	PHACTR1	9.83E-05	0.976906	0.995108	-1.00492	0.00543125	0.538036	-1.85861	0.128741	0.757172	-1.3207	0.584083	0.910587	-1.09819	1.49E-06	0.126569	-7.90081	0.0858152	1.37943	1.37943	0.0102169	1.7309	1.7309	0.346005	0.848377	-1.17872	0.849197	0.968263	-1.03278	22.2395	10.1112	0.404134	1
cg00460589	PHACTR1	0.000136628	2.78E-05	0.103942	-9.62072	0.000268653	0.193923	-5.15669	0.000426714	0.216455	-4.6199	0.000387481	0.211641	-4.72499	0.00970066	0.407477	-2.45412	0.125941	0.634876	-1.57511	0.000190871	0.17819	-5.61199	0.0166964	0.44857	-2.22931	0.000112779	0.155482	-6.4316	20.3625	24.2785	1.05983	1
cg06874640	PHACTR1	0.000451068	0.621571	0.889068	-1.12477	0.0150406	0.49351	-2.0263	0.000574524	0.283806	-3.52353	0.0292641	1.83477	1.83477	1.74E-05	0.125132	-7.99158	0.439073	1.20502	1.20502	0.0227022	0.524911	-1.90508	0.136882	0.684778	-1.46033	0.219055	0.736792	-1.35723	14.7041	13.0047	0.786157	1
cg11908041	PHACTR1	0.000630077	0.000913058	0.468362	-2.1351	0.00154817	0.498323	-2.00673	0.0462077	0.705061	-1.41832	0.976682	0.995538	-1.00448	0.000183485	0.380053	-2.63122	0.106455	0.763594	-1.3096	0.0314001	0.67961	-1.47143	0.670259	1.06773	1.06773	9.45E-05	0.344901	-2.89938	13.3997	4.96827	0.329577	1
cg07279321	PHACTR1	0.00135871	0.288198	0.846331	-1.18157	0.00222972	0.52305	-1.91186	0.136618	1.27463	1.27463	0.0073968	1.68567	1.68567	0.0474487	0.709554	-1.40934	0.0972737	0.759299	-1.317	0.000564505	0.445459	-2.24488	0.729737	1.05388	1.05388	0.0061638	1.71707	1.71707	10.7817	3.90973	0.322333	1
cg16928323	PHACTR1	0.00138544	0.0455125	0.781913	-1.27891	0.884152	1.01576	1.01576	0.494808	0.928337	-1.07719	0.000961126	0.590107	-1.69461	0.00136525	0.607465	-1.64619	0.00292886	0.645067	-1.55023	0.0645383	1.24949	1.24949	0.0451307	1.27963	1.27963	0.0170424	1.36618	1.36618	10.7216	1.95383	0.161984	1
cg09949366	PHACTR1	0.00197776	0.000155085	0.405419	-2.46659	0.00884112	0.628509	-1.59107	0.841431	0.972474	-1.0283	0.00856772	1.59566	1.59566	0.181582	0.820698	-1.21848	0.00675035	0.613032	-1.63124	0.944335	1.00978	1.00978	0.548208	0.918823	-1.08835	0.0304547	0.701596	-1.42532	9.67336	2.97456	0.273334	1
cg07466622	PHACTR1	0.00209483	0.293572	1.20357	1.20357	0.664788	0.928537	-1.07696	2.24E-05	4.24599	4.24599	0.0411617	1.49281	1.49281	0.494522	1.12522	1.12522	0.287015	1.20686	1.20686	0.305494	1.19776	1.19776	0.765506	0.950403	-1.05219	0.0491486	1.46511	1.46511	9.5125	4.35753	0.407186	1
cg04274883	PHACTR1	0.00249509	0.500444	0.825144	-1.21191	0.537491	1.19179	1.19179	0.0642253	0.557452	-1.79388	0.21787	1.43947	1.43947	0.000257121	0.184342	-5.42471	0.305398	0.742121	-1.34749	0.152748	0.650269	-1.53783	0.00135452	3.69715	3.69715	0.270216	1.38075	1.38075	9.03727	11.3034	1.11178	1
cg07912922	PHACTR1	0.00421355	0.00851629	0.121428	-8.23533	0.00445668	0.0923482	-10.8286	0.00335538	0.0815796	-12.258	0.029673	0.200413	-4.9897	0.0221131	0.178503	-5.60215	0.0589006	0.261936	-3.81772	0.000815988	0.0420499	-23.7813	0.0405586	0.226464	-4.41572	0.00216562	0.0670102	-14.9231	7.73017	48.2795	5.55163	1
cg06879394	PHACTR1	0.00757922	0.00266011	0.0325125	-30.7574	0.00273092	0.0330202	-30.2845	0.01279	0.0781099	-12.8025	0.0370822	0.135909	-7.35787	0.0169371	0.0905904	-11.0387	0.0688104	0.186555	-5.36034	0.00437947	0.0433937	-23.0448	0.0878691	0.211606	-4.72576	0.00753447	0.0587227	-17.0292	6.45273	69.4646	9.56902	1
cg20827128	PHACTR1	0.00824465	0.00192829	0.110792	-9.02589	0.00451647	0.150031	-6.66528	0.011876	0.207181	-4.82669	0.0187709	0.23995	-4.16754	0.0300097	0.278174	-3.59487	0.119495	0.428774	-2.33223	0.00409004	0.144971	-6.89793	0.200038	0.507346	-1.97104	0.0112942	0.20383	-4.90606	6.28424	25.0075	3.53724	1
cg20548013	PHACTR1	0.0114146	0.0294233	0.509643	-1.96216	0.00045665	0.234395	-4.2663	0.269275	0.739085	-1.35302	0.571109	1.16233	1.16233	0.0166757	0.463915	-2.15557	0.219937	0.712507	-1.40349	0.0372075	0.529615	-1.88816	0.0423751	0.540985	-1.84848	0.941485	1.01948	1.01948	5.6645	6.19566	0.97224	1
cg11615758	PHACTR1	0.0143688	0.85504	1.06816	1.06816	0.881933	1.05504	1.05504	0.67603	1.16361	1.16361	0.234974	1.56643	1.56643	0.000592309	0.147703	-6.77034	0.0220464	2.69125	2.69125	0.651308	1.17825	1.17825	0.171039	1.69132	1.69132	0.63126	0.840004	-1.19047	5.25473	10.8181	1.82999	1
cg21538684	PHACTR1	0.0146465	0.00431063	0.0923141	-10.8326	0.00337756	0.0830267	-12.0443	0.0189111	0.169532	-5.89859	0.0753869	0.290587	-3.44131	0.0241875	0.186775	-5.35403	0.0999211	0.324492	-3.08174	0.00978535	0.13014	-7.68403	0.1149	0.34292	-2.91613	0.0228199	0.182558	-5.47771	5.22167	32.2312	5.48673	1
cg15542608	PHACTR1	0.0148145	0.432845	0.768582	-1.3011	0.372072	0.73981	-1.3517	0.0534118	0.48602	-2.05753	0.23318	1.50843	1.50843	0.00171508	0.229508	-4.35715	0.761413	0.90471	-1.10533	0.566376	0.826463	-1.20998	0.00679473	3.16894	3.16894	0.503145	0.799758	-1.25038	5.20205	8.90931	1.52236	1
cg14619203	PHACTR1	0.0190738	0.419921	1.08054	1.08054	0.00206605	0.665115	-1.5035	0.545334	1.05922	1.05922	0.341419	0.911974	-1.09652	0.47325	1.07097	1.07097	0.107166	1.17974	1.17974	0.266672	1.11491	1.11491	0.0104837	0.738756	-1.35363	0.257584	0.894895	-1.11745	4.78079	0.668946	0.124377	1
cg22370057	PHACTR1	0.0227575	0.0323513	0.675169	-1.48111	0.448617	0.885991	-1.12868	0.299256	1.1837	1.1837	0.409763	0.87621	-1.14128	0.0622839	0.719665	-1.38954	0.723025	1.05737	1.05737	0.00308981	0.530081	-1.88651	0.0203402	0.645064	-1.55023	0.0167329	0.63267	-1.5806	4.50126	1.75182	0.345942	1
cg12258607	PHACTR1	0.0299612	0.790455	0.929914	-1.07537	0.0345915	0.510537	-1.95872	0.0208565	0.468252	-2.1356	0.327589	1.31749	1.31749	0.545763	0.846354	-1.18154	0.649099	1.13314	1.13314	0.301682	0.746798	-1.33905	0.00790958	2.53302	2.53302	0.116744	1.592	1.592	4.08871	4.82075	1.04803	1
cg13401235	PHACTR1	0.0374006	0.0102597	0.285208	-3.50621	0.867546	0.937329	-1.06686	0.0416883	0.402356	-2.48536	0.874664	0.940628	-1.06312	0.00650338	0.253756	-3.9408	0.224552	0.609771	-1.63996	0.0298116	0.371069	-2.69491	0.899788	1.05006	1.05006	0.0456433	0.411234	-2.4317	3.775	8.98902	2.11662	1
cg17946266	PHACTR1	0.0398604	0.971811	1.01031	1.01031	0.5455	0.837305	-1.19431	0.136831	0.628052	-1.59223	0.864902	0.951779	-1.05066	0.0633819	0.545572	-1.83294	0.24091	1.42806	1.42806	0.00134056	0.25854	-3.86788	0.32713	0.745575	-1.34125	0.135198	0.626645	-1.5958	3.68788	4.91997	1.18586	1
cg27584713	PHACTR1	0.0491199	0.679737	0.928329	-1.0772	0.12444	0.742286	-1.34719	0.412459	0.860605	-1.16197	0.136952	1.33244	1.33244	0.0987972	0.723062	-1.38301	0.936493	0.985825	-1.01438	0.260348	0.810318	-1.23408	0.0100807	1.78906	1.78906	0.0577953	1.46858	1.46858	3.41106	1.7339	0.451837	1
cg03951877	PHACTR1	0.049699	0.0882499	0.400969	-2.49396	0.00636374	5.61473	5.61473	0.133288	2.19639	2.19639	0.555147	1.33639	1.33639	0.0561296	0.349589	-2.8605	0.933193	0.960085	-1.04157	0.410175	0.664185	-1.5056	0.508524	1.38522	1.38522	0.361202	0.633802	-1.57778	3.39591	12.6952	3.32301	1
cg25126309	PHACTR2;PHACTR2	0.0095144	0.839528	0.896255	-1.11575	0.993231	1.00459	1.00459	0.0169705	0.20746	-4.82021	0.846422	1.11044	1.11044	0.00333413	0.115516	-8.65681	0.00422607	0.126304	-7.91743	0.00281063	0.108209	-9.24137	0.601736	0.752419	-1.32905	0.0220517	0.226892	-4.40739	6.00529	27.7559	4.10835	1
cg22660196	PHACTR2;PHACTR2	0.0346957	0.0315995	0.206409	-4.84476	0.0130985	0.145658	-6.86539	0.0454535	0.237798	-4.20525	0.11531	0.342368	-2.92084	0.013952	0.149406	-6.69319	0.527761	0.669972	-1.4926	0.00979387	0.129437	-7.72575	0.682798	0.773191	-1.29334	0.0362236	0.217699	-4.59349	3.87936	24.0814	5.51783	1
cg11157127	PHACTR2;PHACTR2;PHACTR2;PHACTR2	1.99E-06	0.000191563	0.474012	-2.10965	0.707317	1.04583	1.04583	5.74E-05	0.412024	-2.42704	9.57E-07	0.215359	-4.64341	0.000110433	0.445582	-2.24425	3.28E-05	0.383485	-2.60766	1.76E-07	0.148072	-6.75347	0.000328044	0.501848	-1.99264	7.52E-06	0.310233	-3.22338	61.4619	13.7407	0.198724	1
cg21026257	PHACTR2;PHACTR2;PHACTR2;PHACTR2	5.22E-06	0.403245	1.08829	1.08829	0.0808818	0.825749	-1.21102	0.00319402	0.671529	-1.48914	0.538075	1.06361	1.06361	0.000439022	0.577332	-1.73211	0.0472794	0.798901	-1.25172	9.15E-08	0.177353	-5.63846	0.000759414	0.603615	-1.65668	1.27E-05	0.403443	-2.47867	47.9898	7.43656	0.137744	1
cg27061249	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.00045036	0.862827	0.976865	-1.02368	0.276421	0.857933	-1.16559	0.00478203	0.602362	-1.66013	9.28E-05	2.57027	2.57027	0.122022	0.797039	-1.25464	0.163863	1.22273	1.22273	0.000506335	0.479263	-2.08654	0.00391901	0.591273	-1.69127	0.101275	0.784379	-1.27489	14.7105	4.26809	0.257902	1
cg17586302	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.00233124	0.307547	0.740458	-1.35052	0.606371	0.86255	-1.15935	0.293418	0.733408	-1.3635	0.0317413	0.488599	-2.04667	4.27E-05	0.109404	-9.14046	0.0763499	0.570687	-1.75227	0.0487674	1.89695	1.89695	0.565287	1.17982	1.17982	0.660254	0.881758	-1.1341	9.21945	11.8172	1.13935	1
cg00395486	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.00628278	0.877114	1.07921	1.07921	0.148744	0.466287	-2.1446	0.29543	0.585948	-1.70664	0.775604	1.15119	1.15119	0.00400573	0.148801	-6.72038	0.958958	0.974966	-1.02568	0.000216597	0.0478232	-20.9103	0.558423	0.74711	-1.33849	0.0148685	0.228576	-4.37491	6.84106	26.2957	3.41671	1
cg11495387	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0071956	0.912955	0.986207	-1.01399	0.0386935	0.737777	-1.35542	0.2481	1.16575	1.16575	0.00458952	1.61489	1.61489	0.0626354	1.30488	1.30488	0.00257831	1.70009	1.70009	0.44415	1.10416	1.10416	0.0430098	0.743961	-1.34416	0.0391648	1.35413	1.35413	6.55846	1.67577	0.227122	1
cg18240653	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.00951241	0.925611	1.0241	1.0241	0.171972	1.44889	1.44889	0.613221	0.878104	-1.13882	0.0370972	0.539412	-1.85387	0.00106615	0.291302	-3.43286	0.805647	0.939068	-1.06489	0.00456219	0.381627	-2.62036	0.721606	0.912797	-1.09553	0.0110035	0.443308	-2.25577	6.00569	6.18602	0.915578	1
cg00509431	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0122274	0.861055	1.02308	1.02308	0.00977237	1.53037	1.53037	0.874218	1.02085	1.02085	0.59287	1.07282	1.07282	0.0229939	1.42499	1.42499	0.240454	0.852094	-1.17358	0.00940564	0.651311	-1.53536	0.622064	1.06685	1.06685	0.00531263	1.61348	1.61348	5.53963	1.4881	0.238781	1
cg08482167	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0137138	0.0551983	0.536521	-1.86386	0.00222124	0.292974	-3.41327	0.597749	1.16477	1.16477	0.213713	0.687257	-1.45506	0.0173121	0.435884	-2.29419	0.0837241	0.577944	-1.73027	0.00857648	0.38272	-2.61287	0.0113642	0.403427	-2.47876	0.607637	1.15992	1.15992	5.33595	6.93452	1.15519	1
cg26846959	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0159817	0.813104	0.964856	-1.03642	0.184189	1.23713	1.23713	0.438776	0.887548	-1.1267	0.039975	1.43135	1.43135	0.543084	0.911204	-1.09745	0.343025	0.862809	-1.15901	0.000631953	0.452341	-2.21072	0.150793	0.79247	-1.26188	0.218022	0.822229	-1.21621	5.07293	1.83331	0.321236	1
cg19640585	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0163161	0.0178097	0.208489	-4.79641	0.595309	0.746948	-1.33878	0.0447962	0.285488	-3.50278	0.123055	0.402827	-2.48245	0.00140763	0.0807445	-12.3847	0.029236	0.247064	-4.04753	0.00668124	0.147337	-6.78718	0.613587	0.757963	-1.31933	0.0438491	0.283433	-3.52817	5.03807	23.6344	4.16992	1
cg04721116	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0191744	0.457977	0.909639	-1.09934	0.708649	1.04816	1.04816	0.0587072	1.30681	1.30681	0.111367	1.24274	1.24274	0.975495	0.996158	-1.00386	0.917789	1.01302	1.01302	0.00158224	0.566431	-1.76544	0.107935	1.24583	1.24583	0.0523742	1.31847	1.31847	4.77229	1.18689	0.221071	1
cg01192112	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0209801	0.00620999	0.118194	-8.46064	0.315609	0.537386	-1.86086	0.0370756	0.234817	-4.25864	0.914824	0.937971	-1.06613	0.00355642	0.0940203	-10.636	0.693656	0.789031	-1.26738	0.00715883	0.125123	-7.99212	0.757145	1.20401	1.20401	0.197348	0.442348	-2.26066	4.62853	26.2608	5.04328	1
cg20865323	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0212969	0.612889	0.686217	-1.45727	0.00405542	17.2514	17.2514	0.00242361	22.5678	22.5678	0.0462005	5.3969	5.3969	0.887086	0.90045	-1.11056	0.480355	0.588911	-1.69805	0.464682	0.577398	-1.73191	0.678766	1.35985	1.35985	0.595668	1.48478	1.48478	4.60489	39.7278	7.66871	1
cg05341786	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0256228	0.0124333	0.118502	-8.43866	0.0476433	0.21162	-4.72545	0.050378	0.216708	-4.6145	0.0328668	0.180645	-5.53571	0.0076618	0.0953748	-10.4849	0.00866729	0.100856	-9.91512	0.026839	0.165634	-6.0374	0.0836476	0.269097	-3.71614	0.0905548	0.278438	-3.59146	4.32005	32.1627	6.61777	1
cg11422846	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.03669	0.0276754	0.255978	-3.90659	0.153646	0.449483	-2.22478	0.00453862	0.138185	-7.2367	0.468651	1.47102	1.47102	0.0460476	0.302182	-3.30927	0.374655	1.61122	1.61122	0.0967958	0.385119	-2.5966	0.371833	1.61602	1.61602	0.67114	0.799667	-1.25052	3.8015	16.4973	3.85751	1
cg19852921	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0390982	0.017022	0.149845	-6.67355	0.917049	0.934293	-1.07033	0.210561	0.422873	-2.36478	0.185494	0.400138	-2.49914	0.00783838	0.107942	-9.26423	0.0281659	0.184314	-5.42552	0.0126763	0.132486	-7.54797	0.985919	1.01158	1.01158	0.0831629	0.286098	-3.49531	3.71415	25.0357	5.99167	1
cg16124719	PHACTR3	5.16E-07	0.00372687	0.38855	-2.57367	0.000101346	5.27068	5.27068	0.0130031	2.10374	2.10374	0.000232439	0.229039	-4.36606	1.70E-06	0.0553474	-18.0677	0.000212123	4.45404	4.45404	4.24E-08	0.00951648	-105.081	0.490461	1.18416	1.18416	0.00207267	2.8474	2.8474	86.8175	80.0722	0.819826	1
cg05484788	PHACTR3	0.000124896	0.0566998	0.772957	-1.29373	0.0324904	1.34831	1.34831	0.00636526	1.52805	1.52805	0.346082	0.890607	-1.12283	0.0415275	0.755314	-1.32395	2.91E-06	3.79709	3.79709	0.018612	0.711329	-1.40582	0.657728	1.05468	1.05468	0.191651	1.17944	1.17944	20.8599	4.70958	0.200686	1
cg00938743	PHACTR3	0.00013318	0.135012	0.836318	-1.19572	0.00164028	1.64907	1.64907	0.107892	1.21485	1.21485	0.00286879	0.634424	-1.57623	0.00594744	0.670971	-1.49038	0.00113485	1.70095	1.70095	7.82E-05	0.452573	-2.20959	0.000399107	0.535227	-1.86837	0.502177	1.07848	1.07848	20.503	3.9964	0.17326	1
cg19810038	PHACTR3	0.000605947	0.639984	0.901969	-1.10869	0.000216162	3.86533	3.86533	0.198379	1.34678	1.34678	0.314381	1.25593	1.25593	0.514447	0.865199	-1.1558	0.000396594	3.43919	3.43919	0.000518136	0.30544	-3.27396	0.157682	0.718284	-1.39221	0.921469	0.978634	-1.02183	13.5466	10.292	0.675333	1
cg25355482	PHACTR3	0.00171806	0.0414847	0.657716	-1.52041	0.00440744	1.96878	1.96878	0.208324	1.26668	1.26668	0.041752	0.658184	-1.51933	0.142115	0.754835	-1.32479	0.00827892	1.82519	1.82519	0.000544724	0.383796	-2.60555	0.0249032	0.621444	-1.60915	0.3642	1.18078	1.18078	10.0769	5.06881	0.447122	1
cg15712559	PHACTR3	0.0027894	0.658743	1.11232	1.11232	0.0769482	0.62435	-1.60167	0.702891	0.912305	-1.09612	0.0340669	1.80832	1.80832	0.815146	0.945455	-1.05769	6.30E-05	5.83793	5.83793	0.0765392	0.623852	-1.60294	0.88753	1.03447	1.03447	0.658195	1.11253	1.11253	8.74477	7.94401	0.807493	1
cg24827660	PHACTR3	0.00370836	0.0723186	0.638954	-1.56506	0.00743408	2.1597	2.1597	0.146231	1.41673	1.41673	0.691455	1.09318	1.09318	0.18694	0.731673	-1.36673	0.000834959	3.07396	3.07396	0.00949409	0.48002	-2.08325	0.0671147	0.632346	-1.58141	0.39945	1.21246	1.21246	8.03336	6.34647	0.702235	1
cg08675717	PHACTR3	0.00398886	0.589208	0.786199	-1.27194	0.548031	1.30763	1.30763	0.563829	1.29364	1.29364	0.0755182	2.39408	2.39408	0.193878	0.54524	-1.83405	6.01E-05	26.3674	26.3674	0.343438	0.650095	-1.53824	0.215969	1.77636	1.77636	0.399609	1.46298	1.46298	7.8591	24.2332	2.74085	1
cg11688568	PHACTR3	0.0112463	0.0256759	0.486911	-2.05376	0.117498	1.58675	1.58675	0.0909706	1.65802	1.65802	0.942094	0.980466	-1.01992	0.00742333	0.392012	-2.55094	0.566129	1.17058	1.17058	0.00956102	0.410193	-2.43788	0.00891441	0.405107	-2.46848	0.999012	1.00034	1.00034	5.69174	6.64768	1.03818	1
cg20674577	PHACTR3	0.013135	0.210084	0.793083	-1.2609	0.00967258	1.77648	1.77648	0.1535	1.30766	1.30766	0.764302	1.0542	1.0542	0.248456	1.23584	1.23584	0.00601143	1.8777	1.8777	0.0109045	0.570689	-1.75227	0.161211	0.769026	-1.30035	0.396422	1.16465	1.16465	5.41185	2.64047	0.433693	1
cg09063835	PHACTR3	0.0406933	0.476948	0.812227	-1.23118	0.00834325	0.379274	-2.63661	0.189022	0.670198	-1.4921	0.303393	1.35876	1.35876	0.205953	0.681336	-1.46771	0.205042	1.46896	1.46896	0.0534478	0.532124	-1.87926	0.0711815	0.560109	-1.78537	0.108177	1.65541	1.65541	3.65987	4.79419	1.16439	1
cg11414560	PHACTR3;PHACTR3	0.00145109	0.797315	0.950396	-1.05219	0.687761	1.08314	1.08314	0.5806	1.11663	1.11663	0.365081	1.20198	1.20198	0.0481327	0.639861	-1.56284	9.89E-05	3.92136	3.92136	0.0008393	0.370413	-2.69969	0.383067	0.837929	-1.19342	0.674276	0.919834	-1.08715	10.58	6.54812	0.550146	1
cg26132363	PHACTR3;PHACTR3;PHACTR3	0.000372596	0.00436578	0.505137	-1.97966	0.000584061	0.385395	-2.59474	0.0638762	0.688269	-1.45292	0.813713	0.958547	-1.04325	0.000845586	0.406568	-2.45962	0.00571412	0.522062	-1.91548	1.78E-05	0.207434	-4.82081	0.906053	1.0214	1.0214	0.00453603	0.507528	-1.97033	15.5003	7.89703	0.452868	1
cg26159541	PHACTR3;PHACTR3;PHACTR3	0.0302149	0.308845	1.62287	1.62287	0.000648258	11.077	11.077	0.128688	2.12737	2.12737	0.178735	1.92851	1.92851	0.4242	0.687139	-1.45531	0.442877	1.43288	1.43288	0.900365	1.05927	1.05927	0.0867854	2.3859	2.3859	0.188442	1.89771	1.89771	4.07648	13.6452	2.97539	1
cg12055914	PHACTR4	0.00348294	0.0258464	0.70466	-1.41912	0.256875	0.855091	-1.16947	0.38796	0.889534	-1.12418	0.332597	1.14137	1.14137	0.129518	0.805189	-1.24194	0.127713	0.804231	-1.24342	0.00853255	0.641464	-1.55893	6.56E-05	0.379445	-2.63543	0.167377	0.823083	-1.21494	8.18577	2.26886	0.246374	1
cg21647780	PHACTR4	0.00813958	0.336754	1.16977	1.16977	0.865646	1.02717	1.02717	0.391416	1.14915	1.14915	0.556264	1.0988	1.0988	0.116801	0.763556	-1.30966	0.0726629	1.37308	1.37308	0.00169197	0.491541	-2.03442	0.00147689	0.483689	-2.06745	0.630955	0.926232	-1.07964	6.30969	2.50488	0.352879	1
cg17457884	PHACTR4	0.0148808	0.353225	0.905036	-1.10493	0.707548	0.961398	-1.04015	0.00671962	1.44362	1.44362	0.123973	0.840282	-1.19008	0.283429	0.890108	-1.12346	0.31482	1.11469	1.11469	0.0133685	0.726102	-1.37722	0.0523572	1.25921	1.25921	0.0236292	0.754067	-1.32614	5.19438	0.897654	0.153611	1
cg07192559	PHACTR4	0.0217856	0.154496	1.23848	1.23848	0.425498	1.12098	1.12098	0.0338943	1.41563	1.41563	0.0685502	0.75116	-1.33127	0.109519	0.78281	-1.27745	0.233718	1.19149	1.19149	0.00748495	0.616819	-1.62122	0.368307	1.13847	1.13847	0.0630485	1.34104	1.34104	4.56926	1.42525	0.277264	1
cg05769206	PHACTR4	0.031729	0.795454	1.04053	1.04053	0.020388	1.53339	1.53339	0.0426844	1.42881	1.42881	0.270013	0.838907	-1.19203	0.3711	1.1508	1.1508	0.00205669	1.94258	1.94258	0.883405	1.0227	1.0227	0.598055	0.921859	-1.08476	0.182987	1.24122	1.24122	4.00605	1.48395	0.329269	1
cg25150572	PHACTR4;PHACTR4	0.0159558	0.736463	1.25386	1.25386	0.274878	0.4653	-2.14915	0.952743	0.961106	-1.04047	0.426327	0.579579	-1.72539	0.00022311	0.0113007	-88.4902	0.188737	0.390456	-2.56111	0.881065	0.904631	-1.10542	0.480081	0.617719	-1.61886	0.404022	0.563509	-1.77459	5.69176	39.5402	5.40316	1
cg11803803	PHACTR4;PHACTR4	0.0170753	0.0505138	0.581005	-1.72116	0.490354	0.843076	-1.18613	0.023471	0.51716	-1.93364	0.409651	0.814289	-1.22807	0.0317165	1.84687	1.84687	0.644661	0.893021	-1.11979	0.0760348	1.6177	1.6177	0.00661539	2.36057	2.36057	0.259666	0.750902	-1.33173	4.96214	4.66496	0.835653	1
cg00956142	PHACTR4;PHACTR4	0.0476315	0.0305114	0.257284	-3.88675	0.590929	0.74845	-1.33609	0.36724	0.609806	-1.63987	0.326171	0.581966	-1.71831	0.00285504	0.111672	-8.95479	0.577223	0.740281	-1.35084	0.0400031	0.281529	-3.55203	0.928138	0.952971	-1.04935	0.0261028	0.244221	-4.09465	3.451	15.5859	4.01454	1
cg00084643	PHAX	0.000102196	0.00966648	2.19782	2.19782	0.000107606	5.16747	5.16747	0.696687	0.910094	-1.09879	0.276353	1.31299	1.31299	7.92E-06	0.0951051	-10.5147	0.0604919	0.601057	-1.66374	0.0142872	0.483535	-2.0681	0.682556	1.10395	1.10395	0.904391	0.971515	-1.02932	22.0123	20.1639	0.814247	1
cg01267270	PHAX	0.00703066	0.142501	0.695746	-1.43731	0.817576	0.948219	-1.05461	0.0176424	0.514626	-1.94316	0.0129324	0.491637	-2.03402	0.000275777	0.254009	-3.93687	0.436904	0.833181	-1.20022	0.261011	0.763563	-1.30965	0.095793	1.52347	1.52347	0.172869	0.716195	-1.39627	6.60611	5.54052	0.745508	1
cg23504032	PHAX	0.013691	0.281249	1.16355	1.16355	0.113173	1.26262	1.26262	0.00338561	1.71422	1.71422	0.749639	0.957619	-1.04426	0.00303704	0.577339	-1.73208	0.508967	0.913363	-1.09485	0.560719	0.923515	-1.08282	0.22399	1.18861	1.18861	0.149128	1.23275	1.23275	5.33887	1.54696	0.257559	1
cg18698399	PHAX	0.0145734	0.175077	0.549739	-1.81905	0.0745233	0.438564	-2.28017	0.152227	0.529268	-1.8894	0.073229	0.436579	-2.29054	0.00827413	0.246398	-4.05847	0.745247	0.873495	-1.14483	0.00214843	0.167286	-5.97779	0.450723	0.727011	-1.3755	0.00192703	0.16185	-6.17856	5.23029	14.2569	2.42296	1
cg17010657	PHAX	0.0146874	0.0225994	1.76197	1.76197	0.00515272	2.15197	2.15197	0.202975	1.32157	1.32157	0.578894	1.12334	1.12334	0.0569007	1.56366	1.56366	0.122799	1.41464	1.41464	0.00110422	2.71215	2.71215	0.0219985	1.76818	1.76818	0.0454087	1.60978	1.60978	5.21687	3.55615	0.605923	1
cg20380975	PHAX	0.0149793	0.144683	0.439508	-2.27527	0.00370498	0.127729	-7.82908	0.00560319	0.14828	-6.74398	0.141557	0.436265	-2.29219	0.0051602	0.143991	-6.94488	0.0467302	0.302731	-3.30327	0.0439674	0.296778	-3.36952	0.502016	1.42981	1.42981	0.0640259	0.335461	-2.98097	5.18306	22.605	3.87673	1
cg23114746	PHB	0.000253219	0.000207909	0.3538	-2.82646	0.00570293	1.83438	1.83438	0.00475901	1.87258	1.87258	0.948523	0.989253	-1.01086	0.195714	0.795331	-1.25734	0.084681	0.72678	-1.37593	0.111702	0.74833	-1.33631	4.28E-05	0.272159	-3.67432	0.16643	1.28009	1.28009	17.2298	7.64289	0.394299	1
cg18548413	PHB	0.000990453	9.83E-05	0.536563	-1.86371	0.00603454	1.38101	1.38101	0.00542282	0.719413	-1.39002	0.484191	0.938024	-1.06607	0.0543585	1.2171	1.2171	0.304312	0.908701	-1.10047	0.688489	0.964382	-1.03693	0.00323913	0.696706	-1.43533	0.735709	0.969972	-1.03096	11.7986	1.51339	0.114017	1
cg14523877	PHB2;EMG1;EMG1;PHB2	0.012923	0.268487	0.610232	-1.63872	0.793622	1.11717	1.11717	0.00118951	0.0968262	-10.3278	0.037405	2.94024	2.94024	0.281838	0.619462	-1.61431	0.150424	0.512923	-1.94961	?	?	?	?	?	?	0.0510213	0.373372	-2.67829	7.46278	15.6116	1.79308	1
cg14559057	PHB2;EMG1;PHB2	0.00775487	0.844127	0.91911	-1.08801	0.736794	1.15551	1.15551	0.473295	1.36688	1.36688	0.78343	1.12531	1.12531	0.798344	1.11595	1.11595	0.140917	0.507334	-1.97109	0.000101667	0.0523369	-19.107	0.521118	1.32138	1.32138	0.800936	0.897397	-1.11433	6.40651	18.6296	2.58481	1
cg04830812	PHB2;PHB2	0.0115809	0.114172	0.572366	-1.74713	0.392057	0.752223	-1.32939	0.015966	2.60646	2.60646	0.603422	1.18551	1.18551	0.00298901	0.266499	-3.75236	0.0702645	0.518381	-1.92908	0.0366133	0.454483	-2.2003	0.0564476	2.01633	2.01633	0.582616	1.19748	1.19748	5.63806	9.4146	1.48429	1
cg10818781	PHB2;PHB2;EMG1	0.00133629	0.000218223	0.0750674	-13.3214	0.106837	0.47735	-2.0949	0.0539151	0.398852	-2.50719	0.340821	0.662113	-1.51032	0.000122081	0.0597751	-16.7294	0.0145431	0.282425	-3.54076	0.00877934	0.246129	-4.06291	0.0344375	0.354815	-2.81837	0.00294368	0.179924	-5.5579	10.8333	30.2724	2.48389	1
cg15778232	PHB2;PHB2;EMG1	0.00921681	0.0119733	0.271206	-3.68724	0.00232875	0.170418	-5.86793	0.0816897	0.447963	-2.23233	0.536456	0.770634	-1.29763	0.0143743	0.284816	-3.51104	0.125036	0.501025	-1.99591	0.00295768	0.18302	-5.46389	0.00452245	0.207072	-4.82923	0.0396503	0.371499	-2.69179	6.06634	16.6436	2.43875	1
cg02915221	PHB2;PHB2;EMG1;PHB2;PHB2	0.0022129	0.317095	1.16812	1.16812	0.253735	1.19613	1.19613	0.286632	1.18088	1.18088	0.536449	1.09863	1.09863	0.0740408	0.741454	-1.3487	0.590569	0.921632	-1.08503	3.25E-05	0.297076	-3.36615	0.840461	1.03075	1.03075	0.822119	0.966732	-1.03441	9.36125	3.34733	0.317842	1
cg03774484	PHB2;PHB2;PHB2;PHB2;EMG1	0.0143937	0.976184	1.00597	1.00597	0.337559	1.21801	1.21801	0.779547	1.05757	1.05757	0.0104669	1.90182	1.90182	0.01934	1.75813	1.75813	0.270822	1.25697	1.25697	0.00346267	0.453072	-2.20715	0.137454	0.726795	-1.3759	0.189548	1.31944	1.31944	5.25174	3.30981	0.560205	1
cg03410269	PHB2;SCARNA12;PHB2	0.0259471	0.0122114	0.405172	-2.46809	0.134522	0.62696	-1.595	0.198158	0.674682	-1.48218	0.188764	0.668393	-1.49613	0.0021753	0.288102	-3.471	0.0122234	0.405246	-2.46763	0.0365091	0.494987	-2.02025	0.228343	0.693621	-1.44171	0.0510351	0.525705	-1.90221	4.30113	5.70293	1.17859	1
cg09912793	PHC1	0.00157351	0.0427144	1.60805	1.60805	0.000403323	3.14391	3.14391	0.000473166	3.0588	3.0588	0.00218227	2.39958	2.39958	0.705898	0.925708	-1.08025	0.917623	0.979154	-1.02129	0.618533	0.902836	-1.10762	0.132279	0.718378	-1.39202	0.0208715	1.76148	1.76148	10.3361	6.78737	0.583703	1
cg08146026	PHC1	0.00460182	0.00329537	0.509017	-1.96457	0.00160794	0.466259	-2.14473	0.25869	0.81974	-1.2199	0.794417	1.04503	1.04503	0.0120669	0.589817	-1.69544	0.00558035	0.541217	-1.84769	0.078369	0.719063	-1.3907	0.0373982	1.50292	1.50292	0.0661113	0.70631	-1.41581	7.52642	3.39109	0.400496	1
cg08867249	PHC1	0.00841856	0.000489849	0.647104	-1.54535	0.633842	1.03898	1.03898	0.661333	1.03575	1.03575	0.990966	1.0009	1.0009	0.00239683	0.713807	-1.40094	0.161232	0.887598	-1.12664	0.112546	0.871388	-1.14759	0.334324	0.923716	-1.08258	0.317722	1.08579	1.08579	6.24298	0.62792	0.0894047	1
cg12581035	PHC1	0.0193984	0.000932002	0.684603	-1.4607	0.072136	0.857346	-1.16639	0.0531388	0.844936	-1.18352	0.0212998	0.808778	-1.23643	0.297972	1.08625	1.08625	0.426917	0.93969	-1.06418	0.419869	0.938756	-1.06524	0.785156	1.02118	1.02118	0.08024	0.861729	-1.16046	4.75357	0.44271	0.0827842	1
cg21578869	PHC2	0.000323837	0.0541512	0.820977	-1.21806	0.0129739	1.32087	1.32087	0.4205	1.07711	1.07711	0.0189405	1.29239	1.29239	7.59E-06	2.43039	2.43039	0.0480363	1.22627	1.22627	0.00263809	1.45589	1.45589	0.183348	1.13589	1.13589	0.162614	0.874116	-1.14401	16.1091	2.0784	0.114684	1
cg19308367	PHC2	0.0386813	0.759695	1.05188	1.05188	0.0462191	0.686228	-1.45724	0.0365304	0.669887	-1.49279	0.748842	0.948417	-1.05439	0.155315	1.28493	1.28493	0.135193	1.30409	1.30409	0.00905545	1.72789	1.72789	0.317728	0.843434	-1.18563	0.7677	0.952336	-1.05005	3.72879	1.60528	0.382674	1
cg11531997	PHC2	0.0420894	0.00764424	0.267929	-3.73233	0.110027	0.5122	-1.95236	0.108755	0.510752	-1.9579	0.329144	1.4723	1.4723	0.0135337	0.309178	-3.23438	0.0177097	0.330264	-3.02788	0.220137	0.609461	-1.64079	0.62376	0.827048	-1.20912	0.492657	0.76519	-1.30686	3.61447	8.44504	2.07685	1
cg11976407	PHC2;PHC2	0.00134246	0.432655	0.877113	-1.1401	0.131924	1.30508	1.30508	0.0695097	0.71717	-1.39437	0.0619536	1.41082	1.41082	0.905505	0.980742	-1.01964	0.422577	1.14355	1.14355	4.75E-05	0.285098	-3.50757	0.0148801	1.63309	1.63309	0.16073	1.27805	1.27805	10.819	4.59427	0.377465	1
cg19746874	PHC2;PHC2	0.00856009	0.246829	1.66736	1.66736	0.000355812	11.2482	11.2482	0.0383283	2.75466	2.75466	0.897382	0.946984	-1.05598	0.8575	1.07883	1.07883	0.66453	0.831763	-1.20227	0.00782999	4.22451	4.22451	0.0147504	3.54991	3.54991	0.207724	1.75212	1.75212	6.21017	17.5299	2.50913	1
cg06179749	PHC2;PHC2	0.0131994	0.300583	1.33757	1.33757	0.00625275	2.62785	2.62785	0.00519421	2.71879	2.71879	0.222241	1.41599	1.41599	0.043893	1.87382	1.87382	0.00743243	2.5468	2.5468	0.181856	0.680957	-1.46852	0.0139796	2.27742	2.27742	0.798939	1.07166	1.07166	5.4032	6.29179	1.03507	1
cg16987567	PHC2;PHC2	0.0189844	0.612183	0.901945	-1.10871	0.0917714	1.45463	1.45463	0.714779	1.0769	1.0769	0.327394	0.81539	-1.22641	0.000766784	0.357482	-2.79734	0.247898	0.783603	-1.27616	0.067232	1.5129	1.5129	0.517032	1.14181	1.14181	0.860221	0.965045	-1.03622	4.78839	3.09037	0.573677	1
cg13446210	PHC2;PHC2	0.0294554	0.809913	1.12848	1.12848	0.436662	0.671651	-1.48887	0.363399	0.625924	-1.59764	0.0186965	4.17668	4.17668	0.145137	0.456223	-2.19191	0.499865	0.709266	-1.40991	0.757382	0.856051	-1.16815	0.00199881	8.92001	8.92001	0.553597	1.35063	1.35063	4.11348	16.3905	3.54185	1
cg15014010	PHC2;PHC2	0.042392	0.478473	0.83705	-1.19467	0.2212	0.728014	-1.3736	0.998593	1.00044	1.00044	0.938451	0.981117	-1.01925	0.0182091	0.492804	-2.02921	0.116892	1.5227	1.5227	0.0185928	0.494415	-2.02259	0.0547024	0.583951	-1.71247	0.0187145	0.49492	-2.02053	3.60488	3.47885	0.857812	1
cg09681360	PHC3	4.50E-08	0.000637243	0.560206	-1.78506	0.00493636	0.662758	-1.50885	5.43E-10	0.0248236	-40.2843	?	?	?	0.165872	1.17733	1.17733	0.000426453	1.85198	1.85198	0.360805	0.901418	-1.10936	0.814884	0.974422	-1.02625	0.630178	1.05506	1.05506	165.378	28.4159	0.171824	1
cg26086731	PHC3	0.000583292	0.247364	1.17542	1.17542	0.00633728	0.621925	-1.60791	0.000707849	0.501818	-1.99276	0.381401	0.886949	-1.12746	0.00157925	0.54536	-1.83365	0.00653315	0.623625	-1.60353	2.99E-05	0.335517	-2.98048	0.0376882	0.724602	-1.38007	0.100102	0.786031	-1.27221	13.6913	3.87201	0.251386	1
cg03603669	PHC3	0.00103577	0.0227541	0.765125	-1.30698	0.00167368	0.643174	-1.55479	0.37213	0.913941	-1.09416	0.0643958	0.815414	-1.22637	0.0677625	0.817958	-1.22256	0.0646642	0.815621	-1.22606	0.532199	1.06411	1.06411	0.00478824	1.44442	1.44442	9.10E-05	0.503148	-1.98749	11.6498	1.77953	0.13578	1
cg25380514	PHC3	0.00107093	0.0328983	0.529685	-1.88791	0.217478	0.718617	-1.39156	5.69E-05	0.149072	-6.70819	0.497203	1.19189	1.19189	0.000322386	0.227249	-4.40047	0.00704085	0.41181	-2.4283	0.150586	0.675451	-1.48049	0.0677402	0.593845	-1.68394	0.00956498	0.433598	-2.30629	11.5398	11.8536	0.913063	1
cg02784232	PHC3	0.00163534	0.0155054	0.429854	-2.32637	0.00489288	0.346269	-2.88793	0.0117478	0.40859	-2.44744	0.118088	0.6172	-1.62022	0.650804	0.878463	-1.13835	0.0519827	0.533273	-1.87521	6.07E-05	0.121748	-8.21371	0.00170467	0.279692	-3.57536	0.0125886	0.413813	-2.41655	10.2217	13.0915	1.13845	1
cg25631489	PHC3	0.00289306	0.00271638	0.14454	-6.91849	0.00228044	0.136281	-7.33776	0.00519871	0.178573	-5.59997	0.0602631	0.371626	-2.69088	0.00375753	0.160861	-6.21654	0.00926911	0.213877	-4.67557	0.000965652	0.100742	-9.92638	0.00423717	0.167249	-5.97911	0.0214084	0.274911	-3.63754	8.6508	29.8955	3.07183	1
cg04067573	PHC3	0.00329716	0.251169	0.768606	-1.30106	0.00372304	0.423138	-2.36329	0.000197548	0.253333	-3.94738	0.411812	1.20226	1.20226	0.115439	1.45596	1.45596	0.422605	0.835436	-1.19698	0.0245295	0.555426	-1.80042	0.30525	1.26243	1.26243	0.389891	1.21337	1.21337	8.32093	6.34995	0.678337	1
cg08487579	PHC3	0.00622339	0.48364	1.16132	1.16132	0.0210638	1.79128	1.79128	0.008622	2.02119	2.02119	0.667641	0.913242	-1.095	0.00351283	0.435309	-2.29722	0.0156605	0.536635	-1.86346	0.216108	0.760723	-1.31454	0.0221346	0.561937	-1.77956	0.892935	1.0287	1.0287	6.86121	4.79641	0.621388	1
cg02428072	PHC3	0.00632247	0.238493	0.791787	-1.26297	0.00444818	0.48793	-2.04947	0.0151968	0.569005	-1.75745	0.749316	0.941178	-1.0625	0.00413275	0.483268	-2.06925	0.0115167	0.550127	-1.81776	0.000634387	0.370647	-2.69799	0.144244	0.74333	-1.3453	0.0387075	0.635902	-1.57257	6.82774	3.86671	0.503399	1
ch.3.3299193F	PHC3	0.00697657	?	?	?	0.0288792	0.23149	-4.31984	0.0329761	0.242632	-4.12147	0.000227329	0.0308136	-32.4532	?	?	?	0.656267	0.775389	-1.28968	0.198881	0.462563	-2.16187	0.830445	0.885345	-1.1295	0.664619	0.78058	-1.2811	6.9331	27.543	4.5402	1
cg21216268	PHC3	0.0103293	0.0669435	0.446659	-2.23884	0.00321664	0.206411	-4.84471	0.00517485	0.234901	-4.25711	0.260408	1.58515	1.58515	0.00661119	0.250656	-3.98953	0.0228282	0.343349	-2.91249	0.261884	0.631831	-1.5827	0.576855	1.2476	1.2476	0.0511995	0.41838	-2.39017	5.84961	14.2686	2.16821	1
cg12882628	PHC3	0.011305	0.0058866	0.742499	-1.3468	0.271868	1.0991	1.0991	0.749834	1.02678	1.02678	0.0197802	0.792542	-1.26176	0.054176	1.19786	1.19786	0.907997	0.990494	-1.0096	0.0054104	0.739005	-1.35317	0.945234	1.00569	1.00569	0.0773688	1.17611	1.17611	5.68218	0.614241	0.0960886	1
cg24159550	PHC3	0.0164692	0.735591	1.06603	1.06603	0.717805	0.933821	-1.07087	0.975974	1.0057	1.0057	0.121334	0.728412	-1.37285	0.548009	1.12152	1.12152	0.157524	0.751903	-1.32996	0.00244625	0.451409	-2.21529	0.00383154	2.08636	2.08636	0.975928	0.994324	-1.00571	5.02241	2.83125	0.501087	1
cg19832700	PHC3	0.0173112	0.171151	1.1984	1.1984	0.626042	0.940824	-1.0629	0.0178431	0.699298	-1.43	0.962623	0.994196	-1.00584	0.0614044	0.769694	-1.29922	0.722725	0.956713	-1.04525	0.000988501	0.544419	-1.83682	0.0403408	0.745146	-1.34202	0.133173	0.817728	-1.2229	4.93939	1.20692	0.217196	1
cg20664034	PHEX	0.00101412	0.0611437	0.491373	-2.03512	0.253404	0.669203	-1.49432	0.0151413	0.366075	-2.73168	0.452077	0.772611	-1.29431	0.00176555	0.223145	-4.4814	0.382551	1.35196	1.35196	2.23E-05	0.0570231	-17.5368	0.792432	1.09287	1.09287	0.036232	0.44042	-2.27056	11.7198	21.0481	1.59639	1
cg00606069	PHEX	0.00370766	0.790128	0.90725	-1.10223	0.597396	0.823253	-1.21469	0.00892947	0.297065	-3.36626	0.530722	0.793159	-1.26078	9.84E-05	0.0801313	-12.4795	0.41688	1.35359	1.35359	0.0537508	2.22375	2.22375	0.509067	0.783157	-1.27688	0.780751	1.10718	1.10718	8.03381	16.9425	1.87457	1
cg27592862	PHEX	0.00508792	0.0679464	0.612871	-1.63167	0.00743032	0.437932	-2.28346	0.00261356	0.368528	-2.71349	0.016104	0.493989	-2.02434	0.000672347	0.28775	-3.47524	0.381248	0.806483	-1.23995	0.786187	1.06728	1.06728	0.36087	1.25225	1.25225	0.0239868	0.524721	-1.90577	7.29963	6.6304	0.807396	1
cg10994343	PHEX	0.0221539	0.866525	0.963157	-1.03825	0.0080543	0.468846	-2.1329	0.00795512	0.467989	-2.1368	0.743063	1.07617	1.07617	0.517736	0.863859	-1.1576	0.376726	1.22437	1.22437	0.00341356	0.411514	-2.43005	0.915082	0.976478	-1.02409	0.168078	0.72049	-1.38794	4.54306	3.58319	0.701083	1
cg15325759	PHEX	0.039213	0.173048	0.362935	-2.75532	0.00974818	0.101766	-9.82644	0.0103917	0.104779	-9.5439	0.730301	1.27368	1.27368	0.010874	0.106964	-9.34894	0.060367	0.227501	-4.39558	0.0745436	0.249384	-4.00987	0.342072	0.504439	-1.9824	0.21484	0.401414	-2.49119	3.71016	28.7146	6.87951	1
cg10906663	PHEX;PHEX	0.000986092	0.821643	1.05188	1.05188	0.00161252	0.363187	-2.7534	0.000513177	0.296794	-3.36935	0.137555	0.69892	-1.43078	0.000321313	0.271475	-3.68358	0.23872	1.31838	1.31838	0.0108617	2.04706	2.04706	0.885494	1.0328	1.0328	0.751243	1.07384	1.07384	11.8133	9.38738	0.706348	1
cg25437005	PHEX;PHEX	0.00133151	0.857046	0.931908	-1.07307	0.00232078	0.189436	-5.27883	0.000706198	0.132818	-7.52913	0.00432928	0.225051	-4.44345	0.000505039	0.119301	-8.38214	0.480482	1.32378	1.32378	0.0564051	2.32763	2.32763	0.286181	1.54216	1.54216	0.707371	0.862875	-1.15892	10.8444	26.2706	2.15333	1
cg08540840	PHF10;PHF10	0.000271855	0.843271	0.974566	-1.0261	0.00123287	1.84947	1.84947	0.000234913	2.21146	2.21146	0.0498278	1.33799	1.33799	0.610741	1.06909	1.06909	0.201217	0.838892	-1.19205	3.83E-05	0.357808	-2.7948	0.999127	1.00014	1.00014	0.584018	0.930565	-1.07462	16.8992	4.53361	0.238466	1
cg15038512	PHF10;PHF10	0.00299436	0.672003	0.766466	-1.30469	0.00577518	10.5704	10.5704	0.0260013	5.44226	5.44226	0.0373989	0.213733	-4.67874	0.00224705	0.0595513	-16.7922	0.703218	0.787408	-1.26999	0.367521	1.78594	1.78594	0.00231702	0.0604961	-16.53	?	?	?	10.2892	55.2066	4.69478	1
cg10971638	PHF10;PHF10	0.00938169	0.00902004	0.647009	-1.54557	0.00709216	0.633646	-1.57817	0.0066977	0.630478	-1.5861	0.270451	0.860285	-1.1624	0.300113	0.868636	-1.15123	0.206825	0.839784	-1.19078	0.749476	0.958851	-1.04291	0.0646905	0.761745	-1.31278	0.00894308	1.54671	1.54671	6.03222	1.64337	0.242162	1
cg16740543	PHF10;PHF10	0.0289597	0.400631	1.07708	1.07708	0.708942	1.03289	1.03289	0.150817	1.14212	1.14212	0.0610083	0.83341	-1.19989	0.0731121	1.18827	1.18827	0.014915	0.772297	-1.29484	0.541501	0.948056	-1.05479	0.0707989	1.19033	1.19033	0.0247807	1.25941	1.25941	4.13826	0.488192	0.104862	1
cg04353997	PHF10;PHF10	0.032484	0.0117415	0.375403	-2.6638	0.860222	0.946617	-1.05639	0.571554	1.19477	1.19477	0.658653	1.14841	1.14841	0.00366066	0.294292	-3.39799	0.570432	0.836539	-1.1954	0.579648	1.19023	1.19023	0.322658	1.37434	1.37434	0.0984973	1.75761	1.75761	3.97246	6.09503	1.36384	1
cg09997676	PHF11;PHF11	0.0289054	0.0582086	4.40301	4.40301	0.0139036	8.20087	8.20087	0.0718859	4.02019	4.02019	0.171756	2.7384	2.7384	0.475045	1.65366	1.65366	0.110992	3.32786	3.32786	0.00193876	20.8321	20.8321	0.0194809	7.06717	7.06717	0.0967604	3.53392	3.53392	4.14101	31.4466	6.75018	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(p-value/1047 vs. N)	Fold-Change(p-value/1050 vs. N)	Ratio(1057 vs. 1047)	Fold-Change(p-value/1057 vs. N)	Ratio(1117 vs. 1047)	Fold-Change(p-value/1117 vs. N)	Ratio(1127 vs. 1047)	Fold-Change(p-value/1127 vs. N)	Ratio(1217 vs. 1047)	Fold-Change(p-value/1217 vs. N)	p-value(3477 vs. N)	Fold-Change(p-value/3477 vs. N)	p-value(3537 vs. N)	Fold-Change(p-value/3537 vs. N)	Ratio(3537 vs. 3477)	Fold-Change(p-value/5377 vs. N)	Ratio(5377 vs. 3477)	Fold-Change(p-value/5377 vs. N)	p-value(5 vs. N)	Fold-Change(p-value/5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21529248	PHF11;PHF11	0.0298398	0.242827	4.12317	1.51337	0.00825504	0.13947	0.31847	0.0628063	3.7266	3.7266	0.4146095	1.64849	1.64849	0.1884636	0.774221	1.29162	0.0356662	4.6334	4.6334	0.00340772	11.9951	11.9951	0.0012092	4.94409	0.94409	0.2717178	2.04916	4.09461	25.5042	5.53665	1
cg21320768	PHF11;PHF11	0.0425975	0.471542	1.501	1.50	0.00719327	0.84805	0.848055	0.4864105	1.48021	1.48021	0.493186	0.679824	-1.47097	0.259039	0.52048	1.9213	0.1691152	2.25315	2.25315	0.00644185	7.13395	7.13395	0.112143	2.60977	2.60977	0.963378	0.974859	-1.02579	3.59841	17.5262	4.32938	1
cg00092518	PHF11;PHF11;PHF11	0.022021	0.0599596	7.76249	7.76249	0.0954914	5.86201	5.86201	0.0773926	6.65756	6.65756	0.29539	2.85143	2.85143	0.8030888	0.785638	-1.27285	0.0655262	7.35939	7.35939	0.000824617	129.643	129.643	0.0185937	15.728	15.728	0.14513	4.53062	4.55245	67.2306	13.1271	1
cg16400238	PHF12	0.0302125	0.0524665	1.84573	1.84573	0.8475431	1.05481	1.054808	0.477145	1.2222	1.2222	0.0349495	1.97827	1.97827	0.447889	0.806773	-1.23951	0.3734959	1.28869	1.28869	0.0102449	2.45571	2.45571	0.0056974	1.73612	1.73612	0.0220215	1.14353	1.47007	4.97474	1.68487	1
cg09679979	PHF12;PHF12	0.000791293	0.111382	4.810882	-2.39188	0.0207267	0.45709	0.05709	0.824104	1.11846	0.691964	0.12156	1.21566	1.21566	?	?	?	0.184399	2.03	2.03	?	?	?	2.92E-05	0.0161919	-61.7591	0.838365	0.902383	15.2325	41.2856	3.56036	1
cg22149419	PHF12;PHF12	0.00190063	0.00380515	0.380575	-2.62761	0.00229754	0.363573	-2.75048	0.000972459	0.311833	-3.20703	0.0422165	0.573708	-1.74305	0.106542	0.658078	-1.51958	0.7084637	0.916668	-1.09129	0.0133631	0.55411	-1.8047	0.00372443	2.53511	2.53511	0.407332	0.817707	-1.22293	9.6551	8.6208	0.793667	1
cg11208313	PHF12;PHF12	0.00566903	0.223713	0.781494	-1.2796	0.0185336	1.73456	1.73456	0.209364	1.29071	1.29071	0.120005	0.722301	-1.38446	0.11159	1.39687	1.39687	0.000257458	3.19098	3.19098	0.391832	0.844334	-1.18436	0.131705	1.36866	1.36866	0.339573	0.827088	-1.20906	7.06156	4.16037	0.523695	1
cg10147090	PHF12;PHF12	0.00934134	0.0157004	0.972204	-5.0709	0.0156511	0.271869	-3.67826	0.00188889	0.0849787	-11.7677	0.787676	0.86407	-1.15464	0.003203881	0.172292	-5.80573	0.2098337	0.49208	-2.03219	0.0128127	0.192699	-5.18943	0.4959069	1.44631	1.44631	0.07997881	0.355031	-2.81665	6.06121	27.2353	3.99411	1
cg08806622	PHF12;PHF12	0.010931	0.00384712	0.426788	-2.33717	0.00778593	1.78286	-1.78286	0.749651	0.947264	-1.05567	0.124847	0.757236	-1.32059	0.103744	0.740021	-1.35131	0.4677515	1.1332	1.1332	0.744722	1.05685	0.65685	0.517161	0.894818	-1.11755	0.793751	0.783751	-1.27595	5.74415	0.803167	1
cg08657247	PHF12;PHF12	0.0237773	0.034439	0.586774	-1.70423	0.0114248	0.50453	-1.98204	0.0164695	0.522299	-1.91461	0.131354	1.42195	1.42195	0.290556	0.788952	-1.26751	0.533487	1.14603	1.14603	0.0347296	0.587438	-1.70231	0.0203235	0.546329	-1.8304	0.452548	0.847563	-1.17985	4.43368	3.2798	0.657553	1
cg17445097	PHF12;PHF12	0.0122423	0.39616	2.71926	1.3691	0.0453913	1.81683	1.81683	0.3833173	2.47142	2.47142	0.0875865	1.22098	1.22098	0.0488146	0.819473	-2.03973	0.2133884	1.6438	1.6438	0.150204	1.48909	1.48909	0.0083559	6.72907	6.72907	0.050266	1.22726	1.22726	3.9831	9.00741	2.02442	1
cg03106413	PHF13	0.00973694	0.0444399	-2.90281	0.0112831	0.355442	-2.8134	0.110692	0.567508	-1.76209	0.221229	1.52062	1.52062	0.0033101	0.218518	4.57628	0.200012	0.643229	-1.55466	0.0116963	0.358154	-2.7921	0.446274	1.28793	1.28793	0.270246	0.687864	-1.45378	0.62907	10.1441	1.49558	1
cg00967405	PHF13	0.00954452	0.399297	0.5953164	-1.08276	0.180221	1.1402	1.1402	0.7368862	0.98652	-1.08133	0.172628	1.54111	1.54111	0.002028402	0.562609	-1.77743	0.4904882	0.937496	-1.06636	0.18949	1.13701	1.13701	0.171112	0.966301	-1.03487	0.59025	0.806823	0.119544	1
cg02900253	PHF13	0.0103593	0.872452	1.10285	1.10285	0.0254313	0.628454	-1.59121	0.64078	1.08565	1.08565	0.004660961	1.59092	1.59092	0.00211049	0.628455	-1.5907	0.0675274	1.43074	1.43074	0.705342	0.935728	-1.06869	0.811147	0.959003	-1.04275	0.99764	0.999483	-1.00052	5.84417	2.83054	0.430521	1
cg10989359	PHF13	0.0122697	0.884532	1.02778	1.02778	0.0588982	1.49513	1.49513	0.000425185	0.349182	-2.86383	0.164477	1.32265	1.32265	0.196215	0.77069	-1.29754	0.275152	1.23869	1.23869	0.363398	1.19303	1.19303	0.770639	0.946376	-1.05666	0.754698	1.06087	1.06087	0.533341	3.11516	0.50042	1
cg06778653	PHF13	0.0150503	0.0182102	0.521887	-1.91569	0.0410597	1.24757	1.24757	0.0233412	0.479624	-2.08555	0.0422165	0.573708	-1.74305	0.106542	0.658078	-1.51958	0.7084637	0.916668	-1.09129	0.0133631	0.55411	-1.8047	0.00372443	2.53511	2.53511	0.407332	0.817707	-1.22293	9.6551	8.6208	0.793667	1
cg10949451	PHF13	0.0393579	0.197654	1.24103	1.24103	2.3877	1.21611	1.21611	0.0186339	1.5719	1.5719	0.975106	0.995064	-1.00496	0.10156	0.752568	-1.32878	0.0974116	0.749434	-1.33434	0.0226556	0.648741	-1.54145	0.86578	1.02719	1.02719	0.126663	1.29953	1.29953	3.70513	1.47567	0.354025	1
cg20803783	PHF13	0.0477129	0.585698	0.629162	-1.5922	0.363652	2.20865	2.20865	0.203795	1.07821	1.07821	0.538883	1.64798	1.64798	0.001152808	0.0176612	-56.6201	0.746959	1.31465	1.31465	0.660664	1.44172	1.44172	0.93435	0.932749	1.0721	0.982069	1.01917	1.01917	1.44878	30.0042	10.053	1
cg14782541	PHF14;PHF14	0.166993	1.13222	1.13222	1.85158	0.850916	-1.7752	0.0238661	0.79672	-1.25515	0.916622	0.10919	0.000993	0.854705	1.16991	0.25304	0.904281	-1.10585	6.59E-05	6.59E-05	1.84407	0.0537483	1.20275	1.20275	0.00202515	0.692854	-1.44331	12.4076	1.39621	0.100025	1
cg20819769	PHF14;PHF14	0.0013602	0.00171645	0.631387	-1.58382	0.940866	0.992406	-1.00765	0.0313595	1.29624	1.29624	0.00252569	0.649968	-1.53854	0.170261	0.860643	-1.16192	0.0026575	0.652585	-1.53237	0.00201094	1.56492	1.56492	0.0676447	0.810296	-1.23412	0.726107	1.0368	1.0368	10.7784	1.80234	0.148638	1
cg24491907	PHF14;PHF14	0.00211978	0.00012448	0.178115	-5.61649	0.973009	0.907134	-1.10233	0.0823886	0.765525	-1.30624	0.0758661	0.765525	-1.30624	0.0758661	0.765525	-1.30624	0.729115	0.971365	-1.02949	0.838109	0.920926	-1.08586	0.6925778	1.32546	1.32546	0.0967402	1.56459	1.54467	0.90767	1.04857	0.888228	0.841648	1
cg20830752	PHF14;PHF14	0.00706655	0.00802665	0.527753	-1.89483	0.000817568	0.387036	-2.58374	0.25039	0.797717	-1.25358	0.0940719	0.707241	-1.41395	0.518779	0.884192	-1.13098	0.057437	0.667407	-1.49834	0.422894	1.16652	0.043608	0.646269	-1.54734	0.0016974	0.140148	2.32487	0.75575	3.69851	0.498446	1
cg20772238	PHF14;PHF14	0.0853761	0.0014324	1.44011	1.196468	0.17245	1.12343	1.12343	0.275354	0.705104	1.39291	0.0192911	0.159674	1.84554	0.138266	0.728139	1.37316	0.0270262	0.479257	2.08657	0.0136494	1.10676	0.0016558	1.80858	1.89013	0.0158802	1.49314	4.44721	1.29984	1.80775	1.53257	2.60858	0.247216	1
cg25353468	PHF14;PHF14	0.0159453	0.644876	0.85906	-1.16406	0.0399195	0.564745	-1.77071	0.213423	0.651242	-1.53553	0.294571	1.42739	1.42739	0.0590324	0.497651	2.00944	0.59991	1.18916	1.18916	0.000853465	0.193946	-5.15607	0.278242	1.44638	1.44638	0.0216816	0.405645	-2.46521	5.07677	8.65135	1.50846	1
cg05644151	PHF14;PHF14	0.0169516	0.988409	0.99726	-1.00275	0.92656	0.982736	-1.01757	0.150186	0.794727	-1.33825	0.110297	1.38922	1.38922	0.0001931668	0.535144	-1.86866	0.655965	1.08839	1.08839	0.158064	1.32987	1.32987	0.0971864	1.41038	1.41038	0.0264369	0.608263	-1.64403	3.79167	2.14276	0.502333	1
cg02730486	PHF14;PHF14	0.0418894	0.0960501	0.538939	-1.85497	0.0154721	2.49748	2.49748	0.0233861	0.479624	-2.08555	0.0422165	0.573708	-1.74305	0.106542	0.658078	-1.51958	0.0847037	0.722726	1.38383	0.0154722	0.644272	0.470407	2.12564	0.754707	-1.33208	0.0038354	-11.925	0.549452	2.82876	0.686115	4.05748	1
cg20963428	PHF14;PHF14;PHF14;PHF14	0.0319967	0.9262397	0.972442	-1.02834	0.8656502	0.950165	-1.05245	0.000994109	2.67142	2.67142	0.8616056	0.932095	-1.07285	0.410513	1.28915	1.28915	0.5144881	1.22078	1.22078	0.00324514	0.2977755	-3.35846	0.682934	1.13194	1.13194	0.137922	1.61947	1.61947	3.99402	5.76093	1.28212	1
cg19104076	PHF15	0.0013727	0.0013727	0.14532	-7.26648	0.0010657	0.385188	-2.59613	0.0554433	0.531407	-1.8818	0.0264286	0.457453	-2.18602	0.0068724	0.353476	-2.82904	0.3328297	0.841995	-1.18763	0.0003663397	0.0002902	-2.78503	0.7990988	0.93049	-1.04068	0.595373	0.012693	1.05466	6.63144	6.72389	0.408981	1
cg06019726	PHF15	0.00112842	0.0648501	0.791712	-1.26309	0.0466399	0.773638	-1.29256	0.00156555	1.66832	1.66832	0.110357	1.21652	1.21652	0.302641	0.886675	-1.12781	0.148367	1.897766	-1.19081	0.000566808	0.508158	-1.68502	0.672372	0.67372	0.513015	1.07759	0.177559	11.3694	2.28469	0.178623	1
cg04842522	PHF15	0.00550144	0.326859	1.08092	1.08092	0.197256	0.876292	-1.11857	0.379393	0.933026	-1.07178	0.0530027	1.18416	1.18416	0.0367749	1.20501	1.20501	0.0827374	1.15918	1.15918	0.036027	0.8290551	-1.2062	0.010296	1.28216	1.28216	0.000844581	1.47083	1.47083	7.12698	0.667058	0.083196	1
cg00404364	PHF15	0.0140503	0.527713	0.89496	-1.11753	0.373009	0.967134	-1.03403	0.0823854	0.945305	-1.05768	0.2128557	1.14259	1.14259	0.0405209	1.43705	1.43705	0.2709098	0.739993	-1.35098	0.0265604	0.6147197	-1.62653	0.2184225	1.34671	1.34671	0.0195645	1.56567	1.47907	3.67354	0.887483	0.181877	1
cg04560931	PHF15	0.0156048	0.0696273	0.267556	-3.73753	0.0322742	0.16172	0.16172	0.0104784	0.84358	0.845358	0.0677936	0.26459	-3.77943	0.0194038	0.155652	6.42457	0.260395	0.470326	-2.12619	?	?	?	0.169569	2.56855	2.56855	0.662374	1.32415	1.83554	32.7811	4.91531	1
cg14888320	PHF15	0.0185371	0.0014324	0.698134	-1.43196	0.0136468	1.12144	1.12144	0.275354	0.705104	1.39291	0.0192911	0.159674	1.84554	0.138266	0.728139	1.37316	0.0270262	0.479257	2.08657	0.0136494	1.10676	0.0016558	1.80858	1.89013	0.0158802	1.49314	4.44721	1.29984	1.80775	1.53257	2.60858	0.247216	1
cg07525804	PHF15	0.0190598	0.11729	0.528422	-1.89243	0.663047	0.848424	-1.17866	0.00480003	0.24581	-4.06818	0.480388	0.764178	-1.3086	0.001095454	0.163947	6.08282	0.4780778	0.76306	-1.31051	0.101862	0.510997	-1.95696	0.0492061	0.430966	-2.32037	0.0316821	0.394531	-2.53465	4.78198	10.6466	1.97901	1
cg21194015	PHF15	0.0226187	0.678436	1.1882	1.1882	0.140857	1.19254	1.19254	0.0265951	0.29635	-3.37353	0.0419339	0.14033	0.88331	0.0062	1.06262	0.64664	0.8262041	-1.21036	0.0031709	0.146746	-6.81448	0.712857	1.16519	1.16519	0.197294	1.7572	1.7572	0.266071	1.61496	1.61496	0.45105	12.2211	2.40828	1
cg13787653	PHF15	0.029671	0.309667	1.2884792	1.2884792	1.5168	1.12343	1.12343	1.275354	1.705104	0.709999	0.0449954	1.08119	-1.08119	0.4481959	1.08119	0.924732	0.0200152	0.587843	1.70147	0.0019481	1.46183	0.0068194	2.0082	2.00582	0.107467	0.602916	0.441144	0.44721	1.20984	0.413775	2.92903	0.247216	1
cg18145011	PHF15	0.0230743	0.0193731	1.61359	1.61359	0.146847	1.30144	1.30144	0.0172993	1.63331	1.63331	0.0929438	1.36723	1.36723	0.194636	1.26133	1.26133	0.811527	1.04125	1.04125	0.0131027	0.594116	-1.68317	0.395881	0.863186	-1.1585	0.252707	0.816959	-1.22405	4.47987	2.03166	0.40312	1
cg13646941	PHF15	0.0169516	0.988409	0.99726	-1.00275	0.92656	0.982736	-1.01757	0.150186	0.794727	-1.33825	0.110297	1.38922	1.38922	0.0001931668	0.535144	-1.86866	0.6559065	1.08839	1.08839	0.158064	1.32987	1.32987	0.0971864	1.41038	1.41038	0.0264369	0.608263	-1.64403	3.79167	2.14276	0.502333	1
cg02520688	PHF16;PHF16	0.0131462	0.370673	1.37168	1.37168	0.0361569	0.515068	-1.94149	0.0525566	0.4872	-2.05222	0.0422165	0.573708	-1.74305	0.106542	0.658078	-1.51958	0.0847037	0.722726	1.38383	0.0154722	0.644272	0.470407	2.12564	0.754707	-1.33208	0.0038354	-11.925	0.549452	2.82876	0.686115	4.05748	1
cg10021693	PHF16;PHF16	0.0154203	0.283432	1.47607	1.47607	0.00618117	0.287175	-3.4822	0.0488	0.455576	-2.19502	0.0943534	0.52596	-1.90129	0.00254602	0.231549	-4.31874	0.3598644	1.0637	1.0637	0.813478	1.08609	0.08609	0.604914	0.833311	-1.20003	0.0129826	0.340562	-2.93632	5.13352	9.92534	1.71861	1
cg16460943	PHF16;PHF16	0.0150693	0.389113	1.3513	1.3513	0.0233451	0.628887	-1.59092	0.0554433	0.531407	-1.8818	0.0264286	0.457453	-2.18602	0.0068724	0.353476	-2.82904	0.3328297	0.841995	-1.18763	0.0003663397	0.0002902	-2.78503	0.7990988	0.93049	-1.04068	0.595373	0.012693	1.05466	6.63144	6.72389	0.408981	1
cg22560211	PHF16;PHF16	0.0189283	0.944686	1.03411	1.03411	0.477101	0.705021	-1.4184	0.0516905	0.342764	-2.91746	0.0384701	0.313667	-3.18809	0.0022583	0.126638	-7.89654	0.347773	1.59589	1.59589	0.0613618	0.360888	-2.77094	0.629213	0.790179	-1.26522	0.17497	0.497816	-2.14348	5.09562	0.738209	0.137444	3.2913	1
cg17233452	PHF17	0.0106316	0.776316	1.6461	1.6461	0.0115721	2.49748	2.49748	0.0233861	0.479624	-2.08555	0.0422165	0.573708	-1.74305	0.106542	0.658078	-1.51958	0.4232251	1.2276	1.2276	0.0033419	0.2977755	-3.35846	0.682934	1.13194	1.13194	0.137922	1.61947	1.61947	3.99402	5.76093	1.28212	1
cg00884389	PHF17;PHF17	0.0002560079	0.00015513	0.0479282	-20.8645	0.00227894	5.99835	5.99835	0.000954322	8.35385	8.35385	?	?	?	?	?	?	?	0.198121	1.66662	1.66662	0.00890388	3.83369	3.83369	33.7204	38.2774	1.36217	1
cg12676803	PHF17;PHF17	0.0007763157	0.0077315	0.343253	-2.9133	0.0106507	0.385188	-2.59613	0.0554433	0.531407	-1.8818	0.0264286	0.457453	-2.18602	0.0068724	0.353476	-2.82904	0.0004037327	0.26321	-3.79925	0.000706723	0.1784975	-5.45453	0.1609255	0.0001	1.22371	0.0020874244	0.241339	-4.14372	12.4994	11.6036	0.812188	1
cg00164670	PHF17;PHF17	0.00190052	0.207266	0.759353	-1.31693	0.000255896	3.47791	3.47791	0.00739965	2.04268	2.04268	0.0131671	0.52926	-1.88493	0.691607	0.920783	-1.08603	0.8748393	0.967911	-1.03315	0.0449703	0.75421	-1.32614	0.8210339	-1.23451	0.78226	0.946205	-1.05902	9.78614	0.445026	-1.05902	9.78614	1
cg22868951	PHF17;PHF17	0.0144663	0.0318766	0.443853	-2.253	0.331608	0.723597	-1.38198	0.0360317	0.454929	-2.19814	0.84949	0.940486	-1.06328	0.0864714	0.542458	-1.84346	0.0110507	0.357237	-2.79926	0.00122951	0.2172274	-4.60249	0.13775	0.596775	-1.67567	0.006187102	0.315653	-3.16804	5.24543	8.66592	1.46852	1
cg03169119	PHF17;PHF17	0.1180743	0.4183832	1.77005	1.77005	0.0148313	2.121	2.121	0.0170307	1.55027	1.55027	0.7196019	0.93522	-1.06933	0.0656266	0.41747	-2.39571	0.926242	0.991146	1.00535	0.9855381	0.99564	-1.00435	0.9896473	0.875961	-1.14139	0.0980273	0.840083	-1.19056	4.83828	0.75708	0.129777	1
cg14372486	PHF17;PHF17	0.0192709	0.456736	1.73973	1.73973	0.551891	0.876996	-1.14026	0.0156453	0.524025	-1.9083	0.139887	1.41395	1.41395	0.0491124	1.63204	1.63204	0.646413	0.904177	-1.10598	0.260526	0.774204	-1.29165	0.0424913	0.600831	-1.66436	0.0429324	0.601672	-1.66203	3.70815	2.79289	0.66949	1
cg00639385	PHF17;PHF17;PHF17;PHF17	0.0026390355	0.0251172	0.797441	-1.25426	0.0107144	0.311331	-3.21281	0.0054258	0.208828	2.08828	0.162159	1.35399	1.35399	0.0054856	0.704401	-1.41964	0.0909533	0.849654	1.17704	0.0181967	0.7704602	-1.29764	0.8161957	0.847982	-1.17955	0.0226454	0.779588	-1.28865	0.209615	1.13529	1.13529	1.13467	0.129622	1
cg14617908	PHF17;PHF17;PHF17;PHF17	0.0152233	0.905145	0.99063	-1.00946	0.0288189	1.23687	1.23687	0.2472134	1.10494	1.10494	0.1223382	0.871418	-1.14755	0.877215	0.9387331	-1.01283	0.2566337	1.10257	1.10257	0.06164426	0.7448069	-1.34263	0.0209767	0.795305	-1.25708	0.2494919	0.10436	-1.10436	4.46994	0.481445	0.09573	1
cg05834805	PHF19	0.0145602	0.0388116	4.55334	4.55334	0.0437913	4.34201	4.34201	0.0793339	3.43533	3.43533	0.11717	2.59386	2.59386	0.0365383	4.66066	4.66066	0.0376565	6.67085	6.67085	0.00120108	20.2114	20.2114	0.00522155	10.3193	10.3193	0.0260438	5.30198	5.23186	33.2662	5.6519	1
cg03808355	PHF19	0.041882	0.0406502	4.66706	4.66706	0.0409264	4.30984	4.30984	0.0788152	3.42992	3.42992	0.116354	2.57396	2.57396	0.0363004	4.63133	4.63133	0.0383646	6.74297	6.74297	0.00119777	20.0844	20.0844	0.0049357	10.6739	10.6739	0.0270602	5.47364	5.38474	33.6271	5.61283	1
cg19543058	PHF19	0.0491095	0.0537708	35.3278	35.3278	0.0661792	28.6327	28.6327	0.0699565	27.0656	27.0656	0.0908332	20.7457	20.7457	0.204779	8.82846	8.82846	0.1034277	18.1586	18.1586	0.010753	184.333	184.333	0.00857028	234.744	234.744	0.0434281	43.8418	43.8418	0.341133	143.153	37.3014	1
cg20388253	PHF19;PHF19	0.0040045	0.0192318	5.57553	5.57553	0.0106507	0.385188	-2.59613	0.0554433	0.531407	-1.8818	0.0264286	0.457453	-2.18602	0.0068724	0.353476	-2.82904	0.3598644	1.0637	1.0637	0.813478	1.08609	0.08609	0.604914	0.833311	-1.20003	0.0129826	0.340562	-2.93632	5.13352	9.92534	1.71861	1
cg13501527	PHF19;PHF19	0.0236407	0.0356184	2.99778	-3.3358	0.561957	0.344666	-2.90136	0.317041	0.6081	-1.66442	0.0264046	0.273423	-3.65733	0.0321841	0.290596	3.4412	0.0831774	0.0610641	16.3809	0.0002665	0.0001375	0.107041	-9.08595	0.0302857	0.285128	3.50609	4.44252	0.17007	34.1562	1
cg21179713	PHF19;PHF19	0.0189447	0.380888	0.871815	-1.14703	0.00147472	2.01445	2.01445	0.113855	1.30023	1.30023	0.0477624	1.41265	1.41265	0.99349	1.00125	1.00125	0.4662288	0.893014	-1.1198	0.379409	1.14755	1.14755	0.589787	1.08662	1.08662	0.6570001	0.934063	-1.07059	7.71952	1.37226	0.327941	1
cg03157610	PHF1;KIFC1;PHF1;PHF1	0.0145614	0.0362614	1.36088	1.36088	0.0148313	2.121	2.121	0.0170307	1.55027	1.55027	0.7196019	0.93522	-1.06933	0.0656266	0.41747	-2.39571	0.1035537	0.474744	2.10646	0.0088435	0.3784643	-2.64201	0.1035535	1.20535	1.20535	0.1396641	0.875961	-1.14139	0.0980273	0.840083	-1.19056	4.83828	0.75708	0.129777	1
cg13547657	PHF1;PHF1;PHF1	3.20E-08	0.0127822	0.777238	-1.28661	0.71185	1.03069	1.03069	0.00101737	0.672314	-1.4874	0.714048	1.03044	1.03044	0.0240824	1.0187	1.0187	0.746469	0.979115	-1.02131	0.0449797	0.2133	0.934477	0.9933323	-1.00672	0.509274	1.05606	1.05606	1.75451	18.4475	0.093461	1
cg13823585	PHF1;PHF1;PHF1;PHF1	1.97E-06	0.5502-08	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	4.31E-06	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	0.2152-07	0.2152-07	0.1152-07	1
cg10797813	PHF1;PHF1;PHF1	0.00021453	0.0787189	0.575382	-1.73798	0.0301493	0.09167	0.09167	0.328024	1.32059	1.32059	0.239788	1.40609	1.40609	6.30E-06	0.0216746	46.1369	0.0608982	0.548033	-1.82471	0.964261	0.987873	-1.01228	0.00754797	2.8052	2.8052	0.0118832	1.394272	2.53632	32.0727	35.8692	0.745581	1
cg17152135	PHF1;PHF1;PHF1;PHF1	0.000240231	0.000975403	0.469528	-2.1298	0.00145805	0.492385	-2.03093	0.153107	0.789825	-1.26659	0.0855767	0.746125	-1.34026	0.005115126	0.565898	-1.7671	0.0002653588	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs. 121 vs. N)	p-value(121T vs. Change(2 vs. 121 vs. N)	p-value(147T vs. N)	p-value(347T vs. N)	Change(1 vs. 347 vs. N)	p-value(353T vs. N)	Fold-Change(1 vs. 353 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs. 37T vs. N)	p-value(563T vs. N)	Fold-Change(1 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg26781905	PHGDH	0.0402068	0.179844	1.59E-09	1.15069	0.135744	1.17165	0.17365	0.624431	1.04582	1.04882	0.694409	0.961841	-1.01967	0.89606	0.987204	1.01296	0.0348262	0.784765	-1.27427	0.0407127	0.792311	-1.26213	0.0710227	0.819776	-1.21984	0.026951	1.29451	2.29451	1.61551	0.555594	0.13668	1
cg00426921	PHGDH	0.0423922	0.421896	0.717139	-1.39443	0.503662	0.760044	-1.31571	0.380421	1.44076	1.44076	0.0432492	0.373294	-2.67885	0.633649	1.21363	1.21363	0.0388384	0.361933	-2.76294	?	?	?	0.0112754	4.02077	4.02077	0.173757	1.81361	1.81361	4.46382	9.68015	1.62643	1
cg01376665	PHGR1	0.00310235	0.756923	0.96184	-1.03967	0.370595	1.12211	1.12211	0.37458	0.892072	-1.12099	0.000166025	0.447553	-2.23437	0.00935627	0.661666	-1.51134	0.2630177	0.863959	-1.15746	0.0021768	0.583389	-1.71412	0.2607581	1.15833	1.15833	0.679641	1.05345	1.05345	8.47325	2.10705	0.221072	1
cg01704947	PHGR1	0.0364672	0.427742	0.814351	-1.22797	0.119154	0.651301	-1.53574	0.0187306	0.48551	-2.05969	0.332547	1.28857	1.28857	0.152847	0.678781	1.44745	0.2009179	0.509089	-1.67479	0.0162607	2.10716	2.10716	0.270842	0.747689	-1.33745	0.0906521	0.623253	1.60488	3.80993	3.88164	0.905617	1
cg25830605	PHP	0.00483099	0.0025772	0.342079	-2.9233	0.224697	0.495652	-2.01754	0.137006	0.662835	-1.50867	0.363468	1.37086	1.27096	0.00751994	0.2485	-0.02415	0.249352	0.734134	-1.36219	0.3163	1.30471	1.30471	0.162639	1.46619	1.46619	0.0605524	0.580846	-1.72163	7.41596	7.7411	0.927885	1
cg07188551	PHP	0.00602959	0.0140422	0.333944	-2.99351	0.160311	0.581289	-1.72032	0.273683	0.662133	-1.50982	0.748629	0.890224	-1.12331	0.00156388	0.14093	-7.09572	0.0218117	0.369513	-2.70626	0.0100332	0.308568	-3.2396	0.0401612	2.35747	2.35747	0.265951	0.657541	-1.52082	6.02863	14.3544	1.84155	1
cg01492710	PHP	0.035821	0.107455	0.874922	-1.14296	0.236905	0.910057	-1.09883	0.0391678	1.19904	1.19904	0.704114	1.02944	1.02944	0.234688	0.909611	-1.09937	0.0819023	0.863622	-1.15791	0.726468	0.973642	-1.02707	0.915188	1.00813	1.00813	0.00550873	1.31983	1.31983	3.83477	0.353135	0.0814338	1
cg06691912	PHP	0.0390655	0.562629	1.00999	-1.00999	0.997591	1.22897	1.22897	0.0956274	1.68938	1.68938	0.0630212	1.36501	1.36501	0.0238309	0.669463	-1.49374	0.39214	0.877704	-1.1394	0.427154	1.12824	1.12824	0.194335	0.878241	-1.13868	0.374264	1.14534	1.14534	5.68431	1.29183	0.311671	1
cg06622069	PHKA1;PHKA1	0.000549411	0.136556	0.653416	-1.53042	0.0876038	0.636036	-2.14219	0.00268903	0.332703	-1.03568	0.0440593	0.743213	-1.34513	0.29491	0.294911	0.67E-05	0.0001919388	0.189382	-5.28034	0.0122899	1.58061	1.58061	0.129141	1.54505	1.54505	0.0138588	0.760721	-1.31454	13.9213	15.5201	0.890076	1
cg25126296	PHKA1;PHKA1	0.00176782	0.517163	0.886977	-1.12742	0.000607819	0.381009	-2.62461	0.00173024	0.442102	-2.26192	0.983875	1.0037	1.0037	0.000289372	0.339654	-2.94417	0.194473	0.778278	-1.28489	0.0500427	1.50395	1.50395	0.259664	0.806746	-1.23955	0.92866	0.984005	-1.01625	9.99392	5.27928	0.469554	1
cg19793470	PHKA2	0.00113859	0.260413	0.738043	-1.35482	0.0139	0.293889	-3.40287	0.00387426	0.348511	-2.86935	0.791751	1.04775	1.04775	0.0012573	0.184528	-5.42059	0.0266497	0.377284	-2.65021	0.0214551	1.29798	1.29798	0.0803127	1.77478	1.77478	0.0105278	0.0574943	1.54646	1.54646	11.3404	7.39665	0.579768	1
cg03465562	PHKA2	0.0016922	0.728719	0.920307	-1.08659	0.589235	1.13885	1.13885	0.0469874	0.480136	-2.45016	0.499417	0.849138	-1.17766	0.84E-05	0.0026978	0.20647	0.0049572	1.70698	1.70698	0.200918	0.369993	3.60068	0.0008538	2.42734	2.42734	0.0020279	0.571875	-1.74863	10.1212	9.11967	0.809227	1
cg07314590	PHKB	0.00310357	0.0100793	0.0054136	-28.2139	0.0101355	0.126472	-2.9069	0.148938	0.52865	-1.92	0.642039	0.870144	1.50902	1.50902	0.563233	0.689007	-1.45136	0.0026819	0.032745	-9.73306	0.423723	0.594052	-1.68315	0.663007	1.32244	1.32244	0.407524	1.71605	1.71605	5.89574	37.9363	5.77958	1
cg09909151	PHKB;ITFG1;PHKB	0.00217112	0.00461118	2.36454	2.36454	0.149398	1.98012	1.98012	0.0440168	0.58963	-1.69598	0.0185931	0.91816	1.91816	0.00703317	0.451409	-2.21529	0.2774976	1.29408	1.29408	0.927364	0.979402	-1.02103	0.00408554	0.414934	-2.41002	0.0272032	0.550634	-1.81609	9.4136	7.7686	0.733557	1
cg24728447	PHKB;ITFG1;PHKB	0.0114592	0.337178	1.15726	1.15726	0.173226	1.5339	0.00747709	2.12787	2.12787	0.12387	0.130035	0.779632	-1.28266	0.0192441	0.115888	1.51888	0.936303	1.01187	1.01187	0.155245	1.24862	1.24862	0.0321869	1.44819	1.44819	0.404186	1.13427	1.13427	1.65736	5.95204	0.306706	1
cg26801241	PHKB;ITFG1;PHKB	0.0160565	0.202885	1.36588	1.36588	0.0201999	1.05345	0.16528	0.872687	2.13939	2.13939	0.614133	0.888763	-1.12516	0.171604	1.40545	1.40545	0.8005848	0.942982	-1.06047	0.128631	0.683214	1.46367	0.371393	1.23725	1.23725	0.761129	1.07329	1.07329	0.60925	4.41972	0.757459	1
cg08358115	PHKB;ITFG1;PHKB	0.0169568	0.466075	1.16804	1.16804	0.000703138	2.94961	2.94961	0.00744647	2.05795	2.05795	0.53229	0.875934	-1.14164	0.0673296	1.5362	1.5362	0.6942684	1.08624	1.08624	0.905163	0.97535	-1.02527	0.216672	1.31289	1.31289	0.0893703	1.4803	1.4803	4.97371	3.45438	0.617357	1
cg04864062	PHKB;PHKB	1.11E-05	0.000102427	0.39227	-2.55052	0.000204923	0.438366	0.0012	1.32E-05	0.287568	-2.35675	-3.47747	0.000151882	0.397857	-2.51346	1.29E-06	0.18326	-5.45673	9.93E-06	0.273822	-3.652	0.037195	0.73883	-1.35315	0.121363	0.795152	-1.25762	0.000312061	0.399733	-2.50167	39.5145	1.61575	0.262338	1
cg06459662	PHKB;PHKB	0.000235095	0.0449568	2.45857	2.45857	0.000300377	2.62635	0.297876	0.857767	-1.19365	0.0850464	1.3664	1.3664	0.0167357	1.36644	0.0116982	0.349409	-2.86109	0.139723	1.29781	1.29781	0.000353402	0.3901108	-2.5634	0.00903580	1.71805	1.71805	0.214881	0.807217	-1.23882	17.5818	7.40963	0.378807	1
cg16530426	PHKB;PHKB	0.000674219	0.718177	0.943272	-1.06014	0.0365034	0.675935	-1.47943	0.00364634	0.530619	-1.88459	0.0417589	1.45963	1.45963	3.67E-05	0.27802	-3.59686	0.0024866	0.507909	-1.96886	0.12771	1.30394	1.30394	0.98069	0.996108	-1.00391	0.440256	1.13522	1.13522	13.1484	5.40734	0.365559	1
cg01075389	PHKB;PHKB	0.0267184	0.210079	1.47972	-1.47972	0.0248435	0.192926	-3.16491	0.00434204	0.283817	-3.93984	0.0824541	1.31987	1.31987	0.0015261	0.0005202	-1.92039	0.141448	0.607988	-1.64477	0.173271	0.819141	-1.22079	0.0800322	0.61458	-1.62704	0.0124823	0.615452	-1.62496	6.30746	1.76992	20.9628	4.9427	1
cg01270977	PHKG1	0.0475977	0.888641	0.103156	1.03156	0.0692919	0.632135	-1.58194	0.0259572	0.558281	-1.79121	0.647817	1.07491	1.07491	0.0460868	0.444445	-2.25	0.226351	0.752894	-1.32821	0.494607	0.661342	-1.51208	0.328817	0.798847	-1.2518	0.0120621	0.487096	-2.05298	3.75118	2.86018	0.593035	1
cg13277179	PHKG2	0.00331857	0.759446	0.361129	-1.64823	0.0108042	0.455248	-1.9565	0.0721594	0.538584	-1.85764	0.0178866	1.26988	1.26988	0.0014706	0.0026	-3.84615	0.0014603	0.110911	-9.01444	0.0134775	0.738288	1.3266	-1.35366	0.741304	0.728821	-1.3702	0.0158554	0.96534	-1.03596	9.90774	0.550993	1
cg02091607	PHKG2	0.00175401	0.165377	0.836849	-1.19496	0.148981	0.830025	-1.20478	0.396376	0.900733	-1.11021	0.378693	1.11485	1.11485	0.0626054	0.28689	-3.48501	0.0021769	0.67805	1.67805	0.000380808	1.97993	1.97993	0.00391502	0.626612	-1.59588	0.354932	0.891764	-1.12137	0.10167	2.29875	0.203994	1
cg06328288	PHKG2	0.002767	0.9096	1.02625	1.02625	0.0679557	1.59417	0.594117	0.314332	1.47964	1.47964	0.384377	1.22563	1.22563	0.0374097	1.73493	1.73493	0.0035295	0.405643	-2.46522	0.0041055	0.279088	-3.5806	?	?	?	0.884482	1.03372	1.03372	1.39262	6.56559	0.732593	1
cg03315662	PHKG2	0.0256352	0.676372	0.727923	-1.37416	0.674321	0.919192	-1.14388	0.235351	0.807737	-1.23808	0.0244256	1.88022	1.88022	0.0070163	0.548588	1.82466	0.0017512	0.598538	1.6796	0.0134206	0.599221	-1.67679	0.00572728	0.521231	-1.91853	0.0278736	0.626604	-1.5959	2.29019	3.6941	0.405481	1
cg03634775	PHKG2	0.0204912	0.0066625	0.286074	-3.4956	0.045638	0.442746	-2.25863	0.0461264	0.443788	-2.25333	0.277519	0.66932	-1.49405	0.0112091	0.323697	-3.08931	0.0368661	0.422354	-2.36768	0.00474831	0.263638	-3.79307	0.0170298	0.355474	-2.81314	0.167321	0.592552	-1.68762	4.66589	9.34018	1.77938	1
cg02409159	PHKG2	0.0302694	0.192366	1.38217	1.38217	0.146756	0.693838	-1.44126	0.0054819	0.2856	-3.50109	0.0077889	0.26426	-3.78432	0.0001568	0.0004152	-3.37889	0.0027276	0.973024	-1.02772	0.0827663	0.594153	1.68259	0.0004708	0.424126	2.35789	0.0010264	0.410709	2.43655	4.67205	3.55395	0.775446	1
cg00467202	PHKG2	0.0316232	0.00685771	0.248561	2.48561	?	?	?	0.244978	1.372	1.372	0.724753	0.912163	-1.09629	0.0355368	0.529189	1.88968	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg00453679	PHLDA1	0.00852588	0.0144966	0.368137	-2.71638	0.0496748	2.10194	2.10194	0.00414176	3.57985	3.57985	0.315118	1.41145	1.41145	0.0069711	0.314124	-3.18346	0.4179031	1.31605	1.31605	0.0668963	0.505865	-1.97681	0.814807	0.925109	-1.08095	0.628289	1.17569	1.17569	6.21804	10.8395	1.54954	1
cg01691090	PHLDA1	1.31E-05	0.385391	0.766448	-1.30466	0.0139	0.732258	-1.36555	0.0027115	0.0002758	-3.62504	-4.14482	-1.95	1.68071	0.0001407	0.0053138	-7.27205	0.0002023	0.170314	1.20E-05	0.0008313	0.435306	-15.1077	0.00088313	0.435306	0.447536	0.170794	1.54642	1.54642	10.7953	0.854138	0.25773	1
cg15658784	PHLDA2	8.18E-05	0.031168	0.27026	2.07026	0.0026905	0.303182	-3.29835	0.000922228	0.240707	-4.15443	0.0348272	2.02946	2.02946	3.85E-05	0.0811682	-12.3201	0.038985	0.50279	-1.9889	0.00131303	0.26038	-3.84053	0.00106024	0.42635	0.426635	0.0429224	1.95498	1.95498	23.9539	30.6307	1.16556	1
cg10946707	PHLDA2	0.0001	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	0.0004267	0.0004267	2.34267	1
cg04475877	PHLDA2	0.00012756	0.262054	1.09008	1.09008	0.0278859	1.21123	1.21123	0.0198146	0.812628	-1.23058	0.0102483	1.26956	1.26956	0.00795869	0.778082	1.28521	0.0341946	0.833389	-1.19992	3.79E-06	0.451291	-2.21587	0.385059	1.06788	1.06788	0.162557	1.11623	1.11623	20.7553	1.788	0.0765748	1
cg16057921	PHLDA2	0.000285817	0.009202013	2.73971	2.73913	0.0891732	0.682773	-1.46462	0.10295	0.695467	-1.43788	0.290726	0.799951	-1.25008	0.00215483	0.416045	-2.40359	0.0079352	0.495313	-2.01885	0.00320353	0.440835	-2.26842	0.000118058	3.94288	3.94288	0.115862	1.41612	1.41612	16.6695	10.9411	0.583425	1
cg24860475	PHLDA2	0.000778479	0.805797	0.124132	-1.07848	0.0124907	0.455248	-1.9565	0.0721594	0.538584	-1.85764	0.0178866	1.26956	1.26956	0.0014706	0.0026	-3.84615	0.0014603	0.110911	-9.01444	0.0134775	0.738288	1.3266	-1.35366	0.741304	0.728821	-1.3702	0.0158554	0.96534	-1.03596	9.90774	0.550993	1
cg18175880	PHLDA2	0.00224842	0.0492089	0.602135	-1.66076	0.0264898	0.551887	-1.81196	0.131471	0.692161	-1.44475	0.907366	0.97404	-1.02655	0.32683	1.25701	1.25701	8.41E-05	0.202258	-4.94419	0.0132534	0.56744	-1.7623	0.0525258	1.64563	1.64563	0.0195969	0.528739	-1.89129	9.31772	7.53476	0.718799	1
cg17504386	PHLDA2	0.00314092	0.0145402	0.2445	4.08871	0.0245042	0.6857	-1.16686	0.353049	0.7557	-1.32307	0.0178554	1.50394	1.50394	0.0080304	1.16082	1.16082	0.0237006	0.132037	1.32037	0.0132951	0.110574	-9.0444	0.0088	0.0010097	1.80177	0.0006962	0.0006962	0.0006962	0.0006962	0.0006962	0.0006962	0.0006962	1
cg24495982	PHLDA2	0.00319912	0.103438	1.34342	1.34342	0.480552	0.878792	-1.12621	0.421491	0.827741	-1.14581	0.0130255	0.600092	-1.66641	0.00889999	0.575949	1.73627	0.0072343	0.563007	-1.77618	0.00854495	0.294227	2.29427	0.451319	0.880549	-1.13566	0.171372	1.27302	2.87604	2.87302	3.96414	1.65372	0.386814	1
cg14415214	PHLDA2	0.0193642	0.152096	0.753464	-1.3272	0.0402855	1.54827	1.54827	0.0471169	1.52072	1.52072	0.450388	0.86771	-1.15246	0.0635702	1.4694	1.4694	0.752776	0.943366	-1.06003	0.00270734	0.465604	-2.14775	0.388615	0.849571	-1.17706	0.756501	1.05907	1.05907	4.75641	2.56443	0.479248	1
cg12607049	PHLDA2	0.0314907	0.0370985	0.187984	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	1
cg16857200	PHLDA2	0.0290021	0.0290421	-1.28303	0.774703	0.105991	0.0518956	0.559498	-1.78732	0.160034	1.35581	1.35581	0.807101	0.951617	0.05084	0.2	0.0504	0.00547	0.167004	0.0027	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg25555424	PHLDA2	0.0098183	1.19E-05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg02011054	PHLDA2	0.0497581	0.0825908	0.744723	-1.34278	0.0725542	0.735536	-1.35955	0.228108	0.823704	-1.21403	0.0561777	0.717802	-1.39314	0.0356707	0.687413	1.45473	0.2630001	0.812693	-1.23048	0.0252115	0.66495	-1.50387	0.351286	1.15843	1.15843	0.115534	1.2999	1.2999	3.39438	1.26353	0.330881	1
cg24495982	PHLDA2	0.0019892	0.0509543	0.462564	-2.16242	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	1
cg16052604	PHLDA2;PHLDA2	0.0014802	0.0760918	0.548987	-1.82178	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	0.0222	0.0222	-5.32427	1
cg16852066	PHLDA2;PHLDA2	0.00908329	0.255861	0.844717	-1.18006	0.603151	1.07636	0.076356	0.0111281	1.5593	1.5593	0.536221	0.916283	-1.09137	0.00654132	0.601995	-1.66114	0.0162103	0.57053	1.75303	0.0206201	0.781744	-1.27918	0.0731483	0.702503	1.42337	0.0250083	0.982065	1.01737	0.65463	1.88066	0.274294	1
cg24667736	PHLDA2;PHLDA2;PHLDA2	0.0163556	0.72174	1.10342	1.10342	0.465685	1.2267	1.2267	0.0650878	0.565511	-1.76831	0.785335	0.927614	-1.07803	0.00119962	0.270888	3.69156	0.0068461	0.381392	-2.62197	0.464134	1.2276	1.2276	0.49556	1.20979	1.20979	0.131561	0.638893	-1.56521	5.03402	6.03895	1.06634	1
cg01294263	PHLDA2;PHLDA2;PHLDA2	0.0256383	0.184145	1.52401	-1.52401	0.0497455	0.476546	-2.09843	0.0118194	0.354159	-2.82345	0.16145	0.914581	1.09355	0.0003379	0.183463	-5.44717	0.0040163	0.564536	-1.77137	0.0424499	0.537232	-1.86139	0.86975	0.955215	-1.0503	0.230408	0.686399	-1.45683	4.19141	1.8443	1.25919	1
cg21328779	PHLDA2;PHLDA2;PHLDA2	0.0263765	0.0274093	0.237321	-4.2137	0.0310675	0.0693267	-14.4382	0.0209909	0.216379	-4.62152	0.154334	0.430586	-2.32242	0.190781	0.469555	2.14613	0.648082	0.776219	-1.2883	0.0315183	0.25854	-3.86787	0.18163	0.457655	-2.18505	0.252681	0.515683	-1.93918	4.27653	20.5817	4.27798	1
cg08838842	PHLDA2;PHLDA2;PHLDA2	0.000174	0.078764	0.364	-1.36473	0.0140402	0.256406	-3.90035	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg24323275	PHLDA2;PHLDA2;PHLDA2	0.0363739	0.221628	0.528984	-1.89042	0.393542	0.648412	-1.54223	0.903191	0.941466	-1.06217	0.107279	2.39024	2.39024	0.0372657	0.301668	3.3149	0.0211491	0.253064	-3.95156	0.0191597	0.245355	-4.07573	0.317088	1.66973	1.66973	0.0302836	0.282947	-3.53423	8.31949	14.8404	3.45917	1
cg16363104	PHLDB2;PCXD2	0.00114502	0.00114302	0.346343	-2.88731	0.0926086	0.748381	-1.33622	0.00101023	0.465802	-2.14683	0.915746	0.981563	-1.01671	0.00757059	0.583902	-1.71262	0.0875966	1.34355	1.34355	0.237765	1.21371	1.21371	0.7571	1.04979	1.04979	0.0737496	0.731853	-1.3664	10.5801	4.10987	0.345291	1
cg21857668	PHLDB2;PCXD2	0.00839655	0.0034513	0.338252	-2.95557	0.0210567	1.24042	1.24042	0.0485188	0.704442	-1.42013	0.494744	0.897733	-1.11444	0.00178511	0.276435	3.61729	0.0016035	0.0053382	0.187377	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1
cg25087341	PHLDB2;PLCXD2	0.038368	0.246654	0.502264	-1.99098	0.0273201	0.226657	-4.41196	0.0244944	0.218011	-4.58693	0.140599	0.406156	-2.46211	0.0149726	0.182614	5.47603	0.2738003	0.523447	-1.91041	0.00332478	0.103085	-9.70072	0.543068	0.704739	-1.41896	0.109473	0.370851	-2.6965	1.73992	19.1383	4.54872	1
cg01554818	PHLDB3	0.0013642	0.0157406	0.158956	-6.29185	0.0127088	0.404083	-2.46464	0.0118855	0.329885	-3.03146	0.0079852	0.607455	-1.6467	0.00155	0.0004653	-2.14983	0.0064758	0.126704	-7.89222	0.0090742	0.194633	-5.13801	0.0154615	0.594631	-1.68207	0.0090742	0.194633	-5.13801	0.0154615	0.594631	-1.68207	0.0090742	0.194633	-5.13801	1
cg10011603	PHLDB3	0.00136881	0.112209	0.696786	-1.43516	0.0244298	0.571132	-1.75091	0.119378	0.702545	-1.4234	0.0536056	0.632628	-1.58071	2.67E-05	0.176675	5.66011	0.0164503	0.557293	1.79431	0.0206201	0.781744	-1.27918	0.0731483	0.702503	1.42337	0.0250083	0.982065	1.01737	0.65463	1.88066	0.274294	1
cg09780164	PHLDB3	0.0110898	0.475011	0.911801	-1.09673	0.658993	1.05807	1.05807	0.321908	1.1389	1.1389	0.498749	1.09121	1.09121	0.0916085	0.789704	-1.2663	0.0068461	0.381392	-2.62197	0.464134	1.2276	1.2276	0.49556	1.20979	1.20979	0.131561	0.638893	-1.56521	5.03402	6.03895	1.06634	1
cg01554818	PHLDB3	0.0863	0.184145	1.52401	-1.52401	0.0497455	0.476546	-2.09843	0.0118194	0.354159	-2.82345	0.16145	0.914581	1.09355	0.0003379	0.183463	-5.44717	0.0040163	0.564536	-1.77137	0.0424499	0.537232	-1.86139	0.86975	0.955215	-1.0503	0.230408	0.686399	-1.45683	4.19141	1.8443	1.25919	1
cg02469551	PHLDB3	0.0160346	0.00660549	0.279719	-3.57501	0.0624132	0.599138	-1.66907	0.292522	1.30569	1.30569	0.323046	0.779334	-1.28315	0.194378	0.715102	-1.3984	0.0439634	0.568116	-1.7602	0.0154033	0.483734	-2.06725	0.951121	0.974296	-1.02638	0.233493	0.737049	-1.35676	0.50635	4.7879	0.83987	1
cg13740195	PHLDB3	0.0031107	0.0031324	0.346154	-2.88731	0.0926086	0.748381	-1.33622	0.00101023	0.465802	-2.14683	0.915746	0.981563	-1.01671	0.00757059	0.583902	-1.71262	0.0875966	1.34355	1.34355	0.237765	1.21371	1.21371	0.7571	1.04979	1.04979	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19818271	PHTF2;PHTF2;PHTF2;PHTF2;PHTF2	0.00051605	0.196718	0.782738	-1.27757	0.000598465	2.58701	2.58701	0.254572	0.807753	-1.238	0.22881	0.79719	-1.25441	0.00168715	0.446887	-2.2377
cg22614518	PHTF2;PHTF2;PHTF2;PHTF2;PHTF2	0.00142574	0.195397	0.70098	-1.42657	0.964085	0.988386	-1.01175	0.478239	0.829404	-1.20569	0.00134467	0.298622	-3.34872	0.000317708	0.220304	-4.53919
cg05036615	PHTF2;PHTF2;PHTF2;PHTF2;PHTF2	0.0141847	0.68172	0.835835	-1.19641	0.854558	1.08307	1.08307	0.645241	1.22335	1.22335	0.980952	1.01044	1.01044	0.000211977	0.0677325	-14.764
cg23477257	PHTF2;PHTF2;PHTF2;PHTF2;PHTF2	0.031943	0.0195639	0.556723	-1.79623	0.00459756	0.457003	-2.18817	0.0181168	0.551125	-1.81447	0.280624	0.792302	-1.26214	0.328818	0.811212	-1.23272
cg15698347	PHTF2;PHTF2;TMEM60	8.70E-05	0.972108	0.993357	-1.00669	6.88E-05	0.249803	-4.00315	0.234451	1.26818	1.26818	1.10E-05	0.167964	-5.95366	0.0029002	2.18238	2.18238
cg26358246	PHTF2;PHTF2;TMEM60	0.00298398	0.821601	1.02184	1.02184	0.00169576	1.53581	1.53581	0.00119725	1.57493	1.57493	0.242279	1.12423	1.12423	0.193778	1.14061	1.14061
cg22318996	PHTF2;PHTF2;TMEM60	0.0039668	0.177992	1.68831	1.68831	0.000275999	0.0743369	-13.4523	?	?	?	0.260161	1.53239	1.53239	0.403401	1.36148	1.36148
cg15518923	PHTF2;PHTF2;TMEM60	0.00674227	0.9333	1.02501	1.02501	0.0282555	0.424099	-2.35794	0.244964	1.44739	1.44739	?	?	?	0.033186	2.26725	2.26725
cg04320354	PHTF2;PHTF2;TMEM60	0.00802286	0.201133	1.24944	1.24944	0.123895	1.31635	1.31635	0.169101	1.27336	1.27336	0.00874742	1.73486	1.73486	0.595944	1.09229	1.09229
cg08887902	PHTF2;PHTF2;TMEM60	0.0161211	0.358355	1.1913	1.1913	0.978409	0.994997	-1.00503	0.334219	0.831458	-1.20271	0.00862925	0.537607	-1.86009	0.0632056	0.678937	-1.47289
cg08212713	PHTF2;PHTF2;TMEM60	0.023886	0.00291761	0.371904	-2.68887	0.77576	0.933261	-1.07151	0.258206	1.3302	1.3302	0.953428	0.985974	-1.01423	0.25536	1.33268	1.33268
cg09707730	PHTF2;PHTF2;TMEM60	0.0250083	0.00721293	0.660155	-1.5148	0.01714	1.41613	1.41613	0.0488091	0.763788	-1.30926	0.683339	0.95207	-1.05034	0.0571983	0.772851	-1.29391
cg26770381	PHTF2;PHTF2;TMEM60	0.025255	0.0743796	0.183274	-5.45631	0.0115871	0.0441901	-22.6295	?	?	?	0.0442524	0.128945	-7.75524	?	?	?
cg01029838	PHTF2;PHTF2;TMEM60	0.0303218	0.570028	0.902258	-1.10833	0.0862785	0.712079	-1.40434	0.121941	0.740537	-1.35037	0.0766114	0.702653	-1.42318	0.00395551	0.49934	-2.00264
cg24669602	PHTF2;PHTF2;TMEM60	0.0475598	0.254571	0.687932	-1.45363	0.0770935	1.85536	1.85536	0.0419217	2.09009	2.09009	0.478442	1.25432	1.25432	0.995973	0.998414	-1.00159
cg04543957	PHYH	0.00956835	0.0274756	0.518654	-1.92807	0.0230687	1.98203	1.98203	0.346577	1.27637	1.27637	0.341356	1.27997	1.27997	0.0203069	0.494427	-2.02254
cg04221681	PHYH;PHYH	0.000749752	0.227917	0.812266	-1.23112	7.86E-05	0.309372	-3.23235	0.00017237	0.350542	-2.85273	0.384887	0.863846	-1.15761	0.0160489	0.616212	-1.62282
cg23152572	PHYH;PHYH	0.00218888	0.00309387	0.24449	-4.09014	0.0318739	0.416817	-2.39913	0.116535	0.552448	-1.81013	0.0539342	0.46704	-2.14115	0.00329285	0.248262	-4.02801
cg14903221	PHYH;PHYH	0.0390661	0.966188	0.991923	-1.00814	0.00971109	1.86991	1.86991	0.0103756	1.85452	1.85452	0.167448	0.754626	-1.32516	0.312174	1.22144	1.22144
cg14299940	PHYHD1;PHYHD1;PHYHD1	0.0480949	0.0874473	3.46254	3.46254	0.063455	3.95043	3.95043	0.124657	2.98716	2.98716	0.0359297	4.9851	4.9851	0.926831	0.941328	-1.06233
cg13022129	PHYHD1;PHYHD1;PHYHD1;PHYHD1;PHYHD1	0.0147512	0.00839024	0.450385	-2.22032	0.386172	0.816256	-1.22511	0.379365	0.813731	-1.22891	0.25947	1.30941	1.30941	0.00139361	0.325858	-3.06882
cg14153069	PHYHD1;PHYHD1;PHYHD1;PHYHD1;PHYHD1	0.0342278	0.0811336	0.377975	-2.64568	0.00279703	0.125826	-7.94747	0.0196069	0.241999	-4.13224	0.110029	0.416272	-2.40228	0.0306616	0.278713	-3.58792
cg26104206	PHYHIP;PHYHIP	0.049588	0.149286	0.643038	-1.55512	0.186605	1.49149	1.49149	0.641099	1.14346	1.14346	0.70358	1.11534	1.11534	0.390538	0.777844	-1.28561
cg07625992	PHYHIPL;FAM13C;PHYHIPL;FAM13C;FAM13C;FAM13C	0.0462903	0.0959948	0.44862	-2.22906	0.0361752	0.343632	-2.91009	0.0403038	0.353907	-2.8256	0.293917	1.6118	1.6118	0.0555072	0.386136	-2.58976
cg01037890	PHYHIPL;PHYHIPL	0.000131167	2.73E-05	0.487999	-2.04919	0.218283	0.893786	-1.11884	0.00255933	1.43727	1.43727	0.212616	1.12056	1.12056	0.0670693	1.1948	1.1948
cg20094085	PHYHIPL;PHYHIPL	0.00366616	0.0046956	0.5725	-1.74672	0.173375	1.23989	1.23989	0.536488	0.911277	-1.09736	0.00289242	0.544461	-1.83668	0.0013218	0.499879	-2.00049
cg24761366	PHYHIPL;PHYHIPL	0.00773059	0.492469	1.0955	1.0955	0.00190202	0.56237	-1.77819	0.00388583	0.601251	-1.6632	0.306518	1.14857	1.14857	0.633448	0.939075	-1.06488
cg18839609	PHYHIPL;PHYHIPL	0.00794917	0.905616	0.976365	-1.02421	0.36694	1.2055	1.2055	0.00035598	3.17692	3.17692	0.388735	1.19497	1.19497	0.449836	0.856177	-1.16798
cg06879152	PHYHIPL;PHYHIPL	0.0140737	0.3872	1.14389	1.14389	0.738939	1.05204	1.05204	0.492897	0.899763	-1.1114	0.36956	0.86956	-1.15001	0.935477	1.01236	1.01236
cg23400208	PHYHIPL;PHYHIPL	0.0319118	0.987507	0.997822	-1.00218	0.653152	0.938955	-1.06501	0.476769	1.10599	1.10599	0.650452	0.938456	-1.06558	0.728738	0.952678	-1.04967
cg13503413	PHYHIPL;PHYHIPL;PHYHIPL	0.019232	0.00196457	0.310075	-3.22502	0.0781735	0.59232	-1.68828	0.475766	1.21418	1.21418	0.962118	1.01279	1.01279	0.452654	1.22722	1.22722
cg00128482	PI15	0.000769235	0.00380644	0.403455	-2.47859	0.00184189	0.357472	-2.79742	0.00504402	0.422077	-2.36923	0.917369	1.02443	1.02443	3.37E-05	0.154217	-6.48438
cg04893119	PI15	0.0116214	0.00211795	0.191828	-5.213	0.752974	1.12824	1.12824	0.0177533	0.33229	-3.00942	0.20046	0.596416	-1.67668	0.00344445	0.219108	-4.56396
cg09304624	PI15	0.0166673	0.0715633	0.56813	-1.76016	0.658763	0.882596	-1.13302	0.00468732	0.347762	-2.87553	0.0230276	0.465843	-2.14664	0.0034944	0.328424	-3.04484
cg24661236	PI16	0.000127714	0.0454211	1.55876	1.55876	0.169419	1.32732	1.32732	0.00321743	2.17653	2.17653	0.0864476	0.693246	-1.44249	0.00983673	0.53196	-1.87984
cg21229337	PI16	0.0033604	0.00141971	0.320639	-3.11877	0.432646	0.820975	-1.21806	0.00225962	0.348997	-2.86535	0.135701	0.672935	-1.48603	0.00586133	0.411278	-2.43144
cg01210642	PI16	0.0177562	0.075633	0.423584	-2.36081	0.125059	0.486167	-2.05691	0.00841047	0.231773	-4.31456	0.0560234	0.390564	-2.5604	0.0435754	0.36497	-2.73995
cg17066531	PI16;PI16	0.0395736	0.00768234	0.164749	-6.06986	0.0176616	0.218864	-4.56904	0.0739098	0.350426	-2.85367	0.172218	0.46538	-2.14878	0.00548559	0.146279	-6.83624
cg19931348	PI3	7.24E-07	0.0992488	1.17133	1.17133	1.08E-06	0.328619	-3.04304	5.39E-08	0.19459	-5.13902	0.00138115	0.666388	-1.50063	1.47E-05	0.454738	-2.19907
cg09462575	PI3	0.0028787	0.000579754	0.341212	-2.93073	0.0633887	0.655888	-1.52465	0.00426284	0.461817	-2.16536	0.0880372	0.683639	-1.46276	0.00539584	0.477122	-2.0959
cg02733351	PI3	0.0161548	0.546913	1.19392	1.19392	0.0306033	0.477788	-2.09298	0.305723	0.734668	-1.36116	0.336768	0.749802	-1.33369	0.855336	0.948323	-1.05449
cg05994982	PI4K2A	0.000535871	0.328384	0.829173	-1.20602	0.122089	1.36501	1.36501	0.00951951	0.543419	-1.8402	0.004014	2.04998	2.04998	0.0781328	0.695278	-1.43827
cg03983811	PI4K2A	0.00298594	0.00112725	0.384195	-2.60284	0.748127	0.937727	-1.06641	0.122473	1.39657	1.39657	0.0021835	0.424099	-2.35794	0.398864	0.841666	-1.18812
cg00997424	PI4K2A	0.0108011	0.0199422	0.584268	-1.71154	0.331169	0.825466	-1.21144	0.00525026	2.02231	2.02231	0.00176795	0.426603	-2.3441	0.113785	0.71954	-1.38978
cg07179548	PI4K2A	0.0134868	0.718578	1.15067	1.15067	0.336452	1.46867	1.46867	0.774795	1.11767	1.11767	0.000179563	0.0854438	-11.7036	0.723861	0.871471	-1.14748
cg12324745	PI4K2A	0.0141344	0.0644499	0.652945	-1.53152	0.742604	1.06996	1.06996	0.703456	0.924522	-1.08164	0.341622	0.817855	-1.22271	0.691861	0.921509	-1.08518
cg15077012	PI4K2A	0.0302509	0.739413	1.02538	1.02538	0.163965	0.894477	-1.11797	0.261399	0.915817	-1.09192	0.719566	1.02744	1.02744	0.436668	0.942161	-1.06139
cg05317956	PI4K2A	0.0323599	0.0416356	0.617386	-1.61973	0.49933	1.1512	1.1512	0.0407471	0.61569	-1.62419	0.268615	0.789324	-1.26691	0.0407068	0.615612	-1.6244
cg08949011	PI4K2A;PI4K2A	0.0119879	0.0169605	0.698604	-1.43143	0.0273338	0.724982	-1.37934	0.21652	1.17373	1.17373	0.00288031	0.603575	-1.6568	0.0461951	0.754757	-1.32493
cg12714758	PI4K2B	0.000594853	0.904865	0.986945	-1.01323	2.34E-05	2.53105	2.53105	0.0263449	1.33574	1.33574	0.186424	0.857325	-1.16642	0.966548	1.00462	1.00462
cg15207041	PI4K2B	0.00153805	0.200182	1.19107	1.19107	0.00865235	0.648904	-1.54106	0.614418	1.06784	1.06784	0.999499	0.999919	-1.00008	0.00107553	1.86643	1.86643
cg25018951	PI4K2B	0.0036481	0.0491043	2.80671	2.80671	0.00226401	7.11805	7.11805	0.175557	1.9382	1.9382	0.130036	2.11981	2.11981	0.0159078	0.257548	-3.88278
cg05965402	PI4K2B	0.0041048	0.289787	1.26722	1.26722	0.167037	1.37372	1.37372	0.556927	1.13662	1.13662	5.18E-05	5.1137	5.1137	0.407369	0.833034	-1.20043
cg06286301	PI4K2B	0.0318745	0.0215029	0.763396	-1.30994	0.63138	1.04839	1.04839	0.860664	0.982971	-1.01732	0.827754	1.02153	1.02153	0.383235	0.916299	-1.09135
cg01722343	PI4K2B	0.0393868	0.285044	1.3166	1.3166	0.00526022	0.401902	-2.48817	0.895377	0.967936	-1.03313	0.778279	1.07242	1.07242	0.491759	1.18882	1.18882
cg08615820	PI4KA	2.05E-05	0.488393	0.878877	-1.13782	0.113672	1.37123	1.37123	0.00492099	0.504927	-1.98048	0.451817	0.868833	-1.15097	1.04E-06	0.0957644	-10.4423
cg07833209	PI4KA;PI4KA	0.00613043	0.0367899	0.758797	-1.31788	0.00732628	0.674756	-1.48202	0.0351727	0.756385	-1.32208	0.385139	1.10663	1.10663	0.344857	1.11707	1.11707
cg12534902	PI4KA;PI4KA	0.0255907	0.648758	0.82504	-1.21206	0.00292368	5.55428	5.55428	0.450339	1.38068	1.38068	0.352052	0.669221	-1.49427	0.00693319	0.231003	-4.32896
cg02953144	PI4KA;SERPIND1	0.000150716	1.57E-05	0.194566	-5.13965	0.000300709	0.340039	-2.94084	0.0279098	1.61072	1.61072	0.0723613	1.44473	1.44473	0.274178	1.23217	1.23217
cg19669036	PI4KA;SNAP29	0.00948607	0.160126	0.768327	-1.30153	0.0332154	1.54827	1.54827	0.000967794	2.36918	2.36918	0.0422965	0.66316	-1.50793	0.146263	0.760427	-1.31505
cg11661809	PI4KA;SNAP29;PI4KA	0.00153134	0.0129098	0.824458	-1.21292	0.00023842	1.46306	1.46306	0.184471	1.09203	1.09203	0.130005	0.902774	-1.1077	0.611697	1.03253	1.03253
cg07721848	PI4KAP1	0.000967001	0.153334	1.25993	1.25993	0.9168	0.984333	-1.01592	0.223995	0.824446	-1.21294	0.778649	1.0435	1.0435	0.1062	0.765964	-1.30554
cg20969061	PI4KAP1	0.0419205	0.993305	1.00257	1.00257	0.170898	1.56158	1.56158	0.669131	1.14043	1.14043	0.406441	0.77136	-1.29641	0.0013184	0.239661	-4.17256
cg11845050	PI4KAP2	0.000143595	0.101543	1.08255	1.08255	0.00717215	1.16601	1.16601	0.000248137	1.30686	1.30686	0.0385982	1.11182	1.11182	0.0325931	1.11701	1.11701
cg01299854	PI4KAP2	0.00643654	0.00614415	0.748864	-1.33536	0.000286988	0.619468	-1.61429	0.0312569	0.815106	-1.22683	0.134799	0.877724	-1.13931	0.0117105	0.775087	-1.29018
cg08651039	PI4KAP2	0.0253051	0.0632013	0.762959	-1.31069	0.0409307	0.736758	-1.3573	0.312769	0.873544	-1.14476	0.164738	1.21157	1.21157	0.0011596	0.539111	-1.85491
cg21401517	PI4KB	0.00127993	0.435164	0.755691	-1.32329	0.00156227	4.94875	4.94875	0.000649771	6.29473	6.29473	0.744232	0.891209	-1.12207	0.0067609	0.290791	-3.4389
cg25881553	PI4KB	0.00676059	0.010497	0.606806	-1.64797	0.492463	1.11419	1.11419	0.409199	0.877282	-1.13988	0.163005	1.25983	1.25983	0.0557222	0.714445	-1.39969
cg01974375	PI4KB	0.0289759	0.0307255	0.411915	-2.42768	0.0461817	0.450072	-2.22187	0.481012	0.778545	-1.28445	0.0347854	0.423202	-2.36294	0.0246383	0.392501	-2.54777
cg14212266	PIAS1	6.98E-06	0.000630546	0.438505	-2.28048	0.00237216	1.94456	1.94456	0.000741743	2.234	2.234	0.0037579	1.84744	1.84744	0.18969	0.804139	-1.24357
cg03290748	PIAS1	0.00689004	0.0684252	1.64703	1.64703	0.92482	1.02335	1.02335	0.170872	0.700011	-1.42855	0.0335036	0.54469	-1.83591	0.172872	0.701322	-1.42588
cg06740710	PIAS1	0.00705188	?	?	?	0.562369	1.37477	1.37477	?	?	?	0.745724	0.837939	-1.1934	0.196991	0.476554	-2.0984
cg12735333	PIAS1	0.0120676	0.03987	0.503064	-1.98782	0.00665329	0.361168	-2.7688	0.152479	0.641964	-1.55772	0.73056	1.10514	1.10514	0.00453561	0.335019	-2.98491
cg06511545	PIAS1	0.0152529	0.0475448	0.689983	-1.44931	0.0878247	1.36137	1.36137	0.791881	0.957622	-1.04425	0.11175	0.753065	-1.32791	0.00357147	0.523978	-1.90848
cg27070070	PIAS2	0.0016886	0.641234	0.909917	-1.099	2.62E-05	0.187603	-5.33041	0.512807	0.87501	-1.14284	0.200025	0.761608	-1.31301	0.583831	1.11771	1.11771
cg23540938	PIAS2;PIAS2	0.000366696	0.00772044	0.41587	-2.4046	0.187623	0.699077	-1.43046	0.21829	0.717504	-1.39372	0.520171	1.18189	1.18189	0.000298367	0.221153	-4.52176
cg16635274	PIAS2;PIAS2	0.00710584	0.425951	0.938053	-1.06604	0.0500461	1.19216	1.19216	0.0168181	1.25794	1.25794	0.633881	1.03846	1.03846	0.550584	1.04865	1.04865
cg00416882	PIAS2;PIAS2	0.0101369	0.0143341	0.261882	-3.81851	0.235878	0.576238	-1.7354	0.109608	0.461134	-2.16857	0.326901	0.638176	-1.56697	0.0102251	0.237698	-4.20702
cg21075378	PIAS2;PIAS2	0.021032	0.0198509	0.319216	-3.13267	0.0488102	0.401057	-2.49341	0.777426	0.891297	-1.12196	0.844166	0.923195	-1.08319	0.0157653	0.3008	-3.32447
cg21061582	PIAS2;PIAS2	0.0256551	0.0316993	0.369819	-2.70402	0.360943	0.690076	-1.44912	0.51341	1.29925	1.29925	0.423867	0.724249	-1.38074	0.0197739	0.328996	-3.03955
cg15142430	PIAS2;PIAS2	0.0464914	0.0146552	0.373823	-2.67506	0.399532	0.753977	-1.3263	0.571998	0.829458	-1.20561	0.275822	1.44946	1.44946	0.012365	0.360688	-2.77248
cg24879143	PIAS3	0.0035485	0.000892325	0.192316	-5.19979	0.123471	0.575305	-1.73821	0.385936	0.744897	-1.34247	0.125784	0.577571	-1.73139	0.0501928	0.477214	-2.0955
cg04922072	PIAS3	0.0178499	0.0105198	0.483882	-2.06662	0.667421	0.907121	-1.10239	0.964973	0.990146	-1.00995	0.544613	0.870859	-1.14829	0.00148357	0.355677	-2.81154
cg23995917	PIAS3	0.0280581	0.0384052	0.764465	-1.3081	0.121563	0.828685	-1.20673	0.676325	0.954082	-1.04813	0.116505	0.826176	-1.2104	0.0869709	0.809274	-1.23568
cg11246695	PIAS3;PIAS3	0.00332794	0.0641578	0.423225	-2.36281	0.633027	0.819679	-1.21999	0.0293243	0.346072	-2.88957	5.48E-05	0.0448056	-22.3186	0.239671	0.601129	-1.66354
cg22298500	PIAS4	5.40E-08	0.128128	1.16478	1.16478	0.39057	1.08501	1.08501	0.168539	0.872787	-1.14576	2.11E-06	0.339246	-2.94771	8.29E-10	0.0527891	-18.9433
cg09352107	PIAS4	0.00219168	0.175964	0.741461	-1.34869	0.53807	0.878437	-1.13839	0.00159463	0.389939	-2.56451	0.00146463	0.3848	-2.59876	0.0452643	0.620332	-1.61204
cg21025876	PIAS4	0.0101661	0.0906055	0.54799	-1.82485	0.162779	0.618357	-1.61719	0.110172	0.570248	-1.75362	0.00217081	0.249568	-4.00692	0.00058932	0.18038	-5.54385
cg09263111	PIAS4	0.0117955	0.163963	0.379034	-2.63829	0.298304	2.02221	2.02221	0.475314	1.60667	1.60667	0.741849	1.24099	1.24099	0.927148	1.06155	1.06155
cg13619768	PIAS4	0.0130392	0.854643	1.02514	1.02514	0.012419	1.52384	1.52384	0.0408884	1.37643	1.37643	0.0190066	1.46876	1.46876	0.0186988	0.679894	-1.47082
cg21310017	PIAS4	0.02327	0.810222	1.06315	1.06315	0.278457	1.33223	1.33223	0.105159	0.637191	-1.56939	0.66261	0.894266	-1.11824	0.000684455	0.267045	-3.74469
cg27001643	PIAS4	0.0256862	0.0938639	0.611943	-1.63414	0.0624412	0.571762	-1.74898	0.0392322	0.529411	-1.88889	0.083111	0.59961	-1.66775	0.00937007	0.415477	-2.40687
cg06700521	PIBF1	0.000148382	0.00209655	0.388682	-2.5728	0.0948295	0.669748	-1.4931	0.00641978	0.46109	-2.16877	0.616131	1.11669	1.11669	2.02E-05	0.152248	-6.56824
cg18054181	PIBF1	0.0419606	0.956747	1.0197	1.0197	0.00281264	0.227579	-4.39408	0.011385	0.320047	-3.12454	0.0963491	0.518587	-1.92832	0.955479	1.02028	1.02028
cg15643574	PICALM;PICALM	0.00065374	0.00763679	0.396403	-2.52269	0.020292	2.12753	2.12753	0.900621	0.966855	-1.03428	1.51E-05	0.0889587	-11.2412	0.433037	0.805849	-1.24093
cg01120308	PICALM;PICALM	0.0127796	0.279167	0.589451	-1.69649	0.00549014	5.55749	5.55749	0.405024	0.670163	-1.49217	0.497188	0.723386	-1.38239	0.00271618	0.142956	-6.99518
ch.11.1834293F	PICALM;PICALM	0.0134197	0.303928	0.762586	-1.31133	0.0208202	0.492541	-2.03029	0.00111898	0.294747	-3.39274	0.00623208	0.40349	-2.47838	0.00560675	0.396228	-2.5238
cg01441105	PICK1;PICK1;PICK1	0.000582544	0.840356	1.01485	1.01485	0.00334827	0.746997	-1.33869	0.636378	1.03541	1.03541	0.848963	0.986167	-1.01403	0.702673	0.972368	-1.02842
cg16760049	PICK1;PICK1;PICK1	0.00188966	0.0119682	0.421945	-2.36998	0.347074	1.30533	1.30533	0.259526	1.38224	1.38224	0.00444909	2.84142	2.84142	0.000965766	0.258672	-3.8659
cg07005047	PICK1;PICK1;PICK1	0.00796515	0.874041	0.937107	-1.06711	0.842826	0.921931	-1.08468	0.0111665	0.271933	-3.67738	0.168625	0.54847	-1.82325	0.000300604	0.0900611	-11.1036
cg19941638	PICK1;PICK1;PICK1	0.0100116	0.240871	0.784844	-1.27414	0.00548394	0.486476	-2.0556	0.00654472	0.498056	-2.00781	0.0956853	1.43494	1.43494	0.539993	1.13023	1.13023
cg10778862	PICK1;PICK1;PICK1	0.0105704	0.134212	0.720772	-1.3874	0.236898	1.28561	1.28561	0.749448	1.06712	1.06712	0.721262	0.929945	-1.07533	0.917244	0.979149	-1.0213
cg04089703	PICK1;PICK1;PICK1	0.0244092	0.408979	0.89747	-1.11424	0.108287	0.798978	-1.2516	0.0158274	0.684793	-1.4603	0.864591	1.0221	1.0221	0.0225626	0.704779	-1.41888
cg05991331	PICK1;PICK1;PICK1	0.032916	0.425782	0.865816	-1.15498	0.0228755	1.61989	1.61989	0.785315	1.04956	1.04956	0.948692	1.01147	1.01147	0.118707	0.740783	-1.34992
cg16157016	PICK1;PICK1;PICK1	0.0437924	0.00935694	6.92311	6.92311	0.0259386	4.7216	4.7216	0.976676	0.982983	-1.01731	0.0404939	4.01116	4.01116	0.694865	1.26042	1.26042
cg15875860	PICK1;PICK1;PICK1;PICK1;PICK1	0.00138776	0.172808	1.17195	1.17195	0.341371	0.898322	-1.11319	0.770046	1.03258	1.03258	0.0537411	0.786986	-1.27067	0.485144	0.925354	-1.08067
cg14537090	PID1;PID1	0.000197346	0.599216	0.904678	-1.10537	0.418794	0.855505	-1.1689	0.185592	0.767085	-1.30364	0.270518	1.242	1.242	0.00043953	0.350315	-2.85457
cg20557688	PID1;PID1	0.00734866	0.0394651	0.346245	-2.88813	0.00204735	0.144464	-6.92216	0.00864573	0.225251	-4.43949	0.0505835	0.370845	-2.69654	0.263563	1.68024	1.68024
cg02799466	PID1;PID1	0.0339136	0.0355668	2.67301	2.67301	0.0377625	2.63328	2.63328	0.963444	1.01859	1.01859	0.27651	1.57593	1.57593	0.0079846	3.92095	3.92095
cg05471730	PID1;PID1;PID1	0.0324223	0.013418	0.669867	-1.49283	0.343517	1.13621	1.13621	0.11327	1.253	1.253	0.865653	1.02241	1.02241	0.434614	1.10997	1.10997
cg26112014	PID1;PID1;PID1;PID1	0.000151103	0.0958172	1.21333	1.21333	0.753313	1.03389	1.03389	0.000272333	1.87889	1.87889	0.516724	1.07197	1.07197	0.290912	1.12283	1.12283
cg07472438	PID1;PID1;PID1;PID1	0.00917604	0.906896	0.974247	-1.02643	0.136917	0.69957	-1.42945	0.000990718	0.335803	-2.97794	0.00848257	0.472697	-2.11552	0.0873244	0.656434	-1.52338
cg06238779	PIF1	8.75E-05	0.145539	0.788773	-1.26779	0.000218088	0.392181	-2.54984	0.145557	0.788782	-1.26778	0.73249	1.05347	1.05347	3.16E-05	0.291993	-3.42474
cg24993781	PIF1	0.00486436	4.99E-05	0.0215752	-46.3495	0.669022	0.805138	-1.24202	0.16011	0.46935	-2.13061	0.926223	0.954393	-1.04779	0.75591	0.854567	-1.17018
cg11823654	PIF1	0.00630964	0.838517	0.966831	-1.03431	0.777734	0.954296	-1.04789	0.127092	0.761274	-1.31359	0.0395748	0.674703	-1.48213	0.000562998	0.41321	-2.42008
cg02393447	PIF1	0.00653104	0.133585	0.882828	-1.13272	0.0219788	1.2357	1.2357	0.000657541	1.49483	1.49483	0.0112	1.27737	1.27737	0.771731	1.02266	1.02266
cg05572164	PIGA;PIGA	0.00549259	0.693726	1.15398	1.15398	0.0286659	0.39297	-2.54472	0.0336957	0.407577	-2.45352	0.444953	0.754445	-1.32548	0.000498042	0.13927	-7.18027
cg10978544	PIGA;PIGA	0.0196723	0.605583	1.21286	1.21286	0.245097	0.637351	-1.56899	0.01039	0.302523	-3.30553	0.0547847	0.446191	-2.24119	0.0190587	0.349466	-2.86151
cg19991916	PIGB	7.30E-09	3.21E-09	0.0849998	-11.7647	0.769557	0.973285	-1.02745	4.49E-08	0.171252	-5.83936	0.135904	0.862321	-1.15966	0.00109129	0.641373	-1.55915
cg07037635	PIGB	0.00197156	0.00524934	0.145581	-6.86902	0.0126486	0.197403	-5.06579	0.399922	0.636962	-1.56995	0.00366641	0.127902	-7.81846	0.000563448	0.0609226	-16.4143
cg13505279	PIGB	0.0196954	0.0758684	0.437318	-2.28667	0.00930753	0.251285	-3.97954	0.0813392	0.44536	-2.24537	0.0125033	0.272313	-3.67224	0.036968	0.362679	-2.75726
cg21613364	PIGB;PIGB	0.0198062	0.0230015	0.410976	-2.43323	0.0389274	2.18527	2.18527	0.240611	1.49444	1.49444	0.0512436	2.06661	2.06661	0.0564708	0.493525	-2.02624
cg16177739	PIGC;C1orf105;PIGC	4.61E-05	0.000204624	0.274438	-3.64381	0.00201771	0.40451	-2.47213	4.17E-05	0.197607	-5.06054	0.000180848	0.268051	-3.73063	3.93E-05	0.194929	-5.13008
cg13172254	PIGF;CRIPT;PIGF	0.0157683	0.681939	0.942596	-1.0609	0.00845725	1.61988	1.61988	0.39718	1.13245	1.13245	0.0519922	0.728202	-1.37325	0.418727	0.888214	-1.12585
ch.2.1116759R	PIGF;PIGF	0.0100387	0.0631152	0.222922	-4.48588	0.0210119	0.136231	-7.34048	0.0532492	0.206638	-4.83937	0.0411198	0.184143	-5.43057	0.000189286	0.0108943	-91.7915
cg24868028	PIGF;PIGF;CRIPT	0.0273306	0.48055	1.08917	1.08917	0.622564	1.06088	1.06088	0.501775	1.08459	1.08459	0.223569	0.858719	-1.16453	0.0906432	1.24863	1.24863
cg15577924	PIGG;PIGG	4.52E-05	0.0489422	0.680103	-1.47036	0.00159257	0.459828	-2.17473	0.0487387	0.679802	-1.47102	0.893713	1.02319	1.02319	5.38E-07	0.0918439	-10.888
cg26867200	PIGG;PIGG	7.39E-05	0.00191295	0.576949	-1.73326	0.000122358	0.432128	-2.31413	0.18588	0.839015	-1.19187	0.0931491	0.793625	-1.26004	2.11E-06	0.232553	-4.30009
cg05828119	PIGG;PIGG	0.000163993	0.812181	0.932669	-1.07219	0.958489	1.01536	1.01536	0.0763645	0.561391	-1.78129	0.923886	0.972405	-1.02838	0.0591878	0.535897	-1.86603
cg10395330	PIGG;PIGG	0.00183329	0.0678349	1.62434	1.62434	0.000590424	0.284025	-3.52081	0.00350159	0.390864	-2.55843	0.661018	0.900639	-1.11032	0.11417	0.665282	-1.50312
cg04658846	PIGG;PIGG	0.00338541	0.000154153	0.248071	-4.0311	0.352639	0.814158	-1.22826	0.000475419	0.307453	-3.25253	0.926752	1.01996	1.01996	0.215159	0.755432	-1.32375
cg16619777	PIGG;PIGG	0.00352466	0.00419755	0.391704	-2.55295	0.00124118	0.315542	-3.16915	0.536918	0.858287	-1.16511	0.632396	0.888882	-1.12501	0.000190858	0.215131	-4.64833
cg03609847	PIGG;PIGG	0.00408122	0.0243213	0.792938	-1.26113	0.0148122	1.29584	1.29584	0.960871	0.995768	-1.00425	0.890726	1.01195	1.01195	0.315556	1.09384	1.09384
cg23689517	PIGG;PIGG	0.0051995	0.142348	0.723345	-1.38247	0.00101591	0.367559	-2.72065	0.0268396	0.583615	-1.71346	0.233181	0.773601	-1.29266	0.380241	0.831243	-1.20302
cg09566237	PIGG;PIGG	0.00559312	0.823467	1.03064	1.03064	0.0143376	1.50348	1.50348	0.000158594	2.39244	2.39244	0.138682	1.24022	1.24022	0.0665475	0.757386	-1.32033
cg18714782	PIGG;PIGG	0.0116587	0.884574	0.960967	-1.04062	0.00908746	0.403106	-2.48074	0.0071909	0.38636	-2.58826	0.000568693	0.231516	-4.31935	0.618617	0.871487	-1.14746
cg02511320	PIGG;PIGG	0.0214876	0.10198	0.660501	-1.514	0.135387	0.688714	-1.45198	0.964303	0.989684	-1.01042	0.911966	1.02596	1.02596	0.00108773	0.327239	-3.05587
cg06372249	PIGG;PIGG	0.0264568	0.984124	1.0043	1.0043	0.0721343	1.54166	1.54166	0.00429855	2.27839	2.27839	0.0803115	0.658103	-1.51952	0.594367	0.890553	-1.1229
cg12475106	PIGG;PIGG	0.0278455	0.600173	1.09727	1.09727	0.081149	0.712218	-1.40407	0.0111854	0.57235	-1.74718	0.610763	1.09428	1.09428	0.117034	0.741677	-1.3483

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19818271	0.0574638	0.680032	-1.47052	0.215085	0.791206	-1.26389	9.51E-05	3.48106	3.48106	0.705811	1.07043	1.07043	14.1658	7.22621	0.453439	1
cg22614518	0.849676	0.951966	-1.05046	0.0115778	0.440866	-2.26827	0.770616	1.0788	1.0788	0.000190584	0.195666	-5.11076	10.6337	11.3357	0.947565	1
cg05036615	0.845168	1.08874	1.08874	0.275112	1.63848	1.63848	0.398536	1.45627	1.45627	0.851871	1.08469	1.08469	5.2771	15.8052	2.66228	1
cg23477257	0.563193	1.129	1.129	0.612856	1.11174	1.11174	0.198694	1.32573	1.32573	0.918189	0.978897	-1.02156	3.99643	2.72773	0.606705	1
cg15698347	0.00070922	0.374068	-2.67331	0.00534796	0.496902	-2.01247	0.94809	0.987665	-1.01249	0.224907	0.784283	-1.27505	22.9816	13.2261	0.511563	1
cg26358246	0.496593	0.936086	-1.06828	0.004203	0.692921	-1.44316	0.678726	1.04066	1.04066	0.00947184	1.36967	1.36967	8.57176	1.24289	0.128888	1
cg22318996	0.687078	0.864844	-1.15628	?	?	?	?	?	?	0.213049	1.61324	1.61324	12.0858	15.5667	1.28802	1
cg15518923	0.0130211	2.88207	2.88207	0.0169427	0.372353	-2.68562	0.00338881	0.230461	-4.33913	0.0124193	0.3425	-2.91971	12.2523	13.7844	0.703149	1
cg04320354	0.669268	1.07345	1.07345	0.00232047	0.495734	-2.01721	0.590756	0.914347	-1.09368	0.00811471	0.571726	-1.74909	6.33845	2.73148	0.383056	1
cg08887902	0.298216	0.818862	-1.22121	0.000639565	0.378521	-2.64186	0.483516	0.876372	-1.14107	0.0946942	0.711494	-1.40549	5.05829	2.75149	0.483517	1
cg08212713	0.0896532	0.636016	-1.57229	0.605946	0.881742	-1.13412	0.0278396	1.87516	1.87516	0.0881085	1.57644	1.57644	4.42669	4.10089	0.823468	1
cg09707730	0.613985	0.940907	-1.0628	0.237427	0.862236	-1.15978	0.214851	0.855243	-1.16926	0.177866	1.18705	1.18705	4.35673	0.989653	0.201916	1
cg26770381	0.394687	0.509851	-1.96136	?	?	?	0.03454	9.2695	9.2695	?	?	?	9.31081	40.3696	3.46862	1
cg01029838	0.0284639	0.629218	-1.58927	0.243937	0.803779	-1.24412	0.813275	0.95849	-1.04331	0.00404248	0.500692	-1.99724	4.07137	2.07007	0.451951	1
cg24669602	0.402763	1.30898	1.30898	0.00875652	0.349942	-2.85761	0.114667	0.583055	-1.7151	0.666517	0.872559	-1.14605	3.45296	5.40712	1.39194	1
cg04543957	0.651865	1.12114	1.12114	0.00197644	0.332723	-3.00551	0.110376	0.645306	-1.54965	0.109608	0.644587	-1.55138	5.99448	6.0175	0.892302	1
cg04221681	0.649857	1.07797	1.07797	0.0166298	1.61679	1.61679	0.522	0.898873	-1.1125	0.356435	0.855707	-1.16862	12.7627	5.45564	0.379971	1
cg23152572	0.000207031	0.115139	-8.68516	0.00796346	0.306143	-3.26645	0.19442	0.620235	-1.61229	0.000958528	0.180557	-5.5384	9.3912	18.008	1.70448	1
cg14903221	0.267596	1.24727	1.24727	0.933123	0.98407	-1.01619	0.313008	1.22099	1.22099	0.0183531	1.72898	1.72898	3.71527	2.15396	0.51534	1
cg14299940	0.179016	2.55924	2.55924	0.00294562	14.6982	14.6982	0.060568	4.02646	4.02646	0.106712	3.18806	3.18806	3.4384	23.5978	6.10046	1
cg13022129	0.17771	1.38984	1.38984	0.0911788	1.53729	1.53729	0.292963	0.778962	-1.28376	0.922017	0.977952	-1.02254	5.85505	4.70566	0.625094	1
cg14153069	0.0657075	0.35376	-2.82677	0.0656008	0.35358	-2.82821	0.0583865	0.340922	-2.93322	0.733236	0.841871	-1.18783	3.89844	15.6304	3.56391	1
cg26104206	0.085081	0.580616	-1.72231	0.00682896	0.367665	-2.71987	0.0313299	0.486162	-2.05693	0.350119	1.31604	1.31604	3.3988	4.38911	1.14788	1
cg07625992	0.104606	0.459414	-2.17669	0.012281	0.254747	-3.92546	0.620925	1.24431	1.24431	0.0899684	0.440669	-2.26928	3.48833	10.6218	2.70663	1
cg01037890	4.65E-05	0.513499	-1.94742	0.00453962	0.720479	-1.38797	0.0882131	0.849482	-1.17719	0.26511	0.904198	-1.10595	20.5871	2.4516	0.105852	1
cg20094085	0.00422406	0.566343	-1.76571	0.242456	0.833956	-1.1991	0.437522	1.12474	1.12474	0.250469	1.19512	1.19512	8.061	2.81274	0.310162	1
cg24761366	0.243529	1.17311	1.17311	0.0270863	1.40827	1.40827	0.234606	0.849583	-1.17705	0.048617	0.744744	-1.34274	6.41282	1.73869	0.241003	1
cg18839609	0.227648	1.29094	1.29094	0.211413	0.766835	-1.30406	0.646184	0.911003	-1.09769	0.00373487	2.20258	2.20258	6.35688	4.09379	0.572438	1
cg06879152	0.172843	0.8025	-1.24611	0.00345805	0.547661	-1.82595	0.00341157	1.82858	1.82858	0.0641094	1.37104	1.37104	5.29075	1.92762	0.323856	1
cg23400208	0.00458735	1.69122	1.69122	0.278594	0.854815	-1.16984	0.156386	0.809684	-1.23505	0.00651986	1.63597	1.63597	3.99783	1.22762	0.272953	1
cg13503413	0.0241586	0.48702	-2.0533	0.174184	0.679188	-1.47235	0.0845578	0.600159	-1.66622	0.0839489	1.66824	1.66824	4.76745	5.40761	1.00825	1
cg00128482	0.00528142	0.425164	-2.35204	0.00436292	0.412424	-2.42469	0.724278	0.920928	-1.08586	0.0365862	0.568377	-1.7594	12.6711	10.8559	0.76155	1
cg04893119	0.0231118	0.35414	-2.82374	0.316697	0.673279	-1.48527	0.0462434	0.417815	-2.39341	0.0116254	0.299553	-3.3383	5.6317	13.0274	2.0562	1
cg09304624	0.141072	0.640944	-1.5602	0.00614858	0.366251	-2.73037	0.0404386	0.514223	-1.94468	0.115787	0.618556	-1.61667	5.00241	6.25599	1.11164	1
cg24661236	0.0716019	1.47574	1.47574	9.36E-06	0.15717	-6.36253	0.00651578	1.98162	1.98162	0.00699508	1.96351	1.96351	20.7353	12.2887	0.526797	1
cg21229337	0.114776	0.655414	-1.52575	0.773288	1.07375	1.07375	0.111651	0.652588	-1.53236	0.000369533	0.245564	-4.07225	8.27387	7.95203	0.854312	1
cg01210642	0.0227319	0.30594	-3.26861	0.00138077	0.133351	-7.49899	0.437255	0.708775	-1.41089	0.0227609	0.306046	-3.26748	4.89752	14.635	2.65621	1
cg17066531	0.124637	0.416793	-2.39927	0.285229	0.557493	-1.79375	0.0709807	0.345804	-2.89181	0.200884	0.491088	-2.0363	3.69769	16.2287	3.90122	1
cg19931348	0.0967866	0.852549	-1.17295	0.0174884	1.28803	1.28803	0.736696	0.970901	-1.02997	1.82E-06	0.353575	-2.82825	79.6348	9.6585	0.107809	1
cg09462575	0.251927	0.785214	-1.27354	0.0626623	0.654938	-1.52686	0.0012445	0.385562	-2.59362	0.00132928	0.389493	-2.56744	8.66356	5.60042	0.574608	1
cg02733351	0.000321923	0.184163	-5.42998	0.556059	0.841039	-1.18901	0.117765	0.610254	-1.63866	0.0887063	0.579294	-1.72624	5.05477	6.76719	1.19002	1
cg05994982	0.000209938	3.16201	3.16201	0.000796839	0.390415	-2.56138	0.0449973	1.53293	1.53293	0.0448355	1.53357	1.53357	14.0182	7.65531	0.48542	1
cg03983811	0.0134931	0.543188	-1.84098	0.119569	0.713857	-1.40084	0.0863772	1.45947	1.45947	0.0173842	1.78245	1.78245	8.5701	5.40586	0.560694	1
cg00997424	0.987426	1.00302	1.00302	0.256145	0.797116	-1.25452	0.97866	1.00513	1.00513	0.776544	1.05594	1.05594	5.7663	3.3421	0.515193	1
cg07179548	0.363855	0.696354	-1.43605	0.534814	0.783665	-1.27605	0.341579	0.683825	-1.46236	0.812195	1.0967	1.0967	5.36524	12.7804	2.1174	1
cg12324745	0.000311957	0.301268	-3.31931	0.226049	1.29804	1.29804	0.836606	1.04329	1.04329	0.0694737	0.659238	-1.5169	5.28326	3.52328	0.592778	1
cg15077012	0.696205	0.970968	-1.0299	0.00121501	0.700772	-1.427	0.0614526	0.853684	-1.17139	0.0995332	1.14516	1.14516	4.07476	0.36381	0.0793635	1
cg05317956	0.00474878	0.463036	-2.15966	0.0694168	0.658998	-1.51746	0.220854	0.767772	-1.30247	0.0138237	0.535413	-1.86772	3.97791	2.65608	0.593516	1
cg08949011	0.362219	0.891048	-1.12227	0.267915	1.15275	1.15275	0.832575	1.02642	1.02642	0.0552326	1.30695	1.30695	5.57532	1.33973	0.213596	1
cg12714758	0.00261272	0.632463	-1.58112	0.134548	0.837511	-1.19401	0.189351	0.858301	-1.16509	0.160642	1.17904	1.17904	13.6166	2.6048	0.170041	1
cg15207041	0.883658	1.0191	1.0191	0.00024537	2.18773	2.18773	0.015223	1.46982	1.46982	0.0974646	0.790595	-1.26487	10.4042	2.75095	0.235028	1
cg25018951	0.118586	0.459142	-2.17797	0.000919497	9.72841	9.72841	0.0318474	3.17624	3.17624	0.406626	1.47702	1.47702	8.07295	26.9876	2.97153	1
cg05965402	0.768131	1.0658	1.0658	0.194815	0.744086	-1.34393	0.766393	1.06633	1.06633	0.945805	0.985454	-1.01476	7.79147	5.73317	0.654068	1
cg06286301	0.121955	1.17808	1.17808	0.00383021	1.4639	1.4639	0.082375	0.828523	-1.20697	0.943594	1.00694	1.00694	3.9995	0.605381	0.134546	1
cg01722343	0.752382	1.08156	1.08156	0.0642087	1.67385	1.67385	0.0146753	2.10464	2.10464	0.834092	0.949373	-1.05333	3.70413	3.59941	0.863757	1
cg08615820	0.000157272	0.305424	-3.27414	0.625484	1.09442	1.09442	1.58E-05	0.194835	-5.13256	0.000779104	0.393627	-2.54048	33.6355	17.9225	0.473639	1
cg07833209	0.0186163	1.3835	1.3835	0.0329693	1.32815	1.32815	0.0071261	0.673341	-1.48513	0.137739	0.8337	-1.19947	6.89321	1.41365	0.182292	1
cg12534902	0.865398	1.07374	1.07374	0.198452	0.565545	-1.76821	0.474983	0.737356	-1.3562	0.874839	1.06834	1.06834	4.32194	12.0394	2.47613	1
cg02953144	0.167722	0.763534	-1.3097	0.190832	0.775571	-1.28937	0.196692	1.28461	1.28461	0.000331136	0.345323	-2.89584	19.8314	10.5743	0.473964	1
cg19669036	0.208082	0.792092	-1.26248	0.114377	0.73966	-1.35197	0.464607	1.13963	1.13963	0.942481	0.987408	-1.01275	6.011	2.93581	0.434138	1
cg11661809	0.0331073	0.855726	-1.1686	0.00174167	0.756392	-1.32207	0.206691	1.08685	1.08685	0.737861	1.02123	1.02123	10.4174	0.645288	0.055061	1
cg07721848	8.42E-05	0.3435	-2.91121	0.0135461	0.63018	-1.58685	0.00271507	1.86971	1.86971	0.00537085	0.574658	-1.74017	11.879	4.29636	0.321491	1
cg20969061	0.942018	0.978011	-1.02248	0.109812	0.586946	-1.70373	0.170442	0.640035	-1.56242	0.875715	1.04901	1.04901	3.61987	5.35665	1.31537	1
cg11845050	0.000249548	0.765363	-1.30657	0.000144037	0.748448	-1.3361	0.0966495	1.08404	1.08404	0.0102458	1.15395	1.15395	20.0917	0.622899	0.027558	1
cg01299854	0.665021	0.965372	-1.03587	0.300765	0.916917	-1.09061	0.0106431	0.771207	-1.29667	0.0754291	0.852047	-1.17364	6.79001	0.703739	0.0921274	1
cg08651039	0.789772	1.0352	1.0352	0.139937	0.814127	-1.22831	0.882581	0.981045	-1.01932	0.187637	0.834597	-1.19818	4.33888	1.15211	0.236028	1
cg21401517	0.165168	0.594014	-1.68346	0.126665	0.559192	-1.78829	0.00181492	4.75832	4.75832	0.385545	1.36748	1.36748	10.9678	21.5004	1.74251	1
cg25881553	0.0652086	0.725359	-1.37863	0.474257	1.1195	1.1195	0.000632136	2.25823	2.25823	0.943467	1.01106	1.01106	6.6872	2.54821	0.338717	1
cg01974375	0.0465272	0.4508	-2.21828	0.00560323	0.280517	-3.56484	0.0115248	0.331441	-3.01713	0.0752143	0.500405	-1.99838	4.13745	8.00336	1.71944	1
cg14212266	0.416197	1.13928	1.13928	0.167131	0.793662	-1.25998	5.73E-07	8.73392	8.73392	5.29E-06	5.05331	5.05331	44.5263	17.3643	0.346648	1
cg03290748	0.00981031	2.22222	2.22222	0.00444466	2.5302	2.5302	0.00685907	2.35454	2.35454	0.349609	0.790175	-1.26554	6.64784	6.29872	0.842208	1
cg06740710	0.122561	0.402838	-2.48239	0.0262273	0.238632	-4.19056	0.00208331	10.5299	10.5299	0.0105616	5.74218	5.74218	6.9096	25.132	4.15687	1
cg12735333	0.474257	0.810213	-1.23424	0.00201623	0.283693	-3.52493	0.483478	1.22869	1.22869	0.0722297	0.559775	-1.78643	5.56334	7.36915	1.17741	1
cg06511545	0.292517	0.83626	-1.1958	0.835562	0.966539	-1.03462	0.003657	0.5254	-1.90331	0.283597	1.20011	1.20011	5.15211	2.18771	0.377444	1
cg27070070	0.0543975	1.55127	1.55127	0.735871	1.07048	1.07048	0.446669	0.855535	-1.16886	0.156684	1.35627	1.35627	10.1275	6.4905	0.569672	1
cg23540938	0.00850385	0.422739	-2.36552	3.54E-05	0.129237	-7.73771	0.117599	1.54607	1.54607	0.000551356	0.252832	-3.95519	15.5685	16.2053	0.925246	1
cg16635274	0.378148	0.931342	-1.07372	0.00179979	0.705212	-1.41801	0.00369632	0.734477	-1.36151	0.744017	1.02611	1.02611	6.58422	0.645235	0.0871086	1
cg00416882	0.0909627	0.43767	-2.28482	0.000552008	0.0925744	-10.8021	0.00576734	0.200811	-4.9798	0.0820976	0.425356	-2.35097	5.88495	18.3547	2.77237	1
cg21075378	0.101018	0.482261	-2.07357	0.0022438	0.175994	-5.68202	0.0108505	0.272807	-3.6656	0.168461	0.551061	-1.81468	4.62462	12.077	2.3213	1
cg21061582	0.00488146	0.229076	-4.36537	0.00489848	0.229291	-4.36127	0.26304	0.630719	-1.58549	0.104233	0.495812	-2.01689	4.31815	10.6699	2.19639	1
cg15142430	0.249782	0.674471	-1.48264	0.0396617	0.458891	-2.17917	0.462769	0.782906	-1.27729	0.0194047	0.396341	-2.52308	3.48265	5.91362	1.50935	1
cg24879143	0.000408173	0.155578	-6.42765	0.0392341	2.20446	2.20446	0.572887	1.20776	1.20776	0.421388	0.761738	-1.31279	8.1402	14.1545	1.54564	1
cg04922072	0.0105848	0.48432	-2.06475	0.203127	0.738637	-1.35385	0.250296	1.31115	1.31115	0.173333	0.721298	-1.38639	4.88887	3.93729	0.715874	1
cg23995917	0.00101502	0.579408	-1.7259	0.037772	0.763581	-1.30962	0.669797	1.0492	1.0492	0.351634	0.89824	-1.11329	4.18472	0.830741	0.17646	1
cg11246695	0.659274	1.20131	1.20131	0.599537	1.24484	1.24484	0.689462	1.18061	1.18061	0.0389762	0.372381	-2.68542	8.29789	22.4555	2.40549	1
cg22298500	0.0645841	0.824877	-1.2123	0.000694405	1.61599	1.61599	0.000106345	1.88584	1.88584	0.503303	1.06502	1.06502	153.774	20.9447	0.12107	1
cg09352107	0.000165079	0.26319	-3.79953	0.0046529	0.457268	-2.1869	0.533147	0.877021	-1.14022	0.695283	0.921422	-1.08528	9.38768	6.42596	0.608453	1
cg21025876	0.162098	0.61781	-1.61862	?	?	?	0.383117	0.74936	-1.33447	0.117691	0.57802	-1.73004	5.99694	8.78682	1.46522	1
cg09263111	0.000197624	0.0168157	-59.4681	0.309502	0.503114	-1.98762	0.538987	1.50122	1.50122	0.977632	0.981854	-1.01848	5.60464	37.8703	6.00619	1
cg13619768	0.0235329	0.693379	-1.44221	0.814291	1.03237	1.03237	0.182106	0.825534	-1.21134	0.375496	1.13103	1.13103	5.42481	1.57463	0.258013	1
cg21310017	0.902302	1.03175	1.03175	0.158517	1.46768	1.46768	0.996915	1.00098	1.00098	0.180613	0.69637	-1.43602	4.46684	4.58377	0.912158	1
cg27001643	0.00651229	0.38961	-2.56667	0.00529701	0.375393	-2.66388	0.0755843	0.590196	-1.69435	0.439018	0.810251	-1.23419	4.31633	4.85827	1.00049	1
cg06700521	7.33E-05	0.207047	-4.82983	0.000501742	0.304766	-3.28121	0.449837	1.1831	1.1831	0.000587147	0.313531	-3.18948	19.915	15.0381	0.671211	1
cg18054181	0.842677	0.931027	-1.07408	0.347424	0.706134	-1.41616	0.227901	0.634321	-1.57649	0.0493636	0.446328	-2.24051	3.61859	7.41299	1.82097	1
cg15643574	0.157775	0.665309	-1.50306	0.434925	0.806591	-1.23979	0.0763941	1.70211	1.70211	0.996926	0.998961	-1.00104	13.2623	15.29	1.02479	1
cg01120308	0.0844623	2.45119	2.45119	0.783151	1.13838	1.13838	0.0863018	2.43569	2.43569	0.272997	0.585113	-1.70907	5.46054	19.0859	3.10687	1
ch.11.1834293F	0.179607	0.695702	-1.4374	0.583643	0.86858	-1.1513	0.712792	0.910176	-1.09869	0.214257	0.716878	-1.39494	5.37401	5.5153	0.912259	1
cg01441105	0.197868	0.905345	-1.10455	5.48E-05	1.73137	1.73137	0.000474374	1.49332	1.49332	0.213778	0.908788	-1.10037	13.6961	1.15793	0.0751501	1
cg16760049	0.493769	0.825924	-1.21077	0.0127898	2.34218	2.34218	0.00591675	2.69349	2.69349	0.272196	0.730126	-1.36963	9.80245	11.7582	1.06623	1
cg07005047	0.093922	0.470408	-2.12582	0.00630705	0.233033	-4.29123	0.0730099	0.440983	-2.26766	0.0587175	0.417161	-2.39715	6.35287	16.8684	2.36021	1
cg19941638	0.570011	0.892904	-1.11994	0.00575558	2.04236	2.04236	0.679517	1.08542	1.08542	0.493089	1.14723	1.14723	5.90842	3.64343	0.548134	1
cg10778862	0.477337	1.15775	1.15775	0.000170389	3.65389	3.65389	0.178215	1.33644	1.33644	0.959747	1.01029	1.01029	5.80645	3.77983	0.578641	1
cg04089703	0.107295	1.25253	1.25253	0.0109028	1.50588	1.50588	0.717963	0.954601	-1.04756	0.512425	1.08883	1.08883	4.39358	1.14177	0.230998	1
cg05991331	0.196528	0.785114	-1.2737	?	?	?	0.934402	0.985522	-1.01469	0.00351022	0.495873	-2.01665	4.01881	1.77578	0.441868	1
cg16157016	0.377906	1.7009	1.7009	0.460859	1.5539	1.5539	0.0199304	5.20428	5.20428	0.016651	5.5646	5.5646	3.56155	19.4425	4.85244	1
cg15875860	1.94E-05	0.38739	-2.58138	0.0143165	0.718708	-1.39139	0.111065	0.827078	-1.20908	0.304015	0.890095	-1.12347	10.7165	2.03015	0.168393	1
cg14537090	0.00025764	0.32099	-3.11536	0.000649776	0.372388	-2.68537	0.0758162	1.45251	1.45251	2.23E-05	0.200558	-4.98608	18.4378	10.4206	0.502378	1
cg20557688	0.223242	0.565634	-1.76793	0.00180441	0.138608	-7.21457	0.359299	1.52147	1.52147	0.199272	0.546678	-1.82923	6.51545	20.4579	2.79102	1
cg02799466	0.245889	1.62855	1.62855	0.00378639	4.80549	4.80549	0.0591731	2.354	2.354	0.628976	1.2161	1.2161	3.91142	10.0036	2.27337	1
cg05471730	0.983698	1.00268	1.00268	0.0148849	0.675726	-1.47989	0.84336	0.974442	-1.02623	0.0237983	1.42341	1.42341	3.97517	1.07824	0.241105	1
cg26112014	0.0388735	0.776629	-1.28762	5.98E-06	0.341776	-2.92589	0.175608	0.85878	-1.16444	0.842415	1.02126	1.02126	19.8177	3.5073	0.157313	1
cg07472438	0.076414	0.644318	-1.55203	0.570133	0.879875	-1.13652	0.0278581	1.7853	1.7853	0.439992	1.19198	1.19198	6.07489	4.78441	0.700063	1
cg06238779	0.243944	0.831029	-1.20333	7.51E-05	0.335802	-2.97795	0.0117375	0.620049	-1.61277	1.44E-05	0.254004	-3.93694	22.943	8.37624	0.324524	1
cg24993781	0.602732	1.30298	1.30298	0.471882	0.691548	-1.44603	0.58396	1.32144	1.32144	0.856519	0.912818	-1.09551	7.40042	29.7727	3.5761	1
cg11823654	0.00295572	0.509388	-1.96314	0.431002	1.1421	1.1421	0.217062	1.23949	1.23949	0.186107	1.26078	1.26078	6.83203	2.95689	0.384709	1
cg02393447	0.0796123	1.16166	1.16166	0.0894026	0.865672	-1.15517	0.406283	0.93666	-1.06762	0.201651	1.10943	1.10943	6.75937	0.635061	0.0835135	1
cg05572164	0.866043	1.063	1.063	0.00092435	0.166898	-5.99168	0.742978	1.12645	1.12645	0.187731	0.603406	-1.65726	7.13051	14.7871	1.84336	1
cg10978544	0.498731	1.28972	1.28972	0.00536782	0.257107	-3.88943	0.4326	1.34541	1.34541	0.0258001	0.375052	-2.6663	4.73102	10.284	1.93222	1
cg19991916	0.0048913	0.709081	-1.41028	0.225116	1.12461	1.12461	0.00456698	0.706014	-1.4164	2.99E-10	0.0360393	-27.7475	254.541	34.2526	0.119615	1
cg07037635	0.299971	0.569931	-1.7546	0.00025482	0.0426877	-23.426	0.865371	0.915008	-1.09289	0.0124772	0.196495	-5.08919	9.68221	42.0148	3.85723	1
cg13505279	0.227749	0.588569	-1.69904	0.00261911	0.174747	-5.72256	0.0160866	0.291374	-3.43201	0.0743182	0.434965	-2.29904	4.72914	13.1272	2.46738	1
cg21613364	0.101823	1.79618	1.79618	0.0413429	0.463242	-2.1587	0.781464	0.913072	-1.0952	0.10771	1.77542	1.77542	4.72015	7.99433	1.50548	1
cg16177739	4.94E-05	0.205244	-4.87224	0.000152893	0.259477	-3.8539	0.241701	0.775206	-1.28998	6.23E-05	0.215881	-4.63218	27.1928	18.5939	0.607805	1
cg13172254	0.0533818	0.729915	-1.37002	0.00232634	0.543324	-1.84052	0.518973	0.910466	-1.09834	0.662267	0.938892	-1.06509	5.09564	1.66109	0.289763	1
ch.2.1116759R	0.413714	0.548816	-1.82211	0.136618	0.316175	-3.16281	0.166229	0.346452	-2.88641	0.384084	0.526859	-1.89804	5.90332	48.2039	7.25828	1
cg24868028	0.542078	1.07628	1.07628	0.000973595	0.557384	-1.79409	0.483609	1.0885	1.0885	0.372717	1.11517	1.11517	4.22358	0.94906	0.199738	1
cg15577924	0.00961337	0.570039	-1.75427	0.000412546	0.382407	-2.61502	0.142008	0.762855	-1.31086	0.00334065	0.504176	-1.98343	27.334	12.7276	0.413895	1
cg26867200	0.101685	1.25136	1.25136	0.522314	1.08453	1.08453	0.233305	0.855228	-1.16928	0.165406	1.2034	1.2034	24.0017	5.95309	0.220469	1
cg05828119	0.000276332	0.174939	-5.71626	8.79E-06	0.0593128	-16.8598	0.745049	1.10026	1.10026	8.36E-05	0.125812	-7.94837	19.3848	26.3265	1.2072	1
cg10395330	0.000986939	0.313091	-3.19396	0.00588496	0.425396	-2.35075	0.156205	1.43297	1.43297	0.842701	0.953973	-1.04825	9.88907	8.80932	0.791835	1
cg04658846	0.393153	0.828585	-1.20688	0.0473798	0.614074	-1.62847	0.871793	0.965878	-1.03533	0.322665	0.802836	-1.24558	8.25557	6.04181	0.65053	1
cg16619777	0.198948	0.717665	-1.39341	0.611886	0.882448	-1.13321	0.641231	1.12153	1.12153	0.136758	0.675855	-1.47961	8.15665	7.71673	0.840948	1
cg03609847	0.516124	0.94468	-1.05856	0.00253789	1.43637	1.43637	0.939901	0.993504	-1.00654	0.000970011	0.654159	-1.52868	7.80503	0.92357	0.105182	1
cg23689517	0.488217	1.15559	1.15559	0.00196406	2.45604	2.45604	0.321771	1.23392	1.23392	0.307685	0.805061	-1.24214	7.25137	4.84299	0.593665	1
cg09566237	0.851163	0.974949	-1.0257	0.707598	1.05221	1.05221	0.720698	0.952667	-1.04968	0.684632	0.946341	-1.0567	7.09089	2.04876	0.256825	1
cg18714782	0.45148	0.810368	-1.23401	0.129811	0.638563	-1.56602	0.585073	1.16313	1.16313	0.483015	0.822505	-1.2158	5.62585	6.69367	1.0576	1
cg02511320	0.683204	1.09974	1.09974	0.0110579	0.477882	-2.09257	0.165551	0.709859	-1.40873	0.0425895	0.582182	-1.71768	4.59086	3.90378	0.755854	1
cg06372249	0.126386	0.700044	-1.42848	0.0380981	1.67939	1.67939	0.127116	1.42735	1.42735	0.283609	1.27156	1.27156	4.27198	3.14674	0.654755	1
cg12475106	0.746611	1.05855	1.05855	0.0088705	1.79425	1.79425	0.27631	1.21988	1.21988	0.139589	0.756519	-1.32184	4.19595	2.04717	0.433681	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24092050	PIGG;PIGG	0.0334581	0.367028	0.80876	-1.23646	0.0382541	0.576926	-1.73332	0.0867458	0.648355	-1.54236	0.965833	1.00986	1.00986	0.00793216	0.458499	-2.18103
cg04258934	PIGH	1.75E-05	0.189576	1.18822	1.18822	5.42E-07	0.177877	-5.62187	0.00145526	0.565113	-1.76956	0.609494	0.938064	-1.06602	0.000722833	0.52819	-1.89326
cg18730782	PIGH	1.93E-05	3.46E-07	0.0766218	-13.0511	0.00760908	1.81872	1.81872	0.58944	0.909418	-1.0996	0.143132	0.760147	-1.31554	0.00599765	1.86988	1.86988
cg16332075	PIGH	0.000167436	0.0160672	0.540824	-1.84903	0.00101933	0.36195	-2.76281	0.0928768	0.679963	-1.47067	0.605204	1.11493	1.11493	5.46E-06	0.117127	-8.53776
cg00740721	PIGH	0.0351567	0.239241	0.718838	-1.39113	0.0105826	0.42265	-2.36602	0.00581935	0.380082	-2.63101	0.018879	0.466858	-2.14198	0.172782	0.67799	-1.47495
cg08186508	PIGH;PIGH	0.0325758	0.0273806	0.641837	-1.55803	0.622871	0.919232	-1.08786	0.0631905	0.701158	-1.42621	0.0660673	0.704467	-1.41951	0.00974689	0.573849	-1.74262
cg02162421	PIGK	1.23E-05	4.36E-05	0.238303	-4.19634	0.0143734	0.57237	-1.74712	0.0163942	0.581335	-1.72018	0.00906437	1.84642	1.84642	0.000157318	0.302517	-3.3056
cg25198894	PIGK	0.00692981	0.0244377	1.3606	1.3606	0.152087	0.838444	-1.19269	0.026628	1.35221	1.35221	0.0383031	0.759039	-1.31746	0.16483	0.843512	-1.18552
cg26008469	PIGK	0.0358287	0.902597	0.984445	-1.0158	0.675988	0.947601	-1.0553	0.0410696	0.739457	-1.35234	0.00287953	0.591627	-1.69025	0.297191	1.14842	1.14842
cg13485874	PIGL	1.15E-05	9.94E-06	0.151382	-6.60582	2.83E-05	0.194448	-5.14276	0.0804102	0.67989	-1.47083	0.161222	0.742535	-1.34674	3.56E-07	0.0538298	-18.5771
cg05605029	PIGL	5.86E-05	0.000530964	0.295542	-3.38361	0.000912807	0.326219	-3.06543	0.000146695	0.228584	-4.37476	0.00345328	0.407714	-2.4527	1.64E-05	0.134894	-7.41323
cg19135352	PIGL	0.000146197	0.000161082	0.346665	-2.88463	0.0029719	0.511596	-1.95467	0.000970856	0.446145	-2.24143	0.105314	0.747565	-1.33768	0.00650845	0.559128	-1.7885
cg22479481	PIGL	0.000882418	0.00761174	0.707845	-1.41274	0.844449	1.01998	1.01998	2.89E-05	2.28503	2.28503	0.593477	0.947196	-1.05575	0.207688	1.14312	1.14312
cg04592811	PIGL	0.00203376	0.0434969	0.558468	-1.79061	0.884685	0.964239	-1.03709	0.000829867	0.282831	-3.53568	0.000337013	0.234502	-4.26435	0.018888	0.489909	-2.0412
cg26258274	PIGL	0.0096338	0.789039	1.07845	1.07845	0.0459767	0.525097	-1.90441	0.848123	0.947432	-1.05549	0.446745	1.24411	1.24411	0.495828	1.21503	1.21503
cg04195226	PIGL	0.0141141	0.00792289	0.120116	-8.32528	0.0762601	0.293006	-3.4129	0.416307	0.596284	-1.67705	0.079631	0.297978	-3.35595	0.00407017	0.0907268	-11.0221
cg21399795	PIGL	0.015959	0.240233	1.14895	1.14895	0.419435	1.09763	1.09763	0.572658	0.937657	-1.06649	0.0863855	0.807414	-1.23852	0.188506	1.17039	1.17039
cg04780697	PIGL	0.0259418	0.46938	1.10784	1.10784	0.025574	0.691373	-1.4464	0.269985	1.1733	1.1733	0.918945	1.01426	1.01426	0.0407877	1.38898	1.38898
cg05310071	PIGL	0.0279964	0.963946	0.987697	-1.01246	0.215225	1.42941	1.42941	0.0954129	0.605496	-1.65154	0.0609616	0.560804	-1.78316	0.181738	0.678264	-1.47435
cg11330839	PIGL	0.0300209	0.516144	0.874912	-1.14297	0.157023	1.35962	1.35962	0.701576	1.08129	1.08129	0.241172	1.2828	1.2828	0.368665	1.20613	1.20613
cg11328403	PIGL	0.0370237	0.039157	0.733551	-1.36323	0.78121	0.964501	-1.03681	0.757929	0.960663	-1.04095	0.0172504	0.686183	-1.45734	0.570664	1.07723	1.07723
cg00442174	PIGL;MIR1288	7.66E-06	0.00812112	0.765221	-1.30681	3.90E-07	0.317866	-3.14598	1.46E-05	0.491005	-2.03664	0.521715	1.05261	1.05261	0.210248	1.10988	1.10988
cg13987606	PIGM	0.0258253	0.0304938	0.206297	-4.84738	0.0155597	0.158534	-6.30778	0.197961	0.429679	-2.32732	0.187554	0.42019	-2.37988	0.014752	0.155216	-6.44265
cg15069926	PIGM;PIGM	0.00710849	0.00087527	0.251077	-3.98284	0.108049	0.615367	-1.62505	0.00224006	3.27096	3.27096	0.543208	1.18579	1.18579	0.120328	0.627137	-1.59455
cg23570958	PIGN;PIGN;KIAA1468	0.0386572	0.131839	0.794912	-1.258	0.0234824	0.682575	-1.46504	0.689423	0.944889	-1.05833	0.136588	0.797468	-1.25397	0.813987	1.03382	1.03382
cg00049330	PIGN;PIGN;PIGN;PIGN;KIAA1468	0.00329441	0.543075	0.936672	-1.06761	0.0512663	1.26602	1.26602	0.0522439	0.790862	-1.26444	0.0632543	1.24857	1.24857	0.833412	1.02264	1.02264
cg18661731	PIGN;PIGN;PIGN;PIGN;KIAA1468	0.0346274	0.268029	0.829913	-1.20495	0.0359324	0.674126	-1.4834	0.259326	0.826831	-1.20944	0.184301	0.79647	-1.25554	0.00889934	0.583991	-1.71236
cg14281165	PIGO;PIGO;PIGO	0.0379001	0.735635	0.835855	-1.19638	0.496698	1.4407	1.4407	0.897176	0.933881	-1.0708	0.610445	0.761979	-1.31237	0.000668273	0.0636304	-15.7158
cg02081018	PIGP;PIGP;TTC3;PIGP	0.00565382	0.650029	0.933431	-1.07132	0.673036	1.0661	1.0661	0.129602	1.28012	1.28012	0.377466	1.14634	1.14634	0.0252155	0.669391	-1.4939
cg04538470	PIGP;PIGP;TTC3;PIGP;PIGP	0.0332058	0.013816	0.0746533	-13.3953	0.916333	0.925695	-1.08027	0.161921	3.14641	3.14641	0.791797	0.823137	-1.21486	0.04747	0.160957	-6.21284
cg00013655	PIGQ;PIGQ	0.000311969	0.135729	1.77179	1.77179	0.00491143	3.76531	3.76531	7.54E-05	12.8733	12.8733	0.00520519	3.7126	3.7126	0.159579	0.585855	-1.70691
cg06486124	PIGQ;PIGQ	0.0018263	0.969625	0.988694	-1.01144	0.0386691	2.04438	2.04438	0.158254	1.569	1.569	0.149287	1.58687	1.58687	5.02E-05	0.103213	-9.68869
cg08745556	PIGQ;PIGQ	0.00729424	0.466154	1.08773	1.08773	0.339955	0.89448	-1.11797	0.161367	1.18482	1.18482	0.00158875	0.598124	-1.67189	0.030444	0.749453	-1.33431
cg24014020	PIGQ;PIGQ	0.0098867	0.00214901	0.603746	-1.65633	0.781141	1.03315	1.03315	0.739124	1.03991	1.03991	0.543499	1.07465	1.07465	0.0185064	0.715736	-1.39716
cg17453671	PIGR	3.37E-05	0.519297	0.895179	-1.1171	0.0611979	0.699378	-1.42984	1.81E-06	0.133174	-7.50899	0.0964879	1.3625	1.3625	2.45E-05	0.24089	-4.15128
cg01965508	PIGR	9.40E-05	0.021466	0.707025	-1.41438	0.741104	1.04248	1.04248	0.01057	0.667927	-1.49717	6.86E-06	0.286087	-3.49544	8.84E-05	0.414214	-2.41421
cg12751565	PIGR	0.00245715	0.0539515	0.419235	-2.3853	0.141352	0.53341	-1.87473	0.00190023	0.174071	-5.74477	0.791142	1.11123	1.11123	0.000748864	0.131033	-7.63168
cg20953047	PIGR	0.0152742	0.358008	0.817116	-1.22382	0.945928	1.0146	1.0146	0.0176234	0.539565	-1.85335	0.874232	1.03443	1.03443	0.000597169	0.322368	-3.10204
cg00961792	PIGR	0.0283973	0.82968	1.08611	1.08611	0.706404	0.864929	-1.15616	0.0358421	0.392056	-2.55066	0.623895	0.82737	-1.20865	0.141995	0.545872	-1.83193
cg02105856	PIGR;PIGR	0.00276077	0.00240906	0.224541	-4.45353	0.0080851	0.301619	-3.31544	0.0185309	0.364542	-2.74316	0.00319984	0.241206	-4.14583	0.00294695	0.236289	-4.23211
cg15097606	PIGS	0.00626202	0.00068009	0.522998	-1.91205	0.294792	1.14527	1.14527	0.554807	1.07742	1.07742	0.0179077	0.698238	-1.43218	0.00613123	0.639889	-1.56277
cg21795637	PIGS	0.00940542	0.353532	0.804847	-1.24247	0.00444348	0.421798	-2.3708	0.610557	1.12391	1.12391	0.65864	1.10641	1.10641	0.0359924	0.574199	-1.74156
cg13355623	PIGS	0.0117052	0.223612	0.81726	-1.2236	0.0123881	1.6345	1.6345	0.00138135	2.07925	2.07925	0.0384172	0.68483	-1.46022	0.389009	0.869942	-1.1495
cg01471654	PIGS	0.0212924	0.0700674	0.489763	-2.0418	0.443559	1.31697	1.31697	0.286713	0.677105	-1.47688	0.833841	1.07685	1.07685	0.0621705	0.477079	-2.09609
cg04003920	PIGT	9.73E-05	1.73E-05	0.195659	-5.11094	0.508518	0.883124	-1.13234	0.0103999	0.549957	-1.81833	0.00275907	0.465221	-2.14952	5.81E-06	0.151176	-6.61479
cg12143125	PIGT	0.000255111	0.00154666	0.743729	-1.34458	0.000154143	1.5246	1.5246	0.00210428	1.32481	1.32481	0.0116939	1.22737	1.22737	0.0407657	1.16602	1.16602
cg06334857	PIGT	0.00792291	?	?	?	0.352085	0.643669	-1.55359	0.511868	1.35411	1.35411	?	?	?	0.00403959	8.63445	8.63445
cg17782950	PIGT	0.00941315	0.0265246	0.331998	-3.01207	0.96141	0.979918	-1.02049	0.0228646	0.319276	-3.13208	0.357708	0.672614	-1.48674	0.00170682	0.152876	-6.54123
cg21723559	PIGT	0.0232403	0.00847242	0.235645	-4.24368	0.96915	0.983505	-1.01677	0.0774822	0.429986	-2.32566	0.068676	0.416288	-2.40218	0.00345302	0.181283	-5.51625
cg00188822	PIGT;PIGT	0.00716328	0.861933	0.990691	-1.0094	0.0030468	0.804062	-1.24368	0.782774	1.01496	1.01496	0.0527496	1.12558	1.12558	0.406862	0.955437	-1.04664
cg04015486	PIGT;PIGT	0.00864323	0.346458	0.928806	-1.07665	0.0911734	0.867855	-1.15227	0.0987953	1.14784	1.14784	0.481089	1.05607	1.05607	0.00290875	0.732194	-1.36576
cg25639848	PIGU	0.000401844	0.193903	0.801538	-1.2476	0.00607254	0.561782	-1.78005	0.99673	0.999341	-1.00066	0.000144965	2.86638	2.86638	0.886084	0.977193	-1.02334
cg17162808	PIGU	0.00258298	0.755096	0.946411	-1.05662	0.000145499	0.316293	-3.16162	0.00618545	0.533404	-1.87475	0.157641	0.766472	-1.30468	0.14925	0.761689	-1.31287
cg18346038	PIGU	0.00735584	0.106504	0.751709	-1.3303	0.0214994	1.56394	1.56394	0.0106781	1.68153	1.68153	0.0900488	0.738938	-1.35329	0.00563783	0.555272	-1.80092
cg20064704	PIGU	0.0147643	0.531963	1.19232	1.19232	0.989536	0.996363	-1.00365	0.393792	1.27468	1.27468	0.0180526	2.22117	2.22117	0.0389591	0.514758	-1.94266
cg25162946	PIGU	0.0420315	0.468193	0.786894	-1.27082	0.638105	1.16629	1.16629	0.83507	1.07004	1.07004	0.111354	0.569429	-1.75615	0.00136072	0.220981	-4.52527
cg00114008	PIGV	0.000320847	0.434657	0.928102	-1.07747	0.0178518	1.30933	1.30933	8.00E-05	1.94796	1.94796	0.0165777	1.31511	1.31511	0.504786	0.938614	-1.0654
cg07782886	PIGV	0.000357824	0.0692786	0.770463	-1.29792	0.129009	1.23427	1.23427	0.1395	1.22634	1.22634	0.962589	0.994	-1.00604	0.0746304	0.775065	-1.29021
cg21863499	PIGV	0.00129862	0.854858	1.05526	1.05526	0.0117991	2.5188	2.5188	0.0386889	0.494909	-2.02057	0.0604116	1.86277	1.86277	0.0720496	0.554414	-1.80371
cg01791104	PIGV	0.00474398	0.0202201	0.492614	-2.02999	0.000566545	3.85898	3.85898	0.319074	0.77079	-1.29737	0.645698	0.889549	-1.12417	0.0235486	0.504718	-1.98131
cg13391849	PIGV	0.0053109	0.0547593	0.708458	-1.41152	0.00335121	1.88046	1.88046	0.261166	0.83078	-1.20369	0.32213	0.850602	-1.17564	0.173325	0.795162	-1.25761
cg18028470	PIGV	0.0192324	0.324963	0.613445	-1.63014	0.00835294	0.197837	-5.05468	0.0608074	0.362008	-2.76237	0.0296184	0.291964	-3.42508	0.00930913	0.204735	-4.88436
cg17168636	PIGV	0.0214213	0.155227	0.611449	-1.63546	0.84891	1.06363	1.06363	0.150404	1.64634	1.64634	0.00124076	0.217302	-4.6019	0.115934	0.575437	-1.73781
cg18289893	PIGV	0.0270396	0.0330782	0.3676	-2.72035	0.0386767	2.61609	2.61609	0.180573	1.77005	1.77005	0.00345769	0.203046	-4.92498	0.578834	0.798364	-1.25256
cg12806381	PIGV	0.0361618	0.149927	0.872695	-1.14588	0.250589	1.11172	1.11172	0.101894	1.17111	1.17111	0.00265892	0.693063	-1.44287	0.816927	1.02067	1.02067
cg23283076	PIGV	0.0463275	0.0851877	0.674358	-1.48289	0.875748	0.968125	-1.03292	0.0443624	1.61298	1.61298	0.0184196	0.553236	-1.80755	0.449782	0.852625	-1.17285
cg10971346	PIGV;PIGV	2.61E-06	0.000341412	0.736951	-1.35694	3.08E-06	1.79805	1.79805	0.000511798	1.33252	1.33252	0.336564	1.05383	1.05383	0.781959	0.985426	-1.01479
cg19413841	PIGW	0.0019838	0.301627	1.25282	1.25282	0.2803	0.789488	-1.26664	0.0418511	0.610176	-1.63887	0.17567	0.738392	-1.35429	0.000663199	2.99772	2.99772
cg02097479	PIGW;MYO19;MYO19;MYO19	0.0078248	0.0773866	0.382794	-2.61237	0.00565966	0.169369	-5.90426	0.0196485	0.251931	-3.96934	0.997335	0.998367	-1.00164	0.00703551	0.181924	-5.49679
cg03705042	PIGW;MYO19;MYO19;MYO19	0.0116377	0.0399545	2.06352	2.06352	0.974219	1.00991	1.00991	0.290437	0.715527	-1.39757	0.0526327	1.95853	1.95853	0.118437	1.67726	1.67726
cg27019019	PIGW;MYO19;MYO19;MYO19	0.0131559	0.665605	0.835422	-1.197	0.00270543	0.180225	-5.54861	0.00550945	0.221163	-4.52156	0.119917	2.00914	2.00914	0.0336497	0.358409	-2.79011
cg20531872	PIGX;C3orf34;PIGX	0.00938193	0.02674	0.555105	-1.80146	0.349408	1.24112	1.24112	0.0589736	0.619882	-1.61321	0.749249	1.07456	1.07456	0.019036	0.529107	-1.88998
cg12484979	PIGX;C3orf34;PIGX	0.0317243	0.0334967	0.759089	-1.31737	0.253357	1.14153	1.14153	0.767807	0.967681	-1.0334	0.228746	0.869216	-1.15046	0.327186	0.893833	-1.11878
cg12732734	PIGX;PIGX	0.0483608	0.0729157	0.523955	-1.90856	0.0258276	0.425245	-2.35159	0.0369067	0.456982	-2.18827	0.290799	0.701729	-1.42505	0.00538865	0.306128	-3.26661
cg05419984	PIGX;PIGX;C3orf34	0.014632	0.00871138	0.156918	-6.37275	0.272985	1.88162	1.88162	0.807945	0.873774	-1.14446	0.399949	0.62039	-1.61189	0.00730467	0.147104	-6.79789
cg13375984	PIGY;PIGY	0.00166532	0.553624	1.08024	1.08024	0.000113196	0.417554	-2.3949	0.110741	0.799435	-1.25088	0.846279	1.02532	1.02532	0.0951032	0.789588	-1.26648
cg03340036	PIGY;PIGY	0.00469573	0.629425	1.17394	1.17394	0.422754	0.763326	-1.31006	0.227168	0.658249	-1.51918	0.749455	0.899714	-1.11146	9.02E-05	0.0992901	-10.0715
cg02464357	PIGY;PIGY	0.0106657	0.312028	1.13285	1.13285	0.0467381	0.762187	-1.31201	0.0845749	0.796505	-1.25549	0.641347	1.05755	1.05755	0.972534	1.00411	1.00411
cg02576938	PIGY;PIGY	0.0214193	0.479818	1.10005	1.10005	0.00124276	1.87086	1.87086	0.00579961	1.61568	1.61568	0.089599	1.28203	1.28203	0.664933	1.05956	1.05956
cg05332489	PIGY;PIGY	0.0342346	0.565522	1.11488	1.11488	0.472268	1.14667	1.14667	0.0515943	0.660506	-1.51399	0.110238	1.38521	1.38521	0.547117	0.892207	-1.12082
cg22990726	PIGZ	0.000593991	0.0125033	0.619199	-1.61499	0.674916	1.06724	1.06724	0.804682	0.962498	-1.03896	0.896625	1.02026	1.02026	1.64E-05	0.254434	-3.93029
cg05938285	PIGZ	0.00205186	0.407951	1.19153	1.19153	0.223647	1.30303	1.30303	0.150089	1.37633	1.37633	0.027154	1.71843	1.71843	0.0163056	0.544414	-1.83684
cg05674437	PIGZ	0.00328749	0.0154364	5.57129	5.57129	0.000399957	25.9299	25.9299	0.0685399	3.24936	3.24936	0.0424451	3.8596	3.8596	0.00162571	13.5968	13.5968
cg06851971	PIGZ	0.00612666	0.00301351	2.32944	2.32944	0.00197985	2.48092	2.48092	0.17553	1.34922	1.34922	0.0083981	2.01389	2.01389	0.587667	1.12057	1.12057
cg19280206	PIGZ	0.0143625	0.0442301	2.5579	2.5579	0.00532884	4.44533	4.44533	0.0190711	3.16778	3.16778	0.244746	1.63963	1.63963	0.0217621	3.06226	3.06226
cg00936626	PIGZ	0.0304031	0.0453062	3.6344	3.6344	0.0273377	4.33726	4.33726	0.0468371	3.5925	3.5925	0.146069	2.40351	2.40351	0.0262929	4.39713	4.39713
cg23243608	PIGZ	0.0357376	0.0829526	2.03621	2.03621	0.034143	2.49844	2.49844	0.135827	1.81368	1.81368	0.023152	2.73372	2.73372	0.0733896	0.477378	-2.09478
cg03928961	PIGZ	0.0380539	0.134508	3.16985	3.16985	0.012117	9.35569	9.35569	0.028203	6.37724	6.37724	0.195834	2.65914	2.65914	0.0540603	4.77464	4.77464
cg26964117	PIH1D1	4.16E-05	1.64E-05	0.22779	-4.39001	0.000104421	0.318557	-3.13915	0.954386	0.990504	-1.00959	0.99295	0.998527	-1.00147	0.000392836	0.389836	-2.56518
cg19230443	PIH1D1	0.0010238	0.0390077	0.634237	-1.5767	0.526646	1.13005	1.13005	0.00139722	0.413852	-2.41632	0.228882	0.786118	-1.27207	0.000384992	0.339722	-2.94358
cg19216817	PIH1D1	0.0144885	0.446099	0.801451	-1.24774	0.0605319	0.547108	-1.82779	0.963446	0.987025	-1.01315	0.363097	1.30522	1.30522	0.0052565	0.350331	-2.85444
cg07580827	PIH1D2;PIH1D2	0.0490045	0.240676	0.620821	-1.61077	0.832361	0.921029	-1.08574	0.00700833	0.258418	-3.8697	0.609663	1.2212	1.2212	0.302136	1.51416	1.51416
cg07034173	PIH1D2;PIH1D2;PIH1D2;C11orf57;C11orf57;PIH1D2;C11orf57	0.0120329	0.000171271	0.223511	-4.47406	0.874034	1.03792	1.03792	0.583521	1.1387	1.1387	0.392535	0.814247	-1.22813	0.392459	1.22817	1.22817
cg24053610	PIK3AP1	7.38E-05	0.00904929	1.2744	1.2744	0.0132925	1.25134	1.25134	0.161202	0.896403	-1.11557	0.291831	1.08322	1.08322	0.0336591	1.19881	1.19881
cg26422624	PIK3AP1	0.000141644	0.026898	1.59648	1.59648	0.000959596	2.4057	2.4057	0.744972	0.943411	-1.05998	0.981219	1.00421	1.00421	0.000622235	2.55893	2.55893
cg19065773	PIK3AP1	0.000531804	0.187569	1.16536	1.16536	0.94982	0.993128	-1.00692	0.0164529	0.7253	-1.37874	0.130153	1.19616	1.19616	0.509508	0.92931	-1.07607
cg06631766	PIK3AP1	0.00396094	0.154978	0.786239	-1.27188	0.0349279	1.4746	1.4746	0.230962	0.819918	-1.21963	0.493643	0.895976	-1.1161	0.00864186	0.589195	-1.69723
cg27664530	PIK3AP1	0.00545339	0.299501	0.563967	-1.77315	0.453373	0.665729	-1.50211	0.0835566	2.77381	2.77381	0.0803424	2.81033	2.81033	0.220002	1.98768	1.98768
cg27479162	PIK3AP1	0.0073298	0.166587	0.567177	-1.76312	0.816629	0.914562	-1.09342	0.00185622	0.182973	-5.46527	0.255424	0.633488	-1.57856	0.680161	1.17279	1.17279
cg27190138	PIK3AP1	0.00912098	0.096977	0.382893	-2.6117	0.759022	0.850315	-1.17604	0.0481147	3.28843	3.28843	0.0775091	2.81252	2.81252	0.490542	1.44636	1.44636
cg07009563	PIK3C2B	4.08E-05	0.000236122	0.279277	-3.58068	0.000755246	0.343262	-2.91322	0.000416137	0.309737	-3.22855	0.800343	1.05448	1.05448	1.41E-06	0.0764546	-13.0797
cg13927938	PIK3C2B	0.0120062	0.0525898	2.55194	2.55194	0.000655033	9.20988	9.20988	0.151214	1.92293	1.92293	0.0644582	2.41835	2.41835	0.18312	1.82304	1.82304
cg15903562	PIK3C2B	0.0163132	0.112285	0.699206	-1.43019	0.277744	0.791686	-1.26313	0.0265836	0.580459	-1.72277	0.0161042	1.83938	1.83938	0.436534	1.17853	1.17853
cg17419461	PIK3C2B	0.0385537	0.10711	1.68871	1.68871	0.00364305	3.22742	3.22742	0.0187591	2.33581	2.33581	0.132411	1.62206	1.62206	0.848644	1.05857	1.05857
cg04885666	PIK3C2B	0.0481537	0.0484741	0.625398	-1.59898	0.877723	1.03258	1.03258	0.373009	1.20975	1.20975	0.0228565	1.76296	1.76296	0.444847	0.850297	-1.17606
cg14069622	PIK3C2G	2.31E-06	0.000574242	1.62282	1.62282	5.97E-07	0.287088	-3.48325	3.81E-07	0.266415	-3.75355	0.0672341	0.830021	-1.20479	0.0366395	0.802061	-1.24679
cg17881542	PIK3C2G	0.000961381	0.000314309	0.279517	-3.5776	0.0090103	0.484462	-2.06415	0.0193703	0.53948	-1.85364	0.144865	1.40741	1.40741	0.000179807	0.250543	-3.99133
cg01741038	PIK3C2G	0.00163044	0.000445585	0.240032	-4.16612	0.00497877	0.383904	-2.60482	0.00223604	0.332055	-3.01155	0.772769	1.07741	1.07741	0.000346691	0.227159	-4.4022
cg04878685	PIK3C2G	0.0125921	0.0607721	0.399541	-2.50287	0.00688514	0.219055	-4.56507	0.026476	0.319228	-3.13256	0.0232156	0.308006	-3.24669	0.00140627	0.134379	-7.44163
cg09363891	PIK3C2G	0.0317737	0.469557	0.602285	-1.66034	0.00348279	0.065079	-15.3659	0.0239184	0.156154	-6.40392	0.0496823	0.213752	-4.67832	0.0242513	0.157091	-6.36573
cg12750800	PIK3C2G	0.0410326	0.00564541	0.582569	-1.71654	0.368957	1.14713	1.14713	0.528803	0.909444	-1.09957	0.108642	0.770807	-1.29734	0.00651149	0.590961	-1.69216
cg11552079	PIK3C2G	0.0436331	0.0324881	0.555399	-1.80051	0.573102	0.874792	-1.14313	0.0726549	0.624691	-1.60079	0.0825539	0.636517	-1.57105	0.00439302	0.409199	-2.4438
cg27662412	PIK3C3	0.00433498	0.556672	0.833869	-1.19923	0.00226269	3.69007	3.69007	0.00889286	2.76593	2.76593	0.39901	0.768071	-1.30196	0.239649	0.686402	-1.45687
cg25671118	PIK3C3	0.0055031	0.224662	0.679817	-1.47098	0.0992821	0.578827	-1.72763	0.00523264	0.328034	-3.04846	0.32432	1.3607	1.3607	0.00120282	0.238035	-4.20107
cg12589839	PIK3C3	0.0153104	0.74086	0.94315	-1.06028	0.00247093	0.476051	-2.10062	0.00554623	0.525888	-1.90154	0.315935	0.832886	-1.20064	0.0460714	1.4965	1.4965
cg24362401	PIK3C3;PIK3C3	0.00127964	0.0160922	0.386418	-2.58787	0.0133552	2.68954	2.68954	0.0050602	3.30867	3.30867	?	?	?	0.0920433	0.549522	-1.81976
cg01792902	PIK3CA	0.000696882	0.47651	0.865422	-1.15551	0.000801658	2.74663	2.74663	0.000120468	0.261407	-3.82546	0.0366616	0.615849	-1.62377	0.00124897	0.3901	-2.56345
cg00658016	PIK3CA	0.000711638	?	?	?	0.0289541	3.19153	3.19153	0.0485094	2.76153	2.76153	4.11E-05	0.0294634	-33.9405	0.113894	0.460629	-2.17094
cg19522332	PIK3CA	0.00322154	0.468313	1.03526	1.03526	0.0172348	0.872627	-1.14597	0.00167954	0.809864	-1.23478	0.203791	1.065	1.065	0.00642712	1.18109	1.18109
cg24523591	PIK3CA	0.00376161	0.0296863	0.542768	-1.84241	0.883871	1.03551	1.03551	0.213063	0.731181	-1.36765	0.434317	1.20982	1.20982	0.0510191	0.58822	-1.70004
cg02056280	PIK3CA	0.00604902	0.129343	0.780336	-1.2815	0.44411	0.888622	-1.12534	0.247936	0.832922	-1.20059	0.224109	0.824243	-1.21323	0.0280578	0.675233	-1.48097
cg13154908	PIK3CA	0.00720252	0.00672228	0.358319	-2.79081	0.0147238	0.416166	-2.40288	0.242662	0.699735	-1.42911	0.827273	0.93818	-1.06589	0.0383339	0.496153	-2.01551
cg01753796	PIK3CA	0.00757765	0.103243	1.41723	1.41723	0.434542	0.855551	-1.16884	0.000234847	0.303248	-3.29763	0.540908	0.885934	-1.12875	0.322475	1.22137	1.22137
cg09539481	PIK3CA	0.00768617	0.00828849	0.763912	-1.30905	0.138233	1.1358	1.1358	0.300037	1.08946	1.08946	0.000863547	0.670973	-1.49037	0.506299	0.947621	-1.05527
cg24272902	PIK3CA	0.0329966	0.895099	0.966428	-1.03474	0.202831	0.706089	-1.41625	0.211244	0.711101	-1.40627	0.067666	0.588678	-1.69872	0.0169355	0.470483	-2.12548
cg00037940	PIK3CB	9.11E-06	4.68E-05	0.511758	-1.95405	0.0218702	1.27124	1.27124	0.900814	0.989181	-1.01094	0.0164164	1.29154	1.29154	2.91E-05	0.488931	-2.04528
cg27500716	PIK3CB	0.00906761	0.0654662	1.41389	1.41389	0.0275506	0.646267	-1.54735	0.00272749	0.500008	-1.99997	0.510792	1.11822	1.11822	0.2848	0.83018	-1.20456
cg16194234	PIK3CB	0.0457186	0.863127	1.04907	1.04907	0.81852	0.938186	-1.06589	0.29622	0.740297	-1.35081	0.00378993	0.338128	-2.95746	0.514037	0.832165	-1.20168
cg13457410	PIK3CD	0.000849886	0.115784	0.629979	-1.58735	0.00313279	2.97966	2.97966	0.0802606	1.68961	1.68961	0.357049	0.774117	-1.29179	0.000179466	0.180037	-5.55442
cg18976437	PIK3CD	0.00205236	0.0551796	1.26129	1.26129	0.608023	0.946255	-1.0568	0.344033	0.90115	-1.10969	0.378345	1.10133	1.10133	0.00266108	0.641634	-1.55852
cg23098018	PIK3CD	0.00212774	0.000555526	0.326178	-3.06581	0.144745	1.38756	1.38756	0.000336357	0.298506	-3.35002	0.16025	0.730722	-1.36851	0.00614291	0.473497	-2.11195
cg04608004	PIK3CD	0.00746894	0.0902428	0.600299	-1.66584	0.000358863	4.78265	4.78265	0.0700827	1.73943	1.73943	0.411831	0.795034	-1.25781	0.82666	0.941813	-1.06178
cg14089636	PIK3CD	0.00873709	0.352473	0.759209	-1.31716	0.0970573	0.591941	-1.68936	0.285512	0.726602	-1.37627	0.319733	1.34452	1.34452	0.000200062	0.165693	-6.03527
cg09706586	PIK3CD	0.00948745	0.0679551	0.571812	-1.74883	0.130817	0.640138	-1.56216	0.00107542	0.267002	-3.74529	0.0271806	0.489276	-2.04383	0.000848611	0.253802	-3.94008
cg27554648	PIK3CD	0.0101751	0.00525751	0.315749	-3.16707	0.0576323	0.510456	-1.95903	0.061988	0.517749	-1.93144	0.0169801	0.40178	-2.48893	0.000806644	0.205255	-4.87198
cg09229246	PIK3CD	0.0178323	0.290951	0.587884	-1.70102	0.00236707	0.128072	-7.80808	0.0197633	0.255507	-3.91379	0.169303	0.491746	-2.03357	0.00559396	0.171418	-5.83371
cg20317738	PIK3CD	0.0221373	0.847615	0.971844	-1.02897	0.0346453	1.44145	1.44145	0.00189867	1.92184	1.92184	0.345554	0.8657	-1.15514	0.608655	0.926202	-1.07968
cg23799532	PIK3CD	0.0228415	0.925615	0.986673	-1.01351	0.00609986	0.59791	-1.67249	0.161871	0.806869	-1.23936	0.795069	0.963294	-1.0381	0.934968	1.01179	1.01179
cg11980800	PIK3CD	0.0265662	0.850708	0.935665	-1.06876	0.0216059	0.377731	-2.64739	0.0174376	2.77718	2.77718	0.605817	1.20168	1.20168	0.137568	0.568714	-1.75835
cg24859236	PIK3CD	0.027685	0.444949	0.812866	-1.23021	0.0792018	0.595406	-1.67953	0.949218	1.01709	1.01709	0.230396	1.39764	1.39764	0.0938331	0.612489	-1.63268
cg07805542	PIK3CD	0.0311651	0.00986237	0.144578	-6.91668	0.238229	0.480662	-2.08046	0.0500241	0.26574	-3.76308	0.036073	0.235581	-4.24483	0.117304	0.364648	-2.74237

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24092050	0.575873	1.13821	1.13821	0.0203325	1.8977	1.8977	0.343339	0.799637	-1.25057	0.153987	0.704986	-1.41847	3.93052	3.26595	0.738595	1
cg04258934	0.00914541	0.663068	-1.50814	0.00442522	1.60224	1.60224	9.27E-05	0.420733	-2.3768	0.146111	0.823954	-1.21366	35.0942	8.56103	0.21684	1
cg18730782	0.691127	0.932765	-1.07208	0.00358807	1.98842	1.98842	0.421961	1.15368	1.15368	0.210598	0.794609	-1.25848	34.2057	16.4545	0.427596	1
cg16332075	0.214508	0.761385	-1.3134	0.00376834	2.2606	2.2606	0.87399	1.03366	1.03366	0.0127333	0.524263	-1.90744	19.2764	13.2871	0.612705	1
cg00740721	0.608375	0.870725	-1.14847	0.343871	1.29845	1.29845	0.0574198	0.56234	-1.77828	0.55973	0.853871	-1.17114	3.86088	4.38703	1.01002	1
cg08186508	0.0752519	0.714246	-1.40008	0.0682255	1.41469	1.41469	0.331815	1.18543	1.18543	0.517037	0.894393	-1.11808	3.96844	1.81427	0.406377	1
cg02162421	0.0245712	0.609487	-1.64072	1.81E-06	0.110932	-9.01454	0.0361467	1.56918	1.56918	1.03E-05	0.174415	-5.73344	38.4164	20.8031	0.481348	1
cg25198894	0.216295	0.861195	-1.16118	0.00141349	0.588211	-1.70007	0.105142	1.22551	1.22551	0.226844	0.864397	-1.15688	6.63593	1.38624	0.185688	1
cg26008469	0.948693	0.991794	-1.00827	0.0168811	0.6885	-1.45243	0.535457	1.08367	1.08367	0.224746	0.849352	-1.17737	3.83447	0.99573	0.230825	1
cg13485874	0.0624552	0.658906	-1.51767	0.746159	1.06675	1.06675	0.0226022	0.580898	-1.72147	0.00369166	0.458093	-2.18296	39.16	24.5486	0.557227	1
cg05605029	0.0192377	0.527356	-1.89625	1.75E-05	0.137149	-7.29136	0.874978	1.03622	1.03622	0.000112875	0.215985	-4.62994	25.5255	20.6395	0.718741	1
cg19135352	4.32E-05	0.279003	-3.58419	6.51E-05	0.299521	-3.33867	0.705453	0.93948	-1.06442	0.000169233	0.349299	-2.86288	19.9948	8.55929	0.380512	1
cg22479481	0.157047	0.858666	-1.1646	0.32321	1.1082	1.1082	0.0319303	0.776383	-1.28802	0.185152	0.868069	-1.15198	12.1905	1.95722	0.142714	1
cg04592811	0.371358	0.794276	-1.25901	0.823748	1.05757	1.05757	0.416003	0.811714	-1.23196	0.000563782	0.26151	-3.82395	9.59498	9.56862	0.886447	1
cg26258274	0.000336668	0.196308	-5.09403	0.0330469	2.01778	2.01778	0.735845	1.10006	1.10006	0.849612	1.05492	1.05492	5.98147	7.51478	1.11675	1
cg04195226	0.0962306	0.320848	-3.11674	0.00300044	0.079426	-12.5903	0.00855017	0.123938	-8.06854	0.054145	0.256599	-3.89713	5.28576	32.4256	5.4529	1
cg21399795	0.30365	1.12784	1.12784	0.000549237	0.545518	-1.83312	0.633882	1.05568	1.05568	0.434408	1.09424	1.09424	5.07532	1.02497	0.179512	1
cg04780697	0.280592	0.855519	-1.16888	0.00526243	0.599305	-1.6686	0.112386	0.786246	-1.27187	0.285428	1.16692	1.16692	4.30144	1.31881	0.272532	1
cg05310071	0.00279723	0.323596	-3.09027	0.0152945	0.442412	-2.26034	0.682459	1.11924	1.11924	0.632964	1.14084	1.14084	4.18797	4.97478	1.05589	1
cg11330839	0.546477	1.13187	1.13187	0.000952094	0.368034	-2.71714	0.304472	0.805849	-1.24093	0.633146	1.10253	1.10253	4.08582	2.66606	0.580013	1
cg11328403	0.78967	1.03532	1.03532	0.653753	0.943072	-1.06036	0.048502	1.33991	1.33991	0.0153056	1.47183	1.47183	3.78898	1.0113	0.237249	1
cg00442174	0.060295	1.18211	1.18211	0.979863	0.998009	-1.00199	0.000244772	1.61381	1.61381	0.101381	0.867941	-1.15215	43.4662	4.29213	0.0877745	1
cg13987606	0.018342	0.169178	-5.91094	0.013425	0.149497	-6.68908	0.00702334	0.1149	-8.70321	0.135674	0.368507	-2.71365	4.3082	26.296	5.42552	1
cg15069926	0.398774	0.787239	-1.27026	0.357325	0.769403	-1.29971	0.706035	1.11063	1.11063	0.432058	0.800884	-1.24862	6.58346	7.99531	1.07952	1
cg23570958	0.0587179	0.739847	-1.35163	0.00149188	0.523982	-1.90846	0.736642	0.953486	-1.04878	0.711317	0.948895	-1.05386	3.72964	1.17626	0.280338	1
cg00049330	0.051804	1.26515	1.26515	0.00472877	0.67111	-1.49007	0.0361673	1.29552	1.29552	0.00065968	1.74093	1.74093	8.323	1.48877	0.159	1
cg18661731	0.144493	0.776243	-1.28826	0.0237485	1.54675	1.54675	0.321644	1.17993	1.17993	0.386526	0.866374	-1.15424	3.88213	1.60547	0.367604	1
cg14281165	0.824774	1.12449	1.12449	0.406316	1.56749	1.56749	0.926252	0.952197	-1.0502	0.445109	1.50961	1.50961	3.75675	16.6558	3.94096	1
cg02081018	0.763883	1.04648	1.04648	0.494215	0.900599	-1.11037	0.000178621	2.60471	2.60471	0.0396889	1.43148	1.43148	7.0674	2.54583	0.320197	1
cg04538470	?	?	?	?	?	?	0.942751	1.05418	1.05418	0.00710945	0.0466072	-21.4559	5.97769	36.4663	4.35743	1
cg00013655	0.267256	1.50857	1.50857	0.00171825	4.91246	4.91246	4.66E-05	15.3892	15.3892	0.00286449	4.30419	4.30419	16.2748	32.6218	1.78172	1
cg06486124	0.977127	0.991475	-1.0086	0.0202657	0.433511	-2.30675	0.610849	1.16561	1.16561	0.852312	1.05723	1.05723	9.90002	13.9818	1.25538	1
cg08745556	0.0813827	1.24488	1.24488	0.0608566	1.27072	1.27072	0.0327599	1.32741	1.32741	0.0504563	1.28761	1.28761	6.53062	1.32975	0.180994	1
cg24014020	0.332858	1.12407	1.12407	0.315036	0.885468	-1.12935	0.00170977	0.591968	-1.68928	0.385213	1.10986	1.10986	5.93219	1.28793	0.192986	1
cg17453671	0.000466837	0.393536	-2.54106	0.000216464	0.351295	-2.84661	0.00552056	0.538909	-1.8556	0.00776617	0.560215	-1.78503	29.5431	13.4429	0.404467	1
cg01965508	0.00738152	0.648421	-1.54221	0.00795363	1.53265	1.53265	0.000718719	0.524149	-1.90786	0.146608	0.822407	-1.21594	22.5087	5.61378	0.221694	1
cg12751565	0.309024	0.658148	-1.51942	0.000320487	0.0988801	-10.1133	0.870813	0.937377	-1.06681	0.00753268	0.255033	-3.92107	9.07809	22.6999	2.22268	1
cg20953047	0.547697	0.878097	-1.13883	0.100333	1.46913	1.46913	0.515129	1.15145	1.15145	0.642334	1.10511	1.10511	5.14973	3.72388	0.642775	1
cg00961792	0.185986	0.584094	-1.71205	0.488353	1.30988	1.30988	0.00071333	0.138593	-7.21537	0.250783	0.631194	-1.5843	4.16703	9.70382	2.06997	1
cg02105856	0.0215997	0.377234	-2.65087	0.000818175	0.168223	-5.94451	0.00208854	0.216463	-4.61973	0.138022	0.568727	-1.75831	8.7715	17.3476	1.75798	1
cg15097606	0.0105202	0.669075	-1.4946	0.0810177	0.785444	-1.27317	0.0523693	0.759247	-1.31709	0.906407	1.01479	1.01479	6.84808	1.69022	0.219392	1
cg21795637	0.00371108	0.409991	-2.43908	0.002491	0.384478	-2.60093	0.363491	1.23664	1.23664	0.113173	0.675641	-1.48008	6.02737	4.9378	0.728204	1
cg13355623	0.349322	0.858939	-1.16423	0.209127	1.23238	1.23238	0.708259	1.06112	1.06112	0.165891	1.26264	1.26264	5.61861	2.21657	0.350671	1
cg01471654	0.194099	0.61617	-1.62293	0.00109431	0.183131	-5.46058	0.0119854	0.33128	-3.01859	0.143096	0.574251	-1.7414	4.60522	9.06093	1.74892	1
cg04003920	0.00187999	0.441839	-2.26327	0.00521513	0.505084	-1.97987	0.973039	0.993757	-1.00628	0.08548	0.703087	-1.4223	22.3035	12.13	0.483432	1
cg12143125	0.289685	0.931026	-1.07408	0.000709183	0.71501	-1.39858	0.041275	1.16543	1.16543	0.131651	0.899575	-1.11164	17.1949	1.15169	0.0595364	1
cg06334857	0.0879403	2.48173	2.48173	0.00208236	0.081377	-12.2885	0.215029	0.543534	-1.83981	0.185685	1.93246	1.93246	11.5999	26.7284	1.64585	1
cg17782950	0.0370891	0.362427	-2.75917	0.00383611	0.195136	-5.12463	0.116339	0.488953	-2.04519	0.0036734	0.192679	-5.18997	6.02579	16.7775	2.47492	1
cg21723559	0.28243	0.618561	-1.61666	0.00718541	0.224834	-4.44772	0.070316	0.41893	-2.38704	0.0947845	0.454004	-2.20262	4.46881	13.0906	2.60384	1
cg00188822	0.0173939	1.16834	1.16834	0.0052637	0.820621	-1.21859	0.0659592	0.895087	-1.11721	0.142927	1.08828	1.08828	6.56769	0.300258	0.0406378	1
cg04015486	0.0214352	0.81016	-1.23432	0.00239792	0.724516	-1.38023	0.544786	1.0478	1.0478	0.0356301	0.830026	-1.20478	6.19122	0.569009	0.081694	1
cg25639848	0.478908	0.890605	-1.12283	0.031914	1.49877	1.49877	0.197303	0.803036	-1.24527	7.97E-05	0.317555	-3.14906	15.1809	6.22796	0.364666	1
cg17162808	0.125646	1.33874	1.33874	0.0253763	1.59645	1.59645	0.272218	1.22283	1.22283	0.263241	0.814404	-1.22789	8.9456	4.38971	0.436189	1
cg18346038	0.942937	1.01166	1.01166	0.0102266	0.591994	-1.68921	0.435297	0.879067	-1.13757	0.227746	1.22756	1.22756	6.51346	2.705	0.36915	1
cg20064704	0.0627207	1.78938	1.78938	0.0744694	0.575711	-1.73698	0.853249	1.05279	1.05279	0.00313752	0.325627	-3.071	5.20789	6.36738	1.08679	1
cg25162946	0.304	0.707748	-1.41293	0.433452	0.771409	-1.29633	0.0227014	0.412462	-2.42446	0.632472	0.855173	-1.16935	3.61632	6.03847	1.48425	1
cg00114008	0.69606	1.03743	1.03743	7.36E-05	0.509342	-1.96332	0.918986	0.990522	-1.00957	0.136974	0.860754	-1.16177	16.1502	2.24103	0.123344	1
cg07782886	0.000109843	2.39567	2.39567	0.00589498	0.629849	-1.58768	7.36E-05	2.52117	2.52117	0.402352	1.11624	1.11624	15.6737	4.08671	0.231766	1
cg21863499	0.00604891	2.86707	2.86707	0.0857613	0.572441	-1.74691	0.000103405	7.52033	7.52033	0.175124	1.52748	1.52748	10.9224	14.9284	1.21491	1
cg01791104	0.123424	1.52487	1.52487	0.213676	0.718169	-1.39243	0.0237797	1.97823	1.97823	0.784904	0.933168	-1.07162	7.45712	7.54946	0.899896	1
cg13391849	0.0859839	1.35008	1.35008	0.15377	0.785373	-1.27328	0.000935603	2.18421	2.18421	0.741827	1.05369	1.05369	7.20445	2.85582	0.352353	1
cg18028470	0.512505	0.726628	-1.37622	0.00266873	0.135773	-7.36524	0.291851	0.591081	-1.69182	0.0210878	0.263529	-3.79465	4.76742	17.4517	3.25388	1
cg17168636	0.0506445	0.486604	-2.05506	0.287833	0.699836	-1.42891	0.278928	1.43921	1.43921	0.392457	1.32757	1.32757	4.59572	7.6137	1.47262	1
cg18289893	0.361609	1.45735	1.45735	0.37318	0.692705	-1.44362	0.778824	1.11972	1.11972	0.266258	0.628001	-1.59236	4.23948	10.8297	2.27066	1
cg12806381	0.148014	0.872054	-1.14672	0.0590297	0.828552	-1.20693	0.927245	0.991975	-1.00809	0.538747	0.946575	-1.05644	3.8216	0.471038	0.109561	1
cg23283076	0.0133809	0.530357	-1.88552	0.294028	1.25273	1.25273	0.722163	0.928753	-1.07671	0.811466	0.951733	-1.05071	3.48728	2.36708	0.603356	1
cg10971346	6.02E-07	0.483706	-2.06737	0.0018572	0.791587	-1.26329	0.195541	0.930125	-1.07512	0.000177072	1.39978	1.39978	57.391	2.54504	0.0394184	1
cg19413841	0.0329584	0.591376	-1.69097	0.000804298	0.344646	-2.90153	0.476854	1.16456	1.16456	0.020157	0.554198	-1.80441	9.66477	6.78997	0.624488	1
cg02097479	0.00656929	0.177891	-5.62143	0.00332825	0.141592	-7.06253	0.00601143	0.172777	-5.78781	0.0304791	0.288296	-3.46866	6.38847	24.2054	3.36792	1
cg03705042	0.938117	1.02397	1.02397	0.00177985	0.257391	-3.88514	0.809023	0.928788	-1.07667	0.0142464	2.51527	2.51527	5.62915	8.29885	1.31046	1
cg27019019	0.386323	1.44376	1.44376	0.502136	1.32536	1.32536	0.345352	0.669037	-1.49468	0.0377141	0.369083	-2.70942	5.40904	14.6506	2.40759	1
cg20531872	0.08303	0.650254	-1.53786	0.00124269	0.347102	-2.881	0.0120148	0.495315	-2.01892	0.0107206	0.487173	-2.05266	6.03217	4.80444	0.707973	1
cg12484979	0.142999	0.839728	-1.19086	0.627758	0.947225	-1.05572	0.963516	1.00509	1.00509	0.00250783	1.59332	1.59332	4.00626	0.781252	0.17334	1
cg12732734	0.125254	0.584999	-1.7094	0.188036	0.637167	-1.56945	0.978475	1.00876	1.00876	0.0267884	0.4284	-2.33427	3.43124	5.67334	1.46972	1
cg05419984	0.275863	0.533632	-1.87395	0.00917403	0.159903	-6.25378	0.00635077	0.139674	-7.15952	0.0334689	0.252434	-3.96144	5.22338	25.3963	4.32181	1
cg13375984	0.00288246	1.69541	1.69541	0.0434779	0.741497	-1.34862	0.243179	0.854436	-1.17036	0.015015	0.680384	-1.46976	10.1682	2.67217	0.233597	1
cg03340036	0.187205	0.630615	-1.58575	0.00366963	0.273734	-3.65319	0.666697	0.866832	-1.15363	0.162414	0.611453	-1.63545	7.48034	12.8877	1.53144	1
cg02464357	0.15828	1.19708	1.19708	0.000585938	0.53061	-1.88462	0.176439	1.18696	1.18696	0.0705517	0.785815	-1.27256	5.78973	1.30434	0.200253	1
cg02576938	0.34327	1.13839	1.13839	0.738218	1.04553	1.04553	0.340258	0.877679	-1.13937	0.587295	0.929832	-1.07546	4.59587	1.2828	0.248107	1
cg05332489	0.456115	0.867546	-1.15268	0.0203173	0.592344	-1.68821	0.00715292	1.91585	1.91585	0.899718	0.976676	-1.02388	3.89816	2.16347	0.493332	1
cg22990726	0.0116952	0.615087	-1.62579	0.000429688	0.42336	-2.36205	0.216184	0.818094	-1.22235	0.154434	0.790452	-1.2651	13.6221	5.13425	0.335029	1
cg05938285	0.891548	1.02865	1.02865	6.69E-05	0.220388	-4.53745	0.699281	0.922781	-1.08368	0.892209	1.02847	1.02847	9.57021	6.49677	0.603426	1
cg05674437	0.021162	4.9626	4.9626	0.00166076	13.4724	13.4724	0.0160894	5.4868	5.4868	0.019079	5.15399	5.15399	8.32822	44.0595	4.70257	1
cg06851971	0.323218	0.80883	-1.23635	0.0176888	1.82198	1.82198	0.0035288	2.27618	2.27618	0.0690842	1.52647	1.52647	6.89453	4.72124	0.608694	1
cg19280206	0.0341529	2.73057	2.73057	0.00293177	5.26206	5.26206	0.00986307	3.76301	3.76301	0.0546266	2.4252	2.4252	5.25549	13.7447	2.32472	1
cg00936626	0.0209847	4.7617	4.7617	0.0108908	6.02785	6.02785	0.00816401	6.70273	6.70273	0.119354	2.58525	2.58525	4.06749	20.3448	4.44604	1
cg23243608	0.386212	1.3896	1.3896	0.0503269	2.28498	2.28498	0.0133411	3.11242	3.11242	0.298119	1.49106	1.49106	3.83801	8.33932	1.9314	1
cg03928961	0.055828	4.7069	4.7069	0.00901897	10.7351	10.7351	0.0368591	5.65995	5.65995	0.0298843	6.2144	6.2144	3.75119	30.3687	7.19623	1
cg26964117	6.94E-05	0.297565	-3.36061	1.44E-05	0.221923	-4.50606	0.000433674	0.395332	-2.52952	0.0522227	0.691917	-1.44526	27.9482	12.3141	0.39165	1
cg19230443	0.264256	0.801107	-1.24827	6.73E-05	0.248815	-4.01905	0.744514	1.0643	1.0643	0.212003	0.778375	-1.28473	11.6883	6.72321	0.511297	1
cg19216817	0.0195072	0.447296	-2.23566	0.00131886	0.264013	-3.7877	0.810603	1.07081	1.07081	0.883211	0.958975	-1.04278	5.24039	6.74041	1.14333	1
cg07580827	0.0356533	0.387147	-2.583	0.0602258	2.27629	2.27629	0.657532	0.841008	-1.18905	0.197428	0.589329	-1.69685	3.4141	8.14392	2.12034	1
cg07034173	0.790503	1.06445	1.06445	0.572087	1.14332	1.14332	0.839917	0.95366	-1.04859	0.547923	1.15332	1.15332	5.56855	4.85379	0.774794	1
cg24053610	0.405295	1.06421	1.06421	1.64E-06	0.414728	-2.41122	0.822131	1.01659	1.01659	0.0267746	1.2114	1.2114	24.0076	2.0311	0.075202	1
cg26422624	4.31E-05	0.249921	-4.00126	0.000780944	0.403778	-2.47661	0.018605	1.664	1.664	0.352421	1.18624	1.18624	20.1659	10.1739	0.448454	1
cg19065773	0.042592	0.774294	-1.2915	1.40E-05	2.69843	2.69843	0.0218542	1.35184	1.35184	0.258199	0.878738	-1.138	14.0479	2.67105	0.169012	1
cg06631766	0.31095	0.847345	-1.18016	0.000377233	2.45443	2.45443	0.0552141	1.40977	1.40977	0.381214	1.15248	1.15248	7.87575	3.11425	0.351487	1
cg27664530	0.0813513	2.79867	2.79867	0.000382043	20.5155	20.5155	0.00199639	10.2208	10.2208	0.509011	0.699879	-1.42882	7.1462	32.1143	3.99458	1
cg27479162	0.40956	1.38304	1.38304	0.00044986	0.11914	-8.39351	0.565284	1.25045	1.25045	0.0716792	0.461505	-2.16682	6.52069	15.2679	2.08129	1
cg27190138	0.203552	2.02837	2.02837	0.000829882	14.1854	14.1854	0.00536498	6.90503	6.90503	0.382857	0.62401	-1.60254	6.08652	26.7702	3.90959	1
cg07009563	0.00320064	0.430679	-2.32191	0.21317	1.31578	1.31578	0.727034	1.07612	1.07612	0.00137764	0.378582	-2.64144	28.0867	19.4927	0.616905	1
cg13927938	0.032334	2.90196	2.90196	0.0108425	3.89688	3.89688	0.00931608	4.06449	4.06449	0.0366434	2.80742	2.80742	5.57256	15.9509	2.54435	1
cg15903562	0.451992	1.17184	1.17184	0.737217	0.932681	-1.07218	0.792641	0.946937	-1.05604	0.00199082	0.405161	-2.46815	5.03837	3.41745	0.60292	1
cg17419461	0.0175045	2.36657	2.36657	0.0367128	2.06055	2.06055	0.290109	1.38689	1.38689	0.191542	1.50967	1.50967	3.73331	5.24691	1.24927	1
cg04885666	0.410533	0.839271	-1.19151	0.0217213	0.563454	-1.77477	0.0751813	1.51063	1.51063	0.980627	1.00507	1.00507	3.43681	2.35966	0.610296	1
cg14069622	0.000446154	0.60457	-1.65407	3.19E-05	0.479285	-2.08644	0.710922	1.03439	1.03439	0.000266179	0.580545	-1.72252	59.1849	7.7344	0.116162	1
cg17881542	0.0293537	0.571128	-1.75092	0.00508071	0.445584	-2.24425	0.192814	1.35097	1.35097	0.129084	0.699101	-1.43041	11.8986	8.97715	0.670642	1
cg01741038	0.0540323	0.569391	-1.75626	0.00732248	0.410486	-2.43614	0.898015	1.03357	1.03357	0.0620741	0.582176	-1.71769	10.2306	10.7459	0.933659	1
cg04878685	0.289336	0.620431	-1.61178	0.00835237	0.231594	-4.3179	0.0873315	0.440773	-2.26874	0.0290373	0.327332	-3.055	5.48691	16.369	2.65181	1
cg09363891	0.0277947	0.16662	-6.00168	0.0374708	0.189438	-5.27876	0.124425	0.317779	-3.14684	0.084378	0.26831	-3.72704	4.00403	30.1142	6.68531	1
cg12750800	0.129258	0.783609	-1.27615	0.331665	0.861576	-1.16066	0.930059	0.987026	-1.01314	0.0744278	0.744029	-1.34403	3.64866	1.27878	0.311537	1
cg11552079	0.13084	0.681625	-1.46708	0.287853	1.29596	1.29596	0.952004	1.01424	1.01424	0.0617281	0.609971	-1.63942	3.56639	3.11764	0.777042	1
cg27662412	0.351663	0.746079	-1.34034	0.00260583	0.279567	-3.57696	0.0309322	2.1691	2.1691	0.143025	1.61776	1.61776	7.66402	11.3364	1.31482	1
cg25671118	0.125545	0.605527	-1.65145	0.0231117	2.27482	2.27482	0.17886	1.54054	1.54054	0.149903	1.59536	1.59536	7.12632	10.3342	1.28901	1
cg12589839	0.842245	1.03577	1.03577	0.182285	1.28357	1.28357	0.828862	0.962542	-1.03892	0.143594	0.757943	-1.31936	5.1457	2.53472	0.437857	1
cg24362401	0.000191359	0.131501	-7.6045	0.528784	0.81383	-1.22876	0.563793	1.2073	1.2073	0.312295	1.40134	1.40134	11.2255	16.4699	1.46718	1
cg01792902	0.13047	0.721737	-1.38555	0.0533095	0.645121	-1.5501	0.156472	0.738859	-1.35344	0.384943	1.19465	1.19465	13.0272	8.22528	0.561237	1
cg00658016	0.685913	0.832575	-1.20109	?	?	?	0.268407	0.594801	-1.68124	0.0585158	2.6203	2.6203	13.6564	34.1694	2.85951	1
cg19522332	0.0259708	0.88329	-1.13213	0.0156086	0.870044	-1.14937	0.00970289	0.857589	-1.16606	0.951693	1.00285	1.00285	8.37869	0.292571	0.0310386	1
cg24523591	0.141527	0.685608	-1.45856	0.00342168	0.3869	-2.58465	0.00183018	2.87814	2.87814	0.00414531	0.399451	-2.50344	7.99904	7.222	0.80254	1
cg02056280	0.0202421	0.65459	-1.52767	0.000257084	0.402229	-2.48615	0.0304167	1.46971	1.46971	0.718453	0.946678	-1.05633	6.92175	2.51121	0.322489	1
cg13154908	0.308364	0.734998	-1.36055	0.00077179	0.226151	-4.42182	0.895292	0.962278	-1.0392	0.00216078	0.284398	-3.51619	6.5565	8.85495	1.2005	1
cg01753796	0.429241	0.853943	-1.17104	0.191882	0.763144	-1.31037	0.118364	1.39339	1.39339	0.0686203	0.671116	-1.49006	6.45315	3.91275	0.538962	1
cg09539481	0.103116	0.867403	-1.15287	0.643846	0.963537	-1.03784	0.0281336	1.22983	1.22983	0.801838	1.02027	1.02027	6.42443	0.647674	0.0896126	1
cg24272902	0.00300598	0.34883	-2.86672	0.265905	1.34998	1.34998	0.315718	1.30803	1.30803	0.277198	0.746365	-1.33983	3.9502	4.19207	0.943315	1
cg00037940	2.59E-06	0.37161	-2.69099	0.000378475	0.609272	-1.6413	0.00133208	1.50233	1.50233	0.000237565	0.587955	-1.70081	41.5651	5.01006	0.107142	1
cg27500716	0.00301998	1.97582	1.97582	0.863189	1.02931	1.02931	0.966447	1.00707	1.00707	0.852831	0.969371	-1.0316	6.09787	2.71	0.395038	1
cg16194234	0.431075	1.24996	1.24996	0.00941257	0.400961	-2.49401	0.840588	0.945621	-1.05751	0.0652125	0.562879	-1.77658	3.50465	4.27829	1.08511	1
cg13457410	0.0186917	0.462833	-2.16061	0.00849029	2.47954	2.47954	0.0224417	2.09422	2.09422	0.120286	0.63413	-1.57696	12.3203	14.256	1.02854	1
cg18976437	0.554629	0.938174	-1.0659	0.000624542	0.570159	-1.7539	0.0607287	1.2533	1.2533	0.00300233	1.54428	1.54428	9.56953	1.72826	0.160533	1
cg23098018	0.443011	1.1777	1.1777	0.250811	1.28521	1.28521	0.540199	0.878382	-1.13846	0.17963	0.742268	-1.34722	9.46929	6.55825	0.615628	1
cg04608004	0.0292911	0.495657	-2.01752	0.54781	1.18087	1.18087	0.73807	0.912343	-1.09608	0.283204	0.737286	-1.35633	6.48243	7.67095	1.05186	1
cg14089636	0.0156754	0.426207	-2.34628	0.182002	0.665073	-1.5036	0.0858488	0.578941	-1.72729	0.0826413	0.574977	-1.7392	6.17009	8.10064	1.16701	1
cg09706586	0.116382	0.627196	-1.5944	0.10368	0.61475	-1.62668	0.0354047	0.511846	-1.95371	0.116213	0.627037	-1.5948	6.01072	7.11627	1.05238	1
cg27554648	0.0585518	0.512031	-1.95301	0.00656502	0.330932	-3.02177	0.109523	0.578959	-1.72724	0.21543	0.664707	-1.50442	5.87788	9.13353	1.38123	1
cg09229246	0.0774942	0.386252	-2.58898	0.124018	0.446	-2.24215	0.0159753	0.23931	-4.17868	0.0200438	0.256613	-3.89693	4.89049	18.2002	3.30805	1
cg20317738	0.765193	0.956508	-1.04547	0.0226467	0.666888	-1.4995	0.928035	0.986679	-1.0135	0.503426	0.904109	-1.10606	4.54423	1.58615	0.310265	1
cg23799532	0.326986	1.15648	1.15648	0.00150657	0.518431	-1.9289	0.251609	0.841914	-1.18777	0.0799832	0.756465	-1.32194	4.49555	1.46965	0.290588	1
cg11980800	0.340756	0.707174	-1.41408	0.00580119	0.279335	-3.57994	0.122167	0.553638	-1.80623	0.708467	0.875849	-1.14175	4.26581	8.41492	1.75346	1
cg24859236	0.0328735	0.514766	-1.94263	0.00285025	0.335348	-2.98197	0.0139262	0.445628	-2.24403	0.613681	0.873329	-1.14504	4.2045	4.71415	0.996637	1
cg07805542	0.0620627	0.287713	-3.47569	0.0325771	0.226878	-4.40766	0.0276947	0.21364	-4.68076	0.00527144	0.112878	-8.85911	4.03179	22.4551	4.95069	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03653801	PIK3CD	0.0313397	0.0957451	0.383938	-2.60459	0.106689	0.397914	-2.5131	0.994598	1.00355	1.00355	0.140291	0.436039	-2.29337	0.0245426	0.246278	-4.06045	0.295387	0.566827	-1.76421	0.0016019	0.0936494	-10.6781	0.0533231	0.317139	-3.15319	0.0317268	0.267864	-3.73324	4.02375	17.4426	3.85326	1
cg15701170	PIK3CD	0.0361845	0.0656453	0.507576	-1.97015	0.156628	0.608152	-1.64433	0.339424	0.723832	-1.38154	0.286975	0.695642	-1.43752	0.0150153	0.374823	-2.66793	0.0715834	0.516646	-1.93556	0.00172372	0.230407	-4.34015	0.0490573	0.478297	-2.09075	0.213773	0.650707	-1.53679	3.82073	6.51974	1.51681	1
cg19267205	PIK3CD	0.038511	0.841645	0.960484	-1.04114	0.0228338	1.73152	1.73152	0.0510844	1.56487	1.56487	0.359341	1.2092	1.2092	0.0382035	0.616204	-1.62284	0.436744	0.852223	-1.1734	0.240038	1.28139	1.28139	0.0142829	1.83862	1.83862	0.217147	1.29916	1.29916	3.73483	2.40298	0.571909	1
cg17396852	PIK3CG	0.00864593	0.398465	1.11578	1.11578	0.000357291	0.483834	-2.06682	0.572284	0.930242	-1.07499	0.622582	0.939068	-1.06489	0.391681	1.11763	1.11763	0.203824	1.18525	1.18525	0.0390274	1.35355	1.35355	0.240092	1.16868	1.16868	0.0959913	1.2607	1.2607	6.19061	1.57447	0.226073	1
cg24744500	PIK3CG	0.0155679	0.220559	1.19455	1.19455	0.721822	0.951856	-1.05058	0.100876	1.28147	1.28147	0.217156	0.835922	-1.19628	0.961853	0.99342	-1.00662	0.107609	0.784768	-1.27426	0.0011653	1.93106	1.93106	0.0389559	0.719003	-1.39081	0.389495	0.885399	-1.12943	5.11732	1.54399	0.268195	1
cg19203203	PIK3CG	0.0206751	0.380678	0.883961	-1.13127	0.774892	1.04011	1.04011	0.0130054	0.655261	-1.52611	0.860553	1.02441	1.02441	0.393564	1.12736	1.12736	0.347355	1.14194	1.14194	0.00269202	1.76624	1.76624	0.0471031	0.732229	-1.36569	0.344196	0.874896	-1.14299	4.65171	1.38615	0.264878	1
cg22648375	PIK3CG	0.0305621	0.627016	1.11925	1.11925	0.379842	0.812811	-1.2303	0.0138409	0.496687	-2.01334	0.445427	0.836144	-1.19597	0.956285	1.01269	1.01269	0.0199533	0.524028	-1.90829	0.00999355	2.11341	2.11341	0.320402	0.789618	-1.26644	0.125712	0.68303	-1.46406	4.05995	3.40337	0.745138	1
cg00604356	PIK3CG	0.0309629	0.41461	0.697586	-1.43352	0.246707	0.592678	-1.68726	0.0144095	0.271874	-3.67818	0.235007	0.584194	-1.71176	0.00237375	0.160414	-6.23388	0.285853	0.619608	-1.61392	0.0353886	0.347168	-2.88045	0.822044	1.10217	1.10217	0.0177706	0.288035	-3.4718	4.04115	11.936	2.62543	1
cg07548257	PIK3IP1;PIK3IP1	0.00796976	0.00978418	0.414859	-2.41045	0.0048091	0.365056	-2.73931	0.0337594	0.512852	-1.94988	0.597044	0.866146	-1.15454	0.00109598	0.273365	-3.65811	0.38075	0.784928	-1.274	0.00566534	0.376188	-2.65825	0.0461425	0.5404	-1.85048	0.745403	1.09172	1.09172	6.35171	7.29833	1.02136	1
cg03536654	PIK3IP1;PIK3IP1	0.0254264	0.0172834	0.444923	-2.24758	0.0453842	1.89835	1.89835	0.0284902	2.05841	2.05841	0.0171426	0.444277	-2.25085	0.601769	1.15841	1.15841	0.0902846	1.68424	1.68424	0.756935	0.916949	-1.09057	0.964376	1.01255	1.01255	0.573279	0.85305	-1.17226	4.33166	5.35062	1.09799	1
cg12273325	PIK3IP1;PIK3IP1	0.0456383	0.359062	1.47154	1.47154	0.0134345	3.50386	3.50386	0.159929	1.84982	1.84982	0.902968	1.05123	1.05123	0.0671997	2.31705	2.31705	0.0226027	3.05996	3.05996	0.668793	1.19279	1.19279	0.00725255	4.13285	4.13285	0.470179	0.740106	-1.35116	3.50696	9.3203	2.36236	1
cg04445214	PIK3IP1;PIK3IP1	0.0464126	0.999027	1.00019	1.00019	0.369408	1.15574	1.15574	0.174308	1.25471	1.25471	0.0358734	1.46717	1.46717	0.0313114	1.48682	1.48682	0.816619	1.03715	1.03715	0.0536358	0.708859	-1.41072	0.116608	0.76513	-1.30697	0.0421145	1.44437	1.44437	3.48487	1.36073	0.347083	1
cg20988728	PIK3IP1;PIK3IP1;PIK3IP1;PIK3IP1	1.78E-05	0.86857	0.992037	-1.00803	0.942248	1.0035	1.0035	0.00100866	0.790137	-1.2656	1.48E-06	0.5548	-1.80245	0.00205354	0.810868	-1.23325	0.315622	0.951147	-1.05136	2.20E-05	0.662785	-1.50878	0.713074	1.01799	1.01799	0.000304688	1.32742	1.32742	34.9053	1.28824	0.032806	1
cg03863464	PIK3IP1;PIK3IP1;PIK3IP1;PIK3IP1	0.0024605	0.00352595	1.21076	1.21076	0.28957	1.05458	1.05458	0.00262105	1.22312	1.22312	0.487875	1.03466	1.03466	0.480784	0.965948	-1.03525	0.150318	1.07738	1.07738	0.0149831	0.86538	-1.15556	0.00144502	0.800463	-1.24928	0.137375	1.08042	1.08042	9.07446	0.33586	0.0328992	1
cg26878542	PIK3R1	0.000740063	0.000404025	0.296832	-3.36891	0.214825	0.754272	-1.32578	0.154418	0.719488	-1.38988	0.798963	0.946374	-1.05666	0.00194472	0.388073	-2.57683	0.00127143	0.362304	-2.76011	7.89E-05	0.214066	-4.67145	0.116254	0.691677	-1.44576	0.00158426	0.375541	-2.66282	12.8094	9.46229	0.65662	1
cg00067720	PIK3R1	0.0283609	0.0208053	0.176686	-5.65976	0.0533127	0.254724	-3.92581	0.223727	0.450985	-2.21737	0.0440737	0.236646	-4.22572	0.00996537	0.131673	-7.59454	0.0369386	0.221007	-4.52475	0.00571183	0.104583	-9.56178	0.0662154	0.277029	-3.60973	0.0318938	0.208768	-4.79	4.16892	25.6247	5.46365	1
cg25195415	PIK3R1;PIK3R1	0.0094038	0.175906	1.13971	1.13971	0.257649	0.898216	-1.11332	0.743827	1.03025	1.03025	0.145979	0.867763	-1.15239	0.0921132	1.18351	1.18351	0.0132515	1.32174	1.32174	0.645851	0.958825	-1.04294	0.0235033	0.782027	-1.27873	0.0014732	1.51748	1.51748	6.0277	0.788322	0.116252	1
cg01105385	PIK3R1;PIK3R1	0.0105758	0.000459479	0.508901	-1.96502	0.434553	1.10258	1.10258	0.290679	0.874325	-1.14374	0.39951	0.899753	-1.11142	0.10925	0.807434	-1.23849	0.00690486	0.651636	-1.5346	0.33711	1.12886	1.12886	0.65955	0.94715	-1.0558	0.379046	1.11687	1.11687	5.8055	1.37928	0.211183	1
cg20439288	PIK3R1;PIK3R1	0.0336654	0.00240348	0.0312591	-31.9907	0.220145	0.364884	-2.7406	0.417634	1.90578	1.90578	0.783518	1.23836	1.23836	0.363185	0.482759	-2.07143	0.801607	1.21584	1.21584	0.0704552	4.93575	4.93575	0.146259	3.39944	3.39944	0.185477	3.00253	3.00253	4.30427	40.1863	7.26164	1
cg25091228	PIK3R1;PIK3R1;PIK3R1	0.00637765	0.0775492	0.608434	-1.64356	0.146693	1.48362	1.48362	0.109157	1.55646	1.55646	0.510913	0.844615	-1.18397	0.476101	1.20142	1.20142	0.277879	1.33079	1.33079	0.0934022	0.626668	-1.59574	0.000203683	4.84061	4.84061	0.58356	0.869181	-1.15051	6.80938	6.91682	0.902914	1
cg20474370	PIK3R1;PIK3R1;PIK3R1	0.0327602	0.0508696	1.32061	1.32061	0.00787753	1.53144	1.53144	0.142911	1.21757	1.21757	0.46423	1.09761	1.09761	0.00582491	1.57059	1.57059	0.0166064	1.44156	1.44156	0.556088	0.928266	-1.07728	0.747862	1.04115	1.04115	0.170699	1.20008	1.20008	3.96041	0.980426	0.22005	1
cg12540903	PIK3R2	0.00145087	0.241251	0.77826	-1.28492	0.80322	1.05199	1.05199	0.257027	0.785341	-1.27333	0.48258	1.15625	1.15625	0.868608	1.03417	1.03417	0.44965	1.16974	1.16974	1.85E-05	0.135181	-7.39748	0.750102	0.937182	-1.06703	0.912292	1.02261	1.02261	12.7397	8.13402	0.496595	1
cg17663235	PIK3R2	0.00154875	0.341205	1.67088	1.67088	3.89E-05	0.0161707	-61.8403	0.144465	0.440212	-2.27163	0.0808727	0.363065	-2.75433	0.203679	2.01824	2.01824	0.71497	1.21164	1.21164	0.00369671	0.128302	-7.79413	0.825945	0.891121	-1.12218	0.475813	1.46158	1.46158	10.3835	45.0531	3.85682	1
cg09764440	PIK3R2	0.00205993	0.116008	0.840188	-1.19021	0.00438639	1.47373	1.47373	0.191595	1.15134	1.15134	0.879215	1.01562	1.01562	0.000311036	0.550874	-1.8153	0.0465817	1.26151	1.26151	0.00625664	0.695472	-1.43787	0.249776	1.13044	1.13044	0.575383	0.943945	-1.05938	9.55926	1.5731	0.146278	1
cg21651857	PIK3R2	0.00443581	0.61275	0.860535	-1.16207	0.0151987	0.415833	-2.40481	0.886747	0.958931	-1.04283	0.0227146	0.448198	-2.23116	0.000505315	0.201972	-4.95118	0.0131855	0.40483	-2.47017	0.00529422	0.339032	-2.94957	0.116117	1.65289	1.65289	0.0261564	0.460033	-2.17376	7.61081	10.4384	1.21913	1
cg10188048	PIK3R2	0.00488652	0.981866	1.00274	1.00274	0.501991	0.921108	-1.08565	0.61647	1.0628	1.0628	0.212128	1.17176	1.17176	0.423876	1.10352	1.10352	0.116174	1.22865	1.22865	0.720524	1.04428	1.04428	0.139472	0.825475	-1.21142	6.95E-05	2.40202	2.40202	7.39017	1.70243	0.204768	1
cg05238087	PIK3R2	0.0119854	0.670889	1.03032	1.03032	0.45265	1.05493	1.05493	0.0142303	1.23533	1.23533	0.361344	1.06778	1.06778	0.256476	0.920554	-1.0863	0.0835269	1.14325	1.14325	0.000469255	1.46847	1.46847	0.197396	0.909162	-1.09991	0.958373	0.996359	-1.00365	5.5757	0.431335	0.0687643	1
cg03723902	PIK3R2	0.0190709	0.805856	1.02431	1.02431	0.00112808	1.59613	1.59613	0.232947	1.12978	1.12978	0.465394	0.930086	-1.07517	0.348029	1.09885	1.09885	0.126274	1.17513	1.17513	0.0199436	0.760289	-1.31529	0.665017	0.958389	-1.04342	0.226598	1.13186	1.13186	4.78103	0.720691	0.133991	1
cg27648858	PIK3R2	0.0225364	0.214195	1.7295	1.7295	0.00118923	7.32099	7.32099	0.00293351	5.53795	5.53795	0.125615	2.0024	2.0024	0.909103	1.04901	1.04901	0.388235	1.44839	1.44839	0.127733	1.99344	1.99344	0.615097	1.23662	1.23662	0.479815	1.35108	1.35108	4.51641	12.5526	2.47051	1
cg11594160	PIK3R2	0.0299805	0.393437	1.20279	1.20279	0.448077	1.17739	1.17739	0.4063	0.835739	-1.19655	0.0061411	2.12795	2.12795	0.0610537	1.56186	1.56186	0.0427799	1.63646	1.63646	0.00363527	2.29581	2.29581	0.688646	1.0888	1.0888	0.849325	0.960625	-1.04099	4.08778	2.88826	0.628054	1
cg13179983	PIK3R2	0.0303154	?	?	?	0.705477	1.23924	1.23924	0.478623	1.5022	1.5022	?	?	?	0.0216734	0.210701	-4.74605	0.00857828	0.150458	-6.64637	?	?	?	0.258106	0.51343	-1.94768	0.140556	2.44878	2.44878	4.33593	14.6108	4.49294	1
cg14957748	PIK3R2	0.0313537	0.102427	0.654625	-1.52759	0.0166407	0.499978	-2.00009	0.230061	1.34788	1.34788	0.555629	1.15179	1.15179	0.347222	1.25792	1.25792	0.358349	0.79938	-1.25097	0.00657152	2.309	2.309	0.810388	0.94461	-1.05864	0.131016	0.679396	-1.4719	4.02311	3.58107	0.791222	1
cg21501705	PIK3R2	0.03207	0.351099	0.802896	-1.24549	0.00235903	2.63896	2.63896	0.727652	1.08326	1.08326	0.052483	1.65597	1.65597	0.901303	0.972018	-1.02879	0.0633774	0.620286	-1.61216	0.288542	1.28664	1.28664	0.234854	0.752142	-1.32954	0.681312	1.09906	1.09906	3.99075	3.3073	0.736658	1
cg11953794	PIK3R2	0.0421428	0.473643	1.18759	1.18759	0.121531	0.67301	-1.48586	0.0297665	0.546967	-1.82826	0.0161353	0.499366	-2.00254	0.53994	0.863829	-1.15764	0.105435	0.658829	-1.51785	0.393953	1.22874	1.22874	0.223968	1.35171	1.35171	0.0189522	0.511555	-1.95482	3.61277	3.18426	0.783458	1
cg10231021	PIK3R2	0.0481709	0.880332	1.0368	1.0368	0.404999	0.815141	-1.22678	0.24203	1.34145	1.34145	0.526279	0.857239	-1.16654	0.449926	0.83136	-1.20285	0.119637	1.49945	1.49945	0.00133565	3.06107	3.06107	0.521124	1.16884	1.16884	0.93137	1.02088	1.02088	3.43635	3.1321	0.810187	1
cg14944578	PIK3R2;PIK3R2	0.0163195	0.374564	1.67521	1.67521	0.127197	2.56357	2.56357	0.0455452	3.74748	3.74748	0.517793	1.44843	1.44843	0.0548995	0.285937	-3.49728	?	?	?	0.00198937	0.0738251	-13.5455	0.189551	2.20451	2.20451	0.631825	1.31326	1.31326	5.74122	25.1539	3.83363	1
cg11529437	PIK3R3;PIK3R3	0.00038064	7.70E-05	0.292644	-3.41712	0.0263838	0.636468	-1.57117	0.654982	0.925726	-1.08023	0.251882	0.814328	-1.22801	0.000931289	0.428274	-2.33495	0.00589861	0.53894	-1.8555	0.0081224	1.7887	1.7887	0.0613286	1.43584	1.43584	0.000840869	0.422397	-2.36744	15.4094	7.18583	0.414513	1
cg19857071	PIK3R3;PIK3R3	0.0151368	?	?	?	0.156732	1.83393	1.83393	0.00229564	0.181524	-5.50891	0.0167288	0.310563	-3.21996	0.0209797	0.328924	-3.04022	0.15767	0.546127	-1.83108	0.111788	0.499879	-2.00048	0.036463	0.37779	-2.64697	0.644897	0.830436	-1.20419	5.26311	11.8778	2.2568	1
cg18818048	PIK3R3;PIK3R3	0.0290982	0.0685894	0.643558	-1.55386	0.0843105	0.661747	-1.51115	0.795849	0.945486	-1.05766	0.00221268	0.395659	-2.52743	0.0206797	0.547497	-1.82649	0.0765435	0.653152	-1.53104	0.484243	0.857539	-1.16613	0.733962	1.07654	1.07654	0.246846	1.29928	1.29928	4.13129	3.05849	0.658065	1
cg06272678	PIK3R3;PIK3R3	0.0388592	0.111078	0.323791	-3.08841	0.137226	2.81636	2.81636	0.0641809	0.254809	-3.92451	0.0386316	0.203287	-4.91915	0.997052	1.00233	1.00233	?	?	?	0.0516305	0.23146	-4.32039	0.00562196	0.0786786	-12.7099	0.635629	0.739892	-1.35155	4.63786	24.6402	3.98462	1
cg21875080	PIK3R3;PIK3R3	0.0409305	0.557234	0.808676	-1.23659	0.505834	1.27316	1.27316	0.641084	1.18288	1.18288	0.00106453	0.177185	-5.64382	0.462608	1.30668	1.30668	0.436614	0.752845	-1.3283	0.80674	1.09164	1.09164	0.683932	1.15768	1.15768	0.163731	1.70174	1.70174	3.65203	7.40184	1.80158	1
cg06703079	PIK3R3;PIK3R3;PIK3R3	0.0126028	0.0321157	0.361849	-2.76359	0.0254209	2.93206	2.93206	0.00811184	3.94572	3.94572	0.021701	0.327596	-3.05254	0.320007	1.51607	1.51607	0.834794	1.08825	1.08825	0.0199474	0.320617	-3.11898	0.540629	0.778151	-1.2851	0.771187	0.888619	-1.12534	5.4854	14.2462	2.30855	1
cg01028869	PIK3R3;PIK3R3;PIK3R3	0.0431027	0.148808	0.742657	-1.34652	0.474164	0.869479	-1.15011	0.460013	1.15551	1.15551	0.0762626	1.46081	1.46081	0.727388	1.06956	1.06956	0.0390333	1.5825	1.5825	0.00551704	0.496146	-2.01553	0.517344	1.13443	1.13443	0.560388	1.11978	1.11978	3.58267	2.09489	0.519759	1
cg17533684	PIK3R3;PIK3R3;PIK3R3	0.0440321	0.655438	1.0596	1.0596	0.503698	0.916243	-1.09141	0.0200503	1.43574	1.43574	0.648799	0.942607	-1.06089	0.816344	0.970456	-1.03044	0.00308517	1.68554	1.68554	0.58261	0.930952	-1.07417	0.918859	0.986951	-1.01322	0.155522	0.822091	-1.21641	3.5543	0.935394	0.233931	1
cg05875433	PIK3R4	0.00441798	0.0837374	0.641387	-1.55912	0.0394869	1.73788	1.73788	0.000598485	3.41772	3.41772	0.92325	1.02261	1.02261	0.00941824	0.465912	-2.14633	0.0293138	0.551163	-1.81435	0.110101	0.667575	-1.49796	0.664126	1.1067	1.1067	0.774585	0.935542	-1.0689	7.62011	6.49851	0.758053	1
cg01571722	PIK3R4	0.00919497	0.0145486	4.33493	4.33493	0.0187763	4.00496	4.00496	0.536864	1.35627	1.35627	0.0709668	2.67264	2.67264	0.00174033	0.113516	-8.80936	0.186562	1.97849	1.97849	0.507067	0.720362	-1.38819	0.0553697	2.88149	2.88149	0.853625	0.91393	-1.09418	6.07091	22.8332	3.34319	1
cg12153222	PIK3R4	0.0268678	0.509774	0.748436	-1.33612	0.0388055	2.82014	2.82014	0.802205	0.896939	-1.1149	0.285873	0.61859	-1.61658	0.00270862	0.166085	-6.02101	0.623611	0.807073	-1.23905	0.104352	0.463299	-2.15843	0.148657	1.95676	1.95676	0.0645087	0.406587	-2.4595	4.24897	12.6373	2.64374	1
cg23398385	PIK3R4	0.0475272	0.12166	1.36108	1.36108	0.0442749	1.52885	1.52885	0.0163935	1.71423	1.71423	0.0543316	0.669542	-1.49356	0.748029	1.061	1.061	0.155319	0.756257	-1.3223	0.928458	0.983636	-1.01664	0.323035	1.20628	1.20628	0.0886376	1.41211	1.41211	3.45386	1.84646	0.475209	1
cg24522105	PIK3R4;PIK3R4	0.00081823	0.56239	1.09274	1.09274	0.186323	0.808853	-1.23632	0.773353	0.95722	-1.04469	7.39E-06	0.224259	-4.45913	0.634721	1.07516	1.07516	0.310214	0.853004	-1.17233	0.730435	1.05377	1.05377	0.0911454	0.754469	-1.32543	0.390504	0.875266	-1.14251	12.4528	4.52164	0.322756	1
cg25342409	PIK3R5	0.000805083	0.630084	1.10586	1.10586	0.00507854	0.463925	-2.15552	0.000101111	0.239623	-4.17321	0.377835	1.20638	1.20638	0.00422565	0.451943	-2.21267	0.00990344	1.96533	1.96533	0.0176173	0.549483	-1.81989	0.046209	1.60576	1.60576	0.944767	1.01447	1.01447	12.5098	8.51852	0.605289	1
cg18923721	PIK3R5	0.0078953	0.0621172	2.80065	2.80065	0.00166635	9.07202	9.07202	0.499135	1.39992	1.39992	0.773268	1.15217	1.15217	0.0848305	2.54594	2.54594	0.112446	2.33349	2.33349	0.00111843	10.5211	10.5211	0.00250866	7.83311	7.83311	0.204103	1.92935	1.92935	6.37049	24.2592	3.38494	1
cg03366884	PIK3R5	0.010243	0.219962	0.740326	-1.35076	0.0600591	1.63965	1.63965	0.000680296	0.2981	-3.35458	0.0949861	0.652	-1.53374	0.781244	1.06705	1.06705	0.519775	0.858893	-1.16429	0.641712	0.896517	-1.11543	0.0135658	0.490622	-2.03823	0.0247565	0.536269	-1.86474	5.86536	5.04808	0.765032	1
cg08269742	PIK3R5	0.0142274	0.0209964	3.07713	3.07713	0.0160766	3.2954	3.2954	0.447405	1.36814	1.36814	0.249053	1.62856	1.62856	0.0237121	2.98321	2.98321	0.0467166	2.51389	2.51389	0.00129708	6.66475	6.66475	0.0088954	3.8479	3.8479	0.0375226	2.65633	2.65633	5.27188	13.6818	2.30689	1
cg01565508	PIK3R5	0.021904	0.977221	1.00554	1.00554	0.0376005	0.627055	-1.59476	0.065472	0.670288	-1.4919	0.379636	0.83997	-1.19052	0.54847	1.12466	1.12466	0.601253	1.10741	1.10741	0.00336834	0.462235	-2.1634	0.0291039	1.64478	1.64478	0.0780098	0.684611	-1.46068	4.56078	2.70431	0.527066	1
cg04916523	PIK3R5	0.0299435	0.0717372	3.19283	3.19283	0.15739	2.39411	2.39411	0.258217	1.97621	1.97621	0.30685	1.84194	1.84194	0.0530536	3.55825	3.55825	0.0515446	3.59526	3.59526	0.00201182	12.3828	12.3828	0.0100684	6.5223	6.5223	0.0419351	3.8713	3.8713	4.08957	21.5935	4.69346	1
cg15818905	PIK3R5	0.0417843	0.178491	1.37145	1.37145	0.0967725	0.66842	-1.49607	0.015682	0.519714	-1.92414	0.0107032	2.03165	2.03165	0.831753	1.04814	1.04814	0.301722	0.78904	-1.26672	0.684491	0.913681	-1.09447	0.207293	1.34159	1.34159	0.871158	0.964768	-1.03652	3.62424	2.80276	0.687412	1
cg22284725	PIK3R5;PIK3R5	5.73E-05	7.55E-05	0.30949	-3.23112	0.00286287	0.51167	-1.95438	0.000296028	0.382013	-2.61771	0.546153	1.10489	1.10489	1.58E-05	0.233331	-4.28576	0.000122342	0.334566	-2.98894	0.000220816	0.366064	-2.73176	0.000908114	0.444739	-2.24851	0.000140149	0.341736	-2.92623	25.6805	10.8466	0.375439	1
cg24251850	PIK3R5;PIK3R5	0.00050156	0.0133432	0.649244	-1.54025	0.000154623	0.401141	-2.49289	0.110178	0.78244	-1.27805	0.514436	1.09764	1.09764	4.12E-05	0.332348	-3.0089	0.0241007	0.684514	-1.46089	0.0836643	1.30967	1.30967	0.0188832	0.669835	-1.49291	0.792296	1.03789	1.03789	14.2782	4.49043	0.279552	1
cg02505918	PIK3R5;PIK3R5	0.00222132	0.00124731	4.88948	4.88948	0.00193888	4.37469	4.37469	0.234317	1.52134	1.52134	0.36494	1.36795	1.36795	0.133888	0.580377	-1.72302	0.0452116	2.16682	2.16682	0.000621296	5.88366	5.88366	0.0022065	4.2377	4.2377	0.0765897	1.94046	1.94046	9.35086	16.7749	1.59461	1
cg12468377	PIK3R5;PIK3R5	0.00380525	0.309086	1.21794	1.21794	0.011897	1.80036	1.80036	0.014594	0.569295	-1.75656	0.675256	0.924116	-1.08212	0.162153	1.32253	1.32253	0.00984401	1.84237	1.84237	0.000472671	2.79705	2.79705	0.720897	1.0695	1.0695	0.0159801	1.73758	1.73758	7.97136	4.42897	0.493876	1
cg16672810	PIK3R5;PIK3R5	0.00429131	0.0481239	1.43824	1.43824	0.00441308	1.84305	1.84305	0.0343851	0.672312	-1.4874	0.250449	0.824304	-1.21314	0.0272618	0.656822	-1.52248	0.923484	1.01558	1.01558	0.00463343	1.83314	1.83314	0.0158897	0.621777	-1.60829	0.191408	1.24924	1.24924	7.68754	3.15165	0.364416	1
cg08003321	PIK3R5;PIK3R5	0.00854233	0.418188	1.19678	1.19678	0.738246	1.07554	1.07554	0.216736	0.754094	-1.3261	0.085117	1.51191	1.51191	0.0390616	0.595338	-1.67972	0.436786	1.18799	1.18799	0.00091852	2.93132	2.93132	0.0106009	0.497617	-2.00958	0.573669	1.13139	1.13139	6.21425	4.64062	0.663796	1
cg05388761	PIK3R5;PIK3R5	0.0180955	0.616818	0.900471	-1.11053	0.0439061	0.618011	-1.61809	0.000384022	0.307974	-3.24702	0.786588	0.945165	-1.05802	0.494899	1.15492	1.15492	0.50326	0.868343	-1.15162	0.718318	1.07818	1.07818	0.579928	0.890312	-1.1232	0.283702	1.26043	1.26043	4.86646	3.32857	0.607985	1
cg08697847	PIK3R6	1.78E-06	0.00876504	0.709863	-1.40872	0.000420636	0.563407	-1.77492	2.27E-07	0.202321	-4.94265	0.0214949	0.753153	-1.32775	7.06E-07	0.251579	-3.9749	0.0381456	0.7814	-1.27975	4.84E-06	0.342281	-2.92158	0.000530713	1.7398	1.7398	0.061692	0.805723	-1.24112	63.238	10.552	0.148322	1
cg06613765	PIK3R6	0.000154353	0.00050824	0.140708	-7.10693	0.467756	1.30577	1.30577	0.0659653	0.474796	-2.10617	0.00230898	0.214943	-4.65239	5.05E-06	0.0235079	-42.539	0.00495237	0.260888	-3.83307	0.000322088	0.122316	-8.17557	0.0712061	0.483033	-2.07025	0.00931322	0.303878	-3.2908	19.7043	40.6895	1.83556	1
cg21971206	PIK3R6	0.000825358	0.0243128	0.52328	-1.91102	0.0532024	0.588642	-1.69883	0.00179972	0.342591	-2.91893	0.000956504	0.305061	-3.27803	8.42E-05	0.181565	-5.50768	0.00508456	0.409246	-2.44352	0.00040835	0.258032	-3.87548	0.0425168	0.569198	-1.75686	0.00905757	0.449209	-2.22613	12.4225	11.452	0.81945	1
cg00804043	PIK3R6	0.00136452	0.880577	0.978122	-1.02237	0.126304	0.783981	-1.27554	1.81E-05	0.275945	-3.62391	0.17177	0.807306	-1.23869	0.606765	0.926453	-1.07939	0.825777	1.03297	1.03297	0.339736	1.15578	1.15578	0.066157	1.35427	1.35427	0.655601	0.936084	-1.06828	10.7686	3.69247	0.304794	1
cg16268473	PIK3R6	0.00139713	0.232501	1.30032	1.30032	0.916457	0.978232	-1.02225	0.00079537	0.345523	-2.89417	0.448991	0.850589	-1.17566	9.23E-05	0.231291	-4.32356	0.015261	0.535331	-1.868	0.517429	1.14758	1.14758	0.133133	1.40472	1.40472	0.057881	0.637802	-1.56788	10.6958	7.45234	0.619336	1
cg03830093	PIK3R6	0.0388601	0.480282	1.18463	1.18463	0.754046	1.07704	1.07704	0.717795	1.08948	1.08948	0.665884	1.10803	1.10803	0.00362006	0.394626	-2.53404	0.38098	1.23638	1.23638	0.0171386	1.98579	1.98579	0.144494	1.44792	1.44792	0.282539	1.30171	1.30171	3.72249	3.28732	0.784974	1
cg09209669	PIK3R6;PIK3R6	0.00351188	0.00787059	0.428002	-2.33644	0.0592493	0.588577	-1.69901	0.00167578	0.326846	-3.05954	0.00633306	0.412836	-2.42227	0.000993118	0.295976	-3.37865	0.0645377	0.596418	-1.67668	0.00141123	0.31653	-3.15926	0.0186619	0.491825	-2.03324	0.0156629	0.478375	-2.09041	8.16552	8.01117	0.872086	1
cg24092340	PIK3R6;PIK3R6	0.0298269	0.967628	0.987311	-1.01285	0.0102993	2.76572	2.76572	0.00387878	0.294075	-3.40049	0.301391	0.713958	-1.40064	0.751436	0.904844	-1.10516	0.508135	1.23522	1.23522	0.404578	1.30781	1.30781	0.101697	1.75733	1.75733	0.908515	0.964474	-1.03683	4.09524	6.42214	1.39395	1
cg11969526	PIKFYVE;PIKFYVE	0.000379975	0.00624299	0.425148	-2.35212	0.13085	0.676056	-1.47917	0.00264374	0.368501	-2.7137	0.00893818	0.450192	-2.22128	0.0108677	0.464207	-2.15421	0.000286147	0.241413	-4.14228	1.61E-05	0.118399	-8.44603	0.906445	1.02861	1.02861	0.0037827	0.391575	-2.55379	15.4168	14.061	0.810715	1
cg05268564	PIKFYVE;PIKFYVE	0.000923596	0.000844915	0.620318	-1.61208	0.0817147	1.2015	1.2015	0.603349	0.951346	-1.05114	0.363447	0.914965	-1.09294	0.29208	1.10961	1.10961	0.000459094	0.591646	-1.6902	0.316078	0.906081	-1.10365	0.0134329	1.3381	1.3381	0.00177668	1.52711	1.52711	12.0344	1.72559	0.127457	1
cg09615745	PIKFYVE;PIKFYVE	0.0112866	0.149697	0.719666	-1.38953	0.0287357	1.73228	1.73228	0.30857	1.25164	1.25164	0.00157144	0.380159	-2.63048	0.624698	0.900315	-1.11072	0.613225	1.11467	1.11467	0.0680026	0.647056	-1.54546	0.172661	1.36222	1.36222	0.0388038	1.66458	1.66458	5.68516	4.08449	0.63862	1
cg15399923	PIKFYVE;PIKFYVE	0.0323376	0.967304	0.988872	-1.01125	0.0071327	2.58244	2.58244	0.0169115	2.21551	2.21551	0.560728	1.17422	1.17422	0.847117	0.948667	-1.05411	0.797542	0.932224	-1.0727	0.0140337	0.436915	-2.28877	0.704655	1.10956	1.10956	0.500389	0.829654	-1.20532	3.9789	4.69707	1.04933	1
cg03448938	PIKFYVE;PIKFYVE	0.0353154	0.0217866	0.577263	-1.73231	0.0580658	1.5334	1.5334	0.3776	1.19802	1.19802	0.0435884	0.629374	-1.58888	0.92509	1.01894	1.01894	0.161647	0.742115	-1.3475	0.976809	0.994216	-1.00582	0.600413	1.11124	1.11124	0.0171644	1.78527	1.78527	3.85459	2.43115	0.560636	1
cg01046174	PIKFYVE;PIKFYVE	0.0365468	0.27426	1.29413	1.29413	0.694474	1.0936	1.0936	0.317422	1.26394	1.26394	0.000710609	3.21804	3.21804	0.268838	1.29824	1.29824	0.52327	1.15791	1.15791	0.178208	0.723092	-1.38295	0.911256	1.02559	1.02559	0.708952	1.0887	1.0887	3.80691	3.09714	0.723162	1
cg20784591	PILRA;PILRA;PILRA	0.000295898	0.000119604	0.392134	-2.55015	0.264576	1.17566	1.17566	0.00449647	0.590318	-1.694	0.000350947	0.449559	-2.2244	0.0142028	0.656376	-1.52352	0.248033	1.18302	1.18302	0.0677195	0.752153	-1.32952	0.000646946	2.07145	2.07145	0.13532	0.799288	-1.25111	16.5122	5.06529	0.272675	1
cg03066323	PILRA;PILRA;PILRA	0.00181727	0.270255	1.23713	1.23713	0.00398921	0.488018	-2.04911	0.000352018	0.344932	-2.89912	0.491142	0.878417	-1.13841	0.860718	1.03309	1.03309	0.0120023	0.559406	-1.78761	0.0227419	1.65763	1.65763	0.0272906	0.616199	-1.62285	0.00345565	0.479039	-2.08751	9.91428	5.39572	0.483766	1
cg13650156	PILRA;PILRA;PILRA	0.00612518	0.0141723	0.672907	-1.48609	0.106107	0.793736	-1.25987	0.00944286	0.650129	-1.53816	0.000301655	0.463415	-2.15789	0.0777105	0.773654	-1.29257	0.0121623	0.664292	-1.50536	0.314457	1.14586	1.14586	0.471483	0.90858	-1.10062	0.131916	0.808281	-1.23719	6.89504	1.87088	0.241188	1
cg00330857	PILRA;PILRA;PILRA	0.00921748	0.000668031	0.359946	-2.77819	0.368816	0.834318	-1.19858	0.030249	0.606552	-1.64866	0.323721	1.22143	1.22143	0.791041	0.949221	-1.0535	0.519082	0.879614	-1.13686	0.00956733	1.9039	1.9039	0.574886	1.11763	1.11763	0.71072	1.07585	1.07585	6.0662	3.70013	0.542185	1
cg23365392	PILRA;PILRA;PILRA	0.00995571	0.00201707	0.513668	-1.94678	0.00780052	0.593131	-1.68597	0.0137559	0.627646	-1.59325	0.00340738	0.544071	-1.838	0.0317717	0.680503	-1.4695	0.10273	0.76107	-1.31394	0.809029	1.03772	1.03772	0.132316	0.780057	-1.28196	0.0295917	0.675903	-1.4795	5.91901	2.19244	0.32925	1
cg18132262	PILRA;PILRA;PILRA;PILRA;PILRA;PILRA	0.00912209	0.0286774	0.496121	-2.01564	0.00259439	3.1064	3.1064	0.772018	0.924134	-1.08209	0.563539	0.853348	-1.17185	0.0082373	0.399394	-2.50379	0.445703	0.809681	-1.23505	0.282738	0.738503	-1.35409	0.0168119	2.20852	2.20852	0.596186	0.864818	-1.15631	6.08628	7.10953	1.03833	1
cg01392273	PILRB;PILRB;PILRB	0.00234845	0.667034	0.948623	-1.05416	0.112832	0.810326	-1.23407	0.470323	0.914388	-1.09363	0.0352305	1.34834	1.34834	9.30E-05	0.427549	-2.33891	0.0217124	1.39904	1.39904	0.0768873	1.27091	1.27091	0.513324	1.08414	1.08414	0.862789	0.979141	-1.0213	9.19957	2.16362	0.209055	1
cg23055674	PILRB;PILRB;PILRB	0.00381268	0.0206933	0.764565	-1.30793	0.00679284	0.713194	-1.40214	0.664689	1.04292	1.04292	0.168938	0.868286	-1.15169	0.0203176	1.30939	1.30939	0.0805041	1.20539	1.20539	0.0260498	1.28982	1.28982	0.488093	0.934375	-1.07023	0.00156164	0.645306	-1.54965	7.96668	1.17161	0.130723	1
ch.7.2116294F	PILRB;PILRB;PILRB	0.0348781	?	?	?	0.261638	0.631577	-1.58334	0.430707	0.732529	-1.36513	0.0129405	0.253645	-3.94252	?	?	?	0.00252151	0.131081	-7.62888	0.269525	0.637009	-1.56984	0.602357	0.817193	-1.2237	0.335543	0.679139	-1.47245	5.83586	9.6182	1.17723	1
cg14515078	PILRB;PMS2L1;PILRB	1.60E-05	5.61E-07	0.232921	-4.2933	0.42464	1.08957	1.08957	0.00560687	0.682068	-1.46613	0.362634	0.906248	-1.10345	0.000380014	0.550348	-1.81703	0.909882	1.01198	1.01198	6.13E-06	0.344692	-2.90114	0.0126606	0.721762	-1.3855	0.0748303	0.811586	-1.23216	35.877	6.28978	0.155836	1
cg07547730	PILRB;PMS2L1;PILRB	0.0183901	0.837109	0.920916	-1.08588	0.199852	1.71945	1.71945	0.902176	1.05044	1.05044	0.575863	1.25382	1.25382	0.0300824	0.360256	-2.7758	0.00140338	0.157025	-6.36841	0.969734	0.984931	-1.0153	0.0461541	2.49518	2.49518	0.219319	1.67692	1.67692	4.84007	12.2772	2.25473	1
cg20631224	PILRB;PMS2L1;PILRB	0.0195143	0.271604	0.861652	-1.16056	0.52267	1.08795	1.08795	0.0354858	1.3751	1.3751	0.392775	1.12065	1.12065	0.707612	0.95216	-1.05024	0.00197296	0.566159	-1.76629	0.0200181	0.694066	-1.44079	0.758362	0.960648	-1.04096	0.116924	0.801228	-1.24808	4.74398	1.2719	0.238319	1
cg21108767	PILRB;PMS2L1;PILRB	0.0378472	0.444119	0.870366	-1.14894	0.713113	0.936393	-1.06793	0.927847	0.984011	-1.01625	0.377905	0.851286	-1.17469	0.000664006	0.395553	-2.5281	0.269176	1.22727	1.22727	0.701421	0.93374	-1.07096	0.9287	0.984199	-1.01605	0.525976	1.12115	1.12115	3.75867	1.88532	0.44586	1
cg04373205	PIM1	0.00603265	0.0880426	0.831356	-1.20285	0.0929077	1.19887	1.19887	0.0125337	1.35622	1.35622	0.369208	0.91349	-1.0947	0.208184	0.877928	-1.13905	0.0215337	0.76272	-1.3111	0.00059289	0.594294	-1.68267	0.168042	0.865763	-1.15505	0.776573	0.972471	-1.02831	6.92754	1.05616	0.135519	1
cg19582256	PIM1	0.00901896	0.00405661	0.796096	-1.25613	0.0795664	1.12188	1.12188	0.784735	1.01631	1.01631	0.902667	1.00726	1.00726	0.000566642	0.729308	-1.37116	0.187924	0.920842	-1.08596	0.180332	0.919356	-1.08772	0.224043	0.92729	-1.07841	0.856499	1.01076	1.01076	6.10829	0.337907	0.0491728	1
cg25325512	PIM1	0.0147318	0.550118	0.906647	-1.10297	0.0134955	1.64159	1.64159	0.0405941	0.681639	-1.46705	0.222319	0.812301	-1.23107	0.727963	1.05823	1.05823	0.012405	1.65609	1.65609	0.0622948	1.40514	1.40514	0.961354	0.992177	-1.00788	0.016429	0.621721	-1.60844	5.21168	2.16857	0.369866	1
cg12274524	PIM2	0.00858042	0.0716211	0.409867	-2.43981	0.01881	0.283097	-3.53236	0.317196	0.632258	-1.58163	0.878965	1.0699	1.0699	0.00282706	0.161491	-6.19229	0.0634132	0.396319	-2.52322	0.000423878	0.084115	-11.8885	0.149876	0.504344	-1.98277	0.088741	0.434971	-2.299	6.20552	19.3217	2.76768	1
cg21267792	PIM2	0.0244094	0.0129174	0.195307	-5.12015	0.03113	0.262182	-3.81415	0.506272	0.699858	-1.42886	0.765738	0.853742	-1.17131	0.0676132	0.338402	-2.95507	0.178019	0.468888	-2.13271	0.00285352	0.113876	-8.78148	0.00787084	0.16458	-6.07606	0.116099	0.405051	-2.46883	4.39357	19.487	3.94254	1
cg04930858	PIM2	0.0407677	0.736256	0.895771	-1.11636	0.871361	0.948602	-1.05418	0.793329	0.918061	-1.08925	0.800922	1.08575	1.08575	0.0746181	0.523797	-1.90914	0.185316	1.57989	1.57989	0.0147704	2.65603	2.65603	0.0322368	0.441938	-2.26276	0.0295635	2.30291	2.30291	3.65741	6.14103	1.4925	1
cg22441543	PIM3	0.0115221	0.302299	0.836358	-1.19566	0.0532102	1.44384	1.44384	0.111449	1.33633	1.33633	0.882543	0.97558	-1.02503	0.753903	1.054	1.054	0.000932526	2.28473	2.28473	0.0310982	0.654984	-1.52676	0.555247	0.905034	-1.10493	0.0405401	1.48519	1.48519	5.64734	2.50124	0.393693	1
cg24733497	PIM3	0.0192691	0.26762	0.77886	-1.28393	0.164526	1.37844	1.37844	0.617076	1.11527	1.11527	0.598342	0.891324	-1.12193	0.596834	1.12247	1.12247	0.0266477	1.76564	1.76564	0.0365462	0.591048	-1.69191	0.206992	0.749752	-1.33377	0.00228296	2.51738	2.51738	4.76434	3.53423	0.659387	1
cg18090384	PIM3	0.0202553	0.206233	0.659686	-1.51587	0.960431	0.984639	-1.0156	0.0174423	0.405364	-2.46692	0.423515	1.29052	1.29052	0.936171	0.97532	-1.02531	0.00339098	3.46559	3.46559	0.784111	1.08946	1.08946	0.0415391	0.480332	-2.08189	0.0956898	1.77006	1.77006	4.68432	7.22225	1.37048	1
cg24394020	PIM3	0.0343923	0.052579	0.682413	-1.46539	0.0951504	0.727646	-1.37429	0.226668	1.2462	1.2462	0.423198	0.867764	-1.15239	0.432976	0.870453	-1.14883	0.0275524	0.636451	-1.57121	0.0623426	1.43874	1.43874	0.0481847	1.47922	1.47922	0.160034	1.29729	1.29729	3.8917	1.85301	0.423239	1
cg02615157	PIN1	0.00424664	0.00863062	0.657678	-1.5205	0.0566149	0.76336	-1.31	0.000655762	1.92209	1.92209	0.152076	0.825312	-1.21166	0.320355	0.879424	-1.13711	0.0896862	1.26378	1.26378	0.292878	0.872368	-1.14631	0.981375	1.00293	1.00293	0.0153896	0.689268	-1.45081	7.71191	1.91251	0.220439	1
cg17163138	PIN1	0.0338325	0.393408	0.855093	-1.16946	0.14778	0.757244	-1.32058	0.404208	0.858272	-1.16513	0.815436	1.04276	1.04276	0.00164241	0.446098	-2.24166	0.0686812	0.694279	-1.44034	0.0630063	1.45426	1.45426	0.820836	1.04145	1.04145	0.830332	0.962305	-1.03917	3.9148	1.98801	0.451394	1
cg10462174	PIN4	0.0261681	0.626203	0.902529	-1.108	0.00557907	0.467428	-2.13937	0.0141638	0.531311	-1.88214	0.0585699	0.639906	-1.56273	0.00882061	0.498254	-2.00701	0.0214117	0.56128	-1.78164	0.393266	0.83301	-1.20047	0.649674	1.10025	1.10025	0.144612	0.720815	-1.38732	4.2884	2.96465	0.614505	1
cg13934764	PIN4;PIN4;PIN4	0.0163458	0.0439698	0.3402	-2.93945	0.778728	0.877038	-1.1402	0.966392	0.980567	-1.01982	0.155769	2.02869	2.02869	0.362869	0.646882	-1.54588	0.0425297	0.336939	-2.9679	0.000630315	0.0865385	-11.5555	0.977772	0.987107	-1.01306	0.0648906	0.380755	-2.62636	5.03503	17.3006	3.05426	1
cg22009709	PIN4;PIN4;PIN4	0.0188168	0.375688	0.580805	-1.72175	0.0108743	0.147939	-6.75955	0.0398239	0.241665	-4.13795	0.215027	0.458413	-2.18144	0.0306919	0.219343	-4.55907	0.0222466	0.19444	-5.14296	0.00359432	0.0947744	-10.5514	0.00701077	0.124474	-8.0338	0.0426503	0.247897	-4.03393	4.80276	27.1675	5.02812	1
cg15662246	PIN4;PIN4;PIN4;PIN4;PIN4	0.0246168	0.278681	0.703454	-1.42156	0.00114855	0.22483	-4.4478	0.0817498	1.82649	1.82649	0.436357	0.780376	-1.28143	0.0410553	0.478925	-2.08801	0.784381	1.08943	1.08943	0.406644	1.30356	1.30356	0.904114	0.963064	-1.03835	0.613335	1.17249	1.17249	4.38069	6.7663	1.37296	1
cg06612452	PINK1	6.04E-05	0.852157	0.968752	-1.03226	0.514056	1.11919	1.11919	0.337137	1.1834	1.1834	0.10176	0.737257	-1.35638	0.0197051	1.61496	1.61496	6.59E-07	0.099466	-10.0537	0.033719	0.655739	-1.525	0.0686602	0.706962	-1.4145	0.233407	0.80848	-1.23689	25.319	11.6112	0.40764	1
cg20694964	PINK1	0.000220524	0.00398233	1.6536	1.6536	0.929617	1.01154	1.01154	0.0221517	0.700222	-1.42812	0.374335	1.12577	1.12577	7.22E-06	0.276143	-3.62131	0.600742	1.07101	1.07101	0.00456982	1.63331	1.63331	0.459306	1.10284	1.10284	0.941223	0.990465	-1.00963	17.8904	4.78263	0.237626	1
cg17508639	PINK1	0.0015625	0.344014	1.48545	1.48545	0.00420645	0.210931	-4.74089	0.0450206	0.39305	-2.5442	0.0334699	0.36471	-2.74191	3.64E-05	0.0396117	-25.245	0.317829	0.657584	-1.52072	0.0163496	0.303729	-3.29241	0.024894	0.33832	-2.95578	0.0543358	0.412133	-2.4264	10.357	27.0348	2.32025	1
cg10827226	PINK1	0.00714679	0.0694285	1.48953	1.48953	0.0056089	2.04101	2.04101	0.868392	0.967988	-1.03307	0.0472486	1.56111	1.56111	0.00426816	0.472324	-2.11719	0.0155488	1.78988	1.78988	0.0254013	1.68415	1.68415	0.129358	1.37919	1.37919	0.0724265	1.48185	1.48185	6.57242	4.00662	0.541876	1
cg23993660	PINK1	0.0301987	0.488541	1.08918	1.08918	0.00977601	1.48679	1.48679	0.00914253	1.49474	1.49474	0.228755	1.16573	1.16573	0.34521	1.12527	1.12527	0.0414805	1.33033	1.33033	0.0824662	0.791742	-1.26304	0.043125	1.32644	1.32644	0.160539	1.1996	1.1996	4.07726	0.951757	0.207494	1
cg16337566	PINX1	3.67E-05	4.81E-06	0.174677	-5.72485	0.273508	0.826802	-1.20948	7.42E-05	0.300721	-3.32534	2.08E-05	0.23859	-4.1913	0.0527895	0.692529	-1.44398	0.0143583	0.604268	-1.65489	5.01E-05	0.280983	-3.55893	0.761703	0.950506	-1.05207	0.000569826	0.41039	-2.43671	28.8796	12.7408	0.392149	1
cg22651416	PINX1	0.000487476	6.13E-05	0.214445	-4.6632	0.733143	0.931228	-1.07385	0.198089	0.753368	-1.32737	0.199162	1.32638	1.32638	5.40E-05	0.208657	-4.79254	0.343593	1.22523	1.22523	0.143682	1.38694	1.38694	0.706729	0.924322	-1.08187	0.843706	1.04195	1.04195	14.3914	9.87964	0.610219	1
cg10806217	PINX1	0.00174633	0.644555	0.943825	-1.05952	0.163382	1.20338	1.20338	7.55E-05	0.409097	-2.44441	0.733834	1.04339	1.04339	0.148331	0.824514	-1.21284	0.00915339	1.50975	1.50975	0.0205344	1.41525	1.41525	0.477026	0.913948	-1.09415	0.446604	1.10136	1.10136	10.0294	2.46019	0.218042	1
cg01580655	PINX1	0.0132511	0.0560402	0.69481	-1.43924	0.487133	1.12612	1.12612	0.0034404	0.512486	-1.95127	0.59727	1.09385	1.09385	0.00259326	0.49548	-2.01825	0.218775	1.2431	1.2431	0.123028	1.32459	1.32459	0.394467	0.863519	-1.15805	0.810208	0.96033	-1.04131	5.39629	2.41913	0.398485	1
cg10328831	PINX1	0.0134299	0.0487541	1.70093	1.70093	0.00775274	0.446178	-2.24126	0.677032	0.905874	-1.10391	0.350683	1.25445	1.25445	0.0296644	0.546555	-1.82964	0.00763273	2.24674	2.24674	0.334949	1.26449	1.26449	0.866555	1.04049	1.04049	0.0822876	0.634912	-1.57502	5.37267	4.7393	0.7841	1
cg12033043	PINX1	0.0145983	0.0834647	0.622354	-1.6068	0.854324	1.04654	1.04654	0.273601	1.32579	1.32579	0.000551649	0.265138	-3.77163	0.639361	1.12392	1.12392	0.0132554	0.467768	-2.13781	0.300517	0.766784	-1.30415	0.914082	0.97364	-1.02707	0.738882	1.08633	1.08633	5.22735	5.07238	0.862537	1
cg05613265	PINX1	0.0364126	0.786808	0.955746	-1.0463	0.445144	0.878132	-1.13878	0.0510514	0.690028	-1.44922	0.0151508	1.64575	1.64575	0.252858	1.22068	1.22068	0.918369	1.01726	1.01726	0.028006	1.5425	1.5425	0.154183	0.77516	-1.29006	0.0734019	0.716548	-1.39558	3.81201	1.68308	0.392463	1
cg11108432	PINX1	0.0400659	0.814493	0.950591	-1.05198	0.111333	0.688037	-1.45341	0.521269	1.15045	1.15045	0.00238105	2.49201	2.49201	0.70017	0.919965	-1.087	0.54103	0.875112	-1.14271	0.158139	0.722317	-1.38443	0.235048	1.30776	1.30776	0.120109	1.43836	1.43836	3.6809	2.70949	0.654305	1
cg11821591	PINX1	0.041442	0.022013	0.615648	-1.6243	0.315256	1.20127	1.20127	0.031043	1.56368	1.56368	0.03434	0.646661	-1.5464	0.947778	1.01163	1.01163	0.0551287	0.681137	-1.46813	0.30677	0.829569	-1.20545	0.557298	1.1105	1.1105	0.350795	1.18482	1.18482	3.63529	1.79551	0.439032	1
cg14288326	PION	0.00110856	0.000762627	0.407626	-2.45323	0.0959595	0.724909	-1.37948	0.00626653	0.534351	-1.87143	0.0107529	0.568977	-1.75754	0.000163319	0.322528	-3.10051	0.0112827	0.572113	-1.74791	0.00756437	0.546305	-1.83048	0.0486286	1.48633	1.48633	0.0222854	0.617569	-1.61925	11.427	5.60322	0.435865	1
cg26205859	PION	0.00288732	0.0221351	0.636083	-1.57212	0.000974231	2.24606	2.24606	0.182751	0.792018	-1.2626	0.0884823	0.733494	-1.36334	0.734774	0.945465	-1.05768	0.356349	1.16936	1.16936	0.00293711	1.96145	1.96145	0.00500408	1.84506	1.84506	0.855441	0.970373	-1.03053	8.65589	3.7285	0.382886	1
cg14067425	PION	0.00944764	0.314329	0.837991	-1.19333	0.00249953	0.489934	-2.04109	0.520166	0.89518	-1.11709	0.0116762	1.70796	1.70796	0.0408103	1.49343	1.49343	0.284479	1.20787	1.20787	0.0238119	1.58121	1.58121	0.871099	0.972793	-1.02797	0.125658	0.754644	-1.32513	6.01878	2.75039	0.406195	1
cg26594488	PION	0.0168448	0.136179	0.711468	-1.40554	0.057262	0.633812	-1.57775	0.0044292	0.447016	-2.23706	0.321554	1.24249	1.24249	0.0102001	1.98725	1.98725	0.837633	0.95743	-1.04446	0.11597	1.43651	1.43651	0.274244	0.785686	-1.27277	0.248533	0.774348	-1.29141	4.98474	3.54858	0.63279	1
cg09856284	PION	0.0183362	0.00224273	0.33349	-2.99859	0.201337	1.41385	1.41385	0.147392	1.49032	1.49032	0.0387155	0.540963	-1.84856	0.00941471	0.429645	-2.3275	0.3304	0.772775	-1.29404	0.843595	0.950566	-1.052	0.798572	0.936476	-1.06783	0.633459	1.13122	1.13122	4.84485	5.05428	0.927312	1
cg07265444	PION	0.0286499	0.0429092	0.32664	-3.06147	0.254705	0.564911	-1.77019	0.00609872	0.179225	-5.57959	0.0796072	0.392869	-2.54538	0.00820781	0.197108	-5.07335	0.249393	0.560967	-1.78264	0.0107958	0.214864	-4.6541	0.156148	0.482615	-2.07204	0.0231256	0.271401	-3.68458	4.15403	15.1712	3.24637	1
cg11323483	PIP	0.000149612	0.000284553	0.16042	-6.23363	0.0798349	0.548756	-1.8223	0.000643105	0.198498	-5.03783	8.10E-05	0.111334	-8.98202	0.000539655	0.189883	-5.26641	0.0019819	0.259544	-3.85291	0.000124108	0.126731	-7.89073	0.435972	0.782419	-1.27809	7.58E-05	0.109034	-9.17142	19.8708	29.9957	1.34181	1
cg14141514	PIP	0.00131335	0.00447856	0.210137	-4.75881	0.00120761	0.142111	-7.03676	0.00413849	0.205476	-4.86675	0.0525951	0.403727	-2.47692	0.00294501	0.186263	-5.36876	0.00939988	0.257883	-3.87772	0.00015826	0.0700131	-14.283	0.0017618	0.159773	-6.2589	0.0181781	0.307158	-3.25565	10.8872	29.2116	2.385	1
cg18547284	PIP	0.013309	0.0110247	0.147191	-6.79388	0.012668	0.155362	-6.43656	0.0812377	0.313029	-3.19459	0.0373236	0.23406	-4.27241	0.00898249	0.135818	-7.36279	0.0537569	0.268206	-3.72848	0.00176415	0.068778	-14.5395	0.100568	0.339302	-2.94723	0.0182201	0.178641	-5.59782	5.3886	30.8151	5.08317	1
cg25449283	PIP	0.0144721	0.016797	0.112154	-8.91631	0.0183955	0.117116	-8.53853	0.0330326	0.154278	-6.48181	0.121942	0.284511	-3.5148	0.0218768	0.127139	-7.86538	0.0433658	0.175155	-5.70922	0.00287354	0.0462113	-21.6397	0.0049033	0.0611055	-16.3651	0.0340187	0.156412	-6.39336	5.24235	46.6755	7.91426	1
cg05667197	PIP	0.0273056	0.0273877	0.118329	-8.45101	0.162362	0.295254	-3.38691	0.159826	0.292783	-3.4155	0.0887203	0.215328	-4.64407	0.0235146	0.109429	-9.13831	0.0717636	0.193186	-5.17636	0.00407206	0.0427092	-23.4142	0.00545188	0.0503012	-19.8802	0.0792907	0.203281	-4.91929	4.22494	44.7536	9.41575	1
cg26628847	PIP	0.0372544	0.0191438	0.158632	-6.30388	0.0183609	0.155931	-6.41311	0.116252	0.330043	-3.02991	0.0918868	0.299658	-3.33714	0.0395449	0.213068	-4.69335	0.0503486	0.234869	-4.25769	0.00931161	0.117375	-8.51967	0.0299728	0.190475	-5.25005	0.0529895	0.239762	-4.17081	3.78041	25.2524	5.93761	1
cg15079124	PIP	0.041153	0.00839039	0.0715367	-13.9788	0.446642	0.54467	-1.83598	0.0582845	0.187108	-5.34451	0.0504514	0.174421	-5.73327	0.0309587	0.137498	-7.27281	0.141953	0.290334	-3.44431	0.0107754	0.0813333	-12.2951	0.177324	0.325288	-3.0742	0.0254261	0.124858	-8.00911	3.64471	35.4143	8.63701	1
cg02179239	PIP4K2A	0.00014081	0.000917468	0.690269	-1.44871	0.613165	0.962571	-1.03888	0.00536306	0.760037	-1.31573	0.000115133	0.602843	-1.65881	0.687489	1.03072	1.03072	0.00979787	0.78321	-1.2768	1.16E-05	0.498934	-2.00427	0.314907	0.925184	-1.08087	0.0141006	1.25448	1.25448	20.198	1.79118	0.0788276	1
cg26368842	PIP4K2A	0.00113872	0.727203	1.09684	1.09684	0.00111956	3.5483	3.5483	0.0298454	0.509365	-1.96323	0.00556921	2.61436	2.61436	0.000231904	0.199396	-5.01515	0.309679	1.31977	1.31977	0.339374	0.771134	-1.29679	0.0729715	1.69525	1.69525	0.539973	1.17792	1.17792	11.34	12.5101	0.980605	1
cg08589981	PIP4K2A	0.00510397	0.0238562	0.636975	-1.56992	0.000904366	0.435823	-2.29451	0.011019	0.586583	-1.70479	0.0264057	1.55328	1.55328	0.117989	1.32836	1.32836	0.14978	0.772358	-1.29474	0.109702	1.33869	1.33869	0.541771	0.901842	-1.10884	0.691744	1.06893	1.06893	7.29261	3.23182	0.393924	1
cg07831277	PIP4K2A	0.00688138	0.0945498	1.87073	1.87073	0.0440521	2.20027	2.20027	0.208127	0.636149	-1.57196	0.0128735	2.86509	2.86509	0.00153119	0.211331	-4.73192	0.929441	0.970266	-1.03065	0.139457	0.581556	-1.71952	0.0219263	2.55246	2.55246	0.754636	1.11277	1.11277	6.65044	12.2355	1.63537	1
cg11965880	PIP4K2A	0.0138183	?	?	?	0.204683	0.437613	-2.28512	0.131046	2.73672	2.73672	0.00722389	8.50464	8.50464	?	?	?	0.331792	1.85575	1.85575	0.944882	0.958204	-1.04362	0.405737	1.69089	1.69089	0.00408708	0.0926078	-10.7982	5.55336	26.0843	5.36804	1
cg25073089	PIP4K2A	0.0165521	0.0471332	2.51575	2.51575	0.0273715	2.88634	2.88634	0.0740107	2.24479	2.24479	0.266776	1.59979	1.59979	0.0112747	3.62925	3.62925	0.576145	1.2578	1.2578	0.0011642	6.93474	6.93474	0.0183642	3.19641	3.19641	0.0337292	2.73749	2.73749	5.014	13.0968	2.32182	1
cg14215711	PIP4K2A	0.0319371	0.0552059	0.300201	-3.3311	0.0360257	0.259215	-3.85781	0.00562537	0.133708	-7.47897	0.666293	0.786479	-1.27149	0.0159747	0.195313	-5.12	0.810278	0.875337	-1.14242	0.167389	0.442749	-2.25862	0.101637	2.69695	2.69695	0.372304	0.602248	-1.66045	3.99669	19.4	4.31469	1
cg17767185	PIP4K2A	0.0335264	0.771555	0.925202	-1.08084	0.184599	1.45613	1.45613	0.0342616	0.517066	-1.93399	0.452572	1.22673	1.22673	0.00697167	0.393747	-2.5397	0.827234	1.06011	1.06011	0.00847203	0.40758	-2.45351	0.697191	1.11007	1.11007	0.399305	0.794197	-1.25913	3.92764	4.43591	1.00392	1
cg20760360	PIP4K2B	0.00170998	0.0130929	0.311889	-3.20627	0.000635548	0.270721	-3.69384	0.00147578	0.170904	-3.13476	0.0079762	0.42875	-2.33236	9.27E-06	0.0920654	-10.8618	0.000720716	0.277665	-3.60147	0.166048	0.692254	-1.44456	0.865944	0.958798	-1.04297	0.000388393	0.244419	-4.09134	19.167	18.8247	0.873015	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20303331	PIP4K2B	0.00109287	0.481705	1.12188	1.12188	0.0087987	1.71002	1.71002	0.684182	1.06798	1.06798	0.0228582	1.5495	1.5495	0.19891	0.803873	-1.24398	0.739158	0.947679	-1.05521	0.000373707	2.49717	2.49717	6.87E-05	3.22354	3.22354	0.0710055	1.38316	1.38316	11.4735	4.69969	0.364101	1
cg03371752	PIP4K2B	0.00728424	0.0174323	0.540595	-1.84982	0.195346	1.33782	1.33782	0.0116248	0.511554	-1.95483	0.385839	0.827852	-1.20795	0.00553126	0.460802	-2.17013	0.00207061	0.39787	-2.51338	0.717658	0.925736	-1.08022	0.590512	1.12236	1.12236	0.00738518	0.480201	-2.08246	6.53342	4.67285	0.635754	1
cg07443529	PIP4K2B	0.0119958	0.181247	0.717469	-1.39379	0.247065	1.32728	1.32728	0.819445	1.05494	1.05494	0.311063	1.27785	1.27785	0.396495	0.816184	-1.22521	0.04714	0.58778	-1.70132	0.000554254	0.28545	-3.50324	0.245639	1.32852	1.32852	0.0377028	0.569004	-1.75746	5.57413	4.83105	0.770393	1
cg12804176	PIP4K2B	0.0221129	0.300955	0.859252	-1.1638	0.133377	0.795209	-1.25753	0.0018461	0.53486	-1.86965	0.0381297	1.40517	1.40517	0.150181	0.803878	-1.24397	0.39354	0.883647	-1.13167	0.111821	1.27773	1.27773	0.969826	1.00537	1.00537	0.196575	0.824278	-1.21318	4.54595	1.44222	0.282004	1
cg10511881	PIP4K2B	0.0292803	0.54206	0.903948	-1.10626	0.828834	0.965194	-1.03606	0.149068	0.776339	-1.2881	0.602021	1.0899	1.0899	0.00863806	0.578204	-1.72949	0.798222	0.95895	-1.04281	0.00127707	0.463646	-2.15682	0.710406	1.06293	1.06293	0.929911	1.0145	1.0145	4.12217	1.7478	0.376888	1
cg20183802	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	5.94E-05	0.327415	1.17104	1.17104	2.18E-06	6.12801	6.12801	0.867668	0.974292	-1.02639	0.000110555	2.89342	2.89342	0.486109	0.89536	-1.11687	0.0627601	1.38681	1.38681	0.00203945	0.507094	-1.97202	0.0273093	1.5036	1.5036	0.774174	0.956066	-1.04595	25.4304	9.82382	0.343379	1
cg05694847	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	0.00217541	6.83E-05	0.516322	-1.93678	0.127681	1.16123	1.16123	0.304257	1.10138	1.10138	0.975832	1.00275	1.00275	0.166375	1.14331	1.14331	0.124602	1.16288	1.16288	0.014111	0.759624	-1.31644	0.851949	1.0171	1.0171	0.30929	1.1002	1.1002	9.40817	1.22731	0.115957	1
cg21217812	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	0.030716	0.377485	1.34906	1.34906	0.729447	0.891549	-1.12164	0.183191	0.626917	-1.59511	0.183122	0.626865	-1.59524	0.00413376	0.280439	-3.56584	0.163491	1.63508	1.63508	0.153367	0.603219	-1.65777	0.839112	0.934995	-1.06952	0.00746173	0.32013	-3.12373	4.0527	7.01653	1.53895	1
cg16790682	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	0.0352977	0.192937	0.824997	-1.21213	0.60705	0.930132	-1.07512	0.878697	1.02155	1.02155	0.745208	1.04658	1.04658	0.22461	1.19494	1.19494	0.0364732	0.712183	-1.40413	0.00179472	0.537835	-1.85931	0.0775435	0.760383	-1.31513	0.758475	1.044	1.044	3.85529	1.19026	0.274431	1
cg17125897	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.00107401	0.0629091	1.25169	1.25169	0.000511265	0.558683	-1.78992	0.388522	1.09946	1.09946	0.516434	0.931847	-1.07314	0.00010986	0.481647	-2.07621	0.134526	0.841036	-1.18901	0.33506	0.898831	-1.11256	0.0217452	1.34385	1.34385	0.1647	0.852962	-1.17239	11.5304	2.10219	0.162059	1
cg18948941	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.00436809	0.00177783	1.86288	1.86288	0.0091292	0.629332	-1.58899	0.0478322	0.728782	-1.37215	0.616474	0.931824	-1.07316	0.21265	1.20147	1.20147	0.28215	1.16916	1.16916	0.00260152	1.79199	1.79199	0.394167	1.1298	1.1298	0.1826	0.820551	-1.21869	7.64638	2.36788	0.275265	1
cg15690542	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.00696014	0.0178369	0.535326	-1.86802	0.00769932	0.475686	-2.10223	0.0106319	0.498078	-2.00772	0.52814	0.870503	-1.14876	0.0475053	0.611484	-1.63537	0.479959	0.855724	-1.1686	0.000868358	0.338152	-2.95725	0.00219494	0.393839	-2.53911	0.101169	0.677405	-1.47622	6.6269	4.94148	0.662817	1
cg24720336	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.00883341	0.421724	0.680102	-1.47037	0.592052	1.28928	1.28928	0.975253	1.01468	1.01468	0.136475	2.12456	2.12456	0.0660812	0.379674	-2.63384	0.437153	1.45109	1.45109	0.000332089	0.0658231	-15.1922	0.173684	0.506669	-1.97367	0.0177189	0.258025	-3.87559	6.14869	21.4858	3.10611	1
cg13357249	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.00896787	0.0986983	0.440421	-2.27055	0.787259	0.884698	-1.13033	0.10573	2.22628	2.22628	0.354393	0.649528	-1.53958	0.000545439	0.0877564	-11.3952	0.0894241	0.428207	-2.33532	0.0245139	0.297183	-3.36493	0.0872409	2.35178	2.35178	0.126145	0.472621	-2.11586	6.11931	19.8793	2.88765	1
cg08922811	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.0160259	0.604539	0.886688	-1.12779	0.0321856	1.78163	1.78163	0.0100394	2.11283	2.11283	0.564466	0.874509	-1.1435	0.0304299	0.55678	-1.79604	0.839097	0.954278	-1.04791	0.00848029	0.461388	-2.16737	0.315832	1.26964	1.26964	0.145974	0.698166	-1.43232	5.06827	4.25334	0.745964	1
cg13750902	PIP5K1B	1.15E-05	5.96E-07	0.0958622	-10.4316	0.000167504	0.335117	-2.98404	2.45E-05	0.23857	-4.19164	0.238727	1.23435	1.23435	0.000326037	0.37118	-2.69411	0.197926	1.26136	1.26136	0.273407	0.82326	-1.21468	0.31396	0.837202	-1.19446	7.50E-05	0.293317	-3.40928	39.1133	18.0352	0.409867	1
cg14371123	PIP5K1B	0.00087026	0.00600681	0.358178	-2.79191	0.056998	1.85136	1.85136	0.000629365	4.49455	4.49455	0.219958	1.44608	1.44608	0.00560773	2.82924	2.82924	0.385519	1.28971	1.28971	0.00340907	0.320416	-3.12094	0.001899	3.51991	3.51991	0.249174	0.70861	-1.41121	12.2383	15.8522	1.15137	1
cg13634133	PIP5K1B	0.000914869	0.499984	1.13314	1.13314	0.0998824	1.38979	1.38979	0.683495	1.0777	1.0777	0.680469	0.927193	-1.07852	0.0982962	1.39236	1.39236	0.772566	1.05433	1.05433	1.46E-05	5.18319	5.18319	0.00129169	2.35368	2.35368	0.891734	1.02517	1.02517	12.0667	6.36867	0.469145	1
cg13442709	PIP5K1B	0.00378146	0.00491779	0.253172	-3.94988	0.00304381	0.22386	-4.46707	0.000621008	0.143491	-6.96906	0.00571302	0.262865	-3.80424	0.53692	0.794121	-1.25925	0.00881328	0.292428	-3.41965	0.01794	0.346318	-2.88752	0.00915135	0.295107	-3.38861	0.627463	0.835017	-1.19758	7.9864	17.1928	1.91357	1
cg14181713	PIP5K1B	0.0159117	0.158733	0.473606	-2.11146	0.255582	1.80189	1.80189	0.0734085	0.371438	-2.69224	0.00117355	0.0941623	-10.62	0.155959	0.470915	-2.12353	0.042486	0.313787	-3.18688	0.00483001	0.156508	-6.38945	0.302986	0.588988	-1.69783	0.416592	0.662389	-1.50969	5.08033	19.8048	3.46518	1
cg13867370	PIP5K1B	0.0423223	0.644989	0.823173	-1.21481	0.0506298	0.3929	-2.54517	0.00488258	0.209121	-4.78192	0.0110924	0.262961	-3.80285	0.0912935	0.458396	-2.18152	0.189701	0.558424	-1.79075	0.0191928	0.304701	-3.28191	0.192237	0.560497	-1.78413	0.260382	0.611166	-1.63622	3.60708	10.0502	2.47666	1
cg13544184	PIP5K1B;FAM122A	0.00506111	0.00875509	1.27893	1.27893	0.00790974	0.778052	-1.28526	0.0205962	0.814269	-1.2281	0.0417416	0.841199	-1.18878	0.0834372	1.15162	1.15162	0.0947153	0.873446	-1.14489	0.2073	0.906674	-1.10293	0.0115157	1.26218	1.26218	0.315796	1.07941	1.07941	7.31142	0.628543	0.0764154	1
cg21185421	PIP5K1B;FAM122A	0.00632085	0.607592	1.05404	1.05404	0.0250585	0.762746	-1.31105	0.00401793	1.48101	1.48101	0.0656061	1.23362	1.23362	0.504465	0.933492	-1.07125	0.0691525	0.81333	-1.22951	0.0062468	0.696202	-1.43637	0.0292625	1.29818	1.29818	0.233105	0.8807	-1.13546	6.82828	1.11653	0.145348	1
cg14385122	PIP5K1B;PIP5K1B	0.0292808	0.314317	0.803262	-1.24492	0.101222	1.45913	1.45913	0.171212	0.735855	-1.35896	0.439773	0.847143	-1.18044	0.488875	0.86241	-1.15954	0.831398	0.956105	-1.04591	0.00176177	0.391371	-2.55512	0.168567	1.36189	1.36189	0.136596	1.40163	1.40163	4.12215	2.89373	0.623996	1
cg27169873	PIP5K1C	0.000141086	0.0706651	1.55229	1.55229	0.0131624	1.97543	1.97543	0.0137911	1.96167	1.96167	4.65E-06	0.074647	-13.3964	0.260455	1.28755	1.28755	0.00279646	0.394906	-2.53225	0.0254534	0.557682	-1.79314	0.47627	1.16807	1.16807	0.75021	0.933917	-1.07076	26.1403	18.5502	0.551943	1
cg12298375	PIP5K1C	0.000466245	0.134756	1.13762	1.13762	0.96105	1.00391	1.00391	0.0246692	0.807414	-1.23852	0.381332	0.930718	-1.07444	0.30375	1.08891	1.08891	0.0372848	1.21324	1.21324	1.10E-05	2.11423	2.11423	0.0203113	0.799552	-1.2507	0.0956442	1.15762	1.15762	14.57	1.47547	0.0900155	1
cg23654206	PIP5K1C	0.0010659	0.489916	1.27285	1.27285	0.0167536	0.366283	-2.73013	0.0490078	0.461567	-2.16653	0.381505	1.36173	1.36173	0.821608	0.925254	-1.08078	0.0347805	2.33132	2.33132	0.000565175	0.159132	-6.28408	0.00076455	5.77609	5.77609	0.00482596	0.276337	-3.61878	11.5553	21.6559	1.66588	1
cg25247177	PIP5K1C	0.00368786	0.445094	0.512646	-1.95067	0.00702316	19.9184	19.9184	0.411879	2.05481	2.05481	0.889969	1.12616	1.12616	0.079496	0.18811	-5.31604	0.191777	0.305403	-3.27436	0.000222937	0.00511958	-195.329	0.015802	0.079018	-12.6553	0.773038	0.780196	-1.28173	8.04673	93.8941	10.3721	1
cg08861270	PIP5K1C	0.00384607	0.419637	1.34649	1.34649	0.447699	1.32205	1.32205	0.613844	1.2015	1.2015	0.943274	1.02601	1.02601	0.264075	1.52196	1.52196	5.79E-05	0.0679166	-14.7239	0.938097	0.972366	-1.02842	0.491204	0.777037	-1.28694	0.168648	1.69758	1.69758	7.94583	16.381	1.83252	1
cg16248034	PIP5K1C	0.0049409	0.000950754	0.191434	-5.22374	0.204052	0.637703	-1.56813	0.725623	1.12554	1.12554	0.231995	1.52306	1.52306	0.000318753	0.141414	-7.07142	0.352807	0.725498	-1.37836	0.950859	1.0209	1.0209	0.325682	0.711337	-1.4058	0.0784807	0.518929	-1.92705	7.36527	13.1404	1.58587	1
cg08064573	PIP5K1C	0.00523594	0.049539	0.793875	-1.25964	0.00309109	1.51751	1.51751	0.720643	1.03768	1.03768	0.357157	0.907056	-1.10247	0.0499206	1.25903	1.25903	0.364153	0.908407	-1.10083	0.000853846	0.596834	-1.67551	0.260052	0.886017	-1.12865	0.410233	1.09062	1.09062	7.23588	1.21605	0.149386	1
cg04743302	PIP5K1C	0.00533441	0.130011	0.679386	-1.47192	0.406828	1.22209	1.22209	0.133002	0.681734	-1.46685	0.152501	0.696124	-1.43653	8.46E-05	0.188203	-5.3134	0.308848	1.28267	1.28267	0.504348	1.17368	1.17368	0.946422	0.98424	-1.01601	0.634491	0.892969	-1.11986	7.19471	6.36603	0.786508	1
cg01059747	PIP5K1C	0.00606784	0.000599104	0.306575	-3.26184	0.0314568	1.75656	1.75656	0.303804	1.26844	1.26844	0.535387	0.869237	-1.15043	0.00270525	0.396472	-2.52224	0.832999	1.04827	1.04827	0.379991	0.817854	-1.22271	0.235378	0.75755	-1.32004	0.125883	0.690896	-1.4474	6.91511	5.45953	0.701785	1
cg08397339	PIP5K1C	0.00791372	0.447208	1.3551	1.3551	0.127952	1.907	1.907	0.128744	0.525197	-1.90405	0.000255278	0.0941571	-10.6205	0.304956	1.51695	1.51695	0.419661	1.38186	1.38186	0.602974	0.813967	-1.22855	0.0367384	0.386039	-2.59041	0.71117	1.15707	1.15707	6.36583	15.5126	2.16609	1
cg12148647	PIP5K1C	0.0107164	0.168878	1.86439	1.86439	0.00121249	7.48669	7.48669	0.0500831	2.58403	2.58403	0.834716	0.915039	-1.09285	0.266081	1.63632	1.63632	0.230879	1.70589	1.70589	0.00342866	5.41669	5.41669	0.003363	5.44805	5.44805	0.440691	1.39673	1.39673	5.78092	16.5335	2.54224	1
cg16583193	PIP5K1C	0.0112062	0.24436	1.13699	1.13699	0.0876443	1.21986	1.21986	0.983346	1.0022	1.0022	0.0561976	1.25602	1.25602	0.228029	1.14268	1.14268	0.166192	1.16839	1.16839	0.000171418	1.96039	1.96039	0.0415545	1.28109	1.28109	0.508971	1.07318	1.07318	5.69829	1.00279	0.156428	1
cg13561409	PIP5K1C	0.0121932	0.231964	0.800154	-1.24976	0.949387	1.01135	1.01135	0.161807	0.766681	-1.30432	0.0167878	0.595104	-1.68038	0.387969	0.854393	-1.17042	0.0969052	0.723204	-1.38274	0.000999687	2.38461	2.38461	0.209862	1.26494	1.26494	0.447644	0.871414	-1.14756	5.54468	2.7775	0.445273	1
cg05916588	PIP5K1C	0.013538	0.787351	1.04459	1.04459	0.866612	0.973241	-1.02749	0.0368975	1.47858	1.47858	0.023697	0.6468	-1.54607	0.00788453	0.576979	-1.73316	0.00228602	0.502515	-1.98999	0.459789	0.88565	-1.12911	0.234086	0.817696	-1.22295	0.562477	1.09909	1.09909	5.35858	2.20939	0.366496	1
cg13995193	PIP5K1C	0.0189217	0.841204	1.1241	1.1241	0.00213977	12.3687	12.3687	0.00140327	14.8471	14.8471	0.506447	0.674956	-1.48158	0.93332	1.05001	1.05001	0.894105	0.925274	-1.08076	0.435429	1.5905	1.5905	0.310396	1.8443	1.8443	0.953273	0.966404	-1.03476	4.79374	25.8199	4.78771	1
cg11243391	PIP5K1C	0.025983	0.702345	1.07864	1.07864	0.0268867	1.67662	1.67662	0.879037	1.03048	1.03048	0.225216	0.777932	-1.28546	0.0288247	0.601578	-1.6623	0.646969	1.09517	1.09517	0.00231387	2.31424	2.31424	0.76997	1.05951	1.05951	0.960676	0.990327	-1.00977	4.29906	2.64639	0.547177	1
cg17845617	PIP5K1C	0.0331685	0.382571	0.511429	-1.95531	0.280799	2.31513	2.31513	0.740452	0.779631	-1.28266	0.400335	0.524834	-1.90536	0.0189064	0.11897	-8.40547	0.049417	0.186534	-5.36097	0.00317674	0.0489285	-20.438	0.026298	0.138999	-7.1943	0.208576	0.370572	-2.69853	3.94283	35.0165	7.89428	1
cg10591771	PIP5K1C	0.0342284	0.339359	1.71659	1.71659	0.253522	1.92382	1.92382	0.86663	1.09661	1.09661	0.803141	0.871926	-1.14689	0.889398	1.07934	1.07934	0.493849	1.46411	1.46411	0.00446381	0.124823	-8.01137	0.00695093	6.79504	6.79504	0.386161	1.62816	1.62816	3.89841	18.5886	4.23845	1
cg11452653	PIP5K1C	0.0444972	0.708794	0.888347	-1.12569	0.0029883	3.61555	3.61555	0.00718582	2.98938	2.98938	0.906842	0.963731	-1.03763	0.851593	1.06088	1.06088	0.939861	1.0241	1.0241	0.651468	0.866318	-1.15431	0.862857	0.946901	-1.05608	0.278436	1.4271	1.4271	3.54038	5.58393	1.40197	1
cg23480820	PIP5K1C	0.0498317	0.358584	1.28574	1.28574	0.00990161	2.38106	2.38106	0.00862441	2.43919	2.43919	0.704103	1.10692	1.10692	0.252903	1.37427	1.37427	0.0716505	1.70827	1.70827	0.0149152	2.21899	2.21899	0.934088	1.02227	1.02227	0.166143	1.48159	1.48159	3.39248	3.80827	0.997835	1
cg19113603	PIP5KL1	0.0133841	0.746249	0.969098	-1.03189	0.0174977	0.756091	-1.32259	0.25077	1.12301	1.12301	0.04358	0.799053	-1.25148	0.0380685	1.26169	1.26169	0.0228099	0.76844	-1.30134	0.161772	0.865507	-1.15539	0.00412026	0.689369	-1.4506	0.108625	0.844352	-1.18434	5.37869	0.796185	0.131579	1
cg13721989	PIP5KL1;PIP5KL1	0.00194197	0.275448	0.839046	-1.19183	0.000211884	2.60549	2.60549	0.382069	0.870527	-1.14873	0.0361756	1.45762	1.45762	0.400499	0.875369	-1.14238	0.000608024	2.2641	2.2641	0.480382	0.894979	-1.11734	0.0390883	1.4468	1.4468	0.0459109	1.42461	1.42461	9.72491	3.68477	0.3368	1
cg14062643	PIP5KL1;PIP5KL1	0.0126206	0.00934085	0.10369	-9.64411	0.0242606	0.157823	-6.33619	0.0410074	0.197677	-5.05876	0.0447453	0.205179	-4.87379	0.0254181	0.161028	-6.21009	0.462094	0.59772	-1.67303	0.00059723	0.0261998	-38.1683	0.100512	0.290314	-3.44454	0.127888	0.322535	-3.10044	5.48287	41.0369	6.65295	1
cg14146583	PIP5KL1;PIP5KL1;PIP5KL1	0.000191361	4.13E-05	0.124311	-8.04435	0.00452793	2.57813	2.57813	0.00693554	2.38779	2.38779	?	?	?	0.792074	1.06518	1.06518	0.665958	0.901346	-1.10945	0.00115177	3.37572	3.37572	0.00245327	2.89493	2.89493	0.00223276	2.94887	2.94887	24.3759	19.1765	0.688362	1
cg08932135	PIPOX	0.0043755	0.0284957	1.48491	1.48491	0.00766618	0.592055	-1.68903	0.235734	1.20931	1.20931	0.0274783	0.671105	-1.49008	0.557155	1.09506	1.09506	0.878908	0.976952	-1.02359	0.000503503	2.29754	2.29754	0.113936	1.30086	1.30086	0.905018	0.981908	-1.01842	7.64245	2.83139	0.329317	1
cg06144905	PIPOX	0.0283616	0.0556956	0.182289	-5.4858	0.112118	0.257127	-3.88912	0.957648	0.959163	-1.04258	0.159703	0.307406	-3.25303	0.00490039	0.053549	-18.6745	0.09897	0.241676	-4.13777	0.00267017	0.0383686	-26.063	0.140688	0.288183	-3.47002	0.0567126	0.183905	-5.4376	4.16888	40.6977	8.67755	1
cg23047236	PIPOX	0.0306019	0.00825576	0.273758	-3.65286	0.0266612	0.365199	-2.73823	0.026976	0.36623	-2.73053	0.0347238	0.389045	-2.5704	0.00706495	0.263118	-3.80058	0.166815	0.568201	-1.75994	0.0470801	0.418324	-2.39049	0.252582	0.632348	-1.58141	0.0486895	0.421686	-2.37143	4.05807	9.45296	2.0706	1
cg16608731	PIPOX	0.0376847	0.962287	0.991843	-1.00822	0.188761	0.785681	-1.27278	0.333165	0.8412	-1.18878	0.231717	1.2427	1.2427	0.423717	1.15204	1.15204	0.00395436	1.95708	1.95708	0.867083	0.9714	-1.02944	0.0106931	1.74333	1.74333	0.661371	0.926489	-1.07934	3.76459	1.78914	0.422449	1
cg07472097	PIPSL	2.21E-05	0.011187	0.730015	-1.36984	5.34E-05	0.474103	-2.10924	6.79E-05	0.485947	-2.05784	0.00154307	0.63709	-1.56964	3.55E-06	0.34047	-2.93712	0.207103	0.876609	-1.14076	1.50E-05	0.411211	-2.43184	0.0276693	1.29394	1.29394	0.00336455	0.673779	-1.48417	33.0083	5.12228	0.137939	1
cg19295034	PIPSL	0.00149732	0.0020206	0.558224	-1.79139	0.0145528	0.668377	-1.49616	0.0148064	0.669367	-1.49395	0.944123	1.00943	1.00943	4.56E-05	0.35637	-2.80607	0.0179467	0.680441	-1.46963	0.996515	0.999416	-1.00058	0.12819	0.802394	-1.24627	0.0183145	0.681615	-1.4671	10.485	2.97611	0.252307	1
cg02897042	PIPSL	0.00631094	0.502342	1.08785	1.08785	0.303434	0.876485	-1.14092	0.00587482	0.640248	-1.56189	0.0673185	0.776021	-1.28862	0.021108	0.709629	-1.40919	0.570913	1.0734	1.0734	0.00962293	1.49982	1.49982	0.00200714	0.5832	-1.71468	0.217489	0.851743	-1.17406	6.8316	1.65515	0.215359	1
cg20465526	PIR;PIR	0.0109004	0.0607902	0.295631	-3.38259	0.0309818	0.232184	-4.30694	0.980383	0.985924	-1.01428	0.560531	0.712246	-1.40401	0.947663	0.962859	-1.03857	0.0313111	0.233068	-4.29059	0.949923	0.964436	-1.03688	0.852559	0.898284	-1.11323	0.000711965	19.5366	19.5366	5.74933	30.2683	4.6797	1
cg03909472	PIR;PIR	0.0277611	0.0300109	0.228964	-4.36749	0.140075	0.399778	-2.50139	0.210054	2.14443	2.14443	0.533619	0.694813	-1.43924	0.114609	0.371193	-2.69401	0.0769602	0.321152	-3.11379	0.733956	0.821176	-1.21777	0.877191	0.914562	-1.09342	0.00425411	9.11003	9.11003	4.20044	22.1892	4.69564	1
cg01303008	PIRT	0.00102155	0.444505	0.920559	-1.0863	0.100434	1.21058	1.21058	0.989852	0.99865	-1.00135	0.00575502	0.680916	-1.46861	0.247389	1.13704	1.13704	0.40335	0.913192	-1.09506	3.06E-05	2.37517	2.37517	0.0388384	1.28918	1.28918	0.382263	0.909232	-1.09983	11.6956	2.08879	0.158752	1
cg13337413	PIRT	0.0257112	0.0251686	0.352131	-2.83985	0.0584106	0.432454	-2.31239	0.0555561	0.427208	-2.34078	0.0386687	0.391134	-2.55667	0.0143253	0.306144	-3.26644	0.196125	0.585185	-1.70886	0.00806933	0.264454	-3.78138	0.0295762	0.366351	-2.72962	0.00868453	0.269527	-3.7102	4.31487	10.5008	2.16323	1
cg00958311	PISD	0.024685	0.542499	0.77626	-1.28823	0.00191484	6.08151	6.08151	0.0299085	2.85626	2.85626	0.149445	1.88698	1.88698	0.205371	0.577594	-1.73132	0.429118	0.717772	-1.3932	0.950957	1.02559	1.02559	0.0541648	2.45418	2.45418	0.135331	1.93731	1.93731	4.37648	11.6981	2.37596	1
cg15162869	PISD	0.0368701	0.0272392	0.322519	-3.10059	0.250693	0.594665	-1.68162	0.207673	1.77772	1.77772	0.784805	0.888226	-1.12584	0.0231866	0.308712	-3.23926	0.0524951	0.384897	-2.5981	0.00772368	0.227201	-4.40138	0.125786	0.488025	-2.04908	0.0647945	0.407333	-2.45499	3.79472	11.2702	2.63997	1
cg01338084	PISD	0.047685	0.1055	0.792419	-1.26196	0.928645	1.01185	1.01185	0.0254169	1.41835	1.41835	0.909438	0.985142	-1.01508	0.111362	0.796	-1.25628	0.0126109	0.664944	-1.50389	0.887876	1.01873	1.01873	0.11966	0.800802	-1.24875	0.233825	1.17846	1.17846	3.44954	0.945595	0.243664	1
cg15579567	PISRT1	0.00600412	0.000857438	0.403145	-2.48049	0.849958	0.966223	-1.03496	0.402668	0.856079	-1.16812	0.552401	0.896677	-1.11523	0.000645666	0.386854	-2.58495	0.0291051	0.627127	-1.59457	0.310483	0.826625	-1.20974	0.0264299	0.620302	-1.61212	0.0126106	0.569636	-1.75551	6.93769	3.61716	0.463447	1
cg00719899	PISRT1	0.00768059	0.00375616	0.390946	-2.5579	0.299209	0.772352	-1.29475	0.00193039	0.348691	-2.86787	0.263122	0.755715	-1.32325	0.00761911	0.438776	-2.27906	0.00524607	0.413145	-2.42046	0.00424638	0.399017	-2.50616	0.108026	0.656395	-1.52347	0.0606416	0.601804	-1.66167	6.42589	5.86613	0.811457	1
cg24255269	PISRT1	0.00939352	0.0346232	0.568765	-1.7582	0.965504	0.990143	-1.00996	0.0112569	0.483209	-2.0695	0.836778	1.04839	1.04839	0.00190757	0.365232	-2.73799	0.583988	0.881027	-1.13504	0.000985887	0.325691	-3.07039	0.302339	0.782895	-1.27731	0.0939335	0.655807	-1.52484	6.0298	5.01091	0.738689	1
cg10156941	PITPNA	0.0157723	0.570148	0.812953	-1.23008	0.198719	0.603546	-1.65687	0.012245	0.27091	-3.69127	0.0124263	3.67316	3.67316	0.004002	5.55632	5.55632	0.795511	0.911007	-1.09769	0.078606	2.12081	2.12081	0.997873	0.999045	-1.00096	0.0721571	2.1707	2.1707	8.2711	15.4393	1.03703	1
cg13178709	PITPNA	0.0220304	0.209876	0.591172	-1.69155	0.153178	0.5442	-1.83756	0.589753	1.24176	1.24176	0.351025	0.682633	-1.46492	0.005923	0.23887	-4.18637	0.0102423	0.275988	-3.62335	0.00387947	0.212865	-4.69781	0.79127	0.899866	-1.11128	0.0317941	0.367509	-2.72102	4.55178	11.4061	2.22744	1
cg07865267	PITPNA;INPP5K;INPP5K;INPP5K	0.0015153	0.00212548	0.205642	-4.86282	0.847617	1.07301	1.07301	0.542072	1.25366	1.25366	0.00401445	0.242684	-4.12058	0.000348722	0.121693	-8.21741	0.00681904	0.276955	-3.61069	0.000996523	0.166824	-5.99434	0.576129	1.22984	1.22984	0.0279071	0.386108	-2.58995	10.449	22.2045	1.88892	1
cg08235822	PITPNB	0.00581809	0.0182406	0.648848	-1.54119	0.022146	1.51294	1.51294	0.0800468	0.745906	-1.34065	0.298364	1.1767	1.1767	0.036692	0.693231	-1.44252	0.0291702	1.474	1.474	0.0198244	1.52898	1.52898	0.00775616	1.67554	1.67554	0.242419	0.831382	-1.20282	7.00536	2.52793	0.320762	1
cg27361369	PITPNB	0.0169664	0.010486	0.280028	-3.57107	0.0237597	0.344232	-2.90502	0.111994	0.504663	-1.98152	0.336951	0.676248	-1.47875	0.0167303	0.315354	-3.17104	0.0109413	0.283105	-3.53226	0.0041184	0.218598	-4.57462	0.51117	0.768488	-1.30126	0.0106946	0.281451	-3.55302	4.97277	12.2975	2.1982	1
cg22510768	PITPNB;LOC284900;LOC284900	0.000539904	0.0559967	1.24587	1.24587	0.000113784	1.98975	1.98975	0.00148239	1.59297	1.59297	0.000113797	1.98973	1.98973	0.0161423	1.34839	1.34839	0.167291	0.861142	-1.16125	0.0234476	1.31642	1.31642	0.178963	0.865031	-1.15603	0.195251	1.14926	1.14926	13.989	2.28493	0.145189	1
cg25477181	PITPNB;LOC284900;LOC284900	0.0182001	0.883181	1.03059	1.03059	0.0548613	1.56234	1.56234	0.0218918	1.75694	1.75694	0.0625392	1.53649	1.53649	0.107095	1.43396	1.43396	0.0853198	0.677207	-1.47665	0.0408972	0.616584	-1.62184	0.136913	1.38863	1.38863	0.0104326	1.93623	1.93623	4.85703	3.22993	0.591113	1
cg11282556	PITPNB;LOC284900;LOC284900	0.0305098	0.660778	1.15239	1.15239	0.552363	1.21299	1.21299	0.1843	0.636142	-1.57198	0.435454	1.2912	1.2912	0.247634	0.678249	-1.47438	0.211535	1.52616	1.52616	0.0044473	0.295551	-3.38352	0.0113233	0.361098	-2.76933	0.231537	1.4964	1.4964	4.06243	6.63776	1.45239	1
cg23873916	PITPNC1;PITPNC1	5.76E-06	0.435699	1.0643	1.0643	3.50E-06	0.425451	-2.35045	0.000196511	0.612303	-1.63318	9.99E-06	2.10248	2.10248	0.395519	1.07056	1.07056	1.42E-05	2.03116	2.03116	0.000689582	1.50078	1.50078	0.335094	0.925064	-1.08101	0.46418	1.06012	1.06012	46.7977	4.55101	0.0864432	1
cg20821885	PITPNC1;PITPNC1	0.00108069	0.194857	0.786367	-1.27167	0.0902824	0.720963	-1.38703	4.59E-05	0.259388	-3.85523	0.0366249	1.53054	1.53054	0.0199517	0.611221	-1.63607	0.91565	0.981603	-1.01874	0.0210785	1.62615	1.62615	0.259682	0.81377	-1.22885	0.0138099	0.58663	-1.70465	11.5101	5.59964	0.432442	1
cg17787990	PITPNC1;PITPNC1	0.00108618	0.141146	0.820526	-1.21873	0.780537	0.965691	-1.03553	0.00465234	0.624719	-1.60072	0.0025863	1.68529	1.68529	0.00467444	0.624973	-1.60007	0.0185171	0.699784	-1.42901	0.0263277	1.38996	1.38996	0.486782	1.09233	1.09233	0.000523217	0.508747	-1.96561	11.4935	2.84377	0.219932	1
cg15327300	PITPNC1;PITPNC1	0.00485827	0.0115174	0.617286	-1.61999	0.0464519	1.41647	1.41647	0.317235	1.17096	1.17096	0.795651	0.961156	-1.04041	0.00414632	0.556167	-1.79802	0.375171	0.870277	-1.14906	0.000447835	0.429465	-2.32848	0.209572	0.817195	-1.2237	0.341277	0.860971	-1.16148	7.40324	2.73227	0.328057	1
cg09770570	PITPNC1;PITPNC1	0.00584582	0.175968	0.862781	-1.15904	0.00114608	0.612391	-1.63294	0.115079	0.838823	-1.19215	0.602432	1.05539	1.05539	0.120526	1.18855	1.18855	0.120897	1.18831	1.18831	0.00282717	1.52473	1.52473	0.260938	0.886683	-1.1278	0.251294	0.884309	-1.13083	6.9951	1.16573	0.148133	1
cg20554542	PITPNC1;PITPNC1	0.00756947	0.86331	1.01909	1.01909	0.014169	1.39385	1.39385	0.000518694	1.81121	1.81121	0.185214	0.857146	-1.16666	0.0921904	1.22551	1.22551	0.15405	1.18224	1.18224	0.504869	0.928449	-1.07706	0.0385796	0.76883	-1.30068	0.628513	1.05495	1.05495	6.45533	1.23064	0.169457	1
cg02641420	PITPNC1;PITPNC1	0.00907616	0.0811201	0.617012	-1.62071	0.0200646	0.496345	-2.01473	0.0401663	0.55319	-1.8077	0.933163	0.979273	-1.02117	0.00132241	0.311495	-3.21033	0.0173275	0.484959	-2.06203	0.00375553	0.376503	-2.65602	0.445272	0.823414	-1.21446	0.00677925	0.416368	-2.40172	6.09605	6.01971	0.877757	1
cg01599633	PITPNC1;PITPNC1	0.0121399	0.834404	0.949363	-1.05334	0.110161	1.54063	1.54063	0.0967125	0.635961	-1.57242	0.917941	1.02591	1.02591	0.0954476	0.634653	-1.57566	0.474928	1.19765	1.19765	0.467203	0.832237	-1.20158	0.00030546	0.233194	-4.28828	0.702587	1.09991	1.09991	5.55257	5.4185	0.867426	1
cg05059607	PITPNC1;PITPNC1	0.0155703	0.00382657	0.298047	-3.35518	0.734101	1.11166	1.11166	0.685778	0.881366	-1.1346	0.0200575	0.418521	-2.38936	0.0193184	0.415448	-2.40704	0.0472833	2.0232	2.0232	0.930447	0.973261	-1.02747	0.669197	1.14275	1.14275	0.0223934	0.427647	-2.33838	5.11706	7.8117	1.35698	1
cg02137421	PITPNC1;PITPNC1	0.0225389	0.629382	0.919898	-1.08708	0.951209	0.989549	-1.01056	0.00946037	0.568579	-1.75877	0.332135	0.842159	-1.18742	0.377201	0.855919	-1.16833	0.659842	1.07901	1.07901	0.0047362	1.90437	1.90437	0.647669	0.924038	-1.08221	0.0176235	0.6091	-1.64177	4.51624	2.1086	0.415015	1
cg03638180	PITPNC1;PITPNC1	0.0247407	0.644566	0.940143	-1.06367	0.0527841	1.33978	1.33978	0.785042	1.037	1.037	0.172615	0.824593	-1.21272	0.0496707	0.742657	-1.34652	0.783594	1.03726	1.03726	0.00500076	0.610454	-1.63813	0.11674	1.25414	1.25414	0.0638598	1.31887	1.31887	4.37305	1.22276	0.248544	1
cg20993386	PITPNC1;PITPNC1	0.0262401	0.0956175	0.401179	-2.49266	0.0356334	0.295182	-3.38774	0.0970468	0.403054	-2.48106	0.333221	1.64544	1.64544	0.0954663	0.400979	-2.49389	0.210797	0.517956	-1.93067	0.00159784	0.104409	-9.57772	0.440171	1.48108	1.48108	0.0958619	0.401501	-2.49066	4.28429	16.8912	3.50453	1
ch.17.1742593	PITPNC1;PITPNC1	0.02677	0.0190472	0.446728	-2.2385	0.0149822	0.427769	-2.33771	0.0636668	0.553258	-1.80748	0.750611	0.913447	-1.09475	0.00241227	0.301253	-3.31947	0.132353	0.630605	-1.58578	0.246301	0.708766	-1.4109	0.0174967	0.43995	-2.27298	0.216342	0.691169	-1.44682	4.25441	5.43122	1.13476	1
cg25348532	PITPNC1;PITPNC1	0.0277209	0.373491	1.18204	1.18204	0.0201895	0.598803	-1.67	0.0857504	0.706357	-1.41572	0.355014	1.19026	1.19026	0.421731	1.16211	1.16211	0.749695	1.06035	1.06035	0.0129737	0.56868	-1.75846	0.140633	1.33662	1.33662	0.0351784	1.56697	1.56697	4.20258	2.23046	0.471765	1
cg03938580	PITPNC1;PITPNC1	0.0302496	0.502377	0.788105	-1.26887	0.204506	0.624266	-1.60188	0.236931	0.646894	-1.54585	0.860079	1.06352	1.06352	0.226637	0.639936	-1.56266	0.00124944	0.173406	-5.76681	0.322008	1.43167	1.43167	0.101814	0.530501	-1.88501	0.0196869	0.362982	-2.75496	4.48596	8.47192	1.46886	1
cg05126734	PITPNC1;PITPNC1	0.044204	0.717604	0.965021	-1.03625	0.0576028	1.23429	1.23429	0.21091	1.13795	1.13795	0.00899251	0.722064	-1.38492	0.498417	1.0697	1.0697	0.035334	0.786424	-1.27158	0.261622	1.12161	1.12161	0.928329	1.00886	1.00886	0.221251	1.13434	1.13434	3.54913	0.540216	0.135298	1
cg16040763	PITPNC1;PITPNC1;PITPNC1;PITPNC1	0.00839461	0.023329	0.553919	-1.80532	0.921093	0.978636	-1.02183	0.348439	0.810261	-1.23417	0.992502	1.00205	1.00205	0.547703	0.875815	-1.14179	0.000296338	0.276884	-3.61161	0.122143	1.44076	1.44076	0.268498	1.28557	1.28557	0.178199	1.36588	1.36588	6.24859	4.70136	0.668788	1
cg19864941	PITPNM1;PITPNM1	0.00159705	0.684512	0.963243	-1.03816	0.000704743	1.6054	1.6054	0.0115328	1.33595	1.33595	0.0203773	1.29212	1.29212	0.0850508	1.19073	1.19073	0.179218	1.13974	1.13974	0.391028	1.08391	1.08391	0.244057	1.11821	1.11821	0.000393397	0.595907	-1.67811	10.2919	1.36997	0.118321	1
cg01189982	PITPNM1;PITPNM1	0.00341527	0.945155	1.0143	1.0143	0.194208	1.32775	1.32775	0.00208618	2.44491	2.44491	0.234863	0.773373	-1.29304	0.0947023	0.684488	-1.46095	0.00199221	0.406174	-2.462	0.0023038	0.415153	-2.40875	0.428883	1.18139	1.18139	0.248189	0.779453	-1.28295	8.23394	5.55544	0.599734	1
cg04383058	PITPNM1;PITPNM1	0.00792463	0.0542043	0.585882	-1.70683	0.168352	1.43218	1.43218	0.801185	0.940126	-1.06369	0.524699	1.17086	1.17086	0.0513241	0.581041	-1.72105	0.730145	1.08842	1.08842	0.0836042	0.625899	-1.5977	0.000335089	0.242817	-4.11832	0.0205813	0.505346	-1.97884	6.36307	6.03398	0.842917	1
cg07167632	PITPNM1;PITPNM1	0.0343153	0.479552	0.856205	-1.16794	0.439004	1.18588	1.18588	0.127829	0.700757	-1.42703	0.683398	1.09261	1.09261	0.000833487	0.337456	-2.96335	0.149228	0.716016	-1.39662	0.7398	1.07465	1.07465	0.650917	1.10339	1.10339	0.774886	1.06389	1.06389	3.89484	2.87783	0.656784	1
cg17028218	PITPNM1;PITPNM1	0.0384908	0.0158703	0.596868	-1.67541	0.0958196	0.726476	-1.37651	0.00779393	0.550597	-1.81621	0.662296	1.07979	1.07979	0.528216	0.894375	-1.1181	0.0145526	0.591119	-1.69171	0.928681	0.984483	-1.01576	0.620756	0.916562	-1.09103	0.0298649	0.639907	-1.56273	3.73554	1.80539	0.4296	1
cg04765955	PITPNM1;PITPNM1	0.0388163	0.907473	0.985483	-1.01473	0.373361	0.891427	-1.1218	0.279678	0.868189	-1.15182	0.130031	1.22836	1.22836	0.37552	1.12119	1.12119	0.00233591	1.70646	1.70646	0.0674252	1.29399	1.29399	0.229809	0.85345	-1.17171	0.628428	0.940511	-1.06325	3.72403	0.932941	0.222684	1
cg15676015	PITPNM1;PITPNM1	0.0403162	0.604497	0.722452	-1.38417	0.0106858	7.36389	7.36389	0.380033	1.75117	1.75117	0.896371	0.922122	-1.08446	0.0977829	0.322964	-3.09632	0.0163189	6.21542	6.21542	0.737313	0.811028	-1.233	0.137553	0.36971	-2.70483	0.179223	0.411591	-2.4296	3.67246	22.5169	5.45003	1
cg06182410	PITPNM1;PITPNM1	0.0425541	0.102632	0.772766	-1.29405	0.37982	0.878064	-1.13887	0.0270758	1.45895	1.45895	0.31371	0.860368	-1.16229	0.0608682	0.737146	-1.35658	0.29525	0.854985	-1.16961	0.0286293	1.45162	1.45162	0.1936	0.819921	-1.21963	0.143588	0.797055	-1.25462	3.59977	1.18777	0.293295	1
cg18850124	PITPNM2	5.93E-07	0.0194387	0.800382	-1.2494	3.97E-07	0.319356	-3.1313	0.513047	1.05367	1.05367	3.28E-07	0.310406	-3.22158	1.09E-07	0.25986	-3.84822	2.03E-06	0.397206	-2.51759	0.110906	0.872075	-1.14669	0.224711	0.904381	-1.10573	0.00179573	0.704653	-1.41914	83.7786	8.24118	0.0874387	1
cg24967811	PITPNM2	3.66E-05	0.832461	0.974765	-1.02589	0.00679048	1.52687	1.52687	0.026865	0.728829	-1.37206	0.000295019	0.491003	-2.03665	1.05E-06	0.214223	-4.66804	0.0654534	0.779217	-1.28334	0.33923	1.12619	1.12619	0.275142	0.871987	-1.14681	0.000317421	0.49481	-2.02098	28.9033	6.66328	0.204922	1
cg11145412	PITPNM2	0.00098687	0.0101493	0.499277	-2.00289	0.000387647	0.297513	-3.3612	0.22829	0.762709	-1.31112	0.169516	0.730892	-1.36819	0.000161577	0.251639	-3.97394	0.00134779	0.368787	-2.71159	0.000531739	0.314939	-3.17522	0.0846428	0.664614	-1.50463	0.0258154	0.567237	-1.76293	11.8107	8.58369	0.64602	1
cg13037550	PITPNM2	0.00162078	0.0131032	2.81503	2.81503	0.00288373	3.96867	3.96867	0.0418346	2.20127	2.20127	0.000892854	5.33033	5.33033	0.00299974	0.25436	-3.93144	0.097921	1.84172	1.84172	0.700442	1.13886	1.13886	0.00385024	3.70627	3.70627	0.0302437	2.356	2.356	10.2482	18.3635	1.59278	1
cg11892997	PITPNM2	0.00440329	0.268936	1.21689	1.21689	0.000232539	0.353021	-2.83269	0.0456289	0.676551	-1.47809	0.264437	1.21934	1.21934	0.0123602	0.588007	-1.70066	0.198743	0.79331	-1.26054	0.193164	1.26463	1.26463	0.241765	1.23232	1.23232	0.105779	0.739905	-1.35153	7.6278	3.51162	0.409219	1
cg25801622	PITPNM2	0.00636882	0.0335885	0.420536	-2.37792	0.289771	0.681524	-1.4673	0.00274825	0.236451	-4.2292	0.0177629	0.365729	-2.73427	0.380432	0.730552	-1.36883	0.754747	0.896415	-1.11555	0.000389614	0.138995	-7.19451	0.756582	1.11461	1.11461	0.0170515	0.362429	-2.75916	6.8123	13.138	1.71429	1
cg01311567	PITPNM2	0.00672011	0.396034	0.775176	-1.29003	0.000616489	4.6865	4.6865	0.000943346	4.24193	4.24193	0.674876	0.883726	-1.13157	0.987966	0.995591	-1.00443	0.352263	0.755428	-1.32375	0.127868	1.61982	1.61982	0.557964	1.18958	1.18958	0.70992	1.11569	1.11569	6.69971	9.10929	1.20858	1
cg01816936	PITPNM2	0.0072939	0.0422762	0.558001	-1.79211	0.239606	0.735572	-1.35949	0.00638294	0.412642	-2.42341	0.00678269	0.416851	-2.39894	0.142353	0.674813	-1.48189	0.269931	1.33176	1.33176	0.013437	2.14542	2.14542	0.641171	1.12419	1.12419	0.00923227	0.438627	-2.27984	6.53071	6.43312	0.875605	1
cg20777390	PITPNM2	0.00905173	0.336412	1.35834	1.35834	0.207447	0.663153	-1.50795	0.0687433	0.532878	-1.8766	0.422434	0.776317	-1.28813	0.0011761	0.229692	-4.35366	0.420303	0.775374	-1.2897	0.99548	0.998251	-1.00175	0.00296982	3.52472	3.52472	0.86064	1.0558	1.0558	6.10126	9.22585	1.34411	1
cg18637761	PITPNM2	0.0327891	0.0314475	0.410637	-2.43524	0.69713	0.871139	-1.14792	0.260319	0.660916	-1.51305	0.232544	0.643024	-1.55515	0.00488383	0.268238	-3.72803	0.646788	0.849815	-1.17673	0.00390559	0.254049	-3.93625	0.0549903	0.464167	-2.1544	0.0791247	0.50279	-1.9889	3.95916	7.80106	1.75145	1
cg25505069	PITPNM3;PITPNM3	0.00155959	0.98332	0.997878	-1.00213	0.266945	0.889127	-1.1247	0.188381	1.15213	1.15213	0.0053789	1.45118	1.45118	0.271196	0.890127	-1.12344	0.0106498	1.38579	1.38579	9.58E-05	0.493879	-2.02479	0.242916	0.883237	-1.1322	0.246186	0.884064	-1.13114	10.3626	1.69436	0.145339	1
cg15743833	PITPNM3;PITPNM3	0.00212923	0.112249	0.861305	-1.16103	0.00409406	0.717053	-1.3946	0.00130861	1.49783	1.49783	0.0860169	1.17798	1.17798	0.43638	0.933738	-1.07096	0.452649	0.936073	-1.06829	0.00106108	0.658416	-1.5188	0.0681782	1.19285	1.19285	0.566764	1.05127	1.05127	9.46736	1.11788	0.104957	1
cg05845928	PITPNM3;PITPNM3	0.00506705	0.00827323	0.495982	-2.0162	0.0493157	1.59349	1.59349	0.00550045	0.468637	-2.13385	0.291791	0.796799	-1.25502	0.60579	1.11417	1.11417	0.0123955	1.90869	1.90869	0.0108329	0.514509	-1.9436	0.113052	0.698963	-1.43069	0.106328	1.44229	1.44229	7.3088	4.99201	0.607123	1
cg05676450	PITPNM3;PITPNM3	0.00689097	0.705657	1.14796	1.14796	0.492916	0.776283	-1.28819	0.0933026	1.95681	1.95681	0.00229254	0.212206	-4.71241	0.00391715	0.243662	-4.10404	0.0892932	0.50593	-1.97656	0.0250786	2.6356	2.6356	0.0285249	0.390709	-2.55945	0.942646	0.974174	-1.02651	6.64756	13.9232	1.86176	1
cg22163463	PITPNM3;PITPNM3	0.00832438	0.252547	0.684839	-1.4602	0.00403376	3.39881	3.39881	0.150648	1.62897	1.62897	0.934827	1.02624	1.02624	0.586145	0.840184	-1.19022	0.248704	0.682542	-1.46511	0.00139051	0.23049	-4.33859	0.0501002	0.492836	-2.02907	0.272799	1.43554	1.43554	6.26519	9.95591	1.41252	1
cg27072893	PITPNM3;PITPNM3	0.0205683	0.0180944	0.541403	-1.84705	0.030961	0.581919	-1.71845	0.0323288	0.585283	-1.70858	0.139938	0.712163	-1.40417	0.00146333	0.374553	-2.66985	0.501224	0.864238	-1.15709	0.824695	0.953689	-1.04856	0.616298	1.11403	1.11403	0.0342462	0.589791	-1.69552	4.65993	3.37162	0.643142	1
cg02024661	PITPNM3;PITPNM3	0.0241482	0.185157	0.765425	-1.30646	0.00267266	0.453877	-2.20324	0.346933	0.831729	-1.20232	0.876311	1.03008	1.03008	0.218379	0.781691	-1.27928	0.0425255	1.55943	1.55943	0.0297456	1.62686	1.62686	0.564807	0.895189	-1.11708	0.717631	0.933245	-1.07153	4.40999	2.52772	0.509495	1
cg04167480	PITPNM3;PITPNM3	0.0314907	0.572243	1.20746	1.20746	0.397903	1.331	1.331	0.14115	1.68673	1.68673	0.134046	1.70536	1.70536	0.00407262	0.279798	-3.574	0.0112612	2.85415	2.85415	0.519705	1.24059	1.24059	0.777785	1.09797	1.09797	0.762753	0.904828	-1.10518	4.01685	6.94221	1.53624	1
cg13124675	PITPNM3;PITPNM3	0.0326983	0.513886	0.88081	-1.13532	0.0101757	0.537247	-1.86134	0.10368	0.71095	-1.40657	0.925245	1.01815	1.01815	0.521861	0.88298	-1.13253	0.00265581	0.450719	-2.21868	0.247806	1.26066	1.26066	0.143231	0.739643	-1.352	0.105786	0.712686	-1.40314	3.9631	2.30687	0.517412	1
cg07206676	PITPNM3;PITPNM3	0.0327571	0.549687	1.63576	1.63576	0.0105717	13.661	13.661	0.0345936	7.41283	7.41283	0.787363	1.24583	1.24583	0.00973999	0.0700871	-14.268	0.960839	1.04073	1.04073	0.306596	0.422932	-2.36444	0.230962	2.77763	2.77763	0.321901	2.29781	2.29781	3.96055	41.4604	9.3052	1
cg14995047	PITRM1	2.00E-05	1.05E-06	0.117338	-8.52239	0.143723	1.30161	1.30161	0.1461	0.769649	-1.29929	0.000172096	0.342687	-2.91812	0.00294316	0.503979	-1.98421	0.0892179	0.730165	-1.36955	8.10E-06	0.194615	-5.13835	0.690796	0.93511	-1.06939	0.00118906	0.450482	-2.21984	33.8866	15.1115	0.396395	1
cg16971664	PITRM1	0.000125678	0.95662	1.006	1.006	0.00158699	0.607166	-1.647	0.00415109	0.65515	-1.52637	0.000414592	1.85251	1.85251	0.000125799	2.08539	2.08539	0.000483508	0.547555	-1.8263	0.0952916	1.22349	1.22349	0.0139017	1.39718	1.39718	0.0557234	0.787749	-1.26944	20.825	3.99494	0.170519	1
cg13668419	PITRM1	0.000172327	0.128613	0.829856	-1.20503	0.000206204	2.02557	2.02557	0.799477	0.971509	-1.02933	0.00802766	0.679977	-1.47064	0.746545	1.03751	1.03751	5.01E-05	0.421587	-2.37199	0.0988572	1.22813	1.22813	0.0644538	0.789871	-1.26603	0.000264548	0.506409	-1.97469	19.127	3.90619	0.181533	1
cg04818343	PITRM1	0.000419145	0.189505	0.763769	-1.3093	0.00192429	0.426826	-2.34287	0.361953	1.19926	1.19926	0.920086	1.01965	1.01965	0.0466113	0.642851	-1.55557	8.11E-05	0.251966	-3.96879	0.000125637	0.273859	-3.65151	0.490542	0.873022	-1.14545	0.000375097	0.331934	-3.01265	15.0054	8.93561	0.529327	1
cg15904848	PITRM1	0.000431077	0.117021	1.35952	1.35952	0.793728	0.953834	-1.0484	0.000559316	0.380862	-2.62562	0.704181	1.07123	1.07123	0.150966	0.757593	-1.31997	0.386944	0.852175	-1.17347	3.35E-05	0.234304	-4.26796	0.2928	1.21757	1.21757	0.000407835	0.363136	-2.75379	14.8895	7.67226	0.458026	1
cg20407665	PITRM1	0.000898073	0.839692	0.941478	-1.06216	2.61E-05	0.0838805	-11.9217	0.0878938	0.570754	-1.75207	0.0270084	0.458586	-2.18062	0.00145958	0.254483	-3.92954	0.024746	0.451161	-2.2165	0.376148	0.763063	-1.31051	0.0610575	1.8748	1.8748	0.0969007	0.581274	-1.72036	12.1301	17.0301	1.24796	1
cg07192047	PITRM1	0.00127583	0.0170474	0.367747	-2.71926	0.00125948	5.04962	5.04962	0.241692	0.65608	-1.52421	0.988711	0.995146	-1.00488	0.00203784	0.224111	-4.46208	0.00536449	0.283345	-3.52926	0.000810814	0.175996	-5.68195	0.693504	1.14594	1.14594	0.0556107	0.474264	-2.10853	10.9779	20.5661	1.66526	1
cg14609960	PITRM1	0.00135236	0.840678	1.03668	1.03668	2.72E-05	0.227402	-4.3975	0.160131	0.764474	-1.30809	0.188024	1.28358	1.28358	0.238445	1.24729	1.24729	0.481376	1.13664	1.13664	0.0496968	1.49281	1.49281	0.0789105	0.705277	-1.41788	0.635691	1.08916	1.08916	10.7962	5.4762	0.450873	1
cg16819272	PITRM1	0.00136484	0.0050864	0.288457	-3.46672	0.00477007	0.284239	-3.51817	0.118095	0.565687	-1.76776	0.715717	0.884443	-1.13066	0.000264857	0.133807	-7.47342	0.0329269	0.432761	-2.31075	0.000113673	0.102809	-9.72674	0.134175	0.581414	-1.71994	0.0198195	0.388891	-2.57141	10.7678	19.2229	1.58686	1
cg19191258	PITRM1	0.00371047	0.328372	0.844131	-1.18465	0.000531885	2.47408	2.47408	0.0350152	0.661935	-1.51072	0.854015	0.969537	-1.03142	0.0118137	0.589758	-1.69561	0.00622115	0.549333	-1.82039	0.653823	1.07877	1.07877	0.461931	0.881802	-1.13404	0.0571461	0.69665	-1.43544	8.03199	3.58874	0.397161	1
cg03141879	PITRM1	0.0043465	0.0375082	0.632607	-1.58076	0.000445308	0.349471	-2.86147	0.221995	1.27572	1.27572	0.00619929	0.508095	-1.96814	0.219143	1.27784	1.27784	0.380763	0.843191	-1.18597	0.869921	1.03158	1.03158	0.0348224	1.59468	1.59468	0.0957199	0.706688	-1.41505	7.65786	4.36526	0.5067	1
cg00423195	PITRM1	0.00495038	0.0119132	0.529446	-1.88877	0.00181593	2.4555	2.4555	0.134749	1.38643	1.38643	0.258697	1.26971	1.26971	0.434299	0.850737	-1.17545	0.0757149	1.49268	1.49268	0.00426776	0.460837	-2.16996	0.733485	1.07171	1.07171	0.100413	0.694422	-1.44005	7.36097	4.78657	0.578012	1
cg02413246	PITRM1	0.00895617	0.8265	0.971759	-1.02906	0.00279405	1.71211	1.71211	0.0293178	1.39795	1.39795	0.0459001	0.741853	-1.34798	0.00540627	0.62014	-1.61254	0.662251	0.944256	-1.05903	0.151404	0.818239	-1.22214	0.430031	0.900218	-1.11084	0.198356	0.837449	-1.1941	6.12185	1.65114	0.239745	1
cg26850559	PITRM1	0.0134142	0.00374628	0.483557	-2.06801	0.18685	0.771241	-1.29661	0.848929	0.965216	-1.03604	0.0132646	1.76787	1.76787	0.026679	1.62831	1.62831	0.524436	0.887139	-1.12722	0.0629519	0.678163	-1.47457	0.395578	0.850847	-1.1753	0.187836	1.29577	1.29577	5.37473	2.93385	0.485209	1
cg12818481	PITRM1	0.0154527	0.55502	0.896378	-1.1156	0.00307517	0.475918	-2.1012	0.281162	0.814456	-1.22781	0.311761	0.825523	-1.21135	0.333715	0.83303	-1.20044	0.856676	0.967418	-1.03368	0.0128427	1.76147	1.76147	0.0425063	1.53418	1.53418	0.0760917	1.4357	1.4357	5.12994	2.72759	0.472623	1
cg02899903	PITRM1	0.015503	0.0282175	0.490506	-2.03871	0.491454	0.825218	-1.2118	0.00655552	0.378766	-2.64015	0.392319	1.27242	1.27242	0.150938	0.654983	-1.52676	0.597381	0.863698	-1.15781	0.00849695	2.51794	2.51794	0.0199311	0.461913	-2.16491	0.624139	0.873047	-1.14541	5.12441	6.1338	1.06398	1
cg05558993	PITRM1	0.0354984	0.00487805	0.451203	-2.2163	0.295208	0.793326	-1.26052	0.0468525	1.62465	1.62465	0.280317	1.27042	1.27042	0.735024	0.930112	-1.07514	0.6777	1.09323	1.09323	0.275317	0.785016	-1.27386	0.206292	1.32885	1.32885	0.0616062	1.56679	1.56679	3.84737	2.77168	0.640362	1
cg20886541	PITRM1	0.0463715	0.350495	0.801941	-1.24697	0.510434	1.16572	1.16572	0.581691	0.880028	-1.13633	0.0721024	1.58578	1.58578	0.00421457	0.414719	-2.41127	0.159708	0.708158	-1.41212	0.122743	0.681063	-1.46829	0.885816	1.03355	1.03355	0.0611385	0.615903	-1.62363	3.48603	2.91269	0.742695	1
cg19328162	PITRM1	0.0474855	0.00818245	2.81155	2.81155	0.339764	0.740402	-1.35062	0.756453	0.90934	-1.0997	0.0108778	2.65578	2.65578	0.0817618	1.80261	1.80261	0.184298	1.53758	1.53758	0.0493639	1.98418	1.98418	0.403272	1.29859	1.29859	0.788598	1.08556	1.08556	3.455	5.10645	1.31377	1
cg21614303	PITX1	5.04E-08	0.00145195	0.781345	-1.27984	1.19E-05	1.64347	1.64347	0.0682903	0.896298	-1.1157	0.476265	1.03961	1.03961	2.93E-05	0.644332	-1.552	1.25E-05	0.610362	-1.63837	1.09E-09	0.193172	-5.17674	0.000118739	1.43498	1.43498	0.0124962	1.18136	1.18136	156.486	7.12942	0.0404972	1
cg02495310	PITX1	2.01E-06	0.0989236	1.4219	1.4219	0.112114	1.40016	1.40016	4.12E-06	7.97203	7.97203	0.874414	1.03125	1.03125	3.91E-06	8.09213	8.09213	0.000156666	3.52115	3.52115	0.585418	0.898373	-1.11312	8.85E-08	30.4656	30.4656	0.121186	0.721121	-1.38673	61.3348	36.772	0.532914	1
cg12673103	PITX1	2.44E-05	0.399615	0.884645	-1.1304	0.682695	0.943251	-1.06016	0.904058	1.01729	1.01729	8.84E-06	3.93642	3.93642	0.298708	0.858036	-1.16545	0.358759	0.87447	-1.14355	0.552453	0.918118	-1.08918	9.98E-07	6.21492	6.21492	0.0128355	1.55156	1.55156	32.1436	10.286	0.284446	1
cg00396667	PITX1	0.0004216	0.496283	0.714904	-1.39879	0.0445357	3.06725	3.06725	0.010577	4.7695	4.7695	0.0257076	3.49696	3.49696	0.853219	1.09415	1.09415	0.472327	1.4264	1.4264	0.00514355	0.166076	-6.02134	1.10E-05	10.4052	10.4052	[illegible]	[illegible]	[illegible]	94.6887	56.0037	3.3229	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03347590	PITX1	0.00120411	0.313046	1.12862	1.12862	2.06E-05	0.36891	-2.71069	0.808678	1.02853	1.02853	0.456489	0.915822	-1.09191	0.517216	1.07911	1.07911
cg25648267	PITX1	0.0016988	0.0232937	0.33163	-3.01541	0.915992	1.04389	1.04389	0.0190672	0.315011	-3.17449	0.00911191	0.259573	-3.85249	0.0908555	0.468461	-2.13465
cg24495017	PITX1	0.00220076	0.0360445	0.460062	-2.17362	0.861043	1.05737	1.05737	0.00473065	0.302762	-3.30293	0.00519305	0.308965	-3.23661	0.00470725	0.302434	-3.3065
cg04101060	PITX1	0.0030695	0.00378582	3.30822	3.30822	0.0416965	2.05251	2.05251	0.00054827	5.17635	5.17635	0.472506	1.25081	1.25081	0.897921	0.961454	-1.04009
cg02100373	PITX1	0.00310887	0.75798	0.921048	-1.08572	0.514553	0.838729	-1.19228	0.545351	1.17687	1.17687	0.0361024	1.91281	1.91281	0.889123	0.963562	-1.03782
cg07274716	PITX1	0.00437301	0.54857	0.69465	-1.43957	0.7236	1.23754	1.23754	0.00955498	7.16969	7.16969	0.014996	6.0187	6.0187	0.839828	1.12915	1.12915
cg06933574	PITX1	0.00495361	0.021058	0.179758	-5.56305	0.517719	0.666572	-1.50021	0.249813	0.475292	-2.10397	0.0226341	0.184885	-5.40877	0.0125566	0.146607	-6.82094
cg18606375	PITX1	0.00504095	0.019923	0.330924	-3.02185	0.872522	0.938756	-1.06524	0.623401	1.21505	1.21505	0.0867993	2.1052	2.1052	0.0360485	2.61083	2.61083
cg23064601	PITX1	0.00504862	0.199482	0.591283	-1.69124	0.652135	1.19232	1.19232	0.337243	1.46741	1.46741	0.011304	3.42023	3.42023	0.122444	0.522658	-1.9133
cg08373003	PITX1	0.00683086	0.513094	0.755702	-1.32327	0.844436	1.0865	1.0865	0.724534	1.16116	1.16116	0.326483	1.5339	1.5339	0.50017	0.749001	-1.33511
cg05171952	PITX1	0.0085148	0.00805817	0.142487	-7.01819	0.536218	0.697962	-1.43274	0.705856	1.24319	1.24319	0.0793401	3.0592	3.0592	0.497733	0.673544	-1.48468
cg13715631	PITX1	0.00929403	0.292619	0.671648	-1.48888	0.759927	1.11821	1.11821	0.770755	1.11239	1.11239	0.0736414	0.483358	-2.06886	0.0108794	0.31175	-3.2077
cg11512280	PITX1	0.0114433	0.988133	0.995665	-1.00435	0.368305	1.30987	1.30987	0.153091	1.56349	1.56349	0.837751	0.941865	-1.06172	0.288317	1.37988	1.37988
cg02213684	PITX1	0.0184127	0.679645	0.798999	-1.25157	0.444674	0.656344	-1.52359	0.530166	1.41009	1.41009	0.51446	0.699601	-1.42939	0.478447	0.677448	-1.47613
cg02948884	PITX1	0.0315915	0.602768	0.904377	-1.10573	0.777263	1.05579	1.05579	0.192934	1.30181	1.30181	0.156283	0.748032	-1.33684	0.768714	0.945117	-1.05807
cg12129103	PITX1;PITX1	0.01347	0.203182	0.823833	-1.21384	0.00881472	1.61786	1.61786	0.00274163	1.81558	1.81558	0.513499	1.10031	1.10031	0.752036	1.04679	1.04679
cg26972058	PITX1;PITX1	0.0189896	0.783263	0.947642	-1.05525	0.317904	1.22305	1.22305	0.279266	1.24532	1.24532	0.2301	1.27836	1.27836	0.530739	1.13185	1.13185
cg03184290	PITX2;PITX2	0.000111803	0.00875143	3.51568	3.51568	0.00133538	5.78757	5.78757	0.0860956	2.04207	2.04207	0.132928	0.54317	-1.84104	0.390407	0.717979	-1.3928
cg02725370	PITX2;PITX2	0.00039201	?	?	?	0.16052	2.02197	2.02197	0.168238	1.993	1.993	0.000601187	0.0832703	-12.0091	0.202468	0.531536	-1.88134
cg20705938	PITX2;PITX2	0.000777527	0.132018	0.687425	-1.4547	0.00419483	2.42114	2.42114	0.0109594	2.08767	2.08767	0.048589	0.594874	-1.68103	0.171405	0.714821	-1.39895
cg26708319	PITX2;PITX2	0.000825151	0.418845	1.45088	1.45088	0.126911	2.10393	2.10393	0.00987986	4.34392	4.34392	0.00345838	5.98037	5.98037	0.614699	1.25693	1.25693
cg17707140	PITX2;PITX2	0.00116252	0.00128199	3.56772	3.56772	0.0202194	0.468267	-2.13553	0.0858618	1.67242	1.67242	0.688119	0.896441	-1.11552	0.504363	1.20148	1.20148
cg19134945	PITX2;PITX2	0.00167371	0.00395343	7.75697	7.75697	0.000633504	16.03	16.03	0.00106395	12.8952	12.8952	0.871394	1.0894	1.0894	0.232227	1.93889	1.93889
cg01616926	PITX2;PITX2	0.00168301	0.781871	1.14634	1.14634	0.000324219	17.4688	17.4688	0.883183	1.07503	1.07503	0.357603	0.627809	-1.59284	0.335969	0.613742	-1.62935
cg14056644	PITX2;PITX2	0.00415872	0.00648048	2.91119	2.91119	0.870087	1.05066	1.05066	0.0120935	2.57187	2.57187	0.818567	1.07184	1.07184	0.512135	0.818131	-1.2223
cg05522383	PITX2;PITX2	0.00420379	0.35965	0.718631	-1.39153	0.31863	0.696567	-1.43561	0.378624	1.37285	1.37285	0.15768	0.588604	-1.69894	0.274429	0.671028	-1.49025
cg19829847	PITX2;PITX2	0.00427343	0.117875	1.80363	1.80363	0.133329	1.75493	1.75493	0.403653	0.743179	-1.34557	0.993256	1.00294	1.00294	0.0610575	2.08172	2.08172
cg19304088	PITX2;PITX2	0.00609663	0.289414	0.781076	-1.28029	0.00335158	2.45201	2.45201	0.173695	0.722365	-1.38434	0.197154	0.736127	-1.35846	0.00117363	0.342987	-2.91556
cg09781994	PITX2;PITX2	0.00638829	0.222907	0.584159	-1.71186	0.0156901	3.46617	3.46617	0.12215	0.494988	-2.02025	0.612503	0.807033	-1.23911	0.0786757	0.440553	-2.26988
cg01610231	PITX2;PITX2	0.00774966	0.413695	0.845594	-1.1826	0.382799	1.19678	1.19678	0.00399799	2.17369	2.17369	0.0736721	0.670187	-1.49212	0.0727717	1.49442	1.49442
cg05581451	PITX2;PITX2	0.0160207	0.988406	0.997553	-1.00245	0.0239586	1.57491	1.57491	0.976261	1.00503	1.00503	0.946708	0.988791	-1.01134	0.836014	1.03557	1.03557
cg01951086	PITX2;PITX2	0.016227	0.0773318	0.567818	-1.76113	0.635217	1.14767	1.14767	0.686516	0.889644	-1.12405	0.696352	0.893124	-1.11967	0.273892	0.72026	-1.38839
cg12199540	PITX2;PITX2	0.0365107	0.110614	0.865768	-1.15504	0.0920803	1.16619	1.16619	0.867797	0.986283	-1.01391	0.634884	0.961115	-1.04046	0.932098	0.992959	-1.00709
cg19909239	PITX2;PITX2	0.038073	0.882998	0.971202	-1.02965	0.0062084	0.49264	-2.02988	0.10504	0.703655	-1.42115	0.122679	0.717565	-1.3936	0.938826	1.01535	1.01535
cg09854515	PITX2;PITX2	0.0380732	0.0448004	0.334678	-2.98794	0.400612	1.50513	1.50513	0.120091	0.448721	-2.22856	0.178259	1.97336	1.97336	0.236221	0.554408	-1.80372
cg13891220	PITX2;PITX2	0.0492348	0.493559	0.668939	-1.4949	0.116024	2.68523	2.68523	0.574231	1.38855	1.38855	0.120475	2.64824	2.64824	0.227879	0.480982	-2.07908
cg14308375	PITX2;PITX2;PITX2	4.35E-06	0.000282014	0.461975	-2.16462	0.254377	0.856544	-1.16748	0.252032	1.16846	1.16846	1.78E-06	4.71578	4.71578	0.192214	0.835606	-1.19674
cg05030680	PITX2;PITX2;PITX2	3.14E-05	0.965909	1.01043	1.01043	0.121674	0.665285	-1.50312	0.000800054	3.41951	3.41951	0.878658	0.963572	-1.03781	0.185459	0.711024	-1.40642
cg01371072	PITX2;PITX2;PITX2	8.35E-05	0.0063386	0.545636	-1.83272	3.12E-05	0.250438	-3.993	0.146136	1.30465	1.30465	0.657146	1.07912	1.07912	0.00174956	0.467478	-2.13914
cg05835105	PITX2;PITX2;PITX2	0.000251857	0.000101932	64.8417	64.8417	0.694597	1.27023	1.27023	0.000112071	61.3021	61.3021	0.0331653	4.52478	4.52478	0.684507	0.780645	-1.28099
cg13458645	PITX2;PITX2;PITX2	0.00031668	0.794892	0.945385	-1.05777	0.160549	1.38147	1.38147	0.000177044	3.93613	3.93613	0.691497	1.08979	1.08979	0.235957	0.765111	-1.307
cg16546442	PITX2;PITX2;PITX2	0.000333798	0.000554628	3.71687	3.71687	0.241021	1.35081	1.35081	0.685566	0.905086	-1.10487	0.744033	0.922865	-1.08358	0.0683469	0.606539	-1.6487
cg17507671	PITX2;PITX2;PITX2	0.000346865	0.140997	0.769814	-1.29902	0.00370421	0.523106	-1.91166	0.0109386	0.589961	-1.69503	0.786846	1.0458	1.0458	0.0617567	0.706366	-1.4157
cg17929238	PITX2;PITX2;PITX2	0.000393569	0.164498	0.623518	-1.6038	0.0296014	2.26082	2.26082	0.767142	0.909756	-1.0992	0.00280907	3.71057	3.71057	0.00851006	0.343169	-2.91402
cg13193239	PITX2;PITX2;PITX2	0.000482681	0.402699	1.10446	1.10446	0.0265496	1.35667	1.35667	0.012208	1.43659	1.43659	0.726293	0.960046	-1.04162	0.989212	1.00157	1.00157
cg08867413	PITX2;PITX2;PITX2	0.000488036	0.0974947	0.667622	-1.49785	0.543471	0.872278	-1.14642	0.489175	0.855461	-1.16896	0.687835	0.914162	-1.0939	0.0121118	0.49909	-2.00365
cg16002355	PITX2;PITX2;PITX2	0.000953154	0.983936	0.993827	-1.00621	0.966804	0.987282	-1.01288	0.150941	1.60546	1.60546	0.00285573	3.53457	3.53457	0.00104131	0.224655	-4.45126
cg23130131	PITX2;PITX2;PITX2	0.00108048	0.851241	1.09575	1.09575	0.198478	1.9385	1.9385	0.00108258	10.4849	10.4849	0.0588236	2.82773	2.82773	0.513579	0.7242	-1.38083
cg27659787	PITX2;PITX2;PITX2	0.00132961	0.972493	1.00669	1.00669	0.140811	1.35841	1.35841	0.00413178	2.10353	2.10353	0.63181	1.09785	1.09785	0.306774	0.814983	-1.22702
cg22717014	PITX2;PITX2;PITX2	0.00161493	0.384393	0.668461	-1.49597	0.0066901	4.89739	4.89739	0.647048	1.23146	1.23146	0.54665	0.759198	-1.31718	0.382947	0.6676	-1.4979
cg10373086	PITX2;PITX2;PITX2	0.002549	0.787458	1.04858	1.04858	0.0783525	1.40953	1.40953	0.0145604	1.69591	1.69591	0.012204	1.73005	1.73005	0.519669	1.12139	1.12139
cg13385016	PITX2;PITX2;PITX2	0.00422013	0.00147575	0.225552	-4.43358	0.0586419	0.499919	-2.00033	0.165185	1.61689	1.61689	0.390464	0.751551	-1.33058	0.159848	0.614178	-1.62819
cg27398720	PITX2;PITX2;PITX2	0.00916814	0.094138	0.640659	-1.56089	0.389603	0.807914	-1.23775	0.0177873	0.497997	-2.00805	0.811244	0.94376	-1.05959	0.0030502	0.374629	-2.66931
cg16184803	PITX2;PITX2;PITX2	0.0101527	0.987371	1.0072	1.0072	0.0272272	3.26977	3.26977	0.0283197	3.2335	3.2335	0.824871	0.904414	-1.10569	0.516059	0.741922	-1.34785
cg20992114	PITX2;PITX2;PITX2	0.0101991	0.0187765	3.36345	3.36345	0.0764783	2.31522	2.31522	0.0194767	3.3304	3.3304	0.4496	1.3885	1.3885	0.0328057	2.89721	2.89721
cg08979895	PITX2;PITX2;PITX2	0.0219391	0.00954139	0.243018	-4.11492	0.0182318	0.290844	-3.43827	0.683843	0.838261	-1.19295	0.55494	0.773119	-1.29346	0.034455	0.345478	-2.89454
cg16747109	PITX2;PITX2;PITX2	0.0253602	0.0358988	3.80099	3.80099	0.669906	1.26437	1.26437	0.0619305	3.15797	3.15797	0.794978	1.1531	1.1531	0.98582	0.990326	-1.00977
cg20291436	PITX2;PITX2;PITX2	0.0265571	?	?	?	0.921438	0.952779	-1.04956	0.0668052	2.73924	2.73924	0.922093	0.953164	-1.04914	0.367884	1.57388	1.57388
cg15784124	PITX2;PITX2;PITX2	0.0286702	0.839777	0.888171	-1.12591	0.498198	0.668431	-1.49604	0.0730354	3.22612	3.22612	0.812607	0.870121	-1.14927	0.317478	0.545885	-1.83189
cg22914729	PITX2;PITX2;PITX2	0.028824	0.0495545	0.429714	-2.32713	0.002076	0.195117	-5.12512	0.0408877	0.410804	-2.43425	0.929604	1.03387	1.03387	0.0905976	0.495168	-2.01952
cg25750389	PITX2;PITX2;PITX2;PITX2	1.39E-05	0.580157	0.920747	-1.08607	0.646262	0.933986	-1.07068	6.06E-07	7.58683	7.58683	0.599839	1.08137	1.08137	0.453765	1.11938	1.11938
cg24430580	PITX2;PITX2;PITX2;PITX2	0.00115404	0.684709	1.14302	1.14302	0.780592	0.912621	-1.09574	0.000532362	5.8459	5.8459	0.0440198	2.13347	2.13347	0.560099	1.2128	1.2128
cg17949915	PITX2;PITX2;PITX2;PITX2	0.00947743	0.946314	1.01573	1.01573	0.00670306	2.25965	2.25965	0.0284702	1.82098	1.82098	0.147897	0.697761	-1.43316	0.535337	0.864568	-1.15665
cg12264949	PITX3	0.000604892	0.245477	0.796708	-1.25516	0.0146445	0.569896	-1.75471	0.0609082	1.4847	1.4847	0.688522	0.927383	-1.0783	0.0159657	0.575812	-1.73668
cg07754999	PITX3	0.00305291	0.0382023	9.03569	9.03569	0.00114671	79.8464	79.8464	0.124485	4.59091	4.59091	0.866063	0.85669	-1.16728	0.768903	0.763405	-1.30992
cg13437635	PITX3	0.00415739	0.0730327	0.567548	-1.76196	0.0490773	0.529161	-1.88979	0.00229301	0.298914	-3.34544	0.205809	0.685161	-1.45951	0.097431	0.597352	-1.67405
cg27649073	PITX3	0.00669114	0.197934	1.41633	1.41633	0.166806	1.45794	1.45794	0.402521	0.803211	-1.245	0.00136338	0.304564	-3.28339	0.418117	0.809259	-1.2357
cg23095743	PITX3	0.0092133	0.015469	35.866	35.866	0.0147872	37.1335	37.1335	0.0328073	20.2696	20.2696	0.0467018	15.5573	15.5573	0.15121	6.38194	6.38194
cg12324970	PITX3	0.0116407	0.00677348	10.3082	10.3082	0.00641216	10.5629	10.5629	0.0310894	5.37711	5.37711	0.0428548	4.70861	4.70861	0.0407228	4.80889	4.80889
cg16329784	PITX3	0.0129235	0.134609	0.706584	-1.41526	0.527599	1.14774	1.14774	0.721863	1.07999	1.07999	0.790809	0.944368	-1.05891	0.000758326	0.333191	-3.00129
cg20641465	PITX3	0.0254246	0.0605963	14.3844	14.3844	0.0109508	55.9131	55.9131	0.0564145	15.213	15.213	0.151263	6.94431	6.94431	0.860745	0.801494	-1.24767
cg05762694	PITX3	0.0282318	0.039256	22.9481	22.9481	0.0143036	52.867	52.867	0.0753623	13.4717	13.4717	0.858882	1.26336	1.26336	0.714011	0.616634	-1.62171
cg14681055	PITX3	0.029403	0.266105	1.23641	1.23641	0.040793	1.54104	1.54104	0.0667175	1.45715	1.45715	0.612166	0.910621	-1.09815	0.270783	0.810604	-1.23365
cg09793118	PITX3	0.0313837	0.204996	1.14478	1.14478	0.809688	0.9759	-1.0247	0.0265184	1.30462	1.30462	0.0237076	1.31393	1.31393	0.556061	0.941572	-1.06205
cg08129312	PITX3	0.0355968	0.109556	3.33708	3.33708	0.0316458	5.69924	5.69924	0.130828	3.08618	3.08618	0.184954	2.64099	2.64099	0.0874755	0.271679	-3.68081
cg22882178	PITX3;PITX3	0.0100902	0.348182	1.15266	1.15266	0.124553	0.783017	-1.27711	0.00155089	1.95303	1.95303	0.600317	1.08087	1.08087	0.544521	0.913734	-1.09441
cg07384894	PIWIL1	1.74E-05	0.000264109	0.283308	-3.52972	0.939992	1.01597	1.01597	0.00215453	0.403919	-2.47575	0.000269873	0.284452	-3.51553	2.26E-06	0.0879996	-11.3637
cg01761968	PIWIL1	5.58E-05	0.00204352	0.336329	-2.97328	0.28639	1.31988	1.31988	0.000142603	0.19317	-5.17678	0.446007	0.823044	-1.215	7.19E-06	0.0833712	-11.9946
cg27147004	PIWIL1	0.000763779	0.0261909	0.695402	-1.43802	0.00027358	0.439944	-2.27302	0.000445716	0.466225	-2.14489	0.0176572	1.4881	1.4881	0.000691239	0.490041	-2.04065
cg12020444	PIWIL1	0.0015029	0.56716	0.906071	-1.10367	0.0987958	1.3616	1.3616	0.0194733	0.617782	-1.61869	0.0689418	1.41495	1.41495	0.00160472	0.462223	-2.16346
cg08187750	PIWIL1	0.00372987	0.581327	0.854412	-1.1704	0.156361	1.5347	1.5347	0.0212289	0.457289	-2.1868	0.615538	1.15378	1.15378	0.000498485	0.214637	-4.65902
cg06365016	PIWIL1	0.00952882	0.405064	1.3933	1.3933	0.000561522	8.02352	8.02352	0.196849	1.70103	1.70103	0.10472	1.99446	1.99446	0.468063	0.750168	-1.33303
cg15606633	PIWIL1	0.0100596	0.81894	1.0906	1.0906	0.00193674	5.25424	5.25424	0.952813	0.977864	-1.02264	0.485622	1.30736	1.30736	0.0213545	0.351244	-2.84702
cg14887500	PIWIL1	0.012478	0.391403	0.655049	-1.5266	0.164382	0.487121	-2.05288	0.0648037	0.362876	-2.75576	0.813958	0.892993	-1.11983	0.0401467	0.312087	-3.20424
cg23081604	PIWIL1	0.0145353	0.0106235	4.8889	4.8889	0.00385121	6.84651	6.84651	0.971372	1.01788	1.01788	0.0564614	2.90593	2.90593	0.687082	0.818708	-1.22144
cg14489632	PIWIL1	0.0189152	0.576856	1.42019	1.42019	0.016613	6.17328	6.17328	0.976932	0.982168	-1.01816	0.342708	1.83734	1.83734	0.0236791	0.186228	-5.36976
cg12122741	PIWIL1	0.0194849	0.0236145	3.35186	3.35186	0.0948998	2.27359	2.27359	0.302849	1.61227	1.61227	0.26433	1.68316	1.68316	0.00428314	0.180879	-5.52856
cg27261050	PIWIL1	0.0232732	0.0977724	2.18747	2.18747	0.585216	1.26805	1.26805	0.56341	0.777475	-1.28622	0.102011	0.462455	-2.16237	0.00206205	0.154113	-6.48875
cg26375660	PIWIL2;PIWIL2	0.000519433	0.000321308	0.475332	-2.10379	0.402586	0.89633	-1.11566	0.000118977	0.423126	-2.36336	0.00198684	0.572362	-1.74714	0.206088	0.84332	-1.18579
cg05079448	PIWIL2;PIWIL2	0.00228709	0.0747287	0.435798	-2.29464	0.15764	0.531428	-1.88172	0.21082	0.575995	-1.73613	0.0159676	0.291002	-3.4364	0.00103125	0.130758	-7.64773
cg03594078	PIWIL2;PIWIL2	0.00365	0.119914	0.40699	-2.45706	0.0625648	0.327363	-3.05471	0.00569093	0.144803	-6.90591	0.00707971	0.156572	-6.38684	0.000827543	0.0683698	-14.6263
cg23431988	PIWIL2;PIWIL2	0.00613524	0.466965	0.820904	-1.21817	0.63882	1.13432	1.13432	0.740904	1.0925	1.0925	0.930535	1.02352	1.02352	0.65365	1.12796	1.12796
cg12858593	PIWIL2;PIWIL2	0.0212966	0.83587	0.89955	-1.11167	0.576277	0.749693	-1.33388	0.522753	0.718545	-1.3917	0.000894681	0.0790381	-12.6521	0.0949544	0.392057	-2.55065
cg14487702	PIWIL2;PIWIL2	0.0248342	0.178317	1.31445	1.31445	0.784998	1.05367	1.05367	0.084371	1.44054	1.44054	0.00938558	1.87707	1.87707	0.136955	1.35838	1.35838
cg02463440	PIWIL2;PIWIL2	0.04835	0.0294796	8.0632	8.0632	0.0649087	5.40702	5.40702	0.391595	2.04347	2.04347	0.315658	2.32728	2.32728	0.0668969	5.32496	5.32496
cg17304084	PIWIL2;PIWIL2;PIWIL2	0.0274028	0.633916	1.09404	1.09404	0.743594	0.940363	-1.06342	0.389673	0.847775	-1.17956	0.536335	0.889312	-1.12446	0.598146	0.905162	-1.10478
cg21471580	PIWIL2;PIWIL2;PIWIL2	0.0318647	0.0562615	5.02703	5.02703	0.0227066	7.6697	7.6697	0.125161	3.45513	3.45513	0.181302	2.8866	2.8866	0.0196333	8.21366	8.21366
cg02596486	PIWIL3	0.0107392	0.303342	1.30594	1.30594	0.0199069	0.494796	-2.02103	0.00132359	0.310576	-3.21983	0.596809	1.14301	1.14301	0.033519	0.536967	-1.86231
cg24872692	PIWIL3	0.0209709	0.694427	0.862619	-1.15926	0.0475289	0.428119	-2.3358	0.000887251	0.155053	-6.44941	0.258457	0.64318	-1.55478	0.00541135	0.254051	-3.93622
cg07971797	PIWIL3;PIWIL3	0.00167921	0.0749967	0.586856	-1.704	0.000132593	0.168392	-5.93853	0.000292566	0.204604	-4.8875	0.0291192	0.500988	-1.99606	0.3631	0.777834	-1.28562
cg16436762	PIWIL4	0.0147067	0.0118462	0.166905	-5.99143	0.0235695	0.214239	-4.66768	0.0232627	0.213236	-4.68964	0.0326639	0.240668	-4.15511	0.0161222	0.186827	-5.35253
cg03456193	PIWIL4;PIWIL4	0.00416736	0.385686	1.07139	1.07139	0.963834	1.00352	1.00352	0.000518029	1.52179	1.52179	0.966933	0.996791	-1.00322	0.211309	1.10751	1.10751
cg24762459	PJA1;PJA1;PJA1	0.00184096	0.0528975	0.575661	-1.73713	0.00067325	0.271081	-3.68894	0.172885	0.694833	-1.4392	0.234174	0.731221	-1.36758	0.000627832	0.26725	-3.74181
cg10143752	PJA1;PJA1;PJA1	0.0154987	0.127551	1.87183	1.87183	0.918658	0.961879	-1.03963	0.118162	0.524402	-1.90693	0.523626	0.781985	-1.2788	0.00151435	0.175819	-5.68766
cg05714334	PJA2	0.000222055	0.396207	1.12821	1.12821	0.218507	0.835522	-1.19686	0.0114411	1.55174	1.55174	0.000335119	0.447926	-2.23251	0.720103	1.05123	1.05123
cg08795170	PJA2	0.00247899	0.0771332	0.780271	-1.28161	0.203756	0.844218	-1.18453	0.0011066	1.83482	1.83482	0.114288	0.805041	-1.24217	0.718062	1.04684	1.04684
ch.5.1992431R	PJA2	0.00820053	0.664581	1.09252	1.09252	0.00274252	0.432357	-2.31291	0.00413087	0.458364	-2.18167	0.280732	1.25536	1.25536	0.0545474	1.55643	1.55643
cg03330254	PJA2;PJA2	0.00514452	0.00260891	0.528653	-1.8916	0.128856	1.28518	1.28518	0.490228	0.8984	-1.11309	0.0987468	0.758246	-1.31883	0.025726	0.667009	-1.49923
cg10268345	PKD1;MIR1225;PKD1	0.00115692	0.018317	4.53396	4.53396	3.91E-05	63.8959	63.8959	0.000857069	14.0658	14.0658	0.138849	2.31907	2.31907	0.0101643	5.53699	5.53699
cg01965047	PKD1;MIR1225;PKD1	0.00583769	0.106399	1.98312	1.98312	0.000673855	7.53202	7.53202	0.0112695	3.43044	3.43044	0.0110651	3.4463	3.4463	0.442689	1.3552	1.3552
cg05598886	PKD1;MIR1225;PKD1	0.00761405	0.116441	2.91495	2.91495	0.000296386	40.2429	40.2429	0.00187934	15.8717	15.8717	0.0514973	4.0158	4.0158	0.954744	0.965033	-1.03623
cg07036112	PKD1;MIR1225;PKD1	0.0473126	0.627032	1.31234	1.31234	0.0045751	8.13145	8.13145	0.00317621	9.36344	9.36344	0.583564	1.35976	1.35976	0.811687	1.14167	1.14167
cg21947488	PKD1;PKD1	0.00423868	0.0480883	0.667724	-1.49762	0.00264395	0.475365	-2.10365	0.361161	0.845516	-1.18271	0.0349731	0.644514	-1.55156	0.0863248	0.712673	-1.40317
cg08127858	PKD1;PKD1	0.00453151	0.412376	1.61191	1.61191	0.00108358	15.6097	15.6097	0.0104401	6.27499	6.27499	0.579188	1.3759	1.3759	0.0313533	0.237284	-4.21436
cg04623960	PKD1;PKD1	0.0190654	0.870453	1.09103	1.09103	0.000954229	13.8438	13.8438	0.060767	3.09077	3.09077	0.109821	2.53569	2.53569	0.124206	0.411216	-2.43181
cg04781587	PKD1;PKD1	0.0271306	0.943142	1.02495	1.02495	0.00139553	4.95075	4.95075	0.0676487	2.02828	2.02828	0.129587	1.76067	1.76067	0.47466	0.777899	-1.28551
cg19584660	PKD1;PKD1	0.0351143	0.0787757	1.65949	1.65949	0.00156972	3.24926	3.24926	0.00836762	2.39688	2.39688	0.143786	1.50309	1.50309	0.36159	1.27549	1.27549
cg06535186	PKD1L1	0.00433531	0.00206313	0.419247	-2.38523	0.686726	0.921994	-1.08461	0.125607	0.717462	-1.3938	0.333697	0.818947	-1.22108	0.000133469	0.265437	-3.76738
cg23228529	PKD1L1	0.0104418	0.102289	0.473475	-2.11205	0.0864639	2.20756	2.20756	0.040968	0.372951	-2.68131	0.00782528	4.16747	4.16747	0.0294324	0.342181	-2.92243
cg26541218	PKD1L1	0.0224323	0.0167564	0.12088	-8.27266	0.329113	0.482425	-2.07286	0.0924522	0.2618	-3.8197	0.0638613	0.221457	-4.51555	0.010733	0.0982443	-10.1787
cg19049696	PKD1L1	0.0253954	0.332145	0.881442	-1.1345	0.0419256	1.34408	1.34408	0.157697	1.20991	1.20991	0.0940287	0.792765	-1.26141	0.0442811	1.33834	1.33834
cg11617965	PKD1L1	0.0472068	0.187356	0.746554	-1.33949	0.30953	1.24604	1.24604	0.126384	0.707597	-1.41323	0.257931	0.781198	-1.28009	0.0441772	0.616568	-1.62188
cg25767859	PKD1L1;C7orf69	0.0365798	0.226379	0.79191	-1.26277	0.00427181	0.495535	-2.01802	0.0333327	0.633301	-1.57903	0.0585509	0.675361	-1.48069	0.0716608	1.44688	1.44688
cg01993124	PKD1L2	7.62E-05	0.623549	0.941335	-1.06232	8.66E-05	2.36492	2.36492	4.98E-06	0.280364	-3.56679	0.636902	1.05983	1.05983	0.00441721	0.628554	-1.59095
cg07602072	PKD1L2	0.0251303	0.308817	0.732485	-1.36522	0.21655	0.680901	-1.46864	0.000766188	0.221726	-4.51008	0.368489	0.761086	-1.31391	0.689613	0.888114	-1.12598
cg04833938	PKD1L2;PKD1L2	0.000320246	0.855826	0.977841	-1.02266	1.98E-05	2.90106	2.90106	0.213432	0.850936	-1.17518	0.121284	0.81304	-1.22995	0.191976	0.843523	-1.1855
cg05274606	PKD1L2;PKD1L2	0.00891991	0.5244	1.08911	1.08911	0.0167208	0.679426	-1.47183	0.088506	0.779844	-1.28231	0.289555	0.864622	-1.15658	0.151615	1.22543	1.22543
cg23541811	PKD1L3	0.00166994	0.00560072	0.316663	-3.15793	0.00215377	0.25616	-3.90381	0.00281283	0.272225	-3.67343	0.00430054	0.299092	-3.34345	0.00586496	0.319799	-3.12697
cg15771244	PKD2	0.000380863	0.125256	1.41311	1.41311	0.0737573	0.66009	-1.51495	0.265378	0.785152	-1.27364	0.137901	0.716821	-1.39505	8.10E-06	0.13102	-7.63243
cg17815897	PKD2	0.0200751	0.192641	0.828006	-1.20772	0.0432921	0.727479	-1.37461	0.636446	0.936907	-1.06734	0.530243	1.09093	1.09093	0.367458	0.880982	-1.1351
cg24162030	PKD2L1	0.000367996	0.853507	1.02832	1.02832	0.571845	0.917294	-1.09016	0.0264253	0.671835	-1.48846	0.000323018	0.415229	-2.40831	3.19E-05	0.294058	-3.40069
cg25155149	PKD2L1	0.00377238	0.000467339	0.24099	-4.14955	0.00116468	0.291294	-3.43299	0.274973	0.745421	-1.34152	0.63748	1.13064	1.13064	0.802004	0.937073	-1.06715
cg19380722	PKD2L1	0.00393144	0.179375	1.27991	1.27991	0.181822	0.782517	-1.27793	0.0795837	0.714127	-1.40031	0.0189143	0.611467	-1.63541	0.027854	0.637781	-1.56794
cg01394390	PKD2L1	0.0065952	0.0184468	0.548583	-1.82288	0.341011	0.813756	-1.22887	0.00036344	0.301106	-3.32109	0.0309634	0.587396	-1.70243	0.0247358	0.570317	-1.75341
cg04872541	PKD2L1	0.00964594	0.417595	0.72713	-1.37527	0.102541	1.98816	1.98816	0.165254	0.565889	-1.76713	0.611327	1.21791	1.21791	0.00300668	0.209091	-4.78261
cg10365880	PKD2L1	0.0120593	0.46601	1.3121	1.3121	0.0351462	0.407154	-2.45607	0.190424	0.601883	-1.66145	0.943677	1.02621	1.02621	0.485749	0.771553	-1.29609
cg22619549	PKD2L1	0.0134773	0.982951	1.00867	1.00867	0.468283	0.742279	-1.3472	0.268693	0.627977	-1.59241	0.504459	0.760673	-1.31463	0.042032	0.388216	-2.57588
cg06298666	PKD2L1	0.0385939	0.00961414	0.230687	-4.33487	0.178883	0.527839	-1.89452	0.0829341	0.42355	-2.361	0.0256538	0.305425	-3.27413	0.0279775	0.312935	-3.19555
cg22599822	PKD2L1;PKD2L1	0.0283039	?	?	?	0.689074	0.886937	-1.12748	0.0160575	0.415178	-2.40861	0.0860477	0.56787	-1.76097	0.29965	0.725672	-1.37803
cg14697642	PKD2L2	0.000152065	0.0162647	3.48277	3.48277	0.0651311	2.4093	2.4093	0.00561109	4.68373	4.68373	0.105081	2.12135	2.12135	0.0172699	0.291819	-3.42678
cg00373499	PKD2L2	0.000248702	0.118521	1.7125	1.7125	0.0415379	2.1087	2.1087	0.0130789	2.6569	2.6569	0.242145	1.47494	1.47494	0.00103072	0.2136	-4.68165
cg24330204	PKD2L2	0.000776819	0.0371892	3.50088	3.50088	0.042335	3.35782	3.35782	0.00321842	8.02448	8.02448	0.199472	2.01821	2.01821	0.033998	0.277499	-3.60362

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03347590	0.929091	1.01037	1.01037	0.0378464	0.756379	-1.32209	0.0618941	1.27607	1.27607	0.328408	1.12408	1.12408	11.1609	2.37647	0.18927	1
cg25648267	0.0739049	0.444444	-2.25	3.27E-05	0.0374364	-26.712	0.0065724	0.23766	-4.20769	0.189044	0.567546	-1.76197	10.1098	26.5352	2.33306	1
cg24495017	0.0138107	0.379481	-2.63518	0.000158488	0.127891	-7.81916	0.00453963	0.300047	-3.33281	0.0527953	0.49614	-2.01556	9.37634	15.0551	1.42724	1
cg04101060	0.857469	1.0566	1.0566	0.0476873	2.00077	2.00077	0.000316024	5.97279	5.97279	0.351673	1.34118	1.34118	8.50012	12.6275	1.3205	1
cg02100373	0.8557	0.952716	-1.04963	0.0989019	0.617891	-1.61841	5.20E-05	7.49024	7.49024	0.321445	1.31334	1.31334	8.46796	9.49594	0.996797	1
cg07274716	0.457726	1.57442	1.57442	0.997002	0.997748	-1.00226	9.25E-05	65.9067	65.9067	0.268456	1.99735	1.99735	7.64377	43.6128	5.07171	1
cg06933574	0.0378603	0.225559	-4.43343	0.000115335	0.0152689	-65.4928	0.04613	0.243348	-4.10934	0.0490341	0.24912	-4.01412	7.3595	44.5846	5.38497	1
cg18606375	0.0509701	0.416874	-2.39881	0.153267	0.547783	-1.82554	0.000425415	8.9911	8.9911	0.670648	0.84505	-1.18336	7.32034	17.959	2.18072	1
cg23064601	0.345329	1.45754	1.45754	0.00468673	0.232922	-4.29327	0.000803657	7.10472	7.10472	0.865591	1.06787	1.06787	7.31694	17.4122	2.1153	1
cg08373003	0.493985	0.745777	-1.34088	0.132002	0.503311	-1.98684	0.000120045	17.1015	17.1015	0.147512	1.92764	1.92764	6.66572	18.8275	2.51068	1
cg05171952	0.482083	0.66353	-1.50709	?	?	?	0.000798271	18.3027	18.3027	0.339244	1.76031	1.76031	6.34731	29.451	4.63991	1
cg13715631	0.742962	0.886953	-1.12745	0.0444983	0.431203	-2.31909	0.000803999	6.32109	6.32109	0.634565	0.83983	-1.19072	6.05026	12.7344	1.87091	1
cg11512280	0.58329	1.17566	1.17566	0.792682	1.07998	1.07998	0.000122735	7.08233	7.08233	0.264876	1.40415	1.40415	5.65989	7.64862	1.20122	1
cg02213684	0.726798	0.827328	-1.20871	0.308183	0.56553	-1.76825	0.000324946	23.1128	23.1128	0.758096	1.18168	1.18168	4.83807	22.3765	4.11119	1
cg02948884	0.523627	0.883622	-1.13171	0.0294604	0.612113	-1.63369	0.00445037	2.06753	2.06753	0.0548766	1.51708	1.51708	4.01227	2.32854	0.515871	1
cg12129103	0.679388	0.941805	-1.06179	0.0155785	0.651879	-1.53403	0.495008	1.10513	1.10513	0.11585	1.27963	1.27963	5.36743	1.76924	0.293	1
cg26972058	0.47531	1.1521	1.1521	0.000615787	0.357574	-2.79662	0.0887276	0.693361	-1.44225	0.529357	1.13233	1.13233	4.78795	2.88456	0.535522	1
cg03184290	0.516561	1.28094	1.28094	0.813541	1.09302	1.09302	1.57E-06	95.7432	95.7432	0.780818	1.11072	1.11072	21.489	48.2341	1.9952	1
cg02725370	0.121473	0.454517	-2.20014	?	?	?	6.05E-05	32.4399	32.4399	0.0559449	2.76474	2.76474	16.1364	43.8448	3.1053	1
cg20705938	0.0240527	0.5377	-1.85977	0.000494441	0.284383	-3.51639	0.000922698	3.13009	3.13009	0.769922	0.934618	-1.06996	12.6329	10.6354	0.748334	1
cg26708319	0.901128	1.0576	1.0576	0.00226586	0.145967	-6.85088	5.70E-05	28.9689	28.9689	0.0837453	2.36851	2.36851	12.4233	39.9385	2.8576	1
cg17707140	0.00308292	2.99644	2.99644	0.00311946	0.334484	-2.98968	0.0012105	3.61035	3.61035	0.144294	1.52945	1.52945	11.2734	13.1053	1.03333	1
cg19134945	0.366968	0.61275	-1.63199	0.0633838	0.331766	-3.01417	0.00279284	8.82722	8.82722	0.0177296	4.59055	4.59055	10.1535	44.9141	3.93203	1
cg01616926	0.0194965	0.249249	-4.01206	0.0429691	3.14582	3.14582	0.000578596	13.7308	13.7308	0.0227394	3.82495	3.82495	10.1372	38.8721	3.40854	1
cg14056644	0.373467	0.75893	-1.31765	0.0620945	0.530366	-1.88549	0.000264304	6.10654	6.10654	0.312703	1.37067	1.37067	7.76083	11.2048	1.28334	1
cg05522383	0.895089	0.95477	-1.04737	0.0412551	0.437807	-2.28411	0.000202826	8.89897	8.89897	0.0163158	2.80158	2.80158	7.73559	15.0781	1.7326	1
cg19829847	0.083577	0.514182	-1.94484	0.0381674	0.434064	-2.30381	0.000168421	9.24149	9.24149	0.893042	1.04783	1.04783	7.69726	14.7067	1.69834	1
cg19304088	0.906919	0.97406	-1.02663	0.0229168	1.84321	1.84321	0.734435	1.07951	1.07951	0.209559	0.742927	-1.34603	6.905	5.52126	0.710758	1
cg09781994	0.274638	1.61139	1.61139	0.00248915	0.171303	-5.83761	0.0075555	4.2314	4.2314	0.0550032	0.401203	-2.4925	6.80586	18.9906	2.48029	1
cg01610231	0.997528	1.00062	1.00062	0.0065286	0.491976	-2.03262	0.0102267	1.91513	1.91513	0.115236	1.41016	1.41016	6.40786	4.08806	0.56709	1
cg05581451	0.845185	1.03351	1.03351	0.370262	0.856288	-1.16783	0.000423211	2.56431	2.56431	0.0581698	1.43481	1.43481	5.06882	2.28262	0.400289	1
cg01951086	0.0906707	0.58437	-1.71124	0.0378854	0.499657	-2.00137	0.00371946	3.09385	3.09385	0.0186706	2.27424	2.27424	5.04727	6.63988	1.16937	1
cg12199540	0.660653	0.964036	-1.03731	0.0666948	1.18585	1.18585	0.796631	0.978816	-1.02164	0.00194032	1.43838	1.43838	3.80828	0.414595	0.0967705	1
cg19909239	0.0279218	0.597236	-1.67438	0.0306962	0.604291	-1.65483	0.132277	1.38033	1.38033	0.853018	1.03749	1.03749	3.7505	2.33875	0.554295	1
cg09854515	0.461729	0.700422	-1.42771	0.0357541	0.313108	-3.19379	0.0120792	4.42481	4.42481	0.484439	0.713434	-1.40167	3.75049	13.4154	3.17952	1
cg13891220	0.783162	0.852551	-1.17295	0.425282	0.624495	-1.60129	0.00221476	11.9353	11.9353	0.430908	1.59182	1.59182	3.40803	18.0485	4.70745	1
cg14308375	0.000583428	0.500673	-1.99731	0.000523065	0.49484	-2.02086	1.67E-06	4.7744	4.7744	0.21963	1.18287	1.18287	50.2975	13.4853	0.238321	1
cg05030680	0.967114	0.990036	-1.01006	0.00411076	0.392606	-2.54708	5.63E-07	28.8629	28.8629	0.866069	1.04185	1.04185	30.0876	28.1129	0.830549	1
cg01371072	0.124853	1.32736	1.32736	0.000481942	0.393255	-2.54288	9.06E-05	3.29704	3.29704	0.128138	0.75551	-1.32361	23.2301	10.6899	0.409042	1
cg05835105	0.91694	1.06528	1.06528	0.749353	0.823401	-1.21448	3.31E-05	132.136	132.136	0.32166	1.86015	1.86015	17.2551	100.424	5.17331	1
cg13458645	0.0354606	0.58987	-1.69529	0.027324	0.569548	-1.75578	2.32E-05	6.19299	6.19299	0.830633	0.954874	-1.04726	16.2081	11.9298	0.654255	1
cg16546442	0.00211781	2.88209	2.88209	0.0989751	0.642	-1.55763	1.70E-05	8.68433	8.68433	0.93672	1.01964	1.01964	15.9758	15.1876	0.845035	1
cg17507671	0.461284	0.883445	-1.13193	0.0156018	0.612675	-1.63219	1.74E-05	4.27721	4.27721	0.192017	1.25632	1.25632	15.8083	6.83527	0.384343	1
cg17929238	0.766272	1.0996	1.0996	0.00820472	0.340543	-2.93649	3.65E-05	12.5729	12.5729	0.0133745	2.65333	2.65333	15.2683	24.5305	1.42812	1
cg13193239	0.228391	0.863578	-1.15797	0.00576104	0.657181	-1.52165	1.31E-05	2.88983	2.88983	0.937248	0.990906	-1.00918	14.4309	3.07634	0.189491	1
cg08867413	0.296994	0.78643	-1.27157	0.170829	0.723218	-1.38271	1.09E-05	8.02778	8.02778	0.0607549	1.59957	1.59957	14.3868	11.2497	0.69506	1
cg16002355	0.149929	0.622037	-1.60762	0.406441	0.770114	-1.29851	0.000112229	8.06775	8.06775	0.383922	1.316	1.316	11.9276	17.8709	1.33181	1
cg23130131	0.569908	0.756016	-1.32272	0.380546	0.645256	-1.54977	2.72E-05	56.386	56.386	0.824423	1.1143	1.1143	11.5107	43.2503	3.3399	1
cg27659787	0.560861	0.89252	-1.12042	0.941016	0.985793	-1.01441	2.37E-05	5.1087	5.1087	0.0583705	1.51223	1.51223	10.8489	6.42428	0.526365	1
cg22717014	0.683003	0.830749	-1.20373	0.011367	0.239052	-4.18319	6.36E-05	27.7277	27.7277	0.225669	1.77646	1.77646	10.2589	33.1384	2.8713	1
cg10373086	0.660127	1.08077	1.08077	0.671387	1.07778	1.07778	3.67E-05	4.03287	4.03287	0.117145	1.34819	1.34819	8.98057	4.38238	0.433764	1
cg13385016	0.342598	0.728064	-1.3735	0.00726275	3.07718	3.07718	0.00391634	3.52643	3.52643	0.810024	0.924808	-1.08131	7.72653	12.8918	1.48312	1
cg27398720	0.0872246	0.633273	-1.5791	0.00835464	0.44248	-2.25999	0.0134251	2.09729	2.09729	0.073422	0.616976	-1.62081	6.07655	5.63308	0.824016	1
cg16184803	0.267761	1.68764	1.68764	0.231571	0.566193	-1.76618	0.000328073	13.8822	13.8822	0.378765	1.50585	1.50585	5.88202	19.1442	2.89306	1
cg20992114	0.897092	1.05667	1.05667	0.375109	0.678547	-1.47374	0.000514239	10.0693	10.0693	0.0430627	2.69571	2.69571	5.87344	16.8818	2.5549	1
cg08979895	0.953913	0.975403	-1.02522	0.0219203	0.30581	-3.27001	0.0270967	3.08774	3.08774	0.258481	0.601663	-1.66206	4.55828	13.405	2.61405	1
cg16747109	0.80877	0.875785	-1.14183	0.539358	0.711815	-1.40486	0.0006532	17.43	17.43	0.650578	1.28331	1.28331	4.33559	20.548	4.21278	1
cg20291436	0.852454	0.912745	-1.0956	0.455075	0.688605	-1.45221	0.000720004	12.4726	12.4726	0.377903	1.55838	1.55838	4.33989	14.6911	3.38513	1
cg15784124	0.8991	0.92838	-1.07715	0.544038	0.697854	-1.43296	0.000718252	20.4078	20.4078	0.54087	1.43713	1.43713	4.15299	22.5725	4.83133	1
cg22914729	0.134741	0.544512	-1.83651	0.0454142	0.421028	-2.37514	0.283892	1.52146	1.52146	0.199005	0.599529	-1.66798	4.14514	9.32902	2.00052	1
cg25750389	0.0110381	0.624312	-1.60176	0.275839	0.845757	-1.18237	5.95E-06	4.49017	4.49017	0.0253611	1.4811	1.4811	37.2078	12.8698	0.307457	1
cg24430580	0.401133	0.754729	-1.32498	0.50878	0.802936	-1.24543	3.96E-05	13.1112	13.1112	0.10374	1.79063	1.79063	11.2969	19.1832	1.50942	1
cg17949915	0.535098	0.864492	-1.15675	0.801726	1.06007	1.06007	0.000730427	3.2882	3.2882	0.0996615	1.51941	1.51941	6.01275	5.11772	0.756574	1
cg12264949	0.791873	1.05072	1.05072	0.00630558	0.513983	-1.94559	3.33E-05	4.50988	4.50988	0.183407	0.767918	-1.30222	13.5531	7.51312	0.492751	1
cg07754999	0.0413614	8.63596	8.63596	0.000307521	214.632	214.632	0.00555199	28.176	28.176	0.00919149	20.7087	20.7087	8.51382	113.214	11.8202	1
cg13437635	0.40594	0.785945	-1.27235	0.000166923	0.162658	-6.14785	0.00535301	0.353745	-2.82689	0.0282519	0.48007	-2.08303	7.76158	9.8657	1.12986	1
cg27649073	0.0089349	0.427105	-2.34134	0.561262	1.16213	1.16213	0.00705742	2.43676	2.43676	0.420579	1.23426	1.23426	6.70871	6.95153	0.921061	1
cg23095743	0.0153788	36.0278	36.0278	0.00125277	292.606	292.606	0.00539205	82.6442	82.6442	0.0116266	44.7488	44.7488	6.06707	139.546	20.445	1
cg12324970	0.0152372	7.2504	7.2504	0.00328661	14.3337	14.3337	0.0220196	6.20791	6.20791	0.0185375	6.67331	6.67331	5.62868	39.392	6.22084	1
cg16329784	0.768571	0.938449	-1.06559	0.00723156	0.474163	-2.10898	0.121097	1.43606	1.43606	0.571509	1.13101	1.13101	5.44062	3.99424	0.652579	1
cg20641465	0.0198101	34.6538	34.6538	0.00386344	134.971	134.971	0.0517693	16.2713	16.2713	0.0369076	21.2063	21.2063	4.33176	108.951	22.3571	1
cg05762694	0.0512261	18.4694	18.4694	0.00547895	121.217	121.217	0.0243872	33.9041	33.9041	0.0394426	22.8594	22.8594	4.17563	114.107	24.2905	1
cg14681055	0.0505021	0.664862	-1.50407	0.0755456	0.69608	-1.43662	0.0109018	1.79549	1.79549	0.884945	1.02687	1.02687	4.11607	2.18629	0.472141	1
cg09793118	0.0203879	1.32661	1.32661	0.100118	0.833467	-1.19981	0.220847	0.877977	-1.13898	0.151115	0.855943	-1.1683	4.02174	0.651181	0.143925	1
cg08129312	0.15916	2.82742	2.82742	0.0173119	7.40666	7.40666	0.0202866	6.9101	6.9101	0.0398006	5.16422	5.16422	3.84351	29.0449	6.71722	1
cg22882178	0.747913	0.953676	-1.04857	0.0369958	1.42801	1.42801	0.00174986	1.92735	1.92735	0.308125	1.16785	1.16785	5.89366	2.0195	0.304584	1
cg07384894	0.000100671	0.234377	-4.26664	6.05E-06	0.118393	-8.44646	0.000122884	0.244137	-4.09606	0.000706921	0.337544	-2.96258	35.1129	24.6263	0.623418	1
cg01761968	0.0627592	0.591603	-1.69032	9.29E-06	0.0906489	-11.0316	0.648917	0.891449	-1.12177	0.0148742	0.471901	-2.11909	25.8601	25.7407	0.884782	1
cg27147004	0.661506	1.06255	1.06255	0.879201	0.979272	-1.02117	0.559017	0.921847	-1.08478	0.0129704	0.65399	-1.52907	12.6964	3.81392	0.267016	1
cg12020444	0.0917286	0.728601	-1.37249	0.00108264	0.439228	-2.27672	0.191805	1.26571	1.26571	0.000709836	0.41497	-2.40981	10.4738	4.82398	0.409402	1
cg08187750	0.00996044	0.398733	-2.50794	0.0015342	0.27585	-3.62516	0.891619	0.96222	-1.03926	0.0404282	0.512384	-1.95166	8.01942	10.1361	1.1235	1
cg06365016	0.0856731	2.09506	2.09506	0.202559	0.592273	-1.68841	0.888759	1.056	1.056	0.0209828	0.339183	-2.94826	6.0024	14.4102	2.134	1
cg15606633	0.0519756	0.433293	-2.30791	0.0067908	0.265303	-3.76927	0.517768	0.780326	-1.28151	0.292468	0.661574	-1.51155	5.89938	13.3687	2.01432	1
cg14887500	0.870706	1.08133	1.08133	0.00723825	0.176687	-5.65973	0.0721433	0.375296	-2.66456	0.000433824	0.0559152	-17.8842	6.21538	22.1999	2.77804	1
cg23081604	0.542195	0.7373	-1.3563	0.0488398	3.03811	3.03811	0.00300094	7.46555	7.46555	0.29372	1.71257	1.71257	5.23482	20.2293	3.435	1
cg14489632	0.386578	0.575611	-1.73728	0.00223091	0.0695979	-14.3682	0.461901	1.59372	1.59372	0.642075	0.747301	-1.33815	4.79431	29.4041	5.45168	1
cg12122741	0.166296	0.516567	-1.93586	0.0488256	0.365367	-2.73698	0.352943	1.5338	1.5338	0.654763	0.817568	-1.22314	4.7464	15.0555	2.81954	1
cg27261050	0.487676	0.737992	-1.35503	0.374226	0.675018	-1.48144	0.0241197	3.18624	3.18624	0.931516	1.03773	1.03773	4.46663	13.1346	2.61388	1
cg26375660	8.40E-05	0.405007	-2.46909	0.0805653	0.780652	-1.28098	0.0222024	0.704498	-1.41945	0.590833	0.933005	-1.07181	14.1401	3.65584	0.229817	1
cg05079448	0.436225	0.717241	-1.39423	0.000108263	0.0575623	-17.3725	0.00497955	0.211106	-4.73696	0.0109264	0.262742	-3.80602	9.27127	25.7059	2.46457	1
cg03594078	0.511153	0.701109	-1.42631	0.000477756	0.0538657	-18.5647	0.0479437	0.299754	-3.33607	0.0117272	0.186814	-5.35293	8.07169	36.2935	3.9968	1
cg23431988	0.504101	1.19811	1.19811	7.41E-05	6.82053	6.82053	0.0360087	1.91605	1.91605	0.350106	1.2923	1.2923	6.89154	7.75829	1.00068	1
cg12858593	0.116309	0.418598	-2.38893	0.139716	0.444449	-2.24998	0.734036	1.19008	1.19008	0.00627541	0.162518	-6.15315	4.60491	18.9901	3.66568	1
cg14487702	0.0890872	1.43117	1.43117	0.000909785	2.58144	2.58144	0.108177	1.39806	1.39806	0.234734	1.26887	1.26887	4.36733	2.52835	0.514599	1
cg02463440	0.518646	1.70359	1.70359	0.00283621	28.3934	28.3934	0.0270677	8.42128	8.42128	0.268737	2.55445	2.55445	3.43153	36.026	9.33202	1
cg17304084	0.295592	1.22531	1.22531	0.00130887	2.40259	2.40259	0.0111501	1.8148	1.8148	0.512501	1.13251	1.13251	4.21967	2.34545	0.494078	1
cg21471580	0.374976	1.97427	1.97427	0.00303265	20.7902	20.7902	0.0168075	8.8413	8.8413	0.127312	3.42711	3.42711	3.99994	35.3487	7.85539	1
cg02596486	0.029359	0.525969	-1.90125	0.0217789	0.501872	-1.99254	0.966448	1.01059	1.01059	0.28731	1.31865	1.31865	5.77697	5.73523	0.882466	1
cg24872692	0.201543	0.603619	-1.65667	0.172515	0.580747	-1.72192	0.0754238	0.47671	-2.09771	0.263025	0.646123	-1.54769	4.62922	10.2714	1.97229	1
cg07971797	0.48345	0.825778	-1.21098	0.801238	1.07015	1.07015	0.0514074	0.550937	-1.81509	0.00391793	0.352182	-2.83944	10.1438	11.6073	1.01713	1
cg16436762	0.0907578	0.345844	-2.89147	0.00154716	0.0747138	-13.3844	0.248314	0.502754	-1.98904	0.0217364	0.208109	-4.80517	5.21461	26.8138	4.57071	1
cg03456193	0.64745	1.03635	1.03635	0.00225192	1.39311	1.39311	0.00912799	0.773521	-1.29279	0.28893	0.918184	-1.08911	7.75596	0.738539	0.0846418	1
cg24762459	0.90714	1.02972	1.02972	0.00242444	0.346511	-2.88591	0.0140703	2.1401	2.1401	0.0854584	0.620514	-1.61157	9.87708	9.85586	0.886979	1
cg10143752	0.0406297	2.45819	2.45819	0.760978	1.12309	1.12309	0.17132	1.74047	1.74047	0.0504937	0.42824	-2.33514	5.12489	11.75	2.03798	1
cg05714334	0.0929879	0.773678	-1.29253	0.0122587	1.54214	1.54214	1.44E-05	0.285398	-3.50388	0.510244	1.09717	1.09717	17.8568	5.45176	0.271381	1
cg08795170	0.00683312	0.642539	-1.55633	0.462071	0.909813	-1.09913	0.000601242	0.512655	-1.95063	0.105778	0.800068	-1.24989	9.05449	2.28559	0.224379	1
ch.5.1992431R	0.0629094	1.52869	1.52869	0.925675	1.01911	1.01911	0.537243	1.1351	1.1351	0.0485663	1.57936	1.57936	6.29488	4.10188	0.57922	1
cg03330254	0.00438406	0.558974	-1.78899	0.000837268	0.463793	-2.15613	0.263537	0.836791	-1.19504	0.735648	1.05317	1.05317	7.27498	2.69273	0.329009	1
cg10268345	0.211252	2.00449	2.00449	0.0022566	9.55167	9.55167	0.0467239	3.32768	3.32768	0.122073	2.42243	2.42243	11.2889	49.8397	3.92438	1
cg01965047	0.00801238	3.74138	3.74138	0.00297516	4.86838	4.86838	0.0188946	3.01661	3.01661	0.0315989	2.66107	2.66107	6.9981	16.7134	2.12291	1
cg05598886	0.249679	2.12654	2.12654	0.144105	2.67549	2.67549	0.071158	3.53994	3.53994	0.532239	1.487	1.487	6.44346	40.1383	5.53716	1
cg07036112	0.251228	1.94534	1.94534	0.140399	2.41187	2.41187	0.31135	1.78857	1.78857	0.460337	1.51778	1.51778	3.45976	16.8842	4.33792	1
cg21947488	0.0354688	0.645524	-1.54913	0.00086359	2.44505	2.44505	0.667169	0.925575	-1.08041	0.648872	0.921319	-1.0854	7.71629	3.90545	0.449894	1
cg08127858	0.00895631	0.150512	-6.64397	0.0618455	0.301814	-3.3133	0.257549	1.96022	1.96022	0.977318	0.983935	-1.01633	7.56169	38.8615	4.56823	1
cg04623960	0.371051	0.612443	-1.63281	0.912841	1.06019	1.06019	0.0427401	3.47327	3.47327	0.855081	1.10251	1.10251	4.7815	21.5788	4.01153	1
cg04781587	0.476904	0.778924	-1.28382	0.478298	0.77956	-1.28277	0.0399539	2.271	2.271	0.591523	0.829332	-1.20579	4.23449	8.00321	1.68	1
cg19584660	0.350388	1.28325	1.28325	0.0838994	1.64259	1.64259	0.295809	1.32483	1.32483	0.60596	1.14455	1.14455	3.86257	4.11832	0.947746	1
cg06535186	0.157282	0.738625	-1.35387	0.152346	0.735562	-1.3595	0.218799	1.29574	1.29574	0.258006	0.789435	-1.26673	7.66384	4.87057	0.564913	1
cg23228529	0.0265493	0.333079	-3.00229	0.0112977	0.265362	-3.76844	0.623057	0.812894	-1.23017	0.508628	0.755497	-1.32363	5.82933	16.1421	2.46143	1
cg26541218	0.159855	0.337257	-2.9651	0.00232818	0.0460973	-21.6933	0.0824657	0.248558	-4.0232	0.0143142	0.112391	-8.89748	4.52361	37.5251	7.37368	1
cg19049696	0.663271	1.05681	1.05681	0.00262141	1.69129	1.69129	0.148364	1.21598	1.21598	0.718083	0.955301	-1.04679	4.3335	1.09191	0.223973	1
cg11617965	0.0514202	0.628846	-1.59021	0.0468397	1.6096	1.6096	0.277062	0.789417	-1.26676	0.0244127	0.570667	-1.75233	3.46268	2.39939	0.615937	1
cg25767859	0.529769	1.12403	1.12403	0.822657	0.959607	-1.04209	0.703058	0.932072	-1.07288	0.194858	0.777354	-1.28642	3.80566	2.03334	0.474927	1
cg01993124	0.309504	1.13715	1.13715	0.0320083	0.735632	-1.35938	0.0160341	0.697523	-1.43364	0.315542	0.880892	-1.13521	23.8031	5.63006	0.210245	1
cg07602072	0.621434	0.863189	-1.1585	0.176229	1.52956	1.52956	0.161783	1.55515	1.55515	0.479679	1.23661	1.23661	4.34936	6.01754	1.22982	1
cg04833938	0.0163519	1.43566	1.43566	0.000232899	2.12179	2.12179	0.0218938	1.40333	1.40333	0.388237	0.896774	-1.11511	16.1585	3.88465	0.213698	1
cg05274606	0.783558	1.03711	1.03711	0.135311	1.2374	1.2374	0.000550408	0.491686	-2.03382	0.289214	1.1567	1.1567	6.12973	1.69985	0.2465	1
cg23541811	0.00665631	0.328518	-3.04397	0.00216694	0.25652	-3.89833	0.000300786	0.155917	-6.41368	0.0312105	0.449684	-2.22379	10.1601	16.0814	1.40694	1
cg15771244	0.447907	1.1749	1.1749	0.00081903	0.349594	-2.86046	0.369577	1.21171	1.21171	0.270398	0.7873	-1.27016	15.4069	10.5968	0.611371	1
cg17815897	0.283538	1.16475	1.16475	0.781477	1.0388	1.0388	0.00149146	1.87183	1.87183	0.0420928	1.3779	1.3779	4.69857	1.39417	0.263752	1
cg24162030	0.00423074	0.560651	-1.78364	0.000137595	0.369287	-2.70792	0.0498322	0.713154	-1.40222	0.131225	0.781737	-1.2792	15.5534	5.62483	0.321464	1
cg25155149	0.203485	0.706652	-1.41512	0.00252326	0.337974	-2.95881	0.53922	1.17445	1.17445	0.0457422	0.552967	-1.80843	7.99217	8.4699	0.942023	1
cg19380722	0.00241731	0.481426	-2.07716	0.000635747	0.403361	-2.47917	0.00283399	0.49102	-2.03658	0.0490686	0.677886	-1.47517	7.8935	3.74331	0.421536	1
cg01394390	0.0366883	0.600581	-1.66505	0.0990152	0.683941	-1.46211	0.00238251	0.41085	-2.43398	0.561852	0.88409	-1.13111	6.73889	4.70874	0.621103	1
cg04872541	0.0090371	0.279008	-3.58413	0.00694424	0.260902	-3.83286	0.00859033	0.275451	-3.63041	0.607076	0.819112	-1.22083	5.97906	14.0121	2.08313	1
cg10365880	0.114761	0.533662	-1.87385	0.000206077	0.102677	-9.73925	0.342765	0.699156	-1.4303	0.781374	0.90315	-1.10724	5.56459	11.8152	1.88736	1
cg22619549	0.0279092	0.350215	-2.85539	0.000690677	0.123451	-8.10036	0.0035134	0.202152	-4.94676	0.42282	0.718459	-1.39187	5.36647	13.8628	2.29619	1
cg06298666	0.158082	0.509028	-1.96453	0.0161602	0.268022	-3.73104	0.0526094	0.373086	-2.68035	0.0223698	0.29389	-3.40263	3.73188	11.8334	2.81858	1
cg22599822	0.0509945	0.515248	-1.94081	0.0102642	0.380947	-2.62504	0.00520238	0.332851	-3.00434	0.0706344	0.547349	-1.82699	4.2429	5.31564	1.25283	1
cg14697642	0.000226816	13.5027	13.5027	2.08E-05	38.3435	38.3435	0.00016444	15.3045	15.3045	0.00127744	7.3503	7.3503	19.7838	56.5005	2.53857	1
cg00373499	0.000659898	5.23841	5.23841	8.69E-05	9.3443	9.3443	0.000354419	6.17759	6.17759	0.00425954	3.36739	3.36739	17.3145	27.6347	1.4187	1
cg24330204	0.00168163	10.2372	10.2372	0.000130438	31.2255	31.2255	0.00108472	12.1624	12.1624	0.00382138	7.53956	7.53956	12.6362	53.6995	3.77748	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04899300	PKD2L2	0.00168021	0.0631658	3.00208	3.00208	0.026385	3.9951	3.9951	0.00532183	6.90078	6.90078	0.177442	2.12544	2.12544	0.0254618	0.247385	-4.04228
cg21051519	PKD2L2	0.00370835	0.066852	10.4695	10.4695	0.0359485	16.267	16.267	0.018495	26.1954	26.1954	0.132866	6.38222	6.38222	0.110796	0.137238	-7.28663
cg09567674	PKD2L2	0.00632148	0.0571605	3.99792	3.99792	0.00946303	8.31056	8.31056	0.0114639	7.66793	7.66793	0.128976	2.87625	2.87625	0.149176	0.369319	-2.70769
cg07523741	PKD2L2	0.0071548	0.683206	1.11082	1.11082	0.011257	2.2553	2.2553	0.0533272	1.75462	1.75462	0.438795	0.816872	-1.22418	0.303053	1.31424	1.31424
cg05201789	PKD2L2	0.0377016	0.173665	1.39181	1.39181	0.0477159	0.596248	-1.67715	0.00900734	2.13487	2.13487	0.81268	0.947226	-1.05571	0.763377	0.933367	-1.07139
cg17892159	PKDCC	0.0029727	0.254883	1.38435	1.38435	0.00143785	0.283477	-3.52762	0.435549	0.80441	-1.24315	0.000374105	0.210847	-4.74277	0.118197	0.628699	-1.59059
cg00607755	PKDCC	0.00424895	0.0221196	0.511561	-1.9548	0.000811972	0.29121	-3.43395	0.0189483	0.499494	-2.00203	0.0328635	0.543497	-1.83994	0.0312687	0.539394	-1.85393
cg22476504	PKDCC	0.00800783	0.0952862	0.534457	-1.87106	0.0973359	0.536912	-1.8625	0.00145051	0.207459	-4.82022	0.0794582	0.514036	-1.94539	0.521188	1.24892	1.24892
cg08871052	PKDCC	0.0115867	0.0081691	1.49655	1.49655	0.501925	0.922039	-1.08455	0.0677375	0.783704	-1.27599	0.152261	1.20039	1.20039	0.965979	1.00509	1.00509
cg25353287	PKDCC	0.0166783	0.0265312	0.196299	-5.09428	0.318136	0.527894	-1.89432	0.0307249	0.20777	-4.813	0.530431	0.67471	-1.48212	0.672745	0.768712	-1.30088
cg18882156	PKDCC	0.0339391	0.0370867	0.288903	-3.46137	0.0745961	0.361025	-2.76989	0.10962	0.408731	-2.44659	0.483408	0.693957	-1.44101	0.32094	0.590956	-1.69217
cg02775765	PKDREJ	0.0018423	0.550893	0.884708	-1.13032	0.652318	1.09644	1.09644	6.41E-05	0.224912	-4.44618	0.696284	0.923455	-1.08289	0.125882	1.39962	1.39962
cg08315277	PKDREJ	0.00487493	0.00143222	0.516184	-1.93729	0.0224894	1.47999	1.47999	0.0600115	1.35568	1.35568	0.990054	1.00179	1.00179	0.918976	1.0147	1.0147
cg18947974	PKDREJ	0.00623787	0.0282193	0.755156	-1.32423	0.415341	0.913713	-1.09444	0.06911	1.24663	1.24663	0.428402	1.09158	1.09158	0.0163591	1.37451	1.37451
cg06134567	PKDREJ	0.0353719	0.286356	1.54028	1.54028	0.011467	3.43525	3.43525	0.0187391	3.03851	3.03851	0.147474	1.8338	1.8338	0.295899	1.52634	1.52634
cg27079726	PKDREJ	0.0373984	0.0186289	5.88476	5.88476	0.00949062	7.70665	7.70665	0.0977961	3.09157	3.09157	0.296403	1.95962	1.95962	0.016726	6.14038	6.14038
cg10775844	PKHD1	0.000383877	0.0342412	0.588399	-1.69953	0.982982	0.995431	-1.00459	0.730966	0.928578	-1.07691	0.000225848	0.267999	-3.73136	0.00017323	0.254394	-3.93091
cg01776172	PKHD1	0.0264996	0.00186709	0.296397	-3.37386	0.360624	1.29561	1.29561	0.570066	0.853702	-1.17137	0.95993	0.98625	-1.01394	0.950891	1.01712	1.01712
cg00495693	PKHD1;PKHD1	0.00472044	0.451416	1.2115	1.2115	0.155449	1.46243	1.46243	0.196847	1.40662	1.40662	0.0179033	0.48698	-2.05347	0.810593	0.941729	-1.06188
cg14422906	PKHD1;PKHD1	0.00816775	0.566052	1.22907	1.22907	0.781969	1.10367	1.10367	0.0302787	0.404294	-2.47345	0.5227	1.25903	1.25903	0.00309965	0.237193	-4.21598
cg22748481	PKHD1;PKHD1	0.0102705	0.00486363	0.254633	-3.92722	0.138801	1.79286	1.79286	0.526696	0.790554	-1.26494	0.89302	1.05053	1.05053	0.00244651	0.213388	-4.6863
cg07646455	PKHD1;PKHD1	0.0111867	0.256624	1.29169	1.29169	0.236682	0.764899	-1.30736	0.868619	1.03643	1.03643	0.107184	1.46247	1.46247	0.00172744	0.380468	-2.62834
cg24960118	PKHD1;PKHD1	0.0224291	0.287431	0.804975	-1.24227	0.0577433	0.656105	-1.52415	0.000961155	0.380678	-2.62689	0.229135	0.780458	-1.2813	0.0487038	0.64262	-1.55613
cg10596590	PKHD1;PKHD1	0.0276452	0.577399	1.26741	1.26741	0.755974	1.14025	1.14025	0.765891	1.13396	1.13396	0.926357	0.961826	-1.03969	0.112488	0.483145	-2.06977
cg08947151	PKHD1;PKHD1	0.0316467	0.758793	1.0798	1.0798	0.248287	0.740198	-1.35099	0.0599042	0.589115	-1.69746	0.0237462	0.510276	-1.95972	0.00154468	0.321389	-3.1115
cg13362491	PKHD1;PKHD1	0.0342316	0.663385	1.13836	1.13836	0.552551	0.837115	-1.19458	0.00213102	0.278847	-3.5862	0.0932661	0.57908	-1.72688	0.155862	0.63809	-1.56718
cg18885346	PKHD1;PKHD1	0.0440416	0.00257132	0.331381	-3.01768	0.947733	1.01747	1.01747	0.157136	0.670463	-1.49151	0.899285	1.03402	1.03402	0.7851	0.930325	-1.07489
cg09871043	PKHD1;PKHD1;PKHD1;PKHD1	0.000640434	0.0026581	0.339272	-2.94748	0.426969	0.809813	-1.23485	0.00369353	0.360427	-2.77449	0.00672114	0.400872	-2.49456	1.51E-05	0.0970397	-10.3051
cg02130613	PKHD1L1	8.49E-06	7.78E-05	0.378379	-2.64285	5.33E-05	0.35887	-2.78653	0.000430998	0.469133	-2.13159	0.533419	1.08951	1.08951	4.06E-07	0.140524	-7.11621
cg10131657	PKHD1L1	0.000523079	0.598736	1.44582	1.44582	0.400221	0.549983	-1.81824	0.890268	1.10058	1.10058	0.618779	1.41662	1.41662	0.764385	1.23207	1.23207
cg14594459	PKHD1L1	0.000754985	0.435165	0.874447	-1.14358	0.812789	0.960812	-1.04079	0.220938	0.805072	-1.24213	0.40008	0.864896	-1.15621	0.589639	1.09609	1.09609
cg26545268	PKHD1L1	0.00291686	0.933695	0.965721	-1.0355	0.211346	0.575811	-1.73668	0.67786	1.19137	1.19137	0.57749	0.789864	-1.26604	0.115698	0.488318	-2.04784
cg26971030	PKHD1L1	0.00401603	0.446459	0.804428	-1.24312	0.00219226	0.299825	-3.33528	0.0116152	0.412831	-2.4223	0.449118	0.80549	-1.24148	0.00156807	0.279737	-3.57479
cg03668103	PKHD1L1	0.014869	0.361169	0.616341	-1.62248	0.729148	1.19627	1.19627	0.351661	1.63914	1.63914	0.971361	1.01868	1.01868	0.96046	0.974764	-1.02589
cg19906741	PKHD1L1	0.0197417	0.514338	0.774421	-1.29129	0.797438	1.10454	1.10454	0.848758	1.0766	1.0766	0.0376197	2.5405	2.5405	0.743841	1.13514	1.13514
cg15974931	PKHD1L1	0.0251531	0.0537834	2.63299	2.63299	0.210773	1.79136	1.79136	0.885696	1.06566	1.06566	0.264697	1.67187	1.67187	0.0377081	2.90267	2.90267
cg04014062	PKIA;PKIA	0.00038265	0.870647	0.973857	-1.02684	0.265982	0.82827	-1.20734	0.0116818	0.599162	-1.669	0.0608179	1.40993	1.40993	0.149301	1.28576	1.28576
cg17686936	PKIA;PKIA	0.00304625	0.00862963	0.725068	-1.37918	0.0123738	0.741607	-1.34842	0.784888	1.02661	1.02661	0.0311516	0.784418	-1.27483	0.316744	0.905415	-1.10447
cg19598189	PKIA;PKIA	0.0138238	0.0877042	0.681964	-1.46635	0.0470557	0.630311	-1.58652	0.0478585	0.631657	-1.58314	0.313125	1.23599	1.23599	0.00110691	0.376713	-2.65454
cg04689061	PKIA;PKIA	0.0188825	0.370761	0.721796	-1.38543	0.0978798	1.9043	1.9043	0.0884796	1.94769	1.94769	0.601401	0.829477	-1.20558	0.0644784	0.478663	-2.08915
cg12850252	PKIA;PKIA	0.0332026	0.781912	0.945564	-1.05757	0.0983637	0.693756	-1.44143	0.251801	0.785467	-1.27313	0.355294	1.21142	1.21142	0.571853	0.891164	-1.12213
cg13053150	PKIB	0.00916929	0.353572	0.771786	-1.2957	0.68779	1.11587	1.11587	0.0301559	0.500601	-1.9976	0.0315998	0.504581	-1.98184	0.00339911	0.339372	-2.94662
cg27116469	PKIB	0.0159504	0.19153	0.774397	-1.29133	0.0439436	0.65175	-1.53433	0.00146995	0.427881	-2.3371	0.0391935	0.643241	-1.55463	0.0116175	0.55805	-1.79195
cg21606042	PKIB	0.0294263	0.905939	1.0432	1.0432	0.625462	0.838604	-1.19246	0.557217	0.808634	-1.23665	0.0638773	0.474614	-2.10698	0.00627689	0.279715	-3.57507
cg27147807	PKIB;PKIB;PKIB	0.000109167	0.161537	1.16241	1.16241	0.466845	1.07739	1.07739	0.00500642	0.688075	-1.45333	0.107393	0.837864	-1.19351	0.00639612	0.699656	-1.42927
cg06580371	PKIB;PKIB;PKIB	0.00659135	0.620916	0.955481	-1.04659	0.319621	1.09851	1.09851	0.0236402	1.27996	1.27996	0.0455421	0.811011	-1.23303	0.260005	0.898226	-1.11331
cg20242210	PKIB;PKIB;PKIB	0.00663321	0.196673	0.819853	-1.21973	0.2083	1.21292	1.21292	0.063082	1.35556	1.35556	0.807636	1.03613	1.03613	0.00586995	0.59175	-1.6899
cg18865399	PKIB;PKIB;PKIB	0.0249067	0.114673	0.47319	-2.11332	0.818465	0.904594	-1.10547	0.475926	1.37185	1.37185	0.402484	0.688192	-1.45308	0.0877179	0.439533	-2.27514
cg07036370	PKIB;PKIB;PKIB	0.0249752	0.20777	0.391335	-2.55536	0.290388	2.17063	2.17063	0.711769	1.29969	1.29969	0.280074	0.452441	-2.21023	0.0375032	0.181797	-5.50063
cg25724201	PKIB;PKIB;PKIB	0.0259473	0.199961	0.5869	-1.70387	0.0450538	2.47227	2.47227	0.802609	0.906124	-1.1036	0.413876	0.719817	-1.38924	0.619605	1.21769	1.21769
cg08198075	PKIB;PKIB;PKIB	0.0311977	0.0860458	0.454653	-2.19948	0.875746	1.06718	1.06718	0.129067	0.505837	-1.97692	0.0449438	0.384328	-2.60195	0.00342052	0.191521	-5.22137
cg25475789	PKIB;PKIB;PKIB	0.0443928	0.131074	0.681359	-1.46766	0.153726	1.43252	1.43252	0.18896	1.38753	1.38753	0.579108	0.876461	-1.14095	0.624247	0.890309	-1.12321
cg00073780	PKIB;PKIB;PKIB;PKIB;PKIB	0.0286859	0.000909313	0.400584	-2.49635	0.184079	0.771161	-1.29675	0.946015	1.01257	1.01257	0.499278	1.13483	1.13483	0.40188	0.853661	-1.17143
cg09319194	PKIB;PKIB;SERINC1	0.0479324	0.148498	2.13908	2.13908	0.580883	0.76519	-1.30686	0.130717	0.448095	-2.23167	?	?	?	0.0379978	3.37358	3.37358
cg25123614	PKIB;SERINC1	0.0352935	0.276024	0.865533	-1.15536	0.00706351	1.55847	1.55847	0.0297715	1.38534	1.38534	0.346902	0.883874	-1.13138	0.0583803	0.761411	-1.31335
cg07097722	PKIG;PKIG;PKIG	0.0031892	0.421989	1.16996	1.16996	0.0523994	0.655631	-1.52525	0.0699813	0.6786	-1.47362	0.102103	0.710064	-1.40832	0.0257106	0.6023	-1.6603
cg19510931	PKIG;PKIG;PKIG	0.0101325	0.173226	1.41829	1.41829	0.0115116	0.466673	-2.14283	0.508432	0.85064	-1.17558	0.0328583	1.82554	1.82554	0.42477	0.821556	-1.2172
cg14866907	PKIG;PKIG;PKIG	0.02124	0.909994	1.02032	1.02032	0.867228	1.03021	1.03021	0.0284142	0.631251	-1.58416	0.306815	1.20703	1.20703	0.985613	0.996798	-1.00321
cg27467249	PKIG;PKIG;PKIG	0.0450497	0.950433	0.985232	-1.01499	0.00343904	0.386359	-2.58827	0.675599	0.904182	-1.10597	0.526186	1.16615	1.16615	0.666237	0.901358	-1.10944
cg19554235	PKIG;PKIG;PKIG	0.0493959	0.377481	0.707745	-1.41294	0.0106253	3.40864	3.40864	0.249838	1.58258	1.58258	0.194598	1.68838	1.68838	0.0234521	0.355827	-2.81036
cg04897644	PKLR;PKLR	1.04E-05	0.0213628	1.36246	1.36246	0.233475	1.14992	1.14992	0.0896012	0.811164	-1.2328	9.86E-05	2.16688	2.16688	0.00156491	1.66224	1.66224
cg15490880	PKLR;PKLR	3.73E-05	0.000741793	0.378074	-2.64498	0.180394	0.763298	-1.3101	0.000408005	0.344267	-2.90472	3.73E-05	0.222032	-4.50386	6.46E-05	0.248053	-4.03139
cg03314840	PKLR;PKLR	0.000661783	0.0466226	1.49193	1.49193	0.375045	1.17335	1.17335	0.0703443	1.42644	1.42644	0.0138602	1.70563	1.70563	0.000971206	2.3678	2.3678
cg02280309	PKLR;PKLR	0.000752527	0.00571261	0.605245	-1.65222	0.322653	1.15205	1.15205	0.000454865	0.465184	-2.14969	0.315812	0.86615	-1.15453	6.24E-05	0.359884	-2.77867
cg13497187	PKLR;PKLR	0.00108706	0.161221	0.799724	-1.25043	0.778436	1.04303	1.04303	0.0513436	0.717935	-1.39288	0.676245	0.939199	-1.06474	0.00712469	0.595024	-1.6806
cg23923820	PKLR;PKLR	0.0104917	0.613838	1.25475	1.25475	0.0209265	0.289575	-3.45333	0.156123	0.508294	-1.96736	0.0254017	0.305752	-3.27062	0.00538593	0.195117	-5.12514
cg23109894	PKLR;PKLR	0.0339095	0.0258785	0.0400504	-24.9685	0.225938	0.212946	-4.69603	0.0420414	0.0578644	-17.2818	0.0986504	0.110496	-9.05008	0.0154979	0.0270012	-37.0353
cg17283294	PKLR;PKLR	0.0342621	0.0847346	0.367338	-2.72229	0.103715	0.392721	-2.54634	0.0248252	0.245807	-4.06823	0.0492534	0.307595	-3.25103	0.010345	0.183284	-5.45601
cg00764632	PKLR;PKLR;PKLR	4.73E-05	0.46056	0.904936	-1.10505	0.0391671	0.728082	-1.37347	0.000232384	0.443928	-2.25262	1.12E-06	0.185811	-5.38183	0.00226548	0.566696	-1.76461
cg12359077	PKM2;PKM2;PKM2	0.00227002	0.000285626	0.406214	-2.46176	0.227917	0.824925	-1.21223	0.0255285	1.49714	1.49714	0.124583	1.2877	1.2877	0.0928014	1.32477	1.32477
cg25016070	PKM2;PKM2;PKM2	0.00549842	0.00376977	0.193449	-5.16933	0.328573	1.52765	1.52765	0.512173	0.756281	-1.32226	0.105112	0.475156	-2.10457	0.000373257	0.0914802	-10.9313
cg00171565	PKM2;PKM2;PKM2	0.0295034	0.0511108	0.730228	-1.36943	0.0476752	1.37783	1.37783	0.0740806	1.32541	1.32541	0.0650296	0.745863	-1.34073	0.287533	0.855313	-1.16916
cg09651136	PKM2;PKM2;PKM2	0.0397848	0.108231	0.482802	-2.07124	0.284509	0.63004	-1.5872	0.0722707	0.434507	-2.30146	0.664191	0.834012	-1.19902	0.00181904	0.158547	-6.30728
cg22171725	PKM2;PKM2;PKM2;PKM2;PKM2;PKM2	0.0275757	0.0364906	1.21802	1.21802	0.549437	0.952043	-1.05037	0.544452	0.951444	-1.05103	0.0316472	1.22682	1.22682	0.00382979	1.37206	1.37206
cg10106095	PKMYT1;PKMYT1	4.80E-06	0.0190949	0.69414	-1.44063	0.618321	0.9374	-1.06678	0.00866059	0.650057	-1.53833	0.0510228	1.33114	1.33114	4.39E-08	0.0844902	-11.8357
cg16761550	PKMYT1;PKMYT1	0.0119321	0.0289637	0.459134	-2.17801	0.537104	0.827834	-1.20797	0.0308381	0.464602	-2.15238	0.0775304	0.55256	-1.80976	0.039887	0.487656	-2.05063
cg03946731	PKMYT1;PKMYT1	0.0185303	?	?	?	0.203436	0.668693	-1.49545	0.0726652	0.548635	-1.82271	0.264973	1.41661	1.41661	0.000614618	0.205737	-4.86057
cg14005217	PKMYT1;PKMYT1	0.026789	0.00841418	0.370724	-2.69742	0.0761071	0.55882	-1.78949	0.0344097	0.483131	-2.06983	0.148877	0.633527	-1.57847	0.0102869	0.385412	-2.59462
cg01988500	PKMYT1;PKMYT1	0.033543	0.0382796	1.30076	1.30076	0.347107	1.11186	1.11186	0.185606	1.16616	1.16616	0.0125618	1.4049	1.4049	0.479049	1.082	1.082
cg02363934	PKMYT1;PKMYT1	0.0496654	0.0203754	0.516539	-1.93596	0.44042	0.830344	-1.20432	0.921188	0.976886	-1.02366	0.239507	0.747476	-1.33784	0.00415179	0.403348	-2.47925
cg00319761	PKMYT1;PKMYT1;PKMYT1;PKMYT1	0.00496543	0.371745	0.820411	-1.2189	0.0210283	1.82052	1.82052	0.00663212	0.467404	-2.13948	0.0673632	0.642469	-1.5565	0.0673108	0.642402	-1.55666
cg03626511	PKN1	0.0281041	0.244862	1.34933	1.34933	0.00339207	2.66718	2.66718	0.0489587	0.574829	-1.73965	0.784243	0.934641	-1.06993	0.444493	0.825322	-1.21165
cg13335329	PKN1;PKN1	2.50E-05	0.179795	0.814288	-1.22807	0.00363074	1.76391	1.76391	7.07E-06	0.238735	-4.18874	0.109394	0.777466	-1.28623	6.82E-06	0.237118	-4.21732
cg13964781	PKN1;PKN1	6.76E-05	2.17E-05	0.112294	-8.90516	0.0687902	1.68473	1.68473	0.0392869	0.542941	-1.84182	0.00402974	0.371827	-2.68942	8.75E-06	0.0844183	-11.8458
cg24923818	PKN1;PKN1	0.0103417	0.973054	1.02945	1.02945	0.00858158	0.0560797	-17.8318	0.0699711	0.175318	-5.70393	0.0334115	0.118123	-8.46573	0.00124597	0.0173678	-57.5777
cg16192293	PKN1;PKN1	0.0122781	0.00575589	0.779906	-1.28221	0.373786	1.06472	1.06472	0.0317787	0.84124	-1.18872	0.369209	1.0654	1.0654	0.0473898	0.855722	-1.1686
cg25590335	PKN1;PKN1	0.0389484	0.0710314	2.06931	2.06931	0.0925534	1.94932	1.94932	0.766198	0.898053	-1.11352	0.0641383	2.1173	2.1173	0.20648	0.618492	-1.61684
cg17904367	PKN1;PKN1	0.0407817	0.0281238	0.529044	-1.8902	0.146944	0.682371	-1.46548	0.341805	0.786243	-1.27187	0.308542	0.772003	-1.29533	0.00894269	0.44199	-2.26249
cg25140444	PKN2	0.00116817	0.000174211	0.0656809	-15.2251	0.152098	0.519061	-1.92656	0.131127	0.498244	-2.00705	0.874896	0.934876	-1.06966	9.19E-05	0.0505274	-19.7913
cg16150112	PKN2	0.00139819	0.136279	0.832883	-1.20065	9.55E-05	0.453226	-2.20641	0.458344	1.08983	1.08983	0.363583	1.11223	1.11223	0.0854768	0.805284	-1.2418
cg10509014	PKN2	0.0250306	0.0680495	0.334753	-2.98727	0.269371	0.540102	-1.8515	0.0210132	0.226109	-4.42265	0.673628	0.797032	-1.25466	0.00990999	0.174675	-5.7249
cg04122329	PKN2	0.0448253	0.00890019	0.658692	-1.51816	0.655926	1.05786	1.05786	0.167881	1.20245	1.20245	0.336276	0.883062	-1.13242	0.944845	0.991359	-1.00872
cg24738475	PKN2	0.0478536	0.831189	0.972078	-1.02872	0.771771	0.962154	-1.03934	0.0617426	0.756461	-1.32195	0.104855	0.790481	-1.26505	0.00577315	1.61576	1.61576
cg01077609	PKN2;PKN2	0.00529467	0.0560456	0.544113	-1.83786	0.781614	0.924827	-1.08128	0.834653	0.942914	-1.06054	0.000105819	0.145867	-6.85554	0.936767	0.977934	-1.02256
cg09070697	PKN2;PKN2	0.0231569	0.0256901	0.271021	-3.68975	0.199604	1.94973	1.94973	0.0125041	0.216346	-4.62222	0.0176148	0.241033	-4.14881	0.0505278	0.333536	-2.99817
cg07950002	PKN3	1.48E-05	0.00265697	0.361706	-2.76467	0.00398224	2.57831	2.57831	0.371849	1.25147	1.25147	0.353557	1.26305	1.26305	0.00998474	0.45117	-2.21646
cg14361672	PKN3	0.000836677	0.00104344	0.10181	-9.82217	0.401626	0.667568	-1.49797	0.00453042	0.168557	-5.93272	0.130212	0.463272	-2.15856	0.000114806	0.0413694	-24.1725
cg13548833	PKN3	0.0414434	0.131384	0.459045	-2.17844	0.0151191	0.240018	-4.16635	0.270992	0.578188	-1.72954	0.116288	0.442244	-2.26119	0.0205991	0.26365	-3.7929
cg14204415	PKN3;PKN3	0.00315526	0.0928187	0.680194	-1.47017	0.464953	1.16763	1.16763	0.681282	1.08987	1.08987	0.0101211	0.508604	-1.96617	8.10E-05	0.227257	-4.40031
cg02517232	PKNOX1	0.00392713	0.00998115	0.505625	-1.97775	0.45015	0.851039	-1.17503	0.00358828	0.437495	-2.28574	0.0282265	0.580954	-1.72131	0.000783464	0.344881	-2.89955
cg09061973	PKNOX1	0.01197	0.000784117	0.342853	-2.9167	0.328859	0.808609	-1.23669	0.378364	0.826524	-1.20989	0.00171468	0.389246	-2.56907	0.0891186	0.673527	-1.48472
cg11513641	PKNOX1	0.0189772	0.497456	0.909104	-1.09998	0.0215055	0.682471	-1.46526	0.27701	0.85521	-1.1693	0.0922808	0.77388	-1.29219	0.339486	0.872672	-1.14591
cg22211719	PKNOX1	0.019881	0.266024	1.16425	1.16425	0.287758	1.15584	1.15584	0.0449075	1.3526	1.3526	0.0375393	0.728595	-1.3725	0.00778023	0.63865	-1.5658
cg15157241	PKNOX1	0.0300183	0.0472979	0.247926	-4.03346	0.882081	1.0955	1.0955	0.956094	1.03441	1.03441	0.866065	1.1093	1.1093	0.019068	0.174882	-5.71814
cg01169738	PKNOX1	0.0489813	0.0324401	1.74976	1.74976	0.11634	0.682989	-1.46415	0.0456471	0.599281	-1.66867	0.142335	1.42247	1.42247	0.931612	1.01936	1.01936
cg13026772	PKNOX2	1.86E-05	0.0320915	0.773351	-1.29307	0.0689609	0.811931	-1.23163	0.000150281	0.513597	-1.94705	0.858071	1.01849	1.01849	3.59E-06	0.328738	-3.04194
cg15712304	PKNOX2	0.000130328	9.07E-05	0.134259	-7.44828	0.00263437	0.319436	-3.13052	9.47E-05	0.136133	-7.34573	0.10865	0.630678	-1.58559	1.11E-05	0.0628235	-15.9176
cg19248829	PKNOX2	0.000871176	0.0283222	0.808738	-1.23649	0.113241	0.868196	-1.15181	0.0168824	1.27	1.27	0.508878	0.946531	-1.05649	0.711816	1.03089	1.03089
cg08148209	PKNOX2	0.00316855	0.00927495	0.399466	-2.50334	0.0047421	2.83641	2.83641	0.0046821	2.8433	2.8433	0.125083	1.58638	1.58638	0.437719	1.24611	1.24611
cg12577455	PKNOX2	0.00387372	0.0117767	2.30924	2.30924	0.000246924	5.0049	5.0049	0.0324523	1.94663	1.94663	0.0573354	1.7718	1.7718	0.0781109	0.594072	-1.6833
cg15269516	PKNOX2	0.00713701	0.00739569	0.315701	-3.16755	0.00119047	0.204448	-4.89121	0.158552	0.604383	-1.65458	0.0364453	0.443805	-2.25324	0.00916918	0.331039	-3.0208
cg07747661	PKNOX2	0.0131914	0.849072	1.04223	1.04223	0.0334865	1.71485	1.71485	0.0736996	0.648663	-1.54163	0.167245	1.37662	1.37662	0.0732513	0.648127	-1.54291
cg01519094	PKNOX2	0.0166188	0.0230898	0.325634	-3.07093	0.29236	0.63689	-1.57013	0.735943	0.869549	-1.15002	0.338434	0.665302	-1.50308	0.00511935	0.217096	-4.60626
cg23909657	PKNOX2	0.0171582	0.99017	1.00161	1.00161	0.761914	1.04046	1.04046	0.564818	1.07892	1.07892	0.0490567	1.34081	1.34081	0.354514	0.883091	-1.13239
cg15113009	PKNOX2	0.0283883	0.0226698	0.470247	-2.12654	0.769849	1.08451	1.08451	0.0480075	0.535225	-1.86837	0.109706	0.617414	-1.61966	0.00227953	0.307285	-3.25431
cg08738386	PKNOX2	0.0286716	0.638484	0.89661	-1.11531	0.987289	0.996333	-1.00368	0.060012	0.61305	-1.63119	0.606475	1.12731	1.12731	0.000576225	0.292706	-3.4164
cg22041190	PKNOX2	0.0333258	0.0658814	0.477111	-2.09595	0.00313721	0.235014	-4.25506	0.0344071	0.41281	-2.42242	0.115627	0.541549	-1.84655	0.180229	0.600315	-1.66579
cg15115522	PKNOX2	0.0345225	0.0381075	0.431439	-2.31783	0.720184	0.881798	-1.13405	0.64318	1.17721	1.17721	0.869591	0.944158	-1.05914	0.000908469	0.17639	-5.66926
cg12407459	PKNOX2	0.0351407	0.232264	0.854379	-1.17044	0.106925	1.24746	1.24746	0.0527877	1.31858	1.31858	0.650476	0.944306	-1.05898	0.708362	1.04834	1.04834
cg05302441	PKNOX2	0.0391032	0.0441587	0.535739	-1.86658	0.670928	1.12227	1.12227	0.213653	0.702262	-1.42397	0.470582	1.21911	1.21911	0.00361668	0.345407	-2.89514
cg04164023	PKNOX2	0.0444553	0.376003	0.802666	-1.24585	0.246327	1.34089	1.34089	0.272736	1.3181	1.3181	0.631799	1.12391	1.12391	0.163867	1.43254	1.43254
cg14547895	PKNOX2	0.0496131	0.0433982	0.199215	-5.01969	0.00794681	0.0940778	-10.6295	0.0236402	0.153111	-6.5312	0.146101	0.338353	-2.9555	0.027091	0.162472	-6.15491
cg20869257	PKP1;PKP1	0.00124422	0.0154508	3.07635	3.07635	0.022064	2.82444	2.82444	0.43978	1.34715	1.34715	0.270058	1.54395	1.54395	0.00522849	4.02833	4.02833
cg09009380	PKP1;PKP1	0.00366947	0.0183704	3.65114	3.65114	0.00508329	5.34542	5.34542	0.214967	1.80548	1.80548	0.16203	1.96556	1.96556	0.00879313	4.52754	4.52754
cg27571196	PKP1;PKP1	0.00549931	0.0585618	2.44726	2.44726	0.0336063	2.82783	2.82783	0.407725	1.42572	1.42572	0.090382	2.1848	2.1848	0.00625746	4.44648	4.44648
cg07972385	PKP1;PKP1	0.0215188	0.495071	0.921806	-1.08483	0.0181001	0.713651	-1.40125	0.466001	0.916504	-1.0911	0.717354	1.04365	1.04365	0.247099	0.867421	-1.15284
cg05184311	PKP1;PKP1	0.0282917	0.201144	1.89196	1.89196	0.0544798	2.80233	2.80233	0.803252	0.888785	-1.12513	0.083503	2.47136	2.47136	0.222131	1.83311	1.83311
cg19570545	PKP1;PKP1	0.028634	0.0576193	5.76989	5.76989	0.0332138	7.63027	7.63027	0.102814	4.29311	4.29311	0.177514	3.22161	3.22161	0.360654	2.15362	2.15362
cg01022117	PKP1;PKP1	0.0298983	0.762814	1.22569	1.22569	0.716502	1.27788	1.27788	0.371718	0.539751	-1.85271	0.0657656	4.00775	4.00775	0.00121636	0.0414396	-24.1315
cg22606205	PKP1;PKP1;PKP1;PKP1	0.0330953	0.0856216	11.3272	11.3272	0.0968814	10.2575	10.2575	0.25152	4.62003	4.62003	0.210019	5.40654	5.40654	0.063921	14.3007	14.3007
cg26084259	PKP2;PKP2	7.44E-06	1.06E-06	0.093051	-10.7468	0.118321	0.729368	-1.37105	4.25E-06	0.138343	-7.22841	0.496526	0.879427	-1.1371	0.26704	0.806382	-1.24011
cg14230071	PKP2;PKP2	6.59E-05	9.81E-06	0.202257	-4.94419	0.536848	0.9002	-1.11086	0.000422847	0.391011	-2.55747	0.257178	1.21995	1.21995	0.697133	1.06796	1.06796
cg27458987	PKP2;PKP2	0.000296356	0.563462	0.826716	-1.2096	0.614168	0.847366	-1.18013	0.471555	0.787725	-1.26948	0.637628	1.16716	1.16716	0.0757979	0.525253	-1.90384
cg01851399	PKP2;PKP2	0.000302426	0.000125458	13.8239	13.8239	0.910258	0.956641	-1.04532	0.207881	1.68549	1.68549	0.00110012	6.63159	6.63159	0.204371	0.590637	-1.69309
cg19677302	PKP2;PKP2	0.00228085	5.83E-05	0.146363	-6.83233	0.0909571	0.618494	-1.61683	0.00827426	0.41842	-2.38994	0.142196	0.665556	-1.5025	0.139017	0.663055	-1.50817
cg16596523	PKP2;PKP2	0.00275233	0.00288287	2.25593	2.25593	0.434624	0.853633	-1.17146	0.747667	1.06618	1.06618	0.0393881	0.623065	-1.60497	0.714909	1.07554	1.07554
cg03302287	PKP2;PKP2	0.0356373	0.225293	0.844583	-1.18402	0.0399035	0.729768	-1.3703	0.757159	0.959696	-1.042	0.277723	0.860951	-1.16151	0.50035	1.09498	1.09498
cg16785912	PKP2;PKP2	0.0451102	0.97017	1.02117	1.02117	0.0630384	3.22768	3.22768	0.683216	1.25849	1.25849	0.158735	2.32598	2.32598	0.0271577	0.230997	-4.32905
cg20268054	PKP3	6.78E-05	0.530805	0.911412	-1.0972	0.00130794	0.504762	-1.98113	0.000804854	0.477664	-2.09352	0.0410402	1.41122	1.41122	0.000405828	0.439946	-2.273
cg10517281	PKP3	0.000131222	0.0334884	0.748079	-1.33676	0.000698642	0.546561	-1.82962	0.000121621	0.456561	-2.19029	0.013264	0.698663	-1.43131	0.110329	0.816021	-1.22546
cg17840408	PKP3	0.000412421	0.334197	0.845199	-1.18315	0.35284	1.17519	1.17519	0.991356	0.998172	-1.00183	0.641702	0.92392	-1.08234	0.000186449	0.344664	-2.90138
cg01794156	PKP3	0.000652021	0.329199	0.806758	-1.23953	0.613488	1.11473	1.11473	0.418693	0.838445	-1.19268	0.182495	0.739569	-1.35214	0.000595825	0.322993	-3.09605

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04899300	0.00467793	7.22791	7.22791	0.000630653	15.8545	15.8545	0.00106162	12.7537	12.7537	0.00891019	5.75743	5.75743	10.1421	44.4462	3.89543	1
cg21051519	0.0194601	25.2486	25.2486	0.000475046	529.742	529.742	0.00285997	108.97	108.97	0.00751567	51.0303	51.0303	8.03337	166.239	18.3943	1
cg09567674	0.00666068	9.65286	9.65286	0.00682105	9.55444	9.55444	0.00259766	14.6886	14.6886	0.0191573	6.20511	6.20511	6.82807	44.8452	5.83802	1
cg07523741	0.112269	1.55721	1.55721	0.000256749	4.6721	4.6721	0.00952727	2.319	2.319	0.134936	1.51104	1.51104	6.57012	6.82712	0.923659	1
cg05201789	0.874287	1.03682	1.03682	0.0089999	2.13513	2.13513	0.362019	1.23861	1.23861	0.626637	0.894074	-1.11848	3.76397	3.10955	0.734343	1
cg17892159	0.0964382	0.606922	-1.64766	0.145511	1.53357	1.53357	0.263066	1.37605	1.37605	0.0769304	1.71281	1.71281	8.5814	10.1729	1.05374	1
cg00607755	0.0333965	0.544829	-1.83544	0.000434501	0.256961	-3.89163	0.00997175	0.451615	-2.21428	0.139845	0.678361	-1.47414	7.71064	7.28785	0.840148	1
cg22476504	0.0676244	0.496654	-2.01347	0.00090774	0.183383	-5.45307	0.0144583	0.356935	-2.80163	0.0623303	0.488115	-2.0487	6.3422	11.7371	1.64501	1
cg08871052	0.0262914	0.730613	-1.36871	0.00615582	0.653356	-1.53056	0.0250057	0.727884	-1.37385	0.406258	0.903759	-1.10649	5.63714	1.26646	0.199702	1
cg25353287	0.059889	0.26863	-3.7226	0.000534235	0.0355446	-28.1336	0.0433248	0.237184	-4.21614	0.871082	1.10579	1.10579	5.00131	30.3643	5.39669	1
cg18882156	0.151024	0.454149	-2.20192	0.0018718	0.104078	-9.60819	0.00965003	0.186351	-5.36622	0.262697	0.549361	-1.8203	3.91037	16.2949	3.70408	1
cg02775765	0.469914	0.861364	-1.16095	0.036848	0.611269	-1.63594	0.145645	0.728215	-1.37322	0.00120471	0.381861	-2.61875	9.87499	6.44524	0.580163	1
cg08315277	0.0563632	1.36328	1.36328	0.00728053	1.64288	1.64288	0.678503	0.941968	-1.06161	0.0283263	0.689852	-1.44959	7.39552	2.40943	0.289596	1
cg18947974	0.0666478	1.24968	1.24968	0.000766089	1.73741	1.73741	0.0911283	0.817348	-1.22347	0.52391	0.932389	-1.07251	6.85627	1.27565	0.165382	1
cg06134567	0.0616789	2.27307	2.27307	0.147864	1.83258	1.83258	0.0263304	2.79492	2.79492	0.00436168	4.41855	4.41855	3.85236	9.28718	2.14291	1
cg27079726	0.926155	0.944024	-1.05929	0.0282572	5.00027	5.00027	0.0322138	4.75244	4.75244	0.0907993	3.18263	3.18263	3.77508	23.0854	5.43574	1
cg10775844	0.910822	0.976234	-1.02434	7.81E-05	0.215556	-4.63917	0.0432494	0.607032	-1.64736	0.000753096	0.33384	-2.99545	15.3735	11.2222	0.648861	1
cg01776172	0.746705	1.09341	1.09341	0.0177453	0.451808	-2.21333	0.371057	0.776386	-1.28802	0.0164361	0.445781	-2.24326	4.26956	5.13496	1.06906	1
cg00495693	0.580838	1.14965	1.14965	0.000279989	4.41828	4.41828	0.0407799	1.80497	1.80497	0.00782187	2.34815	2.34815	7.46841	7.39596	0.880266	1
cg14422906	0.0226912	0.379131	-2.63761	0.00118724	0.184494	-5.42022	0.0180579	0.360171	-2.77646	0.342862	0.706482	-1.41546	6.30283	12.6197	1.77977	1
cg22748481	0.0330845	0.401335	-2.49168	0.0527265	0.44627	-2.2408	0.26695	0.654585	-1.52769	0.00713359	0.279935	-3.57226	5.86033	12.4597	1.88988	1
cg07646455	0.0917898	1.49372	1.49372	0.0766074	1.53075	1.53075	0.0085685	2.06455	2.06455	0.825094	1.04901	1.04901	5.7015	4.21945	0.657832	1
cg24960118	0.202907	0.767961	-1.30215	0.00873766	0.518846	-1.92735	0.0468158	0.639529	-1.56365	0.402785	0.845206	-1.18314	4.52383	2.76406	0.543111	1
cg10596590	0.160905	1.87852	1.87852	0.00110067	7.58214	7.58214	0.377317	0.682911	-1.46432	0.0496571	2.5671	2.5671	4.20662	11.8089	2.49529	1
cg08947151	0.148658	0.679686	-1.47127	0.076023	0.611319	-1.63581	0.8764	1.03956	1.03956	0.0912036	0.628946	-1.58996	4.00977	3.94572	0.874691	1
cg13362491	0.669922	0.880841	-1.13528	0.450179	0.79638	-1.25568	0.00561355	0.340998	-2.93257	0.237843	0.693587	-1.44178	3.89828	5.40583	1.23264	1
cg18885346	0.400797	0.796727	-1.25514	0.428441	1.23814	1.23814	0.039929	0.533935	-1.87289	0.029256	0.507291	-1.97125	3.55401	3.92989	0.982897	1
cg09871043	0.05371	0.565673	-1.7678	0.430052	0.810998	-1.23305	0.0179675	0.473411	-2.11233	0.00341555	0.355329	-2.8143	13.3388	14.2899	0.952268	1
cg02130613	0.879251	0.979552	-1.02088	1.40E-05	0.291863	-3.42626	0.494221	0.90997	-1.09894	0.000906568	0.509416	-1.96303	42.3291	12.382	0.260016	1
cg10131657	0.000167588	0.0116991	-85.4769	0.222768	0.410858	-2.43393	0.00123086	26.6049	26.6049	0.00015583	89.6077	89.6077	14.1126	107.742	6.78616	1
cg14594459	0.107824	0.744031	-1.34403	0.0350649	0.661157	-1.5125	0.00941551	1.74131	1.74131	1.95E-05	4.30481	4.30481	12.7378	5.72796	0.399717	1
cg26545268	0.290837	0.631603	-1.58327	0.943003	1.03043	1.03043	0.00235525	5.92222	5.92222	0.000134986	15.9755	15.9755	8.62981	24.0162	2.47372	1
cg26971030	0.00074928	0.238299	-4.1964	0.215432	1.44145	1.44145	0.669464	0.886543	-1.12798	0.323712	0.751389	-1.33087	7.84303	9.7689	1.10716	1
cg03668103	0.875879	0.922574	-1.08392	0.564507	0.740597	-1.35026	0.00987105	5.37134	5.37134	0.000453605	17.2716	17.2716	5.19574	21.8731	3.74206	1
cg19906741	0.165939	0.564878	-1.77029	0.611856	0.820516	-1.21874	0.127837	1.88972	1.88972	0.000645928	7.56389	7.56389	4.72538	11.1846	2.10394	1
cg15974931	0.348003	1.53294	1.53294	0.00214365	6.72758	6.72758	0.00866712	4.38982	4.38982	0.0190871	3.50513	3.50513	4.34799	13.46	2.75172	1
cg04014062	0.574257	0.911858	-1.09666	5.22E-06	0.186155	-5.37186	0.811438	0.961894	-1.03962	0.531044	0.901995	-1.10865	15.3871	6.43943	0.371996	1
cg17686936	0.101718	1.18767	1.18767	0.000151045	0.535579	-1.86714	0.890925	0.986914	-1.01326	0.0218424	0.767842	-1.30235	8.51935	1.24351	0.129745	1
cg19598189	0.519061	1.14196	1.14196	0.563621	0.888199	-1.12587	0.168327	1.34733	1.34733	0.0301444	0.595828	-1.67834	5.32198	3.47606	0.58058	1
cg04689061	0.502814	0.78567	-1.2728	0.00307048	0.237439	-4.21161	0.00974758	0.313636	-3.1884	0.337062	0.703928	-1.4206	4.7971	9.55947	1.77134	1
cg12850252	0.00116407	0.382191	-2.6165	0.0743655	0.669644	-1.49333	0.506653	1.14556	1.14556	0.454607	1.16606	1.16606	3.94137	2.53957	0.572743	1
cg13053150	0.0111288	0.421584	-2.37201	0.0024723	0.319142	-3.1334	0.0281142	0.494685	-2.02149	0.00895186	0.405627	-2.46532	6.07631	7.08844	1.03695	1
cg27116469	0.0602416	0.675794	-1.47974	0.849789	1.03568	1.03568	0.0211631	0.599002	-1.66944	0.568879	1.11234	1.11234	5.07623	2.74868	0.481315	1
cg21606042	0.500083	0.782765	-1.27752	0.00316463	0.236285	-4.23217	0.851956	1.06913	1.06913	0.0211944	0.371066	-2.69494	4.11492	8.34337	1.8023	1
cg27147807	0.0144221	0.738191	-1.35466	1.75E-05	0.412775	-2.42263	6.67E-05	2.08701	2.08701	0.634587	0.952943	-1.04938	21.6268	3.47115	0.142669	1
cg06580371	0.0317073	1.25866	1.25866	0.0276908	0.78838	-1.26842	0.118522	1.16743	1.16743	0.00127061	1.53648	1.53648	6.74011	0.890833	0.117484	1
cg20242210	0.579652	0.921815	-1.08482	0.000443309	0.446232	-2.24099	0.676508	1.06296	1.06296	0.10356	0.771789	-1.29569	6.72687	2.25577	0.298078	1
cg18865399	0.0783209	0.426138	-2.34666	0.367724	0.667951	-1.49712	0.0014915	7.37137	7.37137	0.957617	1.02345	1.02345	4.3629	13.144	2.67794	1
cg07036370	0.0917033	0.269397	-3.71199	0.00238894	0.050294	-19.8831	0.0673615	4.25385	4.25385	0.225517	0.406962	-2.45723	4.35874	34.4399	7.02342	1
cg25724201	0.0153119	0.309834	-3.22753	0.897295	1.05214	1.05214	0.00344183	4.77655	4.77655	0.868026	0.936642	-1.06764	4.30112	10.5523	2.18078	1
cg08198075	0.0144206	0.285639	-3.50092	0.712205	0.8573	-1.16645	0.0302514	0.346936	-2.88238	0.0446139	0.383598	-2.6069	4.03028	11.0217	2.43087	1
cg25475789	0.897539	0.970136	-1.03078	0.00607217	0.43033	-2.3238	0.0409984	1.74196	1.74196	0.264536	0.760576	-1.31479	3.54349	3.1083	0.779722	1
cg00073780	0.248306	0.800462	-1.24928	0.551054	1.11766	1.11766	0.305916	1.21591	1.21591	0.180698	1.29968	1.29968	4.15218	2.23653	0.478791	1
cg09319194	0.311247	0.602179	-1.66064	0.0082932	0.169641	-5.89479	0.562642	1.32448	1.32448	0.509492	0.724958	-1.37939	4.22632	12.9589	2.29967	1
cg25123614	0.381223	1.12127	1.12127	0.247187	0.857096	-1.16673	0.264042	1.15994	1.15994	0.500601	0.916558	-1.09104	3.85546	0.991777	0.228658	1
cg07097722	0.594233	0.90222	-1.10838	0.000156904	3.44826	3.44826	0.205487	1.29125	1.29125	0.63153	0.911678	-1.09688	8.40391	4.87448	0.515577	1
cg19510931	0.667816	0.901132	-1.10972	0.0012346	0.32014	-3.12363	0.33399	1.2716	1.2716	0.0581501	0.596704	-1.67587	5.88578	5.42018	0.818574	1
cg14866907	0.251015	0.807907	-1.23777	0.00768072	0.543738	-1.83912	0.0158001	0.591017	-1.692	0.00468331	0.512419	-1.95153	4.6091	2.30901	0.445304	1
cg27467249	0.828247	0.94933	-1.05337	0.0261491	1.88045	1.88045	0.150471	1.44607	1.44607	0.360738	1.25215	1.25215	3.52407	3.19683	0.806348	1
cg19554235	0.918741	1.03972	1.03972	0.0740283	0.467673	-2.13825	0.708959	1.15387	1.15387	0.936025	0.969822	-1.03112	3.40381	7.85492	2.05127	1
cg04897644	0.000543275	1.82425	1.82425	2.16E-07	5.7637	5.7637	0.521626	1.07534	1.07534	9.03E-05	2.18813	2.18813	40.1459	7.95152	0.176058	1
cg15490880	0.00647839	0.510645	-1.95831	0.000837146	0.385058	-2.59701	4.92E-06	0.138151	-7.23845	4.96E-05	0.235357	-4.24887	28.7528	16.4197	0.507613	1
cg03314840	0.00595486	1.88027	1.88027	2.05E-05	4.53024	4.53024	0.00785997	1.82001	1.82001	0.00175616	2.1871	2.1871	13.2171	6.45377	0.434036	1
cg02280309	0.00104155	0.510379	-1.95933	0.038322	0.717084	-1.39454	0.0146128	0.659274	-1.51682	0.0351996	0.711851	-1.40479	12.7495	3.8762	0.270247	1
cg13497187	0.00725943	1.67748	1.67748	4.24E-05	0.312592	-3.19906	0.502499	0.903347	-1.10699	0.0224413	0.664669	-1.50451	11.4909	4.06006	0.31407	1
cg23923820	0.557574	1.30281	1.30281	0.00121409	0.120945	-8.26823	0.0933845	0.439074	-2.27752	0.0279157	0.313918	-3.18555	5.8204	18.3369	2.8004	1
cg23109894	0.039628	0.0553358	-18.0715	0.00616371	0.0129595	-77.1634	0.0443945	0.0602948	-16.5852	0.0334278	0.0486498	-20.5551	3.9116	91.6625	20.8298	1
cg17283294	0.0312414	0.265094	-3.77225	0.00727635	0.162279	-6.16224	0.203097	0.493733	-2.02539	0.034893	0.274861	-3.6382	3.89703	17.0307	3.8846	1
cg00764632	0.394552	0.890524	-1.12293	6.93E-05	0.380413	-2.62872	0.00422617	0.600944	-1.66405	0.0109895	0.654267	-1.52843	27.0137	7.56357	0.24888	1
cg12359077	0.541328	1.09859	1.09859	0.952667	0.991014	-1.00907	0.00186401	0.511069	-1.95668	0.0926547	0.754734	-1.32497	9.29165	3.40306	0.325555	1
cg25016070	0.332682	0.6571	-1.52184	0.00745495	0.235071	-4.25403	0.0327032	0.34991	-2.85787	0.0349497	0.356048	-2.80861	7.12819	19.9339	2.48577	1
cg00171565	0.290959	0.856332	-1.16777	0.0163668	0.660124	-1.51487	0.0476351	0.725723	-1.37794	0.501556	0.907976	-1.10135	4.11111	1.30422	0.281993	1
cg09651136	0.114288	0.489787	-2.0417	0.010893	0.264947	-3.77435	0.491378	0.747946	-1.337	0.227935	0.59103	-1.69196	3.69046	10.0922	2.43082	1
cg22171725	0.478705	0.943239	-1.06018	0.307288	1.08954	1.08954	0.0789171	0.853589	-1.17152	0.695459	0.968583	-1.03244	4.21035	0.439015	0.0926849	1
cg10106095	0.236527	1.17307	1.17307	0.11797	1.24419	1.24419	0.0606216	0.76166	-1.31292	0.908096	1.01497	1.01497	49.0596	12.8702	0.23319	1
cg16761550	0.661048	1.1427	1.1427	0.00109042	0.232955	-4.29267	0.00411688	0.312418	-3.20084	0.0607156	0.527689	-1.89506	5.58377	8.08298	1.28674	1
cg03946731	0.541156	0.830737	-1.20375	0.339143	1.3436	1.3436	0.331967	0.740785	-1.34992	0.687072	0.885682	-1.12907	4.91646	6.21998	1.26513	1
cg14005217	0.15833	0.641047	-1.55995	0.00979271	0.381777	-2.61933	0.0152428	0.415355	-2.40758	0.0650343	0.542901	-1.84196	4.25335	5.85614	1.22385	1
cg01988500	0.821553	0.975562	-1.02505	0.0152946	0.721716	-1.38559	0.366506	0.903387	-1.10695	0.089368	1.2277	1.2277	3.92694	0.745978	0.168857	1
cg02363934	0.0952341	1.54214	1.54214	0.56384	0.871205	-1.14784	0.945454	0.983962	-1.0163	0.640924	1.11739	1.11739	3.39679	3.00395	0.78609	1
cg00319761	0.00452785	0.441998	-2.26245	0.00112927	0.355466	-2.8132	0.567573	1.13282	1.13282	0.661793	0.909365	-1.09967	7.35415	5.42638	0.655882	1
cg03626511	0.176207	1.42497	1.42497	0.0724277	0.61036	-1.63838	0.677613	1.10845	1.10845	0.142731	0.678413	-1.47403	4.18231	4.01781	0.853926	1
cg13335329	0.885262	1.02104	1.02104	2.75E-05	0.303728	-3.29242	0.679955	0.941936	-1.06164	0.0253718	0.68165	-1.46703	31.9664	10.5279	0.292749	1
cg13964781	0.348017	1.28075	1.28075	0.000741663	0.269317	-3.71309	0.693186	1.10689	1.10689	0.00136123	0.304023	-3.28923	24.5796	25.5323	0.923341	1
cg24923818	0.00799536	0.0538728	-18.5623	0.0131685	0.0712584	-14.0334	0.226877	0.336116	-2.97516	0.0214602	0.0930806	-10.7434	5.84736	68.3907	10.3964	1
cg16192293	0.00565853	0.779288	-1.28322	0.0628773	1.15459	1.15459	0.764595	0.979583	-1.02084	0.0652727	0.867496	-1.15274	5.53218	0.413385	0.0664211	1
cg25590335	0.0556572	0.45752	-2.1857	0.0181225	2.81456	2.81456	0.0666886	2.09885	2.09885	0.304721	1.46706	1.46706	3.71939	7.65931	1.83048	1
cg17904367	0.0455333	0.569479	-1.75599	0.0132211	0.470453	-2.12561	0.223209	1.36921	1.36921	0.285048	0.761369	-1.31342	3.65694	3.49147	0.848667	1
cg25140444	0.059026	0.402034	-2.48735	0.0301393	0.336271	-2.97379	0.344043	0.659295	-1.51677	0.00208663	0.157046	-6.36755	11.2578	32.5706	2.5717	1
cg16150112	0.868207	1.0191	1.0191	0.0376187	0.759766	-1.3162	0.00129331	1.70582	1.70582	0.647972	0.948981	-1.05376	10.6935	2.19781	0.182691	1
cg10509014	0.0489866	0.30006	-3.33267	0.00282771	0.110565	-9.04443	0.719211	1.2133	1.2133	0.05617	0.314031	-3.1844	4.35538	19.7835	4.03761	1
cg04122329	0.3176	0.878466	-1.13835	0.00853896	1.52336	1.52336	0.804847	1.03154	1.03154	0.816289	1.02962	1.02962	3.53066	0.879756	0.22149	1
cg24738475	0.705698	1.05162	1.05162	0.546919	1.08423	1.08423	0.133324	1.23963	1.23963	0.111415	1.25862	1.25862	3.44494	0.960097	0.247731	1
cg01077609	0.385846	1.28403	1.28403	0.500523	1.21203	1.21203	0.656573	0.881747	-1.13411	0.0716403	1.76058	1.76058	7.21121	9.03189	1.11331	1
cg09070697	0.224342	1.8755	1.8755	0.11786	0.433142	-2.30871	0.319281	1.66048	1.66048	0.514373	1.38511	1.38511	4.47436	17.2024	3.41748	1
cg07950002	0.270497	1.32406	1.32406	4.69E-05	6.54392	6.54392	7.56E-07	26.0453	26.0453	0.000281345	4.27436	4.27436	36.6493	34.7437	0.842671	1
cg14361672	0.00390619	0.160618	-6.22594	0.000508352	0.0775688	-12.8918	0.00558493	0.180277	-5.54703	0.00258392	0.14	-7.14287	12.3749	43.4337	3.11984	1
cg13548833	0.360675	0.638124	-1.56709	0.00262371	0.136515	-7.32518	0.10887	0.433481	-2.3069	0.40277	0.664096	-1.50581	3.63525	13.1573	3.21721	1
cg14204415	0.520052	1.14555	1.14555	0.0354402	0.600296	-1.66585	0.6163	1.11103	1.11103	0.686979	1.08808	1.08808	8.43073	5.79854	0.611366	1
cg02517232	0.0846579	0.670488	-1.49145	0.000971747	0.357395	-2.79803	0.0107976	0.511084	-1.95662	0.0201974	0.555902	-1.79888	7.89611	5.49479	0.618566	1
cg09061973	0.0371167	0.600388	-1.66559	0.0563687	0.634153	-1.57691	0.181553	0.741584	-1.34846	0.80178	0.948354	-1.05446	5.57803	3.92584	0.625603	1
cg11513641	0.10756	0.784301	-1.27502	0.00160308	1.87038	1.87038	0.8479	0.973786	-1.02692	0.697313	1.05556	1.05556	4.789	1.45157	0.269427	1
cg22211719	0.0669068	0.763747	-1.30933	0.0488224	0.744371	-1.34342	0.189968	1.19979	1.19979	0.730134	1.04648	1.04648	4.71411	1.28547	0.242387	1
cg15157241	0.241564	0.470829	-2.12391	0.00509287	0.102809	-9.72682	0.0141804	0.155739	-6.421	0.0320847	0.213758	-4.67819	4.08595	24.4354	5.31586	1
cg01169738	0.132795	0.696017	-1.43675	0.0361108	0.580095	-1.72386	0.528236	0.866951	-1.15347	0.380758	1.22247	1.22247	3.41471	2.69988	0.70281	1
cg13026772	0.153391	0.855137	-1.1694	3.91E-05	2.23914	2.23914	0.000438141	1.76595	1.76595	0.384896	1.09549	1.09549	34.4962	5.72538	0.14753	1
cg15712304	0.000410622	0.206841	-4.83463	0.34291	0.774838	-1.29059	0.600169	0.871411	-1.14756	0.00127131	0.272324	-3.67209	26.7717	28.0356	0.814496	1
cg19248829	0.0915482	0.858684	-1.16457	0.000579685	1.54719	1.54719	0.00150432	1.45506	1.45506	0.000518123	1.55899	1.55899	12.2347	1.30294	0.0946631	1
cg08148209	0.504114	1.20734	1.20734	0.199231	0.685905	-1.45793	0.00196891	0.296502	-3.37265	0.511264	1.20344	1.20344	8.42018	10.3026	1.0876	1
cg12577455	0.974808	0.991634	-1.00844	0.353631	1.28904	1.28904	0.00631003	2.57619	2.57619	0.841242	0.948043	-1.0548	7.92872	8.88765	0.996394	1
cg15269516	0.253192	0.671186	-1.4899	0.00233477	0.241765	-4.13625	0.00911733	0.330627	-3.02456	0.0627758	0.496833	-2.01275	6.57523	11.6241	1.57143	1
cg07747661	0.428914	1.19163	1.19163	0.00149004	2.7034	2.7034	0.0679535	1.55866	1.55866	0.0700985	1.55213	1.55213	5.40427	4.03414	0.663531	1
cg01519094	0.761465	0.881849	-1.13398	0.000820866	0.124675	-8.02083	0.133935	0.512974	-1.94942	0.0612838	0.418605	-2.38889	5.00728	13.5255	2.40103	1
cg23909657	0.000365214	2.10714	2.10714	0.286292	1.1555	1.1555	0.296808	0.868327	-1.15164	0.69137	1.05346	1.05346	4.95411	1.33673	0.239842	1
cg15113009	0.0446049	0.528512	-1.89211	0.0238948	0.474569	-2.10717	0.773536	0.923314	-1.08306	0.641966	0.878545	-1.13824	4.1675	5.04761	1.07661	1
cg08738386	0.869595	0.962816	-1.03862	0.717679	1.08734	1.08734	0.883035	0.966618	-1.03453	0.142171	0.694955	-1.43894	4.15291	3.49826	0.748766	1
cg22041190	0.794955	1.09789	1.09789	0.0134721	0.33388	-2.99508	0.0815412	0.500431	-1.99828	0.0690771	0.482185	-2.07389	3.93613	8.01618	1.81028	1
cg15115522	0.520409	1.25588	1.25588	0.491677	0.783294	-1.27666	0.836463	1.07496	1.07496	0.177849	0.606087	-1.64993	3.88639	7.5277	1.72172	1
cg12407459	0.518804	1.08564	1.08564	0.00236752	0.587073	-1.70337	0.618573	0.938891	-1.06509	0.360699	1.1253	1.1253	3.86152	0.965234	0.222188	1
cg05302441	0.33166	1.31041	1.31041	0.207508	1.43155	1.43155	0.165298	1.49103	1.49103	0.430524	0.804783	-1.24257	3.71398	4.2855	1.02567	1
cg04164023	0.119258	1.50539	1.50539	0.00114917	3.17768	3.17768	0.122941	1.49834	1.49834	0.242828	1.34409	1.34409	3.54163	3.28353	0.824112	1
cg14547895	0.251801	0.435405	-2.29671	0.0280427	0.164928	-6.06327	0.0842681	0.265402	-3.76786	0.15213	0.344571	-2.90216	3.39815	25.9602	6.79068	1
cg20869257	0.0305904	2.61396	2.61396	4.31E-05	18.884	18.884	0.000813778	6.74842	6.74842	0.0152529	3.08594	3.08594	11.0569	25.0479	2.01365	1
cg09009380	0.0169706	3.73528	3.73528	0.000419551	12.567	12.567	0.00181028	7.44641	7.44641	0.00728927	4.78916	4.78916	8.05882	26.1486	2.8842	1
cg27571196	0.0176082	3.35204	3.35204	0.000321581	11.4462	11.4462	0.00300643	5.49559	5.49559	0.0436818	2.64116	2.64116	7.12783	19.8018	2.46942	1
cg07972385	0.00860433	1.4826	1.4826	0.00686064	1.50901	1.50901	0.593042	1.06545	1.06545	0.525145	0.927116	-1.07861	4.58859	1.00376	0.194447	1
cg05184311	0.114011	2.25246	2.25246	0.00122869	9.32443	9.32443	0.0259595	3.4848	3.4848	0.0463955	2.9375	2.9375	4.17251	14.7409	3.14033	1
cg19570545	0.141175	3.63945	3.63945	0.00365568	24.7516	24.7516	0.013318	12.2227	12.2227	0.00871961	15.3052	15.3052	4.15484	43.8518	9.38167	1
cg01022117	0.961832	1.0327	1.0327	0.0848444	0.277678	-3.6013	0.182927	0.386667	-2.5862	0.797524	0.841259	-1.18869	4.09176	29.2954	6.36409	1
cg22606205	0.0834457	11.5631	11.5631	0.00294575	184.182	184.182	0.00985451	64.5128	64.5128	0.0218275	33.6464	33.6464	3.94596	101.992	22.9753	1
cg26084259	0.956165	0.989822	-1.01028	0.414605	1.16789	1.16789	2.17E-06	0.115172	-8.68267	0.00896003	0.53868	-1.85639	43.7996	24.026	0.487595	1
cg14230071	0.377993	0.858924	-1.16425	0.139775	1.30621	1.30621	9.70E-06	0.201784	-4.9558	0.966399	1.00711	1.00711	24.7405	11.0752	0.397917	1
cg27458987	0.197813	0.64179	-1.55814	0.261048	0.682562	-1.46507	3.55E-06	34.6704	34.6704	0.929441	0.971557	-1.02928	16.5052	27.749	1.49442	1
cg01851399	0.502826	1.30648	1.30648	0.152376	0.547334	-1.82704	3.21E-05	24.0808	24.0808	0.203347	0.589856	-1.69533	16.4139	40.1788	2.17587	1
cg19677302	0.0572344	0.574033	-1.74206	0.00162184	0.311722	-3.20798	0.0220214	0.492273	-2.03139	0.339128	0.775511	-1.28947	9.27871	9.78449	0.937342	1
cg16596523	0.710161	0.928573	-1.07692	0.51848	1.13877	1.13877	0.0001447	3.66638	3.66638	0.132671	0.724638	-1.38	8.77945	5.47952	0.554783	1
cg03302287	0.85215	1.02506	1.02506	0.00181287	1.80073	1.80073	0.511351	0.915441	-1.09237	0.977197	0.996216	-1.0038	3.84193	1.07044	0.247662	1
cg16785912	0.172765	2.25478	2.25478	0.0425295	3.70155	3.70155	0.0310387	4.13125	4.13125	0.236729	0.499233	-2.00307	3.5223	17.5168	4.42056	1
cg20268054	0.0726971	0.746371	-1.33982	0.00333804	0.557886	-1.79248	1.88E-06	0.177554	-5.6321	0.178107	0.811354	-1.23251	24.5616	8.3032	0.300494	1
cg10517281	0.205638	0.855557	-1.16883	0.310234	1.13052	1.13052	4.17E-06	0.287956	-3.47276	0.00586851	0.656191	-1.52395	20.5848	4.45046	0.192179	1
cg17840408	0.000870796	0.430243	-2.32427	0.00359041	0.513821	-1.9462	4.02E-05	0.266013	-3.75922	0.0088798	0.569897	-1.7547	15.0725	6.80649	0.401407	1
cg01794156	0.000591227	0.322556	-3.10024	0.000573093	0.320803	-3.11718	0.000100745	0.229927	-4.3492	0.00831141	0.487055	-2.05316	13.2721	9.55792	0.640134	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08616951	PKP3	0.000660542	0.186401	1.37486	1.37486	0.994817	1.00148	1.00148	3.42E-05	0.161602	-6.18806	0.542765	1.15029	1.15029	0.00054854	0.295251	-3.38695
cg24169417	PKP3	0.000784325	0.291126	0.801867	-1.24709	0.901991	0.975473	-1.02514	0.303544	0.806699	-1.23962	0.00061485	0.345377	-2.89539	0.000882142	0.366138	-2.73121
cg00221668	PKP3	0.00144154	0.00340161	0.572889	-1.74554	0.303809	0.861553	-1.16069	0.238886	0.841483	-1.18838	0.46609	0.901422	-1.10936	0.00187462	0.53954	-1.85343
cg05214427	PKP3	0.00219355	0.00691486	0.676863	-1.4774	0.893831	0.985203	-1.01502	0.0848429	0.808346	-1.23709	0.0102062	1.43563	1.43563	0.000248116	0.508977	-1.96473
cg08314660	PKP3	0.00299482	0.0533115	0.649886	-1.53873	0.118705	0.717141	-1.39443	0.000864764	0.374703	-2.66878	0.474776	0.867022	-1.15337	0.20142	0.767321	-1.30324
cg15002541	PKP3	0.00367102	0.100201	1.34607	1.34607	0.0101169	0.58545	-1.70809	0.00471029	0.538121	-1.85832	0.146703	0.773352	-1.29307	0.28888	1.19921	1.19921
cg07044016	PKP3	0.00386798	0.0215211	0.642106	-1.55737	0.00493415	0.550217	-1.81746	0.00220743	0.502404	-1.99043	0.0746125	0.727128	-1.37527	0.0175079	0.628793	-1.59035
cg08490233	PKP3	0.0108675	0.436414	0.857358	-1.16637	0.246159	1.26503	1.26503	0.00317293	0.457844	-2.18415	0.149792	1.34893	1.34893	0.959327	1.00993	1.00993
cg25258098	PKP3	0.0377261	0.172629	2.22194	2.22194	0.0039466	8.43863	8.43863	0.360593	1.67695	1.67695	0.748948	1.19317	1.19317	0.180314	0.457223	-2.18711
cg18308516	PKP3	0.0419106	0.0265168	0.369143	-2.70898	0.0367231	0.398685	-2.50824	0.0836995	0.484156	-2.06545	0.189119	0.590286	-1.69409	0.0189317	0.340633	-2.93571
cg24986868	PKP4;CCDC148;PKP4;CCDC148	0.00206878	0.0113389	0.412432	-2.42464	0.169557	1.48901	1.48901	0.2544	0.724137	-1.38095	0.0574569	0.554201	-1.8044	0.00718478	0.377388	-2.6498
cg14426788	PKP4;CCDC148;PKP4;CCDC148	0.0103395	0.00128247	0.222321	-4.498	0.176798	1.58387	1.58387	0.0646955	1.94372	1.94372	0.408504	0.762787	-1.31098	0.136017	0.597771	-1.67288
cg03004323	PKP4;PKP4	0.00185423	0.0302758	0.785338	-1.27334	0.844378	1.01882	1.01882	0.344122	1.09686	1.09686	0.577152	0.947966	-1.05489	0.181636	1.14399	1.14399
cg09072756	PKP4;PKP4	0.016352	0.0765165	0.578902	-1.72741	0.00049905	4.5309	4.5309	0.959869	0.986137	-1.01406	0.652212	1.13413	1.13413	0.572676	0.853729	-1.17133
cg27167195	PKP4;PKP4	0.0185683	0.102922	0.709132	-1.41018	0.364537	0.835686	-1.19662	0.0349005	0.622744	-1.6058	0.617414	0.907539	-1.10188	0.00169625	0.421545	-2.37222
cg07584765	PKP4;PKP4	0.0297288	0.116327	0.585698	-1.70736	0.250958	0.686589	-1.45648	0.0165416	0.399401	-2.50375	0.535529	1.21737	1.21737	0.00638627	0.32873	-3.04201
cg24760753	PKP4;PKP4	0.0388705	0.0121408	0.221434	-4.51602	0.12336	0.447116	-2.23655	0.244101	0.555601	-1.79985	0.566597	0.756266	-1.32229	0.00285554	0.138109	-7.24065
cg24405174	PL-5283	0.00232029	0.04968	1.58989	1.58989	0.862306	1.0366	1.0366	0.0126527	1.89999	1.89999	0.144607	0.722897	-1.38332	0.0419877	1.62466	1.62466
cg12911476	PL-5283	0.0164916	0.857246	1.02149	1.02149	0.0261739	1.36544	1.36544	0.0046381	1.55994	1.55994	0.579756	1.06827	1.06827	0.0230999	1.37813	1.37813
cg23117316	PL-5283	0.0457818	0.559241	1.178	1.178	0.0646789	0.56234	-1.77828	0.732066	0.909065	-1.10003	0.134859	0.639436	-1.56388	0.0144731	0.433503	-2.30679
cg06073417	PLA1A	0.00885294	0.0294723	0.565593	-1.76806	0.0211753	0.540107	-1.85148	0.0476925	0.604523	-1.6542	0.179854	0.728612	-1.37247	0.00224898	0.386508	-2.58727
cg12806353	PLA1A	0.0109837	0.231988	0.827741	-1.20811	0.703701	1.05932	1.05932	0.00277298	0.536729	-1.86314	0.0250145	0.668878	-1.49504	0.00198936	0.517627	-1.93189
cg16014987	PLA1A	0.0408681	0.614044	0.923664	-1.08264	0.190511	0.805355	-1.24169	0.266575	0.834641	-1.19812	0.191833	1.2408	1.2408	0.00362189	1.84934	1.84934
cg04330122	PLA1A	0.0457702	0.645477	1.10223	1.10223	0.199426	1.32961	1.32961	0.256389	0.779632	-1.28266	0.353938	1.22189	1.22189	0.0771496	1.51125	1.51125
cg15362455	PLA1A;PLA1A	0.0444869	0.762469	0.898882	-1.11249	0.12326	0.555901	-1.79888	0.362387	0.719475	-1.3899	0.933644	1.02972	1.02972	0.000823331	0.169965	-5.88356
cg05605564	PLA2G10	0.00336561	0.193935	0.704691	-1.41906	0.000534452	0.253501	-3.94476	0.0827194	0.613036	-1.63123	0.4555	1.21356	1.21356	0.000270604	0.218552	-4.57558
cg27058221	PLA2G10	0.00900878	0.00548498	0.0860026	-11.6276	0.00905918	0.107693	-9.28564	0.0878126	0.281996	-3.54615	0.107157	0.3068	-3.25945	0.00358561	0.0706472	-14.1548
cg16243646	PLA2G12A	0.0109174	0.918308	0.982537	-1.01777	0.017169	0.607328	-1.64656	0.897142	1.02246	1.02246	0.617323	0.917134	-1.09035	0.016288	0.603841	-1.65606
cg12835256	PLA2G12A	0.0309736	0.352399	1.59914	1.59914	0.552295	1.34308	1.34308	0.77017	1.15456	1.15456	0.0026532	0.130078	-7.68772	0.832483	0.901304	-1.1095
cg13728813	PLA2G12A	0.0322707	0.85809	0.909574	-1.09942	0.221576	0.506429	-1.97461	0.0184882	0.220255	-4.5402	0.0391517	0.282518	-3.5396	0.00439741	0.133493	-7.49101
cg06041156	PLA2G12A;PLA2G12A	0.0190447	0.232182	0.841003	-1.18906	0.292562	1.16289	1.16289	0.030213	1.42217	1.42217	0.0568754	0.742431	-1.34693	0.291482	0.859615	-1.16331
cg15976673	PLA2G12A;PLA2G12A	0.0355163	0.881647	1.06191	1.06191	0.617877	0.816442	-1.22483	0.508965	1.31017	1.31017	0.507507	0.762527	-1.31143	0.395383	0.703997	-1.42046
cg07580789	PLA2G12B	0.00139881	0.0015173	0.51125	-1.95599	0.636881	0.932535	-1.07235	0.000380684	0.434493	-2.30153	0.323024	1.16177	1.16177	0.0111478	1.59572	1.59572
cg06345027	PLA2G12B	0.00906712	0.186039	0.672477	-1.48704	0.130335	0.629775	-1.58787	0.987425	1.00447	1.00447	0.00798106	0.382003	-2.61778	0.000221912	0.17547	-5.69897
cg10842126	PLA2G12B	0.0363859	0.144005	2.10398	2.10398	0.00579321	5.54504	5.54504	0.274176	1.71464	1.71464	0.0491388	2.89872	2.89872	0.375507	1.5388	1.5388
cg00022076	PLA2G15	0.00052694	0.162732	0.815593	-1.2261	0.183471	1.21294	1.21294	0.494948	0.909561	-1.09943	0.241013	1.18281	1.18281	7.76E-06	0.26139	-3.8257
cg07093942	PLA2G15	0.0258694	0.115787	0.887741	-1.12645	0.0057654	0.771093	-1.29686	0.629922	0.967131	-1.03399	0.0426775	0.8487	-1.17827	0.0108816	1.25614	1.25614
cg09894072	PLA2G15	0.0387369	0.234737	0.789971	-1.26587	0.194574	0.771247	-1.2966	0.0334301	1.60069	1.60069	0.100999	0.711787	-1.40491	0.583946	1.11036	1.11036
cg22380508	PLA2G16;PLA2G16	0.00205999	0.0140272	1.46442	1.46442	0.0489319	0.753691	-1.3268	0.0550736	0.760683	-1.31461	0.165747	1.2043	1.2043	0.346925	1.12953	1.12953
cg10266557	PLA2G16;PLA2G16	0.00337568	0.617465	1.06014	1.06014	0.0175818	0.715291	-1.39803	0.0678285	1.26774	1.26774	0.382827	1.10937	1.10937	0.444131	1.0947	1.0947
cg13840590	PLA2G16;PLA2G16	0.012103	0.00309537	0.798921	-1.25169	0.89754	1.00717	1.00717	0.0570922	0.887463	-1.12681	0.765312	0.983534	-1.01674	0.000799899	0.75522	-1.32412
cg03627015	PLA2G16;PLA2G16	0.0212112	0.0470707	0.538267	-1.85781	0.00254606	3.13061	3.13061	0.790016	0.929839	-1.07545	0.825115	0.941464	-1.06218	0.0381728	0.519506	-1.9249
cg16484943	PLA2G16;PLA2G16	0.0472052	0.771424	0.808181	-1.23735	0.0116703	12.2676	12.2676	0.0254309	0.126089	-7.93089	0.125696	3.47594	3.47594	0.34721	0.489459	-2.04307
cg14114326	PLA2G16;PLA2G16;PLA2G16	0.0404172	0.876285	1.04768	1.04768	0.0333173	2.10372	2.10372	0.0711306	1.8271	1.8271	0.562581	0.839429	-1.19129	0.0124861	0.394838	-2.53268
cg20313400	PLA2G1B	6.65E-05	0.0028869	0.869477	-1.15012	0.00373472	0.874876	-1.14302	0.054213	0.928132	-1.07743	0.538574	1.02148	1.02148	5.91E-06	0.706659	-1.41511
cg16262173	PLA2G1B	0.013693	0.00307749	0.223385	-4.47658	0.00576428	0.262278	-3.81275	0.244758	0.63756	-1.56848	0.377467	0.715342	-1.39793	0.00863438	0.289777	-3.45093
cg16396488	PLA2G1B	0.0162185	0.0393644	0.285219	-3.50608	0.0153324	0.208798	-4.78931	0.0851786	0.367264	-2.72284	0.187066	0.479034	-2.08753	0.00445384	0.135776	-7.36507
cg26872792	PLA2G1B	0.0365728	0.0438345	0.574972	-1.73922	0.0487565	0.58412	-1.71198	0.00613928	2.3493	2.3493	0.475134	0.840729	-1.18944	0.711425	1.09282	1.09282
cg07280387	PLA2G1B	0.0491396	0.0198258	0.648519	-1.54197	0.42945	1.13222	1.13222	0.563986	1.09395	1.09395	0.861916	1.02717	1.02717	0.326568	0.855614	-1.16875
cg13211559	PLA2G2A;PLA2G2A;PLA2G2A	0.0382861	0.0261754	0.191331	-5.22654	0.0691403	0.279488	-3.57797	0.0340574	0.212099	-4.71478	0.0959459	0.317841	-3.14623	0.0201597	0.172611	-5.79337
cg08235413	PLA2G2A;PLA2G2A;PLA2G2A;PLA2G2A	0.0182062	0.933813	1.0145	1.0145	0.8752	0.973123	-1.02762	0.16279	0.772386	-1.29469	0.567517	0.904685	-1.10536	0.239659	1.23792	1.23792
cg22220722	PLA2G2A;PLA2G2A;PLA2G2A;PLA2G2A	0.0195057	0.0425242	0.720375	-1.38817	0.727376	0.95204	-1.05038	0.0197987	0.673596	-1.48457	0.259266	0.847664	-1.17971	0.0602564	0.742609	-1.3466
cg11037787	PLA2G2A;PLA2G2A;PLA2G2A;PLA2G2A	0.0488811	0.0805518	0.671755	-1.48864	0.0891509	1.46934	1.46934	0.0858828	0.677312	-1.47642	0.194501	0.754475	-1.32542	0.789118	0.94646	-1.05657
cg20265470	PLA2G2C	0.0150611	0.673107	0.908872	-1.10027	0.282232	1.28611	1.28611	0.00152188	0.357745	-2.79529	0.12716	1.44986	1.44986	0.476331	1.17713	1.17713
cg08042135	PLA2G2C	0.0202752	0.983592	1.00397	1.00397	0.674248	1.08476	1.08476	0.000586459	0.359706	-2.78005	0.319717	0.82046	-1.21883	0.909057	0.978249	-1.02223
cg01063509	PLA2G2C	0.0216318	0.363286	0.604991	-1.65292	0.0119835	0.185262	-5.39778	0.129563	0.414428	-2.41296	0.14663	0.432585	-2.31169	0.0127583	0.189336	-5.28161
cg26816312	PLA2G2D	1.38E-06	0.501274	1.09014	1.09014	0.756656	1.04009	1.04009	0.000179619	0.448428	-2.23001	0.0028018	1.68335	1.68335	4.43E-05	0.375845	-2.66067
cg05048624	PLA2G2D	0.014656	0.00872227	0.14245	-7.02	0.0103951	0.152322	-6.56504	0.0193234	0.192088	-5.20594	0.0592672	0.288868	-3.46179	0.00611458	0.124105	-8.05769
cg18881992	PLA2G2D	0.0266367	0.108722	0.84989	-1.17662	0.104571	0.847944	-1.17932	0.0145533	0.755933	-1.32287	0.278204	1.11052	1.11052	0.0460321	0.808504	-1.23685
cg07142319	PLA2G2D	0.0285609	0.751753	0.862583	-1.15931	0.356921	0.643167	-1.55481	0.0173544	0.259351	-3.85578	0.267812	0.584099	-1.71204	0.00909333	0.213551	-4.68272
cg22023448	PLA2G2D	0.0310849	0.972733	0.988674	-1.01146	0.117868	0.567837	-1.76107	0.0192747	0.389316	-2.56861	0.0798119	0.523171	-1.91142	0.0172384	0.380235	-2.62995
cg14321743	PLA2G2D	0.0352466	0.826364	0.92512	-1.08094	0.529311	1.25329	1.25329	0.0192752	0.366843	-2.72596	0.00957804	0.312822	-3.1967	0.00776401	0.297863	-3.35724
cg16825000	PLA2G2E	0.000112351	0.0815997	1.22963	1.22963	4.69E-05	0.439484	-2.2754	0.000175698	0.505869	-1.9768	0.247602	0.878566	-1.13822	0.000187519	0.509136	-1.96411
cg07371323	PLA2G2E	0.00120546	0.000189325	0.297738	-3.35866	0.000406049	0.339007	-2.94979	0.0679576	0.674686	-1.48217	0.669866	0.920765	-1.08605	0.000620792	0.362873	-2.75579
cg24613957	PLA2G2E	0.00145825	0.00112059	0.437657	-2.2849	0.183044	1.27548	1.27548	6.07E-05	0.279299	-3.58039	0.495816	1.12649	1.12649	0.0495217	0.679797	-1.47103
cg10812684	PLA2G2E	0.0107774	0.151275	1.36713	1.36713	0.445158	0.853612	-1.17149	0.267522	0.790658	-1.26477	0.771905	1.06089	1.06089	0.307895	0.806839	-1.2394
cg00573165	PLA2G2E	0.0289314	0.0465747	0.609528	-1.64061	0.131439	0.702062	-1.42438	0.019595	0.541929	-1.84526	0.66685	0.910216	-1.09864	0.0018701	0.383541	-2.60728
cg24742092	PLA2G2E	0.0404408	0.344708	0.715747	-1.39714	0.155026	0.592784	-1.68696	0.00914224	0.320563	-3.11951	0.195429	0.624681	-1.60082	0.00374362	0.260539	-3.8382
cg09851650	PLA2G2F	1.94E-06	1.43E-06	0.228278	-4.38062	0.870932	1.01979	1.01979	3.30E-06	0.266064	-3.75849	0.196152	0.848157	-1.17903	1.82E-07	0.145307	-6.88198
cg16087263	PLA2G2F	1.00E-04	0.952521	0.990429	-1.00966	0.419739	1.14241	1.14241	6.91E-05	0.308986	-3.23639	0.403038	0.870919	-1.14821	6.57E-06	0.197953	-5.05171
cg09317398	PLA2G2F	0.00241411	0.000172766	0.233955	-4.27433	0.0326799	1.76686	1.76686	0.112202	0.674449	-1.48269	0.681052	1.09869	1.09869	0.0140987	0.50157	-1.99374
cg05339856	PLA2G2F	0.00801992	0.0786913	0.574903	-1.73942	0.0824655	0.5797	-1.72503	0.000932652	0.246467	-4.05734	0.0138421	0.422227	-2.36839	0.106415	0.606676	-1.64833
cg09976564	PLA2G3	0.000669183	0.0438196	0.630915	-1.585	0.00709985	0.500875	-1.99651	0.000138164	0.269903	-3.70503	0.09867	0.697705	-1.43327	9.28E-05	0.249946	-4.00087
cg26746560	PLA2G3	0.00839351	0.096426	1.61171	1.61171	0.0149469	2.18695	2.18695	0.236884	0.72321	-1.38272	0.0222016	0.488276	-2.04802	0.00469702	0.374365	-2.67119
cg25375569	PLA2G3	0.00852571	0.186471	0.796487	-1.25551	0.583083	0.913874	-1.09424	0.000239741	0.372399	-2.68529	0.121624	0.76136	-1.31344	0.0164341	0.621042	-1.6102
cg02214441	PLA2G3	0.0117434	0.234564	0.788719	-1.26788	0.000734714	0.376364	-2.657	0.0114721	0.547455	-1.82663	0.142057	0.740319	-1.35077	0.2948	0.813044	-1.22995
cg17733820	PLA2G3	0.0468087	?	?	?	0.0492875	0.338126	-2.95748	?	?	?	0.525266	0.736924	-1.35699	0.0364196	0.307681	-3.25012
cg23610736	PLA2G4A	0.00301974	0.128259	0.631263	-1.58413	0.148268	0.647977	-1.54326	0.000561	0.223866	-4.46696	0.0284831	0.485134	-2.06129	0.000289867	0.191299	-5.22741
cg09320113	PLA2G4A	0.00496041	0.852165	1.0186	1.0186	0.40895	0.919967	-1.087	0.00138125	0.632474	-1.58109	0.88503	0.985811	-1.01439	0.794791	0.974583	-1.02608
cg25198029	PLA2G4A	0.0194109	0.00197278	0.383126	-2.61011	0.156889	0.717334	-1.39405	0.00776043	0.472275	-2.11741	0.0433313	0.600542	-1.66516	0.107242	0.679926	-1.47075
cg12986110	PLA2G4C;PLA2G4C;PLA2G4C	0.0109889	0.00821718	0.126785	-7.88736	0.0349592	0.222897	-4.48637	0.0290821	0.207806	-4.81218	0.0508406	0.256943	-3.89191	0.00444293	0.0984282	-10.1597
cg15109207	PLA2G4C;PLA2G4C;PLA2G4C	0.012903	0.00143896	6.16493	6.16493	0.0276445	2.79547	2.79547	0.00318452	4.90434	4.90434	0.632828	1.20928	1.20928	0.697521	0.857102	-1.16672
cg14780446	PLA2G4C;PLA2G4C;PLA2G4C	0.0135311	0.0787434	0.551306	-1.81388	0.00421977	3.21706	3.21706	0.137227	1.62941	1.62941	0.168197	1.56502	1.56502	0.0936709	1.75464	1.75464
cg13651483	PLA2G4C;PLA2G4C;PLA2G4C	0.0222735	0.0348175	0.210864	-4.74238	0.0133865	0.143957	-6.94654	0.0437019	0.230584	-4.33681	0.511223	0.655986	-1.52442	0.0136458	0.145084	-6.89256
cg23522194	PLA2G4C;PLA2G4C;PLA2G4C	0.0243947	0.390589	0.70245	-1.42359	0.00525258	4.38342	4.38342	0.61777	1.22382	1.22382	0.399495	1.41379	1.41379	0.192538	1.73971	1.73971
cg26268742	PLA2G4C;PLA2G4C;PLA2G4C	0.0335298	0.0108537	0.246643	-4.05445	0.668451	1.20748	1.20748	0.123825	0.482222	-2.07373	0.641339	1.22789	1.22789	0.396098	0.683657	-1.46272
cg02380983	PLA2G4C;PLA2G4C;PLA2G4C	0.040862	0.121742	0.492079	-2.0322	0.00452572	0.202078	-4.94857	0.0264793	0.328865	-3.04076	0.394738	0.691792	-1.44552	0.0329903	0.34852	-2.86928
cg02444300	PLA2G4C;PLA2G4C;PLA2G4C;PLA2G4C;PLA2G4C;PLA2G4C	0.0358091	0.427195	0.592568	-1.68757	0.328713	0.521677	-1.91689	0.0017385	0.0559917	-17.8598	0.625241	0.727787	-1.37403	0.00811059	0.112135	-8.9178
cg02624051	PLA2G4D	4.04E-05	0.0796186	1.51544	1.51544	0.013014	1.93173	1.93173	0.0600728	1.57337	1.57337	0.933994	0.982456	-1.01786	2.77E-06	0.0904204	-11.0595
cg13762474	PLA2G4D	4.12E-05	0.115931	1.28849	1.28849	0.761633	1.04616	1.04616	0.0170588	0.649595	-1.53942	0.00325063	0.55138	-1.81363	1.62E-05	0.267815	-3.73392
cg17867243	PLA2G4D	4.55E-05	0.030516	1.71815	1.71815	3.67E-05	5.42615	5.42615	0.00038085	3.34721	3.34721	0.0938842	1.48024	1.48024	2.22E-05	0.163403	-6.11985
cg00202454	PLA2G4D	0.000588712	0.116675	0.502988	-1.98812	0.119822	1.97457	1.97457	0.429625	1.38407	1.38407	0.0585262	2.36696	2.36696	0.000139115	0.0704106	-14.2024
cg03319638	PLA2G4D	0.00276493	0.318407	0.779236	-1.28331	0.0576083	0.594903	-1.68095	0.1575	1.44141	1.44141	0.0176194	0.497337	-2.01071	0.00105738	0.309924	-3.2266
cg04202736	PLA2G4D	0.0117324	0.64219	1.1998	1.1998	0.14621	1.83531	1.83531	0.395874	0.712859	-1.4028	0.472365	1.32916	1.32916	0.00129593	0.161318	-6.19894
cg00226831	PLA2G4D	0.0140758	0.159986	0.497924	-2.00834	0.206873	1.85576	1.85576	0.967673	1.019	1.019	0.709647	1.18972	1.18972	0.0029697	0.15051	-6.64406
cg11811131	PLA2G4D	0.0146319	0.71655	0.860037	-1.16274	0.663692	1.19832	1.19832	0.0143406	3.48481	3.48481	0.730001	0.866524	-1.15404	0.523107	0.765199	-1.30685
cg02760164	PLA2G4D	0.0173219	0.303601	1.48695	1.48695	0.146327	1.78707	1.78707	0.411723	1.36685	1.36685	0.915259	0.961145	-1.04043	0.0263629	0.375097	-2.66598
cg21142456	PLA2G4D	0.0240969	0.138576	0.664553	-1.50477	0.500933	1.19134	1.19134	0.326309	1.29658	1.29658	0.657314	0.891877	-1.12123	0.0351857	0.533244	-1.87531
cg27644513	PLA2G4E	0.000661127	0.0517384	1.41072	1.41072	0.00324326	1.86643	1.86643	0.00114278	2.10306	2.10306	0.117507	1.30245	1.30245	0.831164	1.03374	1.03374
cg24146288	PLA2G4E	0.00398482	0.266439	0.580228	-1.72346	0.0346195	0.314079	-3.18391	0.00215043	0.131883	-7.58249	0.18244	0.514171	-1.94488	0.000711609	0.0885908	-11.2879
cg10177987	PLA2G4E	0.0209526	0.363782	0.703	-1.42248	0.0561884	0.441951	-2.26269	0.00660546	0.264086	-3.78665	0.529969	0.786445	-1.27154	0.0609473	0.450464	-2.21993
cg05161074	PLA2G4E	0.0404052	0.0608284	0.400037	-2.49977	0.0506669	0.38082	-2.62591	0.270098	0.607831	-1.64519	0.103386	0.461961	-2.16468	0.0541489	0.387696	-2.57934
cg22490420	PLA2G4F;PLA2G4F	0.000965492	2.22E-05	0.191747	-5.21522	0.0372765	1.5988	1.5988	0.95536	0.989193	-1.01093	0.579842	0.897139	-1.11466	0.977423	0.994522	-1.00551
cg00150025	PLA2G4F;PLA2G4F	0.00400566	0.0851541	0.632882	-1.58007	0.340049	1.26658	1.26658	0.792906	1.06528	1.06528	0.161331	0.698015	-1.43263	0.188975	0.715713	-1.39721
cg17895496	PLA2G4F;PLA2G4F	0.0102805	0.343046	1.15724	1.15724	0.0039472	0.560081	-1.78546	0.0889999	0.755468	-1.32368	0.264572	0.840431	-1.18987	0.259892	1.19208	1.19208
cg07720646	PLA2G4F;PLA2G4F	0.0138601	0.000579402	0.294231	-3.39869	0.0740984	0.632881	-1.58007	0.525201	0.862449	-1.15949	0.566036	0.875169	-1.14264	0.0957352	0.656673	-1.52283
cg05397010	PLA2G4F;PLA2G4F	0.0240141	0.0023603	0.122622	-8.15516	0.0307779	0.285041	-3.50827	0.207011	0.517679	-1.9317	0.818595	1.12037	1.12037	0.00804199	0.186391	-5.36506
cg16920001	PLA2G4F;PLA2G4F;PLA2G4F	0.0386478	0.01913	0.203981	-4.90242	0.390362	1.63798	1.63798	0.40929	1.60502	1.60502	0.161874	2.31039	2.31039	0.0459051	0.277248	-3.60688
cg19521927	PLA2G5	0.000913177	0.000268884	0.357828	-2.79464	0.0290578	0.64254	-1.55632	0.00803479	0.557738	-1.79296	0.80234	0.957794	-1.04407	0.000117216	0.313535	-3.18944
cg02082083	PLA2G5	0.0189219	0.0482894	0.351823	-2.84234	0.00106347	0.106489	-9.39061	0.0672672	0.387024	-2.58382	0.279727	0.594414	-1.68233	0.0116288	0.232233	-4.30603
cg06222062	PLA2G5	0.0344346	0.0661642	0.423838	-2.35939	0.00259711	0.17587	-5.68601	0.135108	0.511251	-1.95598	0.275797	0.623636	-1.6035	0.0252659	0.330218	-3.0283
cg14316339	PLA2G6;PLA2G6	0.00011304	0.0031723	0.757529	-1.32008	0.158448	0.901341	-1.10946	4.84E-06	0.48689	-2.05385	0.0581292	1.15899	1.15899	0.000389442	0.677299	-1.47645
cg06321962	PLA2G6;PLA2G6	0.000143305	0.530069	0.858927	-1.16424	0.0387365	0.564255	-1.77225	0.00306556	0.379324	-2.63627	0.201777	1.38024	1.38024	2.58E-06	0.0662399	-15.0966
cg19787769	PLA2G6;PLA2G6	0.000971965	0.59672	1.06281	1.06281	0.000168029	0.481604	-2.07639	0.000138905	0.471873	-2.11922	0.330175	1.12146	1.12146	0.00122113	0.582851	-1.71571
cg18918090	PLA2G6;PLA2G6	0.00184042	0.00827132	0.599304	-1.6686	0.52802	0.907614	-1.10179	0.903958	0.981864	-1.01847	0.414978	0.881319	-1.13466	6.52E-05	0.329026	-3.03927
cg15322185	PLA2G6;PLA2G6	0.00241759	0.596921	1.10075	1.10075	0.000202465	0.325931	-3.06813	0.0334368	0.63954	-1.56362	0.0614121	1.4609	1.4609	0.979836	1.00456	1.00456
cg26983127	PLA2G6;PLA2G6	0.00513271	0.000604703	0.634477	-1.5761	0.0149066	1.29385	1.29385	0.41093	1.07502	1.07502	0.0640073	0.836023	-1.19614	0.790317	0.977332	-1.02319
cg04044021	PLA2G6;PLA2G6	0.0119033	0.0405446	1.51115	1.51115	0.828554	1.03858	1.03858	0.00829283	1.80244	1.80244	0.00896932	0.559827	-1.78626	0.686887	1.07329	1.07329
cg11071146	PLA2G6;PLA2G6	0.0236978	0.0850244	0.685248	-1.45933	0.00339948	0.453714	-2.20403	0.0143289	0.54919	-1.82086	0.032515	0.608531	-1.6433	0.00574632	0.487476	-2.05138
cg22700301	PLA2G6;PLA2G6	0.0415015	0.00343817	0.566719	-1.76454	0.12701	1.266	1.266	0.886799	1.02056	1.02056	0.516224	0.910222	-1.09863	0.0474966	1.38261	1.38261
cg03409699	PLA2G6;PLA2G6	0.0462124	0.00537041	0.439641	-2.27458	0.279657	0.777287	-1.28653	0.65785	0.904912	-1.10508	0.628357	0.896425	-1.11554	0.0109103	0.48855	-2.04688
cg27087057	PLA2G7;PLA2G7	3.42E-05	2.30E-05	0.325049	-3.07646	0.28916	1.15717	1.15717	0.012396	1.5113	1.5113	0.224965	1.18423	1.18423	0.0216625	1.44162	1.44162
cg21269330	PLA2G7;PLA2G7	0.00626586	0.833064	0.978104	-1.02239	0.000925873	1.68011	1.68011	0.0313782	1.30322	1.30322	0.0363198	0.7747	-1.29082	0.0366549	1.29005	1.29005
cg08383338	PLA2G7;PLA2G7	0.0264126	0.0699166	1.58054	1.58054	0.0014969	0.355601	-2.81214	0.463371	0.844848	-1.18365	0.0235603	0.542915	-1.84191	0.515923	0.86175	-1.16043
cg18491375	PLA2G7;PLA2G7	0.0290795	0.503893	0.85868	-1.16458	0.353544	1.23914	1.23914	0.025367	1.81667	1.81667	0.407181	0.826579	-1.20981	0.833662	0.95386	-1.04837
cg23277376	PLA2G7;PLA2G7	0.0401973	0.617776	0.838556	-1.19253	?	?	?	0.555601	1.23201	1.23201	0.523624	1.25385	1.25385	0.0944535	0.525508	-1.90292
cg26705953	PLA2G7;PLA2G7;PLA2G7	0.00128359	0.000373418	0.468765	-2.13326	0.00657231	0.625066	-1.59983	0.0342736	0.719794	-1.38929	0.405844	1.11987	1.11987	0.514025	0.915669	-1.0921
cg04043742	PLA2G7;PLA2G7;PLA2G7	0.00676881	0.0506185	0.826875	-1.20937	0.499578	0.943186	-1.06024	0.00827866	1.33395	1.33395	0.232668	1.11273	1.11273	0.786656	1.02342	1.02342
cg20257553	PLA2R1;PLA2R1	0.0139438	0.0357771	6.21844	6.21844	0.00509194	15.9497	15.9497	0.0435073	5.67777	5.67777	0.141877	3.25888	3.25888	0.259316	2.41163	2.41163
cg16650308	PLA2R1;PLA2R1	0.0272072	0.0533049	1.32611	1.32611	0.599215	0.934092	-1.07056	0.851333	0.976166	-1.02442	0.257262	0.858979	-1.16417	0.997681	1.00037	1.00037
cg12991125	PLA2R1;PLA2R1	0.0330953	0.0443976	18.4016	18.4016	0.0163192	40.6116	40.6116	0.083586	11.1975	11.1975	0.180981	5.99911	5.99911	0.410806	2.88904	2.88904
cg24235037	PLA2R1;PLA2R1	0.0395094	0.0517307	5.29645	5.29645	0.0108437	11.1235	11.1235	0.0993819	3.89644	3.89644	0.295422	2.2637	2.2637	0.727003	1.30201	1.30201
cg11228250	PLA2R1;PLA2R1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14032856	PLA2R1;PLA2R1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14563754	PLAA;IFT74;IFT74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11493065	PLAC1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14674582	PLAC1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08540622	PLACL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08616951	0.788142	1.06313	1.06313	0.45355	1.18949	1.18949	0.0467241	1.67786	1.67786	0.202144	1.35807	1.35807	13.224	10.8177	0.727141	1
cg24169417	0.000260063	0.297941	-3.35637	0.161624	1.35159	1.35159	0.0301068	0.598024	-1.67217	0.000416054	0.323482	-3.09136	12.6021	8.10952	0.572007	1
cg00221668	0.422547	1.12145	1.12145	0.000227925	2.35617	2.35617	0.405428	1.12648	1.12648	0.092855	1.29527	1.29527	10.6001	3.28673	0.275614	1
cg05214427	0.816637	1.02627	1.02627	0.627138	1.05617	1.05617	0.00322917	0.638531	-1.5661	0.505526	0.927347	-1.07835	9.38534	1.85283	0.175482	1
cg08314660	0.0522257	1.5426	1.5426	0.000840106	2.6808	2.6808	0.325053	0.819139	-1.22079	0.774092	1.05812	1.05812	8.56254	5.22639	0.542558	1
cg15002541	0.0122087	0.597358	-1.67404	0.0020199	2.05159	2.05159	0.735049	1.05765	1.05765	0.252019	1.21829	1.21829	8.0578	3.47463	0.383301	1
cg07044016	0.695179	0.938773	-1.06522	0.00988102	1.68716	1.68716	0.0434006	0.688868	-1.45166	0.00955959	0.590659	-1.69302	7.93226	3.23399	0.362401	1
cg08490233	0.626489	0.909311	-1.09973	0.00105608	0.391054	-2.55719	0.725409	0.933928	-1.07075	0.0572479	0.659058	-1.51732	5.75493	3.42461	0.528954	1
cg25258098	0.324656	0.571513	-1.74974	0.377849	0.607924	-1.64494	0.049495	0.291457	-3.43104	0.226997	0.497742	-2.00907	3.76308	18.0319	4.25937	1
cg18308516	0.0568879	0.441949	-2.2627	0.0575413	0.443139	-2.25663	0.00596976	0.256146	-3.90402	0.111641	0.518637	-1.92813	3.62019	8.2327	2.02143	1
cg24986868	0.205043	0.695411	-1.438	0.000117956	0.135704	-7.36899	0.00121113	0.256666	-3.89611	0.0190638	0.454643	-2.19953	11.3726	12.7996	0.875366	1
cg14426788	0.485077	0.796733	-1.25513	0.0115379	0.363541	-2.75072	0.124252	0.586765	-1.70426	0.0229963	0.41853	-2.38931	5.84777	9.50158	1.44429	1
cg03004323	0.0204615	1.30339	1.30339	5.86E-05	2.02581	2.02581	0.0970757	0.841336	-1.18859	0.0675315	1.21448	1.21448	9.85651	1.405	0.126707	1
cg09072756	0.130702	1.57268	1.57268	0.241141	0.711477	-1.40553	0.484612	1.21779	1.21779	0.278422	1.36707	1.36707	5.03438	6.13674	1.08353	1
cg27167195	0.188314	0.764488	-1.30807	0.879009	1.02978	1.02978	0.222094	1.28045	1.28045	0.0057083	0.497444	-2.01028	4.82435	2.83572	0.522483	1
cg07584765	0.925314	1.02983	1.02983	0.455904	1.26877	1.26877	0.0344403	2.16682	2.16682	0.364377	0.746629	-1.33935	4.10003	6.381	1.38341	1
cg24760753	0.530794	0.736236	-1.35826	0.54497	1.34373	1.34373	0.062307	0.363507	-2.75098	0.0677676	0.37279	-2.68248	3.72212	13.7105	3.27423	1
cg24405174	0.0230048	1.75607	1.75607	0.000136188	3.9243	3.9243	0.00201446	2.46519	2.46519	0.0470741	1.60095	1.60095	9.23218	6.27023	0.603707	1
cg12911476	0.0745049	0.790892	-1.2644	0.0304164	0.740534	-1.35038	0.894315	0.98443	-1.01582	0.32342	1.12797	1.12797	5.02013	1.10832	0.196244	1
cg23117316	0.418057	1.25804	1.25804	0.275422	0.729964	-1.36993	0.0205107	2.16921	2.16921	0.346543	1.30853	1.30853	3.50284	4.26922	1.08337	1
cg06073417	0.453249	0.843812	-1.1851	0.00147491	0.360625	-2.77296	0.188682	1.36282	1.36282	0.0678988	0.634755	-1.57541	6.14439	4.80781	0.69553	1
cg12806353	0.0718184	0.738509	-1.35408	0.17162	0.802931	-1.24544	0.609389	1.08082	1.08082	0.00936582	0.608387	-1.64369	5.73526	2.06606	0.320212	1
cg16014987	0.492027	1.11513	1.11513	0.0214975	1.5392	1.5392	0.589241	0.918401	-1.08885	0.922641	1.01528	1.01528	3.65408	1.41116	0.343277	1
cg04330122	0.0420747	1.63585	1.63585	0.133211	0.711502	-1.40548	0.0545348	1.58141	1.58141	0.00939828	1.9975	1.9975	3.50317	2.44972	0.621589	1
cg15362455	0.881465	0.948879	-1.05388	0.455007	0.765203	-1.30684	0.466706	1.29755	1.29755	0.837817	1.07474	1.07474	3.54068	6.93548	1.74115	1
cg05605564	0.800023	0.937406	-1.06677	0.812917	0.941413	-1.06223	0.664928	1.11736	1.11736	0.0251833	0.507653	-1.96985	8.27005	8.49361	0.912918	1
cg27058221	0.0539472	0.229938	-4.349	0.00237558	0.0580353	-17.2309	0.00831182	0.103668	-9.64614	0.0442344	0.211663	-4.72448	6.11048	43.6843	6.35473	1
cg16243646	0.288555	0.827628	-1.20827	0.000555035	0.398487	-2.5095	0.0550008	0.688227	-1.45301	0.188483	1.27032	1.27032	5.74646	2.68366	0.415121	1
cg12835256	0.0307083	0.287879	-3.47368	?	?	?	?	?	?	0.39189	1.53777	1.53777	4.19263	12.4298	3.38821	1
cg13728813	0.0349784	0.272221	-3.67348	0.0497658	0.305711	-3.27107	0.529968	1.40063	1.40063	0.0679811	0.338765	-2.9519	3.98185	17.6843	3.94776	1
cg06041156	0.0132649	0.654332	-1.52828	0.00406592	0.586835	-1.70406	0.691983	0.946457	-1.05657	0.188092	0.824684	-1.21259	4.78326	1.44686	0.268875	1
cg15976673	0.198892	0.578445	-1.72877	0.00242258	0.182171	-5.48934	0.0822215	2.17355	2.17355	0.0627263	2.32667	2.32667	3.84667	9.90575	2.28902	1
cg07580789	0.0172469	0.653007	-1.53138	0.0168403	1.53479	1.53479	0.745156	0.953222	-1.04907	0.228456	1.20403	1.20403	10.6921	3.65391	0.303767	1
cg06345027	0.390834	0.779713	-1.28252	0.754465	1.09285	1.09285	0.779491	0.923638	-1.08267	0.0485069	0.528423	-1.89242	6.09798	7.73508	1.12753	1
cg10842126	0.151651	2.07082	2.07082	0.00501983	5.8067	5.8067	0.0268807	3.46339	3.46339	0.0668221	2.64783	2.64783	3.81303	13.5614	3.16143	1
cg00022076	0.319368	1.15115	1.15115	0.0424715	1.37657	1.37657	0.600927	0.930352	-1.07486	0.298474	0.862934	-1.15884	14.0838	4.1736	0.263413	1
cg07093942	0.559669	0.960185	-1.04147	0.621632	0.966331	-1.03484	0.751792	0.978408	-1.02207	0.181678	1.10339	1.10339	4.76142	0.349028	0.0570137	1
cg09894072	0.807609	1.04726	1.04726	0.0427266	0.643038	-1.55512	0.00714166	0.518078	-1.93021	0.281715	0.809156	-1.23586	3.72683	2.11488	0.504421	1
cg22380508	0.0494947	1.32562	1.32562	0.000206072	0.457579	-2.18542	0.863843	1.02182	1.02182	0.0263995	1.3925	1.3925	9.55918	2.39451	0.22266	1
cg10266557	0.000351807	1.94646	1.94646	0.00101463	1.76014	1.76014	0.51487	1.0796	1.0796	0.831797	0.975633	-1.02498	8.26267	1.76028	0.189369	1
cg13840590	0.0318296	0.869767	-1.14973	0.0968288	0.903855	-1.10637	0.267672	0.937969	-1.06613	0.0513867	0.88425	-1.1309	5.55805	0.27076	0.0433021	1
cg03627015	0.0884065	1.66926	1.66926	0.71267	0.904098	-1.10607	0.692385	1.11447	1.11447	0.128588	0.639108	-1.56468	4.61123	5.42534	1.04582	1
cg16484943	0.274936	2.32011	2.32011	0.0815324	0.231133	-4.32652	0.260935	0.419168	-2.38568	0.880453	0.895881	-1.11622	4.20547	33.8387	5.36423	1
cg14114326	0.546998	0.833412	-1.19989	0.029117	2.15726	2.15726	0.535474	0.828924	-1.20638	0.372524	1.31486	1.31486	3.66908	5.19479	1.25851	1
cg20313400	0.0291231	0.915968	-1.09174	0.000528446	0.831697	-1.20236	0.0945659	1.06474	1.06474	0.00043541	1.20903	1.20903	24.6878	0.455615	0.0164045	1
cg16262173	0.0127905	0.318553	-3.1392	0.044637	0.426201	-2.34631	0.0319828	0.394734	-2.53335	0.0184598	0.347411	-2.87843	5.33861	11.5698	1.92639	1
cg16396488	0.111275	0.40132	-2.49178	0.00188753	0.0984405	-10.1584	0.166358	0.459922	-2.17428	0.0155967	0.210001	-4.76188	5.04815	22.1462	3.89955	1
cg26872792	0.273339	0.76161	-1.31301	0.0523347	0.590288	-1.69409	0.650391	0.896737	-1.11515	0.824555	1.05447	1.05447	3.80593	3.43968	0.803349	1
cg07280387	0.00529664	0.567879	-1.76094	0.308222	0.850123	-1.1763	0.0809137	0.742325	-1.34712	0.314468	1.17369	1.17369	3.41054	1.28031	0.333688	1
cg13211559	0.103144	0.327067	-3.05748	0.00340205	0.0824368	-12.1305	0.149754	0.379808	-2.63291	0.182103	0.411562	-2.42977	3.74285	23.2949	5.5323	1
cg08235413	0.0471848	1.48241	1.48241	0.000529736	2.54839	2.54839	0.439803	0.872343	-1.14634	0.570218	1.10457	1.10457	4.85648	2.31111	0.423007	1
cg22220722	0.0841468	1.30779	1.30779	0.0839184	1.3081	1.3081	0.00493809	0.592843	-1.68679	0.682028	0.943794	-1.05955	4.74469	1.48183	0.277612	1
cg11037787	0.721422	0.929142	-1.07626	0.00907555	1.97511	1.97511	0.977676	1.00576	1.00576	0.155871	0.732226	-1.3657	3.41736	2.28063	0.593213	1
cg20265470	0.0993818	1.5019	1.5019	0.710655	1.08753	1.08753	0.111301	0.676658	-1.47785	0.0177816	0.522609	-1.91348	5.17374	4.15478	0.713824	1
cg08042135	0.765469	1.05926	1.05926	0.0302636	1.63271	1.63271	0.944977	1.01337	1.01337	0.576461	0.897088	-1.11472	4.68276	2.74692	0.521425	1
cg01063509	0.102332	0.382285	-2.61585	0.00159482	0.0874669	-11.4329	0.0239494	0.234825	-4.2585	0.0834563	0.356806	-2.80264	4.58036	20.9866	4.07276	1
cg26816312	0.319125	0.877929	-1.13904	3.64E-08	0.0831881	-12.0209	7.60E-06	0.288277	-3.46889	0.728148	0.956836	-1.04511	67.5612	17.1086	0.225094	1
cg05048624	0.103506	0.354041	-2.82453	0.00749517	0.13436	-7.44269	0.0123637	0.162649	-6.14823	0.068559	0.304543	-3.2836	5.22056	28.1171	4.78742	1
cg18881992	0.218174	1.12798	1.12798	0.065424	1.21199	1.21199	0.143356	0.863981	-1.15743	0.0338495	0.794266	-1.25902	4.26185	0.583431	0.121685	1
cg07142319	0.0125397	0.2354	-4.2481	0.0223251	0.279325	-3.58006	0.00799782	0.205298	-4.87097	0.238158	0.562398	-1.7781	4.15859	14.2908	3.05462	1
cg22023448	0.0580909	0.489773	-2.04176	0.00346206	0.266419	-3.75349	0.030546	0.428703	-2.33262	0.308009	0.703529	-1.42141	4.03549	7.09834	1.56354	1
cg14321743	0.183086	0.606253	-1.64948	0.996572	1.00152	1.00152	0.0370183	0.424024	-2.35836	0.930143	0.969415	-1.03155	3.85731	7.66725	1.76686	1
cg16825000	0.421095	0.915738	-1.09202	0.000109689	0.482198	-2.07384	0.0553847	1.26184	1.26184	0.00604993	0.681137	-1.46813	21.4608	3.89869	0.16148	1
cg07371323	0.0284611	0.607917	-1.64496	0.450814	1.15939	1.15939	0.0114686	0.543978	-1.83831	0.215555	0.778097	-1.28519	11.1573	6.54735	0.521618	1
cg24613957	0.0500715	0.6806	-1.46929	0.934646	1.01422	1.01422	0.58832	1.09869	1.09869	0.769323	1.05195	1.05195	10.565	4.96312	0.417572	1
cg10812684	0.00325687	0.442265	-2.26109	0.00060814	0.341518	-2.92811	0.337484	0.817843	-1.22273	0.106116	0.698452	-1.43174	5.77038	3.77934	0.582183	1
cg00573165	0.0291834	0.572205	-1.74763	0.621473	0.897527	-1.11417	0.858741	1.03946	1.03946	0.0623972	0.634064	-1.57713	4.1397	3.09356	0.664259	1
cg24742092	0.0242786	0.397445	-2.51607	0.295719	0.688948	-1.45149	0.0434264	0.450192	-2.22128	0.474947	0.779067	-1.28359	3.66829	6.85974	1.66223	1
cg09851650	0.853291	0.977942	-1.02256	0.560608	0.931554	-1.07347	2.52E-05	0.365054	-2.73932	8.31E-05	0.425847	-2.34826	61.9314	14.2399	0.204382	1
cg16087263	0.208845	1.23858	1.23858	0.000407378	0.403668	-2.47728	0.00153763	0.479015	-2.08762	0.201716	0.804344	-1.24325	22.1415	9.14685	0.367209	1
cg09317398	0.00423593	0.418164	-2.3914	0.683218	1.09794	1.09794	0.326466	0.793967	-1.2595	0.0225201	0.536715	-1.86318	9.12538	7.49552	0.730127	1
cg05339856	0.102945	0.603081	-1.65815	0.336362	0.755035	-1.32444	0.000658868	0.227845	-4.38894	0.163878	0.656316	-1.52366	6.33919	8.06724	1.1312	1
cg09976564	0.00843908	0.512414	-1.95155	0.000410891	0.327877	-3.04992	0.0947997	0.694217	-1.44047	0.0121722	0.537351	-1.86098	13.176	8.24608	0.556302	1
cg26746560	0.158574	1.48303	1.48303	0.0264894	0.50264	-1.9895	0.610054	1.14396	1.14396	0.0624767	0.577956	-1.73024	6.24885	6.76721	0.962625	1
cg25375569	0.593913	1.09137	1.09137	0.203515	1.24367	1.24367	0.0658627	0.715115	-1.39838	0.470942	0.88767	-1.12655	6.21808	2.5996	0.371619	1
cg02214441	0.9509	1.0118	1.0118	0.101126	1.40773	1.40773	0.0489653	0.651666	-1.53453	0.047103	0.648685	-1.54158	5.61268	3.22547	0.510823	1
cg17733820	0.112346	0.436488	-2.29102	0.0302355	0.290188	-3.44604	0.0069416	0.178393	-5.60559	0.137035	0.4645	-2.15285	3.89239	10.5133	2.70098	1
cg23610736	0.00314657	0.323255	-3.09353	0.038867	0.512152	-1.95255	0.336456	0.757829	-1.31956	0.967601	0.9887	-1.01143	8.54149	10.5904	1.10211	1
cg09320113	0.00327451	1.4857	1.4857	0.0694046	0.818219	-1.22217	0.0453152	0.797084	-1.25457	0.00544795	0.696886	-1.43495	7.35642	1.13666	0.137345	1
cg25198029	0.213637	0.750261	-1.33287	0.715763	1.08355	1.08355	0.695912	1.09001	1.09001	0.0179085	0.531878	-1.88013	4.75253	3.62388	0.677792	1
cg12986110	0.919704	0.940267	-1.06353	0.00147102	0.0605668	-16.5107	0.0339089	0.220326	-4.53872	0.0809226	0.306623	-3.26133	5.73438	33.885	5.25253	1
cg15109207	0.629186	1.21178	1.21178	0.0651532	2.2647	2.2647	0.0144678	3.28592	3.28592	0.366487	1.44236	1.44236	5.44344	13.4371	2.19422	1
cg14780446	0.966203	1.01301	1.01301	0.00182385	3.86196	3.86196	0.0486125	1.98775	1.98775	0.224102	1.47626	1.47626	5.35948	7.89574	1.30954	1
cg13651483	0.290381	0.499422	-2.00232	0.00144983	0.0543884	-18.3863	0.284367	0.494756	-2.0212	0.156491	0.383251	-2.60925	4.53467	28.7546	5.6365	1
cg23522194	0.890433	1.0569	1.0569	0.00419419	4.66356	4.66356	0.00892851	3.80174	3.80174	0.27942	1.5706	1.5706	4.39449	11.2179	2.26908	1
cg26268742	0.0452665	0.366006	-2.73219	0.00368802	0.179519	-5.57044	0.700406	1.18434	1.18434	0.0826431	0.431214	-2.31903	3.9275	11.9119	2.69595	1
cg02380983	0.421222	0.706572	-1.41528	0.00949185	0.249283	-4.01151	0.127821	0.498603	-2.00561	0.401432	0.695563	-1.43768	3.65428	10.3419	2.51561	1
cg02444300	0.119251	0.335771	-2.97822	0.0662939	0.264597	-3.77933	0.52992	0.663162	-1.50793	0.954458	1.03755	1.03755	3.83523	25.3083	5.86569	1
cg02624051	0.0041254	2.27498	2.27498	0.000153407	0.249905	-4.00153	0.0122189	1.94858	1.94858	0.0879197	1.49545	1.49545	28.1641	20.366	0.642773	1
cg13762474	0.0160416	0.645833	-1.54839	6.62E-06	0.226175	-4.42135	0.000881324	2.09494	2.09494	0.670283	0.938444	-1.06559	28.0186	9.76492	0.309791	1
cg17867243	0.00287726	2.39374	2.39374	0.0245487	0.56539	-1.76869	0.00269279	2.41796	2.41796	0.0359222	1.68137	1.68137	27.2904	19.5928	0.638165	1
cg00202454	0.327939	0.665587	-1.50243	9.33E-05	0.0602227	-16.605	0.0489396	2.47539	2.47539	0.354981	0.681405	-1.46756	13.656	35.1494	2.28793	1
cg03319638	0.0450625	0.573354	-1.74412	0.00021676	0.224788	-4.44864	0.425955	1.21731	1.21731	0.239304	0.742245	-1.34726	8.7676	8.12469	0.823708	1
cg04202736	0.197536	1.69937	1.69937	0.00602287	0.247364	-4.04263	0.218894	1.65429	1.65429	0.369296	1.43181	1.43181	5.61439	13.4749	2.1334	1
cg00226831	0.0179497	0.262962	-3.80283	0.00264924	0.144924	-6.90016	0.694465	1.20125	1.20125	0.300535	0.607578	-1.64588	5.29048	18.0761	3.03708	1
cg11811131	0.790211	1.11657	1.11657	0.00506973	0.216068	-4.62816	0.00835968	4.0288	4.0288	0.0575048	0.411344	-2.43106	5.22339	14.1462	2.40732	1
cg02760164	0.363258	0.70617	-1.41609	0.00103603	0.163813	-6.10453	0.152854	1.76833	1.76833	0.743582	1.13	1.13	4.93837	10.8426	1.95163	1
cg21142456	0.947233	0.98318	-1.01711	0.0104989	0.438081	-2.28268	0.0131813	2.19813	2.19813	0.0491567	0.562409	-1.77807	4.41324	4.59099	0.924691	1
cg27644513	0.00604914	0.572761	-1.74593	0.000223338	0.384853	-2.59839	0.108432	1.31282	1.31282	0.144012	1.2763	1.2763	13.2207	5.05848	0.340104	1
cg24146288	0.858388	0.919467	-1.08759	0.00957563	0.213911	-4.67484	0.0015301	0.117169	-8.53471	0.0100457	0.217085	-4.60648	7.8615	27.5165	3.11125	1
cg10177987	0.0589297	0.446919	-2.23754	0.00425222	0.235848	-4.24001	0.00467968	0.241793	-4.13577	0.0927885	0.497413	-2.0104	4.6306	10.4556	2.00706	1
cg05161074	0.041472	0.360833	-2.77137	0.0105263	0.247721	-4.03679	0.00486479	0.198183	-5.04585	0.177817	0.537506	-1.86044	3.66948	10.9235	2.64609	1
cg22490420	0.172029	1.32602	1.32602	0.0935863	1.4304	1.4304	0.0157357	0.562995	-1.77621	0.770537	0.944811	-1.05841	11.8842	7.09166	0.530426	1
cg00150025	0.00191399	0.347768	-2.87548	0.253591	1.33184	1.33184	0.0184128	0.502927	-1.98836	0.000276643	0.239165	-4.18121	7.84915	7.18096	0.813219	1
cg17895496	0.0718463	1.35046	1.35046	0.0110815	1.60995	1.60995	0.0195061	0.655692	-1.52511	0.551935	1.09414	1.09414	5.85849	2.0738	0.31465	1
cg07720646	0.406539	1.2155	1.2155	0.777216	1.06737	1.06737	0.0689233	0.626348	-1.59656	0.00921732	0.467786	-2.13773	5.31741	4.4489	0.743704	1
cg05397010	0.244358	0.547397	-1.82683	0.396788	0.650956	-1.5362	0.424133	0.667728	-1.49762	0.0130543	0.217935	-4.58852	4.4185	17.1303	3.44618	1
cg16920001	0.0465355	0.278567	-3.5898	0.0257669	0.226598	-4.4131	0.139164	0.409667	-2.44101	0.178616	0.448801	-2.22816	3.72998	18.5691	4.4252	1
cg19521927	0.00320365	0.500695	-1.99722	0.00581727	0.537419	-1.86074	0.00910564	0.565701	-1.76772	0.00329621	0.502426	-1.99034	12.073	5.65209	0.416142	1
cg02082083	0.163424	0.502314	-1.99079	0.0222969	0.281451	-3.55301	0.02822	0.301378	-3.31809	0.493067	0.724528	-1.38021	4.79373	16.2686	3.01665	1
cg06222062	0.0775038	0.441617	-2.26441	0.0172865	0.298865	-3.34599	0.0499609	0.394114	-2.53734	0.63967	0.821692	-1.217	3.88997	10.6876	2.44219	1
cg14316339	0.00477311	0.772502	-1.29449	0.0991248	1.13265	1.13265	0.429215	1.05718	1.05718	0.220639	1.09277	1.09277	21.4257	1.61084	0.0668289	1
cg06321962	0.00546474	0.417441	-2.39555	0.00180689	0.346179	-2.88868	0.486117	0.844345	-1.18435	0.00357494	0.389264	-2.56895	20.1027	18.1977	0.804654	1
cg19787769	0.0893991	0.807621	-1.2382	0.329692	0.891583	-1.1216	0.191263	0.853978	-1.17099	0.566134	0.935976	-1.0684	11.8617	2.44499	0.183221	1
cg18918090	0.871839	1.02478	1.02478	0.00945471	1.6465	1.6465	0.585058	1.08719	1.08719	0.0901806	0.753418	-1.32729	9.87792	3.59639	0.32363	1
cg15322185	0.0680515	1.4442	1.4442	0.00376921	2.02022	2.02022	0.694575	1.07356	1.07356	0.832254	0.962567	-1.03889	9.12152	4.67392	0.455472	1
cg26983127	0.0183412	0.78172	-1.27923	0.0203017	0.786054	-1.27218	0.535199	0.947404	-1.05552	0.262338	1.10579	1.10579	7.2801	0.853545	0.104216	1
cg04044021	0.0807305	0.713135	-1.40226	0.0208008	0.615256	-1.62534	0.22775	1.24734	1.24734	0.270093	0.818358	-1.22196	5.58815	2.69673	0.42896	1
cg11071146	0.328157	0.818462	-1.2218	0.84135	1.04058	1.04058	0.235466	0.781311	-1.2799	0.131578	0.723916	-1.38138	4.43882	2.76942	0.554586	1
cg22700301	0.262941	1.18151	1.18151	0.660257	1.06525	1.06525	0.364818	1.14234	1.14234	0.214063	1.20557	1.20557	3.63336	1.17523	0.287517	1
cg03409699	0.535393	1.15108	1.15108	0.273009	1.29142	1.29142	0.646206	0.901575	-1.10917	0.0580874	0.618685	-1.61633	3.49054	2.77806	0.70745	1
cg27087057	0.360706	1.13277	1.13277	1.95E-06	0.209617	-4.7706	0.650727	0.941322	-1.06234	0.626187	0.936948	-1.06729	29.423	8.2023	0.247797	1
cg21269330	0.58498	0.943793	-1.05955	0.0164159	0.735195	-1.36018	0.333218	1.11038	1.11038	0.516394	0.933312	-1.07145	6.84678	1.19314	0.1549	1
cg08383338	0.299712	0.784459	-1.27476	0.763587	1.07051	1.07051	0.56798	1.13925	1.13925	0.838604	1.04714	1.04714	4.27448	3.45405	0.718278	1
cg18491375	0.00227769	0.383424	-2.60808	0.105946	0.672563	-1.48685	0.251734	0.764169	-1.30861	0.434542	1.19615	1.19615	4.13223	3.30227	0.710355	1
cg23277376	0.0630429	2.07891	2.07891	0.00814776	0.305647	-3.27175	0.154241	1.70537	1.70537	?	?	?	3.80627	5.7433	1.72446	1
cg26705953	?	?	?	0.000146514	0.419077	-2.38619	0.262823	0.856059	-1.16814	0.61256	1.07035	1.07035	11.2156	2.79829	0.2495	1
cg04043742	0.220064	0.895789	-1.11633	0.00257777	0.700057	-1.42846	0.031689	0.806579	-1.2398	0.0221628	1.26373	1.26373	6.68468	0.771152	0.102543	1
cg20257553	0.043418	5.68319	5.68319	0.00140654	31.7942	31.7942	0.0099843	11.3995	11.3995	0.0431882	5.69722	5.69722	5.30689	47.0328	7.87786	1
cg16650308	0.0775593	1.2869	1.2869	0.00508499	1.6098	1.6098	0.00581587	1.59105	1.59105	0.904801	0.984735	-1.0155	4.2303	1.1075	0.232713	1
cg12991125	0.0792749	11.6755	11.6755	0.00463722	115.67	115.67	0.0100886	60.0449	60.0449	0.0591821	14.6914	14.6914	3.94596	99.4417	22.4008	1
cg24235037	0.0901182	4.08142	4.08142	0.00512198	16.1939	16.1939	0.0206136	8.16206	8.16206	0.108401	3.73858	3.73858	3.6999	33.2235	7.98183	1
cg11228250	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14032856	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14563754	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11493065	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14674582	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08540622	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12635662	PLAC1L	1.34E-06	5.84E-07	0.0768739	-13.0083	0.00464865	0.496065	-2.01586	9.35E-06	0.168346	-5.94015	1.33E-05	0.182733	-5.47247	0.000371859	0.346273	-2.8879
cg07128890	PLAC1L	9.20E-06	1.71E-06	0.0398603	-25.0876	0.486918	0.82695	-1.20926	0.000282398	0.20265	-4.93461	0.00042056	0.222311	-4.49821	0.00394789	0.352402	-2.83767
cg05868413	PLAC1L	1.79E-05	8.98E-06	0.059998	-16.6672	0.00311652	0.306536	-3.26226	0.000377831	0.189849	-5.26735	1.99E-05	0.0799434	-12.5089	0.000214475	0.164068	-6.09505
cg08505647	PLAC1L	0.0196696	0.0168156	0.113972	-8.77407	0.0336018	0.157586	-6.34576	0.0298512	0.14916	-6.7042	0.180645	0.347058	-2.88136	0.0195576	0.1224	-8.16995
cg20709136	PLAC1L	0.0230599	0.0335632	0.357893	-2.79413	0.0454977	0.387035	-2.58375	0.0208625	0.316382	-3.16074	0.545655	0.77639	-1.28801	0.0223273	0.322032	-3.10529
cg15655935	PLAC1L	0.0459119	0.0271415	0.142778	-7.00387	0.110034	0.273529	-3.65593	0.0128285	0.100245	-9.97557	0.0658859	0.215283	-4.64506	0.545741	0.634415	-1.57625
cg08648317	PLAC1L;PLAC1L	1.03E-05	4.02E-06	0.0700032	-14.2851	0.0229915	0.508954	-1.96481	0.000361024	0.241558	-4.13979	6.61E-05	0.162456	-6.15552	7.72E-05	0.168986	-5.91765
cg19216791	PLAC2	0.00170387	0.345609	1.27027	1.27027	0.0257242	1.92018	1.92018	0.131968	1.49248	1.49248	0.557621	1.15726	1.15726	0.00074017	0.283083	-3.53254
cg24349886	PLAC2	0.00306431	0.109381	2.38245	2.38245	0.0237228	3.8292	3.8292	0.0412592	3.22482	3.22482	0.291857	1.72272	1.72272	0.00285966	0.129899	-7.69827
cg04993257	PLAC2	0.00783985	0.281039	1.41248	1.41248	0.00560157	3.06833	3.06833	0.621564	1.16575	1.16575	0.479009	1.24835	1.24835	0.0700563	0.535652	-1.86688
cg16483916	PLAC2	0.00935931	0.744272	0.962815	-1.03862	0.208977	1.1657	1.1657	0.000299869	1.97561	1.97561	0.840728	1.02357	1.02357	0.958765	0.994032	-1.006
cg20740328	PLAC2	0.0155791	0.596316	0.89283	-1.12003	0.000806334	0.342303	-2.92138	0.123522	0.702051	-1.4244	0.452625	0.850232	-1.17615	0.0913473	0.674172	-1.4833
cg15688918	PLAC2	0.0221662	0.352034	1.22829	1.22829	0.317284	0.800954	-1.24851	0.173006	1.36523	1.36523	0.951363	0.986989	-1.01318	0.385153	0.826	-1.21065
cg02060567	PLAC8;PLAC8	4.05E-06	0.319431	0.855693	-1.16864	0.0525227	0.716119	-1.39642	0.000221998	0.394014	-2.53798	4.07E-07	0.112297	-8.90497	0.000183193	0.383683	-2.60632
cg11606215	PLAC8;PLAC8	0.00335534	0.0166411	0.285645	-3.50085	0.0220018	0.308126	-3.24542	0.00288968	0.17282	-5.78638	0.00421629	0.193592	-5.1655	0.00103328	0.12456	-8.02828
cg23586595	PLAC8;PLAC8	0.0285663	0.156938	0.716306	-1.39605	0.197874	0.740848	-1.3498	0.0936005	0.666033	-1.50143	0.00791047	0.472019	-2.11856	0.0531872	0.616223	-1.62279
cg19255783	PLAC8;PLAC8	0.0339933	0.0175408	0.23734	-4.21337	0.0776195	0.376832	-2.6537	0.0184518	0.241165	-4.14654	0.272599	0.566552	-1.76506	0.00719878	0.177982	-5.61854
cg16039724	PLAC8;PLAC8;PLAC8	0.00103445	0.0605812	0.724662	-1.37995	0.358948	0.866254	-1.1544	0.0725832	0.737183	-1.35651	0.119705	1.29301	1.29301	8.45E-05	0.34104	-2.93221
cg08519643	PLAC8;PLAC8;PLAC8	0.0162601	0.270392	0.737055	-1.35675	0.415817	1.24746	1.24746	0.0428869	0.538194	-1.85807	0.868342	1.04509	1.04509	0.0142709	0.447783	-2.23322
cg17769387	PLAC8;PLAC8;PLAC8	0.0182603	0.0304814	0.654305	-1.52834	0.0737676	0.717138	-1.39443	0.057673	0.69904	-1.43053	0.827658	0.964283	-1.03704	0.781049	1.04758	1.04758
cg23704733	PLAC8;PLAC8;PLAC8	0.0409305	0.939101	0.990153	-1.00994	0.179866	1.20258	1.20258	0.784809	1.03608	1.03608	0.347042	0.882145	-1.1336	0.30411	0.871242	-1.14779
cg24402880	PLAC8;PLAC8;PLAC8;PLAC8	0.00205319	0.00567261	0.556441	-1.79714	0.394468	0.868584	-1.1513	0.000284952	0.383927	-2.60466	0.0468828	0.692461	-1.44412	0.00202891	0.495107	-2.01977
cg01904727	PLAC8L1	0.016688	0.00360974	0.258152	-3.87369	0.0872398	0.522541	-1.91372	0.0024736	0.235417	-4.24779	0.486931	0.784433	-1.27481	0.781953	0.909036	-1.10007
cg10549974	PLAC9	0.000558451	0.00270197	0.471723	-2.11989	0.00139503	0.431932	-2.31518	0.00100108	0.412434	-2.42463	0.0603248	0.681092	-1.46823	8.85E-05	0.279959	-3.57195
cg06049774	PLAC9	0.0353532	0.759445	0.895842	-1.11627	0.238786	1.55557	1.55557	0.224228	0.633038	-1.57968	0.116135	1.84322	1.84322	0.0205816	0.368289	-2.71526
cg24530116	PLAC9	0.0443774	0.348986	0.716559	-1.39556	0.966562	1.0146	1.0146	0.0428228	2.23869	2.23869	0.424066	1.32608	1.32608	0.0508966	0.463562	-2.15721
cg06516328	PLAC9;PLAC9	0.00109239	0.00148517	0.466695	-2.14273	5.72E-05	0.288916	-3.46121	0.0123427	0.5957	-1.6787	0.963516	0.992423	-1.00763	0.0156324	0.610914	-1.63689
cg01994308	PLAG1;CHCHD7;CHCHD7;CHCHD7;PLAG1;CHCHD7;PLAG1;CHCHD7;CHCHD7	0.0350302	0.360102	0.733952	-1.36249	0.00315677	3.76642	3.76642	0.0447911	2.13234	2.13234	0.972088	1.01157	1.01157	0.864666	0.945464	-1.05768
cg20909773	PLAG1;PLAG1;PLAG1	0.00187849	0.000965259	0.175947	-5.68352	0.00209001	0.216284	-4.62356	0.0471016	0.447782	-2.23323	0.00508566	0.269976	-3.70403	0.0026981	0.230872	-4.3314
cg07136641	PLAG1;PLAG1;PLAG1	0.00330761	0.0730483	1.45368	1.45368	0.0515253	0.660522	-1.51396	0.636176	1.09326	1.09326	0.396902	0.850167	-1.17624	7.03E-05	0.257359	-3.88563
cg09704885	PLAG1;PLAG1;PLAG1	0.00518583	0.0075013	0.163169	-6.1286	0.00481038	0.139351	-7.17613	0.0348345	0.273699	-3.65365	0.0112922	0.187955	-5.32043	0.00890915	0.173238	-5.7724
cg14284907	PLAG1;PLAG1;PLAG1	0.0260989	0.0424856	0.339717	-2.94363	0.0159079	0.255497	-3.91394	0.0888252	0.420043	-2.38071	0.0081598	0.209154	-4.78117	0.0127975	0.239547	-4.17454
cg22352234	PLAGL1;HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAG	0.000352528	0.178526	1.08594	1.08594	0.000179316	0.693531	-1.4419	0.00277165	0.788184	-1.26874	0.704794	0.978283	-1.0222	0.412682	0.952836	-1.0495
cg00702231	PLAGL1;HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAG	0.00904456	0.7214	1.05659	1.05659	0.00191719	0.508928	-1.96491	0.0115736	0.615463	-1.62479	0.816954	1.03629	1.03629	0.792069	1.04146	1.04146
cg12757684	PLAGL1;HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAG	0.011271	0.296686	0.866004	-1.15473	0.00389205	0.596392	-1.67675	0.0212895	0.692093	-1.44489	0.531682	0.919214	-1.08789	0.229932	0.845788	-1.18233
cg10007452	PLAGL1;HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAG	0.0432617	0.862353	1.01379	1.01379	0.018306	0.797748	-1.25353	0.0922803	0.863963	-1.15746	0.51115	0.948767	-1.054	0.492155	1.0566	1.0566
cg02926622	PLAGL1;PLAGL1	1.31E-06	1.53E-07	11.1312	11.1312	0.0211331	1.50371	1.50371	0.0176734	1.52895	1.52895	2.87E-07	9.22171	9.22171	0.195372	0.817506	-1.22323
cg07018708	PLAGL1;PLAGL1	0.000299922	0.339177	0.889522	-1.1242	0.958573	1.00619	1.00619	0.0640899	0.780929	-1.28053	0.398227	1.10825	1.10825	1.05E-05	0.326593	-3.06191
cg01595870	PLAGL1;PLAGL1	0.000882078	0.0120243	1.95565	1.95565	0.0244133	0.563136	-1.77577	0.00497003	2.21725	2.21725	0.843092	0.958452	-1.04335	0.00214422	0.397253	-2.51729
cg00814597	PLAGL1;PLAGL1	0.000902816	0.030772	1.56284	1.56284	0.374145	1.17417	1.17417	0.296205	1.21002	1.21002	0.00274428	2.06986	2.06986	0.000449954	0.377648	-2.64797
cg16334244	PLAGL1;PLAGL1	0.00108167	0.657752	0.84738	-1.18011	0.263609	1.54164	1.54164	0.962181	1.01777	1.01777	0.592007	0.817961	-1.22255	0.00281474	0.21685	-4.61147
cg02279224	PLAGL1;PLAGL1	0.00145801	0.0638625	0.52783	-1.89455	0.194948	1.52279	1.52279	0.0585978	1.9259	1.9259	0.0137494	2.54565	2.54565	0.425829	0.779228	-1.28332
cg09293391	PLAGL1;PLAGL1	0.00527065	0.289906	1.29681	1.29681	0.112106	0.664082	-1.50584	0.195195	1.38291	1.38291	0.128424	0.677841	-1.47527	0.00130094	0.330149	-3.02894
cg04895233	PLAGL1;PLAGL1	0.00589181	0.0176469	0.343598	-2.91038	0.0693852	2.12073	2.12073	0.301858	1.48564	1.48564	0.00463301	4.03096	4.03096	0.00719663	0.276974	-3.61045
cg08256027	PLAGL1;PLAGL1	0.00647182	0.00843102	0.644126	-1.55249	0.103609	1.26204	1.26204	0.0520133	1.33513	1.33513	0.0961982	1.26979	1.26979	0.328443	0.876443	-1.14098
cg04232541	PLAGL1;PLAGL1	0.00661774	0.77157	0.96151	-1.04003	0.000127103	2.45731	2.45731	0.062751	1.32621	1.32621	0.863377	0.977045	-1.02349	0.953576	0.992181	-1.00788
cg21113768	PLAGL1;PLAGL1	0.00707309	0.00400608	0.158725	-6.30021	0.636193	0.797087	-1.25457	0.500533	0.722203	-1.38465	0.520348	1.3636	1.3636	0.0397403	0.322491	-3.10086
cg20931541	PLAGL1;PLAGL1	0.00709412	0.00644989	0.361131	-2.76908	0.0588744	1.84682	1.84682	0.0771061	1.7597	1.7597	0.0109278	0.39913	-2.50545	0.01096	0.39935	-2.50407
cg25535418	PLAGL1;PLAGL1	0.00995713	0.0960122	0.531361	-1.88196	0.301069	1.44866	1.44866	0.130399	1.75955	1.75955	0.798489	1.09253	1.09253	0.00210161	0.223933	-4.46563
cg06493166	PLAGL1;PLAGL1	0.011284	0.421482	1.35992	1.35992	0.313855	1.47692	1.47692	0.103337	1.94835	1.94835	0.0111717	3.28876	3.28876	0.0986542	0.507659	-1.96983
cg02566775	PLAGL1;PLAGL1	0.015095	0.0174241	0.311399	-3.21131	0.00398308	0.210093	-4.75979	0.00771892	0.251728	-3.97254	0.0370844	0.376954	-2.65284	0.0887418	0.469208	-2.13125
cg10254692	PLAGL1;PLAGL1	0.0167231	0.169093	1.46142	1.46142	0.470985	1.20914	1.20914	0.0474408	1.79907	1.79907	0.507802	0.840298	-1.19005	0.012234	0.44561	-2.24411
cg07750706	PLAGL1;PLAGL1	0.0283529	0.057535	2.35804	2.35804	0.955385	1.0226	1.0226	0.211564	1.69152	1.69152	0.206592	1.70237	1.70237	0.00191575	0.172929	-5.78271
cg25291978	PLAGL1;PLAGL1	0.0339353	0.0752818	0.411558	-2.42979	0.733305	1.16569	1.16569	0.0716663	2.46347	2.46347	0.101622	2.23311	2.23311	0.0056506	0.196341	-5.09317
cg18144296	PLAGL1;PLAGL1	0.0434849	0.0302038	0.712921	-1.40268	0.596984	0.931603	-1.07342	0.0462694	0.738487	-1.35412	0.155738	0.81737	-1.22344	0.988344	0.998062	-1.00194
cg04319464	PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.000143611	0.665019	1.07809	1.07809	0.370862	1.17188	1.17188	3.59E-06	6.52473	6.52473	0.94417	0.987984	-1.01216	0.551912	1.10947	1.10947
cg18593039	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;HYMAI;PLAGL1;PLAGL1	0.0315149	0.659972	1.16942	1.16942	0.311187	0.690468	-1.44829	0.0166691	0.355857	-2.81011	0.771357	1.1085	1.1085	0.0194526	0.3684	-2.71444
cg23840797	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;HYMAI;PLAGL1;PLAGL1	0.0369522	0.597162	0.831262	-1.20299	0.627876	0.844292	-1.18442	0.212784	0.634637	-1.5757	0.591239	0.828732	-1.20666	0.00711093	0.299733	-3.3363
cg14161241	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;HYMAI;PLAGL1	0.0408049	0.645735	1.22576	1.22576	0.0997683	2.2106	2.2106	0.135522	0.492872	-2.02893	0.0739795	0.416549	-2.40068	0.00218538	0.151079	-6.61905
cg17870553	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.000309791	0.851945	1.01716	1.01716	1.59E-05	0.444393	-2.25026	0.00169078	0.664611	-1.50464	0.140273	0.865467	-1.15545	0.71228	1.03431	1.03431
cg26261298	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.000318852	0.00811302	2.2295	2.2295	0.000237347	4.22177	4.22177	0.939681	0.982258	-1.01806	0.160719	1.42535	1.42535	0.00328144	0.387619	-2.57985
cg06271237	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0011471	0.190841	1.29677	1.29677	0.517925	1.13087	1.13087	0.212089	0.781444	-1.27968	0.371065	0.841707	-1.18806	0.00015903	0.297827	-3.35765
cg01659632	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.00136638	0.0438729	0.527909	-1.89426	0.0228277	0.471758	-2.11973	0.0121406	0.422225	-2.3684	0.00175524	0.29238	-3.42021	0.000529333	0.225689	-4.43087
cg12419863	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.00749966	0.940392	1.02569	1.02569	0.00261161	4.11154	4.11154	0.187483	1.60599	1.60599	0.543912	0.811943	-1.23161	0.0136454	0.355349	-2.81414
cg13607311	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.00778487	0.532745	1.1669	1.1669	0.00198874	0.34415	-2.90571	0.00390918	0.387188	-2.58272	0.0494805	1.72907	1.72907	0.00565842	0.411932	-2.42758
cg01445838	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0184049	0.606854	0.908492	-1.10072	0.33492	1.20185	1.20185	0.819141	1.04326	1.04326	0.913495	0.980109	-1.02029	0.00189413	0.443098	-2.25684
cg21776667	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0334178	0.376191	0.781088	-1.28026	0.126841	0.638112	-1.56712	0.00819622	0.398395	-2.51007	0.191353	1.45695	1.45695	0.00515684	0.366099	-2.7315
cg05860190	PLAGL2	2.13E-05	0.212876	0.869057	-1.15067	0.424226	1.09123	1.09123	0.0240925	1.33346	1.33346	3.38E-06	3.22843	3.22843	0.0278915	0.757324	-1.32044
cg12252776	PLAGL2	6.46E-05	0.0796935	1.32745	1.32745	0.00277043	1.82395	1.82395	0.511613	0.907601	-1.10181	0.0759708	1.33324	1.33324	5.99E-06	0.227913	-4.38765
cg18463417	PLAGL2;POFUT1;POFUT1	0.0199182	0.109682	0.693918	-1.44109	0.290727	1.25827	1.25827	0.21758	0.762009	-1.31232	0.784328	1.05917	1.05917	0.00392289	0.443372	-2.25544
cg17524287	PLAT;PLAT	4.96E-05	0.00048213	0.560925	-1.78277	0.196942	0.865838	-1.15495	8.46E-05	0.474103	-2.10925	0.0260786	0.756667	-1.32159	1.88E-05	0.398846	-2.50723
cg17828057	PLAT;PLAT	0.00509996	0.279727	1.31481	1.31481	0.054896	1.69933	1.69933	0.114214	1.51964	1.51964	0.834804	0.950411	-1.05218	0.827637	0.948277	-1.05454
cg13880167	PLAT;PLAT	0.00571458	0.0355912	0.383484	-2.60767	0.0056266	4.15351	4.15351	0.910976	0.957125	-1.0448	0.594087	1.2346	1.2346	0.208826	0.595064	-1.68049
cg11530213	PLAT;PLAT	0.00629758	0.00403581	0.311294	-3.2124	0.00956728	0.371027	-2.69522	0.416678	0.778153	-1.28509	0.558425	0.83625	-1.19581	0.00883097	0.365182	-2.73836
cg00491021	PLAT;PLAT	0.00772392	0.128974	0.660388	-1.51426	0.131223	0.662243	-1.51002	0.00921498	0.433423	-2.30722	0.970763	1.00931	1.00931	0.0128338	2.18492	2.18492
cg06931905	PLAT;PLAT	0.00844042	0.132872	0.822612	-1.21564	0.00464109	0.635416	-1.57377	0.750382	0.962293	-1.03919	0.491854	0.919364	-1.08771	0.00283786	0.60964	-1.64031
cg22038738	PLAT;PLAT	0.0262289	0.0480076	0.682278	-1.46568	0.903086	0.979607	-1.02082	0.648214	0.925245	-1.08079	0.791467	1.04584	1.04584	0.526158	1.11476	1.11476
cg18899064	PLAT;PLAT	0.0382362	0.0530665	0.327118	-3.057	0.038938	3.37088	3.37088	0.0954529	2.53744	2.53744	0.937703	0.961042	-1.04054	0.0627632	0.34493	-2.89914
cg03960326	PLAT;PLAT	0.0402392	0.538989	0.811932	-1.23163	0.116744	1.76974	1.76974	0.70863	1.13398	1.13398	0.315938	1.41523	1.41523	0.13806	1.70722	1.70722
cg04084348	PLAU;C10orf55;PLAU	0.00563053	0.00717046	0.281542	-3.55187	0.0118623	0.317633	-3.14829	0.00171617	0.195156	-5.1241	0.00128023	0.18006	-5.5537	0.010564	0.309028	-3.23596
cg12351660	PLAU;C10orf55;PLAU	0.00793774	0.00490323	0.453502	-2.20506	0.0752849	0.656992	-1.52209	0.00271908	2.40644	2.40644	0.727744	1.07695	1.07695	0.0126959	0.518414	-1.92896
cg07203452	PLAU;C10orf55;PLAU	0.00966386	0.487343	1.16462	1.16462	0.81595	0.950894	-1.05164	0.881419	1.03276	1.03276	0.982992	0.995407	-1.00461	0.193229	0.742785	-1.34628
cg26457761	PLAU;C10orf55;PLAU	0.012387	0.40067	1.11913	1.11913	0.0210287	1.43785	1.43785	0.012552	1.50108	1.50108	0.226916	1.18054	1.18054	0.0457087	0.741037	-1.34946
cg23621418	PLAU;C10orf55;PLAU	0.0135109	0.960797	0.989891	-1.01021	0.0462766	0.623787	-1.60311	0.0160844	0.54395	-1.83841	0.246883	0.778573	-1.2844	0.0440469	0.619846	-1.6133
cg23318713	PLAU;C10orf55;PLAU	0.0150948	0.0181423	0.54268	-1.84271	0.290396	0.791553	-1.26334	0.000403683	0.301707	-3.31447	0.225554	0.762506	-1.31146	0.184156	0.740719	-1.35004
cg01078276	PLAU;C10orf55;PLAU	0.0155528	0.616708	1.08963	1.08963	0.122325	1.32953	1.32953	0.149405	1.30075	1.30075	0.937303	0.986708	-1.01347	0.218553	0.802416	-1.24624
cg23837109	PLAU;C10orf55;PLAU	0.0357269	0.95273	0.984195	-1.01606	0.0296845	0.502669	-1.98938	0.0184023	0.46365	-2.1568	0.208609	1.42795	1.42795	0.650137	0.884515	-1.13056
cg22947959	PLAU;PLAU;C10orf55;PLAU;PLAU	0.00179241	0.635283	1.12237	1.12237	0.406356	1.22781	1.22781	0.00513053	2.44301	2.44301	0.462852	0.834807	-1.19788	0.504019	0.848891	-1.17801
cg06540636	PLAUR;PLAUR;PLAUR	0.000245396	0.0226736	0.505593	-1.97787	5.26E-06	13.2311	13.2311	0.226501	1.37362	1.37362	0.19831	0.711869	-1.40475	0.0739187	0.607778	-1.64534
cg20445035	PLAUR;PLAUR;PLAUR	0.000341078	0.000212086	0.345573	-2.89375	0.000248755	2.82327	2.82327	0.932882	0.985646	-1.01456	0.0050927	0.529698	-1.88787	0.00236252	0.482894	-2.07085
cg20716515	PLAUR;PLAUR;PLAUR	0.00584352	0.53369	0.763157	-1.31035	0.0281264	3.04014	3.04014	0.00038983	11.2977	11.2977	0.880069	1.06688	1.06688	0.0448459	0.372563	-2.68411
cg15459820	PLAUR;PLAUR;PLAUR	0.00660427	0.576283	1.18737	1.18737	0.00147535	4.03818	4.03818	0.00593897	2.98763	2.98763	0.0379074	0.480833	-2.07972	0.315855	0.729444	-1.37091
cg17168630	PLAUR;PLAUR;PLAUR	0.00665895	0.00435501	0.197347	-5.06722	0.874889	0.935079	-1.06943	0.0329111	0.345459	-2.8947	0.0368422	0.355953	-2.80936	0.00359529	0.186467	-5.36287
cg19524534	PLAUR;PLAUR;PLAUR	0.0261547	0.310961	0.696673	-1.43539	0.0336507	2.35248	2.35248	0.0119879	2.94666	2.94666	0.810259	1.08647	1.08647	0.0461854	0.454935	-2.19812
cg25750408	PLAUR;PLAUR;PLAUR	0.0339682	0.0341463	0.32197	-3.10588	0.741152	1.16412	1.16412	0.154869	0.497595	-2.00967	0.206526	0.542924	-1.84188	0.0165716	0.261405	-3.82549
cg14526204	PLAUR;PLAUR;PLAUR;PLAUR;PLAUR;PLAUR	0.000580363	0.0921194	0.607768	-1.64537	5.72E-05	7.43019	7.43019	0.123529	0.638873	-1.56526	0.00276211	0.329919	-3.03105	0.0135842	0.44035	-2.27092
cg05519105	PLB1;PLB1	7.42E-05	0.892234	0.981759	-1.01858	0.488425	1.10031	1.10031	0.0779984	0.766465	-1.30469	0.215836	0.837857	-1.19352	0.235532	1.18393	1.18393
cg10823785	PLB1;PLB1	0.00045316	0.010571	0.44195	-2.2627	0.00783491	0.420421	-2.37857	5.27E-05	0.146929	-6.80602	0.175031	0.693343	-1.44229	4.25E-05	0.138588	-7.21564
cg23370589	PLB1;PLB1	0.00229042	0.00126776	0.189065	-5.28919	0.686882	0.866312	-1.15432	0.252488	0.654869	-1.52702	0.822904	1.08262	1.08262	0.000233559	0.115157	-8.68383
cg21432789	PLB1;PLB1	0.00441204	0.240285	0.754156	-1.32599	0.650842	1.11022	1.11022	0.362461	0.806695	-1.23963	0.0600175	0.614529	-1.62726	4.65E-05	0.171363	-5.83555
cg17165932	PLB1;PLB1	0.00523283	0.826448	1.05617	1.05617	0.90095	1.03147	1.03147	0.00161451	3.08062	3.08062	0.0373418	1.82466	1.82466	0.342764	0.784066	-1.2754
cg01507753	PLB1;PLB1	0.00969697	0.0188302	1.71267	1.71267	0.00338209	2.12461	2.12461	0.349981	1.19951	1.19951	0.0234569	1.66837	1.66837	0.443984	1.15901	1.15901
cg21060817	PLB1;PLB1	0.0126965	0.0542636	0.484886	-2.06234	0.992677	0.996963	-1.00305	0.536253	1.23066	1.23066	0.940956	0.975751	-1.02485	0.00116028	0.205747	-4.86034
cg11063495	PLB1;PLB1;PLB1;PLB1	0.00413481	0.0105683	0.333477	-2.99871	0.0876011	0.525255	-1.90384	0.242614	0.658656	-1.51824	0.396696	1.34494	1.34494	0.000133417	0.104239	-9.59333
cg05680926	PLBD1	0.00135304	0.248969	1.12005	1.12005	0.527315	1.06211	1.06211	0.932694	1.00798	1.00798	0.525002	0.941197	-1.06248	0.0850716	1.19618	1.19618
cg11905611	PLBD1	0.0221117	0.0463658	2.76333	2.76333	0.00330578	5.94376	5.94376	0.564109	1.29656	1.29656	0.607353	1.2597	1.2597	0.0355917	2.97321	2.97321
cg22488164	PLBD1	0.0484596	0.041716	0.670297	-1.49188	0.734914	1.05962	1.05962	0.120457	0.750503	-1.33244	0.392696	0.861388	-1.16092	0.635821	1.08468	1.08468
cg10631684	PLBD2;PLBD2	0.00111162	0.0283957	0.36912	-2.70914	0.433957	0.735235	-1.36011	0.00180947	0.181067	-5.52283	0.797407	0.905655	-1.10417	0.00506244	0.239857	-4.16915
cg17946995	PLBD2;PLBD2	0.00515262	0.00129055	0.611392	-1.63561	0.0319812	0.76825	-1.30166	0.554556	0.939213	-1.06472	0.00384604	0.66452	-1.50485	0.0202737	0.74555	-1.34129
cg25946869	PLBD2;PLBD2	0.0103898	0.93916	0.967455	-1.03364	0.0293208	3.04252	3.04252	0.274896	1.63622	1.63622	0.451372	1.39459	1.39459	0.863288	1.07756	1.07756
cg08042432	PLBD2;PLBD2	0.0154227	0.505981	0.88022	-1.13608	0.203361	1.28896	1.28896	0.460569	1.15261	1.15261	0.00929466	0.535859	-1.86616	0.959017	0.990332	-1.00976
cg21998339	PLBD2;PLBD2	0.0280711	0.613651	0.930486	-1.07471	0.232179	1.19402	1.19402	0.00180496	1.87399	1.87399	0.340317	1.14921	1.14921	0.0429924	0.719222	-1.39039
cg27178677	PLCB1;PLCB1	0.00671879	0.0242758	0.47036	-2.12603	0.0322735	2.02229	2.02229	0.985511	1.00511	1.00511	0.672811	0.887538	-1.12671	0.00505273	0.352976	-2.83306
cg13570585	PLCB1;PLCB1	0.0148771	0.786766	0.940406	-1.06337	0.0677	1.5901	1.5901	0.00314918	2.49553	2.49553	0.00556741	0.438149	-2.28233	0.423041	0.830743	-1.20374
cg02240622	PLCB2	0.00675794	0.245539	0.768192	-1.30176	0.2833	1.27385	1.27385	0.0147493	0.521218	-1.91858	0.0739791	0.648966	-1.54091	0.0618649	1.57864	1.57864
cg23120601	PLCB2	0.00846819	0.0190233	2.4162	2.4162	0.23208	0.677435	-1.47616	0.00117786	4.38846	4.38846	0.0216109	2.35647	2.35647	0.793103	1.08511	1.08511
cg07121488	PLCB2	0.0109296	0.153476	0.791926	-1.26274	0.0165779	0.639749	-1.56311	0.289604	1.18267	1.18267	0.244441	0.830386	-1.20426	0.338119	0.860086	-1.16267
cg18175690	PLCB2	0.0114432	0.359493	0.900912	-1.10999	0.0237305	0.741565	-1.3485	0.0313767	1.32264	1.32264	0.135659	0.83685	-1.19496	0.0745771	0.80252	-1.24607
cg08779207	PLCB2	0.0181412	0.0372279	0.297968	-3.35607	0.022113	0.253133	-3.95049	0.155738	0.467461	-2.13922	0.161794	2.11273	2.11273	0.00315098	0.132614	-7.54067
cg09233429	PLCB2	0.0353675	0.134206	1.69237	1.69237	0.518286	0.807878	-1.23781	0.005031	3.34916	3.34916	0.0829504	1.86901	1.86901	0.990315	1.00396	1.00396

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12635662	8.70E-05	0.269576	-3.70953	0.000222423	0.318293	-3.14176	1.05E-07	0.0407753	-24.5246	6.47E-06	0.15386	-6.49939	68.0825	37.395	0.488232	1
cg07128890	7.25E-05	0.143289	-6.97893	0.45422	0.814592	-1.22761	2.15E-06	0.0438558	-22.802	1.51E-05	0.0895121	-11.1717	41.4559	47.5095	1.01869	1
cg05868413	5.04E-05	0.108297	-9.23385	0.27686	0.71837	-1.39204	7.43E-06	0.0558135	-17.9168	5.37E-05	0.110461	-9.05299	34.8477	47.2071	1.20415	1
cg08505647	0.0243989	0.135779	-7.3649	0.00938147	0.0861066	-11.6135	0.00688768	0.0739508	-13.5225	0.0206125	0.125462	-7.97053	4.73124	41.5279	7.80211	1
cg20709136	0.197696	0.569212	-1.75682	0.00358688	0.19548	-5.1156	0.0073819	0.23962	-4.17328	0.663164	0.834126	-1.19886	4.48084	12.1549	2.41123	1
cg15655935	0.0172847	0.115538	-8.65518	0.0549149	0.197882	-5.05351	0.0457469	0.181864	-5.49861	0.0304269	0.150572	-6.64135	3.49911	30.6954	7.79765	1
cg08648317	1.77E-05	0.112995	-8.84996	5.42E-05	0.154353	-6.47865	3.75E-06	0.0682963	-14.6421	6.75E-05	0.163319	-6.12299	40.2336	39.3033	0.868336	1
cg19216791	0.647308	0.892748	-1.12014	0.00366702	0.379995	-2.63162	0.00117685	3.22973	3.22973	0.265806	0.751572	-1.33055	10.1011	9.70424	0.853963	1
cg24349886	0.239596	0.542038	-1.84489	0.0185096	0.241589	-4.13927	0.00151634	9.69503	9.69503	0.363372	0.628407	-1.59133	8.5044	33.3122	3.48183	1
cg04993257	0.138587	0.611746	-1.63466	0.00253275	0.274793	-3.6391	0.0140416	2.54644	2.54644	0.856142	1.05753	1.05753	6.38462	9.60655	1.33746	1
cg16483916	0.0902838	0.805651	-1.24123	0.536649	0.930127	-1.07512	0.131664	1.20731	1.20731	0.0237937	1.36661	1.36661	6.0368	1.28139	0.188678	1
cg20740328	0.0628988	1.55847	1.55847	0.595082	1.12047	1.12047	0.908716	0.975972	-1.02462	0.0244227	0.566308	-1.76582	5.1161	3.64338	0.633014	1
cg15688918	0.0040743	0.437029	-2.28818	0.0387626	0.598209	-1.67166	0.0159001	1.88515	1.88515	0.443844	1.18247	1.18247	4.54219	3.31606	0.64894	1
cg02060567	1.00E-05	0.237989	-4.20188	5.13E-05	3.15313	3.15313	0.427236	0.884457	-1.13064	0.000373478	0.422311	-2.36792	51.2481	18.6213	0.322982	1
cg11606215	0.986961	1.00703	1.00703	0.00114259	0.128782	-7.76504	0.347946	0.660925	-1.51303	0.0142422	0.273728	-3.65327	8.2776	24.0746	2.58525	1
cg23586595	0.0404288	0.593519	-1.68486	0.0591314	0.625228	-1.59942	0.348675	1.23694	1.23694	0.00507302	0.44197	-2.26259	4.15832	3.19908	0.68384	1
cg19255783	0.103526	0.412331	-2.42524	0.00738972	0.179532	-5.57005	0.194157	0.504842	-1.98082	0.163934	0.477544	-2.09405	3.90812	15.3249	3.4856	1
cg16039724	0.000731153	0.457749	-2.18461	0.00122923	0.487008	-2.05335	0.581342	1.08847	1.08847	0.0956486	0.756839	-1.32128	11.654	4.27619	0.32616	1
cg08519643	0.201993	1.4307	1.4307	0.0517226	0.555097	-1.80149	0.00519325	2.66626	2.66626	0.14433	0.659079	-1.51727	5.04385	5.64607	0.995019	1
cg17769387	0.149477	0.772742	-1.29409	0.000580813	0.411655	-2.42922	0.75016	1.05474	1.05474	0.0889155	0.731258	-1.36751	4.85163	2.13817	0.391743	1
cg23704733	0.145806	0.8169	-1.22414	0.00244992	0.579353	-1.72606	0.348646	0.882535	-1.1331	0.0742614	1.29381	1.29381	3.65203	0.970077	0.236113	1
cg24402880	0.993509	1.00131	1.00131	0.000696754	0.433621	-2.30616	0.925349	0.984975	-1.01525	0.0194022	0.633438	-1.57869	9.5684	3.9544	0.367357	1
cg01904727	0.0170125	0.36779	-2.71894	0.962116	0.983806	-1.01646	0.337678	0.711948	-1.4046	0.0138632	0.351621	-2.84397	5.00035	9.35713	1.66338	1
cg10549974	0.827259	1.04042	1.04042	0.000380174	0.357368	-2.79824	0.00211019	0.456694	-2.18965	0.0219121	0.607437	-1.64626	13.8582	7.21369	0.462698	1
cg06049774	0.811205	0.91787	-1.08948	0.00457529	0.258709	-3.86534	0.0773242	0.494967	-2.02034	0.28187	0.669984	-1.49257	3.85309	7.8264	1.80551	1
cg24530116	0.207529	0.63164	-1.58318	0.0346444	0.426799	-2.34302	0.0145884	0.353515	-2.82874	0.20573	0.630364	-1.58639	3.54395	6.70724	1.6823	1
cg06516328	0.996546	0.999281	-1.00072	0.00245832	0.496391	-2.01454	0.00411262	0.52731	-1.89642	0.161716	0.780005	-1.28204	11.4749	5.02431	0.389201	1
cg01994308	0.115754	0.570046	-1.75424	0.0819952	0.530722	-1.88423	0.810842	1.08201	1.08201	0.440127	1.2954	1.2954	3.86592	6.61703	1.52145	1
cg20909773	0.00602942	0.281219	-3.55595	0.00140953	0.195021	-5.12766	0.0374864	0.425875	-2.3481	0.00114543	0.184407	-5.4228	9.81936	19.4456	1.7603	1
cg07136641	0.155237	1.32922	1.32922	0.391622	0.848544	-1.17849	0.744281	0.940593	-1.06316	0.179573	0.765881	-1.30569	8.31307	4.60976	0.492907	1
cg09704885	0.199628	0.489754	-2.04184	0.000381727	0.0503792	-19.8495	0.2907	0.561229	-1.7818	0.0224087	0.236663	-4.22541	7.25721	31.8966	3.90681	1
cg14284907	0.110164	0.447255	-2.23586	0.0636073	0.381445	-2.62161	0.32755	0.626838	-1.59531	0.00658897	0.195845	-5.10608	4.29238	14.5189	3.00666	1
cg22352234	0.213985	1.0784	1.0784	0.000122115	1.47236	1.47236	0.00890904	1.21163	1.21163	0.200146	0.924902	-1.0812	15.7381	0.829399	0.0468445	1
cg00702231	0.429721	1.13193	1.13193	0.0296317	1.48239	1.48239	0.0181595	1.55427	1.55427	0.221365	0.820674	-1.21851	6.1028	2.28459	0.332756	1
cg12757684	0.49287	0.911556	-1.09703	0.0197007	1.45433	1.45433	0.0125669	1.5109	1.5109	0.360799	0.882573	-1.13305	5.6877	1.59259	0.248894	1
cg10007452	0.607041	1.04179	1.04179	0.0108975	1.28689	1.28689	0.138431	1.13415	1.13415	0.226281	0.904599	-1.10546	3.57776	0.352875	0.0876712	1
cg02926622	0.0282902	1.46374	1.46374	0.00215465	0.530555	-1.88482	8.28E-06	4.18233	4.18233	0.0441791	1.40517	1.40517	68.5096	23.4889	0.30476	1
cg07018708	0.448916	0.912378	-1.09604	0.000766047	0.54572	-1.83244	0.000278974	0.493388	-2.0268	0.608119	0.940391	-1.06339	16.4513	3.67943	0.198805	1
cg01595870	0.00122412	2.75334	2.75334	0.00110672	2.79942	2.79942	0.0539076	1.59772	1.59772	0.867301	0.964826	-1.03646	12.1918	8.85307	0.645467	1
cg00814597	0.376283	1.17328	1.17328	0.00662015	0.537741	-1.85963	0.00437764	1.95389	1.95389	0.00789663	1.8216	1.8216	12.112	5.94211	0.436086	1
cg16334244	0.757308	0.891249	-1.12202	7.09E-05	0.0677811	-14.7534	0.00198961	5.06181	5.06181	0.860924	0.936941	-1.0673	11.5071	25.143	1.94221	1
cg02279224	0.298712	0.718623	-1.39155	0.0117578	0.380856	-2.62566	0.000626457	5.01889	5.01889	0.000734962	4.82394	4.82394	10.5655	15.7463	1.32475	1
cg09293391	0.0153327	2.02226	2.02226	0.00882023	2.20116	2.20116	0.0574163	1.66284	1.66284	0.845038	0.954753	-1.04739	7.22126	6.40322	0.788194	1
cg04895233	0.390186	0.721911	-1.38521	0.00568524	0.26122	-3.82819	0.729777	1.13692	1.13692	0.787552	0.904871	-1.10513	6.97823	15.1364	1.92808	1
cg08256027	0.0135993	0.670868	-1.49061	0.00414171	1.65302	1.65302	0.741233	0.957597	-1.04428	0.0589106	1.32169	1.32169	6.7785	1.83528	0.240667	1
cg04232541	0.284284	0.86073	-1.16181	0.304409	0.866401	-1.1542	0.114712	1.26022	1.26022	0.254202	1.17414	1.17414	6.73175	1.93822	0.25593	1
cg21113768	0.0085838	0.202794	-4.93111	0.000420589	0.0699111	-14.3039	0.614518	0.785289	-1.27342	0.0667223	0.375896	-2.66031	6.59372	23.657	3.18916	1
cg20931541	0.381437	1.29449	1.29449	0.0173839	0.434859	-2.2996	0.453937	1.24525	1.24525	0.0934939	0.588363	-1.69963	6.58761	8.62543	1.16386	1
cg25535418	0.47095	0.775941	-1.28876	0.00151353	0.205875	-4.85732	0.993335	1.00289	1.00289	0.0821945	0.513728	-1.94656	5.91875	11.216	1.68444	1
cg06493166	0.985247	0.993102	-1.00695	0.125473	0.53752	-1.8604	0.00382471	4.30506	4.30506	0.00518454	3.98045	3.98045	5.68559	12.6204	1.97308	1
cg02566775	0.0396506	0.383328	-2.60873	0.00454937	0.218013	-4.58689	0.0366407	0.375818	-2.66086	0.0767998	0.452402	-2.21042	5.16989	13.3004	2.28682	1
cg10254692	0.0370617	1.87198	1.87198	0.646814	0.887387	-1.1269	0.0030036	2.86851	2.86851	0.614243	1.14067	1.14067	4.99684	5.30759	0.944169	1
cg07750706	?	?	?	0.610202	0.814373	-1.22794	0.322448	1.50411	1.50411	0.954364	1.02312	1.02312	4.24029	9.52178	2.24555	1
cg25291978	0.555882	0.765642	-1.30609	0.0370535	0.337776	-2.96055	0.992799	1.00405	1.00405	0.455561	0.711282	-1.40591	3.91053	12.4457	2.829	1
cg18144296	0.0948841	0.783723	-1.27596	0.00546752	0.615617	-1.62439	0.158782	1.22139	1.22139	0.139811	0.809819	-1.23484	3.57091	0.997019	0.248183	1
cg04319464	0.00139894	2.22311	2.22311	0.00130702	0.445834	-2.24298	0.256577	1.22678	1.22678	0.357119	1.17759	1.17759	20.0911	9.48021	0.419432	1
cg18593039	0.3146	1.44427	1.44427	0.00534026	0.273284	-3.6592	0.450244	1.31252	1.31252	0.138241	0.568825	-1.75801	4.01575	7.94739	1.75916	1
cg23840797	0.304891	1.44508	1.44508	0.00716403	0.300249	-3.33057	0.557543	0.814212	-1.22818	0.013963	0.349218	-2.86354	3.79165	7.21055	1.69039	1
cg14161241	0.566635	0.775132	-1.2901	0.439172	0.706817	-1.41479	0.616867	1.24835	1.24835	0.680369	1.19982	1.19982	3.65617	11.1989	2.72267	1
cg17870553	0.232859	1.12066	1.12066	0.00121601	1.53911	1.53911	0.303301	1.10197	1.10197	0.75268	0.971623	-1.02921	16.3061	2.14168	0.116749	1
cg26261298	0.0728155	1.60542	1.60542	0.000186853	4.44457	4.44457	0.000210784	4.3302	4.3302	0.821251	1.05499	1.05499	16.1778	14.3362	0.787703	1
cg06271237	0.177006	1.30896	1.30896	0.00141885	2.37831	2.37831	0.00443644	2.03871	2.03871	0.192796	0.772128	-1.29512	11.3164	6.309	0.495565	1
cg01659632	0.00303364	0.326169	-3.0659	0.000161906	0.169326	-5.90578	0.243356	0.714132	-1.4003	0.99027	1.00337	1.00337	10.7644	12.9685	1.0709	1
cg12419863	0.551921	1.22642	1.22642	0.39153	1.34679	1.34679	0.00236877	4.2107	4.2107	0.107029	0.550643	-1.81606	6.4741	11.7927	1.61913	1
cg13607311	0.116802	0.659517	-1.51626	0.94608	1.01666	1.01666	0.391085	0.806809	-1.23945	0.362345	0.795553	-1.25699	6.39875	6.04774	0.840128	1
cg01445838	0.00923472	1.84217	1.84217	0.695606	0.929878	-1.07541	0.13983	0.745475	-1.34143	0.0865348	0.704642	-1.41916	4.83875	2.61986	0.481274	1
cg21776667	0.566034	0.853997	-1.17096	0.0641763	0.567869	-1.76097	0.419	1.25189	1.25189	0.490508	0.826513	-1.2099	3.93223	4.60942	1.04197	1
cg05860190	0.000991411	1.68782	1.68782	0.00046399	0.554807	-1.80243	1.50E-05	2.61302	2.61302	0.0145315	1.37997	1.37997	33.3322	6.04152	0.161113	1
cg12252776	6.65E-05	0.344818	-2.90008	0.640053	1.071	1.071	0.286702	1.17483	1.17483	0.00427177	0.573075	-1.74497	24.8791	8.35784	0.298612	1
cg18463417	0.135784	0.714023	-1.40051	0.0057012	0.467829	-2.13753	0.996703	1.00087	1.00087	0.0120479	0.518884	-1.92721	4.71112	3.27587	0.618087	1
cg17524287	0.00448893	0.67027	-1.49194	0.0188589	0.740531	-1.35038	0.000176787	1.95687	1.95687	0.042307	1.28016	1.28016	26.6747	4.7113	0.156996	1
cg17828057	0.042212	1.76822	1.76822	0.000105057	5.3068	5.3068	0.0143613	2.08563	2.08563	0.77845	0.933611	-1.07111	7.29435	6.85299	0.835104	1
cg13880167	0.904341	1.04823	1.04823	0.00108551	0.151151	-6.61588	0.0220566	2.93216	2.93216	0.234618	1.62926	1.62926	7.04419	17.1263	2.16112	1
cg11530213	0.163297	0.637871	-1.56771	0.00147552	0.249954	-4.00074	0.0497497	1.96665	1.96665	0.129911	0.609964	-1.63944	6.83608	9.88627	1.2855	1
cg00491021	0.607586	0.877218	-1.13997	0.00116042	0.2992	-3.34225	0.022893	0.502344	-1.99067	0.888001	0.964989	-1.03628	6.41456	6.49824	0.900485	1
cg06931905	0.153226	0.831785	-1.20223	0.0490513	1.31074	1.31074	0.0228052	1.38834	1.38834	0.454517	1.09608	1.09608	6.23787	1.43275	0.204165	1
cg22038738	0.678218	0.931862	-1.07312	0.00293798	0.501116	-1.99555	0.00325723	0.507341	-1.97106	0.924073	0.984006	-1.01625	4.28493	1.94155	0.402767	1
cg18899064	0.512729	1.40143	1.40143	0.0278795	0.266861	-3.74727	0.114445	2.39361	2.39361	0.802322	1.13601	1.13601	3.74464	15.3268	3.63821	1
cg03960326	0.438771	1.3028	1.3028	0.00276334	0.25087	-3.98612	0.097283	1.83953	1.83953	0.472281	1.27747	1.27747	3.67506	6.53003	1.57942	1
cg04084348	0.0256137	0.379788	-2.63305	0.0180826	0.350539	-2.85275	0.255786	0.648476	-1.54208	0.0185539	0.352633	-2.83581	7.07637	14.9398	1.87664	1
cg12351660	0.648755	1.10216	1.10216	0.280795	1.26844	1.26844	0.168726	1.36488	1.36488	0.704845	1.08407	1.08407	6.35976	4.53183	0.633404	1
cg07203452	0.973216	1.00728	1.00728	0.000143476	0.24289	-4.11709	0.515826	1.15291	1.15291	0.0826093	0.660227	-1.51463	5.97553	4.414	0.656605	1
cg26457761	0.130695	1.23804	1.23804	0.00916124	0.648569	-1.54186	0.0714611	1.3013	1.3013	0.13202	1.23699	1.23699	5.51632	1.49543	0.24097	1
cg23621418	0.669282	0.915011	-1.09288	0.00506415	0.464842	-2.15127	0.00975315	1.96528	1.96528	0.65165	1.0985	1.0985	5.36211	3.62877	0.60155	1
cg23318713	0.113312	0.692728	-1.44357	0.0116252	0.510693	-1.95812	0.264588	0.780579	-1.2811	0.476987	0.857229	-1.16655	5.16992	3.7163	0.638962	1
cg01078276	0.0458283	1.47606	1.47606	0.00151547	0.459767	-2.17501	0.0796589	1.39218	1.39218	0.187414	0.788475	-1.26827	5.11897	2.3457	0.407321	1
cg23837109	0.348508	0.771526	-1.29613	0.17793	0.680641	-1.4692	0.0245518	2.05394	2.05394	0.125428	1.56159	1.56159	3.83843	4.39065	1.01677	1
cg22947959	0.000547989	0.273324	-3.65866	0.668242	1.10978	1.10978	0.000521438	3.69516	3.69516	0.0773014	1.60722	1.60722	9.95398	9.20257	0.821789	1
cg06540636	0.953711	1.01462	1.01462	0.0504377	0.572706	-1.7461	0.202599	1.39973	1.39973	0.0664555	0.597781	-1.67285	17.3778	17.1997	0.879779	1
cg20445035	0.135834	0.758896	-1.3177	0.00553987	0.534925	-1.86942	0.00354595	0.507443	-1.97066	0.104423	0.737366	-1.35618	15.8815	7.41058	0.414771	1
cg20716515	0.343227	0.657909	-1.51997	0.980976	1.01028	1.01028	0.218789	1.74125	1.74125	0.00953879	4.08676	4.08676	6.99595	20.3724	2.58846	1
cg15459820	0.0847138	0.559892	-1.78606	0.969197	0.988322	-1.01182	0.0913645	1.76047	1.76047	0.0321614	2.14549	2.14549	6.73601	9.87252	1.30278	1
cg17168630	0.0668381	0.416742	-2.39956	0.00101823	0.125489	-7.96884	0.00804611	0.235443	-4.24731	0.0394541	0.36247	-2.75885	6.71878	19.311	2.55483	1
cg19524534	0.583476	0.826199	-1.21036	0.0120472	0.339741	-2.94342	0.664549	1.16233	1.16233	0.876724	0.947885	-1.05498	4.28917	8.07532	1.67353	1
cg25750408	0.0100912	0.225777	-4.42915	0.00814898	0.211703	-4.7236	0.229172	0.560739	-1.78336	0.0396322	0.335945	-2.97668	3.90916	13.012	2.95875	1
cg14526204	0.715141	1.10345	1.10345	0.012502	0.434073	-2.30376	0.021942	0.477926	-2.09238	0.0430482	0.535121	-1.86874	13.7105	15.6638	1.01553	1
cg05519105	0.237552	1.18299	1.18299	1.60E-06	0.193723	-5.16202	0.000145623	0.411467	-2.43033	0.226013	1.18847	1.18847	23.9715	7.00271	0.259667	1
cg10823785	0.737551	0.918151	-1.08915	0.368115	1.26456	1.26456	0.0326688	0.530107	-1.88641	0.0492357	0.565565	-1.76814	14.6853	14.9945	0.907604	1
cg23370589	0.020828	0.373381	-2.67823	0.000884294	0.171255	-5.83926	0.922398	0.966081	-1.03511	0.0787022	0.500794	-1.99683	9.26733	18.4088	1.76571	1
cg21432789	0.690055	0.912113	-1.09635	0.904759	1.02785	1.02785	0.901592	0.97201	-1.0288	0.463558	0.842635	-1.18675	7.62322	6.35873	0.741446	1
cg17165932	0.629015	1.1288	1.1288	0.00100533	0.296694	-3.37047	0.9671	0.989787	-1.01032	0.0579318	1.7049	1.7049	7.2372	7.09981	0.872014	1
cg01507753	0.196737	0.772535	-1.29444	0.742393	0.939537	-1.06435	0.00848059	0.529724	-1.88778	0.363781	0.838216	-1.19301	5.96901	3.38012	0.503359	1
cg21060817	0.254386	0.674087	-1.48349	0.00170668	0.22663	-4.41248	0.255271	0.674625	-1.48231	0.0863278	0.533696	-1.87372	5.47216	9.51779	1.54605	1
cg11063495	0.0105832	0.333581	-2.99777	0.0329899	0.426798	-2.34303	0.116619	0.558689	-1.7899	0.0269489	0.408782	-2.44629	7.77436	14.3563	1.64144	1
cg05680926	0.0158044	1.32074	1.32074	1.49E-05	2.3283	2.3283	0.956644	1.00513	1.00513	0.779099	1.02681	1.02681	10.7947	1.51331	0.124613	1
cg11905611	0.0272049	3.20375	3.20375	0.0894135	2.30296	2.30296	0.00326265	5.9683	5.9683	0.178585	1.88999	1.88999	4.54603	14.2852	2.7932	1
cg22488164	0.141076	0.763578	-1.30962	0.00167442	0.464993	-2.15057	0.573093	0.907531	-1.10189	0.225067	0.804826	-1.2425	3.42859	1.5768	0.408797	1
cg10631684	0.108897	0.509898	-1.96118	7.60E-05	0.0630457	-15.8615	0.0149271	0.315652	-3.16804	0.000489978	0.121978	-8.19819	11.4181	26.8362	2.08918	1
cg17946995	0.00104968	0.601288	-1.6631	0.521602	1.07053	1.07053	0.122909	0.839157	-1.19167	0.0392861	0.778641	-1.28429	7.27148	1.26763	0.154959	1
cg25946869	0.000661042	0.104298	-9.58789	0.0641156	0.405839	-2.46403	0.186125	0.544669	-1.83598	0.124319	2.05712	2.05712	5.83866	17.3728	2.64487	1
cg08042432	0.368091	0.839641	-1.19098	0.000741898	0.3797	-2.63366	0.257775	0.799906	-1.25015	0.0833065	0.695973	-1.43684	5.13325	2.90575	0.503168	1
cg21998339	0.134249	0.795691	-1.25677	0.451758	0.897178	-1.11461	0.925158	1.01339	1.01339	0.312012	1.15953	1.15953	4.18404	1.32724	0.281969	1
cg27178677	0.478543	1.22429	1.22429	0.684088	0.891451	-1.12177	0.000607741	0.226712	-4.41088	0.538718	0.839602	-1.19104	6.70012	8.37186	1.11068	1
cg13570585	0.0982576	0.663028	-1.50823	0.251083	0.762051	-1.31225	0.743402	1.07728	1.07728	0.617361	1.12091	1.12091	5.1948	4.22486	0.722921	1
cg02240622	0.0481017	1.63314	1.63314	0.00245405	2.49645	2.49645	0.0488934	1.62955	1.62955	0.0833893	0.6596	-1.51607	6.68802	4.99349	0.663672	1
cg23120601	0.772868	0.913998	-1.09409	0.255862	0.691723	-1.44567	0.722496	1.11717	1.11717	0.00501459	3.16977	3.16977	6.2314	9.5295	1.35935	1
cg07121488	0.0822846	1.34153	1.34153	0.00111422	2.08136	2.08136	0.446433	0.88829	-1.12576	0.187318	1.23777	1.23777	5.74439	2.11966	0.327997	1
cg18175690	0.900589	0.986254	-1.01394	0.806933	0.973246	-1.02749	0.00190611	1.62753	1.62753	0.117713	0.828475	-1.20704	5.65991	1.09958	0.172689	1
cg08779207	0.270876	0.563304	-1.77524	0.206191	0.512941	-1.94954	0.0558514	2.95831	2.95831	0.257671	0.553552	-1.80652	4.86233	19.3038	3.52895	1
cg09233429	0.94693	0.978548	-1.02192	0.0459063	0.474555	-2.10724	0.428324	0.768419	-1.30137	0.0562488	2.02238	2.02238	3.85253	6.47503	1.49398	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15852446	PLCB2	0.0363972	0.401562	1.12678	1.12678	0.114311	1.26974	1.26974	0.0811341	1.30846	1.30846	0.493297	1.10156	1.10156	0.64952	0.938373	-1.06567
cg05884705	PLCB2;PLCB2	0.0111751	0.265606	0.790281	-1.26537	0.0523999	1.56449	1.56449	0.319005	0.811438	-1.23238	0.0430979	0.62364	-1.60349	0.00732079	0.495828	-2.01683
cg12647801	PLCB3	7.40E-05	0.000512334	0.22228	-4.49883	0.00248426	0.3117	-3.20821	0.000773687	0.24396	-4.09904	0.990237	0.996614	-1.0034	0.000173508	0.170798	-5.85487
cg01793368	PLCB3	9.78E-05	0.114666	0.761804	-1.31267	0.000347051	0.401522	-2.49052	9.14E-06	0.218331	-4.5802	0.871173	0.974592	-1.02607	6.78E-05	0.314679	-3.17784
cg04317338	PLCB3	0.000807302	0.978986	0.99414	-1.00589	0.00930004	2.08811	2.08811	0.202333	1.35034	1.35034	0.983666	1.00458	1.00458	0.0482717	0.604358	-1.65465
cg03159156	PLCB3	0.00089218	0.023638	0.697466	-1.43376	0.917159	1.01397	1.01397	0.253004	0.852827	-1.17257	0.000961433	0.519108	-1.92638	7.44E-05	0.383055	-2.61059
cg02693486	PLCB3	0.00142164	0.00527684	0.463672	-2.1567	0.782161	0.943723	-1.05963	0.000215251	0.275049	-3.63571	0.706793	0.924068	-1.08217	0.000282362	0.289358	-3.45593
cg01708648	PLCB3	0.00202122	0.121749	0.73069	-1.36857	0.0925395	0.70733	-1.41377	0.0357966	0.633246	-1.57917	0.454668	1.15309	1.15309	0.204664	0.778534	-1.28446
cg14483383	PLCB3	0.00203775	0.0197402	0.643533	-1.55392	0.000226302	0.38293	-2.61144	0.0393771	0.688583	-1.45226	0.306752	0.847346	-1.18016	0.000495254	0.425883	-2.34806
cg15540553	PLCB3	0.00362934	0.720958	0.947944	-1.05491	0.00429435	1.76694	1.76694	0.370309	1.14698	1.14698	0.862582	1.02616	1.02616	0.00147429	0.504595	-1.98179
cg24591182	PLCB3	0.00532976	0.000243512	0.127864	-7.82079	0.539939	0.823954	-1.21366	0.0245276	0.424017	-2.3584	?	?	?	0.553026	1.20593	1.20593
cg02551234	PLCB3	0.00594622	0.589027	1.11878	1.11878	0.15013	0.728011	-1.37361	0.845363	1.041	1.041	0.521252	0.874782	-1.14314	0.138584	0.720301	-1.38831
cg17155859	PLCB3	0.0105887	0.10215	0.725984	-1.37744	0.0454861	0.663247	-1.50774	0.4895	1.13391	1.13391	0.186236	0.778138	-1.28512	0.000435155	0.369549	-2.706
cg04355871	PLCB3	0.0133972	0.296783	0.863062	-1.15867	0.0507503	1.35394	1.35394	0.283703	0.859309	-1.16373	0.00250149	0.564532	-1.77138	0.0417037	0.726427	-1.3766
cg20817752	PLCB3	0.0233785	0.853604	1.05967	1.05967	0.00321596	0.283216	-3.53087	0.118887	0.587971	-1.70076	0.0537773	0.503046	-1.98789	0.0417435	0.478822	-2.08846
cg22989419	PLCB4;PLCB4	2.38E-07	0.0106663	0.678934	-1.4729	4.67E-06	3.54745	3.54745	0.107213	0.808882	-1.23627	0.0762618	1.26862	1.26862	3.01E-08	0.0880534	-11.3567
cg24736099	PLCB4;PLCB4	0.0222397	0.111547	0.686335	-1.45701	0.0194904	0.54161	-1.84635	0.0124808	0.509144	-1.96408	0.063353	0.635437	-1.57372	0.805283	0.947775	-1.0551
cg03100801	PLCB4;PLCB4	0.0380942	0.114366	0.712472	-1.40356	0.018274	0.56809	-1.76028	0.00970515	0.524208	-1.90764	0.813171	0.954338	-1.04785	0.882106	1.02973	1.02973
cg12705340	PLCD1	0.0081724	0.0356804	2.71808	2.71808	0.168742	1.82174	1.82174	0.120722	1.99038	1.99038	0.718629	1.1595	1.1595	0.00351719	0.198131	-5.04716
cg15120942	PLCD1	0.0271448	0.0480777	5.17253	5.17253	0.127459	3.3161	3.3161	0.0522369	4.9823	4.9823	0.403178	0.536749	-1.86307	0.252584	0.419283	-2.38502
cg24868271	PLCD1	0.0367354	0.0292585	4.46242	4.46242	0.238963	2.05069	2.05069	0.115003	2.71288	2.71288	0.141492	2.51103	2.51103	0.151979	0.409126	-2.44423
cg23971255	PLCD1	0.0406379	0.540009	0.739517	-1.35223	0.803678	1.12879	1.12879	0.0213036	3.84239	3.84239	0.70699	0.832206	-1.20163	0.454671	0.690449	-1.44833
cg03851645	PLCD1	0.0467801	0.583291	0.761533	-1.31314	0.801401	0.883439	-1.13194	0.0113471	4.75271	4.75271	0.312858	0.598506	-1.67083	0.107721	0.421842	-2.37056
cg25341131	PLCD1;PLCD1;PLCD1	8.09E-05	0.0469834	0.651471	-1.53499	0.0096342	0.539278	-1.85433	0.0138376	0.56366	-1.77412	0.609939	1.10183	1.10183	1.47E-06	0.0999733	-10.0027
cg10718914	PLCD1;PLCD1;PLCD1	0.027775	0.082029	0.765693	-1.30601	0.0120586	0.648069	-1.54305	0.0568368	1.34804	1.34804	0.152793	0.80883	-1.23635	0.322739	0.868033	-1.15203
cg04136173	PLCD1;PLCD1;PLCD1;PLCD1	0.0169717	0.241914	1.14211	1.14211	0.00575673	0.675301	-1.48082	0.0439608	0.777911	-1.28549	0.562402	1.0656	1.0656	0.450236	1.08704	1.08704
cg18026225	PLCD3	0.000430677	0.588036	1.17846	1.17846	0.0222097	0.439083	-2.27748	0.00600691	0.34029	-2.93867	0.407199	0.775251	-1.28991	0.0623266	1.87756	1.87756
cg11797717	PLCD3	0.000985911	0.294891	1.16943	1.16943	0.00692285	0.604374	-1.6546	0.80806	0.965541	-1.03569	0.0801348	0.75599	-1.32277	0.00190503	1.88454	1.88454
cg14275281	PLCD3	0.00652171	0.0351758	0.653705	-1.52974	0.926192	0.984075	-1.01618	0.480884	1.13217	1.13217	0.117056	1.34309	1.34309	0.171715	0.777181	-1.2867
cg13641043	PLCD3	0.0171738	0.667131	1.25066	1.25066	0.269636	1.81168	1.81168	0.418263	0.652084	-1.53355	0.768448	1.16488	1.16488	0.0931214	2.59847	2.59847
cg03611852	PLCD3	0.0350181	0.0562521	0.511826	-1.95379	0.110671	0.583621	-1.71344	0.105279	0.577926	-1.73033	0.103231	0.575706	-1.737	0.00296402	0.282646	-3.538
cg21477861	PLCD3	0.0362794	0.751829	1.08459	1.08459	0.579829	0.866639	-1.15388	0.559426	1.16308	1.16308	0.425937	1.23132	1.23132	0.000888051	0.279584	-3.57674
cg00049411	PLCD3;ACBD4	0.000682509	0.259473	0.867835	-1.15229	0.00748733	0.660435	-1.51415	0.00567164	0.645781	-1.54851	0.054769	0.769118	-1.30019	0.140385	0.826028	-1.21061
cg26634885	PLCD3;ACBD4	0.0263831	0.138686	1.28699	1.28699	0.00547691	0.56092	-1.78278	0.359592	0.861482	-1.16079	0.827063	0.965959	-1.03524	0.146232	0.781226	-1.28004
cg04970158	PLCD3;ACBD4	0.042186	0.493855	0.792927	-1.26115	0.400533	0.750239	-1.33291	0.0622677	0.496161	-2.01547	0.502372	1.25525	1.25525	0.00174231	0.225208	-4.44033
cg02787665	PLCD4	0.000800934	0.591584	1.1315	1.1315	0.297691	1.27923	1.27923	0.0251232	0.544645	-1.83606	0.661189	1.10583	1.10583	0.000158175	0.229065	-4.36557
cg01130898	PLCD4	0.0274343	0.0433698	0.574503	-1.74063	0.827254	0.9492	-1.05352	0.0655715	0.610801	-1.63719	0.439509	0.828552	-1.20692	0.0034323	0.387423	-2.58116
cg02985541	PLCD4	0.0432465	0.184412	0.635478	-1.57362	0.3044	0.709979	-1.40849	0.397041	0.756334	-1.32217	0.119225	0.580132	-1.72375	0.187479	0.637721	-1.56808
cg14741153	PLCE1	0.00234516	0.0146748	0.53417	-1.87206	0.00714966	2.06468	2.06468	0.0374812	1.6551	1.6551	0.0105682	1.95671	1.95671	0.734411	0.931393	-1.07366
cg13506485	PLCE1	0.0213013	0.00398203	0.259586	-3.85229	0.0952593	0.528053	-1.89375	0.200402	0.624266	-1.60188	0.0913818	0.523266	-1.91107	0.00158421	0.206004	-4.85427
cg10904858	PLCE1	0.0252388	0.751401	1.052	1.052	0.0191252	1.57197	1.57197	0.1375	1.29065	1.29065	0.113346	1.31633	1.31633	0.0462332	1.43949	1.43949
cg11322432	PLCE1;PLCE1	7.32E-05	0.00439813	0.678494	-1.47385	0.00674023	0.698847	-1.43093	0.00384011	0.672023	-1.48804	0.000352607	0.556795	-1.79599	1.41E-06	0.285488	-3.50278
cg02649547	PLCE1;PLCE1	0.00713209	0.134082	0.641644	-1.5585	0.737795	0.911856	-1.09667	0.174315	1.48716	1.48716	0.000880186	0.254256	-3.93304	0.533208	1.18925	1.18925
cg07336123	PLCE1;PLCE1	0.0159472	0.0146727	0.21088	-4.74204	0.00218463	0.107895	-9.26828	0.0285135	0.262112	-3.81516	0.080469	0.366241	-2.73044	0.0655133	0.342691	-2.91808
cg27638309	PLCE1;PLCE1	0.0183739	0.28754	0.818048	-1.22242	0.459198	0.87191	-1.14691	0.00698012	0.530125	-1.88635	0.578342	1.10751	1.10751	0.0157598	0.583856	-1.71275
cg07981448	PLCE1;PLCE1	0.0216819	0.39151	0.828289	-1.20731	0.0438829	0.608348	-1.6438	0.357109	0.816085	-1.22536	0.173204	1.36479	1.36479	0.0286413	0.574639	-1.74022
cg16986921	PLCE1;PLCE1	0.048476	0.00562167	0.638348	-1.56654	0.518582	1.08417	1.08417	0.150893	1.20937	1.20937	0.503545	0.919589	-1.08744	0.106943	0.804666	-1.24275
cg17047829	PLCE1;PLCE1	0.049205	0.113568	0.420099	-2.38039	0.165734	0.474931	-2.10557	0.0812478	0.377734	-2.64737	0.164585	0.473842	-2.11041	0.0225148	0.252472	-3.96083
cg04964562	PLCG1;PLCG1	0.00456163	0.711223	0.932124	-1.07282	0.00653715	1.95009	1.95009	0.00242346	2.22148	2.22148	0.78126	1.05403	1.05403	0.000803954	0.384395	-2.60149
cg27523523	PLCG1;PLCG1	0.00959899	0.004348	0.660471	-1.51407	0.0709139	1.24564	1.24564	0.0264722	1.33163	1.33163	0.328781	0.896083	-1.11597	0.568873	1.06469	1.06469
cg10848882	PLCG1;PLCG1	0.0122904	0.00103799	0.559663	-1.78679	0.925169	1.01129	1.01129	0.69106	1.04889	1.04889	0.204259	1.17362	1.17362	0.0565636	0.77265	-1.29425
cg21260072	PLCG1;PLCG1	0.0329523	0.161567	0.787258	-1.27023	0.471642	0.889443	-1.1243	0.537629	1.10503	1.10503	0.0783897	0.731354	-1.36733	0.829486	1.03511	1.03511
cg09604840	PLCG2	0.000370887	0.0993171	0.823042	-1.215	0.0464079	0.781988	-1.27879	0.000149704	0.495585	-2.01782	0.169053	1.1711	1.1711	1.34E-05	0.374363	-2.6712
cg27009556	PLCG2	0.000492204	0.420655	1.26504	1.26504	0.000130035	0.149669	-6.6814	0.894514	0.962799	-1.03864	0.209719	1.45906	1.45906	0.000124812	0.147998	-6.75684
cg01376763	PLCG2	0.00165251	0.12011	0.720016	-1.38886	0.0554577	0.65515	-1.52637	0.238232	0.786103	-1.2721	0.55547	1.12319	1.12319	0.0548661	0.6543	-1.52835
cg06487098	PLCG2	0.00232104	0.384473	0.767827	-1.30238	0.579873	1.18018	1.18018	0.00449193	0.325527	-3.07195	0.575615	0.845719	-1.18243	0.000391785	0.187493	-5.33354
cg00698535	PLCG2	0.00576662	0.955575	0.992003	-1.00806	0.000924005	0.490079	-2.04049	0.415985	0.887072	-1.1273	0.874479	0.977471	-1.02305	0.0113281	1.57941	1.57941
cg09058650	PLCG2	0.00622109	0.721556	0.913779	-1.09436	0.058784	0.584009	-1.7123	0.280134	1.32696	1.32696	0.710333	0.91028	-1.09856	0.511454	0.845525	-1.1827
cg09415601	PLCG2	0.00662207	0.205935	0.668794	-1.49523	0.734868	1.10792	1.10792	0.00931888	0.369923	-2.70326	0.860244	0.948253	-1.05457	0.000275468	0.165998	-6.02417
cg06535849	PLCG2	0.0118513	0.0561801	0.429162	-2.33012	0.0833918	2.11621	2.11621	0.0315074	0.372864	-2.68194	0.67552	0.848181	-1.17899	0.0218831	0.341	-2.93255
cg02533239	PLCG2	0.0130683	0.389097	0.727857	-1.3739	0.890486	0.951629	-1.05083	0.0277504	0.392093	-2.55041	0.146537	0.570726	-1.75215	0.00030048	0.120512	-8.29791
cg04642627	PLCG2	0.018109	0.515692	0.831532	-1.2026	0.931631	1.02431	1.02431	0.00195533	0.29355	-3.40657	0.889403	0.961802	-1.03971	0.00160052	0.28161	-3.55102
cg07021331	PLCG2	0.023242	0.154246	0.586241	-1.70578	0.0311901	2.42388	2.42388	0.327234	1.42495	1.42495	0.0904327	0.520341	-1.92182	0.591593	0.827251	-1.20882
cg10021819	PLCG2	0.027965	0.729589	0.90134	-1.10946	0.187297	0.658132	-1.51945	0.00949462	0.373944	-2.6742	0.00628994	0.34459	-2.902	0.00546581	0.334947	-2.98555
cg06069206	PLCG2	0.0354442	0.246657	0.769808	-1.29902	0.05466	0.624558	-1.60113	0.00950284	2.03298	2.03298	0.535109	0.873157	-1.14527	0.00864945	0.485367	-2.0603
cg00940248	PLCG2	0.0438782	0.548762	0.782041	-1.27871	0.00395179	0.207878	-4.8105	0.191992	0.571419	-1.75003	0.177675	1.78684	1.78684	0.685573	0.847953	-1.17931
cg00471368	PLCG2	0.0440882	0.0218167	0.228354	-4.37917	0.0937454	0.37199	-2.68825	0.0134609	0.193659	-5.16371	0.880054	0.922174	-1.08439	0.0684838	0.334772	-2.98711
cg01671681	PLCH1	0.0192375	0.480219	0.79029	-1.26536	0.0150891	0.375521	-2.66297	0.202233	0.643024	-1.55515	0.0184069	2.55472	2.55472	0.570088	0.828418	-1.20712
cg07480762	PLCH1	0.0205471	0.253652	0.600248	-1.66598	0.030336	0.336213	-2.9743	0.0133045	0.268955	-3.71809	0.921922	0.958894	-1.04287	0.201928	0.561635	-1.78051
cg00757822	PLCH1;PLCH1;PLCH1	0.00282462	0.000839886	0.329391	-3.03591	0.0886705	0.660226	-1.51463	0.00213758	0.385341	-2.5951	0.249873	0.766562	-1.30453	0.000519906	0.302261	-3.3084
cg13033061	PLCH1;PLCH1;PLCH1	0.00289597	0.544445	1.18098	1.18098	0.0016536	0.294926	-3.39068	0.000111904	0.158582	-6.30587	0.584432	0.86091	-1.16156	0.21873	0.704144	-1.42016
cg04114537	PLCH1;PLCH1;PLCH1	0.00332801	0.100377	0.771772	-1.29572	0.0207506	0.669846	-1.49288	0.00692814	0.604745	-1.65359	0.073252	0.750134	-1.33309	0.000431764	0.448725	-2.22853
cg01885796	PLCH1;PLCH1;PLCH1	0.0050534	0.696754	1.13353	1.13353	0.00372416	0.285387	-3.50402	0.00423573	0.293666	-3.40523	0.1385	0.600246	-1.66598	0.000940793	0.206162	-4.85056
cg12611897	PLCH1;PLCH1;PLCH1	0.00673245	0.012271	0.420574	-2.3777	0.0964911	0.602471	-1.65983	0.317609	0.750627	-1.33222	0.0410975	0.51974	-1.92404	0.173005	0.668556	-1.49576
cg15609035	PLCH1;PLCH1;PLCH1	0.00823973	0.116203	0.65371	-1.52973	0.17263	0.69669	-1.43536	0.00308431	0.364753	-2.74158	0.352184	0.787891	-1.26921	0.0134826	0.466922	-2.14169
cg04798102	PLCH1;PLCH1;PLCH1	0.0208749	0.0554715	0.642062	-1.55748	0.00154505	0.394742	-2.5333	0.00798312	0.499536	-2.00186	0.375449	1.20404	1.20404	0.859309	0.964431	-1.03688
cg25565505	PLCH1;PLCH1;PLCH1	0.0460421	0.317994	0.58898	-1.69785	0.139242	0.442126	-2.2618	0.00924519	0.183733	-5.44268	0.0263699	0.259084	-3.85976	0.0214237	0.242309	-4.12696
cg07821364	PLCH2	6.88E-05	0.135425	1.41967	1.41967	0.42234	0.836549	-1.19539	0.0456124	1.64726	1.64726	0.019821	0.541966	-1.84513	4.09E-06	0.0976666	-10.2389
cg01442889	PLCH2	0.000521026	0.0105953	0.441374	-2.26565	0.000146825	0.189822	-5.26808	0.00246912	0.342682	-2.91816	0.0100246	0.437339	-2.28656	0.000192287	0.202343	-4.94211
cg14984126	PLCH2	0.000769935	0.963841	1.00499	1.00499	0.00440671	1.51734	1.51734	0.841376	0.97826	-1.02222	0.453721	0.919691	-1.08732	0.000235842	0.512475	-1.95131
cg00722329	PLCH2	0.00177583	0.000619277	0.427377	-2.33986	0.0560922	0.705303	-1.41783	0.00382792	0.533072	-1.87592	0.0211071	0.639221	-1.5644	0.00189351	0.491451	-2.03479
cg20932426	PLCH2	0.00206237	0.00171225	0.153961	-6.49514	0.000134713	0.0630669	-15.8562	0.0500579	0.393059	-2.54414	0.154381	0.528799	-1.89108	0.00268855	0.17665	-5.66092
cg16648140	PLCH2	0.00512871	0.0907196	0.729146	-1.37147	0.00395726	1.9288	1.9288	0.00995836	0.575978	-1.73618	0.299461	1.19993	1.19993	0.00907168	0.570047	-1.75424
cg06824523	PLCH2	0.0125729	0.01062	0.327179	-3.05643	0.0257476	2.51164	2.51164	0.405906	1.34403	1.34403	0.120618	0.556892	-1.79568	0.0020423	0.220558	-4.53395
cg00055434	PLCH2	0.0168867	0.0752821	0.40173	-2.48924	0.00721365	0.202558	-4.93685	0.0757024	0.402373	-2.48525	0.0296448	0.307606	-3.25092	0.0107971	0.228882	-4.36907
cg05005791	PLCH2	0.0200517	0.349319	0.862009	-1.16008	0.814218	0.96437	-1.03695	0.0151561	0.631386	-1.58382	0.171463	1.25156	1.25156	0.0609926	0.722205	-1.38465
cg09185998	PLCH2	0.0200587	0.0159218	0.250902	-3.98562	0.776749	1.14242	1.14242	0.6447	0.804538	-1.24295	0.161563	0.496502	-2.01409	0.00803725	0.203828	-4.90611
cg08655953	PLCH2	0.0211539	0.663135	1.10136	1.10136	0.00117161	2.85572	2.85572	0.0840527	1.5236	1.5236	0.495376	1.16474	1.16474	0.0268163	1.78206	1.78206
cg19694770	PLCH2	0.0223144	0.0565758	0.773757	-1.2924	0.00112119	0.565446	-1.76851	0.708304	1.04568	1.04568	0.718603	1.04394	1.04394	0.871766	1.01938	1.01938
cg23911852	PLCH2	0.0264253	0.305508	0.813175	-1.22975	0.22085	1.28513	1.28513	0.412745	0.849401	-1.1773	0.477491	0.868685	-1.15117	0.00509793	0.486046	-2.05742
cg08615111	PLCH2	0.0310953	0.0359359	0.481555	-2.07661	0.103279	1.70507	1.70507	0.283946	1.39561	1.39561	0.7467	1.10191	1.10191	0.0118377	0.390231	-2.56259
cg00373616	PLCH2	0.0319526	0.011301	0.412143	-2.42634	0.0485891	1.87652	1.87652	0.150302	1.53849	1.53849	0.415646	1.26169	1.26169	0.00950307	0.399342	-2.50412
cg12644668	PLCH2	0.0325068	0.0310757	0.49529	-2.01902	0.40498	1.26687	1.26687	0.239142	0.710176	-1.4081	0.393534	1.27461	1.27461	0.00926317	0.399801	-2.50124
cg01022121	PLCH2	0.0336966	0.410317	0.683804	-1.46241	0.433723	0.697254	-1.4342	0.0709974	0.402307	-2.48566	0.370886	0.660486	-1.51404	0.0863498	0.425159	-2.35206
cg04341461	PLCH2	0.0443971	0.273246	0.49345	-2.02655	0.00391338	11.0854	11.0854	0.00999878	7.4982	7.4982	0.715155	1.25489	1.25489	0.847724	0.88773	-1.12647
cg15627072	PLCH2	0.0449101	0.0246302	0.327407	-3.0543	0.225736	0.588154	-1.70023	0.0871859	0.454776	-2.19889	0.224985	0.587599	-1.70184	0.144695	0.520177	-1.92242
cg17820022	PLCH2	0.0478762	0.491102	0.796567	-1.25539	0.0141193	2.67792	2.67792	0.57734	1.20091	1.20091	0.770934	0.909425	-1.0996	0.107772	0.565106	-1.76958
cg26444995	PLCL1	0.00138441	0.000913422	0.639736	-1.56314	0.290007	1.10402	1.10402	0.483941	1.0662	1.0662	0.415443	0.927736	-1.07789	0.0155468	0.765371	-1.30656
cg19156104	PLCL1	0.00723799	0.736866	1.05725	1.05725	0.0431372	1.46833	1.46833	0.248564	0.819447	-1.22034	0.00106602	0.450013	-2.22216	0.0758236	0.721642	-1.38573
cg02833180	PLCL1	0.00783583	0.00517581	0.445207	-2.24615	0.458134	0.847356	-1.18014	0.0381612	0.590489	-1.69351	0.00766569	0.471728	-2.11986	0.00208291	0.386792	-2.58537
cg06734510	PLCL1	0.0115532	0.569339	1.08337	1.08337	0.00392141	1.71691	1.71691	0.760838	1.04342	1.04342	0.264631	0.850536	-1.17573	0.416268	0.890754	-1.12264
cg22583333	PLCL1	0.0349888	0.0466525	0.694483	-1.43992	0.108657	1.32319	1.32319	0.0137668	1.62801	1.62801	0.025875	0.654845	-1.52708	0.661621	0.931942	-1.07303
cg11598976	PLCL2	0.00583342	0.100014	0.671664	-1.48884	0.00042818	0.291977	-3.42493	0.70422	1.08788	1.08788	0.020652	0.540381	-1.85055	0.0226471	0.547361	-1.82695
cg08542227	PLCL2	0.0164764	0.270231	1.40162	1.40162	0.32384	0.741061	-1.34942	0.0798705	0.56463	-1.77107	0.00521573	0.338241	-2.95647	0.00111767	0.24374	-4.10274
cg16292586	PLCL2	0.0262339	0.433301	0.7334	-1.36351	0.0135783	3.26842	3.26842	0.0448175	2.44261	2.44261	0.702645	1.16037	1.16037	0.00387681	0.221255	-4.51966
cg15863826	PLCL2	0.0446096	0.0625936	6.42853	6.42853	0.14852	3.95931	3.95931	0.0225122	11.3203	11.3203	0.589081	1.62297	1.62297	0.457076	0.510429	-1.95914
cg19448816	PLCL2;PLCL2	0.00150922	0.51649	0.862154	-1.15989	0.22661	1.33144	1.33144	0.39356	0.821142	-1.21782	0.0206046	1.87529	1.87529	0.000576814	0.300891	-3.32346
cg18422055	PLCL2;PLCL2	0.0408201	0.664581	1.24497	1.24497	0.606213	0.770158	-1.29843	0.979365	0.987094	-1.01307	0.0167941	0.230936	-4.3302	0.73579	0.843583	-1.18542
cg10656016	PLCXD2	0.0232418	0.259927	0.660819	-1.51327	0.795831	0.912643	-1.09572	0.00178439	0.208571	-4.79454	0.073944	0.495531	-2.01804	0.0037029	0.250931	-3.98515
cg23241328	PLCXD2;PLCXD2	0.000421195	0.000457471	0.428406	-2.33424	0.525067	1.10398	1.10398	0.000386677	2.38586	2.38586	0.0473941	0.705817	-1.4168	0.00800579	1.68535	1.68535
cg08062023	PLCXD2;PLCXD2	0.00941014	0.0071029	0.447531	-2.23448	0.590906	0.882103	-1.13365	0.196975	0.729541	-1.37072	0.0291786	1.81152	1.81152	0.00401059	0.409088	-2.44446
cg27096807	PLCXD2;PLCXD2	0.0252515	0.415505	0.859436	-1.16355	0.417598	1.16273	1.16273	0.616021	0.912078	-1.0964	0.00196134	2.21796	2.21796	0.162661	0.762404	-1.31164
cg26542214	PLCXD2;PLCXD2;PLCXD2;PLCXD2	0.0135235	0.789046	0.969346	-1.03162	0.788114	1.03177	1.03177	0.07173	1.26294	1.26294	0.765357	1.03536	1.03536	0.754683	1.03706	1.03706
cg26312814	PLCXD3	3.56E-07	5.78E-09	0.0406048	-24.6276	0.0391511	0.734893	-1.36074	0.00549174	0.624302	-1.60179	0.016939	0.686692	-1.45626	0.431283	1.10922	1.10922
cg06989693	PLCXD3	0.000235307	2.78E-06	0.0710446	-14.0757	0.821953	0.948355	-1.05446	0.0638949	0.61264	-1.63228	0.876776	0.964153	-1.03718	0.370782	0.805562	-1.24137
cg03300589	PLCXD3	0.000311673	7.85E-06	1.955	1.955	0.538138	0.958235	-1.04359	0.0545425	1.16099	1.16099	0.00208038	1.34527	1.34527	0.573936	1.03965	1.03965
cg07230959	PLCXD3	0.0088644	0.000147081	0.0524326	-19.0721	0.489681	1.37282	1.37282	0.152037	0.500132	-1.99947	0.993608	1.00362	1.00362	0.316588	0.626559	-1.59602
cg11670605	PLCXD3	0.0239094	0.00192076	2.71669	2.71669	0.93199	1.01961	1.01961	0.0388388	0.58025	-1.72339	0.17169	1.3925	1.3925	0.875343	0.964907	-1.03637
cg14519115	PLCXD3;PLCXD3	0.00892846	0.000413593	1.88963	1.88963	0.282653	0.880934	-1.13516	0.0372519	1.31596	1.31596	0.024399	1.35605	1.35605	0.733337	0.961911	-1.0396
cg02952379	PLCZ1	0.008261	0.135147	1.69095	1.69095	0.336267	0.723707	-1.38177	0.429725	0.768819	-1.3007	0.833478	0.933639	-1.07108	0.00672847	0.31788	-3.14584
cg24806623	PLCZ1	0.011386	0.0745691	0.509799	-1.96156	0.00104864	0.193064	-5.17964	0.141226	0.584703	-1.71027	0.482181	1.27415	1.27415	0.6126	0.840978	-1.18909
cg03827720	PLCZ1	0.0192744	0.463304	1.10099	1.10099	0.0194394	1.43925	1.43925	0.00246428	0.581206	-1.72056	0.468318	1.09977	1.09977	0.173912	0.829914	-1.20494
cg15736336	PLCZ1;CAPZA3	0.00653158	0.329222	0.777519	-1.28614	0.355636	1.26802	1.26802	0.00221837	0.34257	-2.91912	0.00719907	0.420252	-2.37953	0.754542	0.924612	-1.08154
cg06233731	PLCZ1;CAPZA3;PLCZ1	1.36E-05	0.182995	0.768106	-1.3019	0.317443	0.824519	-1.21283	5.36E-05	0.244904	-4.08323	0.248511	0.79833	-1.25262	6.74E-07	0.0800504	-12.4921
cg12732284	PLD1;PLD1	9.60E-06	3.05E-05	0.323722	-3.08907	0.000192787	0.419425	-2.38422	7.27E-05	0.368124	-2.71648	0.00531129	1.66271	1.66271	1.42E-06	0.182766	-5.47148
cg02847220	PLD1;PLD1	0.00102915	0.00075878	0.486667	-2.05479	0.0006386	0.477211	-2.09551	0.000465776	0.459983	-2.17399	0.0499147	0.72942	-1.37095	0.0903057	0.768465	-1.30129
cg07560922	PLD1;PLD1	0.00464953	0.138364	0.845334	-1.18296	0.0147132	0.728904	-1.37192	0.000157535	0.5062	-1.9755	0.0777742	1.22928	1.22928	0.143004	0.847231	-1.18032
cg18457944	PLD1;PLD1	0.00466461	0.726169	1.04809	1.04809	0.2128	1.1916	1.1916	0.0155201	0.672631	-1.4867	0.911109	0.985192	-1.01503	0.636717	0.938422	-1.06562
cg17024257	PLD1;PLD1	0.0171767	0.0745448	1.44609	1.44609	0.00242783	2.18976	2.18976	0.0428836	1.5414	1.5414	0.0481651	1.5209	1.5209	0.296531	1.22258	1.22258
cg02937055	PLD1;PLD1	0.0250249	0.0629794	0.424569	-2.35533	0.0311471	0.35489	-2.81778	0.0216777	0.323362	-3.09251	0.157601	1.85688	1.85688	0.0154404	0.296082	-3.37745
cg11276382	PLD1;PLD1	0.0269345	0.0498366	0.57096	-1.75144	0.677001	0.900372	-1.11065	0.415864	0.811939	-1.23162	0.065733	0.596108	-1.67755	0.81915	0.944242	-1.05905
cg00082310	PLD1;PLD1	0.0355895	0.115421	0.727108	-1.37531	0.186288	1.2981	1.2981	0.193775	1.29178	1.29178	0.0749206	0.691199	-1.44676	0.141042	0.744702	-1.34282
cg15329866	PLD1;PLD1	0.0453022	0.0364113	0.33023	-3.02819	0.356972	0.649475	-1.53971	0.248422	0.577152	-1.73265	0.128887	0.473506	-2.11191	0.0107331	0.232109	-4.30833
cg11647651	PLD2	0.00467644	0.0137295	1.68862	1.68862	0.150581	0.767264	-1.30333	0.351549	1.17922	1.17922	0.104864	1.35628	1.35628	0.191971	0.788603	-1.26806
cg23808301	PLD2	0.0171249	0.0104859	0.405642	-2.46523	0.00426726	0.342679	-2.91818	0.109351	0.613235	-1.6307	0.077584	0.577253	-1.73234	0.041613	0.51789	-1.93091
cg08360726	PLD3;PLD3	0.0048451	0.926268	1.04584	1.04584	0.00973161	4.87144	4.87144	0.27811	1.72654	1.72654	0.253738	0.5615	-1.78094	0.970702	0.982373	-1.01794
cg00456774	PLD3;PLD3	0.0454179	0.176288	0.461238	-2.16808	0.0280515	0.247421	-4.0417	0.54992	0.722084	-1.38488	0.170676	0.455983	-2.19307	0.0728348	0.340572	-2.93624
cg00043080	PLD3;PLD3;C19orf47	0.00015262	0.000140113	0.204048	-4.90082	9.19E-05	0.184804	-5.41114	0.00637102	0.423893	-2.35909	0.536456	1.16337	1.16337	7.23E-05	0.174362	-5.73518
cg14808759	PLD3;PLD3;C19orf47	0.000204724	0.403354	0.864569	-1.15665	1.66E-05	4.51502	4.51502	0.0151248	1.6619	1.6619	0.00902627	0.568442	-1.75919	0.00219971	0.481653	-2.07618
cg17072268	PLD3;PLD3;C19orf47	0.000451482	0.000439091	0.247933	-4.03335	0.942107	0.981927	-1.01841	0.00642606	0.410583	-2.43556	0.679951	1.10979	1.10979	2.19E-05	0.117446	-8.51457
cg07071106	PLD3;PLD3;C19orf47	0.0050146	0.0211937	0.595733	-1.67861	0.00473218	2.01667	2.01667	0.00451635	2.02879	2.02879	0.0985701	0.712748	-1.40302	0.707929	1.07289	1.07289
cg12748926	PLD3;PLD3;C19orf47	0.0215328	0.231765	0.431564	-2.31715	0.447317	1.68022	1.68022	0.674334	1.32733	1.32733	0.00281856	0.0635029	-15.7473	0.908462	0.92583	-1.08011

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15852446	0.793943	1.03706	1.03706	0.40371	0.887986	-1.12614	0.0356581	0.711805	-1.40488	0.0033602	1.74147	1.74147	3.8126	1.16722	0.272133	1
cg05884705	0.0964407	1.44818	1.44818	0.0455256	1.59246	1.59246	0.0389174	0.61567	-1.62425	0.0264775	0.586387	-1.70536	5.70341	3.71828	0.579501	1
cg12647801	0.000112845	0.152521	-6.55648	5.79E-06	0.0591569	-16.9042	0.000671875	0.236408	-4.22997	0.00323441	0.328379	-3.04527	23.9887	29.201	1.08203	1
cg01793368	0.000377346	0.406131	-2.46226	0.0849054	1.35273	1.35273	0.0100107	0.597136	-1.67466	0.0418392	0.689369	-1.4506	22.2752	8.87157	0.354018	1
cg04317338	?	?	?	8.20E-05	0.205193	-4.87347	0.0011541	0.344553	-2.90231	0.111665	0.679377	-1.47194	12.7993	8.97123	0.700916	1
cg03159156	0.505362	1.09431	1.09431	0.00707511	1.59058	1.59058	0.0256858	0.702332	-1.42383	0.829647	0.971678	-1.02915	12.1526	3.42224	0.250315	1
cg02693486	0.25509	1.28185	1.28185	0.71666	1.07914	1.07914	0.373025	1.21059	1.21059	0.02793	0.58112	-1.72081	10.6425	7.36064	0.614777	1
cg01708648	0.855083	0.966382	-1.03479	6.21E-05	3.97842	3.97842	0.356954	0.837602	-1.19388	0.0942706	0.708874	-1.41069	9.61228	5.32624	0.49254	1
cg14483383	0.00870577	0.592533	-1.68767	0.266494	1.19871	1.19871	0.513655	1.10926	1.10926	0.226285	0.819633	-1.22006	9.58949	3.72212	0.345018	1
cg15540553	0.348337	1.15479	1.15479	0.000928369	0.478555	-2.08962	0.702678	1.05883	1.05883	0.566989	0.917361	-1.09008	8.08544	2.84507	0.312779	1
cg24591182	0.0212946	0.411568	-2.42973	0.14256	1.64291	1.64291	0.387149	0.757938	-1.31937	0.568405	1.19706	1.19706	8.49331	11.3564	1.16996	1
cg02551234	0.89588	1.02731	1.02731	0.000119497	0.250495	-3.99209	0.810356	0.951735	-1.05071	0.00759516	0.493385	-2.02681	6.95847	4.66634	0.596088	1
cg17155859	0.00405136	0.501151	-1.99541	0.280631	0.818119	-1.22232	0.301941	0.825771	-1.21099	0.977282	0.994916	-1.00511	5.80323	2.94513	0.45111	1
cg04355871	0.00783568	0.628396	-1.59135	0.546896	1.08654	1.08654	0.914059	1.01481	1.01481	0.0366004	0.718446	-1.39189	5.37696	1.57832	0.26092	1
cg20817752	0.00560592	0.319474	-3.13014	0.522921	1.22525	1.22525	0.718674	0.892704	-1.12019	0.073366	0.534493	-1.87093	4.45967	6.9531	1.38587	1
cg22989419	1.49E-06	0.229492	-4.35745	0.00011722	0.443188	-2.25638	1.28E-05	3.02383	3.02383	0.000232267	0.478633	-2.08928	105.641	24.3459	0.204851	1
cg24736099	0.0927153	1.49445	1.49445	0.0330449	1.71822	1.71822	0.490889	0.859023	-1.16411	0.344186	1.23566	1.23566	4.53703	3.38886	0.66394	1
cg03100801	0.89255	1.02704	1.02704	0.0249349	1.69348	1.69348	0.728027	1.07135	1.07135	0.573082	1.11897	1.11897	3.74974	2.31434	0.548623	1
cg12705340	0.708479	1.16605	1.16605	0.0626912	2.35536	2.35536	0.00245471	5.60327	5.60327	0.194486	0.570419	-1.7531	6.3017	16.6967	2.35517	1
cg15120942	0.0682682	4.41432	4.41432	0.00825135	11.6726	11.6726	0.00961737	10.8481	10.8481	0.954434	0.959291	-1.04244	4.23371	35.4726	7.44766	1
cg24868271	0.123058	2.64556	2.64556	0.00459339	8.99786	8.99786	0.0284854	4.50612	4.50612	0.700454	1.25246	1.25246	3.79979	20.4082	4.77411	1
cg23971255	0.725564	0.842467	-1.18699	0.42858	0.674972	-1.48154	0.00187351	8.54356	8.54356	0.771228	1.15236	1.15236	3.66171	13.72	3.33057	1
cg03851645	0.187996	0.503585	-1.98576	0.739018	0.848398	-1.17869	0.0120247	4.66576	4.66576	0.804908	1.1294	1.1294	3.47455	13.3054	3.40391	1
cg25341131	8.59E-05	0.264718	-3.7776	0.0764979	0.689786	-1.44973	0.949646	1.01197	1.01197	0.0487268	0.654254	-1.52846	23.4262	13.1788	0.500059	1
cg10718914	0.219583	0.836216	-1.19586	0.0810535	1.30736	1.30736	0.39405	1.12858	1.12858	0.0293151	0.70068	-1.42719	4.19969	1.27693	0.270269	1
cg04136173	0.0838709	0.812594	-1.23063	0.00523707	0.670617	-1.49116	0.570016	1.06426	1.06426	0.0369659	0.768875	-1.3006	4.97225	0.926811	0.165686	1
cg18026225	0.0246178	2.23365	2.23365	3.75E-05	10.7848	10.7848	0.000895427	4.4508	4.4508	0.401055	1.29444	1.29444	14.8933	21.2647	1.26915	1
cg11797717	0.141238	1.25604	1.25604	7.50E-05	2.81728	2.81728	0.17802	1.22901	1.22901	0.0403704	1.4066	1.4066	11.814	3.88427	0.292255	1
cg14275281	0.237169	1.23933	1.23933	0.000683515	2.45687	2.45687	0.00475332	1.91473	1.91473	0.405902	0.863017	-1.15873	6.76237	3.21495	0.422594	1
cg13641043	0.121797	2.37984	2.37984	0.000704705	14.4294	14.4294	0.00658386	6.19699	6.19699	0.173479	2.11416	2.11416	4.9526	20.9612	3.7621	1
cg03611852	0.080754	0.548821	-1.82209	0.107313	0.5801	-1.72384	0.0512335	0.502705	-1.98924	0.00918781	0.358895	-2.78633	3.86641	5.87741	1.35122	1
cg21477861	0.816791	1.0612	1.0612	0.185117	1.4329	1.4329	0.490356	1.19641	1.19641	0.450711	0.821438	-1.21738	3.8171	3.96041	0.922264	1
cg00049411	0.0124908	0.687636	-1.45426	1.14E-05	0.325348	-3.07364	0.00302061	0.612717	-1.63207	0.0274368	0.73027	-1.36936	13.1035	3.01346	0.204421	1
cg26634885	0.527112	1.10675	1.10675	0.0848895	0.739634	-1.35202	0.012718	1.63247	1.63247	0.800348	1.04093	1.04093	4.27615	1.6969	0.352738	1
cg04970158	0.0531354	0.480098	-2.08291	0.255588	0.67278	-1.48637	0.760677	1.1074	1.1074	0.0809978	0.524092	-1.90806	3.6114	6.37833	1.56992	1
cg02787665	0.259699	1.3076	1.3076	0.0181786	0.519879	-1.92352	0.204245	1.35745	1.35745	0.000127216	0.218532	-4.57599	12.528	10.3238	0.732497	1
cg01130898	0.0434985	0.574755	-1.73987	0.0434619	0.574684	-1.74009	0.303837	1.28923	1.28923	0.0203721	0.513287	-1.94823	4.21797	3.80156	0.801135	1
cg02985541	0.0901722	0.548054	-1.82464	0.00367711	0.282372	-3.54143	0.00868372	0.340584	-2.93613	0.027396	0.43156	-2.31717	3.57823	5.87696	1.45993	1
cg14741153	0.000423917	3.20694	3.20694	0.0110897	1.94397	1.94397	0.0414897	1.63343	1.63343	0.0260192	1.73568	1.73568	9.20336	6.34984	0.613288	1
cg13506485	0.0439548	0.446411	-2.24009	0.140529	0.575609	-1.73729	0.874486	0.946417	-1.05662	0.067742	0.49023	-2.03986	4.60456	8.8507	1.70859	1
cg10904858	0.273881	1.19916	1.19916	0.00180251	2.03009	2.03009	0.135671	0.773741	-1.29242	0.295542	1.18891	1.18891	4.34284	1.75017	0.358223	1
cg11322432	0.0231906	0.758171	-1.31896	0.00565556	0.690482	-1.44826	0.184034	1.15459	1.15459	0.00390856	0.672866	-1.48618	24.0629	3.96532	0.14648	1
cg02649547	0.0304889	0.497423	-2.01036	0.00547122	0.366655	-2.72736	0.056833	1.80756	1.80756	0.354237	0.7697	-1.29921	6.57665	7.85617	1.06183	1
cg07336123	0.0543752	0.322729	-3.09858	0.0055234	0.151168	-6.61516	0.713464	1.21055	1.21055	0.126113	0.424265	-2.35702	5.07657	21.5799	3.77856	1
cg27638309	0.381425	1.17736	1.17736	0.00940806	1.81983	1.81983	0.153449	1.32047	1.32047	0.879215	1.02804	1.02804	4.8415	2.53638	0.465674	1
cg07981448	0.229528	0.762953	-1.3107	0.58423	1.1259	1.1259	0.00285595	2.41301	2.41301	0.416526	0.836787	-1.19505	4.57674	3.33783	0.64827	1
cg16986921	0.28517	1.14693	1.14693	0.0528385	0.76203	-1.31228	0.720727	0.95664	-1.04533	0.275073	1.15053	1.15053	3.42815	0.827948	0.214679	1
cg17047829	0.0898695	0.389957	-2.56438	0.00321409	0.131928	-7.57989	0.218344	0.520907	-1.91973	0.0341046	0.287775	-3.47493	3.40882	13.6977	3.57184	1
cg04964562	0.597972	1.10582	1.10582	0.572164	1.11393	1.11393	0.968897	1.0074	1.0074	0.310283	0.820001	-1.21951	7.5465	4.27035	0.502997	1
cg27523523	0.837247	0.977858	-1.02264	0.0027884	0.638449	-1.5663	0.251434	1.13932	1.13932	0.500119	1.07736	1.07736	5.98837	1.12389	0.166826	1
cg10848882	0.816188	1.02822	1.02822	0.206444	0.852793	-1.17262	0.0102331	1.4723	1.4723	0.612218	0.940743	-1.06299	5.53037	1.25072	0.201027	1
cg21260072	0.565195	0.911163	-1.0975	0.0008269	0.446742	-2.23843	0.639793	0.927353	-1.07834	0.321229	1.1782	1.1782	3.95211	1.60261	0.360452	1
cg09604840	0.0725238	0.805739	-1.2411	0.0166144	0.729573	-1.37066	0.665567	0.954205	-1.04799	0.939595	1.0082	1.0082	15.5199	2.85609	0.16358	1
cg27009556	0.400868	0.782132	-1.27856	0.00319634	3.15906	3.15906	0.136065	1.58252	1.58252	0.19682	0.677087	-1.47692	14.3529	18.5644	1.14971	1
cg01376763	0.059457	0.660696	-1.51356	0.000100408	0.260896	-3.83295	0.071842	0.676032	-1.47922	0.000197358	0.295596	-3.383	10.1909	6.12567	0.534303	1
cg06487098	0.483901	0.809954	-1.23464	0.000842367	0.225912	-4.4265	0.00153104	0.258937	-3.86195	0.0470102	0.5099	-1.96117	9.2313	12.8337	1.23577	1
cg00698535	0.00709082	1.6511	1.6511	0.0609312	0.737531	-1.35588	0.229879	1.19911	1.19911	0.819312	0.967559	-1.03353	7.02456	2.31128	0.29247	1
cg09058650	0.518186	1.17946	1.17946	0.000130638	0.187581	-5.33102	0.0925826	1.5942	1.5942	0.906772	1.02996	1.02996	6.86199	6.89988	0.893797	1
cg09415601	0.132884	0.613318	-1.63048	0.38382	0.76396	-1.30897	0.00536851	0.331087	-3.02035	0.0309898	0.466	-2.14592	6.73038	9.68994	1.27976	1
cg06535849	0.458362	0.744268	-1.3436	0.000752242	0.135446	-7.383	0.107444	0.502973	-1.98818	0.08427	0.473756	-2.11079	5.59608	13.5597	2.15384	1
cg02533239	0.0669907	0.477619	-2.09372	0.0175795	0.353542	-2.82852	0.509322	0.78591	-1.27241	0.273268	0.663428	-1.50732	5.42086	11.12	1.8234	1
cg04642627	0.816911	0.937148	-1.06707	0.0457523	0.526739	-1.89847	0.271414	0.725798	-1.37779	0.133435	0.635644	-1.57321	4.86523	6.03724	1.10302	1
cg07021331	0.91273	0.96234	-1.03913	0.00668573	0.291727	-3.42786	0.652852	0.853387	-1.1718	0.00845925	0.308138	-3.2453	4.4687	8.67751	1.72608	1
cg10021819	0.099207	0.582158	-1.71775	0.0402942	0.492057	-2.03228	0.829962	0.937653	-1.06649	0.141688	0.623133	-1.60479	4.18963	5.94558	1.26144	1
cg06069206	0.465879	1.17381	1.17381	0.886836	0.969718	-1.03123	0.818778	1.05081	1.05081	0.315181	0.79909	-1.25142	3.84951	2.84317	0.656516	1
cg00940248	0.0694855	0.439223	-2.27675	0.0590944	0.421645	-2.37166	0.0507898	0.405876	-2.46381	0.59415	1.24349	1.24349	3.55895	9.25461	2.31145	1
cg00471368	0.0180582	0.214168	-4.66923	0.0215204	0.2273	-4.39947	0.0692539	0.336026	-2.97596	0.101381	0.381972	-2.61799	3.55261	16.1982	4.05291	1
cg01671681	0.0256541	2.38531	2.38531	0.0482878	0.477059	-2.09618	0.877149	0.950531	-1.05204	0.0388754	0.456447	-2.19084	4.76699	8.12063	1.51424	1
cg07480762	0.0261025	3.09643	3.09643	0.974241	1.01392	1.01392	0.0337949	0.346045	-2.88979	0.0107579	0.253588	-3.9434	4.66157	13.534	2.58072	1
cg00757822	0.0169317	0.525206	-1.90401	0.602859	0.890436	-1.12305	0.156883	1.39754	1.39754	0.168335	0.722865	-1.38338	8.71236	6.74355	0.688018	1
cg13033061	0.162898	0.667708	-1.49766	0.131755	0.643288	-1.55451	0.094225	1.6469	1.6469	0.362184	0.775715	-1.28913	8.64822	10.0713	1.03516	1
cg04114537	0.0372283	0.706057	-1.41632	0.0705868	0.747643	-1.33754	0.770094	0.958699	-1.04308	0.000358839	0.438651	-2.27971	8.29784	2.72238	0.29163	1
cg01885796	0.296028	0.706951	-1.41453	0.0212913	0.412365	-2.42504	0.187309	1.56405	1.56405	0.0174715	0.396176	-2.52413	7.31483	11.8666	1.44202	1
cg12611897	0.0104208	0.408374	-2.44874	0.00066052	0.234969	-4.25589	0.0175084	0.448012	-2.23208	0.00189572	0.294573	-3.39474	6.69589	8.17653	1.08545	1
cg15609035	0.0033303	0.369704	-2.70487	0.796011	0.93753	-1.06663	0.22164	0.726243	-1.37695	0.00090063	0.290229	-3.44556	6.28542	6.17205	0.872856	1
cg04798102	0.748026	0.936325	-1.068	0.279368	0.794878	-1.25806	0.54729	0.8831	-1.13237	0.0293771	0.592286	-1.68837	4.63647	3.05969	0.586594	1
cg25565505	0.629077	0.779095	-1.28354	0.313317	0.585756	-1.7072	0.11193	2.42972	2.42972	0.95993	1.0261	1.0261	3.49539	14.5613	3.70298	1
cg07821364	0.000360526	0.287693	-3.47593	0.272543	1.28233	1.28233	0.47097	0.852409	-1.17315	8.51E-05	0.214892	-4.6535	24.4616	18.3702	0.667537	1
cg01442889	0.00388327	0.371792	-2.68968	0.000678245	0.266701	-3.74952	0.0507836	0.56767	-1.76159	0.000495404	0.249764	-4.00378	14.1281	14.485	0.91135	1
cg14984126	0.0572115	0.789792	-1.26616	0.000238679	0.513079	-1.94902	0.180157	1.16897	1.16897	0.0108853	0.704217	-1.42002	12.6678	2.41397	0.169386	1
cg00722329	0.656424	0.930302	-1.07492	0.00496662	0.548742	-1.82235	0.00259201	0.509891	-1.9612	0.000698726	0.43418	-2.30319	9.98083	4.11577	0.366549	1
cg20932426	0.00432415	0.203094	-4.92384	0.00874328	0.247594	-4.03887	0.288218	0.630779	-1.58534	0.0227246	0.319942	-3.12557	9.55597	26.4345	2.45891	1
cg16648140	0.482292	1.12867	1.12867	0.00900467	0.569576	-1.75569	0.54982	0.902525	-1.108	0.0247898	0.63577	-1.5729	7.28183	3.31318	0.404437	1
cg06824523	0.448006	0.764224	-1.30852	0.193581	0.619804	-1.61341	0.131638	0.567831	-1.76109	0.0644129	0.48555	-2.05952	5.48963	10.513	1.70228	1
cg00055434	0.0440538	0.344588	-2.90202	0.00763364	0.206098	-4.85207	0.922316	0.956079	-1.04594	0.0067462	0.19843	-5.03956	4.98061	16.7263	2.98515	1
cg05005791	0.974863	0.995156	-1.00487	0.00201561	1.95708	1.95708	0.732627	0.94852	-1.05427	0.646842	1.07368	1.07368	4.70044	1.76833	0.334404	1
cg09185998	0.0314302	0.306651	-3.26103	0.0165529	0.253831	-3.93964	0.00724172	0.19733	-5.06766	0.0217493	0.275242	-3.63317	4.69988	16.3291	3.08833	1
cg08655953	0.480852	1.17098	1.17098	0.00828629	2.10343	2.10343	0.0387512	1.69419	1.69419	0.741228	1.07573	1.07573	4.6155	3.54694	0.683097	1
cg19694770	0.209945	0.854687	-1.17002	0.0452871	1.3138	1.3138	0.188639	0.847448	-1.18001	0.609902	0.94068	-1.06306	4.53181	1.01367	0.198825	1
cg23911852	0.139562	0.733527	-1.36328	0.00402043	0.470823	-2.12394	0.591169	0.899704	-1.11148	0.0214941	0.583723	-1.71314	4.27376	2.57152	0.534844	1
cg08615111	0.938151	0.97703	-1.02351	0.0636323	0.535569	-1.86717	0.476892	1.24182	1.24182	0.0198524	0.430822	-2.32114	4.03501	5.73036	1.26236	1
cg00373616	0.670179	1.12716	1.12716	0.414104	0.791951	-1.2627	0.652083	1.1352	1.1352	0.414317	0.792039	-1.26256	3.996	4.94018	1.09892	1
cg12644668	0.394761	0.785069	-1.27377	0.00959265	0.402351	-2.48539	0.939269	1.02138	1.02138	0.0324029	0.498888	-2.00446	3.97146	4.84797	1.08507	1
cg01022121	0.409733	0.683465	-1.46313	0.00146178	0.125629	-7.95994	0.632662	0.804618	-1.24283	0.00748887	0.211385	-4.73069	3.92048	12.6532	2.86884	1
cg04341461	0.392351	0.581098	-1.72088	0.672257	0.768282	-1.3016	0.775842	1.19345	1.19345	0.367906	1.77346	1.77346	3.54336	21.5351	5.40232	1
cg15627072	0.0942943	0.464217	-2.15417	0.0827276	0.448576	-2.22928	0.00191929	0.159992	-6.25033	0.091189	0.460156	-2.17318	3.52817	9.72644	2.45049	1
cg17820022	0.627094	0.852813	-1.17259	0.0117804	2.78149	2.78149	0.123553	1.72025	1.72025	0.126554	1.71169	1.71169	3.44433	5.76923	1.48888	1
cg26444995	0.00209955	0.677125	-1.47683	0.000117028	0.544413	-1.83684	0.779825	1.02558	1.02558	0.342819	0.915699	-1.09206	10.7239	1.37919	0.114318	1
cg19156104	0.78396	0.955643	-1.04642	0.0483853	0.689107	-1.45115	0.00937772	1.72263	1.72263	0.262854	0.824711	-1.21255	6.54644	2.8259	0.383707	1
cg02833180	0.0132591	0.510219	-1.95994	0.465683	0.84979	-1.17676	0.557002	0.8779	-1.13908	0.0024531	0.396992	-2.51894	6.38565	4.86102	0.676659	1
cg06734510	0.640081	0.936531	-1.06777	0.000742582	2.04035	2.04035	0.155916	1.23538	1.23538	0.511155	0.911381	-1.09724	5.64243	1.73259	0.272946	1
cg22583333	0.107454	0.754897	-1.32468	0.312622	0.846066	-1.18194	0.539956	1.1044	1.1044	0.532533	1.10647	1.10647	3.86758	1.5689	0.360581	1
cg11598976	0.00606137	0.453172	-2.20667	0.261658	1.29498	1.29498	0.502384	1.16222	1.16222	0.919516	1.02257	1.02257	6.99968	5.40628	0.686543	1
cg08542227	0.907712	0.966469	-1.03469	0.73538	1.10491	1.10491	0.975972	1.0089	1.0089	0.576158	1.18068	1.18068	5.02168	6.87906	1.21766	1
cg16292586	0.767338	1.12193	1.12193	0.151351	1.81518	1.81518	0.642863	1.19851	1.19851	0.982169	0.991371	-1.0087	4.28464	10.2043	2.11699	1
cg15863826	0.580263	1.64213	1.64213	0.0400531	8.22358	8.22358	0.00382861	31.8764	31.8764	0.149424	3.94549	3.94549	3.53704	44.1708	11.1005	1
cg19448816	0.64813	0.901584	-1.10916	0.225965	0.75074	-1.33202	0.000227709	3.98011	3.98011	0.207642	1.34931	1.34931	10.4611	8.42349	0.71575	1
cg18422055	0.808796	1.12948	1.12948	0.002239	0.116533	-8.58123	0.340228	1.63828	1.63828	0.106713	0.412885	-2.42198	3.65567	14.6046	3.55115	1
cg10656016	0.796864	0.913077	-1.0952	0.0997556	0.529447	-1.88876	0.57417	1.22159	1.22159	0.243513	0.650385	-1.53755	4.46867	8.79561	1.74957	1
cg23241328	0.409072	1.13847	1.13847	0.0420079	0.697742	-1.4332	0.0829744	1.34292	1.34292	0.000620982	2.2453	2.2453	14.9852	5.59901	0.332121	1
cg08062023	0.785192	0.938793	-1.0652	0.00374694	0.40464	-2.47133	0.710123	1.09015	1.09015	0.127853	0.683472	-1.46312	6.02641	5.10102	0.752396	1
cg27096807	0.0383197	0.646049	-1.54787	0.432422	1.15699	1.15699	0.793997	1.04878	1.04878	0.0860485	0.708048	-1.41233	4.34208	2.27812	0.466364	1
cg26542214	0.609229	0.941899	-1.06169	0.00842069	0.676596	-1.47799	0.0311032	1.34147	1.34147	0.00165324	1.68677	1.68677	5.36047	1.1444	0.189767	1
cg26312814	0.0153598	0.681186	-1.46803	0.000525621	2.00822	2.00822	7.51E-05	0.280405	-3.56627	1.39E-05	0.310237	-3.22334	95.4073	25.1632	0.23444	1
cg06989693	0.330535	1.26645	1.26645	0.0315094	0.552464	-1.81007	0.568461	0.873181	-1.14524	0.00195698	0.356992	-2.80119	17.5775	15.4082	0.779189	1
cg03300589	0.0576614	1.15825	1.15825	0.702069	1.02665	1.02665	0.0017713	1.35621	1.35621	0.00117757	1.38509	1.38509	16.2791	1.20774	0.0659464	1
cg07230959	0.924206	0.957942	-1.0439	0.755648	1.15138	1.15138	0.0716853	0.403303	-2.47952	0.0619035	0.387005	-2.58395	6.14188	19.8331	2.87037	1
cg11670605	0.912805	0.975383	-1.02524	0.340187	0.799572	-1.25067	0.0822124	1.54982	1.54982	0.0739081	1.57347	1.57347	4.42519	3.62902	0.728961	1
cg14519115	0.486522	0.922851	-1.0836	0.977095	0.996745	-1.00327	0.205435	0.859248	-1.16381	0.116049	1.21405	1.21405	6.12787	1.2515	0.181538	1
cg02952379	0.654322	1.15835	1.15835	0.000305221	0.147616	-6.77432	0.79585	0.918915	-1.08824	0.0752476	0.524126	-1.90794	6.28031	10.5804	1.49751	1
cg24806623	0.0231688	2.51113	2.51113	0.264386	1.48373	1.48373	0.764546	0.903138	-1.10725	0.0306341	0.422568	-2.36648	5.66908	10.3287	1.6195	1
cg03827720	0.10091	1.26055	1.26055	0.0798097	1.28471	1.28471	0.82555	0.971951	-1.02886	0.379386	1.12324	1.12324	4.76389	1.25316	0.233826	1
cg15736336	0.00162632	0.323544	-3.09077	0.270055	1.33244	1.33244	0.155404	1.46217	1.46217	0.153051	0.682221	-1.4658	6.7592	6.68579	0.879235	1
cg06233731	0.010105	0.545552	-1.83301	2.93E-06	0.124415	-8.03761	0.0385574	0.63925	-1.56433	0.0049883	0.499635	-2.00146	37.4809	20.695	0.490799	1
cg12732284	0.000151668	0.406686	-2.4589	0.000203184	0.422224	-2.36841	0.0036007	0.57953	-1.72554	4.74E-05	0.346045	-2.88979	41.0054	12.4416	0.269702	1
cg02847220	0.0134802	0.64949	-1.53967	0.00117859	0.510951	-1.95714	0.547605	0.917722	-1.08965	0.000709993	0.483019	-2.07031	11.671	3.67979	0.280261	1
cg07560922	0.649384	1.04938	1.04938	0.115707	0.835205	-1.19731	0.836287	0.978444	-1.02203	0.0343707	0.771117	-1.29682	7.50287	1.31794	0.156141	1
cg18457944	0.221492	1.18729	1.18729	0.00012655	2.43845	2.43845	0.261614	0.855227	-1.16928	0.844084	1.02665	1.02665	7.49549	2.11862	0.251247	1
cg17024257	0.746016	1.0622	1.0622	0.0470427	1.52504	1.52504	0.00362374	2.07713	2.07713	0.0153021	1.73817	1.73817	4.95232	2.70396	0.485332	1
cg02937055	0.370624	0.686232	-1.45723	0.00457922	0.21309	-4.69286	0.452046	0.730671	-1.3686	0.380974	0.692086	-1.44491	4.35572	11.5719	2.36152	1
cg11276382	0.119867	0.655255	-1.52612	0.0110707	2.2214	2.2214	0.960064	0.987534	-1.01262	0.00643006	0.411503	-2.43012	4.24528	4.21972	0.883538	1
cg00082310	0.0157201	0.576257	-1.73534	0.00924334	0.540563	-1.84992	0.518522	0.88526	-1.12961	0.126564	0.735113	-1.36034	3.8438	2.11065	0.488094	1
cg15329866	0.0273519	0.304446	-3.28465	0.00975712	0.225626	-4.43211	0.498489	1.36757	1.36757	0.238482	0.569808	-1.75498	3.5167	11.559	2.92168	1
cg11647651	0.0141396	1.68314	1.68314	0.000200588	2.92456	2.92456	0.407025	1.15701	1.15701	0.177057	1.2798	1.2798	7.48971	3.50708	0.416225	1
cg23808301	0.267591	0.72362	-1.38194	0.0024875	0.308041	-3.24632	0.0328824	0.497071	-2.01179	0.0516902	0.537798	-1.85944	4.95733	6.16008	1.10455	1
cg08360726	0.29084	1.70027	1.70027	0.631906	1.26328	1.26328	0.000428059	14.8729	14.8729	0.00106569	10.4029	10.4029	7.40937	27.5151	3.30093	1
cg00456774	0.0312913	0.256681	-3.89589	0.0044506	0.129717	-7.70909	0.450091	1.51323	1.51323	0.0938382	0.370942	-2.69584	3.51334	16.1216	4.07882	1
cg00043080	0.253346	0.749483	-1.33425	0.852658	0.956052	-1.04597	0.622786	1.12733	1.12733	0.000111181	0.193379	-5.17118	19.7644	18.2908	0.822613	1
cg14808759	0.0849686	0.723146	-1.38285	0.0233469	0.63056	-1.58589	0.0843994	1.38384	1.38384	0.0230938	1.58774	1.58774	18.2552	8.37285	0.407693	1
cg17072268	0.30919	0.767754	-1.3025	0.780234	0.932169	-1.07277	0.690548	0.904394	-1.10571	0.000703554	0.273348	-3.65834	14.7004	14.6822	0.88779	1
cg07071106	0.285392	0.812677	-1.2305	0.0164424	0.578085	-1.72985	0.0337865	1.58941	1.58941	0.535248	0.88925	-1.12454	7.33207	4.05809	0.491975	1
cg12748926	0.859755	0.888256	-1.1258	0.00698719	0.0965646	-10.3558	0.803182	1.18213	1.18213	0.0118052	0.121636	-8.22126	4.58756	32.6172	6.31993	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	Ratio(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	Ratio(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	Ratio(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1 vs. N)	Ratio(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1 vs. N)	Ratio(1437 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	Ratio(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	Ratio(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg05306950	PLD1;PLD1;C19orf47	0.0275753	0.893292	1.04643	1.04443	?	?	?	?	0.0412426	0.2250016	-3.92133	?	?	?	0.317311	1.46003	1.46003	0.565382	1.21576	1.21576	?	?	?	0.00383593	0.0318533	-31.3939	38.1221	24.4125	0.25615	1
cg13982417	PLD3;PLD3;C19orf47	0.0313539	0.559845	0.8333357	-1.19997	0.650771	1.89723	1.89723	0.0172099	2.45073	2.45073	0.384545	0.759079	-1.31739	0.44676	0.785915	-1.2724	0.0255263	0.440212	-2.27163	?	?	?	0.0929921	0.564736	-1.77074	4.17401	4.91494	1.34573	1
cg18376335	PLD3;PLD3;PLD3;C19orf47;PLD3	0.000930869	0.0238661	1.51955	1.51955	0.00601198	1.7823	1.7823	0.0677518	0.7335581	-1.36318	0.001906914	0.48091	-2.07939	0.188162	1.22968	1.22968	0.100817	0.763543	-1.30968	0.00257156	1.99306	1.99306	0.000170671	3.15766	3.15766	0.0297525	1.48413	1.48413	19.1708	6.093617	0.211908	1
cg19705564	PLD4	0.000157393	0.525516	-1.90284	9.75E-07	0.277726	-3.6001	0.00715159	0.3107803	-1.41282	1.94E-05	0.2420943	-2.36943	1.48E-06	0.2909061	-3.36813	1.31E-06	0.290861	-3.43807	0.0733587	0.81995	-1.21959	1.04E-05	0.3915242	-2.55597	0.000850998	0.607268	-1.64672	55.6986	8.73333	0.139374	1
cg20978937	PLD4	0.000489424	0.000694471	1.57262	1.57262	0.223683	0.957577	-1.0443	0.0033759	1.4173	1.4173	3.19E-05	2.03061	2.03061	0.1600356	1.14033	1.14033	0.0641116	1.19963	1.19963	0.846788	1.08322	-1.01707	0.0281176	1.25466	1.25466	0.000368636	1.64681	1.64681	14.3755	1.74238	0.107737	1
cg19931922	PLD4	0.000687352	0.045445	1.43789	1.43789	0.2284663	1.50572	1.50572	0.00073443	0.4493932	-2.25216	0.044738	1.44011	1.44011	0.00156081	2.05361	2.05361	0.01278	1.63166	1.63166	0.0017643	2.02415	2.02415	0.00605873	1.76363	1.76363	0.0355662	0.678893	-1.47299	13.0776	5.189859	0.352739	1
cg20145009	PLD4	0.00201147	0.0160313	1.98587	1.98587	0.42827	0.828431	-1.2071	0.000966712	3.13732	3.13732	0.000679803	3.34852	3.34852	0.0178327	1.95481	1.95481	0.0484475	1.69003	1.69003	0.0216493	1.89979	1.89979	0.00145701	2.91562	2.91562	0.00282441	2.60446	2.60446	9.62584	8.25798	0.762575	1
cg20230507	PLD4	0.000394711	0.00159594	10.7458	10.7458	0.000705549	14.8246	14.8246	0.1060973	2.51396	2.51396	0.0879409	2.67394	2.67394	0.0794869	2.76425	2.76425	0.0298844	3.79796	3.79796	0.000818949	3.57913	3.57913	0.00455599	7.21161	7.21161	0.00945953	5.57062	5.57062	8.51863	36.8013	3.84009	1
cg19352829	PLD4	0.0268667	0.800462	0.9513316	-1.05118	0.6164441	0.561185	-1.78194	0.128904	0.7237703	-1.38178	0.0445196	0.634665	-1.57563	0.323698	0.818025	-1.22246	0.589774	0.899287	-1.11323	0.0128326	1.83861	1.83861	0.0892787	1.44664	1.44664	0.116784	0.714765	1.39906	4.24003	2.613338	0.546713	1
cg21102746	PLD4	0.0361097	0.0441764	0.440261	-2.27138	0.0261053	0.391916	-2.55156	0.0036209	0.247285	-4.04391	0.163815	0.590228	-1.69426	0.00775617	0.2972104	-3.3647	0.713991	0.877553	-1.13953	0.346054	0.70869	-1.41105	0.108315	0.537068	-1.86196	0.357337	0.71469	-1.39921	1.82361	7.625312	1.77264	1
cg16838967	PLD4	0.00461099	0.0060208	1.66102	-1.66102	0.0104973	0.144354	-6.9273	0.0012803	1.48548	1.48548	0.277423	1.98078	1.98078	0.1642405	1.50543	1.50543	0.0606865	1.59528	1.59528	0.280511	1.34209	1.34209	0.642721	1.56009	1.56009	0.767278	1.767278	1.767278	0.493445	20.3579	5.115452	1
cg07137606	PLD5	5.75E-06	0.0056317	0.92491	-1.08119	0.00234752	0.611571	-1.63513	0.120429	0.822762	-1.21542	0.540201	1.07446	1.07446	0.0118308	0.717389	-1.39394	0.00368505	0.634692	-1.57557	0.0134857	0.701717	-1.42508	9.64E-08	7.47484	7.47484	0.674036	1.05022	1.05022	46.8248	9.94774	0.188841	1
cg18786643	PLD5	0.00201676	0.0243148	-1.60682	0.958201	0.901168	-1.00891	0.9903922	1.16053	1.16053	0.00573884	1.84566	1.84566	0.042386	0.6732342	-1.44535	0.0147758	0.708459	-1.30063	0.0188981	0.638031	-1.61804	0.00420852	1.91312	1.91312	0.0295585	1.20151	1.20151	7.03951	3.31974	0.403279	1
cg18181201	PLD5	0.00657092	0.0125003	0.47864	-2.08925	0.0413026	0.572285	-1.74738	0.00273448	0.375042	-2.66636	0.00823947	0.4403541	-2.22846	0.176718	0.7115494	-1.40567	0.0318719	0.550811	-1.8155	0.0111177	0.470107	-2.12718	0.0263865	1.86303	1.86303	0.517765	0.855995	1.16823	6.74661	6.00781	0.79155	1
cg23840812	PLD5	0.0228284	0.00931777	0.0696151	-14.3647	0.0259259	0.118109	-8.46674	0.0775327	0.204914	-4.88009	0.160179	0.297523	-3.36108	0.0873233	0.0612194	-16.3347	0.182793	0.139135	-3.13347	0.00869779	0.0670839	-14.9067	0.0155622	0.0912203	-10.9625	0.0409156	0.148629	-6.72817	0.496245	46.4811	9.18871	1
cg19205994	PLD5	0.0234474	0.21584	1.31872	1.31872	0.0021827	0.425758	-2.34875	0.844264	0.859088	1.16426	0.179288	0.82565	-1.21115	0.1681443	0.732004	-1.36609	0.55235	1.13619	1.13619	0.0574525	0.633569	-1.57836	0.0461965	1.62441	1.62441	0.0997577	1.46687	1.46687	4.45514	3.18302	0.653074	1
cg03002586	PLD5	0.0259486	0.777926	0.915581	-1.0922	0.0298488	0.450548	-2.21952	0.309285	0.720206	-1.38849	0.0936632	1.77728	1.77728	0.00764368	0.343133	-2.91432	0.469444	0.794874	-1.25806	0.0714841	0.533732	-1.8736	0.0638233	0.522106	-1.91532	0.00846677	0.350451	-2.85347	4.30104	6.62826	1.36985	1
cg04205107	PLD5	0.0497095	0.701808	1.11723	1.11723	0.21836	1.45217	1.45217	0.0334798	2.0459	2.0459	0.0833129	1.07455	1.07455	0.3944666	0.777779	-1.28571	0.275584	0.731215	-1.36803	0.4443498	0.798398	-1.25251	0.00276481	3.2853	3.2853	0.869378	1.04864	1.04864	3.99564	4.465	1.16882	1
cg11392858	PLD6	0.349032	0.972757	-1.03997	0.00051977	0.051126	-19.5595	0.765095	1.18281	0.182881	1.18281	0.00299791	9.3581	9.3581	0.00200193	10.7889	10.7889	0.00700241	0.147212	-6.79292	0.183024	2.17322	2.17322	0.00822619	0.156119	-6.40536	0.0917676	0.360663	-2.77293	12.4065	59.3053	4.24904	1
cg11775634	PLD6	0.00220169	0.759562	0.958735	-1.04304	0.000408568	2.16134	2.16134	0.0135264	0.65732	-1.52133	0.0455132	1.37003	1.37003	0.00186704	0.545646	-1.83269	0.0409843	0.723417	-1.38233	0.538932	0.918147	-1.08915	0.8416648	0.972914	-1.02784	0.525453	0.915462	-1.09234	9.37518	2.798008	0.265294	1
cg00225322	PLD6	0.0225322	0.410276	0.6912027	-1.44675	0.00422115	0.685318	-1.44263	0.0143199	0.838089	-1.2978	0.172982	1.88894	1.88894	0.1529194	1.56004	1.56004	0.27051	0.604626	-1.65391	0.012321	0.254884	3.92332	3.92332	0.0066662	2.213537	-4.68302	0.00233875	0.155516	-6.44498	0.53189	28.3698	2.70811	1
cg25393494	PLD6	0.00344321	0.008093937	0.1886554	-5.30072	0.00758515	0.185116	-5.40202	0.0279263	0.27919	-3.58179	0.395946	1.53265	1.53265	0.235582	1.84145	1.84145	0.00144705	0.10426	-9.59141	0.0227307	0.262035	-3.81628	0.00146558	0.104752	-9.54634	0.0256382	0.271946	-3.6772	8.21391	33.3851	3.39642	1
cg27349120	PLD6	0.0479746	0.54377	1.83852	1.83852	0.144067	0.725764	-1.37786	0.3307343	0.744394	1.34231	0.660732	1.0478	1.0478	0.5514447	1.06038	1.06038	0.1169657	0.555447	1.80059	0.1588514	0.899557	1.11205	1.11205	0.2888	0.890105	-1.12346	4.43171	3.92557	0.737353	1
cg26043529	PLD6	0.00503993	0.0666854	0.677477	-1.47606	0.0476604	0.651219	-1.53558	0.065	0.675436	-1.48053	0.22705	0.78649	-1.27147	0.000114499	0.27752	3.60334	0.00740784	0.520312	-1.92193	0.109732	0.71878	-1.39125	0.1591619	0.752054	-1.32969	0.471603	1.14875	1.14875	7.32079	4.15829	0.504899	1
cg26906998	PLD6	0.0103253	0.140204	0.4185559	-2.38915	0.00690652	0.146758	-6.81394	0.00784814	0.153767	-6.50333	0.0208163	0.60374	0.60374	0.0654248	3.27565	3.27565	0.581809	0.736919	-1.357	0.0459084	0.284865	-5.10044	0.511863	0.694114	-1.44069	5.85033	27.9084	4.24035	1
cg16340422	PLD6	0.00228109	0.0027602	0.0080933	11.0035	0.0117089	0.0549643	-18.1936	0.0569778	0.137438	-7.27603	0.689134	0.6904868	-1.44829	0.447051	0.4809703	-2.04178	0.0383137	0.208595	-4.79325	0.0048548	0.0396437	-25.2226	0.0210558	0.0770203	-12.9832	0.447063	0.614049	0.41449	11.944	1
cg05590257	PLD6	0.0246975	0.129345	0.205561	-4.86473	0.0203395	0.0672141	-14.8778	0.5676	0.572504	-1.74671	0.0367647	10.4027	10.4027	0.0295076	11.8742	11.8742	0.0305916	0.0860679	-11.6187	0.637224	0.632188	-1.58181	0.573449	0.577437	-1.73179	0.0522281	0.118656	-8.42776	4.37571	64.5847	13.1199	1
cg00572586	PLD6	0.0314312	0.162405	0.3285573	-3.04346	0.0238748	0.191742	-5.21534	0.0504987	0.280194	-3.56911	0.0840405	1.12546	1.12546	0.7615832	1.30992	1.30992	0.0179583	0.116903	-8.5561	0.5460827	0.629429	-1.58874	0.7217501	0.675192	-2.04395	0.410057	0.2444	0.211571	0.384221	2.45495	35.4499	7.83894	1
cg23661344	PLD6	0.0359976	0.0323846	0.321039	-3.1144	0.0819754	0.417284	-2.39645	0.93263	1.03909	1.03909	0.00494309	5.40706	5.40706	0.120371	2.13314	2.13314	0.333265	0.635969	-1.5724	0.928994	0.960383	-1.04125	0.30965	0.620779	-1.61088	0.458092	0.709888	1.40867	1.82793	12.4681	2.89523	1
cg03292213	PLD6;PLD6	0.00134413	0.000171268	0.00764006	-130.889	0.0148931	0.10171	-9.83192	0.042887	0.168886	-5.92116	0.0153171	9.69816	9.69816	0.00987147	12.0434	12.0434	0.0409843	0.723417	-1.38233	0.538932	0.918147	-1.08915	0.8416648	0.972914	-1.02784	0.525453	0.915462	-1.09234	9.37518	2.798008	0.265294	1
cg23122570	PLD6	0.00154429	0.00260144	0.0066868	0.125067	0.0116248	0.0853128	-11.7268	0.0001	0.0022522	-2.59391	0.0027124	0.3705986	2.69981	0.0027124	0.3705986	2.69981	0.0137857	0.314975	-3.17485	0.0027124	0.3705986	2.69981	0.0133155	-7.50877	0.162672	0.568025	-1.76048	0.00319304	0.111794	8.94501	10.3923	1.20732	1
cg14077720	PLDN	0.00164261	0.271215	0.880095	-1.13624	0.0047407	0.15932	-1.51932	0.0116912	0.170161	1.70161	0.982017	1.00252	1.00252	0.975898	1.24641	1.24641	0.0031928	1.5666	1.5666	0.00114021	0.586546	-1.70489	0.187298	1.16864	1.16864	0.884143	0.983873	-1.01639	10.2086	2.01027	0.175039	1
cg16376612	PLDN	0.00283116	0.496843	1.01241	1.01241	0.9146567	0.725764	-1.37786	0.3307343	0.744394	1.34231	0.660732	1.0478	1.0478	0.5514447	1.06038	1.06038	0.0899319	1.339	1.339	0.0154604	0.746914	-1.04746	0.7610394	0.954606	-1.0481	0.0711532	0.733113	6.34605	4.17285	3.02722	0.733863	1
cg07121980	PLDN	0.00890257	0.00300329	4.93074	4.93074	0.07385516	1.8163	1.8163	0.0195014	2.55114	2.55114	?	?	?	0.00207462	5.82301	5.82301	0.0066278	1.60949	1.60949	0.590878	1.15571	1.15571	0.266184	0.725964	-1.37748	0.156367	0.649086	-1.54063	15.7459	13.4398	0.426772	1
cg15383732	PLDN	0.0132319	0.769164	0.947309	-1.05562	0.00164429	2.29113	2.29113	0.0020666	2.22109	2.22109	0.732995	0.939027	-1.06493	0.360898	1.18855	1.18855	0.816406	1.04371	1.04371	0.112765	0.727942	-1.37374	0.475187	0.874967	-1.1429	0.450985	1.15174	1.15174	5.39886	2.893902	0.476318	1
cg20135692	PLDN;PLDN	0.00228009	0.2098644	1.0119	1.0119	0.7146457	0.723568	-1.38196	0.0550778	0.796379	-1.25578	0.0923868	-1.31536	0.6942866	0.0007456	2.92505	2.92505	0.0745756	1.42542	1.42542	0.0074154	2.04203	-4.66847	0.0003013	0.817871	1.07226	1.07226	0.146887	1.59308	1.59308	0.71751	1.1148	1.1148	3.89922	5.52519	1.42005	1
cg06818484	PLEC1	0.00540991	0.893922	0.985038	-1.01519	0.0507624	1.28594	1.28594	0.0530725	1.28193	1.28193	0.671529	0.952947	-1.04938	0.594161	0.941043	-1.06265	0.0368832	0.760403	-1.31509	0.000463476	0.536671	-1.86334	0.658789	1.0515	1.0515	0.0197479	1.37454	1.37454	7.16377	1.44859	0.179742	1
cg27013748	PLEC1	0.00679304	0.31878	1.0496	1.0496	0.9506211	0.979324	-1.02709	0.9455919	1.00843	1.00843	0.00407951	1.27613	1.27613	0.00227568	1.30997	1.30997	0.0009144	1.36626	1.36626	0.0001128	1.19891	1.19891	0.0729241	-1.02831	0.0262488	1.18148	0.67852	0.624416	0.0906303	1.61	1.61	0.0563165	1
cg11529109	PLEC1	0.00867772	0.821638	1.17296	1.17296	0.0242805	0.0335021	-29.7689	0.0033212	0.0397632	-25.1489	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.675234	1.34735	0.476442	1.67246	0.200668	2.64728	2.64728	0.95199	44.7885	5.01324	1
cg01242619	PLEC1	0.0240615	0.0120111	12.0562	12.0562	0.147447	3.43875	3.43875	0.0609974	5.35406	5.35406	0.0398097	6.60932	6.60932	0.362392	0.475266	-2.10408	0.643916	1.4475	1.4475	0.00202102	31.8247	31.8247	0.594706	0.652668	-1.53217	0.725446	1.32336	1.32336	4.41548	44.1544	8.88881	1
cg08909802	PLEC1	0.0242508	0.0263748	0.0344581	-2.91371	0.0139564	0.0942	-10.6157	0.0352	0.0243617	-4.10567	0.0284552	0.6942	0.6942	0.0352	0.0243617	-4.10567	0.0179583	0.116903	-8.5561	0.5460827	0.629429	-1.58874	0.7217501	0.675192	-2.04395	0.410057	0.2444	0.211571	0.384221	2.45495	35.4499	7.83894	1
cg11224624	PLEC1	0.0352452	0.0158648	127.443	127.443	0.173006	10.7968	10.7968	0.0596298	32.7263	32.7263	0.0497214	39.3715	39.3715	0.413214	0.253444	3.94564	0.986689	0.972998	-1.02775	0.457997	0.489729	489.729	0.369238	0.220222	-4.54087	0.604069	2.59533	2.59533	3.85737	164.479	37.9023	1
	PLEC1;MIR661;PLEC1;PLEC1;PLEC1;PLE																																	
cg00128812	C1;PLEC1	0.00983664	0.00709774	0.651646	-1.53458	0.245384	0.858121	-1.16534	0.00256103	0.590515	-1.69344	0.320343	1.13804	1.13804	0.672162	0.947808	-1.05507	0.0675827	1.29418	1.29418	0.253081	1.16221	1.16221	0.0130481	0.678528	-1.47378	0.318459	1.13866	1.13866	5.94182	1.4924	0.223261	1
cg14199723	PLEC1;PARP10	0.00423152	0.0548887	0.474808	-2.10518	0.0327655	0.28731	-3.48005	0.0139515	3.75745	3.75745	0.0144447	1.50074	1.50074	0.0160874	1.10314	1.10314	0.0441484	0.413284	-2.41974	0.0176824	0.763183	-1.31016	0.0644732	1.32954	1.32954	0.0401483	1.38918	1.38918	0.0044921	1.64117	9.04388	17.255	1.6385	1
cg03111984	PLEC1;PARP10	0.00276714	0.142017	0.680506	-1.43163	0.0980058	0.151506	-1.51066	0.263533	0.30333	0.30333	0.0544472	1.64212	1.64212	0.0223089	0.382077	2.61727	0.0219433	0.533786	-1.87341	0.183896	0.725843	-1.37771	0.0144032	2.86164	2.86164	0.0337	1.75724	1.75724	8.76553	7.17204	0.727297	1
cg22259293	PLEC1;PARP10	0.0056972	0.581543	1.11986	1.11986	0.481854	1.15648	1.15648	0.609734	1.11037	1.11037	0.0126571	1.87812	1.87812	0.131566	1.39242	1.39242	0.393849	0.837266	-1.19436	0.000278398	0.298395	-3.35126	0.663127	0.914724	-1.09323	0.0706073	1.50816	1.50816	7.0508	4.61818	0.582211	1
cg05457903	PLEC1;PARP10	0.00275949	0.0732049	-1.36607	0.0177075	0.0177077	1.15577	1.15577	0.853528	1.04175	1.04175	0.659407	1.10314	1.10314	0.4441484	0.413284	-2.41974	0.270034	1.28942	1.28942	0.460702	1.18083	1.18083	0.26648	1.29207	1.29207	0.629488	1.807995	1.11359	4.21123	1.29207	0.629488	1
cg20680163	PLEC1;PARP11	0.00053238	0.2813	3.816	3.816E-05	0.65306	0.653306	0.00403907	2.11993	2.11993	0.0047329	0.07533	0.275985	0.802112	0.124671	0.473844	0.867844	-1.15228	0.000978041	2.59649	2.59649	0.0665866	1.49222	1.49222	0.0477903	0.643796	-1.55329	14.0437	8.42166	0.533046	1
cg23155271	PLEC1;PARP11	0.00491002	0.0729942	1.74812	1.74812	0.0866395	2.54623	2.54623	0.0003907885	3.93655	3.93655	0.807723	1.07047	1.07047	0.0256973	0.477087	-2.09605	0.138109	0.640217	1.56197	0.402495	0.780176	-1.27036	0.1629943	1.5075	1.5075	0.0397827	1.51483	1.51483	-1.94239	7.3937	9.17444	1.00825	1
cg04044479	PLEC1;PARP11	0.00831852	0.0777471	3.40166	-3.41056	0.00857838	0.622422	-1.15222	0.707864	1.26565	1.26565	0.733871	0.807696	-1.23809	0.0221336	0.179614	-5.56749	0.2478008	2.13014	2.13014	0.00319675	0.0805375	-12.4166	0.0233132	5.45481	5.45481	0.391565	1.73217	1.73217	6.30995	30.4426	5.14406	1
cg04802187	PLEC1;PARP11	0.0228955	0.234443	0.796455	-1.25556	0.0675157	1.45447	1.45447	0.12627	0.739299	-1.35263	0.103636	0.722534	-1.38402	0.496173	0.881464	-1.13448	0.717193	0.935736	-1.06868	0.0686959	1.89482	1.89482	0.805596	1.04606	1.04606	0.0111171	0.559195	-1.78829	4.4919	2.372009	0.469405	1
cg27649916	PLEC1;PARP11	0.00380704	0.853074	0.954432	-1.04753	0.0055104	0.351384	0.84139	0.582683	0.855355	-1.17157	0.179492	0.656755	-1.52205	0.00745756	0.314242	-3.18242	0.425511	1.19267	1.19267	0.0016883	0.652093	-1.53354	0.1021802	1.11802	1.11802	0.0163883	0.652093	-1.53354	0.1021802	1.11802	0.0163883	1.48427	1.14424	1
cg06029935	PLEC1;PARP11	0.0342611	0.00906693	10.5549	10.5549	0.305526	2.12641	2.12641	0.06438	4.3824	4.3824	0.0182029	7.67997	7.67997	0.50927	0.621228	-1.60971	0.5866116	1.47758	1.47758	0.00466908	14.5077	14.5077	0.575627	1.49504	1.49504	0.975129	1.02241	1.02241	1.89707	31.2075	7.31816	1
cg00375153	PLEC1;PARP11	0.0382959	0.195281	0.537124	-1.86093	0.950611	0.979324	-1.02709	0.9455919	1.00843	1.00843	0.00407951	1.27613	1.27613	0.00227568	1.30997	1.30997	0.0349603	0.660013	-1.51512	0.00533694	0.205196	-4.87338	0.2013448	0.573785	-1.74281	0.853572	1.08299	1.08299	5.7425	11.0375	2.62213	1
cg16663419	PLEC1;PARP11	0.0393372	0.165995	2.1631	2.1631	0.0543644	3.12751	3.12751	0.0665169	2.92918	2.92918	0.62451	1.2939	1.2939	0.0161194	0.214855	-4.65431	0.756918	0.850299	-1.17606	0.0605803	3.10939	3.10939	0.072344	2.8502	2.8502	0.251963	1.535226	-1.86837	3.70585	16.0113	3.84049	1
cg05141333	PLEC1;PARP11	0.00445511	0.245699	0.529227	-1.88955	0.0195636	4.38706	4.38706	0.319017	1.71556	1.71556	0.2754911	1.81228	1.81228	0.142513	0.437713	-2.2846	0.152231	2.234	2.234	0.0205721	0.23177	-4.31463	0.234146	0.520132	-1.92259	0.327418	1.69868	1.69868	3.54175	15.4081	3.86703	1
cg13572203	PLEC1;PARP11	0.00449212	0.0263737	0.4488	-2.22857	0.0140656	1.62047	1.62047	0.1734066	1.32425	1.32425	0.90557	0.916614	-1.09097	0.0832756	0.0444632	-22.4504	0.0888356	0.525332	-1.90364	0.676579	0.73058	-1.36878	0.552784	0.807958	-1.23792	0.0444632	-22.4504	0.0888356	0.525332	-1.90364	0.676579	0.73058	1.36878	0.552784	0.807958	-1.23792	0.57822	1
cg02681842	PLEC1;PARP11	0.0458998	0.232655	1.81949	1.81949	0.14638	2.10772	2.10772	0.26249	1.74638	1.74638	0.981862	1.01093	1.01093	0.00457749	0.164411	-6.08233	0.469754	0.703485	-1.4215	0.631661	1.25985	1.25985	0.0463447	2.97855	2.97855	0.307205	0.60319	-1.65785	3.49945	12.6761	3.21982	1
cg24234496	PLEC1;PARP11	0.0210468	0.0219483	2.1963	2.1963	0.0139642	2.11962	2.11962	0.0270284	2.00224	2.00224	0.0080454	1.01224	1.01224	0.148899	1.1979	1.1979	0.270363	0.602847	1.65911	0.0158501	1.44091	1.44091	0.0044253	1.44091	1.44091	0.0044253	1.44091	1.44091	0.0044253	1.44091	0.0044253	11.7082	1.07124	0.0915	1
cg08161931	PLEC1;PARP11	0.00237805	0.0835911	0.484282	-2.06491	0.622878	0.898836	-1.11255	0.0337136	1.70511	1.70511	0.159477	1.38193	1.38193	0.000200115	0.260963	-3.83197	0.93895	1.01662	1.01662	0.115238	0.691785	-1.44554	0.0034479	0.425446	-2.35048	0.759786	0.936141	-1.06822	9.16581	6.72099	0.651793	1
cg06452769	PLEC1;PARP11	0.00306358	0.145559	2.50555	2.50555	0.644191	1.58167	1.58167	0.000727122	0.204101	20.4941	0.312851	1.79885	1.79885	0.277413	0.514825	-1.94241	0.00450889	0.25306	0.25306	0.0103158	0.368415	2.71443	0.0018329	0.7554543	-1.32371	0.1599	0.906019	-1.10356	0.9435585	0.989364	-1.01075	0.35127	2.965	0.321406	1.32406	1
cg26766025	PLEC1;PARP11	0.022346	0.055	0.795938	-1.25638	0.00968409	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(1347 vs. N)	Fold-Change(1 347 vs. N)	p-value(1477 vs. N)	Fold-Change(1 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02471346	PLEKHA5;PLEKHA5	0.00400159	0.2103304	1.17581	0.0608008	1.29586	1.29586	0.0345232	1.35317	1.35317	0.000409261	0.502263	-1.99099	0.362592	1.12165	1.12165	0.150574	1.20807	1.20807	0.0400559	0.748705	-1.33564	0.0226926	0.715589	-1.99745	0.9359114	0.990182	-1.00991	7.84942	1.87117	0.211896	1
cg06708888	PLEKHA5;PLEKHA5	0.00773022	0.259345	0.763044	-1.31054	0.000323242	0.262729	-3.80621	0.03765	0.574552	-1.74049	0.0296569	0.555242	-1.80102	0.0171522	0.512947	-1.94952	0.476794	0.846824	-1.18888	0.156534	0.705882	-1.41667	0.52336	0.861875	-1.16026	0.00345325	0.401488	-2.49073	6.41292	5.36477	0.743606	1
cg12455116	PLEKHA5;PLEKHA5	0.00812886	0.262309	0.929765	-1.07554	0.000247748	0.685936	-1.45786	0.37463	1.05842	1.05842	0.272119	0.931254	-1.07382	0.0208121	0.840845	-1.18928	0.328406	0.939083	-1.06487	0.162846	0.911359	-1.09726	0.953887	1.00361	1.00361	0.00865795	0.811768	-1.23185	6.31231	0.388095	0.0546508	1
cg18223446	PLEKHA5;PLEKHA5	0.00870039	0.5045621	1.1489	1.1489	0.00540788	0.4272137	-2.11803	0.6226346	0.904316	-1.10581	0.000664249	0.343619	-2.9102	0.207142	1.31349	1.31349	0.615562	1.11102	1.11102	0.0503763	0.6330631	-1.57962	0.347146	1.21949	1.21949	0.0993797	0.690556	-1.4481	6.17832	4.11145	0.591524	1
cg14504168	PLEKHA5;PLEKHA5	0.0112894	0.240246	0.766474	-1.30468	0.000489706	0.30685	-3.25892	0.0903233	0.667845	-1.49735	0.069719	0.644856	-1.55073	0.0178395	0.593987	-1.68354	0.0806523	0.657668	-1.52052	0.0656543	1.56334	1.56334	0.886891	0.969685	-1.03126	0.176239	0.732715	-1.36479	5.68471	4.2121	0.658625	1
cg19755459	PLEKHA5;PLEKHA5	0.0122361	0.00652787	0.176919	-5.65229	0.1922243	0.508429	-1.96684	0.918881	1.05121	1.05121	0.622436	0.784089	-1.27537	0.00378546	0.147418	-6.78345	0.0917511	0.402581	-2.48397	0.0203941	0.2541653	-3.93448	0.0018573	0.1148	-8.71077	0.0557136	0.345617	-2.89337	5.53834	21.067	3.38119	1
cg09707903	PLEKHA5;PLEKHA5	0.0282288	0.105176	0.449159	-2.22638	0.187438	1.88059	1.88059	0.525051	1.33803	1.33803	0.770349	0.876052	-1.14148	0.0020625	0.14059	-7.11291	0.319599	0.628157	-1.59196	0.2240741	0.2963144	-3.3748	0.964329	0.979986	-1.02042	0.0494459	0.362931	-2.75534	4.17579	13.5161	2.87714	1
cg24441983	PLEKHA5;PLEKHA5	0.0487793	0.0496178	1.50016	1.50016	0.303221	0.124401	1.2113	0.776212	0.936091	-1.06834	0.0591604	1.4702	1.4702	0.813488	1.04372	1.04372	0.621782	0.913894	-1.09421	0.00314061	2.07734	2.07734	0.503916	0.884433	-1.13067	0.8404973	0.964164	-1.03717	5.42113	3.77651	0.461579	1
cg20574695	PLEKHA5;PLEKHA5;PLEKHA5	0.00319351	0.0132817	1.49013	1.49013	0.0832891	0.3128	1.30918	0.0496173	0.744511	-1.34389	0.154045	1.23611	1.23611	0.832286	1.02838	1.02838	0.520682	1.08971	1.08971	0.448145	0.240926	-4.03347	0.130704	1.24031	1.24031	0.0484605	1.34606	1.34606	18.5273	5.10954	0.245141	1
cg19272720	PLEKHA6	0.0001891	0.0001113902	0.185811	-5.3818	0.029203	0.528114	-1.89353	0.00121719	0.308418	-3.24235	0.0607163	0.591348	-1.69105	0.000556462	0.2642281	-3.78385	0.671405	0.899406	-1.11184	8.27E-06	0.0892366	-11.2062	0.299121	0.765382	-1.30654	0.0142099	0.471632	-2.1203	18.6523	18.2363	0.869065	1
cg08085925	PLEKHA6	0.00760451	0.00760451	0.346206	-2.88774	0.0245802	0.524328	-1.90767	0.0116642	0.457025	-2.18806	0.0102858	0.3662217	-2.73107	0.0010898	0.3256602	-3.06958	0.0090207	0.133029	0.0004839	0.443426	-2.29134	0.385851	0.7923835	-1.31608	0.0118229	0.738652	-1.354094	0.153915	9.557614	1.34377	1
cg26787863	PLEKHA6	0.0145944	0.00966977	0.246848	-4.05713	0.953264	0.11685	1.01685	0.18841	0.627125	-1.48782	0.277726	1.37961	1.37961	0.0077427	0.37714	-2.65154	0.5232356	1.20254	1.20254	0.114021	0.6132543	-1.61254	0.25006	1.40871	1.40871	0.452478	0.803961	-1.24384	5.22581	6.72932	1.14419	1
cg09328420	PLEKHA6	0.0150234	0.0750882	0.3790595	-1.30023	0.690821	0.115645	1.05465	0.619762	1.06879	1.06879	0.967724	0.994633	-1.0054	0.2975817	0.842274	-1.15445	0.2324555	1.14351	1.14351	0.00322166	1.766129	1.76629	0.0170438	0.679317	-1.47239	0.0392619	0.728148	-1.37355	5.17803	1.5498	0.249052	1
cg09085216	PLEKHA6	0.0101714	0.319399	1.11689	1.11689	0.0129757	1.39272	1.39272	0.04130307	1.39231	1.39231	0.17723	0.857203	-1.16659	0.0536141	1.26551	1.26551	0.276918	1.12918	1.12918	0.0201856	1.740086	-1.35119	0.295311	0.8899339	-1.12367	0.9596628	1.00545	1.00545	4.60094	0.8575666	0.162501	1
cg23094674	PLEKHA6	0.0206412	0.120751	0.827568	-1.20836	0.00210424	0.614792	-1.62657	0.131358	0.832597	-1.20106	0.548776	0.934037	-1.07062	0.0178294	1.38256	1.38256	0.0752103	0.800258	-1.2496	0.718905	1.04149	1.04149	0.406397	0.908889	-1.10024	0.459148	1.08847	0.45341	0.932252	0.178094	1
cg23234811	PLEKHA6	0.0272865	0.0139508	0.63766	-1.56823	0.8677407	1.025	1.025	0.4216046	1.13106	1.13106	0.432078	1.12615	1.12615	0.1240655	0.790406	-1.26547	0.618093	1.07732	1.07732	0.0347906	1.7434	1.7434	0.40394	0.888136	-1.1349	0.6694131	0.740945	1.46945	0.309083	1
cg09264489	PLEKHA6	0.0409315	0.125527	1.53493	1.53493	0.147292	1.49465	1.49465	0.751502	0.921177	-1.08557	0.721411	1.09695	1.09695	0.0178371	2.10491	2.10491	0.0256359	1.9841	1.9841	0.0053808	2.57822	2.57822	0.0526394	1.76717	1.76717	0.0635133	1.71467	1.71467	3.65199	3.86324	0.940306	1
cg09072330	PLEKHA7	2.97E-05	0.4613561	-2.16562	-2.16562	0.247776	1.13775	1.12775	8.53E-05	0.495442	-2.0184	0.046579	0.797109	-1.25453	4.91E-06	0.35434	-2.82215	0.0002804	0.553749	-1.80587	0.0015429	0.635599	-1.57312	0.0048817	1.45019	1.45019	0.0133071	0.737002	-1.35685	30.53	4.7869	0.139372	1
cg27267310	PLEKHA7	0.000143384	0.4795228	0.87891	1.07893	0.2186816	1.35128	1.35128	0.00204904	0.63201	-1.58225	0.0045334	0.67072	-1.49031	2.34E-05	0.4096624	-2.44126	0.0041376	0.666267	-1.5009	8.30E-05	0.4973142	-2.11353	0.178074	1.16315	1.16315	0.0170215	1.031412	1.031412	20.0997	3.5508	0.157031	1
cg17009679	PLEKHA7	0.00020065	0.7934497	0.9499	-1.05274	0.9958879	1.00078	1.00078	0.153995	0.794908	-1.25801	0.2007	0.8160666	-1.22539	4.01E-06	0.199714	-5.00715	0.141242	1.26865	1.26865	0.00223024	1.9043	1.9043	0.157689	1.25509	1.25509	0.908074	0.982778	-1.01752	18.355	6.57534	0.318427	1
cg08000989	PLEKHA7	0.00270529	0.741691	1.05202	1.05202	4.74E-05	0.158074	-3.29267	4.79E-05	0.309179	-3.23437	0.842063	0.969875	-1.03104	0.564154	0.914374	-1.09364	0.680531	1.06554	1.06554	0.0204844	1.877	1.877	0.85377	0.9722108	-1.02869	0.55871	1.109491	1.109491	1.06218	6.30033	5.330952	1
cg24722886	PLEKHA7	0.00141824	0.00336769	0.433649	-2.30601	0.02718521	0.72925	1.72925	0.000195968	0.2693	-3.71333	0.0387519	0.6056991	-1.65101	0.00123078	0.3715566	-2.69131	0.603568	1.116	1.116	0.133138	0.730734	-1.407	0.494627	1.15637	1.15637	0.0741778	0.659135	-1.51714	0.164949	7.40234	0.617835	1
cg02722861	PLEKHA7	0.00393565	0.2816374	1.38172	1.38172	0.0268651	0.458304	-1.82196	0.0124756	0.40814	-2.45134	0.0123276	0.40814	-2.45134	0.0123276	0.753664	-1.32685	0.4416556	1.27809	1.27809	0.0172668	1.631394	1.631394	0.1411944	0.7854512	-1.27315	0.0170668	0.7381194	1.111194	0.4132132	0.7808085	0.1482004	0.189774	1
cg02476028	PLEKHA7	0.00961698	0.057285	1.24415	1.24415	0.00977304	1.39358	1.39358	0.0395874	1.2735	1.2735	0.226147	1.13781	1.13781	0.951784	0.9938576	1.00616	0.1238881	1.18444	1.18444	0.00249329	0.6525558	-1.53243	0.0309134	1.29358	1.29358	0.162596	1.16349	1.16349	5.9848	0.9780405	0.145264	1
cg14338590	PLEKHA7	0.0162578	0.302748	0.54176	-1.84584	0.991226	1.00633	1.00633	0.0340118	0.241528	-4.14031	0.0184349	0.191693	-5.16281	0.00301097	0.0968186	-10.3286	0.153204	0.415537	-2.40652	0.00175305	0.0772689	-12.9418	0.39755	0.60816	-1.64431	0.0043931	0.303304	-3.29703	5.04409	26.3354	4.64093	1
cg02946294	PLEKHA7	0.0185935	0.0256423	3.56082	3.56082	0.0418657	3.37557	3.37557	0.04453993	1.93277	3.31277	0.2554559	1.85229	1.85229	0.0867765	0.67968	-1.47148	0.0483724	3.22576	3.22576	0.0023595	8.9967	8.9967	0.0107946	5.27372	5.27372	0.1030368	2.52417	2.52417	4.82215	20.5895	3.79536	1
cg06506768	PLEKHA7	0.0196119	0.0983788	0.686342	-1.457	0.384095	0.830849	-1.20359	0.000790697	0.348888	-2.86625	0.504587	0.8688317	-1.15096	0.0799435	0.668023	-1.49695	0.707518	1.0814	1.0814	0.0442326	1.6159	1.6159	0.950274	0.987134	-1.01303	0.475403	0.8601104	-1.16265	4.73596	3.23388	0.606965	1
cg04211937	PLEKHA7	0.0239464	0.9027304	0.93758	-1.06697	0.8931182	1.22417	1.22417	0.496605	0.8013483	-1.24824	0.1886034	0.5301227	-1.88625	0.0402379	0.5933	-1.68557	0.2549894	0.534516	-1.87085	0.0193857	0.1295513	-7.72129	0.0048817	0.707255	-1.4143	0.0619592	0.102994	-4.84232	0.7882	16.4033	3.90907	1
cg06245989	PLEKHA7	0.0292201	0.112474	0.40629	-2.46129	0.00886201	0.0754727	-13.4143	0.0424122	0.0925731	-3.38146	0.0224401	0.652364	-1.53289	0.0055564	0.2511165	-3.98145	0.211974	0.503921	-1.98444	0.0202	0.495568	-2.07188	0.0372	0.5598383	0.7580808	0.1538205	0.412128	0.1521	-6.57418	17.7514	3.82506	1
cg05701403	PLEKHA7	0.0329965	0.92686	0.971087	-1.02977	0.6296447	0.856186	-1.16797	0.469616	0.790509	-1.26501	0.7726221	0.911577	-1.097	0.588504	0.839843	-1.1907	0.312734	0.716287	-1.39609	0.000875823	0.2020989	-4.92639	0.0926682	0.553629	-1.80626	0.0152269	0.385797	-2.59204	3.9502	6.38824	1.4375	1
cg16243542	PLEKHA7	0.0313964	0.1455043	0.6875	-1.45455	0.2178074	1.23779	-1.32987	4.79E-05	0.309179	-3.23437	0.842063	0.969875	-1.03104	0.564154	0.914374	-1.09364	0.476627	1.18874	1.18874	0.0016455	0.4656643	-2.14777	0.0016	1.13058	1.13058	0.3053951	0.8706948	-1.15228	3.97104	1.45595	0.367622	1
cg14464464	PLEKHA7	0.0382953	0.015016	0.422376	-2.36756	0.0438308	0.175918	1.95019	0.95019	0.062045	1.84832	1.84332	0.13904	0.631885	-1.58257	0.45731	-2.18675	0.203262	0.67897	-1.47282	0.172488	1.51983	1.51983	0.136771	0.629956	-1.58741	0.601875	1.16387	1.16387	3.74252	4.92634	1.17006	1
cg02211805	PLEKHA7	0.0383174	0.1316274	1.34172	1.34172	0.0826861	0.458304	-1.82196	0.0124756	0.40814	-2.45134	0.0123276	0.40814	-2.45134	0.0123276	0.753664	-1.32685	0.4416556	1.27809	1.27809	0.0172668	1.631394	1.631394	0.1411944	0.7854512	-1.27315	0.0170668	0.7381194	1.111194	0.4132132	0.7808085	0.1482004	0.189774	1
cg15034962	PLEKHA8	0.00401198	0.033098	0.472193	-2.11778	0.0026148	0.284997	-3.50881	0.0044674	0.32209	-3.10472	0.498968	0.813255	-1.22963	0.00273103	0.2876829	3.47607	0.0551267	0.519503	-1.92492	0.00103925	0.231641	-4.31703	0.425606	1.27766	1.27766	0.0175351	0.418703	-2.38833	7.84542	11.2704	1.27694	1
cg10982775	PLEKHA8	0.00513817	0.0066578	0.756159	-1.32247	0.501998	1.05558	1.05558	0.424562	0.937316	-1.06688	0.75122	0.9756069	-1.02557	0.818525	0.981922	-1.01841	0.200663	0.898264	-1.11326	0.0150234	0.786797	-1.2678	0.987945	1.0012	1.0012	0.00041431	1.56029	1.56029	7.27773	0.726279	0.0887064	1
cg18449345	PLEKHA8;PLEKHA8	0.00525656	0.316863	1.19349	1.19349	0.0246828	0.445388	-2.24523	0.0126276	0.598348	-1.66979	0.1997817	0.7505414	-1.33254	0.0001775	0.1808182	-5.53007	0.596868	1.08397	1.08397	0.0170805	0.6438585	0.9188167	-1.08889	0.2839094	0.818106	-1.22254	0.3264218	0.7357	0.0045186	0.1	0.0188	0.758327	1
cg02864240	PLEKHA9;MIR1975;RNY5	0.00160851	0.877809	1.01874	1.01874	0.4710166	0.915306	-1.09253	0.0117652	0.684037	-1.46191	0.0217164	1.39451	1.39451	0.532765	0.926583	-1.07923	0.603169	1.06534	1.06534	0.4156	2.56647	2.56647	0.552156	0.929982	-1.07529	0.376224	1.11583	1.11583	10.2707	2.36932	0.205055	1
cg23018181	PLEKHA9;MIR1975;RNY5	0.00509133	0.0200028	0.579564	-1.72538	0.1384305	0.734105	-1.36225	0.0133855	0.350565	-2.85254	0.0218554	0.75704	-1.32094	0.0001227	0.1515417	-6.60195	0.0025682	0.23256	-4.2327	0.01124	0.3194179	-3.1304	0.0016	0.7972	-1.25431	0.0029813	0.1138068	0.0527599	0.407752	-2.45243	13.766	4.67665	1
cg24261333	PLEKHB1;PLEKHB1	0.0258522	0.105126	0.636805	-1.57034	0.0157405	0.12599	-2.12599	0.375222	1.26105	1.26105	0.184675	0.698675	-1.43128	0.38872	0.79841	-1.25249	0.778168	0.930552	-1.07463	0.21278	0.715745	-1.39715	0.00346018	0.275003	2.75003	0.987129	1.04012	1.04012	4.30628	4.43028	0.914409	1
cg18100436	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	1.04E-05	0.000140831	0.358791	-2.78714	4.77E-06	0.195355	-5.11889	4.80E-06	0.195618	-5.11201	0.0372569	0.685782	-1.45819	3.43E-06	0.181686	-5.50399	0.000629869	0.440549	-2.2699	5.15E-05	0.30664	-3.26116	0.1370B7	0.778931	-1.28381	0.000152118	0.362889	-2.75567	40.1154	15.463	0.342634	1
cg16915828	LEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	1.40E-05	5.68E-05	19.5296	19.5296	8.69E-06	46.6038	46.6038	6.63E-06	16.4775	16.4775	0.000282643	10.5817	10.5817	0.443838	1.36397	1.36397	0.018621	3.10866	3.10866	6.68E-06	48.2611	9.81E-05	15.6639	15.6639	37.2001	93.1404	2.22557	1
cg23931323	LEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	0.000136324	0.0734266	1.8349	1.8349	0.000125754	7.63052	7.62052	0.00205731	3.74443	3.74443	0.0111359	2.63179	2.63179	0.433592	1.27505	1.27505	0.87738	1.04807	1.04807	0.000982722	4.43713	4.43713	1.00E-05	17.8496	17.8496	0.000133421	7.49043	7.49043	20.3747	29.8403	1.30184	1
cg09185399	LEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	0.000776841	0.0706726	2.5828	2.5828	0.000537507	12.5468	12.5468	0.0104113	4.5512	4.5512	0.00904487	4.75229	4.75229	0.0939391	2.37543	2.37543	0.161782	2.01744	2.01744	0.000406265	14.0092	14.0092	5.13E-05	35.213	35.213	0.0123383	4.32171	4.32171	12.6361	44.1632	3.10668	1
cg10547005	LEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	0.0075103	0.0185171	2.11601	2.11601	0.000331552	4.57436	4.57436	0.0741742	1.68568	1.68568	0.298297	1.32702	1.32702	0.0725787	1.98126	1.98126	0.68993	1.10198	1.10198	0.834953	1.05628	1.05628	0.00320247	2.87473	2.87473	0.113181	1.57211	1.57211	0.71243	0.70847	0.969553	1
cg27005935	LEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	0.0168191	0.0589521	2.66024	2.66024	0.00329125	6.27817	6.27817	0.00730693	4.88817	4.88817	0.137696	2.08204	2.08204	0.0349167	3.08855	3.08855	0.893831	0.940582	-1.06317	0.00470906	5.60082	5.60082	0.071803	2.51457	2.51457	0.0891733	2.36298	2.36298	4.98729	16.6234	2.96281	1
cg27094173	LEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	0.0231174	0.580071	1.29848	1.29848	0.00114254	9.35031	9.35031	0.00278806	6.86566	6.86566	0.661931	1.2283	1.2283	0.498228	1.37899	1.37899	0.91962	0.95392	-1.04831	0.17144	1.97485	1.97485	0.5065	1.37027	1.37027	0.507056	1.36969	1.36969	4.47699	15.4881	3.0751	1
cg16184346	LEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	0.0302669	0.152574	0.754535	-1.32532	0.6760092	0.68564	-1.45849	0.00216977	0.453412	-2.2055	0.942109	1.01344	1.01344	0.930702	1.01612	1.01612	0.699429	0.931167	-1.07392	0.0356113	1.56771	1.56771	0.696584	1.07469	1.07469	0.408206	1.16825	1.16825	4.07399	2.1803	0.47571	1
cg25288155	LEKHB1;PLEKHB1 PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P	0.00316334	0.0133594	2.26609	2.26609	0.000735051	3.93275	3.93275	0.00344758	2.88716	2.88716	0.99256	1.00249	1.00249	0.845283	1.05354	1.05354	0.0224433	2.0751	2.0751	0.000996907	3.68769	3.68769	0.00461528	2.73528	2.73528	0.088842	1.65038	1.65038	8.42431	9.50769	1.0032	1
cg11512608	LEKHB1;PLEKHB1	0.0155543	0.04165613	2.21336	2.21336	0.04819961	2.14653	2.14653	0.0546211	2.09083	2.09083	0.215096	1.55398	1.55398	0.0237937	2.49109	2.49109	0.0215371	2.54449	2.54449	0.000658021	5.84503	5.84503	0.0368232	2.27146	2.27146	0.100888	1.83649	1.83649	5.1188	9.27852	1.61123	1
cg14952802	PLEKHB1;PLEKHB1	0.00133858	0.01967997	2.98705	2.98705	0.00107288	6.45531	6.45531	0.00154985	5.24048	5.24048	0.0464803	3.30547	3.30547	0.00462867	3.76554	3.76554	0.00255198	2.742721	2.742721	1.34E-05	8.00781	8.00781	0.0078374	3.19734	3.19734	0.02831117	1.186	1.186	0.00165125	0.685393	0.07109358	1
cg02734883	PLEKHB2;PLEKHB2	0.000136798	7.35E-06	0.273676	-3.65395	0.02377796	0.701951	-1.4246	0.0144664	1.48471	1.48471	0.0766928	0.77242	-1.29463	0.00148227	0.54809	-1.82452	0.306856	0.870452	-1.14883	0.124332	1.2439	1.2439	0.264179	0.858436	-1.16491	0.00195474	1.77596	1.77596	20.3557	5.54551	0.24216	1
ch.2.25969659	PLEKHB2;PLEKHB2	0.000576164	0.598347	1.24203	1.24203	0.00169891	0.160765	-6.22027	0.000162099	0.0724394	-13.8046	0.171473	1.81053	1.81053	0.265687	1.60468	1.60468	0.000115455	0.0615069	-15.7463	0.00574085	0.228476	-4.37682	0.128128	0.5113372	-1.95552	0.801206	0.902244	-1.10835	13.7382	36.1735	2.34049	1
cg23975062	PLEKHB2;PLEKHB2	0.0108351	0.135787	0.749403	-1.33435	0.08031249	0.262581	2.605221	0.0146512	0.401858	-2.48925	0.0139555	0.4164	-2.40205	0.0139555	0.7509836	-1.33183	0.2240554	0.619528	-1.61409	0.0150602	0.220921	-4.52621	0.1944433	0.7240402	1.38146	0.0304082	1.83031	1.83031	5.76048	5.11957	0.789992	1
cg12965426	PLEKHB2;PLEKHB2	0.0235883	0.4900947	1.17713	1.17713	0.204744	1.36511	1.36511	0.265055	1.31017	1.31017	0.75734	1.07475	1.07475	0.00493298	0.4205729	-2.37768	0.543013	0.866578	-1.15396	0.00424207	0.4105559	-2.4357	0.251783	1.3211	1.3211	0.614604	1.12534	1.12534	4.44593	3.80922	0.761589	1
cg09776718	PLEKHC1	9.54E-05	0.0009165	0.194844	-5.13529	0.03356362	1.71345	1.71345	0.133166	0.800379	-1.24941	0.000958009	0.1966528	0.0002777	0.000126633	0.4002577	-2.49399	0.6238715	1.14656	1.14656	0.0134945	1.8324	1.8324	0.0078703	0.5453198	1.83352	1.83352	0.0092686	0.6152211	0.6152211	4.62546	2.64193	0.606389	0.261837	1
cg22309568	PLEKHF1	0.00115132	0.121569	1.45549	1.45549	0.00761927	3.12894	3.12894	0.048445	1.65548	1.65548	0.349565	1.24005	1.24005	0.000645503	0.3074419	-3.25289	0.62387	1.885364	1.885364	0.0134389	0.352801	-2.83446	0.419003	1.11686	0.0134389	0.352801	-2.83446	0.419003	1.20251	1.20251	0.0377714	1.24335	1.24335	11.3045	0.95355	0.704028	1
cg11971371	PLEKHF1	0.0122682	0.511862	0.88526	-1.12961	0.9916643	1.00192	1.00192	0.248099	1.24756	1.24756	0.0601931	0.678188	-1.47452	0.0161764	0.640007	-1.56248	0.0446748	0.655568	-1.5254	0.00466252	1.99221	1.99221	0.432536	0.863527	-1.15804	0.0124523	1.76771	1.76771	1.53363	2.94113	0.472445	1
cg26320904	PLEKHF1	0.0309633	0.6505763	1.10336	1.10336	0.3582214	1.12618	1.12618	0.231007	1.17977	1.17977	0.129883	0.86932	-1.1504	0.0974705	0.783708	-1.2025	0.982892	0.995248	-1.00477	0.977753	1.12571	1.12571	0.1307552	0.7109641	-1.40916	0.494814	0.861041	-1.16138	4.04113	2.06525	0.655756	1
cg18317951	PLEKHF2	0.0107552	0.098156	1.39468	1.39468	0.0183583	1.69003	1.69003	0.984605	1.00354	1.00354	0.321862	1.20643	1.20643	0.126573	1.35399	1.35399	0.0171115	1.70393	1.70393	0.0133143	0.633725	-1.57797	0.19561	1.28529	1.28529	0.00112539	2.40064	2.40064	7.57242	3.07524	0.473408	1
cg05606175	PLEKHF2	0.002042	0.0265095	1.55804	1.55804	0.0267021	0.87189	-1.14652	0.2299492	0.636287	-1.57162	0.0248383	0.840383	-1.19006	0.0140983	0.7909836	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03970039	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.00527535	0.330251	0.673173	-1.4855	0.311696	1.51024	1.51024	0.614209	1.22167	1.22167	0.000132534	0.0734713	-13.6107	0.00741725	0.257022	-3.89071
cg21785723	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0283089	0.0149275	0.337558	-2.96246	0.122008	1.83698	1.83698	0.0261325	2.60519	2.60519	0.123562	0.545971	-1.8316	0.710262	0.873374	-1.14498
cg10328583	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0300493	0.199217	0.604982	-1.65294	0.370936	1.40548	1.40548	0.0286528	2.60235	2.60235	0.0819912	2.04209	2.04209	0.0488595	0.43458	-2.30107
cg05128003	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0302529	0.159874	0.743685	-1.34466	0.0632046	0.662305	-1.50988	0.0186865	0.570027	-1.7543	0.219894	0.775399	-1.28966	0.712962	0.929728	-1.07558
cg06965803	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	8.45E-05	0.00253683	2.09478	2.09478	1.03E-05	5.29192	5.29192	0.957442	0.990626	-1.00946	0.00171312	2.20358	2.20358	0.000218987	2.96662	2.96662
cg19900387	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.000215424	0.590705	0.896837	-1.11503	0.932178	0.983075	-1.01722	2.53E-05	0.186968	-5.3485	0.879847	1.0308	1.0308	0.000104352	0.252697	-3.95731
cg10970500	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.000223648	0.0136748	1.201	1.201	0.00193268	1.3015	1.3015	0.0467006	0.872158	-1.14658	0.411861	1.05169	1.05169	0.00118764	0.751653	-1.3304
cg00918541	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.00410061	0.00104528	0.619961	-1.613	0.426338	1.08333	1.08333	0.00380846	1.46893	1.46893	0.180283	0.869175	-1.15052	0.23673	1.12994	1.12994
cg17329304	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.00501535	0.218661	0.882709	-1.13288	0.00174576	1.53776	1.53776	0.004105	1.44958	1.44958	0.0179316	0.757768	-1.31966	0.352795	0.911925	-1.09658
cg05385061	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0065146	0.338656	0.849278	-1.17747	0.00123501	0.457325	-2.18663	0.000770533	0.430234	-2.32432	0.575143	0.910464	-1.09834	0.119198	0.755712	-1.32326
cg25142390	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.00904445	0.00398922	0.346536	-2.88571	0.535649	0.842175	-1.1874	0.00255514	0.31794	-3.14524	0.248243	0.71854	-1.39171	0.00859206	0.399387	-2.50384
cg08091596	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.00944457	0.0238144	0.632674	-1.58059	0.792581	0.956257	-1.04574	0.674212	0.930757	-1.07439	0.00803569	1.77954	1.77954	0.0101806	0.576963	-1.73321
cg06816518	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0112384	0.0491501	1.68884	1.68884	0.00727426	2.24309	2.24309	0.181741	1.39206	1.39206	0.726236	0.921245	-1.08549	0.682423	0.908465	-1.10076
cg01799460	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0139794	0.0027334	0.294051	-3.40078	0.00701717	0.356448	-2.80546	0.0736126	0.554209	-1.80437	0.0588037	0.531742	-1.88061	0.0086412	0.371305	-2.6932
cg12738078	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0196101	0.322593	0.840796	-1.18935	0.478235	0.884829	-1.13016	0.0106981	0.580148	-1.7237	0.3882	0.860629	-1.16194	0.463452	1.13502	1.13502
cg16146806	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0198744	0.0121131	0.35315	-2.83166	0.0482254	0.471759	-2.11973	0.0432408	0.461242	-2.16806	0.254666	0.673132	-1.48559	0.00133727	0.211887	-4.7195
cg27299712	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0226334	0.91954	1.01367	1.01367	0.658923	0.942052	-1.06151	0.108913	1.26484	1.26484	0.346437	1.13916	1.13916	0.03609	0.72067	-1.3876
cg06804846	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0247906	0.0196063	0.397653	-2.51476	0.666054	0.867629	-1.15257	0.140749	0.595627	-1.6789	0.51328	0.805082	-1.24211	0.106524	0.561951	-1.77952
cg16532223	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.0355417	0.0137488	0.145118	-6.89093	0.0396666	4.51509	4.51509	0.687239	0.773779	-1.29236	0.120047	0.343464	-2.91151	0.0449382	0.23263	-4.29868
cg15205204	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5	0.044254	0.00860933	0.160078	-6.24696	0.284706	0.544614	-1.83616	0.851013	0.902288	-1.10829	0.590051	0.742728	-1.34639	0.591798	0.743786	-1.34447
cg12371177	PLEKHG6;PLEKHG6	0.0147961	0.118018	0.793362	-1.26046	0.0362036	1.39399	1.39399	0.0238658	0.692342	-1.44437	0.881051	0.979787	-1.02063	0.486558	1.10121	1.10121
cg03237324	PLEKHG6;PLEKHG6	0.0149995	0.260111	0.77778	-1.28571	0.250008	1.29329	1.29329	0.016721	1.86808	1.86808	0.423453	0.839533	-1.19114	0.020854	0.551581	-1.81297
cg09056845	PLEKHG6;PLEKHG6	0.0258732	0.791201	1.07655	1.07655	0.00197794	3.36992	3.36992	0.899725	1.03566	1.03566	0.641821	1.13908	1.13908	0.350313	0.765495	-1.30634
cg24333145	PLEKHG6;PLEKHG6	0.0451304	0.160474	2.07477	2.07477	0.0243015	3.69458	3.69458	0.0257286	3.63076	3.63076	0.070202	2.67861	2.67861	0.197809	0.515497	-1.93988
cg25273936	PLEKHG6;PLEKHG6;PLEKHG6	8.41E-06	0.265085	1.14455	1.14455	0.0289006	0.741215	-1.34914	0.0300415	0.743302	-1.34535	0.0318156	1.33976	1.33976	2.85E-07	0.172571	-5.79472
cg13232525	PLEKHG6;PLEKHG6;PLEKHG6	0.000936367	0.00031184	0.374968	-2.6669	0.115463	0.750451	-1.33253	0.486334	0.888106	-1.12599	0.653489	0.926995	-1.07875	0.000201501	0.351228	-2.84716
cg27150896	PLEKHG6;PLEKHG6;PLEKHG6	0.00280302	0.0121826	0.715582	-1.39746	0.0168257	0.731627	-1.36682	0.00225089	1.58105	1.58105	0.436962	0.918559	-1.08866	0.631099	1.0532	1.0532
cg23679992	PLEKHG6;PLEKHG6;PLEKHG6	0.0167121	0.125271	0.621971	-1.60779	0.211981	0.686416	-1.45684	0.00328785	0.317826	-3.14637	0.69302	0.89266	-1.12025	0.0557984	0.537863	-1.85921
cg07533239	PLEKHG6;PLEKHG6;PLEKHG6;PLEKHG6	0.0271548	0.47683	0.889588	-1.12412	0.562725	0.909692	-1.09927	0.0117273	0.600944	-1.66405	0.460415	0.885543	-1.12925	0.00254149	0.507918	-1.96882
cg04051396	PLEKHG7	0.000533588	0.023008	0.575503	-1.73761	0.0169447	0.553322	-1.80727	0.219518	1.3	1.3	0.462375	1.16419	1.16419	2.87E-05	0.188255	-5.31195
cg25886621	PLEKHG7	0.011072	0.00423989	0.194735	-5.13519	0.0132429	0.269214	-3.71452	0.633847	1.22765	1.22765	0.733469	1.1573	1.1573	0.00107576	0.126915	-7.87927
cg09290082	PLEKHG7	0.0225465	0.172243	1.36623	1.36623	0.272827	0.782609	-1.27778	0.242584	0.769008	-1.30038	0.83192	1.04671	1.04671	0.00103348	0.352068	-2.84036
cg20829550	PLEKHG7	0.0441384	0.937451	0.957294	-1.04461	0.00120316	0.0715235	-13.9814	0.0406773	0.268693	-3.72172	0.788826	0.861324	-1.161	0.110087	0.379662	-2.63392
cg05916700	PLEKHG7;PLEKHG7	0.000346146	0.000291012	0.46075	-2.17037	0.000562636	0.49592	-2.01645	0.561775	0.925937	-1.07999	0.0568698	0.75376	-1.32668	0.000118453	0.413318	-2.41945
cg14876708	PLEKHH1	0.000102241	0.0509285	1.44105	1.44105	0.000698407	0.427573	-2.33878	0.0152167	0.612732	-1.63203	0.201653	1.24801	1.24801	0.0164738	1.61851	1.61851
cg17316862	PLEKHH1	0.00118241	0.0013671	0.263437	-3.79598	0.000488997	0.208338	-4.7999	0.271105	0.719666	-1.38953	0.306285	1.35543	1.35543	0.00016431	0.158049	-6.32715
cg00740870	PLEKHH1	0.00134272	0.0141877	0.726542	-1.37638	0.0663414	1.24286	1.24286	0.364155	0.906237	-1.10346	0.000900771	0.591846	-1.68963	0.507669	0.931502	-1.07354
cg07571970	PLEKHH1	0.00209866	0.000273306	0.423896	-2.35907	0.0150211	0.650343	-1.53765	0.0228047	0.675598	-1.48017	0.482812	1.10811	1.10811	0.00122139	0.506089	-1.97594
cg06892679	PLEKHH1	0.00240683	0.0629988	0.70668	-1.41507	0.000943096	0.441006	-2.26754	0.0107905	0.587654	-1.70168	0.00782703	0.567453	-1.76226	0.147578	0.772654	-1.29424
cg17489562	PLEKHH1	0.0232711	0.807371	1.03367	1.03367	0.0303679	0.708184	-1.41206	0.125995	0.798959	-1.25163	0.0221834	1.45025	1.45025	0.0238124	1.44151	1.44151
cg21112391	PLEKHH1	0.0362583	0.249243	1.45502	1.45502	0.390219	1.31545	1.31545	0.271385	0.700074	-1.42842	0.0670165	1.8952	1.8952	0.770546	1.09535	1.09535
cg18204200	PLEKHH1	0.0396784	0.743075	1.1648	1.1648	0.0169981	3.85686	3.85686	0.00165786	8.06503	8.06503	0.0490122	2.83589	2.83589	0.480627	1.39447	1.39447
cg21815781	PLEKHH1	0.0401575	0.135266	1.36788	1.36788	0.867703	0.968083	-1.03297	0.421252	0.852265	-1.17334	0.0839383	1.45077	1.45077	0.101903	1.41675	1.41675
cg06187373	PLEKHH1	0.0434117	0.20858	0.783723	-1.27596	0.100845	1.39146	1.39146	0.00186391	2.25121	2.25121	0.683408	1.07829	1.07829	0.155961	1.32186	1.32186
cg17594334	PLEKHH1	0.045092	0.260516	1.16232	1.16232	0.0953766	1.26469	1.26469	0.155412	1.21512	1.21512	0.00210271	1.74092	1.74092	0.0168377	1.45325	1.45325
cg04520370	PLEKHH2	6.79E-05	0.0232366	0.642266	-1.55699	0.455214	1.13217	1.13217	0.00696765	0.565693	-1.76774	0.343889	0.852885	-1.17249	2.67E-05	0.258181	-3.87325
cg22475025	PLEKHH2	7.07E-05	0.172195	0.900376	-1.11065	0.622436	0.964791	-1.03649	0.0323051	1.19844	1.19844	0.148992	0.894253	-1.11825	2.16E-05	0.53963	-1.85312
cg06227171	PLEKHH2	0.00719851	0.000168957	0.104546	-9.56521	0.719788	0.88063	-1.13555	?	?	?	0.294816	0.681546	-1.46725	0.347882	1.40642	1.40642
cg00820919	PLEKHH2	0.00850676	0.132973	0.713873	-1.40081	0.0901415	0.678182	-1.47453	0.0155346	0.539513	-1.85352	0.00916484	1.98989	1.98989	0.00516149	0.464006	-2.15514
cg16984812	PLEKHH2	0.0117615	0.999588	1.00004	1.00004	0.0910131	0.860576	-1.16201	0.00110606	0.67855	-1.47373	0.761654	0.975762	-1.02484	0.36571	0.927782	-1.07784
cg20563666	PLEKHH2;LOC728819	0.0059882	0.300266	0.550969	-1.81498	0.00028839	0.0374412	-26.7085	0.0211625	0.214567	-4.66054	0.300081	0.550835	-1.81543	0.0418292	0.271805	-3.67911
cg17110364	PLEKHH2;LOC728819	0.00879824	0.0418619	0.218218	-4.58258	0.000893642	0.0396136	-25.2439	0.0424531	0.219455	-4.55675	0.296961	0.495676	-2.01745	0.033846	0.200275	-4.99313
cg09325404	PLEKHH2;LOC728819	0.0108563	0.124959	0.462948	-2.16007	0.00114933	0.10907	-9.16839	0.00956884	0.218406	-4.57863	0.125138	0.463145	-2.15915	0.083868	0.411875	-2.42792
cg02111748	PLEKHH2;LOC728819	0.0169393	0.649848	1.17986	1.17986	0.462391	0.76282	-1.31093	0.341531	0.701397	-1.42573	0.10298	0.524379	-1.90702	0.0646255	0.471825	-2.11943
cg11267669	PLEKHH2;LOC728819	0.0218241	0.173042	0.590563	-1.6933	0.0239443	0.37584	-2.6607	0.0141445	0.332915	-3.00377	0.357576	0.709153	-1.41013	0.046747	0.43733	-2.2866
cg14230606	PLEKHH2;LOC728819	0.0223918	0.0571865	0.369235	-2.7083	0.0111512	0.229223	-4.36256	0.130053	0.468975	-2.13231	0.16411	0.502846	-1.98868	0.0460022	0.346837	-2.8832
cg09132607	PLEKHH2;LOC728819	0.0461991	0.308615	0.615417	-1.62491	0.0131594	0.242622	-4.12164	0.204239	0.539438	-1.85378	0.246807	0.572403	-1.74702	0.0674095	0.389022	-2.57055
cg24375399	PLEKHH3	0.000454849	0.154169	0.781622	-1.27939	0.0296091	1.51232	1.51232	0.0607872	1.40692	1.40692	0.0223593	0.642701	-1.55593	0.000429545	0.406578	-2.45955
cg06406300	PLEKHH3	0.00153897	?	?	?	0.194941	1.19261	1.19261	?	?	?	?	?	?	0.427609	0.907608	-1.1018
cg07968906	PLEKHH3	0.00392969	0.432808	0.918569	-1.08865	0.0215357	0.746071	-1.34035	0.00107068	0.59879	-1.67004	0.0426996	0.780702	-1.2809	0.981736	0.997574	-1.00243
cg03978242	PLEKHH3	0.0202438	0.0245133	3.06616	3.06616	0.521871	1.31189	1.31189	0.132466	1.97175	1.97175	0.604119	1.24451	1.24451	0.00385116	5.09704	5.09704
cg15739389	PLEKHH3	0.0220911	0.0931941	1.29309	1.29309	0.958362	0.99276	-1.00729	0.0345505	1.40924	1.40924	0.0801662	0.763242	-1.3102	0.765154	0.959162	-1.04258
cg05724268	PLEKHH3	0.0262808	0.0131335	0.629997	-1.58731	0.0217972	1.51226	1.51226	0.0662165	1.36282	1.36282	0.775605	1.04387	1.04387	0.0944913	1.31803	1.31803
cg06654691	PLEKHH3	0.0275173	0.262011	0.58722	-1.70294	0.781231	0.880982	-1.1351	0.176554	1.92306	1.92306	0.0700207	0.397716	-2.51436	0.0195345	0.276765	-3.61317
cg24881289	PLEKHH3	0.0393299	0.0925551	2.11172	2.11172	0.00358381	4.91827	4.91827	0.130348	1.93434	1.93434	0.339699	1.48791	1.48791	0.0945901	2.10009	2.10009
cg19987356	PLEKHH3	0.0481672	0.23863	1.57692	1.57692	0.0319487	0.39551	-2.52838	0.297224	1.49006	1.49006	0.216996	1.61505	1.61505	0.00503056	0.254287	-3.93256
cg14066773	PLEKHJ1;MIR1227	0.0438667	0.349195	0.759667	-1.31637	0.0193426	0.446304	-2.24063	0.19472	0.676212	-1.47883	0.00956931	0.392268	-2.54927	0.122039	0.620007	-1.61289
cg13333405	PLEKHJ1;SF3A2	0.00947686	0.0476384	0.623118	-1.60483	0.931948	1.018	1.018	0.0448747	1.61732	1.61732	0.00440977	0.452166	-2.21158	0.124538	0.706605	-1.41522
cg13599411	PLEKHJ1;SF3A2	0.0428279	0.533891	0.888508	-1.12548	0.702872	0.930616	-1.07456	0.0196622	0.589337	-1.69682	0.459498	0.868223	-1.15178	0.0181034	0.583581	-1.71356
cg19398748	PLEKHM1;PLEKHM1;PLEKHM1	0.0288463	0.978413	1.00287	1.00287	0.0739228	1.23532	1.23532	0.149175	0.848649	-1.17834	0.370644	1.10245	1.10245	0.698992	1.04209	1.04209
cg05158692	PLEKHM1;PLEKHM1;PLEKHM1	0.036541	0.76662	1.04062	1.04062	0.00382604	1.68477	1.68477	0.347574	1.13813	1.13813	0.491553	0.91077	-1.09797	0.352209	0.879785	-1.13664
cg18645688	PLEKHM1;PLEKHM1;PLEKHM1;PLEKHM1	0.000291639	0.93703	0.985872	-1.01433	0.769282	0.948411	-1.05439	0.162081	1.30843	1.30843	6.05E-06	0.160996	-6.21135	0.476348	0.877733	-1.1393
cg27534772	PLEKHM2	0.00141458	0.671669	1.07067	1.07067	0.749936	1.05255	1.05255	0.794908	1.0426	1.0426	0.000231666	0.375819	-2.66085	0.00450778	0.545367	-1.83363
cg26228591	PLEKHM2	0.00181287	0.490897	0.902953	-1.10748	0.538959	0.913244	-1.095	0.481381	1.11006	1.11006	0.0001167	0.373504	-2.67735	0.159158	0.802901	-1.24548
cg01555432	PLEKHM2	0.0175372	0.0755243	0.694778	-1.43931	0.0058273	0.514487	-1.94368	0.970053	0.993114	-1.00693	0.558827	0.896899	-1.11495	0.0667454	0.684995	-1.45987
cg23112360	PLEKHM2	0.0365867	0.0224066	0.591134	-1.69166	0.0406794	1.5748	1.5748	0.139193	0.736495	-1.35778	0.186004	0.763797	-1.30925	0.442872	0.860406	-1.16224
cg15135166	PLEKHM2	0.038156	0.121943	0.69378	-1.44138	0.546987	1.14216	1.14216	0.0225481	0.551158	-1.81436	0.221499	1.32345	1.32345	0.0391662	0.594225	-1.68286
cg24508996	PLEKHM2	0.0398521	0.957579	0.990563	-1.00953	0.010846	0.565381	-1.76872	0.0236703	0.617869	-1.61846	0.478306	0.879422	-1.13711	0.262577	0.812038	-1.23147
cg13007502	PLEKHM3	0.000103415	0.0150919	0.617968	-1.61821	1.52E-06	0.140828	-7.10087	0.973772	1.00531	1.00531	0.898082	0.979558	-1.02087	0.505891	1.11493	1.11493
cg08791424	PLEKHM3	0.000208021	0.669069	1.10343	1.10343	1.18E-05	0.119667	-8.35653	0.591539	0.883386	-1.13201	0.873395	1.03718	1.03718	0.108477	0.669798	-1.49299
cg05391892	PLEKHM3	0.00223565	0.412414	0.776606	-1.28765	0.000810575	0.217845	-4.59041	0.0414212	0.491867	-2.03307	0.194731	0.661124	-1.51258	0.00776185	0.356503	-2.80503
cg10157926	PLEKHM3	0.00254228	0.0259073	0.557473	-1.79381	0.0135925	0.509318	-1.96341	0.0333942	0.577353	-1.73204	0.390861	0.823437	-1.21442	0.000694573	0.318692	-3.13783
cg09950920	PLEKHM3	0.00254928	0.0148843	0.66725	-1.49869	0.0497203	0.739053	-1.35308	0.0160442	0.671584	-1.48902	0.10473	0.787007	-1.27064	0.310491	1.15229	1.15229
cg25498258	PLEKHM3	0.00295632	0.00506552	0.557119	-1.79495	0.924938	0.985234	-1.01499	0.000176443	0.366474	-2.7287	0.396139	0.871821	-1.14703	0.0218896	0.647803	-1.54368
cg09368486	PLEKHM3	0.00423254	0.242943	0.764561	-1.30794	0.000561274	3.23861	3.23861	0.225119	0.755856	-1.323	0.51612	1.15563	1.15563	0.423127	0.835482	-1.19691
cg19154323	PLEKHM3	0.00761075	0.651087	1.11636	1.11636	0.535803	1.16368	1.16368	0.369939	0.80043	-1.24933	0.136944	0.678865	-1.47305	0.40618	1.22808	1.22808
cg05415980	PLEKHM3	0.00800446	0.0413358	0.61426	-1.62798	0.624399	0.902854	-1.1076	0.0560054	1.56561	1.56561	0.0366363	1.65347	1.65347	0.997064	1.00076	1.00076
cg00903438	PLEKHM3	0.00987269	0.720097	0.906894	-1.10266	0.939439	1.02085	1.02085	0.588835	0.862241	-1.15977	0.959343	0.986249	-1.01394	0.000261959	0.195966	-5.10292
cg06732666	PLEKHM3	0.0112	0.647116	0.871748	-1.14712	0.00269017	0.290799	-3.4388	0.201359	0.669106	-1.49453	0.148285	0.630159	-1.5869	0.140931	0.624016	-1.60252
cg18644787	PLEKHM3	0.0143202	0.114055	0.761783	-1.31271	0.051347	1.42071	1.42071	0.409912	0.875125	-1.14269	0.435861	1.13409	1.13409	0.0279672	0.662989	-1.50832
cg22329743	PLEKHM3	0.0199498	0.291811	1.25522	1.25522	0.0231894	0.568901	-1.75777	0.0718715	0.658625	-1.51831	0.956083	0.98862	-1.01151	0.346667	1.22311	1.22311
cg25029529	PLEKHM3	0.032878	0.337138	0.795314	-1.25736	0.0243266	0.537321	-1.86108	0.216156	0.739911	-1.35151	0.458485	0.839706	-1.19089	0.0568545	0.607263	-1.64673
cg10323457	PLEKHM3;PLEKHM3	0.0368492	0.546602	0.913529	-1.09466	0.81835	1.03469	1.03469	0.985119	1.00277	1.00277	0.524125	0.90874	-1.10042	0.0352342	0.695193	-1.43845
cg03041482	PLEKHN1;KLHL17;PLEKHN1	0.00231236	0.0143921	0.752886	-1.32822	0.0248646	1.28563	1.28563	0.00969588	0.734992	-1.36056	0.141914	1.16018	1.16018	0.74875	1.0307	1.0307
cg15648958	PLEKHN1;KLHL17;PLEKHN1	0.0052265	0.433005	1.1126	1.1126	0.896688	1.01748	1.01748	0.223641	1.1859	1.1859	0.0698376	0.763109	-1.31043	0.00389764	0.595564	-1.67908
cg26679367	PLEKHN1;PLEKHN1	1.07E-05	1.74E-05	0.213883	-4.67545	3.55E-06	0.14836	-6.74038	0.000278835	0.352679	-2.83544	0.0289331	0.636698	-1.5706	0.000367821	0.367907	-2.71808
cg04865998	PLEKHN1;PLEKHN1	5.68E-05	0.0238633	0.557106	-1.79499	0.000162016	0.247333	-4.04313	0.00201684	0.388598	-2.57335	0.076907	1.5324	1.5324	0.0013906	0.365945	-2.73265
cg23596291	PLEKHN1;PLEKHN1	6.20E-05	0.00232152	0.240845	-4.15206	6.19E-05	0.0844575	-11.8403	0.00733155	0.314467	-3.17998	0.0139035	0.36167	-2.76495	0.000215301	0.126542	-7.90253
cg22381068	PLEKHN1;PLEKHN1	0.00430223	0.0168846	0.420536	-2.37792	0.00645456	2.86508	2.86508	0.164049	1.55473	1.55473	0.457148	0.798486	-1.25237	0.261345	0.706016	-1.4164
cg22481263	PLEKHN1;PLEKHN1	0.00803434	0.216667	1.51525	1.51525	0.0550998	0.498962	-2.00416	0.526019	1.22802	1.22802	0.46293	1.2698	1.2698	0.21131	0.656399	-1.52346
cg06818851	PLEKHN1;PLEKHN1	0.00916108	0.0949494	0.332185	-3.01037	0.00655329	0.119908	-8.33972	0.105252	0.345413	-2.89509	0.101462	0.340637	-2.93568	0.00266991	0.0825614	-12.1122
cg16352072	PLEKHN1;PLEKHN1	0.00938504	0.120096	0.561974	-1.77944	0.792371	0.913781	-1.09435	0.0280053	2.42825	2.42825	0.395687	1.3462	1.3462	0.42833	1.31833	1.31833
cg23956473	PLEKHN1;PLEKHN1	0.0243308	0.820405	1.05056	1.05056	0.014499	0.520338	-1.92183	0.0433101	0.604039	-1.65552	0.99431	1.00155	1.00155	0.0652111	0.638284	-1.5667
cg07195057	PLEKHN1;PLEKHN1	0.0405226	0.00632646	0.167234	-5.97964	0.0244274	0.259554	-3.85276	0.297221	0.580649	-1.72221	0.253887	0.549178	-1.8209	0.0598043	0.343585	-2.91049
cg18288576	PLEKHO1	0.00570419	0.0268092	0.593472	-1.685	0.633177	0.90879	-1.10036	0.413653	0.846848	-1.18085	0.0309538	1.65516	1.65516	0.000206455	0.290483	-3.44254
cg14262570	PLEKHO2	0.00156457	0.881126	0.989905	-1.0102	0.03975	0.851112	-1.17493	0.0125455	0.81015	-1.23434	0.130559	0.895197	-1.11707	0.00136314	1.37049	1.37049
cg12027358	PLEKHO2	0.00559792	0.378251	1.14041	1.14041	0.0704421	1.3416	1.3416	0.340081	0.866845	-1.15361	0.0280771	0.685897	-1.45794	0.00173646	0.522489	-1.91392
cg26157579	PLEKHO2	0.010133	0.02835	0.355263	-2.81481	0.210539	0.590041	-1.6948	0.695844	0.854621	-1.17011	0.229635	0.604091	-1.65538	0.000486018	0.112304	-8.90441
cg09200308	PLEKHO2	0.0108196	0.00842641	0.59215	-1.68876	0.232828	0.822963	-1.21512	0.00855577	0.593077	-1.68612	0.0551883	0.712808	-1.4029	0.0161846	1.58113	1.58113
cg04181478	PLG;PLG	0.0002205	0.113703	1.33665	1.33665	0.308388	0.837148	-1.19453	0.0160915	0.608601	-1.64311	9.83E-06	0.201416	-4.96486	0.0114574	0.586609	-1.70471
cg08531365	PLG;PLG;PLG;PLG	0.020881	0.890293	0.977486	-1.02303	0.20514	1.24679	1.24679	0.000632658	0.420476	-2.37826	0.452271	1.13468	1.13468	0.0766602	1.38389	1.38389
cg21777602	PLGLB1;PLGLB2	0.0390066	0.57346	0.916235	-1.09142	0.00840013	1.67825	1.67825	0.914996	1.01656	1.01656	0.13047	0.777887	-1.28553	0.611376	0.92422	-1.08199
cg08083435	PLGLB1;PLGLB2	0.0415299	0.326779	0.876783	-1.14053	0.145699	0.816364	-1.22494	0.260482	0.858607	-1.16468	0.134646	0.810986	-1.23307	0.00448646	0.611324	-1.63579
cg20927724	PLIN1;PLIN1	0.000166747	0.000649206	1.42829	1.42829	0.156373	1.10888	1.10888	0.121418	0.891849	-1.12127	0.00266747	1.32727	1.32727	0.00645722	0.785528	-1.27303
cg23205660	PLIN1;PLIN1	0.00348001	0.00104763	0.210521	-4.75012	0.0575384	0.501556	-1.99379	0.00349431	0.279987	-3.57159	0.405119	0.760595	-1.31476	0.000205766	0.135657	-7.37153
cg11526413	PLIN1;PLIN1	0.0256325	0.225164	0.534678	-1.87028	0.826308	1.11406	1.11406	0.526718	1.37058	1.37058	0.210143	0.522538	-1.91373	0.000498892	0.0687833	-14.5384
cg08749443	PLIN1;PLIN1	0.0348081	0.0136249	0.332737	-3.00538	0.388118	0.72692	-1.37567	0.441639	1.32697	1.32697	0.116816	0.540991	-1.84846	0.00139434	0.188288	-5.311
cg01035422	PLIN1;PLIN1;PLIN1;PLIN1	0.0365914	0.385037	1.22667	1.22667	0.00635769	2.25881	2.25881	0.662979	1.10583	1.10583	0.276879	1.29621	1.29621	0.242984	0.755569	-1.32351
cg06797533	PLIN2	0.000926034	0.175342	0.636129	-1.57201	0.271324	1.43253	1.43253	0.000278927	6.46234	6.46234	0.305706	0.716855	-1.39498	0.781674	1.09111	1.09111
cg14334810	PLIN2	0.00547062	0.616624	0.896593	-1.11533	0.181943	0.736105	-1.3585	0.00287836	0.4121	-2.4266	0.629691	1.11078	1.11078	0.333304	0.80589	-1.24086

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03970039	0.117157	0.51149	-1.95507	0.832229	0.919832	-1.08715	0.382058	0.702488	-1.42351	0.483631	1.32368	1.32368	7.21929	17.7411	2.18441	1
cg21785723	0.422597	0.742903	-1.34607	0.0296008	0.394859	-2.53255	0.887848	1.05253	1.05253	0.0505889	0.445625	-2.24404	4.17162	8.697	1.85316	1
cg10328583	0.224047	1.60515	1.60515	0.0195257	0.35144	-2.84543	0.0943126	0.505898	-1.97668	0.655044	0.846537	-1.18128	4.08445	8.87928	1.93238	1
cg05128003	0.116387	0.714301	-1.39997	0.00203572	0.424149	-2.35766	0.0109537	0.5328	-1.87688	0.183891	0.7573	-1.32048	4.07466	2.50943	0.547434	1
cg06965803	0.286139	1.21592	1.21592	0.000429188	2.6739	2.6739	7.13E-05	3.589	3.589	0.000305664	2.81525	2.81525	23.1593	11.4252	0.438518	1
cg19900387	0.000662904	0.351543	-2.8446	0.122965	1.39813	1.39813	0.00185482	0.41232	-2.4253	0.665076	1.09128	1.09128	18.0045	11.4682	0.566187	1
cg10970500	0.0607831	1.13536	1.13536	1.64E-05	1.70325	1.70325	0.0141294	1.19949	1.19949	0.43973	1.04847	1.04847	17.8222	1.0182	0.050783	1
cg00918541	0.0211035	0.760866	-1.31429	0.0430049	0.794957	-1.25793	0.0641239	0.814638	-1.22754	0.0774603	0.824149	-1.21337	7.79387	1.19862	0.136703	1
cg17329304	0.851279	1.01826	1.01826	0.015785	0.751863	-1.33003	0.391515	0.918827	-1.08834	0.403462	0.920866	-1.08593	7.33173	1.07974	0.130906	1
cg05385061	0.00727902	0.563625	-1.77423	0.869338	0.973099	-1.02765	0.117156	0.754335	-1.32567	0.0115861	0.592841	-1.68679	6.76466	2.93949	0.386255	1
cg25142390	0.00666604	0.381373	-2.6221	0.0392691	0.520412	-1.92156	0.00691536	0.383946	-2.60454	0.0524245	0.546623	-1.82941	6.10282	7.24794	1.05568	1
cg08091596	0.0433773	0.674145	-1.48336	0.0353488	1.51574	1.51574	0.371663	1.16845	1.16845	0.0728376	1.40442	1.40442	6.0194	2.7461	0.405518	1
cg06816518	0.34182	1.25679	1.25679	0.000362658	3.79589	3.79589	0.0984946	1.52625	1.52625	0.560634	1.14718	1.14718	5.69302	4.90977	0.766594	1
cg01799460	0.515855	0.822867	-1.21526	0.0147173	0.411282	-2.43142	0.586291	1.17658	1.17658	0.0571661	0.528987	-1.8904	5.30246	7.35408	1.23282	1
cg12738078	0.000746284	0.419577	-2.38336	0.0400914	0.668579	-1.49571	0.979231	1.00443	1.00443	0.21747	0.802357	-1.24633	4.7361	2.16048	0.405487	1
cg16146806	0.486609	0.790376	-1.26522	0.0773392	0.520226	-1.92224	0.0225924	0.403049	-2.48109	0.033315	0.437008	-2.28829	4.71465	8.26986	1.55918	1
cg27299712	0.546596	1.08544	1.08544	0.0020686	0.558274	-1.79124	0.0529837	1.34382	1.34382	0.643757	1.06458	1.06458	4.50974	1.28984	0.254233	1
cg06804846	0.0128858	0.364308	-2.74493	0.0195196	0.397288	-2.51706	0.00314028	0.267032	-3.74487	0.0238458	0.414024	-2.41532	4.36999	7.40164	1.50555	1
cg16532223	0.0573426	0.256049	-3.9055	0.0727279	0.281214	-3.55602	0.0915584	0.308109	-3.24561	0.108056	0.329211	-3.03757	3.84567	24.4571	5.653	1
cg15205204	0.542205	0.713643	-1.40126	0.00234561	0.0980788	-10.1959	0.337653	0.582443	-1.71691	0.0463469	0.287088	-3.48325	3.54763	16.8013	4.2097	1
cg12371177	0.500322	0.910921	-1.09779	0.00200511	1.81243	1.81243	0.0903609	0.775303	-1.28982	0.852409	0.974921	-1.02572	5.20418	1.53295	0.261832	1
cg03237324	0.419738	1.19289	1.19289	0.310626	1.25163	1.25163	0.0149972	1.89603	1.89603	0.00687671	2.11421	2.11421	5.18076	3.75566	0.644378	1
cg09056845	0.351283	1.3056	1.3056	0.441157	1.24401	1.24401	0.0215815	2.15336	2.15336	0.00809403	2.56677	2.56677	4.30542	5.26899	1.08783	1
cg24333145	0.0680941	2.70349	2.70349	0.304581	1.67793	1.67793	0.0292325	3.49227	3.49227	0.0349187	3.30885	3.30885	3.52171	13.2169	3.33599	1
cg25273936	0.564743	1.07001	1.07001	4.48E-06	0.293179	-3.41089	0.231433	0.864234	-1.15709	0.00286303	0.620654	-1.6112	42.4346	9.08189	0.190241	1
cg13232525	0.0229718	1.57824	1.57824	0.787469	1.04638	1.04638	0.0192983	1.60762	1.60762	0.0289189	0.649142	-1.54049	11.9877	5.34329	0.396206	1
cg27150896	0.304939	1.12054	1.12054	0.000976951	1.69113	1.69113	0.845334	0.979295	-1.02114	0.0366572	1.29705	1.29705	8.73219	1.58715	0.161563	1
cg23679992	0.902631	1.03565	1.03565	0.00133647	0.263283	-3.79819	0.0535571	0.533958	-1.87281	0.0459384	0.519595	-1.92458	4.99794	6.48323	1.15305	1
cg07533239	0.419349	0.875066	-1.14277	0.0698156	1.38809	1.38809	0.471438	1.12579	1.12579	0.137502	0.772054	-1.29525	4.23316	1.75388	0.368283	1
cg04051396	0.40103	0.839737	-1.19085	0.00124336	2.60837	2.60837	0.337572	1.22249	1.22249	0.562849	0.88792	-1.12623	14.0348	9.17815	0.581293	1
cg25886621	0.940641	0.96867	-1.03234	0.899854	1.05529	1.05529	0.996775	1.00173	1.00173	0.0433343	0.370355	-2.70011	5.72048	16.5517	2.57193	1
cg09290082	0.326749	0.804569	-1.2429	0.223874	0.759997	-1.31579	0.556716	0.880147	-1.13617	0.0106303	0.501614	-1.99356	4.51571	3.29903	0.649393	1
cg20829550	0.977446	1.01584	1.01584	0.149041	0.422946	-2.36437	0.244123	0.507808	-1.96925	0.906502	0.936749	-1.06752	3.5511	17.3926	4.35361	1
cg05916700	0.00548568	0.619424	-1.6144	0.00584125	1.60543	1.60543	0.894111	1.01762	1.01762	0.00628873	0.626962	-1.59499	15.8173	4.31006	0.242214	1
cg14876708	3.65E-06	0.16832	-5.94107	0.358316	1.1679	1.1679	0.0217913	0.636103	-1.57207	0.44761	1.13562	1.13562	22.0097	9.41146	0.380094	1
cg17316862	0.0110408	0.400414	-2.49742	0.229511	0.696264	-1.43624	0.264326	1.39662	1.39662	0.094182	0.589583	-1.69611	11.219	14.6481	1.16058	1
cg00740870	0.00486687	1.48308	1.48308	0.00255633	1.55543	1.55543	0.131647	1.18746	1.18746	0.0152373	0.730055	-1.36976	10.8184	1.90979	0.156917	1
cg07571970	0.79693	1.03781	1.03781	0.588366	0.924366	-1.08182	0.205504	1.21196	1.21196	0.00459422	0.581008	-1.72115	9.50744	3.11937	0.291642	1
cg06892679	0.532637	0.900404	-1.11061	0.0374181	1.49317	1.49317	0.01327	1.66431	1.66431	0.00856315	0.573076	-1.74497	9.13347	3.9859	0.387916	1
cg17489562	0.0378235	1.38612	1.38612	0.0402184	1.37897	1.37897	0.88417	1.01996	1.01996	0.556781	0.922588	-1.08391	4.46677	1.30022	0.258744	1
cg21112391	0.177414	1.56266	1.56266	0.00156845	4.11464	4.11464	0.0361082	2.13613	2.13613	0.158156	1.59977	1.59977	3.8179	5.86386	1.36523	1
cg18204200	0.10511	2.27348	2.27348	0.868888	1.07963	1.07963	0.156037	2.02152	2.02152	0.324697	1.60271	1.60271	3.6941	12.585	3.02825	1
cg21815781	0.0122474	0.5449	-1.8352	0.432774	1.16854	1.16854	0.413156	0.849774	-1.17678	0.0269262	0.600591	-1.66503	3.67781	2.2051	0.53295	1
cg06187373	0.438099	0.864677	-1.1565	0.49782	1.13487	1.13487	0.42287	1.1624	1.1624	0.359643	0.841019	-1.18903	3.57315	1.91246	0.475759	1
cg17594334	0.0509197	1.32978	1.32978	0.367475	1.12598	1.12598	0.892305	1.01751	1.01751	0.280878	1.15449	1.15449	3.52283	0.91653	0.231261	1
cg04520370	0.010162	0.589154	-1.69735	5.26E-06	0.18527	-5.39752	0.0129487	1.65439	1.65439	0.206832	1.24269	1.24269	24.5434	10.3541	0.374995	1
cg22475025	0.0869193	0.872378	-1.14629	9.84E-06	0.503453	-1.98628	0.0600961	0.85799	-1.16551	0.00142164	1.39568	1.39568	24.2871	2.00619	0.0734247	1
cg06227171	0.158667	1.70177	1.70177	0.76387	1.11217	1.11217	0.956816	0.981073	-1.01929	0.390329	1.36425	1.36425	6.69356	11.7336	1.75296	1
cg00820919	0.388474	0.832124	-1.20174	0.726659	1.0757	1.0757	0.021096	1.78018	1.78018	0.33916	0.814772	-1.22734	6.22245	4.2606	0.608634	1
cg16984812	0.59084	0.95717	-1.04475	0.00536068	1.34418	1.34418	0.115286	0.871009	-1.14809	0.190655	0.894249	-1.11826	5.60989	0.577999	0.091584	1
cg20563666	0.0854299	0.347899	-2.8744	0.00529789	0.129918	-7.69718	0.0114848	0.172746	-5.78884	0.0106439	0.168073	-5.94978	6.94338	33.91	4.34115	1
cg17110364	0.194277	0.410123	-2.43829	0.00376298	0.0790083	-12.6569	0.0046365	0.0867697	-11.5248	0.0267603	0.18209	-5.4918	6.15647	41.0752	5.93055	1
cg09325404	0.0721021	0.394221	-2.53665	0.00443559	0.171949	-5.81567	0.0174425	0.261328	-3.82661	0.015422	0.251995	-3.96834	5.75684	19.6046	3.02706	1
cg02111748	0.161796	0.582371	-1.71712	0.00250784	0.218884	-4.56863	0.00210003	0.208928	-4.78634	0.0191713	0.358566	-2.78889	4.97543	10.32	1.84373	1
cg11267669	0.13808	0.55988	-1.7861	0.00620814	0.273602	-3.65495	0.0045164	0.252925	-3.95375	0.020844	0.36411	-2.74642	4.56649	9.54324	1.85764	1
cg14230606	0.0643259	0.381956	-2.6181	0.00514505	0.180682	-5.53458	0.00721088	0.20074	-4.98158	0.0152791	0.251791	-3.97154	4.52642	15.3709	3.01851	1
cg09132607	0.469459	0.712457	-1.40359	0.00347528	0.160862	-6.21653	0.0511553	0.359466	-2.7819	0.0465084	0.349806	-2.85873	3.49092	11.7341	2.98784	1
cg24375399	0.177713	1.2603	1.2603	0.0282516	0.658113	-1.5195	9.80E-05	3.0581	3.0581	0.0929934	1.34784	1.34784	14.6702	6.06131	0.367264	1
cg06406300	0.122266	1.25398	1.25398	?	?	?	0.000331118	0.137193	-7.28898	?	?	?	102.591	7.66804	0.0560581	1
cg07968906	0.567022	1.06332	1.06332	0.00138929	1.63506	1.63506	0.831282	1.0229	1.0229	0.0681937	0.805177	-1.24196	7.89456	1.40778	0.158509	1
cg03978242	0.0143343	3.53474	3.53474	0.0610235	2.41797	2.41797	0.00291541	5.53186	5.53186	0.301387	1.56484	1.56484	4.68523	12.9771	2.46203	1
cg15739389	0.00766175	0.620617	-1.6113	?	?	?	0.033486	1.41306	1.41306	0.67896	1.05964	1.05964	4.62866	1.2623	0.272714	1
cg05724268	0.429913	0.885991	-1.12868	0.495405	0.901227	-1.1096	0.291501	1.17873	1.17873	0.0212529	1.51588	1.51588	4.28197	1.53064	0.317744	1
cg06654691	0.425801	0.690626	-1.44796	0.0012072	0.11558	-8.652	0.705941	0.84153	-1.18831	0.696967	0.836839	-1.19497	4.21349	13.8252	2.91661	1
cg24881289	0.0608188	2.34768	2.34768	0.0134958	3.43793	3.43793	0.0205647	3.08504	3.08504	0.183002	1.7693	1.7693	3.7061	9.57167	2.29572	1
cg19987356	0.862006	0.937813	-1.06631	0.713398	0.872722	-1.14584	0.241713	1.57179	1.57179	0.544752	0.79755	-1.25384	3.43645	7.41208	1.91725	1
cg14066773	0.834512	1.06149	1.06149	0.80193	0.930818	-1.07432	0.241971	0.705177	-1.41808	0.00504426	0.347224	-2.87999	3.55929	4.58599	1.14529	1
cg13333405	0.00958983	0.504159	-1.9835	0.166026	0.734582	-1.36132	0.398811	1.19769	1.19769	0.0270378	1.72749	1.72749	6.01286	4.15294	0.613934	1
cg13599411	0.0124063	0.557702	-1.79307	0.732697	1.06644	1.06644	0.445601	1.15707	1.15707	0.114516	1.37997	1.37997	3.5912	2.00228	0.495602	1
cg19398748	0.0723331	1.23709	1.23709	0.0880641	1.22104	1.22104	0.0588162	1.25411	1.25411	0.00159909	1.61671	1.61671	4.14401	0.738766	0.158465	1
cg05158692	0.526153	0.917658	-1.08973	0.0121704	0.658352	-1.51895	0.579873	0.927924	-1.07767	0.369188	1.13132	1.13132	3.80713	1.07918	0.251966	1
cg18645688	0.636843	1.08942	1.08942	0.0005534	0.380853	-2.62569	0.0917093	0.715775	-1.39709	0.291383	1.21794	1.21794	16.5779	8.51475	0.456553	1
cg27534772	0.000372889	0.401846	-2.48852	0.673512	0.934382	-1.07023	0.118967	1.3113	1.3113	0.0185352	0.632972	-1.57985	10.6578	4.32966	0.361106	1
cg26228591	0.000575514	0.459618	-2.17572	0.00510627	0.582839	-1.71574	0.776673	1.04236	1.04236	0.593074	1.08187	1.08187	9.92126	3.3445	0.299648	1
cg01555432	0.735419	0.93948	-1.06442	0.00378764	2.05231	2.05231	0.280696	1.22923	1.22923	0.951122	0.98878	-1.01135	4.91797	2.63881	0.476947	1
cg23112360	0.0568328	1.51319	1.51319	0.0350367	1.60315	1.60315	0.75799	1.06119	1.06119	0.807005	1.04816	1.04816	3.8054	2.22564	0.519879	1
cg15135166	0.00420542	0.433439	-2.30713	0.741877	0.930457	-1.07474	0.184692	0.735791	-1.35908	0.304346	0.792959	-1.2611	3.74752	2.8227	0.669527	1
cg24508996	0.182414	0.777062	-1.2869	0.0155672	1.69684	1.69684	0.859782	1.03202	1.03202	0.64196	0.919924	-1.08705	3.68817	1.85587	0.447285	1
cg13007502	0.263189	0.82861	-1.20684	0.00447826	1.84205	1.84205	0.344202	1.17004	1.17004	0.703997	0.940332	-1.06345	21.9425	9.0277	0.365711	1
cg08791424	0.124024	0.682994	-1.46414	0.000245895	4.00068	4.00068	0.0129902	2.02505	2.02505	0.373493	0.811301	-1.23259	18.1763	15.0832	0.737626	1
cg05391892	0.00410797	0.313048	-3.1944	0.000856018	0.220707	-4.5309	0.0441991	2.00849	2.00849	0.0163928	0.412713	-2.42299	9.33328	13.4534	1.28129	1
cg10157926	0.0816028	0.652805	-1.53185	0.000249781	0.263083	-3.80109	0.140336	1.4198	1.4198	0.0717896	0.641361	-1.55918	8.98756	6.94982	0.687352	1
cg09950920	0.514493	0.914579	-1.0934	0.000216735	2.30146	2.30146	0.137283	0.805577	-1.24135	0.121465	0.797083	-1.25457	8.98028	2.59521	0.25688	1
cg25498258	0.969317	0.993947	-1.00609	0.00851273	0.588574	-1.69902	0.227918	0.818904	-1.22114	0.0020515	0.503745	-1.98513	8.59548	3.39228	0.350807	1
cg09368486	0.883085	1.03286	1.03286	0.00116664	0.350888	-2.84991	0.0905356	0.663831	-1.50641	0.600064	1.12325	1.12325	7.71967	5.90132	0.679513	1
cg19154323	0.0138642	2.08576	2.08576	0.000332868	0.246618	-4.05485	0.338856	0.787929	-1.26915	0.301973	1.29504	1.29504	6.44433	5.96576	0.822878	1
cg05415980	0.961719	1.00999	1.00999	0.000369329	3.25622	3.25622	0.0546569	1.57053	1.57053	0.87617	1.03282	1.03282	6.34304	4.30844	0.603768	1
cg00903438	0.444009	1.23609	1.23609	0.594157	1.15728	1.15728	0.841414	1.05592	1.05592	0.00705798	0.388388	-2.57475	5.93488	6.93404	1.03854	1
cg06732666	0.00971052	0.377501	-2.649	0.0020401	0.273972	-3.65001	0.336864	0.744632	-1.34295	0.118641	1.65607	1.65607	5.69931	8.00457	1.24843	1
cg18644787	0.00211166	0.504502	-1.98215	0.0588308	1.40183	1.40183	0.976314	1.00471	1.00471	0.261226	1.20377	1.20377	5.2606	2.0873	0.352694	1
cg22329743	0.475206	1.16288	1.16288	0.00262399	2.37661	2.37661	0.0882618	1.47831	1.47831	0.13035	1.4043	1.4043	4.70858	3.22083	0.60803	1
cg25029529	0.806978	0.944924	-1.05829	0.00432663	2.41728	2.41728	0.71684	1.08795	1.08795	0.38646	1.22809	1.22809	3.95531	3.35514	0.75401	1
cg10323457	0.647134	1.07071	1.07071	0.000819647	0.473535	-2.11178	0.875328	0.976994	-1.02355	0.926468	1.01378	1.01378	3.79551	1.32098	0.309366	1
cg03041482	0.62627	0.954873	-1.04726	0.00798672	1.37699	1.37699	0.00334596	0.686814	-1.456	0.00577788	1.40532	1.40532	9.24146	1.29576	0.124632	1
cg15648958	0.00193018	0.556981	-1.79539	0.0242446	1.43077	1.43077	0.808519	1.03291	1.03291	0.00894266	0.641812	-1.55809	7.23988	2.03916	0.250362	1
cg26679367	0.000601779	0.395496	-2.52847	6.00E-06	0.168692	-5.92797	4.10E-06	0.153839	-6.50032	0.00590649	0.53188	-1.88012	39.8899	19.4135	0.432601	1
cg04865998	0.0014835	0.36984	-2.70387	3.18E-06	0.0910778	-10.9796	9.85E-05	0.222976	-4.48479	0.0920244	0.66869	-1.49546	25.7437	19.196	0.662805	1
cg23596291	0.000355285	0.146751	-6.81428	1.46E-05	0.0490943	-20.369	1.83E-05	0.0536455	-18.6409	0.00128984	0.208118	-4.80497	25.1444	44.6045	1.57683	1
cg22381068	0.0790664	0.560194	-1.7851	0.000444209	0.192525	-5.19414	0.297295	0.725336	-1.37867	0.0948913	0.579575	-1.7254	7.68163	10.7452	1.24339	1
cg22481263	0.00795067	0.336941	-2.96788	0.0011364	0.21646	-4.61979	0.0269808	2.31006	2.31006	0.98236	0.992957	-1.00709	6.3356	10.2545	1.43871	1
cg06818851	0.0085399	0.133273	-7.5034	0.00213562	0.0749375	-13.3444	0.0391444	0.238443	-4.19388	0.0133683	0.158785	-6.29784	6.07804	34.7211	5.07782	1
cg16352072	0.174646	1.63798	1.63798	0.00175821	0.21797	-4.58779	0.00505225	0.281637	-3.55067	0.434911	0.761639	-1.31296	6.03153	11.1583	1.64445	1
cg23956473	0.618833	0.896926	-1.11492	0.0332916	1.71532	1.71532	0.00653373	0.464669	-2.15207	0.960482	0.989311	-1.0108	4.39848	3.27712	0.662273	1
cg07195057	0.241189	0.539482	-1.85363	0.00536114	0.158086	-6.32567	0.228865	0.529827	-1.88741	0.0711687	0.362821	-2.75618	3.66556	14.689	3.56206	1
cg18288576	0.0986896	0.697562	-1.43356	0.401924	1.18606	1.18606	0.177003	0.751686	-1.33034	0.190865	0.759191	-1.31719	7.04814	4.41664	0.557013	1
cg14262570	0.312483	1.07341	1.07341	0.0425799	1.17153	1.17153	0.0387155	0.850167	-1.17624	0.000626889	1.42839	1.42839	10.3531	0.75387	0.0647253	1
cg12027358	0.400048	0.882321	-1.13338	0.00388514	0.568289	-1.75967	0.0302724	0.690602	-1.44801	0.0529429	1.37668	1.37668	7.08902	2.37152	0.297363	1
cg26157579	0.475181	0.747991	-1.33691	0.0279231	0.353918	-2.82551	0.0887994	2.11824	2.11824	0.0309395	0.363103	-2.75404	5.88568	14.9043	2.25093	1
cg09200308	0.0172332	0.636407	-1.57132	0.0879067	0.745776	-1.34089	0.517008	1.10773	1.10773	0.560023	1.09613	1.09613	5.76313	2.2139	0.341466	1
cg04181478	0.253004	1.22298	1.22298	0.899287	0.978878	-1.02158	0.000112562	0.318538	-3.13934	0.0651073	0.705271	-1.41789	17.891	8.0547	0.400187	1
cg08531365	0.338083	1.17696	1.17696	0.534297	1.10943	1.10943	0.848396	1.03208	1.03208	0.857098	0.970698	-1.03019	4.63602	1.99886	0.383252	1
cg21777602	0.110175	1.30703	1.30703	0.624445	1.07884	1.07884	0.0107915	0.611083	-1.63644	0.674017	0.937007	-1.06723	3.71735	1.39249	0.332971	1
cg08083435	0.00761614	0.640377	-1.56158	0.0705944	0.769165	-1.30011	0.0227193	0.701736	-1.42504	0.162281	0.82383	-1.21384	3.63244	0.970566	0.237505	1
cg20927724	0.0266786	1.19602	1.19602	1.96E-05	1.80429	1.80429	0.00634119	0.784877	-1.27409	0.131925	1.11721	1.11721	19.2979	1.41999	0.0654068	1
cg23205660	0.0704444	0.522263	-1.91474	0.241153	0.67422	-1.4832	0.190669	0.640701	-1.56079	0.0234593	0.41911	-2.38601	8.18783	13.3846	1.45306	1
cg11526413	0.356094	0.627184	-1.59443	0.571781	1.32422	1.32422	0.820907	0.894546	-1.11789	0.102777	0.415902	-2.40441	4.31948	16.5245	3.40051	1
cg08749443	0.374756	0.720011	-1.38887	0.33187	0.697001	-1.43472	0.507488	0.784708	-1.27436	0.142206	0.566149	-1.76632	3.87483	7.97854	1.83028	1
cg01035422	0.00974386	2.11689	2.11689	0.211478	1.35253	1.35253	0.0299607	1.79644	1.79644	0.0563244	1.64175	1.64175	3.80522	3.17156	0.740867	1
cg06797533	0.336425	1.36491	1.36491	0.579464	0.838872	-1.19208	0.000141442	7.85351	7.85351	0.00120655	4.42869	4.42869	12.0254	18.763	1.38692	1
cg14334810	0.00812597	0.480579	-2.08082	0.0010497	0.350468	-2.85333	0.0221852	0.552697	-1.80931	0.00246209	0.40225	-2.48601	7.13928	5.28762	0.658344	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14291622	PLIN2;PLIN2	3.26E-05	0.350336	0.68229	-1.46565	0.419366	1.38837	1.38837	0.00197793	5.6865	5.6865	0.462898	1.34604	1.34604	0.0110715	0.281677	-3.55017
cg00912035	PLIN3;PLIN3;PLIN3	5.84E-06	8.26E-07	0.251225	-3.9805	0.00651056	0.690177	-1.4489	2.57E-05	0.417022	-2.39796	0.000126873	0.496867	-2.01261	2.04E-06	0.293002	-3.41294
cg24812303	PLIN3;PLIN3;PLIN3	0.000140367	0.000142682	0.162145	-6.1673	0.792013	1.07607	1.07607	0.00137241	0.275817	-3.6256	0.00756881	0.385555	-2.59366	1.06E-05	0.0735824	-13.5902
cg01632322	PLIN3;PLIN3;PLIN3	0.00234898	0.769939	0.917819	-1.08954	0.378173	1.30266	1.30266	0.074047	0.558691	-1.7899	0.555076	0.839824	-1.19073	0.00120447	0.249875	-4.002
cg18958531	PLIN3;PLIN3;PLIN3	0.00881151	0.00492795	2.7866	2.7866	0.5642	0.851806	-1.17398	0.760948	1.08759	1.08759	0.627249	0.874023	-1.14413	0.016753	0.447818	-2.23305
cg05358025	PLIN3;PLIN3;PLIN3	0.0180831	0.0235047	1.78667	1.78667	0.00674098	0.470721	-2.1244	0.0129803	0.516173	-1.93733	0.172061	0.732123	-1.36589	0.25971	0.777092	-1.28685
cg07814697	PLIN3;PLIN3;PLIN3	0.0217997	0.178502	1.20333	1.20333	0.902649	0.98428	-1.01597	0.0662622	1.30572	1.30572	0.0515149	0.750497	-1.33245	0.0026802	0.584252	-1.71159
cg24837653	PLIN3;PLIN3;PLIN3	0.0238456	0.633194	0.900864	-1.11005	0.0408511	0.598951	-1.66959	0.0585976	0.628811	-1.5903	0.366318	0.817477	-1.22328	0.000472347	0.303443	-3.29552
cg14817241	PLIN3;PLIN3;PLIN3	0.0371811	0.0112934	0.596108	-1.67755	0.771134	0.953557	-1.04871	0.021256	0.636705	-1.57059	0.438772	1.13742	1.13742	0.0423904	0.683092	-1.46393
cg24452069	PLIN3;PLIN3;PLIN3;PLIN3;PLIN3;PLIN3	0.0273257	0.315095	1.3943	1.3943	0.898324	0.95992	-1.04175	0.57204	1.20046	1.20046	0.00177921	0.240884	-4.15138	0.70826	0.886673	-1.12781
cg18464402	PLIN4	0.000631553	0.000233168	0.225571	-4.4332	0.000462764	0.260832	-3.83389	0.0153523	0.483946	-2.06635	0.188412	0.711806	-1.40488	0.000229358	0.224756	-4.44927
cg18715793	PLIN4	0.0011414	0.656799	1.07802	1.07802	0.0352524	1.50974	1.50974	0.675586	0.931739	-1.07326	0.0334731	1.51794	1.51794	0.029721	0.65063	-1.53697
cg01907005	PLIN4	0.00639439	0.0117869	0.689949	-1.44938	0.0275726	0.735322	-1.35995	0.00122028	0.572114	-1.7479	0.620392	0.942788	-1.06068	0.0244553	0.728828	-1.37207
cg08563054	PLIN4	0.00911939	0.001176	0.230516	-4.33809	0.0149482	0.397576	-2.51524	0.0427259	0.487232	-2.05241	0.00995164	0.366629	-2.72755	0.00271224	0.278973	-3.58457
cg07071609	PLIN5	0.000353124	0.254478	1.15984	1.15984	0.23219	0.855437	-1.16899	0.0571671	0.764781	-1.30756	0.000235295	2.13775	2.13775	0.211904	1.17807	1.17807
cg08662766	PLIN5	0.00358446	0.0600011	0.522495	-1.9139	0.193424	0.656374	-1.52352	0.0255658	0.444143	-2.25153	0.682603	0.881805	-1.13404	0.0008818	0.217608	-4.59542
cg17172243	PLIN5	0.00441218	0.389938	1.22775	1.22775	0.112408	0.66863	-1.49559	0.178301	0.716707	-1.39527	0.023725	1.87531	1.87531	0.171348	1.40381	1.40381
cg22512222	PLIN5	0.0117624	0.660394	0.908639	-1.10055	0.0181431	1.86207	1.86207	0.00838966	2.07442	2.07442	0.413885	0.834438	-1.19841	0.226172	0.759282	-1.31703
cg02392228	PLIN5	0.0148	0.0105365	0.366118	-2.73136	0.108054	0.578417	-1.72886	0.670684	0.874985	-1.14288	0.776661	1.09286	1.09286	0.00765214	0.34286	-2.91664
cg17718457	PLIN5	0.0304616	0.773535	0.94765	-1.05524	0.662392	1.08532	1.08532	0.0615319	1.4807	1.4807	0.0250209	0.608401	-1.64365	0.00808253	0.531439	-1.88168
cg22452122	PLIN5	0.0325836	0.181463	0.423766	-2.35979	0.444457	0.623857	-1.60293	0.370368	0.573066	-1.745	0.297687	0.520266	-1.92209	0.00616101	0.115024	-8.69385
cg04138181	PLK1	0.000268589	?	?	?	0.0243495	0.176481	-5.66634	0.792824	0.847458	-1.18	5.77E-05	0.0054558	-183.291	?	?	?
cg03400583	PLK1	0.00259132	0.432784	1.11265	1.11265	0.000965717	0.51934	-1.92552	0.0993584	0.785936	-1.27237	0.182053	1.20789	1.20789	0.0376999	0.725112	-1.3791
cg01965475	PLK1	0.00750929	0.357083	1.07813	1.07813	0.343788	1.08053	1.08053	0.0135857	0.784638	-1.27447	0.980067	1.00199	1.00199	0.289487	1.09125	1.09125
cg05657488	PLK1	0.0178304	0.0222288	0.734365	-1.36172	0.516738	0.928618	-1.07687	0.735921	1.03887	1.03887	0.105988	0.819633	-1.22006	0.0521604	0.779714	-1.28252
cg27170015	PLK1	0.023237	0.00534711	0.265851	-3.7615	0.429111	1.3384	1.3384	0.323064	0.691725	-1.44566	0.326085	0.693418	-1.44213	0.0210615	0.367171	-2.72353
cg06351965	PLK1	0.0398243	0.550087	0.855733	-1.16859	0.935686	1.02101	1.02101	0.726798	0.913586	-1.09459	0.00632468	0.400081	-2.49949	0.196514	0.703383	-1.4217
cg01585094	PLK1	0.0444834	0.865816	0.963309	-1.03809	0.433495	1.19322	1.19322	0.0215522	1.84061	1.84061	0.857949	0.961173	-1.0404	0.0105576	0.491143	-2.03607
cg06240124	PLK1	0.0461879	0.180831	0.773644	-1.29258	0.598776	0.908552	-1.10065	0.00428814	1.99371	1.99371	0.351437	0.840955	-1.18912	0.968832	1.00708	1.00708
cg17658244	PLK1S1;PLK1S1;PLK1S1	0.00666284	0.825203	1.04094	1.04094	0.000395526	0.359376	-2.7826	0.0158228	0.584971	-1.70949	0.181032	1.29381	1.29381	0.995429	1.00104	1.00104
cg20043466	PLK1S1;PLK1S1;PLK1S1	0.00744919	0.533798	1.09879	1.09879	0.458628	1.11942	1.11942	0.00291308	0.542509	-1.84329	0.0012346	0.493552	-2.02613	0.156696	1.25415	1.25415
cg26827893	PLK1S1;PLK1S1;PLK1S1	0.00825883	0.0101759	0.411094	-2.43253	0.00990023	0.409077	-2.44453	0.59965	1.15637	1.15637	0.250726	0.7195	-1.38985	0.00177207	0.294926	-3.39068
cg24863056	PLK1S1;PLK1S1;PLK1S1	0.0201254	0.171912	1.34905	1.34905	0.157562	1.36499	1.36499	0.10463	1.44079	1.44079	0.228432	1.29727	1.29727	0.823737	1.047	1.047
cg18185971	PLK1S1;PLK1S1;PLK1S1	0.0303189	0.035989	0.256811	-3.89391	0.0114035	0.171228	-5.84016	0.101474	0.368148	-2.7163	0.39173	0.613229	-1.63071	0.0115322	0.171924	-5.81653
cg11574758	PLK1S1;PLK1S1;PLK1S1	0.0322299	0.532858	0.923832	-1.08245	0.148578	1.2145	1.2145	0.00409054	1.62127	1.62127	0.281758	0.869097	-1.15062	0.261487	1.1582	1.1582
cg14507193	PLK2	0.000761082	0.0108456	3.01099	3.01099	0.403962	1.2895	1.2895	0.000672635	0.123888	-8.07181	0.0222269	2.4895	2.4895	0.000222473	0.071309	-14.0235
cg07479092	PLK2	0.034119	0.190476	0.685041	-1.45977	0.132492	0.642155	-1.55726	0.405962	1.26109	1.26109	0.0683747	0.573069	-1.74499	0.0975858	0.608978	-1.64209
cg22849482	PLK2;PLK2	0.021361	0.202808	0.772873	-1.29387	0.0940531	1.42301	1.42301	0.736151	1.06695	1.06695	0.597743	0.902998	-1.10742	0.457566	1.156	1.156
cg14225544	PLK2;PLK2	0.025123	0.0419144	1.20231	1.20231	0.0190992	1.24969	1.24969	0.532599	1.05092	1.05092	0.860417	0.986286	-1.01393	0.0379552	1.20815	1.20815
cg08854582	PLK3	0.00437746	0.122106	1.32746	1.32746	0.220253	0.804217	-1.24345	0.706942	1.06593	1.06593	0.911472	1.01898	1.01898	0.0231327	1.58262	1.58262
cg14177943	PLK3	0.0137497	0.0276044	0.798453	-1.25242	0.0173364	1.28455	1.28455	0.0119473	1.31131	1.31131	0.260837	1.10665	1.10665	0.427356	1.07254	1.07254
cg07368443	PLK3	0.0309126	0.0912078	0.62027	-1.6122	0.241976	0.73022	-1.36945	0.961175	1.01258	1.01258	0.287072	1.32816	1.32816	0.00176582	0.318695	-3.1378
cg07753711	PLK4	6.84E-06	0.0404032	0.618107	-1.61784	0.00624293	0.484662	-2.06329	7.68E-06	0.135842	-7.36149	9.84E-08	0.0295943	-33.7903	0.0713356	0.664121	-1.50575
cg00608362	PLK4	0.000447605	0.854396	1.03981	1.03981	0.792512	1.05763	1.05763	0.412533	1.1949	1.1949	0.997864	1.00057	1.00057	4.72E-06	0.107798	-9.27658
cg02994288	PLK4	0.000648562	0.000817816	0.731242	-1.36754	0.0187709	0.838042	-1.19326	0.530997	1.04016	1.04016	0.636311	0.970876	-1.03	0.0640906	0.878874	-1.13782
cg20088535	PLK4	0.00106341	0.000802862	2.87013	2.87013	0.0394017	0.64067	-1.56087	0.0162371	0.570365	-1.75326	0.000610298	0.329522	-3.0347	0.126584	1.35109	1.35109
cg06015521	PLK4	0.00426564	0.0232576	0.366449	-2.72889	0.00262247	0.213967	-4.67363	0.235901	0.631444	-1.58367	0.462479	1.31896	1.31896	0.00774963	0.282008	-3.546
cg22112850	PLK4	0.014491	0.412896	0.816676	-1.22448	0.0379694	0.558753	-1.7897	0.296381	0.76957	-1.29943	0.935888	1.01965	1.01965	0.908442	1.02822	1.02822
cg00851261	PLK5P	8.71E-06	0.00218963	0.389593	-2.56678	5.42E-06	0.104575	-9.5625	7.03E-05	0.203554	-4.91271	0.0373506	0.588507	-1.69922	6.03E-06	0.107972	-9.26168
cg02789965	PLK5P	0.000123972	0.000430657	0.113364	-8.82117	0.00973784	0.278594	-3.58945	0.204131	1.6885	1.6885	7.14E-06	0.0207052	-48.297	?	?	?
cg27277620	PLK5P	0.000545421	0.0792151	0.659442	-1.51643	0.747006	0.93318	-1.07161	0.00449498	0.445181	-2.24628	0.64694	0.906165	-1.10355	0.00127967	0.366631	-2.72754
cg03404027	PLK5P	0.0161895	0.504226	1.34455	1.34455	0.202765	1.7993	1.7993	0.0582153	2.54746	2.54746	0.926844	1.04093	1.04093	0.91284	1.04899	1.04899
cg11293190	PLK5P	0.0304796	0.420562	1.77515	1.77515	0.0397706	5.24832	5.24832	0.0890505	3.69835	3.69835	0.247259	2.32499	2.32499	0.182231	0.372556	-2.68416
cg09760057	PLK5P	0.0364755	0.103056	0.385812	-2.59194	0.00292314	0.112653	-8.87683	0.547346	0.722379	-1.38432	0.647158	0.781827	-1.27905	0.028908	0.252661	-3.95788
cg05308639	PLK5P	0.03907	0.0471044	0.51926	-1.92582	0.0777561	0.568126	-1.76017	0.212631	0.684802	-1.46028	0.772815	0.919899	-1.08708	0.0236689	0.458808	-2.17956
cg04439516	PLLP	0.000198687	0.377583	1.16316	1.16316	0.620113	1.08699	1.08699	0.457643	0.881383	-1.13458	1.64E-05	0.227445	-4.39668	8.95E-05	0.310264	-3.22306
cg05100596	PLLP	0.00801549	0.307267	1.2238	1.2238	0.0731892	1.46493	1.46493	0.101255	1.40903	1.40903	0.589915	0.90125	-1.10957	0.000196236	0.302268	-3.30833
cg02916932	PLLP	0.0200017	0.0248827	0.137814	-7.25614	0.080392	4.21931	4.21931	0.248716	0.408598	-2.44739	0.871129	1.12808	1.12808	0.00459658	0.0608	-16.4474
cg26879945	PLLP	0.0273636	0.177621	0.485427	-2.06004	0.236993	1.86823	1.86823	0.0603683	0.343544	-2.91083	0.103414	2.45593	2.45593	0.746273	1.17795	1.17795
cg11965966	PLOD1	5.92E-05	0.0924542	1.24046	1.24046	0.204206	0.855629	-1.16873	0.983327	1.00243	1.00243	0.683672	1.04883	1.04883	0.0086032	0.677108	-1.47687
cg03529003	PLOD1	0.00408714	0.00655555	0.515403	-1.94023	0.0603364	1.48823	1.48823	0.493996	0.877777	-1.13924	0.751754	1.06137	1.06137	0.00871402	0.534016	-1.8726
cg11469137	PLOD1	0.0161241	0.00341926	0.250011	-3.99982	0.346731	1.4017	1.4017	0.352667	0.716547	-1.39558	0.0238397	0.390695	-2.55954	0.00487208	0.272328	-3.67205
cg15603548	PLOD1	0.0192272	0.190685	0.5037	-1.98531	0.0110735	0.206665	-4.83874	0.926558	0.955398	-1.04668	0.447435	0.681676	-1.46697	0.00250133	0.125114	-7.99273
cg05132283	PLOD1	0.0437654	0.561569	0.887155	-1.1272	0.634469	1.10264	1.10264	0.0531797	1.56537	1.56537	0.102405	0.694473	-1.43994	0.0908737	0.683891	-1.46222
cg18543991	PLOD2;PLOD2	0.000222316	0.000140286	0.168087	-5.94929	0.00251164	0.320313	-3.12194	0.0147858	0.443248	-2.25607	0.000893281	0.259388	-3.85523	0.000227707	0.189804	-5.2686
cg08204129	PLOD2;PLOD2	0.000316128	8.42E-05	0.116817	-8.5604	0.00822809	0.358301	-2.79095	0.00745479	0.351257	-2.84692	0.0421798	0.491288	-2.03547	0.000183569	0.14664	-6.8194
cg15726045	PLOD2;PLOD2	0.00207835	0.0120377	0.294296	-3.39794	0.0638945	0.443321	-2.2557	0.017879	0.324902	-3.07785	0.00319182	0.207521	-4.8188	0.000984981	0.147626	-6.77389
cg22234419	PLOD2;PLOD2	0.00369119	0.0023929	0.203538	-4.91308	0.0113471	0.303477	-3.29514	0.0376154	0.40362	-2.47758	0.0205349	0.350013	-2.85704	0.00155318	0.180595	-5.53725
cg18986651	PLOD2;PLOD2	0.0111395	0.0664112	1.86314	1.86314	0.0609548	1.89343	1.89343	0.564927	1.19228	1.19228	0.311487	1.37232	1.37232	0.0292239	0.459979	-2.17401
cg11734112	PLOD2;PLOD2	0.0146147	0.00429848	0.401405	-2.49125	0.130529	0.67682	-1.4775	0.003192	0.381962	-2.61806	0.290634	0.769391	-1.29973	0.527879	0.858226	-1.16519
cg08451977	PLOD3	0.00453007	0.896541	0.967411	-1.03369	0.21919	0.719584	-1.38969	0.076336	0.605215	-1.65231	0.563814	1.16022	1.16022	0.000169846	0.196221	-5.0963
cg22362802	PLOD3	0.0240982	0.00740411	0.174482	-5.73124	0.195978	0.500588	-1.99765	0.0401144	0.301115	-3.32099	0.86061	0.914898	-1.09302	0.00839373	0.181975	-5.49526
cg25653341	PLOD3	0.0242884	0.0292538	0.322406	-3.10168	0.00355495	0.175358	-5.70261	0.0414366	0.354729	-2.81905	0.0862568	0.433757	-2.30544	0.0256704	0.310996	-3.21548
cg27039626	PLOD3;PLOD3;ZNHIT1	0.0497915	0.979132	0.996148	-1.00387	0.309809	1.16777	1.16777	0.877956	1.02294	1.02294	0.221256	1.20894	1.20894	0.33106	0.862432	-1.15951
cg26197836	PLP1;PLP1;PLP1	0.00198595	0.0149355	0.288866	-3.46182	0.0335307	0.356874	-2.80211	0.118947	0.495518	-2.01809	0.24902	0.606586	-1.64857	0.00069542	0.116857	-8.5575
cg03031520	PLP1;PLP1;PLP1	0.0123159	0.442649	1.45626	1.45626	0.0644433	0.368807	-2.71144	0.2698	0.575931	-1.73632	0.365128	0.639662	-1.56333	0.0332073	0.302601	-3.30468
cg08762253	PLP1;PLP1;PLP1;PLP1	0.01618	0.53544	1.52549	1.52549	0.320857	0.50148	-1.9941	0.61748	0.712609	-1.40329	0.981498	0.984517	-1.01573	0.0604778	0.240632	-4.15573
cg16497626	PLP1;PLP1;PLP1;PLP1	0.0328601	0.525166	1.50055	1.50055	0.439226	0.608207	-1.64418	0.476034	0.633322	-1.57897	0.766471	1.2065	1.2065	0.0521331	0.248484	-4.02441
cg10542519	PLP2	0.0027381	0.000960945	0.267788	-3.7343	0.00164343	0.298868	-3.34596	0.386938	0.788498	-1.26823	0.358898	0.776645	-1.28759	0.000355911	0.215245	-4.64586
cg24411090	PLP2	0.00536398	0.944039	1.01849	1.01849	0.0885186	0.612368	-1.63301	0.379821	0.790471	-1.26507	0.149296	0.667935	-1.49715	0.000142755	0.180609	-5.53682
cg05040675	PLP2	0.0110992	0.48608	0.700468	-1.42762	0.0337993	0.287466	-3.47868	0.451693	0.679983	-1.47063	0.537357	1.3691	1.3691	0.00165952	0.103972	-9.61794
cg01985106	PLRG1	0.0310914	0.0184287	0.270179	-3.70125	0.748128	0.862893	-1.15889	0.221859	0.555614	-1.79981	0.599101	1.27482	1.27482	0.00784488	0.209794	-4.76658
cg07850338	PLRG1;PLRG1	0.0184378	0.0420165	0.73943	-1.35239	0.0042198	0.61043	-1.63819	0.0268628	0.713345	-1.40185	0.0635274	1.30838	1.30838	0.377073	1.12387	1.12387
cg00137209	PLS1	4.24E-07	0.417502	0.90974	-1.09922	1.26E-07	6.78996	6.78996	0.157418	0.841464	-1.1884	3.58E-08	9.48998	9.48998	0.00461672	1.53778	1.53778
cg20824294	PLS1	0.00798057	0.0137548	0.177355	-5.6384	0.217107	0.478332	-2.0906	0.129885	0.394912	-2.53221	0.0990082	0.358054	-2.79288	0.000683209	0.052527	-19.0378
cg00063773	PLS1	0.0141653	0.0308166	2.18566	2.18566	0.150835	0.622068	-1.60754	0.420748	0.775997	-1.28866	0.518389	1.22369	1.22369	0.178581	1.55369	1.55369
cg24278076	PLS1;PLS1	0.000109233	0.000374674	0.39477	-2.53312	0.856255	0.970807	-1.03007	0.028051	0.654442	-1.52802	0.256575	1.21348	1.21348	0.0234732	0.642608	-1.55616
cg16943427	PLS1;PLS1	0.01214	0.212882	1.27	1.27	0.0033658	0.483494	-2.06828	0.0101072	0.553634	-1.80625	0.0380624	1.54973	1.54973	0.23026	1.25774	1.25774
cg21539234	PLS3	6.44E-05	0.895871	0.981588	-1.01876	0.0734628	0.753334	-1.32743	8.22E-07	6.49203	6.49203	0.0927887	1.30016	1.30016	0.579767	1.08262	1.08262
cg08990057	PLS3	0.000699659	0.0351827	0.500326	-1.9987	0.348378	0.761474	-1.31324	0.191984	1.47673	1.47673	1.17E-05	13.7448	13.7448	0.923213	1.02759	1.02759
cg12289482	PLS3	0.00149852	0.0634823	0.474663	-2.10676	0.142962	0.569961	-1.75451	0.974824	0.988794	-1.01133	0.0503428	0.450856	-2.218	0.000584091	0.149816	-6.67483
cg18134562	PLS3	0.00381001	0.317459	0.733364	-1.36358	0.00100039	4.33293	4.33293	0.00402289	3.18878	3.18878	0.0140393	2.48451	2.48451	0.00637618	2.90186	2.90186
cg16524492	PLS3	0.0146085	0.801241	0.943594	-1.05978	0.729909	0.923328	-1.08304	0.250855	1.31805	1.31805	0.0871641	1.54455	1.54455	0.444813	1.19636	1.19636
cg05052271	PLS3	0.0168949	0.300671	1.69595	1.69595	0.944542	1.03486	1.03486	0.412243	0.661705	-1.51125	0.556687	0.746166	-1.34018	0.0160268	0.234099	-4.2717
cg10800483	PLS3	0.025178	0.311613	1.4873	1.4873	0.235898	0.62436	-1.60164	0.177114	0.580416	-1.7229	0.150324	0.55728	-1.79443	0.0551419	0.438447	-2.28078
cg12546167	PLS3;PLS3	0.00315709	0.203443	1.54035	1.54035	0.000708689	0.190091	-5.26064	0.0163299	0.388738	-2.57243	0.0396	0.46492	-2.15091	0.309116	0.712667	-1.40318
cg04755045	PLS3;PLS3	0.00466842	0.149696	1.53436	1.53436	0.0135544	0.428774	-2.33223	0.0367288	0.510369	-1.95937	0.00850129	0.394179	-2.53692	0.00163339	0.28632	-3.49259
cg03512369	PLS3;PLS3	0.0340559	0.118181	2.07065	2.07065	0.0639035	2.44379	2.44379	0.120267	2.06076	2.06076	0.988042	0.993591	-1.00645	0.100795	0.462479	-2.16226
cg11616384	PLS3;PLS3	0.0465482	0.295336	1.49246	1.49246	0.96212	0.982629	-1.01768	0.086978	0.497873	-2.00855	0.159059	0.573874	-1.74254	0.00488251	0.252434	-3.96144
cg14148265	PLS3;PLS3;PLS3	0.0385186	0.12476	2.06547	2.06547	?	?	?	0.870689	1.0737	1.0737	0.0881258	0.439821	-2.27365	0.926829	0.960701	-1.04091
cg15437043	PLSCR1	0.000497646	0.000671228	0.447447	-2.2349	0.00201646	0.509996	-1.9608	0.0857118	0.745594	-1.34121	0.587927	1.08824	1.08824	0.0515029	0.709901	-1.40865
cg22683259	PLSCR1	0.00115494	0.583465	1.11094	1.11094	0.222169	1.27604	1.27604	0.111775	1.38965	1.38965	0.737321	1.06605	1.06605	3.00E-05	0.211969	-4.71766
cg27133310	PLSCR1	0.00183311	0.217957	0.883096	-1.13238	0.957177	1.00516	1.00516	0.143805	0.860139	-1.1626	0.00706292	1.39652	1.39652	0.00064992	1.65138	1.65138
cg18778727	PLSCR1	0.00429143	0.038377	0.474272	-2.1085	0.0159509	0.399534	-2.50292	0.0866628	0.555244	-1.80101	0.288557	1.40851	1.40851	0.000711305	0.201288	-4.96801
cg06981309	PLSCR1	0.00587894	0.00135993	0.110381	-9.0595	0.36045	0.640444	-1.56142	0.0660184	0.37627	-2.65767	0.00666905	0.188573	-5.303	0.350526	0.634182	-1.57683
cg25729907	PLSCR1	0.0072676	0.014107	0.527663	-1.89515	0.651784	0.908586	-1.10061	0.337677	0.811738	-1.23192	0.805978	1.0533	1.0533	0.62188	0.900411	-1.1106
cg00264433	PLSCR1	0.00728552	0.00399514	0.287661	-3.47631	0.0119392	0.364136	-2.74623	0.0767395	0.5305	-1.88501	0.00825655	0.336945	-2.96784	0.00219634	0.250872	-3.98609
cg14795253	PLSCR1	0.0229785	0.0135361	0.270492	-3.69696	0.0583661	0.400459	-2.49714	0.900704	0.947995	-1.05486	0.0242191	0.316787	-3.1567	0.00950604	0.245222	-4.07794
cg18686270	PLSCR1	0.028095	0.00806853	0.17716	-5.64462	0.122803	0.426223	-2.34619	0.040162	0.298376	-3.35148	0.0965909	0.394379	-2.53563	0.03295	0.28021	-3.56875
cg20708892	PLSCR1	0.0493627	0.0287494	0.611189	-1.63615	0.224899	0.784027	-1.27547	0.372579	1.19093	1.19093	0.030047	0.614415	-1.62756	0.0145182	0.562843	-1.77669
cg21569635	PLSCR2	2.15E-05	0.00225616	0.507944	-1.96872	0.000936836	0.457296	-2.18677	0.0050579	1.79935	1.79935	3.21E-06	5.74395	5.74395	0.0126324	0.611797	-1.63453
cg15847988	PLSCR2	4.94E-05	0.744897	0.949563	-1.05312	0.0191826	0.63814	-1.56705	0.00588808	1.77046	1.77046	0.0049608	0.554503	-1.80342	0.202617	1.23767	1.23767
cg24607783	PLSCR2	5.61E-05	0.00375259	0.43816	-2.28227	0.0628665	0.643152	-1.55484	0.476355	1.16501	1.16501	0.0176545	1.83812	1.83812	0.201136	0.752218	-1.3294
cg08140542	PLSCR2	0.000293286	0.451974	0.892331	-1.12066	0.588252	0.921956	-1.08465	0.000266974	0.410832	-2.43409	0.392062	0.877783	-1.13923	1.51E-05	0.263563	-3.79417
cg24092307	PLSCR2	0.00111472	0.0243722	0.429272	-2.32952	0.29377	0.709444	-1.40955	0.000444432	5.73914	5.73914	0.00141126	4.29247	4.29247	0.191128	0.646428	-1.54696
cg00328813	PLSCR2	0.00161714	0.00153281	0.415646	-2.4059	0.125243	0.726509	-1.37644	0.113295	0.717624	-1.39349	0.890763	1.02681	1.02681	0.0133578	0.554294	-1.8041
cg19917720	PLSCR2	0.00202551	0.572618	1.118	1.118	0.000168068	0.285646	-3.50083	0.002065	0.427878	-2.33712	0.569008	1.1192	1.1192	0.791057	1.05332	1.05332
cg02128651	PLSCR2	0.00275825	0.0831013	0.505581	-1.97792	0.997309	0.998802	-1.0012	0.0516362	2.19768	2.19768	0.000109317	11.2698	11.2698	0.0648553	0.478526	-2.08975
cg04442406	PLSCR2	0.00395464	0.261751	0.654253	-1.52846	0.0869315	1.98445	1.98445	0.00920702	3.31549	3.31549	0.000290417	8.51944	8.51944	0.058466	0.46068	-2.1707
cg03075662	PLSCR2	0.0302208	0.144473	0.52613	-1.90067	0.455832	0.732594	-1.36501	0.0321051	0.35754	-2.79689	0.146891	0.528451	-1.89232	0.0109519	0.270332	-3.69915
cg20960953	PLSCR2	0.0390532	0.0271382	0.526908	-1.89787	0.100087	0.643135	-1.55488	0.0581239	0.591772	-1.68984	0.138878	0.676878	-1.47737	0.00466404	0.397858	-2.51346
cg16534163	PLSCR2;PLSCR2	2.01E-05	0.329882	0.864268	-1.15705	0.000755712	0.476655	-2.09795	0.0148809	0.647559	-1.54426	0.0133283	1.56018	1.56018	0.0815232	0.755711	-1.32326
cg13775913	PLSCR3	0.000158769	0.000689369	1.83078	1.83078	5.95E-05	0.420336	-2.37905	0.0139311	1.42552	1.42552	0.00257502	1.62866	1.62866	0.0706493	1.2659	1.2659
cg26114392	PLSCR3	0.0038232	0.801071	1.06893	1.06893	0.168115	1.47373	1.47373	0.122267	1.55606	1.55606	0.0283019	1.98095	1.98095	0.00195679	0.314762	-3.177
cg10651007	PLSCR3	0.0204808	0.844207	1.06183	1.06183	0.0200527	2.35247	2.35247	0.420431	1.28527	1.28527	0.253001	1.43911	1.43911	0.00539443	0.327313	-3.05518
cg23633635	PLSCR3	0.0321303	0.028769	0.637604	-1.56837	0.939378	1.01336	1.01336	0.0789897	1.40545	1.40545	0.294789	1.20878	1.20878	0.0220333	0.619258	-1.61484
cg16862762	PLSCR3	0.0355937	0.44811	1.13547	1.13547	0.412828	1.14751	1.14751	0.15946	0.781081	-1.28028	0.1646	1.27592	1.27592	0.140807	0.770789	-1.29737
cg00494556	PLSCR4;PLSCR4;PLSCR4	0.0235736	0.0091812	0.424722	-2.35448	0.59474	0.870239	-1.14911	0.735726	0.916044	-1.09165	0.925456	1.02452	1.02452	0.00103843	0.28444	-3.51568
cg26787035	PLSCR4;PLSCR4;PLSCR4;PLSCR4	0.018946	0.0843045	1.57141	1.57141	0.00964846	2.17112	2.17112	0.0065785	2.30538	2.30538	0.260334	1.32032	1.32032	0.0936816	1.54698	1.54698
cg13016179	PLSCR4;PLSCR4;PLSCR4;PLSCR4;PLSCR4	0.00548324	0.00632624	0.114608	-8.7254	0.0125694	0.153144	-6.5298	0.474738	0.653504	-1.53021	0.181397	0.433506	-2.30677	0.774605	1.18253	1.18253
cg24353651	PLSCR5	0.0221336	0.816879	0.987436	-1.01272	0.0610041	0.891284	-1.12198	0.38475	0.952586	-1.04977	0.871571	0.99122	-1.00886	0.504038	1.03765	1.03765
cg09863247	PLTP;PLTP	5.04E-06	0.000543703	0.585712	-1.70732	0.343184	0.90739	-1.10206	0.889115	1.01398	1.01398	0.000873326	0.608446	-1.64353	0.00152354	0.63494	-1.57495
cg01108800	PLTP;PLTP	0.00178168	0.12202	1.23158	1.23158	0.0694186	1.28714	1.28714	0.694478	1.05028	1.05028	0.559744	1.07605	1.07605	0.00061135	0.518898	-1.92716
cg11191337	PLTP;PLTP	0.00675166	0.840102	0.950858	-1.05168	0.0430899	1.787	1.787	0.511051	0.846816	-1.18089	0.013586	2.1419	2.1419	0.0540181	0.579536	-1.72552
cg21602257	PLTP;PLTP	0.0252307	0.960449	1.01492	1.01492	0.0021664	3.61642	3.61642	0.0574523	1.89988	1.89988	0.487404	0.809991	-1.23458	0.0345402	0.478922	-2.08802
cg27280575	PLTP;PLTP	0.0281451	0.000978625	0.142921	-6.99689	0.0890156	0.475113	-2.10476	0.194445	0.580044	-1.72401	0.252868	1.60619	1.60619	0.340119	0.676997	-1.47711
cg23611945	PLTP;PLTP	0.0282535	0.00858162	0.37908	-2.63797	0.049511	0.522852	-1.91259	0.097281	0.590657	-1.69303	0.0790138	0.568766	-1.75819	0.0031146	0.310392	-3.22174
cg20105087	PLTP;PLTP	0.0322831	0.128884	0.784586	-1.27456	0.0861703	0.755569	-1.32351	0.0201041	0.66065	-1.51366	0.84569	1.02922	1.02922	0.574094	0.919477	-1.08757
cg17152789	PLTP;PLTP	0.0401253	0.0103055	0.458789	-2.17965	0.605612	0.882012	-1.13377	0.0109605	0.463246	-2.15868	0.678038	1.10586	1.10586	0.145493	0.686091	-1.45753
cg01236081	PLTP;PLTP	0.0444382	0.978618	1.00455	1.00455	0.0791424	1.39086	1.39086	0.383084	0.859511	-1.16345	0.286763	0.829254	-1.2059	0.00161355	0.465216	-2.14954
cg06768188	PLTP;PLTP;PLTP;PLTP	0.0421875	0.0325359	2.60899	2.60899	0.0654009	0.452648	-2.20922	0.341592	0.6869	-1.45582	0.134603	1.85569	1.85569	0.883815	0.9455	-1.05764

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14291622	0.00189418	5.75889	5.75889	0.104395	0.493631	-2.0258	1.77E-06	114.723	114.723	3.58E-05	23.8112	23.8112	29.8111	74.6726	2.22655	1
cg00912035	0.188683	0.86412	-1.15725	0.00246501	1.55507	1.55507	0.133359	0.84384	-1.18506	0.0155208	0.732508	-1.36517	46.6195	8.11938	0.154811	1
cg24812303	0.000530536	0.223856	-4.46715	0.48345	1.21844	1.21844	0.168811	1.5019	1.5019	0.115976	0.622543	-1.60631	20.2151	24.6391	1.08342	1
cg01632322	0.227062	0.690149	-1.44896	8.10E-05	0.12503	-7.99808	0.654504	1.14079	1.14079	0.445646	1.25527	1.25527	9.19896	12.4583	1.20383	1
cg18958531	0.38072	1.28069	1.28069	0.00104643	0.263224	-3.79905	0.907113	0.968393	-1.03264	0.40491	0.79098	-1.26425	6.15353	7.37857	1.06585	1
cg05358025	0.809901	1.05305	1.05305	0.0259404	0.567177	-1.76312	0.0770327	0.655907	-1.52461	0.209471	0.752963	-1.32809	4.86758	3.54705	0.647741	1
cg07814697	0.322388	0.876019	-1.14153	0.0936721	1.26962	1.26962	0.224307	1.17974	1.17974	0.544713	0.923687	-1.08262	4.56825	1.21317	0.236058	1
cg24837653	0.368123	0.818131	-1.2223	0.12706	0.698848	-1.43093	0.71517	0.923503	-1.08283	0.117416	0.691241	-1.44667	4.42928	3.30758	0.663782	1
cg14817241	0.645017	1.07857	1.07857	0.0547761	1.42643	1.42643	0.35423	1.16812	1.16812	0.652035	0.928662	-1.07682	3.78312	1.59274	0.374233	1
cg24452069	0.512135	0.80837	-1.23706	0.0119578	2.72768	2.72768	0.487488	1.25322	1.25322	0.888554	0.956126	-1.04589	4.22385	6.84933	1.44141	1
cg18464402	0.192029	1.40055	1.40055	0.00239404	0.35623	-2.80718	0.0278066	0.53032	-1.88565	0.00504579	0.404709	-2.47091	13.3909	12.6193	0.837666	1
cg18715793	0.0225536	0.631999	-1.58228	3.71E-05	3.78903	3.78903	0.976564	0.995077	-1.00495	0.963197	1.00778	1.00778	11.3324	5.06482	0.397272	1
cg01907005	0.756764	0.964003	-1.03734	0.000787827	0.549501	-1.81983	0.0244485	0.728813	-1.37209	0.20908	0.855358	-1.1691	6.80385	1.50037	0.196016	1
cg08563054	0.305239	0.720911	-1.38713	0.0351865	0.469438	-2.13021	0.0235352	0.434435	-2.30184	0.116798	0.59143	-1.69082	6.08685	9.15902	1.33753	1
cg07071609	0.878506	0.981117	-1.01925	9.80E-05	0.422101	-2.3691	0.00701209	0.647603	-1.54416	0.00225746	0.587061	-1.7034	15.7308	3.8692	0.218634	1
cg08662766	0.0631965	0.527678	-1.8951	0.308248	0.72423	-1.38078	0.000127519	0.130149	-7.68348	0.108489	0.585293	-1.70855	8.11565	12.0306	1.31768	1
cg17172243	0.000394202	0.268551	-3.72369	0.0583615	1.64573	1.64573	0.0551494	1.65926	1.65926	0.201346	1.36926	1.36926	7.62314	6.54899	0.763638	1
cg22512222	0.373073	0.820252	-1.21914	0.00172762	2.63445	2.63445	0.52767	0.870526	-1.14873	0.312023	0.79722	-1.25436	5.60974	4.17167	0.66102	1
cg02392228	0.639848	1.15852	1.15852	0.00154412	0.241242	-4.14521	0.0554201	0.507678	-1.96975	0.0654917	0.524404	-1.90693	5.20374	8.03473	1.37247	1
cg17718457	0.770746	1.05597	1.05597	0.60208	0.906611	-1.10301	0.0108062	0.550636	-1.81608	0.491582	0.877926	-1.13905	4.06471	2.23595	0.488968	1
cg22452122	0.279213	0.506152	-1.97569	0.0013715	0.0601784	-16.6173	0.750247	1.21323	1.21323	0.261301	0.492118	-2.03203	3.9681	23.022	5.15712	1
cg04138181	0.000471295	0.0241042	-41.4866	?	?	?	?	?	?	0.000824111	0.0336766	-29.6942	24.4609	83.2495	4.76472	1
cg03400583	0.0128081	1.51023	1.51023	0.00250361	1.75059	1.75059	0.0532929	1.34012	1.34012	0.558914	0.924212	-1.082	8.9371	2.51687	0.250329	1
cg01965475	0.331277	1.08287	1.08287	0.00022617	1.62748	1.62748	0.275649	1.09425	1.09425	0.597076	0.958516	-1.04328	6.4715	0.646526	0.0888033	1
cg05657488	0.0133866	0.708165	-1.4121	0.000791082	0.564817	-1.77048	0.774275	0.968126	-1.03292	0.47554	0.921516	-1.08517	4.89067	0.982986	0.17866	1
cg27170015	0.10793	0.53079	-1.88398	0.0073898	0.287567	-3.47745	0.010907	0.315401	-3.17057	0.558886	0.807804	-1.23792	4.46903	9.22881	1.83561	1
cg06351965	0.707986	1.1018	1.1018	0.0064543	0.401487	-2.49074	0.730584	0.914787	-1.09315	0.0949923	1.60436	1.60436	3.68911	3.87877	0.934586	1
cg01585094	0.440681	0.840464	-1.18982	0.020266	1.85647	1.85647	0.87346	1.03586	1.03586	0.877284	0.966422	-1.03474	3.54079	2.73977	0.687799	1
cg06240124	0.769712	0.948357	-1.05445	0.0194934	0.600489	-1.66531	0.270135	0.812691	-1.23048	0.963986	0.991877	-1.00819	3.49124	1.80399	0.459306	1
cg17658244	0.769193	0.948028	-1.05482	0.0232597	1.6355	1.6355	0.221985	1.26215	1.26215	0.769917	0.948193	-1.05464	6.71756	3.50032	0.463173	1
cg20043466	0.585076	1.08591	1.08591	0.492347	1.10987	1.10987	0.613896	1.07902	1.07902	0.0335396	1.44951	1.44951	6.48781	2.2963	0.314614	1
cg26827893	0.154035	0.657984	-1.51979	0.0109892	0.416777	-2.39936	0.00375208	0.341902	-2.92482	0.036792	0.514099	-1.94515	6.28083	7.48428	1.05921	1
cg24863056	0.0688035	0.6575	-1.52091	0.00228378	0.415519	-2.40663	0.107005	1.43658	1.43658	0.232156	1.29432	1.29432	4.69458	3.15171	0.596757	1
cg18185971	0.0257874	0.228693	-4.37267	0.00709605	0.14392	-6.94832	0.58599	0.736026	-1.35865	0.0670181	0.318511	-3.13961	4.07151	20.0264	4.37216	1
cg11574758	0.0477033	0.752776	-1.32842	0.324847	0.880279	-1.136	0.0813794	0.784829	-1.27416	0.695046	1.05065	1.05065	3.98365	0.99248	0.221456	1
cg14507193	0.97665	0.991454	-1.00862	?	?	?	?	?	?	?	?	?	32.3146	26.9295	0.694462	1
cg07479092	0.00302782	0.329988	-3.03042	0.239576	1.39936	1.39936	0.175682	1.48124	1.48124	0.883123	0.960658	-1.04095	3.90292	4.6018	1.04806	1
cg22849482	0.00573424	0.499587	-2.00165	0.0486813	0.649552	-1.53952	0.175245	1.31816	1.31816	0.0164872	1.75319	1.75319	4.60015	2.67527	0.516942	1
cg14225544	0.0132907	1.27262	1.27262	0.0200526	0.802136	-1.24667	0.494228	1.05607	1.05607	0.27939	1.09239	1.09239	4.3498	0.425413	0.086934	1
cg08854582	0.544054	0.901398	-1.10939	0.000111388	0.317021	-3.15437	0.465597	0.882027	-1.13375	0.795306	1.04493	1.04493	7.64142	3.45863	0.402326	1
cg14177943	0.222413	0.895119	-1.11717	0.00889708	0.750036	-1.33327	0.470087	0.938476	-1.06556	0.612125	0.956779	-1.04517	5.33138	0.630457	0.105115	1
cg07368443	0.116091	0.645035	-1.5503	0.417365	1.23711	1.23711	0.123649	1.53438	1.53438	0.89389	1.03486	1.03486	4.0435	4.221	0.92791	1
cg07753711	0.984975	0.996181	-1.00383	0.462745	0.859073	-1.16405	0.00722128	0.494352	-2.02285	0.0336231	0.603918	-1.65585	44.7569	29.2728	0.58137	1
cg00608362	0.86761	1.03609	1.03609	0.324511	0.805543	-1.2414	0.080914	1.50882	1.50882	0.784541	1.05998	1.05998	14.7355	10.5415	0.635894	1
cg02994288	0.000457247	0.710009	-1.40843	8.32E-05	0.64431	-1.55205	0.185817	1.09095	1.09095	0.00471739	0.792183	-1.26233	13.2919	0.810526	0.0542037	1
cg20088535	0.973186	1.00596	1.00596	0.00561325	2.0437	2.0437	0.094938	1.39954	1.39954	0.00314628	2.2407	2.2407	18.2831	8.63139	0.314732	1
cg06015521	0.561544	0.804714	-1.24268	0.000296762	0.113011	-8.84872	0.844213	0.929767	-1.07554	0.0203176	0.355079	-2.81627	7.7015	16.7105	1.92868	1
cg22112850	0.174681	1.418	1.418	0.000522821	0.270322	-3.6993	0.155488	1.44438	1.44438	0.495682	1.18217	1.18217	5.24009	4.85676	0.823864	1
cg00851261	2.93E-05	0.16572	-6.03427	2.09E-06	0.0772212	-12.9498	0.00768367	0.471598	-2.12045	6.27E-05	0.198353	-5.04153	42.0512	32.0637	0.67777	1
cg02789965	0.00119485	0.156276	-6.39894	0.431473	0.730637	-1.36867	0.178746	0.572133	-1.74784	0.000456223	0.115538	-8.65519	21.4324	46.1005	2.15097	1
cg27277620	0.000725153	0.33342	-2.99922	3.19E-05	0.177298	-5.64021	0.408895	1.19778	1.19778	0.00409428	0.439093	-2.27742	13.9495	10.086	0.642701	1
cg03404027	0.73916	1.15717	1.15717	0.000532513	0.0948381	-10.5443	0.704692	1.18097	1.18097	0.146658	0.506348	-1.97493	5.05116	15.2663	2.68652	1
cg11293190	0.0832818	3.80827	3.80827	0.00513258	0.075912	-13.1732	0.504992	1.60284	1.60284	0.550124	0.655952	-1.5245	4.06386	31.3051	6.84736	1
cg09760057	0.198096	0.483623	-2.06773	0.0097282	0.174389	-5.7343	0.0575451	0.317576	-3.14885	0.146929	0.435465	-2.2964	3.80962	17.2089	4.01531	1
cg05308639	0.864806	0.952037	-1.05038	0.00317275	0.312708	-3.19787	0.0185653	0.438971	-2.27806	0.482307	0.813856	-1.22872	3.71514	4.89508	1.1712	1
cg04439516	0.00574285	0.546406	-1.83014	0.0794805	1.38396	1.38396	0.0357897	1.50349	1.50349	0.385917	0.862101	-1.15996	18.404	8.12276	0.392318	1
cg05100596	0.662457	0.919492	-1.08756	0.923797	1.01845	1.01845	0.565887	0.895029	-1.11728	0.652669	1.09043	1.09043	6.34029	3.66666	0.514055	1
cg02916932	0.0704365	4.48595	4.48595	?	?	?	0.404064	0.530583	-1.88472	0.233894	2.52533	2.52533	4.78986	37.1567	7.75738	1
cg26879945	0.00184075	9.31288	9.31288	0.356304	0.619641	-1.61384	0.785278	1.1477	1.1477	0.242933	1.85228	1.85228	4.22179	17.0152	3.5825	1
cg11965966	0.000611018	0.541006	-1.84841	8.38E-07	0.216532	-4.61826	0.561969	1.07061	1.07061	0.152366	0.836609	-1.1953	25.4561	5.45932	0.190631	1
cg03529003	0.0753278	1.45011	1.45011	0.000665287	0.376115	-2.65876	0.0469403	0.65256	-1.53243	0.119398	0.728203	-1.37324	7.80162	4.35262	0.495922	1
cg11469137	0.139207	0.574266	-1.74135	0.0167308	0.361376	-2.7672	0.0323536	0.417592	-2.39468	0.199985	0.623851	-1.60295	5.05797	9.72967	1.70989	1
cg15603548	0.00694721	0.177548	-5.63229	0.371914	0.63527	-1.57413	0.141501	0.457289	-2.1868	0.011311	0.208079	-4.80587	4.76785	18.4953	3.44816	1
cg05132283	0.594499	0.896191	-1.11583	0.00479634	0.466009	-2.14588	0.0723461	0.66427	-1.50541	0.303405	0.804567	-1.2429	3.56236	2.34778	0.585823	1
cg18543991	0.00683173	0.386568	-2.58687	6.49E-05	0.136685	-7.31612	0.27235	0.733503	-1.36332	0.000185661	0.180465	-5.54126	17.8511	20.8034	1.0359	1
cg08204129	0.0257256	0.44739	-2.23519	0.00157137	0.251871	-3.97028	0.163448	1.57084	1.57084	0.00015762	0.140467	-7.11911	16.2159	23.6785	1.29796	1
cg15726045	0.00157744	0.169907	-5.88559	0.000723278	0.134176	-7.45292	0.344844	1.46232	1.46232	0.0344127	0.381496	-2.62126	9.53446	23.0363	2.14765	1
cg22234419	0.925097	0.965244	-1.03601	0.000801314	0.149016	-6.71069	0.883916	0.946524	-1.0565	0.0127507	0.312209	-3.20298	8.04455	18.0292	1.99215	1
cg18986651	0.0242523	2.25212	2.25212	0.679693	1.13371	1.13371	0.000963409	4.41826	4.41826	0.0434815	2.01739	2.01739	5.70928	8.26151	1.28625	1
cg11734112	0.236466	1.34519	1.34519	0.186323	0.715395	-1.39783	0.265153	1.31996	1.31996	0.0123144	0.474679	-2.10669	5.22543	4.72928	0.80449	1
cg08451977	0.345894	0.780968	-1.28046	0.00888572	2.33489	2.33489	0.447556	1.21791	1.21791	0.378479	0.794438	-1.25875	7.56242	7.76842	0.913102	1
cg22362802	0.500085	0.707234	-1.41396	0.755914	0.854027	-1.17092	0.00342051	0.133624	-7.48371	0.0828272	0.378332	-2.64318	4.41315	17.8984	3.60506	1
cg25653341	0.0504352	0.37433	-2.67144	0.0105013	0.241916	-4.13367	0.0336055	0.334934	-2.98566	0.0798832	0.424663	-2.35481	4.40115	13.5376	2.73416	1
cg27039626	0.899963	1.01873	1.01873	0.00298956	0.548276	-1.8239	0.0482073	1.3954	1.3954	0.562106	1.09035	1.09035	3.39352	1.17044	0.306583	1
cg26197836	0.414642	1.41337	1.41337	0.00459829	4.78268	4.78268	0.00498745	4.67356	4.67356	0.899568	1.05378	1.05378	9.66173	26.3417	2.42346	1
cg03031520	0.0944581	2.41736	2.41736	0.0101784	4.73997	4.73997	0.00718473	5.29236	5.29236	0.0716856	2.62643	2.62643	5.52666	20.1807	3.24579	1
cg08762253	0.136363	2.94444	2.94444	0.00311123	15.2017	15.2017	0.00628157	10.9753	10.9753	0.0608077	4.14628	4.14628	5.05215	36.2323	6.37481	1
cg16497626	0.216983	2.26766	2.26766	0.00845479	8.32461	8.32461	0.0157092	6.46296	6.46296	0.0598634	3.81232	3.81232	3.95608	24.8905	5.59263	1
cg10542519	0.102293	0.619348	-1.6146	0.119406	0.635853	-1.57269	0.493795	0.830112	-1.20466	0.00289408	0.333752	-2.99624	8.79291	9.9979	1.0107	1
cg24411090	0.12905	0.651759	-1.53431	0.00409267	0.365896	-2.73302	0.468379	1.21234	1.21234	0.0736997	0.594316	-1.68261	7.18253	7.74843	0.958923	1
cg05040675	0.0488253	0.322497	-3.10081	0.00106991	0.0879176	-11.3743	0.352288	0.617878	-1.61844	0.071953	0.36408	-2.74665	5.71596	22.9044	3.56186	1
cg01985106	0.112724	0.453731	-2.20395	0.00418455	0.172696	-5.79051	0.532432	0.74869	-1.33567	0.0647788	0.386987	-2.58407	4.03519	13.389	2.94938	1
cg07850338	0.879284	1.01977	1.01977	0.0173603	0.688495	-1.45244	0.240647	0.853621	-1.17148	0.975044	0.995978	-1.00404	4.83584	1.27129	0.23368	1
cg00137209	0.0156791	0.713074	-1.40238	0.85752	0.979691	-1.02073	4.28E-06	3.36062	3.36062	0.000540935	1.84812	1.84812	91.2502	18.8386	0.183511	1
cg20824294	0.0256955	0.222089	-4.5027	0.00237347	0.0901326	-11.0948	0.0180789	0.195825	-5.1066	0.0250734	0.220159	-4.54216	6.349	32.4266	4.53987	1
cg00063773	0.864064	0.948538	-1.05425	0.0314347	0.459279	-2.17733	0.00119064	4.32725	4.32725	0.401538	1.30308	1.30308	5.27947	7.94874	1.33831	1
cg24278076	0.351059	0.854855	-1.16979	3.10E-06	0.163559	-6.11402	0.0067393	1.77535	1.77535	0.867001	0.972985	-1.02777	21.6233	9.14315	0.375856	1
cg16943427	0.0588293	1.47522	1.47522	0.932416	0.984665	-1.01557	0.17146	1.30377	1.30377	0.763305	0.946461	-1.05657	5.55256	2.91909	0.467307	1
cg21539234	0.00522192	0.592743	-1.68707	0.159115	1.2381	1.2381	0.643931	1.06829	1.06829	0.625152	1.07238	1.07238	24.8943	7.9416	0.283566	1
cg08990057	0.616702	0.867242	-1.15308	0.0509972	0.533982	-1.87272	0.700187	1.1154	1.1154	0.57618	1.1728	1.1728	13.0127	16.4187	1.12155	1
cg12289482	0.00829149	3.33759	3.33759	0.000275465	0.11921	-8.38852	0.214701	1.59427	1.59427	0.207353	0.622011	-1.60769	10.4826	21.17	1.79515	1
cg18134562	0.375998	0.76136	-1.31344	0.0565622	0.523221	-1.91124	0.181436	1.53071	1.53071	0.82546	0.935868	-1.06853	7.96836	11.3654	1.26783	1
cg16524492	0.523569	1.16043	1.16043	0.000376053	0.270213	-3.70078	0.453859	0.838945	-1.19197	0.254009	0.760208	-1.31543	5.22615	4.3849	0.745805	1
cg05052271	0.485739	1.4175	1.4175	0.000586302	0.073025	-13.6939	0.408807	1.51606	1.51606	0.793712	1.13778	1.13778	4.9798	19.1343	3.41545	1
cg10800483	0.203132	1.66437	1.66437	0.0140447	3.15793	3.15793	0.0148534	3.11527	3.11527	0.188312	1.69659	1.69659	4.34649	9.89924	2.02447	1
cg12546167	0.54333	1.21894	1.21894	0.00456057	3.37266	3.37266	0.308136	1.40421	1.40421	0.0513389	2.04215	2.04215	8.42927	13.8262	1.458	1
cg04755045	0.00724222	2.6127	2.6127	0.991663	1.0029	1.0029	0.614206	0.86859	-1.15129	0.854387	0.950354	-1.05224	7.49363	9.11797	1.08157	1
cg03512369	0.0714771	2.37172	2.37172	0.0194965	3.35824	3.35824	0.00851899	4.22267	4.22267	0.0841975	2.26981	2.26981	3.90552	11.3866	2.59156	1
cg11616384	0.221718	1.60626	1.60626	0.973991	1.0121	1.0121	0.095627	1.96487	1.96487	0.239546	0.63481	-1.57528	3.48105	7.50595	1.91665	1
cg14148265	0.0402172	2.81386	2.81386	0.0174484	3.53627	3.53627	0.0129869	3.84013	3.84013	0.501607	1.34673	1.34673	3.7938	10.1748	2.68195	1
cg15437043	0.396427	1.14365	1.14365	5.02E-05	0.308669	-3.23972	0.479008	0.894725	-1.11766	0.000331697	0.408412	-2.44851	14.3092	5.41446	0.336346	1
cg22683259	0.138851	1.3535	1.3535	0.0361605	1.58868	1.58868	0.035132	1.59411	1.59411	0.860078	1.03409	1.03409	11.2944	6.45712	0.508186	1
cg27133310	0.000716234	1.63899	1.63899	0.0191286	1.3126	1.3126	0.547751	0.943316	-1.06009	0.00670401	1.4012	1.4012	9.88935	1.44131	0.12955	1
cg18778727	0.0338615	0.462924	-2.16018	0.0154765	0.397147	-2.51796	0.0504623	1.99992	1.99992	0.0111513	0.371932	-2.68867	7.68748	11.7686	1.36078	1
cg06981309	0.0231214	0.276037	-3.6227	0.00146905	0.113475	-8.81252	0.456175	1.43288	1.43288	0.00935298	0.209694	-4.76886	6.98293	24.8426	3.16233	1
cg25729907	0.0105746	1.9711	1.9711	0.000574386	3.07937	3.07937	0.876179	1.03345	1.03345	0.192453	1.33791	1.33791	6.53809	4.61108	0.626901	1
cg00264433	0.0159213	0.38647	-2.58753	0.00908132	0.343818	-2.90851	0.0702696	0.521193	-1.91867	0.00672695	0.322488	-3.10089	6.53306	10.7306	1.46001	1
cg14795253	0.0253005	0.320523	-3.1199	0.00750462	0.229397	-4.35926	0.818282	1.10347	1.10347	0.104295	0.467782	-2.13775	4.4863	13.0062	2.57698	1
cg18686270	0.0844224	0.377724	-2.64744	0.00685186	0.167609	-5.96627	0.965597	1.02224	1.02224	0.0151854	0.218459	-4.57752	4.18279	17.2341	3.66243	1
cg20708892	0.0327328	0.62071	-1.61106	0.0535727	0.65807	-1.5196	0.40851	0.850983	-1.17511	0.822706	1.04377	1.04377	3.40468	1.96463	0.512924	1
cg21569635	0.0024122	0.511856	-1.95368	0.00176423	0.49363	-2.02581	0.839577	1.03264	1.03264	0.000278709	0.389752	-2.56574	33.2206	13.2135	0.353556	1
cg15847988	1.19E-06	0.136483	-7.32694	0.0401789	1.45619	1.45619	0.0198976	1.56131	1.56131	0.321202	0.850048	-1.1764	26.7107	10.6299	0.353748	1
cg24607783	0.773907	1.06263	1.06263	1.34E-06	0.073588	-13.5892	0.0391596	1.65432	1.65432	0.00071813	0.337632	-2.96181	25.8259	18.1933	0.626187	1
cg08140542	0.11517	0.775195	-1.29	0.0194388	1.522	1.522	0.23872	0.832398	-1.20135	0.00120176	0.49397	-2.02441	16.5523	5.79376	0.311135	1
cg24092307	0.0276739	0.440181	-2.27179	0.050418	0.495152	-2.01958	0.00877447	2.86376	2.86376	0.203943	0.655324	-1.52596	11.409	17.9535	1.39877	1
cg00328813	0.0362446	1.59812	1.59812	0.0299128	1.63537	1.63537	0.00794141	0.519257	-1.92583	0.00047033	0.347096	-2.88105	10.2548	6.02108	0.521907	1
cg19917720	0.0051492	2.0603	2.0603	0.61398	0.90528	-1.10463	0.913785	1.02141	1.02141	0.593598	1.11114	1.11114	9.60635	5.82399	0.538902	1
cg02128651	0.0370907	0.422967	-2.36425	0.400834	0.736615	-1.35756	0.285486	1.4834	1.4834	0.873997	0.945147	-1.05804	8.77387	17.5591	1.77893	1
cg04442406	0.19782	0.610508	-1.63798	0.151534	0.572883	-1.74556	0.516602	0.787883	-1.26922	0.443738	0.753459	-1.32721	7.87952	16.4013	1.85022	1
cg03075662	0.00858217	0.253231	-3.94897	0.272585	0.626359	-1.59653	0.999384	0.999684	-1.00032	0.00459676	0.213223	-4.68992	4.0762	10.8356	2.3629	1
cg20960953	0.094053	0.636991	-1.56988	0.0324219	0.541446	-1.84691	0.267574	0.753572	-1.32701	0.0143701	0.477465	-2.0944	3.71572	3.53176	0.844881	1
cg16534163	0.88549	0.979312	-1.02113	2.22E-06	0.186378	-5.36544	0.542554	1.09355	1.09355	2.95E-06	0.198278	-5.04342	33.8152	11.2718	0.296298	1
cg13775913	0.144789	0.832938	-1.20057	0.00100028	1.76876	1.76876	0.319621	0.886886	-1.12754	0.00201002	1.66318	1.66318	19.555	4.21908	0.191782	1
cg26114392	0.0154387	0.456309	-2.1915	0.00255697	0.331333	-3.01812	0.224468	1.40057	1.40057	0.0769722	0.594991	-1.6807	7.96009	8.78733	0.981266	1
cg10651007	0.177979	0.646343	-1.54717	0.0521554	0.509927	-1.96107	0.272228	1.41688	1.41688	0.0616419	0.526329	-1.89995	4.6667	6.87114	1.30878	1
cg23633635	0.11067	1.35435	1.35435	0.149212	1.30983	1.30983	0.0728243	1.41796	1.41796	0.1101	1.35512	1.35512	3.98807	1.92337	0.428695	1
cg16862762	0.149156	0.775524	-1.28945	0.00808026	0.572652	-1.74626	0.153803	1.28524	1.28524	0.0531038	1.435	1.435	3.84364	1.64407	0.380212	1
cg00494556	0.904218	0.969319	-1.03165	0.250472	0.732824	-1.36458	0.284506	0.749921	-1.33347	0.0244743	0.499678	-2.00129	4.44689	4.7192	0.943321	1
cg26787035	0.827812	1.05291	1.05291	0.382288	0.808912	-1.23623	0.0113293	2.11802	2.11802	0.00893761	2.19706	2.19706	4.79167	4.25095	0.788581	1
cg13016179	0.000295442	0.0238615	-41.9084	0.252683	0.495547	-2.01797	0.11471	2.75787	2.75787	0.440867	1.58433	1.58433	8.25416	43.605	4.10884	1
cg24353651	0.0162749	1.17369	1.17369	0.0082577	1.20216	1.20216	0.0162939	0.85205	-1.17364	0.670699	1.02359	1.02359	4.54449	0.21384	0.0418265	1
cg09863247	0.000301873	0.557258	-1.7945	0.413401	1.08678	1.08678	0.333204	0.905437	-1.10444	1.76E-07	4.95395	4.95395	48.4349	7.59742	0.13943	1
cg01108800	0.88299	0.981863	-1.01847	0.00039089	0.495373	-2.01868	0.940761	1.00928	1.00928	0.00457839	0.625534	-1.59863	9.97132	2.4392	0.217442	1
cg11191337	0.577592	1.15065	1.15065	0.000960246	3.40992	3.40992	0.0556715	0.582249	-1.71748	0.0470029	1.7631	1.7631	6.68996	6.59215	0.875893	1
cg21602257	0.343142	1.33869	1.33869	0.724995	0.899881	-1.11126	0.083296	1.77293	1.77293	0.650493	0.87264	-1.14595	4.34333	6.13648	1.25587	1
cg27280575	0.331897	0.672199	-1.48765	?	?	?	0.177481	0.566276	-1.76592	0.885356	1.05891	1.05891	4.2514	9.42287	2.21641	1
cg23611945	0.127158	0.620444	-1.61175	0.0145489	0.418599	-2.38892	0.761387	0.91565	-1.09212	0.243169	0.702323	-1.42385	4.1745	5.53495	1.17857	1
cg20105087	0.30406	1.17041	1.17041	0.635807	1.07307	1.07307	0.00177306	0.51788	-1.93095	0.424183	0.886334	-1.12824	3.9813	1.37801	0.307664	1
cg17152789	0.245815	0.746338	-1.33988	0.0204498	0.510025	-1.96069	0.211796	0.728294	-1.37307	0.0184635	0.50214	-1.99148	3.67889	3.38521	0.817928	1
cg01236081	0.151596	0.771018	-1.29699	0.95412	0.990309	-1.00979	0.668996	1.07551	1.07551	0.565344	0.906313	-1.10337	3.54213	1.60716	0.403312	1
cg06768188	0.492515	0.765567	-1.30622	0.0100428	0.287845	-3.47409	0.62532	0.828106	-1.20758	0.0818214	0.477558	-2.09398	3.61135	8.40107	2.06782	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20893898	PLUNC;PLUNC	1.51E-05	0.000540102	0.508141	-1.96796	0.304633	0.874801	-1.14312	1.25E-06	0.207989	-4.80795	0.696004	0.951795	-1.05065	7.43E-05	0.404259	-2.47366	8.43E-06	0.295028	-3.3895	3.65E-05	0.367829	-2.71865	0.0193801	0.70066	-1.42722	0.00103763	0.542712	-1.8426	36.4477	9.13853	0.222871	1
cg06576557	PLUNC;PLUNC	0.00214916	0.337801	0.664333	-1.50527	0.000342796	0.092	-10.8696	0.00356935	0.195185	-5.12334	0.0915539	0.463498	-2.15751	0.00269857	0.179839	-5.56052	0.0372769	0.367679	-2.71976	0.000748141	0.120369	-8.3078	0.00846945	0.248797	-4.01933	0.0082562	0.247071	-4.04743	9.44162	25.6146	2.4115	1
cg17884201	PLUNC;PLUNC	0.00304447	0.5416	0.822525	-1.21577	0.0316795	0.450938	-2.2176	0.000917126	0.208797	-4.78934	0.521579	0.814318	-1.22802	0.000132829	0.123061	-8.12605	0.0248814	0.429906	-2.32609	0.0450329	0.483236	-2.06938	0.237398	0.676127	-1.47901	0.015943	0.393305	-2.54256	8.52083	13.492	1.40748	1
cg10655041	PLUNC;PLUNC	0.00338984	0.000358547	0.089929	-11.1199	0.2986	0.635582	-1.57336	0.018582	0.301041	-3.3218	0.186639	0.554946	-1.80198	0.000217835	0.0747346	-13.3807	0.0994181	0.4678	-2.13767	0.0701279	0.426683	-2.34366	0.148559	0.521104	-1.919	0.0405717	0.369805	-2.70413	8.25235	23.1273	2.49113	1
cg11846968	PLUNC;PLUNC	0.00345966	0.0240768	0.577673	-1.73108	0.000912635	0.363789	-2.74884	0.00277812	0.43117	-2.31927	0.11917	0.708277	-1.41188	0.00349416	0.445671	-2.24381	0.0202263	0.564885	-1.77027	0.149127	1.37098	1.37098	0.0043429	0.459626	-2.17568	0.172082	0.743442	-1.34509	8.20221	5.40389	0.58563	1
cg19059861	PLUNC;PLUNC	0.01623	0.115015	0.477603	-2.09379	0.00478688	0.198966	-5.02598	0.00930089	0.241034	-4.14879	0.568139	0.779756	-1.28245	0.0100226	0.246171	-4.06222	0.148622	0.512712	-1.95041	0.0537739	0.388953	-2.57101	0.00463626	0.197094	-5.07371	0.0258881	0.319644	-3.12848	5.04696	14.8628	2.61769	1
cg02657441	PLUNC;PLUNC	0.017233	0.0471635	0.314588	-3.17876	0.00394224	0.138803	-7.20446	0.00661936	0.166162	-6.01823	0.0324352	0.279427	-3.57875	0.0316866	0.277363	-3.60538	0.0236032	0.252518	-3.96012	0.0137294	0.211949	-4.71812	0.0249721	0.25711	-3.88939	0.112932	0.415408	-2.40727	4.9469	20.312	3.64978	1
cg10178628	PLVAP	2.36E-05	1.30E-05	0.114213	-8.75554	0.0172128	0.535337	-1.86798	0.000665481	0.311358	-3.21174	0.000178092	0.234959	-4.25605	5.33E-06	0.0838035	-11.9327	0.000116605	0.212448	-4.70703	3.45E-06	0.0710505	-14.0745	0.00133973	0.355435	-2.81345	0.00244591	0.395145	-2.53071	44.5068	30.022	0.524648	1
cg24459561	PLVAP	3.15E-05	0.587276	0.918094	-1.08921	0.03297	0.677822	-1.47531	0.27675	0.838286	-1.19291	0.0840889	1.34719	1.34719	2.11E-05	0.262835	-3.80467	0.0180085	0.63884	-1.56534	1.31E-06	0.14464	-6.91373	0.000162689	0.366658	-2.72734	0.839916	0.968955	-1.03204	30.0678	11.5783	0.342286	1
cg15219347	PLVAP	0.000760886	0.101405	0.615357	-1.62507	0.000202204	0.184955	-5.40672	0.000356743	0.211956	-4.71797	0.00662815	0.38518	-2.59619	0.000436185	0.222023	-4.50404	0.0576729	0.559294	-1.78797	0.0125913	0.431728	-2.31627	0.000618312	0.240125	-4.1645	0.00805341	0.398936	-2.50667	12.71	14.7534	1.0318	1
cg26817371	PLVAP	0.00365979	0.0239027	0.273517	-3.65608	0.00287187	0.139084	-7.18993	0.0169975	0.246592	-4.05527	0.015116	0.237877	-4.20385	0.00102944	0.0963725	-10.3764	0.0239437	0.273659	-3.65419	0.00741353	0.190287	-5.25521	0.000976416	0.0944807	-10.5842	0.0204387	0.260848	-3.83366	8.0652	29.5561	3.25746	1
cg01662455	PLVAP	0.00484475	0.858185	1.04856	1.04856	0.527114	0.843765	-1.18516	0.0649059	0.577201	-1.7325	0.000847008	0.264478	-3.78103	0.0011061	0.279523	-3.57752	0.591223	1.15458	1.15458	0.00400189	0.358643	-2.78829	0.276995	0.741002	-1.34952	0.0171977	0.46318	-2.15899	7.40953	8.24815	0.989493	1
cg23881613	PLVAP	0.00512084	0.22705	1.64755	1.64755	0.132467	0.527743	-1.89486	0.360665	1.44768	1.44768	0.600669	1.23113	1.23113	0.00152376	0.165822	-6.03057	0.127796	0.522982	-1.91211	0.000379345	0.106962	-9.34914	0.597674	1.23327	1.23327	0.827358	0.917605	-1.08979	7.28525	17.8835	2.182	1
cg18102633	PLVAP	0.00786419	0.0753431	1.8877	1.8877	0.0412461	0.469743	-2.12882	0.00235576	0.256254	-3.90237	0.206544	1.53344	1.53344	0.649923	0.863618	-1.15792	0.211674	0.655596	-1.52533	0.00213416	0.250422	-3.99326	0.347479	1.36399	1.36399	0.358572	1.35384	1.35384	6.3784	10.4022	1.44965	1
cg09904304	PLVAP	0.00998653	0.0194776	0.365101	-2.73897	0.0122252	0.328323	-3.04578	0.128164	0.556117	-1.79818	0.0246722	0.385025	-2.59723	0.00445344	0.258304	-3.8714	0.0696199	0.484808	-2.06267	0.00169915	0.20203	-4.94977	0.00724786	0.290538	-3.4419	0.0430745	0.435849	-2.29437	5.91317	11.9211	1.79203	1
cg05613364	PLVAP	0.0152962	0.0220017	1.44096	1.44096	0.800469	1.03425	1.03425	0.672637	0.945053	-1.05814	0.837486	1.02769	1.02769	0.00848059	0.639644	-1.56337	0.787742	0.96475	-1.03654	0.00598178	0.620155	-1.6125	0.0244501	1.42831	1.42831	0.890809	1.01843	1.01843	5.14728	1.44153	0.24894	1
cg18302786	PLVAP	0.0174803	0.274605	0.706764	-1.4149	0.0250356	0.443102	-2.25682	0.0301687	0.459174	-2.17783	0.118656	0.596209	-1.67726	0.0332641	0.467793	-2.1377	0.221563	0.675514	-1.48035	0.000671709	0.204271	-4.89546	0.0208656	0.427865	-2.33719	0.430935	0.782367	-1.27817	4.92333	7.2684	1.31228	1
cg24431229	PLVAP	0.0198562	0.71535	1.10462	1.10462	0.0755656	0.584274	-1.71152	0.0137788	0.437311	-2.2867	0.0139441	0.438221	-2.28195	0.00225959	0.313205	-3.19279	0.0323279	0.506196	-1.97552	0.525996	1.19072	1.19072	0.236894	0.714158	-1.40025	0.197465	0.690661	-1.44789	4.7161	5.51233	1.03896	1
cg01610636	PLVAP	0.0495958	0.723348	0.954403	-1.04778	0.579104	0.929069	-1.07635	0.0260729	1.41442	1.41442	0.0778259	1.29346	1.29346	0.113152	0.797411	-1.25406	0.0924765	0.784172	-1.27523	0.0308639	1.39496	1.39496	0.911221	0.985461	-1.01475	0.198748	0.836676	-1.19521	3.3986	0.928024	0.242721	1
cg10709246	PLVAP;PLVAP	0.00207316	0.643015	0.886034	-1.12863	0.0931955	0.619554	-1.61406	0.0353293	0.52974	-1.88772	0.285363	0.750013	-1.33331	0.000995243	0.281484	-3.55261	0.132812	1.52263	1.52263	0.000148049	0.184325	-5.42519	0.0149577	0.4604	-2.17202	0.010858	0.4364	-2.29148	9.54142	10.156	0.946139	1
cg21701585	PLXDC1	4.01E-05	0.0768133	1.38412	1.38412	2.95E-05	3.86559	3.86559	0.0793961	0.724953	-1.3794	0.00219693	2.03246	2.03246	5.82E-06	0.185674	-5.38579	0.0831234	1.37287	1.37287	0.33688	1.17769	1.17769	0.00240739	2.01033	2.01033	0.930826	0.985761	-1.01444	28.2138	12.1921	0.38412	1
cg05226061	PLXDC1	7.68E-05	0.0287724	0.542635	-1.84286	8.62E-06	9.90243	9.90243	0.156588	1.43218	1.43218	0.00370989	2.53288	2.53288	0.00402497	0.40015	-2.49907	0.0796055	1.58597	1.58597	0.506495	0.852337	-1.17324	0.000200453	0.227731	-4.39115	0.0257339	1.87363	1.87363	23.7576	21.143	0.791063	1
cg06745656	PLXDC1	8.84E-05	0.0365437	0.627076	-1.5947	0.00107135	0.39527	-2.52992	0.00546673	0.4957	-2.01735	0.0120333	0.547972	-1.82491	0.0206347	0.585432	-1.70814	0.000665355	0.36764	-2.72005	2.04E-06	0.105634	-9.46663	0.00129826	0.40663	-2.45924	0.000206147	0.303032	-3.29998	22.8839	13.3697	0.519324	1
cg05652225	PLXDC1	0.000528617	0.897679	1.02524	1.02524	0.812138	0.954923	-1.04721	0.0069473	0.508337	-1.9672	0.00367892	0.467362	-2.13967	3.36E-05	0.210656	-4.74707	0.000190562	0.29577	-3.38101	0.00393237	0.471582	-2.12052	0.708627	0.929858	-1.07543	0.257238	0.795281	-1.25742	14.0714	8.36391	0.528347	1
cg02048377	PLXDC1	0.000695318	0.486128	1.16233	1.16233	0.0139976	1.90602	1.90602	0.244258	0.77187	-1.29556	0.0277279	1.7386	1.7386	0.000102092	0.231646	-4.31693	0.208176	0.754229	-1.32586	0.00918345	0.495032	-2.02007	0.00146065	2.65621	2.65621	0.541708	0.87695	-1.14032	13.0354	9.32785	0.636068	1
cg16106360	PLXDC1	0.0179504	0.076538	0.451822	-2.21326	0.00278914	5.27052	5.27052	0.836748	1.08676	1.08676	0.00331142	5.01826	5.01826	0.574364	0.795461	-1.25713	0.952333	1.0244	1.0244	0.936915	1.03244	1.03244	0.982629	1.00882	1.00882	0.101452	2.06087	2.06087	4.87965	12.5671	2.28925	1
cg24724583	PLXDC1	0.0215785	0.00414218	3.87449	3.87449	0.152499	1.71597	1.71597	0.225087	1.56665	1.56665	0.0471239	2.22661	2.22661	0.319097	1.43734	1.43734	0.215668	1.58273	1.58273	0.463823	1.30046	1.30046	0.00279791	4.2696	4.2696	0.00725803	3.38831	3.38831	4.58424	9.0137	1.74777	1
cg26209416	PLXDC1	0.0322551	0.0622795	0.508894	-1.96505	0.507276	1.24178	1.24178	0.00977041	0.34934	-2.86254	0.879144	0.952202	-1.0502	0.0033223	0.276137	-3.62139	0.491464	0.798575	-1.25223	0.724638	1.12058	1.12058	0.496969	0.800924	-1.24856	0.0335503	0.449664	-2.22388	3.98254	6.53516	1.45862	1
cg19269104	PLXDC1	0.0431559	0.696781	1.14286	1.14286	0.325168	1.41403	1.41403	0.00154417	0.211629	-4.72526	0.601089	0.835366	-1.19708	0.139109	0.581085	-1.72092	0.543994	1.23297	1.23297	0.108422	0.550377	-1.81694	0.114881	0.557314	-1.79432	0.681043	0.868546	-1.15135	3.58103	6.59472	1.63695	1
cg09192572	PLXDC1	0.043971	0.559089	1.10299	1.10299	0.507091	1.11815	1.11815	0.0113665	1.69182	1.69182	0.343015	0.85036	-1.17597	0.703429	1.06552	1.06552	0.128125	1.31381	1.31381	0.0167693	1.62314	1.62314	0.597904	1.09233	1.09233	0.00697126	1.78452	1.78452	3.55614	1.55069	0.387609	1
cg04318534	PLXDC2	3.38E-06	0.427249	0.920405	-1.08648	0.0358484	0.778918	-1.28383	0.0456958	1.26417	1.26417	0.257424	0.886093	-1.12855	1.76E-05	2.45623	2.45623	0.365792	0.909303	-1.09974	0.0148589	0.735956	-1.35878	6.62E-08	6.45205	6.45205	0.809985	0.975653	-1.02495	53.6844	8.90192	0.147395	1
cg15657225	PLXDC2	4.46E-05	0.266821	0.919357	-1.08772	0.000205971	0.636457	-1.5712	8.67E-05	0.599418	-1.66829	0.031107	1.20188	1.20188	5.42E-05	0.578764	-1.72782	0.264954	0.919029	-1.0881	0.000286023	1.53797	1.53797	0.000106064	0.608137	-1.64437	0.157646	0.896004	-1.11607	27.4327	2.29493	0.0743617	1
cg01178070	PLXDC2	0.000165889	9.24E-05	0.194615	-5.13836	0.00752544	0.446363	-2.24033	0.00308175	0.386723	-2.58583	0.0094549	0.462404	-2.16261	0.00354155	0.395705	-2.52713	0.00995143	0.46605	-2.14569	5.50E-06	0.0899315	-11.1196	0.0101355	0.46736	-2.13968	0.00199866	0.359444	-2.78207	19.3248	16.8341	0.774325	1
cg17174375	PLXDC2	0.000865723	0.254875	0.873255	-1.14514	0.000445931	1.88069	1.88069	?	?	?	0.160636	1.18632	1.18632	0.00073751	0.557384	-1.79409	0.205411	0.858726	-1.16452	0.00350786	0.636718	-1.57055	0.0150643	0.711352	-1.40577	0.117417	0.823762	-1.21394	12.5488	2.29612	0.182974	1
cg19264522	PLXDC2	0.00106373	0.0131641	0.693666	-1.44162	0.0292236	0.736608	-1.35757	0.114241	0.815117	-1.22682	0.011579	0.686862	-1.4559	0.00682621	0.659037	-1.51737	7.60E-05	0.425822	-2.3484	0.150159	1.20147	1.20147	0.224931	0.859278	-1.16377	0.000481836	0.521255	-1.91845	11.562	2.59257	0.199318	1
cg05886789	PLXDC2	0.00184869	0.00197453	0.365603	-2.73521	0.0198578	0.523518	-1.91015	0.00109556	0.330115	-3.02925	0.00628548	0.440741	-2.26891	0.00112754	0.331807	-3.0138	0.00114113	0.332513	-3.0074	0.0786278	0.637897	-1.56765	0.220355	0.743358	-1.34525	0.00141492	0.345307	-2.89597	9.86507	8.27677	0.745775	1
cg19431623	PLXDC2	0.00281517	0.432813	0.692905	-1.4432	0.00118879	0.113256	-8.82957	0.149766	0.492753	-2.02941	0.000779502	0.0973501	-10.2722	0.000219293	0.0594139	-16.8311	0.184316	0.524451	-1.90676	0.402254	0.675109	-1.48124	0.23065	0.56196	-1.77949	0.053001	0.365034	-2.73947	8.72101	29.0122	2.95707	1
cg24164296	PLXDC2	0.00553331	0.0549287	0.579912	-1.7244	0.00179845	0.329036	-3.03918	0.0194869	0.493187	-2.02763	0.422059	1.22789	1.22789	0.00256785	0.351127	-2.84797	0.00220942	0.341707	-2.92649	0.0463604	0.564825	-1.77046	0.662905	0.896017	-1.11605	0.01729	0.483912	-2.06649	7.11435	7.06057	0.882169	1
cg20130744	PLXDC2	0.00706263	0.297541	0.675776	-1.47978	0.187351	0.602243	-1.66046	0.355436	1.41193	1.41193	0.093985	0.512614	-1.95079	0.00163255	0.194463	-5.14237	0.00266598	0.221471	-4.51526	0.00484677	0.257766	-3.87949	0.193893	1.64676	1.64676	0.0610596	0.464856	-2.1512	6.59677	13.7584	1.85389	1
cg24022375	PLXDC2	0.0110685	0.121695	0.71198	-1.40453	0.015045	1.83136	1.83136	0.512329	1.14402	1.14402	0.020927	0.56971	-1.75528	0.0555457	0.644474	-1.55165	0.019269	0.563725	-1.77391	0.00315898	0.441901	-2.26295	0.813986	1.04888	1.04888	0.538272	0.881467	-1.13447	5.72107	3.71464	0.577148	1
cg17393940	PLXDC2	0.0370463	0.327673	0.752424	-1.32904	0.00537107	0.356276	-2.80681	0.10259	0.604795	-1.65345	0.136997	0.637014	-1.56983	0.0039801	0.336224	-2.97421	0.277193	0.727481	-1.37461	0.819497	1.06646	1.06646	0.686622	1.12096	1.12096	0.0903196	0.591284	-1.69124	3.78814	4.75517	1.1158	1
cg14899131	PLXDC2	0.0471663	0.86697	1.03872	1.03872	0.0728581	0.635472	-1.57363	0.827036	0.951624	-1.05083	0.499815	1.1679	1.1679	0.0143119	0.50441	-1.98251	0.0234691	1.84648	1.84648	0.109524	1.48491	1.48491	0.238292	1.32297	1.32297	0.383127	0.816562	-1.22465	3.4638	2.81663	0.722809	1
cg12563178	PLXDC2;PLXDC2	0.0259056	0.121838	1.24885	1.24885	0.0102145	1.5359	1.5359	0.00147679	1.8366	1.8366	0.247914	1.17359	1.17359	0.162838	1.21825	1.21825	0.768972	1.0398	1.0398	0.381367	0.88783	-1.12634	0.296432	1.15426	1.15426	0.460761	0.905283	-1.10463	4.30354	1.19683	0.247204	1
cg00795382	PLXNA1	1.50E-05	0.0546345	0.796913	-1.25484	0.0147641	0.731665	-1.36675	0.868307	0.982868	-1.01743	0.368427	1.10098	1.10098	3.53E-07	0.21633	-4.62257	0.111235	1.19801	1.19801	8.48E-05	2.08686	2.08686	0.174447	0.860341	-1.16233	0.411371	0.916246	-1.09141	36.4901	6.26667	0.152654	1
cg26017091	PLXNA1	0.000610584	0.000709913	0.323305	-3.09306	0.271352	0.778257	-1.28492	0.975181	1.00683	1.00683	0.00020958	0.25727	-3.88696	0.528997	0.869679	-1.14985	0.000690983	0.321766	-3.10785	0.000184866	0.250882	-3.98594	0.462388	1.17796	1.17796	0.0157077	0.522985	-1.9121	13.5178	10.2616	0.674769	1
cg09684147	PLXNA1	0.00193899	0.200661	0.853349	-1.17185	0.0023088	0.606803	-1.64798	0.00759473	0.668429	-1.49605	0.355846	1.11788	1.11788	0.359097	0.895263	-1.11699	0.657604	1.05373	1.05373	0.000268088	2.01706	2.01706	0.0434396	0.761485	-1.31322	0.626192	1.05929	1.05929	9.72926	2.12122	0.1938	1
cg00374015	PLXNA1	0.00220328	0.222531	0.855221	-1.16929	0.0933534	1.25255	1.25255	0.000463938	0.510743	-1.95793	0.831843	1.02628	1.02628	0.764794	0.964055	-1.03729	0.148707	0.827816	-1.208	0.000457736	1.96063	1.96063	0.0943896	0.799051	-1.25148	0.658691	0.94721	-1.05573	9.3732	2.20963	0.209546	1
cg19222574	PLXNA1	0.00254861	0.0661	0.652871	-1.5317	0.0172589	0.548845	-1.82201	0.209641	0.760738	-1.31451	0.568638	1.12655	1.12655	0.000307565	0.297662	-3.35952	0.013076	0.529059	-1.89015	0.000673899	0.341165	-2.93113	0.464897	1.16629	1.16629	0.0127849	0.527475	-1.89582	8.98097	6.08421	0.602183	1
cg18104206	PLXNA1	0.00396291	0.000335705	0.244455	-4.09074	0.00647643	0.422218	-2.36844	0.46603	0.83468	-1.19806	0.0360028	0.552024	-1.81152	0.000646999	0.279525	-3.5775	0.372132	0.799945	-1.25009	0.0357891	0.551526	-1.81315	0.793945	0.938227	-1.06584	0.289963	0.765257	-1.30675	7.87457	7.40064	0.835392	1
cg20946041	PLXNA1	0.00478292	0.0881135	1.36831	1.36831	0.379829	1.16196	1.16196	0.506671	1.1188	1.1188	0.0034788	0.516466	-1.93624	0.0154032	0.609322	-1.64117	0.000805863	2.32209	2.32209	0.603959	0.9165	-1.09111	0.249134	1.22226	1.22226	0.530495	1.11168	1.11168	7.43858	3.27074	0.390844	1
cg24107411	PLXNA1	0.00610813	0.710259	0.930428	-1.07477	0.0365989	0.62541	-1.59895	0.501736	1.14082	1.14082	0.0188879	0.577254	-1.73234	0.000189961	0.296519	-3.37246	0.0103173	0.535533	-1.8673	0.800933	1.05003	1.05003	0.628729	0.910148	-1.09872	0.16714	0.752334	-1.3292	6.90098	4.0811	0.52567	1
cg23681974	PLXNA1	0.0062007	0.026329	0.468038	-2.13658	0.0900008	0.583607	-1.71348	0.636391	1.1471	1.1471	0.899169	1.03721	1.03721	0.305094	0.736346	-1.35806	0.388878	0.775315	-1.2898	0.000527925	4.74011	4.74011	0.00922017	2.59231	2.59231	0.892111	0.961646	-1.03988	6.86896	9.03518	1.16921	1
cg21192185	PLXNA1	0.0196439	0.00438783	0.357266	-2.79904	0.113392	1.59379	1.59379	0.888449	1.0387	1.0387	0.339561	0.766191	-1.30516	0.00202725	0.308016	-3.24659	0.317736	0.756219	-1.32237	0.0645659	0.570215	-1.75372	0.485812	0.825623	-1.21121	0.578619	0.859162	-1.16392	4.73334	5.48782	1.03058	1
cg05044778	PLXNA1	0.0463517	0.751376	1.09347	1.09347	0.250071	0.713259	-1.40202	0.00486337	2.85656	2.85656	0.846761	0.947061	-1.0559	0.223992	0.698282	-1.43209	0.767582	0.920058	-1.08689	0.0192374	0.451063	-2.21698	0.652692	0.880422	-1.13582	0.20893	0.689101	-1.45117	3.48659	4.3643	1.11266	1
cg02736746	PLXNA2	0.000172106	0.0180733	0.600541	-1.66516	0.0348624	1.54759	1.54759	0.00127356	0.434051	-2.30387	0.509979	1.12601	1.12601	9.32E-06	0.182742	-5.47218	0.0132012	1.72557	1.72557	0.0163811	1.68375	1.68375	0.210584	1.26398	1.26398	0.657562	0.923833	-1.08245	19.1336	9.55621	0.443952	1
cg11159591	PLXNA2	0.00184027	0.418392	0.920556	-1.0863	0.00292333	0.664134	-1.50572	0.00686842	0.704408	-1.41963	0.980948	1.00239	1.00239	0.00508723	1.44872	1.44872	0.143941	0.854566	-1.17018	0.00472704	0.686807	-1.45601	0.00135659	0.627714	-1.59308	0.115186	1.18704	1.18704	9.87815	1.56782	0.141081	1
cg10435664	PLXNA2	0.00184919	0.00602122	0.407976	-2.45113	0.142833	1.48212	1.48212	0.0503965	1.74573	1.74573	0.874334	0.961229	-1.04033	8.73E-05	0.172431	-5.79941	0.207913	0.717679	-1.39338	0.34404	0.783871	-1.27572	0.714305	1.09621	1.09621	0.0526159	1.73409	1.73409	9.8643	9.75136	0.878711	1
cg02895948	PLXNA2	0.0208055	0.0418402	0.238855	-4.18663	0.00229421	0.0741367	-13.4886	0.0870307	0.315512	-3.16945	0.359855	0.562894	-1.77653	0.010226	0.138577	-7.21621	0.0815772	0.307798	-3.24888	0.0131035	0.152854	-6.54219	0.0175688	0.171387	-5.83475	0.166087	0.405957	-2.46331	4.64175	27.3939	5.2459	1
cg16352830	PLXNA2	0.0211014	0.100431	0.457469	-2.18594	0.0631468	0.403233	-2.47996	0.374255	0.672782	-1.48637	0.253599	0.595644	-1.67886	0.00163865	0.140896	-7.09743	0.01641	0.279568	-3.57695	0.0241834	0.310995	-3.21548	0.0139643	0.26731	-3.74098	0.0389971	0.354038	-2.82456	4.61942	13.816	2.65853	1
cg21144009	PLXNA2	0.0248341	0.00679527	0.145494	-6.87312	0.413877	0.631872	-1.5826	0.538578	0.710207	-1.40804	0.547595	0.715732	-1.39717	0.00994224	0.167055	-5.98604	0.596776	1.34102	1.34102	0.0056582	0.135971	-7.3545	0.890368	0.927005	-1.07874	0.0217362	0.220024	-4.54496	4.36733	20.8922	4.25222	1
cg16900349	PLXNA2	0.0297927	0.951277	0.992632	-1.00742	0.32449	0.884142	-1.13104	0.0219222	0.716956	-1.39479	0.0524573	0.765762	-1.30589	0.00931731	1.4906	1.4906	0.372215	1.11725	1.11725	0.661609	1.05475	1.05475	0.0286875	0.731746	-1.36659	0.981986	1.00274	1.00274	4.0969	0.950314	0.206186	1
cg16045271	PLXNA2	0.0322556	0.191716	0.476203	-2.09995	0.00315178	8.72365	8.72365	0.0298723	3.9424	3.9424	0.522963	1.41557	1.41557	0.131392	0.417156	-2.39718	0.729836	1.20454	1.20454	0.915927	0.944892	-1.05832	0.845876	1.11012	1.11012	0.120596	0.405051	-2.46883	3.98251	18.1756	4.05676	1
cg11854115	PLXNA2	0.0362866	0.00908516	0.312	-3.20513	0.103189	0.534564	-1.87068	0.761363	0.898507	-1.11296	0.0944931	0.524237	-1.90754	0.00370628	0.252142	-3.96602	0.361232	0.719089	-1.39065	0.186718	0.61154	-1.63522	0.0448977	0.445396	-2.24519	0.02864	0.403682	-2.4772	3.81682	7.46272	1.73797	1
cg12597281	PLXNA2	0.0436667	0.0641479	0.711586	-1.40531	0.0582695	1.41912	1.41912	0.363597	1.165	1.165	0.661045	0.930373	-1.07484	0.0373073	0.673452	-1.48489	0.924877	1.01555	1.01555	0.0130475	1.6549	1.6549	0.294429	0.837052	-1.19467	0.426893	0.875734	-1.1419	3.56537	1.51075	0.376649	1
cg14201291	PLXNA2	0.0444648	0.0115183	0.0565773	-17.6749	0.027886	0.0942702	-10.6078	0.0460262	0.125173	-7.98894	0.156477	0.252185	-3.96535	0.0663216	0.153853	-6.49973	0.0796576	0.170696	-5.85835	0.010625	0.0539448	-18.5375	0.0403662	0.116236	-8.60316	0.120761	0.216689	-4.61491	3.54134	46.3278	11.6284	1
cg01852992	PLXNA3	0.000214803	0.829024	1.04933	1.04933	0.000118772	0.223309	-4.47811	0.000346988	0.277693	-3.6011	0.4915	0.855925	-1.16833	3.33E-05	0.166547	-6.00429	0.0179104	1.89768	1.89768	0.244753	1.31118	1.31118	0.983995	0.995544	-1.00448	0.758241	0.933569	-1.07116	18.0186	14.1474	0.697915	1
cg01798163	PLXNA3	0.000450767	0.670388	0.908568	-1.10063	0.000225092	0.253006	-3.95248	0.0230253	0.543973	-1.83833	0.000506693	0.296144	-3.37673	4.95E-05	0.181498	-5.50971	0.353787	1.23821	1.23821	0.920322	1.02266	1.02266	0.225471	1.32989	1.32989	0.411036	0.828393	-1.20716	14.7068	11.6833	0.706143	1
cg03578806	PLXNA3	0.000541329	0.0570506	1.46714	1.46714	0.174155	1.29352	1.29352	0.0131419	0.578426	-1.72883	0.96386	0.991966	-1.0081	1.88E-05	0.212147	-4.71371	0.226604	0.797704	-1.2536	0.00137003	0.437443	-2.28601	0.588861	1.10202	1.10202	0.0568812	0.681372	-1.46763	13.9788	7.01678	0.446187	1
cg24552876	PLXNA3	0.00119467	0.230497	1.36268	1.36268	0.294263	0.765211	-1.30683	0.00254004	0.356852	-2.80229	0.0739405	0.612654	-1.63224	2.25E-05	0.123647	-8.08756	0.409053	1.23085	1.23085	0.620217	0.884366	-1.13075	0.677287	0.902168	-1.10844	0.373467	0.798717	-1.25201	11.186	10.7208	0.851927	1
cg25441219	PLXNA3	0.00140378	0.359293	1.43773	1.43773	0.282412	1.53764	1.53764	0.00154062	0.172932	-5.7826	0.395815	1.39788	1.39788	8.69E-05	0.0664077	-15.0585	0.0126675	3.29894	3.29894	0.998207	0.999135	-1.00087	0.984647	0.992616	-1.00744	0.81803	1.09283	1.09283	10.6813	25.0995	2.08877	1
cg09673331	PLXNA3	0.00239673	0.567673	1.10748	1.10748	0.324846	1.19683	1.19683	0.000532972	0.385641	-2.59309	0.306045	1.20598	1.20598	0.000547413	0.38715	-2.58298	0.109962	1.36058	1.36058	0.0338587	1.54932	1.54932	0.725099	1.06438	1.06438	0.546712	1.11381	1.11381	9.14477	4.52357	0.4397	1
cg21883848	PLXNA3	0.00267662	0.603869	1.31845	1.31845	0.00776055	0.164351	-6.08454	0.0131805	0.197283	-5.06887	0.0674093	0.338786	-2.95171	5.72E-05	0.0193769	-51.608	0.73089	0.833309	-1.20004	0.726104	1.20413	1.20413	0.904542	0.938601	-1.06542	0.501045	0.697189	-1.43433	8.8521	39.1082	3.92707	1
cg23494279	PLXNA3	0.00344876	0.572615	0.859311	-1.16372	0.0603937	1.75631	1.75631	0.00728475	0.398338	-2.51043	0.772449	0.925786	-1.08016	0.000107403	0.162559	-6.1516	0.426041	1.24131	1.24131	0.677845	1.11751	1.11751	0.363502	1.28193	1.28193	0.631266	0.879321	-1.13724	8.20995	9.19684	0.995739	1
cg06963664	PLXNA3	0.00559389	0.0756717	2.04107	2.04107	0.0175438	0.352411	-2.8376	0.0177026	0.353139	-2.83174	0.0198031	0.362309	-2.76008	0.000895524	0.166238	-6.01547	0.306568	1.46516	1.46516	0.763108	1.11525	1.11525	0.103466	1.9014	1.9014	0.798402	1.09675	1.09675	7.09059	14.6218	1.83302	1
cg03692149	PLXNA3	0.00637872	0.154176	0.673656	-1.48444	0.960417	0.987229	-1.01294	0.0210483	0.4874	-2.0517	0.00451807	0.375326	-2.66435	0.000647603	0.257971	-3.8764	0.191328	1.43085	1.43085	0.00847211	0.418788	-2.38784	0.897341	1.03399	1.03399	0.135769	0.659462	-1.51639	6.80902	7.23237	0.944155	1
cg04569165	PLXNA3	0.016178	0.018187	0.524162	-1.90781	0.632905	0.897268	-1.11449	0.0106458	0.485095	-2.06145	0.258407	0.766715	-1.30427	0.00119579	0.343161	-2.91408	0.111242	0.676504	-1.47819	0.0360196	0.577305	-1.73219	0.691912	1.09387	1.09387	0.576379	1.13558	1.13558	5.05236	4.06049	0.714384	1
cg12857026	PLXNA3	0.0165917	0.821484	0.928906	-1.07654	0.378804	1.34265	1.34265	0.449028	1.28627	1.28627	0.658577	1.15617	1.15617	0.000268728	0.142167	-7.03397	0.869319	1.0552	1.0552	0.304324	1.41502	1.41502	0.72754	0.892136	-1.12091	0.965996	1.01401	1.01401	5.01001	8.44938	1.49911	1
cg26488590	PLXNA3	0.0208914	0.291343	0.812586	-1.23064	0.0460636	0.648374	-1.54232	0.0868905	0.698812	-1.431	0.835352	1.04024	1.04024	0.00215057	0.44185	-2.26321	0.00815393	0.526328	-1.89996	0.300963	1.22525	1.22525	0.372351	1.18957	1.18957	0.428215	0.857867	-1.16568	4.63522	2.63738	0.505765	1
cg17326835	PLXNA3	0.0220804	0.0992288	0.679013	-1.47272	0.106242	0.685319	-1.45917	0.0731924	0.651818	-1.53417	0.15374	1.387	1.387	0.00296277	0.417404	-2.39576	0.575479	0.885863	-1.12884	0.00851417	0.487127	-2.05285	0.542597	1.14113	1.14113	0.730945	1.07674	1.07674	4.54824	3.30514	0.645943	1
cg14637830	PLXNA3	0.031721	0.654445	0.827885	-1.2079	0.00679751	0.229843	-4.3508	0.106047	0.477084	-2.09607	0.997429	0.99865	-1.00135	0.00285098	0.178799	-5.59286	0.241797	1.67137	1.67137	0.970329	1.01572	1.01572	0.591096	1.2553	1.2553	0.629674	0.815712	-1.22592	4.00641	11.1528	2.47443	1
cg19189070	PLXNA3	0.0353042	0.519459	1.32243	1.32243	0.0343477	0.347705	-2.876	0.101803	0.464629	-2.15225	0.0605087	0.40421	-2.47396	0.00565273	0.211391	-4.73056	0.0167738	0.286734	-3.48755	0.840202	0.917225	-1.09025	0.946763	0.971826	-1.02899	0.0379671	0.357107	-2.80028	3.85503	11.1826	2.57848	1
cg21738316	PLXNA3	0.0488239	0.296253	0.760192	-1.31546	0.370255	0.792202	-1.2623	0.133066	0.663471	-1.50722	0.0481162	1.77159	1.77159	0.011616	0.449927	-2.22258	0.19371	0.705994	-1.41644	0.605482	0.876417	-1.14101	0.172487	1.44426	1.44426	0.1309	1.51125	1.51125	3.41888	3.47044	0.902293	1
cg26576047	PLXNA4	0.000280416	0.0040304	0.510719	-1.95802	0.0035244	0.502481	-1.99013	3.23E-05	0.245123	-4.07959	0.000918316	0.422514	-2.36678	0.0155981	0.597031	-1.67495	0.0582661	0.689184	-1.45099	0.626861	0.918312	-1.08895	3.80E-05	0.252793	-3.9558	0.0253874	0.629889	-1.58758	16.7567	8.02978	0.425955	1
cg02041497	PLXNA4	0.0025822	0.00480233	3.04771	3.04771	0.00221035	3.587	3.587	0.757675	1.09654	1.09654	0.0576652	1.89497	1.89497	0.242875	1.43897	1.43897	0.014385	2.45576	2.45576	0.000497043	5.06737	5.06737	0.000830267	4.47552	4.47552	0.0111101	2.58068	2.58068	8.94638	12.565	1.24843	1
cg08326674	PLXNA4	0.00432857	0.169467	0.70186	-1.42479	0.00161129	0.334924	-2.98575	0.00549134	0.413511	-2.41832	0.591351	0.877137	-1.14007	0.104729	0.65123	-1.53556	0.030185	0.539806	-1.85252	0.0161873	0.4909	-2.03707	0.000534253	0.27154	-3.6827	0.00477884	0.404145	-2.47436	7.66745	7.10479	0.823659	1
cg19390244	PLXNA4	0.0053238	0.0143056	5.17105	5.17105	0.00159785	11.744	11.744	0.842913	1.11397	1.11397	0.208082	2.05851	2.05851	0.152806	2.30002	2.30002	0.0721261	2.97978	2.97978	0.00111419	13.6303	13.6303	0.00148231	12.1092	12.1092	0.0328913	3.8861	3.8861	7.1991	33.7374	4.16563	1
cg13895834	PLXNA4	0.00812715	0.276721	0.853266	-1.17197	0.00089295	0.497682	-2.00932	0.456746	0.899148	-1.11216	0.321704	0.866239	-1.15442	0.015352	1.51791	1.51791	0.205994	0.829348	-1.20577	0.0198786	1.48335	1.48335	0.355579	1.14258	1.14258	0.318721	1.15551	1.15551	6.31273	1.96693	0.276962	1
cg20227592	PLXNA4	0.0134278	0.00271415	0.131263	-7.61828	0.802243	0.884226	-1.13093	0.0790286	0.384354	-2.60177	0.719159	0.837738	-1.19369	0.00414224	0.151864	-6.58485	0.224108	0.534627	-1.87046	0.116124	0.432885	-2.31008	0.0066236	0.177615	-5.63015	0.00890016	0.195532	-5.11426	5.37295	20.4581	3.38454	1
cg17356112	PLXNA4	0.0156965	0.897333	0.967312	-1.03379	0.346239	1.28367	1.28367	0.319643	0.767387	-1.30312	0.153279	1.48244	1.48244	0.758469	0.923667	-1.08264	0.0110656	0.440304	-2.27116	0.00348702	0.360416	-2.77457	0.193634	0.7018	-1.42491	0.00523536	0.387418	-2.58119	5.10337	5.35711	0.933085	1
cg13902024	PLXNA4	0.0177366	0.0276707	0.362945	-2.75524	0.00137196	0.164036	-6.09623	0.0143034	0.308514	-3.24134	0.605975	0.816626	-1.22455	0.0254103	0.355482	-2.81308	0.0617457	0.440824	-2.26848	0.0216689	0.341894	-2.92489	0.0445769	0.407426	-2.45443	0.414284	0.722601	-1.38389	4.89934	11.7607	2.13375	1
cg09162916	PLXNA4	0.0221217	0.478763	1.136	1.136	0.853848	1.03319	1.03319	0.00626719	0.532219	-1.87893	0.309893	0.830211	-1.20451	0.0391288	0.655239	-1.52616	0.0623778	0.68973	-1.44984	0.0248181	0.623087	-1.60491	0.00926947	0.557277	-1.79444	0.0181615	0.601731	-1.66187	4.54532	2.25741	0.441461	1
cg09244601	PLXNA4	0.0230416	0.1819	0.858761	-1.16447	0.375414	1.10269	1.10269	0.089152	0.817549	-1.22317	0.0578761	1.25912	1.25912	0.0103148	0.706592	-1.41524	0.845007	1.02126	1.02126	0.155454	1.17744	1.17744	0.0220712	0.744535	-1.34312	0.0430906	0.778722	-1.28416	4.48207	0.819707	0.162565	1
cg06084117	PLXNA4	0.0373769	0.00850048	0.327101	-3.05716	0.0879258	0.534408	-1.87123	0.0609217	0.495201	-2.01938	0.0230039	0.404671	-2.47115	0.0766514	0.519349	-1.92549	0.275147	0.685408	-1.45899	0.0901253	0.537174	-1.86159	0.107489	0.557405	-1.79403	0.00515296	0.292571	-3.41798	3.77588	6.61972	1.55837	1
cg09873409	PLXNA4;PLXNA4	1.64E-05	2.56E-05	0.206429	-4.84429	3.53E-05	0.221067	-4.52351	0.00107117	0.401132	-2.49295	0.000574614	0.365181	-2.73837	8.91E-06	0.161994	-6.17306	0.000141303	0.289013	-3.46005	4.72E-06	0.13794	-7.2495	7.29E-05	0.255583	-3.91262	0.000588036	0.366492	-2.72858	35.6655	20.1804	0.502955	1
cg15585036	PLXNA4;PLXNA4;PLXNA4	0.0027519	0.142229	0.843238	-1.1859	0.0680201	1.24717	1.24717	0.0134512	1.39197	1.39197	0.424916	1.09206	1.09206	0.751801	1.03488	1.03488	0.246289	1.14001	1.14001	0.000213018	0.512431	-1.95148	0.0737774	0.806218	-1.24036	0.0208191	0.740327	-1.35076	8.77985	1.62415	0.164432	1
cg00651359	PLXNA4;PLXNA4;PLXNA4	0.00380858	0.0314325	0.259505	-3.85349	0.0306045	0.257205	-3.88796	0.122228	0.408477	-2.44812	0.0423662	0.286592	-3.48928	0.000841338	0.0682627	-14.6493	0.0141961	0.198451	-5.03902	0.000588764	0.0585349	-17.0838	0.00704442	0.15537	-6.43626	0.00531456	0.140387	-7.12319	7.96926	36.0624	4.02239	1
cg18301410	PLXNA4;PLXNA4;PLXNA4	0.00778073	0.957987	0.989515	-1.0106	0.857762	0.964743	-1.03655	0.0646638	0.660205	-1.51468	0.976711	1.00586	1.00586	0.12197	1.39848	1.39848	0.430748	1.17457	1.17457	0.0339583	1.64097	1.64097	0.000278852	0.304373	-3.28544	0.965496	1.00869	1.00869	6.39982	4.05739	0.563542	1
cg16811875	PLXNA4;PLXNA4;PLXNA4	0.0151478	0.111606	0.823837	-1.21383	0.211834	1.15845	1.15845	0.29234	1.12995	1.12995	0.00740621	1.4708	1.4708	0.00300448	1.57621	1.57621	0.912044	1.01243	1.01243	0.0534004	1.2781	1.2781	0.0712537	0.798267	-1.25271	0.323179	1.12088	1.12088	5.16392	1.02278	0.176055	1
cg06296169	PLXNA4;PLXNA4;PLXNA4	0.0185128	0.620574	1.0887	1.0887	0.137887	1.31269	1.31269	0.438719	0.874148	-1.14397	0.576694	0.908428	-1.1008	0.235176	0.809055	-1.23601	0.670085	0.929617	-1.07571	0.0115037	1.71313	1.71313	0.00210735	0.478841	-2.08838	0.0916728	0.728868	-1.37199	4.82923	2.21817	0.408287	1
cg16652347	PLXNA4;PLXNA4;PLXNA4	0.022581	0.101918	0.45558	-2.195	0.00536159	0.199828	-5.00429	0.0391501	0.350573	-2.85247	0.514876	0.748264	-1.33643	0.00209082	0.14937	-6.69479	0.351006	0.656056	-1.52426	0.091642	0.442378	-2.26051	0.0165733	0.276617	-3.61511	0.15412	0.511738	-1.95413	4.51334	13.7837	2.71465	1
cg10694781	PLXNA4;PLXNA4;PLXNA4	0.0252971	0.697342	0.88771	-1.12649	0.00546242	3.04575	3.04575	0.0765751	0.548623	-1.82275	0.523755	0.821255	-1.21765	0.871051	1.05076	1.05076	0.941653	0.977938	-1.02256	0.00370946	0.30274	-3.30317	0.677291	1.13604	1.13604	0.890059	1.04305	1.04305	4.33935	6.38343	1.30761	1
cg02489094	PLXNA4;PLXNA4;PLXNA4	0.0264267	0.547376	0.844887	-1.18359	0.164208	0.663067	-1.50814	0.0798535	0.58389	-1.71265	0.057782	1.81093	1.81093	0.163269	0.662378	-1.50971	0.572324	0.853898	-1.1711	0.873546	0.956867	-1.04508	0.00134013	0.275197	-3.63376	0.0860635	0.59152	-1.69056	4.27368	5.18674	1.0788	1
cg26209005	PLXNA4;PLXNA4;PLXNA4	0.0274538	0.175531	0.789208	-1.26709	0.383949	1.15802	1.15802	0.619254	1.0858	1.0858	0.867218	0.972876	-1.02788	0.002862	0.509492	-1.96274	0.340846	1.17504	1.17504	0.0155474	0.614077	-1.62846	0.027853	0.652372	-1.53287	0.321527	0.845095	-1.1833	4.21691	1.80366	0.380195	1
cg01690872	PLXNA4;PLXNA4;PLXNA4	0.0315735	0.0120865	0.21924	-4.56122	0.0125939	0.222081	-4.50287	0.0365641	0.307801	-3.24885	0.0780497	0.386897	-2.58467	0.0138845	0.228946	-4.36784	0.266541	0.570382	-1.75321	0.0213287	0.261355	-3.82621	0.0663447	0.36834	-2.71488	0.0348855	0.303466	-3.29526	4.01309	14.9505	3.3115	1
cg02499843	PLXNA4;PLXNA4;PLXNA4;PLXNA4;PLXNA4	0.0268647	0.00692269	0.711874	-1.40474	0.0453133	1.25017	1.25017	0.574979	1.05664	1.05664	0.692877	0.962135	-1.03936	0.0956135	0.836933	-1.19484	0.703954	1.03782	1.03782	0.147203	0.859631	-1.16329	0.52629	1.06443	1.06443	0.0190471	1.31784	1.31784	4.24914	0.636344	0.133119	1
cg22260625	PLXNB1;PLXNB1	6.79E-05	0.00106632	0.52515	-1.90422	0.0852528	0.776167	-1.28838	0.435825	0.899535	-1.11169	0.0110837	0.654304	-1.52834	8.95E-06	0.277554	-3.6029	7.51E-06	0.26928	-3.7136	0.000924191	0.517403	-1.93273	0.329468	1.14342	1.14342	0.00597777	0.619678	-1.61374	24.5483	6.89535	0.249679	1
cg16270079	PLXNB1;PLXNB1	0.00625497	0.949221	1.02372	1.02372	0.00299687	4.47367	4.47367	0.215041	1.61661	1.61661	0.598179	1.21621	1.21621	0.00040708	0.126499	-7.90521	0.240632	0.636266	-1.57167	0.646873	1.18502	1.18502	0.631196	1.19484	1.19484	0.808389	1.09354	1.09354	6.85047	14.6967	1.90698	1
cg00207352	PLXNB1;PLXNB1	0.00909456	0.0389741	1.66693	1.66693	0.61255	0.896553	-1.11538	0.034176	1.69632	1.69632	0.00230182	2.48643	2.48643	0.43822	1.1842	1.1842	0.0860389	0.666577	-1.5002	0.196225	0.746618	-1.33937	0.44359	1.18178	1.18178	0.00327649	2.35588	2.35588	6.09213	4.41121	0.64363	1
cg07096110	PLXNB1;PLXNB1	0.0115474	0.198933	0.539465	-1.85369	0.721805	0.849975	-1.17651	0.0185218	0.272938	-3.66384	0.0100046	0.227974	-4.38646	0.12407	0.468973	-2.13232	0.000937811	0.105987	-9.4351	0.324769	1.58778	1.58778	0.786351	1.13148	1.13148	0.0182117	0.271612	-3.68172	5.64334	18.4765	2.91026	1
cg18305790	PLXNB1;PLXNB1	0.0191072	0.187818	0.750795	-1.33192	0.686016	1.08704	1.08704	0.685522	0.919799	-1.08719	0.896356	0.973591	-1.02713	0.0155234	0.543593	-1.83961	0.0513687	0.634106	-1.57702	0.00411744	2.20391	2.20391	0.0437919	1.60944	1.60944	0.697636	1.08348	1.08348	4.77796	3.19115	0.59368	1
cg27112062	PLXNB1;PLXNB1	0.0270864	0.891013	0.930651	-1.07452	0.00215303	9.57013	9.57013	0.0128564	5.05045	5.05045	0.94223	1.03873	1.03873	0.135418	0.430135	-2.32485	0.203449	0.494736	-2.02128	0.683982	1.23929	1.23929	0.644017	1.27626	1.27626	0.491578	0.693346	-1.44228	4.23691	18.4417	3.86899	1
cg06066452	PLXNB1;PLXNB1	0.0393154	0.210511	1.30875	1.30875	0.163166	1.35464	1.35464	0.327658	1.22882	1.22882	0.0317948	1.67062	1.67062	0.953993	0.988303	-1.01184	0.13507	0.719989	-1.38891	0.248611	1.27882	1.27882	0.710151	0.926695	-1.0791	0.00236875	2.37377	2.37377	3.7066	2.44131	0.585457	1
cg01313363	PLXNB1;PLXNB1	0.0396508	0.0165577	0.411776	-2.4285	0.330257	1.35599	1.35599	0.426209	0.781703	-1.27926	0.724636	0.898338	-1.11317	0.0109364	0.379798	-2.63298	0.631638	0.863798	-1.15768	0.325912	1.35996	1.35996	0.39833	0.769419	-1.29968	0.00900273	0.365443	-2.73641	3.69504	5.37694	1.29349	1
cg12801392	PLXNB1;PLXNB1;PLXNB1	0.00276128	0.850449	1.04043	1.04043	0.800358	0.948183	-1.05465	0.0232041	1.76795	1.76795	0.344034	0.814918	-1.22712	0.0237566	1.76247	1.76247	0.000319816	0.294301	-3.39788	0.137003	1.39982	1.39982	0.0416393	0.610684	-1.63751	0.00973597	0.503305	-1.98687	8.77102	6.12487	0.620718	1
cg27206976	PLXNB2	0.00505841	0.0144649	4.56838	4.56838	0.0243615	3.86754	3.86754	0.197675	1.98664	1.98664	0.137486	2.23976	2.23976	0.0155769	4.46058	4.46058	0.01195	4.86045	4.86045	0.000288602	19.7249	19.7249	0.00380455	7.15343	7.15343	0.0215655	4.01998	4.01998	7.31261	29.4334	3.57779	1
cg22445712	PLXNB2	0.00717294	0.0252767	4.49323	4.49323	0.0108641	6.08963	6.08963	0.0780193	3.02266	3.02266	0.0377085	3.90222	3.90222	0.00743237	7.01123	7.01123	0.0168068	5.19727	5.19727	0.000807514	17.3783	17.3783	0.00639399	7.42085	7.42085	0.0182272	5.04812	5.04812	6.56493	33.1772	4.49218	1
cg23883747	PLXNB2	0.00900368	0.00288569	0.531437	-1.88169	0.0223066	0.655409	-1.52577	0.112524	1.30544	1.30544	0.947652	0.989921	-1.01018	0.0844778	0.744958	-1.34236	0.0389219	1.44603	1.44603	0.0176162	1.5613	1.5613	0.235131	1.21164	1.21164	0.981649	0.996458	-1.00355	6.11158	2.3039	0.335087	1
cg06794209	PLXNB2	0.0173655	0.329239	1.17865	1.17865	0.0399874	1.47329	1.47329	0.87775	1.02545	1.02545	0.00281367	1.95779	1.95779	0.410614	1.14723	1.14723	0.141113	1.29481	1.29481	0.00574234	1.80582	1.80582	0.337335	0.850894	-1.17523	0.100276	0.745331	-1.34169	4.93422	2.08235	0.375132	1
cg04089788	PLXNB2	0.0193594	0.0147512	3.31123	3.31123	0.0408493	2.5647	2.5647	0.0519606	2.41628	2.41628	0.0299546	2.77015	2.77015	0.0175273	3.16912	3.16912	0.10052	2.04992	2.04992	0.00941436	3.71848	3.71848	0.00357926	4.82706	4.82706	0.0504908	2.43352	2.43352	4.7568	11.9928	2.24106	1
cg07600549	PLXNB2	0.0200067	0.610318	0.814522	-1.22771	0.158386	1.82554	1.82554	0.516769	0.769212	-1.30003	0.616974	0.817687	-1.22296	0.000626267	0.12255	-8.15994	0.0189612	0.321727	-3.10822	0.568995	1.2583	1.2583	0.952889	0.976693	-1.02386	0.801608	0.904388	-1.10572	4.70403	11.8702	2.24303	1
cg12244647	PLXNB2	0.0363689	0.0735352	2.98093	2.98093	0.0450077	3.52309	3.52309	0.176175	2.19739	2.19739	0.0423426	3.59696	3.59696	0.769949	1.17414	1.17414	0.0832946	2.85647	2.85647	0.005372	7.43955	7.43955	0.00963593	6.01144	6.01144	0.0404775	3.6525	3.6525	3.81368	18.1019	4.21918	1
cg03883640	PLXNB2	0.0419591	0.112231	0.538488	-1.85705	0.00536037	0.269105	-3.71603	0.473567	1.29811	1.29811	?	?	?	0.460771	0.764308	-1.30837	0.117535	0.544178	-1.83764	0.223107	1.58125	1.58125	0.644411	1.18099	1.18099	0.0329938	0.409624	-2.44126	3.67477	6.62823	1.80371	1
cg00322201	PLXNB2	0.0449979	0.516817	0.869132	-1.15057	0.100232	1.46859	1.46859	0.00799106	2.06569	2.06569	0.119147	0.697042	-1.43463	0.176419	1.35892	1.35892	0.474968	1.1677	1.1677	0.0192072	1.83041	1.83041	0.46011	0.851728	-1.17408	0.750307	0.934137	-1.07051	3.52559	2.54276	0.641094	1
cg00938641	PLXNB3;PLXNB3	9.16E-06	0.00419055	0.528203	-1.89321	0.00257482	2.00443	2.00443	4.34E-05	0.274863	-3.63818	0.00701324	0.559845	-1.78621	4.96E-07	0.0961545	-10.3999	3.42E-05	0.263224	-3.79904	0.200228	0.798402	-1.2525	0.0370188	1.49626	1.49626	0.0158261	0.611493	-1.63534	41.5035	18.199	0.389772	1
cg02273788	PLXNB3;PLXNB3	4.29E-05	1.31E-05	0.311446	-3.21083	0.000301166	0.472232	-2.1176	1.74E-05	0.325305	-3.07404	3.01E-05	0.352685	-2.83539	0.000302155	0.472406	-2.11682	0.00110225	0.541133	-1.84798	0.0875269	0.78602	-1.27223	0.0112848	0.666909	-1.49946	0.504397	1.09033	1.09033	27.7144	7.15245	0.229401	1
cg15192932	PLXNB3;PLXNB3	0.00302417	0.0276146	1.95603	1.95603	0.0860555	0.613484	-1.63003	0.0242719	0.500702	-1.9972	0.0336038	1.89526	1.89526	0.0925257	0.62072	-1.61103	0.148081	1.49134	1.49134	0.00406985	2.70018	2.70018	0.00517277	2.58801	2.58801	0.00456443	2.6457	2.6457	8.53778	8.97229	0.934127	1
cg00744851	PLXNB3;PLXNB3	0.0046799	0.553698	0.906842	-1.10273	0.688692	0.936378	-1.06794	0.000237312	0.370138	-2.70169	0.582942	1.09474	1.09474	0.00512282	0.546824	-1.82874	0.238718	1.22314	1.22314	0.616281	1.08597	1.08597	0.0386457	1.47837	1.47837	0.937529	0.987287	-1.01288	7.48803	3.15974	0.375086	1
cg08292505	PLXNB3;PLXNB3	0.014758	0.166763	0.700407	-1.42774	0.043743	1.75058	1.75058	0.562664	0.86816	-1.15186	0.768314	1.07396	1.07396	0.00455751	0.401472	-2.49084	0.593837	0.878076	-1.13885	0.02959	1.85655	1.85655	0.0105652	2.17477	2.17477	0.437938	1.21061	1.21061	5.20861	4.8134	0.821442	1
cg16832801	PLXNB3;PLXNB3	0.0148499	0.17203	1.53201	1.53201	0.0207342	0.441711	-2.26392	0.0367128	0.490584	-2.03839	0.832491	0.939741	-1.06412	0.00434955	0.326913	-3.05891	0.0892794	1.73294	1.73294	0.737673	1.10367	1.10367	0.601094	0.856591	-1.16742	0.0111728	0.393325	-2.54243	5.19795	7.08849	1.21219	1
cg19907419	PLXNB3;PLXNB3	0.0232626	0.717662	1.07381	1.07381	0.63092	1.09959	1.09959	0.0546532	0.652132	-1.53343	0.736734	1.06841	1.06841	0.450016	0.859881	-1.16295	0.959196	1.01008	1.01008	0.0487468	1.55494	1.55494	0.00157169	2.4365	2.4365	0.0411457	1.58738	1.58738	4.46733	2.72141	0.541494	1
cg05507097	PLXNB3;PLXNB3	0.0251891	0.30224	1.60984	1.60984	0.267263	0.597565	-1.67346	0.134174	0.486945	-2.05362	0.0931044	2.27736	2.27736	0.793953	1.12368	1.12368	0.080543	2.37149	2.37149	0.00649722	4.83537	4.83537	0.0121859	4.02156	4.02156	0.0393982	2.89123	2.89123	4.34582	13.661	2.7942	1
cg27303549	PLXNB3;PLXNB3	0.0331968	0.225963	1.59949	1.59949	0.0687685	0.471219	-2.12216	0.727313	0.878696	-1.13805	0.899093	1.04798	1.04798	0.0692689	0.472006	-2.11862	0.0269831	2.63127	2.63127	0.114824	0.530765	-1.88407	0.0378635	2.43372	2.43372	0.0557828	2.22669	2.22669	3.94162	8.51832	1.921	1
cg17127146	PLXNC1	0.000185136	0.326461	0.735304	-1.35998	0.284293	1.40155	1.40155	0.0112349	0.381356	-2.62222	0.000958863	0.224717	-4.45005	6.24E-05	0.106555	-9.38478	0.017066	0.413727	-2.41705	2.21E-05	0.0753736	-13.2672	0.810227	0.929589	-1.07574	0.000527663	0.194203	-5.14925	18.7596	27.3671	1.29674	1
cg07200939	PLXNC1	0.000492088	0.539399	0.896571	-1.11536	0.0146877	0.589919	-1.69515	0.637223	0.919923	-1.08705	0.0225553	1.616	1.616	0.539457	0.896586	-1.11534	0.102324	1.36908	1.36908	0.647554	1.08424	1.08424	1.36E-05	4.94117	4.94117	0.0036467	1.99567	1.99567	14.3539	7.01853	0.434635	1
cg00020799	PLXNC1	0.000903526	0.349246	0.792729	-1.26147	0.00172638	0.340381	-2.93789	0.0128548	0.474895	-2.10573	0.0721345	0.616428	-1.62225	8.35E-05	0.181455	-5.511	0.00226471	0.357124	-2.80015	0.000284592	0.239606	-4.17351	0.889653	0.967091	-1.03403	0.0832104	0.629836	-1.58772	12.1093	11.134	0.817981	1
cg13488680	PLXNC1	0.00169771	0.0210751	0.860613	-1.16196	0.0231172	1.15831	1.15831	0.331158	0.947193	-1.05575	0.00480439	1.22442	1.22442	9.38E-05	1.45764	1.45764	0.0958399	1.10403	1.10403	0.615254	1.0278	1.0278	0.337671	1.05494	1.05494	0.247177	0.936627	-1.06766	10.1117	0.468853	0.0412153	1
cg12503473	PLXNC1	0.00357626	0.688496	0.91967	-1.08735	0.00894039	1.99577	1.99577	0.00636282	2.09168	2.09168	0.000964954	2.7848	2.7848	0.0563797	0.638307	-1.56664	0.497274	0.86658	-1.15396	0.0214437	0.562459	-1.77791	0.35886	0.821975	-1.21658	0.165676	1.35963	1.35963	8.12122	5.55368	0.607865	1
cg10118167	PLXNC1	0.00609338	0.121698	0.746078	-1.34034	0.0232247	0.622696	-1.60592	0.00639117	0.538192	-1.85807	0.0349173	0.651042	-1.536	0.186587	0.783135	-1.27692	0.46826	0.879107	-1.13752	0.00127841	2.27061	2.27061	0.354408	1.18098	1.18098	0.169666	0.774603	-1.29098	6.90614	3.33418	0.429141	1
cg26514961	PLXNC1	0.00617653	0.0735506	0.355085	-2.81622	0.00919416	0.179712	-5.56444	0.0092191	0.179878	-5.55931	0.215589	0.508424	-1.96686	0.00108922	0.081964	-12.2005	0.0393925	0.290299	-3.44473	0.0016356	0.09621	-10.3939	0.960746	1.02587	1.02587	0.0142182	0.208109	-4.80517	6.87727	29.3382	3.79198	1
cg07533511	PLXNC1	0.00888139	0.0648858	1.57426	1.57426	0.267717	0.776686	-1.28752	0.000536171	3.25138	3.25138	0.00832016	2.09236	2.09236	0.536838	1.1467	1.1467	0.911531	0.975965	-1.02463	0.733724	0.927985	-1.0776	0.239141	0.763503	-1.30975	0.0455373	1.65192	1.65192	6.13815	4.65782	0.674517	1
cg05136471	PLXNC1	0.0148246	0.694265	0.916558	-1.09104	0.638105	1.11014	1.11014	0.784992	0.941468	-1.06217	0.0348434	0.581321	-1.72022	0.00523647	0.443822	-2.25315	0.181358	1.36746	1.36746	0.0093077	2.07018	2.07018	0.0298604	1.75711	1.75711	0.755268	0.933362	-1.0714	5.20088	4.00686	0.684818	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04199354	PLXNC1	0.021191	0.0166452	0.295544	-3.38359	0.0187926	0.305192	-3.27662	0.0655382	0.422448	-2.36715	0.758934	0.879566	-1.13692	0.0262423	0.333154	-3.00161
cg22433914	PLXNC1	0.0217503	0.140895	1.5841	1.5841	0.0542226	0.530162	-1.88622	0.385155	0.772122	-1.29513	0.0847441	1.73975	1.73975	0.344623	0.753711	-1.32677
cg13565656	PLXNC1	0.0236012	0.314461	0.856894	-1.16701	0.0242524	0.671143	-1.49	0.0271417	0.67821	-1.47447	0.312265	1.16788	1.16788	0.00215704	0.527576	-1.89546
cg12349580	PLXNC1	0.0269642	0.0697034	0.45407	-2.2023	0.0277609	0.363339	-2.75225	0.112102	0.510006	-1.96076	0.174324	0.569833	-1.7549	0.0016208	0.172326	-5.80294
cg23347790	PLXNC1	0.0333161	0.0111798	0.321557	-3.10987	0.0652977	0.477898	-2.0925	0.0799191	0.499884	-2.00046	0.28224	0.671169	-1.48994	0.00257152	0.225022	-4.44402
cg15504747	PLXND1	1.59E-05	0.00126642	1.81819	1.81819	9.33E-05	2.42481	2.42481	0.0487079	0.751171	-1.33125	0.923252	1.01232	1.01232	1.81E-05	0.328724	-3.04207
cg04072910	PLXND1	0.000234439	0.33311	0.861217	-1.16115	0.026565	1.48202	1.48202	0.000654814	0.457669	-2.18498	0.366818	1.14883	1.14883	0.037443	0.696726	-1.43528
cg10685436	PLXND1	0.000297893	0.00479787	0.730138	-1.3696	0.154312	0.879734	-1.13671	3.36E-05	0.508874	-1.96512	0.00766366	0.749757	-1.33377	0.406017	0.931056	-1.07405
cg05944173	PLXND1	0.00145513	0.0113358	0.638384	-1.56645	0.282634	0.853817	-1.17121	0.00421647	0.581352	-1.72013	0.000976034	0.499396	-2.00242	0.000110463	0.38171	-2.61979
cg11199036	PLXND1	0.00209055	0.898827	1.01166	1.01166	6.68E-05	0.513881	-1.94598	0.229125	0.891373	-1.12187	0.112345	1.17059	1.17059	0.213537	0.887499	-1.12676
cg00618865	PLXND1	0.00322908	0.00943312	0.624648	-1.6009	0.40138	1.1307	1.1307	0.149283	1.24751	1.24751	0.077787	0.755546	-1.32355	0.00620349	0.600287	-1.66587
cg01060026	PLXND1	0.00370623	0.568823	1.33992	1.33992	0.14398	0.450405	-2.22022	0.437377	1.49562	1.49562	0.094457	0.392962	-2.54478	0.0210361	0.244087	-4.09691
cg02117764	PLXND1	0.00543867	0.628807	0.928185	-1.07737	0.562205	0.91425	-1.09379	0.00363699	0.54775	-1.82565	0.143396	1.27197	1.27197	0.000470587	0.431395	-2.31806
cg24770850	PLXND1	0.0335936	0.288474	1.20522	1.20522	0.294424	1.20226	1.20226	0.0483826	1.46529	1.46529	0.811912	0.960424	-1.04121	0.110209	1.34296	1.34296
cg08471739	PLXND1	0.0382376	0.766995	0.90192	-1.10875	0.0326648	2.38313	2.38313	0.474726	0.776823	-1.2873	0.273866	0.673296	-1.48523	0.00319416	0.246962	-4.04921
cg03461704	PM20D1	0.00447322	0.0854003	1.49641	1.49641	0.00185142	0.39192	-2.55154	0.000327229	0.292149	-3.42291	0.750492	1.06996	1.06996	0.127067	0.704848	-1.41875
cg06815965	PM20D1	0.00940575	0.381489	0.849339	-1.17739	0.407158	1.16679	1.16679	0.478588	1.14003	1.14003	0.0358304	0.641284	-1.55937	0.887738	1.02603	1.02603
cg07157834	PM20D1	0.0256676	0.239985	1.51405	1.51405	0.00216118	4.26995	4.26995	0.892679	1.04656	1.04656	0.168337	0.609621	-1.64036	0.183484	0.621405	-1.60926
cg26354017	PM20D1	0.039974	0.0495197	5.9496	5.9496	0.00471247	19.849	19.849	0.151973	3.39155	3.39155	0.310924	0.434195	-2.30311	0.0124696	11.8688	11.8688
cg07167872	PM20D1	0.0430668	0.52285	1.33565	1.33565	0.35901	1.52427	1.52427	0.85653	1.08424	1.08424	0.00585588	0.199448	-5.01384	0.308973	1.60091	1.60091
cg24938534	PM20D1	0.0462247	0.474605	0.856545	-1.16748	0.391461	1.2056	1.2056	0.309152	0.799206	-1.25124	0.384017	1.20935	1.20935	0.189633	0.743885	-1.34429
cg14893161	PM20D1;PM20D1	0.00582841	0.00350439	3.67448	3.67448	0.000708952	5.44761	5.44761	0.920203	1.03348	1.03348	0.0730884	0.518475	-1.92873	0.549462	1.2202	1.2202
cg25411849	PM20D2	0.00143743	0.875226	1.01816	1.01816	0.135986	1.20203	1.20203	0.151629	1.19238	1.19238	0.0314734	1.33503	1.33503	0.763705	1.03513	1.03513
cg04693873	PM20D2	0.0212992	0.799734	1.01132	1.01132	0.0129812	0.872438	-1.14621	0.146149	0.933275	-1.0715	0.316581	0.955204	-1.0469	0.190014	1.06337	1.06337
cg13675055	PM20D2	0.0392509	0.716712	0.867481	-1.15276	0.00152222	0.168499	-5.93475	0.0200114	0.334519	-2.98936	0.99831	0.999174	-1.00083	0.189092	0.581147	-1.72073
cg14300568	PMAIP1	0.00155052	0.734637	1.03625	1.03625	0.00279084	1.53933	1.53933	0.0610695	0.801781	-1.24722	0.883723	0.9848	-1.01543	0.399435	0.913673	-1.09448
cg11957475	PMAIP1	0.0107869	0.00279143	7.1656	7.1656	0.159593	2.05064	2.05064	0.265732	1.74051	1.74051	0.451893	1.44228	1.44228	0.858029	1.08933	1.08933
cg13415207	PMAIP1;PMAIP1	0.000217709	0.612382	1.06385	1.06385	0.000362467	1.99879	1.99879	1.02E-05	3.14367	3.14367	0.429863	1.10254	1.10254	0.0373757	0.746277	-1.33998
cg06026375	PMCH	0.000204148	0.00867543	0.51055	-1.95867	0.018084	0.561598	-1.78063	0.000149305	0.270023	-3.70339	0.131693	0.721083	-1.3868	5.86E-05	0.224135	-4.4616
cg15213488	PMCHL1;CDH12	5.71E-05	0.577398	0.942234	-1.06131	0.00348668	1.52048	1.52048	0.00242403	0.639959	-1.5626	0.00318259	0.65324	-1.53083	7.29E-05	0.46629	-2.14459
cg16794882	PMCHL2	0.000506956	0.67366	0.907075	-1.10245	0.0443777	0.587605	-1.70182	1.71E-05	0.131254	-7.61884	0.0312004	0.558686	-1.78991	0.365087	0.807116	-1.23898
cg14277764	PMCHL2	0.0267701	0.611812	0.935344	-1.06913	0.191715	1.19782	1.19782	0.15995	0.821933	-1.21664	0.363278	1.12979	1.12979	0.0186534	1.45124	1.45124
cg02468966	PMEPA1	0.0325516	0.036417	0.308882	-3.23748	0.183809	0.506042	-1.97612	0.108165	0.428845	-2.33184	0.197203	0.51761	-1.93196	0.00339477	0.14604	-6.84746
cg07143805	PMEPA1;PMEPA1;PMEPA1	0.0265988	0.11537	0.550218	-1.81746	0.0834604	0.512364	-1.95174	0.0706245	0.494042	-2.02412	0.513148	0.793367	-1.26045	0.00671146	0.293157	-3.41114
cg26467279	PMEPA1;PMEPA1;PMEPA1	0.0358319	0.0385554	0.323968	-3.08672	0.0564046	0.362049	-2.76206	0.148381	0.482335	-2.07325	0.397108	0.665107	-1.50352	0.00471154	0.170989	-5.84832
cg10919107	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.000142039	0.00513928	2.05029	2.05029	0.000140265	3.58633	3.58633	0.000742414	2.70462	2.70462	0.335668	0.824594	-1.21272	0.0271109	1.66232	1.66232
cg18023251	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.000271858	0.000463476	0.236221	-4.23333	0.000850684	0.268913	-3.71868	0.00590239	0.389203	-2.56936	0.00479573	0.375076	-2.66613	0.000504028	0.240598	-4.15631
cg08243465	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.000733827	0.0294101	0.46141	-2.16727	0.225726	0.681403	-1.46756	0.0964486	0.576762	-1.73382	0.458289	0.796347	-1.25573	0.00138598	0.24716	-4.04597
cg22469870	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.00123374	0.577778	1.06974	1.06974	0.000172097	0.465274	-2.14927	0.307074	1.13515	1.13515	0.18398	1.18408	1.18408	0.00152086	0.57849	-1.72864
cg17978103	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.00126703	0.50268	0.863083	-1.15864	0.00106973	0.351231	-2.84713	0.771089	0.938804	-1.06519	0.0033702	0.421816	-2.3707	0.0172594	0.533719	-1.87365
cg23987549	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.00245205	0.775942	0.884637	-1.13041	0.278952	1.62184	1.62184	0.106112	2.13428	2.13428	0.0801511	0.434337	-2.30236	0.0365963	0.352254	-2.83886
cg25840824	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.00635627	0.469271	0.830735	-1.20375	0.0793249	0.612258	-1.6333	0.0112983	0.44972	-2.2236	0.199022	0.710472	-1.40752	0.00126124	0.305555	-3.27273
cg01117384	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.00861456	0.0216484	0.417889	-2.39298	0.075995	0.535348	-1.86794	0.195229	0.648228	-1.54267	0.175395	0.633821	-1.57773	0.0107942	0.363	-2.75482
cg20139447	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.00919399	0.0115256	0.466668	-2.14285	0.0488168	0.58119	-1.72061	0.0754281	0.620397	-1.61187	0.0287163	0.536701	-1.86324	0.00119639	0.318191	-3.14276
cg10100887	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0098894	0.00877532	0.279845	-3.57341	0.021967	0.350445	-2.85351	0.0268336	0.367655	-2.71994	0.141672	0.547212	-1.82745	0.00345987	0.219919	-4.54712
cg17482197	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0133313	0.00638517	0.357526	-2.797	0.0806962	1.75308	1.75308	0.238172	0.699027	-1.43056	0.0257169	0.464061	-2.15489	0.0062805	0.356377	-2.80602
cg06080194	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0247712	0.11449	0.654697	-1.52742	0.0294069	0.531007	-1.88322	0.012353	0.463652	-2.15679	0.480453	0.837799	-1.1936	0.00421969	0.388547	-2.57369
cg10891507	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0306691	0.87423	0.966719	-1.03443	0.427109	0.84092	-1.18917	0.38879	1.20771	1.20771	0.000689255	0.3305	-3.02572	0.108582	0.687983	-1.45352
cg26681770	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0420518	0.130708	0.135049	-7.40469	0.0311207	0.0448886	-22.2774	0.299402	0.267308	-3.741	0.194189	0.185444	-5.39246	0.0649464	0.0786698	-12.7114
cg27308557	PMEPA1;PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.00273971	0.474006	1.50075	1.50075	0.843395	0.89559	-1.11658	0.483965	1.48672	1.48672	0.00186354	0.0853451	-11.7171	0.0895372	0.352176	-2.83949
cg26912636	PMEPA1;PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0239942	0.995129	1.00217	1.00217	0.245396	1.54071	1.54071	0.0328809	0.41155	-2.42984	0.423555	1.33747	1.33747	0.184586	0.606143	-1.64978
cg12502441	PMEPA1;PMEPA1;PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0232956	0.131876	0.484541	-2.06381	0.0675529	2.49036	2.49036	0.398997	0.680664	-1.46915	0.150236	0.503043	-1.9879	0.0698127	0.405232	-2.46772
cg21815047	PMF1	0.000658042	0.0559966	0.411789	-2.42843	0.578453	0.802178	-1.24661	0.020817	3.21492	3.21492	0.918346	0.960665	-1.04095	?	?	?
cg20674231	PMF1	0.00284259	0.301977	1.27348	1.27348	0.000695892	0.310477	-3.22085	0.0364678	0.577169	-1.73259	0.0948675	0.660357	-1.51433	0.139356	0.69792	-1.43283
cg12080791	PMF1	0.00783549	0.0130412	1.85846	1.85846	0.120407	0.712511	-1.40349	0.40432	0.842232	-1.18732	0.341246	1.21815	1.21815	0.00150366	2.51024	2.51024
cg16516270	PMF1	0.0221539	0.317792	0.815512	-1.22622	0.0111655	1.87408	1.87408	0.128691	1.38305	1.38305	0.0293041	1.66041	1.66041	0.105187	0.704938	-1.41857
cg26011156	PMF1	0.0474157	0.00921127	0.68557	-1.45864	0.165835	1.18383	1.18383	0.112355	1.21822	1.21822	0.982099	0.997441	-1.00257	0.484136	1.08458	1.08458
cg21139821	PMF1;SLC25A44	5.52E-05	2.60E-05	0.324528	-3.0814	0.00653744	0.620383	-1.61191	0.431392	0.897172	-1.11461	0.0980734	1.27787	1.27787	0.00129305	0.530747	-1.88414
cg11075509	PMF1;SLC25A44	0.00418167	0.00787279	0.480082	-2.08298	0.661733	0.909596	-1.09939	0.64045	0.903713	-1.10655	0.0102907	2.00556	2.00556	0.00103417	0.351337	-2.84627
cg24008892	PMF1;SLC25A44	0.00465821	0.0110758	0.413466	-2.41858	0.604712	0.865219	-1.15578	0.20938	0.692942	-1.44312	0.00122891	3.7081	3.7081	0.00900458	0.398253	-2.51097
cg02414618	PMF1;SLC25A44	0.020326	0.113011	1.28684	1.28684	0.00609308	0.592448	-1.68791	0.695539	1.05919	1.05919	0.0372815	1.42395	1.42395	0.665927	1.06557	1.06557
cg04170065	PMFBP1;PMFBP1	0.000298471	0.0431803	0.716691	-1.3953	0.178401	1.22722	1.22722	5.79E-06	0.232059	-4.30924	0.0267411	0.686694	-1.45625	0.118735	0.784654	-1.27445
cg03636048	PMFBP1;PMFBP1	0.0012155	0.266428	0.854853	-1.16979	0.00010534	0.395448	-2.52878	0.0157684	0.669876	-1.49281	0.0153305	0.668246	-1.49646	0.143515	0.808247	-1.23725
cg27261446	PMFBP1;PMFBP1	0.00258707	0.00268344	0.217823	-4.59089	0.000532683	0.138002	-7.24626	0.0799856	0.489918	-2.04116	0.386437	0.721732	-1.38556	0.00125841	0.17736	-5.63826
cg00006090	PMFBP1;PMFBP1	0.00306217	0.92764	0.982246	-1.01807	0.000266491	0.307155	-3.25569	0.00733376	0.50577	-1.97718	0.565282	0.89169	-1.12147	0.424653	1.17445	1.17445
cg27506262	PMFBP1;PMFBP1	0.00500759	0.0085352	2.00534	2.00534	0.252083	0.780318	-1.28153	0.128409	1.40597	1.40597	0.158844	1.36647	1.36647	0.00765258	2.03558	2.03558
cg17156053	PML	0.00136164	0.0303766	0.489281	-2.04382	0.373663	1.2924	1.2924	0.000114866	0.149527	-6.68776	0.272774	0.725716	-1.37795	0.0077718	0.382886	-2.61175
cg18763223	PML;PML;PML;PML	0.0389339	0.171665	0.6445	-1.55159	0.0885119	0.567069	-1.76346	0.00105296	0.231556	-4.31862	0.98536	1.00555	1.00555	0.0624733	0.531024	-1.88315
cg21950208	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.000203956	8.49E-05	0.44317	-2.25647	0.00567601	0.658349	-1.51895	0.000248562	0.498225	-2.00712	0.00356398	0.634508	-1.57602	0.00348613	0.633378	-1.57884
cg01947066	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.000632091	0.00382175	0.239802	-4.17011	0.136945	0.556211	-1.79788	0.00990826	0.303312	-3.29693	0.1264	0.545835	-1.83205	0.0104403	0.307126	-3.256
cg09642075	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.00273195	0.601683	0.848614	-1.17839	0.568368	1.19687	1.19687	0.0194588	0.414609	-2.41191	0.0541802	1.97605	1.97605	0.000238948	0.150183	-6.65856
cg08066123	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.0161616	0.007616	0.67941	-1.47186	0.790824	1.0304	1.0304	0.622375	1.05751	1.05751	0.682913	0.95479	-1.04735	0.0376881	0.762201	-1.31199
cg16584662	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.0314112	0.299262	0.697825	-1.43302	0.552703	0.818022	-1.22246	0.0358989	0.442056	-2.26216	0.652003	0.859138	-1.16396	0.0344712	0.438337	-2.28135
cg16051421	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.0335173	0.0606365	0.590095	-1.69464	0.00378985	0.377589	-2.64838	0.0829039	0.619509	-1.61418	0.0838866	1.61121	1.61121	0.970881	1.00914	1.00914
cg26861525	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.033949	0.536599	0.914058	-1.09402	0.238221	0.837439	-1.19412	0.759711	0.956902	-1.04504	0.817977	0.967437	-1.03366	0.939105	1.01103	1.01103
cg20721338	PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML	0.000560321	0.0260705	0.350952	-2.8494	0.936254	1.03223	1.03223	0.0469964	0.40594	-2.46342	0.635494	0.827499	-1.20846	9.35E-06	0.0225097	-44.4254
cg13885842	PMM1	0.0143458	0.309908	0.912242	-1.0962	0.00265121	1.43832	1.43832	0.336939	1.0904	1.0904	0.419701	1.07473	1.07473	0.251182	0.900504	-1.11049
cg00256281	PMM1	0.0166654	0.0219902	1.3618	1.3618	0.964564	1.00501	1.00501	0.477476	1.08457	1.08457	0.344781	1.11558	1.11558	0.150404	1.18917	1.18917
cg20795891	PMM1	0.0196478	0.00700747	0.508539	-1.96642	0.713753	1.07406	1.07406	0.407685	1.17851	1.17851	0.257114	0.795036	-1.2578	0.0260338	1.66907	1.66907
cg00587342	PMM1	0.0213811	0.098876	0.682865	-1.46442	0.58971	0.891572	-1.12161	0.383783	0.828393	-1.20716	0.269719	1.27417	1.27417	0.0111181	0.511174	-1.95628
cg08527603	PMM1	0.02305	0.0264209	1.66082	1.66082	0.0591759	0.663254	-1.50772	0.0685575	0.675063	-1.48134	0.366167	1.19595	1.19595	0.108613	0.713696	-1.40116
cg03841667	PMM1	0.0348068	0.658136	1.08137	1.08137	0.107345	1.36172	1.36172	0.182102	1.28248	1.28248	0.0812401	1.40432	1.40432	0.107252	1.36186	1.36186
cg03402073	PMM1	0.0387723	0.0322656	0.41386	-2.41628	0.00682255	0.291374	-3.43201	0.00988434	0.3176	-3.14861	0.227175	0.640121	-1.5622	0.0610499	0.475793	-2.10175
cg15641348	PMM1;PMM1	0.00802785	0.731214	1.06248	1.06248	0.162649	0.769534	-1.29949	0.322172	0.83548	-1.19692	0.0183724	0.604799	-1.65344	0.00410342	0.508264	-1.96748
cg27018309	PMM2	9.00E-05	0.0128005	0.458918	-2.17904	0.00311264	0.361079	-2.76948	0.00705431	0.415935	-2.40422	0.832874	0.948162	-1.05467	1.22E-05	0.0977342	-10.2318
cg08676173	PMM2	0.00142255	0.00587446	0.412559	-2.4239	0.0662029	0.602873	-1.65873	0.309075	0.772193	-1.29501	0.00555238	0.408713	-2.44671	5.25E-05	0.156265	-6.3994
cg03743074	PMM2	0.00431904	0.027888	0.710264	-1.40793	0.295128	1.15368	1.15368	0.774887	0.96295	-1.03848	0.654128	0.942351	-1.06118	0.0240801	0.701712	-1.42509
cg06130562	PMM2	0.00809756	0.569088	0.871437	-1.14753	0.00143908	0.332312	-3.00922	0.20003	0.723455	-1.38226	0.0390088	0.564773	-1.77062	0.43474	1.20995	1.20995
cg01849531	PMM2	0.010058	0.994042	0.998111	-1.00189	0.714405	1.09754	1.09754	0.633365	0.885428	-1.1294	0.775286	0.930089	-1.07517	0.000198746	0.205459	-4.86715
cg10496762	PMM2	0.0175542	0.299893	0.813738	-1.2289	0.229546	1.27366	1.27366	0.924616	1.01832	1.01832	0.602885	1.10595	1.10595	0.000562353	0.358462	-2.78969
cg09834232	PMM2;TMEM186	0.0286849	0.61358	0.929661	-1.07566	0.16344	1.23744	1.23744	0.086721	1.31128	1.31128	0.751989	1.04646	1.04646	0.100534	1.29393	1.29393
cg22796481	PMP2	0.0149832	0.0156876	0.431204	-2.31909	0.121802	0.621032	-1.61022	0.0605785	0.548285	-1.82387	0.456436	0.806199	-1.24039	0.00137616	0.26763	-3.7365
cg22864519	PMP2	0.0329244	0.0490413	0.237897	-4.20349	0.00213678	0.0635024	-15.7474	0.20466	0.425173	-2.35198	0.739255	0.807793	-1.23794	0.0270185	0.187668	-5.32855
cg01620570	PMP22;PMP22	0.0014906	0.37179	0.725374	-1.3786	0.0852201	1.94695	1.94695	0.0152063	0.352078	-2.84028	0.00022851	8.53179	8.53179	0.373698	0.726351	-1.37674
cg12798118	PMP22;PMP22	0.0022969	0.727471	0.782732	-1.27758	0.0397375	5.28482	5.28482	?	?	?	0.000170312	87.8351	87.8351	0.964838	1.03135	1.03135
cg21773967	PMP22;PMP22	0.0046582	0.724762	1.17292	1.17292	0.895382	0.942369	-1.06116	0.445696	0.704169	-1.42011	0.000160247	18.3483	18.3483	0.454616	0.709183	-1.41007
cg27298243	PMP22;PMP22	0.00526476	0.557305	0.804257	-1.24338	0.261927	1.53626	1.53626	0.0219141	0.364506	-2.74344	0.41713	1.35575	1.35575	0.731978	0.881454	-1.13449
cg24997298	PMP22;PMP22	0.00614157	0.739111	0.906466	-1.10319	0.739053	0.906445	-1.10321	0.140446	0.627542	-1.59352	0.000832756	4.38394	4.38394	0.645978	0.87293	-1.14557
cg09130288	PMP22;PMP22	0.0153778	0.124137	0.270191	-3.70108	0.0948361	4.23244	4.23244	0.186523	0.332685	-3.00585	0.00289858	24.9758	24.9758	0.982851	0.983249	-1.01704
cg08731623	PMP22;PMP22	0.0394976	0.978731	0.989356	-1.01076	0.132313	1.91927	1.91927	0.0316117	0.363651	-2.74989	0.151229	1.85395	1.85395	0.966228	0.983149	-1.01714
cg14912728	PMP22;PMP22;PMP22	0.000131496	0.336555	1.18694	1.18694	0.56965	0.905392	-1.10449	0.00269741	0.488194	-2.04836	2.07E-06	7.54755	7.54755	0.368993	0.852498	-1.17302
cg08794157	PMP22;PMP22;PMP22	0.000862507	0.370306	1.20161	1.20161	0.0122979	1.86345	1.86345	0.646913	1.09644	1.09644	1.12E-05	6.45099	6.45099	0.643966	0.911277	-1.09736
cg14314071	PMP22;PMP22;PMP22	0.00290327	0.948074	0.962649	-1.0388	0.178942	2.30366	2.30366	0.0608078	0.290757	-3.4393	0.00052286	23.5818	23.5818	0.718755	0.809479	-1.23536
cg22229594	PMP22;PMP22;PMP22	0.00333163	0.864971	0.937162	-1.06705	0.222392	1.63063	1.63063	0.040796	0.406393	-2.46067	0.000444783	8.27693	8.27693	0.448143	0.744704	-1.34282
cg02077256	PMP22;PMP22;PMP22	0.00832999	0.863883	0.965271	-1.03598	0.000803392	0.352726	-2.83506	0.000890001	0.358666	-2.78811	0.426674	0.846034	-1.18199	0.887626	1.02955	1.02955
cg17171801	PMP22;PMP22;PMP22	0.00966958	0.139643	1.53066	1.53066	0.937522	0.979223	-1.02122	0.132892	1.54379	1.54379	0.303237	1.33055	1.33055	0.000507481	0.233435	-4.28385
cg16879936	PMP22;PMP22;PMP22	0.0137347	0.352279	1.20596	1.20596	0.0131169	1.82554	1.82554	0.962876	1.00915	1.00915	0.734844	0.935653	-1.06877	0.0482627	1.55517	1.55517
cg10964577	PMP22;PMP22;PMP22	0.0278826	0.586086	0.933619	-1.0711	0.337508	0.883801	-1.13148	0.299359	1.14381	1.14381	0.553131	0.92779	-1.07783	0.194433	0.842413	-1.18707
cg26388450	PMP22;PMP22;PMP22	0.0333381	0.739272	0.952437	-1.04994	0.481487	1.11003	1.11003	0.00962966	1.61298	1.61298	0.00675515	0.599115	-1.66913	0.405904	0.883329	-1.13208
cg20315954	PMP22;PMP22;PMP22	0.0489555	0.326377	1.19601	1.19601	0.39609	1.16593	1.16593	0.441531	1.1487	1.1487	0.237896	0.803807	-1.24408	0.147747	1.31567	1.31567
cg00633736	PMP22;PMP22;PMP22;PMP22	0.000471537	0.221315	1.37738	1.37738	0.000212398	4.67102	4.67102	0.0193279	2.02294	2.02294	0.118054	1.52603	1.52603	0.000265489	0.225036	-4.44374
cg21249481	PMPCA	0.000118983	0.396818	0.904254	-1.10588	0.964952	1.00511	1.00511	0.182132	1.17853	1.17853	0.0248148	1.36327	1.36327	1.82E-06	0.252079	-3.96701
cg03083680	PMPCA	0.000860481	0.124356	0.797953	-1.25321	4.01E-05	0.344997	-2.89857	0.8815	0.97997	-1.02044	0.000410678	0.467208	-2.14038	0.250952	0.849837	-1.1767
cg13740078	PMPCA	0.00129052	0.135095	0.818838	-1.22124	0.363255	1.12293	1.12293	0.00309795	0.605216	-1.6523	0.611833	1.06556	1.06556	0.00916961	0.663276	-1.50767
cg13560760	PMPCA	0.00848401	0.0233275	0.734619	-1.36125	0.0168761	1.39332	1.39332	0.0646917	1.26631	1.26631	0.213866	0.861636	-1.16058	0.135342	1.201	1.201
cg13253220	PMPCA	0.0122755	0.649506	1.22144	1.22144	0.00516099	0.198972	-5.02584	0.604014	0.795525	-1.25703	0.228901	0.575767	-1.73681	0.00114314	0.12357	-8.0926
cg14209471	PMPCA	0.0166485	0.18893	0.754514	-1.32536	0.457772	0.858105	-1.16536	0.187734	0.75387	-1.32649	0.111377	1.42044	1.42044	0.00422019	0.460544	-2.17135
cg10079837	PMPCB	0.00195163	0.0671366	0.863921	-1.15751	0.667475	0.969659	-1.03129	0.000786368	1.43596	1.43596	0.00863227	1.26962	1.26962	0.000989871	1.4175	1.4175
cg16844055	PMPCB	0.00463458	0.0338179	0.656096	-1.52417	0.45168	0.877736	-1.13929	0.000704458	0.415526	-2.40659	0.100061	0.736049	-1.3586	0.451437	0.877672	-1.13938
cg06442530	PMPCB	0.0223292	0.769635	1.06721	1.06721	0.0018059	0.3742	-2.67236	0.0886722	0.659679	-1.51589	0.111452	1.46821	1.46821	0.285478	0.78213	-1.27856
cg05204389	PMPCB	0.0232741	0.0434815	0.609669	-1.64023	0.00592815	0.464377	-2.15342	0.018437	0.543731	-1.83915	0.889323	1.03012	1.03012	0.414077	1.19476	1.19476
cg11414945	PMS1;PMS1;PMS1	0.000680838	0.176735	1.32006	1.32006	0.00109296	0.39396	-2.53833	0.110932	0.714749	-1.39909	0.00235451	0.440182	-2.27179	0.000569086	0.356252	-2.807
cg11296782	PMS1;PMS1;PMS1	0.0010247	0.00716071	0.42823	-2.33519	0.00788249	0.434955	-2.29909	0.00145008	0.325035	-3.07659	0.070982	0.610993	-1.63668	4.59E-05	0.152448	-6.55962
cg13941078	PMS1;PMS1;PMS1	0.00367902	0.798727	0.967833	-1.03324	0.00851269	0.650731	-1.53673	0.514471	0.918891	-1.08827	0.0406919	1.35305	1.35305	0.327474	0.878671	-1.13808
cg10081115	PMS1;PMS1;PMS1	0.00760977	0.401358	1.12709	1.12709	0.178154	0.819323	-1.22052	0.1808	0.820436	-1.21886	0.52293	0.913766	-1.09437	0.0574571	1.34889	1.34889
cg06862707	PMS1;PMS1;PMS1	0.0107602	0.616267	0.930452	-1.07475	0.877596	0.978252	-1.02223	0.0430724	0.717434	-1.39386	0.0033077	0.565076	-1.76967	0.00426675	0.579567	-1.72543
cg15945313	PMS1;PMS1;PMS1;ORMDL1;ORMDL1	0.0205279	0.306508	0.802279	-1.24645	0.0491925	1.59551	1.59551	0.283064	1.26124	1.26124	0.277314	1.26504	1.26504	0.212217	1.31446	1.31446
cg26708280	PMS1;PMS1;PMS1;PMS1;PMS1;PMS1;ORMDL1;ORMDL1	0.0340546	0.06282	0.680741	-1.46899	0.160963	1.31665	1.31665	0.910907	0.979646	-1.02078	0.0856147	1.41775	1.41775	0.0420791	1.53772	1.53772
cg09793796	PMS2;AIMP2;PMS2	0.00073595	0.000474073	0.640675	-1.56085	0.00140592	0.687205	-1.45517	0.381518	1.07552	1.07552	0.0375507	1.21619	1.21619	0.269797	0.911003	-1.09769

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04199354	0.049322	0.392455	-2.54806	0.00448671	0.206063	-4.85288	0.246592	1.65721	1.65721	0.115751	0.490288	-2.03962	4.61274	12.6975	2.44685	1
cg22433914	0.0116269	2.49965	2.49965	0.0123149	2.4728	2.4728	0.125199	1.6194	1.6194	0.0538246	1.88873	1.88873	4.5718	6.10877	1.18772	1
cg13565656	0.266282	0.842004	-1.18764	0.0772902	0.74707	-1.33856	0.0218546	0.664651	-1.50455	0.152569	0.796535	-1.25544	4.44509	1.5518	0.310316	1
cg12349580	0.0655231	0.447313	-2.23557	0.217256	0.603357	-1.65739	0.00860151	0.271387	-3.68477	0.388766	0.709089	-1.41026	4.24364	10.1809	2.13252	1
cg23347790	0.19633	0.614149	-1.62827	0.611326	1.20066	1.20066	0.227634	0.636402	-1.57133	0.046997	0.444292	-2.25077	3.93654	7.93864	1.79258	1
cg15504747	0.0617426	1.30656	1.30656	0.399012	0.896072	-1.11598	3.01E-06	4.1115	4.1115	0.420274	0.900642	-1.11032	35.9555	9.19784	0.227389	1
cg04072910	1.43E-05	0.258725	-3.86511	0.00508386	0.574534	-1.74054	0.15109	1.25891	1.25891	0.0025178	0.533763	-1.87349	17.5952	6.24085	0.31528	1
cg10685436	0.00994265	0.760632	-1.3147	0.000302795	1.63806	1.63806	0.178199	0.886731	-1.12774	0.89973	0.989463	-1.01065	16.4819	1.84333	0.0994129	1
cg05944173	0.303395	0.859934	-1.16288	0.0678131	1.33586	1.33586	0.151489	0.804489	-1.24302	0.0564222	0.73656	-1.35766	10.5716	3.35499	0.282098	1
cg11199036	0.696124	1.03641	1.03641	0.00310158	0.691636	-1.44585	0.305622	1.10148	1.10148	0.479666	1.06766	1.06766	9.51819	1.25156	0.116881	1
cg00618865	0.019035	1.50075	1.50075	0.00128462	0.511097	-1.95658	0.0103261	0.62995	-1.58743	0.998623	1.00025	1.00025	8.37285	2.71225	0.287942	1
cg01060026	0.000112905	0.0318677	-31.3797	0.227572	1.90332	1.90332	0.469371	0.687972	-1.45355	0.0125305	0.206376	-4.84552	8.03475	32.853	3.63455	1
cg02117764	0.109442	0.765663	-1.30606	0.36386	0.866958	-1.15346	0.0941483	1.32519	1.32519	0.0263855	0.668419	-1.49607	7.15213	2.65137	0.329521	1
cg24770850	0.979431	1.00438	1.00438	0.0094461	0.572814	-1.74577	0.0310292	0.651259	-1.53549	0.163439	1.28652	1.28652	3.92481	1.78354	0.403934	1
cg08471739	0.222711	1.56072	1.56072	0.808175	0.918971	-1.08817	0.716911	1.13485	1.13485	0.10136	0.536234	-1.86486	3.74458	7.15774	1.6991	1
cg03461704	0.845851	0.959582	-1.04212	0.649155	0.90748	-1.10195	0.242934	1.29564	1.29564	0.554696	1.13503	1.13503	7.59145	5.4019	0.632513	1
cg06815965	0.71472	1.06907	1.06907	0.000391171	0.357665	-2.79591	0.086576	1.41113	1.41113	0.122487	1.35591	1.35591	6.0273	3.15943	0.465943	1
cg07157834	0.320538	0.707489	-1.41345	0.0364568	0.440571	-2.26978	0.217105	1.54932	1.54932	0.899964	1.04331	1.04331	4.31742	7.77192	1.60012	1
cg26354017	0.439035	1.87395	1.87395	0.7286	1.31942	1.31942	0.0555279	5.62227	5.62227	0.280804	2.44013	2.44013	3.68402	36.9463	8.91448	1
cg07167872	0.71996	0.851382	-1.17456	0.796333	1.12254	1.12254	0.015351	3.78022	3.78022	0.084321	2.34768	2.34768	3.58378	11.337	2.81193	1
cg24938534	0.743237	0.932395	-1.07251	0.00171609	2.59358	2.59358	0.524695	0.871727	-1.14715	0.345809	0.813215	-1.22969	3.49019	2.50679	0.638434	1
cg14893161	0.470074	1.27314	1.27314	0.336312	1.3851	1.3851	0.00441927	3.48498	3.48498	0.0881006	1.85606	1.85606	7.00154	11.9739	1.52017	1
cg25411849	0.0556207	0.780039	-1.28199	3.28E-05	0.39689	-2.51959	0.633466	1.05656	1.05656	0.664842	0.951302	-1.05119	10.6088	2.20406	0.184673	1
cg04693873	0.480874	1.03222	1.03222	0.174257	1.06606	1.06606	0.00248775	1.20451	1.20451	0.66789	1.01929	1.01929	4.60472	0.142887	0.0275827	1
cg13675055	0.0575879	0.432702	-2.31106	0.905979	0.954951	-1.04717	0.439353	0.73515	-1.36027	0.116708	0.514309	-1.94436	3.70884	8.93973	2.14256	1
cg14300568	0.0138906	0.727523	-1.37453	0.000318612	1.84043	1.84043	0.705738	1.0405	1.0405	0.00255534	1.54953	1.54953	10.3801	1.80077	0.154208	1
cg11957475	0.322703	0.61378	-1.62925	0.0410941	3.08396	3.08396	0.002112	7.88889	7.88889	0.00519525	5.8271	5.8271	5.76873	20.8613	3.21446	1
cg13415207	0.379451	1.11542	1.11542	0.0257611	0.725574	-1.37822	0.328965	1.12981	1.12981	0.00360986	1.61165	1.61165	17.953	4.17271	0.206599	1
cg06026375	0.000164393	0.274965	-3.63682	0.000146441	0.269033	-3.71701	0.767343	0.942122	-1.06143	0.00104759	0.377325	-2.65024	18.2692	11.6847	0.568519	1
cg15213488	0.000518409	0.56419	-1.77245	3.14E-05	0.42407	-2.3581	0.00156341	1.61676	1.61676	0.0109458	0.71351	-1.40152	25.6985	4.548	0.157312	1
cg16794882	0.261571	0.7637	-1.30941	0.467124	0.843345	-1.18575	9.36E-05	0.201082	-4.97309	0.670601	0.906184	-1.10353	14.2358	11.954	0.746413	1
cg14277764	0.293906	1.15279	1.15279	0.0450559	0.740556	-1.35034	0.0132297	0.669611	-1.4934	0.108717	1.2567	1.2567	4.2544	1.14935	0.240138	1
cg02468966	0.503859	0.720602	-1.38773	0.0128909	0.225051	-4.44344	0.0120652	0.220454	-4.53609	0.112661	0.434231	-2.30292	3.9695	14.6699	3.28503	1
cg07143805	0.767085	0.901525	-1.10923	0.00845687	0.309296	-3.23315	0.00385853	0.256969	-3.89153	0.170364	0.600723	-1.66466	4.26398	8.2264	1.71491	1
cg26467279	0.454328	0.698759	-1.43111	0.00896811	0.209487	-4.77356	0.0233151	0.279466	-3.57826	0.0957224	0.422896	-2.36465	3.83435	13.4326	3.11398	1
cg10919107	0.591982	1.11083	1.11083	0.00433419	2.09734	2.09734	7.51E-06	6.78074	6.78074	0.00124847	2.49916	2.49916	20.1508	12.0442	0.531292	1
cg18023251	0.0684721	0.586056	-1.70632	1.55E-05	0.0961112	-10.4046	0.00313312	0.347081	-2.88117	0.00383645	0.36024	-2.77593	16.8991	18.3694	0.966226	1
cg08243465	0.299133	0.722905	-1.38331	1.41E-05	0.0652108	-15.3349	0.257762	1.42774	1.42774	0.0149394	0.405593	-2.46552	12.8399	18.4884	1.27993	1
cg22469870	0.126867	1.2189	1.2189	0.0011223	0.562674	-1.77723	0.725466	0.958614	-1.04317	0.667812	1.05312	1.05312	11.0837	2.52292	0.202333	1
cg17978103	0.991934	1.00219	1.00219	4.29E-05	0.185948	-5.37784	0.686748	0.915987	-1.09172	0.078323	0.654861	-1.52704	10.9996	8.16227	0.659599	1
cg23987549	0.164526	0.528845	-1.89091	0.865862	0.92995	-1.07533	0.0273774	0.325899	-3.06843	5.60E-05	0.0400566	-24.9647	9.08364	26.5475	2.59784	1
cg25840824	0.160756	0.685675	-1.45842	0.000327411	0.231759	-4.31483	0.449691	0.823641	-1.21412	0.0902621	0.624869	-1.60033	6.81647	6.84896	0.893125	1
cg01117384	0.271119	0.695903	-1.43698	0.000218536	0.142235	-7.03061	0.978052	0.991333	-1.00874	0.0469612	0.486957	-2.05357	6.19773	9.82889	1.40968	1
cg20139447	0.0584245	0.597045	-1.67492	0.00196914	0.348216	-2.87178	0.114427	0.660914	-1.51306	0.0164942	0.493312	-2.02711	6.07112	5.59379	0.819003	1
cg10100887	0.113654	0.518533	-1.92852	0.000833012	0.146736	-6.81495	0.608587	0.821135	-1.21783	0.167915	0.570788	-1.75196	5.93167	13.6761	2.04943	1
cg17482197	0.437898	1.25775	1.25775	0.0086485	0.379048	-2.63819	0.537237	0.834387	-1.19848	0.501233	0.820509	-1.21876	5.38565	7.16386	1.18238	1
cg06080194	0.278211	0.757125	-1.32079	0.00367635	0.379475	-2.63522	0.40151	0.809066	-1.23599	0.166637	0.694978	-1.43889	4.37118	4.21513	0.857156	1
cg10891507	0.20234	0.750046	-1.33325	0.71383	0.924316	-1.08188	0.596764	0.89218	-1.12085	0.32543	1.2423	1.2423	4.0549	2.93216	0.642769	1
cg26681770	0.245722	0.225513	-4.43433	0.00184031	0.00439789	-227.382	0.0310909	0.0448557	-22.2937	0.133876	0.137621	-7.26634	3.61567	86.1786	21.1864	1
cg27308557	?	?	?	?	?	?	0.0203379	0.210294	-4.75524	0.000301189	0.0377483	-26.4913	9.23732	35.3681	4.37581	1
cg26912636	0.0299289	2.48109	2.48109	0.158582	0.585	-1.7094	0.00373456	0.248299	-4.0274	0.341043	0.705363	-1.41771	4.41977	8.85931	1.78175	1
cg12502441	0.485906	1.37088	1.37088	0.00172326	0.136363	-7.33338	0.0988513	0.446545	-2.23942	0.0947033	0.441203	-2.26653	4.46515	14.0363	2.79424	1
cg21815047	?	?	?	0.00012631	26.3255	26.3255	0.000945049	9.59171	9.59171	0.000597884	11.7596	11.7596	22.5898	40.5742	1.53954	1
cg20674231	0.786132	0.940365	-1.06342	0.00687924	2.20578	2.20578	0.0543902	1.63801	1.63801	0.0130389	2.0064	2.0064	8.69602	7.03921	0.719533	1
cg12080791	0.21131	1.30341	1.30341	0.00163529	2.4787	2.4787	0.176482	1.33527	1.33527	0.491935	1.15079	1.15079	6.38573	4.09481	0.569995	1
cg16516270	0.485544	0.869394	-1.15023	0.146953	1.3599	1.3599	0.0085362	1.94021	1.94021	0.11732	1.39929	1.39929	4.54306	2.80648	0.549112	1
cg26011156	0.581448	0.9384	-1.06564	0.278813	0.879342	-1.13721	0.670164	1.05014	1.05014	0.0182778	1.38691	1.38691	3.45692	0.713897	0.183567	1
cg21139821	0.0704972	0.760987	-1.31408	4.10E-06	0.236277	-4.23233	0.192432	1.20492	1.20492	0.000718471	0.498778	-2.0049	25.9367	7.49978	0.257029	1
cg11075509	0.0866785	0.665467	-1.5027	0.0422514	0.604384	-1.65458	0.0269674	1.75727	1.75727	0.334344	0.80711	-1.23899	7.74794	5.68416	0.65212	1
cg24008892	0.534177	0.83984	-1.1907	0.0703709	0.570789	-1.75196	0.0281909	2.05137	2.05137	0.216391	0.697224	-1.43426	7.49862	9.12817	1.08206	1
cg02414618	0.0857578	1.32001	1.32001	0.0168562	1.53158	1.53158	0.126956	0.785575	-1.27295	0.851337	1.02781	1.02781	4.67877	1.58395	0.300924	1
cg04170065	0.274404	0.84971	-1.17687	0.00167677	0.525526	-1.90285	0.104178	1.28969	1.28969	0.0447691	0.718998	-1.39083	16.4732	5.35038	0.288706	1
cg03636048	0.126277	1.25111	1.25111	0.00194495	1.81049	1.81049	0.521162	0.915694	-1.09207	0.464565	0.904103	-1.10607	11.1309	3.2337	0.258236	1
cg27261446	0.189529	0.600232	-1.66602	0.00118237	0.174279	-5.73794	0.0442553	0.427941	-2.33677	0.00773484	0.284624	-3.51341	8.94142	19.1046	1.89924	1
cg00006090	0.00567401	2.04546	2.04546	0.652083	1.09364	1.09364	0.284594	0.803152	-1.24509	0.0416496	0.62929	-1.58909	8.50616	5.23963	0.547539	1
cg27506262	0.0379956	1.64667	1.64667	0.00657819	2.07859	2.07859	0.000368044	3.26265	3.26265	0.180192	1.34322	1.34322	7.3352	4.99377	0.605152	1
cg17156053	0.88392	0.959797	-1.04189	0.00502791	0.352656	-2.83563	0.000422239	0.208232	-4.80233	0.0733741	0.570774	-1.75201	10.7751	13.4626	1.1106	1
cg18763223	0.953582	0.982581	-1.01773	0.503794	1.22728	1.22728	0.429886	0.784076	-1.27539	0.377658	0.76089	-1.31425	3.7199	5.36899	1.28295	1
cg21950208	0.466152	0.918109	-1.08919	0.000402856	1.9121	1.9121	0.521558	0.927888	-1.07772	0.274799	0.877303	-1.13986	18.2738	3.84131	0.186852	1
cg01947066	9.47E-05	0.0783559	-12.7623	0.000151858	0.0925811	-10.8013	0.00741275	0.282802	-3.53604	0.000487598	0.13517	-7.39809	13.3878	28.4266	1.88741	1
cg09642075	0.0077422	0.344337	-2.90413	0.153153	0.620769	-1.6109	0.932568	0.973967	-1.02673	0.00313219	0.283927	-3.52203	8.79876	13.5379	1.36766	1
cg08066123	0.274693	0.879835	-1.13658	0.0100899	1.44149	1.44149	0.342796	0.895751	-1.11638	0.0208247	1.36801	1.36801	5.05406	1.01566	0.178631	1
cg16584662	0.300252	0.698376	-1.43189	0.0103271	0.339391	-2.94646	0.0185746	2.59742	2.59742	0.120314	0.569195	-1.75687	4.02048	7.12176	1.57455	1
cg16051421	0.814717	0.943141	-1.06029	0.325552	1.28806	1.28806	0.357517	1.26613	1.26613	0.123133	0.659347	-1.51665	3.92802	3.8685	0.87542	1
cg26861525	0.134479	0.79315	-1.2608	0.000447114	0.451444	-2.21511	0.508603	0.908194	-1.10109	0.621033	0.930936	-1.07419	3.90996	1.277	0.290314	1
cg20721338	?	?	?	0.0122109	0.289912	-3.44932	0.445062	1.36166	1.36166	0.54112	0.782451	-1.27803	14.1816	31.3939	2.21371	1
cg13885842	0.006996	0.7372	-1.35648	0.0300581	1.24988	1.24988	0.836432	0.982091	-1.01824	0.554796	1.05361	1.05361	5.25751	0.636264	0.107573	1
cg00256281	0.667509	1.04977	1.04977	0.000720041	0.560787	-1.78321	0.875539	0.982537	-1.01777	0.758125	1.03533	1.03533	5.0026	1.0009	0.177845	1
cg20795891	0.00788772	0.516356	-1.93665	0.0553333	0.656229	-1.52386	0.715596	1.07354	1.07354	0.83704	1.04075	1.04075	4.73303	2.81925	0.529472	1
cg00587342	0.123349	1.42173	1.42173	0.00254578	0.413661	-2.41744	0.283863	1.26454	1.26454	0.380468	0.827248	-1.20883	4.59868	3.23681	0.62565	1
cg08527603	0.789937	0.949843	-1.05281	0.0167942	1.75491	1.75491	0.0465739	1.55156	1.55156	0.229976	1.27474	1.27474	4.4815	2.63648	0.522935	1
cg03841667	0.530903	0.894482	-1.11797	0.00342564	0.497312	-2.01081	0.930791	1.01538	1.01538	0.168986	1.29362	1.29362	3.87488	1.89393	0.434463	1
cg03402073	0.0328928	0.415611	-2.4061	0.0568783	0.468485	-2.13454	0.928862	0.96907	-1.03192	0.318628	0.695821	-1.43715	3.72558	7.30488	1.74288	1
cg15641348	0.806995	1.04396	1.04396	0.00455287	0.51471	-1.94284	0.332735	0.838938	-1.19198	0.00727128	1.8377	1.8377	6.33721	3.10045	0.434884	1
cg27018309	0.843171	0.951328	-1.05116	5.18E-06	0.0736936	-13.5697	0.0717172	0.602593	-1.6595	0.0126825	0.458228	-2.18232	22.772	22.8855	0.893316	1
cg08676173	0.278298	0.758164	-1.31898	0.00178792	0.335681	-2.97902	0.340188	1.27303	1.27303	0.165385	0.695333	-1.43816	10.6406	10.1638	0.849057	1
cg03743074	0.626037	0.937385	-1.0668	9.78E-05	0.40194	-2.48794	0.40043	1.12	1.12	0.0667984	0.762941	-1.31072	7.67257	2.10656	0.244051	1
cg06130562	0.973789	0.992174	-1.00789	0.0160701	2.02287	2.02287	0.221238	1.36	1.36	0.0092057	0.453557	-2.20479	6.31999	5.72356	0.805003	1
cg01849531	0.130421	0.661252	-1.51228	0.669493	1.11486	1.11486	0.292266	1.31875	1.31875	0.0345304	0.535684	-1.86677	5.8997	5.99122	0.902678	1
cg10496762	0.0505654	0.652151	-1.53339	0.462438	0.866307	-1.15433	0.328153	1.21367	1.21367	0.110514	0.716297	-1.39607	4.91637	2.8662	0.518215	1
cg09834232	0.828258	1.03161	1.03161	0.00324978	0.562778	-1.7769	0.064598	0.742789	-1.34628	0.20893	1.20891	1.20891	4.15223	1.34923	0.288836	1
cg22796481	0.0146492	0.425875	-2.34811	0.0743569	0.568527	-1.75893	0.533887	0.836149	-1.19596	0.00539164	0.353287	-2.83056	5.18262	6.62168	1.13571	1
cg22864519	0.109238	0.327586	-3.05263	0.077809	0.285825	-3.49865	0.513056	1.52789	1.52789	0.0568901	0.252334	-3.963	3.95331	25.5666	5.74858	1
cg01620570	0.000361543	7.40665	7.40665	0.900032	1.04499	1.04499	0.808788	0.918618	-1.08859	0.645207	1.17625	1.17625	10.4986	20.3835	1.72582	1
cg12798118	0.000936987	31.717	31.717	0.364531	0.520792	-1.92015	0.0378414	5.3985	5.3985	0.648012	1.37965	1.37965	9.46969	65.3572	6.90173	1
cg21773967	0.00808842	4.61917	4.61917	0.190539	0.535037	-1.86903	0.0349131	3.03168	3.03168	0.80584	1.11752	1.11752	7.49862	24.1758	2.8658	1
cg27298243	0.00274749	4.55744	4.55744	0.000420811	7.77932	7.77932	0.798041	0.910181	-1.09868	0.82601	1.08416	1.08416	7.22373	15.4118	1.89644	1
cg24997298	0.00272956	3.37233	3.37233	0.161244	0.644288	-1.5521	0.017493	2.33916	2.33916	0.470235	1.2409	1.2409	6.88935	9.41968	1.21536	1
cg09130288	0.00409732	20.6356	20.6356	0.271978	0.407099	-2.45641	0.685597	1.37695	1.37695	0.80954	1.20897	1.20897	5.13822	50.2658	8.69577	1
cg08731623	0.00347975	4.9119	4.9119	0.25087	0.617811	-1.61862	0.720002	0.865472	-1.15544	0.999394	1.0003	1.0003	3.70031	9.4421	2.26818	1
cg14912728	0.710984	0.937655	-1.06649	0.581835	0.908281	-1.10098	0.638595	1.08526	1.08526	0.0710469	1.41736	1.41736	20.5733	9.74742	0.421147	1
cg08794157	0.0103344	1.90591	1.90591	0.73268	1.07084	1.07084	0.495252	1.14826	1.14826	0.0260844	1.69399	1.69399	12.2692	7.74428	0.561063	1
cg14314071	0.00366382	9.93967	9.93967	0.247949	0.49364	-2.02577	0.00161808	14.031	14.031	0.211593	2.15794	2.15794	8.64177	46.7536	4.80906	1
cg22229594	0.00261689	4.89927	4.89927	0.772503	0.895356	-1.11687	0.00485441	4.15425	4.15425	0.976204	0.988691	-1.01144	8.29514	19.1021	2.04694	1
cg02077256	0.713542	1.07891	1.07891	0.592884	1.11759	1.11759	0.569114	1.12585	1.12585	0.138857	0.72023	-1.38845	6.26386	4.20979	0.597401	1
cg17171801	0.288234	1.3435	1.3435	0.0222169	2.08361	2.08361	0.345942	0.771089	-1.29687	0.773506	0.92563	-1.08035	5.9744	6.78684	1.00977	1
cg16879936	0.0064421	2.00014	2.00014	0.00106967	2.57475	2.57475	0.157417	1.3442	1.3442	0.705776	0.928479	-1.07703	5.33329	3.23334	0.538894	1
cg10964577	0.325827	0.880965	-1.13512	0.000444963	0.50039	-1.99844	0.845216	1.02472	1.02472	0.59973	0.935988	-1.06839	4.19399	1.03662	0.219705	1
cg26388450	0.446575	1.11984	1.11984	0.141881	1.25912	1.25912	0.623131	0.930284	-1.07494	0.164625	0.805484	-1.24149	3.93561	1.32681	0.29967	1
cg20315954	0.0717724	1.42634	1.42634	0.00251558	2.0984	2.0984	0.0359294	1.53893	1.53893	0.549826	1.11281	1.11281	3.41539	1.68793	0.4393	1
cg00633736	0.792708	0.936512	-1.06779	0.00104162	0.298493	-3.35016	0.708028	0.91056	-1.09823	0.832578	0.948644	-1.05414	14.5246	14.2682	0.873199	1
cg21249481	0.240654	1.15314	1.15314	0.0889398	1.24312	1.24312	0.0286738	0.74127	-1.34904	0.0841626	0.801204	-1.24812	21.1333	4.50349	0.189422	1
cg03083680	0.319637	0.869791	-1.1497	0.0933701	1.28447	1.28447	0.673225	1.05922	1.05922	0.17514	1.21603	1.21603	12.2774	3.57774	0.259031	1
cg13740078	2.73E-05	0.358295	-2.791	0.392925	0.897098	-1.11471	0.230186	0.855389	-1.16906	0.128529	0.815595	-1.2261	10.942	2.66796	0.216736	1
cg13560760	0.00299228	0.629194	-1.58934	0.0617478	1.27049	1.27049	0.202623	0.858081	-1.16539	0.721693	1.04154	1.04154	6.22772	1.27704	0.182274	1
cg13253220	0.0214944	0.298944	-3.34511	0.58448	1.27308	1.27308	0.850134	0.920628	-1.08621	0.0186445	0.287423	-3.47919	5.53256	16.7489	2.69096	1
cg14209471	0.0427212	0.623683	-1.60338	0.00266691	0.431421	-2.31792	0.614215	1.10834	1.10834	0.12267	0.712824	-1.40287	5.0043	3.24631	0.576625	1
cg10079837	0.585361	1.04005	1.04005	0.014331	0.806342	-1.24017	0.197451	1.102	1.102	0.0441881	1.17916	1.17916	9.71089	0.781591	0.0715432	1
cg16844055	0.264343	0.820484	-1.21879	0.000390019	0.382289	-2.61582	0.765641	0.950431	-1.05215	0.184801	1.27023	1.27023	7.51022	3.44034	0.407189	1
cg06442530	0.0253644	0.555028	-1.80171	0.116246	0.685154	-1.45953	0.61515	0.893789	-1.11883	0.0410543	0.593207	-1.68575	4.53078	3.52097	0.690777	1
cg05204389	0.0203063	1.81535	1.81535	0.417084	0.837988	-1.19333	0.936258	1.01719	1.01719	0.445568	0.847277	-1.18025	4.46657	3.21326	0.639468	1
cg11414945	6.72E-05	0.243742	-4.1027	0.883223	1.02883	1.02883	0.874419	0.969878	-1.03106	0.385309	0.841886	-1.18781	13.1125	7.76533	0.526407	1
cg11296782	0.0173127	0.492632	-2.02991	0.00359422	0.381765	-2.61941	0.832385	1.05313	1.05313	0.0111166	0.45957	-2.17595	11.6854	11.0397	0.839776	1
cg13941078	0.809206	0.969522	-1.03144	0.000298911	2.1232	2.1232	0.117175	0.80431	-1.2433	0.0432217	0.742621	-1.34658	8.05253	2.08815	0.230503	1
cg10081115	0.682366	1.05899	1.05899	0.000284897	2.28292	2.28292	0.50796	1.09806	1.09806	0.059429	0.743517	-1.34496	6.44459	1.98015	0.273118	1
cg06862707	0.827082	1.0317	1.0317	0.0114838	1.57008	1.57008	0.951013	1.0088	1.0088	0.649177	1.06752	1.06752	5.77334	1.86101	0.286529	1
cg15945313	0.0191566	0.554412	-1.80371	0.003036	0.429492	-2.32833	0.3245	0.809188	-1.23581	0.8921	1.02864	1.02864	4.66305	3.19785	0.609586	1
cg26708280	0.0630745	0.681056	-1.46831	0.0156543	0.580218	-1.72349	0.38396	1.17823	1.17823	0.768951	0.947321	-1.05561	3.90558	2.08783	0.475179	1
cg09793796	0.00395577	0.730238	-1.36942	0.000199769	0.602578	-1.65954	0.145445	0.880913	-1.13519	0.00919332	0.764711	-1.30768	12.8295	1.33684	0.0926231	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04317940	PMS2;AIMP2;PMS2	0.0120735	0.403847	0.885599	-1.12918	0.0686486	0.748368	-1.33624	0.00335551	0.566878	-1.76405	0.119273	0.786277	-1.27182	0.753846	1.04576	1.04576
cg12502785	PMS2;AIMP2;PMS2;AIMP2	0.0485524	0.524283	0.915412	-1.0924	0.360264	0.879132	-1.13749	0.612009	1.07257	1.07257	0.00491824	0.600313	-1.6658	0.425367	0.894499	-1.11794
cg08738770	PMS2;PMS2	0.0039508	0.203685	0.811425	-1.2324	0.381929	0.869645	-1.14989	0.542333	1.10083	1.10083	0.14917	1.27243	1.27243	0.000998661	0.467097	-2.14088
cg02133350	PMS2;PMS2	0.0190614	0.00131647	0.390166	-2.56301	0.688644	1.08448	1.08448	0.0161545	0.55293	-1.80855	0.0621026	1.52638	1.52638	0.062017	0.655033	-1.52664
cg14779627	PMS2;PMS2;PMS2;AIMP2	1.83E-05	0.000612501	3.47087	3.47087	0.0573909	0.602391	-1.66005	3.16E-06	0.0737847	-13.5529	0.340552	0.79326	-1.26062	?	?	?
cg16595953	PMS2;PMS2;PMS2;AIMP2	0.000156188	0.0352021	0.732004	-1.36611	0.419651	1.11056	1.11056	0.69911	0.951806	-1.05063	0.564002	1.07699	1.07699	0.00696559	0.641502	-1.55884
cg12844895	PMS2CL	0.0056898	0.0645458	0.822574	-1.2157	0.190752	0.877813	-1.13919	0.186552	1.14078	1.14078	0.956952	1.00509	1.00509	0.00645689	1.39535	1.39535
cg21503490	PMS2CL	0.0461115	0.70001	0.910827	-1.0979	0.219593	0.732402	-1.36537	0.0313532	0.543782	-1.83897	0.16757	0.701263	-1.426	0.042761	0.56971	-1.75528
cg20389750	PMS2L1	1.03E-05	0.0974682	0.939473	-1.06443	0.0118865	0.897805	-1.11383	0.0160954	0.903825	-1.10641	2.50E-05	1.33311	1.33311	3.11E-06	0.683663	-1.46271
cg26635467	PMS2L11	0.0105287	0.0619255	0.683706	-1.46262	0.0214197	0.606562	-1.64864	0.946749	1.01215	1.01215	0.058457	0.679289	-1.47213	0.294385	0.821431	-1.21739
cg07283891	PMS2L11	0.0117099	0.826728	1.06506	1.06506	0.0010385	4.04099	4.04099	0.859351	1.05232	1.05232	0.297963	1.36373	1.36373	0.00507347	0.344656	-2.90144
cg01305849	PMS2L11	0.0199364	0.490064	0.873824	-1.14439	0.00997517	0.534754	-1.87002	0.0208079	0.58552	-1.70788	0.603143	0.904022	-1.10617	0.0057646	0.498572	-2.00573
cg27426882	PMS2L11	0.0224443	0.183216	0.554998	-1.80181	0.602636	1.24483	1.24483	0.137907	1.9466	1.9466	0.949638	0.974008	-1.02669	0.006152	0.225335	-4.43784
cg12023513	PMS2L2	0.00516549	0.0235279	0.486665	-2.0548	0.0637925	0.574207	-1.74153	0.104704	0.623675	-1.6034	0.563586	0.856029	-1.16818	8.99E-05	0.154847	-6.45799
cg08933161	PMS2L3	0.000948938	0.460933	0.856251	-1.16788	0.650699	0.910063	-1.09882	1.40E-05	0.153586	-6.51101	0.289313	0.796602	-1.25533	0.413431	1.18871	1.18871
cg25990230	PMS2L3	0.00330698	0.00327468	0.658929	-1.51761	0.110017	1.19877	1.19877	0.127919	1.18684	1.18684	0.0138426	0.728649	-1.3724	0.00122208	0.61115	-1.63626
cg06273569	PMS2L3	0.0259317	0.069705	0.837388	-1.19419	0.519162	1.05884	1.05884	0.00266449	1.4383	1.4383	0.429386	0.931858	-1.07313	0.206624	1.12359	1.12359
cg10142141	PMS2L4	0.0462745	0.09004	0.75265	-1.32864	0.0289713	1.47928	1.47928	0.567011	1.09199	1.09199	0.399092	1.1403	1.1403	0.0808046	0.744925	-1.34242
cg06779093	PMS2L4;STAG3L4	0.00313532	0.901627	1.01611	1.01611	0.0206559	0.697548	-1.43359	0.242642	0.853826	-1.1712	0.110082	0.798454	-1.25242	0.197822	0.838689	-1.19234
cg09740255	PMS2L4;STAG3L4	0.0130421	0.00204419	0.28712	-3.48286	0.0444627	1.93987	1.93987	0.0353432	2.02099	2.02099	0.24507	0.705326	-1.41778	0.24769	0.706814	-1.4148
cg22605785	PMS2L5;PMS2L5;PMS2L5	0.00742417	0.681261	1.07064	1.07064	0.0424079	0.679563	-1.47153	0.951549	1.01009	1.01009	0.138161	0.768092	-1.30193	0.000190625	0.353728	-2.82703
cg08012156	PMS2L5;PMS2L5;STAG3L2;PMS2L5	0.00267892	0.0279625	0.737166	-1.35655	0.517951	0.925917	-1.08001	0.0225038	0.725466	-1.37842	0.660523	1.05327	1.05327	0.00792234	0.670392	-1.49167
cg23240663	PMVK	0.00403983	0.786407	1.03466	1.03466	0.00063395	1.93193	1.93193	0.00683778	1.55191	1.55191	0.35312	0.887043	-1.12734	0.291056	0.87158	-1.14734
cg04488111	PMVK	0.0103446	0.16339	0.646125	-1.54769	0.00122083	0.249225	-4.01243	0.108886	0.598469	-1.67093	0.920656	0.971171	-1.02969	0.00528377	0.339726	-2.94355
cg04106964	PMVK	0.0282454	0.752028	0.869432	-1.15018	0.403161	0.685491	-1.45881	0.00779381	0.22138	-4.51711	0.964742	0.980678	-1.0197	0.00703347	0.214811	-4.65527
cg09807979	PMVK	0.0401202	0.0255611	0.622124	-1.6074	0.303244	0.826321	-1.21018	0.00560882	0.521748	-1.91663	0.357595	0.844293	-1.18442	0.375878	1.17654	1.17654
cg24250549	PMVK;PMVK	0.0167661	0.00754588	0.0822536	-12.1575	?	?	?	0.0785599	3.24212	3.24212	0.301202	0.552209	-1.81091	?	?	?
cg00571700	PNCK	0.00361504	0.298228	0.777537	-1.28611	0.359002	1.24619	1.24619	0.00329999	0.392966	-2.54475	0.420437	0.825244	-1.21176	0.000179084	0.227474	-4.39611
cg01231576	PNCK	0.0395192	0.460532	1.20613	1.20613	0.987166	0.995996	-1.00402	0.0235355	0.509313	-1.96343	0.0381531	0.549129	-1.82107	0.0283077	0.524228	-1.90757
cg08291693	PNCK;PNCK	4.75E-05	0.245838	1.32526	1.32526	0.021881	1.89306	1.89306	6.26E-05	0.180718	-5.53349	0.000750915	0.305383	-3.27458	1.94E-06	0.0649805	-15.3892
cg13269522	PNCK;PNCK	0.000577796	0.0496749	1.86004	1.86004	0.00397874	2.92455	2.92455	0.34119	1.31238	1.31238	0.000572358	4.3844	4.3844	0.0775398	0.580537	-1.72254
cg15480287	PNCK;PNCK	0.00285063	0.128426	0.705772	-1.41689	0.830281	0.955505	-1.04657	0.00162768	0.383919	-2.60472	0.329778	1.23771	1.23771	0.00199451	0.396356	-2.52299
cg07559438	PNCK;PNCK	0.0113243	0.0212947	1.90449	1.90449	0.479845	0.846048	-1.18197	0.0801324	0.636424	-1.57128	0.584433	0.879367	-1.13718	0.405884	0.820434	-1.21887
cg03198117	PNCK;PNCK	0.0160052	0.932819	0.980413	-1.01998	0.543641	1.15514	1.15514	0.00924663	0.460684	-2.17069	0.701844	0.913705	-1.09444	0.0031789	0.388575	-2.57351
cg00598664	PNCK;PNCK	0.0354403	?	?	?	0.808923	0.858291	-1.16511	0.325085	1.89832	1.89832	0.322471	1.90535	1.90535	0.832278	0.874789	-1.14313
cg08621957	PNKD	0.00232351	0.358046	0.790247	-1.26543	0.394375	0.804704	-1.24269	0.00121999	0.307662	-3.25032	0.00272712	0.356786	-2.8028	0.384097	1.24892	1.24892
cg20019365	PNKD;AAMP;PNKD	0.00412627	0.282327	1.49287	1.49287	0.782334	1.10443	1.10443	0.483916	0.774796	-1.29066	0.000114578	0.088258	-11.3304	0.0430734	0.433938	-2.30448
cg02949469	PNKD;AAMP;PNKD	0.00459788	0.0384974	2.99383	2.99383	0.00177904	7.65007	7.65007	0.00329528	6.24132	6.24132	0.0397695	2.96628	2.96628	0.0124841	0.241324	-4.14381
cg00379302	PNKD;AAMP;PNKD	0.0214653	0.0268891	0.695058	-1.43873	0.165054	1.22815	1.22815	0.0162656	1.50349	1.50349	0.907405	1.01628	1.01628	0.117993	1.26562	1.26562
cg23003295	PNKD;AAMP;PNKD	0.0338665	0.321047	1.24811	1.24811	0.119843	1.44023	1.44023	0.970562	0.992055	-1.00801	0.0813806	1.51832	1.51832	0.121808	1.437	1.437
cg14059350	PNKD;AAMP;PNKD	0.0379184	0.697533	0.941364	-1.06229	0.857509	1.0282	1.0282	0.32794	0.855364	-1.16909	0.888804	0.978589	-1.02188	0.647381	1.07385	1.07385
cg22929506	PNKD;PNKD	0.00201628	0.462915	0.891795	-1.12133	0.00345349	0.544133	-1.83779	0.345234	0.861574	-1.16067	0.000643021	2.23166	2.23166	0.874867	1.02445	1.02445
cg04062965	PNKD;PNKD	0.00388452	0.00287006	2.7344	2.7344	0.538267	1.16513	1.16513	0.0146721	2.08933	2.08933	0.049478	1.73285	1.73285	0.560228	1.15542	1.15542
cg04041474	PNKD;PNKD	0.00967722	0.334758	0.763516	-1.30973	0.80527	1.06929	1.06929	0.613891	1.14797	1.14797	0.898928	1.03507	1.03507	0.625382	1.14278	1.14278
cg15100426	PNKD;PNKD	0.0206973	0.406269	0.736692	-1.35742	0.00931929	3.27503	3.27503	0.88457	1.05364	1.05364	0.911723	0.960896	-1.0407	0.0028955	0.229251	-4.36204
cg24533564	PNKD;TMBIM1	0.00288877	0.000392379	0.344629	-2.90167	0.668883	0.922069	-1.08452	0.591332	0.902838	-1.10762	0.90981	1.0216	1.0216	0.184721	0.76698	-1.30381
cg18357696	PNKD;TMBIM1	0.00309493	0.00488579	0.267275	-3.74147	0.600662	0.829597	-1.20541	0.00370764	0.249851	-4.00238	0.0453059	0.443874	-2.25289	0.119813	0.550484	-1.81658
cg25903497	PNKD;TMBIM1	0.00334627	0.0367986	0.309485	-3.23118	0.590313	1.30059	1.30059	0.014773	0.234424	-4.26577	0.925466	0.955763	-1.04628	0.0729721	0.380199	-2.6302
cg08189615	PNKD;TMBIM1	0.00377974	0.0848935	0.334644	-2.98825	0.433508	1.58277	1.58277	0.00744884	0.138073	-7.24253	0.856597	1.10952	1.10952	0.192149	0.452396	-2.21046
cg13835894	PNKD;TMBIM1	0.00868503	0.122264	1.87572	1.87572	0.000475668	7.84952	7.84952	0.318561	1.47279	1.47279	0.0234922	2.76284	2.76284	0.339638	1.44718	1.44718
cg07475654	PNKD;TMBIM1	0.0201889	0.372311	0.822155	-1.21632	0.0476949	1.62274	1.62274	0.0332584	1.70238	1.70238	0.652249	1.10184	1.10184	0.0453891	1.63345	1.63345
cg02657760	PNKD;TMBIM1	0.049699	0.19048	0.329707	-3.03299	0.451792	1.84693	1.84693	0.106528	0.244032	-4.09783	0.487024	0.568261	-1.75975	0.025759	0.12011	-8.32568
cg15418980	PNKP	0.000491682	0.0127304	1.8807	1.8807	8.87E-05	4.1886	4.1886	0.0350136	1.65076	1.65076	0.00407202	2.19629	2.19629	0.00448283	0.46152	-2.16675
cg06474428	PNKP	0.00371757	0.117418	0.783373	-1.27653	0.000245634	2.38627	2.38627	0.00739195	1.6413	1.6413	0.291469	0.854575	-1.17017	0.991256	1.00157	1.00157
cg10491242	PNKP	0.00698379	0.0569852	1.28424	1.28424	0.508097	0.92498	-1.0811	0.0738869	0.79343	-1.26035	0.844999	1.02299	1.02299	0.0495863	0.770896	-1.29719
cg07584631	PNKP	0.0208647	0.0311856	5.4271	5.4271	0.0196017	6.5954	6.5954	0.0113843	8.32258	8.32258	0.298636	2.05572	2.05572	0.424077	0.579205	-1.7265
cg24025538	PNKP	0.0311348	0.0250708	1.82357	1.82357	0.0180036	1.91147	1.91147	0.0253641	1.82057	1.82057	0.78223	1.06446	1.06446	0.12552	0.688142	-1.45319
cg04314463	PNKP	0.0463093	0.0827069	0.682507	-1.46519	0.185902	0.756697	-1.32153	0.0461274	1.57495	1.57495	0.0260407	1.69051	1.69051	0.52755	1.13568	1.13568
cg26884921	PNKP;PNKP	0.0328787	0.649196	0.906035	-1.10371	0.248399	1.29692	1.29692	0.640914	0.903737	-1.10652	0.0617546	0.635507	-1.57355	0.183074	1.35581	1.35581
cg20519531	PNLDC1	0.000182381	0.0190748	0.650926	-1.53627	0.691022	1.06232	1.06232	0.718538	0.946703	-1.0563	0.623959	1.07764	1.07764	1.21E-05	0.246992	-4.04871
cg19045345	PNLDC1	0.000563461	0.00189029	0.252267	-3.96405	0.000386477	0.170213	-5.87499	0.000325524	0.162519	-6.15311	0.0882432	0.555276	-1.80091	0.00108761	0.221409	-4.51653
cg09664204	PNLDC1	0.00431406	0.00539223	0.541034	-1.84831	0.00112791	0.447665	-2.23381	0.0295088	0.650639	-1.53695	0.0280314	1.54525	1.54525	0.294603	0.83337	-1.19995
cg14483209	PNLDC1	0.0247643	0.145526	0.471828	-2.11942	0.710679	1.19612	1.19612	0.669319	0.813437	-1.22935	0.0668744	2.6841	2.6841	0.0634747	0.366794	-2.72633
cg10210715	PNLDC1;PNLDC1	0.000281221	0.00194451	2.3356	2.3356	0.00102372	2.56543	2.56543	0.00710919	1.96005	1.96005	0.359959	0.833473	-1.1998	0.000347431	0.328417	-3.04491
cg24571875	PNLIP	0.000172603	0.231797	1.20396	1.20396	0.757572	0.955209	-1.04689	0.416742	0.884406	-1.1307	0.608472	0.92638	-1.07947	0.587551	1.08443	1.08443
cg16259591	PNLIP	0.000734626	0.000757217	0.171749	-5.82246	0.000197323	0.115484	-8.65921	0.0055107	0.283976	-3.52142	0.0939737	0.529726	-1.88777	0.000830804	0.176183	-5.67592
cg23728588	PNLIP	0.0009478	0.00421781	0.436284	-2.29209	0.0514635	0.618793	-1.61605	5.24E-05	0.194644	-5.13759	0.0182708	0.537864	-1.85921	0.00025223	0.270805	-3.69269
cg25672013	PNLIP	0.00309185	0.157385	0.68617	-1.45736	0.0204708	0.498757	-2.00499	0.0155719	0.477643	-2.09361	0.103549	0.641808	-1.5581	0.943167	0.982397	-1.01792
cg16105754	PNLIP	0.00550468	0.0766808	0.459198	-2.17771	0.397915	0.710263	-1.40793	0.02151	0.335714	-2.97873	0.0333969	0.374341	-2.67136	0.0039139	0.21547	-4.64101
cg07238926	PNLIPRP1	0.000159563	6.83E-05	0.231542	-4.31888	0.000368528	0.318079	-3.14387	0.015912	0.552631	-1.80953	0.000191437	0.283021	-3.53331	0.103511	0.699315	-1.42997
cg08629379	PNLIPRP1	0.000204809	0.000239476	0.271685	-3.68073	0.00135051	0.368761	-2.71178	0.00814944	0.48396	-2.06628	0.0389594	0.599184	-1.66894	0.00140526	0.371147	-2.69435
cg23148094	PNLIPRP1	0.000463828	0.940779	0.985405	-1.01481	0.000725885	0.361661	-2.76502	0.000639487	0.354405	-2.82163	0.174824	1.33052	1.33052	0.0203347	0.574966	-1.73923
cg20730333	PNLIPRP1	0.000739449	0.963513	0.987504	-1.01265	0.977662	0.992333	-1.00773	0.0243118	0.478126	-2.0915	0.782336	0.926698	-1.0791	5.16E-05	0.124634	-8.02352
cg08580014	PNLIPRP1	0.00177759	0.0157282	3.50667	3.50667	0.108424	0.476016	-2.10077	0.0976194	2.16069	2.16069	0.0229966	3.16669	3.16669	0.00508841	4.80424	4.80424
cg02979203	PNLIPRP1	0.00205979	0.0236617	0.759375	-1.31687	0.688935	1.04185	1.04185	0.0669779	0.811212	-1.23272	0.571638	0.943421	-1.05997	0.000904772	0.602984	-1.65842
cg23501520	PNLIPRP1	0.0145714	0.00597346	0.221758	-4.50942	0.533151	0.767569	-1.30282	0.0191539	0.304835	-3.28046	0.189817	0.558787	-1.78959	0.00457912	0.205567	-4.86459
cg27600794	PNLIPRP1	0.0306432	0.720866	1.05199	1.05199	0.745042	1.04717	1.04717	0.0331011	0.703324	-1.42182	0.778247	0.960905	-1.04069	0.534628	1.0929	1.0929
cg16272420	PNLIPRP2	2.67E-05	0.0264355	0.583961	-1.71244	4.09E-06	0.112671	-8.87536	0.000664246	0.344686	-2.90119	1.95E-05	0.170225	-5.87457	1.78E-05	0.166573	-6.00336
cg05598595	PNLIPRP2	0.000293965	2.80E-05	0.166191	-6.01716	0.00725743	0.470536	-2.12524	0.113764	0.68761	-1.45431	0.0366184	0.58942	-1.69658	0.000948455	0.34213	-2.92287
cg00098286	PNLIPRP2	0.000695439	0.212455	0.841335	-1.18859	0.0595271	1.32284	1.32284	0.252464	1.1703	1.1703	0.0723488	0.768122	-1.30188	0.0110911	0.657725	-1.52039
cg01047476	PNLIPRP2	0.00173318	0.00543777	1.62212	1.62212	0.472849	1.10138	1.10138	0.0931841	0.783285	-1.27667	0.00771926	0.635937	-1.57248	0.0041597	1.66199	1.66199
cg09660043	PNLIPRP2	0.011179	0.235255	0.830454	-1.20416	0.0125003	0.628724	-1.59052	0.00787346	0.600991	-1.66392	0.451165	0.891676	-1.12148	0.0292161	0.681325	-1.46773
cg04195133	PNLIPRP2	0.0246659	0.0290487	0.691081	-1.44701	0.0126521	0.640744	-1.56068	0.519076	1.09842	1.09842	0.0829296	0.759018	-1.31749	0.831527	1.03107	1.03107
cg26747948	PNLIPRP2	0.0415452	0.706089	0.935163	-1.06933	0.130689	0.749169	-1.33481	0.0141928	0.58546	-1.70806	0.91309	0.980868	-1.01951	0.00559125	0.525283	-1.90374
cg17197596	PNLIPRP3	2.48E-06	0.407026	1.10923	1.10923	1.82E-06	0.234045	-4.27267	0.922429	0.988166	-1.01198	1.29E-07	0.129447	-7.72515	0.00322422	0.611888	-1.63429
cg12200270	PNLIPRP3	0.0186336	0.212319	0.556369	-1.79737	0.0114165	0.243405	-4.10838	0.00765389	0.216527	-4.61837	0.0380266	0.341831	-2.92542	0.00822002	0.221141	-4.52201
cg23681213	PNMA1;PNMA1	0.0204662	0.769209	1.04039	1.04039	0.945218	1.00929	1.00929	0.187973	1.20655	1.20655	0.499663	0.911908	-1.0966	0.281869	0.860272	-1.16242
cg18250651	PNMA1;PNMA1	0.0288516	0.290616	0.923459	-1.08289	0.135802	0.889839	-1.1238	0.0168194	1.23591	1.23591	0.0239569	0.822359	-1.21601	0.0428307	0.844289	-1.18443
cg00021152	PNMA2	0.000623537	0.53564	1.05939	1.05939	0.419015	0.926865	-1.07891	0.0591274	1.21652	1.21652	0.000293722	0.581227	-1.7205	0.000898213	0.633086	-1.57956
cg22861744	PNMA2	0.00557497	0.0236049	0.785992	-1.27228	0.160831	0.875074	-1.14276	0.0632899	0.830209	-1.20452	0.427349	1.07487	1.07487	0.147381	1.14856	1.14856
cg00713411	PNMA2	0.00771255	0.138766	0.889014	-1.12484	0.000918069	0.693743	-1.44146	0.00612957	0.767949	-1.30217	0.636107	0.965427	-1.03581	0.0146323	0.80098	-1.24847
cg22757399	PNMA2	0.00875396	0.916367	0.964748	-1.03654	0.0747461	0.507546	-1.97026	0.304273	0.69524	-1.43835	0.0823492	1.92992	1.92992	0.598097	0.833814	-1.19931
cg00174421	PNMA2	0.0177088	0.0147935	0.713783	-1.40099	0.776884	0.968563	-1.03246	0.645597	0.949271	-1.05344	0.300698	1.12813	1.12813	0.413297	0.910254	-1.09859
cg16855633	PNMA2	0.0275829	0.105049	0.329259	-3.03713	0.00522787	0.0991851	-10.0822	0.0392819	0.224065	-4.46299	0.422893	0.598449	-1.67099	0.0670368	0.275952	-3.62382
cg06691218	PNMA2	0.0407054	0.0220504	1.37031	1.37031	0.0652909	1.26797	1.26797	0.905675	1.01369	1.01369	0.296867	0.883298	-1.13212	0.362329	1.11341	1.11341
cg05376895	PNMA3	0.0279453	0.0240198	0.292836	-3.41488	0.00564626	0.190711	-5.24354	0.295978	0.609934	-1.63952	0.115596	2.1823	2.1823	0.0191775	0.274475	-3.64333
cg23772042	PNMA3	0.0283811	0.0615067	0.488149	-2.04856	0.189007	0.622656	-1.60602	0.244018	0.660358	-1.51433	0.125872	0.569007	-1.75745	0.00579027	0.292077	-3.42376
cg04855291	PNMA5;PNMA5;PNMA5	1.51E-06	0.724336	1.06343	1.06343	4.53E-06	0.160342	-6.23668	2.41E-05	0.231841	-4.31331	0.470459	0.880271	-1.13601	0.000268526	0.354011	-2.82477
cg04772362	PNMA5;PNMA5;PNMA5	0.000381083	0.0237668	1.59748	1.59748	0.140688	0.759517	-1.31663	0.00417326	0.513587	-1.94709	0.0200026	0.614292	-1.62789	0.000121784	0.312056	-3.20455
cg05219035	PNMA5;PNMA5;PNMA5	0.00321669	0.9707	1.01349	1.01349	0.00113129	0.174239	-5.73926	0.00982764	0.304117	-3.28821	0.088871	0.504355	-1.98273	0.976636	1.01074	1.01074
cg21137707	PNMA5;PNMA5;PNMA5	0.00548962	0.0567842	0.516638	-1.93559	0.00319806	0.291473	-3.43085	0.00224265	0.269652	-3.70848	0.0054653	0.326519	-3.06261	0.00230435	0.271284	-3.68618
cg08159444	PNMA5;PNMA5;PNMA5	0.0335356	0.50271	1.22568	1.22568	0.444295	0.79191	-1.26277	0.0432101	0.498692	-2.00525	0.0892349	0.570839	-1.75181	0.0140363	0.403614	-2.47761
cg25734089	PNMAL1;PNMAL1	0.0161202	0.00621816	0.259184	-3.85826	0.00298431	0.213941	-4.67419	0.006902	0.266136	-3.75747	0.554828	0.797626	-1.25372	0.187184	0.58908	-1.69756
cg14569776	PNMAL1;PNMAL1	0.0341294	0.455768	0.743354	-1.34525	0.414787	1.38467	1.38467	0.2312	1.63286	1.63286	0.363168	0.694277	-1.44035	0.231159	0.612395	-1.63293
cg06484000	PNMAL2	0.013039	0.107008	0.732169	-1.36581	0.0133417	1.72134	1.72134	0.373521	1.17569	1.17569	0.106034	1.36721	1.36721	0.0038908	0.502203	-1.99123
cg13338783	PNMAL2	0.0173777	0.0679926	2.65679	2.65679	0.0499696	2.91141	2.91141	0.203396	1.8999	1.8999	0.211607	1.87589	1.87589	0.0356187	3.21939	3.21939
cg06618097	PNMAL2	0.0285104	0.953453	0.987975	-1.01217	0.974498	1.00665	1.00665	0.11921	1.41969	1.41969	0.0567831	1.56336	1.56336	0.0550028	0.637029	-1.56979
cg25749306	PNMAL2	0.0319525	0.144	1.66078	1.66078	0.504823	1.24447	1.24447	0.613102	0.848075	-1.17914	0.827834	1.07293	1.07293	0.0355891	2.2047	2.2047
cg24718465	PNMAL2;PNMAL2	4.15E-05	3.88E-05	2.47674	2.47674	0.875327	1.01823	1.01823	0.0302464	1.34058	1.34058	2.91E-06	3.61641	3.61641	0.000541337	1.85669	1.85669
cg16617301	PNMAL2;PNMAL2	0.00303074	0.138601	1.36864	1.36864	0.0548194	1.53524	1.53524	0.000142004	3.63901	3.63901	0.00740432	1.97212	1.97212	0.112788	1.40462	1.40462
cg10400652	PNMAL2;PNMAL2	0.00374072	0.00521406	12.3492	12.3492	0.0767951	3.82691	3.82691	0.0228696	6.40289	6.40289	0.0200182	6.78015	6.78015	0.0114687	8.64449	8.64449
cg23928165	PNMAL2;PNMAL2	0.0172698	0.0732543	5.23415	5.23415	0.0405911	7.09445	7.09445	0.168245	3.37612	3.37612	0.263388	2.62775	2.62775	0.0366018	7.48281	7.48281
cg03969996	PNMAL2;PNMAL2	0.0195629	0.0113072	2.24985	2.24985	0.0727725	1.66804	1.66804	0.0114196	2.24616	2.24616	0.00258056	2.90901	2.90901	0.355538	1.27498	1.27498
cg06424594	PNMT	0.00430215	0.0510634	0.328642	-3.04282	0.0249027	3.80688	3.80688	0.780913	0.869677	-1.14985	0.00539568	0.159721	-6.26094	0.00400427	0.14416	-6.93672
cg22645881	PNMT	0.00719778	0.00303296	0.568852	-1.75793	0.0527589	1.35766	1.35766	0.806482	0.96649	-1.03467	0.0121215	0.647729	-1.54386	0.492142	0.90766	-1.10173
cg20243544	PNMT;PNMT	0.0277501	0.112924	0.391588	-2.5537	0.023551	4.34706	4.34706	0.0869811	2.79278	2.79278	0.624931	0.765117	-1.30699	0.0142891	0.193647	-5.16402
cg23507025	PNN	8.69E-05	0.00756789	1.26804	1.26804	0.0234621	0.82937	-1.20573	0.751937	0.97832	-1.02216	0.00646176	1.27731	1.27731	5.18E-05	1.68774	1.68774
cg06918918	PNN	0.00309437	0.00593441	0.361537	-2.76597	0.226033	0.698068	-1.43252	0.268023	0.721655	-1.3857	0.774012	1.0848	1.0848	0.023366	0.464856	-2.1512
cg16408528	PNN	0.00722175	0.070879	1.3111	1.3111	0.529431	1.08927	1.08927	0.684043	0.946565	-1.05645	0.139393	0.807752	-1.238	0.360365	1.13452	1.13452
cg19599972	PNN	0.0225139	0.0772722	0.715609	-1.39741	0.0377522	0.663317	-1.50757	0.22587	0.805203	-1.24192	0.453744	0.878082	-1.13885	0.0420504	0.670933	-1.49046
cg24138021	PNN	0.0236531	0.467005	1.14096	1.14096	0.635738	0.918503	-1.08873	0.524772	0.891518	-1.12168	0.288154	0.821627	-1.2171	0.000415903	0.368762	-2.71178
cg24034629	PNN	0.031809	0.0410408	0.416377	-2.40167	0.349891	1.42988	1.42988	0.659691	1.17901	1.17901	0.449466	0.750956	-1.33164	0.00486154	0.249684	-4.00506
cg02969452	PNN;PNN	0.0364893	?	?	?	0.73546	1.16812	1.16812	0.649698	1.23309	1.23309	0.831058	0.906739	-1.10285	0.744974	1.16132	1.16132
cg13802433	PNO1	0.00145165	0.131236	0.774562	-1.29105	0.000183103	0.37099	-2.69549	0.000515034	0.427536	-2.33898	0.704679	0.94205	-1.06151	0.286834	0.840808	-1.18933
cg03299121	PNO1;WDR92	0.00506708	0.104941	1.17872	1.17872	0.000461775	0.599646	-1.66765	0.208202	1.13103	1.13103	0.259214	0.896525	-1.11542	0.340373	1.09547	1.09547
cg00643296	PNOC	0.000741233	0.00143571	0.398325	-2.51051	0.00777195	0.505279	-1.9791	0.0159232	0.554555	-1.80325	0.538674	0.883092	-1.13238	0.00301374	0.443876	-2.25288
cg22679014	PNOC	0.000969374	9.13E-05	0.178324	-5.60777	0.356185	0.791318	-1.26371	0.0351091	0.545851	-1.832	0.0399755	0.556828	-1.79589	0.00293845	0.36517	-2.73845
cg02397571	PNOC	0.0116433	0.00158797	0.318733	-3.13742	0.676926	0.899704	-1.11148	0.0198594	0.492025	-2.03242	0.629602	1.1304	1.1304	0.00306486	0.359605	-2.78083
cg10416846	PNOC	0.0178089	0.389604	0.690562	-1.4481	0.0235452	3.11359	3.11359	0.775767	0.886982	-1.12742	0.73574	1.15287	1.15287	0.136468	0.509795	-1.96157
cg03642518	PNOC	0.0203124	0.00566463	0.297734	-3.3587	0.263712	1.47533	1.47533	0.0979077	0.545507	-1.83316	0.705193	0.880854	-1.13526	0.0180608	0.383431	-2.60803
cg03746834	PNOC	0.043304	0.973989	1.0166	1.0166	0.703984	0.824722	-1.21253	0.254373	0.548357	-1.82363	0.711369	0.828924	-1.20638	0.00116818	0.0901775	-11.0892
cg20274304	PNOC	0.0494019	0.324213	0.500612	-1.99756	0.17282	2.68033	2.68033	0.513859	0.637669	-1.56821	0.553816	1.50233	1.50233	0.00497362	0.0799019	-12.5153
cg26164155	PNP	0.0025047	?	?	?	0.521273	0.688952	-1.45148	0.211098	2.12785	2.12785	0.954165	0.967595	-1.03349	?	?	?
cg05000123	PNP	0.00846894	0.768543	0.968872	-1.03213	0.0230616	0.747353	-1.33806	0.00588842	0.679657	-1.47133	0.568465	0.940099	-1.06372	0.226957	0.8729	-1.14561
cg23609821	PNP	0.0152174	0.660852	1.05189	1.05189	0.0338854	1.32814	1.32814	0.00269677	1.60803	1.60803	0.0481873	0.77205	-1.29525	0.747048	1.03777	1.03777
cg07567326	PNP	0.0251703	0.588468	1.13221	1.13221	0.00119239	2.94394	2.94394	0.0513835	1.65566	1.65566	0.0557345	1.63677	1.63677	0.438992	0.835753	-1.19653
cg04723385	PNP;PNP	0.0256251	0.00105008	0.551996	-1.81161	0.690136	0.952071	-1.05034	0.622258	1.06275	1.06275	0.573223	0.932615	-1.07225	0.357074	1.1231	1.1231
cg11243251	PNPLA1;PNPLA1	0.00657967	0.00939822	0.160275	-6.23926	0.0391756	0.265271	-3.76973	0.0850506	0.346884	-2.88281	0.0879224	0.350925	-2.84961	0.00474002	0.124217	-8.05044
cg04765195	PNPLA1;PNPLA1	0.0166499	0.0308346	0.216973	-4.60887	0.0158423	0.168492	-5.93499	0.319191	0.537762	-1.85956	0.219049	0.458905	-2.1791	0.0126713	0.154559	-6.47
cg00439378	PNPLA1;PNPLA1	0.0170236	0.022917	0.28005	-3.57079	0.0017101	0.123168	-8.11901	0.806574	1.12157	1.12157	0.120299	0.454714	-2.19919	0.0106917	0.223004	-4.48423
cg26681975	PNPLA1;PNPLA1;PNPLA1	0.000370883	0.00461371	1.9505	1.9505	0.065757	0.693544	-1.44187	0.0831964	0.71183	-1.40483	0.0025395	2.10096	2.10096	0.000100437	0.294559	-3.39491
cg22478258	PNPLA1;PNPLA1;PNPLA1	0.00100713	0.000178759	0.218899	-4.56831	0.0426339	1.7483	1.7483	0.0507054	0.586915	-1.70382	0.0718614	1.61764	1.61764	0.000277856	0.240811	-4.15264

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04317940	0.348488	0.871727	-1.14715	0.006609	1.65118	1.65118	0.146024	1.24853	1.24853	0.108018	1.28326	1.28326	5.56246	1.78207	0.284777	1
cg12502785	0.290766	1.16202	1.16202	0.45009	1.11116	1.11116	0.0823773	1.30153	1.30153	0.0607167	1.33589	1.33589	3.42611	1.01787	0.264083	1
cg08738770	0.00129903	2.07439	2.07439	0.0225632	0.653497	-1.53023	0.155321	0.789118	-1.26724	0.474327	0.892856	-1.12	7.88183	3.02836	0.34153	1
cg02133350	0.56532	0.889563	-1.12415	0.356776	0.826272	-1.21025	0.825547	0.956527	-1.04545	0.95018	1.01266	1.01266	4.78184	3.07014	0.570704	1
cg14779627	0.402029	0.816897	-1.22414	4.67E-06	0.0841402	-11.8849	0.597281	0.88186	-1.13397	0.67506	0.905363	-1.10453	35.5614	27.8372	0.782793	1
cg16595953	0.0654106	1.30084	1.30084	2.03E-06	0.225529	-4.43402	0.99006	1.00159	1.00159	0.814554	1.03033	1.03033	19.6417	5.0311	0.227684	1
cg12844895	0.00228049	1.49383	1.49383	0.0246385	1.28624	1.28624	0.125733	0.855681	-1.16866	0.0366336	0.79579	-1.25661	7.05362	0.988476	0.124567	1
cg21503490	0.0663498	0.608487	-1.64342	0.0311014	1.8412	1.8412	0.617306	1.12922	1.12922	0.214228	1.37089	1.37089	3.49341	3.22004	0.81933	1
cg20389750	0.000485224	0.828787	-1.20658	0.043321	0.923306	-1.08306	0.0167369	1.10546	1.10546	1.47E-05	0.734184	-1.36206	40.2407	0.751273	0.0165951	1
cg26635467	0.00438264	0.502467	-1.99018	0.00370631	2.03246	2.03246	0.73455	0.940298	-1.06349	0.258488	0.807952	-1.2377	5.81383	3.01237	0.460567	1
cg07283891	0.111618	0.607606	-1.6458	0.419003	0.788651	-1.26799	0.515494	1.20877	1.20877	0.709929	1.11341	1.11341	5.61788	7.35593	1.16389	1
cg01305849	0.0161632	0.567753	-1.76133	0.144279	1.35219	1.35219	0.812171	0.955238	-1.04686	0.0663594	0.672921	-1.48606	4.70965	2.76046	0.521002	1
cg27426882	0.0193237	3.25293	3.25293	0.0745325	0.436774	-2.28951	0.103372	0.475815	-2.10166	0.180521	1.80919	1.80919	4.52278	12.4519	2.44726	1
cg12023513	0.019121	0.470009	-2.12762	0.0477701	0.547382	-1.82688	0.689401	0.89856	-1.11289	0.0929553	0.611334	-1.63577	7.26594	8.15713	0.997914	1
cg08933161	0.25721	1.27694	1.27694	0.68057	1.08935	1.08935	0.0511981	1.58258	1.58258	0.0813222	0.670665	-1.49106	11.9426	8.08482	0.601757	1
cg25990230	0.154796	0.853436	-1.17173	0.121661	0.839765	-1.19081	0.347238	1.10598	1.10598	0.0240508	1.32324	1.32324	8.31354	1.42619	0.152489	1
cg06273569	0.101281	0.854722	-1.16997	0.145612	0.872235	-1.14648	0.58266	0.952608	-1.04975	0.135019	1.15138	1.15138	4.30202	0.521502	0.107753	1
cg10142141	0.0272512	0.672081	-1.48792	0.0549029	0.718144	-1.39248	0.883408	0.97793	-1.02257	0.377215	1.14775	1.14775	3.48878	1.27803	0.325622	1
cg06779093	0.987607	0.997995	-1.00201	8.21E-05	0.399633	-2.5023	0.0791233	1.28651	1.28651	0.16061	1.21373	1.21373	8.44665	2.2344	0.235138	1
cg09740255	0.123395	1.6147	1.6147	0.0662671	0.55353	-1.80659	0.268652	0.718365	-1.39205	0.606434	1.1609	1.1609	5.42442	7.08157	1.16044	1
cg22605785	0.0863613	0.731155	-1.3677	0.0774448	1.38321	1.38321	0.762603	0.951162	-1.05135	0.460584	0.883236	-1.1322	6.49464	2.80978	0.38456	1
cg08012156	0.0147687	1.42236	1.42236	0.000713211	1.83168	1.83168	0.971225	1.00424	1.00424	0.0364925	0.75168	-1.33035	8.84985	1.9329	0.194142	1
cg23240663	0.00303445	0.600754	-1.66457	0.843882	0.975568	-1.02504	0.737657	0.958704	-1.04308	0.329287	0.881345	-1.13463	7.82907	1.95145	0.221561	1
cg04488111	0.107305	0.596843	-1.67548	0.0119704	0.398295	-2.5107	0.197287	0.670195	-1.4921	0.00386541	0.318949	-3.1353	5.84685	7.98296	1.21364	1
cg04106964	0.0930064	0.442324	-2.26079	0.014453	0.264379	-3.78244	0.929155	0.961509	-1.04003	0.0149966	0.267152	-3.74319	4.17492	12.8826	2.74285	1
cg09807979	0.459553	0.873963	-1.14421	0.113223	1.36121	1.36121	0.850889	0.966893	-1.03424	0.129933	1.33998	1.33998	3.67907	1.86489	0.450571	1
cg24250549	?	?	?	?	?	?	0.0443999	4.25738	4.25738	?	?	?	12.0299	20.9183	1.73887	1
cg00571700	0.061587	1.63452	1.63452	0.493912	0.850344	-1.176	0.0373657	0.56905	-1.75731	0.869443	1.03913	1.03913	8.09501	6.98147	0.766614	1
cg01231576	0.0425239	1.79071	1.79071	0.208321	0.718287	-1.3922	0.0691764	0.602191	-1.6606	0.368181	0.794084	-1.25931	3.69956	3.64579	0.875969	1
cg08291693	0.0354386	0.566548	-1.76508	0.681052	1.10064	1.10064	0.973175	1.00783	1.00783	0.169689	0.71221	-1.40408	26.9791	23.0016	0.757839	1
cg13269522	0.41552	0.794007	-1.25944	0.00146285	0.279852	-3.57332	0.00306602	3.07643	3.07643	0.00101035	3.86537	3.86537	13.7274	16.7014	1.08146	1
cg15480287	0.626554	0.901244	-1.10958	0.00107013	0.35882	-2.78691	0.00122941	0.36704	-2.7245	0.275239	0.786079	-1.27214	8.68875	6.18746	0.632998	1
cg07559438	0.000727872	3.3062	3.3062	0.0660966	1.61584	1.61584	0.808443	0.945035	-1.05816	0.146157	1.4378	1.4378	5.67904	4.87278	0.762692	1
cg03198117	0.0122407	2.07967	2.07967	0.858482	0.95899	-1.04276	0.0991926	0.654383	-1.52816	0.618556	0.888904	-1.12498	5.07045	4.42041	0.774932	1
cg00598664	0.00156089	0.0568407	-17.593	0.366961	1.79427	1.79427	0.117428	0.342106	-2.92307	0.521406	1.50672	1.50672	3.912	21.9121	5.60125	1
cg08621957	0.0101709	0.446077	-2.24176	0.0077279	2.34494	2.34494	0.184071	1.42044	1.42044	0.00803914	0.429237	-2.32971	9.22843	9.06704	0.873344	1
cg20019365	0.096669	1.92342	1.92342	0.866501	1.0622	1.0622	0.700218	1.14885	1.14885	0.0276491	0.393021	-2.54439	7.77921	15.8494	1.81102	1
cg02949469	0.3707	1.52262	1.52262	0.18097	1.91486	1.91486	0.090208	0.425693	-2.34911	0.833309	0.908106	-1.10119	7.52838	24.9434	2.94512	1
cg00379302	0.0410297	0.720933	-1.38709	0.0194642	0.675723	-1.4799	0.649845	0.938544	-1.06548	0.417774	1.12177	1.12177	4.59249	1.40075	0.271119	1
cg23003295	0.860245	1.03883	1.03883	0.00714642	0.471924	-2.11899	0.804286	1.05514	1.05514	0.0134079	1.93859	1.93859	3.91338	2.89638	0.657885	1
cg14059350	0.797865	0.961072	-1.0405	0.00175897	0.5018	-1.99283	0.244234	1.20741	1.20741	0.0360777	1.45814	1.45814	3.75609	1.4239	0.33697	1
cg22929506	0.00230159	0.520535	-1.9211	0.135261	1.27988	1.27988	0.0126528	0.62186	-1.60808	0.385146	0.872439	-1.14621	9.61915	3.57859	0.330691	1
cg04062965	0.000889393	0.294958	-3.39031	0.657308	0.896278	-1.11573	0.156062	1.45089	1.45089	0.0355158	1.82265	1.82265	7.92208	7.54714	0.84682	1
cg04041474	0.0135933	0.43684	-2.28917	0.000697354	0.245895	-4.06677	0.00363534	0.343951	-2.90739	0.978101	1.00747	1.00747	5.97289	6.95961	1.03573	1
cg15100426	0.113754	0.53853	-1.85691	0.0485046	0.444553	-2.24945	0.222338	0.630475	-1.58611	0.506434	0.784692	-1.27438	4.65001	9.52746	1.82126	1
cg24533564	0.00541122	0.50139	-1.99445	0.113598	0.722767	-1.38357	0.400945	1.17602	1.17602	0.000362552	0.340257	-2.93896	8.6546	4.87472	0.500669	1
cg18357696	0.00410872	3.90257	3.90257	0.296238	0.681752	-1.46681	0.0392331	2.32527	2.32527	0.00888039	0.307943	-3.24736	8.47929	16.8014	1.7613	1
cg25903497	0.00148941	9.16347	9.16347	0.0570431	0.353038	-2.83256	0.00456551	6.21082	6.21082	0.0618861	0.361792	-2.76402	8.28429	30.6778	3.29167	1
cg08189615	0.000526895	22.2679	22.2679	0.334693	0.56461	-1.77113	0.00904228	6.72872	6.72872	0.234449	0.488669	-2.04638	7.98749	41.7587	4.64712	1
cg13835894	0.275684	1.53095	1.53095	0.00616989	3.82507	3.82507	0.00378395	4.33732	4.33732	0.128406	1.85376	1.85376	6.18177	13.8096	1.98571	1
cg07475654	0.114899	0.693138	-1.44271	0.704712	0.921825	-1.0848	0.00183792	2.57525	2.57525	0.438483	1.18406	1.18406	4.68955	3.3949	0.643492	1
cg02657760	0.0510606	5.91999	5.91999	0.189137	0.328469	-3.04443	0.0668304	5.17812	5.17812	0.125548	0.265324	-3.76897	3.39592	34.449	9.01712	1
cg15418980	0.0212966	0.568505	-1.759	0.0207443	0.566585	-1.76496	0.107506	1.43108	1.43108	0.53979	0.881032	-1.13503	14.3572	9.46739	0.58615	1
cg06474428	0.971285	1.00518	1.00518	0.0180124	1.51068	1.51068	0.292196	1.16987	1.16987	0.0964445	0.769485	-1.29957	8.02738	2.62045	0.290168	1
cg10491242	0.036251	0.753665	-1.32685	0.000473375	1.89212	1.89212	0.823707	1.02625	1.02625	0.707073	0.957099	-1.04482	6.6199	1.41444	0.189924	1
cg07584631	0.242521	0.441248	-2.2663	0.803546	1.18143	1.18143	0.00366778	13.8437	13.8437	0.277311	2.12923	2.12923	4.63725	32.8616	6.29906	1
cg24025538	0.272348	0.772934	-1.29377	0.07089	1.57604	1.57604	0.956728	1.01231	1.01231	0.038077	1.71944	1.71944	4.03318	3.24613	0.715428	1
cg04314463	0.817132	1.04712	1.04712	0.0474258	0.637118	-1.56957	0.0983051	1.43391	1.43391	0.773555	1.05902	1.05902	3.48779	2.18259	0.556249	1
cg26884921	0.00891863	0.488257	-2.0481	0.340658	1.23564	1.23564	0.00720469	0.473626	-2.11137	0.662304	0.909654	-1.09932	3.95528	2.90844	0.653627	1
cg20519531	1.88E-05	0.267746	-3.73488	0.365065	0.868632	-1.15124	0.473834	0.895624	-1.11654	0.0834139	0.74827	-1.33642	18.8359	6.83135	0.32238	1
cg19045345	0.00267078	0.272868	-3.66478	0.00013695	0.127055	-7.87059	0.0811248	0.546198	-1.83084	0.00718873	0.337844	-2.95994	13.8238	21.4142	1.37696	1
cg09664204	0.783029	0.954766	-1.04738	0.0146712	1.655	1.655	0.300479	0.835342	-1.19711	0.175766	0.785524	-1.27304	7.67525	3.41813	0.395862	1
cg14483209	0.210021	1.88685	1.88685	0.0109415	0.215481	-4.64078	0.286178	1.70292	1.70292	0.0100987	0.210142	-4.75868	4.3716	15.9933	3.25195	1
cg10210715	0.407285	0.848693	-1.17828	0.0004539	0.343217	-2.91361	0.12756	1.37559	1.37559	0.0601988	0.663485	-1.50719	16.7435	9.93267	0.52731	1
cg24571875	0.0344762	1.44051	1.44051	0.00016398	0.386251	-2.58899	1.02E-05	0.246804	-4.0518	0.000961901	0.483026	-2.07028	19.1187	6.6331	0.308394	1
cg16259591	0.00882207	0.316488	-3.15968	0.000237432	0.122364	-8.17237	0.0164442	0.363672	-2.74973	0.00527316	0.28106	-3.55796	12.836	24.2026	1.67603	1
cg23728588	0.794762	0.945126	-1.05806	0.836221	0.956175	-1.04583	0.888519	0.970092	-1.03083	0.0448076	0.60738	-1.64642	11.9466	8.86753	0.65979	1
cg25672013	0.692114	1.10422	1.10422	0.000216067	0.214856	-4.65428	0.272924	0.752593	-1.32874	0.000585458	0.266137	-3.75746	8.4818	8.33513	0.873517	1
cg16105754	0.83084	1.08824	1.08824	0.000258608	0.0928867	-10.7658	0.389818	1.41668	1.41668	0.112744	0.505408	-1.9786	7.12569	17.632	2.19948	1
cg07238926	0.217001	1.29812	1.29812	0.000216075	0.28937	-3.45579	0.665238	1.09138	1.09138	0.000212571	0.288509	-3.4661	19.5287	12.4792	0.568018	1
cg08629379	0.000202498	0.262992	-3.80239	2.54E-05	0.166869	-5.99274	0.864886	1.03717	1.03717	0.00100545	0.351265	-2.84686	18.2532	13.2765	0.646534	1
cg23148094	0.15716	1.34902	1.34902	6.18E-05	0.231807	-4.31394	0.818887	1.04643	1.04643	0.0823595	1.46343	1.46343	14.591	9.04865	0.551246	1
cg20730333	0.0132571	0.430106	-2.32501	0.00011409	0.155433	-6.43363	0.488222	0.824017	-1.21357	0.0120212	0.422709	-2.36569	12.8124	15.3322	1.06371	1
cg08580014	0.00560993	4.6711	4.6711	0.000283911	12.3467	12.3467	0.000850293	8.37443	8.37443	0.315234	1.553	1.553	9.97797	28.3942	2.5295	1
cg02979203	0.000331137	0.55407	-1.80483	0.209599	1.14424	1.14424	0.00155933	0.629209	-1.5893	0.0528626	0.799141	-1.25134	9.55946	1.57191	0.146165	1
cg23501520	0.0397163	0.369126	-2.7091	0.00234013	0.168596	-5.93134	0.159223	0.532335	-1.87852	0.0679035	0.424453	-2.35597	5.23054	14.5495	2.47257	1
cg27600794	0.0752312	1.32289	1.32289	0.00288221	1.78414	1.78414	0.104443	1.28495	1.28495	0.0733423	1.32586	1.32586	4.05612	1.28185	0.280913	1
cg16272420	0.664602	0.9147	-1.09326	7.26E-05	0.228527	-4.37584	0.671476	0.916499	-1.09111	0.0854785	0.678044	-1.47483	31.4114	20.782	0.588094	1
cg05598595	0.000951759	0.342333	-2.92113	0.129479	0.700082	-1.4284	5.20E-05	0.192605	-5.19198	0.0283246	0.56923	-1.75676	16.5419	12.4125	0.666994	1
cg00098286	0.562374	1.0801	1.0801	1.47E-05	0.305851	-3.26957	0.680099	1.05606	1.05606	0.268002	1.16391	1.16391	13.0348	3.57285	0.243645	1
cg01047476	0.0919346	1.27811	1.27811	0.0323114	0.717843	-1.39306	0.0614375	1.32139	1.32139	0.00216363	0.56589	-1.76713	10.0514	2.78463	0.246258	1
cg09660043	0.563725	0.916524	-1.09108	0.0105747	1.61648	1.61648	0.9179	0.984719	-1.01552	0.0103914	0.617575	-1.61924	5.70276	2.01447	0.313996	1
cg04195133	0.131754	0.791644	-1.26319	0.00308915	0.559053	-1.78874	0.279327	1.1753	1.1753	0.339285	0.868102	-1.15194	4.37766	1.42991	0.290344	1
cg26747948	0.856477	1.03255	1.03255	0.713807	1.06735	1.06735	0.320419	1.1992	1.1992	0.0302725	0.637187	-1.5694	3.63195	1.80088	0.440752	1
cg17197596	0.000335284	2.02777	2.02777	0.126234	1.22409	1.22409	0.0176339	0.70267	-1.42314	0.00619994	0.646494	-1.54681	58.102	13.7461	0.210298	1
cg12200270	0.073561	0.410504	-2.43603	0.00761158	0.216172	-4.62595	0.0149747	0.26314	-3.80026	0.191944	0.539834	-1.85242	4.81865	15.2023	2.80434	1
cg23681213	0.296772	1.15672	1.15672	0.000655537	0.495208	-2.01935	0.470299	0.90588	-1.1039	0.0971074	1.27769	1.27769	4.66784	1.33897	0.254978	1
cg18250651	0.994004	1.00055	1.00055	0.0112318	0.794024	-1.25941	0.869681	0.988149	-1.01199	0.911388	1.00812	1.00812	4.14374	0.345981	0.0742176	1
cg00021152	0.00702599	0.725754	-1.37788	0.350532	1.0924	1.0924	0.000158364	0.552036	-1.81147	0.93056	1.00805	1.00805	13.4388	1.80054	0.119094	1
cg22861744	0.00445197	1.40218	1.40218	0.0012485	1.52206	1.52206	0.423524	0.929763	-1.07554	0.584617	0.952009	-1.05041	7.09797	0.892283	0.111742	1
cg00713411	0.192006	1.10733	1.10733	0.213285	1.10159	1.10159	0.295261	1.08343	1.08343	0.835314	1.01549	1.01549	6.41753	0.553915	0.0767226	1
cg22757399	0.129012	1.75147	1.75147	0.699909	0.876056	-1.14148	0.00209777	0.227983	-4.38629	0.0031306	3.97577	3.97577	6.16632	11.3998	1.64331	1
cg00174421	0.806256	1.02801	1.02801	0.00075522	0.563116	-1.77583	0.80656	0.972795	-1.02797	0.130869	1.20129	1.20129	4.90192	0.981289	0.177942	1
cg16855633	0.0265054	0.19211	-5.20535	0.0245618	0.186442	-5.36358	0.169969	2.50119	2.50119	0.088124	0.307176	-3.25546	4.20996	26.2294	5.53805	1
cg06691218	0.00824732	1.47352	1.47352	0.817705	0.973857	-1.02684	0.225575	1.15722	1.15722	0.0140198	1.4163	1.4163	3.65947	0.762965	0.185325	1
cg05376895	0.183382	0.525188	-1.90408	0.204185	0.542632	-1.84287	0.0685796	0.394524	-2.5347	0.551872	1.31601	1.31601	4.19067	13.8144	2.93018	1
cg23772042	0.114464	0.557389	-1.79408	0.00156445	0.212854	-4.69805	0.653709	0.857496	-1.16619	0.0985614	0.539705	-1.85286	4.16787	7.65127	1.6318	1
cg04855291	4.29E-05	0.259267	-3.85702	3.37E-08	0.031763	-31.4832	0.0765195	0.710192	-1.40807	0.00115758	0.436485	-2.29103	65.9524	31.5115	0.424704	1
cg04772362	0.00421184	1.94494	1.94494	0.00134245	2.24527	2.24527	0.107701	0.737339	-1.35623	0.263694	1.22414	1.22414	15.4045	7.35084	0.424167	1
cg05219035	0.042443	0.426419	-2.34511	0.000144444	0.0918389	-10.8886	0.183891	0.597982	-1.67229	0.115706	0.535969	-1.86578	8.38245	17.6618	1.87289	1
cg21137707	0.00996951	0.369068	-2.70953	0.636811	0.864432	-1.15683	0.00981715	0.367932	-2.71789	0.156829	0.628864	-1.59017	7.13169	10.5975	1.32086	1
cg08159444	0.10212	1.70785	1.70785	0.1185	1.66031	1.66031	0.0259814	0.453565	-2.20476	0.47178	0.80334	-1.2448	3.92725	5.56681	1.25999	1
cg25734089	0.100461	0.506029	-1.97617	0.0185874	0.339512	-2.9454	0.905008	0.955814	-1.04623	0.66438	1.17969	1.17969	5.05838	11.4797	2.01728	1
cg14569776	0.0364472	0.387003	-2.58396	0.00456111	4.37045	4.37045	0.0668547	0.448368	-2.23031	0.773428	1.1193	1.1193	3.90249	9.42156	2.14599	1
cg06484000	0.946401	1.01198	1.01198	0.218328	1.25786	1.25786	0.0177166	1.66696	1.66696	0.500092	0.885788	-1.12894	5.42483	2.69703	0.441924	1
cg13338783	0.0361684	3.20476	3.20476	0.00134359	9.27412	9.27412	0.00385127	6.43492	6.43492	0.0868357	2.46958	2.46958	4.93305	17.8543	3.21718	1
cg06618097	0.793984	1.05574	1.05574	0.00938549	0.505299	-1.97903	0.341504	0.816171	-1.22523	0.0219954	1.76718	1.76718	4.16119	2.8307	0.604677	1
cg25749306	0.014352	2.65252	2.65252	0.001909	4.14071	4.14071	0.0944381	1.81146	1.81146	0.838625	1.06812	1.06812	3.996	6.61004	1.47037	1
cg24718465	0.795473	1.03034	1.03034	0.0592388	1.27764	1.27764	0.0399071	1.31422	1.31422	2.48E-05	2.62272	2.62272	27.9612	5.86126	0.18633	1
cg16617301	0.35445	0.829018	-1.20625	0.137526	0.729929	-1.37	0.384477	1.19186	1.19186	0.00706783	1.98418	1.98418	8.53227	5.2355	0.545432	1
cg10400652	0.0174564	7.19342	7.19342	0.000202209	70.1719	70.1719	0.00523316	12.3282	12.3282	0.0318593	5.55786	5.55786	8.01243	59.0099	6.54649	1
cg23928165	0.0278429	8.61882	8.61882	0.00131357	48.175	48.175	0.00552078	20.536	20.536	0.0487479	6.45646	6.45646	4.94336	53.7569	9.66628	1
cg03969996	0.842404	1.0522	1.0522	0.917211	1.02693	1.02693	0.193074	1.42202	1.42202	0.010327	2.28401	2.28401	4.73998	4.90503	0.919841	1
cg06424594	0.0106398	4.99508	4.99508	0.709161	0.828917	-1.20639	0.966829	1.02104	1.02104	0.0213863	3.99383	3.99383	7.68167	30.5131	3.53084	1
cg22645881	0.158661	0.811197	-1.23275	0.338435	0.871939	-1.14687	0.000833681	0.497368	-2.01059	0.190319	0.824804	-1.21241	6.55785	2.00306	0.271506	1
cg20243544	0.577863	1.35728	1.35728	0.01913	0.214221	-4.66808	0.385265	0.616507	-1.62204	0.650115	1.28164	1.28164	4.20102	19.6452	4.15671	1
cg23507025	0.000723552	1.4268	1.4268	3.91E-05	0.580325	-1.72317	0.961598	0.996678	-1.00333	0.0828916	1.14194	1.14194	22.9853	1.73919	0.0672581	1
cg06918918	0.942811	1.02049	1.02049	0.000157042	0.160633	-6.22538	0.730021	1.10291	1.10291	0.00201027	0.291611	-3.42922	8.47975	10.736	1.1254	1
cg16408528	0.000164953	0.422352	-2.36769	0.520951	1.09125	1.09125	0.447089	1.10961	1.10961	0.510048	0.914215	-1.09383	6.55104	1.86913	0.253616	1
cg19599972	0.0806179	0.718848	-1.39112	0.00417076	1.92332	1.92332	0.688286	0.933603	-1.07112	0.422883	1.14965	1.14965	4.51797	2.07672	0.408585	1
cg24138021	0.425718	1.15594	1.15594	0.0939639	0.720289	-1.38833	0.445075	0.870492	-1.14878	0.728779	0.939865	-1.06398	4.44172	2.23299	0.446871	1
cg24034629	0.00593421	0.262572	-3.80849	0.765767	1.11743	1.11743	0.654165	1.18243	1.18243	0.807328	0.913201	-1.09505	4.00244	8.75423	1.9442	1
cg02969452	0.172873	1.94388	1.94388	0.00109246	0.109968	-9.09356	0.346707	0.641449	-1.55897	0.517299	0.740205	-1.35098	3.87034	11.441	2.95607	1
cg13802433	0.415951	1.13922	1.13922	0.0117332	1.63815	1.63815	0.404488	1.14308	1.14308	0.464893	1.12368	1.12368	10.5788	4.11801	0.346016	1
cg03299121	0.855678	1.01704	1.01704	0.0074318	1.37704	1.37704	0.442711	1.07533	1.07533	0.0300223	1.26725	1.26725	7.30879	0.996812	0.121231	1
cg00643296	0.00394336	0.460919	-2.16958	0.000122515	0.262157	-3.8145	0.000179626	0.281748	-3.54927	0.0143579	0.547276	-1.82723	12.8037	8.08869	0.56155	1
cg22679014	0.00224332	0.34812	-2.87257	0.000301391	0.234709	-4.26059	0.00753133	0.428222	-2.33524	0.00970377	0.446231	-2.24099	11.8707	11.4354	0.856293	1
cg02397571	0.0819357	0.614969	-1.6261	0.076624	0.608502	-1.64338	0.0122991	0.455481	-2.19548	0.33104	0.77649	-1.28785	5.62827	5.67107	0.895648	1
cg10416846	0.193664	0.561253	-1.78173	0.00355133	0.190276	-5.25553	0.00614157	0.222809	-4.48814	0.247771	0.602027	-1.66106	4.89265	13.6661	2.48283	1
cg03642518	0.0336218	0.43677	-2.28953	0.0179041	0.382724	-2.61285	0.0144746	0.365791	-2.7338	0.0961164	0.543393	-1.84029	4.67983	8.25747	1.56843	1
cg03746834	0.299782	1.72027	1.72027	0.0621543	0.346427	-2.88661	0.384727	0.637688	-1.56816	0.181897	0.489031	-2.04486	3.57646	14.4358	3.58785	1
cg20274304	0.680175	0.754497	-1.32539	0.135606	0.335178	-2.98349	0.0286115	0.172903	-5.7836	0.0650078	0.244602	-4.08827	3.40365	24.8979	6.50226	1
cg26164155	0.716272	1.23267	1.23267	0.013538	5.76263	5.76263	0.000122495	0.0214535	-46.6125	0.94793	1.03814	1.03814	9.48766	38.3868	4.62397	1
cg05000123	0.349921	0.902029	-1.10861	0.00083539	1.71389	1.71389	0.79279	0.972182	-1.02861	0.899553	0.986558	-1.01362	6.23122	1.1333	0.161666	1
cg23609821	0.940982	0.991553	-1.00852	0.77432	0.967598	-1.03349	0.0120127	0.698402	-1.43184	0.333711	1.12102	1.12102	5.15609	1.07198	0.184804	1
cg07567326	0.622841	1.11928	1.11928	0.324601	0.793558	-1.26015	0.149823	1.42044	1.42044	0.0650515	1.6014	1.6014	4.34696	3.55722	0.7274	1
cg04723385	0.844229	1.0244	1.0244	0.0127027	0.684153	-1.46166	0.208273	0.849932	-1.17656	0.723624	1.04448	1.04448	4.31992	1.02776	0.211477	1
cg11243251	0.0569867	0.301922	-3.31211	0.000455541	0.0463909	-21.556	0.0415478	0.270714	-3.69393	0.00602841	0.136029	-7.35136	6.74382	33.0209	4.35242	1
cg04765195	0.242473	0.478488	-2.08992	0.00127395	0.058899	-16.9782	0.235478	0.47273	-2.11537	0.00944979	0.137786	-7.25762	5.00416	28.7792	5.11206	1
cg00439378	0.0451142	0.34125	-2.93041	0.011107	0.225602	-4.43258	0.121464	0.456023	-2.19287	0.153263	0.489096	-2.04459	4.96717	17.2064	3.07914	1
cg26681975	0.406542	1.16239	1.16239	0.000448542	0.374919	-2.66724	0.288385	1.21572	1.21572	0.616779	1.09354	1.09354	15.52	7.72046	0.442181	1
cg22478258	0.15675	0.695919	-1.43695	0.0107758	0.464524	-2.15274	0.842876	0.95361	-1.04865	0.518197	0.854888	-1.16974	11.7429	10.6543	0.806489	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	df
cg23059700	PNPLA1;PNPLA1;PNPLA1	0.00127425	0.00942959	1.62313	0.1174891	1.23663	1.23663	0.00350727	1.78268	1.78268	0.0104421	1.60728	1.60728	0.585657	1.0844	1.0844	0.00224066	1.87743	1.87743	0.00031583	2.36303	2.36303	0.0157167	0.644778	-1.54633	0.201409	0.819889	-1.21968	0.19818	3.76831	0.305016	1
cg00980581	PNPLA1;PNPLA1;PNPLA1	0.0118684	0.0776512	1.48784	1.48784	0.911969	1.02266	1.02266	0.00485582	0.469255	-2.13104	0.565817	1.1248	1.1248	0.00110243	0.377335	-2.65016	0.944183	1.01429	0.143904	0.727526	-1.37452	0.105269	0.698665	-1.4313	0.788941	1.05586	1.59346	3.63629	0.577864	1
cg18927901	PNPLA1;PNPLA1;PNPLA1	0.0208046	0.296167	1.19898	1.19898	0.448509	0.878627	-1.13814	0.0021346	0.485378	-2.06025	0.337919	1.17998	1.17998	0.2234	0.8071	-1.239	0.07660212	1.39092	1.39092	0.0360161	1.50468	1.50468	0.275049	0.826758	-1.20954	0.290203	1.20189	1.20189	4.64181	0.26023	0.3951	1
cg17767484	PNPLA1;PNPLA1;PNPLA1	0.02585104	0.1718621	0.68358	-1.46288	0.01852	0.4737737	-2.1107	0.344157	0.1743	1.17418	0.514332	0.8411687	-1.18883	0.00621359	0.393338	-2.54235	0.88699	1.03789	1.03789	0.00556887	0.385803	-2.592	0.0242416	0.4950293	-2.01901	0.2223303	0.7149981	-1.3986	4.30007	4.66896	0.963128	1
cg02638846	PNPLA1;PNPLA1;PNPLA1	0.0163286	0.0538359	60.9941	-1.64093	0.1818515	0.725688	-1.378	0.479618	1.17654	1.17654	0.906209	1.02702	1.02702	0.00223648	0.379388	-2.63582	0.304947	1.27168	1.27168	0.0741232	0.6137472	-1.5687	0.810337	0.94706	-1.0559	0.317026	1.26366	1.81522	3.09265	0.720542	1
cg24219671	PNPLA1;PNPLA1;PNPLA1	0.0431989	0.101266	0.455898	-2.19347	0.3373141	0.6485681	-1.54186	0.1443381	0.502414	-1.99039	0.569394	1.7774473	-1.28612	0.00660455	0.213598	-4.68374	0.108766	0.46501	-2.15049	0.00679171	0.215351	-4.64357	0.0246913	0.3101014	-3.22463	0.0681993	0.410257	-2.4375	5.5797	10.8637	2.6976	1
cg11896211	PNPLA2	2.27E-05	0.0130948	0.549071	-1.82126	0.53849	0.885742	-1.129	0.620457	1.10214	1.10214	0.000867945	0.377731	-2.64739	0.00772611	0.513426	-1.9477	3.12E-06	0.115685	-8.64417	1.39E-05	5.85221	5.85221	0.0234106	0.5900251	-1.69484	0.00704165	0.507292	-1.97125	32.7586	19.6914	0.534318	1
cg05196145	PNPLA2	0.000191331	0.0001708	0.439771	-2.28368	6.12E-05	0.3834483	-2.60768	0.3473255	0.882125	-1.13363	0.0994688	0.7594486	-1.36159	6.72E-05	0.388282	-2.57544	0.00995401	0.658861	-1.51743	0.0316391	0.732193	-1.36567	0.0236309	0.7021	-1.4243	0.0291892	0.716764	-1.39516	15.2923	4.06672	0.236385	1
cg03059360	PNPLA2	0.00819879	0.082685	0.613986	-1.6287	0.961896	1.0122	1.0122	0.240574	0.732286	1.85708	-1.36596	0.032226	1.89008	1.89008	0.0818576	0.326613	-3.06173	0.438859	0.81528	-1.2247	0.140477	0.668662	-1.49552	0.00710074	0.241765	2.41765	0.0861437	0.617889	1.61815	6.2953	6.42339	0.906976	1
cg14522803	PNPLA2	0.0290235	0.28519	0.759892	-1.31598	0.0203191	1.99648	1.99648	0.367209	1.2575	1.2575	0.00301687	2.73393	2.73393	0.190501	0.709702	-1.40904	0.705784	0.910452	-1.09836	0.36454	0.794158	-1.2592	0.0716987	1.64445	1.64445	0.949618	0.984491	-1.01575	4.13505	4.00694	0.861351	1
cg24313575	PNPLA2	0.0454136	0.247328	0.805803	-1.24095	0.3145	0.6688018	-1.4955	0.1578921	0.633571	1.57862	-1.11774	0.1009441	0.9579902	1.04435	1.04435	0.0002045	0.545605	1.83293	0.0010267	3.26003	3.26003	0.0015982	0.4545407	1.099207	1.10037	0.871436	0.97151	-1.02953	14.5346	3.77222	0.448362	1
cg18331182	PNPLA2;PNPLA6	0.0262145	0.704816	-1.41881	0.0109916	0.586471	-1.71036	0.0102574	0.580261	-1.72336	0.142177	0.766877	-1.30399	0.0893843	0.729742	-1.37035	0.27382	1.21113	0.2110586	1.61183	0.147288	0.867105	-1.15326	0.0077113	0.562237	-1.77861	0.837063	2.61614	0.398357	1
cg04602425	PNPLA3	0.00126608	0.6960861	1.11906	1.11906	0.0420901	1.95651	1.95651	0.156121	1.54466	1.54466	0.00167181	2.25739	2.25739	-3.62585	0.138728	0.632125	-1.58207	0.025743	0.48135	-2.07731	0.0499566	1.00181	1.00181	0.0593969	1.842017	1.84017	11.002	14.3101	1.15617	1
cg11576412	PNPLA3	0.0036277	0.00964035	0.440686	-2.26939	0.300957	0.7648851	-1.3074	0.1443883	1.45737	1.45737	0.05012262	1.71787	1.71787	0.0351938	1.84709	1.84709	0.00103765	3.37013	3.37013	0.00314818	2.74408	2.74408	0.0434611	1.78747	1.78747	0.0785967	1.63008	1.63008	8.08653	8.01228	0.880727	1
cg23653187	PNPLA3	0.0574688	0.854223	-1.17065	0.135282	0.566191	-1.76619	0.216785	0.6318	-1.58278	0.807441	0.512915	-1.94604	0.000864807	0.170905	-5.85122	0.329606	0.70073	-1.42708	0.0417593	0.358461	-2.78971	0.0260918	0.393154	-2.54353	0.804528	0.916115	-1.09157	4.39385	8.67756	1.75742	1
cg13184872	PNPLA3;PNPLA3	0.0100407	0.1883717	1.39353	1.39353	0.0207442	0.455826	-2.0382	0.0535909	1.79165	1.79165	0.0519142	1.6099	1.6099	0.0268447	0.558701	-1.78974	0.028296	1.54151	-1.84669	0.318761	0.782557	-1.27788	0.391418	1.2324	1.2324	0.0180802	1.967	1.90295	5.29415	0.797213	1
cg24805708	PNPLA4;PNPLA4	3.58E-05	0.0003092	0.256463	-3.8992	0.0028594	0.434193	-2.30312	0.00316716	0.440639	-2.26943	0.365486	0.827778	-1.20805	0.000167783	0.215945	-3.67721	0.000270192	0.296944	-3.36763	1.31E-06	0.08036639	-12.4434	0.581241	0.892932	-1.11991	0.0003202	0.306084	-3.26708	29.0732	19.0267	0.581725	1
cg03484234	PNPLA4;PNPLA4	0.00314584	0.0140836	0.42617	4.14417	0.0075253	0.49557	-2.0179	0.189945	1.91731	1.91731	0.659741	0.812418	-1.23085	0.00252862	0.140025	-7.14156	0.03008898	3.3071	3.3071	0.00442359	6.02576	6.02576	0.0045218	5.24587	0.356551	1.5599	1.5599	8.43983	29.3865	3.095	1
cg05283871	PNPLA4;PNPLA4	0.00546735	0.0140614	0.530861	-1.88379	0.000224092	0.207633	-4.8162	0.0721772	0.598255	-1.67153	0.0250241	1.5035315	-1.97896	0.001659614	0.317297	-3.15163	0.694323	0.903831	-1.1064	0.0852246	0.614379	-1.62766	0.66515	0.89451	-1.11793	0.323574	0.770187	-1.29839	7.1406	7.14169	0.922636	1
cg00479579	PNPLA4;PNPLA4	0.0138232	0.00132582	17.4421	17.4421	0.224788	2.18299	2.18299	0.797683	0.854459	-1.17033	0.294908	1.94471	1.94471	0.181003	0.419122	-2.38594	0.463394	1.57932	1.57932	0.609669	1.37064	1.37064	0.0211621	5.45802	5.45802	0.00390911	10.7857	10.7857	5.32206	31.6002	5.27786	1
cg04659622	PNPLA4;PNPLA4	0.0389961	0.0743265	1.5961	2.58567	0.379704	1.17683	1.17683	0.0652559	1.64582	1.64582	0.0652559	1.64582	1.64582	0.0652559	1.64582	1.64582	0.0572139	2.80702	2.80702	0.00359148	6.63113	6.63113	0.0102829	3.32675	3.31675	0.43582	1.46436	1.47272	13.5521	3.24025	1
cg01823238	PNPLA4;PNPLA4	0.0024371	7.03E-05	32.5293	32.9293	0.595805	1.29421	1.29421	0.0116694	4.62752	4.62752	0.0224981	3.73097	3.73097	0.023079	0.787692	-1.29563	0.508013	1.38197	1.38197	0.00315823	6.98073	6.98073	0.0066566	3.97412	-1.02652	0.0982845	2.39534	9.1	33.4477	3.26718	1
cg09659817	PNPLA4;PNPLA4	0.0285326	0.0438267	15.0565	19.6265	0.0934145	4.6409	4.6409	0.0227309	7.61244	7.61244	0.0227309	7.61244	7.61244	0.0227309	7.61244	7.61244	0.1119616	3.91013	3.91013	0.0179333	8.49799	8.49799	0.0444784	4.64779	3.83445	0.0633483	3.04677	3.0992256	0.9844438	-1.01581	0.0269969	1.842017	1.84017	11.002	14.3101	1.15617	1
cg01708387	PNPLA5	4.85E-06	0.880318	0.97006	-1.03086	3.55E-05	0.19986	-5.00351	4.46E-05	0.21018	-4.75783	0.00051023	0.3543523	-2.98933	9.27E-07	0.0729468	-13.7086	2.43E-05	0.183347	-5.45413	0.0038774	2.1919	2.1919	0.0506444	1.56725	1.56725	2.14E-05	0.178096	-5.61495	48.9163	31.5337	0.573019	1
cg09142166	PNPLA5;PNPLA5	0.000723642	0.00456254	0.88055	-2.08095	0.994169	1.00142	1.00142	0.7316	0.246662	-4.05413	0.22572	0.781282	-1.27995	0.817911	0.956245	-1.04576	0.438084	0.857743	-1.16585	0.8205	-1.21916	-3.98063	0.2270566	0.781891	-1.27895	0.00664722	0.504941	-1.98043	0.812983	7.68401	0.529872	1
cg11605511	PNPLA5;PNPLA5	0.00242975	0.0588727	1.92181	1.92181	0.0495405	0.4409	0.4409	0.0227309	2.51686	2.51686	0.0227309	2.51686	2.51686	0.0227309	2.51686	2.51686	0.0050802	4.77667	4.77667	0.0011626	11.4554	11.4554	0.0044777	4.90999	2.09428	0.686437	0.959515	-1.04164	0.9085863	0.9955196	-1.00455	0.1058631	0.9955196	-1.00455	0.1058631	1
cg03085088	PNPLA5;PNPLA5	0.00305825	0.00623314	0.28548	-3.50287	0.000451764	0.143099	-6.98818	0.0227024	0.383279	-2.60906	0.635217	1.18297	1.18297	0.00429198	0.261077	-3.83029	0.036061	0.424323	-2.35669	0.00288505	0.23674	-4.22405	0.00407699	0.257835	-3.87845	0.1233441	0.556051	-1.7984	8.5094	16.6614	1.74044	1
cg03177194	PNPLA5;PNPLA5	0.00715502	0.0468391	0.866391	-1.15421	0.2006514	0.81116	1.6136	0.57128	0.12404	-8.06455	0.0898912	1.356695	1.356695	0.0790435	0.737131	-1.35645	0.931586	0.970116	-1.0308	0.2006514	0.632493	-1.61162	0.0809158	0.5.24587	0.356551	1.5599	1.5599	8.43983	29.3865	3.095	1
cg04755031	PNPLA5;PNPLA5	0.00769394	0.439553	1.16319	1.16319	0.61951	1.32396	1.32396	0.310303	0.8176655	-1.22301	0.307766	1.2244	1.2244	0.684377	1.08152	1.08152	0.00545157	0.496075	-2.01582	0.00614707	0.503854	-1.9847	0.00275201	2.20831	2.20831	0.479548	1.14778	1.44728	3.74027	0.517671	1
cg04522694	PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.0428749	0.796343	0.948862	-1.05389	0.028289	1.69141	1.69141	0.0362163	1.63934	1.63934	0.874019	0.968308	-1.03273	0.327533	0.814539	-1.22769	0.99642	0.99909	-1.00091	0.00632211	0.485937	-2.05788	0.339285	0.818812	-1.22128	0.900871	0.975025	-1.02561	1.58974	2.34195	0.579912	1
cg13721800	N1	0.00011166	0.0372296	0.754908	-1.32467	9.27E-05	2.25028	2.25028	0.00161067	1.69183	1.69183	0.000684843	1.82763	1.82763	0.00031891	0.575523	-1.73755	0.101756	0.811987	-1.23155	0.00594701	1.86616	1.86616	0.0011813	1.73864	1.73864	0.0173296	1.40068	1.40068	21.4963	4.60209	0.1903	1
cg00038167	N1	0.00239345	0.89329	0.970424	-1.03048	0.0134512	1.98283	1.98283	0.00309279	2.47342	2.47342	0.163171	1.39508	1.39508	0.0081267	0.468615	-2.13395	0.298896	1.27233	1.27233	0.00115452	2.90992	2.90992	0.00508988	2.28024	2.28924	0.0112374	2.03501	2.03501	9.14845	7.25019	0.704449	1
cg24111008	A6	0.00096032	0.00337762	25.2223	-3.96474	0.187664	1.62009	1.62009	0.79997	0.916003	-1.0917	0.111824	0.549718	-1.81912	0.129383	0.567676	-1.76157	3.25E-05	0.063721	-16.294	0.00941267	0.320633	-3.11883	0.168036	1.66142	1.66142	0.399198	1.34748	1.34748	11.7798	22.2764	1.68095	1
cg25807671	A6	0.00213221	0.0361501	1.41794	1.41794	0.693761	0.944861	-1.05836	0.000902537	0.490759	-2.03766	0.0725053	1.3327	1.3327	0.00557275	1.68507	1.68507	0.0643281	1.34701	1.34701	0.00154216	1.92097	1.92097	0.894874	1.01913	1.01913	0.0251611	1.46468	1.46468	9.4635	3.07862	0.289169	1
cg05308391	A6	0.00428616	0.730613	0.913401	-1.09481	0.242945	1.37744	1.37744	0.134361	0.655032	-1.52664	0.0565961	1.76046	1.76046	0.00553387	1.884655	-2.59973	0.000203239	0.195444	-5.11656	0.125937	0.647943	-1.54335	0.700779	0.903762	-1.10649	0.114635	0.637838	-1.5678	7.69033	8.36522	0.968896	1
cg13978767	A6	0.00697292	0.071523	0.736371	-1.35801	0.156102	1.29552	1.29552	0.0147224	1.57857	1.57857	0.795999	0.96137	-1.04018	0.394561	1.14179	1.14179	0.00108692	0.480381	-2.08168	0.0265333	1.49162	1.49162	0.116014	1.29662	1.29662	0.178482	1.24281	1.24281	6.62312	2.42555	0.325533	1
cg02481918	A6	0.0260136	0.201186	0.808725	-1.23651	0.0587598	0.71481	-1.39897	0.180693	0.799685	-1.25049	0.989947	1.00198	1.00198	0.970639	0.994228	-1.00581	0.0698181	1.37556	1.37556	0.0442485	1.43827	1.43827	0.00464857	0.553196	-1.80768	0.130385	0.77343	-1.29294	4.29729	1.68337	0.348203	1
cg01839825	A6	0.0271547	0.0121988	13.3261	13.3261	0.104376	4.35839	4.35839	0.109307	4.25403	4.25403	0.188193	3.17809	3.17809	0.471754	1.83491	1.83491	0.507879	1.74549	1.74549	0.0332493	2.77.8855	27.8855	0.00871499	15.9833	15.9833	0.0252008	0.0909	9.0909	4.23137	46.1	9.68018	1
cg01630925	A6	0.0287763	0.77791	0.936739	-1.06753	0.866487	1.03965	1.03965	0.153874	0.70269	-1.4231	0.0196728	1.91791	1.91791	0.113968	0.672056	-1.48797	0.451969	1.19375	1.19375	0.00288363	2.5783	2.5783	0.434017	1.20261	1.20261	0.124846	1.46812	1.46812	4.14757	3.50871	0.751971	1
cg08095770	A6	0.0361712	0.684097	1.0982	1.0982	0.0406536	1.71809	1.71809	0.0218666	1.8775	1.8775	0.0710873	1.58675	1.58675	0.255838	0.76215	-1.31208	0.0153035	0.505721	-1.97738	0.129234	1.45553	1.45553	0.401416	1.21733	1.21733	0.848884	1.04465	1.04465	3.82124	3.1732	0.738144	1
cg23037918	A6	0.0474888	0.150628	0.781851	-1.27902	0.104981	1.32712	1.32712	0.0203276	1.56333	1.56333	0.77457	1.04694	1.04694	0.00394966	1.85767	1.85767	0.474849	1.1231	1.1231	0.425113	1.13896	1.13896	0.536755	0.904908	-1.10509	0.909705	1.01829	1.01829	1.45491	1.39632	0.359248	1
cg22255483	A6;PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.00776291	6.34E-06	0.0459847	-21.7464	0.101265	0.577928	-1.73032	0.185644	0.651259	-1.53549	0.474243	1.24904	1.24904	0.873924	0.952636	-1.04972	0.359839	0.750011	-1.33331	0.877267	0.953874	-1.04836	0.732253	0.90038	-1.11064	0.587102	0.84574	-1.1824	12.7005	18.7809	1.31445	1
cg18831262	A6;PNPLA6	0.0413169	0.287729	0.734161	-1.3621	0.49067	1.21653	1.21653	0.511761	1.20479	1.20479	0.116334	1.61246	1.61246	0.0144357	0.349798	-2.85879	0.316861	0.748491	-1.33602	?	?	0.219474	1.43551	1.43551	0.105618	1.64038	1.64038	5.96305	4.07849	1.10347	1
cg04638830	PNPLA7	2.32E-05	0.0077828	0.589226	-1.69714	0.000295819	1.84701	1.84701	1.38E-05	0.388412	-2.57459	0.691251	1.04244	1.04244	7.85E-05	0.475425	-2.10338	0.226077	1.1415	1.1415	0.0053151	1.46511	1.46511	0.000476377	0.5649525	-1.77015	0.000315131	0.544571	-1.83631	32.5934	5.59546	0.1526	1
cg00698575	PNPLA7	2.22E-05	0.0002113	0.47669	-2.09769	0.0001107	1.36502	1.36502	0.0004504	2.19291	2.19291	0.0001591	2.66503	2.66503	0.0001337	0.306761	-3.26042	0.0125521	1.74226	1.74226	0.0012597	2.76917	2.76917	0.12412	1.22412	1.22412	0.0298701	1.72989	1.72989	0.0192376	0.602652	-1.65913	25.1237	12.534	0.450183	1
cg13698125	PNPLA7;PNPLA7	0.00023474	0.513065	1.07795	1.07795	0.0336733	0.636785	-1.57039	0.000157762	0.481082	-2.07865	2.12E-05	0.379469	-2.63526	0.0243021	0.738015	-1.35499	0.961756	0.994580	-1.00544	0.0429202	1.03167	1.03167	0.117216	1.21235	1.21235	0.0317767	0.708548	-1.41134	57.4896	3.56718	0.180267	1
cg06715606	PNPLA7;PNPLA7	0.00267259	0.0002816	0.458354	-2.18153	0.0001107	1.29513	1.29513	0.0003897	2.03753	2.03753	0.0001107	2.55151	2.55151	0.0001107	0.392203	-2.55003	1.38E-05	0.102727	9.73011	0.0001107	1.59375	1.59375	0.0242953	1.40564	1.40564	0.0149419	1.31945	1.31945	0.0116943	0.533426	-1.87594	0.9832	0.5.24585	1.83	0.0.24585	1
cg13573244	PNPLA7;PNPLA7	0.00307702	0.1591614	0.810605	-1.23365	0.388833	1.13116	1.13116	4.02E-05	0.334687	-2.98787	0.00654905	0.610852	-1.63706	2.33E-05	0.30737	3.2534	0.729433	1.04965	1.04965	0.81136	0.967534	-1.03356	0.109282	0.7837738	-1.27594	0.0348393	0.709475	-1.40949	16.3364	3.03852	0.274155	1
cg13882169	PNPLA7;PNPLA7	0.00057025	0.00946332	0.491462	-2.03475	0.00878763	0.486326	-2.05624	0.000295928	0.279969	-3.57183	0.0109796	0.501864	-1.99257	8.67E-05	0.218179	-4.57919	0.082174	0.659714	-1.51581	0.0184643	0.5234	-1.91059	0.000131412	0.23844	-4.19393	0.133312	0.798279	-1.25269	13.7778	10.1839	0.557027	1
cg20093660	PNPLA7;PNPLA7	0.00579915	0.0378363	0.77312	-1.29338	0.0188407	1.16868	1.16868	0.0760944	0.613673	-1.629	0.390298	0.891934	-1.12146	0.0188854	0.742093	-1.34591	0.172429	1.73824	1.73824	0.0202009	0.6344491	-1.57606	0.0651816	0.805511	-1.24145	0.173134	0.74932	-1.33479	0.153641	0.5.24585	1.83	0.0.24585	1
cg13906573	PNPLA7;PNPLA7	0.0011076	0.523067	0.837207	-1.19445	0.0016738	0.291236	-3.43387	0.000628484	0.236222	-4.2333	0.000212253	0.182825	-5.46971	0.000936462	0.257821	-3.87866	0.005676?9	0.369326	-2.70764	0.845791	0.947948	-1.05491	0.0114224	0.419349	-2.38465	0.403851	0.790967	-1.26428	11.4299	13.6428	1.06099	1
cg19318751	PNPLA7;PNPLA7	0.00128059	0.0002156	0.414114	-2.41466	0.0001107	0.962421	-1.03905	0.0004433	1.94339	1.94339	0.246647	1.768343	-1.30137	0.000113398	0.24067	-4.2075	0.199711	0.743237	-1.3454	0.0298701	1.75019	1.75019	0.0.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	28.3976	6.67536	1
cg14222990	PNPLA7;PNPLA7	0.00148905	0.367948	0.649561	-1.43976	0.240774	0.616309	-1.62256	0.318296	0.665961	-1.50159	0.339294	0.678299	-1.47428	1.56E-05	0.0296315	-33.7479	0.041526	2.38608	2.38608	0.0.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	0.153641	0.5.24585	1.83	0.0.24585	1
cg06299741	PNPLA7;PNPLA7	0.00153592	0.00217443	0.110613	-9.04051	0.111745	0.412053	-2.42687	0.140368	0.444	-2.25225	0.737483	0.841812	-1.18791	6.67E-05	0.0237379	-42.1268	0.010458	0.192095	-5.20575	0.00127514	0.0902441	-11.0811	0.0575907	0.333154	-3.00161	0.0133364	0.208349	-4.79964	10.4084	43.193	3.66873	1
cg18274896	PNPLA7;PNPLA7	0.00355606	0.0827564	1.31455	1.31455	0.0524336	0.44311	-2.2561	0.0348726	0.5.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	0.000108735	0.231867	4.31282	0.0.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	0.153641	0.5.24585	1.83	0.0.24585	1
cg13628156	PNPLA7;PNPLA7	0.00462723	0.0392931	0.522313	-1.91456	0.439535	1.2395	1.2395	0.000518232	0.228837	-4.36992	0.144358	1.53276	1.53276	0.00157306	0.290387	-3.44368	0.660621	1.12787	1.12787	0.0288683	0.495692	-2.01738	0.263182	0.727825	-1.37396	0.133771	0.643753	-1.55339	7.51384	8.82714	1.04425	1
cg14330496	PNPLA7;PNPLA7	0.00568542	0.253929	1.09154	1.09154	0.0938601	0.739292	0.739292	0.0.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	0.000913245	0.184595	-5.42185	0.0.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	0.153641	0.5.24585	1.83	0.0.24585	1
cg13706769	PNPLA7;PNPLA7	0.0072665	0.00549042	0.505792	-1.9771	0.0073085	0.524265	-1.90743	0.318713	0.824978	-1.21215	0.0187424	0.587545	-1.702	0.0385424	0.639247	-1.56434	0.440919	1.15803	1.15803	0.000620252	0.374058	-2.67338	0.238586	0.794175	-1.25917	0.971934	0.993453	-1.00659	6.5384	3.60952	0.49071	1
cg13662196	PNPLA7;PNPLA7	0.0134873	0.278096	0.883367	-1.11313	0.0803104	0.831637	-1.20245	0.0546286	0.812884	-1.23019	0.397874	0.68574	-1.08574	0.765848	0.972018	-1.02879	0.13884	0.859504	-1.16346	0.00272558	0.62978	1.62978	0.547786	1.0595	1.0595	0.332657	0.909402	-1.09962	5.36518	0.767313	0.127126	1
cg28286644	PNPLA7;PNPLA7	0.0177425	0.0499521	0.719554	-1.39015	0.000465466	0.161438	-6.19437	0.0.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	0.000132245	0.122772	0.587892	-1.70167	0.0.24585	1.83	0.0.24585	1	0.107929	0.272894	0.758398	-1.31763	0.153641	0.5.24585	1.83	0.0.24585	1
cg01972335	PNPLA7;PNPLA7	0.018685	0.261779	1.18834	1.18834	0.4037?1	0.881632	-1.13426	0.0979448	0.765136	-1.30696	0.6641716	1.35895	1.35895	0.235207	0.832388	-1.20136	0.0110412	1.60007	1.60007	0.00770732	1.6567	1.6567	0.218779	0.826359	-1.21013	0.152419

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20896738	POFUT2;POFUT2;LOC642852;POFUT2	0.000806736	0.670256	1.0929	1.0929	7.56E-05	0.150387	-6.64953	0.283211	1.26363	1.26363	0.0896753	0.669365	-1.49395	0.0317707	0.575204	-1.73851	0.605503	1.11425	1.11425	0.479441	1.16147	1.16147	0.00122546	3.12004	3.12004	0.00388055	2.4693	2.4693	20.1701	13.0327	0.430762	1
cg00500729	POFUT2;POFUT2;LOC642852;POFUT2	0.00583998	0.0486505	1.26406	1.26406	0.0147215	0.731702	-1.36668	0.492605	0.930056	-1.0752	0.111374	1.19775	1.19775	0.100186	1.20612	1.20612	0.936428	1.00833	1.00833	0.000423887	0.559372	-1.78772	0.292198	1.12043	1.12043	0.629615	1.05186	1.05186	6.99726	1.19981	0.152416	1
cg06929414	POFUT2;POFUT2;LOC642852;POFUT2	0.017642	0.132835	0.59971	-1.66747	0.228805	1.48916	1.48916	0.00798285	2.92147	2.92147	0.161591	1.60207	1.60207	0.349325	1.35495	1.35495	0.00693125	3.00925	3.00925	0.0199565	0.412474	-2.42439	0.326459	1.37634	1.37634	0.329127	1.37376	1.37376	4.90815	7.72766	1.39952	1
cg05091734	POFUT2;POFUT2;LOC642852;POFUT2	0.0462095	0.319429	0.805381	-1.24165	0.032091	1.69581	1.69581	0.00838302	2.0309	2.0309	0.557088	1.13306	1.13306	0.991511	0.997765	-1.00224	0.953241	1.01241	1.01241	0.41664	0.839768	-1.19081	0.0288306	0.58145	-1.71984	0.438209	1.18097	1.18097	3.49062	2.44639	0.622973	1
cg08538258	POFUT2;POFUT2;LOC642852;POFUT2	0.0467671	0.0668869	1.73699	1.73699	0.679369	1.1182	1.1182	0.0552001	1.79365	1.79365	0.0229878	2.07716	2.07716	0.702522	1.10865	1.10865	0.951031	0.983628	-1.01664	0.0467502	0.542274	-1.84409	0.548406	0.849393	-1.17731	0.0232191	2.07365	2.07365	3.47491	3.97623	1.01713	1
cg03515060	POFUT2;POFUT2;POFUT2	0.000598067	0.697447	1.0545	1.0545	0.135874	1.24394	1.24394	0.393369	0.888027	-1.12609	0.00541051	1.64417	1.64417	0.00539696	0.608069	-1.64455	2.91E-05	0.32823	-3.04664	0.0416143	1.37583	1.37583	0.313862	1.15197	1.15197	0.637201	0.937515	-1.06665	13.5961	3.97244	0.259711	1
cg08707771	POFUT2;POFUT2;POFUT2	0.00153776	0.138307	0.863037	-1.1587	0.000390718	1.68501	1.68501	0.18887	1.13712	1.13712	0.846013	0.982212	-1.01811	0.017608	1.30551	1.30551	0.34892	1.09309	1.09309	0.000113568	1.86926	1.86926	0.911966	1.01026	1.01026	0.0286577	1.26907	1.26907	10.4048	1.40414	0.119957	1
cg06758583	POFUT2;POFUT2;POFUT2	0.00325451	0.00237136	0.123248	-8.11374	0.74939	0.853585	-1.17153	0.21542	0.525151	-1.90421	0.347658	1.61227	1.61227	0.000518745	0.0689558	-14.502	0.975462	0.984922	-1.01531	0.000777952	0.0811541	-12.3222	0.501291	0.713807	-1.40094	0.0290537	0.280591	-3.56391	8.3533	32.2798	3.43495	1
cg14247588	POFUT2;POFUT2;POFUT2	0.00365122	0.00133968	0.456728	-2.18949	0.0051279	0.537075	-1.86194	0.439729	0.875918	-1.14166	0.650009	1.07983	1.07983	0.00177358	0.473172	-2.1134	0.172429	0.783367	-1.27654	0.286944	1.2043	1.2043	0.134714	0.762522	-1.31144	0.00149646	0.463193	-2.15893	8.07088	3.61303	0.397922	1
cg17217575	POFUT2;POFUT2;POFUT2	0.0182485	0.301501	0.595404	-1.67953	0.0178297	4.03516	4.03516	0.82963	0.900886	-1.11002	0.834189	1.10687	1.10687	0.00702418	0.184858	-5.40956	0.969217	0.981482	-1.01887	0.00460737	0.160995	-6.21138	0.844899	0.909491	-1.09952	0.0637201	0.364355	-2.74458	4.85269	18.0317	3.30295	1
cg11759288	POFUT2;POFUT2;POFUT2	0.0185526	0.507709	0.861704	-1.16049	0.0322615	1.74256	1.74256	0.121667	0.68961	-1.45009	0.52082	1.15506	1.15506	0.0509178	0.61108	-1.63645	0.00134523	0.356402	-2.80582	0.736316	0.927878	-1.07773	0.56298	1.13829	1.13829	0.343861	1.24106	1.24106	4.82574	3.74921	0.690594	1
cg23694811	POGK	2.20E-05	0.438702	1.09355	1.09355	5.98E-05	2.31703	2.31703	0.000499876	1.85239	1.85239	7.70E-05	2.24982	2.24982	6.53E-05	0.43611	-2.293	0.117538	1.21224	1.21224	0.57971	0.938627	-1.06539	9.03E-06	2.96953	2.96953	0.119579	1.21074	1.21074	33.047	6.7096	0.180473	1
cg00567298	POGK	0.000209764	0.0618392	0.639459	-1.56382	0.700699	0.921165	-1.08558	7.63E-05	0.217669	-4.59413	0.5596	1.13364	1.13364	2.55E-05	0.169444	-5.90164	0.0596437	0.636411	-1.57131	0.000281327	0.282978	-3.53384	0.470055	0.855344	-1.16912	0.000749109	0.337092	-2.96655	18.1351	12.9835	0.636385	1
cg18267943	POGK	0.00341157	0.00244793	0.582261	-1.71744	0.101767	0.794675	-1.25838	0.248376	1.16744	1.16744	0.000769003	0.520224	-1.92225	0.0663087	1.30245	1.30245	0.0316243	1.38168	1.38168	0.236304	0.852815	-1.17259	0.497367	1.09242	1.09242	0.129481	1.23388	1.23388	8.2366	2.14732	0.231737	1
cg26079320	POGK	0.00379153	0.0300561	0.786967	-1.2707	0.150876	0.865422	-1.15551	0.00063057	1.63763	1.63763	0.0224077	0.773485	-1.29285	0.570073	0.947536	-1.05537	0.922681	1.00916	1.00916	0.0159506	0.758006	-1.31925	0.648328	0.957803	-1.04406	0.0199483	1.30178	1.30178	7.98002	1.11411	0.1241	1
cg24690722	POGK	0.01555	0.571184	1.09938	1.09938	0.877962	1.02577	1.02577	0.24204	1.22473	1.22473	0.0375611	1.491	1.491	0.00574296	0.549145	-1.82101	0.237698	0.81483	-1.22725	0.0915117	1.36021	1.36021	0.0143716	1.64803	1.64803	0.0274852	1.53985	1.53985	5.11927	2.22222	0.385857	1
cg21263605	POGK	0.0384717	0.155643	0.856094	-1.1681	0.420622	0.919297	-1.08779	0.0751053	1.2247	1.2247	0.771363	0.97064	-1.03025	0.0995717	0.831432	-1.20274	0.0974346	1.20443	1.20443	0.00733534	1.42403	1.42403	0.679077	1.04347	1.04347	0.118189	0.840722	-1.18945	3.73623	0.618928	0.14725	1
cg14520360	POGZ;POGZ	0.0302861	0.349235	0.744269	-1.3436	0.00490222	3.13512	3.13512	0.651198	1.14969	1.14969	0.153574	1.5973	1.5973	0.289697	0.714031	-1.4005	0.617554	0.85702	-1.16683	0.111939	0.588288	-1.69985	0.0136593	2.54695	2.54695	0.441743	0.786296	-1.27179	4.07307	6.06009	1.32252	1
cg17021527	POGZ;POGZ;POGZ	0.000900245	0.0101136	0.372794	-2.68245	0.00114583	0.233678	-4.2794	0.00802318	0.35594	-2.80946	0.0341111	0.471449	-2.12112	0.000210679	0.151934	-6.58182	0.43006	0.782752	-1.27754	0.000138173	0.134861	-7.41506	0.253908	0.696068	-1.43664	0.00270219	0.283566	-3.52652	12.1218	17.7535	1.30186	1
cg12647320	POGZ;POGZ;POGZ	0.00164938	0.554757	1.19646	1.19646	0.74552	0.906858	-1.10271	0.0122999	0.392185	-2.54982	0.267209	0.70679	-1.41485	0.000193039	0.151938	-6.58162	0.51653	1.21831	1.21831	0.000162394	0.144813	-6.90548	0.384007	0.764919	-1.30733	0.0747643	0.551076	-1.81463	10.1965	14.5558	1.26891	1
cg18801370	POGZ;POGZ;POGZ	0.0238719	0.300905	1.31282	1.31282	0.0318461	1.89408	1.89408	0.325871	0.772924	-1.29379	0.857664	0.955439	-1.04664	0.00317742	0.359476	-2.78183	0.167488	0.688257	-1.45295	0.0160065	0.472965	-2.11432	0.338127	0.778235	-1.28496	0.660986	0.893995	-1.11857	4.42759	4.5211	0.907662	1
cg12213201	POGZ;POGZ;POGZ;POGZ;POGZ;POGZ	0.000754247	0.0294397	0.294917	-3.39079	0.236684	1.80457	1.80457	0.0313171	3.32906	3.32906	0.368194	1.55283	1.55283	2.65E-05	0.0191439	-52.236	0.00274384	0.139725	-7.15692	0.367199	1.55433	1.55433	0.815024	0.894417	-1.11805	0.46978	0.704592	-1.41926	12.7413	45.7464	3.19147	1
cg09988380	POGZ;POGZ;POGZ;POGZ;POGZ;POGZ	0.00535992	0.460375	1.12439	1.12439	0.140061	1.28099	1.28099	0.650217	0.931269	-1.0738	0.00772333	1.70539	1.70539	0.233858	1.21492	1.21492	0.347041	1.16304	1.16304	0.000260937	0.391984	-2.55113	0.344612	0.859123	-1.16398	0.635869	1.07723	1.07723	7.18419	2.76836	0.342524	1
cg03271651	POGZ;POGZ;POGZ;POGZ;POGZ;POGZ	0.00990854	0.0349224	0.36202	-2.76228	0.450865	0.727929	-1.37376	0.211725	1.72254	1.72254	0.787767	0.894458	-1.11799	0.00170133	0.156838	-6.37601	0.245827	0.605487	-1.65156	0.00215648	0.168566	-5.93238	0.0532114	0.403373	-2.47909	0.0178941	0.304356	-3.28562	5.92801	16.0415	2.40538	1
cg07274204	POL3S	0.0160582	0.165371	0.48873	-2.04612	0.0650918	2.7241	2.7241	0.166472	2.04182	2.04182	0.220645	1.86461	1.86461	0.00183962	0.117595	-8.50376	0.0833746	0.395589	-2.52788	0.0609877	0.359967	-2.77803	0.276725	1.72876	1.72876	0.849668	1.09616	1.09616	5.06487	18.7801	3.29592	1
cg03581660	POL3S	0.0199898	0.151461	0.621766	-1.60832	0.0207133	0.422683	-2.36584	0.0171376	0.407284	-2.45529	0.471455	1.25418	1.25418	0.28947	0.71181	-1.40487	0.043354	0.487524	-2.05118	0.00133515	0.236464	-4.22898	0.579298	0.841015	-1.18904	0.0564233	0.512821	-1.95	4.70538	7.12375	1.34574	1
cg09623162	POL3S	0.026087	0.309243	1.18255	1.18255	0.0191634	0.636594	-1.57086	0.0686036	0.722674	-1.38375	0.675134	1.06947	1.06947	0.489932	1.11823	1.11823	0.103868	0.753249	-1.32758	0.0517779	1.42286	1.42286	0.515325	1.11083	1.11083	0.00791826	0.581209	-1.72055	4.29306	1.72622	0.357418	1
cg14001161	POLA1	0.0171758	0.00314797	0.186609	-5.35881	0.064809	0.422052	-2.36938	0.199238	0.568815	-1.75804	0.101162	0.473948	-2.10994	0.0202684	0.312164	-3.20345	0.0117224	0.269881	-3.70533	0.00288237	0.18182	-5.49995	0.277579	0.625203	-1.59948	0.0610721	0.415615	-2.40607	4.9524	13.5706	2.43574	1
cg26352143	POLA1	0.0234271	0.00568216	2.79298	2.79298	0.356891	0.764693	-1.30771	0.932107	1.02442	1.02442	0.67798	1.12549	1.12549	0.715623	0.901593	-1.10915	0.011067	2.46476	2.46476	0.00374282	3.02915	3.02915	0.591582	1.16573	1.16573	0.881095	1.04329	1.04329	4.45648	5.65792	1.12853	1
cg22303773	POLA2	8.92E-05	0.936668	0.996988	-1.00302	0.000822013	0.825867	-1.21085	0.850219	1.0072	1.0072	0.000154729	0.781904	-1.27893	0.0327094	1.09949	1.09949	0.00518819	0.869322	-1.15032	4.45E-05	0.745645	-1.34112	0.166282	1.05763	1.05763	0.000322634	1.2471	1.2471	22.8243	0.520823	0.0202834	1
cg23043213	POLA2	0.00121676	?	?	?	0.0425007	3.12882	3.12882	0.0320529	3.40882	3.40882	0.151022	0.471699	-2.12	0.647605	1.25198	1.25198	0.0170571	0.241689	-4.13755	6.48E-05	0.0277924	-35.981	0.577854	1.3159	1.3159	0.258058	1.77941	1.77941	11.3891	38.2301	3.35674	1
cg19595916	POLA2	0.00187146	0.619587	1.11508	1.11508	0.0156548	0.524709	-1.90582	0.306536	0.7942	-1.25913	0.604445	1.12047	1.12047	0.000135917	0.237533	-4.20993	0.127987	0.698956	-1.4307	0.000354195	0.286893	-3.48562	0.552402	0.877364	-1.13978	0.0199227	0.54249	-1.84335	9.83006	7.37584	0.666965	1
cg04907173	POLA2	0.00693222	0.0151126	0.343751	-2.90908	0.000902099	0.169215	-5.90963	0.00159914	0.197986	-5.05085	0.348314	0.707957	-1.41251	0.0185754	0.360281	-2.77561	0.318677	0.691681	-1.44575	0.570748	1.22745	1.22745	0.493625	0.779847	-1.2823	0.0168621	0.352449	-2.83729	6.63521	13.4445	1.8011	1
cg11935523	POLA2	0.011358	0.0566936	1.55783	1.55783	0.000771349	2.84698	2.84698	0.645795	1.09978	1.09978	0.0127732	1.88838	1.88838	0.011126	1.92336	1.92336	0.169395	1.351	1.351	0.0250858	1.72914	1.72914	0.0111993	1.92167	1.92167	0.2771	1.2615	1.2615	5.6736	3.79503	0.594571	1
cg25014744	POLA2	0.0121109	0.736838	1.03234	1.03234	0.852088	0.982539	-1.01777	0.232908	1.1253	1.1253	0.745942	0.969786	-1.03116	0.234522	1.1248	1.1248	0.638558	0.956333	-1.04566	0.0420576	0.801661	-1.24741	0.0186923	1.30863	1.30863	0.000577751	1.65293	1.65293	5.55688	0.783849	0.125386	1
cg23599460	POLA2	0.0131471	0.0004589	0.166949	-5.98985	0.919683	1.03327	1.03327	0.194801	0.6408	-1.56055	0.637965	0.857443	-1.16626	0.701554	1.13309	1.13309	0.365318	1.35234	1.35234	0.0100231	0.348245	-2.87154	0.373828	1.34479	1.34479	0.333946	0.723697	-1.38179	5.41022	9.0229	1.48245	1
cg16165748	POLA2	0.0184164	0.0105443	0.26943	-3.71154	0.69624	0.85222	-1.17341	0.922337	0.961034	-1.04055	0.207918	0.582055	-1.71805	0.00783725	0.248861	-4.01831	0.323529	0.659948	-1.51527	0.00302514	0.190816	-5.24066	0.00662084	0.237722	-4.20659	0.401528	0.704715	-1.41901	4.83774	12.7284	2.33872	1
cg03799727	POLA2	0.0302655	0.635578	1.05342	1.05342	0.900019	0.98639	-1.0138	0.823213	0.975899	-1.0247	0.495642	1.07835	1.07835	0.0117844	1.40907	1.40907	0.17117	0.853121	-1.17217	0.00736363	0.686224	-1.45725	0.677553	0.955435	-1.04664	0.0334172	1.31125	1.31125	4.07406	0.766954	0.167336	1
cg02830681	POLA2	0.040522	0.798526	1.02621	1.02621	0.798552	0.97446	-1.02621	0.414706	1.088	1.088	0.986697	0.998315	-1.00169	0.474741	0.929103	-1.07631	0.45649	0.926151	-1.07974	0.000920518	0.606011	-1.65013	0.533181	0.938147	-1.06593	0.156511	1.1657	1.1657	3.66558	0.594118	0.144071	1
cg21257117	POLA2;POLA2	3.06E-05	0.392219	0.944219	-1.05908	0.0043346	0.77907	-1.28358	0.18824	0.912746	-1.09559	0.565299	0.962654	-1.03879	0.0928576	1.12871	1.12871	0.00203161	0.75209	-1.32963	3.43E-07	0.380422	-2.62866	0.00211627	0.753562	-1.32703	0.570903	0.963192	-1.03821	30.3096	2.0583	0.0603637	1
cg04780126	POLA2;POLA2	0.0205326	0.0284676	0.619591	-1.61397	0.249958	1.24931	1.24931	0.351659	1.19418	1.19418	0.00183554	0.440719	-2.26902	0.726871	1.06708	1.06708	0.233311	0.793449	-1.26032	0.16128	1.31914	1.31914	0.143377	0.747416	-1.33794	0.0787695	0.696676	-1.43539	4.66269	2.53131	0.482566	1
cg25258812	POLB	0.000556686	0.157489	0.797522	-1.25388	0.0304349	1.59607	1.59607	0.895952	1.0173	1.0173	?	?	?	?	?	?	7.16E-05	0.0228726	-43.7204	0.00283566	0.334912	-2.98586	0.513871	0.914768	-1.09317	0.00252088	3.12331	3.12331	194.853	33.0713	0.0727388	1
cg01544807	POLB	0.00815882	0.821256	1.02921	1.02921	0.0661861	1.29976	1.29976	0.0253527	1.40238	1.40238	0.587102	0.93262	-1.07225	0.872008	0.979696	-1.02072	0.0391366	0.738077	-1.35487	0.000774097	0.523438	-1.91045	0.689981	1.05233	1.05233	0.0586019	1.31233	1.31233	6.305	1.61625	0.227861	1
cg20264731	POLB	0.00935102	0.538768	1.1641	1.1641	0.473416	1.19486	1.19486	0.0039303	0.38774	-2.57905	0.0367203	0.552928	-1.80855	0.757653	1.0785	1.0785	0.00320485	0.374449	-2.67059	0.00565604	0.412101	-2.42659	0.631337	0.888659	-1.12529	0.214976	1.37533	1.37533	6.03851	5.70111	0.839223	1
cg23279929	POLB	0.0437563	0.101498	0.764411	-1.3082	0.473899	1.11531	1.11531	0.0645767	1.36489	1.36489	0.577956	1.08786	1.08786	0.110489	0.77059	-1.29771	0.0121773	0.626178	-1.59699	0.103552	1.30572	1.30572	0.62427	1.07677	1.07677	0.137515	1.2708	1.2708	3.56264	1.26677	0.316063	1
cg02298523	POLD1	0.000326728	2.42E-05	0.202804	-4.93087	0.017923	0.579503	-1.72562	0.00298653	0.461868	-2.16512	0.172785	1.31674	1.31674	0.0103602	0.542051	-1.84485	0.000560579	0.362544	-2.75829	0.378677	0.842578	-1.18683	0.731891	1.0674	1.0674	0.000498868	0.355963	-2.80928	16.0699	9.15408	0.506347	1
cg00450979	POLD1	0.00109866	0.463832	0.796768	-1.25507	0.03164	2.15486	2.15486	0.744034	0.904988	-1.10499	0.553044	1.20063	1.20063	0.000307142	0.167682	-5.96365	0.68046	1.13449	1.13449	7.99E-05	0.114096	-8.76458	0.910682	1.03478	1.03478	0.139944	0.61637	-1.6224	11.4562	16.8458	1.30707	1
cg13476044	POLD1	0.00120038	0.00235652	0.347815	-2.87509	0.130154	1.50216	1.50216	0.0151865	2.1008	2.1008	0.00407303	2.6109	2.6109	0.00126613	0.310081	-3.22496	0.0173881	0.486341	-2.05617	0.0194568	0.495046	-2.02002	0.101659	1.5621	1.5621	0.77993	0.932654	-1.07221	11.1708	10.9611	0.872203	1
cg19063397	POLD1	0.0478252	0.457228	1.27974	1.27974	0.00901273	2.94984	2.94984	0.0170093	2.58081	2.58081	0.0280765	2.32844	2.32844	0.364047	1.35513	1.35513	0.11729	1.74069	1.74069	0.098297	1.80533	1.80533	0.0170393	2.57987	2.57987	0.0844564	1.86231	1.86231	3.44571	5.79279	1.49436	1
cg12034187	POLD2;POLD2	1.72E-07	?	?	?	1.79E-07	0.28798	-3.47246	2.55E-05	0.991285	-1.00879	9.97E-08	0.10666	-9.37559	?	?	?	?	?	?	9.77E-08	0.101819	-9.82137	?	?	?	?	?	?	1.90E+13	12.9403	1.71E-13	1
cg13916931	POLD2;POLD2	0.00430175	0.634031	0.89574	-1.1164	0.0281953	1.81297	1.81297	0.558313	1.14557	1.14557	0.0787783	0.638799	-1.56544	0.630889	0.894812	-1.11755	0.30485	0.783532	-1.27627	9.54E-05	0.202916	-4.92814	0.345811	0.800196	-1.24969	0.125388	0.68332	-1.46344	7.68189	6.41246	0.742001	1
cg20208648	POLD2;POLD2	0.0110351	0.0337725	5.18063	5.18063	0.667987	1.33152	1.33152	0.210326	0.416473	-2.40112	0.869459	0.896602	-1.11532	0.396908	0.562351	-1.77825	0.0295536	0.182656	-5.47477	0.000647972	0.031074	-32.1812	0.746642	1.23999	1.23999	0.156185	2.73631	2.73631	5.72663	39.9354	6.19878	1
cg00796814	POLD2;POLD2	0.0304087	0.184029	0.792753	-1.26143	0.301757	1.19204	1.19204	0.384341	1.15745	1.15745	0.822195	0.963902	-1.03745	0.00133558	0.444722	-2.24859	0.521949	1.11205	1.11205	0.0323424	0.65732	-1.52133	0.90109	1.02051	1.02051	0.915771	1.01743	1.01743	4.47693	1.8511	0.321592	1
cg20469507	POLD3	0.00104372	0.231086	0.724315	-1.38061	0.545152	0.854516	-1.17025	0.00238196	0.337106	-2.96642	0.0304789	0.520542	-1.92107	0.225441	0.721187	-1.3866	0.0833538	1.6358	1.6358	5.09E-05	0.142418	-7.02157	0.0283112	1.94394	1.94394	0.0403878	0.544499	-1.83655	11.6245	12.1362	0.928015	1
cg08923614	POLD3	0.00113819	0.0151074	1.44224	1.44224	0.0461038	0.755547	-1.32354	0.000744865	1.87359	1.87359	0.0039684	1.6082	1.6082	0.231752	0.857413	-1.1663	0.0927143	0.796996	-1.25471	0.479769	1.09211	1.09211	0.180377	0.839898	-1.19062	0.000447331	1.97234	1.97234	11.3415	2.70219	0.211783	1
cg21048411	POLD3	0.0023373	0.985161	1.00226	1.00226	8.42E-05	0.423641	-2.36049	0.00118922	0.561506	-1.78093	0.197068	1.18012	1.18012	0.0519571	0.764492	-1.30806	0.844196	0.976387	-1.02418	0.946149	1.00824	1.00824	0.856699	1.02219	1.02219	0.389325	0.898402	-1.11309	9.21243	2.15195	0.207637	1
cg26885816	POLD3	0.00599173	0.864271	0.952775	-1.04957	0.00176229	3.52486	3.52486	0.795849	0.929312	-1.07606	0.632894	0.872782	-1.14576	0.00321316	0.320758	-3.11762	0.110442	0.611494	-1.63534	0.048775	0.529233	-1.88953	0.00724402	0.375437	-2.66356	0.858904	0.950931	-1.0516	6.94212	8.79028	1.12553	1
cg20429722	POLD3	0.0104618	0.0901931	0.573711	-1.74304	0.00134446	0.250032	-3.99949	0.0317909	0.472922	-2.11451	0.833678	0.939349	-1.06457	0.0648035	0.539508	-1.85354	0.933812	0.975587	-1.02502	0.0424161	2.0046	2.0046	0.0402041	2.02454	2.02454	0.604131	0.855872	-1.1684	5.82574	8.16909	1.24644	1
cg06467767	POLD3	0.0243244	0.00741368	0.521743	-1.91665	0.224515	0.786123	-1.27207	0.0483402	1.53037	1.53037	0.0637264	0.674941	-1.48161	0.0593119	0.669282	-1.49414	0.0983366	0.710392	-1.40767	0.303311	0.817833	-1.22274	0.133599	1.35686	1.35686	0.247902	1.25588	1.25588	4.39888	2.4784	0.500814	1
cg26717758	POLD3	0.0267072	0.177834	1.19677	1.19677	0.129283	1.22829	1.22829	0.00106827	1.83406	1.83406	0.357655	0.8881	-1.126	0.106668	0.80173	-1.2473	0.455655	1.10001	1.10001	0.516933	0.920875	-1.08592	0.713847	0.954849	-1.04729	0.301414	1.14376	1.14376	4.25791	1.06127	0.221553	1
cg01551511	POLD3	0.0314976	0.0194099	0.408253	-2.44946	0.189905	1.55285	1.55285	0.02096	2.41206	2.41206	0.326471	1.37867	1.37867	0.0347738	0.458409	-2.18146	0.129125	0.594642	-1.68168	0.554149	1.20885	1.20885	0.680267	1.14037	1.14037	0.129915	1.6796	1.6796	4.01654	6.39147	1.41448	1
cg10330248	POLD3;POLD3	0.0415708	0.692545	0.950625	-1.05194	0.118528	1.24099	1.24099	0.192425	1.19218	1.19218	0.901444	1.01591	1.01591	0.283335	1.15261	1.15261	0.269804	0.863802	-1.15767	0.00243191	0.58409	-1.71206	0.821876	1.02915	1.02915	0.159252	1.21127	1.21127	3.63112	0.933603	0.228544	1
cg17607737	POLD4;LOC100130987	0.00056388	0.348974	0.8499	-1.17661	0.0682299	1.41116	1.41116	0.152233	1.29524	1.29524	0.134348	0.761615	-1.313	0.454377	1.13717	1.13717	0.931441	1.01462	1.01462	1.16E-05	0.208405	-4.79835	0.0162437	1.64182	1.64182	0.581588	1.09843	1.09843	13.8209	6.22798	0.40055	1
cg26942196	POLD4;LOC100130987	0.0140227	0.019103	0.674324	-1.48297	0.611255	0.931264	-1.07381	0.19231	1.21133	1.21133	0.270615	1.17275	1.17275	0.254092	0.847513	-1.17992	0.00478851	0.594425	-1.6823	0.0456163	1.37496	1.37496	0.57609	0.924527	-1.08163	0.0201588	1.47598	1.47598	5.29706	1.61917	0.27171	1
cg24464260	POLD4;LOC100130987;POLD4	0.0153667	0.376691	0.861935	-1.16018	0.0137109	0.607031	-1.64736	0.607735	0.918698	-1.0885	0.00311936	0.515787	-1.93879	0.0466532	0.688591	-1.45224	0.0658609	0.713182	-1.40217	0.00270486	0.507292	-1.97125	0.657547	0.929535	-1.07581	0.384549	1.15722	1.15722	5.13944	2.18344	0.377636	1
cg11754314	POLD4;LOC100130987;POLD4	0.0411484	0.499269	0.940989	-1.06271	0.0147509	1.3049	1.3049	0.549924	0.947768	-1.05511	0.0982496	0.851443	-1.17448	0.248789	0.898609	-1.11283	0.0169474	0.772384	-1.29469	0.58935	0.952822	-1.04951	0.0548444	1.21302	1.21302	0.755388	0.972666	-1.0281	3.64487	0.45399	0.110716	1
cg23498221	POLDIP2	0.00949565	0.339619	0.69676	-1.43521	0.365486	0.710812	-1.40684	0.389194	0.723282	-1.38259	0.0144097	0.330489	-3.02582	0.00673069	0.275283	-3.63262	0.329069	0.690878	-1.44743	0.00384531	0.23928	-4.1792	0.756636	0.89215	-1.12089	0.000674433	0.148285	-6.74376	6.00907	12.8263	1.89733	1
cg15792713	POLDIP2	0.0441338	0.605734	0.862701	-1.15915	0.00408424	2.98341	2.98341	0.00587642	2.78017	2.78017	0.910265	0.968527	-1.0325	0.925028	1.02706	1.02706	0.566704	1.17852	1.17852	0.0811379	1.73059	1.73059	0.731944	1.10244	1.10244	0.999612	1.00014	1.00014	3.55124	4.52486	1.13259	1
cg03352657	POLDIP2;POLDIP2;TMEM199	0.00543819	0.156611	0.855689	-1.16865	0.453754	1.08166	1.08166	0.427905	1.08681	1.08681	0.0542366	0.798759	-1.25194	0.579027	0.943986	-1.05934	0.651009	0.954241	-1.04795	0.0238985	0.757892	-1.31945	0.000638791	1.71477	1.71477	0.00852677	1.41236	1.41236	7.15232	1.1984	0.148937	1
cg17820299	POLDIP3;POLDIP3	0.0311047	0.452622	1.2605	1.2605	0.41376	1.28763	1.28763	0.013315	0.395397	-2.52911	0.0731499	1.83062	1.83062	0.98998	0.996208	-1.00381	0.00402173	3.21957	3.21957	0.259856	0.700738	-1.42707	0.785646	0.920827	-1.08598	0.835997	0.939206	-1.06473	4.03458	5.84975	1.2888	1
cg12722015	POLDIP3;POLDIP3	0.038959	0.383584	1.14128	1.14128	0.548864	0.914188	-1.09387	0.141665	1.26331	1.26331	0.311261	0.856454	-1.1676	0.238297	1.20045	1.20045	0.00685109	1.67863	1.67863	0.234701	0.831737	-1.2023	0.125588	0.782561	-1.27786	0.0425191	0.707882	-1.41266	3.71902	1.28863	0.307997	1
cg00663584	POLE	4.74E-05	1.21E-06	0.186269	-5.36857	0.303029	0.866731	-1.15376	0.00479453	0.605418	-1.65175	0.0547804	0.746742	-1.33915	0.00541712	0.612211	-1.63342	0.000146329	0.416456	-2.40121	0.256385	1.17213	1.17213	0.369434	1.13153	1.13153	0.000417018	0.472197	-2.11776	26.9987	7.6851	0.25302	1
cg16725944	POLE	4.76E-05	0.00483706	1.5257	1.5257	5.52E-05	2.33584	2.33584	0.336457	1.11854	1.11854	0.0276408	0.745017	-1.34225	0.000176009	0.487201	-2.05254	0.00162592	0.600241	-1.666	0.0119992	1.42509	1.42509	3.90E-05	2.43617	2.43617	0.775127	1.03291	1.03291	26.9744	5.45878	0.179883	1
cg12536292	POLE	5.58E-05	0.099456	0.791378	-1.26362	0.00445545	0.611676	-1.63485	0.237603	0.851885	-1.17387	0.74877	0.959221	-1.04251	7.53E-07	0.17774	-5.62621	0.00366605	0.601054	-1.66374	0.000160222	0.433619	-2.30617	0.0575965	0.757131	-1.32078	0.00726161	0.638444	-1.56631	25.8536	6.87445	0.236354	1
cg24480810	POLE	8.93E-05	0.382023	0.809852	-1.23479	0.71099	1.0915	1.0915	0.115972	0.669047	-1.49466	8.92E-05	0.192049	-5.20699	3.43E-06	0.0763687	-13.0944	0.000746423	0.300049	-3.33279	0.490738	0.848177	-1.179	0.0433737	1.72728	1.72728	0.0195114	0.514744	-1.94271	22.8209	20.0012	0.779058	1
cg00874320	POLE	0.000105744	0.390373	0.869419	-1.15019	0.120856	0.765334	-1.30662	0.494335	0.895531	-1.11666	2.94E-05	0.272047	-3.67583	5.29E-06	0.193729	-5.16186	0.0591877	1.4031	1.4031	0.105762	1.32435	1.32435	0.147087	0.780848	-1.28066	0.619065	0.923407	-1.08295	21.8121	8.73192	0.355844	1
cg18164508	POLE	0.000162711	0.828004	0.975142	-1.02549	0.000279213	0.432603	-2.31159	0.000275243	0.431659	-2.31664	0.052706	0.765592	-1.30618	?	?	?	0.159475	0.836864	-1.19494	5.91E-05	3.01969	3.01969	0.00757656	1.54902	1.54902	0.0038635	0.60324	-1.65772	35.9699	6.44741	0.134433	1
ch.12.2922115F	POLE	0.000495199	2.88E-05	0.0705101	-14.1824	0.00155598	0.230268	-4.34277	0.0310167	0.441539	-2.26481	?	?	?	0.137695	1.67551	1.67551	0.00976351	0.348172	-2.87214	0.0795438	0.533488	-1.87445	0.021209	0.40884	-2.44594	0.00162834	0.232809	-4.29537	14.6784	21.5408	1.46751	1
cg21594297	POLE	0.000565602	0.0270762	0.457959	-2.1836	0.00257414	0.287298	-3.48071	0.000467287	0.193642	-5.16416	0.0654209	0.539469	-1.85367	0.000578077	0.204116	-4.89917	0.00298565	0.296519	-3.37247	0.000544555	0.201142	-4.97161	0.00873093	2.71046	2.71046	0.390184	0.768914	-1.30054	13.8092	19.4791	1.25385	1
ch.12.2920490F	POLE	0.000952292	0.0128125	0.186544	-5.36068	0.389758	0.61959	-1.61397	0.266558	0.533264	-1.87524	1.44E-05	0.00742213	-134.732	?	?	?	0.487394	0.681658	-1.46701	0.220918	0.497113	-2.01162	0.01231	0.183947	-5.43636	0.767572	0.85131	-1.17466	12.2142	50.7271	4.15314	1
cg04027781	POLE	0.00143883	0.02525	0.586677	-1.70451	0.261505	1.26452	1.26452	0.115948	0.710023	-1.4084	0.521294	1.13917	1.13917	0.324919	0.815668	-1.22599	0.000233207	0.294181	-3.39927	0.00607819	0.487729	-2.05032	0.71897	0.930135	-1.07511	0.000188347	0.282946	-3.53425	10.6058	6.74805	0.565563	1
cg23545458	POLE	0.00191029	0.000181669	0.315866	-3.1659	0.397857	0.854235	-1.17064	0.00160754	0.438953	-2.27815	0.000844679	0.401149	-2.49284	0.515001	0.886782	-1.12767	0.0348503	0.639159	-1.56456	0.00562176	0.516049	-1.9378	0.997842	0.999508	-1.00049	0.0526323	0.669663	-1.49329	9.77155	5.1262	0.466315	1
cg02905599	POLE	0.00215117	0.699565	0.916213	-1.09145	0.753228	1.07376	1.07376	0.0914596	0.657437	-1.52106	0.000523191	0.29519	-3.38764	0.970447	1.00839	1.00839	0.000150864	0.230387	-4.34052	0.00467575	0.428014	-2.33637	0.845483	1.04501	1.04501	0.526976	0.865326	-1.15563	9.43904	7.61265	0.716895	1
cg19374476	POLE	0.00351903	0.121053	0.828671	-1.20675	0.0920003	0.812732	-1.23042	0.0529004	0.781968	-1.27883	0.465968	0.920407	-1.08648	0.000271597	0.513131	-1.94882	0.693102	0.956628	-1.04534	0.00235147	1.60718	1.60718	0.201745	0.86011	-1.16264	0.18342	0.854034	-1.17091	8.16055	1.61515	0.175931	1
cg16849562	POLE	0.00462085	0.640458	1.06826	1.06826	0.0227593	0.682071	-1.46612	0.000170561	0.407783	-2.45228	0.789124	1.03834	1.03834	0.0400713	1.39518	1.39518	0.818686	1.03276	1.03276	0.447819	1.1147	1.1147	0.260775	0.848204	-1.17896	0.0519933	0.733211	-1.36386	7.51699	2.34567	0.277377	1
cg23662671	POLE	0.00529061	0.564095	0.853645	-1.17145	0.171722	1.48414	1.48414	0.640791	1.13601	1.13601	0.0388529	0.522534	-1.91375	0.000393967	0.216092	-4.62767	0.00156782	0.291476	-3.43081	0.818863	1.06423	1.06423	0.984428	1.00531	1.00531	0.119174	0.631958	-1.58238	7.2129	8.41312	1.0368	1
cg00753337	POLE	0.00786695	0.948348	1.01314	1.01314	0.892296	1.02768	1.02768	0.351786	1.21305	1.21305	0.333803	0.817977	-1.22253	0.177867	0.749328	-1.33453	0.906829	1.02388	1.02388	0.000104274	0.250918	-3.98537	0.780388	0.945222	-1.05795	0.1134	0.706651	-1.41513	6.3777	4.10332	0.571898	1
cg25217257	POLE	0.0102864	0.683989	0.903766	-1.10648	0.252465	0.744109	-1.34389	0.635634	0.888682	-1.12526	0.00194455	0.338331	-2.95569	0.00103297	0.300616	-3.3265	0.0104965	0.450988	-2.21736	0.418463	1.22682	1.22682	0.897798	0.968726	-1.03228	0.26384	0.749767	-1.33375	5.85742	5.67161	0.860691	1
cg17341477	POLE	0.0114737	0.0038211	0.179014	-5.58615	0.00468473	0.190484	-5.24978	0.826823	0.907875	-1.10147	0.0111214	0.245609	-4.07151	0.259455	1.68021	1.68021	0.274395	1.65145	1.65145	0.0159508	0.272075	-3.67545	0.8891	0.940312	-1.06348	0.215348	0.562563	-1.77758	5.65504	17.4265	2.73918	1
cg04195263	POLE	0.0131877	0.0186089	0.516752	-1.93516	0.412096	1.21417	1.21417	0.00564838	0.431538	-2.3173	0.193645	1.37476	1.37476	0.00312261	0.39249	-2.54784	0.070115	0.625904	-1.59769	0.0488833	0.594253	-1.68278	0.612485	1.12547	1.12547	0.589739	0.881641	-1.13425	5.40477	4.58369	0.75385	1
cg14543527	POLE	0.0178349	0.0104952	0.654627	-1.52759	0.00655774	1.59129	1.59129	0.851831	0.975702	-1.0249	0.162642	0.82194	-1.21663	0.15644	0.819202	-1.2207	0.912839	1.01451	1.01451	0.02297	1.43023	1.43023	0.860173	1.02347	1.02347	0.142126	0.812523	-1.23073	4.89025	1.3404	0.243641	1
cg06098146	POLE	0.0262131	0.889911	1.01767	1.01767	0.00180792	0.570503	-1.75284	0.39782	1.11574	1.11574	0.135909	1.22542	1.22542	0.121911	0.80889	-1.23626	0.564488	0.928964	-1.07647	0.118369	1.23921	1.23921	0.0796453	0.781863	-1.279	0.486792	1.0935	1.0935	4.28583	1.08619	0.225277	1
cg24283804	POLE	0.0279446	0.266031	0.72967	-1.37048	0.847748	1.05366	1.05366	0.589089	0.862175	-1.15986	0.890585	1.03814	1.03814	0.00865197	0.402446	-2.48481	0.0013036	0.279935	-3.57226	0.0493986	0.543442	-1.84012	0.172832	0.674022	-1.48363	0.366109	0.776855	-1.28724	4.19071	4.90804	1.04104	1
cg12171509	POLE	0.0305486	0.646447	1.08478	1.08478	0.472535	1.1374	1.1374	0.0134394	0.583168	-1.71477	0.247057	0.807947	-1.23771	0.0117368	0.574257	-1.74138	0.0168896	0.598378	-1.67119	0.132733	1.33086	1.33086	0.0962669	0.724847	-1.3796	0.407049	0.861191	-1.16118	4.06059	1.99656	0.437059	1
cg24266624	POLE	0.0345343	0.000829658	0.451162	-2.2165	0.497627	0.896829	-1.11504	0.360277	0.861797	-1.16037	0.258466	1.20498	1.20498	0.699853	0.940578	-1.06318	0.910848	1.01787	1.01787	0.163557	1.26508	1.26508	0.947036	0.989549	-1.01056	0.82244	1.03618	1.03618	3.88591	1.53912	0.352068	1
cg25378792	POLE	0.0374949	0.0192562	0.439862	-2.27344	0.145539	1.57354	1.57354	0.671803	0.883718	-1.13158	0.0148333	0.419179	-2.38562	0.16584	0.651373	-1.53522	0.308197	0.736423	-1.35791	0.133929	0.625703	-1.5982	0.260398	1.40567	1.40567	0.0199926	0.442901	-2.25784	3.77153	5.02609	1.18457	1
cg10788674	POLE	0.0453111	0.845521	1.06106	1.06106	0.27877	1.408	1.408	0.726218	1.11273	1.11273	0.663108	1.14246	1.14246	0.00100151	0.226666	-4.41179	0.255072	0.696951	-1.43482	0.83202	0.9375	-1.06667	0.652976	0.871517	-1.14742	0.498351	1.23226	1.23226	3.51644	5.14152	1.29968	1
cg27022570	POLE2	0.000173665	0.270085	0.809857	-1.23479	0.00439002	2.01086	2.01086	0.00052146	2.70059	2.70059	0.000620424	2.63064	2.63064	0.104558	0.721933	-1.38517	0.118981	1.36446	1.36446	0.0780055	0.697933	-1.4328	1.11E-05	5.56585	5.56585	0.510451	1.13043	1.13043	19.087	10.1953	0.474798	1
cg04379738	POLE2	0.000321081	0.0898498	1.63711	1.63711	0.0111868	2.31208	2.31208	0.318009	1.31273	1.31273	5.15E-05	7.37435	7.37435	0.668047	0.892495	-1.12045	0.677491	0.895599	-1.11657	0.692376	0.900473	-1.11053	3.39E-05	8.30628	8.30628	0.00163323	3.28569	3.28569	16.1469	17.7746	0.978493	1
cg23716101	POLE2	0.00161568	0.208493	0.784334	-1.27497	6.83E-05	3.79746	3.79746	0.379737	1.17949	1.17949	0.750441	0.943216	-1.0602	0.281652	0.814657	-1.22751	0.509695	1.13035	1.13035	0.707193	0.933203	-1.07158	0.00149293	2.31401	2.31401	0.0131768	1.75603	1.75603	10.2575	5.45278	0.472524	1
cg15453599	POLE2	0.00229249	0.456186	0.923765	-1.08253	0.537742	0.936882	-1.06737	0.0300035	1.30569	1.30569	0.0824208	0.817894	-1.22265	0.308185	1.11651	1.11651	0.253131	0.882749	-1.13282	9.17E-05	0.48191	-2.07508	0.826515	1.0232	1.0232	0.0143233	1.37099	1.37099	9.26487	1.60208	0.153707	1
cg04399872	POLE2	0.00269726	0.954099	1.00946	1.00946	5.76E-05	0.294966	-3.39022	0.730512	0.944984	-1.05822	0.0043877	0.536553	-1.86375	0.199606	0.801088	-1.2483	0.00645185	0.560068	-1.7855	0.248301	0.820768	-1.21837	0.432982	0.877259	-1.13991	0.730616	0.945005	-1.05819	8.83205	3.74655	0.377066	1
cg26030450	POLE2	0.026752	0.307313	0.863114	-1.15859	0.25181	1.18147	1.18147	0.151167	1.23895	1.23895	0.972143	0.995148	-1.00488	0.0237926	1.45618	1.45618	0.249532	1.18251	1.18251	0.000956419	1.98473	1.98473	0.11548	1.26916	1.26916	0.889099	1.01963	1.01963	4.25541	1.30772	0.273163	1
cg23418097	POLE2	0.0473142	0.907415	0.972785	-1.02798	0.0465876	1.71684	1.71684	0.322117	1.27453	1.27453	0.658427	1.11128	1.11128	0.835302	0.951825	-1.05061	0.0240307	0.528149	-1.8934	0.23607	0.744928	-1.34241	0.0098012	2.16931	2.16931	0.289802	1.29767	1.29767	3.45971	3.08201	0.791848	1
cg10038907	POLE2	0.0491558	0.0328271	0.249749	-4.00402	0.0188796	0.205926	-4.85611	0.0575005	0.30309	-3.29935	0.276879	0.533428	-1.87467	0.0184049	0.204088	-4.89984	0.136066	0.409615	-2.44132	0.0103984	0.166464	-6.0073	0.14505	0.419113	-2.38599	0.0689181	0.322674	-3.0991	3.41011	16.6763	4.34689	1
cg14648424	POLE3;POLE3	0.00860811	0.126688	0.584057	-1.71216	0.00702702	0.321618	-3.10928	0.0204278	0.402741	-2.48299	0.398766	0.754871	-1.32473	0.0125689	0.364108	-2.74644	0.000844488	0.195201	-5.12293	0.00710312	0.322371	-3.10202	0.514521	0.806418	-1.24005	0.018532	0.394744	-2.53329	6.1992	10.4028	1.49164	1
cg09732563	POLE4	3.71E-07	6.13E-05	0.512479	-1.9513	2.88E-05	2.10063	2.10063	8.89E-07	0.307499	-3.25205	0.214028	1.12552	1.12552	7.40E-07	0.298895	-3.34566	0.00249713	1.46187	1.46187	8.00E-08	0.200324	-4.99192	0.127091	0.86145	-1.16083	0.156993	0.872137	-1.14661	94.3772	12.2112	0.115011	1
cg24157523	POLE4	0.000502708	0.990402	1.00292	1.00292	5.37E-05	0.160931	-6.21383	0.00677585	0.426999	-2.34193	0.00122661	0.317712	-3.14751	0.000184045	0.215979	-4.63008	0.00203211	0.348194	-2.87197	0.0220661	0.513904	-1.94589	0.273281	0.758455	-1.31847	0.00503897	0.406782	-2.45832	14.2691	13.2887	0.827815	1
cg04748828	POLE4	0.000682265	0.0696687	1.6796	1.6796	0.0845135	1.62858	1.62858	0.00810267	0.420394	-2.37872	0.0428043	1.81471	1.81471	0.00046561	0.24492	-4.08297	0.980374	1.00631	1.00631	0.000832776	0.276469	-3.61704	0.000738692	0.269796	-3.70651	0.0352916	0.534409	-1.87123	13.1048	13.5589	0.919687	1
cg02307033	POLE4	0.0032053	0.00482806	1.42678	1.42678	0.0468668	1.24148	1.24148	0.000408503	1.70537	1.70537	0.826625	0.979361	-1.02107	0.762011	1.0293	1.0293	0.00312801	1.46832	1.46832	0.225741	0.886083	-1.12856	0.0836726	0.833599	-1.19962	0.1353	1.16538	1.16538	8.39131	1.20119	0.127242	1
cg01261503	POLG2	0.00045972	0.000555046	0.468247	-2.13562	0.0280665	0.692535	-1.44397	0.000886735	0.493968	-2.02442	0.00258762	1.80632	1.80632	0.143892	0.800634	-1.24901	0.0417905	0.717286	-1.39414	0.000521597	0.464852	-2.15122	0.00420251	0.581043	-1.72104	?	?	?	14.9848	4.23042	0.282313	1
cg20997028	POLG2	0.0032726	0.00352053	0.604221	-1.65502	0.111743	1.24673	1.24673	0.262799	0.861878	-1.16026	0.925827	1.01193	1.01193	0.15918	0.82567	-1.21114	0.000306602	0.474109	-2.10922	0.00141589	0.55537	-1.8006	0.267144	0.863135	-1.15857	0.274799	0.865315	-1.15565	8.33951	2.14093	0.228197	1
cg27394136	POLG2	0.00787111	0.00692549	0.29694	-3.36769	0.00644274	0.291992	-3.42475	0.0658844	0.488217	-2.04827	0.0634673	0.484287	-2.06489	0.000803683	0.172475	-5.79794	0.079141	0.508006	-1.96848	0.0189244	0.372485	-2.68467	0.00717977	0.299431	-3.33966	0.0352162	0.426459	-2.34489	6.37664	12.1917	1.69949	1
cg05145423	POLG2	0.0341132	0.293356	1.07203	1.07203	0.074172	0.880771	-1.13537	0.362493	1.06154	1.06154	0.29871	0.933581	-1.07114	0.655311	0.971739	-1.02908	0.422879	1.05362	1.05362	0.0184944	0.833363	-1.19996	0.608644	1.0335	1.0335	0.00559295	1.26131	1.26131	3.90316	0.251667	0.0573137	1
cg20574153	POLG2	0.0426046	0.395551	0.862477	-1.15945	0.00205865	2.09205	2.09205	0.0555991	1.44604	1.44604	0.688403	1.07095	1.07095	0.70601	0.937595	-1.06656	0.146387	0.767137	-1.30355	0.480463	0.885192	-1.1297	0.940496	0.987386	-1.01277	0.617399	0.91793	-1.08941	3.59819	1.64759	0.407017	1
cg05538151	POLG;POLG	0.01256	0.126939	0.466881	-2.14187	0.0832169	2.43072	2.43072	0.344965	1.56111	1.56111	0.391199	1.49473	1.49473	0.0268608	0.292958	-3.41346	0.000884858	0.0881032	-11.3503	0.822176	0.902458	-1.10809	0.0293525	0.300998	-3.32228	0.538877	0.752661	-1.32862	6.20096	19.976	2.50557	1
cg24365117	POLG;POLG	0.0188632	0.264325	0.529122	-1.88992	0.00119556	13.4331	13.4331	0.203894	2.08263	2.08263	0.922952	1.05435	1.05435	0.0550766	0.304232	-3.28696	0.625111	0.763822	-1.3092	0.289136	0.547717	-1.82576	0.0478071	3.44889	3.44889	0.772796	0.853523	-1.17161	4.79876	22.7493	4.21392	1
cg01877814	POLG;POLG	0.0337902	0.0280774	0.458709	-2.18003	0.0147483	2.46347	2.46347	0.441948	1.26559	1.26559	0.3892	0.76713	-1.30356	0.033456	0.474032	-2.10956	0.583566	0.846781	-1.18094	0.414025	0.778134	-1.28513	0.0474986	1.97591	1.97591	0.449534	0.793345	-1.26049	3.91657	5.59829	1.27057	1
cg17398825	POLG;POLG	0.0443687	0.110958	0.697558	-1.43357	0.564946	1.12825	1.12825	0.479197	1.1609	1.1609	0.676944	0.916767	-1.09079	0.649323	0.909422	-1.0996	0.0108064	0.514768	-1.94262	0.0217011	1.77106	1.77106	0.916478	1.022	1.022	0.0382151	0.607627	-1.64575	3.54421	2.41467	0.6056	1
cg12344004	POLG;POLG;POLG	0.0299948	0.335004	0.942597	-1.0609	0.0291096	0.858211	-1.16522	0.0575597	0.880121	-1.13621	0.857476	0.989368	-1.01075	0.409531	0.951086	-1.05143	0.0160724	1.19145	1.19145	0.0321463	1.16093	1.16093	0.122205	0.9052	-1.10473	0.440237	1.04791	1.04791	4.08708	0.228847	0.0497713	1
cg09101767	POLH	0.00304478	0.00556203	0.444269	-2.25089	0.848444	1.04354	1.04354	0.00389336	0.420694	-2.37703	0.61561	0.893358	-1.11937	0.00104661	0.339408	-2.94631	0.00425533	0.426506	-2.34463	0.000996212	0.336517	-2.97162	0.991256	0.997562	-1.00244	0.0425651	0.594433	-1.68228	8.52057	6.69625	0.698571	1
cg21911007	POLH	0.00775709	0.988323	1.00225	1.00225	0.0038574	0.550533	-1.81642	0.0289452	0.673831	-1.48405	0.704317	0.943225	-1.06019	0.0306821	1.4758	1.4758	0.0955699	1.32403	1.32403	0.00630446	1.72529	1.72529	0.332524	0.857913	-1.16562	0.0869225	1.33619	1.33619	6.40594	2.38438	0.330857	1
ch.6.1080076F	POLH	0.0139478	0.0168194	0.653671	-1.52982	0.00322279	0.556674	-1.79638	0.00518304	0.584033	-1.71223	0.0185867	0.659743	-1.51574	0.00570382	0.58959	-1.69609	0.333066	0.864574	-1.15664	0.354957	0.870502	-1.14876	0.337842	0.865888	-1.15488	0.91406	1.01586	1.01586	5.3064	1.78506	0.299021	1
cg04516052	POLH	0.0250806	0.960734	0.985024	-1.0152	0.139505	1.62803	1.62803	0.29768	0.718285	-1.39221	0.0591136	0.520402	-1.92159	0.00314665	0.290237	-3.44546	0.197099	0.658404	-1.51882	0.00554041	0.327226	-3.056	0.597484	0.849321	-1.17741	0.89085	1.04298	1.04298	4.35236	6.47526	1.32245	1
cg23748185	POLH;XPO5	0.00817571	0.00779302	0.49005	-2.04061	0.00131697	0.376849	-2.65358	0.0206042	0.558665	-1.78998	0.354564	1.22	1.22	0.967363	0.991494	-1.00858	0.942671	0.985096	-1.01513	?	?	?	0.548544	1.13513	1.13513	0.0692025	1.52876	1.52876	6.4298	3.94579	0.613672	1
cg20206224	POLH;XPO5;XPO5	0.025452	0.734738	0.966447	-1.03472	0.403034	1.08967	1.08967	0.113376	1.18874	1.18874	0.053113	0.802093	-1.24674	0.385408	0.914571	-1.09341	0.0071932	0.705983	-1.41647	0.00478424	0.686741	-1.45615	0.40994	0.918912	-1.08824	0.492675	1.07242	1.07242	4.33014	0.690641	0.141775	1
cg17060274	POLI	2.75E-06	0.00942732	0.506313	-1.97506	0.0255734	1.73088	1.73088	0.68742	1.08725	1.08725	4.41E-08	0.0189	-52.9101	0.0209345	0.562896	-1.77653	0.000215652	0.278823	-3.58651	2.29E-05	0.173317	-5.76977	0.00760439	0.49169	-2.0338	0.358075	1.21588	1.21588	56.588	38.3366	0.602195	1
cg06720001	POLI	0.000627549	0.130751	1.40054	1.40054	0.0178986	1.81128	1.81128	0.292134	1.25311	1.25311	0.0667271	0.654192	-1.5286	0.0965976	0.686217	-1.45726	0.00101629	0.365658	-2.73479	4.06E-05	0.198555	-5.03638	0.147171	1.37867	1.37867	0.825269	0.955382	-1.0467	13.4148	9.0535	0.599903	1
cg16875711	POLI	0.00255942	0.00457242	0.306963	-3.25772	0.13386	0.603087	-1.65814	0.0056111	0.320666	-3.11851	0.674658	0.876297	-1.14117	0.00122735	0.227899	-4.38791	0.0029845	0.279661	-3.57575	0.000533364	0.185218	-5.39903	0.663505	1.14675	1.14675	0.0275061	0.442444	-2.26017	8.96978	13.8985	1.37732	1
cg06044794	POLI	0.00639065	0.158714	0.924613	-1.08153	0.374863	0.953718	-1.04853	0.00674171	0.832971	-1.20052	0.519895	1.03452	1.03452	0.000238987	0.728723	-1.37226	0.0692743	0.89966	-1.11153	0.0253058	0.87079	-1.14838	0.546254	1.03228	1.03228	0.0608426	0.895886	-1.11621	6.80508	0.29174	0.0381074	1
cg07415530	POLI	0.0130437	0.373499	0.864828	-1.1563	0.00187126	2.01625	2.01625	0.648805	1.07561	1.07561	0.0126931	0.611165	-1.63622	0.266433	0.831878	-1.2021	0.188668	0.801397	-1.24782	0.0637743	1.39273	1.39273	0.0952978	0.747263	-1.33822	0.623902	1.08173	1.08173	5.4242	2.1709	0.355756	1
cg01083994	POLI	0.0177274	0.528592	1.22816	1.22816	0.00696972	3.0759	3.0759	0.0874469	1.83556	1.83556	0.265131	1.4533	1.4533	0.798043	0.920774	-1.08604	0.0340667	0.451021	-2.21719	0.00848908	0.339091	-2.94906	0.242385	1.48268	1.48268	0.239576	1.48651	1.48651	4.90019	8.04199	1.45881	1
cg25396236	POLI	0.0246092	0.71523	1.15272	1.15272	0.931838	1.03374	1.03374	0.748827	1.1327	1.1327	0.273525	0.642749	-1.55582	0.0246242	0.354115	-2.82394	0.0185465	0.330397	-3.02666	0.00194007	0.182545	-5.4781	0.0416537	0.402144	-2.48667	0.729005	1.14443	1.14443	4.38116	10.4399	2.11813	1
cg21581129	POLI;POLI	0.0125156	0.0276247	0.681615	-1.4671	0.764099	0.956672	-1.04529	0.858694	1.02657	1.02657	0.311475	0.857179	-1.16662	0.0074862	0.602482	-1.6598	0.0618143	0.733778	-1.36281	0.00112081	0.493562	-2.02609	0.310251	1.1671	1.1671	0.269059	1.1846	1.1846	5.4978	1.88601	0.304931	1
cg06807593	POLI;POLI	0.0162402	0.759916	1.05538	1.05538	0.390637	0.856675	-1.1673	0.632078	1.08854	1.08854	0.817065	1.04159	1.04159	0.587195	0.908096	-1.1012	0.052013	0.677894	-1.47516	0.000623009	0.396271	-2.52352	0.0825655	1.40235	1.40235	0.200051	1.26879	1.26879	5.0459	2.47173	0.435422	1
cg05673882	POLK	0.00496317	0.00160035	0.222466	-4.49507	0.00831164	0.326294	-3.06472	0.00281473	0.255077	-3.92039	0.0190342	0.389701	-2.56607	0.0104121	0.342699	-2.91801	0.035656	0.444088	-2.25181	0.00200963	0.235268	-4.25048	0.774782	0.909158	-1.09992	0.0349618	0.442287	-2.26097	7.35517	12.8383	1.55153	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17057127	POLK;COL4A3BP;COL4A3BP;COL4A3BP	0.00338133	8.35E-05	0.14368	-6.95989	0.261441	1.37839	1.37839	0.0956093	1.65144	1.65144	0.527261	1.19187	1.19187	0.122693	0.632342	-1.58142
cg27282761	POLK;COL4A3BP;COL4A3BP;COL4A3BP	0.0133634	0.347533	0.92431	-1.08189	0.0216482	1.25155	1.25155	0.0507648	1.19855	1.19855	0.755103	1.02579	1.02579	0.917727	0.991627	-1.00844
cg06633310	POLL	0.000312765	0.723004	0.921189	-1.08555	0.906185	1.02757	1.02757	0.198562	0.730963	-1.36806	0.52757	1.15909	1.15909	3.86E-06	0.0834978	-11.9764
cg12619656	POLL	0.00270054	0.496172	1.29728	1.29728	0.0197937	0.346482	-2.88615	0.0316918	0.387255	-2.58228	0.159882	0.567986	-1.76061	0.000137025	0.083354	-11.997
cg20395912	POLL	0.00942477	0.425565	0.701904	-1.4247	0.0033274	0.175755	-5.68974	0.00657072	0.215338	-4.64387	0.622	1.24132	1.24132	0.543099	0.765078	-1.30706
cg03173714	POLL	0.0460318	0.0878375	1.89992	1.89992	0.116242	0.559046	-1.78876	0.406094	1.33583	1.33583	0.128239	1.75095	1.75095	0.195586	1.59409	1.59409
cg01424147	POLL;RP11-529I10.4	0.0181589	0.00600671	0.5276	-1.89538	0.0135096	1.72376	1.72376	0.071389	1.43136	1.43136	0.434215	0.867524	-1.15271	0.200001	0.785747	-1.27267
cg18834029	POLL;RP11-529I10.4	0.0263976	0.781449	0.874104	-1.14403	0.347964	1.59604	1.59604	0.188374	0.509496	-1.96272	0.390641	1.53047	1.53047	0.0828969	0.394931	-2.53209
cg24381933	POLL;RP11-529I10.4	0.0364475	0.203591	0.729103	-1.37155	0.216178	1.35856	1.35856	0.234394	1.34108	1.34108	0.0153327	0.496233	-2.01518	0.0218723	0.523266	-1.91107
cg22340210	POLM	0.000272698	0.829731	1.02022	1.02022	0.0250305	1.2813	1.2813	0.119633	1.17	1.17	0.272533	0.899262	-1.11202	0.025198	1.2808	1.2808
cg09791812	POLM	0.0254688	0.750402	0.96833	-1.03271	0.026401	0.766838	-1.30406	0.120451	1.18512	1.18512	0.101504	0.834605	-1.19817	0.241223	0.883637	-1.13169
cg18022728	POLM	0.0416382	0.345919	1.30963	1.30963	0.0876412	1.68865	1.68865	0.129604	1.57625	1.57625	0.369082	0.773867	-1.29221	0.0745221	0.575723	-1.73695
cg02176683	POLM;POLM	0.00472254	0.0358035	1.38969	1.38969	0.508614	0.913619	-1.09455	0.230238	1.18481	1.18481	0.109336	0.790399	-1.26518	0.00558262	0.612406	-1.6329
cg05147763	POLN	0.00568944	0.00247887	0.40057	-2.49644	0.0122013	0.507006	-1.97236	0.00450978	0.438983	-2.27799	0.335992	0.805917	-1.24082	0.000855496	0.336421	-2.97247
cg25354655	POLN	0.0161034	0.615677	0.946096	-1.05698	0.235599	1.14577	1.14577	0.172717	0.853109	-1.17218	0.0809801	1.23594	1.23594	0.524912	0.931894	-1.07308
cg23652725	POLN	0.016134	0.87747	1.02994	1.02994	0.0289823	0.611275	-1.63592	0.186181	0.764929	-1.30731	0.00309782	2.16804	2.16804	0.286384	0.809227	-1.23575
cg06103218	POLN	0.0367499	0.348741	0.710378	-1.4077	0.00848476	0.303902	-3.29053	0.0302385	0.405286	-2.4674	0.128576	1.79009	1.79009	0.489971	0.779904	-1.28221
cg16660591	POLQ	5.96E-06	0.260113	0.85529	-1.16919	2.61E-07	0.130727	-7.6495	1.80E-05	0.311862	-3.20654	0.0130196	1.50683	1.50683	0.00086923	0.514348	-1.94421
cg04559408	POLQ	6.45E-05	4.66E-05	0.256473	-3.89904	4.38E-05	0.253471	-3.94523	8.64E-05	0.287111	-3.48298	0.0478829	0.669936	-1.49268	0.807043	0.95759	-1.04429
cg12200866	POLQ	0.00101891	0.5126	0.825311	-1.21166	0.00113008	0.25026	-3.99584	0.00106335	0.246879	-4.05057	0.177214	0.660576	-1.51383	0.00351558	0.31843	-3.14041
cg12585158	POLQ	0.00223788	0.687063	1.05536	1.05536	0.0024242	0.570156	-1.75391	0.00101966	0.523011	-1.91201	0.150938	1.22729	1.22729	0.38462	0.888151	-1.12593
cg05990556	POLQ	0.0110309	0.709238	0.896278	-1.11573	0.0170475	2.34045	2.34045	0.233087	0.693826	-1.44128	0.0013996	0.258452	-3.86918	0.00891198	0.378006	-2.64546
cg02083999	POLQ	0.0177292	0.338701	0.850479	-1.17581	0.0412026	1.47224	1.47224	0.00538685	1.82521	1.82521	0.246599	0.819569	-1.22015	0.991533	1.00174	1.00174
cg14535274	POLQ	0.0346446	0.0655473	0.427224	-2.34069	0.0713651	0.43664	-2.29022	0.110403	0.488771	-2.04595	0.618528	0.813379	-1.22944	0.038505	0.372899	-2.68169
cg23348372	POLR1A	0.00016237	0.321326	0.8734	-1.14495	0.625337	1.06717	1.06717	0.00118703	1.87386	1.87386	0.64418	0.940407	-1.06337	7.37E-06	0.271227	-3.68695
cg08284638	POLR1A	0.000522103	0.847713	1.04103	1.04103	1.37E-05	6.69236	6.69236	0.00161727	2.57326	2.57326	0.324911	0.808484	-1.23688	0.830669	1.0458	1.0458
ch.2.1904847R	POLR1A	0.0076884	0.00274078	0.440579	-2.26974	0.167953	0.747259	-1.33822	0.000182069	0.285076	-3.50784	0.0829634	0.683447	-1.46317	0.281836	0.801124	-1.24825
cg08121523	POLR1A	0.017957	0.194652	1.52661	1.52661	0.0930013	0.565607	-1.76801	0.612041	0.854101	-1.17082	0.594239	1.18033	1.18033	0.00684667	0.339607	-2.94458
cg14192573	POLR1A	0.0359052	0.936794	1.01882	1.01882	0.0489228	0.589389	-1.69667	0.269828	0.763261	-1.31017	0.033682	1.79179	1.79179	0.183395	1.39357	1.39357
cg00699941	POLR1A;PTCD3	0.0109414	0.132004	0.75944	-1.31676	0.00555054	1.85285	1.85285	0.000819658	2.34796	2.34796	0.750247	1.05554	1.05554	0.0498498	1.46029	1.46029
cg12937159	POLR1B;POLR1B	0.00487092	0.00106628	0.210224	-4.75682	0.118269	0.578741	-1.72789	0.186419	0.636554	-1.57096	0.255278	0.681815	-1.46667	0.00238365	0.255243	-3.91783
cg24304518	POLR1B;POLR1B	0.0139072	0.00294759	0.221371	-4.51731	0.00953774	0.297405	-3.36242	?	?	?	0.542845	1.25547	1.25547	0.430612	1.346	1.346
cg02614999	POLR1B;POLR1B	0.0272705	0.0476127	0.165744	-6.03341	0.0074361	0.0648963	-15.4092	0.233958	0.371602	-2.69105	0.513278	0.59097	-1.69213	0.0545413	0.177216	-5.64282
cg24007915	POLR1B;POLR1B;POLR1B;POLR1B	0.000253378	0.246264	1.37609	1.37609	4.44E-05	7.6657	7.6657	0.000108643	6.02282	6.02282	0.629922	1.13636	1.13636	0.006592	0.395029	-2.53146
cg17009717	POLR1B;POLR1B;POLR1B;POLR1B	0.00311484	0.410986	0.879001	-1.13766	0.00486674	1.773	1.773	0.000169899	2.66684	2.66684	0.267059	0.837463	-1.19408	0.868185	1.02581	1.02581
cg02168034	POLR1C;POLR1C	0.00812896	0.600346	0.896236	-1.11578	0.0355492	0.602234	-1.66048	0.706904	1.08143	1.08143	0.0607857	0.645299	-1.54967	0.000210728	0.276904	-3.61135
cg17102807	POLR1C;POLR1C;YIPF3	2.83E-06	0.00256921	0.4857	-2.05889	0.000244778	0.350985	-2.84912	0.000407632	0.379011	-2.63844	1.06E-06	0.110478	-9.05159	0.344777	0.845272	-1.18305
cg12575583	POLR1C;YIPF3;POLR1C;POLR1C;POLR1C	0.0478989	0.268293	1.23097	1.23097	0.0030555	2.07749	2.07749	0.0251127	1.61627	1.61627	0.269612	0.812869	-1.23021	0.347667	1.19037	1.19037
cg11364274	POLR1D	0.0171365	0.250317	1.4183	1.4183	0.00295086	0.30502	-3.27848	0.0131441	0.408806	-2.44615	0.0805995	0.569088	-1.7572	0.0542962	0.529778	-1.88758
cg09572029	POLR1D;LNX2;LNX2;POLR1D	0.00814917	0.406727	0.921737	-1.08491	0.152412	1.15857	1.15857	0.0137518	1.33973	1.33973	0.50689	0.93739	-1.06679	0.695731	1.03846	1.03846
cg26416491	POLR1D;LNX2;POLR1D	7.87E-06	0.226572	0.965522	-1.03571	2.44E-05	0.792807	-1.26134	0.000770847	0.868747	-1.15108	1.69E-06	0.717845	-1.39306	9.29E-05	0.824709	-1.21255
cg04730588	POLR1D;LNX2;POLR1D	0.000845355	0.00639569	0.649365	-1.53996	0.0937597	0.799099	-1.25141	0.038621	0.747137	-1.33844	0.514571	1.08375	1.08375	0.75736	1.03843	1.03843
cg05681148	POLR1D;LNX2;POLR1D	0.00965041	0.530779	0.930201	-1.07504	0.770454	0.96721	-1.0339	0.0821723	1.24538	1.24538	0.09074	1.23659	1.23659	0.642901	0.948185	-1.05465
cg22308382	POLR1D;LNX2;POLR1D	0.0215799	0.051684	1.9748	1.9748	0.785254	1.08755	1.08755	0.584731	1.1848	1.1848	0.951664	0.981545	-1.0188	0.678727	1.13654	1.13654
cg19256121	POLR1D;LNX2;POLR1D	0.0221386	0.656083	1.10811	1.10811	0.525329	1.15882	1.15882	0.968117	0.990888	-1.0092	0.000417883	0.277629	-3.60193	0.230364	0.749618	-1.33401
cg01279709	POLR1D;LNX2;POLR1D;POLR1D;POLR1D	0.0182101	0.369866	0.896213	-1.11581	0.161359	0.836963	-1.1948	0.0293358	1.35719	1.35719	0.993664	1.00095	1.00095	0.0166112	1.41631	1.41631
cg11304734	POLR1E	0.00934273	0.0440413	0.540359	-1.85062	0.0148699	0.450712	-2.21871	0.724671	0.910216	-1.09864	0.742219	0.915942	-1.09177	0.10629	0.625505	-1.59871
cg22092745	POLR1E	0.0275866	0.0514186	0.851535	-1.17435	0.631293	1.03566	1.03566	0.916177	0.992399	-1.00766	0.0451042	1.18129	1.18129	0.0504556	0.850811	-1.17535
cg07615572	POLR2A	0.00046977	0.00264876	0.419111	-2.386	0.0580304	1.56521	1.56521	0.216756	0.762022	-1.3123	0.00908935	0.500012	-1.99995	1.04E-05	0.139096	-7.18927
cg24911924	POLR2A	0.00114206	0.000696188	0.503355	-1.98667	0.393396	1.123	1.123	0.419314	0.896286	-1.11571	0.000226771	0.443361	-2.2555	0.760753	1.04136	1.04136
cg19804860	POLR2A	0.00139344	0.866123	1.01829	1.01829	0.418249	1.0929	1.0929	0.298983	0.890821	-1.12256	0.0266117	0.754114	-1.32606	0.294568	0.889806	-1.12384
cg01821993	POLR2A	0.00170495	0.521922	0.92633	-1.07953	0.00247185	1.64241	1.64241	0.0619831	1.28117	1.28117	0.725104	1.0425	1.0425	0.00113278	0.568538	-1.7589
cg13486955	POLR2A	0.00869473	0.000132783	0.298925	-3.34532	0.601522	1.10078	1.10078	0.336123	0.83465	-1.19811	0.169765	0.766044	-1.30541	0.989385	0.997579	-1.00243
cg17016524	POLR2A	0.0089163	0.362583	0.854554	-1.1702	0.160426	0.77735	-1.28642	0.482901	1.12724	1.12724	0.124647	1.32211	1.32211	0.000223577	0.356388	-2.80593
cg13179508	POLR2A	0.013332	0.188235	0.740675	-1.35012	0.798054	1.05676	1.05676	0.0370139	0.593661	-1.68446	0.553124	0.878819	-1.13789	0.000325578	0.286265	-3.49326
cg09816403	POLR2A	0.0141379	0.992959	1.00093	1.00093	0.000662133	0.575878	-1.73648	0.269692	1.12937	1.12937	0.671775	0.955892	-1.04614	0.728222	1.03761	1.03761
cg21011913	POLR2A	0.0174741	0.989037	0.994989	-1.00504	0.0203951	2.77854	2.77854	0.0895687	1.98246	1.98246	0.109086	1.89434	1.89434	0.0548215	0.450996	-2.21731
cg05381353	POLR2A	0.0251938	0.255725	1.61657	1.61657	0.025228	0.340518	-2.9367	0.246197	0.612051	-1.63385	0.625108	1.22061	1.22061	0.0797884	0.455198	-2.19685
cg17852841	POLR2A	0.0279834	0.544528	0.846829	-1.18088	0.0425732	0.531032	-1.88313	0.0571213	0.55797	-1.79221	0.582806	1.16227	1.16227	0.0024504	0.319025	-3.13455
cg03146065	POLR2A	0.0348844	0.811423	0.950146	-1.05247	0.502837	0.8646	-1.1566	0.00354243	2.32968	2.32968	0.876729	1.03377	1.03377	0.0384583	0.598649	-1.67043
cg10369539	POLR2A	0.0388199	0.1435	0.72368	-1.38183	0.24491	1.28435	1.28435	0.0548805	1.56509	1.56509	0.498526	0.868177	-1.15184	0.849943	1.03974	1.03974
cg04567588	POLR2A;ZBTB4	0.0178279	0.000543661	0.0984746	-10.1549	0.302268	1.5378	1.5378	0.716803	1.1572	1.1572	0.0503136	0.401612	-2.48996	0.226457	0.598993	-1.66947
cg25894806	POLR2A;ZBTB4	0.0204397	0.750705	1.03124	1.03124	0.0711978	0.823268	-1.21467	0.0337603	0.787229	-1.27028	0.377255	0.916283	-1.09137	0.0648219	1.22154	1.22154
cg22277996	POLR2B	0.000414444	0.00201029	0.648168	-1.54281	0.0107085	0.726804	-1.37589	0.000418127	0.573158	-1.74472	0.730933	0.966241	-1.03494	0.592722	1.05518	1.05518
cg16322346	POLR2B	0.00284732	0.60688	0.916692	-1.09088	0.227629	0.808755	-1.23647	0.0912424	1.3658	1.3658	0.733894	0.944417	-1.05885	0.154833	0.774771	-1.2907
cg18912470	POLR2B	0.00525961	0.802139	1.09489	1.09489	0.00243189	0.217887	-4.58954	0.12876	0.552797	-1.80898	0.21237	0.622334	-1.60686	0.381418	0.723142	-1.38285
ch.4.1185987F	POLR2B	0.00617668	0.000655128	0.173717	-5.7565	0.712829	1.1319	1.1319	0.0082437	0.322235	-3.10333	0.00863057	0.325518	-3.07202	0.528617	1.23857	1.23857
cg22184145	POLR2B	0.0196155	0.351958	0.801349	-1.2479	0.0356903	1.75974	1.75974	0.0126934	2.04646	2.04646	0.00618667	0.438041	-2.28289	0.757516	0.930904	-1.07423
cg24527945	POLR2B;C4orf14	0.0173279	0.0114345	1.80312	1.80312	0.0397286	1.55724	1.55724	0.215226	1.27505	1.27505	0.463355	0.870197	-1.14916	0.298654	0.818193	-1.22221
cg10120605	POLR2B;C4orf14	0.0324537	0.297921	0.874347	-1.14371	0.00615625	1.56005	1.56005	0.848726	1.02405	1.02405	0.266744	1.15488	1.15488	0.0564615	1.30833	1.30833
cg20415529	POLR2B;POLR2B;C4orf14	0.00135724	0.0122458	1.84638	1.84638	0.506034	1.14179	1.14179	0.204662	1.30084	1.30084	0.0998991	1.42519	1.42519	0.361076	1.20262	1.20262
cg13171979	POLR2C	1.37E-05	0.0205731	0.744947	-1.34238	0.00280881	1.54425	1.54425	0.177248	0.859529	-1.16343	0.173742	0.858335	-1.16505	2.10E-07	5.25432	5.25432
cg08578520	POLR2C	0.00454419	0.0585504	0.626769	-1.59548	0.00146191	2.73075	2.73075	0.602696	0.891538	-1.12166	0.375259	0.819598	-1.22011	0.346316	1.23617	1.23617
cg27017172	POLR2C	0.00642892	0.000374633	0.368339	-2.71489	0.140659	1.32083	1.32083	0.0168861	1.6682	1.6682	0.528999	0.894063	-1.11849	0.0398429	0.6589	-1.51768
cg04347161	POLR2C	0.0245702	0.0321364	0.414445	-2.41287	0.216271	1.57878	1.57878	0.138762	0.571634	-1.74937	0.100139	1.88176	1.88176	0.00250122	0.229028	-4.36627
cg10243004	POLR2D	0.000107729	0.000325579	0.129049	-7.74898	0.00133312	5.17667	5.17667	0.018154	2.74849	2.74849	0.0827204	1.96846	1.96846	7.08E-05	0.077769	-12.8586
cg04665637	POLR2D	0.00243419	0.697697	1.05635	1.05635	5.87E-05	2.84322	2.84322	0.00280833	1.78275	1.78275	0.760934	1.04379	1.04379	0.142213	1.24803	1.24803
cg11921473	POLR2D	0.0264878	0.0827	0.887928	-1.12622	0.153297	1.0992	1.0992	0.631458	1.03034	1.03034	0.0165436	0.834362	-1.19852	0.0799799	0.886779	-1.12768
cg18226957	POLR2D	0.0488667	0.939294	0.980048	-1.02036	0.241749	1.38295	1.38295	0.0993702	0.62005	-1.61277	0.070033	0.585103	-1.7091	0.16661	0.676905	-1.47731
cg26528128	POLR2E	0.00518875	0.00839408	0.482432	-2.07283	0.164238	0.725208	-1.37891	0.943405	0.984748	-1.01549	0.316318	0.799096	-1.25141	0.0073318	2.11345	2.11345
cg16681873	POLR2E	0.0089402	0.483356	0.84311	-1.18609	0.0785953	0.626237	-1.59684	0.752461	0.926999	-1.07875	0.00128801	0.325015	-3.07679	0.00116897	0.319288	-3.13197
cg16705287	POLR2E	0.0104058	0.0218901	0.50817	-1.96784	0.0363471	0.549432	-1.82006	0.0449444	0.567567	-1.76191	0.0180879	0.493308	-2.02713	0.000317227	0.238009	-4.20153
cg24340285	POLR2E	0.0116716	0.370729	1.14123	1.14123	0.597593	1.07957	1.07957	0.0270773	1.45663	1.45663	0.260135	0.844656	-1.18391	0.669957	1.06356	1.06356
cg17567317	POLR2F;POLR2F;C22orf23	0.000169192	0.0909115	0.68261	-1.46497	0.167423	0.73955	-1.35217	0.0393061	0.613305	-1.63051	0.500728	1.15042	1.15042	0.214286	0.764857	-1.30743
cg20982583	POLR2F;POLR2F;C22orf23	0.017107	0.0060063	0.624468	-1.60136	0.0877731	1.28035	1.28035	0.0662573	1.3102	1.3102	0.171374	0.826143	-1.21044	0.107409	0.794177	-1.25916
cg25296646	POLR2F;POLR2F;C22orf23	0.0212941	0.880157	0.971468	-1.02937	0.0695661	0.677436	-1.47615	0.618914	0.908276	-1.10099	0.854637	1.03581	1.03581	0.886818	0.973045	-1.0277
cg17228821	POLR2G	4.51E-06	0.294632	0.890884	-1.12248	5.54E-07	4.36876	4.36876	2.20E-05	2.4736	2.4736	0.771293	1.03147	1.03147	0.512337	0.931799	-1.07319
cg23517677	POLR2G	0.000297611	0.00369708	0.460681	-2.1707	0.154358	0.739917	-1.3515	0.155153	0.740406	-1.35061	0.720326	0.931436	-1.07361	8.75E-05	0.249171	-4.0133
cg22176017	POLR2G	0.0167452	0.770187	1.03991	1.03991	0.755194	1.04267	1.04267	0.735016	1.04643	1.04643	0.00275479	1.73645	1.73645	0.029242	1.40942	1.40942
cg15187276	POLR2G	0.0399071	0.0344407	0.272873	-3.66472	0.623568	1.29752	1.29752	0.437152	1.5179	1.5179	0.490613	0.691662	-1.44579	0.0469027	0.301893	-3.31243
cg25798479	POLR2H	3.49E-05	0.926992	0.985161	-1.01506	0.0124142	0.601927	-1.66133	0.546022	1.10481	1.10481	0.938547	1.01266	1.01266	1.69E-06	0.141272	-7.07855
cg07052476	POLR2H	0.0156523	0.100041	0.798101	-1.25297	0.0338442	1.3635	1.3635	0.637236	0.942289	-1.06125	0.824183	0.972538	-1.02824	0.00438146	0.621141	-1.60994
cg00971396	POLR2H	0.0280865	0.00602787	0.517709	-1.93159	0.320209	0.828223	-1.2074	0.717716	1.06889	1.06889	0.024802	0.612461	-1.63276	0.0931078	0.712501	-1.40351
cg01031146	POLR2H;POLR2H	0.0412054	0.584128	0.944431	-1.05884	0.18271	1.15749	1.15749	0.0210511	0.750494	-1.33246	0.537581	1.06669	1.06669	0.0683264	0.809695	-1.23503
cg22746529	POLR2I;POLR2I;TBCB;TBCB	0.0076258	0.345817	1.2715	1.2715	0.932164	1.02129	1.02129	0.591087	0.874434	-1.1436	0.16076	0.690294	-1.44866	0.223361	0.728686	-1.37233
cg13597949	POLR2I;TBCB	0.00118237	0.21814	0.896631	-1.11529	0.00322209	1.40292	1.40292	0.00296389	1.40992	1.40992	0.122156	0.868391	-1.15155	0.485152	1.06157	1.06157
cg07634150	POLR2I;TBCB;TBCB	0.023455	0.00665181	1.62452	1.62452	0.448677	1.11224	1.11224	0.332588	0.871348	-1.14765	0.101502	1.28021	1.28021	0.308502	0.864831	-1.1563
cg05921465	POLR2J	0.00015219	0.00553597	0.524702	-1.90584	0.0136022	0.582682	-1.7162	0.0209332	1.63489	1.63489	0.000121547	0.305045	-3.27821	0.000143894	0.313864	-3.18609
cg02705681	POLR2J	0.00557428	0.0126109	0.587648	-1.7017	0.501942	0.889759	-1.1239	0.534827	0.897865	-1.11375	0.404729	0.864049	-1.15734	0.000760855	0.417072	-2.39767
cg27482438	POLR2J2	0.0326618	0.0235615	0.600059	-1.6665	0.0458117	1.54095	1.54095	0.291492	1.22965	1.22965	0.0358422	0.630523	-1.58599	0.503711	0.879711	-1.13674
cg25171389	POLR2J4	0.000684659	0.376175	0.798385	-1.25253	0.000902471	0.291895	-3.42589	0.0101544	0.447613	-2.23407	0.0894303	0.628583	-1.59088	0.000146135	0.19784	-5.05458
cg22459051	POLR2J4	0.00259581	0.013766	0.788638	-1.26801	0.0468831	0.837451	-1.1941	0.190751	0.897603	-1.11408	0.0463465	0.836985	-1.19476	0.197757	1.11199	1.11199
cg12791476	POLR2J4	0.00573312	0.138038	0.856891	-1.16701	0.527587	1.06385	1.06385	0.309384	1.10709	1.10709	0.0339416	1.27054	1.27054	0.376249	1.09179	1.09179
cg27511528	POLR2J4	0.0281989	0.0787918	1.48911	1.48911	0.0919151	0.684901	-1.46007	0.00619072	0.482778	-2.07135	0.0508422	0.635208	-1.57429	0.198028	1.31985	1.31985
cg19034510	POLR2J4	0.0376211	0.107138	0.556973	-1.79542	0.142522	0.591828	-1.68968	0.671458	0.86765	-1.15254	0.00682179	0.311535	-3.20991	0.0755474	0.517736	-1.93149
cg05983883	POLR2K	0.00356715	0.00930593	0.13727	-7.28494	0.00188091	31.7075	31.7075	?	?	?	0.108576	2.1172	2.1172	?	?	?
cg09851883	POLR2K	0.0459237	0.369217	1.38897	1.38897	0.00104358	0.177459	-5.63512	0.968769	1.01405	1.01405	0.698455	1.14878	1.14878	0.371294	1.38689	1.38689
cg13919215	POLR2K;POLR2K	0.00174599	0.541147	1.18163	1.18163	0.0328344	1.96111	1.96111	0.0529907	1.80986	1.80986	0.0520416	0.550857	-1.81535	0.0985113	0.613365	-1.63035
cg08289782	POLR3A	0.000278584	0.00224518	0.336872	-2.96849	0.000658731	3.77032	3.77032	0.103437	0.635732	-1.57299	0.00817974	2.36487	2.36487	0.0279367	0.516541	-1.93595
cg13431682	POLR3A	0.0017817	0.00751694	0.486574	-2.05519	0.000183234	0.265991	-3.75953	0.495423	1.15598	1.15598	0.018586	0.550141	-1.81772	0.0891961	0.675378	-1.48065
cg08340277	POLR3A	0.00311527	0.70935	0.911859	-1.09666	0.0386237	0.554147	-1.80457	0.00175968	0.333434	-2.99909	0.00568222	0.409013	-2.44491	0.0977385	0.639081	-1.56475
cg15322766	POLR3A	0.0051373	0.136305	2.27372	2.27372	0.730552	1.19354	1.19354	0.402209	0.644849	-1.55075	0.913566	1.05714	1.05714	0.567596	1.34402	1.34402
cg16509336	POLR3A	0.0265647	0.0526749	0.537982	-1.8588	0.00512692	0.353231	-2.83101	0.024584	0.470701	-2.12449	0.120625	0.622647	-1.60605	0.0260136	0.475421	-2.1034
cg04821959	POLR3B;POLR3B	0.000273515	0.00131935	0.362493	-2.75868	0.000927649	0.341695	-2.92659	0.000180094	0.252382	-3.96224	0.104324	0.680053	-1.47047	1.15E-05	0.132546	-7.54456
cg02032070	POLR3B;POLR3B	0.000278033	0.990327	0.997668	-1.00234	0.0280988	1.64776	1.64776	0.000427048	2.92659	2.92659	0.40967	0.850139	-1.17628	0.386704	0.842947	-1.18631
cg00141929	POLR3B;POLR3B	0.00137547	0.00754027	0.256188	-3.90339	0.00202751	0.178354	-5.60684	0.0111371	0.283532	-3.52694	0.063625	0.437791	-2.2842	0.00866194	0.265665	-3.76414
cg22576629	POLR3B;POLR3B	0.00182554	0.00975028	0.667532	-1.49806	0.0281729	0.725784	-1.37782	0.00301647	0.604856	-1.65329	0.298387	0.875219	-1.14257	0.673333	1.05383	1.05383
cg07385832	POLR3B;POLR3B	0.00291124	0.255287	0.843822	-1.18508	0.548553	0.916863	-1.09068	0.833083	0.970276	-1.03063	0.00166397	0.525627	-1.90249	0.00046148	0.454729	-2.19911
cg23222406	POLR3B;POLR3B	0.00337126	0.00860465	0.312881	-3.1961	0.00371188	0.256814	-3.89386	0.00885506	0.314937	-3.17524	0.0775948	0.506507	-1.97431	0.00319089	0.247534	-4.03984
cg20168533	POLR3B;POLR3B	0.0124525	0.102472	0.823355	-1.21454	0.460747	0.921564	-1.08511	0.00961537	0.700098	-1.42837	0.115157	0.830008	-1.20481	0.0858642	0.81345	-1.22933
cg18319754	POLR3B;POLR3B	0.0132913	0.0653628	0.27458	-3.64193	0.00498134	0.0980157	-10.2025	0.0432278	0.233863	-4.276	0.030699	0.204723	-4.88464	0.00318092	0.0806871	-12.3936
cg10585293	POLR3B;POLR3B	0.0190203	0.00871497	0.182889	-5.46779	0.0185557	0.234322	-4.26762	0.776924	0.865556	-1.15533	0.211496	0.512188	-1.95241	0.00204515	0.109809	-9.10671
cg24412848	POLR3B;POLR3B	0.0267362	0.0252451	0.563084	-1.77594	0.09257	1.49113	1.49113	0.0196919	1.83692	1.83692	0.663446	1.09912	1.09912	0.142376	1.40551	1.40551
cg03650665	POLR3B;POLR3B	0.0318752	0.0852016	0.737224	-1.35644	0.630373	1.08077	1.08077	0.945778	1.01096	1.01096	0.802281	0.960604	-1.04101	0.343328	1.16928	1.16928
cg06934003	POLR3B;POLR3B	0.0386534	0.59491	0.913115	-1.09515	0.292047	1.2034	1.2034	0.347596	0.848919	-1.17797	0.0643467	0.703288	-1.42189	0.00979419	0.575166	-1.73863
cg20977600	POLR3B;POLR3B;POLR3B	0.00618699	0.000789116	2.16782	2.16782	0.723719	1.05563	1.05563	0.00471836	1.77288	1.77288	0.149084	0.789795	-1.26615	0.573427	0.91689	-1.09064
cg17326144	POLR3C	0.00234084	0.167373	0.774033	-1.29194	0.00444007	0.516517	-1.93604	0.105629	0.735173	-1.36022	0.190181	1.27311	1.27311	0.000470509	0.384277	-2.60229
cg03436297	POLR3C	0.0262236	0.00109673	2.80595	2.80595	0.676945	1.09394	1.09394	0.067559	0.644761	-1.55096	0.0518028	1.60681	1.60681	0.833044	0.955772	-1.04628
cg14278893	POLR3C;POLR3C;RNF115	0.00729763	0.620224	1.06155	1.06155	0.897774	1.01549	1.01549	0.694346	0.953873	-1.04836	0.936198	1.00962	1.00962	0.897626	1.01551	1.01551
cg16895948	POLR3C;POLR3C;RNF115	0.0228526	0.715845	1.10996	1.10996	0.71602	1.10989	1.10989	0.146069	1.56098	1.56098	0.495871	1.21814	1.21814	0.104035	0.602173	-1.66065
cg11694119	POLR3C;RNF115	6.12E-05	0.289772	0.699485	-1.42962	5.55E-06	0.0218825	-45.6987	0.182677	0.63028	-1.5866	0.0321095	0.434931	-2.29921	0.000503024	0.150137	-6.66058
cg02245418	POLR3C;RNF115	0.00055914	0.000417607	0.171639	-5.82618	0.00448465	0.303203	-3.29812	0.0908284	0.556157	-1.79805	0.00472137	3.26164	3.26164	0.081194	0.543977	-1.83831
cg19990379	POLR3C;RNF115	0.00513146	0.0750127	1.1705	1.1705	0.362883	0.928438	-1.07708	0.0896389	0.861936	-1.16018	0.0475933	1.19709	1.19709	0.00712221	0.758815	-1.31785
cg26362576	POLR3C;RNF115	0.0264198	0.389939	0.813195	-1.22972	0.989657	1.00305	1.00305	0.0613159	0.609654	-1.64027	0.910125	1.02686	1.02686	0.622941	1.12336	1.12336
cg11987154	POLR3C;RNF115	0.0408874	0.016198	0.676932	-1.47725	0.00623633	1.6047	1.6047	0.402575	1.12035	1.12035	0.320453	0.872677	-1.1459	0.726158	1.04775	1.04775
cg24129618	POLR3D	7.11E-06	0.7696	0.992056	-1.00801	0.000484753	0.861962	-1.16014	0.539023	0.983253	-1.01703	0.00509843	0.90438	-1.10573	0.165664	0.960648	-1.04096
cg07059360	POLR3D	0.00252663	0.00101102	0.350241	-2.85518	0.207844	0.751529	-1.33062	0.606791	1.11813	1.11813	0.972397	1.00747	1.00747	0.00102587	0.351096	-2.84822
cg11859641	POLR3D;MIR320A	0.00189281	0.064647	0.599412	-1.6683	0.96149	0.988164	-1.01198	0.579389	0.871038	-1.14806	0.00122321	0.311428	-3.21102	5.58E-05	0.157574	-6.34622

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17057127	0.177342	0.675109	-1.48124	0.5246	0.83804	-1.19326	0.142259	1.54078	1.54078	0.124786	0.634218	-1.57674	8.25854	9.82171	1.05714	1
cg27282761	0.701304	0.969126	-1.03186	0.00266977	0.71323	-1.40207	0.0800507	0.853819	-1.17121	0.0333641	1.22426	1.22426	5.38141	0.564365	0.0932205	1
cg06633310	0.0466319	1.69135	1.69135	0.120543	1.47461	1.47461	0.919385	1.02363	1.02363	0.179643	0.71983	-1.38922	16.2635	13.7043	0.749014	1
cg12619656	0.00889096	0.285357	-3.50438	0.00121705	0.168075	-5.94971	0.414407	0.730329	-1.36925	0.280549	0.655407	-1.52577	8.82888	19.8394	1.99742	1
cg20395912	0.0082523	0.230014	-4.34755	0.00214721	0.153341	-6.52142	0.194835	0.55071	-1.81584	0.0283341	0.324319	-3.08338	6.02343	18.0528	2.66409	1
cg03173714	0.541199	1.23456	1.23456	0.00834111	3.15345	3.15345	0.0180273	2.66125	2.66125	0.0692943	1.99833	1.99833	3.49568	6.42546	1.63388	1
cg01424147	0.822827	0.960846	-1.04075	0.207235	0.789089	-1.26728	0.218298	1.25939	1.25939	0.0533173	1.4784	1.4784	4.86074	2.44191	0.446555	1
cg18834029	0.741536	1.17367	1.17367	0.401891	0.660286	-1.51449	0.0209594	0.260818	-3.8341	0.00132504	0.10443	-9.57582	4.27533	15.8499	3.29537	1
cg24381933	0.835978	0.952362	-1.05002	0.415791	1.21631	1.21631	0.917089	0.975782	-1.02482	0.0267911	1.85461	1.85461	3.81069	3.34543	0.780362	1
cg22340210	0.47769	1.06942	1.06942	6.74E-06	0.394786	-2.53302	0.43767	0.929036	-1.07638	0.0145471	1.32291	1.32291	16.8849	2.31158	0.121691	1
cg09791812	0.00156758	0.632488	-1.58106	0.216336	0.877047	-1.14019	0.0654056	0.81176	-1.23189	0.992415	1.00096	1.00096	4.32914	0.697194	0.143153	1
cg18022728	0.778139	1.08166	1.08166	0.0147845	0.434507	-2.30146	0.0723625	0.572794	-1.74583	0.130572	1.57416	1.57416	3.62894	4.43853	1.08719	1
cg02176683	0.000337127	0.459035	-2.17848	0.324847	0.871991	-1.1468	0.434047	1.11354	1.11354	0.436761	1.11281	1.11281	7.4674	2.14669	0.255533	1
cg05147763	0.4695	0.852103	-1.17357	0.0130867	0.512013	-1.95307	0.0168148	0.530192	-1.88611	0.0453768	0.607003	-1.64744	7.05375	5.2847	0.665959	1
cg25354655	0.243642	1.14289	1.14289	0.000372066	1.86528	1.86528	0.726759	1.03915	1.03915	0.748475	1.03585	1.03585	5.06014	0.960544	0.168734	1
cg23652725	0.0209103	1.70129	1.70129	0.870133	0.9692	-1.03178	0.721592	1.0708	1.0708	0.0628709	0.670235	-1.49201	5.05694	2.92783	0.514642	1
cg06103218	0.16203	0.589051	-1.69765	0.0743303	0.494178	-2.02356	0.0602903	0.471858	-2.11928	0.181097	1.65421	1.65421	3.79924	7.56096	1.769	1
cg16660591	0.458528	0.904435	-1.10566	0.526536	0.918152	-1.08914	0.226234	0.844431	-1.18423	1.01E-05	0.283579	-3.52636	46.3744	13.0062	0.249298	1
cg04559408	0.336322	0.838984	-1.19192	9.44E-06	0.184101	-5.4318	0.462071	0.87583	-1.14177	0.058314	0.684616	-1.46067	24.8842	12.3602	0.441518	1
cg12200866	0.00256101	0.298399	-3.35122	0.000617789	0.217907	-4.58912	0.0194597	2.26289	2.26289	0.063388	0.54686	-1.82862	11.7042	15.494	1.17672	1
cg12585158	0.688659	1.05506	1.05506	0.00181699	0.554404	-1.80374	0.00111992	0.528093	-1.89361	0.279045	0.860919	-1.16155	9.33054	2.61644	0.249259	1
cg05990556	0.728698	0.90321	-1.10716	0.461261	1.24518	1.24518	0.492038	1.22631	1.22631	0.348172	1.32628	1.32628	5.72734	7.75288	1.20325	1
cg02083999	0.666917	1.0737	1.0737	0.0124157	0.599887	-1.66698	0.224391	0.810918	-1.23317	0.0564472	0.701397	-1.42573	4.90003	2.09297	0.379675	1
cg14535274	0.228577	0.594539	-1.68198	0.0338928	0.360914	-2.77074	0.0189765	3.21826	3.21826	0.0782822	0.447141	-2.23643	3.88143	10.4083	2.38362	1
cg23348372	0.00541806	0.61661	-1.62177	0.025834	1.41851	1.41851	0.381299	1.12596	1.12596	0.0116425	0.659298	-1.51676	19.437	5.37274	0.245706	1
cg08284638	0.0317439	1.69299	1.69299	0.00317265	2.32305	2.32305	0.0088781	2.0066	2.0066	0.0741838	1.51604	1.51604	14.12	9.78071	0.615722	1
ch.2.1904847R	0.465487	0.86307	-1.15865	0.224332	0.776419	-1.28796	0.710299	0.928695	-1.07678	0.241722	0.784316	-1.275	6.42384	3.99907	0.553364	1
cg08121523	0.213447	1.49777	1.49777	0.0548179	1.95732	1.95732	0.740921	0.902747	-1.10773	0.00524682	0.321327	-3.11209	4.87905	7.34735	1.33857	1
cg14192573	0.00419611	0.405896	-2.46369	0.505903	0.853256	-1.17198	0.727365	1.08577	1.08577	0.597921	0.882382	-1.1333	3.8315	3.35437	0.778196	1
cg00699941	0.559848	1.10495	1.10495	0.271013	0.82368	-1.21406	0.178631	1.27363	1.27363	0.616862	1.08913	1.08913	5.74239	2.60567	0.403342	1
cg12937159	0.852029	0.941562	-1.06207	0.00144107	0.22643	-4.41638	0.0793575	0.533644	-1.87391	0.00337505	0.276477	-3.61694	7.39738	12.183	1.46394	1
cg24304518	0.404465	0.729733	-1.37037	0.398722	0.726783	-1.37593	0.0326629	0.397201	-2.51761	0.00877607	0.291464	-3.43095	5.41341	10.3973	1.92065	1
cg02614999	0.0797586	0.213824	-4.67675	0.00220974	0.0332688	-30.0582	0.127993	0.271044	-3.68943	0.0348752	0.142159	-7.0344	4.22685	42.136	8.86102	1
cg24007915	0.0207792	0.48057	-2.08086	0.917849	0.973202	-1.02754	0.0399851	0.535257	-1.86826	0.79283	0.933046	-1.07176	17.2268	18.9127	0.975879	1
cg17009717	0.438235	0.885772	-1.12896	0.0419874	0.69802	-1.43262	0.245752	0.83008	-1.2047	0.261543	1.19675	1.19675	8.46313	3.15431	0.331299	1
cg02168034	0.367413	1.21152	1.21152	0.60114	1.11551	1.11551	0.273503	1.26638	1.26638	0.875393	1.03306	1.03306	6.31229	4.29353	0.60461	1
cg17102807	2.56E-06	0.140528	-7.11604	4.22E-06	0.159194	-6.28165	0.008287	1.79158	1.79158	3.50E-06	0.152058	-6.57645	56.2111	26.5651	0.420084	1
cg12575583	0.58998	1.10301	1.10301	0.416057	0.860875	-1.16161	0.718693	0.936889	-1.06736	0.195403	1.27991	1.27991	3.44371	1.77149	0.457255	1
cg11364274	0.0453454	0.512816	-1.95002	0.0430119	0.507945	-1.96872	0.585312	1.17384	1.17384	0.0364984	0.493086	-2.02805	4.95621	6.64265	1.19135	1
cg09572029	0.0416771	0.798145	-1.25291	0.000787679	0.614323	-1.62781	0.18126	1.146	1.146	0.19905	1.13917	1.13917	6.30735	0.920994	0.129795	1
cg26416491	1.39E-05	0.778315	-1.28483	0.000417519	0.856719	-1.16724	0.999858	0.999995	-1	3.39E-06	0.738924	-1.35332	43.162	0.522036	0.0107509	1
cg04730588	0.0684848	0.780212	-1.2817	2.40E-05	0.35891	-2.78622	0.0698815	1.27974	1.27974	0.126457	1.22285	1.22285	12.3389	2.89395	0.208479	1
cg05681148	0.66	0.950805	-1.05174	0.000237563	0.499705	-2.00118	0.545118	1.07228	1.07228	0.302997	0.885519	-1.12928	5.97818	1.22946	0.182806	1
cg22308382	0.104668	0.579863	-1.72455	0.000726635	0.206166	-4.85046	0.905583	0.964196	-1.03713	0.550564	1.20391	1.20391	4.58413	6.85515	1.32925	1
cg19256121	0.891723	1.03168	1.03168	0.659811	1.10677	1.10677	0.62266	1.1203	1.1203	0.116594	0.676719	-1.47772	4.54414	3.77494	0.738425	1
cg01279709	0.250653	1.15353	1.15353	0.00462659	0.638698	-1.56569	0.150802	0.832587	-1.20108	0.408105	1.10592	1.10592	4.85613	1.08894	0.199325	1
cg11304734	0.312844	0.757517	-1.3201	0.000541989	0.239175	-4.18103	0.00248261	0.326715	-3.06077	0.101864	0.621046	-1.61019	6.04021	6.76958	0.996224	1
cg22092745	0.125853	0.886894	-1.12753	0.00489614	0.7632	-1.31027	0.206607	0.90798	-1.10135	0.287494	1.08332	1.08332	4.20976	0.350156	0.0739351	1
cg07615572	0.0160369	0.539913	-1.85215	0.726587	0.929222	-1.07617	0.27512	0.788657	-1.26798	0.0302391	0.586977	-1.70364	14.5397	10.069	0.61557	1
cg24911924	0.849564	1.02552	1.02552	0.00130403	1.86122	1.86122	0.236999	0.848406	-1.17868	0.675738	0.94571	-1.05741	11.3306	3.15962	0.247873	1
cg19804860	0.000289752	0.529999	-1.8868	0.00024705	1.91566	1.91566	0.567621	1.06401	1.06401	0.847941	1.02083	1.02083	10.7039	1.95536	0.162379	1
cg01821993	0.00241149	0.607583	-1.64587	0.0305191	1.34947	1.34947	0.405729	0.904576	-1.10549	0.025369	0.731002	-1.36799	10.0993	2.22333	0.195687	1
cg13486955	0.442921	0.86713	-1.15323	0.339814	1.19636	1.19636	0.0787426	0.700611	-1.42733	0.857237	1.03336	1.03336	6.17959	3.25037	0.467541	1
cg17016524	0.43657	1.1426	1.1426	0.842753	0.96719	-1.03392	0.279608	1.2078	1.2078	0.287019	1.20405	1.20405	6.13052	2.73921	0.397169	1
cg13179508	0.0751646	0.652711	-1.53207	0.0191896	0.543311	-1.84057	0.923868	0.97963	-1.02079	0.28342	0.786666	-1.27119	5.38556	3.95401	0.652612	1
cg09816403	0.0806829	1.22757	1.22757	0.0251768	1.32552	1.32552	0.730133	0.964012	-1.03733	0.502153	1.07475	1.07475	5.28283	0.937334	0.157716	1
cg21011913	0.802023	1.09621	1.09621	0.00613465	0.270501	-3.69684	0.121112	1.84883	1.84883	0.126798	0.546712	-1.82912	4.92392	10.4251	1.88199	1
cg05381353	0.80199	1.10707	1.10707	0.00373245	0.204868	-4.8812	0.165978	0.549902	-1.81851	0.0111186	0.275663	-3.62762	4.34554	11.2785	2.30704	1
cg17852841	0.840177	0.946736	-1.05626	0.0733587	1.71813	1.71813	0.390302	0.787714	-1.2695	0.0760919	0.585642	-1.70753	4.18866	4.87465	1.03447	1
cg03146065	0.320818	0.802947	-1.24541	0.2557	0.775795	-1.289	0.555665	1.13601	1.13601	0.0530724	1.60044	1.60044	3.87176	2.80703	0.644445	1
cg10369539	0.00819136	0.498547	-2.00583	0.0211515	1.76882	1.76882	0.981745	0.995304	-1.00472	0.879638	0.969305	-1.03167	3.7239	2.49646	0.595901	1
cg04567588	0.882014	0.942245	-1.0613	0.195016	0.574774	-1.73981	0.631625	1.21373	1.21373	0.389938	1.42501	1.42501	5.467	13.5979	1.93454	1
cg25894806	0.564513	1.05782	1.05782	0.00197007	0.655715	-1.52505	0.157203	0.864176	-1.15717	0.285322	1.11303	1.11303	4.66989	0.688729	0.131096	1
cg22277996	1.37E-05	0.404919	-2.46963	0.839546	1.02037	1.02037	0.0575243	0.807598	-1.23824	0.0932929	0.832223	-1.2016	15.0522	2.35937	0.13933	1
cg16322346	4.48E-05	0.2739	-3.65096	0.7864	0.955497	-1.04658	0.60719	0.916762	-1.0908	0.0200317	0.624793	-1.60053	8.69174	3.86661	0.395431	1
cg18912470	0.760905	1.1165	1.1165	0.000539262	0.143237	-6.98144	0.0463496	2.27964	2.27964	0.0220564	0.371069	-2.69492	7.2259	14.9203	1.83541	1
ch.4.1185987F	0.113971	1.77944	1.77944	0.942924	1.02429	1.02429	0.704291	0.880032	-1.13632	0.153705	1.66847	1.66847	6.87721	12.2345	1.58133	1
cg22184145	0.907357	0.973444	-1.02728	0.316166	1.27074	1.27074	0.145271	0.696568	-1.43561	0.0948045	1.52878	1.52878	4.73566	4.009	0.752493	1
cg24527945	0.211502	0.782565	-1.27785	0.735486	1.0652	1.0652	0.00299873	2.13432	2.13432	0.0315786	1.59925	1.59925	4.9378	2.71324	0.48843	1
cg10120605	0.094696	0.795674	-1.2568	0.157294	1.20708	1.20708	0.0445091	1.3326	1.3326	0.0479642	1.32492	1.32492	3.97379	0.97465	0.218018	1
cg20415529	0.000103058	0.259163	-3.85857	0.00466019	0.477389	-2.09473	0.348052	0.827079	-1.20907	0.0388511	0.624999	-1.6	10.7851	6.5961	0.543639	1
cg13171979	0.0157151	0.731626	-1.36682	0.270278	1.12881	1.12881	0.0553499	0.795126	-1.25766	0.661276	1.04764	1.04764	37.4087	6.60098	0.15685	1
cg08578520	0.407541	0.830931	-1.20347	0.00735561	0.469913	-2.12805	0.00300934	2.43334	2.43334	0.44109	0.842201	-1.18736	7.55528	5.71866	0.672808	1
cg27017172	0.248079	0.80896	-1.23616	0.0734689	0.704409	-1.41963	0.502853	0.887465	-1.1268	0.997671	0.999488	-1.00051	6.7925	3.31629	0.43398	1
cg04347161	0.730897	0.885891	-1.12881	0.107558	0.539912	-1.85215	0.939748	0.973819	-1.02688	0.0906463	0.519849	-1.92363	4.38357	8.55044	1.73384	1
cg10243004	0.144398	1.73776	1.73776	0.000167024	0.104435	-9.57537	0.0724001	2.02709	2.02709	0.514474	0.792164	-1.26236	21.7037	42.6987	1.74875	1
cg04665637	0.47961	1.10619	1.10619	0.752648	1.0454	1.0454	0.291133	0.857412	-1.1663	0.0218706	1.47156	1.47156	9.10319	2.84337	0.277643	1
cg11921473	0.00814128	1.23308	1.23308	0.91201	1.00686	1.00686	0.20193	1.08691	1.08691	0.439151	1.05002	1.05002	4.27023	0.258744	0.05386	1
cg18226957	0.00502567	0.374574	-2.6697	0.154203	0.667916	-1.49719	0.908052	1.03104	1.03104	0.0286925	0.505183	-1.97948	3.41774	3.78979	0.98565	1
cg26528128	0.00116259	0.356102	-2.80818	0.0106831	0.499216	-2.00314	0.567425	1.1333	1.1333	0.645644	1.10543	1.10543	7.25596	5.38567	0.65977	1
cg16681873	0.849788	1.04647	1.04647	0.143748	1.45692	1.45692	0.303854	0.774818	-1.29063	0.0596404	0.60096	-1.664	6.12531	5.56805	0.80802	1
cg16705287	0.250297	0.744025	-1.34404	0.605426	0.879619	-1.13686	0.355662	0.791482	-1.26345	0.0358629	0.548304	-1.8238	5.83578	5.59895	0.852815	1
cg24340285	0.0207114	1.49232	1.49232	0.000922369	0.490961	-2.03682	0.549747	0.91669	-1.09088	0.399544	1.13197	1.13197	5.62385	1.84005	0.290833	1
cg17567317	0.187911	1.33122	1.33122	1.67E-06	0.085032	-11.7603	0.0151947	0.542598	-1.84298	0.813296	0.95265	-1.0497	19.2221	12.7974	0.591789	1
cg20982583	0.985833	0.997674	-1.00233	0.0574587	0.754424	-1.32551	0.988933	0.998183	-1.00182	0.0221886	1.43274	1.43274	4.95906	1.3509	0.242142	1
cg25296646	0.142843	0.739212	-1.35279	0.00039028	0.337999	-2.95859	0.386509	1.18568	1.18568	0.850746	0.964503	-1.0368	4.6051	2.68494	0.518254	1
cg17228821	0.306505	1.11911	1.11911	0.0100228	0.707833	-1.41276	1.43E-06	3.68077	3.68077	0.368588	0.906498	-1.10315	49.8435	8.92007	0.159077	1
cg23517677	0.000247327	0.302508	-3.3057	2.69E-05	0.194385	-5.14443	0.287473	0.803968	-1.24383	0.62765	0.90795	-1.10138	16.4862	10.1916	0.549502	1
cg22176017	0.00314232	1.7149	1.7149	0.19152	0.831326	-1.2029	0.859462	1.02396	1.02396	0.365098	0.883091	-1.13239	4.99463	1.41186	0.251268	1
cg15187276	0.011044	0.186702	-5.35613	0.0141046	0.202883	-4.92896	0.673448	1.25003	1.25003	0.080503	0.360351	-2.77507	3.68629	16.1843	3.90257	1
cg25798479	0.0104658	0.591155	-1.6916	9.82E-06	0.212138	-4.71391	0.641629	0.926388	-1.07946	0.000571215	0.418869	-2.38738	29.273	12.3373	0.374628	1
cg07052476	0.00596668	0.63772	-1.56809	0.918855	0.987328	-1.01283	0.630927	1.06245	1.06245	0.106383	1.2469	1.2469	5.10815	1.26701	0.220477	1
cg00971396	0.474166	1.14289	1.14289	0.0039632	0.491171	-2.03595	0.472349	0.874475	-1.14354	0.981807	1.00419	1.00419	4.18323	2.23074	0.474006	1
cg01031146	0.0182509	1.34496	1.34496	0.24291	0.881268	-1.13473	0.977933	0.997143	-1.00286	0.0661533	0.808011	-1.23761	3.643	0.617246	0.150608	1
cg22746529	0.260288	1.33708	1.33708	0.000150784	0.199984	-5.00041	0.652671	0.893973	-1.1186	0.0340061	0.542147	-1.84452	6.44034	6.243	0.861652	1
cg13597949	0.0939772	1.16778	1.16778	0.0012847	0.673478	-1.48483	0.00639397	0.741663	-1.34832	0.0116005	1.30447	1.30447	11.2191	1.2606	0.0998776	1
cg07634150	0.837925	0.972175	-1.02862	0.0173228	0.670762	-1.49084	0.418283	0.892297	-1.1207	0.0275173	0.698264	-1.43212	4.45464	1.33927	0.267242	1
cg05921465	0.00635742	0.533439	-1.87463	3.46E-05	0.242511	-4.12352	0.869298	1.02956	1.02956	0.8065	1.04437	1.04437	19.7795	9.80499	0.440636	1
cg02705681	0.0730012	0.709815	-1.40882	0.00079836	0.419826	-2.38194	0.418815	0.867971	-1.15211	0.00586257	0.538927	-1.85554	7.09825	3.30277	0.413594	1
cg27482438	0.804168	0.95416	-1.04804	0.321153	0.823992	-1.2136	0.511597	1.13398	1.13398	0.0171429	1.73098	1.73098	3.96469	2.23995	0.502201	1
cg25171389	0.000936178	0.293987	-3.40151	0.00041311	0.24916	-4.01348	0.450151	0.826316	-1.21019	0.000935676	0.293957	-3.40186	13.092	12.7453	0.865356	1
cg22459051	0.000105651	0.58632	-1.70555	0.0162996	0.795311	-1.25737	0.132709	1.13484	1.13484	0.895218	1.01033	1.01033	8.93253	0.860129	0.0855927	1
cg12791476	0.0343841	1.26955	1.26955	0.00716049	0.714749	-1.39909	0.00121399	0.632509	-1.58101	0.183971	1.14604	1.14604	7.03717	1.04243	0.131672	1
cg27511528	0.0413649	0.618824	-1.61597	0.192296	0.754642	-1.32513	0.627309	1.10495	1.10495	0.683972	1.08706	1.08706	4.17735	2.75289	0.585781	1
cg19034510	0.0145895	0.367539	-2.7208	0.0740681	0.515613	-1.93944	0.755473	1.10955	1.10955	0.164101	1.63893	1.63893	3.76691	6.60594	1.55882	1
cg05983883	?	?	?	?	?	?	?	?	?	?	?	?	59.7548	32.78	0.548575	1
cg09851883	0.727987	1.13247	1.13247	0.736627	1.12779	1.12779	0.739752	1.12611	1.12611	0.356585	1.40188	1.40188	3.49877	7.03367	1.78696	1
cg13919215	0.333524	0.764065	-1.30879	6.18E-05	0.136334	-7.33494	0.691699	0.898049	-1.11352	0.119047	1.57841	1.57841	10.03	11.5618	1.02464	1
cg08289782	0.122591	0.653424	-1.5304	5.89E-05	0.150844	-6.62936	0.728926	1.09252	1.09252	0.0497246	1.7671	1.7671	16.7867	17.1983	0.910687	1
cg13431682	0.00986971	0.5052	-1.97941	0.000638961	0.333588	-2.99771	0.00728221	0.484429	-2.06429	0.0343294	0.596332	-1.67692	9.97129	6.92474	0.617305	1
cg08340277	0.432838	0.82098	-1.21806	0.000114379	0.188559	-5.30338	0.760077	0.927295	-1.07841	0.0841659	0.624454	-1.6014	8.46279	8.14009	0.854995	1
cg15322766	0.000110329	0.030734	-32.5373	0.213142	0.511223	-1.95609	?	?	?	0.534437	1.37986	1.37986	7.43376	27.4078	3.68693	1
cg16509336	0.172116	0.664279	-1.50539	0.266349	0.721845	-1.38534	0.760265	1.08995	1.08995	0.00575054	0.361062	-2.76961	4.2659	5.35153	1.1151	1
cg04821959	0.451816	0.846653	-1.18112	0.12783	0.699416	-1.42976	0.799181	0.946144	-1.05692	0.0277088	0.568281	-1.75969	16.8711	12.6005	0.663882	1
cg02032070	0.32953	1.2138	1.2138	1.29E-05	0.171402	-5.83425	0.126407	1.37489	1.37489	0.361246	0.834675	-1.19807	16.7958	9.86227	0.521944	1
cg00141929	0.00432047	0.220669	-4.53168	0.000540958	0.118745	-8.4214	0.000176532	0.0805643	-12.4124	0.0121209	0.289757	-3.45117	10.7439	26.6982	2.20886	1
cg22576629	0.178372	1.1934	1.1934	0.000562495	1.93704	1.93704	0.134195	1.22105	1.22105	0.0272344	1.38144	1.38144	9.90123	2.39751	0.215238	1
cg07385832	0.0939209	0.768473	-1.30128	0.000357513	0.440837	-2.26841	0.0657433	0.744348	-1.34346	0.522552	0.911503	-1.09709	8.63475	2.79574	0.287802	1
cg23222406	0.00419467	0.26449	-3.78087	0.00167069	0.210384	-4.75321	0.00135671	0.199276	-5.01815	0.0825115	0.513302	-1.94817	8.2659	15.7422	1.69287	1
cg20168533	0.00200205	0.622246	-1.60708	0.00498966	0.66751	-1.49811	0.184052	0.85789	-1.16565	0.131686	1.19363	1.19363	5.50686	1.03189	0.166563	1
cg18319754	0.0248972	0.188627	-5.30145	0.0073453	0.115427	-8.66347	0.479564	0.638208	-1.56689	0.0173991	0.163769	-6.10618	5.39096	33.3345	5.49637	1
cg10585293	0.621194	0.776323	-1.28812	0.824002	1.11988	1.11988	0.903491	1.0636	1.0636	0.0143538	0.215623	-4.63772	4.78534	19.5806	3.63716	1
cg24412848	0.0220225	0.552748	-1.80914	0.099096	0.676871	-1.47739	0.51997	1.15117	1.15117	0.855046	1.04026	1.04026	4.25629	3.14075	0.655917	1
cg03650665	0.958169	1.00844	1.00844	0.00100392	2.18643	2.18643	0.696082	0.939051	-1.06491	0.0937009	1.34353	1.34353	3.99947	1.62557	0.361285	1
cg06934003	0.207278	0.798332	-1.25261	0.0808632	1.38798	1.38798	0.624568	0.919859	-1.08712	0.0132034	0.594347	-1.68252	3.72978	1.69439	0.40381	1
cg20977600	0.018168	1.54876	1.54876	0.932676	1.01297	1.01297	0.0316628	1.46847	1.46847	0.0180884	1.54942	1.54942	6.87367	2.53245	0.327491	1
cg17326144	0.731762	1.06171	1.06171	0.00061881	0.399725	-2.50172	0.747073	1.05793	1.05793	0.010996	0.57394	-1.74234	9.20833	4.41725	0.426402	1
cg03436297	0.829531	1.04729	1.04729	0.546227	0.877335	-1.13981	0.205653	1.33125	1.33125	0.47856	1.16694	1.16694	4.28523	3.11673	0.646506	1
cg14278893	0.337884	0.888576	-1.1254	8.70E-05	0.430986	-2.32026	0.597432	1.0658	1.0658	0.441454	1.0984	1.0984	6.52967	1.47863	0.201287	1
cg16895948	0.155282	1.54339	1.54339	0.00108285	0.252395	-3.96204	0.781734	1.08249	1.08249	0.164068	1.52765	1.52765	4.49481	5.79741	1.14649	1
cg11694119	9.60E-06	0.0295487	-33.8424	0.104957	1.78786	1.78786	0.637831	1.16594	1.16594	0.616258	1.17778	1.17778	33.5627	54.4354	1.26148	1
cg02245418	0.172292	1.58016	1.58016	0.000343488	0.162832	-6.14131	0.629303	0.857971	-1.16554	0.00112735	0.221001	-4.52488	13.8534	21.7622	1.39635	1
cg19990379	0.00141425	0.692914	-1.44318	0.311963	1.0866	1.0866	0.0158281	0.790809	-1.26453	0.222305	1.1072	1.1072	7.28064	0.72696	0.0887541	1
cg26362576	0.819296	1.05518	1.05518	0.00061911	0.290364	-3.44395	0.350735	1.25287	1.25287	0.609295	1.12861	1.12861	4.27407	3.72935	0.775601	1
cg11987154	0.0810132	0.773636	-1.2926	0.373459	0.885851	-1.12886	0.83371	0.972495	-1.02828	0.552946	0.923458	-1.08289	3.65345	1.01836	0.247768	1
cg24129618	0.107985	1.04877	1.04877	7.63E-08	0.61511	-1.62573	0.196843	1.03775	1.03775	0.0026013	0.892902	-1.11994	44.3099	0.517441	0.0103802	1
cg07059360	0.689228	1.09031	1.09031	0.000307728	0.283613	-3.52593	0.703574	0.921063	-1.0857	0.214174	0.754804	-1.32485	9.00391	6.59723	0.651296	1
cg11859641	0.0510999	0.578194	-1.72952	0.255581	1.34002	1.34002	0.732531	0.918881	-1.08828	0.841711	0.951887	-1.05055	9.79771	9.43673	0.85614	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12569071	POLR3D;MIR320A	0.00616921	0.445309	1.12575	1.12575	0.0623623	1.37623	1.37623	0.0354719	1.45167	1.45167	0.800466	0.96218	-1.03931	0.84889	0.97138	-1.02946
cg08264885	POLR3D;MIR320A	0.010141	0.00358451	0.114403	-8.74103	0.00501288	0.129942	-7.69577	0.030376	0.246894	-4.05032	0.0629203	0.316653	-3.15803	0.00966087	0.165323	-6.04878
cg06112727	POLR3D;MIR320A	0.0337108	0.117791	2.10235	2.10235	0.00886912	0.232908	-4.29354	0.154505	1.94781	1.94781	0.0332231	0.336582	-2.97105	0.977905	1.01219	1.01219
cg06866996	POLR3E	0.000795937	0.262638	0.834801	-1.19789	0.471671	1.11984	1.11984	0.326795	0.855123	-1.16942	0.742755	1.05224	1.05224	0.0122614	0.61735	-1.61983
cg06684910	POLR3E	0.00127111	0.263542	0.917771	-1.0896	0.121331	1.13163	1.13163	0.0180446	1.2355	1.2355	0.000555748	1.48348	1.48348	0.164241	1.11546	1.11546
cg04303976	POLR3E	0.0040654	0.00244277	0.728737	-1.37224	0.0743428	0.861392	-1.16091	0.000846104	1.4572	1.4572	0.273079	1.08937	1.08937	0.137784	1.12741	1.12741
cg09325384	POLR3E	0.0295749	0.0309999	0.630891	-1.58506	0.253449	1.24228	1.24228	0.00921838	1.82439	1.82439	0.186517	0.775134	-1.2901	0.0945156	0.715834	-1.39697
cg10508883	POLR3E	0.0485529	0.0156179	1.3771	1.3771	0.0333714	1.30784	1.30784	0.595833	1.05948	1.05948	0.0285668	1.32161	1.32161	0.00951179	1.42557	1.42557
cg15863374	POLR3F	0.000300594	0.179161	0.694302	-1.44029	9.51E-06	0.0871177	-11.4787	0.00147021	0.309188	-3.23427	0.421237	0.810526	-1.23377	0.000906683	0.281139	-3.55696
cg06625730	POLR3F	0.016305	0.00680667	0.0756184	-13.2243	0.0204295	0.127775	-7.82625	0.609862	0.684559	-1.4608	0.672277	1.36799	1.36799	0.0132641	0.104338	-9.58426
cg15698192	POLR3F	0.0204905	0.947937	1.03734	1.03734	0.00307478	0.102787	-9.72883	0.0516016	0.288293	-3.46869	0.223155	2.05154	2.05154	0.0190327	0.203181	-4.92172
cg25391562	POLR3G	0.0159382	0.00376986	0.402614	-2.48377	0.473427	0.843931	-1.18493	0.32686	0.790132	-1.26561	0.26253	1.31241	1.31241	0.00308278	0.38959	-2.5668
cg10669597	POLR3G;MBLAC2	8.19E-06	2.61E-06	0.165822	-6.03057	4.50E-05	0.293991	-3.40146	0.00707787	0.575912	-1.73638	0.00264048	0.516984	-1.9343	8.23E-07	0.123728	-8.08222
cg24694018	POLR3GL	0.0140687	0.00273375	0.428165	-2.33555	0.358113	0.823818	-1.21386	0.0323113	0.598077	-1.67203	0.00615395	0.480494	-2.08119	0.00440802	0.458625	-2.18043
cg26935102	POLR3GL;ANKRD34A	0.0228949	0.0166731	0.434259	-2.30277	0.0316285	2.05263	2.05263	0.867873	1.04866	1.04866	0.0191212	2.24632	2.24632	0.122262	0.620044	-1.61279
cg14162929	POLR3H;POLR3H;POLR3H	0.00742021	0.991966	1.00123	1.00123	0.000470645	1.96005	1.96005	0.58597	1.06968	1.06968	0.154608	1.20513	1.20513	0.00585345	1.55552	1.55552
cg01259871	POLR3H;POLR3H;POLR3H	0.0184192	0.0699458	0.309705	-3.22888	0.0885253	0.33725	-2.96516	0.0783229	0.322615	-3.09967	0.110809	0.366048	-2.73188	0.0109787	0.157863	-6.33459
cg16868766	POLR3H;POLR3H;POLR3H	0.0457034	0.900915	1.0667	1.0667	0.693715	1.22776	1.22776	0.992966	1.00458	1.00458	0.00173711	0.0987303	-10.1286	0.140987	2.27235	2.27235
cg03806693	POLR3H;POLR3H;POLR3H;POLR3H;POLR3H	0.0168699	0.000958855	0.113274	-8.82815	0.404306	0.685354	-1.4591	0.0820881	2.34649	2.34649	0.0207973	0.291694	-3.42825	0.987775	1.00681	1.00681
cg02707162	POLRMT	0.000223065	3.22E-05	0.228352	-4.37921	0.0576113	0.675659	-1.48004	0.401255	0.854802	-1.16986	0.634384	0.916233	-1.09143	0.000641715	0.384147	-2.60317
cg17283268	POLRMT	0.000758902	1.56E-05	0.0731118	-13.6777	0.438513	0.793302	-1.26055	0.163582	1.546	1.546	0.114329	0.604538	-1.65416	0.180673	1.51668	1.51668
cg12619876	POLRMT	0.00201824	0.4509	0.886047	-1.12861	0.00109124	0.468185	-2.13591	0.00363385	0.538075	-1.85848	0.150723	0.784612	-1.27451	0.195182	0.805901	-1.24085
cg17913676	POLRMT	0.0025557	0.916179	0.980571	-1.01981	0.216324	1.27439	1.27439	0.0406	1.5537	1.5537	0.820289	1.04332	1.04332	0.291143	0.815344	-1.22648
cg04091961	POLRMT	0.00368137	0.843307	1.03442	1.03442	0.486694	0.886167	-1.12846	0.294705	0.830413	-1.20422	0.0276115	1.56109	1.56109	0.00011001	0.31221	-3.20298
ch.19.22680R	POLRMT	0.00835257	0.00895592	0.331132	-3.01995	0.00755946	0.319031	-3.1345	0.000562425	0.16902	-5.91647	0.0225058	0.403092	-2.48083	0.0184924	0.386806	-2.58527
cg21947590	POLRMT	0.0107367	0.023326	0.363697	-2.74954	0.285351	0.660941	-1.513	0.16287	0.573566	-1.74348	0.0808976	2.05911	2.05911	0.0092211	0.291297	-3.43292
cg00918130	POLRMT	0.0136926	0.000481499	0.224851	-4.44739	0.236353	1.40233	1.40233	0.079028	0.587754	-1.70139	0.324693	1.31938	1.31938	0.649213	0.882678	-1.13292
cg04665930	POLRMT	0.0212318	0.703328	1.06333	1.06333	0.270936	1.20194	1.20194	0.271632	1.20159	1.20159	0.0664519	1.39139	1.39139	0.0052754	0.554191	-1.80443
cg03762393	POLRMT	0.024936	0.00253639	0.486961	-2.05355	0.027122	1.56713	1.56713	0.729535	0.942133	-1.06142	0.0808676	1.39438	1.39438	0.426018	1.14981	1.14981
cg19441779	POLRMT	0.0284691	0.00343636	0.372039	-2.68789	0.139584	1.48518	1.48518	0.080057	1.62122	1.62122	0.0429379	0.560122	-1.78532	0.430417	0.818538	-1.22169
cg18627328	POLRMT	0.04499	0.696662	0.93859	-1.06543	0.295429	0.839015	-1.19187	0.122201	0.762625	-1.31126	0.692147	1.0665	1.0665	0.451241	1.13221	1.13221
cg10429706	POLS	0.000155037	0.294726	0.758198	-1.31892	0.102859	0.634725	-1.57548	0.25886	0.740768	-1.34995	0.50096	1.19005	1.19005	0.970086	0.990493	-1.0096
cg25426723	POLS	0.000916128	0.00108393	0.516819	-1.93492	0.0147633	0.66327	-1.50768	0.00135149	0.528911	-1.89068	0.781051	1.03886	1.03886	0.0249281	0.69407	-1.44078
cg25352200	POLS	0.0010375	0.16898	1.30709	1.30709	0.000677009	0.386939	-2.58439	0.675682	1.07992	1.07992	0.733388	0.939434	-1.06447	0.00012145	0.293316	-3.40929
cg02441374	POLS	0.00300253	0.282868	0.824765	-1.21247	0.338246	0.843293	-1.18583	0.501819	0.888969	-1.1249	0.394095	0.860095	-1.16266	6.61E-05	0.282696	-3.53737
cg09429437	POLS	0.00458118	0.00161993	0.255051	-3.92079	0.0449126	2.00575	2.00575	0.115268	0.595832	-1.67833	0.118603	0.599112	-1.66914	0.0636177	0.532267	-1.87876
cg01903523	POLS	0.00677074	0.0792287	0.72372	-1.38175	0.0156598	0.61162	-1.635	0.146171	0.771922	-1.29547	0.868617	1.02785	1.02785	0.000140049	0.33582	-2.97779
cg17002645	POLS	0.00743391	0.017056	0.559796	-1.78637	0.424612	1.17665	1.17665	0.0879319	1.45601	1.45601	0.887961	1.02852	1.02852	0.0074147	0.502532	-1.98992
cg22645421	POLS	0.00931077	0.480497	0.850845	-1.1753	0.00161834	0.361385	-2.76713	0.00156799	0.359466	-2.7819	0.586781	0.88373	-1.13157	0.587904	1.13114	1.13114
cg14053225	POLS	0.00970226	0.00862215	0.317042	-3.15416	0.0176068	0.371386	-2.69261	0.542537	0.809437	-1.23543	0.0918094	0.529089	-1.89004	0.000664359	0.167421	-5.97297
cg16646003	POLS	0.00989163	0.00758552	0.347526	-2.87748	0.0440725	0.490661	-2.03807	0.331917	0.734856	-1.36081	0.977029	0.991178	-1.0089	0.00163773	0.249554	-4.00716
cg22985036	POLS	0.010557	0.0814287	0.644522	-1.55154	0.0147331	0.505275	-1.97912	0.203538	0.73696	-1.35693	0.184942	0.726332	-1.37678	0.000402794	0.278148	-3.5952
cg26298294	POLS	0.0136391	0.588102	0.899967	-1.11115	0.818921	0.956763	-1.04519	0.176963	0.758344	-1.31866	0.0274187	1.65348	1.65348	0.844533	1.03857	1.03857
cg08608086	POLS	0.0211035	0.564718	0.770198	-1.29837	0.00953316	0.229303	-4.36104	0.00691324	0.20846	-4.79707	0.734509	0.858407	-1.16495	0.0138513	0.255612	-3.91218
cg08832723	POLS	0.0288776	0.57414	1.11924	1.11924	0.00545323	0.484198	-2.06527	0.00254916	0.435812	-2.29457	0.969878	1.00752	1.00752	0.372425	0.83387	-1.19923
cg16584624	POLS	0.0328818	0.528288	0.926186	-1.0797	0.975191	0.996275	-1.00374	0.563475	0.932305	-1.07261	0.983782	0.997563	-1.00244	0.0616365	0.776743	-1.28743
cg10857441	POLS	0.0371396	0.00895779	0.173829	-5.75279	0.090477	0.374634	-2.66927	0.12543	0.417738	-2.39384	0.920771	1.05376	1.05376	0.0187373	0.223279	-4.4787
cg15739543	POLS	0.0410177	0.0303278	2.75193	2.75193	0.166593	1.7811	1.7811	0.00496929	4.52032	4.52032	0.669602	1.18115	1.18115	0.679241	1.17501	1.17501
cg21099123	POLS	0.0472281	0.189879	1.37011	1.37011	0.00504892	0.431316	-2.31849	0.0185953	0.523552	-1.91003	0.262933	0.767443	-1.30303	0.251673	0.76217	-1.31204
cg09250959	POM121	0.00023546	0.123643	0.825915	-1.21078	0.616658	0.943757	-1.05959	0.0255949	0.737728	-1.35551	0.0311142	1.33666	1.33666	4.57E-06	0.298976	-3.34476
cg26744859	POM121	0.00061745	0.602136	0.977411	-1.02311	0.000249104	1.30031	1.30031	4.29E-05	1.40159	1.40159	0.0535874	1.0999	1.0999	0.00313944	1.19172	1.19172
cg15195367	POM121	0.0013472	0.0221533	0.501257	-1.99498	0.000567709	0.260681	-3.83611	0.0362203	0.541608	-1.84635	0.00271751	0.352561	-2.83638	0.00192098	0.330923	-3.02185
cg06588832	POM121	0.00232665	0.00821496	1.50666	1.50666	0.99982	0.999973	-1.00003	0.0375137	1.33988	1.33988	0.895851	1.016	1.016	0.0718883	0.783822	-1.2758
cg22402291	POM121	0.00256888	0.132618	0.792058	-1.26253	0.00159028	1.9176	1.9176	0.0015719	1.92	1.92	0.189208	0.818888	-1.22117	0.0565414	0.73336	-1.36359
cg00992264	POM121	0.00279926	0.0370109	0.710427	-1.4076	0.0853322	0.764521	-1.30801	0.000838369	0.491981	-2.0326	0.147473	1.24533	1.24533	0.052161	0.732127	-1.36588
cg25789201	POM121	0.00552514	0.0192148	0.765886	-1.30568	0.00066959	1.63245	1.63245	0.011892	1.34395	1.34395	0.966815	1.00392	1.00392	0.514989	1.06414	1.06414
cg01801842	POM121	0.0073824	0.483399	0.908329	-1.10092	0.637588	0.937956	-1.06615	0.040424	0.726489	-1.37648	0.289983	0.862214	-1.15981	0.000207138	0.432345	-2.31297
cg06654275	POM121	0.0127411	0.532588	0.846288	-1.18163	0.20864	0.704709	-1.41903	0.014149	0.449597	-2.22421	0.535326	1.18028	1.18028	0.0243293	0.492303	-2.03127
cg00599809	POM121	0.0238257	0.964523	1.00615	1.00615	0.291211	0.859765	-1.16311	0.0462288	0.729747	-1.37034	0.602008	0.929983	-1.07529	0.0012835	0.52333	-1.91084
ch.7.1578169F	POM121	0.0282916	0.00149268	1.86856	1.86856	0.665208	1.06124	1.06124	0.0856921	0.771591	-1.29602	0.953975	0.992152	-1.00791	0.0976801	1.28154	1.28154
cg11639168	POM121	0.0285941	0.1519	0.312194	-3.20313	0.0430151	0.171044	-5.84644	0.348023	0.480598	-2.08074	0.146112	0.306287	-3.26492	0.00284872	0.044406	-22.5195
cg12338690	POM121	0.0445395	0.911879	0.989921	-1.01018	0.00669075	0.724785	-1.37972	0.071376	0.83172	-1.20233	0.200332	0.883577	-1.13176	0.0267777	0.786562	-1.27136
cg19342382	POM121C	0.000539937	0.000465998	0.382282	-2.61587	0.0460285	1.49108	1.49108	0.178633	1.2836	1.2836	0.00521388	1.90418	1.90418	0.320886	0.835939	-1.19626
cg10351692	POM121C	0.00200686	0.024856	1.21024	1.21024	0.00207288	1.3632	1.3632	0.0493778	0.851922	-1.17382	0.000274697	1.53076	1.53076	0.0598363	1.16385	1.16385
cg12074655	POM121C	0.00313823	0.00363915	0.566043	-1.76665	0.705723	0.946602	-1.05641	0.00643384	0.598896	-1.66974	0.0447942	0.71663	-1.39542	0.00110631	0.498829	-2.00469
cg04978709	POM121C	0.00479066	0.00254995	0.467745	-2.13792	0.12881	0.742342	-1.34709	0.165815	1.30769	1.30769	0.0893171	0.711725	-1.40504	0.836337	1.03826	1.03826
cg18503247	POM121C	0.00797648	0.0217475	0.599974	-1.66674	0.820794	1.04173	1.04173	0.00246297	2.2275	2.2275	0.925025	0.983186	-1.0171	0.999021	1.00022	1.00022
cg23610064	POM121C	0.00993655	0.350137	1.2483	1.2483	0.0859114	0.645547	-1.54907	0.0238722	1.86206	1.86206	0.88114	1.03511	1.03511	0.0853558	0.644942	-1.55053
cg00945244	POM121C	0.00997241	0.0904577	0.716685	-1.39531	0.255852	0.809121	-1.23591	0.000167411	0.318463	-3.14008	0.576581	0.904173	-1.10598	0.378161	0.850897	-1.17523
cg14431337	POM121C	0.012247	0.784181	1.04786	1.04786	0.662557	0.927951	-1.07764	0.0151888	0.601783	-1.66173	0.283783	1.20881	1.20881	0.024296	0.633047	-1.57966
cg04223135	POM121C	0.0244867	0.112216	0.64701	-1.54557	0.0205246	0.495262	-2.01913	0.810543	1.06233	1.06233	0.159426	0.684856	-1.46016	0.00189869	0.330256	-3.02796
cg09179585	POM121C	0.0489692	0.00137086	0.480161	-2.08264	0.942694	0.988707	-1.01142	0.995939	0.999196	-1.0008	0.843744	0.969304	-1.03167	0.45541	0.886827	-1.12762
cg19968835	POM121L10P	0.0392789	0.560867	1.07725	1.07725	0.0038003	0.610183	-1.63885	0.368064	0.889589	-1.12411	0.465948	0.910383	-1.09844	0.648688	0.94361	-1.05976
cg22276519	POM121L10P;LOC644165	0.0145107	0.0140674	0.707677	-1.41307	0.0301755	0.747689	-1.33745	0.00732186	0.67409	-1.48348	0.0398845	0.762651	-1.31122	0.00475183	0.652021	-1.53369
cg05891292	POM121L12	4.46E-05	0.0555715	0.612705	-1.63211	0.923232	0.978471	-1.022	1.73E-05	0.136998	-7.2994	0.432745	0.834622	-1.19815	0.0245605	0.546236	-1.83071
cg10791343	POM121L12	8.58E-05	0.00202225	0.331176	-3.01954	0.103302	0.636209	-1.57181	2.73E-05	0.122432	-8.1678	0.736989	1.08931	1.08931	0.0775619	0.607795	-1.64529
cg22441312	POM121L12	0.000312902	0.0227559	0.626662	-1.59576	0.311116	1.19682	1.19682	0.000483152	0.391276	-2.55574	0.143463	0.763742	-1.30934	0.0128031	0.588557	-1.69907
cg00201870	POM121L12	0.00283221	0.140514	0.644223	-1.55226	0.000550119	0.225823	-4.42824	0.0101155	0.406631	-2.45923	0.711182	0.901997	-1.10865	0.000483354	0.219195	-4.56215
cg17512738	POM121L12	0.00800384	0.962405	1.01249	1.01249	0.707261	1.10441	1.10441	0.00266437	0.334997	-2.9851	0.703319	0.904181	-1.10597	0.333014	0.768843	-1.30066
cg14794023	POM121L12	0.0104869	0.954464	1.00971	1.00971	0.00465396	0.528848	-1.8909	0.00125897	0.450686	-2.21884	0.862292	0.971041	-1.02982	0.911785	1.01894	1.01894
cg00053261	POM121L12	0.0155195	0.0128075	0.72954	-1.37073	0.212572	0.874668	-1.14329	0.00432707	0.677735	-1.4755	0.118663	0.841332	-1.18859	0.150035	0.85437	-1.17045
cg15304679	POM121L12	0.027804	0.0281461	0.290229	-3.44556	0.0018903	0.1223	-8.17661	0.0719002	0.3834	-2.60824	0.133556	0.462029	-2.16437	0.0158749	0.244264	-4.09394
cg12333737	POM121L12	0.0338864	0.969032	1.02432	1.02432	0.00303054	0.080876	-12.3646	0.00394271	0.090666	-11.0295	0.20042	0.432942	-2.30978	0.266109	0.488085	-2.04882
cg20170989	POM121L12	0.0470021	0.152326	0.322298	-3.10272	0.0070045	0.0761394	-13.1338	0.0845346	0.244385	-4.0919	0.168461	0.338327	-2.95572	0.0373375	0.167877	-5.95673
cg23498518	POM121L12;POM121L12	0.000187017	0.37362	0.720082	-1.38873	0.679883	0.861409	-1.16089	0.0041162	0.250649	-3.98965	0.000164925	0.099358	-10.0646	0.00678571	0.283242	-3.53055
cg09034836	POM121L1P	0.00264125	0.0730977	0.796853	-1.25494	0.00930026	0.687384	-1.45479	0.00258871	0.622302	-1.60694	0.591967	0.940384	-1.0634	0.00700136	0.672874	-1.48616
cg04627849	POM121L1P	0.00334035	0.0290213	3.48243	3.48243	0.000200323	20.6253	20.6253	0.564834	0.754155	-1.32599	0.056609	2.84698	2.84698	0.134323	0.457134	-2.18754
cg27179375	POM121L1P	0.0129793	0.0904174	2.44619	2.44619	0.00361332	6.60957	6.60957	0.416605	0.671635	-1.4889	0.0509011	2.90452	2.90452	0.0722189	0.382143	-2.61682
cg04027757	POM121L1P	0.0185422	0.199103	1.72909	1.72909	0.0109743	3.62573	3.62573	0.214555	0.590185	-1.69438	0.0784379	2.20102	2.20102	0.0391492	0.381617	-2.62043
cg25432807	POM121L1P	0.0337584	0.0331535	3.54104	3.54104	0.115481	2.38397	2.38397	0.386165	0.636969	-1.56993	0.116973	2.3741	2.3741	0.0708297	0.358861	-2.78659
cg27379407	POM121L1P	0.0429803	0.3839	1.48533	1.48533	0.142492	2.0109	2.0109	0.308147	0.626608	-1.59589	0.0322981	3.03682	3.03682	0.0763095	0.417338	-2.39614
cg03192536	POM121L2	3.84E-06	4.63E-06	5.86432	5.86432	0.723802	1.06154	1.06154	0.00100649	2.27415	2.27415	0.281319	1.20741	1.20741	0.397094	0.864196	-1.15714
cg06761719	POM121L2	8.26E-06	3.06E-06	6.08798	6.08798	0.115051	0.756638	-1.32164	0.0442961	1.45643	1.45643	9.41E-05	3.10481	3.10481	2.79E-06	6.22556	6.22556
cg26654994	POM121L2	5.33E-05	0.186121	0.735286	-1.36001	0.758122	1.07011	1.07011	0.00100295	2.91933	2.91933	0.00510437	2.25187	2.25187	0.55336	0.876752	-1.14057
cg10736063	POM121L2	0.000113689	0.17918	1.20432	1.20432	0.943815	1.00923	1.00923	0.26404	1.16379	1.16379	0.0309808	1.39095	1.39095	0.0530223	1.3317	1.3317
cg16927253	POM121L2	0.000124615	0.0127007	2.10659	2.10659	0.0760511	0.621931	-1.60789	0.0413179	1.76155	1.76155	1.87E-05	8.13083	8.13083	0.353093	0.794639	-1.25843
cg13759822	POM121L2	0.000129993	0.397694	0.79712	-1.25452	0.0125223	0.443375	-2.25543	0.000114709	0.170009	-5.88205	0.00156481	0.304262	-3.28664	2.51E-05	0.111802	-8.9444
cg25988717	POM121L2	0.000151409	0.3002	1.27403	1.27403	0.00883689	2.12107	2.12107	0.021381	1.86599	1.86599	0.0818975	1.54479	1.54479	0.864725	1.03921	1.03921
cg11262757	POM121L2	0.000189726	0.985527	1.0062	1.0062	0.355267	1.38249	1.38249	0.0055727	3.45586	3.45586	0.00323043	0.254515	-3.92903	0.0870497	0.525402	-1.9033
cg09551472	POM121L2	0.00149608	0.00158428	6.00826	6.00826	0.0165777	3.18076	3.18076	0.0498681	2.42156	2.42156	0.000388944	9.36127	9.36127	0.00111639	6.67445	6.67445
cg25022355	POM121L2	0.00317948	0.733985	1.04947	1.04947	0.208234	1.20659	1.20659	0.227587	1.19636	1.19636	0.0263811	1.45168	1.45168	0.462315	0.899504	-1.11172
cg22548220	POM121L2	0.00555214	0.0452099	0.352899	-2.83367	0.00123315	0.117452	-8.51412	0.0105266	0.232436	-4.30227	0.028808	0.310757	-3.21795	0.00369764	0.168914	-5.92017
cg09249112	POM121L2	0.00597709	0.155072	1.21928	1.21928	0.742082	0.957882	-1.04397	0.336813	0.878946	-1.13773	0.0148994	1.47724	1.47724	0.0643167	1.31106	1.31106
cg14155724	POM121L2	0.010127	0.0295611	0.169402	-5.90312	0.00253504	0.0548114	-18.2444	0.0645596	0.237198	-4.21589	0.176611	0.369549	-2.706	0.00364521	0.0655141	-15.2639
cg02150135	POM121L2	0.0106683	0.0189313	3.72906	3.72906	0.00944334	4.58782	4.58782	0.244013	1.7585	1.7585	0.604843	1.27346	1.27346	0.19589	0.530793	-1.88397
cg02652760	POM121L2	0.0185122	0.00865884	0.200641	-4.98403	0.0174573	0.24938	-4.00994	0.0253893	0.279334	-3.57995	0.0842216	0.399767	-2.50146	0.0113146	0.218201	-4.58292
cg07085962	POM121L2;POM121L2	0.000290637	0.164495	1.50616	1.50616	0.32725	1.32217	1.32217	0.72079	0.905648	-1.10418	0.127473	0.634373	-1.57636	0.00168204	0.289396	-3.45547
cg06297155	POM121L4P	0.045965	0.259878	0.918659	-1.08854	0.00538987	1.30272	1.30272	0.979879	1.00182	1.00182	0.959872	1.00364	1.00364	0.304316	1.07982	1.07982
cg04429778	POM121L8P	0.0046746	0.182069	1.2679	1.2679	0.412668	1.15069	1.15069	0.801596	0.958682	-1.0431	0.0133595	1.67125	1.67125	0.00303044	0.506174	-1.97561
cg08388184	POM121L8P	0.00493217	0.182866	0.809274	-1.23568	0.00224163	0.526947	-1.89772	0.00274444	0.538573	-1.85676	0.392034	0.876965	-1.1403	0.02016	0.657339	-1.52128
cg26792398	POM121L9P	0.00200176	0.0237843	0.72302	-1.38309	0.968754	1.00472	1.00472	0.013769	0.693491	-1.44198	0.0379072	1.33553	1.33553	0.000997356	0.555677	-1.79961
cg17423209	POM121L9P	0.00348845	0.661722	0.908527	-1.10068	0.00177473	0.379199	-2.63714	0.164287	0.723728	-1.38173	0.142453	0.709257	-1.40993	0.000194933	0.255233	-3.91799
cg16964533	POM121L9P	0.0173068	0.680322	1.212	1.212	0.0538711	2.76144	2.76144	0.249386	0.57196	-1.74837	0.0163678	3.90337	3.90337	0.0253173	0.291135	-3.43483
cg20313798	POM121L9P	0.0241938	0.566611	0.911687	-1.09687	0.136341	0.774007	-1.29198	0.0436448	0.690577	-1.44806	0.0239504	0.650524	-1.53722	0.421059	0.877043	-1.14019
cg20042116	POM121L9P	0.0259748	0.362559	0.808159	-1.23738	0.264507	1.30304	1.30304	0.896735	0.970878	-1.03	0.328261	0.794794	-1.25819	0.0858475	0.649167	-1.54044
cg14796474	POM121L9P	0.0340772	0.230025	0.616043	-1.62326	0.821402	1.09087	1.09087	0.0945213	0.493134	-2.02785	0.269558	1.55625	1.55625	0.00387117	0.22386	-4.46707
cg07466604	POM121L9P	0.0495387	0.206091	0.656061	-1.52425	0.766779	0.910285	-1.09856	0.0789174	0.539784	-1.85259	0.72111	1.11995	1.11995	0.00139343	0.231381	-4.32188
cg14357535	POMC;POMC	0.000156576	0.000319498	0.461964	-2.16467	0.658417	0.942728	-1.06075	0.00276947	0.578659	-1.72813	0.00064625	0.499701	-2.0012	6.86E-05	0.381005	-2.62464
cg23809645	POMC;POMC	0.00177306	0.789603	0.94282	-1.06065	0.0260347	1.78884	1.78884	0.96128	1.01075	1.01075	0.493336	1.16552	1.16552	0.000630596	0.314532	-3.17932
cg20807790	POMC;POMC	0.00249483	0.000866406	0.149881	-6.67197	0.000641888	0.13681	-7.30943	0.222633	0.614719	-1.62676	0.602513	0.819145	-1.22078	0.00110245	0.160984	-6.21178
cg02716646	POMC;POMC	0.00414957	0.0230404	2.37801	2.37801	0.210676	0.656826	-1.52247	0.0854913	1.83275	1.83275	0.0574374	1.98349	1.98349	0.978114	0.991296	-1.00878
cg09916783	POMC;POMC	0.00496748	0.0156042	0.25323	-3.94898	0.0665859	2.59313	2.59313	0.0728402	0.39576	-2.52678	0.0842166	0.412746	-2.4228	0.00401431	0.166844	-5.99362
cg23598419	POMC;POMC	0.0050393	0.378106	1.197	1.197	0.151646	1.35723	1.35723	0.345576	1.21307	1.21307	0.794438	0.949405	-1.05329	0.97202	1.007	1.007
cg09527270	POMC;POMC	0.0101058	0.0980398	3.15556	3.15556	0.00147368	18.2821	18.2821	0.105106	3.06895	3.06895	0.578388	1.42686	1.42686	0.96283	1.02995	1.02995
cg11894631	POMC;POMC	0.01522	0.184579	0.694713	-1.43944	0.0127132	0.448668	-2.22882	0.00203517	0.324382	-3.08278	0.982775	0.994428	-1.0056	0.0119164	0.44384	-2.25306
cg24718866	POMC;POMC	0.0178992	0.985469	0.992708	-1.00735	0.639249	1.20892	1.20892	0.600891	1.23628	1.23628	0.211696	1.69674	1.69674	0.28173	0.637913	-1.56761
cg17736230	POMC;POMC	0.0204039	0.0287525	0.45903	-2.17851	0.919853	0.970074	-1.03085	0.673832	0.880036	-1.13632	0.65712	0.873835	-1.14438	0.00181769	0.262335	-3.81192
cg10045137	POMC;POMC	0.0265289	0.083892	2.24807	2.24807	0.0170555	3.42705	3.42705	0.397377	1.4434	1.4434	0.126921	2.01207	2.01207	0.192068	1.79465	1.79465
cg03560973	POMC;POMC	0.0282162	0.460188	1.45061	1.45061	0.00292424	7.55653	7.55653	0.0881951	2.53637	2.53637	0.431239	1.48796	1.48796	0.781727	0.871619	-1.14729
cg02757179	POMC;POMC	0.0287295	0.0532292	0.3962	-2.52398	0.315203	0.645451	-1.54931	0.148423	0.520243	-1.92218	0.674349	1.19501	1.19501	0.0262539	0.329124	-3.03837
cg02079741	POMC;POMC	0.0326856	0.108211	2.09712	2.09712	0.00527262	4.73259	4.73259	0.312764	1.55464	1.55464	0.205812	1.7577	1.7577	0.553793	1.28802	1.28802
cg13025668	POMC;POMC	0.0342155	0.243858	0.529458	-1.88872	0.0521789	3.16394	3.16394	0.367933	1.61982	1.61982	0.0475314	3.26097	3.26097	0.666602	1.25363	1.25363
cg20387815	POMC;POMC	0.037265	0.111552	0.430523	-2.32275	0.0234033	3.73196	3.73196	0.538334	1.35385	1.35385	0.217774	1.87846	1.87846	0.624635	0.786795	-1.27098
cg00293936	POMC;POMC;POMC;POMC	0.000109379	0.00311708	0.721279	-1.38643	0.628517	1.04019	1.04019	0.909527	0.990855	-1.00923	0.781846	0.977816	-1.02269	0.367355	1.07771	1.07771
cg07833865	POMGNT1;POMGNT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20716455	POMGNT1;POMGNT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04036983	POMGNT1;POMGNT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16409843	POMGNT1;POMGNT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04089800	POMGNT1;POMGNT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18885107	POMGNT1;POMGNT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21535065	POMP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04821933	POMP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12569071	0.633005	1.07598	1.07598	0.00106305	0.478738	-2.08882	0.0156525	0.63695	-1.56998	0.00987255	0.608744	-1.64273	6.87979	2.5251	0.32625	1
cg08264885	0.0917773	0.360483	-2.77406	0.00665866	0.144395	-6.92547	0.0131183	0.18438	-5.42357	0.0139335	0.188349	-5.30929	5.88419	28.152	4.25275	1
cg06112727	0.857079	1.08206	1.08206	0.149685	0.508795	-1.96543	0.0532515	2.61339	2.61339	0.669941	1.20631	1.20631	3.91989	11.8811	2.69419	1
cg06866996	2.34E-05	0.270782	-3.69301	0.000692214	0.449097	-2.22669	0.34356	1.16282	1.16282	0.695914	0.941082	-1.06261	12.5501	4.75076	0.336484	1
cg06684910	0.000419977	1.50927	1.50927	0.00257226	0.735122	-1.36032	0.390425	1.06693	1.06693	0.514328	1.04989	1.04989	10.9895	0.943364	0.0763042	1
cg04303976	0.879799	1.01142	1.01142	0.211778	0.906006	-1.10375	0.729542	0.974291	-1.02639	0.0241081	1.22365	1.22365	7.81418	0.696911	0.0792759	1
cg09325384	0.069772	1.4461	1.4461	0.558655	1.11358	1.11358	0.895347	1.02423	1.02423	0.0987404	1.38999	1.38999	4.10758	2.15244	0.465792	1
cg10508883	0.0654152	1.2501	1.2501	0.223616	1.14799	1.14799	0.273358	1.13093	1.13093	0.664225	0.953951	-1.04827	3.4261	0.632202	0.164023	1
cg15863374	0.830116	0.946547	-1.05647	0.00562365	0.394826	-2.53276	0.941593	0.98144	-1.01891	0.00123938	0.299113	-3.34322	16.4412	17.022	0.920289	1
cg06625730	0.125541	0.294971	-3.39016	0.00218085	0.0421763	-23.71	0.151242	0.322221	-3.10346	0.0425562	0.179131	-5.5825	5.03922	43.281	7.63453	1
cg15698192	0.843134	1.11765	1.11765	0.0196716	0.205578	-4.86434	0.806968	1.14732	1.14732	0.0515855	0.288262	-3.46907	4.66594	23.2906	4.437	1
cg25391562	0.195749	0.72731	-1.37493	0.0839987	1.56041	1.56041	0.529239	1.1599	1.1599	0.139098	0.690394	-1.44845	5.07752	4.35512	0.762422	1
cg10669597	0.145716	0.780621	-1.28103	0.636405	1.07843	1.07843	0.000140947	0.352878	-2.83384	5.48E-05	0.303863	-3.29096	42.7264	17.0118	0.353917	1
cg24694018	0.0224291	0.570688	-1.75227	0.411633	0.841839	-1.18788	0.0687328	0.658491	-1.51862	0.0386804	0.611972	-1.63406	5.29136	3.52466	0.592103	1
cg26935102	0.209566	0.685628	-1.45852	0.0629144	0.550395	-1.81688	0.592773	0.857215	-1.16657	0.0977037	0.595385	-1.67959	4.49194	5.79425	1.1466	1
cg14162929	0.0665527	1.28654	1.28654	0.279823	0.871457	-1.1475	0.00987014	1.49082	1.49082	0.761235	0.963365	-1.03803	6.49573	1.54296	0.211141	1
cg01259871	0.091398	0.341186	-2.93095	0.00460911	0.112934	-8.85469	0.00352242	0.101387	-9.86316	0.0136502	0.171248	-5.8395	4.83749	25.6355	4.71052	1
cg16868766	0.0953915	2.58512	2.58512	0.676589	1.24292	1.24292	0.686709	1.23392	1.23392	0.534453	1.38563	1.38563	3.50509	14.919	3.78345	1
cg03806693	0.198192	1.82598	1.82598	0.187344	0.538635	-1.85655	0.871889	1.07407	1.07407	0.955181	1.0252	1.0252	4.98227	15.4687	2.75979	1
cg02707162	0.470466	1.14347	1.14347	0.000123934	0.294622	-3.39418	0.000273207	0.336571	-2.97114	0.00340985	0.483502	-2.06824	17.8348	9.41877	0.469432	1
cg17283268	0.201502	0.673511	-1.48476	?	?	?	0.11786	1.6448	1.6448	0.830031	0.93895	-1.06502	13.0246	15.7447	1.20884	1
cg12619876	0.109839	1.31589	1.31589	0.000865514	2.19772	2.19772	0.142551	1.28178	1.28178	0.563543	0.912133	-1.09633	9.61643	3.77796	0.349213	1
cg17913676	0.646443	0.917525	-1.08989	4.24E-05	0.234312	-4.26782	0.589188	1.10695	1.10695	0.990527	0.99779	-1.00221	8.97363	4.93612	0.488951	1
cg04091961	0.897712	1.02224	1.02224	0.0324869	0.651796	-1.53422	0.593181	0.911915	-1.09659	0.0257648	0.635848	-1.5727	8.05099	3.72837	0.411639	1
ch.19.22680R	0.976636	0.990311	-1.00978	0.105435	0.555386	-1.80055	0.0570166	0.488723	-2.04615	0.508051	0.799922	-1.25012	6.25851	10.9559	1.55606	1
cg21947590	0.0663109	0.463674	-2.15669	0.00379159	0.23285	-4.29461	0.864395	1.06587	1.06587	0.00536558	0.254553	-3.92845	5.77741	12.742	1.96043	1
cg00918130	0.0735608	0.580625	-1.72228	0.209521	1.43396	1.43396	0.840208	1.05656	1.05656	0.731821	1.09828	1.09828	5.33867	6.27933	1.04551	1
cg04665930	0.460459	0.886396	-1.12816	0.209049	1.23676	1.23676	0.00623249	1.77208	1.77208	0.448334	0.88338	-1.13202	4.60971	1.88014	0.362546	1
cg03762393	0.237113	1.23704	1.23704	0.10984	1.34897	1.34897	0.321169	1.19247	1.19247	0.694879	1.07005	1.07005	4.36112	2.03725	0.415235	1
cg19441779	0.143042	0.675972	-1.47935	0.224152	0.727818	-1.37397	0.170216	0.695293	-1.43824	0.171232	0.69597	-1.43684	4.16332	4.08153	0.871425	1
cg18627328	0.504848	1.11569	1.11569	0.00298376	1.93293	1.93293	0.0301565	1.51051	1.51051	0.937136	1.01284	1.01284	3.52582	1.4614	0.368432	1
cg10429706	0.564647	0.862162	-1.15988	1.69E-06	0.047005	-21.2743	0.0500681	1.76669	1.76669	0.148388	1.48421	1.48421	19.6809	20.2243	0.913436	1
cg25426723	7.03E-05	0.370551	-2.69869	0.0618874	0.749977	-1.33337	0.416958	0.89269	-1.12021	0.00127186	0.525579	-1.90266	12.062	3.57716	0.263612	1
cg25352200	0.0222424	0.606069	-1.64998	0.062304	1.46734	1.46734	0.368139	1.18403	1.18403	0.0082496	0.539353	-1.85407	11.6443	6.15834	0.470109	1
cg02441374	0.359855	1.17649	1.17649	0.0185095	1.63749	1.63749	0.559448	1.10728	1.10728	0.44769	1.14294	1.14294	8.55601	4.03947	0.419663	1
cg09429437	0.00117581	0.237007	-4.21928	0.056863	0.521152	-1.91883	0.103826	1.71231	1.71231	0.907528	1.03576	1.03576	7.53671	10.9149	1.28732	1
cg01903523	0.0726685	0.717266	-1.39418	0.574488	1.09871	1.09871	0.478639	0.887338	-1.12697	0.870413	1.02746	1.02746	6.68408	2.91514	0.387672	1
cg17002645	0.148188	0.73386	-1.36266	0.00333176	0.450612	-2.2192	0.0710551	1.49524	1.49524	0.0208027	0.574021	-1.7421	6.49198	4.0919	0.560267	1
cg22645421	0.372232	0.81356	-1.22917	0.0345599	0.574018	-1.74211	0.049726	0.604006	-1.65561	0.00800926	0.465173	-2.14974	6.0468	4.85815	0.714155	1
cg14053225	0.0844879	0.519708	-1.92416	0.011526	0.338344	-2.95557	0.855458	0.939378	-1.06453	0.0184161	0.375036	-2.66641	5.96797	11.1178	1.65592	1
cg16646003	0.0201393	0.422032	-2.36949	0.00171131	0.252079	-3.96701	0.228204	0.677558	-1.47589	0.115927	0.591029	-1.69196	5.93124	8.89807	1.33351	1
cg22985036	0.0312877	0.562933	-1.77641	0.13644	0.694273	-1.44035	0.200945	0.735521	-1.35958	0.00568181	0.438223	-2.28194	5.80882	4.75823	0.728123	1
cg26298294	0.00429842	2.08754	2.08754	0.00271252	2.22177	2.22177	0.14355	0.738642	-1.35384	0.908806	1.02233	1.02233	5.34552	3.1453	0.523022	1
cg08608086	0.019905	0.283504	-3.52729	0.00725162	0.211461	-4.729	0.739828	0.861157	-1.16123	0.533206	0.753465	-1.3272	4.61926	14.7179	2.83219	1
cg08832723	0.0957455	0.695572	-1.43767	0.383861	0.837652	-1.19381	0.0945675	0.694497	-1.43989	0.0742728	0.673951	-1.48379	4.14242	2.58242	0.554141	1
cg16584624	0.672997	0.95033	-1.05227	0.000980232	1.80092	1.80092	0.579971	1.06939	1.06939	0.398685	1.10927	1.10927	3.95515	0.902285	0.202782	1
cg10857441	0.937652	1.04204	1.04204	0.00814134	0.16816	-5.9467	0.866556	0.915286	-1.09255	0.0526846	0.313704	-3.18772	3.78466	16.6054	3.90004	1
cg15739543	0.388319	0.708983	-1.41047	0.0383326	2.59098	2.59098	0.0409945	2.54685	2.54685	0.0354223	2.64399	2.64399	3.98243	9.27284	1.811	1
cg21099123	0.243478	0.75823	-1.31886	0.659502	1.10579	1.10579	0.305097	1.27232	1.27232	0.603243	0.887883	-1.12628	3.46209	2.82008	0.724054	1
cg09250959	0.0765275	0.797741	-1.25354	0.017536	1.39311	1.39311	0.401383	0.906187	-1.10352	0.0304148	0.746916	-1.33884	17.5744	3.66138	0.185187	1
cg26744859	0.0878562	0.921429	-1.08527	0.321323	1.04551	1.04551	0.826933	1.00956	1.00956	0.716233	1.01598	1.01598	13.4757	0.402708	0.0265637	1
cg15195367	0.000734298	0.274768	-3.63943	0.000381073	0.239633	-4.17305	0.0547864	0.577825	-1.73063	0.0177136	0.483724	-2.0673	10.8081	10.8527	0.892557	1
cg06588832	0.614133	0.940231	-1.06357	0.00192993	1.70233	1.70233	0.000166089	2.17643	2.17643	0.272224	1.1486	1.1486	9.22477	2.14699	0.206882	1
cg22402291	0.00791617	0.61307	-1.63114	0.797481	0.963733	-1.03763	0.441904	0.893467	-1.11924	0.0352587	0.703091	-1.42229	8.96004	2.92869	0.290543	1
cg00992264	0.0102488	0.633292	-1.57905	0.00312832	1.76888	1.76888	0.990606	0.99834	-1.00166	0.0517604	0.731633	-1.36681	8.73565	2.75698	0.280534	1
cg25789201	0.322642	0.908285	-1.10098	0.0370433	0.796128	-1.25608	0.111041	1.17759	1.17759	0.670517	1.04112	1.04112	7.11758	0.999421	0.124814	1
cg01801842	0.0457042	0.734005	-1.36239	0.0463243	0.734835	-1.36085	0.0129822	0.659573	-1.51613	0.0138832	0.663426	-1.50733	6.50612	1.87765	0.256531	1
cg06654275	0.853536	0.952377	-1.05	0.0442487	0.543257	-1.84075	0.00230367	3.07902	3.07902	0.549123	1.17357	1.17357	5.46591	6.03512	0.981456	1
cg00599809	0.120646	0.792772	-1.2614	0.144567	1.24135	1.24135	0.0242415	0.690335	-1.44857	0.692648	0.946669	-1.05634	4.43056	1.33547	0.26793	1
ch.7.1578169F	0.254576	1.17633	1.17633	0.716359	0.951409	-1.05107	0.700596	1.05416	1.05416	0.110403	0.788601	-1.26807	4.17252	1.23152	0.262356	1
cg11639168	0.918229	0.925077	-1.08099	0.00506618	0.0601927	-16.6133	0.858721	0.873611	-1.14467	0.0400561	0.165396	-6.04609	4.15689	37.8625	8.09634	1
cg12338690	0.835127	1.01925	1.01925	0.0313682	0.79371	-1.25991	0.229671	0.891073	-1.12224	0.221803	1.12468	1.12468	3.53912	0.469294	0.117868	1
cg19342382	0.0224621	0.620193	-1.6124	0.082371	0.714472	-1.39963	0.00139744	2.24534	2.24534	0.00120554	0.436702	-2.28989	13.9888	6.76376	0.42979	1
cg10351692	0.125106	0.888144	-1.12594	0.84903	0.986475	-1.01371	0.138355	1.12076	1.12076	0.0937407	0.876608	-1.14076	9.63228	0.778899	0.0718786	1
cg12074655	0.000998733	0.493134	-2.02785	0.00380737	0.56863	-1.75861	0.00737225	0.606827	-1.64792	0.260846	0.843969	-1.18488	8.44432	2.79862	0.294597	1
cg04978709	0.000423703	0.362939	-2.75528	0.532761	1.12152	1.12152	0.187082	1.28894	1.28894	0.0544446	0.672938	-1.48602	7.43492	3.87976	0.463848	1
cg18503247	0.129531	0.741851	-1.34798	0.610779	1.09701	1.09701	0.377441	1.17797	1.17797	0.00160775	0.42104	-2.37507	7.26618	3.65593	0.391334	1
cg23610064	0.062866	0.61717	-1.6203	0.000569145	0.292047	-3.42411	0.556317	0.871779	-1.14708	0.984247	0.995457	-1.00456	5.92266	4.98831	0.748658	1
cg00945244	0.572366	0.903144	-1.10724	0.0107728	0.564354	-1.77194	0.096673	0.722056	-1.38493	0.503984	0.885953	-1.12873	5.91584	2.98761	0.448905	1
cg14431337	0.948167	1.01113	1.01113	0.00125373	2.23087	2.23087	0.180367	1.27412	1.27412	0.458383	1.13722	1.13722	5.53674	2.54306	0.408272	1
cg04223135	0.354468	0.78676	-1.27104	0.0854104	0.619569	-1.61402	0.767106	0.927954	-1.07764	0.00725189	0.418071	-2.39194	4.38875	4.40571	0.892324	1
cg09179585	0.333978	0.854341	-1.17049	0.22537	0.817787	-1.22281	0.383471	1.15164	1.15164	0.170902	1.25904	1.25904	3.41503	1.34989	0.351359	1
cg19968835	0.388856	0.894268	-1.11823	0.0119832	1.48685	1.48685	0.236028	0.85459	-1.17015	0.684037	0.949542	-1.05314	3.70787	0.94036	0.225433	1
cg22276519	0.0508851	0.775925	-1.28878	0.400968	1.10303	1.10303	0.0169374	0.717315	-1.39409	0.716554	0.959263	-1.04247	5.23774	1.0793	0.183166	1
cg05891292	0.000791089	0.318214	-3.14254	0.106247	1.48933	1.48933	0.189358	0.730564	-1.36881	1.79E-06	0.0678926	-14.7292	27.434	22.1537	0.717802	1
cg10791343	0.000315037	0.227241	-4.40061	0.0091574	2.31643	2.31643	0.12849	0.659022	-1.5174	1.51E-05	0.102597	-9.74687	23.0636	23.5291	0.906831	1
cg22441312	0.000416123	0.382933	-2.61142	0.253896	1.22663	1.22663	0.512809	0.892441	-1.12052	1.82E-05	0.223193	-4.48042	16.2615	7.57001	0.413792	1
cg00201870	0.00546049	0.362927	-2.75538	0.0107125	0.410866	-2.43388	0.672043	0.888613	-1.12535	0.0147168	0.434889	-2.29944	8.70545	10.6044	1.08278	1
cg17512738	0.0208848	0.481037	-2.07884	0.244658	1.37765	1.37765	0.447778	0.815737	-1.22589	0.000532966	0.241888	-4.13414	6.34319	6.9615	0.975535	1
cg14794023	0.305056	0.835461	-1.19694	0.0407224	1.49166	1.49166	0.0574591	0.695103	-1.43864	0.0867496	0.726	-1.37741	5.82126	2.64139	0.403333	1
cg00053261	0.274568	0.890516	-1.12294	0.00943789	1.39874	1.39874	0.143409	0.851825	-1.17395	0.260447	0.887168	-1.12718	5.12261	0.844041	0.14646	1
cg15304679	0.0829809	0.40014	-2.49912	0.0588541	0.361265	-2.76805	0.315346	0.609338	-1.64113	0.0374827	0.316045	-3.16411	4.19815	15.1379	3.20519	1
cg12333737	0.834286	1.13846	1.13846	0.727181	1.2421	1.2421	0.664813	0.763502	-1.30975	0.138682	0.372823	-2.68224	3.91256	23.7425	5.39403	1
cg20170989	0.0629237	0.213297	-4.6883	0.00756509	0.0790762	-12.646	0.125838	0.294288	-3.39803	0.119879	0.28763	-3.47669	3.46835	29.957	7.67755	1
cg23498518	0.00101271	0.173193	-5.77391	1.36E-05	0.0379927	-26.3208	0.0244005	0.38122	-2.62315	0.000186134	0.103444	-9.66705	18.7083	38.3063	1.82005	1
cg09034836	0.108443	0.819603	-1.2201	0.0158358	1.39902	1.39902	0.0158905	0.714963	-1.39867	0.000849304	0.565704	-1.76771	8.88693	1.81659	0.181699	1
cg04627849	0.152941	0.47611	-2.10035	0.150244	2.11215	2.11215	0.00437384	6.33112	6.33112	0.447741	1.4552	1.4552	8.28867	30.8581	3.30927	1
cg27179375	0.0980599	0.418932	-2.38702	0.244838	1.79189	1.79189	0.00777993	5.14696	5.14696	0.704501	1.20043	1.20043	5.43298	19.7791	3.23606	1
cg04027757	0.0819486	0.459385	-2.17683	0.410026	1.40498	1.40498	0.0102322	3.69304	3.69304	0.670079	1.18882	1.18882	4.82665	12.4506	2.29293	1
cg25432807	0.102224	0.403325	-2.47939	0.615201	1.29346	1.29346	0.00917419	5.36447	5.36447	0.795232	1.14116	1.14116	3.9179	15.9946	3.62885	1
cg27379407	0.0622716	0.394556	-2.5345	0.261296	1.68055	1.68055	0.0204861	3.44629	3.44629	0.765713	1.14159	1.14159	3.58646	11.1537	2.7644	1
cg03192536	2.09E-06	7.1274	7.1274	0.145804	0.768854	-1.30064	3.38E-07	12.0462	12.0462	0.0455863	1.47089	1.47089	51.9433	23.3079	0.39886	1
cg06761719	0.680698	1.06966	1.06966	0.745019	0.948278	-1.05454	3.97E-06	5.72687	5.72687	0.0132872	1.64757	1.64757	42.6336	17.8841	0.372874	1
cg26654994	0.0719407	1.55373	1.55373	0.472821	0.851994	-1.17372	6.85E-07	19.3121	19.3121	0.337227	1.24239	1.24239	26.1734	19.9473	0.67744	1
cg10736063	0.770384	1.03887	1.03887	0.328249	0.8768	-1.14051	9.44E-07	5.40126	5.40126	0.736669	0.956981	-1.04495	21.3928	5.75143	0.238976	1
cg16927253	0.134589	1.47418	1.47418	0.102458	0.65057	-1.53711	1.49E-05	8.68718	8.68718	0.392894	1.23437	1.23437	20.8725	19.1322	0.814775	1
cg13759822	0.201122	0.702214	-1.42407	2.41E-05	0.110353	-9.06182	0.493048	1.19995	1.19995	0.0838324	0.605946	-1.65031	20.6369	22.4093	0.965231	1
cg25988717	0.793426	0.942517	-1.06099	0.750978	0.930697	-1.07446	1.38E-06	16.1009	16.1009	0.0437061	1.68715	1.68715	19.8069	15.9637	0.716412	1
cg11262757	0.174961	1.63453	1.63453	0.116462	0.559349	-1.78779	5.18E-06	33.9902	33.9902	0.954726	0.980848	-1.01953	18.6356	34.2389	1.63314	1
cg09551472	0.983483	1.00822	1.00822	0.794236	0.90181	-1.10888	0.000615203	8.04664	8.04664	0.108637	1.9976	1.9976	10.4875	25.9691	2.20107	1
cg25022355	0.573051	0.922558	-1.08394	0.984201	0.997201	-1.00281	4.25E-05	3.00884	3.00884	0.911301	0.98435	-1.0159	8.41155	2.66916	0.282062	1
cg22548220	0.0269525	0.304946	-3.27927	0.00218319	0.142478	-7.01861	0.0103671	0.23139	-4.3217	0.0310955	0.317551	-3.1491	7.10693	23.1318	2.89318	1
cg09249112	0.878355	0.980241	-1.02016	0.00225913	0.573029	-1.74511	0.00197844	1.76727	1.76727	0.739271	0.957413	-1.04448	6.94736	1.86803	0.239007	1
cg14155724	0.0412877	0.195673	-5.11057	0.00497621	0.0760385	-13.1512	0.0108785	0.109071	-9.16838	0.0238076	0.154212	-6.48458	5.88679	44.7764	6.7611	1
cg02150135	0.177314	1.94254	1.94254	0.0636432	0.380748	-2.62641	0.00161987	8.10427	8.10427	0.125853	2.15333	2.15333	5.78928	19.6633	3.0191	1
cg02652760	0.0390573	0.317787	-3.14677	0.010441	0.212799	-4.69927	0.00954669	0.206909	-4.83304	0.0831354	0.39821	-2.51124	4.82928	17.6194	3.24306	1
cg07085962	0.266633	1.37659	1.37659	0.000199512	0.178204	-5.61154	0.000355439	4.87111	4.87111	0.000677171	4.1987	4.1987	16.5935	20.0406	1.07354	1
cg06297155	0.0167432	0.809943	-1.23465	0.260607	0.918788	-1.08839	0.647901	0.967354	-1.03375	0.401019	0.939834	-1.06402	3.49759	0.288657	0.0733603	1
cg04429778	0.0120043	0.591479	-1.69068	0.0158655	1.64069	1.64069	0.00997134	1.72519	1.72519	0.851326	0.969045	-1.03194	7.49061	3.33191	0.395388	1
cg08388184	0.897744	1.01944	1.01944	0.0138231	1.577	1.577	0.00735778	0.596202	-1.67728	0.328544	0.859862	-1.16298	7.36924	2.61613	0.315561	1
cg26792398	0.0193021	0.71167	-1.40515	0.00152549	1.73065	1.73065	0.314433	0.882459	-1.1332	0.777724	1.0346	1.0346	9.63942	2.20571	0.203397	1
cg17423209	0.206029	0.747778	-1.3373	0.00611751	0.458598	-2.18056	0.920491	0.978481	-1.02199	0.00652752	0.462973	-2.15995	8.1819	6.15206	0.668365	1
cg16964533	0.0773233	0.401984	-2.48766	0.215904	1.83016	1.83016	0.00912232	4.65141	4.65141	0.98248	0.989861	-1.01024	4.93982	16.8495	3.03196	1
cg20313798	0.0911308	0.743029	-1.34584	0.00773831	1.72638	1.72638	0.400381	0.871621	-1.14729	0.0266279	0.657462	-1.521	4.4071	1.7783	0.358674	1
cg20042116	0.371771	1.2321	1.2321	0.00273378	2.56356	2.56356	0.0143487	1.98785	1.98785	0.723507	0.922335	-1.08421	4.29953	3.52756	0.729292	1
cg14796474	0.0233611	0.352658	-2.83561	0.24507	1.59636	1.59636	0.299675	1.51204	1.51204	0.329716	0.67914	-1.47245	3.90464	9.15083	2.08318	1
cg07466604	0.0921935	0.556672	-1.79639	0.149484	0.613594	-1.62974	0.902412	0.961975	-1.03953	0.21182	0.659898	-1.51539	3.40009	5.37833	1.40607	1
cg14357535	0.000134288	0.416058	-2.40351	0.00237419	0.570236	-1.75366	0.000123639	0.411719	-2.42884	0.000666773	0.501384	-1.99448	19.6285	5.46238	0.247367	1
cg23809645	0.00130075	0.356577	-2.80444	0.0528879	0.616056	-1.62323	0.00755231	2.13129	2.13129	0.0377801	0.588358	-1.69965	9.98535	7.66607	0.682428	1
cg20807790	0.0386449	0.402784	-2.48272	0.0206659	0.347137	-2.88071	0.796476	0.906531	-1.10311	0.00320374	0.21705	-4.60723	9.03755	20.6336	2.02942	1
cg02716646	0.698135	1.13225	1.13225	0.000172096	7.64454	7.64454	0.00391739	3.44661	3.44661	0.0774668	1.86914	1.86914	7.76599	12.4924	1.42987	1
cg09916783	0.00203787	0.133403	-7.49611	0.00474942	0.176048	-5.68027	0.0119016	0.233615	-4.28055	0.0597967	0.373866	-2.67475	7.35322	24.9896	3.02085	1
cg23598419	0.800671	0.95094	-1.05159	0.564005	0.890503	-1.12296	5.37E-05	4.47241	4.47241	0.371065	1.20037	1.20037	7.32107	4.58428	0.556601	1
cg09527270	0.00977403	0.126343	-7.91498	0.122295	0.346323	-2.88748	0.454588	0.617355	-1.61981	0.0610855	3.80566	3.80566	5.89075	37.4075	5.64463	1
cg11894631	0.00579554	0.392378	-2.54856	0.227384	0.720359	-1.3882	0.031606	0.520828	-1.92002	0.372066	0.788825	-1.26771	5.1558	5.47075	0.943187	1
cg24718866	0.64439	0.829629	-1.20536	0.31465	0.658461	-1.51869	0.000314447	10.4518	10.4518	0.555928	1.27044	1.27044	4.88435	12.4922	2.27343	1
cg17736230	0.133242	0.613266	-1.63061	0.00714906	0.350436	-2.85359	0.176706	1.54269	1.54269	0.700346	0.889818	-1.12382	4.67268	6.74407	1.28293	1
cg10045137	0.0135743	0.274309	-3.64553	0.0316091	2.90759	2.90759	0.0363265	2.80283	2.80283	0.484849	1.3507	1.3507	4.26791	12.1237	2.52504	1
cg03560973	0.0161102	0.233	-4.29184	0.559067	0.746565	-1.33947	0.926101	1.04696	1.04696	0.117239	2.32044	2.32044	4.17645	16.1879	3.44533	1
cg02757179	0.00278182	0.175803	-5.68817	0.382784	0.685702	-1.45836	0.419952	1.41534	1.41534	0.0155721	0.286368	-3.49201	4.14996	11.6805	2.50186	1
cg02079741	0.0372234	0.359882	-2.77869	0.611837	1.24142	1.24142	0.224143	0.582956	-1.7154	0.0374591	2.77408	2.77408	3.96365	11.2105	2.51408	1
cg13025668	0.874681	0.920984	-1.0858	0.0193959	0.22896	-4.36757	0.0102997	5.39796	5.39796	0.95014	1.03315	1.03315	3.89894	16.7951	3.82898	1
cg20387815	0.977977	1.01351	1.01351	0.0209867	0.259161	-3.85861	0.015962	4.1984	4.1984	0.872667	0.924971	-1.08112	3.78001	14.1552	3.32866	1
cg00293936	0.376318	0.929254	-1.07613	0.00743614	0.756843	-1.32128	2.39E-06	2.52554	2.52554	0.105628	0.866873	-1.15357	21.6156	2.23594	0.0919479	1
cg07833865	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20716455	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04036983	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16409843	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04089800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18885107	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21535065	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04821933	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Error)
cg03437912	PDMP	0.01692825	0.180566	-5.24753	0.153972	5.153534	-1.86799	2.492367	0.75285	-1.32829	0.274805	0.629642	-1.59833	0.01222962	0.280988	-3.55387	0.245198	4.609632	-1.64033	0.02212212	0.172314	-5.80335	0.0213454	0.324245	-3.08409	0.08735	0.46173	-2.15643	4.97649	13.0649	2.33362	1
cg18907770	PDMP	0.0198008	0.990071	1.00693	1.00693	1.504065	0.425361	-2.35095	0.0285179	0.238493	-4.193	0.103336	0.372268	-2.68624	0.0414015	0.0768167	-13.018		0.0398387	2.676598	-3.73555	0.0523927	0.293995	-3.40142	0.921782	0.946985	-1.05598	1.090636	0.0996337	0.162647	-4.16828	0.724058	22.9986	4.330651	1
cg18386632	PDMP PDMP1;PDMP1;PDMP1;PDMP1;PDMP	0.0476524	0.794345	0.936597	-1.06769	0.173849	1.43732	1.43732	0.0295425	1.90121	1.90121	0.187124	0.704278	-1.41989	0.368161	0.793127	-1.26083		0.0229871	0.50565	-1.97765	0.86423	0.957995	-1.04385	0.0695638	0.601132	-1.66353	0.0965722	1.58001	1.58001	3.45043	3.43566	0.885085	1
cg13751330	1 PDMP1;PDMP1;PDMP1;PDMP1;PDMP	0.00840491	0.132062	6.240555	-1.5575	0.13229	6.642249	-1.55703	0.00143963	0.284851	-3.51061	0.633484	1.13991	1.13991	0.0965319	0.379763	-2.63322		0.598056	0.865002	-1.15607	0.0102861	0.265546	-3.76582	0.246456	0.718644	-1.39151	0.0749018	0.582323	-1.71726	0.246178	1.35089	1.0461	1
cg14032734	1 PDMP1;PDMP1;PDMP1;PDMP1;PDMP	0.0126787	0.41394	0.707976	-1.41248	0.0173706	3.31271	3.31271	0.0319856	2.8265	2.8265	0.945634	0.972195	-1.0286	0.00681193	0.23466	-4.26149		0.0596335	0.415224	-2.40834	0.172904	0.548952	-1.82165	0.91105	0.954843	-1.04729	0.0142526	0.286511	-3.49027	5.47467	14.8251	2.40706	1
cg04981414	1;PDMP1	0.0250582	0.0465795	0.636067	-1.57216	0.0275339	1.67772	1.67772	0.0484721	1.56446	1.56446	0.0141164	0.54807	-1.82459	0.253752	1.26695	1.26695		0.153968	0.738595	-1.35392	0.667978	0.08944	1.08944	0.118758	1.40092	1.40092	0.616935	1.1053	1.1053	4.35371	2.7176	0.554847	1
cg21862081	PDMT2 PDMT2;GSTZ1;GSTZ1;GSTZ1;GSTZ1;GST	0.030692	0.0156011	0.174585	-5.72787	0.11253	0.361707	-2.76466	0.181603	0.434006	-2.30412	0.897887	0.927211	-1.0785	0.387345	0.593595	-1.68465		0.0403404	0.248058	-4.03132	0.00229972	0.0814413	-12.2788	0.843134	1.1237	1.1237	0.0253862	0.209268	-4.77856	4.05383	22.2454	4.87778	1
cg10036402	Z1 PDMT2;GSTZ1;GSTZ1;GSTZ1;GSTZ1;GST	0.00112437	0.4289669	1.07852	1.07852	0.819943	0.977934	-1.02256	0.127969	1.16656	1.16656	0.632257	1.04617	0.14617	0.142424	0.855708	-1.16862		0.000288657	1.73971	1.73971	0.027157	1.27749	1.27749	5.89E-05	2.00608	2.00608	0.450114	1.0747	1.0747	11.3811	1.5797	0.123378	1
cg02355508	Z1	0.0133847	0.0478452	0.72942	-1.37095	0.790993	0.963636	-1.03774	0.823019	0.969243	-1.03173	0.815195	1.03319	1.03319	0.0861072	0.767615	-1.30274		0.00398444	0.582856	-1.71569	0.0339813	0.708104	-1.41222	0.00930586	1.58423	1.58423	0.176973	1.22156	1.22156	5.3786	1.65666	0.273786	1
cg02570102	PDMP3;LOC100133091;PDMP3	0.00645085	0.0100253	0.634442	-1.57619	0.744665	0.969884	-1.03105	0.0537944	1.40866	1.40866	0.586546	0.947532	-1.05037	0.217602	1.12893	1.12893		0.688596	1.03838	1.03838	0.775322	0.9736	-1.02712	0.317712	0.907955	-1.10138	0.0885995	1.36794	1.36794	6.573583	0.939156	0.123057	1
cg15290881	PDMP3;LOC100133091;PDMP3	0.00718837	0.3084621	1.844914	-1.18355	0.0588616	0.505422	-1.97854	0.956551	1.342275	1.42705	0.909772	0.970955	-1.02705	0.754088	0.940668	-1.06316		0.0156313	0.143009	-2.43897	0.0404504	0.466806	-2.45817	0.951771	0.98833	-1.01186	0.374084	0.837084	-1.19462	0.50212	0.94727	0.534818	1
cg18170076	PDMP3;LOC100133091;PDMP3	0.0116736	0.0365421	0.494799	-2.02102	0.46641	0.806851	-1.23939	0.0280829	0.471825	-2.11943	0.0111413	0.397986	-2.51265	0.00256678	0.297973	-3.35601		0.00464592	0.336156	-2.97481	0.00513155	0.342839	-2.91682	0.110209	0.604057	-1.65547	0.0713996	0.558195	-1.79149	5.623353	7.46786	1.18041	1
cg25002968	PDMP3;LOC100133091;PDMP3	0.0234205	0.0205983	0.353334	-2.81425	0.156361	0.569797	-1.75501	0.0969928	0.5087	-1.96579	0.995014	1.00232	1.00232	0.0308932	0.390369	-2.56155		0.256946	0.644734	-1.55323	0.00309833	0.22283	-4.48722	0.00790909	0.297731	-3.35974	0.0210235	0.357098	-2.80935	4.45691	9.71396	1.93756	1
cg23055772	PDN1;PDN2	0.0437321	0.7427799	1.347257	2.1525E-07	0.945369	-1.18292	1.04E-05	0.208074	-3.35487	2.30E-05	0.337791	-2.9641	0.445028	0.9049468	1.05101		0.0375086	0.733766	-1.36283	0.000242679	0.450153	-2.17792	3.37E-05	0.356672	-2.8037	0.000158568	0.436767	-2.28955	26.74979	6.96862	0.215582	1
cg01874867	PDN1	0.000187554	5.10E-05	9.12649	9.12649	0.000817588	4.32495	4.32495	0.0960886	1.70322	1.70322	0.0971546	1.69977	1.69977	0.000190005	7.2885	7.2885		0.00037737	5.23704	5.23704	0.00580312	2.86605	2.86605	6.89E-05	8.33069	8.33069	0.0136022	2.43415	2.43415	18.6938	25.1391	1.19536	1
cg20119798	PDN1;PDN2	0.00720777	0.0746724	2.51328	2.51328	0.000758147	3.91065	3.91065	0.0593138	2.83269	2.83269	0.119037	0.606382	-1.57576	0.0018236	0.196236	5.170146		0.62509	0.876727	-1.14061	0.0656712	4.59572	4.59572	0.0046651	2.73188	2.73188	0.51932	0.899871	-1.19066	18.1822	20.5501	1.00465	1
cg07404485	PDN1;PDN2	0.00177547	0.1509607	0.687668	-1.45419	0.00161116	3.00182	3.00182	0.063106	0.601665	-1.66209	0.00910359	0.466915	-2.23756	0.00104193	0.307331	-3.25383		0.669079	0.900773	-1.11016	0.5437764	0.886126	-1.16109	0.004737	2.48879	2.48879	0.253486	0.74847	-1.33606	9.98142	9.33856	0.831639	1
cg17020263	PDN1;PDN2	0.00351236	0.0969937	0.642079	-1.55706	0.0172849	0.325547	-3.07075	0.0178376	0.324547	-3.08155	0.0170128	0.352082	-2.84107	0.00015823	0.205674	-4.86127		0.0481681	0.8318	-1.2021	0.0015855822	0.111052	-9.00476	0.0127833	0.607042	-1.64733	0.0128339	0.253334	-3.94756	8.16519	20.2581	2.77908	1
cg15887283	PDN1	0.00802248	0.00252653	0.0913137	-10.9513	0.0142993	0.17826	-5.60977	0.0538401	0.286591	-3.4893	0.83374	0.886925	-1.12749	0.000682496	0.0516916	-19.3455		0.851793	0.898731	-1.11268	0.0320426	0.238388	-4.19482	0.566593	0.718426	-1.39193	0.0265938	0.223057	-4.48316	6.338555	32.7159	4.58792	1
cg21856205	PDN1;PON1	0.0174203	0.00396152	4.27102	2.47102	0.0128243	3.1838	3.1838	0.230887	1.60144	1.60144	0.331103	1.45606	1.45606	0.435544	1.34726	1.34726		0.599581	1.21956	1.21956	0.0944917	1.9911	1.9911	0.00793748	3.58025	3.58025	0.149605	1.78402	1.78402	0.743728	8.39181	1.97637	1
cg22599760	PON2;PON2	0.00296016	7	7	7	0.0204028	0.199426	-5.01438	0.00808396	0.141307	-7.0768	0.760947	0.843076	-1.18618	7.27E-05	0.0155241	-64.4153		0.187744	0.446027	-2.2375	0.0572984	0.28921	-3.45769	0.641004	0.762675	-1.31117	0.810078	0.870317	-1.14901	8.78388	41.1563	4.68544	1
cg07666065	PON2;PON2	0.00363953	0.436927	1.13745	1.13745	0.0235229	1.55164	1.55164	0.00477742	1.83732	1.83732	0.342664	1.17207	1.17207	0.0666307	0.71606	-1.39653		0.000227267	2.70514	2.70514	0.572596	1.09701	1.09701	0.00931225	1.70868	1.70868	0.0807691	1.36956	1.36956	8.07864	3.37445	0.371289	1
cg26776175	PON2;PON2	0.00401005	0.32931	1.17919	1.17919	0.0978334	1.7465	1.7465	0.837733	1.03414	1.03414	0.372223	0.860738	1.16182	0.00217584	0.490542	-2.02207		0.00133937	0.466133	-2.14511	0.0230859	0.314152	-3.18234	0.0947452	0.986648	-1.0135	0.979346	0.995771	-1.00425	7.37936	3.51569	0.377352	1
cg18356732	PON2;PON2	0.00728889	0.315935	0.615578	-1.62449	0.0178936	0.164968	-8.00205	0.836097	0.90756	-1.10186	0.0345464	0.168955	3.16895	0.0217787	0.275675	3.62746		0.748704	1.1623	1.1623	0.0671333	0.216241	2.61241	0.00956073	0.465209	0.46509	0.7916	1.13193	1.13193	6.51232	22.6537	3.0827	1
cg01645436	PON2;PON2	0.0124991	0.692085	0.89392	-1.11867	0.0266991	0.477252	-2.09533	0.00120224	0.262778	-3.8055	0.572734	1.17417	1.17417	0.738676	1.09891	1.09891		0.862645	0.952455	-1.04992	0.00873539	2.563	2.563	0.736103	1.09998	1.09998	0.20652	0.68705	-1.4555	5.50017	6.91374	1.11734	1
cg01772563	PON2;PON2	0.00188375	0.4175621	1.159128	1.159128	0.0778241	1.15774	1.15774	0.0654183	1.26635	1.26635	0.0938138	2.83269	2.83269	0.0190317	2.1265	2.1265		0.6250978	0.876727	-1.14061	0.0656712	4.59572	4.59572	0.0046651	2.73188	2.73188	0.51932	0.899871	-1.19066	18.1822	20.5501	1.00465	1
cg13236881	PON2;PON2	0.01322045	0.00172396	0.0591487	-16.9065	0.0484595	0.240741	-4.15384	0.00748636	0.113381	-8.81969	0.252484	0.469621	-2.12938	0.00121208	0.435553	-2.29593		0.258141	0.474208	-2.10878	0.337968	0.535478	-1.86749	0.734642	0.806439	-1.24002	0.772797	1.20088	1.20088	3.98478	25.2335	5.62886	1
cg20036160	PON2;PON2	0.00888552	0.1542694	0.8356	-1.19648	0.0975396	0.31076	-3.21975	0.0197564	0.364636	-2.74311	0.0844196	0.846376	-1.18179	0.0014	0.0031469	-11.9005		0.0077016	0.577204	-1.73241	0.0127621	0.73841	-1.35441	0.0153388	0.816188	1.22511	0.0188488	0.818839	-1.22214	0.68284724	0.498384	0.266626	1
cg24714709	PON2;PON2	0.0396283	0.797037	1.05957	1.05957	0.0128367	2.0013	2.0013	0.209074	1.34619	1.34619	0.157969	0.712536	-1.40344	0.456422	0.8434418	1.18565		0.1488	1.706345	-1.41574	0.0077583	0.464099	-2.15471	0.988795	1.00316	1.00316	0.762858	1.0703	1.0703	3.69581	2.95053	0.709639	1
cg24750391	PON3	0.00010668	0.0171434	0.685331	-1.45915	0.00335239	1.68063	1.68063	0.939771	1.00088	1.00088	0.0632288	1.31225	1.31225	4.78E-05	0.3694	-2.70709		0.916043	0.986378	-1.01381	0.0018171	2.27864	2.27864	0.00127333	2.29322	2.29322	0.481503	0.91114	-1.09753	21.7607	5.83053	0.238168	1
cg18007983	PON3	0.00523132	0.6610451	1.1299	1.1299	0.0240428	1.19426	1.19426	0.204773	1.07022	-1.25467	0.252384	1.22473	1.22473	3.54E-05	0.2315059	-4.70358		0.0011899	0.440784	-2.2675	0.0572984	0.28921	-3.45769	0.641004	0.762675	-1.31117	0.810078	0.870317	-1.14901	8.78388	41.1563	4.68544	1
cg30329418	PON3	0.00097733	0.044523	2.05027	2.05027	0.00154099	4.12771	4.12771	0.713141	1.12177	1.12177	0.57211	0.837227	-1.19442	0.162292	0.628576	1.5909		0.627483	1.16437	1.16437	7.31E-05	9.43398	9.43398	0.000635575	5.11876	5.11876	0.0694046	1.88157	1.88157	11.8433	18.1655	1.3634	1
cg08461722	PON3	0.00152189	0.9256097	1.378341	1.378341	0.0976319	1.968545	1.968545	0.0124248	0.8088756	1.1922	0.0674321	0.833782	-1.1922	0.0674321	0.8088756	1.1922		0.409783	0.6031263	1.2814	0.0001637734	0.697883	1.43272	0.0001637734	0.697883	1.43272	0.0128953	0.4126	2.7506	2.424572	0.752144	0.166211	1
cg03031582	PON3	0.00821779	0.0624293	2.99012	2.99012	0.0213216	2.42534	2.42534	0.0839751	1.38975	1.38975	0.214774	0.201705	2.02207	0.0207228	0.258908	-2.58908		0.738375	1.19134	1.19134	0.00929283	2.81866	2.81866	0.00414593	2.74356	2.74356	0.0572119	1.07606	1.07606	6.29067	27.1781	3.84032	1
cg27431563	PON3	0.00937528	0.037452	4.01077	4.01077	0.00751342	7.23637	7.23637	0.106315	2.75808	2.75808	0.233942	0.04993	2.04993	0.0149	0.866175	1.10189	1.10189	0.754036	1.19819	1.19819	0.000664098	20.0438	20.0438	0.00307678	10.2878	10.2878	0.1354666	2.52344	2.52344	6.03353	31.6215	4.65863	1
cg25161512	PON3	0.00970257	0.0117153	0.525084	-1.90447	0.0127418	1.87636	1.87636	0.0933555	1.26635	1.26635	0.0938138	1.14527	1.14527	0.0261235	0.47659	-2.09837		0.0242312	0.215745	-4.63516	0.0161856	0.221678	2.72172	0.00116878	5.14203	5.14203	0.0201837	2.40089	2.40089	0.456971	1.10592	1.10592	0.26521	1
cg08167951	PON3	0.0102312	0.0407151	0.50784	0.5078	0.0397626	0.76	0.76	0.16	0.3852	0.0917171	0.82241	0.82241	0.125133	0.31592	0.31592	0.4069	0.31405	0.3405	0.3405	0.14	0.073035	0.43702	0.23702	0.0068778	0.42266	0.42266	0.00721881	0.22279	0.22279	0.0996	0.51641	0.56454	0.56454	1
cg27166921	PON3	0.0176876	0.5054641	1.1249	1.1249	0.0553	1.3	1.3	0.0	0.9	0.9	0.0	0.9	0.9	0.0	0.9	0.9		0.402023	0.73785	-1.35503	0.0008089	0.418014	0.4	0.0008089	0.418014	0.4	0.0162373	0.43617	1.63617	0.15637	0.41563	0.68544	1
cg11435506	PON3	0.0124637	0.0548423	3.58403	3.58403	0.0180628	3.38389	3.38389	0.12718	2.62988	2.62988	0.0852357	3.0507	3.0507	0.0475322	3.77559	3.77559		0.0229522	4.92694	4.92694	0.0010138	17.4251	17.4251	0.00377162	9.88862	9.88862	0.0754552	3.19015	3.19015	5.50525	29.9587	4.8372	1
cg22784187	PON3	0.0197134	0.372268	1.30985	1.30985	0.0288104	3.08064	3.08064	0.0637377	1.88659	-1.02125	0.261159	1.41244	1.41244	0.0607218	0.567807	-1.76118		0.0870863	1.74497	1.74497	0.0214666	1.48241	4.10834	0.00797051	1.80451	1.80451	0.739099	0.93107	-1.10718	4.72375	6.51502	1.22342	1
cg08898155	PON3	0.0207035	0.0694192	4.4772	4.4772	0.0118627	6.0549	6.0549	0.0104795	2.07245	2.07245	0.0807248	0.57	0.57	0.0	0.57	0.57		0.482575	1.68068	1.68068	0.0081094	2.08248	2.08248	0.0081094	2.08248	2.08248	0.0162373	0.43617	1.63617	0.15637	0.41563	0.68544	1
cg04080282	PON3	0.0282251	0.0494556	3.06348	3.06348	0.0143618	4.51394	4.51394	0.232577	1.8685	1.8685	0.203925	1.95343	1.95343	0.0440219	3.17606	3.17606		0.4069447	3.24826	3.24826	0.00237484	8.29818	8.29818	0.0213902	3.97796	3.97796	0.1382398	2.21864	2.21864	4.17598	16.4939	3.51086	1
cg07712856	PON3	0.0191715	0.1636428	1.5	1.5	0.0248059	2.93993	2.93993	0.0139272	1.71106	1.71106	0.0914946	1.85803	1.85803	0.0109297	2.71106	2.71106		0.0548104	4.90293	4.90293	0.0017599	13.3824	13.3824	0.0017599	13.3824	13.3824	0.0162373	0.43617	1.63617	0.15637	0.41563	0.68544	1
cg26457160	PON3	0.0302156	0.019168	2.10534	2.10534	0.0172861	3.44124	3.44124	0.205136	1.76781	1.76781	0.848135	1.39022	1.39022	0.0369021	2.82596	2.82596		0.112812	2.08673	2.08673	0.0031511	7.6592	7.6592	0.0839543	2.25914	2.25914	0.378309	1.46996	1.46996	4.07645	11.7264	2.557	1
cg04685210	PON3	0.0309232	0.0068609	5.05604	5.05604	0.0107735	2.70007	2.70007	0.521487	1.43198	1.43198	0.300912	1.80818	1.80818	0.0130597	3.05107	3.05107		0.405574	1.60055	1.60055	0.0014433	11.496	11.496	0.0143282	5.30473	5.30473	0.0494356	3.45212	3.45212	4.1043	9.55532	4.20893	1
cg25572015	PON3	0.01771106	0.061458	2.45602	2.45602	0.0242676	4.7384	4.7384	0.0445	1.58889	1.58889	0.164532	1.64004	1.64004	0.0326511	3.71866	3.71866		0.555578	1.6728866	1.6728866	0.0001548	14.4618	14.4618	0.0001548	14.4618	14.4618	0.0162373	0.43617	1.63617	0.15637	0.41563	0.68544	1
cg15927196	PON3	0.0192129	0.0224737	4.13901	4.13901	0.0534058	5.12693	5.12693	0.079477	2.74953	2.74953	0.0912712	2.60982	2.60982	0.168229	2.23855	2.23855		0.0402825	3.42481	3.42481	0.0243468	4.03219	4.03219	0.00572842	6.56703	6.56703	0.0393458	3.45093	3.45093	3.71016	15.8637	3.80067	1
cg15502865	PON3	0.0257016	0.0470472	3.54552	3.54552	0.0178545	5.19445	5.19445	0.0502951	1.40921	1.40921	0.170137	1.30935	1.30935	0.0149284	2.89103	2.89103		0.329832	2.00588	2.00588	0.0023242	12.8166	12.8166	0.0023242	12.8166	12.8166	0.0162373	0.43617	1.63617	0.15637	0.41563	0.68544	1
cg23230584	PON3	0.0436891	0.0369268	11.0883	11.0883	0.0630474	7.97198	7.97198	0.140048	4.83657	4.83657	0.115947	5.45362	5.45362	0.0734709	7.2522	7.2522		0.0696703	7.49465	7.49465	0.00486634	40.7002	40.7002	0.0190445	16.7411	16.7411	0.0491193	9.29906	9.29906	5.56468	55.6459	13.8759	1
cg08828819	PON3	0.0484267	0.0507103	8.74374	8.74374	0.0394506	10.1779	10.1779	0.20509	3.67733	3.67733	0.117396	5.24044	5.24044	0.0703902	7.00669	7.00669		0.0438041	9.55318	9.55318	0.0052285	31.2726	31.2726	0.0052285	31.2726	31.2726	0.0162373	0.43617	1.63617	0.15637	0.41563	0.68544	1
cg11713008	PDP1;HRS912;POP1;POP1	0.0346034	0.0227084	2.6058	2.6058	0.0236111	0.480075	-2.08301	0.109124	1.59165	1.59165	0.0624564	1.62264	1.62264	0.0117833	1.17833	1.17833	0.0293579	0.0603	0.0603	0.00033	0.0304083	0.3935	1.9315	0.0223333	2.70157	2.70157	0.393305	1.2619	1.2619	0.148269	1.51065	1.51065	3.8831	4.35221	0.996274	1
cg14377816	PDP1;POP1;HRS912;POP1	0.0134954	0.622904	0.857466	-1.16523	0.0104825	0.368076	-2.71683	0.000820217	0.209224	-4.77956	0.811406	1.07698	1.07698	0.358615	0.746118	-1.34027		0.0226261	0.44139	-2.26557	0.0135449	0.387506	-2.58061	0.651223	1.15165	1.15165	0.519564	0.816645	-1.22452	5.36412	8.17766	1.35512	1
cg15450160	PDP1;POP1;HRS912;POP1	0.041921	0.0212082	2.7092	2.7092	0.0248059	3.3393	3.3393	0.196272	1.71106	1.71106	0.0914946	1.65604	1.65604	0.0145615	1.75438	1.75438	0.0293579	0.0603	0.0603	0.00033	0.2377351	0.56045	1.78427	0.0223333	2.70157	2.70157	0.393305	1.2619	1.2619	0.148269	1.51065	1.51065	3.8831	4.35221	0.996274	1
cg13270404	PDP1;POP1;POP1;HRSP12	0.00211413	0.0680348	0.84232	-1.1872	0.273828	0.908814	-1.10034	0.840999	1.01701	1.01701	0.0104407	0.577012	-1.73307	0.56105	0.951846	-1.05059		0.055067	0.83007	-1.20038	0.0534376	1.2283	1.2283	0.0228437	1.25695	1.25695	0.0305296	1.23792	1.23792	9.48706	1.05935	0.0992554	1
cg14023453	PDP1;POP1;POP1;HRSP12	0.00221324	0.7503328	1.1243	1.1243	0.0197028	1.73427	1.73427	0.741655	0.90994	-1.10019	0.000137137	0.08716643	-11.4726	0.0132253	1.44779	1.44779		0.000934229	0.160849	-6.21702	0.0249296	0.672604	-2.68382	0.583188	1.22754	1.22754	0.4303782	1.36647	1.36647	9.36084	1.28955	1.32666	1
cg11741254	PDP1;POP1;POP1;HRSP12	0.00950482	0.127284	0.443142	-2.25561	0.23004	1.85626	1.85626	0.0897083	2.52463	2.52463	?	?	?	0.00454996	0.145016	-6.89578		0.231656	1.85184	1.85184	0.00439415	0.143134	-6.98645	?	?	?	0.0997676	0.409783	-2.44032	7.11929	20.4097	2.86681	1
cg16023306	PDP4;POP4	4.07E-05	0.209158	0.771513	-1.29615	0.0648652	0.621059	-1.61015	0.0216241	0.582481	-1.71679	0.00083196	0.373136	-2.67999	1.00E-06	0.0806449	-12.4		0.128115	1.38033	1.38033	0.0014289	0.45052	-2.46902	0.00281885	0.446551	-2.23938	8.60E-05	0.251169	-3.98139	28.10112	17.0892	0.540562	1
cg26987055	PDP4;POP4	0.00465582	0.0651933	0.343181	-2.8936	0.0505967	1.74246	1.74246	0.918316	0.969337	-1.0311	0.0123803	0.395227	-2.52764	0.568382	1.18713	1.18713		0.0133395	0.388808	0.388808	2.57077	0.0210721	2.2848	0.0033836	2.12203	2.12203	0.0284249	2.16044	2.16044	2.49078	10.5356	1.2487	1
cg26963285	PDP4;POP4	0.0152594	0.483475	0.89568	-1.11647	0.255655	0.832281	-1.20152	0.0155265	0.631793	-1.5828	0.128614	0.775623	-1.28929	0.019981	0.647648	-1.54405		0.426246	1.13393	1.13393	0.0028835	1.88514	1.88514	0.161927	0.793706	-1.25991	0.1978647	1.87466	-1.1433	5.15138	5.9568	0.336942	1
cg06781609	PDP4;POP4	0.018921	0.2142464	0.591306	-1.69125	0.0990133	0.270037	-3.7032	0.0457325	0.368288	-2.71561	0.330973	0.606257	-1.64963	0.0888407	0.261711	-3.82101		0.2042279	0.60843	-1.6708	0.0024696	0.293343	-3.40783	0.1440959	0.618083	-1.61791	0.4647938	0.72499	-1.37899	12.2129	6.2158	1.61803	1
cg25932217	PDP4;POP4	0.0393999	0.932796	0.983867	-1.01664	0.710291	0.74761	1.07461	0.0928113	0.700429	-1.42853	0.198425	0.769429	-1.29967	0.1121223	0.1766333	1.396		0.003656186	0.466936	-2.14162	0.0372155	1.559425	1.59425	0.788226	1.05329	1.05329	0.818532	1.04532

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N) vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N) vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1347 vs. N)	Fold-Change(1 347 vs. N) vs. N)	p-value(1477 vs. N)	Fold-Change(1 477 vs. N) vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N) vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N) vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N) vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N) vs. N)	F(Error
cg00729172	POTEF	0.00394426		0.00446423	2.04391	1.48255	0.911122	1.04675	1.04675	0.0746638	0.435457	2.29844	0.00767153	2.018206	4.18804	0.0165634	0.293634	3.4056		0.00262085	0.174404	-5.73382	0.000480718	0.10167	-9.83579	0.0270056	0.273477	-3.65562	0.0408249	0.390287	-2.56222	7.88676	21.8917	2.46765	1
cg18877558	POTEF	0.00833524		0.932346	1.02809	0.00724439	0.32287	-3.09723	0.0038122	0.280038	-3.57094	0.516417	0.806804	-1.23946	0.0163639	0.385144	2.59643		0.00236003	0.250556	-3.99113	0.073513	1.91758	1.91758	0.386467	0.748505	-1.336	0.721455	0.889756	-1.1239	6.26261	10.5601	1.49885	1
cg07221080	POTEF	0.00891136		0.698498	1.06102	1.06102	0.0169893	0.642131	-1.55731	0.00070085	0.455455	-2.19561	0.014692	0.633136	-1.57944	0.112341	0.768688	-1.30092		0.109063	0.766494	-1.30464	0.0889713	1.33039	1.33039	0.046359	0.706611	-1.41521	0.31348	0.853299	-1.17192	6.13164	2.24897	0.326027	1
cg09125794	POTEF;POTEF	0.0218074	0.0640994	0.599228	-1.66881	0.184958	1.41035	1.41035	0.001194	2.89335	-3.4089	0.381721	0.8039908	-1.24392	0.26539	0.75346	-1.32721		0.170547	0.69966	-1.42907	0.100805	0.6428789	-1.5555	0.536386	0.8589851	-1.1642	0.0959916	1.5661	1.5661	0.07612	4.62274	0.708311	1
cg06836619	POTEG;POTEG	0.00180175		0.00764049	0.506053	-1.97608	0.00214011	0.433109	-2.30766	0.00129536	0.403025	-2.48123	0.225303	0.781302	-1.28008	0.00134449	0.273344	-3.60564		0.154895	0.744397	-1.34437	0.175643	0.756372	-1.3221	0.0167293	0.567627	-1.76132	0.00403653	0.472935	2.11446	9.93798	0.592967	1
cg23531285	POTEH	0.00160335		0.361601	1.30917	1.30917	0.7800607	0.922734	-1.08376	0.00917258	0.386558	-2.58694	0.8170754	1.068883	1.06883	4.35E-05	0.10771		0.679969	0.88767	-1.12654	0.0167095	0.432459	-2.31236	0.247596	1.41518	1.41518	0.0150467	0.423834	-2.35941	10.2799	13.4853	1.16373	1
cg26076619	POTEH	0.00774883		0.00422525	1.75179	1.75179	0.00884828	0.613999	-1.62867	0.247595	0.83783	-1.19356	0.571681	1.08726	1.08726	0.027896	0.683651	-1.46273		0.963435	1.00673	1.00673	0.0624005	0.735649	-1.35934	0.0176141	1.52607	1.52607	0.113765	0.777355	-1.28641	6.47717	2.19783	0.301617	1
cg15668074	POTEH	0.00245771	0.597653	-1.67322	0.280626	0.179795	-1.85267	0.280626	-1.2022	0.0907364	0.606208	-1.64933	0.800851	0.963678	-1.03769	0.0268084	0.681136	-1.46814		0.0129322	0.636583	-1.57089	0.693179	0.937867	-1.06625	0.508893	0.900568	-1.10306	0.0196508	0.661948	-1.51069	4.7935	1.62669	0.301648	1
cg15130204	POTEH	0.04245		0.307268	0.667622	-1.49782	0.293664	0.374994	-1.66671	0.172562	0.574135	-1.74175	0.1529193	0.570557	1.79515	0.0594742	0.443477	-2.25491		0.46683	0.735035	-1.32713	0.0311336	2.02606	2.02606	0.0206239	0.617973	-1.61839	0.0407908	0.238522	1.43905	8.33704	2.05679	1
cg08711796	POTEH;POTEH	0.00606685		0.0382483	0.437258	-2.28698	0.0243336	0.396733	-2.52059	0.00481233	0.275664	-3.62761	0.250613	1.51213	1.51213	0.00267902	0.23937	-4.17764		0.774305	1.10411	1.10411	0.157308	0.559961	-1.68361	0.00560628	0.285715	-3.49999	0.0042281	0.26734	-3.74056	6.91546	12.9961	1.67047	1
cg08374403	POTEH;POTEH	0.0358176		0.10995	0.56208	-1.77963	-1.95349	0.0220796	-2.0548	0.0139252	0.0178	-5.61965	0.0178	0.154811	0.0859498	0.304401	0.26462		0.0199986	0.912723	-1.09564	0.0548552	0.438552	-2.28055	0.0144	0.0549	0.0144	0.0144	0.0144	-2.79399	3.8349	6.64047	1.53919	1
cg13362935	POUF2	0.00313082		0.0252352	2.18628	2.18628	0.00980537	0.621034	2.61104	0.0319947	2.09297	2.09297	0.491509	1.228	1.228	0.0636336	1.84588	1.84588		0.0567608	1.88484	1.88484	0.000101258	7.57553	7.57553	0.00220963	3.52864	3.52864	0.0643356	1.84218	1.84218	0.845026	11.564	1.21643	1
cg01213536	POU2F1	0.00725345		0.0400247	2.43027	2.43027	0.0201224355	0.53239	3.62339	0.0102238	3.48602	3.48602	0.110488	1.914466	1.914466	0.0218655	2.79342	2.79342		0.0084143	3.54044	3.54044	0.0019634	9.52301	9.52301	0.0015907	4.15398	4.15398	0.0102027	1.950886	1.950886	0.54207	14.4466	1.99629	1
cg18316498	POU2F1	0.00804515		0.0286	2.09797	2.09797	0.0196547	1.24476	-1.24476	0.0127954	2.42828	-2.42828	0.576636	1.17565	1.17565	0.0465368	1.59238	1.59238		0.0953675	1.69153	1.69153	0.000497637	4.77412	4.77412	0.0052267	2.8745	2.8745	0.1116292	1.63176	1.63176	0.6001	8.08286	1.15881	1
cg17390301	POU2F1;POU2AF1	0.00238077		0.185132	1.87958	1.87958	0.00545748	0.516184	0.0107559	0.426172	0.21672	0.210663	0.79362	1.79392	1.79392	0.0463765	0.358929	-2.78606		0.153212	1.98737	1.98737	0.000133301	19.5674	19.5674	0.0072221	4.74527	4.74527	0.2218746	1.78757	1.78757	0.176023	29.2622	2.83877	1
cg24049888	POU2F1;POU2AF1	0.03228889		0.135395	1.28717	1.28717	0.0275353	0.81604	1.34504	0.0709548	1.03058	1.03058	0.283258	1.683065	1.23494	0.0139444	1.31724	1.70141		0.104223	2.49197	2.49197	0.0013846	31.0831	31.0831	0.0013846	5.49193	5.49193	0.1381439	3.95484	3.95484	0.16553	17.7203	1.72007	1
cg13099374	POU2F1	0.00810734		0.0042489	0.204535	-4.88913	0.362164	0.677569	-1.47586	0.834484	0.916876	-1.09066	0.00231045	0.17107	-5.84557	9.73E-05	0.05651	-17.6937		0.000329049	0.0901999	-11.0865	0.00381473	0.198292	-5.04308	0.427242	0.714479	-1.39962	0.00324639	0.189105	-5.2851	12.4852	34.0151	2.42173	1
cg05790989	POU2F1	0.00479094		0.0482176	0.503831	-1.98473	0.454937	1.25997	1.25997	0.563308	1.19412	1.19412	0.775781	1.008507	1.00507	0.0031644	0.241875	-4.13437		0.0839162	0.559371	-1.78772	0.0050413	0.313252	-3.19201	0.0663012	0.942884	0.94284	0.0756072	0.548528	-1.82306	7.40473	10.8496	1.29786	1
cg13447454	POU2F1	0.00526037		0.0890912	0.214001	-4.67253	0.0168334	0.849155	-1.17754	0.443025	1.30303	1.30303	0.182941	1.82841	1.82841	0.013889	2.29399	2.29399		0.0205813	0.705451	-1.41753	0.0200306	0.34302	-2.91528	0.0199223	0.708991	0.708991	0.0224562	0.484259	-2.06393	7.22538	7.82222	0.992287	1
cg00296158	POU2F1	0.00656038		0.558096	1.07389	1.07389	0.0041225	1.58894	1.58894	0.7405	1.04081	1.04081	0.00791631	0.663698	-1.50671	0.0141479	0.694602	-1.43967		0.140269	0.826158	-1.21042	0.00419272	0.630238	-1.5867	0.148271	0.829732	-1.20521	0.0428538	0.907301	-1.10217	6.74997	1.54872	0.203948	1
cg15699623	POU2F1	0.00189145		0.00968793	0.737963	-1.35546	0.0207954	0.79541	-1.25657	0.0104855	0.593252	-1.68507	0.0884606	0.60134	-1.66252	0.0067218	0.70017	-1.42733		0.928165	0.990004	-1.00918	0.778449	1.0291	1.0291	0.0420442	0.928912	-1.07617	0.997676	1.37969	1.37969	0.144646	1		
cg21608489	POU2F2	0.00339482		0.503997	1.26234	1.26234	7.68E-05	11.7215	11.7215	0.676892	1.15485	1.15485	0.0103289	0.09454	3.03894	0.0188094	1.82339	1.82339		0.0680116	2.01814	2.01814	0.826846	0.927497	-1.07817	0.0896889	0.525845	-1.9017	0.281191	1.46932	1.46932	0.82884	15.4913	1.66167	1
cg07546616	POU2F2	0.00545102		0.7855648	1.04562	-1.06222	0.0350493	1.76284	1.76284	0.0439735	0.834245	0.834245	0.449736	1.144525	1.44535	0.0014599	2.94381	2.94381		0.0642802	1.59464	1.59464	0.0001405	15.9512	15.9512	0.0019654	2.16154	2.16154	0.0370075	1.7097	1.7097	0.79752	5.68303	1.01457	1
cg26005361	POU2F2	0.00813102		0.0239272	1.9511	1.9511	0.00536606	2.48317	2.48317	0.484719	1.1926	1.1926	0.0736623	1.63994	1.63994	0.0669307	1.66442	1.66442		0.1118896	1.53641	1.53641	0.000435174	3.97293	3.97293	0.0102916	2.23022	2.23022	0.0254147	1.93286	1.93286	0.63178	6.1515	0.866316	1
cg13990355	POU2F2	0.0213664	0.422915	4.29915	0.0122776	0.954854	0.95485	0.0829968	2.99277	2.99277	0.212352	2.11737	2.11737	0.00733508	7.19887	7.19887		0.0296909	4.31272	4.31272	0.0063909	3.14154	3.14154	0.0409084	0.09098	0.037583	3.12154	0.1148908	1.83184	1.83184	0.0863586	2.14277	2.14277	0.35795	22.6036	4.59148	1
cg18397073	POU2F2	0.01040949		0.0232772	2.18582	2.18582	0.0134195	1.76779	1.76779	0.0107645	0.731575	0.731575	0.0139765	1.608986	1.60898	0.0226864	2.02865	2.02865		0.0734726	1.92614	1.92614	0.0415714	3.91254	3.91254	0.1148908	1.83184	1.83184	0.0863586	2.14277	2.14277	0.35795	22.6036	4.59148	1
cg19335546	POU2F3	9.32E-05		0.0770084	1.25096	1.25096	0.37157	1.11012	1.11012	0.619812	0.944641	-1.0586	0.00124678	1.7109	1.7109	0.178044	1.177	1.177		0.371879	1.11005	1.11005	8.33E-07	4.47401	4.47401	0.0710562	1.25813	1.25813	0.1145533	2.21586	1.21586	22.5622	6.63355	0.182549	1
cg00316504	POU2F3	0.00316504		0.0489836	0.745119	-1.34207	0.0098074	0.95147	-1.05055	0.8875	0.213254	-4.68925	0.593002	1.327564	1.32756	0.0184475	2.70145	2.70145		0.0636129	-1.04027		0.449944	1.10599	1.10599	0.0673499	1.30766	1.30766	0.0548019	0.930562	-1.07534	19.4618	5.2777	0.2410151	1
cg17176575	POU2F3	0.00547147		0.0025906	0.620296	-1.61213	0.0160316	0.140103	0.311455	0.887107	-1.12726	0.198916	1.168	1.168	0.0149229	0.09384	0.09384		0.114416	1.21704	1.21704	0.466	0.445587	-2.24423	0.0013387	0.669063	1.69063	0.1553369	0.840436	-1.18997	13.9373	1.88858	0.184227	1
cg17563773	POU2F3	0.00947457		0.00107081	0.321543	-3.11001	0.04111982	0.575256	-1.71836	0.14627	0.693414	-1.44234	0.0310489	0.551967	-1.81117	0.00250851	0.373257	-2.67912		0.0811585	0.635366	-1.5739	0.026579	0.53952	-1.8535	0.0128524	0.484189	-2.06531	0.0241493	0.531196	-1.87984	6.01333	5.24893	0.775896	1
cg08356778	POU2F3	0.0173207		0.164845	1.32892	1.32892	0.0070709	2.52785	2.52785	0.0124005	0.580913	-1.72182	0.0491672	1.135006	1.13506	0.0014252	3.56045	3.56045		0.540288	1.23633	1.23633	0.0418668	2.39011	2.39011	0.0043008	3.8006	3.8006	0.16114	1.68878	1.68878	0.47527	13.2949	1.77284	1
cg11660146	POU2F3	0.00184192		0.875234	1.05414	1.05414	0.0143762	2.75237	2.75237	0.315297	0.703767	-1.42093	0.216479	1.54712	1.54712	0.0045235	3.13214	3.13214		0.0809998	1.05155	1.05155	0.343755	1.38358	1.38358	0.0023489	4.15553	4.15553	0.220562	1.54057	1.54057	0.14705	6.2441	1.585	1
cg13193455	POU2F3	0.00316505		0.375439	1.08984	1.08984	0.0159775	0.84936	0.84936	0.0116657	0.816687	-1.22437	0.0175297	0.816687	-1.22237	0.0174443	0.439736	-2.27413		0.1150656	1.08244	1.08244	0.2995	1.29	1.29	0.0013846	5.49193	5.49193	0.1381439	3.95484	3.95484	0.16553	17.7203	1.72007	1
cg17676760	POU2F3	0.00035803		0.678647	1.16419	1.16419	0.467546	1.30962	1.30962	0.747266	1.1522	1.1522	0.22162	0.625766	-1.59804	0.208939	0.61674	-1.62143		0.0011644	1.175524	-5.69723	0.468723	1.30866	1.30866	1.06E-05	31.0107	31.0107	0.0415299	2.35757	2.35757	15.6643	33.0332	1.8745	1
cg18451114	POU2F3	0.00078026		0.0183774	0.370911	-2.69607	0.554662	1.23019	1.23019	0.0126071	0.341191	-2.93091	0.763811	1.11012	1.11012	0.0253323	0.397859	-2.51345		0.0179932	2.70862	2.70862	0.0046165	0.997497	-1.07817	0.0896889	0.525845	-1.9017	0.281191	1.46932	1.46932	0.82884	15.4913	1.66167	1
cg06362615	POU2F3	0.00434004		0.0277354	1.76756	1.76756	0.0166427	1.12455	0.997757	0.0139716	1.09716	1.09716	0.0187627	0.459796	-2.20998	0.0012814	0.494077	-2.02353		0.0542627	1.99232	1.99232	0.0010774	0.00224193	0.159221	-1.92596	0.0083518	0.987765	-1.01239	0.730046	0.963584	-1.03797	1.3981	0.161457	1
cg18755829	POU2F3	0.0102197		0.000655358	0.528416	-1.89245	0.812515	0.971395	-1.02945	0.0383244	1.34068	1.34068	0.0434941	0.753086	-1.32787	0.661114	0.947544	-1.05536		0.0110231	0.677403	-1.47623	0.233784	0.859803	-1.16306	0.197831	0.846829	-1.18088	0.952868	0.992806	-1.00725	5.86964	1.38695	0.210038	1
cg00753481	POU2F3	0.0116963		0.4689	1.02215	1.02215	0.0284111	2.70526	2.70526	1.35582	0.444654	0.992057	-1.10858	7	7	0.1619362	2.82508	2.82508		0.934663	1.10182	1.10182	0.0108552	0.930493	-1.44824	0.0998043	0.432728	-2.31143	0.0893442	1.5417	1.5417	0.35315	8.24275	1.75235	1
cg22821908	PUM1;PUM2	1.11E-05		0.338184	0.874116	-1.14401	0.00578742	0.408475	-2.0658	0.937653	0.988396	-1.01072	0.181901	1.21299	1.21299	0.00293922	0.573155	-1.74473		0.0659362	-1.3264	-1.3264	0.00410714	0.591778	-1.68982	2.64E-07	0.80846	0.80846	0.006036	0.865536	-1.15537	29.515	11.6215	0.261426	1
cg25488697	PUM1;PUM2	0.00053496		0.472383	0.869732	-1.14978	0.04832236	1.53853	1.53853	0.332192	1.21049	1.21049	0.0212306	0.589274	-1.697	0.494448	0.879516	-1.14166		0.0315715	1.61829	1.61829	0.000781612	0.379038	-2.63826	4.27E-05	4.41569	4.41569	0.716927	0.932835	-1.072	14.0249	8.09894	0.513307	1
cg25609528	PUM1;PUM2	0.01628837		0.0172778	0.6207	-1.61128	0.0236727	0.690505	-1.44855	0.0129276	0.764454	-1.30864	0.0164146	1.510168	1.51017	0.0039696	0.662134	-1.51008		0.746208	0.469719	-2.12893	0.0004833	0.158811	-6.29816	0.0001736	0.160334	0.160334	0.0009343	0.142457	-7.36317	0.0394326	1.60734	0.217398	0.610334	-1.63845	0.15989	34.1204	2.60375	1
cg08599259	PUM1;PUM2	0.0176132		0.441309	0.58683	-1.70407	0.0742899	0.193151	0.0456754	0.87714	0.88734	0.852018	0.250134	0.217369	-4.60259	0.257275	0.461678	2.16601		0.457374	1.6714	1.6714	0.70806	1.28952	1.28952	0.0212598	0.32389	0.32389	0.226368	2.39658	2.39658	0.54921	19.0009	5.52411	1
cg20885339	PUM1;PUM2	0.00133705		0.462143	0.89299	-1.12002	0.0292	0.329	-1.13275	0.0239895	0.77292	0.772923	0.0188796	1.120886	1.12089	0.0227304	0.687799	-1.45384		0.0002033	1.73944	1.73944	0.0014436	0.540629	-1.84987	0.0095162	0.659934	0.659934	-1.51636	0.0011172	1.78977	0.0002664	13.3663	1.78977	1
cg02777885	PUM2	0.00205938		0.379782	0.93905	-1.06491	0.00918913	1.25968	1.25968	0.00642525	0.780808	-1.28072	0.141524	0.887094	-1.12728	0.800668	1.01782	1.01782		0.107098	1.13063	1.13063	0.0857366	1.14174	1.14174	0.0700451	1.15185	1.15185	0.000191446	1.55053	1.55053	0.56001	0.7376227	0.0685845	1
cg18405094	PUM2	0.00189304		0.0479159	1.34207	1.34207	0.0098074	0.95147	-1.05055	0.8875	0.213254	-4.68925	0.593002	1.327564	1.32756	0.0184475	2.70145	2.70145		0.449944	1.10599	1.10599	0.0673499	1.30766	1.30766	0.0548019	0.930562	-1.07534	19.4618	5.2777	0.2410151	1		
cg17176575	PUM2	0.00054741		0.0025906	0.620296	-1.61213	0.0160316	0.140103	0.311455	0.887107	-1.12726	0.198916	1.168	1.168	0.0149229	0.09384	0.09384		0.114416	1.21704	1.21704	0.466	0.445587	-2.24423	0.0013387	0.669063	1.69063	0.1553369	0.840436	-1.18997	13.9373	1.88858	0.184227	1
cg17563773	PUM2	0.00947457		0.00107081	0.321543	-3.11001	0.04111982	0.575256	-1.71836	0.14627	0.693414	-1.44234	0.0310489	0.551967	-1.81117	0.00250851	0.373257	-2.67912		0.0811585	0.635366	-1.5739	0.026579	0.53952	-1.8535	0.0128524	0.484189	-2.06531	0.0241493	0.531196	-1.87984	6.01333	5.24893	0.775896	1
cg08356778	PUM2	0.0173207		0.164845	1.32892	1.32892	0.0070709	2.52785	2.52785	0.0124005	0.580913	-1.72182	0.0491672	1.135006	1.13506	0.0014252	3.56045	3.56045		0.540288	1.23633	1.23633	0.0418668	2.39011	2.39011	0.0043008	3.8006	3.8006	0.16114	1.68878	1.68878	0.47527	13.2949	1.77284	1
cg11660146	PUM2	0.00184192		0.875234	1.05414	1.05414	0.0143762	2.75237	2.75237	0.315297	0.703767	-1.42093	0.216479	1.54712	1.54712	0.0045235	3.13214	3.13214		0.0809998	1.05155	1.05155	0.343755	1.38358	1.38358	0.0023489	4.15553	4.15553	0.220562	1.54057	1.54057	0.14705	6.2441	1.585	1
cg13193455	PUM2	0.00316505		0.375439	1.08984	1.08984	0.0159775	0.84936	0.84936	0.0116657	0.816687	-1.22437	0.0175297	0.816687	-1.22237	0.0174443	0.439736	-2.27413		0.1150656	1.08244	1.08244	0.2995	1.29	1.29	0.0013846	5.49193	5.49193	0.1381439	3.95484	3.95484	0.16553	17.7203	1.72007	1
cg19769760	PUM1	0.00035803		0.678647	1.16419	1.16419	0.467546	1.30962	1.30962	0.747266	1.1522	1.1522	0.22162	0.625766	-1.59804	0.208939	0.61674	-1.62143		0.0011644	1.175524	-5.69723	0.468723	1.30866	1.30866	1.06E-05	31.0107	31.0107	0.0415299	2.35757	2.35757	15.6643	33.0332	1.8745	1
cg18451114	PUM1	0.00078026		0.0183774	0.370911	-2.69607	0.554662	1.23019	1.23019	0.0126071	0.341191	-2.93091	0.763811	1.11012	1.11012	0.0253323	0.397859	-2.51345		0.0179932	2.70862	2.70862	0.0046165	0.997497	-1.07817	0.0896889	0.525845	-1.9017	0.281191	1.46932	1.46932	0.82884	15.4913	1.66167	1
cg06362615	PUM1	0.00434004		0.0277354	1.76756	1.76756	0.0166427	1.12455	0.997757	0.0139716	1.09716	1.09716	0.0187627	0.459796	-2.20998	0.0012814	0.494077	-2.02353		0.0542627	1.99232	1.99232	0.0010774	0.00224193	0.159221	-1.92596	0.0083518	0.987765	-1.01239	0.730046	0.963584	-1.03797	1.3981	0.161457	1
cg18755829	PUM1	0.0102197		0.000655358	0.528416	-1.89245	0.812515	0.971395	-1.02945	0.0383244	1.34068	1.34068	0.0434941	0.753086	-1.32787	0.661114	0.947544	-1.05536		0.0110231	0.677403	-1.47623	0.233784	0.859803	-1.16306	0.197831	0.846829	-1.18088	0.952868	0.992806	-1.00725	5.86964	1.38695	0.210038	1
cg00753481	PUM1	0.0116963		0.4689	1.02215	1.02215	0.0284111	2.70526	2.70526	1.35582	0.444654	0.992057	-1.10858	7	7	0.1619362	2.82508	2.82508		0.934663	1.10182	1.10182	0.0108552	0.930493	-1.44824	0.0998043	0.432728	-2.31143	0.0893442	1.5417	1.5417	0.35315	8.24275	1.75235	1
cg22821908	PUM1;PUM2	1.11E-05		0.338184	0.874116	-1.14401	0.00578742	0.408475	-2.0658	0.937653	0.988396	-1.01072	0.181901	1.21299	1.21299	0.00293922	0.573155	-1.74473		0.0659362	-1.3264	-1.3264	0.00410714	0.591778	-1.68982	2.64E-07	0.80846	0.80846	0.006036	0.865536	-1.15537	29.515	11.6215	0.261426	1
cg25488697	PUM1;PUM2	0.00053496		0.472383	0.869732	-1.14978	0.04832236	1.53853	1.53853	0.332192	1.21049	1.21049	0.0212306	0.589274	-1.697	0.494448	0.879516	-1.14166		0.0315715	1.61829	1.61829	0.000781612	0.379038	-2.63826	4.27E-05	4.41569	4.41569	0.716927	0.932835	-1.072	14.0249	8.09894	0.513307	1
cg25609528	PUM1;PUM2	0.01628837		0.0172778	0.6207	-1.61128	0.0236727	0.690505	-1.44855	0.0129276	0.764454	-1.30864	0.0164146	1.510168	1.51017	0.0039696	0.662134	-1.51008		0.746208	0.469719	-2.12893	0.0004833	0.158811	-6.29816	0.0001736	0.160334	0.160334	0.0009343	0.142457	-7.36317	0.0394326	1.60734	0.217398	0.610334	-1.63845	0.15989	34.1204	2.60375	1
cg08599259	PUM1;PUM2	0.0176132		0.441309	0.58683	-1.70407	0.0742899	0.193151	0.0456754	0.87714	0.88734	0.852018	0.250134	0.217369	-4.60259	0.257275	0.461678	2.16601		0.457374	1.6714	1.6714	0.70806	1.28952	1.28952	0.0212598	0.32389	0.32389	0.226368	2.39658	2.39658	0.54921	19.0009	5.52411	1
cg20885339	PUM1;PUM2	0.00133705		0.462143	0.89299	-1.12002	0.0292	0.329	-1.13275	0.0239895	0.77292	0.772923	0.0188796	1.120886	1.12089	0.0227304	0.687799	-1.45384		0.0002033	1.73944	1.73944	0.0014436	0.540629	-1.84987	0.0095162	0.659934	0.659934	-1.51636	0.0011172	1.78977	0.0002664	13.3663	1.78977	1
cg02777885	PUM2	0.00205938		0.379782	0.93905	-1.06491	0.00918913	1.25968	1.25968	0.00642525	0.780808	-1.28072	0.141524	0.887094	-1.12728	0.800668	1.01782	1.01782		0.107098	1.13063	1.13063	0.0857366	1.14174	1.14174	0.0700451	1.15185	1.15185	0.000191446	1.55053	1.55053	0.56001	0.7376227	0.0685845	1
cg18405094	PUM2	0.00189304		0.0479159	1.34207	1.34207	0.0098074	0.95147	-1.05055	0.8875	0.213254	-4.68925	0.593002	1.327564

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09852955	PPAN-P2RY11;P2RY11;PPAN	0.00434634	0.000782753	0.130167	-7.68244	0.00350485	0.203979	-4.90247	0.00239597	0.182986	-5.46491	0.00451374	0.218876	-4.5688	0.103187	0.488929	-2.04529	0.0571788	0.42158	-2.37203	0.11403	0.501519	-1.99394	0.255329	0.620826	-1.61076	0.00370232	0.207142	-4.82762	7.65794	19.5433	2.26847	1
cg07909274	PPAN-P2RY11;P2RY11;PPAN	0.0430653	0.156983	0.770768	-1.29741	0.0151394	0.598496	-1.67086	0.00716208	0.550307	-1.81717	0.735385	1.06009	1.06009	0.0459448	0.674697	-1.48215	0.109055	0.740378	-1.35066	0.315313	1.19554	1.19554	0.565317	0.904857	-1.10515	0.0782136	0.714221	-1.40013	3.58383	1.67942	0.416544	1
cg15854703	PPAN-P2RY11;PPAN;SNORD105B	0.00243842	0.0391026	0.634824	-1.57524	0.0183505	1.72397	1.72397	0.394725	0.847139	-1.18044	0.561593	0.894316	-1.11817	6.98E-05	0.251081	-3.98278	0.357617	0.835237	-1.19726	0.249749	1.25723	1.25723	0.416044	1.17139	1.17139	0.122209	0.727036	-1.37545	9.09854	5.21891	0.509865	1
cg11224972	PPAN-P2RY11;PPAN;SNORD105B	0.012988	0.00586331	0.341211	-2.93074	0.00406101	0.316591	-3.15865	0.00981187	0.377829	-2.6467	0.0129241	0.398512	-2.50934	0.798097	1.07942	1.07942	0.300206	1.37723	1.37723	0.89103	0.959956	-1.04171	0.125961	0.610395	-1.63828	0.0726913	0.550468	-1.81664	5.43178	7.64696	1.25139	1
cg15155768	PPAN-P2RY11;SNORD105;PPAN	0.00308854	0.0798897	0.665031	-1.50369	0.408188	1.19432	1.19432	0.125249	1.41667	1.41667	0.134252	1.4035	1.4035	0.993192	0.998211	-1.00179	0.00184572	0.395315	-2.52963	?	?	?	0.029496	0.583877	-1.71269	0.00055001	0.324242	-3.08411	8.67325	5.37984	0.62028	1
cg13946500	PPAN-P2RY11;SNORD105;PPAN	0.00607547	0.159367	0.875151	-1.14266	0.504501	1.0619	1.0619	0.000386492	1.65216	1.65216	0.0719311	1.195	1.195	0.609513	1.04674	1.04674	0.453727	0.934559	-1.07002	0.0215272	0.782832	-1.27741	0.0664563	1.20024	1.20024	0.0559537	1.21168	1.21168	6.91243	0.860938	0.110711	1
cg17966071	PPAN-P2RY11;SNORD105B;PPAN	9.67E-05	0.0408181	0.504892	-1.98062	0.135365	0.627579	-1.59342	0.000633467	0.218807	-4.57023	0.000397708	0.195589	-5.11276	1.11E-05	0.0668329	-14.9627	6.94E-05	0.122	-8.1967	6.72E-05	0.120882	-8.27253	0.0233748	0.45651	-2.19053	0.00252338	0.29706	-3.36632	22.3425	29.6464	1.17947	1
cg06713830	PPAN-P2RY11;SNORD105B;PPAN	0.000637024	0.000716271	0.181653	-5.50501	0.100537	0.551145	-1.8144	0.00312775	0.262353	-3.81165	0.0104292	0.343718	-2.90936	8.36E-05	0.0959168	-10.4257	0.000244977	0.13439	-7.44103	0.00145417	0.218031	-4.5865	0.218917	0.651681	-1.53449	0.0238645	0.409488	-2.44207	13.3587	23.2035	1.54396	1
cg20149741	PPAN;PPAN-P2RY11	0.0328586	0.0386468	0.680445	-1.46963	0.2977	0.840683	-1.18951	0.397691	0.870048	-1.14936	0.823752	0.964776	-1.03651	0.0977184	0.746715	-1.3392	0.0575528	0.708046	-1.41234	0.010466	0.5957	-1.6787	0.016676	0.625115	-1.59971	0.0633118	1.39894	1.39894	3.95615	1.61913	0.363795	1
cg23098529	PPAN;PPAN-P2RY11	0.0457785	0.026162	0.105376	-9.48984	0.0132559	0.0729558	-13.7069	0.0542339	0.155178	-6.4442	0.808298	0.812766	-1.23037	0.0836307	0.19534	-5.11927	0.193968	0.309714	-3.22879	0.00638742	0.048474	-20.6296	0.185371	0.301854	-3.31286	0.0682931	0.175357	-5.70264	3.50293	40.3549	10.2403	1
cg00126995	PPAP2A;PPAP2A	0.0069967	0.0165624	2.05344	2.05344	0.00370355	0.381344	-2.6223	0.503275	0.846215	-1.18173	0.144574	0.680295	-1.46995	0.049592	1.73443	1.73443	0.172955	1.42832	1.42832	0.0810464	0.621568	-1.60883	0.00459129	0.395546	-2.52815	0.822466	0.946255	-1.0568	6.61609	6.33194	0.850712	1
cg22586884	PPAP2A;PPAP2A	0.00951697	0.0347169	2.12387	2.12387	0.00819355	0.35518	-2.81547	0.194009	0.656744	-1.52266	0.016714	2.44444	2.44444	0.0170018	0.410454	-2.43633	0.225098	0.677161	-1.47675	0.0132643	0.39099	-2.55761	0.972748	0.989602	-1.01051	0.576894	1.18823	1.18823	6.00478	8.90366	1.31801	1
cg08721652	PPAP2A;PPAP2A	0.011341	0.0427094	0.461762	-2.16562	0.00391087	0.276267	-3.61969	0.00655415	0.310455	-3.22108	0.0525711	0.48192	-2.07503	0.00233336	0.24471	-4.08647	0.20274	0.64057	-1.56111	0.69597	0.878033	-1.13891	0.278704	0.688628	-1.45216	0.00668324	0.311801	-3.20717	5.67633	9.86249	1.54442	1
cg02707593	PPAP2A;PPAP2A	0.0181267	0.035016	1.89715	1.89715	0.490986	0.833294	-1.20006	0.0230893	0.492512	-2.03041	0.975285	1.00811	1.00811	0.00317313	0.349716	-2.85946	0.0791407	1.6622	1.6622	0.171662	0.684313	-1.46132	0.458599	1.21742	1.21742	0.204842	0.70557	-1.41729	4.86364	5.2347	0.956704	1
cg17456522	PPAP2A;PPAP2A	0.0207129	0.866567	0.95279	-1.04955	0.602915	0.859906	-1.16292	0.0966378	0.591841	-1.68964	0.189756	0.670707	-1.49096	0.0034383	0.318934	-3.13544	0.057132	1.85696	1.85696	0.201571	1.47378	1.47378	0.242683	0.703556	-1.42135	0.0104088	0.395447	-2.52878	4.64881	6.08906	1.16428	1
cg25924761	PPAP2A;PPAP2A	0.0325717	0.199531	1.37815	1.37815	0.42982	0.826376	-1.2101	0.587775	1.13827	1.13827	0.829215	1.05245	1.05245	0.0264007	1.8645	1.8645	0.332676	0.789403	-1.26678	0.00178706	2.86311	2.86311	0.215881	0.734763	-1.36098	0.450038	1.19978	1.19978	3.96862	3.51961	0.788319	1
cg17033118	PPAP2A;PPAP2A;PPAP2A;RNF138P1;PPAP2A	0.00318873	0.384247	0.893559	-1.11912	0.550452	0.926624	-1.07919	0.0189619	1.43103	1.43103	0.338885	1.13242	1.13242	0.145515	0.821061	-1.21794	0.384365	1.11909	1.11909	8.80E-05	0.412078	-2.42672	0.383732	1.11926	1.11926	0.333932	1.13396	1.13396	8.40428	2.11816	0.22403	1
cg01851672	PPAP2A;PPAP2A;RNF138P1	0.0215006	0.0550592	1.6599	1.6599	0.116691	1.4875	1.4875	0.00243394	2.67251	2.67251	0.00866202	2.18059	2.18059	0.547114	1.15251	1.15251	0.162127	0.706288	-1.41585	0.617031	0.889181	-1.12463	0.410058	1.21685	1.21685	0.0743808	1.58906	1.58906	4.58991	3.94541	0.764073	1
cg07862423	PPAP2A;PPAP2A;RNF138P1	0.037685	0.092478	1.54967	1.54967	0.0797305	1.58414	1.58414	0.0571916	1.66365	1.66365	0.0875386	1.56236	1.56236	0.0163071	0.49918	-2.00328	0.676552	1.10434	1.10434	0.0746406	0.625131	-1.59967	0.314078	1.27928	1.27928	0.618312	0.887957	-1.12618	3.76458	3.3369	0.787905	1
cg08776820	PPAP2A;PPAP2A;SKIV2L2	0.00631912	0.0514575	1.79298	1.79298	0.00169705	0.307063	-3.25666	0.00927235	0.419187	-2.38557	0.743264	1.09041	1.09041	0.0493207	1.80546	1.80546	0.321425	1.30965	1.30965	0.0161368	2.17092	2.17092	0.298666	0.753009	-1.328	0.868127	1.04473	1.04473	6.82886	7.50011	0.976264	1
cg24108724	PPAP2A;RNF138P1;PPAP2A	0.00597377	0.379596	0.804812	-1.24253	0.000128818	0.201225	-4.96955	0.0676327	0.610658	-1.63758	0.440482	1.20866	1.20866	0.393346	0.810062	-1.23447	0.524632	0.856137	-1.16804	0.0857445	0.632859	-1.58013	0.487364	1.18529	1.18529	0.111477	1.51837	1.51837	6.94855	6.3871	0.817065	1
cg15710789	PPAP2A;RNF138P1;PPAP2A	0.0307228	0.582736	1.21397	1.21397	0.469107	1.29354	1.29354	0.0210623	2.63693	2.63693	0.00721034	0.297651	-3.35964	0.968418	0.98626	-1.01393	0.68437	0.866911	-1.15352	?	?	?	?	?	?	0.0628772	0.481288	-2.07776	4.20507	6.32548	1.71915	1
cg11682697	PPAP2B;PPAP2B	0.00042006	0.000865446	0.319111	-3.13371	0.0319523	0.563142	-1.77575	0.00334195	0.401556	-2.49031	0.481842	0.849317	-1.17742	0.000620887	0.300259	-3.33046	0.0072415	0.453117	-2.20693	8.03E-05	0.196604	-5.08638	0.00794593	2.17608	2.17608	0.0981734	0.660723	-1.51349	14.9964	12.3966	0.734788	1
cg13320211	PPAP2B;PPAP2B	0.00629764	0.00170051	0.217655	-4.59443	0.077534	0.512983	-1.94938	0.194949	0.627254	-1.59425	0.557282	0.817152	-1.22376	0.0309744	0.422447	-2.36716	0.0115496	0.341458	-2.92862	0.00149448	0.210621	-4.74786	0.0585402	2.069	2.069	0.281986	0.683608	-1.46283	6.83606	12.5311	1.62941	1
cg12084062	PPAP2B;PPAP2B	0.0161661	0.0811449	1.17242	1.17242	0.893113	1.01112	1.01112	0.0658668	1.18504	1.18504	0.139937	1.13957	1.13957	0.545787	1.05158	1.05158	0.0735153	0.848617	-1.17839	0.0185373	1.26479	1.26479	0.567463	0.953566	-1.04869	0.00125402	1.47345	1.47345	5.05359	0.541682	0.0952778	1
cg23723818	PPAP2B;PPAP2B	0.0189675	0.00318592	0.371986	-2.68827	0.379325	0.801354	-1.24789	0.36311	0.794927	-1.25798	0.242047	1.35074	1.35074	0.00824647	0.43621	-2.29247	0.15467	1.45359	1.45359	0.771925	1.07397	1.07397	0.0933443	1.57335	1.57335	0.233547	0.73589	-1.3589	4.78983	4.57367	0.848774	1
cg20325850	PPAP2B;PPAP2B	0.0344245	0.0425707	3.38256	3.38256	0.10645	2.50939	2.50939	0.473991	1.46236	1.46236	0.0462061	3.2939	3.2939	0.0130019	4.99533	4.99533	0.136572	2.30957	2.30957	0.00607843	6.48559	6.48559	0.0215999	4.22002	4.22002	0.0292126	3.82285	3.82285	3.89038	16.7833	3.83471	1
cg00117825	PPAP2B;PPAP2B	0.0383928	0.546605	1.18794	1.18794	0.0669116	0.559997	-1.78572	0.719468	1.10718	1.10718	0.0496494	1.8817	1.8817	0.0656222	0.558085	-1.79184	0.0179544	2.25193	2.25193	0.166502	1.51655	1.51655	0.0360629	1.99023	1.99023	0.518823	1.20278	1.20278	3.73904	4.71905	1.12187	1
cg16505550	PPAP2B;PPAP2B	0.0406962	0.0579233	0.375812	-2.6609	0.0922501	0.429118	-2.33036	0.439598	0.697775	-1.43313	0.0759419	0.405894	-2.4637	0.0270931	0.302852	-3.30194	0.0670743	0.391796	-2.55235	0.00291171	0.154471	-6.47372	0.0270425	0.30269	-3.30371	0.305689	0.616192	-1.62287	3.65978	12.0806	2.93414	1
cg18590870	PPAP2B;PPAP2B;PPAP2B	0.0174465	0.0136556	2.89642	2.89642	0.00739965	3.35798	3.35798	0.0221923	2.58798	2.58798	0.109698	0.5513	-1.81389	0.825285	1.07736	1.07736	0.531058	0.80718	-1.23888	0.0884915	0.525728	-1.90213	0.632036	1.17673	1.17673	0.0278071	2.4588	2.4588	5.51027	9.6986	1.36896	1
cg05413451	PPAP2B;PPAP2B;PPAP2B;PPAP2B	0.0186624	0.0853578	1.18431	1.18431	0.939879	1.00673	1.00673	0.4405	1.07247	1.07247	0.0182354	1.29033	1.29033	0.0427137	1.23059	1.23059	0.00406963	1.40915	1.40915	0.0184594	0.775529	-1.28944	0.485524	1.06506	1.06506	0.176921	1.13617	1.13617	4.81613	0.603427	0.111371	1
cg06334284	PPAP2B;PPAP2B;PPAP2B;PPAP2B	0.0309215	0.419352	1.15431	1.15431	0.115371	0.742513	-1.34678	0.00322206	0.497045	-2.01189	0.47416	1.13496	1.13496	0.676506	1.07571	1.07571	0.3455	0.844528	-1.18409	0.0196334	0.612444	-1.6328	0.0396754	0.661191	-1.51242	0.494797	1.12814	1.12814	4.04308	1.93695	0.425848	1
cg13586115	PPAP2C;PPAP2C	0.021916	0.0500998	0.506897	-1.97279	0.738764	1.10716	1.10716	0.500451	1.23124	1.23124	0.296851	1.38955	1.38955	0.0052032	0.325762	-3.06973	0.114619	0.593381	-1.68526	0.00332858	0.296531	-3.37232	0.643543	1.15227	1.15227	0.437187	0.785786	-1.27261	4.55992	6.68134	1.30243	1
cg16691033	PPAP2C;PPAP2C;PPAP2C	5.79E-05	1.44E-05	0.246496	-4.05685	0.0457928	1.42644	1.42644	0.051517	0.709046	-1.41035	0.0603247	1.38906	1.38906	1.37E-05	0.244047	-4.09758	0.0584941	0.717777	-1.39319	0.000409726	0.418714	-2.38827	0.0855932	1.34281	1.34281	0.406723	1.14072	1.14072	25.6091	9.76	0.338768	1
cg08438837	PPAP2C;PPAP2C;PPAP2C	7.10E-05	0.109852	0.759229	-1.31713	0.00116705	2.12407	2.12407	0.0922301	0.746097	-1.34031	0.466653	1.1242	1.1242	0.00136726	0.479872	-2.08389	0.285412	0.839163	-1.19166	1.58E-06	0.147651	-6.77272	0.890079	0.978383	-1.02209	0.95589	0.991296	-1.00878	24.2603	9.59705	0.351633	1
cg14319773	PPAP2C;PPAP2C;PPAP2C	0.000681751	0.00275584	0.339312	-2.94714	0.00208177	3.10762	3.10762	0.0915797	1.62601	1.62601	0.373238	1.27023	1.27023	0.000101399	0.164925	-6.06338	0.0902752	0.613551	-1.62986	0.00716768	0.403132	-2.48058	0.429235	1.23512	1.23512	0.359151	0.781354	-1.27983	13.1076	14.2152	0.964006	1
cg27158572	PPAP2C;PPAP2C;PPAP2C	0.00164889	0.309978	1.32777	1.32777	0.0157616	2.2219	2.2219	0.0861487	1.66806	1.66806	0.17644	1.47373	1.47373	0.000136752	0.168551	-5.93291	0.0311424	0.505317	-1.97896	0.26706	1.36618	1.36618	0.0128673	2.30128	2.30128	0.263426	0.730082	-1.36971	10.1974	11.7604	1.02513	1
cg02935627	PPAP2C;PPAP2C;PPAP2C	0.00174168	0.048275	1.64267	1.64267	0.0579942	0.62421	-1.60202	0.00217601	2.57486	2.57486	0.0622796	1.58649	1.58649	0.903266	1.0271	1.0271	0.34392	1.23913	1.23913	0.000177409	0.247249	-4.0445	0.152755	0.714062	-1.40044	0.746165	1.07404	1.07404	10.0371	7.68811	0.680858	1
cg27370573	PPAP2C;PPAP2C;PPAP2C	0.00220866	0.0160418	0.389655	-2.56637	0.19479	1.55049	1.55049	0.802953	0.923162	-1.08323	0.157003	1.62256	1.62256	0.00151302	0.23196	-4.31109	0.0690976	0.52183	-1.91633	0.000161102	0.127383	-7.85035	0.379999	1.33373	1.33373	0.28568	0.701464	-1.42559	9.36652	15.1694	1.43959	1
cg09908879	PPAP2C;PPAP2C;PPAP2C	0.00270133	0.878055	0.99015	-1.00995	0.343885	1.06487	1.06487	0.00233171	1.31524	1.31524	0.167449	0.909498	-1.09951	0.000815617	1.3845	1.3845	0.00536095	1.2667	1.2667	0.00372236	1.28736	1.28736	0.0854491	0.884646	-1.1304	0.674679	1.02759	1.02759	8.82811	0.581086	0.0585087	1
cg24452451	PPAP2C;PPAP2C;PPAP2C	0.00710221	0.029581	0.198246	-5.04424	0.227896	2.22462	2.22462	0.643491	0.744953	-1.34237	0.0450349	4.27593	4.27593	0.00865934	0.120736	-8.28256	0.0508645	0.245305	-4.07656	0.000963207	0.0448106	-22.3161	0.596001	0.713183	-1.40216	0.0546569	0.252324	-3.96316	6.58527	41.624	5.61846	1
cg24192559	PPAP2C;PPAP2C;PPAP2C	0.007584	0.00718923	0.195753	-5.10849	0.0175735	3.88864	3.88864	0.559455	1.31971	1.31971	0.776666	1.14302	1.14302	0.00102714	0.101584	-9.84411	0.124609	0.457722	-2.18473	0.11317	0.444708	-2.24867	0.52209	1.35657	1.35657	0.112729	0.44419	-2.25129	6.45145	22.5738	3.11024	1
cg03521736	PPAP2C;PPAP2C;PPAP2C	0.00921939	0.000269703	0.549579	-1.81957	0.0274353	0.770007	-1.29869	0.633375	1.04932	1.04932	0.139036	0.852543	-1.17296	0.0303044	0.774818	-1.29063	0.323146	0.90281	-1.10765	0.191568	1.14857	1.14857	0.224399	0.879975	-1.1364	0.471084	0.92918	-1.07622	6.0658	0.964303	0.14131	1
cg04530870	PPAP2C;PPAP2C;PPAP2C	0.0135174	0.961256	0.992877	-1.00717	0.00826713	1.64367	1.64367	0.569432	1.08828	1.08828	0.659793	0.936895	-1.06736	0.0214638	0.665956	-1.5016	0.0144544	1.55813	1.55813	0.00377665	1.77725	1.77725	0.308468	1.16778	1.16778	0.353986	1.15064	1.15064	5.36126	1.83848	0.304817	1
cg23398793	PPAP2C;PPAP2C;PPAP2C	0.0139344	0.100344	0.716571	-1.39553	0.0213698	0.599295	-1.66863	0.102906	0.718687	-1.39143	0.806087	1.04659	1.04659	0.000988843	0.404042	-2.47499	0.00945597	0.543967	-1.83835	0.44575	0.865973	-1.15477	0.210997	0.783495	-1.27633	0.0100631	0.54808	-1.82455	5.30807	2.88146	0.482529	1
cg15978455	PPAP2C;PPAP2C;PPAP2C	0.0171639	0.105025	0.694244	-1.44042	0.893242	1.02805	1.02805	0.199187	0.756178	-1.32244	0.996095	1.00101	1.00101	0.0117201	0.522702	-1.91314	0.279354	0.793183	-1.26074	0.000398816	0.3132	-3.19285	0.58551	0.892747	-1.12014	0.284009	0.795091	-1.25772	4.95356	3.32982	0.597518	1
cg23876149	PPAP2C;PPAP2C;PPAP2C	0.0316677	0.0335134	0.486528	-2.05538	0.00850966	2.64872	2.64872	0.682586	1.12667	1.12667	0.547826	1.19294	1.19294	0.467659	0.80705	-1.23908	0.341332	0.752452	-1.32899	0.0615441	0.542864	-1.84208	0.650463	1.14147	1.14147	0.0233534	0.455665	-2.1946	4.00882	5.34224	1.18455	1
cg14053081	PPAP2C;PPAP2C;PPAP2C	0.0332538	0.579601	1.1555	1.1555	0.643635	0.88663	-1.12787	0.0153034	0.463461	-2.15768	0.148855	1.49165	1.49165	0.00533112	0.387452	-2.58096	0.803118	0.937516	-1.06665	0.110909	1.56612	1.56612	0.202147	1.416	1.416	0.854281	1.04863	1.04863	3.93919	4.16209	0.939187	1
cg02790177	PPAPDC1A	0.00308101	0.0756601	0.859733	-1.16315	0.00241942	1.38104	1.38104	0.00998962	1.28226	1.28226	0.281873	0.918075	-1.08924	0.00527248	1.32466	1.32466	0.253851	1.09535	1.09535	0.0459339	0.839578	-1.19107	0.110641	1.1421	1.1421	0.0028091	1.36978	1.36978	8.49067	0.785574	0.0822418	1
cg10043047	PPAPDC1A	0.0236505	0.0959429	1.20193	1.20193	0.32238	1.1083	1.1083	0.0916671	1.20541	1.20541	0.541137	0.939666	-1.06421	0.113993	0.841169	-1.18882	0.336728	0.905167	-1.10477	0.00123707	0.621882	-1.60802	0.740389	0.967104	-1.03401	0.696324	0.961313	-1.04024	4.44189	0.711883	0.142459	1
cg24575705	PPAPDC1A	0.0319494	0.147568	1.64474	1.64474	0.0581962	1.98483	1.98483	0.010189	2.8222	2.8222	0.0372912	2.16856	2.16856	0.163979	1.60898	1.60898	0.434201	0.774508	-1.29114	0.830337	1.07113	1.07113	0.00358544	3.53637	3.53637	0.903417	1.03964	1.03964	3.99614	6.49006	1.44363	1
cg02976719	PPAPDC1A	0.03653	0.167646	1.2303	1.2303	0.765851	0.958785	-1.04299	0.256628	1.18159	1.18159	0.416561	0.889577	-1.12413	0.0141623	1.53201	1.53201	0.0213408	0.677155	-1.47677	0.0283001	0.694274	-1.44035	0.49387	1.10287	1.10287	0.428303	1.12071	1.12071	3.80755	1.19762	0.279589	1
cg10007002	PPAPDC1B;PPAPDC1B;PPAPDC1B	0.00429846	0.012914	0.129465	-7.72408	0.00145718	0.0239553	-41.7445	0.0514997	0.268636	-3.72251	?	?	?	?	?	?	0.00337354	0.0506872	-19.7288	0.04254	4.07437	4.07437	?	?	?	?	?	?	24.3152	48.256	1.58769	1
cg19272266	PPAPDC1B;PPAPDC1B;PPAPDC1B	0.045806	0.776981	0.915023	-1.09287	0.0102917	2.74872	2.74872	0.0265377	2.27567	2.27567	0.0408458	2.09219	2.09219	0.659902	0.87068	-1.14853	0.486822	1.24725	1.24725	0.162141	0.627038	-1.5948	0.290602	0.709662	-1.40912	0.153594	1.6125	1.6125	3.50214	5.42411	1.37671	1
cg14274019	PPAPDC3	0.000683195	0.0151847	0.728683	-1.37234	0.00356102	0.657625	-1.52062	0.0120725	0.717371	-1.39398	0.369527	1.10275	1.10275	0.000294332	0.534772	-1.86996	0.000101756	0.481632	-2.07627	0.31079	0.894673	-1.11773	0.000620313	0.571797	-1.74887	0.0422211	0.780088	-1.28191	13.0998	2.33681	0.158564	1
cg02302858	PPARA;PPARA	0.000365181	0.291035	0.871267	-1.14775	0.969067	0.995135	-1.00489	0.00058333	0.512345	-1.95181	0.0337417	0.73209	-1.36595	3.02E-05	0.358275	-2.79115	0.00962835	0.662227	-1.51006	0.0124761	1.47842	1.47842	0.0231962	1.40682	1.40682	0.841271	1.02554	1.02554	15.5862	3.90487	0.222696	1
cg10927271	PPARA;PPARA	0.000410107	0.348509	1.15524	1.15524	7.30E-05	0.340001	-2.94117	0.0178486	0.650174	-1.53805	0.34464	0.864558	-1.15666	0.238227	1.20287	1.20287	0.0278083	0.677894	-1.47516	0.00470801	1.75337	1.75337	0.00126345	2.021	2.021	0.0188129	1.5304	1.5304	15.0959	5.34461	0.314705	1
cg20642906	PPARA;PPARA	0.00557994	0.0217856	0.368804	-2.71147	0.44973	0.756512	-1.32186	0.858827	1.06662	1.06662	0.0259251	0.3837	-2.6062	0.0131638	0.328364	-3.0454	0.0270795	0.387512	-2.58057	0.00021733	0.107035	-9.34273	0.0564911	0.457376	-2.18638	0.0135045	0.330325	-3.02733	7.09603	14.7499	1.84766	1
cg25569514	PPARA;PPARA	0.00978416	0.110763	0.766294	-1.30498	0.0130218	0.623773	-1.60315	0.0747631	0.737825	-1.35534	0.961272	1.00747	1.00747	0.861393	1.02713	1.02713	0.134433	0.780949	-1.28049	0.00169247	1.98803	1.98803	0.747612	0.951744	-1.0507	0.016066	0.636768	-1.57043	5.95198	2.21212	0.330365	1
cg00608467	PPARA;PPARA	0.0195762	0.127105	1.38641	1.38641	0.188748	0.759018	-1.31749	0.525129	1.136	1.136	0.0483261	1.56325	1.56325	0.193185	1.31347	1.31347	0.393962	0.84122	-1.18875	0.715897	0.93018	-1.07506	0.016059	1.79228	1.79228	0.00150457	2.47354	2.47354	4.73888	2.94291	0.552012	1
cg11312613	PPARA;PPARA	0.0480594	0.89241	0.970498	-1.0304	0.0111775	0.494792	-2.02105	0.0280941	0.563286	-1.7753	0.535824	0.870453	-1.14883	0.60606	0.891264	-1.122	0.492426	0.857036	-1.16681	0.0199885	1.86135	1.86135	0.883789	1.03289	1.03289	0.139546	0.703397	-1.42167	3.43936	2.66731	0.689356	1
cg05544828	PPARD	0.00013642	0.00757405	0.562562	-1.77758	0.000273474	0.368432	-2.7142	0.00472277	0.53334	-1.87498	8.47E-05	0.306249	-3.26531	0.00015906	0.339228	-2.94787	3.36E-05	0.260145	-3.84401	0.00319138	0.509542	-1.96255	0.807964	1.04162	1.04162	0.00066266	0.417686	-2.39415	20.3708	9.04778	0.394803	1
cg23318156	PPARD;PPARD	0.00164703	0.000197381	0.268155	-3.72918	0.425672	0.842696	-1.18667	0.00290789	0.42276	-2.36541	0.647114	1.10183	1.10183	0.000369688	0.301434	-3.31747	0.504736	0.867264	-1.15305	0.221838	1.31016	1.31016	0.37138	0.824396	-1.21301	0.0393214	0.60554	-1.65142	10.2007	7.1513	0.623163	1
cg21748751	PPARD;PPARD	0.0018951	0.00311216	0.186828	-5.35251	0.00180546	0.1567	-6.38164	0.0577575	0.422354	-2.36768	0.00449393	0.209235	-4.77932	0.000290428	0.0797558	-12.5383	0.0534042	0.413901	-2.41604	0.0527645	0.412615	-2.42357	0.000587345	0.105275	-9.49893	0.00266852	0.177954	-5.61942	11.6978	28.1629	1.87253	1
cg03772072	PPARD;PPARD	0.00440795	0.00318446	0.15794	-6.3315	0.523752	0.743738	-1.34456	0.0349172	0.324215	-3.08437	0.837669	1.09856	1.09856	0.000130863	0.0477118	-20.9592	0.711898	1.18527	1.18527	0.104417	0.443379	-2.25541	0.923019	0.956679	-1.04528	0.068067	0.392092	-2.55042	7.62536	25.3557	2.95572	1
cg01519223	PPARD;PPARD	0.00877292	0.302134	0.801543	-1.24759	0.467866	1.16516	1.16516	0.0557386	0.638545	-1.56606	0.851849	1.03945	1.03945	0.000276869	0.291818	-3.42679	0.983833	1.0042	1.0042	0.646397	1.10031	1.10031	0.567935	0.887406	-1.12688	0.00676265	0.483605	-2.0678	6.1621	4.1794	0.602883	1
cg23903774	PPARD;PPARD	0.00881166	0.00302007	0.612717	-1.63207	0.749299	0.963961	-1.03739	0.921721	0.988816	-1.01131	0.004364	0.633305	-1.57902	0.1212	0.823082	-1.21495	0.959191	1.00587	1.00587	0.0821491	1.25097	1.25097	0.547494	0.932604	-1.07227	0.00187965	0.586083	-1.70624	7.02077	1.42512	0.157878	1
cg26668919	PPARD;PPARD	0.0386899	?	?	?	0.03459	0.106824	-9.36115	?	?	?	?	?	?	0.0248151	0.0884854	-11.3013	?	?	?	0.0389626	0.114252	-8.75261	0.283387	0.363614	-2.75017	?	?	?	4.26397	24.7285	11.5988	1
cg00657095	PPARD;PPARD	0.0435654	0.982853	1.00429	1.00429	0.0399248	1.60428	1.60428	0.0394452	1.60668	1.60668	0.867378	0.967282	-1.03382	0.944629	0.98627	-1.01392	0.0670264	1.50471	1.50471	0.658197	1.09266	1.09266	0.00641284	2.0255	2.0255	0.0144091	1.82263	1.82263	3.56845	2.2389	0.557702	1
cg25929976	PPARG;PPARG	0.000482545	0.00737276	0.510294	-1.95965	0.0183465	0.572572	-1.7465	0.000238932	0.305702	-3.27116	0.228734	0.781833	-1.27905	0.000108827	0.264896	-3.77507	0.00825609	0.517805	-1.93123	0.0066895	0.503884	-1.98458	0.000125205	0.271988	-3.67663	0.875332	1.03106	1.03106	14.432	8.67678	0.534416	1
cg18063278	PPARG;PPARG	0.00664809	0.719927	0.898949	-1.11241	0.00255144	0.289847	-3.4501	0.000238804	0.16532	-6.04889	0.973459	0.990205	-1.00989	0.167346	0.646948	-1.54572	0.259134	0.705869	-1.41669	0.414616	0.781349	-1.27984	0.0130794	0.402228	-2.48615	0.600636	0.855319	-1.16915	6.72218	9.31999	1.2324	1
cg21859053	PPARG;PPARG;PPARG	0.0183416	0.28027	1.26164	1.26164	0.203571	0.757378	-1.32034	0.182904	0.746274	-1.33999	0.413168	0.840932	-1.18916	0.0954003	0.684294	-1.46136	0.460952	0.856046	-1.16816	0.000325432	0.300263	-3.33042	0.164677	0.735672	-1.3593	0.257737	0.783046	-1.27706	4.84437	3.28994	0.603667	1
cg07895576	PPARG;PPARG;PPARG;PPARG	1.31E-06	3.52E-05	0.680827	-1.4688	2.69E-05	0.671035	-1.49024	5.35E-07	0.511319	-1.95573	1.74E-06	0.562489	-1.77781	0.46697	1.03627	1.03627	0.000252255	0.747948	-1.33699	9.45E-06	1.58378	1.58378	0.119913	0.922008	-1.08459	0.000286833	0.752058	-1.32969	68.4303	2.51046	0.0326102	1
cg16197186	PPARG;PPARG;PPARG;PPARG	4.28E-05	0.0110664	0.65895	-1.51757	0.00320706	0.590595	-1.69321	0.0683608	0.765564	-1.30623	0.229165	1.17963	1.17963	5.17E-07	0.160027	-6.24896	0.920485	0.987014	-1.01316	0.138766	1.23197	1.23197	0.00846245	0.64398	-1.55284	0.0129455	0.667758	-1.49755	27.7383	7.52889	0.241267	1
cg10499651	PPARG;PPARG;PPARG;PPARG	0.00376329	0.0101771	0.509743	-1.96177	0.00109072	0.367151	-2.72368	0.0410707	0.612538	-1.63255	0.78193	0.943935	-1.05939	0.000713545	0.342467	-2.91999	0.104655	0.691572	-1.44598	0.843994	0.95986	-1.04182	0.00151433	0.386745	-2.58568	0.0802588	0.667986	-1.49704	7.99797	5.47668	0.608675	1
cg07676920	PPARG;PPARG;PPARG;PPARG	0.00666715	0.0128237	0.259625	-3.8517	0.282822	0.614537	-1.62724	0.00552956	0.203765	-4.9076	0.00828352	0.229272	-4.36163	0.0114482	0.251451	-3.97692	0.946041	1.02997	1.02997	0.000567478	0.0973218	-10.2752	0.2335	0.579855	-1.72457	0.0393899	0.353535	-2.82858	6.71621	20.2477	2.67978	1
cg18537222	PPARG;PPARG;PPARG;PPARG	0.00741115	0.605935	0.898254	-1.11327	0.0166686	0.547338	-1.82703	0.000312606	0.299631	-3.33743	0.137609	0.719141	-1.39055	0.106169	0.695008	-1.43883	0.561924	0.886108	-1.12853	0.470896	1.16327	1.16327	0.0688079	0.657093	-1.52185	0.00439369	0.456478	-2.19068	6.49821	4.37564	0.598543	1
cg09082664	PPARGC1A	0.000534355	0.263832	0.690334	-1.44857	0.647492	1.15774	1.15774	0.937511	0.975362	-1.02526	0.000424168	0.169283	-5.90728	2.19E-05	0.0663017	-15.0826	0.0180452	0.400954	-2.49405	0.564498	0.830838	-1.2036	0.00148616	0.232683	-4.29769	0.754349	1.10503	1.10503	14.0292	22.4915	1.42505	1
cg06772578	PPARGC1A	0.00941375	0.930346	1.0163	1.0163	0.00387442	0.486965	-2.05353	0.0759622	0.694006	-1.44091	0.344373	0.835146	-1.1974	0.626181	0.913203	-1.09505	0.0549047	1.49579	1.49579	0.00161275	2.30786	2.30786	0.933479	0.984678	-1.01556	0.518556	1.12868	1.12868	6.02567	3.26484	0.48162	1
cg09427718	PPARGC1A	0.0133565	0.440542	1.32461	1.32461	0.0403643	2.33108	2.33108	0.445964	1.32004	1.32004	0.290855	1.47957	1.47957	0.0990129	0.523929	-1.90865	0.0885238	1.95733	1.95733	0.00075419	6.20892	6.20892	0.0189533	2.76077	2.76077	0.0521433	2.2023	2.2023	5.38232	10.8888	1.79828	1
cg07744449	PPARGC1A	0.0179957	0.381078	0.818756	-1.22137	0.000480869	0.295493	-3.38418	0.154532	0.712345	-1.40381	0.833713	1.04791	1.04791	0.729234	1.08041	1.08041	0.873693	1.03604	1.03604	0.121451	1.45313	1.45313	0.853359	1.04204	1.04204	0.0766568	0.64513	-1.55007	4.87552	3.82554	0.697459	1
cg11270806	PPARGC1A	0.0395953	0.603513	0.868652	-1.15121	0.345764	1.29817	1.29817	0.0655301	1.74281	1.74281	0.0853382	1.66725	1.66725	0.245876	0.721685	-1.38565	0.111867	0.627945	-1.5925	0.0123421	0.432878	-2.31012	0.0433285	0.535491	-1.86745	0.694895	1.11175	1.11175	3.69695	4.22896	1.0168	1
cg27514608	PPARGC1A	0.0452461	0.223259	0.682368	-1.46548	0.722832	1.11222	1.11222	0.894445	1.04044	1.04044	0.808584	1.07518	1.07518	0.0360883	0.482864	-2.07098	0.278963	0.71449	-1.3996	0.00124638	0.244499	-4.09	0.702379	0.891667	-1.12149	0.965806	1.01289	1.01289	3.51833	4.97025	1.25571	1
cg04681472	PPARGC1B	0.000140283	0.00158591	0.2738	-3.65231	5.05E-05	0.11408	-8.76579	0.000785535	0.234496	-4.26446	0.021135	0.452902	-2.20798	0.000241588	0.176406	-5.66874	0.000134277	0.151068	-6.61952	0.000134877	0.151252	-6.61149	0.000183411	0.164226	-6.08917	0.0148229	0.424668	-2.35478	20.2184	26.1357	1.14904	1
cg22236469	PPARGC1B	0.000352237	0.000417459	0.520293	-1.92199	0.00783029	0.671342	-1.48955	0.00380568	1.57721	1.57721	0.000686052	0.545869	-1.83194	0.307566	0.883986	-1.13124	0.00150425	1.70573	1.70573	0.00437975	0.641277	-1.55939	0.0270252	0.736634	-1.35753	0.609842	1.06193	1.06193	15.7417	3.39836	0.191896	1
cg10500461	PPARGC1B	0.00134586	0.815287	1.04278	1.04278	2.21E-05	0.21773	-4.59285	0.148782	0.757886	-1.31946	0.132798	1.3369	1.3369	0.128853	0.745415	-1.34154	0.502936	1.12942	1.12942	0.0780224	0.704298	-1.41985	0.13526	1.33407	1.33407	0.919756	1.0182	1.0182	10.8112	5.48764	0.451191	1
cg23459643	PPARGC1B	0.00905192	0.0554564	0.622007	-1.6077	0.936574	0.982743	-1.01756	0.000378442	0.28871	-3.46368	0.0231377	0.552138	-1.81114	0.0406982	0.596407	-1.67671	0.114461	0.686937	-1.45574	0.00997696	0.490823	-2.03739	0.714777	1.08359	1.08359	0.062206	0.631795	-1.58279	6.10122	4.62299	0.673524	1
cg16786458	PPARGC1B	0.0323508	0.0073572	0.212466	-4.70663	0.065715	0.396115	-2.52452	0.133949	0.484439	-2.06424	0.176285	0.524843	-1.90533	0.0155196	0.264195	-3.78508	0.0872001	0.428777	-2.33221	0.0158323	0.265708	-3.76353	0.0118722	0.244566	-4.08887	0.0626188	0.390817	-2.55875	3.97832	12.6687	2.83062	1
cg18547262	PPARGC1B	0.0456194	0.277118	0.84642	-1.18145	0.302224	1.17077	1.17077	0.917704	0.984869	-1.01536	0.959782	0.992589	-1.00747	0.443884	1.12204	1.12204	0.774622	0.958535	-1.04326	0.00107895	0.490623	-2.03823	0.831786	0.969109	-1.03188	0.331629	1.15923	1.15923	3.50751	1.20882	0.306344	1
cg06051582	PPARGC1B	0.047827	0.0463238	1.35012	1.35012	0.570219	0.927315	-1.07838	0.495402	1.09532	1.09532	0.975504	1.00405	1.00405	0.0874223	0.780227	-1.28168	0.0172002	1.46492	1.46492	0.195724	0.835304	-1.19717	0.027488	1.40908	1.40908	0.245304	1.17331	1.17331	3.44567	0.943981	0.243522	1
cg09943401	PPAT	0.00112876	0.178409	1.29207	1.29207	0.000424576	2.71935	2.71935	0.000456056	2.69011	2.69011	0.0251523	0.620469	-1.61168	0.262367	0.811033	-1.233	0.178493	1.292	1.292	0.00692328	0.534531	-1.8708	0.230737	0.798257	-1.25273	0.432138	1.15451	1.15451	11.3684	5.7833	0.452192	1
cg14860255	PPAT	0.00926788	0.126019	0.802466	-1.24616	0.0475437	0.739875	-1.35158	0.0212559	0.69206	-1.44496	0.547155	0.922205	-1.08436	0.00149309	0.544029	-1.83814	0.351619	1.13591	1.13591	0.0212414	1.44504	1.44504	0.130596	1.24238	1.24238	0.30325	0.867835	-1.15229	6.05569	1.69485	0.24878	1
cg20357806	PPBP	0.000261352	0.0495147	0.700289	-1.42798	0.0241622	1.53318	1.53318	0.00265722	0.516473	-1.93621	0.612693	0.922055	-1.08453	0.000162141	0.35938	-2.78257	3.87E-05	0.285551	-3.502	0.480851	1.12065	1.12065	0.00203057	0.500727	-1.9971	0.00416631	0.543122	-1.84121	17.0819	6.83655	0.355753	1
cg27192708	PPBP	0.00906568	0.912104	0.96024	-1.04141	0.23803	0.635002	-1.5748	0.00237662	0.210827	-4.74322	0.00859832	0.2919	-3.42584	0.475948	0.766181	-1.30517	0.0146602	0.331513	-3.01648	0.0829105	0.493852	-2.0249	0.00133809	0.180318	-5.54575	0.0216395	0.363039	-2.75452	6.09828	13.0394	1.90063	1
cg26523478	PPBP	0.0178125	0.24415	0.634354	-1.57641	0.993031	0.996743	-1.00327	0.00317161	0.221894	-4.50665	0.00436227	0.241113	-4.14743	0.0621576	0.456413	-2.191	0.15519	0.566549	-1.76507	0.903442	1.04638	1.04638	0.00601909	0.261707	-3.82107	0.0960119	0.505193	-1.97944	4.89232	10.8109	1.96424	1
cg21398186	PPBP	0.0357948	0.563647	0.869061	-1.15067	0.0681739	0.612023	-1.63392	0.00200052	0.350402	-2.85386	0.0134985	0.47945	-2.08572	0.536921	0.860439	-1.1622	0.0361675	0.556722	-1.79623	0.868661	1.04059	1.04059	0.191564	0.717212	-1.39429	0.261281	0.754545	-1.3253	3.83579	3.51099	0.813621	1
cg16007497	PPBPL1	2.25E-05	0.953233	0.993374	-1.00667	0.34364	1.11692	1.11692	2.26E-06	0.270004	-3.70365	2.89E-05	0.394381	-2.53562	0.000137233	0.473551	-2.1117	0.0010223	0.575866	-1.73651	0.000229698	0.49984	-2.00064	7.01E-05	0.43927	-2.2765	0.00202719	0.610593	-1.63775	32.8338	6.68063	0.18086	1
cg12271022	PPBPL1	0.0015487	0.431118	0.842725	-1.18663	0.0846778	1.50092	1.50092	0.023836	0.563105	-1.77587	3.27E-05	0.179313	-5.57684	0.823443	1.04874	1.04874	0.0750733	0.655658	-1.52518	0.942953	1.01536	1.01536	0.00907747	0.49359	-2.02597	0.388718	0.82852	-1.20697	10.3836	7.45762	0.638412	1
cg15202104	PPBPL1	0.0038063	0.52148	0.746703	-1.33922	0.0677046	0.398519	-2.50929	0.0037098	0.171638	-5.82623	0.00317231	0.163367	-6.12119	0.00487475	0.186826	-5.35258	0.0133251	0.252009	-3.96811	0.000973074	0.110138	-9.07951	0.00236473	0.148656	-6.72694	0.039424	0.342649	-2.91844	7.9707	25.5085	2.84469	1
cg12684958	PPBPL2	0.0209467	0.445531	0.798587	-1.25221	0.123424	0.61716	-1.62032	0.00140999	0.262659	-3.80722	0.00595509	0.353448	-2.82927	0.327285	0.746418	-1.33973	0.784371	0.923738	-1.08256	0.363238	0.763189	-1.31029	0.033577	0.487733	-2.0503	0.347358	1.32293	1.32293	4.63105	6.13498	1.17756	1
cg16223079	PPCDC	0.0317094	0.0140992	0.271546	-3.68261	0.0247538	0.316602	-3.15854	0.435576	0.710166	-1.40812	0.0949494	0.454062	-2.20234	0.0711391	0.42008	-2.3805	0.603718	0.798273	-1.2527	0.0040154	0.18954	-5.27594	0.606158	0.799506	-1.25077	0.0140166	0.271106	-3.68859	4.00693	11.7478	2.60612	1
cg25693639	PPCDC	0.0324458	0.320905	0.805714	-1.24113	0.0165014	1.85343	1.85343	0.0683887	1.53693	1.53693	0.365167	0.822016	-1.21652	0.0215759	0.559191	-1.7883	0.563502	0.88425	-1.1309	0.0816489	0.665989	-1.50153	0.104535	1.45317	1.45317	0.366209	0.822385	-1.21598	3.97413	2.79271	0.624642	1
cg23092218	PPCDC	0.0387816	0.028821	0.357885	-2.79419	0.908162	0.955043	-1.04707	0.0681913	0.44307	-2.25698	0.149654	0.540239	-1.85103	0.00541546	0.232465	-4.30172	0.150406	0.54094	-1.84863	0.0168208	0.312613	-3.19884	0.478738	0.750475	-1.33249	0.017587	0.316162	-3.16294	3.72525	9.37433	2.23683	1
cg09459499	PPCDC	0.0453807	0.11954	1.38354	1.38354	0.23394	0.786769	-1.27102	0.290351	0.809854	-1.23479	0.112461	1.3939	1.3939	0.72822	0.935152	-1.06935	0.0757692	1.46208	1.46208	0.0068418	0.510066	-1.96053	0.777359	0.946974	-1.056	0.207479	1.29106	1.29106	3.51442	2.05597	0.52001	1
cg02063551	PPCDC;PPCDC	0.00646007	0.609788	0.926503	-1.07933	0.282951	1.17993	1.17993	0.03299	1.44745	1.44745	0.0465589	0.713171	-1.40219	0.474943	0.897849	-1.11377	0.000401336	0.433918	-2.30458	0.0133114	0.634562	-1.57589	0.287712	0.848995	-1.17786	0.526525	1.09984	1.09984	6.78233	2.36254	0.309633	1
cg15359142	PPCS;PPCS	0.0230115	0.429509	1.15621	1.15621	0.402118	1.16688	1.16688	0.777509	0.95029	-1.05231	0.443525	1.15098	1.15098	0.00646887	0.528766	-1.8912	0.128004	1.34468	1.34468	0.00387298	0.496463	-2.01425	0.146286	0.755267	-1.32403	0.238868	0.800901	-1.24859	4.48408	2.30059	0.45605	1
cg04283926	PPCS;PPCS	0.0404444	0.0266844	0.186876	-5.35114	0.0153797	0.149609	-6.68408	0.0549308	0.249002	-4.01603	0.181564	0.404205	-2.47399	0.0246362	0.180995	-5.52501	0.0567075	0.252167	-3.96562	0.00749724	0.110976	-9.01077	0.262997	0.474555	-2.10724	0.0690784	0.272735	-3.66656	3.66817	23.7015	5.74346	1
cg20757758	PPCS;ZMYND12;ZMYND12;PPCS	0.000411323	0.787855	0.985262	-1.01496	0.356224	1.05363	1.05363	0.00032728	1.37651	1.37651	0.00189083	1.27431	1.27431	0.114101	1.09924	1.09924	0.000120322	1.44768	1.44768	0.0031913	1.24812	1.24812	0.865113	1.0094	1.0094	9.85E-05	1.46328	1.46328	15.0836	0.7239	0.04266	1
cg11332388	PPCS;ZMYND12;ZMYND12;PPCS	0.0156994	0.00804429	0.665308	-1.50306	0.0361844	1.33961	1.33961	0.238765	1.15962	1.15962	0.149768	0.830816	-1.20364	0.543861	0.928914	-1.07653	0.123233	0.818395	-1.2219	0.135061	0.824186	-1.21332	0.0259867	0.728201	-1.37325	0.00769694	0.662978	-1.50835	5.10306	1.1643	0.202806	1
cg06346081	PPCS;ZMYND12;ZMYND12;PPCS;ZMYND12	0.00608562	0.978305	1.01442	1.01442	0.00204814	9.8567	9.8567	0.288103	1.78747	1.78747	0.134542	0.427543	-2.33895	0.0556341	0.319139	-3.13343	0.0465209	3.32221	3.32221	0.000875106	13.8506	13.8506	0.789529	1.1513	1.1513	0.634978	1.28641	1.28641	6.90886	30.3465	3.90436	1
cg06520846	PPCS;ZMYND12;ZMYND12;PPCS;ZMYND12	0.0140354	0.579117	1.32278	1.32278	0.00647167	5.85578	5.85578	0.31415	1.68154	1.68154	0.282596	0.572672	-1.7462	0.176286	0.487837	-2.04987	0.026057	3.73788	3.73788	0.0013139	10.3251	10.3251	0.961504	1.02439	1.02439	0.698318	1.21465	1.21465	5.29548	20.9056	3.50916	1
cg01108392	PPDPF	0.010051	0.123675	0.639855	-1.56285	0.0568801	0.561542	-1.78081	0.0851193	1.6649	1.6649	0.0075063	0.397939	-2.51295	0.00113885	0.277632	-3.6019	0.55024	0.850563	-1.17569	0.213414	0.704088	-1.42028	0.00954196	0.415164	-2.40868	0.568883	0.857113	-1.16671	5.90101	6.70166	1.00949	1
cg07882648	PPDPF	0.0259798	0.0962904	1.54972	1.54972	0.252908	0.750917	-1.3317	0.0148642	2.05177	2.05177	0.0153792	2.04108	2.04108	0.989616	1.00313	1.00313	0.949388	0.984888	-1.01534	0.0876979	0.636247	-1.57172	0.0707095	0.616026	-1.62331	0.0842342	1.58127	1.58127	4.29924	3.91823	0.810113	1
cg07556403	PPDPF;PPDPF	0.0317016	0.645043	1.05592	1.05592	0.032944	0.746336	-1.33988	0.0602383	0.779901	-1.28221	0.015393	0.705536	-1.41736	0.107431	0.81376	-1.22886	0.518465	1.07981	1.07981	0.00624185	0.658311	-1.51904	0.477018	1.08851	1.08851	0.642005	1.05645	1.05645	4.00728	0.873174	0.193686	1
cg26289222	PPEF1;PPEF1;PPEF1	0.000587322	0.000586087	3.22038	3.22038	0.00404794	0.427589	-2.33869	0.021808	0.545585	-1.8329	0.00132671	0.357865	-2.79435	0.000406731	0.290363	-3.44396	0.137579	1.42187	1.42187	0.280165	0.781065	-1.2803	0.259387	0.77184	-1.2956	0.0247866	0.555337	-1.80071	13.665	10.485	0.682036	1
cg17198372	PPEF1;PPEF1;PPEF1	0.00881224	0.844604	1.1257	1.1257	0.0470734	0.253818	-3.93984	0.214131	0.454225	-2.20155	0.849847	0.891946	-1.12114	0.00291552	0.0847636	-11.7975	0.0201917	5.42059	5.42059	0.00229202	0.0763748	-13.0933	0.390329	0.587963	-1.70079	0.0594343	0.276993	-3.6102	6.15337	35.4779	5.12498	1
cg00497084	PPEF1;PPEF1;PPEF1;PPEF1;PPEF1;PPEF1	0.0021432	0.691172	0.901566	-1.10918	0.00257746	0.33814	-2.95735	0.0110612	0.437397	-2.28625	0.0112732	0.438799	-2.27895	0.000645444	0.257069	-3.89001	0.133277	1.52239	1.52239	0.0168346	2.13161	2.13161	0.0207498	0.48554	-2.05956	0.363432	0.784754	-1.27429	9.44929	10.0783	0.948062	1
cg12289476	PPEF2	0.000627217	0.0320847	0.456546	-2.19036	0.000321141	0.162372	-6.15871	0.0041889	0.301819	-3.31324	0.0290533	0.4478	-2.23314	0.000253769	0.152189	-6.5708	0.000383445	0.170315	-5.87147	0.000256722	0.152679	-6.54967	0.332783	0.731991	-1.36614	0.0192647	0.413109	-2.42067	13.4167	20.7203	1.37276	1
cg18327952	PPEF2	0.000897431	0.0429942	0.680934	-1.46857	0.203786	1.24774	1.24774	3.63E-05	0.269116	-3.71587	0.0356266	0.66793	-1.49716	0.000333828	0.384778	-2.5989	0.0358897	0.668435	-1.49603	0.483507	0.889136	-1.12469	0.940874	1.01232	1.01232	0.229508	0.812153	-1.2313	12.1325	5.23236	0.383349	1
cg21177165	PPEF2	0.00123959	0.00340029	0.541442	-1.84692	0.000244724	0.392983	-2.54464	0.364841	0.866339	-1.15428	0.672365	0.936556	-1.06774	0.415026	1.13699	1.13699	0.00150624	0.494298	-2.02307	0.000278832	0.400069	-2.49957	0.922284	0.985076	-1.01515	0.283173	0.842128	-1.18747	11.0687	4.16235	0.334264	1
cg02362409	PPEF2	0.00124915	0.350421	0.802098	-1.24673	0.0919857	0.65337	-1.53053	0.000459114	0.282068	-3.54525	0.0479428	1.68003	1.68003	0.895869	1.0305	1.0305	0.345848	1.24951	1.24951	7.87E-05	0.194359	-5.14511	0.655563	1.1085	1.1085	0.45671	0.840367	-1.18996	11.0444	9.20864	0.74114	1
cg25936223	PPEF2	0.00464543	0.0446421	0.612785	-1.63189	0.516328	0.86954	-1.15003	0.454489	1.17568	1.17568	0.0582148	0.634625	-1.57573	0.0543654	0.628921	-1.59003	0.00067493	0.331447	-3.01707	0.0738877	1.52683	1.52683	0.0445751	1.63222	1.63222	0.0306794	1.71483	1.71483	7.50488	5.3637	0.635284	1
cg17445155	PPEF2	0.0293454	0.164366	1.78606	1.78606	0.298811	1.52348	1.52348	0.976725	0.98866	-1.01147	0.460132	0.745281	-1.34177	0.53238	1.28048	1.28048	0.0032323	0.207946	-4.80894	0.0150975	3.2135	3.2135	0.344576	1.46315	1.46315	0.207561	1.68124	1.68124	4.11894	9.96988	2.15156	1
cg14724265	PPEF2;PPEF2	0.0113444	0.162973	0.617963	-1.61822	0.0127696	0.367929	-2.71792	0.00237449	0.254219	-3.93361	0.0288759	0.434834	-2.29973	0.00337582	0.27568	-3.62739	0.0107315	0.354781	-2.81864	0.101506	0.560189	-1.78511	0.0274318	0.430348	-2.3237	0.0238259	0.418233	-2.39101	5.6758	9.39042	1.47064	1
cg03596067	PPFIA1	0.0123012	0.651948	0.90866	-1.10052	0.603249	0.895287	-1.11696	0.00508089	0.457813	-2.1843	0.00957842	0.500579	-1.99769	0.000974611	0.35523	-2.81508	0.335842	0.811112	-1.23288	0.530327	0.874506	-1.1435	0.913767	1.02311	1.02311	0.0184974	0.547363	-1.82694	5.5288	3.89664	0.626479	1
cg10548355	PPFIA1;MIR548K;PPFIA1	0.0213368	0.0685938	0.672984	-1.48592	0.000790272	0.373322	-2.67865	0.0403365	0.631201	-1.58428	0.490438	0.872766	-1.14578	0.631928	0.910501	-1.0983	0.757158	0.941522	-1.06211	0.759246	1.06154	1.06154	0.158748	1.33998	1.33998	0.536696	1.12923	1.12923	4.60194	2.75089	0.531349	1
cg07956642	PPFIA1;PPFIA1	0.00589571	0.860086	0.941677	-1.06194	0.831727	1.07517	1.07517	0.904837	0.960082	-1.04158	0.472593	1.28253	1.28253	0.00127174	0.201668	-4.95864	0.604696	0.837053	-1.19467	0.00138508	0.206173	-4.85029	0.155328	1.67851	1.67851	0.00535054	0.28665	-3.48858	6.9768	12.8188	1.6332	1
cg17913068	PPFIA1;PPFIA1	0.00715022	0.843847	0.961574	-1.03996	0.185448	1.32179	1.32179	0.000969513	2.65284	2.65284	0.333419	0.82018	-1.21924	0.040013	0.62402	-1.60251	?	?	?	0.00537993	2.07122	2.07122	0.340583	1.21547	1.21547	0.103258	1.42487	1.42487	6.70774	3.72784	0.555751	1
cg18281842	PPFIA1;PPFIA1	0.00988598	0.0153124	0.443165	-2.25649	0.0410357	0.524911	-1.90508	0.523232	0.837898	-1.19346	0.259659	0.725104	-1.37911	0.000623912	0.237285	-4.21435	0.709312	1.10779	1.10779	0.263304	1.37546	1.37546	0.614306	0.87031	-1.14902	0.00785451	0.393592	-2.5407	5.93233	7.02101	1.05202	1
cg00167941	PPFIA1;PPFIA1	0.0101844	0.011855	0.723875	-1.38145	0.510598	0.933662	-1.07105	0.00482002	1.46911	1.46911	0.280946	1.12218	1.12218	0.305035	0.896506	-1.11544	0.705559	1.03982	1.03982	0.00913436	1.40581	1.40581	0.107639	1.19794	1.19794	0.0611622	0.804914	-1.24237	5.87615	0.984624	0.148945	1
cg11253136	PPFIA1;PPFIA1	0.012882	0.223872	0.85882	-1.16439	0.0294594	1.35717	1.35717	0.193335	1.17815	1.17815	0.11875	1.22347	1.22347	0.0738728	0.78876	-1.26781	0.482936	0.918578	-1.08864	0.0144205	0.698265	-1.43212	0.0230304	1.38234	1.38234	0.0167403	1.41597	1.41597	5.44633	1.22367	0.199714	1
cg24937681	PPFIA1;PPFIA1	0.0162615	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18888883	PPFIA1;PPFIA1	0.0176649	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21068924	PPFIA1;PPFIA1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09262394	PPFIA1;PPFIA1	0.0219802	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08092930	PPFIA1;PPFIA1	0.0314393	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06384026	PPFIA1;PPFIA1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14999168	PPFIA1;PPFIA1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13965908	PPFIA1;PPFIA1;MIR548K	0.00270148	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16020638	PPFIA1;PPFIA1;MIR548K	0.00571472	0.74954	1.04909	1.04909	0.0666251	1.36029	1.36029	0.00469464	0.569953	-1.75453	0.591407	0.922127	-1.08445	0.7052	0.944724	-1.05851	0.970876	0.994553	-1.00548	0.000437007	2.29668	2.29668	0.501813	0.903041	-1.10737	0.0942147	0.759366	-1.31689	7.04414	2.4972	0.315118	1
cg07988820	PPFIA2	0.00168974	0.0173131	0.745064	-1.34217	0.0438558	1.26512	1.26512	0.246206	1.13102	1.13102	0.81254	1.02441	1.02441	0.0717211	1.22646	1.22646	0.0813921	0.821925	-1.21666	7.53E-05	0.482207	-2.0738	0.834708	0.979011	-1.02144	0.0904206	1.20854	1.20854	10.1255	1.65278	0.145093	1
cg23701643	PPFIA2	0.00211588	0.125717	0.786919	-1.27078	0.00304008	1.799	1.799	0.145468	0.797674	-1.25364	0.327116	1.15754	1.15754	0.00297302	0.554594	-1.80312	0.159839	0.804767	-1.2426	0.000277321	0.422951	-2.36434	0.804764	1.03647	1.03647	0.260044	0.843746	-1.18519	9.48477	3.14171	0.294434	1
cg21665905	PPFIA2	0.00383608	0.158479	0.564586	-1.77121	0.0644312	0.454834	-2.19861	0.220627	0.61365	-1.62959	0.89957	1.04905	1.04905	0.000175938	0.0895918	-11.1617	0.507992	1.29004	1.29004	0.0652057	2.19241	2.19241	0.0236803	2.78498	2.78498	0.127525	0.535319	-1.86804	7.95204	18.1114	2.02451	1
cg24719984	PPFIA2	0.0171445	0.953322	1.00831	1.00831	0.000930843	2.01071	2.01071	0.00635108	1.65218	1.65218	0.176314	1.22528	1.22528	0.113739	1.27533	1.27533	0.699799	1.05629	1.05629	0.155533	0.806721	-1.23959	0.738174	1.04855	1.04855	0.378484	1.13621	1.13621	4.95543	1.56761	0.281193	1
cg23926820	PPFIA2	0.037223	0.0421503	2.22596	2.22596	0.374909	0.732507	-1.36518	0.199124	0.628924	-1.59002	0.0496388	2.15002	2.15002	0.935739	1.02795	1.02795	0.0101174	3.03126	3.03126	0.175415	1.63641	1.63641	0.0191468	2.63524	2.63524	0.761732	0.901278	-1.10954	3.78157	6.99688	1.64468	1
cg00685836	PPFIA2	0.0473117	0.411239	0.866084	-1.15462	0.971125	0.993826	-1.00621	0.000809664	2.37387	2.37387	0.726033	0.941579	-1.06205	0.648835	0.924549	-1.08161	0.787326	1.04736	1.04736	0.625571	1.08779	1.08779	0.344846	1.18114	1.18114	0.641145	1.08364	1.08364	3.45978	1.60433	0.412185	1
cg27146741	PPFIA2	0.0486664	0.0924175	0.75991	-1.31595	0.0967075	0.763135	-1.31038	0.00566337	0.583841	-1.7128	0.135633	1.26924	1.26924	0.0974154	0.763655	-1.30949	0.310927	1.16815	1.16815	0.822401	0.967221	-1.03389	0.337257	1.15796	1.15796	0.680897	0.94054	-1.06322	3.42307	1.19146	0.309393	1
cg20711047	PPFIA3	0.000205633	2.72E-05	0.162203	-6.1651	0.748801	0.931824	-1.07316	0.000835353	0.331216	-3.01918	0.631623	0.899275	-1.11201	9.68E-05	0.2179	-4.58927	0.0974027	0.670474	-1.49148	0.7546	1.07135	1.07135	0.000551143	0.307621	-3.25076	0.000944551	0.33834	-2.95561	18.2333	13.949	0.680028	1
cg22620880	PPFIA3	0.000622865	7.34E-05	0.280964	-3.55917	0.00129341	2.28289	2.28289	0.00702389	1.84721	1.84721	0.931724	1.0152	1.0152	0.102051	0.729721	-1.37039	0.748679	0.944974	-1.05823	0.00489502	0.518608	-1.92824	0.814798	0.959526	-1.04218	0.360643	0.847494	-1.17995	13.4428	6.60063	0.436457	1
cg09862733	PPFIA3	0.00268726	0.00352084	0.394878	-2.53243	0.0385245	0.569587	-1.75566	0.491909	0.848821	-1.1781	0.000959665	3.17367	3.17367	0.939336	1.01803	1.01803	0.189918	0.721805	-1.38542	0.00125505	0.330819	-3.0228	0.583583	1.13881	1.13881	0.9768	0.993195	-1.00685	8.84173	7.72092	0.776209	1
cg07586008	PPFIA3	0.00381188	0.0136726	2.66069	2.66069	0.0643569	1.94814	1.94814	0.902595	1.04007	1.04007	0.234042	1.4923	1.4923	0.988798	0.995505	-1.00452	0.0172301	2.53747	2.53747	0.000158603	7.94396	7.94396	0.00193204	4.08765	4.08765	0.146282	1.64943	1.64943	7.96719	12.993	1.44961	1
cg14547801	PPFIA3	0.00601179	0.108321	0.555836	-1.79909	0.0303182	0.425878	-2.34809	0.416216	0.756867	-1.32124	0.109068	0.556649	-1.79646	0.00283426	0.252086	-3.96689	0.0760013	0.515841	-1.93858	0.000177193	0.118773	-8.41942	0.880277	0.950727	-1.05183	0.0834056	0.525994	-1.90116	6.93496	12.3442	1.58222	1
cg15693281	PPFIA3	0.00951018	0.0048741	0.63492	-1.575	0.651357	1.05693	1.05693	0.119895	1.22798	1.22798	0.00118455	1.78388	1.78388	0.268353	1.15065	1.15065	0.187436	1.18536	1.18536	0.427195	1.10371	1.10371	0.256503	0.86575	-1.15507	0.218234	0.854158	-1.17074	6.00614	1.40928	0.208568	1
cg25740437	PPFIA3	0.0161252	0.0957024	1.43938	1.43938	0.0201188	0.572365	-1.74714	0.785053	1.05592	1.05592	0.245828	1.27324	1.27324	0.0533017	1.54794	1.54794	0.00527225	0.480899	-2.07944	0.201044	0.764334	-1.30833	0.0268887	0.593521	-1.68486	0.522808	0.879065	-1.13757	5.05785	3.17292	0.557622	1
cg00461901	PPFIA3	0.0299323	0.887978	1.09533	1.09533	?	?	?	?	?	?	0.96075	1.0323	1.0323	0.957329	1.03517	1.03517	0.671555	0.759163	-1.31724	?	?	?	0.00799477	0.111239	-8.98963	0.00490138	0.0899418	-11.1183	4.35632	19.1975	5.87575	1
cg08319905	PPFIA3	0.030179	0.0289134	2.63183	2.63183	0.139232	1.81822	1.81822	0.995492	0.99788	-1.00212	0.182034	1.70257	1.70257	0.0584516	2.23272	2.23272	0.0284637	2.64154	2.64154	0.00329843	4.49883	4.49883	0.0129393	3.18671	3.18671	0.0764407	2.09686	2.09686	4.07821	9.11575	1.98687	1
cg08270964	PPFIA3	0.0383022	0.056447	3.6327	3.6327	0.0593182	3.56642	3.56642	0.387465	0.589143	-1.69738	0.591282	1.38233	1.38233	0.479259	0.650773	-1.53663	0.051538	3.75741	3.75741	0.138453	0.385704	-2.59266	0.0054949	8.84915	8.84915	0.976944	0.982887	-1.01741	3.74227	21.1441	5.02228	1
cg13183956	PPFIA3	0.0483158	0.337576	0.875082	-1.14275	0.838221	1.02798	1.02798	0.00308631	1.72741	1.72741	0.690725	0.947453	-1.05546	0.344119	1.14058	1.14058	0.752838	1.04356	1.04356	0.120375	1.25532	1.25532	0.0538853	1.34366	1.34366	0.0360124	1.38984	1.38984	3.43245	0.990348	0.256467	1
cg03360490	PPFIA3;C19orf73	0.00760526	0.631685	1.02803	1.02803	0.0317753	1.15493	1.15493	0.0409267	0.87369	-1.14457	0.660105	1.02565	1.02565	0.00446791	1.24235	1.24235	0.0455515	1.14022	1.14022	0.194294	0.924421	-1.08176	0.00137183	1.30439	1.30439	0.415007	1.04884	1.04884	6.44579	0.334363	0.0461095	1
cg20102506	PPFIA3;C19orf73;C19orf73	0.000198511	0.000299562	0.539201	-1.8546	0.0864935	1.21999	1.21999	0.0174661	0.738008	-1.355	0.0364339	0.774652	-1.2909	0.00897298	0.70543	-1.41758	0.0441196	0.784388	-1.27488	1.30E-05	0.382331	-2.61553	0.053128	1.25953	1.25953	0.0631915	1.24535	1.24535	18.4084	3.21464	0.155226	1
cg01206970	PPFIA3;LIN7B	0.0461687	0.963527	1.01533	1.01533	0.0336001	2.28322	2.28322	0.212931	1.54698	1.54698	0.103683	1.80739	1.80739	0.149964	0.598484	-1.67089	0.805597	1.08547	1.08547	0.0106468	0.343651	-2.90993	0.119739	1.75328	1.75328	0.64357	0.856429	-1.16764	3.49178	6.1182	1.55749	1
cg00805880	PPFIA4	0.00326744	0.12426	1.868	1.868	0.00669177	3.7457	3.7457	0.113927	1.90721	1.90721	0.544106	1.25923	1.25923	0.012676	3.20009	3.20009	0.0089297	3.48609	3.48609	0.000149343	11.5401	11.5401	0.00272153	4.73037	4.73037	0.0667708	2.16323	2.16323	8.34343	18.6243	1.98419	1
cg11717782	PPFIA4	0.00504202	0.284189	1.2402	1.2402	0.498491	0.8755	-1.1422	0.201287	0.770177	-1.2984	0.727491	1.07004	1.07004	0.0135743	1.80577	1.80577	0.663696	1.08834	1.08834	0.000258947	3.19984	3.19984	0.00557625	2.02267	2.02267	0.397616	0.845699	-1.18245	7.31986	4.3406	0.527102	1
cg14640592	PPFIA4	0.0173316	0.0537804	2.3962	2.3962	0.0179399	3.15125	3.15125	0.142283	1.87668	1.87668	0.406806	1.40305	1.40305	0.0265523	2.85537	2.85537	0.0241335	2.92444	2.92444	0.00113289	6.76217	6.76217	0.0155585	3.26735	3.26735	0.106107	2.02245	2.02245	4.93745	12.4535	2.24201	1
cg02479986	PPFIA4	0.0190106	0.0347806	0.535355	-1.86792	0.00469215	0.385082	-2.59685	0.00360138	0.367578	-2.72051	0.0246917	0.507032	-1.97226	0.0268565	0.51386	-1.94606	0.0579224	0.580216	-1.7235	0.0383722	0.543731	-1.83915	0.257993	0.741021	-1.34949	0.0366184	0.539729	-1.85278	4.78616	4.8878	0.907766	1
cg09396704	PPFIA4	0.0196064	0.0675592	1.94952	1.94952	0.0250876	2.38361	2.38361	0.033579	2.24618	2.24618	0.162172	1.6266	1.6266	0.948176	0.979034	-1.02141	0.0552411	2.03072	2.03072	0.00159422	4.37859	4.37859	0.0104929	2.85734	2.85734	0.0618608	1.98469	1.98469	4.73641	7.97088	1.49591	1
cg17862152	PPFIA4	0.0370489	0.078436	3.87028	3.87028	0.0282565	6.00853	6.00853	0.184331	2.65081	2.65081	0.289585	2.14039	2.14039	0.0316545	5.72071	5.72071	0.0494165	4.72265	4.72265	0.00422077	14.1847	14.1847	0.0153658	7.84164	7.84164	0.0870609	3.69915	3.69915	3.78804	28.7535	6.7472	1
cg10829024	PPFIBP1;PPFIBP1	0.00123157	0.00166085	1.61751	1.61751	0.137116	0.84271	-1.18665	0.779224	1.03049	1.03049	0.213137	0.869254	-1.15041	0.156187	0.850338	-1.176	0.000204148	1.94505	1.94505	0.00977581	1.41786	1.41786	0.0101796	0.707283	-1.41386	0.962161	1.00508	1.00508	11.0892	2.00598	0.160795	1
cg20136009	PPFIBP1;PPFIBP1	0.0261114	0.181658	0.70989	-1.40867	0.00501412	0.407695	-2.45282	0.383856	0.805906	-1.24084	0.979776	0.993893	-1.00614	0.103441	1.53788	1.53788	0.414943	1.22309	1.22309	0.0164522	2.03071	2.03071	0.84789	0.954653	-1.0475	0.0841598	1.58688	1.58688	4.29166	3.96968	0.8222	1
cg00021166	PPFIBP1;PPFIBP1	0.0276918	0.458089	0.885368	-1.12947	0.946482	0.989241	-1.01088	0.891613	1.02221	1.02221	0.798566	0.95963	-1.04207	0.564508	0.910413	-1.0984	0.000546347	2.37616	2.37616	0.367932	0.861549	-1.1607	0.834328	1.03432	1.03432	0.143344	1.28841	1.28841	4.20413	1.72887	0.36554	1
cg18836267	PPFIBP1;PPFIBP1	0.0438629	0.888569	1.01697	1.01697	0.541553	1.07699	1.07699	0.834002	0.975128	-1.02551	0.957606	1.0064	1.0064	0.0035612	1.60633	1.60633	0.368928	1.11711	1.11711	0.163422	1.19544	1.19544	0.00414376	1.58614	1.58614	0.377033	1.11493	1.11493	3.55941	0.811969	0.202772	1
cg20684174	PPFIBP2	6.48E-05	0.379737	1.10029	1.10029	0.000153112	0.502316	-1.99078	0.000859687	0.5881	-1.70039	0.0058047	0.681641	-1.46705	2.86E-06	0.30491	-3.27965	0.141703	0.845697	-1.18246	0.000150207	0.501356	-1.99459	0.872458	1.01719	1.01719	0.00446182	0.668793	-1.49523	24.8571	4.42905	0.158382	1
cg01842720	PPFIBP2	0.00120655	0.0108003	0.593428	-1.68512	0.0155706	0.616661	-1.62164	0.162804	0.784419	-1.27483	0.135102	1.3002	1.3002	0.00185246	0.48669	-2.0547	0.00551783	1.81205	1.81205	0.596137	1.09108	1.09108	0.00197035	0.490305	-2.03955	0.00777492	1.74543	1.74543	11.1544	4.69215	0.373915	1
cg12109747	PPFIBP2	0.00984313	0.00441471	0.356789	-2.80278	0.085772	0.5975	-1.67364	0.0129479	0.433181	-2.3085	0.0617482	0.565173	-1.76937	0.000766125	0.251015	-3.98383	0.0353322	0.514429	-1.9439	0.0170661	0.454449	-2.20047	0.485604	0.825164	-1.21188	0.0478052	0.541322	-1.84733	5.94057	6.92067	1.03554	1
cg26427534	PPFIBP2	0.0127235	0.027991	0.430933	-2.32054	0.00939454	0.34377	-2.90893	0.00609742	0.313214	-3.1927	0.0163581	0.386101	-2.59	0.0023011	0.251235	-3.98034	0.558501	0.825428	-1.21149	0.136236	0.594182	-1.68299	0.981375	0.992459	-1.0076	0.0223555	0.41167	-2.42913	5.46837	9.10603	1.48019	1
cg12486121	PPFIBP2;PPFIBP2	0.0230279	0.816538	1.04162	1.04162	0.521319	1.12082	1.12082	0.437141	1.14922	1.14922	0.00101216	2.35299	2.35299	0.127323	0.74878	-1.33551	0.279846	1.21789	1.21789	0.0425271	0.66378	-1.50652	0.761511	0.947992	-1.05486	0.671101	0.927794	-1.07783	4.48298	2.18586	0.433414	1
cg03876729	PPFIBP2;PPFIBP2	0.0489235	0.715187	1.05846	1.05846	0.10993	0.763262	-1.31017	0.161687	1.26073	1.26073	0.150248	1.27011	1.27011	0.0565322	1.39753	1.39753	0.0868456	0.745876	-1.34071	0.0281607	1.49469	1.49469	0.126045	0.773643	-1.29259	0.251781	1.20397	1.20397	3.41624	1.3006	0.33841	1
cg09874195	PPHLN1;PPHLN1	0.000334085	0.0964177	1.19327	1.19327	0.00316413	0.676837	-1.47746	0.00172051	0.648543	-1.54192	0.359861	1.09541	1.09541	0.492751	0.934789	-1.06976	0.450513	1.07726	1.07726	3.08E-05	2.19862	2.19862	0.00987215	1.37111	1.37111	0.0763782	0.826267	-1.21026	15.9721	2.37032	0.131915	1
cg16252122	PPHLN1;PPHLN1	0.0290705	0.00457971	0.553069	-1.80809	0.15582	0.787998	-1.26904	0.903222	0.981095	-1.01927	0.322516	0.85185	-1.17392	0.666371	0.934207	-1.07043	0.0244149	1.52314	1.52314	0.0767312	1.3619	1.3619	0.229296	1.21889	1.21889	0.2868	0.840677	-1.18952	4.13268	1.61137	0.346586	1
cg19449969	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1	0.0407761	0.654662	0.857337	-1.1664	0.0548623	0.475001	-2.10526	0.0145106	0.357159	-2.79988	0.0299093	0.417524	-2.39507	0.198986	0.628748	-1.59046	0.675314	1.15491	1.15491	0.176285	1.6348	1.6348	0.053426	2.11715	2.11715	0.464378	0.775231	-1.28994	3.65713	6.77018	1.64554	1
cg25425390	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1	0.000582869	0.00876993	0.583712	-1.71317	0.0353896	1.4845	1.4845	0.125357	0.765279	-1.30671	0.233707	0.817631	-1.22305	0.000811794	0.442877	-2.25796	0.0454805	0.690781	-1.44764	5.92E-05	0.301625	-3.31537	0.0769116	1.37332	1.37332	0.0029605	0.517951	-1.93069	13.694	5.64059	0.366135	1
cg01821022	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1	0.011552	0.723593	1.07887	1.07887	0.0553523	0.628552	-1.59096	0.232559	0.765184	-1.30688	0.0828033	0.663198	-1.50785	0.00222288	0.40006	-2.49963	0.904506	0.974667	-1.02599	0.0175367	1.8552	1.8552	0.191141	1.34434	1.34434	0.0214168	0.553799	-1.80571	5.64262	4.08467	0.643463	1
cg21900653	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1	0.0188247	0.972147	1.00388	1.00388	0.0245549	0.742969	-1.34595	0.0114622	0.704033	-1.42039	0.451838	0.918481	-1.08875	0.04574	0.775629	-1.28928	0.460304	0.91999	-1.08697	0.0297047	1.32827	1.32827	0.0227869	1.35298	1.35298	0.576586	0.939338	-1.06458	4.80208	0.935967	0.173252	1
cg01978144	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1	0.0134301	0.0812121	0.66873	-1.49537	0.246234	1.28713	1.28713	0.649384	0.909128	-1.09995	0.793992	1.05598	1.05598	0.0765167	0.663567	-1.50701	0.00027505	0.289372	-3.45576	0.26814	0.786556	-1.27136	0.41835	0.841866	-1.18784	0.734389	1.07346	1.07346	5.37265	3.68673	0.609958	1
cg23032229	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;PPHLN1	0.00146583	0.0069002	2.13933	2.13933	0.16708	1.37754	1.37754	0.195887	1.34639	1.34639	9.23E-05	0.21917	-4.56267	0.174864	1.36861	1.36861	0.00888299	2.06286	2.06286	0.762486	0.936212	-1.06813	0.103433	1.473	1.473	0.600166	0.891354	-1.12189	10.5493	7.90092	0.665735	1
cg10517121	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;ZCRB1;PPHLN1	2.90E-06	0.924295	1.00779	1.00779	2.51E-05	1.97935	1.97935	0.0502931	1.19971	1.19971	1.02E-07	0.244953	-4.08241	0.0037506	0.726663	-1.37615	0.000249395	1.63758	1.63758	0.479255	0.942999	-1.06045	0.124736	0.873177	-1.14524	0.446699	0.938673	-1.06533	55.817	5.88613	0.0937371	1
cg16712679	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;ZCRB1;PPHLN1	0.00375525	0.297129	0.754445	-1.32548	0.000148635	0.182785	-5.4709	0.00249739	0.334505	-2.98949	0.622134	1.13825	1.13825	0.0723204	0.59286	-1.68674	0.0367635	0.531298	-1.88218	0.453248	1.22039	1.22039	0.479933	1.20586	1.20586	0.192326	0.697867	-1.43294	8.00311	8.61313	0.956643	1
cg22618571	PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;PPHLN1;PPHLN1	0.000261947	0.238779	0.686467	-1.45673	0.453498	1.26091	1.26091	0.127788	1.65626	1.65626	0.0334321	2.16237	2.16237	0.000786715	0.19278	-5.18726	7.01E-06	0.0315868	-31.6588	0.644277	0.868564	-1.15133	0.545907	1.20367	1.20367	0.236393	0.685008	-1.45984	21.6756	30.8034	1.10531	1
cg04101117	PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;PPHLN1;PPHLN1	0.00720009	0.0213748	0.616721	-1.62148	0.00308096	2.03004	2.03004	0.00614429	1.86793	1.86793	0.0175352	1.65738	1.65738	0.0356022	1.53346	1.53346	0.0369443	1.5273	1.5273	0.73756	0.942915	-1.06054	0.825944	0.962238	-1.03924	0.0915363	1.38368	1.38368	6.55719	3.17249	0.430061	1
cg23495556	PPIA	0.000240244	0.0954132	0.884681	-1.13035	0.810765	0.984084	-1.01617	0.0848801	0.880343	-1.13592	0.643808	0.969337	-1.03163	0.22033	0.91742	-1.09001	0.283416	1.07739	1.07739	2.04E-06	0.45714	-2.18751	0.0500832	0.861205	-1.16116	0.0542045	0.864039	-1.15736	17.4785	1.23836	0.0629786	1
cg14056620	PPIA	0.00341715	0.311675	1.28767	1.28767	0.88516	0.965691	-1.03553	0.942492	1.01758	1.01758	0.659392	1.1131	1.1131	0.82149	1.05611	1.05611	0.440266	1.2094	1.2094	3.91E-05	0.149231	-6.70101	0.816483	1.05776	1.05776	0.888394	1.0345	1.0345	8.23258	7.60862	0.821519	1
cg26307266	PPIA	0.0108971	0.903217	0.984323	-1.01593	0.439874	0.902737	-1.10774	0.112409	0.79892	-1.25169	0.0012066	0.54019	-1.8512	0.00229283	0.574819	-1.73968	0.360032	0.884941	-1.13002	0.543843	1.08308	1.08308	0.356047	1.13123	1.13123	0.154303	1.21905	1.21905	5.74991	1.53649	0.237529	1
cg11056045	PPIA	0.013239	0.0956331	1.47888	1.47888	0.703225	0.921438	-1.08526	0.933466	0.98231	-1.01801	0.271445	1.27727	1.27727	0.172251	1.3642	1.3642	0.0195559	1.82783	1.82783	0.000840057	0.341726	-2.92632	0.449019	1.17929	1.17929	0.47039	0.85473	-1.16996	5.39791	3.90629	0.643259	1
cg27303125	PPIA	0.01424	0.93814	1.01488	1.01488	0.0140444	1.78087	1.78087	0.0439847	1.5535	1.5535	0.0494608	0.652696	-1.53211	0.131975	0.733871	-1.36264	0.382686	0.84335	-1.18575	0.00232494	2.24641	2.24641	0.589946	1.10909	1.10909	0.328683	1.21151	1.21151	5.27034	3.02323	0.509894	1
cg04192557	PPIA	0.0190321	0.00138893	0.0326807	-30.5991	0.0531705	0.197533	-5.06244	?	?	?	0.688277	1.3468	1.3468	0.998217	0.998351	-1.00165	0.0556156	0.201648	-4.95915	0.762555	0.799556	-1.25069	0.00907842	0.0864968	-11.5611	0.564636	0.650602	-1.53704	4.87192	37.3807	7.67267	1
cg23380262	PPIA	0.0414917	0.042888	0.871628	-1.14728	0.429913	1.04865	1.04865	0.163176	0.915986	-1.09172	0.598573	0.969164	-1.03182	0.047021	0.874569	-1.14342	0.0645993	0.884803	-1.13019	0.0137334	0.835578	-1.19678	0.05425	1.13745	1.13745	0.778036	0.983477	-1.0168	3.63368	0.200047	0.0489365	1
cg08300117	PPIA	0.0467292	0.0103672	1.75957	1.75957	0.0246217	1.59748	1.59748	0.301047	1.20628	1.20628	0.0930031	1.38187	1.38187	0.0956561	1.3776	1.3776	0.990399	0.997896	-1.00211	0.06556	0.696487	-1.43578	0.227634	1.24814	1.24814	0.745846	0.94467	-1.05857	3.47597	1.6863	0.431228	1
cg00667110	PPIA;PPIA	0.00239574	3.97E-05	0.0218488	-45.769	0.168572	2.0422	2.0422	0.416673	0.667646	-1.4978	0.813787	0.89151	-1.12169	?	?	?	0.907165	0.944805	-1.05842	0.914698	1.05353	1.05353	0.817155	1.11931	1.11931	0.358739	1.58297	1.58297	9.3528	31.1886	3.33468	1
cg17269548	PPIA;PPIA	0.039155	0.992735	1.00221	1.00221	0.00188192	0.344326	-2.90423	0.0140156	0.480024	-2.08323	0.0898309	0.636125	-1.57202	0.113323	0.659108	-1.5172	0.572796	0.871222	-1.14781	0.983959	0.995148	-1.00488	0.087881	0.634009	-1.57727	0.425032	0.821124	-1.21784	3.71217	3.44091	0.823935	1
cg22106265	PPIAL4A;PPIAL4B	9.51E-05	0.0144039	0.569154	-1.75699	0.0066062	0.517409	-1.93271	1.01E-05	0.170367	-5.86967	0.000171175	0.303153	-3.29866	0.00100795	0.401765	-2.48902	0.0672099	0.681615	-1.4671	2.24E-05	0.20427	-4.89549	0.000856284	0.39227	-2.54927	0.204519	0.778659	-1.28426	22.439	12.4089	0.491561	1
cg18072778	PPIAL4F;PPIAL4D	0.000192106	0.663396	0.895064	-1.11724	0.00088122	0.283075	-3.53263	3.60E-05	0.133152	-7.51021	0.00103123	0.292035	-3.42425	0.139097	0.668296	-1.49634	0.03918	0.546541	-1.82969	5.14E-05	0.14681	-6.81154	0.000181373	0.201221	-4.96965	0.135228	0.66523	-1.50324	18.5728	18.8505	0.902182	1
cg04935289	PPIAL4G	6.62E-05	0.972304	0.995904	-1.00411	0.00432217	0.636992	-1.56988	2.36E-06	0.257214	-3.88781	0.0200894	0.717788	-1.39317	0.0378548	0.752249	-1.32935	0.120776	1.2201	1.2201	2.73E-05	0.376017	-2.65945	0.0128105	0.693843	-1.44125	0.418105	0.906806	-1.10277	24.7132	5.47115	0.196788	1
cg07469594	PPIB	0.00222015	0.00617118	0.310918	-3.21628	0.00484352	0.294647	-3.39389	0.00399814	0.282184	-3.54379	0.271675	0.687815	-1.45388	0.00858283	0.334069	-2.99339	0.0626428	0.504003	-1.98412	0.000400424	0.158529	-6.30798	0.00109536	0.207025	-4.83034	0.00419536	0.285278	-3.50535	9.3523	15.8432	1.50582	1
cg00918794	PPIB	0.00285605	0.175788	0.912648	-1.09571	0.00372586	1.28242	1.28242	0.000227204	1.47567	1.47567	0.734448	1.02185	1.02185	0.309899	1.069	1.069	0.203812	0.918365	-1.08889	0.0144845	0.825894	-1.21081	0.235382	1.08217	1.08217	0.368237	1.06044	1.06044	8.68386	0.554503	0.0567595	1
cg15804432	PPIB	0.0415365	0.124777	0.804214	-1.24345	0.686951	1.05456	1.05456	0.990152	1.00162	1.00162	0.509439	0.915993	-1.09171	0.220153	0.844479	-1.18416	0.307772	1.14846	1.14846	0.00247807	0.576051	-1.73596	0.420957	1.11382	1.11382	0.0782457	1.29242	1.29242	3.63223	0.988993	0.242029	1
cg02384682	PPIC	0.000705912	0.000287893	0.112081	-8.92211	0.487873	1.272	1.272	0.213172	1.56835	1.56835	0.979951	1.00859	1.00859	0.286474	1.46102	1.46102	0.0464818	2.21083	2.21083	?	?	?	8.94E-05	0.0715952	-13.9674	0.257024	1.50007	1.50007	16.3224	26.0885	1.39853	1
cg16477187	PPIC	0.00158662	0.575744	0.93618	-1.06817	0.315781	0.886049	-1.12861	3.21E-05	2.56945	2.56945	0.0417874	0.760561	-1.31482	0.247548	0.868474	-1.15144	0.219496	0.860183	-1.16254	0.148454	0.83461	-1.19816	0.649891	1.05475	1.05475	0.509806	1.08111	1.08111	10.3114	2.22189	0.191537	1
cg26970707	PPIC	0.0265976	0.086891	0.357305	-2.79873	0.00671472	6.77662	6.77662	0.301297	1.79131	1.79131	0.559875	0.725489	-1.37838	0.162129	0.443767	-2.25344	0.313021	1.76477	1.76477	0.227954	0.502155	-1.99142	0.0093017	6.02549	6.02549	0.928064	1.05038	1.05038	4.26405	20.0089	4.17108	1
cg02291439	PPIC	0.0381596	0.115621	0.576698	-1.73401	0.119941	1.72102	1.72102	0.53167	0.815554	-1.22616	0.0713752	0.523059	-1.91183	0.108798	0.569575	-1.7557	0.00174941	0.23796	-4.20239	0.344887	0.731183	-1.36765	0.988814	0.995499	-1.00452	0.371036	0.744085	-1.34393	3.74738	6.14677	1.45803	1
cg01737507	PPIC	0.0474714	0.328636	0.908707	-1.10046	0.939449	1.00724	1.00724	0.281733	0.899229	-1.11206	0.630062	0.954967	-1.04716	0.687456	1.03915	1.03915	0.597256	0.950634	-1.05193	0.000664612	0.609715	-1.64011	0.792534	0.975282	-1.02534	0.563353	0.946039	-1.05704	3.45539	0.493362	0.126916	1
cg12326299	PPIC	0.0486306	0.0130085	0.151466	-6.60215	0.163909	0.402604	-2.48383	0.0280551	0.204099	-4.89958	0.121695	0.357875	-2.79427	0.0114186	0.143851	-6.95166	0.0318181	0.214164	-4.66932	0.0583661	0.269807	-3.70635	0.318125	0.531537	-1.88134	0.0547223	0.263269	-3.7984	3.42402	20.3421	5.28088	1
cg18399510	PPID	0.000240196	0.681143	1.04485	1.04485	0.942975	1.00762	1.00762	0.000248913	1.90023	1.90023	0.00786793	1.43628	1.43628	0.000344324	0.542426	-1.84357	0.464574	1.08224	1.08224	0.000194502	1.9458	1.9458	0.0164116	0.732419	-1.36534	0.0106582	1.40621	1.40621	17.4794	3.12104	0.158716	1
cg02581716	PPID	0.0134738	0.00819052	0.40573	-2.46469	0.137102	0.65249	-1.53259	0.261946	1.366	1.366	0.00690756	0.393671	-2.54019	0.268878	0.735633	-1.35937	0.00347426	0.347302	-2.87934	0.332746	1.30527	1.30527	0.276587	1.3522	1.3522	0.339677	0.769219	-1.30002	5.36694	6.04259	1.00079	1
cg12051614	PPIE;PPIE;PPIE	0.000244268	0.00210441	0.611241	-1.63602	0.00905264	0.685528	-1.45873	0.0813459	0.8026	-1.24595	0.0107651	0.69442	-1.44005	2.70E-05	0.389447	-2.56774	0.000170742	0.483245	-2.06934	0.00046962	0.534919	-1.86944	0.000189944	0.488691	-2.04628	0.0447595	0.76935	-1.2998	17.3996	3.56973	0.182366	1
cg15726714	PPIE;PPIE;PPIE	0.000584136	0.481082	1.1326	1.1326	6.72E-06	5.68901	5.68901	0.222657	1.24959	1.24959	0.569445	0.904871	-1.10513	0.047151	0.67372	-1.4843	0.857104	0.969148	-1.03183	0.571235	0.905299	-1.10461	0.836462	0.9647	-1.03659	0.810676	1.04261	1.04261	13.6857	6.55247	0.425583	1
cg24358529	PPIE;PPIE;PPIE	0.000596	3.84E-05	0.277907	-3.59832	0.499795	1.11755	1.11755	0.79247	0.958121	-1.04371	0.00435229	1.85542	1.85542	0.706748	1.06324	1.06324	0.000786762	0.438924	-2.2783	0.0418578	0.683498	-1.46306	0.744821	1.05442	1.05442	0.66228	1.07391	1.07391	13.6092	5.67362	0.370573	1
cg06790069	PPIE;PPIE;PPIE	0.00154987	0.00413537	0.370522	-2.69889	0.0027314	0.343645	-2.90998	0.00220622	0.330255	-3.02796	0.0196492	0.482984	-2.07046	0.000574154	0.252509	-3.96026	0.0184842	0.478182	-2.09126	0.000257036	0.211448	-4.72929	0.554601	0.856991	-1.16687	0.0547274	0.56971	-1.75528	10.3813	10.962	0.938607	1
cg01941586	PPIE;PPIE;PPIE	0.00166209	0.00402908	0.197777	-5.05621	0.00364678	0.192103	-5.20555	0.0182636	0.300645	-3.32618	0.0475699	0.386509	-2.58726	0.000411581	0.0951135	-10.5138	0.00313609	0.183746	-5.44229	0.000366249	0.0912197	-10.9625	0.0118671	0.26777	-3.73455	0.0120201	0.268702	-3.7216	10.1739	28.3569	2.47753	1
cg24920358	PPIE;PPIE;PPIE	0.00621669	0.80882	1.10231	1.10231	0.0282578	2.83176	2.83176	0.447766	1.36468	1.36468	0.325004	1.50446	1.50446	0.00120893	0.148871	-6.71721	0.791839	1.11215	1.11215	0.295146	1.54698	1.54698	0.00136348	6.47423	6.47423	0.28666	1.55992	1.55992	6.86349	17.5549	2.27353	1
cg02773041	PPIE;PPIE;PPIE	0.0189193	0.618291	0.820194	-1.21922	0.00158909	5.9806	5.9806	0.447617	0.73683	-1.35717	0.970817	1.01454	1.01454	0.385184	0.703771	-1.42092	0.323085	0.668488	-1.49591	0.697313	0.857075	-1.16676	0.00530902	4.26152	4.26152	0.237189	1.63011	1.63011	4.79396	11.8216	2.19195	1
cg19912559	PPIE;PPIE;PPIE	0.0433468	0.778815	0.875505	-1.1422	0.00607335	5.42882	5.42882	0.854637	1.09046	1.09046	0.336429	1.59679	1.59679	0.140166	0.472648	-2.11574	0.948198	0.969786	-1.03115	0.619004	0.789225	-1.26707	0.00660708	5.28572	5.28572	0.534589	1.34578	1.34578	3.57515	12.6244	3.13881	1
cg04159077	PPIF	0.000459094	0.00410789	0.548161	-1.82428	0.00478262	0.557199	-1.79469	5.29E-05	0.307627	-3.25069	0.151963	1.27084	1.27084	0.00046914	0.423773	-2.35975	0.00103489	0.468191	-2.13588	0.00621767	0.57291	-1.74547	0.759697	1.04908	1.04908	0.225375	0.819683	-1.21998	14.6325	5.65158	0.34332	1
cg06103367	PPIF	0.00648883	0.492853	0.75254	-1.32883	0.0578558	0.416711	-2.39974	0.0998779	2.08764	2.08764	0.269091	0.62511	-1.59972	0.000817702	0.127554	-7.83981	0.00184901	0.164591	-6.07566	?	?	?	0.753007	0.879095	-1.13753	0.785814	1.11761	1.11761	6.91481	16.2209	2.34582	1
cg14204211	PPIF	0.0119111	0.000923359	0.549169	-1.82093	0.36805	0.894061	-1.11849	0.358823	0.892011	-1.12106	0.116255	1.22965	1.22965	0.88793	0.983067	-1.01722	0.208747	0.851725	-1.17409	0.0369575	0.745693	-1.34103	0.0391964	1.33511	1.33511	0.0676297	0.78039	-1.28141	5.58695	1.29796	0.206507	1
cg27352063	PPIF	0.0382891	0.361296	1.06802	1.06802	0.0556293	0.858914	-1.16426	0.19275	0.907859	-1.10149	0.138888	1.11819	1.11819	0.642721	1.0333	1.0333	0.374637	0.938097	-1.06599	0.00261781	0.746604	-1.3394	0.289326	1.08018	1.08018	0.640188	0.967526	-1.03356	3.74274	0.29149	0.069228	1
cg16098780	PPIF;PPIF	0.00785112	0.279757	0.817587	-1.22311	0.0879826	0.713564	-1.40142	0.0734332	1.43011	1.43011	0.206955	0.787771	-1.2694	0.00658394	0.531295	-1.88219	0.00250434	0.471137	-2.12253	0.00269852	0.475683	-2.10224	0.911963	1.02002	1.02002	0.449323	1.14818	1.14818	6.38173	3.24698	0.45226	1
cg16088692	PPIG	0.00157735	0.000575514	0.175036	-5.71311	0.0865571	0.557345	-1.79422	0.593694	1.17815	1.17815	7.74E-05	0.0900183	-11.1088	0.54666	1.20417	1.20417	0.886359	0.957453	-1.04444	0.140958	0.614546	-1.62722	0.840978	0.94074	-1.06299	0.13653	1.63776	1.63776	12.4051	17.7773	1.11461	1
cg16876636	PPIG	0.00261313	0.675434	0.906859	-1.10271	0.408279	0.821702	-1.21699	0.00989585	0.469229	-2.13116	0.00271691	0.38238	-2.6152	0.0383921	0.57291	-1.74548	0.00478969	0.419258	-2.38517	0.922385	0.977628	-1.02288	0.0779419	0.634583	-1.57584	0.000106474	0.20434	-4.8938	8.91503	7.61123	0.758891	1
cg15993762	PPIG	0.00440484	0.000259418	0.220455	-4.53606	0.00111143	0.298542	-3.34962	0.130948	0.663413	-1.50736	0.813915	1.06112	1.06112	0.00963018	0.438451	-2.28076	0.728158	0.915945	-1.09177	0.0352685	0.539584	-1.85328	0.294269	0.760548	-1.31484	0.469082	0.830824	-1.20362	7.62699	7.64781	0.891315	1
cg16451278	PPIG	0.0044738	0.0621213	0.478093	-2.09164	0.0101303	3.12597	3.12597	0.820135	1.08331	1.08331	0.164761	0.59407	-1.6833	0.780858	1.10296	1.10296	0.658398	1.16923	1.16923	0.000279082	0.123843	-8.07472	0.327257	1.42668	1.42668	0.0666003	2.06004	2.06004	7.59116	14.8433	1.73808	1
cg11937541	PPIG	0.00759729	0.00557187	1.67168	1.67168	0.628341	1.07126	1.07126	0.728558	0.952022	-1.0504	0.00827216	1.61049	1.61049	0.186102	0.820507	-1.21876	0.00262744	0.555595	-1.79987	0.316284	0.863973	-1.15744	0.930565	1.01237	1.01237	0.0807863	0.760887	-1.31426	6.44791	2.03385	0.28038	1
cg14506616	PPIG	0.0145422	0.0538508	0.687131	-1.45533	0.160385	1.29313	1.29313	0.923113	0.983588	-1.01669	0.650555	1.08131	1.08131	0.914339	1.01862	1.01862	0.751381	1.056	1.056	0.000445922	0.386846	-2.58501	0.202588	1.25935	1.25935	0.23727	0.808772	-1.23644	5.234	2.43576	0.413664	1
cg05304761	PPIH	0.00579813	0.000205728	0.550597	-1.81621	0.877621	1.0149	1.0149	0.738329	1.0327	1.0327	0.014749	0.749754	-1.33377	0.698282	1.03809	1.03809	0.0522224	0.809038	-1.23604	0.0167173	0.75553	-1.32357	0.376891	1.09092	1.09092	0.177064	0.871364	-1.14763	7.01278	1.02297	0.129664	1
cg06872673	PPIH	0.0151222	0.00923053	0.18399	-5.43509	0.16062	0.464048	-2.15495	0.0198441	0.236763	-4.22363	0.10563	0.404308	-2.47336	0.00648524	0.163198	-6.12754	0.0259339	0.258098	-3.8745	0.0028041	0.121289	-8.24478	0.259854	0.547655	-1.82597	0.0155612	0.218753	-4.57137	5.16681	21.4752	3.69455	1
cg07503931	PPIH	0.0225867	0.716643	1.02342	1.02342	0.183315	0.914228	-1.09382	0.0630782	0.875644	-1.14202	0.0164407	0.830097	-1.20468	0.00737044	1.24525	1.24525	0.911046	1.00712	1.00712	0.0743875	0.881377	-1.13459	0.171111	0.911592	-1.09698	0.154408	1.10167	1.10167	4.51295	0.288364	0.0567973	1
cg13077324	PPIH	0.0435941	0.703788	0.924947	-1.08114	0.712771	1.07844	1.07844	0.860761	1.03651	1.03651	0.0600904	0.648454	-1.54213	0.699022	0.923716	-1.08258	0.00237493	0.420879	-2.37598	0.0657554	0.655919	-1.52458	0.27908	1.2584	1.2584	0.321958	1.23241	1.23241	3.56758	2.35691	0.587242	1
cg09025725	PPIH;PPIH	0.019913	0.107611	0.773723	-1.29245	0.197246	0.819428	-1.22036	0.0532847	0.725593	-1.37818	0.0375777	0.702958	-1.42256	0.377784	0.876154	-1.14135	0.000601362	0.46154	-2.16666	0.848789	1.02828	1.02828	0.987498	1.00229	1.00229	0.426519	1.12594	1.12594	4.71154	1.59273	0.300488	1
cg13939462	PPIL1	0.000370727	0.0234651	0.471813	-2.11948	0.00266644	0.315739	-3.16717	0.00715687	0.381443	-2.62162	0.00203136	3.34512	3.34512	0.00112313	0.264194	-3.78509	0.00608922	0.370158	-2.70155	0.00016163	0.167385	-5.97424	0.00100832	0.258136	-3.87392	0.0752963	0.577177	-1.73257	15.5217	18.9341	1.08431	1
cg11251614	PPIL1	0.00217286	0.0817802	0.511125	-1.95647	0.0177262	0.366601	-2.72776	0.0267369	0.401179	-2.49266	0.679547	0.86542	-1.15551	0.000220312	0.117412	-8.51703	0.00215929	0.22347	-4.47487	0.0021111	0.222194	-4.50057	0.616932	1.19182	1.19182	0.00433534	0.265369	-3.76834	9.4114	18.0482	1.70462	1
cg12107072	PPIL1	0.00731431	0.85595	0.955686	-1.04637	0.000223251	4.6298	4.6298	0.499215	1.18661	1.18661	0.807839	0.94103	-1.06267	0.177697	0.699567	-1.42946	0.841781	0.951369	-1.05112	0.96039	0.987688	-1.01247	0.125636	1.51197	1.51197	0.0239668	0.510775	-1.95781	6.52501	6.42977	0.875915	1
cg01910741	PPIL1	0.00791997	0.0426702	0.559053	-1.78874	0.0140047	0.469482	-2.13001	0.0629684	0.593763	-1.68417	0.11876	1.52498	1.52498	0.0143077	0.471091	-2.12273	0.0243257	0.51229	-1.95202	0.00334466	0.369686	-2.705	0.00430584	0.386258	-2.58894	0.88086	1.03808	1.03808	6.36424	6.25952	0.874262	1
cg21659949	PPIL2;PPIL2;PPIL2	0.016884	0.0166462	0.190937	-5.23734	0.669856	1.27492	1.27492	0.145925	0.413091	-2.42077	0.118751	0.383273	-2.60911	0.293861	0.539765	-1.85266	0.0811589	0.334541	-2.98917	0.00150083	0.0749289	-13.346	0.00421715	0.114186	-8.75764	0.0910613	0.348502	-2.86943	4.98087	25.3009	4.51521	1
cg04983276	PPIL2;PPIL2;PPIL2	0.0234493	0.0894367	0.323487	-3.09132	0.972969	0.979786	-1.02063	0.0559217	0.271133	-3.68823	0.833147	1.13558	1.13558	0.0147269	0.163779	-6.10581	0.193975	0.436811	-2.28932	0.000810735	0.0476254	-20.9972	0.19591	0.438558	-2.2802	0.443107	0.6242	-1.60205	4.45502	25.6285	5.11354	1
cg27545494	PPIL2;PPIL2;PPIL2	0.029088	0.0188135	0.616648	-1.62167	0.0405346	0.669109	-1.49453	0.476675	0.884333	-1.1308	0.0697556	0.708572	-1.41129	0.146458	0.767375	-1.30314	0.0127822	0.591322	-1.69113	0.208802	0.798463	-1.25241	0.22424	1.24218	1.24218	0.0719849	1.40659	1.40659	4.1318	1.88827	0.40623	1
cg17249257	PPIL2;PPIL2;PPIL2	0.0293772	0.108701	3.756	3.756	0.79718	1.21507	1.21507	0.524088	1.62959	1.62959	0.518031	1.6416	1.6416	0.310163	2.21295	2.21295	0.283041	2.32492	2.32492	0.000866732	0.0228053	-43.8494	0.822159	1.18564	1.18564	0.920725	1.0782	1.0782	4.11735	37.3077	8.05431	1
cg01088528	PPIL3;NIF3L1;NIF3L1;PPIL3;PPIL3;PPIL3;NIF3L1;PPIL3;PPIL3	0.0168396	0.913419	0.965521	-1.03571	0.834088	1.07001	1.07001	0.00146821	0.227311	-4.39925	0.652837	0.86409	-1.15729	0.413669	0.763683	-1.30944	0.00347064	0.278075	-3.59615	0.0342869	0.450817	-2.2182	0.316803	1.39635	1.39635	0.950306	0.980094	-1.02031	4.98526	8.21755	1.46522	1
cg07546684	PPIL4	0.000170028	0.005763	0.75962	-1.31645	3.77E-06	2.27157	2.27157	0.0153706	1.25362	1.25362	0.0383647	1.20002	1.20002	0.420834	0.939422	-1.06448	0.679995	0.968975	-1.03202	0.00534607	1.32155	1.32155	0.766793	0.977654	-1.02286	0.265281	1.09223	1.09223	19.1965	1.75553	0.0812894	1
cg14428767	PPIL4	0.00602997	0.0935533	0.837141	-1.19454	0.000343114	1.74292	1.74292	0.0643539	1.22178	1.22178	0.0382273	1.26048	1.26048	0.0864038	1.2003	1.2003	0.0211897	1.30613	1.30613	0.850839	0.982019	-1.01831	0.429259	0.925174	-1.08088	0.0398023	1.25744	1.25744	6.92849	1.01937	0.13078	1
cg24515799	PPIL4	0.00775184	0.20987	1.08836	1.08836	0.676516	1.02725	1.02725	0.00369437	1.28582	1.28582	0.180133	1.09549	1.09549	0.419824	1.05423	1.05423	0.358346	0.941275	-1.06239	0.137663	1.10787	1.10787	0.000253338	1.47167	1.47167	0.0622525	1.14395	1.14395	6.4073	0.41662	0.0577979	1
cg11273834	PPIL4	0.0176682	0.0123742	0.244929	-4.08281	0.0448835	0.353439	-2.82934	0.133802	0.481648	-2.0762	0.267273	0.593256	-1.68561	0.00371906	0.170254	-5.87356	0.0259083	0.302783	-3.3027	0.0152161	0.260073	-3.84507	0.200583	1.84184	1.84184	0.0679822	0.397133	-2.51805	4.9057	15.8582	2.87342	1
cg01043370	PPIL4	0.029066	0.168944	1.15486	1.15486	0.705025	0.96333	-1.03807	0.320431	0.904068	-1.10611	0.0211113	0.76153	-1.31315	0.0540583	0.806702	-1.23961	0.450763	0.927294	-1.07841	0.0130276	0.738872	-1.35341	0.306037	0.901128	-1.10972	0.0240589	1.30258	1.30258	4.13291	0.631656	0.135854	1
cg18674212	PPIL4;PPIL4	0.0428862	0.00512044	0.135712	-7.36856	0.183444	2.14293	2.14293	0.65146	0.782254	-1.27836	0.618274	1.31165	1.31165	0.52087	0.703684	-1.42109	0.00738751	0.155053	-6.44942	0.224836	0.502342	-1.99068	0.707112	0.815595	-1.2261	0.639734	1.28992	1.28992	3.58939	16.5784	4.10554	1
cg26135414	PPIL5;PPIL5	0.000565275	0.18444	0.829816	-1.20509	0.350916	0.880536	-1.13567	0.163989	1.21751	1.21751	0.000301878	0.459051	-2.17841	0.00784353	1.57166	1.57166	0.498195	0.912907	-1.0954	7.32E-05	0.384492	-2.60083	0.0318997	0.716622	-1.39544	0.110302	1.25938	1.25938	13.8114	3.84117	0.247213	1
cg01606576	PPIL5;PPIL5	0.0110443	0.0122501	0.75832	-1.31871	0.0672261	1.19943	1.19943	0.00658016	0.731343	-1.36735	0.726179	1.03166	1.03166	0.348524	0.91799	-1.08934	0.440407	1.07225	1.07225	0.00292675	0.696006	-1.43677	0.63237	0.958168	-1.04366	0.038236	0.808211	-1.2373	5.7251	0.712735	0.11066	1
cg11328875	PPIL5;PPIL5	0.0115131	0.722407	1.0982	1.0982	0.86221	0.955402	-1.04668	0.00061614	0.250412	-3.99342	0.586564	0.865707	-1.15512	0.761709	0.923235	-1.08315	0.00242655	0.329984	-3.03045	0.319224	0.763125	-1.3104	0.233767	1.38796	1.38796	0.495717	0.833884	-1.19921	5.64877	6.17029	0.970955	1
cg24668440	PPIL5;PPIL5	0.0175332	0.0445661	2.15331	2.15331	0.051151	2.09291	2.09291	0.162929	1.64097	1.64097	0.0712702	1.95415	1.95415	0.155923	1.65669	1.65669	0.190419	1.58582	1.58582	0.000918554	5.1913	5.1913	0.00591605	3.31117	3.31117	0.903133	0.96032	-1.04132	4.91834	8.61402	1.55681	1
cg04989706	PPIL5;PPIL5	0.0178419	0.0148764	0.658738	-1.51806	0.416575	0.890743	-1.12266	0.00861016	1.595	1.595	0.187131	1.21511	1.21511	0.162649	1.23085	1.23085	0.63438	1.06904	1.06904	0.171447	0.816364	-1.22494	0.011973	1.54789	1.54789	0.188552	1.21426	1.21426	4.8896	1.50382	0.273381	1
cg15522570	PPIL5;PPIL5	0.0199535	0.93876	0.994806	-1.00522	0.720258	1.02467	1.02467	0.546121	1.04227	1.04227	0.857351	1.01227	1.01227	0.470902	1.05097	1.05097	0.716902	0.975622	-1.02499	0.000339357	0.676177	-1.4789	0.663586	0.970774	-1.03011	0.209563	1.09377	1.09377	4.70828	0.342517	0.0646647	1
cg04144686	PPIL5;PPIL5	0.0255113	0.0339702	0.49969	-2.00124	0.821171	0.938516	-1.06551	0.587319	1.16601	1.16601	0.130671	0.63288	-1.58008	0.000831956	0.244135	-4.0961	0.0418761	0.518251	-1.92957	0.137431	0.638656	-1.56579	0.615667	0.86774	-1.15242	0.963612	0.987295	-1.01287	4.32662	5.38292	1.1059	1
cg04871582	PPIL5;PPIL5	0.027959	0.561383	0.800744	-1.24884	?	?	?	0.296476	1.50862	1.50862	0.00817732	0.264338	-3.78304	0.00847127	0.266914	-3.74652	?	?	?	0.145451	1.81676	1.81676	0.664176	1.17959	1.17959	0.381355	0.71142	-1.40564	4.7841	8.2327	1.72085	1
cg07081388	PPIL5;PPIL5	0.0290255	0.00125122	0.200621	-4.98451	0.323209	0.706273	-1.41588	0.954387	0.980694	-1.01969	0.484873	1.27367	1.27367	0.00906307	0.322927	-3.09667	0.11829	0.561039	-1.78241	0.926323	1.03202	1.03202	0.469249	0.778072	-1.28523	0.699646	0.876236	-1.14125	4.13495	7.60659	1.63519	1
cg19806923	PPIL5;PPIL5	0.0327202	0.565403	0.91962	-1.08741	0.566096	1.08724	1.08724	0.0228669	1.48089	1.48089	0.612241	1.07649	1.07649	0.0112885	1.58026	1.58026	0.610759	0.928652	-1.07683	0.0037227	1.75946	1.75946	0.075538	1.33014	1.33014	0.208824	1.21052	1.21052	3.96215	1.30486	0.292739	1
cg18167978	PPIL5;PPIL5;PPIL5;PPIL5	0.0248351	0.431223	0.874134	-1.14399	0.738767	1.05764	1.05764	0.701618	1.06659	1.06659	0.863657	1.0292	1.0292	0.108681	0.746032	-1.34042	0.209291	0.801237	-1.24807	0.000885624	0.434246	-2.30284	0.439379	1.14117	1.14117	0.0860934	1.37379	1.37379	4.36727	1.93944	0.394742	1
cg19056618	PPIL6;PPIL6	0.046233	0.654867	1.09267	1.09267	0.462248	0.86294	-1.15883	0.0148352	0.554106	-1.80471	0.129797	0.724436	-1.38038	0.275366	1.25048	1.25048	0.0217419	1.72049	1.72049	0.0850275	1.45516	1.45516	0.190425	1.13107	1.13107	0.8341	1.03973	1.03973	3.48996	2.14464	0.546239	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Z1T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. Z37T vs. N)	Fold-Change(537T vs. Z37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. Z63T vs. N)	F(Error	SS(Test)	SS(Error)	
cg20811607	PPIL6;PPIL5;SMPD2	0.017722	0.06795733	0.3043443	-1.28576	0.0598337	2.9216	2.9216	0.274842	0.516273	-1.93696	0.752336	0.831757	-1.20227	0.00244582	0.08060274	11.6269		0.0401249	0.251551	-3.97533	0.00958075	0.148266	-6.74462	0.01516613	0.2754413	-3.63091	0.1798151	0.436532	-2.29078	4.00369	26.2818	4.767	1
cg23978557	PPIL6;PPIL5;SMPD2	0.0210257	0.118756	0.4282725	-2.33495	0.0732608	2.71906	2.71906	0.584029	0.758142	-1.31901	0.743253	0.848236	-1.17892	0.0075295	0.1786756	5.59671		0.1376511	0.449047	-2.22694	0.00626955	0.168058	-5.95033	0.03161632	0.216861	-4.61125	0.21139	0.51719	-1.93352	4.6251	18.3697	3.53044	1
cg26589069	PPL	8.91E-05	0.0220995	0.660848	-1.51321	0.00406695	0.558715	-1.78982	0.00161133	0.5053113	-1.97897	0.0490222	0.712335	-1.40383	3.93E-05	0.304982	-3.27888		0.1256107	0.778656	-1.28426	2.32E-06	0.1725952	-5.68337	0.005178574	0.57289	-1.74554	0.01672074	0.6434471	-1.55407	22.83836	8.23879	0.320728	1
cg26639710	PPL	0.000373816	0.00128242	0.477959	-2.09223	7.78E-05	0.26772	-3.79525	0.186671	1.29425	1.29425	0.057417	0.272999	-1.48589	0.00013472	0.2956925	-3.38191		0.00224435	0.454607	-2.1997	0.00204977	0.449104	-2.22666	0.00203154	0.4483912	-2.22119	0.83474	0.962237	-1.03925	15.4863	8.32764	0.477992	1
cg08336138	PPL	0.00135788	0.189026	1.16921	1.16921	0.0019266	0.61068	-1.63752	0.00738279	0.678524	-1.47379	0.763566	0.966675	-1.03447	0.2395925	1.1294	1.12949		0.188782	1.16932	1.16932	0.00196111	0.220381	2.02081	0.0346835	0.758328	-1.31869	0.505109	1.07894	1.07894	10.7836	2.15569	0.177693	1
cg08870311	PPL	0.00192672	0.7997948	1.03051	1.03051	0.0227758	1.38027	1.38027	0.02881659	1.936541	1.95641	1.941523	0.8905568	-1.12288	0.0873985	0.7999093	-1.25001		0.123736	1.21791	1.21791	0.282565	0.876307	-1.14115	4.92E-05	2.463869	2.46389	0.257346	1.150002	0.74725	2.15864	0.1968455	1
cg10386300	PPL	0.00195502	0.0379332	0.559339	-1.78783	0.00374625	0.388739	-2.57242	0.0239519	0.521879	-1.91615	0.052695	0.587597	-1.70185	0.000325341	0.245937	-4.06609		0.00796573	0.439893	-2.27328	0.000764526	0.2920264	-3.42391	0.00117286	0.316691	-3.15765	0.339838	0.788606	-1.26806	9.70599	8.95921	0.820498	1
cg26573073	PPL	0.00300713	0.723643	1.04425	1.04425	0.2442321	0.960527	-1.0611	0.00211401	0.5903204	-1.60404	0.00027193	0.482949	-2.07051	0.0276596	0.728	-1.37363		0.4600514	1.09608	1.09608	0.0502451	1.3129	1.3129	0.137748	1.19106	1.19106	0.377148	0.895358	-1.11687	8.53094	2.008899	0.209427	1
cg26699420	PPL	0.00399312	0.0798447	0.645114	-1.55011	0.120409	1.46211	1.46211	0.00117423	0.5418846	-1.84614	-2.92668	0.0726597	0.6366021	-1.57084	0.0699486	0.6332207	-1.57596		0.07023	0.633564	-1.57837	0.0004121	0.1478	0.4845052	-2.06585	7.83657	0.32794	0.715941	1
cg26488527	PPL	0.0135198	0.657004	1.29836	1.29836	0.99434	0.995864	-1.00415	0.0129652	0.6596	0.6596	0.629835	1.32806	1.32806	0.535054	0.6928011	-1.44342		0.2556118	0.499898	-2.00041	0.249428	0.494965	-2.02035	0.02401164	4.82012	4.82012	0.000923565	18.012	18.012	5.36094	28.9806	4.80523	1
cg26145809	PPL	0.0163316	0.0663506	0.419964	-2.38076	0.0139405	0.3322	-3.01098	0.0552	0.54771	-1.8458	0.259328	0.6019092	-1.66121	0.0044777	0.3516603	-2.84377		0.0132178	0.278419	-3.59171	0.000605751	0.1133025	-8.82538	0.01313286	0.2384	-4.19588	0.1697796	0.544012	-1.83819	5.01836	13.8296	2.43988	1
cg18523626	PPM1A	0.000617444	0.25819	0.788628	-1.26803	1.71E-05	0.169461	-5.90106	0.00267717	0.433663	-2.30594	0.010422	0.522497	-1.91389	0.00513317	0.475194	2.1044		0.00650645	0.490768	-2.03762	0.472711	1.15836	1.15836	0.514394	1.14137	1.14137	0.437623	0.852687	-2.17276	13.4757	8.64572	0.570292	1
cg01514409	PPM1A	0.014724	0.0150356	0.445134	-2.3566	0.00237598	0.291261	-3.43334	0.00153387	0.263249	-3.78968	0.281367	0.923021	-1.08507	0.4255501	0.79189	-1.2628		0.0909315	0.85329	-1.1721	0.7295281	0.739158	-1.3898	0.563579	0.845981	-1.1822	0.07346681	0.564164	-1.47253	5.23259	6.79153	1.15814	1
cg04985020	PPM1A	0.0152508	0.0216072	-0.738957	-1.35326	0.999891	1.00001	1.00001	0.126522	0.834216	-1.19873	0.0141271	0.717395	-1.39393	0.004456186	0.660838	-1.51323		0.1982	0.859724	-1.16316	0.03808466	0.808723	-1.23652	0.507688	1.07649	1.07649	0.114521	0.828421	-1.20712	3.85715	0.734658	0.169304	1
cg04964845	PPM1A;PPM1A	0.00149135	0.543381	0.8936115	-1.11905	0.000327471	0.345968	-2.80944	0.000948318	0.406134	-2.46224	0.000327815	0.346026	-2.88956	0.000355013	0.507213	-1.97156		0.297603	0.820751	-1.2184	0.67852	1.0792	1.0792	0.175156	0.768232	-1.30169	0.0244184	0.612404	-1.63291	10.4697	5.55895	0.470731	1
cg23504707	PPM1A;PPM1A	0.004234	0.2227213	0.7806062	-1.28096	0.00204181	0.401746	-2.48914	0.00533451	0.4918394	-2.03259	0.0122551	0.547175	-1.82757	0.0042347	0.4772722	-2.0955		0.0609151	0.663312	-1.50759	0.0657083	1.48541	1.48541	0.259985	1.25491	1.25491	0.0772266	0.684107	-1.46176	7.7387	4.56527	0.525727	1
cg06916463	PPM1A;PPM1A;PPM1A	0.00246858	2.66E-05	0.0561842	-17.7986	0.874011	1.05655	1.05655	0.476384	0.777994	-1.28536	0.487839	0.783215	-1.27679	0.195224	1.60793	1.60793		0.488131	1.27657	1.27657	0.487966	0.783273	-1.27669	0.979788	0.991256	-1.00882	0.849541	0.936281	-1.06806	9.06572	17.2564	1.69199	1
cg09371827	PPM1A;PPM1A;PPM1A	0.0237548	0.523491	0.8349729	-1.19784	0.6159959	1.07686	1.07686	0.526914	0.89954	-1.11168	0.0879517	0.732726	-1.36477	0.686226	0.935131	-1.06937		0.22567	0.814378	-1.22791	0.2791	0.930138	-1.07483	0.324437	0.974246	0.960176	-1.16255	0.638537	1.08127	1.08127	6.53588	2.82301	0.383933	1
cg21120892	PPM1A;PPM1A;PPM1A	0.0255567	0.00843654	0.2523348	0.96278	0.939574	0.699255	-1.43009	0.2737229	0.627355	-1.59369	0.0178768	0.916778	-1.09586	0.0179908	0.916778	-1.09586		0.0851474	0.458783	-2.17968	0.0116778	0.561166	-1.78161	0.0335078	0.667167	-1.49917	0.0344184	0.686547	-1.45676	7.7387	4.76421	0.615494	1
cg01255754	PPM1A;PPM1A;PPM1A;PPM1A;PPM1A	0.0106382	0.00402306	1.61139	1.61139	0.123335	1.22887	1.22887	0.00484253	0.630444	-1.58618	0.132226	0.81825	-1.22212	0.806518	1.03076	1.03076		0.0280942	1.37747	1.37747	0.214916	1.1749	1.1749	0.302434	0.876432	-1.14099	0.29394	1.14386	1.14386	5.79455	1.39898	0.214605	1
cg04920474	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.000992986	0.31652	1.27652	1.27652	2.43E-05	7.25399	7.25399	0.675925	1.1042	1.1042	0.686251	0.908639	-1.10055	0.0710231	0.621581	-1.6088		0.00435143	2.45527	2.45527	0.0710696	0.621641	-1.60865	0.985148	0.995621	-1.0044	0.574766	1.14299	1.14299	11.79	10.379	0.782507	1
cg19844724	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.00596018	0.271651	0.720282	-1.38835	0.628624	0.869581	-1.14998	0.97E-05	0.13815	-7.23851	0.156623	0.647629	-1.54409	0.185649	1.49542	1.49542		0.384812	1.274541	-1.29109	0.0565626	0.538538	-1.86588	0.581179	1.17323	1.17323	0.718814	1.10923	1.10923	6.95344	9.05392	1.1574	1
cg20319604	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.0195767	0.100258	2.51928	2.51928	0.000887221	12.8755	12.8755	0.0311516	3.66128	3.66128	0.0444255	3.26907	3.26907	0.810454	0.884008	-1.13121		0.1883231	1.0784	1.0784	0.54603	1.36821	1.36821	0.0158902	4.55137	4.55137	0.132855	2.29804	2.29804	4.73885	19.7604	3.70656	1
cg26760909	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.0177339	0.121204	0.67953	-1.47152	0.491088	1.17406	1.17406	0.00624387	2.26933	2.26933	0.346096	0.800328	-1.24994	0.0029987	0.392247	-2.54941		0.164471	0.711035	-1.4064	0.397977	1.23016	1.23016	0.319534	1.26676	1.26676	0.888626	0.968295	-1.03232	4.209458	4.10232	0.744248	1
cg26639931	PPM1D	0.0343749	0.2059766	1.23654	1.23654	0.240499	0.820876	-1.21821	0.0586564	0.709981	-1.40853	0.118549	0.761725	-1.31281	0.038762	0.680884	-1.46868		0.962079	0.992392	-1.00767	6.10E-05	0.306641	-3.28255	0.020815	0.5999	-1.66708	0.1003	0.805872	1.04014	1.04014	8.19143	3.14708	0.363207	1
cg25625860	PPM1D	0.00674203	0.588609	0.885206	-1.12968	0.0726761	0.639446	-1.56385	0.251547	0.765297	-1.30668	0.708016	1.08764	1.08764	0.0276615	0.559134	-1.78848		0.3031571	0.787412	-1.26998	0.000113398	0.220124	-4.5429	0.354658	1.23693	1.23693	0.39221	0.822228	-1.21621	6.69292	5.28556	0.701976	1
cg26090421	PPM1D	0.0219534	0.0978836	0.6979	-1.43295	0.133716	1.59339	-1.78146	0.0402528	2.26764	2.26764	0.0860372	1.98385	1.60615	0.0711493	0.628483	-1.59103		0.0030366	2.48477	2.48477	0.379095	1.055822	-1.06422	0.49591	1.28184	1.28184	0.454201	1.13411	1.13411	4.66027	10.9944	2.35742	1
cg04180177	PPM1D	0.0244679	0.0122674	0.595182	-1.68016	0.0207451	0.62931	-1.58904	0.0758012	0.719846	-1.38919	0.230888	0.811351	-1.23251	0.0659655	0.709545	-1.40935		0.924601	1.01587	1.01587	0.0114296	1.693	1.693	0.845422	0.968053	-1.033	0.572694	0.909543	-1.09945	4.38992	2.923171	0.389521	1
cg02539911	PPM1D	0.0125096	0.0137666	0.447031	1.44702	0.124565	1.12357	1.12357	0.0520581	0.764782	-1.30756	0.725205	0.786312	-1.27173	0.0805609	1.26513	1.26513		0.218455	1.17007	1.17007	0.0945593	0.800135	-1.24979	0.0630378	1.28883	1.28883	0.993147	0.998958	-1.00104	4.35544	1.01563	0.207278	1
cg18955426	PPM1D;PPM1D	0.00165199	0.0216792	0.4284222	-2.33407	0.0117743	0.943041	-1.06052	0.5464582	0.546236	1.83268	0.0198017	1.58321	1.31561	0.0077902	1.496105	1.49611		0.2565109	0.8908303	1.12264	0.5648758	0.541629	-1.84667	0.0499192	1.19897	1.19897	0.00415562	1.72676	1.72676	5.09023	0.139948	0.027497	1
cg19040140	PPM1E	0.00150614	0.5146692	0.868617	-1.15126	0.440866	0.845726	-1.18242	0.724362	0.927298	-1.0784	0.0267365	0.571454	-1.74092	0.647625	0.906553	-1.10308		0.2966604	0.793972	-1.25949	1.42E-05	0.1465549	-6.87056	0.569134	1.13051	1.13051	0.839046	0.95757	-1.04431	10.4673	7.53437	0.639825	1
cg04342762	PPM1E	0.0149371	0.139733	1.18913	1.18913	0.0886743	0.176787	-1.31664	0.4338626	1.18623	1.18623	0.0813394	1.58021	1.24647	0.0244688	1.233083	1.45841		0.0992425	1.688145	1.45841	0.325	0.7685118	-1.30095	0.0211958	0.564219	0.7961	-1.25658	0.564219	0.7961	-1.25658	6.60221	1	
cg16374457	PPM1E	0.0345019	0.0430672	0.3801962	-2.63022	0.0805555	0.447135	-2.23646	0.0350578	0.360518	-2.77339	0.345955	0.668152	-1.49667	0.0048844	0.212297	-4.71037		0.0058117	0.222949	-4.48533	0.34554	0.667908	-1.49721	0.946111	0.02848	0.12048	0.2145	0.506308	1.97508	0.388722	10.6261	2.42987	1
cg02318535	PPM1E	0.0170521	0.0534825	0.3041911	-3.28741	0.129802	2.43025	2.43025	0.313429	1.76075	1.76075	0.603623	1.32873	1.32873	0.00630366	0.145078	-6.89285		0.1100178	0.938672	-2.57286	0.0317274	0.2550565	-3.92057	0.777296	0.857384	-1.16634	0.2013334	0.480847	-2.07966	3.78792	17.6638	4.14506	1
cg24320710	PPM1E	0.0489571	0.6642317	1.160682	1.16068	0.7434007	0.178787	-1.31664	0.4338626	1.18623	1.18623	0.0813394	1.58021	1.24647	0.0244688	1.233083	-1.47517		0.0092405	0.648145	-1.54281	6.32E-07	0.1465549	-6.87056	0.569134	1.13051	1.13051	0.839046	0.95757	-1.04431	10.4673	7.53437	0.639825	1
cg02906863	PPM1F	0.00233117	0.0041629	0.375723	-2.66154	0.000185514	0.200076	-4.9981	0.02401	0.503501	-1.98601	0.404162	0.804468	-1.24306	0.00116235	0.296488	-3.37282		0.0351886	0.535085	-1.86886	0.193783	0.703749	-1.42096	0.81071	0.940674	-1.06307	0.0033278	0.361059	-2.76963	0.921952	9.4864	0.914619	1
cg25898377	PPM1F	0.0585347	0.250428	1.14002	1.14002	0.233127	0.3495	-2.8605	0.0946603	0.58343	0.58343	0.002545	0.417371	0.165171	0.0299932	0.615373	-1.62509		0.7181772	1.166839	1.16683	0.6855694	0.9566782	-17.6435	0.0490809	0.385174	-2.59623	0.0874783	0.995218	1.00554	1.00554	6.03388	0.005	1
cg08189405	PPM1F	0.0134056	0.00288209	0.152945	-6.53832	0.12216	0.46394	-2.15545	0.778335	0.878655	-1.13811	0.737117	1.167	1.167	0.00399898	0.169767	-5.89041		0.4116559	1.46935	1.46935	0.22754	1.7873	1.7873	0.256144	0.58078	-1.72182	0.0107329	0.229989	-4.34803	3.57586	17.8923	2.95846	1
cg07544171	PPM1F	0.034657	0.4939394	0.834331	-1.19852	0.6149	0.71787	-1.39287	0.1688	0.889477	-1.11182	0.18447	1.37758	1.37758	0.0722703	0.992161	-1.0079		0.4159846	1.626215	1.62621	0.0102179	0.2215699	-4.63609	0.1438822	0.6911	-1.44739	0.88393	0.983	1.01729	1.01729	5.24234	0.742626	1
cg17527348	PPM1F	0.049219	0.149203	0.7567777	-1.32139	0.697018	0.931988	-1.07328	0.71625	1.1625	1.1625	0.111705	0.731363	1.36731	0.36772	0.742195	-1.06011		0.5935388	1.10139	1.10139	0.4624768	1.75108	1.75108	0.877903	1.02809	1.02809	0.783256	1.272673	1.80483	1.80483	0.45705	2	
cg15663678	PPM1F;PPM1F	0.0241253	0.661689	1.07046	1.07046	0.495394	0.898483	-1.11299	0.0364124	1.45657	1.45657	0.850731	0.971288	-1.02956	0.1014381	1.31952	1.31952		0.698399	1.06206	1.06206	0.00131159	0.4851154	-2.0612	0.531925	1.10286	1.10286	0.257794	1.20034	1.20034	4.41143	1.67069	0.336638	1
cg18020662	PPM1G	0.00255843	0.0158462	0.3728348	-2.68356	4.83E-05	0.0672988	-14.8591	0.0005466	0.34124	-3.30592	-3.26883	0.37121	0.2961	-3.38081	0.3602002	-2.77485		0.0137513	0.329128	-3.03833	5.78E-05	0.0719255	-13.9033	0.0001284	0.1899	-5.2773	0.1834	0.1804521	1.38477	1.38477	0.00125254	1.89491	36.1223	1
cg15661865	PPM1G;PPM1G	0.00726449	0.0285841	0.593832	-1.68398	0.0486917	0.634993	-1.57482	0.633271	0.907506	-1.10181	0.0193812	1.76873	1.76873	0.067761	0.661854	-1.51091		0.0104782	0.339323	-2.54115	0.0136238	0.540327	-1.85073	0.0581357	0.649252	-1.54023	0.450065	1.16631	1.16631	5.63897	4.21339	0.572757	1
cg23541239	PPM1G;PPM1G	0.0179256	0.103564	0.5775035	-1.45464	0.0242918	0.274774	-3.64007	0.0457028	2.21147	2.21147	0.2268	0.75744	-1.32024	0.0068373	0.564474	-1.77093		0.1713147	1.15753	1.15753	0.107039	0.6680603	-1.49729	0.1720796	0.7237397	-1.38174	0.0194828	0.8194422	-1.22037	4.88192	3.70576	0.759746	1
cg26808849	PPM1G;PPM1G	0.018755	0.12792	0.70983	-1.40879	0.00833844	0.495562	-2.01791	0.7856663	1.025725	1.05725	0.8568635	0.6384401	-1.56641	0.1473337	1.38234	1.38234		0.0047775	0.458405	-2.18147	0.109606	1.3924	1.3924	0.104056	0.6953113	-1.44694	0.182761	0.7449692	-1.34244	4.80462	1.29967	0.610461	1
cg20872072	PPM1G;PPM1G	0.0227806	0.00357346	0.1258605	-7.94503	0.583345	0.7476	-1.33761	0.146571	0.441194	-2.26657	0.11243	0.403526	-2.47816	0.0602985	0.328702	-4.04227		0.597785	1.32258	1.32258	0.0163593	0.2141316	-4.67005	0.0297691	0.2610341	-3.83081	0.00801199	0.167914	-5.95544	4.49669	19.6521	3.88215	1
cg05339853	PPM1H	0.0119871	0.982007	1.01464	1.01464	0.92548	1.14025	1.14025	0.2482	1.496	1.496	0.0515065	1.08548	1.02548	0.3415656	1.095961	1.09596		0.8988866	1.08947	1.08947	0.6837873	1.0972575	1.09725	0.6897003	1.1684	1.1684	0.7127	1.0974352	1.09744	1.09744	2.07974352	1	
cg14515699	PPM1H	0.00151244	8.38E-05	0.240507	-4.15789	0.642569	0.918288	-1.08898	0.00645252	0.508947	-1.96099	?	?	?	?	0.832824	1.03927	1.03927	?	?	?	0.111243	1.37581	1.37581	0.122206	0.734166	-1.36209	0.167367	1.31102	1.31102	13.165	5.26967	0.400278	1
cg06795200	PPM1H	0.0128113	0.0128113	0.32122	3.12122	0.0086799	3.4266	3.4266	0.0581675	0.645612	-2.19968	0.307857	1.47495	1.47495	0.0151413	0.445312	-2.24562		0.361975	1.41198	1.41198	0.0026219	0.225699	-4.43609	0.0014205	0.172415	1.72415	0.0653104	0.4668	-2.14211	7.3531	15.7867	1.90899	1
cg12549211	PPM1H	0.00793872	0.00351093	0.246847	-4.0511	0.0334913	0.345975	-4.09878	0.200729	0.620311	-1.61209	0.292086	0.679592	-1.47147	0.0015512	0.200281	-4.99297		0.0500142	0.453972	-2.20278	0.584437	0.806886	-1.23933	0.175128	0.660768	-1.66454	0.00369796	0.2500538	-3.99956	6.35951	12.5763	1.75783	1
cg25235770	PPM1H	0.0120267	0.015701	3.66708	3.66708	0.044456	2.75341	2.75341	0.00363299	5.62312	5.62312	0.0357949	2.92105	2.92105	0.221758	1.75694	1.75694		0.0369282	2.8963	2.8963	0.00241455	6.38658	6.38658	0.00699259	4.62171	4.62171	0.0574765	2.56726	2.56726	5.56948	16.9866	2.71105	1
cg21704751	PPM1H	0.0107457	0.189441	1.18944	1.18944	0.0746015	1.41533	1.41533	1	?	?	0.25683	1.77778	1.77778	0.0125717	0.247342	?		0.0015443	0.0807655	-12.3815	?	0.1004477	0.516684	-1.93542	?	?	?	?	0.1204	1.1204	1.1204	1	
cg04890137	PPM1H	0.0148666	0.0439107	0.390453	-2.56113	0.192484	1.75104	1.75104	0.0801175	0.454521	-2.20012	0.062909	0.372114	-2.68735	0.0103945	0.286567	-3.48958		0.0040623	0.207941	-4.80905	0.00830354	0.2540222	-3.93666	0.139584	0.524326	-1.90721	0.747918	1.13992	1.13992	5.19601	13.5728	2.32192	1
cg15012681	PPM1H	0.0171483	0.5158728	1.28222	1.13702	0.1674	0.247364	-4.04	0.0497	0.2147	-4.65897	0.101151	0.597041	-1.67493	0.0152313	0.378337	-2.64326		0.0202636	1.84811	1.84811	0.812188	1.12142	1.12142	0.0048236	0.05081	0.650814	0.548001	1.34	1.34	4.83896	0.26263	0.054303	1
cg09228381	PPM1H	0.0225397	0.0317683	0.506375	-1.97482	0.227776	0.710155	-1.40814	0.659081	0.886893	-1.12753	0.471789	0.820469	-1.21881	0.00151784	0.29093	-3.43726		0.4056071	0.794511	-1.25864	0.0425071	0.531796	-1.88042	0.398147	0.791459	-1.26349	0.00414878	0.353841	-2.82613	4.51618	3.22767	1.02803	1
cg26502811	PPM1H	0.0253085	0.0899852	0.780449	-1.28125	0.0238932	1.39226	1.39226	0.0308525	1.39966	1.39966	0.2920458	0.865043	-1.15601	0.143056	0.811613	-1.23211		0.0883253	0.79728	-1.25434	0.0227398	0.695639	-1.43728	0.444322	0.90175	-1.10895	0.0640313	0.758958	-1.3176	4.33867	1.20853	0.247599	1
cg20575794	PPM1H	0.0186755	0.1880752	1.18806	1.18806	0.0313114	1.24096	1.24096	0.1343343	1.203192	1.20319	0.0920385	1.07676	1.07676	0.0918385	1.16157	1.16157	0.2615457	1.160925	1.16092	0.0440933	?	?	?	?	0.1334	1.1334	0.0228639	1.14601	1.14601	4.64907	10.7257	2.01869	1
cg01825970	PPM1H	0.0295888	0.3244884	0.864891	-1.15622	0.387062	1.13483	1.13483	0.154602	1.24278	1.24278	0.8747	0.977739	-1.02277	0.00198567	0.536301	-1.86462		0.0558013	0.734095	-1.36222	0.101984	1.2909	1.2909	0.333312	0.867308	-1.15299	0.761112	1.04446	1.04446	4.10689	1.32367	0.286492	1
cg06079520	PPM1H	0.0295888	0.0325284	0.5134436	-1.94757	0.251729	0.545982	-1.83145	0.6091	0.881353	-1.13938	0.2252	0.745202	-1.34192	0.0044099	0.369359	-2.70707		0.0820404	0.648977	-1.5233	0.1512769	0.6059795	-1.64997	0.2298071	0.5926	-1.68743	0.2156501	0.633868	-1.57761	3.88991	0.9044	0.2242	1
cg26964202	PPM1H	0.0348284	0.843982	1.963482	-1.0379	0.0103013	0.8411	1.8411	0.0889816	1.42326	1.42326	0.0447201	0.647308	-1.54486	0.76048	0.05943	1.05943		0.0149668	0.747037	-1.33862	0.0425313	0.6434224	-1.55419	0.172685	0.513522	1.33522	0.661734	1.08667	1.08667	3.87401	2.18713	0.501834	1
cg10643123	PPM1H	0.0348761	0.0447113	0.198711	-5.03244	0.0137284	0.470219	0.847019	0.4457757	0.579831	-1.72464	0.0091796	0.0982933	-10.1736	0.1349964	0.323047	-3.09553		0.3163199	0.483693	-2.06743	0.113112	0.2884644	-3.35048	0.3584945	0.5160335	-1.93785	0.95763	0.963431	-1.03796	3.8721	30.1527	6.92193	1
cg08172575	PPM1H	0.781862	0.1898246	1.18982	1.18982	0.4856856	0.2290368	-4.36456	0.2184386	0.722122	1.38486	0.2703238	0.7222	1.38486	0.2703238	0.7222	-1.38486		0.458023	1.14202	1.14202	0.4845717	1.14022	1.14022	0.4845717	1.14022	1.14022

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24766816	PPP1R10	0.00362541	0.0170235	0.398023	-2.51241	0.142295	1.64781	1.64781	0.649773	0.865243	-1.15574	0.00417515	0.296594	-3.37161	0.00283245	0.272091	-3.67525
cg04862321	PPP1R10	0.00407739	0.00703899	0.329004	-3.03947	0.117557	1.72014	1.72014	0.0315854	2.2352	2.2352	0.0838146	1.84142	1.84142	0.0289664	0.43974	-2.27407
cg01023151	PPP1R10	0.00411225	0.17683	0.719831	-1.38921	0.00230439	0.377092	-2.65187	0.79567	0.942308	-1.06122	0.432164	0.832298	-1.20149	0.00162928	0.355712	-2.81126
cg03596877	PPP1R10	0.00490032	0.398955	0.834583	-1.1982	0.00335366	2.30655	2.30655	0.593056	0.893191	-1.11958	0.665075	1.09549	1.09549	0.17509	0.739353	-1.35253
cg16586538	PPP1R10	0.00693494	0.647993	0.911346	-1.09728	0.00606685	0.484952	-2.06206	0.601701	0.899105	-1.11222	0.615873	1.10756	1.10756	0.000248855	0.294906	-3.39091
cg08057698	PPP1R10	0.0124299	0.690225	0.890843	-1.12253	0.051714	0.527907	-1.89427	0.715867	1.11123	1.11123	0.331161	1.33549	1.33549	0.478513	0.8123	-1.23107
cg13522406	PPP1R10	0.0193766	0.719213	0.907567	-1.10185	0.00328759	2.93298	2.93298	0.0401682	1.89076	1.89076	0.286177	1.34657	1.34657	0.0863499	0.601095	-1.66363
cg26672159	PPP1R10	0.0220118	0.048814	0.441309	-2.26598	0.820886	1.08594	1.08594	0.2239	1.59128	1.59128	0.0596468	2.16571	2.16571	0.0397317	0.421265	-2.37381
cg26749853	PPP1R10	0.0224729	0.984469	1.00325	1.00325	0.0011502	2.21734	2.21734	0.0703265	1.40097	1.40097	0.557021	1.10406	1.10406	0.508699	0.894279	-1.11822
cg13170891	PPP1R10	0.0283581	0.136694	0.723539	-1.3821	0.0985116	1.44151	1.44151	0.619143	0.903806	-1.10643	0.232997	0.776922	-1.28713	0.00222949	0.421268	-2.37378
cg26058884	PPP1R10	0.0313746	0.867905	0.941109	-1.06258	0.00533293	3.81316	3.81316	0.00285104	4.46933	4.46933	0.298705	1.48107	1.48107	0.461505	0.760831	-1.31435
cg05591701	PPP1R10	0.0400236	0.869878	0.978752	-1.02171	0.566307	0.926869	-1.0789	0.0856511	0.779681	-1.28258	0.590792	0.931362	-1.0737	0.0164193	0.681021	-1.46838
cg19321603	PPP1R11	2.49E-05	0.0104931	0.515405	-1.94022	0.249324	0.780533	-1.28118	0.596516	1.11623	1.11623	0.148059	0.726643	-1.37619	1.54E-06	0.082151	-12.1727
cg20858577	PPP1R11	0.000133266	0.100217	0.713069	-1.40239	0.424578	1.16547	1.16547	0.369502	0.841088	-1.18894	0.0467874	0.652182	-1.53331	2.76E-06	0.120909	-8.27066
cg00845862	PPP1R11	0.000759071	0.000696301	0.502361	-1.9906	0.998916	0.999819	-1.00018	0.0456859	0.737203	-1.35648	0.170903	1.21414	1.21414	0.0202	0.688832	-1.45173
cg25991756	PPP1R11	0.0010672	0.393352	1.1427	1.1427	0.0187245	1.54445	1.54445	0.132919	1.28063	1.28063	0.436583	0.885959	-1.12872	0.205261	0.815549	-1.22617
cg25089685	PPP1R11	0.001114	0.00460124	0.435929	-2.29395	0.606355	0.891879	-1.12123	0.910165	0.975459	-1.02516	0.00766273	0.470239	-2.12658	2.54E-05	0.158967	-6.29063
cg26817121	PPP1R11	0.0011151	0.294873	0.828993	-1.20628	0.00106122	2.30611	2.30611	0.00173049	2.16307	2.16307	0.0418872	0.667089	-1.49905	0.000468981	0.387062	-2.58357
cg13843531	PPP1R11	0.00253011	0.00430006	0.349437	-2.86175	0.084219	1.69226	1.69226	0.0109858	2.4078	2.4078	0.00161458	0.287965	-3.47264	0.0360301	1.95727	1.95727
cg08274029	PPP1R11	0.0037319	0.0346109	0.239265	-4.17946	0.00510387	0.11669	-8.56975	0.0133423	0.16873	-5.92663	0.857007	1.11038	1.11038	0.000827158	0.0537645	-18.5996
cg04987004	PPP1R11	0.00742233	0.00761508	0.750129	-1.3331	0.0943202	1.1666	1.1666	0.0269822	0.80297	-1.24538	0.106446	1.15917	1.15917	0.031259	1.23582	1.23582
cg05057014	PPP1R11	0.00939819	0.495423	0.942283	-1.06125	0.413436	0.930709	-1.07445	0.461985	1.06642	1.06642	0.581244	0.953282	-1.04901	0.568595	0.951716	-1.05073
cg26188072	PPP1R11	0.011539	0.138616	0.735307	-1.35998	0.0319446	1.6238	1.6238	0.0111853	1.84622	1.84622	0.178441	0.759028	-1.31748	0.00301508	0.456468	-2.19073
cg08073009	PPP1R11	0.0119422	0.105394	0.421498	-2.37249	0.404403	0.659269	-1.51683	0.0677425	2.71633	2.71633	0.197655	1.94446	1.94446	0.116317	0.434578	-2.30108
cg10930226	PPP1R11	0.0138504	0.0851581	0.487011	-2.05334	0.612421	0.824388	-1.21302	0.152554	0.560349	-1.7846	0.00759835	0.273172	-3.66069	0.639754	0.836786	-1.19505
cg11368699	PPP1R11	0.015104	0.0922506	0.736802	-1.35722	0.083423	0.729177	-1.37141	0.0712395	1.39389	1.39389	0.44636	1.13648	1.13648	0.00611613	0.554478	-1.8035
cg00526791	PPP1R11	0.0186202	0.0775906	1.43556	1.43556	0.00315207	0.475349	-2.10372	0.758443	1.0585	1.0585	0.457719	0.869894	-1.14957	0.265339	0.807388	-1.23856
cg26092988	PPP1R11	0.020575	0.316411	0.906369	-1.1033	0.286686	1.11072	1.11072	0.121039	0.852511	-1.17301	0.883909	0.986228	-1.01396	0.00162592	0.651432	-1.53508
cg01386282	PPP1R11	0.0233868	0.0431368	0.868531	-1.15137	0.284199	1.06972	1.06972	0.377383	1.0564	1.0564	0.852162	1.01137	1.01137	0.954361	0.996539	-1.00347
cg12803811	PPP1R11	0.0329288	0.0020933	0.395489	-2.52852	0.109255	1.45385	1.45385	0.901152	1.02698	1.02698	0.696704	0.919491	-1.08756	0.0646513	0.641003	-1.56005
cg08878352	PPP1R11	0.0350895	0.983506	0.997981	-1.00202	0.36126	1.0961	1.0961	0.0179485	1.32469	1.32469	0.134581	0.854077	-1.17085	0.91224	0.989279	-1.01084
cg03311849	PPP1R12A;PPP1R12A	7.30E-06	8.44E-08	0.012769	-78.3145	0.310297	0.771721	-1.29581	0.0782668	1.62068	1.62068	0.0128401	2.14407	2.14407	0.220934	1.37385	1.37385
cg24979630	PPP1R12A;PPP1R12A	0.000684567	0.352232	1.2376	1.2376	0.880191	0.967973	-1.03309	0.165182	1.41013	1.41013	0.0438887	1.80186	1.80186	0.0199546	2.13818	2.13818
cg14263244	PPP1R12A;PPP1R12A	0.00172446	0.782055	0.943293	-1.06012	0.000173975	3.82444	3.82444	0.00814939	2.03994	2.03994	0.0949557	0.679578	-1.4715	0.358919	0.819891	-1.21967
cg12817423	PPP1R12A;PPP1R12A	0.0143896	0.0463643	0.532526	-1.87784	0.0972806	0.605021	-1.65284	0.262946	1.38027	1.38027	?	?	?	0.37916	0.779474	-1.28292
cg01576496	PPP1R12A;PPP1R12A;PPP1R12A	0.000309215	0.0403901	0.672478	-1.48704	0.00684582	1.79853	1.79853	0.725079	1.06096	1.06096	0.0586777	1.43034	1.43034	0.000961582	0.438672	-2.27961
cg08256761	PPP1R12A;PPP1R12A;PPP1R12A	0.0143333	0.433077	1.44358	1.44358	0.568745	0.767716	-1.30257	0.887295	1.06724	1.06724	0.174434	1.94053	1.94053	0.140661	2.0695	2.0695
cg26619570	PPP1R12A;PPP1R12A;PPP1R12A	0.0369896	0.49724	0.839813	-1.19074	0.018958	0.486908	-2.05378	0.0203235	0.492363	-2.03102	0.458577	1.21067	1.21067	0.695283	0.905098	-1.10485
cg26796407	PPP1R12B;PPP1R12B	0.000561089	0.335233	0.866643	-1.15388	0.619244	0.93039	-1.07482	0.00123362	0.506407	-1.9747	0.000433691	0.448712	-2.2286	0.00011196	0.376046	-2.65925
cg10091705	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.000161135	0.0632173	0.902637	-1.10787	0.000104778	1.39947	1.39947	0.00110309	1.26596	1.26596	0.35419	1.04784	1.04784	0.0113698	0.856114	-1.16807
cg16119372	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.000854893	0.115516	0.699127	-1.43036	0.00130056	2.66397	2.66397	0.913634	1.02295	1.02295	0.00752839	2.05329	2.05329	0.00170916	0.391865	-2.5519
cg23250906	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.00629049	0.388116	0.853247	-1.17199	0.00454337	0.507505	-1.97042	0.00316464	0.485075	-2.06154	0.785635	0.952262	-1.05013	0.00151925	0.440745	-2.26888
cg05798608	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.0476414	0.226275	0.651151	-1.53574	0.0250211	2.46038	2.46038	0.00692966	3.25399	3.25399	0.185626	0.622562	-1.60627	0.489048	0.788749	-1.26783
cg23035897	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.00889352	0.885419	0.977578	-1.02294	0.00705562	1.7292	1.7292	0.000912901	2.18076	2.18076	0.260586	0.831488	-1.20266	0.76302	0.953555	-1.04871
cg26450747	PPP1R12C	5.02E-05	0.000107749	0.622099	-1.60746	0.885777	1.01004	1.01004	0.00913972	1.25882	1.25882	0.0467521	1.17149	1.17149	0.293343	1.07872	1.07872
cg22372930	PPP1R12C	0.000110129	0.493813	0.844472	-1.18417	0.0658432	1.65221	1.65221	0.00865517	2.25737	2.25737	2.40E-06	16.2512	16.2512	0.0919014	1.57051	1.57051
cg26358497	PPP1R12C	0.000163873	0.000156488	0.386996	-2.58401	0.00378201	0.563712	-1.77396	0.0199853	1.50973	1.50973	0.0102331	0.621938	-1.60788	0.23938	1.19812	1.19812
cg25794819	PPP1R12C	0.00223505	0.0598375	1.24692	1.24692	0.0168551	0.738585	-1.35394	0.00436447	0.673194	-1.48546	0.0018964	1.57997	1.57997	0.079903	1.22378	1.22378
cg02474116	PPP1R12C	0.0181759	0.561117	1.21691	1.21691	0.475748	0.784848	-1.27413	0.324232	0.711695	-1.4051	0.405928	1.32849	1.32849	0.201183	0.637018	-1.56981
cg11778253	PPP1R12C	0.0249289	0.00915147	0.276125	-3.62155	0.2509	0.62726	-1.59424	0.360777	0.694027	-1.44087	0.0388894	0.394712	-2.53349	0.186099	0.579848	-1.72459
cg09533178	PPP1R12C	0.0369004	0.85021	1.19657	1.19657	0.00649703	28.7255	28.7255	0.124113	4.85798	4.85798	0.0664848	7.05294	7.05294	0.0107244	20.9834	20.9834
cg10066332	PPP1R13B	2.05E-05	0.00709615	0.735881	-1.35892	0.545388	1.05544	1.05544	0.0324376	1.24704	1.24704	0.388761	0.925078	-1.08099	0.00213546	1.46286	1.46286
cg12011267	PPP1R13B	0.00765224	0.101158	0.714914	-1.39877	0.0712013	0.686083	-1.45755	0.000538483	2.73568	2.73568	0.178738	1.30613	1.30613	0.181773	1.30342	1.30342
cg20066488	PPP1R13B	0.00920615	0.547645	1.15123	1.15123	0.0172077	1.95785	1.95785	0.258855	0.761348	-1.31346	0.00211959	2.71792	2.71792	0.143756	0.695191	-1.43845
cg00662002	PPP1R13B	0.0116609	0.5485	1.09839	1.09839	0.0557174	1.39804	1.39804	0.00463213	1.79005	1.79005	0.000755751	2.20215	2.20215	0.35733	1.15757	1.15757
cg04246008	PPP1R13B	0.0166468	0.347507	1.25021	1.25021	0.098191	1.52006	1.52006	0.0249775	1.85115	1.85115	0.161816	1.41181	1.41181	0.655068	0.901401	-1.10938
cg10541843	PPP1R13B	0.0253749	0.50307	0.774342	-1.29142	0.0110108	3.32079	3.32079	0.936269	0.970355	-1.03055	0.0184385	2.93228	2.93228	0.0912353	0.496603	-2.01368
cg23397216	PPP1R13L;PPP1R13L	2.24E-05	0.0724299	0.690556	-1.44811	4.37E-05	4.1881	4.1881	0.000427509	2.80086	2.80086	0.000132962	3.39965	3.39965	0.000125174	3.43612	3.43612
cg17380238	PPP1R13L;PPP1R13L	4.47E-05	1.24E-05	2.48572	2.48572	0.00470812	0.689856	-1.44958	0.136186	1.17202	1.17202	0.829112	0.978859	-1.0216	0.251819	0.888391	-1.12563
cg00992039	PPP1R13L;PPP1R13L	8.04E-05	0.00217992	0.407456	-2.45426	0.00015757	0.259255	-3.8572	0.0277143	0.580754	-1.7219	0.397133	1.19849	1.19849	0.543876	1.13688	1.13688
cg18741372	PPP1R13L;PPP1R13L	0.000398437	0.900711	0.976697	-1.02386	0.00270003	0.457029	-2.18804	0.502021	1.13736	1.13736	0.0701691	1.46581	1.46581	0.00757083	0.52259	-1.91354
cg27553457	PPP1R13L;PPP1R13L	0.000446799	0.00170345	5.60902	5.60902	0.000161552	11.9266	11.9266	0.0583088	2.2782	2.2782	0.0328816	2.61271	2.61271	0.00332146	4.65804	4.65804
cg00445518	PPP1R13L;PPP1R13L	0.00135121	0.201262	1.23454	1.23454	0.245696	1.2087	1.2087	0.814443	0.963962	-1.03739	0.557395	1.09706	1.09706	0.773267	1.04613	1.04613
cg04683509	PPP1R13L;PPP1R13L	0.00484378	0.595783	1.12045	1.12045	0.00237067	2.46059	2.46059	0.0125304	1.93433	1.93433	0.000881649	2.88339	2.88339	0.051425	1.60174	1.60174
cg18064256	PPP1R13L;PPP1R13L	0.00847296	0.796495	0.894679	-1.11772	0.0191385	3.39041	3.39041	0.941977	0.969139	-1.03184	0.639564	0.81618	-1.22522	0.00291671	0.171822	-5.81999
cg27152890	PPP1R13L;PPP1R13L	0.0114595	0.0165556	9.34402	9.34402	0.027129	7.36598	7.36598	0.0361354	6.42591	6.42591	0.122516	3.5879	3.5879	0.00767069	13.6812	13.6812
cg27111756	PPP1R13L;PPP1R13L	0.0129592	0.201505	1.47487	1.47487	0.0226451	2.19499	2.19499	0.319286	1.34514	1.34514	0.608364	1.16054	1.16054	0.893172	0.962033	-1.03947
cg19426388	PPP1R13L;PPP1R13L	0.0200616	0.0272326	0.443329	-2.25566	0.187095	0.647102	-1.54535	0.00178646	0.250633	-3.9899	0.167523	0.632586	-1.58081	0.00724738	0.340148	-2.9399
cg07637658	PPP1R13L;PPP1R13L	0.0397543	0.976453	1.00672	1.00672	0.019021	0.525041	-1.90461	0.00917153	0.47196	-2.11883	0.639433	0.898455	-1.11302	0.00858591	0.467335	-2.13979
cg10662093	PPP1R14A	0.0186515	0.662894	0.773571	-1.29271	0.232167	0.480264	-2.08219	0.00515902	8.68629	8.68629	0.682589	1.27209	1.27209	0.693851	0.793292	-1.26057
cg15011260	PPP1R14A	0.0412061	0.0899314	0.592353	-1.68818	0.0425407	0.519822	-1.92374	0.012465	0.418517	-2.38939	0.304199	1.34731	1.34731	0.0268817	0.479794	-2.08423
cg13360871	PPP1R14B	0.000342145	0.111449	0.886033	-1.12863	0.114141	0.886971	-1.12743	0.0733213	0.869905	-1.14955	0.665707	1.0308	1.0308	0.168865	0.902749	-1.10773
cg10531864	PPP1R14B	0.000951013	0.183814	0.847787	-1.17954	0.0686952	0.787715	-1.2695	0.188742	1.17712	1.17712	0.948553	0.992472	-1.00759	0.00653228	1.51261	1.51261
cg09587634	PPP1R14B	0.00242225	0.000666255	0.252873	-3.95456	0.0276586	0.502978	-1.98816	0.00980406	0.422394	-2.36746	0.815059	0.940028	-1.0638	0.000794326	0.262475	-3.80988
cg07475890	PPP1R14B	0.0162661	0.157363	1.20057	1.20057	0.0425304	0.754011	-1.32624	0.0163407	0.701253	-1.42602	0.00518526	0.64014	-1.56216	0.0876271	1.256	1.256
cg16281248	PPP1R14B	0.0242224	0.704046	1.06806	1.06806	0.119665	1.33815	1.33815	0.602965	1.09475	1.09475	0.123446	1.33358	1.33358	0.582642	1.10048	1.10048
cg09608387	PPP1R14C	9.08E-05	0.939411	1.02605	1.02605	0.182221	1.61443	1.61443	0.41983	1.3216	1.3216	0.485537	0.786821	-1.27094	0.464573	1.28636	1.28636
cg19600023	PPP1R14C	0.00468695	0.00584811	0.271366	-3.68506	0.302986	0.679987	-1.47062	0.00549663	0.267282	-3.74136	0.00856842	0.29754	-3.3609	0.00258238	0.220942	-4.52607
cg20134151	PPP1R14C	0.00830059	0.271507	0.709697	-1.40905	0.00251264	0.284457	-3.51547	0.0248789	0.449407	-2.22516	0.75932	0.912053	-1.09643	0.0681504	0.542327	-1.8439
cg11892781	PPP1R14C	0.018677	0.184408	1.25581	1.25581	0.0031732	0.520977	-1.91947	0.137062	0.771738	-1.29578	0.277476	1.20049	1.20049	0.790095	1.04411	1.04411
cg25763374	PPP1R14C	0.0310163	0.00869867	0.293515	-3.40698	0.100289	0.516795	-1.935	0.558858	0.80502	-1.24221	0.49471	0.775527	-1.28945	0.0122172	0.318341	-3.14128
cg23364428	PPP1R14C	0.0310541	0.00317698	0.51618	-1.93731	0.496853	0.892958	-1.11987	0.121492	0.759172	-1.31722	0.44205	1.13729	1.13729	0.26023	1.21256	1.21256
cg21511194	PPP1R14C	0.0311682	0.0599133	1.30513	1.30513	0.3464	1.12936	1.12936	0.0499356	1.32379	1.32379	0.572529	1.07416	1.07416	0.786583	0.966527	-1.03463
cg17288747	PPP1R14C	0.047749	0.0624978	0.628499	-1.59109	0.190876	1.35909	1.35909	0.0078347	0.469541	-2.12974	0.295387	0.786326	-1.27174	0.34183	0.804953	-1.24231
cg04968426	PPP1R14D;PPP1R14D	4.36E-05	1.64E-06	0.0765626	-13.0612	0.044664	0.611616	-1.63501	0.000708776	0.332766	-3.00512	0.422558	1.19092	1.19092	4.88E-05	0.196259	-5.0953
cg06678772	PPP1R14D;PPP1R14D	0.0258095	0.410656	1.30376	1.30376	0.543253	0.823663	-1.21409	0.00856294	0.347355	-2.8789	0.0792626	1.84826	1.84826	0.0412577	0.476025	-2.10073
cg03707168	PPP1R15A	0.00244675	0.504298	1.29423	1.29423	0.0916649	2.02769	2.02769	0.178945	1.72196	1.72196	0.019028	0.339403	-2.94635	0.0347851	0.391974	-2.55119
cg16264781	PPP1R15A	0.00281938	0.172672	1.66534	1.66534	0.630577	1.18565	1.18565	0.487187	1.28156	1.28156	0.898808	0.956274	-1.04573	5.26E-05	0.0702624	-14.2324
cg19366381	PPP1R15A	0.00843659	0.48335	1.16929	1.16929	0.943176	0.984471	-1.01577	0.00360258	0.420939	-2.37564	0.40966	1.20337	1.20337	0.0206384	0.542264	-1.84412
cg00491839	PPP1R15A	0.0224085	0.194244	1.14427	1.14427	0.157178	1.16004	1.16004	0.325983	1.10464	1.10464	0.874479	0.984606	-1.01563	0.489025	1.07141	1.07141
cg06896857	PPP1R15A;PPP1R15A	0.000970683	0.444026	1.1428	1.1428	0.0605836	0.696335	-1.43609	0.651774	1.08081	1.08081	0.30337	0.833302	-1.20004	0.750668	0.946928	-1.05605
cg22449766	PPP1R15B	3.14E-05	0.0518831	0.442995	-2.25736	0.466908	0.761488	-1.31322	3.47E-07	0.00440622	-226.952	0.00267534	0.21696	-4.60915	0.0019521	0.199456	-5.01365
cg19692604	PPP1R15B	0.000344127	0.116567	0.759249	-1.31709	0.0514339	1.43071	1.43071	0.00137204	2.11693	2.11693	0.00732497	1.74793	1.74793	0.0370616	0.676343	-1.47854
cg06826039	PPP1R15B	0.000845059	0.00328457	1.27397	1.27397	0.837698	0.987679	-1.01247	0.64233	0.972124	-1.02867	0.000326854	1.42042	1.42042	0.000339031	1.4177	1.4177
cg21908248	PPP1R15B	0.00284731	0.0944759	0.529844	-1.88735	0.0918827	0.526565	-1.8991	0.35668	0.723124	-1.38289	0.189685	0.62051	-1.61158	0.640176	0.851737	-1.17407
cg00745274	PPP1R15B	0.00309754	0.111412	0.654931	-1.52688	0.231862	1.35806	1.35806	0.173334	1.42422	1.42422	0.00136876	0.321823	-3.1073	0.963058	0.988759	-1.01137
cg16175258	PPP1R15B	0.02662	0.681171	0.944659	-1.05858	0.0971128	0.778085	-1.28521	0.795456	0.964833	-1.03645	0.0922886	1.2909	1.2909	0.575069	1.08118	1.08118
cg16072030	PPP1R15B	0.0393571	0.366769	1.12441	1.12441	0.0484377	1.32996	1.32996	0.0440261	1.33997	1.33997	0.591532	0.933789	-1.07091	0.561009	1.07717	1.07717
cg26906418	PPP1R15B	0.0451615	0.518481	0.880561	-1.13564	0.00817749	1.93019	1.93019	0.343541	1.20877	1.20877	0.0838332	0.689521	-1.45028	0.0716494	0.676495	-1.47821
cg06398396	PPP1R16A	0.000103046	0.0006913	2.79494	2.79494	0.0204598	1.7407	1.7407	0.020134	1.74421	1.74421	0.015994	1.79552	1.79552	0.000268252	0.305232	-3.2762
cg26078439	PPP1R16A	0.00140858	0.0280553	0.814723	-1.22741	0.123366	0.876509	-1.14089	0.009258	0.770423	-1.29799	0.0830722	1.16363	1.16363	0.0239934	1.23695	1.23695
cg12515371	PPP1R16A	0.00872897	0.121018	1.57421	1.57421	0.435384	0.806721	-1.23959	0.560643	0.853173	-1.1721	0.245639	1.3878	1.3878	0.00198362	0.307604	-3.25093
cg17574911	PPP1R16A	0.0102317	0.0288847	2.41644	2.41644	0.101416	1.84811	1.84811	0.256435	1.50027	1.50027	0.0161435	2.7399	2.7399	0.0691153	0.498344	-2.00665
cg13257436	PPP1R16A	0.0121125	0.177408	1.85936	1.85936	0.137064	1.99959	1.99959	0.73992	1.15505	1.15505	0.397778	1.45443	1.45443	0.455218	1.3897	1.3897
cg25098585	PPP1R16B	0.000189767	0.000318122	0.356396	-2.80587	0.0631337	1.4476	1.4476	0.00779917	0.546354	-1.83031	0.0672876	1.43747	1.43747	0.29798	0.826187	-1.21038
cg06207052	PPP1R16B	0.000485781	0.377688	1.12338	1.12338	0.407069	1.11517	1.11517	0.000228998	2.19624	2.19624	0.0179582	1.44716	1.44716	0.354462	0.884755	-1.13026
cg02811473	PPP1R16B	0.00215705	0.912391	0.967598	-1.03349	0.00772413	2.78477	2.78477	0.345391	0.747634	-1.33755	0.319921	1.36015	1.36015	0.00521196	0.331793	-3.01393
cg11172693	PPP1R16B	0.00977819	0.264936	1.25058	1.25058	0.0564562	0.659914	-1.51535	0.925942	0.982266	-1.01805	0.627158	1.09879	1.09879	0.131608	0.731063	-1.36787
cg10305789	PPP1R16B	0.0197932	0.827276	0.954587	-1.04757	0.0468201	1.62262	1.62262	0.500704	1.15647	1.15647	0.608414	1.11617	1.11617	0.0471706	0.616894	-1.62102
cg16958860	PPP1R16B	0.031187	0.529753	1.1868	1.1868	0.163933	1.49124	1.49124	0.0115563	0.427582	-2.33873	0.271758	1.3604	1.3604	0.076376	0.588382	-1.69958
cg22128431	PPP1R16B;PPP1R16B	0.0322549	0.0877443	1.36828	1.36828	0.0459388	0.68344	-1.46319	0.0671759	1.40681	1.40681	0.371339	1.165	1.165	0.140364	1.30201	1.30201
cg13128117	PPP1R1A	0.00583702	0.0863302	0.736648	-1.3575	0.0185175	1.5852	1.5852	0.177853	0.793768	-1.25981	0.106057	0.752213	-1.32941	0.546296	0.906205	-1.1035
cg05657717	PPP1R1A	0.00995158	0.599416	0.915472	-1.09233	0.517403	1.11557	1.11557	0.340318	0.848956	-1.17792	0.0948201	1.35787	1.35787	0.0151504	0.608229	-1.64412
cg15542657	PPP1R1A;PPP1R1A	0.0330538	0.00780337	0.727031	-1.37546	0.191373	0.878873	-1.13782	0.943549	0.993412	-1.00663	0.719589	0.96691	-1.03422	0.757982	0.971563	-1.02927
cg15070513	PPP1R1B	0.00505266	0.000187214	4.92098	4.92098	0.532119	1.17346	1.17346	0.125255	0.657431	-1.52107	0.275912	0.750902	-1.33173	0.491559	1.19313	1.19313
cg00112517	PPP1R1B	0.0374258	0.915131	0.988219	-1.01192	0.597806	0.942531	-1.06097	0.0383355	1.30581	1.30581	0.323914	1.11992	1.11992	0.390276	0.906768	-1.10282
cg18575532	PPP1R1B;PPP1R1B	0.000163918	0.547838	0.816854	-1.22421	0.40365	0.752572	-1.32878	0.0220622	0.40123	-2.49233	0.564313	0.823787	-1.21391	0.257169	0.674787	-1.48195
cg14697334	PPP1R1B;PPP1R1B	0.00180494	0.113341	1.40872	1.40872	0.897086	0.974592	-1.02607	0.0348114	0.613079	-1.63111	0.0141704	1.82567	1.82567	0.0170778	0.560882	-1.78291
cg09762778	PPP1R1B;PPP1R1B	0.00248921	0.122661	1.13108	1.13108	0.117301	1.13345	1.13345	0.000227053	1.57032	1.57032	0.00163449	1.39404	1.39404	0.577374	1.04232	1.04232
cg24520381	PPP1R1B;PPP1R1B	0.00635313	0.423076	1.27885	1.27885	0.29103	1.39007	1.39007	0.705328	0.892085	-1.12097	0.911119	0.966992	-1.03414	0.00348067	0.303643	-3.29334
cg06068801	PPP1R1B;PPP1R1B	0.0196037	0.929774	1.02168	1.02168	0.530884	1.16699	1.16699	0.393816	0.808568	-1.23675	0.576071	1.14731	1.14731	0.00349274	0.381349	-2.62227
cg19920006	PPP1R1C	4.90E-06	0.000168667	0.572545	-1.74659	2.79E-05	0.487336	-2.05197	2.47E-05	0.481638	-2.07625	0.0018648	0.680762	-1.46894	6.78E-06	0.418863	-2.38742
cg12037512	PPP1R1C	0.00209278	0.00435745	0.480001	-2.08333	0.0263683	0.602026	-1.66106	0.0064364	0.505173	-1.97952	0.238725	0.788381	-1.26842	0.0575023	0.661033	-1.51278
cg00494544	PPP1R2	0.0041583	0.010914	0.21908	-4.56454	0.0984528	0.422686	-2.36582	0.0342859	0.309285	-3.23326	0.255538	0.568905	-1.75776	0.00382018	0.156719	-6.38085
cg14265868	PPP1R2	0.0168136	0.765544	1.04819	1.04819	0.136295	0.77676	-1.2874	0.00291598	1.90355	1.90355	0.437108	0.882708	-1.13288	0.311344	0.848024	-1.17921
cg27230534	PPP1R2	0.036703	0.0914823	0.549062	-1.82129	0.198617	0.645156	-1.55001	0.055287	0.496129	-2.0156	0.575019	0.832974	-1.20052	0.0234421	0.41753	-2.39504
cg04885336	PPP1R2	0.0405628	0.228653	0.743582	-1.34484	0.570783	1.14379	1.14379	0.0459758	1.70974	1.70974	0.408318	1.21936	1.21936	0.0931565	0.64848	-1.54207
cg04332258	PPP1R2;PPP1R2	0.0277274	0.21983	1.26051	1.26051	0.017386	0.594706	-1.6815	0.0414208	1.52507	1.52507	0.00795666	0.543056	-1.84143	0.213485	0.790516	-1.265
cg14427382	PPP1R2P1	1.19E-07	0.0382185	0.823259	-1.21468	0.450154	0.939597	-1.06429	0.236698	0.904489	-1.1056	0.0400896	0.825242	-1.21177	9.89E-10	0.0811285	-12.3261
cg19628603	PPP1R2P1	0.000342447	0.793114	1.05578	1.05578	2.04E-05	5.91663	5.91663	0.000626254	2.96262	2.96262	0.0019816	2.46519	2.46519	0.00223462	2.42093	2.42093
cg23465426	PPP1R2P1	0.000365464	0.000150981	0.475806	-2.1017	0.0689737	0.792644	-1.2616	0.0296421	0.746505	-1.33958	0.379629	0.902202	-1.1084	4.33E-05	0.412164	-2.42622
cg08072933	PPP1R2P1	0.000415746	0.00155684	0.26663	-3.75052	0.00747775	0.367548	-2.72074	9.55E-05	0.132806	-7.52977	0.0327727	0.483862	-2.06671	0.000634178	0.217484	-4.59803
cg22454474	PPP1R2P1	0.000463259	0.000426703	0.115652	-8.6466	0.00149778	0.170305	-5.87181	0.000526467	0.123793	-8.07798	0.0373182	0.392704	-2.54645	0.002701	0.201293	-4.96787
cg24540269	PPP1R2P1	0.00082289	0.0434888	0.526309	-1.90003	0.0104341	0.410062	-2.43866	0.000255108	0.189099	-5.28824	0.0308751	0.49619	-2.01536	8.57E-05	0.142252	-7.02976
cg13617603	PPP1R2P1	0.00160743	0.000712023	0.190975	-5.2363	0.00256247	0.261004	-3.83135	0.0170939	0.393154	-2.54353	0.498442	0.801955	-1.24695	0.000332805	0.155729	-6.42141
cg17352045	PPP1R2P1	0.00194741	0.898728	0.970631	-1.03026	0.000187481	4.37387	4.37387	0.0312148	1.80732	1.80732	0.00848705	2.19587	2.19587	0.0134405	2.04732	2.04732

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24766816	0.00811909	0.341951	-2.92439	0.00158263	0.237844	-4.20444	0.638829	1.16146	1.16146	0.014085	0.38306	-2.61056	8.08807	12.8425	1.4114	1
cg04862321	0.154447	0.614845	-1.62643	0.00116756	0.218513	-4.57639	0.637849	1.16333	1.16333	0.032717	0.450531	-2.2196	7.80724	12.5902	1.43345	1
cg01023151	0.00129632	0.341951	-2.9244	0.00154448	0.352471	-2.83711	0.826998	0.951115	-1.0514	0.0797257	0.640635	-1.56095	7.78721	6.46682	0.738171	1
cg03596877	0.801311	0.948569	-1.05422	0.916077	0.97817	-1.02232	0.00021083	3.65965	3.65965	0.102269	1.45417	1.45417	7.38382	5.12756	0.617273	1
cg16586538	0.13198	0.720114	-1.38867	0.0965762	0.691819	-1.44546	0.142537	1.37484	1.37484	0.217638	0.769565	-1.29944	6.6344	4.28558	0.574189	1
cg08057698	0.0409027	0.506183	-1.97557	0.00135992	0.261424	-3.82521	0.207591	1.46728	1.46728	0.00547153	0.348516	-2.8693	5.51011	7.2648	1.17196	1
cg13522406	0.800935	0.934379	-1.07023	0.104758	0.621071	-1.61012	0.067514	1.73378	1.73378	0.118427	0.634198	-1.57679	4.75537	5.43568	1.01605	1
cg26672159	0.321677	0.6892	-1.45096	0.00234881	0.213649	-4.68058	0.874055	1.05937	1.05937	0.218244	0.624473	-1.60135	4.5531	9.53156	1.86082	1
cg26749853	0.0842677	0.727364	-1.37483	0.339468	0.848666	-1.17832	0.0715426	1.39847	1.39847	0.600138	1.09216	1.09216	4.52079	1.9889	0.391061	1
cg13170891	0.0587757	0.649957	-1.53856	0.177207	0.748651	-1.33574	0.132276	1.388	1.388	0.576987	0.892493	-1.12046	4.16906	2.68993	0.573522	1
cg26058884	0.93571	0.971012	-1.02985	0.580813	0.815977	-1.22553	0.142959	1.77547	1.77547	0.92604	0.966711	-1.03443	4.02215	8.46958	1.87176	1
cg05591701	0.00986684	0.652343	-1.53293	0.167824	0.824834	-1.21236	0.955651	1.00731	1.00731	0.004695	0.611244	-1.63601	3.68234	1.00084	0.241596	1
cg19321603	0.000125248	0.252807	-3.95559	6.18E-06	0.124834	-8.01065	0.02803	0.586213	-1.70586	0.000755602	0.349559	-2.86075	31.9774	21.4479	0.596196	1
cg20858577	0.00153952	0.425041	-2.35271	0.000176015	0.302855	-3.30191	0.0352965	0.631082	-1.58458	0.0224479	0.598411	-1.67109	20.4994	11.4475	0.496383	1
cg00845862	0.00505124	0.610544	-1.63788	3.08E-05	0.338686	-2.95258	0.0357965	0.72248	-1.38412	0.418281	0.895773	-1.11635	12.7185	3.56728	0.249315	1
cg25991756	3.56E-05	3.37675	3.37675	0.0130195	0.624962	-1.6001	0.101984	0.761031	-1.31401	0.688722	1.06336	1.06336	11.5513	4.25825	0.327679	1
cg25089685	0.00446619	0.433969	-2.30431	0.441642	0.841372	-1.18854	0.891468	1.03051	1.03051	0.0589245	0.625267	-1.59932	11.4111	8.75855	0.682263	1
cg26817121	0.985038	1.00324	1.00324	0.135753	1.31989	1.31989	0.735448	0.943134	-1.06029	0.0576759	1.44852	1.44852	11.4079	5.38471	0.41957	1
cg13843531	0.707009	1.10958	1.10958	0.0108693	0.414525	-2.4124	0.160324	0.661631	-1.51142	0.197306	1.45545	1.45545	9.00027	10.8096	1.06759	1
cg08274029	0.0244058	0.210785	-4.74418	0.000638155	0.0476388	-20.9913	0.229569	0.481016	-2.07893	0.0190438	0.192494	-5.19498	8.01811	42.7946	4.74421	1
cg04987004	0.052986	0.83173	-1.20231	0.00636233	1.34657	1.34657	0.489279	0.942846	-1.06062	0.940855	1.00624	1.00624	6.49515	0.72213	0.0988266	1
cg05057014	0.39304	0.92761	-1.07804	0.000136394	0.567286	-1.76278	0.497518	0.942564	-1.06094	0.131521	1.15007	1.15007	6.02884	0.704281	0.103839	1
cg26188072	0.191376	0.765848	-1.30574	0.431775	1.16735	1.16735	0.121082	1.38291	1.38291	0.878987	1.02982	1.02982	5.64467	3.32509	0.523615	1
cg08073009	0.202706	0.51854	-1.92849	0.000539846	0.0722415	-13.8425	0.0875645	0.398139	-2.51169	0.769258	1.15448	1.15448	5.58224	21.0835	3.35724	1
cg10930226	0.00477809	0.24272	-4.11997	0.00162693	0.181469	-5.51059	0.731983	0.878139	-1.13877	0.0165505	0.330694	-3.02395	5.31862	12.0356	2.01149	1
cg11368699	0.38319	0.86296	-1.1588	0.0080714	1.74932	1.74932	0.611512	1.08809	1.08809	0.165611	1.27599	1.27599	5.16887	2.22385	0.382435	1
cg00526791	0.0901366	1.41093	1.41093	0.011833	1.78472	1.78472	0.829252	1.04061	1.04061	0.234525	1.25819	1.25819	4.81982	2.59327	0.478261	1
cg26092988	0.877363	0.98545	-1.01476	0.00746336	0.721109	-1.38675	0.1682	1.14957	1.14957	0.744102	0.969389	-1.03158	4.65941	0.664784	0.126823	1
cg01386282	0.371934	1.0571	1.0571	0.00704024	1.23496	1.23496	0.0800332	0.888999	-1.12486	0.00817737	1.22755	1.22755	4.45913	0.259174	0.0516642	1
cg12803811	0.558717	0.880984	-1.13509	0.0290722	0.576241	-1.73539	0.765068	0.9378	-1.06633	0.168255	0.730051	-1.36977	3.95312	2.87487	0.646436	1
cg08878352	0.190143	1.1453	1.1453	0.00712026	0.711859	-1.40477	0.28052	1.11591	1.11591	0.122994	1.17748	1.17748	3.86356	0.584937	0.134577	1
cg03311849	0.220564	1.37423	1.37423	0.00783588	0.43071	-2.32175	0.257861	1.33834	1.33834	0.42645	1.22194	1.22194	44.0134	42.469	0.857698	1
cg24979630	?	?	?	0.000941419	0.169851	-5.88752	6.35E-05	0.0291724	-34.279	0.00669363	0.351336	-2.84628	59.4282	33.8738	0.284998	1
cg14263244	0.323816	0.806934	-1.23926	0.00488447	0.455967	-2.19314	0.220251	0.762369	-1.3117	0.0839089	0.668558	-1.49576	10.0661	7.06492	0.623871	1
cg12817423	0.011772	2.38393	2.38393	0.00273014	0.319054	-3.13426	0.788869	0.928567	-1.07693	0.592067	0.861257	-1.16109	5.35254	5.74574	1.07346	1
cg01576496	0.102426	1.34921	1.34921	0.0173434	0.615317	-1.62518	3.45E-05	3.82844	3.82844	0.138416	0.765414	-1.30648	16.3144	7.25699	0.395396	1
cg08256761	0.0259618	3.36361	3.36361	0.000832309	10.0603	10.0603	0.00532471	5.39264	5.39264	0.0622046	2.62069	2.62069	5.25902	17.5415	2.9649	1
cg26619570	0.800156	1.06636	1.06636	0.138585	1.49761	1.49761	0.0720563	1.66293	1.66293	0.032211	0.52973	-1.88775	3.79025	3.85155	0.903266	1
cg26796407	0.000390832	0.44304	-2.25713	0.00130842	0.509692	-1.96197	0.937168	0.988709	-1.01142	0.0509228	0.725944	-1.37752	13.84	4.54716	0.292045	1
cg10091705	0.0166267	1.15417	1.15417	0.000496511	0.765502	-1.30633	0.000934511	0.784932	-1.274	0.732129	0.983295	-1.01699	19.4771	0.741489	0.0338399	1
cg16119372	0.0673576	0.651282	-1.53543	0.00150445	0.384128	-2.6033	0.0124775	1.91607	1.91607	0.136222	0.714724	-1.39914	12.3	8.52499	0.616081	1
cg23250906	0.41912	1.15965	1.15965	0.0375125	0.648533	-1.54194	0.857047	0.968166	-1.03288	0.00569479	0.521725	-1.91672	6.83847	3.48655	0.453195	1
cg05798608	0.396052	0.745672	-1.34107	0.25753	0.671007	-1.4903	0.955961	0.981526	-1.01882	0.410987	0.752862	-1.32826	3.45073	6.23103	1.60508	1
cg23035897	0.729739	1.05606	1.05606	0.0242445	0.655441	-1.52569	0.601075	0.920381	-1.08651	0.134681	1.28871	1.28871	6.13549	2.40343	0.3482	1
cg26450747	1.78E-06	0.436788	-2.28944	0.390929	1.06302	1.06302	0.590982	1.03843	1.03843	0.0733773	0.870411	-1.14888	26.5889	2.03508	0.0680345	1
cg22372930	0.165852	1.43261	1.43261	0.0377934	0.556537	-1.79683	0.000246797	4.36104	4.36104	0.453301	1.20424	1.20424	21.576	20.2231	0.83315	1
cg26358497	0.195945	0.818216	-1.22217	0.00166511	0.516924	-1.93452	0.241142	1.19724	1.19724	1.85E-05	0.277984	-3.59732	19.3887	6.60928	0.303008	1
cg25794819	0.946909	1.00694	1.00694	0.00543688	0.683789	-1.46244	0.746157	1.03433	1.03433	0.0262801	1.31508	1.31508	9.334	1.59653	0.15204	1
cg02474116	0.541658	0.813514	-1.22923	0.038379	0.448633	-2.22899	0.00119518	4.8855	4.8855	0.0706484	1.96375	1.96375	4.85921	8.58872	1.57112	1
cg11778253	0.0998814	0.496098	-2.01573	0.00119089	0.157698	-6.34125	0.748743	0.882556	-1.13307	0.0494706	0.418328	-2.39047	4.36155	10.4403	2.12775	1
cg09533178	0.201396	3.59904	3.59904	0.0401512	9.496	9.496	0.0321454	10.8291	10.8291	0.0342741	10.4261	10.4261	3.79359	54.1342	12.6844	1
cg10066332	3.11E-06	0.376672	-2.65483	0.000198949	1.73486	1.73486	5.52E-05	1.93801	1.93801	0.295567	0.908797	-1.10036	33.6574	4.14372	0.109435	1
cg12011267	0.241838	1.25737	1.25737	0.326432	0.827446	-1.20854	0.134775	0.739756	-1.3518	0.0489144	1.52257	1.52257	6.43335	3.56117	0.492043	1
cg20066488	0.0646365	1.61671	1.61671	0.0536329	0.602153	-1.66071	0.0130961	2.03861	2.03861	0.442109	1.1989	1.1989	6.06857	5.14903	0.754201	1
cg00662002	0.0680226	1.37148	1.37148	0.388227	1.14647	1.14647	0.00606479	1.74007	1.74007	0.131147	1.2865	1.2865	5.62552	2.12858	0.336337	1
cg04246008	0.25629	1.31463	1.31463	0.851083	0.95754	-1.04434	0.00183411	0.359947	-2.77818	0.0952297	0.654947	-1.52684	5.00447	4.22423	0.750304	1
cg10541843	0.19868	1.66716	1.66716	0.0249657	0.366455	-2.72885	0.178071	1.71343	1.71343	0.636867	0.836153	-1.19595	4.33472	9.72145	1.99351	1
cg23397216	6.22E-05	3.90813	3.90813	0.000295474	0.336651	-2.97044	0.000381707	2.85116	2.85116	0.00304996	2.11611	2.11611	32.8858	17.7689	0.480285	1
cg17380238	0.856259	0.982235	-1.01809	5.19E-06	0.359495	-2.78168	0.829487	0.978906	-1.02155	0.615955	0.951235	-1.05126	27.4276	4.24493	0.137572	1
cg00992039	0.192969	1.33337	1.33337	3.47E-06	0.102288	-9.77634	0.000410368	0.309852	-3.22735	0.519987	0.872676	-1.1459	23.4703	16.2098	0.613914	1
cg18741372	0.00992637	0.540501	-1.85013	4.21E-05	0.229366	-4.35984	0.000195423	0.30621	-3.26573	0.740324	0.939104	-1.06485	15.2166	8.59991	0.502369	1
cg27553457	0.00176617	5.5514	5.5514	4.29E-05	19.9116	19.9116	0.657402	0.842171	-1.18741	0.0162824	3.09748	3.09748	14.7428	34.58	2.08493	1
cg00445518	0.0278666	1.50039	1.50039	0.046642	0.700707	-1.42713	0.0103803	1.65518	1.65518	2.71E-05	3.64348	3.64348	10.7989	4.16832	0.343108	1
cg04683509	0.0380257	1.66683	1.66683	0.00106691	2.79349	2.79349	0.0496181	1.60932	1.60932	0.137135	1.40515	1.40515	7.40999	5.29601	0.6353	1
cg18064256	0.0321392	2.94711	2.94711	0.7659	0.87934	-1.13722	0.004095	0.190371	-5.2529	0.246945	1.68431	1.68431	6.23029	18.2991	2.61077	1
cg27152890	0.0282601	7.22369	7.22369	0.000823356	46.8519	46.8519	0.641578	1.43031	1.43031	0.0394934	6.16047	6.16047	5.65731	52.2202	8.20495	1
cg27111756	0.0399273	1.98203	1.98203	0.00176285	3.60924	3.60924	0.0229934	0.456846	-2.18892	0.0365171	2.01398	2.01398	5.43573	7.14454	1.16833	1
cg19426388	0.130186	0.601212	-1.66331	0.0426268	0.483575	-2.06793	0.402682	1.30549	1.30549	0.626682	0.858492	-1.16483	4.69965	7.21174	1.36402	1
cg07637658	0.76712	0.934828	-1.06972	0.879688	0.966212	-1.03497	0.0230177	0.539577	-1.8533	0.229197	0.751005	-1.33155	3.6915	3.0108	0.72498	1
cg10662093	0.392369	1.67011	1.67011	0.95344	0.966401	-1.03477	0.00103432	17.1952	17.1952	0.757052	1.19917	1.19917	4.81709	26.1376	4.82313	1
cg15011260	0.517098	0.831927	-1.20203	0.0239499	0.470159	-2.12694	0.542709	1.18842	1.18842	0.119518	0.622969	-1.60522	3.64298	4.52841	1.10493	1
cg13360871	0.378337	1.06511	1.06511	4.87E-06	2.07184	2.07184	0.466167	1.05312	1.05312	0.749151	1.02264	1.02264	15.8679	1.22411	0.0685722	1
cg10531864	0.0627766	0.782558	-1.27786	0.0311508	1.34474	1.34474	3.33E-05	2.56751	2.56751	0.944374	0.991862	-1.00821	11.9352	2.59239	0.193072	1
cg09587634	0.85517	0.952918	-1.04941	0.00142232	0.295712	-3.38167	0.0414816	0.537646	-1.85996	0.00567121	0.383709	-2.60614	9.11635	10.0589	0.980796	1
cg07475890	0.620355	0.94142	-1.06222	0.672237	1.05279	1.05279	0.557209	0.930746	-1.07441	0.0507317	1.3088	1.3088	5.04323	1.16734	0.205749	1
cg16281248	0.757073	0.947879	-1.05499	0.000977704	0.429135	-2.33027	0.214427	1.25292	1.25292	0.232901	1.24085	1.24085	4.4053	2.07646	0.418983	1
cg09608387	0.000149374	0.110363	-9.06105	2.41E-06	0.0207597	-48.1703	0.217637	1.55082	1.55082	0.125718	1.75168	1.75168	22.7198	41.1845	1.6113	1
cg19600023	0.0324873	0.40462	-2.47145	0.0011201	0.176498	-5.6658	0.448709	0.756486	-1.3219	0.00584332	0.271311	-3.6858	7.4846	15.4888	1.83948	1
cg20134151	0.215157	0.676478	-1.47824	0.000484436	0.194187	-5.14969	0.0165191	0.41589	-2.40448	0.0581197	0.526472	-1.89944	6.27085	8.9128	1.26338	1
cg11892781	0.21966	1.23223	1.23223	0.00930784	1.70533	1.70533	0.203132	0.804646	-1.24278	0.667797	1.07235	1.07235	4.81487	1.99607	0.368501	1
cg25763374	0.439844	0.749142	-1.33486	0.491642	0.774081	-1.29185	0.00396005	0.241542	-4.14007	0.0294529	0.39058	-2.56029	4.03867	8.59744	1.89225	1
cg23364428	0.0735589	1.38737	1.38737	0.725012	0.943685	-1.05968	0.442062	0.879288	-1.13728	0.0294702	0.65653	-1.52316	4.03692	1.72211	0.379191	1
cg21511194	0.0620366	0.768291	-1.30159	0.00437152	0.620285	-1.61216	0.552051	1.0784	1.0784	0.434582	1.10519	1.10519	4.03164	1.00497	0.221573	1
cg17288747	0.687174	1.09382	1.09382	0.801869	0.945824	-1.05728	0.0794395	0.64967	-1.53924	0.015666	0.518785	-1.92758	3.44779	2.67973	0.690872	1
cg04968426	0.000420524	0.303534	-3.29452	0.00130485	0.368451	-2.71407	0.00168792	0.383988	-2.60425	0.0262513	0.569911	-1.75466	27.609	19.8914	0.640416	1
cg06678772	0.904872	1.03841	1.03841	0.612575	1.17468	1.17468	0.996114	1.00154	1.00154	0.0056231	0.317922	-3.14543	4.30912	6.78359	1.39932	1
cg03707168	0.532091	1.27239	1.27239	0.000207487	0.0940577	-10.6318	0.0289691	2.66443	2.66443	0.0344946	0.391196	-2.55626	9.08943	20.8566	2.03965	1
cg16264781	0.999697	1.00013	1.00013	0.085543	0.51278	-1.95015	0.0693803	2.04193	2.04193	0.966417	0.985313	-1.01491	8.71716	17.0508	1.73867	1
cg19366381	0.0637545	0.632826	-1.58021	0.000699688	0.321445	-3.11095	0.843053	1.04448	1.04448	0.135396	0.702333	-1.42383	6.23876	4.76285	0.678603	1
cg00491839	0.44064	0.925734	-1.08022	0.00074024	0.604819	-1.65339	0.598129	0.949142	-1.05358	0.230114	1.13151	1.13151	4.52526	0.690167	0.135568	1
cg06896857	1.71E-05	0.22112	-4.52243	0.442407	0.87461	-1.14337	0.030069	1.54718	1.54718	0.162675	1.29039	1.29039	11.8662	5.49914	0.411937	1
cg22449766	0.0435829	0.425693	-2.34911	0.0466102	2.31333	2.31333	0.372837	0.714097	-1.40037	0.87815	0.945096	-1.05809	30.0976	64.5759	1.90716	1
cg19692604	0.581571	0.91402	-1.09407	0.00228926	0.502228	-1.99113	7.83E-05	3.17066	3.17066	0.036791	0.675845	-1.47963	15.8427	6.54608	0.367282	1
cg06826039	0.862697	1.01052	1.01052	0.00722127	0.810948	-1.23312	0.20456	0.922268	-1.08428	0.0408261	1.15339	1.15339	12.3401	0.714059	0.0514353	1
cg21908248	0.00271729	0.226143	-4.42199	5.98E-05	0.0604074	-16.5543	0.670163	1.15721	1.15721	0.910177	0.962301	-1.03918	10.2544	18.4322	1.39805	1
cg00745274	0.730784	1.08796	1.08796	0.000212138	0.220711	-4.53082	0.337369	0.785514	-1.27305	0.225348	1.36452	1.36452	8.47717	7.99862	0.83871	1
cg16175258	0.0229449	1.4549	1.4549	0.819124	1.03207	1.03207	0.119971	0.792582	-1.2617	0.00311442	1.7458	1.7458	4.26279	1.2821	0.267347	1
cg16072030	0.764591	0.962733	-1.03871	0.0184826	0.696741	-1.43525	0.495358	1.0915	1.0915	0.0125293	1.48108	1.48108	3.70516	0.938485	0.225148	1
cg26906418	0.493627	1.14463	1.14463	0.0459008	0.641067	-1.5599	0.533743	0.884734	-1.13028	0.400534	0.846022	-1.182	3.5208	2.10541	0.531548	1
cg06398396	0.00449807	2.12034	2.12034	5.28E-05	4.47492	4.47492	0.000117479	3.81282	3.81282	0.0112367	1.87827	1.87827	21.9635	13.7002	0.554461	1
cg26078439	0.0535801	1.18901	1.18901	0.000256749	1.60849	1.60849	0.0155168	0.791018	-1.26419	0.488078	1.05721	1.05721	10.6708	1.054	0.0877994	1
cg12515371	0.808588	1.06769	1.06769	0.00217188	3.1933	3.1933	0.0712514	1.72248	1.72248	0.278494	1.35542	1.35542	6.17191	7.11966	1.02539	1
cg17574911	0.0258807	2.47398	2.47398	0.0283494	2.42614	2.42614	0.00220136	4.34869	4.34869	0.0181618	2.67051	2.67051	5.86743	10.8975	1.65092	1
cg13257436	0.0243952	3.19168	3.19168	0.000373623	11.7313	11.7313	0.00616206	4.69244	4.69244	0.0865745	2.26839	2.26839	5.55664	16.4753	2.63553	1
cg25098585	3.50E-05	0.242934	-4.11635	0.0253395	0.624707	-1.60075	0.00142682	2.26253	2.26253	0.315071	1.20183	1.20183	18.6345	9.24345	0.440924	1
cg06207052	4.07E-05	2.7361	2.7361	0.00899679	0.652521	-1.53252	0.609183	0.935873	-1.06852	0.419257	1.11191	1.11191	14.4053	3.76918	0.23258	1
cg02811473	0.190235	0.660225	-1.51463	0.000386521	0.183701	-5.44362	0.0503897	0.513005	-1.9493	0.00348218	0.305255	-3.27595	9.43152	13.3793	1.26095	1
cg11172693	0.000313705	3.07818	3.07818	0.19063	0.765885	-1.30568	0.452459	1.15872	1.15872	0.478426	1.14878	1.14878	5.95314	3.49239	0.521465	1
cg10305789	0.0107858	1.97626	1.97626	0.0051079	2.19668	2.19668	0.0434409	1.63875	1.63875	0.0854865	1.49826	1.49826	4.7212	3.38238	0.636821	1
cg16958860	0.17631	1.47218	1.47218	0.0282501	2.00746	2.00746	0.0720309	1.71638	1.71638	0.20796	1.42929	1.42929	4.03077	4.62034	1.0189	1
cg22128431	0.730919	1.05912	1.05912	0.00696385	0.559435	-1.78752	0.849067	1.03221	1.03221	0.183953	1.26429	1.26429	3.98255	1.746	0.389701	1
cg13128117	0.915161	1.01734	1.01734	0.798784	0.959632	-1.04207	0.00016709	0.355608	-2.81208	0.650141	0.928991	-1.07644	6.99835	2.88402	0.366311	1
cg05657717	0.959397	1.00852	1.00852	0.000345869	0.383148	-2.60996	0.169931	0.783812	-1.27582	0.722297	1.06127	1.06127	5.9198	2.60328	0.390895	1
cg15542657	0.802254	0.97685	-1.0237	0.0301629	1.26866	1.26866	0.984013	0.998132	-1.00187	0.012456	1.33676	1.33676	3.94774	0.544727	0.122653	1
cg15070513	0.0233743	0.504214	-1.98329	0.148466	0.675869	-1.47958	0.805881	1.06421	1.06421	0.254463	1.35089	1.35089	7.31516	7.40182	0.899419	1
cg00112517	0.398655	0.908403	-1.10083	0.00183233	0.61132	-1.6358	0.387677	0.906256	-1.10344	0.510039	1.07712	1.07712	3.77408	0.738753	0.173995	1
cg18575532	0.000132405	0.110249	-9.07034	3.67E-05	0.0712163	-14.0417	1.73E-05	0.0534801	-18.6986	0.00601905	0.303083	-3.29942	19.3872	33.973	1.55764	1
cg14697334	0.0785013	1.47503	1.47503	0.0991421	1.43266	1.43266	0.000211835	0.291894	-3.4259	0.0857085	1.45899	1.45899	9.93388	6.22304	0.556841	1
cg09762778	0.968001	1.00296	1.00296	0.500885	0.950937	-1.05159	0.172959	1.1127	1.1127	0.000810208	1.45062	1.45062	9.04354	0.776594	0.0763313	1
cg24520381	0.927893	0.973159	-1.02758	0.0135716	2.50458	2.50458	0.000914543	0.225422	-4.43613	0.347935	1.33708	1.33708	6.81751	9.75613	1.27204	1
cg06068801	0.472635	0.837183	-1.19448	0.344013	1.26761	1.26761	0.00188144	0.342262	-2.92174	0.444341	1.20889	1.20889	4.73664	4.43979	0.833182	1
cg19920006	1.52E-06	0.346608	-2.8851	2.30E-06	0.366485	-2.72863	0.288692	0.908502	-1.10071	3.24E-05	0.494559	-2.022	48.7806	5.86411	0.106857	1
cg12037512	0.362859	1.19747	1.19747	0.00012899	0.277431	-3.6045	0.0317821	0.615716	-1.62412	0.00241965	0.443128	-2.25669	9.51522	5.59563	0.52273	1
cg00494544	0.00661016	0.187224	-5.34121	0.000525542	0.0767238	-13.0338	0.00281374	0.141471	-7.06859	0.0101006	0.213892	-4.67527	7.76107	27.7553	3.17887	1
cg14265868	0.641405	1.07661	1.07661	0.0827622	1.35307	1.35307	0.435714	0.88236	-1.13332	0.00433917	1.82199	1.82199	4.98783	1.9567	0.348707	1
cg27230534	0.0451538	0.476409	-2.09903	0.00265199	0.261487	-3.82428	0.892741	1.04448	1.04448	0.0457914	0.477749	-2.09315	3.80101	6.26543	1.46521	1
cg04885336	0.284584	0.77054	-1.29779	0.0164345	0.502813	-1.98881	0.0181846	0.510454	-1.95904	0.203266	0.729838	-1.37017	3.66422	3.19127	0.774159	1
cg04332258	0.596651	0.90861	-1.10058	0.153132	0.75994	-1.31589	0.0819012	0.707562	-1.4133	0.256892	0.808691	-1.23657	4.20223	2.14303	0.45331	1
cg14427382	0.230452	0.903151	-1.10723	0.000636482	0.653927	-1.52922	2.18E-06	0.390777	-2.559	0.000961475	0.671584	-1.48902	125.924	13.0749	0.0922948	1
cg19628603	0.268326	1.26883	1.26883	0.347294	0.818853	-1.22122	0.0132244	1.88551	1.88551	0.00122956	2.65409	2.65409	15.864	10.715	0.600381	1
cg23465426	0.000942984	0.569391	-1.75626	0.038989	1.31371	1.31371	0.316241	1.1256	1.1256	0.200538	0.85694	-1.16694	15.5829	3.21798	0.183562	1
cg08072933	0.379673	0.769557	-1.29945	0.000799184	0.229574	-4.3559	0.000294896	0.180195	-5.54954	0.000769894	0.227595	-4.39376	15.0392	20.1222	1.18932	1
cg22454474	0.781839	0.898199	-1.11334	0.000170516	0.0844454	-11.842	0.000885683	0.145648	-6.86587	0.000953304	0.148941	-6.71407	14.596	34.5775	2.10575	1
cg24540269	0.00566463	0.36659	-2.72784	0.00099252	0.258596	-3.86703	0.00391557	0.341807	-2.92563	0.025837	0.481144	-2.07838	12.4329	15.0504	1.07602	1
cg13617603	0.0307425	0.442668	-2.25903	0.00055414	0.178853	-5.59119	0.0328047	0.448462	-2.22984	0.06582	0.515339	-1.94047	10.2727	16.7803	1.45199	1
cg17352045	0.584784	1.13789	1.13789	0.000519658	3.55075	3.55075	0.0534703	1.67114	1.67114	0.00608249	2.31299	2.31299	9.71701	8.435	0.771614	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02269978	PPP1R2P1	0.00270016	0.569341	0.848081	-1.17913	0.000106639	7.09404	7.09404	0.010169	2.5312	2.5312	0.0404029	1.97058	1.97058	0.295466	0.732817	-1.3646	0.807349	0.932394	-1.07251	0.982893	1.00616	1.00616	0.266174	1.39371	1.39371	0.00405153	3.02161	3.02161	8.82924	11.4801	1.15576	1
cg16454316	PPP1R2P1	0.00463483	0.138645	0.575278	-1.73829	0.000237256	8.26404	8.26404	0.591225	0.828583	-1.20688	0.109315	1.83231	1.83231	0.524365	1.25078	1.25078	0.0756429	0.503654	-1.98549	0.00840575	3.21394	3.21394	0.133953	1.7517	1.7517	0.135744	1.74652	1.74652	7.51009	14.3082	1.69351	1
cg09318162	PPP1R2P1	0.00606373	0.610663	0.855417	-1.16902	0.00124859	4.1955	4.1955	0.428537	1.27867	1.27867	0.00952778	2.71489	2.71489	0.281851	1.40516	1.40516	0.143631	0.620075	-1.61271	0.000974966	4.4466	4.4466	0.138694	1.62382	1.62382	0.149124	1.60083	1.60083	6.91656	10.1332	1.30228	1
cg00797104	PPP1R2P1	0.00689432	0.00398538	0.26937	-3.71237	0.00154566	4.67862	4.67862	0.425576	1.31748	1.31748	0.0423752	2.20828	2.20828	0.0440066	2.19079	2.19079	0.350845	1.38457	1.38457	0.239205	0.658573	-1.51844	0.623845	0.84578	-1.18234	0.0844109	1.90955	1.90955	6.64655	12.0881	1.61662	1
cg15076318	PPP1R2P1	0.00740556	0.307978	0.601408	-1.66276	0.00238284	7.69534	7.69534	0.140626	0.465918	-2.1463	0.0306127	3.4008	3.4008	0.00555141	0.172795	-5.7872	0.0241724	0.27383	-3.6519	0.385578	1.53515	1.53515	0.911686	1.05492	1.05492	0.676483	1.2241	1.2241	6.49975	23.9021	3.26879	1
cg13493635	PPP1R2P1	0.00904187	0.594289	0.747234	-1.33827	0.00151513	11.8939	11.8939	0.619009	0.762085	-1.31219	0.0246623	4.26339	4.26339	0.014761	0.196664	-5.0848	0.0711585	0.335388	-2.98162	0.169298	2.21141	2.21141	0.0849466	2.80799	2.80799	0.438156	1.53515	1.53515	6.10338	28.396	4.13556	1
cg16928551	PPP1R2P1	0.0131333	0.0122152	0.426751	-2.34329	0.295991	1.34388	1.34388	0.0097819	0.410275	-2.43739	0.0785097	0.586839	-1.70405	0.00703337	0.386611	-2.58658	0.0392071	0.521637	-1.91704	0.00869749	0.401739	-2.48918	0.0151925	0.443379	-2.2554	0.446871	0.809408	-1.23547	5.41208	6.37614	1.04723	1
cg08229801	PPP1R2P1	0.0134334	0.834976	0.954232	-1.04796	0.00557768	0.441522	-2.26489	0.826845	0.951991	-1.05043	0.479492	0.850918	-1.1752	0.376476	1.22608	1.22608	0.66437	1.10301	1.10301	0.0020233	0.376145	-2.65855	0.0437457	0.594175	-1.68301	0.00741639	0.460893	-2.1697	5.37222	4.29126	0.710033	1
cg08873792	PPP1R2P1	0.0148342	0.064334	0.541516	-1.84667	0.390821	1.29627	1.29627	0.0629797	0.539405	-1.8539	0.0477333	1.95054	1.95054	0.00977867	0.381331	-2.6224	0.150996	0.634975	-1.57487	0.00913434	2.65719	2.65719	0.462716	0.802027	-1.24684	0.40307	1.28727	1.28727	5.19977	7.17248	1.22612	1
cg21685006	PPP1R2P1	0.0155511	0.0957611	0.563281	-1.77531	0.00188434	3.9838	3.9838	0.118419	1.70197	1.70197	0.064769	1.91689	1.91689	0.314254	1.38608	1.38608	0.461283	0.790342	-1.26527	0.00949175	2.80368	2.80368	0.059817	1.94687	1.94687	0.159452	1.60264	1.60264	5.11916	7.97892	1.38546	1
cg11060379	PPP1R2P1	0.0157234	0.762827	1.05523	1.05523	0.103841	0.729107	-1.37154	0.0449773	0.664508	-1.50487	0.0229785	1.62117	1.62117	0.109256	0.733288	-1.36372	0.879278	0.973362	-1.02737	0.00201747	2.16795	2.16795	0.680577	0.929106	-1.0763	0.369673	1.17781	1.17781	5.10047	2.54902	0.444234	1
cg00892368	PPP1R2P1	0.0157754	0.404666	0.770391	-1.29804	0.0105816	2.67429	2.67429	0.251936	1.44218	1.44218	0.00767231	2.85282	2.85282	0.00825143	2.81109	2.81109	0.65551	1.14726	1.14726	0.00329814	3.40305	3.40305	0.138878	1.62804	1.62804	0.182077	1.54234	1.54234	5.09488	7.55254	1.31767	1
cg18942934	PPP1R2P1	0.0158713	0.148178	0.580271	-1.72333	0.00341293	4.03945	4.03945	0.883785	0.949975	-1.05266	0.0147749	2.86503	2.86503	0.065436	0.484055	-2.06588	0.130201	0.563542	-1.77449	0.104464	1.86397	1.86397	0.186025	1.63552	1.63552	0.273395	1.49173	1.49173	5.08463	9.91407	1.73317	1
cg06542377	PPP1R2P1	0.0197746	0.223108	0.629862	-1.58765	0.501071	1.27966	1.27966	0.0920902	0.511932	-1.95338	0.237218	0.639452	-1.56384	0.00764769	0.289938	-3.44901	0.875503	0.944957	-1.05825	0.00169255	0.197951	-5.05175	0.21867	0.62677	-1.59548	0.011901	0.321903	-3.10652	4.72271	9.7529	1.83565	1
cg15713058	PPP1R2P1	0.0238462	0.00531948	0.376489	-2.65612	0.0712374	1.70911	1.70911	0.659724	0.888821	-1.12509	0.784422	0.929656	-1.07567	0.00628378	0.387935	-2.57775	0.462777	0.819699	-1.21996	0.047466	0.547104	-1.82781	0.05669	0.563391	-1.77497	0.763041	0.922719	-1.08375	4.42924	4.96348	0.996102	1
cg23942884	PPP1R2P1	0.0269684	0.00757627	0.329036	-3.03919	0.0745417	1.90201	1.90201	0.797357	1.08683	1.08683	0.296605	1.41937	1.41937	0.824383	0.930601	-1.07457	0.0581767	0.500145	-1.99942	0.0184699	2.52138	2.52138	0.153722	1.63929	1.63929	0.599715	0.842506	-1.18693	4.24341	7.0383	1.47435	1
cg22859054	PPP1R2P1	0.0290467	0.381288	1.12755	1.12755	0.656544	1.06166	1.06166	0.932891	0.988804	-1.01132	0.206653	1.19488	1.19488	0.885592	1.01943	1.01943	0.0303493	0.711562	-1.40536	0.0010914	1.9043	1.9043	0.394071	1.12378	1.12378	0.886986	0.98117	-1.01919	4.13388	1.17001	0.251582	1
cg00063006	PPP1R2P1	0.0318618	0.013828	0.290192	-3.44599	0.0107468	3.69546	3.69546	0.92698	0.96461	-1.03669	0.427393	1.37647	1.37647	0.304361	1.52251	1.52251	0.0555968	0.41914	-2.38584	0.106766	2.01716	2.01716	0.149488	1.84792	1.84792	0.662654	1.18852	1.18852	4.39711	10.533	1.86312	1
cg01607625	PPP1R2P1	0.0368029	0.198231	0.448364	-2.23033	0.00658276	8.61363	8.61363	0.171523	0.423285	-2.36248	0.0688863	3.36004	3.36004	0.0918807	3.00953	3.00953	0.932361	0.951559	-1.05091	0.0232809	5.11271	5.11271	0.213546	2.16456	2.16456	0.162393	2.41398	2.41398	4.15694	22.0493	4.12549	1
cg14016366	PPP1R2P3	0.00248477	0.00327096	3.95752	3.95752	0.186091	1.61777	1.61777	0.0773045	0.50971	-1.9619	0.249739	1.51099	1.51099	0.0623749	0.486846	-2.05404	0.378163	0.733244	-1.3638	0.000156682	9.20799	9.20799	0.21221	1.56973	1.56973	0.390955	0.739613	-1.35206	9.04829	16.874	1.65768	1
cg10514093	PPP1R2P3	0.00899245	0.0545415	1.54054	1.54054	0.183488	0.756085	-1.3226	0.599856	0.900432	-1.11058	0.165636	1.34038	1.34038	0.0905349	0.691078	-1.44701	0.60405	0.901536	-1.10922	0.000296221	3.21362	3.21362	0.695339	0.924984	-1.0811	0.969026	1.00772	1.00772	6.114	3.80118	0.552638	1
cg10194937	PPP1R2P9	0.0380848	0.505311	1.46927	1.46927	0.979001	1.01509	1.01509	0.0477673	0.275714	-3.62695	0.0225797	0.211303	-4.73253	0.00335247	0.1031	-9.69937	0.224166	2.06856	2.06856	0.563502	1.39435	1.39435	0.988062	1.00855	1.00855	0.640101	0.76487	-1.30741	3.75008	19.2441	4.56147	1
cg01214063	PPP1R3A	0.000533109	0.015079	0.564876	-1.7703	0.224358	1.27643	1.27643	0.000565534	0.360008	-2.77771	0.00205382	0.435853	-2.29435	0.0135579	0.557561	-1.79353	0.338343	0.828011	-1.20771	0.000179468	0.297308	-3.36351	0.0530634	1.52246	1.52246	0.000614809	0.364752	-2.74159	14.0384	8.12984	0.51477	1
cg00967316	PPP1R3A	0.00581421	0.00658165	0.16722	-5.98015	0.0704292	0.358862	-2.78658	0.00837878	0.181391	-5.51297	0.949766	0.968573	-1.03245	0.000538561	0.0653377	-15.3051	0.381982	0.634813	-1.57527	0.0045233	0.146984	-6.80344	0.0508293	0.323811	-3.08822	0.0140503	0.215083	-4.64937	7.0068	28.5049	3.61616	1
cg20515095	PPP1R3B	8.32E-05	3.73E-05	0.30056	-3.32712	0.0206898	0.655363	-1.52587	0.212471	1.22041	1.22041	0.737617	1.05232	1.05232	5.51E-06	0.210658	-4.74703	0.0469998	0.708335	-1.41176	0.130086	1.28147	1.28147	0.0233247	1.5085	1.5085	0.831776	1.03279	1.03279	23.254	8.47299	0.323882	1
cg24727203	PPP1R3B	0.000576522	0.010722	0.343176	-2.91396	0.0212876	0.397255	-2.51728	0.000218166	0.127956	-7.81521	0.0592383	0.491488	-2.03464	0.00240998	0.24422	-4.09467	0.00625428	0.304727	-3.28162	0.000217438	0.127826	-7.82311	0.000327518	0.144295	-6.93023	0.000645774	0.174521	-5.72998	13.7359	24.199	1.56599	1
cg20749955	PPP1R3B	0.00744802	0.993393	1.00392	1.00392	0.157724	0.489627	-2.04237	0.0122956	0.229011	-4.36659	0.71402	1.19005	1.19005	0.715126	0.840897	-1.18921	0.0256526	0.285619	-3.50116	0.000390753	0.0691061	-14.4705	0.0112646	0.222956	-4.48519	0.0198747	0.264736	-3.77734	6.48812	22.9643	3.14617	1
cg11945845	PPP1R3B	0.0109787	0.16824	0.712818	-1.40288	0.816542	1.05504	1.05504	0.503573	0.855138	-1.1694	0.349258	1.24876	1.24876	0.00075211	0.307778	-3.2491	0.177264	0.718489	-1.39181	0.0800006	0.639012	-1.56492	0.360223	0.805043	-1.24217	0.00190574	0.362804	-2.75631	5.7361	4.82862	0.748263	1
cg10317098	PPP1R3B	0.0320754	0.955495	0.98767	-1.01248	0.158346	1.39829	1.39829	0.193402	1.35792	1.35792	0.620163	0.894876	-1.11747	0.153202	0.711747	-1.40499	0.228248	0.754918	-1.32465	0.00119193	0.347815	-2.87509	0.495572	1.1663	1.1663	0.88071	1.03395	1.03395	3.99052	3.12358	0.695779	1
cg10347799	PPP1R3B	0.039539	0.0866078	1.24224	1.24224	0.195574	1.16984	1.16984	0.866827	0.98095	-1.01942	0.560382	0.93475	-1.0698	0.00744904	0.673721	-1.48429	0.00864261	0.681355	-1.46766	0.49509	0.923677	-1.08263	0.857409	1.02083	1.02083	0.999432	0.999919	-1.00008	3.69888	0.769406	0.184898	1
cg10974128	PPP1R3C	0.0129113	0.00921994	0.476222	-2.09986	0.00534758	0.438909	-2.27838	0.290239	0.781642	-1.27936	0.201146	0.738593	-1.35393	0.00726068	0.459643	-2.1756	0.144708	0.703563	-1.42134	0.00180409	0.369297	-2.70785	0.0248861	0.549242	-1.82069	0.332297	0.798927	-1.25168	5.44231	4.34217	0.709204	1
cg12486537	PPP1R3C	0.0334112	0.0154022	0.453451	-2.20531	0.247397	0.724925	-1.37945	0.00598033	0.384526	-2.60061	0.9465	1.01801	1.01801	0.0280407	0.501455	-1.9942	0.110646	0.629784	-1.58785	0.87162	1.04396	1.04396	0.0237054	0.487609	-2.05083	0.523416	1.18769	1.18769	3.93251	4.4065	0.996029	1
cg19902394	PPP1R3C	0.0470813	0.136664	0.763983	-1.30893	0.0126116	0.594073	-1.6833	0.302121	0.8357	-1.1966	0.435921	0.875067	-1.14277	0.00797106	0.564925	-1.77015	0.0271547	0.644637	-1.55126	0.889157	1.02369	1.02369	0.714172	1.06371	1.06371	0.383736	1.16179	1.16179	3.46616	1.54752	0.396858	1
cg21017752	PPP1R3C	0.0487857	0.0249537	1.36462	1.36462	0.162744	0.840609	-1.18961	0.382387	0.900883	-1.11002	0.089914	0.804282	-1.24334	0.0245746	1.36615	1.36615	0.319582	1.12732	1.12732	0.20034	1.17072	1.17072	0.264887	0.873374	-1.14499	0.317007	0.886452	-1.12809	3.41989	0.735354	0.191131	1
cg20707333	PPP1R3D;C20orf177;PPP1R3D	0.0407345	0.381866	1.37008	1.37008	0.00633454	3.48308	3.48308	0.00283616	4.23308	4.23308	0.675053	1.15954	1.15954	0.781571	0.907024	-1.10251	0.421428	1.33421	1.33421	0.203881	1.60127	1.60127	0.619077	0.838651	-1.19239	0.735233	0.88766	-1.12656	3.65851	7.14211	1.73528	1
cg23604876	PPP1R3E	0.000460133	0.000484229	0.258698	-3.86552	0.00177305	3.00408	3.00408	0.410431	0.812192	-1.23124	0.894263	1.03341	1.03341	0.00344529	0.374689	-2.66888	0.000530039	0.263548	-3.79437	0.0448692	0.566119	-1.76641	0.0072411	2.35439	2.35439	0.0221466	0.507697	-1.96968	14.6234	14.1439	0.859746	1
cg23212324	PPP1R3E	0.0016614	0.0124719	0.379552	-2.63469	0.00327224	3.4874	3.4874	0.000720111	4.97114	4.97114	0.722446	0.894815	-1.11755	0.249672	1.45485	1.45485	0.217042	1.49892	1.49892	0.00122169	0.228904	-4.36864	0.520126	1.22527	1.22527	0.544665	1.21053	1.21053	10.1751	15.6491	1.36709	1
cg23620184	PPP1R3E	0.00307575	0.548819	1.1828	1.1828	0.150434	0.652754	-1.53197	0.0174514	0.448967	-2.22733	0.393196	1.27386	1.27386	0.000185645	0.174329	-5.73629	0.0483094	0.535563	-1.8672	0.00206661	0.301018	-3.32206	0.637554	1.14034	1.14034	0.0279616	0.487423	-2.05161	8.49498	10.3037	1.07815	1
cg08969094	PPP1R3E	0.00436599	0.00332859	0.627776	-1.59293	0.00735405	1.49548	1.49548	0.0449852	1.30737	1.30737	0.72038	1.04276	1.04276	0.407424	0.905997	-1.10376	0.0469887	1.30325	1.30325	0.020964	0.723557	-1.38206	0.0326164	1.33818	1.33818	0.0487849	0.769396	-1.29972	7.64749	1.64368	0.191049	1
cg18083863	PPP1R3E	0.0064962	0.00553349	0.519654	-1.92436	0.0170875	1.68537	1.68537	0.206466	1.2703	1.2703	0.0171694	0.593666	-1.68445	0.108536	0.730289	-1.36932	0.00341853	2.04262	2.04262	0.627236	0.915881	-1.09185	0.496809	0.883488	-1.13188	0.746601	0.943448	-1.05994	6.7706	3.45709	0.453869	1
cg24749077	PPP1R3E	0.0166974	0.429908	0.830835	-1.20361	0.273313	0.769344	-1.29981	0.133788	0.689397	-1.45054	0.0518089	0.601097	-1.66363	0.0348673	0.568022	-1.76049	0.169905	0.714446	-1.39969	0.00190438	2.75009	2.75009	0.385184	0.814832	-1.22725	0.227559	1.33823	1.33823	4.9994	4.18874	0.744756	1
cg08239753	PPP1R3E	0.0226958	0.377333	0.606575	-1.6486	0.665925	1.27089	1.27089	0.166095	0.442636	-2.25919	0.822916	1.13168	1.13168	0.00679432	0.144324	-6.92885	0.293186	1.82538	1.82538	0.0242296	0.227041	-4.4045	0.00356174	0.113112	-8.84081	0.0824504	0.345903	-2.89098	4.50547	21.7328	4.28769	1
cg07586081	PPP1R3E	0.0302575	0.0851139	0.618583	-1.6166	0.0253806	1.9552	1.9552	0.0690628	1.67074	1.67074	0.223875	0.724405	-1.38044	?	?	?	0.0935415	1.5926	1.5926	0.0905281	0.624653	-1.60089	0.0798382	1.63302	1.63302	0.286574	0.756376	-1.32209	4.14283	3.71288	0.896218	1
cg17330983	PPP1R3E	0.0440823	0.670236	0.921944	-1.08466	0.00564825	1.99185	1.99185	0.359633	1.19566	1.19566	0.0307415	0.617882	-1.61843	0.971961	0.993353	-1.00669	0.105293	0.714781	-1.39903	0.497288	1.13968	1.13968	0.889143	1.02681	1.02681	0.124489	0.729369	-1.37105	3.55279	2.02558	0.506789	1
cg13279286	PPP1R3F	0.0068113	0.74489	1.1234	1.1234	0.049149	0.449165	-2.22635	0.03748	0.423004	-2.36404	0.00162772	0.200085	-4.99787	0.000505661	0.144123	-6.93854	0.420235	1.34109	1.34109	0.928972	1.03228	1.03228	0.741182	0.888582	-1.12539	0.268775	0.663323	-1.50756	6.67167	13.4212	1.78816	1
cg13643725	PPP1R3F	0.00771753	0.271803	1.48571	1.48571	0.0574365	0.475349	-2.10372	0.0786133	0.508626	-1.96608	0.13935	0.576623	-1.73423	0.00155479	0.207153	-4.82735	0.218966	0.639271	-1.56428	0.00112631	0.19031	-5.25458	0.191118	0.619385	-1.6145	0.00830815	0.311107	-3.21433	6.41622	12.1709	1.68613	1
cg16789335	PPP1R3F	0.00772758	0.00936509	0.262936	-3.80321	0.0930985	0.472865	-2.11477	0.0570372	0.417716	-2.39397	0.059261	2.37101	2.37101	0.00216732	0.174695	-5.72426	0.0834933	2.17418	2.17418	0.0708709	0.441237	-2.26635	0.0886534	0.467008	-2.14129	0.0307333	0.357434	-2.79772	6.41361	16.6946	2.31377	1
cg18796531	PPP1R3G	0.0064303	0.390681	0.861331	-1.16099	0.693947	0.935081	-1.06943	0.211826	1.2501	1.2501	0.243015	1.23041	1.23041	0.511973	1.1195	1.1195	0.0631944	1.42567	1.42567	0.964815	1.00751	1.00751	9.10E-05	3.27746	3.27746	0.710174	0.93861	-1.06541	6.79205	3.09861	0.405522	1
cg06197981	PPP1R3G	0.0115868	0.396813	0.899408	-1.11184	0.884201	1.01797	1.01797	0.637466	0.943651	-1.05971	0.313795	0.880477	-1.13575	0.453259	0.91087	-1.09785	0.13392	1.21837	1.21837	0.673099	0.949471	-1.05322	0.000351145	2.01751	2.01751	0.0574896	0.769122	-1.30018	5.63713	1.33294	0.210185	1
cg03883502	PPP1R3G	0.0116849	0.0453387	3.79965	3.79965	0.0193171	5.1816	5.1816	0.106533	2.78629	2.78629	0.173185	2.32269	2.32269	0.198405	2.20408	2.20408	0.0312632	4.34644	4.34644	0.00108916	16.4864	16.4864	0.00330865	10.2395	10.2395	0.0151887	5.66335	5.66335	5.62177	30.1018	4.75957	1
cg07005356	PPP1R3G	0.0194214	0.492747	1.1316	1.1316	0.0597895	1.4578	1.4578	0.0114069	1.75407	1.75407	0.616786	1.09366	1.09366	0.0842809	1.40344	1.40344	0.27677	1.22232	1.22232	0.0428795	0.661286	-1.5122	0.00429335	1.96947	1.96947	0.035146	1.54575	1.54575	4.75166	2.37001	0.443357	1
cg07637123	PPP1R3G	0.0353925	0.772348	0.9018	-1.10889	0.269903	0.664073	-1.50586	0.452329	1.31366	1.31366	0.365554	0.718016	-1.39273	0.52801	0.796271	-1.25585	0.684094	1.15692	1.15692	0.00400758	0.25212	-3.96636	0.0102585	3.16731	3.16731	0.442615	1.32174	1.32174	3.85154	7.74487	1.78742	1
cg12150111	PPP1R3G	0.0395086	0.702356	0.91668	-1.09089	0.157914	1.40789	1.40789	0.176536	1.38477	1.38477	0.272739	1.29518	1.29518	0.386936	1.22256	1.22256	0.775331	0.937221	-1.06698	0.00289784	0.395443	-2.52881	0.0498705	1.65995	1.65995	0.671841	1.10136	1.10136	3.69993	3.00835	0.722741	1
cg07578976	PPP1R3G	0.0485951	0.770976	1.03755	1.03755	0.96773	1.00512	1.00512	0.442168	0.905783	-1.10402	0.771971	0.963972	-1.03737	0.277604	1.15324	1.15324	0.632184	0.940921	-1.06279	0.095882	0.793789	-1.25978	0.00154796	1.77684	1.77684	0.625519	1.06408	1.06408	3.42497	0.864934	0.224478	1
cg11574745	PPP1R3G;PPP1R3G	0.00403102	0.730511	0.912852	-1.09547	0.00128119	3.44927	3.44927	0.0116715	2.29587	2.29587	0.156354	1.4916	1.4916	0.00284818	2.95356	2.95356	0.41925	1.24314	1.24314	0.000584028	4.06301	4.06301	0.0185455	2.12319	2.12319	0.290175	1.33575	1.33575	7.83422	8.62845	0.979003	1
cg00311772	PPP1R7	0.0166647	0.894829	1.03787	1.03787	0.000813757	0.242	-4.13223	0.229418	0.701569	-1.42538	0.0844414	0.584841	-1.70987	0.162039	0.657318	-1.52133	0.0336515	0.497923	-2.00834	0.12641	1.59152	1.59152	0.287833	1.36361	1.36361	0.802994	0.93216	-1.07278	5.00268	6.25802	1.11194	1
cg08157292	PPP1R7	0.0295244	0.111171	0.454782	-2.19886	0.454327	0.70747	-1.41349	0.538971	0.753944	-1.32636	0.0144196	3.9322	3.9322	0.0204254	0.281207	-3.5561	0.922118	0.956569	-1.0454	0.0104379	0.231315	-4.32311	0.631032	1.24573	1.24573	0.12205	0.46722	-2.14032	4.11007	13.4204	2.90243	1
cg16751493	PPP1R7	0.0447312	0.095018	0.471813	-2.11948	0.0619662	0.422916	-2.36453	0.299267	1.55348	1.55348	0.724525	1.1559	1.1559	0.052927	0.406286	-2.46132	0.169445	0.549183	-1.82089	0.00814055	0.249833	-4.00267	0.0168412	0.30297	-3.30066	0.403578	0.70471	-1.41902	3.53344	9.38228	2.36025	1
cg10631368	PPP1R7;PASK	0.000990968	0.000703186	0.508531	-1.96645	0.00192483	1.77676	1.77676	0.00166723	1.80167	1.80167	0.62325	0.937234	-1.06697	0.871823	1.02136	1.02136	0.0227506	0.699845	-1.42889	0.10473	0.792838	-1.26129	0.011369	1.51412	1.51412	0.0872252	1.28046	1.28046	11.7968	3.20228	0.241291	1
cg12054421	PPP1R7;PASK	0.00451717	0.00957024	0.619907	-1.61314	0.0250234	1.47493	1.47493	0.0649753	1.3526	1.3526	0.00102305	0.491854	-2.03313	0.190342	1.22401	1.22401	0.0668557	1.3491	1.3491	0.113146	1.28568	1.28568	0.543119	0.914194	-1.09386	0.131252	1.26805	1.26805	7.56897	2.54648	0.299055	1
cg05228485	PPP1R7;PASK	0.00508244	0.0333285	0.570764	-1.75204	0.0971836	0.663362	-1.50747	0.00127716	0.346744	-2.88397	0.146041	1.42171	1.42171	0.394783	1.21715	1.21715	0.00286297	0.396475	-2.52223	?	?	?	0.804657	1.05746	1.05746	0.102952	1.49515	1.49515	7.45834	5.33774	0.715674	1
cg03939764	PPP1R8;PPP1R8;PPP1R8	2.33E-05	0.0115551	0.791086	-1.26409	0.000492878	0.667043	-1.49915	1.76E-06	0.412566	-2.42385	?	?	?	7.44E-06	0.480933	-2.07929	0.00308618	0.740433	-1.35056	0.00115501	0.701666	-1.42518	0.729305	1.02611	1.02611	0.00451414	0.755151	-1.32424	33.4058	2.58953	0.0775176	1
cg22080472	PPP1R8;PPP1R8;PPP1R8	0.00250167	0.438748	1.05252	1.05252	0.000512493	1.42129	1.42129	0.372187	0.942345	-1.06118	0.125517	0.898108	-1.11345	0.878149	0.990105	-1.00999	0.0126186	1.22264	1.22264	0.000365964	1.44774	1.44774	0.88148	0.990377	-1.00972	0.0754863	1.13684	1.13684	9.03027	0.600836	0.0591429	1
cg27553626	PPP1R8;PPP1R8;PPP1R8	0.00884404	0.116061	0.433307	-2.30783	0.686805	0.819984	-1.21954	0.0451385	0.32449	-3.08176	0.423592	0.670194	-1.4921	0.0556068	0.345735	-2.89239	0.00600891	0.17242	-5.79978	0.000261179	0.0528913	-18.9067	0.697237	0.825771	-1.21099	0.0399744	0.312718	-3.19777	6.14635	23.3391	3.37532	1
cg09009042	PPP1R8;PPP1R8;PPP1R8	0.0154021	0.112422	0.774359	-1.29139	0.130003	0.785055	-1.2738	0.0174684	0.651756	-1.53432	0.129697	0.784879	-1.27408	0.674828	1.06442	1.06442	0.0747835	1.34133	1.34133	0.000853675	0.476455	-2.09883	0.482881	0.899856	-1.11129	0.631553	0.931005	-1.07411	5.13553	1.78077	0.308227	1
cg26025068	PPP1R8;PPP1R8;PPP1R8	0.023364	0.190553	0.624527	-1.60121	0.5194	0.801065	-1.24834	0.151221	1.68596	1.68596	0.112024	1.79986	1.79986	0.112434	0.556038	-1.79844	0.0399237	0.446397	-2.24016	0.00568877	0.291772	-3.42733	0.0817578	1.92533	1.92533	0.115616	0.559398	-1.78764	4.46063	8.1486	1.62381	1
cg04704947	PPP1R8;PPP1R8;PPP1R8	0.0381678	0.594039	0.857861	-1.16569	0.0107282	2.49369	2.49369	0.297705	0.73517	-1.36023	0.399858	1.27839	1.27839	0.0118023	0.40815	-2.45008	0.0586256	0.544009	-1.83821	0.311515	0.742014	-1.34768	0.197371	0.678177	-1.47454	0.423254	0.792079	-1.2625	3.74709	4.81985	1.14337	1
cg19622078	PPP1R8;PPP1R8;PPP1R8;PPP1R8;PPP1F 8	0.00705416	0.031995	0.259641	-3.85148	0.21848	0.50525	-1.97922	0.494246	0.694788	-1.43929	0.0156586	0.201482	-4.96323	0.000418749	0.0422955	-23.6432	?	?	?	0.606761	1.31269	1.31269	0.377098	1.60997	1.60997	0.149366	2.26573	2.26573	7.72053	29.1442	3.30304	1
cg11986810	PPP1R8;PPP1R8;PPP1R8;PPP1R8;PPP1F 8	0.0225647	0.58062	0.944178	-1.05912	0.0221943	1.32606	1.32606	0.32033	1.11149	1.11149	0.00367453	0.667479	-1.49818	0.980838	0.997531	-1.00248	0.160455	0.856982	-1.16689	0.925526	1.00967	1.00967	0.0236018	0.757121	-1.32079	0.281123	1.12222	1.12222	4.51446	0.757564	0.149163	1
cg11258011	PPP1R8;PPP1R8;PPP1R8;SCARNA1	0.025046	0.224679	0.579711	-1.725	0.0841653	0.441825	-2.26334	0.015482	0.28092	-3.55974	0.141907	0.509112	-1.96421	0.00222083	0.160056	-6.2478	0.00933268	0.244233	-4.09445	0.0571856	0.39858	-2.50891	0.852991	1.08253	1.08253	0.162936	0.529031	-1.89025	4.35445	12.604	2.57289	1
cg13103485	PPP1R9A;PPP1R9A	0.0104206	0.214713	0.852338	-1.17324	0.585324	0.934824	-1.06972	0.0473846	1.31981	1.31981	0.334451	0.885353	-1.12949	0.00277289	0.603679	-1.65651	0.881908	1.01835	1.01835	0.00456747	1.5872	1.5872	0.0596195	1.29698	1.29698	0.42228	1.10547	1.10547	5.83312	1.38239	0.210657	1
cg15544721	PPP1R9A;PPP1R9A	0.0237978	0.116674	1.57725	1.57725	0.00177871	3.28463	3.28463	0.017067	2.17569	2.17569	0.156338	1.49983	1.49983	0.153392	0.664538	-1.5048	0.260044	1.36898	1.36898	0.868326	1.04535	1.04535	0.0322767	1.95467	1.95467	0.364354	1.28297	1.28297	4.43236	5.01654	1.00604	1
cg04916107	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;F PP1R9A	0.0075204	0.341448	0.824339	-1.21309	0.0980621	1.42991	1.42991	0.0060833	2.0255	2.0255	0.772206	0.944404	-1.05887	0.000781005	0.367397	-2.72185	0.0838638	1.45787	1.45787	0.516328	0.878376	-1.13846	0.993682	1.00156	1.00156	0.153876	1.35101	1.35101	6.4685	3.97847	0.546713	1
cg17612412	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;F PP1R9A	0.0136206	0.482061	1.10531	1.10531	0.301713	0.860764	-1.16176	0.00078165	0.490703	-2.03789	0.44386	0.896382	-1.1156	0.0218615	0.680096	-1.47038	0.485066	1.10453	1.10453	0.148259	1.24273	1.24273	0.152529	1.23953	1.23953	0.15841	0.809548	-1.23526	5.34791	1.66314	0.276434	1
cg03289906	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;F PP1R9A	0.0202788	0.489137	1.12126	1.12126	0.0018325	0.486228	-2.05665	0.545876	1.10469	1.10469	0.404024	1.14923	1.14923	0.363026	0.858746	-1.16449	0.470466	0.887278	-1.12704	0.407534	0.871094	-1.14798	0.0130604	0.605587	-1.65129	0.0571146	1.41994	1.41994	4.68247	1.96776	0.373547	1
cg07764059	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;F PP1R9A	0.0240513	0.193395	0.592658	-1.68731	0.0210487	0.348246	-2.87153	0.0337804	0.389763	-2.56566	0.292762	0.660418	-1.51419	0.00466983	0.239371	-4.17762	0.110052	0.515788	-1.93878	0.00507989	0.244666	-4.0872	0.0167841	0.329768	-3.03243	0.622847	0.828259	-1.20735	4.41613	10.1055	2.03407	1
cg10030580	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;F PP1R9A	0.0242632	?	?	?	0.287991	1.87209	1.87209	0.0284813	4.67914	4.67914	0.144669	2.46409	2.46409	0.00269533	0.0714334	-13.9991	0.844296	1.11663	1.11663	0.221748	2.08202	2.08202	0.35642	0.584302	-1.71144	0.452858	1.53989	1.53989	5.66999	23.9057	3.16214	1
cg18330866	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;F PP1R9A	0.0461753	0.949051	0.975374	-1.02525	0.307426	1.51021	1.51021	0.431704	0.731162	-1.36769	0.378188	1.42304	1.42304	0.0426792	0.402338	-2.48547	0.525983	1.28496	1.28496	0.366882	1.43576	1.43576	0.00242606	5.19315	5.19315	0.286498	1.54014	1.54014	3.4916	8.41928	2.14338	1
cg08533136	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;F PP1R9A	0.047396	0.263992	0.655648	-1.52521	0.701325	0.869607	-1.14995	0.130246	0.552932	-1.80854	0.0530849	0.450749	-2.21853	0.0463656	0.437224	-2.28716	0.0114586	0.317601	-3.1486	0.0221753	0.370021	-2.70255	0.642546	1.18467	1.18467	0.0162085	0.344326	-2.90423	3.45746	7.19759	1.85045	1
cg25244778	PPP1R9B	0.00608221	0.0350717	0.726627	-1.37622	0.000482384	2.03805	2.03805	0.620197	1.06713	1.06713	0.115994	0.800772	-1.2488	0.347258	1.13414	1.13414	0.991069	1.00146	1.00146	0.117093	0.801397	-1.24782	0.0227085	1.42575	1.42575	0.146896	0.816711	-1.22442	6.91006	1.85112	0.238123	1
cg24768093	PPP1R9B	0.0179109	0.0631162	0.764157	-1.30863	0.00812705	0.646604	-1.54654	0.481378	1.09647	1.09647	0.0100431	0.658279	-1.51911	0.95199	0.992282	-1.00778	0.0226543	0.703886	-1.42068	0.182669	1.19958	1.19958	0.116901	0.803169	-1.24507	0.121991	1.24072	1.24072	4.88327	1.28063	0.233111	1
cg21855944	PPP1R9B	0.0363347	0.918571	0.969824	-1.03112	0.13229	0.614652	-1.62694	0.92519	1.02854	1.02854	0.437587	1.26778	1.26778	0.0112058	0.385872	-2.59153	0.278283	0.713338	-1.40186	0.0220978	0.43941	-2.27578	0.332463	0.741134	-1.34928	0.0199164	2.32093	2.32093	3.81498	5.42457	1.26392	1
cg13686739	PPP1R9B	0.0402738	0.887783	0.957424	-1.04447	0.00980161	2.7352	2.7352	0.0181781	2.41992	2.41992	0.363025	1.33387	1.33387	0.93742	0.976093	-1.02449	0.554251	1.20243	1.20243	0.472609	0.79842	-1.25247	0.00528189	3.10546	3.10546	0.354754	1.34094	1.34094	3.67389	5.52532	1.33684	1
cg08360253	PPP2CA	0.00253363	0.556825	1.05793	1.05793	0.21892	0.884673	-1.13036	0.23953	0.889832	-1.12381	0.439683	0.928033	-1.07755	0.880828	1.01432	1.01432	0.34141	1.09736	1.09736	3.89E-05	0.47392	-2.11006	0.463502	1.07328	1.07328	0.0970519	1.18839	1.18839	8.99658	1.27971	0.12644	1
cg15827086	PPP2CA	0.00657283	0.0773452	0.720374	-1.38817	0.00182611	2.09559	2.09559	0.0151677	1.64588	1.64588	0.402371	0.866625	-1.1539	0.193705	0.794769	-1.25823	0.00776919	0.564986	-1.76996	0.756012	1.05344	1.05344	0.193804	1.25816	1.25816	0.0993296	1.35223	1.35223	6.746	2.98087	0.392775	1
cg03183936	PPP2CA	0.00736143	0.0282754	0.646441	-1.54693	0.0801433	1.38686	1.38686	0.231455	1.23545	1.23545	0.435566	0.874583	-1.1434	0.014492	0.602032	-1.66104	0.018181	1.62109	1.62109	0.00816886	0.56539	-1.76869	0.00927927	0.573438	-1.74387	0.456996	0.880201	-1.1361	6.51192	2.92681	0.399515	1
cg04599652	PPP2CA	0.0138779	0.0203543	1.61444	1.61444	0.106111	1.33767	1.33767	0.313305	1.18349	1.18349	0.302133	1.18861	1.18861	0.185929	0.795621	-1.25688	0.759218	0.952071	-1.05034	0.00163253	0.436152	-2.29278	0.106364	0.747765	-1.33732	0.0648715	0.707921	-1.41259	7.013	2.69394	0.25609	1
cg00660400	PPP2CA	0.01541	0.50581	0.930579	-1.0746	0.712346	0.961302	-1.04026	0.419211	1.09194	1.09194	0.0122695	0.717182	-1.39435	0.222756	1.1463	1.1463	0.0409303	0.777684	-1.28587	0.0233136	1.33493	1.33493	0.0100079	1.41415	1.41415	0.0861601	1.22392	1.22392	5.13465	0.923567	0.159884	1
cg25574672	PPP2CA	0.0183083	0.817268	1.03369	1.03369	0.284793	0.852954	-1.1724	0.0476868	0.72313	-1.38288	0.0566991	1.36176	1.36176	0.00436202	0.579747	-1.72489	0.0417059	1.39945	1.39945	0.943349	1.01023	1.01023	0.163755	1.23706	1.23706	0.0843311	1.31436	1.31436	4.84734	1.57325	0.288497	1
cg21105477	PPP2CA	0.0256692	0.00778202	0.405213	-2.46784	0.194938	1.43681	1.43681	0.0167138	2.1646	2.1646	0.116598	0.637159	-1.56947	0.181159	0.687086	-1.45542	0.986625	0.995579	-1.00444	0.0448911	0.544142	-1.83776	0.754805	0.920516	-1.08635	0.285188	1.34105	1.34105	4.31732	4.77847	0.983834	1
cg00557469	PPP2CA	0.0331244	0.0260361	0.523082	-1.91175	0.681543	0.90373	-1.10653	0.435608	0.822721	-1.21548	0.841305	1.05041	1.05041	0.798432	0.939149	-1.06479	0.476508	1.19434	1.19434	0.00390825	2.59329	2.59329	0.306806	1.29635	1.29635	0.0308785	1.86238	1.86238	3.94471	3.76016	0.847302	1
cg10666410	PPP2CA	0.0392455	0.863923	0.973286	-1.02745	0.044805	1.43844	1.43844	0.0237746	1.53105	1.53105	0.234508	1.21739	1.21739	0.541637	0.907076	-1.10244	0.337493	0.855485	-1.16893	0.00692214	0.575971	-1.7362	0.886308	0.97767	-1.02284	0.503584	0.898395	-1.1131	3.70903	1.46371	0.350787	1
cg26818893	PPP2CB;PPP2CB	0.000858775	0.0178879	0.643876	-1.55309	0.0184146	0.645692	-1.54873	0.00084387	0.464015	-2.1551	0.718269	0.946088	-1.05698	0.00703371	0.586844	-1.70403	0.381306	0.871657	-1.14724	0.0460034	1.41879	1.41879	4.62E-05	0.308296	-3.24364	0.17063	0.799955	-1.25007	12.2842	4.55245	0.329415	1
cg07666727	PPP2CB;PPP2CB	0.00142702	0.395048	1.21583	1.21583	5.62E-05	5.36268	5.36268	0.04327	1.6847	1.6847	0.432389	1.19693	1.19693	0.0126633	0.49894	-2.00425	0.806633	0.946466	-1.05656	0.762019	1.07052	1.07052	0.00959796	2.08686	2.08686	0.10838	0.675063	-1.48134	10.631	8.47507	0.708626	1
cg16010427	PPP2CB;PPP2CB	0.00249932	0.339316	1.05288	1.05288	0.00849793	1.19212	1.19212	0.822227	0.988296	-1.01184	0.35415	0.95135	-1.05114	0.742095	1.01743	1.01743	0.00271715	0.805235	-1.24187	0.000318655	1.35652	1.35652	0.926107	1.00486	1.00486	0.0533218	0.891505	-1.1217	9.03277	0.391573	0.0385336	1
cg09388991	PPP2CB;PPP2CB	0.00252857	0.879046	1.04702	1.04702	0.00219753	0.273786	-3.65249	0.855817	1.05641	1.05641	0.125369	0.606249	-1.64949	0.132219	0.612517	-1.63261	0.157504	1.57781	1.57781	0.000241799	0.16009	-6.24648	0.830709	0.937446	-1.06673	0.00156356	0.253802	-3.94008	9.00188	12.978	1.28151	1
cg24698622	PPP2CB;PPP2CB	0.00377041	0.126844	0.777162	-1.28673	0.326813	0.856798	-1.16714	0.0584524	0.721498	-1.38601	0.304031	0.849997	-1.17647	0.00473689	0.56396	-1.77317	0.281625	0.84296	-1.1863	0.000911043	0.469008	-2.13216	0.028626	0.674208	-1.48322	0.00326023	1.84486	1.84486	7.99342	2.95093	0.328151	1
cg23693487	PPP2CB;PPP2CB	0.0174147	0.0304381	0.145667	-6.86496	0.0332141	0.151797	-6.58775	0.026627	0.136728	-7.31377	0.469585	0.572826	-1.74573	0.0209611	0.122013	-8.19585	0.0504218	0.184757	-5.41251	0.0018938	0.0356482	-28.0519	0.00835802	0.0779175	-12.8341	0.091931	0.245346	-4.07588	4.92954	44.7777	8.07426	1
cg04927725	PPP2CB;PPP2CB	0.020266	0.00982074	0.182503	-5.47937	0.119224	0.4143	-2.41371	0.0164582	0.217086	-4.60646	0.632665	1.28526	1.28526	0.0646415	0.339051	-2.94941	0.183079	0.478929	-2.08799	0.00671405	0.160088	-6.24655	0.0048367	0.142607	-7.01225	0.224319	0.514164	-1.9449	4.68348	20.1451	3.82339	1
cg26631144	PPP2CB;PPP2CB;PPP2CB;PPP2CB	0.00146163	0.0913492	1.35058	1.35058	0.000120359	0.337473	-2.9632	?	?	?	0.0104362	1.68398	1.68398	0.281273	0.834431	-1.19842	0.493485	0.893683	-1.11897	0.0119905	1.65964	1.65964	0.685022	0.936212	-1.06813	0.131223	0.768444	-1.30133	10.8038	3.97363	0.3678	1
cg11357813	PPP2R1A	0.000201346	0.0498693	0.43862	-2.27988	3.32E-06	0.0174864	-57.1872	0.91092	0.959602	-1.0421	0.042537	0.422948	-2.36436	0.0111364	0.309605	-3.22993	0.00462772	0.249527	-4.00758	0.757341	1.12097	1.12097	0.140643	1.79314	1.79314	0.169542	1.71458	1.71458	18.3378	39.4287	1.91123	1
cg11681192	PPP2R1A	0.0112724	0.130283	0.675442	-1.48051	0.167554	1.42366	1.42366	0.43222	0.824922	-1.21224	0.347291	1.2616	1.2616	0.0197738	0.508734	-1.96566	0.126496	0.672383	-1.48725	0.00482	0.407394	-2.45462	0.00693881	2.31369	2.31369	0.169863	0.70393	-1.4206	5.68747	5.19364	0.811708	1
cg04165128	PPP2R1A	0.0128657	0.323962	0.886714	-1.12776	0.0041009	1.57541	1.57541	0.0168369	1.4109	1.4109	0.53405	0.928364	-1.07716	0.69196	1.04812	1.04812	0.0102303	0.682431	-1.46535	0.0427749	0.759391	-1.31684	0.817037	0.973018	-1.02773	0.457701	1.09336	1.09336	5.44859	1.20212	0.196115	1
cg03063453	PPP2R1A	0.020067	0.114885	0.785852	-1.2725	0.00687023	1.63555	1.63555	0.982369	0.996899	-1.00311	0.276161	0.852805	-1.1726	0.791792	0.963494	-1.03789	0.394891	0.884722	-1.1303	0.00174675	0.534077	-1.87239	0.594521	0.927263	-1.07844	0.901769	0.982793	-1.01751	4.69922	1.47048	0.278151	1
cg11632529	PPP2R1A	0.0354212	0.8055	0.921873	-1.08475	0.0109773	0.349127	-2.86429	0.689916	0.876135	-1.14138	0.00932945	0.337119	-2.96632	0.792177	0.916611	-1.09097	0.234907	1.5076	1.5076	0.579084	1.20293	1.20293	0.720847	1.12559	1.12559	0.0119037	0.355226	-2.81511	3.85041	6.63018	1.53061	1
cg25767192	PPP2R1A	0.0424636	0.762659	1.03442	1.03442	0.178747	0.852464	-1.17307	0.83342	1.02381	1.02381	0.336658	0.895213	-1.11705	0.296563	0.886091	-1.12855	0.0157405	0.718428	-1.39193	0.00157623	0.602203	-1.66057	0.540204	0.933056	-1.07175	0.173426	0.850569	-1.17568	3.60262	0.712423	0.175779	1
cg04729371	PPP2R1B;PPP2R1B	0.00142658	0.0456351	0.826747	-1.20956	0.000873381	0.660699	-1.51355	0.383917	0.928563	-1.07693	0.243339	1.10666	1.10666	0.0676517	1.18524	1.18524	0.0153788	0.781207	-1.28007	0.391096	1.07568	1.07568	0.0084573	1.32196	1.32196	0.0010643	1.49424	1.49424	10.6319	1.16049	0.0970234	1
cg03723716	PPP2R1B;PPP2R1B	0.0148027	0.127017	1.60175	1.60175	0.00204759	3.45663	3.45663	0.0149432	2.34958	2.34958	0.847263	0.946444	-1.05659	0.115561	0.613659	-1.62957	0.0230042	2.17313	2.17313	0.399537	1.27913	1.27913	0.309344	1.35027	1.35027	0.139661	0.635276	-1.57412	5.20342	6.71477	1.14707	1
cg14640751	PPP2R1B;PPP2R1B	0.0169682	0.30436	0.922571	-1.08393	0.146906	1.12518	1.12518	0.18357	1.11282	1.11282	0.0656808	0.85514	-1.1694	0.0593083	1.17504	1.17504	0.156293	0.891459	-1.12176	0.0178682	0.804044	-1.24371	0.763973	1.02308	1.02308	0.00594988	1.31323	1.31323	4.9726	0.45205	0.0808074	1
cg02345417	PPP2R1B;PPP2R1B	0.0321407	0.0850442	2.92898	2.92898	0.00319141	9.70084	9.70084	0.00546893	7.8612	7.8612	0.0528324	3.46275	3.46275	0.328271	1.76733	1.76733	0.114364	2.63581	2.63581	0.039377	3.83852	3.83852	0.184106	2.2148	2.2148	0.114317	2.6362	2.6362	3.98761	20.1147	4.48381	1
cg06876710	PPP2R2A	2.09E-09	3.19E-05	0.844733	-1.18381	1.71E-10	33.7909	33.7909	2.07E-09	6.59904	6.59904	2.27E-08	0.354312	-2.82237	3.09E-06	1.35425	1.35425	5.30E-06	1.30339	1.30339	?	?	?	1.17E-07	1.99096	1.99096	1.16E-05	1.24332	1.24332	34588.1	31.7686	0.000459242	1
cg18011691	PPP2R2A	0.00481422	0.0640562	0.658605	-1.51836	0.339424	1.21846	1.21846	0.472497	1.15794	1.15794	0.0648092	0.659567	-1.51615	0.955342	1.0113	1.0113	0.00718333	0.498371	-2.00654	0.0127355	0.537326	-1.86107	0.000886218	2.71705	2.71705	0.258502	0.789313	-1.26692	7.42382	4.73491	0.566933	1
cg17287814	PPP2R2A	0.0104921	0.0104968	0.69336	-1.44225	0.417255	1.09885	1.09885	0.0101996	1.44533	1.44533	0.0810627	0.802566	-1.246	0.0247752	0.73794	-1.35512	0.0454141	0.770328	-1.29815	0.184677	1.17349	1.17349	0.138656	1.19873	1.19873	0.164217	1.18385	1.18385	5.82034	1.19188	0.182026	1
cg08201604	PPP2R2A	0.0354487	0.256944	0.605349	-1.65194	0.304475	1.57013	1.57013	0.469737	0.731975	-1.36617	0.137758	1.97003	1.97003	0.0531968	0.393814	-2.53927	0.690894	1.18479	1.18479	0.0915931	0.454713	-2.19919	0.00382434	5.22928	5.22928	0.814571	0.905135	-1.10481	3.84933	10.9724	2.53375	1
cg02895278	PPP2R2A	0.036877	0.00897701	0.432598	-2.31161	0.012071	0.45417	-2.20182	0.0118939	0.453077	-2.20713	0.408113	1.23784	1.23784	0.260579	0.743858	-1.34434	0.0458405	0.561452	-1.7811	0.170966	0.692373	-1.44431	0.159961	0.684807	-1.46026	0.397861	0.803888	-1.24396	3.79446	3.82166	0.895261	1
cg21150486	PPP2R2A	0.0400054	0.812015	0.910052	-1.09884	0.671209	0.844579	-1.18402	0.281836	1.55653	1.55653	0.634595	0.827447	-1.20854	0.440387	1.36516	1.36516	0.439948	0.732285	-1.36559	0.12369	0.517047	-1.93406	0.00126487	0.155467	-6.43223	0.226743	1.65216	1.65216	3.68295	9.1288	2.20326	1
cg14823825	PPP2R2A	0.0417424	0.0721118	0.455613	-2.19485	0.182319	0.574466	-1.74075	0.104083	0.498609	-2.00558	0.269348	0.637322	-1.56907	0.0407198	0.396441	-2.52244	0.609663	1.22343	1.22343	0.280499	0.644478	-1.55164	0.011122	3.47814	3.47814	0.0948935	0.48735	-2.05191	3.62558	8.80647	2.15909	1
cg12524428	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2E	0.0422416	0.206153	0.601881	-1.66146	0.00697372	0.264815	-3.77623	0.0580676	0.442395	-2.26042	0.319635	1.47926	1.47926	0.0161438	0.326098	-3.06656	0.22644	0.616603	-1.62179	0.569139	0.803271	-1.24491	0.495682	1.30131	1.30131	0.289235	1.52017	1.52017	3.60964	8.28626	2.04053	1
cg13971892	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;F PP2R2B;PPP2R2B;PPP2R2E	0.000800174	0.0980698	0.781762	-1.27916	0.0929278	0.778173	-1.28506	0.0763481	0.765279	-1.30671	0.00103272	0.517086	-1.93391	0.0011002	0.520538	-1.92109	0.000261102	2.25814	2.25814	0.0531059	0.742176	-1.34739	0.0911756	0.776911	-1.28715	0.214252	1.19412	1.19412	12.5313	3.65345	0.259151	1
cg19494588	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;F PP2R2B;PPP2R2B;PPP2R2E	0.00221363	0.217135	1.24778	1.24778	0.00139976	0.454322	-2.20108	0.96705	0.992983	-1.00707	0.134584	0.759558	-1.31655	0.0619315	1.43097	1.43097	0.0327415	1.53094	1.53094	0.000276504	2.75875	2.75875	0.779876	1.04892	1.04892	0.404021	0.864537	-1.15669	9.36036	4.30817	0.409118	1
cg25005674	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;F PP2R2B;PPP2R2B;PPP2R2E	0.00271475	0.321419	1.17807	1.17807	0.000379538	0.403245	-2.47988	0.016133	0.624431	-1.60146	0.363144	0.861127	-1.16127	0.089131	1.34974	1.34974	0.273875	0.83348	-1.19979	0.410687	1.14406	1.14406	0.000845088	0.448066	-2.23181	0.463916	1.12666	1.12666	8.8152	3.57286	0.360273	1
cg15700870	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;F PP2R2B;PPP2R2B;PPP2R2E	0.00313778	0.187631	1.31252	1.31252	0.0175318	0.569511	-1.75589	0.00881224	0.522312	-1.91456	0.364381	0.834002	-1.19904	0.247535	1.26548	1.26548	0.340307	0.825817	-1.21092	0.000291618	3.15866	3.15866	0.052692	0.651204	-1.53562	0.92109	0.980888	-1.01948	8.44468	5.07249	0.533931	1
cg25021259	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;F PP2R2B;PPP2R2B;PPP2R2E	0.020995	0.139378	0.687427	-1.4547	0.878516	0.964603	-1.0367	0.144214	1.44717	1.44717	0.326127	1.26982	1.26982	0.0804781	0.633307	-1.57901	0.0753404	1.59443	1.59443	0.00225147	0.365144	-2.73865	0.0485963	0.588148	-1.70025	0.810345	0.944929	-1.05828	4.62741	4.06846	0.78152	1
cg13983063	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;F PP2R2B;PPP2R2B;PPP2R2E	0.0277059	0.138166	0.59359	-1.68466	0.23306	0.664627	-1.5046	0.996987	0.998767	-1.00123	?	?	?	0.0277294	0.427365	-2.33992	0.796994	0.919227	-1.08787	0.00364128	0.276599	-3.61534	0.00599967	0.309361	-3.23247	0.948709	0.979201	-1.02124	4.27525	6.42473	1.50277	1
cg20560075	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;F PP2R2B;PPP2R2B;PPP2R2E	0.0279896	0.00458047	0.0422278	-23.6811	0.0791608	0.195121	-5.12501	0.372615	0.464207	-2.15421	0.667092	0.695717	-1.43737	0.00428256	0.0406197	-24.6186	0.720857	1.35096	1.35096	0.0232323	0.102844	-9.72344	0.92168	1.08594	1.08594	0.111536	0.233829	-4.27663	4.18833	46.6278	9.89581	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19825203	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P PP2R2B;PPP2R2B;PPP2R2B	0.0340787	0.143837	0.568669	-1.75849	0.0697042	0.482337	-2.07324	0.129451	1.80189	1.80189	0.166926	1.69831	1.69831	0.0083213	0.297512	-3.36121	0.317197	0.689598	-1.45012	0.358372	1.40421	1.40421	0.0665653	2.09474	2.09474	0.290731	0.674293	-1.48303	3.90458	7.98924	1.81877	1
cg08774231	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P PP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.001969	0.318973	0.885546	-1.12925	0.0280561	1.35827	1.35827	0.0688221	1.27168	1.27168	0.00488917	0.643909	-1.55301	0.159524	1.19411	1.19411	0.800158	1.03039	1.03039	0.579154	0.936021	-1.06835	0.000194732	0.477226	-2.09544	0.0319025	1.34547	1.34547	9.68587	2.13662	0.196081	1
cg11826826	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P PP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.0393661	0.909457	0.966233	-1.03495	0.557004	1.19644	1.19644	0.603533	0.853682	-1.1714	0.669723	0.878489	-1.13832	0.158073	1.57724	1.57724	0.00785964	2.80049	2.80049	0.00590351	0.337037	-2.96703	0.862101	1.0539	1.0539	0.434027	1.27256	1.27256	3.70485	5.34952	1.28349	1
cg25149751	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P PP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.0408914	0.695264	1.10766	1.10766	0.309534	1.31409	1.31409	0.0126696	2.23631	2.23631	0.536824	0.850067	-1.17638	0.89229	0.965423	-1.03581	0.020193	2.07009	2.07009	0.0131899	0.450187	-2.2213	0.838891	1.0543	1.0543	0.752773	1.08554	1.08554	3.65332	3.9034	0.949737	1
cg25542878	PPP2R2C	0.00595695	0.287445	0.672361	-1.4873	0.0231542	2.65331	2.65331	0.710167	0.874445	-1.14358	0.81453	0.91901	-1.08813	0.00733381	0.288719	-3.46357	0.366948	1.3953	1.3953	?	?	?	0.000694332	0.155655	-6.42445	0.0688241	0.480992	-2.07904	7.10139	12.9139	1.81851	1
cg25558404	PPP2R2C	0.00624417	0.0738287	0.778167	-1.28507	0.93355	0.989558	-1.01055	0.0396381	0.741203	-1.34916	0.701113	1.04974	1.04974	0.440049	1.10419	1.10419	0.551221	1.07884	1.07884	0.0316011	1.37333	1.37333	0.00097319	0.539185	-1.85465	0.00365954	0.609766	-1.63997	6.85413	1.71984	0.22304	1
cg02766173	PPP2R2C	0.00837466	0.281123	0.658224	-1.51924	0.903318	0.955646	-1.04641	0.146311	0.558689	-1.78991	0.17231	0.581391	-1.72001	0.0511699	0.436461	-2.29115	0.277538	0.656004	-1.52438	0.000246081	0.104243	-9.59296	0.00712407	0.273176	-3.66064	0.0129283	0.31602	-3.16436	6.25329	13.8035	1.96213	1
cg19938791	PPP2R2C	0.0128771	0.827274	0.918773	-1.08841	0.00216937	5.3023	5.3023	0.0113696	3.41577	3.41577	0.204651	0.595188	-1.68014	0.0208908	0.340386	-2.93784	0.736968	1.13961	1.13961	0.338731	1.46565	1.46565	0.746209	0.88171	-1.13416	0.141712	0.541975	-1.8451	5.44702	12.9655	2.11581	1
cg07867360	PPP2R2C	0.0145864	0.590182	0.759462	-1.31672	0.110393	2.4119	2.4119	0.0437007	0.309324	-3.23286	0.59333	1.3136	1.3136	0.190503	0.495822	-2.01685	0.83667	0.900808	-1.11011	0.00112632	0.0883896	-11.3136	0.0111272	0.199774	-5.00565	0.0762783	0.36859	-2.71304	5.22876	21.207	3.6052	1
cg09710586	PPP2R2C	0.0188571	0.00702657	0.644584	-1.55139	0.0253524	1.39787	1.39787	0.26644	0.864239	-1.15709	0.0686993	1.29273	1.29273	0.126681	0.812061	-1.23144	0.536143	0.924093	-1.08214	0.17853	1.19735	1.19735	0.814587	0.970832	-1.03004	0.0280606	1.38672	1.38672	4.79929	1.20693	0.223539	1
cg02556634	PPP2R2C	0.0330785	0.174434	0.467365	-2.13965	0.0389073	0.283974	-3.52145	0.652486	1.26957	1.26957	0.783598	0.865063	-1.15598	0.0444326	0.296582	-3.37175	0.181951	0.474269	-2.10851	0.00162836	0.0928302	-10.7724	0.0347964	0.273775	-3.65263	0.183332	0.47552	-2.10296	3.94668	17.3293	3.90297	1
cg25318270	PPP2R2C	0.0373896	0.669736	1.09819	1.09819	0.518084	1.15379	1.15379	0.129208	1.43035	1.43035	0.00687782	0.465818	-2.14676	0.894837	0.97154	-1.02929	0.176649	0.730833	-1.3683	0.00567058	0.452806	-2.20845	0.454782	0.846863	-1.18083	0.59309	0.888913	-1.12497	3.77541	2.84993	0.670991	1
cg27492467	PPP2R2C	0.0388445	0.876095	1.04436	1.04436	0.380812	1.28411	1.28411	0.519993	1.19892	1.19892	0.76914	0.921391	-1.08532	0.936496	1.02241	1.02241	0.239445	1.40872	1.40872	0.002249	0.304315	-3.28607	0.021155	0.46251	-2.16211	0.596443	1.16028	1.16028	3.72304	4.56289	1.08941	1
cg19211295	PPP2R2C;PPP2R2C	5.57E-06	1.11E-05	0.470722	-2.1244	3.43E-06	0.414102	-2.41486	8.35E-06	0.456947	-2.18844	0.392466	0.931803	-1.07319	7.76E-06	0.453445	-2.20534	0.32464	1.08547	1.08547	0.000750669	1.51018	1.51018	0.487557	1.05851	1.05851	0.24267	0.906123	-1.1036	47.1932	4.85878	0.0915157	1
cg01363474	PPP2R2C;PPP2R2C	0.00144611	0.703324	0.932075	-1.07288	0.0679578	1.45619	1.45619	0.000149298	3.31258	3.31258	0.0886103	1.41245	1.41245	0.0164173	0.583261	-1.7145	0.565416	1.11274	1.11274	0.00781825	0.533855	-1.87317	0.0393081	0.645094	-1.55016	0.0507615	1.50556	1.50556	10.5905	5.66863	0.475785	1
cg22889768	PPP2R2C;PPP2R2C	0.00195257	0.803573	0.953762	-1.04848	0.508441	0.88035	-1.13591	0.00486318	0.492016	-2.03246	0.0051718	0.495956	-2.01631	0.00015043	0.290461	-3.44281	0.0211292	0.590545	-1.69335	0.0339034	1.60071	1.60071	0.403102	1.17649	1.17649	0.0965099	0.707063	-1.4143	9.70953	5.54924	0.508023	1
cg16616514	PPP2R2C;PPP2R2C	0.0162157	0.0123736	0.054379	-18.3894	0.0199385	0.0722979	-13.8317	0.0385465	0.106342	-9.40362	0.137743	0.224338	-4.45756	0.016822	0.0653666	-15.2983	0.0890747	0.173175	-5.77451	0.00403846	0.0270275	-36.9993	0.0195472	0.0714557	-13.9947	0.00736495	0.0395758	-25.268	5.04844	69.9135	12.3098	1
cg17467925	PPP2R2C;PPP2R2C	0.0445018	0.742025	0.967451	-1.03364	0.0132834	0.735386	-1.35983	0.395686	1.09105	1.09105	0.269393	1.12212	1.12212	0.938223	0.992265	-1.0078	0.0758023	1.21892	1.21892	0.00728794	1.41437	1.41437	0.904625	1.01208	1.01208	0.374825	1.09554	1.09554	3.54024	0.562683	0.141279	1
cg13847137	PPP2R2C;PPP2R2C	0.0484411	0.433802	1.29852	1.29852	0.00431869	3.48276	3.48276	0.0857868	1.86085	1.86085	?	?	?	0.047426	2.09963	2.09963	0.0186729	2.54064	2.54064	0.126681	1.71661	1.71661	0.405361	1.32107	1.32107	0.878943	1.05111	1.05111	3.48015	5.24114	1.50601	1
cg26238022	PPP2R2D;PPP2R2D;PPP2R2D	1.75E-05	3.74E-05	0.228994	-4.36692	0.00782766	1.88718	1.88718	3.12E-05	0.220531	-4.5345	0.286077	0.813723	-1.22892	0.879247	1.02869	1.02869	1.59E-05	0.190688	-5.24416	5.80E-06	0.149962	-6.66835	0.350296	1.19588	1.19588	0.231236	0.791636	-1.26321	35.0922	19.2412	0.487381	1
cg06259557	PPP2R2D;PPP2R2D;PPP2R2D	2.53E-05	0.000818828	1.50414	1.50414	1.33E-05	0.477802	-2.09292	0.0308714	0.814504	-1.22774	0.0136683	1.27999	1.27999	4.62E-06	0.427123	-2.34125	0.00650567	0.751076	-1.33142	0.0746705	1.17435	1.17435	0.043665	0.828851	-1.20649	0.00964721	0.767106	-1.3036	31.8588	3.3056	0.0922291	1
cg23804750	PPP2R2D;PPP2R2D;PPP2R2D	0.000268316	0.796655	0.96939	-1.03158	0.748903	0.962075	-1.03942	0.0643526	1.28429	1.28429	0.362562	0.89345	-1.11926	0.347394	1.12354	1.12354	0.000102814	0.437123	-2.28769	0.000411541	1.96442	1.96442	0.292087	1.14065	1.14065	0.000127542	0.448257	-2.23086	16.9597	3.89322	0.20405	1
cg23941394	PPP2R2D;PPP2R2D;PPP2R2D	0.000348027	0.00252136	1.96623	1.96623	0.0172553	1.59623	1.59623	0.00828263	1.72326	1.72326	0.000504606	2.40242	2.40242	0.00576191	0.558059	-1.79192	0.00148269	2.09399	2.09399	0.0190519	1.58015	1.58015	7.71E-05	3.17179	3.17179	0.972765	1.00552	1.00552	15.7937	6.50047	0.365854	1
cg24032568	PPP2R2D;PPP2R2D;PPP2R2D	0.00069263	0.360584	0.815638	-1.22603	0.00143022	0.367913	-2.71803	0.00801339	0.478698	-2.089	0.759985	0.935722	-1.06869	2.18E-05	0.157203	-6.36119	0.0400416	0.597795	-1.67281	0.0348095	1.7047	1.7047	0.100295	0.676803	-1.47753	0.153977	0.718266	-1.39224	13.0496	9.71576	0.661802	1
cg12789488	PPP2R2D;PPP2R2D;PPP2R2D	0.00235037	0.879256	0.954728	-1.04742	0.209518	0.668248	-1.49645	0.12644	0.604186	-1.65512	0.0611756	0.525724	-1.90214	3.98E-05	0.0912744	-10.956	0.898991	0.962036	-1.03946	0.247125	1.44602	1.44602	0.0790722	1.81164	1.81164	0.541127	0.828165	-1.20749	9.19736	13.5298	1.3076	1
cg23629913	PPP2R2D;PPP2R2D;PPP2R2D	0.0029298	0.400893	0.884921	-1.13004	0.00481085	0.587478	-1.70219	0.789378	0.962648	-1.0388	0.703941	0.947162	-1.05579	0.660248	1.06492	1.06492	0.00124807	0.511484	-1.9551	0.0840633	1.31231	1.31231	0.000919602	2.02199	2.02199	0.410999	0.887333	-1.12697	8.61849	2.75958	0.284616	1
cg22851378	PPP2R2D;PPP2R2D;PPP2R2D	0.00301013	0.98188	0.994792	-1.00523	0.000606382	0.296667	-3.37078	0.00492446	0.424691	-2.35465	0.276485	0.770869	-1.29724	0.00510895	0.427149	-2.3411	0.0302416	0.556692	-1.79632	0.00747149	2.20742	2.20742	0.741856	0.926821	-1.07896	0.230108	0.748658	-1.33572	8.54958	7.15696	0.7441	1
cg03403215	PPP2R2D;PPP2R2D;PPP2R2D	0.0105818	0.00413279	0.632355	-1.58139	0.00376089	1.59378	1.59378	0.111818	1.22921	1.22921	0.566678	0.933306	-1.07146	0.107251	0.810969	-1.23309	0.1213	1.22165	1.22165	0.0917427	1.24766	1.24766	0.50934	1.08304	1.08304	0.273895	0.873112	-1.14533	5.80444	1.30571	0.199956	1
cg17565051	PPP2R2D;PPP2R2D;PPP2R2D	0.0113142	0.854274	0.97439	-1.02628	0.0589149	1.35121	1.35121	0.0257728	0.688238	-1.45298	0.217742	1.20077	1.20077	0.00634657	0.605698	-1.65099	0.353972	0.874095	-1.14404	0.00493401	1.6912	1.6912	0.258681	0.846798	-1.18092	0.236681	0.839499	-1.19119	5.68069	1.79138	0.280308	1
cg04021127	PPP2R2D;PPP2R2D;PPP2R2D	0.0121479	0.991621	0.998211	-1.00179	0.0678447	0.705591	-1.41725	0.0220056	0.62603	-1.59737	0.767566	1.05183	1.05183	0.0310115	0.6494	-1.53988	0.0395174	0.666325	-1.50077	0.00239354	2.05744	2.05744	0.929855	1.01512	1.01512	0.110342	0.743288	-1.34537	5.55138	2.55571	0.409221	1
cg05233079	PPP2R2D;PPP2R2D;PPP2R2D	0.0123867	0.376495	1.22756	1.22756	0.0682352	0.630482	-1.58609	0.113384	0.677592	-1.47582	0.622691	1.11856	1.11856	0.000218504	0.248479	-4.02449	0.657547	0.904121	-1.10605	0.337651	0.799866	-1.25021	0.944105	0.984284	-1.01597	0.207043	0.740365	-1.35068	5.51636	4.45905	0.718517	1
cg26502067	PPP2R2D;PPP2R2D;PPP2R2D	0.0149979	0.081598	1.52035	1.52035	0.0100301	0.493878	-2.02479	0.678283	0.913438	-1.09477	0.405315	0.831268	-1.20298	0.00151601	0.371028	-2.69522	0.0336637	0.583626	-1.71343	0.168914	0.727495	-1.37458	0.12291	0.695735	-1.43733	0.0564903	0.62583	-1.59788	5.18094	3.86576	0.663244	1
cg00604188	PPP2R2D;PPP2R2D;PPP2R2D	0.0171858	0.996582	1.00073	1.00073	0.00656736	0.547	-1.82815	0.00385469	0.51404	-1.94538	0.0177563	1.63665	1.63665	0.260467	0.818253	-1.22212	0.365649	0.853128	-1.17216	0.732523	0.943057	-1.06038	0.283058	0.826451	-1.20999	0.342631	1.18186	1.18186	4.95144	2.29032	0.411162	1
cg06451536	PPP2R2D;PPP2R2D;PPP2R2D	0.0212072	0.122375	0.826179	-1.21039	0.00872602	1.46389	1.46389	0.0354635	1.32214	1.32214	0.0486172	0.773449	-1.29291	0.261711	0.875042	-1.1428	0.0438153	0.767774	-1.30247	0.63866	0.947487	-1.05542	0.741014	1.03855	1.03855	0.0810633	0.802037	-1.24682	4.61154	0.950019	0.183119	1
cg15444217	PPP2R2D;PPP2R2D;PPP2R2D	0.0219209	0.127116	0.60866	-1.64295	0.662656	0.876258	-1.14122	0.102207	1.71296	1.71296	0.0283294	0.458879	-2.17923	0.00749464	0.354937	-2.8174	0.0152848	0.408113	-2.4503	0.0500904	0.510559	-1.95864	0.178529	1.53744	1.53744	0.840772	0.941262	-1.0624	4.55957	6.53934	1.27484	1
cg18412499	PPP2R2D;PPP2R2D;PPP2R2D	0.0222217	0.703724	0.927891	-1.07771	0.00449776	0.47625	-2.09974	0.379406	0.838092	-1.19319	0.275572	1.24879	1.24879	0.0939989	0.697206	-1.4343	0.491484	1.14668	1.14668	0.00263434	0.44248	-2.25999	0.89499	1.0262	1.0262	0.0943982	0.697571	-1.43355	4.5383	2.7577	0.540135	1
cg17892150	PPP2R2D;PPP2R2D;PPP2R2D	0.0270009	0.997375	1.00195	1.00195	0.304722	0.532332	-1.87853	0.0385176	0.241243	-4.1452	0.748259	0.826125	-1.21047	0.153246	0.403657	-2.47735	0.28804	0.519805	-1.9238	0.000788952	0.0493264	-20.2731	0.262827	0.500321	-1.99872	0.0197018	0.188072	-5.31712	4.24161	23.6382	4.95371	1
cg13985270	PPP2R2D;PPP2R2D;PPP2R2D;PPP2R2D	5.12E-05	0.261647	0.85259	-1.1729	0.11851	0.793834	-1.25971	7.22E-06	0.259372	-3.85547	0.000992689	0.513516	-1.94736	4.91E-05	0.353686	-2.82737	0.73986	0.955617	-1.04644	9.36E-06	0.271619	-3.68163	0.53715	0.918389	-1.08886	0.134315	0.802546	-1.24603	26.4519	7.77598	0.261304	1
cg21750602	PPP2R2D;PPP2R2D;PPP2R2D;PPP2R2D	0.0210241	0.569418	0.887427	-1.12685	0.00412459	0.449755	-2.22343	0.00191402	0.401393	-2.49133	0.123883	1.41358	1.41358	0.829408	1.04584	1.04584	0.340349	0.815378	-1.22642	0.284748	0.793897	-1.25961	0.177046	0.742278	-1.3472	0.784405	0.94463	-1.05862	4.62522	3.16046	0.607387	1
cg11162839	PPP2R3A	0.000518538	0.849512	1.01859	1.01859	0.293972	1.11131	1.11131	0.00500542	0.697626	-1.43343	0.332332	0.90759	-1.10182	0.000106937	0.515459	-1.94002	0.177929	0.870409	-1.14889	0.0138171	1.34315	1.34315	0.00074892	1.64195	1.64195	0.0116606	0.736665	-1.35747	14.1469	2.1061	0.132332	1
cg03478610	PPP2R3A	0.00726391	0.00084148	0.0889007	-11.2485	0.00706485	0.186778	-5.35396	0.0135169	0.229173	-4.36351	0.0365865	0.310154	-3.22421	0.0172134	0.24689	-4.05039	0.1162	0.439212	-2.2768	0.718305	1.19075	1.19075	0.613252	1.27843	1.27843	0.0129932	0.226383	-4.4173	6.53913	24.0548	3.26987	1
cg07038400	PPP2R3A	0.0136947	0.00435469	1.83035	1.83035	0.113598	1.31416	1.31416	0.011724	1.64818	1.64818	0.00112332	2.14058	2.14058	0.29284	1.18907	1.18907	0.618672	1.08288	1.08288	0.692093	1.0652	1.0652	0.807385	0.96198	-1.03952	0.0370355	1.46854	1.46854	5.3384	2.12909	0.354512	1
cg25221857	PPP2R3A	0.0145657	0.336961	0.765946	-1.30558	0.1286	0.642498	-1.55642	0.0069508	0.390382	-2.56159	0.228984	1.405	1.405	0.0041477	0.355187	-2.81542	0.0215561	0.475488	-2.1031	0.0544799	0.55563	-1.79976	0.0955493	1.63752	1.63752	0.366141	0.778737	-1.28413	5.23121	6.01058	1.02132	1
cg19420482	PPP2R3A	0.0198763	0.0950535	0.731631	-1.36681	0.00350495	0.509339	-1.96333	0.0541758	0.689174	-1.45101	0.00929993	0.57001	-1.75435	0.0195295	0.618288	-1.61737	0.761782	0.949525	-1.05316	0.739841	1.05841	1.05841	0.393185	1.16067	1.16067	0.410219	1.15426	1.15426	4.71449	2.1668	0.408538	1
cg19761480	PPP2R3A	0.0259502	0.201229	0.743048	-1.34581	0.284821	1.27693	1.27693	0.282724	1.2784	1.2784	0.174108	1.37457	1.37457	0.072604	0.64355	-1.55388	0.129383	1.43412	1.43412	0.00816387	2.10628	2.10628	0.0821485	1.52772	1.52772	0.00988144	2.04892	2.04892	4.30095	3.29802	0.68161	1
cg23021638	PPP2R3A;PPP2R3A	0.00444998	0.169877	1.55809	1.55809	0.512884	0.817675	-1.22298	0.518681	0.819998	-1.21952	0.0103497	2.6635	2.6635	0.00159369	3.95182	3.95182	0.0181329	2.38774	2.38774	0.0257759	2.23246	2.23246	0.00086301	4.55925	4.55925	0.0139752	2.51115	2.51115	7.60345	11.0791	1.29521	1
cg12268123	PPP2R3A;PPP2R3A	0.0138269	0.186471	0.722927	-1.38327	0.00546511	0.428907	-2.33151	0.000987919	0.321695	-3.10853	0.617244	0.88983	-1.12381	0.0114369	0.480384	-2.08167	0.0218553	0.528669	-1.89154	0.424706	0.827901	-1.20787	0.942866	0.983533	-1.01674	0.598145	0.884071	-1.13113	5.32159	4.52322	0.755533	1
cg11739225	PPP2R3C;KIAA0391	0.00329579	0.670642	0.835221	-1.19729	0.0500402	2.56143	2.56143	0.0213364	3.20425	3.20425	0.120666	0.492393	-2.0309	0.000291725	0.0832641	-12.01	0.21879	0.580183	-1.72359	0.478487	0.738382	-1.35431	0.00604738	0.221074	-4.52338	0.0730903	0.431114	-2.31957	8.32195	23.3514	2.49422	1
cg11873613	PPP2R3C;KIAA0391	0.0150905	0.292683	0.828257	-1.20736	0.0530759	0.684274	-1.4614	0.0162394	1.66096	1.66096	0.00592725	0.53727	-1.86126	0.230816	0.804952	-1.24231	0.234381	0.806409	-1.24007	0.0261011	1.57722	1.57722	0.251236	1.22988	1.22988	0.359285	0.849847	-1.17668	5.17041	2.43979	0.419445	1
cg23894571	PPP2R3C;KIAA0391	0.0413705	0.664004	1.07018	1.07018	0.0296332	1.48786	1.48786	0.0105959	1.64678	1.64678	0.525355	1.10503	1.10503	0.137144	1.28206	1.28206	0.857973	1.02819	1.02819	0.20992	0.814608	-1.22758	0.52374	1.10547	1.10547	0.0258847	0.66334	-1.50752	3.63762	1.38737	0.339018	1
cg04966789	PPP2R3C;KIAA0391;KIAA0391	0.0207272	0.372163	1.09358	1.09358	0.0465513	1.24926	1.24926	0.0360024	1.26889	1.26889	0.941157	1.00723	1.00723	0.594857	0.948943	-1.0538	0.157068	1.15922	1.15922	0.0122471	0.737364	-1.35618	0.0107194	1.36766	1.36766	0.0438906	1.25373	1.25373	4.64772	0.701692	0.1342	1
cg04160503	PPP2R3C;KIAA0391;PPP2R3C	2.02E-05	?	?	?	0.0131669	1.56057	1.56057	0.666114	1.06487	1.06487	0.394252	0.881312	-1.13467	0.0211094	1.49412	1.49412	6.31E-07	0.13877	-7.20617	?	?	?	0.0029636	0.55403	-1.80496	0.0761409	0.75147	-1.33073	35.8079	9.2468	0.295124	1
cg12773368	PPP2R3C;KIAA0391;PPP2R3C	0.0388337	0.130365	0.822122	-1.21636	0.565592	0.932737	-1.07211	0.717365	0.957354	-1.04455	0.79469	0.969218	-1.03176	0.959038	1.00618	1.00618	0.431593	1.10102	1.10102	0.00121164	0.566646	-1.76477	0.580678	0.935297	-1.06918	0.024031	0.724187	-1.38086	3.72342	0.847614	0.20235	1
cg13557031	PPP2R4;PPP2R4;PPP2R4;PPP2R4	0.00402926	0.0231941	1.78849	1.78849	0.000358838	3.40917	3.40917	0.00165343	2.62375	2.62375	0.00881434	2.04292	2.04292	0.342178	0.81087	-1.23324	0.217083	1.32075	1.32075	0.722093	0.926353	-1.0795	0.0666943	1.55337	1.55337	0.861723	1.03805	1.03805	7.83526	5.69433	0.646007	1
ch.9.2172872F	PPP2R4;PPP2R4;PPP2R4;PPP2R4	0.00770286	0.0214489	0.432009	-2.31477	0.00385671	0.30647	-3.26296	0.000779805	0.213581	-4.68206	0.00801161	0.356263	-2.80692	0.0109484	0.379121	-2.63768	0.351558	0.747361	-1.33804	0.104313	0.583128	-1.71489	0.91511	1.03292	1.03292	0.473012	0.801164	-1.24818	6.42006	9.38101	1.29885	1
cg13978601	PPP2R4;PPP2R4;PPP2R4;PPP2R4	0.0148302	0.601336	1.16435	1.16435	0.000865675	4.23351	4.23351	0.00703953	2.73345	2.73345	0.301186	1.36234	1.36234	0.414344	0.785961	-1.27233	0.029832	2.09143	2.09143	0.766246	1.08986	1.08986	0.0399037	1.98488	1.98488	0.163688	1.53575	1.53575	5.20023	6.86165	1.17288	1
cg13429967	PPP2R4;PPP2R4;PPP2R4;PPP2R4	0.0315236	0.183178	0.780337	-1.2815	0.00249309	0.478075	-2.09172	0.321858	1.19689	1.19689	0.0462988	0.669715	-1.49317	0.0110594	0.571425	-1.75001	0.173342	0.77536	-1.28972	0.312057	0.832222	-1.2016	0.943173	1.0126	1.0126	0.17827	0.77788	-1.28555	4.01536	1.96135	0.43419	1
cg14415283	PPP2R4;PPP2R4;PPP2R4;PPP2R4	0.0426663	0.679274	0.906975	-1.10257	0.647727	0.897591	-1.11409	0.380609	1.23517	1.23517	0.930446	1.02071	1.02071	0.0017592	0.351093	-2.84825	0.964375	0.989565	-1.01054	0.368031	1.24253	1.24253	0.0421376	1.733	1.733	0.79461	0.940569	-1.06319	3.59625	3.14141	0.776464	1
cg16375824	PPP2R4;PPP2R4;PPP2R4;PPP2R4;CRAT; CRAT	0.0289302	0.815314	0.953687	-1.04856	0.73525	1.07121	1.07121	0.236173	1.28605	1.28605	0.0238225	0.578895	-1.72743	0.0266783	0.587287	-1.70275	0.497465	1.14982	1.14982	0.0397107	1.61928	1.61928	0.607057	1.11086	1.11086	0.0125865	1.87547	1.87547	4.13976	2.69306	0.578254	1
cg23909343	PPP2R5A	0.000131701	0.00042288	0.322138	-3.10426	0.419721	1.182	1.182	0.000632869	0.344762	-2.90055	0.0889136	1.46308	1.46308	0.000261427	0.296003	-3.37834	0.00714288	0.494308	-2.02303	3.62E-05	0.199142	-5.02155	0.0106408	1.91818	1.91818	0.0358948	0.60953	-1.64061	20.5647	13.3972	0.579084	1
cg07107916	PPP2R5A	0.0153885	0.00792139	0.138053	-7.24362	0.28728	0.525996	-1.90116	0.0033265	0.0978687	-10.2178	0.207963	0.462094	-2.16406	0.00487241	0.114154	-8.7601	0.726836	0.815518	-1.22621	0.0617064	0.294161	-3.3995	0.744371	1.20955	1.20955	0.0128346	0.16581	-6.03101	5.13703	27.5081	4.75987	1
cg08243778	PPP2R5A	0.016679	0.548314	1.12549	1.12549	0.00975337	0.529355	-1.88909	0.977959	1.00539	1.00539	0.85682	1.03577	1.03577	0.120759	0.720741	-1.38746	0.396719	0.844597	-1.184	0.0854696	1.44771	1.44771	0.00107198	0.390464	-2.56106	0.918087	0.980179	-1.02022	5.00125	3.00003	0.533206	1
cg26187514	PPP2R5A	0.0457668	0.890599	1.02394	1.02394	0.448983	1.14184	1.14184	0.933202	1.01452	1.01452	0.933113	0.985673	-1.01454	0.0358464	0.657193	-1.52162	0.807726	0.958951	-1.04281	0.852592	0.968529	-1.03249	0.00122899	0.443693	-2.25381	0.895254	1.0229	1.0229	3.50327	1.63975	0.416056	1
cg05660803	PPP2R5A;PPP2R5A	0.0171896	?	?	?	0.0519501	3.04095	3.04095	0.256213	0.561598	-1.78063	0.0518678	0.328669	-3.04258	0.0120716	0.195473	-5.1158	0.171134	0.489374	-2.04343	?	?	?	0.00345268	0.117117	-8.53844	0.335798	0.61815	-1.61773	6.65151	17.9279	2.31026	1
cg23877868	PPP2R5A;SNORA16B	0.000962517	0.246076	0.83878	-1.19221	0.24256	0.837576	-1.19392	0.0518456	0.725673	-1.37803	0.890672	1.02013	1.02013	2.00E-05	0.286239	-3.49359	0.412794	1.12902	1.12902	0.0275286	1.459	1.459	0.0450904	0.716614	-1.39545	0.0231756	0.674762	-1.482	11.8946	3.95669	0.295685	1
cg16061177	PPP2R5A;SNORA16B	0.0196496	0.153097	1.26695	1.26695	0.0592702	0.719415	-1.39002	0.0146033	0.628076	-1.59216	0.430437	1.13254	1.13254	0.109217	1.31011	1.31011	0.0571054	1.395	1.395	0.00634981	1.7323	1.7323	0.594615	1.08661	1.08661	0.710304	0.943931	-1.0594	4.73288	1.79278	0.336705	1
cg05811846	PPP2R5B	0.000701467	0.0139546	0.611061	-1.6365	0.000586573	2.36737	2.36737	0.0150526	1.62367	1.62367	0.000439814	0.406318	-2.46113	0.412063	1.14574	1.14574	0.0887894	1.35595	1.35595	0.0251045	1.54061	1.54061	0.0974479	0.744525	-1.34314	0.0248303	0.648369	-1.54233	13.0033	5.419	0.370436	1
cg10437839	PPP2R5B	0.0144595	0.0429629	0.524371	-1.90705	0.0929812	0.599158	-1.66901	0.00395437	0.341544	-2.92788	0.367947	0.773903	-1.29215	0.000785862	0.244907	-4.08318	0.0252176	0.478249	-2.09096	0.727827	0.907709	-1.10168	0.568624	0.852408	-1.17315	0.165685	0.663819	-1.50643	5.24384	6.3794	1.08138	1
cg23473849	PPP2R5B	0.0270084	0.425359	0.912264	-1.09617	0.0309589	1.33075	1.33075	0.0189111	1.37805	1.37805	0.498046	0.925341	-1.08068	0.00373749	1.55529	1.55529	0.141666	1.19513	1.19513	0.665803	0.952165	-1.05024	0.347224	1.11536	1.11536	0.0329146	1.32503	1.32503	4.2412	0.854697	0.179131	1
cg22413726	PPP2R5B	0.0283317	0.456763	1.109	1.109	0.00156862	0.5379	-1.85908	0.273416	1.16835	1.16835	0.430449	1.11612	1.11612	0.74938	0.95719	-1.04472	0.820701	0.969486	-1.03147	0.155554	0.812658	-1.23053	0.403222	1.12386	1.12386	0.0431294	1.37389	1.37389	4.17043	1.23088	0.262351	1
cg24646503	PPP2R5B;PPP2R5B	0.00359608	0.00141688	1.96839	1.96839	0.120037	0.780924	-1.28053	0.282946	1.17772	1.17772	0.798829	0.963247	-1.03816	0.0416995	0.708763	-1.41091	0.413129	1.13052	1.13052	0.00091655	0.483638	-2.06766	0.127529	1.27329	1.27329	0.103517	0.770236	-1.2983	8.10778	2.76048	0.302642	1
cg26132452	PPP2R5B;PPP2R5B	0.0177159	0.293755	1.20377	1.20377	0.933737	0.985939	-1.01426	0.358899	1.17427	1.17427	0.195672	1.26243	1.26243	0.162999	1.28863	1.28863	0.71261	0.938941	-1.06503	0.000921307	0.430421	-2.32331	0.0644719	0.70208	-1.42434	0.161814	1.28968	1.28968	4.90126	2.251	0.40824	1
cg03082517	PPP2R5C;PPP2R5C	0.000454438	0.000899117	0.629914	-1.58752	0.134932	0.86081	-1.1617	0.0455601	0.807967	-1.23767	0.144015	1.15717	1.15717	0.0181663	0.765865	-1.30571	8.57E-05	0.518886	-1.92721	0.0332006	0.793317	-1.26053	0.835245	0.980818	-1.01956	6.56E-05	0.50596	-1.97644	14.6739	2.01009	0.121764	1
cg18952599	PPP2R5C;PPP2R5C	0.000471896	0.205986	1.20454	1.20454	0.755201	1.04459	1.04459	0.00117957	1.9421	1.9421	0.0920145	0.772034	-1.29528	0.886505	0.980276	-1.02012	0.0201224	1.47856	1.47856	2.20E-05	0.304568	-3.28334	0.19349	1.21159	1.21159	0.710906	1.0533	1.0533	14.5215	4.47518	0.273934	1
cg08163906	PPP2R5C;PPP2R5C	0.00185725	0.126622	1.25545	1.25545	0.881793	0.979723	-1.0207	0.0127177	1.53154	1.53154	0.00376881	1.71301	1.71301	0.0728576	1.31716	1.31716	0.00266967	1.77142	1.77142	0.000449286	2.14238	2.14238	0.000271586	2.27445	2.27445	0.0875704	1.29646	1.29646	9.85185	2.95752	0.266844	1
cg15428435	PPP2R5C;PPP2R5C	0.00550065	0.0537499	0.423846	-2.35935	0.330081	0.674415	-1.48277	0.000998111	0.147249	-6.7912	0.290792	0.65073	-1.53674	0.0348718	0.381461	-2.6215	0.0110195	3.48977	3.48977	0.00447594	0.226365	-4.41764	0.0607295	0.436637	-2.29023	0.847504	0.927321	-1.07838	7.12729	17.3394	2.1625	1
cg27055481	PPP2R5C;PPP2R5C	0.00611344	0.997762	0.999516	-1.00048	0.367838	0.85247	-1.17306	0.0738092	0.709019	-1.4104	0.816258	0.960632	-1.04098	0.606319	0.914206	-1.09385	0.00397811	1.95059	1.95059	0.000554409	0.396639	-2.52119	0.270407	0.820356	-1.21898	0.092732	1.37604	1.37604	6.89913	3.25347	0.41918	1
cg20070026	PPP2R5C;PPP2R5C	0.00855634	?	?	?	0.708165	1.27407	1.27407	0.599816	0.711045	-1.40638	0.00463829	0.0884004	-11.3122	0.186318	0.405558	-2.46574	0.0111846	7.75187	7.75187	0.00348665	0.0778176	-12.8506	0.195096	2.41757	2.41757	0.781076	0.835719	-1.19657	6.33749	37.0196	5.84137	1
cg05920961	PPP2R5C;PPP2R5C	0.00963062	0.0614788	0.628597	-1.59084	0.000333849	3.58051	3.58051	0.801772	0.946071	-1.057	0.703784	1.08783	1.08783	0.33133	1.24718	1.24718	0.0149398	1.93391	1.93391	0.48656	1.16859	1.16859	0.663518	1.10128	1.10128	0.487249	0.855948	-1.16829	5.9821	4.60135	0.683722	1
cg15321108	PPP2R5C;PPP2R5C	0.0151759	0.559429	0.912004	-1.09649	0.00622069	1.74471	1.74471	0.0242169	1.52089	1.52089	0.929742	1.01386	1.01386	0.896133	1.02059	1.02059	0.905482	1.01871	1.01871	0.00756538	1.70947	1.70947	0.00323182	1.87184	1.87184	0.0609963	1.3903	1.3903	5.16075	1.99049	0.342842	1
cg01991514	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.00184156	0.0066084	0.543641	-1.83945	0.00224791	2.09442	2.09442	0.655617	1.08068	1.08068	0.69206	1.07123	1.07123	0.000461458	0.385708	-2.59263	0.526427	1.11733	1.11733	0.297502	0.82971	-1.20524	0.00709751	1.82434	1.82434	0.772975	0.951232	-1.05127	9.87615	4.67309	0.420595	1
cg27022326	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.00495116	0.126957	0.509645	-1.96215	0.519979	0.766201	-1.30514	0.0556595	0.412522	-2.42411	0.00452412	0.213356	-4.68699	0.00407451	0.207155	-4.82731	0.0851148	0.459624	-2.17569	0.000256258	0.085583	-11.6846	0.744495	0.874997	-1.14286	0.0127805	0.282807	-3.53598	7.36061	19.4376	2.34734	1
cg05036013	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.0149591	0.958997	0.983587	-1.01669	0.262461	0.686544	-1.45657	0.00292488	0.268248	-3.7279	0.054908	0.496233	-2.01518	0.0492725	0.485607	-2.05928	0.0124459	0.367477	-2.72126	0.0889564	1.82915	1.82915	0.0174794	0.394116	-2.53732	0.709582	1.12796	1.12796	5.18538	8.50877	1.45859	1
cg18492997	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.0241518	0.917947	0.96577	-1.03544	0.0011149	0.197311	-5.06815	0.0158832	0.368502	-2.71369	0.474478	0.782048	-1.27869	0.0199088	0.386806	-2.58528	0.167	0.607783	-1.64532	0.537302	1.23507	1.23507	0.67645	0.867753	-1.1524	0.58234	0.828835	-1.20651	4.40976	7.97838	1.60823	1
cg05071770	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.0333911	0.0019018	0.355177	-2.8155	0.479003	1.18452	1.18452	0.25252	1.32476	1.32476	0.165442	1.41636	1.41636	0.300904	1.28687	1.28687	0.821439	1.05463	1.05463	0.23891	1.33672	1.33672	0.895256	0.969482	-1.03148	0.0818454	0.635272	-1.57413	3.93336	3.44892	0.779411	1
cg13696228	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	3.10E-05	0.286509	0.920457	-1.08642	0.000294935	1.55508	1.55508	9.08E-05	1.68862	1.68862	0.0348828	0.831827	-1.20217	0.00769074	0.773767	-1.29238	0.000187729	0.623799	-1.60308	1.11E-05	0.496446	-2.01432	0.155292	1.12062	1.12062	0.431105	1.06202	1.06202	30.1945	2.68184	0.07895	1
cg12069736	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.000289769	0.0911726	1.30281	1.30281	7.78E-06	0.248028	-4.03181	0.0101619	0.630725	-1.58548	0.0437443	0.719234	-1.39037	0.406866	1.12821	1.12821	0.388271	0.881864	-1.13396	0.992435	0.998653	-1.00135	0.000680245	0.477984	-2.09212	0.491357	1.10448	1.10448	16.607	5.31656	0.284568	1
cg18997701	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.000445029	0.000442836	0.228994	-4.36692	0.32368	1.31115	1.31115	0.00175094	0.305608	-3.27217	0.778008	0.927636	-1.07801	3.44E-05	0.118877	-8.41206	0.521352	0.841349	-1.18857	0.157196	0.668945	-1.49489	0.776157	1.07871	1.07871	0.000735761	0.255863	-3.90835	14.759	16.511	0.994403	1
cg12129209	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.0063059	0.00478826	0.384521	-2.60064	0.0263265	1.9591	1.9591	0.735202	1.09052	1.09052	0.00377683	0.368767	-2.71174	0.103333	1.57584	1.57584	0.0105236	2.27428	2.27428	0.214	1.39651	1.39651	0.395498	1.24873	1.24873	0.795406	1.06858	1.06858	6.83329	7.05179	0.917312	1
cg09334074	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.00733472	0.0306254	1.66423	1.66423	0.000940615	0.371764	-2.68988	0.0755048	0.672467	-1.48706	0.41185	0.845122	-1.18326	0.0162049	0.554452	-1.80358	0.0900439	0.687503	-1.45454	0.0547205	1.54804	1.54804	0.176071	0.749405	-1.33439	0.984734	1.00384	1.00384	6.51932	4.15253	0.566184	1
cg13504976	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.0171958	0.0199085	0.304803	-3.2808	0.168175	0.537463	-1.86059	0.52035	0.759213	-1.31715	0.780822	1.12516	1.12516	0.302673	0.63674	-1.5705	0.0561042	0.400647	-2.49596	0.000444484	0.0959924	-10.4175	0.978743	1.01133	1.01133	0.0883968	0.451676	-2.21398	4.95048	14.0135	2.51622	1
cg25568561	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.0244406	0.727625	1.07906	1.07906	0.92988	1.01934	1.01934	0.0288255	1.75234	1.75234	0.444958	1.18466	1.18466	0.00190239	0.383927	-2.60466	0.0979747	1.48442	1.48442	0.988565	1.00312	1.00312	0.0802519	1.52544	1.52544	0.773916	0.939248	-1.06468	4.39162	3.29375	0.666674	1
cg02263165	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.0382078	0.957748	1.01429	1.01429	0.029092	1.99119	1.99119	0.0123323	2.30349	2.30349	0.78413	1.0763	1.0763	0.159395	1.49581	1.49581	0.0941418	1.63693	1.63693	0.0128796	2.28628	2.28628	0.0274878	2.01019	2.01019	0.0203468	2.11457	2.11457	3.74565	4.2539	1.0095	1
cg16201061	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;P PP2R5C	0.0395804	0.411192	0.828043	-1.20767	0.00149754	2.79481	2.79481	0.0387007	1.71189	1.71189	0.217967	1.33776	1.33776	0.50884	1.1624	1.1624	0.681578	1.09706	1.09706	0.0975625	1.50411	1.50411	0.0755933	1.55913	1.55913	0.286502	1.28214	1.28214	3.69746	2.95258	0.709817	1
cg00269996	PPP2R5D;PPP2R5D;PPP2R5D	8.08E-06	1.24E-06	0.235107	-4.25338	0.000183923	0.480613	-2.08068	0.000122002	0.459544	-2.17607	1.78E-05	0.361774	-2.76416	1.82E-05	0.362785	-2.75645	7.17E-05	0.432298	-2.31322	9.30E-06	0.329624	-3.03376	0.00459866	0.645819	-1.54842	7.02E-05	0.431232	-2.31894	42.8675	9.12288	0.18917	1
cg14385961	PPP2R5D;PPP2R5D;PPP2R5D	0.000109434	1.61E-06	0.0126516	-79.0411	0.274193	1.50941	1.50941	0.522885	1.26404	1.26404	0.0946755	1.94386	1.94386	0.492928	0.777261	-1.28657	0.464443	1.30921	1.30921	0.0106522	3.19607	3.19607	0.269438	1.51613	1.51613	0.269438	1.51613	1.51613	21.6127	44.821	1.84341	1
cg24804436	PPP2R5D;PPP2R5D;PPP2R5D	0.0107186	0.197008	0.709026	-1.41038	0.181955	1.4293	1.4293	0.286956	1.32149	1.32149	0.0272292	1.93259	1.93259	0.00476682	0.388782	-2.57213	0.0368416	0.542634	-1.84286	0.0202782	0.493827	-2.025	0.0697615	1.66743	1.66743	0.288615	0.757502	-1.32013	5.78054	5.81905	0.894811	1
cg05805736	PPP2R5D;PPP2R5D;PPP2R5D	0.0166406	0.370345	0.870928	-1.1482	0.150255	1.2607	1.2607	0.725228	1.05444	1.05444	0.00995991	0.613268	-1.63061	0.862557	1.02637	1.02637	0.0818884	1.33592	1.33592	0.407206	1.13583	1.13583	0.0135223	0.631791	-1.5828	0.00685603	0.59096	-1.69216	5.00509	1.78894	0.31771	1
cg16657928	PPP2R5D;PPP2R5D;PPP2R5D	0.0203665	0.0681635	1.30041	1.30041	0.0727271	1.29368	1.29368	0.726444	1.04621	1.04621	0.513032	0.918218	-1.08907	0.0366066	0.73171	-1.36666	0.192146	1.1943	1.1943	0.00509575	0.621211	-1.60976	0.147028	1.22159	1.22159	0.10183	1.25902	1.25902	4.6756	1.2249	0.232869	1
cg12385017	PPP2R5D;PPP2R5D;PPP2R5D	0.0462966	0.0137975	0.401373	-2.49145	0.0149054	0.407377	-2.45473	0.887281	0.958356	-1.04345	0.168049	0.643643	-1.55366	0.133566	0.615509	-1.62467	0.0326155	0.472378	-2.11695	0.131541	0.613701	-1.62946	0.209908	1.48632	1.48632	0.079577	0.557901	-1.79243	3.48815	4.96912	1.26628	1
cg11833768	PPP2R5E	0.00481716	0.589012	1.13616	1.13616	0.0301805	0.550704	-1.81586	0.0270247	0.541878	-1.84544	0.117308	0.671576	-1.48903	0.00302251	0.386253	-2.58898	0.0344464	0.56143	-1.78117	0.000962609	0.316479	-3.15976	0.792183	0.940072	-1.06375	0.00134434	0.336126	-2.97508	7.42244	6.43861	0.771068	1
cg26317051	PPP2R5E	0.00637854	0.0667545	0.538713	-1.85628	0.00144886	0.250339	-3.99459	0.00506391	0.327823	-3.05043	0.740191	0.904704	-1.10533	0.539314	1.20567	1.20567	0.00116973	0.238363	-4.19528	0.307859	1.3739	1.3739	0.523082	0.82302	-1.21504	0.691852	0.887021	-1.12737	6.80909	9.76682	1.27501	1
cg10376725	PPP2R5E	0.00789542	0.84955	0.986982	-1.01319	0.958212	0.996391	-1.00362	0.207351	1.09609	1.09609	0.000983226	0.713144	-1.40224	0.00694461	1.27254	1.27254	0.21867	0.914596	-1.09338	0.0604759	0.864096	-1.15728	0.351909	1.06834	1.06834	0.092115	1.13648	1.13648	6.37046	0.48039	0.0670302	1
cg02929982	PPP2R5E	0.00949682	0.0376614	0.484709	-2.06309	0.000902854	0.224993	-4.44459	0.00268169	0.287516	-3.47807	0.481102	0.80646	-1.23999	0.00845568	0.364257	-2.74532	0.408842	0.7759	-1.28883	0.979751	0.992406	-1.00765	0.85928	0.948093	-1.05475	0.0415281	0.493634	-2.02579	6.00883	8.58578	1.2701	1
cg09374916	PPP2R5E	0.0176072	0.0163478	0.336415	-2.97252	0.0446246	2.3531	2.3531	0.218584	0.618617	-1.61651	0.542293	1.25725	1.25725	0.0186217	0.346907	-2.88261	0.0857491	0.494201	-2.02347	0.0119846	0.312436	-3.20065	0.844254	0.929601	-1.07573	0.0188464	0.347887	-2.8745	4.9114	10.7147	1.93919	1
cg03875433	PPP2R5E	0.0286208	0.62286	0.896977	-1.11486	0.000646758	3.15115	3.15115	0.667402	1.09946	1.09946	0.552673	0.876563	-1.14082	0.800831	1.05701	1.05701	0.78123	0.940764	-1.06297	0.0842923	0.657782	-1.52026	0.951046	1.01356	1.01356	0.657449	1.10284	1.10284	4.15552	3.16618	0.677263	1
cg11801490	PPP2R5E	0.0293134	0.0192661	0.577046	-1.73296	0.0441938	1.56671	1.56671	0.196909	1.30339	1.30339	0.452626	1.16021	1.16021	0.0117999	0.542951	-1.84179	0.40817	1.17858	1.17858	0.755145	0.94105	-1.06264	0.941224	0.98578	-1.01442	0.0420046	0.634381	-1.57634	4.12052	2.46167	0.531037	1
cg16107553	PPP2R5E	0.0374441	0.0818598	0.386334	-2.58843	0.456127	1.44695	1.44695	0.327246	0.610602	-1.63773	0.385284	1.54297	1.54297	?	?	?	0.0037291	7.36802	7.36802	0.0394267	3.26567	3.26567	0.664911	1.23582	1.23582	0.271	1.75021	1.75021	4.18849	13.601	2.84134	1
cg22884674	PPP2R5E	0.0466924	0.871521	0.927435	-1.07824	0.00662043	5.15822	5.15822	0.0325585	3.20401	3.20401	0.106088	2.27389	2.27389	0.44513	1.43661	1.43661	0.569536	0.765266	-1.30674	0.12899	2.14591	2.14591	0.0105454	4.47079	4.47079	0.706029	1.19288	1.19288	3.477	11.9295	3.04976	1
cg06295535	PPP3CA;PPP3CA;PPP3CA	0.00118533	0.193626	0.598347	-1.67127	0.779631	0.900563	-1.11042	0.864858	1.06567	1.06567	0.696401	1.15767	1.15767	6.47E-05	0.0645388	-15.4945	0.0138347	0.321148	-3.11383	0.000300655	0.111341	-8.98145	0.400409	1.37905	1.37905	0.0928377	0.501349	-1.99462	11.2111	24.7547	1.96272	1
cg01458961	PPP3CA;PPP3CA;PPP3CA	0.00192368	0.00328785	0.752291	-1.32927	0.0467218	1.17566	1.17566	0.000377637	1.49745	1.49745	0.479485	1.05241	1.05241	0.213235	1.09763	1.09763	0.019523	0.818247	-1.22212	0.876423	0.989002	-1.01112	0.427989	1.05919	1.05919	0.00604736	1.29022	1.29022	9.75172	0.779997	0.0710982	1
cg24254692	PPP3CA;PPP3CA;PPP3CA	0.00214798	0.00921992	1.61386	1.61386	0.00456333	0.578707	-1.72799	0.0020857	0.534063	-1.87244	0.528934	0.911768	-1.09677	0.013107	1.56132	1.56132	0.208801	0.825423	-1.2115	0.0121639	1.57225	1.57225	0.11222	0.778473	-1.28457	0.057578	0.732745	-1.36473	9.44314	3.13602	0.295196	1
cg19948457	PPP3CA;PPP3CA;PPP3CA	0.00231735	0.538259	1.12821	1.12821	0.000709907	0.368461	-2.71399	0.00894641	0.525357	-1.90347	0.573818	0.895824	-1.11629	0.417786	0.851898	-1.17385	0.962342	0.990902	-1.00918	0.000560798	2.81674	2.81674	0.0875911	0.69417	-1.44057	0.186931	0.762771	-1.31101	9.23562	5.48135	0.527556	1
cg15584968	PPP3CA;PPP3CA;PPP3CA	0.0119919	0.990945	1.00203	1.00203	0.130893	0.747358	-1.33805	0.00612528	0.528023	-1.89386	0.069387	1.43715	1.43715	0.0150756	0.586679	-1.70451	0.397766	0.856776	-1.16717	0.0888599	1.39801	1.39801	0.0124726	0.574065	-1.74196	0.0306683	0.635527	-1.5735	5.57472	2.81418	0.448721	1
cg25894071	PPP3CA;PPP3CA;PPP3CA	0.0286859	0.727378	0.90441	-1.10569	0.0152134	2.3533	2.3533	0.0229443	2.18379	2.18379	0.378661	0.771599	-1.29601	0.183135	1.50003	1.50003	0.0335416	2.03982	2.03982	0.0335378	2.03986	2.03986	0.00806427	2.64904	2.64904	0.86503	1.05005	1.05005	4.15219	5.41948	1.16019	1
cg13993764	PPP3CA;PPP3CA;PPP3CA	0.0436326	0.0592096	0.460015	-2.17384	0.022847	2.69882	2.69882	0.626642	1.19567	1.19567	0.182777	0.597273	-1.67428	?	?	?	0.348512	0.703391	-1.42169	0.0892619	0.50505	-1.98	0.0277967	0.387523	-2.58049	0.165843	0.583495	-1.71381	3.62114	6.77462	1.87085	1
cg09444818	PPP3CA;PPP3CA;PPP3CA	0.0494386	0.236616	0.486096	-2.05721	0.173372	2.32263	2.32263	0.547166	1.42531	1.42531	0.371976	0.586714	-1.70441	0.00164668	0.0727121	-13.7529	0.946595	0.961782	-1.03974	0.135386	0.392097	-2.55039	0.96718	0.976349	-1.02422	0.290971	0.52863	-1.89168	3.4027	18.2365	4.76394	1
cg12463346	PPP3CA;PPP3CA;PPP3CA	0.0497244	0.000764809	0.114219	-8.75509	0.343898	0.660371	-1.5143	0.998698	0.999306	-1.00069	0.552828	1.29116	1.29116	0.915971	0.956076	-1.04594	0.804978	0.900066	-1.11103	0.746164	0.870897	-1.14824	0.930817	0.963719	-1.03765	0.650319	1.21437	1.21437	3.39526	9.74009	2.54999	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1048 047 vs. N)	Fold-Change(1048 047 vs. N)	p-value(1054 057 vs. N)	Fold-Change(1054 057 vs. N)	p-value(1111 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 117 vs. N)	Fold-Change(1127 117 vs. N)	p-value(1128 127 vs. N)	Fold-Change(1128 127 vs. N)	p-value(1216 127 vs. N)	Fold-Change(1216 217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 477 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 537 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg25433855	A;PPP3CA		0.0466412	2.55646	2.55646	0.841085	1.04638	0.734086	0.926734	-1.07906	0.0929036	1.51814	1.51814	0.120944	1.44343	1.44343	0.500843	0.857016	-1.16684	0.911264	1.00248	1.00248	0.0821817	0.647356	-1.54475	0.427621	1.20069	1.20069	1.48397	0.717926	1
cg08413366	PPP3CB;PPP3CB-AS1;PPP3CB		0.0127566	0.582398	0.897295	-1.11446	0.527238	1.13315	1.13315	0.244994	1.26783	1.26783	0.000618589	0.357647	-2.79606	0.192891	1.30852	1.30852	0.346985	0.827811	-1.20801	0.256674	1.25989	1.25989	0.204944	1.29821	1.29821	0.0392931	1.59257	1.59257	5.46375	3.29503	0.536064	1
cg08805338	PPP3CB;PPP3CB-AS1;PPP3CB		0.0144802	0.639885	1.06741	1.067411	0.00204097	0.547707	-1.82815	0.0155145	1.50846	1.50846	0.319377	0.86719	-1.15315	0.092306	1.29048	1.29048	0.181589	0.82154	-1.21725	0.0590422	0.744378	-1.3434	0.237975	0.842606	-1.1867	0.673822	1.06038	1.06038	5.2035	1.58032	0.269558	1
cg09603795	PPP3CB;PPP3CB-AS1;PPP3CB		0.0207694	0.112796	0.733908	-1.36257	0.00532405	0.517842	-1.93109	0.016111	0.589926	-1.69513	0.385709	1.17279	0.1143754	0.582272	-1.71741	0.046212	0.664077	-1.50585	0.0759998	0.701945	-1.42461	0.0124372	0.572634	-1.74632	0.591719	0.907521	-1.1019	0.6445	2.36295	0.452234	1
cg04534276	PPP3CB;PPP3CB-AS1;PPP3CB		0.0258428	0.369967	1.84161	1.84161	?	?	?	?	?	?	2.881534	0.4731099	-2.11328	0.0225371	0.0331166	1.91926	0.368033	0.540029	-1.85175	0.325643	0.508862	-1.96517	?	?	?	7.02521	24.1221	3.42994	1
cg07926858	PPP3CB;PPP3CB-AS1;PPP3CB		0.0332379	0.409124	0.866126	-1.15457	0.109704	0.743142	-1.34564	0.890318	0.976784	-1.02377	0.3241194	1.18927	1.18927	0.422074	0.8696921	-1.14983	0.755058	1.05472	1.05472	0.000918281	2.32384	2.32384	0.76494	0.950231	-1.05238	0.822155	0.962397	-1.03907	0.939871	1.808456	0.408037	1
cg17151604	PPP3CB;PPP3CB-AS1;PPP3CB;PPP3CB;PPP3C		0.0385697	0.199666	0.569115	-1.75465	0.0797393	0.446229	-2.241	0.0314746	0.351023	-2.84882	0.763852	1.17173	1.17173	0.0294081	0.345149	-2.8973	0.0775372	0.442999	-2.25734	0.0027115	0.179284	-5.57775	0.759408	0.880319	-1.13595	0.0329104	0.476953	-2.09664	3.73274	10.1801	2.42422	1
cg14116756	PPP3CB		0.0204291	0.000871195	0.301583	-3.31583	0.0361842	0.557294	-1.79439	0.762085	1.0756	1.0756	0.258844	1.32677	1.32677	0.340199	1.26607	1.26607	0.906835	1.0285	1.0285	0.752035	0.926745	-1.07905	0.0540093	0.591589	-1.69036	0.7691112	1.0732	1.0732	4.67072	4.26126	0.810964	1
cg13180375	PPP3CC		0.0074628	0.949343	1.03986	1.039861	0.0386334	2.075225	2.075225	0.0027827	1.672211	1.672211	0.4491934	0.8809653	1.12352	1.12352	0.074662	1.00477	1.00477	1.00477	1.00477	1.00477	1.00477	0.0926055	0.730155	-1.36932	0.9179344	1.01543	1.01543	4.49681	2.26997	0.310576	1
cg19694519	PPP3CC		0.0111526	0.366676	1.15986	1.159861	0.0395105	0.683155	-1.46345	0.011033	0.600602	-1.6651	0.307278	1.18413	1.18413	0.0610819	0.487643	-2.05068	0.457143	1.13044	1.13044	0.82097	1.03691	1.03691	0.247744	0.822805	-1.21536	0.0095454	0.591597	-1.69034	0.700572	2.31139	0.360002	1
cg17642145	PPP3CC		0.0346477	0.000702654	0.14004	-6.24042	0.0290755	0.755056	-1.36043	0.703351	0.8701	-1.14934	0.387842	1.3688	1.3688	0.1868	0.856186	1.0762	1.0762	1.0762	0.790348	0.980718	-1.02004	0.5618914	0.812202	-1.23122	0.242929	1.59008	1.59008	6.721461	1.13539	1.588131	7.37319	1.77516	1
cg06826461	PPP3CC		0.0399025	0.314016	1.17193	1.171931	0.610684	0.924752	-1.08137	0.6411	0.888031	-1.13596	0.0274726	0.672105	-1.48786	0.00979457	0.607996	-1.64475	0.200797	0.813935	-1.2286	0.573511	0.916988	-1.09053	0.0286281	0.48203	-1.48203	0.359778	1.15426	1.15426	3.686451	1.35544	0.326829	1
cg19021985	PPP3CC		0.0455664	0.763769	0.813352	-1.22948	0.00958477	0.105598	-9.46487	0.032793	0.180562	-5.53827	0.354173	0.520291	-1.922	0.144508	0.341526	-2.92803	0.689059	0.790048	-1.31744	0.180621	2.64962	0.652789	4.40002	4.40002	0.184103	0.380696	-2.62677	3.50904	26.1096	6.61392	1
cg04336164	PPP3R1		0.0070949	0.249992	0.807355	-1.24385	0.212739	1.27455	1.27455	0.688552	1.107055	1.07705	0.4181814	0.858234	-1.16518	0.346059	0.837091	-1.19547	0.31918	1.2061	1.2061	1.2061	1.038	1.038	0.209667	0.75947	-1.31682	1.068373	0.9333309	1.40664	1.40664	12.55669	6.79547	0.481403	1
cg19367232	PPP3R1		0.0071953	0.0810358	0.734274	-1.36189	0.259407	0.828732	-1.20666	0.0482652	1.43386	1.43386	0.723529	0.85835	-1.16485	0.0458325	1.10379	1.10379	0.215716	0.832171	-1.23127	0.000478331	0.4167651	-2.39945	0.6313821	1.07964	1.07964	0.0272807	1.517053	1.51753	6.4157	2.5905	0.35801	1
cg19035708	PPP3R1		0.0310782	0.0216092	0.186563	-5.36093	0.569134	0.779386	-1.28805	0.663579	0.994319	-2.55394	0.157518	0.50398	-1.98421	0.00969606	0.228335	-4.40949	0.191717	0.534421	-1.87134	0.00602307	0.205061	-4.8766	0.442827	1.46161	1.46161	0.0472146	0.357217	-2.79942	1.9467	12.8471	2.89347	1
cg04496615	PPP3R1;PPP3R1		0.0014828	0.775622	0.976825	-1.02372	0.349832	0.924075	-1.08216	0.555398	1.25285	1.05285	0.7035275	0.83706	-1.19505	0.0188271	0.2061	1.0961	0.00107551	0.672102	-1.48787	0.00195464	1.07201	1.07201	0.0134403	1.09481	1.09481	0.016715	1.13781	0.0947753	0.83655	1.0645	1.06452	1.13781	0.0947753	1
cg16890681	PPP3R1;PPP3R1		0.0159243	0.51869	1.09969	1.09969	0.263889	1.18431	1.18431	0.258162	1.18694	1.18694	0.157843	0.8030444	-1.24526	0.870244	1.02403	1.02403	0.0565301	1.36831	1.36831	0.0136994	0.642249	-1.55703	0.469727	1.11274	1.11274	0.0103967	1.59791	1.59791	3.830576	1.28005	0.297022	1
cg15765694	PPP3R2;GRIN3A		0.0062646	0.001515144	0.208702	-4.88546	0.0154507	0.564624	-2.80421	0.0027827	0.237732	-4.2067	0.0563267	0.4721385	-2.11792	0.258023	0.3877709	-2.57875	0.0167446	0.362797	-2.75626	0.0018738	0.220193	-4.53111	0.0304875	0.455579	-2.41792	0.0914088	0.524418	-1.90688	0.847251	13.0749	1.69735	1
cg14285012	PPP3R2;GRIN3A		0.0251411	0.15225	0.338775	-2.95181	0.0167248	0.12726	-7.85393	0.0170824	0.128474	-7.78365	0.15634	0.342934	-2.91661	0.0131583	0.114194	-8.75704	0.0650206	0.231697	-4.31598	0.0103489	0.102322	-9.77311	0.0244208	0.142146	-7.03501	0.0142756	0.118492	-8.43937	4.34871	34.3112	7.91331	1
cg20077558	PPP4C		1.86E-06	0.00291879	0.687653	-1.45423	0.0563052	1.252262	1.22262	0.141205	1.663126	1.15858	0.3982977	0.9557	-1.04635	0.5116	0.8683126	1.0963	1.0963	1.0963	1.107	0.8515538	0.994364	-1.00567	3.16E-05	0.470444	-2.12563	13.8867	1.7002	0.121751	1
cg05226926	PPP4C		1.14E-05	0.195404	0.682078	-1.46611	0.0178791	1.23496	1.23496	0.894861	0.963731	-1.03763	0.908304	1.03281	1.03281	0.151374	0.6501812	1.53654	0.842457	0.945917	-1.05717	9.75E-08	0.00786147	-127.203	0.362401	1.29896	1.29896	0.737322	0.910234	1.09862	39.2073	48.476	1.09902	1
cg26933865	PPP4C		0.0002617	0.00285934	1.14496	1.14496	0.00508097	0.83602	-1.19561	0.000151042	0.806935	-1.14936	0.1396482	1.19244	1.19244	0.0506114	0.494665	-2.02157	2.61E-05	-1.20576	4.85965	0.0843014	0.695812	-1.43717	0.287481	1.23335	1.23335	0.148	0.0631	8.8672	0.968717	-1.03229	10.5966	0.05288	0.507743	1
cg19370301	PPP4C		0.0015678	0.0184553	1.06777	1.067707	0.435428	0.925224	-1.08035	0.2909286	1.1859	1.1859	0.1111169	1.64889	1.64889	0.2109	0.2121123	1.64889	1.92044	1.92044	1.92044	1.92044	1.92044	0.0001319	0.367954	-2.71806	0.0002705	0.0001	0.807518	-1.23836	0.94222	3.72975	0.359623	0.192692	1
cg27338352	PPP4C		0.0043138	0.122561	1.24035	1.24035	0.214636	0.845213	-1.18313	0.00449839	0.6414157	-1.62825	0.592907	1.07194	1.07194	0.0217765	0.705141	-1.42543	0.918157	0.986856	-1.01332	0.000189768	0.4448878	-2.24781	0.10505	0.79612	-1.25609	0.247776	0.855946	-1.1683	7.67537	2.0144	0.233289	1
cg27753245	PPP4C		0.0116045	0.664928	1.03308	1.03308	0.209732	0.826086	-1.21053	0.0117392	0.7997	-1.25051	0.182112	1.08944	1.08944	0.127554	0.4581854	1.17622	0.181667	1.155	1.155	0.0133942	1.25837	1.25837	0.0415865	1.20411	1.20411	0.0263671	0.821465	-1.21754	5.61435	0.499551	0.078106	1
cg04667664	PPP4C		0.0119773	0.155748	0.739707	-1.35172	0.0661609	0.664335	-1.50527	0.314407	0.723847	-1.38151	0.00187435	0.416823	-2.3991	0.0070929	0.5224484	1.91393	0.716048	0.70518	1.07518	0.05432	1.53849	1.53849	0.0139336	1.04254	1.04254	0.0231213	0.583409	1.71406	5.76292	1.47786	0.554327	1
cg01142152	PPP4C		0.0151563	0.0288849	0.448161	-2.23134	0.00158113	0.231874	-4.31268	0.0172353	0.402991	-2.48145	0.0091867	0.3523	-2.83849	0.407401	0.725139	-1.29443	0.583419	0.845082	-1.18332	0.583964	1.18302	1.18302	0.666972	1.14053	1.14053	0.0222256	0.42492	-2.35338	5.79829	8.27916	1.11056	1
cg22739204	PPP4C		0.0152731	0.461089	1.16254	1.162541	0.0139575	0.565868	-1.76812	0.0114741	0.712613	-1.40271	0.1212812	1.18262	1.18262	0.0611	0.3966198	1.24	0.320409	0.851421	-1.17435	0.0092596	0.722064	-1.38505	0.0095167	1.17089	1.17089	0.0178	1.16089	1.16089	0.861241	1.60789	0.010246	2.00361	0.345832	1
cg21742836	PPP4C		0.0317652	0.0117652	0.133839	-3.19143	0.589196	0.124292	-8.04555	0.0124992	0.958287	1.01965	0.9204	1.02982	1.02982	0.0171	0.6454954	1.55411	0.803974	1.20205	1.20205	0.0253	1.34962	1.34962	0.0125	1.31189	1.31189	0.0135	1.32486	1.32486	0.0	1.32486	0.0	1.32486	0.0	1
cg21532801	PPP4R1		0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	0.0049818	1
cg04326887	PPP4R2		0.00084046	9.30E-05	0.289039	-3.45974	0.00026968	0.3452	-2.89687	0.129938	0.747361	-1.33804	0.14065	0.754171	-1.32596	0.00942772	0.5566658	1.79644	0.888766	1.02523	1.02523	0.0537606	1.47678	1.47678	0.780484	1.05099	1.05099	0.0126937	0.576146	-1.73567	12.1841	6.15124	0.446136	1
cg16824204	PPP4R2		0.00532123	0.119457	1.31697	1.316971	0.00106864	0.454832	-2.19861	0.331241	1.17746	1.17746	0.0470449	0.690473	-1.44828	0.0709962	0.740684	1.74608	0.019858	1.58125	1.58125	0.458339	1.13095	1.13095	0.771229	1.04866	1.04866	0.1522	0.778849	-1.28395	7.20016	3.028611	0.378332	1
cg16780204	PPP4R4		0.0342521	0.043562	0.197536	-5.06237	0.0114327	0.109486	-9.13361	0.00826059	0.0943094	-10.5967	0.160441	0.350667	-2.85171	0.0616285	0.229642	4.35461	0.0718338	0.245477	-4.0737	0.0178693	0.133743	-7.47705	0.0890043	0.269592	-3.70931	0.0271687	0.160835	-6.21755	1.89744	30.1486	6.87599	1
cg08932518	PPP4R4;PPP4R4		0.0093258	0.0034629	0.0034629	0.0034629	0.782205	1.278944	0.0034629	0.0034629	0.0034629	0.54391	1.54091	1.540482	-1.74703	1.539256	1.540482	-1.09516	0.0034629	0.0034629	0.0034629	0.0034629	0.0034629	1.96472	1.96472	0.0040847	1.60086	1.60086	1.60086	0.0034629	0.0034629	0.0034629	0.0034629	0.0034629	0.0034629	0.0034629	1
cg16131899	PPP4R4;PPP4R4		0.0014432	0.915576	0.980063	-1.02034	0.509218	0.880593	-1.1356	0.366982	1.19244	1.19244	0.0506114	0.494665	-2.02157	2.61E-05	-1.20576	4.85965	0.0843014	0.695812	-1.43717	0.287481	1.23335	1.23335	0.148	0.0631	8.8672	0.968717	-1.03229	10.5966	0.05288	0.507743	1
cg06488135	PPP4R4;PPP4R4		0.0016247	0.0062818	0.552751	-1.80913	0.856351	0.970276	-1.03063	0.322737	1.18542	1.18542	0.193874	0.795401	-1.25723	0.0893388	1.36609	1.36609	0.367934	0.857267	-1.1665	0.819484	0.962651	-1.0388	4.71E-05	3.58826	3.58826	0.9573	0.991123	-1.00896	10.2409	4.49774	0.390393	1
cg15470705	PPP4R4;PPP4R4		0.0053808	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	0.0035868	1
cg16131899	PPP4R4;PPP4R4		0.0014432	0.915576	0.980063	-1.02034	0.509218	0.880593	-1.1356	0.366982	1.19244	1.19244	0.0506114	0.494665	-2.02157	2.61E-05	-1.20576	4.85965	0.0843014	0.695812	-1.43717	0.287481	1.23335	1.23335	0.148	0.0631	8.8672	0.968717	-1.03229	10.5966	0.05288	0.507743	1
cg07042431	PPP4R4;PPP4R4		0.0170421	0.307989	0.791564	-1.26341	0.0704024	0.487802	-2.05004	0.0170421	0.4170421	0.4170421	0.0170421	0.4170421	0.4170421	0.0170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	0.4170421	1
cg07489384	PPP4R4;PPP4R4		0.0413392	0.267769	1.65105	1.65105	0.00351175	0.5819	0.5819	0.00584631	0.479368	0.479368	0.159573	1.92093	1.92093	0.200232	1.79983	1.79983	0.285636	1.61877	1.61877	0.989626	1.00566	1.00566	0.0452923	2.71135	2.71135	0.747993	1.15029	1.15029	3.63863	10.8716	2.65585	1
cg12815574	PPP4R4;PPP4R4		0.0458012	0.55413	0.859834	-1.16302	0.817919	1.05997	1.05997	0.105992	1.05997	1.05997	0.105992	1.05997	1.05997	0.105992	1.05997	1.05997	0.0458053	0.582211	1.71745	0.0329382	0.820458	1.80508	0.0014777	0.592026	1.68885	0.0311	0.592026	1.68885	0.0311	0.592026	1.68885	0.0311	0.592026	1.68885	0.0311	1
cg17833298	PPP5C		5.93E-05	0.0208121	1.14722	1.14722	0.0147406	0.674103	-1.48303	0.0171371	0.9256	-1.08031	0.7065	0.8321693	1.21094	1.21094	0.0104083	1.64046	0.129397	1.13313	1.13313	0.0647858	1.17441	1.17441	0.00361603	0.740508	1.35042	0.0047504	0.969958	1.03097	1.03097	3.34535	0.0819109	1
cg04404772	PPP5C		9.07E-05	0.11882	1.22423	1.22423	1.67E-05	2.87929	2.87929	0.333674	1.12655	1.12655	5.34E-05	2.46194	2.46194	0.851631	0.9778373	1.02263	0.002037763	2.06974	2.06974	0.0167285	1.41767	1.41767	3.58E-05	2.5923	2.5923	0.175272	1.18798	1.18798	22.7233	5.1393	0.201039	1
cg09977703	PPP5C		0.0436066	0.998272	1.00173	1.001731	0.0139575	0.565868	1.285	1.285	0.0014471	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	0.0014471	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1.12613	1
cg06200024	PPP6C;PPP6C;PPP6C		0.0053155	0.0138354	0.116185	-8.60696	0.00233139	0.0491816	-20.3328	0.0416866	0.119375	-8.37695	0.111963	0.29381	-3.40333	0.0124494	0.110731	0.03087	0.117383	0.300146	-3.33171	0.000967677	0.0309395	-32.3211	0.00236124	0.049722	-20.1118	0.0368373	0.179807	-5.56151	2.23774	57.3974	7.04915	1
cg00685108	PPP6C;PPP6C;PPP6C		0.0100914	0.0266056	0.176376	-3.57006	0.0166497	0.3481	-2.60958	0.0488666	0.437067	-2.28697	0.0934347	0.3786	-2.64171	0.0258731	0.1598318	0.0588824	0.449643	-2.22425	0.0211192	0.240505	0.2105	-4.75014	0.773025	1.09953	1.09953	0.0155118	0.377556	-2.64862	5.74009	9.79203	1.51544	1
cg08535515	PPP6C1		0.0004078221	0.0290956	1.32794	1.32794	0.0001491	0.77548	-1.28952	0.0164549	1.27124	1.27124	0.1679624	0.8859377	-1.12438	0.0604872	1.18397	1.18397	0.0199558	1.58125	1.58125	0.458339	1.11994	1.11994	0.0038489	1.44428	1.44428	0.00184083	0.6939988	-1.55566	0.0347309	0.8237102	-1.21699	0.000311225	0.627122	1.59459	14.4681	5.45844	0.0896034	1
cg11229434	PPP6C1		0.0020508	0.353739	0.784801	-1.27421	0.0151395	0.569577	-1.75569	0.00736818	0.2719307	-3.67703	0.0777004	0.2619476	-3.81978	0.0163418	0.26372	-3.7919	0.0050559	0.390051	-2.56377	0.0010494	0.0132753	-3.19741	0.0014207	0.301004	-3.32241	0.0038	0.1644	-6.08079	1.15902	0.575164	9.77801	0.908054	1
cg15208247	PPP6C1		0.0057344	0.687383	0.89764	-1.11422	0.0548864	0.581574	-1.72045	0.0576676	0.5035	-1.98635	0.0560939	0.3737	-2.67655	0.0179375	0.18511	0.0560939	0.3737	-2.67655	0.0179375	0.18511	0.0560939	0.3737	-2.67655	0.0179375	0.18511	0.0560939	0.3737	-2.67655	0.0179375	0.18511	0.0560939	0.3737	-2.67655	0.0179375	0.18511	1
cg01905102	PPP6R1		0.0132403	0.179431	1.28956	1.28956	0.0226185	1.62711	1.62711	0.00116721	2.33972	2.33972	0.00928637	1.80148	1.80148	0.540227	1.11698	1.11698	0.0102601	1.78065	1.78065	0.647256	1.08563	1.08563	0.02031	1.64693	1.64693	0.0524256	1.48192	1.48192	5.39774	2.71874	0.447717	1
cg20305053	PPP6R1		0.0089846	0.600705	0.867366	-1.15309	0.795922	0.932897	-1.07193	0.744073	0.9628	-1.03857	0.8139	1.09273	1.09273	0.522062	1.19375	1.19375	0.472985	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1.22045	1
cg26971710	PPP6R2;KRCCD		0.0003959	0.000647917	0.490526	-2.03849	0.00078708	0.500754	-1.99699	0.0361961	0.717773	-1.3932	0.6606062	1.33377	1.33377	0.00559101	0.4758249	-2.08965	0.0004778	0.242002	-4.1322	0.00400816	0.377543	-2.64871	0.263765	0.754719	-1.325	0.599224	0.8800328	-1.13594	10.298	9.19897	0.694775	1
cg05341057	PPP6R2;KRCCD		0.0073304	0.001653279	0.0012955	-4.22873	0.0012955	0.242873	-4.11443	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	0.0012955	0.1426	-7.01091	1
cg19312935	PPP6R2;KRCCD		0.0029203	0.128496	1.30525	1.30525	0.0987549	1.34113	1.34113	0.00656723	1.77249	1.77249	0.0609773	2.31291	2.31291	0.205897	0.805452	1.24154	0.490497	0.892651	-1.12026	0.395216	0.868332	-1.15163	0.0392077	1.47237	1.47237	0.326823	1.17837	1.17837	6.05103	2.51939	0.370096	1
cg17014441	PPP6R2;KRCCD		0.0019377	0.243112	0.703253	-1.42182	0.0119645	0.512255	-1.95597	0.0177221	0.925131	-1.08093	0.118706	1.49672	1.49672	0.0185364	0.6858566	1.45476	0.679005	0.914614	-1.09312	0.0630702	0.447795	-2.23317	0.0852291	1.26801	1.26801	0.704329	1.08409	1.08409	3.99634	3.79614	0.948228	1
cg26919805	PPP6R2;KRCCD;PPP2E2		0.0026013	0.000617762	0.239056	-4.18312	0.935898	1.02208	1.02208	?	?	?	0.3966	0.790009	-1.26581	0.214781	0.7014456	1.42561	0.666613	0.888976	1.12489	0.000120781	0.161391	-6.19613	0.532444	1.84223E	-1.18732	0.568268	0.8550246	-1.16953	9.12779	0.474444	1.03798	1
cg18188150	PPIC1		3.30E-05	3.15E-05	0.246648	-4.08718	1.29E-05	0.20403	-4.90123	0.0012579	0.641674	-2.26411	0.114305	0.742254	-1.34725	0.0172243	0.604358	-1.65465	0.000300023	0.36045	-2.77431	0.8681	0.186945	-5.34014	0.847262	1.03403	1.03403	0.00102457	0.303196	-3.2982	29.7143	14.171	0.42392	1
cg20778294	PPIC1		0.0024725	0.000201	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	0.0001556	1
cg00088042	PPIC1		0.0065843	0.19541	0.696795	-1.43514	0.00425609	0.364523	-2.74331	0.0126713	2.26473	2.26473	0.349292	1.28942	1.28942	0.0174717	0.466161	-2.14518	0.699173	0.902628	-1.10788	0.00494477	0.374566	-2.66

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00034852	PQLC1;PQLC1;PQLC1	0.0328806	0.924973	0.990629	-1.00946	0.0115854	1.37095	1.37095	0.00659708	1.42271	1.42271	0.666912	0.957643	-1.04423	0.0776848	1.21653	1.21653	0.868727	1.01667	1.01667	0.0963321	0.833176	-1.20023	0.380133	0.913941	-1.09416	0.160832	1.16151	1.16151	3.9552	0.625869	0.140657	1
cg26222723	PQLC1;PQLC1;PQLC1	0.0348881	0.236081	0.846972	-1.18068	0.0194802	0.685389	-1.45903	0.249069	0.851157	-1.17487	0.839629	0.973259	-1.02748	0.824585	1.03014	1.03014	0.121251	1.25201	1.25201	0.00398233	1.67843	1.67843	0.646062	0.940018	-1.06381	0.524948	0.91743	-1.09	3.87162	1.09725	0.25192	1
cg07853919	PQLC1;PQLC1;PQLC1	0.0407881	0.440304	0.927506	-1.07816	0.927567	0.991343	-1.00873	0.0350131	0.790649	-1.26478	0.288395	1.11115	1.11115	0.245832	0.890415	-1.12307	0.0393673	0.79618	-1.256	0.00209243	0.661007	-1.51284	0.747958	0.96964	-1.03131	0.224761	0.885206	-1.12968	3.65673	0.529589	0.128734	1
cg05764766	PQLC2;AKR7A2;PQLC2;PQLC2	0.0155907	0.901343	0.987139	-1.01303	0.00750963	0.698284	-1.43208	0.0551281	0.796957	-1.25477	0.144108	1.17796	1.17796	0.218307	0.873582	-1.14471	0.0174991	0.739449	-1.35236	0.0106441	1.39821	1.39821	0.234224	0.87796	-1.139	0.331377	0.900682	-1.11027	5.11484	0.882499	0.153366	1
cg26117986	PQLC2;AKR7A2;PQLC2;PQLC2	0.0494046	0.41967	1.18213	1.18213	0.402291	1.18999	1.18999	0.260276	1.26907	1.26907	0.0059669	0.482168	-2.07397	0.0524795	0.63925	-1.56433	0.0364161	0.610471	-1.63808	0.471721	0.861952	-1.16016	0.173043	0.745109	-1.34209	0.940192	0.984888	-1.01534	3.40359	2.21982	0.579734	1
cg20810288	PQLC2;AKR7A2;PQLC2;PQLC2;PQLC2	0.0179235	0.169508	0.818361	-1.22195	0.251728	1.17822	1.17822	0.285177	1.16422	1.16422	0.0954825	0.778131	-1.28513	0.374024	1.13313	1.13313	0.481978	1.10284	1.10284	0.000773773	0.498084	-2.00769	0.735384	1.04756	1.04756	0.179246	1.21581	1.21581	4.88211	1.45064	0.264119	1
cg15974430	PQLC2;AKR7A2;PQLC2;PQLC2;PQLC2	0.0270158	0.0519391	0.827162	-1.20895	0.642823	0.960719	-1.04089	0.904103	0.989711	-1.0104	0.354136	0.921457	-1.08524	0.258442	1.10647	1.10647	0.319559	1.09227	1.09227	0.00258833	1.43084	1.43084	0.121805	1.15478	1.15478	0.034331	1.23594	1.23594	4.24079	0.494509	0.103651	1
cg13555004	PQLC2;PQLC2;PQLC2	7.43E-05	8.52E-05	0.224155	-4.46121	0.980011	1.00532	1.00532	0.758786	1.06742	1.06742	1.70E-05	0.15429	-6.4813	1.56E-05	0.150911	-6.62643	0.000554243	0.321343	-3.11194	0.00393989	0.43972	-2.27417	0.514428	0.869318	-1.15033	0.034721	0.593657	-1.68447	23.9636	17.03	0.631699	1
cg18199495	PQLC2;PQLC2;PQLC2	0.000285326	0.000647914	0.29403	-3.40102	9.60E-06	0.107445	-9.30708	0.0060699	0.432406	-2.31264	0.363586	1.24417	1.24417	0.814853	0.946593	-1.05642	0.00428088	0.408978	-2.44512	0.00206026	0.362178	-2.76107	0.475136	0.843727	-1.18522	0.0120485	0.480649	-2.08052	16.6774	14.4606	0.770735	1
cg12065228	PQLC2;PQLC2;PQLC2	0.000698722	0.574342	1.07524	1.07524	0.136754	0.81472	-1.22742	7.21E-05	0.396894	-2.51956	0.00199783	0.5725	-1.74673	0.189505	0.837228	-1.19442	0.0347761	0.730116	-1.36965	0.268594	1.1587	1.1587	0.103716	1.25539	1.25539	0.000348234	0.479413	-2.08588	13.0176	3.36897	0.230045	1
cg25473181	PQLC3	3.11E-06	5.71E-07	0.347775	-2.87543	4.11E-07	0.332232	-3.00995	3.30E-05	0.54011	-1.85147	0.244798	1.09745	1.09745	0.589519	1.04251	1.04251	0.0166378	1.25043	1.25043	0.00666374	0.76409	-1.30875	0.00155012	0.706205	-1.41602	0.00334331	0.736962	-1.35692	54.8264	5.0724	0.0822378	1
cg09450367	PQLC3	0.00148043	0.00148474	0.41611	-2.40321	0.0210195	1.70067	1.70067	0.00299367	0.458936	-2.17895	0.0326186	0.619808	-1.6134	0.000246073	0.313941	-3.18531	0.0263672	0.604248	-1.65495	0.0113291	0.545211	-1.83415	0.34657	0.830757	-1.20372	0.529199	0.885199	-1.12969	10.5193	6.09647	0.515158	1
cg20157398	PQLC3	0.00361497	0.0106776	1.32955	1.32955	0.00154464	1.49805	1.49805	0.026383	1.26326	1.26326	0.00615202	0.72818	-1.37329	0.124088	1.15928	1.15928	0.0373471	0.806984	-1.23918	0.619638	0.956563	-1.04541	0.362574	1.0866	1.0866	0.042472	1.23042	1.23042	8.09506	1.00987	0.110891	1
cg09566392	PQLC3	0.00544035	0.0172015	1.50886	1.50886	0.795529	1.03748	1.03748	0.0171013	1.50965	1.50965	0.609478	1.07574	1.07574	0.84026	1.02901	1.02901	0.761984	0.957868	-1.04399	0.000264378	0.427775	-2.33768	0.427746	1.12158	1.12158	0.474352	0.902037	-1.1086	7.15145	2.27433	0.282687	1
cg19728485	PQLC3	0.011061	0.639096	0.757773	-1.31966	0.0550396	3.99754	3.99754	0.274769	1.97744	1.97744	0.201413	0.441455	-2.26524	0.00179669	0.0348443	-28.6991	0.536079	1.44665	1.44665	0.0238914	5.93973	5.93973	?	?	?	0.0219716	6.19413	6.19413	9.83469	43.4062	2.75849	1
cg04731518	PQLC3	0.0147801	0.0231475	0.235664	-4.24332	0.112056	0.398099	-2.51194	0.136476	0.425716	-2.34898	0.24835	0.526049	-1.90096	0.00207357	0.0994559	-10.0547	0.084351	0.361908	-2.76313	0.00104757	0.0756419	-13.2202	0.331535	0.58667	-1.70454	0.120899	0.408478	-2.44812	5.20605	23.3633	3.98908	1
cg00676602	PQLC3	0.0317419	0.309152	0.641335	-1.55925	0.014148	0.278648	-3.58876	0.204612	0.568399	-1.75933	0.687124	0.842922	-1.18635	0.00906449	0.246671	-4.05399	0.133142	0.504699	-1.98138	0.00455177	0.202933	-4.92774	0.0199016	0.305398	-3.27442	0.180629	0.548825	-1.82207	4.00546	11.2995	2.50758	1
cg14948230	PQLC3	0.040916	0.0300898	0.231654	-4.31679	0.00854983	0.146098	-6.84471	0.0514719	0.280525	-3.56475	0.311021	0.548295	-1.82384	0.0115521	0.163532	-6.11502	0.187161	0.448634	-2.22899	0.0153475	0.181595	-5.50676	0.145682	0.40835	-2.44888	0.110578	0.369039	-2.70974	3.6525	19.0146	4.62748	1
cg14230397	PRAC;C17orf93	8.45E-07	0.0450108	0.8644	-1.15687	0.000160423	0.664686	-1.50447	0.0259435	1.18231	1.18231	0.0952706	0.890379	-1.12312	0.000273902	0.685491	-1.45881	0.674665	1.0271	1.0271	5.25E-07	0.412778	-2.42261	9.95E-08	2.99147	2.99147	0.107548	0.894707	-1.11768	76.5462	4.86488	0.0564932	1
cg20945566	PRAC;C17orf93	5.67E-05	0.874856	0.968103	-1.03295	0.886215	1.02989	1.02989	0.297594	1.24869	1.24869	0.530444	0.877477	-1.13963	0.00279481	0.428501	-2.33372	0.470196	0.859758	-1.16312	0.000417153	0.316278	-3.16178	1.72E-06	11.7265	11.7265	0.160164	0.73445	-1.36156	25.7536	17.2545	0.595541	1
cg27170782	PRAC;C17orf93	0.00171135	0.0538034	2.52089	2.52089	0.417799	0.704934	-1.41857	0.10538	2.11092	2.11092	0.565237	0.782317	-1.27825	0.525309	0.762001	-1.31233	0.159684	0.5302	-1.88608	0.234798	0.591035	-1.69195	3.00E-05	31.4816	31.4816	0.54815	1.29255	1.29255	10.0883	28.4924	2.51048	1
cg00960395	PRAC;C17orf93	0.00230858	0.00240069	3.04799	3.04799	0.292783	0.750066	-1.33322	0.974252	1.00854	1.00854	0.729151	1.09592	1.09592	0.763362	0.923519	-1.08282	0.293836	0.75057	-1.33232	0.329766	0.76719	-1.30346	7.03E-05	6.76256	6.76256	0.280393	1.34402	1.34402	9.24589	10.1677	0.977505	1
cg09866983	PRAC;PRAC;C17orf93	0.000183062	0.000136807	5.00348	5.00348	0.0542574	0.586807	-1.70414	0.0194465	1.99259	1.99259	0.433016	0.822624	-1.21562	0.0506324	1.72209	1.72209	0.089541	0.633298	-1.57903	0.0170433	0.491716	-2.03369	2.23E-05	7.97217	7.97217	0.101604	0.645719	-1.54866	18.8169	17.7485	0.838419	1
cg20094830	PRAC;PRAC;C17orf93	0.000749361	0.362103	0.828385	-1.20717	0.0122785	0.534269	-1.87172	0.000604071	2.89488	2.89488	0.831642	0.958113	-1.04372	0.743444	0.936121	-1.06824	0.0147331	1.82815	1.82815	0.000418319	0.324842	-3.07842	0.00269953	2.30049	2.30049	0.228741	1.28902	1.28902	12.7646	8.1666	0.568698	1
ch.8.214077F	PRAGMIN	0.000148155	0.000134548	0.240712	-4.15434	0.0117564	1.96924	1.96924	0.748825	1.07162	1.07162	0.000402036	0.297621	-3.35998	9.88E-05	0.225675	-4.43115	0.0498756	0.617783	-1.61869	0.000820399	0.337663	-2.96153	0.00126482	0.363072	-2.75427	0.000844424	0.339331	-2.94697	19.9232	14.6312	0.65278	1
cg08447380	PRAGMIN	0.00109365	0.0886235	0.56146	-1.78107	0.00011589	7.976	7.976	0.000141418	7.52204	7.52204	0.509634	0.814198	-1.2282	0.365308	0.751381	-1.33088	0.188392	1.53462	1.53462	0.494514	1.2376	1.2376	0.365191	1.33098	1.33098	0.68602	1.13302	1.13302	11.4711	17.1562	1.32942	1
cg08007339	PRAGMIN	0.00404937	0.0554042	1.29141	1.29141	0.000768731	0.548847	-1.822	0.476795	0.918326	-1.08894	0.336916	1.12368	1.12368	0.862506	1.02063	1.02063	0.354093	0.893785	-1.11884	0.00188808	1.67996	1.67996	0.142556	1.20399	1.20399	0.0588871	0.77781	-1.28566	7.8235	1.7188	0.195286	1
cg18050997	PRAGMIN	0.00696805	0.0293425	0.820031	-1.21947	0.427652	0.939314	-1.06461	0.573941	1.0449	1.0449	0.898449	0.990178	-1.00992	0.0116655	1.27592	1.27592	0.238726	1.10009	1.10009	0.00109686	1.4509	1.4509	0.0164119	0.797144	-1.25448	0.758101	0.976402	-1.02417	6.62456	0.626998	0.0841311	1
cg01995393	PRAM1	4.49E-07	0.000308398	0.495385	-2.01863	1.36E-06	0.227489	-4.39582	0.00080646	0.54535	-1.83368	0.00222579	0.598206	-1.67167	4.87E-07	0.184234	-5.42788	0.0012038	0.566193	-1.76618	1.27E-08	0.067557	-14.8023	0.256091	0.867467	-1.15278	3.31E-05	0.380541	-2.62784	89.9371	20.4882	0.202494	1
cg08409566	PRAM1	8.37E-07	0.0221203	0.800683	-1.24893	0.721089	1.02947	1.02947	1.11E-06	0.358127	-2.7923	1.29E-06	0.365441	-2.73642	1.10E-07	0.250545	-3.99129	7.84E-07	0.341519	-2.9281	0.542033	0.951225	-1.05128	0.195829	0.895096	-1.1172	0.00101947	0.67392	-1.48386	76.7412	7.97739	0.0924017	1
cg02319986	PRAM1	0.00151326	0.231902	0.833281	-1.20007	0.233521	1.19925	1.19925	8.24E-05	0.356344	-2.80628	0.114548	0.779063	-1.28359	0.00308247	0.554748	-1.80262	0.19048	0.817365	-1.22344	0.077552	1.33028	1.33028	0.741405	0.952971	-1.04935	0.00316197	0.556203	-1.79791	10.4531	3.5031	0.29789	1
cg27350307	PRAM1	0.0019362	0.390426	0.789855	-1.26605	0.0226858	0.481307	-2.07768	0.000729781	0.252431	-3.96148	0.00141598	0.289886	-3.44964	0.000313326	0.208819	-4.78883	0.0206045	0.473545	-2.11173	0.0129898	0.437657	-2.2849	0.113098	0.629864	-1.58764	0.00288912	0.333477	-2.99871	9.73335	11.0772	1.01162	1
cg14191279	PRAM1	0.00337232	0.361813	0.793991	-1.25946	0.0676239	0.604193	-1.6551	0.0209558	0.504778	-1.98107	0.0583028	0.590629	-1.69311	0.00125545	0.313704	-3.18772	0.0560926	0.587149	-1.70314	0.000146787	0.200426	-4.98938	0.120828	0.660988	-1.51289	0.00712195	0.42509	-2.35244	8.26513	7.92806	0.852638	1
cg21051308	PRAM1	0.00468022	0.669456	1.0688	1.0688	0.000465386	0.426207	-2.34628	0.013242	0.62147	-1.60909	0.207471	1.22868	1.22868	0.847527	0.970617	-1.03027	0.0230405	1.52368	1.52368	0.0358994	1.45962	1.45962	0.293815	0.844756	-1.18377	0.210911	0.815278	-1.22658	7.48787	2.84664	0.337926	1
cg25792593	PRAM1	0.0148733	0.0215507	1.44184	1.44184	0.999128	1.00014	1.00014	0.395703	1.12222	1.12222	0.173733	1.21151	1.21151	0.00315974	0.585853	-1.70691	0.740105	0.956828	-1.04512	0.0174913	1.46731	1.46731	0.989367	1.00177	1.00177	0.0613062	0.756152	-1.32249	5.19525	1.44607	0.247417	1
cg16908083	PRAM1	0.015079	0.0450102	1.76081	1.76081	0.0265572	1.90906	1.90906	0.012453	0.465401	-2.14868	0.78359	1.07006	1.07006	0.00671225	0.421189	-2.37423	0.478383	0.837557	-1.19395	0.176524	1.42387	1.42387	0.408578	1.23108	1.23108	0.200629	0.717154	-1.3944	5.17171	4.95486	0.851618	1
cg11906162	PRAM1	0.0349205	0.713162	0.951067	-1.05145	0.37327	1.13224	1.13224	0.56162	0.923351	-1.08301	0.0961694	1.28178	1.28178	0.109767	1.26731	1.26731	0.58673	0.928133	-1.07743	0.00158656	1.85162	1.85162	0.584352	0.927684	-1.07795	0.160186	0.815554	-1.22616	3.87031	1.13177	0.259931	1
cg01966129	PRAME;LOC648691;PRAME;PRAME;PRAME;PRAME	1.16E-08	7.74E-08	0.439521	-2.2752	1.07E-07	0.454571	-2.19988	7.70E-07	0.542392	-1.84368	7.84E-06	0.637103	-1.5696	1.51E-09	0.258339	-3.87088	1.90E-08	0.374252	-2.672	2.00E-08	0.37654	-2.65576	0.00021602	0.75266	-1.32862	4.21E-08	0.41125	-2.43161	226.44	7.59673	0.029821	1
cg22871485	PRAME;LOC648691;PRAME;PRAME;PRAME;PRAME	8.34E-06	1.06E-05	0.139734	-7.15645	0.000377252	0.30439	-3.28525	0.000615945	0.331652	-3.0152	0.00275684	0.421258	-2.37384	2.49E-06	0.0919023	-10.8811	1.33E-05	0.148229	-6.74632	1.89E-05	0.161934	-6.17536	0.232953	0.769668	-1.29926	5.99E-06	0.119366	-8.3776	42.5209	29.5059	0.616813	1
cg20667684	PRAME;LOC648691;PRAME;PRAME;PRAME;PRAME	6.42E-05	0.000320656	0.233068	-4.29059	0.000293643	0.228625	-4.37397	0.00547576	0.40106	-2.49339	0.0452033	0.562871	-1.77661	3.68E-05	0.13725	-7.28599	0.000127725	0.188873	-5.29455	1.10E-05	0.0963173	-10.3824	0.669693	1.1133	1.1133	0.000726284	0.276525	-3.61631	24.916	24.6877	0.880747	1
cg27303185	PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME	1.06E-05	0.000117546	0.179095	-5.58364	4.95E-06	0.0702202	-14.2409	0.000943027	0.284253	-3.51799	0.0361307	0.537129	-1.86175	1.99E-06	0.0499781	-20.0087	1.70E-05	0.105223	-9.5036	0.000655933	0.264025	-3.78752	0.000474234	0.246628	-4.05469	1.61E-05	0.103583	-9.65411	39.9497	41.1561	0.915732	1
cg16932094	PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME	2.51E-05	0.0827338	0.673139	-1.48558	0.000141814	0.258707	-3.86538	0.000134432	0.256014	-3.90604	0.00708185	0.48831	-2.04788	6.13E-05	0.218013	-4.58689	5.43E-05	0.212367	-4.70884	2.47E-06	0.0952128	-10.5028	0.00016209	0.265494	-3.76657	0.000133995	0.25585	-3.90854	31.9063	21.4418	0.597357	1
cg19804859	PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME	0.000235975	0.000512881	0.332368	-3.00871	0.00148717	0.394285	-2.53624	0.0781306	0.671979	-1.48814	0.00352715	0.447783	-2.23322	0.000155558	0.268369	-3.72621	0.000539302	0.33519	-2.98338	5.76E-05	0.219756	-4.5505	0.000544416	0.335721	-2.97866	0.00117074	0.379986	-2.63168	17.564	11.4748	0.580723	1
cg04242655	PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME	0.000527105	0.00142505	0.236261	-4.23261	0.08586	0.552379	-1.81035	0.00264746	0.272416	-3.67085	0.0809828	0.546089	-1.8312	0.000833822	0.207536	-4.81844	0.00903119	0.35426	-2.82279	4.77E-05	0.0911901	-10.9661	0.859086	0.945951	-1.05714	0.000379987	0.169515	-5.89917	14.0826	21.8048	1.37631	1
cg00372774	PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME	0.00174114	0.016078	0.279811	-3.57384	0.000205029	0.0679024	-14.727	0.0218535	0.304353	-3.28566	0.265564	0.605559	-1.65137	0.0025291	0.16327	-6.12482	0.00600616	0.211776	-4.72197	0.000753572	0.109794	-9.10799	0.00329085	0.177044	-5.6483	0.0412225	0.361265	-2.76805	10.038	29.7168	2.63149	1
cg05208878	PRAME;PRAME;PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME;PRAME	6.61E-05	0.0001704	0.293761	-3.40413	0.000517807	0.354182	-2.82341	0.00144124	0.413628	-2.41763	0.0333767	0.620939	-1.61046	5.46E-06	0.139409	-7.17316	8.43E-05	0.257928	-3.87705	0.955037	1.01087	1.01087	0.315787	0.819721	-1.21993	0.000204808	0.303448	-3.29546	24.7256	14.385	0.517143	1
cg11225751	PRAME;PRAME;PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME;PRAME	0.000205578	2.80E-05	0.0363157	-27.5363	0.0921512	0.474419	-2.10784	0.0385783	0.381442	-2.62163	0.011615	0.281126	-3.55712	7.06E-05	0.054153	-18.4662	0.000314843	0.0955109	-10.47	0.314227	0.657948	-1.51988	0.481057	0.749701	-1.33386	0.000215688	0.0834258	-11.9867	18.2346	46.7236	2.27765	1
cg17336139	PRAME;PRAME;PRAME;PRAME;LOC648691;PRAME;PRAME;PRAME;PRAME	0.00613186	0.00100645	0.0335645	-29.7934	0.143696	0.335388	-2.98162	0.0724097	0.248064	-4.03122	0.0902636	0.273034	-3.66255	0.00138999	0.0398787	-25.0761	0.00615558	0.0833192	-12.002	0.725405	0.78253	-1.27791	0.297891	0.472187	-2.1178	0.00434742	0.0706663	-14.151	6.89272	52.787	6.80744	1
cg17648213	PRAME;PRAME;PRAME;PRAME;PRAME	3.56E-07	3.11E-07	0.143784	-6.95486	2.63E-07	0.137874	-7.25298	1.38E-05	0.307868	-3.24815	4.23E-06	0.251671	-3.97344	4.76E-07	0.159521	-6.26875	3.26E-07	0.145501	-6.87283	2.52E-05	0.337881	-2.95962	9.62E-06	0.290324	-3.44443	1.24E-06	0.197601	-5.06069	95.396	25.4367	0.237016	1
cg19805694	PRAMEF1	0.0291049	0.022652	0.272248	-3.67312	0.0408232	0.324438	-3.08225	0.0789059	0.394459	-2.53512	0.0555297	0.355381	-2.81388	0.0126144	0.227935	-4.38722	0.0633933	0.369608	-2.70557	0.00847646	0.201441	-4.96424	0.0112939	0.220294	-4.53939	0.0960409	0.418343	-2.39038	4.13095	14.872	3.20013	1
cg04488453	PRAMEF11	1.00E-05	2.67E-06	0.200237	-4.99409	0.00291172	1.79016	1.79016	5.05E-05	0.339123	-2.94879	2.52E-06	0.197847	-5.05441	0.274165	1.17581	1.17581	0.0634066	0.742961	-1.34597	0.1408	1.25292	1.25292	0.00470391	0.585874	-1.70685	0.00332906	0.566193	-1.76618	40.5212	13.001	0.285196	1
cg12140178	PRAMEF11	0.000375554	9.90E-05	0.232604	-4.29914	0.00588401	0.467395	-2.13952	0.00122873	0.368772	-2.7117	0.000855656	0.347505	-2.87766	0.000951631	0.353695	-2.8273	0.00379958	0.43874	-2.27925	0.0058379	0.466871	-2.14192	0.000151693	0.253666	-3.94219	0.00140937	0.376978	-2.65267	15.4666	10.9089	0.626954	1
cg25347615	PRAMEF11	0.000387674	7.75E-05	0.346836	-2.8832	0.238958	0.833174	-1.20023	0.00040669	0.435412	-2.29668	0.000376046	0.431126	-2.31951	0.0791919	0.749454	-1.3343	0.00252296	0.537611	-1.86008	0.0134635	0.63586	-1.57267	0.000164363	0.386418	-2.58787	0.00929276	0.613613	-1.62969	15.3319	5.31807	0.308323	1
cg07479750	PRAMEF11	0.00106509	0.000477776	0.299691	-3.33677	0.908887	0.975152	-1.02548	0.000277073	0.270374	-3.69858	0.00123909	0.354317	-2.82233	0.0798256	0.652308	-1.53302	0.571473	0.881891	-1.13393	0.0102797	0.491235	-2.03569	0.0161641	0.523758	-1.90928	0.000622967	0.314477	-3.17988	11.5578	8.84258	0.680067	1
cg23501610	PRAMEF11	0.00151101	0.00309622	0.346297	-2.8877	0.00718086	0.402817	-2.48252	0.00558994	0.385448	-2.59438	0.0601793	0.573831	-1.74267	0.0055648	0.38514	-2.59646	0.0690292	0.586812	-1.70412	0.00016072	0.184739	-5.41305	0.000871666	0.270251	-3.70026	0.00435816	0.368649	-2.71261	10.4575	11.3688	0.966346	1
cg11979129	PRAMEF11	0.00736843	0.000450662	0.292376	-3.42026	0.226474	0.754031	-1.32621	0.00208232	0.381661	-2.62012	0.512822	0.862817	-1.15899	0.0712944	0.639014	-1.56491	0.1827	0.730258	-1.36938	0.203047	0.741767	-1.34813	0.00520082	0.440509	-2.2701	0.0615559	0.626154	-1.59705	6.50998	5.09551	0.695754	1
cg22426139	PRAMEF12	0.000319314	0.000798254	0.433791	-2.30526	0.00767826	0.568316	-1.75958	5.70E-05	0.291601	-3.42934	0.00048571	0.405757	-2.46453	0.0710642	0.717066	-1.39457	0.247975	0.81938	-1.22043	0.0162823	0.61597	-1.62346	0.00017739	0.350629	-2.85202	0.000355058	0.388354	-2.57497	16.1714	6.96744	0.382978	1
cg13394110	PRAMEF12	0.00126123	0.0417172	1.8677	1.8677	0.000378017	0.22053	-4.53454	0.000112098	0.16419	-6.09051	0.200419	0.697744	-1.43319	0.178776	0.68378	-1.46246	0.105486	0.624598	-1.60103	0.108845	1.59259	1.59259	0.233592	0.717248	-1.39422	0.247895	0.725085	-1.37915	11.0141	12.3531	0.996955	1
cg11737871	PRAMEF12	0.00685142	0.803782	1.05157	1.05157	0.063194	1.52516	1.52516	0.000299936	0.304824	-3.28058	0.576208	0.892197	-1.12083	0.672189	0.917616	-1.08978	0.406859	0.842485	-1.18696	0.00337999	0.447024	-2.23702	0.515306	0.875234	-1.14255	0.682878	0.920374	-1.08652	6.65949	4.30384	0.574463	1
cg11346333	PRAMEF12	0.0161092	0.851962	1.04288	1.04288	0.00454646	0.427596	-2.33865	0.00543175	0.439435	-2.27565	0.0316336	0.567591	-1.76183	0.128283	1.44706	1.44706	0.093999	0.661081	-1.51267	0.223492	1.33306	1.33306	0.890202	0.969431	-1.03153	0.524011	1.1562	1.1562	5.05953	4.04838	0.711245	1
cg24532743	PRAMEF13;PRAMEF14	0.000629785	5.97E-05	0.389575	-2.5669	0.319136	0.87743	-1.13969	0.00041769	0.491313	-2.03536	0.00408288	0.612955	-1.63144	0.00384114	0.609665	-1.64025	0.896591	0.983621	-1.01665	0.0483534	0.750887	-1.33176	0.00102089	0.538742	-1.85618	0.00296148	0.595673	-1.67877	13.4014	3.42352	0.227075	1
cg00961139	PRAMEF18;PRAMEF19	0.000786656	0.00380732	0.603314	-1.65751	0.0866331	0.782653	-1.27771	0.00139727	0.54912	-1.82109	0.000784063	0.518129	-1.93002	0.102549	1.26026	1.26026	0.00194	0.566796	-1.7643	0.00200951	0.568696	-1.75841	0.00028607	0.464445	-2.15311	0.031899	0.7221	-1.38485	12.5915	3.34362	0.23604	1
cg18807515	PRAMEF2	0.000283889	0.000312108	0.353767	-2.82672	0.312286	1.20416	1.20416	2.42E-05	0.224175	-4.46079	0.484862	0.881474	-1.13446	0.102529	0.727938	-1.37374	0.540485	1.11643	1.11643	0.00125489	0.432866	-2.31018	0.000500828	0.380046	-2.63126	0.0117367	0.57148	-1.74984	16.7004	8.35557	0.44473	1
cg01396102	PRAMEF20	1.17E-05	0.00883557	0.597816	-1.67276	0.0168696	1.56824	1.56824	0.91183	1.01724	1.01724	2.30E-05	0.270595	-3.69556	5.25E-07	0.115802	-8.63539	0.589716	1.08766	1.08766	3.10E-05	0.28514	-3.50705	0.328863	0.855953	-1.16829	0.211738	0.816242	-1.22513	38.9461	14.6938	0.335365	1
cg16566605	PRAMEF20	9.93E-05	1.63E-05	0.144812	-6.90549	0.522604	0.868481	-1.15144	3.28E-05	0.172802	-5.78697	0.0609919	0.631587	-1.58331	0.000428888	0.297352	-3.36302	0.0188458	0.538425	-1.85727	0.000209124	0.259266	-3.85704	0.082928	0.65848	-1.51865	0.000200429	0.257091	-3.88967	22.1823	16.6371	0.666683	1
cg20017108	PRAMEF20	0.00057023	0.242356	0.785041	-1.27382	0.423789	0.850794	-1.17537	0.000245654	0.301726	-3.31426	0.76839	0.943264	-1.06015	0.000254145	0.303543	-3.29443	0.900035	0.975449	-1.02517	0.000261495	0.30507	-3.27794	0.0248424	0.589617	-1.69602	0.000351421	0.321092	-3.11438	13.7779	8.53714	0.550778	1
cg10240587	PRAMEF20	0.0267739	0.498187	1.19211	1.19211	0.00287994	0.350822	-2.85045	0.0317811	0.52563	-1.90248	0.688324	0.902087	-1.10854	0.127035	0.655912	-1.52459	0.85562	0.954522	-1.04764	0.119244	1.54043	1.54043	0.021354	0.4932	-2.02757	0.266908	0.744099	-1.34391	4.25419	4.39994	0.919343	1
cg11999044	PRAMEF21;PRAMEF20	0.000238882	2.36E-05	0.147495	-6.7799	0.00287368	0.394593	-2.53426	0.000268666	0.257764	-3.87951	0.01074	0.483376	-2.06878	0.000588361	0.299928	-3.33414	0.00241714	0.383652	-2.60653	0.00310031	0.399442	-2.50349	0.000332491	0.268923	-3.71854	0.00306082	0.398621	-2.50865	17.5055	14.2581	0.723992	1
cg16905984	PRAMEF4	0.00105188	0.0554841	0.532258	-1.87879	0.0023535	0.291401	-3.43169	0.00739574	0.366894	-2.72558	0.00599765	0.352241	-2.83896	0.000775129	0.228072	-4.38458	0.0169684	0.429142	-2.33023	7.51E-05	0.1239	-8.07101	0.0223374	0.451386	-2.2154	0.00256854	0.296786	-3.36943	11.5988	15.5082	1.18849	1
cg26811976	PRAMEF4	0.00217868	0.00091547	0.342749	-2.91759	0.0299405	0.575867	-1.73651	0.0118355	0.507092	-1.97203	0.000193553	0.257779	-3.8793	0.023438	0.557097	-1.79502	0.0802444	0.657491	-1.52093	0.00266274	0.407461	-2.45422	0.00674623	0.468168	-2.13598	0.0250664	0.562197	-1.77874	9.40404	6.95412	0.657318	1
cg22596861	PRAMEF4	0.0107058	0.00673727	0.226571	-4.41363	0.0385743	0.363247	-2.75295	0.0145558	0.280315	-3.56741	0.0723653	0.428526	-2.33358	0.00695549	0.22862	-4.37407	0.047776	0.384232	-2.6026	0.0102286	0.25457	-3.92819	0.00334797	0.185023	-5.40473	0.0125071	0.268999	-3.71749	5.78276	16.3575	2.51438	1
cg01689796	PRAMEF4	0.036177	0.0229715	0.188228	-5.31271	0.056788	0.266125	-3.75763	0.0616428	0.274588	-3.64181	0.21653	0.450021	-2.22212	0.116005	0.350329	-2.85446	0.333021	0.541654	-1.8462	0.00447486	0.0975418	-10.252	0.0153174	0.16077	-6.22005	0.0275145	0.201775	-4.95603	3.82102	22.8146	5.30738	1
cg04120329	PRAP1;PRAP1	0.000653516	0.489693	1.31528	1.31528	0.0230788	0.346067	-2.88962	0.00190216	0.179418	-5.57359	0.0197956	0.333235	-3.00089	0.00103478	0.149891	-6.67153	0.811266	0.910806	-1.09793	2.24E-05	0.0361394	-27.6706	0.939834	1.02992	1.02992	0.0890842	0.480806	-2.07984	13.2636	32.0388	2.14715	1
cg02212855	PRAP1;PRAP1	0.0122272	0.0122707	0.171867	-5.81845	0.000952731	0.0620421	-16.1181	0.0309895	0.239362	-4.17777	0.449567	0.64726	-1.54497	0.0142889	0.181641	-5.50537	0.114415	0.379315	-2.63633	0.0115256	0.16798	-5.9531	0.0636496	0.308151	-3.24516	0.0313945	0.240459	-4.15871	5.53966	27.9642	4.48712	1
cg10742801	PRAP1;PRAP1	0.0338082	0.0588934	0.416519	-2.40085	0.00211552	0.16965	-5.89449	0.0390485	0.375085	-2.66606	0.507786	0.758935	-1.31764	0.179109	0.556602	-1.79661	0.208304	0.580079	-1.7239	0.0144706	0.290247	-3.44534	0.034968	0.364661	-2.74227	0.364606	0.682182	-1.46589	3.91582	10.4523	2.37267	1
cg25504749	PRAP1;PRAP1	0.0413077	0.0938383	0.345171	-2.89712	0.0503646	0.275876	-3.62482	0.0273712	0.221587	-4.5129	0.489733	0.666908	-1.49946	0.0209613	0.20115	-4.97142	0.190613	0.449259	-2.22589	0.00311281	0.0968403	-10.3263	0.0686273	0.308278	-3.24383	0.172908	0.43284	-2.31032	3.63966	19.2145	4.69263	1
cg27345534	PRB1;PRB1;PRB1	0.0062589	0.00240802	0.232936	-4.29302	0.0438176	0.44996	-2.22242	0.00472954	0.274333	-3.6452	0.0849822	0.518677	-1.92798	0.00407692	0.264828	-3.77604	0.0182334	0.372403	-2.68526	0.0107215	0.331125	-3.02001	0.0103801	0.328729	-3.04202	0.00415784	0.266072	-3.75837	6.84913	12.8862	1.67239	1
cg00031556	PRB1;PRB1;PRB1	0.00955745	0.0139227	0.141002	-7.0921	0.00197017	0.0596006	-16.7783	0.0256656	0.181035	-5.52381	0.0308151	0.194887	-5.13118	0.00341572	0.0768886	-13.0058	0.266107	0.473685	-2.11111	0.933948	0.947953	-1.05491	0.338758	0.529486	-1.88862	0.00493792	0.0906443	-11.0321	5.99666	39.4911	5.85378	1
cg23372297	PRB2	0.000352612	0.000214216	0.14615	-6.8423	0.00826987	0.34972	-2.85943	0.00300294	0.281948	-3.54675	0.000626367	0.194722	-5.13552	0.000679594	0.198774	-5.03085	8.82E-05	0.112393	-8.89732	0.00187294	0.253543	-3.94411	0.00431126	0.305033	-3.27834	0.000918293	0.214177	-4.66904	15.7371	24.1253	1.36269	1
cg24891312	PRB2	0.0021278	0.000279997	0.0597185	-16.7452	0.0175841	0.254055	-3.93615	0.00858788	0.203956	-4.90302	0.00884976	0.205878	-4.85725	0.00151501	0.114546	-8.73011	0.00157584	0.116161	-8.60877	0.0139018	0.236607	-4.22642	0.0153244	0.243713	-4.10318	0.0117142	0.22454	-4.45355	9.46922	33.7372	3.16696	1
cg20480899	PRB2	0.00336198	0.000589376	0.0284388	-35.1632	0.861495	0.88949	-1.12424	0.0211616	0.155877	-6.41531	0.0884359	0.283512	-3.52718	0.00132606	0.0436737	-22.8971	0.0557507	0.233756	-4.27797	0.00225633	0.0569063	-17.5727	0.0135259	0.128775	-7.76547	0.0066081	0.0939907	-10.6393	8.27271	58.9193	6.33078	1
cg25373614	PRB2	0.0216703	0.0030711	0.26724	-3.74196	0.657361	0.864734	-1.15642	0.0222762	0.409907	-2.43958	0.327761	1.38941	1.38941	0.213998	0.653148	-1.53105	0.0148956	0.377214	-2.65102	0.716294	1.12617	1.12617	0.616995	0.848613	-1.17839	0.0148005	0.376711	-2.65456	4.57757	7.68399	1.4921	1
cg25705255	PRB3	0.00166192	0.000414394	0.121404	-8.23694	0.0362645	0.399984	-2.5001	0.0103452	0.296501	-3.37267	0.110444	0.519597	-1.92457	0.000627353	0.138223	-7.23468	0.000409541	0.120948	-8.268	0.0440076	0.418507	-2.38944	0.0177535	0.337892	-2.95953	0.00548825	0.253033	-3.95206	10.1742	22.8266	1.99428	1
cg00052903	PRB3	0.00447901	0.0170805	0.232138	-4.30778	0.00460553	0.150443	-6.64705	0.00771481	0.179179	-5.581	0.677182	0.81034	-1.23405	0.000506153	0.0652327	-15.3297	0.0426814	0.309725	-3.22867	0.020092	0.244456	-4.09072	0.00979986	0.193932	-5.15645	0.00563553	0.161209	-6.20313	7.58848	30.3251	3.55218	1
cg20245751	PRB3	0.00718443	0.000378877	0.0429444	-23.2859	0.411955	0.628127	-1.59203	0.0134913	0.183563	-5.44773	0.681902	1.25664	1.25664	0.821542	0.882291	-1.13341	0.893107	1.07737	1.07737	0.0163519	0.19652	-5.08854	0.65664	0.780347	-1.28148	0.00551823	0.132406	-7.55254	6.56165	31.9317	4.3257	1
cg14273883	PRB3	0.00745972	0.00545744	0.254398	-3.93084	0.037559	0.405102	-2.46852	0.00894524	0.287849	-3.47405	0.0298926	0.384087	-2.60358	0.00175219	0.188196	-5.3136	0.0640754	0.458711	-2.18002	0.00747615	0.275348	-3.63177	0.100448	0.509696	-1.96195	0.00332412	0.223777	-4.46874	6.48494	14.4055	1.97456	1
cg12801863	PRB3	0.0223217	0.0111999	0.409772	-2.44038	0.763758	0.918873	-1.08829	0.0106711	0.406173	-2.462	0.908285	0.96817	-1.03288	0.154787	0.652172	-1.53334	0.0498807	0.533774	-1.87345	0.157895	0.654546	-1.52778	0.173763	0.666172	-1.50111	0.00163857	0.282	-3.5461	4.5313	5.65431	1.10919	1
cg11503711	PRB4	2.66E-05	4.72E-06	0.0577522	-17.3153	0.000248078	0.212035	-4.71621	5.54E-05	0.140144	-7.1355	0.000223618	0.206551	-4.84142	7.12E-06	0.0683996	-14.62	4.20E-05	0.128583	-7.77705	0.000536745	0.255038	-3.92099	0.00183375	0.33121	-3.01923	8.83E-05	0.160773	-6.21995	42.9612	36.97	0.669312	1
cg22692158	PRB4	0.000173974	0.273941	0.740217	-1.35095	0.985977	0.995367	-1.00465	0.120579	0.640908	-1.56029	5.20E-05	0.135389	-7.38614	7.49E-05	0.149585	-6.68517	0.0148244	0.452893	-2.20803	7.71E-05	0.15075	-6.63349	0.239022	0.721934	-1.38517	0.000193415	0.190537	-5.24833	19.0779	21.0956	0.982901	1
cg13661350	PRB4	0.00214278	0.000922448	0.133923	-7.46696	0.00257687	0.183171	-5.45937	0.011042	0.273941	-3.65041	0.0332123	0.363783	-2.74889	0.000504974	0.109887	-9.10027	0.0220915	0.327952	-3.04923	0.00138272	0.152025	-6.57789	0.164167	0.547171	-1.82758	0.00819552	0.253053	-3.95174	9.44983	24.6956	2.32296	1
cg20522598	PRB4	0.00258908	0.0111384	0.470439	-2.12567	0.020644	0.516559	-1.93589	0.514223	0.854911	-1.16971	0.00126386	0.327858	-3.0501	0.00265945	0.373482	-2.67751	0.101397	1.52968	1.52968	0.00107723	0.318453	-3.14018	0.936477	0.981287	-1.01907	0.0111826	0.470726	-2.12438	8.93937	7.9516	0.790669	1
cg09679558	PRB4	0.00822631	0.01397	0.226954	-4.40618	0.146145	2.14283	2.14283	0.0239827	0.268332	-3.72672	0.11091	0.428079	-2.33602	0.00154791	0.108194	-9.24264	0.0195879	0.252121	-3.96635	0.979448	1.01266	1.01266	0.149067	0.469606	-2.12945	0.00485888	0.16135	-6.19769	6.28865	23.7681	3.35958	1
cg05564953	PRC1;PRC1;PRC1	0.000958581	0.983394	0.996998	-1.00301	0.024612	0.679284	-1.47214	0.0299743	1.44613	1.44613	0.0120581	0.636169	-1.57191	0.000125651	0.380995	-2.62471	0.273254	1.17908	1.17908	0.308427	1.16452	1.16452	0.364419	1.14414	1.14414	0.000652373	0.470002	-2.12765	11.9084	3.93674	0.293853	1
cg23887623	PRC1;PRC1;PRC1	0.00139753	0.0031819	0.551106	-1.81453	0.0197427	1.51656	1.51656	0.0115457	1.59552	1.59552	0.000171375	0.388846	-2.57171	0.082575	0.752479	-1.32894	0.210927	0.822865	-1.21527	0.905423	1.01774	1.01774	0.370091	0.872718	-1.14585	0.0253426	0.674896	-1.48171	10.6949	3.70568	0.307991	1
cg14398957	PRC1;PRC1;PRC1	0.00566352	0.0111712	0.276938	-3.61091	0.108034	0.492643	-2.02987	0.00205495	0.173203	-5.77357	0.0389861	0.381055	-2.62429	0.375688	0.692757	-1.44351	0.0220467	0.33	-3.0303	0.000718406	0.125113	-7.9928	0.0078784	0.252489	-3.96056	0.0108422	0.274775	-3.63934	7.06367	18.2371	2.29495	1
cg25237056	PRC1;PRC1;PRC1	0.00861267	?	?	?	0.0226394	0.499904	-2.00038	0.0103014	2.31245	2.31245	0.0470623	0.567104	-1.76334	0.00254023	0.322958	-3.09638	0.0373697	1.83356	1.83356	0.921056	0.976748	-1.02381	0.674697	1.10559	1.10559	0.522571	0.856817	-1.16711	8.58591	6.48305	0.56631	1
cg26181196	PRC1;PRC1;PRC1	0.0110673	0.053705	0.782003	-1.27877	0.00120369	0.587207	-1.70298	0.11746	0.82625	-1.21029	0.21485	1.15784	1.15784	0.729475	1.03974	1.03974	0.00831536	1.4603	1.4603	0.511752	1.07756	1.07756	0.526913	0.930567	-1.07461	0.667097	0.952588	-1.04977	5.72127	1.14166	0.177374	1
cg15878949	PRC1;PRC1;PRC1	0.0337446	0.01336	0.354413	-2.82157	0.0248261	0.404868	-2.46994	0.614483	0.842054	-1.18757	0.362295	0.728367	-1.37293	0.0110698	0.340131	-2.94004	0.0565147	0.481523	-2.07674	0.0158877	0.36798	-2.71754	0.199509	0.632029	-1.5822	0.0172182	0.374414	-2.67084	3.91848	7.11055	1.613	1
cg14991358	PRCC;PRCC	0.000966961	0.750137	1.13626	1.13626	0.000668344	8.01708	8.01708	0.000612563	8.24745	8.24745	0.22084	1.67296	1.67296	0.707968	0.860322	-1.16236	0.0181264	3.14976	3.14976	0.00125958	6.56935	6.56935	0.00015367	13.3832	13.3832	0.0864517	2.13234	2.13234	11.8791	30.0745	2.25041	1
cg08913261	PRCC;PRCC	0.0060057	0.748051	1.08981	1.08981	0.0664149	0.577335	-1.7321	0.0926219	0.610283	-1.63858	0.000405683	0.223174	-4.4808	0.0266219	0.496023	-2.01604	0.164011	1.48629	1.48629	0.770088	0.924778	-1.08134	0.0748135	1.69812	1.69812	0.0221861	0.481105	-2.07855	6.93713	7.82338	1.00245	1
cg11588596	PRCC;PRCC	0.00600886	0.313606	1.06712	1.06712	0.00267405	1.29538	1.29538	0.0129352	1.21205	1.21205	0.0348787	1.16564	1.16564	0.0115639	1.21753	1.21753	0.0233579	0.844598	-1.184	0.129833	0.903031	-1.10738	0.0662715	1.13701	1.13701	0.0424282	1.15682	1.15682	6.936	0.426818	0.0546992	1
cg00692559	PRCC;PRCC	0.00965123	0.170269	1.15142	1.15142	0.016945	0.754902	-1.32467	0.137	0.856724	-1.16724	0.199163	1.13993	1.13993	0.0840776	1.20265	1.20265	0.183599	1.14591	1.14591	0.00113137	0.629722	-1.588	0.126894	0.852665	-1.17279	0.323398	0.906227	-1.10348	5.97802	0.882395	0.131206	1
cg07313589	PRCC;PRCC	0.0310842	0.104783	0.74165	-1.34835	0.680849	0.932652	-1.07221	0.968043	0.993269	-1.00678	0.424884	1.14727	1.14727	0.724416	1.06149	1.06149	0.0316524	1.52918	1.52918	0.00211225	0.482533	-2.0724	0.151833	0.771944	-1.29543	0.396118	0.863722	-1.15778	4.03552	1.81656	0.400128	1
cg13235992	PRCC;PRCC	0.0388563	0.175344	0.815256	-1.22661	0.282543	0.853629	-1.17147	0.00839522	0.620529	-1.61153	0.841855	0.972085	-1.02872	0.187377	1.219	1.219	0.934979	1.01163	1.01163	0.823421	1.03218	1.03218	0.0717554	1.32966	1.32966	0.0217818	1.47733	1.47733	3.72262	1.18422	0.282769	1
cg05875982	PRCD	0.00389049	0.00102522	4.84345	4.84345	0.686127	0.876608	-1.14076	0.671782	1.14815	1.14815	0.463384	1.27373	1.27373	0.321334	0.717394	-1.39394	0.41572	0.763643	-1.30951	0.000316502	6.62733	6.62733	0.858593	0.943829	-1.05951	0.0179587	2.53991	2.53991	7.91842	13.178	1.47931	1
cg07267550	PRCD	0.00565189	0.439889	0.575904	-1.7364	0.00142206	25.372	25.372	0.219124	2.47273	2.47273	0.399667	0.546635	-1.82937	0.00208639	0.0481127	-20.7845	0.957166	0.963073	-1.03834	0.952796	0.959379	-1.04234	0.008413	0.0946426	-10.5661	0.60919	0.696841	-1.43505	7.06814	54.9335	6.90843	1
cg00538923	PRCD	0.0119639	0.257262	0.60459	-1.65401	0.00179746	6.62014	6.62014	0.0182139	3.38733	3.38733	0.0134034	3.68171	3.68171	0.218984	0.576821	-1.73364	0.0761988	2.31566	2.31566	0.483039	1.35446	1.35446	0.0258099	3.08496	3.08496	0.103393	2.13427	2.13427	5.57894	16.0054	2.55013	1
cg17644896	PRCP;PRCP	0.00206769	0.232555	0.796503	-1.25549	0.833005	1.03912	1.03912	0.000405747	0.360062	-2.7773	0.50911	0.885392	-1.12944	0.000424365	0.362561	-2.75815	0.0384479	0.6467	-1.54631	0.4673	1.14388	1.14388	0.0550954	0.673504	-1.48477	0.001208	0.422524	-2.36673	9.54877	4.99543	0.465021	1
cg24116687	PRDM1	0.000794011	8.19E-05	0.0308	-32.4676	0.0111045	0.209994	-4.76205	0.0036151	0.14506	-6.89369	0.0285248	0.281748	-3.54928	0.000872456	0.0865052	-11.56	0.00107895	0.0938416	-10.6563	0.0709405	0.37197	-2.68839	0.175232	0.4933	-2.02716	0.000604904	0.0748881	-13.3533	12.5586	47.7893	3.38249	1
cg19064302	PRDM1	0.00145471	0.000310594	0.151098	-6.61823	0.0383864	0.46071	-2.17057	0.00196225	0.243264	-4.11077	0.00632915	0.31717	-3.15288	0.00252989	0.258213	-3.87278	0.00537164	0.306021	-3.26775	0.000605876	0.181319	-5.51514	0.356055	0.735919	-1.35885	0.0070601	0.324754	-3.07926	10.5724	17.4707	1.46887	1
cg26351406	PRDM1	0.00223956	0.0100671	1.79008	1.79008	0.240151	0.802127	-1.24668	0.293734	0.822625	-1.21562	0.391075	0.854238	-1.17063	0.469283	1.1411	1.1411	0.904019	1.02186	1.02186	0.000108758	0.294504	-3.39554	0.0144256	1.71698	1.71698	0.328236	1.19832	1.19832	9.32849	4.74859	0.452481	1
cg24040346	PRDM1	0.0130422	0.00204625	6.66563	6.66563	0.289414	1.61611	1.61611	0.354042	1.51624	1.51624	0.85527	0.923391	-1.08297	0.792742	0.89141	-1.12182	0.0504654	2.64628	2.64628	0.66624	0.827436	-1.20855	0.000922882	8.67441	8.67441	0.42969	1.42177	1.42177	5.4244	16.3707	2.68264	1
cg00555933	PRDM1	0.0254057	0.419454	0.712888	-1.40275	0.00421124	4.81783	4.81783	0.00566908	4.43234	4.43234	0.606972	1.23722	1.23722	0.734706	1.14975	1.14975	0.748872	0.876544	-1.14084	0.534837	1.29416	1.29416	0.00987872	3.80948	3.80948	0.766966	1.12966	1.12966	4.33288	11.55	2.36947	1
cg05170275	PRDM1	0.0372293	0.981234	1.0066	1.0066	0.0212369	2.17082	2.17082	0.0478731	1.88342	1.88342	0.851213	1.05396	1.05396	0.2264	0.70083	-1.42688	0.277691	1.37155	1.37155	0.127512	0.630522	-1.58599	0.00605561	2.7272	2.7272	0.300129	1.35055	1.35055	3.78133	4.691	1.10273	1
cg09036621	PRDM10;PRDM10	0.00792549	0.122516	0.744667	-1.34288	0.00683105	0.539407	-1.85389	0.993257	1.00149	1.00149	0.0470838	1.49232	1.49232	0.00142983	2.25353	2.25353	0.676777	1.07665	1.07665	0.0781516	1.41169	1.41169	0.111579	0.736898	-1.35704	0.729352	0.940645	-1.0631	6.36285	3.12766	0.436933	1
cg12409074	PRDM10;PRDM10	0.0319427	0.0327187	0.44826	-2.23085	0.678523	1.13959	1.13959	0.293554	1.40945	1.40945	0.832316	0.93573	-1.06868	0.0120222	0.361785	-2.76407	0.252593	0.686034	-1.45765	0.0141184	0.374797	-2.66811	0.217191	1.50663	1.50663	0.0256704	0.426053	-2.34713	4.39281	6.68219	1.18313	1
cg07003579	PRDM10;PRDM10;NCRNA00167	0.00087671	0.0201901	0.742637	-1.34655	0.443803	1.08646	1.08646	0.00223015	0.634511	-1.57602	0.073653	0.809121	-1.23591	0.815976	0.975543	-1.02507	0.00337717	0.65481	-1.52716	0.000345728	0.542517	-1.84326	0.0653371	1.24575	1.24575	0.00282907	1.54762	1.54762	12.2128	2.18212	0.158822	1
cg12284171	PRDM10;PRDM10;PRDM10;PRDM10	0.012599	0.929482	0.985233	-1.01499	0.000683467	0.418104	-2.39175	0.42496	0.872017	-1.14677	0.514543	0.894858	-1.1175	0.106581	0.743667	-1.34469	0.699499	0.936888	-1.06736	0.0116557	1.69871	1.69871	0.218032	1.24332	1.24332	0.708586	0.938845	-1.06514	5.48594	2.45451	0.397706	1
cg20873801	PRDM10;PRDM10;PRDM10;PRDM10	0.0130594	0.0343354	0.542586	-1.84303	0.207337	0.71941	-1.39003	0.334938	0.781704	-1.27926	0.306252	0.769239	-1.29999	0.00353198	0.375492	-2.66317	0.000887097	0.29129	-3.433	0.152335	0.684045	-1.46189	0.0658112	0.599734	-1.6674	0.0113812	0.456294	-2.19157	5.42206	5.26756	0.86356	1
cg13990976	PRDM10;PRDM10;PRDM10;PRDM10	0.0133669	0.847643	1.08344	1.08344	0.912871	0.955421	-1.04666	0.670351	0.836606	-1.19531	0.479752	1.34895	1.34895	0.00022765	0.0778855	-12.8394	0.896242	1.05587	1.05587	0.262738	1.62662	1.62662	0.374803	0.684176	-1.46161	0.0966135	0.467668	-2.13827	5.38095	14.7943	2.4439	1
cg05471949	PRDM10;PRDM10;PRDM10;PRDM10	0.0206042	0.60298	1.10512	1.10512	0.345548	0.831072	-1.20327	0.114214	1.38717	1.38717	0.0369313	0.630293	-1.58656	0.0544305	0.659892	-1.5154	0.0644009	0.673166	-1.48552	0.0375775	1.58331	1.58331	0.0357111	1.59289	1.59289	0.0564717	1.50881	1.50881	4.65716	2.676	0.510755	1
cg13408712	PRDM10;PRDM10;PRDM10;PRDM10	0.0288526	0.085779	0.75791	-1.31942	0.0205868	1.50253	1.50253	0.0523398	1.38007	1.38007	0.953573	1.00854	1.00854	0.707577	0.946476	-1.05655	0.260975	1.18666	1.18666	0.0106539	1.59796	1.59796	0.575179	0.920664	-1.08617	0.0656804	0.739686	-1.35192	4.14369	1.39853	0.300008	1
cg16983588	PRDM10;PRDM10;PRDM10;PRDM10	0.0299983	0.0580924	0.176958	-5.65106	0.139682	3.61492	3.61492	0.727729	1.32658	1.32658	0.586782	0.641641	-1.5585	0.0140082	0.0860186	-11.6254	0.596543	0.649225	-1.5403	0.00618947	0.0557677	-17.9315	0.0232143	0.111475	-8.97062	0.185111	0.320997	-3.11529	4.08692	42.3167	9.20373	1
cg10869401	PRDM10;PRDM10;PRDM10;PRDM10	0.0335395	0.188816	0.781555	-1.2795	0.914618	0.981193	-1.01917	0.665807	0.925956	-1.07996	0.9012	0.978252	-1.02223	0.0530956	0.677681	-1.47562	0.0510388	0.674744	-1.48204	0.087953	1.39567	1.39567	0.00588228	1.89285	1.89285	0.213428	0.79299	-1.26105	3.92709	1.94929	0.441219	1
cg22345428	PRDM10;PRDM10;PRDM10;PRDM10	0.0454091	0.023248	0.185445	-5.39245	0.0812507	0.301001	-3.32225	0.0315383	0.208795	-4.78938	0.221031	0.449706	-2.22367	0.0188047	0.17065	-5.85995	0.102424	0.329488	-3.03501	0.00959165	0.130398	-7.66885	0.3372	0.540834	-1.84899	0.0283639	0.200378	-4.99056	3.51359	21.4735	5.4325	1
cg14082919	PRDM10;PRDM10;PRDM10;PRDM10	0.0458722	0.957831	0.972292	-1.0285	0.207343	0.493317	-2.0271	0.526879	0.711258	-1.40596	0.650882	1.27392	1.27392	0.00118023	0.0797788	-12.5347	0.881886	1.08221	1.08221	0.183844	2.11543	2.11543	0.925296	0.951382	-1.0511	0.215584	0.500253	-1.99899	3.50024	15.6554	3.9757	1
cg14044577	PRDM11	0.0178382	0.851637	0.970711	-1.03017	0.00364461	1.86718	1.86718	0.018893	1.5767	1.5767	0.0397139	1.45873	1.45873	7.60E-06	0.209789	-4.7667	0.00587183	0.564147	-1.77259	0.166513	1.26391	1.26391	0.109489	1.31923	1.31923	0.730062	0.946492	-1.05653	18.9492	7.56504	0.354869	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08479635	PRDM11	0.00216074	0.00810711	0.705444	-1.41755	0.00388013	0.670108	-1.4923	0.000268164	0.540376	-1.85056	0.00394473	0.6709	-1.49053	0.00373219	0.668244	-1.49646
cg22063720	PRDM11	0.00360692	0.129685	1.37298	1.37298	0.000980714	2.58325	2.58325	0.00120295	2.50541	2.50541	0.913041	0.979071	-1.02138	0.0442106	0.639182	-1.5645
cg02964359	PRDM11	0.00969638	0.470067	0.910417	-1.0984	0.00102865	0.537295	-1.86118	0.0241337	0.709345	-1.40975	0.209399	0.844541	-1.18408	0.0121867	1.49023	1.49023
cg09272217	PRDM11	0.0107891	0.0397847	1.2792	1.2792	0.00141469	0.619654	-1.6138	0.0222743	0.752931	-1.32814	0.0677807	1.23608	1.23608	0.601617	1.05608	1.05608
cg23116180	PRDM11	0.013775	0.0557308	1.58705	1.58705	0.0445281	1.63488	1.63488	0.00179676	2.57623	2.57623	0.128444	1.41926	1.41926	0.00268926	2.4201	2.4201
cg24904788	PRDM11	0.018844	0.533444	0.788508	-1.26822	0.0468961	0.424437	-2.35606	0.00175535	0.186442	-5.36359	0.0523461	0.435494	-2.29624	0.0142012	0.319919	-3.12579
cg13300710	PRDM11	0.0230113	0.0953531	0.738979	-1.35322	0.0182875	1.60448	1.60448	0.114061	0.752933	-1.32814	0.378133	0.861329	-1.161	0.0312845	0.658955	-1.51755
cg13448468	PRDM11	0.023548	0.968098	1.0068	1.0068	0.00210456	2.08134	2.08134	0.441729	1.14219	1.14219	0.0297283	1.54282	1.54282	0.0847198	0.723877	-1.38145
cg00417304	PRDM11	0.0292132	0.671971	0.851498	-1.1744	0.0169114	3.00337	3.00337	0.294857	0.663621	-1.50688	0.0488195	0.427761	-2.33775	0.546951	0.794482	-1.25868
cg12913167	PRDM11	0.0358526	0.0356906	0.347096	-2.88105	0.570297	0.780119	-1.28185	0.0470562	0.373892	-2.67457	0.100519	0.458976	-2.17876	0.00854149	0.233981	-4.27385
cg22731637	PRDM11	0.0408091	0.351383	0.642486	-1.55645	0.550948	0.757064	-1.32089	0.0611381	2.64682	2.64682	0.985106	0.991426	-1.00865	0.111929	0.450013	-2.22216
cg06095065	PRDM11	0.0479273	0.38337	0.74953	-1.33417	0.011377	2.77838	2.77838	0.090335	1.8257	1.8257	0.125105	0.585409	-1.70821	0.0426686	0.471118	-2.12261
cg03470671	PRDM11;PRDM11	0.00337964	0.524767	0.797184	-1.25442	0.00818792	0.304244	-3.28684	0.0087222	0.308737	-3.239	0.32784	0.701025	-1.42648	0.00203176	0.216511	-4.61871
cg13795948	PRDM12	0.000496124	0.0132483	0.52985	-1.88733	0.264919	1.27175	1.27175	0.00979716	1.96531	1.96531	0.503573	0.868973	-1.15078	0.00013535	3.92439	3.92439
cg13500797	PRDM12	0.00511863	0.686265	1.2429	1.2429	0.025502	4.54584	4.54584	0.362676	0.603503	-1.65699	0.988287	0.992185	-1.00788	?	?	?
cg14161705	PRDM12	0.00512399	0.0154153	0.520989	-1.91943	0.00745445	0.469657	-2.12921	0.00234116	0.393906	-2.53868	0.465026	0.849518	-1.17714	0.00648509	0.460174	-2.17309
cg08924374	PRDM12	0.0104607	0.752784	0.948528	-1.05427	0.000456231	2.51777	2.51777	0.402791	1.15395	1.15395	0.244238	1.22598	1.22598	0.204984	1.25064	1.25064
cg15700165	PRDM12	0.0187801	0.00140565	1.7841	1.7841	0.844662	0.975744	-1.02486	0.835445	0.974299	-1.02638	0.592201	1.07003	1.07003	0.458487	1.0991	1.0991
cg12539975	PRDM12	0.0329224	0.00130906	0.306521	-3.26242	0.0557563	0.578244	-1.72937	0.0457859	0.56064	-1.78368	0.229724	0.727241	-1.37506	0.290613	0.757927	-1.31939
cg17879189	PRDM13	4.64E-07	3.10E-05	0.371968	-2.6884	0.029355	1.36642	1.36642	0.190083	1.18391	1.18391	1.69E-07	7.14791	7.14791	0.00240498	1.67255	1.67255
cg06035531	PRDM13	4.86E-06	0.017737	0.709595	-1.40925	0.0891894	0.800111	-1.24983	1.31E-06	4.37189	4.37189	0.227686	0.860138	-1.1626	0.0160822	0.704354	-1.41974
cg26507427	PRDM13	1.56E-05	0.923429	1.01632	1.01632	0.083511	0.724285	-1.38067	0.107032	1.34482	1.34482	0.000152007	2.98689	2.98689	0.118714	1.33	1.33
cg24688826	PRDM13	9.50E-05	6.40E-05	3.32087	3.32087	0.710548	1.06275	1.06275	6.06E-05	3.35113	3.35113	0.512348	0.897191	-1.11459	0.328677	0.848238	-1.17892
cg13000912	PRDM13	0.000131216	0.400247	1.18105	1.18105	0.186347	1.31093	1.31093	2.43E-06	9.12321	9.12321	0.815935	1.04609	1.04609	0.771648	1.05785	1.05785
cg02400433	PRDM13	0.000175612	0.633317	0.927055	-1.07868	0.03087	1.49106	1.49106	2.55E-05	3.72991	3.72991	0.397989	1.14612	1.14612	0.717647	0.944379	-1.0589
cg19391276	PRDM13	0.000306619	0.18419	0.387701	-2.57931	0.228067	0.426987	-2.34199	0.000154322	78.3631	78.3631	0.201166	0.403321	-2.47941	?	?	?
cg24336089	PRDM13	0.000367864	0.570678	1.10031	1.10031	0.00409332	0.525931	-1.90139	8.60E-06	5.02223	5.02223	0.758592	1.05277	1.05277	0.360754	1.16967	1.16967
cg26122626	PRDM13	0.000674448	0.0127437	0.561506	-1.78092	0.000256509	3.07248	3.07248	0.00332571	0.47455	-2.10726	0.543133	0.891563	-1.12163	0.0315965	0.624996	-1.60001
cg18924324	PRDM13	0.000679757	0.242406	1.8845	1.8845	0.345662	0.606482	-1.64885	0.000447067	29.5767	29.5767	?	?	?	0.948265	0.967481	-1.03361
cg21789674	PRDM13	0.000741044	0.941909	0.980492	-1.0199	0.787635	0.929611	-1.07572	1.19E-05	12.2408	12.2408	0.202118	0.694843	-1.43917	0.860021	0.953405	-1.04887
cg15725440	PRDM13	0.000752997	0.00795591	0.242506	-4.12361	0.074265	0.436849	-2.28912	0.0020434	6.10945	6.10945	0.0850098	2.20997	2.20997	0.00321802	0.187497	-5.33341
cg11809464	PRDM13	0.000770538	0.00207811	0.508782	-1.96548	0.000937149	0.463153	-2.15911	0.655054	0.932296	-1.07262	0.887622	1.02229	1.02229	0.032641	0.677202	-1.47667
cg17302155	PRDM13	0.000861826	0.01769	10.3262	10.3262	0.823022	0.834206	-1.19874	0.00121694	46.1212	46.1212	0.903921	1.10265	1.10265	0.274809	0.398739	-2.50791
cg12227907	PRDM13	0.00101286	0.324321	0.73702	-1.35682	0.0573193	0.524875	-1.90522	0.000184434	6.6464	6.6464	0.169012	0.644491	-1.55161	0.043672	0.498965	-2.00415
cg23783695	PRDM13	0.0010169	0.621452	0.793538	-1.26018	0.873214	0.928489	-1.07702	0.00378298	6.14225	6.14225	0.0630768	2.64152	2.64152	0.208549	0.540126	-1.85142
cg27125972	PRDM13	0.00122778	0.147332	0.327789	-3.05075	0.377457	1.91486	1.91486	0.00755796	11.7656	11.7656	0.952743	1.04343	1.04343	5.18E-05	0.00437592	-228.524
cg01233934	PRDM13	0.0016552	0.0109456	0.142019	-7.04131	0.000120134	0.016428	-60.8718	0.35095	1.79817	1.79817	0.399891	1.69336	1.69336	0.0210312	0.183325	-5.45479
cg01815538	PRDM13	0.0037782	0.496232	0.815353	-1.22646	0.399949	1.28994	1.28994	0.367845	1.31431	1.31431	0.00307779	3.31087	3.31087	0.495847	1.22669	1.22669
cg25924096	PRDM13	0.00441454	0.133663	0.625977	-1.5975	0.219183	0.687851	-1.4538	0.339851	0.752123	-1.32957	0.449382	1.25009	1.25009	0.991734	0.997005	-1.003
cg06095270	PRDM13	0.00494418	0.559965	0.717784	-1.39318	0.45486	0.65166	-1.53454	0.0137125	5.55408	5.55408	0.536541	1.42202	1.42202	0.318699	0.560037	-1.7856
cg05904869	PRDM13	0.00571909	0.0343329	0.379167	-2.63736	0.046989	0.409362	-2.44283	0.0021047	5.46848	5.46848	0.0925129	2.06944	2.06944	0.0172997	0.320161	-3.12343
cg21146592	PRDM13	0.00705228	0.174255	0.423165	-2.36315	0.607275	0.734564	-1.36135	0.00416753	9.82337	9.82337	0.651183	0.762752	-1.31104	0.254243	0.492437	-2.03072
cg19223299	PRDM13	0.00823087	0.839021	1.19092	1.19092	0.46899	1.88297	1.88297	0.000666401	87.7277	87.7277	0.73379	1.34075	1.34075	0.629017	0.658254	-1.51917
cg21160099	PRDM13	0.00936579	0.621018	0.684921	-1.46002	0.0764788	0.223923	-4.46582	0.0615018	4.95095	4.95095	0.511216	0.602905	-1.65864	0.088224	0.239661	-4.17256
cg03365733	PRDM13	0.0105009	0.694078	0.840827	-1.18931	0.157356	1.94093	1.94093	0.00232847	6.45338	6.45338	0.526572	0.754722	-1.32499	0.268538	0.603257	-1.65767
cg18900649	PRDM13	0.012178	0.196628	0.288977	-3.46048	0.546326	1.74222	1.74222	0.00318812	38.9296	38.9296	0.166714	3.82156	3.82156	0.333717	0.403881	-2.47597
cg17978124	PRDM13	0.0150167	0.0252573	0.220682	-4.53142	0.322488	0.559646	-1.78684	0.00881911	6.6451	6.6451	0.649665	1.29657	1.29657	0.0236787	0.215662	-4.63689
cg03120185	PRDM13	0.01985	0.0731924	0.311556	-3.20969	0.0148793	5.74465	5.74465	0.00947814	6.81143	6.81143	0.598631	0.733435	-1.36345	0.250268	0.495982	-2.0162
cg01422797	PRDM13	0.0220991	0.451098	1.63568	1.63568	0.32026	1.93124	1.93124	0.0149146	6.8115	6.8115	0.999536	0.999628	-1.00037	0.951104	1.04008	1.04008
cg08933939	PRDM13	0.0254544	0.877113	0.882383	-1.13329	0.917281	0.919424	-1.08764	0.0108479	13.289	13.289	0.428137	1.92353	1.92353	0.824042	0.835204	-1.19731
cg16377881	PRDM13	0.028325	0.537028	0.575952	-1.73625	0.593524	1.60884	1.60884	0.0131647	15.0777	15.0777	0.513062	1.79588	1.79588	0.443502	0.501782	-1.9929
cg04974062	PRDM13	0.0296269	0.219208	3.44723	3.44723	0.42332	2.18864	2.18864	0.00998219	22.5567	22.5567	0.130273	4.78369	4.78369	0.616314	0.616382	-1.62237
cg25051341	PRDM13	0.0307628	0.926918	0.90367	-1.1066	0.504503	0.473425	-2.11227	0.0178041	24.0684	24.0684	0.348297	2.9041	2.9041	0.455818	0.432315	-2.31313
cg01944958	PRDM13	0.0317042	0.442005	0.638936	-1.5651	0.639106	0.763463	-1.30982	0.00516299	8.2488	8.2488	0.97772	0.984169	-1.01609	0.576329	0.724293	-1.38066
cg13738144	PRDM13;PRDM13	7.25E-07	0.614904	0.919465	-1.08759	1.43E-05	4.46447	4.46447	0.168972	1.27453	1.27453	1.34E-05	4.51903	4.51903	0.499232	0.892673	-1.12023
cg14344102	PRDM13;PRDM13	0.00742722	0.668855	0.894052	-1.1185	0.92898	0.977064	-1.02347	0.645613	1.12809	1.12809	0.865877	1.04498	1.04498	0.143331	1.50582	1.50582
cg14774755	PRDM14	0.000141168	0.153596	0.649547	-1.53953	0.032854	0.494147	-2.02369	0.000120447	0.149908	-6.67075	0.000157903	0.161208	-6.20318	0.00398238	0.335118	-2.98402
cg08190913	PRDM14	0.000165257	0.51564	0.814332	-1.228	0.622739	1.16708	1.16708	0.000393663	0.172177	-5.80799	0.0206403	0.419569	-2.3834	0.0239606	0.432029	-2.31466
cg18512336	PRDM14	0.000321646	0.637267	0.899243	-1.11205	0.350069	0.806479	-1.23996	6.10E-05	0.191145	-5.23163	0.569852	0.879484	-1.13703	0.163476	1.39451	1.39451
cg19518104	PRDM14	0.000996885	0.976666	1.01616	1.01616	0.250313	0.517765	-1.93138	0.00109454	0.0714391	-13.9979	0.000188176	0.0316877	-31.558	0.694845	0.805715	-1.24113
cg18570392	PRDM14	0.00140737	0.431866	0.746674	-1.33927	0.401531	0.731485	-1.36708	0.000558399	0.142358	-7.02455	0.00582938	0.268532	-3.72394	0.128151	0.549392	-1.82019
cg14642381	PRDM14	0.0257445	0.179054	0.522211	-1.91493	0.00535046	0.188297	-5.31076	0.00364739	0.166982	-5.98867	0.223589	0.558782	-1.78961	0.00799708	0.212862	-4.69789
cg27029821	PRDM14	0.0270824	0.176278	3.04045	3.04045	0.431101	1.86178	1.86178	0.0429777	6.05829	6.05829	0.677956	0.723982	-1.38125	0.194291	0.345724	-2.89248
cg18035229	PRDM14	0.0292171	0.480632	0.7293	-1.37118	0.890346	0.941071	-1.06262	0.839694	1.09328	1.09328	0.56956	0.776412	-1.28798	0.494998	0.737052	-1.35676
cg09050331	PRDM14	0.0296403	0.125711	2.50482	2.50482	0.788228	0.861404	-1.1609	0.730829	0.825829	-1.2109	0.0252868	0.229039	-4.36606	0.660428	1.2776	1.2776
cg08172065	PRDM14	0.040073	0.00950486	5.70413	5.70413	0.727743	0.830917	-1.20349	0.458804	0.670465	-1.4915	0.0851232	0.364623	-2.74256	0.586496	0.74746	-1.33786
cg24448167	PRDM15;PRDM15	0.000140528	0.00117735	0.484636	-2.06341	0.0154011	1.57221	1.57221	0.000551002	0.442062	-2.26213	0.00169401	0.505344	-1.97885	0.828373	0.9675	-1.03359
cg18113101	PRDM15;PRDM15	0.000154211	0.613605	1.07037	1.07037	0.000120307	2.45378	2.45378	0.210383	0.838385	-1.19277	0.0617062	0.754986	-1.32453	0.13649	0.807141	-1.23894
cg14282798	PRDM15;PRDM15	0.000185771	0.208675	1.2711	1.2711	0.000183392	0.318386	-3.14084	0.000245232	0.333964	-2.99433	0.00105044	0.415844	-2.40475	0.194639	1.28187	1.28187
cg08381918	PRDM15;PRDM15	0.000360676	0.224295	0.805306	-1.24176	0.0446248	1.47861	1.47861	0.000419903	0.387352	-2.58163	0.50053	0.890486	-1.12298	0.0639178	0.702408	-1.42367
cg17014849	PRDM15;PRDM15	0.00111999	0.000961653	0.35144	-2.84543	0.865948	1.03659	1.03659	0.69165	0.918709	-1.08848	0.797481	1.05621	1.05621	0.721273	0.92664	-1.07917
cg07183691	PRDM15;PRDM15	0.00124977	0.0128705	0.775434	-1.2896	0.000933757	1.50198	1.50198	0.608368	0.958334	-1.04348	0.00366635	0.72359	-1.382	0.257964	0.907369	-1.10209
cg02726924	PRDM15;PRDM15	0.00218218	0.102595	0.405429	-2.46653	0.656008	1.25433	1.25433	0.611028	1.29597	1.29597	7.10E-05	0.0256975	-38.9143	?	?	?
cg14694746	PRDM15;PRDM15	0.00365613	0.350105	0.910724	-1.09803	0.145864	1.16394	1.16394	0.0635877	0.816447	-1.22482	0.00104434	1.60289	1.60289	0.00871952	0.722567	-1.38395
cg26405583	PRDM15;PRDM15	0.00720773	0.0764178	0.760712	-1.31456	0.797947	0.965031	-1.03624	0.3616	1.13897	1.13897	0.863803	1.02411	1.02411	0.12305	1.26088	1.26088
cg19408149	PRDM15;PRDM15	0.00943455	0.00315652	2.17801	2.17801	0.00327943	2.16672	2.16672	0.0371199	1.59519	1.59519	0.770531	0.945125	-1.05806	0.244574	0.790652	-1.26478
cg03862040	PRDM15;PRDM15	0.0119519	0.479311	1.12923	1.12923	0.167029	1.28504	1.28504	0.10288	1.35667	1.35667	0.552504	0.903501	-1.10681	0.210943	1.25105	1.25105
cg26519184	PRDM15;PRDM15	0.0130022	0.184801	0.689162	-1.45104	0.00095847	0.271962	-3.67698	0.262699	0.734113	-1.36219	0.165057	1.4799	1.4799	0.103295	0.623979	-1.60262
cg16965936	PRDM15;PRDM15	0.0165351	0.150323	0.552644	-1.80948	0.00558402	0.24663	-4.05465	0.0613462	0.444499	-2.24973	0.900084	0.952834	-1.0495	0.0152207	0.317735	-3.14728
cg00806296	PRDM15;PRDM15	0.0212569	0.927397	0.977962	-1.02253	0.0159423	0.485958	-2.05779	0.939743	0.981684	-1.01866	0.813024	1.05965	1.05965	0.0188437	0.49875	-2.00501
cg08073527	PRDM15;PRDM15	0.0218392	0.550658	1.07371	1.07371	0.00466382	1.55761	1.55761	0.00536404	1.54019	1.54019	0.0293096	1.35311	1.35311	0.428305	1.09994	1.09994
cg16497718	PRDM15;PRDM15	0.0340398	0.00345625	0.149235	-6.70083	0.53899	0.742284	-1.34719	0.311523	0.605524	-1.65146	0.585728	1.30174	1.30174	0.00441656	0.161932	-6.17544
cg24982179	PRDM15;PRDM15	0.0363703	0.71712	0.938568	-1.06545	0.124189	0.7482	-1.33654	0.136641	0.75586	-1.323	0.423766	1.15298	1.15298	0.0617516	1.44282	1.44282
cg27169379	PRDM15;PRDM15	0.0376379	0.844752	0.969205	-1.03177	0.276476	1.19793	1.19793	0.0208418	1.55853	1.55853	0.487249	1.11919	1.11919	0.897705	1.02073	1.02073
cg06555093	PRDM15;PRDM15	0.0427969	0.0793817	0.45747	-2.18594	0.46058	0.739563	-1.35215	0.0423805	0.39109	-2.55696	0.715008	0.86306	-1.15867	0.00433335	0.216276	-4.62372
cg04801133	PRDM15;PRDM15	0.0499993	0.132098	0.507222	-1.97152	0.16372	0.537547	-1.8603	0.0238965	0.324429	-3.08234	0.0151422	0.287544	-3.47773	0.00571987	0.220185	-4.54163
cg25195203	PRDM15;PRDM15;PRDM15;PRDM15	0.0422432	0.83983	0.914113	-1.09396	0.0589446	2.57657	2.57657	0.0303429	3.09461	3.09461	0.00324329	0.168369	-5.93934	0.724694	0.854777	-1.1699
cg25152368	PRDM16;FLJ42875;PRDM16;FLJ42875	0.00216446	?	?	?	0.129272	1.35407	1.35407	0.00457114	3.07003	3.07003	?	?	?	0.0008815	0.139811	-7.1525
cg08541612	PRDM16;FLJ42875;PRDM16;FLJ42875	0.024215	0.399599	1.19424	1.19424	0.479675	1.15941	1.15941	0.0244044	0.57574	-1.7369	0.00482637	2.15898	2.15898	0.298751	1.24821	1.24821
cg22729726	PRDM16;PRDM16	1.83E-05	0.483137	1.10694	1.10694	0.292893	1.16829	1.16829	0.550564	0.917511	-1.0899	0.0864013	0.763357	-1.31	2.49E-07	0.111687	-8.95361
cg05965745	PRDM16;PRDM16	6.49E-05	3.41E-05	0.184578	-5.41778	0.0331044	0.591729	-1.68996	0.00512351	0.458943	-2.17892	0.221989	0.763129	-1.31039	0.000441799	0.310826	-3.21723
cg11392550	PRDM16;PRDM16	0.000170569	0.278947	0.907095	-1.10242	0.000354638	1.64348	1.64348	0.101829	1.16781	1.16781	0.166467	1.13632	1.13632	0.764721	0.974336	-1.02634
cg15505198	PRDM16;PRDM16	0.000171009	0.00670728	1.63587	1.63587	0.509941	0.910682	-1.09808	0.690538	1.05761	1.05761	0.0413938	1.38996	1.38996	0.0370427	0.712524	-1.40346
cg07212761	PRDM16;PRDM16	0.000272379	0.535112	1.08108	1.08108	0.00399315	1.61653	1.61653	0.000305772	2.07073	2.07073	0.119901	1.23297	1.23297	2.37E-05	2.8483	2.8483
cg21604357	PRDM16;PRDM16	0.000303955	0.53373	0.932698	-1.07216	0.00161568	1.64819	1.64819	0.837356	0.977535	-1.02298	0.0745303	1.2456	1.2456	0.000394218	0.535795	-1.86638
cg01647724	PRDM16;PRDM16	0.000320554	0.00645934	0.54013	-1.85141	0.00892993	0.560713	-1.78344	0.0185291	0.608541	-1.64328	0.152054	0.765765	-1.30588	0.000257828	0.351288	-2.84667
cg25783497	PRDM16;PRDM16	0.000439162	0.560365	0.956752	-1.0452	0.000114507	0.601559	-1.66235	0.0150725	1.25143	1.25143	0.0306868	1.21	1.21	0.000659264	0.675872	-1.47957
cg21401095	PRDM16;PRDM16	0.000446808	0.0357142	1.77293	1.77293	8.82E-05	0.192803	-5.18665	0.398427	1.22453	1.22453	0.00215001	2.74469	2.74469	0.00125009	0.331396	-3.01754
cg21784411	PRDM16;PRDM16	0.000463101	0.000943449	0.42274	-2.36552	1.27E-05	0.201405	-4.96513	0.125833	0.748878	-1.33533	0.653043	0.924039	-1.08221	0.00494328	0.522112	-1.9153
cg23609682	PRDM16;PRDM16	0.000515689	0.00113096	2.87977	2.87977	0.00406986	2.34283	2.34283	0.00532607	2.24927	2.24927	0.00151748	2.74103	2.74103	0.17108	0.724871	-1.37956
cg00103908	PRDM16;PRDM16	0.000534801	0.0498694	0.791659	-1.26317	0.0670425	1.23913	1.23913	0.0121484	1.38609	1.38609	0.735929	1.03599	1.03599	0.00292525	0.652474	-1.53263
cg09221035	PRDM16;PRDM16	0.000600191	0.000643053	0.464476	-2.15296	0.0822882	1.32554	1.32554	0.0153686	1.54578	1.54578	0.30354	1.16885	1.16885	0.000105962	0.367121	-2.7239
cg06379192	PRDM16;PRDM16	0.000805672	0.397838	1.1346	1.1346	0.673584	1.06375	1.06375	0.000192796	0.400233	-2.49854	0.0113893	0.629986	-1.58734	0.130609	0.788091	-1.26889
cg04876124	PRDM16;PRDM16	0.000860742	0.356688	1.1438	1.1438	0.0514129	1.36934	1.36934	0.0094265	1.29891	1.29891	0.0327129	1.42498	1.42498	0.00261558	0.553936	-1.80526
cg10201191	PRDM16;PRDM16	0.0009132	0.283976	0.801196	-1.24813	0.000873577	2.70232	2.70232	0.347493	1.21243	1.21243	0.366254	1.20303	1.20303	0.608454	0.902226	-1.10837
cg15391425	PRDM16;PRDM16	0.000918253	0.141083	1.19516	1.19516	0.0141221	0.710966	-1.40654	0.0259028	0.742406	-1.34697	0.000293383	1.94364	1.94364	0.0539266	1.27947	1.27947
cg21786372	PRDM16;PRDM16	0.00103116	0.0117677	0.591195	-1.69149	0.000411496	2.55207	2.55207	0.0025953	0.49799	-2.00807	0.208642	0.801378	-1.24785	0.00109214	0.447164	-2.23632
cg17511251	PRDM16;PRDM16	0.00129836	0.00177263	2.96853	2.96853	0.00986977	2.21899	2.21899	0.042031	1.77303	1.77303	0.00304029	2.69811	2.69811	0.894156	1.03307	1.03307
cg04988794	PRDM16;PRDM16	0.00141986	0.333259	0.830564	-1.204	0.169162	1.3132	1.3132	0.99569	0.998996	-1.00101	0.957772	0.990199	-1.0099	3.86E-05	0.230609	-4.33634
cg21148623	PRDM16;PRDM16	0.00142569	0.000124332	2.64236	2.64236	0.0041483	1.74756	1.74756	0.148776	1.25225	1.25225	0.000377681	2.28254	2.28254	0.164051	0.805981	-1.24072
cg21836418	PRDM16;PRDM16	0.00143513	0.137482	0.781152	-1.28016	0.000745985	0.453741	-2.2039	0.977695	1.00433	1.00433	0.0253271	0.6633	-1.50761	0.0905069	1.33375	1.33375
cg26545580	PRDM16;PRDM16	0.00160757	0.203245	0.816813	-1.22427	0.00607879	0.582932	-1.71547	0.623931	0.928255	-1.07729	0.284096	1.18252	1.18252	0.0291563	0.678897	-1.47298
cg12753787	PRDM16;PRDM16	0.00170635	0.00899454	0.635203	-1.5743	0.000689102	0.492659	-2.0298	0.729561	1.04856	1.04856	0.99983	0.999971	-1.00003	0.000299149	0.447611	-2.23408
cg17286074	PRDM16;PRDM16	0.00175251	0.0458055	0.756097	-1.32258	0.0205643	0.711284	-1.40591	0.13103	0.81946	-1.22032	0.0252721	0.722639	-1.38382	0.858239	0.978403	-1.02207
cg08247866	PRDM16;PRDM16	0.00192824	0.0281207	0.630592	-1.58581	0.175432	0.773988	-1.29201	0.0794818	0.70743	-1.41357	0.0854407	1.40224	1.40224	0.000215704	0.333546	-2.99809
cg10097755	PRDM16;PRDM16	0.00203535	0.838607	1.03196	1.03196	0.0253536	0.663633	-1.50686	0.709535	0.943917	-1.05941	0.0726178	1.36203	1.36203	0.000243211	0.392248	-2.54941
cg13744917	PRDM16;PRDM16	0.00243313	0.697102	1.04634	1.04634	0.522915	1.07787	1.07787	0.628162	1.05815	1.05815	0.00132707	1.71712	1.71712	0.0221463	1.37392	1.37392
cg04500730	PRDM16;PRDM16	0.00259062	0.0178343	0.425734	-2.34889	0.03908	2.03014	2.03014	0.00949362	0.377424	-2.64954	0.382421	1.30422	1.30422	0.185475	0.659466	-1.51638
cg22076614	PRDM16;PRDM16	0.00276336	0.0037187	0.402808	-2.48257	0.0168331	1.96747	1.96747	0.0684134	0.622899	-1.6054	0.449832	0.836379	-1.19563	0.000211677	0.237701	-4.20697
cg01065697	PRDM16;PRDM16	0.00277641	0.0897982	0.622599	-1.60617	0.10415	0.637514	-1.56859	0.493532	1.19266	1.19266	0.00115214	3.35451	3.35451	0.00941347	0.434277	-2.30268
cg13299984	PRDM16;PRDM16	0.00277647	0.00137104	0.202586	-4.93617	0.582896	0.826393	-1.21008	0.0875565	0.522869	-1.91252	0.227685	0.647017	-1.54556	0.000428615	0.147137	-6.79639
cg22851557	PRDM16;PRDM16	0.00281799	0.00710793	0.581149	-1.72073	0.000430482	0.419204	-2.38548	0.906537	0.981835	-1.0185	0.0618152	1.38858	1.38858	0.00482328	0.557876	-1.79251
cg14659814	PRDM16;PRDM16	0.00283712	0.0151134	0.518015	-1.93045	0.00468047	0.43676	-2.28959	0.0115427	0.498592	-2.00565	0.0501161	0.61133	-1.63578	0.00619728	0.455496	-2.19541
cg13867039	PRDM16;PRDM16	0.00291806	0.136226	1.66384	1.66384	0.00632027	3.08844	3.08844	0.00438864	3.34125	3.34125	0.0366276	2.15998	2.15998	0.000889688	0.20627	-4.84803
cg10893986	PRDM16;PRDM16	0.00292293	0.00202246	0.0760993	-13.1407	0.172466	2.36077	2.36077	0.101904	0.346754	-2.88389	0.0148441	0.169852	-5.88749	0.239933	0.482923	-2.07072
cg09845604	PRDM16;PRDM16	0.00295273	0.00605492	0.305132	-3.27727	0.0475439	2.11792	2.11792	0.162712	0.61051	-1.63797	0.00560662	0.299927	-3.33414	0.913009	0.964462	-1.03685
cg09509365	PRDM16;PRDM16	0.00303143	0.0169255	0.744663	-1.34289	0.22785	0.87976	-1.13667	0.0773254	1.21986	1.21986	0.740874	1.03416	1.03416	0.000860855	0.602659	-1.65931
cg21609526	PRDM16;PRDM16	0.00304511	0.574748	0.901744	-1.10896	0.0880311	1.40982	1.40982	0.005317	1.95437	1.95437	0.864943	1.03155	1.03155	0.00267807	0.468934	-2.1325
cg15385589	PRDM16;PRDM16	0.0031676	0.701991	1.04993	1.04993	0.228222	1.17383	1.17383	0.0448923	1.33872	1.33872	0.0122946	1.48457	1.48457	0.000991758	0.537937	-1.85895
cg02712922	PRDM16;PRDM16	0.00323063	0.779737	1.07067	1.07067	0.30432	0.771744	-1.29577	0.293545	1.30392	1.30392	0.0127988	2.12359	2.12359	0.000212894	0.221601	-4.51263
cg07364162	PRDM16;PRDM16	0.00338457	0.00082899	0.185435	-5.39271	0.000832737	0.185658	-5.38626	0.199575	0.635286	-1.57409	0.045493	0.464019	-2.15508	0.0023938	0.242556	-4.12275
cg05520109	PRDM16;PRDM16	0.0034673	0.289385	1.16342	1.16342	0.00644476	1.62847	1.62847	0.0203368	1.46954	1.46954	0.0733232	0.759679	-1.31634	0.00876629	0.631594	-1.58329
cg04277097	PRDM16;PRDM16	0.00362818	0.00286203	0.675978	-1.47934	0.224393	0.885332	-1.12952	0.268777	1.11618	1.11618	0.011739	0.740515	-1.35041	0.0251042	0.775495	-1.2895
cg13789673	PRDM16;PRDM16	0.00366438	0.751061	0.967051	-1.03407	0.0613145	0.800961	-1.2485	0.103714	1.206	1.206	0.0320683	1.30259	1.30259	0.171458	0.857902	-1.16563
cg24155739	PRDM16;PRDM16	0.00392718	0.037352	0.559232	-1.78817	0.00780043	0.439741	-2.27407	0.16246	0.698579	-1.43148	0.0975348	0.645767	-1.54855	0.000618782	0.28157	-3.55151
cg25372239	PRDM16;PRDM16	0.00398232	0.133086	0.544042	-1.83809	0.725092	0.875788	-1.14183	0.791835	0.905412	-1.10447	0.590806	0.815548	-1.22617	9.22E-05	0.0726311	-13.7682
cg18381051	PRDM16;PRDM16	0.00403656	0.620915	1.36623	1.36623	0.00947447	0.127732	-7.82889	0.0445767	4.23625	4.23625	0.120219	0.348164	-2.87221	0.13046	2.77973	2.77973
cg15090440	PRDM16;PRDM16	0.00438983	0.0170334	0.655226	-1.52619	0.749331	1.04769	1.04769	0.015586	0.64986	-1.53879	0.000813426	0.480121	-2.08281	0.256057	0.84173	-1.18803
cg06617975	PRDM16;PRDM16	0.00438987	0.912806	0.980707	-1.01967	0.647304	1.08538	1.08538	0.431336	1.15355	1.15355	0.12578	1.34266	1.34266	0.80337	0.956598	-1.04537
cg06447122	PRDM16;PRDM16	0.00448703	0.0735133	0.808082	-1.2375	0.485818	1.07857	1.07857	0.0414527	0.777923	-1.28547	0.575338	1.06231	1.06231	0.0494843	0.787113	-1.27046
cg06659980	PRDM16;PRDM16	0.00543526	0.0654535	0.642223	-1.55709	0.665262	0.910988	-1.09771	0.609485	1.11665	1.11665	0.680263	0.915079	-1.0928	0.000164409	0.252605	-3.95875
cg16176095	PRDM16;PRDM16	0.00572759	0.876063	1.03795	1.03795	0.0407306	1.75739	1.75739	0.0137113	2.06972	2.06972	0.5243	1.1665	1.1665	0.000589584	0.281685	-3.55007

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08479635	0.978971	0.997291	-1.00272	0.00702115	0.698543	-1.43155	0.516056	0.934468	-1.07013	0.00692193	0.697861	-1.43295	9.42681	1.58168	0.149143	1
cg22063720	0.756379	1.06211	1.06211	0.00272893	2.22802	2.22802	0.872732	0.969436	-1.03153	0.389737	1.18609	1.18609	8.10047	4.80994	0.527809	1
cg02964359	0.287075	1.15162	1.15162	0.0868049	0.785413	-1.27322	0.616168	1.06668	1.06668	0.968105	0.994907	-1.00512	5.96913	1.54188	0.229609	1
cg09272217	0.203637	0.870231	-1.14912	0.464604	1.08015	1.08015	0.133274	1.18267	1.18267	0.729083	0.964623	-1.03667	5.76837	0.980386	0.151075	1
cg23116180	0.356952	1.22369	1.22369	0.312423	0.800396	-1.24938	0.711315	1.08243	1.08243	0.0432931	1.64098	1.64098	5.32817	3.83125	0.639161	1
cg24904788	0.064045	0.456554	-2.19032	0.0204137	0.348986	-2.86544	0.0169526	0.333845	-2.99541	0.0562609	0.442905	-2.25782	4.80042	10.7899	1.99796	1
cg13300710	0.980913	0.996059	-1.00396	0.0263583	1.54462	1.54462	0.315775	0.84263	-1.18676	0.0623222	1.41393	1.41393	4.4841	1.93538	0.383653	1
cg13448468	0.713841	0.939488	-1.06441	0.598894	0.913971	-1.09413	0.190961	0.790823	-1.26451	0.0842525	1.38226	1.38226	4.44856	2.02375	0.404375	1
cg00417304	0.51566	1.28246	1.28246	0.0105902	0.297195	-3.3648	0.0213511	0.352037	-2.84061	0.313681	0.674828	-1.48186	4.12553	9.30801	2.00551	1
cg12913167	0.1884	0.547016	-1.8281	0.0338213	0.3421	-2.92312	0.00444558	0.193437	-5.16964	0.36111	0.666059	-1.50137	3.83354	11.3763	2.63783	1
cg22731637	0.424737	0.686582	-1.45649	0.00225246	0.139144	-7.1868	0.0882136	0.41988	-2.38164	0.239522	0.566579	-1.76498	3.65603	12.3206	2.9955	1
cg06095065	0.640004	1.16408	1.16408	0.129474	1.69614	1.69614	0.367971	0.742106	-1.34752	0.820238	1.07617	1.07617	3.44294	5.67259	1.46453	1
cg03470671	0.326237	0.700146	-1.42827	0.000130247	0.0966311	-10.3486	0.451946	0.763755	-1.30932	0.572952	0.818465	-1.2218	8.25977	16.1799	1.74122	1
cg13795948	0.0246177	0.574772	-1.73982	0.00474825	0.460303	-2.17248	0.000965838	2.76373	2.76373	0.68239	1.08886	1.08886	14.3214	9.70972	0.602655	1
cg13500797	?	?	?	0.00117084	19.379	19.379	0.0266243	4.46925	4.46925	0.00111139	19.9657	19.9657	10.6907	35.8265	2.87246	1
cg14161705	0.179705	0.731581	-1.3669	0.000549139	0.308159	-3.24508	0.0178537	0.531785	-1.88046	0.0978936	0.671488	-1.48923	7.28388	5.54966	0.677254	1
cg08924374	0.160507	1.28495	1.28495	0.0312075	0.655203	-1.52624	0.354998	1.17249	1.17249	0.0244059	1.56601	1.56601	5.82594	2.58072	0.393752	1
cg15700165	0.809924	0.970288	-1.03062	0.214794	0.8492	-1.17758	0.00525029	1.58536	1.58536	0.0692903	1.28966	1.28966	4.80593	1.19262	0.220583	1
cg12539975	0.052582	0.572948	-1.74536	0.705503	1.1007	1.1007	0.111767	0.645516	-1.54915	0.980722	1.00613	1.00613	3.9534	3.99915	0.899176	1
cg17879189	0.0180775	0.705185	-1.41807	0.0339845	0.740016	-1.35132	4.66E-08	10.154	10.154	0.156985	1.20218	1.20218	89.19	20.9037	0.208331	1
cg06035531	0.582727	0.936116	-1.06824	4.87E-07	5.35724	5.35724	0.000900653	1.80597	1.80597	0.0772991	1.26322	1.26322	48.8793	10.9584	0.199282	1
cg26507427	4.47E-05	3.67499	3.67499	0.123022	0.754763	-1.32492	4.66E-07	10.898	10.898	0.0019734	2.08804	2.08804	36.16	16.2388	0.399185	1
cg24688826	0.0160166	1.61826	1.61826	0.144531	1.2916	1.2916	8.44E-06	4.87285	4.87285	0.219762	1.23451	1.23451	22.447	9.47595	0.375242	1
cg13000912	0.00449334	2.07926	2.07926	0.000278149	3.15623	3.15623	0.00183351	2.35231	2.35231	0.531139	1.13043	1.13043	20.5851	12.1759	0.525771	1
cg02400433	0.195896	1.24053	1.24053	0.699132	0.940631	-1.06312	9.84E-06	4.47069	4.47069	0.819675	0.964656	-1.03664	19.0296	7.4851	0.349636	1
cg19391276	0.0605308	4.15169	4.15169	0.000122723	90.7252	90.7252	0.000395859	44.4586	44.4586	0.556342	0.670176	-1.49215	16.7575	106.735	6.36939	1
cg24336089	0.100919	1.34944	1.34944	0.00646579	1.80511	1.80511	0.0264499	1.55111	1.55111	0.696436	1.06759	1.06759	15.5549	6.855	0.391731	1
cg26122626	0.354425	0.837227	-1.19442	0.0011246	0.408934	-2.44538	0.0206822	1.6813	1.6813	0.208809	1.28027	1.28027	13.1471	7.24084	0.489559	1
cg18924324	0.00359198	9.59171	9.59171	9.67E-05	86.9508	86.9508	0.00204946	12.5881	12.5881	0.0388205	0.275941	-3.62396	21.8278	75.9578	2.6099	1
cg21789674	0.00266139	3.07492	3.07492	0.494791	1.20611	1.20611	0.972111	0.990594	-1.0095	0.895985	0.96526	-1.03599	12.8047	14.8193	1.02875	1
cg15725440	0.000376749	10.6605	10.6605	0.109032	2.07028	2.07028	0.0213791	3.16262	3.16262	0.225305	0.588458	-1.69936	12.7473	35.0017	2.44073	1
cg11809464	0.065586	1.38012	1.38012	0.00190968	0.503888	-1.98457	0.00434211	1.81161	1.81161	0.00809223	1.69675	1.69675	12.665	4.87549	0.342184	1
cg17302155	0.000897837	55.832	55.832	0.000120116	230.43	230.43	0.00162461	38.6492	38.6492	0.768172	1.27023	1.27023	12.272	127.274	9.2188	1
cg12227907	0.224277	1.46623	1.46623	0.000253424	6.09654	6.09654	0.203807	1.49492	1.49492	0.875443	1.04815	1.04815	11.724	16.687	1.26518	1
cg23783695	0.000715567	10.9494	10.9494	5.53E-05	32.6448	32.6448	0.033539	3.16999	3.16999	0.357145	1.5527	1.5527	11.7107	40.0355	3.03884	1
cg27125972	0.0253948	6.72635	6.72635	0.0567199	4.69801	4.69801	0.792951	1.20768	1.20768	0.591411	0.677927	-1.47508	11.099	90.4563	7.24438	1
cg01233934	0.0970968	3.04339	3.04339	0.00907723	7.58763	7.58763	0.763943	1.20212	1.20212	0.534342	0.68069	-1.4691	10.1861	60.2685	5.2593	1
cg01815538	0.126169	0.613291	-1.63055	0.931915	1.02557	1.02557	0.000112804	7.42066	7.42066	0.265903	1.40853	1.40853	7.98847	11.0458	1.22908	1
cg25924096	0.534022	1.20007	1.20007	0.286984	1.37735	1.37735	7.09E-05	8.15069	8.15069	0.899706	1.03719	1.03719	7.62191	10.1223	1.1805	1
cg06095270	0.0011277	14.826	14.826	0.000606286	19.5596	19.5596	0.122746	2.56191	2.56191	0.943133	0.960662	-1.04095	7.36378	36.9091	4.45533	1
cg05904869	0.252808	1.59874	1.59874	0.0214413	2.96112	2.96112	0.0777382	2.16003	2.16003	0.966289	1.01674	1.01674	7.04248	17.2121	2.17248	1
cg21146592	0.00394675	10.0464	10.0464	0.00173824	14.2574	14.2574	0.860666	1.1102	1.1102	0.614354	0.739106	-1.35299	6.59978	37.0084	4.98445	1
cg19223299	0.00369322	29.0915	29.0915	0.0103644	16.0152	16.0152	0.0136842	13.7238	13.7238	0.540872	1.70192	1.70192	6.28755	73.4781	10.3878	1
cg21160099	0.0080092	13.2026	13.2026	0.00148798	32.4406	32.4406	0.110305	3.74916	3.74916	0.727121	0.766413	-1.30478	6.03547	55.1213	8.11811	1
cg03365733	0.29044	1.61797	1.61797	0.00568606	4.90768	4.90768	0.00425662	5.35266	5.35266	0.541759	0.762703	-1.31113	5.81877	17.7258	2.70783	1
cg18900649	0.00669047	24.5025	24.5025	0.00372681	35.2386	35.2386	0.998888	1.00127	1.00127	0.867222	1.16434	1.16434	5.54692	72.6398	11.6405	1
cg17978124	0.158628	2.35335	2.35335	0.21703	2.09112	2.09112	0.0287161	4.32928	4.32928	0.169242	0.435278	-2.29738	5.1788	26.4581	4.54128	1
cg03120185	0.438019	1.5868	1.5868	0.0656131	3.33988	3.33988	0.0303564	4.41782	4.41782	0.237985	0.48605	-2.0574	4.71661	25.447	4.79572	1
cg01422797	0.00804213	8.81019	8.81019	0.00206831	16.1163	16.1163	0.453749	1.6308	1.6308	0.269331	0.478454	-2.09006	4.54692	29.5747	5.78164	1
cg08933939	0.0298136	7.90442	7.90442	0.00133799	43.3817	43.3817	0.93013	1.07349	1.07349	0.874187	0.879733	-1.13671	4.32999	44.8422	9.20548	1
cg16377881	0.0551262	6.81605	6.81605	0.001355	60.7428	60.7428	0.687333	1.42921	1.42921	0.654275	1.48865	1.48865	4.17078	51.4621	10.9678	1
cg04974062	0.027917	12.0387	12.0387	0.00199858	65.283	65.283	0.252567	3.14137	3.14137	0.953968	0.946211	-1.05685	4.10502	59.6427	12.9148	1
cg25051341	0.0312391	16.2911	16.2911	0.00192257	127.538	127.538	0.34941	2.89655	2.89655	0.73646	1.45199	1.45199	4.0505	78.2006	17.1612	1
cg01944958	0.0448386	3.7277	3.7277	0.00528823	8.17227	8.17227	0.588374	1.36646	1.36646	0.712873	0.80961	-1.23516	4.00717	20.7217	4.59658	1
cg13738144	0.230261	0.811935	-1.23163	7.27E-05	0.30266	-3.30404	2.18E-08	32.2431	32.2431	0.0364859	1.49534	1.49534	79.6051	34.5421	0.385706	1
cg14344102	0.501326	0.837248	-1.19439	0.0807029	0.604007	-1.65561	0.000134028	5.59782	5.59782	0.340624	1.29124	1.29124	6.49381	6.96749	0.953728	1
cg14774755	0.000167736	0.163796	-6.10515	1.47E-05	0.0786945	-12.7074	0.00483296	0.347984	-2.8737	0.00377582	0.331631	-3.0154	20.1842	25.4954	1.12279	1
cg08190913	0.000492475	0.182612	-5.47609	4.79E-06	0.0384057	-26.0378	0.01132	0.372252	-2.68635	0.00330516	0.28742	-3.47923	19.3447	29.7446	1.36676	1
cg18512336	0.000547035	0.300962	-3.32268	7.69E-05	0.201577	-4.96088	0.291185	1.27752	1.27752	0.00735721	0.461893	-2.165	16.1392	12.7802	0.703888	1
cg19518104	0.000182407	0.0311936	-32.0579	0.0141933	0.190549	-5.24799	0.499814	1.45545	1.45545	0.0199456	0.214554	-4.66084	11.7769	55.9998	4.2267	1
cg18570392	0.000740217	0.154743	-6.46233	0.000132911	0.0895711	-11.1643	0.085968	0.501085	-1.99567	0.0256716	0.380934	-2.62512	10.6734	22.4178	1.86697	1
cg14642381	0.177882	0.521182	-1.91871	0.564501	0.767116	-1.30358	0.0611133	0.382681	-2.61314	0.100761	0.441239	-2.26635	4.31291	14.151	2.91651	1
cg27029821	0.362492	0.484842	-2.06253	0.164424	0.317471	-3.1499	0.00189899	30.0711	30.0711	0.224373	2.68363	2.68363	4.23713	40.1464	8.42213	1
cg18035229	0.295732	0.620381	-1.61191	0.660244	0.823022	-1.21503	0.000565618	10.5105	10.5105	0.503638	1.34828	1.34828	4.12533	12.6669	2.72935	1
cg09050331	0.0140679	0.186417	-5.36433	0.0136643	0.184496	-5.42017	0.0693518	3.08277	3.08277	0.678949	0.794027	-1.2594	4.10436	19.9609	4.32297	1
cg08172065	0.139519	0.430538	-2.32267	0.153127	0.444507	-2.24968	0.0210885	4.34973	4.34973	0.779967	0.862064	-1.16001	3.68066	16.3735	3.95425	1
cg24448167	0.0316768	0.681596	-1.46714	9.26E-06	0.232736	-4.29672	0.233894	1.20914	1.20914	0.00810217	0.59693	-1.67524	20.2089	7.41223	0.326027	1
cg18113101	0.0179686	1.46815	1.46815	8.38E-06	3.65732	3.65732	0.00762306	1.58125	1.58125	0.97246	1.00462	1.00462	19.7092	5.56804	0.251119	1
cg14282798	0.109281	1.3717	1.3717	4.04E-05	0.242049	-4.1314	0.735666	0.940515	-1.06325	0.302739	0.824301	-1.21315	18.7422	9.72385	0.461174	1
cg08381918	0.00153733	0.461599	-2.16638	2.29E-05	0.237576	-4.20918	0.130108	0.757799	-1.31961	0.00185738	0.472747	-2.1153	15.6395	7.12695	0.405067	1
cg17014849	0.673679	0.913858	-1.09426	2.18E-05	0.162901	-6.13869	0.933961	1.01778	1.01778	0.888857	1.03019	1.03019	11.3937	8.16261	0.636812	1
cg07183691	0.00180248	0.693824	-1.44129	0.0199621	0.793517	-1.26021	0.00903643	0.760884	-1.31426	0.00725308	0.75183	-1.33009	11.0428	1.186	0.0954665	1
cg02726924	0.456388	1.46727	1.46727	0.00280901	0.124831	-8.01085	0.31241	0.589683	-1.69583	0.41083	0.653715	-1.52972	9.6135	34.5759	3.5966	1
cg14694746	0.0970354	1.19374	1.19374	0.591924	1.05402	1.05402	0.810031	1.02369	1.02369	0.00369974	0.682915	-1.46431	8.06762	1.20794	0.133091	1
cg26405583	0.193267	1.21049	1.21049	0.000153143	2.46126	2.46126	0.228365	1.19175	1.19175	0.0655939	1.33204	1.33204	6.55501	1.99872	0.271035	1
cg19408149	0.0470313	1.55057	1.55057	0.129942	1.37116	1.37116	0.187256	0.763599	-1.30959	0.1914	0.765746	-1.30592	6.02144	3.55099	0.5242	1
cg03862040	0.255145	0.817421	-1.22336	0.00174683	0.450424	-2.22013	0.00529568	0.523049	-1.91186	0.29549	1.20189	1.20189	6.3109	2.78043	0.34267	1
cg26519184	0.0237425	0.489454	-2.04309	0.00982992	0.421568	-2.3721	0.109948	0.630541	-1.58594	0.707778	1.1048	1.1048	5.42985	6.0249	0.9863	1
cg16965936	0.387268	0.711156	-1.40616	0.00236532	0.195752	-5.10851	0.0201469	0.340269	-2.93885	0.025722	0.360992	-2.77014	5.01572	11.7521	2.08272	1
cg00806296	0.0392704	0.558117	-1.79174	0.00124653	0.315636	-3.16821	0.957561	0.987072	-1.0131	0.391337	0.806745	-1.23955	4.60784	4.36314	0.841683	1
cg08073527	0.0326837	1.34231	1.34231	0.981197	1.00278	1.00278	0.186199	0.847826	-1.17949	0.159498	1.19372	1.19372	4.56541	1.00319	0.195322	1
cg16497718	0.524788	1.36179	1.36179	0.866215	0.922388	-1.08414	0.43707	1.46207	1.46207	0.466435	0.701102	-1.42633	3.90619	14.2027	3.23194	1
cg24982179	0.0344624	1.53687	1.53687	0.00471613	1.92365	1.92365	0.907333	1.0205	1.0205	0.994782	0.998861	-1.00114	3.81362	1.83382	0.427431	1
cg27169379	0.0463707	1.43915	1.43915	0.00251115	1.95347	1.95347	0.883251	1.02372	1.02372	0.218811	0.813555	-1.22917	3.76629	1.51833	0.358343	1
cg06555093	0.0274014	0.350664	-2.85173	0.0142167	0.296815	-3.3691	0.222315	0.597461	-1.67375	0.115629	0.503152	-1.98747	3.59217	9.17541	2.27047	1
cg04801133	0.0492277	0.39159	-2.55369	0.165449	0.539092	-1.85497	0.769783	0.884645	-1.1304	0.178382	0.55035	-1.81702	3.38815	9.36066	2.45579	1
cg25195203	0.753668	0.869624	-1.14992	0.94013	0.967217	-1.03389	0.968962	0.982882	-1.01742	0.829747	1.10027	1.10027	3.60959	11.2574	2.77221	1
cg25152368	0.00309675	3.60756	3.60756	?	?	?	?	?	?	0.224709	1.24913	1.24913	80.042	14.1817	0.106307	1
cg08541612	0.00768643	2.02408	2.02408	0.835749	1.04366	1.04366	0.165042	1.35644	1.35644	0.222585	1.30193	1.30193	4.40576	2.95685	0.596561	1
cg22729726	0.138706	1.25509	1.25509	0.0113215	1.57158	1.57158	0.00679764	1.64863	1.64863	0.274705	0.850437	-1.17587	34.6777	11.1603	0.286071	1
cg05965745	0.00389559	2.26719	2.26719	8.79E-06	0.131089	-7.62839	0.00349126	0.434025	-2.30402	0.00379496	0.439385	-2.27591	24.8412	17.451	0.624449	1
cg11392550	0.000363965	1.64031	1.64031	0.00450642	0.720413	-1.38809	0.000236186	1.69519	1.69519	7.90E-05	1.85538	1.85538	19.18	2.27921	0.105629	1
cg15505198	6.63E-05	2.78366	2.78366	5.35E-05	2.87246	2.87246	0.000363748	2.22509	2.22509	0.000965529	1.98932	1.98932	19.1667	5.94781	0.27584	1
cg07212761	0.323738	0.88117	-1.13485	0.465446	0.91192	-1.09659	0.0683699	1.28825	1.28825	0.00403489	0.619164	-1.61508	16.8903	4.12138	0.216897	1
cg21604357	0.110041	1.21233	1.21233	0.786489	1.03047	1.03047	2.43E-05	2.53326	2.53326	0.174209	1.17326	1.17326	16.3913	3.17226	0.17203	1
cg01647724	0.01141	1.7345	1.7345	0.00153238	0.452443	-2.21022	9.48E-05	0.298387	-3.35135	0.0653715	1.433	1.433	16.1542	7.73977	0.425882	1
cg25783497	0.0184295	1.23946	1.23946	0.00636283	1.3056	1.3056	0.112614	1.13847	1.13847	0.642347	0.965492	-1.03574	14.8133	1.32269	0.0793695	1
cg21401095	0.548867	1.15271	1.15271	0.0142028	2.0315	2.0315	0.03937	1.74794	1.74794	0.643012	0.896412	-1.11556	14.7427	12.8169	0.772775	1
cg21784411	0.801394	1.04499	1.04499	0.947792	1.0115	1.0115	0.623179	0.917171	-1.09031	0.00216444	0.471653	-2.1202	14.5974	7.04655	0.429091	1
cg23609682	0.000132572	4.32009	4.32009	0.000680138	3.14659	3.14659	0.0288164	1.76677	1.76677	0.00123487	2.83718	2.83718	14.1685	10.9378	0.686206	1
cg00103908	0.00039848	0.555072	-1.80157	0.000264096	1.87015	1.87015	0.82641	1.02321	1.02321	0.0966641	1.20984	1.20984	14.026	2.42356	0.153592	1
cg09221035	0.578139	0.921043	-1.08573	0.00861683	1.63305	1.63305	0.34579	1.15276	1.15276	0.0741355	0.747241	-1.33826	13.5827	4.61135	0.30178	1
cg06379192	0.874034	1.02341	1.02341	0.000604151	2.1629	2.1629	0.00620517	1.6829	1.6829	0.222089	0.829285	-1.20586	12.5072	4.21509	0.299567	1
cg04876124	0.0082965	0.619827	-1.61335	9.67E-05	2.67171	2.67171	0.0593508	1.35214	1.35214	0.50465	0.908504	-1.10071	12.2763	3.90569	0.282798	1
cg10201191	0.656625	1.09319	1.09319	7.68E-05	4.16453	4.16453	0.00263876	2.29028	2.29028	0.0305277	0.602798	-1.65893	12.0729	7.58203	0.558239	1
cg15391425	0.000310544	1.93277	1.93277	0.013722	1.40946	1.40946	0.733986	1.03916	1.03916	0.673856	1.04883	1.04883	12.0541	2.42169	0.178579	1
cg21786372	0.762087	0.950542	-1.05203	0.0279744	0.648074	-1.54303	0.422115	1.14681	1.14681	0.219703	1.2406	1.2406	11.6646	5.15555	0.392875	1
cg17511251	0.000502659	3.78028	3.78028	0.00098208	3.31294	3.31294	0.0691082	1.64404	1.64404	0.000467395	3.83684	3.83684	10.923	10.3367	0.841173	1
cg04988794	0.0500354	1.51538	1.51538	0.011059	1.80896	1.80896	0.828578	1.04116	1.04116	0.355286	0.83788	-1.19349	10.6464	5.83419	0.487109	1
cg21148623	0.356469	1.14771	1.14771	0.091828	1.30945	1.30945	0.182869	1.22791	1.22791	0.0158804	1.53582	1.53582	10.6339	3.5536	0.297047	1
cg21836418	0.11448	0.767151	-1.30352	0.000496608	2.31999	2.31999	0.015534	1.58132	1.58132	0.875018	1.0246	1.0246	10.6137	4.00773	0.335644	1
cg26545580	0.0043048	1.77735	1.77735	0.0338048	0.688401	-1.45264	0.0154358	0.639067	-1.56478	0.000716835	2.17247	2.17247	10.2724	3.69283	0.319546	1
cg12753787	0.0111641	1.54424	1.54424	0.482247	1.1025	1.1025	0.603127	0.930844	-1.07429	0.476928	0.905918	-1.10385	10.0969	2.98499	0.262787	1
cg17286074	0.231632	0.85795	-1.16557	9.72E-05	2.33056	2.33056	0.0726989	1.277	1.277	0.710486	0.955488	-1.04659	10.0191	2.36639	0.209944	1
cg08247866	0.0839946	1.40491	1.40491	0.0517494	0.674612	-1.48233	0.0269224	1.59351	1.59351	0.034733	1.5491	1.5491	9.74501	4.87961	0.445092	1
cg10097755	0.0465252	1.42144	1.42144	0.00189662	1.97178	1.97178	0.559263	1.09537	1.09537	0.869035	1.02578	1.02578	9.59279	3.61518	0.334991	1
cg13744917	0.00473107	1.54429	1.54429	0.281174	0.878345	-1.1385	0.129623	0.827271	-1.20879	0.000285411	1.98604	1.98604	9.10435	1.93386	0.188809	1
cg04500730	0.96946	1.01142	1.01142	0.000280144	0.171762	-5.822	0.00424794	0.321544	-3.10999	0.0450831	0.505714	-1.9774	8.93781	12.4455	1.23774	1
cg22076614	0.0196406	0.519939	-1.9233	0.0587201	0.60931	-1.6412	0.676354	0.907185	-1.10231	0.081511	0.638907	-1.56517	8.76907	7.47698	0.757914	1
cg01065697	0.812618	1.06202	1.06202	0.214575	1.39245	1.39245	0.00732129	2.40157	2.40157	0.00383036	2.68525	2.68525	8.75686	8.90447	0.903872	1
cg13299984	0.0673857	0.494266	-2.0232	0.000528096	0.156244	-6.40026	0.0383269	0.438133	-2.28241	0.0130724	0.347	-2.88185	8.7568	16.3944	1.66417	1
cg22851557	0.106028	0.759165	-1.31724	0.0150475	0.627257	-1.59424	0.102932	1.3211	1.3211	0.94561	1.01071	1.01071	8.71843	3.3638	0.342957	1
cg14659814	0.00754291	0.468867	-2.1328	0.000118934	0.226907	-4.40709	0.116287	0.68658	-1.45649	0.0694424	0.63926	-1.56431	8.70098	6.68933	0.683379	1
cg13867039	0.0148501	2.58647	2.58647	0.918043	0.967887	-1.03318	0.552954	0.826674	-1.20967	0.26413	1.44646	1.44646	8.62876	13.7433	1.41576	1
cg10893986	0.183788	2.30289	2.30289	0.000210201	0.0255596	-39.1243	0.354165	0.568987	-1.75751	0.0393846	0.244182	-4.09531	8.6245	47.7989	4.92642	1
cg09845604	0.011571	2.84465	2.84465	0.00105695	0.201155	-4.97129	0.565646	1.21202	1.21202	0.103348	0.554378	-1.80382	8.59859	14.9313	1.54355	1
cg09509365	0.00199687	1.55519	1.55519	0.401115	1.09087	1.09087	0.937841	0.992138	-1.00792	0.0249202	0.763303	-1.3101	8.5317	1.38394	0.144188	1
cg21609526	0.630378	0.915343	-1.09249	0.00109047	2.40894	2.40894	0.170548	1.30508	1.30508	0.0389376	0.646549	-1.54667	8.5203	4.49161	0.468592	1
cg15385589	0.00105198	1.84818	1.84818	0.620167	0.938651	-1.06536	0.088469	1.26892	1.26892	0.327964	1.13651	1.13651	8.42093	2.14172	0.226074	1
cg02712922	0.407923	1.22896	1.22896	0.426115	1.21888	1.21888	0.0121018	2.14236	2.14236	0.10745	1.53405	1.53405	8.37166	7.86526	0.835121	1
cg07364162	0.0496449	0.472519	-2.11632	0.00185191	0.227809	-4.38965	0.0512117	0.475581	-2.10269	0.10755	0.555473	-1.80027	8.25618	14.6529	1.57758	1
cg05520109	0.750172	1.04495	1.04495	0.000678938	2.04387	2.04387	0.436021	1.11558	1.11558	0.332352	0.871407	-1.14757	8.19679	2.45939	0.266705	1
cg04277097	0.296738	1.10876	1.10876	0.15384	1.15686	1.15686	0.397706	1.08615	1.08615	0.000579573	0.601739	-1.66185	8.08621	1.16632	0.12821	1
cg13789673	0.00236594	1.56259	1.56259	0.000995702	1.67317	1.67317	0.032765	0.768787	-1.30075	0.682067	1.04431	1.04431	8.06217	1.41498	0.156008	1
cg24155739	0.199929	1.38501	1.38501	0.00151753	0.333348	-2.99987	0.00868338	0.447298	-2.23565	0.0387555	0.562325	-1.77833	7.89608	7.23549	0.814525	1
cg25372239	0.0442999	2.38175	2.38175	0.138844	1.81937	1.81937	0.49702	1.29568	1.29568	0.177391	0.583616	-1.71345	7.86298	17.5731	1.9866	1
cg18381051	0.594833	1.39935	1.39935	0.000301443	39.5915	39.5915	0.0536311	3.94247	3.94247	0.357316	0.552902	-1.80864	7.83098	48.596	5.5161	1
cg15090440	0.313496	0.859421	-1.16357	0.0150359	1.54394	1.54394	0.437659	0.891314	-1.12194	0.00408107	0.571137	-1.75089	7.63489	2.55379	0.297324	1
cg06617975	7.62E-05	3.58068	3.58068	0.948277	0.988528	-1.01161	0.0867864	0.714324	-1.39993	0.0505396	1.48637	1.48637	7.63486	3.82511	0.445339	1
cg06447122	0.0162723	1.3686	1.3686	0.000312319	1.86695	1.86695	0.851859	0.980233	-1.02017	0.840261	0.978678	-1.02179	7.58436	1.37	0.160565	1
cg06659980	0.140402	1.40447	1.40447	0.0425312	1.64901	1.64901	0.992137	1.00211	1.00211	0.131728	0.705781	-1.41687	7.15351	5.19628	0.645686	1
cg16176095	0.440989	1.20627	1.20627	0.0575891	0.599	-1.66945	0.105084	1.52605	1.52605	0.214373	0.731992	-1.36614	7.03926	6.3506	0.801927	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26864297	PRDM16;PRDM16	0.00584665	0.579592	1.21726	1.21726	0.00749599	3.35112	3.35112	0.029179	2.46694	2.46694	0.00339018	4.0536	4.0536	0.142919	0.575109	-1.7388
cg00049709	PRDM16;PRDM16	0.00596185	0.0110664	0.677562	-1.47588	0.00413071	1.59975	1.59975	0.413166	0.90284	-1.10762	0.721462	0.957209	-1.0447	0.00491928	0.63434	-1.57644
cg02390319	PRDM16;PRDM16	0.00598776	0.0326739	8.39692	8.39692	0.0167461	12.0105	12.0105	0.0940832	4.79256	4.79256	0.188477	3.27467	3.27467	0.320819	0.4176	-2.39464
cg22031783	PRDM16;PRDM16	0.00607001	0.0231813	0.185335	-5.39562	0.000290592	0.0254903	-39.2305	0.0517024	0.252823	-3.95533	0.486421	0.644572	-1.55142	0.00395005	0.0900352	-11.1068
cg14380230	PRDM16;PRDM16	0.00619973	0.00638277	0.387393	-2.58136	0.00105834	0.274248	-3.64633	0.181385	0.684488	-1.46095	0.0746825	0.588323	-1.69975	0.0139056	0.444016	-2.25217
cg24878051	PRDM16;PRDM16	0.00645044	0.0438758	0.612265	-1.63328	0.0176054	1.84363	1.84363	0.000751117	2.95303	2.95303	0.511102	0.868339	-1.15162	0.351634	0.816252	-1.22511
cg03386715	PRDM16;PRDM16	0.00683488	0.0833352	0.778587	-1.28438	0.937285	0.989779	-1.01033	0.21403	1.18626	1.18626	0.280215	0.863679	-1.15784	0.0455364	0.74127	-1.34904
cg12408250	PRDM16;PRDM16	0.00694448	0.353398	0.840654	-1.18955	0.00131335	0.427383	-2.33982	0.024696	1.6261	1.6261	0.171395	0.76743	-1.30305	0.648431	0.919941	-1.08703
cg08537652	PRDM16;PRDM16	0.00695424	0.606391	0.944026	-1.05929	0.0858754	1.23413	1.23413	0.0494025	1.28215	1.28215	0.268736	0.880149	-1.13617	0.00145058	0.600531	-1.66519
cg01773689	PRDM16;PRDM16	0.0069611	0.160369	0.729859	-1.37013	0.000918482	2.82906	2.82906	0.00172578	2.55695	2.55695	0.894135	1.02835	1.02835	0.0777533	0.662582	-1.50925
cg13858944	PRDM16;PRDM16	0.00746248	0.0982126	0.809529	-1.23529	0.00409018	0.638362	-1.56651	0.00390629	0.635992	-1.57235	0.145176	0.833386	-1.19992	0.102812	0.812259	-1.23114
cg23258188	PRDM16;PRDM16	0.00757981	0.00718623	0.59731	-1.67417	0.0931377	0.760099	-1.31562	0.751446	1.04832	1.04832	0.00443288	0.568989	-1.7575	0.0958554	0.762145	-1.31209
cg13875033	PRDM16;PRDM16	0.00838681	0.0873854	0.616914	-1.62097	0.0202687	2.04702	2.04702	0.239827	1.37029	1.37029	0.493064	0.836798	-1.19503	0.0266412	0.510488	-1.95891
cg00581154	PRDM16;PRDM16	0.00979198	0.00989975	0.505823	-1.97698	0.224205	0.765639	-1.3061	0.00570513	0.468525	-2.13436	0.0197842	0.555107	-1.80145	0.0474101	0.622276	-1.607
cg22862319	PRDM16;PRDM16	0.00982827	0.979849	0.993622	-1.00642	0.000186077	4.94642	4.94642	0.0813646	1.63143	1.63143	0.436702	0.817894	-1.22265	0.96358	0.988498	-1.01164
cg02481237	PRDM16;PRDM16	0.0098335	0.0484027	2.05314	2.05314	0.0801835	1.85736	1.85736	0.149925	1.63618	1.63618	0.00261053	3.78056	3.78056	0.529766	0.816237	-1.22513
cg18024629	PRDM16;PRDM16	0.00987931	0.631548	0.866737	-1.15375	0.00226772	0.282478	-3.5401	0.00574637	0.342469	-2.91997	0.330829	1.34583	1.34583	0.162239	0.642949	-1.55533
cg20387569	PRDM16;PRDM16	0.0101066	0.176151	0.660106	-1.51491	0.716981	1.11086	1.11086	0.00390688	0.325665	-3.07064	0.673662	0.884857	-1.13013	0.000880928	0.236953	-4.22025
cg18396811	PRDM16;PRDM16	0.0103155	0.719771	0.880111	-1.13622	0.0959228	1.91211	1.91211	0.561489	0.812115	-1.23135	0.359634	0.716143	-1.39637	0.36778	0.720402	-1.38811
cg15390554	PRDM16;PRDM16	0.0106412	0.907033	0.959988	-1.04168	0.0415413	2.27381	2.27381	0.000472591	0.146677	-6.81768	0.916276	0.963912	-1.03744	0.804882	1.09037	1.09037
cg15727188	PRDM16;PRDM16	0.0109282	0.194244	0.692142	-1.44479	0.167773	0.674411	-1.48277	0.759776	1.08564	1.08564	0.551772	0.851027	-1.17505	0.00141963	0.290213	-3.44575
cg00254258	PRDM16;PRDM16	0.0109539	0.753377	1.07507	1.07507	0.00140969	2.89097	2.89097	0.539438	1.15336	1.15336	0.448664	0.837516	-1.19401	0.00307745	0.394351	-2.53582
cg00715999	PRDM16;PRDM16	0.0115604	0.370788	0.842729	-1.18662	0.81324	0.956893	-1.04505	0.225423	1.26749	1.26749	0.678157	0.925245	-1.08079	0.000365951	0.345469	-2.89461
cg11672390	PRDM16;PRDM16	0.0116642	0.947932	0.976984	-1.02356	0.0185145	2.76859	2.76859	0.103514	1.88669	1.88669	0.785355	1.10223	1.10223	0.0833528	0.504894	-1.98062
cg07956247	PRDM16;PRDM16	0.0119145	0.010308	0.449649	-2.22396	0.559703	1.15702	1.15702	0.00195796	0.338728	-2.95222	0.25539	0.745565	-1.34126	0.00151104	0.322986	-3.09611
cg11397493	PRDM16;PRDM16	0.0119935	0.934333	1.02089	1.02089	0.0182087	2.05296	2.05296	0.258239	1.34445	1.34445	0.107745	1.5533	1.5533	0.00215766	0.339389	-2.94648
cg12441214	PRDM16;PRDM16	0.0120776	0.619861	0.852259	-1.17335	0.00112495	4.63167	4.63167	0.119344	1.71661	1.71661	0.0143117	2.62629	2.62629	0.515614	1.2346	1.2346
cg08876274	PRDM16;PRDM16	0.0123874	0.621094	1.18888	1.18888	0.524302	1.25113	1.25113	0.053973	2.13738	2.13738	0.0218953	2.59853	2.59853	0.0452923	0.450505	-2.21973
cg19600583	PRDM16;PRDM16	0.0124596	0.0980781	0.683378	-1.46332	0.34918	0.816933	-1.22409	0.0471125	0.620845	-1.61071	0.40951	1.19359	1.19359	0.000536829	0.323058	-3.09542
cg12635191	PRDM16;PRDM16	0.0125059	0.370155	1.37619	1.37619	0.00510771	3.61035	3.61035	0.0389906	2.29123	2.29123	0.635238	1.18034	1.18034	0.00274228	0.238275	-4.19683
cg16262201	PRDM16;PRDM16	0.012509	0.0290746	2.64036	2.64036	0.0082979	3.5742	3.5742	0.0074266	3.67473	3.67473	0.927824	1.03479	1.03479	0.455614	1.33218	1.33218
cg27575873	PRDM16;PRDM16	0.0125155	0.420225	0.897793	-1.11384	0.0298212	1.39753	1.39753	0.48856	0.911995	-1.0965	0.53486	1.08577	1.08577	0.0202955	1.44244	1.44244
cg01713250	PRDM16;PRDM16	0.0128115	0.160977	0.832934	-1.20058	0.00431967	1.59324	1.59324	0.219229	0.854068	-1.17087	0.228868	0.857123	-1.16669	0.101894	0.803643	-1.24433
cg00761129	PRDM16;PRDM16	0.0129253	0.0422195	0.689988	-1.4493	0.0302449	1.49781	1.49781	0.710318	0.942553	-1.06095	0.0378958	0.68268	-1.46481	0.00999854	0.597066	-1.67486
cg08642716	PRDM16;PRDM16	0.0141689	0.002833	0.237552	-4.2096	0.148674	0.581798	-1.71881	0.156791	0.588868	-1.69817	0.393182	0.736501	-1.35777	0.00529342	0.27657	-3.61572
cg02484476	PRDM16;PRDM16	0.0142766	0.362773	0.846675	-1.18109	0.216614	1.2603	1.2603	0.470456	0.877529	-1.13956	0.0999657	1.37815	1.37815	0.131718	0.748622	-1.33579
cg02330501	PRDM16;PRDM16	0.0146448	0.46505	1.34066	1.34066	0.00122204	0.154812	-6.45946	0.538644	0.78234	-1.27822	0.234176	1.63516	1.63516	0.410967	1.39306	1.39306
cg01203812	PRDM16;PRDM16	0.0148846	0.478569	0.81489	-1.22716	0.0473613	0.524848	-1.90532	0.0496044	1.88982	1.88982	0.343981	1.31915	1.31915	0.00464181	0.343027	-2.91523
cg07832245	PRDM16;PRDM16	0.0149109	0.853873	1.02854	1.02854	0.00501583	1.76243	1.76243	0.847411	1.02984	1.02984	0.210357	1.22322	1.22322	0.00152318	0.498209	-2.00719
cg07597386	PRDM16;PRDM16	0.0150202	0.638443	0.849793	-1.17676	0.171838	0.606403	-1.64907	0.0209453	2.59982	2.59982	0.409743	1.33634	1.33634	0.00670004	0.298357	-3.35169
cg13392571	PRDM16;PRDM16	0.015345	0.180248	1.20215	1.20215	0.000509173	2.01879	2.01879	0.0216473	1.42871	1.42871	0.201446	1.1907	1.1907	0.0139654	1.48115	1.48115
cg19704073	PRDM16;PRDM16	0.0167548	0.571518	1.19678	1.19678	0.000472504	5.61459	5.61459	0.119575	1.69999	1.69999	0.269111	0.696573	-1.4356	0.443664	0.782422	-1.27808
cg06724693	PRDM16;PRDM16	0.0167803	0.194489	0.709549	-1.40934	0.0410526	1.80286	1.80286	0.154999	1.46299	1.46299	0.50113	0.843076	-1.18613	0.173506	1.43624	1.43624
cg03254465	PRDM16;PRDM16	0.0174577	0.010156	0.30304	-3.29989	0.0205458	0.357884	-2.7942	0.178071	0.59039	-1.6938	0.530766	0.791496	-1.26343	0.000823057	0.156334	-6.39656
cg22388607	PRDM16;PRDM16	0.0178153	0.0214781	7.14156	7.14156	0.0278931	6.35456	6.35456	0.135791	3.13948	3.13948	0.0757847	4.08176	4.08176	0.0175132	7.82896	7.82896
cg27444751	PRDM16;PRDM16	0.0182192	0.120534	1.62959	1.62959	0.0014696	3.78664	3.78664	0.0136772	2.42136	2.42136	0.151528	1.56148	1.56148	0.856215	1.05401	1.05401
cg04882222	PRDM16;PRDM16	0.0184195	0.80136	1.0324	1.0324	0.58619	1.072	1.072	0.679755	0.948854	-1.0539	0.0580213	1.31128	1.31128	0.381725	0.892733	-1.12016
cg10442735	PRDM16;PRDM16	0.0184588	0.220673	1.67945	1.67945	0.000858589	7.50597	7.50597	0.339696	1.48622	1.48622	0.131847	1.92499	1.92499	0.303398	1.53608	1.53608
cg07902789	PRDM16;PRDM16	0.0185498	0.0913884	0.745686	-1.34105	0.598951	1.08738	1.08738	0.128763	0.771719	-1.29581	0.0470461	0.698533	-1.43157	0.69449	0.939592	-1.06429
cg17001566	PRDM16;PRDM16	0.0193987	0.0352055	6.86185	6.86185	0.0344866	6.9314	6.9314	0.0556543	5.48814	5.48814	0.156922	3.28256	3.28256	0.0183832	9.45031	9.45031
cg09282201	PRDM16;PRDM16	0.0194033	0.0250963	0.240962	-4.15003	0.0493116	0.301687	-3.31469	0.487879	0.686317	-1.45705	0.621059	1.30493	1.30493	0.00305151	0.114479	-8.7352
cg23069843	PRDM16;PRDM16	0.019445	0.205144	0.742962	-1.34596	0.149256	1.41016	1.41016	0.820486	1.05181	1.05181	0.709815	0.920284	-1.08662	0.0010922	0.342751	-2.91757
cg22949832	PRDM16;PRDM16	0.0196165	0.0173938	1.79605	1.79605	0.0482653	1.57839	1.57839	0.194926	0.757869	-1.31949	0.221603	0.771208	-1.29667	0.0850184	0.680378	-1.46977
cg12578250	PRDM16;PRDM16	0.0203514	0.438573	0.93909	-1.06486	0.0881094	1.16148	1.16148	0.52804	1.05217	1.05217	0.960847	0.996103	-1.00391	0.40712	0.934774	-1.06978
cg25362585	PRDM16;PRDM16	0.0210933	0.0383347	1.6432	1.6432	0.0733342	1.51166	1.51166	0.122459	1.4139	1.4139	0.447638	0.852017	-1.17368	0.0589383	0.643161	-1.55482
cg02831383	PRDM16;PRDM16	0.0214555	0.0292161	0.772232	-1.29495	0.328596	1.10676	1.10676	0.414118	1.08761	1.08761	0.0228773	0.760416	-1.31507	0.451041	0.925657	-1.08031
cg05952379	PRDM16;PRDM16	0.0216426	0.365155	0.636097	-1.57209	0.0026378	0.132204	-7.56408	0.0092885	0.200954	-4.97627	0.881926	1.07494	1.07494	0.00645073	0.178668	-5.59699
cg00353844	PRDM16;PRDM16	0.0221047	0.010325	0.66785	-1.49734	0.351993	0.887222	-1.12711	0.148878	0.824146	-1.21338	0.415984	0.901348	-1.10945	0.157816	0.828058	-1.20765
cg19904265	PRDM16;PRDM16	0.0226747	0.835982	0.917903	-1.08944	0.177756	1.80723	1.80723	0.0211108	3.14535	3.14535	0.199314	1.75132	1.75132	0.861216	1.07499	1.07499
cg06526522	PRDM16;PRDM16	0.0228183	0.0402575	0.424896	-2.35352	0.0012846	0.183569	-5.44753	0.0731474	0.485863	-2.05819	0.209653	0.620287	-1.61216	0.0143907	0.336337	-2.97321
cg24641193	PRDM16;PRDM16	0.0233385	0.765724	1.04699	1.04699	0.699043	1.06152	1.06152	0.00925415	0.601949	-1.66127	0.012523	0.620427	-1.61179	0.00401631	0.552103	-1.81126
cg12800122	PRDM16;PRDM16	0.0237538	0.741694	1.17883	1.17883	0.00702012	5.66205	5.66205	0.00294126	7.62486	7.62486	0.468251	0.692749	-1.44352	0.99982	0.999888	-1.00011
cg11709254	PRDM16;PRDM16	0.0237779	0.0650411	0.715553	-1.39752	0.00521611	1.81391	1.81391	0.39754	0.869396	-1.15022	0.034726	0.671861	-1.4884	0.405822	0.871619	-1.14729
cg21160149	PRDM16;PRDM16	0.0239867	0.0980118	0.597791	-1.67282	0.253482	1.40224	1.40224	0.770472	1.08647	1.08647	0.783346	1.08127	1.08127	0.00102136	0.251462	-3.97674
cg06354193	PRDM16;PRDM16	0.0241078	0.59501	1.27814	1.27814	0.000436162	12.714	12.714	0.0713705	2.51202	2.51202	0.967745	1.01867	1.01867	0.592151	0.780869	-1.28062
cg25150520	PRDM16;PRDM16	0.0244535	0.0787962	0.718268	-1.39224	0.013363	1.68116	1.68116	0.191307	0.790934	-1.26433	0.33531	0.844985	-1.18345	0.0468111	1.47085	1.47085
cg12074391	PRDM16;PRDM16	0.024623	0.627168	0.837724	-1.19371	0.405516	1.36051	1.36051	0.00860529	3.36055	3.36055	0.526003	1.26168	1.26168	0.00448224	0.253889	-3.93873
cg03583979	PRDM16;PRDM16	0.0250771	0.145657	0.641778	-1.55817	0.649096	0.878052	-1.13888	0.544089	1.19043	1.19043	0.743088	0.910854	-1.09787	0.00131947	0.265389	-3.76806
cg15385853	PRDM16;PRDM16	0.0251305	0.0808217	1.85737	1.85737	0.0629132	0.512158	-1.95252	0.025505	2.33696	2.33696	0.833466	1.06965	1.06965	0.107866	1.75256	1.75256
cg24490279	PRDM16;PRDM16	0.0253086	0.547016	1.20802	1.20802	0.004028	0.301809	-3.31335	0.721041	1.11759	1.11759	0.458424	1.26379	1.26379	0.811865	1.07674	1.07674
cg22530255	PRDM16;PRDM16	0.0258893	0.543378	1.10256	1.10256	0.420386	0.877514	-1.13958	0.10311	0.753515	-1.32711	0.795262	1.04214	1.04214	0.433418	1.13528	1.13528
cg12133962	PRDM16;PRDM16	0.0259127	0.222913	0.685657	-1.45846	0.446201	0.795492	-1.25708	0.0626144	0.539348	-1.85409	0.302913	1.36949	1.36949	0.49088	0.813681	-1.22898
cg00790672	PRDM16;PRDM16	0.0260855	0.192891	0.820123	-1.21933	0.0107975	1.58535	1.58535	0.737102	0.952673	-1.04968	0.0606764	0.737615	-1.35572	0.0428112	0.714977	-1.39865
cg03748986	PRDM16;PRDM16	0.0266033	0.224267	1.37482	1.37482	0.612879	0.880537	-1.13567	0.211974	0.720477	-1.38797	0.878427	0.962551	-1.03891	0.799312	1.06559	1.06559
cg05573412	PRDM16;PRDM16	0.0269167	0.00285136	0.627754	-1.59298	0.533045	0.930909	-1.07422	0.0370274	0.759874	-1.31601	0.907587	0.986918	-1.01326	0.108935	0.820175	-1.21925
cg24395386	PRDM16;PRDM16	0.0275622	0.612743	1.12609	1.12609	0.0064648	2.27907	2.27907	0.330139	0.791522	-1.26339	0.425281	1.20855	1.20855	0.167736	0.710291	-1.40787
cg06380199	PRDM16;PRDM16	0.0283846	0.689739	1.09707	1.09707	0.378258	1.23209	1.23209	0.00817437	2.18456	2.18456	0.078382	1.57055	1.57055	0.672561	0.906518	-1.10312
cg00701856	PRDM16;PRDM16	0.0285507	0.121946	1.64409	1.64409	0.082279	0.565031	-1.76981	0.782698	1.08545	1.08545	0.320717	1.35565	1.35565	0.1811	0.656329	-1.52363
cg14030836	PRDM16;PRDM16	0.0286642	0.0117453	0.510152	-1.9602	0.588218	1.12399	1.12399	0.690222	0.917903	-1.08944	0.49452	1.1599	1.1599	0.0111624	0.506565	-1.97408
cg03935455	PRDM16;PRDM16	0.0287607	0.77084	0.926415	-1.07943	0.101816	0.625823	-1.5979	0.000545654	0.245156	-4.07903	0.673836	0.895135	-1.11715	0.371664	0.786596	-1.2713
cg10146008	PRDM16;PRDM16	0.0290103	0.443808	0.790538	-1.26496	0.0794189	0.556454	-1.79709	0.0913919	0.571398	-1.75009	0.393193	1.30124	1.30124	0.0224938	0.439175	-2.277
cg24003749	PRDM16;PRDM16	0.0290825	0.17479	0.742476	-1.34684	0.0738215	1.50851	1.50851	0.848138	1.04034	1.04034	0.609492	1.11214	1.11214	0.00740754	0.490786	-2.03755
cg22796923	PRDM16;PRDM16	0.0292415	0.0439721	0.356349	-2.80624	0.00455182	0.185541	-5.38964	0.0170602	0.273538	-3.6558	0.524417	0.750101	-1.33315	0.0582157	0.385132	-2.59651

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26864297	0.0421615	2.27609	2.27609	0.0295899	2.45938	2.45938	0.0209558	0.376826	-2.65374	0.0274714	2.49983	2.49983	6.9948	13.6747	1.73776	1
cg00049709	0.120993	1.22804	1.22804	0.0105534	1.48145	1.48145	0.772495	1.03605	1.03605	0.786674	1.0337	1.0337	6.95283	1.64354	0.21012	1
cg02390319	0.0104295	15.5682	15.5682	0.00116935	57.7762	57.7762	0.00206665	40.1749	40.1749	0.0145748	12.952	12.952	6.94353	79.6976	10.2026	1
cg22031783	0.0359369	0.219721	-4.55123	0.00660017	0.111895	-8.93695	0.177484	0.41065	-2.43516	0.128005	0.359941	-2.77824	6.91435	42.2307	5.42906	1
cg14380230	0.643611	0.882957	-1.13256	0.000685195	0.250162	-3.99741	0.128849	0.645001	-1.55039	0.282684	0.742112	-1.34751	6.86929	7.76631	1.00496	1
cg24878051	0.139866	1.39998	1.39998	0.942755	0.984904	-1.01533	0.74539	1.07145	1.07145	0.0178056	0.543235	-1.84082	6.78547	4.82126	0.63158	1
cg03386715	0.410601	1.11612	1.11612	0.000267805	2.1834	2.1834	0.549241	0.923931	-1.08233	0.18453	0.832138	-1.20172	6.6645	1.79921	0.239972	1
cg12408250	0.00517841	0.511246	-1.95601	0.0583698	1.47524	1.47524	0.727084	1.06577	1.06577	0.0957529	0.717052	-1.3946	6.63156	3.47064	0.465202	1
cg08537652	0.0653862	0.795142	-1.25764	0.00518369	0.664337	-1.50526	0.0480468	0.778447	-1.28461	0.383257	1.10417	1.10417	6.62866	1.28955	0.172925	1
cg01773689	0.309312	0.801781	-1.24722	0.569387	1.12833	1.12833	0.359661	1.21866	1.21866	0.674346	1.09279	1.09279	6.62662	4.62713	0.620678	1
cg13858944	0.0109976	0.689582	-1.45015	0.678277	1.0498	1.0498	0.0365692	1.32715	1.32715	0.0153979	0.707218	-1.41399	6.48419	1.39385	0.191077	1
cg23258188	0.136217	1.26925	1.26925	0.00799831	1.65659	1.65659	0.39682	1.13752	1.13752	0.0979691	0.763702	-1.30941	6.45257	2.25374	0.31047	1
cg13875033	0.0450936	1.80125	1.80125	0.0208771	2.03726	2.03726	0.0202025	2.0481	2.0481	0.0236994	0.500988	-1.99606	6.25043	6.48508	0.922259	1
cg00581154	0.065391	0.648831	-1.54123	0.0119158	1.92778	1.92778	0.721147	1.07784	1.07784	0.136528	0.71499	-1.39862	5.95046	4.12251	0.615827	1
cg22862319	0.0644614	1.6926	1.6926	0.0449196	1.79161	1.79161	0.376363	1.2586	1.2586	0.597638	1.14447	1.14447	5.94343	6.04208	0.903642	1
cg02481237	0.00530488	3.22852	3.22852	0.00835806	2.92978	2.92978	0.0148974	2.59923	2.59923	0.0097104	2.83913	2.83913	5.94242	9.57594	1.4324	1
cg18024629	0.564649	0.841686	-1.18809	0.00857111	2.69824	2.69824	0.75892	1.0954	1.0954	0.267011	0.710135	-1.40818	5.93361	8.23407	1.23351	1
cg20387569	0.00520403	0.344748	-2.90067	0.0633303	0.547116	-1.82777	0.581379	0.851433	-1.17449	0.0999454	0.594145	-1.68309	5.8906	7.7817	1.17425	1
cg18396811	0.827555	0.92558	-1.0804	0.000777692	0.164904	-6.06412	0.00559703	3.6313	3.6313	0.722437	1.13477	1.13477	5.85211	11.6467	1.76904	1
cg15390554	0.175109	1.65542	1.65542	?	?	?	0.773611	0.904104	-1.10607	0.177487	1.65028	1.65028	5.90909	10.1634	1.71995	1
cg15727188	0.236371	0.717176	-1.39436	0.00547763	2.66081	2.66081	0.0918492	1.6442	1.6442	0.73572	1.09501	1.09501	5.74463	6.53138	1.01062	1
cg00254258	0.455903	1.19052	1.19052	0.187617	1.37808	1.37808	0.159787	1.41193	1.41193	0.405388	0.822428	-1.21591	5.74028	4.79462	0.742453	1
cg00715999	0.465416	0.870825	-1.14834	0.0378533	1.56568	1.56568	0.764264	0.945543	-1.05759	0.202842	1.28442	1.28442	5.64129	3.09716	0.488015	1
cg11672390	0.0437946	2.28466	2.28466	0.562055	1.23245	1.23245	0.00143226	5.17517	5.17517	0.00838013	3.32301	3.32301	5.625	11.3246	1.78956	1
cg07956247	0.582491	0.871715	-1.14716	0.532378	0.855231	-1.16927	0.866374	0.959211	-1.04252	0.0743791	0.611653	-1.63491	5.58643	5.40996	0.860809	1
cg11397493	0.273062	1.33136	1.33136	0.550707	1.16355	1.16355	0.376949	1.25543	1.25543	0.0156803	0.475616	-2.10254	5.57447	5.5579	0.886247	1
cg12441214	0.849659	1.06254	1.06254	0.662489	1.15074	1.15074	0.00207137	4.00047	4.00047	0.202485	1.53752	1.53752	5.56185	9.00297	1.43885	1
cg08876274	0.00288251	4.14974	4.14974	0.0313255	2.40373	2.40373	0.010638	3.05027	3.05027	0.0877478	1.92394	1.92394	5.51625	10.5331	1.69731	1
cg19600583	0.117879	1.42798	1.42798	0.97353	1.00699	1.00699	0.191097	1.33698	1.33698	0.750516	1.06922	1.06922	5.50584	3.83835	0.619682	1
cg12635191	0.123809	0.560846	-1.78302	0.268479	1.49168	1.49168	0.420436	1.33055	1.33055	0.739215	0.89055	-1.1229	5.49919	10.485	1.69479	1
cg16262201	0.189977	1.68867	1.68867	0.110993	1.92585	1.92585	0.00140015	5.7358	5.7358	0.0120456	3.26044	3.26044	5.49874	12.4067	2.00558	1
cg27575873	0.00457534	1.63933	1.63933	0.00426135	1.64988	1.64988	0.214975	0.842911	-1.18637	0.398422	0.892978	-1.11985	5.49782	1.49253	0.241312	1
cg01713250	0.25006	1.15807	1.15807	0.00334643	1.6282	1.6282	0.517037	1.08351	1.08351	0.3581	0.891028	-1.1223	5.4561	1.28805	0.209845	1
cg00761129	0.738444	1.05458	1.05458	0.00630862	1.75783	1.75783	0.768802	0.954334	-1.04785	0.630249	1.07995	1.07995	5.44038	2.16668	0.354008	1
cg08642716	0.139682	0.57365	-1.74322	0.00314301	0.243753	-4.10252	0.0113732	0.330254	-3.02797	0.122051	0.556548	-1.79679	5.27903	10.2224	1.72126	1
cg02484476	0.145509	1.32062	1.32062	0.0142092	0.583774	-1.71299	0.00175369	2.21104	2.21104	0.688852	1.07425	1.07425	5.26589	2.64057	0.445732	1
cg02330501	0.0537352	2.37177	2.37177	0.0148352	3.26029	3.26029	0.565036	1.25778	1.25778	0.323867	1.49443	1.49443	5.22187	12.8578	2.18871	1
cg01203812	0.138657	1.57295	1.57295	0.0137234	2.37703	2.37703	0.201081	0.681361	-1.46765	0.807529	1.07181	1.07181	5.19394	6.64158	1.13664	1
cg07832245	0.274724	1.18943	1.18943	0.96752	1.00623	1.00623	0.949381	1.00974	1.00974	0.139893	1.27438	1.27438	5.19092	1.91564	0.328033	1
cg07597386	0.0293125	2.41791	2.41791	0.0191128	2.65207	2.65207	0.123091	1.77622	1.77622	0.696282	0.873796	-1.14443	5.17839	9.70002	1.66504	1
cg13392571	0.917677	0.986712	-1.01347	0.069603	1.30028	1.30028	0.126835	1.2382	1.2382	0.633413	1.06414	1.06414	5.14185	1.36328	0.235676	1
cg19704073	0.735682	0.899022	-1.11232	0.0556498	1.97645	1.97645	0.178898	1.56615	1.56615	0.737508	0.899714	-1.11146	4.99367	7.80626	1.38954	1
cg06724693	0.0160881	2.08834	2.08834	0.00553531	2.48768	2.48768	0.0731633	0.60679	-1.64802	0.181783	0.701634	-1.42524	4.99114	4.94045	0.879862	1
cg03254465	0.637991	0.839859	-1.19068	0.699792	0.867028	-1.15337	0.022913	0.367056	-2.72438	0.338231	0.695211	-1.43841	4.92547	10.5786	1.90909	1
cg22388607	0.0166458	8.01106	8.01106	0.00279974	18.7561	18.7561	0.0130044	8.96474	8.96474	0.0333525	5.8695	5.8695	4.89206	39.2432	7.1305	1
cg27444751	0.540968	1.1966	1.1966	0.0313989	2.07937	2.07937	0.00664319	2.77747	2.77747	0.0924517	1.7109	1.7109	4.85531	6.46713	1.18398	1
cg04882222	0.496426	1.09127	1.09127	0.000413031	2.03185	2.03185	0.57167	1.07497	1.07497	0.232065	0.853406	-1.17177	4.83746	1.22561	0.225206	1
cg10442735	0.0250372	2.92554	2.92554	0.538965	0.778433	-1.28463	0.01029	3.6767	3.6767	0.0794007	2.19036	2.19036	4.83399	12.4132	2.28258	1
cg07902789	0.076168	1.36542	1.36542	0.00251564	1.93924	1.93924	0.591543	1.08927	1.08927	0.101922	0.75382	-1.32658	4.82598	1.90444	0.350775	1
cg17001566	0.0167415	9.90165	9.90165	0.00291252	24.8281	24.8281	0.00818427	14.2495	14.2495	0.0951951	4.21839	4.21839	4.75354	46.4088	8.67822	1
cg09282201	0.0788359	0.352607	-2.83602	0.0350383	3.71277	3.71277	0.0889897	0.367195	-2.72335	0.578894	0.741235	-1.3491	4.75316	21.4751	4.01607	1
cg23069843	0.459887	0.846002	-1.18203	0.0214361	1.8482	1.8482	0.370951	0.815314	-1.22652	0.443409	0.840569	-1.18967	4.7497	3.71578	0.695395	1
cg22949832	0.268175	0.791971	-1.26267	0.00540348	2.09695	2.09695	0.234804	1.28637	1.28637	0.821371	0.955299	-1.04679	4.73558	3.06698	0.575685	1
cg12578250	0.399416	1.07103	1.07103	0.000450136	1.55281	1.55281	0.300499	0.918203	-1.08908	0.625348	1.03992	1.03992	4.67678	0.468627	0.0890691	1
cg25362585	0.097571	0.686488	-1.45669	0.00602206	2.1013	2.1013	0.0817996	1.49045	1.49045	0.335868	1.22795	1.22795	4.62003	3.13315	0.602814	1
cg02831383	0.444083	0.924511	-1.08165	0.00657484	1.42626	1.42626	0.0549091	0.803328	-1.24482	0.155444	0.858201	-1.16523	4.59321	0.736192	0.14247	1
cg05952379	0.157578	0.479631	-2.08494	0.0354177	0.303963	-3.28988	0.732005	0.846086	-1.18191	0.447382	0.686257	-1.45718	4.57958	17.1453	3.32788	1
cg00353844	0.310208	1.14018	1.14018	0.00306723	1.65948	1.65948	0.516467	0.921102	-1.08566	0.307047	0.876249	-1.14123	4.54653	1.12388	0.219729	1
cg19904265	0.0234192	3.06157	3.06157	0.601726	0.804453	-1.24308	0.00190122	6.15913	6.15913	0.180649	0.555778	-1.79928	4.50692	12.1875	2.40371	1
cg06526522	0.250749	0.648257	-1.5426	0.0148239	0.338652	-2.95288	0.28029	0.666728	-1.49986	0.0803292	0.496241	-2.01515	4.49713	9.29212	1.83665	1
cg24641193	0.567874	1.09278	1.09278	0.0613926	0.723335	-1.38249	0.172102	0.799821	-1.25028	0.14784	0.787724	-1.26948	4.46231	1.66908	0.33248	1
cg12800122	0.273566	1.76252	1.76252	0.0114592	4.82385	4.82385	0.0965074	2.47849	2.47849	0.367923	1.58411	1.58411	4.4352	17.3793	3.4831	1
cg11709254	0.593223	0.916574	-1.09102	0.0278315	1.52198	1.52198	0.515954	0.89905	-1.11228	0.30705	0.842957	-1.1863	4.43364	1.83291	0.367476	1
cg21160149	0.0968027	1.67654	1.67654	0.111002	0.611281	-1.63591	0.551511	0.843003	-1.18624	0.542876	0.839797	-1.19076	4.42025	5.62568	1.1313	1
cg06354193	0.593873	1.27913	1.27913	0.22734	1.78547	1.78547	0.113463	2.19855	2.19855	0.198227	1.86258	1.86258	4.41254	14.6205	2.94524	1
cg25150520	0.0301208	1.54086	1.54086	0.0643807	1.4223	1.4223	0.105137	1.3501	1.3501	0.442766	0.875755	-1.14187	4.39082	1.99855	0.404591	1
cg12074391	0.674469	0.858287	-1.16511	0.390635	0.727454	-1.37466	0.0519918	2.225	2.225	0.370672	1.39451	1.39451	4.3803	9.07845	1.84228	1
cg03583979	0.320256	0.747096	-1.33852	0.407017	1.27226	1.27226	0.0240854	2.14628	2.14628	0.96038	0.985996	-1.0142	4.35257	5.55567	1.13459	1
cg15385853	0.781759	1.09287	1.09287	0.00675875	3.07347	3.07347	0.0777016	1.87205	1.87205	0.131712	0.594311	-1.68262	4.34935	7.04482	1.43977	1
cg24490279	0.335748	1.36042	1.36042	0.00482718	3.1877	3.1877	0.86962	1.05226	1.05226	0.0999176	1.74899	1.74899	4.33867	6.6071	1.35363	1
cg22530255	0.436057	1.13442	1.13442	0.00055183	2.3425	2.3425	0.968788	1.00623	1.00623	0.593251	1.08934	1.08934	4.30448	1.71753	0.354674	1
cg12133962	0.057459	1.8835	1.8835	0.0411878	0.499546	-2.00182	0.00375407	0.315754	-3.16702	0.243134	1.43317	1.43317	4.30312	5.91718	1.2223	1
cg00790672	0.0577505	1.36173	1.36173	0.0655697	1.34634	1.34634	0.566008	0.919901	-1.08707	0.274197	0.84897	-1.1779	4.29315	1.40804	0.291532	1
cg03748986	0.0408955	1.80117	1.80117	0.00239745	2.87157	2.87157	0.0118546	2.1888	2.1888	0.231816	1.36711	1.36711	4.26373	4.19859	0.875309	1
cg05573412	0.271742	1.13853	1.13853	0.13969	1.19748	1.19748	0.162282	1.18434	1.18434	0.15912	0.843125	-1.18606	4.24626	0.864738	0.181019	1
cg24395386	0.225993	1.34419	1.34419	0.00544778	0.427145	-2.34112	0.990148	1.00288	1.00288	0.508468	0.855506	-1.1689	4.21107	3.60993	0.761998	1
cg06380199	0.364078	1.24028	1.24028	0.227219	1.34002	1.34002	0.00158698	2.84823	2.84823	0.0481196	1.68458	1.68458	4.16769	3.51838	0.750404	1
cg00701856	0.0360859	2.06049	2.06049	0.00325957	3.28588	3.28588	0.148297	1.58388	1.58388	0.168733	1.54482	1.54482	4.15912	5.79364	1.23822	1
cg14030836	0.0733084	0.652442	-1.5327	0.0135179	0.520139	-1.92256	0.216062	1.32099	1.32099	0.19718	0.747125	-1.33846	4.15329	3.00762	0.643692	1
cg03935455	0.918066	1.02729	1.02729	0.126629	0.648942	-1.54097	0.369377	1.27284	1.27284	0.697901	0.902961	-1.10747	4.14837	4.49944	0.964115	1
cg10146008	0.208862	1.49007	1.49007	0.30792	0.727802	-1.374	0.017363	2.39203	2.39203	0.0673931	1.85339	1.85339	4.13571	5.93655	1.27594	1
cg24003749	0.258123	0.783921	-1.27564	0.0155062	1.84511	1.84511	0.923453	0.980367	-1.02003	0.0993352	0.688863	-1.45167	4.13208	2.78554	0.599222	1
cg22796923	0.0271223	0.311606	-3.20918	0.00895042	0.227172	-4.40194	0.295257	0.616415	-1.62228	0.2187	0.561772	-1.78008	4.12411	12.9782	2.79726	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01146808	PRDM1;PRDM1	0.00284425	0.0189912	0.267234	-3.74204	0.71593	0.843824	-1.18508	0.00516991	0.179895	-5.55881	0.252559	0.573899	-1.74247	0.000844904	0.097114	-10.2972	0.00639847	0.192355	-5.19871	0.000378403	0.0714247	-14.0008	0.129596	0.467263	-2.14012	0.00719999	0.199539	-5.01155	8.69452	29.7288	3.03934	1
cg02667677	PRDM1;PRDM1	0.00311466	0.00408917	0.214479	-4.66245	0.000797867	0.132189	-7.56492	0.00204527	0.176126	-5.67774	0.0065209	0.243531	-4.10625	0.00315647	0.199508	-5.01233	0.00922909	0.267006	-3.74524	0.00849244	0.261232	-3.82801	0.196308	0.579293	-1.72624	0.0197115	0.324511	-3.08156	8.46328	21.4014	2.24776	1
cg08369079	PRDM1;PRDM1	0.00325551	0.00333237	0.103276	-9.68281	0.84926	0.897527	-1.11417	0.0308431	0.236775	-4.22342	0.00742619	0.140966	-7.09392	0.000579027	0.0485753	-20.5866	0.187863	0.452505	-2.20992	0.000988882	0.0619602	-16.1394	0.582954	0.729734	-1.37036	0.00821801	0.146447	-6.8284	8.35254	42.7073	4.54497	1
cg06789383	PRDM1;PRDM1	0.0036998	0.291492	0.873259	-1.14514	0.0118502	1.47551	1.47551	0.0806485	1.2711	1.2711	0.55566	0.928858	-1.07659	0.000206569	0.463279	-2.15853	0.203294	1.18089	1.18089	0.889947	1.01729	1.01729	0.0475249	1.32397	1.32397	0.523136	0.923002	-1.08342	8.03893	1.95181	0.215817	1
cg09305161	PRDM1;PRDM1	0.0048071	0.676221	0.881641	-1.13425	0.985514	0.99457	-1.00546	0.129956	0.612257	-1.6333	0.694704	1.12559	1.12559	0.0393492	0.489202	-2.04414	0.0276482	0.457969	-2.18355	9.18E-05	0.123057	-8.1263	0.673597	1.13549	1.13549	0.0408641	0.492659	-2.0298	7.42716	10.5815	1.26641	1
cg16648952	PRDM1;PRDM1	0.00861968	0.0210614	0.608035	-1.64464	0.434368	0.866733	-1.15376	0.663237	1.08173	1.08173	0.00113154	0.423605	-2.36069	0.657875	1.08319	1.08319	0.00192349	0.455058	-2.19752	0.64045	0.919113	-1.08801	0.396938	1.16828	1.16828	0.0355509	0.644837	-1.55078	6.19656	3.15526	0.452618	1
cg23778363	PRDM1;PRDM1	0.0274012	0.448687	0.714565	-1.39945	0.14683	0.507736	-1.96953	0.0999283	0.456233	-2.19186	0.00777471	0.225883	-4.42707	0.282157	0.614775	-1.62661	0.855513	0.923723	-1.08258	0.0138808	3.75564	3.75564	0.757284	0.873767	-1.14447	0.0194328	0.292307	-3.42106	4.21976	12.6635	2.66755	1
cg17965230	PRDM1;PRDM1	0.0291651	0.786845	0.928128	-1.07744	0.015689	2.25909	2.25909	0.0369602	1.94782	1.94782	0.00256206	3.16131	3.16131	0.265227	1.37645	1.37645	0.970185	1.01034	1.01034	0.663234	1.12814	1.12814	0.0423844	1.90273	1.90273	0.0368073	1.94921	1.94921	4.12793	4.95077	1.06608	1
cg22196848	PRDM1;PRDM1	0.0326302	0.44828	1.92659	1.92659	0.135642	3.91442	3.91442	0.156301	3.62125	3.62125	0.668057	0.693465	-1.44203	0.999978	0.999977	-1.00002	?	?	?	0.062304	0.168541	-5.93327	0.00477362	24.0207	24.0207	0.0288621	8.90543	8.90543	4.03154	40.8663	10.1367	1
cg17143179	PRDM1;PRDM1;PRDM1	0.00252481	0.0117306	0.253992	-3.93714	0.00936482	0.238278	-4.19678	0.00308237	0.171486	-5.83139	0.0417959	0.360112	-2.77692	0.000210788	0.067406	-14.8355	0.00512841	0.200008	-4.99981	0.0158542	0.276318	-3.61902	0.2882	0.618808	-1.61601	0.00284026	0.167204	-5.98071	9.00583	27.0253	2.66744	1
cg20464068	PRDM2	0.00083073	0.919451	1.01767	1.01767	0.0464704	1.4842	1.4842	0.486181	1.13034	1.13034	0.0695874	1.42109	1.42109	2.42E-05	0.233008	-4.2917	0.139118	1.31739	1.31739	0.0126191	1.71084	1.71084	0.178409	1.28091	1.28091	0.745034	1.05813	1.05813	12.3998	5.88799	0.422086	1
cg00922376	PRDM2	0.00193182	0.000511927	0.0752523	-13.2886	0.185324	0.534062	-1.87244	0.527163	0.752689	-1.32857	0.000327721	0.0617599	-16.1917	?	?	?	?	?	?	?	?	?	0.0876677	0.428608	-2.33313	0.689997	1.19431	1.19431	12.5612	25.4269	2.36162	1
cg19300923	PRDM2	0.0111332	0.0989438	1.59894	1.59894	0.0175267	2.11709	2.11709	0.75853	1.08328	1.08328	0.0438788	1.82377	1.82377	0.00353387	0.358449	-2.7898	0.504606	1.19204	1.19204	0.0160329	2.14846	2.14846	0.0828632	1.64584	1.64584	0.0553691	1.75669	1.75669	5.71032	6.08738	0.947585	1
cg02330214	PRDM2	0.0136267	0.125402	1.59695	1.59695	0.0133931	2.37364	2.37364	0.281425	1.37155	1.37155	0.0558676	1.84291	1.84291	0.0023947	0.302954	-3.30084	0.772378	0.921403	-1.0853	0.0606253	1.81668	1.81668	0.114729	1.62273	1.62273	0.313289	1.34224	1.34224	5.34712	6.74544	1.12134	1
cg07596209	PRDM2	0.0174045	0.00460385	0.422179	-2.36866	0.993718	0.998201	-1.0018	0.283642	1.29009	1.29009	0.53471	0.866087	-1.15462	0.25697	0.762971	-1.31067	0.0038002	0.409565	-2.44162	0.434257	1.20014	1.20014	0.172959	1.39321	1.39321	0.097167	1.51631	1.51631	4.93051	4.08304	0.736104	1
cg26608693	PRDM2	0.0254134	0.0556002	0.387633	-2.57976	0.00838837	0.229634	-4.35475	0.162564	0.521339	-1.91814	0.139264	0.498962	-2.00416	0.0351281	0.342208	-2.9222	0.142062	0.501768	-1.99295	0.00934398	0.236864	-4.22183	0.00343136	0.176091	-5.67889	0.106243	0.46268	-2.16132	4.33243	13.0975	2.68724	1
cg24550112	PRDM2	0.0257356	0.00767953	0.195694	-5.11003	0.882346	0.931917	-1.07306	0.856333	0.91733	-1.09012	0.531268	0.73937	-1.3525	0.0503837	0.345786	-2.89196	0.424389	0.678111	-1.47469	0.0059229	0.180156	-5.55074	0.00432523	0.16267	-6.1474	0.144597	0.474209	-2.10877	4.31344	15.4874	3.19156	1
cg08425678	PRDM2	0.0361102	0.0170555	0.469154	-2.13149	0.959732	1.01323	1.01323	0.176277	1.45372	1.45372	0.230193	0.72066	-1.38762	0.0298558	0.514228	-1.94466	0.537912	1.17622	1.17622	0.00927619	0.423544	-2.36103	0.833818	0.946795	-1.05619	0.0480468	0.555402	-1.8005	3.82359	4.10082	0.95334	1
cg11344626	PRDM2	0.0445989	0.0189533	0.25393	-3.93809	0.0318816	0.297252	-3.36415	0.648817	0.801571	-1.24755	0.642932	0.798341	-1.2526	0.00889852	0.200737	-4.98163	0.1783	0.501613	-1.99357	0.0188825	0.25364	-3.94259	0.0290182	0.288947	-3.46084	0.182551	0.505397	-1.97864	3.53736	13.0377	3.2762	1
cg15585213	PRDM2;PRDM2	0.00795303	0.0413068	0.451072	-2.21694	0.00980588	0.331418	-3.01734	0.196413	0.630004	-1.58729	0.675299	0.867189	-1.15315	0.000739385	0.176664	-5.66046	0.0110054	0.339957	-2.94155	0.0082647	0.31906	-3.1342	0.0139382	0.357955	-2.79365	0.0233476	0.399879	-2.50076	6.35591	11.5172	1.6107	1
cg24715767	PRDM2;PRDM2	0.0115648	0.01754	3.10129	3.10129	0.00504746	4.27159	4.27159	0.078417	2.15008	2.15008	0.0417051	2.50748	2.50748	0.200138	1.69882	1.69882	0.679155	1.17687	1.17687	0.00100939	6.75588	6.75588	0.00942187	3.62801	3.62801	0.56439	1.25626	1.25626	5.6406	13.697	2.15847	1
cg21584052	PRDM2;PRDM2	0.0225059	0.965847	1.00855	1.00855	0.246347	0.785879	-1.27246	0.221164	1.29125	1.29125	0.83309	0.958924	-1.04284	0.664098	0.916822	-1.09072	0.0119084	0.535897	-1.86603	0.00740633	1.98514	1.98514	0.295277	1.24076	1.24076	0.0177251	0.563736	-1.77388	4.51852	2.82691	0.556113	1
cg12379145	PRDM2;PRDM2;PRDM2	0.00152591	0.000571805	0.0964589	-10.3671	0.000535785	0.0942164	-10.6139	0.00919444	0.234548	-4.26352	0.0556168	0.386344	-2.58837	0.00141402	0.131874	-7.583	0.0141605	0.265191	-3.77087	0.0027331	0.163056	-6.13287	0.00412836	0.185167	-5.40053	0.00459462	0.191255	-5.22862	10.428	31.7529	2.70663	1
cg25402049	PRDM2;PRDM2;PRDM2	0.0168922	0.00833562	0.386442	-2.58771	0.322124	0.749446	-1.33432	0.537717	0.838651	-1.19239	0.825143	0.93951	-1.06438	0.0161091	0.435892	-2.29415	0.931074	1.02469	1.02469	0.681663	1.12334	1.12334	0.601849	1.16002	1.16002	0.000984675	0.251263	-3.97989	4.98007	6.27179	1.11945	1
cg10781972	PRDM2;PRDM2;PRDM2;PRDM2	6.56E-05	0.64385	0.868223	-1.15178	0.000121661	7.66502	7.66502	0.0428589	2.02878	2.02878	0.924642	1.02913	1.02913	0.130189	0.608881	-1.64236	0.173266	1.55242	1.55242	0.0391497	0.484565	-2.06371	1.74E-06	37.6556	37.6556	0.388975	0.764932	-1.30731	24.7683	36.1383	1.29694	1
cg21605566	PRDM2;PRDM2;PRDM2;PRDM2	0.000298079	1.46E-05	0.0744607	-13.4299	0.216543	1.45477	1.45477	0.00309017	3.21289	3.21289	0.026047	0.467037	-2.14116	0.894729	0.962556	-1.0389	0.000895943	0.238513	-4.19264	0.414112	1.27209	1.27209	0.752178	0.912729	-1.09562	0.889234	1.04099	1.04099	16.4791	21.6872	1.16981	1
cg03988675	PRDM2;PRDM2;PRDM2;PRDM2	0.00779999	0.302881	0.764807	-1.30752	0.276002	1.32937	1.32937	0.828359	1.05607	1.05607	0.970466	1.00935	1.00935	0.731508	1.09039	1.09039	0.257085	1.34605	1.34605	0.894046	0.967075	-1.03405	9.13E-05	5.79154	5.79154	0.325295	1.2907	1.2907	6.39485	6.39318	0.888658	1
cg26227101	PRDM2;PRDM2;PRDM2;PRDM2	0.0150191	0.35313	1.14195	1.14195	0.0233748	1.45701	1.45701	0.0134879	1.52946	1.52946	0.225898	0.838046	-1.19325	0.467867	1.10808	1.10808	0.279081	0.855258	-1.16924	0.116403	0.788962	-1.26749	0.00618811	0.608949	-1.64217	0.116	0.78872	-1.26788	5.17852	1.58316	0.271749	1
cg09360458	PRDM2;PRDM2;PRDM2;PRDM2	0.0330255	0.350766	0.655874	-1.52468	0.946793	0.971115	-1.02974	0.186948	0.541	-1.84843	0.0133633	3.84121	3.84121	0.0205432	0.293609	-3.40588	0.96817	1.01768	1.01768	0.592356	1.2679	1.2679	0.00976944	0.238119	-4.19958	0.71747	1.17303	1.17303	3.94896	12.0633	2.71537	1
cg07708453	PRDM2;PRDM2;PRDM2;PRDM2;PRDM2	0.00125303	0.00306482	0.578418	-1.72885	0.00144331	1.86214	1.86214	0.814962	1.03216	1.03216	0.174725	0.82292	-1.21519	0.322964	0.871239	-1.14779	0.437257	1.11293	1.11293	0.287422	0.861458	-1.16082	0.441445	1.1118	1.1118	0.000130829	0.407973	-2.45114	11.0346	3.18575	0.256626	1
cg00124011	PRDM2;PRDM2;PRDM2;PRDM2;PRDM2	0.00691137	0.7971	1.05476	1.05476	0.816939	1.04915	1.04915	0.389453	1.20022	1.20022	0.948621	0.986753	-1.01342	0.58475	0.892085	-1.12097	0.505687	1.14999	1.14999	0.000117337	0.247636	-4.03819	0.342101	1.22453	1.22453	0.121816	1.4149	1.4149	6.64144	4.50432	0.602857	1
cg06196926	PRDM4	0.000355365	3.82E-05	0.204747	-4.88406	0.00106339	0.378537	-2.64175	0.600351	1.11197	1.11197	0.144237	0.729833	-1.37018	0.0455191	0.630999	-1.58479	0.0204174	0.570622	-1.75247	4.62E-05	0.213345	-4.68724	0.870498	0.967773	-1.0333	0.466631	0.8618	-1.16036	15.7034	10.0256	0.567497	1
cg03909902	PRDM4	0.00299056	0.0455297	0.863273	-1.15838	0.103532	0.892127	-1.12092	0.664447	1.02838	1.02838	0.0930865	0.888299	-1.12575	0.284482	0.931199	-1.07388	0.986533	1.00108	1.00108	8.99E-05	1.56706	1.56706	0.534461	1.04116	1.04116	0.145562	0.904667	-1.10538	8.56616	0.557655	0.0578665	1
cg12900929	PRDM4;PRDM4	0.0124908	0.310043	1.12717	1.12717	0.904604	1.01376	1.01376	0.01731	1.39148	1.39148	0.00420911	1.54776	1.54776	0.418187	1.09887	1.09887	0.069176	0.793171	-1.26076	0.328202	0.891353	-1.12189	0.00400861	1.55374	1.55374	0.0622927	1.27017	1.27017	5.50136	1.13161	0.182842	1
cg06329345	PRDM5	0.000385786	6.14E-05	0.514235	-1.94464	0.216786	0.889661	-1.12402	0.0588889	0.825369	-1.21158	0.0328682	1.25173	1.25173	0.362369	1.08787	1.08787	0.0016152	0.665869	-1.5018	0.0628971	0.828415	-1.20712	0.477965	0.93716	-1.06705	0.000575209	1.61506	1.61506	15.3525	1.96779	0.113932	1
cg10416963	PRDM5	0.000601329	0.000552561	0.308696	-3.23943	0.0579124	0.625025	-1.59994	0.70117	0.918948	-1.0882	0.00811737	2.10218	2.10218	0.000555203	0.308963	-3.23664	0.0625839	0.631668	-1.58311	0.000523848	0.305725	-3.27091	0.000824697	0.331416	-3.01736	0.11913	0.6902	-1.44886	13.5755	10.3324	0.676541	1
cg22135105	PRDM5	0.00757282	0.174206	1.15199	1.15199	0.776821	1.02821	1.02821	0.551283	1.06078	1.06078	0.00132221	0.633024	-1.57972	0.131556	1.17274	1.17274	0.214627	0.879962	-1.13641	0.00443396	0.689582	-1.45015	0.955065	0.994499	-1.00553	0.0293286	1.28565	1.28565	6.45444	0.979466	0.13489	1
cg10453550	PRDM5	0.0105821	0.094329	0.55494	-1.802	0.0840039	0.542155	-1.84449	0.00434209	0.295105	-3.38862	0.935632	1.0262	1.0262	0.00134777	0.225128	-4.44192	0.461893	0.786768	-1.27102	0.019103	0.403243	-2.47989	0.124372	1.70365	1.70365	0.777238	1.09508	1.09508	5.80439	9.42541	1.44341	1
cg05713693	PRDM5	0.0479379	0.863094	0.985019	-1.01521	0.693166	0.965913	-1.03529	0.0933893	0.850956	-1.17515	0.535199	1.05646	1.05646	0.975025	1.00274	1.00274	0.852306	1.01643	1.01643	0.051528	0.823793	-1.2139	0.206974	0.890127	-1.12344	0.00358036	1.41206	1.41206	3.44265	0.417031	0.107677	1
cg13155001	PRDM5;PRDM5	0.00993745	0.00868041	0.206814	-4.83525	0.859871	0.920119	-1.08682	0.0749345	0.392805	-2.54579	0.63801	0.7999	-1.25016	0.260292	0.575108	-1.7388	0.000686749	0.0869394	-11.5023	0.565273	0.760432	-1.31504	0.181266	1.95164	1.95164	0.0708606	2.58796	2.58796	5.92249	20.8206	3.1249	1
cg10535922	PRDM6	1.17E-05	0.0311056	1.29386	1.29386	7.00E-07	3.93718	3.93718	0.000361004	1.79043	1.79043	0.183489	1.15453	1.15453	0.0217967	1.32356	1.32356	0.607421	1.05418	1.05418	0.0181467	0.746677	-1.33927	2.61E-06	3.1708	3.1708	0.0141024	1.36138	1.36138	38.9293	6.39237	0.145959	1
cg09508531	PRDM6	0.000168763	0.109768	0.606447	-1.64895	1.12E-05	14.5704	14.5704	0.980237	0.992919	-1.00713	0.950413	1.018	1.018	0.225795	1.44038	1.44038	0.020447	2.22858	2.22858	0.282021	0.725627	-1.37812	6.07E-05	8.367	8.367	0.00232442	3.38731	3.38731	19.2353	25.0719	1.1586	1
cg03701805	PRDM6	0.00031265	0.783415	1.05392	1.05392	0.00118589	0.404082	-2.47475	0.00015749	0.291661	-3.42864	0.00912709	0.531935	-1.87993	3.08E-05	0.212049	-4.71589	0.0147418	0.56438	-1.77185	0.124342	1.37321	1.37321	0.709009	1.07406	1.07406	0.859178	1.03443	1.03443	16.2651	9.35748	0.511386	1
cg07525144	PRDM6	0.00032798	0.0486886	0.801767	-1.24724	0.000647961	1.67086	1.67086	0.508193	1.06808	1.06808	0.411362	1.08592	1.08592	0.933966	0.991901	-1.00816	0.0981685	0.836942	-1.19483	0.100087	0.837945	-1.1934	0.836847	1.02044	1.02044	1.08E-05	2.50996	2.50996	16.0531	2.44805	0.135553	1
cg15193171	PRDM6	0.000514722	0.247215	0.908483	-1.10074	1.47E-05	2.04221	2.04221	0.638581	0.963167	-1.03824	0.126636	0.877151	-1.14005	0.0386905	0.82701	-1.20918	0.558522	0.95415	-1.04805	0.0294741	0.815964	-1.22554	0.319078	0.921563	-1.08511	0.0149384	1.26797	1.26797	14.1759	1.41287	0.0885931	1
cg01085125	PRDM6	0.000697111	0.285745	0.703361	-1.42174	0.712182	1.12481	1.12481	0.0250629	2.33015	2.33015	0.241656	1.47547	1.47547	0.0022031	3.90452	3.90452	0.00504471	3.24478	3.24478	0.402588	0.76195	-1.31242	2.15E-05	15.0779	15.0779	0.0111751	2.74351	2.74351	13.026	20.7819	1.41815	1
cg04503968	PRDM6	0.00074027	0.575707	0.846704	-1.18105	0.270563	0.713484	-1.40157	0.00416807	3.0956	3.0956	0.422746	0.785857	-1.2725	0.594974	0.853925	-1.17106	0.167553	1.54176	1.54176	0.0145647	0.41249	-2.4243	2.96E-05	11.1125	11.1125	0.0208858	2.26625	2.26625	12.8084	17.569	1.21927	1
cg26244952	PRDM6	0.000873849	0.468426	1.20307	1.20307	3.26E-05	7.56559	7.56559	0.776894	1.07379	1.07379	0.899502	0.968832	-1.03217	0.867713	1.04266	1.04266	0.0109818	2.22499	2.22499	0.957296	0.98667	-1.01351	0.0011626	3.30464	3.30464	0.00174748	3.05937	3.05937	12.2241	12.1597	0.884208	1
cg00129563	PRDM6	0.00143433	0.510686	0.771053	-1.29693	0.525305	0.778155	-1.28509	0.0406874	2.51145	2.51145	0.672069	0.84711	-1.18048	0.492197	0.761982	-1.31237	0.647666	1.19639	1.19639	0.790395	1.10939	1.10939	1.64E-05	31.7354	31.7354	0.533506	1.27859	1.27859	10.6154	25.5311	2.13787	1
cg07056285	PRDM6	0.00159484	0.0944915	1.87508	1.87508	0.0138303	0.353275	-2.83066	0.304984	0.695368	-1.43809	0.00410197	0.26793	-3.73231	0.0361662	0.434629	-2.30082	0.00107581	0.191711	-5.21619	0.00095753	0.185856	-5.3805	0.0159798	2.74257	2.74257	0.0579296	0.480385	-2.08166	10.296	19.0751	1.64682	1
cg19644991	PRDM6	0.00202017	0.00848652	0.374252	-2.672	0.0330527	0.482359	-2.07314	0.00415856	0.325092	-3.07605	0.492962	0.815724	-1.22591	0.00026876	0.174006	-5.74692	0.00447107	0.329881	-3.0314	0.000686774	0.219472	-4.55639	0.134939	0.624114	-1.60227	0.00657378	0.356124	-2.80801	9.61374	13.0288	1.20464	1
cg26938014	PRDM6	0.00243008	0.0806408	0.479737	-2.08447	0.170965	0.575411	-1.73789	0.00249981	0.203448	-4.91527	0.0336997	0.390518	-2.5607	0.360741	0.700336	-1.42789	0.00235186	0.20008	-4.99799	0.00019183	0.0924082	-10.8216	0.0153717	0.323787	-3.08845	0.00214329	0.19503	-5.12741	9.10771	20.731	2.02329	1
cg01196322	PRDM6	0.00262258	0.503597	1.37461	1.37461	0.0947438	2.36508	2.36508	0.0158297	3.99706	3.99706	0.480641	0.714582	-1.39942	0.292252	1.66898	1.66898	0.871958	0.927179	-1.07854	0.560585	0.758927	-1.31765	3.71E-05	41.1731	41.1731	0.756402	1.15704	1.15704	8.90555	30.9919	3.0934	1
cg14469693	PRDM6	0.00344912	0.00166081	0.349032	-2.86506	0.765995	0.932563	-1.07231	0.0382113	0.57012	-1.75402	0.00294565	0.384771	-2.59895	0.000448044	0.273865	-3.65144	0.0220128	0.525944	-1.90134	0.00931952	0.462295	-2.16312	0.237152	0.748479	-1.33604	0.00965525	0.464808	-2.15142	8.20969	7.11503	0.770367	1
cg07360792	PRDM6	0.00406302	0.000300862	21.6091	21.6091	0.0873423	2.68246	2.68246	0.765393	1.16935	1.16935	0.0771412	2.79374	2.79374	0.926036	0.952618	-1.04974	0.0307131	3.76922	3.76922	0.48739	1.44608	1.44608	0.00159005	10.69	10.69	0.00322603	8.17287	8.17287	7.81556	33.8286	3.84743	1
cg25116709	PRDM6	0.00418478	0.777314	0.927901	-1.0777	0.453512	0.817491	-1.22326	0.525015	0.843673	-1.18529	0.00319025	2.89394	2.89394	0.161443	0.67392	-1.48386	0.284623	0.745777	-1.34088	0.0365197	0.526574	-1.89907	0.0003604	4.52677	4.52677	0.650415	1.12795	1.12795	7.74619	8.54459	0.980506	1
cg24806571	PRDM6	0.0100601	0.0607025	0.461685	-2.16598	0.0031575	0.228932	-4.3681	0.00549784	0.263399	-3.79652	0.0556188	0.452603	-2.20944	0.045214	0.43182	-2.31578	0.176775	0.591676	-1.69011	0.00110842	0.172611	-5.79337	0.484879	0.771496	-1.29618	0.0291102	0.390662	-2.55976	5.89931	12.4815	1.88067	1
cg10480584	PRDM6	0.0135653	0.781583	0.914076	-1.094	0.0105992	2.82631	2.82631	0.277147	0.693956	-1.44101	0.836228	0.93528	-1.0692	0.440222	1.28973	1.28973	0.766698	1.10095	1.10095	0.607589	0.845838	-1.18226	0.000784294	5.16214	5.16214	0.0200701	2.47624	2.47624	5.35504	8.8616	1.47095	1
cg27083484	PRDM6	0.0159622	0.120165	1.94579	1.94579	0.00965595	3.64438	3.64438	0.0522485	2.3911	2.3911	0.77069	1.12233	1.12233	0.454098	1.35135	1.35135	0.269947	0.635342	-1.57396	0.00275213	5.11052	5.11052	0.00831588	3.78845	3.78845	0.0383796	2.57901	2.57901	5.07498	12.5318	2.19496	1
cg02300584	PRDM6	0.0199879	0.506595	0.681338	-1.4677	0.434284	0.634906	-1.57504	0.0127154	5.83032	5.83032	0.286591	1.87781	1.87781	0.677706	1.26868	1.26868	0.109473	2.70114	2.70114	0.283971	0.530567	-1.88478	0.00113317	15.2883	15.2883	0.175565	2.27086	2.27086	4.70553	24.1631	4.56449	1
cg01546873	PRDM6	0.0218923	0.724184	1.09413	1.09413	0.641236	1.12654	1.12654	0.00617325	0.403779	-2.4766	0.00380171	0.371162	-2.69424	0.956663	1.01389	1.01389	0.69817	0.905794	-1.104	0.00569264	0.398212	-2.51122	0.547146	0.856681	-1.1673	0.740641	0.919118	-1.088	4.56161	4.65748	0.907569	1
cg16069012	PRDM6	0.022166	0.338808	0.837632	-1.19384	0.0394946	0.651835	-1.53413	0.00237324	0.466953	-2.14154	0.00725169	0.53661	-1.86355	0.0992394	0.722711	-1.38368	0.269381	0.813269	-1.2296	0.61828	1.09447	1.09447	0.767701	1.05467	1.05467	0.0254979	0.620633	-1.61126	4.54221	2.32303	0.454607	1
cg17294620	PRDM6	0.0232544	0.633844	0.873355	-1.14501	0.0179238	0.44406	-2.25195	0.00184499	0.287148	-3.48252	0.328563	0.752341	-1.32918	0.0499098	0.532044	-1.87955	0.73249	0.907718	-1.10166	0.10171	1.65795	1.65795	0.974787	1.00896	1.00896	0.0731391	0.568952	-1.75762	4.46788	5.63481	1.12105	1
cg19843165	PRDM6	0.0285206	0.00926719	0.475532	-2.10291	0.144913	0.702973	-1.42253	0.24046	0.758313	-1.31872	0.00951355	0.477376	-2.09478	0.138496	0.698361	-1.43192	0.0428081	0.591643	-1.69021	0.0199118	0.531207	-1.88251	0.182813	1.37469	1.37469	0.933629	1.01893	1.01893	4.16067	3.33935	0.713423	1
cg14071179	PRDM6	0.0297191	0.255174	2.47544	2.47544	0.222866	2.65727	2.65727	0.0215159	8.22199	8.22199	0.860109	0.874071	-1.14407	0.761492	1.26146	1.26146	0.890697	0.900406	-1.11061	0.592304	0.662036	-1.51049	0.000823302	46.7517	46.7517	0.293167	2.29799	2.29799	4.1005	37.807	8.19565	1
cg01360054	PRDM6	0.029893	0.327588	1.92605	1.92605	0.310966	1.97374	1.97374	0.0400571	4.65986	4.65986	0.412941	0.581052	-1.72102	0.992675	1.00597	1.00597	0.642416	0.738387	-1.3543	0.601813	0.710727	-1.40701	0.000804068	26.5921	26.5921	0.481278	1.59089	1.59089	4.09202	27.2642	5.92247	1
cg19265970	PRDM6	0.0344895	0.352843	0.868598	-1.15128	0.244824	1.19635	1.19635	0.04761	1.39631	1.39631	0.217579	1.21063	1.21063	0.414672	1.13073	1.13073	0.334598	1.15793	1.15793	0.857026	1.02693	1.02693	0.0029772	1.82309	1.82309	0.00728908	1.66519	1.66519	3.88773	1.33698	0.305686	1
cg19328475	PRDM6	0.0355122	0.0732147	3.99694	3.99694	0.010766	9.2261	9.2261	0.166808	2.77935	2.77935	0.953917	1.04089	1.04089	0.161792	2.81814	2.81814	0.0795043	0.259285	-3.85676	0.063897	4.23907	4.23907	0.0106508	9.27098	9.27098	0.374024	1.88292	1.88292	3.84683	29.302	6.77081	1
cg05668996	PRDM6	0.0359579	0.164637	2.02082	2.02082	0.0508162	0.347912	-2.87429	0.951513	0.971557	-1.02928	0.0424714	0.33	-3.0303	0.472714	1.41421	1.41421	0.0180355	0.255839	-3.9087	0.751226	0.859916	-1.1629	0.0190968	3.84206	3.84206	0.706891	0.835893	-1.19633	3.82946	13.6564	3.1699	1
cg10632209	PRDM6	0.0373812	0.312112	1.8804	1.8804	0.15622	2.49938	2.49938	0.0822821	3.19787	3.19787	0.320576	1.85857	1.85857	0.508442	0.666888	-1.4995	0.913836	1.06755	1.06755	0.11363	0.353593	-2.82811	0.00158215	15.4765	15.4765	0.926776	1.05708	1.05708	3.77572	21.8099	5.13453	1
cg23290100	PRDM6	0.0465283	0.871718	0.949133	-1.05359	0.00425106	3.44188	3.44188	0.0968463	1.80179	1.80179	0.0290835	2.2955	2.2955	0.173479	1.59657	1.59657	0.238161	0.670886	-1.49057	0.243912	1.48269	1.48269	0.351039	0.733394	-1.36352	0.387091	1.33163	1.33163	3.48161	5.75473	1.46924	1
cg21523871	PRDM6	0.0494403	0.0222654	4.08283	4.08283	0.154673	2.18628	2.18628	0.0620203	2.94159	2.94159	0.655687	1.25915	1.25915	0.603592	1.30864	1.30864	0.748342	1.17973	1.17973	0.411658	0.649827	-1.53887	0.00310813	7.98052	7.98052	0.128893	2.32248	2.32248	3.40265	14.2093	3.71195	1
cg04298253	PRDM7	7.81E-05	0.136854	0.745429	-1.34151	5.92E-06	0.154937	-6.45422	0.816865	0.958364	-1.04345	0.571416	1.11055	1.11055	0.382152	0.848471	-1.17859	8.55E-06	0.169448	-5.90151	0.550676	1.11705	1.11705	0.159912	0.759348	-1.31692	0.00279146	0.469747	-2.1288	23.6517	12.5905	0.473182	1
cg08583780	PRDM7	0.00213766	0.19111	1.39391	1.39391	0.0276294	0.535345	-1.86795	0.152524	1.44437	1.44437	0.0316723	1.83011	1.83011	0.0730042	1.61573	1.61573	0.0697344	1.62684	1.62684	0.00052992	3.65013	3.65013	0.0146246	0.486098	-2.0572	0.00217696	2.80613	2.80613	9.45643	8.6219	0.810444	1
cg10315962	PRDM7	0.0117192	0.00522248	0.289151	-3.4584	0.697387	0.87671	-1.14063	0.0206898	0.391374	-2.5551	0.354429	0.725572	-1.37822	0.00701728	0.309193	-3.23423	0.00392885	0.270712	-3.69397	0.00409894	0.273405	-3.65758	0.655811	0.859802	-1.16306	0.0988868	0.543748	-1.83909	5.61643	10.0856	1.5962	1
cg05106699	PRDM7;PRDM7	0.0153155	0.285222	0.690103	-1.44906	0.518253	0.803432	-1.24466	0.00144981	0.214887	-4.6536	0.420249	0.759446	-1.31675	0.00252043	0.246203	-4.06169	0.312207	0.705153	-1.41813	0.00851538	0.325634	-3.07093	0.123501	0.57264	-1.7463	0.0780519	0.519828	-1.92371	5.14512	9.09916	1.572	1
cg00974523	PRDM7;PRDM7	0.0163119	0.760068	0.935149	-1.06935	0.0139709	0.514522	-1.94355	0.000767397	0.327811	-3.05054	0.0574804	0.624818	-1.60047	0.146391	0.71087	-1.40673	0.0530564	0.618051	-1.61799	0.0479205	0.609557	-1.64054	0.0247569	0.557042	-1.7952	0.0674127	0.638526	-1.56611	5.03851	3.82363	0.674562	1
cg06931637	PRDM7;PRDM7	0.0305024	0.018936	0.42318	-2.36306	0.121032	0.601254	-1.66319	0.00327576	0.29738	-3.3627	0.593609	0.849608	-1.17701	0.0122166	0.388779	-2.57215	0.562856	0.837767	-1.19365	0.664694	0.876374	-1.14107	0.0365075	0.479293	-2.08641	0.629801	1.15831	1.15831	4.06278	5.89171	1.28904	1
cg20142271	PRDM8	0.000983838	5.38E-05	0.0259817	-38.4886	0.56759	1.32316	1.32316	0.711528	1.19725	1.19725	?	?	?	0.0349695	3.29021	3.29021	0.143955	2.14015	2.14015	?	?	?	?	?	?	0.702107	1.20473	1.20473	12.9184	32.0409	3.30701	1
cg22961278	PRDM8	0.00874271	0.470532	1.36037	1.36037	0.00202854	6.19948	6.19948	0.0577909	2.45788	2.45788	0.0134219	3.60914	3.60914	0.0701451	0.427945	-2.33675	0.00231981	5.95067	5.95067	0.106281	2.09479	2.09479	0.344322	1.50436	1.50436	0.925056	0.961324	-1.04023	6.16883	17.1712	2.47426	1
cg27111250	PRDM8	0.0169589	0.3446	1.4916	1.4916	0.0775463	2.23861	2.23861	0.0115401	3.66019	3.66019	0.00896017	3.91701	3.91701	0.331606	1.50898	1.50898	0.0463831	2.55275	2.55275	0.00821072	4.01071	4.01071	0.0056344	4.44766	4.44766	0.0103738	3.76576	3.76576	4.97351	13.2888	2.37503	1
cg09595050	PRDM8	0.021782	0.0322783	10.9264	10.9264	0.0378918	9.93417	9.93417	0.0979208	5.64988	5.64988	0.0879248	6.02687	6.02687	0.0390989	9.75116	9.75116	0.057695	7.74393	7.74393	0.0031339	47.0998	47.0998	0.00610274	30.3858	30.3858	0.0280984	11.867	11.867	4.56952	65.8322	12.8061	1
cg06440348	PRDM8	0.0222617	0.0278233	7.14783	7.14783	0.00598748	15.1445	15.1445	0.0519446	5.32768	5.32768	0.213521	2.69374	2.69374	0.043936	5.76364	5.76364	0.0520348	5.32334	5.32334	0.00474888	17.0609	17.0609	0.0234845	7.74628	7.74628	0.0278393	7.14588	7.14588	4.53549	41.1095	8.05686	1
cg16117799	PRDM8	0.0261772	0.0172674	12.0619	12.0619	0.00364504	29.2645	29.2645	0.0957184	4.81144	4.81144	0.0288204	9.14386	9.14386	0.867038	1.15471	1.15471	0.0133127	13.9128	13.9128	0.0503993	6.78398	6.78398	0.0455573	7.15925	7.15925	0.596823	1.58139	1.58139	4.28789	50.0516	10.3758	1
cg27639662	PRDM8	0.0292663	0.0320834	7.83827	7.83827	0.0118487	13.1506	13.1506	0.104395	4.28747	4.28747	0.159791	3.42729	3.42729	0.0331099	7.71311	7.71311	0.0556515	5.91973	5.91973	0.00523297	20.5047	20.5047	0.0215209	9.62333	9.62333	0.0415022	6.87356	6.87356	4.12287	43.9092	9.4668	1
cg07462804	PRDM8	0.0301134	0.0402537	0.639184	-1.5645	0.260514	0.801194	-1.24814	0.242101	0.793556	-1.26015	0.168464	1.31938	1.31938	0.757562	0.943198	-1.06022	0.176808	0.762495	-1.31148	0.00674646	0.515126	-1.94127	0.104996	1.39736	1.39736	0.0716263	1.46216	1.46216	4.08136	2.30576	0.502178	1
cg01304890	PRDM8	0.045439	0.151728	2.63831	2.63831	0.00398971	11.5257	11.5257	0.323981	1.90304	1.90304	0.042941	4.35594	4.35594	0.446148	0.612294	-1.6332	0.02456	5.42844	5.42844	0.0568318	3.90244	3.90244	0.661847	1.32049	1.32049	0.963295	0.971349	-1.0295	3.51273	22.1989	5.6174	1
cg18073471	PRDM8;PRDM8	0.0004068	0.221654	1.19269	1.19269	0.0467305	0.731722	-1.36664	0.00202656	1.8168	1.8168	0.000214914	2.33384	2.33384	0.00072559	2.02402	2.02402	0.173452	0.819816	-1.21979	0.0223039	1.45596	1.45596	0.375951	0.882814	-1.13274	0.00018835	2.37273	2.37273	15.1297	4.50892	0.264905	1
cg05452645	PRDM8;PRDM8	0.000525211	0.0447098	1.31178	1.31178	7.90E-05	0.431563	-2.31716	0.329007	1.12596	1.12596	0.178672	1.18324	1.18324	0.743061	0.962004	-1.0395	0.00960554	0.679713	-1.47121	0.613347	1.06184	1.06184	0.000688244	0.543177	-1.84102	0.00611695	1.52402	1.52402	14.0967	3.09622	0.195237	1
cg26299084	PRDM8;PRDM8	0.00122495	0.960957	0.993634	-1.00641	0.0506058	1.33723	1.33723	0.000120437	2.40282	2.40282	0.0241088	1.42032	1.42032	0.0877059	1.27876	1.27876	0.467242	0.908008	-1.10131	0.00125061	1.84951	1.84951	0.0347527	0.725377	-1.37859	0.00447762	1.63961	1.63961	11.1063	2.99354	0.239586	1
cg22902505	PRDM8;PRDM8	0.00309768	0.00767019	2.16322	2.16322	0.0573333	0.616233	-1.62276	0.0499146	1.65452	1.65452	0.000354443	3.63856	3.63856	0.257382	1.30493	1.30493	0.990576	1.00266	1.00266	0.0531586	1.64001	1.64001	0.849407	0.958101	-1.04373	0.001762	2.72726	2.72726	8.47705	6.80708	0.713778	1
cg04235768	PRDM8;PRDM8	0.0033876	0.348392	1.20388	1.20388	0.015488	0.565089	-1.76963	0.000806053	2.64253	2.64253	0.0469	1.54838	1.54838	0.704875	1.07587	1.07587	0.300158	0.813543	-1.22919	0.011648	1.83306	1.83306	0.00944035	0.531373	-1.88192	0.159927	1.33454	1.33454	8.25397	4.82884	0.520029	1
cg10695325	PRDM8;PRDM8	0.00403287	0.289057	0.894851	-1.1175	0.000135987	1.94767	1.94767	0.00938069	1.39449	1.39449	0.0483417	0.796327	-1.25577	0.503068	1.07102	1.07102	0.264953	1.12444	1.12444	0.943874	0.992917	-1.00713	0.137426	1.17528	1.17528	0.945054	1.00698	1.00698	7.83314	1.2643	0.14347	1
cg04343891	PRDM8;PRDM8	0.00600902	0.867482	1.09665	1.09665	0.000307854	25.4437	25.4437	0.277674	1.86577	1.86577	0.0106848	5.88742	5.88742	0.0483796	0.287633	-3.47665	0.0431044	3.61711	3.61711	0.0439884	3.592	3.592	0.767637	0.849006	-1.17785	0.586031	1.355	1.355	6.93594	33.5267	4.29667	1
cg05974274	PRDM8;PRDM8	0.0218547	0.0421335	18.0179	18.0179	0.0677568	12.5137	12.5137	0.0594667	13.8335	13.8335	0.123663	7.83991	7.83991	0.0234149	28.3364	28.3364	0.0334908	21.4922	21.4922	0.00332659	139.198	139.198	0.00886052	61.1929	61.1929	0.0199598	32.0854	32.0854	4.5643	110.24	21.469	1
cg00138041	PRDM8;PRDM8	0.0235923	0.139337	1.33279	1.33279	0.038818	0.649227	-1.54029	0.0728416	1.43523	1.43523	0.0471653	1.50701	1.50701	0.666831	0.924775	-1.08134	0.332406	0.834806	-1.19788	0.117436	1.35941	1.35941	0.0366433	0.645038	-1.5503	0.0234139	1.63066	1.63066	4.44567	2.2957	0.459014	1
cg11983124	PRDM8;PRDM8	0.0240532	0.0602485	5.07726	5.07726	0.108335	3.83051	3.83051	0.283451	2.34991	2.34991	0.0794991	4.44722	4.44722	0.0268497	7.46585	7.46585	0.104958	3.88986	3.88986	0.00169903	31.0878	31.0878	0.0164353	9.46698	9.46698	0.0179905	9.05886	9.05886	4.41601	41.1101	8.27496	1
cg15556886	PRDM8;PRDM8	0.0295904	0.120127	6.30245	6.30245	0.0325255	15.3679	15.3679	0.0676641	9.34727	9.34727	0.0677732	9.33704	9.33704	0.259628	3.61104	3.61104	0.0265052	17.6704	17.6704	0.00442231	63.2957	63.2957	0.0113245	31.8991	31.8991	0.0238392	19.0009	19.0009	4.10682	77.5436	16.7837	1
cg14326413	PRDM8;PRDM8	0.0304158	0.0393441	29.9937	29.9937	0.0565146	21.7607	21.7607	0.0599384	20.655	20.655	0.0942024	13.8043	13.8043	0.02744	41.3234	41.3234	0.0348699	33.3853	33.3853	0.00539465	185.976	185.976	0.01597	67.2792	67.2792	0.0309887	37.0781	37.0781	4.06689	131.094	28.6528	1
cg20817902	PRDM8;PRDM8	0.0310023	0.045603	28.9235	28.9235	0.0935366	14.9901	14.9901	0.140158	10.2749	10.2749	0.0932386	15.0343	15.0343	0.0414585	31.5482	31.5482	0.0352056	36.6251	36.6251	0.00348884	336.266	336.266	0.0134907	89.0348	89.0348	0.0341377	37.6708	37.6708	4.03932	137.839	30.3327	1
cg22054918	PRDM8;PRDM8	0.0450775	0.0623344	54.4754	54.4754	0.059191	57.9193	57.9193	0.177299	15.3662	15.3662	0.111246	27.2687	27.2687	0.0371002	100.684	100.684	0.0415971	87.9246	87.9246	0.0105715	458.4	458.4	0.0135571	337.381	337.381	0.0356696	105.488	105.488	3.52325	202.594	51.1128	1
cg11388320	PRDM8;PRDM8	0.0474747	0.382513	1.54535	1.54535	0.691648	1.21379	1.21379	0.0884363	2.49312	2.49312	0.0125735	4.51923	4.51923	0.0640406	2.74975	2.74975	0.226732	0.539653	-1.85304	0.0330576	3.35768	3.35768	0.44811	1.45605	1.45605	0.0132348	4.44728	4.44728	3.4553	12.9259	3.32525	1
cg19409579	PRDM8;PRDM8	0.0490426	0.228731	1.98818	1.98818	0.0152685	0.197781	-5.0561	0.5436	1.39718	1.39718	0.109803	2.58143	2.58143	0.198947	2.0927	2.0927	0.468401	1.49385	1.49385	0.0663717	3.06537	3.06537	0.417301	0.637019	-1.56981	0.0241113	4.31985	4.31985	3.41309	15.9988	4.16665	1
cg06307913	PRDM8;PRDM8;PRDM8	0.0158558	0.958021	1.01467	1.01467	0.0734409	1.73715	1.73715	0.0429943	1.90473	1.90473	0.00864949	2.52476	2.52476	0.644997	1.13696	1.13696	0.0736135	0.575889	-1.73644	0.291778	1.35345	1.35345	0.0350758	0.506943	-1.97261	0.0107886	2.42574	2.42574	5.08627	6.16683	1.07773	1
cg19837938	PRDM9	0.000153796	0.0330143	0.557121	-1.79494	0.00417501	0.406299	-2.46124	0.00608582	0.431567	-2.31714	0.0949241	0.650116	-1.53819	0.00193739	2.79842	2.79842	0.000133745	0.211576	-4.72644	0.000268543	4.06664	4.06664	0.00866786	2.19259	2.19259	0.0390171	0.570878	-1.75169	19.7236	17.1981	0.775074	1
cg25472530	PRDM9	0.000453454	0.119594	0.519064	-1.92655	0.00168498	0.175014	-5.71384	0.0247629	0.354242	-2.82293	0.0714674	2.18486	2.18486	0.395724	0.713411	-1.40172	0.000161054	0.081923	-12.2066	0.000450278	8.56761	8.56761	0.0953236	2.03706	2.03706	0.0351229	0.385582	-2.59348	14.6827	35.0554	2.12226	1
cg02444433	PRDM9	0.000675773	0.126024	0.511187	-1.95623	0.017501	0.309676	-3.22919	0.0501627	0.404478	-2.47232	0.100416	2.07407	2.07407	0.00615018	4.25812	4.25812	0.00252373	0.182721	-5.47282	0.000508869	9.03421	9.03421	0.00236487	5.57782	5.57782	0.105594	0.488396	-2.04752	13.1399	34.1931	2.3131	1
cg10589310	PRDM9	0.000716809	0.00698228	0.429051	-2.33072	0.000289289	0.238369	-4.19518	0.0552309	0.590349	-1.69391	0.0575354	1.68351	1.68351	0.714594	1.09316	1.09316	0.000143603	0.204152	-4.89831	0.717695	0.915716	-1.09204	0.0259783	1.8982	1.8982	0.0454869	0.573344	-1.74415	12.9247	12.0385	0.827944	1
cg07011961	PRDM9	0.000797204	0.0163945	0.243493	-4.1069	0.00117496	0.100966	-9.90428	0.00343178	0.147448	-6.78206	0.153675	2.08674	2.08674	0.00804707	0.194971	-5.12897	0.000145777	0.0429238	-23.2971	0.110087	2.3133	2.3133	0.0878588	2.47732	2.47732	0.0670346	0.372104	-2.68742	12.5444	46.0747	3.26481	1
cg22054885	PRDM9	0.000868313	0.107374	0.527397	-1.8961	0.00978356	0.304458	-3.28452	0.017059	0.346878	-2.88286	0.999076	1.00042	1.00042	0.0072769	3.52649	3.52649	0.000979582	0.167833	-5.95831	0.00112968	5.7231	5.7231	0.0121421	3.12088	3.12088	0.124979	0.546277	-1.83057	12.246	25.7074	1.866	1
cg25336267	PRDM9	0.00117681	0.0146768	0.554225	-1.80432	0.000151328	0.278749	-3.58745	0.161445	0.745444	-1.34148	0.623468	1.10209	1.10209	0.104756	0.705877	-1.41668	0.000836552	0.372511	-2.68448	0.00200746	0.424657	-2.35484	0.069411	1.49038	1.49038	0.0176255	0.567081	-1.76342	11.2342	6.867	0.543343	1
cg07136348	PRDM9	0.0021011	0.764938	0.951967	-1.05046	0.198188	1.25013	1.25013	0.00242296	0.49997	-2.00012	0.412285	0.871438	-1.14753	0.0517863	0.695359	-1.43811	0.038082	1.48389	1.48389	0.00258572	0.503825	-1.98482	0.0772264	1.38057	1.38057	0.000689758	0.427211	-2.34076	9.50421	4.05637	0.379375	1
cg04362002	PRDM9	0.00294383	0.00121838	0.276337	-3.61877	0.000825724	0.254484	-3.92952	0.00196171	0.304493	-3.28415	0.0215666	0.472445	-2.11665	0.0157261	0.447427	-2.235	0.129186	0.640523	-1.56122	0.100222	0.613043	-1.63121	0.14778	1.5249	1.5249	0.0273247	0.491909	-2.0329	8.60629	10.0623	1.03927	1
cg01667892	PRDM9	0.00579937	0.257654	0.617774	-1.61872	0.0150039	0.295488	-3.38423	0.150709	0.533672	-1.87381	0.0669682	2.31	2.31	0.294358	0.641821	-1.55807	0.00134229	0.14958	-6.68539	0.00625003	4.27559	4.27559	0.426878	1.39205	1.39205	0.132006	0.515384	-1.9403	7.01232	18.4627	2.34036	1
cg22079902	PRDM9	0.0115802	0.258896	0.552611	-1.80959	0.0115711	0.203981	-4.90242	0.0558084	0.335872	-2.97733	0.23036	1.88439	1.88439	0.554873	1.35085	1.35085	0.00190737	0.109257	-9.15269	0.0692051	2.78331	2.78331	0.335345	1.64911	1.64911	0.071956	0.363708	-2.74946	5.63817	22.6391	3.56918	1
cg09166973	PRDM9	0.0270431	0.0867545	0.205769	-4.85983	0.0156215	0.0839633	-11.91	0.0622372	0.173034	-5.77921	0.653597	1.45867	1.45867	0.0505333	0.155293	-6.43942	0.00515546	0.0456376	-21.9118	0.435322	0.514172	-1.94487	0.116871	4.15257	4.15257	0.122113	0.246511	-4.05661	4.23929	46.8959	9.83307	1
cg22603366	PRDM9	0.0448933	0.136055	0.467725	-2.13801	0.0045224	0.166995	-5.98822	0.137352	0.469078	-2.13184	0.821115	1.11309	1.11309	0.181224	0.510953	-1.95713	0.0121294	0.227828	-4.38928	0.493917	0.719902	-1.38908	0.340633	1.59131	1.59131	0.100367	0.426761	-2.34323	3.52866	12.5068	3.15053	1
cg05179993	PRDM9;PRDM9	2.56E-05	0.258748	0.905641	-1.10419	0.00734264	0.747759	-1.33733	0.206009	0.893859	-1.11875	0.00926599	1.32016	1.32016	0.00130756	1.48235	1.48235	1.90E-06	0.37001	-2.70263	0.00014969	1.72945	1.72945	0.0206516	1.26419	1.26419	0.0790382	1.17825	1.17825	31.7368	3.55626	0.0996042	1
cg07159951	PRDX1;PRDX1;PRDX1	0.00103986	0.145403	1.18263	1.18263	0.583437	1.06122	1.06122	0.454563	1.08516	1.08516	0.00645762	1.46226	1.46226	8.10E-05	0.466306	-2.14451	0.728547	0.963308	-1.03809	0.00295014	1.54954	1.54954	0.640452	0.950781	-1.05177	0.0478944	0.784527	-1.27465	11.6368	2.12165	0.162065	1
cg06070002	PRDX1;PRDX1;PRDX1	0.00520964	0.00202498	0.362564	-2.75813	0.141444	0.691757	-1.44559	0.701528	1.0939	1.0939	0.123703	0.67802	-1.47488	0.79845	0.942108	-1.06145	0.00225497	2.70817	2.70817	0.767625	0.933273	-1.0715	0.552843	1.15019	1.15019	0.0043892	0.412077	-2.42673	7.24704	6.23419	0.764657	1
cg17026874	PRDX1;PRDX1;PRDX1	0.0055232	0.605316	0.947078	-1.05588	0.241909	1.13627	1.13627	0.00209678	1.57051	1.57051	0.401513	0.914334	-1.09369	0.0218247	0.750459	-1.33252	0.00273229	0.649566	-1.53949	0.0248834	0.756941	-1.32111	0.0636222	0.80452	-1.24298	0.831038	0.97796	-1.02254	7.11835	1.2265	0.153157	1
cg02631906	PRDX1;PRDX1;PRDX1	0.0256679	0.643552	1.17075	1.17075	0.0142219	2.78188	2.78188	0.841322	0.934436	-1.07016	0.13884	1.71427	1.71427	0.0527439	0.474783	-2.10622	0.469748	0.779738	-1.28248	0.00565161	3.41604	3.41604	0.0396488	2.23638	2.23638	0.282437	1.45915	1.45915	4.3174	7.8256	1.61117	1
cg18874953	PRDX1;PRDX1;PRDX1	0.028427	0.105005	0.883802	-1.13148	0.0688072	0.867616	-1.15258	0.01703	0.816395	-1.2249	0.490505	1.05005	1.05005	0.28295	0.925157	-1.0809	0.209048	0.911804	-1.09673	0.0080906	1.26678	1.26678	0.207752	1.09705	1.09705	0.734005	0.976498	-1.02407	4.1655	0.320757	0.0684473	1
cg15627031	PRDX1;PRDX1;PRDX1;PRDX1;PRDX1;PRDX1	0.00406245	0.165697	0.848044	-1.17918	0.214917	0.864549	-1.15667	0.0222283	1.35739	1.35739	0.00042743	0.537037	-1.86207	0.0576661	1.27037	1.27037	0.00544415	0.66519	-1.50333	0.260706	0.877406	-1.13972	0.105635	0.821125	-1.21784	0.218874	0.86574	-1.15508	7.81589	1.53865	0.174988	1
cg15720516	PRDX2	0.0383249	0.915926	0.972235	-1.02856	0.0242674	2.04644	2.04644	0.118085	1.57223	1.57223	0.868656	1.04512	1.04512	0.0259463	0.494151	-2.02367	0.0683797	0.58037	-1.72304	0.0465916	0.544618	-1.83615	0.200314	1.43437	1.43437	0.5679	0.857329	-1.16641	3.74146	4.21328	1.00098	1
cg22555472	PRDX2;PRDX2	0.0014348	0.00343239	1.55533	1.55533	0.242516	0.872922	-1.14558	0.180815	1.17103	1.17103	0.351461	0.898927	-1.11244	0.0295146	0.752172	-1.32948	0.529139	1.07341	1.07341	0.490239	1.08098	1.08098	0.000167495	2.038	2.038	0.00555967	0.667152	-1.49891	10.6144	2.07562	0.17382	1
cg03860466	PRDX2;PRDX2	0.00441734	0.135132	0.801865	-1.24709	0.000240788	2.30015	2.30015	0.0365143	1.39541	1.39541	0.0889447	0.773211	-1.29331	0.54272	1.08814	1.08814	0.962129	1.00653	1.00653	0.223189	0.839064	-1.1918	0.045009	1.37077	1.37077	0.0302191	1.41815	1.41815	7.62045	2.26842	0.264601	1
cg26529371	PRDX2;PRDX2	0.0166221	0.916421	1.01918	1.01918	0.161807	1.31046	1.31046	0.0200506	1.66163	1.66163	0.453341	1.14826	1.14826	0.45124	0.870299	-1.14903	0.135786	1.33769	1.33769	0.00230784	0.462722	-2.16112	0.0686219	0.6915	-1.44613	0.181342	1.29281	1.29281	5.00695	2.59746	0.46113	1
cg07077694	PRDX2;PRDX2	0.0297611	0.953111	0.994177	-1.00586	0.943896	0.993035	-1.00701	0.131839	1.17531	1.17531	0.00369132	1.47653	1.47653	0.856872	0.982231	-1.01809	0.0650942	1.22836	1.22836	0.476254	1.07458	1.07458	0.0206896	0.758304	-1.31873	0.0977477	1.19772	1.19772	4.09845	0.640168	0.138842	1
cg26403580	PRDX3;PRDX3	7.20E-07	7.87E-06	0.224993	-4.44458	0.0739971	0.738322	-1.35442	0.571395	0.916546	-1.09105	0.741708	1.05168	1.05168	1.11E-06	0.145129	-6.8904	6.49E-07	0.126087	-7.93105	1.19E-07	0.0761081	-13.1392	0.00060386	0.446734	-2.23847	2.05E-06	0.168215	-5.94478	79.7325	29.3122	0.326783	1
cg22570128	PRDX3;PRDX3	0.000408775	0.317264	1.38658	1.38658	0.111283	1.73051	1.73051	0.00114945	4.52967	4.52967	0.337386	1.36709	1.36709	1.35E-05	0.0561873	-17.7976	0.864548	1.05546	1.05546	0.2471	1.4661	1.4661	0.120997	1.70161	1.70161	0.758712	0.907187	-1.10231	15.1095	23.9177	1.40707	1
cg25907362	PRDX3;PRDX3	0.010078	0.0209524	0.615539	-1.62459	0.938858	1.01349	1.01349	0.00823219	0.554104	-1.80472	0.000798674	0.412939	-2.42167	0.420925	0.866215	-1.15445	0.287157	0.824436	-1.21295	0.6433	0.92177	-1.08487	0.607396	0.913449	-1.09475	0.044004	1.49822	1.49822	5.89595	2.84926	0.429562	1
cg15475650	PRDX3;PRDX3	0.0452433	0.0164814	0.238128	-4.19942	0.846765	0.909603	-1.09938	0.478663	0.702768	-1.42294	0.137828	0.457237	-2.18705	0.152008	0.471641	-2.12026	0.222258	0.533559	-1.87421	0.00238275	0.125691	-7.95601	0.100484	0.414302	-2.4137	0.0474392	0.329377	-3.03604	3.51841	13.3643	3.37634	1
cg07189782	PRDX3;PRDX3	0.0498253	0.123629	0.699519	-1.42955	0.221053	0.75907	-1.3174	0.154767	0.721561	-1.38589	0.057023	0.630368	-1.58637	0.00592502	0.462408	-2.16259	0.926297	0.980369	-1.02002	0.39696	0.830383	-1.20426	0.6481	0.906225	-1.10348	0.00525027	0.454363	-2.20088	3.39264	2.46729	0.646441	1
cg03716231	PRDX4	5.52E-05	0.888445	0.980897	-1.01947	0.00511733	0.601519	-1.66246	0.0145037	0.66108	-1.51268	0.181262	1.21536	1.21536	9.40E-06	0.26878	-3.72051	3.80E-05	2.96377	2.96377	0.0433328	1.37625	1.37625	0.00637018	1.62896	1.62896	0.354605	0.877331	-1.13982	25.9359	7.75726	0.265861	1
cg24713382	PRDX4	0.0413154	0.581187	1.4367	1.4367	0.870241	0.899138	-1.11218	0.979458	1.01688	1.01688	0.859713	1.12193	1.12193	0.0999773	0.30968	-3.22914	0.562911	1.46284	1.46284	0.00179589	0.0556579	-17.9669	0.875589	0.903126	-1.10726	0.0223103	0.168491	-5.93504	3.63941	24.3778	5.95404	1
cg19486023	PRDX5;PRDX5;PRDX5;PRDX5;PRDX5;TRMT112;PRDX5	0.00929299	0.419221	0.799337	-1.25104	0.0994747	0.61263	-1.63231	0.495207	1.20676	1.20676	0.0614044	0.564463	-1.7716	0.00212993	0.309966	-3.22616	0.000645675	0.241616	-4.1388	0.333928	1.31054	1.31054	0.457377	0.814343	-1.22798	0.620023	0.873164	-1.14526	6.05048	7.05651	1.03669	1
cg20105233	PRDX5;PRDX5;PRDX5;TRMT112	0.000824377	0.530808	0.839896	-1.19062	0.39716	0.788001	-1.26903	0.889497	1.03894	1.03894	7.71E-06	0.0673437	-14.8492	0.585987	1.16316	1.16316	0.980532	1.00673	1.00673	0.241878	0.71418	-1.40021	0.108381	0.617974	-1.61819	0.342901	1.30803	1.30803	12.4266	14.8628	1.06315	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25944898	PRDX5;PRDX5;PRDX5;TRMT112	0.0165793	0.314961	0.81781	-1.22278	0.336401	0.825428	-1.21149	0.0434788	0.638003	-1.56739	0.980754	1.00468	1.00468	0.00984433	0.53181	-1.88037
cg08790734	PRDX5;PRDX5;TRMT112;PRDX5	0.000156858	0.539332	1.04385	1.04385	3.88E-06	2.10186	2.10186	0.00920834	1.2565	1.2565	0.203205	0.911408	-1.0972	0.0158601	1.22636	1.22636
cg23003085	PRDX5;PRDX5;TRMT112;PRDX5	0.000508732	3.92E-05	0.234013	-4.27327	0.000520945	0.368416	-2.71432	0.00312576	0.474368	-2.10807	0.00130888	0.421672	-2.37151	0.000695881	0.384874	-2.59825
cg14741804	PRDX5;PRDX5;TRMT112;PRDX5	0.000700445	0.177625	0.918848	-1.08832	0.133947	1.10019	1.10019	0.108413	1.109	1.109	0.00377215	0.793803	-1.25976	3.91E-05	0.628063	-1.5922
cg03741657	PRDX5;PRDX5;TRMT112;PRDX5	0.00833848	0.00698488	2.9397	2.9397	?	?	?	0.0100338	2.45373	2.45373	0.0292554	1.67862	1.67862	?	?	?
cg07656648	PRDX5;PRDX5;TRMT112;PRDX5	0.0130072	0.718283	1.04252	1.04252	0.179053	1.17831	1.17831	0.000259336	1.99531	1.99531	0.932966	0.990376	-1.00972	0.113985	1.21854	1.21854
cg03439086	PRDX5;PRDX5;TRMT112;TRMT112;PRDX5	0.0021676	0.0568036	0.696156	-1.43646	0.528945	0.89838	-1.11311	0.578365	1.09891	1.09891	0.000169127	0.341319	-2.92981	0.00271149	0.498647	-2.00543
cg17859081	PRDX6	0.00350166	0.0696406	1.22007	1.22007	0.0347871	0.785685	-1.27277	0.0815996	1.20829	1.20829	0.14453	1.16607	1.16607	0.107837	1.18768	1.18768
cg14515203	PRDX6	0.00425602	0.720451	0.958497	-1.0433	0.745064	1.03924	1.03924	0.00467088	1.55843	1.55843	0.000528178	0.528937	-1.89058	0.303488	0.88186	-1.13397
cg19585271	PRDX6	0.00648554	0.235537	0.890705	-1.12271	0.664473	0.960183	-1.04147	0.0147555	0.756255	-1.32231	0.0104315	0.740655	-1.35016	0.00254753	1.47668	1.47668
cg02624704	PRDX6	0.00999678	0.00619583	0.610634	-1.63764	0.20712	0.83206	-1.20184	0.022482	1.45902	1.45902	0.727228	1.04958	1.04958	0.00260189	0.561873	-1.77976
cg11409796	PRDX6	0.019916	0.540437	0.850858	-1.17528	0.116107	1.56058	1.56058	0.000659348	3.89504	3.89504	0.0349868	1.89707	1.89707	0.804473	0.937401	-1.06678
cg11803838	PRDX6;PRDX6	0.0427	0.133086	1.7742	1.7742	0.677512	0.862459	-1.15948	0.391494	0.732981	-1.36429	0.326583	1.43097	1.43097	0.00247014	0.22556	-4.43342
cg09831207	PRDXDD1P	1.64E-05	0.0411594	0.807767	-1.23798	0.0112719	1.33327	1.33327	0.0221129	1.28229	1.28229	0.266476	1.11062	1.11062	0.208849	0.886879	-1.12755
cg17765304	PRDXDD1P	0.000166211	0.00344671	0.535251	-1.86828	0.146812	1.27766	1.27766	0.035809	1.46864	1.46864	0.319117	1.17588	1.17588	0.451158	1.1284	1.1284
cg11806442	PRDXDD1P	0.00062024	0.325987	1.18184	1.18184	0.186291	0.793878	-1.25964	0.51937	1.1136	1.1136	0.341119	0.850779	-1.17539	0.217565	0.807592	-1.23825
cg25116269	PRDXDD1P	0.0007122	0.47905	1.07561	1.07561	0.0339146	0.77815	-1.2851	0.701446	1.03979	1.03979	0.501705	0.933263	-1.07151	0.850397	0.981056	-1.01931
cg03487040	PRDXDD1P	0.00438427	0.0015194	0.326661	-3.06128	0.622229	0.885429	-1.1294	0.0161866	0.486381	-2.056	0.416173	1.22583	1.22583	0.121367	1.5091	1.5091
cg02642298	PRDXDD1P	0.00623765	0.246672	0.857631	-1.166	0.0580072	1.31214	1.31214	0.0355246	0.73324	-1.36381	0.567674	1.07598	1.07598	0.0480495	0.750894	-1.33175
cg11444607	PRDXDD1P	0.00757071	0.537722	1.18066	1.18066	0.0017216	3.28866	3.28866	0.777892	1.07817	1.07817	0.0149408	2.21782	2.21782	0.508106	1.19565	1.19565
cg21450529	PREB	0.0177667	0.0108522	0.182376	-5.48318	0.019005	0.220782	-4.52936	0.0472032	0.2988	-3.34672	0.176128	0.465289	-2.1492	0.00149315	0.0875077	-11.4276
cg02289127	PREB	0.0181592	0.978133	1.00372	1.00372	0.0192146	1.46703	1.46703	0.48525	0.908515	-1.1007	0.437412	0.898369	-1.11313	0.0164485	1.48675	1.48675
cg25006092	PRELID1;PRELID1;RAB24;RAB24	0.0112172	0.55786	1.04376	1.04376	0.0542139	0.853929	-1.17106	0.442888	0.945024	-1.05817	0.681928	0.970656	-1.03023	0.363689	1.0698	1.0698
cg00848461	PRELID1;RAB24;RAB24	0.0111802	0.00182314	0.152765	-6.54599	0.53768	0.767477	-1.30297	0.808368	0.902088	-1.10854	0.778788	1.12685	1.12685	0.147108	0.516955	-1.93441
cg13284426	PRELID1;RAB24;RAB24	0.0495129	0.0058014	0.136492	-7.32645	0.765919	1.17885	1.17885	0.307252	0.558512	-1.79047	0.327346	1.74583	1.74583	0.675938	0.7932	-1.26072
cg23464032	PRELID2;PRELID2;PRELID2	0.00567853	0.00335267	0.681871	-1.46655	0.062729	0.817996	-1.2225	0.0369913	0.792649	-1.26159	0.00511326	0.701251	-1.42602	0.0202741	0.764531	-1.30799
cg17824391	PRELID2;PRELID2;PRELID2	0.00790487	0.000983349	0.21903	-4.56559	0.984287	0.993915	-1.00612	0.9355	0.975225	-1.0254	0.50935	0.812638	-1.23056	0.0526144	0.505124	-1.97971
cg14824848	PRELID2;PRELID2;PRELID2;PRELID2	0.00136336	0.00203393	0.686485	-1.4567	0.678914	0.964644	-1.03665	0.932491	0.9927	-1.00735	0.130794	1.15153	1.15153	0.970159	0.99677	-1.00324
cg13090058	PRELP;PRELP	0.00033864	0.298587	1.19408	1.19408	0.880541	0.975546	-1.02507	7.28E-06	0.19615	-5.09813	0.765553	0.95196	-1.05046	0.00282559	0.508114	-1.96806
cg05123067	PRELP;PRELP	0.00145471	0.869667	1.03699	1.03699	0.375663	0.817846	-1.22272	0.000216562	0.255413	-3.91522	0.55204	1.14232	1.14232	0.785114	0.941346	-1.06231
cg20961782	PRELP;PRELP	0.00161898	0.00684713	0.683507	-1.46304	0.552111	1.06754	1.06754	0.0255999	0.749661	-1.33394	0.00129476	0.600944	-1.66405	0.00526671	0.670496	-1.49143
cg00762397	PRELP;PRELP	0.012834	0.0161079	0.415251	-2.40818	0.00592983	0.3416	-2.9274	0.00981336	0.377453	-2.64933	0.160943	0.639599	-1.56348	0.013995	0.404253	-2.4737
cg19812400	PRELP;PRELP	0.0216975	0.014849	1.91567	1.91567	0.0371505	1.69025	1.69025	0.744942	1.07338	1.07338	0.0239002	1.79436	1.79436	0.0264087	1.77016	1.77016
cg00091004	PRELP;PRELP	0.0263303	0.0382125	0.215626	-4.63767	0.0213392	0.170855	-5.85293	0.0056861	0.0985951	-10.1425	0.823204	0.866817	-1.15365	0.0049883	0.0931477	-10.7356
cg26841068	PRELP;PRELP	0.0330121	0.245255	0.609611	-1.64039	0.139662	1.91028	1.91028	0.0469977	2.52395	2.52395	0.192085	1.75469	1.75469	0.0368393	0.372528	-2.68436
cg05889294	PRELP;PRELP	0.0404934	0.0850982	0.63862	-1.56588	0.787921	0.938463	-1.06557	0.00201932	0.358476	-2.78959	0.104993	0.658828	-1.51785	0.207376	0.73112	-1.36776
cg13567392	PREP	0.000113261	7.98E-05	0.182758	-5.47173	0.0910306	1.5589	1.5589	0.0208805	0.515265	-1.94075	8.78E-05	0.186994	-5.34776	0.000376265	0.257735	-3.87996
cg02835672	PREP	0.00311256	0.146105	0.63874	-1.56558	0.501352	1.2166	1.2166	0.287214	0.727986	-1.37365	0.000410292	0.199496	-5.01263	0.15311	0.644338	-1.55198
cg06471536	PREP	0.00318683	0.00186297	0.303927	-3.29027	0.189898	0.687583	-1.45437	0.151633	0.660707	-1.51353	0.192644	1.45063	1.45063	0.178224	0.67983	-1.47095
cg20112110	PREP	0.0109472	0.838339	1.07835	1.07835	0.369394	1.40552	1.40552	0.18416	0.594395	-1.68238	0.782775	0.90298	-1.10744	0.421052	1.35462	1.35462
cg05357660	PREP	0.0125091	0.0194816	0.651208	-1.53561	0.326952	0.85752	-1.16615	0.0457045	1.41616	1.41616	0.0338525	0.686399	-1.45688	0.0166849	1.55872	1.55872
cg06068369	PREP	0.0286906	0.22411	0.622776	-1.60571	0.170433	1.71833	1.71833	0.0349997	2.48678	2.48678	0.602799	1.21493	1.21493	0.00621002	0.266336	-3.75465
cg05041265	PREP	0.0431083	0.0125828	0.471623	-2.12034	0.185078	1.40553	1.40553	0.452728	0.830876	-1.20355	0.795953	0.939165	-1.06478	0.607372	0.882029	-1.13375
cg14193481	PREP;PREP	0.00193302	0.0461087	0.576733	-1.73391	0.644223	0.894053	-1.1185	0.788444	1.06691	1.06691	0.362683	0.79827	-1.25271	0.431694	0.824266	-1.2132
cg00982680	PREPL;PREPL;C2orf34;PREPL;PREPL;PREPL;PREPL;PREPL	0.00419545	0.000815982	0.419155	-2.38575	0.330464	0.841109	-1.18891	0.643622	1.08359	1.08359	0.0112413	0.578537	-1.7285	0.500168	0.888763	-1.12516
cg27343216	PREPL;PREPL;C2orf34;PREPL;PREPL;PREPL;PREPL;PREPL	0.0141125	0.00318234	0.485263	-2.06074	0.454826	0.872276	-1.14643	0.0150885	1.70927	1.70927	0.857756	0.96831	-1.03273	0.0490036	0.66802	-1.49696
cg27623126	PREPL;PREPL;C2orf34;PREPL;PREPL;PREPL;PREPL;PREPL	0.0329666	0.614016	0.917113	-1.09038	0.259654	0.818681	-1.22148	0.785491	0.954645	-1.04751	0.250506	0.815223	-1.22666	0.0282191	1.55399	1.55399
cg07914629	PREPL;PREPL;PREPL;C2orf34;PREPL	0.00287685	?	?	?	0.00695823	0.270409	-3.6981	0.593804	0.823936	-1.21369	?	?	?	0.145923	0.567219	-1.76299
cg16442859	PREPL;PREPL;PREPL;C2orf34;PREPL	0.00517912	0.00072569	0.481132	-2.07843	0.500553	1.10222	1.10222	0.0105322	1.58106	1.58106	0.0137345	0.64813	-1.5429	0.323692	1.15614	1.15614
cg09110402	PREX1	0.000371322	0.00114334	0.550657	-1.81601	0.0177823	1.43265	1.43265	8.01E-05	2.43139	2.43139	0.0388956	0.742078	-1.34757	0.00189355	0.577385	-1.73195
cg00578354	PREX1	0.00522091	0.00330816	0.334741	-2.98739	0.0365737	0.514522	-1.94355	0.299578	0.745223	-1.34188	0.922766	1.02688	1.02688	0.000828031	0.252292	-3.96366
cg13795264	PREX1	0.0242602	0.240419	0.897825	-1.1138	0.123335	1.15763	1.15763	0.367981	1.08447	1.08447	0.454207	1.06914	1.06914	0.00629786	0.731957	-1.3662
cg21732260	PREX1	0.0295972	0.204896	0.777639	-1.28594	0.0221442	0.597057	-1.67488	0.0830494	0.697109	-1.4345	0.0467523	0.651771	-1.53428	0.911232	1.02119	1.02119
cg00256068	PREX1	0.0378283	0.0791406	1.54235	1.54235	0.162977	0.718177	-1.39241	0.0285171	0.562982	-1.77625	0.180032	1.37231	1.37231	0.162802	1.39263	1.39263
cg15745900	PREX2;PREX2	4.96E-05	0.450898	1.15907	1.15907	0.0192932	1.74898	1.74898	0.0286878	1.66139	1.66139	0.000784394	0.352597	-2.8361	0.0183401	1.76064	1.76064
cg12679192	PREX2;PREX2	0.00341759	0.240544	0.910329	-1.0985	0.0102194	0.78069	-1.28092	0.0332406	0.826715	-1.20961	0.265347	1.09281	1.09281	0.000293129	0.636855	-1.57022
cg04652282	PREX2;PREX2	0.00480675	0.170593	0.681103	-1.46821	0.238999	1.38339	1.38339	0.0468576	0.549461	-1.81997	0.118869	0.640512	-1.56125	0.00158728	0.303281	-3.29727
cg09749844	PREX2;PREX2	0.0143268	0.858599	1.03185	1.03185	0.147842	0.761128	-1.31384	0.0750439	0.705734	-1.41697	0.0970546	0.726028	-1.37736	0.00122344	0.435346	-2.29703
cg17459204	PREX2;PREX2	0.0324875	0.0915868	0.811758	-1.23189	0.00615918	0.669545	-1.49355	0.509113	0.927568	-1.07809	0.337377	1.11744	1.11744	0.0518437	1.28197	1.28197
cg21239940	PREX2;PREX2	0.0357019	0.620326	1.1761	1.1761	0.026212	2.35512	2.35512	0.400443	1.32255	1.32255	0.564346	1.20837	1.20837	0.00245876	0.254571	-3.92818
cg23059461	PRF1;PRF1	0.0117143	0.0157884	0.502486	-1.99011	0.229925	0.745939	-1.34059	0.000686947	0.2993	-3.34113	0.00541306	0.42665	-2.34384	0.305832	0.781362	-1.27982
cg18352710	PRF1;PRF1	0.0131464	0.0179381	0.626488	-1.5962	0.000350322	0.392895	-2.54521	0.0764561	0.725846	-1.3777	0.124787	0.763253	-1.31018	0.311107	0.843344	-1.18576
cg02374486	PRF1;PRF1	0.0245859	0.101694	0.77583	-1.28894	0.876086	0.978137	-1.02235	0.00106198	0.503803	-1.9849	0.294596	0.85728	-1.16648	0.52128	0.912019	-1.09647
cg27368828	PRF1;PRF1	0.0248332	0.0607478	0.700789	-1.42696	0.153565	1.29301	1.29301	0.103694	1.34886	1.34886	0.330209	0.844524	-1.1841	0.686471	1.07063	1.07063
cg12433559	PRF1;PRF1	0.0261473	0.332401	1.15756	1.15756	0.340368	1.15462	1.15462	0.263418	0.843169	-1.186	0.454528	0.894522	-1.11792	0.0143663	1.55515	1.55515
cg19880751	PRF1;PRF1	0.0265528	0.0264612	0.515953	-1.93816	0.974716	1.008	1.008	0.00245864	0.346685	-2.88446	0.0171169	0.481506	-2.07682	0.174696	0.695545	-1.43772
cg12336290	PRF1;PRF1	0.0275671	0.0097166	0.465789	-2.1469	0.163398	0.706487	-1.41545	0.0135912	0.490065	-2.04054	0.0193972	0.516719	-1.93529	0.021113	0.523222	-1.91124
cg23364656	PRF1;PRF1	0.0403722	0.345694	0.874239	-1.14385	0.664503	0.941397	-1.06225	0.00343973	0.577007	-1.73308	0.201319	0.829648	-1.20533	0.484637	1.10328	1.10328
cg26971585	PRF1;PRF1	0.0459587	0.867927	0.977563	-1.02295	0.0447999	1.36894	1.36894	0.0403968	1.38099	1.38099	0.100006	0.782128	-1.27856	0.445161	0.899316	-1.11196
cg20408402	PRF1;PRF1;PRF1;PRF1	0.0143402	0.131903	0.665115	-1.5035	0.806704	1.0634	1.0634	0.00154737	0.319302	-3.13184	0.158554	0.685268	-1.45928	0.0995693	0.635942	-1.57247
cg19272150	PRG1	0.0436624	0.0192601	0.106302	-9.40717	0.0306107	0.133841	-7.47153	0.0862831	0.223042	-4.48347	0.32274	0.445451	-2.24491	0.0546768	0.178075	-5.61562
cg12819873	PRG2	0.00240969	0.00461274	0.307826	-3.24858	0.0470873	0.491548	-2.03439	0.0859671	0.552651	-1.80946	0.320506	1.37825	1.37825	0.000686223	0.197796	-5.05571
cg15971518	PRG2	0.0102252	0.683378	0.901598	-1.10914	0.0580859	0.582123	-1.71785	0.000621978	0.264501	-3.7807	0.00300427	0.357776	-2.79504	0.596591	0.87377	-1.14447
cg05471009	PRG2	0.0255646	0.336548	0.795595	-1.25692	0.370812	1.23624	1.23624	0.000513032	0.286068	-3.49567	0.880439	0.965862	-1.03534	0.415473	1.21176	1.21176
cg08773180	PRG2	0.0279637	0.0618533	0.564122	-1.77267	0.0692622	0.575042	-1.739	0.0106243	0.417025	-2.39794	0.093959	0.605711	-1.65095	0.0100966	0.413272	-2.41971
cg04549076	PRG2	0.0284126	0.0227537	0.351503	-2.84493	0.0142598	0.313707	-3.18768	0.159352	0.561692	-1.78034	0.367691	0.701247	-1.42603	0.0142003	0.313385	-3.19097
cg04620833	PRG3	0.00151258	0.000311912	0.394065	-2.53765	0.00363461	1.87144	1.87144	0.35721	0.86001	-1.16278	0.0343704	0.674976	-1.48153	0.589914	1.09053	1.09053
cg12626411	PRG4;PRG4;PRG4;MIR548F1;PRG4	0.0334969	0.126834	0.411854	-2.42805	0.220826	0.500856	-1.99658	0.0138643	0.195257	-5.12146	0.0260527	0.242016	-4.13196	0.00475893	0.133502	-7.49053
cg24505619	PRG4;PRG4;PRG4;MIR548F1;PRG4	0.0474612	0.460259	0.837389	-1.19419	0.116993	1.49477	1.49477	0.783951	0.937184	-1.06703	0.644692	0.896181	-1.11585	0.00112588	0.322481	-3.10096
cg00066270	PRG4;PRG4;PRG4;PRG4;MIR548F1	0.0137975	0.0224389	0.165367	-6.04714	0.142989	0.354908	-2.81763	0.0261464	0.176153	-5.67689	0.0185165	0.152676	-6.5498	0.0033859	0.0726597	-13.7628
cg24669741	PRG4;PRG4;PRG4;PRG4;PRG4;PRG4;PRG4;MIR548F1;PRG4	0.0215158	0.0236934	0.266433	-3.75329	0.329236	0.610699	-1.63747	0.0772314	0.382075	-2.61729	0.0092602	0.198411	-5.04004	0.0151875	0.232098	-4.30852
cg03209166	PRH1;PRR4	0.00626667	0.0169443	0.503539	-1.98594	0.00822228	2.21754	2.21754	0.0385402	1.75876	1.75876	0.00238755	0.368884	-2.71088	0.86378	1.04128	1.04128
cg23527067	PRH2;PRH2;PRR4;PRH1	0.0226158	0.209355	0.645841	-1.54837	0.240461	0.666257	-1.50092	0.15439	0.604273	-1.65488	0.486007	0.791439	-1.26352	0.00208541	0.238999	-4.18412
cg10719522	PRHOXNB	1.28E-07	1.73E-06	0.237537	-4.20987	3.56E-07	0.171117	-5.84394	4.73E-07	0.182371	-5.48333	0.00420617	0.630838	-1.58519	1.42E-06	0.228772	-4.37116
cg22926422	PRHOXNB	2.66E-06	0.000264576	0.357756	-2.7952	7.14E-05	0.288848	-3.46203	1.11E-05	0.200923	-4.97702	0.000290826	0.362922	-2.75541	4.74E-05	0.268445	-3.72516
cg26474127	PRHOXNB	4.98E-06	0.00372179	0.431929	-2.3152	8.41E-06	0.125023	-7.99851	2.03E-06	0.0813148	-12.2979	0.0769856	0.65618	-1.52397	6.06E-06	0.113927	-8.77753
cg21278181	PRHOXNB	2.61E-05	0.445894	0.861738	-1.16045	0.000104725	0.269038	-3.71695	1.92E-05	0.189702	-5.27144	7.40E-06	0.151014	-6.62191	0.00295462	0.457721	-2.18474
cg02645340	PRHOXNB	5.48E-05	0.000663418	2.72297	2.72297	0.00136098	2.44372	2.44372	0.000201191	3.31653	3.31653	1.77E-05	5.40019	5.40019	0.300852	0.813812	-1.22879
cg20101529	PRHOXNB	9.51E-05	0.036111	0.685837	-1.45807	1.17E-05	0.237926	-4.20299	0.000111667	0.349555	-2.86078	0.100959	0.757339	-1.32041	0.0150676	0.629877	-1.58761
cg25591794	PRHOXNB	0.000124427	0.000677801	6.75594	6.75594	4.76E-05	0.0536452	-18.641	0.0386503	0.43183	-2.31573	0.712006	0.880636	-1.13554	0.029022	2.47177	2.47177
cg10402103	PRHOXNB	0.000231279	0.000935678	0.208146	-4.80432	0.00137989	0.228923	-4.36828	0.00185567	0.245614	-4.07143	0.122466	0.587451	-1.70227	5.87E-05	0.0939572	-10.6431
cg13847589	PRHOXNB	0.000313075	1.67E-05	14.8818	14.8818	0.0271524	0.450319	-2.22065	0.0490703	0.503885	-1.98458	0.173466	1.55555	1.55555	0.00868959	0.36051	-2.77385
cg03570045	PRHOXNB	0.000542685	0.524758	1.21685	1.21685	0.0240297	0.440585	-2.26971	0.183541	0.650727	-1.53674	0.666277	1.14125	1.14125	0.0816822	0.555692	-1.79956
cg09781827	PRHOXNB	0.0014707	0.000435911	6.63202	6.63202	0.00778662	3.19856	3.19856	0.111423	1.80405	1.80405	0.00334709	3.89106	3.89106	0.142928	0.585202	-1.70881
cg01264087	PRHOXNB	0.00174368	0.00274876	0.196451	-5.09032	0.258317	0.628451	-1.59121	0.0331102	0.374897	-2.6674	0.0121556	0.292052	-3.42405	0.000181273	0.0825388	-12.1155
cg03199005	PRHOXNB	0.00508872	0.00461953	0.210597	-4.74841	0.0141774	0.286242	-3.49354	0.028862	0.344671	-2.90132	0.0400607	0.375032	-2.66644	0.00176442	0.158606	-6.30491
cg08116792	PRHOXNB	0.00535694	0.00131453	0.0966134	-10.3505	0.00683675	0.173589	-5.76073	0.0108283	0.201975	-4.95111	0.04535	0.317447	-3.15014	0.00127161	0.0954005	-10.4821
cg27513935	PRHOXNB	0.00853008	0.884397	1.03186	1.03186	0.475211	1.16945	1.16945	0.00349753	2.34921	2.34921	0.908333	1.02514	1.02514	0.296247	0.791771	-1.26299
cg15332217	PRHOXNB	0.0117932	0.927405	1.0329	1.0329	0.00124621	0.187227	-5.34112	0.0403366	0.431122	-2.31953	0.921601	1.03559	1.03559	0.305494	0.685964	-1.4578
cg21950155	PRHOXNB	0.012573	0.492532	0.723093	-1.38295	0.00843256	0.209126	-4.7818	0.0118775	0.232061	-4.30922	0.818458	1.11287	1.11287	0.225313	0.553022	-1.80825
cg22240515	PRHOXNB	0.0280049	0.999849	0.999947	-1.00005	0.261264	1.38838	1.38838	0.0260221	2.09573	2.09573	0.10411	1.64489	1.64489	0.3942	0.783152	-1.27689
cg01119104	PRHOXNB	0.0438338	0.0103606	0.19175	-5.21512	0.444819	0.671395	-1.48944	0.0176559	0.228489	-4.37657	0.485204	1.43728	1.43728	0.379557	0.630618	-1.58575
cg07911080	PRHOXNB	0.0444632	0.891381	0.918102	-1.0892	0.0402887	4.40018	4.40018	0.0203582	5.7469	5.7469	0.48917	1.55177	1.55177	0.311751	0.519727	-1.92409
cg01190666	PRIC285	0.000534117	0.000569686	0.472705	-2.11549	0.00761108	0.617642	-1.61906	0.00487611	0.592175	-1.68869	0.00190361	0.539246	-1.85444	0.54506	1.0898	1.0898
cg17584970	PRIC285	0.00307017	4.04E-05	0.0209564	-47.7181	0.888725	1.07149	1.07149	0.862467	0.918035	-1.08928	0.896	1.06663	1.06663	0.19795	0.511128	-1.95646
cg19131103	PRIC285	0.0077399	0.113395	1.22617	1.22617	0.0250484	0.729429	-1.37093	0.620416	1.06087	1.06087	0.0400749	0.755184	-1.32418	0.0106468	0.683812	-1.46239
cg06474274	PRIC285	0.0309031	0.0233702	0.505301	-1.97902	0.107661	0.642525	-1.55636	0.0640544	0.591937	-1.68937	0.0450282	0.560167	-1.78518	0.0143161	0.467232	-2.14026
cg18496317	PRIC285	0.0394963	0.2322	1.33393	1.33393	0.506908	0.856549	-1.16747	0.848532	0.956982	-1.04495	0.471975	1.18323	1.18323	0.248103	1.32004	1.32004
cg04442417	PRIC285;PRIC285	0.00148658	0.126242	1.27019	1.27019	0.269236	1.18098	1.18098	0.706891	1.05613	1.05613	0.781779	1.04096	1.04096	0.703084	1.05693	1.05693
cg17864091	PRIC285;PRIC285	0.00372601	0.0150077	0.460453	-2.17178	0.735256	0.915729	-1.09203	0.00807314	0.414757	-2.41105	0.00195526	0.321149	-3.11382	0.0480086	0.556383	-1.79732
cg08533242	PRIC285;PRIC285	0.011521	0.168882	0.790842	-1.26447	0.0106321	0.597975	-1.67231	0.00295442	0.520349	-1.92179	0.335337	1.17238	1.17238	0.00200875	0.497677	-2.00934
cg09844573	PRIC285;PRIC285	0.0246278	0.185397	0.753065	-1.32791	0.281628	0.797743	-1.25354	0.0252863	0.584424	-1.71109	0.0343499	0.607452	-1.64622	0.757556	0.939384	-1.06453
cg15262954	PRIC285;PRIC285	0.0437399	0.309663	0.558301	-1.79115	0.0662427	0.319114	-3.13367	0.0142232	0.186995	-5.34772	0.0384409	0.264566	-3.77978	0.00993754	0.164427	-6.08173
cg17593958	PRIC285;PRIC285;PRIC285	0.0198667	0.469065	1.18044	1.18044	0.212079	1.34449	1.34449	0.0388268	0.5835	-1.71379	0.168078	0.718334	-1.39211	0.920124	1.02285	1.02285
cg03320170	PRICKLE1	0.00370412	0.0053834	0.531821	-1.88033	0.00574977	0.535925	-1.86593	0.859748	1.03095	1.03095	0.609399	0.915028	-1.09286	0.00185266	0.466997	-2.14134
cg11409510	PRICKLE1	0.00585413	0.0145748	0.439251	-2.2766	0.000897787	0.256867	-3.89307	0.0866163	0.595977	-1.67792	0.980183	1.00681	1.00681	0.00227986	0.311383	-3.21148
cg03149699	PRICKLE1	0.0114534	0.735489	0.943187	-1.06024	0.00160685	0.458207	-2.18242	0.0107258	0.575156	-1.73866	0.301397	1.20286	1.20286	0.470293	0.880998	-1.13508
cg27493301	PRICKLE1	0.0201871	0.00045713	0.174517	-5.73011	0.431007	0.775531	-1.28944	0.923747	1.03074	1.03074	0.881756	0.954015	-1.0482	0.0418309	0.476188	-2.10001
cg24400921	PRICKLE1	0.0393594	0.398907	1.85939	1.85939	0.0355913	5.79421	5.79421	0.0654228	0.226461	-4.41578	?	?	?	0.0615231	0.220326	-4.53872
cg12105419	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.00237144	0.000726355	0.727008	-1.3755	0.00448087	1.26504	1.26504	0.0273885	0.850529	-1.17574	0.0399818	0.863061	-1.15867	0.0521024	0.87191	-1.14691
cg07225862	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.0104542	0.839963	0.93738	-1.0668	0.430215	1.29371	1.29371	0.495207	1.24794	1.24794	0.631864	1.16693	1.16693	0.062247	0.51105	-1.95676
cg03309180	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.0105582	0.613979	0.818152	-1.22227	0.191053	1.75844	1.75844	0.00665978	5.28178	5.28178	0.2826	1.56746	1.56746	0.00768062	0.200395	-4.99016
cg25078081	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.0172255	0.414136	0.762852	-1.31087	0.00215535	4.04212	4.04212	0.00335717	3.64714	3.64714	0.465679	0.786051	-1.27218	0.128683	0.587171	-1.70308
cg09561351	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.0220412	0.0628601	0.715729	-1.39718	0.948443	1.01039	1.01039	0.737475	0.947658	-1.05523	0.0894688	1.34881	1.34881	0.448885	1.13126	1.13126
cg00647095	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.0277782	0.791871	1.06669	1.06669	0.00586604	0.414665	-2.41158	0.201662	1.98975	1.98975	[illegible]	1.56994	1.56994	[illegible]	2.05392	2.05392
cg14527458	PRICKLE1;PRICKLE1;PRICKLE1	0.0314646	0.0982998	0.79512	-1.25767	0.00823341	0.652232	-1.5332	0.0352252	0.733353	-1.3636	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07357021	PRICKLE2	0.000276263	0.203605	0.598346	-1.67127	0.271442	1.23404	1.23404	0.000531172	0.371261	-2.69352	3.03E-05	0.223557	-4.47312	0.000266687	0.333145	-3.0017
cg06349851	PRICKLE2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10601100	PRICKLE2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18450254	PRICKLE2	0.00651316	0.0160872	0.259791	-3.84924	0.00146713	0.122266	-8.17887	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25944898	0.0758445	1.46586	1.46586	0.0085115	0.522071	-1.91545	0.258147	0.795817	-1.25657	0.028777	1.64732	1.64732	5.01126	2.97349	0.527432	1
cg08790734	0.604673	0.964575	-1.03673	0.156936	0.900729	-1.11021	0.0247212	1.20282	1.20282	0.000485278	1.45898	1.45898	19.619	1.48202	0.0671469	1
cg23003085	0.342707	0.834925	-1.19771	0.0712054	0.689408	-1.45052	0.919021	0.981407	-1.01895	0.0218189	0.60171	-1.66193	14.222	7.6721	0.479513	1
cg14741804	0.607808	1.03105	1.03105	0.0172177	0.842441	-1.18703	0.0816999	0.89228	-1.12072	0.0165045	1.18892	1.18892	13.0086	0.718996	0.0491295	1
cg03741657	?	?	?	?	?	?	0.00242052	6.28443	6.28443	?	?	?	119.175	6.10761	0.0256245	1
cg07656648	0.014046	1.41703	1.41703	0.917967	1.01191	1.01191	0.14859	1.19494	1.19494	0.225224	1.15768	1.15768	5.42917	1.13617	0.186019	1
cg03439086	0.00164902	0.469145	-2.13154	0.00609524	0.547989	-1.82485	0.0575	0.697042	-1.43463	0.960572	0.991729	-1.00834	9.41807	4.20998	0.397343	1
cg17859081	0.0558369	1.23662	1.23662	0.000218047	0.546418	-1.8301	0.837638	0.980087	-1.02032	0.823792	1.0221	1.0221	8.17264	1.24384	0.135285	1
cg14515203	0.327164	1.12673	1.12673	0.987557	1.00184	1.00184	0.00723647	0.664455	-1.50499	0.207748	1.16964	1.16964	7.70677	1.69845	0.195897	1
cg19585271	0.186812	0.87785	-1.13915	0.0342829	1.25851	1.25851	0.118962	0.854232	-1.17064	0.149223	1.15488	1.15488	6.77405	0.929971	0.12203	1
cg02624704	0.108014	0.784793	-1.27422	0.959941	1.00697	1.00697	0.114756	1.26747	1.26747	0.364649	1.13738	1.13738	5.91123	1.78792	0.268855	1
cg11409796	0.628733	0.880755	-1.13539	0.0460065	1.81477	1.81477	0.335688	1.29527	1.29527	0.241007	1.37697	1.37697	4.7113	5.06794	0.956177	1
cg11803838	0.324854	1.43293	1.43293	0.628283	1.18841	1.18841	0.762131	0.898158	-1.11339	0.0605589	0.472986	-2.11423	3.5952	7.12806	1.76236	1
cg09831207	0.254612	0.897818	-1.11381	2.13E-05	0.460345	-2.17229	0.856147	1.01658	1.01658	8.31E-07	3.29626	3.29626	35.6861	4.64091	0.115599	1
cg17765304	0.342068	0.85724	-1.16653	0.901171	0.980641	-1.01974	0.0577484	1.4016	1.4016	2.75E-06	5.87607	5.87607	19.3147	7.57424	0.348578	1
cg11806442	0.33756	0.8497	-1.17689	0.000336296	0.385802	-2.59201	0.066916	1.40265	1.40265	5.04E-05	3.49773	3.49773	13.4587	5.78482	0.382062	1
cg25116269	0.115779	0.841	-1.18906	0.0346638	0.779223	-1.28333	0.889238	1.01422	1.01422	1.37E-05	2.51167	2.51167	12.9481	2.10411	0.144448	1
cg03487040	0.011761	0.462541	-2.16197	0.00101651	0.302972	-3.30063	0.688463	1.1038	1.1038	0.0888656	0.631397	-1.58379	7.63782	7.26239	0.845196	1
cg02642298	0.00575668	1.58217	1.58217	0.00982051	1.51256	1.51256	0.0150325	0.6846	-1.46071	0.158762	1.21042	1.21042	6.85635	1.74533	0.226273	1
cg11444607	0.240374	1.38702	1.38702	0.0315593	0.51119	-1.95622	0.0302303	0.507551	-1.97024	0.016667	2.17701	2.17701	6.455	7.24182	0.997238	1
cg21450529	0.0130413	0.194281	-5.14718	0.048919	0.302344	-3.30749	0.210922	0.495989	-2.01617	0.0921025	0.372937	-2.68142	4.89655	21.9455	3.98386	1
cg02289127	0.0161574	0.671574	-1.48904	0.0128568	1.51883	1.51883	0.376371	0.884426	-1.13068	0.437444	0.898376	-1.11312	4.86071	1.40909	0.257683	1
cg25006092	0.71758	0.974089	-1.0266	0.000321758	1.52292	1.52292	0.612549	0.963762	-1.0376	0.146026	0.893334	-1.1194	5.6965	0.471275	0.0735384	1
cg00848461	0.446366	0.719529	-1.3898	0.00298542	0.17774	-5.6262	0.019923	0.303747	-3.29222	0.00525333	0.209928	-4.76354	5.70256	16.2423	2.53177	1
cg13284426	0.540549	1.40697	1.40697	0.0263729	0.234277	-4.26845	0.603402	0.74913	-1.33488	0.0232947	0.224435	-4.45563	3.40076	16.358	4.27566	1
cg23464032	0.000788467	0.614638	-1.62697	0.474361	0.932583	-1.07229	0.231995	0.886695	-1.12778	0.191321	1.14193	1.14193	7.05792	1.02874	0.129562	1
cg17824391	0.00138415	0.237618	-4.20844	0.164837	0.63174	-1.58293	0.329682	1.36587	1.36587	0.191175	1.53566	1.53566	6.36806	9.68918	1.35247	1
cg14824848	0.241608	1.11181	1.11181	0.000305487	0.602185	-1.66062	0.0149469	0.771995	-1.29535	0.00243238	1.44041	1.44041	10.7712	1.2757	0.105276	1
cg13090058	0.193689	1.25409	1.25409	0.0209325	1.58002	1.58002	0.796738	1.04341	1.04341	0.449171	0.880764	-1.13538	15.9128	6.83059	0.381557	1
cg05123067	0.344554	1.24026	1.24026	0.00198084	2.62829	2.62829	0.00303237	2.45575	2.45575	0.0344897	1.7252	1.7252	10.5724	8.18995	0.68858	1
cg20961782	0.0345794	0.765113	-1.307	0.00439317	1.51169	1.51169	0.00250092	0.633613	-1.57825	0.0596347	0.793785	-1.25979	10.2515	1.91656	0.166182	1
cg00762397	0.128776	0.61266	-1.63223	0.00185954	0.267681	-3.73578	0.0318766	0.472082	-2.11827	0.115766	0.600352	-1.66569	5.45297	7.69296	1.25403	1
cg19812400	0.093887	1.49123	1.49123	0.00354998	2.35646	2.35646	0.107464	1.4639	1.4639	0.351519	0.812213	-1.2312	4.57561	3.41016	0.662481	1
cg00091004	0.0645573	0.265503	-3.76643	0.0525767	0.244725	-4.08621	0.196371	0.417894	-2.39295	0.0630312	0.262991	-3.80241	4.27915	27.6473	5.74305	1
cg26841068	0.242586	0.607744	-1.64543	0.0300616	2.82648	2.82648	0.0700699	0.438355	-2.28125	0.289081	1.56539	1.56539	3.94953	10.373	2.33456	1
cg05889294	0.712065	0.916382	-1.09125	0.895181	1.03154	1.03154	0.0118295	0.476958	-2.09662	0.221852	0.739012	-1.35316	3.66653	3.22196	0.78111	1
cg13567392	0.000589791	0.281953	-3.54669	0.000263814	0.239386	-4.17735	0.0794142	1.59104	1.59104	0.00331997	0.385342	-2.5951	21.4145	19.2925	0.800811	1
cg02835672	0.000761504	0.230947	-4.33001	0.0536724	1.87662	1.87662	0.713248	1.11187	1.11187	0.0271768	0.471827	-2.11942	8.46498	11.0654	1.16195	1
cg06471536	0.00896951	0.407954	-2.45126	0.136602	0.648787	-1.54134	0.000827783	3.88966	3.88966	0.300472	0.748668	-1.33571	8.40577	9.68954	1.02464	1
cg20112110	0.499058	1.28839	1.28839	0.000923709	0.160859	-6.21662	0.00229716	0.207306	-4.82378	0.16202	0.576184	-1.73556	5.7414	12.3989	1.91961	1
cg05357660	0.564629	0.915357	-1.09247	0.0124856	1.60333	1.60333	0.195167	0.812113	-1.23136	0.31175	0.85304	-1.17228	5.49873	2.00912	0.324781	1
cg06068369	0.187731	0.595902	-1.67813	0.265429	0.65028	-1.5378	0.0992208	1.95457	1.95457	0.130966	0.546227	-1.83074	4.15194	9.04204	1.93581	1
cg05041265	0.199969	0.720413	-1.38809	0.0252593	0.524999	-1.90477	0.0441611	1.7507	1.7507	0.114869	0.660164	-1.51478	3.5825	3.32844	0.825852	1
cg14193481	0.578295	0.873514	-1.1448	2.16E-05	0.127716	-7.82986	0.277652	1.31244	1.31244	0.681193	1.1046	1.1046	9.738	8.9448	0.816486	1
cg00982680	0.000907407	0.425262	-2.35149	0.564674	1.10552	1.10552	0.876642	1.02713	1.02713	0.0680825	1.42199	1.42199	7.74024	3.63969	0.417982	1
cg27343216	0.0767682	0.702363	-1.42377	0.689152	1.07484	1.07484	0.671969	1.07945	1.07945	0.0392327	1.53454	1.53454	5.28596	2.69741	0.453597	1
cg27623126	0.255743	1.22367	1.22367	0.00722408	0.554444	-1.80361	0.678196	0.931471	-1.07357	0.0290042	1.54947	1.54947	3.95149	1.81155	0.407509	1
cg07914629	0.655162	1.17544	1.17544	0.00121974	6.11715	6.11715	0.363406	1.40069	1.40069	0.00202491	5.23374	5.23374	10.6844	16.6277	1.55627	1
cg16442859	0.0915276	0.767605	-1.30275	0.105261	0.777297	-1.28651	0.127981	1.26393	1.26393	0.816126	0.967389	-1.03371	7.26009	2.32961	0.285226	1
cg09110402	0.0924357	0.79371	-1.25991	0.0492494	0.755775	-1.32315	0.0341792	0.73467	-1.36116	0.871114	1.02046	1.02046	15.5149	3.82449	0.219115	1
cg00578354	0.0142696	0.437497	-2.28573	0.00214363	0.307463	-3.25243	0.016109	0.446872	-2.23778	0.0552531	0.551889	-1.81196	7.24225	8.58238	1.05337	1
cg13795264	0.0153749	0.770412	-1.29801	0.393214	0.926172	-1.07971	0.985146	1.00163	1.00163	0.0361274	1.23825	1.23825	4.40292	0.536218	0.108255	1
cg21732260	0.111948	0.722214	-1.38463	0.216682	0.783168	-1.27686	0.0151597	1.7523	1.7523	0.17996	1.30701	1.30701	4.10648	2.29902	0.497645	1
cg00256068	0.234245	1.31941	1.31941	0.319367	1.25703	1.25703	0.0150109	1.94371	1.94371	0.0848878	1.52737	1.52737	3.75936	2.94211	0.695653	1
cg15745900	0.227139	1.27735	1.27735	2.65E-06	0.080006	-12.4991	?	?	?	0.00172828	0.403197	-2.48018	36.5541	18.4969	0.442763	1
cg12679192	?	?	?	0.0393191	1.19998	1.19998	0.207164	0.903291	-1.10706	0.0542101	0.846153	-1.18182	8.41408	0.692495	0.0823018	1
cg04652282	0.240129	1.38221	1.38221	0.00333629	0.349462	-2.86154	0.0229904	2.04563	2.04563	0.0298318	0.510302	-1.95962	7.42733	8.14729	0.975053	1
cg09749844	0.570866	1.10594	1.10594	0.0515217	1.47647	1.47647	0.129481	1.33373	1.33373	0.116975	0.741275	-1.34903	5.25981	2.57456	0.435091	1
cg17459204	0.917885	1.01164	1.01164	0.0267872	1.34251	1.34251	0.444647	0.916237	-1.09142	0.581561	0.939424	-1.06448	3.97231	0.792911	0.177431	1
cg21239940	0.132976	1.69303	1.69303	0.926033	1.03062	1.03062	0.409777	1.31497	1.31497	0.667908	0.869195	-1.15049	3.83941	6.41535	1.48526	1
cg23059461	0.355683	0.801656	-1.24742	0.528229	1.16032	1.16032	0.231021	0.746503	-1.33958	0.0286104	0.548312	-1.82378	5.61719	4.81704	0.762269	1
cg18352710	0.78376	1.04574	1.04574	0.326553	1.17901	1.17901	0.510008	0.897043	-1.11477	0.606399	0.918976	-1.08817	5.41031	2.26493	0.372118	1
cg02374486	0.135758	1.25577	1.25577	0.259621	0.846546	-1.18127	0.193331	0.822837	-1.21531	0.0222496	0.678296	-1.47428	4.3826	1.39295	0.282521	1
cg27368828	0.143775	1.30233	1.30233	0.00271378	2.0067	2.0067	0.179329	0.786718	-1.2711	0.2863	0.830085	-1.2047	4.36739	1.95641	0.398185	1
cg12433559	0.115623	1.28436	1.28436	0.00132125	1.98094	1.98094	0.297034	1.17139	1.17139	0.906717	1.0173	1.0173	4.2896	1.4545	0.301401	1
cg19880751	0.183278	0.701107	-1.42632	0.597868	1.14324	1.14324	0.470203	0.831305	-1.20293	0.0195053	0.491642	-2.034	4.26656	4.27379	0.890395	1
cg12336290	0.130501	0.682873	-1.4644	0.401215	0.818162	-1.22225	0.0608835	0.610495	-1.63802	0.00751747	0.447747	-2.23341	4.21081	3.63851	0.768078	1
cg23364656	0.107572	1.27513	1.27513	0.0875284	1.29827	1.29827	0.190584	0.825459	-1.21145	0.241394	0.843907	-1.18496	3.67059	1.11342	0.269631	1
cg26971585	0.90611	0.984041	-1.01622	0.00557633	1.64273	1.64273	0.755975	0.958387	-1.04342	0.844691	1.0271	1.0271	3.49777	1.02984	0.261713	1
cg20408402	0.508676	0.845246	-1.18309	0.00419418	0.382215	-2.61633	0.322355	1.29221	1.29221	0.01723	0.483028	-2.07027	5.25819	5.23678	0.88527	1
cg19272150	0.0771673	0.211035	-4.73854	0.00822843	0.0688282	-14.5289	0.0190574	0.10574	-9.4572	0.109267	0.250939	-3.98503	3.5655	35.395	8.82407	1
cg12819873	0.077493	0.541544	-1.84657	0.000340871	0.164756	-6.06956	0.00538489	0.318164	-3.14304	0.0637881	0.521393	-1.91794	9.13029	14.1251	1.37517	1
cg15971518	0.402774	0.805498	-1.24147	0.427645	0.814991	-1.22701	0.355539	1.27134	1.27134	0.0272485	0.51683	-1.93487	5.86864	5.93092	0.898322	1
cg05471009	0.862596	1.04079	1.04079	0.70665	1.09117	1.09117	0.386936	1.22711	1.22711	0.317973	0.788041	-1.26897	4.32348	3.64666	0.749737	1
cg08773180	0.621433	0.87327	-1.14512	0.0203349	0.467009	-2.14129	0.00589232	0.374969	-2.66688	0.231844	0.710791	-1.40688	4.1897	4.91777	1.04336	1
cg04549076	0.142128	0.545923	-1.83176	0.00818875	0.273166	-3.66078	0.00914788	0.280916	-3.55978	0.551076	0.793479	-1.26027	4.16624	9.70643	2.07092	1
cg04620833	0.187469	0.800518	-1.24919	0.00273417	0.5175	-1.93237	0.00805304	0.582377	-1.7171	0.0273509	0.659822	-1.51556	10.4544	4.20012	0.357116	1
cg12626411	0.0492483	0.299475	-3.33918	0.0158065	0.204259	-4.89575	0.728488	0.82927	-1.20588	0.150033	0.436507	-2.29091	3.92888	17.9569	4.06266	1
cg24505619	0.531919	0.861175	-1.1612	0.272953	0.763889	-1.30909	0.568208	0.872703	-1.14586	0.326395	0.787274	-1.27021	3.45567	3.04964	0.784448	1
cg00066270	0.00794462	0.106504	-9.38936	0.00530206	0.089095	-11.224	0.227147	0.434159	-2.30331	0.0260571	0.175905	-5.6849	5.32531	36.5205	6.09591	1
cg24669741	0.00701529	0.181345	-5.51434	0.013888	0.225676	-4.43113	0.913225	0.948014	-1.05484	0.0324326	0.293338	-3.40904	4.5888	17.4324	3.37681	1
cg03209166	0.5575	1.14998	1.14998	0.0413777	0.574528	-1.74056	0.179716	1.39889	1.39889	0.352217	0.7981	-1.25298	6.8465	6.01737	0.781242	1
cg23527067	0.531613	0.811098	-1.2329	0.00149627	0.220339	-4.53847	0.236122	0.663513	-1.50713	0.0918129	0.541555	-1.84653	4.51095	7.80008	1.53702	1
cg10719522	3.68E-08	0.0944447	-10.5882	4.09E-07	0.176636	-5.66135	1.10E-07	0.128326	-7.79263	4.02E-06	0.276126	-3.62154	123.679	28.2928	0.203342	1
cg22926422	1.24E-06	0.117359	-8.52083	6.27E-07	0.0961273	-10.4029	1.46E-05	0.213233	-4.68971	3.88E-06	0.157941	-6.33146	57.1098	26.6191	0.414314	1
cg26474127	9.42E-07	0.0623971	-16.0264	0.0019865	0.392317	-2.54896	0.000533588	0.315079	-3.17381	6.83E-05	0.210046	-4.76087	48.5755	35.3138	0.646213	1
cg21278181	5.34E-06	0.138826	-7.20326	0.00311469	0.46101	-2.16915	0.182691	0.762764	-1.31102	0.00153994	0.417893	-2.39296	31.5766	18.3411	0.516304	1
cg02645340	0.0119411	1.82733	1.82733	0.00306137	2.18022	2.18022	9.80E-06	6.21547	6.21547	0.000295312	3.10459	3.10459	25.978	15.1961	0.519965	1
cg20101529	0.00372771	0.545468	-1.83329	0.0124725	0.618154	-1.61772	0.000473817	2.33823	2.33823	0.844967	0.970162	-1.03076	22.4373	8.50775	0.337048	1
cg25591794	?	?	?	?	?	?	0.000166715	11.0666	11.0666	0.677339	1.15427	1.15427	28.5365	40.3848	1.4152	1
cg10402103	0.454349	0.784881	-1.27408	2.59E-05	0.0707284	-14.1386	0.00360118	0.285738	-3.4997	0.00583167	0.317456	-3.15004	17.6603	28.2543	1.42211	1
cg13847589	0.0715457	0.541248	-1.84758	0.270763	1.41879	1.41879	0.00318709	3.41634	3.41634	0.832454	0.937415	-1.06676	16.2591	23.9657	1.31021	1
cg03570045	0.0108926	0.377816	-2.64679	5.96E-06	0.0453257	-22.0625	0.362889	0.752196	-1.32944	0.139859	0.616489	-1.62209	13.969	20.5143	1.30538	1
cg09781827	0.163538	0.6029	-1.65865	0.0274716	0.411713	-2.42888	0.00456022	3.61657	3.61657	0.0383709	2.26265	2.26265	10.5393	19.3293	1.63025	1
cg01264087	0.0256173	0.35196	-2.84123	0.397	0.710661	-1.40714	0.000277698	0.0960587	-10.4103	0.038407	0.388784	-2.57212	10.0338	24.6461	2.18339	1
cg03199005	0.00490968	0.21426	-4.66722	0.00169543	0.156677	-6.38256	0.0115473	0.271014	-3.68984	0.0305605	0.349796	-2.85881	7.29928	19.7514	2.40528	1
cg08116792	0.00747476	0.178825	-5.59206	0.0155461	0.226916	-4.40692	0.142547	0.454823	-2.19866	0.0390091	0.302943	-3.30096	7.18542	28.4309	3.51711	1
cg27513935	0.855727	0.961524	-1.04002	0.994636	1.00145	1.00145	0.000339283	3.47195	3.47195	0.0818761	1.51534	1.51534	6.21707	4.57611	0.654272	1
cg15332217	0.627412	0.840502	-1.18976	0.0741644	0.493188	-2.02762	0.00841023	3.30576	3.30576	0.523664	1.25808	1.25808	5.605	11.2025	1.77658	1
cg21950155	0.00298894	6.64857	6.64857	0.167525	0.504427	-1.98245	0.526933	0.742154	-1.34743	0.365411	1.54123	1.54123	5.48962	18.8122	3.0461	1
cg22240515	0.518889	0.832639	-1.201	0.00449908	0.34623	-2.88825	0.804728	1.07184	1.07184	0.0464721	1.89406	1.89406	4.18752	5.20255	1.10435	1
cg01119104	0.139704	0.443595	-2.25431	0.0116857	0.199574	-5.01068	0.701113	0.820985	-1.21805	0.0401212	0.297279	-3.36384	3.56029	14.7509	3.68281	1
cg07911080	0.207071	2.29814	2.29814	0.719243	0.797918	-1.25326	0.00466308	10.5162	10.5162	0.133651	2.7503	2.7503	3.54139	21.9362	5.50598	1
cg01190666	0.000572692	0.472992	-2.1142	0.12668	0.792977	-1.26107	0.000222844	0.421954	-2.36993	0.000372647	0.449635	-2.22403	14.031	4.38067	0.277523	1
cg17584970	0.128733	2.24737	2.24737	0.138238	0.455123	-2.19721	0.901865	0.940972	-1.06273	0.61474	1.28442	1.28442	8.49957	32.7463	3.42462	1
cg19131103	0.630488	1.05904	1.05904	0.00607418	0.654408	-1.5281	0.00704347	0.662139	-1.51026	0.00801504	0.668901	-1.49499	6.4104	1.42216	0.197201	1
cg06474274	0.0273639	0.518055	-1.9303	0.0162957	0.477079	-2.09609	0.0776065	0.610054	-1.6392	0.00931978	0.435607	-2.29565	4.04394	4.06579	0.893693	1
cg18496317	0.957674	1.01228	1.01228	0.000995702	0.32484	-3.07844	0.823775	1.05263	1.05263	0.419107	0.827083	-1.20907	3.70035	3.09924	0.74449	1
cg04442417	2.25E-05	0.292802	-3.41528	0.114241	1.28195	1.28195	0.786326	1.04007	1.04007	0.47539	1.11064	1.11064	10.5067	3.47805	0.294249	1
cg17864091	0.818019	0.941968	-1.06161	0.0121196	2.25057	2.25057	0.0698991	1.69168	1.69168	0.0125001	0.446638	-2.23895	8.02192	8.54825	0.947211	1
cg08533242	0.256885	1.20856	1.20856	0.713714	0.942721	-1.06076	0.275659	0.833988	-1.19906	0.276573	0.834299	-1.19861	5.64753	2.29203	0.360752	1
cg09844573	0.0370559	1.63061	1.63061	0.0229923	1.73185	1.73185	0.585846	1.11752	1.11752	0.0639951	0.656785	-1.52257	4.38001	2.82909	0.574142	1
cg15262954	0.602494	0.747279	-1.33819	0.636528	1.30201	1.30201	0.540354	1.41009	1.41009	0.0398708	0.267917	-3.7325	3.56314	17.3453	4.3271	1
cg17593958	0.00434918	2.35861	2.35861	0.0163499	1.93674	1.93674	0.390331	1.21924	1.21924	0.122021	0.685611	-1.45855	4.71526	3.78733	0.713962	1
cg03320170	0.0118913	0.582151	-1.71777	0.000872622	0.42298	-2.36418	0.00708904	0.549066	-1.82128	0.646358	0.923475	-1.08287	8.03612	3.77947	0.418053	1
cg11409510	0.114972	0.625833	-1.59787	0.00322225	0.333177	-3.00141	0.534536	0.84198	-1.18768	0.601595	1.15494	1.15494	6.99204	8.27999	1.05262	1
cg03149699	0.845389	1.03425	1.03425	0.00251389	0.484885	-2.06235	0.111315	0.741413	-1.34878	0.96	0.991386	-1.00869	5.65829	2.66653	0.418898	1
cg27493301	0.0403982	0.472938	-2.11444	0.100503	0.566066	-1.76658	0.155308	0.618197	-1.61761	0.261508	0.690498	-1.44823	4.68969	7.42989	1.40827	1
cg24400921	0.0722246	0.236709	-4.2246	0.567693	1.5141	1.5141	0.344216	2.01321	2.01321	0.0547211	4.78237	4.78237	3.76354	27.3277	7.26117	1
cg12105419	0.454345	0.953821	-1.04841	0.0151823	1.20325	1.20325	0.181165	0.915698	-1.09206	0.0357161	0.859313	-1.16372	9.1733	0.559131	0.0541795	1
cg07225862	0.00312347	0.274576	-3.64198	0.000627307	0.186085	-5.37389	0.320344	0.720074	-1.38875	0.310598	0.714952	-1.3987	5.8271	9.43978	1.43998	1
cg03309180	0.0943814	0.463292	-2.15846	0.00889059	0.212138	-4.7139	?	?	?	0.0726315	2.33231	2.33231	10.0422	19.985	1.24382	1
cg25078081	0.821986	0.929536	-1.07581	0.717808	1.12488	1.12488	0.999353	1.00026	1.00026	0.276733	1.44315	1.44315	4.94762	8.23868	1.48016	1
cg09561351	0.280731	0.835958	-1.19623	0.00184706	2.02686	2.02686	0.224077	1.22643	1.22643	0.0285655	1.51111	1.51111	4.55101	1.84076	0.359532	1
cg00647095	0.337278	1.27314	1.27314	0.0754585	1.62107	1.62107	0.157029	1.44693	1.44693	0.186704	1.40729	1.40729	4.39953	3.96319	0.838865	1
cg14527458	0.0209117	1.42107	1.42107	0.214434	1.1797	1.1797	0.309403	0.87536	-1.14239	0.455503	0.908365	-1.1086	[illegible]	[illegible]	[illegible]	1
cg07357021	0.0843989	0.704233	-1.41998	0.029602	1.60069	1.60069	0.0320481	0.864034	-1.15737	[illegible]	0.559909	-1.786	16.8251	8.99049	0.474577	1
cg06349851	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10601100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18450254	0.0349872	0.324883	-3.07803	0.00849191	0.214966	-4.65189	0.00578952	0.191236	-5.22915	0.048789	0.357102	-2.80032	6.75612	22.4359	2.94791	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22801134	PRICKLE2	0.0121489	0.0138219	0.242945	-4.11615	0.00159781	0.121734	-8.2146	0.0644637	0.38062	-2.62729	0.73042	1.17451	1.17451	0.350637	0.63971	-1.56321
cg02147797	PRICKLE2	0.0180107	0.379215	1.22105	1.22105	0.638409	1.11047	1.11047	0.0393679	1.69498	1.69498	0.0016542	2.70961	2.70961	0.625168	1.11516	1.11516
cg17393041	PRICKLE2	0.022376	0.0166856	0.475561	-2.10278	0.00376927	0.369962	-2.70298	0.0745997	0.603403	-1.65727	0.229674	1.37792	1.37792	0.0334089	0.531413	-1.88177
cg25818214	PRICKLE2	0.043935	0.282473	1.50193	1.50193	0.00392857	0.243326	-4.10971	0.485769	1.29429	1.29429	0.033446	2.47201	2.47201	0.802097	1.09578	1.09578
cg23047271	PRICKLE2;PRICKLE2	0.00570833	0.194889	1.33569	1.33569	0.172689	0.736122	-1.35847	0.00486667	0.454725	-2.19913	0.0585658	1.57003	1.57003	0.00477473	0.453474	-2.2052
cg27538352	PRICKLE3	0.000302861	0.566403	1.21681	1.21681	0.000103709	0.0978342	-10.2214	0.00587896	0.295081	-3.3889	0.708751	1.13547	1.13547	3.06E-05	0.0634177	-15.7685
cg16594878	PRICKLE3	0.000314123	0.236815	0.627513	-1.59359	0.0382936	2.46599	2.46599	0.000166926	0.089802	-11.1356	0.157075	0.566127	-1.76639	1.26E-05	0.0315702	-31.6755
cg23194346	PRICKLE3	0.000677497	0.0132235	0.46899	-2.13224	0.00134309	0.31703	-3.15428	0.00675614	0.420757	-2.37667	0.00467859	0.39572	-2.52704	4.98E-05	0.153021	-6.53503
cg17547226	PRICKLE3	0.00382286	0.888957	0.963203	-1.0382	0.00158675	0.296208	-3.376	0.00330247	0.341632	-2.92712	0.0194816	0.468672	-2.13369	0.000418547	0.222856	-4.4872
cg26104731	PRICKLE3	0.0144382	0.960342	0.96607	-1.03512	0.0478817	4.80781	4.80781	0.403887	1.80929	1.80929	0.414965	1.78328	1.78328	0.930058	1.06284	1.06284
cg03553451	PRICKLE3	0.0202228	0.685082	0.917134	-1.09035	0.487324	1.16151	1.16151	0.348705	0.814903	-1.22714	0.602537	1.11792	1.11792	0.122682	1.42599	1.42599
cg10417559	PRICKLE3	0.0326198	0.119681	2.08126	2.08126	0.0182767	3.46773	3.46773	0.13774	2.00147	2.00147	0.0794733	2.32816	2.32816	0.0677053	0.411276	-2.43146
cg16925682	PRICKLE3	0.0341827	0.462838	1.53055	1.53055	0.153343	0.418634	-2.38872	0.202421	0.464656	-2.15213	0.014806	0.181275	-5.51648	0.00541001	0.124306	-8.04465
cg01339183	PRICKLE4	1.32E-05	0.0868395	1.43406	1.43406	0.0809976	0.691547	-1.44603	0.803229	0.953522	-1.04874	0.000429363	0.345668	-2.89295	0.0205404	1.70227	1.70227
cg24126144	PRICKLE4;TOMM6	0.00165195	0.231625	1.0964	1.0964	0.696314	1.02919	1.02919	0.736013	1.02513	1.02513	0.0317279	0.83136	-1.20285	0.612086	0.963184	-1.03822
cg23183521	PRIM1	0.00141254	0.284134	1.10625	1.10625	0.0180959	0.770664	-1.29758	0.491355	1.06548	1.06548	0.000635541	0.621166	-1.60988	0.677353	0.962741	-1.0387
cg18186349	PRIM1	0.014744	0.223598	1.16881	1.16881	0.0164397	0.699313	-1.42997	0.473488	1.09302	1.09302	0.911688	1.01363	1.01363	0.070441	1.27976	1.27976
cg22295879	PRIM1	0.0384204	0.30757	1.53672	1.53672	0.69289	1.17524	1.17524	0.00562106	0.227936	-4.3872	0.434438	0.722941	-1.38324	0.213696	0.587064	-1.70339
cg22154385	PRIM2	0.000513005	0.000754889	0.357218	-2.79941	0.436459	0.85216	-1.17349	0.000572522	0.341435	-2.92881	0.179021	0.750013	-1.33331	0.00440168	0.46479	-2.15151
cg10536327	PRIM2	0.00108358	0.00153698	0.216534	-4.61821	0.124025	0.571686	-1.74921	0.0163376	0.373243	-2.67922	0.00222377	0.237291	-4.21423	0.00113578	0.200448	-4.98884
cg13080137	PRIM2	0.00109616	0.165402	1.29251	1.29251	0.034232	1.53486	1.53486	0.068957	0.702611	-1.42326	0.0331684	0.649306	-1.5401	6.78E-05	0.282396	-3.54113
cg24990490	PRIM2	0.00176941	0.000394286	0.169945	-5.88427	0.75211	1.10461	1.10461	0.00178147	0.247483	-4.04067	0.833593	1.06829	1.06829	0.0383784	0.470795	-2.12407
cg26413528	PRIM2	0.0111889	0.00310219	0.316399	-3.16057	0.3683	0.76889	-1.30058	0.0750459	0.569038	-1.75735	0.0632771	0.552094	-1.81129	0.00260542	0.305408	-3.27431
cg16001460	PRIM2	0.0152004	0.997396	1.00066	1.00066	0.0114357	1.89627	1.89627	0.875828	1.03212	1.03212	0.246265	0.782579	-1.27783	0.880941	1.03077	1.03077
cg15704055	PRIM2	0.0160823	0.370158	0.884464	-1.13063	0.00499282	0.609155	-1.64162	0.0140444	1.49861	1.49861	0.0114144	1.52558	1.52558	0.140452	1.2356	1.2356
cg18747265	PRIM2	0.0181456	0.0330231	0.299776	-3.33583	0.00541277	0.170498	-5.86516	0.0287875	0.28762	-3.47681	0.40601	1.50805	1.50805	0.0066409	0.182244	-5.48715
cg12290875	PRIM2	0.0189452	0.0470354	0.684602	-1.4607	0.0453861	0.682077	-1.46611	0.0225789	0.634293	-1.57656	0.0402548	0.673656	-1.48444	0.0474924	0.685287	-1.45924
cg24650350	PRIM2	0.0380792	0.416825	0.824501	-1.21285	0.0877459	0.645146	-1.55004	0.825179	0.949853	-1.05279	0.323369	1.26771	1.26771	0.00613151	0.435306	-2.29723
cg01976623	PRIMA1	0.000776512	0.0199317	0.403106	-2.48074	0.00020822	7.44304	7.44304	0.956284	0.982429	-1.01789	0.265786	1.45499	1.45499	0.00233163	0.252949	-3.95337
cg06918804	PRIMA1	0.0135496	0.858073	1.0274	1.0274	0.0138293	1.58325	1.58325	0.0646922	1.36805	1.36805	0.101782	1.31065	1.31065	0.707601	1.05856	1.05856
cg23889730	PRIMA1	0.0310659	0.0948491	2.83238	2.83238	0.262077	1.94108	1.94108	0.978606	0.984907	-1.01532	0.374242	1.67746	1.67746	0.0629852	3.27487	3.27487
cg00301775	PRKAA1;PRKAA1	0.000541969	0.407486	1.24609	1.24609	0.499355	0.836899	-1.19489	4.28E-05	0.132749	-7.533	0.0332249	1.9085	1.9085	0.599359	0.871411	-1.14756
cg26294217	PRKAA1;PRKAA1	0.00516443	?	?	?	?	?	?	?	?	?	0.125509	1.59335	1.59335	0.00262731	0.245458	-4.07402
cg24728477	PRKAA1;PRKAA1;PRKAA1;PRKAA1	0.0314437	0.35366	0.843528	-1.1855	0.00236586	0.469523	-2.12982	0.409297	0.8603	-1.16239	0.853766	1.03345	1.03345	0.632621	0.917706	-1.08967
cg26052885	PRKAA2	0.000961951	0.000268497	0.263314	-3.79774	0.00423965	0.425559	-2.34985	0.00127302	0.35028	-2.85485	0.015223	0.514128	-1.94504	0.0653535	0.630209	-1.58678
cg26068551	PRKAA2	0.0122815	0.183089	0.716439	-1.39579	0.182658	0.716176	-1.39631	0.492415	0.848253	-1.17889	0.594602	0.880916	-1.13518	0.00640012	0.43283	-2.31037
cg09763175	PRKAA2	0.01234	0.895871	1.07366	1.07366	0.805708	1.14311	1.14311	0.150484	2.3082	2.3082	0.166201	0.448739	-2.22847	0.806567	1.14242	1.14242
cg06836772	PRKAA2	0.0166051	0.013677	0.28115	-3.55682	0.0371822	2.73623	2.73623	0.0751064	2.28119	2.28119	0.334633	0.660972	-1.51292	0.0243378	0.327355	-3.05479
cg09686317	PRKAA2	0.0191762	?	?	?	0.257114	0.405329	-2.46713	0.762115	1.2591	1.2591	0.989093	0.989685	-1.01042	0.00155813	0.0256602	-38.9709
cg24937356	PRKAA2	0.0395079	0.397083	1.2427	1.2427	0.0145293	0.470302	-2.1263	0.99693	1.00096	1.00096	0.424057	1.22701	1.22701	0.756913	0.925149	-1.08091
cg12167830	PRKAA2	0.0409335	0.0474887	0.379696	-2.63368	0.332133	0.652216	-1.53324	0.548728	1.29588	1.29588	0.00196019	0.154171	-6.48628	0.108156	0.472981	-2.11425
cg04826215	PRKAB1	0.000446584	?	?	?	0.744181	1.09677	1.09677	0.183939	1.49342	1.49342	0.633292	1.14531	1.14531	0.713223	1.10977	1.10977
cg09998801	PRKAB1	0.00762856	0.0611864	0.689119	-1.45113	0.871303	0.97179	-1.02903	0.0204481	1.63724	1.63724	0.035242	0.648666	-1.54163	0.0580895	0.685204	-1.45942
cg04643397	PRKAB1	0.0177821	0.0278785	0.370733	-2.69736	0.0192109	0.339018	-2.94969	0.100367	0.502914	-1.98841	0.518876	0.779025	-1.28366	0.0073485	0.267308	-3.741
cg10168009	PRKAB1	0.0416515	0.388809	0.773135	-1.29343	0.739656	1.10203	1.10203	0.0990342	0.590455	-1.69361	0.78148	0.922183	-1.08438	0.766815	0.917011	-1.0905
cg05432118	PRKAB1;PRKAB1	0.00138	0.00268973	2.46741	2.46741	0.0110755	0.505511	-1.9782	?	?	?	0.0338548	1.68916	1.68916	0.000506168	0.298422	-3.35096
cg14970434	PRKAB2	2.26E-05	0.02504	0.625309	-1.59921	0.284152	1.21647	1.21647	0.000289355	0.352984	-2.83299	0.0170273	0.599061	-1.66928	2.65E-05	0.231573	-4.31828
cg12583537	PRKAB2	0.0165717	0.0179736	0.610614	-1.63769	0.0327417	1.53518	1.53518	0.852338	1.03249	1.03249	0.810377	0.959596	-1.04211	0.00423646	1.92875	1.92875
cg04870460	PRKAB2	0.035022	0.0413969	0.136617	-7.31972	0.00977765	0.0630093	-15.8707	0.221443	0.337032	-2.96708	0.503441	1.7764	1.7764	0.0321956	0.119681	-8.35555
cg19302295	PRKACA	0.0040481	0.000588501	0.295164	-3.38794	0.6548	0.901753	-1.10895	0.566909	0.875459	-1.14226	0.00105826	0.32866	-3.04266	0.0680366	0.625243	-1.59938
cg08499107	PRKACA	0.00809304	0.21069	1.3105	1.3105	0.0891155	0.680857	-1.46874	0.740575	1.0705	1.0705	0.373695	1.2059	1.2059	0.00758603	0.494564	-2.02198
cg12116020	PRKACA	0.00966403	0.679911	1.07979	1.07979	0.0122053	0.561109	-1.78218	0.0306847	0.625147	-1.59962	0.0534498	0.666366	-1.50068	0.280688	0.812621	-1.23059
cg03856723	PRKACA	0.0106262	0.23358	1.16235	1.16235	0.0479318	1.31311	1.31311	0.0035609	1.60918	1.60918	0.00250564	1.65826	1.65826	0.0561044	1.29773	1.29773
cg08072992	PRKACA	0.0466045	0.587861	1.13401	1.13401	0.230029	1.33568	1.33568	0.149731	1.42613	1.42613	0.082255	1.55654	1.55654	0.797706	0.942674	-1.06081
cg26487562	PRKACA;PRKACA	0.000583722	0.0532611	0.620309	-1.6121	0.939631	1.01661	1.01661	0.103562	1.47279	1.47279	0.00507067	2.23838	2.23838	0.000198493	0.25682	-3.89377
cg19586199	PRKACA;PRKACA	0.00103692	0.0470916	1.29316	1.29316	0.119769	1.21043	1.21043	0.000132533	2.1168	2.1168	0.0288458	0.74707	-1.33856	0.0454829	1.29632	1.29632
cg09906922	PRKACA;PRKACA	0.00850004	0.0128903	0.623331	-1.60428	0.402968	1.14	1.14	0.189918	0.808522	-1.23682	0.00625353	1.72545	1.72545	0.00546718	0.571564	-1.74958
cg22857947	PRKACA;PRKACA	0.0109953	0.0370851	0.207305	-4.82381	0.0425285	0.219099	-4.56414	0.481739	0.628245	-1.59174	0.93313	0.946909	-1.05607	0.00500274	0.0894174	-11.1835
cg19621460	PRKACA;PRKACA	0.0177507	0.00625048	0.287216	-3.48171	0.0308801	0.411728	-2.42879	0.435432	0.756858	-1.32125	0.804053	1.09093	1.09093	0.00343898	0.248793	-4.0194
cg01596520	PRKACA;PRKACA	0.0237374	0.014338	0.303849	-3.29111	0.0222447	0.339188	-2.94822	0.336445	0.676349	-1.47853	0.665053	0.842089	-1.18752	0.00540569	0.235819	-4.24053
cg26613742	PRKACA;PRKACA	0.0431093	0.141693	0.664519	-1.50485	0.453535	0.82079	-1.21834	0.48883	0.833708	-1.19946	0.54772	1.1704	1.1704	0.0201649	0.484434	-2.06426
cg07161166	PRKACB;PRKACB	7.38E-05	?	?	?	1.83E-05	21.5877	21.5877	?	?	?	?	?	?	?	?	?
cg06444730	PRKACB;PRKACB	0.000516441	0.000103088	0.0335086	-29.8431	0.0119643	0.212303	-4.71026	0.0647134	0.358642	-2.78829	0.218639	1.89548	1.89548	6.52E-05	0.0266881	-37.4698
cg06628693	PRKACB;PRKACB	0.0134746	0.746984	0.932976	-1.07184	0.0644117	1.56094	1.56094	0.146983	1.39595	1.39595	0.738906	1.07432	1.07432	0.130547	1.419	1.419
cg23052793	PRKACB;PRKACB	0.0287002	0.50221	0.876219	-1.14127	0.037584	0.626207	-1.59692	0.00929941	0.527165	-1.89694	0.566929	0.893778	-1.11885	0.00847538	0.520961	-1.91953
cg14206898	PRKACG;PRKACG	0.041657	0.516349	0.7816	-1.27943	0.0431023	0.41833	-2.39046	0.0618683	0.455019	-2.19771	0.452843	0.750978	-1.3316	0.00902002	0.288477	-3.46648
cg13696135	PRKAG1;PRKAG1	0.00133113	0.000401911	0.0976233	-10.2435	0.062062	0.419617	-2.38313	0.0196915	0.312064	-3.20447	0.828275	0.914115	-1.09395	0.000440909	0.100841	-9.91664
cg11151811	PRKAG1;PRKAG1	0.00403954	0.0160961	0.832734	-1.20086	0.00184224	1.31636	1.31636	0.0216232	1.18698	1.18698	0.213029	0.921728	-1.08492	0.679066	1.02619	1.02619
cg21054179	PRKAG1;PRKAG1;PRKAG1;PRKAG1	0.0219863	0.0162936	2.0706	2.0706	0.0914163	1.58501	1.58501	0.040607	1.79648	1.79648	0.426542	1.22283	1.22283	0.358852	1.26336	1.26336
cg08930413	PRKAG2	0.00166565	0.0525245	0.72919	-1.37139	0.0134004	0.644843	-1.55077	0.0157785	0.654583	-1.52769	0.00862268	0.618882	-1.61582	0.00255754	0.549143	-1.82102
cg03323793	PRKAG2	0.00597785	0.0766378	0.684415	-1.4611	0.257754	0.796605	-1.25533	0.0266074	0.602914	-1.65861	0.0224045	0.590513	-1.69344	0.94859	0.987661	-1.01249
cg02596175	PRKAG2	0.00658444	0.0533894	0.527349	-1.89628	0.000501193	0.204513	-4.88967	0.775721	0.920079	-1.08686	?	?	?	?	?	?
cg00157109	PRKAG2	0.0154678	0.0170692	0.439187	-2.27693	0.338504	1.32205	1.32205	0.294002	0.734911	-1.36071	0.145501	1.55625	1.55625	0.00315701	0.319348	-3.13138
cg07132038	PRKAG2	0.0185595	0.0093028	0.265652	-3.76432	0.00782992	0.2538	-3.94012	0.0250518	0.342698	-2.91802	0.28604	0.640743	-1.56069	0.0142631	0.296922	-3.36789
cg00452039	PRKAG2	0.0249085	0.0842432	0.403208	-2.48011	0.197187	0.522946	-1.91224	0.319508	0.613133	-1.63097	0.997781	1.00132	1.00132	0.00776669	0.19681	-5.08105
cg07285148	PRKAG2	0.0275258	0.328516	1.08967	1.08967	0.0186989	1.27465	1.27465	0.53304	0.947658	-1.05523	0.085709	1.17554	1.17554	0.0989294	0.857232	-1.16655
cg10363569	PRKAG2	0.0346574	0.00144785	0.270074	-3.70269	0.0343219	0.495492	-2.01819	0.823312	0.938373	-1.06567	0.283765	0.728524	-1.37264	0.372296	1.29761	1.29761
cg16710170	PRKAG2	0.0424821	0.395829	0.684306	-1.46133	0.00595795	0.208329	-4.8001	0.15137	0.511365	-1.95555	0.923819	1.04261	1.04261	0.0094573	0.238188	-4.19837
cg12978800	PRKAG2;PRKAG2	5.39E-06	0.000223401	0.462294	-2.16313	0.0125499	0.6771	-1.47689	0.00931963	0.660842	-1.51322	0.000963986	0.539414	-1.85386	5.21E-06	0.272772	-3.66606
cg06333800	PRKAG2;PRKAG2	6.78E-06	0.000424611	0.566156	-1.7663	2.63E-05	2.33434	2.33434	0.000670386	0.588389	-1.69955	0.000292136	0.54785	-1.82532	1.39E-06	0.285038	-3.5083
cg11344729	PRKAG2;PRKAG2	8.11E-05	0.177211	0.730705	-1.36854	0.000796973	3.02833	3.02833	0.15171	0.714633	-1.39932	0.170161	0.726446	-1.37656	0.000145487	0.239171	-4.18111
cg09125924	PRKAG2;PRKAG2	0.000383872	0.040404	0.780838	-1.28068	0.00421337	1.4925	1.4925	0.00123038	0.610261	-1.63864	0.0194764	0.744447	-1.34328	4.41E-05	0.445234	-2.24601
cg07571734	PRKAG2;PRKAG2	0.000568789	0.0408969	0.400558	-2.49652	0.000508307	8.21121	8.21121	0.0594931	2.28108	2.28108	0.00131785	6.12245	6.12245	0.439783	1.35726	1.35726
cg26284782	PRKAG2;PRKAG2	0.000853078	0.00917784	0.72022	-1.38846	0.00681246	0.706256	-1.41592	1.80E-05	0.419349	-2.38465	0.196021	0.873158	-1.14527	0.00363362	0.676804	-1.47753
cg08151809	PRKAG2;PRKAG2	0.000916389	0.000453927	0.333127	-3.00186	0.00590875	2.04712	2.04712	0.00539142	2.07253	2.07253	0.0920502	0.69147	-1.44619	0.906187	1.02373	1.02373
cg18633230	PRKAG2;PRKAG2	0.00104126	0.0366242	0.599575	-1.66785	0.0793679	1.50714	1.50714	8.02E-05	0.223141	-4.48148	0.0052569	0.460585	-2.17115	0.00605326	0.469943	-2.12792
cg27577993	PRKAG2;PRKAG2	0.00176848	0.321567	0.729299	-1.37118	0.000577813	0.193701	-5.16261	0.0128403	0.385774	-2.59219	0.198026	1.521	1.521	0.000135121	0.130362	-7.67093
cg22896873	PRKAG2;PRKAG2	0.00219745	0.381598	0.9006	-1.11037	0.164026	0.840928	-1.18916	0.359156	1.11628	1.11628	0.433893	0.911048	-1.09764	3.97E-05	0.399868	-2.50082
cg06746365	PRKAG2;PRKAG2	0.00490657	0.00719381	0.410456	-2.43631	0.148087	0.671499	-1.48921	0.0141368	0.45967	-2.17547	0.113884	0.643085	-1.555	0.00244765	0.338919	-2.95056
cg16727916	PRKAG2;PRKAG2	0.00985335	0.396671	1.07563	1.07563	0.0172366	0.783694	-1.27601	0.203132	0.893285	-1.11946	0.883016	1.01245	1.01245	0.189418	1.12386	1.12386
cg18107623	PRKAG2;PRKAG2	0.0105651	0.60214	0.821437	-1.21738	0.53218	0.789289	-1.26696	0.192405	0.596927	-1.67525	0.015991	0.331885	-3.01309	0.000359455	0.117587	-8.50437
cg03190018	PRKAG2;PRKAG2	0.0117934	0.0663916	0.406728	-2.45864	0.00908646	0.234935	-4.2565	0.00769752	0.223961	-4.46506	0.0949892	0.448568	-2.22931	0.00113167	0.123299	-8.11036
cg08494793	PRKAG2;PRKAG2	0.0133379	0.00098358	0.376854	-2.65355	0.133687	1.38018	1.38018	0.0816687	0.68088	-1.46869	0.864495	1.03461	1.03461	0.0112338	0.531135	-1.88276
ch.7.3189261R	PRKAG2;PRKAG2	0.0172152	0.00272793	0.133828	-7.4723	0.00491665	0.163465	-6.11752	0.0395504	0.314372	-3.18095	0.0311105	0.292347	-3.4206	0.0154208	0.235778	-4.24128
cg17192599	PRKAG2;PRKAG2	0.0223335	0.188029	1.15972	1.15972	0.448657	0.921256	-1.08547	0.532722	1.06942	1.06942	0.32718	1.11343	1.11343	0.16122	1.17227	1.17227
cg09403494	PRKAG2;PRKAG2	0.0257596	0.995156	0.998249	-1.00175	0.063382	0.547331	-1.82705	0.0268749	2.13149	2.13149	0.16373	0.651129	-1.53579	0.00227948	0.291759	-3.42749
cg21008208	PRKAG2;PRKAG2	0.0312775	0.991444	0.994947	-1.00508	0.0254783	0.285289	-3.50521	0.0159299	0.247965	-4.03282	0.427796	1.46589	1.46589	0.00235704	0.134753	-7.42099
cg06436185	PRKAG2;PRKAG2	0.0371196	0.546785	0.811923	-1.23164	0.0592859	2.06988	2.06988	0.118447	0.560388	-1.78448	0.0277172	0.411027	-2.43293	0.134694	0.576362	-1.73502
cg05367028	PRKAG2;PRKAG2	0.0387791	0.148618	0.361889	-2.76328	0.00422453	12.3419	12.3419	0.229865	2.2854	2.2854	0.431236	0.590348	-1.69391	0.038229	0.206851	-4.8344
cg16391727	PRKAG2;PRKAG2	0.0399405	0.0660143	0.619597	-1.61395	0.134831	0.687858	-1.45379	0.252987	0.757965	-1.31932	0.566644	0.874211	-1.14389	0.00978723	0.468556	-2.13422
cg10902667	PRKAG2;PRKAG2	0.0421947	0.654869	0.827116	-1.20902	0.546541	1.29359	1.29359	0.516496	1.31983	1.31983	0.171522	1.84802	1.84802	0.00400082	0.195576	-5.11309
cg22719878	PRKAG2;PRKAG2	0.0438653	0.429051	0.641525	-1.55879	0.00244139	0.0983754	-10.1651	0.0214071	0.218696	-4.57255	0.392582	0.617796	-1.61866	0.0322627	0.251894	-3.96993
cg18439339	PRKAG2;PRKAG2	0.0457239	0.180424	0.641205	-1.55956	0.023424	0.429116	-2.33037	0.0546015	0.505983	-1.97635	0.0542698	0.505385	-1.97869	0.0366354	0.468273	-2.1355
cg01246802	PRKAG2;PRKAG2	0.049403	0.633105	0.897321	-1.11443	0.637354	0.898553	-1.1129	0.871516	0.964193	-1.03714	0.313504	1.2647	1.2647	0.876548	0.965585	-1.03564
cg27382860	PRKAG2;PRKAG2;PRKAG2	0.00047484	0.685937	0.938402	-1.06564	0.000533763	0.43042	-2.32331	6.12E-05	0.314493	-3.17972	0.00381767	0.543344	-1.84045	0.292771	0.843082	-1.18612
cg19367193	PRKAG2;PRKAG2;PRKAG2	0.00412377	0.710829	0.924941	-1.08115	0.00567766	0.467574	-2.1387	0.470317	0.85737	-1.16636	0.917622	0.978556	-1.02191	0.652872	1.09951	1.09951
cg07012178	PRKAG2;PRKAG2;PRKAG2	0.00882805	0.0218052	0.206514	-4.84228	0.052191	0.282114	-3.54467	0.012618	0.169137	-5.91235	0.0458058	0.269315	-3.71312	0.0134742	0.173284	-5.77087
cg19412964	PRKAG2;PRKAG2;PRKAG2	0.010053	0.538695	0.843245	-1.1859	0.00226012	0.310226	-3.22345	0.471314	0.818151	-1.22227	0.0999124	1.63858	1.63858	0.0235082	0.476606	-2.09817
cg20716058	PRKAG2;PRKAG2;PRKAG2	0.0154956	0.24868	1.48306	1.48306	0.00324689	3.71337	3.71337	0.314129	1.40528	1.40528	0.0810702	1.88168	1.88168	0.0403454	0.461142	-2.16853
cg04900366	PRKAG2;PRKAG2;PRKAG2	0.0157772	0.105728	0.744819	-1.34261	0.0580074	1.42938	1.42938	0.916059	0.982576	-1.01773	0.822526	0.963239	-1.03816	0.000577157	0.411507	-2.43009
cg19643252	PRKAG2;PRKAG2;PRKAG2	0.0262472	0.00448493	0.471791	-2.11958	0.43211	0.853038	-1.17228	0.0163921	0.559003	-1.7889	0.731904	0.934093	-1.07056	0.0535798	0.647521	-1.54435
cg12762399	PRKAG2;PRKAG2;PRKAG2	0.030713	0.923862	0.968239	-1.0328	0.305004	0.698617	-1.4314	0.0510773	0.472274	-2.11742	0.994685	0.997754	-1.00225	0.314355	0.703761	-1.42094
cg01108370	PRKAG2;PRKAG2;PRKAG2	0.0312395	0.241975	2.07197	2.07197	0.00478341	9.2783	9.2783	0.0261193	4.80703	4.80703	0.0285983	4.64749	4.64749	0.213032	0.458356	-2.18171
cg20972917	PRKAG2;PRKAG2;PRKAG2	0.0312537	0.241972	1.6344	1.6344	0.0221202	3.00619	3.00619	0.311516	1.52198	1.52198	0.0152431	3.30489	3.30489	0.0281766	0.353537	-2.82856
cg09449988	PRKAG2;PRKAG2;PRKAG2	0.0375737	0.125485	0.449655	-2.22393	0.0519396	0.344395	-2.90364	0.404707	1.50827	1.50827	0.91755	1.05118	1.05118	0.132395	0.457162	-2.18741
cg05546878	PRKAG3	0.000256488	0.401634	1.10447	1.10447	0.00118562	0.576747	-1.73386	0.936227	1.00931	1.00931	0.178606	1.17988	1.17988	2.44E-05	0.378047	-2.64517
cg23081213	PRKAG3	0.00335744	0.0225681	0.444141	-2.25154	0.0482291	0.511279	-1.95588	0.282929	0.717813	-1.39312	0.00359583	0.309889	-3.22696	0.0175485	0.42364	-2.36049
cg02251224	PRKAG3	0.00472826	0.159246	1.57539	1.57539	0.679838	1.13357	1.13357	0.0156315	0.408417	-2.44848	0.00776249	0.355968	-2.80924	0.00924538	0.368584	-2.71308
cg20398120	PRKAG3	0.00766491	0.00135395	0.453146	-2.20679	0.0240859	0.632783	-1.58032	0.0488991	0.682121	-1.46602	0.0283994	0.643991	-1.55282	0.0083107	0.563337	-1.77514
cg01357713	PRKAG3	0.0125203	0.158523	0.518347	-1.92921	0.112721	0.471097	-2.1227	0.209866	0.562074	-1.77912	0.030984	0.331503	-3.01656	0.0245478	0.311104	-3.21436
cg25815024	PRKAG3	0.0244491	0.0620679	0.299501	-3.33889	0.0256367	0.218384	-4.57908	0.209611	0.468179	-2.13593	0.131697	0.39303	-2.54434	0.0217819	0.205921	-4.85624
cg26558919	PRKAR1A;PRKAR1A;PRKAR1A	0.00133539	0.00436604	0.7417	-1.34825	0.00573264	1.32873	1.32873	0.0784857	1.16577	1.16577	0.692585	0.969298	-1.03167	0.59605	1.04288	1.04288
cg06417522	PRKAR1A;PRKAR1A;PRKAR1A	0.00304567	0.179706	1.35896	1.35896	0.341695	1.23476	1.23476	0.0112177	1.98161	1.98161	0.347852	1.23127	1.23127	0.255255	0.774407	-1.29131
cg14235676	PRKAR1A;PRKAR1A;PRKAR1A	0.0116148	0.19215	0.892278	-1.12073	0.270451	0.909618	-1.09936	0.0101239	0.765038	-1.30712	0.0635542	0.841796	-1.18794	0.0820939	0.852967	-1.17238
cg07425204	PRKAR1A;PRKAR1A;PRKAR1A	0.011616	0.660891	0.858594	-1.1647	0.00125593	5.08767	5.08767	0.0929462	1.89342	1.89342	0.746414	0.893992	-1.11858	0.17241	1.65132	1.65132
cg21256649	PRKAR1A;PRKAR1A;PRKAR1A	0.0393354	0.611632	0.886467	-1.12807	0.00157319	2.91112	2.91112	0.128533	1.47202	1.47202	0.93767	0.981762	-1.01858	0.316713	0.783793	-1.27585
cg02501334	PRKAR1A;PRKAR1A;PRKAR1A;PRKAR1A	0.000294412	0.115178	1.21043	1.21043	0.108341	1.21568	1.21568	0.000171326	2.0382	2.0382	0.600537	1.06068	1.06068	0.762023	0.966703	-1.03444
cg19812944	PRKAR1B;HEATR2;PRKAR1B;PRKAR1B PRKAR1B;HEATR2;PRKAR1B;PRKAR1B;P	0.0476502	0.733118	1.12095	1.12095	0.630072	1.17572	1.17572	0.0174732	2.62488	2.62488	0.0725811	1.95085	1.95085	0.248505	0.66871	-1.49542
cg23670563	RKAR1B	0.0172411	0.342944	0.83133	-1.20289	0.0739016	1.45737	1.45737	0.00108499	2.48894	2.48894	0.662124	1.08669	1.08669	0.769657	0.945997	-1.05709
cg06242242	PRKAR1B;PRKAR1B;PRKAR1B;HEATR2 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.0206453	0.135672	0.725982	-1.37745	0.908677	1.02311	1.02311	0.179663	0.752919	-1.32816	0.10787	1.41818	1.41818	0.722078	1.07371	1.07371
cg11797656	PRKAR1B PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.0456727	0.316851	0.851705	-1.17411	0.107986	0.761819	-1.31265	0.00140878	0.48814	-2.04859	0.751757	0.951965	-1.05046	0.0294622	0.671833	-1.48846
cg08482359	PRKAR1B;PRKAR1B PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	1.34E-06	0.000216683	0.678446	-1.47396	0.00711373	1.24431	1.24431	5.95E-05	0.626968	-1.59498	0.582704	0.965716	-1.0355	1.70E-08	0.25623	-3.90274
cg16581738	PRKAR1B;PRKAR1B PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	7.03E-06	1.25E-05	9.97093	9.97093	0.211928	1.38894	1.38894	0.473003	1.20005	1.20005	1.68E-05	9.10753	9.10753	0.817616	1.05941	1.05941
cg01082057	PRKAR1B;PRKAR1B	2.41E-05	1.45E-05	0.41079	-2.43433	0.198587	0.874542	-1.14346	?	?	?	0.0271936	0.772636	-1.29427	0.000396288	0.573181	-1.74465

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22801134	0.745408	0.85941	-1.16359	0.028002	0.299047	-3.34396	0.0271098	3.37561	3.37561	0.529267	0.743497	-1.345	5.55122	19.0129	3.04444	1
cg02147797	0.0431069	0.597385	-1.67396	0.726205	0.925121	-1.08094	0.112355	1.46621	1.46621	0.0222968	1.83367	1.83367	4.87415	3.78335	0.689962	1
cg17393041	0.456868	0.824714	-1.21254	0.0109055	0.443612	-2.25422	0.394027	0.800873	-1.24864	0.805842	0.939286	-1.06464	4.52752	4.6387	0.910718	1
cg25818214	0.340737	0.699374	-1.42985	0.902673	1.04556	1.04556	0.780705	1.10699	1.10699	0.103975	1.91066	1.91066	3.55723	7.47291	1.86735	1
cg23047271	0.297496	0.796125	-1.25608	0.496671	0.864425	-1.15684	0.0722138	1.5274	1.5274	0.00790656	2.05267	2.05267	7.04657	4.97343	0.627374	1
cg27538352	0.368037	1.36761	1.36761	0.0581275	2.06492	2.06492	0.757058	1.11078	1.11078	0.213906	1.55752	1.55752	16.4074	29.7905	1.61393	1
cg16594878	0.0140787	0.319986	-3.12513	0.0694236	0.46599	-2.14597	0.867693	1.06469	1.06469	0.704403	0.866493	-1.15408	16.2442	36.3651	1.98991	1
cg23194346	0.0174752	0.490056	-2.04058	0.140867	1.47773	1.47773	0.134204	1.48914	1.48914	0.121199	0.660807	-1.5133	13.1306	12.6412	0.855759	1
cg17547226	0.583937	0.86207	-1.16	0.439158	1.23584	1.23584	0.827651	1.06026	1.06026	0.423345	0.802957	-1.2454	7.9603	9.07975	1.01389	1
cg26104731	0.07862	3.88078	3.88078	0.000342707	54.7156	54.7156	0.906119	0.921362	-1.08535	0.020513	6.94319	6.94319	5.2464	40.0429	6.7844	1
cg03553451	0.00424848	0.444041	-2.25204	0.00677183	2.10567	2.10567	0.0897133	1.48719	1.48719	0.230243	1.30611	1.30611	4.68688	3.34135	0.633704	1
cg10417559	0.116574	2.09646	2.09646	0.00624894	4.69751	4.69751	0.247111	1.69109	1.69109	0.130479	2.03195	2.03195	3.96652	11.8394	2.65318	1
cg16925682	0.0670655	0.310685	-3.21869	0.351046	1.72742	1.72742	0.315004	1.80711	1.80711	0.153366	0.418657	-2.38859	3.90029	20.0362	4.56631	1
cg01339183	0.121454	1.37723	1.37723	2.14E-07	0.0503356	-19.8666	0.234121	1.26842	1.26842	0.00930278	0.533134	-1.8757	37.7179	21.7086	0.511602	1
cg24126144	0.320695	0.9275	-1.07817	0.0237771	1.21888	1.21888	7.49E-05	1.69455	1.69455	0.00278367	1.35317	1.35317	10.1919	0.868535	0.0757492	1
cg23183521	0.00247754	0.682671	-1.46483	0.0483568	0.814888	-1.22716	0.00317774	1.44143	1.44143	0.0273299	1.26737	1.26737	10.6622	1.39056	0.115929	1
cg18186349	0.088306	0.79499	-1.25788	0.00313041	0.610888	-1.63696	0.582453	1.07009	1.07009	0.0530592	1.30757	1.30757	5.21024	1.22812	0.209522	1
cg22295879	0.492122	1.32818	1.32818	0.584415	0.798769	-1.25193	0.0850024	2.17003	2.17003	0.0243621	2.97862	2.97862	3.73805	9.79673	2.32961	1
cg22154385	0.000294698	0.304749	-3.28138	0.0175699	0.55863	-1.79009	0.779857	1.05809	1.05809	8.31E-05	0.239828	-4.16966	14.189	9.12574	0.571692	1
cg10536327	0.000281823	0.136324	-7.33546	0.00282053	0.251319	-3.97901	0.143242	0.589728	-1.6957	0.000595151	0.168724	-5.92684	11.5014	20.5285	1.58656	1
cg13080137	0.0421692	0.666342	-1.50073	0.656728	1.08066	1.08066	0.0133333	1.70177	1.70177	0.190589	1.27171	1.27171	11.4637	5.46041	0.423399	1
cg24990490	0.00450011	0.304543	-3.28361	0.801912	1.08212	1.08212	0.965278	0.986426	-1.01376	0.000585092	0.188498	-5.30509	9.99132	15.5989	1.38778	1
cg26413528	0.00428484	0.337371	-2.96409	0.0333669	0.493049	-2.0282	0.641279	0.875074	-1.14276	0.0159839	0.432196	-2.31377	5.70114	7.30323	1.13868	1
cg16001460	0.000666037	0.348818	-2.86682	0.360292	0.826832	-1.20944	0.619905	1.10638	1.10638	0.874412	1.0325	1.0325	5.158	3.33942	0.575489	1
cg15704055	0.985586	1.00241	1.00241	0.198151	0.834069	-1.19894	0.714394	1.05026	1.05026	0.432969	1.11266	1.11266	5.06234	1.42691	0.250548	1
cg18747265	0.0956969	0.412962	-2.42153	0.0478683	0.335146	-2.98378	0.835194	0.904227	-1.10592	0.0179465	0.249116	-4.01419	4.86193	17.9831	3.28778	1
cg12290875	0.00131371	0.458624	-2.18044	0.158395	0.777744	-1.28577	0.125816	0.758707	-1.31803	0.0107504	0.586089	-1.70623	4.79174	2.10898	0.391225	1
cg24650350	0.633695	0.894361	-1.11812	0.0259394	0.540736	-1.84933	0.0933139	1.53616	1.53616	0.0706011	0.62507	-1.59982	3.75028	3.21232	0.761382	1
cg01976623	0.0847864	1.85226	1.85226	0.000751689	0.191465	-5.22288	0.637223	1.16604	1.16604	0.329405	0.722164	-1.38473	12.6376	20.9313	1.47225	1
cg06918804	0.0887421	0.753096	-1.32785	0.566119	1.09155	1.09155	0.00276169	1.86561	1.86561	0.0049782	1.75325	1.75325	5.35707	1.93532	0.321124	1
cg23889730	0.0597745	3.33586	3.33586	0.00119848	14.7593	14.7593	0.0394077	3.86319	3.86319	0.0495918	3.56271	3.56271	4.03637	20.5633	4.52846	1
cg00301775	0.109979	1.57203	1.57203	0.00105256	3.5198	3.5198	0.00603481	2.53808	2.53808	0.744493	1.08862	1.08862	13.9742	14.9219	0.949176	1
cg26294217	0.0149412	2.51449	2.51449	0.0270503	0.456501	-2.19058	0.0146291	0.395667	-2.52738	0.017472	0.412864	-2.42211	14.3094	9.84181	0.573157	1
cg24728477	0.139527	0.753127	-1.3278	0.0371827	0.649637	-1.53932	0.0473629	1.4986	1.4986	0.575071	1.10627	1.10627	4.019	2.02378	0.447604	1
cg26052885	0.110181	0.678022	-1.47488	0.00122402	0.347944	-2.87403	0.414234	0.830039	-1.20476	0.000184157	0.244028	-4.09789	11.8966	9.38579	0.701288	1
cg26068551	0.0230585	0.526494	-1.89936	0.000920398	0.310759	-3.21793	0.0968864	1.5375	1.5375	0.711579	0.916068	-1.09162	5.53168	4.88176	0.784453	1
cg09763175	0.000317718	0.0422259	-23.6822	0.277718	1.84535	1.84535	0.236876	0.510366	-1.95938	0.0976021	0.372864	-2.68194	5.52315	25.7686	4.14716	1
cg06836772	0.341501	0.665084	-1.50357	0.0149306	0.287804	-3.47459	0.056391	0.407003	-2.45699	0.250974	0.607073	-1.64725	5.00866	13.7347	2.43751	1
cg09686317	0.762181	0.79427	-1.25902	?	?	?	?	?	?	0.0679642	4.84741	4.84741	5.66499	33.6923	6.9387	1
cg24937356	0.271891	0.750824	-1.33187	0.00239642	0.346417	-2.8867	0.430978	0.817577	-1.22313	0.129491	0.663352	-1.5075	3.69995	3.67926	0.883917	1
cg12167830	0.968041	0.983032	-1.01726	0.581363	0.788291	-1.26857	0.275904	1.62279	1.62279	0.112298	0.477822	-2.09283	3.65193	10.5532	2.56868	1
cg04826215	0.629463	1.1471	1.1471	?	?	?	1.12E-05	0.0498223	-20.0713	0.378577	0.774366	-1.29138	19.3223	18.5233	0.958647	1
cg09998801	0.0164732	0.596184	-1.67733	0.0480624	0.671119	-1.49005	0.0180204	1.66052	1.66052	0.0478844	1.49066	1.49066	6.43961	3.17702	0.438538	1
cg04643397	0.0745985	0.468408	-2.13489	0.00367021	0.223148	-4.48133	0.75419	1.12743	1.12743	0.012189	0.30339	-3.29608	4.89512	11.3041	2.05267	1
cg10168009	0.0124166	0.403927	-2.47569	0.00474894	0.335395	-2.98156	0.181269	1.51206	1.51206	0.0979966	0.589313	-1.69689	3.62851	4.87748	1.19485	1
cg05432118	0.0530285	0.62929	-1.58909	0.881925	0.969776	-1.03117	?	?	?	0.1047	1.44954	1.44954	13.557	6.96952	0.514091	1
cg14970434	0.775346	0.950855	-1.05168	6.07E-07	0.0894076	-11.1847	0.755708	0.946518	-1.0565	0.00260031	0.479621	-2.08498	32.7999	16.1129	0.436665	1
cg12583537	0.0995523	1.36306	1.36306	0.0379667	0.661774	-1.51109	0.492155	1.12716	1.12716	0.641279	1.08384	1.08384	5.01203	2.33687	0.414446	1
cg04870460	0.591365	1.58187	1.58187	0.016504	0.0838464	-11.9266	0.952641	0.950983	-1.05154	0.0315096	0.118328	-8.45105	3.86625	43.8479	10.081	1
cg19302295	0.0951234	1.52412	1.52412	0.636102	1.11575	1.11575	0.0708424	1.59015	1.59015	0.922499	0.977887	-1.02261	7.82424	6.54383	0.743425	1
cg08499107	0.40888	1.18908	1.18908	0.000368748	0.310653	-3.21902	0.711591	0.926687	-1.07911	0.256653	0.78447	-1.27475	6.3211	4.20838	0.591793	1
cg12116020	0.000432766	0.357044	-2.80078	0.739347	1.06374	1.06374	0.991762	1.00191	1.00191	0.329649	1.20461	1.20461	5.97549	3.2405	0.482043	1
cg03856723	0.0195661	1.40473	1.40473	0.7589	0.963595	-1.03778	0.0136624	1.444	1.444	0.00975419	1.48248	1.48248	5.79665	1.33217	0.204282	1
cg08072992	0.014414	0.500009	-1.99996	0.0247864	0.54108	-1.84816	0.352526	1.24593	1.24593	0.256391	1.31296	1.31296	3.47947	2.91106	0.743681	1
cg26487562	0.951474	0.986852	-1.01332	0.00190957	0.384393	-2.60151	0.00154324	2.69258	2.69258	0.0568303	0.625768	-1.59804	13.6884	10.2534	0.665825	1
cg19586199	0.000686911	1.79776	1.79776	0.00213144	1.62953	1.62953	0.0883544	1.23706	1.23706	0.0113185	1.43166	1.43166	11.6461	2.36108	0.180209	1
cg09906922	0.674252	0.937331	-1.06686	0.0674938	0.730793	-1.36838	0.0126896	0.622367	-1.60677	0.946366	0.989753	-1.01035	6.22401	2.31035	0.329955	1
cg22857947	0.0189284	0.157621	-6.34435	0.00158569	0.0524723	-19.0577	0.276956	2.08556	2.08556	0.035185	0.202941	-4.92754	5.73331	38.3699	5.94885	1
cg19621460	0.612332	0.836187	-1.19591	0.0307426	0.411326	-2.43116	0.765023	1.11064	1.11064	0.0112745	0.329156	-3.03807	4.89804	9.5078	1.72546	1
cg01596520	0.0378938	0.386812	-2.58523	0.00659511	0.248634	-4.02198	0.985091	0.992655	-1.0074	0.0758844	0.458654	-2.18029	4.43626	10.938	2.19164	1
cg26613742	0.0997073	0.6271	-1.59464	0.00271308	0.342596	-2.91889	0.376136	1.26481	1.26481	0.21951	0.716085	-1.39648	3.58247	3.79571	0.941799	1
cg07161166	?	?	?	0.0138309	2.05553	2.05553	?	?	?	0.000334002	5.40186	5.40186	97.6857	19.7027	0.336159	1
cg06444730	0.937156	1.03974	1.03974	0.0546962	2.93615	2.93615	0.619208	0.780663	-1.28096	0.695733	1.2144	1.2144	14.1628	54.7915	3.43884	1
cg06628693	0.0073383	2.09744	2.09744	0.00237739	0.403341	-2.47929	0.209707	0.753265	-1.32755	0.814148	0.950782	-1.05177	5.36683	3.90428	0.646652	1
cg23052793	0.0502579	0.648528	-1.54195	0.0830082	0.689064	-1.45124	0.842052	1.03947	1.03947	0.00824588	0.519133	-1.92629	4.15145	2.47533	0.530007	1
cg14206898	0.858887	1.06891	1.06891	0.00351338	0.227095	-4.40344	0.14969	0.560794	-1.78319	0.355839	0.700716	-1.42711	3.62834	8.0582	1.97414	1
cg13696135	0.00909501	0.254099	-3.93548	0.000589496	0.111423	-8.97481	0.0190785	0.309494	-3.23108	0.00282261	0.182623	-5.47575	10.8453	29.3508	2.40561	1
cg11151811	0.689772	0.975372	-1.02525	0.623264	1.03125	1.03125	0.00337214	1.28122	1.28122	0.00703135	1.2418	1.2418	7.82924	0.478944	0.0543767	1
cg21054179	0.354524	1.26619	1.26619	0.00357848	0.37618	-2.6583	0.511096	0.847764	-1.17957	0.938031	0.980918	-1.01945	4.55491	4.42908	0.864333	1
cg08930413	0.0300069	1.44152	1.44152	0.0340755	1.42524	1.42524	0.00349258	1.76424	1.76424	0.600382	0.927071	-1.07867	10.1676	3.3051	0.288943	1
cg03323793	0.0661887	1.48705	1.48705	0.00163999	2.38265	2.38265	0.0854986	1.44197	1.44197	0.0444412	0.641179	-1.55963	6.94709	4.07919	0.521937	1
cg02596175	0.502929	1.21927	1.21927	0.229213	0.692156	-1.44476	0.265099	0.712709	-1.4031	0.026216	2.15762	2.15762	7.06083	7.39626	1.19715	1
cg00157109	0.0229339	0.46302	-2.15974	0.0347044	0.49824	-2.00706	0.462833	1.2355	1.2355	0.0965772	0.596767	-1.6757	5.12829	6.50363	1.12728	1
cg07132038	0.0439801	0.394575	-2.53437	0.0157307	0.304489	-3.28419	0.00844547	0.258952	-3.86172	0.121463	0.509393	-1.96312	4.82513	12.3345	2.27227	1
cg00452039	0.685898	0.824205	-1.21329	0.0140913	0.236708	-4.22461	0.00179693	0.121013	-8.26355	0.199112	0.524564	-1.90635	4.36279	15.6238	3.18324	1
cg07285148	0.137802	1.14577	1.14577	0.00638515	1.35284	1.35284	0.150458	0.87701	-1.14024	0.561376	0.951225	-1.05128	4.21303	0.483784	0.102071	1
cg10363569	0.598599	0.859772	-1.1631	0.306417	0.73995	-1.35144	0.266519	1.38996	1.38996	0.552909	1.18618	1.18618	3.88091	4.97227	1.13885	1
cg16710170	0.897352	0.945249	-1.05792	0.0129727	0.260501	-3.83876	0.964109	1.01982	1.01982	0.456334	0.718233	-1.39231	3.60204	10.8573	2.67931	1
cg12978800	4.40E-06	0.264858	-3.77561	1.16E-06	0.205272	-4.87159	9.22E-05	0.416117	-2.40317	3.88E-06	0.258994	-3.86109	47.6098	11.8938	0.222061	1
cg06333800	0.0571519	1.24524	1.24524	0.00327921	0.664718	-1.5044	0.297587	1.11634	1.11634	7.86E-05	0.482953	-2.07059	44.8587	7.37975	0.146232	1
cg11344729	0.289035	0.78603	-1.27222	3.98E-06	0.0958415	-10.4339	0.892583	0.970877	-1.03	0.00655589	0.461847	-2.16522	23.4136	17.7456	0.673706	1
cg09125924	0.900218	0.986977	-1.01319	0.00534557	0.681532	-1.46728	0.04231	0.783178	-1.27685	0.00150462	0.620067	-1.61273	15.3736	2.65877	0.153728	1
cg07571734	0.0443013	2.4489	2.4489	0.000693932	0.134436	-7.43848	0.00201102	5.41769	5.41769	0.190456	1.71176	1.71176	13.7876	32.821	2.11597	1
cg26284782	0.0405255	0.790832	-1.26449	0.0243044	0.766193	-1.30515	0.497389	0.933936	-1.07074	0.0044199	0.68599	-1.45775	12.3073	1.91828	0.138547	1
cg08151809	0.52477	0.87966	-1.1368	0.000538484	0.342699	-2.91801	0.0376061	0.618881	-1.61582	0.277142	0.798633	-1.25214	12.061	7.55991	0.557159	1
cg18633230	0.231231	0.767575	-1.3028	0.0021133	0.402366	-2.4853	0.171487	1.35888	1.35888	0.0880471	0.672657	-1.48664	11.6323	8.17416	0.624634	1
cg27577993	0.840449	1.06411	1.06411	0.00828343	0.353241	-2.83093	0.205455	0.66248	-1.50948	0.314199	0.725539	-1.37829	9.99284	15.0382	1.33768	1
cg22896873	0.766088	1.03542	1.03542	0.0272888	1.35626	1.35626	0.212316	0.857903	-1.16563	0.193664	0.851755	-1.17405	9.38047	2.02213	0.191616	1
cg06746365	0.00919697	0.427926	-2.33685	0.000918138	0.280463	-3.56553	0.192252	1.42513	1.42513	0.168194	0.685958	-1.45782	7.38095	7.70128	0.927466	1
cg16727916	0.00100784	1.50672	1.50672	0.255137	1.10495	1.10495	0.0455329	0.824789	-1.21243	0.204689	0.89367	-1.11898	5.9386	0.663657	0.0993361	1
cg18107623	0.312906	1.4775	1.4775	0.0240045	0.365363	-2.73701	0.488213	0.768475	-1.30128	0.0449039	0.422822	-2.36506	5.80739	12.8631	1.96884	1
cg03190018	0.0336793	0.338266	-2.95625	0.0103345	0.243739	-4.10275	0.134946	0.49452	-2.02216	0.056969	0.390158	-2.56307	5.60497	16.9486	2.68786	1
cg08494793	0.0273688	0.594557	-1.68193	0.401632	0.842825	-1.18649	0.37361	0.833656	-1.19954	0.0744527	0.673083	-1.4857	5.38477	3.38401	0.558613	1
ch.7.3189261R	0.0918416	0.405707	-2.46483	0.022442	0.264672	-3.77826	0.100702	0.417311	-2.3963	0.07732	0.384986	-2.5975	4.94861	18.5174	3.32617	1
cg17192599	0.103002	0.827401	-1.2086	0.00127578	1.64721	1.64721	0.319605	1.11544	1.11544	0.0792227	0.813031	-1.22997	4.53048	0.809608	0.158847	1
cg09403494	0.108249	0.602994	-1.65839	0.707839	1.11481	1.11481	0.96387	0.987008	-1.01316	0.268081	0.716747	-1.39519	4.31204	5.69169	1.17329	1
cg21008208	0.844406	1.09727	1.09727	0.143951	0.476333	-2.09937	0.932919	1.04057	1.04057	0.542291	0.747221	-1.33829	4.02661	14.2323	3.14184	1
cg06436185	0.164227	0.60224	-1.66047	0.530423	1.24251	1.24251	0.332731	1.40691	1.40691	0.00855682	0.31788	-3.14584	3.78541	6.99853	1.6434	1
cg05367028	0.383938	1.79627	1.79627	0.399226	1.76158	1.76158	0.27464	0.47439	-2.10797	0.510705	0.645516	-1.54915	3.72534	25.396	6.05965	1
cg16391727	0.142658	0.693689	-1.44157	0.00188793	0.359749	-2.77972	0.267406	0.764783	-1.30756	0.725729	0.921503	-1.08518	3.68516	3.14421	0.758409	1
cg10902667	0.127013	0.498445	-2.00624	0.0695146	0.424654	-2.35486	0.356887	1.49145	1.49145	0.172695	1.84453	1.84453	3.61112	10.1787	2.50551	1
cg22719878	0.181738	0.458653	-2.1803	0.0356228	0.260588	-3.83748	0.254825	0.520092	-1.92274	0.446335	0.652577	-1.53239	3.55934	17.0442	4.25652	1
cg18439339	0.0342462	0.462172	-2.1637	0.00593202	0.324856	-3.07829	0.0824597	0.548262	-1.82395	0.508704	0.811017	-1.23302	3.5045	5.41835	1.37432	1
cg01246802	0.00843756	0.468716	-2.13349	0.00670593	2.2081	2.2081	0.622186	1.11839	1.11839	0.541073	0.869892	-1.14957	3.40363	2.73573	0.714463	1
cg27382860	0.0387378	0.68775	-1.45402	0.00189932	1.99005	1.99005	0.439734	0.884056	-1.13115	0.901405	1.01957	1.01957	14.4965	5.61529	0.344315	1
cg19367193	0.000661363	2.98209	2.98209	0.00517613	2.16701	2.16701	0.768664	1.06375	1.06375	0.0570526	0.636911	-1.57008	7.78064	5.40966	0.61802	1
cg07012178	0.704063	0.803585	-1.24442	0.000598811	0.0480993	-20.7903	0.941841	0.959053	-1.04269	0.0134689	0.173259	-5.7717	6.14988	31.98	4.62231	1
cg19412964	0.0285081	0.492647	-2.02985	0.00387868	0.344593	-2.90197	0.0239478	0.478128	-2.09149	0.887253	0.961887	-1.03962	5.90064	7.01144	1.05622	1
cg20716058	0.230505	1.50853	1.50853	0.0540092	0.489266	-2.04388	0.218139	0.654824	-1.52713	0.0532406	2.04983	2.04983	5.12523	8.67101	1.50385	1
cg04900366	0.787717	1.04602	1.04602	0.0861742	0.728996	-1.37175	0.243849	0.816044	-1.22542	0.122056	0.756239	-1.32233	5.09468	2.24273	0.391297	1
cg19643252	0.223674	1.28847	1.28847	0.0252892	0.590198	-1.69435	0.58675	1.11495	1.11495	0.0611793	0.658188	-1.51932	4.28388	2.66679	0.553348	1
cg12762399	0.463843	0.77744	-1.28627	0.00192704	4.40239	4.40239	0.538667	1.23391	1.23391	0.0845432	1.90447	1.90447	4.05284	7.31783	1.60498	1
cg01108370	0.182312	2.321	2.321	0.351971	0.565646	-1.76789	0.413707	1.6439	1.6439	0.0583712	3.56923	3.56923	4.02836	22.576	4.98158	1
cg20972917	0.738849	0.874402	-1.14364	0.16377	0.550945	-1.81506	0.718831	1.15607	1.15607	0.0595534	2.34674	2.34674	4.0277	10.2652	2.26546	1
cg09449988	0.00612109	0.178273	-5.60936	0.00957126	0.20568	-4.86193	0.0491293	0.338709	-2.95239	0.460798	0.696326	-1.43611	3.76864	13.8681	3.271	1
cg05546878	0.00572799	0.657514	-1.52088	0.00103934	0.57	-1.75439	0.000618316	0.543369	-1.84037	0.00395711	0.638509	-1.56615	17.1696	3.64352	0.188628	1
cg23081213	0.015148	0.412003	-2.42717	0.139094	0.623065	-1.60497	9.19E-05	0.125494	-7.96851	0.0663457	0.542295	-1.84401	8.27605	11.5749	1.2432	1
cg02251224	0.0677906	0.538963	-1.85542	0.00106698	0.231995	-4.31044	0.232029	1.46038	1.46038	0.0161121	0.410807	-2.43423	7.46465	10.7916	1.28506	1
cg20398120	0.00272636	0.494648	-2.02164	0.046393	0.678341	-1.47418	0.00704087	0.552891	-1.80867	0.0474466	0.679952	-1.47069	6.43002	2.94675	0.407361	1
cg01357713	0.025048	0.312825	-3.19668	0.00228705	0.155805	-6.41827	0.00139282	0.132756	-7.53264	0.0378789	0.350089	-2.85642	5.49713	16.5467	2.67561	1
cg25815024	0.0644701	0.303589	-3.29392	0.00262809	0.0916331	-10.9131	0.00870988	0.146838	-6.81023	0.0631054	0.301279	-3.31919	4.39109	22.9063	4.63692	1
cg26558919	0.00238983	0.717364	-1.39399	0.185691	1.11642	1.11642	0.654993	1.03593	1.03593	0.000389746	1.55855	1.55855	10.8354	1.05687	0.0867011	1
cg06417522	0.945903	0.9855	-1.01471	9.95E-05	0.22615	-4.42185	0.171222	0.730827	-1.36831	0.850757	1.04138	1.04138	8.51983	6.25159	0.652239	1
cg14235676	0.00167102	0.689969	-1.44934	0.140576	1.13982	1.13982	0.0738042	1.17884	1.17884	0.11609	0.868495	-1.15142	5.63273	0.608042	0.0959538	1
cg07425204	0.536272	1.24147	1.24147	0.00416437	0.265456	-3.7671	0.415918	1.33265	1.33265	0.713259	0.880318	-1.13595	5.63255	10.6405	1.6792	1
cg21256649	0.547326	1.1541	1.1541	0.103179	0.657352	-1.52125	0.361888	1.24679	1.24679	0.819935	0.947754	-1.05513	3.70591	3.2511	0.779798	1
cg02501334	0.324014	1.12027	1.12027	2.61E-05	0.395279	-2.52986	0.542484	1.07116	1.07116	0.0195464	0.730059	-1.36975	16.535	3.25558	0.175014	1
cg19812944	0.513945	0.801875	-1.24708	0.041349	0.456149	-2.19227	0.0642903	0.499837	-2.00065	0.203469	1.56483	1.56483	3.45049	6.08115	1.56658	1
cg23670563	0.246387	1.25758	1.25758	0.383002	0.844389	-1.18429	0.0226383	0.596896	-1.67533	0.504329	1.13667	1.13667	4.94612	2.80027	0.503249	1
cg06242242	0.303375	1.23651	1.23651	0.000700307	0.357273	-2.79898	0.684484	1.08476	1.08476	0.535503	1.1331	1.1331	4.65399	2.92295	0.558268	1
cg11797656	0.956094	1.00858	1.00858	0.12936	0.77554	-1.28942	0.49179	0.897348	-1.11439	0.150182	0.787204	-1.27032	3.50597	1.33613	0.338755	1
cg08482359	0.000539135	0.71294	-1.40264	0.240949	0.925728	-1.08023	0.677661	1.02663	1.02663	0.0270457	0.848265	-1.17888	68.1022	4.26294	0.0556411	1
cg16581738	0.00034759	4.20965	4.20965	0.00213073	0.340148	-2.9399	1.19E-05	10.1207	10.1207	2.05E-06	18.5875	18.5875	44.4427	43.9404	0.878843	1
cg01082057	6.73E-06	0.372858	-2.68198	0.0344464	0.783968	-1.27556	0.0101932	0.726391	-1.37667	6.34E-06	0.369911	-2.70336	33.1006	4.537	0.137067	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04179654	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00248353	0.00849344	0.734341	-1.36177	2.97E-05	2.12072	2.12072	0.0110241	1.34057	1.34057	0.0480884	0.812476	-1.23081	0.00337356	0.693164	-1.44266	0.128196	0.859712	-1.16318	0.0276107	0.787087	-1.27051	0.0497516	0.814054	-1.22842	0.0078433	0.730797	-1.36837	17.3211	2.3178	0.118945	1
cg26403241	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00334113	0.00019608	0.544182	-1.83762	0.0039254	0.68582	-1.45811	0.000533197	0.592226	-1.68854	0.45348	0.928484	-1.07702	0.605516	0.950634	-1.05193	0.109074	1.18506	1.18506	0.00026396	1.79038	1.79038	0.850319	1.01853	1.01853	0.0453203	0.800027	-1.24996	15.9717	2.38841	0.132925	1
cg25001831	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00344022	0.625014	1.08515	1.08515	0.243479	1.2244	1.2244	0.0282508	0.650701	-1.5368	0.261329	1.21449	1.21449	0.450862	0.880345	-1.13592	6.79E-06	0.190813	-5.24073	0.183247	1.26396	0.26396	0.0265967	0.646639	-1.54646	0.0713547	0.715993	-1.39666	14.80853	6.4527	0.387412	1
cg03982150	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00189532	0.798558	1.04233	1.04233	0.000858405	0.444148	-2.2515	0.000258738	0.377336	-2.65016	0.0120672	0.602025	-1.66106	0.600852	0.917979	-1.08935	0.974682	0.994868	-1.00516	0.00919863	1.70935	1.70935	0.46573	0.88661	-1.12789	0.439126	0.879916	-1.13647	9.79994	4.07696	0.370021	1
cg02587673	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00215339	0.0774677	0.759713	-1.31629	0.260227	0.848369	-1.17873	0.00160879	0.530787	-1.88399	0.524214	0.91359	-1.09458	4.91E-05	0.343636	-2.91006	0.713496	1.05299	1.05299	0.500268	1.10055	1.10055	0.100199	0.777091	-1.28685	0.273424	0.852488	-1.17304	9.43619	2.93025	0.276029	1
cg16190265	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00268003	0.846365	0.952874	-1.04946	0.483124	0.837477	-1.19406	0.106946	0.645361	-1.54952	0.217082	0.723844	-1.38151	0.00197235	0.336855	-2.96864	0.128131	0.664109	-1.50578	0.000144164	0.196027	-5.10134	0.01795596	2.04534	2.04534	0.416129	0.813168	-1.22976	8.84878	6.67857	0.871791	1
cg18291664	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00275188	0.450445	0.877352	-1.13979	0.0012503	0.448388	-2.23021	0.713069	0.939086	-1.06486	0.242593	1.23132	1.23132	0.000261303	0.360078	-2.77717	0.287256	1.20685	1.20685	0.0605771	1.43337	1.43337	0.290727	0.829804	-1.2051	0.0338931	0.656107	-1.52414	8.77988	4.02611	0.40761	1
cg03729670	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00332289	0.24655	0.78972	-1.26627	0.321604	1.22079	1.22079	0.912427	0.978795	-1.02166	0.598893	0.90176	-1.10894	0.000166708	0.286746	-3.48741	0.0545139	1.52956	1.52956	0.700558	1.07819	1.07819	0.749232	1.06447	1.06447	0.00221541	0.433731	-2.30557	8.30165	4.99039	0.53434	1
cg03146005	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00336491	0.434026	1.11874	1.11874	0.00231766	1.8186	1.8186	0.212646	0.831516	-1.20262	0.307832	1.15994	1.15994	0.000861427	0.494969	-2.02033	0.0215816	0.678516	-1.47381	0.0180225	1.4976	1.4976	0.988011	0.99789	-1.00211	0.491781	0.906517	-1.10312	8.27056	2.58789	0.278137	1
cg23052527	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00491878	0.93776	1.0107	1.0107	0.000372776	0.460465	-2.17172	0.257759	0.85139	-1.17455	0.138294	1.24283	1.24283	0.649581	0.935588	-1.0643	0.029384	0.705018	-1.4184	0.0124317	1.52775	1.52775	0.0801966	1.30267	1.30267	0.589093	0.928401	-1.07712	7.37536	2.16783	0.26127	1
cg03216966	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00497718	0.312503	0.755024	-1.32446	0.551851	0.850523	-1.17575	0.104262	1.61234	1.61234	0.524809	0.840852	-1.18927	0.279607	1.35301	1.35301	0.000295603	0.204888	-4.88072	0.0474337	1.84037	1.84037	0.425728	1.24455	1.24455	0.00595704	0.413815	-2.41654	7.34885	8.42021	1.01848	1
cg18877741	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00513904	0.433601	0.641392	-1.55911	0.0528423	0.294291	-3.398	0.00628798	0.138298	-7.23074	0.25091	0.513361	-1.94795	0.0625473	0.311938	-3.20576	0.471069	0.665308	-1.50306	0.000103129	0.0219541	-45.5497	0.682405	1.25693	1.25693	0.103266	0.3714	-2.69251	7.27736	35.6056	4.34903	1
cg05060486	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00515466	0.30983	1.34152	1.34152	0.542639	0.841734	-1.18802	0.0744294	1.7431	1.7431	0.598045	1.16037	1.16037	0.00152798	0.279323	-3.58009	0.0448326	1.90368	1.90368	0.00230633	3.28882	3.28882	0.0731476	1.7484	1.7484	0.0316527	0.22648	0.02248	7.2706	8.99991	1.10031	1
cg08733250	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00533781	0.00700777	0.372451	-2.68492	0.0339382	0.495942	-2.01637	0.0721479	0.566379	-1.7656	0.447386	0.803046	-1.24526	0.000804343	0.238688	-4.18956	0.0252555	0.470673	-2.12462	0.000804541	0.238702	-4.18933	0.782166	0.924493	-1.08167	0.0314602	0.489348	-2.04354	7.1933	9.14045	1.1295	1
cg03775437	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00616945	0.0212759	0.708844	-1.41075	0.0231358	1.40152	1.40152	0.000780464	1.88078	1.88078	0.0425511	1.33681	1.33681	0.347215	1.12786	1.12786	0.224782	1.17175	1.17175	0.028552	1.37874	1.37874	0.255141	0.862703	-1.15915	0.340661	0.885093	-1.12983	6.87971	1.68365	0.217535	1
cg12917079	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00744882	0.899715	1.02691	1.02691	0.0981385	0.682422	-1.46537	0.272022	0.785985	-1.27229	0.6569283	1.09871	1.09871	0.00181737	0.263425	-3.79614	0.141598	0.716845	-1.395	0.00922833	0.498554	-2.0058	0.820709	1.04897	1.04897	0.640089	1.1042	1.10427	6.48791	4.55827	0.624515	1
cg27235726	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00830706	0.840512	0.979537	-1.02089	0.0525894	0.797614	-1.25374	0.76168	0.96927	-1.0317	0.6078	1.05455	1.05455	0.0558981	1.24887	1.24887	0.147816	0.852712	-1.17273	0.007672	1.42136	1.42136	0.781073	1.029	1.029	0.000989932	0.605196	-1.65236	6.2693	1.0455	0.148235	1
cg19363669	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.00938536	0.291133	1.29002	1.29002	0.000421168	3.66642	3.66642	0.00453878	0.24839	2.40839	0.0211567	1.90481	1.90481	0.113639	1.49208	1.49208	0.209646	1.35986	1.35986	0.0592369	1.64068	1.64068	0.0365814	1.75896	1.75896	0.0262155	1.84607	1.84607	0.163047	5.16249	0.760823	1
cg04244855	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0120409	0.799318	0.949225	-1.05349	0.4505	1.17031	1.17031	0.523472	1.1414	1.1414	0.883988	0.970576	-1.03032	0.00014961	0.263879	-3.78961	0.274833	0.792629	-1.26162	0.369431	0.82816	-1.2075	0.836605	0.958638	-1.04315	0.989485	1.0027	1.0027	5.56734	3.68924	0.58903	1
cg01027554	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0128767	0.544123	1.27268	1.27268	0.839094	1.08312	1.08312	0.136643	1.87714	1.87714	0.0672679	2.23751	2.23751	0.489828	0.75919	-1.31719	0.33681	1.47539	1.47539	0.00407262	0.219971	-4.54606	0.0137277	3.30906	3.30906	0.00784129	3.81922	3.81922	5.44706	13.3061	2.17138	1
cg02583740	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0129948	0.106099	2.37123	2.37123	0.456899	1.44867	1.44867	0.92086	1.04982	1.04982	0.590424	1.30449	1.30449	0.00574453	0.170149	-5.8772	0.632751	0.79016	-1.26557	0.0618999	2.79692	2.79692	0.00218595	8.18504	8.18504	0.0660873	2.74174	2.74174	5.43086	20.5847	3.36918	1
cg23605961	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0133172	0.625319	0.876474	-1.14094	0.00650956	0.387765	-2.57888	0.0053023	2.67635	2.67635	0.0963722	1.63085	1.63085	0.427398	0.804859	-1.24245	0.154533	0.664805	-1.5042	0.0187623	0.466295	-2.14457	0.317151	0.758026	-1.31922	0.533313	1.18416	1.18416	5.41425	6.15456	1.01043	1
cg05167561	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0140714	0.514483	0.789696	-1.26631	0.0292426	0.399517	-2.50302	0.0746556	0.492015	-2.03246	0.694227	0.868384	-1.15156	0.00679902	0.285754	-3.49952	0.0854127	0.507037	-1.97224	0.000958307	0.172541	-5.79574	0.419664	1.34246	1.34246	0.048251	0.446548	-2.2394	5.29103	10.6905	1.796	1
cg23738548	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0141879	0.0187307	0.664011	-1.506	0.18934	1.2212	1.2212	0.37109	1.14111	1.14111	0.0660086	0.743469	-1.34505	0.171012	0.810986	-1.23307	0.0016645	0.523882	-1.90883	0.0873496	1.31164	1.31164	0.111899	0.779722	-1.28251	0.990532	1.00171	1.00171	5.2767	1.72637	0.290816	1
cg00665482	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0150479	0.954396	1.00809	1.00809	0.000556984	2.12586	2.12586	0.166738	0.812514	-1.23075	0.2495	1.18471	1.18471	0.986325	1.00242	1.00242	0.357201	1.14265	1.14265	0.0832489	1.31004	1.31004	0.024609	1.45786	1.45786	0.0610857	1.34615	1.34615	5.17524	1.62562	0.279214	1
cg11229488	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0167064	0.00279599	0.454915	-2.19821	0.488619	1.14396	1.14396	0.031644	0.617757	-1.61876	0.119879	0.724281	-1.38068	0.923489	1.01853	1.01853	0.224638	1.27614	1.27614	0.0320969	0.618804	-1.61602	0.82213	1.04399	1.04399	0.00859454	0.526914	-1.89784	4.99851	2.89326	0.51451	1
cg11036315	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0169321	0.0132999	0.176352	-5.67048	0.0339134	0.246372	-4.0589	0.00828804	0.148145	-6.75015	0.949805	0.965012	-1.03626	0.0106685	0.162683	-6.14693	0.0219431	0.211172	-4.73548	0.00529948	0.125053	-7.99661	0.664259	0.781097	-1.28025	0.0734715	0.323357	-3.09255	4.97614	25.2226	4.50552	1
cg27332978	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0181159	0.382106	0.779187	-1.28339	0.672193	1.12577	1.12577	0.177903	1.48958	1.48958	0.439181	0.802828	-1.2456	0.00269153	0.315252	-3.17207	0.0157784	0.438969	-2.27806	0.0549931	0.545707	-1.83249	0.681165	0.89137	-1.12187	0.00750561	0.383724	-2.60604	4.86461	5.96924	1.09073	1
cg19816125	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0187361	0.864259	0.933175	-1.07161	0.840522	1.08485	1.08485	0.0141635	3.3991	3.3991	0.0336014	2.72719	2.72719	0.00820396	0.254846	-3.92394	0.0237497	0.335886	-2.9772	0.995766	1.00215	1.00215	0.139856	1.90045	1.90045	0.827884	1.092	1.092	4.80974	12.4456	2.30008	1
cg27168114	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0197351	0.227238	0.663265	-1.50769	0.843721	0.938073	-1.06601	0.36609	0.740258	-1.35088	0.453949	1.28026	1.28026	0.0929765	0.549571	-1.8196	0.14104	1.66987	1.66987	0.0311184	0.440687	-2.26918	0.323202	0.718571	-1.39165	0.000798001	0.193949	-5.15601	4.72591	7.85181	1.47683	1
cg02025656	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0198046	0.164499	0.768734	-1.30084	0.00474704	1.94455	1.94455	0.103916	1.37069	1.37069	0.0338586	1.55165	1.55165	0.549102	0.898075	-1.11349	0.077686	0.706291	-1.41585	0.019577	1.64912	1.64912	0.407912	1.16197	1.16197	0.60539	0.911716	-1.09683	4.72028	2.351	0.442723	1
cg16305865	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0200882	0.343017	0.832782	-1.20079	0.0939068	1.41202	1.41202	0.563158	1.11571	1.11571	0.261081	1.24551	1.24551	0.0120131	0.556075	-1.79832	0.806067	0.954972	-1.04715	0.00596065	0.509939	-1.96102	0.0410283	1.55529	1.55529	0.263596	1.24395	1.24395	4.69753	2.61037	0.493946	1
cg12239995	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0211292	0.76457	0.955297	-1.04679	0.156791	0.794058	-1.25935	0.229234	0.825213	-1.21181	0.228237	1.21236	1.21236	0.000688507	0.454261	-2.20138	0.233994	1.20922	1.20922	0.304101	1.17593	1.17593	0.15984	0.795578	-1.25695	0.785921	0.959393	-1.04233	6.41735	1.69546	0.326394	1
cg19236902	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0214978	0.752801	0.870409	-1.14888	0.037048	2.89685	2.89685	0.0158966	3.65919	3.65919	0.0358111	2.92386	2.92386	0.0342691	0.337922	-2.95926	0.160912	1.9306	1.9306	0.170977	0.527096	-1.89719	0.121362	2.09126	2.09126	0.0403358	2.83036	2.83036	4.59012	14.0279	2.71655	1
cg11327004	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0232082	0.135545	0.52816	-1.89336	0.580822	1.24771	1.24771	0.25378	1.60466	1.60466	0.995378	1.0023	1.0023	0.884365	0.922195	-1.08437	0.468798	0.746411	-1.33974	0.00042134	0.108858	-9.18624	0.752458	0.882006	-1.13378	0.304685	0.655866	-1.5247	4.40794	11.1499	2.21676	1
cg03278510	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0240883	0.28019	0.842196	-1.18737	0.00554523	0.572618	-1.74636	0.727651	1.05495	1.05495	0.413986	0.880062	-1.13628	0.896724	1.02007	1.02007	0.168116	1.25198	1.25198	0.00444813	1.78706	1.78706	0.931456	0.986925	-1.01325	0.211608	0.817643	-1.22303	4.41378	1.63622	0.329517	1
cg10385101	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0250653	0.0192438	0.262638	-3.80753	0.387168	0.658027	-1.51969	0.147561	0.480154	-2.08266	0.34916	0.634419	-1.57625	0.0172701	0.254263	-3.93293	0.787834	0.880418	-1.13582	0.00268564	0.141022	-7.09109	0.190135	1.92541	1.92541	0.0534545	0.354984	-2.81703	4.35328	15.3694	3.13825	1
cg22234154	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0313755	0.0290682	0.491469	-2.03471	0.00344846	0.333964	-2.99433	0.00889067	0.398794	-2.50756	0.462247	0.813307	-1.22955	0.672203	0.88912	-1.12471	0.0366015	0.511355	-1.95559	0.847643	0.948273	-1.05455	0.667067	1.12694	1.12694	0.998662	0.999537	-1.00046	4.02212	4.85725	1.07345	1
cg15121417	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0315023	0.152583	1.21704	1.21704	0.0981476	1.26184	1.26184	0.0314076	1.3821	1.3821	0.596331	1.07094	1.07094	0.518685	1.0875	1.0875	0.757115	0.96101	-1.04057	0.000783031	1.91772	1.91772	0.384549	1.12109	1.12109	0.926772	0.988284	-1.01185	4.01632	1.04545	0.231378	1
cg26203136	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0354688	0.830034	1.07517	1.07517	0.0168183	0.373972	-2.674	0.748775	0.897327	-1.11442	0.737884	0.907445	-1.10199	0.0849733	0.526132	-1.90066	0.011909	0.347072	-2.88124	0.0145017	0.36223	-2.76068	0.0985991	1.84169	1.84169	0.40206	0.748398	-1.3353	3.84854	6.92892	1.60036	1
cg14014033	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0384223	0.0257711	2.42845	2.42845	0.0142074	2.75559	2.75559	0.78885	0.913983	-1.09411	0.0353905	0.440039	-2.27253	0.484394	1.26885	1.26885	0.892889	0.955861	-1.04618	0.764296	1.10602	1.10602	0.194048	1.58474	1.58474	0.0659605	0.500951	-1.9962	3.73798	6.64731	1.58072	1
cg21381845	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0388942	0.484805	0.797765	-1.2535	0.576324	0.83555	-1.19682	0.023111	0.421266	-2.3738	0.20381	0.652553	-1.53244	0.039287	0.468126	-2.13617	0.199976	0.649916	-1.53866	0.00362935	0.28574	-3.49968	0.308392	1.3987	1.3987	0.040799	0.471636	-2.12028	3.72129	5.97004	1.42604	1
cg19087971	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0440223	0.899811	0.971447	-1.02939	0.812844	1.05606	1.05606	0.240985	1.32619	1.32619	0.00112157	3.01416	3.01416	0.135955	0.691053	-1.44707	0.716902	0.919661	-1.08736	0.495532	0.85286	-1.17253	0.77582	1.06787	1.06787	0.739959	1.07962	1.07962	3.55459	2.97785	0.744664	1
cg14871771	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.047178	0.716685	0.853352	-1.16911	0.178434	0.541764	-1.84582	0.0464948	0.376229	-2.65795	0.0285374	3.02772	3.02772	0.164605	0.529587	-1.88826	0.17253	0.536638	-1.86345	0.0111732	0.255816	-3.90906	0.59314	1.26012	1.26012	0.264152	0.607143	-1.64706	3.46348	10.082	2.58751	1
cg19472611	PRKAR2A	6.43E-05	0.291563	0.823536	-1.21428	0.0962643	1.38265	1.38265	0.0377344	1.53345	1.53345	0.0962793	1.04648	1.04648	0.875207	0.713545	-1.40145	0.00617285	1.88447	1.88447	0.0925486	0.720078	-1.38874	0.225063	1.25364	1.25364	0.0249063	12.4144	0.643062	0.443061	1
cg07754938	PRKAR2A	0.000451376	0.000162402	0.0	-3.0E+07	0.0004452	1.33221	1.33221	0.0373662	1.61737	1.61737	0.0217006	0.679204	0.679204	0.0004425	0.734125	-1.36205	5.63E-05	0.34977	-2.85933	0.0004425	0.750651	-1.33218	0.0318965	0.643614	-1.55371	0.0478313	4.58758	0.277379	1
cg13063704	PRKAR2A	0.00654743	0.0489319	0.688761	-1.45188	0.0010697	2.22908	2.22908	0.957207	0.991141	-1.00894	0.0436976	0.680784	-1.46889	0.00598091	0.551101	-1.81455	0.62439	0.921425	-1.08528	0.0422415	0.678412	-1.47403	0.159208	0.779201	-1.28337	0.37038	0.858527	-1.16479	6.75412	2.94158	0.387132	1
cg18452155	PRKAR2A	0.0182865	0.142918	1.27291	1.27291	0.0764203	0.591241	-1.69136	0.00367292	0.589564	-1.71361	0.361931	1.2662	1.2662	0.018793	0.641259	-1.55959	0.300592	0.850258	-1.1761	0.181931	1.2375	1.2375	0.0402068	1.48408	1.48408	0.0124896	4.64429	0.180381	0.330644	1
cg24965617	PRKAR2A	0.01937	0.450087	0.658154	-1.5194	0.00531952	0.135859	-7.36056	0.253828	1.91117	1.91117	0.00928951	1.36307	1.36307	6.01298	0.60065	0.750444	-1.33254	0.00276959	0.106126	-9.42276	0.912815	0.942206	-1.06134	0.596329	0.747841	-1.33718	0.190177	0.470415	-2.12578	4.75592	22.2538	4.15926	1
cg05699592	PRKAR2A	0.0211	0.0013633	0.565425	-1.76858	0.587081	0.934947	-1.06958	0.572694	0.912466	-1.07243	0.116935	0.81145	-1.23236	0.0665947	1.28702	1.28702	0.732975	0.958861	-1.0429	0.269222	1.1516	1.1516	0.58787	1.06942	1.06942	0.0304435	0.731959	-1.3662	4.61953	1.10097	0.211849	1
cg20482253	PRKAR2B	0.00813779	0.0885953	1.4381	1.4381	0.0131172	1.58588	1.58588	0.0050751	2.04863	2.04863	0.858741	1.01656	1.01656	0.250802	1.26121	1.26121	0.0133747	0.55292	-1.80858	0.0677962	0.672512	-1.48696	0.0150361	0.563008	-1.7825	0.0260447	1.25484	4.53013	3.73817	0.526585	1
cg00641009	PRKAR2B	0.00956429	0.0190669	0.548085	-1.82453	0.41932	1.19268	1.19268	0.031238	1.70852	1.70852	0.738082	-1.35486	0.870782	0.96609	-1.0351	0.390912	0.830031	-1.20477	0.000942059	2.86385	2.86385	0.369289	1.2158	1.2158	0.0699265	1.53641	1.53641	5.99529	4.2641	0.632215	1
cg22187032	PRKAR2B	0.0117059	0.396669	0.0	-3.0E+07	0.0525185	0.925185	-1.08037	0.0883134	1.10718	1.10718	0.150219	0.903145	0.903145	0.0001755	1.10798	1.10798	0.0111882	0.7053	-1.41818	0.0222143	0.509668	1.60968	1.60968	0.0218588	0.729442	-1.37078	0.0189568	0.729442	-1.37078	1.13877	0.0189568	0.729442	-1.37078	1.175502	1
cg17238015	PRKAR2B	0.0175356	0.0329091	0.638453	-1.56629	0.0530564	0.673462	-1.48487	0.754089	1.05814	1.05814	0.339278	0.837671	-1.19379	0.00112067	0.421962	-2.36988	0.0890843	1.40104	1.40104	0.41714	1.16082	1.16082	0.94082	0.986736	-1.01344	0.446014	1.14993	1.14993	4.91812	2.51917	0.455308	1
cg21196365	PRKAR2B	0.0142934	0.846121	0.95067	-1.05189	0.00491682	0.379297	-2.63646	0.00705559	0.480862	-2.47609	0.334282	0.771607	-1.296	0.153449	0.671683	-1.4888	0.378289	0.790283	-1.26537	0.0735239	1.68119	1.68119	0.0974928	1.00084	1.00084	0.430461	0.810966	-1.2331	3.89574	4.18279	0.954383	1
cg10691109	PRKAR2B	0.0158836

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(105T 04T vs. N)	Fold-Change(1 vs. N)	Ratio(105T vs. N)	Fold-Change(1 vs. 05T vs. N)	Ratio(111T vs. N)	Fold-Change(1 vs. 11T vs. N)	Ratio(112T vs. N)	Fold-Change(1 vs. 12T vs. N)	Ratio(121T vs. N)	Fold-Change(1 vs. 21T vs. N)	Ratio(121T vs. N)	Fold-Change(1 vs. 21T vs. N)	Ratio(134T vs. N)	Fold-Change(1 vs. 34T vs. N)	Ratio(137T vs. N)	Fold-Change(1 vs. 37T vs. N)	Ratio(153T vs. N)	Fold-Change(1 vs. 53T vs. N)	Ratio(154T vs. N)	Fold-Change(1 vs. 54T vs. N)	Ratio(163T vs. N)	Fold-Change(1 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
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cg09529437	PRKCB;PRKCB	0.00534399																											
cg09108394	PRKCB;PRKCB	0.00589167																											
cg09365491	PRKCB;PRKCB	0.00625518																											
cg06419562	PRKCB;PRKCB	0.00743398																											
cg00973705	PRKCB;PRKCB	0.0226278																											
cg01661235	PRKCB;PRKCB	0.0345523																											
cg05636819	PRKCB;PRKCB	0.0373272																											
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cg26685404	PRKCB;PRKCB	0.0496368																											
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cg23168971	PRKCB;PRKCB	0.00778923																											
cg09956825	PRKCB;PRKCB	0.0113367																											
cg04981490	PRKCB;PRKCB	0.0122462																											
cg23660805	PRKCB;PRKCB	0.0159042																											
cg08170911	PRKCB;PRKCB	0.0436243																											
cg14720759	PRKCB;PRKCD;PRKCD;PRKCD	0.00375627																											
cg16776055	PRKCB;PRKCB	7.28E-06																											
cg16245261	PRKCB;PRKCB	0.00125694																											
cg05628549	PRKCB;PRKCB	0.00279976																											
cg04333575	PRKCB;PRKCB	0.0500269																											
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cg18959478	PRKCB;PRKCB	0.0277153																											
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cg18729886	PRKCB;PRKCB	0.0496414																											
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cg24693218	PRKCI	0.0012743																											
cg19045637	PRKCI	0.00179435																											
cg21140290	PRKCI	0.00194833																											
cg12637956	PRKCI	0.0121579																											
cg00993163	PRKCQ	0.00241354																											
cg14899522	PRKCQ	0.00006721																											
cg18741453	PRKCQ	0.00402061																											
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cg23434428	PRKCQ	0.00631458																											
cg15259864	PRKCQ	0.00970802																											
cg19910780	PRKCQ	0.0112794																											
cg01389728	PRKCQ	0.0149344																											
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cg09877009	PRKCQ	0.0289128																											
cg04351665	PRKCQ	0.0413372																											
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cg08115172	PRKCSH	7.19E-05																											
cg17355877	PRKCZ	0.00037064																											
cg23629792	PRKCZ	0.00079259																											
cg21345329	PRKCZ	0.00133093																											
cg22865720	PRKCZ	0.00220286																											
cg26269144	PRKCZ	0.00256408																											
cg24475758	PRKCZ	0.0033814																											
cg07570618	PRKCZ	0.00430194																											
cg26572435	PRKCZ	0.00572421																											
cg14656575	PRKCZ	0.00731372																											
cg09179451	PRKCZ	0.00766474																											
cg05463656	PRKCZ	0.00990101																											
cg01088501	PRKCZ	0.0108916																											
cg20285206	PRKCZ	0.0139667																											
cg17740743	PRKCZ	0.0138985																											
cg00734700	PRKCZ	0.0139519																											
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cg15115072	PRKCZ	0.0335785																											
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cg02293396	PRKCZ;PRKCZ	0.00090972																											
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cg20256605	PRKCZ;PRKCZ	0.00118164																											
cg01449266	PRKCZ;PRKCZ	0.00125003																											
cg14778173	PRKCZ;PRKCZ	0.00161994																											
cg07382156	PRKCZ;PRKCZ	0.00185819																											
cg01514357	PRKCZ;PRKCZ	0.00232948																											
cg02912476	PRKCZ;PRKCZ	0.00378188																											

Probeset ID	p-value(1047 vs. N)	Fold-Change(1 vs. 04T vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. 05T vs. N)	Ratio(111T vs. N)	Fold-Change(1 vs. 11T vs. N)	Ratio(112T vs. N)	Fold-Change(1 vs. 12T vs. N)	Ratio(121T vs. N)	Fold-Change(1 vs. 21T vs. N)	p-value(134T vs. N)	Fold-Change(1 vs. 34T vs. N)	p-value(137T vs. N)	Fold-Change(1 vs. 37T vs. N)	p-value(153T vs. N)	Fold-Change(1 vs. 53T vs. N)	p-value(154T vs. N)	Fold-Change(1 vs. 54T vs. N)	p-value(163T vs. N)	Fold-Change(1 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25248742	0.0068682	2.2812112	0.41281	1.1923221	0.435476	-2.29634	0.010708	0.144817	-6.90525	0.2585566	0.491582	-2.03425	0.0144558	0.162742	-6.1447		0.138493	0.182604	-2.61367	0.0002044553	0.0259446	-58.5436	0.0222083	0.07735352	0.149694	-6.68028	7.54666	43.3401	5.31881	1
cg09529437	0.07234326	0.7601531	-1.31556	0.7741785	0.619659	-1.61379	0.0209434	0.512602	-1.95083	0.318681	0.780445	-1.28132	0.0160581	0.49225	-2.03149		0.135554	0.679138	-1.47246	7.98E-05	0.180147	-5.55102	0.233765	0.7406521	-1.350022	0.1132555	0.6600629	-1.51371	7.190775	6.58885	0.814485	1
cg09108394	0.00589167	0.548266	0.695494	-1.43783	0.0405144	4.11276	4.11276	0.262394	0.497325	-2.01076	0.0413367	0.244967	-4.08218	0.0120616	0.153941	-6.49598	0.231349	2.117911	2.117911	0.000615592	0.0427659	-23.3831	0.0130408	0.1586546	-6.30335	0.402839	0.599142	-1.66905	6.978828	39.4891	5.0301	1
cg09365491	0.00625518	0.502206	-1.99122	0.2286083	0.306597	-3.26154	0.0955983	0.523539	-2.31193	0.924896	0.94411	1.04411	0.0568145	0.189954	5.2633		0.0405482	0.338661	-2.9526	0.0003311	0.0687966	-14.5356	0.0091762	0.2119904	-4.54575	0.0268303	0.3013015	3.3221	6.85039	22.73573	2.95033	1
cg06419562	0.0175711	1.22762	1.22762	0.0946015	0.635192	-1.57433	0.215782	0.725308	-1.37872	0.406189	0.811003	-1.23304	0.608196	1.13595	1.13595		0.727127	1.0902	1.0902	0.00170952	0.331554	-3.0161	0.00041921	0.251236	-3.980102	0.3351812	0.782966	-1.27719	6.49196	6.24855	0.855561	1
cg00973705	0.0226278	0.0180261	0.162666	-6.14797	0.0173965	0.160361	-6.23593	0.0378692	0.227172	-4.40464	0.0855218	0.300775	-3.32474	0.0110574	0.13342	-7.4951	0.123302	0.34584	-2.8915	0.00546034	0.0992569	-10.0749	0.0163267	0.15632	-6.39734	0.0696195	0.2779301	-3.60619	4.5067	28.5163	5.62448	1
cg01661235	0.0345523	0.584608	0.795183	-1.25757	0.727478	0.864812	-1.15632	0.0403673	0.374158	-2.67267	0.808164	1.10626	1.10626	0.0805515	0.447242	-2.23593	0.300307	0.640442	-1.56142	0.00152193	0.150291	-6.65375	0.0218412	0.319045	-3.13435	0.06936	1.01607	1.01607	3.88517	10.6054	2.42642	1
cg05636819	0.0373272	0.616181	0.872908	-1.1456	0.0215379	0.426127	-2.34551	0.3814665	0.7868402	-1.27097	0.387179	0.787898	-1.2692	0.529794	1.1865	1.1865	0.678268	0.891873	1.11873	0.00104196	0.2924683	-3.3617	0.145789	0.637042	-1.52197	0.710279	1.10556	1.10556	3.77731	4.32758	1.01827	1
cg26562691	0.0409991	0.0116816	0.114034	-8.7693	0.0207761	0.146925	-6.80521	0.0209039		-6.45035	0.213928	0.329777	-3.03235	0.0438821	0.302725	-4.93279	0.145089	0.340199	-2.93946	0.0156448	0.0785247	-12.7348	0.104804	0.294796	-3.39217	0.0832298	0.2667614	-3.74868	3.64977	27.4446	6.68405	1
cg26685404	0.0496368	0.0710088	0.358963	-2.78581	0.815912	1.12576	1.12576	0.981062	1.01213	1.01213	0.547829	0.734229	-1.36197	0.0523191	0.326084	-3.06669	0.912248	0.945541	-1.0576	0.00592031	0.16063	-6.2255	0.0138776	0.213475	-4.6844	0.0667408	0.351989	-2.841	3.39753	13.8843	3.63252	1
cg03036374	6.43E-05	0.108764	0.753027	-1.32743	0.0001119	0.164516	-6.07837	0.0001119	0.2484227	0.165183	0.0849159	0.2484227	-4.02732	0.0085304	0.343465	-2.9115	0.523784	0.814127	1.22833	0.0013934	0.0062483	-7.6647	1.86E-06	0.0001255	-7965.43	0.0002483	0.0001255	0.0001255	1.253077	24.9028	39.0545	1.42615	1
cg23168971	0.00778923	0.135838	0.20264	1.20264	0.82484	-1.02577	1.025577	0.000714028	1.80678	1.806778	0.732698	0.961409	-1.04014	0.1103197	1.22106	1.22106	0.579669	1.06633	1.06633	0.0106193	0.6915331	-1.44606	0.0108399	1.44384	1.443384	0.360139	1.11405	1.11405	0.39762	1.3353	0.185528	1
cg09956825	0.0113367	0.660262	0.974003	-1.02649	0.79389	0.972736	-1.0664	0.0279913	1.72162	1.721621	0.584961	1.12211	1.122211	0.0449917	0.452729	-2.20883	0.302018	0.705986	1.41617	0.0049317	0.3979336	-2.51319	0.165405	1.36289	1.362889	0.505589	0.6902755	-1.44769	5.67704	9.59228	0.656483	1
cg04981490	0.0122462	0.992103	1.00392	0.139249	0.533047	-1.87601	0.190629	0.578156	-1.72964	0.305332	0.52143	1.92143	0.0072413	0.138253	7.2261		0.302615	0.655615	-1.52529	0.00288765	0.439936	-2.27315	0.052756	0.645435	1.20102	1.20102	0.199784	0.5385354	-1.70837	3.98291	9.86002	2.2005	1
cg23660805	0.0159042	0.715062	1.10532	0.905783	0.13267	1.03287	0.0443669	0.1789	1.8789	0.547826	0.18069	0.144731	0.651942	1.53388			0.056766	0.554943	-1.80199	0.127042	0.631779	-1.56942	0.0387261	1.92276	1.922776	0.0752758	2.02244	3.83154	4.52627	1.05006	1
cg08170911	0.0436243	0.0160909	0.157775	-1.79284	0.0908762	0.131697	-7.59377	-1.92313	0.0184466	0.638487	-1.61685	0.0800568	1.00502	1.00502	0.274331	-3.64401	0.0133574	1.2083	1.2083	0.0001255	0.0001255	-7969.43	0.0001255	0.0001255	-7969.43	0.0001255	0.0001255	0.0001255	1.253077	24.9028	39.0545	1.42615	1
cg14720759	0.00375627	0.0484119	0.671613	-1.48895	0.0655417	1.44029	1.44029	0.922542	0.982979	-1.01732	0.0167307	0.59718	-1.67454	0.0020956	0.467595	-2.14687	0.000926941	0.417699	-2.39407	1.26E-05	0.197326	-5.06777	0.0485669	0.671849	-1.48843	0.57513	0.9048868	-1.10513	15.4658	7.6323	0.438664	1
cg16776055	7.28E-06	3.37E-06	4.32019	4.32019	6.14E-07	5.82353	5.823529	0.000249552	2.02735	2.027351	0.00227901	2.73229	2.732229	0.0991384	2.26192	2.26192	0.0172564	1.45285	1.45285	0.099278	0.7906	-1.26496	1.14E-05	3.3074	3.3074	0.000650944	1.96038	1.96038	44.0514	11.5674	0.219413	1
cg16245261	0.00125694	0.2740444	-5.46903	0.0262004	0.142884	-7.00004	0.0036405	0.338542	-2.95334	0.188708	0.0030121	-5.46621	0.0077878	0.391001	-2.55754		0.8356641	1.05856	1.05876	0.112615	1.60752	1.607152	0.112338	0.6218808	-1.60821	0.0025488	0.1036545	1.16405	0.18335	12.961	1.06345	1
cg05628549	0.00279976	0.0312507	2.60082	2.60082	0.00170749	5.4411	5.4411	0.534592	1.26853	1.26853	0.592099	1.22697	1.22697	0.0164815	3.0288	3.0288	0.0589773	2.24008	2.24008	0.000158874	11.4954	11.4954	0.00271183	4.78969	4.78969	0.0443131	2.39566	2.39566	8.73519	19.7884	2.01366	1
cg04333575	0.0500269	0.0502069	1.83662	1.83662	0.0373934	3.96311	3.96311	0.266314	0.675205	1.73907	0.360735	1.28427	1.28427	0.0051864	2.70975	2.70975	0.0022605	3.18267	3.18267	0.000468366	1.855077	1.855077	0.0001255	1.3399	1.33929	0.363813	1.28635	1.28635	0.62296	1.78896	1.02491	1
cg12479098	0.00652023	0.0014767	0.264527	-3.78304	0.164529	0.65059	-1.53707	0.0024087	0.2994675	0.2314369	0.0329407	0.3042085	0.0026705	0.3579901	2.79307		0.2311944	0.302046	-3.31045	0.0001255	0.0001255	-7969.43	0.0001255	0.0001255	-7969.43	0.0001255	0.0001255	0.0001255	1.253077	24.9028	39.0545	1.42615	1
cg12755431	0.00795285	0.5347665	0.722222	-1.38452	0.0475637	0.554154	-1.80435	0.0045635	0.4193274	0.3042762	0.0145007	0.4694774	0.0126166	0.4134339	2.41655		0.5202717	1.21755	1.21755	0.0013445	0.3145335	1.14276	1.14276	0.0122442	0.24952	0.24952	0.0106968	0.4118349	-2.42753	0.4952	0.3105945	0.4342	1
cg20938665	0.0093907	0.0269094	0.96388	0.0131546	0.5505	0.5505	0.452614	1.59644	1.59644	0.142593	0.62083	2.62083	0.0310214	4.70141	4.70141		0.0297012	0.78008	0.78008	0.000642219	0.24972	24.5972	0.00651018	0.68647	0.68647	0.0247975	0.12178	5.12178	0.03038	35.6953	5.26156	1
cg02273041	0.0095441	0.0257071	0.80979	0.021289	0.87944	0.89447	0.552283	1.60759	1.607593	0.131593	0.61528	1.615528	0.0226116	0.631383	0.63183		0.0372115	0.675036	0.675036	0.007573157	0.56318	56.3318	0.00436108	0.20255	20.2255	0.0252717	0.16856	5.93993	59.2327	8.77619	1
cg27132391	0.0145475	0.7005	1.35055	0.0118746	0.14254	1.83254	0.0134466	0.0136497	0.0183844	1.08804	0.0116456	0.0148914	0.0110002	0.0150202	0.0148914		0.0283274	0.59744	0.59744	0.0001255	0.0001255	-7969.43	0.0001255	0.0001255	-7969.43	0.0001255	0.0001255	0.0001255	1.253077	24.9028	39.0545	1.42615	1
cg26078920	0.0142141	0.0566115	4.2961	4.2961	0.0125304	8.14965	8.14965	0.485364	1.61432	1.614332	0.377801	1.84331	1.84331	0.0301089	5.60079	5.60079	0.0494142	4.54829	4.54829	0.00159858	21.3026	21.3026	0.00490076	13.4972	13.4972	0.0421726	4.8609	4.8609	5.2735	38.1116	6.424	1
cg18959478	0.0277153	0.0237464	0.42135	-2.42135	0.146107	0.528353	-1.89253	0.0105955	0.3906505	0.39065	0.0004784552	0.2562735	0.02725	0.0022790	0.1783291	5.608	0.2729225	0.0991384	10.08554	0.0158899	0.593313	0.104643	0.802559	0.6249	1.60069	0.1645	6.08	0.1645	5.5335	0.0441208	4.37237	4.372337	4.002955	31.5853	5.72866	1
cg15020102	0.0198381	0.042351	0.8498	0.4248288	0.51	1.96078	0.5129	0.569062	1.63333	1.633333	0.164075	1.389172	0.3891278	0.129768	12.6968		0.0549122	2.3317	2.3317	0.0029136	0.3923	42.2542	0.0258723	27.0596	27.0596	0.0381769	0.14046	7.12045	12.5772	11.7909	1	
cg18392781	0.0213021	0.0332

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11781622	PRKCZ;PRKCZ;PRKCZ	0.00445396	0.74717	1.04436	1.04436	0.0563601	0.748292	-1.33638	0.012237	0.657809	-1.5202	0.492164	1.09814	1.09814	0.000171222	0.424384	-2.35636	0.143569	0.809849	-1.2348	0.172499	0.822958	-1.21513	0.353773	1.13659	1.13659	0.00952958	0.64361	-1.55374	7.60139	2.1681	0.253533	1
cg02334669	PRKCZ;PRKCZ;PRKCZ	0.00462731	0.409858	1.07614	1.07614	0.231135	0.896409	-1.11556	0.529406	1.05704	1.05704	0.0119405	1.31405	1.31405	0.00967948	1.32977	1.32977	0.889763	0.987998	-1.01215	0.000270952	1.68175	1.68175	0.059342	0.830829	-1.20362	0.621852	1.04424	1.04424	7.5138	0.902064	0.106715	1
cg17748900	PRKCZ;PRKCZ;PRKCZ	0.00643375	0.128043	1.29935	1.29935	0.802673	0.960931	-1.04066	0.0134758	0.614548	-1.62721	0.0715933	1.37742	1.37742	0.0923247	0.744626	-1.34296	0.0145275	1.61477	1.61477	0.00935633	0.591819	-1.68971	0.0065836	0.570285	-1.75351	0.157713	0.786283	-1.27181	6.79092	2.72464	0.356639	1
cg17426766	PRKCZ;PRKCZ;PRKCZ	0.0100846	0.00428605	0.321233	-3.113	0.49941	1.22605	1.22605	0.850274	0.945376	-1.05778	0.239507	0.693421	-1.44213	0.00306246	0.299561	-3.33822	0.144526	0.627584	-1.59341	0.00250086	0.286956	-3.48485	0.457778	1.25201	1.25201	0.0472549	0.509267	-1.96361	5.89472	8.24871	1.24386	1
cg23803603	PRKCZ;PRKCZ;PRKCZ	0.0103206	0.0224871	0.352183	-2.83943	0.226894	1.62316	1.62316	0.0553911	2.29115	2.29115	0.56684	1.24735	1.24735	0.00639562	0.258052	-3.87519	0.966609	1.01611	1.01611	0.319954	0.675453	-1.48049	0.00185154	0.185043	-5.40414	0.217719	0.609524	-1.64062	5.85119	13.508	2.05208	1
cg03732007	PRKCZ;PRKCZ;PRKCZ	0.0103445	0.83817	0.923994	-1.08226	0.00510615	4.18019	4.18019	0.0797114	2.12071	2.12071	0.0123348	3.33498	3.33498	0.246463	1.5976	1.5976	0.0222557	2.88388	2.88388	0.0506077	2.36569	2.36569	0.000800456	7.07488	7.07488	0.791107	1.10807	1.10807	5.84685	13.8368	2.10358	1
cg25407448	PRKCZ;PRKCZ;PRKCZ	0.0146817	0.180465	0.816619	-1.22456	0.642093	0.935502	-1.06895	0.780814	0.961045	-1.04053	0.411714	1.127	1.127	0.438781	0.893607	-1.11906	0.0313019	1.43312	1.43312	0.000414008	2.22142	2.22142	0.842176	1.0288	1.0288	0.716021	0.94929	-1.05342	5.21754	1.67667	0.285647	1
cg21282837	PRKCZ;PRKCZ;PRKCZ	0.0147557	0.0769385	0.644491	-1.55161	0.184405	0.730192	-1.3695	0.00835971	0.47113	-2.12256	0.281201	0.778684	-1.28422	0.0240806	0.548326	-1.82373	0.455972	1.18481	1.18481	0.00657447	2.19964	2.19964	0.164357	1.39288	1.39288	0.954282	0.987277	-1.01289	5.20889	4.11519	0.702252	1
cg09260853	PRKCZ;PRKCZ;PRKCZ	0.017556	0.849341	1.02643	1.02643	0.921071	1.01369	1.01369	0.268379	0.853726	-1.17134	0.896155	0.982246	-1.01807	0.997903	0.99964	-1.00036	0.00153773	1.86855	1.86855	0.00344545	1.72448	1.72448	0.238017	1.18478	1.18478	0.28943	0.859981	-1.16282	4.91619	1.46524	0.264928	1
cg26930596	PRKCZ;PRKCZ;PRKCZ	0.0187343	0.228915	0.629636	-1.58822	0.00259922	0.216829	-4.61193	0.333929	0.694105	-1.4407	0.525259	0.789896	-1.26599	0.0011295	0.172797	-5.78714	0.503021	0.779558	-1.28278	0.715195	0.874357	-1.1437	0.287642	0.667319	-1.49853	0.0278933	0.385981	-2.5908	4.80989	10.2258	1.88978	1
cg02393699	PRKCZ;PRKCZ;PRKCZ	0.0208682	0.00642296	0.193525	-5.1673	0.29428	0.604145	-1.65523	0.116704	0.454017	-2.20256	0.672729	0.821333	-1.21753	0.0197225	0.271266	-3.68641	0.0387456	0.32995	-3.03076	0.00153081	0.1209	-8.27132	0.101526	0.435813	-2.29456	0.0963294	0.429173	-2.33006	4.63698	15.7615	3.0214	1
cg04315214	PRKCZ;PRKCZ;PRKCZ	0.0211381	0.0794499	1.87867	1.87867	0.0425599	2.13045	2.13045	0.504056	0.802839	-1.24558	0.167401	1.6107	1.6107	0.22379	0.661028	-1.5128	0.842105	0.937442	-1.06673	0.00180593	4.20927	4.20927	0.015191	2.62715	2.62715	0.314981	1.4001	1.4001	4.61668	7.67072	1.47691	1
cg07093776	PRKCZ;PRKCZ;PRKCZ	0.0273538	0.826278	1.04689	1.04689	0.0238438	0.569997	-1.7544	0.653013	1.09893	1.09893	0.120246	0.703749	-1.42096	0.00382682	0.443632	-2.25412	0.00945162	0.503775	-1.98501	0.162781	0.733009	-1.36424	0.669586	1.09361	1.09361	0.516106	1.14712	1.14712	4.22232	2.90588	0.611749	1
cg07693617	PRKCZ;PRKCZ;PRKCZ	0.0289072	0.392384	0.85409	-1.17084	0.0309136	1.57795	1.57795	0.928739	0.984029	-1.01623	0.405534	1.16553	1.16553	0.485348	1.13612	1.13612	0.57354	1.10779	1.10779	0.0219971	0.609871	-1.63969	0.231313	0.797723	-1.25357	0.00429608	0.502898	-1.98847	4.14092	2.12483	0.456114	1
cg24578937	PRKCZ;PRKCZ;PRKCZ	0.0319954	0.282766	0.631204	-1.58427	0.0030286	5.33942	5.33942	0.235644	1.66926	1.66926	0.24177	0.603433	-1.65718	0.0907481	0.463829	-2.15596	0.20898	1.72631	1.72631	0.082042	2.21292	2.21292	0.248455	1.64439	1.64439	0.485211	0.746481	-1.33962	3.99409	10.7512	2.39269	1
cg11796233	PRKCZ;PRKCZ;PRKCZ	0.0357044	0.0432454	2.46398	2.46398	0.0164284	3.11796	3.11796	0.0228825	2.87444	2.87444	0.103026	1.99711	1.99711	0.103288	1.99587	1.99587	0.0115212	3.40609	3.40609	0.618084	1.21523	1.21523	0.0226192	2.88257	2.88257	0.0222713	2.89349	2.89349	3.83931	9.14599	2.11751	1
cg26910870	PRKCZ;PRKCZ;PRKCZ	0.035833	0.00540038	0.255637	-3.9118	0.938872	0.971838	-1.02898	0.118615	0.53207	-1.87945	0.857444	0.935224	-1.06926	0.0112652	0.30654	-3.26221	0.531046	0.789516	-1.2666	0.0173602	0.339927	-2.94181	0.572739	1.23649	1.23649	0.0659269	0.46373	-2.15643	3.8343	8.42421	1.95295	1
cg07836663	PRKCZ;PRKCZ;PRKCZ	0.0389421	0.0632859	2.05595	2.05595	0.251916	1.51136	1.51136	0.677566	0.86564	-1.15521	0.00776669	3.25312	3.25312	0.28567	0.682056	-1.46616	0.144217	1.71827	1.71827	0.123702	1.77775	1.77775	0.0170989	2.72652	2.72652	0.0313401	2.39047	2.39047	3.71961	7.01481	1.67635	1
cg16048006	PRKCZ;PRKCZ;PRKCZ	0.0480101	0.570039	0.903949	-1.10626	0.00719174	1.84108	1.84108	0.101269	1.37117	1.37117	0.150252	1.31166	1.31166	0.835863	0.964161	-1.03717	0.0439691	1.50265	1.50265	0.83496	1.03738	1.03738	0.114887	1.35202	1.35202	0.0120727	1.73427	1.73427	3.4407	1.68639	0.435672	1
cg10820926	PRKD1	0.000150329	0.00190811	0.300595	-3.32673	0.00504447	2.75612	2.75612	0.00838953	2.5107	2.5107	0.00323562	2.99818	2.99818	0.00118257	0.272451	-3.67039	0.367342	1.28808	1.28808	0.00130192	0.27798	-3.59738	0.000182778	5.6378	5.6378	0.0193181	2.16724	2.16724	19.8452	23.4888	1.05209	1
cg10793390	PRKD1	0.000881074	0.0101483	0.647769	-1.54376	0.000355489	2.155	2.155	0.151617	0.814055	-1.22842	0.0677334	0.760305	-1.31526	0.767316	0.961044	-1.04053	0.420309	1.11656	1.11656	0.00229106	1.76987	1.76987	0.745595	1.04456	1.04456	0.00100209	0.519904	-1.92343	12.1957	3.46374	0.252456	1
cg13732130	PRKD1	0.00125112	0.03924	1.36536	1.36536	0.183602	1.20222	1.20222	3.21E-05	0.347767	-2.87549	0.004065	0.604409	-1.65451	0.209951	0.841576	-1.18825	0.580527	0.929726	-1.07559	0.885123	0.981305	-1.01905	0.804926	0.968213	-1.03283	0.90625	0.984738	-1.0155	11.0394	2.97953	0.23991	1
ch.14.190588F	PRKD1	0.00351196	0.00037008	0.544998	-1.83487	0.0121599	0.716879	-1.39494	0.00556551	0.678501	-1.47384	0.387207	0.909919	-1.099	0.00562652	0.679034	-1.47268	0.00142995	0.611893	-1.63427	0.627574	0.949263	-1.05345	0.0240982	0.75089	-1.33175	0.164052	0.853721	-1.17134	8.16547	1.46699	0.159696	1
cg18350895	PRKD1	0.00428688	0.022612	0.509918	-1.9611	0.0344853	1.83743	1.83743	0.0121933	2.16098	2.16098	0.00652663	2.39161	2.39161	0.12038	0.659925	-1.51532	0.703944	1.09877	1.09877	0.252923	0.744829	-1.34259	0.00125564	3.19679	3.19679	0.24057	1.35408	1.35408	7.68994	7.4129	0.856865	1
cg16117273	PRKD1	0.00663884	0.00329992	0.202249	-4.94439	0.00149095	6.22747	6.22747	0.228977	1.6555	1.6555	0.101849	0.489165	-2.0443	0.103493	0.491144	-2.03606	0.211619	0.591292	-1.69121	0.701132	1.16647	1.16647	0.0711606	2.23633	2.23633	0.5633	0.791904	-1.26278	6.72509	16.9821	2.24461	1
cg10077239	PRKD1	0.0122965	0.0489254	0.429799	-2.32667	0.00816775	3.56537	3.56537	0.346942	1.43866	1.43866	0.0760991	0.476526	-2.09852	0.614301	0.826271	-1.21026	0.524389	1.27414	1.27414	0.00934174	3.44896	3.44896	0.0101431	3.37994	3.37994	0.42511	0.736472	-1.35783	5.52948	12.3511	1.9855	1
cg10318510	PRKD1	0.0126271	0.705186	0.95026	-1.05234	0.00363508	0.589685	-1.69582	0.260392	1.17067	1.17067	0.214046	1.19196	1.19196	0.39123	1.12515	1.12515	0.396894	0.890078	-1.1235	0.00760258	1.58528	1.58528	0.0105037	1.5407	1.5407	0.272822	1.16556	1.16556	5.48194	1.56433	0.253654	1
cg21794225	PRKD1	0.016307	0.00663334	0.254311	-3.93219	0.0389781	2.53101	2.53101	0.455026	1.34405	1.34405	0.992549	0.996378	-1.00363	0.0888426	0.482246	-2.07363	0.593665	0.811181	-1.23277	0.0786848	2.13583	2.13583	0.00661204	3.93548	3.93548	0.929413	1.03503	1.03503	5.03901	12.0508	2.12578	1
cg07133994	PRKD1	0.0238733	0.0373564	0.586303	-1.7056	0.0118692	2.0018	2.0018	0.0685939	0.63733	-1.56904	0.104265	0.675401	-1.4806	0.251293	0.767311	-1.30325	0.415957	0.832164	-1.20169	0.173749	1.37686	1.37686	0.0303472	1.7551	1.7551	0.766495	0.93631	-1.06802	4.4275	3.42415	0.687451	1
cg04961042	PRKD1	0.0248164	0.01038	0.239325	-4.17842	0.0721217	0.410979	-2.43321	0.00628285	0.206582	-4.84069	0.246769	0.584769	-1.71008	0.0065459	0.209117	-4.78202	0.130555	0.485135	-2.06128	0.0569219	0.385019	-2.59727	0.499583	0.738151	-1.35474	0.0152676	0.267226	-3.74214	4.36841	13.5777	2.7628	1
cg15917362	PRKD1	0.0316701	0.359342	0.76761	-1.30274	0.0917616	0.593946	-1.68366	0.00128182	0.267814	-3.73394	0.300983	0.740267	-1.35086	0.958741	1.01462	1.01462	0.87726	0.957556	-1.04432	0.0515177	1.86263	1.86263	0.696179	1.11641	1.11641	0.569821	0.851142	-1.17489	4.00871	4.99957	1.1086	1
cg03008851	PRKD1	0.0326103	0.097808	0.753635	-1.3269	0.00732443	1.71326	1.71326	0.237416	1.21257	1.21257	0.636914	0.928633	-1.07685	0.767156	1.04733	1.04733	0.994089	1.00115	1.00115	0.00600432	1.74914	1.74914	0.0840946	1.34666	1.34666	0.803161	0.961854	-1.03966	3.96694	1.52358	0.341395	1
cg15388974	PRKD1	0.0433705	0.040024	0.378277	-2.64357	0.00269377	0.182951	-5.46595	0.0393432	0.376628	-2.65514	0.927702	1.03787	1.03787	0.134624	0.516467	-1.93623	0.471256	0.740679	-1.35011	0.0551197	0.410361	-2.43688	0.0533238	0.406917	-2.4575	0.201615	0.575596	-1.73733	3.57442	9.49842	2.36207	1
cg13741406	PRKD2;PRKD2;PRKD2;PRKD2	0.000233261	0.0637729	1.63637	1.63637	0.383803	1.23497	1.23497	0.00498333	2.40707	2.40707	0.00354899	2.54432	2.54432	0.608243	1.12996	1.12996	0.542309	1.15693	1.15693	3.59E-06	13.0406	13.0406	0.149132	0.693779	-1.44138	0.00752346	2.25436	2.25436	17.6194	15.5854	0.786275	1
cg07523958	PRKD2;PRKD2;PRKD2;PRKD2	0.000502681	0.000904518	0.678256	-1.47437	0.0209308	1.24269	1.24269	0.240143	0.908307	-1.10095	0.888796	1.011	1.011	4.71E-05	0.548819	-1.8221	0.199065	1.11195	1.11195	0.579957	0.957228	-1.04468	0.00526098	1.33344	1.33344	0.226554	1.10438	1.10438	14.2693	1.38188	0.0860825	1
cg07101466	PRKD2;PRKD2;PRKD2;PRKD2	0.00160121	0.656711	1.077	1.077	0.0403681	1.48093	1.48093	0.0795588	0.724196	-1.38084	0.589137	0.913547	-1.09463	3.01E-05	0.258354	-3.87066	0.213201	0.804623	-1.24282	0.130467	1.31106	1.31106	0.974139	1.00539	1.00539	0.694352	1.06768	1.06768	10.2842	4.47897	0.387129	1
cg25326090	PRKD2;PRKD2;PRKD2;PRKD2	0.00387011	0.209995	1.06363	1.06363	0.0524637	0.90216	-1.10845	0.0246295	1.1331	1.1331	0.181239	1.06852	1.06852	0.0152028	0.87004	-1.14937	0.00106054	0.797709	-1.25359	0.0402726	1.11698	1.11698	0.937793	1.00365	1.00365	0.0193024	0.876229	-1.14125	7.93094	0.273838	0.0306913	1
cg26446070	PRKD2;PRKD2;PRKD2;PRKD2	0.00456701	0.000268169	0.352225	-2.83909	0.0376832	0.656604	-1.52299	0.841658	1.03552	1.03552	0.0521327	0.680115	-1.47034	0.00699409	0.544069	-1.838	0.0867207	0.718816	-1.39118	0.00858335	0.557112	-1.79497	0.0375446	0.656341	-1.5236	0.00541088	0.527915	-1.89425	7.5438	3.63811	0.428681	1
cg12163871	PRKD2;PRKD2;PRKD2;PRKD2	0.0047266	0.293086	1.37063	1.37063	0.0369553	2.01445	2.01445	0.341816	1.32726	1.32726	0.828474	0.939208	-1.06473	0.257546	0.710678	-1.40711	0.185466	0.666401	-1.5006	0.00013544	6.7525	6.7525	0.0789712	0.569025	-1.75739	0.864073	0.951678	-1.05078	7.46545	9.87905	1.17627	1
cg05884115	PRKD2;PRKD2;PRKD2;PRKD2	0.00487683	0.440898	0.91317	-1.09509	0.00144418	1.70261	1.70261	0.456716	0.916124	-1.09156	0.0751312	0.795296	-1.25739	0.27108	0.875966	-1.1416	0.0382	1.32002	1.32002	0.00115012	1.73709	1.73709	0.798727	1.02997	1.02997	0.0477281	1.29908	1.29908	7.39464	1.5644	0.188052	1
cg06889756	PRKD2;PRKD2;PRKD2;PRKD2	0.00511186	0.00141622	0.259717	-3.85034	0.0498021	0.520458	-1.92139	0.0229448	0.451995	-2.21241	0.00195215	0.278488	-3.59083	0.00079262	0.22774	-4.39097	0.0564384	0.532393	-1.87831	0.404384	0.779571	-1.28276	0.0656483	0.547201	-1.82748	0.0270874	0.465943	-2.14619	7.28916	9.83385	1.1992	1
cg21496096	PRKD2;PRKD2;PRKD2;PRKD2	0.00720115	0.12094	1.31559	1.31559	0.0230024	0.641792	-1.55814	0.0557768	0.702255	-1.42398	0.645512	1.07847	1.07847	0.0188774	0.628869	-1.59016	0.0758555	1.38021	1.38021	0.00869955	1.72515	1.72515	0.125502	0.763053	-1.31052	0.0151525	1.62684	1.62684	6.55688	2.76238	0.374485	1
cg08121478	PRKD2;PRKD2;PRKD2;PRKD2	0.0081771	0.000179937	0.309206	-3.23409	0.132023	0.740144	-1.35109	0.833866	1.03964	1.03964	0.144833	0.748364	-1.33625	0.335415	0.832042	-1.20186	0.27115	0.808915	-1.23622	0.167249	0.761456	-1.31327	0.0311729	0.626188	-1.59697	0.00813972	0.534179	-1.87203	6.30056	3.4191	0.48237	1
cg00340161	PRKD2;PRKD2;PRKD2;PRKD2	0.00891192	0.851006	0.96036	-1.04128	0.000321312	3.49771	3.49771	0.587534	1.12502	1.12502	0.354883	1.22718	1.22718	0.0249058	0.56318	-1.77563	0.163732	0.726383	-1.37668	0.546409	1.1403	1.1403	0.248777	1.29604	1.29604	0.302332	0.794662	-1.2584	6.13147	4.49306	0.651365	1
cg13971283	PRKD2;PRKD2;PRKD2;PRKD2	0.00934253	0.327425	0.86348	-1.1581	0.446176	0.893376	-1.11935	0.0543651	0.728349	-1.37297	0.00111248	0.497852	-2.00863	0.0114702	0.631761	-1.58288	0.862701	0.975181	-1.02545	0.128046	1.26983	1.26983	0.0321065	1.4398	1.4398	0.140884	0.794564	-1.25855	6.04025	2.01677	0.29679	1
cg10829227	PRKD2;PRKD2;PRKD2;PRKD2	0.011449	0.0746856	2.1072	2.1072	0.0066472	3.75185	3.75185	0.0710691	2.13184	2.13184	0.0689212	2.14721	2.14721	0.0422984	2.40623	2.40623	0.038146	2.46494	2.46494	0.00111301	6.06881	6.06881	0.00901731	3.47757	3.47757	0.0142193	3.11245	3.11245	5.65898	12.6313	1.98407	1
cg26591117	PRKD2;PRKD2;PRKD2;PRKD2	0.0129811	0.0999105	1.21481	1.21481	0.00309218	1.54798	1.54798	0.606395	0.945452	-1.05769	0.0116825	1.40507	1.40507	0.487568	1.07909	1.07909	0.0211216	1.34888	1.34888	0.0065361	1.46427	1.46427	0.597465	0.944109	-1.0592	0.0183371	1.36196	1.36196	5.43272	1.00225	0.163986	1
cg12541626	PRKD2;PRKD2;PRKD2;PRKD2	0.0258295	0.000774476	0.389757	-2.5657	0.042222	0.648325	-1.54244	0.152783	0.753078	-1.32788	0.56731	0.898457	-1.11302	0.131735	0.739846	-1.35163	0.477502	0.874808	-1.14311	0.0173538	0.584757	-1.71011	0.209428	0.782707	-1.27762	0.100331	0.716487	-1.3957	4.30796	2.34	0.482827	1
cg23842695	PRKD2;PRKD2;PRKD2;PRKD2	0.0393173	0.381341	0.883443	-1.13193	0.00276198	1.76802	1.76802	0.918746	0.986015	-1.01418	0.410521	1.12317	1.12317	0.0199718	1.47344	1.47344	0.454871	0.900269	-1.11078	0.0426644	1.38	1.38	0.52987	1.09181	1.09181	0.794222	1.03674	1.03674	3.70654	1.11829	0.268185	1
cg16601444	PRKD2;PRKD2;PRKD2;PRKD2	0.0459487	0.170278	1.28064	1.28064	0.131673	1.31735	1.31735	0.593375	1.09558	1.09558	0.130396	1.31874	1.31874	0.0234784	0.632315	-1.58149	0.336085	1.18293	1.18293	0.006296	1.82706	1.82706	0.643271	1.08219	1.08219	0.543878	0.901179	-1.10966	3.49805	1.58926	0.403846	1
cg22375559	PRKD3	0.00786178	0.0452741	0.70756	-1.41331	0.44176	0.888568	-1.12541	0.881876	0.977853	-1.02265	0.149211	1.26233	1.26233	0.342618	0.863063	-1.15866	0.565597	0.916237	-1.09142	0.000133122	0.36873	-2.71201	0.976988	1.00435	1.00435	0.751999	1.04891	1.04891	6.37902	2.29201	0.319382	1
cg09697978	PRKD3	0.00790316	0.412382	0.791199	-1.26391	0.186744	0.67631	-1.47861	0.0723234	0.570958	-1.75144	0.181029	0.67243	-1.48714	0.397834	0.785119	-1.27369	0.440022	0.802468	-1.24616	0.0021589	3.33157	3.33157	0.00176265	3.47322	3.47322	0.790538	0.928307	-1.07723	6.3685	7.87664	1.09939	1
cg24503957	PRKD3	0.0242094	0.446105	0.729647	-1.37053	0.0289661	0.351721	-2.84316	0.0506251	0.404967	-2.46934	0.101974	0.483621	-2.06774	0.00326724	0.196464	-5.09	0.0110282	0.274174	-3.64732	0.153477	0.537799	-1.85943	0.761619	0.883841	-1.13143	0.00889733	0.258999	-3.86101	4.40612	11.4937	2.31874	1
cg21247948	PRKD3	0.0361621	0.0237508	0.342191	-2.92235	0.675961	1.18178	1.18178	0.974738	1.01266	1.01266	0.317846	0.663497	-1.50717	0.00400726	0.215154	-4.64783	0.60431	0.812441	-1.23086	0.0377853	0.383981	-2.6043	0.0975659	2.05912	2.05912	0.341779	0.677605	-1.47579	3.82159	9.5547	2.22239	1
cg07671644	PRKD3	0.0437085	0.0201825	0.155609	-6.42636	0.212764	0.418359	-2.39029	0.692618	1.30192	1.30192	0.379967	0.549881	-1.81858	0.0261434	0.173371	-5.76796	0.396697	0.561963	-1.77948	0.00764167	0.102575	-9.74892	0.538895	1.51155	1.51155	0.026327	0.173877	-5.7512	3.56409	24.891	6.20785	1
cg11882144	PRKDC;MCM4;MCM4;PRKDC	0.0359941	0.522665	1.187	1.187	0.130659	0.649267	-1.5402	0.103422	0.624199	-1.60205	0.26663	1.35833	1.35833	0.468773	1.21536	1.21536	0.00436492	0.365107	-2.73892	0.287439	1.33945	1.33945	0.55769	0.854798	-1.16987	0.021797	0.482643	-2.07192	3.82806	4.24494	0.985689	1
cg02136250	PRKDC;PRKDC	0.000410129	0.188368	0.844992	-1.18344	0.253362	1.15506	1.15506	0.251893	0.865334	-1.15562	0.137045	1.21354	1.21354	0.000871641	1.82847	1.82847	0.0268575	0.728446	-1.37279	0.000385858	0.50442	-1.98248	0.820998	0.972986	-1.02776	8.72E-05	0.427263	-2.34048	15.0957	3.49123	0.205576	1
cg17496794	PRKDC;PRKDC	0.00236094	0.4846	1.11253	1.11253	0.184826	1.2351	1.2351	0.909034	0.982986	-1.01731	0.368162	1.14887	1.14887	0.360444	0.868351	-1.15161	0.0207207	0.658271	-1.51913	0.000125329	0.366714	-2.72692	0.138881	1.27021	1.27021	0.00321021	0.546691	-1.82919	9.18525	3.27927	0.317347	1
cg23109897	PRKDC;PRKDC	0.00405154	0.00163283	0.216104	-4.6274	0.00429521	0.27347	-3.65671	0.0955409	0.537041	-1.86205	0.0784588	0.514978	-1.94183	0.00809891	0.316262	-3.16194	0.0598791	0.48636	-2.05609	0.000726847	0.174709	-5.72381	0.00552415	0.289925	-3.44917	0.00991555	0.33087	-3.02233	7.82223	14.2802	1.62275	1
cg02895394	PRKDC;PRKDC	0.0160634	0.0243251	0.740632	-1.3502	0.00133909	1.6845	1.6845	0.735225	0.962741	-1.0387	0.524359	0.930371	-1.07484	0.494242	0.925286	-1.08075	0.739234	0.96332	-1.03808	0.0295435	1.33194	1.33194	0.219215	0.865421	-1.15551	0.606653	0.94356	-1.05982	5.06433	1.0037	0.176169	1
cg22338356	PRKDC;PRKDC	0.0179473	0.360198	0.723344	-1.38247	0.0635528	2.05074	2.05074	0.15945	1.67806	1.67806	0.148669	1.70457	1.70457	0.00107883	0.189762	-5.26976	0.315916	0.699775	-1.42903	0.356344	0.721353	-1.38628	0.188159	1.61627	1.61627	0.798146	1.09224	1.09224	4.87994	9.16131	1.66875	1
cg17209887	PRKDC;PRKDC	0.0221895	0.563119	0.845255	-1.18308	0.190265	0.671047	-1.49021	0.00638596	0.360366	-2.77496	0.022787	0.456716	-2.18955	0.109363	0.605293	-1.65209	0.323921	1.34042	1.34042	0.689097	0.890781	-1.12261	0.452698	1.24608	1.24608	0.0031304	0.312925	-3.19565	4.54055	5.94745	1.16431	1
cg27320734	PRKDC;PRKDC	0.0288389	0.861237	1.07805	1.07805	0.113398	0.477143	-2.09581	0.0284629	0.329369	-3.03611	0.320918	0.643726	-1.55346	0.149712	0.515107	-1.94134	0.179981	0.542473	-1.84341	0.0053837	0.207243	-4.82525	0.781785	1.12667	1.12667	0.00312843	0.176336	-5.671	4.14438	12.1091	2.59716	1
cg04024910	PRKDC;PRKDC	0.0433995	0.0246896	0.311604	-3.2092	0.0265572	0.317876	-3.14588	0.0752419	0.421674	-2.3715	0.43065	0.704217	-1.42002	0.0391116	0.353151	-2.83165	0.066005	0.406928	-2.45744	0.0243461	0.310412	-3.22153	0.926335	1.04114	1.04114	0.0115616	0.252432	-3.96146	3.57353	10.756	2.67547	1
cg01286191	PRKDC;PRKDC	0.0493607	0.0706287	1.54927	1.54927	0.543658	0.875291	-1.14248	0.387407	0.825326	-1.21164	0.610531	1.11774	1.11774	0.0115818	0.504579	-1.98185	0.0682427	0.642475	-1.55648	0.0712024	1.54758	1.54758	0.163324	1.38044	1.38044	0.861402	0.96284	-1.03859	3.40473	2.53205	0.661054	1
cg22899538	PRKG1	6.39E-05	0.46976	0.938605	-1.06541	1.71E-06	0.356241	-2.80709	0.848924	0.983704	-1.01657	0.335392	1.08936	1.08936	0.0105827	1.31918	1.31918	0.00050163	0.625718	-1.59816	0.00058462	0.632575	-1.58084	0.130999	0.868934	-1.15084	0.173674	0.882752	-1.13282	24.9477	2.93293	0.104501	1
cg04004590	PRKG1	7.01E-05	0.0290687	0.635311	-1.57403	0.706393	0.935442	-1.06901	0.00178439	0.456535	-2.19041	0.00110424	0.428235	-2.33517	0.000215959	0.336642	-2.97052	0.00568229	0.52744	-1.89595	8.03E-06	0.178727	-5.59513	0.000671904	2.50263	2.50263	0.0073089	0.543386	-1.84031	24.3397	11.9875	0.437785	1
cg00099869	PRKG1	0.000508627	0.63953	1.06603	1.06603	0.0740338	1.30977	1.30977	0.672644	1.05929	1.05929	0.0739873	1.30984	1.30984	0.653192	1.06322	1.06322	0.602318	1.07386	1.07386	0.246851	0.848633	-1.17837	4.79E-06	4.12798	4.12798	0.0431258	1.37079	1.37079	14.2228	4.1383	0.258633	1
cg24524694	PRKG1	0.00152348	0.778818	1.08702	1.08702	0.000115746	0.134954	-7.40993	0.0393077	0.493295	-2.02719	0.874398	0.954202	-1.048	0.0750028	0.555656	-1.79967	0.00788077	0.364148	-2.74613	0.00109324	0.239902	-4.16837	0.0428354	0.501163	-1.99536	0.00128591	0.248925	-4.01727	10.4328	14.5114	1.23639	1
cg13719243	PRKG1	0.00942967	0.659907	0.93769	-1.06645	0.367737	0.874222	-1.14387	0.872355	1.02364	1.02364	0.985636	1.00262	1.00262	0.950399	0.991003	-1.00908	0.498933	0.905086	-1.10487	0.00021231	0.406882	-2.45772	0.895867	1.01921	1.01921	0.0224031	1.48806	1.48806	6.02243	2.01331	0.297158	1
cg19219423	PRKG1	0.0174169	0.781933	1.1094	1.1094	0.0326728	0.392503	-2.54775	0.100172	0.509694	-1.96196	0.0253337	0.369833	-2.70392	0.0226131	0.360089	-2.77709	0.00279672	0.214069	-4.67139	0.0721605	0.471947	-2.11888	0.0057098	0.257668	-3.88096	0.0627378	0.456806	-2.18911	4.92933	10.9289	1.97077	1
cg01200186	PRKG1	0.0355191	0.62923	0.85909	-1.16402	0.0552811	0.507476	-1.97054	0.0251206	0.435335	-2.29708	0.403628	0.765821	-1.30579	0.00210158	0.259567	-3.85964	0.653059	0.868261	-1.15173	0.0386794	0.473525	-2.11182	0.182623	0.643042	-1.55511	0.0303516	0.45172	-2.21376	3.84656	5.93764	1.37211	1
cg05396900	PRKG1	0.0390524	0.619503	0.919973	-1.08699	0.00177947	2.09855	2.09855	0.203197	1.25085	1.25085	0.879374	0.975012	-1.02563	0.930487	0.985567	-1.01464	0.644476	1.0805	1.0805	0.0392105	0.671938	-1.48823	0.227699	1.23492	1.23492	0.923529	1.01613	1.01613	3.71575	1.63401	0.390892	1
cg22611504	PRKG1	0.0476242	0.168487	0.715328	-1.39796	0.456059	1.18923	1.18923	0.279943	0.773813	-1.2923	0.579576	0.880066	-1.13628	0.00593023	0.439719	-2.27418	0.878941	0.965802	-1.03541	0.0439171	0.589396	-1.69665	0.0702698	1.58718	1.58718	0.304885	1.27452	1.27452	3.4512	2.84894	0.73377	1
cg07934217	PRKG1;PRKG1	0.000109303	0.960459	1.0047	1.0047	0.0241792	1.28974	1.28974	0.83771	1.0196	1.0196	0.267474	1.11556	1.11556	0.233575	0.888495	-1.1255	0.0104266	1.35701	1.35701	0.00928252	0.731631	-1.36681	1.61E-06	3.13581	3.13581	0.727322	1.03369	1.03369	21.6196	3.06846	0.12616	1
cg13792641	PRKG1;PRKG1	0.000327643	0.0167603	0.581412	-1.71995	0.0721735	0.688823	-1.45175	0.702981	0.931311	-1.07376	0.0223224	0.601333	-1.66297	0.00172692	0.435857	-2.29433	0.000305452	0.336389	-2.97275	9.22E-05	0.273405	-3.65758	0.00128985	2.38978	2.38978	0.0246262	0.608268	-1.64401	16.0576	8.77509	0.485756	1
cg15885786	PRKG1;PRKG1	0.00123123	0.502112	0.846569	-1.18124	0.0346227	0.547518	-1.82642	0.0431121	0.566079	-1.76654	0.0179885	0.495164	-2.01953	0.184627	0.708883	-1.41067	0.00626314	0.418536	-2.38928	2.27E-05	0.125647	-7.95878	0.192343	0.713613	-1.40132	0.0027454	0.363992	-2.74731	11.0901	10.5016	0.841722	1
cg05131940	PRKG1;PRKG1	0.00221432	0.00453999	0.435407	-2.2967	0.0199875	0.539295	-1.85427	0.0174196	0.529059	-1.89015	0.00597857	0.453724	-2.20398	0.00875161	0.479768	-2.08434	0.000333635	0.279992	-3.57154	0.000738776	0.323926	-3.08713	0.0056028	0.449368	-2.22535	0.102792	0.67533	-1.48076	9.3595	7.16954	0.680905	1
cg11229663	PRKG1;PRKG1	0.00234884	0.845995	1.06385	1.06385	0.000120773	0.117891	-8.48244	0.903096	0.961974	-1.03953	0.712067	1.12524	1.12524	0.0338283	0.454443	-2.2005	0.0314737	0.447985	-2.23222	0.00132007	0.226008	-4.42462	0.48957	1.25034	1.25034	0.0192945	0.406256	-2.4615	9.19913	14.7597	1.4262	1
cg26332926	PRKG1;PRKG1	0.0042027	0.0272696	0.473607	-2.11146	0.0046323	2.93778	2.93778	0.706279	0.897349	-1.11439	0.346015	1.32001	1.32001	0.0612431	0.546965	-1.82827	0.0179586	2.27652	2.27652	0.00516799	0.347758	-2.87557	0.0102057	2.52589	2.52589	0.754645	0.914216	-1.09383	7.7362	10.0279	1.15221	1
cg09141623	PRKG1;PRKG1	0.0048342	0.113754	1.32278	1.32278	0.0267407	0.652666	-1.53218	0.0198278	0.633008	-1.57976	0.00298077	0.51562	-1.93941	0.0753697	0.724812	-1.37967	0.931231	1.01413	1.01413	0.00381475	0.530362	-1.88551	0.737354	0.946753	-1.05624	0.00127946	0.466053	-2.14568	7.41446	3.10341	0.372055	1
cg24609819	PRKG1;PRKG1	0.006699	0.00746445	0.372416	-2.68517	0.000339097	0.190959	-5.23672	0.634262	1.14731	1.14731	0.503259	0.823015	-1.21505	0.00531822	0.348867	-2.86642	0.293823	0.731816	-1.36646	0.041659	0.509987	-1.96084	0.89093	1.04012	1.04012	0.0938796	0.58966	-1.69589	6.70626	8.73252	1.15746	1
cg08291907	PRKG1;PRKG1	0.00788572	0.990367	1.0016	1.0016	0.0132452	0.665304	-1.50307	0.00951493	0.646614	-1.54652	0.451623	1.10716	1.10716	0.0265407	0.705376	-1.41768	0.00230995	0.568295	-1.75965	0.530737	0.919162	-1.08795	0.198021	1.19793	1.19793	0.00517852	0.612687	-1.63215	6.37292	1.7784	0.24805	1
cg05199084	PRKG1;PRKG1	0.0081516	0.585686	1.11956	1.11956	0.00104691	0.369634	-2.70538	0.0117963	0.524532	-1.90646	0.44582	0.852607	-1.17287	0.640236	0.907937	-1.1014	0.0616016	1.54033	1.54033	0.062301	1.53811	1.53811	0.0727449	0.663154	-1.50795	0.0539992	0.638401	-1.56641	6.30676	4.20508	0.592674	1
cg08751451	PRKG1;PRKG1	0.00869827	0.011862	0.338826	-2.95137	0.00840885	0.313581	-3.18897	0.271468	0.674062	-1.48354	0.757812	0.898915	-1.11245	0.000784485	0.173871	-5.7514	0.791772	0.912867	-1.09545	0.0945936	0.530968	-1.88335	0.123916	1.7755	1.7755	0.0277562	0.408084	-2.45047	6.17879	11.6167	1.67119	1
cg04335523	PRKG1;PRKG1	0.0111703	0.840456	0.968264	-1.03278	0.010509	0.597397	-1.67393	0.00903383	0.588016	-1.70063	0.45044	1.13093	1.13093	0.296941	0.841119	-1.18889	0.635173	1.07947	1.07947	0.00360868	1.87834	1.87834	0.955372	1.00899	1.00899	0.0371224	0.678945	-1.47287	5.7042	2.31281	0.360407	1
cg14731413	PRKG1;PRKG1	0.0131908	0.453328	0.630882	-1.58508	0.00075505	21.7632	21.7632	0.0159187	0.168602	-5.93112	0.119036	2.77372	2.77372	0.611755	0.734434	-1.36159	0.705688	1.25707	1.25707	0.883359	1.09256	1.09256	0.431506	1.62274	1.62274	0.083234	3.17839	3.17839	5.40435	31.1226	5.11894	1
cg05867154	PRKG1;PRKG1	0.0139593	0.494884	0.790508	-1.26501	0.232332	1.52932	1.52932	0.247539	1.5069	1.5069	0.0656979	2.01479	2.01479	0.909641	0.962226	-1.03926	0.000901581	5.39131	5.39131	0.204008	0.634654	-1.57566	0.0070806	3.25532	3.25532	0.738849	0.892724	-1.12017	5.30496	9.66525	1.61949	1
cg02923516	PRKG1;PRKG1	0.0197072	0.090473	0.798567	-1.25224	0.00755169	1.51355	1.51355	0.458372	1.09533	1.09533	0.159846	1.19854	1.19854	0.0104903	0.678143	-1.47462	0.557412	0.930951	-1.07417	0.0226968	1.38945	1.38945	0.926233	0.988895	-1.01123	0.636037	1.05917	1.05917	4.72818	1.08886	0.204704	1
cg26337884	PRKG1;PRKG1	0.0232072	0.0424083	0.752756	-1.32845	0.673406	1.05286	1.05286	0.524391	1.08154	1.08154	0.571933	1.07187	1.07187	0.000564962	0.522411	-1.9142	0.381052	0.896574	-1.11536	0.965566	0.994768	-1.00526	0.517812	1.08293	1.08293	0.931076	1.01057	1.01057	4.47101	1.04554	0.207866	1
cg00517202	PRKG1;PRKG1	0.0334061	0.0117873	0.42528	-2.35139	0.184944	0.68236	-1.4655	0.0349309	0.51265	-1.95065	0.0440641	0.533173	-1.87556	0.852355	0.950614	-1.05195	0.379631	1.27763	1.27763	0.0401419	1.90532	1.90532	0.223477	1.41579	1.41579	0.794367	0.931456	-1.07359	3.93272	4.60269	1.04032	1
cg27125304	PRKG1;PRKG1	0.038103	0.0598222	0.482819	-2.07117	0.0105561	0.331896	-3.01299	0.0832865	0.518216	-1.9297	0.332305	0.709701	-1.40904	0.0119546	0.34121	-2.93074	0.0593923	0.482077	-2.07436	0.0198667	0.381374	-2.6221	0.061974	0.48647	-2.05563	0.0258635	0.403708	-2.47704	3.74942	6.98054	1.6549	1
cg17079497	PRKG1;PRKG1	0.0400061	0.284652	0.778963	-1.28376	0.854419	1.04215	1.04215	0.350445	0.805731	-1.24111	0.727596	1.08177	1.08177	0.810207	1.05556	1.05556	0.000745174	0.316496	-3.1596	0.526253	1.15526	1.15526	0.529275	1.15401	1.15401	0.4643	0.845862	-1.18223	3.68293	2.94648	0.711145	1
cg23828595	PRKG1;PRKG1	0.0433021	0.73313	0.867538	-1.15269	0.0256154	3.00692	3.00692	0.325404	0.655996	-1.5244	0.456699	1.36986	1.36986	0.25436	0.610089	-1.6391	0.31502	0.649626	-1.53935	0.393228	0.695505	-1.4378	0.00415018	4.93034	4.93034	0.274839	1.60273	1.60273	3.57652	9.76424	2.42675	1
cg09361367	PRKG1;PRKG1	0.0451454	0.0209347	0.36253	-2.75839	0.21861	0.623429	-1.60403	0.231699	0.632498	-1.58103	0.00489825	0.256245	-3.90252	0.283842	0.665915	-1.50169	0.00894417	0.296915	-3.36797	0.744221	0.887315	-1.127	0.233001	0.633383	-1.57882	0.0654171	0.469916	-2.12804	3.52127	7.43703	1.87736	1
cg18426054	PRKG1;PRKG1;CSTF2T	0.0254853	0.246803	2.16459	2.16459	0.0622752	0.262313	-3.81225	0.120818	2.92346	2.92346	0.26444	2.09948	2.09948	0.00351626	0.0801503	-12.4766	0.443666	1.64542	1.64542	0.815395	0.861457	-1.16082	0.816341	0.86213	-1.15992	0.0217258	0.172594	-5.79394	4.32816	27.8718	5.72412	1
cg11478495	PRKG1;PRKG1;MIR605	0.000215788	0.282742	0.752289	-1.32928	9.30E-05	0.168981	-5.91782	0.117741	1.54221	1.54221	0.824651	1.05822	1.05822	0.616817	0.879284	-1.13729	0.74706	0.920791	-1.08602	3.06E-05	0.125279	-7.98217	0.766135	1.07903	1.07903	0.00014571	0.188758	-5.29778	17.9963	18.5352	0.915506	1
cg07757454	PRKG2	0.000110216	0.800996	1.01694	1.01694	0.0663556	0.872022	-1.14676	9.26E-05	0.628782	-1.59038	0.00391686	0.772431	-1.29461	1.85E-05	0.559675	-1.78675	0.357123	0.93896	-1.06501	0.00494688	0.780737	-1.28084	0.704	0.974935	-1.02571	2.15E-05	0.566447	-1.76539	21.5714	1.51094	0.0622611	1
cg12977791	PRKG2	0.00116051	0.00193163	0.434381	-2.30213	0.0143145	0.563309	-1.77522	0.0642252	0.673567	-1.48463	0.0812568	0.692614	-1.44381	0.000176949	0.298817	-3.34653	0.220729	1.27717	1.27717	0.0571645	1.5052	1.5052	0.0654503	1.48132	1.48132	0.00689431	0.51444	-1.94386	11.2789	6.45079	0.508385	1
cg07938847	PRKG2	0.00282774	0.00603695	0.20033	-4.99175	0.0152772	0.263127	-3.80044	0.0555436	0.378099	-2.64481	0.0124699	0.248191	-4.02916	0.000388993	0.079228	-12.6218	0.0170454	0.271492	-3.68334	0.000480459	0.0858242	-11.6517	0.337632	0.642044	-1.55753	0.0231908	0.296243	-3.37561	8.70952	27.7159	2.82867	1
cg01066808	PRKG2	0.00452259	0.00496694	0.284715	-3.51228	0.91329	0.963876	-1.03748	0.110274	0.555492	-1.80021	0.596391	1.19786	1.19786	0.000390522	0.14816	-6.74947	0.792781	0.914909	-1.09301	0.00383502	0.268074	-3.73031	0.151114	0.594724	-1.68145	0.00580776	0.295117	-3.38849	7.56621	13.6725	1.60627	1
cg19702771	PRKG2	0.0119934	0.0039205	0.179138	-5.5823	0.000706083	0.10162	-9.84061	0.259565	0.593945	-1.68366	0.117611	0.47104	-2.12296	0.0127431	0.253877	-3.93891	0.177192	0.529765	-1.88763	0.0260877	0.310528	-3.22032	0.177549	0.530076	-1.88652	0.0770388	0.418582	-2.38902	5.5745	17.3228	2.76223	1
cg16744741	PRKG2	0.0380652	0.185341	0.495314	-2.01892	0.950378	1.03162	1.03162	0.962459	0.976731	-1.02382	0.0783833	2.65923	2.65923	0.0302155	0.279519	-3.57758	0.155064	2.14073	2.14073	0.0262112	3.74026	3.74026	0.0234805	3.87166	3.87166	0.450544	0.680752	-1.46896	3.75078	14.8633	3.52241	1
cg09890200	PRKRA;DFNB59;PRKRA;PRKRA;MIR548N	0.00616651	0.105759	1.36832	1.36832	0.638724	0.919505	-1.08754	0.032424	1.55962	1.55962	0.0105457	1.77006	1.77006	0.753051	1.05761	1.05761	0.836303	0.963948	-1.0374	0.0102757	0.563262	-1.77537	0.00362893	0.497324	-2.01076	0.0285468	0.632202	-1.58177	6.88072	3.43221	0.443392	1
cg03724445	PRKRA;DFNB59;PRKRA;PRKRA;MIR548N	0.0146553	0.942499	1.00804	1.00804	0.28161	1.13233	1.13233	0.131279	1.19836	1.19836	0.000486714	0.544874	-1.83529	0.0948775	1.22613	1.22613	0.22127	1.1535	1.1535	0.378375	0.904494	-1.10559	0.820229	1.0256	1.0256	0.835094	0.977114	-1.02342	5.22064	1.01994	0.173659	1
cg05106421	PRKRA;MIR548N;DFNB59	5.18E-05	0.167321	1.21419	1.21419	4.18E-05	0.357542	-2.79687	0.000464769	0.483879	-2.06663	0.00486615	0.611271	-1.63594	0.0512573	1.33999	1.33999	0.0495601	0.744222	-1.34368	1.39E-05	3.30476	3.30476	0.124586	0.803134	-1.24512	0.0614783	0.757475	-1.32017	26.3789	7.26285	0.244736	1
cg27480241	PRKRA;MIR548N;PRKRA;PRKRA	0.00715362	0.0173818	0.378799	-2.63993	0.827692	0.929542	-1.0758	0.0788515	0.519908	-1.92342	0.340592	0.719518	-1.38982	0.000395305	0.150886	-6.62751	0.00915546	0.329757	-3.03254	0.0354228	0.44003	-2.27257	0.706592	0.880952	-1.13514	0.00524693	0.291117	-3.43504	6.57046	11.6904	1.58154	1
cg05781893	PRKRA;MIR548N;PRKRA;PRKRA	0.027471	0.166072	0.599314	-1.66857	0.448759	1.30682	1.30682	0.112	1.82198	1.82198	0.296062	0.686879	-1.45586	0.00431998	0.266477	-3.75266	0.391089	0.737403	-1.35611	0.00901615	0.316354	-3.16102	0.287436	1.46651	1.46651	0.298352	0.68819	-1.45309	4.21599	8.02394	1.69175	1
cg27431781	PRKRA;MIR548N;PRKRA;PRKRA	0.0329081	0.635869	1.12069	1.12069	0.00287167	0.375406	-2.66378	0.0685385	0.61439	-1.62763	0.615184	0.885955	-1.12873	0.628506	0.890052	-1.12353	0.0540677	0.593119	-1.686	0.130598	0.677038	-1.47702	0.383533	1.23797	1.23797	0.015073	0.489864	-2.04138	3.95401	3.57416	0.803495	1
cg14386946	PRKRA;PRKRA;MIR548N;PRKRA;PRKRA;DFNB59	0.0038423	0.886547	0.984134	-1.01612	0.016237	1.39004	1.39004	0.0771341	1.2463	1.2463	0.134425	1.1982	1.1982	0.461008	0.919358	-1.08772	0.0306518	1.32908	1.32908	0.000420798	0.534623	-1.87048	0.780433	1.0318	1.0318	0.0151064	1.39723	1.39723	7.94817	1.57994	0.176694	1
cg00534253	PRKRA;PRKRA;PRKRA;MIR548N;DFNB59	0.00448627	0.338386	1.11806	1.11806	0.00161895	1.66689	1.66689	0.417757	1.09816	1.09816	0.474037	0.920966	-1.08582	0.209362	0.861039	-1.16139	0.127076	1.20513	1.20513	0.000668044	0.555018	-1.80174	0.0935593	0.811763	-1.23189	0.698833	1.04494	1.04494	7.58475	1.53596	0.180006	1
cg06226973	PRKRA;PRKRA;PRKRA;MIR548N;DFNB59	0.0434256	0.170759	0.73389	-1.3626	0.743264	0.932659	-1.0722	0.980266	0.994767	-1.00526	0.00747553	0.481677	-2.07608	0.0254367	0.569281	-1.7566	0.0370139	0.598267	-1.67149	0.568509	1.13004	1.13004	0.146616	1.39164	1.39164	0.47886	1.16498	1.16498	3.57273	2.54588	0.63341	1
cg21446511	PRKRA;PRKRA;PRKRA;MIR548N;DFNB59;DFNB59	0.0001377	0.269007	0.896778	-1.1151	4.93E-06	2.68092	2.68092	0.0144594	1.33005	1.33005	0.000350995	1.72229	1.72229	0.209855	1.13323	1.13323	0.137328	1.16352	1.16352	0.246249	1.1216	1.1216	0.000126004	1.88109	1.88109	0.0195095	1.30626	1.30626	20.3198	2.88239	0.12609	1
cg25074023	PRKRA;PRKRA;PRKRA;MIR548N;DFNB59;DFNB59	0.0040801	0.984185	1.0032	1.0032	0.00420734	1.85558	1.85558	0.00307656	1.92227	1.92227	0.000476032	2.42224	2.42224	0.954895	1.00916	1.00916	0.453727	1.13098	1.13098	0.186635	0.797898	-1.25329	0.00982088	1.69282	1.69282	0.187949	1.25235	1.25235	7.80568	3.21543	0.366164	1
cg23927983	PRKRA;PRKRA;PRKRA;PRKRA;MIR548N;DFNB59	0.0162993	0.0268104	1.52543	1.52543	0.87417	0.974809	-1.02584	0.884608	0.976893	-1.02365	0.0511159	0.699348	-1.4299	0.0112793	0.599933	-1.66685	0.0118373	0.602962	-1.65848	0.00867714	0.583606	-1.71349	0.656894	1.07463	1.07463	0.738598	0.947512	-1.0554	5.03981	2.06862	0.36485	1
cg14807549	PRKRA;PRKRA;PRKRA;PRKRA;MIR548N;DFNB59	0.0408923	0.0286858	0.51834	-1.92923	0.0217492	2.01646	2.01646	0.774199	0.929377	-1.07599	0.430726	1.22726	1.22726	0.0196532	0.487906	-2.04957	0.663984	1.11772	1.11772	0.215219	1.39398	1.39398	0.951437	0.984612	-1.01563	0.107928	1.56304	1.56304	3.65328	3.75122	0.912717	1
cg23835967	PRKRIP1	0.000139498	0.000442613	0.420241	-2.37959	3.86E-06	0.185981	-5.3769	0.000990543	0.465404	-2.14867	0.745384	1.05225	1.05225	0.0841236	1.34808	1.34808	0.0404514	0.690804	-1.44759	0.0898443	0.746594	-1.33942	0.341338	0.857919	-1.16561	0.511278	1.10974	1.10974	20.2489	7.83404	0.343899	1
cg27553708	PRKRIP1	0.00802145	0.0845886	0.659877	-1.51543	0.185318	0.736314	-1.35812	0.0130914	0.51137	-1.95553	0.00230105	0.395196	-2.53039	0.0441982	0.604256	-1.65493	0.915497	1.0234	1.0234	0.00128971	0.359842	-2.779	0.0431019	0.602205	-1.66056	0.237873	1.30923	1.30923	6.33881	4.76762	0.668562	1
cg16910911	PRKRIP1	0.0384802	0.00130445	0.403629	-2.47752	0.652009	0.915781	-1.09196	0.724265	0.933663	-1.07105	0.0400373	0.631353	-1.5839	0.117644	0.719408	-1.39003	0.162481	0.749022	-1.33507	0.0390285	0.629415	-1.58878	0.159775	0.747431	-1.33792	0.940182	0.985561	-1.01465	3.73592	2.22219	0.528726	1
cg10913726	PRKRIP1;PRKRIP1	0.00190057	0.00752109	0.312175	-3.20333	0.734185	0.89105	-1.12227	0.00912562	0.325962	-3.06784	0.93123	0.97121	-1.02964	0.818305	1.08099	1.08099	0.96405	1.01537	1.01537	3.29E-05	0.0652732	-15.3202	0.529909	0.806244	-1.24032	0.148193	0.591572	-1.69041	9.78607	17.7539	1.61263	1
cg04358923	PRKRIR	4.62E-05	0.584397	1.04058	1.04058	4.78E-06	0.470711	-2.12445	0.000109536	0.612294	-1.6332	0.715309	0.973966	-1.02673	0.109891	0.882059	-1.13371	3.76E-05	0.565439	-1.76854	0.000107758	0.611591	-1.63508	0.29383	0.924581	-1.08157	0.000978076	0.702493	-1.4235	27.1915	2.23334	0.0730078	1
cg24134935	PRKRIR	0.000966355	0.825746	1.02794	1.02794	0.000260197	0.472042	-2.11845	7.67E-05	0.408407	-2.44854	0.198736	0.843894	-1.18498	0.0468099	0.752431	-1.32903	0.210775	0.848068	-1.17915	0.00405912	0.617449	-1.61957	0.267932	1.15514	1.15514	0.0153164	0.689328	-1.45069	11.8812	2.93906	0.219885	1
cg01132139	PRKRIR	0.00115768	0.978795	1.00229	1.00229	0.0623281	0.834803	-1.19789	0.610118	0.95671	-1.04525	0.182141	0.885269	-1.1296	0.36774	0.923466	-1.08288	0.853313	0.984198	-1.01606	1.91E-05	2.11214	2.11214	0.125896	0.867173	-1.15317	0.64993	0.961442	-1.0401	11.2868	1.32385	0.104259	1
cg04544938	PRKRIR	0.00688053	0.925864	0.955449	-1.04663	0.00948509	4.99997	4.99997	0.00569256	5.90493	5.90493	0.00101136	0.0917812	-10.8955	0.309878	1.6729	1.6729	0.135144	2.20047	2.20047	0.798373	0.882189	-1.13354	0.427678	1.48667	1.48667	0.78434	1.14377	1.14377	6.6507	25.2567	3.37564	1
cg02430902	PRKRIR	0.00861539	0.00133614	0.172042	-5.81254	0.699887	1.15741	1.15741	0.0363993	0.399316	-2.50428	0.927274	1.03506	1.03506	0.0945424	0.499777	-2.00089	0.958141	0.980385	-1.02001	0.00218252	0.197433	-5.06502	0.533195	0.788043	-1.26897	0.00552802	0.252536	-3.95983	6.19754	13.9819	2.00537	1
cg00385596	PRKRIR	0.00968849	0.00240009	0.321169	-3.11362	0.41253	0.798533	-1.2523	0.0916915	0.607348	-1.6465	0.475698	0.823031	-1.21502	0.000933098	0.265367	-3.76836	0.0281938	0.498615	-2.00555	0.0202698	0.471618	-2.12036	0.554781	0.851784	-1.17401	0.0123894	0.433461	-2.30701	5.97068	6.81874	1.01515	1
cg25772738	PRKRIR	0.0157824	0.881021	0.965841	-1.03537	0.709357	0.916784	-1.09077	0.00548139	0.428487	-2.3338	0.869437	1.03891	1.03891	0.015504	0.502076	-1.99173	0.0013918	0.341306	-2.92992	0.380227	1.23229	1.23229	0.923027	0.977822	-1.02268	0.122652	0.678291	-1.47429	5.09413	4.34471	0.75812	1
cg12354321	PRKRIR	0.0377174	0.149027	0.546083	-1.83122	0.0771945	0.463871	-2.15577	0.994443	0.997281	-1.00273	0.359834	0.692076	-1.44493	0.0289437	0.365396	-2.73675	0.0132623	0.301222	-3.31981	0.0173774	0.32227	-3.10299	0.0054433	0.239396	-4.17718	0.306785	0.661239	-1.51231	3.76339	9.11007	2.15174	1
cg20461541	PRKRIR	0.0423003	0.134107	1.27792	1.27792	0.00430753	1.78494	1.78494	0.241972	0.83036	-1.2043	0.581477	1.08818	1.08818	0.354857	1.15543	1.15543	0.0065371	1.70973	1.70973	0.871358	0.9757	-1.0249	0.857521	1.02765	1.02765	0.426653	1.13112	1.13112	3.60778	1.31656	0.324375	1
cg17868751	PRKX	0.000128151	0.000107205	8.87897	8.87897	0.060974	1.96385	1.96385	0.173629	1.58829	1.58829	0.00134209	4.43378	4.43378	0.0320882	0.44824	-2.23095	9.64E-05	9.17866	9.17866	8.15E-05	9.68559	9.68559	0.000213928	7.21285	7.21285	0.00574751	3.18006	3.18006	20.7162	33.511	1.43789	1
cg07501063	PRKX	0.000290472	0.126769	0.746053	-1.34039	0.000374442	0.364563	-2.74301	0.000205598	0.331867	-3.01325	0.810632	0.958316	-1.0435	1.46E-05	0.202143	-4.94699	0.169805	0.771534	-1.29612	0.206889	1.26631	1.26631	0.340348	0.840052	-1.1904	0.226408	0.798284	-1.25269	16.596	8.26941	0.442912	1
cg08622149	PRKX	0.000318613	0.899964	1.0273	1.0273	5.70E-06	8.92671	8.92671	0.388199	0.827438	-1.20855	0.690354	1.08955	1.08955	0.512805	1.15277	1.15277	0.979044	1.00564	1.00564	0.00183576	0.387574	-2.58015	0.776444	1.06287	1.06287	0.594794	1.12186	1.12186	16.1811	11.7565	0.645827	1
cg17028443	PRKX	0.00248395	0.00317664	0.1639	-6.10129	0.00604521	0.200006	-4.99985	0.0162589	0.267411	-3.73956	0.0907047	2.30826	2.30826	0.00197583	0.140592	-7.11278	0.161878	0.511523	-1.95495	0.00639988	0.203477	-4.91455	0.00176906	0.135541	-7.37782	0.00874454	0.223331	-4.47766	9.04917	28.8697	2.83583	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25601949	PRKX	0.011905	0.00293671	0.192448	-5.19622	0.215674	0.591159	-1.69159	0.107892	0.492782	-2.0293	0.408663	0.711125	-1.40622	0.0375491	0.377802	-2.64689	0.381847	0.696419	-1.43592	0.0285915	0.352779	-2.83463	0.00105377	0.141611	-7.06158	0.0106952	0.274103	-3.64826	5.58789	14.4017	2.29093	1
cg00658396	PRKX	0.0202981	0.00344522	0.381029	-2.62447	0.0960005	1.55899	1.55899	0.344006	0.789174	-1.26715	0.355806	1.25949	1.25949	0.0999336	0.645397	-1.54943	0.891738	1.03363	1.03363	0.00586313	0.416437	-2.40132	0.234278	0.738707	-1.35372	0.124255	0.667446	-1.49825	4.68095	4.37402	0.830603	1
cg16115418	PRKX	0.0258173	0.00475101	0.260492	-3.8389	0.0581817	2.15562	2.15562	0.0920967	1.9449	1.9449	0.533135	1.25415	1.25415	0.708147	0.873793	-1.14444	0.477614	1.29568	1.29568	0.0766123	0.493323	-2.02707	0.0568949	0.461596	-2.1664	0.165516	0.588232	-1.70001	4.30867	8.783	1.81195	1
cg22364675	PRKX	0.0378	0.11941	0.598206	-1.67167	0.0564536	1.92837	1.92837	0.915286	0.968164	-1.03288	0.012373	2.57752	2.57752	0.380204	1.31482	1.31482	0.666014	1.14115	1.14115	0.0132411	2.54349	2.54349	0.424644	1.28136	1.28136	0.112093	0.590932	-1.69224	3.76038	5.5062	1.30157	1
cg04065558	PRKX;PRKX	0.0242296	0.779178	0.96392	-1.03743	0.209192	1.18892	1.18892	0.597396	1.07216	1.07216	0.00539285	0.619479	-1.61426	0.138627	0.811873	-1.23172	0.79277	1.03502	1.03502	0.00313333	0.589762	-1.6956	0.0983799	0.789019	-1.2674	0.697302	1.05243	1.05243	4.40485	1.19225	0.240593	1
cg13879373	PRKX;PRKX	0.0375551	0.567139	0.861951	-1.16016	0.000861923	3.61409	3.61409	0.951571	0.984522	-1.01572	0.877609	1.04037	1.04037	0.622955	1.13573	1.13573	0.611708	1.14051	1.14051	0.850062	0.952559	-1.0498	0.307444	1.31171	1.31171	0.119182	0.647716	-1.54389	3.76933	3.9375	0.928547	1
cg26328438	PRL;PRL	0.0108119	0.340995	1.16639	1.16639	0.759131	1.04942	1.04942	0.341432	0.857475	-1.16621	0.508155	0.900057	-1.11104	0.372728	0.866287	-1.15435	0.00709824	1.72561	1.72561	0.00930138	1.67791	1.67791	0.025148	0.658539	-1.51851	0.0102113	0.601712	-1.66192	5.76444	2.24618	0.346366	1
cg01590699	PRLH	0.0204893	0.673691	0.839906	-1.19061	0.151138	0.530626	-1.88457	0.0121229	0.275774	-3.62616	0.81085	0.905953	-1.10381	0.00205722	0.167211	-5.98046	0.581512	1.25775	1.25775	0.0835341	2.20128	2.20128	0.423189	1.40071	1.40071	0.0945542	0.469076	-2.13185	4.66604	12.5402	2.38893	1
cg19392831	PRLHR	0.000695592	0.0902837	1.10633	1.10633	0.694554	1.02159	1.02159	0.000367867	1.36174	1.36174	0.251723	0.937239	-1.06696	0.0945653	0.905318	-1.10458	0.879637	1.00824	1.00824	0.00186675	0.787509	-1.26983	0.0689775	0.895693	-1.11645	0.000268772	1.38207	1.38207	13.034	0.604865	0.0412504	1
cg02531437	PRLHR	0.0023604	0.0599176	1.51175	1.51175	0.00106248	0.389794	-2.56546	0.0664562	1.4929	1.4929	0.0483252	1.55157	1.55157	0.0189425	0.575071	-1.73892	0.00578389	0.494627	-2.02172	0.365033	0.834261	-1.19867	0.114889	0.716207	-1.39624	0.0154223	1.78375	1.78375	9.18588	5.51459	0.53363	1
cg12614318	PRLHR	0.00561366	0.0125738	0.609338	-1.64112	0.159952	0.786897	-1.27081	0.0490551	1.43139	1.43139	0.511515	1.11213	1.11213	0.0515398	0.702049	-1.4244	0.551704	0.908358	-1.10089	0.0337787	1.48537	1.48537	0.000798492	2.24393	2.24393	0.880861	1.02423	1.02423	7.08291	2.85808	0.358682	1
cg04266205	PRLHR	0.00980751	0.488989	0.80986	-1.23478	0.0533444	1.95473	1.95473	0.043358	2.03601	2.03601	0.324442	1.3581	1.3581	0.243657	1.44438	1.44438	0.00050596	0.173238	-5.77241	0.222936	0.679601	-1.47145	0.919784	0.970298	-1.03061	0.34598	0.746913	-1.33884	6.76446	9.39586	1.08034	1
cg19403534	PRLHR	0.0179929	0.00583834	1.90121	1.90121	0.33223	0.836891	-1.1949	0.306157	1.20755	1.20755	0.00572724	1.90561	1.90561	0.00800866	1.83104	1.83104	0.825724	0.961506	-1.04004	0.25262	0.808393	-1.23702	0.66007	1.08197	1.08197	0.12108	1.34882	1.34882	4.87577	2.44684	0.446076	1
cg18534345	PRLHR	0.0307266	0.330074	1.29089	1.29089	0.144607	1.48895	1.48895	0.059258	1.71772	1.71772	0.147698	1.48379	1.48379	0.767074	0.927316	-1.07838	0.770786	1.07704	1.07704	0.00220811	0.336265	-2.97385	0.443034	1.2198	1.2198	0.16215	1.46107	1.46107	4.0522	4.14189	0.908563	1
cg24611996	PRLHR	0.0338273	0.00299407	0.234417	-4.2659	0.0256207	0.388779	-2.57215	0.174814	0.597969	-1.67233	0.553875	1.23783	1.23783	0.0151422	0.345321	-2.89585	0.471713	0.770403	-1.29802	0.573903	1.22439	1.22439	0.374271	0.722562	-1.38396	0.106434	0.533583	-1.87412	3.91502	7.87177	1.78725	1
cg15748507	PRLHR	0.0374867	0.546708	0.819039	-1.22094	0.214703	0.652144	-1.5334	0.0545097	2.04207	2.04207	0.782884	0.913559	-1.09462	0.0831264	0.533707	-1.87369	0.453905	0.779045	-1.28362	0.12717	0.582802	-1.71585	0.00424922	3.49846	3.49846	0.687122	1.1417	1.1417	3.77184	6.39902	1.50802	1
cg23013687	PRLR	1.00E-04	0.102014	0.777008	-1.28699	0.094441	0.771699	-1.29584	0.000147777	0.398594	-2.50882	2.43E-05	0.305709	-3.27108	0.000133325	0.393147	-2.54358	0.000408611	0.453179	-2.20663	2.74E-05	0.311765	-3.20754	0.0878665	0.766781	-1.30415	0.0308906	0.699564	-1.42946	22.1431	6.96943	0.279774	1
cg26896912	PRLR	0.000109202	0.104697	0.790843	-1.26447	0.0630156	0.758258	-1.31881	1.63E-06	4.92798	4.92798	0.153279	0.816809	-1.22428	0.0331427	1.39038	1.39038	0.13338	1.23892	1.23892	0.379994	0.88766	-1.12656	0.0900924	0.780996	-1.28042	0.817548	1.03105	1.03105	21.6249	5.9969	0.246502	1
cg08761073	PRLR	0.00047789	0.00226968	0.44868	-2.22876	0.0308621	0.621381	-1.60932	6.46E-05	0.252106	-3.96659	0.000124138	0.284854	-3.51058	0.00416445	0.486375	-2.05603	0.000596038	0.369848	-2.70382	0.0248022	0.605634	-1.65116	0.0202504	0.591299	-1.69119	0.739765	0.939351	-1.06456	14.4708	8.07355	0.495928	1
cg24070673	PRLR	0.00298463	0.0154417	0.485721	-2.05879	0.356561	0.794197	-1.25913	8.26E-05	0.178526	-5.60144	0.00299988	0.371942	-2.68859	0.415916	0.81705	-1.22391	0.491351	0.843791	-1.18513	0.361625	1.25593	1.25593	0.671614	1.10918	1.10918	0.253189	0.748267	-1.33642	8.57121	8.01595	0.831305	1
cg02695252	PRLR	0.0032136	0.0582683	0.642727	-1.55587	0.000884267	0.357292	-2.79883	0.0360737	0.604373	-1.65461	0.000661138	0.340542	-2.9365	0.149019	1.37664	1.37664	0.457892	1.16899	1.16899	0.252239	1.28023	1.28023	0.0451931	0.622114	-1.60742	0.0384337	0.609313	-1.64119	8.38485	5.66592	0.600651	1
cg18603838	PRLR	0.00403958	0.00714075	0.301877	-3.3126	0.1082	0.546532	-1.82972	0.004041	0.26419	-3.78515	0.00302473	0.24633	-4.0596	0.051487	0.465684	-2.14738	0.00722639	0.302705	-3.30355	0.000408698	0.144359	-6.92716	0.283817	0.681224	-1.46794	0.0181778	0.372073	-2.68764	7.82921	14.7367	1.67313	1
cg07800544	PRLR	0.00605813	0.0179952	0.455461	-2.19558	0.495247	0.827389	-1.20862	0.00011611	0.157496	-6.34935	0.108044	0.618927	-1.6157	0.0300523	0.497484	-2.01011	0.0497004	0.541954	-1.84518	0.0234888	0.476915	-2.09681	0.473289	0.819081	-1.22088	0.172645	0.672246	-1.48755	6.91853	8.20346	1.05398	1
cg08905701	PRLR	0.0235551	0.0253009	1.45847	1.45847	0.303208	0.859557	-1.16339	0.00964922	0.628245	-1.59174	0.451086	1.11512	1.11512	0.349937	1.1463	1.1463	0.172843	1.22858	1.22858	0.00757017	1.62828	1.62828	0.578963	0.923538	-1.08279	0.42314	1.12311	1.12311	4.44809	1.4187	0.283507	1
cg19433694	PRLR	0.023653	0.0980854	0.441514	-2.26493	0.102864	0.447529	-2.23449	0.00201108	0.140347	-7.12518	0.0400987	0.343433	-2.91177	0.319936	0.629357	-1.58892	0.387667	0.671037	-1.49023	0.00605554	0.198868	-5.02845	0.412874	1.45818	1.45818	0.892495	0.940896	-1.06282	4.44172	14.2803	2.8578	1
cg17333292	PRLR;PRLR	0.00275808	0.0200639	0.761289	-1.31356	0.0127299	1.35116	1.35116	0.0558444	1.23445	1.23445	0.0406117	0.794649	-1.25842	0.232865	0.885482	-1.12933	0.863737	1.01684	1.01684	0.0004383	0.582707	-1.71613	0.0236125	0.768921	-1.30052	0.0245891	0.770826	-1.29731	8.77403	1.3135	0.133069	1
cg04977602	PRLR;PRLR	0.0150487	0.0529172	0.534303	-1.8716	0.327272	1.33394	1.33394	0.603889	1.16082	1.16082	0.0861476	0.5826	-1.71644	0.00126237	0.261584	-3.82286	0.417134	0.78957	-1.26651	0.00374567	0.327864	-3.05004	0.470707	0.811334	-1.23254	0.164715	0.655516	-1.52552	5.17515	6.65389	1.14288	1
cg05877402	PRLR;PRLR	0.0202597	0.0274527	0.540776	-1.8492	0.463179	1.19244	1.19244	0.458982	1.19449	1.19449	0.00330514	0.389404	-2.56803	0.017033	0.503751	-1.98511	0.579041	0.876266	-1.14121	0.0089771	0.456951	-2.18842	0.152423	0.696783	-1.43517	0.255515	0.755949	-1.32284	4.68397	4.12106	0.782064	1
cg04468776	PRM1	5.32E-05	0.3253	0.84767	-1.17971	1.99E-06	0.147942	-6.75943	0.000190509	0.359445	-2.78207	0.403676	1.14917	1.14917	0.000113185	0.331813	-3.01375	0.072734	0.721988	-1.38506	0.000916584	0.446578	-2.23925	0.000877354	0.444082	-2.25184	0.0131494	0.606354	-1.6492	26.1833	10.9789	0.37272	1
cg03940074	PRM1	0.000647808	0.0616729	0.775405	-1.28965	0.0275686	1.37013	1.37013	0.000625759	0.529573	-1.88831	0.806827	0.970826	-1.03005	0.155917	0.832375	-1.20138	4.46E-05	0.39284	-2.54556	0.00120401	0.563723	-1.77392	0.126658	0.818991	-1.22101	0.289022	0.875451	-1.14227	13.2962	3.07586	0.20563	1
cg05385299	PRM1	0.000968003	0.870313	0.957179	-1.04474	0.00313304	0.338949	-2.95029	0.000424923	0.224269	-4.45894	0.393282	1.26393	1.26393	0.000746801	0.253964	-3.93756	0.188234	0.688354	-1.45274	0.000406502	0.222022	-4.50405	0.00306942	0.337634	-2.96179	0.00983438	0.417275	-2.3965	11.8755	13.4934	1.01	1
cg12268344	PRM1	0.0120745	0.138882	0.701529	-1.42546	0.0791729	1.54296	1.54296	0.862124	0.962057	-1.03944	0.744869	1.07537	1.07537	0.000698798	0.316467	-3.15989	0.339093	0.803109	-1.24516	0.00924966	0.47948	-2.08559	0.0672099	0.633529	-1.57846	0.312252	0.792461	-1.26189	5.5623	4.36228	0.697118	1
cg14209854	PRM2	0.000539805	0.252667	0.789219	-1.26707	0.0306886	0.604751	-1.65357	0.207142	1.30155	1.30155	0.747864	0.938101	-1.06598	1.00E-05	0.152966	-6.5374	0.000744528	0.362684	-2.75722	0.115945	0.712839	-1.40284	0.147023	0.734685	-1.36113	0.108827	0.707179	-1.41407	13.9897	8.69632	0.552553	1
cg00332307	PRM2	0.00282009	0.0169451	0.7622	-1.31199	0.0163406	0.760558	-1.31482	0.162579	0.870231	-1.14912	0.00195191	0.664717	-1.5044	0.347105	0.913687	-1.09447	0.419286	0.925943	-1.07998	0.000813346	1.60117	1.60117	0.104287	1.18007	1.18007	0.412577	0.924866	-1.08124	8.71651	1.20008	0.122381	1
cg05149093	PRM2	0.0166243	0.478501	0.85958	-1.16336	0.0032232	0.429973	-2.32573	0.906171	0.975542	-1.02507	0.146021	1.38783	1.38783	0.250372	1.2869	1.2869	0.0159262	0.537994	-1.85876	0.678224	1.09157	1.09157	0.0735744	0.657764	-1.5203	0.0395713	1.64851	1.64851	5.00673	3.49692	0.620839	1
cg06015997	PRM2	0.0357362	0.01429	0.569942	-1.75456	0.302828	0.819862	-1.21972	0.214784	1.27508	1.27508	0.0153944	0.575017	-1.73908	0.0189959	0.589501	-1.69635	0.675277	0.924593	-1.08156	0.905559	0.978156	-1.02233	0.0165326	0.579906	-1.72442	0.72603	0.93663	-1.06766	3.83807	2.10496	0.487504	1
cg09967329	PRM2;PRM2	0.000974833	0.015792	0.733799	-1.36277	0.599271	0.946018	-1.05706	0.000102608	0.486938	-2.05365	0.730829	0.964502	-1.0368	0.105224	0.830882	-1.20354	0.0144284	1.37103	1.37103	0.00190601	1.5845	1.5845	0.12463	1.19006	1.19006	0.585074	0.943929	-1.0594	11.8518	2.05615	0.154211	1
cg01381613	PRM3	0.00802416	0.0436138	0.312463	-3.20038	0.0441786	0.313717	-3.18758	0.000913297	0.0832682	-12.0094	0.106998	0.413829	-2.41646	0.00275854	0.126092	-7.9307	0.03962	0.303253	-3.29758	0.0057994	0.163309	-6.12335	0.0532004	0.332403	-3.00839	0.016948	0.23216	-4.30737	6.33813	25.239	3.53964	1
cg01456572	PRM3	0.0161694	0.0992702	0.42099	-2.37535	0.388883	1.52621	1.52621	0.00840464	0.199548	-5.01131	0.129301	0.456248	-2.19179	0.00119844	0.103061	-9.70299	0.0956541	0.416302	-2.4021	0.0131092	0.229224	-4.36254	0.173666	0.500048	-1.99981	0.382271	0.651151	-1.53574	5.05325	18.3461	3.22716	1
cg08358964	PRM3	0.0336114	0.0752866	0.315239	-3.17219	0.0334727	0.234986	-4.25557	0.00336043	0.0977125	-10.2341	0.430079	0.625319	-1.59918	0.0175737	0.185593	-5.38812	0.0531188	0.277776	-3.60002	0.0210287	0.1983	-5.04288	0.159195	0.416025	-2.4037	0.693382	0.79375	-1.25984	3.92406	21.117	4.78349	1
cg05164514	PRMT10	0.00171141	2.78E-05	0.187125	-5.34402	0.0297053	0.594736	-1.68142	0.762951	1.06335	1.06335	0.118386	0.70874	-1.41096	?	?	?	0.370215	0.82956	-1.20546	0.475435	0.862973	-1.15878	0.12195	0.711468	-1.40554	0.414772	1.18445	1.18445	10.321	5.99159	0.580522	1
cg10851071	PRMT10	0.00420752	0.00607412	0.648449	-1.54214	0.0732236	0.785411	-1.27322	0.00205463	1.69055	1.69055	0.342843	0.888556	-1.12542	0.641021	0.944805	-1.05842	0.00235185	0.598595	-1.67058	0.306707	0.879901	-1.13649	0.453473	1.09673	1.09673	0.0787177	1.26628	1.26628	7.73352	1.79052	0.205802	1
cg20806502	PRMT10	0.00484983	0.612057	1.13959	1.13959	0.0551662	0.573805	-1.74275	0.677082	1.11294	1.11294	0.394054	1.24989	1.24989	0.452777	1.21583	1.21583	0.659476	1.11997	1.11997	9.18E-05	0.167811	-5.95907	0.050267	0.5654	-1.76866	0.671358	0.896692	-1.11521	7.40717	7.65842	0.919041	1
cg08090452	PRMT10	0.00585987	0.471437	0.914309	-1.09372	0.810706	0.971082	-1.02978	0.35623	1.12305	1.12305	0.0161472	0.697723	-1.43323	0.730876	0.958653	-1.04313	0.00150822	0.57172	-1.74911	0.00074632	0.534813	-1.86981	0.00838487	0.662414	-1.50963	0.167935	0.835503	-1.19688	6.98993	1.65571	0.210552	1
cg03577502	PRMT10	0.0173647	0.387816	0.857876	-1.16567	0.0370656	1.52089	1.52089	0.000941831	2.34985	2.34985	0.255687	0.814238	-1.22814	0.656175	0.925331	-1.08069	0.50329	1.12484	1.12484	0.0606228	0.693252	-1.44248	0.298281	1.2053	1.2053	0.645292	1.08358	1.08358	4.9343	2.34401	0.422262	1
cg24775940	PRMT10	0.0255246	0.381351	0.651737	-1.53436	0.111142	0.437141	-2.28759	0.0361109	0.312827	-3.19666	0.359831	0.638334	-1.56658	0.0307692	0.298298	-3.35235	0.0123323	0.226329	-4.41834	0.0028043	0.140369	-7.12407	0.805782	1.12463	1.12463	0.0207142	0.265004	-3.77352	4.32584	15.576	3.20061	1
cg00400743	PRMT10	0.0274434	0.307809	0.775501	-1.28949	0.0443466	0.573356	-1.74412	0.389767	1.23647	1.23647	0.398069	1.23169	1.23169	0.0691791	0.612815	-1.63181	0.12987	0.674311	-1.48299	0.00376174	2.5649	2.5649	0.288298	1.30409	1.30409	0.361835	0.797919	-1.25326	4.21747	3.87458	0.816618	1
cg15810326	PRMT10	0.029859	0.213031	0.734667	-1.36116	0.328281	1.26775	1.26775	0.0896703	1.55255	1.55255	0.00120339	0.327856	-3.05012	0.987779	0.996405	-1.00361	0.152605	0.697528	-1.43363	0.723355	0.919832	-1.08715	0.985205	0.99565	-1.00437	0.357214	1.24935	1.24935	4.09367	3.58403	0.778227	1
cg08162865	PRMT10	0.0361669	0.00257525	0.433765	-2.3054	0.0106986	0.526649	-1.8988	0.928862	1.01801	1.01801	0.411709	1.18266	1.18266	0.40392	0.843071	-1.18614	0.988735	1.00283	1.00283	0.652823	0.913468	-1.09473	0.204988	1.30643	1.30643	0.847297	1.03929	1.03929	3.82141	2.41783	0.562405	1
cg02715115	PRMT10	0.0455413	0.27989	1.18333	1.18333	0.00311465	0.545579	-1.83291	0.0666233	1.36096	1.36096	0.664191	1.06765	1.06765	0.929157	0.986763	-1.01341	0.469923	1.11646	1.11646	0.749073	1.04926	1.04926	0.0695658	1.35548	1.35548	0.486046	1.1119	1.1119	3.50977	1.24821	0.316124	1
cg14979076	PRMT10;PRMT10	0.00308637	0.0481103	1.34169	1.34169	0.0028709	0.586473	-1.70511	0.521571	1.0882	1.0882	0.102162	1.26207	1.26207	0.0106743	0.658613	-1.51834	0.0825036	0.778616	-1.28433	0.272603	0.861936	-1.16018	0.490301	0.91286	-1.09546	0.00106959	1.87567	1.87567	8.48627	2.27542	0.238338	1
cg15679331	PRMT1;PRMT1;PRMT1	6.29E-05	0.755949	0.963264	-1.03814	0.854495	0.978203	-1.02228	0.251412	0.866018	-1.15471	0.400829	1.10875	1.10875	6.81E-07	0.197629	-5.05998	0.35601	1.12072	1.12072	0.00347752	0.621209	-1.60977	0.661041	0.948409	-1.0544	0.0982042	1.24326	1.24326	25.0531	5.71831	0.202887	1
cg24127106	PRMT1;PRMT1;PRMT1	0.00441259	0.199503	0.839584	-1.19107	0.597931	0.933654	-1.07106	0.403798	1.1165	1.1165	0.838727	1.02663	1.02663	0.0695174	0.769608	-1.29936	0.000422652	0.486506	-2.05547	0.000974737	0.531074	-1.88298	0.357953	0.885201	-1.12969	0.00652759	0.633882	-1.57758	7.62293	2.00879	0.234239	1
cg08377944	PRMT1;PRMT1;PRMT1	0.00716698	0.607763	0.920512	-1.08635	0.618479	1.08364	1.08364	0.0151717	1.61159	1.61159	0.0388623	0.682076	-1.46611	0.540443	1.10423	1.10423	0.000403124	0.40655	-2.45972	0.0623521	0.714887	-1.39882	0.520139	1.10993	1.10993	0.712859	0.942579	-1.06092	6.56663	2.66189	0.360325	1
cg24200426	PRMT1;PRMT1;PRMT1	0.0118074	0.342567	1.24426	1.24426	0.0661057	1.58523	1.58523	0.315966	1.26076	1.26076	0.105599	1.48455	1.48455	0.000628308	0.308891	-3.23739	0.262886	0.77038	-1.29806	0.0644968	1.59067	1.59067	0.74278	1.07637	1.07637	0.988769	1.00315	1.00315	5.60281	4.43213	0.70316	1
cg18880319	PRMT1;PRMT1;PRMT1	0.0141088	0.00789505	0.221909	-4.50634	0.91884	1.03845	1.03845	0.0776103	0.458449	-2.18127	0.00298858	0.15039	-6.64939	?	?	?	0.374067	0.70928	-1.40988	0.0463517	0.395679	-2.5273	0.00382787	0.167068	-5.9856	?	?	?	8.94654	13.8508	1.10584	1
cg07702240	PRMT1;PRMT1;PRMT1	0.0184949	0.352739	0.87162	-1.14729	0.827724	1.03181	1.03181	0.00232347	1.8425	1.8425	0.0861371	1.3132	1.3132	0.339906	1.15181	1.15181	0.176158	0.813308	-1.22955	0.0472558	0.721667	-1.38568	0.0505134	0.725972	-1.37746	0.338852	0.867918	-1.15218	4.83081	1.57966	0.290664	1
cg11815796	PRMT1;PRMT1;PRMT1	0.0252264	0.0700848	1.9205	1.9205	0.018899	2.49979	2.49979	0.00510462	3.29523	3.29523	0.0268893	2.32724	2.32724	0.172053	1.5975	1.5975	0.0801216	1.86948	1.86948	0.116053	1.73395	1.73395	0.00827237	2.96874	2.96874	0.0173597	2.54359	2.54359	4.34359	7.14369	1.46191	1
cg14258555	PRMT1;PRMT1;PRMT1	0.0329312	0.956641	0.994703	-1.00532	0.135843	1.16998	1.16998	0.183884	0.871362	-1.14763	0.0890794	1.201	1.201	0.0108893	1.36647	1.36647	0.190679	1.14493	1.14493	0.0284116	0.776732	-1.28745	0.169986	1.15345	1.15345	0.187827	0.87256	-1.14605	3.95302	0.59728	0.134306	1
cg22292364	PRMT1;PRMT1;PRMT1	0.0396194	0.892684	1.01653	1.01653	0.411785	1.10734	1.10734	0.277871	1.14694	1.14694	0.409785	1.10785	1.10785	0.237418	1.16227	1.16227	0.226709	1.16673	1.16673	0.0108779	0.678098	-1.47471	0.0147635	0.694521	-1.43984	0.106441	1.23885	1.23885	3.69612	0.864092	0.207808	1
cg18877879	PRMT2;PRMT2	9.28E-06	4.74E-06	0.21487	-4.65399	0.00755069	1.65624	1.65624	0.000307411	0.423099	-2.36351	0.456984	1.11761	1.11761	8.98E-07	0.147656	-6.77251	0.0185227	0.657554	-1.52079	0.0010276	0.489608	-2.04245	0.0762887	1.33576	1.33576	0.000977392	0.48681	-2.05419	41.3617	14.1156	0.303354	1
cg17243659	PRMT2;PRMT2	0.000385146	0.0658575	0.77311	-1.29348	0.624228	0.940297	-1.06349	0.816242	1.02945	1.02945	0.00730419	0.649655	-1.53928	0.00129189	0.557309	-1.79434	0.000821681	0.533388	-1.87481	0.00631059	0.641784	-1.55816	1.11E-05	0.311618	-3.20906	0.0448631	0.750457	-1.33252	15.3595	3.78185	0.218863	1
cg21461082	PRMT2;PRMT2	0.000852821	0.848613	1.04678	1.04678	0.621951	1.12626	1.12626	0.983212	0.994979	-1.00505	0.580736	1.14277	1.14277	3.96E-05	6.55508	6.55508	0.541262	1.15945	1.15945	0.0103889	2.1642	2.1642	0.000204139	4.43361	4.43361	0.461934	0.835975	-1.19621	12.3084	11.1561	0.805674	1
cg14106635	PRMT2;PRMT2	0.00167128	0.000710527	1.66888	1.66888	0.0859598	1.20737	1.20737	0.644147	1.04728	1.04728	0.523839	0.937858	-1.06626	0.000709838	0.599159	-1.66901	0.00435513	0.685012	-1.45983	0.0308305	0.777374	-1.28638	0.932773	1.00841	1.00841	0.528573	0.938561	-1.06546	10.1577	1.58674	0.138853	1
cg24877093	PRMT2;PRMT2	0.00343126	0.426368	1.23613	1.23613	0.956885	1.01421	1.01421	0.467361	0.824467	-1.2129	0.686869	1.11156	1.11156	0.000211979	5.03193	5.03193	0.745218	1.08883	1.08883	0.00491146	2.64507	2.64507	0.00145978	3.31893	3.31893	0.679414	0.897213	-1.11456	8.22244	8.87104	0.959005	1
cg10187059	PRMT2;PRMT2	0.00380757	0.137947	0.677565	-1.47587	0.354729	0.792947	-1.26112	0.0839953	1.59347	1.59347	0.900383	0.969944	-1.03099	0.116957	1.51438	1.51438	0.0179714	2.01496	2.01496	0.00134738	0.321489	-3.11053	0.00582557	0.414829	-2.41063	0.0205933	1.97308	1.97308	7.9699	7.4952	0.835945	1
cg15294341	PRMT2;PRMT2	0.00842597	0.771573	1.0485	1.0485	0.10042	0.746188	-1.34014	0.189563	1.25365	1.25365	0.137038	1.29765	1.29765	0.062091	0.710551	-1.40736	0.130356	0.766604	-1.30445	0.00166717	2.0783	2.0783	0.0703951	0.719642	-1.38958	0.0160217	0.619026	-1.61544	6.24124	2.61603	0.37258	1
cg04631283	PRMT2;PRMT2	0.00940337	0.336732	0.860999	-1.16144	0.00722072	0.592236	-1.68852	0.0283886	0.676418	-1.47837	0.896499	0.980527	-1.01986	0.0611056	0.726952	-1.37561	0.818483	1.03535	1.03535	0.00339245	1.82552	1.82552	0.0448593	1.41609	1.41609	0.266729	0.839587	-1.19106	6.02779	2.17968	0.321427	1
cg09374293	PRMT2;PRMT2	0.01004	0.0117904	8.23801	8.23801	0.00303778	15.2248	15.2248	0.0318161	5.40342	5.40342	0.0164521	7.13753	7.13753	0.88033	1.10629	1.10629	0.717953	0.784112	-1.27533	0.403292	1.77437	1.77437	0.00137514	22.4671	22.4671	0.482832	1.61318	1.61318	5.90308	42.0298	6.32887	1
cg22256816	PRMT2;PRMT2	0.0283903	0.615314	0.842731	-1.18662	0.166535	0.607657	-1.64567	0.36196	1.37225	1.37225	0.344776	1.38907	1.38907	0.00229555	0.237099	-4.21764	0.366915	1.36755	1.36755	0.211833	1.55919	1.55919	0.115476	1.78227	1.78227	0.0702874	0.50495	-1.98039	4.1674	7.52748	1.60558	1
cg02512596	PRMT2;PRMT2	0.0329474	0.304012	0.888581	-1.12539	0.584782	1.06314	1.06314	0.205752	0.862326	-1.15965	0.481916	1.08255	1.08255	0.810624	1.027	1.027	0.250668	1.14247	1.14247	0.00194818	1.62614	1.62614	0.0719609	0.800201	-1.24969	0.213394	0.864679	-1.1565	3.95232	0.770779	0.173351	1
cg14627538	PRMT2;PRMT2	0.0367223	0.0279222	0.406575	-2.45957	0.0057935	0.285841	-3.49845	0.0210247	0.382237	-2.61618	0.173564	0.605531	-1.65144	0.0435897	0.447587	-2.2342	0.129259	0.566703	-1.76459	0.470458	1.28966	1.28966	0.662761	1.1642	1.1642	0.119486	0.556922	-1.79558	3.80028	7.22476	1.68988	1
cg23019633	PRMT3;PRMT3;PRMT3	0.000222346	0.105188	1.4651	1.4651	0.913381	1.02342	1.02342	0.0254165	0.55934	-1.78782	1.04E-05	0.101357	-9.86609	0.000137586	0.21451	-4.66179	0.0232277	0.552158	-1.81108	0.123143	0.6978	-1.43308	0.812429	1.0519	1.0519	0.0455645	1.64623	1.64623	22.7826	15.9921	0.545955	1
cg06675341	PRMT3;PRMT3;PRMT3	0.000616609	0.754245	0.960335	-1.0413	8.89E-06	3.4604	3.4604	0.311498	1.14448	1.14448	0.3993	1.11763	1.11763	0.259749	1.1636	1.1636	0.0955232	1.26619	1.26619	0.0843946	0.781893	-1.27895	0.558483	1.07924	1.07924	0.0437119	0.741698	-1.34826	13.4808	3.54641	0.233842	1
cg19653624	PRMT3;PRMT3;PRMT3	0.00208289	0.0310485	0.30098	-3.32248	0.00352798	7.30971	7.30971	0.000369123	21.6604	21.6604	?	?	?	0.517977	0.745176	-1.34197	0.0725939	2.5386	2.5386	0.755234	0.869522	-1.15006	0.0245925	0.278814	-3.58663	?	?	?	14.9305	34.9315	2.00538	1
cg10278102	PRMT3;PRMT3;PRMT3	0.00214523	0.00241377	0.251135	-3.98193	0.000509504	0.169436	-5.90194	0.00511121	0.298261	-3.35277	0.140363	0.595298	-1.67983	0.00918354	0.339018	-2.9497	0.0253872	0.419402	-2.38435	0.00204567	0.241451	-4.14163	0.00115597	0.209904	-4.76409	0.0124819	0.36189	-2.76327	9.44667	15.9984	1.50538	1
cg05265985	PRMT3;PRMT3;PRMT3	0.00530708	0.0327446	1.37101	1.37101	0.012081	0.673495	-1.48479	0.0224316	0.707893	-1.41264	0.0015043	0.561178	-1.78197	0.987019	0.997947	-1.00206	0.0379774	0.737939	-1.35513	0.0331431	1.36971	1.36971	0.41784	1.11024	1.11024	0.683834	1.05308	1.05308	7.20604	1.82088	0.224611	1
cg07199337	PRMT3;PRMT3;PRMT3	0.00685203	0.00411353	0.294898	-3.391	0.204504	0.653896	-1.5293	0.201681	0.651965	-1.53383	0.01439	0.383983	-2.60428	0.00873627	0.346478	-2.88618	0.0277251	0.437983	-2.28319	0.000886011	0.205896	-4.85681	0.00494323	0.306961	-3.25774	0.0353617	0.45959	-2.17585	6.6593	10.6169	1.41715	1
cg03635073	PRMT3;PRMT3;PRMT3	0.0109799	0.0106799	0.230932	-4.33028	0.923568	0.957122	-1.0448	0.0659829	0.38985	-2.56509	0.378601	0.661967	-1.51065	0.00117798	0.11377	-8.7897	0.0915562	0.428067	-2.33608	0.00444226	0.176676	-5.66007	0.976497	1.01354	1.01354	0.0135409	0.247698	-4.03718	5.73589	18.9464	2.93612	1
cg05914060	PRMT3;PRMT3;PRMT3	0.011984	0.361593	0.87985	-1.13656	0.00733942	0.62393	-1.60274	0.00404232	0.590387	-1.69381	0.0257149	0.696565	-1.43562	0.0992165	0.781389	-1.27977	0.824047	0.970062	-1.03086	0.215886	1.19455	1.19455	0.0259752	1.43438	1.43438	0.247803	0.847964	-1.1793	5.57591	1.64521	0.262273	1
cg05533340	PRMT3;PRMT3;PRMT3	0.0481532	0.567511	0.722444	-1.38419	0.198687	2.14718	2.14718	0.0435006	3.69173	3.69173	0.0428871	3.71009	3.71009	0.132159	0.400836	-2.49478	0.843189	0.894557	-1.11787	0.00653559	7.30045	7.30045	0.148611	2.39079	2.39079	0.493824	1.47835	1.47835	3.43683	17.2287	4.45598	1
cg13982511	PRMT3;PRMT3;PRMT3;PRMT3;PRMT3;PRMT3	0.0450943	0.645374	1.09923	1.09923	0.559805	1.12793	1.12793	0.676975	1.0893	1.0893	0.722411	1.07554	1.07554	0.0032611	0.440924	-2.26796	0.00930068	0.509845	-1.96138	0.495618	0.868267	-1.15172	0.570477	1.12419	1.12419	0.70225	0.924578	-1.08157	3.52276	2.32553	0.586793	1
cg07481194	PRMT5;PRMT5	0.000228603	0.300623	1.16942	1.16942	0.00367564	1.77364	1.77364	0.00127894	1.98441	1.98441	0.791078	1.0395	1.0395	0.390091	1.13713	1.13713	1.18E-05	0.258328	-3.87105	0.0444522	1.40045	1.40045	0.30876	1.16616	1.16616	0.037148	1.42343	1.42343	17.7163	5.97442	0.299758	1
cg19714865	PRMT5;PRMT5	0.00847046	0.569657	1.0758	1.0758	0.709678	0.953562	-1.0487	0.674166	1.05524	1.05524	0.962539	1.00599	1.00599	0.0521239	1.32434	1.32434	0.00118026	1.83124	1.83124	0.000490565	2.00235	2.00235	0.467457	1.09857	1.09857	0.250059	1.16514	1.16514	6.23087	1.59551	0.227614	1
cg19841859	PRMT5;PRMT5	0.0198074	0.541101	0.831216	-1.20306	0.000656027	4.75963	4.75963	0.238371	0.691417	-1.4463	0.732525	1.10795	1.10795	0.843846	1.0607	1.0607	0.263933	0.706131	-1.41617	0.106646	0.590733	-1.69281	0.196207	0.664741	-1.50434	0.611432	1.16543	1.16543	4.72005	6.67438	1.25693	1
cg20932692	PRMT5;PRMT5	0.0198074	0.0138055	1.9079	1.9079	0.0567859	1.58035	1.58035	0.00356392	2.31209	2.31209	0.219895	1.31497	1.31497	?	?	?	0.00955021	2.00713	2.00713	0.143149	1.39654	1.39654	0.229026	1.30728	1.30728	0.0148103	1.88975	1.88975	4.8059	3.04839	0.634301	1
cg13769672	PRMT5;PRMT5	0.0480331	0.00493334	0.690063	-1.44914	0.957584	1.00531	1.00531	0.107413	1.19131	1.19131	0.175053	0.866161	-1.15452	0.343312	0.907323	-1.10214	0.0264451	0.769379	-1.29975	0.196513	0.872804	-1.14573	0.303058	0.899175	-1.11213	0.498664	1.07082	1.07082	3.44007	0.540725	0.139719	1
cg26397019	PRMT5;PRMT5;PRMT5;PRMT5	0.0376096	0.00316048	0.356745	-2.80312	0.18288	1.43508	1.43508	0.0857811	1.62462	1.62462	0.291045	0.755772	-1.32315	0.143774	0.669368	-1.49395	0.600286	0.873608	-1.14468	0.961841	1.0123	1.0123	0.541866	1.17095	1.17095	0.13376	1.51182	1.51182	3.76733	3.89714	0.919518	1
cg11070056	PRMT6	0.00071956	0.409616	0.886197	-1.12842	5.01E-05	2.97342	2.97342	0.332391	1.15403	1.15403	0.0592426	1.35678	1.35678	0.895514	1.019	1.019	0.19794	1.21525	1.21525	0.00357236	0.568093	-1.76027	0.0067379	0.604529	-1.65418	0.028238	1.4494	1.4494	12.9108	4.19702	0.288958	1
cg02993280	PRMT6	0.0029248	5.79E-05	0.125791	-7.94971	0.434422	1.24832	1.24832	0.982108	1.00626	1.00626	0.536493	1.19013	1.19013	0.00656292	0.374614	-2.66941	0.638399	1.14069	1.14069	0.452459	0.808268	-1.23721	0.912882	1.0309	1.0309	0.556937	1.17964	1.17964	8.62286	10.5616	1.08874	1
cg02990361	PRMT6	0.0083403	0.374986	0.890948	-1.1224	0.0857434	1.2723	1.2723	0.651516	1.05935	1.05935	0.184061	0.836362	-1.19565	0.0518723	0.755379	-1.32384	0.000820114	0.527603	-1.89536	0.00814349	0.650823	-1.53652	0.296999	1.14696	1.14696	0.205468	1.18458	1.18458	6.26141	1.5947	0.226388	1
cg22528358	PRMT6	0.0175273	0.114205	1.20795	1.20795	0.0173025	1.37544	1.37544	0.907668	0.987324	-1.01284	0.0324666	1.31689	1.31689	0.481897	1.08177	1.08177	0.929846	0.990365	-1.00973	0.000592385	1.79187	1.79187	0.204471	1.15862	1.15862	0.730321	0.962668	-1.03878	4.91889	0.941851	0.170201	1
cg07133347	PRMT6;PRMT6	0.0297341	0.0310811	0.49215	-2.0319	0.00498729	0.353055	-2.83242	0.0369433	0.507215	-1.97155	0.521146	0.833447	-1.19984	0.0187364	0.450208	-2.2212	0.0603332	0.552414	-1.81024	0.0106245	0.406559	-2.45967	0.863041	0.952781	-1.04956	0.487327	0.82062	-1.21859	4.09976	5.09601	1.10489	1
cg03983715	PRMT7	0.000237243	0.000128467	0.350511	-2.85298	0.486549	0.89465	-1.11776	0.526772	0.903947	-1.10626	0.031251	0.671693	-1.48878	4.14E-05	0.292254	-3.42169	0.00676734	0.575385	-1.73797	4.20E-05	0.292994	-3.41304	0.80256	0.961319	-1.04024	0.228618	0.819583	-1.22013	17.5384	6.88711	0.349056	1
cg01162920	PRMT7	0.00154255	0.747234	1.1053	1.1053	0.000814401	4.77256	4.77256	0.0702081	1.87137	1.87137	0.734811	0.900085	-1.11101	0.816827	1.07448	1.07448	0.569726	1.19468	1.19468	0.0328723	2.16567	2.16567	4.44E-05	10.9724	10.9724	0.672263	0.876563	-1.14082	10.3955	15.783	1.34956	1
cg09175928	PRMT7;PRMT7;SLC7A6OS	0.0239301	0.341923	1.2985	1.2985	0.143475	1.52096	1.52096	0.0151811	2.21576	2.21576	0.0326526	0.513318	-1.94811	0.110543	0.628852	-1.5902	0.0291748	0.503785	-1.98497	0.936899	1.02135	1.02135	0.113539	1.58301	1.58301	0.125394	1.5565	1.5565	4.42387	4.98549	1.00174	1
cg26492318	PRMT7;SLC7A6OS	0.00126444	0.00624349	0.670457	-1.49152	0.0748191	0.800447	-1.2493	0.667096	1.04974	1.04974	0.00565427	0.665447	-1.50275	0.00627917	0.670745	-1.49088	0.0297828	0.750618	-1.33223	0.0623301	1.26535	1.26535	0.00199883	0.613009	-1.6313	0.00172699	1.65115	1.65115	11.0061	2.19325	0.177134	1
cg06092312	PRMT7;SLC7A6OS	0.00454301	0.928168	0.990001	-1.0101	0.124212	0.830669	-1.20385	0.259189	1.14018	1.14018	0.685007	0.955568	-1.0465	0.972827	0.996211	-1.0038	0.11467	0.825965	-1.21071	5.60E-05	0.434036	-2.30395	0.921165	0.989028	-1.01109	0.232426	0.86974	-1.14977	7.55587	1.48633	0.174855	1
cg19356324	PRMT7;SLC7A6OS	0.00945739	0.0491237	0.527761	-1.8948	0.00104621	0.251485	-3.97638	0.00120769	0.259533	-3.85307	0.409561	1.27123	1.27123	0.0467852	0.523233	-1.91119	0.149586	0.644269	-1.55215	0.159338	0.651845	-1.53411	0.0791945	0.574337	-1.74114	0.236336	0.702519	-1.42345	6.0168	7.71572	1.13988	1
cg27077685	PRMT7;SLC7A6OS	0.0203647	0.00680767	1.59663	1.59663	0.186334	0.829475	-1.20558	0.597737	0.931406	-1.07365	0.930681	1.01168	1.01168	0.345695	1.13837	1.13837	0.460382	0.904567	-1.1055	0.0013098	1.86699	1.86699	0.929216	1.01193	1.01193	0.920763	0.98681	-1.01337	4.67574	1.31879	0.25071	1
cg09779635	PRMT7;SLC7A6OS	0.0439697	?	?	?	0.253585	3.14569	3.14569	0.0824075	6.62315	6.62315	0.0271705	13.9636	13.9636	?	?	?	0.190863	3.81184	3.81184	?	?	?	0.0245371	0.0666885	-14.9951	0.379156	2.36692	2.36692	4.54321	40.9011	9.00268	1
cg26557925	PRMT8	0.000314237	0.738578	1.06109	1.06109	0.314088	1.20241	1.20241	0.00855542	0.552163	-1.81106	0.84516	0.965974	-1.03522	0.0152187	0.589916	-1.69516	0.00528408	0.521523	-1.91746	5.33E-06	0.161043	-6.20953	0.0328114	0.642701	-1.55593	0.0102408	0.563808	-1.77365	16.2426	8.06369	0.441292	1
cg01471088	PRMT8	0.000522435	0.000563769	0.337104	-2.96645	0.893292	1.02768	1.02768	0.00923843	0.510622	-1.9584	0.948039	1.01335	1.01335	1.35E-05	0.156896	-6.37366	0.631785	0.90645	-1.1032	0.232732	1.2899	1.2899	0.535789	0.880244	-1.13605	0.850715	0.962397	-1.03907	14.1175	9.25271	0.582585	1
cg27617086	PRMT8	0.000709685	0.000274702	0.308865	-3.23766	0.984715	1.00378	1.00378	0.00481564	0.478318	-2.09066	0.0163376	0.560552	-1.78396	0.00100561	0.381913	-2.6184	0.00153648	0.407108	-2.45635	0.000119342	0.26535	-3.76861	0.0301648	0.604918	-1.65312	0.00996702	0.526418	-1.89963	12.9609	7.98028	0.547305	1
cg01693063	PRMT8	0.000836867	0.0212348	1.25214	1.25214	0.93585	0.993486	-1.00656	0.0009601	1.49075	1.49075	0.00387593	1.37139	1.37139	0.356392	1.08006	1.08006	0.808314	1.01993	1.01993	0.00101393	0.673124	-1.48561	0.00418268	0.732321	-1.36552	0.00990768	1.30281	1.30281	12.3741	1.29177	0.0927941	1
cg27316886	PRMT8	0.00256662	0.000483492	2.88117	2.88117	0.00839599	1.91752	1.91752	0.000510018	2.85648	2.85648	0.142616	1.35625	1.35625	0.188538	0.763844	-1.30917	0.993778	0.998493	-1.00151	0.200035	0.769696	-1.29921	0.119191	1.38677	1.38677	0.0744564	1.46856	1.46856	8.96236	5.30714	0.526364	1
cg09629675	PRMT8	0.00281598	0.000668099	0.216778	-4.61301	0.0240286	0.453658	-2.2043	0.0545789	0.527118	-1.89711	0.000537427	0.205734	-4.86065	0.00753489	0.364328	-2.74478	0.595666	0.854481	-1.1703	0.00119985	0.248221	-4.02868	0.0847868	0.571372	-1.75017	0.117044	0.606558	-1.64865	8.72027	11.9086	1.21388	1
cg19266778	PRMT8	0.00435594	0.335878	0.866055	-1.15466	0.00693006	0.602669	-1.65929	0.067593	0.743232	-1.34547	0.929475	1.01291	1.01291	0.00233991	0.540307	-1.8508	0.0277228	1.45805	1.45805	0.00091872	0.487862	-2.04976	0.666083	0.939021	-1.06494	0.515781	1.1002	1.1002	7.65283	2.54548	0.295661	1
cg24100636	PRMT8	0.00481749	0.474256	1.26001	1.26001	0.0404838	2.12012	2.12012	0.00572065	3.16032	3.16032	0.103376	1.76076	1.76076	0.241856	1.47557	1.47557	0.200923	0.651167	-1.5357	0.00588795	0.318387	-3.14083	0.00451635	3.32631	3.32631	0.00845538	2.90904	2.90904	7.42229	11.8567	1.41996	1
cg21008969	PRMT8	0.00722695	0.00848482	0.211032	-4.73861	0.00144251	0.118557	-8.43475	0.0386123	0.329818	-3.03197	0.905474	0.94648	-1.05655	0.00317694	0.154786	-6.46052	0.0320313	0.312524	-3.19975	0.00325656	0.156043	-6.40849	0.215238	0.546622	-1.82942	0.0614645	0.377003	-2.6525	6.54956	22.2388	3.01818	1
cg05846102	PRMT8	0.0146016	0.00088364	0.208153	-4.80416	0.715393	1.12225	1.12225	0.714595	0.890764	-1.12263	0.370114	1.33627	1.33627	0.00380894	0.292581	-3.41786	0.933814	1.02651	1.02651	0.271698	1.43387	1.43387	0.922961	0.969995	-1.03093	0.800607	0.923387	-1.08297	5.22696	8.2118	1.39649	1
cg19656577	PRMT8	0.0212583	0.37748	0.895841	-1.11627	0.337238	1.12769	1.12769	0.791771	1.03266	1.03266	0.00918574	0.669136	-1.49446	0.00935566	0.670114	-1.49228	0.226874	0.857182	-1.16661	0.00805212	0.66212	-1.5103	0.283034	1.14509	1.14509	0.287903	1.14341	1.14341	4.60774	1.07662	0.207693	1
cg12871967	PRMT8	0.0444487	0.902589	1.03724	1.03724	0.0813876	0.561701	-1.78031	0.903924	1.03671	1.03671	0.447229	1.26024	1.26024	0.00221923	0.278079	-3.59611	0.222244	0.681802	-1.4667	0.0868672	0.568589	-1.75874	0.536388	0.829493	-1.20556	0.0372558	0.485816	-2.05839	3.54182	5.00097	1.25509	1
cg08622677	PRMT8	0.0484449	0.189133	1.29598	1.29598	0.789797	1.05106	1.05106	0.162348	1.32051	1.32051	0.275674	1.23534	1.23534	0.802938	1.0477	1.0477	0.884529	0.97328	-1.02745	0.00249586	0.457016	-2.1881	0.386803	0.847609	-1.17979	0.174844	1.30859	1.30859	3.42898	1.88638	0.489002	1
cg05837890	PRND	0.000755439	0.00394613	0.513172	-1.94866	0.00720237	1.81624	1.81624	0.69132	0.933638	-1.07108	0.00064198	0.406012	-2.46298	0.000106786	0.308433	-3.24219	0.0303014	0.645237	-1.54982	0.252499	0.814118	-1.22832	0.00917268	0.565941	-1.76697	0.222376	0.802011	-1.24687	12.7357	5.97079	0.416733	1
cg15795984	PRND	0.00132646	0.00184798	0.396192	-2.52403	0.00027916	0.287936	-3.47299	0.0505735	0.627104	-1.59463	0.449254	1.17527	1.17527	0.00812975	0.491818	-2.03327	0.00781581	0.48914	-2.0444	0.000763935	0.343722	-2.90933	0.00183191	0.395657	-2.52744	0.0861068	0.672199	-1.48765	10.8562	7.54258	0.617573	1
cg04636876	PRND	0.009538	0.628932	1.18682	1.18682	0.372	1.38045	1.38045	0.729892	0.88522	-1.12966	0.395542	1.35807	1.35807	0.00479138	0.267968	-3.73179	0.203566	1.60329	1.60329	0.0137538	0.342536	-2.9194	0.0490917	0.453754	-2.20384	0.00191761	0.213238	-4.68959	6.00056	11.7589	1.7419	1
cg16977257	PRND	0.0244506	0.0958021	1.18595	1.18595	0.00933656	0.73538	-1.35984	0.307102	1.10359	1.10359	0.523884	1.06207	1.06207	0.00239167	1.4837	1.4837	0.577936	1.0538	1.0538	0.724129	0.967504	-1.03359	0.648024	1.04378	1.04378	0.602404	0.952183	-1.05022	4.391	0.604388	0.122349	1
cg12587930	PRND	0.0482379	0.0985921	1.2636	1.2636	0.21166	1.18526	1.18526	0.136333	1.23037	1.23037	0.0996612	1.26249	1.26249	0.921028	1.01289	1.01289	0.00589206	1.59269	1.59269	0.386559	1.12148	1.12148	0.175254	0.830106	-1.20467	0.113979	0.800831	-1.2487	3.43454	0.907579	0.234889	1
cg00380283	PRNP;PRNP;PRNP;PRNP;PRNP	5.51E-05	0.698841	1.04072	1.04072	0.000174963	1.92266	1.92266	0.000148807	1.95276	1.95276	0.0175408	1.34551	1.34551	0.945173	1.00709	1.00709	5.39E-06	0.347397	-2.87855	0.850732	1.01953	1.01953	0.476002	1.07725	1.07725	0.294707	0.894419	-1.11804	25.9516	4.33281	0.148406	1
cg02413285	PRNP;PRNP;PRNP;PRNP;PRNP	0.0129358	0.260507	0.628901	-1.59008	0.00194183	5.65455	5.65455	0.0276585	2.79792	2.79792	0.0518977	2.39674	2.39674	0.408666	0.716085	-1.39648	0.422671	1.38216	1.38216	0.0156693	0.310167	-3.22407	0.523206	1.29135	1.29135	0.324609	1.49479	1.49479	5.43894	13.4522	2.1985	1
cg23362473	PRNP;PRNP;PRNP;PRNP;PRNP	0.0332411	0.487771	1.22752	1.22752	0.706632	0.895874	-1.11623	0.570482	1.18144	1.18144	0.27351	1.39288	1.39288	0.00062227	0.216349	-4.62215	0.637271	1.14811	1.14811	0.721249	0.901062	-1.1098	0.793597	0.926584	-1.07923	0.487198	0.814425	-1.22786	3.93973	5.27645	1.19048	1
cg09425898	PRNT;PRNT;PRNT	1.05E-06	0.206713	0.930066	-1.07519	3.41E-06	1.81422	1.81422	5.65E-07	0.470824	-2.12393	0.000618143	1.33228	1.33228	0.558924	1.0327	1.0327	0.00641415	1.21294	1.21294	4.86E-07	0.463847	-2.15588	0.0922152	0.904023	-1.10617	0.0663946	0.893969	-1.11861	72.4439	3.40055	0.0417249	1
cg26097573	PRNT;PRNT;PRNT	6.63E-06	0.00166669	2.93785	2.93785	0.00119287	3.12133	3.12133	9.98E-05	5.22954	5.22954	0.514182	1.17179	1.17179	2.47E-05	0.133909	-7.46777	0.000297656	4.09995	4.09995	1.18E-06	20.3644	20.3644	5.32E-05	6.09564	6.09564	0.585391	1.14112	1.14112	45.1185	41.0368	0.808473	1
cg23060191	PRO0628;TOP1	0.000240564	0.000719371	0.285838	-3.49848	0.0052685	0.408548	-2.44769	0.0154496	0.48531	-2.06054	0.0236428	1.9298	1.9298	0.00191816	0.343392	-2.91212	0.0015083	0.32878	-3.04155	0.000161501	0.208611	-4.79361	0.0581716	1.68362	1.68362	0.000290501	0.237451	-4.2114	17.4721	16.3823	0.833442	1
cg24344011	PRO0628;TOP1	0.0367185	0.380935	1.21914	1.21914	0.73137	0.926833	-1.07894	0.0965557	0.668805	-1.4952	0.00325917	2.42166	2.42166	0.523994	1.15301	1.15301	0.559906	1.1388	1.1388	0.0499782	1.63699	1.63699	0.50515	0.861488	-1.16078	0.104891	0.676558	-1.47807	3.80042	2.92607	0.684385	1
cg03771844	PRO1768;FOXN3	0.0141737	0.194382	0.66859	-1.49569	0.00170876	0.268937	-3.71835	0.739254	1.10291	1.10291	0.42909	0.789218	-1.26708	0.0663897	0.546763	-1.82895	0.372726	0.764641	-1.3078	0.0986052	1.70083	1.70083	0.0112265	2.53853	2.53853	0.562494	0.842227	-1.18733	5.27844	7.18867	1.21057	1
cg16112467	PRO1768;FOXN3	0.0181163	0.0562241	0.540665	-1.84957	0.00218679	0.294596	-3.39447	0.56414	0.8472	-1.18036	0.665949	0.883794	-1.13149	0.100268	0.59922	-1.66884	0.786237	1.08038	1.08038	0.0426429	1.94213	1.94213	0.0477271	1.90388	1.90388	0.307172	0.74033	-1.35075	4.86458	6.2321	1.13877	1
cg05397697	PRO1768;FOXN3	0.0199956	0.0393257	0.420896	-2.37588	0.000926993	0.166124	-6.01959	0.0779468	0.491179	-2.03592	0.585744	1.2211	1.2211	0.032892	0.40425	-2.47371	0.777475	0.902273	-1.10831	0.39788	0.730387	-1.36914	0.234372	1.57216	1.57216	0.281714	0.666274	-1.50088	4.70491	9.81655	1.85462	1
cg06889165	PRO1768;FOXN3	0.0398495	0.0679794	0.637546	-1.56852	0.0165578	0.524882	-1.90519	0.029331	0.568221	-1.75988	0.269777	1.28796	1.28796	0.0193461	0.536425	-1.86419	0.0263265	0.559826	-1.78627	0.058533	0.624611	-1.601	0.259003	0.771574	-1.29605	0.28472	0.782938	-1.27724	3.68825	2.83255	0.682661	1
cg09196146	PRO1768;FOXN3	0.0401022	0.00917349	0.187517	-5.33286	0.0231984	0.253352	-3.94707	0.261047	0.55266	-1.80943	0.702086	1.21463	1.21463	0.00578035	0.160503	-6.23043	0.160907	0.468774	-2.13322	0.923518	0.952581	-1.04978	0.736565	1.18627	1.18627	0.141826	0.449736	-2.22353	3.67968	14.9162	3.60326	1
cg26718585	PROC	0.000385228	0.43834	0.825136	-1.21192	0.00120241	0.315555	-3.16902	0.0638431	0.602588	-1.65951	0.0018048	0.33991	-2.94196	0.00257748	0.362063	-2.76195	0.0737131	0.615855	-1.62376	8.96E-06	0.096368	-10.3769	0.00512519	0.406938	-2.45738	0.0267805	0.52837	-1.89261	15.3586	14.3808	0.832295	1
cg22856114	PROC	0.000964153	0.150924	0.767294	-1.30328	0.00451883	0.521437	-1.91778	0.000613575	0.40337	-2.47912	0.0568111	1.44915	1.44915	0.000198817	0.341157	-2.93121	0.00107943	0.435772	-2.29478	0.427738	1.14951	1.14951	0.406469	0.864036	-1.15736	0.392945	0.860192	-1.16253	11.8889	5.57611	0.416905	1
cg03744893	PROC	0.00551303	0.697758	0.916588	-1.091	0.668556	0.908353	-1.10089	0.0126161	0.500491	-1.99804	0.742152	1.07647	1.07647	0.000410125	0.285841	-3.49845	0.0383603	1.7084	1.7084	0.0213758	0.539466	-1.85369	0.0229194	0.544778	-1.83561	0.13836	0.700419	-1.42772	7.12238	5.61866	0.701222	1
cg25457027	PROC	0.0147151	0.286352	1.11479	1.11479	0.00112522	1.60094	1.60094	0.881902	1.0147	1.0147	0.0107505	1.36966	1.36966	0.341465	0.908277	-1.10099	0.0710311	1.21889	1.21889	0.285141	1.11512	1.11512	0.0987476	0.837214	-1.19444	0.631301	0.953652	-1.0486	5.21362	0.795413	0.135613	1
cg12250062	PROC	0.0155653	0.0540729	0.51071	-1.95806	0.170647	1.56582	1.56582	0.31446	0.726371	-1.37671	0.488104	1.24169	1.24169	0.000506158	0.188219	-5.31296	0.233429	0.681165	-1.46807	0.209444	1.50164	1.50164	0.765801	0.912283	-1.09615	0.967657	1.01254	1.01254	5.11761	7.65536	1.32968	1
cg09287938	PROC	0.0203691	0.271648	0.816364	-1.22494	0.0244227	0.621608	-1.60873	0.00832807	0.549957	-1.81832	0.632514	1.08917	1.08917	0.00854595	0.55162	-1.81284	0.105699	1.368	1.368	0.185605	1.28257	1.28257	0.20531	0.789049	-1.26735	0.123271	0.743776	-1.34449	4.67539	2.3278	0.442562	1
cg03422204	PROC	0.0275221	0.464137	0.912591	-1.09578	0.568973	1.07322	1.07322	0.000524237	1.94168	1.94168	0.33653	1.12935	1.12935	0.436666	1.10231	1.10231	0.240451	0.859957	-1.16285	0.783337	1.03442	1.03442	0.710106	1.0469	1.0469	0.502898	0.919924	-1.08705	4.21323	1.0056	0.212158	1
cg10021288	PROC	0.0317415	0.127756	0.567239	-1.76292	0.00192658	0.220586	-4.53337	0.0167741	0.366039	-2.73195	0.378112	1.36529	1.36529	0.0678546	0.494499	-2.02225	0.793456	0.913614	-1.09455	0.58993	1.20603	1.20603	0.338289	0.711866	-1.40476	0.926334	1.03235	1.03235	4.00548	7.52067	1.66897	1
cg06038358	PROC;PROC	0.00144723	0.243793	0.628007	-1.59234	0.19307	0.5913	-1.69119	0.000241459	0.0985894	-10.1431	0.80041	1.10146	1.10146	9.70E-05	0.0710701	-14.0706	0.150904	0.555876	-1.79896	0.0036387	0.222967	-4.48497	0.768943	0.893714	-1.11893	0.0778284	0.473518	-2.11185	10.5881	24.4022	2.04861	1
cg18448746	PROCA1	0.003744	0.0642937	3.00301	3.00301	0.000269145	23.6036	23.6036	0.00100586	13.2264	13.2264	0.325858	1.71018	1.71018	0.0213941	4.31667	4.31667	0.0201277	4.4055	4.4055	0.0169165	4.66991	4.66991	0.000887484	5.822	5.822	0.187903	2.09202	2.09202	8.01032	35.497	3.93903	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14676825	PROCA1	0.00490259	0.0193022	10.5593	10.5593	0.00172623	41.427	41.427	0.00845679	16.4513	16.4513	0.044882	6.80375	6.80375	0.0191872	10.5926	10.5926
cg26328589	PROCA1	0.0103164	0.133257	0.65081	-1.53655	0.00213836	3.13912	3.13912	0.369694	1.27675	1.27675	0.548053	1.17492	1.17492	0.97469	0.991622	-1.00845
cg03049691	PROCA1	0.0127695	0.0597749	2.66801	2.66801	0.00497958	5.57007	5.57007	0.00994151	4.50072	4.50072	0.52274	1.34886	1.34886	0.0331424	3.16028	3.16028
cg15734651	PROCA1	0.0344136	0.00294477	0.2643	-3.78358	0.0859227	0.538769	-1.85608	0.160731	0.613685	-1.6295	0.526689	0.811358	-1.2325	0.622209	0.850567	-1.17569
cg02685896	PROCA1;PROCA1	0.0148034	0.0444458	7.62773	7.62773	0.0039975	30.1255	30.1255	0.0159177	13.4472	13.4472	0.0726029	5.83133	5.83133	0.0641803	6.23929	6.23929
cg24841318	PROCA1;PROCA1	0.0272675	0.183643	2.89563	2.89563	0.00517663	16.149	16.149	0.008823	12.342	12.342	0.166424	3.04068	3.04068	0.252809	2.46019	2.46019
cg03152500	PROCR	0.000435567	0.0257329	2.38145	2.38145	0.000523697	5.87674	5.87674	0.038635	2.19165	2.19165	0.600513	0.841059	-1.18898	0.604747	0.84278	-1.18655
cg15400591	PROCR	0.0053988	0.163565	2.04488	2.04488	0.00238774	7.66543	7.66543	0.0137929	4.32534	4.32534	0.686557	0.822692	-1.21552	0.0363592	0.310201	-3.22372
cg16430687	PROCR	0.0106831	0.0152927	5.06305	5.06305	0.0141737	5.19899	5.19899	0.0655311	3.08275	3.08275	0.0744694	2.9518	2.9518	0.794815	1.15252	1.15252
cg23842941	PROCR	0.0252214	0.035065	3.0246	3.0246	0.00800566	4.6262	4.6262	0.113115	2.17536	2.17536	0.621856	1.25117	1.25117	0.17226	0.51952	-1.92485
cg08834018	PRODH	0.000139299	0.000625038	0.420586	-2.37764	0.466751	0.885214	-1.12967	0.000409782	0.396957	-2.51916	0.0235938	0.640793	-1.56057	5.73E-05	0.292572	-3.41796
cg12512005	PRODH	0.000698534	0.00121805	0.258808	-3.86388	0.243148	0.705582	-1.41727	0.352217	0.760825	-1.31436	0.345993	1.31932	1.31932	0.000315832	0.188929	-5.293
cg21545952	PRODH	0.0019527	0.00136889	0.583579	-1.71356	0.0327067	0.748453	-1.33609	0.377713	0.900372	-1.11065	0.00417852	0.64082	-1.5605	0.0459227	0.766992	-1.30379
cg11438552	PRODH	0.00282352	0.303129	0.837092	-1.19461	0.017948	1.61519	1.61519	0.00705244	0.559566	-1.7871	0.127887	0.760017	-1.31576	0.0172858	0.616663	-1.62163
cg02486545	PRODH	0.009991	0.0025226	0.513019	-1.94925	0.896653	0.97953	-1.0209	0.952854	0.990634	-1.00945	0.338485	1.17003	1.17003	0.33508	0.853673	-1.17141
cg03407228	PRODH	0.0145035	0.00477162	0.376362	-2.65702	0.0145434	0.456081	-2.19259	0.0279061	0.507822	-1.96919	0.47423	0.827105	-1.20904	0.00539173	0.384631	-2.59989
cg22297305	PRODH	0.0162829	0.150624	0.903779	-1.10646	0.25739	0.925314	-1.08071	0.1296	0.898043	-1.11353	0.572977	0.963286	-1.03811	0.0607534	0.870373	-1.14893
cg14326354	PRODH	0.0192332	0.00137884	0.256775	-3.89446	0.122335	0.612212	-1.63342	0.163069	0.646428	-1.54696	0.0594695	0.536117	-1.86526	0.002605	0.294584	-3.39462
cg17283826	PRODH	0.0252323	0.0194113	0.464715	-2.15186	0.443696	0.80917	-1.23583	0.0106483	0.418652	-2.38862	0.0613811	0.564685	-1.7709	0.0549029	0.554171	-1.8045
cg27039606	PRODH2	1.15E-06	4.72E-05	0.295695	-3.38186	0.020901	0.643071	-1.55504	0.474882	0.890988	-1.12235	0.34545	0.85698	-1.16689	6.08E-07	0.113371	-8.82061
cg27404050	PRODH2	0.000104191	0.17316	0.741364	-1.34886	0.471736	0.859726	-1.16316	0.00516564	0.466565	-2.14332	0.991966	1.00208	1.00208	0.0357582	0.603824	-1.65611
cg08347471	PRODH2	0.0211273	0.127172	0.72937	-1.37105	0.381177	1.18748	1.18748	0.0409235	0.636756	-1.57046	0.767782	1.05828	1.05828	0.0257572	0.602542	-1.65964
cg18640606	PRODH2	0.0238043	0.0721372	0.277621	-3.60203	0.0235099	0.17775	-5.62589	0.0375827	0.214325	-4.66582	0.921811	0.939241	-1.06469	0.00202689	0.0621004	-16.103
cg17122301	PRODH2	0.0261529	0.0108064	0.662534	-1.50936	0.534493	0.922294	-1.08425	0.0162297	0.68521	-1.45941	0.186255	0.835116	-1.19744	0.00248597	0.582392	-1.71706
cg13468036	PROK1	2.50E-05	0.00642189	2.23805	2.23805	0.0002273	0.248472	-4.02459	0.00856243	0.466666	-2.14286	6.27E-05	0.187297	-5.3391	2.77E-05	0.153144	-6.52982
cg20616196	PROK1	0.00022661	0.00722131	0.712266	-1.40397	0.221427	1.13405	1.13405	0.0289481	0.777222	-1.28663	0.0395974	0.79221	-1.26229	0.923697	1.00942	1.00942
cg21324308	PROK1	0.000679397	0.298904	0.735085	-1.36039	0.00624472	0.361032	-2.76983	0.000643055	0.223759	-4.46909	0.00237915	0.29794	-3.35638	0.000656559	0.224841	-4.44759
cg18434152	PROK1	0.000733215	0.764433	1.09167	1.09167	0.00512593	0.339887	-2.94215	0.00866837	0.376636	-2.65508	0.00282012	0.301004	-3.32222	0.000461843	0.200218	-4.99456
cg13080606	PROK1	0.00198001	0.0453004	0.539197	-1.85461	0.000260393	0.198793	-5.03036	0.000646211	0.244694	-4.08674	0.990318	0.996741	-1.00327	0.000757442	0.253267	-3.9484
cg08535756	PROK1	0.00257983	0.597372	1.17816	1.17816	0.732758	1.11119	1.11119	0.00300181	0.285997	-3.49654	0.159476	0.629749	-1.58793	0.00413268	0.306395	-3.26376
cg22697365	PROK1	0.0269863	0.0337467	0.314645	-3.17819	0.0189952	0.265946	-3.76017	0.038279	0.326365	-3.06405	0.0351681	0.318437	-3.14034	0.0451598	0.342377	-2.92075
cg22799510	PROK2;PROK2	0.000779247	0.520182	0.821037	-1.21797	0.00706624	0.348861	-2.86647	0.000531205	0.195582	-5.11295	0.0103296	0.376298	-2.65747	0.00169027	0.257384	-3.88524
cg20391883	PROK2;PROK2	0.00148133	0.141626	1.57957	1.57957	0.122719	0.616458	-1.62217	0.779486	1.08458	1.08458	0.039582	0.502331	-1.99072	0.0735633	0.561553	-1.78078
cg22264409	PROK2;PROK2	0.00178348	0.880974	1.04296	1.04296	0.0017208	0.284819	-3.511	0.00835175	0.38819	-2.57606	0.643682	1.13971	1.13971	0.000488368	0.215646	-4.63722
cg15798455	PROK2;PROK2	0.00184793	0.420192	1.26504	1.26504	0.193799	1.48066	1.48066	0.00166885	3.60924	3.60924	0.816081	1.06877	1.06877	0.716976	0.901293	-1.10952
cg01904145	PROK2;PROK2	0.00365863	0.00544006	0.101178	-9.88355	0.00902278	0.125012	-7.99921	0.0254632	0.189509	-5.2768	0.0422402	0.23093	-4.33033	0.0114345	0.137721	-7.26104
cg01025398	PROK2;PROK2	0.00420026	0.0612471	2.46725	2.46725	0.126314	2.03041	2.03041	0.00845293	4.22001	4.22001	0.0670478	0.415201	-2.40847	0.53529	0.764265	-1.30845
cg09655952	PROK2;PROK2	0.00782701	0.078722	0.681489	-1.46738	0.035663	0.618666	-1.61638	0.681778	0.922221	-1.08434	0.792857	0.949626	-1.05305	0.192298	0.762587	-1.31133
cg08555612	PROK2;PROK2	0.0273474	0.113674	0.697238	-1.43423	0.973788	0.99314	-1.00691	0.214011	1.31538	1.31538	0.594823	0.893621	-1.11904	0.72623	0.928992	-1.07644
cg24626923	PROKR1	0.0012904	0.799162	0.935865	-1.06853	0.202001	0.704516	-1.41941	0.0215267	0.487826	-2.04991	0.785719	1.07342	1.07342	1.99E-05	0.105867	-9.44582
cg15613917	PROKR1	0.00424432	0.0456946	0.774416	-1.29129	0.00524729	0.663095	-1.50808	0.0147627	0.715473	-1.39768	0.797001	0.971645	-1.02918	0.312793	0.890024	-1.12356
cg25299364	PROKR1	0.00571451	0.682378	0.930303	-1.07492	0.000336833	2.75905	2.75905	0.130662	0.750813	-1.33189	0.0698838	0.700549	-1.42745	0.126884	0.748338	-1.33629
cg03543319	PROKR1	0.00809805	0.418229	0.828562	-1.20691	0.74268	1.07778	1.07778	0.00280743	0.39218	-2.54985	0.358039	0.806635	-1.23972	0.681175	0.910353	-1.09848
cg06320136	PROKR1	0.0245915	0.277852	0.731268	-1.36749	0.0582571	0.55236	-1.81041	0.00292192	0.32175	-3.108	0.832317	0.942891	-1.06057	0.0228576	0.469891	-2.12815
cg19623717	PROKR2	0.000111099	0.932913	0.979507	-1.02092	9.18E-05	0.179429	-5.57324	0.343542	0.786648	-1.27122	0.85423	0.955776	-1.04627	0.0019199	0.339512	-2.9454
cg14352362	PROKR2	0.00018763	0.000875965	0.182781	-5.47102	0.000290004	0.133587	-7.48577	0.00443848	0.274475	-3.64331	0.0208323	0.387776	-2.57881	0.000207288	0.120594	-8.29232
cg10863075	PROKR2	0.00212523	0.361443	0.830104	-1.20467	0.268431	1.25708	1.25708	0.363971	0.830961	-1.20343	0.614707	1.10599	1.10599	0.17649	1.33004	1.33004
cg05075454	PROKR2	0.00365662	0.0146366	0.504751	-1.98117	0.453298	0.840498	-1.18977	0.0122321	0.491674	-2.03387	0.00292443	0.394621	-2.53408	0.249828	0.760683	-1.31461
cg17896229	PROKR2	0.00543544	0.155311	0.739292	-1.35265	0.0238421	0.585276	-1.7086	0.0211395	0.576538	-1.73449	0.191981	0.76006	-1.31569	0.000230484	0.296789	-3.36939
cg10611165	PROKR2	0.0116299	0.0237724	0.227571	-4.39423	0.123955	0.400952	-2.49406	0.0927908	0.362562	-2.75815	0.883013	1.08412	1.08412	0.0128353	0.183561	-5.44777
cg27114120	PROKR2	0.0271647	0.0905629	2.71688	2.71688	0.715867	0.822069	-1.21644	0.824575	0.887815	-1.12636	0.0786665	2.84848	2.84848	0.785233	0.863807	-1.15767
cg04354077	PROKR2	0.0315064	0.0189521	0.095626	-10.4574	0.0474603	0.153639	-6.50876	0.0565768	0.168131	-5.94773	0.430448	0.514366	-1.94414	0.0341403	0.129731	-7.70828
cg00368844	PROKR2	0.0368387	0.0131568	0.224984	-4.44475	0.0127654	0.222871	-4.4869	0.055566	0.348997	-2.86535	0.297194	0.591905	-1.68946	0.0248537	0.273677	-3.65394
cg08712190	PROL1	7.03E-06	2.31E-07	0.028551	-35.0251	0.94721	1.01528	1.01528	1.68E-05	0.131999	-7.57581	0.000106427	0.20883	-4.78857	0.289255	1.28646	1.28646
cg02741177	PROL1	0.00086511	3.26E-05	0.115789	-8.63638	0.0565801	0.56199	-1.77939	0.00183281	0.306691	-3.26061	0.00325192	0.342502	-2.91969	0.313834	0.757196	-1.32066
cg06585690	PROL1	0.00163437	0.000200196	0.310507	-3.22054	0.110747	0.72213	-1.38479	0.438721	1.15947	1.15947	0.00127178	0.414511	-2.41248	0.0912664	0.705794	-1.41684
cg21647189	PROM1;PROM1	0.00194444	0.0914699	0.518315	-1.92933	0.00962795	0.31388	-3.18593	0.13276	0.563516	-1.77457	0.049623	0.452943	-2.20778	0.0234089	0.383805	-2.60549
cg07656173	PROM1;PROM1	0.00442205	0.605346	0.844021	-1.1848	0.00749883	0.326386	-3.06386	0.430265	0.769577	-1.29942	0.0465739	0.47642	-2.09899	0.168014	0.62003	-1.61282
cg00708789	PROM1;PROM1	0.027063	0.0105929	0.106322	-9.40542	0.0382297	0.187389	-5.3365	0.345904	0.508244	-1.96756	0.341466	0.504884	-1.98065	0.00763303	0.091499	-10.9291
cg08855742	PROM1;PROM1	0.0425321	0.0754297	0.571453	-1.74992	0.432668	0.797415	-1.25405	0.6742	0.887331	-1.12697	0.0365628	0.50315	-1.98748	0.249387	0.711519	-1.40544
cg09024126	PROM1;PROM1;PROM1	0.0384725	0.166713	2.54332	2.54332	0.185037	0.410674	-2.43502	0.467951	1.59613	1.59613	0.171331	2.5146	2.5146	0.546081	0.679238	-1.47224
cg20576510	PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1	0.000138633	0.14751	0.806251	-1.24031	0.00222333	1.81087	1.81087	0.55623	1.08597	1.08597	0.480954	0.905495	-1.10437	0.553308	1.08665	1.08665
cg14527610	PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1	0.00055082	0.00629048	0.512269	-1.9521	0.0716162	0.685184	-1.45946	0.158033	0.753021	-1.32798	0.171118	0.760426	-1.31505	6.39E-05	0.251162	-3.98149
cg10075923	PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1	0.00187564	0.0359028	0.749311	-1.33456	0.0147905	0.701439	-1.42564	0.00466287	0.640915	-1.56027	0.000179442	0.472346	-2.11709	0.000262366	0.491968	-2.03265
cg20731031	PROM2;PROM2;PROM2	0.00683161	0.938745	1.02634	1.02634	0.767256	1.1056	1.1056	0.370627	0.732737	-1.36475	0.528679	1.24098	1.24098	0.00365941	0.264647	-3.77861
cg13650484	PROM2;PROM2;PROM2	0.01205	0.700278	1.04383	1.04383	0.824804	0.975712	-1.02489	0.692553	1.04506	1.04506	0.976756	1.00324	1.00324	0.168028	1.17697	1.17697
cg17472832	PROM2;PROM2;PROM2	0.018495	0.71213	1.0737	1.0737	0.025797	0.601751	-1.66182	0.00133064	0.408472	-2.44815	0.560867	1.11944	1.11944	0.448528	0.862268	-1.15973
cg02783833	PROM2;PROM2;PROM2	0.0269195	0.126101	0.793761	-1.25982	0.195573	1.21049	1.21049	0.231108	0.839201	-1.19161	0.672541	0.942396	-1.06113	0.222662	0.836237	-1.19583
cg09301143	PROM2;PROM2;PROM2	0.0307125	0.470985	0.81961	-1.22009	0.59295	0.863835	-1.15763	0.268718	0.731627	-1.36682	0.209676	0.698617	-1.4314	0.0194667	0.464784	-2.15154
cg14344110	PROM2;PROM2;PROM2	0.0397482	0.00179535	0.181257	-5.51704	0.667741	1.18061	1.18061	0.233501	0.618618	-1.61651	0.540893	0.7882	-1.26871	0.0111254	0.294132	-3.39983
cg25241038	PROM2;PROM2;PROM2	0.0446568	0.631101	1.18322	1.18322	0.597968	1.20327	1.20327	0.514365	0.794586	-1.25852	0.355181	1.392	1.392	0.00085102	0.174963	-5.71549
cg07806248	PROP1	8.82E-05	0.064401	1.80066	1.80066	2.62E-05	0.0948447	-10.5436	0.000643206	0.22706	-4.40412	0.434992	0.79814	-1.25291	0.000298309	0.18898	-5.29156
cg10205430	PROP1	0.00110636	0.00209018	0.185813	-5.38176	0.000250473	0.0955733	-10.4632	0.000605785	0.248274	-4.02781	0.387061	0.708496	-1.41144	0.00244462	0.194207	-5.14914
cg24870096	PROP1	0.00111321	0.236949	0.58208	-1.71798	0.021477	0.299262	-3.34155	0.00703782	0.218367	-4.57945	0.088056	0.439504	-2.27529	0.00042757	0.087579	-11.4183
cg00930194	PROP1	0.00441373	0.857972	0.955544	-1.04652	0.000857447	0.280527	-3.56472	0.000825007	0.278359	-3.59248	0.00702116	0.412775	-2.42263	0.421177	0.811712	-1.23196
cg11916054	PROP1	0.0480615	0.591717	1.37087	1.37087	0.478715	0.657317	-1.52134	0.0127661	0.164887	-6.06478	0.0608413	0.291948	-3.42526	0.789947	1.1683	1.1683
cg18007806	PROP1;PROP1	0.0130216	0.129104	0.557812	-1.79272	0.00102758	0.176987	-5.65015	0.0406309	0.431096	-2.31967	0.382383	0.726974	-1.37556	0.0234641	0.381582	-2.62067
cg21478490	PROP1;PROP1	0.0148411	0.0183263	1.9603	1.9603	0.031711	0.553168	-1.80777	0.00496616	0.41707	-2.39768	0.0666121	0.616557	-1.62191	0.0708813	1.60722	1.60722
cg03680898	PROS1	1.28E-05	0.00083221	0.490323	-2.03947	0.000209788	0.41545	-2.40703	4.07E-05	0.329844	-3.03174	0.00978937	0.629578	-1.58837	2.10E-07	0.107822	-9.27453
cg02944578	PROS1	0.0023303	0.29787	1.1394	1.1394	0.0617385	0.775351	-1.28974	0.0394756	0.749737	-1.3338	0.345808	0.88922	-1.12458	0.685948	1.05039	1.05039
cg10959048	PROS1	0.00417833	0.0060238	0.448425	-2.23003	0.0847763	0.653082	-1.5312	0.0150183	0.512647	-1.95066	0.00583204	0.446242	-2.24094	0.000334587	0.274391	-3.64443
cg02542207	PROS1	0.00997773	0.0129531	0.486183	-2.05684	0.460956	0.839038	-1.19184	0.00195731	0.359272	-2.78341	0.211546	0.735111	-1.36034	0.399007	1.22371	1.22371
cg03451959	PROS1	0.0191101	0.961175	1.01317	1.01317	0.00294523	0.333616	-2.99746	0.00629732	0.384156	-2.60311	0.897425	1.03528	1.03528	0.510026	0.835547	-1.19682
cg09400966	PROS1;PROS1	0.00861543	0.000826304	1.30404	1.30404	0.00876814	1.1924	1.1924	0.222937	1.06984	1.06984	0.246734	1.06593	1.06593	0.35432	1.05151	1.05151
cg18793571	PROSC	0.00132869	0.360797	1.19074	1.19074	0.120541	0.731327	-1.36738	0.722164	0.935809	-1.06859	0.0121891	0.559655	-1.78681	0.661895	0.921486	-1.0852
cg03995337	PROSC	0.00886226	0.0509713	0.751042	-1.33148	0.0569256	0.757708	-1.31977	0.117522	0.80338	-1.24474	0.434879	1.10805	1.10805	0.00037644	0.480932	-2.0793
cg10620501	PROSC	0.0172843	0.00667056	0.760827	-1.31436	0.166786	1.12129	1.12129	0.032941	1.21376	1.21376	0.784732	0.97896	-1.02149	0.121739	1.13915	1.13915
cg01902845	PROX1	0.00109765	0.000208946	0.25746	-3.88409	0.0549908	0.621314	-1.60949	0.00145769	0.365854	-2.73333	0.000207675	0.257148	-3.88881	0.0957623	0.670207	-1.49208
cg04976324	PROX1	0.00403597	0.00490301	0.310897	-3.2165	0.0607849	1.90543	1.90543	0.636906	1.15313	1.15313	0.02184	0.428268	-2.33498	?	?	?
cg00001364	PROX1	0.0102958	0.00530934	0.136146	-7.34506	0.0103667	0.173347	-5.76877	0.0366886	0.267795	-3.73419	0.103347	0.380226	-2.63002	0.0200052	0.217906	-4.58913
cg03957440	PROX1	0.0113221	0.160699	0.711963	-1.40457	0.022628	0.53856	-1.8568	0.0198271	0.52848	-1.89222	0.272708	1.29542	1.29542	0.00862459	0.467966	-2.13691
cg10827893	PROX1	0.0123658	0.0515681	0.767158	-1.30351	0.0175086	0.707586	-1.41326	0.00405305	1.58663	1.58663	0.716028	0.95724	-1.04467	0.526067	1.07988	1.07988
cg18345456	PROX1	0.0147012	0.00297823	0.237934	-4.20284	0.0800701	0.504498	-1.98217	0.0329599	0.415311	-2.40783	0.0415783	0.437003	-2.28832	0.00315664	0.241413	-4.14228
cg23260547	PROX1	0.0193789	0.00313683	0.415015	-2.40955	0.999777	0.999939	-1.00006	0.686325	1.09244	1.09244	0.126527	0.697714	-1.43325	0.2896	1.27045	1.27045
cg03141679	PROX1	0.0238508	0.00300967	0.0556962	-17.9545	0.0184061	0.131284	-7.61708	0.0413111	0.188071	-5.31714	0.082814	0.25571	-3.91067	0.0468353	0.198772	-5.0309
cg23992410	PROX1	0.0480521	0.126565	0.569549	-1.75578	0.177452	0.613734	-1.62937	0.864266	0.943389	-1.06001	0.986455	0.994235	-1.0058	0.0270606	0.410062	-2.43866
cg22176895	PROX1;PROX1	0.00924819	0.584629	0.939477	-1.06442	0.00463374	0.65311	-1.53114	0.407607	1.10054	1.10054	0.247022	0.872058	-1.14671	0.543675	1.07199	1.07199
cg10165162	PROX2	0.00087446	0.000141044	0.16284	-6.14098	0.0249622	0.478489	-2.08991	0.00772254	0.388462	-2.57425	0.0821171	0.587313	-1.70267	0.00104209	0.261531	-3.82363
cg01238865	PROZ	0.000640685	0.000165345	0.406003	-2.46303	0.00181813	0.536656	-1.86339	0.00151206	0.526406	-1.89968	0.000947913	0.500587	-1.99766	0.40065	0.886211	-1.1284
cg18105134	PROZ	0.00152734	0.225477	0.726749	-1.37599	0.283918	0.756446	-1.32197	0.0292134	0.525065	-1.90452	0.0142293	0.4685	-2.13447	0.000401304	0.243762	-4.10236
cg00898013	PROZ	0.0018585	0.924489	1.02402	1.02402	0.728858	0.916546	-1.09105	0.0191586	0.491735	-2.03361	0.791822	0.935904	-1.06849	0.000244694	0.219176	-4.56255
cg17845200	PROZ	0.00779356	0.850815	0.954373	-1.04781	0.021396	1.98528	1.98528	0.0546582	1.71713	1.71713	0.323626	0.77658	-1.2877	0.00116261	0.306351	-3.26423
cg04850479	PROZ	0.0113242	0.347261	0.647862	-1.54354	0.060543	0.387072	-2.5835	0.0141981	0.257451	-3.88424	0.925374	1.04291	1.04291	0.00465921	0.184941	-5.40712
cg09878269	PROZ	0.0169126	0.00987701	0.174356	-5.73538	0.00692209	0.153748	-6.50414	0.0165715	0.208478	-4.79667	0.0539785	0.309763	-3.22828	0.0294297	0.253077	-3.95136
cg08143803	PROZ	0.0191782	0.194383	0.858864	-1.16433	0.0267622	0.747652	-1.33752	0.404203	1.09921	1.09921	0.160953	0.847096	-1.1805	0.193565	0.858596	-1.16469
cg20076468	PROZ	0.031392	0.747621	0.94443	-1.05884	0.013119	0.579985	-1.72418	0.676292	0.928338	-1.07719	0.952639	1.01057	1.01057	0.022147	0.615231	-1.62541
cg17895511	PROZ	0.0361104	0.879649	1.06391	1.06391	0.0755619	2.24531	2.24531	0.883827	1.06161	1.06161	0.966124	0.982785	-1.01752	0.00286281	0.186793	-5.35352
cg16136079	PROZ	0.0363415	0.832606	1.09245	1.09245	0.256362	0.609609	-1.6404	0.322781	0.65268	-1.53214	0.632296	0.817589	-1.22311	0.04535	0.383264	-2.60917
cg12172163	PROZ	0.0486551	0.00772549	0.309328	-3.23281	0.549009	0.812281	-1.2311	0.583618	0.827127	-1.209	0.77355	0.905813	-1.10398	0.002115	0.227235	-4.40073
cg08548172	PRPF18	5.30E-06	8.22E-06	0.315314	-3.17144	1.76E-06	0.242841	-4.11791	4.11E-05	0.395703	-2.52715	0.3049	1.13426	1.13426	3.17E-06	0.269891	-3.70519
cg11673920	PRPF18	0.00182827	0.000487492	0.669352	-1.49398	0.224893	0.910624	-1.09815	0.210604	1.10174	1.10174	0.476621	0.948233	-1.05459	0.00375735	0.750283	-1.33283
cg13405485	PRPF18	0.00622118	0.195882	1.42075	1.42075	0.561964	0.860232	-1.16248	0.217882	0.716902	-1.39489	9.02E-05	0.165595	-6.03883	0.974852	1.00813	1.00813
cg13369337	PRPF18	0.00775743	0.00849144	0.221969	-4.50513	0.180593	0.528872	-1.89082	0.0212543	0.289199	-3.45783	0.090786	0.433954	-2.30439	0.00290053	0.159726	-6.2607
cg02475834	PRPF18	0.0237337	0.00119409	0.410917	-2.43358	0.485904	1.14179	1.14179	0.870482	0.969904	-1.03103	0.991771	0.998071	-1.00193	0.125121	0.732805	-1.36462
cg03595899	PRPF18	0.0241935	0.0267801	0.646124	-1.54769	0.0802055	0.72391	-1.38139	0.0254535	0.64271	-1.55591	0.402502	1.15329	1.15329	0.00512828	0.540385	-1.85053
cg07209624	PRPF18	0.0292567	0.0857494	0.281436	-3.5532	0.026743	0.173378	-5.76775	0.0261588	0.171784	-5.82127	0.482463	0.620903	-1.61056	0.0178999	0.146435	-6.82897
cg12015124	PRPF18;PRPF18	0.0300848	0.751342	1.0563	1.0563	0.0470138	0.675925	-1.47946	0.0203984	0.617831	-1.61857	0.291707	1.20743	1.20743	0.132558	1.32265	1.32265
cg07505334	PRPF18;PRPF18	0.0381246	0.00552283	0.260211	-3.84304	0.914588	1.0404	1.0404	0.576707	1.23142	1.23142	0.149104	1.77024	1.77024	0.00694647	0.27546	-3.63029
cg00475085	PRPF19	0.000272989	0.74673	1.0245	1.0245	9.91E-05	1.67555	1.67555	0.0273297	1.21534	1.21534	0.00917477	1.28034	1.28034	0.0192266	0.809327	-1.23559
cg00778920	PRPF19	0.00109405	0.000703465	0.489092	-2.04461	0.00578385	0.606121	-1.64984	0.77552	0.961183	-1.04038	0.370222	0.880365	-1.13589	7.19E-05	0.367363	-2.7221
cg25871843	PRPF19	0.00601307	0.00049662	0.502797	-1.98887	0.0871988	1.26902	1.26902	0.268975	1.15631	1.15631	0.11875	1.23816	1.23816	0.0472066	1.33171	1.33171
cg15720675	PRPF3	5.95E-05	0.00565321	0.449376	-2.22531	0.798669	1.05792	1.05792	0.000214974	0.256416	-3.89991	0.375338	1.22193	1.22193	2.69E-06	0.0831867	-12.0212
ch.1.2890724F	PRPF3	0.0181394	0.0556473	0.768909	-1.30054	0.0243079	0.722314	-1.38444	0.00600307	0.647204	-1.54511	0.343699	0.888521	-1.12547	0.00149884	0.574327	-1.74117
cg04632683	PRPF31;TFPT	0.00259289	0.242537	0.575822	-1.73665	0.0026532	0.153162	-6.52902	0.493907	0.730869	-1.36823	0.825794	0.905308	-1.1046	0.000152837	0.0533827	-18.7327
cg25814432	PRPF31;TFPT	0.00388209	0.27666	0.856267	-1.16786	0.104511	0.783996	-1.27552	0.40714	0.890218	-1.12332	0.191206	1.20899	1.20899	0.3743	0.88244	-1.13322
cg06815666	PRPF31;TFPT	0.00862344	0.0105543	0.302923	-3.30117	0.403669	1.37333	1.37333	0.971722	1.01325	1.01325	0.00754331	0.279081	-3.58319	0.0160581	0.334897	-2.98599
cg13650689	PRPF31;TFPT	0.0102249	0.922578	1.01159	1.01159	0.372741	1.11459	1.11459	0.000250652	2.04639	2.04639	0.211578	1.16886	1.16886	0.385855	1.11115	1.11115
cg26832879	PRPF31;TFPT	0.0117225	0.0618944	0.344895	-2.89943	0.0314728	0.27877	-3.58719	0.127533	0.434176	-2.30321	0.214215	0.515768	-1.93886	0.00239265	0.117342	-8.52207
cg16659026	PRPF31;TFPT	0.025312	0.00837062	0.0355323	-28.1434	0.0537707	0.114249	-8.75283	0.0818619	0.148078	-6.7532	0.0909574	0.158095	-6.32533	0.00577004	0.0277812	-35.9956
cg05944623	PRPF31;TFPT;PRPF31	0.009088	0.206918	0.908578	-1.10062	0.166697	0.899242	-1.11205	0.00609947	0.772705	-1.29416	0.265925	0.91989	-1.08709	0.596243	1.03927	1.03927
cg13396246	PRPF31;TFPT;PRPF31	0.00946083	0.0391861	0.862288	-1.15971	0.670318	1.02694	1.02694	0.935656	1.00503	1.00503	0.00731023	0.806752	-1.23954	0.039102	0.862216	-1.1598
cg04417471	PRPF31;TFPT;PRPF31	0.0227337	?	?	?	0.00515059	0.238397	-4.19468	0.902594	0.961809	-1.03971	?	?	?	?	?	?
cg03003601	PRPF38A	0.00627504	0.00807018	0.201567	-4.96112	0.322356	1.62021	1.62021	0.0089962	0.208497	-4.79624	0.0832423	0.404468	-2.47238	0.00408044	0.162125	-6.16807
cg24004447	PRPF38A	0.0413123	0.205755	0.648965	-1.54092	0.167117	0.620604	-1.61133	0.0673686	0.514813	-1.94245	0.738522	1.11462	1.11462	0.222536	1.51472	1.51472
cg17146111	PRPF38A;ORC1L	0.00264983	0.544823	0.944485	-1.05878	0.0943953	0.842523	-1.18691	0.383324	0.920064	-1.08688	0.00334174	0.68922	-1.45092	0.00187656	0.663049	-1.50819
cg25605769	PRPF38A;ORC1L	0.0242004	0.544451	0.931433	-1.07361	0.0856683	0.802552	-1.24602	0.101597	0.812585	-1.23064	0.240985	1.15273	1.15273	0.921474	1.01148	1.01148
cg09368670	PRPF38B	4.18E-07	1.02E-08	0.0111309	-89.8404	0.269714	1.19245	1.19245	0.124757	1.29182	1.29182	0.65168	1.07168	1.07168	?	?	?
cg02913884	PRPF38B	0.0038362	0.265371	0.831756	-1.20228	0.0192449	0.637999	-1.5674	0.81136	1.03868	1.03868	7.69E-05	0.320834	-3.11687	0.00777284	0.581317	-1.72023
cg20706196	PRPF38B	0.0211482	0.199319	0.561187	-1.78194	0.364251	1.48761	1.48761	0.303594	0.635141	-1.57445	0.308071	0.63799	-1.56742	0.00185253	0.152236	-6.56876

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14676825	0.0166702	11.4101	11.4101	0.00177734	40.6872	40.6872	0.0025428	32.7298	32.7298	0.0159676	11.6739	11.6739	7.38278	81.1184	9.76668	1
cg26328589	0.0515027	1.80016	1.80016	0.00619797	0.388081	-2.57678	0.438803	1.23297	1.23297	0.0742935	0.590123	-1.69456	5.85196	6.51869	0.990162	1
cg03049691	0.0261336	3.38457	3.38457	0.00169942	7.93198	7.93198	0.0236886	3.48232	3.48232	0.0945233	2.33746	2.33746	5.46194	18.4632	3.00474	1
cg15734651	0.0201068	0.400998	-2.49378	0.793431	0.918031	-1.08929	0.267733	1.4568	1.4568	0.0280304	0.42923	-2.32975	3.89082	6.5446	1.49517	1
cg02685896	0.0270435	10.0162	10.0162	0.00314932	34.8953	34.8953	0.0132357	14.9217	14.9217	0.0562551	6.70594	6.70594	5.20333	63.855	10.9084	1
cg24841318	0.0639313	4.80403	4.80403	0.0106818	11.2318	11.2318	0.0255005	7.39387	7.39387	0.0395136	6.01793	6.01793	4.22701	38.0296	7.99717	1
cg03152500	0.862789	0.944908	-1.0583	2.11E-05	16.5626	16.5626	0.00306475	3.77474	3.77474	0.00215443	4.10109	4.10109	14.847	25.2346	1.5108	1
cg15400591	0.103596	0.424693	-2.35464	0.0168744	0.245984	-4.06531	0.531032	1.35702	1.35702	0.0180969	3.97931	3.97931	7.16829	26.2785	3.25861	1
cg16430687	0.0279272	4.11571	4.11571	0.000905729	14.934	14.934	0.00949799	5.9878	5.9878	0.0253338	4.25483	4.25483	5.78671	27.1896	4.17656	1
cg23842941	0.983994	0.990999	-1.00908	0.0302681	3.15222	3.15222	0.0208306	3.50352	3.50352	0.0191897	3.58637	3.58637	4.34388	13.9765	2.86001	1
cg08834018	0.75099	1.05381	1.05381	1.42E-05	0.225564	-4.43333	0.00202636	0.488402	-2.0475	0.00676827	0.561086	-1.78226	20.2567	8.69586	0.381585	1
cg12512005	0.784879	0.924847	-1.08126	3.99E-05	0.10623	-9.41351	0.0925016	0.5894	-1.69664	0.0234858	0.461771	-2.16558	13.0186	16.8103	1.14778	1
cg21545952	0.00553728	0.655303	-1.52601	0.00507727	1.53648	1.53648	0.00230882	0.610378	-1.63833	0.294885	0.881651	-1.13424	9.70933	2.06738	0.189269	1
cg11438552	0.51638	0.896109	-1.11594	0.000194827	0.351718	-2.84319	0.615534	1.08808	1.08808	0.0303239	0.654118	-1.52878	8.71337	3.8355	0.391275	1
cg02486545	0.991965	1.0016	1.0016	0.00603301	1.76989	1.76989	0.0368654	1.47086	1.47086	0.020719	1.55775	1.55775	5.91232	2.37177	0.356584	1
cg03407228	0.146755	0.666168	-1.50112	0.0029095	0.343962	-2.9073	0.317196	0.763618	-1.30956	0.0949927	0.619686	-1.61372	5.2386	5.64427	0.957723	1
cg22297305	0.0377761	0.853665	-1.17142	0.000294261	0.678869	-1.47304	0.211415	0.917171	-1.09031	0.0645162	0.872512	-1.14612	5.0415	0.344359	0.0607154	1
cg14326354	0.290778	0.72523	-1.37887	0.884712	1.04343	1.04343	0.311856	0.735949	-1.35879	0.0955472	0.584744	-1.71015	4.76735	6.48392	1.20895	1
cg17283826	0.0121772	0.428645	-2.33293	0.00710116	0.389438	-2.5678	0.0221228	0.475231	-2.10424	0.131571	0.643149	-1.55485	4.34323	5.05731	1.03503	1
cg27039606	0.369401	1.15769	1.15769	3.49E-08	0.0432941	-23.0978	0.71526	1.05992	1.05992	0.000747736	0.443697	-2.25379	70.6939	28.2485	0.35519	1
cg27404050	0.395904	0.835683	-1.19663	1.01E-06	0.0707789	-14.1285	0.186458	1.33532	1.33532	0.772326	1.06173	1.06173	21.8986	14.7847	0.600126	1
cg08347471	0.294394	1.23127	1.23127	0.0871928	1.43517	1.43517	0.00300493	0.459155	-2.17791	0.431925	0.857754	-1.16584	4.61749	2.6763	0.515201	1
cg18640606	0.646709	0.744792	-1.34266	0.00968708	0.123724	-8.08252	0.858303	0.892167	-1.12087	0.0993689	0.315591	-3.16865	4.43194	28.6141	5.73896	1
cg17122301	0.0447536	0.743603	-1.3448	0.030107	0.720387	-1.38814	0.411718	0.897693	-1.11397	0.115159	0.802311	-1.2464	4.28927	1.12321	0.23277	1
cg13468036	0.022036	0.535779	-1.86644	3.85E-06	0.0865974	-11.5477	0.221208	1.33939	1.33939	0.0114884	0.487485	-2.05134	31.9518	26.1301	0.72693	1
cg20616196	2.72E-06	0.331707	-3.01471	0.166439	0.865537	-1.15535	0.684763	0.960841	-1.04076	0.439885	1.08015	1.08015	17.7585	2.69413	0.134853	1
cg21324308	0.00142994	0.267583	-3.73716	0.00016816	0.16033	-6.23713	0.30592	1.35394	1.35394	0.0395645	0.506385	-1.97478	13.1203	16.9793	1.15034	1
cg18434152	0.000143287	0.147676	-6.77158	0.000395453	0.192693	-5.1896	0.059322	0.537245	-1.86135	0.012773	0.405436	-2.46648	12.8429	17.3245	1.19908	1
cg13080606	0.0656287	0.573657	-1.7432	0.0352762	0.517116	-1.9338	0.0174366	0.459093	-2.17821	0.241777	0.719239	-1.39036	9.67016	11.0808	1.01856	1
cg08535756	0.00225633	0.268535	-3.72391	0.000216571	0.149824	-6.67448	0.504591	0.811979	-1.23156	0.32295	0.73049	-1.36894	8.94881	13.4097	1.33199	1
cg22697365	0.0676161	0.384864	-2.59832	0.00417202	0.166896	-5.99176	0.015845	0.252029	-3.96779	0.332535	0.627381	-1.59393	4.24242	14.6138	3.06194	1
cg22799510	0.00400909	0.310479	-3.22083	4.33E-05	0.0955602	-10.4646	0.0961767	0.575428	-1.73784	0.0235667	0.44134	-2.26583	12.6251	18.2968	1.28821	1
cg20391883	0.956805	1.01579	1.01579	7.88E-05	0.126844	-7.88369	0.00452441	2.98711	2.98711	0.0499993	0.523864	-1.90889	10.5174	13.9376	1.17795	1
cg22264409	0.00760037	0.381449	-2.62159	0.00107711	0.257784	-3.87922	0.261685	1.38904	1.38904	0.0563581	0.545181	-1.83425	9.96839	12.4445	1.10969	1
cg15798455	0.0612396	1.82592	1.82592	0.115424	0.613501	-1.62999	5.68E-05	8.44656	8.44656	0.0807453	1.73823	1.73823	9.86626	12.7341	1.14726	1
cg01904145	0.00982829	0.129478	-7.72331	0.000313916	0.0257581	-38.8227	0.00621076	0.107013	-9.34466	0.0101829	0.131369	-7.61214	8.06597	50.1249	5.52388	1
cg01025398	0.35342	1.5051	1.5051	0.0285958	0.330895	-3.02211	0.000428653	10.8781	10.8781	0.12627	2.03061	2.03061	7.73756	22.4705	2.5814	1
cg09655952	0.114365	0.713712	-1.40113	0.0329863	0.61279	-1.63188	0.000529205	2.88648	2.88648	0.811944	0.954269	-1.04792	6.38791	3.90226	0.543007	1
cg08555612	0.203756	0.75499	-1.32452	0.164386	0.732829	-1.36458	0.00263595	2.39189	2.39189	0.0347451	1.67479	1.67479	4.22267	2.93595	0.618029	1
cg24626923	0.531962	1.17891	1.17891	0.158282	1.48013	1.48013	0.335789	0.772565	-1.29439	0.0300056	0.514966	-1.94187	10.9423	11.7137	0.951555	1
cg15613917	0.637218	0.948373	-1.05444	0.000505784	1.83397	1.83397	0.308046	0.888932	-1.12495	0.155569	0.844033	-1.18479	7.71319	1.52113	0.175299	1
cg25299364	0.0254404	0.627296	-1.59414	0.264777	1.22639	1.22639	0.210822	1.26049	1.26049	0.525827	0.893266	-1.11949	7.04422	3.43949	0.43402	1
cg03543319	0.00338235	0.404116	-2.47454	0.0110545	2.06378	2.06378	0.305148	1.27305	1.27305	0.0381888	0.579148	-1.72667	6.31987	5.17359	0.727666	1
cg06320136	0.767718	0.921137	-1.08561	0.205366	0.690347	-1.44855	0.113915	0.62065	-1.61122	0.00348983	0.333134	-3.0018	4.38225	5.33867	1.08289	1
cg19623717	0.0082646	0.435783	-2.29472	0.167471	0.696373	-1.43601	2.17E-05	8.16266	8.16266	0.0112072	2.18493	2.18493	21.5253	20.6202	0.851513	1
cg14352362	0.00288215	0.247635	-4.0382	1.27E-05	0.0438368	-22.8119	0.00406845	0.268912	-3.71869	0.00192995	0.224341	-4.4575	18.6918	34.3362	1.63286	1
cg10863075	0.0217504	0.578848	-1.72757	0.00436069	0.469574	-2.12959	0.000244659	3.33056	3.33056	0.0188437	0.56853	-1.75892	9.47257	5.9105	0.554631	1
cg05075454	0.578157	1.13629	1.13629	0.526425	0.864163	-1.15719	0.000212783	0.2448	-4.08496	0.00851416	0.465938	-2.14621	8.0673	6.6098	0.728296	1
cg17896229	0.11865	0.714276	-1.40002	0.0345951	1.63141	1.63141	0.991978	0.998005	-1.002	0.405082	0.844326	-1.18438	7.15343	4.47051	0.555508	1
cg10611165	0.296517	0.552245	-1.81079	0.000468761	0.0489832	-20.4152	0.138933	0.417382	-2.39589	0.0159785	0.198258	-5.04393	5.63036	26.8339	4.23639	1
cg27114120	0.0956938	0.374972	-2.66687	0.00896585	0.168395	-5.93842	0.0183827	4.6335	4.6335	0.172065	0.458809	-2.17955	4.23262	19.258	4.04435	1
cg04354077	0.757773	0.774485	-1.29118	0.00310746	0.0353784	-28.2658	0.0615126	0.17551	-5.69769	0.0342118	0.12987	-7.69999	4.01614	43.409	9.60767	1
cg00368844	0.195658	0.514774	-1.9426	0.00903729	0.199852	-5.00371	0.0534708	0.344978	-2.89873	0.117037	0.43773	-2.28451	3.7959	14.1542	3.31449	1
cg08712190	0.000830551	0.31591	-3.16546	0.00762462	0.455858	-2.19366	0.468619	0.844638	-1.18394	6.57E-05	0.186914	-5.35006	44.4405	36.9049	0.738165	1
cg02741177	0.065342	0.575586	-1.73736	0.0271351	0.497402	-2.01045	0.859727	0.953868	-1.04836	0.00103379	0.27315	-3.66099	12.2588	13.8413	1.00364	1
cg06585690	0.00212163	0.445236	-2.246	0.00162536	0.429135	-2.33027	0.204823	0.778305	-1.28484	0.0143586	0.568117	-1.7602	10.2235	5.68268	0.494085	1
cg21647189	0.0233657	0.383648	-2.60656	4.23E-05	0.0636848	-15.7023	0.00272944	0.231552	-4.31869	0.0466437	0.446828	-2.238	9.72133	19.251	1.76026	1
cg07656173	0.0362701	0.452936	-2.20782	0.000149649	0.120175	-8.32119	0.0428025	0.468361	-2.13511	0.00376745	0.280282	-3.56783	7.61799	12.7692	1.48995	1
cg00708789	0.398569	0.547388	-1.82686	0.0049301	0.074526	-13.4181	0.147271	0.338147	-2.95729	0.0234277	0.151399	-6.60506	4.2382	32.6297	6.84352	1
cg08855742	0.0381294	0.506876	-1.97287	0.00151843	0.274971	-3.63675	0.259768	0.717231	-1.39425	0.135822	0.634806	-1.57528	3.60046	4.55784	1.12525	1
cg09024126	0.773319	1.20064	1.20064	0.00391948	0.0856048	-11.6816	0.832308	0.874372	-1.14368	0.0348887	4.74302	4.74302	3.73619	23.72	5.6433	1
cg20576510	0.260767	1.17649	1.17649	1.47E-05	0.28715	-3.4825	0.940982	0.989792	-1.01031	4.87E-05	0.347023	-2.88165	20.2828	6.1688	0.270345	1
cg14527610	0.000847964	0.389587	-2.56682	0.000155413	0.296009	-3.37827	0.722947	1.06919	1.06919	0.0025121	0.454416	-2.20063	13.9114	7.78226	0.49726	1
cg10075923	0.248851	0.867172	-1.15317	0.636194	0.945218	-1.05796	0.0243058	0.728028	-1.37357	0.123425	0.820937	-1.21812	9.82369	2.17512	0.196814	1
cg20731031	0.829172	0.929519	-1.07582	0.000185896	0.118286	-8.45408	0.837887	0.933052	-1.07175	0.184661	0.62132	-1.60948	6.66549	12.078	1.61069	1
cg13650484	0.0253136	1.34299	1.34299	0.00022843	1.97206	1.97206	0.336656	0.895956	-1.11613	0.539816	1.07126	1.07126	5.56598	1.08422	0.173151	1
cg17472832	0.616064	0.907553	-1.10186	0.042068	1.5674	1.5674	0.150425	0.743977	-1.34413	0.122774	0.72555	-1.37827	4.8308	2.81653	0.518255	1
cg02783833	0.252643	1.18147	1.18147	0.00238725	1.80547	1.80547	0.424419	1.12058	1.12058	0.0641586	0.74804	-1.33683	4.24611	1.30977	0.274189	1
cg09301143	0.00237449	0.316805	-3.15652	0.0531124	1.81508	1.81508	0.77189	1.08205	1.08205	0.378933	0.782808	-1.27745	4.05286	4.7234	1.03595	1
cg14344110	0.938061	0.970561	-1.03033	0.49629	1.30421	1.30421	0.671966	0.848942	-1.17794	0.437328	0.73739	-1.35613	3.69171	8.64352	2.08118	1
cg25241038	0.687	0.868616	-1.15126	0.83748	0.93107	-1.07403	0.585046	1.21135	1.21135	0.4759	0.777176	-1.28671	3.53564	6.77118	1.70233	1
cg07806248	3.53E-05	0.104277	-9.58987	0.00249301	0.304368	-3.2855	0.00148634	0.273288	-3.65914	0.00107352	0.254737	-3.92562	22.8935	29.0526	1.12803	1
cg10205430	0.034238	0.382816	-2.61222	0.000712136	0.134836	-7.4164	0.000981938	0.148865	-6.71748	0.00761836	0.263512	-3.7949	11.4335	27.3566	2.12682	1
cg24870096	0.99035	1.0053	1.0053	5.49E-05	0.0376306	-26.5741	0.0155716	0.273761	-3.65282	0.00719175	0.219747	-4.55069	11.4134	34.4786	2.68523	1
cg00930194	0.449125	0.822173	-1.21629	0.00338738	0.36369	-2.74959	0.0351293	0.536289	-1.86467	0.194035	0.705516	-1.4174	7.62234	7.78005	0.907281	1
cg11916054	0.0678398	0.303704	-3.29268	0.0222964	0.202767	-4.93176	0.192324	0.447532	-2.23448	0.122887	2.64821	2.64821	3.4393	18.4903	4.77883	1
cg18007806	0.801228	0.914121	-1.09395	0.181684	1.65639	1.65639	0.0892294	1.94851	1.94851	0.156819	0.58332	-1.71433	5.4272	10.8901	1.78363	1
cg21478490	0.175459	1.40321	1.40321	0.766544	0.932388	-1.07252	0.411566	0.820846	-1.21825	0.549091	1.1532	1.1532	5.19897	4.55218	0.778304	1
cg03680898	0.146267	0.801761	-1.24725	0.364908	0.876433	-1.14099	0.347287	0.87188	-1.14695	0.00185572	0.534825	-1.86977	38.0406	12.092	0.282552	1
cg02944578	0.941474	1.00892	1.00892	5.32E-05	2.48973	2.48973	0.313987	0.88168	-1.1342	0.759561	0.963558	-1.03782	9.22053	2.13553	0.205872	1
cg10959048	0.154874	0.711567	-1.40535	0.133127	0.696181	-1.43641	0.0995887	1.49694	1.49694	0.087559	0.656045	-1.52428	7.74981	6.13166	0.70329	1
cg02542207	0.568053	1.14445	1.14445	0.147362	1.43838	1.43838	0.00884833	2.17962	2.17962	0.999096	0.999735	-1.00027	5.91483	5.12127	0.769631	1
cg03451959	0.251457	1.38007	1.38007	0.0608662	1.76486	1.76486	0.629005	0.877317	-1.13984	0.101174	0.617179	-1.62027	4.77772	5.46971	1.01763	1
cg09400966	0.838336	0.98929	-1.01083	0.0115844	0.846722	-1.18102	0.875857	0.991793	-1.00827	0.209005	1.0723	1.0723	6.19753	0.272718	0.0391149	1
cg18793571	0.000220629	0.318651	-3.13823	8.65E-05	0.270099	-3.70235	0.34392	0.834296	-1.19862	0.985009	1.0035	1.0035	10.851	5.93419	0.486114	1
cg03995337	0.205646	1.18761	1.18761	0.0137496	0.675525	-1.48033	0.583405	0.93116	-1.07393	0.22007	0.847	-1.18064	6.14235	1.61335	0.233475	1
cg10620501	0.209149	1.10828	1.10828	0.083659	0.861843	-1.1603	0.0430134	0.834573	-1.19822	0.105902	1.14701	1.14701	4.94197	0.47206	0.0849072	1
cg01902845	0.227102	0.757793	-1.31962	0.0080021	0.475524	-2.10294	0.65819	0.90721	-1.10228	0.00190413	0.382128	-2.61692	11.4592	8.68171	0.673437	1
cg04976324	0.000402891	0.161923	-6.17577	0.571966	0.842635	-1.18675	0.0261932	0.444291	-2.25077	0.878953	1.04668	1.04668	9.32285	11.5119	1.08045	1
cg00001364	0.1225	0.403181	-2.48027	0.000897884	0.0673434	-14.8493	0.0564748	0.309715	-3.22877	0.0218581	0.224618	-4.452	5.8557	27.3226	4.14754	1
cg03957440	0.539578	1.15121	1.15121	0.768451	1.06923	1.06923	0.00797123	2.16226	2.16226	0.207387	1.3518	1.3518	5.67939	4.62388	0.723689	1
cg10827893	0.735682	1.04136	1.04136	0.0169698	0.705906	-1.41662	0.649812	0.946792	-1.0562	0.0263851	0.729813	-1.37021	5.5194	1.2508	0.201439	1
cg18345456	0.0258367	0.393636	-2.54042	0.0277049	0.399745	-2.50159	0.0148604	0.347975	-2.87377	0.263962	0.663484	-1.5072	5.21525	10.253	1.74752	1
cg23260547	0.604622	0.892484	-1.12047	0.00202918	0.387641	-2.5797	0.492283	1.16402	1.16402	0.96298	0.989943	-1.01016	4.75519	3.57157	0.667635	1
cg03141679	0.326583	0.487216	-2.05248	0.0163564	0.124474	-8.03383	0.0737965	0.242957	-4.11596	0.0156053	0.121852	-8.20665	4.42895	35.3546	7.09566	1
cg23992410	0.0015376	0.211774	-4.72202	0.115427	0.55826	-1.79128	0.496779	0.790566	-1.26492	0.59659	0.833646	-1.19955	3.43956	6.31973	1.63321	1
cg22176895	0.0953427	1.23028	1.23028	0.000556263	0.545643	-1.8327	0.912729	0.987677	-1.01248	0.261534	0.87597	-1.14159	6.05978	1.22764	0.180078	1
cg10165162	0.183484	0.677111	-1.47686	0.000304281	0.197605	-5.06061	0.663109	1.12875	1.12875	0.00187285	0.295627	-3.38264	12.2217	14.777	1.07474	1
cg01238865	0.00347726	0.572999	-1.7452	0.00130591	0.518279	-1.92946	0.000439225	0.458515	-2.18095	0.0576539	0.739769	-1.35177	13.3373	4.16483	0.277572	1
cg18105134	6.69E-05	0.160132	-6.24485	0.0139542	0.467032	-2.14118	0.953471	1.01474	1.01474	0.222842	0.725295	-1.37875	10.4252	10.3802	0.885052	1
cg00898013	0.00438968	0.385753	-2.59233	0.000321293	0.232772	-4.29604	0.607186	1.13866	1.13866	0.040801	0.553599	-1.80636	9.84992	9.78252	0.882807	1
cg17845200	0.540238	1.16625	1.16625	0.888221	0.965719	-1.0355	0.828444	1.0553	1.0553	0.00604664	0.410907	-2.43364	6.39651	6.23254	0.866103	1
cg04850479	0.0262737	0.306617	-3.26139	0.0020436	0.142349	-7.02497	0.0480896	0.363019	-2.75468	0.00827455	0.219937	-4.54675	5.67906	18.0933	2.83197	1
cg09878269	0.25444	0.528602	-1.89178	0.254871	0.528934	-1.89059	0.00363293	0.12145	-8.23385	0.0230942	0.233298	-4.28637	4.97806	22.629	4.04068	1
cg08143803	0.0880127	1.23201	1.23201	0.00450177	1.5214	1.5214	0.0876566	0.811455	-1.23235	0.185032	0.85575	-1.16857	4.77197	0.928204	0.172899	1
cg20076468	0.10412	0.73004	-1.36979	0.0146557	1.70261	1.70261	0.363049	0.847433	-1.18003	0.0725503	0.701311	-1.4259	4.02136	1.9973	0.441487	1
cg17895511	0.0893521	0.464901	-2.15099	0.0275808	0.344629	-2.90167	0.920434	0.959971	-1.0417	0.305754	0.64817	-1.54281	3.82358	10.1244	2.35367	1
cg16136079	0.116833	0.490784	-2.03756	0.000748017	0.117998	-8.47471	0.79608	0.897459	-1.11426	0.770626	0.885032	-1.1299	3.81472	10.5439	2.4569	1
cg12172163	0.148763	0.588017	-1.70063	0.586777	0.82847	-1.20704	0.581313	0.826145	-1.21044	0.289696	0.686041	-1.45764	3.42337	6.3746	1.65519	1
cg08548172	2.34E-05	0.367174	-2.7235	0.00484036	0.642044	-1.55753	0.00225374	0.602335	-1.66021	2.91E-05	0.378182	-2.64423	47.8165	10.6482	0.197945	1
cg11673920	0.0674382	1.16242	1.16242	0.0210002	1.22621	1.22621	0.00205777	0.726969	-1.37557	0.68981	1.0299	1.0299	9.89693	0.845574	0.0759449	1
cg13405485	0.710463	1.10048	1.10048	0.350215	1.28004	1.28004	0.621232	0.879957	-1.13642	0.705803	1.10227	1.10227	6.86196	7.16472	0.928108	1
cg13369337	0.0207361	0.287189	-3.48203	0.00122493	0.120143	-8.32344	0.0226956	0.294604	-3.39438	0.0104381	0.235837	-4.24021	6.40585	20.3671	2.82618	1
cg02475834	0.126908	0.734051	-1.3623	0.916968	1.01972	1.01972	0.0568273	0.667859	-1.49732	0.01325	0.56277	-1.77693	4.43649	2.46422	0.493727	1
cg03595899	0.0397408	0.673142	-1.48557	0.11509	1.33003	1.33003	0.568969	0.908622	-1.10057	0.428667	0.87415	-1.14397	4.40712	1.93414	0.390104	1
cg07209624	0.063089	0.247651	-4.03795	0.00292099	0.0652273	-15.331	0.0691995	0.257352	-3.88573	0.0548236	0.233632	-4.28024	4.12335	29.1081	6.27495	1
cg12015124	0.10107	1.36257	1.36257	0.283058	1.21188	1.21188	0.0122997	0.584401	-1.71115	0.516275	0.892799	-1.12007	4.08274	1.91947	0.417905	1
cg07505334	0.351725	1.42444	1.42444	0.704202	0.868659	-1.1512	0.539045	0.79487	-1.25807	0.78486	1.10629	1.10629	3.74864	8.09031	1.9184	1
cg00475085	0.000240915	1.57426	1.57426	0.0988933	0.873588	-1.1447	0.00275101	0.734473	-1.36152	0.0249611	1.22051	1.22051	16.88	1.49149	0.078541	1
cg00778920	0.386678	0.884374	-1.13074	0.00081175	0.496913	-2.01242	0.023056	0.686376	-1.45693	0.163887	0.81407	-1.2284	11.4699	3.48323	0.269941	1
cg25871843	0.140315	0.818623	-1.22156	0.504292	0.918068	-1.08924	0.0233396	1.40759	1.40759	0.892004	0.983009	-1.01728	6.9345	1.74786	0.224047	1
cg15720675	0.946552	1.01488	1.01488	0.000508413	0.302306	-3.30791	0.153188	1.40067	1.40067	0.000522036	0.303772	-3.29195	25.4264	19.5414	0.683153	1
ch.1.2890724F	0.478658	0.916422	-1.0912	0.0145615	0.694445	-1.44	0.606352	0.938958	-1.06501	0.396217	0.900073	-1.11102	4.86249	1.13079	0.206715	1
cg04632683	0.00106961	0.112871	-8.85964	0.109987	0.455572	-2.19504	0.212179	0.552636	-1.80951	0.0116275	0.240889	-4.15129	8.9355	28.8221	2.86718	1
cg25814432	5.03E-05	0.352548	-2.83649	0.117733	0.792167	-1.26236	0.0718757	0.759142	-1.31728	0.697585	0.947857	-1.05501	7.92357	2.36018	0.264772	1
cg06815666	0.614201	1.20768	1.20768	0.428161	0.740592	-1.35027	0.00325955	4.43338	4.43338	0.909738	0.958772	-1.043	6.19571	13.5238	1.94023	1
cg13650689	0.0968764	0.805693	-1.24117	0.106666	0.811522	-1.23225	0.826654	0.974333	-1.02634	0.540385	1.07625	1.07625	5.86869	1.30644	0.197877	1
cg26832879	0.0550238	0.332359	-3.0088	0.000794139	0.0768488	-13.0126	0.81331	0.887115	-1.12725	0.0544261	0.331219	-3.01915	5.61593	22.8011	3.60895	1
cg16659026	0.0273414	0.075298	-13.2806	0.00855699	0.0360471	-27.7415	0.0600188	0.122247	-8.18019	0.14505	0.212185	-4.71288	4.33847	67.4287	13.8152	1
cg05944623	0.0616423	0.859311	-1.16372	0.000415775	0.668084	-1.49682	0.0489293	0.850475	-1.17581	0.299361	1.08055	1.08055	6.09352	0.500715	0.0730415	1
cg13396246	0.418538	0.949972	-1.05266	0.0278991	1.17505	1.17505	0.710799	1.02339	1.02339	0.00410553	1.27003	1.27003	6.01611	0.367293	0.0542681	1
cg04417471	?	?	?	?	?	?	?	?	?	0.120659	0.568249	-1.75979	8.13985	3.98649	0.81625	1
cg03003601	0.172136	0.503573	-1.98581	0.00227656	0.133377	-7.49755	0.761855	1.15427	1.15427	0.00614304	0.184972	-5.40622	6.84368	24.1505	3.13678	1
cg24004447	0.845748	1.06512	1.06512	0.00320349	3.68145	3.68145	0.368571	1.34871	1.34871	0.289883	1.42736	1.42736	3.63951	6.04803	1.47713	1
cg17146111	0.00114364	0.640392	-1.56154	0.380454	1.08746	1.08746	0.908637	0.989358	-1.01076	0.000558766	0.607243	-1.64679	8.87843	1.22125	0.122269	1
cg25605769	0.138029	0.831173	-1.20312	0.00108501	0.572102	-1.74794	0.231945	1.15623	1.15623	0.123222	0.824197	-1.2133	4.40669	0.935726	0.188749	1
cg09368670	3.86E-05	0.261336	-3.82649	0.0191928	0.641116	-1.55978	6.24E-06	0.170787	-5.85525	0.0110537	1.65374	1.65374	147.394	47.0481	0.2793	1
cg02913884	0.685067	1.06685	1.06685	0.247643	0.825444	-1.21147	0.333343	0.853532	-1.1716	0.969642	0.993978	-1.00606	7.95197	3.17234	0.354611	1
cg20706196	0.152664	0.520721	-1.92041	0.0190492	0.298484	-3.35026	0.158837	1.89942	1.89942	0.0303839	0.33821	-2.95675	4.61592	13.2665	2.55474	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18384976	PRPF38B	0.0263303	0.540353	1.05703	1.05703	0.72856	1.03167	1.03167	0.830434	1.01938	1.01938	0.663997	1.03989	1.03989	0.0193407	1.28802	1.28802
cg22949637	PRPF38B	0.0319161	0.0449024	1.25162	1.25162	0.810018	1.02376	1.02376	0.101984	1.19068	1.19068	0.0170027	1.32812	1.32812	0.00469218	1.44257	1.44257
cg13245472	PRPF38B;PRPF38B	0.00817597	0.0476212	0.79793	-1.25324	0.0880956	1.20629	1.20629	0.000356243	1.7703	1.7703	0.0673185	0.81522	-1.22666	0.988903	1.00139	1.00139
cg12503243	PRPF39	0.000610778	1.37E-05	0.188114	-5.31593	0.00106185	0.410599	-2.43546	0.17915	0.769148	-1.30014	0.213382	0.785837	-1.27253	?	?	?
cg05254749	PRPF39	0.0169237	0.860206	0.938837	-1.06515	0.000193996	0.105878	-9.44483	0.332784	0.699278	-1.43005	0.901456	0.956618	-1.04535	0.114894	0.541287	-1.84745
cg12773498	PRPF39	0.0252042	0.203288	1.24881	1.24881	0.425992	0.874159	-1.14396	0.48971	0.890389	-1.1231	0.0795507	0.72472	-1.37984	0.00887997	1.7349	1.7349
cg03014427	PRPF39	0.0323612	0.00487172	0.239271	-4.17937	0.383711	0.710167	-1.40812	0.0893716	0.487864	-2.04975	0.300105	0.662684	-1.50902	0.0040282	0.227563	-4.39439
cg23104823	PRPF39;PRPF39	0.0202207	0.353556	0.862608	-1.15927	0.00432327	1.80508	1.80508	0.0848918	1.34315	1.34315	0.148645	0.786738	-1.27107	0.206959	0.813775	-1.22884
cg02112168	PRPF39;SNORD127	1.43E-05	0.0201579	0.767703	-1.30259	0.0254253	1.28476	1.28476	0.582287	1.0538	1.0538	0.00149138	1.54042	1.54042	4.96E-07	0.265194	-3.77082
cg26156120	PRPF39;SNORD127	0.048806	0.0351623	1.6677	1.6677	0.0522851	0.631242	-1.58418	0.713224	0.925946	-1.07998	0.760832	0.93835	-1.0657	0.00437575	0.452352	-2.21067
cg23863619	PRPF40A	0.00492163	0.0778981	0.802643	-1.24588	0.0994821	0.81659	-1.2246	9.72E-05	0.459521	-2.17618	0.138315	0.836057	-1.19609	0.136863	0.835419	-1.197
cg18968920	PRPF40A	0.00746297	0.391779	0.7838	-1.27584	0.00227258	3.27161	3.27161	0.310799	1.33797	1.33797	0.0705242	1.75272	1.75272	0.0995014	0.605758	-1.65083
cg02508251	PRPF40A	0.0146088	0.302215	0.76564	-1.3061	0.0287763	0.525016	-1.9047	0.0329772	0.536289	-1.86467	0.142341	1.48299	1.48299	0.0187079	0.490667	-2.03804
cg14375434	PRPF40A	0.0497706	0.105585	0.591678	-1.69011	0.0178374	0.425361	-2.35094	0.0168603	0.420865	-2.37606	0.435932	0.789837	-1.26608	0.020262	0.435673	-2.2953
cg13188416	PRPF40B	0.010237	0.113083	0.715143	-1.39832	0.806316	1.04892	1.04892	0.786233	0.948521	-1.05427	0.0468301	0.642465	-1.5565	0.0637487	0.66685	-1.49959
cg08512940	PRPF40B	0.0287472	0.0622479	0.766776	-1.30416	0.503816	0.917749	-1.08962	0.294244	0.871413	-1.14756	0.761473	0.962214	-1.03927	0.905128	0.985028	-1.0152
cg12020201	PRPF40B	0.032248	0.189525	0.846469	-1.18138	0.819908	1.02773	1.02773	0.357723	0.892757	-1.12013	0.17483	0.841065	-1.18897	0.00148847	0.577226	-1.73242
cg06656027	PRPF40B	0.0379163	0.0674942	0.715727	-1.39718	0.00525987	1.82361	1.82361	0.641353	0.92627	-1.0796	0.551118	0.906233	-1.10347	0.587235	0.914401	-1.09361
cg01102083	PRPF40B	0.0444085	0.72986	0.951062	-1.05146	0.0136791	1.55485	1.55485	0.862517	1.02541	1.02541	0.0151997	0.649469	-1.53972	0.193916	0.81959	-1.22012
cg13307384	PRPF40B;PRPF40B	8.35E-05	0.0633748	0.784988	-1.2739	0.566172	1.06956	1.06956	0.147291	1.19759	1.19759	7.74E-06	3.12007	3.12007	0.012567	0.697741	-1.4332
cg05165862	PRPF40B;PRPF40B	0.0132621	0.0432838	0.33428	-2.9915	0.00190954	7.94329	7.94329	0.139063	2.11811	2.11811	0.0282608	3.39028	3.39028	0.264921	0.578286	-1.72925
cg13689156	PRPF40B;PRPF40B	0.0323009	0.751997	0.950635	-1.05193	0.519703	1.10984	1.10984	0.0195482	1.56926	1.56926	0.788794	0.958032	-1.04381	0.00270232	0.515918	-1.93829
cg16667475	PRPF40B;PRPF40B;PRPF40B	0.0417973	0.0242838	0.407636	-2.45317	0.783632	1.09635	1.09635	0.109705	0.55835	-1.79099	0.2087	0.642164	-1.55723	0.00823189	0.323164	-3.0944
cg11233228	PRPF4;CDC26	0.0126595	0.292842	0.913665	-1.09449	0.00836905	1.32148	1.32148	0.00276712	1.40706	1.40706	0.493567	0.944096	-1.05921	0.191862	1.1211	1.1211
cg21174750	PRPF4;CDC26	0.022049	0.0202889	0.18492	-5.40774	0.0146458	0.163194	-6.12766	0.0491747	0.258117	-3.87422	0.110551	0.350349	-2.8543	0.012226	0.152154	-6.57228
cg18663325	PRPF4B	1.90E-05	0.0377392	1.13256	1.13256	0.177818	1.07677	1.07677	0.0629634	1.11411	1.11411	0.0157764	1.16509	1.16509	0.00361082	1.22569	1.22569
cg04083533	PRPF4B	0.00299439	0.101237	0.684953	-1.45995	0.000243551	0.278317	-3.59303	0.0017948	0.391938	-2.55143	0.172617	0.736339	-1.35807	0.680331	0.91635	-1.09129
cg22914031	PRPF4B	0.020028	0.19628	0.590742	-1.69279	0.151791	0.553477	-1.80676	0.0266923	0.363656	-2.74985	0.478704	1.31974	1.31974	0.0242204	0.355219	-2.81516
cg06786424	PRPF4B	0.0336834	0.9448	1.00598	1.00598	0.0488766	1.21387	1.21387	0.00124771	1.5013	1.5013	0.932674	1.00731	1.00731	0.792847	0.977576	-1.02294
cg26450944	PRPF4B	0.0338074	?	?	?	0.236541	0.369525	-2.70618	0.472109	1.79874	1.79874	0.00226437	0.032422	-30.8433	0.552094	0.617011	-1.62072
cg02888894	PRPF6	0.00257799	0.00203502	0.609963	-1.63944	0.0116409	0.698796	-1.43103	0.0145875	0.710432	-1.4076	0.0168458	0.717889	-1.39297	0.00259217	0.622245	-1.60709
cg22118112	PRPF6	0.00613262	0.491889	1.23236	1.23236	0.00776345	2.78213	2.78213	0.0196412	2.32487	2.32487	0.410343	0.777256	-1.28658	0.000694505	0.212469	-4.70658
cg26734215	PRPF6	0.0123821	0.018633	0.454503	-2.20021	0.00976072	2.46827	2.46827	0.945148	1.01921	1.01921	0.364054	0.772686	-1.29419	0.00696403	0.380916	-2.62525
cg11167993	PRPF6	0.014555	0.452563	0.84862	-1.17838	0.476451	0.85616	-1.16801	0.32422	0.80382	-1.24406	0.28042	0.786106	-1.27209	0.0435838	0.607922	-1.64495
ch.20.1534602	PRPF6	0.0152054	0.0263696	0.283847	-3.52303	0.0408526	0.323416	-3.092	0.0113347	0.219543	-4.55491	0.747812	0.857043	-1.1668	0.685362	0.823013	-1.21505
cg12459923	PRPF6	0.0152343	0.399423	0.887569	-1.12667	0.214152	0.83458	-1.19821	0.201834	0.829994	-1.20483	0.240801	1.18505	1.18505	0.00106973	0.512568	-1.95096
cg08948637	PRPF6	0.0235797	0.0411852	0.351806	-2.84248	0.0130669	0.255269	-3.91743	0.124266	0.477987	-2.09211	0.455603	0.713889	-1.40078	0.0150739	0.265862	-3.76135
cg03654279	PRPF6;PRPF6;SAMD10	0.0396074	0.527461	1.07896	1.07896	0.483614	1.08818	1.08818	0.154147	0.834355	-1.19853	0.49768	1.08516	1.08516	0.733508	0.960244	-1.0414
cg10332396	PRPF8	0.000701536	0.513741	0.891849	-1.12127	0.958643	1.009	1.009	3.13E-05	0.245838	-4.06772	0.462357	1.13804	1.13804	0.0671306	0.70142	-1.42568
cg04423431	PRPF8	0.00252179	0.47126	0.894807	-1.11756	0.81389	0.964866	-1.03641	0.4701	0.894538	-1.1179	0.410089	1.13628	1.13628	0.00751629	0.59348	-1.68498
cg25227462	PRPF8	0.0034753	0.0273094	1.93716	1.93716	0.000164489	0.196598	-5.08653	0.757345	1.08163	1.08163	0.011159	0.44693	-2.23749	0.753812	0.923433	-1.08292
cg05992368	PRPF8	0.00408713	0.0274683	2.28756	2.28756	0.000499926	5.62723	5.62723	0.00455549	3.31642	3.31642	0.0146479	2.59509	2.59509	0.519819	1.23001	1.23001
cg12357364	PRPF8	0.00827295	0.0195827	1.97537	1.97537	0.15709	0.694055	-1.44081	0.267254	0.756589	-1.32172	0.0518771	1.70556	1.70556	0.848278	1.04731	1.04731
cg04317366	PRPF8	0.0164449	0.402811	1.06356	1.06356	0.821827	1.01637	1.01637	0.00783264	1.27845	1.27845	0.719339	1.02631	1.02631	0.425436	1.06033	1.06033
cg19577532	PRPF8	0.01676	0.0646259	0.73213	-1.36588	0.130627	1.27791	1.27791	0.671626	1.06615	1.06615	0.0725114	1.35124	1.35124	0.157681	1.25476	1.25476
cg05903609	PRPF8	0.0219523	0.0330237	0.577499	-1.73161	0.125558	1.44069	1.44069	0.00165542	2.69546	2.69546	0.0333432	1.72932	1.72932	0.801865	0.946128	-1.05694
cg22159483	PRPF8	0.0371777	0.545375	1.05638	1.05638	0.0559686	1.21415	1.21415	0.12628	1.1598	1.1598	0.684171	0.96401	-1.03733	0.17692	1.13728	1.13728
cg04520396	PRPF8	0.0410628	0.84357	0.960961	-1.04063	0.876954	0.969252	-1.03172	0.360334	1.2087	1.2087	0.629066	0.906552	-1.10308	0.00178538	0.408146	-2.4501
cg17895626	PRPF8;PRPF8	0.0311837	0.00746399	0.400696	-2.49565	0.0803906	1.67346	1.67346	0.951111	0.983854	-1.01641	0.549882	1.17423	1.17423	0.239086	0.720853	-1.38724
cg22785629	PRPF8;RILP	0.0204996	0.926666	1.02267	1.02267	0.00455673	2.50952	2.50952	0.017889	2.0155	2.0155	0.137384	0.677296	-1.47646	0.0222902	0.51324	-1.94841
cg09595479	PRPH	0.0134774	0.02575	9.70903	9.70903	0.0716744	5.61892	5.61892	0.149221	3.77142	3.77142	0.103933	4.59985	4.59985	0.00859068	17.7579	17.7579
cg05775627	PRPH	0.0229618	0.0840357	2.11004	2.11004	0.0107633	3.49584	3.49584	0.0751031	2.16877	2.16877	0.276747	1.55562	1.55562	0.0126849	3.35357	3.35357
cg14029489	PRPH	0.0242546	0.0340937	53.4793	53.4793	0.0996464	18.2416	18.2416	0.149556	12.0166	12.0166	0.0801873	22.7206	22.7206	0.0276766	65.9364	65.9364
cg24059075	PRPH	0.0318689	0.0198763	0.257923	-3.87712	0.00439941	0.159961	-6.25151	0.00621326	0.179142	-5.58215	0.285714	0.585993	-1.7065	0.0994988	0.418828	-2.38761
cg24804179	PRPH	0.0337785	0.0415179	7.85866	7.85866	0.0223597	11.03	11.03	0.191141	3.36682	3.36682	0.312909	2.49807	2.49807	0.0594472	6.46288	6.46288
cg16010628	PRPH	0.0488722	0.900779	0.974135	-1.02655	0.374408	0.825679	-1.21112	0.169594	0.73536	-1.35988	0.0222357	1.7785	1.7785	0.158805	0.728745	-1.37222
cg21228424	PRPH2	4.56E-05	0.0033605	0.330188	-3.02858	4.01E-05	0.113104	-8.84146	0.0054805	0.36265	-2.75748	0.955579	1.01559	1.01559	0.000287137	0.193204	-5.17587
cg01769908	PRPH2	0.000220995	0.591169	0.8433	-1.18582	0.23622	0.676976	-1.47716	0.0608451	0.514696	-1.9429	0.0240687	0.429246	-2.32967	4.34E-05	0.087256	-11.4605
cg16881843	PRPH2	0.000226652	0.0106691	0.462355	-2.16284	0.0747467	0.620626	-1.61128	0.000301809	0.243639	-4.10442	0.710975	1.09357	1.09357	1.43E-05	0.114041	-8.76874
cg13348519	PRPH2	0.00418064	0.327801	0.693095	-1.4428	0.149944	0.571118	-1.75095	0.0105218	0.310914	-3.21632	0.0338511	0.406925	-2.45745	0.000619456	0.147802	-6.7658
cg17859772	PRPH2;PRPH2	0.000128523	0.150737	1.26395	1.26395	0.000164258	2.65735	2.65735	0.000658662	0.452179	-2.21151	0.0100964	0.610364	-1.63837	0.00122659	0.487142	-2.05279
cg15169162	PRPH2;PRPH2	0.0033517	0.984021	0.99453	-1.0055	0.00182533	0.297233	-3.36437	0.0136482	0.433622	-2.30615	0.49285	1.21017	1.21017	0.00478271	0.358534	-2.78913
cg16374999	PRPH;PRPH	0.0211887	0.0479201	12.2717	12.2717	0.0240441	19.7654	19.7654	0.1826	4.79792	4.79792	0.198774	4.5068	4.5068	0.017582	24.6078	24.6078
cg15465300	PRPS1	0.0053957	0.00289859	1.96711	1.96711	0.120389	1.32098	1.32098	0.125248	0.760181	-1.31548	0.0485349	0.689093	-1.45118	0.0029821	0.510057	-1.96057
cg15324340	PRPS1	0.00565384	0.324653	0.7262	-1.37703	0.0416236	0.471462	-2.12106	0.304628	1.39729	1.39729	0.0417926	2.11929	2.11929	0.000334421	0.140449	-7.12
cg24007612	PRPS1L1	0.000219691	0.000306889	0.573329	-1.7442	0.477589	0.933761	-1.07094	6.09E-05	0.495315	-2.01892	0.258513	0.894136	-1.1184	0.00368737	0.688998	-1.45138
cg01364651	PRPS1L1	0.000445262	0.208644	1.16614	1.16614	0.00179884	0.597549	-1.6735	0.359396	1.11547	1.11547	0.0025619	0.615679	-1.62422	0.0442777	1.30726	1.30726
cg19286658	PRPS1L1	0.0135124	0.422603	0.869431	-1.15018	0.602638	0.914187	-1.09387	0.6395	0.922578	-1.08392	0.278234	0.824817	-1.21239	0.000538695	0.398737	-2.50792
cg26704637	PRPS2;PRPS2	0.00543077	0.00339835	0.25611	-3.90457	0.0272636	0.409136	-2.44417	0.898394	0.957241	-1.04467	0.106222	0.546898	-1.82849	0.00139243	0.205048	-4.8769
cg15450752	PRPS2;PRPS2	0.0108102	0.930407	1.02291	1.02291	0.00130947	0.297175	-3.36502	0.0357994	0.530721	-1.88423	0.0239024	0.497089	-2.01171	0.0145305	0.458032	-2.18325
cg01669374	PRPS2;PRPS2	0.0123551	0.0123914	0.254431	-3.93034	0.606331	0.795683	-1.25678	0.866516	1.07677	1.07677	0.00382597	5.55321	5.55321	0.00514557	5.0767	5.0767
cg04798684	PRPSAP1	4.96E-05	5.11E-05	0.134025	-7.46131	0.000196041	0.19031	-5.25459	0.000183691	0.187319	-5.33849	0.00283056	0.336465	-2.97208	1.89E-05	0.0998456	-10.0155
cg00549574	PRPSAP1	0.000690431	0.0126028	0.300208	-3.33102	0.262348	0.635505	-1.57355	0.0197538	0.335543	-2.98025	0.0185821	3.02533	3.02533	7.36E-05	0.0610725	-16.374
cg10318678	PRPSAP1	0.00115869	0.0118393	0.498284	-2.00689	0.529881	0.868431	-1.1515	0.0001803	0.245319	-4.07633	0.0157042	0.518743	-1.92774	0.000519932	0.301281	-3.31916
cg26210721	PRPSAP1	0.00121845	0.250078	0.669405	-1.49387	0.396228	1.33658	1.33658	0.00596886	0.301104	-3.32111	0.0296704	0.425386	-2.35081	0.000146026	0.11275	-8.86917
cg18322765	PRPSAP1	0.047996	0.0085482	0.273196	-3.66037	0.630611	0.829126	-1.20609	0.153264	0.553531	-1.80658	0.309795	0.665993	-1.50152	0.00762198	0.265299	-3.76933
cg14831128	PRPSAP2	5.94E-05	0.0101935	1.64001	1.64001	4.67E-06	0.201389	-4.9655	1.70E-05	0.259961	-3.84673	0.174406	0.802026	-1.24684	0.656317	0.933893	-1.07079
cg11829626	PRPSAP2	0.00655557	0.594553	1.11922	1.11922	0.00172842	0.391717	-2.55287	0.00135665	0.377073	-2.652	0.624012	0.901601	-1.10914	0.927007	0.980972	-1.0194
cg22143862	PRPSAP2	0.0131828	0.0985841	0.669638	-1.49334	0.00130501	0.354735	-2.819	0.0452444	0.601357	-1.66291	0.344932	0.806246	-1.24032	0.0750423	0.644741	-1.55101
cg07997195	PRPSAP2	0.0273425	0.873348	1.03811	1.03811	0.0107441	0.471697	-2.12	0.206682	0.731831	-1.36644	0.275984	0.766706	-1.30428	0.438421	1.20355	1.20355
cg21351140	PRR11	0.0155969	0.730832	0.95961	-1.04209	0.00226693	0.600562	-1.66511	0.0371396	0.749098	-1.33494	0.157433	0.834865	-1.1978	0.100258	1.23984	1.23984
cg11786582	PRR11;SKA2;PRR11;SKA2	4.69E-05	0.418928	0.816213	-1.22517	0.000520112	0.26429	-3.78372	0.936258	1.01986	1.01986	0.599785	0.877931	-1.13904	0.494323	1.18608	1.18608
cg19178362	PRR11;SKA2;SKA2	5.35E-05	0.19376	0.733525	-1.36328	0.0230901	0.542105	-1.84466	0.181114	1.37712	1.37712	0.758386	1.07201	1.07201	0.46459	0.845567	-1.18264
cg05269546	PRR12	0.000416793	0.116325	0.809246	-1.23572	0.375407	1.11944	1.11944	0.000233665	2.13167	2.13167	0.00857607	0.65978	-1.51566	0.00455909	0.625909	-1.59768
cg15032314	PRR12	0.000417887	0.70434	0.874306	-1.14376	0.754623	1.11677	1.11677	0.000187379	11.3018	11.3018	4.50E-05	0.0481777	-20.7565	0.254364	1.52475	1.52475
cg27665130	PRR12	0.000642505	0.52924	1.12076	1.12076	0.000137501	0.307514	-3.25189	0.53719	0.894261	-1.11824	0.0495636	1.49293	1.49293	0.000582877	0.386296	-2.58869
cg00458016	PRR12	0.00266852	0.860887	0.977786	-1.02272	0.231609	1.17431	1.17431	0.00021152	2.21026	2.21026	0.248699	1.16698	1.16698	0.138181	1.22683	1.22683
cg26257869	PRR12	0.0228078	0.487952	0.853111	-1.17218	0.0650391	1.59531	1.59531	0.820834	0.950143	-1.05247	0.903529	1.02771	1.02771	0.00130021	0.347828	-2.87498
cg05677248	PRR13;PRR13	0.00174489	0.410282	0.855186	-1.16934	0.000434355	2.81072	2.81072	0.000836447	2.54431	2.54431	0.0165664	0.580564	-1.72246	0.802756	0.954567	-1.0476
cg25971807	PRR13;PRR13	0.00212921	0.000555629	0.0853144	-11.7213	0.0404037	0.336982	-2.96751	0.0182816	0.268208	-3.72845	0.112234	0.451792	-2.21341	0.00697538	0.201197	-4.97025
cg23344935	PRR13;PRR13	0.00430143	0.0017509	0.268888	-3.71902	0.0169123	2.30564	2.30564	0.00323347	3.2345	3.2345	0.237499	1.41361	1.41361	?	?	?
cg17739459	PRR13;PRR13	0.0181205	0.00257492	0.243498	-4.10681	0.278332	0.683144	-1.46382	0.0197492	0.386093	-2.59005	0.122198	1.76165	1.76165	0.102827	0.547003	-1.82814
cg08904623	PRR14	0.00307064	0.0577774	0.613226	-1.63072	0.00156995	0.355122	-2.81593	0.0178411	0.518696	-1.92791	0.0193755	0.524915	-1.90507	0.00153758	0.35386	-2.82597
cg03175771	PRR14	0.00484972	0.139057	0.375768	-2.66122	0.00715131	8.45816	8.45816	0.357685	1.78867	1.78867	0.0224658	5.36922	5.36922	0.000773177	0.0437856	-22.8385
cg07590196	PRR14	0.00719873	0.106912	0.687765	-1.45398	0.496544	1.15814	1.15814	0.0141724	1.9034	1.9034	0.0574339	1.57935	1.57935	0.00102061	0.354962	-2.8172
cg06899844	PRR14	0.00901756	0.0826678	0.690381	-1.44848	0.597115	1.1083	1.1083	0.95838	1.01011	1.01011	0.129755	0.729406	-1.37098	0.0145402	0.559738	-1.78655
cg14710524	PRR14	0.011912	0.754883	1.05528	1.05528	0.210428	1.2545	1.2545	0.795554	1.04562	1.04562	0.0348727	0.655423	-1.52573	0.261175	0.817643	-1.22303
cg10083806	PRR14	0.0154579	0.0216374	1.24484	1.24484	0.250136	0.908973	-1.10014	0.0465915	1.19839	1.19839	0.745782	0.974497	-1.02617	0.0330413	1.2189	1.2189
cg06131802	PRR14	0.0492418	0.0814385	0.623272	-1.60443	0.0239352	1.93384	1.93384	0.978797	1.00653	1.00653	0.131559	1.48957	1.48957	0.0680078	0.606341	-1.64924
cg04657467	PRR14;PRR14	0.00255302	0.235423	0.794568	-1.25855	0.0454393	1.52853	1.52853	0.144574	1.33616	1.33616	0.350508	1.19447	1.19447	0.265778	0.806987	-1.23918
cg18451588	PRR15	0.00685005	0.102716	0.564782	-1.7706	0.000359638	6.24305	6.24305	0.0415784	0.471495	-2.12091	0.314165	0.716711	-1.39526	0.984273	0.993712	-1.00633
cg03004598	PRR15	0.0166114	0.0254872	9.86292	9.86292	0.0585766	6.31015	6.31015	0.053435	6.62841	6.62841	0.0946122	4.87423	4.87423	0.00929125	17.2066	17.2066
cg17444904	PRR15	0.0226333	0.0623808	8.77133	8.77133	0.0239279	16.2694	16.2694	0.057547	9.23864	9.23864	0.044948	10.8292	10.8292	0.0147826	22.3137	22.3137
cg23363754	PRR15	0.0385148	0.761433	1.14595	1.14595	0.018821	3.57236	3.57236	0.139364	0.490792	-2.03752	0.865886	0.927163	-1.07856	0.400936	0.680683	-1.46911
cg09282258	PRR15	0.0421935	0.0535382	15.3719	15.3719	0.0926115	10.0386	10.0386	0.0886345	10.3896	10.3896	0.101635	9.33165	9.33165	0.0339596	21.8692	21.8692
cg04619381	PRR15	0.0470212	0.043305	10.1344	10.1344	0.0479097	9.52019	9.52019	0.0747593	7.22589	7.22589	0.127818	5.15739	5.15739	0.0413059	10.4352	10.4352
cg19942237	PRR15	0.0485429	0.0481723	19.8213	19.8213	0.121181	9.23168	9.23168	0.12125	9.22721	9.22721	0.118859	9.38356	9.38356	0.0382722	23.9454	23.9454
cg18570553	PRR15	0.0493836	0.055432	11.7387	11.7387	0.10151	7.64393	7.64393	0.119819	6.78397	6.78397	0.154392	5.6375	5.6375	0.046644	13.2564	13.2564
cg09607679	PRR15L	0.00128672	0.0192335	0.404878	-2.46988	0.000176546	0.13133	-7.61439	0.00072464	0.193717	-5.16216	0.134956	0.597806	-1.67278	0.047311	0.484553	-2.06376
cg05099221	PRR15L	0.00131655	0.00200776	0.216506	-4.61882	0.495157	0.784183	-1.27521	0.00411944	0.259102	-3.85949	0.00489159	0.270077	-3.70265	0.000597139	0.155742	-6.42088
cg15738800	PRR15L	0.0102283	0.0232375	0.457813	-2.1843	0.00152895	0.268813	-3.72005	0.00422459	0.331822	-3.01366	0.299367	0.733618	-1.36311	0.00743499	0.370513	-2.69896
cg00260201	PRR15L	0.0168208	0.0591347	0.345747	-2.89229	0.0590039	0.34551	-2.89427	0.0012151	0.0943873	-10.5946	0.562381	0.74682	-1.33901	0.00442796	0.150627	-6.63892
cg10878307	PRR15L	0.0174001	0.00924494	0.259505	-3.8535	0.0192369	0.314613	-3.17851	0.0121259	0.278909	-3.5854	0.0560673	0.41328	-2.41966	0.148403	0.530993	-1.88326
cg16532606	PRR15L	0.0370016	0.0295201	0.208279	-4.80126	0.016404	0.16604	-6.02265	0.0593447	0.271698	-3.68056	0.166822	0.405642	-2.46523	0.0273239	0.202207	-4.94543
cg18052778	PRR15L	0.0392626	0.0204452	0.317439	-3.15021	0.556729	0.78336	-1.27655	0.042745	0.383626	-2.60671	0.0966745	0.472786	-2.11512	0.0110759	0.270208	-3.70085
cg03496533	PRR15L	0.0417373	0.243463	0.728618	-1.37246	0.716907	1.09907	1.09907	0.0806722	0.604978	-1.65295	0.794188	1.07018	1.07018	0.039284	0.538654	-1.85648
cg16892553	PRR15L;PRR15L	0.000465669	0.0613997	0.634108	-1.57702	0.00047605	0.305526	-3.27305	0.000885403	0.340686	-2.93525	0.0301262	0.576243	-1.73538	0.00154597	0.373741	-2.67565
cg10698355	PRR16	0.000345505	0.662909	1.04721	1.04721	0.0228068	1.33185	1.33185	0.840391	1.02144	1.02144	0.377873	0.909223	-1.09984	0.718532	1.0388	1.0388
cg12453014	PRR16	0.000665893	0.0750143	0.709505	-1.40943	0.195623	0.789072	-1.26731	0.201528	1.26296	1.26296	0.583913	1.10047	1.10047	0.417995	1.15402	1.15402
cg08981702	PRR16	0.00074498	0.000954638	0.281145	-3.55689	0.326454	0.770164	-1.29842	0.000270855	0.21456	-4.66071	0.444596	1.22249	1.22249	0.000496664	0.245389	-4.07516
cg27107171	PRR16	0.00464342	0.000953876	0.342295	-2.92145	0.0613194	0.631845	-1.58267	0.422166	0.836483	-1.19548	0.974076	0.992949	-1.0071	0.593486	0.889292	-1.12449
cg12158272	PRR16	0.00678636	0.510121	0.938382	-1.06566	0.624084	1.04814	1.04814	0.399559	0.921187	-1.08556	0.581427	1.05443	1.05443	0.820735	0.978626	-1.02184
cg05893843	PRR16	0.00834859	0.21048	0.71416	-1.40025	0.00252838	0.343179	-2.91393	0.00684893	0.409232	-2.4436	0.304355	0.762324	-1.31178	0.400505	1.24552	1.24552
cg01256539	PRR16	0.010603	0.151357	0.616857	-1.62112	0.0173947	2.4843	2.4843	0.576208	1.19417	1.19417	0.50425	0.80819	-1.23733	0.00391101	0.295093	-3.38876
cg18014186	PRR16	0.0134056	0.0441391	0.439562	-2.27499	0.183826	0.605813	-1.65067	0.00418277	0.255648	-3.91163	0.547384	0.805392	-1.24163	0.00237913	0.221864	-4.50727
cg05168468	PRR16	0.0174538	0.123999	0.646938	-1.54574	0.127826	1.5379	1.5379	0.0389988	0.535427	-1.86767	0.163117	1.47579	1.47579	0.00346629	0.354367	-2.82193
cg09459548	PRR16	0.0197127	0.00223034	0.0729647	-13.7053	0.0650597	0.281917	-3.54714	0.688809	0.781875	-1.27898	0.0411506	0.236908	-4.22105	0.00279956	0.0806393	-12.4009
cg12155028	PRR16	0.0285238	0.0338737	0.485231	-2.06087	0.0120415	0.400849	-2.49471	0.00489719	0.336703	-2.96998	0.0343073	0.486354	-2.05611	0.0885051	0.577762	-1.73082
cg09046055	PRR18	0.00930669	0.0205197	7.31451	7.31451	0.0177159	7.81604	7.81604	0.146664	3.03616	3.03616	0.0973333	3.65858	3.65858	0.0257784	6.60323	6.60323
cg09893871	PRR18	0.0363976	0.0380363	18.2059	18.2059	0.126026	7.36973	7.36973	0.295344	3.70396	3.70396	0.059112	13.083	13.083	0.563508	2.0231	2.0231
cg08173692	PRR18	0.0492966	0.140953	13.006	13.006	0.145135	12.6139	12.6139	0.152812	11.9492	11.9492	0.0804498	23.1352	23.1352	0.485731	0.317398	-3.15062
cg06746450	PRR19	0.000863477	0.000401155	0.582506	-1.71672	0.10418	1.18592	1.18592	0.00310717	0.678221	-1.47445	0.365003	0.914529	-1.09346	0.16542	0.867612	-1.15259
cg19302410	PRR19	0.00187211	0.786756	1.03376	1.03376	0.0338285	1.35442	1.35442	0.000313783	0.489086	-2.04463	0.0658978	1.28742	1.28742	0.0829057	1.26502	1.26502
cg14242928	PRR19	0.00397065	0.203038	1.39947	1.39947	0.0655019	0.596277	-1.67707	0.572424	0.867041	-1.15335	0.660964	1.11671	1.11671	0.00114942	0.30266	-3.30404
cg22220467	PRR19;PAFAH1B3;PAFAH1B3;PAFAH1B3	0.00154011	0.057821	0.644995	-1.5504	0.166091	0.739382	-1.35248	0.532559	0.878761	-1.13797	0.366124	1.20905	1.20905	0.581155	1.12067	1.12067
cg00524108	PRR19;PAFAH1B3;PAFAH1B3;PAFAH1B3	0.00202041	0.537958	0.714493	-1.39959	0.722646	1.21181	1.21181	0.311008	0.568324	-1.75956	0.714829	1.21875	1.21875	0.315453	0.571468	-1.74988
cg04681368	PRR19;PAFAH1B3;PAFAH1B3;PAFAH1B3	0.0427447	0.597341	1.1321	1.1321	0.983633	0.995237	-1.00479	0.944934	1.01621	1.01621	0.578425	0.877524	-1.13957	0.911879	1.0261	1.0261
cg23959119	PRR19;PAFAH1B3;PAFAH1B3;PAFAH1B3	0.0439497	0.526589	0.901822	-1.10887	0.648764	0.928805	-1.07665	0.408661	0.872747	-1.14581	0.582563	0.914475	-1.09352	0.653351	1.07553	1.07553

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18384976	0.157724	1.14473	1.14473	0.0023324	0.683633	-1.46277	0.545335	1.0563	1.0563	0.0687043	1.2	1.2	4.27915	0.542674	0.112727	1
cg22949637	0.364108	1.0952	1.0952	0.300205	0.900616	-1.11035	0.326106	0.905873	-1.10391	0.408175	0.920823	-1.08599	3.99763	0.601911	0.133837	1
cg13245472	0.300608	1.1128	1.1128	0.934534	0.991847	-1.00822	0.246311	0.886198	-1.12842	0.56626	1.05948	1.05948	6.30083	0.990884	0.139789	1
cg12503243	0.0150298	0.577092	-1.73283	0.0946861	0.713314	-1.40191	0.953489	1.01079	1.01079	0.467749	0.872931	-1.14557	13.8438	6.59322	0.476258	1
cg05254749	0.995879	1.00185	1.00185	0.722862	0.880304	-1.13597	0.351096	0.709212	-1.41002	0.777884	0.903707	-1.10655	4.97696	10.1041	1.8046	1
cg12773498	0.559052	1.10269	1.10269	0.00290776	1.96806	1.96806	0.58133	1.09653	1.09653	0.371577	1.16392	1.16392	4.34492	1.88371	0.385371	1
cg03014427	0.211146	0.603623	-1.65666	0.43115	1.36053	1.36053	0.0413176	0.405834	-2.46406	0.285555	0.653767	-1.5296	3.97786	9.24999	2.067	1
cg23104823	0.219992	0.818985	-1.22102	0.0179925	0.640792	-1.56057	0.860297	1.02765	1.02765	0.144096	1.27504	1.27504	4.68704	1.77965	0.337508	1
cg02112168	0.141774	0.861553	-1.1607	0.00215083	0.665983	-1.50154	0.000462156	1.6817	1.6817	0.132162	0.857887	-1.16565	36.9837	5.21215	0.125272	1
cg26156120	0.746157	0.934542	-1.07004	0.985732	1.00373	1.00373	0.954471	1.01197	1.01197	0.156195	0.728935	-1.37187	3.41935	2.35261	0.611579	1
cg23863619	0.0208378	0.731894	-1.36632	0.0290189	0.749168	-1.33481	0.547158	1.07076	1.07076	0.0388013	0.76454	-1.30798	7.37406	1.47063	0.177273	1
cg18968920	0.153565	0.654275	-1.52841	0.00309002	0.324924	-3.07765	0.757809	1.08967	1.08967	0.0932373	0.598907	-1.66971	6.48405	7.9159	1.08518	1
cg02508251	0.652987	1.11972	1.11972	0.388007	1.2474	1.2474	0.00439426	2.58634	2.58634	0.887465	0.96524	-1.03601	5.22612	5.16712	0.878854	1
cg14375434	0.940278	0.978005	-1.02249	0.135789	1.6115	1.6115	0.995495	0.998326	-1.00168	0.275323	0.714	-1.40056	3.39406	4.73614	1.24037	1
cg13188416	0.00304484	0.454194	-2.2017	0.00970569	1.88905	1.88905	0.122527	1.3845	1.3845	0.12639	1.37917	1.37917	5.86647	3.51191	0.532125	1
cg08512940	0.189462	0.838737	-1.19227	0.00147123	0.559457	-1.78745	0.260214	1.16019	1.16019	0.0773064	1.28207	1.28207	4.14905	1.05189	0.225355	1
cg12020201	0.00699054	0.658098	-1.51953	0.318762	0.883745	-1.13155	0.778929	1.03433	1.03433	0.612998	0.940659	-1.06308	3.98285	0.907417	0.202516	1
cg06656027	0.384577	0.864549	-1.15667	0.0253665	0.64797	-1.54328	0.50617	0.89572	-1.11642	0.175837	1.2649	1.2649	3.75617	1.58566	0.375244	1
cg01102083	0.73634	0.952262	-1.05013	0.116873	0.781468	-1.27964	0.643349	0.934736	-1.06982	0.0813541	1.32267	1.32267	3.54302	1.17567	0.294957	1
cg13307384	0.630686	0.94538	-1.05778	4.38E-05	0.407131	-2.45621	0.0991803	1.23317	1.23317	0.655504	0.949265	-1.05345	23.2353	4.94781	0.189284	1
cg05165862	0.117102	2.23092	2.23092	0.121549	0.453293	-2.20608	0.28885	1.68034	1.68034	0.178114	1.963	1.963	5.39483	18.9848	3.12807	1
cg13689156	0.11534	0.760808	-1.31439	0.376129	0.864988	-1.15609	0.137711	0.774716	-1.2908	0.701778	0.94041	-1.06337	3.98052	1.60759	0.35899	1
cg16667475	0.0140719	0.363121	-2.7539	0.0278415	0.419476	-2.38393	0.948561	1.0218	1.0218	0.169119	0.612872	-1.63166	3.62382	6.41042	1.57242	1
cg11233228	0.773831	0.976442	-1.02413	0.249329	0.905181	-1.10475	0.0290528	1.23723	1.23723	0.0175309	1.27022	1.27022	5.47738	0.593869	0.0963752	1
cg21174750	0.0772513	0.305799	-3.27013	0.0059447	0.114212	-8.75561	0.00957686	0.138257	-7.2329	0.105822	0.344543	-2.9024	4.55047	26.2193	5.12168	1
cg18663325	0.152742	1.08232	1.08232	3.41E-07	0.466289	-2.14459	0.240241	1.06558	1.06558	0.0996173	1.09771	1.09771	34.3492	1.45167	0.0375662	1
cg04083533	0.546675	0.879308	-1.13726	0.0116795	1.94345	1.94345	0.494317	0.86386	-1.1576	0.662127	1.09715	1.09715	8.56291	6.02978	0.625933	1
cg22914031	0.482417	1.31656	1.31656	0.0107301	3.43885	3.43885	0.0357798	2.56282	2.56282	0.571135	0.802124	-1.24669	4.70232	11.0521	2.0892	1
cg06786424	0.608732	0.956487	-1.04549	0.281978	0.908151	-1.10114	0.234672	0.89822	-1.11331	0.727146	0.970266	-1.03065	3.92104	0.461113	0.104533	1
cg26450944	?	?	?	?	?	?	0.415662	1.94997	1.94997	0.421696	1.93254	1.93254	4.16367	28.3254	9.07064	1
cg02888894	0.00493816	0.654979	-1.52677	0.00210143	0.611593	-1.63508	0.077326	0.799962	-1.25006	0.000602849	0.548118	-1.82442	8.95069	1.83118	0.181853	1
cg22118112	0.512439	1.21998	1.21998	0.0731493	1.81871	1.81871	0.982145	1.00672	1.00672	0.381668	0.764492	-1.30806	6.89245	9.77864	1.26111	1
cg26734215	0.00561492	0.365972	-2.73245	0.244855	0.714383	-1.39981	0.937158	0.978435	-1.02204	0.494896	0.825621	-1.21121	5.51702	6.679	1.0761	1
cg11167993	0.637083	0.90309	-1.10731	0.000660365	3.06128	3.06128	0.0860921	1.50201	1.50201	0.840971	1.04404	1.04404	5.23248	3.81283	0.64772	1
ch.20.1534602	0.000738038	0.086168	-11.6052	0.726075	0.845181	-1.18318	0.765731	1.15361	1.15361	0.645903	1.24761	1.24761	5.15744	18.6789	3.21933	1
cg12459923	0.0410254	1.38542	1.38542	0.162555	1.22891	1.22891	0.163362	1.22836	1.22836	0.529545	0.915707	-1.09205	5.15419	1.56042	0.26911	1
cg08948637	0.0295132	0.320875	-3.11648	0.00291728	0.163025	-6.13404	0.0244676	0.304598	-3.28302	0.294353	0.617324	-1.61989	4.44649	13.8518	2.76909	1
cg03654279	0.000820939	0.54965	-1.81934	0.719978	0.958167	-1.04366	0.896751	0.984706	-1.01553	0.726479	1.04257	1.04257	3.69653	0.825026	0.19839	1
cg10332396	0.00118972	0.439863	-2.27343	0.301127	0.830962	-1.20342	0.0681568	0.702566	-1.42335	0.000461711	0.385763	-2.59227	13.0029	6.15179	0.42054	1
cg04423431	0.000826113	0.46587	-2.14652	0.0500938	1.40327	1.40327	0.0846124	1.33547	1.33547	0.000687697	0.455613	-2.19484	9.00899	3.28197	0.323822	1
cg25227462	0.0180778	0.483353	-2.06888	0.144686	0.672566	-1.48684	0.648366	1.12328	1.12328	0.343184	0.780945	-1.2805	8.19115	8.31663	0.902506	1
cg05992368	0.096651	1.78372	1.78372	0.0596157	1.96309	1.96309	0.000733324	5.09491	5.09491	0.0541639	2.00056	2.00056	7.80163	12.4401	1.41737	1
cg12357364	0.79166	0.938105	-1.06598	0.458207	1.19998	1.19998	0.000285069	4.17938	4.17938	0.321159	1.28066	1.28066	6.27745	5.79094	0.82	1
cg04317366	0.976942	1.00208	1.00208	0.000930927	1.42722	1.42722	0.640714	1.03441	1.03441	0.00692089	1.28605	1.28605	5.02489	0.41231	0.0729365	1
cg19577532	0.959247	0.992353	-1.00771	0.000645018	2.19552	2.19552	0.436232	0.887526	-1.12673	0.959396	1.00768	1.00768	4.99316	1.78451	0.317681	1
cg05903609	0.348565	1.23682	1.23682	0.122987	1.44489	1.44489	0.596298	1.12496	1.12496	0.48087	1.17095	1.17095	4.55733	3.50122	0.682898	1
cg22159483	0.00812362	1.35488	1.35488	0.0242571	0.786065	-1.27216	0.607439	0.95462	-1.04754	0.333392	0.914457	-1.09354	3.78325	0.481302	0.113084	1
cg04520396	0.181937	0.751582	-1.33053	0.0166742	0.554826	-1.80237	0.678289	1.08771	1.08771	0.424759	0.848486	-1.17857	3.64767	2.34703	0.57194	1
cg17895626	0.461525	0.819542	-1.22019	0.0749183	1.69315	1.69315	0.121567	0.640441	-1.56142	0.0226866	0.484706	-2.06311	4.03092	4.49967	0.992255	1
cg22785629	0.105147	1.5391	1.5391	0.301139	1.2981	1.2981	0.412957	1.2261	1.2261	0.536258	1.16477	1.16477	4.66524	4.38186	0.834895	1
cg09595479	0.0113586	15.1828	15.1828	0.00178913	45.3591	45.3591	0.0122803	14.5389	14.5389	0.020434	11	11	5.36646	62.6114	10.3708	1
cg05775627	0.0121341	3.39131	3.39131	0.00381226	4.59038	4.59038	0.0503296	2.39031	2.39031	0.0941957	2.05179	2.05179	4.48743	10.8432	2.14786	1
cg14029489	0.0324944	56.1181	56.1181	0.00303763	688.606	688.606	0.0115006	161.844	161.844	0.0234364	77.9809	77.9809	4.40327	180.56	36.4497	1
cg24059075	0.082247	0.395356	-2.52936	0.0522289	0.344971	-2.89879	0.149256	0.474531	-2.10734	0.0836013	0.39731	-2.51693	3.99975	14.7183	3.27094	1
cg24804179	0.129055	4.21484	4.21484	0.00326354	33.7015	33.7015	0.0192238	11.9924	11.9924	0.0358171	8.5178	8.5178	3.91706	47.7251	10.8302	1
cg16010628	0.574817	1.12646	1.12646	0.00802533	0.489858	-2.04141	0.306476	1.24912	1.24912	0.289359	0.793693	-1.25993	3.4176	2.38917	0.621403	1
cg21228424	0.0118434	0.417831	-2.39331	0.000200126	0.176589	-5.66287	3.94E-05	8.8827	8.8827	0.0239806	0.473347	-2.11262	27.2712	33.315	1.08588	1
cg01769908	0.00129325	0.229116	-4.3646	1.36E-05	0.0572818	-17.4576	0.430306	1.28792	1.28792	0.0304188	0.449484	-2.22477	17.8801	27.9762	1.39081	1
cg16881843	0.0384471	0.561943	-1.77954	0.000194626	0.22168	-4.51101	0.0086499	0.447345	-2.23541	0.00125724	0.322443	-3.10132	17.7576	16.2431	0.813075	1
cg13348519	0.735647	0.88428	-1.13086	0.00037207	0.126617	-7.89781	0.0283227	0.390822	-2.55871	0.0466848	0.437531	-2.28555	7.74851	16.1634	1.85423	1
cg17859772	0.268388	0.839172	-1.19165	0.00016335	0.376018	-2.65944	0.000669432	0.453083	-2.2071	0.0185375	0.647713	-1.54389	20.7001	7.5844	0.325684	1
cg15169162	0.538683	0.843248	-1.18589	0.000403994	0.214298	-4.6664	0.526227	1.19231	1.19231	0.0290437	0.494239	-2.02331	8.28028	9.83793	1.0561	1
cg16374999	0.0224684	20.7217	20.7217	0.00303211	90.3836	90.3836	0.00935345	38.6369	38.6369	0.0519026	11.6155	11.6155	4.61291	89.8065	17.3053	1
cg15465300	0.108604	1.33536	1.33536	0.135403	1.30465	1.30465	0.168034	0.78445	-1.27478	0.114853	0.753272	-1.32754	7.16955	3.10048	0.384401	1
cg15324340	0.0103623	0.350296	-2.85473	0.439415	1.2809	1.2809	0.861373	0.946753	-1.05624	0.662265	1.14763	1.14763	8.16941	12.4087	1.18138	1
cg24007612	0.720763	1.03465	1.03465	0.00350952	1.45615	1.45615	0.788568	1.02584	1.02584	0.000226507	0.558838	-1.78943	17.9088	2.55514	0.126822	1
cg01364651	0.148007	0.835301	-1.19717	4.14E-05	2.47411	2.47411	0.242831	1.15227	1.15227	0.0799453	1.25271	1.25271	14.7569	3.14283	0.18931	1
cg19286658	0.00268829	0.492352	-2.03107	0.775625	1.05002	1.05002	0.0821741	0.719685	-1.3895	0.262827	0.819211	-1.22069	5.3619	2.47778	0.410764	1
cg26704637	0.322425	0.704934	-1.41857	0.00378333	0.262772	-3.80558	0.00677627	0.30106	-3.3216	0.0046389	0.275754	-3.62642	7.15532	13.261	1.64739	1
cg15450752	0.596664	1.14857	1.14857	0.0470861	1.80282	1.80282	0.979631	1.00664	1.00664	0.560924	0.858567	-1.16473	5.76474	6.1415	0.946984	1
cg01669374	0.113102	0.468513	-2.13441	0.863597	0.927183	-1.07854	0.74613	0.866903	-1.15353	0.673881	0.83019	-1.20454	5.52094	16.9042	2.72162	1
cg04798684	3.87E-05	0.123823	-8.07603	9.23E-05	0.157357	-6.35498	0.304933	0.754674	-1.32508	0.00175071	0.306733	-3.26016	26.6714	29.6514	0.988203	1
cg00549574	0.169215	0.566593	-1.76493	0.000172953	0.0842584	-11.8682	0.287354	0.651476	-1.53498	0.0607274	0.44037	-2.27082	13.0612	31.1253	2.11825	1
cg10318678	0.0033949	0.413604	-2.41777	0.00109957	0.344106	-2.90608	0.106931	0.676964	-1.47718	0.00343414	0.414344	-2.41345	11.284	8.78165	0.691769	1
cg26210721	0.00220688	0.23866	-4.19006	0.000387515	0.151089	-6.61863	0.718665	0.886209	-1.1284	0.0230295	0.403423	-2.47879	11.1232	19.6443	1.56983	1
cg18322765	0.119739	0.520551	-1.92104	0.0225989	0.347864	-2.87469	0.346288	0.687219	-1.45514	0.0441322	0.40886	-2.44583	3.44108	8.15162	2.1057	1
cg14831128	0.478254	0.895753	-1.11638	0.0252306	1.50134	1.50134	0.270124	0.839166	-1.19166	0.904041	1.01859	1.01859	25.4322	9.39232	0.328274	1
cg11829626	0.132068	0.711205	-1.40606	0.0141467	1.88668	1.88668	0.692573	1.08689	1.08689	0.282003	0.791037	-1.26416	6.75151	4.70067	0.618879	1
cg22143862	0.00326457	0.411546	-2.42986	0.304929	0.790409	-1.26517	0.199006	0.74047	-1.35049	0.00571873	0.448347	-2.23042	5.40542	4.19616	0.690033	1
cg07997195	0.20275	0.729622	-1.37057	0.00439103	2.43921	2.43921	0.231644	1.34192	1.34192	0.50461	0.85323	-1.17202	4.22294	3.67544	0.773646	1
cg21351140	0.0438015	1.3187	1.3187	0.187882	0.846535	-1.18129	0.270143	1.14692	1.14692	0.124269	0.819793	-1.21982	5.11417	1.15444	0.200652	1
cg11786582	0.674254	0.901273	-1.10954	5.03E-07	0.031617	-31.6286	0.643573	1.12139	1.12139	0.905723	0.971287	-1.02956	27.0712	25.9227	0.851177	1
cg19178362	0.825553	1.05101	1.05101	4.48E-07	0.0401994	-24.876	0.712408	1.08703	1.08703	0.261782	0.768178	-1.30178	26.1459	21.0334	0.715076	1
cg05269546	0.00729169	0.651047	-1.53599	0.000123799	0.435983	-2.29367	0.592373	0.935168	-1.06933	0.407783	0.900308	-1.11073	15.0287	3.66134	0.216554	1
cg15032314	0.190658	1.63596	1.63596	?	?	?	0.200239	0.618522	-1.61676	0.824534	0.924778	-1.08134	19.2022	32.8051	1.49485	1
cg27665130	0.00691018	1.86886	1.86886	0.0207676	1.64522	1.64522	0.142395	1.32584	1.32584	0.255964	1.23627	1.23627	13.3268	6.75226	0.450372	1
cg00458016	0.0433425	0.742593	-1.34663	0.00126231	1.82717	1.82717	0.8563	0.977052	-1.02349	0.155867	0.823288	-1.21464	8.86002	2.30156	0.230905	1
cg26257869	0.52407	0.864535	-1.15669	0.0878379	1.52921	1.52921	0.203927	0.739117	-1.35297	0.100228	0.666291	-1.50085	4.49784	3.62103	0.715608	1
cg05677248	0.0161574	0.578848	-1.72757	0.277127	0.81059	-1.23367	0.279616	1.23223	1.23223	0.417441	1.16643	1.16643	10.0318	5.48385	0.485908	1
cg25971807	0.013669	0.246291	-4.06025	0.000148067	0.0499358	-20.0257	0.110019	0.449173	-2.22631	0.0092646	0.219325	-4.55945	9.46739	31.6531	2.9719	1
cg23344935	?	?	?	0.585451	0.857964	-1.16555	0.143538	0.643135	-1.55488	0.469101	0.814569	-1.22764	9.34761	8.69439	0.930119	1
cg17739459	0.645765	0.855172	-1.16936	0.00639518	0.301388	-3.31798	0.163867	0.6052	-1.65235	0.163475	0.60488	-1.65322	4.8642	8.8029	1.60865	1
cg08904623	0.00291325	0.393563	-2.54089	0.000759833	0.312464	-3.20037	0.322526	0.792196	-1.26231	0.0137318	0.499306	-2.00278	8.49918	6.9946	0.731532	1
cg03175771	0.599418	0.721946	-1.38515	0.0938479	3.10354	3.10354	0.465286	0.633303	-1.57902	0.0977032	0.327274	-3.05554	7.40722	44.3316	5.31992	1
cg07590196	0.872431	0.966403	-1.03476	0.0181257	0.543202	-1.84094	0.395595	1.20324	1.20324	0.463492	0.85326	-1.17198	6.55757	4.69706	0.636694	1
cg06899844	0.10238	0.708513	-1.41141	0.000336791	0.328149	-3.0474	0.160335	1.33528	1.33528	0.187166	0.763752	-1.30932	6.10859	3.59539	0.523182	1
cg14710524	0.714314	1.06521	1.06521	0.00188407	0.469056	-2.13194	0.0238702	1.58913	1.58913	0.0312816	1.54359	1.54359	5.58682	2.61189	0.415564	1
cg10083806	0.0242675	1.23772	1.23772	0.00317498	1.37717	1.37717	0.0543644	1.18931	1.18931	0.334088	0.923932	-1.08233	5.12937	0.512349	0.088787	1
cg06131802	0.178402	0.704691	-1.41906	0.167443	0.697533	-1.43362	0.741871	0.922277	-1.08427	0.0453253	0.570047	-1.75424	3.40785	3.23412	0.843575	1
cg04657467	0.0751471	0.693188	-1.44261	0.000106063	0.282097	-3.54489	0.447175	1.15404	1.15404	0.0356847	1.57158	1.57158	8.9764	4.86182	0.481443	1
cg18451588	0.0320435	2.23381	2.23381	0.278044	0.697019	-1.43468	0.913508	1.03538	1.03538	0.321634	1.38769	1.38769	6.6599	10.8002	1.4415	1
cg03004598	0.03432	8.40262	8.40262	0.00213705	41.2295	41.2295	0.0101005	16.4148	16.4148	0.0414498	7.59385	7.59385	5.00802	58.9541	10.4639	1
cg17444904	0.0348275	12.7611	12.7611	0.00473848	48.593	48.593	0.0191061	18.8435	18.8435	0.0204785	18.0071	18.0071	4.50975	76.544	15.0871	1
cg23363754	0.00297248	6.1957	6.1957	0.519121	0.746463	-1.33965	0.973479	1.01498	1.01498	0.263768	1.68404	1.68404	3.73469	11.84	2.81803	1
cg09282258	0.0826437	10.9735	10.9735	0.00583632	89.8803	89.8803	0.0150778	41.365	41.365	0.0463104	17.1976	17.1976	3.61116	88.8285	21.8652	1
cg04619381	0.0794331	6.95818	6.95818	0.00742347	31.0623	31.0623	0.0207516	16.0227	16.0227	0.0627273	8.05754	8.05754	3.46783	54.5268	13.9766	1
cg19942237	0.0671499	15.0856	15.0856	0.00627122	111.07	111.07	0.0166386	47.8214	47.8214	0.0707576	14.4488	14.4488	3.42636	94.9312	24.6276	1
cg18570553	0.217547	4.35643	4.35643	0.00480357	69.7621	69.7621	0.0140502	31.1792	31.1792	0.0788048	9.15522	9.15522	3.40413	69.3846	18.1177	1
cg09607679	0.0144428	0.381977	-2.61796	0.00505246	0.306156	-3.26631	0.000361328	0.161055	-6.20907	0.278176	0.697667	-1.43335	10.9512	17.6786	1.43494	1
cg05099221	0.00110982	0.185141	-5.40129	0.000612418	0.156875	-6.3745	0.00513406	0.273225	-3.65999	0.0168048	0.359121	-2.78457	10.8796	21.2273	1.73433	1
cg15738800	0.0701571	0.558191	-1.7915	0.0276772	0.4725	-2.1164	0.0250179	0.463967	-2.15533	0.992579	0.997325	-1.00268	5.86806	7.70877	1.16772	1
cg00260201	0.0812409	0.381603	-2.62052	0.109433	0.418995	-2.38667	0.687477	0.817454	-1.22331	0.0234499	0.259435	-3.85453	4.98712	19.6214	3.49726	1
cg10878307	0.076953	0.44793	-2.23249	0.100836	0.480067	-2.08304	0.00154163	0.155651	-6.42462	0.0709623	0.438773	-2.27908	4.93092	13.0218	2.34743	1
cg16532606	0.1644	0.403271	-2.47972	0.00465702	0.0998876	-10.0113	0.075675	0.298083	-3.35477	0.0600061	0.272846	-3.66507	3.7898	22.4926	5.27559	1
cg18052778	0.0138217	0.286553	-3.48975	0.0226319	0.325902	-3.06841	0.125919	0.506506	-1.97431	0.0579414	0.414578	-2.41209	3.70843	9.91027	2.37543	1
cg03496533	0.23724	0.725263	-1.37881	0.047478	0.555351	-1.80066	0.00190812	0.319615	-3.12876	0.285516	0.749939	-1.33344	3.62575	3.86453	0.947429	1
cg16892553	0.00215144	0.394003	-2.53805	6.36E-05	0.203891	-4.90458	0.000403136	0.296402	-3.3738	0.0199556	0.544918	-1.83514	14.575	10.7851	0.657753	1
cg10698355	0.68809	1.04336	1.04336	0.0328378	0.769073	-1.30027	4.38E-06	3.04458	3.04458	0.757492	0.967949	-1.03311	15.8253	2.7727	0.155739	1
cg12453014	0.601549	0.912841	-1.09548	0.0565645	0.688247	-1.45297	1.08E-05	5.07471	5.07471	0.520292	0.893329	-1.11941	13.1942	6.2607	0.421782	1
cg08981702	0.752129	0.921571	-1.0851	0.0101275	0.433359	-2.30756	0.00836188	2.38356	2.38356	0.0998106	0.628195	-1.59186	12.7856	13.4553	0.935443	1
cg27107171	0.000361998	0.287895	-3.47348	0.597974	1.12286	1.12286	0.986868	0.996422	-1.00359	0.139083	1.4144	1.4144	7.50587	5.6373	0.667602	1
cg12158272	0.887241	1.0136	1.0136	0.0627594	1.22057	1.22057	0.000104511	1.9209	1.9209	0.399828	0.921232	-1.0855	6.67929	0.958565	0.127567	1
cg05893843	0.718865	1.09661	1.09661	0.0306535	0.523173	-1.91141	0.544824	1.16924	1.16924	0.00167614	0.317834	-3.14629	6.25945	6.45251	0.916305	1
cg01256539	0.127934	0.596198	-1.67729	0.00240051	0.264715	-3.77765	0.517501	1.229	1.229	0.413476	0.768954	-1.30047	5.80071	9.07218	1.3902	1
cg18014186	0.0294896	0.402039	-2.48732	0.00416103	0.255321	-3.91665	0.70364	0.87297	-1.14551	0.0722141	0.490074	-2.04051	5.37586	10.7574	1.77871	1
cg05168468	0.0666669	0.584153	-1.71188	0.162706	0.677312	-1.47643	0.0665658	1.7123	1.7123	0.860251	0.954974	-1.04715	4.92583	5.33243	0.962261	1
cg09459548	0.0425744	0.239988	-4.16688	0.16855	0.407878	-2.45172	0.186335	0.424714	-2.35453	0.0567471	0.267644	-3.73631	4.72773	27.9745	5.25966	1
cg12155028	0.5895	1.17236	1.17236	0.563923	1.18566	1.18566	0.670779	1.13295	1.13295	0.401738	0.778379	-1.28472	4.1605	5.61563	1.19978	1
cg09046055	0.0120974	9.30306	9.30306	0.000774822	37.598	37.598	0.00500564	14.1211	14.1211	0.0573366	4.6311	4.6311	6.04764	48.6809	7.15517	1
cg09893871	0.0305351	21.4736	21.4736	0.00329621	125.267	125.267	0.0151461	36.6147	36.6147	0.0782329	10.5976	10.5976	3.81258	87.9072	20.4952	1
cg08173692	0.0635703	29.3503	29.3503	0.00818917	240.185	240.185	0.00937183	208.011	208.011	0.162515	11.1971	11.1971	3.40641	141.603	36.9508	1
cg06746450	0.353816	1.09589	1.09589	0.000214565	1.80975	1.80975	0.57692	1.05559	1.05559	0.715362	0.965456	-1.03578	12.2653	1.78982	0.129711	1
cg19302410	0.0792547	1.2694	1.2694	0.000956881	1.82659	1.82659	0.231041	1.16628	1.16628	0.426183	0.905307	-1.1046	9.82907	2.33347	0.211027	1
cg14242928	0.00108094	0.299092	-3.34345	0.0450262	1.77766	1.77766	0.497672	1.18792	1.18792	0.0250518	0.513397	-1.94781	7.86994	7.79741	0.880697	1
cg22220467	0.000506203	3.03761	3.03761	0.000593426	0.338157	-2.95721	0.0136737	0.536069	-1.86543	0.0202961	0.564353	-1.77194	10.4002	6.88536	0.58848	1
cg00524108	0.282271	1.82638	1.82638	0.0812455	0.352765	-2.83475	2.23E-05	0.0102113	-97.931	0.925217	1.05191	1.05191	9.61342	44.2466	4.09119	1
cg04681368	0.142765	1.44288	1.44288	0.00115124	0.32894	-3.04007	0.431036	0.829395	-1.2057	0.147207	0.696264	-1.43624	3.5938	3.0834	0.762646	1
cg23959119	0.471742	1.12513	1.12513	0.000747698	0.438685	-2.27954	0.974739	1.00511	1.00511	0.547793	1.10292	1.10292	3.55679	1.46124	0.365184	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(2 vs. N)	p-value(1127 vs. N)	Fold-Change(2 vs. N)	p-value(1217 vs. N)	Fold-Change(2 vs. N)	p-value(1221 vs. N)	Fold-Change(2 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Error)
cg24747539	PR02A;PR02B;PR02D;PR02E;PR02	0.00122397	0.000832078	0.356976	-2.80131	0.17492	0.744217	-1.34369	0.081093	0.673004	-1.48588	0.254198	0.783651	-1.27608	0.000129642	0.252684	-3.90193	0.179942	0.747068	-1.33857	0.45876	0.856868	-1.16704	0.634416	0.906569	-1.10306	0.000177097	0.272157	-3.67435	11.1089
cg10426482	OC PR02A;PR02B;PR02D;PR02E;PR02	0.00497098	0.00702418	0.598809	-1.66998	0.23945	0.834224	-1.19872	0.982441	0.996767	-1.00324	0.926476	1.01367	1.01367	0.000129247	0.375773	-2.66118	0.288263	0.850259	-1.17611	0.53134	0.910925	-1.09779	0.536256	0.911966	-1.09653	0.00663402	0.505453	-1.67939	7.35164
cg12986037	OB PR02B;PR02D;PR02E;PR02B;PR02	0.00560711	0.0668275	0.722446	-1.38419	0.36455	0.862929	-1.15884	0.0303067	0.668373	-1.49617	0.2616919	0.51793	1.51793	0.06859564	0.724308	-1.83063	0.581896	0.91577	-1.09198	0.131723	0.773026	-1.29362	0.591726	0.88944	-1.08944	0.000241932	0.382635	-2.61346	7.08545
cg11953079	OA PR02E;PR02B;PR02D;PR02C;PR02B	0.008844628	0.00789834	0.459247	-2.17748	0.0196605	0.524611	-1.90618	0.0488213	0.598199	-1.67168	0.197306	1.36515	1.36515	0.000114764	0.213236	-4.68963	0.28377	0.775439	-1.28959	0.0443462	0.590099	-1.69463	0.278334	1.29362	1.29362	0.00015011	0.226101	-4.4228	12.3419
cg26284685	0A	0.00314389	0.000847099	0.111946	-8.93289	0.0164862	0.27834	-3.59273	0.683072	1.19624	1.19624	0.879293	1.06858	1.06858	0.00113405	0.123652	-8.08718	0.704383	1.181103	1.18103	0.247392	1.69538	1.69538	0.82659	1.10051	1.10051	0.00258841	0.16162	-6.18734	8.439779
cg04683190	PRR21	0.000264147	0.007709397	0.357479	-2.7958	0.000292839	0.168234	-5.94381	0.0180064	0.438853	-2.38178	0.385789	1.30799	1.30799	0.000220112	0.155795	-6.41867	0.0153798	0.407317	-2.45509	1.63E-05	0.0685414	-14.5897	0.00905697	0.367261	-2.72286	0.04211 77	0.493063	-2.02814	17.0324
cg03575228	PRR21	0.00470674	0.7936066	0.956054	-1.04597	0.0483545	0.587284	-1.89435	0.0381378	0.663112	-1.50804	0.0250921	1.57692	1.57692	0.54E-05	0.272732	-3.6666	0.7976997	0.957042	-1.04489	0.000627137	0.407601	-2.45663	0.00205069	0.675897	-2.10129	0.005011 18	0.53009	-1.88647	14.532
cg12040750	PR21	0.000486501	0.000537972	0.216019	-4.62923	0.372455	1.07736	1.10736	0.00220787	0.280774	-3.4991	0.0062825	0.358788	2.787156	0.000293858	0.508064	-3.24608	0.446369	0.799734	-1.25042	3.80E-05	0.102657	-9.74115	0.00101177	0.24664	-4.0545	0.0179143	0.43676	-2.28959	14.9994
cg00744739	PRR21	0.0014295	0.0369085	0.4824339	-2.0728	0.0382103	0.485577	-2.05941	0.00144846	0.250553	-3.99118	0.030781	0.466306	-2.14451	0.000950217	0.227296	-4.39955	0.07867 94	0.555812	-1.79917	7.50E-05	0.115105	-8.68775	0.01908882	0.426061	-2.34708	0.00769045	0.356991	-2.80119	10.6257
cg20737072	PR22;DUS3L;DUS3L;PR22	0.00771099	0.350675	0.782232	-1.27839	0.8256685	1.05802	1.05802	0.00922427	0.282107	-3.54476	0.252062	0.736447	-1.35787	0.031496436	0.5335	-1.87441	0.00145662	0.308629	-3.24013	0.049727	0.355885	0.97955	0.962096	-1.03994	0.147693	0.644888	0.920321	1
cg02136394	PR22;DUS3L;DUS3L;PR22	0.011652	0.2703313	0.708051	-1.41243	0.0326219	0.28553	-3.50226	0.0147233	0.405262	-2.46754	0.599919	1.20526	1.20526	0.020201204	0.269515	-3.71037	0.013773	0.388988	-2.57674	0.08096843	0.5586092	-1.78989	0.444992	0.7911159	-1.26397	0.1196006	0.6016441	-1.66212	5.62691
cg14308452	PR22;PRR22	1.17E-06	3.07E-05	0.418671	-2.38851	2.06E-07	0.185472	-5.39165	3.36E-06	0.309653	-3.22943	0.00290303	0.645508	-1.54917	1.02E-06	0.254033	-3.9365	7.59E-07	0.240696	-4.15461	0.0913058	0.8189666	-1.22001	0.049013	0.786368	-1.27167	0.892917	1.01451	1.01451	70.5242
cg09424870	PR22;PRR22	0.00955014	0.9458824	0.989546	-1.01056	0.0304746	0.534872	-1.86061	0.0380958	0.684266	-1.46142	0.225169	1.22258	1.22258	0.008431301	0.70265	1.70265	0.04187 46	0.690756	-1.44769	0.0464152	1.43317	1.43317	0.47934	0.8927 54	-1.12013	0.2445 56	0.825269	-1.21173	6.0156
cg22056870	PR22;PRR22;PRR22	0.010335	0.07584 14	1.20709	1.20709	0.2635063	0.894923	-1.11741	0.6573 86	1.10646	1.10646	0.6342221	1.26535	1.26535	0.082002	0.724554	1.38016	0.886801	0.986524	-1.01366	0.0011939	1.5398	1.5398	0.109463	1.18085	1.18085	0.1810 28	0.937346	-1.02318	5.84857
cg12567418	PR22;PRR22;PRR22	0.0103709	0.865464	0.97368	-1.02703	0.00260117	0.518825	-1.92743	0.768519	0.954639	-1.04752	0.294009	1.18674	1.18674	0.501071	1.1134	1.1134	0.504681	1.11236	1.11236	0.00157224	2.04257	2.04257	0.04176 79	1.44648	1.44648	0.77168	1.04683	1.04683	5.84208
cg10727954	PR23A	8.03E-05	3.42227	1.42297	1.42297	0.00015701	0.344151	-2.9057	0.0401264	1.50634	1.50634	0.611172	1.95342	1.95342	0.000264	0.216147	4.62308	0.0111586	0.577268	-1.7323	7.45E-06	0.49965	0.49965	0.00010384	3.72932	3.72932	0.0330689	1.53799	1.53799	33.1172
cg03408035	PR23A	0.000165646	0.37384	0.839681	-1.19093	0.1723391	1.32054	1.32054	0.7213 77	1.07095	1.00107	0.0960769	0.270331	-3.69917	2.02E-05	0.191996	-5.20843	0.057941	0.663457	-1.50726	0.01698	1.74582	1.74582	0.7563	0.942153	-1.0614	0.000413667	0.3421	-2.92312	19.3324
cg19268313	PR23A	0.00104532	0.00204872	0.253188	-3.95488	0.0062459	0.25	-3.94501	0.0070437	0.656547	-1.52312	0.88357	1.00253	1.00253	0.000118018	0.734291	-1.36186	3.47E-06	0.26185	-3.81899	0.0015425	0.78183	1.78183	0.183852	1.18892	1.18892	4.66E-06	0.275652	0.62777	44.6378
cg21350073	PR23A	0.000895105	0.405475	1.19436	1.19436	0.0179963	1.82173	1.82173	0.246987	1.28739	1.28739	0.0967414	1.46297	1.46297	0.00120085	0.37153	2.69157	0.525011	0.874226	-1.14387	5.89E-05	4.72018	4.72018	0.0192481	1.8056	1.8056	0.927854	1.01908	1.01908	12.1414
cg02806645	PR23A	0.01119429	0.432805	1.49232	1.49232	0.0349368	1.46348	1.46348	0.0623498	1.61814	-5.59741	0.474627	1.43855	1.43855	0.122935	0.433512	-2.30674	0.986126	1.00873	1.00873	0.00301557	7.64169	7.64169	0.0669203	2.79319	2.79319	0.784427	1.871852	1.14608	5.58213
cg03772608	PR23A	0.0130375	0.197748	1.42774	1.42774	0.0019328	1.15008	1.15008	0.893232	1.03613	1.03613	0.390669	1.25867	1.25867	0.010928	0.413657	-2.30598	0.523904	1.18402	1.18402	0.148213	1.50033	1.50033	0.00928534	2.37104	2.37104	0.2884 57	1.33407	1.33407	5.42504
cg22926528	PR23B	3.68E-05	0.494244	0.86783	-1.1523	0.0524227	0.637349	-1.569	0.000463009	0.324652	-3.08022	0.741102	0.934531	-1.07005	0.000458204	0.324072	-3.08573	0.000643931	0.34322	-2.91358	7.63E-07	0.0660228	-15.1463	0.157996	0.734725	-1.36105	0.000230363	0.286816	-3.48655	28.8668
cg14926617	PR23B	0.000456314	0.446981	0.891101	-1.12233	1.02E-05	0.242777	-4.119	0.42117	0.884234	-1.13092	0.0421142	0.704582	-1.41928	0.000255119	0.405782	-2.46408	0.0131719	1.58436	1.58436	0.223814	1.23138	1.23138	0.0903983	1.08203	1.08203	0.0002905 43	0.412853	-2.42217	20.2047
cg23330451	PR23B	0.000177395	0.0631901	0.681227	1.68127	0.0107559	0.450769	-2.21843	0.0521977	0.577482	-1.73166	0.000413884	0.42785	2.40785	0.42785	0.5687	1.154	1.154	0.000758364	0.281056	-3.55801	0.0103426	2.23255	2.23255	0.0038218 3	4.82359	4.82359	0.0270184	1.356385	1.35638	7.84257
cg02045971	PR23B	0.000761322	0.0771157	1.90367	1.90367	0.000618082	5.61974	5.61974	0.006650 85	0.315484	-3.16974	0.111606	1.7641	1.7641	0.166785	0.617007	-1.62073	0.0275677	0.425902	-2.34796	0.007931	3.05036	3.05036	0.00184412	4.27962	4.27962	0.00845109	0.332369	-3.00871	12.7079
cg26135216	PR23B	0.003830338	0.2200319	0.744981	-1.34227	0.0021628	0.379752	-2.63342	-1.52132	0.0025485	-1.65846	0.4705351	1.35394	1.35394	0.0012 77	0.373972	-2.67375	0.164708	0.515136	-1.83574	0.0443294	2.67222	2.67222	0.2716 06	2.77208	2.77208	0.00269953	0.180675	6.514481	3.9956
cg20821082	PR23B	0.00519254	0.486	0.804756	-1.24261	0.9301013	0.973443	-1.02728	0.972864	1.01049	1.01049	0.136532	0.60149	1.60149	-1.66303	0.00200535	0.148298	-6.7432	0.936451	0.975829	-1.02477	0.0625455	2.72542	2.72542	0.2755 64	2.75144	2.75144	0.0054413	1.836847	7.254034	10.8176
cg16359799	PR23B	0.040606 01	0.1186633	0.872147	-1.14687	0.2015	0.710275	-1.40775	0.1	0.830137	-1.20483	0.0	0.729775	-1.37099	0.136064	0.602082	-1.66061	0.940016	0.98311	-1.06441	0.647731	1.06255	1.06255	-1.08311	0.4737 83	1.06255	1.06255	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg20758219	PR23B;PR23B	0.000366025	0.14134	1.36847	1.36847	0.378475	0.835935	-1.19627	0.464633	0.862776	-1.15905	0.491994	1.14845	1.14845	4.34E-05	0.214531	-4.66133	0.0200166	1.74485	1.74485	0.000181449	3.51151	3.51151	0.06412 11	1.51077	1.51077	0.0859213	1.457	1.457	15.5763
cg00662963	PR23B;PR23B	0.002421179	0.00300471	0.274502	2.74503	0.14495	1.47477	1.47477	0.0267488	0.521347	-1.91811	0.0159162	2.08069	2.08069	0.252705	0.134514	3.14514	0.0668773	0.6096	-1.665	0.00034442	4.17741	4.17741	0.198255	1.40136	1.40136	0.31068	0.7700801	-1.29735	12.9795
cg11840994	PR23C	6.92E-05	0.0079708	0.44635	2.24076	0.0289953	-3.94501	0.0070437	0.656547	-1.52312	0.88357	1.00253	1.00253	1.00253	0.011818018	0.734291	-1.36186	3.47E-06	0.26185	-3.81899	0.0015425	0.78183	1.78183	0.183852	1.18892	1.18892	4.66E-06	0.275652	0.62777	44.6378
cg02608145	PR23C	5.36E-05	0.3510 63	0.839885	-1.19064	6.11E-05	0.260514	-3.81857	0.000901778	0.405328	-2.46714	0.101551	0.721872	-1.38529	0.0025056	0.466112	-2.14541	0.605436	0.909606	-1.09938	0.0100816	1.80452	1.80452	0.16155	1.31231	1.31231	3.11E-06	0.133493	-7.49102	26.1327
cg04530147	PR23C	0.001818346	0.2863575	0.779766	-1.28249	0.0184605	0.655141	-1.52546	0.0609967	0.43262	-2.29744	0.0312585	1.543732	1.543732	0.0088	0.328456	-3.04511	0.000166557	0.230176	-4.3445	0.00304547	0.2883451	0.2883451	0.0010948	0.3468	0.3468	0.0016127	0.591239	0.7954	0.7954	0.0170535	1
cg01565777	PR23C	0.00196483	0.02710 61	0.582406	-1.71702	0.0200876	1.78517	-1.78517	0.467878	0.85845	-1.16489	0.0519424	1.57924	1.57924	0.003977337	0.23226	3.23226	0.411929	0.840842	-1.18928	0.165586	1.35629	1.35629	0.00538604	3.04126	3.04126	0.492062	1.1551	1.1551	9.69186
cg20381422	PR23C	0.00312822	0.431401	1.28577	1.28577	0.0172442	0.403268	-2.47974	0.0131704	0.382089	-2.61719	0.643163	1.15723	1.15723	0.156026	1.58779	1.58779	0.168902	1.5822	1.5822	0.022594	2.3506	2.3506	0.00076102	2.02053	-4.93795	0.00940751	0.356836	-2.80241	8.45235
cg24530147	PR23C	0.0162384	0.0748357	1.29	1.29	0.0222	0.555	-1.80	0.0	0.666	-1.50	0.0	0.666	2.04414	0.0	0.666	2.04414	0.0063459	1.378716	1.378716	0.1115235	2.62361	2.62361	0.0108389	5.88854	5.88854	0.086099	1.0097	1.0097	14.6918
cg14325153	PR23C	0.0204753	0.275361	2.11966	2.11966	0.0462947	0.220701	-4.53101	0.101073	0.304696	-3.28196	0.967447	1.02738	1.02738	0.537329	4.1499	4.1499	0.00550967	0.0893802	-11.1882	0.353427	1.88126	1.88126	0.0264234	5.7095	5.7095	0.852517	1.13108	1.13108	6.16703
cg04845819	PR23C;PR23C	0.486-06	2.92E-05	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg02930239	PR23C;PR23C	0.00572823	0.0467683	0.107773	1.88069	0.127831	1.80854	1.80854	0.115156	1.85244	1.85244	0.125154	1.81738	1.81738	0.0139481	2.98311	2.98311	0.636795	1.18671	1.18671	0.119811	0.544754	-1.83569	0.00959754	3.25485	3.25485	0.260916	1.525	1.525	3.47488
cg02801966	PR24	0.00267503	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0.0063459	1.378716	1.378716	0.1115235	2.62361	2.62361	0.0108389	5.88854	5.88854	0.086099	1.0097	1.0097	14.6918
cg00581995	PR24	0.00611183	0.0375128	0.57532	-1.73816	7	0	0	0	0	0	0	0	0	0	0	0	0.0063459	1.378716	1.378716	0.1115235	2.62361	2.62361	0.0108389	5.88854	5.88854	0.086099	1.0097	1.0097	14.6918
cg06563149	PR24	0.0402818	0.00323192	0.206898	-4.83329	0.430597	1.371	1.371	0.112444	1.96955	1.96955	0.0636024	0.441309	-2.26599	0.92474	0.963619	-1.03775	0.1227 04	0.518926	-1.92706	0.304819	1.5171	1.5171	0.227718	0.608567	-1.6432	0.518119	0.773385	-1.29302	1.67562
cg12139220	PR24;PR24	0.0338888	7	7	7	0.0221628	0.379	-2.63	-1.47428	0.140981	-7.09379	7	0.379	2.63	0.739792	1.352121	-1.35	0.0629044	1.591005	1.591005	1.59	7	7	0.422373	2	0.5	0.422373	2.128	0.02883	2.128	0.422373	2.128	0.02883	4.723	0.5
cg00706697	PR25	7.88E-05	0.00027328	0.212512	-4.70562	5.10E-05	7.17733	1.17733	0.00441809	2.62868	2.62868	0.175351	0.687765	-1.45398	0.000224733	0.203076	-4.92426	0.0169008	0.469166	-2.13144	0.000488858	0.241961	-4.1329	0.847659	1.05122	1.05122	0.343489	0.776112	-2.28847	23.5956
cg03619075	PR25	0.00303507	0.1493787	0.501919	-1.99291	0.0159965	2.45439	2.45439	0.0123476	0.352154	-2.83838	0.0107234	0.297039	2.970739	0.000674949	0.188392	-5.30807	0.794074	1.094018	1.094018	0.000545003	0.288693	-3.46388	0.00405613	1.14883	1.14883	0.2282001	0.6050636	-1.53086	8.538665
cg01995067	PR25	0.00887132	0.4424463	0.773055	-1.29357	0.000252005	7.26953	7.26953	0.0132609	1.76421	1.76421	0.642198	1.36626	1.36626	0.701227	1.15307	1.15307	0.0805176	1.89109	1.89109	0.0015539	1.57177	1.57177	0.03202 91	2.31094	2.31094	0.1449249	0.5460496	-1.66249	6.143636
cg08395793	PR25	0.0130472	0.0274802	0.461575	-2.1665	0.0094316	0.625239	-1.60218	0.0123959	0.630216	-1.58676	0.298307	0.726413	-1.37663	0.0014369	0.298307	0.579745	-1.7249	0.0250785	0.453801	-2.20361	0.00377563	0.313881	-3.18592	0.143748	0.627686	-1.59315	0.411079	0.779421	-1.283	4.523225
cg01223225	PR25	0.00184812	0.0114823	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg03313654	PR25	0.0200193	0.00950644	0.558833	-1.78944	0.0310345	1.56583	1.56583	0.697624	1.0716	1.0716	0.38613	0.854392	-1.17042	0.0289493	0.633745	-1.57792	0.0568163	0.682612	-1.46496	0.0163114	0.5944222	-1.68231	0.293988	1.21264	1.21264	0.3926 14	0.856309	-1.1678	4.703002
cg04784519	PR25	0.0495795	0.328	0.804155	-1.24353	0.0746433	0.373896	-2.68049	0.323354	0.602615	-1.65943	0.193972	0.505419	-1.97851	0.011738	0.200407	-4.77333	0.154138	0.468847	-2.13198	0.000805049	0.0811941	-12.3162	0.07915	0.573145	-1.75056	0.1735 38	0.487253	-2.05232	6.83081
cg03749207	PR25	0.0287546	0.36149	0.552405	-1.81027	0.0147388	0.67907	0.678407	0.0182408	0.163156	-6.12912	0.466479	0.625721	-1.59816	0.368239	0.5572 58	1.7945	0.112595	0.335275	-2.98263	0.0968091	0.818038	-1.34428	0.080306	0.292675	-3.41676	0.0163752	0.156228	0.448468	26.3015
cg14223671	PR25	0.0153964	0.105215	0.431896	-2.31537	0.0477551	2.92578	2.92578	0.454428	1.43532	1.43532	0.354972	0.636799	-1.57035	0.187941	0.515943	-1.9382	0.0591141	0.363962	-2.74754	0.0865293	0.407395	-2.45462	0.493401	0.719005	-1.39081	0.00472381	0.168607	-5.93005	3.85139
cg25068063	PR25;PR25;PR25;GNL1;PR25;GNL1	0.000816676	0.0001153	0.338672	-2.95139	0.0006639	1.57561	1.57561	0.178947	0.68298	-1.46451	0.0290133	0.52624	-1.90013	0.000357851	0.610813	-1.63739	0.0116298	0.640459	-1.56138	7	0.0747888	0.551982	-1.81165	0.352466	0.873566	-1.14473	0.12428	3.490608	0.280968
cg15100630	PR25;PR25;PR25;GNL1;PR25;GNL1	0.00482547	0.40636	0.913408	-1.0948	0.348077	1.1085	1.1085	0.679838	0.956731	-1.04524	0.574452	1.06236	1.06236	0.357168	1.10625	1.10625	0.907081	0.987627	-1.01253	0.00310327	0.4924 11	-2.03082	0.242395	1.13935	1.13935	0.0200243	1.34886	1.34886	7.418554
cg02605647	PR25;PR25;PR25;GNL1;PR25;GNL1	0.00486244	0.4244137	0.912737	-1.09532	0.3444132	1.1398	1.1398	0.677117	0.96454	-1.03614	0.572322	1.06247	1.06247	0.359237	1.10625	1.10625	0.9074	0.987627	-1.01253	0.00310327	0.4924 11	-2.03082	0.242395	1.13935	1.13935	0.0200243	1.34886	1.34886	7.418554
cg15800886	PR25;PR25;PR25;GNL1;PR25;GNL1	0.02746 36	0.724647	0.953893	-1.04834	0.137449	1.23802	1.23802	0.113631	1.25829	1.25829	0.144961	0.811457	-1.23235	0.957862	0.992973	1.00708	0.149401	0.813573	-1.22915	0.0459414	1.35707	1.35707	0.135031	-1.80653	-1.23991	0.00447097	0.602895	-1.65866	4.216381
cg24208990	PR25;PR25;PR25;GNL1;PR25;GNL1	0.0456778	0.040313	1.67738	1.67738	0.487833	0.857355	-1.16638	0.32337	0.800337	-1.24947	0.0222311	1.81926	1.81926	0.135864	1.42039	1.42039	0.407714	0.831173	-1.20312	0.0224726	0.550492	-1.81656	0.492284	0.858745	-1.16449	0.395227	0.826856	-1.2094	1.50583
cg11460110	PR25;PR3	5.69E-05	0.00757179	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg03476596	PR3;PR3	0.000326212	0.520451	0.967995	-1.03306	1.13E-05	0.627831	-1.59279	0.0134027	0.858199	-1.16523	0.183377	0.91194	-1.07303	0.00723751	0.841106	-1.18891	0.000427926	0.756999	-1.32101	0.000725205	0.7736121	-1.29264	0.00702429	0.840269	-1.19009	0.00627217	0.837093	-1.19461	16.0769
cg25463483	PR3;PR3	0.00120302	0.3374653	0.745557	-1.34157	0.0377727	0.977502	-1.02722	0.2209	0.644872	-1.55111	0.0119012	0.944461	-1.34225	0.0018421	0.619842	-1.61328	0.000421661	0.512572	-1.95041	0.0001	0.2998	0.2998	0.0001	0.572145	-1.75056	0.173538	0.487253	-2.05232	6.83081
cg04577225	PR3;PR3	0.0208197	0.033805	2.229695	-4.35361	0.0067319	0.124243	-8.04877	0.07761	0.312166	-3.20342	0.0139393	0.16485	-6.06613	0.0192194	0.186143	4.30542	0.687721	0.78676	-1.27103	0.00497187	0.110021	-9.0892	0.181124	0.430542	-2.32265	0.0193624	0.224982	4.4448	4.64067
cg25759366	PR3;PR3;PR3;GNL1	7.06E-05	0.594752	1.13979	1.13979	0.000151397	0.205046	-4.87695	0.00061323	0.276423	-3.61764	0.00124656	0.316854	-3.15602	0.000272245	0.233628	-4.2803	0.000793503	0.290783	-3.43899	0.120397	0.663296	-1.50762	0.903643	0.970917	-1.02995	3.99E-06	0.0734051	-13.623	24.2988
cg15777523	PR3;PR3;PR3;GNL1;PR3;GNL1;PR3;GNL1	5.36E-05	0.0026509	0.357872	-2.79539	0.0001151	0.706463	-1.4155	0.0124	0.359233	-2.78421	0.0004222	-1.02572	0.028302	-1.54672	0.1	-1.54672	0.0004	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
cg01532218	PR3;PR3;PR3;GNL1;PR3;GNL1	0.00347738	0.464899	0.893397	-1.11932	0.907865	0.982607	-1.0177	0.65745	0.934599	-1.06918	0.272161	1.18914	1.18914	0.315449	0.854437	1.17036	0.446852	0.889135	-1.12469	0.000698334	0.4567 21	-2.18952	0.000144384	0.370758	-2.69718	0.431782	0.885502	-1.1293	1.88968
cg04312638	PR3;PR3;PR3;GNL1;PR3;GNL1	0.00399481	0.0948437	0.730737	-1.36859	0.0128098	0.742218	-1.34776	0.0619956	0.824696	-1.21296	0.2496	0.931027	-1.07389	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
cg22941165	PR3;PR3;PR3;GNL1;PR3;GNL1	0.029988	0.63748	1.13373	1.13373	0.0498527	0.553497	-1.80669	0.102875	0.623841	-1.60297	0.932293	1.02272	1.02272	0.208908	1.41944	1.41944	0.103182	0.624154	-1.60217	0.00174912	0.307383	-3.25327	0.196096	0.696645	-1.43545	0.09094 41	0.611116	-1.63623	0.408741
cg18976822	PR3;PR3;PR3;GNL1;PR3;GNL1	0.030079	0.148184	0.834597	-1.19818	0.0598097

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07136133	PRR5L;PRR5L;PRR5L;PRR5L	0.010906	0.136798	0.620378	-1.61192	0.564486	1.18947	1.18947	0.00104138	0.23549	-4.24646	0.0194944	0.431251	-2.31883	0.0228852	0.444443	-2.25001
cg21544931	PRR5L;PRR5L;PRR5L;PRR5L	0.0164149	0.01127	0.261543	-3.82347	0.0239385	0.320376	-3.12133	0.0934978	0.458688	-2.18013	0.0991266	0.465881	-2.14647	0.00504786	0.208738	-4.79069
cg20972380	PRR5L;PRR5L;PRR5L;PRR5L	0.019518	0.145772	0.781641	-1.27936	0.325508	0.85202	-1.17368	0.305622	0.845922	-1.18214	0.469974	1.12294	1.12294	0.000671083	0.440104	-2.27219
cg03823983	PRR5L;PRR5L;PRR5L;PRR5L	0.0236189	0.346671	0.828052	-1.20765	0.0223285	0.5868	-1.70416	0.0454764	0.639778	-1.56304	0.0337925	0.61719	-1.62025	0.00230443	0.436379	-2.29159
cg26451547	PRR5L;PRR5L;PRR5L;PRR5L;PRR5L	0.000410505	0.0168537	0.576558	-1.73443	0.0561679	0.664673	-1.5045	0.00726209	0.519953	-1.92325	0.00158254	0.424606	-2.35512	0.0129699	0.558588	-1.79023
cg08943494	PRR5L;PRR5L;PRR5L;PRR5L;PRR5L	0.0166395	0.210875	0.762528	-1.31143	0.158428	1.36352	1.36352	0.0351996	0.603801	-1.65618	0.0131735	0.531479	-1.88154	0.0620189	0.649122	-1.54054
cg18520238	PRR5L;PRR5L;PRR5L;PRR5L;PRR5L	0.0333707	0.057637	0.560514	-1.78408	0.0290983	2.00075	2.00075	0.234102	0.714367	-1.39984	0.0877531	0.601586	-1.66227	0.0130535	0.435879	-2.29421
cg14098951	PRR7	0.0062938	0.660389	1.17864	1.17864	0.000531433	0.13465	-7.42669	0.58356	1.2285	1.2285	0.54553	1.25534	1.25534	0.000935477	0.159499	-6.26964
cg03174013	PRR7	0.0126929	0.00836633	0.593157	-1.68589	0.00220411	0.514149	-1.94496	0.121858	0.771089	-1.29687	0.429577	0.882499	-1.13315	0.167096	1.25649	1.25649
cg04110559	PRR7	0.0140022	0.756203	1.11319	1.11319	0.730332	1.12653	1.12653	0.113312	1.81003	1.81003	0.00113432	0.19228	-5.20075	0.0329831	0.423744	-2.35992
cg23108125	PRR7	0.0169398	0.357231	0.809424	-1.23545	0.650988	1.10705	1.10705	0.212686	1.34056	1.34056	0.915579	0.9766	-1.02396	0.455131	0.84377	-1.18516
cg16693872	PRR7	0.0244707	0.0355396	0.672687	-1.48657	0.605686	1.08803	1.08803	0.803619	1.04119	1.04119	0.495706	0.893981	-1.11859	0.0311763	0.663851	-1.50636
cg17491117	PRR7	0.03051	0.428236	0.754213	-1.32588	0.0349225	0.424306	-2.35679	0.100371	0.533772	-1.87346	0.0405818	2.28125	2.28125	0.0221697	0.384251	-2.60246
cg22655561	PRR7	0.0453049	0.177826	0.59272	-1.68714	0.222274	0.625929	-1.59763	0.269855	1.52148	1.52148	0.341519	0.699074	-1.43046	0.324642	0.689677	-1.44995
cg00971676	PRR7	0.0486552	0.0963808	1.89765	1.89765	?	?	?	0.369845	1.37057	1.37057	0.817411	1.08161	1.08161	0.00561274	0.254175	-3.93429
cg01805784	PRR7;PRR7	0.00210579	0.582681	0.918855	-1.08831	0.755969	0.953571	-1.04869	0.302615	0.849722	-1.17685	0.319556	1.16984	1.16984	0.00218186	0.519153	-1.92622
cg13590816	PRRC1	0.000934069	0.368702	1.12167	1.12167	0.0227424	0.712449	-1.40361	2.71E-05	2.80044	2.80044	0.245955	1.16288	1.16288	0.618207	1.06448	1.06448
cg04431054	PRRC1	0.00386607	0.337601	0.815877	-1.22568	0.0010771	2.7018	2.7018	0.0906231	1.4678	1.4678	0.00155923	2.54959	2.54959	0.125359	0.710736	-1.40699
cg15016296	PRRC1	0.0116076	0.00344077	0.417694	-2.3941	0.623243	0.896915	-1.11493	0.757066	0.934095	-1.07055	0.00573858	0.451305	-2.2158	0.0611938	0.629069	-1.58965
cg03533382	PRRC1	0.0198349	0.741823	1.033	1.033	0.094179	1.1981	1.1981	0.000466944	1.71666	1.71666	0.699279	0.962592	-1.03886	0.474995	0.931132	-1.07396
cg02762363	PRRC1	0.0231859	0.898215	0.971012	-1.02985	0.306536	1.2755	1.2755	0.0150579	1.98728	1.98728	0.0126772	2.03841	2.03841	0.0685998	0.625901	-1.5977
cg26144627	PRRC1	0.0231967	0.730182	0.943747	-1.05961	0.02658	0.644319	-1.55203	0.136266	0.764561	-1.30794	0.4864	1.12555	1.12555	0.0046443	0.53278	-1.87695
cg01119763	PRRG1;PRRG1	0.0013514	3.99E-05	0.0131652	-75.9578	0.338676	0.580458	-1.72278	0.726598	0.823982	-1.21362	0.0537007	3.34758	3.34758	0.461419	0.661313	-1.51214
cg21961766	PRRG2	0.00131825	0.00130944	0.160749	-6.22089	0.00117341	0.155568	-6.42807	0.00227715	0.188743	-5.29821	0.136128	0.533961	-1.8728	0.00068663	0.13192	-7.58035
cg04201347	PRRG2	0.0229327	0.0254852	0.288113	-3.47086	0.0863763	0.411479	-2.43026	0.332243	0.625711	-1.59818	0.115756	0.448716	-2.22858	0.00493795	0.174617	-5.72681
cg12533428	PRRG2;NOSIP	0.000333989	0.166471	1.72494	1.72494	0.02469	2.68699	2.68699	0.132496	1.82191	1.82191	0.0581482	2.20627	2.20627	0.00401324	4.1729	4.1729
cg14094987	PRRG2;NOSIP	0.000442794	0.0122489	1.33976	1.33976	0.0185495	1.30684	1.30684	0.313148	1.10273	1.10273	0.324957	1.09996	1.09996	0.000123764	0.533968	-1.87277
cg05696092	PRRG2;NOSIP	0.00389071	0.00286884	0.146243	-6.83794	0.000466695	0.0758585	-13.1824	0.295081	0.601132	-1.66353	0.13688	0.471875	-2.1192	0.260303	1.73381	1.73381
cg07554231	PRRG2;NOSIP	0.00435899	0.660443	1.14495	1.14495	0.0210644	2.33864	2.33864	0.153653	0.626414	-1.59639	0.858626	1.05611	1.05611	0.248459	0.691148	-1.44687
cg21913888	PRRG2;NOSIP;PRRG2	3.37E-05	1.50E-05	4.54509	4.54509	9.18E-05	0.307998	-3.24678	0.00122204	0.450364	-2.22042	0.0717101	0.712466	-1.40357	0.000370227	0.382595	-2.61373
cg24382689	PRRG3	0.000100459	0.153736	1.29645	1.29645	0.00421532	0.521309	-1.91825	0.00370285	0.513393	-1.94783	0.738604	1.05858	1.05858	4.12E-06	0.162993	-6.13524
cg10721855	PRRG3	0.0012016	0.0925378	0.562462	-1.7779	0.0512596	0.501601	-1.99362	0.00154954	0.242975	-4.11565	0.00710278	0.339236	-2.9478	0.0101794	0.365202	-2.73821
cg02020018	PRRG3	0.00208155	0.000733863	0.108191	-9.24295	0.05813	0.395277	-2.52987	0.00366338	0.182123	-5.49079	0.0244183	0.312771	-3.19723	0.00234204	0.158676	-6.30213
cg09919787	PRRG4	4.42E-06	2.26E-05	0.40168	-2.48954	0.000117329	2.06404	2.06404	0.545474	1.06794	1.06794	0.0654499	0.800798	-1.24875	2.44E-06	0.292773	-3.41562
cg03081205	PRRG4	0.00043279	0.0296926	0.648194	-1.54275	0.000146343	3.02509	3.02509	0.622324	1.08775	1.08775	0.12025	1.33046	1.33046	0.00474362	0.529722	-1.88778
cg03288954	PRRG4	0.000779306	0.00946168	1.7129	1.7129	0.00011763	0.331697	-3.0148	0.134898	0.768134	-1.30186	0.480331	0.889212	-1.12459	0.0185399	0.626681	-1.59571
cg01978549	PRRG4	0.00620678	0.00514675	0.506361	-1.97488	0.00972314	1.8264	1.8264	0.0755533	1.43957	1.43957	0.00197775	0.447113	-2.23657	0.430002	1.15994	1.15994
cg14609458	PRRG4	0.0102464	0.611875	0.931757	-1.07324	0.00152745	0.532473	-1.87803	0.183449	0.822867	-1.21526	0.0179725	1.48758	1.48758	0.449163	1.11242	1.11242
cg19005368	PRRG4	0.0120071	0.0200571	3.65148	3.65148	0.480246	1.39272	1.39272	0.1094	2.23845	2.23845	0.29025	1.65978	1.65978	0.00901196	4.63093	4.63093
cg13770088	PRRG4	0.0152988	0.24072	0.699231	-1.43014	0.000363609	5.28284	5.28284	0.65992	0.878986	-1.13767	0.170812	0.653883	-1.52933	0.910134	1.03344	1.03344
cg12956209	PRRG4	0.0153662	0.465503	1.1494	1.1494	0.000244765	3.11516	3.11516	0.895268	0.975611	-1.025	0.93328	0.984425	-1.01582	0.949827	1.01187	1.01187
cg06972381	PRRG4	0.0211142	0.65011	1.13167	1.13167	0.00073336	4.01464	4.01464	0.170317	1.48521	1.48521	0.947378	0.982281	-1.01804	0.156093	0.662986	-1.50833
cg17955729	PRRT1	5.63E-05	0.000839956	2.8338	2.8338	2.64E-05	5.60205	5.60205	0.00600562	2.10535	2.10535	0.000667782	2.94384	2.94384	0.0250156	1.73832	1.73832
cg08424749	PRRT1	0.000302258	0.0220619	2.00221	2.00221	0.000149387	5.77874	5.77874	0.021486	2.01106	2.01106	0.00554928	2.54911	2.54911	0.0652038	1.67838	1.67838
cg23061027	PRRT1	0.00291679	0.0186953	1.57011	1.57011	0.358366	0.861132	-1.16126	0.00469744	0.551693	-1.8126	0.176572	1.25534	1.25534	0.489884	0.894913	-1.11743
cg14644001	PRRT1	0.00372832	0.00399888	28.6121	28.6121	0.00980605	16.957	16.957	0.0098099	16.9533	16.9533	0.0161359	12.8336	12.8336	0.00464649	26.155	26.155
cg22897615	PRRT1	0.00427457	0.0694544	3.66132	3.66132	0.00257829	14.4422	14.4422	0.0541329	4.04258	4.04258	0.129802	2.84587	2.84587	0.00519129	10.5657	10.5657
cg13782301	PRRT1	0.00668526	0.0434723	2.29175	2.29175	0.337982	1.42303	1.42303	0.386302	1.37328	1.37328	0.388006	1.37164	1.37164	0.0170046	2.82761	2.82761
cg27067781	PRRT1	0.00906709	0.0170256	2.38343	2.38343	0.00410538	3.15621	3.15621	0.673913	1.13467	1.13467	0.0796288	1.78739	1.78739	0.0147301	2.45009	2.45009
cg18501647	PRRT1	0.0154799	0.0244726	3.36588	3.36588	0.0036228	5.94673	5.94673	0.0700857	2.50182	2.50182	0.153542	1.99761	1.99761	0.619022	0.796931	-1.25481
cg08123207	PRRT1	0.0284141	0.0351662	5.35067	5.35067	0.00728048	10.6544	10.6544	0.056082	4.38862	4.38862	0.155867	2.82304	2.82304	0.0236415	6.34002	6.34002
cg05764839	PRRT1	0.0310781	0.0209034	8.4155	8.4155	0.0524139	5.42185	5.42185	0.0414938	6.05944	6.05944	0.173778	3.03135	3.03135	0.465739	1.76631	1.76631
cg17626960	PRRT1	0.0311966	0.687009	0.865662	-1.15519	0.119647	1.82468	1.82468	0.465845	0.767728	-1.30254	0.527499	1.25609	1.25609	0.907763	1.04214	1.04214
cg24125828	PRRT1	0.0314502	0.066398	2.98829	2.98829	0.201209	2.04977	2.04977	0.900326	1.0689	1.0689	0.934995	1.04433	1.04433	0.161256	2.21562	2.21562
cg05767720	PRRT1	0.0315345	0.0535733	4.85745	4.85745	0.00546705	13.9338	13.9338	0.0705189	4.29423	4.29423	0.194663	2.68885	2.68885	0.0395758	5.56283	5.56283
cg22849665	PRRT1	0.0397085	0.0335	8.94963	8.94963	0.00479064	27.1999	27.1999	0.0633842	6.30894	6.30894	0.202132	3.28127	3.28127	0.168564	3.64897	3.64897
cg19227031	PRRT1	0.0405205	0.0283906	5.76088	5.76088	0.00816346	9.8882	9.8882	0.106109	3.30188	3.30188	0.233123	2.3307	2.3307	0.0211728	6.52553	6.52553
cg05714552	PRRT1	0.0434097	0.0911108	2.30844	2.30844	0.014402	3.88033	3.88033	0.0548469	2.66157	2.66157	0.161976	1.9567	1.9567	0.907331	0.948999	-1.05374
cg22268510	PRRT1	0.043554	0.0267453	20.9206	20.9206	0.0095125	44.956	44.956	0.104299	7.82486	7.82486	0.087225	8.91507	8.91507	0.109704	7.54012	7.54012
cg15194163	PRRT1	0.0469382	0.0265996	3.15766	3.15766	0.0196922	3.4301	3.4301	0.16393	1.91535	1.91535	0.176809	1.87417	1.87417	0.499217	1.35002	1.35002
cg08376141	PRRT1	0.0475028	0.0294918	9.92346	9.92346	0.0601626	6.67263	6.67263	0.0941686	5.19356	5.19356	0.403849	2.14837	2.14837	0.022514	11.5467	11.5467
cg20914572	PRRT1;PPT2	0.0129565	0.325966	1.2245	1.2245	0.0278028	1.68082	1.68082	0.00105702	2.63047	2.63047	0.062991	1.51844	1.51844	0.607212	1.1091	1.1091
cg17161421	PRRT1;PPT2	0.0442218	0.0464426	0.36683	-2.72606	0.648735	1.22341	1.22341	0.730863	1.16395	1.16395	0.910065	1.05094	1.05094	0.220972	0.567951	-1.76071
cg12602633	PRRT1;PRRT1	0.0119558	0.00179439	0.220812	-4.52875	0.21296	0.640192	-1.56203	0.249949	0.664443	-1.50502	0.00495674	0.282223	-3.5433	0.100422	1.84398	1.84398
cg13035743	PRRT1;PRRT1	0.0172805	0.00266771	0.0401173	-24.9269	0.214816	2.62786	2.62786	?	?	?	0.00465842	0.0553618	-18.063	0.992872	1.00658	1.00658
cg02159610	PRRT2	0.00148742	0.245154	0.91373	-1.09442	0.000730838	1.4638	1.4638	0.0114106	1.26489	1.26489	0.552607	0.956394	-1.04559	0.96839	1.00295	1.00295
cg02182803	PRRT2	0.0198055	0.0271684	2.03038	2.03038	0.153653	1.50245	1.50245	0.11044	1.59181	1.59181	0.206059	1.42565	1.42565	0.00566838	0.367785	-2.71898
cg05851542	PRRT3	0.000350471	0.120748	1.17211	1.17211	0.000135189	1.86587	1.86587	0.734862	1.0326	1.0326	0.0359292	1.25899	1.25899	0.89902	0.98809	-1.01205
cg02725398	PRRT3	0.000779097	0.121438	1.33005	1.33005	1.79E-05	4.42974	4.42974	0.0035416	1.9571	1.9571	0.0651698	1.42145	1.42145	0.50112	1.12298	1.12298
cg24679348	PRRT3	0.0044187	0.00755372	0.284741	-3.51197	0.01378	0.328641	-3.04283	0.0246284	0.375997	-2.6596	0.616255	1.20284	1.20284	0.000742767	0.153844	-6.5001
cg00096419	PRRT3	0.00605513	0.381488	0.865174	-1.15584	0.000660622	2.31995	2.31995	0.0190452	1.58083	1.58083	0.00319335	1.91467	1.91467	0.207063	1.23947	1.23947
cg27306678	PRRT3	0.00980854	0.00936106	0.275892	-3.62461	0.00560142	0.241375	-4.14293	0.146992	0.544335	-1.8371	0.165289	0.560828	-1.78308	0.000587815	0.125509	-7.96754
cg01142302	PRRT3	0.0258494	0.028133	1.90741	1.90741	0.184096	1.42035	1.42035	0.209532	1.39011	1.39011	0.1673	1.44282	1.44282	0.933591	1.02097	1.02097
cg25717917	PRRT3	0.0389621	0.0505039	0.389535	-2.56716	0.582858	1.26443	1.26443	0.266309	0.612666	-1.63221	0.949691	1.02705	1.02705	0.0139582	0.276824	-3.6124
cg06663068	PRRT3;PRRT3	0.0216443	?	?	?	0.550327	0.759643	-1.31641	0.515334	0.740427	-1.35057	0.132637	0.462586	-2.16176	0.0275291	0.266571	-3.75135
cg23102659	PRRT4	0.00206628	0.672027	1.06272	1.06272	0.224314	1.20004	1.20004	0.607563	0.928672	-1.07681	0.210445	0.828182	-1.20746	0.146792	0.800544	-1.24915
cg22491548	PRRT4	0.00210225	0.025833	0.685676	-1.45842	0.00040141	0.448103	-2.23163	0.00211255	0.539921	-1.85212	0.11859	0.785379	-1.27327	0.0200362	0.67022	-1.49205
cg12829141	PRRT4	0.00431056	0.00886499	0.411458	-2.43038	0.0091765	0.413954	-2.41573	0.000890281	0.265295	-3.76939	0.0321979	0.512326	-1.95188	0.012741	0.438188	-2.28212
cg14630630	PRRT4	0.00607723	0.0111286	0.43061	-2.32229	0.257443	0.731337	-1.36736	0.000731911	0.256932	-3.89208	0.936276	1.02139	1.02139	0.0372658	0.527262	-1.89659
cg21784396	PRRT4	0.00657307	0.0739946	2.45411	2.45411	0.0276853	3.23347	3.23347	0.456677	0.710515	-1.40743	0.782635	1.13279	1.13279	0.0262278	3.2832	3.2832
cg05928806	PRRT4	0.0125328	0.0648718	3.26436	3.26436	0.0240024	4.64779	4.64779	0.134326	2.51253	2.51253	0.373427	1.68436	1.68436	0.0268638	4.46422	4.46422
cg09798850	PRRT4	0.0149244	0.329666	1.28621	1.28621	0.000942984	0.291118	-3.43504	0.75823	0.925659	-1.08031	0.456231	1.20908	1.20908	0.456731	1.20881	1.20881
cg17765885	PRRT4	0.0257951	0.46646	0.780767	-1.28079	0.0287477	2.36642	2.36642	0.432779	0.76542	-1.30647	0.877834	1.05271	1.05271	0.914877	0.964924	-1.03635
cg19884634	PRRT4	0.0258664	0.0679549	2.04213	2.04213	0.0100196	3.11235	3.11235	0.460689	1.29993	1.29993	0.369193	0.724625	-1.38002	0.078269	1.9802	1.9802
cg09719217	PRRT4	0.0448916	0.103312	3.37165	3.37165	0.0221552	6.49449	6.49449	0.148836	2.87525	2.87525	0.662316	1.34953	1.34953	0.518003	1.56369	1.56369
cg26048630	PRRX1;PRRX1	8.93E-05	0.0890475	0.366624	-2.72759	0.000501177	18.3957	18.3957	0.00115418	12.8711	12.8711	0.705527	1.22522	1.22522	0.00260314	9.31676	9.31676
cg22371492	PRRX1;PRRX1	0.000262713	0.015501	0.213688	-4.67973	0.0127649	0.200289	-4.99279	0.203338	0.497633	-2.00951	0.0952969	0.385758	-2.5923	0.0116959	0.194492	-5.14159
cg26669793	PRRX1;PRRX1	0.000619931	0.0120636	0.191551	-5.22054	0.00320754	0.119586	-8.36216	0.150065	0.442821	-2.25825	0.21089	0.4986	-2.00562	0.00633958	0.153164	-6.52896
cg02897989	PRRX1;PRRX1	0.000720287	0.0148982	0.208395	-4.79858	0.16382	0.459251	-2.17746	0.774712	0.860457	-1.16217	0.0595023	0.32826	-3.04637	0.0412384	0.291357	-3.43222
cg10436737	PRRX1;PRRX1	0.00309982	0.413189	0.889093	-1.12474	0.0024194	0.55238	-1.81035	0.00273157	0.559186	-1.78831	0.592273	1.07892	1.07892	0.0268835	0.69188	-1.44534
cg01364478	PRRX1;PRRX1	0.010684	0.0537474	0.277017	-3.60988	0.0122385	6.22901	6.22901	0.0191958	5.26255	5.26255	0.51678	0.680271	-1.47	0.765744	0.839352	-1.1914
cg23633856	PRRX1;PRRX1	0.0265772	0.0220287	0.188034	-5.31819	0.386547	1.71618	1.71618	0.698953	1.26676	1.26676	0.569992	0.70516	-1.41812	0.0102318	0.139487	-7.1691
cg11954332	PRRX1;PRRX1	0.0269255	0.0163937	0.0857062	-11.6678	0.760853	0.774402	-1.29132	0.774634	1.27179	1.27179	0.0611154	0.17077	-5.85584	0.0122514	0.0732942	-13.6436
cg00916255	PRRX1;PRRX1	0.0293309	0.00921922	0.0982733	-10.1757	0.0119001	0.110438	-9.05483	0.319194	0.485513	-2.05968	0.0534249	0.214405	-4.66407	0.00739485	0.0887243	-11.2709
cg24376434	PRRX1;PRRX1	0.0384755	0.00798362	0.0641183	-15.5962	0.0954274	0.227648	-4.39275	0.23623	0.366877	-2.72571	0.0753603	0.201994	-4.95063	0.0102433	0.0731852	-13.664
cg04157201	PRRX1;PRRX1	0.0414207	0.0701992	0.780097	-1.28189	0.564046	0.930951	-1.07417	0.708945	0.955038	-1.04708	0.241302	0.860287	-1.1624	0.737116	1.0422	1.0422
cg20826576	PRRX1;PRRX1	0.0446238	0.0352089	0.262588	-3.80825	0.278846	1.8474	1.8474	0.906994	0.938276	-1.06578	0.477343	0.67446	-1.48267	0.0616663	0.317477	-3.14984
cg14842024	PRRX2	0.000471924	0.792468	1.02087	1.02087	0.687021	1.03224	1.03224	0.0611606	1.17973	1.17973	0.140388	1.1323	1.1323	0.479304	1.05796	1.05796
cg13820205	PRRX2	0.000994748	0.0781292	0.709702	-1.40904	0.0050887	1.91302	1.91302	0.0591049	0.688411	-1.45262	0.00830134	1.80612	1.80612	0.729078	1.06281	1.06281
cg13610545	PRRX2	0.00148142	0.00251099	3.18296	3.18296	0.000427643	4.65594	4.65594	0.00952749	2.47411	2.47411	0.0347301	1.97198	1.97198	0.390151	1.27496	1.27496
cg27563126	PRRX2	0.00231061	0.0165404	0.494821	-2.02093	0.000340225	0.249856	-4.00231	0.00599746	0.421905	-2.3702	0.0983492	0.646859	-1.54593	0.0035447	0.386832	-2.5851
cg00656478	PRRX2	0.00295234	0.00677083	0.669517	-1.49361	0.00188026	1.65506	1.65506	0.872965	0.981875	-1.01846	0.0116855	0.697556	-1.43358	0.00736649	0.673834	-1.48404
cg21203902	PRRX2	0.0031662	0.000191169	0.434823	-2.29979	0.00165978	1.81537	1.81537	0.851867	0.975534	-1.02508	0.640162	0.939521	-1.06437	0.49965	0.913204	-1.09505
cg13494826	PRRX2	0.0107811	0.798122	0.967178	-1.03394	0.00302997	1.74527	1.74527	0.0206604	1.45306	1.45306	0.515636	0.917609	-1.08979	0.434313	0.901082	-1.10978
cg13434142	PRRX2	0.0175081	0.0102771	1.4168	1.4168	0.575073	1.06291	1.06291	0.298674	0.890441	-1.12304	0.0213203	1.34725	1.34725	0.937956	0.991649	-1.00842
cg19988428	PRRX2	0.0185502	0.00533283	0.613983	-1.62871	0.0691337	0.763196	-1.31028	0.0581089	0.752312	-1.32924	0.198691	0.834861	-1.1978	0.384213	0.888196	-1.12588
cg13496492	PRRX2	0.0186088	0.564828	0.832799	-1.20077	0.0532979	0.501478	-1.99411	0.283866	0.704674	-1.4191	0.577633	1.19345	1.19345	0.00497434	0.310704	-3.2185
cg26266274	PRRX2	0.025812	0.126693	0.469389	-2.13043	0.802178	1.12179	1.12179	0.650386	0.811487	-1.23231	0.199058	0.53727	-1.86126	0.0089109	0.217954	-4.58813
cg13643040	PRRX2	0.0265154	0.963285	1.01591	1.01591	0.112107	1.80963	1.80963	0.480829	0.782171	-1.27849	0.72344	1.12954	1.12954	0.00151069	0.208671	-4.79222
cg07010617	PRSS1	0.0154202	0.000865137	0.188792	-5.29684	0.0429427	2.17436	2.17436	0.0412249	0.456033	-2.19282	0.574986	1.20792	1.20792	0.514583	0.802234	-1.24652
cg14795939	PRSS1	0.0172614	0.00387402	0.152241	-6.56852	0.0625082	0.362667	-2.75735	0.0194883	0.255073	-3.92045	0.82771	1.11122	1.11122	0.259061	0.565697	-1.76773
cg12878228	PRSS1	0.0287445	0.00655502	0.206068	-4.85276	0.00470527	0.186365	-5.36582	0.0223536	0.29397	-3.40171	0.285715	0.609009	-1.64201	0.0518012	0.371628	-2.69086
cg07625840	PRSS12	0.00937297	0.925406	1.01216	1.01216	0.319376	1.14201	1.14201	0.00490853	1.61768	1.61768	0.127389	0.808366	-1.23706	0.0349315	1.37326	1.37326
cg13598159	PRSS12	0.0125793	0.00429127	0.355749	-2.81097	0.888811	1.03858	1.03858	0.449328	0.811712	-1.23196	0.0838687	0.595936	-1.67803	0.00109761	0.271824	-3.67886
cg02812207	PRSS12	0.0235044	0.537168	0.906351	-1.10332	0.193322	1.24186	1.24186	0.0623475	1.39115	1.39115	0.0156119	0.627182	-1.59443	0.976337	0.995344	-1.00468
cg05256793	PRSS12	0.0330118	0.0411478	1.58806	1.58806	0.0189194	1.74718	1.74718	0.0231065	1.70444	1.70444	0.0756487	1.47431	1.47431	0.877088	0.970074	-1.03085
cg02149376	PRSS12	0.0489409	0.0259995	0.627145	-1.59453	0.240022	0.804742	-1.24263	0.0213692	0.613643	-1.62961	0.0525651	0.677611	-1.47577	0.249725	0.808631	-1.23666
cg03099771	PRSS16	0.00351898	0.00339283	0.160283	-6.23898	0.000746685	0.0951757	-10.5069	0.0268263	0.29954	-3.33846	0.104177	0.441952	-2.26269	0.00164806	0.126073	-7.93191
cg05348216	PRSS16	0.00418854	0.0291819	0.363696	-2.74955	0.00105299	0.148503	-6.73387	0.00812677	0.263551	-3.79433	0.137485	0.532859	-1.87667	0.0272556	0.357636	-2.79614
cg17718036	PRSS16	0.00620404	0.0126548	0.567174	-1.76313	0.0492655	1.50776	1.50776	0.0433602	0.653683	-1.52979	0.00869218	1.84385	1.84385	0.0654897	1.45974	1.45974
cg26504906	PRSS16	0.00676948	0.00909667	0.166789	-5.99561	0.00775689	0.157578	-6.34606	0.0377795	0.272002	-3.67644	0.0610311	0.31952	-3.1297	0.00531314	0.137369	-7.27964
cg24760023	PRSS16	0.0113804	0.0670819	0.368628	-2.71276	0.0430155	0.322317	-3.10253	0.0146549	0.231953	-4.31122	0.0206249	0.257789	-3.87914	0.0746793	0.380815	-2.62595
cg07539583	PRSS16	0.017451	0.0172351	0.305917	-3.26886	0.00376626	0.202693	-4.93357	0.0218049	0.325076	-3.0762	0.152335	0.534807	-1.86983	0.00989789	0.26441	-3.78201
cg05403346	PRSS16	0.019485	0.202998	0.544711	-1.83584	0.00873621	0.22087	-4.52756	0.0130431	0.248508	-4.02401	0.6612	1.22062	1.22062	0.0079797	0.214981	-4.65157
cg09332353	PRSS16	0.0234147	0.0152435	0.167292	-5.97758	0.0887837	0.324207	-3.08445	0.037393	0.234716	-4.26047	0.121063	0.364698	-2.74199	0.00916472	0.137294	-7.28364
cg07081739	PRSS16	0.0324567	0.0254099	0.220999	-4.5249	0.0276065	0.227617	-4.39334	0.127652	0.392199	-2.54973	0.233474	0.491733	-2.03362	0.0354648	0.248753	-4.02005
cg02266771	PRSS16	0.0458431	0.018767	22.1931	22.1931	0.490473	2.14353	2.14353	0.0223123	19.7043	19.7043	0.826282	1.27032	1.27032	0.414697	2.47836	2.47836
cg04710226	PRSS16	0.049686	0.0276021	0.178157	-5.61303	0.0358262	0.198423	-5.03974	0.0669691	0.256683	-3.89586	0.146961	0.356717	-2.80334	0.014141	0.134618	-7.42842
cg10592454	PRSS16;PRSS16	0.00453181	0.00146075	0.164217	-6.08949	0.0567586	0.428432	-2.33409	0.0101422	0.279498	-3.57785	0.145334	0.540816	-1.84906	0.000554817	0.121685	-8.21797
cg05635274	PRSS21;PRSS21;PRSS21	0.000177377	0.424476	0.851931	-1.1738	0.00201713	0.424936	-2.3533	0.00442339	0.474119	-2.10918	0.550982	1.12583	1.12583	0.000230859	0.300856	-3.32385
cg08787769	PRSS21;PRSS21;PRSS21	0.000814713	0.531803	0.803923	-1.2439	0.000736488	0.170814	-5.85432	0.000212391	0.118504	-8.4385	0.881278	0.949803	-1.05285	0.0558814	0.47406	-2.10944
cg07798610	PRSS21;PRSS21;PRSS21	0.00258513	0.0150729	2.03409	2.03409	0.995798	1.00125	1.00125	0.00909071	0.454803	-2.19875	0.0893128	0.640609	-1.56101	0.00241064	0.366173	-2.73095
cg22730830	PRSS21;PRSS21;PRSS21	0.00292724	0.0611768	2.32186	2.32186	0.0146145	3.32204	3.32204	0.129073	1.92487	1.92487	0.0577975	2.35484	2.35484	0.0990522	0.485763	-2.05862
cg01232511	PRSS21;PRSS21;PRSS21	0.0033222	0.179926	1.93623	1.93623	0.00729424	4.97944	4.97944	0.788316	1.13298	1.13298	0.653441	1.23328	1.23328	0.841379	1.09742	1.09742
cg18786718	PRSS21;PRSS21;PRSS21	0.00905427	0.375128	0.834778	-1.19792	0.0602507	0.656764	-1.52262	0.0106844	0.52907	-1.89011	0.456865	1.16221	1.16221	0.000464787	0.335458	-2.981
cg02296564	PRSS21;PRSS21;PRSS21	0.0146833	0.00247184	0.259331	-3.85608	0.810562	1.08006	1.08006	0.00656354	0.322296	-3.10274	0.136454	1.67287	1.67287	0.101384	0.562572	-1.77755
cg09552434	PRSS21;PRSS21;PRSS21	0.0172081	0.137053	0.569416	-1.75618	0.487535	1.28147	1.28147	0.0162027	0.355547	-2.81257	0.0409213	0.436206	-2.2925	0.00362834	0.250575	-3.99083
cg06077305	PRSS22	1.30E-05	0.000275447	0.196561	-5.08747	6.65E-05	0.135738	-7.36713	0.000829295	0.252901	-3.95412	0.096123	1.6472	1.6472	0.000972706	3.82079	3.82079
cg19328294	PRSS22	0.000103201	0.370584	1.18214	1.18214	0.00033566	0.349075	-2.86471	0.0129675	0.570526	-1.75277	0.810932	0.957322	-1.04458	0.0452934	0.658408	-1.51882
cg05490519	PRSS22	0.000671972	0.00642728	0.358458	-2.78973	0.000390761	0.19476	-5.13452	0.0850971	0.576357	-1.73503	0.40554	1.27929	1.27929	0.710065	0.897552	-1.11414
cg05895034	PRSS22	0.00143872	0.00534721	0.302142	-3.3097	0.00479734	0.294935	-3.39058	0.00580152	0.307637	-3.25059	0.704559	1.13232	1.13232	0.888197	0.955149	-1.04696
cg09745688	PRSS22	0.00192817	0.217806	0.617401	-1.61969	0.000245938	0.105086	-9.51605	0.0259229	0.373984	-2.67391	0.138994	0.553017	-1.80826	0.0200184	0.352032	-2.84065

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07136133	0.756117	0.911373	-1.09724	0.525175	1.21142	1.21142	0.817552	1.07126	1.07126	0.00596962	0.342778	-2.91734	5.74839	8.07809	1.24914	1
cg21544931	0.0459618	0.380449	-2.62847	0.0125712	0.269471	-3.71097	0.0155083	0.285257	-3.5056	0.00812035	0.238871	-4.18636	5.02794	14.2146	2.513	1
cg20972380	0.614993	1.08328	1.08328	0.0620874	1.39285	1.39285	0.450761	0.885845	-1.12887	0.196416	0.806164	-1.24044	4.74368	1.86946	0.350306	1
cg03823983	0.954084	1.01127	1.01127	0.313109	1.22524	1.22524	0.942766	1.01408	1.01408	0.3411	1.21046	1.21046	4.44394	2.66808	0.533677	1
cg26451547	0.0363239	0.631539	-1.58343	7.65E-06	0.156281	-6.39875	0.00395158	0.480888	-2.07949	0.00441574	0.487914	-2.04954	15.0919	8.52502	0.50211	1
cg08943494	0.574454	1.12376	1.12376	0.18168	1.33853	1.33853	0.305613	0.803999	-1.24378	0.00277058	0.427986	-2.33652	5.0052	3.35279	0.595433	1
cg18520238	0.751249	0.917817	-1.08954	0.503251	0.832614	-1.20104	0.359213	1.28945	1.28945	0.0292139	0.500145	-1.99942	3.93422	4.53091	1.0237	1
cg14098951	0.164635	0.576309	-1.73518	0.0472908	0.430122	-2.32492	0.583794	0.814109	-1.22834	0.469069	0.760474	-1.31497	6.83735	14.9633	1.9453	1
cg03174013	0.77279	1.0459	1.0459	0.0254194	1.50953	1.50953	0.66497	1.06988	1.06988	0.648863	1.07365	1.07365	5.47267	2.08286	0.338305	1
cg04110559	0.209579	0.634228	-1.57672	0.645212	1.17308	1.17308	0.0526126	2.13549	2.13549	0.245213	1.51972	1.51972	5.29962	9.9511	1.66907	1
cg23108125	0.197245	0.737575	-1.35579	0.000299114	0.268794	-3.72033	0.193393	0.735411	-1.35978	0.83118	1.04883	1.04883	4.97538	3.9292	0.701981	1
cg16693872	0.17204	0.790159	-1.26557	0.00524159	0.550676	-1.81595	0.00478738	0.545184	-1.83424	0.603719	1.08854	1.08854	4.38975	1.82488	0.369524	1
cg17491117	0.473362	1.28961	1.28961	0.230549	1.55066	1.55066	0.0533496	2.15002	2.15002	0.347112	1.40166	1.40166	4.06242	7.82624	1.71244	1
cg22655561	0.24016	0.638128	-1.56708	0.00104198	0.169809	-5.88897	0.925521	1.03474	1.03474	0.706715	0.871037	-1.14806	3.51662	7.43082	1.87827	1
cg00971676	0.196277	1.6044	1.6044	?	?	?	0.3204	1.42222	1.42222	0.488255	1.27135	1.27135	4.25913	5.74299	1.15577	1
cg01805784	0.308652	0.851561	-1.17431	7.03E-05	0.330765	-3.02329	0.0540673	1.39576	1.39576	0.849709	0.971485	-1.02935	9.49802	3.49835	0.327399	1
cg13590816	0.00747514	0.651632	-1.53461	0.505347	1.08769	1.08769	0.438175	1.10334	1.10334	0.28858	0.871965	-1.14684	11.996	2.93828	0.217722	1
cg04431054	0.28553	0.795865	-1.25649	0.0492751	0.63006	-1.58715	0.0360281	1.652	1.652	0.824413	0.955289	-1.0468	7.93344	5.32389	0.596507	1
cg15016296	0.00359107	0.420452	-2.37839	0.0178112	0.531016	-1.88318	0.367888	1.22534	1.22534	0.698351	0.917991	-1.08934	5.63387	4.30766	0.679645	1
cg03533382	0.774698	1.02859	1.02859	0.29448	0.89871	-1.11271	0.517227	0.937544	-1.06662	0.16802	1.15524	1.15524	4.71783	0.720825	0.135811	1
cg02762363	0.257032	1.31247	1.31247	0.416109	0.826094	-1.21052	0.00638301	2.2611	2.2611	0.915753	1.02462	1.02462	4.47242	3.74257	0.743832	1
cg26144627	0.21092	0.80217	-1.24662	0.00379891	0.520547	-1.92106	0.0270876	0.645596	-1.54896	0.329515	0.845112	-1.18327	4.47171	1.98062	0.393709	1
cg01119763	0.0252322	0.230467	-4.33902	0.119023	2.54247	2.54247	0.179656	2.19463	2.19463	0.0826335	2.88682	2.88682	10.7984	52.0215	4.28223	1
cg21961766	0.00520871	0.236835	-4.22236	0.000431106	0.113521	-8.80896	0.0146637	0.309149	-3.23469	0.095684	0.489175	-2.04426	10.8756	26.2919	2.14891	1
cg04201347	0.049896	0.35055	-2.85266	0.00233959	0.136529	-7.32447	0.0354755	0.317399	-3.15061	0.203931	0.533404	-1.87475	4.48939	15.6218	3.09308	1
cg12533428	0.00406081	4.16032	4.16032	0.0335429	0.39946	-2.50338	3.62E-05	0.0528195	-18.9324	0.0344493	0.401919	-2.48806	15.9733	34.5477	1.92253	1
cg14094987	0.293557	1.10752	1.10752	0.000109126	0.527905	-1.89428	0.524387	1.06234	1.06234	0.38854	0.920504	-1.08636	14.7796	2.05658	0.123689	1
cg05696092	0.566128	1.31238	1.31238	0.00410682	0.164564	-6.07666	0.0166205	0.253895	-3.93863	0.677922	1.21622	1.21622	7.91828	27.5497	3.09266	1
cg07554231	0.761207	1.09782	1.09782	0.000101567	0.121438	-8.23465	0.583423	1.1848	1.1848	0.7464	1.10446	1.10446	7.65121	11.3609	1.31987	1
cg21913888	0.039178	0.668733	-1.49537	0.010354	0.58014	-1.72372	0.000725027	0.420331	-2.37908	0.00808838	1.77148	1.77148	29.5384	13.2982	0.400178	1
cg24382689	0.00647586	1.82528	1.82528	0.00641974	1.82709	1.82709	0.223473	0.804582	-1.24288	0.4288	1.14719	1.14719	22.1134	10.1214	0.406847	1
cg10721855	0.560411	1.20082	1.20082	3.62E-05	0.0842993	-11.8625	0.237318	0.68057	-1.46936	0.019971	0.417726	-2.39392	11.1675	17.0896	1.36026	1
cg02020018	0.00230754	0.157939	-6.33155	0.000699078	0.106374	-9.40075	0.871928	1.07243	1.07243	0.0647213	0.406888	-2.45768	9.53018	28.3541	2.64461	1
cg09919787	0.0622799	1.25291	1.25291	2.62E-06	0.296048	-3.37783	0.0421533	0.777623	-1.28597	0.00275168	1.55872	1.55872	50.0961	9.15778	0.162493	1
cg03081205	0.873826	1.02729	1.02729	0.000107408	0.314349	-3.18117	0.184331	0.78776	-1.26942	0.706101	0.937836	-1.06628	14.8732	6.76069	0.404049	1
cg03288954	0.408028	1.14856	1.14856	0.00108769	2.20124	2.20124	0.268905	0.82824	-1.20738	0.0407925	0.679439	-1.4718	12.6248	5.35587	0.377096	1
cg01978549	0.43634	0.863939	-1.15749	0.222941	0.789889	-1.266	0.0849953	0.704143	-1.42017	0.734923	1.06459	1.06459	6.86688	3.68905	0.477531	1
cg14609458	0.692115	0.946504	-1.05652	0.00618166	0.610625	-1.63767	0.0870347	0.77025	-1.29828	0.200467	0.829608	-1.20539	5.86474	1.77244	0.268639	1
cg19005368	0.0221185	3.54892	3.54892	0.0010466	9.38654	9.38654	0.00655623	5.10483	5.10483	0.0642031	2.61184	2.61184	5.57243	18.8074	3.00008	1
cg13770088	0.196522	0.67181	-1.48852	0.875725	1.04664	1.04664	0.654737	1.1401	1.1401	0.317261	1.35141	1.35141	5.14698	6.91675	1.19453	1
cg12956209	0.2819	1.23323	1.23323	0.796722	0.95276	-1.04958	0.166901	0.758616	-1.31819	0.740773	0.939658	-1.06422	5.1395	2.86071	0.494766	1
cg06972381	0.274725	1.36046	1.36046	0.433609	1.24164	1.24164	0.0258073	2.04822	2.04822	0.117185	1.58561	1.58561	4.61846	5.36661	1.03288	1
cg17955729	2.30E-05	5.78908	5.78908	1.23E-05	6.76576	6.76576	0.000245242	3.513	3.513	0.0122952	1.90893	1.90893	25.7952	17.566	0.605317	1
cg08424749	0.229031	1.3667	1.3667	1.70E-05	11.6283	11.6283	0.000161065	5.65934	5.65934	0.00357596	2.76981	2.76981	20.7503	19.4141	0.727696	1
cg23061027	0.803568	1.04024	1.04024	0.000258268	2.59054	2.59054	0.0238401	1.53246	1.53246	0.896666	1.02078	1.02078	8.62987	3.42476	0.352755	1
cg14644001	0.0114014	15.574	15.574	0.00242382	38.8959	38.8959	0.00158104	51.0613	51.0613	0.00681671	20.8851	20.8851	8.02042	95.481	10.582	1
cg22897615	0.0198503	6.03261	6.03261	0.000415617	35.8324	35.8324	0.00289991	13.6873	13.6873	0.0570198	3.96005	3.96005	7.69664	49.787	5.74993	1
cg13782301	0.00603341	3.60107	3.60107	0.000323607	7.97947	7.97947	0.00446654	3.87428	3.87428	0.233717	1.56192	1.56192	6.71055	13.558	1.79591	1
cg27067781	0.00578434	2.94281	2.94281	0.00243441	3.52401	3.52401	0.00859909	2.71939	2.71939	0.165446	1.55524	1.55524	6.09798	8.60686	1.2546	1
cg18501647	0.0162285	3.78591	3.78591	0.00587444	5.11681	5.11681	0.0208511	3.52304	3.52304	0.0400005	2.92954	2.92954	5.12695	16.65	2.88671	1
cg08123207	0.419268	1.75787	1.75787	0.0102355	9.13932	9.13932	0.0117936	8.58197	8.58197	0.0689554	4.01949	4.01949	4.16616	30.8285	6.57753	1
cg05764839	0.21932	2.69111	2.69111	0.0277272	7.34557	7.34557	0.00264949	24.2145	24.2145	0.0267395	7.47447	7.47447	4.03581	37.54	8.26821	1
cg17626960	0.070095	2.05696	2.05696	0.00107143	5.59108	5.59108	0.0382471	2.35211	2.35211	0.470848	1.29857	1.29857	4.03033	8.09692	1.78578	1
cg24125828	0.0635066	3.03264	3.03264	0.00103158	13.2666	13.2666	0.0263633	4.0566	4.0566	0.499083	1.4403	1.4403	4.0187	17.995	3.98028	1
cg05767720	0.0834546	3.98049	3.98049	0.00744655	11.998	11.998	0.0184582	7.85091	7.85091	0.132285	3.22556	3.22556	4.01486	33.0522	7.31774	1
cg22849665	0.574502	1.64954	1.64954	0.0495945	7.21715	7.21715	0.00838133	19.5241	19.5241	0.106723	4.72996	4.72996	3.69307	45.5317	10.9591	1
cg19227031	0.564195	1.48371	1.48371	0.0211786	6.52476	6.52476	0.0222532	6.38848	6.38848	0.0929483	3.49398	3.49398	3.66563	26.5942	6.4489	1
cg05714552	0.619432	1.25241	1.25241	0.0631145	2.55917	2.55917	0.00377819	5.7934	5.7934	0.0949216	2.28185	2.28185	3.57321	11.4363	2.84493	1
cg22268510	0.36248	2.95763	2.95763	0.0874766	8.89642	8.89642	0.00717935	55.7567	55.7567	0.0459425	14.1587	14.1587	3.5688	75.8666	18.8963	1
cg15194163	0.242027	1.70875	1.70875	0.0203657	3.39836	3.39836	0.00699319	4.60064	4.60064	0.0509721	2.64501	2.64501	3.47013	10.5209	2.69498	1
cg08376141	0.0563042	6.92329	6.92329	0.0117519	16.735	16.735	0.0221194	11.6623	11.6623	0.0657655	6.34981	6.34981	3.45453	43.8488	11.2828	1
cg20914572	0.20439	0.765324	-1.30664	0.158402	0.740001	-1.35135	0.0999402	0.697676	-1.43333	0.264805	1.26123	1.26123	5.43609	3.43346	0.561426	1
cg17161421	0.396605	0.682721	-1.46473	0.00119434	0.123937	-8.06864	0.530849	0.756443	-1.32198	0.181592	0.536065	-1.86544	3.5486	10.8648	2.72152	1
cg12602633	0.0301082	0.420113	-2.38031	0.081766	0.519006	-1.92676	0.624343	1.18272	1.18272	0.0606219	0.487105	-2.05294	5.58017	10.2176	1.6276	1
cg13035743	?	?	?	0.236898	0.400024	-2.49985	0.980518	1.01809	1.01809	0.733894	0.778311	-1.28483	5.73922	37.2953	6.49833	1
cg02159610	0.354955	1.07318	1.07318	0.0689001	0.859779	-1.16309	0.000852812	0.689419	-1.4505	0.00715423	0.77279	-1.29401	10.505	0.916355	0.077538	1
cg02182803	0.0195536	0.46445	-2.15308	0.229276	1.39814	1.39814	0.679071	1.11606	1.11606	0.448846	1.22643	1.22643	5.26018	5.67095	0.838515	1
cg05851542	0.000143729	0.538893	-1.85566	0.150176	0.864531	-1.1567	0.0148555	0.753686	-1.32681	0.00501594	1.41957	1.41957	15.7634	2.2235	0.125382	1
cg02725398	0.90163	1.02123	1.02123	0.0847027	0.723337	-1.38248	0.778678	0.953268	-1.04902	0.00854918	1.76806	1.76806	12.6258	5.76953	0.406191	1
cg24679348	0.0154663	0.337643	-2.96171	0.00475189	0.254003	-3.93696	0.00649547	0.27445	-3.64366	0.0200855	0.358761	-2.78737	7.61974	16.1215	1.88067	1
cg00096419	0.545935	1.10363	1.10363	0.182176	0.795758	-1.25666	0.886534	1.0233	1.0233	0.165511	0.787691	-1.26953	6.91959	2.85296	0.366491	1
cg27306678	0.559894	0.794236	-1.25907	0.01031	0.282781	-3.53631	0.379173	0.702889	-1.4227	0.11441	0.5112	-1.95618	5.94725	14.3835	2.14979	1
cg01142302	0.0207715	0.499977	-2.00009	0.42212	1.22656	1.22656	0.303106	0.766709	-1.30428	0.00504172	2.51854	2.51854	4.3068	4.23047	0.873136	1
cg25717917	0.0123985	0.268037	-3.73083	0.0557873	0.39985	-2.50094	0.0128808	0.270842	-3.69219	0.825465	0.910808	-1.09793	3.71891	10.5389	2.51898	1
cg06663068	0.00639759	0.144714	-6.9102	0.149882	0.481823	-2.07545	0.0439219	3.15911	3.15911	0.0305211	3.60879	3.60879	7.23132	19.0407	1.64568	1
cg23102659	0.0743275	0.752719	-1.32852	5.06E-05	0.337847	-2.95992	0.0671507	0.745943	-1.34059	0.00250441	0.548894	-1.82184	9.55068	3.08694	0.287304	1
cg22491548	0.954302	1.00821	1.00821	0.00138354	0.516238	-1.93709	0.00314718	0.562413	-1.77805	0.404028	1.12948	1.12948	9.50269	3.06016	0.286249	1
cg12829141	0.107372	0.62594	-1.5976	0.00251816	0.326814	-3.05984	0.00187768	0.308716	-3.23922	0.328487	0.764234	-1.3085	7.67713	8.64149	1.00055	1
cg14630630	0.0775913	0.594924	-1.68089	0.0278904	0.502634	-1.98952	0.000914908	0.269276	-3.71366	0.0728226	0.588719	-1.6986	6.91181	7.67242	0.986706	1
cg21784396	0.0908934	2.31567	2.31567	0.000435956	12.2622	12.2622	0.00211583	7.01608	7.01608	0.20793	1.81961	1.81961	6.74592	21.7173	2.86162	1
cg05928806	0.037053	3.98139	3.98139	0.000984384	16.3666	16.3666	0.00601217	7.75494	7.75494	0.0166853	5.29914	5.29914	5.49534	28.3401	4.5841	1
cg09798850	0.499485	1.1871	1.1871	0.00478231	0.391792	-2.55237	0.622689	0.883302	-1.13212	0.297329	0.763128	-1.3104	5.18936	5.14508	0.881305	1
cg17765885	0.735439	0.892922	-1.11992	0.0125437	0.354546	-2.82051	0.251895	0.670515	-1.49139	0.00278174	0.252314	-3.96332	4.30996	7.61221	1.56995	1
cg19884634	0.737459	0.889139	-1.12468	0.004904	3.67651	3.67651	0.0157907	2.80914	2.80914	0.136357	1.75155	1.75155	4.30581	8.31817	1.7172	1
cg09719217	0.36854	1.87763	1.87763	?	?	?	0.0048331	12.8032	12.8032	0.0170107	7.27904	7.27904	3.58244	23.4671	6.55058	1
cg26048630	0.000169107	30.6782	30.6782	2.12E-05	97.7089	97.7089	4.80E-05	60.0169	60.0169	0.00873375	5.97497	5.97497	22.8193	103.465	4.03031	1
cg22371492	0.25942	0.542543	-1.84317	3.38E-05	65.1131	65.1131	0.000563556	16.092	16.092	0.18839	0.484625	-2.06345	17.0577	72.9789	3.80299	1
cg26669793	0.347167	0.599862	-1.66705	0.000182868	28.2127	28.2127	0.00195667	10.0899	10.0899	0.378685	0.620755	-1.61094	13.4606	59.4192	3.92384	1
cg02897989	0.871161	0.918507	-1.08872	0.000119546	33.8893	33.8893	0.000422487	18.6442	18.6442	0.430006	0.655806	-1.52484	12.9071	56.0693	3.86138	1
cg10436737	0.109622	0.782633	-1.27774	0.00208271	1.83824	1.83824	0.728804	1.05012	1.05012	0.154618	1.23872	1.23872	8.47531	2.65033	0.277966	1
cg01364478	0.0729582	3.22922	3.22922	0.00445551	9.23935	9.23935	0.00940277	6.88756	6.88756	0.614422	1.34679	1.34679	5.78655	31.482	4.83604	1
cg23633856	0.840451	1.13049	1.13049	0.0134786	6.43152	6.43152	0.0976427	3.02178	3.02178	0.48163	0.647127	-1.54529	4.26519	25.0107	5.21236	1
cg11954332	0.214043	0.334322	-2.99113	0.0407179	7.23325	7.23325	0.161124	3.50249	3.50249	0.12504	0.24892	-4.01736	4.24578	47.166	9.87459	1
cg00916255	0.267433	0.444464	-2.2499	0.904034	1.08835	1.08835	0.0675708	0.23755	-4.20964	0.0261578	0.156934	-6.3721	4.11966	32.1433	6.93548	1
cg24376434	0.149996	0.287422	-3.4792	0.315076	2.31468	2.31468	0.0855083	0.215313	-4.6444	0.0414459	0.149591	-6.68489	3.73609	38.6215	9.18882	1
cg04157201	0.437106	0.907321	-1.10215	0.000843984	0.540185	-1.85122	0.917723	0.987402	-1.01276	0.56291	1.0744	1.0744	3.63598	0.866835	0.211915	1
cg20826576	0.457979	1.50981	1.50981	0.00987972	5.91282	5.91282	0.143923	2.35337	2.35337	0.33197	0.579493	-1.72565	3.53662	16.6442	4.18333	1
cg14842024	0.0325535	1.21652	1.21652	1.10E-05	0.480368	-2.08174	0.056977	1.18381	1.18381	0.0569938	1.18379	1.18379	14.5213	1.41141	0.0863962	1
cg13820205	0.0238166	1.60409	1.60409	0.000253004	0.347597	-2.87689	0.00611893	1.87162	1.87162	0.675249	0.92884	-1.07661	11.7841	5.72846	0.432104	1
cg13610545	0.00519864	2.76598	2.76598	0.000542989	4.40652	4.40652	0.000781251	4.06177	4.06177	0.0432477	1.89917	1.89917	10.5172	12.6759	1.07133	1
cg27563126	0.0677335	0.611558	-1.63517	0.00124682	0.321985	-3.10574	0.186849	1.39965	1.39965	0.0597813	0.600245	-1.66599	9.24352	8.45358	0.812926	1
cg00656478	0.349086	0.895667	-1.11649	0.00873217	1.46508	1.46508	0.412601	0.908687	-1.10049	0.928102	1.01037	1.01037	8.59892	1.77948	0.183949	1
cg21203902	0.271304	0.859205	-1.16387	0.61356	0.934751	-1.0698	0.272809	0.859647	-1.16327	0.0653222	0.760222	-1.31541	8.42205	2.34193	0.247175	1
cg13494826	0.149925	1.22519	1.22519	0.00392353	0.58838	-1.69958	0.846169	0.97503	-1.02561	0.178623	0.828823	-1.20653	6.54422	1.71908	0.204312	1
cg13434142	0.00767252	1.44644	1.44644	0.00334875	1.53734	1.53734	0.239287	1.14196	1.14196	0.77437	1.03145	1.03145	4.92071	0.904311	0.163357	1
cg19988428	0.521834	0.917346	-1.0901	0.005738	1.618	1.618	0.127301	0.803222	-1.24499	0.916389	0.986142	-1.01405	4.82595	1.34969	0.248599	1
cg13496492	0.280533	0.702828	-1.42282	0.00146614	0.235987	-4.23752	0.262994	1.44322	1.44322	0.223935	0.669207	-1.49431	4.82081	7.54625	1.39142	1
cg26266274	0.0733168	0.400817	-2.49491	0.00150098	0.12311	-8.1228	0.449327	1.42326	1.42326	0.214469	0.54974	-1.81904	4.30898	14.3036	2.95065	1
cg13643040	0.301505	1.44341	1.44341	0.0247931	0.40007	-2.49956	0.274789	0.677352	-1.47634	0.325162	0.705867	-1.4167	4.26867	7.94666	1.65478	1
cg07010617	0.934092	0.972799	-1.02796	0.13576	0.585058	-1.70923	0.0848577	0.529736	-1.88773	0.218067	0.649209	-1.54034	5.13352	9.03885	1.56511	1
cg14795939	0.958774	1.02533	1.02533	0.0606364	0.359365	-2.78269	0.00205047	0.122238	-8.18079	0.0954613	0.412223	-2.42587	4.94417	18.3303	3.29552	1
cg12878228	0.676748	0.829006	-1.20626	0.344405	0.646873	-1.5459	0.0175943	0.274727	-3.63998	0.165406	0.515946	-1.93819	4.14919	13.1464	2.81639	1
cg07625840	0.132231	0.810865	-1.23325	0.123445	0.806271	-1.24028	0.0369636	0.731506	-1.36704	0.00797437	0.644752	-1.55098	6.034	1.5915	0.234449	1
cg13598159	0.522928	1.19148	1.19148	0.032368	0.507664	-1.96981	0.0294177	0.499538	-2.00185	0.0971619	0.61103	-1.63658	5.48872	6.36487	1.03078	1
cg02812207	0.359803	0.862297	-1.15969	0.00307458	0.528501	-1.89214	0.254685	1.20581	1.20581	0.581188	1.09164	1.09164	4.45141	1.74573	0.3486	1
cg05256793	0.295512	0.808191	-1.23733	0.101049	0.702914	-1.42265	0.0385506	1.60074	1.60074	0.616835	1.1041	1.1041	3.94954	2.41055	0.54252	1
cg02149376	0.511983	0.889193	-1.12462	0.0304461	1.56697	1.56697	0.909667	0.980158	-1.02024	0.211103	0.792427	-1.26195	3.41578	1.68682	0.43896	1
cg03099771	0.00536454	0.185374	-5.3945	0.00568612	0.188767	-5.29752	0.0100027	0.224302	-4.45827	0.0385236	0.332279	-3.00952	8.16059	27.3062	2.97431	1
cg05348216	0.082927	0.469723	-2.12891	0.000450791	0.1134	-8.81831	0.0060409	0.243801	-4.1017	0.0365913	0.384453	-2.6011	7.74409	18.9957	2.18039	1
cg17718036	0.060919	1.47181	1.47181	0.046892	1.51624	1.51624	0.0862585	0.706958	-1.41451	0.0745125	0.695212	-1.43841	6.86782	3.64135	0.471294	1
cg26504906	0.0162819	0.204401	-4.89234	0.00132957	0.080288	-12.4552	0.0066833	0.149351	-6.69565	0.0196498	0.218018	-4.58677	6.68447	30.9185	4.11149	1
cg24760023	0.0777111	0.385445	-2.5944	0.00125837	0.101297	-9.87193	0.00294841	0.137382	-7.27899	0.0411617	0.318057	-3.14409	5.66998	21.2318	3.32853	1
cg07539583	0.0205809	0.320277	-3.1223	0.00794459	0.249258	-4.01191	0.209936	0.583129	-1.71488	0.45137	0.731084	-1.36783	4.9261	12.9997	2.34573	1
cg05403346	0.0301016	0.315677	-3.16779	0.00610042	0.198249	-5.04417	0.355101	0.650489	-1.5373	0.129316	0.4767	-2.09776	4.7464	15.3614	2.87683	1
cg09332353	0.0314323	0.21997	-4.54608	0.00510793	0.108597	-9.20834	0.0162377	0.171389	-5.83468	0.112663	0.354817	-2.81836	4.45729	25.4155	5.06845	1
cg07081739	0.0221277	0.210352	-4.75395	0.00610797	0.130858	-7.64187	0.0146916	0.181469	-5.51059	0.147152	0.41314	-2.42049	3.97366	20.3202	4.54553	1
cg02266771	0.66821	1.59897	1.59897	0.660436	0.618024	-1.61806	0.00289858	86.2255	86.2255	0.228786	3.95461	3.95461	3.50108	65.7044	16.6817	1
cg04710226	0.0624735	0.249436	-4.00905	0.0209159	0.158742	-6.29953	0.044057	0.216054	-4.62848	0.0715238	0.263749	-3.79149	3.39625	23.5913	6.17446	1
cg10592454	0.00903549	0.271309	-3.68583	0.0117356	0.290113	-3.44693	0.376234	0.699808	-1.42896	0.0103824	0.281179	-3.55645	7.56154	18.5047	2.1753	1
cg05635274	0.863272	0.966703	-1.03444	7.29E-06	0.143216	-6.98247	0.000964953	0.380814	-2.62595	0.0138054	0.549954	-1.81833	18.9782	11.6016	0.54339	1
cg08787769	0.166755	1.662	1.662	0.000176636	0.111799	-8.94459	0.339932	1.40345	1.40345	0.0622512	0.485148	-2.06123	12.468	23.4499	1.67183	1
cg07798610	0.00127126	0.327102	-3.05715	0.0355785	0.559036	-1.78879	0.0534813	1.6843	1.6843	0.0823867	0.632949	-1.57991	8.94339	8.0033	0.795452	1
cg22730830	0.00196379	0.174273	-5.73813	0.00247795	5.36344	5.36344	0.0202524	3.05797	3.05797	0.0550929	2.383	2.383	8.62072	21.7664	2.24435	1
cg01232511	0.000390771	0.0726275	-13.7689	0.00432569	5.86797	5.86797	0.0620445	2.65049	2.65049	0.489947	1.38454	1.38454	8.30216	28.3024	3.03026	1
cg18786718	0.0771178	1.47686	1.47686	0.627376	1.10191	1.10191	0.826616	0.957412	-1.04448	0.981613	1.00458	1.00458	6.10072	3.80287	0.554087	1
cg02296564	0.0115837	0.363375	-2.75198	0.10498	0.566561	-1.76504	0.964438	0.985803	-1.0144	0.451007	0.781691	-1.27928	5.21735	8.49875	1.44795	1
cg09552434	0.258385	0.660565	-1.51386	0.0042175	0.259959	-3.84675	0.244335	0.65164	-1.53459	0.0212635	0.377751	-2.64724	4.94929	9.69124	1.74054	1
cg06077305	1.87E-05	0.0926102	-10.798	0.00100793	0.263718	-3.79194	0.000156539	5.85501	5.85501	0.00277829	3.08496	3.08496	37.9145	44.7949	1.0502	1
cg19328294	0.976002	1.00549	1.00549	2.00E-06	0.118166	-8.46267	0.00136883	0.429414	-2.32875	0.585372	0.904604	-1.10546	21.9547	11.5164	0.46627	1
cg05490519	0.00356506	0.318928	-3.1355	6.38E-05	0.119038	-8.40066	0.00389485	0.324676	-3.08	0.375877	1.30087	1.30087	13.1607	17.4608	1.17933	1
cg05895034	0.000835777	0.193985	-5.15503	0.000151992	0.120049	-8.32996	0.00956755	0.342891	-2.91638	0.346312	0.728784	-1.37215	10.6061	17.8757	1.49815	1
cg09745688	0.00328046	0.225281	-4.4389	0.000272826	0.108757	-9.19485	0.0297942	0.386294	-2.5887	0.876583	1.05951	1.05951	9.74512	21.3548	1.94785	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27174822	PRSS22	0.00381048	0.0423813	0.37661	-2.65527	0.0678925	0.425611	-2.34957	0.00139987	0.144676	-6.91201	0.114261	2.04957	2.04957	0.0844818	0.450592	-2.2193	0.557473	0.780498	-1.28123	0.0169754	0.296368	-3.37418	0.0149863	3.48811	3.48811	0.0201464	3.22458	3.22458	7.96807	22.0215	2.45664	1
cg16701914	PRSS22	0.00547384	0.00967295	0.345856	-2.89138	0.093729	0.550054	-1.818	0.173017	0.624855	-1.60037	0.404998	1.31826	1.31826	0.515021	1.23874	1.23874	0.00160528	0.230505	-4.33831	0.00050373	0.171411	-5.83393	0.118738	0.577417	-1.73185	0.766534	0.907954	-1.10138	7.13799	11.8897	1.48061	1
cg02529919	PRSS22	0.0155373	0.0371285	0.299462	-3.33932	0.355255	0.622614	-1.60613	0.0156355	0.228392	-4.37844	0.0305008	0.281731	-3.54949	0.00274528	0.127534	-7.84104	0.0215345	0.252702	-3.95723	0.00352218	0.139242	-7.18176	0.160695	0.473976	-2.10981	0.0529783	0.334292	-2.9914	5.12066	20.1341	3.49505	1
cg18345369	PRSS22	0.0196503	0.0681832	0.565129	-1.76951	0.149832	0.649562	-1.5395	0.0498943	0.535289	-1.86815	0.928963	0.975391	-1.02523	0.0295726	0.488765	-2.04597	0.00700927	0.377441	-2.64942	0.00194692	0.293888	-3.40266	0.0332067	0.49874	-2.00505	0.987913	1.00424	1.00424	4.73282	5.85346	1.09936	1
cg07129104	PRSS22	0.0255086	0.0426341	0.449412	-2.22513	0.121208	0.562251	-1.77856	0.423421	0.755652	-1.32336	0.14138	0.58161	-1.71937	0.00296091	0.247122	-4.04659	0.0179687	0.373344	-2.6785	0.00536976	0.284715	-3.51228	0.0527914	0.470319	-2.12622	0.194644	0.624911	-1.60023	4.32678	8.04689	1.65314	1
cg05915609	PRSS22	0.0266493	0.0301866	3.52167	3.52167	0.664566	1.24046	1.24046	0.255698	0.556521	-1.79688	0.488966	1.41509	1.41509	0.0372213	3.30183	3.30183	0.0228806	0.260623	-3.83696	0.31845	1.6641	1.6641	0.184224	2.00511	2.00511	0.020942	0.253542	-3.94413	4.26115	16.4633	3.43429	1
cg04468817	PRSS22	0.0298751	0.64662	1.14755	1.14755	0.417071	0.780938	-1.28051	0.026078	0.455114	-2.19725	0.299265	1.37815	1.37815	0.00719549	0.355475	-2.81314	0.00427332	0.319943	-3.12556	0.923925	1.02889	1.02889	0.254485	0.701356	-1.42581	0.259692	0.704304	-1.41984	4.09289	5.76182	1.25134	1
cg10272176	PRSS22	0.0380358	0.209711	1.53438	1.53438	0.0318652	2.25809	2.25809	0.0923533	1.82195	1.82195	0.0582053	0.499949	-2.0002	0.0385658	0.460224	-2.17286	0.0327884	0.445413	-2.24511	0.907225	0.962949	-1.03848	0.390954	0.752269	-1.32931	0.783876	0.914814	-1.09312	3.75184	6.23177	1.47643	1
cg06186790	PRSS22	0.0470349	0.0346357	0.298262	-3.35276	0.0133232	0.221804	-4.50848	0.106558	0.420847	-2.37616	0.272729	0.57083	-1.75183	0.0107754	0.207346	-4.82287	0.658105	0.803534	-1.2445	0.0101839	0.203634	-4.91077	0.182439	0.499092	-2.00364	0.272435	0.570618	-1.75249	3.46744	13.247	3.39589	1
cg11660018	PRSS23	0.000650435	0.139313	1.39215	1.39215	0.000448234	3.16204	3.16204	0.587332	0.892305	-1.12069	0.014975	1.8627	1.8627	0.0155261	0.53944	-1.85378	0.302405	0.800788	-1.24877	0.000137226	3.94086	3.94086	0.00147658	2.59608	2.59608	0.105925	1.44373	1.44373	13.2812	9.09568	0.608761	1
cg25851751	PRSS23	0.00405186	0.123781	0.719626	-1.38961	0.00529661	0.484099	-2.06569	0.000103682	0.257908	-3.87735	0.00723734	0.50459	-1.98181	0.369975	0.833828	-1.19929	0.09615	0.697227	-1.43425	0.1382	0.729738	-1.37035	0.439538	0.855893	-1.16837	0.0219304	0.581201	-1.72057	7.82205	4.82667	0.548498	1
cg23351584	PRSS23	0.00830975	0.930866	1.02608	1.02608	0.000414689	0.189769	-5.26957	0.39425	0.771911	-1.29549	0.592619	0.851947	-1.17378	0.137425	0.622111	-1.60743	0.165178	1.55148	1.55148	0.00436808	0.32318	-3.09425	0.0291466	0.466402	-2.14407	0.397872	0.773512	-1.2928	6.26867	8.73862	1.23913	1
cg04660191	PRSS23	0.00911411	0.0472338	1.39608	1.39608	0.667157	0.938395	-1.06565	0.00621403	0.591985	-1.68923	0.774307	1.04316	1.04316	0.0369077	1.42789	1.42789	0.397929	0.880557	-1.13564	0.00177944	1.92276	1.92276	0.105951	1.2963	1.2963	0.516579	0.907872	-1.10148	6.08797	2.08254	0.304066	1
cg08363925	PRSS23	0.016824	0.494865	0.895818	-1.1163	0.233234	1.21944	1.21944	0.193957	1.24376	1.24376	0.959367	1.00812	1.00812	0.721508	0.944774	-1.05845	0.690612	0.938472	-1.06556	0.000288017	0.390963	-2.55778	0.898627	0.979973	-1.02044	0.984862	0.996993	-1.00302	4.9868	1.98979	0.354677	1
cg23771366	PRSS23	0.0343964	0.409045	1.49007	1.49007	0.111223	2.2694	2.2694	0.843137	1.0981	1.0981	0.217206	1.84641	1.84641	0.157504	0.489712	-2.04201	0.762793	1.1537	1.1537	0.00650996	5.31341	5.31341	0.00483514	5.84376	5.84376	0.100701	2.33784	2.33784	3.89153	13.7505	3.14084	1
cg02090883	PRSS27	0.000223892	6.54E-05	0.20118	-4.97068	0.604415	0.891944	-1.12115	0.000592371	0.313281	-3.19203	0.504064	1.15991	1.15991	0.00038262	0.289184	-3.45801	0.000151576	0.241133	-4.14708	0.00234176	0.394812	-2.53285	0.287186	1.27354	1.27354	0.00394928	0.428141	-2.33568	17.8169	13.5092	0.673976	1
cg04880804	PRSS27	0.00118192	4.74E-05	0.267752	-3.7348	0.019572	1.62413	1.62413	0.0171299	0.606832	-1.6479	0.172716	0.779213	-1.28335	0.0246906	0.631399	-1.58378	0.00835397	0.560241	-1.78495	0.0154376	0.599956	-1.66679	0.428575	0.870284	-1.14905	0.0419472	0.668322	-1.49629	11.2203	5.25194	0.416067	1
cg08720503	PRSS27	0.00291748	0.0024365	0.502095	-1.99166	0.0562455	0.702528	-1.42343	9.82E-05	0.323059	-3.09541	0.243585	1.22049	1.22049	0.219798	0.810005	-1.23456	0.869277	0.97346	-1.02726	0.342184	1.17331	1.17331	0.0955274	0.741522	-1.34858	0.375975	0.862103	-1.15995	8.62927	3.64495	0.375462	1
cg01115990	PRSS27	0.0150484	0.675253	1.10479	1.10479	0.00256842	0.371996	-2.6882	0.617002	0.887579	-1.12666	0.0977735	1.53673	1.53673	0.138122	0.685484	-1.45882	0.415858	1.21737	1.21737	0.00617925	0.429703	-2.32719	0.02225	0.523035	-1.91192	0.609018	0.885134	-1.12977	5.17518	4.58538	0.787586	1
cg26693953	PRSS27	0.016767	0.00335379	0.452448	-2.2102	0.00341757	0.45364	-2.20439	0.0613356	0.657773	-1.52028	0.663031	0.916568	-1.09103	0.0160262	0.556675	-1.79638	0.689496	0.923298	-1.08307	0.0923682	0.692067	-1.44495	0.661392	1.09153	1.09153	0.026276	0.592311	-1.6883	4.99246	3.12197	0.555854	1
cg00644107	PRSS27	0.0232765	0.393208	0.573396	-1.74399	0.0215291	0.172798	-5.78712	0.0724505	0.279541	-3.5773	0.841361	1.13591	1.13591	0.0472407	0.236054	-4.23631	0.337212	0.533032	-1.87606	0.00119948	0.0489119	-20.4449	0.407063	0.58315	-1.71483	0.0160819	0.153631	-6.50911	4.46641	28.6043	5.69274	1
cg26761572	PRSS27	0.0356189	0.634349	1.12875	1.12875	0.017839	0.48291	-2.07078	0.00837607	0.426793	-2.34306	0.468116	1.20515	1.20515	0.56903	0.864602	-1.1566	0.298454	1.31314	1.31314	0.00902417	0.432119	-2.31418	0.732174	0.916828	-1.09072	0.394783	0.802269	-1.24646	3.84265	3.88849	0.899493	1
cg05144884	PRSS27;PRSS27	6.07E-05	0.688247	0.954358	-1.04782	0.00638264	1.50848	1.50848	0.154553	0.838203	-1.19303	0.0564519	1.28421	1.28421	2.26E-05	0.374088	-2.67317	0.00206189	0.604908	-1.65314	0.669679	1.05096	1.05096	0.123552	0.824313	-1.21313	6.27E-06	0.310713	-3.21841	25.2839	5.37201	0.18886	1
cg14133635	PRSS3	0.000226611	0.000327298	0.295447	-3.38471	0.00284676	0.422032	-2.36949	0.000106838	0.237913	-4.20321	0.00891743	0.497159	-2.01143	4.70E-05	0.19946	-5.01354	0.00189745	0.396778	-2.5203	0.548276	0.88021	-1.13609	0.000250447	0.281178	-3.55647	0.0232403	0.565654	-1.76786	17.7585	12.4078	0.621064	1
cg22410499	PRSS3	0.00476874	0.527066	0.854949	-1.16966	0.730038	0.91878	-1.0884	0.000198232	0.216789	-4.61278	0.15763	0.691087	-1.447	0.212945	0.725598	-1.37817	0.00152771	0.327715	-3.05143	0.333475	1.27628	1.27628	0.850499	1.04722	1.04722	0.0550726	0.587498	-1.70213	7.44531	7.05125	0.841842	1
cg02227496	PRSS3	0.00485797	0.179237	0.756641	-1.32163	0.00147977	2.45077	2.45077	0.481842	0.869591	-1.14997	0.271013	1.25106	1.25106	0.00127752	0.399253	-2.50468	0.0213922	0.5825	-1.71674	0.326451	0.82035	-1.21899	0.271028	1.25105	1.25105	0.797424	1.05156	1.05156	7.40338	4.47966	0.537851	1
cg13900737	PRSS3	0.0180296	0.0840025	0.642146	-1.55728	0.0132549	0.491092	-2.03628	0.00233253	0.373564	-2.67692	0.00714742	0.447201	-2.23613	0.597861	0.883982	-1.13125	0.63708	0.895749	-1.11638	0.143621	0.694862	-1.43914	0.00894215	0.462827	-2.16063	0.532556	0.86377	-1.15772	4.87243	4.14173	0.755586	1
cg07483989	PRSS3	0.030311	0.0216241	0.541433	-1.84695	0.342405	0.804447	-1.24309	0.929501	1.01988	1.01988	0.244381	1.31116	1.31116	0.254192	0.767313	-1.30325	0.0324254	0.572879	-1.74557	0.629061	0.89738	-1.11436	0.0143907	1.95635	1.95635	0.0717527	1.56397	1.56397	4.07188	3.19121	0.696638	1
cg12720905	PRSS33	0.000856069	0.981764	0.99739	-1.00262	0.0300901	1.33864	1.33864	0.0198936	0.725164	-1.379	0.0602921	1.27411	1.27411	0.0090601	1.46114	1.46114	0.000930965	1.75953	1.75953	0.000300068	0.510501	-1.95886	0.0347232	1.32504	1.32504	0.154049	1.19061	1.19061	12.2952	2.54546	0.184026	1
cg16591048	PRSS33	0.00135898	0.757805	0.948063	-1.05478	0.296647	0.829789	-1.20513	0.000131132	0.318341	-3.14128	0.982126	0.996145	-1.00387	0.00043723	0.383581	-2.60701	0.352924	0.848049	-1.17918	0.00171496	0.462197	-2.16358	0.00367128	0.507996	-1.96852	0.0657613	0.700452	-1.42765	10.7811	5.07674	0.41857	1
cg05687563	PRSS33	0.00835712	0.0809595	0.734908	-1.36071	0.0277408	0.660916	-1.51305	0.000737404	0.442151	-2.26167	0.682846	1.06758	1.06758	0.214716	0.812288	-1.23109	0.589757	0.917002	-1.09051	0.00534752	0.557668	-1.79318	0.00593329	0.56395	-1.77321	0.686662	1.06668	1.06668	6.25743	2.51097	0.356691	1
cg01569052	PRSS33	0.0247913	0.492078	0.900271	-1.11078	0.680311	0.939523	-1.06437	0.00840659	0.602406	-1.66001	0.102822	1.3083	1.3083	0.184452	0.808998	-1.2361	0.0117581	1.60611	1.60611	0.136533	0.785438	-1.27318	0.283239	0.845463	-1.18278	0.133954	1.27553	1.27553	4.36995	1.56904	0.319158	1
cg05914242	PRSS35;PRSS35	0.000235735	0.741455	0.967105	-1.03401	0.0002814	0.54891	-1.82179	0.100847	0.833979	-1.19907	0.0279516	0.76923	-1.3	2.16E-05	0.421824	-2.37066	0.00339023	0.668677	-1.49549	0.247292	0.884962	-1.12999	0.00444202	1.46737	1.46737	0.0999114	1.19978	1.19978	17.5688	2.83994	0.143686	1
cg20805334	PRSS35;PRSS35	0.000588697	0.0897205	0.7255	-1.37836	0.00315324	1.99796	1.99796	2.29E-05	0.233586	-4.28108	0.0820858	0.718593	-1.39161	0.00475783	0.52569	-1.90226	0.594294	0.911904	-1.09661	0.513881	1.12026	1.12026	0.491932	1.1272	1.1272	0.16707	0.776719	-1.28747	13.6561	6.36457	0.414276	1
cg17679608	PRSS35;PRSS35	0.00269794	0.689873	1.03399	1.03399	0.406352	1.07335	1.07335	0.000186141	1.69183	1.69183	0.459665	1.06475	1.06475	0.926006	0.992289	-1.00777	0.783742	0.977335	-1.02319	0.0045341	0.72969	-1.37045	0.82822	0.982054	-1.01827	0.00805029	0.753602	-1.32696	8.83139	0.971318	0.0977643	1
cg09115026	PRSS35;PRSS35	0.00391895	0.518363	1.15371	1.15371	0.00472725	0.440634	-2.26946	0.00389972	0.428037	-2.33624	0.729237	0.926928	-1.07883	0.000435113	0.296891	-3.36824	0.777432	1.06384	1.06384	0.958971	1.0113	1.0113	0.345318	0.808765	-1.23645	0.00372773	0.425112	-2.35232	7.90106	5.96714	0.671318	1
cg05453816	PRSS35;PRSS35	0.00654024	0.0233957	0.727979	-1.37367	0.764942	0.965463	-1.03577	0.0252548	0.732087	-1.36596	0.854349	1.02177	1.02177	0.317795	1.12867	1.12867	0.00794748	1.4902	1.4902	0.0026151	1.62994	1.62994	0.0147865	1.42131	1.42131	0.913339	1.01284	1.01284	6.75642	1.47024	0.193428	1
cg14718822	PRSS35;PRSS35	0.0112192	0.310294	0.842422	-1.18705	0.0024088	1.99452	1.99452	0.0214552	1.57033	1.57033	0.976832	1.00475	1.00475	0.284212	0.833847	-1.19926	0.614635	0.920428	-1.08645	0.00198108	2.04142	2.04142	0.957633	0.991361	-1.00871	0.791588	0.957666	-1.04421	5.69616	2.40666	0.375561	1
cg06771958	PRSS35;PRSS35	0.0180713	0.77522	0.913434	-1.09477	0.0068712	0.330585	-3.02494	0.00398441	0.293993	-3.40144	0.534144	1.22034	1.22034	0.00505618	0.309633	-3.22962	0.416312	1.30048	1.30048	0.507055	0.808259	-1.23723	0.650132	0.86553	-1.15536	0.0901392	0.553953	-1.80521	4.86865	7.71233	1.40807	1
cg09719693	PRSS35;PRSS35	0.0367063	0.0509893	0.518416	-1.92895	0.27403	1.3999	1.3999	0.516454	0.823304	-1.21462	0.0200726	0.43647	-2.29111	0.00463048	0.328445	-3.04465	0.49246	0.813805	-1.2288	0.0182279	0.428668	-2.33281	0.854904	0.947336	-1.05559	0.412581	0.780681	-1.28093	3.80088	5.25823	1.22971	1
cg00915858	PRSS36	5.48E-05	0.00217692	0.548398	-1.82349	0.000879132	0.498225	-2.00712	0.0004394	0.460372	-2.17216	0.122717	1.26318	1.26318	2.24E-06	0.198834	-5.02933	0.0339248	0.707578	-1.41327	0.00242799	0.554492	-1.80345	0.00428496	0.58642	-1.70526	0.000105126	0.383968	-2.60438	25.9841	8.03111	0.274736	1
cg08696638	PRSS36	0.00117285	0.618432	0.861057	-1.16136	0.97566	1.00913	1.00913	0.00278885	0.292877	-3.4144	0.561285	0.839458	-1.19124	0.0174655	0.422336	-2.36778	0.0833599	0.564937	-1.77011	2.16E-05	0.078455	-12.7462	0.0089762	0.371587	-2.69116	0.195884	0.665324	-1.50303	11.245	15.8073	1.24953	1
cg04797061	PRSS36	0.00408344	0.00683908	5.22539	5.22539	0.0252811	3.50963	3.50963	0.0524996	2.83119	2.83119	0.136327	2.13313	2.13313	0.104787	2.30895	2.30895	0.815332	0.895448	-1.11676	0.000115304	24.3319	24.3319	0.243425	1.77913	1.77913	0.00875659	4.8364	4.8364	7.80375	27.5371	3.13662	1
cg27447083	PRSS36	0.0103159	0.433868	0.89794	-1.11366	0.0032704	0.582493	-1.71676	0.00926491	0.640727	-1.56073	0.0127113	0.658735	-1.51806	0.0131597	0.660721	-1.5135	0.0286169	0.706021	-1.41639	0.173135	1.21581	1.21581	0.015961	0.671825	-1.48848	0.567919	0.925132	-1.08093	5.85204	1.68434	0.255841	1
cg14301190	PRSS36	0.0120774	0.00215191	7.7402	7.7402	0.0100398	4.68023	4.68023	0.979394	1.01234	1.01234	0.0586633	2.75766	2.75766	0.834374	0.905342	-1.10456	0.70909	0.83695	-1.19481	0.00404405	6.256	6.256	0.494367	1.39039	1.39039	0.017661	3.93827	3.93827	5.56189	19.8697	3.17554	1
cg07078430	PRSS36	0.0132882	0.171872	0.628512	-1.59106	0.0182028	2.49795	2.49795	0.00280575	3.72404	3.72404	0.0123586	2.70355	2.70355	0.187664	0.640276	-1.56183	0.19544	1.54841	1.54841	0.0277262	2.29533	2.29533	0.732664	0.896296	-1.1157	0.256185	1.46004	1.46004	5.39137	8.70632	1.43543	1
cg07530759	PRSS37	0.000723112	1.88E-05	0.0558029	-17.9202	0.678997	0.871165	-1.14789	0.0658845	0.50462	-1.98169	0.126073	0.577769	-1.73079	0.0311616	0.432479	-2.31225	0.938798	0.97487	-1.02578	0.796247	1.08954	1.08954	0.302317	0.701767	-1.42497	0.000294576	0.141641	-7.06008	12.893	22.4306	1.54644	1
cg24141724	PRSS37	0.0140995	0.00793978	0.352584	-2.8362	0.00325379	0.292616	-3.41744	0.038127	0.478984	-2.08775	0.914307	1.03352	1.03352	0.34046	0.740176	-1.35103	0.936929	0.976054	-1.02453	0.815531	1.0742	1.0742	0.0139739	0.394675	-2.53373	0.00600713	0.333029	-3.00274	5.28756	7.85482	1.32047	1
cg17216092	PRSS37	0.0346683	0.118054	0.562543	-1.77764	0.343651	0.718435	-1.39191	0.0347563	0.434206	-2.30306	0.332455	1.40343	1.40343	0.423396	0.75793	-1.31938	0.270873	1.47489	1.47489	0.903199	1.04211	1.04211	0.573809	1.21245	1.21245	0.00186907	0.224113	-4.46203	3.88047	7.06184	1.61764	1
cg15588905	PRSS38	7.41E-05	0.445527	0.889745	-1.12392	0.000643361	0.455332	-2.1962	0.000910864	0.474744	-2.1064	0.722229	1.05508	1.05508	6.74E-06	0.222787	-4.48858	0.131818	1.27679	1.27679	0.194554	1.22893	1.22893	0.762377	1.04661	1.04661	4.37E-05	0.312079	-3.20432	23.9822	8.57094	0.317678	1
cg14653225	PRSS38	0.000158227	0.000135238	0.292955	-3.4135	0.188846	0.77212	-1.29514	0.000329001	0.340422	-2.93753	0.830651	0.960994	-1.04059	0.000438368	0.356315	-2.80651	0.674127	0.924441	-1.08173	0.000630494	2.65378	2.65378	0.216241	0.785252	-1.27348	0.000253363	0.326192	-3.06568	19.573	10.6983	0.485852	1
cg12638695	PRSS38	0.000163118	0.925181	0.985864	-1.01434	0.368643	0.869397	-1.15022	0.48921	1.11236	1.11236	0.859348	0.973474	-1.02725	6.58E-06	0.218754	-4.57134	0.0212049	1.52183	1.52183	0.000811352	2.15016	2.15016	0.638897	0.93087	-1.07426	0.00386288	0.554344	-1.80393	19.4129	7.06327	0.323417	1
cg20342082	PRSS38	0.00166417	0.637942	0.91056	-1.09823	0.329874	0.819743	-1.2199	0.493009	1.14754	1.14754	0.350925	1.20898	1.20898	9.21E-05	0.251527	-3.97572	0.429064	1.17302	1.17302	0.118178	1.39843	1.39843	0.256726	0.791361	-1.26365	0.000641365	0.354953	-2.81727	10.1702	6.29404	0.550105	1
cg06312477	PRSS38	0.00603948	0.175679	0.712611	-1.40329	0.0359835	0.563264	-1.77537	0.0165131	0.501992	-1.99206	0.831929	1.05128	1.05128	0.000377322	0.262617	-3.80783	0.492028	1.17845	1.17845	0.0259752	1.86242	1.86242	0.596115	0.881738	-1.13412	0.113754	0.667049	-1.49914	6.92512	6.07256	0.779456	1
cg05595142	PRSS38	0.0387661	0.433839	0.640988	-1.56009	0.695468	0.803256	-1.24493	0.037075	0.259714	-3.85038	0.018253	0.202779	-4.93147	0.0020911	0.0897054	-11.1476	0.690742	1.24945	1.24945	0.958413	1.02947	1.02947	0.954888	1.03201	1.03201	0.151922	0.425358	-2.35096	3.7258	18.3006	4.3661	1
cg05413282	PRSS3;PRSS3	1.20E-06	0.0874509	0.771573	-1.29605	4.38E-05	0.344594	-2.90196	0.00226678	0.555971	-1.79865	6.35E-05	0.363714	-2.74942	1.58E-07	0.106377	-9.40056	2.47E-07	0.120523	-8.29715	0.00196844	1.8243	1.8243	0.000404809	0.461731	-2.16576	6.29E-05	0.363224	-2.75312	70.0652	20.9638	0.265959	1
cg02939356	PRSS42	0.000554446	0.26684	0.815578	-1.22612	0.000468753	2.63516	2.63516	0.000154886	0.31918	-3.13303	0.384798	0.854685	-1.17002	0.00913564	0.557929	-1.79234	0.0027064	0.481845	-2.07536	0.105256	1.36602	1.36602	0.134869	1.3285	1.3285	0.301169	0.827969	-1.20777	13.886	6.82931	0.437167	1
cg20078406	PRSS42	0.000813394	0.626389	0.879356	-1.1372	0.00274903	0.338622	-2.95315	0.00226684	0.326523	-3.06257	0.817164	0.941116	-1.06257	4.80E-05	0.134579	-7.4306	0.0990367	1.60628	1.60628	0.120883	1.55394	1.55394	0.637074	1.13263	1.13263	0.0193489	0.476552	-2.09841	12.4737	13.5671	0.966812	1
cg27016974	PRSS42	0.00105678	0.984581	0.994405	-1.00563	0.0542771	0.530392	-1.8854	0.00289941	0.304609	-3.28289	0.0611831	0.541978	-1.84509	7.36E-05	0.12338	-8.10501	0.722867	0.901781	-1.10892	0.000612978	0.216095	-4.6276	0.098476	1.69234	1.69234	0.0477842	0.518348	-1.92921	11.5835	15.4654	1.18677	1
cg11019296	PRSS42	0.00121981	0.509587	0.885412	-1.12942	5.01E-05	0.250592	-3.99054	0.000512168	0.372745	-2.6828	0.841218	0.964167	-1.03717	0.455893	0.870964	-1.14815	0.481905	1.13887	1.13887	0.267785	1.23369	1.23369	0.48012	0.877584	-1.13949	0.0145744	0.578487	-1.72865	11.1197	5.82856	0.465925	1
cg19532454	PRSS42	0.00382506	0.00295282	0.124327	-8.04328	0.00105931	0.0843165	-11.8601	0.0771956	0.366523	-2.72834	0.0101843	0.191047	-5.23431	0.000822805	0.0761969	-13.1239	0.0592779	0.336976	-2.96757	0.00939269	0.185953	-5.37771	0.0595068	0.337389	-2.96394	0.0094197	0.186131	-5.37255	7.95893	32.8937	3.67372	1
cg07671036	PRSS42	0.00455838	0.737096	1.10297	1.10297	0.00685971	2.76889	2.76889	0.0147383	0.417649	-2.39435	0.136081	1.59556	1.59556	0.0394202	0.500013	-1.99995	0.642785	1.14553	1.14553	0.0202998	2.25672	2.25672	0.0185498	2.29447	2.29447	0.00723416	0.364899	-2.74048	7.54813	10.1159	1.19128	1
cg05504055	PRSS42	0.00523226	0.479485	0.797753	-1.25352	0.228803	1.48733	1.48733	0.0251013	0.432807	-2.3105	0.516617	0.813266	-1.22961	0.000104939	0.115988	-8.62155	0.294621	0.710591	-1.40728	0.1914	1.5446	1.5446	0.745282	1.10789	1.10789	0.725239	0.895014	-1.1173	7.23744	11.3248	1.39089	1
cg00373275	PRSS42	0.00806068	0.0299719	0.65335	-1.53057	0.0346698	0.663312	-1.50759	0.66819	1.07453	1.07453	0.246379	0.817032	-1.22394	0.185907	0.791522	-1.26339	0.0981709	1.35309	1.35309	0.0183372	1.61146	1.61146	0.65034	0.926751	-1.07904	0.00102581	0.444319	-2.25064	6.32908	2.78544	0.391201	1
cg13821602	PRSS42	0.0116816	0.996593	1.00062	1.00062	0.0614102	0.73727	-1.35635	0.0659275	0.741994	-1.34772	0.378074	1.13975	1.13975	0.0067685	0.601892	-1.66143	0.445078	1.11918	1.11918	0.00172403	1.90941	1.90941	0.557316	1.08963	1.08963	0.794429	0.962936	-1.03849	5.62229	1.86277	0.294506	1
cg25502179	PRSS42	0.0191634	0.671462	1.15528	1.15528	0.0213625	0.392285	-2.54917	0.00613317	0.29821	-3.35335	0.958829	1.01762	1.01762	0.0548058	0.478581	-2.08951	0.81991	0.925749	-1.08021	0.0137071	2.80459	2.80459	0.286682	1.45402	1.45402	0.346991	1.3877	1.3877	4.77322	8.65391	1.61157	1
cg00741656	PRSS42	0.020744	0.30483	0.876594	-1.14078	0.088782	0.792405	-1.26198	0.0420317	0.747966	-1.33696	0.0449844	0.751886	-1.32999	0.0149834	0.690234	-1.44878	0.502747	1.08796	1.08796	0.00919448	1.5067	1.5067	0.203373	0.846691	-1.18107	0.114842	0.808532	-1.23681	4.64644	1.13059	0.216288	1
cg22550309	PRSS42	0.0246194	0.286226	1.43854	1.43854	0.014628	0.372671	-2.68333	0.00314317	0.26568	-3.76393	0.426458	1.30554	1.30554	0.411773	0.759156	-1.31725	0.86199	0.944471	-1.05879	0.0404178	2.17542	2.17542	0.566404	1.2096	1.2096	0.702047	0.881435	-1.13451	4.38052	7.47903	1.51763	1
cg13276631	PRSS42	0.0365278	0.0247204	0.168199	-5.94536	0.18912	0.395571	-2.52799	0.0138117	0.131504	-7.60434	0.0405466	0.206636	-4.83943	0.00742619	0.100381	-9.96205	0.116101	0.320302	-3.12205	0.0127671	0.127142	-7.8652	0.12895	0.334938	-2.98563	0.335847	0.51603	-1.93787	3.80763	26.8016	6.25681	1
cg21450652	PRSS42	0.0423748	0.736616	1.07902	1.07902	0.00430183	0.423105	-2.36348	0.0379097	0.581419	-1.71993	0.46426	0.84551	-1.18272	0.836195	1.04775	1.04775	0.0724844	1.57069	1.57069	0.722564	1.08363	1.08363	0.137454	1.4339	1.4339	0.959014	0.988488	-1.01165	3.60542	2.89833	0.71456	1
cg21587375	PRSS45	3.52E-06	0.271756	0.839612	-1.19103	0.0116458	1.61898	1.61898	6.10E-05	0.322791	-3.09798	0.579709	1.08924	1.08924	1.09E-07	0.0733597	-13.6315	1.97E-05	0.266536	-3.75183	9.32E-05	0.344678	-2.90125	0.13608	0.782371	-1.27817	0.000453635	0.429819	-2.32656	53.129	19.6465	0.328701	1
cg01565013	PRSS45	0.00341092	0.629002	0.869757	-1.14975	0.935126	0.976935	-1.02361	0.00011089	0.142406	-7.02218	0.00109754	0.251616	-3.97431	0.0228781	0.458228	-2.18232	0.472075	0.81086	-1.23326	0.0783933	0.570968	-1.75141	0.106769	0.60366	-1.65656	0.490356	0.818058	-1.22241	8.23707	10.7182	1.15664	1
cg19802542	PRSS45	0.0472138	0.613342	1.095	1.095	0.853731	0.967665	-1.03342	0.203775	0.787498	-1.26984	0.0510943	0.673221	-1.4854	0.00772545	0.54364	-1.83945	0.253358	0.808588	-1.23672	0.333314	1.19451	1.19451	0.0738833	0.7013	-1.42592	0.0146816	0.58566	-1.70748	3.46249	1.73953	0.446573	1
cg12996417	PRSS48	0.00257736	0.220719	0.731415	-1.36721	0.474733	1.19315	1.19315	0.423534	0.819893	-1.21967	0.0222103	1.94636	1.94636	0.0371943	0.555635	-1.79974	0.0939102	1.56437	1.56437	0.000251444	4.33479	4.33479	0.00196095	2.89594	2.89594	0.906998	1.0288	1.0288	8.95134	8.36736	0.830898	1
cg16142054	PRSS48	0.0251679	0.359309	0.878716	-1.13802	0.375959	1.13274	1.13274	0.729716	0.953536	-1.04873	0.0466324	0.731588	-1.36689	0.195067	0.82861	-1.20684	0.389091	0.885965	-1.12871	0.00116612	1.92314	1.92314	0.476675	0.905503	-1.10436	0.620255	0.933777	-1.07092	4.3471	1.29556	0.264914	1
cg26743898	PRSS48	0.0252923	0.496644	1.2107	1.2107	0.0748894	0.577211	-1.73247	0.0314385	0.497037	-2.01192	0.482527	0.820598	-1.21862	0.895042	0.964095	-1.03724	0.764288	1.08688	1.08688	0.00135986	3.62605	3.62605	0.942114	0.980083	-1.02032	0.98409	1.00554	1.00554	4.33964	5.27455	1.08039	1
cg19929081	PRSS48	0.0376145	0.00763526	0.389714	-2.56598	0.418578	1.25495	1.25495	0.173624	0.671825	-1.48848	0.99609	0.998655	-1.00135	0.031223	0.499305	-2.00279	0.65666	1.1308	1.1308	0.0713742	1.73896	1.73896	0.357462	1.29695	1.29695	0.0706041	0.57399	-1.74219	3.76715	4.50398	1.06275	1
cg02834909	PRSS50	0.000179858	0.00250479	0.396446	-2.52241	0.00134288	0.358184	-2.79186	0.0175774	0.529075	-1.89009	0.0582142	0.623954	-1.60268	2.54E-05	0.158701	-6.30115	0.251838	1.30184	1.30184	0.00442315	0.432993	-2.30951	0.00509434	0.442328	-2.26077	0.00105668	2.90731	2.90731	18.907	14.5392	0.683543	1
cg04360233	PRSS50	0.000977733	0.436601	0.897107	-1.11469	0.0785566	0.765428	-1.30646	6.36E-05	0.36546	-2.73628	0.21145	1.19735	1.19735	0.475694	1.10432	1.10432	0.0655983	1.32671	1.32671	0.000941381	1.96397	1.96397	0.635407	0.936744	-1.06753	0.395568	0.887775	-1.12641	11.8419	3.51058	0.263516	1
cg00817731	PRSS50	0.00310832	0.0353174	0.408607	-2.44734	0.0554451	0.452628	-2.20932	0.0953305	0.512156	-1.95253	0.578849	1.2272	1.2272	0.0401442	0.420668	-2.37717	0.0184572	2.83956	2.83956	0.00262595	4.57593	4.57593	0.00277573	0.221724	-4.51011	0.130685	1.8148	1.8148	8.46841	17.8826	1.87705	1
cg17460445	PRSS50	0.00518121	0.486555	0.84003	-1.19043	0.000702248	0.279747	-3.57465	0.0122203	0.463117	-2.15928	0.0543788	0.583771	-1.713	0.877935	1.03862	1.03862	0.0197616	2.00186	2.00186	0.482484	0.838615	-1.19244	0.00812118	0.433614	-2.3062	0.377246	1.25032	1.25032	7.25919	6.98976	0.855898	1
cg01967580	PRSS50	0.00849727	0.873302	1.05299	1.05299	0.00914693	0.342609	-2.91878	0.0749609	0.526411	-1.89965	0.175208	1.59437	1.59437	0.00467715	0.29621	-3.37598	0.0860255	1.84744	1.84744	0.216872	0.65677	-1.5226	0.00227458	0.251295	-3.97939	0.524061	0.81147	-1.23233	6.22465	10.321	1.47386	1
cg05727070	PRSS50	0.014049	0.186085	1.66605	1.66605	0.620528	0.833829	-1.19929	0.00785183	3.46287	3.46287	0.00342302	0.235023	-4.2549	0.112352	0.532897	-1.87654	0.152277	1.74781	1.74781	0.0472662	0.437557	-2.28541	0.676944	0.858503	-1.16482	0.661396	1.17407	1.17407	5.2938	11.1162	1.86653	1
cg01788113	PRSS50	0.0163291	0.0278333	0.289041	-3.45972	0.0783631	0.393131	-2.54368	0.272854	0.579913	-1.7244	0.433445	1.46468	1.46468	0.0207547	0.26469	-3.778	0.0487377	2.92913	2.92913	0.051664	2.87893	2.87893	0.0104903	0.214846	-4.65449	0.991671	1.005	1.005	5.03673	18.1842	3.20916	1
cg19668234	PRSS50	0.0236281	0.141555	0.568375	-1.7594	0.0289191	0.398285	-2.51076	0.63962	0.844887	-1.18359	0.0220832	2.66723	2.66723	0.604062	1.2056	1.2056	0.115314	1.84396	1.84396	0.0177655	0.356935	-2.80163	0.0550806	0.459619	-2.17572	0.261445	1.51978	1.51978	4.44334	8.9896	1.79836	1
cg13303179	PRSS50;PRSS50	0.00617529	0.00170543	3.10147	3.10147	0.163017	0.686457	-1.45675	0.221438	0.72273	-1.38364	0.0135365	2.16435	2.16435	0.0294463	0.523137	-1.91154	0.252457	1.35259	1.35259	0.588326	1.14806	1.14806	0.00583841	2.4891	2.4891	0.15747	1.4651	1.4651	6.87769	6.95325	0.898654	1
cg08648499	PRSS8	0.0187932	0.10964	0.497263	-2.01101	0.432401	1.37842	1.37842	0.0646176	0.435416	-2.29665	0.476006	0.748028	-1.33685	0.00405262	0.213135	-4.69187	0.315101	0.659617	-1.51603	0.00257813	0.187568	-5.33139	0.0148886	0.301288	-3.31908	0.149684	0.538635	-1.85655	4.80479	12.21	2.25886	1
cg04407248	PRSS8	0.0195762	0.0326702	0.19841	-5.04006	0.00519522	0.0919305	-10.8778	0.0133653	0.137689	-7.26276	0.271336	0.476642	-2.09801	0.0436751	0.223	-4.4843	0.0588146	0.251331	-3.97882	0.00512628	0.0913908	-10.942	0.0215784	0.167707	-5.96277	0.0465876	0.228861	-4.36947	4.73889	31.4248	5.89446	1
cg27436259	PRSS8;PRSS8	0.0286887	0.0640681	2.70004	2.70004	0.00111015	9.90953	9.90953	0.141719	2.12576	2.12576	0.335649	1.60621	1.60621	0.0284946	3.43425	3.43425	0.476288	1.41298	1.41298	0.0574654	2.78861	2.78861	0.47439	1.41516	1.41516	0.0268384	3.4962	3.4962	4.15204	14.9809	3.20719	1
cg13439730	PRSS8;PRSS8	0.0374362	0.0263235	2.3522	2.3522	0.00471783	3.38353	3.38353	0.612849	1.18018	1.18018	0.199206	1.55335	1.55335	0.261925	1.462	1.462	0.856116	1.0607	1.0607	0.00837073	2.98553	2.98553	0.696843	1.13554	1.13554	0.0268188	2.34331	2.34331	3.7737	6.30001	1.48396	1
cg06599390	PRSSL1	1.34E-05	0.00414589	0.495877	-2.01663	0.00607274	0.520025	-1.92299	0.0187226	0.594536	-1.68198	0.00415879	0.496072	-2.01584	0.000196759	0.319101	-3.1338	0.00459761	0.502371	-1.99056	5.13E-07	0.0775546	-12.8941	2.70E-06	0.127538	-7.84082	0.00171928	0.441971	-2.26259	37.5854	19.827	0.468905	1
cg12720971	PRSSL1	0.00010881	0.00402117	0.358414	-2.79007	0.0338363	0.517954	-1.93067	0.00484058	0.370779	-2.69702	0.0125045	0.43825	-2.2818	0.00133098	0.289695	-3.45191	0.0046643	0.368286	-2.71528	4.17E-06	0.0590773	-16.927	3.99E-05	0.124367	-8.04075	0.00212939	0.317883	-3.14581	21.6458	24.1674	0.992438	1
cg13463459	PRSSL1	0.000121932	0.0243233	0.545241	-1.83405	0.0742137	0.637917	-1.5676	0.0120276	0.492733	-2.0295	0.000979418	0.330282	-3.02771	0.000524084	0.294792	-3.39223	0.00757204	0.460119	-2.17335	2.80E-06	0.0790548	-12.6494	0.000287061	0.262455	-3.81018	0.0122966	0.494327	-2.02295	20.9949	16.9789	0.71886	1
cg18754695	PRSSL1	0.000140123	2.77E-05	0.449449	-2.22495	0.89327	0.98708	-1.01309	0.000519034	0.591882	-1.68953	7.38E-05	0.497591	-2.00968	0.0278952	0.77747	-1.28622	0.132656	1.17021	1.17021	0.00491016	1.43485	1.43485	0.720712	0.96582	-1.03539	0.870267	1.01596	1.01596	20.2246	3.00618	0.132124	1
cg26931334	PRSSL1	0.00224524	0.44765	1.1107	1.1107	0.0582701	0.748023	-1.33686	0.689114	1.05607	1.05607	0.657691	1.06237	1.06237	0.0284713	0.704155	-1.42014	0.0157665	1.49384	1.49384	0.00521989	1.64866	1.64866	0.000887547	0.508864	-1.96516	0.00588451	0.613274	-1.63059	9.32158	2.71718	0.259105	1
cg15979152	PRSSL1	0.00586038	0.428409	1.39667	1.39667	0.00538274	0.219968	-4.54611	0.808944	0.904746	-1.10528	0.867986	0.933565	-1.07116	0.000222863	0.0789021	-12.6739	0.253068	1.6377	1.6377	0.0543266	0.405628	-2.46531	0.434314	0.719167	-1.3905	0.477968	1.34733	1.34733	6.98974	18.9042	2.40405	1
cg10746622	PRSSL1	0.00642451	0.090361	0.57581	-1.73668	0.0417094	0.499378	-2.00249	0.0329955	0.478302	-2.09073	0.453417	0.797796	-1.25345	0.00414495	0.32083	-3.11691	0.269376	0.711616	-1.40525	0.000182369	0.153834	-6.50049	0.168482	0.647884	-1.54349	0.0299907	0.46995	-2.12788	6.79394	9.41371	1.23165	1
cg10378054	PRSSL1	0.00915776	0.596899	1.04868	1.04868	0.270156	0.902801	-1.10766	0.0046783	0.71544	-1.39774	0.00574965	0.724442	-1.38037	0.000775347	0.635707	-1.57305	0.0521317	0.821408	-1.21742	0.642601	0.959236	-1.0425	0.429233	0.930657	-1.07451	0.0382221	0.807427	-1.2385	6.07874	0.763528	0.11165	1
cg07839105	PRSSL1	0.0231015	0.947364	0.990993	-1.00909	0.0675319	1.32404	1.32404	0.438608	0.89739	-1.11434	0.00202643	0.550738	-1.81575	0.377701	0.883345	-1.13206	0.0353706	1.39901	1.39901	0.258822	1.17521	1.17521	0.881715	0.979803	-1.02061	0.154739	0.811625	-1.2321	4.47805	1.33192	0.264386	1
cg07898360	PRSSL1	0.0498254	0.138387	0.605106	-1.6526	0.381455	0.753774	-1.32666	0.627904	0.857448	-1.16625	0.342805	1.36036	1.36036	0.00177572	0.246291	-4.06024	0.683765	0.879012	-1.13764	0.692042	1.13356	1.13356	0.234457	1.4806	1.4806	0.424203	1.29305	1.29305	3.39264	5.32771	1.39589	1
cg17397672	PRSSL1;PRSSL1	1.41E-05	0.000376403	0.197408	-5.06566	0.00224138	0.294819	-3.39192	0.0732592	0.565448	-1.76851	0.00214884	0.292249	-3.42174	4.21E-06	0.0479731	-20.845	0.00233235	0.297256	-3.3641	9.19E-07	0.0245247	-40.7752	3.10E-05	0.0981812	-10.1853	0.000736786	0.231402	-4.32149	37.1314	47.9099	1.14692	1
cg21354581	PRTFDC1	0.0023956	0.00392677	0.370422	-2.69963	0.00704009	0.410056	-2.43869	0.000409396	0.237818	-4.2049	0.00299305	0.352787	-2.83457	0.562328	0.860794	-1.16172	0.0511924	0.566551	-1.76507	0.643563	1.12664	1.12664	0.0673145	0.59177	-1.68985	0.00115473	0.294691	-3.39339	9.14603	9.48498	0.921831	1
cg09072120	PRTFDC1	0.00867901	0.196523	1.17817	1.17817	0.0804038	0.79227	-1.2622	0.00098699	1.80021	1.80021	0.0205891	1.39776	1.39776	0.237223	1.1603	1.1603	0.523855	0.925371	-1.08065	0.0212475	0.717139	-1.39443	0.673827	0.950442	-1.05214	0.207467	1.17304	1.17304	6.18313	1.41173	0.202951	1
cg05219131	PRTFDC1	0.0184565	0.72925	1.03518	1.03518	0.0151764	1.34551	1.34551	0.212104	1.13971	1.13971	0.45809	0.927578	-1.07808	0.00354059	0.674802	-1.48192	0.090014	0.83034	-1.20433	0.0876977	0.828989	-1.20629	0.908689	1.01148	1.01148	0.111789	1.18805	1.18805	4.83419	0.75796	0.13937	1
cg23418510	PRTFDC1	0.0386489	0.130935	0.726767	-1.37596	0.0333258	1.62696	1.62696	0.692318	0.925122	-1.08094	0.724542	1.07169	1.07169	0.0867026	0.690557	-1.44811	0.22855	1.28056	1.28056	0.00587052	2.02501	2.02501	0.533611	1.13131	1.13131	0.276986	0.801512	-1.24764	3.72994	2.26211	0.539087	1
cg24676609	PRTFDC1	0.0388	0.0594447	0.406473	-2.46019	0.278555	1.60089	1.60089	0.0675669	2.37614	2.37614	0.0475142	0.38244	-2.61479	0.978038	1.01149	1.01149	0.241707	0.599102	-1.66916	?	?	?	0.197167	1.76983	1.76983	0.0196408	3.34056	3.34056	4.12958	9.80915	2.07842	1
cg09829843	PRTG	0.000232403	0.000121272	0.197657	-5.05927	0.00239222	0.359868	-2.77879	0.0644999	0.605593	-1.65127	0.370024	0.800662	-1.24897	1.28E-05	0.109236	-9.15452	0.967433	0.990189	-1.00991	0.00045729	0.263714	-3.79198	0.926583	0.977989	-1.02251	0.0576882	0.595528	-1.67918	17.637	16.2908	0.821039	1
cg10547387	PRTG	0.00169514	0.713412	0.925296	-1.08073	0.409627	1.19421	1.19421	0.534654	1.14151	1.14151	0.0971597	1.46693	1.46693	6.76E-05	0.215372	-4.64312	0.0565119	1.57526	1.57526	0.0646984	1.54762	1.54762	0.00944702	1.99837	1.99837	0.894727	1.02826	1.02826	10.1161	7.09757	0.623652	1
cg04124457	PRTG	0.00444685	0.387942	1.28113	1.28113	0.502084	1.21013	1.21013	0.231554	1.42093	1.42093	0.143959	1.55195	1.55195	0.000243718	0.183045	-5.46315	0.187758	0.676498	-1.4782	0.0806898	0.581387	-1.72002	0.00514152	0.355349	-2.81413	0.646438	1.13804	1.13804	7.60508	9.44109	1.10348	1
cg01878252	PRTG	0.00555801	0.0132395	0.638413	-1.56638	0.000612405	0.462379	-2.16273	0.00497388	0.580729	-1.72197	0.200368	1.2186	1.2186	0.0338588	0.696213	-1.43634	0.250736	0.839107	-1.19174	0.114765	1.28491	1.28491	0.178059	0.811256	-1.23266	0.766905	0.957481	-1.04441	7.10462	2.40393	0.300766	1
cg07181000	PRTG	0.0108513	0.00317999	0.631253	-1.58415	0.501546	1.08101	1.08101	0.278601	0.879286	-1.13729	0.48882	1.08361	1.08361	0.628332	1.05728	1.05728	0.255359	0.873192	-1.14522	0.0146994	1.40908	1.40908	0.072929	0.795791	-1.25661	0.00528495	0.657135	-1.52176	5.7577	1.18908	0.183574	1
cg10666761	PRTG	0.0149429	0.212482	0.677021	-1.47706	0.0817702	0.563879	-1.77343	0.00184713	0.268978	-3.71778	0.0564162	0.526442	-1.89954	0.00183532	0.2686	-3.72301	0.0823734	0.56465	-1.77101	0.89829	0.962728	-1.03872	0.64936	1.14563	1.14563	0.0735591	0.55291	-1.80861	5.18724	7.24829	1.24207	1
cg17396834	PRTG	0.0202069	0.566649	0.848366	-1.17874	0.00505591	0.349066	-2.86478	0.0057787	0.358174	-2.79194	0.087655	0.585519	-1.70789	0.322366	0.748084	-1.33675	0.477008	1.22788	1.22788	0.759127	0.916383	-1.09125	0.037755	1.98202	1.98202	0.133509	0.631599	-1.58328	4.68814	5.98523	1.13482	1
cg17484445	PRTG	0.0257248	0.161847	0.838074	-1.19321	0.0437792	1.31531	1.31531	0.0034327	1.6001	1.6001	0.263443	0.871216	-1.14782	0.291397	1.13822	1.13822	0.187951	1.1794	1.1794	0.0411201	0.756785	-1.32138	0.462306	1.09252	1.09252	0.855264	1.02183	1.02183	4.31407	0.955543	0.196884	1
cg17221584	PRTG	0.026421	0.00635073	0.166606	-6.00218	0.0822483	0.37866	-2.64089	0.106136	0.410582	-2.43557	0.270855	0.560862	-1.78297	0.0189875	0.238661	-4.19004	0.464949	0.687192	-1.4552	0.00754138	0.176535	-5.6646	0.0105598	0.197386	-5.06621	0.0443896	0.312009	-3.20504	4.274	17.2243	3.58223	1
cg13778723	PRTG	0.0310675	0.0120923	1.57906	1.57906	0.764565	1.04483	1.04483	0.328074	1.15882	1.15882	0.502788	1.1044	1.1044	0.0384367	1.41935	1.41935	0.0269664	0.682176	-1.4659	0.891661	0.980299	-1.0201	0.0303028	1.45037	1.45037	0.0435535	1.40335	1.40335	4.0363	1.36286	0.300134	1
cg05779057	PRTG	0.0460258	0.0401204	0.438805	-2.27892	0.0172171	0.364965	-2.73999	0.00326442	0.248396	-4.02583	0.989721	1.00448	1.00448	0.166606	0.599187	-1.66893	0.15978	0.593521	-1.68486	0.102865	0.538082	-1.85845	0.445062	0.7631	-1.31044	0.075831	0.50347	-1.98622	3.49585	6.67786	1.69798	1
cg27535410	PRTN3	8.42E-07	8.12E-05	0.108619	-9.20648	2.46E-06	0.0282374	-35.4141	2.58E-05	0.0739949	-13.5144	0.00205822	0.257739	-3.8799	3.56E-06	0.0334638	-29.883	1.42E-06	0.0216512	-46.1867	2.44E-07	0.00809792	-123.488	1.10E-06	0.0189971	-52.6397	1.88E-06	0.024868	-40.2124	76.6246	118.363	1.37308	1
cg12230709	PRTN3	0.000985672	0.0187845	0.332782	-3.00497	0.0376426	0.393798	-2.53937	0.00652313	0.255114	-3.91982	0.0414185	0.402945	-2.48173	0.0217431	0.344881	-2.89955	0.000903758	0.146759	-6.81391	4.26E-05	0.0494684	-20.2149	0.00721729	0.261863	-3.81879	0.00190939	0.182859	-5.46869	11.8148	27.9468	2.10259	1
cg09930046	PRTN3	0.00223173	0.743485	0.937647	-1.0665	0.0757884	1.47326	1.47326	0.000671311	0.360571	-2.77338	0.234635	0.783289	-1.27667	0.486642	1.14864	1.14864	0.00127262	0.397896	-2.51322	0.032101	0.611263	-1.63596	0.0916585	0.694802	-1.43926	0.000952231	0.38079	-2.62612	9.33807	5.68517	0.541171	1
cg10599438	PRTN3	0.00252882	0.645923	0.820539	-1.21871	0.00452697	0.198424	-5.03971	0.00526864	0.207424	-4.82104	0.0447388	0.373384	-2.67821	0.000473091	0.095592	-10.4611	0.00476102	0.201381	-4.96571	0.000887679	0.118944	-8.40732	0.0217555	0.30801	-3.24665	0.013005	0.267759	-3.7347	9.00161	26.0625	2.57362	1
cg17004025	PRTN3	0.00357618	0.00162658	0.210147	-4.75857	0.00536342	0.281719	-3.54964	0.0212181	0.384039	-2.6039	0.0109037	0.331506	-3.01654	0.167954	0.601882	-1.66146	0.0295226	0.412542	-2.424	0.000884532	0.178823	-5.59213	0.00286965	0.242434	-4.12484	0.00677611	0.297479	-3.36158	8.12127	15.3526	1.68037	1
cg15760529	PRTN3	0.00380116	0.158225	0.721787	-1.38545	0.755024	0.934591	-1.06999	0.665185	0.91019	-1.09867	0.931374	1.01879	1.01879	0.0573734	0.628397	-1.59135	0.829669	0.954506	-1.04766	3.85E-05	0.181757	-5.50186	0.209176	0.751195	-1.33121	0.14162	0.710654	-1.40715	7.97393	5.89884	0.657569	1
cg23386659	PRTN3	0.00796039	0.0204056	0.246312	-4.0599	0.16768	0.478406	-2.09027	0.0826224	0.381447	-2.6216	0.0322695	0.284485	-3.51513	0.00221318	0.116478	-8.58534	0.394146	0.645584	-1.54898	0.00136462	0.0972967	-10.2778	0.00579023	0.163258	-6.12528	0.0110683	0.202424	-4.94013	6.35406	25.2963	3.53878	1
cg09134726	PRTN3	0.0137131	0.0130256	0.190424	-5.25144	0.0135596	0.193092	-5.17888	0.331434	0.583068	-1.71507	0.140245	0.425622	-2.3495	0.0158908	0.203944	-4.90332	0.0241949	0.235336	-4.24925	0.00276363	0.108342	-9.23002	0.00947054	0.170347	-5.87038	0.0182655	0.213905	-4.67498	5.33605	24.492	4.07993	1
cg17483523	PRTN3	0.025826	0.337592	0.680313	-1.46991	0.075711	2.16043	2.16043	0.0638777	0.444157	-2.25146	0.0774634	0.465457	-2.14843	0.00883593	0.27286	-3.66488	0.0384254	0.39274	-2.54622	0.0622682	0.441418	-2.26543	0.0140613	0.306894	-3.25846	0.128199	0.526892	-1.89792	4.30816	10.3592	2.13738	1
cg20094462	PRTN3	0.0314656	0.078752	0.279269	-3.58078	0.190516	0.404247	-2.47373	0.459496	0.611362	-1.63569	0.135647	0.349676	-2.85979	0.00722145	0.103822	-9.63188	0.0464804	0.225391	-4.43673	0.00277163	0.0674766	-14.82	0.0263526	0.178912	-5.58933	0.333617	0.521222	-1.91857	4.018	27.1652	6.00966	1
cg24304425	PRTN3;PRTN3	0.00734389	0.0503399	0.419951	-2.38123	0.0346604	0.383732	-2.60598	0.0115889	0.293018	-3.41276	0.387908	0.708806	-1.41082	0.00314587	0.208086	-4.80571	0.0821818	0.472877	-2.11472	0.00135753	0.163828	-6.10396	0.00249126	0.195046	-5.127	0.0337679	0.381315	-2.6225	6.51678	15.6113	2.12938	1
cg13914324	PRUNE2	5.12E-05	5.54E-05	0.182747	-5.47205	0.463969	0.844602	-1.18399	0.911455	1.02553	1.02553	0.00644539	0.448102	-2.23164	5.11E-05	0.179285	-5.57771	0.00175348	0.364072	-2.74671	5.61E-05	0.183319	-5.45497	0.000408496	3.5686	3.5686	0.00383414	0.413487	-2.41846	26.4501	21.5067	0.72276	1
cg14395892	PRUNE2	0.00418245	0.0475362	0.483272	-2.06923	0.260528	0.686241	-1.45721	0.006615	0.322678	-3.09906	0.0122426	0.367409	-2.72176	0.000566899	0.180229	-5.54849	0.00954711	0.348833	-2.8667	0.0291678	0.438372	-2.28117	0.13639	1.6734	1.6734	0.00854315	0.340759	-2.93463	7.7475	12.6312	1.44921	1
cg15485728	PRUNE2	0.0151151	0.169503	1.12653	1.12653	0.0589891	1.18958	1.18958	0.00441587	1.36254	1.36254	0.521402	0.948466	-1.05433	0.60006	0.957844	-1.04401	0.337885	0.922718	-1.08375	0.00406328	0.730499	-1.36893	0.253106	1.10205	1.10205	0.356713	1.08023	1.08023	5.16762	0.542444	0.0933065	1
cg15519237	PRX;PRX	0.000271232	0.266202	0.675537	-1.4803	9.26E-05	0.0942266	-10.6127	0.000470006	0.15553	-6.42961	0.000776936	0.17875	-5.59441	0.000600116	0.166557	-6.00394	0.00222421	0.2344	-4.26621	6.43E-05	0.0831297	-12.0294	0.0466635	0.46243	-2.16249	0.00644204	0.301306	-3.31888	16.9098	30.7007	1.61383	1
cg16686757	PRX;PRX	0.00145486	0.00112597	0.150824	-6.63022	0.0104756	0.280484	-3.56526	0.190612	0.578777	-1.72778	0.00849596	0.2657	-3.76365	0.000388444	0.107287	-9.32078	0.112585	0.505841	-1.9769	0.00018294	0.0824227	-12.1326	0.982212	1.00884	1.00884	0.115653	0.509264	-1.96362	10.5721	26.0672	2.19169	1
cg08439295	PRX;PRX	0.00163734	0.37311	1.38802	1.38802	0.709722	0.874519	-1.14349	0.00611186	0.277137	-3.60833	0.683844	1.15814	1.15814	0.104212	0.528892	-1.89074	0.778483	0.903817	-1.10642	3.70E-05	0.0581174	-17.2066	0.115021	1.84878	1.84878	0.49669	1.28079	1.28079	10.2181	20.8105	1.81033	1
cg06653635	PRX;PRX	0.00558022	0.211313	0.791035	-1.26417	0.0585093	0.683536	-1.46298	0.00173283	0.451426	-2.2152	0.0368271	0.649426	-1.53982	0.00720065	0.539319	-1.85419	0.0863114	0.713689	-1.40117	0.000488601	0.378104	-2.64478	0.00704031	0.537879	-1.85915	0.186762	0.779491	-1.28289	7.09592	3.56095	0.446072	1
cg10684794	PRX;PRX	0.00717757	0.00115484	0.0651904	-15.3397	0.0180228	0.193382	-5.17111	0.0531055	0.284583	-3.51392	0.142475	0.405937	-2.46344	0.000399133	0.0398748	-25.0785	0.287916	0.532092	-1.87938	0.0939439	0.348824	-2.86677	0.227497	0.48458	-2.06364	0.110633	0.370053	-2.70232	6.56361	33.9942	4.60373	1
cg03251852	PRX;PRX	0.0112235	0.0882163	0.679178	-1.47237	0.356496	1.21535	1.21535	0.00161333	0.394635	-2.53399	0.162279	0.735778	-1.35911	0.0300043	0.591582	-1.69038	0.502649	0.869443	-1.15016	0.799171	0.948922	-1.05383	0.00119156	0.376452	-2.65638	0.20654	0.76035	-1.31518	5.69546	3.81477	0.59537	1
cg18536042	PRX;PRX	0.0112837	0.899934	0.979817	-1.0206	0.00389516	0.532624	-1.8775	0.00447946	0.541034	-1.84831	0.0727204	0.722891	-1.38333	0.0640595	0.713694	-1.40116	0.517883	0.899198	-1.1121	0.0688048	1.39109	1.39109	0.00667357	0.56528	-1.76903	0.546687	0.905868	-1.10391	5.68563	2.36551	0.369823	1
cg15393221	PRX;PRX	0.0145007	0.0231401	0.275532	-3.62935	0.00118515	0.104645	-9.55609	0.0361422	0.31451	-3.17955	0.250649	0.565621	-1.76797	0.00408441	0.160509	-6.23017	0.179734	0.508439	-1.9668	0.0597325	0.36474	-2.74168	0.0218591	0.270883	-3.69162	0.391782	0.659342	-1.51666	5.23894	18.6982	3.17252	1
cg24059164	PRX;PRX	0.0156489	0.0290974	0.668856	-1.49509	0.842413	1.03162	1.03162	0.0565713	1.40147	1.40147	0.0345232	0.680103	-1.47036	0.282072	0.83962	-1.19102	0.262192	1.2006	1.2006	0.00455303	1.80564	1.80564	0.646743	1.07483	1.07483	0.0626982	0.720703	-1.38753	5.10852	1.97854	0.344268	1
cg15448385	PRX;PRX	0.0364825	0.0499427	0.341908	-2.92476	0.370257	0.642964	-1.5553	0.0761941	0.38788	-2.57812	0.30903	0.603289	-1.65758	0.000809944	0.0884669	-11.3037	0.347601	0.628623	-1.59078	0.931603	0.959632	-1.04207	0.559419	0.753266	-1.32755	0.0962772	0.416179	-2.40281	3.80935	13.9015	3.24382	1
cg17410974	PSAP;PSAP;PSAP	1.82E-05	0.000639095	0.715325	-1.39797	0.250763	0.92618	-1.0797	0.172616	1.09719	1.09719	8.25E-06	0.536995	-1.86221	5.31E-06	0.51716	-1.93364	5.00E-06	0.514465	-1.94377	0.00170384	0.751019	-1.33153	0.00238283	0.762908	-1.31077	0.0949053	0.889336	-1.12443	34.7235	2.24572	0.0574883	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg00822255	PSAP;PSAP;PSAP	0.000913614	0.735678	0.899886	-1.11125	0.250359	0.688002	-1.45348	0.0393177	0.476008
cg00031402	PSAP;PSAP;PSAP	0.00153826	0.134014	1.20406	1.20406	0.000210413	0.490579	-2.03841	0.000388339	0.521976
cg11342130	PSAP;PSAP;PSAP	0.011194	0.091843	0.594892	-1.68098	0.339513	0.759201	-1.31717	0.640578	1.14064
cg08342763	PSAP;PSAP;PSAP	0.0356227	0.797235	0.931077	-1.07403	0.0335892	1.99077	1.99077	0.86398	1.04871
cg24883276	PSAP;PSAP;PSAP;PSAP;PSAP;PSAP	0.0493866	0.867387	0.982524	-1.01779	0.0432572	1.27797	1.27797	0.333061	1.11108
cg04229851	PSAPL1;PSAPL1;SORCS2	0.000250573	2.28E-05	0.128823	-7.7626	0.0016349	0.336127	-2.97507	0.0657547	0.607133
cg19670431	PSAPL1;SORCS2	0.000286171	0.568971	0.846619	-1.18117	0.0104578	0.393678	-2.54015	0.00690645	0.363727
cg13927832	PSAPL1;SORCS2	0.000314467	0.288918	0.773754	-1.2924	0.698764	1.09484	1.09484	0.00808282	0.45369
cg04227739	PSAPL1;SORCS2	0.000558382	0.779223	0.955742	-1.04631	0.556583	0.908666	-1.10052	0.194722	0.80176
cg20815339	PSAPL1;SORCS2	0.00158371	0.111685	0.712471	-1.40357	0.0112887	0.537416	-1.86076	7.18E-05	0.242847
cg17785041	PSAPL1;SORCS2	0.0418508	0.357168	0.519361	-1.92544	0.420802	1.76648	1.76648	0.23725	0.424589
cg11931750	PSAPL1;SORCS2;PSAPL1	0.000367866	0.383233	0.79887	-1.25177	0.00194141	3.00731	3.00731	0.753227	0.923849
cg13740985	PSAT1;PSAT1	0.00189813	0.00849603	0.496869	-2.0126	0.249181	0.77819	-1.28503	0.627623	0.903228
cg13828183	PSAT1;PSAT1	0.00868137	0.623146	0.935345	-1.06912	0.268251	1.16838	1.16838	0.228534	1.18596
cg15289658	PSAT1;PSAT1;PSAT1;PSAT1	0.0439012	0.892374	1.03261	1.03261	0.252469	1.32758	1.32758	0.223406	1.35423
cg21188989	PSAT1;PSAT1;PSAT1;PSAT1	0.0468952	0.00377387	0.530618	-1.88459	0.324368	0.847883	-1.17941	0.288096	1.1958
cg22815528	PSCA	9.59E-05	0.550138	0.92608	-1.07982	0.0393918	0.738816	-1.35352	1.15E-05	0.306839
cg00014754	PSCA	0.00464004	0.0112145	0.440107	-2.27217	0.000452011	0.239762	-4.17081	0.00641087	0.400114
cg00585116	PSCA	0.0067011	0.17302	0.600673	-1.6648	0.00448845	0.264007	-3.78778	0.00337616	0.246258
cg07168939	PSCA	0.0201827	0.0132854	0.426269	-2.34594	0.446918	0.806181	-1.24042	0.00416548	0.343954
cg25875163	PSCA	0.0416176	0.725641	0.915398	-1.09242	0.476252	0.833826	-1.19929	0.00489349	0.39233
cg14562559	PSD	0.00077491	0.000929405	0.42651	-2.34461	0.0757168	0.711229	-1.40602	0.125568	0.751452
cg09599130	PSD	0.0093138	0.0248018	5.06801	5.06801	0.442717	1.60867	1.60867	0.179706	2.37634
cg14581419	PSD	0.0166499	0.0105105	0.43868	-2.27956	0.00649217	0.404368	-2.47299	0.234018	1.37614
cg23967554	PSD	0.0196873	0.0213884	8.1304	8.1304	0.173615	2.99588	2.99588	0.0631476	4.87459
cg06075754	PSD	0.0236293	0.0820415	0.419814	-2.38201	0.0218721	0.289613	-3.45289	0.580677	1.28575
cg01344797	PSD	0.0411428	0.114376	0.438129	-2.28244	0.284519	0.58611	-1.70616	0.0483763	2.95624
cg08682153	PSD2	0.00484102	0.000798126	0.236475	-4.22877	0.654946	0.879779	-1.13665	0.00356165	0.324822
cg03811629	PSD2	0.0112507	0.031196	0.425247	-2.35157	0.00348637	0.261687	-3.82136	0.0563187	0.481481
cg17294237	PSD3	0.000162147	0.0493761	1.41211	1.41211	0.390832	0.873471	-1.14486	0.193882	1.23552
cg24804106	PSD3	0.000583827	0.00141993	0.210651	-4.7472	0.0977113	1.84582	1.84582	0.0179281	0.378936
cg01573321	PSD3	0.000624613	0.416644	0.810785	-1.23337	0.0281739	1.92501	1.92501	0.0321592	1.88525
cg24056567	PSD3	0.00103687	0.00232061	0.385942	-2.59106	0.0137564	0.505787	-1.97712	0.00437628	0.426644
cg17133833	PSD3	0.00530927	0.297997	0.658623	-1.51832	0.559749	0.795897	-1.25644	0.0173346	0.325702
cg05063395	PSD3	0.00612668	?	?	?	0.373399	1.66687	1.66687	0.659212	1.28071
cg13579473	PSD3	0.00859597	0.52294	0.912751	-1.09559	0.0806969	1.31408	1.31408	0.390074	0.883216
cg14752877	PSD3	0.0102928	0.210034	0.765885	-1.30568	0.00467015	2.13712	2.13712	0.0880026	0.683755
cg14860917	PSD3	0.0217443	0.140072	1.68872	1.68872	0.344201	1.37931	1.37931	0.328829	1.39464

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09958192	PSKH1	0.0473192	0.127605	0.567962	-1.76068	0.544763	1.23427	1.23427	0.447952	0.766774	-1.30416	0.728635	1.12704	1.12704	0.181236	0.614228	-1.62806	0.0166498	0.366439	-2.72897	0.00545273	0.284997	-3.50881	0.0362141	0.433312	-2.30781	0.114241	0.554362	-1.80388	3.45958	6.46058	1.65996	1
cg05930091	PSKH2	0.00036158	0.0786482	0.749678	-1.33391	0.000624285	0.460169	-2.17311	3.49E-05	0.307374	-3.25337	0.101423	0.767552	-1.30284	7.19E-05	0.344143	-2.90577	0.0715883	0.743212	-1.34551	0.192111	0.815732	-1.22589	0.326936	1.161	1.161	0.0101455	0.619812	-1.61339	15.6288	5.38601	0.30633	1
cg04904932	PSKH2	0.00956191	0.010618	0.666621	-1.5001	0.063431	0.768406	-1.30139	0.0243505	0.712709	-1.4031	0.128926	1.2301	1.2301	0.00707865	0.644528	-1.55152	0.0377968	0.737837	-1.35531	0.0258365	1.39653	1.39653	0.501383	1.08994	1.08994	0.282905	0.868643	-1.15122	5.99577	1.5127	0.224261	1
cg00001099	PSKH2	0.0137962	0.0883399	2.24037	2.24037	0.00201663	6.48023	6.48023	0.796152	1.11746	1.11746	0.207359	1.76893	1.76893	0.038448	2.79771	2.79771	0.0275535	3.05844	3.05844	0.00876171	4.18829	4.18829	0.00405602	5.23433	5.23433	0.0450258	2.6824	2.6824	5.32548	15.5214	2.59071	1
cg22106623	PSKH2	0.0176071	0.0124985	1.46999	1.46999	0.706439	0.954172	-1.04803	0.0124654	1.4703	1.4703	0.343983	0.886161	-1.12846	0.731526	0.9582	-1.04362	0.543617	1.0792	1.0792	0.00271377	1.67104	1.67104	0.0305696	1.37031	1.37031	0.107453	1.24336	1.24336	4.91141	1.19563	0.216391	1
cg17788832	PSKH2	0.0274224	0.0223544	3.12727	3.12727	0.108991	2.0711	2.0711	0.0131014	3.60289	3.60289	0.815682	1.10215	1.10215	0.0116699	3.71676	3.71676	0.474339	1.35402	1.35402	0.25485	1.64085	1.64085	0.00618305	4.42544	4.42544	0.0191805	3.25574	3.25574	4.21861	11.5929	2.44271	1
cg15541630	PSKH2	0.0344266	0.0250891	10.1405	10.1405	0.0122061	15.1007	15.1007	0.0699207	5.82302	5.82302	0.11699	4.39483	4.39483	0.177746	3.47334	3.47334	0.260385	2.77476	2.77476	0.136856	4.02753	4.02753	0.00483373	25.7757	25.7757	0.0145306	13.6982	13.6982	3.8903	46.5667	10.64	1
cg01638770	PSKH2	0.0497918	0.746279	0.939728	-1.06414	0.156923	0.748344	-1.33628	0.212924	0.777878	-1.28555	0.771178	1.05743	1.05743	0.706578	0.930142	-1.0751	0.0709995	1.47143	1.47143	0.246104	1.26147	1.26147	0.141578	1.35347	1.35347	0.00510928	0.492395	-2.03089	3.39351	1.97069	0.516198	1
cg04446326	PSMA1	0.00646422	0.00912414	1.86424	1.86424	0.00328123	0.470741	-2.12431	0.00290405	0.463153	-2.15911	0.128038	1.3626	1.3626	0.287301	1.23092	1.23092	0.160182	1.326	1.326	0.495751	0.878036	-1.13891	0.648482	1.09014	1.09014	0.302433	0.818003	-1.22249	6.78098	3.79779	0.497836	1
cg26868250	PSMA1	0.0108684	0.0344019	1.28831	1.28831	0.0385008	0.781814	-1.27908	0.0988309	0.830433	-1.20419	0.0679661	0.810681	-1.23353	0.110966	0.836703	-1.19517	0.00628767	0.693888	-1.44115	0.0337938	1.28978	1.28978	0.110841	1.19525	1.19525	0.452019	1.08184	1.08184	5.75479	0.960742	0.148397	1
cg02654360	PSMA1;PDE3B;PSMA1	0.000288735	1.86E-05	0.226268	-4.41954	0.147879	1.30301	1.30301	0.789102	0.955323	-1.04677	0.597954	1.09497	1.09497	5.70E-05	0.279803	-3.57394	0.0530585	0.687451	-1.45465	0.613879	0.916918	-1.09061	0.00816467	0.56149	-1.78098	0.203308	0.795376	-1.25727	16.6233	7.65236	0.409191	1
cg07435350	PSMA1;PSMA1;PSMA1	0.000977391	7.96E-05	0.295201	-3.38752	0.889775	1.02402	1.02402	0.00363528	0.50995	-1.96098	0.99331	1.00144	1.00144	0.00860205	0.563538	-1.7745	0.183725	0.785539	-1.27301	0.0122769	1.70543	1.70543	0.123863	1.33006	1.33006	0.0158784	0.603167	-1.65792	11.8431	5.49447	0.412392	1
cg00417576	PSMA1;PSMA1;PSMA1	0.0117179	0.872009	0.955907	-1.04613	0.00246226	0.307951	-3.24727	0.0692423	0.566372	-1.76562	0.541637	1.18863	1.18863	0.0085785	0.391521	-2.55414	0.0247059	0.473328	-2.1127	0.00297509	0.319828	-3.12668	0.89003	1.03945	1.03945	0.28073	0.730822	-1.36832	5.61664	6.95848	1.10125	1
cg20636254	PSMA1;PSMA1;PSMA1	0.0158024	0.10433	0.691454	-1.44623	0.44334	1.17634	1.17634	0.567319	1.12766	1.12766	0.903569	1.02551	1.02551	0.136281	0.716368	-1.39593	0.184572	0.746444	-1.33969	0.000279986	0.290929	-3.43726	0.633085	0.904891	-1.10511	0.818123	0.953263	-1.04903	5.09198	3.48229	0.60789	1
cg12352359	PSMA1;PSMA1;PSMA1	0.0205039	0.26574	0.703584	-1.42129	0.103589	1.71535	1.71535	0.546056	1.20346	1.20346	0.319163	0.731916	-1.36628	0.227132	0.680871	-1.46871	0.00171205	0.257379	-3.88531	0.0945057	0.572828	-1.74572	0.988545	1.00436	1.00436	0.00942467	0.368753	-2.71185	4.6649	6.78952	1.29373	1
cg01506871	PSMA1;PSMA1;PSMA1	0.0419016	0.369207	0.899619	-1.11158	0.035139	1.32513	1.32513	0.299904	1.13114	1.13114	0.615492	0.943568	-1.05981	0.379527	1.10894	1.10894	0.403628	0.906623	-1.10299	0.559645	0.934573	-1.07001	0.984621	0.997791	-1.00221	0.00190892	1.65583	1.65583	3.62047	0.754421	0.185224	1
cg26790547	PSMA1;PSMA1;PSMA1	0.0441098	0.661371	1.11226	1.11226	0.380591	1.24246	1.24246	0.612988	0.884159	-1.13102	0.586763	0.875927	-1.14165	0.0178335	2.00404	2.00404	0.655264	1.11457	1.11457	0.00346826	0.38377	-2.60573	0.293397	0.768676	-1.30094	0.622131	0.887003	-1.12739	3.55196	3.27764	0.820239	1
cg21888241	PSMA1;PSMA1;PSMA1;PSMA1;PSMA1	0.0462617	0.605452	0.895471	-1.11673	0.938383	0.983753	-1.01651	0.0171593	0.540445	-1.85033	0.999773	0.99994	-1.00006	0.09626	1.47249	1.47249	0.00537017	0.459918	-2.1743	0.316154	1.24554	1.24554	0.649967	1.10163	1.10163	0.307526	0.799478	-1.25082	3.48914	2.48054	0.631938	1
cg15202134	PSMA2	0.00194755	0.000368296	0.543685	-1.8393	0.15058	0.848207	-1.17896	0.658156	1.04873	1.04873	0.00193122	0.625709	-1.59819	0.413374	0.914522	-1.09347	0.265715	1.13193	1.13193	0.00707672	1.45045	1.45045	0.0320071	1.30794	1.30794	0.654746	1.04927	1.04927	9.7168	1.75704	0.160734	1
cg10778455	PSMA2	0.0199942	0.0319286	2.02284	2.02284	0.281104	1.36881	1.36881	0.135224	0.636831	-1.57028	0.953148	0.983669	-1.0166	0.009786	0.400376	-2.49765	0.260459	1.38948	1.38948	0.00495211	0.352455	-2.83724	0.626085	1.14753	1.14753	0.83137	1.06158	1.06158	4.70503	5.85222	1.10562	1
cg03324947	PSMA2;PSMA2;MRPL32	0.000381644	6.49E-06	0.110974	-9.0111	0.0638682	1.57749	1.57749	0.0784818	1.53376	1.53376	0.194292	1.35055	1.35055	0.6165	1.11684	1.11684	0.879623	0.967379	-1.03372	0.0138941	0.514211	-1.94473	0.766485	0.936904	-1.06735	0.566946	0.88104	-1.13502	15.3982	11.6795	0.674216	1
cg12533010	PSMA3;PSMA3	0.000378741	0.00372211	0.510788	-1.95776	0.00430319	0.519679	-1.92427	0.286809	0.827259	-1.20881	0.011015	1.72771	1.72771	0.000156403	0.329708	-3.03299	0.00219053	2.0887	2.0887	0.0173364	1.64355	1.64355	0.518634	0.893874	-1.11873	0.00828475	0.560583	-1.78386	15.4306	7.18406	0.413841	1
cg15104818	PSMA3;PSMA3	0.000629244	0.86282	1.05495	1.05495	0.525018	1.22045	1.22045	0.0270077	2.2476	2.2476	0.233462	0.67952	-1.47163	1.13E-05	0.0558849	-17.8939	0.223147	1.48571	1.48571	0.285338	1.40947	1.40947	0.0956904	1.76126	1.76126	0.610612	1.17214	1.17214	13.4046	20.3083	1.34668	1
cg04864640	PSMA3;PSMA3	0.00164541	0.736557	0.939526	-1.06437	0.743878	1.06244	1.06244	0.0196499	1.68323	1.68323	0.00651997	0.52043	-1.92149	0.411193	1.16795	1.16795	4.48E-05	0.239924	-4.16798	0.25367	0.802331	-1.24637	0.564861	0.898068	-1.1135	0.597631	0.906282	-1.10341	10.2036	5.51582	0.48051	1
cg16082737	PSMA3;PSMA3	0.00517892	0.0702248	1.28207	1.28207	0.754077	0.962152	-1.03934	0.00439503	1.59507	1.59507	0.177551	0.838677	-1.19235	0.11432	1.23476	1.23476	0.0283688	1.37397	1.37397	0.00138844	1.76643	1.76643	0.616333	0.939861	-1.06399	0.0177577	0.701931	-1.42464	7.26017	1.73324	0.212207	1
cg15427941	PSMA3;PSMA3	0.00692948	0.760266	0.953139	-1.04917	0.00207406	0.506648	-1.97376	0.00396287	1.83608	1.83608	0.0310489	0.672353	-1.48731	0.0205355	1.54905	1.54905	0.221018	1.22355	1.22355	0.387895	1.14888	1.14888	0.812257	1.03802	1.03802	0.81543	0.963995	-1.03735	6.63603	2.58476	0.346226	1
cg17351384	PSMA3;PSMA3	0.0165178	0.0541639	0.557923	-1.79236	0.132459	0.648236	-1.54265	0.965085	1.01176	1.01176	0.501976	1.19955	1.19955	0.549994	0.85087	-1.17527	0.000610546	0.24419	-4.09518	0.133055	1.54146	1.54146	0.321812	1.31429	1.31429	0.611905	1.14639	1.14639	5.01748	5.66571	1.00373	1
cg05957518	PSMA3;PSMA3	0.0280096	0.448355	0.912215	-1.09623	0.203542	1.17303	1.17303	0.548195	1.07493	1.07493	0.594451	0.9381	-1.06598	0.687679	1.04923	1.04923	0.0835949	0.796351	-1.25573	0.000799638	0.547728	-1.82572	0.791768	1.03196	1.03196	0.444818	1.09705	1.09705	4.18728	0.937737	0.199066	1
cg26578274	PSMA4;PSMA4;PSMA4	0.016683	0.115215	0.563631	-1.77421	0.00556611	0.295476	-3.38437	0.0453828	0.463755	-2.15631	0.358403	0.728934	-1.37187	0.0311793	0.428882	-2.33164	0.855813	0.940923	-1.06279	0.00898149	0.328794	-3.04142	0.0178468	0.381363	-2.62218	0.003637	0.267892	-3.73285	5.00085	8.87691	1.57785	1
cg07383950	PSMA4;PSMA4;PSMA4	0.0200185	0.138604	1.45308	1.45308	0.486534	1.18023	1.18023	0.114296	1.49571	1.49571	0.00154105	2.90886	2.90886	0.117956	1.4887	1.4887	0.35096	1.25233	1.25233	0.0234553	0.530222	-1.886	0.935536	1.01914	1.01914	0.31418	0.783514	-1.2763	4.70309	4.09196	0.773385	1
cg13782957	PSMA4;PSMA4;PSMA4	0.0381094	0.767129	1.05019	1.05019	0.0774496	1.38216	1.38216	0.0522397	1.43916	1.43916	0.327226	0.846393	-1.18148	0.749981	0.948647	-1.05413	0.665839	1.07427	1.07427	0.0027506	0.505959	-1.97645	0.311594	1.18841	1.18841	0.632288	0.923582	-1.08274	3.74919	1.61451	0.382782	1
cg04140906	PSMA4;PSMA4;PSMA4	0.0428544	0.282014	0.762727	-1.31109	0.385939	1.24028	1.24028	0.291931	0.767265	-1.30333	0.592445	0.877297	-1.13986	0.00848714	0.44309	-2.25688	0.134688	1.47806	1.47806	0.0751103	0.618684	-1.61633	0.0103717	0.457427	-2.18614	0.385765	0.806205	-1.24038	3.59038	3.33764	0.826316	1
cg11286163	PSMA5	0.00016686	0.636106	0.935352	-1.06912	0.0240396	1.45849	1.45849	0.045907	1.37828	1.37828	0.0181771	0.668889	-1.49502	0.701434	0.947417	-1.0555	0.575512	1.08256	1.08256	2.50E-06	0.202269	-4.94391	0.341463	0.871579	-1.14734	0.115799	0.786867	-1.27086	19.2943	6.00833	0.276803	1
cg20827193	PSMA5	0.0045218	0.0767144	0.836906	-1.19488	0.400625	1.08091	1.08091	0.0109608	1.3347	1.3347	0.203115	0.88559	-1.12919	0.00308221	0.693266	-1.44245	0.260675	0.899338	-1.11193	0.056736	0.822808	-1.21535	0.00146549	0.66007	-1.51499	0.136177	1.15629	1.15629	7.56661	0.980128	0.115141	1
ch.1.2582316R	PSMA5	0.0166461	0.0307114	0.498991	-2.00404	0.000272985	0.195249	-5.12166	0.1552	0.65928	-1.51681	0.174185	0.673061	-1.48575	0.351076	0.76885	-1.30064	0.331449	0.759995	-1.3158	0.215175	0.699541	-1.42951	0.722574	0.906982	-1.10256	0.772904	1.08247	1.08247	5.00454	5.94564	1.05604	1
cg26662579	PSMA5	0.020492	0.227769	0.503031	-1.98795	?	?	?	?	?	?	0.00629036	0.0792283	-12.6218	?	?	?	?	?	?	?	?	?	?	?	?	0.242225	1.93861	1.93861	11.1875	13.5687	1.61713	1
cg08250978	PSMA5	0.0456533	0.650172	0.954668	-1.04748	0.015242	1.35363	1.35363	0.00536056	1.45153	1.45153	0.639681	1.04908	1.04908	0.995802	0.999466	-1.00053	0.636587	1.04955	1.04955	0.0110218	1.38266	1.38266	0.321557	1.10966	1.10966	0.66564	1.04517	1.04517	3.50653	0.573372	0.145347	1
cg23637943	PSMA5	0.0458273	0.777225	0.950682	-1.05188	0.790346	1.04866	1.04866	0.775274	1.05236	1.05236	0.0485188	0.669093	-1.49456	0.176514	1.29198	1.29198	0.423672	0.864422	-1.15684	0.0102648	0.561688	-1.78035	0.630634	1.09022	1.09022	0.0193934	1.65535	1.65535	3.50153	1.76294	0.447534	1
cg05134232	PSMA5;PSMA5	0.0270841	0.223722	1.27366	1.27366	0.460928	0.867579	-1.15263	0.00732095	0.519796	-1.92383	0.911351	0.979145	-1.0213	0.877615	1.02959	1.02959	0.642982	0.915455	-1.09235	0.00196646	0.436985	-2.28841	0.360008	1.19493	1.19493	0.272824	0.805755	-1.24107	4.23704	2.40304	0.504135	1
cg15394648	PSMA6	0.00131605	0.0147517	1.35208	1.35208	0.0227215	0.760255	-1.31535	0.00109032	1.6232	1.6232	0.12631	1.18087	1.18087	0.703255	0.96226	-1.03922	0.690693	1.04102	1.04102	0.00134128	0.625974	-1.59751	0.0150373	0.740516	-1.35041	0.0123193	1.36791	1.36791	10.8808	1.74114	0.14224	1
cg01757308	PSMA6	0.00548557	0.528972	0.886101	-1.12854	0.00120632	0.407024	-2.45686	0.0411918	0.639828	-1.56292	0.171635	0.758888	-1.31772	0.028903	0.613613	-1.62969	0.00259294	0.453236	-2.20635	0.00108261	0.400645	-2.49598	0.141351	0.740918	-1.34968	0.0112831	0.547893	-1.82517	7.13331	4.06076	0.506015	1
cg15859632	PSMA6	0.025472	0.45323	0.878561	-1.13822	0.0347848	1.51729	1.51729	0.00161695	2.15079	2.15079	0.642663	0.92388	-1.08239	0.015689	1.65172	1.65172	0.275649	1.21187	1.21187	0.42137	0.870071	-1.14933	0.522749	1.11601	1.11601	0.517194	1.1177	1.1177	4.32895	1.96852	0.404208	1
cg04993592	PSMA6	0.0338491	0.561487	0.88821	-1.12586	0.763823	1.06274	1.06274	0.603177	1.11171	1.11171	0.0425188	0.623982	-1.60261	0.863681	1.03531	1.03531	0.00114344	0.380727	-2.62655	0.155308	0.735611	-1.35941	0.127384	0.716855	-1.39498	0.522944	1.13966	1.13966	3.91411	2.52756	0.574004	1
cg02987832	PSMA6;PSMA6	0.0301253	0.295785	1.39256	1.39256	0.739367	1.10736	1.10736	0.557007	0.834084	-1.19892	0.099126	0.575687	-1.73706	0.0936974	0.569481	-1.75598	0.0331064	2.1403	2.1403	0.00283669	3.50878	3.50878	0.927068	1.02836	1.02836	0.610115	0.854641	-1.17008	4.08078	6.02945	1.31335	1
cg17665883	PSMA7	0.0139083	0.508409	1.17735	1.17735	0.28124	1.3133	1.3133	0.000379088	3.9823	3.9823	0.0834355	1.59411	1.59411	0.598083	0.87857	-1.13821	0.21605	0.728454	-1.37277	0.330597	0.783245	-1.27674	0.0717832	1.631	1.631	0.438791	1.21189	1.21189	5.31134	4.98179	0.833736	1
cg13475699	PSMA7;PSMA7;SS18L1	0.01432	0.826425	1.10596	1.10596	0.833681	0.908077	-1.10123	?	?	?	0.00198087	0.119941	-8.3374	0.774862	1.14057	1.14057	?	?	?	?	?	?	0.015088	0.242864	-4.11753	0.135186	2.11061	2.11061	6.31525	13.7213	2.53484	1
cg04928513	PSMA7;SS18L1	0.00171117	?	?	?	0.582813	1.36617	1.36617	0.517247	1.44671	1.44671	0.841809	0.893694	-1.11895	?	?	?	0.000577665	0.0500291	-19.9884	0.0049495	8.11064	8.11064	0.0668396	3.17603	3.17603	0.00250916	10.6008	10.6008	10.6154	41.3666	4.45354	1
cg08833432	PSMA7;SS18L1	0.0344644	0.0745238	0.475751	-2.10194	0.653491	1.18407	1.18407	0.923171	1.03673	1.03673	0.905293	1.04551	1.04551	0.0133666	0.318008	-3.14457	0.54509	0.795334	-1.25733	0.00469449	0.245364	-4.07558	0.0121863	0.311001	-3.21542	0.673865	0.853625	-1.17147	3.88875	8.61011	1.96809	1
cg16558723	PSMA8;PSMA8;PSMA8	2.08E-06	5.63E-06	0.296286	-3.37512	0.000100351	0.440669	-2.26928	3.73E-05	0.390035	-2.56387	0.210264	0.854831	-1.16982	1.87E-06	0.245019	-4.08132	1.43E-05	0.341732	-2.92627	2.16E-07	0.155518	-6.43014	4.44E-05	0.398944	-2.50662	4.24E-05	0.396574	-2.5216	60.813	13.5944	0.198706	1
cg00262344	PSMA8;PSMA8;PSMA8	0.00105048	0.00106763	2.65472	2.65472	0.014272	1.84081	1.84081	0.0715174	1.50134	1.50134	0.0440393	1.59554	1.59554	0.0227976	1.73357	1.73357	0.0254332	0.584901	-1.70969	0.000193103	3.55097	3.55097	0.0018653	2.43801	2.43801	0.00792989	1.98866	1.98866	11.6032	7.49236	0.573967	1
cg03162994	PSMA8;PSMA8;PSMA8	0.0191865	0.050911	2.0639	2.0639	0.178981	1.59229	1.59229	0.150006	1.65338	1.65338	0.202064	1.55097	1.55097	0.500874	0.800425	-1.24934	0.104843	0.561288	-1.78162	0.00306882	3.74672	3.74672	0.0098082	2.89729	2.89729	0.0570188	2.01712	2.01712	4.77127	8.02249	1.49459	1
cg22027766	PSMA8;PSMA8;PSMA8;PSMA8;PSMA8; PSMA8	0.00543593	0.0882425	2.24357	2.24357	0.000520461	10.2224	10.2224	0.0103629	4.00314	4.00314	0.259826	1.65689	1.65689	0.0249403	3.14649	3.14649	0.167794	0.531773	-1.8805	0.0062069	4.63112	4.63112	0.00973707	4.0737	4.0737	0.239387	1.69768	1.69768	7.15324	20.9068	2.59796	1
cg15865827	PSMA8;PSMA8;PSMA8;PSMA8;PSMA8; PSMA8	0.0104996	0.0728226	2.44278	2.44278	0.00599455	4.96741	4.96741	0.243418	1.72415	1.72415	0.599821	1.26652	1.26652	0.0155826	3.75713	3.75713	0.236684	1.73904	1.73904	0.00158171	7.57193	7.57193	0.00202931	6.97363	6.97363	0.102244	2.22137	2.22137	5.81901	18.3565	2.80407	1
cg09826652	PSMB1	5.25E-05	0.450357	1.12926	1.12926	0.00277173	1.9197	1.9197	9.80E-05	0.334915	-2.98583	6.19E-06	0.202347	-4.94201	0.0606628	1.39693	1.39693	0.0006563	0.438148	-2.28233	0.280581	1.19395	1.19395	0.279364	1.19453	1.19453	0.0581188	1.40282	1.40282	26.2851	10.3993	0.351675	1
cg09848943	PSMB1	9.71E-05	0.962296	0.997312	-1.0027	0.331183	1.05875	1.05875	2.41E-05	1.61468	1.61468	0.000589329	1.35295	1.35295	1.19E-05	1.69401	1.69401	0.183059	1.08377	1.08377	0.00273792	1.26548	1.26548	0.205422	1.07904	1.07904	0.000185784	1.43244	1.43244	22.3161	1.14591	0.0456436	1
cg04116093	PSMB1	0.000230529	0.000101297	0.153708	-6.50586	0.00157297	0.291025	-3.43613	0.00215827	0.310106	-3.22471	0.00933719	2.45066	2.45066	0.280595	0.737189	-1.3565	0.252332	0.722468	-1.38414	0.00010381	0.154715	-6.46349	0.101658	1.62771	1.62771	0.00374533	0.345049	-2.89814	17.6759	20.6914	1.04053	1
cg08627380	PSMB1	0.00269806	0.0057529	0.430386	-2.3235	0.334989	0.793263	-1.26062	0.316573	0.785699	-1.27275	0.905723	1.02798	1.02798	0.00974341	0.466964	-2.14149	0.000362121	0.263992	-3.78799	0.00132018	0.336765	-2.96943	0.405305	1.21936	1.21936	0.0061679	0.435121	-2.29821	8.83127	7.58909	0.76386	1
cg26224077	PSMB1	0.0194183	0.0255305	0.242956	-4.11597	0.00947917	0.173322	-5.7696	0.0275065	0.24908	-4.01477	0.292791	1.78944	1.78944	0.0260207	0.244505	-4.08989	0.303754	0.566711	-1.76457	0.024704	0.240297	-4.16151	0.0903066	2.70521	2.70521	0.451361	0.664227	-1.50551	4.75191	21.3939	4.00193	1
cg21445230	PSMB10	0.0387115	0.431687	1.29507	1.29507	0.475471	1.2634	1.2634	0.00464033	3.36459	3.36459	0.0149028	2.62422	2.62422	0.0748859	1.89491	1.89491	0.389344	0.752596	-1.32873	0.336719	0.726777	-1.37594	0.246821	1.47725	1.47725	0.0589749	1.98793	1.98793	3.72773	6.12893	1.46146	1
cg19630520	PSMB11	0.00124532	0.58939	0.856987	-1.16688	0.0145607	2.34508	2.34508	0.323059	1.33522	1.33522	0.831998	0.941605	-1.06202	1.95E-05	0.0859407	-11.6359	0.750587	0.913636	-1.09453	0.811792	1.0699	1.0699	0.464857	0.810031	-1.23452	0.44479	0.80201	-1.24687	11.0541	14.0446	1.12936	1
cg20576264	PSMB11	0.00183444	0.98909	0.996716	-1.00329	0.00621451	2.35857	2.35857	0.0871478	0.634865	-1.57514	0.296388	0.770722	-1.29748	0.000143471	0.206769	-4.83633	0.246955	1.33803	1.33803	0.00614274	2.36301	2.36301	0.834329	0.950871	-1.05167	0.373023	0.802541	-1.24604	9.88727	9.05992	0.814508	1
cg09857247	PSMB11	0.011909	0.0354534	0.510144	-1.96023	0.000663727	0.23869	-4.18953	0.0828691	0.589862	-1.69531	0.627638	0.874281	-1.1438	0.00508059	0.361307	-2.76773	0.0883459	0.596403	-1.67672	0.0149702	0.439437	-2.27564	0.27943	0.734121	-1.36217	0.0557788	0.55119	-1.81426	5.58728	6.68558	1.06362	1
cg00637824	PSMB11	0.0140041	0.345156	0.661859	-1.5109	0.763714	1.13651	1.13651	0.739141	0.867754	-1.1524	0.243203	1.67924	1.67924	0.00344192	0.185188	-5.39993	0.0445401	2.66224	2.66224	0.00360844	5.32461	5.32461	0.298775	0.633096	-1.57954	0.971438	0.984918	-1.01531	5.29938	15.1214	2.53637	1
cg14291751	PSMB11	0.014857	0.696117	1.08302	1.08302	0.0119301	1.89174	1.89174	0.673177	1.09002	1.09002	0.40447	0.840866	-1.18925	0.162902	1.35344	1.35344	0.0349676	0.606963	-1.64755	0.00449465	0.463199	-2.1589	0.0644025	1.52528	1.52528	0.207513	0.763335	-1.31004	5.19712	3.39822	0.581214	1
cg22921703	PSMB11	0.023195	0.0526919	0.700832	-1.42688	0.956638	0.991262	-1.00881	0.12215	1.3105	1.3105	0.170969	1.26528	1.26528	0.386231	0.866439	-1.15415	0.0233396	1.54868	1.54868	0.00204886	2.01624	2.01624	0.957853	0.991506	-1.00857	0.935894	1.01307	1.01307	4.47182	1.84499	0.366739	1
cg17436327	PSMB1;TBP	0.0013745	0.00119619	0.110633	-9.03889	0.0341377	2.62136	2.62136	0.0493875	2.36364	2.36364	?	?	?	0.00060847	0.0781549	-12.7951	?	?	?	?	?	?	?	?	?	0.545994	1.24079	1.24079	26.025	25.7914	0.991024	1
cg19363439	PSMB1;TBP	0.00537275	0.460136	0.935054	-1.06946	0.351014	1.08949	1.08949	0.00317586	1.43308	1.43308	0.0178592	0.773305	-1.29315	0.458131	0.934763	-1.06979	0.205107	0.88747	-1.1268	0.0016045	1.49794	1.49794	0.110348	1.1681	1.1681	0.0316379	1.25231	1.25231	7.17893	0.906557	0.112249	1
cg25135198	PSMB1;TBP	0.0151761	0.000880924	0.192301	-5.20019	0.589704	1.19726	1.19726	0.7779	1.09802	1.09802	0.450093	0.775307	-1.28981	0.223764	0.655296	-1.52603	0.972692	0.988744	-1.01138	0.167669	1.62631	1.62631	0.0703535	1.95208	1.95208	0.0409691	2.18152	2.18152	5.16073	8.9381	1.53951	1
cg08974500	PSMB1;TBP	0.0164852	0.719137	0.941543	-1.06209	0.00115205	2.2183	2.2183	0.0151641	1.64479	1.64479	0.120988	0.755426	-1.32376	0.450351	1.13689	1.13689	0.654199	1.07811	1.07811	0.0839627	0.726903	-1.3757	0.897956	1.02163	1.02163	0.612574	0.918347	-1.08891	5.02078	2.2124	0.391687	1
cg11593588	PSMB1;TBP	0.0209486	0.395682	0.731613	-1.36684	0.267057	1.51499	1.51499	0.568555	1.23003	1.23003	0.664899	1.16949	1.16949	0.000924907	0.16908	-5.91436	0.0473443	0.442572	-2.25952	0.560641	1.23539	1.23539	0.432318	1.33363	1.33363	0.141939	1.76346	1.76346	4.6309	9.46644	1.81706	1
cg12175382	PSMB1;TBP	0.0493288	0.813559	0.967794	-1.03328	0.0269671	1.43758	1.43758	0.344815	1.14434	1.14434	0.834785	0.971475	-1.02936	0.0449749	0.727009	-1.3755	0.12115	0.792251	-1.26223	0.011379	1.55114	1.55114	0.569138	1.083	1.083	0.757684	1.04381	1.04381	3.40557	1.03561	0.270304	1
cg07052986	PSMB1;TBP;TBP	0.0202518	0.00154817	0.453416	-2.20548	0.630422	0.919218	-1.08788	0.692069	0.933172	-1.07161	0.121626	1.33854	1.33854	0.760908	0.948354	-1.05446	0.795094	0.955787	-1.04626	0.00341815	0.500993	-1.99604	0.485579	0.884156	-1.13102	0.632918	0.919792	-1.0872	4.68459	2.23987	0.425009	1
cg18323922	PSMB2	0.00167784	0.0040143	0.16546	-6.04375	0.00117202	9.97662	9.97662	0.0146083	3.85945	3.85945	0.0023894	0.135316	-7.39012	0.0240134	0.303075	-3.29951	?	?	?	0.873506	0.936024	-1.06835	0.460189	0.730558	-1.36882	?	?	?	16.1534	32.6115	1.73045	1
cg12413579	PSMB2	0.00746489	0.0140892	0.29185	-3.42642	0.0208093	0.322802	-3.09788	0.0214453	0.325302	-3.07406	0.410732	0.710451	-1.40756	0.0304997	0.355848	-2.81019	0.0218455	0.326847	-3.05954	0.000851989	0.130437	-7.66652	0.00298113	0.190932	-5.23746	0.0232991	0.332276	-3.00955	6.48353	16.9591	2.32509	1
cg24109894	PSMB2	0.0094409	0.00779684	0.161699	-6.18432	0.00629276	0.149823	-6.67453	0.0634843	0.328558	-3.04361	0.183183	0.470801	-2.12404	0.00354569	0.121469	-8.23255	0.0308239	0.258559	-3.86759	0.0047617	0.135446	-7.383	0.00548109	0.142555	-7.01482	0.0502729	0.304107	-3.28832	6.02015	27.1271	4.00538	1
cg21680327	PSMB2	0.0158797	0.0548408	0.341558	-2.92776	0.0178224	0.241504	-4.14073	0.132049	0.4485	-2.22965	0.38246	0.642858	-1.55555	0.00883081	0.193114	-5.17829	0.0116619	0.211198	-4.7349	0.00462781	0.155903	-6.41425	0.00740596	0.182342	-5.48421	0.0281425	0.278322	-3.59297	5.08374	19.5925	3.42574	1
cg01828530	PSMB2	0.0210064	0.129384	0.643335	-1.5544	0.0045662	0.361796	-2.76399	0.794149	0.932029	-1.07293	0.816174	0.939239	-1.06469	0.405242	0.795144	-1.25763	0.00842957	0.404284	-2.47351	0.108772	0.624465	-1.60137	0.762094	0.921518	-1.08517	0.00239767	0.32021	-3.12295	4.62654	5.30975	1.02015	1
cg24838391	PSMB2	0.0259391	0.14575	0.698647	-1.43134	0.0732241	1.58201	1.58201	0.00771967	2.19418	2.19418	0.163197	0.710545	-1.40737	0.418206	1.20917	1.20917	0.284643	0.774772	-1.2907	0.0133447	0.494711	-2.02138	0.409181	1.21387	1.21387	0.544213	0.868546	-1.15135	4.30159	3.59153	0.742161	1
cg06027620	PSMB3	0.0125674	0.0418441	0.332283	-3.00949	0.0119178	0.229004	-4.36673	0.470206	0.708169	-1.41209	0.134333	2.13471	2.13471	0.0317469	0.306517	-3.26246	0.00620589	0.187115	-5.34429	0.00795532	0.202259	-4.94415	0.012783	0.233923	-4.2749	0.118581	0.45121	-2.21626	5.49042	19.1848	3.10599	1
cg07456797	PSMB3	0.0185429	0.0159023	0.695595	-1.43762	0.396066	1.11275	1.11275	0.519913	0.922947	-1.08349	0.0980069	1.24996	1.24996	0.127026	0.816384	-1.22491	0.00271782	0.601126	-1.66354	0.481236	1.09199	1.09199	0.838753	1.02536	1.02536	0.0753648	1.27554	1.27554	4.82658	1.1551	0.212729	1
cg26820199	PSMB4	6.23E-05	0.00103259	3.52691	3.52691	0.0164195	2.01817	2.01817	0.00134253	3.31458	3.31458	2.13E-05	12.5963	12.5963	0.000985607	3.56685	3.56685	1.06E-05	17.4049	17.4049	?	?	?	0.00129585	0.299222	-3.342	0.0311644	1.81466	1.81466	50.0465	33.026	0.494929	1
cg10377191	PSMB4	0.000146945	0.785305	1.02947	1.02947	2.18E-06	3.43609	3.43609	0.122455	1.19488	1.19488	0.612599	0.947131	-1.05582	0.103752	1.20834	1.20834	0.718873	0.962278	-1.0392	0.00589417	0.681633	-1.46706	0.231164	0.874936	-1.14294	0.0836008	1.22593	1.22593	19.9673	3.57844	0.159302	1
cg23106844	PSMB4	0.00151982	0.00208263	0.202652	-4.93456	0.0526013	0.444038	-2.25206	0.0370796	0.409889	-2.43969	0.248633	0.641273	-1.5594	0.000289802	0.113282	-8.82749	0.00290693	0.221416	-4.51639	0.000676265	0.147399	-6.78433	0.00668586	0.273569	-3.65539	0.00211766	0.203564	-4.91247	10.4401	22.4434	1.91088	1
cg25306093	PSMB4	0.00218268	0.620925	1.08192	1.08192	0.0438184	1.44188	1.44188	0.0554192	1.40905	1.40905	0.0337003	1.47954	1.47954	0.125167	0.769398	-1.29972	0.00102035	0.463359	-2.15815	0.0324723	1.48496	1.48496	0.608568	1.085	1.085	0.00127908	0.476273	-2.09964	9.399	3.71331	0.351178	1
cg22736107	PSMB4	0.00578666	0.162977	0.858714	-1.16453	0.126999	1.1839	1.1839	0.0728514	1.22711	1.22711	0.496672	0.931844	-1.07314	0.00617415	0.693974	-1.44098	0.013163	1.36946	1.36946	0.0451487	0.7905	-1.26502	0.00396051	0.67277	-1.48639	0.161923	1.16504	1.16504	7.01706	1.16266	0.14728	1
cg04396915	PSMB4	0.0353279	0.00511575	0.405527	-2.46593	0.505131	0.84789	-1.1794	0.0657479	0.604205	-1.65507	0.741296	0.922343	-1.0842	0.00440576	0.395523	-2.5283	0.0298618	0.536016	-1.86562	0.377092	0.801595	-1.24751	0.941034	1.01821	1.01821	0.153948	0.689053	-1.45127	3.8541	3.63417	0.838166	1
cg27105446	PSMB5;PSMB5;PSMB5	0.000293555	0.00176271	3.33034	3.33034	0.00593032	0.378413	-2.64261	0.00897019	0.407634	-2.45318	0.00157325	3.40737	3.40737	0.00336196	0.340524	-2.93665	0.119785	1.57737	1.57737	0.00163806	0.295881	-3.37973	0.00149946	3.44068	3.44068	0.245458	1.38823	1.38823	16.5482	19.1095	1.02647	1
cg19543484	PSMB5;PSMB5;PSMB5	0.0219288	0.695341	1.19217	1.19217	0.0037411	0.17405	-5.74549	0.100207	0.447361	-2.23533	0.328642	1.56879	1.56879	0.0272456	0.311291	-3.21243	0.330035	0.638312	-1.56663	0.00353782	0.171041	-5.84654	0.368801	0.662152	-1.51023	0.834283	0.910677	-1.09808	4.55901	14.403	2.80821	1
cg13014394	PSMB5;PSMB5;PSMB5	0.027027	0.0905246	0.285279	-3.50534	0.00542333	0.0853503	-11.7164	0.295574	0.482164	-2.07398	0.281658	0.471197	-2.12225	0.0130296	0.12596	-7.93901	0.319409	0.500574	-1.99771	0.00392246	0.0734897	-13.6073	0.834052	1.15153	1.15153	0.0569675	0.234885	-4.25741	4.24018	30.3741	6.36746	1
cg10204652	PSMB5;PSMB5;PSMB5	0.0288028	0.914149	0.982817	-1.01748	0.0343639	1.48687	1.48687	0.00142722	0.476419	-2.09899	0.754092	0.95075	-1.0518	0.992432	1.00153	1.00153	0.0827741	0.73435	-1.36175	0.596303	1.08972	1.08972	0.573588	0.912659	-1.0957	0.224741	0.81469	-1.22746	4.14622	1.69624	0.363649	1
cg09353400	PSMB5;PSMB5;PSMB5;PSMB5	0.0461836	0.0921393	0.728574	-1.37254	0.688237	1.07133	1.07133	0.0361576	1.51614	1.51614	0.134463	1.3174	1.3174	0.0530532	0.686957	-1.4557	0.0138854	0.594992	-1.6807	0.636621	1.08468	1.08468	0.532085	0.897535	-1.11416	0.779688	1.04907	1.04907	3.49136	1.61329	0.410739	1
cg14716933	PSMB6	0.000328335	0.240616	0.870843	-1.14831	0.335719	0.894274	-1.11823	0.00502525	0.65852	-1.51856	0.0872907	1.23678	1.23678	1.09E-05	0.348105	-2.87269	0.0220302	1.36227	1.36227	0.0143324	1.40479	1.40479	0.131057	0.832332	-1.20144	0.892618	0.984911	-1.01532	16.0483	3.22073	0.178391	1
cg04107707	PSMB6	0.0004852	0.584879	1.08298	1.08298	0.0295683	0.690598	-1.44802	0.0291324	0.689673	-1.44996	0.0653697	0.741629	-1.34838	2.64E-05	0.300844	-3.32398	0.0894362	0.76292	-1.31075	0.000751441	2.09322	2.09322	0.730021	1.05133	1.05133	0.870636	1.02383	1.02383	14.4101	4.76566	0.293971	1
cg17255878	PSMB6	0.000746937	0.439021	1.08204	1.08204	0.683177	0.959838	-1.04184	0.000518059	0.582204	-1.71761	0.413316	1.08713	1.08713	0.83738	0.97968	-1.02074	0.0703355	0.817035	-1.22394	2.17E-05	0.426189	-2.34637	0.409948	1.08782	1.08782	0.85668	0.982103	-1.01822	12.7762	2.01917	0.140481	1
cg20693880	PSMB6;PSMB6	0.0411298	0.00771791	0.475294	-2.10396	0.369671	1.22167	1.22167	0.0438021	0.604354	-1.65466	0.0264483	0.564447	-1.77165	0.349066	1.23306	1.23306	0.104926	0.680388	-1.46975	0.753146	1.07097	1.07097	0.302507	1.26128	1.26128	0.836848	1.04583	1.04583	3.64548	2.7269	0.664909	1
cg13403636	PSMB7	8.92E-05	0.014567	0.65238	-1.53285	0.412902	1.12618	1.12618	0.862661	1.02488	1.02488	0.514214	0.910376	-1.09845	8.53E-07	0.155348	-6.43718	0.549074	1.08987	1.08987	0.0198463	0.670856	-1.49063	0.9147	0.984906	-1.01533	0.608605	1.07607	1.07607	22.8264	7.28473	0.283676	1
cg13484614	PSMB7	0.000101997	0.045579	1.58313	1.58313	0.627044	1.1031	1.1031	0.316064	1.23086	1.23086	0.00108428	2.62887	2.62887	1.66E-05	0.169662	-5.89406	0.224355	0.774322	-1.29145	4.00E-05	0.207485	-4.81963	0.0876848	0.685408	-1.45899	0.588706	0.896376	-1.1156	22.0238	14.0067	0.565316	1
cg14636164	PSMB7	0.00807559	0.315524	0.855184	-1.16934	0.00417575	0.560683	-1.78354	0.0225577	0.662495	-1.50944	0.0661069	1.36445	1.36445	0.0490473	1.40314	1.40314	0.330207	0.859452	-1.16353	0.00616365	1.71355	1.71355	0.962043	0.992852	-1.0072	0.17721	0.805579	-1.24134	6.3254	2.27635	0.319889	1
cg01743846	PSMB7	0.0274967	0.0200321	0.120565	-8.2943	0.00976428	0.0851445	-11.7447	0.0964905	0.252667	-3.95778	0.0710016	0.218596	-4.57464	0.00971339	0.0849255	-11.775	0.833274	1.17223	1.17223	0.0181665	0.115069	-8.69046	0.0611383	0.203778	-4.9073	0.0395582	0.166197	-6.01697	4.2146	37.9335	8.00045	1
cg14335349	PSMB7	0.041121	0.419767	0.777574	-1.28605	0.189971	1.52752	1.52752	0.0169278	2.43276	2.43276	0.967716	1.01243	1.01243	0.0699889	1.85575	1.85575	0.574047	0.840862	-1.18926	0.0667656	0.534057	-1.87246	0.22016	1.48206	1.48206	0.0302773	0.459639	-2.17562	3.64576	5.37775	1.31117	1
cg13731776	PSMB7	0.0415497	0.0671176	0.492521	-2.03037	0.36742	0.726484	-1.37649	0.0655959	0.4901	-2.0404	0.146987	0.584411	-1.71112	0.00198618	0.221506	-4.51454	0.0945696	0.530371	-1.88547	0.0587376	0.478619	-2.08935	0.281353	0.679488	-1.4717	0.0251992	0.399042	-2.506	3.6318	6.85123	1.67685	1
cg13551141	PSMB7	0.0468597	0.201333	0.58997	-1.695	0.00484311	0.231974	-4.31083	0.00883858	0.271605	-3.68181	0.808537	1.09959	1.09959	0.274712	0.641198	-1.55958	0.0643857	0.443712	-2.25371	0.0910074	0.482867	-2.07096	0.0903221	0.481971	-2.07481	0.78532	0.898731	-1.11268	3.47232	8.40975	2.15283	1
cg00987136	PSMB7;LOC100129034	0.0199224	0.546628	0.836711	-1.19516	0.0318448	2.08574	2.08574	0.516333	1.21204	1.21204	0.306909	1.36221	1.36221	0.00312363	0.306967	-3.25768	0.597883	1.1683	1.1683	0.0857694	0.574121	-1.74179	0.453606	1.24994	1.24994	0.0217831	0.447244	-2.23591	4.71078	6.37149	1.20225	1
cg03078854	PSMB8;PSMB8	4.85E-06	7.47E-05	0.459982	-2.174	0.939711	1.0082	1.0082	0.28656	1.12691	1.12691	0.387588	0.908819	-1.10033	4.32E-07	0.212923	-4.69653	0.092412	0.818769	-1.22134	6.23E-07	0.228777	-4.37107	0.0620805	0.79709	-1.25456	0.000787496	0.578186	-1.72955	48.9066	9.02837	0.164093	1
cg22714419	PSMB8;PSMB8	9.56E-05	0.0790922	0.780957	-1.28048	0.0238303	0.710345	-1.40777	0.0373951	0.736156	-1.35841	0.00515104	0.625952	-1.59757	0.112158	0.803043	-1.24526	0.349901	0.88513	-1.12978	7.15E-07	0.182303	-5.48538	0.470678	0.911139	-1.09753	0.069479	0.772987	-1.29368	22.4071	5.70681	0.226389	1
cg23750151	PSMB8;PSMB8	0.000142783	3.05E-05	0.250949	-3.98487	0.0553705	0.691782	-1.44554	0.00329594	0.506977	-1.97248	0.0730741	0.712346	-1.40381	1.23E-05	0.209213	-4.77981	0.00131604	0.452397	-2.21045	0.103592	0.739316	-1.3526	0.20792	1.25269	1.25269	0.00242386	0.48848	-2.04717	20.1224	9.17506	0.4053	1
cg19190163	PSMB8;PSMB8	0.000231144	0.0200933	0.575884	-1.73646	0.491847	1.14726	1.14726	0.0284398	0.601156	-1.66346	0.0491525	0.642813	-1.55566	0.334082	0.821979	-1.21658	0.0293114	0.603392	-1.6573	2.51E-06	0.10627	-9.40996	0.932225	0.983401	-1.01688	0.00529679	0.485184	-2.06107	17.6631	10.8322	0.545126	1
cg08675092	PSMB8;PSMB8	0.000241205	0.000181244	0.164871	-6.06534	0.00163182	0.27686	-3.61193	0.00724092	0.373042	-2.68066	0.00224493	0.295989	-3.3785	0.0383297	0.505083	-1.97987	0.00126075	0.261938	-3.81769	6.69E-05	0.12509	-7.99425	0.0390485	1.97337	1.97337	0.000774522	0.235071	-4.25404	17.4595	22.3937	1.1401	1
cg08099136	PSMB8;PSMB8	0.000531033	0.0167189	0.471398	-2.12135	0.599864	1.14601	1.14601	0.563707	0.860468	-1.16216	0.162834	0.681428	-1.46751	0.0268622	0.509139	-1.9641	0.0264499	0.507871	-1.969	8.11E-06	0.0812066	-12.3143	0.197402	1.42023	1.42023	0.0117325	0.444604	-2.24919	14.0536	14.7542	0.933201	1
cg00533183	PSMB8;PSMB8	0.000708155	0.00261169	0.304698	-3.28194	0.49985	1.21561	1.21561	0.0446602	0.518324	-1.92929	0.948015	1.01876	1.01876	0.0572357	0.541597	-1.84639	0.00400512	0.332049	-3.0116	5.23E-05	0.115847	-8.63208	0.00897945	2.57852	2.57852	0.0258805	0.470445	-2.12565	12.9688	16.6922	1.1441	1
cg24898914	PSMB8;PSMB8	0.00116219	0.00240841	0.390724	-2.55935	0.215887	1.33583	1.33583	0.185188	1.36666	1.36666	0.0140475	0.50961	-1.96228	0.922526	0.978607	-1.02186	0.00730006	0.463422	-2.15786	6.61E-05	0.196589	-5.08675	0.503397	1.16296	1.16296	0.0468699	0.603017	-1.65833	11.2743	8.82506	0.695786	1
cg00971309	PSMB8;PSMB8	0.00202737	0.0937509	0.672685	-1.48658	0.664258	0.91033	-1.0985	0.226971	0.761185	-1.31374	0.0575147	0.629952	-1.58742	0.0209969	0.55028	-1.81726	0.0327309	0.584219	-1.71169	3.35E-05	0.177165	-5.64444	0.217502	1.32194	1.32194	0.0487442	0.616179	-1.6229	9.60378	7.03916	0.651518	1
cg14022881	PSMB8;PSMB8	0.00408605	0.000562614	0.189634	-5.27333	0.0311064	0.455309	-2.19631	0.159797	0.62683	-1.59533	0.191228	1.53771	1.53771	0.00138253	0.236447	-4.22928	0.0179181	0.408765	-2.44639	0.195906	0.653582	-1.53003	0.149797	1.61632	1.61632	0.376575	0.754155	-1.32599	7.80224	11.9485	1.36126	1
cg19646975	PSMB8;PSMB8	0.00458189	0.407567	0.91533	-1.0925	0.00203008	0.634809	-1.57528	0.431137	0.919511	-1.08753	0.167557	1.16606	1.16606	0.00140894	0.617051	-1.62061	0.673076	1.04532	1.04532	0.00201713	0.634498	-1.57605	0.243066	1.13607	1.13607	0.100631	0.828772	-1.2066	7.53635	1.30177	0.15354	1
cg11381564	PSMB8;PSMB8	0.00483125	0.00251389	0.396062	-2.52486	0.278014	0.779594	-1.28272	0.0257029	0.557223	-1.79461	0.0019423	0.379999	-2.63158	0.00538795	0.445459	-2.24488	0.996417	0.999009	-1.00099	0.213717	1.33506	1.33506	0.376598	1.22173	1.22173	0.0074135	0.467046	-2.14112	7.41584	5.72173	0.685827	1
cg18696632	PSMB8;PSMB8	0.00663458	0.0128118	0.723668	-1.38185	0.000401559	0.554928	-1.80204	0.00100391	0.599972	-1.66674	0.214951	0.872348	-1.14633	0.105047	0.830851	-1.20358	0.650918	0.953462	-1.04881	0.207737	0.870251	-1.14909	0.47272	0.926437	-1.0794	0.101103	0.828752	-1.20663	6.72644	1.166	0.154085	1
cg18505752	PSMB8;PSMB8	0.0067035	9.82E-05	0.547288	-1.82719	0.153917	0.87547	-1.14224	0.645699	0.960471	-1.04116	0.228771	0.895795	-1.11633	0.665812	1.03858	1.03858	0.549732	1.05414	1.05414	0.0936639	0.851615	-1.17424	0.687486	0.965382	-1.03586	0.0450395	0.81842	-1.22187	6.70487	0.80604	0.10686	1
cg26988373	PSMB8;PSMB8	0.00675159	0.949	1.0247	1.0247	0.305066	0.666909	-1.49945	0.0427958	0.410916	-2.43359	0.298138	1.50889	1.50889	0.990919	0.995668	-1.00435	0.501637	1.29709	1.29709	0.00011261	0.0751737	-13.3025	0.701204	0.863249	-1.15841	0.146353	0.551717	-1.81252	6.68998	15.415	2.04818	1
cg24031377	PSMB8;PSMB8	0.00705592	0.0126317	0.638975	-1.56501	0.9171	0.985072	-1.01515	0.0465303	0.719417	-1.39002	0.273106	0.848096	-1.17911	0.15643	0.803333	-1.24481	0.309369	1.16412	1.16412	0.000153433	0.391636	-2.55339	0.284306	0.851572	-1.1743	0.31394	0.86033	-1.16234	6.59872	2.18079	0.293766	1
cg01309328	PSMB8;PSMB8	0.00916707	0.0111043	0.289098	-3.45904	0.676839	1.17747	1.17747	0.174016	0.569113	-1.75712	0.151787	0.549634	-1.81939	0.815663	0.912999	-1.09529	0.0489755	0.41638	-2.40165	0.000319587	0.103245	-9.68575	0.357838	1.44564	1.44564	0.0631148	0.442756	-2.25858	6.07678	14.6208	2.13867	1
cg12048225	PSMB8;PSMB8	0.0142399	0.126998	0.68276	-1.46464	0.0359088	0.568744	-1.75826	0.0495031	0.59559	-1.67901	0.609746	0.887783	-1.1264	0.00134236	0.340486	-2.93698	0.0224	0.531228	-1.88243	0.00884943	0.462803	-2.16075	0.256038	1.31539	1.31539	0.171852	0.714423	-1.39973	5.27035	4.46219	0.752585	1
cg12718404	PSMB8;PSMB8	0.0171729	0.03749	0.72193	-1.38518	0.0402365	0.726225	-1.37698	0.249502	0.850058	-1.17639	0.283079	0.86024	-1.16247	0.0415668	0.728209	-1.37323	0.000835292	0.507313	-1.97117	0.0163285	0.672805	-1.48632	0.655364	0.941166	-1.06251	0.02215	0.690571	-1.44808	4.95268	1.42909	0.256487	1
cg16186435	PSMB8;PSMB8	0.0178494	0.0109363	0.303745	-3.29224	0.318886	0.680911	-1.46862	0.887243	0.948445	-1.05436	0.0899775	0.497965	-2.00817	0.581246	0.812338	-1.23101	0.0895644	0.497429	-2.01034	0.000637556	0.14133	-7.07563	0.875186	1.0604	1.0604	0.0424332	0.418168	-2.39139	4.88892	10.7773	1.95951	1
cg21621645	PSMB8;PSMB8	0.0211768	0.307364	1.12815	1.12815	0.0246583	1.35703	1.35703	0.284813	1.13516	1.13516	0.263818	1.14215	1.14215	0.535799	1.07417	1.07417	0.868451	0.981263	-1.0191	0.00133659	1.70249	1.70249	0.0325794	0.751695	-1.33033	0.964502	1.00509	1.00509	4.61379	0.951461	0.183307	1
cg05242261	PSMB8;PSMB8	0.0227628	0.00768683	0.494335	-2.02292	0.0293035	1.6957	1.6957	0.148944	1.37488	1.37488	0.104152	0.693895	-1.44114	0.0340781	0.601258	-1.66318	0.23624	0.774696	-1.29083	0.12796	1.40283	1.40283	0.333941	0.814663	-1.2275	0.940279	0.984706	-1.01553	4.5009	3.01586	0.595607	1
cg22510079	PSMB8;PSMB8	0.0242482	0.296906	0.886123	-1.12851	0.0276017	0.747363	-1.33804	0.748198	1.03666	1.03666	0.809377	0.973344	-1.02739	0.303702	1.12647	1.12647	0.00112766	1.70887	1.70887	0.394959	1.1023	1.1023	0.225499	1.15292	1.15292	0.960419	1.00556	1.00556	4.40367	0.871635	0.175941	1
cg11453837	PSMB8;PSMB8	0.0257593	0.336759	0.767398	-1.3031	0.714299	1.10328	1.10328	0.398057	1.26024	1.26024	0.590694	0.864903	-1.1562	0.796738	0.933329	-1.07143	0.718393	0.907736	-1.10164	0.000801364	0.258521	-3.86816	0.0411021	1.8776	1.8776	0.639855	0.881638	-1.13425	4.31205	4.88003	1.00597	1
cg24326130	PSMB8;PSMB8	0.0270904	0.787753	0.957743	-1.04412	0.0441674	1.44763	1.44763	0.038174	1.46877	1.46877	0.105816	1.32665	1.32665	0.355515	0.858931	-1.16424	0.936584	1.01281	1.01281	0.00354147	0.531273	-1.88227	0.205154	1.23848	1.23848	0.71665	1.06005	1.06005	4.23669	1.71772	0.36039	1
cg05135714	PSMB8;PSMB8	0.035374	0.00818202	0.650946	-1.53623	0.587121	0.932803	-1.07204	0.624046	1.06468	1.06468	0.857755	0.977495	-1.02302	0.341969	1.13227	1.13227	0.0115171	1.49324	1.49324	0.0641164	0.768003	-1.30208	0.68969	0.950355	-1.05224	0.137891	0.816526	-1.2247	3.85227	0.982065	0.226606	1
cg20630683	PSMB8;PSMB8;PSMB8	0.000233936	0.370366	0.928401	-1.07712	0.0293416	1.23034	1.23034	0.0324268	0.816892	-1.22415	0.444111	1.06504	1.06504	0.00129536	0.684876	-1.46012	0.262474	0.909956	-1.09895	4.44E-06	0.425957	-2.34765	0.159046	0.88554	-1.12925	0.0448641	0.830321	-1.20435	17.6055	1.81866	0.091823	1
cg07456831	PSMB8;PSMB8;PSMB8	0.000688952	0.224648	0.876791	-1.14052	0.43855	0.921776	-1.08486	0.0166946	1.3515	1.3515	0.98792	0.998441	-1.00156	0.109463	1.1971	1.1971	0.0407483	1.27572	1.27572	2.57E-05	0.423112	-2.36344	0.0281228	1.30647	1.30647	0.0802102	1.2215	1.2215	13.0691	2.19971	0.149613	1
cg05545172	PSMB8;PSMB8;PSMB8	0.00177992	5.94E-05	0.269991	-3.70383	0.00591015	0.530061	-1.88658	0.0134653	0.583169	-1.71477	0.143254	0.757846	-1.31953	0.00124026	0.435184	-2.29788	0.0806389	0.710687	-1.40709	0.00990423	0.563064	-1.776	0.0897528	0.719145	-1.39054	0.211658	0.793	-1.26103	9.97417	4.90816	0.437411	1
cg01177388	PSMB8;PSMB8;PSMB8	0.00188218	0.0121069	0.279401	-3.57908	0.0186279	3.1987	3.1987	0.366049	1.46019	1.46019	0.423448	1.39553	1.39553	0.00747805	0.24567	-4.07049	0.782106	1.11966	1.11966	0.000591275	0.114977	-8.69739	0.00378508	4.91605	4.91605	0.399417	0.703518	-1.42143	9.81375	25.8285	2.33944	1
cg10128166	PSMB8;PSMB8;PSMB8	0.0115325	0.484163	1.07057	1.07057	0.00163137	0.648654	-1.54166	0.4044	0.92143	-1.08527	0.219455	1.13185	1.13185	0.45571	1.07559	1.07559	0.437689	1.07889	1.07889	0.141788	0.859408	-1.16359	0.123132	1.17375	1.17375	0.00540011	1.42085	1.42085	5.64571	0.82256	0.129508	1
cg22413126	PSMB8;PSMB8;PSMB8	0.0199026	0.0596546	0.696259	-1.43625	0.551469	1.10808	1.10808	0.590191	0.911548	-1.09704	0.470614	0.88248	-1.13317	0.580805	1.09966	1.09966	0.0339481	0.65593	-1.52455	0.00111739	0.441473	-2.26514	0.0845883	1.38394	1.38394	0.280103	0.825925	-1.21076	4.71237	2.16546	0.408467	1
cg10192196	PSMB8;PSMB8;PSMB8	0.0245912	0.0693932	0.753325	-1.32745	0.134423	1.25242	1.25242	0.153894	1.23724	1.23724	0.82014	1.03227	1.03227	0.0292507	0.698945	-1.43073	0.822998	0.969241	-1.03174	0.0433397	0.723212	-1.38272	0.0088724	1.59112	1.59112	0.286282	0.856913	-1.16698	4.38227	1.34963	0.273756	1
cg05629721	PSMB8;PSMB8;PSMB8	0.0278264	0.418442	0.918849	-1.08832	0.233468	1.13641	1.13641	0.0222076	1.32394	1.32394	0.475629	1.07708	1.07708	0.0788816	0.818943	-1.22109	0.200428	1.14848	1.14848	0.00235277	1.54409	1.54409	0.280005	1.12182	1.12182	0.134698	1.17949	1.17949	4.19696	0.696492	0.147512	1
cg07218288	PSMB8;PSMB8;TAP1	0.00168638	0.00176669	0.214839	-4.65465	0.00927593	0.319837	-3.1266	0.00275001	0.240093	-4.16505	0.0463693	0.454789	-2.19882	0.00154453	0.207536	-4.81845	0.274735	0.675436	-1.48052	0.00100952	0.185511	-5.39053	0.0365588	2.31388	2.31388	0.0269124	0.404577	-2.47172	10.1313	19.1312	1.67851	1
cg04908668	PSMB9;PSMB9	6.61E-05	0.975278	0.996536	-1.00348	0.00524973	0.642267	-1.55699	0.000181316	2.2751	2.2751	0.42208	1.19098	1.19098	0.116849	1.09619	1.09619	0.0216018	0.865227	-1.15577	0.639415	0.948558	-1.05424	0.000287134	0.770177	-1.29841	0.00384561	1.25958	1.25958	10.7773	4.75152	0.440709	1
cg04913118	PSMB9;PSMB9	0.00102704	0.0073438	2.46495	2.46495	0.097127	0.621671	-1.60857	0.0128377	0.446304	-2.24062	0.994207	1.0019	1.0019	0.000554068	0.246787	-4.05209	0.00675137	2.50132	2.50132	0.000106867	5.95762	5.95762	0.000526144	0.244048	-4.09755	0.241008	1.37766	1.37766	18.8249	20.3235	0.959551	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-p-value(1047 vs. N)	Fold-Change(1-p-value(1047 vs. 047 vs. N)	p-value(105 N)	Fold-Change(1-p-value(105T vs. 057 vs. N)	p-value(111 N)	Fold-Change(1-p-value(111T vs. N)	Ratio(111T vs. 117 vs. N)	Fold-Change(1-p-value(112T vs. N)	Ratio(112T vs. 127 vs. N)	Fold-Change(1-p-value(121T vs. N)	Ratio(121T vs. 127 vs. N)	Fold-Change(1-p-value(121T vs. 21T vs. N)	p-value(1347 vs. N)	Fold-Change(1-p-value(1347 vs. N)	p-value(347 vs. 477 vs. N)	Fold-Change(1-p-value(353 vs. 477 vs. N)	p-value(353T vs. 53T vs. N)	Fold-Change(1-p-value(53T vs. 53T vs. N)	p-value(537 vs. 37T vs. N)	Fold-Change(1-p-value(53 vs. 37T vs. N)	p-value(5637 vs. N)	Fold-Change(1-p-value(563 vs. 63T vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg18209711	PSMB9;PSMB9	0.00306199	0.00534377	0.518232	-1.953	0.00682803	0.05284	-1.90337	0.051958	0.668062	-1.49087	0.000453802	0.364942	-2.74016	0.000356429	0.315514	-2.84484	0.0594208	1.47427	1.47427	0.0801798	1.40587	1.40587	0.00321794	0.421654	-2.57161	0.0144677	0.577122	-2.73274	13.2159	6.96543	0.468488	1
cg19994157	PSMB9;PSMB9	0.00110128	0.722411	1.07995	1.07995	0.0485429	2.23739	2.23739	0.00111384	0.35503	-2.81666	0.159616	1.38271	1.38271	0.441492	0.844311	-1.1844	0.948484	1.01403	1.01403	0.0364361	1.68932	1.68932	0.000184343	0.256033	-3.90575	0.0259115	1.31547	1.31485	8.43016	0.654539	1
cg21764921	PSMB9;PSMB9	0.00148788	0.229333	0.717909	-1.39293	0.826449	0.94394	-1.05939	0.0774972	0.597155	-1.67461	0.0437098	0.543808	-1.83888	3.35E-05	0.120873	-8.27316	0.0871685	0.608819	-1.64252	0.349368	1.28802	1.28802	0.00175048	0.309764	-3.22827	0.846418	1.05227	1.05227	10.5041	11.4837	0.971785	1
cg26265820	PSMB9;PSMB9	0.00236164	0.974351	1.00968	1.00968	0.00912709	2.69814	2.69814	0.00717697	0.201658	-3.82178	0.296145	1.38355	1.38355	0.000883302	0.224585	-4.4526	0.0533143	1.20939	1.20939	0.0345009	2.09368	2.09368	0.00217319	0.43962	-2.27469	0.87467	1.04844	1.04844	9.18446	13.0644	1.2644	1
cg28782844	PSMB9;PSMB9	0.00299546	0.01778558	0.464856	-2.1512	0.411996	0.80013	-1.2498	0.035932	0.52272	-1.91307	0.0940544	0.61131	1.63131	0.0014072	0.292529	-3.41847	0.0325044	0.514116	-1.94509	0.0031636	2.09158	2.09158	0.00053276	0.193563	-5.16365	0.562	0.9583	0.9583	6.52	9.5823	0.994814	1
cg06791592	PSMB9;PSMB9	0.00414805	0.00577328	0.63638	-1.57139	0.00750574	0.650516	-1.53724	0.00370474	0.612614	-1.63235	0.473446	0.912919	-1.09539	0.184524	0.838724	-1.19229	0.0911548	1.26175	1.26175	0.0100583	0.669526	-1.49359	0.0490179	1.32422	1.32422	0.00942862	0.662863	-1.50861	7.76685	1.92068	0.219815	1
cg06043617	PSMB9;PSMB9	0.00953912	0.742953	0.932876	-1.07195	0.319287	0.80468	-1.24273	0.000319107	0.2922	-3.42232	0.968125	1.00847	1.00847	0.0401763	0.606171	-1.6497	0.0863943	0.493165	-2.02772	0.216514	1.31598	1.31598	0.581283	0.889041	-1.12481	0.913292	0.977265	-1.02326	6.000133	4.23651	0.627597	1
cg20962292	PSMB9;PSMB9	0.0119917	0.253586	0.645552	-1.55026	0.106881	1.77137	1.77137	0.165839	0.62491	-1.6079	0.514423	1.22237	1.22237	0.872089	1.05373	1.05373	0.0004294	0.163128	-6.13072	0.0464473	2.00768	2.00768	0.0424516	1.06209	1.06629	0.5573708	0.8246951	-2.21257	5.66817	9.47091	1.48524	1
cg13869180	PSMB9;PSMB9	0.0169108	0.100949	0.59835	-1.67126	0.132212	1.61189	1.61189	0.188681	0.70329	-1.42213	0.7203	1.05821	1.05821	0.0855015	0.224391	-4.4565	0.782637	0.924083	-1.08215	0.0962062	1.68583	1.68583	0.0307289	0.720215	-1.38742	0.882892	0.958735	-1.04304	4.97823	6.44449	1.1507	1
cg26811065	PSMB9;PSMB9	0.02741154	0.228274	1.65039	1.65039	0.904499	0.953559	-1.0487	0.0219969	0.336732	-2.96972	0.295764	0.650799	-1.53657	0.288833	0.646465	-1.54687	0.0807331	2.15403	2.15403	0.815086	1.09726	1.09726	0.0021364	0.183008	-5.52462	0.424186	0.723704	-1.38178	4.21899	10.4886	2.20981	1
cg03269739	PSMB9;PSMB9	0.00299147	0.171868	0.56	-1.78564	0.0380457	0.544	-1.83756	0.0206656	0.324327	-3.08134	0.0227525	0.466134	-2.14479	0.0177006	0.467479	-2.13934	0.0228203	1.30848	1.30848	0.231374	1.48785	1.48785	0.0040477	0.672149	-1.48753	0.0190407	0.672149	-1.48753	0.0195958	3.68972	1.26413	0.96396	11.6344	2.60936	1
cg19760441	PSMB9;PSMB9	0.038619	0.799564	1.0813	1.0813	0.368785	0.753082	-1.32788	0.0474507	0.49827	-2.00694	0.277106	1.45158	1.45158	0.0141632	0.24255	-4.12286	0.0748539	0.918853	-1.08831	0.992815	1.00277	1.00277	0.0701063	0.536831	-1.86279	0.434405	0.782684	-1.27765	3.73099	5.5768	1.32864	1
cg26089203	PSMB9;PSMB9	0.0394009	0.107847	0.72901	-1.33261	0.632342	1.10704	1.10704	0.00684455	0.437637	-2.28364	0.046631	0.618382	-1.61712	0.0110122	0.510261	-1.95978	0.0404733	1.64085	1.64085	0.0168404	1.84007	1.84007	0.0028004	0.543938	-1.83952	0.0442	0.7555	0.7555	5.1	4.94	0.626037	1
cg12402108	PSMB9;PSMB9	0.0482451	0.979849	0.993668	-1.00637	0.611708	1.13741	1.13741	0.1763	0.705221	1.02065	0.0292452	1.90791	1.90791	0.0816043	1.624835	1.62485	0.0043744	2.60472	2.60472	0.148252	1.47704	1.47704	0.0114317	0.649224	-1.5403	0.874081	1.04069	1.04069	3.42951	3.43562	0.890472	1
cg19412007	PSMB9;PSMB9	0.0485013	0.223246	0.636728	-1.57053	0.339801	0.41486	0.636728	-1.56981	0.653814	-1.53418	0.341775	0.707844	-1.41274	0.0012328	0.189106	-5.28805	0.571574	0.81737	-1.22344	0.780095	0.905987	-1.10397	0.0800202	0.504015	-1.98407	0.220789	0.635042	1.57447	3.42747	6.75443	1.75171	1
cg07156249	PSMB9;PSMB9;TAP1	0.0145295	5.48E-06	0.0496157	-20.1546	0.0142447	0.414947	-2.41869	0.0034804	0.601853	-1.66233	0.117068	0.834053	-1.31868	0.138656	0.47E-05	0.170868	0.0023555	0.289435	0.289435	0.0025	0.345252	0.345252	0.0001	0.134226	-7.45	0.0013	0.2	0.2	0.2	0.2	2.72655	0.744	0.26326	20.205	1
cg03465320	PSMB9;PSMB9;TAP1	0.00011369	0.0150368	0.538289	-1.85774	0.0165622	0.545211	-1.83415	0.0012523	0.376577	-2.6555	0.00114506	0.371257	-2.69355	1.27E-05	0.149103	-6.70676	0.00775243	0.492293	-2.03131	1.47E-05	0.15469	-6.46452	0.883644	1.03081	1.03081	0.00354183	0.440783	-2.26869	21.3888	14.5485	0.604614	1
cg01547742	PSMB9;PSMB9;TAP1	0.00353217	0.00845192	0.629435	-1.5893	0.0315582	1.18507	1.18507	0.641699	0.87428	-1.0264	0.000436764	0.735009	-1.36053	0.00106106	0.764824	-1.30881	0.196337	0.926851	-1.07936	0.8006	0.674385	-1.48503	0.494224	0.962137	-1.03935	0.0159773	1.17824	1.17824	15.7431	0.770829	0.0435266	1
cg13778691	PSMB9;PSMB9;TAP1	0.0114973	0.80536	0.948899	-1.05385	0.00706784	1.41545	1.41545	0.195349	0.66529	-1.50353	0.1059	1.05939	1.05939	0.4682512	0.582405	-1.07709	0.2686802	1.12292	1.12292	0.0250645	1.30762	1.30762	0.1806	0.455408	-2.19607	0.0356156	1.685658	1.685658	1.36733	0.696408	0.0613311	1.140435	1.309	1.81374	0.2452651	1
cg16853860	PSMB9;PSMB9;TAP1	0.00161831	0.00630829	0.21658	-4.61723	0.0122316	0.261233	-3.828	0.111948	0.475029	-2.10514	0.0772728	0.429619	-2.32765	0.000263515	0.0758607	-13.1821	0.112817	0.476034	-2.10069	0.000114841	0.0544932	-18.3509	0.06303039	0.406959	-2.45725	0.0111152	0.254362	-3.93141	10.2527	30.0314	2.60366	1
cg16503486	PSMB9;PSMB9;TAP1	0.0028211	0.171904	0.880649	-1.13591	0.949232	0.994338	-1.0059	0.612556	1.04564	-1.04564	0.490654	1.06309	1.06309	0.1902851	1.32386	1.32386	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.1758	1.25846	0.7558	1.05407	10.0503	1
cg23880953	PSMB9;PSMB9;TAP1	0.00294556	0.583429	0.798575	-1.2516	0.879616	0.940431	-1.06334	0.57332	0.794055	-1.25936	0.128325	0.513683	-1.94672	3.14E-05	0.037304	-26.8063	0.831274	0.917167	-1.09031	0.017439	0.309448	3.23114	0.181955	0.563197	-1.77558	0.528085	0.77179	-1.29569	8.60479	22.3799	2.31188	1
cg22606542	PSMB9;PSMB9;TAP1	0.00343035	0.0895446	0.714447	-1.39964	0.70998	0.844444	-1.18444	0.270116	0.630656	-1.58625	0.0615	0.634428	-1.57669	0.0179079	0.440614	-2.26925	0.2445107	1.14285	1.14285	0.1143	1.74777	1.74777	0.0164896	0.5155	-1.93957	0.0178	0.5155	0.5155	3.1	2.1083	0.4208	0.4208	7.0267	1.4267	1
cg13274644	PSMB9;PSMB9;TAP1	0.00354191	0.08008847	1.25258	1.25258	0.112123	0.81822	-1.22217	0.476728	0.919513	-1.08753	0.461283	1.09088	1.09088	0.334337	0.890944	-1.12241	0.1193237	1.21663	1.21663	7.42E-05	0.433885	-2.30476	0.648892	1.0546	1.0546	0.423082	0.90947	-1.09954	8.14473	1.73496	0.189347	1
cg17199468	PSMB9;PSMB9;TAP1	0.0049281	0.0217802	0.69773	-1.43322	0.00392572	1.66083	1.66083	0.00597242	0.59965	-1.5995	0.264253	0.714299	1.04299	0.638847	1.06374	1.06374	0.959157	0.993138	-1.00672	0.0095011	0.651139	-1.53571	0.156086	0.82009	-1.21938	0.0232787	0.70156	-1.42539	7.3711	1.99461	0.240532	1
cg24718356	PSMB9;PSMB9;TAP1	0.00218582	0.05217372	0.6435	-1.55362	0.0178	0.7	-1.42857	0.190657	0.86914	-1.15056	0.00514185	0.384993	-2.59743	0.00741	0.248509	-4.02553	0.0003215	0.222391	0.222391	0.00001	0.044955	4.45653	0.154144	0.035793	2.79555	0.0164896	0.5155	0.5155	0.0079893	1.03035	0.83076	0.66785	0.0095086	0.939186	1
cg26752016	PSMB9;PSMB9;TAP1	0.00835867	0.06365513	1.29609	1.29609	7	0.933178	-1.07144	0.131178	0.816509	-1.22473	0.756565	1.03944	1.03944	0.0225902	0.712023	-1.40445	0.2200132	0.851832	-1.17394	0.00351309	0.611154	-1.63625	0.459694	1.09816	1.09816	0.00847538	0.518596	1.51896	0.38478	1.39071	0.217816	1
cg20176874	PSMB9;PSMB9;TAP1	0.0114553	0.00189554	0.43882	-2.27884	0.00928882	0.496933	-2.01234	0.0134153	0.606217	-1.64963	0.0062317	0.504963	-1.98142	0.0003187	0.504963	-1.98142	0.0156607	0.534288	0.534288	0.0001	0.440952	-2.26855	0.604848	1.06158	1.06158	0.0113942	0.511158	-1.95604	0.565161	4.01836	0.633009	1
cg25324784	PSMB9;PSMB9;TAP1	0.0126327	0.320884	-1.19559	1.19559	0.169	0.774725	-1.29078	0.153781	0.764552	-1.30471	0.133859	1.33525	1.33525	0.0107999	0.63086	-1.63086	0.116643	-1.34573	0.00190423	0.46482	-2.15137	0.620356	0.916702	-1.09087	0.0875284	0.71983	-1.38892	5.48116	2.63364	0.427102	1
cg25110530	PSMB9;PSMB9;TAP1	0.0174972	0.024902	0.642528	-1.55635	0.181664	1.26485	1.26485	0.19303	1.2586	1.2586	0.0662711	0.710801	-1.40686	0.0110835	0.589486	-1.69524	0.00621499	0.553696	-1.80604	0.74954	0.955523	-1.04874	0.319444	1.18589	1.18589	0.0910458	0.734577	-1.36133	4.92175	2.14056	0.386594	1
cg26241838	PSMB9;PSMB9;TAP1	0.0179016	0.75969	1.0498	1.0498	0.0922888	0.496933	-2.01234	0.0134153	0.606217	-1.64963	0.0062317	0.504963	-1.98142	0.0003187	0.504963	-1.98142	0.5373153	0.907553	-1.10186	0.0107753	0.557748	-1.79281	0.0373785	0.558203	-1.79203	0.0158305	0.712196	1.40412	4.22109	0.40483	1	
cg25246277	PSMB9;PSMB9;TAP1	0.0272769	0.079042	1.22115	1.22115	0.537565	1.06605	1.06605	0.0932219	0.827628	-1.20827	0.05372	1.25161	1.25161	0.124701	0.843453	1.1856	0.917519	1.01067	1.01067	0.0609769	0.602937	-1.44313	0.172306	1.16048	1.16048	0.193194	0.715	1.15151	4.20226	0.698635	0.14778	1
cg18436124	PSMB9;PSMB9;TAP1	0.0403141	0.0895446	0.714447	-1.39964	0.70998	0.844444	-1.18444	0.270116	0.630656	-1.58625	0.0615	0.634428	-1.57669	0.0179079	0.440614	-2.26925	0.113401	1.08409	1.08409	0.3956	1.39795	1.39795	0.0014	0.222457	-4.4958	0.0158	0.6224	0.6224	5.1	2.10147	0.4205	0.4205	12.3886	2.7645	1
cg03778035	PSMB9;PSMB9;TAP1;PSMB9;PSMB9	0.0154464	0.877454	1.011	1.011	0.908963	0.991923	-1.00814	0.0385771	0.843762	-1.18517	0.258535	0.919816	-1.08717	0.366919	0.936397	-1.06792	0.000617095	0.68817	-1.45313	0.0685461	1.15553	1.15553	0.255918	1.08772	1.08772	0.981301	1.00166	1.00166	5.13064	0.484055	0.0707652	1
cg00704844	PSMB9;TAP1;PSMB9;TAP1	0.0113434	0.319186	0.64486	-1.62738	0.538187	1.34165	1.34165	0.4987	0.723257	-1.38263	0.557888	1.32234	1.32234	0.95149	0.971771	-1.02905	0.000846755	0.078754	-12.5195	0.0602029	0.375523	-2.6844	0.0251626	0.124402	-8.03849	0.365181	0.644204	-1.5523	6.10172	20.9565	2.6713	1
cg07504780	PSMB9;TAP1;PSMB9;TAP1	0.0368165	0.0511324	0.68403	-1.46211	0.0602718	1.12345	1.12345	0.4045	0.71033	-1.40814	0.10333	1.14714	1.14714	0.0026501	0.118831	-8.41497	0.0012545	0.147386	0.147386	0.00001	0.044955	6.78211	0.0265	0.0013	4.94587	-1.77036	0.0194582	0.94581	0.0028	1.25	0.8	0.8	0.8	0.8	1.25	0.8	1
cg12160567	PSMC1	9.68E-06	0.0166612	0.682078	-1.46611	0.659858	1.05968	1.05968	0.0360985	0.72685	-1.3758	0.389365	1.12239	1.12239	0.00013897	0.420128	2.38023	3.03E-07	0.140454	-7.11978	0.0328511	0.721287	-1.38641	0.524057	0.918964	-1.08818	5.56E-06	0.261267	-3.8275	40.9138	11.1011	0.241181	1
cg09512466	PSMC1	9.97E-05	0.0798686	0.313368	-3.19161	0.0134172	-8.7569	0.0001095	0.0099005	-10.01	0.996744	0.00536	1.00136	1.00136	9.95E-05	0.0002502	10.045	0.0001097	0.035138	0.035138	0.00001	0.044955	28.4615	0.012479	0.08855	7.45E-05	0.0003695	0.000562	0.000562	0.000562	0.000562	0.000562	0.000562	0.000562	0.000562	0.000562	1
cg15517875	PSMC1	0.00024194	0.00489784	0.270378	-3.69852	0.0481846	0.528325	-1.71725	0.392073	0.810606	-1.23365	0.142095	1.45929	1.45929	0.69E-05	0.173914	5.7041	0.00247004	0.364983	2.73985	7.86E-05	0.180835	-5.52991	0.34869	1.2599	1.2599	0.0228729	0.360616	1.27655	17.445	15.8439	0.807308	1
cg21665562	PSMC1	0.00154362	0.345981	1.12431	1.12431	0.000267864	2.05861	2.05861	0.00592123	1.54433	1.54433	0.0112421	1.46728	1.46728	0.100416	1.24268	1.24268	0.984688	1.00232	1.00232	0.00191551	0.588332	-1.69972	0.0174639	1.41805	1.41805	0.355166	1.12168	1.12168	10.3934	2.39903	0.205175	1
cg20768764	PSMC1	0.00487366	0.41157	1.08466	1.08466	0.0031384	1.15705	1.15705	0.0163607	1.16569	1.16569	0.0062317	1.53667	1.53667	0.0179627	0.496732	-2.01328	0.852085	1.23462	1.23462	0.0790001	0.604844	1.65267	0.034288	1.47153	1.47153	0.0048552	0.679733	1.47153	0.0048552	0.679733	1.47153	0.0048552	0.679733	1.47153	0.0048552	0.679733	1
cg15897899	PSMC1	0.00055171	0.188702	0.830018	-1.20479	0.810888	1.03259	1.03259	0.0924407	0.780558	-1.28113	0.330019	1.14393	1.14393	0.285955	1.15981	1.15981	0.166232	1.21835	1.21835	0.00473429	2.08442	2.08442	0.0046263	0.604068	-1.65544	0.475953	1.03183	1.03183	1.25155	0.210895	0.251965	1
cg04807239	PSMC1	0.00077731	0.165494	0.880866	-1.13546	0.744618	1.06466	1.06466	0.0414418	0.847995	-1.17956	0.0944664	1.08749	1.08749	0.0107232	0.932332	1.07269	0.0029976	0.222391	0.222391	0.00001	0.044955	4.45653	0.154144	0.035793	2.79555	0.0164896	0.5155	0.5155	0.0079893	1.03035	0.83076	0.66785	0.0095086	0.939186	1
cg20036770	PSMC1	0.01155019	0.284258	0.862665	-1.1592	0.260418	0.855653	-1.1687	0.0795554	1.2949	1.2949	0.66957	1.0708	1.0708	0.889421	0.981695	-1.01865	0.436942	9.000041	-1.11106	0.00163512	0.549296	-1.82051	0.008151226	1.56789	1.56789	0.707283	0.951137	-1.05137	5.12454	1.43143	0.248292	1
cg04374221	PSMC1	0.00178425	0.780942	0.934909	-1.0702	0.628384	1.15705	1.15705	0.13667	1.53667	0.0179627	0.496732	-2.01328	0.852085	1.23462	1.23462	0.0790001	0.604844	1.65267	0.034288	1.47153	1.47153	0.0048552	0.679733	1.47153	0.0048552	0.679733	1.47153	0.0048552	0.679733	1.47153	0.0048552	0.679733	1.47153	0.0048552	0.679733	1
cg02276586	PSMC1	0.00206386	0.80799	0.954755	-1.04755	0.132756	0.734753	-1.36113	0.271785	0.7403	-1.24303	0.0400316	1.57035	1.57035	0.0236204	1.27348	1.27348	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.1758	1.25846	0.7558	1.05407	10.0503	1
cg17587981	PSMC2	0.00039173	0.00060137	0.432815	-2.31046	0.0289186	1.50317	1.50317	0.0344541	0.67686	-1.47741	0.906088	0.981498	-1.01885	0.593103	1.08904	1.08904	1.25E-05	0.233223	-4.28774	0.616616	0.932133	-1.08315	0.380258	1.15306	1.15306	0.1682	0.792646	-1.2616	15.288	6.06267	0.352503	1
cg23838222	PSMC2	0.00136827	0.0136867	0.497403	-2.01078	0.0139981	0.549594	-1.81953	0.0226015	0.625568	-1.5978	0.0618238	0.779557	-1.28307	0.0035303	0.561238	-1.78162	0.0003167	0.162128	0.162128	0.00001	0.044955	6.16227	0.0265	0.0013	4.94587	-1.77036	0.0194582	0.94581	0.0028	1.25	0.8	0.8	0.8	0.8	1.25	0.8	1
cg26251958	PSMC2	0.00279197	0.0507119	1.08812	1.08812	0.0885491	0.587867	-1.70107	0.290516	1.18877	1.18877	0.0414429	0.620454	-1.61172	0.453772	0.886558	-1.12783	0.209749	0.844168	-1.1846	0.0162648	1.58918	1.58918	0.705206	0.941848	-1.06174	0.466769	0.889419	-1.12382	4.19297	0.165015	0.349823	1
cg13463167	PSMC2	0.00472634	0.0256455	0.645463	-1.54962	0.282876	1.42866	1.42866	0.263073	1.44723	1.44723	0.663498	0.860393	-1.15013	0.0499504	0.640317	-1.56157	0.0499504	0.640317	1.56157	0.0499504	0.640317	1.56157	0.0499504	0.640317	1.56157	0.0499504	0.640317	1.56157	0.0499504	0.640317	1.56157	0.0499504	0.640317	1.56157	0.0499504	0.640317	1
cg08242408	PSMC2	0.364887	0.776541	-1.28776	0.154819	0.661251	-1.51229	0.661251	-1.51229	0.661251	-1.51229	0.446466	-2.23981	0.580277	1.16384	1.16384	0.0695333	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	0.752123	-1.37954	1
cg20418316	PSMC3	0.0108571	0.58312	1.3288	1.3288	0.634441	0.790318	-1.26531	0.831567	1.11352	1.11352	0.79785	1.13834	1.13834	0.4843	1.43162	1.43162	0.006308	0.166002	-6.02402	0.653876	2.25589	2.25589	0.000397571	0.0580728	-17.2198	0.4682448	1.45146	1.45146	7.76753	23.2357	3.58781	1
cg22075475	PSMC3	0.00155553	0.00155553	0.394814	-2.53195	0.160218	1.60214	1.60214	0.0127474	1.23276	1.23276	0.449152	0.908654	-1.10053	0.0144407	1.21364	1.21364	0.259542	1.15729	1.15729	0.0268383	0.616185	-1.62288	0.786479	1.0349	1.0349	0.370226	1.12031	1.12031	4.34076	0.207357	0.217167	1
cg01133989	PSMC3IP;PSMC3IP	0.0301415	0.132101	0.614699	-1.62681	0.158145	0.636498	-1.5711	0.0160101	0.4136	-2.4178	0.0165478	0.416215	-2.40261	0.353641	0.751453	-1.33075	0.0160841	0.413964	-2.41567	0.00545389	0.334703	-2.98772	0.279713	0.903161	-1.10943	0.0252806	0.450945	-2.21757	0.08001	5.79302	1.26209	1
cg18143931	PSMC4;PSMC4	0.00267283	0.1874351	1.14365	1.14365	0.0318314	1.107856	1.107856	0.271613	0.808555	1.15586	0.115586	1.26133	1.26133	0.0663821	1.21851	1.21851	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.1758	1.25846	0.7558	1.05407	10.0503	1
cg22918133	PSMC4;PSMC4	0.0156043	0.467355	0.945563	-1.05757	0.0222744	1.2304	1.2304	0.67582	1.03235	1.03235	0.173925	1.11575	1.11575	0.0911642	0.970533	-1.03036	0.523215	0.952209	-1.05019	0.000665059	0.67411	-1.48344	0.924124	1.00723	1.00723	0.34332	1.07669	1.07669	5.13335	0.463941	0.0806499	1
cg17757000	PSMC4;PSMC4	0.0346119	0.0377907	0.33739	-2.96392	0.0277368	0.309285	-3.23126	0.255833	0.585667	-1.70746	0.356456	0.651952	-1.53385	0.0208484	0.285256	-3.50562	0.775216	1.13784	1.13784	0.00502724	0.187546	-5.33202	0.0172357	0.270165	-3.70144	0.182926	0.528659	-1.89158	3.88276	12.5096	2.86385	1
cg10535230	PSMC5	0.1363727	0.1586307	1.18566	1.18566	0.0972441	0.707381	-1.41377	0.0781	0.779707	-1.28249	0.0260604	0.916138	-1.09137	0.0407159	0.926504	-1.07948	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.0001	0.332336	3.00933	0.00654	1.52886	1.52886	0.1758	1.25846	0.7558	1.05407	10.0503	1
cg07844572	PSMC5;PSMC5;TFSI3	0.00357917	0.04396655	0.756488	-1.3219	0.797805	0.10143	1.03143	0.000618185	1.88754	1.88754	0.56055	0.915511	-1.07353	0.290093	1.14152	1.14152	0.641897	1.05808	1.05808	0.0013808	0.563626	-1.77422	0.0744403	1.27074

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5433 vs. N)	Fold-Change(5433 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg15563974	PSMD8	0.0216177	0.283305	0.837091	-1.20906	0.154091	1.29672	2.29672	0.750808	1.05576	0.103975	1.3564	1.3564	0.538818	1.11239	1.11239	0.000539049	2.50073	2.50073	0.898071	0.978411	-1.02207	0.04614585	1.47566	1.47566	0.351423	1.17741	1.17741	4.58139	2.10432	0.408285	1
cg03089244	PSMD8	0.0242898	0.915566	0.978119	-1.02237	0.0103953	1.96044	1.96044	0.0429616	1.62566	1.62566	0.149307	0.724288	-1.38067	0.652048	0.909652	-1.09932	0.00249965	2.40187	2.40187	0.528946	0.875406	-1.14233	1.56188	1.13015	1.13015	0.820513	1.04855	1.04855	4.40106	3.03344	0.612668	1
cg14045575	PSMD8	0.0192542	0.177908	0.904286	-1.10584	0.425861	1.05881	1.05881	0.0482891	1.17186	1.17186	0.089299	1.14073	1.14073	0.276559	1.08278	1.08278	0.190085	0.907078	-1.10244	0.136936	0.893515	-1.11917	0.389552	0.939915	-1.06393	0.00845375	1.26655	1.26655	3.70872	0.290093	0.669528	1
cg02443897	PSMD8	0.0019188	0.995391	0.999102	-1.0009	0.0266756	1.50449	1.50449	0.091578	1.335	1.335	0.0878479	1.34044	1.34044	0.952301	0.990734	-1.00935	0.436216	1.1315	1.1315	0.225	0.931659	-1.03154	0.06923154	1.37384	1.37384	0.041843	1.44025	1.44025	9.65334	3.69823	0.340537	1
cg12437832	PSMD8	0.00627203	0.0604639	1.44979	1.44979	0.348083	0.844093	-1.1847	0.0149616	0.59161	-1.6903	0.00074347	2.4556	2.4556	0.0470552	1.48995	1.48995	0.664598	0.92632	-1.07954	0.0237641	0.810486	-1.23383	0.702887	1.06955	1.06955	0.64869	1.03681	1.03681	4.33337	1
cg03378667	PSMD9	0.0156203	0.00598816	0.292184	-3.4225	0.618725	0.842118	-1.18748	0.0239122	0.397333	-2.51678	0.678103	0.866792	-1.15368	0.0227891	0.243928	4.09958	0.592027	0.830099	-1.20468	0.0955113	0.534071	-1.87245	0.00342122	0.255749	-3.91009	0.153138	0.592017	-1.6887	5.11161	0.490685	1.65148	1
cg05708074	PSMD9	0.0276893	0.0336251	0.637253	-1.56923	0.455863	1.14785	1.14785	0.0694623	1.44586	1.44586	0.0944934	0.716248	-1.39616	0.019542	0.599065	-1.66927	0.0364878	0.643166	-1.55481	0.0310005	0.631418	-1.58374	0.0946441	0.716378	-1.39591	0.0887159	0.711109	-1.40625	4.20426	2.19514	0.464108	1
cg21787206	PSMD9	0.0303148	0.174003	0.680453	-1.46959	0.0168257	0.711384	-1.4057	0.0459197	1.11379	1.11379	0.939275	1.01376	1.01376	0.0978888	1.70108	1.70108	0.838857	0.969054	-1.03193	0.1443246	1.27392	1.27392	0.479564	1.11696	1.11696	0.0102153	1.64603	1.64603	4.0717	1.52737	0.33944	1
cg07249988	PSMD9	0.030824	0.0858098	0.554629	-1.80303	0.217941	1.49538	1.49538	0.805928	0.270942	1.07942	0.265291	1.49348	1.49348	0.0779473	0.201161	-4.97113	0.0193611	0.415624	-2.40602	0.0212388	0.423238	-2.36274	0.0496922	0.360316	-2.77534	0.0535342	0.506236	-1.97536	0.47663	0.179222	1.357	1
cg26373528	PSMD9	0.0329589	0.161571	3.51331	3.51331	0.0461352	6.97677	6.97677	7	7	0.544486	0.599692	-1.66752	7	7	7	7	7	7	0.970865	0.970068	-1.03086	0.00550447	0.041806	-23.92	0.715409	1.35648	1.35648	4.59036	32.8513	8.34936	1
cg04972377	PSMD9	0.038926	0.775573	1.06076	1.06076	0.0433	1.52869	1.52869	0.460061	1.06395	1.06395	0.0958343	-1.06052	0.994243	-1.00552	0.999222	-1.00078	0.231471	0.838814	-1.19216	0.000360913	0.502595	-1.98967	0.362799	0.877226	-1.13996	0.607915	1.07516	1.07516	3.82718	1.15556	0.276107	1
cg02964389	PSMD9;PSMD9	0.00111839	0.0126227	0.416133	-2.40308	0.645186	1.14007	1.14007	0.791009	0.927694	-1.07794	0.189966	0.675381	-1.48064	0.0483025	0.347656	-2.87641	0.0766627	0.57308	-1.74496	0.411218	0.758345	-1.26816	1.64E-05	0.0814069	-12.284	0.666887	0.884768	1.14033	14.4303	1.12533	1
cg11720863	PSMD9;PSME1	5.56E-05	0.908409	0.997078	-1.01002	0.0224552	1.11817	1.11817	0.0166813	1.042	1.042	0.0556369	1.21216	1.21216	0.0316225	1.25157	1.25157	0.323879	0.990204	-1.0094	0.0945138	0.619312	-1.61469	1.72E-06	0.554339	-1.82339	0.378768	0.924746	-1.08138	0.683615	0.992183	-1.00614	25.7931	3.66241	0.105677	1
cg04054649	PSME1;PSME1	7.52E-05	0.355774	0.938892	-1.08227	0.166913	1.56022	1.56022	0.0562689	1.21216	1.21216	0.0316225	1.25157	1.25157	0.323879	0.991264	-1.00497	0.749884	0.96257	-1.0398	0.216-06	2.57933	2.57933	0.381235	0.923139	-1.08326	23.8894	3.00031	0.111637	1
cg23603076	PSME1;PSME1	0.00012849	1.77E-05	2.01811	2.01811	0.0436864	0.830731	-1.20376	0.229324	1.10615	1.10615	0.31084	1.13936	1.13936	0.0194308	1.41749	1.41749	0.0027113	7.66E-05	17.7396	1.77396	0.000504903	1.54661	0.00227688	1.40679	0.0536213	1.19157	1.19157	0.207029	2.09708	0.0900393	1
cg16799965	PSME1;PSME1	0.00198125	0.506345	0.877086	-1.14014	0.298857	1.23287	1.23287	0.0111681	0.845101	0.474132	-2.10912	0.376597	0.904035	-1.08221	0.00507226	0.627623	-1.59331	0.51747	0.880223	-1.13608	0.0222205	1.70384	1.70384	0.162058	1.33977	1.33675	0.413556	1.17646	1.17646	0.66839	5.78776	0.532113	1
cg04200643	PSME1;PSME1	0.00446968	0.0833751	0.765765	-1.30588	0.164208	0.813282	-1.22959	0.867621	1.0235	1.0235	0.330467	1.15008	1.15008	0.173556	0.817407	-1.22338	0.136273	0.799697	-1.25047	0.346-05	0.358838	-2.78677	0.0875508	0.769038	-1.30033	0.911988	1.01552	1.01552	7.59328	2.33173	0.272959	1
cg18139194	PSME1;PSME1	0.00483956	0.807786	0.961806	-1.03971	0.8310052	0.96644	-1.03473	0.231541	0.818327	-1.22201	0.436098	0.880759	-1.11538	0.0045778	0.818121	1.82812	0.00474377	1.82074	1.82074	0.00275079	1.93505	1.93505	0.0118503	0.605333	-1.65198	0.199814	1.24161	1.24161	7.41195	2.99662	0.359373	1
cg13545642	PSME2	0.00207309	0.138079	-1.4917	1.49172	0.0156252	0.961112	-1.05157	2.11145	0.474132	-2.10912	0.376597	0.904035	-1.08221	0.00507226	0.627623	-1.59331	0.972354	0.996987	-1.00302	0.0386461	1.67646	1.67646	0.532605	1.05926	1.05926	0.18132	2.18462	2.18462	0.106737	1
cg10228706	PSME2	0.00951301	0.753074	0.891452	-1.12176	0.79971	0.911588	-1.09699	0.731232	0.882023	-1.13376	0.599887	1.21254	1.21254	0.000147585	0.0929169	-10.7623	0.463574	0.762134	-1.3121	0.457311	1.31731	1.31731	0.41337	1.3559	1.3559	0.0618307	0.464997	-2.15055	0.00557	12.6085	1.8662	1
cg05487736	PSME2;RNF31	0.00591835	0.114952	0.850721	-1.17547	0.0485661	1.27204	1.27204	0.310391	1.33527	1.33527	0.00548201	0.790304	1.44312	0.0204809	0.607818	1.64538	0.00473	1.8988	1.8988	0.915986	0.080997	-1.01	0.360765	0.915198	-1.09266	0.13459	1.09124	1.09124	0.125241	1
cg10297165	PSME2;RNF31	0.00598129	0.291502	0.867051	-1.15333	0.0884568	1.27758	1.27758	0.63955	0.940374	-1.06341	0.718166	1.04837	1.04837	0.420482	0.940325	1.06356	0.125673	0.805741	-1.24109	0.000181109	0.493742	-2.28341	0.492409	1.09513	1.09513	0.0450676	1.34947	1.34947	3.88163	0.289147	0.239147	1
cg10769343	PSME2;RNF31	0.0149114	0.0211118	0.729236	-1.37122	0.314481	1.21488	1.21488	0.0134758	0.823539	1.21398	0.0153635	1.24115	1.24115	0.0153635	0.813617	1.22913	0.718562	1.1444	1.1444	0.0400813	0.913332	1.09503	0.0999703	0.99972	-1.00028	0.113532	0.979955	1.47069	0.705898	4.41516	0.706398	1
cg23381116	PSME2;RNF31	0.0160222	0.0266009	-7.57753	-1.35547	0.305961	1.13052	1.13052	0.468198	1.08918	1.08918	0.592617	0.939407	-1.0645	0.204921	0.856586	1.16742	0.0377757	1.75667	1.32158	0.00153694	0.590095	-1.69464	0.720992	0.959346	-1.04238	0.0566553	1.28363	1.28363	5.06865	1.07525	0.188567	1
cg00730794	PSME2;RNF31	0.0169757	0.0168716	0.345688	-2.89278	0.15649	0.575636	-1.73721	0.244974	1.55579	1.55579	0.00398218	0.244002	-4.09833	0.0321243	0.400673	-2.4958	0.0104696	0.3091	-3.23519	0.395464	0.728258	-1.37314	0.183695	1.67185	1.67185	0.535226	0.795049	-1.25709	4.97187	10.4544	1.86908	1
cg23525241	PSME3;RNF31;RNF31	5.40E-05	0.187635	1.13098	1.13098	0.207046	1.52372	1.52372	0.0159744	1.25457	1.25457	0.0134253	1.26591	1.26591	0.0150563	1.33094	1.33094	0.517474	0.80006	-1.25019	0.0006	0.00006	0.474346	0.888583	-1.12561	0.121-05	0.669569	-1.49333	1.56632	0.000700038	1.52573	1.52573	6.29841	2.79581	0.0940473	1
cg21824620	PSME3;PSME3	0.00841062	0.00175466	0.0781728	-12.7922	0.0139517	0.17625	-5.67376	0.0407119	0.259085	-3.85974	0.257372	0.508806	-1.96539	0.0975276	0.353697	-2.82728	0.0149926	0.180956	-5.52621	0.00306491	0.0984822	-10.1541	0.0103206	0.157663	-6.34263	0.00843711	0.146195	-6.84019	6.24484	32.319	4.60028	1
cg06088282	PSME3;PSME3	0.00456511	0.111197	0.465575	-2.14798	0.180823	0.729377	-1.37096	0.0995199	0.856518	-1.16758	0.0448588	0.816165	-1.22501	0.0344001	0.642832	1.55595	0.00473437	1.82074	1.82074	0.00275079	1.93505	1.93505	0.0118503	0.605333	-1.65198	0.199814	1.24161	1.24161	7.41195	2.99662	0.359373	1
cg03177084	PSME3;PSME3	0.0394887	0.0211425	-5.58664	-1.70368	0.0868956	0.695332	-1.43816	0.0457003	0.643302	-1.55448	0.0175483	0.573811	-1.74273	0.0619589	0.667684	1.49772	0.904456	0.977186	-1.02325	0.547929	1.12395	1.12395	0.0172585	0.572646	-1.74628	0.502921	1.13958	1.13958	0.70361	2.16475	0.519973	1
cg04218520	PSME4	0.0152062	0.0119192	0.314197	-3.18272	0.930036	0.968121	-1.03293	0.232712	0.630218	-1.58675	0.109347	0.525139	-1.90426	0.00356033	0.232926	-4.29321	0.656344	1.17966	1.17966	0.015443	0.334097	-2.99315	0.246816	1.56327	1.56327	0.00984489	0.297426	-3.36219	5.15734	11.1177	1.91618	1
cg01664861	PSME4	0.0308781	0.0387781	0.61947	-1.61492	0.0825257	0.73121	-1.36759	0.0153899	0.70028	1.30028	0.0781483	1.03028	1.03028	0.0108424	2.22471	2.22471	0.0007	0.977926	0.997103	0.0006	0.00078	0.377906	0.113604	1.11984	0.00071055	1.45968	1.65608	0.0194601	0.493668	2.02562	0.472891	0.879378	1
cg04546899	PSME4	0.0308743	0.0364641	0.563662	-1.776	0.0331285	0.384886	-2.59817	0.517069	1.16787	1.16787	0.697868	0.911955	-1.09654	0.198756	0.725547	1.37827	0.328988	0.788192	-1.26873	0.027967	0.540991	-1.84846	0.0187171	0.510103	-1.96039	0.0531864	0.595135	-1.68029	0.45828	1.57585	0.785739	1
cg07471190	PSME4	0.00164945	0.0660993	0.766895	-1.30411	0.25641	1.21488	1.21488	0.0134758	0.823539	1.21398	0.0153635	1.24115	1.24115	0.0153635	0.813617	1.22913	0.718562	1.1444	1.1444	0.0400813	0.913332	1.09503	0.0999703	0.99972	-1.00028	0.113532	0.979955	1.47069	0.705898	4.41516	0.706398	1
cg14398557	PSMF1	0.00681766	0.0172336	0.202279	-4.94366	0.00948441	0.163624	-6.11158	0.018825	0.20862	-4.79339	0.865071	0.910586	-1.09819	0.00790099	0.153768	6.50328	0.0380865	0.266053	-3.75865	0.00105911	0.0694966	-14.3892	0.0039494	0.118221	-8.45873	0.0478933	0.287747	3.47527	6.66974	32.041	4.27017	1
cg16809280	PSMF1	0.0444323	0.665111	0.849681	-1.17691	0.72271	0.675238	-1.64255	0.235244	0.627952	-1.59248	0.458561	1.32617	1.32617	0.0213656	0.35543	-2.81349	0.548318	1.25507	1.25507	0.0041214	0.239155	-4.23675	0.90215	0.95502	-1.0471	0.0230848	0.361968	-2.76268	5.45231	7.84839	1.96942	1
cg16839707	PSMF1;PSMF1	0.0045315	0.0477259	-1.75707	-1.03145	0.0184422	0.36943	-2.70652	0.0151163	0.212515	-4.70615	0.0151563	1.33094	1.33094	0.0150563	1.33094	1.33094	0.474343	1.008831	1.00883	0.931431	0.0705787	1.20773	0.178879	1.20773	0.153299	1.1814	0.043625	1.20773	0.153299	1.1814	0.043625	1
cg23672395	PSMF1;PSMF1	0.00960808	0.0046305	0.733949	-1.36249	0.278764	1.09688	1.09688	0.224256	1.11051	1.11051	0.0166804	0.786661	-1.2712	0.0704587	0.847041	-1.18058	0.127265	0.873359	-1.145	0.0126051	0.775154	-1.29007	0.124599	1.14628	1.14628	0.0788368	1.1738	1.1738	5.98657	0.639211	0.0949104	1
cg13791092	PSMF1;PSMG4;PSMG4	0.0128542	0.0129844	0.516566	-1.93606	0.0685727	0.78178	-1.27936	-1.59482	0.643158	0.84165	-1.41821	0.0182363	0.424838	2.35525	0.0403	2.48013	0.294821	1.14811	1.14811	0.0164208	0.160774	-5.62157	0.0107	0.0164069	0.0054625	1.89053	1.89053	0.00545691	1.87759	1.87759	0.177643	0.441822	1
cg03501453	PSMF1;PSMF1	0.0287329	0.119155	0.68397	-1.46205	0.282772	1.2827	1.2827	0.0990372	1.50205	1.50205	0.00651671	0.441275	-2.26616	0.345837	1.24144	1.24144	0.519819	0.865033	-1.15603	0.174799	0.723889	-1.38143	0.04972	1.66001	1.66001	0.0707348	1.57722	1.57722	4.75274	1.48851	0.593037	1
cg03103827	PSMG1;PSMG4	0.0469141	0.053525	0.246586	-4.05538	0.053115	0.245835	-4.06776	0.598168	0.712072	-1.40435	0.426955	0.595775	-1.67848	0.0395585	0.218813	-4.57012	0.2270194	0.44501	-2.24714	0.00504004	0.0936444	-10.6787	0.0128551	0.139116	-7.18227	0.025841	0.319666	-3.12827	3.47081	22.4091	5.73908	1
cg00401172	PSMG2	0.0529922	0.0116566	0.289934	-3.44908	0.0685727	0.78178	-1.27936	-1.59482	0.643158	0.84165	-1.41821	0.0182363	0.424838	2.35525	0.0403	2.48013	0.294821	1.14811	1.14811	0.0164208	0.160774	-5.62157	0.0107	0.0164069	0.0054625	1.89053	1.89053	0.00545691	1.87759	1.87759	0.177643	0.441822	1
cg02201963	PSMG2;CEP76	0.00300878	0.0523248	0.763331	-1.31005	0.304212	0.08111	-1.08111	0.7712	1.0216	1.0216	0.0215978	0.816928	-1.2241	0.352544	0.932286	-1.07263	0.0809836	0.867785	-1.15236	0.0320808	0.744663	-1.34289	0.0805867	1.28243	1.28243	0.00759367	1.28614	1.28614	5.50272	0.727481	0.0756251	1
cg19317265	PSMG2;CEP76	0.0249782	0.0147461	0.31744	-3.15147	0.0941191	0.87445	-1.14381	0.0183	0.71863	-1.11863	0.0302221	0.813649	-1.23006	0.0033972	0.444703	-2.24907	0.2270194	0.44501	-2.24714	0.00504004	0.0936444	-10.6787	0.0128551	0.139116	-7.18227	0.025841	0.319666	-3.12827	3.47081	22.4091	5.73908	1
cg12589526	PSMG2;CEP76 PSMG3;KIAA1908;KIAA1908;KIAA1908;PSMG3;PS	0.0245104	0.512707	0.924966	-1.08112	0.0128514	1.43758	1.43758	0.00899089	1.47736	1.47736	0.693521	0.954535	-1.04763	0.53278	1.07705	1.07705	0.872234	0.981269	-1.01909	0.0110513	0.687684	-1.45416	0.849705	0.97796	-1.02254	0.142331	1.20357	1.20357	4.38728	0.950404	0.194308	1
cg07639783	MG3 PSMG3;KIAA1908;KIAA1908;PSMG3;PS	0.0308477	0.030545	0.109317	-9.14767	0.129747	0.240386	-4.15997	0.118755	0.228828	-4.37009	0.8726	0.869562	-1.15	0.0305705	0.109367	-9.14352	0.0979231	0.205721	-4.86095	0.00536883	0.0410509	-24.36	0.0130775	0.0685017	-14.5982	0.0174626	0.0804708	-12.4269	0.46513	48.6113	10.6783	1
cg17888979	MG3;KIAA1908	0.0218468	0.372119	1.1387	1.1387	0.00115273	0.508141	-1.96796	0.101676	0.775702	-1.28916	0.379687	1.13625	1.13625	0.366205	0.876701	-1.14064	0.0928182	1.2997	1.2997	0.12271	1.26752	1.26752	0.742388	1.04786	1.04786	0.705166	0.947546	-1.05536	4.56486	1.45259	0.282853	1
cg00375608	PSMG3;PSMG3	0.00029052	0.643091	0.189979	-1.21954	2.83E-06	0.008492	-117.758	0.507625	0.751341	-1.33095	0.123603	2.03273	2.03273	0.113014	0.480153	-2.08267	0.485098	0.739532	-1.35221	0.0151681	0.281166	-3.55661	0.568644	0.78266	-1.27769	0.852674	0.923974	-1.08228	16.5714	47.4803	2.54684	1
cg26025102	PSMG3;PSMG3	0.0219812	0.0159688	0.363826	-2.75048	0.0235556	0.278846	-3.59533	0.0467263	0.353036	2.83257	0.311545	0.619582	-1.61399	0.0193002	0.336707	-2.97551	0.104938	0.446361	-2.25042	0.00154433	0.11218	-8.91424	0.690003	1.20319	1.20319	0.108152	0.44856	-2.22956	4.55928	15.0834	2.94327	1
cg13042501	PSMG3;PSMG3	0.00529248	0.0760038	0.317059	-3.15398	0.00120935	0.0634825	-15.7524	0.0134	0.188677	-2.57283	0.924229	0.964164	-1.0569	0.0570491	0.180776	-5.53525	0.238296	0.487464	-2.05143	0.0153731	0.221154	-4.69263	0.214988	0.967993	-1.03678	0.260286	0.505069	-1.97993	3.85541	20.6535	4.27007	1
cg18598693	PSMG3;PSMG3	0.0404695	0.028279	0.4834	-2.06868	0.0445106	0.602	-1.66115	0.0235244	0.627952	-1.59248	0.458561	1.32617	1.32617	0.0213656	0.35543	-2.81349	0.543818	1.25507	1.25507	0.0041214	0.239155	-4.23675	0.90215	0.95502	-1.0471	0.0230848	0.361968	-2.76268	5.45231	7.84839	1.96942	1
cg26903588	PSMG3;PSMG4	0.0206698	0.720668	0.89209	-1.12006	0.0188422	0.163624	-6.11158	0.018825	0.20862	-4.79339	0.865071	0.910586	-1.09819	0.00790099	0.153768	6.50328	0.0380865	0.266053	-3.75865	0.00105911	0.0694966	-14.3892	0.0039494	0.118221	-8.45873	0.0478933	0.287747	3.47527	6.66974	32.041	4.27017	1
cg21893211	PSMG4;PSMG4	0.0319878	0.4378	0.84941	-1.17729	0.00186835	2.48409	2.48409	0.0432909	1.61503	1.61503	0.0935423	0.683625	-1.46279	0.340319	0.816567	-1.22464	0.648431	0.90968	-1.09929	0.476958	0.861463	-1.16082	0.767983	1.06291	1.06291	0.895774	1.0274	1.0274	3.99442	2.69024	0.598666	1
cg16731407	PSMG4;PSMG4;PSMG4	0.0473835	0.432783	1.14795	1.14795	0.0752196	1.40697	1.40697	0.122109	1.33483	1.33483	0.692581	1.07089	1.07089	0.49705	0.887496	-1.12619	0.749384	0.94257	-1.0568	0.157097	0.9108	-1.06406	0.00514625	1.89053	1.89053	0.00545691	1.87759	1.87759	0.177643	0.441822	1
cg03974026	PSMG4;PSMG4;PSMG4	0.046768	0.605882	1.19699	1.19699	0.54942	1.23507	1.23507	0.0919332	0.526786	1.89183	0.433268	0.775821	-1.31818	0.0058894	0.228078	4.37128	0.111509	0.549444	-1.82	0.0114359	0.535085	1.93842	0.0707808	1.13891	1.13891	0.132758	0.570496	-1.75132	3.74789	0.56836	1.68021	1
cg20900927	PSMG4;PSMG4;PSMG4	0.0492494	0.0616798	0.478154	-2.09138	0.810025	1.0881	1.0881	0.961802	0.983351	-1.01693	0.11024	0.54323	-1.84084	0.0204919	0.375765	-2.66124	0.024162	0.389681	-2.5662	0.0148272	0.349632	-2.86015	0.446771	1.1324	1.1324	0.0885392	0.517523	-1.93228	0.40765	0.63279	1.73017	1
cg02782857	PSMG4;PSMG4;PSMG4	5.21E-08	0.112809	1.35762	1.35762	0.0014	0.562649	-1.16897	2.14E-06	0.0010802	-2.31656	0.0203524	0.762707	-1.31377	0.0004	0.0001	-7.77637	0.0074565	0.145813	2.06E-08	0.0001	0.0001	-7.07053	0.0013275	0.329295	0.907076	-1.10244	6.81E-06	0.380224	0.63057	28.0674	0.132107	1
cg01015008	PSMS1;PSMS1	1.86E-06	1.20E-05	0.245828	-4.06789	0.00594897	0.17491	-5.72421	0.0677835	0.587573	-1.70192	0.011952	1.60864	1.60864	7.74E-05	0.337952	2.959	0.000351532	0.418731	-2.38817	7.71E-07	0.133354	-7.49881	3.05E-07	0.103193	-9.69057	0.0929396	0.755644	-1.32337	62.5396	22.7568	0.323447	1
cg26756125	PSMS1;PSMS1	0.0034868	0.0159154	0.349045	-2.86401	0.0388032	0.541348	-1.84769	0.0265319	0.437013	-2.28828	0.0178322	0.380728	-2.64575	1.95E-05	0.0013888	5.72598	0.003626	0.144599	-6.91703	0.0001	0.0001	-13.8683	0.0227735	-4.39106	1.50E-05	0.124225	-8.04988	0.0039328	0.405828	0.0001	0.0001	1
cg05875815	PSMS1;PSMS1	0.00027408	0.15893	0.632505	-1.58102	0.825845	0.935154	-1.06934	0.010291	0.373911	-2.67443	0.791432	0.92253	-1.08398	3.19E-05	0.08509944	-11.7517	0.000249318	0.158972	6.29043	0.00181112	0.259393	-3.85516	9.81E-05	0.121826	-8.20844	0.0153463	0.404421	-2.47267	16.8595	24.7153	1.30307	1
cg25348668	PSMS1;PSMS1	0.000564364	0.480937	1.24611	1.24611	0.000196137	0.84195	-1.84195	0.0544466	1.9546	1.9546	0.00368775	3.31796	3.31796	0.0204225	2.274603	-3.64163	0.128867	1.65537	1.65537	0.00187848	0.92573	6.92573	0.0234834	2.29588	2.29588	0.124746	1.66598	13.8176	20.6414	1.32786	1
cg17849733	PSMS1;PSMS1	0.000950726	0.0038721	0.437953	-2.28403	0.0108395	0.27705	-3.6252	0.0141	0.205153	-4.8014	0.0228207	0.401554	1.48403	0.0001	0.0001	-9.99999	0.000160556	0.554538	1.80814	0.0228207	0.401554	1.48403	0.0001	0.0001	-9.99999	0.0001	0.0001	1	0.50701	1.97284	0.152637	0.474613	1
cg02053920	PSMS1;PSMS1	0.00153609	0.0471498	0.739407	-1.35294	0.221555	0.843012	-1.18622	2.20E-05	0.322154	-3.10411	0.281809	0.862435	-1.15951	0.0317395	0.715611	-1.39741	0.824209	0.970863	-1.03001	0.163249

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00845319	PTAFR;PTAFR	0.04036	0.442625	0.900502	-1.11049	0.0273104	1.41853	1.41853	0.778536	1.03847	1.03847	0.073328	0.765414	-1.30648	0.307344	0.868081	-1.15197
cg03512248	PTAFR;PTAFR	0.0495729	0.171564	1.63054	1.63054	0.206991	0.639536	-1.56363	0.0288499	0.420766	-2.37662	0.0125178	0.352242	-2.83895	0.0122499	0.350594	-2.8523
cg10832476	PTAFR;PTAFR;PTAFR;PTAFR	0.00175441	0.84941	0.977084	-1.02345	0.0215538	1.40022	1.40022	0.0021116	0.59026	-1.69417	0.297986	0.876709	-1.14063	0.18799	1.18548	1.18548
cg04167126	PTAFR;PTAFR;PTAFR;PTAFR	0.0151607	0.314942	1.44478	1.44478	0.20466	0.622549	-1.6063	0.708893	1.14202	1.14202	0.462942	1.30287	1.30287	0.0131693	0.336752	-2.96954
cg00534684	PTAFR;PTAFR;PTAFR;PTAFR	0.0376797	0.999511	0.999862	-1.00014	0.0804943	0.646008	-1.54797	0.0153981	0.511618	-1.95458	0.461244	0.844458	-1.18419	0.836359	0.954454	-1.04772
cg14288403	PTAFR;PTAFR;PTAFR;PTAFR;PTAFR	0.00296035	0.0107796	0.588676	-1.69873	0.268521	0.826432	-1.21002	0.00113162	0.452748	-2.20874	0.00112048	0.452177	-2.21153	0.690911	0.936026	-1.06835
cg20894495	PTAR1	0.0191631	0.572567	0.874213	-1.14389	0.256674	0.756447	-1.32197	0.256234	0.756234	-1.32234	0.0220536	0.523438	-1.91044	0.905173	0.972294	-1.0285
cg14149663	PTAR1	0.0303196	0.00382981	0.161691	-6.18462	0.129786	0.465371	-2.14882	0.14342	0.479569	-2.08521	0.195337	0.527218	-1.89675	0.00595137	0.1862	-5.37057
cg02798295	PTBP1;PTBP1;PTBP1;PTBP1	0.00326434	0.930141	1.02246	1.02246	0.0102802	2.26897	2.26897	0.219127	1.38736	1.38736	0.446008	1.2175	1.2175	0.184397	0.699996	-1.42858
cg00999243	PTBP1;PTBP1;PTBP1;PTBP1	0.00457364	0.553011	0.907243	-1.10224	0.000251197	2.66281	2.66281	0.608624	1.08738	1.08738	0.00682812	1.76542	1.76542	0.824995	0.964715	-1.03658
cg02086742	PTBP1;PTBP1;PTBP1;PTBP1	0.0141837	0.62811	1.08398	1.08398	0.00163166	2.10756	2.10756	0.0508656	1.44408	1.44408	0.0631599	1.41235	1.41235	0.318716	1.18559	1.18559
cg27481720	PTBP1;PTBP1;PTBP1;PTBP1	0.0305549	?	?	?	?	?	?	0.0271302	3.34884	3.34884	?	?	?	?	?	?
cg04597545	PTBP1;PTBP1;PTBP1;PTBP1	0.0391581	0.0935765	0.663744	-1.5066	0.543791	1.14633	1.14633	0.386527	1.21808	1.21808	0.316234	1.25896	1.25896	0.00921498	0.479664	-2.08479
cg17942371	PTBP1;PTBP1;PTBP1;PTBP1	0.0451161	0.0351437	0.63357	-1.57836	0.702728	1.07391	1.07391	0.0365762	1.57108	1.57108	0.207432	1.28046	1.28046	0.661032	0.921221	-1.08552
cg16366349	PTBP2	0.00214346	3.68E-05	0.117442	-8.51486	0.915236	1.02913	1.02913	0.7909	1.07431	1.07431	0.0543838	1.80183	1.80183	0.106731	0.621853	-1.6081
cg16119505	PTBP2	0.0287821	0.428873	1.34048	1.34048	0.025024	0.380074	-2.63107	0.949712	1.02315	1.02315	0.139631	1.78021	1.78021	0.0235332	0.374793	-2.66814
cg17985656	PTBP2	0.0296633	0.809912	1.04648	1.04648	0.271499	0.805894	-1.24086	0.752282	0.942053	-1.06151	0.524847	0.885608	-1.12917	0.00562963	1.98393	1.98393
cg21451265	PTBP2;PTBP2	0.00388531	0.372219	0.942289	-1.06125	0.0996217	0.889496	-1.12423	0.0123798	0.817076	-1.22388	0.986841	0.998931	-1.00107	0.620185	1.03295	1.03295
cg04185893	PTBP2;PTBP2	0.00959667	0.0331125	0.734265	-1.36191	0.85948	1.02221	1.02221	0.0604665	1.30016	1.30016	0.337032	0.884506	-1.13058	0.00433873	0.623353	-1.60423
cg00082411	PTCD1	0.00637351	0.125813	0.688299	-1.45286	0.039467	0.584425	-1.71108	0.360517	0.808986	-1.23611	0.552845	0.873378	-1.14498	0.000270852	0.260165	-3.84372
cg18809830	PTCD1	0.0136121	0.181873	0.722667	-1.38376	0.15287	1.42036	1.42036	0.0830363	0.644101	-1.55255	0.00134994	0.344008	-2.90691	0.27989	0.772999	-1.29366
cg06934110	PTCD1	0.0143822	0.632166	0.940432	-1.06334	0.0434681	0.744011	-1.34407	0.957676	0.993264	-1.00678	0.859859	0.977746	-1.02276	0.0447822	1.3409	1.3409
cg05830961	PTCD1	0.0182847	0.89074	1.03179	1.03179	0.425815	1.20341	1.20341	0.212426	1.34856	1.34856	0.67351	1.1013	1.1013	0.00230209	0.379111	-2.63775
cg15888366	PTCD1	0.0226249	0.547227	0.846859	-1.18083	0.300442	0.746164	-1.34019	0.429244	0.802353	-1.24633	0.415598	0.796868	-1.25491	0.957922	1.0145	1.0145
cg10817855	PTCD1	0.0326289	0.867467	1.07322	1.07322	0.179097	0.546712	-1.82912	0.0139878	0.276915	-3.61121	0.0292459	0.337305	-2.96468	0.00668324	0.225684	-4.43098
cg20228788	PTCD1	0.0343894	0.780163	0.942606	-1.06089	0.118788	0.699298	-1.43	0.042017	0.609591	-1.64044	0.000980341	0.35506	-2.81643	0.453266	0.850956	-1.17515
cg15656181	PTCD2	0.0345118	0.25464	0.808685	-1.23658	0.475483	0.878492	-1.13831	0.00348802	2.02917	2.02917	0.568081	0.902116	-1.10851	0.903364	0.978549	-1.02192
cg18247650	PTCD2;MRPS27	0.000751299	0.30463	1.28951	1.28951	0.205757	1.37736	1.37736	0.172932	1.41673	1.41673	0.000281134	0.215514	-4.64008	0.526757	1.16518	1.16518
cg04527989	PTCD2;MRPS27	0.0301255	0.258582	0.796345	-1.25574	0.708014	0.929896	-1.07539	0.090665	1.43349	1.43349	0.215027	0.77714	-1.28677	0.309581	0.816165	-1.22524
cg00350932	PTCD3	0.00376952	0.0697361	1.44029	1.44029	0.000352957	0.356126	-2.808	0.0026788	0.47396	-2.10988	0.237646	1.24923	1.24923	0.334347	0.836018	-1.19615
cg01476820	PTCD3;POLR1A;POLR1A	0.0294058	0.11298	0.828763	-1.20662	0.635355	1.05339	1.05339	0.0282036	1.32597	1.32597	0.857043	0.980559	-1.01983	0.0180008	1.36741	1.36741
cg14248188	PTCH1;PTCH1	0.000886705	0.689371	1.14435	1.14435	0.961361	0.983874	-1.01639	0.516051	0.80173	-1.2473	0.428095	0.762235	-1.31193	0.172263	0.614126	-1.62833
cg01222719	PTCH1;PTCH1	0.00541219	0.090132	0.47717	-2.09569	0.00214645	0.181299	-5.51574	0.00681631	0.249429	-4.00915	0.458947	0.741768	-1.34813	0.0998215	0.489478	-2.04299
cg03626278	PTCH1;PTCH1	0.0104475	0.0772629	0.791823	-1.26291	0.00132511	1.74176	1.74176	0.0542778	1.29633	1.29633	0.4062	1.10625	1.10625	0.423137	1.1021	1.1021
cg13754720	PTCH1;PTCH1	0.0186291	0.0153102	0.186361	-5.36592	0.52072	0.692551	-1.44394	0.0706295	0.319788	-3.12707	0.0415843	0.265567	-3.76552	0.00639415	0.135024	-7.40612
cg14272822	PTCH1;PTCH1;PTCH1;PTCH1	0.00068622	0.00382467	0.676038	-1.47921	0.810796	0.976207	-1.02437	0.0716065	0.817108	-1.22383	0.00715376	0.705599	-1.41724	0.000704927	0.595465	-1.67936
cg18436172	PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1	0.00200373	0.709789	0.951374	-1.05111	0.0465686	1.35518	1.35518	0.491034	1.09777	1.09777	0.00120479	0.531325	-1.88209	0.0146757	0.669909	-1.49274
cg13928146	PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1	0.0243679	0.0943383	1.28259	1.28259	0.100574	0.783943	-1.2756	0.0720871	1.31216	1.31216	0.760893	1.04217	1.04217	0.018011	0.677808	-1.47534
cg14298589	PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1	0.0274377	0.143955	0.75824	-1.31884	0.00870196	0.554661	-1.8029	0.135435	1.32802	1.32802	0.932778	1.01498	1.01498	0.393495	0.857194	-1.1666
cg18646347	PTCH2;PTCH2	0.00147724	0.129321	1.11122	1.11122	0.0439194	1.16067	1.16067	0.836152	0.986763	-1.01341	0.0250042	0.842319	-1.1872	0.0660224	1.14191	1.14191
cg27433934	PTCH2;PTCH2	0.00996511	0.462441	1.22073	1.22073	0.438888	1.23431	1.23431	0.0208605	0.476421	-2.09898	0.570181	1.16533	1.16533	0.00291919	0.33609	-2.97539
cg07905537	PTCH2;PTCH2	0.036379	0.15184	1.99604	1.99604	0.0371887	0.336568	-2.97116	0.123164	0.471499	-2.12089	0.161975	1.95857	1.95857	0.0659325	0.395034	-2.53142
cg17227235	PTCHD1	0.00866865	0.208891	0.629372	-1.58888	0.00222087	0.223549	-4.47328	0.00287136	0.238463	-4.19352	0.0219392	0.382548	-2.61405	0.00186606	0.21381	-4.67706
cg10674704	PTCHD1	0.0138573	0.0443031	0.127275	-7.85698	0.87454	0.868492	-1.15142	0.832575	0.827871	-1.20792	0.304486	2.5829	2.5829	0.336529	0.413044	-2.42105
cg26912861	PTCHD1	0.037544	0.0219907	0.289556	-3.45356	0.833046	0.90917	-1.0999	0.941896	0.967652	-1.03343	0.298801	0.615204	-1.62548	0.00525173	0.190029	-5.26236
cg01368812	PTCHD2	6.33E-05	0.0100037	0.677955	-1.47502	7.35E-06	0.306985	-3.25749	0.0528132	0.768684	-1.30092	4.17E-05	0.393521	-2.54116	0.559761	0.931941	-1.07303
cg10116490	PTCHD2	0.000455224	0.00201134	2.30513	2.30513	0.000928381	2.57915	2.57915	0.679827	1.08277	1.08277	0.122544	1.37802	1.37802	0.107438	1.40029	1.40029
cg09018444	PTCHD2	0.000579114	0.0772028	0.900471	-1.11053	0.00757086	0.83251	-1.20119	0.000231729	1.38547	1.38547	0.0916722	1.10417	1.10417	0.44236	1.04268	1.04268
cg25287708	PTCHD2	0.00116223	0.103572	0.842215	-1.18735	0.0437247	1.25061	1.25061	0.0303762	0.782315	-1.27826	0.0682713	0.821254	-1.21765	0.000334409	0.572259	-1.74746
cg20692414	PTCHD2	0.00175587	0.801431	1.01837	1.01837	0.118235	0.884661	-1.13038	0.0109793	0.794073	-1.25933	0.00420817	0.758095	-1.3191	0.282114	0.922416	-1.08411
cg15070709	PTCHD2	0.00761865	0.000259459	0.245605	-4.07158	0.829951	0.95099	-1.05154	0.145893	0.69435	-1.4402	0.581248	1.13901	1.13901	0.458906	0.838444	-1.19269
cg26258588	PTCHD2	0.0108504	0.118157	0.658653	-1.51825	0.00098994	0.299832	-3.3352	0.0070883	0.424731	-2.35443	0.619686	1.13104	1.13104	0.00834776	0.436225	-2.2924
cg08243619	PTCHD2	0.0115392	0.0574126	2.07928	2.07928	0.00600049	3.39758	3.39758	0.441195	1.3067	1.3067	0.187677	1.60892	1.60892	0.0248864	2.48262	2.48262
cg27426340	PTCHD2	0.0168831	0.0151979	0.648145	-1.54287	0.476541	1.11101	1.11101	0.00238387	0.540198	-1.85117	0.946123	1.00988	1.00988	0.808141	0.965239	-1.03601
cg12808447	PTCHD2	0.0426855	0.625352	1.13934	1.13934	0.0075747	2.48577	2.48577	0.741132	0.91587	-1.09186	0.0246939	2.03196	2.03196	0.118957	0.638523	-1.56611
cg00951310	PTCHD2	0.046296	0.0316935	0.410466	-2.43625	0.0686446	0.486469	-2.05563	0.0437771	0.440688	-2.26918	0.543068	0.804401	-1.24316	0.0100059	0.316727	-3.15729
cg07978901	PTCHD3	3.70E-06	1.40E-06	0.138258	-7.23287	0.000253816	0.379138	-2.63756	0.000122815	0.340271	-2.93883	0.000895755	0.44936	-2.22539	2.02E-05	0.249843	-4.00251
cg04500084	PTCHD3	1.14E-05	1.07E-05	0.15469	-6.46453	5.98E-05	0.229111	-4.3647	0.00082017	0.367428	-2.72162	0.012407	0.539032	-1.85518	1.33E-06	0.0855192	-11.6933
cg14174317	PTCHD3	0.000318212	0.828014	0.961491	-1.04005	0.000567862	2.6214	2.6214	0.0197935	0.60176	-1.66179	0.012318	0.569746	-1.75517	0.00151756	0.438522	-2.28039
cg10187727	PTCHD3	0.000475559	0.252884	0.780466	-1.28129	5.15E-05	0.207469	-4.81999	0.00024191	0.2836	-3.52609	0.909482	0.976671	-1.02389	0.000470406	0.319622	-3.12869
cg15283904	PTCHD3	0.00916859	0.665869	0.904913	-1.10508	0.0988914	1.51608	1.51608	0.0137623	0.496392	-2.01454	0.974422	1.0074	1.0074	0.0162626	1.96567	1.96567
cg13458005	PTCHD3	0.0101961	0.00193248	6.74686	6.74686	0.0158013	3.62051	3.62051	0.787675	1.12464	1.12464	0.625138	1.23893	1.23893	0.0150189	3.67197	3.67197
cg00632657	PTCHD3	0.0252216	0.015152	4.73919	4.73919	0.0630439	2.97533	2.97533	0.46415	0.678067	-1.47478	0.654514	1.26475	1.26475	0.0263547	3.94866	3.94866
cg02402587	PTCHD3	0.0283364	0.0491221	2.46358	2.46358	0.259631	1.60327	1.60327	0.757689	0.883182	-1.13227	0.821527	0.913294	-1.09494	0.0211557	3.04253	3.04253
cg10986050	PTCHD3	0.0307035	0.443033	0.865713	-1.15512	0.0252311	1.63337	1.63337	0.00183845	0.442313	-2.26084	0.727196	0.937466	-1.06671	0.171068	0.764359	-1.30829
cg09544380	PTCHD3	0.0441936	0.13677	1.57556	1.57556	0.689136	0.892217	-1.1208	0.0939013	0.593082	-1.68611	0.322522	1.3362	1.3362	0.757977	0.916072	-1.09162
cg00650361	PTCHD3;PTCHD3	0.000835045	0.00738677	1.76498	1.76498	0.00142265	2.1377	2.1377	0.0413852	0.67895	-1.47286	0.767219	0.952315	-1.05007	0.204315	0.802133	-1.24668
cg27363617	PTCHD3;PTCHD3	0.0052797	0.268044	1.44275	1.44275	0.010929	2.75905	2.75905	0.109632	0.574558	-1.74047	0.235822	0.673873	-1.48396	0.252322	0.683919	-1.46216
cg03143118	PTCRA	0.000222669	1.69E-05	2.88451	2.88451	0.0101553	1.47516	1.47516	0.480569	0.917612	-1.08978	0.000813946	1.83187	1.83187	0.000190119	2.12605	2.12605
cg20790540	PTCRA	0.00308751	0.0959509	0.694149	-1.44061	0.00736638	1.99284	1.99284	0.000139471	0.268823	-3.71993	0.100053	1.43304	1.43304	0.617021	0.904234	-1.10591
cg11898695	PTCRA	0.00530463	0.631537	0.91115	-1.09751	0.0116805	1.83461	1.83461	0.00846249	0.523416	-1.91053	0.0544875	1.52217	1.52217	0.00130462	0.405952	-2.46334
cg05586134	PTCRA	0.0314322	0.0121169	2.76414	2.76414	0.101991	1.78943	1.78943	0.160571	1.62791	1.62791	0.445446	1.28771	1.28771	0.262895	0.684222	-1.46151
cg16656493	PTCRA	0.0458763	0.13906	0.519132	-1.92629	0.0435686	2.59996	2.59996	0.775891	1.12471	1.12471	0.105644	2.07059	2.07059	0.0334397	0.359427	-2.78221
cg02122920	PTCRA	0.0498471	0.55432	0.780931	-1.28052	0.641173	1.21415	1.21415	0.96653	1.0175	1.0175	0.0296482	0.347013	-2.88174	0.0151972	0.291495	-3.43059
cg24708861	PTDSS1	0.000114172	0.487994	1.05881	1.05881	0.000647263	0.654177	-1.52864	7.10E-05	1.79958	1.79958	0.0013954	1.4558	1.4558	0.0693168	0.848057	-1.17917
cg09294998	PTDSS1	0.000976179	0.244365	0.861079	-1.16133	0.756009	1.03902	1.03902	0.0155913	1.43935	1.43935	0.0132716	0.686005	-1.45772	0.000596983	0.521694	-1.91683
cg09096671	PTDSS1	0.00530224	0.00454365	0.496205	-2.0153	0.159651	1.32123	1.32123	0.656075	0.920267	-1.08664	0.0103146	1.82055	1.82055	0.00082039	0.392713	-2.54639
ch.8.1960908F	PTDSS1	0.021919	0.286584	0.653965	-1.52913	0.669441	0.848047	-1.17918	0.139204	0.54291	-1.84193	0.0610637	0.444801	-2.2482	0.000291976	0.103709	-9.64239
cg23182200	PTDSS1	0.0259677	0.0213982	0.347722	-2.87586	0.199725	1.67806	1.67806	0.894631	1.05194	1.05194	0.56442	0.800434	-1.24932	0.000864102	0.147969	-6.75819
cg23432707	PTDSS1	0.0342608	0.132391	0.337101	-2.96647	0.0202734	0.153484	-6.51534	0.0168149	0.141768	-7.05377	0.381749	1.82343	1.82343	0.470786	0.61184	-1.63441
cg13386884	PTDSS2	3.22E-05	0.191275	1.1527	1.1527	0.00340079	0.664357	-1.50522	0.0323023	0.773013	-1.29364	0.00254471	1.53741	1.53741	0.00861168	0.708859	-1.41072
cg08043868	PTDSS2	7.24E-05	5.71E-05	0.2545	-3.92927	0.119447	1.36282	1.36282	0.435418	1.15695	1.15695	6.01E-05	0.256983	-3.89131	1.71E-05	0.198695	-5.03283
cg25464034	PTDSS2	0.000137291	2.07E-05	0.381788	-2.61926	0.416671	1.09748	1.09748	0.000513195	1.83614	1.83614	0.163828	0.846631	-1.18115	0.0902727	1.23267	1.23267
cg22352122	PTDSS2	0.00026146	0.00784279	0.587165	-1.7031	0.00915644	1.67617	1.67617	0.94265	1.01129	1.01129	0.000174941	0.370244	-2.70092	0.000111149	0.346184	-2.88864
cg08802462	PTDSS2	0.000671953	0.000676458	0.274234	-3.64653	0.0278526	0.523553	-1.91003	0.814636	1.06021	1.06021	0.000357713	0.240239	-4.16253	0.447214	0.824589	-1.21273
cg22993527	PTDSS2	0.00105884	0.0117362	0.665742	-1.50208	0.28393	1.15473	1.15473	0.372492	1.12561	1.12561	0.26531	1.16187	1.16187	0.00645146	0.632684	-1.58057
cg05488981	PTDSS2	0.00113394	0.00133164	0.47838	-2.09039	0.88958	1.0222	1.0222	0.0170521	0.63152	-1.58348	0.822923	0.965199	-1.03606	0.000440293	0.415921	-2.4043
cg04182215	PTDSS2	0.00123057	0.0172416	0.57921	-1.72649	0.00368369	2.09351	2.09351	0.0146121	0.567815	-1.76114	0.706697	0.931322	-1.07374	0.000389093	0.344881	-2.89955
cg16257181	PTDSS2	0.00174878	0.00478094	0.345461	-2.89468	0.57946	0.853115	-1.17217	0.012268	2.42364	2.42364	0.0278168	0.478134	-2.09146	0.000257102	0.181289	-5.51606
cg05558767	PTDSS2	0.00197427	0.00249238	0.767917	-1.30222	0.00359493	0.78056	-1.28113	0.95458	0.996427	-1.00359	0.00446551	0.787974	-1.26908	0.0249568	0.845649	-1.18252
cg19917249	PTDSS2	0.00369915	0.936295	0.974407	-1.02627	0.616985	1.17767	1.17767	0.104636	1.77761	1.77761	0.360211	1.35674	1.35674	9.06E-05	0.103336	-9.67715
cg21134090	PTDSS2	0.00440177	0.857186	0.929052	-1.07637	0.0468295	0.394672	-2.53375	0.000480482	0.106689	-9.37308	0.685635	1.18087	1.18087	0.0174505	0.30661	-3.26148
cg08506282	PTDSS2	0.00483393	0.00191493	0.474778	-2.10625	0.401723	1.15661	1.15661	0.655372	1.07913	1.07913	0.0841835	0.723337	-1.38248	0.14011	1.30877	1.30877
cg05919523	PTDSS2	0.00749021	0.528973	1.15406	1.15406	0.720197	1.08416	1.08416	0.921611	0.978131	-1.02236	0.185504	1.37081	1.37081	0.339566	0.801616	-1.24748
cg04037372	PTDSS2	0.00788481	0.30314	1.34784	1.34784	0.00054204	0.222015	-4.50419	0.0206523	0.458403	-2.18148	0.706652	1.11161	1.11161	0.0880553	1.69353	1.69353
cg21075020	PTDSS2	0.0142802	0.000772555	0.32916	-3.03804	0.39068	1.2117	1.2117	0.105864	0.680025	-1.47053	0.547944	0.875693	-1.14195	0.0378627	0.59116	-1.69159
cg19029131	PTDSS2	0.0171479	0.193812	0.809068	-1.23599	0.00727152	0.586519	-1.70498	0.482782	0.895901	-1.1162	0.15403	0.790436	-1.26512	0.00105706	0.474093	-2.10929
cg26889437	PTDSS2	0.0185854	0.761477	1.1604	1.1604	0.00174664	0.112987	-8.85056	0.951779	0.970881	-1.02999	0.70068	1.20773	1.20773	0.319642	0.604992	-1.65292
cg10798225	PTDSS2	0.019657	0.465698	0.802015	-1.24686	0.0197312	2.30907	2.30907	0.0150437	2.43049	2.43049	0.731575	0.90273	-1.10775	0.00958073	0.377261	-2.65068
cg06956805	PTDSS2	0.0281057	0.132573	1.26151	1.26151	0.0192569	1.49971	1.49971	0.00704083	1.64651	1.64651	0.416384	0.887901	-1.12625	0.209665	0.827576	-1.20835
cg18290983	PTDSS2	0.0307976	0.321919	0.798732	-1.25198	0.966956	0.990943	-1.00914	0.460017	1.17963	1.17963	0.203765	0.74484	-1.34257	0.0667161	0.636677	-1.57066
cg00554604	PTDSS2	0.0339367	0.831719	0.963656	-1.03772	0.0626388	1.43977	1.43977	0.0084405	1.79526	1.79526	0.756289	1.05566	1.05566	0.112908	0.740678	-1.35011
cg08508455	PTDSS2	0.0361535	0.023833	2.27732	2.27732	0.501695	1.23132	1.23132	0.123634	1.66348	1.66348	0.561977	0.836164	-1.19594	0.160606	0.632942	-1.57992
cg16124920	PTDSS2	0.0373403	0.0972432	0.620259	-1.61223	0.434363	1.23285	1.23285	0.0267538	1.99117	1.99117	0.720754	1.09877	1.09877	0.00573053	0.386541	-2.58705
cg06132940	PTDSS2	0.0388915	0.0876623	0.863348	-1.15828	0.035285	1.21057	1.21057	0.867978	1.01305	1.01305	0.195975	0.898902	-1.11247	0.274566	1.09265	1.09265
cg11921952	PTDSS2	0.0454614	0.26804	0.765224	-1.30681	0.39632	1.22319	1.22319	0.573802	1.1409	1.1409	0.655183	0.900998	-1.10988	0.8863	0.967361	-1.03374
cg04638773	PTEN	0.0491135	0.0618395	0.500247	-1.99901	0.875257	0.949573	-1.0531	0.116331	0.57004	-1.75426	0.223503	0.65624	-1.52383	0.00307813	0.263295	-3.79802
cg01228636	PTEN;KILLIN	1.50E-06	0.00470602	1.77238	1.77238	0.0178996	1.55034	1.55034	0.165547	0.798233	-1.25277	1.08E-07	13.564	13.564	0.0393573	1.43794	1.43794
cg03236184	PTEN;KILLIN	8.44E-06	0.0756944	1.31668	1.31668	0.127449	1.25779	1.25779	0.0690817	1.32717	1.32717	2.28E-07	8.7062	8.7062	0.00395767	1.71479	1.71479
cg19634213	PTEN;KILLIN	1.32E-05	0.154633	0.73371	-1.36294	0.316867	1.23405	1.23405	0.936305	1.01638	1.01638	6.23E-07	16.068	16.068	0.120931	0.710479	-1.4075
cg26127345	PTEN;KILLIN	1.67E-05	0.00529471	1.99987	1.99987	0.306232	1.2211	1.2211	0.81187	0.956035	-1.04599	2.33E-06	8.75199	8.75199	0.903699	0.977435	-1.02309
cg27084903	PTEN;KILLIN	4.50E-05	0.016463	2.37693	2.37693	0.160339	1.5575	1.5575	0.664794	0.879159	-1.13745	1.22E-05	15.2927	15.2927	0.915079	0.968981	-1.03201
cg04616691	PTEN;KILLIN	5.23E-05	0.735659	0.921079	-1.08568	0.577915	1.14611	1.14611	0.89347	0.968017	-1.03304	2.22E-06	16.6037	16.6037	0.297137	1.29984	1.29984
cg08995089	PTEN;KILLIN	0.000195836	0.491526	0.882704	-1.13288	0.386386	1.17183	1.17183	0.467607	1.14109	1.14109	5.73E-06	6.19579	6.19579	0.245962	1.24195	1.24195
cg15412736	PTEN;KILLIN	0.00281446	0.337503	0.864308	-1.15699	0.0996105	1.30496	1.30496	0.0679767	0.739731	-1.35184	0.00811665	1.64847	1.64847	0.792601	0.961883	-1.03963
cg04582473	PTEN;KILLIN	0.00417304	0.0788952	0.748946	-1.33521	0.283462	0.847806	-1.17952	0.682239	0.940833	-1.06289	0.00146805	1.97459	1.97459	0.00824827	0.606181	-1.64967
cg19358349	PTEN;KILLIN	0.00424704	0.978765	1.00846	1.00846	0.93379	0.974047	-1.02664	0.586494	1.18983	1.18983	0.000776089	5.00081	5.00081	0.283769	1.4225	1.4225
cg04707787	PTEN;KILLIN	0.00470144	0.32194	1.57015	1.57015	0.0267721	0.27971	-3.57513	0.0131092	4.68977	4.68977	0.0402902	0.323239	-3.09369	0.137474	2.0659	2.0659
cg25452974	PTEN;KILLIN	0.00885715	0.483418	1.14789	1.14789	0.536676	0.885893	-1.1288	0.641853	0.913283	-1.09495	0.000249667	3.22315	3.22315	0.6541	0.916363	-1.09127
cg07655693	PTEN;KILLIN	0.0110946	0.510949	1.0999	1.0999	0.187347	0.81909	-1.22087	0.891873	1.01961	1.01961	0.170453	1.2318	1.2318	0.365266	1.14208	1.14208
cg04824711	PTEN;KILLIN	0.0173866	0.0323124	5.60207	5.60207	0.0378974	5.23257	5.23257	0.219625	2.42882	2.42882	0.00548132	12.3138	12.3138	0.539175	0.652196	-1.53328
cg10930218	PTEN;KILLIN	0.023069	0.250215	0.837478	-1.19406	0.236121	0.83256	-1.20111	0.468876	1.11491	1.11491	0.250577	0.837601	-1.19389	0.637719	0.932383	-1.07252
cg06731059	PTEN;KILLIN	0.0365201	0.4696	0.856811	-1.16712	0.771263	1.06315	1.06315	0.343211	1.22767	1.22767	0.000817342	2.88559	2.88559	0.2682	0.784853	-1.27412
cg18384060	PTEN;KILLIN;KILLIN	0.00124776	0.000214101	0.2066	-4.84027	0.370886	0.791051	-1.26414	0.000140945	0.187142	-5.34354	0.248502	1.36033	1.36033	0.724213	1.09458	1.09458
cg10041390	PTEN;KILLIN;KILLIN	0.00132714	0.962222	0.994251	-1.00578	0.182893	0.838789	-1.19219	0.686651	1.0507	1.0507	?	?	?	?	?	?
cg06947206	PTEN;KILLIN;KILLIN	0.00268644	0.0719299	1.3425	1.3425	0.0717736	1.34276	1.34276	0.293914	0.852473	-1.17306	0.455852	1.11779	1.11779	0.015027	0.645174	-1.54997
cg17557106	PTEN;KILLIN;KILLIN	0.00339671	0.587372	1.0871	1.0871	0.368188	1.1513	1.1513	0.676038	0.937949	-1.06616	0.8427	0.970169	-1.03075	0.0206735	1.52919	1.52919
cg18953873	PTEN;KILLIN;KILLIN	0.0084611	0.37318	0.770369	-1.29808	0.34769	1.31775	1.31775	0.0192733	2.243	2.243	0.218517	1.44678	1.44678	0.596077	0.858424	-1.16493
cg13885325	PTEN;KILLIN;KILLIN	0.00913601	0.0261376	0.543054	-1.84144	0.0265457	1.83731	1.83731	0.00260096	2.62523	2.62523	0.229548	0.747003	-1.33868	0.064537	1.61673	1.61673
cg18819818	PTEN;KILLIN;KILLIN	0.0134527	0.68448	0.878677	-1.13807	0.849322	0.941565	-1.06206	0.774189	1.09534	1.09534	0.00040203	0.168338	-5.94042	0.184607	0.640512	-1.56125
cg17114151	PTEN;KILLIN;KILLIN	0.0135238	0.849664	0.968539	-1.03248	0.647612	1.08061	1.08061	0.533317	0.899165	-1.11214	0.153252	1.29386	1.29386	0.283832	1.20632	1.20632
cg18141918	PTEN;KILLIN;KILLIN	0.0233371	0.485378	1.20053	1.20053	0.109305	1.56851	1.56851	0.833579	1.05574	1.05574	0.0683393	1.69235	1.69235	0.360526	0.784796	-1.27422
cg28049549	PTEN;KILLIN;KILLIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16686761	PTEN;KILLIN;KILLIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12074542	PTEN;KILLIN;KILLIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19659388	PTEN;KILLIN;KILLIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08602305	PTEN;KILLIN;PTEN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03891929	PTEN;KILLIN;PTEN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06466203	PTEN;KILLIN;PTEN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00845319	0.0223661	0.693227	-1.44253	0.0245718	1.43116	1.43116	0.426663	1.11479	1.11479	0.998901	0.999816	-1.00018	3.67099	1.04205	0.25232	1
cg03512248	0.283144	0.687579	-1.45438	0.935994	0.973382	-1.02735	0.965316	1.01471	1.01471	0.95474	1.01925	1.01925	3.39919	6.07412	1.58838	1
cg10832476	0.207437	0.850331	-1.17601	0.000420662	1.97729	1.97729	0.0166038	0.699923	-1.42873	0.0414575	0.750676	-1.33213	10.016	2.35957	0.209405	1
cg04167126	0.680979	1.15764	1.15764	0.00194701	0.21189	-4.71942	0.297942	1.46531	1.46531	0.0130589	0.336107	-2.97524	5.16247	10.2519	1.76521	1
cg00534684	0.0250808	0.548471	-1.82325	0.00534169	0.437327	-2.28662	0.0268504	0.553778	-1.80578	0.0906517	0.656948	-1.52219	3.76477	3.0289	0.715145	1
cg14288403	0.255835	0.821834	-1.21679	0.00982415	0.582813	-1.71582	0.0180201	1.60851	1.60851	0.547281	1.106	1.106	8.59201	3.72359	0.385225	1
cg20894495	0.0316912	0.552231	-1.81084	0.0226775	1.90255	1.90255	0.0240489	0.530204	-1.88607	0.030701	1.81931	1.81931	4.77324	4.20207	0.782523	1
cg14149663	0.0603751	0.371614	-2.69097	0.127068	0.462431	-2.16248	0.915307	0.951496	-1.05098	0.0178158	0.260185	-3.84342	4.07147	14.0865	3.07538	1
cg02798295	0.175793	1.44005	1.44005	0.000130483	0.185833	-5.38118	0.145172	1.48636	1.48636	0.715723	0.911506	-1.09709	8.34579	8.48315	0.903519	1
cg00999243	0.816242	1.03848	1.03848	0.248979	1.21586	1.21586	0.0128695	1.65032	1.65032	0.0609323	0.709915	-1.40862	7.54047	3.14204	0.370391	1
cg02086742	0.354031	1.17061	1.17061	0.107999	0.748481	-1.33604	0.00360501	1.91744	1.91744	0.183675	1.26241	1.26241	5.27721	2.28099	0.384209	1
cg27481720	0.121394	0.498606	-2.00559	0.0884356	0.451327	-2.21569	?	?	?	0.0353902	0.330027	-3.03006	8.55693	7.47591	0.873668	1
cg04597545	0.027569	0.560413	-1.7844	0.0158414	0.518502	-1.92863	0.93629	1.01793	1.01793	0.612003	0.892545	-1.12039	3.71206	2.90384	0.695352	1
cg17942371	0.100071	0.715275	-1.39806	0.0141279	0.569379	-1.7563	0.403607	1.17226	1.17226	0.933371	1.01567	1.01567	3.52213	1.92913	0.48686	1
cg16366349	0.185654	1.46017	1.46017	0.599369	0.866772	-1.15371	0.659665	0.88733	-1.12698	0.165703	0.671149	-1.48998	9.44895	10.8883	1.02429	1
cg16119505	0.751194	1.12234	1.12234	0.00954605	0.303921	-3.29032	0.215256	1.60524	1.60524	0.18927	1.65624	1.65624	4.14727	8.64667	1.85325	1
cg17985656	0.761003	1.0592	1.0592	0.00755441	0.523138	-1.91154	0.266537	0.803934	-1.24388	0.115676	1.38042	1.38042	4.10323	2.30959	0.500329	1
cg21451265	0.0401161	1.16637	1.16637	0.000145607	0.65425	-1.52847	0.206865	1.09022	1.09022	0.755489	0.979935	-1.02048	7.9216	0.528194	0.0592691	1
cg04185893	0.0026731	0.597604	-1.67335	0.308775	0.877561	-1.13952	0.284513	0.871234	-1.1478	0.00747979	0.652497	-1.53257	5.98884	1.45816	0.216427	1
cg00082411	0.00407613	0.419241	-2.38526	0.0128316	0.498135	-2.00749	0.484684	1.17366	1.17366	0.158726	0.711984	-1.40453	6.81075	5.48486	0.715844	1
cg18809830	0.239171	0.753865	-1.3265	0.886245	0.967722	-1.03335	0.0402879	0.580976	-1.72124	0.00360169	0.405198	-2.46793	5.34899	4.45082	0.739632	1
cg06934110	0.456599	1.10137	1.10137	0.000868975	1.88944	1.88944	0.189653	0.837846	-1.19354	0.200476	0.841806	-1.18792	5.25312	1.34924	0.228308	1
cg05830961	0.00326503	0.401288	-2.49198	0.942752	0.98378	-1.01649	0.320333	0.791514	-1.2634	0.114453	0.676439	-1.47833	4.84945	3.98186	0.729862	1
cg15888366	0.782372	1.07849	1.07849	0.00165413	0.292665	-3.41688	0.771148	0.923494	-1.08284	0.00193314	0.302027	-3.31097	4.51033	5.31949	1.04836	1
cg10817855	0.391185	0.689559	-1.4502	0.0200203	0.304991	-3.27879	0.171079	0.539776	-1.85262	0.0205256	0.30703	-3.25701	3.96612	11.2437	2.51995	1
cg20228788	0.861407	1.0376	1.0376	0.653032	1.10031	1.10031	0.437778	1.182	1.182	0.720731	0.926974	-1.07878	3.89182	2.75059	0.628233	1
cg15656181	0.146744	1.32055	1.32055	0.0134518	1.72686	1.72686	0.403356	0.858416	-1.16494	0.625795	0.916	-1.0917	3.88682	1.962	0.448697	1
cg18247650	0.179789	0.710287	-1.40788	0.722311	0.918567	-1.08865	5.30E-05	0.135564	-7.37661	0.108315	1.52566	1.52566	15.6715	13.7509	0.682459	1
cg04527989	0.0752336	0.682029	-1.46621	0.0275494	0.604438	-1.65443	0.014904	0.560758	-1.7833	0.00545764	0.493563	-2.02608	4.08078	2.41211	0.525413	1
cg00350932	0.155964	1.31396	1.31396	0.187785	1.28543	1.28543	0.18628	0.777205	-1.28666	0.736559	0.941071	-1.06262	7.99399	4.09674	0.455536	1
cg01476820	0.066204	1.25151	1.25151	0.675941	1.04683	1.04683	0.0192846	0.734794	-1.36093	0.168815	1.17308	1.17308	4.11593	0.772747	0.166885	1
cg14248188	8.90E-06	0.0394813	-25.3284	0.425107	1.31434	1.31434	0.421579	0.759183	-1.31721	0.208685	1.5601	1.5601	12.1738	21.7129	1.5854	1
cg01222719	0.0308444	0.36627	-2.73023	0.000465526	0.112991	-8.85023	0.00557167	0.236378	-4.23052	0.20657	0.58995	-1.69506	7.16285	17.8018	2.20916	1
cg03626278	0.594395	1.06595	1.06595	0.0232637	0.724494	-1.38027	0.485964	1.08777	1.08777	0.020248	1.3947	1.3947	5.8283	1.30347	0.198796	1
cg13754720	0.077759	0.330806	-3.02292	0.00519832	0.12477	-8.01477	0.00632168	0.134442	-7.43818	0.0861822	0.343046	-2.91506	4.81904	24.3059	4.48331	1
cg14272822	0.000116111	0.507505	-1.97042	0.985812	0.998216	-1.00179	0.00628831	1.42957	1.42957	0.622407	1.0511	1.0511	13.0836	2.08891	0.141918	1
cg18436172	0.00405433	0.597752	-1.67293	0.00370935	0.592843	-1.68679	0.495688	1.09664	1.09664	0.011934	1.51947	1.51947	9.63667	2.71403	0.250343	1
cg13928146	0.139487	1.24011	1.24011	0.00574976	1.63207	1.63207	0.955841	0.992534	-1.00752	0.98294	0.997111	-1.0029	4.39616	1.2751	0.257821	1
cg14298589	0.706852	1.06887	1.06887	0.00477037	1.9358	1.9358	0.492222	1.13085	1.13085	0.520557	0.891534	-1.12166	4.21778	2.07606	0.437525	1
cg18646347	0.00126997	1.35331	1.35331	0.000159117	1.51494	1.51494	0.114293	1.11687	1.11687	0.0578068	0.871082	-1.148	10.5258	0.690227	0.0582887	1
cg27433934	0.0309515	0.508915	-1.96496	0.0175864	0.462887	-2.16035	0.00768098	0.40114	-2.4929	0.0232788	0.485278	-2.06067	5.91723	6.66277	1.00088	1
cg07905537	0.0428112	0.350091	-2.8564	0.0526954	0.371022	-2.69526	0.0731353	0.406694	-2.45885	0.0472505	0.359881	-2.77869	3.81329	12.2393	2.85302	1
cg17227235	0.0259772	0.397006	-2.51885	0.695081	0.871362	-1.14763	0.708333	0.876903	-1.14038	0.207037	0.628055	-1.59222	6.18547	11.9697	1.72012	1
cg10674704	0.0467771	0.131166	-7.62394	0.774068	1.29282	1.29282	0.000622915	109.585	109.585	0.935504	1.07489	1.07489	5.31776	67.0592	11.2093	1
cg26912861	0.361303	0.654869	-1.52702	0.00376088	0.171309	-5.83741	0.401061	0.678595	-1.47363	0.720458	0.850359	-1.17597	3.76973	12.1495	2.8648	1
cg01368812	0.0274071	0.73208	-1.36597	0.0204438	1.39638	1.39638	0.0707141	1.273	1.273	0.00421173	1.581	1.581	25.0056	5.65746	0.201109	1
cg10116490	0.000840107	2.61838	2.61838	2.08E-05	5.18115	5.18115	0.00289531	2.19184	2.19184	0.00790817	1.92084	1.92084	14.6668	8.52968	0.516944	1
cg09018444	0.557712	0.968859	-1.03214	0.071351	0.89811	-1.11345	0.000843246	0.765004	-1.30718	0.00125228	0.777662	-1.28591	13.7187	0.618626	0.0400832	1
cg25287708	0.0464788	1.24604	1.24604	0.00104607	1.59673	1.59673	0.931105	0.991694	-1.00838	0.0622988	1.22436	1.22436	11.2742	1.66148	0.130996	1
cg20692414	1.00E-04	0.607356	-1.64648	0.0452286	1.18056	1.18056	0.145101	1.1197	1.1197	0.718809	1.02647	1.02647	10.0136	0.827919	0.073493	1
cg15070709	0.150142	1.43395	1.43395	0.0248829	1.86601	1.86601	0.418939	0.82451	-1.21284	0.302545	0.77916	-1.28343	6.44223	5.57002	0.768542	1
cg26258588	0.0880842	0.629241	-1.58922	0.495103	1.18589	1.18589	0.154351	0.687118	-1.45535	0.0612206	0.595034	-1.68058	5.75785	5.52389	0.852771	1
cg08243619	0.02337	2.51623	2.51623	0.000721182	5.7683	5.7683	0.0151409	2.76333	2.76333	0.167172	1.65129	1.65129	5.64464	10.3711	1.63318	1
cg27426340	0.414474	1.12898	1.12898	0.011251	1.58692	1.58692	0.639532	0.933699	-1.07101	0.6561	0.9369	-1.06735	4.98096	1.6684	0.297739	1
cg12808447	0.037968	1.89233	1.89233	0.724572	1.09832	1.09832	0.26764	0.736307	-1.35813	0.929971	0.976969	-1.02357	3.59565	4.0017	0.989267	1
cg00951310	0.830802	0.927136	-1.07859	0.00986427	0.315686	-3.16771	0.768615	0.900952	-1.10994	0.0678297	0.485191	-2.06105	3.48817	6.90606	1.75987	1
cg07978901	0.39623	1.15	1.15	2.24E-07	0.0814367	-12.2795	0.0635102	0.714872	-1.39885	0.0053601	0.55435	-1.80392	52.4545	21.4999	0.364336	1
cg04500084	0.0170087	0.561103	-1.7822	3.57E-06	0.115418	-8.66413	0.209157	0.768845	-1.30065	0.00640983	0.49449	-2.02229	39.2429	24.5066	0.555097	1
cg14174317	0.154189	0.759331	-1.31695	0.000239163	2.99743	2.99743	0.00329174	2.06013	2.06013	0.325022	0.832404	-1.20134	16.1867	8.35183	0.458638	1
cg10187727	0.0342563	0.598896	-1.66974	0.000962039	0.360444	-2.77435	0.0908835	0.679381	-1.47193	0.00835532	0.496846	-2.0127	14.4905	9.88621	0.606451	1
cg15283904	0.0825617	1.55613	1.55613	0.00102269	3.06402	3.06402	0.155104	1.41895	1.41895	0.825746	0.950554	-1.05202	6.07646	5.0902	0.744615	1
cg13458005	0.828827	1.09879	1.09879	0.00173343	6.98678	6.98678	0.0362046	2.88573	2.88573	0.0605953	2.51069	2.51069	5.874	17.6129	2.66529	1
cg00632657	0.858644	1.09742	1.09742	0.00392585	7.56708	7.56708	0.0197747	4.33885	4.33885	0.821	0.888544	-1.12544	4.34388	18.7062	3.82785	1
cg02402587	0.586996	0.802386	-1.24628	0.00134382	6.48948	6.48948	0.547815	1.27653	1.27653	0.0938978	2.09473	2.09473	4.17019	10.6426	2.2685	1
cg10986050	0.326817	0.829739	-1.2052	0.321076	1.20806	1.20806	0.687487	1.07741	1.07741	0.809765	0.956508	-1.04547	4.05328	2.18229	0.478578	1
cg09544380	0.0148974	0.427705	-2.33806	0.0152093	2.32929	2.32929	0.48512	1.22286	1.22286	0.257688	0.715338	-1.39794	3.54945	4.52189	1.13242	1
cg00650361	0.171222	0.786794	-1.27098	9.00E-05	0.315699	-3.16758	0.195651	1.25264	1.25264	0.239467	0.816482	-1.22477	12.3817	5.31256	0.381392	1
cg27363617	0.0206885	0.41265	-2.42336	0.000606331	0.186502	-5.36186	0.390934	1.32219	1.32219	0.0371241	0.463527	-2.15737	7.21747	11.5389	1.4211	1
cg03143118	0.416356	1.10474	1.10474	0.00224774	1.67008	1.67008	0.00135819	1.74663	1.74663	0.00516654	1.55697	1.55697	17.8434	4.06339	0.202422	1
cg20790540	0.27135	1.25689	1.25689	0.466302	1.15954	1.15954	0.403238	0.843002	-1.18624	0.469777	0.86344	-1.15816	8.48535	5.35759	0.561239	1
cg11898695	0.0861911	0.694138	-1.44064	0.028399	0.607624	-1.64576	0.576654	0.897077	-1.11473	0.436624	0.85828	-1.16512	7.20706	4.233	0.52208	1
cg05586134	0.131886	0.589367	-1.69673	0.375464	1.34409	1.34409	0.0088245	2.95626	2.95626	0.0417225	2.14504	2.14504	4.01952	6.72829	1.48791	1
cg16656493	0.252632	0.611397	-1.6356	0.0665267	2.33313	2.33313	0.135363	1.9401	1.9401	0.176778	1.80616	1.80616	3.50013	9.39833	2.38679	1
cg02122920	0.0557318	0.408144	-2.45011	0.00723858	0.238698	-4.1894	0.153097	0.531259	-1.88232	0.194428	0.566943	-1.76385	3.39208	9.18166	2.40604	1
cg24708861	0.00064605	0.654096	-1.52883	0.0617857	0.843147	-1.18603	0.00110157	1.4773	1.4773	0.121269	1.14598	1.14598	21.3685	2.22631	0.09261	1
cg09294998	0.31335	0.879796	-1.13663	0.991086	0.998629	-1.00137	0.0197118	1.41326	1.41326	0.000186156	0.460758	-2.17034	11.8472	2.82992	0.212327	1
cg09096671	0.0491005	0.659401	-1.51653	0.649446	0.918668	-1.08853	0.357615	0.83914	-1.1917	0.74737	0.941847	-1.06174	7.20805	3.92314	0.483797	1
ch.8.1960908F	0.607746	0.819797	-1.21981	0.455405	0.746934	-1.33881	0.228175	0.615429	-1.62488	0.394141	0.715355	-1.39791	4.55971	10.6368	2.07358	1
cg23182200	0.145763	0.550602	-1.81619	0.346358	0.690373	-1.44849	0.513593	0.776372	-1.28804	0.519229	0.779072	-1.28358	4.29994	9.94209	2.05524	1
cg23432707	0.438698	0.589242	-1.69709	0.00520329	0.0846485	-11.8136	0.850509	1.13467	1.13467	0.0384619	0.200729	-4.98184	3.89708	27.6765	6.31275	1
cg13386884	0.0551528	1.2502	1.2502	0.0365103	0.779091	-1.28355	0.0390041	0.782386	-1.27814	6.97E-07	0.250808	-3.98711	29.8853	4.99318	0.148514	1
cg08043868	0.217916	1.26802	1.26802	0.354917	0.839999	-1.19048	0.38791	0.85033	-1.17601	0.000524662	0.371514	-2.69169	24.1366	12.831	0.472533	1
cg25464034	0.000739404	0.563115	-1.77584	0.00252033	1.6	1.6	0.406476	1.09983	1.09983	0.31972	0.89117	-1.12212	20.336	4.04409	0.176768	1
cg22352122	0.190385	1.2416	1.2416	0.000245322	0.388467	-2.57422	0.948991	1.01003	1.01003	0.091379	0.748173	-1.33659	17.08	6.58757	0.342836	1
cg08802462	0.000220262	0.215959	-4.6305	0.000306856	0.232411	-4.30272	0.842128	1.0509	1.0509	0.2029	0.71558	-1.39747	13.1608	12.92	0.872623	1
cg22993527	4.41E-05	0.367633	-2.72011	0.375586	1.12471	1.12471	0.0562341	1.32237	1.32237	0.206164	0.841694	-1.18808	11.5771	3.06252	0.235139	1
cg05488981	0.000641775	0.436938	-2.28865	0.0761575	1.36593	1.36593	0.111792	0.760578	-1.31479	0.001911	0.499239	-2.00305	11.3536	4.49072	0.351584	1
cg04182215	0.0872913	1.42664	1.42664	0.387292	0.846378	-1.1815	0.0278543	1.63101	1.63101	0.00773398	0.525225	-1.90395	11.0918	6.22308	0.498713	1
cg16257181	0.0140711	0.423068	-2.36369	0.0209256	0.45448	-2.20032	0.0161961	0.434004	-2.30413	0.0120117	0.411008	-2.43304	10.0253	12.7878	1.13382	1
cg05558767	0.0103258	0.81624	-1.22513	0.00206356	1.31348	1.31348	0.0953036	0.891222	-1.12205	0.686757	0.974847	-1.0258	9.67834	0.605263	0.0555893	1
cg19917249	0.0253717	0.422337	-2.36778	0.698123	1.13475	1.13475	0.614466	1.17907	1.17907	0.0872545	0.54206	-1.84482	8.03935	13.3935	1.48089	1
cg21134090	0.50784	0.759985	-1.31582	0.00046304	0.105347	-9.49242	0.136477	0.519236	-1.92591	0.111395	0.492429	-2.03075	7.62861	20.1642	2.34955	1
cg08506282	0.000863505	0.428344	-2.33457	0.00613751	0.54545	-1.83335	0.746292	1.05657	1.05657	0.716728	0.940099	-1.06372	7.41458	3.37454	0.404552	1
cg05919523	0.00545759	0.439949	-2.27299	0.00469976	2.32565	2.32565	0.362817	1.23382	1.23382	0.00250209	0.389286	-2.56881	6.47666	5.17669	0.710475	1
cg04037372	0.559546	1.17956	1.17956	0.117292	1.60982	1.60982	0.548166	0.843613	-1.18538	0.0501948	0.535348	-1.86794	6.37315	7.90575	1.10265	1
cg21075020	0.0257872	0.561025	-1.78245	0.582081	1.12902	1.12902	0.849489	0.959372	-1.04235	0.0209668	0.545313	-1.83381	5.26545	3.97483	0.671012	1
cg19029131	0.779579	1.04419	1.04419	0.683037	1.06531	1.06531	0.14257	0.784356	-1.27493	0.0166571	0.637303	-1.56911	4.9551	1.86377	0.33434	1
cg26889437	0.831031	1.11006	1.11006	0.00368515	0.146889	-6.80786	0.125299	2.24955	2.24955	0.482357	0.705458	-1.41752	4.82286	18.239	3.36158	1
cg10798225	0.544011	1.20023	1.20023	0.0369829	0.4868	-2.05423	0.278345	0.715343	-1.39793	0.499673	0.815765	-1.22584	4.73228	6.61939	1.24336	1
cg06956805	0.22364	0.832762	-1.20082	0.049578	1.37807	1.37807	0.433606	1.12117	1.12117	0.238925	0.838161	-1.19309	4.18223	1.35714	0.288446	1
cg18290983	0.410582	0.831268	-1.20298	0.000629499	0.315346	-3.17112	0.962315	0.989677	-1.01043	0.851738	1.04195	1.04195	4.04887	3.09291	0.679018	1
cg00554604	0.836777	0.964747	-1.03654	0.0147434	1.68563	1.68563	0.447145	0.873895	-1.1443	0.154366	0.767021	-1.30375	3.91047	1.87453	0.4261	1
cg08508455	0.987074	0.995069	-1.00496	0.171729	0.641473	-1.55891	0.0042796	3.20967	3.20967	0.508768	0.81501	-1.22698	3.82192	5.63701	1.31104	1
cg16124920	0.213855	0.7093	-1.40984	0.66736	1.12015	1.12015	0.131693	1.53271	1.53271	0.644592	0.885237	-1.12964	3.77723	4.12001	0.969556	1
cg06132940	0.467199	0.943968	-1.05936	0.0213304	0.806022	-1.24066	0.0154635	0.793304	-1.26055	0.641637	1.03721	1.03721	3.72139	0.358053	0.0855244	1
cg11921952	0.0290432	0.550582	-1.81626	0.120891	0.67698	-1.47715	0.211986	0.737169	-1.35654	0.00210689	0.366796	-2.72631	3.51208	2.99223	0.757319	1
cg04638773	0.175939	0.622548	-1.6063	0.0399554	0.457485	-2.18586	0.496375	1.25542	1.25542	0.0774466	0.523898	-1.90877	3.41123	5.86062	1.52715	1
cg01228636	0.991663	1.00159	1.00159	0.336043	1.16317	1.16317	4.24E-07	8.9171	8.9171	3.83E-06	5.16532	5.16532	66.1128	24.3107	0.326858	1
cg03236184	0.146844	1.24193	1.24193	0.0486409	1.36806	1.36806	2.83E-06	4.76083	4.76083	0.00014821	2.47826	2.47826	42.3969	13.002	0.272597	1
cg19634213	0.459579	1.16537	1.16537	0.0515029	0.63729	-1.56914	4.74E-06	8.409	8.409	0.0103806	1.92714	1.92714	37.7224	24.6796	0.581549	1
cg26127345	0.915892	0.980277	-1.02012	0.748057	0.941041	-1.06265	3.26E-06	7.96783	7.96783	2.63E-05	4.79839	4.79839	35.5223	20.0034	0.500554	1
cg27084903	0.785766	0.922667	-1.08381	0.00127181	0.2494	-4.00962	1.10E-05	15.8771	15.8771	0.00038408	5.3343	5.3343	27.3779	37.8409	1.22859	1
cg04616691	0.157901	0.693288	-1.4424	0.295741	0.7687	-1.3009	3.69E-05	6.86165	6.86165	0.00056841	3.65164	3.65164	26.3094	24.5261	0.828637	1
cg08995089	0.737077	1.06202	1.06202	0.274642	1.22504	1.22504	4.76E-05	3.92847	3.92847	0.171264	1.29709	1.29709	18.4762	9.33133	0.448928	1
cg15412736	0.165409	0.803967	-1.24383	0.0581954	1.37125	1.37125	0.000169619	2.56827	2.56827	0.0362971	1.43186	1.43186	8.72166	3.00438	0.306199	1
cg04582473	0.937821	1.01163	1.01163	0.367813	0.87192	-1.14689	0.00202165	1.90628	1.90628	0.201069	1.22147	1.22147	7.75278	2.69532	0.30903	1
cg19358349	0.210112	0.658385	-1.51887	0.126487	1.68732	1.68732	0.00137318	4.34578	4.34578	0.00182331	4.06363	4.06363	7.71169	12.232	1.40992	1
cg04707787	0.00060034	0.0428826	-23.3195	?	?	?	0.0343742	0.305822	-3.26988	0.364075	1.50654	1.50654	14.3389	34.5046	1.50398	1
cg25452974	0.79915	1.05062	1.05062	0.121999	0.722814	-1.38348	0.104688	1.40978	1.40978	0.0297095	1.64139	1.64139	6.14347	3.64902	0.527971	1
cg07655693	0.00498177	1.70035	1.70035	0.00119163	0.507412	-1.97079	0.864331	0.975873	-1.02472	0.21525	0.830038	-1.20476	5.71672	1.8465	0.287111	1
cg04824711	0.614915	1.41725	1.41725	0.954603	1.03991	1.03991	0.00460988	13.3558	13.3558	0.0079235	10.3915	10.3915	4.93221	36.9191	6.65361	1
cg10930218	0.0272559	0.680001	-1.47059	0.523786	0.909039	-1.10006	0.00212723	1.89128	1.89128	0.110068	1.29315	1.29315	4.48023	1.546	0.306731	1
cg06731059	0.483949	0.861204	-1.16116	0.602719	1.11662	1.11662	0.59266	1.12012	1.12012	0.233723	1.29985	1.29985	3.80792	2.66111	0.621186	1
cg18384060	0.453385	1.21512	1.21512	0.0766845	1.65248	1.65248	0.889947	0.965298	-1.03595	0.601493	1.14387	1.14387	11.0479	11.3866	0.916138	1
cg10041390	0.000459252	0.446991	-2.23718	0.00037543	0.433585	-2.30635	0.0110106	1.52723	1.52723	0.322224	1.13421	1.13421	17.5828	3.05614	0.148984	1
cg06947206	0.688139	1.06094	1.06094	0.000103164	0.365209	-2.73816	0.183905	1.22959	1.22959	0.776574	1.0426	1.0426	8.84253	3.01033	0.302611	1
cg17557106	7.20E-05	0.332187	-3.01035	0.183268	0.806355	-1.24015	0.260984	0.836359	-1.19566	0.405625	0.878366	-1.13848	8.24736	3.03493	0.327101	1
cg18953873	0.0528328	1.87396	1.87396	0.000764624	0.233439	-4.28378	0.123563	1.60963	1.60963	0.110434	1.64282	1.64282	6.23304	8.03919	1.14646	1
cg13885325	0.10585	0.664533	-1.50482	0.0648647	0.618984	-1.61555	0.689053	1.09753	1.09753	0.181356	1.38858	1.38858	6.08333	5.15702	0.753538	1
cg18819818	0.153032	0.616037	-1.62328	0.0151843	0.389	-2.5707	0.43587	1.28617	1.28617	0.384018	1.32655	1.32655	5.36969	8.52347	1.41096	1
cg17114151	0.195701	1.25925	1.25925	0.000595891	0.409507	-2.44196	0.579182	1.09897	1.09897	0.0310581	1.53174	1.53174	5.36043	2.40932	0.399524	1
cg18141918	0.034925	1.88451	1.88451	0.0109137	0.438801	-2.27894	0.0810092	0.607292	-1.64665	0.0352169	1.882	1.882	4.46241	4.69692	0.935604	1
cg28049549	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16686761	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12074542	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19659388	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08602305	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03891929	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06466203	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23149470	PTEN;KILLIN;PTEN	0.0341322	0.806973	0.961839	-1.03967	0.719387	0.94427	-1.05902	0.434372	1.13517	1.13517	0.617597	1.08329	1.08329	0.933281	1.0134	1.0134	0.576306	1.09388	1.09388	0.0027688	0.518947	-1.92698	0.00536682	0.558365	-1.79094	0.883762	1.02352	1.02352	3.90237	1.56132	0.355641	1
cg10720654	PTENP1	0.00416744	0.100208	0.734162	-1.3621	0.361965	1.17443	1.17443	0.379587	0.856706	-1.16726	0.981862	0.996107	-1.00391	0.0135301	0.591902	-1.68947	0.00304692	2.00662	2.00662	0.671217	1.07601	1.07601	0.00144689	0.453936	-2.20295	0.00981789	0.571166	-1.75081	7.75592	3.61639	0.414466	1
cg13712952	PTENP1	0.0371912	0.0206015	0.237351	-4.21316	0.0275804	0.260883	-3.83313	0.706878	0.822969	-1.21511	0.500039	0.702527	-1.42343	0.0350944	0.281914	-3.54718	0.0496993	0.315169	-3.1729	0.00815334	0.174393	-5.73417	0.0138845	0.208522	-4.79566	0.409207	0.64706	-1.54545	3.78274	15.9354	3.74459	1
cg12687990	PTENP1	0.0496031	0.00650455	0.610748	-1.63734	0.544506	0.918042	-1.08928	0.858965	0.975508	-1.02511	0.544258	1.08933	1.08933	0.0727247	0.756449	-1.32197	0.854196	0.974679	-1.02598	0.0076261	0.619851	-1.61329	0.616078	1.07303	1.07303	0.585155	1.07988	1.07988	3.39841	1.04616	0.273635	1
cg07570421	PTER;PTER	0.000509005	0.0783208	0.756292	-1.32224	0.0111849	0.635037	-1.57471	0.363463	0.875123	-1.1427	0.556128	0.918488	-1.08875	5.28E-05	0.340081	-2.94047	0.411718	1.12736	1.12736	0.0702154	0.748962	-1.33518	0.0454725	1.38768	1.38768	0.000522647	2.16486	2.16486	14.2199	4.59396	0.287169	1
cg20569758	PTER;PTER	0.00488289	0.0130072	3.1882	3.1882	0.486939	0.766631	-1.30441	0.00922493	0.288384	-3.4676	0.265226	1.54782	1.54782	0.0256332	0.368806	-2.71146	0.0499534	2.31901	2.31901	0.369871	0.707177	-1.41407	0.00674392	3.74915	3.74915	0.0100766	3.39302	3.39302	7.39185	16.5721	1.99284	1
cg01263532	PTER;PTER	0.00828845	0.17303	1.69054	1.69054	0.263299	0.655543	-1.52545	0.0192372	0.358618	-2.78848	0.421173	1.34658	1.34658	0.00686425	0.281495	-3.55247	0.0626532	2.13529	2.13529	0.405621	0.73484	-1.36084	0.0160034	2.90907	2.90907	0.0121758	3.09987	3.09987	6.27374	13.0292	1.84604	1
cg04873514	PTER;PTER	0.0186437	0.0361395	4.42339	4.42339	0.0679456	0.28722	-3.48165	0.0865358	0.314964	-3.17497	0.29038	1.95337	1.95337	0.0580931	0.270637	-3.69498	0.0692098	3.45734	3.45734	0.298438	0.518061	-1.93028	0.377424	1.73785	1.73785	0.00817263	7.88807	7.88807	4.81777	28.4107	5.24185	1
cg00412148	PTER;PTER	0.0203857	0.00694796	0.112731	-8.87065	0.793927	0.849076	-1.17775	0.0452068	0.237886	-4.20369	0.210988	0.438818	-2.27885	0.00532728	0.100807	-9.91997	0.206331	0.434719	-2.30034	0.209522	0.437532	-2.28555	0.0100867	0.131467	-7.60646	0.00754894	0.116691	-8.56965	4.6741	28.9145	5.49877	1
cg04254609	PTER;PTER	0.024348	0.182484	2.35307	2.35307	0.176679	0.419522	-2.38366	0.176361	0.41922	-2.38538	0.13673	2.63685	2.63685	0.106983	0.344974	-2.89877	0.123409	2.7438	2.7438	0.253036	0.48576	-2.05863	0.0156557	6.0015	6.0015	0.0113114	6.81055	6.81055	4.39741	25.4767	5.14985	1
cg00511596	PTER;PTER	0.0291823	0.0134421	10.1603	10.1603	0.892365	1.108	1.108	0.963874	0.966271	-1.03491	0.243604	2.51994	2.51994	0.108477	0.265439	-3.76734	0.164525	3.07545	3.07545	0.620347	0.685041	-1.45977	0.0131638	10.2644	10.2644	0.00878411	12.5288	12.5288	4.12707	37.5104	8.07899	1
cg18068411	PTER;PTER	0.0436468	0.0591031	0.267792	-3.73424	0.0562581	0.262765	-3.80569	0.0362528	0.221959	-4.50533	0.142896	0.377762	-2.64717	0.011381	0.141065	-7.08892	0.0932856	0.319395	-3.13092	0.0270405	0.198228	-5.0447	0.0294394	0.204849	-4.88165	0.020236	0.177108	-5.64628	3.56597	21.5857	5.38065	1
cg04539072	PTER;PTER;PTER;PTER	0.0426727	0.0401761	4.69803	4.69803	0.39872	0.569041	-1.75734	0.119199	0.331725	-3.01455	0.546562	1.48908	1.48908	0.374977	0.552002	-1.81159	0.299236	2.01792	2.01792	0.0449153	0.222697	-4.49042	0.0276486	5.46909	5.46909	0.0679509	3.79643	3.79643	3.59605	24.2521	5.99474	1
cg17076890	PTF1A	2.07E-06	0.49488	0.941287	-1.06237	0.228964	1.11652	1.11652	0.54404	0.947803	-1.05507	0.990917	1.00099	1.00099	0.0102021	0.753695	-1.3268	0.968849	0.996597	-1.00341	0.000441794	0.616094	-1.62313	2.62E-08	5.98669	5.98669	0.00728988	1.35269	1.35269	60.8799	7.34813	0.107288	1
cg25684999	PTF1A	0.000758747	0.767157	0.943137	-1.06029	0.794946	1.05269	1.05269	0.523349	1.13601	1.13601	0.588014	1.11387	1.11387	0.618406	1.10408	1.10408	0.903474	0.976363	-1.02421	0.0210475	0.578592	-1.72833	9.21E-06	6.6207	6.6207	0.917276	1.0207	1.0207	12.72	7.83146	0.54727	1
cg02836919	PTF1A	0.000785347	0.0514208	0.575569	-1.73741	0.536421	0.855611	-1.16876	0.00219884	0.343225	-2.91354	0.107404	1.54913	1.54913	0.0639191	0.595284	-1.67987	0.777346	1.07317	1.07317	0.0044818	0.389089	-2.57011	7.83E-05	5.92851	5.92851	0.638812	0.888913	-1.12497	12.5974	12.379	0.873476	1
cg18920423	PTF1A	0.00139489	0.308912	0.686946	-1.45572	0.779567	1.10523	1.10523	0.981343	0.991696	-1.00837	3.74E-05	0.059302	-16.8629	0.176062	0.598734	-1.67019	0.0160361	0.349576	-2.86061	0.770099	1.11015	1.11015	0.00778892	3.38132	3.38132	0.360411	0.715143	-1.39832	10.7008	21.5485	1.78999	1
cg06550984	PTF1A	0.00140193	0.00578126	0.389227	-2.56919	0.00956477	0.424756	-2.35429	0.00434127	0.369865	-2.70369	0.122883	1.5468	1.5468	0.0121171	0.442155	-2.26165	0.221264	0.714967	-1.39867	0.000175819	0.190091	-5.26063	0.0509784	1.78621	1.78621	0.0457743	0.550162	-1.81765	10.6853	11.5236	0.958628	1
cg22746058	PTF1A	0.00155218	0.141889	1.39505	1.39505	0.151751	1.38231	1.38231	0.00240778	2.43808	2.43808	0.214059	1.31757	1.31757	0.942246	0.984841	-1.01539	0.000334723	3.38621	3.38621	0.126518	0.705767	-1.4169	0.000360112	3.34143	3.34143	0.0067669	2.09598	2.09598	10.3769	7.30445	0.625704	1
cg11438428	PTF1A	0.00156375	0.0653449	0.727623	-1.37434	0.00526894	1.76027	1.76027	0.299631	1.17965	1.17965	0.130579	1.28524	1.28524	0.982335	1.00341	1.00341	0.68424	0.939088	-1.06486	0.0528817	0.713059	-1.40241	5.23E-05	3.19717	3.19717	0.748439	1.0507	1.0507	10.3547	3.87436	0.332592	1
cg04829946	PTF1A	0.00211847	0.636352	0.867475	-1.15277	0.0284745	0.4622	-2.16357	0.0564691	0.524858	-1.90528	0.00902161	2.69372	2.69372	0.0186529	0.426908	-2.34243	0.00167099	3.82603	3.82603	0.00802908	0.362816	-2.75622	0.0249526	2.21763	2.21763	0.113346	0.597898	-1.67253	9.48139	13.3806	1.25444	1
cg09795588	PTF1A	0.00373184	0.00333205	0.21593	-4.63114	0.00235988	0.196483	-5.08951	0.0055665	0.247354	-4.04279	0.125625	0.529511	-1.88853	0.0116065	0.298087	-3.35472	0.0703718	0.460308	-2.17246	0.00148674	0.17241	-5.80011	0.119823	1.91054	1.91054	0.0641374	0.450219	-2.22114	8.01815	18.6866	2.07158	1
cg06511917	PTF1A	0.00613064	0.0477956	2.99642	2.99642	0.00281443	7.35704	7.35704	0.942164	1.03581	1.03581	0.477208	1.41973	1.41973	0.189598	0.509772	-1.96166	0.136686	2.17599	2.17599	0.068122	0.371348	-2.69289	0.000634858	12.7422	12.7422	0.273936	1.73684	1.73684	6.89314	25.6723	3.31051	1
cg17389519	PTF1A	0.00871402	0.876169	1.03036	1.03036	0.215107	0.778565	-1.28441	0.139791	0.737293	-1.35631	0.85332	0.965121	-1.03614	0.0108971	0.541671	-1.84614	0.165905	1.32767	1.32767	0.113352	0.718561	-1.39167	0.000658112	2.72121	2.72121	0.715619	1.07271	1.07271	6.17525	3.59865	0.518003	1
cg19161112	PTF1A	0.0181854	0.0165838	0.428257	-2.33505	0.00909301	0.382681	-2.61315	0.00470213	0.336649	-2.97045	0.104824	0.598271	-1.67148	0.029086	0.474532	-2.10734	0.113294	0.606874	-1.64779	0.0168804	0.429659	-2.32742	0.327056	1.34074	1.34074	0.219003	0.687531	-1.45448	4.85835	6.46265	1.18241	1
cg20487710	PTF1A	0.0261119	0.634034	0.880562	-1.13564	0.390386	0.79182	-1.26291	0.411309	0.800267	-1.24958	0.911036	1.03009	1.03009	0.000708157	0.25451	-3.92911	0.0297387	0.507382	-1.9709	0.227146	1.39973	1.39973	0.742257	1.09147	1.09147	0.717924	0.908273	-1.10099	4.29163	4.78099	0.990246	1
cg17929687	PTGDR	0.000386415	0.423172	0.551563	-1.81303	0.00553432	14.1754	14.1754	0.424519	1.80977	1.80977	0.0371519	0.172076	-5.81137	0.0149003	0.113272	-8.82833	0.0451091	0.187851	-5.32338	0.000595912	0.0211816	-47.2108	9.64E-05	155.286	155.286	0.0374103	5.79318	5.79318	15.3456	128.57	7.44733	1
cg19650253	PTGDR	0.000428581	0.000922705	1.81947	1.81947	0.00187706	0.586715	-1.7044	9.11E-05	0.429219	-2.32981	0.0037531	0.623023	-1.60508	0.932953	0.989875	-1.01023	0.0334972	1.35042	1.35042	0.284896	0.874294	-1.14378	0.0458274	0.758169	-1.31897	0.246768	0.863747	-1.15775	14.9134	3.45464	0.205908	1
cg27634876	PTGDR	0.000681311	0.344405	0.77752	-1.28614	0.178426	1.44689	1.44689	0.179601	1.44527	1.44527	0.946607	1.01746	1.01746	0.55744	0.85787	-1.16568	?	?	?	0.0084295	0.419249	-2.38522	1.79E-05	9.6342	9.6342	0.459278	1.21494	1.21494	13.4259	12.6192	0.939908	1
cg02191312	PTGDR	0.00076044	0.365394	1.80388	1.80388	0.00108767	0.0469754	-21.2877	0.521366	1.51028	1.51028	0.104083	3.08719	3.08719	0.917756	0.93658	-1.06771	0.116108	2.95432	2.95432	0.0351741	4.74183	4.74183	3.00E-05	177.756	177.756	0.285686	2.02057	2.02057	12.7121	81.0132	5.66483	1
cg08504659	PTGDR	0.00125627	0.942451	1.01477	1.01477	0.43667	1.1748	1.1748	0.652448	1.09641	1.09641	0.799317	1.05308	1.05308	0.243266	1.28131	1.28131	0.95184	1.01234	1.01234	0.0140686	0.540421	-1.85041	1.80E-05	5.91426	5.91426	0.624827	1.10524	1.10524	11.0265	7.19789	0.58025	1
cg23481279	PTGDR	0.00146068	0.733109	1.04605	1.04605	0.00121675	0.536457	-1.86408	0.000453114	0.483362	-2.06884	0.03243	1.39012	1.39012	0.986519	0.99778	-1.00222	0.00299208	0.585325	-1.70845	0.789478	0.965414	-1.03582	0.00496913	0.613144	-1.63094	0.0121363	0.662835	-1.50867	10.56	2.89358	0.243568	1
cg18242103	PTGDR	0.00375711	0.400575	0.72322	-1.38271	0.0138821	3.14181	3.14181	0.560291	1.24831	1.24831	0.886427	0.947602	-1.05529	0.983935	1.00761	1.00761	0.531754	0.787776	-1.2694	0.140554	0.550445	-1.81671	9.13E-05	13.9126	13.9126	0.0873473	2.03565	2.03565	8.00192	17.974	1.99663	1
cg18693395	PTGDR	0.00879295	0.888816	1.04833	1.04833	0.986226	0.994193	-1.00584	0.127676	0.57367	-1.74316	0.705292	1.13677	1.13677	0.744407	1.11669	1.11669	0.309329	1.42613	1.42613	0.698392	0.876891	-1.14039	0.000120529	9.64983	9.64983	0.719175	1.12955	1.12955	6.15765	11.1009	1.60248	1
cg26168772	PTGDR	0.0133261	0.450207	1.22964	1.22964	0.0103516	2.38154	2.38154	0.299003	0.748848	-1.33539	0.810193	1.06678	1.06678	0.0329396	0.511593	-1.95468	0.00655323	2.58287	2.58287	0.201738	1.43648	1.43648	0.00701331	2.55157	2.55157	0.665464	0.889689	-1.12399	5.38634	6.15842	1.0163	1
cg10837806	PTGDR	0.0171827	0.299092	0.719296	-1.39025	0.0633312	1.89515	1.89515	0.821236	0.933059	-1.07174	0.877605	1.04831	1.04831	0.430015	0.781441	-1.27969	0.449027	1.26641	1.26641	0.0280567	0.451879	-2.21298	0.0012562	4.22927	4.22927	0.101725	1.73061	1.73061	4.95173	7.35042	1.31948	1
cg24089118	PTGDR	0.0199655	0.674257	0.752954	-1.3281	0.010587	8.65361	8.65361	0.779593	1.20721	1.20721	0.613942	1.40696	1.40696	0.884478	0.907024	-1.10251	0.467324	0.608696	-1.64286	0.942317	1.04977	1.04977	0.000686312	32.467	32.467	0.135253	2.94683	2.94683	4.70732	33.5897	6.34278	1
cg24989962	PTGDR	0.0314611	0.658167	0.65987	-1.51545	0.0218177	13.0623	13.0623	0.932562	0.924024	-1.08222	0.99162	0.990243	-1.00985	0.679295	0.678326	-1.47422	0.45627	0.492443	-2.03069	0.636789	0.641426	-1.55903	0.00193597	60.0401	60.0401	0.0412616	9.00735	9.00735	4.0182	55.4696	12.2707	1
cg19716643	PTGDR	0.0358759	0.53354	0.728866	-1.37199	0.487288	0.701903	-1.4247	0.0856984	0.385724	-2.59253	0.336453	1.64389	1.64389	0.1809	0.49042	-2.03907	0.756151	0.855361	-1.1691	0.308564	0.589451	-1.69649	0.00233762	8.42247	8.42247	0.146117	2.18698	2.18698	3.83264	15.2688	3.54124	1
cg09516965	PTGDR;PTGDR	6.05E-05	0.886072	1.03475	1.03475	0.194201	1.38715	1.38715	0.47521	1.18887	1.18887	0.735116	1.08427	1.08427	0.701942	1.09594	1.09594	0.545465	0.864346	-1.15694	0.356289	0.797668	-1.25365	4.61E-07	29.5085	29.5085	0.070658	1.61816	1.61816	25.3094	22.7549	0.799173	1
cg05302386	PTGDR;PTGDR	0.00194409	0.224944	0.422018	-2.36957	0.428908	1.70965	1.70965	0.687129	1.30496	1.30496	0.0213593	0.127445	-7.84653	?	?	?	?	?	?	?	?	?	0.000169671	514.441	514.441	0.093463	3.62961	3.62961	21.7912	90.6307	3.46587	1
cg13602921	PTGDS	0.0032168	0.944214	1.0133	1.0133	0.72705	0.935998	-1.06838	0.91424	0.979873	-1.02054	0.724945	1.06895	1.06895	0.000163539	0.297136	-3.36546	0.0274876	1.63581	1.63581	0.00714842	1.92633	1.92633	0.10597	0.716581	-1.39552	0.567512	1.11524	1.11524	8.38237	4.72941	0.501519	1
cg21240441	PTGDS	0.0435498	0.0499011	0.649324	-1.54006	0.723421	0.933688	-1.07102	0.658866	0.917785	-1.08958	0.00225294	0.43798	-2.28321	0.0319487	0.615478	-1.62475	0.0239423	0.594396	-1.68238	0.362132	0.83454	-1.19827	0.629084	0.910298	-1.09854	0.796303	0.951276	-1.05122	3.56893	2.1076	0.524926	1
cg10468702	PTGER1	0.00767986	0.374364	0.780223	-1.28168	0.0554276	1.80564	1.80564	0.0744077	1.71777	1.71777	0.213512	1.42836	1.42836	0.0129098	0.431675	-2.31656	0.00683603	2.59489	2.59489	0.00540959	0.36919	-2.70864	0.112123	1.60134	1.60134	0.990398	0.99673	-1.00328	6.42609	7.53951	1.0429	1
cg05697695	PTGER1	0.0104491	0.0264289	4.48202	4.48202	0.00820942	6.87133	6.87133	0.0469595	3.65475	3.65475	0.13314	2.51784	2.51784	0.016879	5.26616	5.26616	0.0907629	2.89212	2.89212	0.00110809	15.4778	15.4778	0.00674975	7.40032	7.40032	0.0210153	4.86552	4.86552	5.82801	29.9817	4.5728	1
cg03020379	PTGER1	0.0203403	0.589098	1.43288	1.43288	0.215341	0.423081	-2.36361	0.823159	0.862744	-1.15909	0.728527	0.794674	-1.25838	0.18101	2.55165	2.55165	0.73443	1.25181	1.25181	0.000500904	0.0275936	-36.2402	0.319853	1.96996	1.96996	0.313218	1.98975	1.98975	4.67765	32.2299	6.12462	1
cg02952703	PTGER1	0.0406406	0.120471	3.13234	3.13234	0.0053538	12.0215	12.0215	0.0371823	5.15497	5.15497	0.144605	2.89301	2.89301	0.0210361	6.56387	6.56387	0.119009	3.14893	3.14893	0.0335836	5.38123	5.38123	0.03552	5.25539	5.25539	0.050706	4.52367	4.52367	3.66162	26.6527	6.47017	1
cg00612299	PTGER1	0.041058	0.031681	3.30228	3.30228	0.0710019	2.60292	2.60292	0.131832	2.16289	2.16289	0.145826	2.09721	2.09721	0.11137	2.27618	2.27618	0.0539124	2.82319	2.82319	0.210035	0.534449	-1.87109	0.0204858	3.75953	3.75953	0.0129824	4.31536	4.31536	3.64783	12.9959	3.16679	1
cg17904717	PTGER2	0.000255473	0.0870611	0.755265	-1.32404	0.000240404	0.405442	-2.46644	1.07E-05	0.247665	-4.03772	0.926636	0.986412	-1.01377	0.00129916	0.498627	-2.00551	0.0223234	0.665821	-1.5019	0.0953865	1.3128	1.3128	0.587382	0.921835	-1.08479	0.0233903	0.668732	-1.49537	17.1882	6.00713	0.310659	1
cg21502048	PTGER2	0.00566461	0.0665926	0.505873	-1.97678	0.597515	0.83818	-1.19306	0.00301113	0.259885	-3.84785	0.0096738	0.338028	-2.95834	0.00111027	0.203534	-4.91319	0.9056	1.04009	1.04009	0.00166706	0.225413	-4.4363	0.0492501	0.475405	-2.10347	0.0801639	0.525646	-1.90242	7.06325	12.2785	1.54521	1
cg16134491	PTGER2	0.0106484	0.700235	1.06013	1.06013	0.0203262	1.52532	1.52532	0.0256158	0.67016	-1.49218	0.0830944	1.33592	1.33592	0.00184461	0.513021	-1.94924	0.954569	0.991437	-1.00864	0.0756927	0.741987	-1.34773	0.378592	0.872534	-1.14609	0.201869	1.22558	1.22558	5.79276	2.09024	0.320743	1
cg09208942	PTGER2	0.0234856	0.10295	0.55884	-1.78942	0.184902	0.632141	-1.58192	0.00565301	0.305928	-3.26874	0.0406643	0.462602	-2.16168	0.202502	0.644761	-1.55096	0.743295	0.898355	-1.11315	0.361584	0.736462	-1.35784	0.208548	0.64893	-1.541	0.00108031	0.207174	-4.82685	4.45264	7.50265	1.49777	1
cg21504945	PTGER2	0.0411516	0.149889	0.544479	-1.83662	0.0300693	0.366142	-2.73118	0.0799992	0.465349	-2.14893	0.0808932	0.466624	-2.14305	0.0021817	0.183986	-5.43519	0.0454726	0.405195	-2.46795	0.220456	0.602107	-1.66084	0.0451726	0.404539	-2.47195	0.37201	0.697017	-1.43469	3.64476	8.95213	2.18326	1
cg06738602	PTGER2	0.0469807	0.406103	0.803817	-1.24406	0.107176	1.57121	1.57121	0.779882	1.07464	1.07464	0.133485	0.659761	-1.5157	0.0134312	0.455425	-2.19575	0.598461	0.872367	-1.14631	0.0183537	0.479357	-2.08613	0.146206	1.49301	1.49301	0.406571	1.24378	1.24378	3.46895	3.62723	0.929447	1
cg23693907	PTGER2;PTGER2	0.0251592	0.280102	0.816151	-1.22526	0.0666204	1.45083	1.45083	0.181439	1.29264	1.29264	0.364127	0.844725	-1.18382	0.94182	0.98688	-1.01329	0.609147	0.910914	-1.0978	0.000905146	0.407289	-2.45526	0.423644	0.862549	-1.15935	0.630812	1.09157	1.09157	4.34762	2.2543	0.460901	1
cg12603671	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.0123795	0.0233949	0.228606	-4.37434	0.0391807	0.272452	-3.67037	0.053846	0.303399	-3.29599	0.965583	1.02379	1.02379	0.00950382	0.166947	-5.98993	0.14827	2.32783	2.32783	0.00169732	0.086914	-11.5056	0.468474	0.669052	-1.49465	0.0415112	0.277835	-3.59926	5.51741	25.9409	4.17924	1
cg15930219	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	1.94E-05	0.000170246	0.377503	-2.64898	4.46E-06	0.199997	-5.00008	2.45E-05	0.278105	-3.59576	2.30E-05	0.275043	-3.6358	0.114139	0.769579	-1.29941	0.00985618	0.60831	-1.6439	1.34E-05	0.249316	-4.01097	0.475908	0.895406	-1.11681	0.000410237	0.425235	-2.35164	34.144	12.5596	0.32697	1
cg16823292	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.00188061	0.591317	1.13173	1.13173	0.15259	1.41879	1.41879	0.465162	0.843911	-1.18496	0.192	0.729555	-1.3707	2.44E-05	0.146841	-6.81007	0.855237	0.959161	-1.04258	0.743468	1.07786	1.07786	0.533847	0.866009	-1.15472	0.0414093	0.584487	-1.7109	9.81614	8.1039	0.733838	1
cg17218713	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.00198986	0.917241	1.01786	1.01786	0.232729	0.808098	-1.23747	0.317162	0.83856	-1.19252	0.344753	0.8473	-1.18022	0.0538213	0.688818	-1.45176	0.946679	1.01145	1.01145	0.0060472	0.543061	-1.84141	7.15E-05	3.42921	3.42921	0.877108	0.973995	-1.0267	9.65618	4.43383	0.408151	1
cg06937997	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.0106966	0.967949	0.984131	-1.01612	0.60004	1.23446	1.23446	0.107636	2.01177	2.01177	0.405126	0.712409	-1.40369	0.000888093	0.137751	-7.25946	0.0790878	0.460156	-2.17318	0.00309799	0.199639	-5.00905	0.965246	0.982804	-1.0175	0.244484	0.615866	-1.62373	5.78436	14.5199	2.23129	1
cg03726881	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.017688	0.113995	0.71396	-1.40064	0.609985	0.904104	-1.10607	0.120098	0.71862	-1.39156	0.165534	0.748395	-1.33619	0.29566	0.808554	-1.23678	0.534454	0.884011	-1.13121	0.00100015	0.383862	-2.6051	0.0184337	1.75109	1.75109	0.26837	0.79779	-1.25346	4.90385	2.98234	0.54059	1
cg12739034	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.0278403	0.0480669	0.770446	-1.29795	0.0830743	0.80134	-1.24791	0.0222519	0.728881	-1.37197	0.0717936	0.79295	-1.26111	0.948838	1.00743	1.00743	0.825791	1.02577	1.02577	0.00537104	0.655014	-1.52668	0.0726652	1.26002	1.26002	0.247849	0.869848	-1.14963	4.19622	0.885278	0.187529	1
cg14963735	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.0352953	0.515261	1.22771	1.22771	0.212705	1.50395	1.50395	0.484246	1.24736	1.24736	0.770067	1.09541	1.09541	0.00349479	0.291698	-3.42821	0.484289	0.801712	-1.24733	0.0394844	0.476845	-2.09712	0.103382	1.74	1.74	0.228671	1.48117	1.48117	3.85538	5.90347	1.36109	1
cg04727116	PTGER4	0.00112618	0.846372	0.964433	-1.03688	0.555484	0.894642	-1.11777	0.325452	1.20872	1.20872	0.200522	1.28716	1.28716	1.40E-05	0.184117	-5.43132	0.0791029	0.694907	-1.43904	0.669754	1.08339	1.08339	0.124301	0.732928	-1.36439	0.116	0.726922	-1.37566	11.3759	6.27996	0.490705	1
cg11821200	PTGER4	0.00515786	0.00342439	0.20778	-4.81279	0.127213	0.521143	-1.91886	0.00423999	0.22036	-4.53804	0.00377271	0.213417	-4.68565	0.174388	0.565027	-1.76983	0.00804348	0.261436	-3.82503	0.0599333	0.432288	-2.31327	0.00154018	0.165261	-6.05102	0.00575698	0.239328	-4.17836	7.26922	17.9747	2.19797	1
cg16104076	PTGER4	0.0292312	0.026189	3.64295	3.64295	0.0120861	4.63482	4.63482	0.0700419	2.69856	2.69856	0.232986	1.84585	1.84585	0.0350127	3.33325	3.33325	0.0428316	3.13468	3.13468	0.00478397	6.26752	6.26752	0.0254535	3.67497	3.67497	0.0830779	2.56116	2.56116	4.12463	15.6917	3.38168	1
cg26597539	PTGER4	0.0344345	0.444825	0.604809	-1.65341	0.0135942	7.17858	7.17858	0.0354876	4.85688	4.85688	0.439982	1.66266	1.66266	0.175984	0.395014	-2.53156	0.465943	0.619408	-1.61445	0.317841	0.513476	-1.94751	0.00950878	8.33737	8.33737	0.74104	0.807271	-1.23874	3.88997	25.6756	5.86707	1
cg04790357	PTGER4;PTGER4	0.00193287	0.449797	0.839007	-1.19189	0.222529	0.746626	-1.33936	0.00278683	2.55906	2.55906	0.306577	0.785627	-1.27287	0.173289	0.718731	-1.39134	0.224096	1.3379	1.3379	0.0107875	0.481897	-2.07513	0.000308361	3.79999	3.79999	0.0214618	1.87714	1.87714	9.73821	8.01302	0.731416	1
cg04126707	PTGER4;PTGER4	0.00621477	0.127887	0.90315	-1.10724	0.523351	0.960764	-1.04084	0.116406	0.8998	-1.11136	0.974393	0.998016	-1.00199	0.499746	1.04331	1.04331	0.000817129	1.36646	1.36646	0.0019766	0.762996	-1.31062	0.610524	1.0323	1.0323	0.337895	1.06305	1.06305	6.86415	0.416358	0.0539172	1
cg17683775	PTGES	0.00660424	0.0348173	0.562723	-1.77707	0.0169817	0.50641	-1.97468	0.000326557	0.257363	-3.88556	0.94569	0.984203	-1.01605	0.0171177	0.507011	-1.97234	0.368387	0.805781	-1.24103	0.00428221	0.409391	-2.44265	0.0473779	0.588475	-1.69931	0.509047	0.855075	-1.16949	6.73602	5.82814	0.769085	1
cg26672426	PTGES	0.00718645	0.00276739	0.299778	-3.33581	0.0425985	1.97667	1.97667	0.744532	1.10014	1.10014	0.383863	1.29774	1.29774	0.117975	0.609275	-1.6413	0.00806512	2.69256	2.69256	0.193703	1.49391	1.49391	0.0109885	0.39403	-2.53788	0.722581	0.901185	-1.10965	6.56107	8.85287	1.19938	1
cg14230280	PTGES	0.0107423	0.00885189	0.158749	-6.29926	0.0079147	0.152404	-6.56151	0.00340871	0.111002	-9.00883	0.0382361	0.265395	-3.76797	0.00746663	0.149184	-6.70312	0.0317736	0.249024	-4.01567	0.00658376	0.142424	-7.0213	0.0500532	0.291084	-3.43543	0.0692312	0.32538	-3.07333	5.77644	27.9101	4.29486	1
cg13833419	PTGES2;LOC389791;PTGES2;PTGES2	0.00982639	0.201619	0.77614	-1.28843	0.00613915	1.95809	1.95809	0.00547015	1.98699	1.98699	0.870334	0.969764	-1.03118	0.91443	0.980002	-1.02041	0.00800958	0.528022	-1.89386	0.617708	0.909768	-1.09918	0.0538657	0.662748	-1.50887	0.39784	0.84985	-1.17668	5.9438	3.32493	0.497239	1
cg05930684	PTGES2;PTGES2;LOC389791;PTGES2	0.00017032	0.0032994	0.545048	-1.8347	0.0321004	0.683421	-1.46323	0.741356	1.0515	1.0515	0.159327	1.25612	1.25612	0.000148478	0.372102	-2.68744	0.0492079	0.711503	-1.40548	2.28E-05	0.276514	-3.61646	7.53E-05	0.336497	-2.97179	0.0699526	0.73549	-1.35964	19.1876	6.98567	0.323619	1
cg13653153	PTGES2;PTGES2;PTGES2	0.0304693	0.412706	1.18356	1.18356	0.537163	0.881841	-1.13399	0.0586811	0.650669	-1.53688	0.0051403	0.475352	-2.1037	0.111865	1.41681	1.41681	0.890998	1.02798	1.02798	0.0505156	1.56593	1.56593	0.0938431	1.44881	1.44881	0.627441	0.90627	-1.10342	4.06435	2.60661	0.570075	1
cg11439834	PTGES3	0.0244312	0.65486	1.11707	1.11707	0.134387	1.48764	1.48764	0.363532	1.25831	1.25831	0.471261	1.1976	1.1976	0.312209	0.773188	-1.29335	0.114241	1.52612	1.52612	0.777026	0.932523	-1.07236	0.000761884	3.50827	3.50827	0.0271177	1.90345	1.90345	4.3922	4.21162	0.852343	1
cg05872485	PTGES3	0.031294	0.0540698	0.732925	-1.3644	0.745876	1.04729	1.04729	0.120518	1.27036	1.27036	0.51612	0.910681	-1.09808	0.00591402	0.599488	-1.66809	0.0220666	0.67697	-1.47717	0.076224	0.75553	-1.32357	0.0667791	0.746725	-1.33918	0.625226	1.07246	1.07246	4.02585	1.28759	0.284295	1
cg13853217	PTGES3	0.0337961	0.69262	0.950403	-1.05219	0.279653	0.865975	-1.15477	0.0172402	0.689709	-1.44989	0.0410709	1.3523	1.3523	0.90328	1.01569	1.01569	0.897981	1.01656	1.01656	0.047907	1.33584	1.33584	0.0748062	1.28927	1.28927	0.0281444	1.39368	1.39368	3.91632	1.01677	0.230776	1
cg12713142	PTGES3	0.0386912	0.0585777	0.665914	-1.5017	0.00247992	2.22635	2.22635	0.53779	1.12605	1.12605	0.651142	1.09048	1.09048	0.343407	0.830497	-1.2041	0.790043	1.05209	1.05209	0.0537146	1.51716	1.51716	0.89043	0.974112	-1.02658	0.495578	0.876629	-1.14073	3.72844	2.1382	0.509764	1
cg22366350	PTGES3	0.0407354	0.0268221	17.3915	17.3915	0.0200791	21.205	21.205	0.0410086	13.0376	13.0376	0.0755252	8.6225	8.6225	0.297824	3.23883	3.23883	0.0321361	15.3794	15.3794	0.0707672	9.01224	9.01224	0.0105466	33.2324	33.2324	0.029292	16.379	16.379	3.65847	68.7032	16.6926	1
cg00701741	PTGFR;PTGFR	0.00405421	0.122131	0.870318	-1.14901	0.67045	1.03612	1.03612	0.0714128	1.18165	1.18165	0.000262394	0.608153	-1.64432	0.464096	1.06372	1.06372	0.00470724	0.732448	-1.36528	0.137761	0.875907	-1.14167	0.166806	1.12997	1.12997	0.529056	1.05429	1.05429	7.82068	0.851227	0.0967494	1
cg09685982	PTGFR;PTGFR	0.00435401	0.052487	0.691345	-1.44646	0.0032944	1.95475	1.95475	0.0147539	1.6526	1.6526	0.498929	1.12177	1.12177	0.254734	0.819489	-1.22027	0.410851	0.868678	-1.15117	0.00397602	0.522959	-1.9122	0.010914	0.585732	-1.70726	0.34762	1.17573	1.17573	7.65386	3.39714	0.394531	1
cg02859837	PTGFR;PTGFR	0.00732675	0.992618	1.00159	1.00159	0.0633127	1.43286	1.43286	0.000647366	2.46233	2.46233	0.143554	0.762859	-1.31086	0.0893074	0.724215	-1.3808	0.836727	1.03618	1.03618	0.452566	1.14087	1.14087	0.425367	0.869188	-1.1505	0.00482518	1.90396	1.90396	6.52154	3.0636	0.41757	1
cg23630568	PTGFR;PTGFR	0.0102926	0.925952	0.973377	-1.02735	0.7394	0.907641	-1.10176	0.00159913	0.268645	-3.72239	0.0041806	0.328251	-3.04645	0.0915607	0.583154	-1.71481	0.707597	1.11558	1.11558	0.460296	0.803952	-1.24385	0.00323051	0.311537	-3.20989	0.0371625	0.495443	-2.01839	5.8563	7.81543	1.18625	1
cg03949391	PTGFR;PTGFR;PTGFR;PTGFR	0.0112015	0.0464171	3.20626	3.20626	0.0298285	0.271002	-3.69001	0.12678	0.43019	-2.32456	0.130029	2.30539	2.30539	0.786899	1.14843	1.14843	?	?	?	0.00144334	0.0951905	-10.5053	0.385203	0.634645	-1.57568	0.284377	1.7647	1.7647	5.81154	21.3415	3.67227	1
cg04997273	PTGFRN	3.86E-07	2.32E-07	0.146425	-6.82945	5.15E-07	0.420005	-2.38093	4.88E-07	0.400428	-2.49733	5.94E-06	1.07802	1.07802	6.50E-07	1.98611	1.98611	?	?	?	4.59E-07	2.64566	2.64566	3.17E-06	1.15106	1.15106	2.29E-07	7.0214	7.0214	4.01E+12	21.8985	6.82E-13	1
cg17042439	PTGFRN	0.000738728	0.0136322	0.466232	-2.14485	0.000907651	0.289141	-3.45852	0.0127438	0.461204	-2.16824	0.260448	0.745638	-1.34113	2.81E-05	0.127421	-7.84799	0.438619	1.21842	1.21842	0.00232355	0.345231	-2.89661	0.894467	0.967356	-1.03375	0.369552	0.794183	-1.25916	12.8159	12.6925	0.880327	1
cg08870281	PTGFRN	0.00237167	0.000591155	0.294123	-3.39994	0.636046	0.895888	-1.11621	0.7006	0.914751	-1.09319	0.0908752	0.650796	-1.53658	0.00395672	0.409083	-2.44449	0.952235	0.98628	-1.01391	0.00596767	0.436486	-2.29103	0.00257798	2.62108	2.62108	0.599537	0.88498	-1.12997	9.17304	7.72712	0.748776	1
cg03214385	PTGFRN	0.00261632	0.000307524	0.541917	-1.8453	0.63249	0.95087	-1.05167	0.0002552	0.53267	-1.87734	0.00992136	0.711356	-1.40577	0.798295	0.973579	-1.02714	0.206531	0.869964	-1.14947	0.192504	0.865694	-1.15514	0.441939	1.08543	1.08543	0.824881	0.977095	-1.02344	8.91183	1.54307	0.15391	1
cg11708721	PTGFRN	0.00319986	0.0431076	0.466698	-2.14271	0.00614183	0.310129	-3.22447	0.186492	0.632168	-1.58186	0.170149	1.61353	1.61353	0.000238124	0.136297	-7.3369	0.434959	1.29804	1.29804	0.00757293	0.324679	-3.07997	0.167922	1.61811	1.61811	0.589695	0.836704	-1.19517	8.39557	14.2588	1.50966	1
cg14027204	PTGFRN	0.00577826	0.644538	0.900824	-1.1101	0.990318	0.997276	-1.00273	0.811212	1.05527	1.05527	0.361507	1.23476	1.23476	0.000123044	0.221768	-4.50921	0.235395	1.32257	1.32257	0.0342227	1.74274	1.74274	0.988856	1.00314	1.00314	0.946611	1.01517	1.01517	7.0202	5.61966	0.711554	1
cg24047400	PTGFRN	0.00604395	0.979199	0.995083	-1.00494	0.409384	1.17293	1.17293	0.785415	1.05295	1.05295	0.438108	0.861119	-1.16128	0.133859	0.736649	-1.3575	0.516729	1.13234	1.13234	0.000152298	0.292838	-3.41486	0.63297	1.09522	1.09522	0.0281941	1.63221	1.63221	6.92354	3.91895	0.50314	1
cg15937641	PTGFRN	0.0067913	0.790874	0.947713	-1.05517	0.125814	0.715534	-1.39756	0.118014	0.709651	-1.40914	0.968587	0.992074	-1.00799	0.000139486	0.264609	-3.77916	0.146285	0.729697	-1.37043	0.517787	1.14168	1.14168	0.0836737	1.47232	1.47232	0.976377	1.006	1.006	6.67778	4.31846	0.574836	1
cg08361238	PTGFRN	0.00869313	0.152479	1.29589	1.29589	0.00894528	0.569863	-1.75481	0.0874236	1.37591	1.37591	0.0232315	1.5822	1.5822	0.462145	0.881092	-1.13495	0.827743	1.03754	1.03754	0.0041973	0.522803	-1.91277	0.0538543	0.690597	-1.44802	0.120813	1.32914	1.32914	6.17995	2.79946	0.402659	1
cg24687529	PTGFRN	0.0143934	0.129126	0.585727	-1.70728	0.0698718	0.516237	-1.93709	0.11984	0.576682	-1.73406	0.866018	0.946408	-1.05663	0.000258367	0.140668	-7.10891	0.498253	1.2514	1.2514	0.193605	0.638465	-1.56626	0.749816	1.11	1.11	0.465248	0.784731	-1.27432	5.25177	8.84992	1.49789	1
cg20963995	PTGFRN	0.0162184	0.000655503	0.0766233	-13.0509	0.142432	0.481737	-2.07582	0.0503579	0.352392	-2.83775	0.993976	0.996548	-1.00346	?	?	?	0.566589	1.30444	1.30444	0.0532266	0.358303	-2.79093	0.0750906	0.39721	-2.51756	0.084685	0.411774	-2.42851	5.75424	16.6384	2.53006	1
cg07013552	PTGFRN	0.0208692	0.00115332	0.546244	-1.83068	0.0319928	1.37458	1.37458	0.2962	1.147	1.147	0.990433	0.998483	-1.00152	0.0706967	0.774354	-1.2914	0.192893	0.839895	-1.19062	0.446462	0.906417	-1.10325	0.44259	0.905627	-1.10421	0.615803	0.937947	-1.06616	4.63691	1.17735	0.225696	1
cg08113916	PTGFRN	0.0270127	0.0711982	0.45725	-2.18699	0.0132825	0.303804	-3.29159	0.00988599	0.28204	-3.5456	0.486452	0.759891	-1.31598	0.111828	0.5105	-1.95887	0.983841	1.0079	1.0079	0.00355846	0.215748	-4.63503	0.4713	1.32914	1.32914	0.334408	0.679388	-1.47191	4.24096	10.127	2.12258	1
cg22858959	PTGFRN	0.0304717	0.0163007	0.174761	-5.7221	0.0259668	0.208106	-4.80525	0.0111759	0.151306	-6.60913	0.130328	0.378945	-2.6389	0.123428	0.371189	-2.69405	0.120782	0.368151	-2.71628	0.00384774	0.098935	-10.1076	0.49178	0.660547	-1.5139	0.0594005	0.282569	-3.53896	4.06423	22.7032	4.96542	1
cg08936785	PTGFRN	0.0359743	0.115907	1.61972	1.61972	0.0399766	0.51172	-1.9542	0.214832	1.44556	1.44556	0.186145	1.48523	1.48523	0.998663	0.999527	-1.00047	0.922477	1.02785	1.02785	0.0318746	0.491762	-2.0335	0.0263486	0.475525	-2.10294	0.0823759	1.72122	1.72122	3.82883	4.82966	1.12124	1
cg03311682	PTGIR	0.00209106	0.00546449	1.26543	1.26543	0.110446	0.89399	-1.11858	0.0798144	0.882291	-1.13341	0.325215	1.06763	1.06763	0.00532803	0.789374	-1.26683	0.348156	1.0642	1.0642	0.00331814	1.29383	1.29383	0.00809915	0.803776	-1.24413	0.0104867	0.812602	-1.23061	9.51751	0.625582	0.0584263	1
cg04057485	PTGIR	0.0200251	0.728563	1.05617	1.05617	0.838363	0.968466	-1.03256	0.0168217	0.63279	-1.5803	0.62819	0.926303	-1.07956	0.415782	1.13937	1.13937	0.0346503	1.47163	1.47163	0.00743804	1.71732	1.71732	0.641557	1.07632	1.07632	0.0189175	0.640233	-1.56193	4.70256	1.83286	0.346452	1
cg15430294	PTGIR	0.0378098	0.0084967	0.326397	-3.06375	0.0644846	0.500424	-1.9983	0.0581732	0.489854	-2.04143	0.0801467	0.523566	-1.90998	0.0384249	0.44955	-2.22445	0.0161225	0.374808	-2.66803	0.948043	0.978512	-1.02196	0.0513028	0.477272	-2.09524	0.0249213	0.410826	-2.43412	3.76003	6.61621	1.5641	1
cg07844738	PTGIR	0.0481194	0.906277	0.975769	-1.02483	0.846273	1.04125	1.04125	0.0945666	0.682016	-1.46624	0.141645	0.719548	-1.38976	0.00132594	0.378166	-2.64434	0.454966	0.853424	-1.17175	0.0475863	0.623822	-1.60302	0.770378	0.940865	-1.06285	0.285362	0.793659	-1.25999	3.43774	2.36162	0.610639	1
cg06357305	PTGIS	0.00944876	0.00728335	0.163596	-6.11263	0.0053194	0.146477	-6.82702	0.115635	0.408777	-2.44632	0.94752	0.966156	-1.03503	0.00575266	0.1506	-6.6401	0.0837331	0.367475	-2.72128	0.013641	0.202728	-4.93271	0.0945109	0.382382	-2.61519	0.00195091	0.101137	-9.8876	6.01855	26.0784	3.85156	1
cg05932408	PTGIS	0.0102979	0.00137911	0.605444	-1.65168	0.0790207	1.23484	1.23484	0.474774	0.924393	-1.08179	0.870321	1.01783	1.01783	0.589262	0.942747	-1.06073	0.0806071	1.23318	1.23318	0.0470801	0.782086	-1.27863	0.248664	1.13932	1.13932	0.0193213	1.358	1.358	5.85533	1.08492	0.1647	1
cg10772290	PTGIS	0.0342241	0.044517	0.71163	-1.40522	0.2834	1.17861	1.17861	0.383731	1.14076	1.14076	0.862217	0.974711	-1.02594	0.160236	0.801542	-1.2476	0.270168	0.844256	-1.18447	0.00333955	0.554907	-1.8021	0.140945	1.263	1.263	0.271373	1.18393	1.18393	3.89859	1.34245	0.306082	1
cg19577548	PTGIS	0.0420526	0.0375515	0.482208	-2.07379	0.492253	1.2347	1.2347	0.283997	0.714303	-1.39997	0.125246	0.605561	-1.65136	0.0209694	0.431893	-2.31539	0.942356	1.0221	1.0221	0.00484754	0.323273	-3.09336	0.215856	0.674536	-1.4825	0.03888	0.48537	-2.06029	3.61565	5.23242	1.28637	1
cg08788055	PTGIS	0.0441428	0.122002	1.7944	1.7944	0.0922081	1.90887	1.90887	0.218033	1.57142	1.57142	0.122692	1.79215	1.79215	0.0310152	2.41866	2.41866	0.0251304	2.53227	2.53227	0.0029365	4.15776	4.15776	0.0518468	2.1636	2.1636	0.589918	1.209	1.209	3.55097	6.84287	1.71293	1
cg13397260	PTGR1;PTGR1;PTGR1	3.05E-06	3.74E-05	0.184189	-5.4292	0.442398	1.18204	1.18204	0.00254533	0.408982	-2.4451	0.206692	0.752493	-1.32892	2.58E-07	0.0380723	-26.2658	0.00111912	0.358911	-2.7862	5.27E-07	0.0507222	-19.7152	0.706408	0.922377	-1.08416	0.000117536	0.236958	-4.22015	55.1298	39.8076	0.641841	1
cg14561904	PTGR1;PTGR1;PTGR1	0.00391432	0.00160249	0.373954	-2.67413	0.20844	1.33399	1.33399	0.158199	0.720478	-1.38797	0.426033	1.19319	1.19319	0.000313956	0.281012	-3.55857	0.0267457	0.565329	-1.76888	0.0288319	0.57113	-1.75092	0.925781	1.02045	1.02045	0.185922	0.737292	-1.35631	7.90388	5.91147	0.664818	1
cg26579653	PTGR2;PTGR2;PTGR2	1.10E-05	0.0051748	0.394398	-2.53551	0.254981	0.741136	-1.34928	0.00548841	2.51009	2.51009	0.00832206	0.427359	-2.33995	2.97E-07	0.0226134	-44.2216	0.000364342	4.22005	4.22005	0.021892	0.499952	-2.00019	0.00410066	0.378831	-2.6397	0.00699132	0.415082	-2.40916	39.5437	39.79	0.894426	1
cg04716394	PTGR2;PTGR2;PTGR2	0.00117822	0.491226	1.18529	1.18529	0.00648908	0.423062	-2.36372	0.126248	0.668849	-1.49511	0.000847495	3.3857	3.3857	0.100763	0.645954	-1.5481	0.000981978	3.29172	3.29172	0.0308079	0.53977	-1.85264	0.0088781	0.445019	-2.2471	0.679772	0.904012	-1.10618	11.2303	10.5134	0.832144	1
cg01511804	PTGR2;PTGR2;PTGR2	0.00433757	0.00371281	0.212627	-4.70308	0.817225	1.09097	1.09097	0.469552	1.31965	1.31965	?	?	?	?	?	?	0.0473184	0.418322	-2.3905	0.402085	0.723561	-1.38205	?	?	?	0.000488466	0.109144	-9.16217	9.60781	14.0385	1.70468	1
cg22833375	PTGR2;PTGR2;PTGR2	0.00538165	0.811294	1.04636	1.04636	0.348643	1.20059	1.20059	0.454266	0.865524	-1.15537	9.26E-05	3.75033	3.75033	0.406594	0.851417	-1.17451	0.059818	1.49535	1.49535	0.212478	1.28249	1.28249	0.101261	1.40492	1.40492	0.3852	0.844784	-1.18373	7.17529	4.0793	0.505351	1
cg02275830	PTGR2;PTGR2;PTGR2;PTGR2	0.00953412	0.00480107	0.690923	-1.44734	0.322618	1.10621	1.10621	0.312616	1.1087	1.1087	0.462872	1.07662	1.07662	0.472221	0.930308	-1.07491	0.107205	0.840535	-1.18972	0.000590025	0.591918	-1.68942	0.0987026	0.836209	-1.19587	0.962195	1.00469	1.00469	6.00133	0.927706	0.137407	1
cg08234285	PTGR2;PTGR2;PTGR2;PTGR2;PTGR2	0.00951422	0.125741	1.21924	1.21924	0.158419	0.834949	-1.19768	0.00916965	0.673087	-1.48569	0.00321097	0.618053	-1.61798	0.456947	0.91335	-1.09487	0.220004	1.16683	1.16683	0.0048162	0.639236	-1.56437	0.91965	0.988001	-1.01214	0.190495	1.18041	1.18041	6.00533	1.36141	0.201511	1
cg13974165	PTGS1;PTGS1	0.000478459	?	?	?	0.00650671	0.560543	-1.78399	0.00115089	0.457505	-2.18577	0.000119302	0.3324	-3.00842	0.879157	1.02522	1.02522	0.0410129	1.47105	1.47105	0.0145503	1.63662	1.63662	0.0216845	1.57013	1.57013	0.361801	0.857759	-1.16583	14.8195	5.5895	0.377173	1
cg22365834	PTGS2	0.000511938	0.0204157	1.70741	1.70741	0.000313718	0.326796	-3.06002	0.000979059	0.391166	-2.55646	0.394546	1.1817	1.1817	0.0310658	1.62346	1.62346	0.681535	1.0822	1.0822	0.00031263	3.06179	3.06179	0.569666	1.11628	1.11628	0.541089	0.888296	-1.12575	14.1973	8.24144	0.515996	1
cg16101346	PTGS2	0.00420379	0.00183476	0.0650828	-15.365	0.001068	0.0505518	-19.7817	0.00976413	0.133024	-7.51747	0.0871468	0.311599	-3.20926	0.0207581	0.179333	-5.57621	0.0497778	0.251217	-3.98062	0.00104071	0.0499289	-20.0285	0.136235	0.371186	-2.69406	0.0136575	0.152134	-6.57315	7.73559	46.6871	5.36476	1
cg04881125	PTGS2	0.00842417	0.179473	0.856607	-1.1674	0.000216086	0.511643	-1.95449	0.0114831	0.709455	-1.40953	0.911186	0.987961	-1.01219	0.17613	0.855455	-1.16897	0.315566	1.11923	1.11923	0.168091	0.852607	-1.17287	0.597364	1.05957	1.05957	0.980884	1.0026	1.0026	6.24166	1.16482	0.165884	1
cg00690431	PTGS2	0.00881853	0.18183	0.714143	-1.40028	0.633271	1.12097	1.12097	0.332232	0.788491	-1.26824	0.479922	1.18601	1.18601	0.661839	0.900728	-1.11021	0.142365	1.45447	1.45447	0.000312702	0.249457	-4.0087	0.0268598	0.536408	-1.86425	0.170379	1.41462	1.41462	6.15198	5.49863	0.794487	1
cg26564040	PTGS2	0.025608	0.777437	1.0779	1.0779	0.0156325	2.19143	2.19143	0.255914	1.3688	1.3688	0.532596	1.18213	1.18213	0.0365848	0.525705	-1.90221	0.843663	0.949076	-1.05366	0.00322176	0.34507	-2.89796	0.959129	1.01366	1.01366	0.551991	0.852757	-1.17267	4.32092	4.79523	0.986463	1
cg07422329	PTGS2	0.03419	0.254117	0.590107	-1.69461	0.0999397	0.450022	-2.22211	0.0151197	0.266557	-3.75155	0.145137	0.500081	-1.99968	0.010547	0.240494	-4.15811	0.0518466	0.37532	-2.66439	0.0130967	0.255897	-3.90782	0.227623	1.75235	1.75235	0.212656	0.559126	-1.78851	3.89999	12.1172	2.76177	1
cg05080074	PTH	2.49E-05	0.0582033	0.731548	-1.36696	0.942006	0.989432	-1.01068	0.000738381	0.473068	-2.11386	5.15E-05	0.330744	-3.02348	0.518333	1.10034	1.10034	3.68E-05	0.313639	-3.18838	1.19E-06	0.159662	-6.26322	0.466675	1.11423	1.11423	0.0118344	0.631976	-1.58234	31.9735	10.7976	0.300181	1
cg20240757	PTH	0.0017575	0.49179	1.30189	1.30189	0.00154973	0.179121	-5.58281	0.00717676	0.269429	-3.71156	0.0004629	0.12474	-8.0167	0.200703	1.66637	1.66637	0.00262041	0.207165	-4.82707	0.563015	1.24725	1.24725	0.0107842	0.298137	-3.35417	0.0247177	0.364095	-2.74653	10.0109	22.6349	2.0098	1
cg16739463	PTH	0.0029809	4.40E-05	0.147264	-6.79052	0.152109	1.4615	1.4615	0.470033	0.833784	-1.19935	0.37112	1.25501	1.25501	0.692652	0.906413	-1.10325	0.425145	0.81755	-1.22317	0.879483	0.963167	-1.03824	0.731729	0.918405	-1.08884	0.030866	0.534186	-1.87201	8.57439	8.30772	0.861244	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24816298	PTH	0.00576192	0.0637458	0.376349	-2.65711	0.0332463	0.31132	-3.21213	0.0500144	0.350667	-2.85171	0.0147897	0.245043	-4.08092	0.00581441	0.183837	-5.4396
cg24577116	PTH	0.0288259	0.0798294	0.363463	-2.75131	0.200543	2.02172	2.02172	0.288317	0.563299	-1.77526	0.682075	0.806988	-1.23918	0.0457809	0.30355	-3.29435
cg16339096	PTH1R	0.000794395	0.00788457	0.459328	-2.1771	6.01E-05	5.43399	5.43399	0.397641	1.21858	1.21858	0.00896099	0.468265	-2.13554	0.380201	1.22809	1.22809
cg01178538	PTH1R	0.00267957	0.54836	0.922323	-1.08422	0.0017654	0.552658	-1.80944	0.00847067	0.639243	-1.56435	0.172947	0.824418	-1.21298	0.0578894	0.751678	-1.33036
cg02527881	PTH1R	0.00532729	0.0350812	0.483796	-2.06699	0.212643	1.47431	1.47431	0.829867	0.938347	-1.0657	0.0582106	0.530971	-1.88334	0.000407344	0.189927	-5.26519
cg26764345	PTH1R	0.00572637	0.685618	0.935203	-1.06929	0.274929	0.829458	-1.20561	0.0285789	1.52991	1.52991	0.543808	0.903802	-1.10644	0.797496	1.04323	1.04323
cg11640591	PTH1R	0.00599728	0.0013225	2.32558	2.32558	0.00690833	0.531675	-1.88085	0.235327	0.798735	-1.25198	0.228289	0.795747	-1.25668	0.0496658	0.667254	-1.49868
cg05717204	PTH1R	0.01224	0.0558125	0.556141	-1.79811	0.578138	1.1643	1.1643	0.292898	0.744183	-1.34375	0.492718	0.828071	-1.20763	0.137774	0.648708	-1.54152
cg10955958	PTH1R	0.0127509	0.0238671	0.403001	-2.48138	0.0344649	0.435446	-2.29649	0.543609	1.23027	1.23027	0.0232646	0.400824	-2.49486	0.029299	0.420832	-2.37625
cg01823497	PTH1R	0.0154458	0.0546911	0.718502	-1.39179	0.0782245	0.743204	-1.34552	0.801771	1.0389	1.0389	0.110166	0.767894	-1.30226	0.00321836	0.543443	-1.84012
cg03391568	PTH1R	0.0186356	0.0396165	0.362143	-2.76134	0.00498539	0.204663	-4.88609	0.0625429	0.40875	-2.44648	0.0130895	0.268837	-3.71972	0.00359011	0.185773	-5.38291
cg20202413	PTH1R	0.0217813	0.18937	1.55516	1.55516	0.0189464	0.405533	-2.46589	0.891158	0.957446	-1.04445	0.348894	0.736166	-1.35839	0.0501436	0.491968	-2.03265
cg06042608	PTH1R	0.0258943	0.049272	0.485595	-2.05933	0.295884	0.705461	-1.41751	0.0150013	0.381934	-2.61826	0.00942369	0.346683	-2.88448	0.00943768	0.346792	-2.88358
cg18707417	PTH1R	0.0316652	0.0253106	0.402238	-2.48609	0.434666	1.3139	1.3139	0.0213408	0.38773	-2.57911	0.551825	0.813697	-1.22896	0.0753064	0.507522	-1.97036
cg11195494	PTH1R	0.0362043	0.882229	0.982139	-1.01819	0.0835195	1.26224	1.26224	0.0782637	1.2685	1.2685	0.427912	0.906283	-1.10341	0.718936	1.04492	1.04492
cg23352942	PTH1R	0.0383553	0.640847	1.18434	1.18434	0.0508028	0.448762	-2.22835	0.407668	0.737136	-1.3566	0.0591492	2.15381	2.15381	0.400004	0.733277	-1.36374
cg11594731	PTH1R	0.0492648	0.271434	0.41487	-2.41039	0.00997729	0.0820634	-12.1857	0.0113834	0.0876561	-11.4082	0.131437	3.49522	3.49522	0.273695	0.41673	-2.39964
cg11315979	PTH2	4.28E-05	0.743658	1.03515	1.03515	0.404685	0.914152	-1.09391	0.153744	0.85148	-1.17443	0.351839	1.10613	1.10613	0.956374	0.994257	-1.00578
cg05248581	PTH2	6.08E-05	0.000554294	3.18031	3.18031	0.00555336	2.19575	2.19575	0.0520754	1.61134	1.61134	0.44141	1.18468	1.18468	0.48289	1.16644	1.16644
cg08567644	PTH2	7.39E-05	0.122844	1.43605	1.43605	0.96585	0.990775	-1.00931	0.168642	1.37373	1.37373	0.447918	1.18226	1.18226	0.134554	1.41803	1.41803
cg27103130	PTH2	0.000968233	0.805412	0.967744	-1.03333	0.128245	0.803787	-1.24411	0.00166972	1.81704	1.81704	0.495494	1.0963	1.0963	5.64E-05	2.70201	2.70201
cg07549194	PTH2	0.010429	0.0723886	0.638375	-1.56648	0.00020761	0.249044	-4.01536	0.00832838	0.47005	-2.12744	0.2373	0.757939	-1.31937	0.215289	0.74678	-1.33908
cg16722435	PTH2	0.0148006	0.0602238	0.521043	-1.91923	0.0092166	2.76416	2.76416	0.0211329	0.426221	-2.3462	0.791905	0.921888	-1.08473	0.047886	0.498715	-2.00515
cg12986327	PTH2	0.0174336	0.229528	0.560417	-1.78439	0.00258879	0.146963	-6.80441	0.00165102	0.126357	-7.91408	0.900101	0.943951	-1.05938	0.0540741	0.366343	-2.72968
cg00386456	PTH2	0.0197219	0.051152	0.494897	-2.02062	0.123202	0.58926	-1.69704	0.938792	0.97597	-1.02462	0.401841	0.762043	-1.31226	0.0616991	0.513494	-1.94744
cg25881038	PTH2R	4.79E-05	0.0284855	0.623826	-1.60301	0.00212046	0.454537	-2.20004	0.0186134	0.594078	-1.68328	0.000565845	0.377137	-2.65156	4.93E-06	0.149243	-6.70049
cg21302622	PTH2R	8.46E-05	0.273268	0.834657	-1.1981	1.65E-05	0.245548	-4.07253	0.173502	1.25804	1.25804	0.0116676	0.60676	-1.6481	6.87E-06	0.205894	-4.85687
cg25057743	PTH2R	0.000136414	0.0325762	0.633853	-1.57765	0.646645	1.08777	1.08777	1.75E-06	8.82698	8.82698	0.22944	0.794643	-1.25843	0.509879	1.12958	1.12958
cg01288372	PTH2R	0.000147846	0.047382	0.50298	-1.98815	0.185683	0.65369	-1.52978	1.33E-05	15.8723	15.8723	0.0132397	0.39451	-2.53479	0.000443686	0.186429	-5.36398
cg06562306	PTH2R	0.00134832	0.460928	0.850644	-1.17558	0.987301	1.00344	1.00344	1.48E-05	6.94461	6.94461	0.691607	1.08972	1.08972	0.536073	1.14457	1.14457
cg23524735	PTH2R	0.00310316	0.817519	0.916267	-1.09139	0.949019	0.976097	-1.02449	4.55E-05	18.4812	18.4812	0.214063	0.6096	-1.64042	0.716924	0.871302	-1.14771
cg22680399	PTH2R	0.00740575	0.0409599	0.596638	-1.67606	0.613924	1.11781	1.11781	0.000266378	3.70799	3.70799	0.314283	0.796258	-1.25587	0.734196	0.9281	-1.07747
cg24769821	PTH2R	0.00771252	0.889947	0.95577	-1.04628	0.77426	1.09852	1.09852	0.000126119	8.85736	8.85736	0.918606	1.03396	1.03396	0.114175	0.570361	-1.75328
cg14039622	PTH2R	0.0126832	0.113415	0.659511	-1.51628	0.0382297	0.559693	-1.78669	0.0839133	0.629921	-1.5875	0.243008	0.744369	-1.34342	0.0029667	0.373297	-2.67883
cg06951245	PTH2R	0.0177581	0.699564	0.780299	-1.28156	0.473542	0.627292	-1.59415	0.000477052	33.3893	33.3893	0.813608	1.16311	1.16311	0.130883	0.352206	-2.83925
cg06391199	PTH2R;PTH2R	8.00E-08	0.0849274	0.876591	-1.14078	0.126036	1.12126	1.12126	8.19E-10	8.99103	8.99103	0.00254552	0.748635	-1.33576	0.637606	1.03335	1.03335
cg01333011	PTHLH;PTHLH	0.0344685	0.127323	0.332094	-3.01119	0.0277088	0.175547	-5.69648	0.0129116	0.127018	-7.87292	0.11095	0.313176	-3.19309	0.0133331	0.128786	-7.76481
cg20905088	PTHLH;PTHLH;PTHLH;PTHLH	5.69E-05	0.63769	0.902624	-1.10788	9.21E-05	0.221344	-4.51785	0.00336759	0.422572	-2.36646	0.201158	1.33852	1.33852	1.64E-05	0.147211	-6.79296
cg14210985	PTHLH;PTHLH;PTHLH;PTHLH	0.00133881	0.0487392	0.364805	-2.74119	4.18E-05	0.0303552	-32.9433	0.00750431	0.214028	-4.67228	0.583243	1.28175	1.28175	0.100074	0.446094	-2.24168
cg25275166	PTHLH;PTHLH;PTHLH;PTHLH	0.0115419	0.493181	0.698859	-1.4309	0.00234951	8.89611	8.89611	0.0661916	2.88922	2.88922	0.59352	1.31967	1.31967	0.798414	1.14084	1.14084
cg02335533	PTHLH;PTHLH;PTHLH;PTHLH	0.015592	0.156319	0.373762	-2.6755	0.000959458	0.0410865	-24.3389	0.0529434	0.239913	-4.16818	0.217594	0.430932	-2.32055	0.11924	0.333777	-2.99601
cg20389635	PTHLH;PTHLH;PTHLH;PTHLH	0.0206721	0.0351965	0.186932	-5.34953	0.0208688	0.149457	-6.69088	0.0258241	0.16379	-6.10538	0.103584	0.296155	-3.37661	0.0583871	0.231763	-4.31476
cg00629370	PTHLH;PTHLH;PTHLH;PTHLH	0.0239689	0.00229387	0.056314	-17.7576	0.759743	0.812998	-1.23002	0.505237	1.57822	1.57822	0.0235436	0.161155	-6.20522	?	?	?
cg02460997	PTHLH;PTHLH;PTHLH;PTHLH	0.0253595	0.0295597	1.91532	1.91532	0.0157576	0.472122	-2.1181	0.554783	0.859385	-1.16362	0.0496487	0.566624	-1.76484	0.426777	1.22855	1.22855
cg10253371	PTHLH;PTHLH;PTHLH;PTHLH	0.0254358	0.0351784	0.238528	-4.19238	0.0072352	0.132067	-7.57192	0.130352	0.385041	-2.59712	0.91567	0.94	-1.06383	0.289477	0.526089	-1.90082
cg26856333	PTHLH;PTHLH;PTHLH;PTHLH	0.0293462	0.474765	1.27686	1.27686	0.0422567	2.19601	2.19601	0.251788	1.49564	1.49564	0.0522704	0.476047	-2.10063	0.297818	0.695663	-1.43748
cg23110005	PTHLH;PTHLH;PTHLH;PTHLH	0.0363001	0.0554586	0.277682	-3.60124	0.0129102	0.161729	-6.18316	0.0355103	0.235803	-4.24083	0.658143	1.30063	1.30063	0.0258956	0.209902	-4.76412
cg19083459	PTHLH;PTHLH;PTHLH;PTHLH	0.0436545	0.085889	2.33758	2.33758	0.0404462	2.90497	2.90497	0.355395	1.52278	1.52278	0.11144	2.1681	2.1681	0.237694	0.577702	-1.731
cg19356347	PTHLH;PTHLH;PTHLH;PTHLH;PTHLH;PTHLH	0.0231538	0.14841	1.58107	1.58107	0.00390006	3.1529	3.1529	0.0443053	1.97921	1.97921	0.987046	0.995214	-1.00481	0.607779	1.16531	1.16531
cg16624272	PTK2;PTK2	0.000453562	0.000107067	0.23587	-4.23963	0.0266269	0.573882	-1.74252	0.000362973	0.298773	-3.34702	0.0133438	0.523151	-1.91149	0.000422432	0.307059	-3.2567
cg07779782	PTK2;PTK2	0.003026	0.48537	0.885223	-1.12966	0.189724	0.787521	-1.26981	0.00150208	0.455339	-2.19617	0.606744	1.09339	1.09339	9.18E-05	0.300826	-3.32418
cg06931405	PTK2;PTK2	0.00331918	0.0292934	0.557187	-1.79473	0.140364	0.696772	-1.43519	0.0025927	0.38645	-2.58766	0.0573871	1.63166	1.63166	0.00321049	0.40007	-2.49956
cg23913941	PTK2;PTK2	0.00515247	0.0496768	1.71691	1.71691	0.0266366	1.88552	1.88552	0.0573707	1.68024	1.68024	0.00834591	2.25633	2.25633	0.895861	1.03212	1.03212
cg26099902	PTK2;PTK2	0.00626968	0.301037	1.31473	1.31473	0.076759	1.65306	1.65306	0.0820681	1.6355	1.6355	0.176504	1.44326	1.44326	0.898567	0.967959	-1.0331
cg11559446	PTK2;PTK2	0.0114718	0.457696	0.741198	-1.34917	0.606432	1.2285	1.2285	0.570757	0.797009	-1.25469	0.0158576	3.22229	3.22229	0.239071	0.613692	-1.62948
cg24143495	PTK2;PTK2	0.0200587	0.0978686	0.745669	-1.34108	0.00687233	0.568012	-1.76053	0.00878525	0.583155	-1.71481	0.696781	0.938675	-1.06533	0.00678817	0.567257	-1.76287
cg16196762	PTK2;PTK2	0.0340039	0.850438	1.03031	1.03031	0.119598	1.30628	1.30628	0.0351131	1.47453	1.47453	0.152595	1.27428	1.27428	0.0671628	0.722835	-1.38344
cg12075928	PTK2;PTK2	0.0359693	0.00749805	0.322462	-3.10114	0.100194	0.553074	-1.80808	0.0810008	0.529302	-1.88928	0.97336	0.989079	-1.01104	0.0974704	0.549921	-1.81844
cg25493687	PTK2B;PTK2B;PTK2B;PTK2B	0.000508027	0.00247107	0.715612	-1.3974	0.000784929	0.667864	-1.49731	1.49E-05	0.489568	-2.04262	0.780271	0.97801	-1.02248	0.21739	0.901965	-1.10869
cg25001305	PTK2B;PTK2B;PTK2B;PTK2B	0.000596092	0.973201	1.0084	1.0084	7.12E-05	6.06807	6.06807	0.00203422	2.95397	2.95397	0.00258875	2.8282	2.8282	0.622668	1.13145	1.13145
cg00658161	PTK2B;PTK2B;PTK2B;PTK2B	0.000765699	0.00405817	1.68685	1.68685	0.00219303	1.78974	1.78974	0.00116509	0.524055	-1.9082	0.0536752	1.34572	1.34572	0.00132376	0.531032	-1.88313
cg00337440	PTK2B;PTK2B;PTK2B;PTK2B	0.000980348	0.771827	1.06017	1.06017	0.000935965	2.69752	2.69752	0.0103988	1.91253	1.91253	0.00123685	2.58301	2.58301	0.582364	0.894389	-1.11808
cg22914507	PTK2B;PTK2B;PTK2B;PTK2B	0.00420097	0.160898	1.21964	1.21964	0.000105611	0.403386	-2.47902	0.861514	1.02342	1.02342	0.694553	1.05372	1.05372	0.0491102	0.74244	-1.34691
cg08606493	PTK2B;PTK2B;PTK2B;PTK2B	0.0117676	0.500501	0.848294	-1.17884	0.0214212	0.514266	-1.94452	0.116924	0.663785	-1.50651	0.0218986	0.515987	-1.93803	0.000438064	0.262732	-3.80616
cg26330738	PTK2B;PTK2B;PTK2B;PTK2B	0.0150061	0.294298	1.29682	1.29682	0.619697	1.12698	1.12698	0.0133066	0.480534	-2.08102	0.595718	1.1365	1.1365	0.000665989	0.288024	-3.47194
cg00782843	PTK2B;PTK2B;PTK2B;PTK2B	0.0208371	0.726153	1.09837	1.09837	0.921743	1.02657	1.02657	0.411234	0.799159	-1.25132	0.537163	0.846429	-1.18143	0.000587856	0.242429	-4.12492
cg06815112	PTK2B;PTK2B;PTK2B;PTK2B	0.0426078	0.0162365	0.260895	-3.83296	0.212024	1.82373	1.82373	0.412158	1.46707	1.46707	0.118935	0.461372	-2.16745	0.101297	0.440393	-2.2707
cg23693289	PTK2B;PTK2B;PTK2B;PTK2B;PTK2B;PTK2B	0.00903532	0.0572753	0.191639	-5.21815	0.0643913	4.93428	4.93428	0.301472	2.27593	2.27593	0.173448	0.328699	-3.0423	0.0165898	0.105645	-9.4657
cg18976893	PTK2B;TRIM35;PTK2B	0.0229699	0.832866	1.05784	1.05784	0.733063	1.0954	1.0954	0.820257	0.941239	-1.06243	0.692954	1.11144	1.11144	0.215674	0.705114	-1.41821
cg04626878	PTK6	0.000523031	0.0658574	0.745017	-1.34225	0.5239	1.0965	1.0965	0.914153	0.984738	-1.0155	0.927205	0.987052	-1.01312	0.000415612	0.44993	-2.22257
cg13520525	PTK6	0.00127456	0.586902	0.883678	-1.13163	0.921042	0.977899	-1.0226	0.285751	1.28391	1.28391	0.163621	1.39808	1.39808	3.58E-05	0.16586	-6.02917
cg20430807	PTK6	0.00572184	0.0017499	0.241277	-4.14461	0.0233226	0.421508	-2.37244	0.471497	0.791795	-1.26295	0.463132	0.788174	-1.26875	0.000558304	0.181546	-5.50825
cg24065690	PTK6	0.00614828	0.277598	0.708143	-1.41214	0.058597	1.92133	1.92133	0.741033	0.903601	-1.10668	0.309828	1.3788	1.3788	0.00655751	0.339832	-2.94263
cg21578195	PTK6	0.00720952	0.314192	0.837902	-1.19346	0.102347	0.738044	-1.35493	0.00291782	0.49913	-2.00349	0.0506657	0.684977	-1.4599	0.946023	0.988562	-1.01157
cg17474524	PTK6	0.0111953	0.0144322	0.684598	-1.46071	0.504457	1.08886	1.08886	0.0960503	1.25824	1.25824	0.248091	0.859197	-1.16388	0.0121821	0.675279	-1.48087
cg14010720	PTK6	0.0127656	0.0776289	0.569985	-1.75443	0.179558	0.664593	-1.50468	0.00882004	0.384538	-2.60052	0.00535906	0.34954	-2.86091	0.085404	0.579829	-1.72465
cg14601357	PTK6	0.02881	0.0141885	0.329443	-3.03543	0.697152	1.15432	1.15432	0.304323	0.676803	-1.47753	0.176253	0.590016	-1.69487	0.00168738	0.192655	-5.19063
cg12983285	PTK6	0.0299693	0.0556018	0.678364	-1.47414	0.315823	1.20388	1.20388	0.837703	0.963971	-1.03738	0.978759	0.995248	-1.00477	0.895038	0.976661	-1.0239
cg15461413	PTK6	0.0452714	0.00273973	0.193078	-5.17925	0.624079	0.821618	-1.21711	0.63275	0.825715	-1.21107	0.934918	0.968035	-1.03302	0.0210957	0.331768	-3.01416
cg25143652	PTK6;PTK6	0.0389106	0.0383815	0.536961	-1.86233	0.00945666	0.42642	-2.3451	0.0240515	0.497846	-2.00865	0.0238564	0.497187	-2.01132	0.512322	0.841788	-1.18795
cg25998680	PTK7;PTK7;PTK7;PTK7	0.00334288	0.0526051	0.739322	-1.35259	0.149706	0.809211	-1.23577	0.622747	1.07033	1.07033	0.0162584	1.49601	1.49601	0.39201	0.886745	-1.12772
cg05586540	PTK7;PTK7;PTK7;PTK7	0.016096	0.106739	0.571824	-1.74879	0.530364	0.81732	-1.22351	0.101324	0.565881	-1.76716	0.0506277	2.02766	2.02766	0.00200984	0.250743	-3.98815
cg15123159	PTK7;PTK7;PTK7;PTK7	0.0207891	0.0161588	0.275174	-3.63406	0.040876	0.355254	-2.81489	0.0395188	0.352	-2.84091	0.0527471	0.380795	-2.62609	0.0202695	0.293084	-3.41199
cg03309786	PTMA;PTMA	2.14E-05	0.667365	1.06412	1.06412	0.0177627	1.51334	1.51334	0.0193496	1.50159	1.50159	0.194904	1.21784	1.21784	0.292528	1.16996	1.16996
cg14634842	PTMA;PTMA	0.00117886	0.00908934	0.563145	-1.77574	0.442288	1.14536	1.14536	0.0837639	1.39309	1.39309	0.0356525	0.654691	-1.52744	0.216228	1.25288	1.25288
cg14928734	PTMA;PTMA	0.0213012	0.230553	1.29904	1.29904	0.738893	0.932784	-1.07206	0.000613835	0.333759	-2.99618	0.741335	1.07133	1.07133	0.728911	1.07505	1.07505
cg11284414	PTMA;PTMA	0.0232895	0.739911	1.03898	1.03898	0.573303	1.0675	1.0675	0.0860416	1.24324	1.24324	0.734768	0.961723	-1.0398	0.00229873	0.613214	-1.63075
cg03800417	PTMA;PTMA	0.0281829	0.0302933	0.750938	-1.33167	0.164012	0.846177	-1.18179	0.18542	1.17109	1.17109	0.844147	1.02238	1.02238	0.254855	1.14306	1.14306
cg03595439	PTMA;PTMA	0.0467287	0.00742627	0.569623	-1.75555	0.74513	0.948157	-1.05468	0.540775	0.903879	-1.10634	0.858744	0.971343	-1.0295	0.303966	1.18977	1.18977
cg00913289	PTMA;PTMA;PTMA;PTMA	0.0153898	0.992648	0.998541	-1.00146	0.000396629	0.409134	-2.44419	0.0203577	0.642041	-1.55753	0.0391751	0.685093	-1.45966	0.361882	0.861984	-1.16011
cg00028636	PTMS	0.0383212	0.24001	0.873257	-1.14514	0.117378	1.20606	1.20606	0.0307974	1.32235	1.32235	0.0120155	0.708138	-1.41215	0.481609	0.924229	-1.08198
cg20006825	PTMS	0.04973	0.032768	0.258807	-3.86388	0.371039	1.64389	1.64389	0.659078	0.786416	-1.27159	0.790179	0.865615	-1.15525	0.023044	0.22972	-4.35312
cg06052255	PTN	0.00169632	0.140665	0.731335	-1.36736	0.0140172	0.549406	-1.82015	0.0109789	0.532562	-1.87772	0.00269932	2.26681	2.26681	0.535811	1.13177	1.13177
cg03749900	PTN	0.0078005	0.00482831	0.450141	-2.22153	0.0338953	0.589321	-1.69687	0.112082	0.691151	-1.44686	0.390843	0.828847	-1.2065	0.00133614	0.369487	-2.70646
cg02701024	PTN	0.0151388	0.00809119	0.142958	-6.99508	0.00687493	0.13435	-7.44322	0.197899	0.458135	-2.18276	0.197562	0.457836	-2.18419	0.00559325	0.124071	-8.05993
cg03314963	PTN	0.0221853	0.00181125	0.174528	-5.72974	0.955021	1.02245	1.02245	0.0629125	0.438889	-2.27848	0.885074	0.944667	-1.05857	0.135073	0.530445	-1.88521
cg14228103	PTN	0.0410368	0.411734	0.654316	-1.52831	0.470565	0.69007	-1.44913	0.490482	1.42471	1.42471	0.127178	2.30172	2.30172	0.353126	0.617024	-1.62068
cg27297673	PTN	0.0427373	0.239666	1.63714	1.63714	0.0374297	0.380275	-2.62968	0.211352	0.590261	-1.69416	0.237356	1.6415	1.6415	0.309363	1.52378	1.52378
cg15284177	PTN	0.0471544	0.076228	0.275261	-3.63292	0.775345	0.829346	-1.20577	0.173058	0.38747	-2.58084	0.00288576	0.0685914	-14.5791	0.34085	0.526302	-1.90005
cg00653387	PTN;PTN	0.0276109	0.1076	0.695159	-1.43852	0.00225282	0.412586	-2.42374	0.0529742	0.634208	-1.57677	0.976555	1.0061	1.0061	0.73241	0.931398	-1.07365
cg07059167	PTOV1	0.00210899	0.203319	1.55523	1.55523	0.679919	1.14618	1.14618	0.559189	1.21439	1.21439	0.314158	0.710107	-1.40824	2.85E-05	0.0669034	-14.9469
cg02349739	PTOV1	0.00315581	0.00137417	0.556506	-1.79692	0.83579	0.974135	-1.02655	0.122279	1.23546	1.23546	0.00288522	0.596095	-1.67758	0.0295437	0.723603	-1.38197
cg02674712	PTOV1	0.00410628	0.00142487	0.315442	-3.17015	0.641669	1.12432	1.12432	0.172058	0.695272	-1.43829	0.631561	1.1284	1.1284	0.0274829	0.521021	-1.91931
cg15398448	PTOV1	0.0116037	0.252175	1.12627	1.12627	0.428461	0.922786	-1.08368	0.0187927	1.32709	1.32709	0.00412989	0.682275	-1.46569	0.126531	1.17857	1.17857
cg23383098	PTOV1	0.0196804	0.54534	1.19249	1.19249	0.00109053	0.250069	-3.9989	0.191506	0.671848	-1.48843	0.0783248	0.569779	-1.75507	0.0601909	0.54351	-1.83989
cg18092095	PTOV1	0.0374815	0.201003	0.778681	-1.28422	0.715023	1.07028	1.07028	0.00949131	1.83809	1.83809	0.522593	1.12753	1.12753	0.915871	1.01977	1.01977
cg02809009	PTOV1;PTOV1	0.000398222	0.0986336	0.739673	-1.35195	0.113808	1.33171	1.33171	0.000740868	2.34684	2.34684	0.162712	0.780251	-1.28164	0.968584	1.00658	1.00658
cg24026570	PTP4A1	0.00196648	0.91232	1.02324	1.02324	0.00776514	0.490166	-2.04013	0.0251311	0.573758	-1.74289	0.935418	1.01705	1.01705	0.000440351	0.314181	-3.18287
cg13770399	PTP4A1	0.00308048	0.000305632	0.218196	-4.58303	0.030486	0.516825	-1.93489	0.00219905	0.328115	-3.04772	0.98792	0.996078	-1.00394	0.00178056	0.315181	-3.17278
cg02713068	PTP4A1	0.0197371	0.00305399	0.373883	-2.67464	0.335507	0.785988	-1.27228	0.15213	0.689366	-1.45061	0.257394	1.33189	1.33189	0.00806502	0.43918	-2.27697
cg14821008	PTP4A1	0.022243	0.0779559	0.820914	-1.21815	0.627496	0.951927	-1.0505	0.00673799	1.42467	1.42467	0.280581	0.893152	-1.11963	0.0602336	1.23804	1.23804
cg05394244	PTP4A1	0.0258678	0.776436	1.1593	1.1593	0.00264324	0.11532	-8.67155	0.0711976	0.351211	-2.84729	0.449708	1.49173	1.49173	0.0065219	0.159556	-6.26738
cg10778271	PTP4A1	0.029738	0.0166545	1.45253	1.45253	0.50934	1.08924	1.08924	0.976814	1.00372	1.00372	0.903323	0.984603	-1.01564	0.0301168	1.38495	1.38495
cg03182374	PTP4A1	0.0332001	0.16305	0.615047	-1.62589	0.816217	0.926815	-1.07896	0.202176	0.644294	-1.55209	0.184837	0.631848	-1.58266	0.00123785	0.214094	-4.67084
cg02360263	PTP4A1	0.0412138	0.103637	0.639555	-1.56359	0.914481	1.02735	1.02735	0.0739607	1.64899	1.64899	0.0764643	0.609605	-1.64041	0.174742	0.695922	-1.43694
cg09373727	PTP4A2;PTP4A2	0.000267829	6.40E-05	0.266645	-3.7503	0.678582	1.07782	1.07782	0.00991205	0.556597	-1.79663	0.140012	0.751597	-1.3305	5.16E-05	0.256024	-3.90589
cg16308229	PTP4A2;PTP4A2	0.0110162	0.918543	0.987836	-1.01231	0.00830762	0.667879	-1.49728	0.925225	0.988832	-1.01129	0.0682293	0.783267	-1.2767	0.125111	0.81987	-1.21971
cg16401270	PTP4A2;PTP4A2	0.0170705	0.984809	1.00452	1.00452	0.0143041	2.09534	2.09534	0.00289727	0.360022	-2.77761	?	?	?	0.259591	1.32351	1.32351
cg11756387	PTP4A2;PTP4A2	0.0175299	0.886701	0.951135	-1.05138	0.00157976	4.92533	4.92533	0.108298	0.540285	-1.85088	0.307268	1.44978	1.44978	0.321322	1.43343	1.43343
cg21545720	PTP4A2;PTP4A2	0.0228365	0.607304	0.886792	-1.12766	0.350398	1.24953	1.24953	0.0748288	1.5839	1.5839	0.856614	0.958947	-1.04281	0.75911	0.931195	-1.07389
cg19596493	PTP4A2;PTP4A2	0.0439141	0.826208	1.0465	1.0465	0.552561	0.883217	-1.13223	0.0315421	0.593831	-1.68398	0.018893	0.555611	-1.79982	0.0160692	0.543923	-1.83849
cg18584803	PTP4A3;PTP4A3	3.12E-05	0.529395	1.14098	1.14098	0.000885416	0.356577	-2.80445	8.68E-05	0.23279	-4.29571	0.000348082	0.304037	-3.28908	1.50E-05	0.156018	-6.40953
cg23286173	PTP4A3;PTP4A3	0.000632708	0.00484993	0.587574	-1.70191	0.000280463	0.429296	-2.32939	0.000785479	0.485455	-2.05992	0.00487889	0.587914	-1.70093	0.000145165	0.394071	-2.53761
cg04150639	PTP4A3;PTP4A3	0.00296231	0.432969	0.858156	-1.16529	0.0136179	0.557954	-1.79226	0.000173418	0.295609	-3.38285	0.021133	0.58859	-1.69898	0.0010205	0.394133	-2.53721
cg03718353	PTP4A3;PTP4A3	0.00668133	0.116874	0.702848	-1.42278	0.635066	0.905775	-1.10403	0.109363	0.696735	-1.43527	0.699902	1.08347	1.08347	0.00341546	0.438892	-2.27847
cg19862912	PTP4A3;PTP4A3	0.0106824	0.00551043	0.386452	-2.58764	0.035998	0.529606	-1.8882	0.0332045	0.52271	-1.91311	0.00343173	0.354921	-2.81753	0.00095551	0.27733	-3.60582
cg01542486	PTP4A3;PTP4A3	0.01112	0.0471374	0.690984	-1.44721	0.514339	0.897987	-1.1136	0.417101	0.873769	-1.14447	0.0372917	0.67481	-1.4819	0.000699926	0.431242	-2.31888
cg12107580	PTP4A3;PTP4A3	0.0119294	0.0658219	1.3482	1.3482	0.514387	1.10043	1.10043	0.260738	0.843855	-1.18504	0.000569399	2.16511	2.16511	0.0890204	0.762264	-1.31188
cg14632864	PTP4A3;PTP4A3	0.0137973	0.001307	0.377228	-2.65092	0.00864392	0.497892	-2.00847	0.576251	0.889037	-1.12481	0.458677	0.854548	-1.17021	0.656157	0.910878	-1.09784
cg05105646	PTP4A3;PTP4A3	0.0147671	0.63814	0.889623	-1.12407	0.422261	1.22433	1.22433	0.00335161	0.373237	-2.67926	0.29172	1.31011	1.31011	0.0074421	0.426987	-2.34199
cg08152819	PTP4A3;PTP4A3	0.0157529	0.970065	1.00521	1.00521	0.877211	1.02163	1.02163	0.98575	0.997531	-1.00248	0.278296	0.855508	-1.1689	0.0205668	0.679647	-1.47135
cg26849776	PTP4A3;PTP4A3	0.0297301	0.0243538	0.376235	-2.65791	0.0114803	0.315985	-3.16471	0.0844997	0.498985	-2.00407	0.525823	0.791213	-1.26388	0.0054772	0.264305	-3.78351
cg05136956	PTP4A3;PTP4A3	0.0323108	0.0322414	0.236934	-4.22059	0.0113765	0.16216	-6.16676	0.0196468	0.198211	-5.04513	0.0462789	0.269571	-3.70959	0.0320406	0.236404	-4.23004
cg18675600	PTP4A3;PTP4A3;PTP4A3;PTP4A3	0.0194904	0.140475	0.546514	-1.82978	0.039043	0.402456	-2.48474	0.00455675	0.23702	-4.21906	0.863635	0.936599	-1.06769	0.0308455	0.380571	-2.62763
cg11132469	PTP4A3;PTP4A3;PTP4A3;PTP4A3	0.0359819	0.304676	1.4241	1.4241	0.0721933	0.513046	-1.94914	0.00420448	0.279419	-3.57885	0.181832	0.624158	-1.60216	0.281901	0.689405	-1.45053
cg09944149	PTPDC1	0.00178343	0.0243296	0.72854	-1.37261	0.279161	1.14199	1.14199	0.785744	1.03268	1.03268	0.194771	0.850572	-1.17568	0.266316	0.872255	-1.14645
cg09429111	PTPDC1	0.037337	0.112666	0.575808	-1.73669	0.206864	0.65343	-1.53039	0.771854	0.911255	-1.09739	0.209322	0.655092	-1.5265	0.224121	0.66484	-1.50412
cg14467276	PTPDC1;PTPDC1	0.0192689	0.358899	0.598574	-1.67064	0.000465699	0.0500767	-19.9694	0.0138015	0.190954	-5.23686	0.790727	1.15567	1.15567	0.183344	0.463947	-2.15542
cg08198102	PTPLA	0.00101506	0.00358326	0.571265	-1.7505	0.176144	1.22645	1.22645	0.000827496	2.04348	2.04348	0.0146767	0.652862	-1.53172	0.740829	0.953981	-1.04824
cg15554631	PTPLA	0.00541036	0.464163	1.0754	1.0754	8.27E-05	1.99713	1.99713	0.499618	1.06915	1.06915	0.696643	0.962496	-1.03897	0.228026	0.883862	-1.1314

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24816298	0.00410504	0.16442	-6.08198	0.000380591	0.0698833	-14.3096	0.0847555	0.40907	-2.44457	0.0220972	0.27614	-3.62135	7.02632	24.4662	3.09518	1
cg24577116	0.694889	0.814452	-1.22782	0.00126166	0.0862316	-11.5967	0.726252	0.832756	-1.20083	0.0502974	0.312925	-3.19566	4.14505	17.7964	3.81638	1
cg16339096	0.286985	1.28706	1.28706	0.0303227	0.55925	-1.78811	0.0183122	0.520208	-1.92231	0.368081	0.809754	-1.23494	12.5569	10.3612	0.733458	1
cg01178538	0.688692	1.05508	1.05508	0.000452447	2.08755	2.08755	0.627643	0.936998	-1.06724	0.231886	0.846259	-1.18167	8.84923	2.48412	0.249526	1
cg02527881	0.304463	0.730151	-1.36958	0.00188049	0.271589	-3.68204	0.999362	0.999763	-1.00024	0.028764	0.466402	-2.14408	7.19765	9.96954	1.23121	1
cg26764345	0.0782523	0.724677	-1.37993	0.000217666	2.7597	2.7597	0.175614	0.788937	-1.26753	0.264008	0.825591	-1.21125	7.03972	3.0211	0.381468	1
cg11640591	0.330731	1.19882	1.19882	0.152692	0.758247	-1.31883	0.0971368	0.719673	-1.38952	0.0553192	1.48066	1.48066	6.94013	3.58825	0.459582	1
cg05717204	0.65526	1.1294	1.1294	0.00034436	0.210137	-4.75881	0.204881	1.43653	1.43653	0.296746	1.34038	1.34038	5.53778	6.43113	1.03228	1
cg10955958	0.734586	1.12155	1.12155	0.000795171	0.181225	-5.51801	0.106949	0.552528	-1.80986	0.908703	0.962067	-1.03943	5.46454	9.83476	1.59977	1
cg01823497	0.0793953	1.34363	1.34363	0.605498	1.08224	1.08224	0.140486	1.27191	1.27191	0.0160782	0.639634	-1.56339	5.13071	1.86973	0.323929	1
cg03391568	0.0408041	0.364991	-2.73979	0.167483	0.533645	-1.8739	0.0249917	0.320327	-3.12181	0.0613261	0.406624	-2.45927	4.81847	13.9036	2.56488	1
cg20202413	0.41197	0.7661	-1.30531	0.0124348	0.372309	-2.68594	0.00736965	0.333925	-2.99469	0.128443	1.68528	1.68528	4.56957	7.30115	1.42025	1
cg06042608	0.00664265	0.321778	-3.10773	0.0425728	0.471616	-2.12037	0.312331	0.714321	-1.39993	0.3714	0.744212	-1.3437	4.30419	7.06327	1.45868	1
cg18707417	0.0271819	0.408441	-2.44833	0.00421851	0.269234	-3.71424	0.268156	0.673665	-1.48442	0.091604	0.529306	-1.88927	4.00893	7.44737	1.65128	1
cg11195494	0.656237	0.946989	-1.05598	0.00164378	0.578103	-1.7298	0.509541	0.921877	-1.08474	0.823491	1.02753	1.02753	3.81997	0.894285	0.208096	1
cg23352942	0.323841	1.44327	1.44327	0.0040742	0.249498	-4.00804	0.84089	1.07506	1.07506	0.102788	0.525844	-1.90171	3.74037	7.68123	1.82542	1
cg11594731	0.535894	0.617721	-1.61885	0.16439	0.319808	-3.12687	0.874932	1.12867	1.12867	0.331034	2.16131	2.16131	3.40725	31.866	8.31326	1
cg11315979	0.0806163	1.22629	1.22629	0.0111724	0.7155	-1.39762	4.72E-07	4.44184	4.44184	0.14609	1.17853	1.17853	27.7449	4.87	0.156025	1
cg05248581	0.190708	1.34868	1.34868	0.0416098	0.602212	-1.66054	8.98E-07	16.6607	16.6607	0.702013	0.920358	-1.08653	25.2742	18.6562	0.656135	1
cg08567644	0.683831	1.09268	1.09268	0.106297	0.682624	-1.46494	5.92E-07	19.6405	19.6405	0.0763587	1.53236	1.53236	23.9979	17.8112	0.659732	1
cg27103130	0.374457	1.12874	1.12874	0.849142	0.975021	-1.02562	0.00073527	1.97663	1.97663	0.314855	1.14805	1.14805	11.8747	3.31877	0.248429	1
cg07549194	0.655319	0.904313	-1.10581	0.218245	0.748324	-1.33632	0.68037	0.911438	-1.09717	0.943062	0.984137	-1.01612	5.83162	4.62852	0.705506	1
cg16722435	0.0363305	0.473076	-2.11382	0.0117512	0.379825	-2.63279	0.309936	0.723848	-1.3815	0.635158	1.15838	1.15838	5.20367	7.79705	1.33189	1
cg12986327	0.791075	0.885199	-1.12969	0.0580839	0.373897	-2.67453	0.71951	1.18013	1.18013	0.980842	0.989033	-1.01109	4.92774	16.4627	2.96961	1
cg00386456	0.0101256	2.7939	2.7939	0.00398172	0.293426	-3.40801	0.545326	1.21392	1.21392	0.563596	0.831172	-1.20312	4.72698	7.50973	1.41217	1
cg25881038	0.00605193	0.519744	-1.92402	8.40E-05	0.274904	-3.63764	1.83E-05	0.203023	-4.92556	0.000158894	0.307719	-3.24972	26.9258	14.2089	0.469073	1
cg21302622	0.0133853	0.615343	-1.62511	0.00317615	0.527949	-1.89412	0.00465615	0.550705	-1.81585	0.00125124	0.473725	-2.11093	23.1499	9.21275	0.353743	1
cg25057743	0.11631	0.732664	-1.36488	0.127431	0.74049	-1.35046	0.8248	0.960393	-1.04124	0.684987	1.07717	1.07717	20.3711	10.719	0.46772	1
cg01288372	0.0023587	0.276614	-3.61515	0.0226434	0.437471	-2.28587	0.892458	1.04183	1.04183	0.090694	0.568569	-1.7588	19.9345	28.9741	1.29197	1
cg06562306	0.989667	0.997213	-1.00279	0.257459	0.77517	-1.29004	0.231153	0.76287	-1.31084	0.635691	1.10831	1.10831	10.8055	7.94738	0.653773	1
cg23524735	0.189741	0.591245	-1.69135	0.342961	0.690972	-1.44724	0.939504	0.97169	-1.02913	0.263553	1.55422	1.55422	8.4726	19.2094	2.01532	1
cg22680399	0.226641	0.757353	-1.32039	0.139474	0.705979	-1.41647	0.132116	0.70061	-1.42733	0.940552	0.983804	-1.01646	6.4997	4.93414	0.674786	1
cg24769821	0.474897	0.78865	-1.26799	0.313671	0.71142	-1.40564	0.467615	1.27316	1.27316	0.604983	1.18589	1.18589	6.41753	10.8517	1.50307	1
cg14039622	0.102124	0.649008	-1.54081	0.0152344	2.05476	2.05476	0.146319	1.45761	1.45761	0.157117	0.693763	-1.44141	5.47404	5.06219	0.822012	1
cg06951245	0.120492	0.340482	-2.93701	0.52755	0.663988	-1.50605	0.561945	1.45519	1.45519	0.533135	1.49754	1.49754	4.89735	31.7444	5.76173	1
cg06391199	0.920488	1.00693	1.00693	0.000118097	0.62756	-1.59347	0.122859	0.890851	-1.12252	0.579737	1.03943	1.03943	139.219	10.54	0.0672959	1
cg01333011	0.0459193	0.216626	-4.61625	0.0143521	0.132922	-7.5232	0.502004	0.634117	-1.577	0.021898	0.15904	-6.28774	3.88859	27.5263	6.29221	1
cg20905088	0.257643	1.29063	1.29063	9.36E-06	0.12668	-7.89388	0.90776	1.02535	1.02535	0.591052	0.889453	-1.12429	25.725	19.0049	0.656686	1
cg14210985	0.128814	0.479346	-2.08618	0.00966546	0.230638	-4.3358	0.0266096	0.308134	-3.24534	0.00153506	0.129745	-7.70742	10.8274	34.4159	2.8254	1
cg25275166	0.331173	1.67569	1.67569	0.767385	1.165	1.165	0.000638691	14.8724	14.8724	0.0927814	2.59157	2.59157	5.64422	23.6964	3.73186	1
cg02335533	0.0100375	0.121356	-8.24023	0.100449	0.311031	-3.21511	0.00794373	0.109829	-9.1051	0.0391973	0.212536	-4.70509	5.11469	34.1182	5.92945	1
cg20389635	0.701498	0.768531	-1.30118	0.00179313	0.0479758	-20.8439	0.0517338	0.220157	-4.54222	0.0175821	0.138775	-7.20593	4.65194	34.4294	6.57873	1
cg00629370	0.812191	1.17427	1.17427	0.178706	2.62282	2.62282	0.167928	2.69629	2.69629	0.458112	1.66518	1.66518	4.49915	28.8528	6.41295	1
cg02460997	0.00826406	0.424557	-2.35539	0.140295	0.668689	-1.49546	0.671424	1.11431	1.11431	0.310862	0.76646	-1.3047	4.33563	4.4183	0.905838	1
cg10253371	0.582161	0.722795	-1.38352	0.0577206	0.285489	-3.50276	0.0120752	6.22292	6.22292	0.269575	0.51088	-1.95741	4.3311	23.408	4.80412	1
cg26856333	0.245013	0.664389	-1.50514	0.0825308	1.90901	1.90901	0.00543571	3.42078	3.42078	0.204559	1.56852	1.56852	4.11889	7.37505	1.59159	1
cg23110005	0.0820806	0.320752	-3.11767	0.0426649	0.252232	-3.9646	0.26581	1.98264	1.98264	0.096276	0.340287	-2.9387	3.8163	21.058	4.9048	1
cg19083459	0.246819	1.71096	1.71096	0.81328	0.901005	-1.10987	0.00281965	6.75212	6.75212	0.0998584	2.2381	2.2381	3.88447	11.6834	2.33935	1
cg19356347	0.86959	0.952602	-1.04976	0.701193	1.12068	1.12068	0.00233438	3.51093	3.51093	0.0463912	1.96257	1.96257	4.47456	6.18902	1.22947	1
cg16624272	0.673194	1.09381	1.09381	0.00102183	0.357286	-2.79888	0.0177775	0.543816	-1.83886	0.000817795	0.344305	-2.9044	14.6817	10.388	0.628934	1
cg07779782	0.981907	0.996108	-1.00391	0.816715	0.960862	-1.04073	0.287479	1.20915	1.20915	0.736394	0.943555	-1.05982	8.53625	3.998	0.416316	1
cg06931405	0.0154066	0.508035	-1.96837	0.0256952	0.546876	-1.82857	0.760098	1.07225	1.07225	0.00115786	0.337189	-2.96569	8.30441	6.82368	0.730394	1
cg23913941	0.0213775	1.94947	1.94947	0.0251164	1.90236	1.90236	0.000178766	4.62831	4.62831	0.02683	1.88346	1.88346	7.27155	6.71138	0.820412	1
cg26099902	0.00553718	2.53659	2.53659	0.0033766	2.76756	2.76756	0.00030334	4.47838	4.47838	0.074957	1.65933	1.65933	6.84549	7.06947	0.917974	1
cg11559446	0.0610221	2.30735	2.30735	0.596334	0.809213	-1.23577	0.000519551	8.52918	8.52918	0.134711	1.89389	1.89389	5.65535	14.0464	2.20777	1
cg24143495	0.259386	0.826834	-1.20943	0.43352	1.13787	1.13787	0.292556	1.193	1.193	0.0709614	0.721786	-1.38545	4.69988	1.9441	0.367688	1
cg16196762	0.811029	0.962815	-1.03862	0.00708412	1.73408	1.73408	0.189565	0.802651	-1.24587	0.272505	0.834696	-1.19804	3.90768	1.54895	0.352343	1
cg12075928	0.486722	0.792643	-1.2616	0.183063	0.628416	-1.5913	0.0182989	2.56421	2.56421	0.295404	0.699908	-1.42876	3.82902	6.55734	1.52226	1
cg25493687	0.0711814	0.851938	-1.17379	0.123273	1.14195	1.14195	0.093383	0.863528	-1.15804	0.631568	0.962316	-1.03916	14.2275	1.42442	0.0889932	1
cg25001305	0.417735	0.813667	-1.229	0.539019	1.16751	1.16751	0.000245232	4.52149	4.52149	0.277462	0.754846	-1.32477	13.6087	13.3637	0.87289	1
cg00658161	0.0533386	1.34643	1.34643	0.2352	0.84484	-1.18366	0.0156501	1.49416	1.49416	0.986579	0.997723	-1.00228	12.6875	3.69051	0.258558	1
cg00337440	0.000654254	2.85689	2.85689	0.187798	0.755405	-1.32379	0.00127711	2.57035	2.57035	0.00298714	2.26713	2.26713	11.8329	7.56842	0.56854	1
cg22914507	0.364195	0.883707	-1.1316	0.114401	1.25566	1.25566	0.555657	0.924015	-1.08223	0.051972	0.74591	-1.34064	7.73716	2.15407	0.247472	1
cg08606493	0.323648	1.27795	1.27795	0.446933	0.829854	-1.20503	0.203474	0.724007	-1.3812	0.0380483	0.560698	-1.78349	5.60895	5.14225	0.814929	1
cg26330738	0.293866	1.29714	1.29714	0.137745	0.682553	-1.46509	0.483378	0.843495	-1.18554	0.451245	0.83243	-1.2013	5.18001	4.68406	0.803786	1
cg00782843	0.590558	1.15595	1.15595	0.32907	1.30835	1.30835	0.997351	1.00089	1.00089	0.0209008	0.476334	-2.09937	4.63934	5.23104	1.00226	1
cg06815112	0.212432	0.548652	-1.82265	0.0244594	0.293689	-3.40497	0.0832382	0.41623	-2.40251	0.189463	1.88761	1.88761	3.59809	11.9053	2.94115	1
cg23693289	0.910749	1.08996	1.08996	0.00277638	0.0420518	-23.7802	0.0663077	0.205526	-4.86557	0.025818	7.63822	7.63822	6.10478	57.0562	8.30768	1
cg18976893	0.0135191	0.431047	-2.31994	0.00150699	0.274673	-3.64069	0.125423	0.639774	-1.56305	0.12059	1.57389	1.57389	4.97885	5.46292	0.853398	1
cg04626878	0.134518	1.25876	1.25876	2.68E-05	0.306461	-3.26306	0.241698	1.19098	1.19098	0.00558892	0.595128	-1.68031	14.113	4.54645	0.286352	1
cg13520525	0.0210009	0.534801	-1.86986	0.007685	0.462025	-2.16439	0.192507	1.36468	1.36468	0.453521	1.18782	1.18782	10.981	8.8367	0.715311	1
cg20430807	0.00786769	0.337283	-2.96487	0.12743	0.591336	-1.69108	0.0640083	0.515062	-1.94151	0.00857072	0.343416	-2.91192	7.04144	11.3293	1.43018	1
cg24065690	0.0270635	0.44936	-2.22539	0.000838693	0.215303	-4.64462	0.0718167	1.84839	1.84839	0.663412	0.874728	-1.14321	6.88702	10.1897	1.31516	1
cg21578195	0.0647324	1.42262	1.42262	0.00414064	1.92165	1.92165	0.940534	1.01276	1.01276	0.0284037	0.644323	-1.55202	6.55451	2.99698	0.406435	1
cg17474524	0.523078	0.921876	-1.08474	0.00409516	0.616242	-1.62274	0.879354	1.01927	1.01927	0.00574977	0.634489	-1.57607	5.70008	1.42603	0.222379	1
cg14010720	0.906653	1.03419	1.03419	0.0273747	2.11294	2.11294	0.454403	0.803798	-1.24409	0.0107715	0.399219	-2.50489	5.46248	7.10705	1.1565	1
cg14601357	0.101302	0.517686	-1.93167	0.906846	0.957953	-1.04389	0.67122	0.854978	-1.16962	0.0223931	0.366402	-2.72924	4.14586	8.84179	1.89572	1
cg12983285	0.0598746	1.46205	1.46205	0.0233968	1.62348	1.62348	0.118979	1.35356	1.35356	0.00964235	0.556495	-1.79696	4.08832	2.07251	0.450609	1
cg15461413	0.127965	0.519647	-1.92438	?	?	?	0.143504	0.535114	-1.86876	0.0765681	0.456762	-2.18932	3.57103	7.95473	2.22757	1
cg25143652	0.907571	0.970347	-1.03056	0.369138	1.27004	1.27004	0.154331	0.673567	-1.48463	0.0364099	0.532416	-1.87823	3.72072	3.9581	0.9456	1
cg25998680	0.204988	1.20117	1.20117	0.000360792	0.456528	-2.19045	0.00285024	0.569594	-1.75564	0.994241	0.999011	-1.00099	8.2868	2.46559	0.264474	1
cg05586540	0.993713	1.0025	1.0025	0.0067363	0.327919	-3.04953	0.629213	0.856923	-1.16697	0.0899746	0.552603	-1.80962	5.0609	8.07331	1.41798	1
cg15123159	0.109203	0.464918	-2.15092	0.00488659	0.194815	-5.13307	0.0126789	0.257041	-3.89043	0.0156424	0.272686	-3.66723	4.64299	14.1389	2.70686	1
cg03309786	0.00918288	0.62159	-1.60878	3.96E-07	0.124637	-8.02327	0.028035	1.4521	1.4521	0.00809162	0.614189	-1.62816	33.2604	10.8831	0.290852	1
cg14634842	0.000186791	0.335377	-2.98172	?	?	?	0.28422	1.21254	1.21254	0.00446671	1.92879	1.92879	11.4928	4.85551	0.422483	1
cg14928734	0.37932	0.828944	-1.20635	0.0603585	0.643663	-1.55361	0.271005	1.26919	1.26919	0.701002	1.08356	1.08356	4.60457	3.15528	0.609111	1
cg11284414	0.00851424	0.680191	-1.47017	0.51408	1.0789	1.0789	0.420908	1.09897	1.09897	0.611448	0.942895	-1.06056	4.46555	0.931682	0.185456	1
cg03800417	0.00322782	1.57134	1.57134	0.0568993	1.27424	1.27424	0.829051	0.975973	-1.02462	0.9039	0.986507	-1.01368	4.17818	0.837073	0.178083	1
cg03595439	0.208872	1.24136	1.24136	0.0296638	1.5186	1.5186	0.0670265	0.715298	-1.39802	0.513211	1.1143	1.1143	3.47599	1.46645	0.375006	1
cg00913289	0.879743	0.976294	-1.02428	0.789697	1.04327	1.04327	0.169448	0.792987	-1.26105	0.122004	0.766734	-1.30423	5.13688	2.04305	0.353531	1
cg00028636	0.362398	0.902013	-1.10863	0.0550521	0.786919	-1.27078	0.374724	0.904506	-1.10558	0.229765	1.14891	1.14891	3.74159	0.719116	0.17084	1
cg20006825	0.961439	1.02651	1.02651	0.0214345	0.224123	-4.46184	0.0147291	0.197012	-5.07583	0.106375	0.385115	-2.59663	3.39511	15.7469	4.12277	1
cg06052255	0.303801	0.810367	-1.23401	0.11265	0.711099	-1.40627	0.0452542	1.57379	1.57379	0.000355865	0.322462	-3.10114	10.1141	6.24359	0.548724	1
cg03749900	0.241101	0.769508	-1.29953	0.499423	1.15764	1.15764	0.0558345	1.58815	1.58815	0.0168646	0.536616	-1.86353	6.39472	4.61677	0.641748	1
cg02701024	0.0894336	0.341601	-2.92739	0.0154063	0.181712	-5.5032	0.250528	1.99112	1.99112	0.0449028	0.26706	-3.74448	5.16494	26.9121	4.6316	1
cg03314963	0.51388	0.770621	-1.29765	0.00254524	0.192421	-5.19693	0.974044	0.987276	-1.01289	0.533291	0.780092	-1.2819	4.54085	11.1405	2.1808	1
cg14228103	0.80816	0.884322	-1.13081	0.159449	0.467748	-2.1379	0.00127344	0.0929982	-10.7529	0.700631	1.21559	1.21559	3.64853	14.7583	3.59555	1
cg27297673	0.313863	1.51744	1.51744	0.0411949	2.56769	2.56769	0.0170111	3.20611	3.20611	0.0669696	2.27534	2.27534	3.59403	9.12417	2.25662	1
cg15284177	0.863764	1.11886	1.11886	0.0140855	0.137822	-7.25576	0.527954	1.51917	1.51917	0.410868	0.576991	-1.73313	3.46413	23.4626	6.02045	1
cg00653387	0.413565	0.841068	-1.18896	0.734761	1.07295	1.07295	0.0785218	0.667216	-1.49876	0.0452761	1.60893	1.60893	4.20846	2.85783	0.603617	1
cg07059167	0.197806	0.639112	-1.56467	0.292227	1.43245	1.43245	0.509875	1.2459	1.2459	0.402186	0.754297	-1.32574	9.49381	16.2631	1.52269	1
cg02349739	0.00768501	0.648897	-1.54108	0.164861	0.829386	-1.20571	0.171855	1.20157	1.20157	0.0282561	1.38684	1.38684	8.43029	2.12832	0.22441	1
cg02674712	0.000497026	0.256007	-3.90614	0.00336752	0.368908	-2.7107	0.997252	1.00086	1.00086	0.136393	0.669504	-1.49364	7.79063	7.7134	0.880077	1
cg15398448	0.226096	0.881301	-1.13469	0.11353	0.842672	-1.1867	0.0516468	1.2463	1.2463	0.0343847	1.27802	1.27802	5.63448	0.881825	0.139116	1
cg23383098	0.213448	0.686045	-1.45763	0.0274519	0.472277	-2.1174	0.372097	1.30157	1.30157	0.0459464	0.517914	-1.93082	4.73037	6.19763	1.1646	1
cg18092095	0.69449	1.07586	1.07586	0.0581427	0.672572	-1.48683	0.0275101	0.617	-1.62075	0.072864	1.44863	1.44863	3.77203	2.04973	0.483025	1
cg02809009	0.0182503	1.61138	1.61138	0.591659	1.09435	1.09435	0.000160008	2.92701	2.92701	5.94E-05	3.44473	3.44473	15.2189	6.68251	0.390305	1
cg24026570	0.601961	1.11601	1.11601	0.0665306	0.651069	-1.53594	0.00147958	2.60268	2.60268	0.250546	1.28457	1.28457	9.68948	6.67574	0.612415	1
cg13770399	0.67383	0.895934	-1.11615	0.07316	0.595277	-1.67989	0.00814839	0.415149	-2.40877	0.723048	0.911771	-1.09677	8.4911	9.06157	0.948608	1
cg02713068	0.666934	0.900339	-1.11069	0.148958	0.687085	-1.45542	0.770207	1.07361	1.07361	0.0607696	1.66958	1.66958	4.72575	4.40058	0.827726	1
cg14821008	0.0110543	0.725367	-1.37861	0.973367	0.996642	-1.00337	0.342894	0.906244	-1.10346	0.273634	1.12162	1.12162	4.5368	0.72934	0.142899	1
cg05394244	0.643038	1.27421	1.27421	0.46673	0.680764	-1.46894	0.150804	0.449567	-2.22436	0.515734	1.408	1.408	4.30573	18.3837	3.7952	1
cg10778271	0.00814168	0.648866	-1.54115	0.772079	0.963592	-1.03778	0.168642	0.829191	-1.20599	0.156524	1.21352	1.21352	4.09958	1.05871	0.229554	1
cg03182374	0.120808	0.577393	-1.73192	0.487621	0.794367	-1.25886	0.0929956	1.82817	1.82817	0.894769	1.04415	1.04415	3.94148	6.65261	1.50031	1
cg02360263	0.373586	0.795018	-1.25783	0.00793902	0.425337	-2.35107	0.223076	0.725043	-1.37923	0.102389	1.56659	1.56659	3.64273	3.6389	0.887954	1
cg09373727	0.0831588	0.708232	-1.41197	0.000156999	0.312487	-3.20014	0.025285	0.619813	-1.61339	0.00205181	0.457874	-2.18401	16.9682	8.69182	0.455327	1
cg16308229	0.0319035	0.740211	-1.35097	0.00329265	1.61455	1.61455	0.0259965	0.728965	-1.37181	0.876797	0.98161	-1.01873	5.72981	1.29891	0.201505	1
cg16401270	0.0743156	1.6143	1.6143	0.248107	0.749868	-1.33357	0.980686	1.00575	1.00575	0.151634	1.44435	1.44435	5.64762	4.36402	0.676129	1
cg11756387	0.149705	1.72077	1.72077	0.0506257	0.457158	-2.18743	0.0289545	2.47164	2.47164	0.957969	0.981649	-1.01869	4.91865	9.62027	1.73855	1
cg21545720	0.236117	1.33341	1.33341	0.000825135	0.31114	-3.21399	0.458999	0.839665	-1.19095	0.146055	0.696507	-1.43574	4.49589	3.82491	0.756228	1
cg19596493	0.0487363	0.627984	-1.5924	0.755267	0.937418	-1.06676	0.553652	1.13183	1.13183	0.0184937	0.554059	-1.80486	3.55786	2.40716	0.601399	1
cg18584803	0.0471599	0.624891	-1.60028	5.96E-06	0.122042	-8.19392	0.0273296	1.71686	1.71686	0.465963	0.85763	-1.166	30.1581	20.4667	0.60324	1
cg23286173	0.00136533	0.516077	-1.9377	0.807398	0.965829	-1.03538	0.363908	0.87562	-1.14205	0.00467856	0.585516	-1.7079	13.3841	4.29556	0.285284	1
cg04150639	0.895314	0.975147	-1.02549	0.00732559	0.516376	-1.93657	0.29134	0.811139	-1.23283	0.122227	0.726003	-1.37741	8.59033	4.97203	0.514484	1
cg03718353	0.023559	0.57136	-1.75021	0.000269051	0.290204	-3.44586	0.346483	0.818181	-1.22222	0.0294888	0.588236	-1.7	6.71177	4.55444	0.603177	1
cg19862912	0.339614	0.773776	-1.29236	0.26763	0.740137	-1.3511	0.136195	0.658096	-1.51953	0.126766	0.650248	-1.53787	5.78683	6.22357	0.955975	1
cg01542486	0.00235136	0.501253	-1.995	0.0590178	0.70686	-1.41471	0.817532	1.03832	1.03832	0.36315	0.858923	-1.16425	5.71251	2.39543	0.372739	1
cg12107580	0.323101	0.862672	-1.15919	0.0378834	1.41687	1.41687	0.770142	1.04332	1.04332	0.979925	1.00365	1.00365	5.58418	1.85274	0.294919	1
cg14632864	0.0178871	0.549067	-1.82127	0.420768	1.18689	1.18689	0.220369	1.30789	1.30789	0.366648	1.21312	1.21312	5.32534	3.6599	0.610899	1
cg05105646	0.373756	0.798175	-1.25286	0.00567708	0.408272	-2.44935	0.564669	0.866106	-1.15459	0.0427871	0.562302	-1.7784	5.20755	5.02762	0.858175	1
cg08152819	0.00298326	0.568951	-1.75762	0.0125439	0.650615	-1.53701	0.554964	1.08617	1.08617	0.00468344	0.594275	-1.68272	5.0973	1.54704	0.269779	1
cg26849776	0.191674	0.604381	-1.65459	0.00898192	0.298078	-3.35482	0.187139	0.600887	-1.66421	0.999011	1.00045	1.00045	4.09996	8.6179	1.8684	1
cg05136956	0.0373638	0.249758	-4.00387	0.0520233	0.281054	-3.55804	0.0131434	0.17108	-5.84523	0.111882	0.370063	-2.70225	3.98008	20.7825	4.64144	1
cg18675600	0.691182	1.16433	1.16433	0.00320489	0.215892	-4.63195	0.39928	1.3893	1.3893	0.867189	0.938217	-1.06585	4.74595	10.9129	2.04392	1
cg11132469	0.924187	0.968839	-1.03216	0.00913949	0.332459	-3.00789	0.404213	1.32826	1.32826	0.434455	0.767021	-1.30375	3.82853	6.70734	1.55728	1
cg09944149	0.00356334	0.627532	-1.59354	0.00654096	0.65909	-1.51724	0.000237879	2.05085	2.05085	0.298464	0.88058	-1.13561	9.96849	2.19841	0.196032	1
cg09429111	0.0473345	0.484176	-2.06536	0.00245332	0.260036	-3.84563	0.147478	1.64346	1.64346	0.0570674	0.502486	-1.9901	3.77735	6.11259	1.43842	1
cg14467276	0.229871	0.503918	-1.98445	0.324043	0.574607	-1.74032	0.182698	0.463357	-2.15816	0.778056	1.16616	1.16616	4.76436	22.3308	4.16627	1
cg08198102	0.0585739	0.738394	-1.35429	0.000298542	0.433739	-2.30553	0.234618	0.837925	-1.19342	0.0584391	0.738244	-1.35457	11.7167	3.73826	0.283603	1
cg15554631	0.513792	0.937437	-1.06674	0.754161	0.969814	-1.03113	0.515779	0.93773	-1.0664	0.255899	0.890727	-1.12268	7.16359	1.08006	0.134019	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(127 vs. N)	Fold-Change(127 vs. N)	p-value(347T vs. N)	p-value(3477 vs. N)	Fold-Change(347 vs. N)	p-value(3537 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37 vs. N)	Fold-Change(537T 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22707130	PTPLA	0.00670091	0.192803	1.36365	1.36365	1.363436	0.00094	1.36794	0.990341	0.99742	-1.08239	0.44817	1.09004	1.09004	0.01725175	0.52034	1.92182	0.816218	0.948947	-1.0538	0.0724076	1.57028	0.000539005	0.297755	-3.83847	0.0526017	1.64213	6.70287	5.37847	0.715256	1
cg05341848	PTPLA	0.027982	0.418724	0.777773	-1.28572	0.00365406	0.302493	-3.30586	0.0162265	0.0489108	-2.44548	0.271572	0.706013	-1.41641	0.0042985	0.313049	2.19439	0.25899	0.698935	-1.43075	0.0455347	0.497837	-2.00869	0.440185	0.7870474	-1.27053	0.0854752	0.560895	-1.78286	4.18873	6.13734	1.3024	1
cg02916470	PTPLA	0.0436319	0.0887265	0.712967	-1.40259	0.0834254	0.708021	-1.41239	0.0140936	0.57927	-1.72631	0.608449	1.09757	1.09757	0.05736557	0.678855	-1.47307	0.0507137	0.669556	-1.49353	0.00728572	0.536009	-1.86564	0.233997	0.798668	-1.25208	0.0635919	0.686737	-1.45616	3.56642	1.83186	0.457069	1
cg22900193	PTPLA1	0.00040092	0.532101	1.09885	1.09885	0.0114573	0.624226	-1.60158	0.584929	1.08563	1.08563	1.99E-05	0.276157	-3.62112	0.00788297	1.66122	1.66122	0.00985072	1.62561	1.62561	0.546395	1.09518	0.274538	0.844223	-1.18452	0.3959311	1.13825	1.83825	14.3633	5.0472	0.31235	1
cg26319160	PTPLD1	0.0145985	0.238971	1.21896	1.21896	0.79563	1.04255	1.04255	0.141578	1.28887	1.28887	0.0278497	0.658818	-1.51787	0.0466542	0.546612	-1.82945	0.143908	0.777186	-1.28669	0.0315469	0.607669	-1.49903	0.0792486	1.36727	1.36727	0.0415283	0.685679	-1.45841	5.22733	2.113997	0.362873	1
cg04590202	PTPLD1	0.0156201	0.0143603	-2.30626	0.0265507	2.09834	2.09834	0.0148314	0.460478	-1.23536	0.827968	1.06327	1.06327	0.0104512	0.4083068	-2.48097	0.0362884	0.503493	-1.98613	0.00812093	0.3846911	-2.59949	0.612367	0.8658854	-1.15493	0.0769119	0.574435	-1.7411	5.21848	6.56765	1.1187	1
cg02806912	PTPLD1	0.0206212	0.642852	0.896851	-1.11501	0.1611184	1.41745	1.41745	0.166617	1.4103	1.4103	0.00249858	0.37558	-2.66255	0.175249	1.39943	1.39943	0.0401239	0.575271	-1.73831	0.2906669	0.548962	-1.82162	0.5123	0.856475	-1.16758	0.75433	1.07593	1.67585	4.00754	0.765115	1
cg01518357	PTPLD1	0.00408126	0.0565409	0.812589	-1.23054	0.0489373	1.25459	1.25459	0.0338052	1.26016	1.26016	0.0068429	1.2277	1.2277	0.994782	0.919634	-1.0874	0.235555	0.687357	-1.4549	0.0887971	0.332263	1.00134	0.0322363	1.27268	1.27268	0.4439958	1.07792	1.67592	0.535156	0.190111	1
cg12230071	PTPLAD1;PTPLAD1	0.0172528	0.109214	1.24233	1.24233	0.23721	1.16631	1.16631	0.437951	0.96308	-1.10329	0.3855637	1.11683	1.11683	0.999086	1.00014	1.00014	0.747132	0.960606	-1.04101	0.00082502	0.544024	-1.83816	0.782133	1.03504	1.03504	0.0224474	1.40457	0.444959	1.2803	0.2172293	1
cg14498666	PTPLAD2	0.000220424	0.00621188	2.57746	2.57746	0.630782	1.13714	1.13714	0.000754771	3.8796	3.8796	0.000342923	4.61756	4.61756	0.0225311	0.484275	-2.06494	0.000483865	4.27254	4.27254	0.688531	0.898581	-1.11287	0.000111936	0.06297	6.06297	0.000600411	4.07497	4.07497	17.8926	19.9591	0.991548	1
cg16588007	PTPN1	0.000855627	0.33296	1.33209	1.33209	0.5	0.825745	-1.21103	0.712274	0.8148853	1.24611	0.0134548	3.382024	3.382024	0.0734435	0.30132	-3.31922	0.0824879	0.361965	2.76	4.62E-05	0.098551	10.1168	0.47411	0.4887015	-1.24478	0.0154018	0.488891	-1.24464	12.297	17.6191	1.2736	1
cg07063089	PTPLB	0.0239776	0.0140672	0.563626	-1.77423	2.416212	1.26091	1.26091	0.0247704	1.65785	1.657865	0.0001866	0.971285	-1.02956	0.0484774	1.53171	1.53171	0.018208	1.71985	1.71985	0.27287	1.23743	1.23743	0.125953	0.7311116	-1.36777	0.957544	0.989981	-1.01012	4.42083	2.50489	0.503656	1
cg19424542	PTPLB	0.0247269	0.124307	3.01213	3.01213	?	?	?	?	?	?	?	?	?	0.3353175	1.90924	1.90924	0.1883514	3.093307	-2.5291	0.0013379	-20.3098	0.0413738	0.2024493	-4.93844	0.76027	0.8210364	-1.21793	5.72187	27.7978	4.16414	1
cg22473863	PTPLB	0.0357438	0.515076	0.894304	-1.44029	0.7300335	0.825745	-1.21103	0.712274	0.8148853	-1.22721	0.3180092	1.79161	1.79161	0.924871	1.05352	1.05352	0.651894	0.7780212	-1.28533	0.000699684	0.0574286	-17.4129	0.845387	1.11395	1.11395	0.0863772	0.350947	-2.84943	5.837777	18.5693	4.30093	1
cg25873214	PTPMT1;PTPMT1	0.0025615	0.305027	1.52822	1.52822	?	?	?	?	?	?	?	?	?	0.0039888	23.13248	-4.68936	?	?	?	0.0035173	0.205908	4.85655	0.407586	0.0028507	0.2591544	-3.85886	0.613785	1.22531	0.45424	18.509	2.24448	1
cg04808870	PTPMT1;PTPMT1	0.0145918	0.0640176	0.375181	-2.66538	0.387123	1.51819	1.51819	0.0303346	1.33698	1.33698	0.0168062	1.82068	1.82068	0.0320687	-1.08615	0.0254685	0.188619	1.30169	0.0144388	0.247135	4.04227	0.0509953	0.948109	-1.05473	0.171556	1.98485	1.038538	1.59964	1.59964	0.70148	0.161571	0.122823	1
cg06700353	PTPMT1;PTPMT1	0.0375044	0.43442	0.909819	-1.09912	0.1749222	0.842849	-1.18645	0.00396383	0.631839	-1.58268	0.666394	1.05274	1.05274	0.00565315	0.650321	-1.5377	0.0913478	0.802255	-1.24649	0.541895	0.929446	-1.07591	0.55895	1.07254	1.07254	0.144235	0.830373	-1.20428	3.77119	0.8386886	0.197683	1
cg01441612	PTPN1	0.00376601	0.0194959	0.699672	-1.42924	0.0498031	1.05025	1.05025	0.000542151	0.506518	-1.97426	0.024101	0.585889	-1.70681	0.804882	0.969727	-1.0318	0.0130291	1.47649	1.47649	0.8189021	1.02843	1.02843	0.90402	1.01518	1.01518	0.638576	1.06167	1.06167	7.99565	2.02609	0.225344	1
cg14915261	PTPN1	0.0179787	0.967776	0.01261	1.012611	0.1038371	1.76851	1.76851	0.0640789	1.96237	1.96237	0.0311593	1.38967	1.38967	0.01182733	0.384235	-2.60258	0.006318	0.3933	1.39329	0.425749	1.28946	1.28946	0.371374	0.750162	1.33304	0.8565511	1.05776	1.05776	4.62624	6.7157	0.967769	1
cg15864184	PTPN1	0.0406777	0.0248848	0.635627	-1.57325	0.2410218	0.811943	-1.23161	0.0773859	0.716607	-1.39546	0.239909	0.811506	-1.23228	0.866207	0.971785	-1.02903	0.0228263	0.644284	-1.55211	0.00410196	0.518805	-1.92751	0.802548	1.04344	1.04344	0.37035	1.16899	1.16899	3.66039	1.670111	0.405568	1
cg25695466	PTPN1	0.00072781	0.0156515	0.504819	-1.98091	0.2028	1.36345	1.36345	0.122656	0.678241	-1.4744	0.516022	1.16398	1.16398	0.0496365	0.556602	-1.67599	5.08E-05	0.173666	-5.7528	0.000375522	0.226526	-4.41391	0.0199119	0.0405152	2.46852	-1.57628	0.00154212	0.349829	-2.85854	12.8096	10.8367	0.748482	1
cg07278006	PTPN11	0.0016655	0.435215	1.08836	1.08836	8.32E-05	2.1241	2.1241	0.0110279	1.4037	1.4037	0.143285	0.918667	-1.08853	0.662753	1.04778	1.04778	0.0735881	0.808845	-1.23633	0.00723974	0.691746	-1.44562	0.695253	1.04276	1.04276	0.155889	1.17369	1.17369	10.1679	1.82158	0.159245	1
cg22193726	PTPN11	0.00283482	0.00542407	0.182297	-5.51581	0.003431137	0.058935	-1.4181	0.0342743	0.692052	-1.44479	0.176886	0.008794576	0.210778	-2.94434	0.00562528	0.183398	-5.42262	0.0012	0.33177	-3.01407	0.0169318	0.255746	-3.91013	0.0264892	0.288713	-3.46369	0.78307	0.813575	0.606584	7.4883	0.7	0.093505	1
ch.12.22842408	PTPN11	0.00695647	0.00808725	0.463807	-2.15607	0.00810368	0.463948	-2.15541	0.0102831	0.480676	-2.0804	0.000813173	0.318635	-3.13839	0.00490251	0.429776	-2.32679	0.164838	0.71487	-1.39886	0.0160304	0.512867	-1.94982	0.0612199	0.620145	-1.61253	0.157109	0.709809	1.40883	6.62799	5.38639	0.722376	1
cg04916984	PTPN11	0.0200679	0.967015	0.0913138	-1.00691	0.166379	0.782131	-1.27856	0.00199149	0.483384	-2.06875	0.730152	1.05935	1.05935	0.997977	1.00042	1.00042	0.111364	0.749172	-1.33481	0.0022651	0.491003	-2.03665	0.02274	1.09118	1.09118	0.4683113	0.884473	-1.13074	4.69215	2.06374	0.390377	1
cg24032394	PTPN11	0.040631	0.679006	0.894192	-1.11846	0.3257921	0.836124	-1.19559	0.0994073	0.660463	-1.51536	0.0337704	1.65002	1.65002	0.0237706	1.601021	1.601021	0.234314	0.482202	-2.0727	0.0104908	0.731198	-1.36762	0.453127	1.1444	1.1444	0.00771464	1.829054	1.836386	0.434979	1.2	0.166667	1
cg20097289	PTPN11	0.048068	0.684309	1.08478	1.08478	0.929709	0.98259	-1.01772	0.362253	0.829922	-1.20493	0.0214194	0.57681	-1.73367	0.0296033	0.600594	-1.66502	0.00387644	0.460994	2.16923	0.443907	1.16811	1.16811	0.532058	0.8816018	-1.13428	0.278874	0.799213	-1.25123	3.43913	2.15848	0.557888	1
cg09337511	PTPN11	0.04089139	0.2112	0.820557	-1.21868	0.4749834	0.61543	1.61543	0.0955358	1.58052	1.58052	0.0178021	1.38021	1.38021	0.8195157	1.03944	1.03944	0.5536218	0.950623	-1.05217	0.6373407	0.910491	-1.09867	0.4161	1.07887	1.07887	0.314165	1.27974	1.28021	0.298811	1.07897	0.6	0.166667	1
cg27541540	PTPN11;PTPN11	0.0493994	0.0956875	0.34112	2.94312	0.624117	1.25833	1.25833	0.259214	0.578314	-1.72916	0.0804642	2.46472	2.46472	0.08107493	0.245926	4.06529	0.0457317	2.90275	2.90275	0.0304882	0.360553	2.77605	0.0162702	0.760539	-1.31486	0.0946611	1.35053	1.42032	0.343027	11.669	3.04739	1
cg06075520	PTPN11;PTPN12;PTPN12	0.00115543	0.00227732	0.334493	-2.9896	0.384415	1.25716	1.25716	0.000506004	4.03342	4.03342	0.783688	0.918221	-1.07317	0.392751	1.25191	1.25191	0.000426489	0.238971	-4.18462	0.173029	0.689301	-1.45074	0.101903	1.58321	1.58321	0.561912	1.1624	1.1624	11.2931	11.7779	0.927053	1
cg23687994	PTPN11;PTPN12;PTPN12	0.00119637	0.0158629	0.644048	-1.55243	0.1388111	1.28811	1.28811	0.0151266	1.42875	-1.09544	0.0177416	1.6003	1.6003	0.0147284	1.70168	1.70168	4.28E-05	0.141003	-7.0921	?	?	?	1.14596	-4.4449	0.108405	0.9248	0.7	0.166667	1	0.2694	0.269469	1
cg09871328	PTPN12;PTPN12;PTPN12	0.00204448	9.13E-05	0.13783	-7.2553	0.4231123	1.26103	1.26103	0.567933	0.849054	-1.17778	0.275927	0.725219	-1.37889	0.868332	1.04797	1.04797	0.002517	0.304439	-3.28473	0.00332428	0.322006	-3.10553	0.758181	1.09122	1.09122	0.513698	1.20653	1.20653	1.50857	12.1928	1.13129	1
cg26285766	PTPN12;PTPN12;PTPN12	0.00292417	0.585204	1.08197	1.08197	0.5531581	0.810284	1.13337	0.0284335	1.31192	1.31192	0.0134184	0.841279	1.17992	0.0135457	1.180345	1.180345	0.000210238	0.23881	-4.18804	0.0444	0.302222	3.30695	0.0139	0.394554	2.53512	0.0400406	1.69136	0.394554	2.53512	0.0400406	1.69136	0.394554	1
cg19268947	PTPN12;PTPN12;PTPN12	0.0047278	0.818394	1.06954	1.06954	0.06698652	0.360657	-2.77272	0.00638456	0.354355	-2.82203	0.138597	1.59369	1.59369	0.008017562	2.69957	2.69957	0.647266	1.14416	1.14416	0.0100319	2.5858	2.5858	0.626364	1.15421	1.15421	0.026782	1.46443	-2.15318	7.46487	10.102	1.2029	1
ch.7.16993328	PTPN12;PTPN12;PTPN12	0.00988105	0.19034	0.874638	-1.14333	0.2026221	0.668746	-1.49534	0.000952591	0.621526	-1.60894	0.0204774	0.763612	-1.30957	0.442079	1.07864	1.07864	0.562288	1.05821	1.05821	0.469115	0.931338	-1.07372	0.61777	0.952573	-1.04979	0.45414	1.07642	1.07642	5.93327	0.876527	0.131316	1
cg02035416	PTPN12;PTPN12;PTPN12	0.0119296	0.00997245	0.41297	-2.42139	0.1586257	0.556232	-1.8131	0.0342743	0.692052	-1.44479	0.176886	0.008794576	0.210778	-2.94434	0.00562528	0.183398	-5.42262	0.0012	0.33177	-3.01407	0.0169318	0.255746	-3.91013	0.0264892	0.288713	-3.46369	0.78307	0.813575	0.606584	7.4883	0.7	0.093505	1
cg26152388	PTPN12;PTPN12;PTPN12	0.0233292	0.58914	0.953566	-1.04869	0.1134191	1.306	1.306	0.0409677	1.22836	1.22836	0.27951	1.103	1.103	0.0265768	1.2576	1.2576	0.767046	0.974428	-1.02624	0.0863663	0.847724	-1.17963	0.022399	0.787756	-1.26943	0.508069	1.0603	1.0603	4.46293	0.537439	0.107043	1
cg23439882	PTPN12;PTPN12;PTPN12	0.0160988	0.73818	1.04788	1.04788	0.2979577	0.66568	1.60668	0.0195167	1.3102	1.3102	0.0139882	1.78674	1.78674	0.0148024	1.70153	1.70153	0.658284	1.0403	1.0403	0.4161567	0.894599	-1.11839	0.0802655	0.491003	-2.03665	0.02274	1.09118	1.09118	0.4683113	0.884473	-1.13074	4.69215	2.06374	0.390377	1
cg24793300	PTPN12;PTPN12;PTPN12	0.0331029	0.771701	1.0232	1.0232	0.140878	1.26984	1.26984	0.550964	1.0487	1.0487	0.0149959	0.790015	-1.2658	0.237236	1.10252	1.10252	0.714556	1.02938	1.02938	0.727948	0.97285	-1.02791	0.0401178	0.829487	-1.20556	0.0667213	1.1759	1.1759	3.94564	0.388227	0.0874614	1
cg04402693	PTPN13;PTPN13;PTPN13	0.00200741	0.542668	0.894482	-1.11797	0.937902	1.0142	1.0142	0.099556	0.721335	-1.38632	0.000115733	0.294356	-3.39725	7.83E-05	0.274492	-3.6431	0.00234045	0.46363	-2.15689	9.73E-05	0.285459	-3.50313	0.8393394	0.963945	-1.0374	0.000305239	0.345953	-2.89057	18.2067	9.44213	0.460984	1
cg02143968	PTPN13;PTPN13;PTPN13	0.0154941	0.0187848	0.647788	-1.54357	0.2050086	0.791567	1.39367	0.0139543	1.36345	1.36345	0.0139367	0.351453	-2.84577	0.0232982	0.733515	-1.36355	0.0657579	0.6015717	1.66151	0.0170554	0.513222	-1.94841	0.0611	0.6404314	1.56129	0.0020259	0.322	-3.10686	0.272637	1	0.2694	0.269469	1
cg11117633	PTPN13;PTPN13;PTPN13	0.027713	0.597564	1.08333	1.08333	0.134309	1.27534	1.27534	0.502653	1.10761	1.10761	0.213545	1.21747	1.21747	0.559911	1.0926	1.0926	0.656983	0.935058	-1.06945	0.00988549	0.479302	-2.08637	0.330044	0.782202	-1.27844	0.983894	0.996972	-1.00304	4.2093	1.50241	0.317744	1
cg00245669	PTPN13;PTPN13;PTPN13	0.0206555	0.0408347	0.477013	-2.09586	0.3257921	0.836124	-1.19559	0.0994073	0.660463	-1.51536	0.0337704	1.65002	1.65002	0.0237706	1.601021	1.601021	0.234314	0.482202	-2.0727	0.0104908	0.731198	-1.36762	0.453127	1.1444	1.1444	0.00771464	1.829054	1.836386	0.434979	1.2	0.166667	1
cg00538819	PTPN14	3.22E-05	0.682691	0.951321	-1.05117	0.104427	1.24049	1.24049	0.229945	1.16525	1.16525	3.17E-07	6.11314	6.11314	0.4319	1.10229	1.10229	0.502362	0.920668	-1.08617	0.0389703	0.748142	-1.33664	0.0241014	1.38623	1.38623	0.0081041	1.50927	1.50927	29.8957	6.97975	0.207529	1
cg00103329	PTPN14;PTPN14;PTPN14	0.0057304	0.0957904	1.12158	1.12158	3.55E-05	0.4409098	-2.48078	0.0016646	0.481439	-2.07763	0.0040457	1.68121	1.68121	0.0012027	2.08021	2.08021	0.0379806	0.7609887	-1.31452	0.0102953	1.65048	1.65048	0.4440413	1.11721	1.11721	0.0376302	1.31598	1.31598	0.62526	4.21422	0.182506	1
cg08933505	PTPN14;PTPN14;PTPN14	0.000187871	0.0288764	0.60811	-1.64442	0.599007	0.906037	-1.11033	0.938364	1.05141	1.05141	2.87E-06	3.94479	3.94479	0.0839464	0.662565	1.50929	0.127198	0.72616	-1.37692	0.0139753	1.73917	1.73917	1.40072	0.835834	1.04188	1.04188	0.593755	0.899015	2.11233	18.6853	5.11	0.550404	1
cg26912890	PTPN14;PTPN14;PTPN14	0.000231724	0.981954	1.00698	1.00698	0.060316	1.91764	1.91764	0.394567	1.30734	1.30734	1.74E-06	39.4286	39.4286	0.557446	1.20002	1.20002	0.0477097	2.00542	2.00542	0.189471	1.53291	1.53291	0.966802	1.01287	1.01287	0.108294	1.71332	1.71332	17.6304	26.3737	1.3297	1
cg01656076	PTPN14;PTPN14;PTPN14	0.000187807	0.0269393	0.76359	1.30962	0.647782	1.54373	1.54373	0.921988	1.03013	1.03013	0.181018	1.8639894	1.8639894	0.1127207	1.41843	1.41843	0.0379806	0.7609887	-1.31452	0.0102953	1.65048	1.65048	0.4440413	1.11721	1.11721	0.0376302	1.31598	1.31598	0.62526	4.21422	0.182506	1
cg01980717	PTPN14;PTPN14;PTPN14	0.000814288	0.0522266	0.580849	-1.72162	0.0241072	0.515931	-1.93824	0.044554	0.56692	-1.76392	0.21124	0.723201	-1.38274	2.02E-05	0.119921	8.33881	0.0313532	0.537234	-1.86139	0.0012886	0.315328	-3.1713	0.0548225	0.58517	-1.7089	0.00116589	0.309442	-3.23162	12.4698	11.9557	0.852241	1
cg25439729	PTPN14;PTPN14;PTPN14	0.000882119	0.0609322	0.743004	-1.34594	0.5015526	0.713513	-1.40152	0.0104595	0.620947	-1.61097	0.0040303	2.23764	-4.67806	0.0042901	0.153516	6.51616	0.0013956	0.1159	0.000121447	0.0361059	-27.6961	0.563002	1.32964	1.32964	0.000975745	0.0882669	-11.3293	12.1916	2.38112	0.344727	1
cg06907347	PTPN14;PTPN14;PTPN14	0.00010848	0.000280875	0.44139	-2.83475	0.0166887	1.67346	1.67346	0.0404303	1.49134	1.49134	0.0104303	-1.10582	0.001266633	2.2757	2.2757	0.004229	0.0004229	0.1955156	0.0003512	0.1958352	0.830075	-1.20471	0.9139944	1.10108	1.10108	0.1142735	0.540194	1.65457	0.540194	5.53042	0.540194	1
cg16488544	PTPN14;PTPN14;PTPN14	0.00236504	0.00153298	0.225118	-4.44212	0.0392019	0.231554	-4.3914	0.0196184	0.345546	-2.89397	0.0575259	0.450066	-2.24686	0.00035491	0.115166	-8.68313	0.0216818	0.353866	-2.82593	0.004224	0.236077	-4.23591	0.0948941	0.500715	-1.99714	0.000899905	0.153714	-6.50558	0.180558	20.6525	1.99963	1
cg20683815	PTPN14;PTPN14;PTPN14	0.00252621	0.0691784	0.647054	-1.54541	0.2414236	0.756325	-1.32217	0.0523503	0.576562	-1.7352	0.0133505	0.609668	-1.64049	0.0139979	0.554467	-1.80359	0.0008591	0.589082	-1.69756	0.0004229	0.789461	-1.26665	0.450606	0.9215538	-1.08514	0.731091	0.963992	-1.03758	0.0004229	0.789461	-1.26665	0.450606	0.9215538	-1.08514	0.731091	0.963992	-1.03758	1.61457	0.150975	1
cg18816474	PTPN14;PTPN14;PTPN14	0.00315332	0.10839	0.623927	-1.60275	0.150578	0.66035	-1.51435	0.00742507	0.39504	-2.53139	0.0613085	0.566727	-1.76452	0.000298333	0.204886	-4.88077	0.209646	0.700382	-1.42779	0.000391128	0.21823	-4.58233	0.506021	0.833812	-1.19931	0.0122641	0.431606	-2.31693	8.43227	9.68819	1.02128	1
cg07231394	PTPN14;PTPN14;PTPN14	0.00325063	0.0946011	0.435123	-2.2982	0.0031719	0.1506	-6.64012	0.177101	0.523982	-1.90846	0.162951	0.511001	-1.95694	0.00792044	0.195414	-5.11734	0.0871606	0.41697	-2.39825	0.0004268	0.16428	-6.08603	0.0012806	0.10762	-9.29194	0.918956	0.32322	2.40373	1	0.2694	0.269469	1
cg22719308	PTPN14;PTPN14;PTPN14	0.00582015	0.0544092	0.431018	-2.32009	0.00103315	0.153457	-6.51648	0.663691	1.18377	1.18377	0.544986	0.789605	-1.26646	0.00150791	0.24009	4.1651	0.806511	0.909715	-1.09975	0.0139431	1.676975	-5.96377	0.0360048	0.39198	-2.55115	0.0206135	0.341244	2.90965	7.0046	6.49449	2.09322	1
cg10952190	PTPN14;PTPN14;PTPN14	0.00606936	0.495118	0.766154	-1.30522	0.000205626	0.0915568	-10.927	0.00396019	0.225346	-4.43762	0.1202	0.522992	-1.91208	0.071932	0.461862	-2.16515	0.0634038	0.448111	-2.23159	0.0177451	0.33	-3.0303	0.10925	0.510919	-1.95726	0.0201664	0.340442	-2.93736	6.91457	16.1931	2.08167	1
cg06539061	PTPN14;PTPN14;PTPN14	0.0015705	0.0993904	1.12158	1.12158	3.55E-05	0.4409098	-2.48078	0.0016646	0.481439	-2.07763	0.0040457	1.68121	1.68121	0.0012027	2.08021	2.08021	0.0379806	0.7609887	-1.31452	0.0102953	1.65048	1.65048	0.4440413	1.11721	1.11721	0.0376302	1.31598	1.31598	0.62526	4.21422	0.182506	1
cg20384604	PTPN14;PTPN14;PTPN14	0.00090822	0.0937686	0.598529	-1.67076	0.429811	0.798944	-1.25165	0.00936626	0.399427	-2.50358	0.00700147	0.378584	-2.64142	0.00041542	0.210176	-4.75791	0.577213	0.85483	-1.16982	0.253519	0.731393	-1.39394	0.769717	1.08519	1.08519	0.0347541	0.503858	-1.98469	0.09135	7.48376	1.09208	1
cg05063274	PTPN14;PTPN14;PTPN14	0.0104087	0.795163	1.03258	1.03258	0.1998428	0.811357	-1.23257	0.0316455	0.798428	-1.25303	0.0318313	0.562491	-1.77814	0.0318313	0.562491	-1.77814	0.0250525	0.812325	-1.23095	0.0316455	0.798428	-1.25303	0.0318313	0.562491	-1.77814	0.0318313	0.562491	-1.77814	0.0250525	0.812325	-1.23095	0.0316455	0.798428	-1.25303	0.0318313	0.562491	-1.77814	1.23	0.16327	1
cg16318728	PTPN14;PTPN14;PTPN14	0.0120237	0.0303054	0.232795	-4.29562	0.372647	0.592206	-1.6886	0.00591063	0.127295	-7.85576	0.255184	0.506627

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5277 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Error
cg27370993	PTPN4	0.0160244	1.36985	1.41825	1.41825	0.0324738	0.550163	-1.81764	0.00004433	0.452947	2.20776	0.0856391	1.57379	1.57379	0.00410363	0.398027	-2.50672	0.262767	0.756769	-1.32141	0.220349	1.38013	1.38013	0.895893	0.969527	-1.03143	0.8293377	0.949701	-1.05286	5.06842	4.57356	0.8021202	1
cg26333591	PTPN4	0.016081	1.150848	0.8185568	-1.22165	0.00062451	1.98212	1.98212	0.0254925	1.41227	1.41227	0.0767708	1.29168	1.291668	0.941334	-1.06232		0.5003779	1.09302	1.09302	0.825386	0.971676	-1.02915	0.669149	1.05749	1.05749	0.55897	0.926034	-1.07987	5.06248	1.35574	0.2380466	1
cg08171125	PTPN4	0.0199074	0.556746	0.90384	-1.10639	0.00321125	0.504538	-1.98201	0.1144444	0.746737	-1.33916	0.177475	0.783651	-1.27608	0.01171308	1.70869	1.70869	0.37821	0.857452	-1.16625	0.0691722	1.4132	1.4132	0.797734	1.04465	1.04465	0.883887	0.975449	-1.02517	4.71198	2.15925	0.4073311	1
cg22491379	PTPN4	0.2020356	1.736	1.736	1.736	0.5821151	0.796491	-1.25555	0.763808	1.13129	1.13129	0.0930033	1.13137	1.13137	0.0039423	0.195745	5.10869	0.136723	0.518677	-1.92708	0.247106	0.609285	-1.64127	0.0470181	2.50574	2.50574	0.134333	0.915349	-1.02341	4.34333	11.5349	2.360681	1
cg21509967	PTPN4	0.0368351	0.455559	0.854791	-1.16988	0.00443234	2.19026	2.19026	0.475692	1.16153	1.161153	0.441266	1.17599	1.175999	0.0705763	0.737786	-1.35541	0.385675	1.20154	1.20154	0.050246	1.640283	0.630783	-1.58533	0.0937202	1.46305	1.46305	0.113559	1.42685	0.730783	1.37053	0.0755353	1.44272	0.58522	-1.70853	4.66273	2.58252	0.6636311	1
cg02487239	PTPN4	0.0472052	0.113512	0.68801	-1.45338	0.0931888	0.669027	-1.49327	0.167769	0.726722	-1.37604	0.0885048	0.58381	0.583811	0.933732	1.01821	1.01823	0.125124	1.43391	1.43392	0.0182663	0.536877	-1.86262	0.0919852	1.49592	1.49592	0.738273	1.07553	1.07553	3.46272	2.58522	0.66363	1
cg24856518	PTPN4;PTPN4	0.2207301	0.130096	0.77606	-1.28856	0.19349	0.807874	-1.23782	0.215826	1.22382	1.22382	0.0701417	0.730571	-1.36879	0.954311	1.00892	1.00892	0.600995	0.921439	-1.08526	0.00770776	1.70035	1.70035	0.455252	0.888762	-1.12516	0.0063172	1.73572	1.73572	4.6475	1.76968	0.3384672	1
cg01308931	PTPN4;PTPN4	0.0364528	0.974237	0.98515	-1.01494	0.508771	1.30916	1.30916	0.100586	1.02486	2.32486	0.636874	1.24939	1.24939	0.619245	1.26435	-1.26435	0.0019423	0.128553	-7.7788	0.00617188	0.42839	-2.33432	0.0978774	1.65579	1.65579	0.268346	1.71571	1.71571	3.81048	13.231	3.508646	1
cg22316674	PTPN5;PTPN5;PTPN5	0.0015564	0.00121485	0.450173	-2.22137	0.0955024	1.36156	1.36156	0.244463	0.814475	-1.22779	0.191471	0.992104	-1.26246	0.00336697	0.377508	-2.64895	0.51239	0.89067	-1.11848	0.474522	1.46542	1.46542	0.604145	1.09215	1.09215	0.0368665	1.80295	10.3687	6.66406	0.3998439	1
cg19550755	PTPN5;PTPN5;PTPN5	0.00530347	0.119197	0.739664	-1.35197	0.242087	1.24401	1.24401	0.554794	0.898945	-1.11242	0.018665	0.601432	-1.6627	0.0856338	0.712616	-1.40328	0.129225	1.33957	1.33957	0.0195287	0.604512	-1.65423	0.000613002	2.56253	2.56253	0.711298	0.935853	-1.06854	7.20754	3.63033	0.44772	1
cg02173924	PTPN5;PTPN5;PTPN5	0.0221944	0.00998743	0.546375	-1.83075	0.0148268	1.142751	1.142751	0.0466877	0.829996	-1.07527	0.102067	1.39139	1.391393	0.0178859	0.717205	-1.39439	0.0019693	0.180102	-5.55555	0.0002115	2.432751	2.432751	0.242615	0.924741	-1.08126	0.0158426	0.578173	1.72959	0.541221	2.473139	0.4838513	1
cg22404856	PTPN5;PTPN5;PTPN5	0.0268579	0.431495	1.49388	1.43988	0.527229	1.31761	1.33769	0.132007	0.477976	-2.09216	0.22724	1.77823	1.778233	0.00239758	0.14647	-6.82735	0.628189	0.801243	-1.24806	0.631058	1.24572	1.24572	0.484043	0.724021	-1.38117	0.0090193	1.223476	1.223476	0.515164	2.449523	13.8771	2.90272	1
cg19655312	PTPN5;PTPN5;PTPN5	0.0399905	0.027619	0.377766	-2.65048	0.829428	0.883634	0.883634	0.0246673	0.226098	-4.18431	0.0701573	0.326779	-3.06017	0.220947	0.491116	-2.03618	0.0021758	0.189512	-5.27503	0.0001792	2.153788	2.153788	0.197082	1.12417	2.12417	0.0458806	0.282432	-3.54067	3.683646	4.29705	0.5344	1
cg04956511	PTPN6	0.000492818	0.0876876	1.49653	1.49653	0.000978538	2.85374	2.85374	0.310091	1.4513	1.4513	0.667896	0.911823	-1.83769	0.0967	0.0847906	1.5032	1.5032	1.5032	0.00947443	2.01998	2.01998	2.86E-05	5.80389	5.80389	0.000265375	3.59983	3.59983	0.5092621	0.866593	-1.15394	14.348	10.3939	0.6439926	1
cg23193870	PTPN6	0.0134577	0.0478461	2.27608	2.27608	0.00213027	4.80218	4.802218	0.0128043	3.07006	3.07006	0.241806	1.56108	1.561108	0.226124	1.58733	1.58733	0.0129332	3.06985	3.06985	0.0496881	3.28796	3.28796	0.00587377	3.70853	3.70853	0.194972	1.64703	1.64703	5.36904	11.2376	1.86048	1
cg09384959	PTPN6	0.0225097	0.155826	1.16036	1.16036	0.00435712	0.84795	0.847955	0.229574	1.29734	1.29734	0.098072	0.97324	-1.02756	0.845354	0.634886	-1.57506	0.772593	0.84001	-1.19005	0.8482	0.891302	-1.12195	0.028574	1.47303	1.47303	0.498336	1.511	1.511	3.67945	21.1154	5.07627	1
cg15264991	PTPN6;PTPN6;PTPN6	0.00145045	0.00298128	0.27735	-3.60555	0.00807798	0.343761	-2.909	0.0022891	0.261292	-3.82714	0.0277615	0.44097	-2.26773	0.000403136	0.170196	-5.87559	0.00531693	0.314728	-3.17735	0.000462195	0.176498	-5.66579	0.00442288	0.302494	-3.30585	0.0119966	0.372906	-2.68164	10.5814	16.6036	1.39479	1
cg04234016	PTPN6;PTPN6;PTPN6	0.00760951	0.000652158	0.159812	-5.24075	0.0004673	0.576012	-1.73421	0.1635021	0.625258	-1.59865	0.00523328	0.312827	-3.19665	0.00142586	0.256625	-3.77993	0.0157464	0.193143	-2.5416	0.0053151	0.572187	-1.74768	0.0922559	0.597311	-1.79433	0.0586993	0.50982	-1.96148	6.44466	10.159	1.4012	1
cg24850716	PTPN6;PTPN6;PTPN6	0.0151466	0.005623681	0.5034426	1.08396	0.974924	-1.02572	0.0305944	0.61896	-1.61561	0.5540991	0.818864	-1.22154	0.7380598	0.1896284	-1.70736	0.5706024	1.1143	1.1143	0.1945003	0.3594662	-2.53381	0.0327813	0.624032	-1.60253	0.50412	0.8790851	-1.13656	5.46045	2.91607	0.5910944	1
cg24437859	PTPN6;PTPN6;PTPN6	0.0205782	0.0186169	0.18751	-5.33304	0.2287349	0.476545	-2.09844	0.063877	0.294583	-3.39463	0.0118254	0.158125	-6.3241	0.00550324	0.117491	-8.5113	0.0359447	0.238873	-4.18632	0.0070825	0.129787	-7.70493	0.0936398	0.338956	-2.95023	0.0237926	0.205334	-4.87011	4.65916	25.4073	4.34728	1
cg22260508	PTPN6;PTPN6;PTPN6	0.0111707	0.2660591	0.664965	-1.50343	0.0509004	2.94	2.94	0.1577559	0.709342	-1.40976	0.4227911	0.742816	-1.34617	0.0032209	0.310328	-3.22193	0.0450073	0.433741	-2.30552	0.164198	0.582014	-1.71826	0.130788	1.82155	1.82155	0.944837	1.02544	1.02544	4.60153	8.41991	1.85624	1
cg26842815	PTPN6;PTPN6;PTPN6	0.0381457	0.698543	0.9151	-1.09278	0.836028	0.148038	1.04838	0.372461	0.8116031	-1.23213	0.0505089	0.601636	-1.66214	0.1891701	0.728255	-1.37315	0.0754172	1.57026	1.57026	0.0480499	2.150084	2.150084	0.516964	1.16159	1.16159	0.0499303	0.600655	-1.66485	3.74788	3.08497	0.731665	1
cg14311559	PTPN6;PTPN6;PTPN6	0.0402621	0.659755	0.955015	-1.04707	0.0132589	0.881375	0.881375	0.0139178	0.623562	-1.60436	0.0803594	0.537562	-1.86051	0.0168011	0.577252	-1.73235	0.0023782	0.189551	-5.27502	0.0001792	2.153788	2.153788	0.197082	1.12417	2.12417	0.0458806	0.282432	-3.54067	3.683646	4.29705	0.5344	1
cg13549444	PTPN6;PTPN6;PTPN6;PTPN6;PTPN6	0.000133849	0.0722241	1.25023	1.25028	4.21E-05	0.419887	-2.38159	0.0415923	0.76985	-1.29895	0.0012597	0.592054	-1.68904	0.0432676	0.771956	-1.29541	0.0282609	1.33423	1.33423	0.000123548	2.10727	2.10727	0.119327	0.828465	-1.20705	0.0116768	0.704094	1.42026	20.4754	4.01933	0.174489	1
cg21963177	PTPN6;PTPN6;PTPN6;PTPN6;PTPN6	0.021089	0.718064	0.912424	-1.09598	0.0136864	0.462685	-2.1613	0.0942984	0.6287	-1.59193	0.0039105	0.375482	-2.66325	0.258403	0.742237	-1.34728	0.821181	0.94418	-1.0589	0.420468	0.925446	0.925446	0.493303	0.600655	-1.66485	3.74788	3.08497	0.731665	1
cg25746194	PTPN7;PTPN7	0.00416704	0.00112686	0.161786	-2.88703	0.0123549	1.129477	1.13947	0.0037538	0.174372	-3.73445	0.0822722	0.229522	-4.35602	0.0001758	0.763161	-1.31032	0.0072559	0.283507	-3.52703	0.0018286	0.179957	0.5832	-1.71467	0.0078515	0.803537	-1.2445	0.222381	1.78582	0.2552	2.553617	1
cg09887955	PTPN7;PTPN7	0.0051307	0.00308318	0.206016	-4.85398	0.00941473	0.276987	3.61028	0.00755319	0.261725	-3.82081	0.0319965	0.375329	-2.66433	0.0429684	0.403162	-2.48039	0.0212638	0.339653	-2.94418	0.000365915	0.107909	-9.26708	0.439049	0.735053	-1.36045	0.0876686	0.478854	-2.08832	7.28124	17.5415	2.14145	1
cg07577934	PTPN7;PTPN7	0.01319	0.003113158	0.187441	-5.33265	0.0154122	1.078106	-1.37443	0.0803868	0.625258	-1.59865	0.00523328	0.312827	-3.19665	0.00142586	0.256625	-3.77993	0.0235649	0.196041	-5.10057	0.0014557	0.386403	-2.58806	0.0117707	0.272222	-3.67355	0.0044646	0.34597	-2.89004	14.6987	24.4784	2.40784	1
cg00903584	PTPN7;PTPN7;PTPN7	0.00201859	0.013475	0.607131	-1.64709	0.1059005	0.743435	-1.34513	0.0225755	0.440725	-2.26917	0.0268003	0.503409	-1.98546	0.0076504	0.721423	-1.38615	0.348129	0.82536	-1.17321	0.877613	0.974837	-1.02581	0.897983	0.732434	-1.36531	0.538-05	0.207546	1.62669	0.6153	1.6855	0.385009	1
cg02880256	PTPN9	0.00311669	0.90857	1.01613	1.01613	0.0389674	1.39506	1.39506	0.0185068	0.671709	-1.48874	0.026698	0.683884	-1.46224	0.000562193	0.474754	-2.10635	0.103087	0.780042	-1.28198	0.965449	0.993984	-1.00605	0.8897655	0.770627	-1.29764	0.00100216	0.506384	-1.97478	8.46164	2.60079	0.2732111	1
cg22603992	PTPN9	0.00395198	0.0685637	0.7966	-1.25539	0.1966179	0.856507	-1.16758	0.0167407	-1.18258	0.8453235	-1.18543	0.8411444	1.188143	-1.18543	0.8411444	1.188143	0.0028567	3.25452	3.25452	0.140596	0.584207	-1.71128	0.0027444	0.544557	0.54657	0.115663	1.63407	1.63407	0.1649787	0.8418	1.16341	1
cg22806587	PTPN9	0.0130529	0.755082	0.35345	1.05345	0.929649	0.985414	-1.0148	0.550936	1.10561	1.10561	0.266066	0.824614	-1.21269	0.200424	0.798479	-1.25238	0.101233	0.741837	-1.34801	0.0236947	0.638026	-1.56733	0.00854338	1.74779	1.74779	0.0567481	1.43166	1.43166	3.94078	1.73127	0.389816	1
cg12609321	PTPN9	2.44E-05	0.002111159	0.4005	-2.49722	0.0188077	0.716575	-1.39605	0.04876	1.0578	1.0578	0.0144897	0.65921	-1.51705	0.0144897	0.65921	-1.51705	0.0001252	0.172525	-5.79852	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	1
cg23904377	PTPRA	0.00208065	0.00173265	0.32397	-3.0867	0.0107543	0.445568	-2.24433	0.0118369	0.452616	-2.20938	0.0685427	0.597899	-1.67252	0.0148009	0.469334	2.13068	0.0166577	0.47835	-2.09052	0.00019161	0.204967	-4.87884	0.193506	0.706757	-1.41491	0.00100446	0.291803	-3.42697	9.53139	6.50438	0.895789	1
cg00661753	PTPRA;PTPRA	0.00144534	0.004844227	0.605834	-1.65062	0.168139	0.823448	-1.21441	0.0122474	1.5109	1.5109	0.0402382	0.730927	-1.36813	0.230517	0.846755	-1.18098	0.000368536	2.1259	2.1259	0.00749235	0.633685	-1.57807	0.167635	0.823233	-1.21472	0.261122	1.16766	1.16766	0.59321	2.934433	0.246249	1
cg01048080	PTPRA;PTPRA	0.0020864	0.0146364	4.04E-05	2.47351	0.0128784	1.01673	1.01673	0.0110373	0.414722	2.41136	0.0146398	1.13939	1.139393	0.0167313	1.16928	1.16928	0.0449523	0.901093	-1.10976	0.0165356	1.30541	1.30541	0.753694	0.959347	-1.04238	0.0908124	1.28662	1.28662	1.56101	2.77096	0.257616	1
cg15157791	PTPRA;PTPRA;PTPRA	0.0141875	1.16157	1.38168	1.38168	0.00922964	0.489338	-2.04358	0.00608206	0.460868	-2.16982	0.0250663	0.56191	-1.77964	0.0385207	0.59546	-1.67937	0.2334145	0.763226	-1.31023	0.850744	0.960079	-1.04158	0.433184	1.18883	1.18883	0.0102009	0.496314	-2.01485	5.27674	3.90897	0.658482	1
cg26863380	PTPRA;PTPRA;PTPRA	0.0282383	0.604575	1.152	1.152	0.6956027	0.976191	1.09795	0.7272817	0.622826	-1.60817	0.8662551	1.040861	1.040861	0.4924552	0.968534	-1.03257	0.0399368	0.548648	-1.82306	0.0153709	0.685517	-1.45853	0.0115403	1.42021	1.42021	0.603236	1.12213	1.12213	4.1754	2.7382	0.7944457	1
cg01528349	PTPRB	0.0195551	0.0521001	1.265856	-3.76143	0.0370039	2.344047	-4.27264	0.0297902	0.215834	-4.6232	0.661283	0.637815	-1.56785	0.0295034	0.087015	-11.4923	0.0338584	2.226415	-4.41667	0.0026822	0.083117	-12.0311	0.502554	0.664982	-1.5038	0.210116	0.45299	2.207755	4.77392	27.1816	5.06112	1
cg14138611	PTPRB	0.0286553	0.0166166	3.32602	-3.06729	0.0273761	0.370029	-2.70249	0.0118793	0.302357	-3.30735	0.638188	0.834925	-1.19771	0.0125752	0.306623	-3.26134	0.104555	0.508745	-1.96562	0.0144543	0.317259	-3.152	0.0270398	0.368941	-2.71046	0.423036	0.732198	-1.36575	4.15375	9.54505	2.04261	1
cg27604626	PTPRB;PTPRB	0.0040334	0.0004156	0.449119	-2.45809	0.0154938	0.353172	-2.83148	0.0028883	0.187241	-5.34139	0.0002546	0.266066	-3.75853	0.0001252	0.172525	-5.79852	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	1
cg06227406	PTPRB;PTPRB	0.0063353	0.659281	0.870774	-1.1484	0.70181	1.12747	1.12747	0.0509462	0.49988	-2.00048	0.0253462	0.436480	-2.29101	0.0020025	0.250802	-3.98743	0.304327	1.39341	1.39341	0.00429885	0.175961	-5.68307	0.204181	0.662605	-1.50909	0.686881	1.81288	1.1347	6.82344	10.5101	1.36914	1
cg09138208	PTPRB;PTPRB	0.0131575	0.496381	0.8677	-1.15247	0.1811155	0.774156	-1.29139	0.0127733	0.511156	-1.95703	0.0127733	0.511156	-1.95703	0.0127733	0.511156	-1.95703	0.0001464	0.129554	-7.72006	0.0001464	0.129554	-7.72006	0.0001464	0.129554	-7.72006	0.0001464	0.129554	-7.72006	0.0001464	0.129554	-7.72006	1
cg06003296	PTPRB;PTPRB	0.0241581	0.627025	1.34968	1.34968	0.715369	1.25141	1.25141	0.557272	1.43833	1.43833	0.980312	1.01523	1.01523	7	7	7	0.00125302	0.0558207	-17.9145	0.0186128	0.174296	-5.73737	0.189683	0.427121	-2.34126	0.638113	1.34163	1.34163	4.4868	23.6869	5.37924	1
cg26760426	PTPRB;PTPRB	0.0040334	0.0004156	0.449119	-2.45809	0.0154938	0.353172	-2.83148	0.0028883	0.187241	-5.34139	0.0002546	0.266066	-3.75853	0.0001252	0.172525	-5.79852	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	1
cg02630745	PTPRC	2.86E-05	0.004015692	0.449119	-2.45809	0.0154938	0.353172	-2.83148	0.0028883	0.187241	-5.34139	0.0002546	0.266066	-3.75853	0.0001252	0.172525	-5.79852	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	0.0001551	0.155853	6.41747	1
cg21390585	PTPRC;PTPRC;PTPRC	0.00259016	0.0004115	0.375191	-2.66528	0.0001758	0.386328	2.81818	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	0.0001758	1
cg15262828	PTPRC;PTPRC;PTPRC	0.000584895	0.000612988	0.268232	-3.72811	6.61E-05	0.161264	-6.20103	0.0173436	0.485474	-2.05584	0.10012	0.638084	-1.56719	0.005891	0.407141	-2.45615	0.0249261	0.513997	-1.94554	0.00040536	0.246147	-4.06261	0.000930812	0.291555	-3.42989	0.00369889	0.375972	-2.65977	13.6808	13.4754	0.8755343	1
cg26399994	PTPRC;PTPRC;PTPRC	0.000772548	0.056373	0.760604	-1.31482	0.0158061	0.376518	-2.65637	0.0018864	0.156403	-6.39397	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	1
cg15617537	PTPRC;PTPRC;PTPRC	0.00326696	0.035747	0.522012	-1.91567	0.266757	0.73505	-1.36045	0.0019738	0.312494	-3.20006	0.327473	0.764207	-1.30855	0.0014429	0.293782	0.40388	0.0105882	0.425169	-2.35201	0.00493919	0.234299	-4.26804	0.320562	1.31395	1.31395	0.112951	0.631934	-1.58244	8.3438	9.35251	0.99635	1
cg25095381	PTPRC;PTPRC;PTPRC	0.0040308	0.442636	0.921537	-1.08507	0.0314344	1.119111	1.19113	0.000283506	1.83632	1.83632	0.952193	1.05047	1.050472	0.0064227	0.382684	1.22178	0.0199357	1.17474	1.17474	0.2009235	1.14803	1.14803	0.0247048	0.756073	-1.32158	0.0823212	1.00231	1.00231	3.83435	1.34989	0.351559	1
cg25132230	PTPRC;PTPRC;PTPRC	0.0728172	0.295723	1.31457	1.31457	0.879328	1.05169	1.05169	0.0107104	0.428232	-2.33518	0.13059	0.606494	1.6653	1.6653	0.000258258	0.152827	-6.54335	0.400019	1.76447	-1.3081	0.165509	0.869509	-1.15007	0.128064	1.67025	1.67025	0.0398751	1.476116	2.10083	6.53974	10.3072	1.13738	1
cg22073152	PTPRC;PTPRC;PTPRC	0.0073976	0.105513	1.87297	1.87297	0.578791	0.815564	-1.22018	0.391182	0.732158	-1.36583	0.0758815	0.496079	-2.01581	0.0069843	0.290074	-4.34779	0.477219	1.29234	1.29234	0.00751071	0.16298	-6.13573	0.0622771	2.10582	2.10582	0.113524	0.542774	-1.84239	6.52628	13.0152	1.77269	1
cg13673094	PTPRC;PTPRC;PTPRC	0.0127741	0.823307	0.90496	-1.10507	0.2687607	0.7135	-1.40127	0.0134259	0.477253	-2.09517	0.0149737	0.661329	-1.51208	0.0129771	0.669755	-1.49338	0.0155224	0.66508	-1.50371	0.0095562	0.475464	0.5005882	0.0107664	0.640257	1.17604	0.162454	1.2727	1.70237	0.1005	0.1828	0.054264	0.47857	1
cg26144459	PTPRC;PTPRC;PTPRC	0.0131122	0.374185	0.755625	-1.35939	0.00450438	0.279598	-3.57656	0.0139299	0.359711	-2.78001	0.284362	0.687746	-1.45403	0.0026554	0.246792	-4.05199	0.393154	0.744954	-1.34236	0.525381	0.805241	-1.24186	0.193773	0.629513	-1.58853	0.00248736	0.242923	-4.11653	5.41493	9.73638	1.595	1
cg26530420	PTPRC;PTPRC;PTPRC	0.0047783	0.498089	0.838636	-1.19241	0.00407052	0.386186	-2.58943	0.1536881	0.684683	-1.46064	0.0555388	0.540855	-1.84901	0.0092626	0.321821	-3.10685	0.210931	0.731734	-1.36708	0.0119754	0.835388	-1.19708	0.0942334	-1.06007	0.516761	0.845193	-1.18316	4.33575	4.53145	0.9215571	1
cg26854884	PTPRC;PTPRC;PTPRC	0.00385532	0.328564	0.948181	-1.05405	0.1476937	0.921309	-1.08541	0.00125172	0.778827	-1.28236	0.132051	0.914978	-1.09292	0.00153167	0.27204	-3.67504	0.380464	0.953639	-1.04881	0.6131264	1.1166	1.1166	0.0934236	1.13414	1.13414	0.0316424	0.536628	0.967443	1.07048	0.350125	0.0391963	1
cg23456595	PTPRCAP	0.00737019	0.559962	0.930965	-1.07415	0.0284828	0.730705	-1.36854	0.0174494	0.703846	-1.42077	0.118423	0.814057	-1.22842	0.00032827	0.494509	-2.02221	0.0820464	0.791499	-1.26343	0.265451	1.15124	1.15124	0.213574	1.17228	1.17228	0.882994	1.01803	1.01803	6.50949	1.51846	0.20735	1
cg20792833	PTPRCAP	0.00739438	0.028157	0.749644	-1.33415	0.0158061	0.376518	-2.65637	0.0018864	0.156403	-6.39397	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	0.0001857	0.310837	-3.21699	1
cg02423817	PTPRCAP	0.0149814	0.0263062	0.420128	-2.38023	0.252147	0.48245	-2.07245	0.0295315	0.838258	-1.19295	0.0295182	0.43021	-2.32444	0.0080775	0.189488	-5.27737	0.171779	0.619549	-1.61408	0.575924	0.830286	-1.2044	0.659317	1.15721	1.15721	0.158191	0.608646	-1.64299	4.83044	8.28643	1.52486	1
cg10542975	PTPRCAP;PTPRCAP	0.0188494	0.253064	1.1313	-1.12404	0.2224	0.970582	-1.03052	0.1464059	0.665233	-1.50311	0.0754153	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17335440	PTPRJ	0.000143037	0.0237777	0.680533	-1.46944	0.213917	1.20521	1.20521	0.0903224	1.30502	1.30502	0.651426	0.937189	-1.06702	3.46E-06	0.21062	-4.74789
cg23547656	PTPRJ	0.00650006	0.717834	0.953479	-1.04879	0.00184262	0.559569	-1.78709	0.544499	0.922635	-1.08385	0.0323296	0.719645	-1.38957	0.00152105	0.549178	-1.8209
cg05982345	PTPRJ	0.0375462	0.174931	0.511029	-1.95684	0.675872	1.21611	1.21611	0.40711	0.673954	-1.48378	0.235097	0.560427	-1.78435	0.0147328	0.247403	-4.04199
cg20667822	PTPRJ;PTPRJ	0.000179741	0.447332	1.18641	1.18641	3.92E-06	0.0934049	-10.7061	0.000347567	0.280906	-3.55991	0.729931	1.07949	1.07949	0.552998	1.14164	1.14164
cg16027310	PTPRJ;PTPRJ	0.00317754	0.0653178	0.609962	-1.63945	0.00269119	0.371221	-2.69381	0.165251	0.702114	-1.42427	0.694428	0.909975	-1.09893	0.000386154	0.258466	-3.86898
cg26468891	PTPRJ;PTPRJ	0.00732143	0.103028	0.737202	-1.35648	0.9691	1.00664	1.00664	0.0210635	1.60694	1.60694	0.253818	0.815692	-1.22595	0.101287	0.735846	-1.35898
cg23646614	PTPRJ;PTPRJ	0.00819262	0.0273316	0.644168	-1.55239	0.0150468	1.65422	1.65422	0.161461	1.28643	1.28643	0.602103	0.915207	-1.09265	0.0149904	0.604268	-1.65489
cg10951214	PTPRJ;PTPRJ	0.00907079	0.214303	1.39819	1.39819	0.00235392	2.9682	2.9682	0.0479293	1.78557	1.78557	0.0830616	1.63554	1.63554	0.0403951	1.83486	1.83486
cg02616975	PTPRJ;PTPRJ	0.0114913	0.0022884	1.87251	1.87251	0.682903	0.941369	-1.06228	0.00430984	0.570388	-1.75319	0.165967	1.24274	1.24274	0.019183	1.51719	1.51719
cg14997711	PTPRJ;PTPRJ	0.0220363	0.601577	0.864269	-1.15705	0.00213362	0.302761	-3.30293	0.091315	0.597559	-1.67347	0.0170334	0.446853	-2.23787	0.00887589	0.397666	-2.51467
cg06780358	PTPRJ;PTPRJ	0.0276259	0.118062	0.740056	-1.35125	0.113287	1.35756	1.35756	0.186329	1.28212	1.28212	0.00732957	0.541622	-1.84631	0.0263977	0.626879	-1.5952
cg22179510	PTPRK;PTPRK	8.85E-05	0.587761	0.912847	-1.09547	0.27426	0.827345	-1.20869	0.322325	0.843386	-1.1857	0.239965	0.814656	-1.22751	0.338391	0.848389	-1.1787
cg23365490	PTPRK;PTPRK	0.00162371	0.19253	1.15534	1.15534	0.0245512	1.32364	1.32364	0.118474	0.837414	-1.19415	0.587255	1.05906	1.05906	0.67744	0.957152	-1.04477
cg25035320	PTPRK;PTPRK	0.00169002	0.483455	0.802953	-1.2454	0.126175	0.600563	-1.66511	0.720543	0.895213	-1.11705	0.781773	1.08934	1.08934	2.48E-05	0.0754958	-13.2458
cg14088584	PTPRK;PTPRK	0.00267582	0.008683	0.116374	-8.59299	0.00046928	0.0291479	-34.3078	0.0110796	0.128932	-7.756	0.364662	0.549344	-1.82035	0.012119	0.13384	-7.47162
cg22466350	PTPRK;PTPRK	0.00489209	0.806346	0.88915	-1.12467	0.033502	3.2812	3.2812	0.388618	1.52602	1.52602	?	?	?	0.441008	1.45624	1.45624
cg20639396	PTPRK;PTPRK	0.0142126	0.042172	0.458804	-2.17958	0.0760035	1.92942	1.92942	0.377905	1.35139	1.35139	0.559497	1.21705	1.21705	0.0135124	0.361469	-2.76649
cg24389102	PTPRK;PTPRK	0.0200909	0.0300501	0.136992	-7.29968	0.00301627	0.0421066	-23.7492	0.0668208	0.201751	-4.95661	0.470606	0.564528	-1.77139	0.0290098	0.134664	-7.42589
cg02214443	PTPRK;PTPRK	0.0201287	0.123473	0.869589	-1.14997	0.231115	1.11093	1.11093	0.444822	1.06741	1.06741	0.619537	0.958949	-1.04281	0.00998021	1.31321	1.31321
cg10029171	PTPRK;PTPRK	0.0231645	0.511296	1.14961	1.14961	0.00118949	0.36991	-2.70336	0.191117	0.748506	-1.33599	0.867174	0.965575	-1.03565	0.38698	0.83062	-1.20392
cg02289590	PTPRK;PTPRK	0.0282607	0.00759993	1.95949	1.95949	0.0215351	0.582183	-1.71767	0.166406	0.748903	-1.33529	0.637659	1.09742	1.09742	0.88944	1.02763	1.02763
cg25578225	PTPRK;PTPRK	0.0323702	0.439252	1.2886	1.2886	0.579683	1.197	1.197	0.849624	1.06291	1.06291	0.677813	0.87434	-1.14372	0.207124	1.53359	1.53359
cg07130494	PTPRK;PTPRK	0.0408706	0.601523	1.18954	1.18954	0.655883	1.15922	1.15922	0.557639	1.21573	1.21573	0.278691	1.44925	1.44925	0.756331	0.902544	-1.10798
cg25012434	PTPRK;PTPRK	0.0419234	0.350086	0.789539	-1.26656	0.170243	1.43168	1.43168	0.00860491	2.27782	2.27782	0.206659	0.720923	-1.38711	0.110897	0.652642	-1.53223
cg25924139	PTPRM;PTPRM	0.00132662	0.00292871	0.188975	-5.29172	0.0234413	0.331652	-3.01521	0.0804167	0.45359	-2.20464	0.218112	0.589709	-1.69575	0.000172818	0.0742573	-13.4667
cg12412030	PTPRM;PTPRM	0.00634925	0.0589086	0.589079	-1.69756	0.186802	0.706708	-1.41501	0.00199191	0.338607	-2.95327	0.0694307	0.604215	-1.65504	0.0015134	0.321906	-3.10649
cg24973298	PTPRM;PTPRM	0.0194907	0.770287	1.05448	1.05448	0.00420583	0.499284	-2.00287	0.168893	0.766749	-1.30421	0.925646	1.01706	1.01706	0.522809	1.12451	1.12451
cg12359511	PTPRM;PTPRM	0.0208235	0.251867	0.487198	-2.05255	0.0385351	0.236963	-4.22007	0.027672	0.209326	-4.77724	0.780154	0.845276	-1.18305	0.0127615	0.155883	-6.41505
cg23316787	PTPRM;PTPRM	0.0287256	0.499529	1.07026	1.07026	0.0144049	1.34824	1.34824	0.102397	1.19372	1.19372	0.551815	0.942105	-1.06145	0.374468	1.09451	1.09451
cg01946574	PTPRM;PTPRM	0.0296417	0.351549	1.09799	1.09799	0.0686579	1.21984	1.21984	0.0130908	1.34998	1.34998	0.0227468	0.76657	-1.30451	0.0258986	1.29419	1.29419
cg00325381	PTPRM;PTPRM	0.0497139	0.0295793	0.385677	-2.59284	0.167104	1.72944	1.72944	0.210075	0.611848	-1.63439	0.119549	0.53353	-1.87431	0.00805328	0.282941	-3.5343
cg19029422	PTPRM;PTPRM;PTPRM;PTPRM	0.0306783	0.043388	0.759007	-1.31751	0.591855	1.06635	1.06635	0.581208	1.06837	1.06837	0.0241814	0.726858	-1.37579	0.239822	0.86408	-1.1573
cg18887961	PTPRN	0.000221463	0.00681694	0.559556	-1.78713	0.0138815	1.65454	1.65454	0.0325505	0.660728	-1.51348	0.0352776	0.666235	-1.50097	3.08E-05	0.259855	-3.8483
cg20671534	PTPRN	0.00049525	0.000141775	0.151543	-6.59879	0.00161142	0.272545	-3.66912	0.00494111	0.342963	-2.91576	0.00346251	0.319536	-3.12953	0.0231638	0.458226	-2.18233
cg25569248	PTPRN	0.00510185	0.000908833	0.307136	-3.25589	0.729931	0.920867	-1.08593	0.492742	1.1803	1.1803	0.899187	1.03062	1.03062	0.00135251	0.330415	-3.0265
cg03970036	PTPRN	0.0121013	0.145896	1.41289	1.41289	0.527321	0.867804	-1.15233	0.200566	1.34893	1.34893	0.00321754	2.43535	2.43535	0.254671	0.768504	-1.30123
cg07623221	PTPRN	0.0226747	0.104337	0.621406	-1.60925	0.878824	1.04173	1.04173	0.405268	0.795988	-1.2563	0.759623	1.08571	1.08571	0.10878	0.625818	-1.59791
cg12732365	PTPRN	0.0232898	0.0180888	0.141385	-7.0729	0.468325	0.604841	-1.65333	0.155534	0.355041	-2.81658	0.285145	2.13075	2.13075	0.0113729	0.115442	-8.66237
cg10310310	PTPRN2;PTPRN2;MIR153-2;PTPRN2	0.00797786	0.00590316	2.65296	2.65296	0.396403	1.26522	1.26522	0.00548333	2.68907	2.68907	0.005369	2.69951	2.69951	0.671269	0.890798	-1.12259
cg03361379	PTPRN2;PTPRN2;MIR153-2;PTPRN2	0.0267662	0.231075	1.58649	1.58649	0.00277482	4.55236	4.55236	0.181208	1.68455	1.68455	0.0133562	3.08302	3.08302	0.490292	0.773029	-1.29361
cg16477744	PTPRN2;PTPRN2;MIR153-2;PTPRN2	0.0281511	0.0887404	2.33311	2.33311	0.204825	1.82886	1.82886	0.00612281	5.02385	5.02385	0.0168223	3.72953	3.72953	0.463428	1.4004	1.4004
cg21380084	PTPRN2;PTPRN2;PTPRN2	4.65E-07	1.04E-05	0.602861	-1.65876	2.17E-05	1.58131	1.58131	0.000344243	1.36235	1.36235	0.444201	0.958999	-1.04275	2.70E-06	0.545824	-1.83209
cg18284875	PTPRN2;PTPRN2;PTPRN2	1.06E-06	0.085893	0.817471	-1.22329	1.14E-05	0.372063	-2.68772	0.114698	0.833467	-1.19981	1.79E-07	0.181979	-5.49513	7.09E-07	0.24006	-4.16563
cg12866112	PTPRN2;PTPRN2;PTPRN2	2.94E-06	0.199267	0.797857	-1.25336	0.404835	0.867696	-1.15248	0.111889	0.749571	-1.3341	0.0815784	1.37905	1.37905	3.27E-08	0.0361891	-27.6326
cg06339573	PTPRN2;PTPRN2;PTPRN2	7.15E-06	0.379569	0.849669	-1.17693	0.0667774	1.44981	1.44981	0.109069	1.37137	1.37137	0.264789	1.23374	1.23374	6.44E-08	0.0366977	-27.2497
cg22519571	PTPRN2;PTPRN2;PTPRN2	7.56E-06	0.659968	0.960746	-1.04086	0.196314	1.13154	1.13154	0.0576707	1.21427	1.21427	7.36E-06	0.409177	-2.44393	1.37E-06	0.327775	-3.05088
cg24996491	PTPRN2;PTPRN2;PTPRN2	1.00E-05	0.000341801	0.418587	-2.38899	7.48E-05	0.337617	-2.96194	0.00144728	0.499065	-2.00375	0.96113	1.00739	1.00739	0.000214696	0.393348	-2.54228
cg13917560	PTPRN2;PTPRN2;PTPRN2	1.11E-05	0.330489	1.21664	1.21664	0.204012	1.29924	1.29924	0.196216	0.76577	-1.30588	0.101118	0.70427	-1.41991	1.18E-07	0.0366886	-27.2564
cg01239704	PTPRN2;PTPRN2;PTPRN2	1.58E-05	0.000604071	0.342045	-2.9236	0.00635408	0.486453	-2.0557	0.286778	0.799008	-1.25155	0.0708956	0.664083	-1.50584	3.75E-07	0.0518181	-19.2983
cg07941978	PTPRN2;PTPRN2;PTPRN2	2.26E-05	0.000782027	0.657023	-1.52202	0.760591	0.975048	-1.02559	0.144991	0.878606	-1.13817	0.0418277	0.823687	-1.21405	0.164703	1.13039	1.13039
cg16609021	PTPRN2;PTPRN2;PTPRN2	3.10E-05	0.000209501	0.31837	-3.141	7.67E-05	3.75303	3.75303	0.351023	0.837655	-1.19381	0.00363512	0.483745	-2.0672	8.35E-05	0.270694	-3.6942
cg10731951	PTPRN2;PTPRN2;PTPRN2	3.54E-05	0.00776196	0.457286	-2.18682	0.295875	1.28155	1.28155	0.00152661	0.351963	-2.8412	0.136583	0.692777	-1.44347	3.87E-05	0.164549	-6.0772
cg06338523	PTPRN2;PTPRN2;PTPRN2	5.36E-05	0.000455079	0.665064	-1.50361	0.0245905	0.820616	-1.2186	0.0449808	0.843751	-1.18518	0.00237984	0.731404	-1.36723	0.00387774	1.33274	1.33274
cg23859303	PTPRN2;PTPRN2;PTPRN2	5.81E-05	0.000840117	0.40291	-2.48194	9.28E-06	0.176708	-5.65906	0.645496	1.08744	1.08744	0.0579211	1.47396	1.47396	0.00471902	0.506922	-1.97269
cg19589728	PTPRN2;PTPRN2;PTPRN2	6.28E-05	0.086273	0.67348	-1.48483	0.575988	0.888831	-1.12507	0.00537081	0.465511	-2.14818	1.96E-05	0.164295	-6.08662	2.00E-05	0.165105	-6.05675
cg15298059	PTPRN2;PTPRN2;PTPRN2	7.28E-05	0.000109295	0.204453	-4.89111	0.000869365	3.20243	3.20243	0.0600059	1.63934	1.63934	0.0767764	0.632216	-1.58174	0.000305564	0.255045	-3.92088
cg18889973	PTPRN2;PTPRN2;PTPRN2	7.60E-05	0.0918164	1.66256	1.66256	0.0112275	0.41892	-2.38709	0.953893	1.01596	1.01596	0.251492	0.720272	-1.38836	3.07E-05	0.10755	-9.29804
cg12937684	PTPRN2;PTPRN2;PTPRN2	8.91E-05	0.000395078	0.341707	-2.92648	0.00124417	0.407505	-2.45396	0.00023381	0.313115	-3.19371	0.00412149	0.480888	-2.07949	0.0070264	0.515219	-1.94092
cg09279037	PTPRN2;PTPRN2;PTPRN2	0.000116007	0.454333	1.09283	1.09283	0.771184	1.03455	1.03455	0.00158839	0.589786	-1.69553	0.0751075	1.25968	1.25968	0.00831045	0.675053	-1.48136
cg25782293	PTPRN2;PTPRN2;PTPRN2	0.000118841	0.00378202	0.791053	-1.26414	0.235445	0.92812	-1.07745	0.000375096	0.710926	-1.40662	4.27E-05	0.627117	-1.5946	0.147912	1.0976	1.0976
cg05166028	PTPRN2;PTPRN2;PTPRN2	0.000123963	0.245932	0.889577	-1.12413	0.000810263	0.614395	-1.62762	0.120953	1.17604	1.17604	0.000187791	0.544645	-1.83606	0.00247832	0.666572	-1.50021
cg04290826	PTPRN2;PTPRN2;PTPRN2	0.000128495	0.0641845	0.71208	-1.40434	0.827768	1.03621	1.03621	0.830873	1.03554	1.03554	0.718942	1.06078	1.06078	0.00405435	0.532592	-1.87761
cg17646855	PTPRN2;PTPRN2;PTPRN2	0.000162478	0.104794	1.1603	1.1603	0.262147	0.906595	-1.10303	0.410424	0.931838	-1.07315	0.0295211	0.806593	-1.23978	0.938429	0.993542	-1.0065
cg09127540	PTPRN2;PTPRN2;PTPRN2	0.000169803	0.0103598	0.838994	-1.1919	0.0115991	1.18716	1.18716	0.000327087	1.37111	1.37111	0.0121415	0.843705	-1.18525	7.02E-05	0.674019	-1.48364
cg01679225	PTPRN2;PTPRN2;PTPRN2	0.000221521	0.332625	0.894648	-1.11776	0.00126724	0.592197	-1.68863	0.0196573	1.36878	1.36878	0.0569983	0.786711	-1.27111	0.859276	0.980427	-1.01996
cg07879612	PTPRN2;PTPRN2;PTPRN2	0.000231215	0.680569	0.937405	-1.06678	0.491245	0.896577	-1.11535	0.404621	0.87533	-1.14243	4.38E-06	0.191478	-5.22253	0.105461	0.758669	-1.3181
cg18064706	PTPRN2;PTPRN2;PTPRN2	0.000239822	0.234206	1.26269	1.26269	0.000816073	0.389141	-2.56976	7.84E-06	0.160048	-6.24811	0.650708	0.918279	-1.08899	0.807698	0.955415	-1.04667
cg24824371	PTPRN2;PTPRN2;PTPRN2	0.000253352	0.0683744	0.777549	-1.28609	0.00448844	1.59545	1.59545	0.0256941	1.38642	1.38642	0.59172	1.06904	1.06904	0.00270968	0.60002	-1.66661
cg06138156	PTPRN2;PTPRN2;PTPRN2	0.000272072	0.000152048	2.10197	2.10197	0.000987441	1.75022	1.75022	0.0593014	1.27559	1.27559	0.000106349	2.18595	2.18595	0.343553	1.11801	1.11801
cg12015948	PTPRN2;PTPRN2;PTPRN2	0.000277106	0.624502	0.940619	-1.06313	0.001866	0.578307	-1.72918	0.207548	0.847966	-1.17929	0.751725	0.961381	-1.04017	1.05E-05	0.310925	-3.21621
cg15948785	PTPRN2;PTPRN2;PTPRN2	0.000279132	0.00329866	0.330854	-3.02248	0.0913882	0.598282	-1.67145	0.0745712	0.577595	-1.73132	0.346127	1.30747	1.30747	9.70E-05	0.147306	-6.7886
cg09027472	PTPRN2;PTPRN2;PTPRN2	0.000288281	0.633773	1.07102	1.07102	0.61797	0.930644	-1.07452	0.0600934	0.738459	-1.35417	0.0538491	0.731298	-1.36743	4.30E-05	0.329333	-3.03644
cg03653377	PTPRN2;PTPRN2;PTPRN2	0.000289057	0.457083	0.902323	-1.10825	0.136317	0.804261	-1.24338	0.141057	0.806669	-1.23967	0.704817	1.05301	1.05301	0.00663185	0.619884	-1.61321
cg21839449	PTPRN2;PTPRN2;PTPRN2	0.000303202	0.16844	0.858853	-1.16434	0.059548	0.80214	-1.24667	0.178234	0.862171	-1.15986	0.000673676	0.583265	-1.71449	0.000207505	0.525259	-1.90382
cg19082304	PTPRN2;PTPRN2;PTPRN2	0.000318409	6.90E-06	0.213714	-4.67916	0.0626765	0.722957	-1.38321	0.000962871	0.467052	-2.14109	0.235944	0.82502	-1.21209	0.0610238	0.721098	-1.38677
cg01536803	PTPRN2;PTPRN2;PTPRN2	0.00032075	0.0699428	0.63636	-1.57144	0.323295	0.796479	-1.25553	0.00187988	0.374115	-2.67298	0.718377	1.08413	1.08413	3.34E-05	0.166168	-6.018
cg01718785	PTPRN2;PTPRN2;PTPRN2	0.000336959	0.84177	0.965326	-1.03592	0.0353522	0.648788	-1.54133	0.352498	0.844575	-1.18403	0.683453	0.930175	-1.07507	0.0345339	1.54531	1.54531
cg27104173	PTPRN2;PTPRN2;PTPRN2	0.000451056	0.171242	0.632746	-1.58041	0.0250042	2.31137	2.31137	0.951642	0.981126	-1.01924	0.196455	0.651093	-1.53588	0.000274683	0.153807	-6.50165
cg05581460	PTPRN2;PTPRN2;PTPRN2	0.000455988	0.9359	0.988194	-1.01195	0.735924	1.05125	1.05125	0.00627177	0.591093	-1.69178	0.0242021	0.672498	-1.48699	3.62E-05	0.308779	-3.23856
cg05209192	PTPRN2;PTPRN2;PTPRN2	0.000456219	0.205127	1.17689	1.17689	0.000866568	0.5439	-1.83857	0.0888679	0.795621	-1.25688	0.137443	0.822916	-1.21519	0.241289	1.16118	1.16118
cg26706676	PTPRN2;PTPRN2;PTPRN2	0.000459524	0.000766887	0.280123	-3.56986	0.00104511	0.297709	-3.35899	0.000351358	0.238277	-4.19679	0.00392261	0.379322	-2.63628	0.00177645	0.329165	-3.03799
cg22531685	PTPRN2;PTPRN2;PTPRN2	0.00046022	0.000629127	0.657223	-1.52155	0.0551653	0.840607	-1.18962	0.00179007	0.701224	-1.42608	0.0142298	0.785438	-1.27317	0.19839	1.11467	1.11467
cg00250414	PTPRN2;PTPRN2;PTPRN2	0.000543819	0.345679	0.83255	-1.20113	2.57E-05	0.207164	-4.82709	0.00128074	0.412287	-2.42549	0.590973	1.1078	1.1078	0.582962	0.900653	-1.11031
cg09377301	PTPRN2;PTPRN2;PTPRN2	0.00056371	0.000360099	0.293554	-3.40653	0.191502	1.34472	1.34472	0.0176641	0.538933	-1.85552	0.177118	1.35971	1.35971	6.02E-05	0.204302	-4.89471
cg26861487	PTPRN2;PTPRN2;PTPRN2	0.000569196	0.000195363	0.310004	-3.22577	0.490156	0.877192	-1.14	0.113751	0.724944	-1.37942	0.192364	1.29425	1.29425	0.000556217	0.367416	-2.72171
cg07032987	PTPRN2;PTPRN2;PTPRN2	0.000607195	0.0115221	0.788505	-1.26822	0.0030587	1.35664	1.35664	0.00135153	0.704687	-1.41907	0.00447384	0.751975	-1.32983	0.0127989	0.792541	-1.26176
cg05347872	PTPRN2;PTPRN2;PTPRN2	0.000631989	0.000153965	0.568511	-1.75898	0.0478885	1.21766	1.21766	0.149493	0.874103	-1.14403	0.125813	1.15515	1.15515	0.00458135	0.719905	-1.38907
cg16711733	PTPRN2;PTPRN2;PTPRN2	0.00066049	0.621912	1.04524	1.04524	0.00493452	0.7179	-1.39295	0.283452	1.10427	1.10427	0.650484	0.960215	-1.04143	0.0163752	0.770155	-1.29844
cg12967902	PTPRN2;PTPRN2;PTPRN2	0.000682399	0.559149	0.893959	-1.11862	8.47E-05	3.82216	3.82216	0.00205874	2.27922	2.27922	0.296794	0.814416	-1.22787	0.0303433	0.616865	-1.6211
cg17322774	PTPRN2;PTPRN2;PTPRN2	0.000732964	0.387103	0.786799	-1.27097	0.161491	0.667372	-1.49841	0.00548343	0.372426	-2.6851	0.388613	0.787428	-1.26996	0.000612492	0.239941	-4.16768
cg01235172	PTPRN2;PTPRN2;PTPRN2	0.000780937	0.000302297	0.215758	-4.63481	0.207935	0.707065	-1.4143	0.0112836	0.436695	-2.28993	0.0100237	0.427999	-2.33646	0.0145522	0.455793	-2.19398
cg00501869	PTPRN2;PTPRN2;PTPRN2	0.000799681	0.361343	1.44485	1.44485	5.64E-05	18.8138	18.8138	0.643662	0.833022	-1.20045	0.00135517	6.201	6.201	0.0902225	0.480812	-2.07982
cg09230014	PTPRN2;PTPRN2;PTPRN2	0.000807468	0.172338	0.879196	-1.1374	0.0339481	1.24537	1.24537	0.420848	0.929705	-1.07561	0.0100073	0.749605	-1.33404	0.287665	1.10279	1.10279
cg02770061	PTPRN2;PTPRN2;PTPRN2	0.00086255	0.0421892	0.509342	-1.96332	0.244036	0.703764	-1.42093	0.115191	0.610374	-1.63834	0.340768	0.753542	-1.32707	9.61E-06	0.064089	-15.6033
cg14354631	PTPRN2;PTPRN2;PTPRN2	0.000899513	0.122845	0.474891	-2.10575	0.0041069	0.17998	-5.55618	0.108458	0.45842	-2.18141	0.132458	0.485207	-2.06098	0.00297967	0.162823	-6.14163
cg00872170	PTPRN2;PTPRN2;PTPRN2	0.000916149	0.0173179	0.502661	-1.98941	0.301587	0.775709	-1.28914	0.00357163	0.39194	-2.55141	0.0235344	0.526317	-1.9	0.0097732	0.460567	-2.17123
cg10613546	PTPRN2;PTPRN2;PTPRN2	0.000937113	0.864193	0.985283	-1.01494	0.0143719	1.29868	1.29868	0.0279797	0.798625	-1.25215	0.866001	0.98548	-1.01473	0.000331115	0.605389	-1.65183
cg14994242	PTPRN2;PTPRN2;PTPRN2	0.00095659	0.00113762	0.196482	-5.08951	0.0017529	0.219565	-4.55446	0.00869817	0.320871	-3.11652	0.007412	0.309528	-3.23072	0.00243762	0.238322	-4.196
cg24500428	PTPRN2;PTPRN2;PTPRN2	0.000990884	0.0342632	1.37301	1.37301	0.00153441	0.55705	-1.79517	0.00984388	0.657891	-1.52001	0.00952908	1.52416	1.52416	0.0128429	1.48671	1.48671
cg02637474	PTPRN2;PTPRN2;PTPRN2	0.00100017	0.607898	0.885957	-1.12872	0.0864931	0.642062	-1.55748	0.00204009	0.36157	-2.76571	0.0950664	1.53599	1.53599	9.25E-05	0.195406	-5.11755
cg14628604	PTPRN2;PTPRN2;PTPRN2	0.00100432	0.000340344	0.397111	-2.51819	0.0500349	0.69935	-1.4299	0.000389544	0.404554	-2.47186	0.00733752	0.575171	-1.73861	0.0137456	0.614175	-1.6282
cg16937735	PTPRN2;PTPRN2;PTPRN2	0.00100948	0.00239224	0.474467	-2.10763	0.8563	0.96857	-1.03245	0.000318933	0.358206	-2.79169	0.00152336	0.447491	-2.23468	0.0014207	0.443369	-2.25546
cg20956114	PTPRN2;PTPRN2;PTPRN2	0.00102221	0.0017319	0.358589	-2.78871	0.0117994	0.485913	-2.05798	0.00156739	0.352517	-2.83674	0.00299669	0.392865	-2.5454	0.0224617	0.533914	-1.87296
cg02865101	PTPRN2;PTPRN2;PTPRN2	0.00105513	0.000874675	0.248355	-4.02649	0.246699	0.713163	-1.4022	0.0092348	0.397678	-2.5146	0.0480495	0.532258	-1.87879	0.00229316	0.304356	-3.28562
cg06313349	PTPRN2;PTPRN2;PTPRN2	0.00112488	0.00214905	0.357044	-2.80078	0.000489445	0.271072	-3.68906	0.127565	0.674526	-1.48252	0.643068	0.894472	-1.11798	0.000165073	0.215574	-4.63878
cg05439204	PTPRN2;PTPRN2;PTPRN2	0.00115161	0.00824033	0.713659	-1.40123	4.79E-05	0.465741	-2.14712	0.3062	1.11155	1.11155	0.437445	1.08229	1.08229	0.820927	1.02289	1.02289
cg12875205	PTPRN2;PTPRN2;PTPRN2	0.00118538	0.0598053	0.773093	-1.29351	0.262891	1.15193	1.15193	0.708761	0.955552	-1.04652	2.64E-05	2.73809	2.73809	0.00793408	1.51062	1.51062
cg25903223	PTPRN2;PTPRN2;PTPRN2	0.00119054	0.678236	0.891625	-1.12155	0.449407	1.23607	1.23607	0.00132522	0.276958	-3.61065	0.436305	0.803839	-1.24403	0.00145213	0.282279	-3.54259
cg16992960	PTPRN2;PTPRN2;PTPRN2	0.00121079	0.237701	0.785634	-1.27286	0.0966373	1.42727	1.42727	0.324527	1.21951	1.21951	0.733509	0.935515	-1.06893	9.04E-05	0.255227	-3.91809
cg15000722	PTPRN2;PTPRN2;PTPRN2	0.00121832	0.181391	0.716077	-1.3965	0.504387	0.852601	-1.17288	0.760916	1.07448	1.07448	0.865009	1.04086	1.04086	0.00181553	0.352185	-2.83941
cg02161503	PTPRN2;PTPRN2;PTPRN2	0.00126599	0.00800742	0.434393	-2.30206	0.61242	0.882184	-1.13355	0.0197115	0.501034	-1.99587	3.11E-05	0.136095	-7.34783	0.026946	0.5258	-1.90186
cg07037223	PTPRN2;PTPRN2;PTPRN2	0.00127775	0.000190373	0.226396	-4.41704	0.169274	1.41324	1.41324	0.71442	0.916854	-1.09069	0.878929	0.964636	-1.03666	0.00521917	0.418747	-2.38807
cg00231927	PTPRN2;PTPRN2;PTPRN2	0.0013158	0.000635394	0.298426	-3.35091	0.00120687	0.335371	-2.98178	0.027451	0.548225	-1.82407	0.20604	1.35987	1.35987	0.000167737	0.228493	-4.37651
cg02855778	PTPRN2;PTPRN2;PTPRN2	0.00132728	0.023658	0.76034	-1.3152	0.248974	1.12999	1.12999	0.808929	0.97573	-1.02487	0.043151	1.26612	1.26612	0.1706	0.862434	-1.15951
cg21232767	PTPRN2;PTPRN2;PTPRN2	0.00139497	0.210239	0.817918	-1.22262	0.00215145	1.92699	1.92699	0.00238973	1.90476	1.90476	0.00716328	0.589446	-1.69651	0.137677	0.783986	-1.27553
cg13912824	PTPRN2;PTPRN2;PTPRN2	0.00142821	0.0569969	0.449793	-2.22325	0.0022345	0.204276	-4.89534	0.032415	0.394911	-2.53221	0.0725647	2.10268	2.10268	0.000207263	0.0998376	-10.0163
cg25858232	PTPRN2;PTPRN2;PTPRN2	0.00143996	4.19E-05	0.21029	-4.75534	0.246856	1.2739	1.2739	0.0067914	0.495951	-2.01633	0.104137	0.701029	-1.42647	0.00563831	0.483694	-2.06742
cg00533835	PTPRN2;PTPRN2;PTPRN2	0.00146262	0.00257621	0.348831	-2.86672	0.00428616	0.381797	-2.61919	0.0183836	0.486267	-2.05648	0.198804	0.710186	-1.40808	4.78E-05	0.145151	-6.88938
cg26967186	PTPRN2;PTPRN2;PTPRN2	0.00148724	0.00115022	0.519912	-1.9234	0.967957	1.00551	1.00551	0.00801838	0.628071	-1.59218	0.440123	1.11381	1.11381	0.0191262	0.678274	-1.47433
cg13117953	PTPRN2;PTPRN2;PTPRN2	0.00154917	0.0542464	0.495506	-2.01814	0.468384	1.26763	1.26763	0.828885	1.07205	1.07205	0.370315	1.3441	1.3441	0.060163	0.505858	-1.97684
cg25277638	PTPRN2;PTPRN2;PTPRN2	0.00155874	0.000463736	0.238889	-4.18605	0.00556429	0.387996	-2.57734	0.0390677	0.537476	-1.86055	0.0377771	0.534566	-1.87068	0.00789725	0.412385	-2.42492
cg00348802	PTPRN2;PTPRN2;PTPRN2	0.001718	0.00510468	0.456678	-2.18973	0.133196	0.709561	-1.40932	0.543292	0.87782	-1.13919	0.553276	0.880711	-1.13545	2.32E-05	0.16673	-5.99773
cg11072645	PTPRN2;PTPRN2;PTPRN2	0.00172215	0.0475969	0.486157	-2.05695	0.00911103	2.87102	2.87102	0.285234	0.702343	-1.42381	0.616232	0.85141	-1.17452	0.0001229	0.118489	-8.43963
cg07920930	PTPRN2;PTPRN2;PTPRN2	0.00174258	0.986448	0.995408	-1.00461	0.02177	2.10917	2.10917	0.393364	1.26737	1.26737	0.15796	0.664243	-1.50547	0.851352	0.950432	-1.05215
cg16558692	PTPRN2;PTPRN2;PTPRN2	0.00186124	0.323016	0.762165	-1.31205	0.959663	0.986634	-1.01355	0.225901	0.712954	-1.40262	0.327499	0.764201	-1.30856	0.00843468	0.408614	-2.4473
cg10243459	PTPRN2;PTPRN2;PTPRN2	0.00187317	0.307675	0.794595	-1.2585	0.702234	0.919764	-1.08724	0.226769	1.31828	1.31828	0.0663588	0.638676	-1.56574	2.36E-05	0.159203	-6.28129
cg20358492	PTPRN2;PTPRN2;PTPRN2	0.00188278	0.0489182	0.518939	-1.92701	0.85266	1.05573	1.05573	0.802316	0.929436	-1.07592	0.453902	0.800475	-1.24926	0.000582439	0.211933	-4.71847
cg11008701	PTPRN2;PTPRN2;PTPRN2	0.00192961	0.362056	0.837778	-1.19363	0.324824	1.21179	1.21179	0.0121866	1.8043	1.8043	0.995811	0.999009	-1.00099	0.342143	0.831172	-1.20312
cg23375968	PTPRN2;PTPRN2;PTPRN2	0.00202501	0.855263	1.07047	1.07047	0.0487811	2.31472	2.31472	0.177562	0.586016	-1.70644	0.0734748	0.475073	-2.10494	0.000686924	0.144648	-6.91332
cg00368924	PTPRN2;PTPRN2;PTPRN2	0.0020544	0.0108512	0.674767	-1.48199	0.0288457	1.37292	1.37292	0.000490223	1.95731	1.95731	0.00641355	0.646565	-1.54664	0.0167814	0.698433	-1.43178
cg08463820	PTPRN2;PTPRN2;PTPRN2	0.00205591	0.403617	1.19555	1.19555	0.00359426	2.27952	2.27952	0.000288682	0.290516	-3.44215	0.132154	0.712056	-1.40438	0.00381734	0.442559	-2.25959
cg06400119	PTPRN2;PTPRN2;PTPRN2	0.00205597	0.01186	0.203995	-4.90208	0.435098	0.668319	-1.49629	0.0756858	0.36768	-2.7197	0.148413	0.456369	-2.19121	7.05E-05	0.0254827	-39.2423
cg15223713	PTPRN2;PTPRN2;PTPRN2	0.00209075	0.966886	0.985269	-1.01495	0.000456818	0.138996	-7.19443	0.0306042	0.403288	-2.47962	0.0875192	0.509526	-1.96261	0.155272	1.72227	1.72227
cg03339717	PTPRN2;PTPRN2;PTPRN2	0.00212823	0.287784	1.23906	1.23906	0.551958	1.12398	1.12398	0.1668	1.33148	1.33148	0.0377934	1.59659	1.59659	0.000175039	0.290389	-3.44365
cg19418190	PTPRN2;PTPRN2;PTPRN2	0.00216069	0.284579	0.815117	-1.22682	0.102215	0.719705	-1.38946	0.00665779	0.523333	-1.91083	0.00126152	0.420782	-2.37652	0.000128849	0.294086	-3.40037
cg06315569	PTPRN2;PTPRN2;PTPRN2	0.00217829	0.00270836	0.255919	-3.90749	0.354871	1.36767	1.36767	0.233443	1.5083	1.5083	0.339299	1.38266	1.38266	0.142469	0.595317	-1.67978
cg25821143	PTPRN2;PTPRN2;PTPRN2	0.00220332	0.00584231	0.417705	-2.39404	0.757612	0.927853	-1.07776	0.387512	1.23894	1.23894	0.740664	1.08366	1.08366	9.89E-05	0.187874	-5.32271
cg13915179	PTPRN2;PTPRN2;PTPRN2	0.00221688	0.212813	0.754179	-1.32595	0.455631	0.849265	-1.17749	0.0197943	0.546058	-1.83131	0.00115528	0.35823	-2.7915	0.000154966	0.24825	-4.0282
cg09998033	PTPRN2;PTPRN2;PTPRN2	0.0022561	0.0599031	0.854181	-1.17071	0.00671073	1.29827	1.29827	0.0307573	1.20729	1.20729	0.000420287	1.51448	1.51448	0.00212387	1.37799	1.37799
cg08376924	PTPRN2;PTPRN2;PTPRN2	0.00231323	0.613131	1.10042	1.10042	0.00496425	2.00998	2.00998	0.289525	1.22918	1.22918	0.0672966	1.46939	1.46939	0.000433851	0.351956	-2.84126
cg21052788	PTPRN2;PTPRN2;PTPRN2	0.00233231	0.405082	0.927787	-1.07783	0.638327	0.959199	-1.04254	0.00204298	0.682181	-1.46589	0.340359	0.917175	-1.0903	0.113897	1.16338	1.16338
cg05012972	PTPRN2;PTPRN2;PTPRN2	0.00233291	0.0263935	0.558059	-1.79193	0.394652	0.824361	-1.21306	0.377075	0.818075	-1.22238	0.440503	0.84007	-1.19038	2.84E-05	0.161506	-6.19173

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17335440	0.00242468	0.54758	-1.82622	0.00883129	1.60881	1.60881	0.895591	1.0189	1.0189	0.307328	0.860078	-1.16268	20.1128	6.48069	0.286415	1
cg23547656	0.00867582	0.644577	-1.5514	0.276232	1.1603	1.1603	0.173383	1.20945	1.20945	0.586465	0.930433	-1.07477	6.76935	1.84763	0.242614	1
cg05982345	0.890654	0.938001	-1.0661	0.00170238	0.124282	-8.0462	0.878211	0.931133	-1.07396	0.0626461	0.377261	-2.65069	3.76965	12.9267	3.04812	1
cg20667822	0.333854	1.24607	1.24607	0.135656	1.4261	1.4261	0.406406	0.829062	-1.20618	0.469029	0.849939	-1.17655	18.9103	14.5895	0.685784	1
cg16027310	0.0103976	0.462556	-2.1619	0.00741805	0.438639	-2.27978	0.0751538	1.60555	1.60555	0.0322457	0.549253	-1.82066	8.41308	7.60707	0.803729	1
cg26468891	0.584578	0.909937	-1.09898	0.0137993	1.68257	1.68257	0.000830275	2.3639	2.3639	0.476448	0.883582	-1.13176	6.52302	3.01921	0.411426	1
cg23646614	0.565177	0.906706	-1.10289	0.0366428	1.5053	1.5053	0.00400422	1.91828	1.91828	0.631034	0.921726	-1.08492	6.29679	2.82942	0.399416	1
cg10951214	0.0360008	1.86886	1.86886	0.00316769	2.81103	2.81103	0.00256327	2.92183	2.92183	0.0120667	2.23104	2.23104	6.09719	6.34689	0.925291	1
cg02616975	0.724063	1.05353	1.05353	0.452369	0.893488	-1.11921	0.570989	1.08788	1.08788	0.647235	1.07013	1.07013	5.65224	1.93721	0.304652	1
cg14997711	0.890352	0.962527	-1.03893	0.453198	0.809301	-1.23563	0.90238	0.966594	-1.03456	0.0212853	0.464658	-2.15212	4.55136	5.52667	1.07937	1
cg06780358	0.245828	0.806299	-1.24023	0.101272	1.37477	1.37477	0.275639	0.817777	-1.22283	0.495016	1.13078	1.13078	4.20766	2.09674	0.442946	1
cg22179510	0.234702	1.23063	1.23063	7.52E-07	0.10845	-9.22087	0.299207	1.19633	1.19633	0.357208	1.17088	1.17088	22.8718	10.0547	0.390766	1
cg23365490	0.000206433	0.521708	-1.91678	0.00710727	0.694854	-1.43915	0.00642655	1.44933	1.44933	0.143207	1.17904	1.17904	10.2428	1.778	0.154297	1
cg25035320	0.333998	1.35942	1.35942	0.20767	1.50593	1.50593	0.183871	1.5441	1.5441	0.120632	0.595274	-1.6799	10.125	15.2274	1.33684	1
cg14088584	0.0304714	0.194877	-5.13144	0.000690478	0.0357523	-27.9703	0.00701716	0.106275	-9.40958	0.00647187	0.10264	-9.74278	8.85289	57.9839	5.82197	1
cg22466350	?	?	?	0.000251145	0.0556648	-17.9647	0.971406	1.01729	1.01729	0.204672	1.8969	1.8969	7.7462	21.8345	3.22141	1
cg20639396	0.0662922	0.503792	-1.98495	0.0343017	0.439602	-2.27478	0.00315856	0.261179	-3.8288	0.774933	0.908991	-1.10012	5.27368	9.25343	1.55968	1
cg24389102	0.0374754	0.152489	-6.55784	0.0100895	0.0797443	-12.5401	0.0326127	0.14255	-7.0151	0.0192935	0.110287	-9.06725	4.69732	45.1469	8.54328	1
cg02214443	0.0547056	1.20022	1.20022	0.00442812	0.727554	-1.37447	0.630337	0.960204	-1.04145	0.480871	0.941757	-1.06184	4.69432	0.521458	0.0987403	1
cg10029171	0.0942423	1.46963	1.46963	0.27409	1.26893	1.26893	0.0456484	0.619042	-1.6154	0.350265	0.81774	-1.22288	4.47385	3.10331	0.616583	1
cg02289590	0.16375	1.33805	1.33805	0.541559	1.12873	1.12873	0.0361951	0.620451	-1.61173	0.229807	0.781216	-1.28006	4.17413	2.53849	0.540576	1
cg25578225	0.46632	1.26906	1.26906	0.00123439	4.56436	4.56436	0.0146398	2.62773	2.62773	0.048078	2.06725	2.06725	3.97746	6.50803	1.45443	1
cg07130494	0.273605	1.45545	1.45545	0.000653355	5.5909	5.5909	0.224943	1.52177	1.52177	0.106717	1.78639	1.78639	3.654	6.28016	1.52774	1
cg25012434	0.410762	0.813301	-1.22956	0.0778162	0.61786	-1.61849	0.196782	1.39834	1.39834	0.174014	1.42662	1.42662	3.61978	3.46043	0.84976	1
cg25924139	0.00391437	0.205349	-4.86975	0.000839769	0.129008	-7.75149	0.00599988	0.231331	-4.32281	0.00130633	0.14837	-6.73989	10.8559	28.5735	2.33963	1
cg12412030	0.00577073	0.407652	-2.45307	0.00262033	0.355728	-2.81113	0.10869	0.647888	-1.54348	0.020608	0.500706	-1.99718	6.8188	6.64601	0.866364	1
cg24973298	0.00195804	0.45238	-2.21053	0.0451541	0.65939	-1.51655	0.555494	0.897587	-1.1141	0.0670725	0.68943	-1.45047	4.74592	2.46766	0.462181	1
cg12359511	0.0706485	0.297142	-3.3654	0.00211309	0.0745404	-13.4155	0.0174764	0.175906	-5.68484	0.0440122	0.249013	-4.01585	4.64038	26.522	5.08043	1
cg23316787	0.0088912	0.719058	-1.39071	0.0372312	0.786966	-1.2707	0.85058	0.981491	-1.01886	0.409548	0.91984	-1.08715	4.15015	0.645095	0.138168	1
cg01946574	0.251488	0.889745	-1.12392	0.454376	0.928386	-1.07714	0.832304	0.979536	-1.02089	0.222157	1.13327	1.13327	4.10429	0.618043	0.133853	1
cg00325381	0.912448	0.959918	-1.04176	0.0401478	0.413958	-2.41571	0.0978396	0.508912	-1.96498	0.255332	0.642948	-1.55533	3.39553	7.43939	1.9475	1
cg19029422	0.0534978	0.770815	-1.29733	0.0716787	1.26961	1.26961	0.00839451	0.670555	-1.4913	0.911494	1.01329	1.01329	4.05447	0.904673	0.198338	1
cg18887961	0.189857	1.2586	1.2586	0.000115936	0.326548	-3.06233	0.00160642	0.47263	-2.11582	0.0832295	0.727856	-1.3739	17.8698	7.76505	0.386254	1
cg20671534	0.174269	0.660043	-1.51505	3.97E-05	0.104473	-9.57182	0.061255	0.5454	-1.83352	0.00344366	0.319185	-3.13298	14.3284	18.752	1.16332	1
cg25569248	0.177332	1.40657	1.40657	0.206722	1.37282	1.37282	0.0143463	0.487582	-2.05094	0.692823	1.09908	1.09908	7.29353	6.54015	0.797072	1
cg03970036	0.0104759	2.04068	2.04068	0.0138431	0.509976	-1.96088	0.0974979	1.49565	1.49565	0.496732	1.16506	1.16506	5.55831	4.31473	0.690015	1
cg07623221	0.0396392	0.528583	-1.89185	0.000716462	0.251563	-3.97515	0.030858	0.506955	-1.97256	0.255347	0.727453	-1.37466	4.50692	5.12529	1.01085	1
cg12732365	0.571572	0.677356	-1.47633	0.00209885	0.0524212	-19.0763	0.109927	0.305038	-3.27828	0.114196	0.310109	-3.22467	4.46553	32.8377	6.53653	1
cg10310310	0.0447807	1.86632	1.86632	0.0095586	2.43253	2.43253	0.00385361	2.87144	2.87144	0.0253156	2.05497	2.05497	6.34968	7.37886	1.03296	1
cg03361379	0.603384	1.21235	1.21235	0.0940756	1.96658	1.96658	0.0131996	3.09163	3.09163	0.0683167	2.11668	2.11668	4.25462	9.09493	1.90014	1
cg16477744	0.0461468	2.80388	2.80388	0.0202367	3.53749	3.53749	0.0102012	4.31294	4.31294	0.0329934	3.08064	3.08064	4.17985	13.479	2.86645	1
cg21380084	0.000521103	1.33693	1.33693	0.13891	1.08925	1.08925	0.0739548	1.11281	1.11281	6.43E-08	0.374718	-2.66867	89.105	4.06514	0.0405528	1
cg18284875	1.29E-05	0.37816	-2.64438	0.000416845	0.551909	-1.81189	1.81E-06	0.282773	-3.53641	3.91E-06	0.319463	-3.13026	72.2314	12.8991	0.158737	1
cg12866112	0.00464139	1.87193	1.87193	0.0066929	1.79621	1.79621	0.760692	1.05218	1.05218	0.0435675	0.679513	-1.47164	55.6193	24.4207	0.390283	1
cg06339573	0.676867	1.07869	1.07869	0.496771	1.13281	1.13281	0.463025	1.14454	1.14454	0.890763	1.02515	1.02515	44.2605	22.8958	0.459819	1
cg22519571	0.484184	0.937719	-1.06642	0.000233163	1.73702	1.73702	0.012144	1.32677	1.32677	0.000125137	0.546358	-1.8303	43.6212	5.65205	0.115175	1
cg24996491	8.09E-06	0.22922	-4.36262	1.66E-06	0.162758	-6.14408	0.672657	0.937846	-1.06627	7.54E-06	0.226044	-4.42391	40.5565	14.6454	0.320988	1
cg13917560	0.528485	0.882756	-1.13282	0.00401214	2.12755	2.12755	0.305744	1.23009	1.23009	0.26829	0.798381	-1.25254	39.469	23.8381	0.536862	1
cg01239704	0.00144063	0.392819	-2.5457	2.23E-05	0.178154	-5.61313	0.206753	0.763291	-1.31012	0.000101137	0.24718	-4.04564	36.0322	23.483	0.57931	1
cg07941978	0.408452	0.932481	-1.07241	0.361144	1.08071	1.08071	0.00717019	1.33247	1.33247	3.29E-07	0.293174	-3.41094	32.8114	3.55261	0.0962434	1
cg16609021	0.010233	0.550218	-1.81746	0.154707	1.3246	1.3246	0.000249795	3.05044	3.05044	0.000364734	0.348509	-2.86937	30.1938	16.2884	0.479523	1
cg10731951	0.00552187	0.434012	-2.30408	8.22E-07	0.0489745	-20.4188	0.897782	1.02985	1.02985	0.0183144	0.519309	-1.92563	29.1569	24.1873	0.737383	1
cg06338523	0.000184941	1.59421	1.59421	3.46E-05	1.80636	1.80636	0.778677	0.979409	-1.02102	0.00205407	0.725646	-1.37808	26.1408	2.25764	0.0767683	1
cg23859303	0.000176136	0.316287	-3.16168	0.185835	0.775798	-1.289	0.00288897	2.09886	2.09886	0.000278238	0.340862	-2.93374	25.5884	13.2726	0.461063	1
cg19589728	1.44E-05	0.152068	-6.576	0.282228	0.792096	-1.26247	0.0453907	0.619585	-1.61398	0.000424513	0.31215	-3.20358	25.0601	17.2665	0.612448	1
cg15298059	0.567992	0.874192	-1.14391	0.000455244	0.276186	-3.62075	0.00022966	4.15939	4.15939	0.0295274	0.550449	-1.8167	24.0974	20.7132	0.764054	1
cg18889973	0.101825	1.63314	1.63314	6.46E-06	0.0637295	-15.6913	0.17117	1.49043	1.49043	0.00163539	0.290678	-3.44024	23.8256	28.3055	1.05603	1
cg12937684	0.000324592	0.330883	-3.02222	4.24E-06	0.132241	-7.56193	0.850453	0.964721	-1.03657	0.00140148	0.414584	-2.41206	22.837	13.0965	0.509757	1
cg09279037	0.254816	1.14854	1.14854	8.99E-06	0.326189	-3.06571	0.225308	1.1599	1.1599	8.35E-05	0.438381	-2.28112	21.2774	4.57204	0.191003	1
cg25782293	0.0199393	0.844907	-1.18356	9.59E-05	1.51657	1.51657	0.223854	0.926205	-1.07967	0.027652	0.85539	-1.16906	21.14	1.20493	0.0506643	1
cg05166028	0.000898317	0.619249	-1.61486	0.000129649	1.89863	1.89863	0.586252	0.948387	-1.05442	0.00130411	0.636718	-1.57055	20.9019	3.07785	0.130891	1
cg04290826	0.340683	0.851882	-1.17387	2.03E-06	0.147766	-6.76744	0.17752	1.2636	1.2636	0.00115061	0.458409	-2.18146	20.7013	8.73902	0.375243	1
cg17646855	0.38219	1.07806	1.07806	2.45E-06	2.60737	2.60737	0.168716	0.88427	-1.13088	0.0608609	0.837607	-1.19388	19.4335	2.16482	0.099019	1
cg09127540	0.279559	0.940715	-1.06302	0.00314682	1.24536	1.24536	0.0163624	0.852529	-1.17298	0.0320522	0.872372	-1.1463	19.2034	0.898914	0.041609	1
cg01679225	0.111455	1.21302	1.21302	0.0282783	1.33437	1.33437	0.183649	0.854597	-1.17014	7.61E-06	0.334401	-2.99042	17.8685	3.51115	0.174666	1
cg07879612	0.113456	1.3086	1.3086	0.000352267	0.407988	-2.45105	0.798105	1.04084	1.04084	0.0600262	0.718005	-1.39275	17.6616	6.82043	0.343264	1
cg18064706	0.0234054	1.65954	1.65954	0.321698	0.825735	-1.21104	0.0391085	0.639814	-1.56295	0.00349852	0.476657	-2.09794	17.4868	9.68845	0.492483	1
cg24824371	0.00199996	1.71242	1.71242	0.817993	0.971977	-1.02883	9.37E-05	2.36033	2.36033	0.0010819	0.551582	-1.81297	17.2273	4.14845	0.21405	1
cg06138156	0.231323	1.15435	1.15435	0.0910292	0.808302	-1.23716	0.167725	1.18306	1.18306	0.00165042	0.597525	-1.67357	16.8955	3.4974	0.184002	1
cg12015948	0.183751	1.19124	1.19124	0.00190917	1.72557	1.72557	0.114436	0.808112	-1.23745	0.0667345	0.774852	-1.29057	16.8111	4.09981	0.216778	1
cg15948785	0.000318737	0.199808	-5.00481	0.000263312	0.190743	-5.24264	0.000312893	0.198919	-5.02717	0.000845527	0.249928	-4.00115	16.7777	20.2884	1.07489	1
cg09027472	0.845414	0.97248	-1.0283	0.000181343	2.47306	2.47306	0.706675	0.947389	-1.05553	0.00112305	0.50376	-1.98507	16.6304	5.3828	0.287708	1
cg03653377	0.109352	0.789044	-1.26736	0.00260693	1.76114	1.76114	0.262514	0.853378	-1.17181	6.62E-06	0.256702	-3.89557	16.6182	4.84783	0.259304	1
cg21839449	0.0347936	1.29057	1.29057	0.00075231	1.69877	1.69877	0.786098	1.0286	1.0286	0.000531187	0.571623	-1.74941	16.4024	2.79237	0.151326	1
cg19082304	0.231775	0.823463	-1.21438	0.0152394	1.5865	1.5865	0.57489	0.915979	-1.09173	0.151994	0.788457	-1.2683	16.184	6.14787	0.337666	1
cg01536803	0.0324667	0.572115	-1.7479	0.00123934	0.348909	-2.86607	0.00904874	2.09596	2.09596	0.000729268	0.318032	-3.14434	16.1515	12.7271	0.700426	1
cg01718785	0.183917	1.2826	1.2826	1.51E-05	0.205164	-4.87415	0.425421	1.15455	1.15455	0.000254548	0.345083	-2.89785	15.9345	7.86698	0.43885	1
cg27104173	0.0857002	0.5506	-1.8162	3.82E-05	0.0836308	-11.9573	0.0806328	1.83812	1.83812	0.00616196	0.325446	-3.07271	14.7042	22.9872	1.38961	1
cg05581460	0.0074113	0.600912	-1.66414	0.000229913	0.405271	-2.46749	0.913948	1.01609	1.01609	0.00111462	0.492137	-2.03195	14.66	5.06135	0.306887	1
cg05209192	0.000364659	0.498647	-2.00542	0.000500259	1.94114	1.94114	0.0104829	1.48063	1.48063	0.0333251	0.738581	-1.35395	14.658	3.44581	0.208961	1
cg26706676	0.0744921	0.608827	-1.6425	5.95E-05	0.156531	-6.38851	0.601696	0.876767	-1.14055	0.00591134	0.406872	-2.45778	14.6287	14.4486	0.877944	1
cg22531685	0.00468112	1.35023	1.35023	0.000568613	1.53164	1.53164	0.49825	0.946569	-1.05645	0.0159806	0.790107	-1.26565	14.6226	1.47722	0.0897984	1
cg00250414	0.128703	1.3632	1.3632	0.00135297	0.415546	-2.40648	0.920772	1.01895	1.01895	0.0077583	0.524562	-1.90635	13.9609	7.87315	0.501281	1
cg09377301	0.978133	1.00589	1.00589	0.0104729	0.50151	-1.99398	0.00279524	0.413737	-2.41699	0.0185415	0.542495	-1.84334	13.8221	10.0432	0.645872	1
cg26861487	0.00543646	0.504733	-1.98125	0.000830542	0.390365	-2.5617	0.578868	0.900499	-1.11049	0.000266659	0.326688	-3.06102	13.7849	7.62878	0.491926	1
cg07032987	0.0495107	1.18356	1.18356	0.0125766	1.26284	1.26284	0.00822621	0.775544	-1.28942	0.00546518	0.759747	-1.31623	13.5388	1.21242	0.0796017	1
cg05347872	0.163476	1.13824	1.13824	0.0260698	1.25849	1.25849	0.0210239	1.27339	1.27339	0.00170284	0.676951	-1.47721	13.3884	1.60743	0.106722	1
cg16711733	0.00369361	1.41797	1.41797	0.000151911	1.78324	1.78324	0.0694461	1.19812	1.19812	0.00381468	0.706646	-1.41514	13.2243	1.65923	0.111527	1
cg12967902	0.490511	1.14215	1.14215	0.00554376	1.99693	1.99693	0.626853	1.09743	1.09743	0.00600883	0.505969	-1.97641	13.1041	7.47436	0.507008	1
cg17322774	0.630818	0.877247	-1.13993	0.72923	0.910294	-1.09855	1.48E-05	0.0877855	-11.3914	0.252962	0.724012	-1.38119	12.8441	14.8815	1.02989	1
cg01235172	0.005193	0.381734	-2.61963	5.71E-05	0.142274	-7.02872	0.438045	1.22938	1.22938	0.00868979	0.417663	-2.39427	12.6174	13.6199	0.959516	1
cg00501869	0.00466881	4.37215	4.37215	0.147249	0.543373	-1.84036	0.128456	0.524951	-1.90494	0.0879121	2.09314	2.09314	12.5335	30.5333	2.16545	1
cg09230014	0.000387149	1.65152	1.65152	0.000333382	1.67046	1.67046	0.0178006	0.774632	-1.29093	0.17809	0.880883	-1.13522	12.4994	1.55518	0.110596	1
cg02770061	0.130827	0.624846	-1.6004	0.493082	0.818207	-1.22218	0.688986	0.890507	-1.12296	0.00292122	0.307718	-3.24973	12.2691	16.144	1.16963	1
cg14354631	0.00361541	0.173009	-5.78006	0.00017001	0.0579622	-17.2526	0.000165327	0.0572948	-17.4536	0.00186792	0.140079	-7.13884	12.1246	38.1017	2.79336	1
cg00872170	0.355382	1.25308	1.25308	4.47E-05	0.159733	-6.26043	0.0904743	0.64233	-1.55683	0.000649036	0.289066	-3.45942	12.0619	10.7574	0.792751	1
cg10613546	0.0291489	1.24938	1.24938	0.00465346	1.38538	1.38538	0.00669915	1.35607	1.35607	0.01621	0.77516	-1.29006	11.985	1.42378	0.105597	1
cg14994242	0.00389941	0.266851	-3.74741	0.000118733	0.101346	-9.86716	0.774219	0.906848	-1.10272	0.00450027	0.275994	-3.62327	11.9154	21.8111	1.6271	1
cg24500428	0.623781	0.938522	-1.06551	0.0106736	1.50975	1.50975	0.00216502	1.73749	1.73749	0.0121684	1.49337	1.49337	11.7971	3.07766	0.231896	1
cg02637474	0.824673	0.949409	-1.05329	0.408258	1.21886	1.21886	0.247009	0.753348	-1.32741	0.000454682	0.274575	-3.64199	11.766	10.2019	0.770728	1
cg14628604	0.022137	1.55117	1.55117	0.900342	0.980151	-1.02025	0.0737233	0.726859	-1.37578	0.00245692	0.509584	-1.96238	11.7522	4.76656	0.360524	1
cg16937735	0.191945	1.27551	1.27551	0.686728	1.07404	1.07404	0.039276	1.52222	1.52222	0.0720351	0.702048	-1.4244	11.7351	5.76841	0.436935	1
cg20956114	0.00145354	0.347964	-2.87386	8.68E-05	0.198678	-5.03327	0.686312	0.911025	-1.09766	0.158667	0.70765	-1.41313	11.6934	9.75547	0.741572	1
cg02865101	0.037641	0.5102	-1.96002	6.81E-05	0.130899	-7.6395	0.305801	1.34434	1.34434	0.00874704	0.393741	-2.53974	11.5887	14.2937	1.09637	1
cg06313349	0.382353	1.23874	1.23874	0.039929	0.566938	-1.76386	0.0964336	1.5468	1.5468	0.0171913	0.49967	-2.00132	11.3796	10.2926	0.803979	1
cg05439204	0.521209	1.06706	1.06706	0.00461273	1.45694	1.45694	0.449157	0.925896	-1.08003	0.277249	0.893323	-1.11942	11.3037	1.78416	0.140301	1
cg12875205	0.082864	1.26202	1.26202	0.544899	0.92844	-1.07708	0.311384	0.880813	-1.13532	0.345023	1.12508	1.12508	11.2109	2.60714	0.206714	1
cg25903223	0.000126144	0.15955	-6.26764	0.0023691	0.311758	-3.20762	0.733604	1.09848	1.09848	0.020759	0.465139	-2.1499	11.1971	13.4063	1.06427	1
cg16992960	0.35633	1.20328	1.20328	0.000484985	0.344052	-2.90654	0.588511	1.11242	1.11242	0.024481	0.592883	-1.68667	11.1433	6.71469	0.535625	1
cg15000722	0.0364752	0.56427	-1.7722	4.77E-05	0.164846	-6.06629	0.140143	0.688249	-1.45296	0.00102666	0.318122	-3.14345	11.1236	9.76102	0.780008	1
cg02161503	0.313247	0.774202	-1.29165	0.213775	0.725277	-1.37878	0.906697	0.971641	-1.02919	0.00130456	0.31706	-3.15398	11.0022	10.4906	0.847553	1
cg07037223	0.176173	1.40449	1.40449	0.00028679	0.246984	-4.04885	0.694911	0.911101	-1.09757	0.0428503	0.57663	-1.73422	10.9732	9.69588	0.785422	1
cg00231927	0.59819	0.884658	-1.13038	0.33927	0.796937	-1.2548	0.0719103	0.629403	-1.58881	0.00821462	0.458766	-2.17976	10.8814	9.15198	0.747617	1
cg02855778	0.25152	0.885592	-1.12919	0.00250704	0.653257	-1.53079	0.000106922	2.0002	2.0002	0.503499	0.933462	-1.07128	10.8543	1.76827	0.144808	1
cg21232767	0.00292759	0.536755	-1.86305	0.0999943	1.31571	1.31571	0.497499	1.11055	1.11055	0.0153717	1.57274	1.57274	10.7006	3.92739	0.326245	1
cg13912824	0.0314356	0.392119	-2.55025	0.00143972	0.181051	-5.52332	0.218513	1.61628	1.61628	0.0590876	0.453543	-2.20486	10.6284	23.1656	1.93741	1
cg25858232	0.0838199	0.682148	-1.46596	0.617855	1.10578	1.10578	0.589834	0.896907	-1.11494	0.0162566	0.555693	-1.79955	10.6034	6.7121	0.562676	1
cg00533835	0.376564	0.795569	-1.25696	0.202837	1.40332	1.40332	0.609	0.878074	-1.13886	0.428208	0.81558	-1.22612	10.556	10.6198	0.894262	1
cg26967186	0.075968	0.763106	-1.31043	0.10656	1.27284	1.27284	0.336965	0.873254	-1.14514	0.000101071	0.389329	-2.56852	10.5054	3.11839	0.263856	1
cg13117953	0.908101	0.963562	-1.03782	6.14E-05	0.0928741	-10.7673	0.191584	1.55957	1.55957	0.00141067	0.22633	-4.41832	10.3827	16.9907	1.45462	1
cg25277638	0.528441	0.847021	-1.18061	0.000155919	0.185799	-5.38216	0.460371	1.21579	1.21579	0.0154683	0.461978	-2.16461	10.3642	11.0932	0.951405	1
cg00348802	0.0959619	0.678923	-1.47292	0.236124	0.768784	-1.30076	0.73674	1.07408	1.07408	0.04267	0.610032	-1.63926	10.077	7.15965	0.63155	1
cg11072645	0.707425	0.886901	-1.12752	0.393092	1.32114	1.32114	0.0130421	2.66565	2.66565	0.0377474	0.46437	-2.15346	10.07	16.1614	1.42659	1
cg07920930	0.15691	1.50725	1.50725	0.00028342	0.20043	-4.98927	0.00119738	3.61982	3.61982	0.0391045	0.523576	-1.90994	10.0356	11.6729	1.03391	1
cg16558692	0.0224198	0.482993	-2.07042	2.37E-05	0.105955	-9.43793	0.459415	0.818393	-1.22191	0.0536264	0.558173	-1.79156	9.84571	11.038	0.996532	1
cg10243459	0.858405	1.03965	1.03965	0.367132	0.817319	-1.22351	0.250867	1.29854	1.29854	0.936095	0.982691	-1.01761	9.82745	7.37922	0.667447	1
cg20358492	0.0454795	0.512133	-1.95262	0.187792	0.66552	-1.50259	5.72E-05	0.113238	-8.83099	0.472648	0.808081	-1.2375	9.81285	13.2255	1.19802	1
cg11008701	0.127529	1.36523	1.36523	0.548211	1.12164	1.12164	0.383212	0.844559	-1.18405	4.80E-05	0.235597	-4.24453	9.743	5.50805	0.502519	1
cg23375968	0.0115071	0.307632	-3.25063	0.000391662	0.121559	-8.22643	0.24381	0.634574	-1.57586	0.00507623	0.251194	-3.98099	9.60705	21.1638	1.95818	1
cg00368924	0.942955	0.991238	-1.00884	0.0705606	1.28212	1.28212	0.605739	1.06613	1.06613	0.431681	0.906024	-1.10372	9.56676	2.29134	0.212898	1
cg08463820	0.869627	1.03493	1.03493	0.0608728	0.643038	-1.55512	0.190833	1.33573	1.33573	0.333434	0.811802	-1.23183	9.56471	6.61605	0.614858	1
cg06400119	0.0921492	0.391353	-2.55524	0.00376251	0.138201	-7.23583	0.0412334	0.303722	-3.29249	0.00152989	0.0994457	-10.0557	9.56463	38.7932	3.60525	1
cg15223713	0.00037683	0.131115	-7.62686	0.644959	0.847165	-1.18041	0.0023543	0.219378	-4.55835	0.228775	0.636664	-1.57069	9.51792	19.263	1.79899	1
cg03339717	0.00919724	0.526085	-1.90083	0.028841	1.6497	1.6497	0.0699376	1.48228	1.48228	0.602127	0.902883	-1.10756	9.46867	5.6571	0.531071	1
cg19418190	0.00713062	0.527763	-1.89479	0.0157968	0.58052	-1.72259	0.595452	1.10357	1.10357	0.0749589	0.694396	-1.4401	9.42687	5.04943	0.476127	1
cg06315569	0.137107	1.69351	1.69351	0.000131472	0.1127	-8.87308	0.348161	1.37405	1.37405	0.0438713	0.466733	-2.14255	9.40454	16.12	1.52362	1
cg25821143	0.183972	1.40627	1.40627	0.097985	1.55129	1.55129	0.103911	1.53744	1.53744	0.215809	1.37041	1.37041	9.37315	8.68631	0.823753	1
cg13915179	0.331213	0.806086	-1.24056	0.0558795	1.59317	1.59317	0.832109	1.0467	1.0467	0.0226096	0.555995	-1.79858	9.35633	6.85078	0.650851	1
cg09998033	0.0415341	1.19065	1.19065	0.0752203	1.15845	1.15845	0.0854367	0.868344	-1.15162	0.562698	1.04441	1.04441	9.30841	0.812693	0.0776065	1
cg08376924	0.405607	1.17316	1.17316	0.00198875	0.440628	-2.26949	0.691714	1.07768	1.07768	0.895447	0.975624	-1.02498	9.24044	5.15564	0.495949	1
cg21052788	0.00165633	1.48601	1.48601	0.00203104	1.46644	1.46644	0.0631084	1.20193	1.20193	0.081347	0.843668	-1.1853	9.2182	1.13027	0.108989	1
cg05012972	0.433765	1.19358	1.19358	0.616812	0.894255	-1.11825	0.826848	1.04973	1.04973	0.0474317	0.60507	-1.6527	9.21751	7.16499	0.690954	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(105T vs. N)	Fold-Change(105 T vs. N)	p-value(111T vs. N)	Fold-Change(111 T vs. N)	p-value(112T vs. N)	Fold-Change(112 T vs. N)	p-value(121T vs. N)	Fold-Change(121 T vs. N)	p-value(221T vs. N)	Fold-Change(221 T vs. N)	p-value(347T vs. N)	Fold-Change(347 T vs. N)	p-value(353T vs. N)	Fold-Change(353 T vs. N)	p-value(537T vs. N)	Fold-Change(537 T vs. N)	p-value(537T vs. N)	Fold-Change(537 T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg18540529	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00236811	0.275399	0.939965	-1.19337	0.175412	1.1638	1.25168	0.0906842	0.7522239	-1.32938	0.367328	1.1552	1.1555	9.13E-05	0.1365118	2.97161	0.0138938	1.6228	0.0456746	0.6998802	-1.42838	0.021047	0.648086	-1.54087	9.17708	3.52769	0.34169	1			
cg13106484	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00250261	0.64494	1.08916	1.08916	0.000692655	0.385589	-2.59344	0.00102546	0.408291	-2.44924	0.00280807	0.450399	-2.22026	0.754686	0.9439358	1.05939	0.1502058	0.752879	1.32823	0.138929	1.34069	0.19936	0.779121	-1.2835	0.00638125	0.520307	-1.92194	0.02927	4.84491	0.4769559	1
cg00638020	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00253383	0.63208	0.926619	-1.07919	0.291848	0.841313	-1.18862	0.0170655	0.631649	-1.58316	0.0163065	1.59042	1.59042	0.000500545	0.423144	-2.36326	0.9164865	1.01671	1.01671	0.0399643	0.687223	-1.45513	0.201192	1.23771	1.23771	0.00501131	1.79784	1.79784	8.9917	3.55458	0.3513394	1
cg00552603	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00256758	0.217383	0.614015	-1.6286	0.16886	0.576361	-1.73474	0.00580417	0.257362	-3.88559	0.370181	0.707709	-1.41295	0.0327772	0.391346	-2.55531	0.0975002	0.274502	-3.64267	7.25E-05	0.0663199	-15.0784	0.0372384	0.403196	-2.48018	0.00527444	0.25116	-3.98153	8.96137	20.0263	1.98644	1
cg09130676	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00264758	0.319877	0.807878	-1.23781	0.00488846	0.321711	-3.10838	0.560975	1.12687	1.12687	0.597606	0.895332	-1.1169	0.00335076	0.436887	-2.28997	0.7358351	0.932131	-1.07281	0.0183774	0.446037	-2.24197	0.0299692	0.6989	1.6989	0.00176165	0.490517	-2.03867	8.386606	6.059152	0.606474	1
cg18849847	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00271208	0.0163164	0.32808	-3.04904	0.419373	0.737581	-1.35578	0.606877	0.821267	-1.21772	0.379529	0.710247	-1.40796	0.000989858	0.156488	-6.39028	0.0400407	0.240352	-4.16057	0.00179341	0.185237	-5.39849	0.000712594	0.143178	-7.07325	0.00394639	0.255337	-3.91639	0.817776	20.1162	2.02785	1
cg10249637	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00271805	0.636473	1.20547	1.20547	0.04571441	2.45741	2.45741	0.0856702	2.10772	2.10772	0.378182	0.70125	-1.42602	8.48E-05	0.0624851	-16.0038	0.0460672	0.407696	-2.45281	0.346875	0.683729	-1.46257	0.238059	1.62431	1.62431	0.173025	0.566027	-1.7667	8.81203	21.5008	2.16884	1
cg25366140	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00277067	0.0243198	0.139218	-3.57474	0.199337	2.82024	2.82024	0.0659825	0.216746	-4.61369	0.4998	0.551914	-1.81188	0.000530774	0.0166738	-59.9742	0.714873	0.708217	-1.41146	0.00105106	0.0099714	-100.029	0.554058	0.636649	-1.57072	0.664231	1.39024	1.39024	8.76222	78.9746	8.01163	1
cg08041408	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00283864	0.571007	1.42833	1.42833	0.0030644	3.62462	3.62462	0.0631311	0.671613	-1.48922	0.0203674	0.671613	-1.48922	0.0203674	0.321186	-3.11346	0.1019969	7.04461	7.04461	0.0694901	0.282321	-3.54207	0.0954815	0.319694	-3.12798	0.182397	0.413697	0.414369	0.675294	0.69266	53.4185	5.45808	1
cg14761242	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.0028879	0.00965468	0.259287	-3.85673	0.613562	1.23152	1.23152	0.143312	1.91211	1.91211	0.819877	1.09856	1.09856	0.0401598	0.376342	-2.65716	0.379126	0.689443	-1.45045	0.000116834	0.0619374	-16.1453	0.0920799	0.465688	-2.14736	0.00794101	0.245903	-4.06665	8.65537	23.2848	2.3913	1
cg04662039	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.0028626	0.768624	0.948361	-1.05436	0.0102006	1.30146	1.30146	0.0497284	0.0021455	0.633456	-1.57864	0.00413597	0.581026	1.71867	0.0039751	1.908651	2.38655	0.367264	1.18009	0.1899	0.0001	0.0001	1.436351	0.0001	0.0001	0.0001	1.1794	0.000654581	0.039038	2.544428	0.645626	4.17677	0.4540211	1
cg26934214	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00300325	0.0119438	0.624646	-1.60091	0.485239	0.899074	-1.11226	0.935669	1.01218	1.01218	0.948782	1.12577	0.00402972	0.0225425	0.432625	2.31147	0.552367	1.09437	1.09437	0.961139	0.0902737	-1.10734	0.0316571	1.45927	1.45927	0.00129328	0.0494949	-2.02041	0.555539	3.0495	0.316837	1
cg10434814	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00301137	0.0249212	0.829875	-1.21094	0.0158872	0.809577	-1.23506	0.665017	0.9669483	-1.03148	0.856016	1.01307	1.01307	0.819511	0.983795	-1.01647	0.0881737	1.14821	1.14821	0.00919357	0.266568	-3.75206	0.00030826	0.132326	1.51226	0.189462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg10642306	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00315909	0.0794147	0.502992	-2.47121	0.0179542	0.262848	-3.80448	0.751087	0.862546	-1.15936	0.12518	0.462466	-2.16232	0.000323439	0.0670675	-14.9103	0.0386751	0.328692	-3.04236	0.000378803	0.0714535	-13.9951	0.173714	0.510429	-1.95914	0.00803301	0.20639	-4.84521	8.42768	28.8169	3.03939	1
cg08954025	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00317312	0.0232637	0.457624	-2.1852	0.383372	1.29394	1.29394	0.982327	0.993635	-1.00641	0.503096	0.821034	-1.21798	0.000143565	0.151238	-6.61208	0.0303109	0.479944	-2.08358	0.0024058	0.295548	-3.38355	0.311251	0.739322	-1.35259	0.0145794	0.420087	-2.38046	8.416557	11.0786	1.17003	1
cg10326400	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00317385	0.0000342383	0.487588	-2.32724	0.0197255	0.778515	-1.28496	0.10624	0.232624	-4.29755	0.0124	0.824209	-1.21355	0.0132519	0.757901	-1.31943	0.0235223	0.137332	1.37332	0.0812453	0.12541	1.2531	0.640577	0.945089	-1.05642	0.323806	1.12632	1.12632	1.84527	0.191833	1
cg20223687	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00317645	0.435083	1.56593	1.56593	0.1912	0.458718	-2.17999	0.611033	0.749121	-1.3349	0.0920685	0.351931	-2.84146	0.0132267	0.177388	-5.63736	0.0181166	0.198642	-5.03419	0.000197379	0.029509	-33.888	0.00125035	0.0703249	-14.2197	0.027359	0.229911	-4.34951	8.41394	42.2626	4.46482	1
cg27581594	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00320434	0.000824095	0.53864	-1.85653	0.0328664	1.86361	1.86361	0.0648326	0.765346	-1.3066	0.504158	0.920133	-1.0869	0.310047	1.13768	1.13768	0.0449469	1.13655	1.13655	0.0011441	1.79897	1.79897	0.617448	0.940037	-1.06379	0.202791	0.84078	-1.17952	8.99207	2.00423	0.212289	1
cg25258258	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00321107	0.0143841	0.605729	-2.30033	0.0136031	0.836561	-1.19537	0.263481	0.8240291	-1.21355	0.0125119	0.757901	-1.31943	0.0161761	0.0133298	-5.16305	0.0050283	0.539781	-1.8526	0.00844264	0.247512	-4.04127	0.0167339	0.567239	-1.31651	0.841797	0.667339	-1.49976	8.388695	1.2		
cg16006415	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00321602	0.0168686	0.740455	-1.35052	0.690257	0.959553	-1.04215	0.802539	1.02616	1.02616	0.0151381	0.735205	-1.36017	0.0748424	0.815046	-1.22693	0.0020098	1.56717	1.56717	0.0496878	1.25958	1.25958	0.292166	0.893463	-1.11924	0.00180096	0.632803	-1.58027	8.38227	1.41041	0.1495651	1
cg29332731	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00325609	0.0608083	0.515607	-1.93946	0.743686	0.637264	-1.56921	0.0030598	0.253885	-3.94003	0.18991	0.64737	-1.54519	0.00289862	0.237054	-3.6094	0.0349274	0.462835	-2.1606	0.0001766	0.133287	-7.52803	0.0147758	0.534209	-1.87198	0.532009	0.12094	-8.26972	1.38292	1		
cg14582691	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00336802	0.304991	0.862566	-1.15933	0.237869	1.18778	1.18778	0.492046	0.731641	-1.36679	0.547071	0.918685	-1.08851	0.000110252	0.387827	-2.57847	0.230914	1.19114	1.19114	0.0460779	1.37457	1.37457	0.721764	0.951452	-1.05103	0.0376017	0.714825	-1.39884	2.62828	2.53672	0.272712	1
cg22337705	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00337706	0.0017888	0.180662	-2.73824	0.0799017	1.56514	1.56514	0.0178355	0.0672647	2.14831	0.0013307	0.465722	2.14831	0.0013307	0.0195511	4.88239	0.0022229	0.0127653	4.78343	0.0001309008	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.5232	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg21160944	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00343895	0.00356371	0.673362	-1.48509	0.287559	0.895306	-1.11694	0.0474668	0.796855	-1.25493	0.00224842	0.651584	-1.53472	0.865213	0.983129	-1.01716	0.0367357	0.943744	-1.05961	0.00120196	0.160822	1.60822	0.625001	1.05057	1.05057	0.0823701	0.824714	1.21254	8.21695	1.30539	0.141213	1
cg05731713	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00344538	0.00692459	0.294998	-3.38985	0.0946635	0.31707	-3.15387	0.912891	1.03896	1.03896	0.0107301	0.680218	-1.47013	0.00128403	0.212684	2.76622	0.0226762	0.0128483	0.23985	-2.94247	0.0206777	0.244127	-4.09611	0.0460777	1.70012	1.70012	0.00315738	0.244372	-4.09211	8.21235	15.8708	1.71782	1
cg00113321	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00345034	0.0813527	0.671715	-1.48909	0.0778097	1.19614	1.19614	0.0857385	0.0306683	1.96483	0.0007257	0.744536	-1.34289	0.0001443	0.0002092	3.81227	0.0159134	0.0082388	2.10683	0.0001309	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.6784	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg11128956	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00352988	0.196538	0.609858	-1.63972	0.000283446	0.116173	-8.56679	0.0452128	0.435147	-2.29807	0.550554	1.24448	1.24449	0.00835792	0.295103	-3.38865	0.5405332	0.799009	-1.25155	0.00216613	0.210405	-4.75275	0.00358314	0.239633	-4.17305	0.173662	0.592008	-1.68917	8.15303	16.9357	1.84642	1
cg15727524	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00358353	0.121135	0.41264	-2.42494	0.0823664	1.81361	1.81361	0.0944025	0.765346	-1.3066	0.504158	0.920133	-1.0869	0.310047	1.13768	1.13768	0.0449469	1.13655	1.13655	0.0011441	1.79897	1.79897	0.617448	0.940037	-1.06379	0.202791	0.84078	-1.17952	8.99207	2.00423	0.212289	1
cg18090200	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00362387	0.0945566	0.716263	-1.39613	0.00242534	2.1521	2.1527	0.0066097	0.0139473	-7.17035	0.0002367	0.0152112	-6.57324	0.0271661	0.0129311	-7.73284	0.0143013	0.13676	7.31076	0.57904	0.1008	1.10808	0.506778	0.884869	-1.13011	0.545001	1.11767	1.11767	0.8091	4.22489	0.464262	1
cg09742641	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00379464	0.538069	1.15077	1.15077	0.288325	0.780129	-1.28184	0.906631	0.973917	-1.02678	0.310176	0.691976	-1.44514	0.60841	0.905335	-1.10456	0.714439	1.0863	1.0863	0.7006	0.05	0.194945	-5.12965	0.766129	1.0695	1.0695	0.00666926	0.452551	-2.2097	7.97805	6.41084	0.714275	1
cg27658314	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.0037366	0.0193766	0.61249	-1.63205	0.0786577	1.29703	1.29703	0.339058	0.774971	-1.3606	0.0831576	0.749953	-1.33347	0.0008386	0.0040247	0.02895	0.0726507	0.0929247	-10.7597	0.0002114	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.2825	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg00108938	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00392064	0.154017	0.7328	-1.36463	0.00155802	0.525533	-2.52533	0.0131928	0.534765	-1.86998	0.0162795	0.549631	-1.8194	0.00178192	0.0984152	-10.1604	0.7205007	0.929447	-1.07559	0.0003247	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.3538	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg17316096	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00392338	0.0022366	0.348718	-2.86977	0.0176676	1.39117	1.39117	0.0414514	0.0178785	2.55227	0.0002218	0.0152218	2.55227	0.0002218	0.0002218	6.56235	0.0223886	0.0127653	4.78343	0.0001309008	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.5232	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg04246957	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00428263	0.0354704	0.538937	-1.8555	0.0936788	0.627862	-1.59271	0.0446095	0.558679	-1.78994	0.468016	0.829917	-1.20494	0.00731396	0.417638	-2.39442	0.0688633	0.598065	-1.67206	0.00196637	0.33137	-3.01778	0.00242135	2.90453	2.90453	0.675294	1.899096	1.11223	7.69225	7.76575	0.897382	1
cg19731340	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00443996	0.615777	0.902728	-1.0861	0.000501266	0.214134	2.43114	0.228037	0.813406	-1.2294	0.167374	0.786446	-1.27154	0.348136	1.17076	1.17076	0.1546475	0.453711	2.20662	0.120662	0.0049381	0.384493	-2.60083	7.1171	6.94002	0.860778	1.002	0.0212957	0.3323	0.0093	0.52915	0.88943	2.23066	1		
cg17429772	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00462125	0.0188262	0.347477	-2.87789	0.952387	0.978063	-1.02243	0.215142	0.615894	-1.62365	0.0279232	0.38101	-2.62461	0.00024313	0.104886	-9.53415	0.9760655	1.01121	1.01121	0.0113037	0.307756	-3.24933	0.157127	1.75427	1.75427	0.0182374	0.344887	-2.8995	7.51679	16.4274	1.9426	1
cg04254117	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00468947	0.292007	0.7837	-1.27579	0.474996	1.10806	1.10806	0.468665	0.858685	-1.16457	0.207997	0.775431	-1.28961	0.00012434	0.226391	-4.41709	0.0190025	0.14789	-6.76396	1.42E-06	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.4283	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg14091258	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00480983	0.00861916	0.23595	-2.33595	0.0135303	0.716871	-1.67881	0.275803	1.33331	1.33331	0.173725	1.4428	1.4428	0.0125201	0.254324	-3.94389	0.0010902	0.047889	0.0410456	2.65168	0.0011868	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.5232	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg00243519	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00481886	0.976275	1.0047	1.0047	0.0580887	1.40208	1.40208	0.477224	1.12078	1.12078	0.315253	0.848876	-1.17803	0.371519	0.86522	-1.15578	0.0886461	0.743533	-1.34493	0.013257	1.62304	1.62304	0.000810918	0.450688	-2.21883	0.000543063	0.561456	-1.78108	7.42164	2.92617	0.350467	1
cg21183617	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00485252	0.307606	0.738235	-1.35413	0.0776577	1.19717	-1.17754	0.0010373	0.0013953	-1.39347	0.242393	0.647427	-1.54519	0.00289867	0.0079753	-12.5164	0.0838172	0.198347	-5.04132	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.4181	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg11356247	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00490058	0.188073	0.451988	-2.21245	0.793466	1.16111	1.16111	0.0716491	0.318195	-3.14273	0.463928	0.654166	-1.52867	0.000637873	0.0518063	19.3027	0.0171866	0.191479	-5.2225	0.00015434	0.0457162	-21.8741	0.590359	1.3636	1.3636	0.0613432	0.301152	-3.32059	7.3837	37.903	4.56296	1
cg08450080	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00500239	0.225247	0.779107	-1.28355	0.711793	1.14908	1.14908	0.0488744	0.633734	-1.5155	0.484608	0.807047	-1.23889	0.0013446	0.0091343	8.90923	0.0195144	0.0496028	2.01597	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.4496	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg02704570	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00509263	0.00057849	0.355214	-2.8152	0.229717	0.7827	-1.27763	0.00429869	0.47601	-2.1008	0.0160841	0.564024	-1.77297	0.0131639	0.550126	-1.81776	0.2716151	1.24918	1.24918	0.157631	0.745466	-1.34144	0.364986	1.19837	1.19837	0.0208784	0.582459	-1.71686	7.29756	4.36818	0.532071	1
cg08240224	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00514163	0.511102	1.1382	1.1382	0.0924544	2.26614	2.26614	0.0063778	0.2624	-3.81093	0.0091196	0.407052	-2.45669	0.0012843	0.0232451	-4.30093	0.1078866	0.191479	-5.2225	0.00015434	0.0457162	-6.4657	0.0447652	0.882354	-1.13305	0.477172	0.760821	-1.44753	7.29263	8.1417	1.03615	1
cg03391854	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00516555	0.29749	0.80993	-1.23540	0.565964	1.12041	1.12041	0.390514	0.641633	-1.55917	0.0666505	0.408267	0.900013	-1.11109	0.0240769	1.39807	1.39807	0.0021817	1.7081	1.7081	0.102929	0.800171	-1.24883	0.0807293	0.785665	-1.27281	5.3889	3.32634	0.4148	1		
cg19013611	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00519203	0.00142077	0.254457	-3.92994	0.302659	-3.37235	1.37235	0.0683272	1.83131	1.83131	0.218706	0.681472	-1.46741	0.00796467	0.364787	-2.74133	0.5401866	0.832075	1.20182	1.3886	0.623579	-1.60365	0.00901815	2.67556	2.67556	0.0664439	0.543248	-1.84078	7.25456	10.0971	1.23718	1
cg23447239	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00519582	0.261188	0.697581	-1.43351	0.708657	0.931691	-1.07366	0.0208927	0.3763257	-2.65753	0.0955705	1.13437	1.13437	0.00028549	0.0048047	0.53875	-1.85597	0.0075975	0.0010355	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.5279	0.000308976	0.032226	1.089462	1.10446	1.10446	5.54854	0.6917776	0.0719318	1
cg00503923	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00519827	0.00188527	0.506262	-1.97526	0.960081	0.993201	-1.00685	0.0022297	0.514621	-1.94318	0.623942	1.08005	1.08005	0.0144074	0.624979	-1.60005	0.108906	0.761526	-1.31315	0.0753568	1.36146	1.36146	0.107617	1.31476	1.31476	0.0400875	0.690932	0.144732	7.20514	2.77162	0.341931	1
cg10524108	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00546608	0.252318	0.704269	-1.52007	0.214165	0.777577	-1.2861	0.0107845	0.539989	-1.85189	0.844807	0.962998	-1.03842	0.0004283	0.0433854	2.30613	0.0015841	0.0145196	4.62286	0.000612216	0.290334	2.76034	0.46283	1.15462	1.15462	0.108955	0.714408	-1.39976	7.14112	4.18615	0.521009	1
cg00744528	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00546002	0.01424805	0.13182	-3.15182	0.147669	0.767483	-1.30296	0.0014455	0.154554	-2.92369	0.0962629	0.648552	-1.53251	0.023869	0.0923234	1.53251	1.53251	0.0238682	1.53251	1.53251	0.462912	1.15575	1.15575	0.0033133	1.36285	1.36285	0.0210974	1.60403	1.60403	0.00506685	0.531908	-1.88004	7.13153	3.27809	0.4058088	1
cg02720761	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.00552635	0.610928	0.880461	-1.13577	0.932132	0.979087	-1.02136

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Ratio(527T vs. N)	Fold-Change(527T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg22331825	PTPRN2,PTPRN2	0.01239014	0.971457	0.980289	-1.00391	1.00647947	1.25499	1.25499	0.012285	1.40627	0.4826746	0.810133	-1.23436	0.257825	1.13805	1.13805	0.160192	0.851802	-1.17398	0.00231509	1.59261	1.59261	1.592	0.2024	01	0.86296	-1.1588	0.4336211	0.915672	-1.09209	5.3307	1.00682	0.168837	1
cg02054964	PTPRN2,PTPRN2	0.0140554	0.20806	0.829794	-1.20512	1.226685	0.792768	-1.2614	0.592703	1.07885	1.07885	0.490763	0.893114	-1.11968	0.208333	0.829897	1.20497	0.0982412	1.29036	1.29036	0.00746095	2.05289	0.25389	0.593638	0.927091	-1.07864	0.096652	0.773859	-1.29223	5.29302	1.65636	0.278163	1
cg21835508	PTPRN2,PTPRN2	0.014301	0.38609	0.862254	-1.15975	0.594418	0.914426	-1.09378	0.783	0.955084	-1.04703	0.34711	0.850878	-1.17526	0.00124301	0.4552	-2.19684	0.23571	0.812795	-1.23032	0.00556401	1.83579	1.83579	0.383868	1.1606	1.1606	0.2142	0.804402	-1.24375	5.262292	2.319309	0.391686	1
cg13538299	PTPRN2,PTPRN2	0.01143272	0.0106951	0.61348	-2.63005	2.335085	1.20867	1.20867	0.873413	1.02458	1.02458	0.86891	1.02547	1.02547	0.0151781	0.634933	1.57497	0.708641	1.94436	-1.05082	0.00204591	1.93798	1.93798	0.661246	1.06946	1.06946	0.884425	1.0224	1.0224	5.25976	1.93203	0.32651	1
cg21803278	PTPRN2,PTPRN2	0.0144685	0.177962	0.747145	-1.33843	0.184148	0.75059	-1.33228	0.187138	0.752225	-1.32939	0.211803	1.30716	1.30716	0.000404713	0.329379	-3.03602	0.409135	0.842053	-1.18757	0.495154	1.88443	-1.15149	0.20708	0.762657	-1.31121	0.00840608	0.503848	-1.98473	5.242878	3.44339	0.58381	1
cg10720723	PTPRN2,PTPRN2	0.0145442	0.0136225	0.379504	-2.63503	2.00120866	0.222083	-4.50282	0.00694689	0.329958	-3.03069	0.0356332	0.460073	-2.17357	0.0250895	0.429159	-2.33014	0.0340205	0.45588	-2.19356	0.470752	2.70221	-2.26229	0.142217	0.606002	-1.65036	0.259531	0.688385	-1.45267	5.23376	8.54007	1.41883	1
cg24647031	PTPRN2,PTPRN2	0.0146965	0.547976	0.89105	-1.12227	0.000618277	0.367928	-2.71793	0.0364386	0.630411	-1.58627	0.949235	0.987992	-1.01215	0.00648888	0.511012	-1.9569	0.219291	0.782612	-1.27777	0.0282962	0.611828	-1.63445	0.371457	0.840194	-1.1902	0.144367	0.742656	-1.34652	5.2158	2.97403	0.506841	1
cg21099010	PTPRN2,PTPRN2	0.0147723	0.0409688	0.62645	-2.26545	0.2283557	2.45284	2.45284	0.0124	1.38583	1.3617	1.3617	0.61636	-1.6234	1.19414	1.19414	0.0470587	2.03731	1.13731	0.0459656	3.47747	3.47747	0.5737818	1.21906	1.21906	0.206095	0.912121	1.69213	1
cg19334350	PTPRN2,PTPRN2	0.0150099	0.0193457	0.85926	2.85926	0.2538778	2.66319	2.66319	0.156751	0.73579	-1.35976	0.0225966	0.579991	1.57999	0.0272287	0.63081	-1.58507	0.466074	1.30692	1.30692	0.00149175	5.77407	5.77407	0.0203424	4.98025	4.98025	0.432171	1.33609	5.81858	11.7127	1.56566	1
cg26969937	PTPRN2,PTPRN2	0.0152758	0.0122	0.126576	-7.90036	0.0025937	0.0631434	-15.837	0.168977	0.379112	-2.63775	0.737268	1.24961	1.24961	0.0154749	0.140039	-7.14086	0.0451073	0.218373	-4.57933	0.00672197	0.0976759	-10.2379	0.0620372	0.248941	-4.01701	0.0660699	0.255482	-3.91417	5.149555	35.7238	6.16646	1
cg20547733	PTPRN2,PTPRN2	0.0153799	0.0343143	0.558026	-1.79104	0.0124726	0.585197	-1.7085	0.0145	0.684356	-1.46126	0.0148506	0.577533	-1.73144	0.00503729	0.416325	-2.40253	0.0661259	0.614509	-1.62732	0.0126495	0.699535	-1.42981	0.0126495	1.029	1.029	0.0116573	0.974883	-1.02578	5.4191	4.55607	0.785588	1
cg06779232	PTPRN2,PTPRN2	0.0154365	0.0374699	0.691374	-1.44639	0.337117	0.859601	-1.16333	0.0960552	1.18241	0.867928	0.534349	-1.87144	0.896785	1.02004	1.02004	0.188478	1.2374	1.2374	0.00740752	1.43492	1.43492	0.0780927	0.743166	-1.34886	0.424089	0.882622	-1.13292	5.14184	1.90313	0.329002	1
cg04095568	PTPRN2,PTPRN2	0.0154137	0.0017951	0.82381	0.823381	0.0728019	0.613176	0.631031	0.194276	1.4344	1.4344	0.113914	1.4344	1.4344	0.313014	0.188303	12.89	12.89	1.2887	0.0004	0.0340104	0.942368	0.29688	0.004185	0.0350977	25.3614	0.0108285	12.852	12.852	5.13425	0.0054599	11.3633	1
cg16235891	PTPRN2,PTPRN2	0.0154231	0.0404015	0.48167	1.48167	0.936407	0.986533	-1.01355	0.102832	1.53426	1.53426	0.867128	0.971948	-1.02886	0.463109	0.880816	-1.13531	0.113147	1.31692	1.31692	0.00174781	1.23428	1.23428	0.00248754	2.04278	2.04278	0.238832	1.23321	1.23321	5.12221	2.34225	0.406465	1
cg04441333	PTPRN2,PTPRN2	0.0158021	0.0981412	0.745885	-1.34069	0.2294096	0.660635	-1.5137	0.214963	0.809814	-1.23485	0.00602568	0.559979	-1.78578	0.00198166	0.493578	-2.02602	0.408518	0.872305	-1.14639	0.00372203	2.03581	-1.88366	0.152898	0.780836	-1.28068	0.136159	0.771432	-1.29629	5.09202	2.10622	0.367672	1
cg10620881	PTPRN2,PTPRN2	0.0158768	0.101855	0.300468	-3.33135	0.0018858094	0.959805	-17.8918	0.0673822	0.260142	-3.84393	0.0178995	0.490425	-2.04059	0.0172045	0.457305	-2.18674	0.454238	0.606496	-1.64759	0.0225218	0.758313	-1.31883	0.0225218	0.661305	-1.51207	0.0307343	0.189721	-5.27091	5.08405	34.5456	6.03991	1
cg01554539	PTPRN2,PTPRN2	0.0159316	0.00968305	0.698435	-1.43177	0.301674	1.1245	1.1245	0.746811	0.965104	-1.03616	0.744535	1.0365	1.0365	0.0956107	0.818132	-1.2223	0.67022	0.954115	-1.04809	0.00177804	1.6288	1.6288	0.104867	0.823381	-1.21451	0.516876	0.930475	-1.07472	5.07822	0.967014	0.169266	1
cg09445489	PTPRN2,PTPRN2	0.0161249	0.00106735	0.14403	-6.94153	0.368179	1.44825	1.44825	0.321732	1.50776	1.50776	0.257289	0.622691	-1.60593	0.501438	0.790353	-1.26526	0.802746	1.10549	1.10549	0.0813	1.46585	1.46585	0.0813	1.832	1.832	0.015812	0.904711	1.22818	5.07289	12.8606	2.26017	1
cg02231116	PTPRN2,PTPRN2	0.0163452	0.1165356	0.714877	-1.39884	0.739128	1.6079	1.6079	0.262809	1.25797	1.25797	0.124489	1.38674	0.0010405	0.0144809	0.724458	-1.38074	0.342482	1.21598	1.21598	0.0895858	1.5966	1.5966	0.0969846	1.4306	1.4306	0.399856	1.18461	1.18461	5.03508	1.08045	0.544006	1
cg05874166	PTPRN2,PTPRN2	0.0163465	0.495096	0.918721	-1.08847	0.00301748	1.64467	1.64467	0.014196	1.44807	1.44807	0.0144697	0.691609	-1.4459	0.956873	1.00664	1.00664	0.126888	1.2239	1.2239	0.49398	0.918513	-1.08872	0.720142	1.04501	1.04501	0.2004789	1.1779	1.1779	5.03495	1.19411	0.210813	1
cg03794375	PTPRN2,PTPRN2	0.0164068	0.8790844	1.03005	1.03005	0.9226554	1.04551	-1.17987	0.120776	1.2454	1.2454	0.117979	1.20525	1.20525	0.0126511	0.348561	2.8701	0.838789	1.36626	1.36626	0.00138152	1.83108	1.83108	0.0542244	1.73056	1.73056	0.129991	1.18366	1.18366	5.02877	1.53483	0.23948	1
cg02768721	PTPRN2,PTPRN2	0.0164189	0.126972	0.587695	-1.70156	0.766416	1.10069	1.10069	0.0104272	0.353984	-2.82499	0.255851	0.682516	-1.46517	0.00851783	0.339194	-2.94817	0.281238	0.697244	-1.43426	0.00205339	2.04094	-2.40145	0.318213	1.30407	1.30407	0.0488867	0.484883	-2.06235	5.02754	8.2573	1.45992	1
cg18939644	PTPRN2,PTPRN2	0.0164257	0.617864	1.16233	1.16233	0.7483188	1.31994	1.31994	0.0127	1.44913	1.44913	0.0154422	0.59693	-1.67533	0.0178462	0.691001	-1.44756	0.488396	1.01533	1.01533	0.9691	1.12579	1.12579	0.0066545	1.22059	1.22059	0.316827	1.15628	1.15628	0.0866554	1.60436	7.14562	1.92585	0.517017	0.996812	1
cg06497408	PTPRN2,PTPRN2	0.0164978	0.0121153	0.228505	-4.37627	0.0186059	0.260107	-3.84457	0.0464157	0.340699	-2.93514	0.910457	1.05454	1.05454	0.00401661	0.163102	6.1959	0.348008	0.634281	1.57659	0.00359334	0.155511	-6.43043	0.119002	0.449939	-2.22252	0.0527268	0.353669	2.8275	5.0195	17.7111	3.1364	1
cg10940066	PTPRN2,PTPRN2	0.016801	0.0656177	0.70387	1.03901	0.767576	-1.3028	0.233952	0.210093	2.01093	2.01093	0.658744	0.891691	-1.12146	0.791758	0.923325	-1.08304	0.14895	1.49065	1.49065	0.0419341	2.08559	2.08559	0.0009704	2.48959	2.48959	0.588537	1.15127	1.15127	4.98008	5.25649	0.936532	1
cg14053111	PTPRN2,PTPRN2	0.0168676	0.0855221	0.614554	-1.62697	0.0105464842	0.260142	-3.84457	0.0464157	0.340699	-2.93514	0.910457	1.05454	1.05454	0.00401661	0.163102	6.1959	0.350652	0.709821	1.41252	0.0155828	0.659705	1.51591	0.0155828	0.653706	-1.53443	0.0140401	1.0625	1.0625	0.473323	0.836425	1.49258	0.442054	1
cg19790941	PTPRN2,PTPRN2	0.0169347	0.00950865	1.78598	1.78598	0.7715822	0.701038	-1.42646	0.0234962	0.62021	-1.61236	0.0385461	0.655004	-1.52671	0.0612076	1.45122	1.45122	0.180421	1.28545	1.28545	0.203583	1.26733	1.26733	0.275342	0.818443	-1.22183	0.5192115	0.891049	-1.12227	4.97589	2.45622	0.438777	1
cg03137135	PTPRN2,PTPRN2	0.0170324	0.162496	0.779447	-1.2839	0.2555267	0.818597	-1.2216	0.1477	0.806561	-1.23996	0.136096	0.396561	-2.52133	0.0184962	0.415612	2.4068	0.0885733	1.75203	1.75203	0.0745261	1.12771	1.12771	0.0159198	1.28154	0.0085754	0.521734	0.916684	-1.09122	5.06232	2.19629	0.393099	1
cg06069441	PTPRN2,PTPRN2	0.0172865	0.258778	0.692916	-1.44318	0.0071229	0.338834	-2.9513	0.362142	1.33862	1.33862	0.296533	1.40073	1.40073	0.2283	0.674556	1.48246	0.0970104	1.44604	1.44604	0.00221831	2.62505	2.62505	0.0169176	1.43024	1.43024	0.0611305	1.16.107	0.0307343	1.89721	5.27091	1.08405	34.5456	6.03991	1
cg25740250	PTPRN2,PTPRN2	0.0173237	0.364507	0.84103	-1.18902	0.0338191	1.58473	1.58473	0.0026789	0.462472	-2.1623	0.807053	1.04639	1.04639	0.246652	0.798447	-1.25243	0.00731044	0.525932	-1.90142	0.13403	0.740546	-1.35017	0.416827	1.16669	1.16669	0.944958	0.987254	-1.01291	4.9382	2.69982	0.485975	1
cg04679386	PTPRN2,PTPRN2	0.0173255	0.0085927	1.55261	1.55261	0.4154134	1.41634	1.41634	0.0151	1.33513	1.33513	0.0074283	0.649255	-1.54029	0.0151	1.03136	1.03136	0.144307	1.32012	1.32012	1.5	1.5	1.5	0.0174009	1.1	-1.0386	0.1022311	0.0515547	0.745842	-1.34077	5.1194	2.110423	0.246508	1
cg08628777	PTPRN2,PTPRN2	0.0176899	0.104861	0.812327	-1.23027	0.668706	0.950923	-1.05161	0.338246	0.890981	-1.12235	0.00254272	1.63182	1.63182	0.199479	1.17176	1.17176	0.0282221	1.35385	1.35385	0.0316669	1.94251	1.94251	0.239981	1.15476	1.15476	0.182136	1.847401	1.18008	4.90308	1.06182	0.192475	1
cg16630790	PTPRN2,PTPRN2	0.0178344	0.1638894	0.740297	1.35135	0.4553888	1.58094	1.58094	0.0144	1.38779	1.38779	0.1861889	1.31882	1.31882	0.0681717	0.72881	-1.37211	0.0162424	1.19884	1.19884	0.0023706	2.36181	2.36181	0.0103993	1.52233	1.52233	0.1178162	1.47826	1.47826	0.47206	0.842142	1.49258	0.442054	1
cg22598247	PTPRN2,PTPRN2	0.0182449	0.531812	1.31208	1.31208	0.359115	0.667374	-1.49841	0.294312	0.627196	-1.5944	0.913024	1.04797	1.04797	0.000547266	0.099963	-10.0037	0.0899895	1.35039	1.35039	0.0390093	1.472	1.472	0.142674	0.77494	-1.29042	0.00491095	0.547124	-1.82774	4.76136	1.9746	0.368635	1
cg09150411	PTPRN2,PTPRN2	0.0182894	0.0385162	0.471002	-2.12313	0.00303926	3.58013	3.58013	0.00703602	2.98708	2.98708	0.926778	0.971543	-1.02929	0.545946	1.2116	1.2116	0.212593	1.51033	1.51033	0.508089	1.23476	1.23476	0.0544461	1.98451	1.98451	0.695304	0.883708	-1.1316	4.84003	7.5758	1.38874	1
cg05987961	PTPRN2,PTPRN2	0.0183163	0.27422	0.725502	-1.37864	0.3744188	0.790075	-1.26602	0.0754654	0.73235	-1.74718	0.299271	0.738348	-1.35438	0.0615761	0.624977	-1.60053	0.0828207	0.86422	1.15692	0.0045119	0.439372	-2.30721	0.0644552	0.521059	-1.91927	0.0163522	0.439092	-2.28785	4.84662	2.10288	1.11929	1
cg22960901	PTPRN2,PTPRN2	0.0185588	0.0434891	0.412592	-2.4237	0.250382	0.632548	-1.58091	0.0857159	0.4847	-2.06313	0.724736	1.14432	1.14432	0.00130325	0.16773	5.96197	0.0407363	0.406251	-2.46153	0.00593047	0.253529	-3.94433	0.926441	0.965401	-1.03584	0.14527	0.550804	-1.81553	4.82519	11.1116	2.04696	1
cg00535735	PTPRN2,PTPRN2	0.0185825	0.1534567	0.686753	-1.45617	0.0127398	0.496586	-2.32908	0.0232741	0.54031	-1.8505	0.0400331	0.612077	1.64031	0.0400331	0.612077	1.6341	0.153735	1.78265	1.78265	0.0138318	1.55888	1.55888	0.0138318	1.77131	1.77131	0.0099988	1.244717	1.244717	4.88645	4.84329	13.8433	2.53327	1
cg22056595	PTPRN2,PTPRN2	0.0186115	0.172092	0.48331	1.48331	0.385467	0.72296	-1.27296	0.0549499	0.55505	-1.80164	0.114971	1.5919	1.5919	0.14982	0.860995	-1.16145	0.0954204	0.64364	1.64364	0.354841	1.29166	1.29166	0.0009704	2.48952	3.78772	0.387772	0.644078	1.75698	4.82508	5.61764	1.03586	1
cg03541126	PTPRN2,PTPRN2	0.0187159	0.785847	0.903386	-1.10695	0.105146	1.9359	1.9359	0.434264	0.74256	-1.34669	0.383911	0.716712	-1.39526	0.0732657	0.474648	-2.10683	0.552984	0.799386	-1.25096	0.00283008	0.215704	-4.63599	0.445066	0.747941	-1.337	0.00235445	0.20533	-4.8702	4.81149	10.6061	1.9594	1
cg20104435	PTPRN2,PTPRN2	0.0188613	0.1992642	0.7138	1.4288	0.4168686	1.32908	1.32908	0.0217	1.54031	1.54031	0.0400331	0.612077	1.64031	0.0400331	0.612077	1.6341	0.0038739	1.1258	1.1258	0.00775695	1.97444	1.97444	0.142824	1.23447	1.23447	0.105213	1.26713	1.26713	4.79889	1.39045	0.251808	1
cg16627193	PTPRN2,PTPRN2	0.0188626	0.0215699	0.282112	-3.5447	0.119767	0.461158	-2.16845	0.00865841	0.21554	-4.6395	0.80427	0.892381	-1.1206	0.0583145	0.810564	2.58703	0.148417	0.810439	-1.2339	0.00442176	0.175175	-5.7087	0.583145	1.28936	1.28936	0.0179117	0.26731	-3.74048	4.79882	15.9811	2.9602	1
cg25910261	PTPRN2,PTPRN2	0.0189154	0.123852	1.19101	1.19101	0.6004482	0.760144	-1.31544	0.0944	1.24779	1.24779	0.0961888	1.31882	1.31882	0.0681717	0.72881	-1.37211	0.0162424	1.19884	1.19884	0.0023706	2.36181	2.36181	0.0103993	1.52233	1.52233	0.1178162	1.47826	1.47826	0.47206	0.842142	1.49258	0.442054	1
cg08597719	PTPRN2,PTPRN2	0.0193047	0.0830571	0.713056	-1.36415	0.0169461	0.624202	-1.60204	0.250801	0.823515	-1.21431	0.625252	0.923436	-1.08291	0.389493	0.867014	-1.15338	0.0899965	1.35039	1.35039	0.0390093	1.472	1.472	0.142674	0.77494	-1.29042	0.00491095	0.547124	-1.82774	4.76136	1.9746	0.368635	1
cg24245130	PTPRN2,PTPRN2	0.0193942	0.874074	1.04649	1.04649	0.9370058	0.918597	-1.2216	0.147765	0.806561	-1.23996	0.136096	0.396561	-2.52133	0.0184962	0.415612	2.4068	0.439217	1.25635	1.25635	0.0494232	1.36262	1.36262	0.0494232	1.45185	0.0336562	0.688555	0.903099	-1.10744	5.06232	2.19629	0.393099	1
cg00572756	PTPRN2,PTPRN2	0.0195349	0.940428	0.81284	-1.01284	0.728094	0.710614	-1.40723	0.000448758	0.588599	-1.69853	0.0028614	0.528614	-1.89161	0.0176827	0.630021	-1.58641	0.187714	0.787882	-1.26923	0.613717	0.190081	5.26158	0.0154605	0.674345	-1.48292	0.474228	0.710614	-1.40723	4.78292	4.70128	0.410527	1
cg16068431	PTPRN2,PTPRN2	0.0197345	0.193778	1.33989	1.33989	0.260331	0.778926	-1.28382	0.00640512	0.47011	-2.12716	0.560957	0.866522	-1.15404	0.415826	0.837801	-1.1936	0.49675	1.15816	1.15816	0.00295889	2.38252	2.38252	0.193141	1.34051	1.34051	0.881687	0.968805	-1.0322	4.72596	3.38933	0.637486	1
cg28138171	PTPRN2,PTPRN2	0.0197863	0.0745419	0.614414	-1.62705	0.3010241	0.915313	-1.09258	0.640253	0.949255	-1.05293	0.417651	1.03136	1.03136	0.0201512	0.144307	6.9302	0.0973866	1.32012	1.32012	1.5	1.5	1.5	0.0174009	1.1	-1.0386	0.1022311	0.0515547	0.745842	-1.34077	5.1194	2.110423	0.246508	1
cg23066280	PTPRN2,PTPRN2	0.0198397	0.0776444	0.231083	-4.32744	0.0106487	0.0269588	-37.0936	0.352886	0.285188	-2.0442	0.412663	1.86947	1.86947	0.148778	0.314509	3.17956	0.0793787	0.981253	-1.0191	0.382361	0.512117	-1.95268	0.0149917	0.107108	-9.33633	0.215321	0.64911	2.64911	4.71744	4.61894	7.38537	1
cg04087039	PTPRN2,PTPRN2	0.0198765	0.5005082	-1.99756	0.431606	1.225312	1.225312	0.420873	0.835499	-1.19685	-1.41815	0.00426076	0.242908	-4.11678	0.0041	0.532821	1.87597	0.705145	0.09583	0.783029	0.93402	-1.07054	0.976228	1.00757	1.00757	0.54647	0.889599	-1.14996	4.71447	4.78259	0.902242	1
cg15374582	PTPRN2,PTPRN2	0.0199549	0.0014489	0.507073	-1.97211	0.374286	1.51159	-1.17487	0.0659353	0.44681	-2.23809	0.0158657	0.481681	0.830842	0.915657	-1.09216	0.02594	0.626748	1.59549	1.59549	1.5	1.5	1.5	0.0174009	1.1	1.2886	0.723392	1.06481	1.06481	0.7457	-1.15871	0.0248833	0.623747	1.04321	4.68894	2.31899	0.439614	1
cg10473311	PTPRN2,PTPRN2	0.0202864	0.129257	0.553933	-1.80527	0.422861	1.34314	1.34314	0.293998	1.48031	1.48031	0.0703602	2.98708	2.98708	0.926778	0.971543	-1.02929	0.545946	1.2116	1.2116	0.0003	0.0078223	0.165708	0.03	0.0003	0.0003	0.177114	1.17714	0.0207702	0.366749	-2.72666	4.68187	9.62948	1.82823	1
cg21459816	PTPRN2,PTPRN2	0.0205669	0.811222	1.09331	1.09331	0.7152	1.29139	1.29139	0.048193	1.16352	1.16352	0.2536	1.32628	1.32628	0.124418	0.206614	3.6876	0.0727504	0.753425	1.32748	0.0344347	2.222755	-4.48924	0.0995519	0.93922	-1.06502	0.481017	0.800402	-1.24937	4.68208	2.70627	0.514078	1
cg24998459	PTPRN2,PTPRN2	0.0213503	0.635846	1.09149	1.09149	0.390093	1.17543	1.17543	0.00907201	0.544122	-1.83782	0.748594	1.06079	1.06079	0.00100323	0.40807	-2.45056	0.413649	1.16657	1.16657	0.315071	0.826414	-1.21005	0.911549	0.979812	-1.0206	0.747726	0.942492	-1.06302	4.60094	2.45451	0.474204	1
cg09833475	PTPRN2,PTPRN2	0.0213792	0.817674	-1.22239	0.799008	0.957068	-1.04486	0.220873	0.806635	-1.24901	0.707144	0.936874	-1.06738	0.00093483	2.14784	2.14784	2.14784	0.004839	0.779548	-1.02888	0.0374498	1.53766	1.53766	0.0612951	1.37772	1.37772	0.25385	0.813938	-1.22859	4.67444	2.17001	0.424024	1
cg01329577	PTPRN2,PTPRN2	0.0214987	0.0418106	0.363227	-2.7531	0.00149256	0.138509	-7.21976	0.0171202	0.285261	-3.50557	0.0175323	0.287128	-3.48277	0.0533774	0.383772	-2.60763	0.3736	0.674182	1.48328	0.117289	0.479811	-2.08415	0.0984551	0.457384	-2.18635	0.0310995	0.335467	2.98092	4.59005	13.5453	2.62312	1
cg00766510	PTPRN2,PTPRN2	0.0215091	0.192643	1.86038	1.86038	0.626241	1.24729	1.24729	0.482932	1.37854	1.37854	0.33173	1.56654	1.56654	0.00122847	0.11904	-8.40051	0.539867	1.32235	1.32235	0.0155149	3.56404	3.56404	0.309431	1.6057	1.6057	0.575701	1.28991	1.28991	4.58929	14.7234	2.85349	1
cg04976245	PTPRN2,PTPRN2	0.0215362	0.1505534	0.644213	-1.55227	0.0944182	0.512337	-1.95202	0.278862	0.654185	-1.5834	0.1941795	1.02736	1.02736	0.224814	0.401994	-2.48806	0.0220883	0.190551	-5.24795	0.0194205	0.0366268	0.0911156	0.101727	0.0329883	0.190551	-5.24795	0.0194205	0.0366268	0.0911156	0.101727	-4.0138	-4.5874	2.36565	5.23144	6.21868	1.56283	1
cg07010099	PTPRN2,PTPRN2	0.0220003	0.793117	1.08208	1.08208	0.729416	0.88494	1.80894	0.165184	1.55939	1.55939	0.535288	1.20734	1.20734	0.0003	0.0955027	1.25725	-4.43291	0.0876066	1.76103	1.76103	0.078014	0.0991764	-1.0089	0.955027	1.01707	1.01707	0.827297	1.06777	1.06777	4.55392	6.49623	1.26801	1
cg25143206	PTPRN2,PTPRN2	0.0220794	0.527464	1.3094	1.3094	0.3944779	1.21501	1.21501	0.0428673	1.38555	1.38555	0.499234	1.21674	1.21674	0.592359	1.21674	1.16717	0.0158517	1.31089	1.31089	0.0003204	1.88722	1.88722	0.0171347	1.43655	1.43655	0.0003204	1.88722	1.88722	0.0171347	1.43655	2.48563	1.03218	0.215748	1
cg13369686	PTPRN2,PTPRN2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg25892112	PTPRN2;PTPRN2;PTPRN2	0.0381689	0.15223	0.762738	-1.31107	0.705162	0.935075	-1.06943	0.133526	0.748482	-1.33425	0.90005	1.02244	1.0205424	0.519454	-1.9251	0.0897585	0.722196	-1.37515	0.0053284	0.532964	-1.91218	0.253396	0.810357	-1.23448	0.0337811	0.645349	-1.54921	1.74705	1.85078	0.430049	1
cg05124021	PTPRN2;PTPRN2;PTPRN2	0.0387096	0.560022	0.753361	-1.32739	0.0324633	3.33047	1.33047	0.0841557	0.399216	-2.50491	0.278174	0.581639	-1.71928	0.706296	0.833662	-1.19953	0.582595	1.3057	1.3057	0.00634392	0.51595	1.51595	0.102664	2.35881	2.35881	0.296923	0.594707	-1.6815	1.327779	1.63446	3.25115	1
cg01633442	PTPRN2;PTPRN2;PTPRN2	0.0387457	0.121858	0.628795	-1.59034	0.0796925	0.583858	-1.71275	0.196477	1.45915	1.45915	0.699561	0.898267	-1.11325	0.00218928	0.304631	-3.28266	0.7902	1.07656	1.07656	1.03039	1.57141	1.57141	0.550912	0.84625	-1.18168	0.567129	0.852107	-1.17356	3.72652	4.51776	1.07762	1
cg11183535	PTPRN2;PTPRN2;PTPRN2	0.0395928	0.369755	0.840747	-1.18942	0.981133	1.004481	1.00448	0.121586	1.83173	1.37173	0.776792	1.055	1.055	0.322689	0.82449	-1.21214	0.0060288	0.508818	-1.96563	0.00785882	0.526073	-1.90088	0.12856	0.733907	-1.36255	0.242186	0.794137	-1.25926	3.697044	2.07671	0.49931	1
cg19208749	PTPRN2;PTPRN2;PTPRN2	0.0397675	0.657885	1.10918	1.10918	0.0323256	1.79094	1.79094	0.0758742	1.58306	1.58306	0.0241812	1.86816	1.86816	0.206554	0.733619	-1.3631	0.0662049	1.61466	1.611466	0.112946	0.669546	-1.49355	0.730172	0.922652	-1.08383	0.0420961	1.723381	1.69105	3.1605	0.76112	1
cg12054171	PTPRN2;PTPRN2;PTPRN2	0.0399637	0.89826	0.980322	-1.02007	0.78193	1.04405	1.04405	0.834593	0.968038	-1.03302	0.118413	0.768493	0.0001335	0.0182358	0.64074	-1.56069	0.0568976	0.715499	-1.39763	0.0345895	1.46641	1.46641	0.268959	0.836215	-1.19586	0.0159536	0.632263	-1.58162	3.684637	1.40846	0.339805	1
cg15572489	PTPRN2;PTPRN2;PTPRN2	0.0400333	0.0410025	0.223436	-4.47556	0.0261297	0.186907	-5.35024	0.0908116	0.306076	-3.26716	0.0813677	0.292972	-3.4133	0.0511336	0.243779	-4.10208	0.103959	0.323108	-3.09494	0.0115493	0.134371	-7.44207	0.0084154	0.117815	-8.4879	0.064391	0.267014	-3.74512	3.682201	23.5496	5.6852	1
cg18664043	PTPRN2;PTPRN2;PTPRN2	0.0400621	0.0266975	0.451073	-2.21694	0.311588	1.17337	1.17337	0.0135024	0.986502	-2.58604	0.367282	1.32421	1.32421	0.0310762	0.642242	-1.55405	0.623753	0.60123	-1.66374	0.0821275	0.555266	-1.79974	0.417884	1.28312	1.28312	0.203643	0.665576	-1.50204	5.681103	5.35964	1.29424	1
cg09040942	PTPRN2;PTPRN2;PTPRN2	0.0407293	0.833242	1.18555	1.18555	0.138005	1.65941	1.65941	0.909234	0.514042	-1.06644	0.434776	1.90281	1.90281	0.00730521	0.0764044	-13.3432	0.425529	0.581451	-1.92882	0.0307025	0.0612696	-16.3213	0.927236	1.07652	1.07652	0.265373	0.184133	-5.43085	5.65868	37.7627	0.17459	1
cg09966375	PTPRN2;PTPRN2;PTPRN2	0.0408148	0.0869644	0.57347	-1.74377	0.0236188	0.451572	-2.21449	0.890119	0.960152	-1.0415	0.806902	0.930495	-1.0747	0.0209888	0.441806	-2.26344	0.557697	0.839945	-1.19055	0.00679401	0.356359	-2.80616	0.0131232	0.404595	-2.47161	0.225849	0.687881	-1.45374	3.655585	5.010558	1.21828	1
cg14010644	PTPRN2;PTPRN2;PTPRN2	0.0410364	0.113155	0.508017	1.96807	0.0107345	1.95383	1.95383	0.0722007	0.942174	-1.06138	0.709943	1.12616	1.12616	0.0178403	0.888452	-1.12545	0.0609882	1.16059	1.16059	0.0453499	0.12616	-7.92515	0.0584571	1.24437	1.24437	0.0265847	0.378645	-2.64099	3.648454	7.88888	1.92198	1
cg08492145	PTPRN2;PTPRN2;PTPRN2	0.0411301	0.46652	0.771644	-1.29593	0.769757	0.902415	-1.10814	0.318141	0.696981	-1.43474	0.941797	0.97537	-1.02565	0.0896305	0.175616	-5.69424	0.137008	0.570988	-1.75146	0.249759	0.13106	-7.63195	0.0447759	0.153041	1.36078	0.0354547	0.535311	-1.86807	3.645747	7.06664	1.72309	1
cg21615210	PTPRN2;PTPRN2;PTPRN2	0.0413418	0.0209014	0.530562	-1.88509	0.0232241	0.210307	1.90205	0.0539228	0.408351	-2.44888	0.304189	0.640905	-1.56082	0.0109238	0.316364	-3.16091	0.346683	0.527577	-1.89582	0.0062014	0.232093	-4.30802	0.0302338	0.597379	-1.67398	0.0399375	0.378345	-2.64309	3.643855	9.55433	2.55853	1
cg20802834	PTPRN2;PTPRN2;PTPRN2	0.0413676	0.105089	0.753291	-1.32751	0.0261084	0.655556	-1.52542	0.0546063	1.41735	1.41735	0.101901	0.750947	-1.33165	0.294522	0.840364	-1.18996	0.41271	0.874614	-1.14336	0.0131587	1.49773	-1.49773	0.354906	0.858779	-1.16444	0.148734	0.780554	-1.28114	3.637751	1.47435	0.360264	1
cg22620803	PTPRN2;PTPRN2;PTPRN2	0.0414121	0.0316469	0.598032	-1.67215	0.665239	0.914998	-1.0929	0.0102197	0.516473	-1.93621	0.0139877	0.538316	-1.85764	0.0589137	0.647078	-1.54541	0.968162	0.991889	-1.00818	0.321587	1.23239	1.23239	0.334739	1.22507	1.22507	0.696617	0.923159	-1.08316	3.632636	2.39802	0.5862	1
cg24258098	PTPRN2;PTPRN2;PTPRN2	0.0415122	0.777656	1.05024	1.05024	0.0621261	0.655739	-1.525	0.0644564	0.990577	-1.00951	0.946695	1.01165	1.01165	0.156746	1.29989	1.29989	0.202884	1.54001	1.54001	0.0432242	1.93582	1.93582	0.855616	0.968952	-1.03204	0.809818	0.95911	1.04263	3.61032	1.7253	0.422128	1
cg22517801	PTPRN2;PTPRN2;PTPRN2	0.0416489	0.699445	0.872603	-1.146	0.393185	1.35969	1.35969	0.208604	1.59304	1.59304	0.589201	1.21107	1.21107	0.00103459	0.18145	-5.51117	0.967185	1.01456	1.01456	0.430681	1.3265	1.3265	0.624839	0.841034	-1.18901	0.439677	0.758174	-1.31896	3.628959	7.09141	1.73717	1
cg11417319	PTPRN2;PTPRN2;PTPRN2	0.0416501	0.157408	0.790145	-1.26539	0.287471	1.18775	1.18775	0.241989	0.826361	-1.2102	0.33057	0.853399	1.0021	0.0101762	0.642242	-1.55405	0.461638	1.12384	1.12384	0.00408722	0.55148	-1.8133	0.179097	0.800636	-1.24901	0.011073	0.608769	-1.64266	3.628566	1.5948	0.341684	1
cg12724498	PTPRN2;PTPRN2;PTPRN2	0.04172	0.00178079	0.0987569	-10.1259	0.163289	2.3657	2.3657	0.0135067	0.945418	-1.058	0.353867	0.931769	0.64936	0.163596	0.887794	1.07625	0.307155	1.7452	1.7452	0.0135067	2.49681	2.49681	0.687097	1.23382	1.23382	0.978154	0.985949	-1.01435	3.6263	15.5593	3.81394	1
cg06778662	PTPRN2;PTPRN2;PTPRN2	0.0423285	0.310337	0.682929	-1.46428	0.0182809	0.353259	-2.83078	0.356073	0.708322	-1.41179	0.343165	0.701331	-1.42586	0.00820488	0.292676	-3.41674	0.100438	0.520081	-1.92278	0.613202	0.830949	-1.20344	0.0288582	0.392112	-2.55029	0.00756121	0.286979	-3.48458	3.606489	7.53933	1.85801	1
cg13531687	PTPRN2;PTPRN2;PTPRN2	0.0426416	0.0369714	1.59756	1.59756	0.0139304	2.80299	2.80299	0.372967	1.31948	1.31948	0.308842	0.816097	-1.22535	0.0199042	0.72015	-1.38894	0.0819107	1.25135	1.25135	0.0199042	1.72121	1.72121	0.183717	1.35717	1.35717	0.767247	0.944219	-1.05908	0.369053	0.836607	-1.1953	3.597003	2.13038	0.526453	1
cg05224804	PTPRN2;PTPRN2;PTPRN2	0.0429957	0.441881	0.808866	-1.2363	0.561368	0.853115	-1.17217	0.0153281	0.447028	-2.23699	0.0191845	0.464621	-2.15229	0.00835656	0.348809	-2.8669	0.164291	0.66937	-1.49394	0.477911	0.121553	0.252069	0.727533	-1.38402	0.675883	0.892489	-1.12046	3.58598	4.15586	1.03015	1
cg00716508	PTPRN2;PTPRN2;PTPRN2	0.0430149	0.430179	0.720911	-1.38709	0.0215243	0.205983	3.2287	0.0153281	0.128219	0.83129	0.0178528	0.156755	0.0667566	0.00001	0.0047288	-211.496	0.178775	1.41249	1.41249	0.0667566	0.12508	-7.99361	0.0213777	0.15871	0.15871	0.0132821	0.782482	-1.27799	3.636439	3.81704	0.82293	1
cg20705893	PTPRN2;PTPRN2;PTPRN2	0.0430843	0.0136303	-1.203143	-4.92264	0.00819489	0.170863	-5.85266	0.198018	0.491354	-2.03519	0.160805	0.464288	-2.15384	0.0440824	0.298728	-3.34752	0.321957	0.586016	-1.70644	0.00751009	0.165781	-6.03207	0.380041	0.624806	-1.6005	0.138777	0.435049	-2.29859	3.58324	15.4813	3.84043	1
cg13241121	PTPRN2;PTPRN2;PTPRN2	0.0434211	0.0330287	1.45153	1.45153	0.514397	0.911977	-1.09652	0.0426865	0.722413	-1.38425	0.253261	1.1809	1.1809	0.0901	1.07875	1.07875	0.816923	1.03284	1.03284	0.00407291	1.71141	1.71141	0.422196	1.12101	1.12101	0.722071	0.951033	1.05103	3.57287	1.09894	0.273404	1
cg14362920	PTPRN2;PTPRN2;PTPRN2	0.0436391	0.0343268	1.45787	1.45787	0.504254	0.920968	-1.08574	0.0422401	0.707927	-1.41296	0.185867	1.13606	1.13606	0.0158567	1.58455	1.58455	0.247189	1.74113	1.74113	0.0158567	2.12144	2.12144	0.321145	1.02369	1.02369	0.926305	0.520201	0.857173	-1.16663	3.56241	1.31734	0.786078	1
cg21375490	PTPRN2;PTPRN2;PTPRN2	0.0437508	0.0487631	0.678922	-1.47292	0.0813844	1.39429	1.39429	0.00868548	0.562435	-1.77798	0.635674	0.921166	-1.08558	0.782253	0.953447	-1.04883	0.0976558	0.731312	-1.3674	0.0870161	1.38427	1.38427	0.381607	0.856926	-1.16696	0.249588	0.812983	-1.23004	3.56281	1.67057	0.416793	1
cg14468481	PTPRN2;PTPRN2;PTPRN2	0.0441715	0.0255618	0.591258	-1.69129	0.0183234	1.3542	1.3542	0.0124258	0.468946	-2.1279	0.376958	0.834412	-1.19845	0.0894525	0.211727	-4.72249	0.486546	1.17265	1.17265	0.0124258	1.84654	1.84654	0.552611	1.15591	1.15591	0.527796	0.90281	-1.10741	3.560211	1.55824	0.388555	1
cg00423815	PTPRN2;PTPRN2;PTPRN2	0.0445535	0.470027	1.14059	1.14059	0.128419	0.745177	-1.34196	0.0892018	0.715014	-1.39857	0.226935	0.908246	1.02026	-1.20989	0.0729384	0.20734	0.0744284	0.448609	-2.22933	0.0892018	0.310616	1.20656	1.20656	0.0298099	0.27354	-3.65548	0.0357057	0.597756	1.00545	3.5187	1.79538	0.450983	1
cg18601426	PTPRN2;PTPRN2;PTPRN2	0.0446049	0.064763	2.46041	2.46041	0.00891265	4.23891	4.23891	0.017213	0.52468	3.52468	0.2909	1.60952	1.60952	0.952967	1.02593	1.02593	0.0531584	2.59503	2.59503	0.736125	0.8634	-1.15813	0.0248351	3.18781	3.18781	0.711796	0.851237	-1.17476	3.53718	10.55328	2.65217	1
cg26880761	PTPRN2;PTPRN2;PTPRN2	0.0446913	0.686098	1.10181	1.10181	0.17043	0.345366	-2.89542	0.0156644	0.189388	-5.28008	0.0373967	0.180959	-5.52615	0.0194792	0.0401	-24.9379	0.0224038	1.14975	1.14975	0.0156644	1.6041	1.6041	0.513863	0.889804	-1.12381	0.656124	0.695308	-1.43821	3.534561	1.73976	0.413753	1
cg03900492	PTPRN2;PTPRN2;PTPRN2	0.044959	0.0395003	0.54586	-1.80226	0.0224289	0.508392	-1.96699	0.162368	0.66428	-1.50539	0.721601	0.915123	-1.09275	0.0130673	0.466963	2.1415	0.042797	0.567137	-1.78019	0.103491	0.643755	-1.55339	0.504142	0.84573	-1.18241	0.0093411	0.443447	-2.26016	3.526373	3.41719	0.861279	1
cg05482502	PTPRN2;PTPRN2;PTPRN2	0.0450199	0.623804	0.847102	-1.18042	0.0103161	0.202958	-4.92581	0.0138382	0.135564	-7.37483	0.0266568	0.135576	0.0607971	-7.37223	0.0192552	0.0197137	0.0703133	1.42406	1.42406	0.0138382	0.74013	-1.35106	0.407883	0.732667	-1.36495	0.0757496	0.439453	-2.27609	3.526373	3.31704	0.82893	1
cg19434087	PTPRN2;PTPRN2;PTPRN2	0.0453634	0.361158	0.733275	-1.36374	0.243221	0.667931	-1.49716	0.506246	0.800204	-1.24968	0.735777	1.11844	1.11844	0.00598217	0.3050202	3.27867	0.229337	0.6591	-1.51722	0.150129	0.60059	-1.66503	0.0172852	2.60741	2.60741	0.645882	1.16522	1.16522	3.51492	0.08034	1.53766	1
cg02860108	PTPRN2;PTPRN2;PTPRN2	0.0455107	0.0297274	0.54364	1.54364	0.958143	1.00895	0.108895	0.166066	0.778324	-1.28481	0.189866	0.790085	-1.26569	0.176049	0.783407	-1.27648	0.629244	1.08605	1.08605	0.00617992	1.81301	1.81301	0.805228	0.958943	-1.04281	0.331185	0.843554	-1.18546	3.510165	1.60095	0.405358	1
cg15727173	PTPRN2;PTPRN2;PTPRN2	0.045553	0.00595922	0.0994	1.00594	0.0107351	0.2009	1.7884	0.0079796	0.0672222	-14.8539	0.0366068	0.673222	-1.48539	0.0366068	0.0743243	-13.4569	0.0568663	1.99787	1.99787	0.74252	1.11167	1.11167	0.850244	0.941107	-1.06258	0.0561225	0.499222	-2.00313	3.507779	5.72915	1.45179	1
cg05437294	PTPRN2;PTPRN2;PTPRN2	0.0456632	0.0179357	0.0905	-11.0579	0.0244433	0.645683	-1.54875	0.235882	0.833383	-1.6303	0.941297	0.977442	-1.0294	0.0804015	0.218417	-4.57839	0.193774	0.4982	-2.00723	0.0278808	0.260534	-3.83908	0.0240035	0.413114	-2.42033	0.0770564	0.442317	-2.26102	3.504148	8.64374	2.17884	1
cg26702978	PTPRN2;PTPRN2;PTPRN2	0.0459798	0.200561	0.679525	-1.47162	0.616656	0.865685	-1.15515	0.145385	0.639667	-1.56331	0.368393	1.30216	1.30216	0.0581244	1.356175	2.80761	0.315819	0.743501	-1.34499	0.0562666	0.854769	1.85479	0.840551	0.50892	-1.96495	0.564116	0.846517	-1.18131	3.497216	1.52338	0.414723	1
cg16370537	PTPRN2;PTPRN2;PTPRN2	0.0460772	0.112882	1.23992	1.23992	0.131714	1.22479	1.22479	0.918698	1.0128	1.0128	0.0448784	1.33228	1.33228	0.0571586	1.30758	1.30758	0.0195153	1.4216	1.4216	0.0102676	1.49651	1.49651	0.722362	0.956515	-1.04546	0.293552	0.87351	-1.14481	3.494439	0.859473	0.21863	1
cg12914511	PTPRN2;PTPRN2;PTPRN2	0.0463443	0.8683133	1.07293	1.07293	0.0790161	1.56163	1.56163	0.166167	0.227668	-2.67874	0.155834	0.361861	-2.76468	0.0498959	0.0127888	3.08504	0.160539	1.32482	1.32482	0.166167	2.13855	2.13855	0.0227888	1.23037	1.23037	0.0265229	0.279011	-3.58404	3.493417	-2.15667	0.57215	1
cg13736939	PTPRN2;PTPRN2;PTPRN2	0.0466314	0.471843	0.878708	-1.13803	0.470659	0.878394	-1.13844	0.187989	0.781538	-1.27953	0.158728	0.766318	-1.30494	0.202669	1.26824	1.26824	0.0700755	1.42878	1.42878	0.0187244	1.74423	1.74423	0.643755	1.10263	1.10263	0.788	1.2888	1.2888	0.0904616	0.719322	-1.3904	3.478771	1.71982	0.439452	1
cg25607236	PTPRN2;PTPRN2;PTPRN2	0.0466823	0.221854	1.29268	1.29268	0.0320421	0.920968	1.08574	0.0422401	0.707927	-1.41296	0.185867	1.13606	1.13606	0.0158567	1.58455	1.58455	0.247189	1.74113	1.74113	0.0158567	2.12144	2.12144	0.321145	1.02369	1.02369	0.926305	0.520201	0.857173	-1.16663	3.56241	1.31734	0.786078	1
cg03108120	PTPRN2;PTPRN2;PTPRN2	0.046794	0.205953	0.647237	-1.54503	0.0198179	2.50251	2.50251	0.517106	0.807212	-1.23883	0.464162	1.27499	1.27499	0.312213	0.711142	-1.40619	0.942953	1.02361	1.02361	0.105561	0.561835	-1.77988	0.28312	1.43856	1.43856	0.00923918	0.3405	-2.93685	3.474616	3.58031	1.49685	1
cg12914511	PTPRN2;PTPRN2;PTPRN2	0.0463443	0.8683133	1.07293	1.07293	0.0790161	1.56163	1.56163	0.166167	0.227668	-2.67874	0.155834	0.361861	-2.76468	0.0498959	0.0127888	3.08504	0.160539	1.32482	1.32482	0.166167	2.13855	2.13855	0.0227888	1.23037	1.23037	0.0265229	0.279011	-3.58404	3.493417	-2.15667	0.57215	1
cg13736939	PTPRN2;PTPRN2;PTPRN2	0.0466314	0.471843	0.878708	-1.13803	0.470659	0.878394	-1.13844	0.187989	0.781538	-1.27953	0.158728	0.766318	-1.30494	0.202669	1.26824	1.26824	0.0700755	1.42878	1.42878	0.0187244	1.74423	1.74423	0.643755	1.10263	1.10263	0.788	1.2888	1.2888	0.0904616	0.719322	-1.3904	3.478771	1.71982	0.439452	1
cg25607236	PTPRN2;PTPRN2;PTPRN2	0.0466823	0.221854	1.29268	1.29268	0.0320421	0.920968	1.08574	0.0422401	0.707927	-1.41296	0.185867	1.13606	1.13606	0.0158567	1.58455	1.58455	0.247189	1.74113	1.74113	0.0158567	2.12144	2.12144	0.321145	1.02369	1.02369	0.926305	0.520201	0.857173	-1.16663	3.56241	1.31734	0.786078	1
cg03108120	PTPRN2;PTPRN2;PTPRN2	0.046794	0.205953	0.647237	-1.54503	0.0198179	2.50251	2.50251	0.517106	0.807212	-1.23883	0.464162	1.27499	1.27499	0.312213	0.711142	-1.40619	0.942953	1.02361	1.02361	0.105561	0.561835	-1.77988	0.28312	1.43856	1.43856	0.00923918	0.3405	-2.93685	3.474616	3.58031	1.49685	1
cg12885678	PTPRN2;PTPRN2;PTPRN2	0.0468462	0.249053	1.44532	1.44532	0.0499473	0.134736	-7.42259	0.0138382	0.135564	-7.37483	0.0266568	0.135576	0.0607971	-7.37223	0.0192552	0.0197137	0.0703133	1.42406	1.42406	0.0138382	0.74013	-1.35106	0.407883	0.732667	-1.36495	0.0757496	0.439453	-2.27609	3.526373	3.31704	0.82893	1
cg26048877	PTPRN2;PTPRN2;PTPRN2	0.0470488	0.95778	0.97651	-1.02359	0.0917929	2.18274	2.18274	0.363653	0.74233	-1.34697	0.0925	0.52503	0.45152	-2.21425	0.0724343	1.38056	0.371819	0.68054	-1.47047	0.0454329	0.214766	-4.65617	0.499919	0.749792	-1.3337	0.0450352	0.380157	-2.63049	3.46706	0.79071	2.48939	1
cg06819373	PTPRN2;PTPRN2;PTPRN2	0.0471448	0.0574636	0.233243	-4.28738	0.34503	0.51742	-1.93267	0.0420181	0.20446	-4.89093	0.0707168	0.254569	-3.92822	0.184294	0.385159	-2.59633	0.230952	0.426848	-2.34275	0.00257406	0.0589324	-16.9686	0.166656	0.368246	-2.71558	0.0266959	0.168825	-5.9233	3.4644	25.1836	6.46155	1
cg01590095	PTPRN2;PTPRN2;PTPRN2	0.0471645	0.0896196	0.884134	-1.13101	0.0708403	0.503986	-1.98354	0.0556916	0.594792	-1.6813	0.0784792	0.7403	0.03675	0.94905	0.0105	-95.2381	0.0224038	1.14975	1.14975	0.0156644	1.6041	1.6041	0.513863	0.889804	-1.12381	0.656124	0.695308	-1.43821	3.534561	1.73976	0.413753	1
cg11053171	PTPRN2;PTPRN2;PTPRN2	0.0472911	0.103548	0.661646	-1.51138	0.608425	0.12736	-7.85134	0.0166667	0.507572	-1.97016	0.43626	0.83172	-1.20233	0.116826	0.673498	1.48478	0.638708	0.909348	-1.09969	0.0244213	0.375911	-2.6602	0.632093	0.894125	-1.11841	0.0239411	0.446237	-2.26016	3.526373	3.41719	0.861279	1
cg08537454	PTPRN2;PTPRN2;PTPRN2	0.0473012	0.191683	0.743626	-1.34521	0.234402	1.30623	1.30623	0.669847	1.09628	1.09628	0.48517	0.858967	-1.16419	0.136302	0.708907	-1.41062	0.0792805	0.648356	-1.54234	0.0153307	1.92527	1.92527	0.0884291	0.668386	-1.49634	0.0669393	0.643216	-1.55469	3.48002	2.05174	0.564728	1
cg04963653	PTPRN2;PTPRN2;PTPRN2	0.0474147	0.033067	0.740332	-1.35074	0.132109	1.61348	1.61348	0.447552	1.26452	1.26452	0.0698864	-1.09907	0.0362501	0.736072	-1.35856	0.202999	0.373133	0.7477	-1.33756	0.0362501	0.159572	0.834162	-1.19881	0.0136991	1.45303	1.45303	0.0998171	1.00028	1.297273	1.877774	-1.13925	3.456957	0.796897	0.204907	1
cg02223801	PTPRN2;PTPRN2;PTPRN2	0.0475052	0.652957	1.08657	1.08657	0.123831	0.736606	-1.35758	0.0039537	0.491156	-2.03602	0.860661	0.969511	-1.03145	0.193466	1.28711	1.28711	0.546781	1.18135	1.18135	0.144493	1.33315	1.33315	0.838101	1.03824	1.03824	0.0678397	0.68717	-1.45504	3.456246	1.84071	0.473643	1
cg16326052	PTPRN2;PTPRN2;PTPRN2	0.0477533	0.2144695	0.571	-1.75087	0.0296968	0.2744	-3.64398	0.0170746	0.499664	2.00265	0.0241	0.744587	0.0176175	1.34347	0.0115676	2.70763	0.173104	0.476296	2.09958	0.0170746	0.13538	7.38923	0.0062522	0.117671	8.49714	0.0013158	0.12423	0.0446752	0.088548	1.01832	0.01824	0.44767	0.100595	0.285139	1
cg08514236	PTPRN2;PTPRN2;PTPRN2	0.0478358	0.219673	0.785287	-1.27342	0.603509	0.906536	-1.1031	0.716058	1.0708	1.0708	0.762713	0.944871	-1.05835	0.00933815	0.539328	-1.85416	0.153458	0.751086	-1.3314	0.0118698	1.8007	1.8007	0.189387	0.770783	-1.29738	0.703548	1.07422	1.07422	3.44543	1.91375	0.49373	1
cg07959864	PTPRN2;PTPRN2;PTPRN2	0.047981	0.950763	0.975999	-1.02459	0.284433	0.645683	-1.54875	0.235882	0.833383	-1.6303	0.941297	0.977442	-1.0294	0.0804015	0.218417	-4.57839	0.881503	0.940307	-1.06044	0.011126	2.80595	2.80595	0.174708	1.43527	1.43527	0.0795564	0.442317	-2.26102	3.504148	8.64374	2.17884	1
cg03170878	PTPRN2;PTPRN2;PTPRN2	0.0483463	0.959771	0.977423	-1.0231	0.932628	1.03922	1.03922	0.993059	1.00397	1.00397	0.598142	1.2738	1.2738	0.0180641	2.133776	2.47516	0.267473	1.39701	1.39701	0.0180641	2.64731	2.64731	0.0193707	2.54	2.54

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg05039004	PTPRU;PTPRU;PTPRU	0.0444111	0.0466231	40.6067	40.6067	0.0635696	29.6903	29.6903
cg07946260	PTPRV	0.0133653	0.60208	1.09292	1.09292	0.15293	0.772187	-1.29502
cg12055258	PTPRZ1	0.000723564	0.878221	1.05818	1.05818	0.156021	1.75025	1.75025
cg09657435	PTPRZ1	0.00289403	0.98451	1.00405	1.00405	0.014308	1.87591	1.87591
cg00826384	PTPRZ1	0.00578639	0.778266	1.0176	1.0176	0.393737	1.05549	1.05549
cg09070142	PTPRZ1	0.00878072	0.00770687	0.258101	-3.87445	0.877011	0.940571	-1.06318
cg06631603	PTPRZ1	0.0181266	0.0818693	0.644178	-1.55237	0.00249034	0.383393	-2.60829
cg10057817	PTPRZ1	0.0194101	0.119372	0.540198	-1.85117	0.0248986	0.378067	-2.64504
cg07132005	PTPRZ1	0.0319768	0.406924	1.30377	1.30377	0.0896905	0.557134	-1.7949
cg26235215	PTPRZ1;PTPRZ1	0.0490061	0.0128776	1.65815	1.65815	0.222244	0.810533	-1.23376
cg18449997	PTRF	0.00219506	0.351006	0.799619	-1.2506	0.0800278	0.636047	-1.57221
cg27576485	PTRF	0.0229438	0.0967328	3.96886	3.96886	0.494321	1.68998	1.68998
cg05624478	PTRF	0.0290392	0.313031	0.643516	-1.55396	0.339469	1.51571	1.51571
cg18183406	PTRF	0.030284	0.40168	1.42349	1.42349	0.0358693	2.73021	2.73021
cg19003733	PTRF	0.0360318	0.00201807	0.133873	-7.46975	0.91399	1.05114	1.05114
cg02054493	PTRH1	8.74E-05	0.0378388	0.707617	-1.41319	0.000562754	0.463999	-2.15518
cg14644065	PTRH1	0.0418289	0.0262216	3.81963	3.81963	0.0415841	0.302988	-3.30046
cg14305239	PTRH1;TTC16	0.0145381	0.257013	1.12207	1.12207	0.389463	1.08965	1.08965
cg21753834	PTRH1;TTC16	0.0305503	0.693585	0.966297	-1.03488	0.318461	1.09338	1.09338
cg03917887	PTRH1;TTC16	0.0360347	0.525559	1.06878	1.06878	0.119437	1.19092	1.19092
cg25915871	PTRH2	0.0394943	0.434295	0.803828	-1.24405	0.436257	1.24284	1.24284
cg23838308	PTRH2;TMEM49;TMEM49	0.00158702	0.000323319	0.386999	-2.58398	0.00450136	0.538957	-1.85544
cg14599203	PTS	1.37E-05	0.000323788	0.548114	-1.82444	0.000134586	0.504642	-1.9816
cg15594528	PTS	6.82E-05	5.47E-06	0.3793	-2.63643	0.0480463	0.808012	-1.23761
cg24615831	PTS	9.40E-05	0.158411	0.821001	-1.21803	0.119265	0.801595	-1.24751
cg12822818	PTS	0.0031438	0.0105226	0.551526	-1.81315	0.587803	0.90378	-1.10646
cg20666379	PTS	0.00520995	0.0185126	0.327011	-3.058	0.0178895	0.324244	-3.0841
cg15300101	PTS	0.0108708	0.0049169	0.240887	-4.15133	0.0298042	0.376523	-2.65588
cg17367077	PTTG1	0.00103262	0.000630098	0.209544	-4.77227	0.0158034	0.414987	-2.40971
cg09468767	PTTG1	0.00216431	6.39E-05	0.152627	-6.55193	0.0543005	1.6707	1.6707
cg15407784	PTTG1	0.0026014	0.146744	0.743814	-1.34442	0.00609265	0.506402	-1.97471
cg23024444	PTTG1	0.00496311	0.0809462	0.508235	-1.96759	0.0111693	0.328815	-3.04122
cg00116688	PTTG1	0.00883021	0.0747969	1.16733	1.16733	0.0830875	1.16136	1.16136
cg26775866	PTTG1	0.0352919	0.0965228	0.741168	-1.34922	0.0264749	0.649284	-1.54016
cg19619065	PTTG1	0.0404506	0.266637	1.19068	1.19068	0.0148016	1.57175	1.57175
cg12430567	PTTG1	0.0409253	0.784528	1.04071	1.04071	0.512896	1.10144	1.10144
cg17353057	PTTG1IP	6.54E-06	0.0313159	0.619475	-1.61427	1.57E-06	9.93596	9.93596
cg13521048	PTTG1IP	0.000147175	0.24838	0.70747	-1.41349	5.25E-06	19.3722	19.3722
cg01419679	PTTG1IP	0.000435723	0.620372	1.09747	1.09747	0.0002065	3.18241	3.18241
cg06112333	PTTG1IP	0.00188787	0.00698081	0.515085	-1.94143	0.0264084	0.606221	-1.64956
cg22434923	PTTG1IP	0.00266061	0.0179895	0.339654	-2.94417	0.0897273	0.495241	-2.01922
cg24996270	PTTG1IP	0.0100408	0.0597488	0.21004	-4.76099	0.0975301	3.77901	3.77901
cg25732426	PTTG1IP	0.010484	0.903091	0.984059	-1.0162	0.0015667	1.82097	1.82097
cg06438815	PTTG1IP	0.0129708	0.798912	0.967133	-1.03398	0.0143011	1.48506	1.48506
cg15876074	PTTG1IP	0.0135631	0.25123	0.861663	-1.16055	0.161727	1.20393	1.20393
cg12121965	PTTG1IP;PTTG1IP	0.0496102	0.142243	0.781753	-1.27918	0.233823	1.21507	1.21507
cg16370389	PTTG2;TBC1D1	0.0145234	0.673026	0.936395	-1.06792	0.00491677	0.561632	-1.78053
cg06979272	PTTG2;TBC1D1	0.0251345	0.149797	0.575193	-1.73855	0.35125	0.709203	-1.41003
cg00274357	PUF60;PUF60	0.0018323	0.231509	0.679222	-1.47227	0.0280502	0.449433	-2.22503
cg04618219	PUF60;PUF60;PUF60	0.00765107	0.0487318	0.651189	-1.53565	0.867759	0.968743	-1.03227
cg01692572	PUF60;PUF60;PUF60	0.0162863	0.37783	0.889028	-1.12482	0.222038	0.846342	-1.18156
cg05611801	PUF60;PUF60;PUF60	0.0241008	0.0377079	1.44494	1.44494	0.189201	0.80865	-1.23663
cg21967560	PUF60;PUF60;PUF60;PUF60	0.00902959	0.234716	2.05366	2.05366	0.030471	4.34602	4.34602
cg04286438	PUF60;PUF60;SCRIB;SCRIB;PUF60	0.00233603	0.365752	0.755298	-1.32398	0.234199	0.686178	-1.45735
cg08849613	PUM1;PUM1	4.85E-06	0.000343046	0.508023	-1.96842	0.0178568	0.713008	-1.40251
cg00035237	PUM1;PUM1	0.000110334	0.397051	0.887982	-1.12615	0.0248076	0.693492	-1.44198
cg00173776	PUM1;PUM1	0.00246752	0.00875979	0.384534	-2.60055	0.895809	0.963192	-1.03821
cg21861265	PUM1;PUM1	0.00629703	0.0995584	0.499959	-2.00017	0.835262	1.08325	1.08325
cg23653835	PUM1;PUM1	0.00713925	0.835533	1.07043	1.07043	0.852977	0.941074	-1.06262
cg04976330	PUM1;PUM1	0.0103543	0.0471834	0.450428	-2.22011	0.0534019	0.462754	-2.16098
cg03420846	PUM1;PUM1	0.0113524	0.0112057	0.432432	-2.3125	0.226396	1.39802	1.39802
cg24710886	PUM1;PUM1	0.0125955	0.177313	0.739208	-1.3528	0.243536	0.773243	-1.29325
cg10947764	PUM1;PUM1	0.0230101	0.525645	1.12721	1.12721	0.717234	0.934524	-1.07006
cg22015284	PUM1;PUM1	0.0362022	0.0371711	0.772344	-1.29476	0.0218232	1.34164	1.34164
cg02100343	PUM1;PUM1;PUM1;PUM1	0.0425319	0.328119	0.686126	-1.45746	0.207699	0.609097	-1.64178
ch.2.502715F	PUM2	0.00313613	0.0374336	0.430625	-2.32221	0.0107504	0.326871	-3.05931
cg22528172	PUM2	0.0209507	0.0421702	0.549301	-1.82049	0.0869338	0.616414	-1.62229
cg17383778	PUM2	0.0422031	0.949842	0.983704	-1.01657	0.00432528	0.369297	-2.70785
cg08659707	PUM2	0.044992	0.665448	1.10048	1.10048	0.278169	0.780222	-1.28169
cg23160717	PURA	0.000408893	0.347107	0.838681	-1.19235	0.359374	0.842615	-1.18678
cg27111970	PURA	0.00608362	0.109307	0.801019	-1.24841	0.0136249	1.47373	1.47373
cg15563057	PURA	0.00895897	0.31451	0.873866	-1.14434	0.00233923	1.73444	1.73444
cg14640670	PURA;PURA	0.0277812	0.0246419	0.390125	-2.56328	0.00297567	0.238427	-4.19415
cg01759437	PURB	0.0019952	0.610872	1.05031	1.05031	9.97E-05	0.516655	-1.93553
cg09928203	PURB	0.00792085	0.987703	1.00541	1.00541	0.0189034	3.50224	3.50224
cg04965426	PURB	0.0204753	0.149342	1.16575	1.16575	0.00300277	1.49729	1.49729
cg16770798	PURB	0.027233	?	?	?	0.433953	1.56666	1.56666
cg06561216	PURB	0.041226	0.179043	0.876155	-1.14135	0.485817	1.0678	1.0678
cg14212788	PURG	0.0115127	0.0614223	0.74441	-1.34335	0.058499	0.741256	-1.34906
cg03325522	PURG	0.0214425	0.0780466	0.423368	-2.36201	0.0127265	0.25692	-3.89226
cg18907656	PURG;PURG;PURG	0.00712138	0.535993	1.0992	1.0992	0.70083	0.943406	-1.05999
cg21604516	PURG;PURG;PURG;WRN	0.00900931	0.677527	0.940984	-1.06272	0.0884039	1.31449	1.31449
cg20533040	PURG;PURG;WRN	0.000468355	0.991059	1.00289	1.00289	0.0787487	0.605344	-1.65195
cg00697858	PURG;PURG;WRN	0.0029416	0.11694	0.61324	-1.63068	0.0195535	2.24818	2.24818
cg08494221	PURG;WRN	0.0152628	0.142554	0.658835	-1.51783	0.00156165	0.300167	-3.33148
cg01953819	PUS10	0.00550108	0.746266	1.04104	1.04104	0.238023	0.858015	-1.16548
cg09606208	PUS10	0.021704	0.0318322	0.302511	-3.30567	0.84095	0.908926	-1.1002
cg08359192	PUS10	0.0373728	0.0579282	0.411294	-2.43135	0.00727289	0.238145	-4.19913
cg19641266	PUS1;PUS1;PUS1	0.00247228	0.743373	1.06691	1.06691	0.120031	1.39441	1.39441
cg14510688	PUS1;PUS1;PUS1	0.00291318	0.00130285	0.332873	-3.00415	0.748133	1.07862	1.07862
cg15052214	PUS1;PUS1;PUS1	0.0039382	0.00259459	0.15641	-6.39345	0.00325641	0.168057	-5.95038
cg18765479	PUS1;PUS1;PUS1	0.0275979	0.217199	1.23137	1.23137	0.0414373	1.45789	1.45789
cg24775180	PUS1;PUS1;PUS1	0.0360442	0.0852692	0.781096	-1.28025	0.162346	0.823897	-1.21374
cg21270060	PUS1;PUS1;PUS1	0.0401033	0.0886504	0.560803	-1.78316	0.0333378	0.464925	-2.15088
cg05585129	PUS1;PUS1;PUS1;PUS1	0.0167333	0.00146045	0.321	-3.11527	0.888491	1.0353	1.0353
cg03412763	PUS3	3.58E-06	0.000802448	0.572167	-1.74774	1.55E-06	0.262108	-3.81522
cg11413039	PUS3;DDX25	0.0118496	0.821333	0.897729	-1.11392	0.880044	0.930503	-1.07469
cg17497052	PUS3;HYLS1;HYLS1	0.00292989	0.00217189	0.150056	-6.66417	0.0233473	0.302785	-3.30268
cg12503237	PUS3;HYLS1;HYLS1	0.0103776	0.43102	0.840675	-1.18952	0.000575065	0.316418	-3.16038
cg09490124	PUS7	0.000159227	0.000708932	3.40659	3.40659	0.000359106	3.89702	3.89702
cg04865166	PUS7	0.00074245	0.0845819	0.860881	-1.1616	0.00609244	0.754896	-1.32469
cg11309510	PUS7	0.00143155	0.0055981	0.696105	-1.43657	0.0429794	0.793005	-1.26103
cg06080252	PUS7	0.00427002	0.536338	0.863459	-1.15813	0.0123287	2.07636	2.07636
cg25011530	PUS7	0.0054625	0.328186	0.912496	-1.09589	0.21781	1.12483	1.12483
ch.7.2254086F	PUS7	0.00777908	0.184391	0.553979	-1.80512	0.000681251	0.113321	-8.82453
cg08392746	PUS7	0.0165692	0.853758	1.07331	1.07331	0.00281058	4.84618	4.84618
ch.7.2252844R	PUS7	0.0297153	0.0466969	0.498693	-2.00524	0.00814847	0.355364	-2.81402
cg13798780	PUS7	0.0321789	0.242499	0.740374	-1.35067	0.548075	0.861251	-1.1611
cg13617795	PUS7	0.0340209	0.628756	1.13596	1.13596	0.0236074	0.492998	-2.02841
cg19717193	PUS7;PUS7	0.00856923	0.84647	1.02519	1.02519	0.0439405	0.742975	-1.34594
cg10045590	PUS7L;IRAK4;PUS7L;IRAK4;IRAK4;IRAK4;PUS7L;IRAK4	0.0378335	0.258539	0.780515	-1.28121	0.906133	1.02511	1.02511
cg17840914	PUS7L;IRAK4;PUS7L;IRAK4;IRAK4;IRAK4;PUS7L;IRAK4	0.0478424	0.0300612	0.0914671	-10.9329	0.620181	1.59729	1.59729
cg08728825	PUS7L;PUS7L;IRAK4;IRAK4;PUS7L;PUS7L;IRAK4;IRAK4	0.00104858	0.00302698	0.508885	-1.96508	0.0625929	0.705848	-1.41673
cg03689601	PUS7L;PUS7L;PUS7L	0.0189984	0.333626	1.30459	1.30459	0.00657074	0.390176	-2.56294
cg26545584	PUS7L;PUS7L;PUS7L	0.0348184	0.0185793	0.309712	-3.2288	0.0332987	0.359985	-2.77789
cg20424530	PUS7L;PUS7L;PUS7L;IRAK4;IRAK4;PUS7L;PUS7L;IRAK4;IRAK4;IRAK4	0.040697	0.308136	0.729818	-1.3702	0.00767117	2.78184	2.78184
cg26333156	PUSL1;ACAP3	0.000643909	0.919399	1.00789	1.00789	0.00766276	1.305	1.305
cg04840417	PUSL1;ACAP3	0.00147666	0.759589	0.891332	-1.12192	0.189038	1.692	1.692
cg24497877	PUSL1;ACAP3	0.00564792	0.270625	0.89479	-1.11758	0.0777099	1.20928	1.20928
cg19323338	PUSL1;ACAP3	0.0302597	0.180057	0.790635	-1.26481	0.0302788	1.52238	1.52238
cg09863066	PVALB	0.000910969	0.993222	1.00163	1.00163	0.0662158	0.67402	-1.48363
cg16293983	PVALB	0.00169182	0.0799375	0.726759	-1.37597	0.159048	0.780955	-1.28048
cg04688476	PVALB	0.00180665	0.859575	1.02085	1.02085	0.00241783	0.611314	-1.63582
cg21385983	PVALB	0.00274424	0.269356	1.14356	1.14356	0.0605751	0.781335	-1.27986
cg02978737	PVALB	0.0124942	0.751091	1.06916	1.06916	0.449173	0.850385	-1.17594
cg26244661	PVALB	0.0127151	0.00402975	0.503647	-1.98552	0.71456	0.936863	-1.06739
cg17971837	PVALB	0.0164006	0.188371	0.658894	-1.5177	0.233203	0.687875	-1.45375
cg25625146	PVALB	0.0190627	0.566292	1.06222	1.06222	0.0224755	1.32928	1.32928
cg19136704	PVALB	0.0384457	0.121235	1.52064	1.52064	0.0136057	0.466949	-2.14156
cg04566018	PVR;PVR;PVR;PVR	0.00021608	0.0313444	0.831447	-1.20272	1.26E-05	1.95742	1.95742
cg22580353	PVR;PVR;PVR;PVR	0.0011079	0.0425345	0.647734	-1.54384	0.00320499	2.11299	2.11299
cg10777702	PVR;PVR;PVR;PVR	0.0012305	0.156601	0.849568	-1.17707	0.113976	1.20322	1.20322
cg01396723	PVR;PVR;PVR;PVR	0.00367404	0.00243618	0.313496	-3.18983	0.574287	1.16889	1.16889
cg23696432	PVR;PVR;PVR;PVR	0.00594985	0.00703008	2.37719	2.37719	0.000175318	4.86298	4.86298
cg07455685	PVR;PVR;PVR;PVR	0.0347211	0.0345496	2.9948	2.9948	0.00474501	5.307	5.307
cg01865721	PVR;PVR;PVR;PVR	0.03702	0.114491	1.87821	1.87821	0.0173163	2.89892	2.89892
cg02415834	PVR;PVR;PVR;PVR	0.0417992	0.150903	0.773399	-1.29299	0.36365	0.855696	-1.16864
cg05878558	PVR;PVR;PVR;PVR;PVR;PVR;PVR;PVF	0.0146117	0.152229	0.735713	-1.35923	0.7256	0.93191	-1.07306

Probeset ID	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05039004	0.139431	13.2703	13.2703	0.12261	15.1745	15.1745	0.104524	17.8941	17.8941
cg07946260	0.00161065	0.465869	-2.14653	0.0347422	0.659872	-1.51544	0.0115022	0.586309	-1.70558
cg12055258	0.0105308	0.305117	-3.27743	0.56517	1.23919	1.23919	0.000102484	0.0791508	-12.6341
cg09657435	0.108898	1.4393	1.4393	0.264941	0.785068	-1.27377	0.0251494	0.57426	-1.74137
cg00826384	0.164175	1.09611	1.09611	0.635876	1.02992	1.02992	0.426334	0.951027	-1.0515
cg09070142	0.0381671	0.386517	-2.58721	0.037786	0.385564	-2.5936	0.0075038	0.256298	-3.90172
cg06631603	0.166289	0.714139	-1.40029	0.112038	0.673884	-1.48393	0.0937682	0.656812	-1.5225
cg10057817	0.00678542	0.27849	-3.59079	0.557261	1.24146	1.24146	0.159254	0.578028	-1.73002
cg07132005	0.498388	0.806623	-1.23974	0.076904	1.84979	1.84979	0.524377	1.2235	1.2235
cg26235215	0.140232	1.29673	1.29673	0.818661	0.963092	-1.03832	0.101457	0.745537	-1.34132
cg18449997	0.695338	1.09602	1.09602	0.532371	0.863005	-1.15874	0.767642	1.07146	1.07146
cg27576485	0.129621	3.4485	3.4485	0.419679	0.536139	-1.86519	0.00580829	0.0651237	-15.3554
cg05624478	0.187976	1.80282	1.80282	0.750043	0.873701	-1.14456	0.321078	0.648525	-1.54196
cg18183406	0.153597	1.87488	1.87488	0.155159	1.86981	1.86981	0.465909	1.35698	1.35698
cg19003733	0.725203	0.849652	-1.17695	0.033791	3.14011	3.14011	0.178543	0.516937	-1.93447
cg02054493	0.00509174	0.587607	-1.70182	0.919882	0.985655	-1.01455	0.000138912	0.388496	-2.57403
cg14644065	0.182938	0.487625	-2.05076	0.0958827	0.39477	-2.53312	0.0921353	0.389768	-2.56563
cg14305239	0.0242833	1.29877	1.29877	0.00475093	1.44058	1.44058	0.0242155	0.769829	-1.29899
cg21753834	0.0386499	1.23042	1.23042	0.970621	0.996817	-1.00319	0.00264078	1.43369	1.43369
cg03917887	0.00211608	1.56333	1.56333	0.867547	1.01741	1.01741	0.195679	1.152	1.152
cg25915871	0.323547	0.756473	-1.32192	0.18581	1.46814	1.46814	0.109831	0.62058	-1.61139
cg23838308	0.307493	0.841608	-1.1882	0.00944324	0.584502	-1.71086	0.0314611	0.662411	-1.50964
cg14599203	0.334492	1.10842	1.10842	0.00822834	0.705002	-1.41844	0.482919	1.07653	1.07653
cg15594528	0.00975775	0.734692	-1.36111	0.146316	0.863207	-1.15847	0.103248	0.845253	-1.18308
cg24615831	0.391019	0.891395	-1.12184	0.00332367	0.592782	-1.68696	0.502252	0.914776	-1.09316
cg12822818	0.192328	0.774836	-1.2906	0.150141	0.751882	-1.33	0.000484532	0.363726	-2.74932
cg20666379	0.00586755	0.24386	-4.10072	0.283674	0.646692	-1.54633	0.00105449	0.150166	-6.65928
cg15300101	0.00946521	0.284756	-3.51178	0.081903	0.47881	-2.08851	0.00184688	0.184726	-5.41341
cg17367077	0.00079625	0.221625	-4.51213	0.395854	0.772108	-1.29516	0.0255287	0.454143	-2.20195
cg09468767	0.217923	0.740118	-1.35114	0.727226	0.922442	-1.08408	0.360889	1.24274	1.24274
cg15407784	0.423316	1.16813	1.16813	0.19392	1.29847	1.29847	0.0869434	1.43222	1.43222
cg23024444	0.00774184	0.3023	-3.30797	0.0169174	0.360961	-2.77038	0.00617875	0.286788	-3.48689
cg00116688	0.307031	1.08593	1.08593	0.0187359	1.24868	1.24868	0.000946302	1.46859	1.46859
cg26775866	0.0276646	0.652223	-1.53322	0.0660245	0.712813	-1.40289	0.0477459	0.68963	-1.45005
cg19619065	0.960807	1.00744	1.00744	0.231046	0.827418	-1.20858	0.175804	0.80488	-1.24242
cg12430567	0.108691	0.775122	-1.29012	0.00856409	0.61367	-1.62954	0.262345	0.843533	-1.18549
cg17353057	4.59E-06	7.3496	7.3496	0.226546	1.27216	1.27216	0.0543582	0.661075	-1.51269
cg13521048	0.000204719	5.95708	5.95708	0.0459725	1.92698	1.92698	0.0986155	0.594865	-1.68105
cg01419679	1.25E-05	5.54572	5.54572	0.392112	1.17741	1.17741	0.529767	1.12589	1.12589
cg06112333	0.00215177	0.440772	-2.26875	0.0743695	1.45935	1.45935	0.0143997	0.563556	-1.77445
cg22434923	0.010085	0.295334	-3.386	0.033804	0.394149	-2.53711	0.0121902	0.309313	-3.23297
cg24996270	0.051735	5.0958	5.0958	0.459169	0.580007	-1.72412	0.000586891	0.0162778	-61.4334
cg25732426	0.000527201	2.03903	2.03903	0.571681	1.07832	1.07832	0.3806	1.12597	1.12597
cg06438815	0.0227411	1.42891	1.42891	0.138	0.811326	-1.23255	0.35113	0.881944	-1.13386
cg15876074	0.00589049	1.56448	1.56448	0.452616	0.909341	-1.0997	0.0684277	1.28837	1.28837
cg12121965	0.442015	0.884842	-1.13015	0.457398	0.888598	-1.12537	0.0205106	0.646839	-1.54598
cg16370389	0.0292138	1.48857	1.48857	0.0613026	1.38604	1.38604	0.991389	0.99833	-1.00167
cg06979272	0.0710683	0.485676	-2.05898	0.384985	0.726865	-1.37577	0.00155492	0.196075	-5.10008
cg00274357	0.0386494	0.477978	-2.09215	0.353726	1.34191	1.34191	0.000329772	0.167426	-5.97277
cg04618219	0.113419	0.720174	-1.38855	0.41743	0.853923	-1.17107	0.166476	0.754928	-1.32463
cg01692572	0.0208171	1.43569	1.43569	0.684809	1.05448	1.05448	0.406988	1.11657	1.11657
cg05611801	0.0256242	0.667058	-1.49912	0.897753	1.01983	1.01983	0.779016	1.04389	1.04389
cg21967560	0.0101081	6.5201	6.5201	0.00276879	0.0921437	-10.8526	0.965053	1.02564	1.02564
cg04286438	0.578484	1.18471	1.18471	0.00175979	3.84174	3.84174	0.00443063	0.317633	-3.14829
cg08849613	0.642135	1.05652	1.05652	0.875984	0.981819	-1.01852	7.26E-06	0.312621	-3.19876
cg00035237	0.106303	1.27331	1.27331	0.0320076	1.41084	1.41084	0.107516	0.786127	-1.27206
cg00173776	0.665461	0.882922	-1.1326	0.0146464	0.423048	-2.3638	0.000337922	0.19135	-5.22603
cg21861265	0.778964	1.11411	1.11411	0.395513	1.39678	1.39678	0.000316665	0.106423	-9.39651
cg23653835	0.816269	0.926637	-1.07917	0.676227	1.14739	1.14739	0.913872	1.03605	1.03605
cg04976330	0.0282662	0.402703	-2.48322	0.195906	1.61656	1.61656	0.000518104	0.14932	-6.69701
cg03420846	0.197629	0.698213	-1.43223	0.0891496	0.609873	-1.63969	0.00120681	0.286334	-3.49242
cg24710886	0.222245	1.31041	1.31041	0.694427	1.08677	1.08677	0.0899398	0.674417	-1.48276
cg10947764	0.000793111	0.389149	-2.56971	0.449475	0.866324	-1.1543	0.928441	1.01687	1.01687
cg22015284	0.0718293	1.23937	1.23937	0.310488	1.11857	1.11857	0.513038	1.0734	1.0734
cg02100343	0.199621	1.65816	1.65816	0.0139977	0.322247	-3.10321	0.203293	0.605832	-1.65062
ch.2.502715F	0.832314	0.928695	-1.07678	0.102526	0.536162	-1.86511	5.30E-05	0.0718373	-13.9204
cg22528172	0.0457146	0.556393	-1.79729	0.834321	0.947805	-1.05507	0.00269924	0.346136	-2.88904
cg17383778	0.0145216	0.455484	-2.19547	0.898932	1.03374	1.03374	0.412244	1.24478	1.24478
cg08659707	0.409584	1.20395	1.20395	0.0123423	1.9851	1.9851	0.0156139	0.520769	-1.92024
cg23160717	0.987717	0.997207	-1.0028	0.589897	0.905855	-1.10393	1.48E-05	0.195135	-5.12467
cg27111970	0.303095	1.14516	1.14516	0.00938825	0.658032	-1.51968	0.164843	0.828377	-1.20718
cg15563057	0.336695	1.13701	1.13701	0.0328233	1.38215	1.38215	0.0125972	1.49503	1.49503
cg14640670	0.165371	0.594232	-1.68285	0.945858	0.976393	-1.02418	0.0340172	0.41878	-2.38789
cg01759437	0.020792	0.766288	-1.30499	0.578463	1.05516	1.05516	0.0148538	0.750786	-1.33194
cg09928203	0.00400658	7.06976	7.06976	0.773173	0.903575	-1.10671	0.283889	0.665935	-1.50165
cg04965426	0.206301	1.14137	1.14137	0.642438	1.04747	1.04747	0.611079	0.9504	-1.05219
cg16770798	0.0753543	3.04437	3.04437	0.00157818	0.0779563	-12.8277	0.599534	0.742358	-1.34706
cg06561216	0.11427	1.17247	1.17247	0.173162	0.87437	-1.14368	0.0618106	1.21509	1.21509
cg14212788	0.633291	0.93489	-1.06964	0.279731	0.854362	-1.17046	0.00237584	0.552403	-1.81027
cg03325522	0.00694307	0.215805	-4.63382	0.304102	1.59556	1.59556	0.0812133	0.428016	-2.33636
cg18907656	0.0322923	1.45983	1.45983	0.00237173	1.89573	1.89573	0.0183739	0.64936	-1.53998
cg21604516	0.0541276	1.37431	1.37431	0.016368	1.53243	1.53243	0.632297	1.07264	1.07264
cg20533040	0.174599	1.44956	1.44956	0.421294	1.23518	1.23518	5.89E-06	0.0730651	-13.6864
cg00697858	0.864871	0.952274	-1.05012	0.43713	1.25557	1.25557	0.71769	0.901005	-1.10987
cg08494221	0.107847	0.628446	-1.59123	0.0322486	0.514846	-1.94233	0.10568	0.626311	-1.59665
cg01953819	0.975337	0.996177	-1.00384	0.23208	1.16798	1.16798	9.41E-05	0.422152	-2.36881
cg09606208	0.032356	0.303977	-3.28972	0.920203	1.04877	1.04877	0.00403031	0.159475	-6.27058
cg08359192	0.00341934	0.192327	-5.19947	0.219353	0.585474	-1.70802	0.0200931	0.312763	-3.1973
cg19641266	0.446438	1.16531	1.16531	0.423313	1.17494	1.17494	5.00E-05	0.223105	-4.4822
cg14510688	0.187878	0.720482	-1.38796	0.452693	0.835507	-1.19688	0.000665153	0.29406	-3.40067
cg15052214	0.0612754	0.391645	-2.55333	0.0787821	0.419888	-2.38159	0.00104423	0.115659	-8.64614
cg18765479	0.529354	1.10755	1.10755	0.45984	0.886359	-1.12821	0.0608003	0.712616	-1.40328
cg24775180	0.0089985	0.649673	-1.53924	0.00365508	0.600222	-1.66605	0.190463	0.835239	-1.19726
cg21270060	0.0145122	0.395596	-2.52783	0.178741	0.644086	-1.55259	0.0121954	0.382198	-2.61645
cg05585129	0.313825	0.772943	-1.29376	0.135389	1.48872	1.48872	0.0500176	0.575484	-1.73767
cg03412763	1.48E-05	0.37069	-2.69767	0.197682	1.16213	1.16213	3.99E-05	0.420481	-2.37823
cg11413039	0.679897	1.21883	1.21883	0.0103915	4.66103	4.66103	0.0799204	0.395814	-2.52644
cg17497052	0.0544251	0.382052	-2.61745	0.863317	0.926845	-1.07893	0.00246921	0.156332	-6.39665
cg12503237	0.937062	0.983092	-1.0172	0.778999	0.94106	-1.06263	0.0875316	1.50272	1.50272
cg09490124	0.00326031	2.5936	2.5936	0.000375025	3.86268	3.86268	0.0772216	0.627013	-1.59486
cg04865166	0.047832	1.19443	1.19443	0.183897	0.895207	-1.11706	0.559097	0.95467	-1.04748
cg11309510	0.178952	0.867467	-1.15278	0.834362	1.02107	1.02107	0.000375504	0.567643	-1.76167
cg06080252	0.611356	1.12766	1.12766	0.189224	0.721751	-1.38552	0.1121	0.666566	-1.50023
cg25011530	0.562914	0.948314	-1.0545	0.587822	0.951561	-1.0509	0.0158575	0.764842	-1.30746
ch.7.2254086F	0.00442971	0.203296	-4.91894	0.182157	0.552107	-1.81124	0.0015945	0.149517	-6.68821
cg08392746	0.395324	1.39621	1.39621	0.00857145	3.61695	3.61695	0.518777	1.28504	1.28504
ch.7.2252844R	0.00869615	0.360053	-2.77737	0.0574723	0.518729	-1.92779	0.112044	0.58942	-1.69658
cg13798780	0.0041279	0.388579	-2.57348	0.174525	0.701218	-1.42609	0.296653	0.766499	-1.30463
cg13617795	0.630807	1.13508	1.13508	0.0112293	2.29616	2.29616	0.579417	0.863733	-1.15777
cg19717193	0.233551	0.851919	-1.17382	0.961275	1.00625	1.00625	0.140333	0.815825	-1.22575
cg10045590	0.367343	1.21489	1.21489	0.473351	0.857876	-1.16567	0.304687	1.25036	1.25036
cg17840914	0.947308	1.06391	1.06391	0.897513	1.12839	1.12839	0.0980713	0.182497	-5.47953
cg08728825	0.53056	0.899773	-1.11139	0.0010814	2.23039	2.23039	0.00137121	0.46211	-2.16399
cg03689601	0.00460067	0.365822	-2.73357	0.151233	1.5069	1.5069	0.0709963	1.71223	1.71223
cg26545584	0.0195204	0.313717	-3.18758	0.0954375	2.12187	2.12187	0.809749	1.10413	1.10413
cg20424530	0.36581	1.31972	1.31972	0.107636	1.68918	1.68918	0.724691	0.899803	-1.11135
cg26333156	0.0400211	0.831655	-1.20242	0.000562411	1.51486	1.51486	0.00795877	0.767777	-1.30246
cg04840417	0.0733836	2.13987	2.13987	0.0726419	0.466157	-2.1452	0.000107896	0.0598247	-16.7155
cg24497877	0.0725538	1.21432	1.21432	0.0722432	1.21463	1.21463	0.189913	1.14403	1.14403
cg19323338	0.00230134	2.01967	2.01967	0.223712	0.809832	-1.23482	0.295544	1.19601	1.19601
cg09863066	0.000337529	0.330782	-3.02314	0.00473678	0.487594	-2.05089	0.0170037	0.572818	-1.74576
cg16293983	0.073756	0.720781	-1.38738	0.00190436	2.05954	2.05954	0.936504	0.986998	-1.01317
cg04688476	0.00660245	0.663077	-1.50812	0.000471323	0.527263	-1.89659	0.0286698	0.740295	-1.35081
cg21385983	0.00227384	0.607857	-1.64512	0.00575894	1.52501	1.52501	0.00151111	0.58685	-1.70401
cg02978737	0.00113193	0.365451	-2.73634	0.273118	0.78688	-1.27084	0.387221	0.830066	-1.20472
cg26244661	0.0329594	0.642218	-1.5571	0.801055	1.04585	1.04585	0.157015	1.3083	1.3083
cg17971837	0.00241087	0.282221	-3.54332	0.0814004	0.560915	-1.7828	0.0473741	0.507107	-1.97197
cg25625146	0.00260053	1.544	1.544	0.0583447	0.800329	-1.24949	0.759101	1.03254	1.03254
cg19136704	0.0148064	0.473309	-2.11279	0.362294	1.26312	1.26312	0.911165	0.972543	-1.02823
cg04566018	0.0151534	0.804059	-1.24369	0.638397	1.0352	1.0352	0.265599	0.918702	-1.08849
cg22580353	0.822495	1.04267	1.04267	0.0382016	1.56313	1.56313	0.00163452	2.31385	2.31385
cg10777702	0.856086	0.980657	-1.01972	0.134386	0.840569	-1.18967	0.16535	0.85282	-1.17258
cg01396723	0.0971112	0.606147	-1.64977	0.00520521	0.362842	-2.75602	0.00437446	0.351153	-2.84776
cg23696432	0.0103865	2.22997	2.22997	0.14178	1.48074	1.48074	0.487973	0.839384	-1.19135
cg07455685	0.45523	1.4028	1.4028	0.981194	1.01054	1.01054	0.509813	1.34655	1.34655
cg01865721	0.731269	1.13495	1.13495	0.111714	1.889	1.889	0.110656	1.89319	1.89319
cg02415834	0.6581	1.07718	1.07718	0.0784449	0.721584	-1.38584	0.00399991	0.52429	-1.90734
cg05878558	0.0137189	1.84016	1.84016	0.179674	1.33001	1.33001	0.18556	0.755089	-1.32435

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)
cg05039004	0.0411218	46.0946	46.0946	0.00998733	197.97	197.97
cg07946260	0.846887	1.03319	1.03319	0.99846	0.999674	-1.00033
cg12055258	0.000505591	0.134698	-7.42403	0.00131885	0.178421	-5.60472
cg09657435	0.029739	0.586944	-1.70374	0.000252401	0.284594	-3.51378
cg00826384	0.00525275	0.796477	-1.25553	0.000255743	0.689165	-1.45103
cg09070142	0.234414	0.610727	-1.63739	0.00220832	0.183201	-5.45848
cg06631603	0.0101879	0.477574	-2.09392	0.00222778	0.37641	-2.65668
cg10057817	0.688766	1.15801	1.15801	0.00978953	3.28737	3.28737
cg07132005	0.429467	0.777105	-1.28683	0.00555188	0.320083	-3.12419
cg26235215	0.275153	0.830341	-1.20433	0.646681	1.07851	1.07851
cg18449997	0.0044482	2.42069	2.42069	5.87E-05	5.65854	5.65854
cg27576485	0.059923	0.200934	-4.97675	0.0202118	0.120339	-8.30984
cg05624478	0.0245661	3.09934	3.09934	0.00204047	6.27483	6.27483
cg18183406	0.727857	1.15456	1.15456	0.00106883	7.30722	7.30722
cg19003733	0.308656	1.6265	1.6265	0.479747	1.39329	1.39329
cg02054493	0.0014902	0.517949	-1.93069	0.00011166	0.376965	-2.65277
cg14644065	0.505937	0.709633	-1.40918	0.147763	0.454184	-2.20175
cg14305239	0.0244488	1.29823	1.29823	0.284415	0.897394	-1.11434
cg21753834	0.478669	1.06434	1.06434	0.0338292	0.806916	-1.23929
cg03917887	0.497455	0.931247	-1.07383	0.708041	0.961847	-1.03967
cg25915871	0.0335498	0.506789	-1.97321	0.0124402	0.426823	-2.34289
cg23838308	0.000288585	0.380769	-2.62626	0.00122322	0.461989	-2.16455
cg14599203	0.0288795	0.766097	-1.30532	2.32E-07	0.200984	-4.97551
cg15594528	9.30E-06	0.405272	-2.46748	0.280791	1.11155	1.11155
cg24615831	0.00830996	0.643188	-1.55476	8.39E-07	0.179151	-5.5819
cg12822818	0.186595	0.77196	-1.2954	0.000195912	0.314193	-3.18276
cg20666379	0.0113466	0.289234	-3.45741	0.00186372	0.177737	-5.6263
cg15300101	0.0111624	0.296698	-3.37043	0.0418286	0.40813	-2.4502
cg17367077	0.0613347	0.534165	-1.87208	5.13E-05	0.104853	-9.53716
cg09468767	0.286154	1.29264	1.29264	0.0546982	0.599211	-1.66886
cg15407784	0.725328	1.06933	1.06933	9.31E-05	0.26584	-3.76166
cg23024444	0.07336	0.497422	-2.01037	0.000453294	0.144722	-6.90979
cg00116688	0.412707	0.936794	-1.06747	0.0960769	0.867204	-1.15313
cg26775866	0.452968	0.882054	-1.13372	0.00187827	0.484964	-2.06201
cg19619065	0.0341834	0.688893	-1.4516	0.0478721	0.710985	-1.4065
cg12430567	0.0171961	0.655294	-1.52603	0.045319	0.715841	-1.39696
cg17353057	2.32E-06	8.865	8.865	0.880805	1.02885	1.02885
cg13521048	0.0080212	2.6492	2.6492	0.0274802	2.11245	2.11245
cg01419679	0.0187688	1.69967	1.69967	0.480047	0.874826	-1.14308
cg06112333	0.246307	1.25925	1.25925	0.000964432	0.392832	-2.54562
cg22434923	0.181464	0.586902	-1.70386	0.000311856	0.111187	-8.99385
cg24996270	0.779749	1.22401	1.22401	0.892552	0.907181	-1.10232
cg25732426	0.0955172	1.27327	1.27327	0.306563	1.14987	1.14987
cg06438815	0.944869	0.990987	-1.00909	0.00837736	0.643418	-1.5542
cg15876074	0.114051	1.23802	1.23802	0.00342556	0.610254	-1.63866
cg12121965	0.294572	0.843951	-1.1849	0.00434481	0.551685	-1.81263
cg16370389	0.446792	1.12756	1.12756	0.00366728	1.83725	1.83725
cg06979272	0.0512948	0.451655	-2.21408	0.00505189	0.265027	-3.7732
cg00274357	0.00128042	0.235201	-4.25168	0.0022605	0.267927	-3.73235
cg04618219	0.00046743	0.35055	-2.85266	0.000969271	0.392285	-2.54916
cg01692572	0.822816	1.02958	1.02958	0.399626	1.11861	1.11861
cg05611801	0.974938	1.00481	1.00481	0.00571647	0.575026	-1.73905
cg21967560	?	?	?	0.0941382	2.89591	2.89591
cg04286438	0.0547834	0.517957	-1.93066	0.000647566	0.205962	-4.85526
cg08849613	1.79E-06	0.246896	-4.05029	1.07E-05	0.331419	-3.01733
cg00035237	0.970294	0.994911	-1.00511	0.064886	1.32844	1.32844
cg00173776	0.125342	0.62199	-1.60774	0.0233367	0.46037	-2.17217
cg21861265	0.267718	0.641861	-1.55797	0.00289701	0.20752	-4.81881
cg23653835	0.273754	0.688768	-1.45187	7.12E-05	0.0934184	-10.7045
cg04976330	0.0202647	0.374196	-2.67239	0.134138	0.567054	-1.7635
cg03420846	0.0280668	0.504407	-1.98253	0.00879528	0.414752	-2.41108
cg24710886	0.571935	0.886593	-1.12791	0.00187026	0.394655	-2.53386
cg10947764	0.0252935	1.64082	1.64082	0.682912	1.07947	1.07947
cg22015284	0.0344692	0.768481	-1.30127	0.181111	0.859324	-1.16371
cg02100343	0.0197471	0.349705	-2.85955	0.0171199	0.338089	-2.9578
ch.2.502715F	0.890015	0.952874	-1.04946	0.0198925	0.375071	-2.66616
cg22528172	0.931452	1.02226	1.02226	0.00396014	0.370909	-2.69608
cg17383778	0.419727	1.24026	1.24026	0.131819	1.52934	1.52934
cg08659707	0.584302	0.885507	-1.1293	0.0447867	0.602335	-1.66021
cg23160717	0.28375	1.22429	1.22429	0.712412	0.934935	-1.06959
cg27111970	0.0381597	1.35709	1.35709	0.00362414	0.606372	-1.64915
cg15563057	0.703938	0.951714	-1.05074	0.0132852	0.671858	-1.48841
cg14640670	0.246677	0.653035	-1.53131	0.0126412	0.336052	-2.97573
cg01759437	0.208823	1.13511	1.13511	0.00194023	0.657429	-1.52108
cg09928203	0.228918	1.59444	1.59444	?	?	?
cg04965426	0.741427	0.967688	-1.03339	0.135131	0.85234	-1.17324
cg16770798	0.819917	1.1368	1.1368	0.781414	1.16931	1.16931
cg06561216	0.871961	0.985172	-1.01505	0.0159843	0.760938	-1.31417
cg14212788	0.20217	0.828099	-1.20758	0.00578721	1.65931	1.65931
cg03325522	0.327952	0.64193	-1.5578	0.00504269	0.196299	-5.09427
cg18907656	0.332171	0.859865	-1.16297	0.0245641	0.667556	-1.498
cg21604516	0.0398413	1.41288	1.41288	0.0274002	1.46166	1.46166
cg20533040	0.159164	1.47234	1.47234	0.150828	0.673105	-1.48565
cg00697858	0.000212151	0.169104	-5.91353	0.00346835	0.320088	-3.12414
cg08494221	0.023363	0.488075	-2.04887	0.00225695	0.322536	-3.10042
cg01953819	0.715377	1.04642	1.04642	0.101384	1.24886	1.24886
cg09606208	0.750314	1.16385	1.16385	0.00464159	0.167031	-5.9869
cg08359192	0.530308	0.76838	-1.30144	0.254013	0.61038	-1.63832
cg19641266	0.423086	1.17503	1.17503	0.0404851	1.59431	1.59431
cg14510688	0.699542	1.09538	1.09538	0.00044649	0.272177	-3.67408
cg15052214	0.00886468	0.227457	-4.39644	0.00112499	0.118661	-8.42739
cg18765479	0.403217	1.14697	1.14697	0.00147865	2.08602	2.08602
cg24775180	0.0161849	0.682501	-1.4652	0.825042	0.971659	-1.02917
cg21270060	0.0191522	0.417709	-2.39401	0.0144476	0.395248	-2.53006
cg05585129	?	?	?	0.818344	1.05853	1.05853
cg03412763	0.000358414	0.531571	-1.88122	2.36E-06	0.281583	-3.55135
cg11413039	0.315668	0.609667	-1.64024	0.643416	1.24901	1.24901
cg17497052	0.0048228	0.192317	-5.19975	0.000489872	0.0899961	-11.1116
cg12503237	0.233898	0.763782	-1.30927	0.0101428	2.01426	2.01426
cg09490124	0.0286879	1.84629	1.84629	0.0229228	1.90903	1.90903
cg04865166	0.326449	0.923526	-1.08281	1.35E-05	0.489094	-2.0446
cg11309510	0.0140071	0.739237	-1.35275	0.00139273	1.58604	1.58604
cg06080252	0.00638404	2.2982	2.2982	0.0012738	0.332256	-3.00973
cg25011530	0.0318924	0.796	-1.25628	0.000749786	0.628777	-1.59039
ch.7.2254086F	0.833817	1.09214	1.09214	0.427492	0.711876	-1.40474
cg08392746	0.0447807	2.41852	2.41852	0.00313856	4.70277	4.70277
ch.7.2252844R	0.589803	1.1809	1.1809	0.0344283	0.47065	-2.12472
cg13798780	0.943859	1.01746	1.01746	0.0153322	0.481227	-2.07802
cg13617795	0.142621	0.662086	-1.51038	0.413816	1.24433	1.24433
cg19717193	0.000171409	0.440682	-2.26921	0.0300501	0.72077	-1.38741
cg10045590	0.0354794	0.597727	-1.67301	0.0155631	0.536013	-1.86563
cg17840914	0.0898377	0.173297	-5.77043	0.00273481	0.0207144	-48.2756
cg08728825	0.000549275	0.409772	-2.44038	0.469416	0.884836	-1.13015
cg03689601	0.683617	1.11544	1.11544	0.389219	1.26525	1.26525
cg26545584	0.440214	1.38164	1.38164	0.285599	0.634144	-1.57693
cg20424530	0.0563426	0.524562	-1.90635	0.492429	0.812077	-1.23141
cg26333156	0.00618324	1.31961	1.31961	0.0353628	0.826699	-1.20963
cg04840417	?	?	?	0.0236493	2.83236	2.83236
cg24497877	0.135536	1.16873	1.16873	0.000394605	0.57867	-1.7281
cg19323338	0.236752	1.22697	1.22697	0.287134	0.833289	-1.20006
cg09863066	0.000530214	0.355909	-2.80971	0.417574	1.17188	1.17188
cg16293983	0.00160195	0.475423	-2.10339	0.0104097	1.69877	1.69877
cg04688476	0.0887845	1.24446	1.24446	0.160288	0.839657	-1.19096
cg21385983	0.0325262	0.746902	-1.33886	0.62517	1.0591	1.0591
cg02978737	0.231705	1.30161	1.30161	0.0413605	1.63958	1.63958
cg26244661	0.36269	1.1807	1.1807	0.00290825	2.06791	2.06791
cg17971837	0.44699	1.26112	1.26112	0.00706063	0.352682	-2.83542
cg25625146	0.611729	1.05474	1.05474	0.0284609	0.763974	-1.30894
cg19136704	0.933205	0.979306	-1.02113	0.0458235	1.77015	1.77015
cg04566018	0.878169	1.01128	1.01128	0.0324439	0.832755	-1.20083
cg22580353	0.114445	1.3761	1.3761	0.000263554	0.327982	-3.04895
cg10777702	0.269822	1.1316	1.1316	2.20E-05	0.39982	-2.50113
cg01396723	0.0106323	0.413463	-2.41859	0.000885296	0.254179	-3.93424
cg23696432	0.0894819	1.59241	1.59241	0.432134	1.22044	1.22044
cg07455685	0.045275	2.77899	2.77899	0.00847751	4.46166	4.46166
cg01865721	0.0189586	2.83838	2.83838	0.0140558	3.04423	3.04423
cg02415834	0.176698	0.786841	-1.2709	0.0664295	1.41004	1.41004
cg05878558	0.318327	0.813504	-1.22925	0.00144537	0.397996	-2.51259

Probeset ID	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05039004	0.00937668	211.71	211.71	0.0380555	49.8488	49.8488	3.54294	148.284	37.2029	1
cg07946260	0.00426268	0.524195	-1.90769	0.333534	0.844959	-1.18349	5.38116	2.43119	0.401598	1
cg12055258	0.491776	1.29374	1.29374	0.0168337	0.341043	-2.93218	12.8907	27.7731	1.91512	1
cg09657435	0.205255	1.32096	1.32096	0.0632752	0.647238	-1.54503	8.64994	5.94283	0.6107	1
cg00826384	0.0626562	0.878532	-1.13826	0.832589	1.01317	1.01317	7.01716	0.424716	0.0538004	1
cg09070142	0.0489762	2.43343	2.43343	0.220887	0.601022	-1.66383	6.16036	15.27	2.20334	1
cg06631603	0.173013	0.718391	-1.392	0.245973	0.758232	-1.31886	4.86365	4.00769	0.732453	1
cg10057817	0.294105	1.48665	1.48665	0.82702	1.08301	1.08301	4.75259	9.99384	1.86917	1
cg07132005	0.0688802	1.88998	1.88998	0.071825	0.533442	-1.87462	3.99492	6.18537	1.37628	1
cg26235215	0.342631	1.17364	1.17364	0.0213788	1.57276	1.57276	3.41406	1.44999	0.377521	1
cg18449997	0.698011	1.09509	1.09509	0.193225	1.37817	1.37817	9.38346	8.06563	0.764052	1
cg27576485	0.155128	3.15894	3.15894	0.627098	0.69064	-1.44793	4.48864	40.6349	8.04695	1
cg05624478	0.353093	0.667896	-1.49724	0.135963	1.97134	1.97134	4.13426	11.6838	2.51209	1
cg18183406	0.015629	3.38498	3.38498	0.135726	1.9376	1.9376	4.07317	10.9178	2.3826	1
cg19003733	0.639651	1.24321	1.24321	0.838172	1.09901	1.09901	3.82661	12.9166	3.00042	1
cg02054493	4.68E-06	0.22157	-4.51325	0.02432	0.680116	-1.47034	22.9497	7.49682	0.290367	1
cg14644065	0.0140609	0.214226	-4.66797	0.300147	0.57945	-1.72577	3.6228	14.8196	3.63613	1
cg14305239	0.168451	1.15359	1.15359	0.210821	0.879536	-1.13696	5.23448	0.78578	0.133437	1
cg21753834	0.795154	1.02278	1.02278	0.116269	1.15925	1.15925	4.06051	0.48207	0.10553	1
cg03917887	0.104606	1.20133	1.20133	0.0130504	1.37498	1.37498	3.82649	0.648004	0.15053	1
cg25915871	0.258678	1.38069	1.38069	0.0212037	0.468448	-2.13471	3.70042	4.39095	1.05476	1
cg23838308	0.0565408	0.703009	-1.42246	0.295172	0.837598	-1.19389	10.3106	4.35135	0.375134	1
cg14599203	0.0167936	0.739507	-1.35225	0.208224	1.14707	1.14707	37.4176	6.33736	0.15055	1
cg15594528	0.201408	1.13573	1.13573	0.00372348	0.691008	-1.44716	24.5142	3.45505	0.125281	1
cg24615831	0.368257	0.886131	-1.1285	0.00536723	0.619031	-1.61543	22.508	6.09983	0.240896	1
cg12822818	0.0324564	0.629492	-1.58858	0.858805	0.967618	-1.03347	8.43986	4.56807	0.481111	1
cg20666379	0.287106	0.64885	-1.54119	0.00698018	0.25524	-3.91789	7.24691	17.5771	2.15597	1
cg15300101	0.0161358	0.32481	-3.07872	0.185446	0.584838	-1.70988	5.75437	13.3003	2.05453	1
cg17367077	0.0470289	0.508586	-1.96623	0.0379021	0.488709	-2.04621	11.6598	16.3379	1.24552	1
cg09468767	0.0403736	0.57229	-1.74737	0.208363	1.36081	1.36081	11.2084	9.22436	0.640103	1
cg15407784	0.44938	1.15776	1.15776	0.813753	0.956144	-1.04587	8.92687	5.10547	0.508374	1
cg23024444	0.0042337	0.262072	-3.81575	0.565694	0.816212	-1.22517	7.3552	14.2495	1.72207	1
cg00116688	0.0585255	0.846517	-1.18131	0.678866	0.968064	-1.03299	6.1494	0.591953	0.0855661	1
cg26775866	0.397849	0.86753	-1.1527	0.39176	0.865856	-1.15493	3.85552	1.64546	0.379361	1
cg19619065	0.259827	1.19392	1.19392	0.262864	1.19247	1.19247	3.66796	1.32094	0.320114	1
cg12430567	0.515997	1.10064	1.10064	0.229633	1.20144	1.20144	3.6522	1.22612	0.298418	1
cg17353057	0.311799	1.21942	1.21942	0.324212	1.2129	1.2129	45.2851	25.7775	0.505979	1
cg13521048	0.0231661	2.17834	2.17834	0.00336541	3.13918	3.13918	19.9589	25.9996	1.15792	1
cg01419679	0.0111256	1.80916	1.80916	0.190326	1.29479	1.29479	14.8455	8.15834	0.488489	1
cg06112333	0.934936	0.984596	-1.01564	0.00177559	0.429099	-2.33046	9.80516	5.61346	0.50889	1
cg22434923	0.0128486	3.19201	3.19201	0.0307148	0.385401	-2.5947	8.86779	19.8203	1.98675	1
cg24996270	0.119667	3.42966	3.42966	0.402433	1.85852	1.85852	6.7092	54.0349	6.26411	1
cg25732426	0.756354	0.959772	-1.04191	0.614421	1.06931	1.06931	5.82177	1.60474	0.245017	1
cg06438815	0.366645	0.885668	-1.12909	0.0108478	0.657832	-1.52015	5.43414	1.47497	0.241268	1
cg15876074	0.282432	1.14881	1.14881	0.750865	0.96121	-1.04036	5.35532	1.30843	0.217176	1
cg12121965	0.605505	1.08471	1.08471	0.436157	1.132	1.132	3.39822	1.31094	0.342908	1
cg16370389	0.709934	1.05955	1.05955	0.749275	0.951566	-1.0509	5.23623	1.98802	0.337482	1
cg06979272	0.0932269	0.516147	-1.93743	0.0890809	0.510889	-1.95737	4.34911	8.8361	1.80596	1
cg00274357	0.922459	0.970438	-1.03046	0.00170077	0.251215	-3.98066	9.89061	14.8814	1.33742	1
cg04618219	0.0954143	0.705326	-1.41778	0.0679528	0.677345	-1.47635	6.43366	3.70016	0.511222	1
cg01692572	0.00402488	1.65247	1.65247	0.00221922	1.74577	1.74577	5.04114	1.34914	0.237889	1
cg05611801	0.0142857	0.63041	-1.58627	0.835956	0.968834	-1.03217	4.41299	1.62975	0.328274	1
cg21967560	0.167025	0.426942	-2.34224	0.149713	2.4408	2.4408	6.2296	29.2742	4.69921	1
cg04286438	0.193877	1.51458	1.51458	0.0923113	0.571476	-1.74986	9.2139	13.3095	1.284	1
cg08849613	0.000161108	2.13198	2.13198	8.02E-05	0.433217	-2.30831	48.9144	10.6934	0.194323	1
cg00035237	1.47E-06	5.33127	5.33127	0.936505	1.01097	1.01097	21.5652	6.41011	0.264215	1
cg00173776	0.156131	1.54384	1.54384	0.00070701	0.22827	-4.38077	9.06686	11.765	1.15341	1
cg21861265	0.53954	1.26939	1.26939	0.0510127	0.425898	-2.34798	6.83627	15.9679	2.07623	1
cg23653835	0.503973	0.800913	-1.24857	0.666189	0.86755	-1.15267	6.57459	11.1596	1.50878	1
cg04976330	0.96131	1.01718	1.01718	0.185022	0.610393	-1.63829	5.84508	11.4169	1.73622	1
cg03420846	0.850774	0.951533	-1.05094	0.0918478	0.612894	-1.6316	5.67449	6.25356	0.979598	1
cg24710886	0.00827042	2.03738	2.03738	0.071963	0.654874	-1.52701	5.48642	3.85929	0.625268	1
cg10947764	0.658601	1.08632	1.08632	0.706611	0.932013	-1.07295	4.48418	2.46211	0.488059	1
cg22015284	0.197818	0.864723	-1.15644	0.605527	0.945888	-1.05721	3.82005	0.689822	0.160515	1
cg02100343	0.120338	0.533239	-1.87533	0.458275	1.32558	1.32558	3.60047	7.9415	1.96061	1
ch.2.502715F	0.556707	0.812702	-1.23046	0.579648	0.82267	-1.21555	8.446	16.2823	1.71361	1
cg22528172	0.577618	1.15486	1.15486	0.579813	0.866639	-1.15388	4.63074	4.80418	0.92218	1
cg17383778	0.580668	1.15688	1.15688	0.82393	0.943461	-1.05993	3.61086	3.901	0.960314	1
cg08659707	0.40649	1.2055	1.2055	0.924218	0.979279	-1.02116	3.52576	2.70465	0.681877	1
cg23160717	0.000736355	2.53924	2.53924	0.0511832	1.49706	1.49706	15.1083	7.90099	0.464851	1
cg27111970	0.0295894	0.722183	-1.38469	0.238959	0.85495	-1.16966	6.90956	1.76698	0.227315	1
cg15563057	0.170951	0.827801	-1.20802	0.389993	1.12096	1.12096	6.12124	1.62903	0.236557	1
cg14640670	0.0227651	0.383353	-2.60856	0.255939	0.65892	-1.51764	4.19937	8.22951	1.74196	1
cg01759437	0.223133	0.884753	-1.13026	0.0913808	0.837079	-1.19463	9.64865	1.39828	0.128817	1
cg09928203	0.105131	0.503424	-1.9864	0.00183995	0.089702	-11.148	16.7547	25.1311	0.74997	1
cg04965426	0.00799686	0.713785	-1.40098	0.721536	0.965123	-1.03614	4.66713	0.727318	0.138523	1
cg16770798	?	?	?	0.355414	0.585936	-1.70667	4.39237	17.1076	4.45125	1
cg06561216	0.0534446	1.2253	1.2253	0.144521	1.15624	1.15624	3.64233	0.494893	0.120776	1
cg14212788	0.999039	1.00017	1.00017	0.0442107	0.723416	-1.38233	5.64885	1.7553	0.276209	1
cg03325522	0.560512	1.29483	1.29483	0.256468	0.594543	-1.68197	4.59417	14.0217	2.71295	1
cg18907656	0.125759	0.778779	-1.28406	0.0258392	0.670761	-1.49084	6.57973	2.37332	0.320624	1
cg21604516	0.00117616	1.99868	1.99868	0.00203429	1.88275	1.88275	6.11037	2.04763	0.297873	1
cg20533040	0.405515	0.803478	-1.24459	0.416045	1.23827	1.23827	14.5518	15.2345	0.930589	1
cg00697858	0.210753	1.46025	1.46025	0.463245	1.23908	1.23908	8.60823	11.2385	1.16049	1
cg08494221	0.0618226	0.573039	-1.74508	0.331511	0.76702	-1.30375	5.15101	5.71773	0.986686	1
cg01953819	0.67667	1.05333	1.05333	0.942137	0.991046	-1.00903	7.12713	1.73274	0.216105	1
cg09606208	0.664121	0.8125	-1.23077	0.0392988	0.321968	-3.1059	4.57514	16.3661	3.17972	1
cg08359192	0.347252	0.669566	-1.4935	0.3679	0.681591	-1.46716	3.77603	10.2727	2.41823	1
cg19641266	0.467884	0.864497	-1.15674	0.62626	0.907784	-1.10158	9.06172	5.57719	0.547082	1
cg14510688	0.822053	0.948458	-1.05434	0.6691	0.903934	-1.10628	8.63304	7.54556	0.776917	1
cg15052214	0.0855944	0.429692	-2.32725	0.056815	0.383552	-2.60721	7.88942	24.6913	2.78193	1
cg18765479	0.294707	1.19031	1.19031	0.404272	1.1466	1.1466	4.20916	1.71306	0.361764	1
cg24775180	0.469543	0.908877	-1.10026	0.1174	0.801845	-1.24712	3.82613	1.02181	0.237389	1
cg21270060	0.212217	0.667208	-1.49878	0.233672	0.680783	-1.4689	3.67964	5.52674	1.33509	1
cg05585129	0.105421	0.645737	-1.54862	0.0200503	0.499724	-2.0011	5.08915	4.37951	0.860559	1
cg03412763	0.217608	1.15388	1.15388	4.06E-06	0.30735	-3.25362	52.9134	10.2049	0.171432	1
cg11413039	0.0523712	2.86433	2.86433	0.000807091	11.1458	11.1458	5.59634	20.1642	3.20275	1
cg17497052	0.865933	0.928209	-1.07734	0.0069138	0.214108	-4.67055	8.61842	26.5327	2.73654	1
cg12503237	0.693312	0.917973	-1.08936	0.939873	1.01642	1.01642	5.84087	4.31333	0.656421	1
cg09490124	1.67E-05	8.18379	8.18379	0.0011115	3.1314	3.1314	19.5398	17.4705	0.794756	1
cg04865166	0.60341	1.04201	1.04201	0.0397957	0.829739	-1.2052	12.7978	1.24986	0.0868104	1
cg11309510	0.142255	0.854623	-1.17011	0.0174797	0.749718	-1.33383	10.6213	1.66811	0.139603	1
cg06080252	0.024936	1.86944	1.86944	0.243457	0.751156	-1.33128	7.69912	6.70272	0.773852	1
cg25011530	0.00838796	1.35736	1.35736	0.296775	1.10313	1.10313	7.14254	0.931248	0.115894	1
ch.7.2254086F	0.258627	0.609916	-1.63957	0.416005	0.705578	-1.41728	6.40024	17.8379	2.47739	1
cg08392746	0.27746	1.54192	1.54192	0.0332582	2.59627	2.59627	5.01228	11.6687	2.06936	1
ch.7.2252844R	0.0309245	0.461129	-2.16859	0.847412	0.942847	-1.06062	4.10069	6.0612	1.31386	1
cg13798780	0.00937526	0.445034	-2.24702	0.0278136	0.527831	-1.89455	3.98591	3.81262	0.850242	1
cg13617795	0.0678785	1.70765	1.70765	0.0447944	1.82705	1.82705	3.90697	4.23675	0.963918	1
cg19717193	0.126443	0.808845	-1.23633	0.0437372	0.742701	-1.34644	6.20808	1.61893	0.231802	1
cg10045590	0.0125291	0.52056	-1.92101	0.0266481	0.575698	-1.73702	3.75917	2.63062	0.622033	1
cg17840914	0.748856	1.35134	1.35134	0.812334	1.24976	1.24976	3.44525	47.9466	12.3704	1
cg08728825	0.490245	0.890028	-1.12356	0.0300262	0.654238	-1.52849	11.6092	5.08117	0.389053	1
cg03689601	0.287909	1.34203	1.34203	0.669734	0.891906	-1.12119	4.78719	5.38988	1.0008	1
cg26545584	0.909034	0.954144	-1.04806	0.0303814	0.35163	-2.84389	3.87441	10.3499	2.37452	1
cg20424530	0.100872	0.584791	-1.71001	0.129803	0.613473	-1.63006	3.65975	5.1672	1.25502	1
cg26333156	0.277228	1.09174	1.09174	0.000465189	1.53353	1.53353	13.3186	1.27253	0.0849291	1
cg04840417	0.14129	1.82091	1.82091	?	?	?	13.2664	22.451	1.69232	1
cg24497877	0.106416	0.842928	-1.18634	0.302452	0.901646	-1.10908	7.06967	1.05177	0.132242	1
cg19323338	0.711514	0.940547	-1.06321	0.994904	1.00105	1.00105	4.07434	1.75693	0.383306	1
cg09863066	0.000188858	0.299547	-3.33837	0.0919573	0.701045	-1.42644	12.0813	7.01376	0.516042	1
cg16293983	0.0033297	0.518692	-1.92793	0.168729	1.27238	1.27238	10.1219	4.32547	0.379856	1
cg04688476	0.00899398	1.47252	1.47252	0.525056	0.927711	-1.07792	9.93115	2.13483	0.191078	1
cg21385983	0.039876	0.758027	-1.31921	0.235503	1.15603	1.15603	8.78709	1.89267	0.19146	1
cg02978737	0.0087407	0.495611	-2.01771	0.635591	1.10552	1.10552	5.50087	3.84732	0.621691	1
cg26244661	0.938709	1.01375	1.01375	0.535443	1.11787	1.11787	5.46956	2.73077	0.443793	1
cg17971837	0.00584472	0.339544	-2.94513	0.225349	0.683081	-1.46396	5.02941	7.13664	1.26132	1
cg25625146	0.567524	1.06201	1.06201	0.799175	0.973805	-1.0269	4.78173	0.821001	0.152618	1
cg19136704	0.308201	1.30097	1.30097	0.789732	0.935503	-1.06894	3.73715	3.68325	0.876068	1
cg04566018	0.000452549	0.667609	-1.49788	0.907243	1.00856	1.00856	17.9897	1.52212	0.0752096	1
cg22580353	0.337114	0.83192	-1.20204	0.711365	1.07155	1.07155	11.429	6.25861	0.486765	1
cg10777702	0.971109	1.0039	1.0039	0.0657272	1.2488	1.2488	11.092	2.03356	0.162965	1
cg01396723	0.0453055	0.531869	-1.88016	0.00838117	0.396117	-2.52451	8.0558	9.64503	1.06425	1
cg23696432	0.337844	1.27829	1.27829	0.327414	1.28559	1.28559	6.95716	6.80374	0.869287	1
cg07455685	0.0603504	2.56676	2.56676	0.0631196	2.53509	2.53509	3.87834	12.1648	2.7881	1
cg01865721	0.00861822	3.42106	3.42106	0.0563776	2.21068	2.21068	3.78912	8.09089	1.89804	1
cg02415834	0.131548	0.762047	-1.31226	0.146784	0.771086	-1.29687	3.62376	1.59923	0.392283	1
cg05878558	0.161449	1.34885	1.34885	0.751954	0.938517	-1.06551	5.22578	3.31454	0.563793	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16067696	PVRL1	0.00140616	0.481734	0.940999	-1.0627	0.00999606	0.758357	-1.31864	0.0885334	0.852316	-1.17327	0.210484	1.11876	1.11876	0.59161	0.954986	-1.04714	0.00314567	1.40956	1.40956	0.000631649	1.5631	1.5631	0.0016431	0.681572	-1.4672	0.515102	0.945413	-1.05774	10.676	1.22292	0.101821	1
cg13829130	PVRL1	0.00246519	0.0105144	0.688568	-1.45229	0.0190997	1.38924	1.38924	0.243313	0.868054	-1.152	0.296574	0.882112	-1.13364	0.794478	0.970195	-1.03072	0.499095	0.923554	-1.08277	0.000117567	2.18485	2.18485	0.361695	0.897026	-1.11479	0.212275	1.16448	1.16448	9.06938	1.92954	0.189114	1
cg10287461	PVRL1	0.00973459	0.867295	0.959888	-1.04179	0.00328169	0.375015	-2.66656	0.0325714	0.542071	-1.84478	0.772272	0.931429	-1.07362	0.132015	0.671691	-1.48878	0.00787143	0.434025	-2.30401	0.0112514	2.17566	2.17566	0.822943	1.0564	1.0564	0.235239	1.356	1.356	5.96164	5.65813	0.843636	1
cg22167919	PVRL1	0.0113854	0.810908	1.03449	1.03449	0.0327177	1.42409	1.42409	0.00302774	0.562746	-1.777	0.0606091	1.34894	1.34894	0.140931	1.25114	1.25114	0.183936	1.22072	1.22072	0.00433667	1.71496	1.71496	0.903185	0.98293	-1.01737	0.900866	1.01779	1.01779	5.66919	1.79743	0.281824	1
cg14971286	PVRL1;PVRL1;PVRL1	0.00398323	0.0121685	0.76702	-1.30375	0.859493	0.985072	-1.01515	0.0639851	1.19329	1.19329	0.264619	0.906018	-1.10373	0.125001	0.86852	-1.15138	0.00134926	0.673533	-1.48471	0.00051026	0.630819	-1.58524	0.736076	0.971692	-1.02913	0.420515	1.07236	1.07236	7.86244	0.897274	0.101441	1
cg25577524	PVRL1;PVRL1;PVRL1	0.00730793	0.835415	0.972425	-1.02836	0.0466285	0.736209	-1.35831	0.981638	0.996911	-1.0031	0.181266	1.21017	1.21017	0.00520706	1.64142	1.64142	0.00849824	1.57063	1.57063	0.00103142	1.92229	1.92229	0.961268	1.00655	1.00655	0.761028	0.959829	-1.04185	6.52679	1.86748	0.254334	1
cg23406324	PVRL1;PVRL1;PVRL1	0.0122005	?	?	?	0.398259	0.90386	-1.10637	0.699999	1.04629	1.04629	0.00651697	0.661536	-1.51163	0.213288	1.16553	1.16553	0.0535774	0.773985	-1.29202	0.927364	1.01071	1.01071	0.0200362	0.720385	-1.38815	0.00206627	0.60227	-1.66038	5.65184	1.08682	0.192295	1
cg27101428	PVRL1;PVRL1;PVRL1	0.0139697	0.0295011	0.681584	-1.46717	0.477177	0.897546	-1.11415	0.910375	1.01698	1.01698	0.330742	0.860633	-1.16194	0.938499	0.988526	-1.01161	0.560275	0.91569	-1.09207	0.000330589	0.420279	-2.37937	0.786394	0.960192	-1.04146	0.0149191	0.639094	-1.56471	5.30366	1.87863	0.314857	1
cg26921987	PVRL1;PVRL1;PVRL1	0.0150562	0.664561	0.923374	-1.08298	0.0016839	2.27124	2.27124	0.0345858	1.56871	1.56871	0.29037	1.22202	1.22202	0.667691	1.08212	1.08212	0.186471	1.29164	1.29164	0.00771419	1.8691	1.8691	0.0569342	0.674581	-1.4824	0.540351	1.11993	1.11993	5.17429	2.73616	0.470043	1
cg06051912	PVRL1;PVRL1;PVRL1	0.0227078	0.873532	1.03077	1.03077	0.359812	1.19617	1.19617	0.00929553	0.533736	-1.87358	0.0358508	1.59133	1.59133	0.499569	1.13928	1.13928	0.0118063	1.81888	1.81888	0.059895	1.49766	1.49766	0.0512835	1.52539	1.52539	0.168872	1.32168	1.32168	4.50465	2.58257	0.509609	1
cg09161419	PVRL1;PVRL1;PVRL1	0.0383847	0.507604	1.17875	1.17875	0.0236376	1.93681	1.93681	0.0102326	2.2077	2.2077	0.0551861	1.702	1.702	0.277897	0.758779	-1.31791	0.0220378	1.95781	1.95781	0.153055	1.45403	1.45403	0.0732114	1.63031	1.63031	0.0540712	1.70728	1.70728	3.73932	3.5445	0.842577	1
cg02018544	PVRL2	0.00618901	0.552019	0.855883	-1.16838	0.127257	1.53197	1.53197	0.269964	0.742965	-1.34596	0.832355	0.946649	-1.05636	9.21E-05	0.164301	-6.0864	0.478478	1.20487	1.20487	0.540805	1.17368	1.17368	0.325316	0.768978	-1.30043	0.585107	0.867109	-1.15326	6.87297	7.282	0.941789	1
cg08054038	PVRL2;PVRL2	0.00555177	0.00145792	0.686915	-1.45579	0.0749801	0.850452	-1.17585	0.913013	1.00897	1.00897	0.720061	1.02983	1.02983	0.149306	1.13463	1.13463	0.0336514	0.816538	-1.22468	0.00269756	0.71273	-1.40306	0.322715	0.919943	-1.08702	0.0247229	1.24411	1.24411	7.10708	0.751113	0.0939424	1
cg27661381	PVRL2;PVRL2	0.00748322	0.00225421	0.450947	-2.21756	0.958758	0.990412	-1.00968	0.536594	0.889963	-1.12364	0.0552012	0.667026	-1.49919	0.01408	0.568584	-1.75875	0.00530435	0.50434	-1.98279	0.557234	1.11693	1.11693	0.249569	1.25129	1.25129	0.0308478	1.60372	1.60372	6.47855	3.5609	0.488573	1
cg06720949	PVRL2;PVRL2	0.0334183	0.324447	0.657437	-1.52106	0.24624	1.64838	1.64838	0.397288	0.699607	-1.42937	0.661787	1.19892	1.19892	0.000701892	0.118895	-8.41077	0.892848	0.945968	-1.05712	0.152148	0.531394	-1.88184	0.267633	0.621297	-1.60953	0.48745	0.747691	-1.33745	3.93221	10.5792	2.39147	1
cg24577452	PVRL2;PVRL2;PVRL2;PVRL2	0.00537624	0.721358	1.12925	1.12925	0.0553035	2.09051	2.09051	0.0524563	2.11393	2.11393	0.482662	0.784908	-1.27404	0.98932	1.00455	1.00455	0.422788	1.32038	1.32038	0.000152503	0.110286	-9.0673	0.281345	1.46236	1.46236	0.597084	1.1985	1.1985	7.1775	13.0972	1.62201	1
cg19522294	PVRL3	0.00244872	0.000939598	0.430108	-2.325	0.000633617	0.407578	-2.45352	0.243221	1.23217	1.23217	0.30848	1.19747	1.19747	0.082498	1.38932	1.38932	0.0368102	0.660569	-1.51385	0.0528279	1.45686	1.45686	0.0668683	0.703819	-1.42082	0.686322	0.932942	-1.07188	9.08728	4.20689	0.411504	1
cg23719848	PVRL3	0.00648305	0.0369654	2.08326	2.08326	0.0830707	0.559161	-1.78839	0.0695295	0.540647	-1.84964	0.310482	1.37425	1.37425	0.00228834	0.274782	-3.63925	0.1372	1.62413	1.62413	0.00920145	2.72294	2.72294	0.564124	0.838091	-1.19319	?	?	?	6.91673	8.93624	1.29197	1
cg22845901	PVRL3	0.0159336	0.0324177	1.35259	1.35259	0.814483	1.02875	1.02875	0.932446	0.989828	-1.01028	0.000480547	0.516548	-1.93593	0.974192	0.996106	-1.00391	0.122027	0.816996	-1.224	0.308995	0.880759	-1.13538	0.379847	0.897054	-1.11476	0.554993	0.930526	-1.07466	5.07801	1.16964	0.204741	1
cg15136953	PVRL3	0.0176112	0.0141544	0.244124	-4.09627	0.0615546	0.374982	-2.6668	0.0499786	0.353044	-2.83251	0.204319	0.535841	-1.86623	0.00423574	0.168093	-5.94907	0.0460128	0.344703	-2.90104	0.00197611	0.130553	-7.6597	0.126687	0.46325	-2.15866	0.0566368	0.36605	-2.73187	4.91102	16.874	3.05418	1
cg05529157	PVRL3	0.0466424	0.0818508	0.627432	-1.5938	0.0145476	0.48307	-2.0701	0.0328289	0.54688	-1.82855	0.6575	1.1139	1.1139	0.0735819	1.61965	1.61965	0.0320334	0.544863	-1.83532	0.984646	1.00466	1.00466	0.968753	1.00951	1.00951	0.954772	1.01381	1.01381	3.47841	3.21939	0.822698	1
cg10453343	PVRL4	3.27E-05	0.000588319	2.15133	2.15133	8.86E-06	4.01582	4.01582	0.000192348	2.47422	2.47422	0.0031551	1.78963	1.78963	0.019838	1.50042	1.50042	0.027696	0.686956	-1.4557	6.14E-06	4.30637	4.30637	0.0003445	2.29575	2.29575	0.0503138	1.37972	1.37972	29.7692	9.81275	0.293002	1
cg12808664	PVRL4	0.00038713	0.0113347	0.436183	-2.29262	0.755693	0.921573	-1.0851	0.0053917	0.383427	-2.60806	0.000559293	0.246484	-4.05706	0.000513233	0.241941	-4.13323	4.19E-05	0.129936	-7.6961	0.0294512	0.511181	-1.95626	0.0627176	1.72984	1.72984	0.00678208	0.399255	-2.50466	15.3378	16.6341	0.964015	1
cg19272744	PVRL4	0.00155519	0.0214937	2.05421	2.05421	0.00188974	3.15159	3.15159	0.257828	0.735082	-1.36039	0.0593978	1.74139	1.74139	0.204243	0.705242	-1.41795	0.00816402	0.413784	-2.41672	0.000365439	4.42935	4.42935	0.0167141	2.14129	2.14129	0.336011	1.29508	1.29508	10.3711	11.1592	0.956442	1
cg16557111	PVRL4	0.00454773	0.505857	0.897899	-1.11371	0.533882	1.10574	1.10574	0.0101616	0.596199	-1.67729	0.00344978	0.530678	-1.88438	0.000531044	0.422887	-2.3647	0.237961	1.21801	1.21801	0.16143	1.26945	1.26945	0.0393675	0.683676	-1.46268	0.140381	0.776431	-1.28795	7.55349	3.04494	0.358326	1
cg00756887	PVRL4	0.00932943	0.131005	0.618794	-1.61605	0.0115753	0.394826	-2.53276	0.00360278	0.313457	-3.19023	0.365638	0.760627	-1.3147	0.000822067	0.226798	-4.40921	0.0100083	0.383983	-2.60428	0.0414042	0.500372	-1.99851	0.149269	0.634318	-1.5765	0.0393672	0.495776	-2.01704	6.04295	8.29296	1.21985	1
cg10888244	PVRL4	0.0124698	0.0102961	4.78817	4.78817	0.368659	1.56404	1.56404	0.992488	0.99545	-1.00457	0.191836	0.512074	-1.95284	0.214184	0.530731	-1.88419	0.0151285	0.235549	-4.24541	0.89662	1.065	1.065	0.00255072	7.59605	7.59605	0.259012	1.76905	1.76905	5.50437	20.4561	3.30341	1
cg24599107	PVRL4	0.013805	0.0113165	9.96871	9.96871	0.0316199	6.21502	6.21502	0.128435	3.29161	3.29161	0.644052	1.40118	1.40118	0.237871	2.45074	2.45074	0.0352309	0.168955	-5.91875	0.00579585	13.7406	13.7406	0.00824046	11.5877	11.5877	0.392689	1.88671	1.88671	5.32436	44.3233	7.39966	1
cg03166324	PVRL4	0.0244869	0.80996	0.945823	-1.05728	0.037118	1.74986	1.74986	0.495269	0.852061	-1.17363	0.856149	1.04285	1.04285	0.0107948	0.476933	-2.09673	0.42494	1.2073	1.2073	0.778302	0.936828	-1.06743	0.00254462	0.379783	-2.63308	0.866827	0.96194	-1.03957	4.38873	3.71544	0.75252	1
cg04891053	PVRL4	0.026453	0.00593605	0.236555	-4.22734	0.0794223	0.458379	-2.1816	0.133617	0.522987	-1.91209	0.00643076	0.241715	-4.13711	0.0338696	0.37067	-2.69782	0.00923565	0.266122	-3.75768	0.394215	0.704948	-1.41854	0.0446533	0.39709	-2.51832	0.130826	0.520154	-1.92251	4.27219	10.8606	2.2597	1
cg13975989	PVRL4	0.0297092	0.145071	1.56845	1.56845	0.021043	0.450135	-2.22156	0.00395403	0.327963	-3.04913	0.59197	0.85589	-1.16837	0.0561778	0.536853	-1.86271	0.706074	0.896757	-1.11513	0.0599097	0.543061	-1.84142	0.039374	0.50383	-1.9848	0.257208	0.711703	-1.40508	4.10099	5.37288	1.16457	1
cg16276523	PVRL4	0.0377736	0.0631021	2.91448	2.91448	0.0790476	2.71234	2.71234	0.0525307	3.08946	3.08946	0.417831	1.52753	1.52753	0.0783355	2.7202	2.7202	0.508934	0.709738	-1.40897	0.00317935	7.85838	7.85838	0.0192528	4.25821	4.25821	0.345404	1.6442	1.6442	3.76135	15.598	3.68616	1
cg22585988	PVRL4;PVRL4	0.000261398	0.00119689	2.44462	2.44462	0.000169324	3.33538	3.33538	0.0204371	1.69222	1.69222	0.594245	0.903716	-1.10654	0.381302	0.844438	-1.18422	0.00124074	2.43197	2.43197	1.73E-05	5.24763	5.24763	0.130276	1.3603	1.3603	0.245598	1.25693	1.25693	17.0811	9.59158	0.499141	1
cg10864979	PVT1	6.88E-05	7.60E-05	0.318615	-3.13858	0.969123	0.993849	-1.00619	0.0253721	0.654653	-1.52753	0.0132216	0.612886	-1.63162	6.43E-05	0.310085	-3.22492	0.000294614	0.39062	-2.56003	0.00333414	0.528928	-1.89062	0.784491	0.957243	-1.04467	5.48E-06	0.194378	-5.14461	24.4647	9.84612	0.357745	1
cg26753608	PVT1	0.00020503	0.000107945	0.112485	-8.8901	0.000424598	0.167517	-5.96954	0.000483768	0.173504	-5.76357	0.000544887	0.179079	-5.58412	0.0133446	0.374886	-2.66748	0.00405475	0.290796	-3.43884	8.07E-05	0.102582	-9.74829	0.0302721	0.442502	-2.25988	0.000203203	0.13616	-7.34429	18.2478	29.6102	1.44237	1
cg26984263	PVT1	0.000216464	0.944288	1.00438	1.00438	0.219409	1.08408	1.08408	0.303242	0.935516	-1.06893	0.463243	0.954401	-1.04778	0.000153168	0.666477	-1.50043	0.0859125	1.12596	1.12596	1.60E-05	1.74436	1.74436	0.018555	0.836564	-1.19537	0.556569	0.963511	-1.03787	17.981	1.11274	0.0550083	1
cg03691530	PVT1	0.000267956	0.307768	1.20743	1.20743	0.141699	0.754184	-1.32594	0.000297878	2.86092	2.86092	0.00046815	2.66962	2.66962	0.00496084	0.514689	-1.94292	0.575291	0.90387	-1.10635	0.0896821	1.3966	1.3966	5.52E-05	3.81855	3.81855	0.0503483	1.48928	1.48928	16.966	8.56599	0.448794	1
cg05907939	PVT1	0.00173036	0.000157846	0.114677	-8.72013	0.0377209	0.445923	-2.24254	0.0928945	0.538208	-1.85802	0.0585736	0.488698	-2.04625	0.000147817	0.11233	-8.90233	0.0505964	0.474031	-2.10957	0.148994	0.59536	-1.67966	0.829695	1.07485	1.07485	0.0206791	0.393115	-2.54379	10.0561	17.8834	1.58077	1
cg03915740	PVT1	0.00204	0.00510883	0.389794	-2.56546	0.151024	0.675812	-1.4797	0.191438	0.703158	-1.42216	0.641516	1.12681	1.12681	0.000114229	0.178323	-5.60779	0.0194425	0.487041	-2.05322	0.704589	0.907563	-1.10185	0.00389888	0.37176	-2.68991	0.00215834	0.333995	-2.99406	9.5864	9.84444	0.912815	1
cg10202727	PVT1	0.00213929	0.000779594	0.197977	-5.05109	0.0111019	0.362533	-2.75837	0.0190479	0.404777	-2.47049	0.0232054	0.421166	-2.37436	0.00203676	0.250114	-3.99818	0.0084953	0.342863	-2.91661	0.00348042	0.282649	-3.53796	0.0638607	0.514905	-1.94211	0.000410799	0.167358	-5.97521	9.45434	15.2046	1.42952	1
cg09499844	PVT1	0.00228609	0.548896	1.20366	1.20366	0.958379	0.984177	-1.01608	0.173613	0.642457	-1.55652	0.135683	1.63469	1.63469	3.55E-05	0.0872596	-11.4601	0.557393	1.19883	1.19883	0.339055	1.35143	1.35143	0.862206	1.05453	1.05453	0.089739	0.564586	-1.77121	9.27247	13.7169	1.31494	1
cg22283754	PVT1	0.00256716	0.0235639	0.497597	-2.00966	0.587724	1.15176	1.15176	0.0405236	0.543024	-1.84154	0.885499	0.963491	-1.03789	7.72E-05	0.157566	-6.34657	0.00473173	0.37963	-2.63414	0.28594	1.33116	1.33116	0.755879	0.922656	-1.08383	0.075652	0.600247	-1.66598	8.9618	9.45663	0.937969	1
cg23898497	PVT1	0.00333256	0.00436857	0.218827	-4.56981	0.00195764	0.174246	-5.73902	0.00127085	0.153149	-6.52958	0.0247619	0.344124	-2.90593	0.0190145	0.322008	-3.10551	0.0224282	0.335685	-2.97898	0.0016629	0.166051	-6.02224	0.61701	0.817728	-1.2229	0.0052243	0.229793	-4.35175	8.29445	20.9243	2.24239	1
cg00555695	PVT1	0.00433612	0.871562	0.978222	-1.02226	0.979275	0.996471	-1.00354	0.706289	0.949786	-1.05287	0.269296	0.855085	-1.16947	0.000165968	0.417656	-2.39432	0.00792507	0.62916	-1.58942	0.0747185	1.31016	1.31016	0.52249	1.09221	1.09221	0.0247444	0.695035	-1.43878	7.66341	2.24761	0.260704	1
cg02133716	PVT1	0.005035	0.0220764	0.630448	-1.58617	0.0650181	0.705965	-1.4165	0.034634	0.661023	-1.51281	0.0468364	0.682195	-1.46586	0.00134713	0.457191	-2.18727	0.214268	0.802729	-1.24575	0.0115922	0.588368	-1.69962	0.23843	0.812599	-1.23062	0.000294776	0.37123	-2.69375	7.32298	3.27566	0.397611	1
cg00780520	PVT1	0.0069868	0.000855066	0.160328	-6.2372	0.00619987	0.27139	-3.68473	0.0122766	0.319888	-3.1261	0.0303211	0.394375	-2.53566	0.0358287	0.409654	-2.44109	0.0475556	0.436858	-2.28907	0.702393	0.869104	-1.15061	0.00886903	0.296058	-3.37772	0.00747684	0.284095	-3.51995	6.61901	13.9994	1.88003	1
cg09857826	PVT1	0.00776165	0.00293735	0.320106	-3.12396	0.0122314	0.418784	-2.38786	0.0808215	0.582813	-1.71582	0.087866	0.591386	-1.69094	0.0717804	0.570894	-1.75164	0.0439259	0.524306	-1.90728	0.00200712	0.296495	-3.37273	0.386537	0.780733	-1.28085	0.0014742	0.278138	-3.59534	6.40475	7.88765	1.09469	1
cg11146550	PVT1	0.00914517	0.123944	0.690948	-1.44729	0.356872	1.23401	1.23401	0.599089	0.888952	-1.12492	0.433591	1.194	1.194	0.000389452	0.285112	-3.50739	0.0907345	0.661321	-1.51212	0.101238	0.671523	-1.48915	0.341024	1.24323	1.24323	0.0115905	0.496418	-2.01443	6.0814	4.74231	0.693161	1
cg22853542	PVT1	0.0109721	0.00080544	0.227699	-4.39177	0.0217878	0.446767	-2.23831	0.038123	0.494923	-2.02052	0.0803653	0.56688	-1.76404	0.0140725	0.411889	-2.42784	0.465569	0.804676	-1.24274	0.104178	0.594603	-1.68179	0.352272	0.755696	-1.32328	0.00359926	0.315537	-3.1692	5.73722	7.78118	1.20557	1
cg23295629	PVT1	0.0114091	0.00137369	0.341234	-2.93054	0.199838	0.730747	-1.36846	0.0315802	0.557758	-1.79289	0.325337	0.790395	-1.26519	0.00134109	0.339798	-2.94293	0.0445995	0.586198	-1.70591	0.0572078	0.607569	-1.6459	0.954343	0.986827	-1.01335	0.048473	0.593261	-1.6856	5.66538	4.81319	0.755182	1
cg24146714	PVT1	0.0115878	0.0123656	0.267547	-3.73766	0.00364829	0.18924	-5.28431	0.014773	0.280816	-3.56105	0.784822	0.890592	-1.12285	0.00377087	0.191096	-5.23297	0.307398	0.639342	-1.56411	0.00490525	0.206359	-4.84592	0.521938	0.759741	-1.31624	0.0720252	0.427358	-2.33996	5.63698	16.0012	2.5232	1
cg20516032	PVT1	0.0136589	0.297107	0.695098	-1.43865	0.274109	0.681887	-1.46652	0.00727774	0.312019	-3.20494	0.291548	0.69196	-1.44517	0.0199619	0.388694	-2.57271	0.00826707	0.321017	-3.1151	0.00446602	0.279192	-3.58177	0.989572	0.995613	-1.00441	0.00396826	0.271624	-3.68156	5.34298	9.5794	1.59368	1
cg04148515	PVT1	0.0140658	0.00265847	0.283177	-3.53137	0.358763	0.750909	-1.33172	0.252556	0.69572	-1.43736	0.994259	1.00219	1.00219	0.00153076	0.250452	-3.99278	0.612817	0.856487	-1.16756	0.914885	1.03299	1.03299	0.482129	1.24219	1.24219	0.0134511	0.394962	-2.53189	5.29172	7.72357	1.29738	1
cg24514600	PVT1	0.0189359	0.0137456	0.178471	-5.60314	0.054511	0.291096	-3.4353	0.0401732	0.261497	-3.82413	0.170734	0.438126	-2.28245	0.0276463	0.229217	-4.36267	0.0773637	0.3293	-3.03675	0.00356757	0.107158	-9.33205	0.00808406	0.146765	-6.81361	0.0157899	0.187662	-5.32874	4.79253	24.2931	4.50572	1
cg12753009	PVT1	0.0202084	0.704491	1.07619	1.07619	0.83771	1.04031	1.04031	0.0408676	0.634549	-1.57592	0.12706	0.727606	-1.37437	0.0742549	1.46712	1.46712	0.294615	1.23302	1.23302	0.00391402	2.11344	2.11344	0.12217	1.38103	1.38103	0.0560698	0.659025	-1.51739	4.68802	2.75716	0.522782	1
cg23307326	PVT1	0.0218587	0.0082724	0.190956	-5.2368	0.00678726	0.179034	-5.58552	0.0747437	0.377836	-2.64665	0.198663	0.513741	-1.94651	0.00763829	0.186077	-5.37413	0.0475858	0.329232	-3.03737	0.125105	0.443081	-2.25693	0.359833	0.63026	-1.58665	0.00843725	0.19218	-5.20347	4.56401	17.379	3.38473	1
cg02100150	PVT1	0.0237686	0.174313	0.436396	-2.2915	0.000488895	0.0435028	-22.987	0.0194456	0.197682	-5.05864	0.884381	0.919896	-1.08708	0.142336	0.404537	-2.47196	0.480507	0.662653	-1.50909	0.19393	0.454451	-2.20046	0.307066	0.545128	-1.83443	0.797032	0.862526	-1.15938	4.43424	23.1236	4.63535	1
cg27538901	PVT1	0.0248903	0.0127957	0.660017	-1.51511	0.0104562	0.648517	-1.54198	0.0605646	0.75253	-1.32885	0.0236278	0.695519	-1.43777	0.0534304	0.744697	-1.34283	0.184826	0.827812	-1.208	0.0817817	1.29583	1.29583	0.204907	0.835499	-1.19689	0.867732	1.02265	1.02265	4.3639	1.24779	0.254163	1
cg25922329	PVT1	0.0327756	0.00615616	0.216611	-4.61657	0.0899449	0.449317	-2.2256	0.00973661	0.246716	-4.05324	0.063197	0.408855	-2.44586	0.29367	0.627352	-1.594	0.220409	0.576096	-1.73582	0.00842411	0.236875	-4.22163	0.249174	0.597173	-1.67456	0.0386912	0.358846	-2.78671	3.95974	11.4901	2.57932	1
cg16883691	PVT1	0.0353256	0.176744	0.83733	-1.19427	0.0673427	0.776115	-1.28847	0.329572	0.883025	-1.13247	0.84075	1.02519	1.02519	0.0366517	0.740676	-1.35012	0.904399	0.985254	-1.01497	0.0111434	1.48197	1.48197	0.130944	1.22341	1.22341	0.0969064	1.25268	1.25268	3.85419	0.933097	0.2152	1
cg03458957	PVT1	0.0374982	0.00630662	0.360876	-2.77103	0.0510551	0.529064	-1.89013	0.124561	0.620997	-1.61031	0.0851707	0.579666	-1.72513	0.0120496	0.407766	-2.45239	0.0961138	0.592418	-1.688	0.871705	0.954751	-1.04739	0.41795	0.788877	-1.26763	0.0124149	0.410026	-2.43887	3.77142	4.90307	1.15561	1
cg25558617	PVT1	0.0377227	0.0138774	0.235633	-4.24389	0.00681306	0.18884	-5.29549	0.0200219	0.263288	-3.79812	0.314409	0.609774	-1.63995	0.0396062	0.322536	-3.10043	0.118186	0.44637	-2.2403	0.0372662	0.316782	-3.15675	0.237331	0.55509	-1.80151	0.041771	0.327647	-3.05206	3.7632	13.4745	3.18275	1
cg23063070	PVT1;MIR1206	0.00715173	0.681989	0.907869	-1.10148	0.844845	1.04704	1.04704	0.331418	0.790493	-1.26503	0.170561	0.710078	-1.4083	0.000928322	0.313492	-3.18987	0.00929379	0.461064	-2.1689	0.00125587	0.331179	-3.01951	0.534395	1.15907	1.15907	0.0429383	0.578951	-1.72726	6.571	5.72796	0.774847	1
cg01621145	PVT1;MIR1206	0.0209421	0.0182555	0.660722	-1.5135	0.151817	0.800844	-1.24868	0.0523368	0.726741	-1.37601	0.164844	0.807086	-1.23902	0.000837189	0.483375	-2.06879	0.575453	1.08528	1.08528	0.090891	0.763841	-1.30917	0.728083	0.950767	-1.05178	0.0705067	0.746487	-1.33961	4.63139	1.53462	0.294536	1
cg01084257	PVT1;MIR1206	0.0247458	0.0858617	0.545744	-1.83236	0.243742	0.677655	-1.47568	0.0161911	0.391241	-2.55597	0.010412	0.357304	-2.79874	0.00143624	0.229851	-4.35064	0.144176	0.606205	-1.64961	0.476241	0.79366	-1.25999	0.942144	1.02343	1.02343	0.194908	0.645696	-1.54872	4.37274	7.04915	1.43295	1
cg24830367	PWP1	0.036914	0.0809346	0.347554	-2.87725	0.446376	0.654512	-1.52786	0.0116997	0.179017	-5.58606	0.385812	0.615376	-1.62502	0.0653003	0.323043	-3.09556	0.279995	0.54156	-1.84652	0.00294708	0.10758	-9.29538	0.827358	1.12668	1.12668	0.0315778	0.252431	-3.96148	3.79308	17.9157	4.19845	1
cg21339445	PWP2	0.0228627	0.00322082	0.331579	-3.01588	0.503752	0.830002	-1.20482	0.337517	0.762212	-1.31197	0.0725566	1.73359	1.73359	0.639408	1.13836	1.13836	0.882714	0.960271	-1.04137	0.623446	0.872934	-1.14556	0.492369	1.21105	1.21105	0.00454854	0.354198	-2.82328	4.49412	5.36779	1.06169	1
cg00037450	PWP2	0.0475181	0.887827	1.03398	1.03398	0.0307193	1.82361	1.82361	0.107214	1.51625	1.51625	0.067643	1.62358	1.62358	0.554223	0.867944	-1.15215	0.582573	1.14043	1.14043	0.00991176	0.462434	-2.16247	0.86028	1.04259	1.04259	0.134648	1.46497	1.46497	3.45411	3.06572	0.78894	1
cg13152531	PWRN1	0.00507081	0.0178056	0.221765	-4.50927	0.0613791	0.332249	-3.00979	0.589654	0.752273	-1.32931	0.792568	0.871287	-1.14773	0.911574	0.943578	-1.0598	0.3315	0.592269	-1.68842	0.00945812	5.58031	5.58031	0.000397835	0.0524962	-19.049	0.0285388	0.259013	-3.86081	7.30715	31.6296	3.84763	1
cg15564871	PWRN2	0.023494	0.00958259	0.204141	-4.89858	0.014747	0.233677	-4.27942	0.276	0.57756	-1.73142	0.0911298	2.46315	2.46315	0.230222	0.543469	-1.84003	0.181546	0.503064	-1.98782	0.352286	1.58993	1.58993	0.0359913	0.306765	-3.25982	0.0221668	0.264867	-3.77549	4.45209	16.5469	3.3037	1
cg07004950	PWWP2A	3.07E-06	0.74441	1.05464	1.05464	0.0116285	0.598741	-1.67017	0.00270119	0.50965	-1.96213	1.97E-05	0.244971	-4.08211	1.45E-07	0.0684454	-14.6102	0.00208362	0.494332	-2.02293	4.46E-06	0.179565	-5.56903	0.0058458	1.79829	1.79829	0.000217946	0.366892	-2.7256	55.0411	23.0544	0.372319	1
cg19535980	PWWP2A;PWWP2A	0.00560364	0.0300454	1.67193	1.67193	0.00273015	0.434626	-2.30083	0.529469	0.879582	-1.1369	0.011205	1.89671	1.89671	0.600478	1.1123	1.1123	0.171624	1.3406	1.3406	0.00229191	2.35994	2.35994	0.50199	0.87176	-1.14711	0.449323	0.856174	-1.16799	7.08679	4.55332	0.571119	1
cg14074042	PWWP2A;PWWP2A	0.00720225	0.0929825	1.48657	1.48657	?	?	?	0.160575	0.725028	-1.37926	0.00892991	0.489896	-2.04125	0.424385	1.19126	1.19126	0.000808606	0.338215	-2.9567	0.0889814	0.668712	-1.49541	0.258356	0.776469	-1.28788	0.179819	1.35744	1.35744	6.69247	4.33576	0.647856	1
cg01904774	PWWP2A;PWWP2A	0.00806329	0.887179	0.950244	-1.05236	0.722201	1.13694	1.13694	0.239545	1.55702	1.55702	0.0218508	0.37187	-2.68911	0.000355812	0.127326	-7.85385	?	?	?	0.885819	1.05301	1.05301	0.108307	1.87728	1.87728	0.943476	1.02582	1.02582	6.45809	11.7512	1.8196	1
cg03617054	PWWP2A;PWWP2A	0.00857808	0.276087	0.741606	-1.34843	0.25604	0.731371	-1.3673	0.790549	0.932172	-1.07276	0.877068	1.04169	1.04169	0.0201434	0.47733	-2.09499	0.112038	0.633449	-1.57866	0.000203969	0.193449	-5.16932	0.00961115	0.421074	-2.37488	0.26732	0.73719	-1.3565	6.20605	6.84299	0.980117	1
cg20858350	PWWP2B;PWWP2B	2.31E-05	9.18E-05	3.01065	3.01065	0.000224822	2.63351	2.63351	0.325794	1.17359	1.17359	2.76E-05	3.68052	3.68052	0.000189915	2.69813	2.69813	0.000120835	2.88547	2.88547	2.80E-06	5.87919	5.87919	0.000260374	2.57942	2.57942	0.000224702	2.63371	2.63371	32.6304	12.8635	0.350416	1
cg15278699	PWWP2B;PWWP2B	0.000363495	0.235059	0.861989	-1.16011	0.0275226	1.36486	1.36486	0.127289	1.21747	1.21747	0.448174	0.911887	-1.09663	0.000174806	0.467732	-2.13798	0.00316608	1.61788	1.61788	0.0272607	1.36583	1.36583	0.000129115	0.452075	-2.21202	0.484629	0.918744	-1.08844	15.6061	3.51954	0.200465	1
cg23256829	PWWP2B;PWWP2B	0.000728159	0.0108463	0.742504	-1.34679	0.00141863	0.65067	-1.53688	0.00360245	0.692972	-1.44306	0.336965	1.0965	1.0965	0.265595	1.11401	1.11401	0.000536075	1.65088	1.65088	0.00639505	1.39123	1.39123	0.0876025	0.839054	-1.19182	0.0587081	0.81978	-1.21984	12.8679	1.76501	0.121924	1
cg23009921	PWWP2B;PWWP2B	0.000856078	2.11E-05	0.207588	-4.81722	0.268154	0.809302	-1.23563	0.813784	0.957639	-1.04424	0.422659	0.860501	-1.16211	0.716991	1.06906	1.06906	0.0012308	0.420244	-2.37957	0.0626587	1.46856	1.46856	0.778059	0.949486	-1.0532	0.0652233	0.684064	-1.46185	12.2951	6.55275	0.473737	1
cg02865896	PWWP2B;PWWP2B	0.00438818	0.317106	0.672262	-1.48752	0.00504065	0.240696	-4.15462	0.0035776	0.219773	-4.55016	0.00134959	0.167347	-5.97562	0.0508522	0.425627	-2.34948	0.0134731	0.308937	-3.2369	0.00104054	0.154998	-6.45168	0.905137	0.955253	-1.04684	0.0403634	0.402816	-2.48253	7.63575	17.8305	2.07568	1
cg05957393	PWWP2B;PWWP2B	0.00622832	0.928324	0.984873	-1.01536	0.00192326	0.47525	-2.10416	0.000408214	0.386238	-2.58908	0.247267	0.814687	-1.22747	0.0599906	0.698036	-1.43259	0.522856	0.896095	-1.11595	0.222656	1.24248	1.24248	0.0220103	0.627901	-1.59261	0.426734	0.871547	-1.14739	6.85952	3.11813	0.404062	1
cg24646285	PWWP2B;PWWP2B	0.0211121	0.0517501	0.743807	-1.34443	0.569233	0.925971	-1.07995	0.0160367	1.48303	1.48303	0.0442583	0.734213	-1.362	0.138589	1.2376	1.2376	0.0665134	0.759485	-1.31668	0.0418164	1.36844	1.36844	0.702071	0.949911	-1.05273	0.0881374	1.28608	1.28608	4.61862	1.30759	0.251656	1
cg19919881	PWWP2B;PWWP2B	0.0220617	0.0604456	1.69117	1.69117	0.0176506	2.04692	2.04692	0.0120585	2.17472	2.17472	0.260527	1.33808	1.33808	0.104582	1.55311	1.55311	0.0688488	1.65751	1.65751	0.0221291	1.97557	1.97557	0.0187685	2.02723	2.02723	0.00303003	2.74088	2.74088	4.54956	4.43763	0.867019	1
cg07733247	PWWP2B;PWWP2B	0.0375309	0.82553	0.93614	-1.06822	0.184	1.52388	1.52388	0.0326234	2.11151	2.11151	0.560171	1.19254	1.19254	0.161025	0.639238	-1.56436	0.0291441	2.1564	2.1564	0.282166	1.39662	1.39662	0.0137082	0.402107	-2.4869	0.334303	0.74257	-1.34667	3.77021	5.33482	1.25777	1
cg15012692	PWWP2B;PWWP2B	0.0381977	0.555746	1.1154	1.1154	0.0480534	1.51306	1.51306	0.332337	1.20115	1.20115	0.717207	1.06893	1.06893	0.132185	1.34686	1.34686	0.504226	1.13225	1.13225	0.00544826	1.95436	1.95436	0.0406301	1.54224	1.54224	0.00414609	2.02255	2.02255	3.74602	1.99268	0.472841	1
cg00433292	PWWP2B;PWWP2B	0.0436957	0.0936917	0.653795	-1.52953	0.00942535	0.468299	-2.13539	0.452389	0.838213	-1.19301	0.42412	0.82846	-1.20706	0.120303	1.47472	1.47472	0.829237	1.05105	1.05105	0.0225327	1.87732	1.87732	0.203862	0.734072	-1.36226	0.526533	0.862489	-1.15943	3.56448	3.00019	0.748168	1
cg12855310	PWWP2B;PWWP2B	0.0499585	0.182589	0.76181	-1.31266	0.0720597	0.679648	-1.47135	0.506523	0.878419	-1.13841	0.00577681	0.49877	-2.00493	0.346235	0.829799	-1.20511	0.332068	1.21224	1.21224	0.051732	1.53086	1.53086	0.587963	0.900131	-1.11095	0.163907	0.751473	-1.33072	3.3892	1.98581	0.52082	1
cg00038342	PXDN	7.45E-05	0.00614577	1.35571	1.35571	0.301341	1.09545	1.09545	0.141251	1.14418	1.14418	0.318249	1.09179	1.09179	1.17E-05	0.453647	-2.20436	2.50E-05	0.490219	-2.0399	0.00657201	0.740455	-1.35052	0.0666818	1.19129	1.19129	0.386	0.927136	-1.07859	23.9521	2.74923	0.102027	1
cg18530712	PXDN	0.000308557	0.000138286	0.32067	-3.11847	0.00100119	0.430229	-2.32435	0.00162653	0.458614	-2.18049	0.0228305	0.624829	-1.60044	4.55E-05	0.264191	-3.78514	0.103473	0.735321	-1.35995	0.000865017	0.421791	-2.37084	0.00510615	0.5279	-1.8943	0.000790458	0.416614	-2.4003	16.3239	7.70628	0.419631	1
cg24767423	PXDN	0.00045277	0.0107419	0.606071	-1.64997	3.32E-05	0.284202	-3.51862	0.0341687	0.679692	-1.47126	0.0324415	0.676269	-1.4787	0.0121145	0.613498	-1.63	5.40E-05	0.308494	-3.24155	0.105882	0.758879	-1.31773	0.47	1.12167	1.12167	0.141674	0.781255	-1.27999	14.6888	5.67725	0.343557	1
cg26063629	PXDN	0.00171053	0.136281	0.836719	-1.19514	0.0250898	1.34436	1.34436	0.0034167	1.5555	1.5555	0.224683	1.15216	1.15216	0.994439	1.00077	1.00077	0.000251937	0.511575	-1.95475	0.0129306	0.709879	-1.40869	0.582428	1.06361	1.06361	0.0935803	1.22728	1.22728	10.0897	1.97085	0.173629	1
cg17801352	PXDN	0.00248183	0.00537751	0.268715	-3.72142	0.378469	0.723261	-1.38263	0.117718	0.54381	-1.83888	0.136801	0.562891	-1.77654	0.00112545	0.179228	-5.57949	0.173323	0.594832	-1.68115	0.239804	0.643186	-1.55476	8.74E-05	0.0802872	-12.4553	0.0157605	0.346175	-2.88871	9.05145	18.4294	1.80984	1
cg08380973	PXDN	0.00279172	0.00816979	0.587371	-1.7025	0.000192492	0.372689	-2.6832	0.156173	0.787832	-1.26931	0.0043715	0.549687	-1.81922	0.0096672	0.597677	-1.67314	0.0548928	0.710185	-1.40808	0.376368	0.867013	-1.15339	0.320003	1.17531	1.17531	0.00531833	0.561405	-1.78125	8.74263	3.42151	0.347875	1
cg14671764	PXDN	0.00492973	0.482114	1.33166	1.33166	0.214512	1.6886	1.6886	0.00965221	0.268977	-3.71778	0.967711	1.01636	1.01636	0.020735	0.327463	-3.05378	0.00449241	0.219004	-4.56613	0.000913732	0.137067	-7.29571	0.509053	1.30807	1.30807	0.161772	1.82028	1.82028	7.37036	18.7626	2.26283	1
cg24129977	PXDN	0.00562749	0.971917	1.00452	1.00452	0.00456613	1.62271	1.62271	0.156283	0.823338	-1.21457	0.873819	0.979835	-1.02058	0.281507	0.866353	-1.15426	0.0979748	0.792413	-1.26197	0.000859983	0.526514	-1.89928	0.304158	0.872489	-1.14615	0.00643475	0.634927	-1.57498	7.07755	1.8416	0.231291	1
cg07872947	PXDN	0.00730269	0.0124204	0.543158	-1.84108	0.00373377	0.46385	-2.15587	0.0483295	0.642378	-1.55671	0.571303	0.893841	-1.11877	0.00846213	0.517135	-1.93373	0.202006	0.76777	-1.30247	0.0026031	0.441208	-2.2665	0.159357	0.744528	-1.34313	0.00158486	0.410849	-2.43398	6.52825	3.97859	0.541726	1
cg23634829	PXDN	0.010529	0.151283	1.211	1.211	0.844028	0.975774	-1.02483	0.0811016	1.27224	1.27224	0.983106	1.00264	1.00264	0.0271911	0.722182	-1.38469	0.805842	0.969805	-1.03114	0.0100619	1.4984	1.4984	0.0880442	0.791068	-1.26411	0.00259455	0.594748	-1.68138	5.81378	1.42727	0.21822	1
cg06599209	PXDN	0.013518	0.0311859	0.275612	-3.62828	0.0380211	0.293505	-3.4071	0.3589	0.618279	-1.61739	0.0483245	0.316656	-3.158	0.00513561	0.15199	-6.5794	0.0787912	0.369763	-2.70444	0.0024648	0.116956	-8.55022	0.211108	1.95721	1.95721	0.0350655	0.286069	-3.49565	5.36118	22.0566	3.65701	1
cg12351906	PXDN	0.0142919	0.915367	0.978482	-1.02199	0.00077554	0.353141	-2.83173	0.854608	1.03825	1.03825	0.0757948	0.66738	-1.4984	0.128192	0.714258	-1.40005	0.39918	0.8381	-1.19317	0.014266	1.85606	1.85606	0.871633	0.967451	-1.03364	0.936833	1.01635	1.01635	5.26403	3.49094	0.589483	1
cg01454538	PXDN	0.0147832	0.980386	0.996247	-1.00377	0.968748	1.00601	1.00601	0.0153986	0.634612	-1.57577	0.626564	0.927752	-1.07787	0.00083888	0.463761	-2.15628	0.307929	1.17516	1.17516	0.0151163	0.633465	-1.57862	0.472323	1.11829	1.11829	0.306137	0.850406	-1.17591	5.20569	1.92833	0.329268	1
cg12624031	PXDN	0.0164598	0.741258	0.933026	-1.07178	0.0271112	0.578504	-1.7286	0.156111	0.728016	-1.3736	0.231211	1.30048	1.30048	0.000407976	0.308862	-3.23769	0.599781	1.11714	1.11714	0.580261	0.889711	-1.12396	0.844069	0.959638	-1.04206	0.749943	0.935292	-1.06919	5.02337	3.4822	0.616178	1
cg08166568	PXDN	0.0231693	0.0107708	0.264939	-3.77445	0.0565467	0.408626	-2.44723	0.108374	0.483769	-2.0671	0.0286677	0.342965	-2.91575	0.0216312	0.318737	-3.13738	0.0888906	0.45934	-2.17703	0.014344	0.286051	-3.49588	0.130351	1.96866	1.96866	0.0784403	0.44466	-2.24891	4.47353	12.1782	2.4198	1
cg01928136	PXDN	0.0238923	0.86366	0.981002	-1.01937	0.00832345	1.45702	1.45702	0.879546	0.983218	-1.01707	0.944444	0.992252	-1.00781	0.416142	1.09719	1.09719	0.108637	1.21567	1.21567	0.00409537	1.53706	1.53706	0.0331537	0.757343	-1.32041	0.357197	1.11146	1.11146	4.42628	0.87313	0.175343	1
cg24741066	PXDN	0.0265963	0.107217	2.18531	2.18531	0.00229952	6.64803	6.64803	0.977609	0.987599	-1.01256	0.276253	1.65457	1.65457	0.521353	0.749019	-1.33508	0.82503	1.10345	1.10345	0.0729639	0.410973	-2.43325	0.0155826	3.73842	3.73842	0.443327	1.41553	1.41553	4.26412	13.3502	2.78295	1
cg08216099	PXDN	0.0295351	0.00327892	0.0978577	-10.2189	0.673161	0.781857	-1.27901	0.0302548	0.22818	-4.38251	0.0730546	0.31361	-3.18868	0.047177	0.267851	-3.73342	0.793651	0.858946	-1.16422	0.971216	0.979289	-1.02115	0.3981	0.60542	-1.65174	0.00616083	0.12587	-7.94473	4.10954	21.8969	4.73627	1
cg08084799	PXDN	0.0340131	0.683821	1.04264	1.04264	0.638174	1.04949	1.04949	0.033644	1.28794	1.28794	0.10812	1.19575	1.19575	0.446667	0.923946	-1.08231	0.229509	1.13722	1.13722	0.00213982	1.55245	1.55245	0.411853	0.917988	-1.08934	0.192347	0.86873	-1.15111	3.9073	0.643588	0.146413	1
cg19769520	PXDN	0.0384163	0.127788	0.759666	-1.31637	0.0432325	0.678274	-1.47433	0.0156194	0.609644	-1.6403	0.922887	1.01629	1.01629	0.84363	1.03352	1.03352	0.741246	1.05688	1.05688	0.0105085	1.71177	1.71177	0.234057	0.811997	-1.23153	0.319615	0.842233	-1.18732	3.7382	1.65004	0.392356	1
cg03267487	PXDN	0.0470268	0.0723133	0.437919	-2.28353	0.118134	0.497308	-2.01083	0.0530726	0.404562	-2.47181	0.153706	0.53321	-1.87543	0.0178573	0.305635	-3.27188	0.0593428	0.416284	-2.40221	0.00771047	0.244293	-4.09344	0.454952	1.36798	1.36798	0.118939	0.498194	-2.00725	3.46767	9.30921	2.38629	1
cg23858189	PXDN	0.047456	0.741898	0.909847	-1.09909	0.0469589	0.522006	-1.91569	0.0655306	0.553838	-1.80558	0.863618	1.05038	1.05038	0.00238097	0.297965	-3.3561	0.0367315	0.499721	-2.00112	0.119015	0.616509	-1.62204	0.74812	0.91201	-1.09648	0.269935	0.720075	-1.38875	3.45581	4.47282	1.15048	1
cg26672652	PXDNL	4.18E-06	0.386047	0.894125	-1.11841	1.73E-05	0.329793	-3.0322	0.000141793	0.437516	-2.28563	0.571659	1.07464	1.07464	1.01E-07	0.113813	-8.78633	0.164186	0.829495	-1.20555	0.973012	0.995749	-1.00427	0.406653	1.11283	1.11283	4.62E-05	0.379543	-2.63475	50.841	12.7709	0.223283	1
cg25164777	PXDNL	1.98E-05	0.000161289	0.466711	-2.14265	0.452688	0.913485	-1.09471	0.882102	0.9826	-1.01771	0.0694954	0.786505	-1.27145	0.000216006	0.481793	-2.07558	0.000965827	0.559249	-1.78811	1.24E-06	0.228047	-4.38507	?	?	?	2.25E-05	0.366179	-2.73091	34.8446	6.86295	0.196959	1
cg22859585	PXDNL	0.000909343	0.0741149	1.4307	1.4307	0.0111923	0.564357	-1.77193	0.114729	0.734409	-1.36164	0.153375	1.31669	1.31669	0.000216224	0.329272	-3.03701	0.00048944	0.374179	-2.67252	0.297051	1.21477	1.21477	0.0176928	1.68066	1.68066	0.534215	0.892892	-1.11996	12.0874	6.1999	0.455932	1
cg06626135	PXDNL	0.00401193	0.587011	0.915248	-1.0926	0.0752834	0.726297	-1.37685	0.0607042	0.710741	-1.40698	0.661611	1.07371	1.07371	0.00210231	0.497324	-2.01076	0.939654	1.0123	1.0123	0.000199746	0.364799	-2.74123	0.135967	1.29621	1.29621	0.145818	0.777126	-1.28679	7.84544	3.23982	0.367072	1
cg25996148	PXDNL	0.00469952	0.973133	1.01005	1.01005	0.00737991	0.358616	-2.7885	0.743439	0.907048	-1.10248	0.820175	0.934603	-1.06997	0.0765692	0.557024	-1.79525	0.841689	0.942327	-1.0612	0.000101039	0.129138	-7.74368	0.266055	1.41093	1.41093	0.207088	0.673536	-1.4847	7.47851	10.4508	1.24218	1
cg20073313	PXDNL	0.00544076	0.0556105	1.793	1.793	0.707077	1.10697	1.10697	0.812878	0.93816	-1.06592	0.304503	1.33144	1.33144	0.0113722	2.34654	2.34654	0.432914	1.2404	1.2404	0.000209781	5.30732	5.30732	0.00319604	2.95517	2.95517	0.921734	0.973892	-1.02681	7.15128	8.20748	1.02017	1
cg00269553	PXDNL	0.00874989	0.496085	1.16221	1.16221	0.487997	0.857915	-1.16562	0.215275	1.32805	1.32805	0.168514	1.37597	1.37597	0.0273493	1.76445	1.76445	0.475992	0.854149	-1.17076	0.000248757	3.72562	3.72562	0.0143478	1.92822	1.92822	0.253894	1.29584	1.29584	6.16723	4.62116	0.666053	1
cg20480642	PXDNL	0.0142716	0.0245535	3.40003	3.40003	0.00220258	7.10749	7.10749	0.209447	1.83029	1.83029	0.357648	1.54074	1.54074	0.443508	0.699778	-1.42903	0.962438	0.97871	-1.02175	0.375011	0.659644	-1.51597	0.00254734	6.77413	6.77413	0.773249	0.876333	-1.14112	5.26649	17.4158	2.93947	1
cg13274978	PXDNL	0.0194263	0.921225	0.983917	-1.01635	0.010389	1.69722	1.69722	0.278461	1.20288	1.20288	0.479409	1.12508	1.12508	0.438207	1.13839	1.13839	0.0228924	0.640052	-1.56237	0.00257109	1.98411	1.98411	0.519728	0.898554	-1.1129	0.709479	0.940501	-1.06326	4.75125	2.02177	0.378243	1
cg00046623	PXDNL	0.0226061	0.94677	1.01324	1.01324	0.0791647	0.681252	-1.46789	0.096148	0.697811	-1.43305	0.0214308	0.580274	-1.72332	0.0808861	0.68306	-1.464	0.275728	0.799883	-1.25018	0.00318873	2.20998	2.20998	0.621827	0.906729	-1.10287	0.436673	0.855336	-1.16913	4.51162	2.771	0.545949	1
cg23973272	PXDNL	0.0227274	0.204638	1.39716	1.39716	0.0508532	1.74341	1.74341	0.00838014	0.431023	-2.32006	0.208904	1.39233	1.39233	0.24333	1.35668	1.35668	0.340357	1.27829	1.27829	0.276838	1.32659	1.32659	0.0281443	1.91139	1.91139	0.0429621	0.558776	-1.78963	4.50332	4.45293	0.878944	1
cg21514857	PXDNL	0.0427752	0.00975319	2.69156	2.69156	0.0206768	2.32579	2.32579	0.887767	1.04371	1.04371	0.723518	1.1136	1.1136	0.45901	1.25659	1.25659	0.0530451	1.94633	1.94633	0.01814	2.38488	2.38488	0.0202979	2.33404	2.33404	0.967512	0.987738	-1.01241	3.59285	5.22172	1.29188	1
cg13492337	PXDNL	0.0431714	0.102729	1.71958	1.71958	0.0416262	2.04048	2.04048	0.227548	0.680713	-1.46905	0.49279	1.23553	1.23553	0.574042	1.18821	1.18821	0.117942	1.67444	1.67444	0.0129664	2.55053	2.55053	0.0278162	2.20216	2.20216	0.143682	0.620623	-1.61128	3.58055	5.22789	1.29785	1
cg20087192	PXK	0.00758519	0.086744	0.716173	-1.39631	0.461042	1.14159	1.14159	0.242366	0.805807	-1.24099	0.263194	0.813967	-1.22855	0.00966649	0.561132	-1.78211	0.0473864	0.670127	-1.49226	0.000829721	0.411421	-2.4306	0.00141908	0.442707	-2.25883	0.521373	0.891641	-1.12153	6.45113	3.18154	0.438379	1
cg14875449	PXK	0.00801372	0.0117473	0.579941	-1.72431	0.0227721	1.60286	1.60286	0.031732	1.54624	1.54624	0.138198	1.31825	1.31825	0.371329	0.853086	-1.17221	0.0112321	0.577031	-1.73301	0.033582	0.650695	-1.53682	0.0559856	0.687471	-1.45461	0.125891	0.750758	-1.33199	6.34073	3.00906	0.421831	1
cg14272175	PXK	0.00817801	0.664011	1.07706	1.07706	0.775656	1.04973	1.04973	0.00331375	1.97258	1.97258	0.849441	1.0328	1.0328	0.00476228	0.529099	-1.89	0.0970589	0.733944	-1.3625	0.0404926	1.49461	1.49461	0.0373363	1.50748	1.50748	0.0482022	1.46739	1.46739	6.30033	2.87859	0.406128	1
cg18261783	PXK	0.0191391	0.276449	0.805152	-1.242	0.467834	1.15191	1.15191	0.215475	0.779117	-1.2835	0.0704952	0.679088	-1.47256	0.256615	0.797171	-1.25444	0.549594	0.890556	-1.12289	0.000706683	2.68616	2.68616	0.811651	1.04676	1.04676	0.607704	1.10421	1.10421	4.77527	2.77197	0.515987	1
cg23549972	PXK	0.0373632	0.424597	0.858037	-1.16545	0.0636509	0.676048	-1.47919	0.0198926	0.589933	-1.69511	0.809068	1.0465	1.0465	0.00763781	0.525226	-1.90394	0.954214	1.01084	1.01084	0.0089722	0.535817	-1.86631	0.518193	1.13088	1.13088	0.923368	0.982097	-1.01823	3.77638	2.1085	0.4963	1
cg24175188	PXK	0.0376223	0.130768	0.453245	-2.20631	0.00512676	0.166436	-6.00831	0.0226558	0.266251	-3.75585	0.139424	0.462396	-2.16265	0.719907	1.1908	1.1908	0.158845	0.48175	-2.07576	0.0985535	2.40732	2.40732	0.684696	1.21894	1.21894	0.666015	1.23441	1.23441	3.76687	14.0307	3.31089	1
cg06643156	PXK	0.0491903	0.0199969	2.60355	2.60355	0.795151	0.915139	-1.09273	0.126838	1.75561	1.75561	0.206695	0.63514	-1.57445	0.988055	1.00512	1.00512	0.407414	0.749134	-1.33487	0.513494	1.25339	1.25339	0.0040781	3.72041	3.72041	0.693835	1.14436	1.14436	3.4092	6.27237	1.63541	1
cg21894028	PXMP2	0.0174123	0.0141582	0.46418	-2.15434	0.804322	1.06496	1.06496	0.982265	1.00565	1.00565	0.644228	1.12513	1.12513	0.000729692	0.271987	-3.67665	0.595687	0.873043	-1.14542	0.175074	1.44144	1.44144	0.801625	1.06591	1.06591	0.124881	0.656275	-1.52375	4.92977	5.01851	0.90489	1
cg01226748	PXMP2	0.0224252	0.876726	1.06209	1.06209	0.0203098	0.337671	-2.96147	0.0679757	0.452361	-2.21063	0.883265	1.05867	1.05867	0.000972629	0.148881	-6.71676	0.150635	0.550008	-1.81816	0.47873	0.756187	-1.32242	0.894647	0.949883	-1.05276	0.0254545	0.356809	-2.80262	4.5241	10.7907	2.12014	1
cg26271840	PXMP2	0.024026	0.101363	0.39214	-2.55011	0.619243	0.769948	-1.29879	0.161071	0.457862	-2.18406	0.413319	0.646317	-1.54723	0.504617	0.70233	-1.42383	0.0195586	0.229362	-4.35992	0.00370416	0.129172	-7.74159	0.690546	0.811527	-1.23225	0.00203273	0.103272	-9.68314	4.41774	19.0558	3.8342	1
cg05508447	PXMP2;POLE	0.00118934	3.00E-05	0.314827	-3.17635	0.19377	1.21478	1.21478	0.989975	0.998224	-1.00178	0.926702	1.01311	1.01311	0.164057	0.810495	-1.23381	0.00105903	0.504046	-1.98395	0.351307	0.873075	-1.14538	0.52183	1.09622	1.09622	0.659613	0.939208	-1.06473	11.2003	3.55167	0.281872	1
cg00451054	PXMP3;PXMP3	0.000427958	0.0608973	0.620857	-1.61068	0.000465938	3.46166	3.46166	0.552518	0.873209	-1.1452	0.000778434	3.14883	3.14883	0.243111	0.759126	-1.31731	0.00828947	2.14163	2.14163	0.175404	0.72244	-1.3842	0.00017181	4.22215	4.22215	0.0396222	0.584565	-1.71067	14.9194	12.0289	0.716672	1
cg12894990	PXMP3;PXMP3	0.00172197	0.0102322	0.34934	-2.86254	?	?	?	0.0495789	0.48295	-2.07061	0.627927	1.17195	1.17195	0.000208569	0.133176	-7.50889	0.000497807	0.170325	-5.87115	0.741302	0.897959	-1.11364	0.0555179	0.494101	-2.02388	0.419848	1.30704	1.30704	10.3026	15.3089	1.48592	1
cg20310071	PXMP3;PXMP3	0.00433881	0.032742	0.774019	-1.29196	0.000427819	1.77124	1.77124	0.0449498	1.26611	1.26611	0.802362	0.974613	-1.02605	0.103945	1.19997	1.19997	0.524703	0.93604	-1.06833	0.0082678	0.707321	-1.41379	0.468771	1.07851	1.07851	0.262037	1.1274	1.1274	7.66197	1.27581	0.148011	1
cg22345515	PXMP3;PXMP3	0.00913967	0.333878	1.35344	1.35344	0.0650537	1.87577	1.87577	0.358043	1.33242	1.33242	0.518648	0.819806	-1.2198	0.209064	0.668937	-1.49491	0.279748	1.40664	1.40664	0.000252134	0.160023	-6.24911	0.92742	1.02805	1.02805	0.495162	1.23407	1.23407	6.08256	8.88244	1.29806	1
cg16479131	PXMP3;PXMP3	0.0107723	0.605437	1.08543	1.08543	0.000925113	0.459227	-2.17757	0.99028	0.998086	-1.00192	0.567282	1.09522	1.09522	0.613187	1.08349	1.08349	0.935829	1.01275	1.01275	0.00263507	1.92471	1.92471	0.741411	1.05347	1.05347	0.247471	1.20951	1.20951	5.77125	2.2618	0.348362	1
cg17490648	PXMP3;PXMP3	0.0182563	0.485832	1.29026	1.29026	0.839117	0.929459	-1.0759	0.195717	1.63623	1.63623	0.0766679	2.03113	2.03113	0.931521	1.03141	1.03141	0.00886028	0.301541	-3.3163	0.00314242	0.233917	-4.27502	0.350848	0.707837	-1.41275	0.0557498	0.458416	-2.18142	4.85199	9.95114	1.82306	1
cg19929029	PXMP3;PXMP3	0.038151	0.547755	0.871111	-1.14796	0.00485182	2.33331	2.33331	0.0176709	1.9244	1.9244	0.323887	0.793648	-1.26	0.283124	0.776488	-1.28785	0.861546	1.04039	1.04039	0.216195	0.744364	-1.34343	0.938011	1.0178	1.0178	0.11104	1.48262	1.48262	3.7477	3.05421	0.724407	1
cg24270031	PXMP4;PXMP4	0.000378444	0.0610869	0.735846	-1.35898	0.442736	1.12046	1.12046	0.107844	0.774924	-1.29045	0.726663	0.950276	-1.05233	1.17E-05	3.85325	3.85325	0.00358102	1.77421	1.77421	0.00985783	1.60639	1.60639	0.0801416	0.754171	-1.32596	0.937298	1.0115	1.0115	15.434	5.16255	0.297327	1
cg26537568	PXMP4;PXMP4	0.005138	0.00247797	0.162667	-6.14753	0.00730301	0.224599	-4.45237	0.0105048	0.249041	-4.01541	0.0441491	0.368518	-2.71357	0.00154257	0.13996	-7.14492	0.0155647	0.277837	-3.59923	0.00331951	0.177961	-5.61922	0.666636	0.829365	-1.20574	0.0224147	0.306991	-3.25743	7.2778	21.4825	2.62381	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01260366	PXMP4;PXMP4	0.00924383	0.00521586	0.343667	-2.90979	0.0270376	0.468328	-2.13526	0.749935	1.09709	1.09709	0.978075	1.008	1.008	0.00762072	0.370001	-2.7027
cg25358761	PXMP4;PXMP4	0.0109111	0.233425	0.850947	-1.17516	0.148957	1.22136	1.22136	0.00198154	1.7585	1.7585	0.0988462	0.791523	-1.26339	0.142416	1.22595	1.22595
cg20588982	PXMP4;PXMP4	0.0149193	0.0706362	0.643567	-1.55384	0.187707	0.737435	-1.35605	0.080488	0.655117	-1.52645	0.155374	0.717717	-1.39331	0.122068	0.693787	-1.44136
cg12297619	PXMP4;PXMP4	0.0169477	0.0752127	1.47445	1.47445	0.347167	1.20892	1.20892	0.667601	0.918809	-1.08837	0.137895	1.3677	1.3677	0.00127856	2.5107	2.5107
cg06231372	PXMP4;PXMP4	0.0279348	0.125875	0.757154	-1.32074	0.843713	1.03371	1.03371	0.772136	0.952398	-1.04998	0.715059	0.940272	-1.06352	0.661841	1.07673	1.07673
cg27361727	PXMP4;PXMP4	0.0463903	0.0268518	0.535436	-1.86764	0.00407921	0.399199	-2.50501	0.322847	0.784051	-1.27543	0.633993	0.892018	-1.12105	0.334775	0.789007	-1.26742
cg25092328	PXMP4;PXMP4;PXMP4;PXMP4	0.0103887	0.430389	0.880844	-1.13527	0.628147	0.92595	-1.07997	0.153822	1.27213	1.27213	0.404683	1.14385	1.14385	0.0177939	1.57492	1.57492
cg27168573	PXN;PXN	0.00151341	0.0182027	0.427857	-2.33723	0.0423666	0.500419	-1.99832	0.0160095	0.417636	-2.39443	0.607457	0.857755	-1.16583	0.000235128	0.164392	-6.08302
cg24932394	PXN;PXN	0.0249845	0.0976305	1.12859	1.12859	0.136228	1.11278	1.11278	0.699354	0.974501	-1.02617	0.298172	0.930735	-1.07442	0.00111079	1.37686	1.37686
cg15893360	PXN;PXN	0.0324806	0.960445	0.982031	-1.0183	0.446011	1.32844	1.32844	0.524225	0.789815	-1.26612	0.164517	0.581462	-1.7198	0.000812828	0.157858	-6.33481
cg15971542	PXN;PXN;PXN	0.0110072	0.618668	1.08464	1.08464	0.23674	1.22229	1.22229	0.000681421	0.431518	-2.3174	0.372246	1.15989	1.15989	0.0579933	0.706821	-1.41478
cg14094027	PXN;PXN;PXN	0.0128955	0.00929226	0.136749	-7.31265	0.208814	0.449891	-2.22276	0.00992366	0.140343	-7.12539	0.0490878	0.258114	-3.87426	0.0172354	0.173891	-5.75072
cg04256697	PXN;PXN;PXN	0.019537	0.900475	0.972743	-1.02802	0.000389892	0.286822	-3.48648	0.995792	1.00117	1.00117	0.169929	0.72406	-1.3811	0.80315	1.05672	1.05672
cg15055810	PXN;PXN;PXN	0.0300371	0.937249	1.01788	1.01788	0.0684978	0.631847	-1.58266	0.30903	0.788987	-1.26745	0.631654	1.11487	1.11487	0.00163579	0.362214	-2.7608
cg07419011	PXN;PXN;PXN	0.0326245	0.0174853	0.471345	-2.12159	0.0596989	0.57547	-1.73771	0.458961	0.821942	-1.21663	0.079002	0.602198	-1.66058	0.00308179	0.34875	-2.86738
cg01866518	PXN;PXN;PXN	0.0377836	0.137104	0.709302	-1.40984	0.461762	1.17433	1.17433	0.396603	0.830113	-1.20466	0.517961	0.86885	-1.15095	0.000998524	0.350533	-2.8528
cg05556917	PXT1	0.000958339	0.0626913	0.77765	-1.28593	2.59E-05	0.367707	-2.71956	0.0240121	0.723803	-1.38159	0.301678	1.1371	1.1371	0.200682	1.17618	1.17618
cg22089736	PXT1	0.00241951	0.887095	0.980363	-1.02003	0.346136	0.873331	-1.14504	0.0584751	0.741977	-1.34775	0.888618	0.980628	-1.01976	0.00458569	0.590476	-1.69355
cg24873872	PXT1	0.00828887	0.908007	0.968145	-1.0329	0.014729	2.31799	2.31799	0.358425	1.30275	1.30275	0.00100676	3.92338	3.92338	0.560521	0.848035	-1.1792
cg20951539	PXT1	0.0156808	0.0164426	0.343109	-2.91453	0.0482411	2.27883	2.27883	0.756653	0.892775	-1.1201	0.4183	1.35227	1.35227	0.00201573	0.203994	-4.90211
cg22897198	PXT1	0.0165933	0.629741	1.0735	1.0735	0.221449	0.828912	-1.2064	0.807053	0.964906	-1.03637	0.350935	0.869214	-1.15047	0.336149	0.8652	-1.1558
cg17825294	PXT1	0.0188093	0.142967	0.765233	-1.30679	0.00644565	0.547643	-1.82601	0.000756489	0.419822	-2.38196	0.236804	0.810046	-1.2345	0.0350959	0.658854	-1.51779
cg04296250	PXT1	0.0352366	0.0329251	0.343243	-2.91339	0.387148	0.683894	-1.46222	0.0876216	0.445674	-2.24379	0.527875	0.76023	-1.31539	0.00335854	0.180808	-5.53074
cg11956813	PXT1	0.0401477	0.117032	0.81853	-1.2217	0.0122187	0.692691	-1.44364	0.00386784	0.632757	-1.58038	0.88942	1.0165	1.0165	0.368123	1.11485	1.11485
cg17784808	PXT1;KCTD20	0.0250883	0.103192	0.540727	-1.84936	0.777748	0.907005	-1.10253	0.670874	0.862913	-1.15887	0.896297	1.04601	1.04601	0.00538112	0.282511	-3.53968
cg24170535	PXT1;PXT1;KCTD20;KCTD20	0.0296183	0.267312	1.22716	1.22716	0.605019	1.09683	1.09683	0.720677	1.06567	1.06567	0.238464	1.24448	1.24448	0.0724178	1.42634	1.42634
cg27615603	PYCARD;PYCARD	0.000104767	4.88E-05	0.254035	-3.93647	0.068158	1.44272	1.44272	0.00322793	0.486227	-2.05665	0.954028	0.989708	-1.0104	5.80E-06	0.160389	-6.23485
cg00327577	PYCARD;PYCARD	0.000203146	0.691337	0.922846	-1.0836	0.00786113	0.503503	-1.98609	0.0593357	0.651621	-1.53463	0.391993	1.19297	1.19297	0.0525504	0.641805	-1.55811
cg16413327	PYCARD;PYCARD	0.00238513	0.268074	0.706668	-1.41509	0.050487	0.511271	-1.95591	0.000883701	0.223189	-4.48051	0.00880802	0.36648	-2.72866	0.00437836	0.318109	-3.14358
cg15247144	PYCARD;PYCARD	0.00253113	0.141989	0.683356	-1.46337	5.47E-05	6.12496	6.12496	0.152461	0.690994	-1.44719	0.561307	0.867924	-1.15217	0.80635	0.942489	-1.06102
cg08730348	PYCARD;PYCARD	0.00371003	0.00103502	0.190187	-5.258	0.00251315	4.19257	4.19257	0.373326	1.36636	1.36636	0.0538205	2.1123	2.1123	0.199184	0.629177	-1.58938
cg09115984	PYCARD;PYCARD	0.00432747	0.000976175	0.15913	-6.28418	0.000576924	7.35867	7.35867	0.369269	1.41275	1.41275	0.175569	1.71555	1.71555	0.465671	0.757137	-1.32076
cg07461837	PYCARD;PYCARD	0.0112145	0.0198083	0.436007	-2.29354	0.0337713	0.481232	-2.078	0.0126044	0.400426	-2.49734	0.143866	0.6292	-1.58932	0.000608076	0.210391	-4.75306
cg05907835	PYCARD;PYCARD	0.0120484	0.00178484	0.102571	-9.74935	0.00480719	6.79564	6.79564	0.152064	2.19428	2.19428	0.863965	1.0918	1.0918	0.0568887	0.33165	-3.01522
cg05214748	PYCARD;PYCARD	0.0213639	0.00246264	0.113532	-8.80806	0.00667864	6.16006	6.16006	0.753165	1.17702	1.17702	0.781612	1.1544	1.1544	0.0679175	0.347708	-2.87598
cg12100791	PYCARD;PYCARD	0.0219462	0.00137205	0.114292	-8.74949	0.0131721	4.20295	4.20295	0.449883	1.43287	1.43287	0.934107	0.962108	-1.03938	0.462372	0.705052	-1.41834
cg11970458	PYCARD;PYCARD	0.0317179	0.0158069	0.598189	-1.67171	0.192801	1.27066	1.27066	0.03512	0.65274	-1.532	0.651459	1.08224	1.08224	0.183105	0.78232	-1.27825
cg15468095	PYCARD;PYCARD	0.0390306	0.00691728	0.199632	-5.00922	0.902371	0.945002	-1.0582	0.808335	1.11854	1.11854	0.520996	1.3497	1.3497	0.0173009	0.262783	-3.80542
cg05361373	PYCARD;PYCARD	0.044876	0.149199	0.512555	-1.95101	0.00343686	5.56904	5.56904	0.0471019	0.374633	-2.66928	0.217168	0.570602	-1.75253	0.305061	0.631958	-1.58238
cg01059100	PYCARD;PYCARD	0.0455931	0.00562519	0.0979823	-10.2059	0.0239041	5.59846	5.59846	0.513708	1.52699	1.52699	0.874381	0.903823	-1.10641	0.0905084	0.303588	-3.29393
cg09587549	PYCARD;PYCARD;PYCARD;PYCARD	0.00161158	0.330204	0.814445	-1.22783	2.45E-05	5.55827	5.55827	0.506962	0.871512	-1.14743	0.571222	1.124	1.124	0.469173	0.860338	-1.16233
cg09866102	PYCARD;PYCARD;PYCARD;PYCARD	0.0447301	0.136022	0.381653	-2.62018	0.00313728	11.2618	11.2618	0.361257	0.569646	-1.75548	0.156387	2.48207	2.48207	0.257807	0.492602	-2.03004
cg15213604	PYCR1;PYCR1	0.000275787	0.00607461	0.567779	-1.76125	0.0102923	1.6667	1.6667	0.161088	1.26679	1.26679	0.0453639	0.695819	-1.43716	2.91E-05	0.273652	-3.65428
cg08228715	PYCR1;PYCR1	0.000424692	0.655556	0.938089	-1.066	0.029487	0.694246	-1.44041	0.0424784	1.39456	1.39456	0.877588	1.02218	1.02218	0.266995	1.17895	1.17895
cg20187825	PYCR1;PYCR1	0.012013	0.00936938	0.616585	-1.62184	0.287377	0.850335	-1.17601	0.198617	1.22064	1.22064	0.233025	0.832327	-1.20145	0.327407	0.862106	-1.15995
cg19202384	PYCR1;PYCR1	0.024864	0.0519031	0.421569	-2.37209	0.0127734	0.29879	-3.34683	0.0419203	0.400288	-2.4982	0.330865	0.67583	-1.47966	0.0181381	0.326124	-3.06632
cg22202154	PYCR1;PYCR1	0.0351388	0.555055	1.46668	1.46668	0.396879	1.74902	1.74902	0.00280643	0.0506736	-19.7341	0.394155	1.75505	1.75505	0.538003	0.670189	-1.49212
cg19846318	PYCR1;PYCR1	0.0381565	0.588687	0.86958	-1.14998	0.913198	0.972475	-1.0283	0.0186641	0.482007	-2.07466	0.503607	0.840519	-1.18974	0.00776535	0.416842	-2.39899
cg06086141	PYCR2	8.48E-06	0.000273657	0.334003	-2.99398	0.0141946	0.573208	-1.74457	0.000146223	0.3006	-3.32668	0.815213	0.957853	-1.044	4.90E-07	0.0748378	-13.3622
cg24361896	PYCR2	0.000304447	0.0310714	0.857692	-1.16592	0.00227919	1.2954	1.2954	0.179143	0.917083	-1.09041	0.102203	1.11459	1.11459	0.371711	1.05721	1.05721
cg02458039	PYCR2	0.00921044	0.597886	0.880847	-1.13527	0.389595	1.23387	1.23387	0.434103	1.20954	1.20954	0.126153	1.48354	1.48354	0.00037452	0.257699	-3.8805
cg07049680	PYCR2	0.0407637	0.0340935	0.739276	-1.35268	0.113945	1.23375	1.23375	0.733075	0.959047	-1.0427	0.541026	0.927198	-1.07852	0.427609	1.10399	1.10399
cg00021855	PYCRL	0.000418269	0.00334939	0.333744	-2.99631	0.0157489	0.443346	-2.25557	0.0238948	0.476693	-2.09779	0.467133	0.815958	-1.22555	5.36E-05	0.125992	-7.93703
cg25088355	PYCRL	0.00192221	0.983191	0.995676	-1.00434	0.961076	0.990011	-1.01009	0.261102	1.27264	1.27264	0.617816	0.901698	-1.10902	0.408214	0.840285	-1.19007
cg11946432	PYCRL	0.00836998	0.194173	0.834481	-1.19835	0.00923658	1.54536	1.54536	0.746268	0.958134	-1.0437	0.319117	0.873164	-1.14526	0.807296	0.968321	-1.03272
cg17879709	PYCRL	0.0150674	0.0506738	0.730069	-1.36973	0.00683309	0.609551	-1.64055	0.209482	0.829534	-1.2055	0.00584613	0.600592	-1.66502	0.00339557	0.569674	-1.75539
cg21458840	PYCRL	0.0203018	0.0150205	2.70579	2.70579	0.0400728	0.453843	-2.20341	0.785044	1.09531	1.09531	0.0507067	0.476478	-2.09873	0.415288	1.31951	1.31951
cg09383106	PYDC1;TRIM72	0.0028055	0.533329	0.889491	-1.12424	0.0438542	0.65053	-1.53721	0.00375697	0.483807	-2.06694	0.0282464	0.618281	-1.61739	0.00723232	0.52556	-1.90273
cg27612447	PYDC1;TRIM72	0.0213811	0.582619	0.828851	-1.20649	0.0763542	0.513334	-1.94805	0.0127408	0.351073	-2.84841	0.622316	1.18284	1.18284	0.11846	0.563695	-1.77401
cg13061403	PYDC2	0.0045732	0.742923	0.947839	-1.05503	0.00023026	0.369541	-2.70606	0.0110861	0.595459	-1.67938	0.0457247	0.688781	-1.45184	0.301713	0.840163	-1.19025
cg02738255	PYGB	0.00142827	0.000547372	0.246524	-4.0564	0.0867134	1.63789	1.63789	0.298515	0.755012	-1.32448	0.343253	1.28998	1.28998	0.00228694	0.328856	-3.04085
cg06421707	PYGB	0.0166932	0.831336	1.02579	1.02579	0.210475	0.854249	-1.17062	0.763838	0.964668	-1.03663	0.376851	0.897395	-1.11434	0.0572566	1.29276	1.29276
cg04348305	PYGB	0.0352669	0.0257436	0.0708803	-14.1083	0.0941674	6.2903	6.2903	0.344363	2.64682	2.64682	0.921325	1.10376	1.10376	0.0379455	0.0902793	-11.0767
cg14768558	PYGB	0.0497344	0.0366007	0.705781	-1.41687	0.736726	1.0496	1.0496	0.127809	0.789624	-1.26643	0.640804	1.06974	1.06974	0.29656	0.856186	-1.16797
cg18705240	PYGL;PYGL	0.000374578	0.0588158	0.45918	-2.17779	0.729716	0.881186	-1.13483	0.898993	1.0474	1.0474	0.168328	0.58545	-1.70809	0.490979	0.774817	-1.29063
cg19839026	PYGL;PYGL	0.011049	0.584914	1.28564	1.28564	0.017769	3.71709	3.71709	0.787492	1.13097	1.13097	0.23896	1.7538	1.7538	0.151329	0.496401	-2.0145
cg26286805	PYGL;PYGL	0.0369973	0.0469852	4.65874	4.65874	0.705848	0.777717	-1.28582	0.00237548	19.3946	19.3946	0.299716	0.488737	-2.04609	0.863828	0.892489	-1.12046
cg22960284	PYGL;PYGL	0.0455506	0.0538487	0.538464	-1.85713	0.149393	0.645869	-1.5483	0.933736	0.976758	-1.02379	0.257294	0.715822	-1.397	0.816613	1.0679	1.0679
cg01604547	PYGL;PYGL	0.0484249	0.525076	0.86342	-1.15818	0.19373	0.730841	-1.36829	0.0321048	0.564141	-1.77261	0.699984	1.09231	1.09231	0.0104765	0.479674	-2.08475
cg06943981	PYGL;PYGL;PYGL;PYGL	0.000486089	0.00104523	0.536763	-1.86302	0.137672	0.814635	-1.22754	0.000617903	0.508728	-1.96569	0.0423779	0.740969	-1.34958	0.0433289	1.3472	1.3472
cg21805221	PYGL;PYGL;PYGL;PYGL	0.0499748	0.687472	0.757385	-1.32033	0.0987107	0.288206	-3.46974	0.217923	2.43655	2.43655	0.90499	1.08551	1.08551	0.860146	0.885875	-1.12883
cg03663788	PYGM;PYGM	0.00723952	0.000467704	0.247188	-4.04551	0.168227	1.45226	1.45226	0.421739	1.23187	1.23187	0.443965	1.21934	1.21934	0.425635	0.813252	-1.22963
cg24235466	PYGM;PYGM	0.00873963	0.434962	0.893323	-1.11942	0.128456	0.792393	-1.262	0.00369621	0.573744	-1.74294	0.176497	0.815885	-1.22566	0.665811	0.940319	-1.06347
cg09138437	PYGM;PYGM	0.00978446	0.783828	0.972725	-1.02804	0.00966441	1.38998	1.38998	0.00434112	1.46712	1.46712	0.4196	1.08647	1.08647	0.0166576	0.745292	-1.34176
cg08926035	PYGM;PYGM	0.0258121	0.944946	1.01641	1.01641	0.831367	0.950985	-1.05154	0.520601	0.857729	-1.16587	0.875636	0.963762	-1.0376	0.568726	1.1454	1.1454
cg12071131	PYGM;PYGM	0.0425541	0.914474	0.97306	-1.02769	0.0104469	2.26934	2.26934	0.486203	0.835378	-1.19706	0.566061	0.862892	-1.15889	0.0763039	0.605728	-1.6509
cg09273289	PYGO1	0.00398072	0.000797777	0.494283	-2.02313	0.0460745	1.37445	1.37445	0.0276109	0.695991	-1.4368	0.216153	1.19854	1.19854	0.00780525	0.621764	-1.60833
cg06364757	PYGO1	0.00432704	0.0538061	0.696411	-1.43593	0.00027609	0.373847	-2.67489	0.306874	1.19101	1.19101	0.261263	1.21362	1.21362	0.260719	0.823787	-1.21391
cg23030278	PYGO1	0.0050892	0.960799	0.994012	-1.00602	0.119068	0.813257	-1.22962	0.00557752	1.56019	1.56019	0.00112583	0.556647	-1.79647	0.0786545	1.26954	1.26954
cg11480800	PYGO1	0.0167813	0.0815902	1.27332	1.27332	0.941549	1.00922	1.00922	0.00423977	1.61476	1.61476	0.649187	1.05901	1.05901	0.0251087	1.39586	1.39586
cg13878116	PYGO1	0.0247984	0.909125	1.06846	1.06846	0.000967199	0.0579242	-17.2639	0.305046	0.540144	-1.85136	0.937709	1.04637	1.04637	0.526817	0.689449	-1.45043
cg23483572	PYGO1	0.030666	0.619673	1.13968	1.13968	0.923508	0.975216	-1.02541	0.415816	1.24276	1.24276	0.416352	0.804872	-1.24243	0.0498278	1.79431	1.79431
cg25902187	PYGO1	0.0465136	0.00920223	2.64746	2.64746	0.522063	0.826093	-1.21052	0.0287764	2.1368	2.1368	0.1357	1.60553	1.60553	0.314576	1.35827	1.35827
cg22608655	PYGO2	0.00481071	0.00129859	0.289784	-3.45084	0.00413716	0.361859	-2.76351	0.126416	0.645881	-1.54827	0.141302	0.658214	-1.51926	0.4588	0.819194	-1.22071
cg01277844	PYGO2	0.0249784	0.812656	1.03192	1.03192	0.208164	1.192	1.192	0.0185163	1.45938	1.45938	?	?	?	0.00204799	1.77723	1.77723
cg02490589	PYHIN1;PYHIN1;PYHIN1;PYHIN1	2.78E-06	2.29E-07	0.13892	-7.19839	0.250956	0.858764	-1.16446	0.0485697	0.751266	-1.33109	0.0207844	0.702389	-1.42371	0.00418845	1.62736	1.62736
cg25464787	PYHIN1;PYHIN1;PYHIN1;PYHIN1	3.71E-05	1.26E-06	0.0217143	-46.0526	0.0515058	0.506181	-1.97558	0.00102411	0.224215	-4.46	0.000188186	0.144425	-6.924	0.391638	0.763695	-1.30942
cg11237207	PYHIN1;PYHIN1;PYHIN1;PYHIN1	0.000205438	0.00024256	0.15227	-6.56727	0.059241	0.516628	-1.93563	0.000722803	0.202929	-4.92784	0.492937	1.24102	1.24102	0.500572	1.23617	1.23617
cg26246880	PYHIN1;PYHIN1;PYHIN1;PYHIN1	0.00376704	0.00075578	0.041384	-24.1639	0.0239356	0.186365	-5.36581	0.0363113	0.21922	-4.56162	0.00996195	0.131395	-7.61062	0.0056391	0.10379	-9.6348
cg11177526	PYHIN1;PYHIN1;PYHIN1;PYHIN1	0.00429419	0.00168612	0.0605135	-16.5252	0.0465502	0.240636	-4.15565	0.00716649	0.114218	-8.75516	0.0258067	0.191258	-5.22855	0.00191698	0.0642125	-15.5733
cg19884600	PYHIN1;PYHIN1;PYHIN1;PYHIN1	0.0139064	0.00208814	0.0447886	-22.3271	0.140718	0.320982	-3.11544	0.0275704	0.154343	-6.47909	0.316637	2.10104	2.10104	0.509431	0.618822	-1.61597
cg15036529	PYHIN1;PYHIN1;PYHIN1;PYHIN1	0.0157821	0.00191602	0.0544946	-18.3504	0.00712551	0.100093	-9.99072	0.0185159	0.150864	-6.62849	0.0262331	0.174461	-5.73193	0.119961	0.32723	-3.05596
cg00112929	PYHIN1;PYHIN1;PYHIN1;PYHIN1	0.0219166	0.00115856	0.0906122	-11.036	0.0911601	0.392124	-2.55021	0.644432	0.791497	-1.26343	0.0407824	0.304755	-3.28132	0.0532594	0.331262	-3.01876
cg03618715	PYROXD1	2.20E-05	0.000382771	0.299062	-3.34379	0.00951664	2.01225	2.01225	0.144454	1.39618	1.39618	2.84E-06	0.0919326	-10.8775	0.000281664	0.282574	-3.53889
cg08551027	PYROXD1	3.64E-05	0.000797465	0.401025	-2.49361	0.000332312	0.35171	-2.84325	0.00737551	0.536365	-1.8644	0.913567	1.01978	1.01978	8.68E-05	0.280705	-3.56245
cg09738429	PYROXD1	0.00288249	?	?	?	0.00152829	11.0586	11.0586	0.0208454	0.278663	-3.58856	0.00839553	0.198407	-5.04013	?	?	?
cg21962791	PYROXD1	0.00484853	0.003323	0.142866	-6.99958	0.0297232	0.287838	-3.47418	0.0396358	0.314079	-3.18392	0.199892	0.517294	-1.93314	0.00688891	0.182185	-5.48891
cg23515255	PYROXD1	0.0106072	0.457095	0.868766	-1.15106	0.018828	1.69656	1.69656	0.0679811	1.46188	1.46188	0.746628	0.941557	-1.06207	0.946018	0.9875	-1.01266
cg01055462	PYROXD1	0.0108809	0.010233	0.0857161	-11.6664	0.00561119	0.0633183	-15.7932	0.0810391	0.23037	-4.34084	0.141505	0.301248	-3.31953	0.00392811	0.0525926	-19.0141
cg11510247	PYROXD1	0.0128874	0.29917	1.21352	1.21352	0.104691	1.37567	1.37567	0.224957	1.25762	1.25762	0.60123	0.909519	-1.09948	0.000562433	0.382247	-2.61611
cg06157277	PYROXD1	0.018396	0.312242	1.73564	1.73564	0.139526	0.432276	-2.31334	0.0623561	3.02387	3.02387	0.00101618	0.0764825	-13.0749	0.707508	1.21995	1.21995
cg13000219	PYROXD1;PYROXD1	0.00513212	0.172857	1.13305	1.13305	0.00181549	0.682649	-1.46488	0.0762915	0.843815	-1.18509	0.845222	0.983311	-1.01697	0.122155	1.15519	1.15519
cg09627339	PYROXD2	7.65E-05	0.000114809	0.200771	-4.98081	0.746204	0.925834	-1.08011	0.0109475	0.468725	-2.13345	0.437467	1.20678	1.20678	5.57E-06	0.0877926	-11.3905
cg26712743	PYROXD2	0.00816063	0.0472891	0.669685	-1.49324	0.173918	1.29116	1.29116	0.0413906	0.659968	-1.51523	0.0270379	0.629744	-1.58795	0.00107004	0.42576	-2.34874
cg09443153	PYROXD2;MIR1287	0.000291707	1.51E-05	0.304375	-3.28542	0.00503328	0.611494	-1.63534	0.00272636	0.577765	-1.73081	0.01442	0.670479	-1.49147	0.0151363	0.673243	-1.48535
cg12469964	PYROXD2;MIR1287	0.00145719	0.0239671	0.603013	-1.65834	3.89E-05	0.227715	-4.39146	0.386175	1.18156	1.18156	0.811079	1.046	1.046	0.195695	0.77338	-1.29303
cg26882429	PYROXD2;MIR1287	0.00780987	0.383276	0.890113	-1.12345	0.772476	0.962957	-1.03847	0.0910701	0.784794	-1.27422	0.927574	1.01191	1.01191	0.00119113	0.538711	-1.85628
cg23751416	PYROXD2;MIR1287	0.0093531	0.11125	0.824912	-1.21225	0.753962	0.965719	-1.0355	0.231326	0.869973	-1.14946	0.893364	0.98523	-1.01499	0.28391	1.13146	1.13146
cg21875455	PYY	2.26E-07	0.078659	0.881336	-1.13464	0.2041	0.916969	-1.09055	1.30E-06	0.44809	-2.23169	0.0321582	1.17621	1.17621	0.0161255	1.20974	1.20974
cg17028080	PYY	8.60E-05	0.0161376	1.52068	1.52068	0.000503358	0.460928	-2.16954	3.47E-06	0.211319	-4.73219	0.0671407	1.33935	1.33935	0.00508491	0.590183	-1.69439
cg13145229	PYY	0.000433965	0.0105141	2.12673	2.12673	0.271711	1.30758	1.30758	0.137978	0.687725	-1.45407	0.0433669	1.72387	1.72387	0.123403	1.47868	1.47868
cg26094004	PYY	0.000697189	0.0807472	1.27201	1.27201	0.000145508	0.443791	-2.25331	0.00587949	0.639026	-1.56488	0.755118	1.03963	1.03963	0.763603	1.03818	1.03818
cg17895730	PYY	0.00148019	0.219841	0.725093	-1.37913	0.0317661	0.534103	-1.8723	0.000180699	0.206191	-4.84988	0.062268	1.68696	1.68696	0.000872229	0.288176	-3.4701
cg21348173	PYY	0.00173441	0.133514	0.685506	-1.45878	0.463249	1.19029	1.19029	0.000178184	0.227284	-4.39978	0.800906	1.06073	1.06073	0.971336	0.991652	-1.00842
cg20279493	PYY	0.00201718	0.861099	0.958677	-1.0431	0.73242	1.08621	1.08621	0.00523484	0.411667	-2.42915	0.562392	1.15158	1.15158	0.00231723	0.358689	-2.78793
cg12350592	PYY	0.00405465	0.00363668	4.40012	4.40012	0.753929	1.12571	1.12571	0.172367	0.578703	-1.728	0.0551022	2.26812	2.26812	0.654553	1.18483	1.18483
cg00344920	PYY	0.00516755	0.0336815	0.256716	-3.89536	0.499869	0.686998	-1.45561	0.0247914	0.23113	-4.32657	0.0100406	0.168423	-5.93743	0.00135888	0.0781416	-12.7973
cg17528967	PYY	0.0105954	0.288954	0.759636	-1.31642	0.740012	1.08673	1.08673	0.71203	1.09702	1.09702	0.615434	0.881178	-1.13484	0.171346	0.695082	-1.43868
cg26131816	PYY	0.0173812	0.0204709	0.691	-1.44718	0.0318647	1.39499	1.39499	0.00790059	1.56979	1.56979	0.208003	1.19208	1.19208	0.0841361	0.776532	-1.28778
cg22352029	PYY	0.0270649	0.00635826	0.487732	-2.05031	0.869442	0.967295	-1.03381	0.224831	1.29396	1.29396	0.656652	1.09466	1.09466	0.00203907	0.415223	-2.40834
cg06018019	PYY	0.0289606	0.930119	0.976842	-1.02371	0.308978	0.754827	-1.32481	0.00242049	0.323603	-3.09021	0.134161	0.649536	-1.53956	0.311471	1.32276	1.32276
cg15575700	PYY	0.0364825	0.0938178	0.661693	-1.51127	0.215226	0.746496	-1.33959	0.0102248	0.484023	-2.06602	0.364001	0.811337	-1.23253	0.00381488	0.417147	-2.39723
cg20947476	PYY2	5.41E-06	0.606072	0.953935	-1.04829	0.000621959	0.62046	-1.61171	0.00190727	1.4898	1.4898	0.0020106	1.48458	1.48458	0.771894	0.973992	-1.0267
cg03924483	PYY2	0.000930291	0.275469	1.40858	1.40858	0.857264	0.947088	-1.05587	0.00378718	0.307429	-3.25278	0.00321202	0.296894	-3.36821	0.0795365	0.55563	-1.79976
cg24105314	PYY;NAGS	0.0014784	0.159921	0.62046	-1.61171	0.00484142	3.27968	3.27968	0.626615	1.16864	1.16864	0.000214507	7.1308	7.1308	0.0130384	2.66198	2.66198
cg21144462	PYY;NAGS	0.0148341	0.560768	0.933133	-1.07166	0.371349	1.11405	1.11405	0.320399	0.886208	-1.1284	0.0130158	1.43698	1.43698	0.657635	0.948873	-1.05388
cg17182464	PZP	0.0198713	0.437665	1.12866	1.12866	0.503803	1.10928	1.10928	0.260814	1.19636	1.19636	0.717332	1.05715	1.05715	0.0532722	1.39887	1.39887
cg10479063	PZP	0.039822	0.270716	0.817868	-1.22269	0.0203685	1.63261	1.63261	0.685272	0.931056	-1.07405	0.977356	0.995036	-1.00499	0.00328226	0.495381	-2.01865
cg08729600	PZP	0.0428176	0.104757	0.599567	-1.66787	0.189442	0.669614	-1.4934	0.0370048	0.497173	-2.01137	0.084586	0.576725	-1.73393	0.0020332	0.28503	-3.5084
cg02141748	ProSAPiP1	0.00106664	0.0585782	1.53098	1.53098	0.180609	1.32761	1.32761	0.274882	1.25413	1.25413	0.0894825	1.45237	1.45237	0.000211132	0.290915	-3.43743
cg13598480	ProSAPiP1	0.0203813	0.547084	1.39563	1.39563	0.00091765	15.0271	15.0271	0.00681898	6.80382	6.80382	0.684719	0.799861	-1.25022	0.534582	1.41068	1.41068
cg00308631	ProSAPiP1	0.0268282	0.0674582	1.88403	1.88403	0.0572409	1.94448	1.94448	0.292968	1.40112	1.40112	0.0280127	2.23094	2.23094	0.0240876	2.29715	2.29715
cg05749493	ProSAPiP1	0.0274632	0.0308408	2.01202	2.01202	0.141478	1.54645	1.54645	0.336845	1.31395	1.31395	0.284824	1.35844	1.35844	0.0156131	2.26473	2.26473
cg20821980	ProSAPiP1	0.0355878	0.399252	1.73114	1.73114	0.00187029	16.5343	16.5343	0.0134064	7.00998	7.00998	0.386122	0.568368	-1.75942	0.474353	1.58832	1.58832
cg07567308	ProSAPiP1	0.0375522	0.726257	1.18805	1.18805	0.713604	1.19806	1.19806	0.214779	1.89681	1.89681	0.103964	2.39048	2.39048	0.016605	4.19565	4.19565
cg16665041	ProSAPiP1;ProSAPiP1	0.00855357	0.0080165	3.18203	3.18203	0.944875	0.976716	-1.02384	0.446048	1.30296	1.30296	0.21751	1.55584	1.55584	0.766819	0.903647	-1.10663
cg02532213	ProSAPiP1;ProSAPiP1	0.0305001	0.020238	2.76358	2.76358	0.574728	0.813974	-1.22854	0.404541	1.36295	1.36295	0.239531	1.56386	1.56386	0.515744	1.27031	1.27031
cg26391674	ProSAPiP1;ProSAPiP1	0.0436777	0.28341	1.48442	1.48442	0.0776571	2.0039	2.0039	0.270528	1.50175	1.50175	0.31937	1.44013	1.44013	0.429441	0.751344	-1.33095
cg01814969	QARS	1.79E-07	5.67E-07	1.80667	1.80667	0.0597365	0.913151	-1.09511	2.36E-07	1.93879	1.93879	0.00751577	0.863192	-1.15849	0.00199353	0.829732	-1.20521
cg19914751	QARS	0.00138266	0.0119865	0.730057	-1.36976	0.258021	1.12197	1.12197	0.00418497	1.47678	1.47678	0.000177496	1.9601	1.9601	0.0402313	1.26476	1.26476
cg05522415	QARS	0.00164324	0.0188424	0.471856	-2.11929	0.000184262	0.188589	-5.30254	0.00140706	0.295015	-3.38966	0.0646956	0.578237	-1.7294	0.00107143	0.279214	-3.58148
cg10788918	QARS	0.0236462	0.686156	0.92732	-1.07838	0.542686	1.12127	1.12127	0.28667	1.22816	1.22816	0.502562	1.13473	1.13473	0.987563	1.0029	1.0029

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01260366	0.0841552	0.57481	-1.7397	0.00116958	0.251376	-3.97811	0.0193409	0.44058	-2.26973	0.101137	0.59439	-1.6824	6.06069	8.06046	1.18218	1
cg25358761	0.0979395	1.26434	1.26434	0.0188653	0.692487	-1.44407	0.146737	0.817734	-1.22289	0.220042	1.18128	1.18128	5.74753	1.51934	0.234975	1
cg20588982	0.00388992	2.33521	2.33521	0.00857948	0.48123	-2.07801	0.124314	0.695551	-1.43771	0.65812	1.10203	1.10203	5.18994	3.91201	0.670015	1
cg12297619	0.00212817	2.33055	2.33055	0.544798	1.12764	1.12764	0.87792	0.970322	-1.03059	0.51417	1.13844	1.13844	4.97461	3.02661	0.54081	1
cg06231372	0.000555334	2.45942	2.45942	0.769058	0.951749	-1.0507	0.336644	1.18105	1.18105	0.623565	1.08664	1.08664	4.19122	1.87284	0.397197	1
cg27361727	0.0699619	1.62046	1.62046	0.168064	0.7047	-1.41904	0.378764	0.806438	-1.24002	0.827296	1.05343	1.05343	3.4855	3.13306	0.799007	1
cg25092328	0.00035985	2.46488	2.46488	0.285363	0.839527	-1.19115	0.999926	1.00001	1.00001	0.058112	1.40158	1.40158	5.83886	2.29786	0.349818	1
cg27168573	0.473303	0.805753	-1.24107	0.000183029	0.153658	-6.50796	0.177596	1.52848	1.52848	0.0330569	0.478064	-2.09177	10.4528	14.5165	1.23446	1
cg24932394	0.823996	1.01494	1.01494	0.0426823	1.16802	1.16802	0.426681	1.05551	1.05551	0.0445322	1.16597	1.16597	4.35817	0.3058	0.0623708	1
cg15893360	0.522394	1.26748	1.26748	0.231375	1.58243	1.58243	0.619774	1.20066	1.20066	0.473278	0.765924	-1.30561	3.97261	8.40995	1.88176	1
cg15971542	0.742429	0.948003	-1.05485	0.0149689	1.62316	1.62316	0.536589	1.10663	1.10663	0.793098	1.04348	1.04348	5.73131	2.37971	0.369078	1
cg14094027	0.10102	0.338671	-2.95271	0.00119013	0.0570049	-17.5424	0.711303	0.799219	-1.25122	0.0240365	0.197372	-5.06657	5.44447	31.3403	5.11676	1
cg04256697	0.53928	0.871723	-1.14715	0.115979	1.45841	1.45841	0.2471	0.765438	-1.30644	0.463458	0.848038	-1.17919	4.74211	3.66402	0.686806	1
cg15055810	0.0431729	1.68823	1.68823	0.526551	1.15541	1.15541	0.495013	0.855573	-1.16881	0.429437	0.83395	-1.19911	4.08504	3.27886	0.713467	1
cg07419011	0.325177	1.30238	1.30238	0.133846	0.656761	-1.52262	0.632407	1.13351	1.13351	0.116443	0.641724	-1.5583	3.96631	4.24777	0.951967	1
cg01866518	0.323786	0.803657	-1.24431	0.479822	1.16657	1.16657	0.0917592	0.671524	-1.48915	0.192646	0.743971	-1.34414	3.76098	2.74042	0.647683	1
cg05556917	0.470138	1.09223	1.09223	0.220866	0.856824	-1.1671	0.109682	1.23291	1.23291	0.0105972	0.679818	-1.47098	11.9093	2.719	0.202942	1
cg22089736	0.000283452	0.436948	-2.2886	0.0297443	1.4292	1.4292	0.299587	0.860644	-1.16192	0.00993839	1.57548	1.57548	9.11939	2.81465	0.274351	1
cg24873872	0.0104514	2.46633	2.46633	0.950477	0.982756	-1.01755	0.00268719	3.19567	3.19567	0.267369	1.38209	1.38209	6.27364	7.79309	1.10417	1
cg20951539	0.348985	0.703414	-1.42164	0.05047	0.443336	-2.25563	0.196695	1.64553	1.64553	0.700773	0.868584	-1.1513	5.10507	10.765	1.87439	1
cg22897198	0.0484146	0.719468	-1.38992	0.000320072	0.427257	-2.34051	0.15658	0.801524	-1.24762	0.0452347	0.715051	-1.3985	5.00985	1.69134	0.300092	1
cg17825294	0.477456	0.884473	-1.13062	0.958811	0.991261	-1.00882	0.614386	0.917279	-1.09018	0.10899	0.742989	-1.34591	4.8034	2.19756	0.406668	1
cg04296250	0.647774	0.821061	-1.21794	0.02465	0.317625	-3.14836	0.0354735	0.350142	-2.85598	0.0219553	0.307869	-3.24813	3.85771	11.2248	2.58641	1
cg11956813	0.36776	1.11495	1.11495	0.97399	0.996173	-1.00384	0.245698	0.866935	-1.15349	0.681851	1.04967	1.04967	3.67814	0.805723	0.194718	1
cg17784808	0.161185	0.596806	-1.67559	0.00228443	0.229635	-4.35473	0.0417206	0.444983	-2.24728	0.0449389	0.452123	-2.21179	4.35189	8.20045	1.67497	1
cg24170535	0.653709	0.923125	-1.08328	0.00169426	0.451832	-2.21321	0.947342	0.988368	-1.01177	0.0793391	0.708211	-1.41201	4.10545	2.04027	0.441749	1
cg27615603	0.0488123	0.667797	-1.49746	0.0176167	0.595581	-1.67903	0.136909	1.33313	1.33313	0.17957	0.77429	-1.29151	21.8664	11.1527	0.453368	1
cg00327577	0.612782	0.902413	-1.10814	1.99E-06	0.0941282	-10.6238	0.394495	0.839062	-1.19181	0.0171677	0.557494	-1.79374	18.2936	11.7282	0.569877	1
cg16413327	0.0588238	0.526088	-1.90082	0.000128726	0.134906	-7.41259	0.21675	0.676265	-1.47871	0.0324592	0.470717	-2.12442	9.1578	13.1373	1.27515	1
cg15247144	0.546726	0.863221	-1.15845	0.0330659	0.548262	-1.82395	0.716035	0.915667	-1.0921	0.836132	1.05122	1.05122	8.99919	8.28933	0.818773	1
cg08730348	0.193162	1.60055	1.60055	0.0105651	2.9998	2.9998	0.0941838	1.87478	1.87478	0.430667	1.31618	1.31618	8.03227	14.8405	1.64232	1
cg09115984	0.197791	1.66546	1.66546	0.330661	1.45665	1.45665	0.616224	0.827486	-1.20848	0.481532	1.30745	1.30745	7.66804	17.053	1.97681	1
cg07461837	0.201307	0.671554	-1.48908	0.00679006	0.355228	-2.81509	0.107286	0.59532	-1.67977	0.111352	0.599477	-1.66812	5.69694	7.85448	1.22553	1
cg05907835	0.692708	1.2256	1.2256	0.681635	0.809563	-1.23523	0.460843	1.46893	1.46893	0.394306	0.639627	-1.56341	5.56621	23.1249	3.6929	1
cg05214748	0.921385	0.950278	-1.05232	0.706625	0.822539	-1.21575	0.985152	0.990432	-1.00966	0.302989	0.57623	-1.73542	4.59994	19.4466	3.75785	1
cg12100791	0.633156	1.25185	1.25185	0.217074	1.83434	1.83434	0.713779	0.841905	-1.18778	0.481841	0.716088	-1.39648	4.55777	15.752	3.07207	1
cg11970458	0.746532	1.05798	1.05798	0.13854	0.757957	-1.31934	0.00400793	0.510683	-1.95816	0.41708	0.865777	-1.15503	4.00655	1.91649	0.425191	1
cg15468095	0.650758	0.81052	-1.23378	0.00775505	0.206756	-4.83663	0.213343	0.546589	-1.82953	0.978797	1.01233	1.01233	3.71651	12.507	2.99134	1
cg05361373	0.635065	0.813348	-1.22949	0.384487	0.680247	-1.47005	0.368576	0.670952	-1.49042	0.729454	0.860687	-1.16186	3.52917	10.4364	2.62861	1
cg01059100	0.519369	1.51811	1.51811	0.325847	0.522891	-1.91245	0.578151	0.698349	-1.43195	0.223584	0.44164	-2.26429	3.50827	22.6975	5.75087	1
cg09587549	0.360067	0.825132	-1.21193	0.0851178	0.677825	-1.47531	0.160285	1.35856	1.35856	0.980624	0.995051	-1.00497	10.265	6.78375	0.587431	1
cg09866102	0.762736	0.833979	-1.19907	0.26701	0.499877	-2.00049	0.164817	2.43158	2.43158	0.947683	1.04013	1.04013	3.53347	20.1205	5.06156	1
cg15213604	0.188009	0.802192	-1.24658	0.148686	0.782924	-1.27726	0.00070859	2.25939	2.25939	0.0869394	0.741807	-1.34806	16.833	6.65462	0.351405	1
cg08228715	0.618225	1.07414	1.07414	6.43E-06	0.23886	-4.18656	0.412757	1.1266	1.1266	0.361425	1.14288	1.14288	14.951	4.79837	0.285279	1
cg20187825	0.00630073	0.593217	-1.68573	0.00420763	0.569742	-1.75518	0.65013	1.06931	1.06931	0.0696598	1.34686	1.34686	5.57153	1.90071	0.303241	1
cg19202384	0.0384249	0.391919	-2.55154	0.00375259	0.216985	-4.60861	0.0308307	0.371485	-2.6919	0.0534485	0.42458	-2.35527	4.36551	10.544	2.14694	1
cg22202154	0.456888	0.614288	-1.6279	0.104493	3.22715	3.22715	?	?	?	0.111976	3.12997	3.12997	4.84534	26.5209	4.10512	1
cg19846318	0.228968	1.38149	1.38149	0.00715017	0.41103	-2.43291	0.394673	0.799992	-1.25001	0.891443	0.965651	-1.03557	3.7475	3.88879	0.922403	1
cg06086141	0.00287503	0.4704	-2.12585	0.000157934	0.304634	-3.28263	3.98E-05	0.235834	-4.24027	5.29E-06	0.14977	-6.67692	42.3439	22.689	0.476291	1
cg24361896	0.0247689	0.850346	-1.17599	0.0990137	0.896103	-1.11594	0.000136724	1.49216	1.49216	9.64E-05	1.5231	1.5231	16.384	0.954647	0.0517929	1
cg02458039	0.0371685	0.561769	-1.78009	0.0271991	0.536286	-1.86468	0.21955	0.735111	-1.36034	0.521609	0.856559	-1.16746	6.06767	5.45991	0.799855	1
cg07049680	0.0495966	0.760613	-1.31473	0.00684813	0.651942	-1.53388	0.864419	0.97934	-1.0211	0.189957	1.1848	1.1848	3.65754	0.864328	0.210057	1
cg00021855	0.0893378	0.597535	-1.67354	6.93E-05	0.135585	-7.37544	0.00193244	0.299372	-3.34033	0.00131431	0.276568	-3.61574	15.0141	17.9676	1.06375	1
cg25088355	2.50E-05	0.178555	-5.60051	0.203405	0.758685	-1.31807	0.117085	1.41934	1.41934	0.575505	1.12342	1.12342	9.7539	6.53688	0.595716	1
cg11946432	0.036576	0.72614	-1.37714	0.129167	1.24109	1.24109	0.0365364	1.37727	1.37727	0.00138482	1.84176	1.84176	6.25439	1.71892	0.244297	1
cg17879709	0.86868	1.02365	1.02365	0.109904	0.781758	-1.27917	0.403112	0.886134	-1.1285	0.22883	1.19535	1.19535	5.17302	1.63552	0.281035	1
cg21458840	0.00625964	0.305372	-3.27469	?	?	?	0.78113	1.09718	1.09718	0.612095	0.843433	-1.18563	4.76545	7.43851	1.56092	1
cg09383106	0.683064	0.926636	-1.07917	0.000416198	0.35374	-2.82693	0.000470248	0.360562	-2.77345	0.187219	0.771469	-1.29623	8.7299	4.76335	0.48501	1
cg27612447	0.805195	0.919824	-1.08716	0.00484016	0.282571	-3.53893	0.00477046	0.281624	-3.55083	0.03373	0.43229	-2.31326	4.59867	8.33095	1.61031	1
cg13061403	0.124425	1.31099	1.31099	0.0678263	1.39507	1.39507	0.546295	0.905397	-1.10449	0.0793645	0.728339	-1.37299	7.5407	3.16407	0.372977	1
cg02738255	0.178841	0.689048	-1.45128	0.000426996	0.233538	-4.28196	0.131465	1.52905	1.52905	0.0352761	0.527613	-1.89533	10.6283	11.4478	0.957423	1
cg06421707	0.022532	1.38565	1.38565	0.113633	0.814236	-1.22815	0.0141387	0.696632	-1.43548	0.00866429	1.49104	1.49104	4.99982	1.12856	0.200639	1
cg04348305	0.750477	1.37553	1.37553	0.00884673	0.035783	-27.9463	0.487599	0.494226	-2.02337	0.0759116	0.138902	-7.19933	3.85651	60.9984	14.0596	1
cg14768558	0.0723897	1.33327	1.33327	0.143056	1.25332	1.25332	0.177515	0.814164	-1.22825	0.0162589	0.655996	-1.5244	3.395	1.10664	0.289745	1
cg18705240	4.74E-06	0.0219253	-45.6094	0.0346674	0.407347	-2.45491	0.00138373	0.184344	-5.42464	0.915403	1.03951	1.03951	15.4777	32.6015	1.87232	1
cg19839026	0.012249	4.14302	4.14302	0.016247	0.262137	-3.8148	0.00888752	4.55688	4.55688	0.0301729	3.19383	3.19383	5.72431	18.8121	2.9212	1
cg26286805	0.0220353	6.50724	6.50724	0.286916	2.08934	2.08934	0.357718	1.87633	1.87633	0.247905	2.23845	2.23845	4.14834	28.2306	5.29298	1
cg22960284	0.022846	2.16014	2.16014	0.361072	0.766816	-1.30409	0.0435532	0.51877	-1.92764	0.0189991	0.447948	-2.2324	3.5095	4.44498	1.12583	1
cg01604547	0.111316	0.673339	-1.48514	0.0870158	1.53869	1.53869	0.203313	1.35825	1.35825	0.653876	1.1084	1.1084	3.42952	2.82416	0.731986	1
cg06943981	0.269423	1.15892	1.15892	0.000493008	2.0132	2.0132	0.341842	0.881968	-1.13383	0.00569652	1.59201	1.59201	14.4028	3.75139	0.231522	1
cg21805221	0.00445566	13.5547	13.5547	0.0494615	0.214293	-4.66651	0.292625	2.11746	2.11746	0.601333	1.43654	1.43654	3.38878	25.3409	6.64701	1
cg03663788	0.47972	1.20028	1.20028	0.128537	1.51804	1.51804	0.259168	0.741475	-1.34866	0.00637522	0.405732	-2.46468	6.54601	6.69351	0.908918	1
cg24235466	0.0685027	1.33482	1.33482	0.00347491	1.75363	1.75363	0.83882	0.97157	-1.02926	0.0221591	0.678139	-1.47462	6.16952	1.95956	0.282328	1
cg09138437	0.0571055	0.80536	-1.24168	0.09496	1.20265	1.20265	0.0445688	1.26105	1.26105	0.524352	1.06703	1.06703	5.95192	0.953295	0.14237	1
cg08926035	0.00163354	0.345295	-2.89607	0.00846237	2.20839	2.20839	0.619246	1.12531	1.12531	0.780383	1.06809	1.06809	4.30897	3.79037	0.781908	1
cg12071131	0.135968	1.50447	1.50447	0.0341317	1.87479	1.87479	0.0912103	0.623188	-1.60465	0.622588	0.881514	-1.13441	3.59977	3.68437	0.909777	1
cg09273289	0.0173781	0.668303	-1.49633	0.0826577	0.765337	-1.30661	0.897351	0.982201	-1.01812	0.010543	0.639085	-1.56474	7.86394	2.41132	0.272561	1
cg06364757	0.72873	1.05922	1.05922	0.0015995	0.473213	-2.11321	0.645664	0.926347	-1.07951	0.573914	1.09844	1.09844	7.66827	3.31644	0.384435	1
cg23030278	0.735246	0.959376	-1.04234	0.534373	1.07992	1.07992	0.00927217	0.668026	-1.49695	0.226455	1.16787	1.16787	7.29907	1.726	0.210194	1
cg11480800	0.493086	0.91655	-1.09105	0.0117178	0.674208	-1.48322	0.335238	0.883028	-1.13247	0.260278	0.8633	-1.15835	4.99104	1.23875	0.220617	1
cg13878116	0.0798393	0.323944	-3.08695	0.0854621	0.332049	-3.0116	0.107518	2.76932	2.76932	0.495393	1.49398	1.49398	4.36951	23.272	4.73421	1
cg23483572	0.707497	1.10351	1.10351	0.00100117	0.27898	-3.58449	0.554034	0.855205	-1.16931	0.549461	0.853623	-1.17148	4.05505	4.38559	0.961345	1
cg25902187	0.158809	1.5581	1.5581	0.048077	0.514135	-1.94501	0.810642	1.07323	1.07323	0.722754	0.900425	-1.11059	3.48202	4.78111	1.22052	1
cg22608655	0.0714817	0.58734	-1.70259	0.000441671	0.230631	-4.33592	0.458128	0.818941	-1.22109	0.00918002	0.417019	-2.39797	7.42547	8.22021	0.984026	1
cg01277844	0.331085	1.14194	1.14194	0.0896848	0.780663	-1.28096	0.96593	0.994363	-1.00567	0.246365	1.17403	1.17403	4.43461	1.09357	0.246599	1
cg02490589	8.67E-06	0.293248	-3.41008	0.00441644	1.61982	1.61982	0.000701837	0.519	-1.92678	4.54E-06	0.262524	-3.80917	56.4537	14.4062	0.226831	1
cg25464787	0.00650203	0.337429	-2.96358	0.000216718	0.150257	-6.65528	0.000100015	0.120073	-8.32824	0.000622249	0.198492	-5.03797	28.8084	43.0468	1.32822	1
cg11237207	0.00134082	0.235683	-4.24299	6.44E-05	0.102535	-9.7528	0.000534652	0.188033	-5.31821	0.000313794	0.163406	-6.11972	18.238	27.7767	1.35379	1
cg26246880	0.0108089	0.135825	-7.3624	0.00155596	0.0586422	-17.0526	0.00835489	0.122265	-8.17898	0.00990413	0.131084	-7.62869	7.99557	49.2415	5.4743	1
cg11177526	0.130895	0.360841	-2.77131	0.00377776	0.0869757	-11.4975	0.00211203	0.0671262	-14.8973	0.0185252	0.167854	-5.95755	7.68598	47.5377	5.49777	1
cg19884600	0.0137567	0.112569	-8.88346	0.0821813	0.251331	-3.97882	0.0185272	0.128992	-7.75243	0.0112159	0.102415	-9.76415	5.31158	43.2649	7.24034	1
cg15036529	0.0139903	0.134027	-7.46121	0.0641645	0.252221	-3.96477	0.0811316	0.277891	-3.59853	0.0480783	0.22398	-4.46469	5.09416	35.3802	6.17355	1
cg00112929	0.829016	0.896891	-1.11496	0.0364721	0.29429	-3.39801	0.0337138	0.28713	-3.48274	0.0301361	0.2772	-3.60751	4.55988	18.2829	3.56401	1
cg03618715	0.0910884	1.48619	1.48619	5.01E-05	0.198039	-5.04951	0.000504005	0.31421	-3.18259	0.718861	1.08	1.08	33.0258	23.7062	0.638053	1
cg08551027	5.81E-05	0.260706	-3.83573	2.21E-06	0.123705	-8.08372	0.451343	0.870705	-1.14849	0.000530293	0.37776	-2.64718	28.951	14.9252	0.458252	1
cg09738429	?	?	?	?	?	?	?	?	?	0.885609	1.05985	1.05985	19.7925	20.8318	1.31564	1
cg21962791	0.0375505	0.308984	-3.23642	0.000953269	0.091035	-10.9848	0.00144711	0.106415	-9.39721	0.0175333	0.244867	-4.08386	7.40777	27.7954	3.33529	1
cg23515255	0.000585778	0.372652	-2.68347	0.416035	1.16698	1.16698	0.567324	1.11338	1.11338	0.177361	0.766192	-1.30516	5.79997	3.1699	0.485811	1
cg01055462	0.0253501	0.133011	-7.51815	0.0261518	0.134996	-7.40762	0.00389795	0.0523792	-19.0915	0.0192122	0.116503	-8.58348	5.75265	52.4748	8.1083	1
cg11510247	0.319435	1.20327	1.20327	0.0824275	0.707517	-1.41339	0.408096	0.858833	-1.16437	0.133858	0.747686	-1.33746	5.4456	2.78971	0.455366	1
cg06157277	?	?	?	0.603417	0.758478	-1.31843	0.593787	0.7528	-1.32837	0.267708	1.83858	1.83858	4.92864	19.304	3.91671	1
cg13000219	0.314984	1.0936	1.0936	0.000894456	1.53461	1.53461	0.869183	0.985907	-1.01429	0.300103	0.911681	-1.09687	7.28035	0.854966	0.104386	1
cg09627339	0.0196369	0.512257	-1.95214	0.000105201	0.196757	-5.0824	0.580564	1.14161	1.14161	0.000527232	0.277609	-3.60218	23.7842	21.2115	0.792738	1
cg26712743	0.635308	1.08806	1.08806	0.0296131	1.57207	1.57207	0.454322	1.14412	1.14412	0.326757	0.836231	-1.19584	6.30456	3.11601	0.43933	1
cg09443153	0.238896	1.17765	1.17765	0.0014021	0.54152	-1.84665	0.012214	0.661052	-1.51274	0.000382949	0.471596	-2.12046	16.5768	4.61416	0.247423	1
cg12469964	0.124614	1.36649	1.36649	0.0205575	1.68871	1.68871	0.891794	1.02589	1.02589	0.526627	0.886491	-1.12804	10.5672	5.90273	0.496522	1
cg26882429	0.159485	0.82223	-1.21621	0.00203938	1.76141	1.76141	0.269638	1.16145	1.16145	0.982806	0.997198	-1.00281	6.39231	1.71622	0.238651	1
cg23751416	0.0993331	1.22193	1.22193	0.00101703	1.71712	1.71712	0.247731	0.874525	-1.14348	0.00802861	0.686035	-1.45765	6.03808	1.17712	0.173288	1
cg21875455	0.196941	1.09224	1.09224	0.219006	1.0872	1.0872	3.52E-09	0.180867	-5.52892	0.739042	1.02186	1.02186	107.004	7.08891	0.0588881	1
cg17028080	0.24475	0.840908	-1.18919	0.821575	1.03269	1.03269	0.000975216	0.497289	-2.0109	0.10213	0.775105	-1.29015	23.0472	7.40165	0.285468	1
cg13145229	0.969774	0.991158	-1.00892	1.28E-05	0.116512	-8.58279	0.118714	0.672372	-1.48727	0.0746085	1.59282	1.59282	14.8621	12.9307	0.773377	1
cg26094004	0.7745	0.964944	-1.03633	0.00030405	2.07331	2.07331	0.118021	1.23474	1.23474	0.165619	0.832186	-1.20165	13.0256	3.1839	0.217275	1
cg17895730	0.00514632	0.398263	-2.5109	0.0133367	0.465879	-2.14648	0.0361417	0.544908	-1.83517	0.715347	1.09555	1.09555	10.5198	10.3434	0.873989	1
cg21348173	0.781721	1.06695	1.06695	0.0917996	1.54201	1.54201	0.000260596	0.24632	-4.05976	0.921199	0.977178	-1.02335	10.0493	8.66398	0.766352	1
cg20279493	0.0730542	0.61771	-1.61888	0.000299799	0.242385	-4.12566	0.000765945	0.292849	-3.41473	0.578165	0.873406	-1.14494	9.6179	8.84437	0.817399	1
cg12350592	0.0529026	0.436714	-2.28983	0.000897859	0.153843	-6.50013	0.388518	0.716911	-1.39487	0.029605	2.62331	2.62331	7.82043	17.5643	1.9964	1
cg00344920	0.0029313	0.106454	-9.39369	0.0149598	0.193965	-5.15557	0.00166756	0.085016	-11.7625	0.0281017	0.241293	-4.14433	7.26505	34.5746	4.23026	1
cg17528967	0.0826622	0.618772	-1.6161	0.752856	1.08209	1.08209	0.000145812	0.195399	-5.11772	0.933437	0.979353	-1.02108	5.80205	5.73166	0.878104	1
cg26131816	0.410122	0.894505	-1.11794	0.0927679	0.782858	-1.27737	0.293026	0.865564	-1.15532	0.317257	1.14663	1.14663	4.93272	1.3685	0.246607	1
cg22352029	0.216651	0.768902	-1.30056	0.164741	0.741112	-1.34932	0.32402	0.813922	-1.22862	0.577822	0.892568	-1.12036	4.23809	2.74266	0.57524	1
cg06018019	0.431352	1.23929	1.23929	0.0169806	2.17635	2.17635	0.977712	0.992565	-1.00749	0.836888	0.946421	-1.05661	4.13822	4.67689	1.0046	1
cg15575700	0.0899117	0.65774	-1.52036	0.219835	0.748899	-1.33529	0.0105104	0.485974	-2.05772	0.36413	0.811385	-1.23246	3.80935	3.03044	0.707134	1
cg20947476	0.193137	1.13298	1.13298	0.619572	0.955642	-1.04642	7.60E-05	1.91633	1.91633	1.22E-07	4.60974	4.60974	47.5574	6.19053	0.115706	1
cg03924483	0.241348	1.44822	1.44822	3.26E-05	0.0873464	-11.4487	0.472168	1.2471	1.2471	0.0892852	0.567919	-1.76081	12.0098	17.3431	1.28363	1
cg24105314	0.251316	0.683198	-1.4637	0.0089026	0.347164	-2.88048	0.012367	2.69098	2.69098	0.255784	1.45803	1.45803	10.5234	16.8397	1.42241	1
cg21144462	0.267205	1.14569	1.14569	0.000952655	0.560247	-1.78493	0.804341	0.971217	-1.02964	0.181629	1.18156	1.18156	5.19978	1.14011	0.194899	1
cg17182464	0.000592966	0.444499	-2.24972	0.749514	0.95221	-1.05019	0.709349	1.05891	1.05891	0.762114	1.04751	1.04751	4.71489	1.74515	0.329009	1
cg10479063	0.929963	1.01553	1.01553	0.318338	1.19821	1.19821	0.172538	0.775273	-1.28987	0.865651	1.03013	1.03013	3.68919	1.79604	0.432746	1
cg08729600	0.044573	0.51404	-1.94537	0.405949	0.782464	-1.27801	0.0738279	0.562743	-1.77701	0.0833493	0.575192	-1.73855	3.59153	4.7352	1.17194	1
cg02141748	0.051366	0.642638	-1.55609	0.0908521	1.44961	1.44961	0.000628682	2.85098	2.85098	0.0443541	1.58461	1.58461	11.553	7.26979	0.559338	1
cg13598480	0.348653	1.69526	1.69526	0.0299952	4.04139	4.04139	0.182299	2.16923	2.16923	0.755275	1.18655	1.18655	4.67445	22.1563	4.21322	1
cg00308631	0.8618	0.947558	-1.05534	0.00974126	2.74749	2.74749	0.0059634	3.03861	3.03861	0.0296387	2.20675	2.20675	4.25117	6.4347	1.34545	1
cg05749493	0.0510514	1.84546	1.84546	0.0064703	2.65426	2.65426	0.00544651	2.74067	2.74067	0.0370265	1.94983	1.94983	4.21641	5.07721	1.07036	1
cg20821980	0.498152	1.54855	1.54855	0.0725558	3.57536	3.57536	0.101705	3.12475	3.12475	0.645861	1.3421	1.3421	3.84387	24.6187	5.69303	1
cg07567308	0.00907505	5.08053	5.08053	0.701899	1.20747	1.20747	0.00533354	6.04601	6.04601	0.0440921	3.10786	3.10786	3.76943	14.3464	3.38309	1
cg16665041	0.223113	1.54672	1.54672	0.00100092	5.28299	5.28299	0.00221098	4.31156	4.31156	0.0175588	2.67665	2.67665	6.21167	11.4195	1.63413	1
cg02532213	0.143009	1.77094	1.77094	0.0154362	2.94168	2.94168	0.00319602	4.31195	4.31195	0.0243548	2.64904	2.64904	4.06289	8.48182	1.85567	1
cg26391674	0.136104	1.76695	1.76695	0.0157226	2.85539	2.85539	0.00256471	4.40278	4.40278	0.174257	1.66908	1.66908	3.56503	7.09336	1.76863	1
cg01814969	0.000662778	0.800168	-1.24974	4.70E-06	0.638573	-1.56599	1.60E-07	2.00548	2.00548	0.0095271	0.868984	-1.15077	113.508	3.28758	0.0257453	1
cg19914751	0.0193892	1.32616	1.32616	0.211207	1.13727	1.13727	0.0272149	0.771006	-1.29701	0.0871051	0.83039	-1.20425	12.9361	1.88206	0.113158	1
cg05522415	0.021075	0.480755	-2.08006	0.00292534	0.339878	-2.94223	0.911021	1.02995	1.02995	0.385809	0.790801	-1.26454	10.2075	11.2668	0.981133	1
cg10788918	0.0952606	0.711435	-1.40561	0.00064861	0.37848	-2.64215	0.887251	0.973992	-1.0267	0.218539	1.27175	1.27175	4.44216	2.42744	0.485738	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07574458	QDPR	0.000914302	0.546561	1.06029	1.06029	2.17E-05	2.26857	2.26857	0.00103821	1.59369	1.59369	0.289067	1.11137	1.11137	0.113162	1.1799	1.1799	0.098658	1.18977	1.18977	0.944566	0.99335	-1.00669	0.00254881	1.49436	1.49436	0.0685589	1.21608	1.21608	12.0688	1.7599	0.12962	1
cg08808571	QDPR	0.00199212	0.456163	1.13139	1.13139	0.950242	0.9899	-1.0102	0.000468386	2.44612	2.44612	0.65056	0.928507	-1.077	0.487598	1.12155	1.12155	0.00088857	0.444918	-2.2476	0.00302343	0.516267	-1.93698	0.550136	1.10334	1.10334	0.552865	1.10258	1.10258	9.653	4.04508	0.372489	1
cg24656529	QDPR	0.00404524	0.0362896	1.40588	1.40588	0.439773	0.895592	-1.11658	0.00982299	0.633326	-1.57897	0.450874	0.898066	-1.1135	0.247941	1.18417	1.18417	0.00185319	1.85587	1.85587	0.00100101	1.98122	1.98122	0.514827	1.09684	1.09684	0.605585	0.929693	-1.07562	7.82591	2.42755	0.275728	1
cg09435090	QDPR	0.0155572	0.0104747	0.624332	-1.60171	0.0802315	1.3281	1.3281	0.00559537	1.70221	1.70221	0.942663	0.989538	-1.01057	0.023487	1.48535	1.48535	0.816892	1.03449	1.03449	0.170318	0.807742	-1.23802	0.190425	0.816499	-1.22474	0.580423	0.921611	-1.08506	5.11848	1.73294	0.300946	1
cg08169901	QKI;QKI;QKI;QKI	1.12E-05	0.0021878	0.648502	-1.54202	0.000170674	1.90421	1.90421	0.026586	0.767267	-1.30333	1.46E-06	0.291467	-3.43092	0.00229977	0.650875	-1.53639	2.28E-05	0.425458	-2.35041	?	?	?	0.278152	1.12038	1.12038	0.648712	1.04731	1.04731	40.4604	5.78688	0.143026	1
cg09854653	QKI;QKI;QKI;QKI	0.00158971	0.97874	1.00448	1.00448	0.334852	0.84619	-1.18177	0.567847	0.907598	-1.10181	0.348559	1.17593	1.17593	0.0157505	0.60842	-1.6436	0.919717	0.983213	-1.01707	1.83E-05	0.230605	-4.33641	0.198709	0.796069	-1.25617	0.825093	0.963515	-1.03787	10.3056	4.60246	0.396976	1
cg19630242	QKI;QKI;QKI;QKI	0.00286008	0.0020484	1.72763	1.72763	0.0654735	1.29716	1.29716	0.0762576	0.780194	-1.28173	0.00966987	1.50986	1.50986	0.00760087	0.649224	-1.5403	0.537828	1.08167	1.08167	0.0305175	0.726222	-1.37699	0.00808853	1.53234	1.53234	0.514604	1.08672	1.08672	8.68024	2.17703	0.222936	1
cg24583770	QKI;QKI;QKI;QKI	0.0105808	0.0683293	0.764062	-1.30879	0.839283	1.02714	1.02714	0.00639533	1.59652	1.59652	0.666922	0.944509	-1.05875	0.0117339	0.660269	-1.51453	0.0376252	0.727607	-1.37437	0.004703	0.609378	-1.64102	0.207391	0.839204	-1.19161	0.737741	1.04531	1.04531	5.80463	1.59832	0.244758	1
cg23954057	QKI;QKI;QKI;QKI	0.0247106	0.407053	0.785393	-1.27325	0.00883752	2.58411	2.58411	0.00213104	3.41885	3.41885	0.35152	0.76102	-1.31403	0.586766	0.855287	-1.1692	0.310236	0.741509	-1.3486	0.503365	0.824122	-1.21341	0.952571	0.983201	-1.01709	0.49326	0.82022	-1.21919	4.3749	5.62125	1.14212	1
cg12040278	QPCT	3.04E-06	0.000617043	0.54431	-1.83719	0.00101098	0.569596	-1.75563	4.86E-08	8.90714	8.90714	0.920139	1.01164	1.01164	0.194459	1.17161	1.17161	0.0310421	0.746693	-1.33924	0.261329	0.873571	-1.14473	0.645445	0.947946	-1.05491	0.463991	0.917591	-1.08981	55.1443	11.6283	0.18744	1
cg11444198	QPCT	5.43E-06	0.733147	0.95702	-1.04491	0.359678	0.886127	-1.12851	1.27E-07	8.59723	8.59723	1.82E-05	3.07281	3.07281	0.116053	0.803115	-1.24515	0.519146	0.91953	-1.08751	0.0826801	0.781367	-1.27981	0.000304063	2.12427	2.12427	0.553824	1.07991	1.07991	47.5044	12.398	0.231989	1
cg09839443	QPCT	3.85E-05	0.490254	0.823351	-1.21455	0.00805452	2.56372	2.56372	2.69E-06	22.8865	22.8865	6.26E-05	7.73052	7.73052	0.895855	1.03699	1.03699	0.0277753	2.05731	2.05731	0.592346	0.860785	-1.16173	1.72E-05	11.5132	11.5132	0.154511	1.52607	1.52607	28.5203	34.7488	1.08301	1
cg08188893	QPCT	0.000133564	0.00107224	0.554222	-1.80433	0.00013665	0.446639	-2.23895	0.000278969	0.483782	-2.06705	0.00512549	0.63658	-1.57089	0.176144	0.8389	-1.19204	0.00472469	0.632269	-1.58161	0.00182003	1.71824	1.71824	6.30E-05	0.406657	-2.45907	0.176	0.838845	-1.19212	20.4871	4.84062	0.210024	1
cg20091297	QPCT	0.000238886	0.0224501	0.633126	-1.57946	0.995408	0.999038	-1.00096	5.97E-06	5.46351	5.46351	0.150562	1.29377	1.29377	0.0282927	0.648667	-1.54162	0.0596349	0.700957	-1.42662	0.102404	0.741733	-1.34819	0.0405828	0.673499	-1.48478	0.700498	0.937437	-1.06674	17.5054	7.74666	0.393359	1
cg22629987	QPCT	0.000305895	0.0315903	0.406622	-2.45929	0.216182	0.628352	-1.59146	0.000138119	10.5094	10.5094	0.000192401	9.41012	9.41012	0.0419872	0.433152	-2.30866	0.766032	1.11242	1.11242	0.0351818	0.416479	-2.40108	0.000639087	6.49927	6.49927	0.330975	1.43063	1.43063	16.3627	33.0306	1.79436	1
cg20647735	QPCT	0.000395578	0.080151	0.388041	-2.57705	0.595322	1.29875	1.29875	0.000238557	19.4303	19.4303	0.000246455	19.1559	19.1559	0.486823	0.708559	-1.41132	0.230245	1.8474	1.8474	0.0112533	0.212593	-4.70382	0.000226323	19.8843	19.8843	0.153348	2.10758	2.10758	15.2469	57.4189	3.34751	1
cg17304496	QPCT	0.000517652	0.432867	0.831164	-1.20313	0.304727	0.782252	-1.27836	6.67E-06	10.1037	10.1037	0.150982	1.42703	1.42703	0.949032	0.985338	-1.01488	0.303837	0.781873	-1.27898	0.114179	0.67231	-1.48741	0.635439	0.895525	-1.11666	0.137658	1.44686	1.44686	14.1536	11.967	0.751567	1
cg15162392	QPCT	0.00103737	0.279086	0.389697	-2.5661	0.64586	1.47325	1.47325	0.00171989	42.3656	42.3656	0.000882461	64.9691	64.9691	0.521167	0.580099	-1.72384	0.132196	3.8986	3.8986	0.00159935	0.0225578	-44.3306	0.0012089	52.9333	52.9333	0.0642154	5.70577	5.70577	11.6447	129.332	9.87248	1
cg17594241	QPCT	0.00166533	0.537407	1.27325	1.27325	0.421658	1.37374	1.37374	0.00320118	4.74292	4.74292	0.000395954	8.86585	8.86585	0.45512	1.34217	1.34217	0.00332093	4.69568	4.69568	0.383346	0.707652	-1.41312	0.000263792	10.1642	10.1642	0.0537614	2.33307	2.33307	10.1682	24.0988	2.10668	1
cg08786077	QPCT	0.0078151	0.761956	0.768474	-1.30128	0.60652	1.56886	1.56886	0.00430288	27.3652	27.3652	0.00204632	43.2442	43.2442	0.342809	0.428623	-2.33305	0.0964909	4.86394	4.86394	0.440879	0.505965	-1.97642	0.00245878	38.5236	38.5236	0.0686167	5.85246	5.85246	6.39096	76.055	10.5781	1
cg24886632	QPCTL;QPCTL	0.000161185	2.82E-05	0.160575	-6.22763	0.00528718	0.442045	-2.26221	0.000112086	0.221458	-4.51552	0.63592	1.1117	1.1117	0.000106245	0.218909	-4.56811	0.0421438	0.594616	-1.68176	0.725442	1.08144	1.08144	0.120793	1.45293	1.45293	0.00910903	0.479182	-2.08689	19.4755	15.2069	0.694067	1
cg14726229	QPCTL;SNRPD2;QPCTL;SNRPD2	0.000875036	0.342509	0.7127	-1.40311	0.254354	1.51013	1.51013	0.988209	1.00513	1.00513	0.834333	0.930036	-1.07523	6.02E-05	0.0767154	-13.0352	0.000138226	0.102122	-9.79222	0.520234	1.25323	1.25323	0.152267	0.587965	-1.70078	0.475598	1.28562	1.28562	12.2194	23.2117	1.68851	1
cg24254206	QPCTL;SNRPD2;SNRPD2;QPCTL	0.0017448	0.00212044	0.155708	-6.42228	0.0138481	0.269963	-3.70421	0.378253	1.47584	1.47584	0.318718	0.641668	-1.55844	0.000707671	9.22289	9.22289	0.0437487	0.368614	-2.71286	0.00344857	0.180868	-5.5289	0.0406029	0.36133	-2.76755	0.9168	0.956007	-1.04602	10.0319	29.4523	2.60965	1
cg15867197	QPCTL;SNRPD2;SNRPD2;QPCTL	0.0165998	0.209665	1.12413	1.12413	0.0563648	0.825961	-1.21071	0.0108733	1.32707	1.32707	0.833684	1.01878	1.01878	0.211862	1.12343	1.12343	0.350222	1.08882	1.08882	0.0184582	0.776521	-1.2878	0.23272	0.895169	-1.11711	0.0118299	1.32067	1.32067	5.00919	0.621305	0.110251	1
cg09922770	QPCTL;SNRPD2;SNRPD2;QPCTL	0.0197528	0.500327	0.887153	-1.1272	0.809141	0.958532	-1.04326	0.908207	1.02039	1.02039	0.00435184	1.94803	1.94803	0.491009	1.13025	1.13025	0.276428	1.21914	1.21914	0.00255591	0.480773	-2.07998	0.506428	0.888707	-1.12523	0.285072	0.823378	-1.21451	4.72447	2.29215	0.431258	1
cg04876548	QPRT	0.000787939	0.799293	0.953661	-1.04859	0.49475	0.878875	-1.13782	0.0969943	1.40385	1.40385	0.522304	1.12835	1.12835	3.76E-05	0.228995	-4.3669	0.191335	1.29385	1.29385	0.000389112	0.348794	-2.86702	0.431059	1.16144	1.16144	0.561305	0.896389	-1.11559	12.5858	6.91251	0.488207	1
cg03997039	QPRT	0.00200885	0.879308	1.02876	1.02876	0.0778341	1.4415	1.4415	0.998993	0.999765	-1.00024	0.113619	0.725251	-1.37883	0.279717	1.2333	1.2333	0.00501037	1.99951	1.99951	4.73E-05	4.18279	4.18279	0.0714871	1.45585	1.45585	0.669725	0.923057	-1.08336	9.6295	5.31058	0.490214	1
cg05000199	QPRT	0.00269499	0.129045	0.853226	-1.17202	0.0117176	0.73731	-1.35628	0.0326789	0.785153	-1.27364	0.285166	0.89814	-1.11341	0.0413639	0.796373	-1.25569	0.227792	0.884693	-1.13034	0.00020553	1.82544	1.82544	0.0718418	0.823262	-1.21468	0.18136	0.871697	-1.14719	8.83424	1.31029	0.131839	1
cg00145955	QPRT	0.00585405	0.014267	3.41867	3.41867	0.0327274	2.76271	2.76271	0.744389	1.14233	1.14233	0.528778	0.771402	-1.29634	0.00211052	5.80243	5.80243	0.0595486	2.37479	2.37479	0.000498818	9.1639	9.1639	0.0223101	3.04587	3.04587	0.160536	1.8399	1.8399	6.99207	18.3192	2.32889	1
cg00097384	QPRT	0.0106673	0.0459024	2.94831	2.94831	0.0159234	4.03477	4.03477	0.379914	1.53054	1.53054	0.200443	0.5278	-1.89466	0.011309	4.47689	4.47689	0.315026	0.612054	-1.63384	0.00172956	8.26473	8.26473	0.0464877	2.93737	2.93737	0.490058	0.717988	-1.39278	5.78946	20.4738	3.14346	1
cg25023941	QPRT	0.0110427	0.339696	0.850658	-1.17556	0.0136278	1.65137	1.65137	0.953756	1.00958	1.00958	0.535534	0.902009	-1.10864	0.0263224	0.648534	-1.54194	0.534521	1.10893	1.10893	0.000698222	2.33953	2.33953	0.80532	1.04142	1.04142	0.483274	1.12424	1.12424	5.72537	2.44983	0.380346	1
cg02640604	QPRT	0.0407206	0.0285633	0.371591	-2.69113	0.00745034	0.267001	-3.74531	0.147803	0.551548	-1.81308	0.245062	0.627546	-1.59351	0.0327392	0.383917	-2.60473	0.254366	0.633771	-1.57786	0.850348	0.930179	-1.07506	0.0770971	0.470854	-2.1238	0.00712587	0.263986	-3.78808	3.65897	8.50924	2.06719	1
cg03356900	QRFPR	5.12E-05	0.00259861	2.53699	2.53699	0.299584	1.27108	1.27108	0.0862987	0.655189	-1.52628	0.663	1.10278	1.10278	0.000565955	3.29349	3.29349	0.015839	1.9337	1.9337	0.0767428	0.644539	-1.5515	2.26E-06	13.1651	13.1651	8.21E-05	4.87279	4.87279	26.4596	20.863	0.700877	1
cg13643914	QRFPR	7.40E-05	0.000923125	5.86349	5.86349	0.00287591	4.11815	4.11815	0.103469	1.75221	1.75221	0.00166875	0.206445	-4.84392	0.000714636	6.40113	6.40113	0.0181304	2.56361	2.56361	0.0343307	0.45061	-2.21921	4.04E-06	102.093	102.093	0.000424796	7.73072	7.73072	46.2735	64.8191	0.933856	1
cg05604079	QRFPR	0.000151052	0.00101051	7.49379	7.49379	0.60608	0.806724	-1.23958	0.221569	0.588318	-1.69976	0.377588	0.68811	-1.45326	0.000607933	8.85886	8.85886	0.0127077	3.59152	3.59152	0.00453205	0.209822	-4.76595	2.94E-05	29.408	29.408	0.00058654	8.96675	8.96675	19.8195	53.5108	2.39991	1
cg15105182	QRFPR	0.000242729	0.000106747	7.606	7.606	0.0845584	1.76149	1.76149	0.0707491	0.549237	-1.82071	0.127741	1.63018	1.63018	0.00555065	2.94839	2.94839	?	?	?	0.177041	0.653245	-1.53082	6.28E-05	8.90965	8.90965	0.000865978	4.40854	4.40854	17.8647	22.1486	1.2398	1
cg24727399	QRFPR	0.000317278	0.00213319	7.06854	7.06854	0.682189	0.829784	-1.20513	0.51237	0.739978	-1.35139	0.994271	0.996751	-1.00326	0.000624541	10.8533	10.8533	0.00693358	4.87176	4.87176	0.394323	1.48499	1.48499	1.83E-05	52.5028	52.5028	0.00068913	10.4677	10.4677	16.1998	52.6971	2.89152	1
cg19971716	QRFPR	0.000507355	0.0029087	0.369585	-2.70574	0.457784	1.20193	1.20193	0.182756	1.41047	1.41047	0.544034	0.861241	-1.16112	0.000398179	0.253836	-3.93955	0.0922635	0.637141	-1.56951	0.0131184	0.473171	-2.1134	0.00191175	2.9131	2.9131	0.000825516	3.40511	3.40511	14.2327	13.3383	0.833029	1
cg14906545	QRFPR	0.00668732	0.000171551	0.344426	-2.90338	0.316447	0.841232	-1.18873	0.0397729	0.672453	-1.48709	0.479589	0.886946	-1.12746	0.708922	1.0646	1.0646	0.0773011	0.720477	-1.38797	0.0963253	1.35636	1.35636	0.136567	0.765112	-1.307	0.0805622	0.723591	-1.382	6.7099	2.96127	0.392292	1
cg16999370	QRFPR	0.0083679	0.463493	1.53794	1.53794	0.666389	0.77865	-1.28427	0.521763	0.687589	-1.45436	0.912659	1.06534	1.06534	0.347505	0.572361	-1.74715	0.843967	1.12039	1.12039	0.882664	0.918334	-1.08893	0.000168655	40.1416	40.1416	0.0188476	5.16076	5.16076	6.25488	32.964	4.68455	1
cg12952042	QRFPR	0.0474232	0.997086	0.998543	-1.00146	0.00416274	4.63491	4.63491	0.912104	1.04508	1.04508	0.480935	1.3312	1.3312	0.248719	0.617876	-1.61845	0.0178166	3.15907	3.15907	0.613401	0.815921	-1.22561	0.246043	1.62328	1.62328	0.0696531	2.24838	2.24838	3.45671	8.7298	2.24486	1
cg00015770	QRFPR;QRFPR	0.000230217	0.383363	0.793858	-1.25967	0.958981	0.986805	-1.01337	0.896579	1.03416	1.03416	0.178578	0.691369	-1.4464	0.471786	0.827763	-1.20808	0.0486178	0.558942	-1.78909	0.154444	0.674591	-1.48238	9.68E-06	11.6971	11.6971	0.000229098	4.85816	4.85816	17.6824	18.6779	0.938933	1
cg14012124	QRFPR;QRFPR	0.0115933	0.431871	1.40082	1.40082	0.443031	1.38907	1.38907	0.952028	0.975037	-1.0256	0.392245	0.691916	-1.44526	0.540551	0.770801	-1.29735	0.356952	0.671598	-1.48899	0.589184	0.795262	-1.25745	0.00115884	7.42721	7.42721	0.00176107	6.50384	6.50384	5.63611	15.7599	2.48554	1
cg16326674	QRFPR;QRFPR	0.016085	0.886361	1.0242	1.0242	0.577777	0.910239	-1.09861	0.783842	0.955051	-1.04706	0.559707	0.906061	-1.10368	0.485566	0.888234	-1.12583	0.402573	0.866517	-1.15405	0.00774398	0.564357	-1.77193	0.00457189	1.88049	1.88049	0.00994894	1.72373	1.72373	5.06206	2.24268	0.393811	1
cg18770678	QRICH1;QRICH1	0.000585617	0.144246	0.820585	-1.21864	0.0218027	1.41487	1.41487	0.207366	0.845683	-1.18248	0.000122398	2.32836	2.32836	0.0115872	0.671731	-1.48869	0.022115	0.707578	-1.41327	0.598113	1.06936	1.06936	0.000745675	1.90638	1.90638	0.019484	1.42759	1.42759	13.6761	3.44211	0.223723	1
cg14847983	QRICH1;QRICH1	0.0140495	0.0484031	0.279886	-3.57288	0.000459407	0.0444148	-22.515	0.22741	2.04515	2.04515	0.421401	1.59002	1.59002	0.447874	0.646132	-1.54767	?	?	?	0.455485	0.651035	-1.53602	0.562891	0.718726	-1.39135	0.593611	1.35542	1.35542	5.39518	24.2148	4.48823	1
cg02653313	QRICH1;QRICH1	0.0140947	0.520956	0.790867	-1.26444	0.568122	0.81216	-1.23128	0.0720192	0.484726	-2.06302	0.00552346	0.268438	-3.72526	0.020497	0.365389	-2.73681	0.460242	1.31144	1.31144	0.0014277	0.189462	-5.27811	0.881004	1.0555	1.0555	0.0288144	0.394685	-2.53367	5.28815	10.8917	1.83079	1
ch.3.1042801R	QRICH1;QRICH1	0.0163416	0.950426	1.01121	1.01121	0.475809	0.878121	-1.1388	0.452859	0.871905	-1.14691	0.620613	0.914446	-1.09356	0.000190085	0.32383	-3.08804	0.144202	0.75488	-1.32471	0.163774	0.766162	-1.30521	0.20117	0.785078	-1.27376	0.830312	0.962262	-1.03922	5.03546	2.56233	0.452318	1
cg19500730	QRICH1;QRICH1	0.0171229	0.735599	1.18345	1.18345	0.0119561	0.210451	-4.75169	0.0528066	0.334913	-2.98585	0.32587	1.65553	1.65553	0.00760062	0.181599	-5.50663	0.193838	0.505001	-1.98019	0.00286141	0.130118	-7.68535	0.933482	1.04236	1.04236	0.100367	0.408794	-2.44622	4.95752	19.3911	3.47684	1
cg15856832	QRICH1;QRICH1	0.0478546	0.843531	0.938264	-1.0658	0.476484	1.26294	1.26294	0.358058	1.35631	1.35631	0.0226783	2.41019	2.41019	0.124065	0.584477	-1.71093	0.104459	0.564229	-1.77233	0.089571	1.82858	1.82858	0.0120527	2.74444	2.74444	0.890583	1.04538	1.04538	3.44492	5.67314	1.46384	1
cg11013977	QRICH1;QRICH1;QRICH1;QRICH1	0.0298833	0.0754481	0.730527	-1.36888	0.756499	1.05059	1.05059	0.0207184	1.55559	1.55559	0.00608841	0.566575	-1.76499	0.242036	0.823438	-1.21442	0.299152	0.843056	-1.18616	0.201973	1.23831	1.23831	0.244805	1.21291	1.21291	0.413955	1.14168	1.14168	4.09249	1.63144	0.35435	1
cg15670680	QRICH2	0.00293003	0.685896	0.935437	-1.06902	0.000161449	2.87892	2.87892	0.034473	1.49903	1.49903	0.280159	0.8317	-1.20236	0.223573	0.810662	-1.23356	0.071623	0.718778	-1.39125	0.399673	0.868032	-1.15203	0.0216374	0.635922	-1.57252	0.122468	1.31619	1.31619	8.61829	3.67794	0.379342	1
cg00150989	QRICH2	0.00790366	0.0679473	0.725475	-1.37841	0.00111035	2.12608	2.12608	0.698002	0.940627	-1.06312	0.203088	0.809844	-1.2348	0.372305	0.866073	-1.15464	0.303035	0.8458	-1.18231	0.00267131	1.91914	1.91914	0.603179	1.08581	1.08581	0.340074	1.16689	1.16689	6.36837	2.48543	0.346913	1
cg09812376	QRICH2	0.0118346	0.0104534	0.351677	-2.84352	0.810978	1.08078	1.08078	0.0317978	0.442244	-2.26119	0.289438	0.700117	-1.42833	0.0188456	0.397565	-2.51531	0.0104435	0.351607	-2.84409	0.00116245	0.213008	-4.69467	0.775016	0.911275	-1.09736	0.0375217	0.457272	-2.18688	5.59863	9.32089	1.47987	1
cg22674248	QRICH2	0.0138881	0.045918	0.340296	-2.93862	0.0134812	0.236678	-4.22515	0.0112484	0.223992	-4.46445	0.569605	1.31096	1.31096	0.00374423	0.158167	-6.32242	0.0325322	0.307616	-3.25081	0.00938786	0.211889	-4.71945	0.374742	0.651007	-1.53608	0.02357	0.27974	-3.57475	5.31388	18.6812	3.12493	1
cg12841208	QRICH2	0.0226406	0.0422743	0.749384	-1.33443	0.0195552	1.41621	1.41621	0.0174806	1.42868	1.42868	0.262286	0.865753	-1.15506	0.205514	0.84813	-1.17906	0.308837	1.13871	1.13871	0.0243877	1.39212	1.39212	0.695379	0.952626	-1.04973	0.255392	0.863778	-1.15771	4.50925	1.08626	0.21413	1
cg00054248	QRICH2	0.0271662	0.604205	1.08463	1.08463	0.426167	1.13454	1.13454	0.0232751	1.52388	1.52388	0.587516	0.918438	-1.08881	0.270199	1.19524	1.19524	0.198392	0.809651	-1.2351	0.00160904	2.01914	2.01914	0.362168	0.86459	-1.15662	0.326665	0.854441	-1.17036	4.23254	1.61767	0.339732	1
cg15446613	QRSL1;RTN4IP1	0.00165466	0.0135497	1.59423	1.59423	0.000660355	0.451037	-2.21711	0.0296202	0.676458	-1.47829	0.80135	1.03923	1.03923	0.801651	0.962306	-1.03917	0.0961699	1.32164	1.32164	0.000551373	2.26759	2.26759	0.620415	1.07919	1.07919	0.176441	0.80303	-1.24528	10.1871	3.75932	0.328024	1
cg18030545	QRSL1;RTN4IP1;QRSL1	0.0363665	0.206181	0.852511	-1.17301	0.975068	1.00375	1.00375	0.790924	1.03231	1.03231	0.166781	1.19292	1.19292	0.256707	1.15219	1.15219	0.574913	1.07016	1.07016	0.024966	0.7267	-1.37608	0.0644695	1.28218	1.28218	0.00543694	1.54913	1.54913	3.81377	0.864973	0.201602	1
cg23958803	QSER1	3.81E-06	0.0070603	0.641032	-1.55999	0.992057	0.998729	-1.00127	0.00770964	1.54837	1.54837	0.083657	1.27699	1.27699	1.38E-07	0.120195	-8.31982	0.0153287	0.68378	-1.46246	1.42E-05	0.315084	-3.17375	0.104193	1.25466	1.25466	4.73E-05	0.375558	-2.66271	52.0494	13.4456	0.229621	1
cg23828593	QSER1	0.000136955	2.92E-05	0.163531	-6.11504	0.000459705	0.295757	-3.38115	0.471786	0.850709	-1.17549	0.939074	0.983256	-1.01703	5.68E-05	0.191799	-5.2138	0.000267689	0.266794	-3.74821	0.0686707	0.637535	-1.56854	0.849909	1.04274	1.04274	0.000473966	0.297436	-3.36207	20.3494	15.7263	0.686943	1
cg03347444	QSER1	0.000727922	0.0553019	0.640005	-1.56249	0.166158	1.35435	1.35435	0.0056242	2.10991	2.10991	0.631124	1.10448	1.10448	0.00499878	0.466216	-2.14493	0.130575	1.39849	1.39849	0.100837	0.691312	-1.44652	4.74E-05	4.82967	4.82967	0.0801088	1.49013	1.49013	12.869	8.60089	0.59408	1
cg11491207	QSER1	0.00247945	0.00327406	2.89926	2.89926	0.324815	1.29424	1.29424	0.0177266	0.471847	-2.11933	0.000228996	0.185729	-5.3842	0.452694	1.21368	1.21368	0.215356	1.39347	1.39347	0.0563429	1.74408	1.74408	0.518389	0.847367	-1.18013	0.629557	0.884414	-1.13069	10.7263	10.5969	0.768399	1
cg03346523	QSER1	0.00722123	0.00359614	0.454619	-2.19965	0.00050757	0.3375	-2.96296	0.244127	0.783753	-1.27591	0.0337969	0.609211	-1.64147	0.0118414	0.533483	-1.87447	0.586296	0.895942	-1.11614	0.055132	0.647403	-1.54463	0.411353	1.1829	1.1829	0.0727839	0.67017	-1.49216	6.55118	4.14849	0.562882	1
cg08084675	QSER1	0.023382	0.127858	0.756943	-1.3211	0.00258453	2.02683	2.02683	0.0124343	1.69251	1.69251	0.186874	1.26702	1.26702	0.957377	1.00908	1.00908	0.953346	1.00995	1.00995	0.029352	1.54363	1.54363	0.230473	1.23715	1.23715	0.116666	1.33424	1.33424	4.45944	2.02103	0.402847	1
cg27097622	QSER1	0.0280462	0.22558	0.706712	-1.415	0.0127611	0.430017	-2.32549	0.00219439	0.30993	-3.22653	0.348061	0.768341	-1.30151	0.832634	1.05942	1.05942	0.44883	1.23433	1.23433	0.377764	1.27999	1.27999	0.673761	0.890925	-1.12243	0.0370528	0.516632	-1.93561	4.18535	4.93174	1.04741	1
cg03208016	QSOX1;QSOX1	0.00116049	0.22906	1.23559	1.23559	0.000988407	0.440225	-2.27157	0.31658	1.1895	1.1895	0.000912897	0.435656	-2.29539	0.342691	1.17803	1.17803	0.0343892	0.661274	-1.51223	0.006333	0.551142	-1.81441	0.0039381	1.9158	1.9158	0.129713	1.31568	1.31568	11.279	5.01798	0.395463	1
cg03396826	QSOX1;QSOX1	0.00705816	0.0264541	2.01973	2.01973	0.807749	0.93695	-1.06729	0.00661261	0.389912	-2.56468	0.511999	1.19442	1.19442	0.00683193	2.54977	2.54977	0.264499	1.36436	1.36436	0.0166641	0.458006	-2.18338	0.538049	0.846576	-1.18123	0.0190511	0.468523	-2.13437	6.59807	7.45743	1.00466	1
cg06894687	QSOX1;QSOX1	0.0129495	0.00281738	0.276461	-3.61714	0.014837	0.391987	-2.5511	0.179692	0.640648	-1.56092	0.0250567	0.434801	-2.2999	0.0107136	0.367088	-2.72414	0.0921742	0.56034	-1.78463	0.00560595	0.320975	-3.1155	0.00906314	0.354757	-2.81883	0.125315	0.595478	-1.67932	5.43706	8.40746	1.37451	1
cg19936954	QSOX1;QSOX1	0.0184854	0.900192	1.03967	1.03967	0.100151	1.74804	1.74804	0.114742	1.70197	1.70197	0.00227819	3.75482	3.75482	0.252008	0.690045	-1.44918	0.286688	1.40918	1.40918	0.232132	1.47479	1.47479	0.00240502	3.70946	3.70946	0.13423	1.64988	1.64988	4.83164	7.35556	1.35322	1
cg09505809	QSOX1;QSOX1	0.0228821	0.00887899	0.189607	-5.27408	0.123073	0.434238	-2.30289	0.232855	0.535443	-1.86761	0.0162372	0.230424	-4.33983	0.0044173	0.149982	-6.66748	0.933228	1.04273	1.04273	0.0254786	0.265614	-3.76487	0.0196281	0.244701	-4.08662	0.0951678	0.400296	-2.49815	4.49281	17.7413	3.51007	1
cg08812504	QSOX1;QSOX1	0.037513	0.0281111	0.66646	-1.50047	0.280888	1.19168	1.19168	0.399614	1.14444	1.14444	0.5274	0.904668	-1.10538	0.432091	1.13366	1.13366	0.581115	1.09111	1.09111	0.00362897	0.540191	-1.8512	0.639962	1.07649	1.07649	0.109951	1.31339	1.31339	3.77087	1.46204	0.34464	1
cg24311933	QSOX1;QSOX1	0.0477357	0.00243453	0.434647	-2.30072	0.387979	0.839684	-1.19092	0.179788	1.3249	1.3249	0.0534093	0.648377	-1.54231	0.808273	0.953126	-1.04918	0.268809	0.796576	-1.25537	0.0868154	0.688332	-1.45279	0.812566	1.04803	1.04803	0.85559	1.03663	1.03663	3.44815	2.12965	0.548997	1
cg14215186	QSOX2	0.00533012	0.617373	0.893416	-1.1193	0.962354	0.989494	-1.01062	0.440467	0.838591	-1.19248	0.329588	1.2525	1.2525	6.62E-05	0.194579	-5.1393	0.154614	0.711118	-1.40624	0.404255	0.826161	-1.21042	0.0888179	0.657048	-1.52196	0.102399	0.670355	-1.49175	7.19648	5.70679	0.704887	1
cg01071644	QSOX2	0.0379358	0.404685	0.742015	-1.34768	0.00203475	0.218219	-4.58254	0.0426344	0.44183	-2.26331	0.613862	0.836894	-1.19489	0.159698	0.591072	-1.69184	0.896904	1.04641	1.04641	0.0518274	0.460981	-2.16929	0.0278465	0.402652	-2.48353	0.769708	1.1082	1.1082	3.75546	7.28468	1.72423	1
cg24354730	QTRT1	0.000194222	0.00615543	0.647097	-1.54536	0.3726	1.11794	1.11794	0.0328937	1.35516	1.35516	0.144572	0.826244	-1.2103	9.37E-06	0.31194	-3.20574	0.00436933	0.628962	-1.58992	0.000406082	0.504371	-1.98267	0.0103853	0.674966	-1.48156	0.00626791	0.648057	-1.54307	18.5177	4.35049	0.208832	1
cg23261372	QTRT1	0.0138619	0.637621	0.85988	-1.16295	0.0161434	2.55108	2.55108	0.39355	1.3206	1.3206	0.195832	1.54535	1.54535	0.742453	0.900395	-1.11062	0.000892134	0.205321	-4.87043	0.0980592	0.56135	-1.78142	0.478542	1.25764	1.25764	0.57102	1.19982	1.19982	5.31717	8.52576	1.42528	1
cg05324989	QTRT1	0.0149188	0.433572	0.831917	-1.20204	0.0484002	0.594901	-1.68095	0.664467	0.904383	-1.10573	0.409353	0.823399	-1.21448	0.000459288	0.28078	-3.56151	0.0312439	0.558757	-1.78969	0.731088	1.08269	1.08269	0.181277	1.38657	1.38657	0.890755	1.03215	1.03215	5.19	4.3592	0.746597	1
cg23183932	QTRT1	0.0162022	0.000712369	0.209393	-4.77571	0.0320044	0.466703	-2.14269	0.0144818	0.400995	-2.49379	0.587378	0.846889	-1.18079	0.586341	0.846491	-1.18135	0.912801	0.96732	-1.03378	0.30268	1.38244	1.38244	0.334253	0.73929	-1.35265	0.470212	1.24961	1.24961	5.04984	7.35804	1.29519	1
cg23018448	QTRT1	0.0324129	0.0221353	0.194327	-5.14596	0.315506	0.538078	-1.85847	0.378036	0.582688	-1.71619	0.225438	0.467563	-2.13875	0.00884361	0.136677	-7.31653	0.094025	0.333051	-3.00255	0.00250582	0.0814969	-12.2704	0.0748054	0.305739	-3.27076	0.0816707	0.315926	-3.1653	3.97558	22.4526	5.02012	1
cg17710535	QTRT1	0.0354105	0.140639	0.705677	-1.41708	0.00663003	0.460679	-2.17071	0.968628	0.991387	-1.00869	0.220272	1.32773	1.32773	0.323163	0.798957	-1.25163	0.00300723	0.408692	-2.44683	0.918162	0.977648	-1.02286	0.647911	0.903819	-1.10642	0.315317	0.795836	-1.25654	3.85083	2.95036	0.681034	1
cg03247675	QTRT1;QTRT1	0.000337541	0.466078	0.828831	-1.20652	0.32428	0.772863	-1.29389	0.319475	1.29744	1.29744	0.659943	1.11859	1.11859	0.0316515	0.528526	-1.89205	0.977092	1.00729	1.00729	3.33E-06	0.0621337	-16.0943	0.0621164	0.587671	-1.70163	0.0420224	0.552651	-1.80946	15.927	16.1597	0.901876	1
cg21644316	QTRTD1	0.00680426	0.00181698	0.087827	-11.386	0.00896106	0.161395	-6.19596	0.00576921	0.137397	-7.2782	0.0757846	0.3381	-2.95771	0.0164262	0.200103	-4.99744	0.0257067	0.233697	-4.27904	0.00211992	0.0934575	-10.7001	0.183471	0.460997	-2.16921	0.0124291	0.181407	-5.51247	6.67382	31.823	4.23851	1
cg21207003	QTRTD1	0.01163	0.956656	0.981462	-1.01889	0.00198348	0.222258	-4.49927	0.0484396	0.460131	-2.17329	0.807946	1.08746	1.08746	0.00347584	0.255272	-3.91739	0.117381	0.556814	-1.79593	0.014424	0.354137	-2.82377	0.654809	1.16757	1.16757	0.0220475	0.388555	-2.57364	5.63035	10.5689	1.66856	1
cg15324256	QTRTD1;KIAA1407	0.0184656	0.659839	1.10301	1.10301	0.0990662	1.49221	1.49221	0.26424	1.2938	1.2938	0.938614	0.983096	-1.01719	0.499034	0.859074	-1.16404	0.278039	1.28362	1.28362	0.000469367	0.296161	-3.37654	0.756814	1.07118	1.07118	0.993748	1.00174	1.00174	4.83339	3.75063	0.689763	1
cg07892167	R3HCC1	6.39E-10	1.17E-08	0.313501	-3.18979	2.37E-06	0.556462	-1.79707	1.60E-08	0.327848	-3.05019	9.44E-11	0.118993	-8.40385	1.75E-10	0.13938	-7.17462	0.000231219	0.73184	-1.36642	5.51E-08	0.38569	-2.59275	7.76E-10	0.195229	-5.12219	1.32E-05	0.627175	-1.59445	469.257	19.3886	0.0367269	1
cg00329472	R3HCC1	0.000794584	0.154715	0.718175	-1.39242	0.330003	0.80374	-1.24418	0.00263779	0.404737	-2.47074	0.124562	0.696689	-1.43536	0.941347	0.984134	-1.01612	0.0016728	0.37651	-2.65597	2.04E-05	0.153908	-6.4974	0.208434	1.33406	1.33406	0.341273	0.808048	-1.23755	12.5561	9.39377	0.665019	1
cg24842402	R3HCC1	0.00107578	0.00169862	0.296183	-3.37629	0.843367	0.950628	-1.05194	0.279836	0.748864	-1.33536	0.0201443	0.477586	-2.09386	0.000464312	0.21864	-4.57372	7.18E-05	0.128684	-7.77097	0.715066	1.09843	1.09843	0.795006	0.935523	-1.06892	0.405932	1.244	1.244	14.0043	14.2176	0.789623	1
cg09364211	R3HCC1	0.0210515	0.150513	0.732242	-1.36567	0.331593	0.816621	-1.22456	0.819747	0.954891	-1.04724	0.00154537	0.398174	-2.51147	0.131855	0.719703	-1.38946	0.0892693	1.46074	1.46074	0.0879144	0.683258	-1.46358	0.0153214	0.547728	-1.82572	0.128903	0.717592	-1.39355	4.62316	2.99456	0.57576	1
cg20142986	R3HCC1	0.0333067	0.116726	1.57756	1.57756	0.15806	0.667855	-1.49733	0.699762	0.90154	-1.10921	0.0536004	1.79731	1.79731	0.925026	0.975138	-1.0255	0.341603	0.769425	-1.29967	0.00796937	2.48385	2.48385	0.0100271	2.38554	2.38554	0.454672	1.22593	1.22593	3.93694	4.46111	1.00724	1
cg04522898	R3HDM1	0.0187415	0.0235946	0.307624	-3.25072	0.610907	0.799502	-1.25078	0.875025	0.933662	-1.07105	0.536088	0.760905	-1.31422	0.146423	0.506702	-1.97355	0.0539542	0.385156	-2.59635	0.00125922	0.128304	-7.79401	0.325538	1.55692	1.55692	0.0113427	0.250944	-3.98495	4.80927	14.4861	2.67744	1
cg02220755	R3HDM1;ZRANB3	0.000400482	0.508739	1.09903	1.09903	3.41E-05	0.32296	-3.09635	0.00216072	1.8341	1.8341	0.699162	1.05623	1.05623	0.0110008	1.56733	1.56733	0.0329775	0.703779	-1.4209	0.169765	1.22877	1.22877	0.00717435	1.63064	1.63064	0.127719	1.26111	1.26111	15.1952	4.77552	0.279359	1
cg02025938	R3HDM1;ZRANB3	0.0124442	0.25919	0.851563	-1.17431	0.144848	1.23831	1.23831	0.00754085	1.59888	1.59888	0.0376325	0.719508	-1.38984	0.692785	1.0557	1.0557	0.255896	0.850531	-1.17574	0.0264239	0.698166	-1.43232	0.00547128	0.607326	-1.64656	0.703218	1.05364	1.05364	5.50805	1.62546	0.262317	1
cg19738386	R3HDM1;ZRANB3	0.0162469	0.53711	1.17492	1.17492	0.484913	1.20089	1.20089	0.41997	1.2368	1.2368	0.123646	0.650423	-1.53746	0.000394323	0.233178	-4.28857	0.746782	0.919833	-1.08715	0.968621	0.989905	-1.0102	0.117061	1.55137	1.55137	0.700017	0.904963	-1.10502	5.04521	5.31609	0.936613	1
cg04783646	R3HDM1;ZRANB3	0.0182161	0.0323524	1.96416	1.96416	0.79363	0.931805	-1.07319	0.233708	1.39985	1.39985	0.590585	1.15757	1.15757	0.457612	0.815636	-1.22604	0.000743952	0.251731	-3.97249	0.296745	0.747169	-1.33838	0.491291	0.828335	-1.20724	0.404606	1.25828	1.25828	4.85559	5.58178	1.02183	1
cg08278748	R3HDM1;ZRANB3	0.0191692	0.0131202	1.28095	1.28095	0.396821	1.07233	1.07233	0.338419	0.923643	-1.08267	0.00473911	0.739378	-1.35249	0.660274	0.965024	-1.03624	0.368483	1.07718	1.07718	0.0307117	0.815217	-1.22667	0.0855501	1.16529	1.16529	0.980013	1.00202	1.00202	4.77273	0.489737	0.0912102	1
cg17689206	R3HDM1;ZRANB3	0.0203923	0.813399	0.917402	-1.09003	0.23682	0.636428	-1.57127	0.324989	1.44854	1.44854	0.905904	1.04406	1.04406	0.0471253	2.28937	2.28937	0.000914705	0.164163	-6.09149	0.783359	1.10571	1.10571	0.198046	1.64212	1.64212	0.277158	1.50994	1.50994	4.67358	9.83886	1.8713	1
cg01869960	R3HDM1;ZRANB3	0.031507	0.782542	0.972535	-1.02822	0.474951	0.92953	-1.07581	0.00265531	1.51908	1.51908	0.251639	0.886515	-1.12801	0.305209	0.898717	-1.1127	0.0515222	0.800173	-1.24973	0.0554398	0.803845	-1.24402	0.881705	1.01509	1.01509	0.220733	0.878548	-1.13824	4.01611	0.643445	0.142414	1
cg14591854	R3HDM1;ZRANB3	0.0362129	0.608603	0.929535	-1.07581	0.00103694	1.98835	1.98835	0.530118	1.09415	1.09415	0.156491	1.23917	1.23917	0.84403	1.02826	1.02826	0.892782	0.981102	-1.01926	0.484433	1.10575	1.10575	0.434306	1.11948	1.11948	0.0201287	1.48677	1.48677	3.81964	1.21088	0.281791	1
cg16465768	R3HDM1;ZRANB3	0.0467229	0.385343	0.793647	-1.26001	?	?	?	0.269935	1.34856	1.34856	0.0203158	0.474439	-2.10775	0.464454	0.824375	-1.21304	0.00398597	0.349609	-2.86034	0.255716	0.734196	-1.36203	0.361504	0.783737	-1.27594	0.0812333	0.6016	-1.66223	3.83098	3.53344	0.807041	1
cg17046348	R3HDM2	0.00340027	0.00672626	0.644056	-1.55266	0.273639	0.867078	-1.1533	0.0447273	0.749397	-1.33441	0.28677	1.14853	1.14853	0.00112691	0.548733	-1.82238	0.100114	1.25302	1.25302	0.00695165	1.54838	1.54838	0.155833	1.20938	1.20938	0.0836304	0.78685	-1.27089	8.24477	2.04673	0.220663	1
cg26650359	R3HDM2	0.00561079	0.00418578	0.17145	-5.83261	0.118356	2.17994	2.17994	0.0381426	0.331351	-3.01794	0.00391249	0.167801	-5.95944	0.0401616	0.33627	-2.9738	0.212017	0.546486	-1.82987	0.00612318	0.193167	-5.17688	0.179104	1.92703	1.92703	0.0109415	0.230422	-4.33986	7.08402	23.7019	2.97407	1
cg00961416	R3HDM2	0.0116587	0.818452	1.04049	1.04049	0.0131592	0.58815	-1.70025	0.091702	0.725713	-1.37795	0.187817	0.785858	-1.2725	0.653336	1.08118	1.08118	0.00471484	1.91224	1.91224	0.00887571	1.77711	1.77711	0.525219	1.11757	1.11757	0.171205	0.777602	-1.28601	5.62586	2.65603	0.419654	1
cg06002516	R3HDM2	0.0236701	0.240954	0.619975	-1.61297	0.00391468	4.53712	4.53712	0.056697	2.31647	2.31647	0.36751	0.697322	-1.43406	0.159432	1.796	1.796	0.0380139	0.391901	-2.55167	0.706012	0.862788	-1.15903	0.135911	1.8698	1.8698	0.252524	0.627836	-1.59277	4.44061	10.667	2.13523	1
cg10430362	R3HDM2	0.0380595	0.00707938	0.542605	-1.84296	0.0124057	0.578825	-1.72764	0.0187094	0.60616	-1.64973	0.165288	1.29694	1.29694	0.941141	1.01306	1.01306	0.712501	0.937046	-1.06718	0.873279	1.02844	1.02844	0.552134	0.89972	-1.11146	0.278235	0.820305	-1.21906	3.75099	1.83351	0.434496	1
cg16346236	R3HDM2	0.0434516	0.712075	0.812164	-1.23128	0.0689108	0.319027	-3.13454	0.300433	0.547592	-1.82618	0.459533	0.655308	-1.526	0.112297	0.378954	-2.63885	0.0258107	0.226383	-4.41729	0.00171301	0.0810674	-12.3354	0.794967	0.864019	-1.15738	0.0654842	0.31339	-3.19092	3.57193	17.8194	4.43443	1
cg25779645	R3HDML	0.0361145	0.146201	1.90731	1.90731	0.00750932	4.15492	4.15492	0.220128	1.7052	1.7052	0.107681	2.06824	2.06824	0.475325	1.35052	1.35052	0.0173265	3.31921	3.31921	0.00948464	3.89827	3.89827	0.020614	3.17142	3.17142	0.0601248	2.40554	2.40554	3.82342	10.3759	2.41225	1
cg00594547	RAB10	0.00049177	0.0972416	1.5681	1.5681	0.000125423	5.21419	5.21419	0.000340747	4.16308	4.16308	0.310052	0.771327	-1.29647	0.000834365	0.288526	-3.46589	0.380767	1.24885	1.24885	0.0751956	0.6128	-1.63185	0.575829	1.14995	1.14995	0.544541	1.16369	1.16369	14.3565	13.8922	0.860147	1
cg07628138	RAB10	0.000573677	0.000174802	0.560998	-1.78254	0.000392996	1.66973	1.66973	0.09621	1.18036	1.18036	0.113174	0.855135	-1.16941	0.0134521	0.757464	-1.32019	0.18477	0.880131	-1.13619	0.00582283	0.720502	-1.38792	0.0235621	0.782341	-1.27822	0.470965	1.06884	1.06884	13.7548	1.79511	0.116007	1
cg03510444	RAB10	0.007644	0.0764776	0.776546	-1.28775	0.0366269	0.73224	-1.36567	0.0305403	0.721676	-1.38566	0.595977	1.07108	1.07108	0.116015	0.803144	-1.24511	0.000592676	0.506261	-1.97526	0.0565616	1.31917	1.31917	0.0338146	0.727581	-1.37442	0.0576636	0.759217	-1.31715	6.43553	1.67864	0.231857	1
cg03839341	RAB10	0.0106444	0.010688	0.660833	-1.51324	0.151891	1.21918	1.21918	0.0988934	1.26312	1.26312	0.154125	1.21769	1.21769	0.669612	1.05698	1.05698	?	?	?	0.00436398	1.63494	1.63494	0.0287921	1.39498	1.39498	0.0201049	1.4362	1.4362	5.90852	1.38635	0.234635	1
cg17959183	RAB10	0.0404792	0.0197916	0.227163	-4.40213	0.0789625	0.35794	-2.79376	0.0819855	0.362399	-2.75939	0.834269	0.895521	-1.11667	0.0152572	0.208214	-4.80274	0.0751839	0.35221	-2.83921	0.00654927	0.155626	-6.42566	0.697721	0.814184	-1.22822	0.0488656	0.305842	-3.26966	3.667	16.1106	3.90525	1
cg03164001	RAB10	0.045779	0.00758296	0.217349	-4.6009	0.111787	0.46318	-2.15899	0.151258	0.504885	-1.98065	0.235865	0.575767	-1.73681	0.0340025	0.332943	-3.00352	0.468146	0.720322	-1.38827	0.0103173	0.23782	-4.20486	0.519602	1.33657	1.33657	0.064708	0.397693	-2.5145	3.50292	10.9571	2.78043	1
cg10638667	RAB11A	0.000197813	0.000757658	0.408013	-2.4509	0.355691	1.18154	1.18154	0.386012	1.16888	1.16888	0.000638344	2.51111	2.51111	3.65E-05	0.247694	-4.03724	0.117473	1.3479	1.3479	0.0521258	0.678469	-1.47391	0.020299	1.63444	1.63444	0.0163211	0.597147	-1.67463	18.426	8.99763	0.434055	1
cg10095352	RAB11A	0.00110412	0.00557319	0.571047	-1.75117	0.422226	0.881474	-1.13446	0.77679	1.04471	1.04471	0.0181423	0.643057	-1.55507	6.51E-05	0.323488	-3.0913	0.0107412	0.610606	-1.63772	0.000773869	0.457005	-2.18816	0.170153	0.798654	-1.25211	0.00272075	0.528859	-1.89086	11.4401	4.29084	0.333396	1
cg23900535	RAB11A	0.0377184	0.842746	0.978417	-1.02206	0.891499	0.985119	-1.01511	0.442338	1.08987	1.08987	0.00265012	0.633297	-1.57904	0.261447	0.879282	-1.13729	0.0249163	0.745873	-1.34071	0.0821209	0.809294	-1.23565	0.996001	0.99945	-1.00055	0.176604	1.17094	1.17094	3.76335	0.719293	0.169894	1
cg25758978	RAB11B	0.0018698	0.0965972	0.494386	-2.02271	0.000914877	0.147519	-6.77877	0.0519439	0.425723	-2.34894	0.827169	0.919027	-1.08811	0.000113698	0.0730574	-13.6879	0.0109543	0.29143	-3.43136	0.222803	0.60975	-1.64002	0.0394352	0.398503	-2.50939	0.00171512	0.17757	-5.63157	9.8326	23.2229	2.0994	1
cg25963540	RAB11B	0.00750598	0.0392699	0.589808	-1.69547	0.0121713	1.99699	1.99699	0.0123538	1.99274	1.99274	0.525069	1.15323	1.15323	0.0997774	0.670807	-1.49074	0.0101685	0.487982	-2.04926	0.0108841	0.49279	-2.02926	0.797422	0.944652	-1.05859	0.324745	0.798433	-1.25245	6.47239	5.02281	0.68981	1
cg23179640	RAB11B	0.01253	0.142153	1.70208	1.70208	0.0258317	2.43981	2.43981	0.0954978	1.85381	1.85381	0.625493	1.18032	1.18032	0.000816479	0.182572	-5.47728	0.0807705	1.92067	1.92067	0.439638	1.30427	1.30427	0.743278	1.11713	1.11713	0.70816	1.13512	1.13512	5.49575	9.88722	1.59917	1
cg14745847	RAB11B	0.0144973	0.97875	0.996049	-1.00397	0.0350187	0.6941	-1.44072	0.011064	0.622726	-1.60584	0.701949	1.05882	1.05882	0.292719	1.17617	1.17617	0.0289625	1.4663	1.4663	0.00568581	1.71463	1.71463	0.200812	0.818038	-1.22244	0.403344	0.880628	-1.13555	5.23934	1.83359	0.311082	1
cg10404601	RAB11B	0.0155186	0.145493	0.834551	-1.19825	0.762521	0.96554	-1.03569	0.000733905	0.552272	-1.8107	0.376168	1.11081	1.11081	0.512232	0.925971	-1.07995	0.0428176	0.763556	-1.30966	0.0395144	1.31724	1.31724	0.602698	0.941042	-1.06265	0.256278	0.871867	-1.14696	5.12271	1.08633	0.188499	1
cg10176667	RAB11B	0.0238873	0.146074	0.69902	-1.43057	0.55381	1.14733	1.14733	0.0631982	1.61525	1.61525	0.0495308	0.59796	-1.67235	0.139309	0.694124	-1.44067	0.00239838	0.378815	-2.63981	0.776897	1.06736	1.06736	0.168363	1.40052	1.40052	0.345245	0.800056	-1.24991	4.4266	3.69172	0.74132	1
cg02020019	RAB11B	0.037506	0.206283	1.55612	1.55612	0.118705	1.75379	1.75379	0.00792012	0.32316	-3.09444	0.195659	1.5745	1.5745	0.0573691	0.490145	-2.04021	0.133334	1.71107	1.71107	0.341891	0.722645	-1.38381	0.249843	1.49019	1.49019	0.311165	1.41562	1.41562	3.77113	6.57149	1.54896	1
cg07686248	RAB11B	0.0411659	0.191415	1.15299	1.15299	0.051662	0.796712	-1.25603	0.937017	0.991899	-1.00817	0.184711	0.865198	-1.1558	0.256002	0.885111	-1.1298	0.00397196	1.4898	1.4898	0.629393	0.951183	-1.05132	0.347031	0.905141	-1.1048	0.265457	1.12687	1.12687	3.64429	0.611446	0.149139	1
cg08204044	RAB11B	0.0454796	0.126166	0.760462	-1.31499	0.246102	1.2223	1.2223	0.939167	1.01271	1.01271	0.00572648	0.549107	-1.82114	0.271161	0.827307	-1.20874	0.815001	1.03955	1.03955	0.176293	1.26859	1.26859	0.246533	0.818292	-1.22206	0.022058	0.63486	-1.57515	3.51155	1.52304	0.385532	1
cg16840978	RAB11FIP1;RAB11FIP1	0.00128713	0.988661	0.99672	-1.00329	0.380999	1.2309	1.2309	0.429767	0.829987	-1.20484	0.596019	0.883646	-1.13167	0.46457	0.841903	-1.18779	0.478626	1.18121	1.18121	1.27E-05	0.119816	-8.34616	0.58109	0.879104	-1.13752	0.383352	1.22958	1.22958	10.9502	9.27015	0.752509	1
cg24468105	RAB11FIP1;RAB11FIP1	0.00502429	0.0100514	0.700106	-1.42836	0.337369	1.11465	1.11465	0.0197863	1.36182	1.36182	0.0233173	0.742699	-1.34644	0.0343133	1.31121	1.31121	0.279969	1.13117	1.13117	0.0598028	0.792097	-1.26247	0.0223351	0.740496	-1.35045	0.00685371	0.680947	-1.46854	7.32775	1.39763	0.169538	1
cg06435639	RAB11FIP1;RAB11FIP1	0.0144165	0.937525	1.0114	1.0114	0.674851	0.940822	-1.0629	0.556276	1.08985	1.08985	0.485548	0.902613	-1.10789	0.0114858	1.57962	1.57962	0.837287	0.970706	-1.03018	0.0335803	0.698425	-1.43179	0.136971	0.793249	-1.26064	0.00157246	1.928	1.928	5.24899	1.73785	0.294296	1
cg09440788	RAB11FIP1;RAB11FIP1	0.0223367	0.429856	2.03607	2.03607	0.0159935	13.4941	13.4941	0.0660808	6.16675	6.16675	0.426778	2.04618	2.04618	0.04662	7.46655	7.46655	0.818037	0.816002	-1.22549	0.00141681	58.8753	58.8753	0.0156506	13.6597	13.6597	0.134904	4.14586	4.14586	4.53025	55.8585	10.9601	1
cg00920892	RAB11FIP1;RAB11FIP1;RAB11FIP1	3.15E-05	0.00910504	0.67614	-1.47898	1.38E-06	0.233484	-4.28296	1.78E-05	0.354942	-2.81736	0.00112456	0.567594	-1.76182	6.48E-05	0.420323	-2.37912	0.184476	0.846831	-1.18087	0.00363722	0.628337	-1.5915	0.484189	0.919461	-1.08759	0.180085	0.845239	-1.1831	30.0709	6.64346	0.196379	1
cg19626138	RAB11FIP1;RAB11FIP1;RAB11FIP1	0.00381474	0.0333188	0.643476	-1.55406	0.0245088	1.60785	1.60785	0.000366804	0.363688	-2.74961	0.0118655	0.573083	-1.74495	0.0404075	0.657309	-1.52135	0.37597	0.851255	-1.17474	0.390833	0.855695	-1.16864	0.818203	1.04165	1.04165	0.00755432	0.543807	-1.83889	7.96539	3.96323	0.442272	1
cg14774440	RAB11FIP1;RAB11FIP1;RAB11FIP1;RAB11FIP1	0.00931706	0.58389	0.819486	-1.22028	0.467335	0.766295	-1.30498	0.00505939	0.263405	-3.79644	0.00220661	0.213471	-4.68447	0.0146769	0.339171	-2.94837	0.0969151	0.519021	-1.9267	0.0220519	0.372229	-2.68652	0.123118	1.82428	1.82428	0.0165754	0.348785	-2.86709	6.0455	12.4033	1.8237	1
cg02291245	RAB11FIP2	0.00262878	0.406275	0.820669	-1.21852	0.34736	1.25243	1.25243	0.920575	1.02347	1.02347	0.0473151	1.69536	1.69536	0.097562	0.655153	-1.52636	0.0192154	0.517399	-1.93274	0.98429	0.99543	-1.00459	0.000109137	4.88128	4.88128	0.0367182	1.75865	1.75865	8.89934	7.62699	0.761803	1
cg25948328	RAB11FIP2	0.0200401	0.677055	0.937949	-1.06616	0.0138439	0.62801	-1.59233	0.875931	0.976387	-1.02418	0.286671	0.844325	-1.18438	0.0102103	0.609373	-1.64103	0.403401	0.877414	-1.13971	0.00903253	1.66129	1.66129	0.0470064	0.706308	-1.41581	0.495055	1.11178	1.11178	4.70136	1.74175	0.329315	1
cg02296627	RAB11FIP3	0.00169344	0.632585	1.10226	1.10226	0.0215086	1.74754	1.74754	0.0306057	1.67114	1.67114	0.219912	1.2979	1.2979	0.000107179	0.251265	-3.97987	0.0816998	1.47698	1.47698	0.881838	0.970381	-1.03052	0.00684525	2.02993	2.02993	0.978643	0.994603	-1.00543	10.1191	6.54866	0.575252	1
cg03319323	RAB11FIP3	0.0121715	0.646235	0.888408	-1.12561	0.495662	1.19378	1.19378	0.574177	0.864712	-1.15645	0.0605975	0.581784	-1.71885	0.00481521	0.383805	-2.60549	0.0331358	0.528507	-1.89212	0.00123127	0.29824	-3.353	0.0121405	0.449161	-2.22637	0.115786	0.645541	-1.54909	5.54788	5.75945	0.922787	1
cg09901902	RAB11FIP3;RAB11FIP3	4.81E-05	0.00803109	0.612207	-1.63344	0.000905447	2.04867	2.04867	0.0136912	1.55344	1.55344	0.15948	1.2426	1.2426	2.49E-06	0.192506	-5.19464	0.883939	1.02133	1.02133	0.00130894	0.508648	-1.96599	0.0540099	1.37163	1.37163	0.0383789	0.707049	-1.41433	26.8945	8.89119	0.293862	1
cg04273867	RAB11FIP3;RAB11FIP3	0.000212079	0.00156583	0.282213	-3.54343	0.00108066	0.26088	-3.83318	0.0038122	0.337454	-2.96336	0.806727	1.07063	1.07063	0.000731437	0.239464	-4.17599	0.022457	0.467055	-2.14107	8.24E-06	0.0665737	-15.0209	0.639996	0.877081	-1.14015	0.00176864	0.289432	-3.45505	18.0812	22.2001	1.09138	1
cg10347859	RAB11FIP3;RAB11FIP3	0.000269224	0.000555216	0.396306	-2.5233	0.0108138	1.73847	1.73847	0.000796093	0.416805	-2.3992	6.18E-05	0.279126	-3.58262	0.00663941	0.544119	-1.83783	0.850328	0.967893	-1.03317	0.00172622	0.461921	-2.16487	0.100514	1.36451	1.36451	0.249555	0.812298	-1.23107	16.9441	8.00855	0.420129	1
cg08591538	RAB11FIP3;RAB11FIP3	0.000761827	0.00366755	2.64827	2.64827	0.00114269	3.27294	3.27294	0.00939968	2.26203	2.26203	0.000131946	5.17673	5.17673	0.0751658	0.611887	-1.63429	0.00570883	2.456	2.456	0.931609	0.978946	-1.02151	0.00115305	3.26731	3.26731	0.0656272	1.66892	1.66892	12.7056	12.3667	0.865178	1
cg10011963	RAB11FIP3;RAB11FIP3	0.00188355	0.093231	0.765694	-1.306	4.61E-05	3.0426	3.0426	0.0791816	0.754439	-1.32549	0.765534	0.957681	-1.04419	0.300713	0.856377	-1.16771	0.17687	1.23065	1.23065	0.0482124	1.386	1.386	0.922734	1.01413	1.01413	0.272308	0.847719	-1.17964	9.81169	3.24841	0.294289	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05947422	RAB11FIP3;RAB11FIP3	0.00377688	0.436636	0.920595	-1.08625	0.446714	0.922324	-1.08422	0.0268519	1.31439	1.31439	0.00968849	0.710902	-1.40666	0.775672	0.970652	-1.03024
cg16352485	RAB11FIP3;RAB11FIP3	0.00526232	0.00112654	0.506709	-1.97352	0.356597	1.14392	1.14392	0.00182942	0.533695	-1.87373	0.473024	0.901677	-1.10904	0.278734	0.852389	-1.17317
cg00851125	RAB11FIP3;RAB11FIP3	0.00557382	0.188968	0.730327	-1.36925	0.6298	1.11591	1.11591	0.401848	1.2138	1.2138	0.0156529	0.512175	-1.95246	0.00035877	0.274466	-3.64344
cg26736850	RAB11FIP3;RAB11FIP3	0.0192735	0.936752	0.99046	-1.00963	0.445829	1.09841	1.09841	0.0113172	1.4668	1.4668	0.152729	1.2032	1.2032	0.0873289	0.796131	-1.25607
cg03496912	RAB11FIP3;RAB11FIP3	0.0203249	0.029956	0.512795	-1.9501	0.14063	0.660656	-1.51365	0.511999	1.18998	1.18998	0.517188	1.18737	1.18737	0.000691213	0.258073	-3.87488
cg27182529	RAB11FIP3;RAB11FIP3	0.0264473	0.269154	0.806637	-1.23971	0.0275331	0.614666	-1.6269	0.770059	0.946742	-1.05625	0.476953	0.873691	-1.14457	0.00495463	0.499192	-2.00324
cg08201238	RAB11FIP3;RAB11FIP3	0.0330856	0.389797	1.09419	1.09419	0.177118	1.15781	1.15781	0.00220323	1.55017	1.55017	0.203639	0.871924	-1.14689	0.145617	0.852489	-1.17304
cg03644750	RAB11FIP3;RAB11FIP3	0.034088	0.961746	0.988238	-1.0119	0.406138	1.23325	1.23325	0.143293	1.47405	1.47405	0.21204	1.38306	1.38306	0.0170013	0.487746	-2.05025
cg00087568	RAB11FIP3;RAB11FIP3	0.0443991	0.932549	1.01825	1.01825	0.0501544	1.61138	1.61138	0.00299713	0.419098	-2.38608	0.873751	1.03456	1.03456	0.0440233	0.609946	-1.63949
cg21576151	RAB11FIP3;RAB11FIP3	0.0447612	0.819571	1.01324	1.01324	0.59423	0.969528	-1.03143	0.771242	0.983361	-1.01692	0.932448	0.995133	-1.00489	0.214303	0.927515	-1.07815
cg18100007	RAB11FIP4	3.94E-06	0.589813	0.930083	-1.07517	0.852454	1.02511	1.02511	0.000503253	2.06342	2.06342	0.34686	1.13769	1.13769	0.978489	0.996416	-1.0036
cg02880444	RAB11FIP4	0.00081743	0.00494611	0.353573	-2.82827	0.192422	0.680199	-1.47016	0.0181096	0.448551	-2.2294	0.0534768	0.54191	-1.84533	0.000197389	0.174221	-5.73984
cg22248382	RAB11FIP4	0.00119442	0.000766828	3.40828	3.40828	0.00452663	2.4353	2.4353	0.123843	0.684643	-1.46061	0.007844	2.2203	2.2203	0.0109186	0.475152	-2.10459
cg07146073	RAB11FIP4	0.00150029	0.697254	1.16101	1.16101	0.00182527	5.42766	5.42766	0.0754873	2.12894	2.12894	0.646283	0.838235	-1.19298	0.000219876	0.0952371	-10.5001
cg05892419	RAB11FIP4	0.00483767	0.473067	1.24192	1.24192	0.0011216	4.15483	4.15483	0.0475251	1.95998	1.95998	0.057804	1.89049	1.89049	0.0490272	0.513143	-1.94877
cg03253303	RAB11FIP4	0.00494812	0.00157204	0.269022	-3.71717	0.45149	0.80106	-1.24835	0.0369811	0.496358	-2.01467	0.236214	0.698445	-1.43175	0.00210833	0.286439	-3.49114
cg03419051	RAB11FIP4	0.012157	0.00347694	0.378721	-2.64047	0.095598	0.638773	-1.5655	0.0358575	0.550036	-1.81806	0.0438718	0.567182	-1.7631	0.000693764	0.281605	-3.55108
cg15331096	RAB11FIP4	0.01303	0.226982	0.713614	-1.40132	0.00838921	0.408293	-2.44922	0.0471424	0.546476	-1.82991	0.296985	0.750041	-1.33326	0.00410512	0.359089	-2.78482
cg26624105	RAB11FIP4	0.0133727	0.144327	0.755676	-1.32332	0.924447	0.983381	-1.0169	0.760298	0.94735	-1.05558	0.229121	1.25185	1.25185	0.00144021	2.37513	2.37513
cg07202532	RAB11FIP4	0.0165868	0.100015	1.40841	1.40841	0.132979	0.735458	-1.3597	0.00327494	2.20323	2.20323	0.00441705	0.474188	-2.10887	0.817959	1.04415	1.04415
cg00447970	RAB11FIP4	0.0221395	0.374764	0.766148	-1.30523	0.00173881	3.69039	3.69039	0.0825105	1.75476	1.75476	0.821987	0.936232	-1.06811	0.0464098	0.513214	-1.9485
cg12243452	RAB11FIP4	0.0284894	0.055383	0.720678	-1.38758	0.337419	0.861416	-1.16088	0.00793805	1.67107	1.67107	0.0565337	1.38491	1.38491	0.559885	0.914911	-1.093
cg00070908	RAB11FIP4	0.0311978	0.244172	0.811653	-1.23205	0.332879	1.18659	1.18659	0.304674	0.833553	-1.19968	0.35392	1.17745	1.17745	0.751687	1.05587	1.05587
cg25445634	RAB11FIP5	0.0264051	0.733329	0.918812	-1.08836	0.638507	1.1243	1.1243	0.219293	0.726253	-1.37693	0.00186298	0.3352	-2.9833	0.045975	0.567622	-1.76174
cg10553983	RAB11FIP5	0.0314943	0.0118318	0.313288	-3.19195	0.130129	0.546754	-1.82898	0.268877	0.653605	-1.52998	0.31716	0.682582	-1.46503	0.00165122	0.189512	-5.2767
cg07011231	RAB11FIP5	0.0423303	0.156005	0.537369	-1.86092	0.589912	1.24939	1.24939	0.0634593	0.425709	-2.34903	0.0567448	0.413767	-2.41682	0.00121516	0.14401	-6.94398
cg02737068	RAB11FIP5;RAB11FIP5	0.00748046	0.0463167	1.80905	1.80905	0.00943233	0.42548	-2.35029	0.665179	1.11972	1.11972	0.339103	1.29162	1.29162	0.0995473	1.59812	1.59812
cg12615761	RAB12	4.61E-06	0.97953	0.993367	-1.00668	0.000130143	5.60604	5.60604	0.000775471	3.74165	3.74165	3.69E-05	7.83568	7.83568	0.163759	1.47033	1.47033
cg02938682	RAB12	1.47E-05	0.310635	0.815538	-1.22619	7.31E-06	6.83461	6.83461	0.000146652	3.55954	3.55954	1.24E-05	5.98807	5.98807	0.0811955	0.686766	-1.4561
ch.18.189111R	RAB12	0.00203656	0.0312099	0.306035	-3.2676	0.565885	0.761996	-1.31234	0.107671	0.439442	-2.27561	7.99E-05	0.0355468	-28.1319	0.000294823	0.0631945	-15.8242
ch.18.189560F	RAB12	0.0111042	0.00203954	0.149919	-6.67025	0.110459	0.468063	-2.13646	0.0511304	0.379301	-2.63643	0.0105772	0.245754	-4.06911	0.0127909	0.259317	-3.85628
cg09116658	RAB13	0.0129002	0.238217	0.726069	-1.37728	0.768262	0.926297	-1.07957	0.0710298	1.68635	1.68635	0.485795	0.832339	-1.20143	0.0392917	0.539065	-1.85507
cg16266126	RAB13	0.0152525	0.159712	0.594837	-1.68113	0.638485	0.849068	-1.17776	0.0436378	0.448431	-2.23	0.182939	1.63006	1.63006	0.0996884	0.535878	-1.86609
cg11429632	RAB14	0.0204514	0.081149	0.766683	-1.30432	0.587277	0.927461	-1.07821	0.529685	1.09142	1.09142	0.00295147	1.75211	1.75211	0.113473	0.789266	-1.267
cg12491765	RAB15	0.00107805	0.146386	0.854578	-1.17017	0.0530066	1.24811	1.24811	0.403795	1.08993	1.08993	0.127934	1.18044	1.18044	0.0523543	1.24908	1.24908
cg18671554	RAB15	0.0157274	0.964397	0.981679	-1.01866	0.00563931	4.50379	4.50379	0.00433096	4.85318	4.85318	0.0251613	3.01349	3.01349	0.849962	0.924548	-1.08161
cg14238081	RAB15	0.018964	0.962887	0.987245	-1.01292	0.0663276	1.76505	1.76505	0.0126209	2.35271	2.35271	0.0518122	0.543061	-1.84141	0.0943132	0.602042	-1.66102
cg06690633	RAB15	0.0204151	0.581883	1.0778	1.0778	0.0188908	1.46676	1.46676	0.010839	1.53886	1.53886	0.977234	1.00385	1.00385	0.208794	0.836531	-1.19541
cg14856684	RAB15	0.0481365	0.0383058	0.703523	-1.42142	0.0766172	0.749378	-1.33444	0.0160102	0.64925	-1.54024	0.212283	0.824929	-1.21223	0.38543	1.13923	1.13923
cg10534904	RAB15	0.0481824	0.0311697	0.667081	-1.49907	0.79965	0.960105	-1.04155	0.2237	1.22709	1.22709	0.751847	1.05209	1.05209	0.207214	1.23729	1.23729
cg12935818	RAB17	0.000108112	0.00128963	0.384873	-2.59826	0.0151615	1.83557	1.83557	0.50985	0.872752	-1.1458	0.129729	1.39547	1.39547	9.74E-05	0.244099	-4.0967
cg17778288	RAB17	0.00522825	0.121095	0.725194	-1.37894	0.144357	0.741006	-1.34952	0.000858626	0.38408	-2.60363	0.484332	0.87297	-1.14552	0.00436439	0.482922	-2.07073
cg13856643	RAB17	0.0069494	0.00303067	0.249487	-4.00823	0.187297	0.620277	-1.61218	0.0171555	0.370621	-2.69818	0.027344	0.409772	-2.44038	0.00100501	0.188545	-5.30376
cg04044224	RAB17	0.016688	0.0050526	0.208553	-4.79494	0.713001	0.855384	-1.16907	0.0928979	0.45764	-2.18513	0.894304	0.945347	-1.05781	0.0028949	0.177012	-5.64933
cg16266494	RAB17	0.0239509	0.0146969	0.293178	-3.4109	0.483926	1.33727	1.33727	0.0446705	0.389957	-2.56438	0.965884	0.982678	-1.01763	0.00189132	0.165466	-6.04354
cg26177629	RAB18	0.000315911	0.0266563	0.758977	-1.31756	0.960938	0.994871	-1.00516	0.239357	1.13811	1.13811	0.487264	1.07692	1.07692	0.0846583	0.818543	-1.22168
cg06898923	RAB18	0.00150304	0.387314	1.11692	1.11692	0.000540905	1.95675	1.95675	0.634699	1.06155	1.06155	0.958027	0.993454	-1.00659	0.743848	0.959909	-1.04177
cg06532823	RAB18	0.00518806	0.211818	0.793408	-1.26039	0.292804	1.2117	1.2117	0.0158325	0.594493	-1.6821	0.0519645	1.47556	1.47556	0.000442411	0.376818	-2.6538
cg05047465	RAB18	0.00773902	0.319886	0.831192	-1.20309	0.16511	0.766171	-1.30519	0.765613	1.05525	1.05525	0.787709	0.952608	-1.04975	0.849989	0.966514	-1.03465
cg02016328	RAB18	0.0176273	0.0303629	2.79894	2.79894	0.330556	0.666316	-1.50079	0.537975	0.777117	-1.28681	0.256011	1.61521	1.61521	0.00235592	0.179824	-5.561
cg23319797	RAB18	0.0199801	0.173889	0.626694	-1.59567	0.679924	1.1434	1.1434	0.26495	1.4554	1.4554	0.0567001	0.498214	-2.00717	0.575144	0.832836	-1.20072
cg08364860	RAB18	0.0399319	0.00321775	0.230262	-4.34288	0.679596	1.16381	1.16381	0.144767	0.564337	-1.77199	0.193424	0.60491	-1.65314	0.050822	0.443656	-2.254
cg16612471	RAB18;RAB18	0.00931603	0.0211815	0.625398	-1.59898	0.444852	1.14102	1.14102	0.545766	0.901625	-1.10911	0.965783	1.00729	1.00729	0.144539	0.766853	-1.30403
cg24838661	RAB19	1.93E-05	0.0790114	0.814725	-1.22741	0.0279682	1.31365	1.31365	0.135155	0.844331	-1.18437	0.0138874	0.726619	-1.37624	5.25E-07	0.230463	-4.33909
cg16608772	RAB19	0.00478626	0.005491	0.39066	-2.55977	0.405611	1.2449	1.2449	0.0211721	0.489929	-2.04111	0.000836715	0.274164	-3.64745	0.00304403	0.351639	-2.84383
cg11846466	RAB19	0.0213755	0.15602	0.657099	-1.52184	0.857096	0.95135	-1.05114	0.196509	0.685333	-1.45914	0.752959	0.916345	-1.09129	0.0599937	0.555938	-1.79876
cg06390041	RAB19	0.0303577	0.964443	1.00983	1.00983	0.400584	0.827961	-1.20779	0.344786	0.807745	-1.23802	0.00575968	2.21213	2.21213	0.142246	0.70741	-1.41361
cg15244874	RAB19	0.0308824	0.128729	0.449601	-2.2242	0.195837	0.513747	-1.94648	0.0115834	0.215043	-4.65022	0.0211361	0.259266	-3.85705	0.0255404	0.274732	-3.63991
cg16106080	RAB19	0.0322193	0.225363	0.729797	-1.37024	0.337737	1.27696	1.27696	0.909225	0.972179	-1.02862	0.0158945	2.07626	2.07626	0.00339159	0.373288	-2.6789
cg22057675	RAB19	0.0359198	0.660185	0.870232	-1.14912	0.557365	1.20494	1.20494	0.0150374	0.391053	-2.5572	0.968287	0.987588	-1.01257	0.30303	1.39817	1.39817
cg14769556	RAB1A;RAB1A	0.000123338	0.277156	0.840838	-1.18929	8.74E-06	0.227463	-4.39633	7.68E-05	0.333249	-3.00076	0.0108345	1.63364	1.63364	0.0269177	1.49473	1.49473
cg19217535	RAB1A;RAB1A	0.00651378	0.00498814	0.277951	-3.59775	0.00342809	0.254171	-3.93437	0.131197	0.570386	-1.7532	0.145124	0.583302	-1.71438	0.00270701	0.239934	-4.16781
cg09154256	RAB1A;RAB1A	0.0113591	0.407475	1.23306	1.23306	0.000968721	3.36769	3.36769	0.0344152	1.84043	1.84043	0.260166	1.33695	1.33695	0.0826084	0.621694	-1.60851
cg23518699	RAB1A;RAB1A	0.0145016	0.542623	0.911664	-1.0969	0.530804	1.09996	1.09996	0.0388039	1.43194	1.43194	0.871509	1.02459	1.02459	0.130584	0.782704	-1.27762
cg10948340	RAB1A;RAB1A;RAB1A;RAB1A	0.047769	0.537161	0.87652	-1.14087	0.0866916	1.49047	1.49047	0.108047	0.69086	-1.44747	0.266292	0.783253	-1.27673	0.178106	0.739489	-1.35228
cg19731302	RAB1B	0.000426189	0.00284837	0.523221	-1.91124	0.487497	0.894708	-1.11768	0.250258	0.827374	-1.20864	0.121838	0.767584	-1.30279	0.991322	0.998286	-1.00172
cg04609045	RAB1B	0.000734774	0.199346	0.850552	-1.17571	0.000168661	2.14702	2.14702	0.000189049	2.12014	2.12014	0.76616	0.965025	-1.03624	0.674301	0.950797	-1.05175
cg09863384	RAB1B	0.00120883	0.320598	0.919771	-1.08723	0.00202966	0.701447	-1.42562	0.0162253	0.786951	-1.27073	0.0586121	1.19017	1.19017	0.131048	1.14209	1.14209
cg19559621	RAB1B	0.0021423	0.64892	1.13106	1.13106	?	?	?	0.278371	1.35575	1.35575	0.528428	1.18741	1.18741	4.40E-05	0.0982505	-10.1781
cg24484540	RAB1B	0.0034652	0.231661	1.25261	1.25261	0.408442	0.859162	-1.16393	0.689063	0.930334	-1.07488	0.104499	1.37519	1.37519	0.000289707	0.345988	-2.89027
cg16950941	RAB1B	0.00371424	0.0690882	1.69568	1.69568	0.080608	0.60466	-1.65382	0.449015	1.22177	1.22177	0.876284	1.04128	1.04128	0.389319	0.795297	-1.25739
cg18736831	RAB1B	0.00436918	0.250749	1.21658	1.21658	0.653969	0.928943	-1.07649	0.00300592	0.51446	-1.94379	0.523681	0.89981	-1.11135	0.000439758	0.403734	-2.47688
cg02898883	RAB1B	0.00529712	0.0796503	1.26968	1.26968	0.0199672	1.41159	1.41159	0.928621	1.01106	1.01106	0.87081	1.02018	1.02018	0.000232575	2.11616	2.11616
cg27239754	RAB1B	0.00756974	0.028372	0.507272	-1.97133	0.0779396	1.67158	1.67158	0.171129	1.46552	1.46552	0.256229	0.732831	-1.36457	0.000711352	0.258632	-3.8665
cg17342184	RAB1B	0.0163533	0.635844	0.897765	-1.11388	0.811403	1.05553	1.05553	0.000401674	3.57044	3.57044	0.0845425	0.649614	-1.53938	0.944809	0.984469	-1.01578
cg01447322	RAB1B	0.0165616	0.0360099	1.18977	1.18977	0.011003	1.25515	1.25515	0.130526	0.890179	-1.12337	0.00601792	1.29134	1.29134	0.391051	0.939311	-1.06461
cg15165399	RAB1B	0.0245322	0.0869865	0.684484	-1.46095	0.610962	0.90222	-1.10838	0.0971476	1.44074	1.44074	0.0290227	0.596805	-1.67559	0.613817	0.902975	-1.10745
cg26842315	RAB1B	0.0357746	0.666125	0.957418	-1.04448	0.0255478	1.3047	1.3047	0.51272	0.935616	-1.06881	0.701846	1.03931	1.03931	0.146424	1.16914	1.16914
cg02410860	RAB1B	0.040279	0.0172885	0.53703	-1.86209	0.520831	0.86976	-1.14974	0.0183205	0.541285	-1.84746	0.176249	0.734718	-1.36107	0.223691	0.760267	-1.31533
cg02351179	RAB1B	0.0428467	0.287856	0.825645	-1.21117	0.458112	0.87706	-1.14017	0.11215	1.3503	1.3503	0.66383	0.926883	-1.07889	0.680397	1.07456	1.07456
cg21558323	RAB1B	0.0491974	0.0730364	0.198781	-5.03065	0.359199	0.466838	-2.14207	0.653315	0.69397	-1.44098	0.538289	1.65447	1.65447	0.508695	1.71896	1.71896
cg02520768	RAB1B	0.049409	0.435012	0.799587	-1.25065	0.0178145	0.445346	-2.24545	0.00158629	0.279945	-3.57212	0.516036	0.831171	-1.20312	0.640854	0.876401	-1.14103
cg24624624	RAB1B;RAB1B	0.000429045	0.0823486	1.20841	1.20841	0.00241983	0.660012	-1.51513	0.0108307	0.729929	-1.37	0.62388	1.04982	1.04982	0.000162748	0.531024	-1.88316
cg20371891	RAB20	0.00110605	0.0209431	0.635315	-1.57402	0.0236931	0.643424	-1.55418	0.442557	0.879993	-1.13637	0.000247632	2.68577	2.68577	0.00280321	1.95898	1.95898
cg16728323	RAB20	0.00415877	0.00688233	0.275552	-3.62908	0.000148671	0.0905715	-11.041	0.0518661	0.442635	-2.2592	0.114109	0.530898	-1.8836	0.149953	0.566318	-1.76579
cg12386015	RAB20	0.0101349	0.292606	0.769396	-1.29972	0.00717529	0.434572	-2.30112	0.0254351	0.528501	-1.89215	0.384115	1.23895	1.23895	0.0176138	2.00043	2.00043
cg05045294	RAB20	0.0154565	0.644207	0.904015	-1.10618	0.739233	0.930078	-1.07518	0.158853	1.38648	1.38648	0.802474	0.947066	-1.05589	0.00260528	0.404555	-2.47185
cg00473245	RAB20	0.0197806	0.899211	1.03701	1.03701	0.595917	1.16589	1.16589	0.111343	1.64444	1.64444	0.332252	0.750607	-1.33226	0.000652223	0.223391	-4.47645
cg26468118	RAB20	0.0203864	0.864878	1.03011	1.03011	0.262038	1.2259	1.2259	0.712113	1.06668	1.06668	0.537472	0.896966	-1.11487	0.00492192	1.9132	1.9132
cg10999000	RAB20	0.0214768	0.452223	1.19717	1.19717	0.0162522	1.99496	1.99496	0.0776103	0.630709	-1.58552	0.572589	0.874609	-1.14337	0.0339607	0.558951	-1.78907
cg11341142	RAB21	2.77E-05	6.72E-06	0.079396	-12.5951	0.00212535	0.33493	-2.9857	0.231958	0.727909	-1.3738	0.000325019	0.229444	-4.35837	6.86E-06	0.0799477	-12.5082
cg05932702	RAB21	0.00111184	0.0209724	0.246109	-4.06323	0.010705	0.198051	-5.0492	0.0689509	0.357945	-2.79373	0.193853	2.00156	2.00156	0.000537311	0.065993	-15.1531
cg10168894	RAB21	0.0101507	0.0115666	0.263649	-3.79293	0.0365739	0.358549	-2.78902	0.0746279	0.432365	-2.31286	0.320784	0.648482	-1.54206	0.00546437	0.213773	-4.67786
cg16051361	RAB21	0.0328079	0.237478	0.657134	-1.52176	0.0474144	2.15866	2.15866	0.159941	1.66432	1.66432	0.330375	1.40603	1.40603	0.00455324	0.277474	-3.60394
cg23943801	RAB21	0.034941	0.0239058	1.38497	1.38497	0.0388349	1.33518	1.33518	0.50778	1.08459	1.08459	0.312221	1.13466	1.13466	0.0280453	1.36832	1.36832
cg22813821	RAB21;RAB21	0.00947479	0.0216392	0.310641	-3.21915	0.942065	1.03129	1.03129	0.534614	0.765964	-1.30554	0.0105906	0.255915	-3.90755	0.323635	0.64909	-1.54062
cg09585269	RAB22A	0.00352257	0.00689782	0.384251	-2.60247	0.0796767	0.587473	-1.70221	0.000368376	0.210216	-4.75702	0.861711	0.953436	-1.04884	0.00185651	0.2988	-3.34672
cg14847628	RAB22A	0.0193475	0.012324	0.434989	-2.29891	0.00318851	0.341093	-2.93175	0.0063999	0.38768	-2.57945	0.799782	0.934368	-1.07024	0.0484622	0.547615	-1.8261
cg26029902	RAB22A;PPP4R1L	0.00315935	0.104839	1.37201	1.37201	0.00944175	1.7986	1.7986	6.79E-05	3.6724	3.6724	0.518195	1.12399	1.12399	0.442816	0.869685	-1.14984
cg10927178	RAB22A;PPP4R1L	0.0363655	0.516	1.5864	1.5864	0.528671	1.56401	1.56401	0.0135521	8.50635	8.50635	0.975112	1.0221	1.0221	0.17461	0.363576	-2.75045
cg13254416	RAB23;RAB23	0.00538194	0.321072	0.757996	-1.31927	0.275339	1.35896	1.35896	0.0121266	2.32824	2.32824	0.000184092	0.181214	-5.51834	0.7958	1.07261	1.07261
cg11240439	RAB23;RAB23	0.0236686	0.894394	0.986017	-1.01418	0.568471	1.06302	1.06302	0.271146	0.885617	-1.12916	0.0635323	1.24757	1.24757	0.813155	1.02542	1.02542
cg09475796	RAB23;RAB23	0.0259007	0.204442	0.702875	-1.42273	0.0969224	0.618953	-1.61563	0.104862	0.627107	-1.59462	0.0698895	0.586463	-1.70514	0.000942108	0.27287	-3.66475
cg11593253	RAB23;RAB23	0.0370717	0.195463	0.655037	-1.52663	0.258595	1.43938	1.43938	0.905522	1.03737	1.03737	0.746056	0.904472	-1.10562	0.193147	0.653431	-1.53038
cg18606378	RAB23;RAB23	0.0475794	0.111253	0.584046	-1.71219	0.236801	0.68098	-1.46847	0.711121	0.891087	-1.12223	0.0559191	1.95676	1.95676	0.57867	0.84039	-1.18992
cg08105748	RAB23;RAB23;RAB23	0.0142177	0.000618091	0.0593732	-16.8426	0.39058	1.60226	1.60226	0.857996	1.10073	1.10073	0.911375	0.942081	-1.06148	0.0108797	0.180274	-5.5471
cg04489434	RAB23;RAB23;RAB23	0.0294411	0.278299	0.934792	-1.06976	0.718388	1.0219	1.0219	0.482774	0.95823	-1.04359	0.501443	0.960011	-1.04166	0.359938	0.945256	-1.05791
cg07880061	RAB24;RAB24;PRELID1	0.00326936	4.51E-05	0.02913	-34.3289	0.435455	0.694571	-1.43974	0.691421	1.2005	1.2005	0.649264	0.810811	-1.23333	0.0789726	0.409242	-2.44354
cg01585985	RAB24;RAB24;PRELID1	0.00417234	0.100477	0.823725	-1.214	0.938969	0.991896	-1.00817	0.169374	1.17009	1.17009	0.250456	0.879445	-1.13708	0.377235	0.907872	-1.10148
cg15896939	RAB25	0.0273996	0.0592797	1.78873	1.78873	0.181436	1.47318	1.47318	0.641364	0.879757	-1.13668	0.0349279	1.95671	1.95671	0.636351	1.1389	1.1389
cg19580810	RAB25;RAB25	0.0313563	0.208082	0.659045	-1.51735	0.0188318	0.409058	-2.44464	0.0235578	0.427618	-2.33854	0.144216	1.63691	1.63691	0.0228757	0.425143	-2.35215
cg08813207	RAB26;RAB26	0.0200817	0.752503	1.04443	1.04443	0.000494196	2.11588	2.11588	0.129169	1.2527	1.2527	0.636236	1.06766	1.06766	0.856013	0.975351	-1.02527
cg26112564	RAB26;RAB26	0.0453014	0.444443	0.909304	-1.09974	0.000820812	1.84937	1.84937	0.970885	0.995559	-1.00446	0.921176	0.988002	-1.01214	0.474502	1.09275	1.09275
cg06032813	RAB27A	0.00159089	0.623749	1.08319	1.08319	0.000638868	2.33356	2.33356	0.541198	0.904863	-1.10514	0.92679	1.01496	1.01496	0.00561273	1.7998	1.7998
cg00662232	RAB27A	0.00660263	0.123282	0.782842	-1.2774	0.000498262	2.22299	2.22299	0.206226	1.21594	1.21594	0.195363	0.818048	-1.22242	0.0650313	0.738001	-1.35501
cg27561350	RAB27A	0.011185	0.287321	1.49604	1.49604	0.00387648	4.13022	4.13022	0.0599888	2.16773	2.16773	0.39989	1.36917	1.36917	0.0052521	0.261277	-3.82736
cg18180935	RAB27A	0.0401713	0.0492147	1.25376	1.25376	0.156744	0.858489	-1.16484	0.575028	0.944534	-1.05872	0.235746	1.13334	1.13334	0.0407593	1.26863	1.26863
cg02712036	RAB27A	0.0441237	0.057064	0.226609	-4.41289	0.0789261	0.260483	-3.83903	0.0318242	0.176435	-5.66781	0.123059	0.316023	-3.16433	0.00362288	0.0662226	-15.1006
cg19970425	RAB27A;RAB27A	0.0113726	0.0154386	1.52563	1.52563	0.788742	1.03891	1.03891	0.244232	1.18906	1.18906	0.144608	1.24948	1.24948	0.75386	1.04572	1.04572
cg05982017	RAB27A;RAB27A	0.0187728	0.0209399	0.346757	-2.88387	0.553602	0.795781	-1.25663	0.0823464	0.480177	-2.08256	0.0911748	0.492014	-2.03246	0.000399287	0.116749	-8.56538
cg24580153	RAB27A;RAB27A;RAB27A	0.00292586	0.0353857	0.645599	-1.54895	0.082208	0.708993	-1.41045	0.00383843	0.498566	-2.00575	0.112207	0.734256	-1.36192	0.00413719	0.50322	-1.9872
cg24687805	RAB27A;RAB27A;RAB27A;RAB27A	0.000711756	0.0365977	0.604866	-1.65326	0.00660627	0.481966	-2.07484	0.00018669	0.271051	-3.68934	0.00166347	0.394114	-2.53734	0.000550933	0.329458	-3.03529
cg03050022	RAB27A;RAB27A;RAB27A;RAB27A	0.00106091	0.000498141	0.124767	-8.01496	0.00355825	0.22113	-4.52222	0.00110762	0.159375	-6.27449	0.00488319	0.240424	-4.15931	0.00122049	0.163984	-6.09816
cg20019217	RAB27A;RAB27A;RAB27A;RAB27A	0.0021874	0.258653	1.24725	1.24725	0.00565513	1.97523	1.97523	0.00210489	2.24968	2.24968	0.0533221	0.662645	-1.5091	0.375762	1.18579	1.18579
cg27357282	RAB27B	2.56E-06	0.183294	0.727753	-1.37409	0.866445	0.962823	-1.03861	0.268555	0.771533	-1.29612	0.409405	0.827043	-1.20913	0.775309	0.937616	-1.06653
cg14135988	RAB27B	2.99E-06	0.336479	0.819758	-1.21987	0.541277	1.13204	1.13204	0.0128283	0.538044	-1.85859	0.598822	0.899005	-1.11234	0.890923	0.972858	-1.0279
cg14744537	RAB27B	1.76E-05	0.130236	0.547408	-1.82679	0.341145	0.69653	-1.43569	0.766767	0.896136	-1.1159	0.657467	0.848293	-1.17884	0.292542	0.668576	-1.49572
cg12395929	RAB27B	2.30E-05	0.250829	0.694238	-1.44043	0.418707	0.777772	-1.28572	0.890738	1.04269	1.04269	0.454121	0.793011	-1.26102	0.238069	0.686685	-1.45627
cg09052983	RAB27B	0.000776193	0.939247	1.03626	1.03626	0.116309	0.450429	-2.2201	0.702011	0.835558	-1.1968	0.522093	0.738449	-1.35419	0.645264	1.24188	1.24188
cg16955166	RAB27B	0.00247983	0.435654	0.596833	-1.67551	0.0652613	0.261065	-3.83046	0.428099	0.591549	-1.69048	0.250401	0.458679	-2.18017	0.851976	0.88584	-1.12887
cg12377874	RAB27B	0.0040855	0.412722	0.640544	-1.56117	0.00526518	0.141275	-7.0784	0.018839	0.220174	-4.54185	0.800665	0.874094	-1.14404	0.37877	0.618599	-1.61656
cg06958567	RAB27B	0.00418251	0.801381	0.848288	-1.17885	0.0878161	0.292339	-3.42068	0.0933494	0.299758	-3.33603	0.967733	0.973941	-1.02676	0.607452	1.40246	1.40246
cg23529677	RAB27B	0.00645279	0.00289155	0.581433	-1.71989	0.00362022	1.68418	1.68418	0.189026	1.20227	1.20227	0.734269	0.955897	-1.04614	0.00969552	0.648425	-1.5422
cg03497549	RAB27B	0.0107047	0.65997	0.918726	-1.08846	0.0485942	0.649651	-1.53929	0.21241	0.77766	-1.28591	0.00143048	0.413561	-2.41802	0.00898478	0.529357	-1.88908
cg22105582	RAB27B	0.0191771	0.410777	0.880047	-1.1363	0.63549	0.930027	-1.07524	0.929644	0.986674	-1.01351	0.0633549	0.728183	-1.37328	0.948228	1.00991	1.00991
cg05095774	RAB27B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14611666	RAB28;RAB28;RAB28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22430006	RAB28;RAB28;RAB28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03720416	RAB28;RAB28;RAB28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02189283	RAB2A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05947422	0.76608	0.969373	-1.03159	0.00125365	1.63435	1.63435	0.0839903	0.819268	-1.2206	0.00283801	0.651524	-1.53486	7.98931	1.37538	0.153025	1
cg16352485	0.857851	0.974896	-1.02575	0.00729265	1.63347	1.63347	0.567585	0.921333	-1.08538	0.240466	0.840062	-1.19039	7.22476	2.30111	0.283114	1
cg00851125	0.0702277	0.633171	-1.57935	0.0467177	1.67235	1.67235	0.153613	1.41198	1.41198	0.62281	1.11846	1.11846	7.09843	5.73275	0.717874	1
cg26736850	0.194003	1.18055	1.18055	0.00903189	1.49312	1.49312	0.922328	0.98829	-1.01185	0.0179026	0.70641	-1.41561	4.76397	1.10074	0.205382	1
cg03496912	0.190723	0.696029	-1.43672	0.42517	1.23737	1.23737	0.3644	0.783676	-1.27604	0.176418	0.686693	-1.45625	4.67885	5.06859	0.962931	1
cg27182529	0.0388764	0.639851	-1.56286	0.00650968	0.516709	-1.93533	0.52219	0.885931	-1.12876	0.0125101	0.559836	-1.78624	4.27252	2.35923	0.490834	1
cg08201238	0.137435	0.849244	-1.17752	0.119561	1.1883	1.1883	0.815372	1.02418	1.02418	0.699841	1.04036	1.04036	3.94638	0.652106	0.146881	1
cg03644750	0.347254	0.787606	-1.26967	0.0041515	0.387554	-2.58028	0.46266	1.20254	1.20254	0.31221	0.772674	-1.29421	3.9042	3.76305	0.856754	1
cg00087568	0.600431	1.11953	1.11953	0.833799	1.04591	1.04591	0.85219	0.960935	-1.04065	0.70081	1.08598	1.08598	3.5433	2.56132	0.642545	1
cg21576151	0.131596	1.09821	1.09821	0.00150785	1.301	1.301	0.405055	0.952152	-1.05025	0.220839	1.07689	1.07689	3.53255	0.185321	0.0466319	1
cg18100007	0.675699	1.05763	1.05763	0.0924872	0.78147	-1.27964	3.44E-08	13.9785	13.9785	0.684662	1.05588	1.05588	51.6052	14.4955	0.249681	1
cg02880444	0.206453	0.689204	-1.45095	5.46E-05	0.122496	-8.16351	0.563283	1.1773	1.1773	0.0065908	0.373281	-2.67895	12.4563	15.3926	1.09843	1
cg22248382	0.00402215	2.48571	2.48571	0.824744	1.05107	1.05107	0.000786409	3.39043	3.39043	0.617342	0.892937	-1.1199	13.5498	10.5909	0.607937	1
cg07146073	0.577646	1.23962	1.23962	0.0108839	3.38993	3.38993	0.0386535	2.49561	2.49561	0.120024	0.525165	-1.90416	10.479	24.2007	2.05285	1
cg05892419	0.907654	1.03505	1.03505	0.107085	0.59318	-1.68583	0.00136564	3.97324	3.97324	0.353022	1.32807	1.32807	7.41284	10.3486	1.24092	1
cg03253303	0.0182611	0.436744	-2.28967	0.00109258	0.248331	-4.02689	0.357609	1.31463	1.31463	0.240222	0.700781	-1.42698	7.36199	9.74875	1.17707	1
cg03419051	0.217372	0.727797	-1.37401	0.0353587	0.548863	-1.82195	0.134167	0.673372	-1.48506	0.0510636	0.580422	-1.72288	5.55003	5.26866	0.843824	1
cg15331096	0.643912	0.88354	-1.13181	0.0133124	2.26095	2.26095	0.287677	1.34132	1.34132	0.981332	1.00624	1.00624	5.42606	6.08092	0.996167	1
cg26624105	0.509281	1.12585	1.12585	0.00301574	2.1309	2.1309	0.99041	0.997879	-1.00213	0.212337	0.791409	-1.26357	6.06424	2.93463	0.376385	1
cg07202532	0.911957	0.979492	-1.02094	0.282295	0.810145	-1.23435	0.383362	1.18306	1.18306	0.966789	0.99223	-1.00783	5.6124	3.05379	0.423201	1
cg00447970	0.426088	1.26825	1.26825	0.119653	1.63842	1.63842	0.293289	0.727041	-1.37544	0.180332	1.51588	1.51588	4.54407	6.15312	1.20364	1
cg12243452	0.0333259	1.45525	1.45525	0.781526	1.04283	1.04283	0.125139	0.7785	-1.28452	0.277739	1.18562	1.18562	4.16228	1.49992	0.32032	1
cg00070908	0.697088	1.06929	1.06929	0.000667689	2.43958	2.43958	0.268618	1.21816	1.21816	0.970151	1.00643	1.00643	4.03028	1.87238	0.412959	1
cg25445634	0.0334744	0.540562	-1.84993	0.134386	1.49135	1.49135	0.685185	0.904012	-1.10618	0.0847105	0.623697	-1.60334	4.2749	4.15065	0.863052	1
cg10553983	0.0426998	0.42249	-2.36692	0.546203	1.25299	1.25299	0.538294	0.79445	-1.25873	0.180392	0.591373	-1.69098	4.01669	8.67578	1.91994	1
cg07011231	0.465848	0.73809	-1.35485	0.214304	0.585667	-1.70745	0.556378	0.783914	-1.27565	0.281934	0.632819	-1.58023	3.60683	9.56559	2.3574	1
cg02737068	0.882948	1.039	1.039	0.000764149	0.266034	-3.75892	0.140277	1.50991	1.50991	0.5693	1.1611	1.1611	6.4793	6.92134	0.949531	1
cg12615761	3.23E-06	17.4422	17.4422	4.65E-07	39.697	39.697	2.33E-05	8.95883	8.95883	2.69E-05	8.58805	8.58805	49.5673	52.8244	0.947298	1
cg02938682	0.000548619	2.83863	2.83863	0.118053	1.39079	1.39079	0.000447768	2.9336	2.9336	6.53E-06	7.03791	7.03791	36.7005	21.9599	0.53187	1
ch.18.189111R	0.222203	0.548345	-1.82367	0.130549	0.465455	-2.14843	0.398355	0.666986	-1.49928	0.422455	0.681293	-1.4678	9.59112	33.3207	3.0881	1
ch.18.189560F	0.36752	0.667643	-1.49781	0.00178076	0.143523	-6.96751	0.0447845	0.365922	-2.73282	0.183068	0.53979	-1.85257	5.71512	17.2416	2.68164	1
cg09116658	0.00036375	0.227523	-4.39517	0.274832	0.744984	-1.34231	0.172222	0.686262	-1.45717	0.927619	1.02382	1.02382	5.44383	5.78865	0.945192	1
cg16266126	0.327383	1.41846	1.41846	0.000665567	0.165089	-6.05735	0.664885	1.16264	1.16264	0.0817636	0.513293	-1.94821	5.15216	9.75477	1.68297	1
cg11429632	0.758152	0.958451	-1.04335	0.490818	1.10094	1.10094	0.287241	1.16396	1.16396	0.00855985	1.58546	1.58546	4.66898	1.3961	0.265792	1
cg12491765	0.0569389	0.804807	-1.24253	3.58E-05	0.44781	-2.23309	0.311849	1.11122	1.11122	0.110197	1.19182	1.19182	11.5181	1.85341	0.143034	1
cg18671554	0.209104	1.73059	1.73059	0.00470175	4.74093	4.74093	0.942456	0.970538	-1.03036	0.0784153	2.24762	2.24762	5.10003	13.8613	2.4159	1
cg14238081	0.351396	1.30291	1.30291	0.0135542	0.430461	-2.32309	0.557141	0.8489	-1.178	0.0822047	1.70101	1.70101	4.79013	5.77449	1.07155	1
cg06690633	0.135773	0.805277	-1.24181	0.0754825	0.765998	-1.30549	0.0303492	0.709692	-1.40906	0.164108	1.22141	1.22141	4.67181	1.34279	0.255487	1
cg14856684	0.344038	0.866943	-1.15348	0.510782	1.10265	1.10265	0.178027	0.810866	-1.23325	0.00917488	0.615903	-1.62363	3.43728	1.16821	0.302102	1
cg10534904	0.00355146	1.88233	1.88233	0.575919	1.09469	1.09469	0.937177	0.98746	-1.0127	0.155254	1.27567	1.27567	3.43604	1.39463	0.360784	1
cg12935818	0.00471709	2.14757	2.14757	4.70E-05	0.20963	-4.77032	0.0122581	1.88733	1.88733	0.0247122	0.580187	-1.72358	21.6831	14.2328	0.583468	1
cg17778288	0.0679928	1.47805	1.47805	0.00267733	0.45226	-2.21112	0.25606	0.797216	-1.25436	0.0360616	0.627471	-1.5937	7.23914	4.18945	0.51442	1
cg13856643	0.0377681	0.438966	-2.27808	0.00332522	0.255134	-3.91951	0.100335	0.54054	-1.85	0.0186963	0.377599	-2.64831	6.6301	12.2622	1.64398	1
cg04044224	0.0736047	2.32406	2.32406	0.0516615	0.392026	-2.55085	0.482316	1.35246	1.35246	0.426573	0.709462	-1.40952	5.00034	14.1575	2.51671	1
cg16266494	0.762299	1.13194	1.13194	0.0229525	0.329075	-3.03882	0.473361	0.742348	-1.34708	0.290262	0.638645	-1.56582	4.42253	11.6909	2.34976	1
cg26177629	0.527817	0.935045	-1.06947	0.12069	0.838023	-1.19328	5.12E-06	2.96977	2.96977	0.114016	1.19783	1.19783	16.219	2.83167	0.155191	1
cg06898923	0.0803118	1.27392	1.27392	0.000162537	0.447951	-2.23239	0.742498	1.042	1.042	0.0636633	0.770913	-1.29716	10.4735	2.58308	0.219227	1
cg06532823	0.00993997	0.563889	-1.7734	0.106504	0.733368	-1.36357	0.506395	1.12594	1.12594	0.164592	0.77037	-1.29808	7.25625	3.55767	0.435813	1
cg05047465	0.00742379	0.537779	-1.8595	0.000652792	0.390645	-2.55987	0.0113379	1.76881	1.76881	0.552389	0.897513	-1.11419	6.41063	3.28526	0.45553	1
cg02016328	0.344932	1.48196	1.48196	0.0299745	2.80806	2.80806	0.146858	1.87684	1.87684	0.319081	1.51646	1.51646	4.90952	12.7144	2.30199	1
cg23319797	0.0283567	0.433462	-2.30701	0.0010417	0.208453	-4.79724	0.0355922	0.453768	-2.20377	0.727868	0.893296	-1.11945	4.70616	7.77676	1.46886	1
cg08364860	0.320074	1.45542	1.45542	0.476779	0.767778	-1.30246	0.111653	1.88299	1.88299	0.280165	0.663609	-1.50691	3.68545	7.78779	1.87833	1
cg16612471	0.46302	0.881149	-1.13488	0.000168586	0.338155	-2.95723	0.664368	1.07675	1.07675	0.373701	0.8567	-1.16727	6.04571	2.74698	0.403883	1
cg24838661	0.000333191	0.544291	-1.83725	0.000199293	0.518745	-1.92773	0.608215	1.05583	1.05583	0.000162926	0.508699	-1.9658	34.1702	5.97383	0.1554	1
cg16608772	0.0061719	0.398683	-2.50826	0.343761	0.777955	-1.28542	0.69298	1.10756	1.10756	0.203489	0.707822	-1.41279	7.437	7.80682	0.933091	1
cg11846466	0.000369952	0.206612	-4.83998	0.928929	1.02499	1.02499	0.70681	0.900727	-1.11021	0.0911629	0.597615	-1.67332	4.59908	5.57632	1.07776	1
cg06390041	0.503046	1.16082	1.16082	0.309145	1.25978	1.25978	0.132316	0.700214	-1.42813	0.0109685	2.01447	2.01447	4.06965	3.10297	0.677746	1
cg15244874	0.132077	0.45322	-2.20643	0.00293853	0.136859	-7.30677	0.0933498	0.407114	-2.45631	0.110428	0.428702	-2.33262	4.04491	15.187	3.33742	1
cg16106080	0.566667	1.15405	1.15405	0.420226	1.22595	1.22595	0.741944	0.921509	-1.08518	0.16611	0.693978	-1.44097	3.98412	3.8615	0.86153	1
cg22057675	0.0644122	0.520625	-1.92077	0.0285529	0.444106	-2.25171	0.0110156	0.367176	-2.72349	0.0444535	0.484273	-2.06495	3.83094	5.98833	1.38947	1
cg14769556	0.467732	0.892854	-1.12	0.955488	1.0086	1.0086	0.0431898	0.699941	-1.42869	0.0168963	0.639548	-1.5636	20.9303	7.79846	0.331193	1
cg19217535	0.0403473	0.442236	-2.26124	0.00268249	0.239396	-4.17717	0.00546994	0.284026	-3.52081	0.0392308	0.439587	-2.27486	6.76493	12.7169	1.67095	1
cg09154256	0.123646	1.5103	1.5103	0.608815	1.13612	1.13612	0.00482358	2.52058	2.52058	0.938735	0.981174	-1.01919	5.67341	5.49278	0.860589	1
cg23518699	0.00709378	0.59332	-1.68543	0.0227042	0.664128	-1.50573	0.419593	1.13174	1.13174	0.0101235	1.62714	1.62714	5.23882	1.86842	0.317021	1
cg10948340	0.974654	0.993322	-1.00672	0.00325027	0.428927	-2.3314	0.494272	0.863813	-1.15766	0.229139	1.30496	1.30496	3.44725	2.42874	0.626261	1
cg19731302	8.91E-06	0.218981	-4.56661	0.470855	1.12266	1.12266	0.0130556	1.62528	1.62528	0.566016	0.912556	-1.09582	14.9365	5.88497	0.350222	1
cg04609045	0.260399	1.15042	1.15042	0.0557759	0.772059	-1.29524	0.446824	1.09697	1.09697	0.00155346	1.72131	1.72131	12.8352	2.89658	0.200599	1
cg09863384	0.187366	1.12061	1.12061	0.00835792	1.31603	1.31603	0.00305131	0.718431	-1.39192	0.00106718	0.674312	-1.48299	11.1484	1.17253	0.0934882	1
cg19559621	0.352723	0.772752	-1.29408	0.803794	0.93535	-1.06912	0.852143	1.05137	1.05137	0.0814641	0.590526	-1.6934	11.4753	11.3936	0.868771	1
cg24484540	0.098062	0.721948	-1.38514	0.000927672	0.411562	-2.42977	0.60007	1.09964	1.09964	0.344342	0.839561	-1.1911	8.19828	4.18524	0.453779	1
cg16950941	8.90E-05	0.161743	-6.18265	0.0753984	1.67185	1.67185	0.923288	1.02532	1.02532	0.767532	0.925926	-1.08	8.02954	8.57185	0.948924	1
cg18736831	0.256812	1.2133	1.2133	0.0055484	0.551423	-1.81349	0.732848	0.945567	-1.05757	0.323805	1.18113	1.18113	7.6458	3.23149	0.375688	1
cg02898883	0.00276493	1.65979	1.65979	0.687648	0.951601	-1.05086	0.693104	0.95248	-1.04989	0.958312	0.993604	-1.00644	7.21019	1.72046	0.212102	1
cg27239754	0.132397	0.65318	-1.53097	0.0163253	0.462958	-2.16002	0.248061	1.37262	1.37262	0.266581	0.738153	-1.35473	6.45526	7.03336	0.968493	1
cg17342184	0.519581	1.15905	1.15905	0.145425	0.702253	-1.42399	0.782355	0.939308	-1.06461	0.945741	0.984729	-1.01551	5.03425	4.07588	0.719671	1
cg01447322	0.500324	0.952431	-1.04995	0.822753	0.984143	-1.01611	0.185198	0.904748	-1.10528	0.0874875	0.874246	-1.14384	5.01305	0.402962	0.0714513	1
cg15165399	0.201743	1.31046	1.31046	0.0031438	2.24716	2.24716	0.65177	0.912907	-1.0954	0.26493	1.26243	1.26243	4.38592	2.79441	0.56634	1
cg26842315	0.392695	0.915967	-1.09174	0.0106707	0.724869	-1.37956	0.753751	1.03205	1.03205	0.0185645	1.33128	1.33128	3.83657	0.61058	0.141464	1
cg02410860	0.5212	0.869871	-1.1496	0.00201979	0.393077	-2.54403	0.478569	0.856879	-1.16703	0.176986	0.735152	-1.36026	3.67372	2.67461	0.647146	1
cg02351179	0.523468	1.11881	1.11881	0.00124509	2.26821	2.26821	0.550807	0.900512	-1.11048	0.371485	1.17271	1.17271	3.59062	1.71429	0.424388	1
cg21558323	0.203626	0.338169	-2.9571	0.00231224	0.0320827	-31.1694	0.334449	2.23523	2.23523	0.348581	2.18094	2.18094	3.40902	35.2509	9.19155	1
cg02520768	0.156484	0.65336	-1.53055	0.559352	0.847234	-1.18031	0.864471	1.04914	1.04914	0.916665	1.02983	1.02983	3.40347	4.2504	1.11008	1
cg24624624	0.115166	1.18353	1.18353	0.00120505	1.59438	1.59438	0.00601511	1.42345	1.42345	0.166779	0.865013	-1.15605	14.909	2.28501	0.136235	1
cg20371891	0.0118636	1.67009	1.67009	0.0250696	0.647159	-1.54521	0.471601	0.887307	-1.12701	0.220223	1.23425	1.23425	11.4344	4.82806	0.375324	1
cg16728323	0.0369045	0.409469	-2.44219	0.00399606	0.240442	-4.15901	0.0601109	0.457835	-2.18419	0.861606	1.06639	1.06639	7.7608	16.6814	1.91062	1
cg12386015	0.55626	0.866852	-1.1536	0.00403157	2.528	2.528	0.921552	1.02393	1.02393	0.792424	1.06537	1.06537	5.88532	5.37326	0.811549	1
cg05045294	0.00378598	0.428424	-2.33413	0.0467814	0.610214	-1.63877	0.704137	1.08631	1.08631	0.179832	1.3622	1.3622	5.12952	3.82508	0.662843	1
cg00473245	0.718683	0.901456	-1.10932	0.0451047	0.517184	-1.93355	0.408502	1.27437	1.27437	0.924614	0.973222	-1.02752	4.72222	6.15158	1.15795	1
cg26468118	0.95521	0.990266	-1.00983	0.00107241	2.3198	2.3198	0.373545	0.852928	-1.17243	0.661444	1.07976	1.07976	4.67404	2.24512	0.426966	1
cg10999000	0.0812005	0.634914	-1.57502	0.260429	1.31762	1.31762	0.0439943	0.580495	-1.72267	0.0204798	0.518838	-1.92738	4.59165	4.01548	0.777349	1
cg11341142	0.000827264	0.279266	-3.58082	0.000138464	0.188527	-5.30427	0.526375	0.84991	-1.1766	4.12E-05	0.138025	-7.24506	31.1089	31.6185	0.90345	1
cg05932702	0.127546	0.435285	-2.29734	5.54E-05	0.022672	-44.1072	0.0165748	0.228263	-4.38091	0.0592826	0.341355	-2.9295	11.4174	46.076	3.58719	1
cg10168894	0.0125011	0.2693	-3.71333	0.00166641	0.149754	-6.67761	0.00756668	0.234426	-4.26574	0.0469578	0.382844	-2.61203	5.8824	16.6077	2.50959	1
cg16051361	0.615097	0.841974	-1.18769	0.491808	1.26729	1.26729	0.226191	1.53903	1.53903	0.0692661	1.99283	1.99283	3.95834	7.21623	1.62048	1
cg23943801	0.692349	1.04923	1.04923	0.48934	0.918629	-1.08858	0.303572	1.13743	1.13743	0.00239588	1.66744	1.66744	3.86949	0.894994	0.205595	1
cg22813821	0.694541	0.845927	-1.18213	0.357142	1.49406	1.49406	0.000382777	0.0903703	-11.0656	0.371283	1.4758	1.4758	6.01328	17.1177	2.53035	1
cg09585269	0.00736956	0.388912	-2.57127	0.707612	0.90209	-1.10854	0.0354724	0.511928	-1.9534	0.00724217	0.38768	-2.57945	8.1581	9.66341	1.0529	1
cg14847628	0.62684	1.13982	1.13982	0.242836	0.721471	-1.38606	0.691625	1.11237	1.11237	0.0702293	0.582411	-1.717	4.7578	5.37615	1.00442	1
cg26029902	0.49714	0.884256	-1.13089	0.980197	1.00444	1.00444	0.38489	0.853026	-1.1723	0.0933906	1.38998	1.38998	8.42748	4.24967	0.448234	1
cg10927178	0.20438	0.391233	-2.55602	0.0684025	4.17696	4.17696	0.0137935	0.118497	-8.43901	0.210594	2.52021	2.52021	3.81381	29.6555	6.91184	1
cg13254416	0.607991	0.869505	-1.15008	0.30874	1.32939	1.32939	0.649963	0.883841	-1.13143	0.321007	1.31932	1.31932	7.17517	8.30083	1.02834	1
cg11240439	0.316889	1.11595	1.11595	0.00212169	0.632578	-1.58083	0.0137599	0.724038	-1.38114	0.665324	0.954903	-1.04723	4.44071	0.790665	0.158266	1
cg09475796	0.314414	1.3151	1.3151	0.727843	0.912121	-1.09635	0.190144	0.693969	-1.44099	0.0462642	0.548175	-1.82424	4.30382	4.72511	0.975899	1
cg11593253	0.142747	0.614614	-1.62704	0.0666907	1.88758	1.88758	0.00308462	3.49556	3.49556	0.434008	0.7814	-1.27975	3.78719	5.72666	1.3441	1
cg18606378	0.0163941	0.402794	-2.48266	0.110887	0.583668	-1.7133	0.0585915	1.93925	1.93925	0.334217	1.36169	1.36169	3.45243	5.25403	1.35274	1
cg08105748	?	?	?	0.515791	0.702511	-1.42347	0.739734	1.1956	1.1956	0.17735	0.463818	-2.15602	5.37393	21.724	4.04248	1
cg04489434	0.360551	1.05783	1.05783	0.0123976	1.20464	1.20464	0.0685133	0.885168	-1.12973	0.00510611	1.24774	1.24774	4.11419	0.233131	0.050369	1
cg07880061	0.0194701	0.274264	-3.64612	0.682951	1.20695	1.20695	0.77327	0.876067	-1.14147	0.750016	1.15768	1.15768	8.34197	27.7188	2.95361	1
cg01585985	0.0012695	1.70222	1.70222	0.00396201	0.649116	-1.54056	0.00718273	0.680908	-1.46863	0.0474988	1.27893	1.27893	9.04325	1.58294	0.136143	1
cg15896939	0.0203844	2.14554	2.14554	0.00250768	3.14704	3.14704	0.0298739	2.00948	2.00948	0.0609272	1.78043	1.78043	4.21984	4.98447	1.04995	1
cg19580810	0.0242415	0.430039	-2.32537	0.104495	0.572649	-1.74627	0.465634	1.26271	1.26271	0.138452	0.605874	-1.65051	4.02299	6.28815	1.38938	1
cg08813207	0.269758	1.17107	1.17107	0.607639	0.93131	-1.07376	0.939573	0.989636	-1.01047	0.0181037	1.48352	1.48352	4.69805	1.40487	0.265807	1
cg26112564	0.357362	1.12237	1.12237	0.834713	1.02581	1.02581	0.984778	1.00233	1.00233	0.40106	0.900484	-1.11051	3.51672	0.828384	0.209383	1
cg06032813	0.160273	1.27438	1.27438	0.000465243	0.410769	-2.43446	0.0201467	1.57302	1.57302	0.88304	1.02408	1.02408	10.3034	4.26284	0.367761	1
cg00662232	0.831315	1.03178	1.03178	0.0400367	0.706097	-1.41624	0.129994	0.786748	-1.27106	0.140319	1.26193	1.26193	6.73653	2.29441	0.302749	1
cg27561350	0.0572363	2.19093	2.19093	0.056576	0.455229	-2.1967	0.827204	1.08297	1.08297	0.558263	1.24094	1.24094	5.70178	12.0052	1.87157	1
cg18180935	0.304655	0.898448	-1.11303	0.0103611	0.722323	-1.38442	0.29684	0.896767	-1.11512	0.374784	0.912316	-1.09611	3.67734	0.591026	0.142863	1
cg02712036	0.116668	0.308699	-3.2394	0.0264692	0.16297	-6.13608	0.31289	0.486871	-2.05393	0.0529443	0.219452	-4.55682	3.55154	26.7427	6.69322	1
cg19970425	0.42884	1.12165	1.12165	0.00386695	0.575132	-1.73873	0.0300803	1.43708	1.43708	0.0061198	1.66282	1.66282	5.67124	1.81465	0.284422	1
cg05982017	0.566344	0.80174	-1.24729	0.0889826	0.489155	-2.04434	0.162402	0.566331	-1.76575	0.353597	0.695003	-1.43884	4.80655	11.0625	2.04581	1
cg24580153	0.00355391	2.0251	2.0251	0.0220223	1.63325	1.63325	0.291063	1.21615	1.21615	0.598684	1.0995	1.0995	8.62193	4.35631	0.449119	1
cg24687805	0.00290774	0.428694	-2.33267	0.00127889	0.37828	-2.64355	0.916168	1.02203	1.02203	0.00111583	0.370177	-2.70141	12.9503	8.7872	0.603138	1
cg03050022	0.00403973	0.228726	-4.37203	0.000422945	0.118385	-8.44703	0.202985	0.598428	-1.67104	0.011974	0.301865	-3.31273	11.5707	26.7485	2.05489	1
cg20019217	0.000428891	0.351755	-2.84289	0.994346	0.998673	-1.00133	0.293019	1.22691	1.22691	0.247998	1.25409	1.25409	9.39305	5.22826	0.494764	1
cg27357282	8.87E-06	8.74747	8.74747	4.43E-08	74.9379	74.9379	0.135293	0.696033	-1.43671	0.645539	0.901003	-1.10987	57.629	46.2397	0.713217	1
cg14135988	2.45E-06	9.8922	9.8922	8.14E-08	35.1475	35.1475	0.758928	0.940134	-1.06368	0.523785	1.13834	1.13834	55.3997	35.2887	0.566209	1
cg14744537	4.57E-05	17.1286	17.1286	3.41E-07	231.65	231.65	0.387491	1.3862	1.3862	0.358732	0.706144	-1.41614	35.0047	75.3576	1.91359	1
cg12395929	6.99E-05	9.09853	9.09853	4.60E-07	75.3129	75.3129	0.20644	0.666772	-1.49976	0.349503	0.746085	-1.34033	32.6669	47.8606	1.30232	1
cg09052983	0.00441164	5.90664	5.90664	1.29E-05	72.3639	72.3639	0.922538	0.955565	-1.0465	0.784533	0.879782	-1.13665	12.639	43.7178	3.07462	1
cg16955166	0.00561673	10.5828	10.5828	9.07E-05	93.7692	93.7692	0.575642	0.692812	-1.44339	0.530093	0.661828	-1.51097	9.0536	60.3832	5.92847	1
cg12377874	0.0507868	3.2663	3.2663	0.000503891	18.0385	18.0385	0.189942	0.477875	-2.0926	0.868553	0.91567	-1.0921	7.80257	34.9606	3.9828	1
cg06958567	0.00597929	10.4385	10.4385	0.000170498	64.8215	64.8215	0.790854	0.840719	-1.18946	0.978863	1.01744	1.01744	7.74747	52.2811	5.99836	1
cg23529677	0.371039	1.1293	1.1293	0.151976	1.22529	1.22529	0.808424	1.03268	1.03268	0.0913545	0.781813	-1.27908	6.7847	1.88319	0.246723	1
cg03497549	0.0690708	0.677415	-1.4762	0.00774682	0.519533	-1.92481	0.398301	1.18007	1.18007	0.0130259	0.554411	-1.80372	5.78294	3.35743	0.516067	1
cg22105582	0.283499	0.844273	-1.18445	0.00098109	2.10554	2.10554	0.044326	0.862195	-1.15983	0.051154	1.40129	1.40129	4.77206	1.74431	0.324912	1
cg05095774	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14611666	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22430006	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03720416	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02189283	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12095167	RAB2A	0.0198288	0.0787917	0.604003	-1.65562	0.757352	0.923075	-1.08334	0.147017	1.49475	1.49475	0.033801	0.527222	-1.89674	0.378597	0.7919	-1.26279	0.851328	0.952694	-1.04965	0.00253123	0.33873	-2.9522	0.106934	1.5755	1.5755	0.02816	0.511933	-1.95338	4.71832	4.98516	0.939161	1
cg13296485	RAB2A	0.0222454	0.593074	0.876922	-1.14035	0.911068	0.973162	-1.02758	0.341724	1.26939	1.26939	0.0461295	1.74436	1.74436	0.188034	0.712015	-1.40447	0.0904168	0.634899	-1.57505	0.00122888	0.316329	-3.16126	0.276944	1.31696	1.31696	0.643414	0.892697	-1.1202	4.53664	4.25968	0.834623	1
cg01797162	RAB2A	0.0315413	0.69698	0.903259	-1.1071	0.444044	1.22493	1.22493	0.792066	0.933609	-1.07111	0.720506	0.910818	-1.09791	0.0167134	0.467885	-2.13728	0.716747	1.09937	1.09937	0.00110329	0.286329	-3.49249	0.594645	1.14986	1.14986	0.794458	1.07024	1.07024	4.01455	4.29833	0.951721	1
cg05478295	RAB2A	0.0451514	?	?	?	0.994522	1.00281	1.00281	0.00339385	0.18053	-5.53923	0.940158	0.969779	-1.03116	0.199082	0.571599	-1.74948	0.0287279	0.338772	-2.95184	0.0486954	0.390756	-2.55914	0.459861	0.734622	-1.36124	0.491469	1.33146	1.33146	3.88484	8.94349	2.01438	1
cg13091707	RAB2B;RAB2B;TOX4;RAB2B	0.0002248	?	?	?	0.000729598	0.345701	-2.89268	0.503691	1.12683	1.12683	?	?	?	0.000477651	3.1568	3.1568	?	?	?	0.00139838	2.55493	2.55493	0.000339168	0.29396	-3.40182	0.0414743	1.54358	1.54358	33.9237	10.4517	0.308096	1
cg02889664	RAB2B;RAB2B;TOX4;RAB2B	0.00401622	0.0109334	0.537062	-1.86198	0.781614	0.947351	-1.05558	0.0434856	1.57125	1.57125	0.0554297	1.52583	1.52583	0.00778535	0.514271	-1.9445	0.0114203	0.540027	-1.85176	0.0301269	1.64267	1.64267	0.0429334	1.57368	1.57368	0.0373836	1.60025	1.60025	7.84292	4.70512	0.533262	1
cg11080530	RAB2B;RAB2B;TOX4;RAB2B	0.0193943	0.207247	2.71904	2.71904	0.762451	1.25609	1.25609	0.436595	1.81648	1.81648	0.0856179	4.17452	4.17452	0.314914	2.18494	2.18494	0.918634	1.07988	1.07988	0.0870593	4.14178	4.14178	0.000852509	0.0230704	-43.3457	0.356282	2.04136	2.04136	4.7539	42.5895	7.96342	1
cg01495663	RAB2B;TOX4;RAB2B;RAB2B	0.000536356	7.05E-06	0.0526007	-19.0112	0.328811	0.741769	-1.34813	0.233913	0.690832	-1.44753	0.490362	1.23078	1.23078	0.0102267	0.383062	-2.61054	0.280251	1.39468	1.39468	0.0306214	0.471038	-2.12297	0.472217	1.242	1.242	0.560236	0.839816	-1.19074	14.0147	19.498	1.23667	1
cg00704289	RAB2B;TOX4;RAB2B;RAB2B	0.0453487	0.107523	1.25528	1.25528	0.24441	0.854168	-1.17073	0.0278726	1.39987	1.39987	0.995142	1.00079	1.00079	0.0374986	1.36676	1.36676	0.0618959	1.31277	1.31277	0.123411	1.24112	1.24112	0.0919714	0.786535	-1.2714	0.0753716	1.29209	1.29209	3.51535	0.932821	0.235873	1
cg20191858	RAB30	0.000277878	0.0121482	0.628521	-1.59104	0.994337	1.00106	1.00106	0.00176601	0.515961	-1.93813	0.0570214	0.726198	-1.37703	1.13E-05	0.250105	-3.99832	0.00110759	0.489608	-2.04245	0.214508	1.21427	1.21427	0.300258	1.1729	1.1729	0.00277335	0.541741	-1.8459	16.7983	5.87224	0.310732	1
cg03297569	RAB30	0.00755094	0.0862828	0.751527	-1.33062	0.0336537	1.45349	1.45349	0.00563351	0.578298	-1.72921	0.168236	1.24773	1.24773	0.22602	1.21121	1.21121	0.203748	1.22407	1.22407	0.0727763	1.35215	1.35215	0.0113773	0.620313	-1.61209	0.0263289	1.48747	1.48747	6.46029	2.32446	0.319829	1
cg08895260	RAB30	0.0127688	0.426584	1.21088	1.21088	0.0637631	1.63428	1.63428	0.114698	0.667413	-1.49832	0.136334	1.45979	1.45979	0.0013732	0.334787	-2.98697	0.362046	1.24711	1.24711	0.0342105	1.79033	1.79033	0.171723	1.40907	1.40907	0.264226	1.3156	1.3156	5.46204	4.80597	0.78212	1
cg06516650	RAB30	0.0160001	0.0271518	0.679235	-1.47225	0.0161527	0.647089	-1.54538	0.881243	0.978132	-1.02236	0.111258	0.773687	-1.29251	0.236511	0.832393	-1.20136	0.0126553	0.63229	-1.58155	0.00650651	0.592707	-1.68717	0.053845	1.38233	1.38233	0.559805	1.09113	1.09113	5.07098	1.75688	0.307963	1
cg19009664	RAB30	0.0187095	0.0817563	1.4688	1.4688	0.000320253	3.1923	3.1923	0.815104	0.954386	-1.04779	0.67231	0.918701	-1.08849	0.444865	1.16793	1.16793	0.362741	0.829908	-1.20495	0.641955	1.09782	1.09782	0.431696	1.17344	1.17344	0.893548	0.973669	-1.02704	4.81204	3.02737	0.559222	1
cg23143603	RAB30	0.0255516	0.787755	1.12183	1.12183	0.886703	0.941073	-1.06262	0.0902184	2.21544	2.21544	0.000717474	0.111511	-8.96774	0.999358	0.999657	-1.00034	0.611945	1.24352	1.24352	0.173356	1.85369	1.85369	0.9524	0.974889	-1.02576	0.501165	1.33758	1.33758	4.32424	12.43	2.55511	1
cg05935374	RAB30	0.0475816	0.242762	0.812237	-1.23117	0.00353041	1.95987	1.95987	0.0542125	1.45019	1.45019	0.601457	1.09379	1.09379	0.321789	1.19021	1.19021	0.491033	1.12637	1.12637	0.185804	0.787679	-1.26955	0.309323	0.836116	-1.19601	0.534712	0.898559	-1.11289	3.45237	1.58248	0.407446	1
cg20531166	RAB30;RAB30	0.00824184	0.297512	0.822119	-1.21637	0.000248486	2.99461	2.99461	0.987052	0.997061	-1.00295	0.684416	0.92857	-1.07692	0.499128	1.1325	1.1325	0.961839	0.99136	-1.00872	0.0347682	0.639992	-1.56252	0.112259	1.36834	1.36834	0.149002	1.32401	1.32401	6.28491	3.27401	0.463051	1
cg21373526	RAB30;RAB30	0.0140837	0.000453782	0.376487	-2.65613	0.211663	1.26189	1.26189	0.0380298	1.52986	1.52986	0.475307	1.13694	1.13694	0.524351	1.12082	1.12082	0.875268	0.972612	-1.02816	0.306374	1.20589	1.20589	0.74256	0.943395	-1.06	0.948065	1.01158	1.01158	5.28951	2.61818	0.439979	1
cg17960615	RAB31	0.00363857	0.00606704	0.153191	-6.52781	0.000221457	0.0399401	-25.0375	0.0597695	0.328868	-3.04073	0.16424	0.45978	-2.17495	0.0124572	0.196329	-5.09348	0.0374429	0.282467	-3.54023	0.00306754	0.11973	-8.35215	0.00642517	0.156314	-6.39736	0.0343244	0.274577	-3.64197	8.07928	35.072	3.85865	1
cg17982102	RAB31	0.0052488	0.0066007	0.702497	-1.42349	0.00111381	0.61826	-1.61744	0.119012	0.844167	-1.1846	0.12563	1.18051	1.18051	0.196612	0.872238	-1.14648	0.0922523	0.830655	-1.20387	0.0142026	0.738681	-1.35376	0.0221497	0.759853	-1.31604	0.0551476	1.2432	1.2432	7.23045	1.14794	0.141124	1
cg12107772	RAB31	0.00752691	0.297146	1.36078	1.36078	0.137246	0.633685	-1.57807	0.010011	0.395863	-2.52612	0.735469	0.907876	-1.10147	0.000358822	0.195577	-5.11309	0.782689	0.924224	-1.08199	0.00740239	0.374048	-2.67345	0.916847	0.970674	-1.03021	0.0949194	0.592711	-1.68716	6.46675	8.3194	1.14355	1
cg14161579	RAB31	0.0117642	0.233369	1.07681	1.07681	0.677445	0.97553	-1.02508	0.118893	0.904613	-1.10545	0.0177919	1.18609	1.18609	0.00206008	1.29315	1.29315	0.948481	1.00383	1.00383	0.044111	0.871984	-1.14681	0.0639161	0.883964	-1.13127	0.274473	0.934872	-1.06967	5.60948	0.311642	0.0493834	1
cg18456459	RAB31	0.0215138	0.164347	0.719672	-1.38952	0.184116	1.36667	1.36667	0.965277	1.0097	1.0097	0.899681	1.02836	1.02836	0.00382032	0.421176	-2.37431	0.0796534	0.649678	-1.53922	0.0228399	0.546694	-1.82918	0.012757	0.503574	-1.98581	0.342263	1.24228	1.24228	4.58895	3.57263	0.692026	1
cg27298007	RAB31	0.0239454	0.041247	0.469035	-2.13204	0.0069351	0.325181	-3.07521	0.00998225	0.35132	-2.84641	0.610017	0.847555	-1.17986	0.00664319	0.322189	-3.10377	0.24861	0.678564	-1.4737	0.0639528	0.511976	-1.95322	0.465969	1.26941	1.26941	0.0955969	0.55508	-1.80154	4.42289	7.24196	1.45545	1
cg16234029	RAB31	0.0392329	0.292152	1.11144	1.11144	0.96005	0.995169	-1.00485	0.00390403	1.45583	1.45583	0.0903554	0.834928	-1.19771	0.617151	1.04993	1.04993	0.399022	0.91992	-1.08705	0.0287742	1.28313	1.28313	0.959077	0.995052	-1.00497	0.220019	0.882789	-1.13277	3.70947	0.549047	0.131567	1
cg24595261	RAB32	3.98E-06	0.00149985	0.672584	-1.4868	0.179374	1.13158	1.13158	0.000333955	0.605535	-1.65143	0.693558	0.966257	-1.03492	0.00506798	0.725298	-1.37874	0.004689	0.721965	-1.38511	9.01E-08	4.56566	4.56566	0.643607	1.04121	1.04121	0.699878	0.966983	-1.03414	51.4843	6.12595	0.105766	1
cg23267550	RAB32	2.28E-05	0.0848469	0.842646	-1.18674	0.291771	0.906398	-1.10327	0.000237027	0.578606	-1.72829	0.0550355	0.822466	-1.21586	6.92E-06	0.40865	-2.44708	0.0057878	0.722672	-1.38375	7.18E-06	2.43653	2.43653	0.195445	1.1309	1.1309	0.844472	1.0178	1.0178	32.7482	4.18638	0.113631	1
cg19681956	RAB32	0.000102136	0.462729	0.804215	-1.24345	0.50109	1.22023	1.22023	0.118986	0.610658	-1.63758	0.287225	0.72463	-1.38001	0.467167	0.806012	-1.24068	0.335811	0.748798	-1.33547	1.03E-06	41.7191	41.7191	0.775444	1.08694	1.08694	0.534825	0.832592	-1.20107	22.0157	29.6241	1.19608	1
cg13046801	RAB32	0.000146978	0.00282281	0.618861	-1.61587	0.0033641	1.59263	1.59263	0.00159539	0.589515	-1.69631	0.545729	0.93115	-1.07394	0.0242781	0.731047	-1.3679	0.00106832	0.568894	-1.7578	6.83E-06	0.312191	-3.20317	0.286766	0.878929	-1.13775	0.0723319	0.79139	-1.2636	19.9661	4.304	0.191614	1
cg22030890	RAB32	0.000419851	0.295006	0.703971	-1.42051	0.2763	1.44197	1.44197	0.163426	0.618324	-1.61728	0.286645	0.699339	-1.42992	0.609507	0.846621	-1.18117	0.449528	0.779531	-1.28282	4.98E-06	28.8928	28.8928	0.630577	0.855033	-1.16955	0.504	0.803188	-1.24504	14.9984	24.8148	1.47066	1
cg01851450	RAB32	0.00108464	0.0750895	0.739219	-1.35278	0.570735	0.916359	-1.09128	0.0342427	0.686197	-1.45731	0.482727	0.89695	-1.11489	1.63E-05	0.258379	-3.87028	0.00745377	0.591384	-1.69095	0.941133	1.01132	1.01132	0.202634	1.22759	1.22759	0.756853	0.953758	-1.04848	11.4982	4.2321	0.327171	1
cg04113075	RAB32	0.00156713	0.0612487	0.41683	-2.39906	0.328248	0.657897	-1.51999	0.0179492	0.303229	-3.29784	0.135495	0.512945	-1.94953	0.00748975	0.239694	-4.17198	0.511692	0.758695	-1.31805	0.000131816	15.6787	15.6787	0.0269572	0.337242	-2.96523	0.0566173	0.408463	-2.4482	10.3482	28.2161	2.4237	1
cg18802818	RAB32	0.00361056	0.298051	0.86937	-1.15026	0.00205274	0.569136	-1.75705	0.000892891	0.524339	-1.90716	0.611467	0.935682	-1.06874	0.0077493	0.641587	-1.55864	0.000938971	0.527037	-1.8974	0.257282	0.857765	-1.16582	0.590018	1.07314	1.07314	0.740712	1.04404	1.04404	8.09802	2.15991	0.237085	1
cg14889768	RAB32	0.00410987	0.847806	0.968442	-1.03259	0.000700086	2.36943	2.36943	0.183541	0.790184	-1.26553	0.0156323	1.63992	1.63992	0.049614	0.688099	-1.45328	0.407516	0.868141	-1.15189	0.0028049	1.98821	1.98821	0.247346	1.22368	1.22368	0.342699	0.849464	-1.17721	7.78857	3.43584	0.392123	1
cg15056556	RAB32	0.00710164	0.0469717	0.736134	-1.35845	0.174579	1.21477	1.21477	0.0285052	0.705941	-1.41655	0.12292	1.25254	1.25254	0.0013467	0.533952	-1.87283	0.416681	0.894196	-1.11832	0.0134573	1.51018	1.51018	0.236125	0.845985	-1.18205	0.301691	1.15507	1.15507	6.58544	1.89308	0.255524	1
cg02664328	RAB32	0.00892708	0.417529	0.890852	-1.12252	0.0310869	1.42336	1.42336	0.858175	1.02527	1.02527	0.771332	0.960162	-1.04149	0.616739	0.932029	-1.07293	0.797118	0.9647	-1.03659	0.000162838	2.4535	2.4535	0.843159	0.972744	-1.02802	0.244957	1.18491	1.18491	6.12817	1.88881	0.273971	1
cg25634742	RAB32	0.0124631	0.533717	0.879294	-1.13728	0.257576	1.27268	1.27268	0.204508	0.760901	-1.31423	0.347025	0.820682	-1.2185	0.000810168	0.35664	-2.80395	0.293265	0.800511	-1.2492	0.0479711	1.58628	1.58628	0.0358123	1.64619	1.64619	0.536194	0.879995	-1.13637	5.50534	3.63165	0.586363	1
cg02151816	RAB32	0.0127448	0.00743053	0.642617	-1.55614	0.12277	0.806974	-1.2392	0.1162	0.803353	-1.24478	0.0440707	0.743256	-1.34543	0.0319606	0.724446	-1.38036	0.0619913	0.763736	-1.30935	0.493198	1.09336	1.09336	0.180433	0.83325	-1.20012	0.000686059	0.514256	-1.94456	5.4654	1.4239	0.231582	1
cg05420134	RAB32	0.017699	0.0156593	0.60821	-1.64417	0.0585035	0.698557	-1.43152	0.00397473	0.52208	-1.91541	0.00490064	0.534873	-1.8696	0.193544	0.793824	-1.25972	0.052742	0.691047	-1.44708	0.581053	0.910697	-1.09806	0.914966	0.982234	-1.01809	0.00971307	0.577525	-1.73153	4.90283	2.18716	0.396534	1
cg24744430	RAB32	0.0292802	0.0592194	1.70242	1.70242	0.00518976	2.51319	2.51319	0.648828	0.891788	-1.12134	0.539441	0.856248	-1.16789	0.580414	1.14967	1.14967	0.262146	1.3392	1.3392	0.0173196	2.06276	2.06276	0.0132321	2.15338	2.15338	0.433729	0.819108	-1.22084	4.12218	4.07371	0.878437	1
cg01915609	RAB32	0.0429501	0.360645	1.20136	1.20136	0.00282348	2.23202	2.23202	0.898088	1.02533	1.02533	0.472757	0.867137	-1.15322	0.96519	1.00856	1.00856	0.831049	1.04259	1.04259	0.0150026	1.79264	1.79264	0.0647701	1.49916	1.49916	0.561776	0.891796	-1.12133	3.5874	2.16506	0.53646	1
cg05083038	RAB32	0.0497794	0.363514	1.21587	1.21587	0.00447358	0.452292	-2.21096	0.0690564	0.653257	-1.53079	0.593443	1.11939	1.11939	0.675488	1.09212	1.09212	0.204485	1.32346	1.32346	0.198598	1.32889	1.32889	0.175287	0.73957	-1.35214	0.32951	0.81008	-1.23445	3.39383	2.35463	0.616709	1
cg06505768	RAB33A	0.00146395	0.735751	1.07416	1.07416	0.000927629	0.351907	-2.84166	0.00166919	0.386916	-2.58454	0.00182752	0.392448	-2.54811	0.00521409	0.459095	-2.1782	0.762528	1.0661	1.0661	0.00854301	2.03131	2.03131	0.0355161	0.596346	-1.67688	0.261653	0.780968	-1.28046	10.5532	7.45542	0.627965	1
cg11565980	RAB33A	0.00204561	0.148399	0.717793	-1.39316	0.000686012	0.329863	-3.03156	0.0861986	0.666652	-1.50003	0.00422769	2.26862	2.26862	0.0207274	0.551207	-1.8142	0.513263	0.867783	-1.15236	0.00922585	2.02768	2.02768	0.0425012	1.64813	1.64813	0.352818	1.22691	1.22691	9.57874	6.94049	0.644065	1
cg27195274	RAB33B	3.92E-05	0.431389	1.06173	1.06173	0.00735861	0.772874	-1.29387	0.397196	0.937386	-1.0668	0.256737	1.0923	1.0923	0.00502356	1.31892	1.31892	0.0148044	1.25064	1.25064	6.96E-06	0.476011	-2.10079	0.77939	1.02117	1.02117	9.29E-06	0.489555	-2.04267	28.3925	2.50153	0.0783157	1
cg23741509	RAB33B	0.00650921	0.0910707	0.710643	-1.40718	0.941167	1.01364	1.01364	0.000667438	2.60047	2.60047	0.635402	1.09161	1.09161	0.337744	0.834126	-1.19886	0.904043	0.978109	-1.02238	0.0807288	0.700854	-1.42683	0.00386536	2.0427	2.0427	0.245613	0.800219	-1.24966	6.7664	3.60945	0.474167	1
cg24868830	RAB33B	0.0469446	0.951035	0.984214	-1.01604	0.1303	0.654817	-1.52714	0.208788	0.709413	-1.40962	0.0036049	0.360215	-2.77612	0.124115	0.649556	-1.53951	0.0583095	0.574425	-1.74087	0.722246	1.09689	1.09689	0.116115	1.55656	1.55656	0.826311	1.0586	1.0586	3.46996	3.68968	0.945174	1
cg05815906	RAB33B	0.0489282	0.278367	0.82003	-1.21947	0.0638825	1.44288	1.44288	0.0273089	1.58361	1.58361	0.434046	0.868912	-1.15086	0.495731	1.12948	1.12948	0.276195	0.819234	-1.22065	0.144405	0.75882	-1.31784	0.0505836	0.675589	-1.48019	0.0610367	0.689611	-1.45009	3.41612	1.67649	0.436229	1
cg10377451	RAB33B;RAB33B	0.0485399	0.414645	1.11672	1.11672	0.057855	1.32831	1.32831	0.892095	1.01813	1.01813	0.184956	0.830163	-1.20458	0.334884	1.14072	1.14072	0.246793	0.851856	-1.17391	0.0118153	0.659545	-1.5162	0.747032	1.04378	1.04378	0.030918	1.39861	1.39861	3.42644	0.951178	0.246755	1
cg05668853	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.00489954	0.0134627	3.84044	3.84044	0.00952348	4.23907	4.23907	0.00745904	4.55045	4.55045	0.0842376	2.3166	2.3166	0.24241	0.583879	-1.71268	0.0217465	3.35832	3.35832	0.000651323	9.9636	9.9636	0.0086696	4.35565	4.35565	0.0487768	2.69055	2.69055	7.38418	22.6207	2.72302	1
cg08032476	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0106014	0.0548497	3.10041	3.10041	0.00878945	5.66254	5.66254	0.0254837	3.9731	3.9731	0.17805	2.10358	2.10358	0.0965881	0.387544	-2.58035	0.0550517	3.09674	3.09674	0.00319616	8.09781	8.09781	0.00890602	5.6371	5.6371	0.0483843	3.22846	3.22846	5.801	24.8077	3.80129	1
cg22803868	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0125501	0.0323234	5.65766	5.65766	0.00803	10.4698	10.4698	0.0992085	3.48944	3.48944	0.150013	2.90685	2.90685	0.12104	0.312701	-3.19794	0.0480609	4.77059	4.77059	0.00640654	11.618	11.618	0.00690205	11.2241	11.2241	0.0292921	5.90324	5.90324	5.49288	41.5955	6.73121	1
cg03452174	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0130516	0.0237637	12.1522	12.1522	0.0104546	19.7444	19.7444	0.0433281	8.59112	8.59112	0.109225	5.03451	5.03451	0.224474	0.307015	-3.25717	0.0678438	6.63839	6.63839	0.00657782	26.2074	26.2074	0.00452729	33.1367	33.1367	0.0361186	9.53927	9.53927	5.42313	73.5605	12.0571	1
cg21237418	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0269321	0.0506301	5.83246	5.83246	0.0218445	8.83423	8.83423	0.0528819	5.70901	5.70901	0.149002	3.40511	3.40511	0.204554	0.346473	-2.88623	0.0744341	4.82415	4.82415	0.00964068	13.3808	13.3808	0.015918	10.3547	10.3547	0.0490882	5.92182	5.92182	4.24541	42.1485	8.8249	1
cg08839210	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0281063	0.0281524	7.07809	7.07809	0.0491873	5.4459	5.4459	0.0568355	5.08914	5.08914	0.0946723	4.00115	4.00115	0.0633615	0.20678	-4.83606	0.211024	2.70412	2.70412	0.0489072	5.4605	5.4605	0.010281	11.4881	11.4881	0.081336	4.29955	4.29955	4.1822	37.7435	8.02205	1
cg22632666	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0312611	0.0048953	0.121293	-8.24449	0.410365	0.621106	-1.61003	0.111311	0.374851	-2.66773	0.0579729	0.297484	-3.36153	0.337635	0.571667	-1.74927	0.0123852	0.17184	-5.81937	0.524842	0.694517	-1.43985	0.0110436	0.164773	-6.06896	0.0223513	0.212574	-4.70425	4.02736	20.4122	4.50523	1
cg22359162	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0419731	0.0569721	0.279677	-3.57555	0.0149864	0.170487	-5.86556	0.00811047	0.134647	-7.42681	0.143244	0.394356	-2.53578	0.968922	1.02331	1.02331	0.0860931	0.325685	-3.07045	0.0256459	0.208454	-4.79722	0.0465375	0.259648	-3.85137	0.0732091	0.306728	-3.26022	3.61819	20.0501	4.92575	1
cg19982230	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0479127	0.0597377	4.11798	4.11798	0.0125491	7.9123	7.9123	0.0355695	5.10366	5.10366	0.104197	3.26552	3.26552	0.304114	0.492116	-2.03204	0.109098	3.2028	3.2028	0.0511216	4.39217	4.39217	0.0298766	5.48701	5.48701	0.166652	2.67081	2.67081	3.44334	24.2038	6.24814	1
cg12873610	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.00449829	0.014499	7.90553	7.90553	0.0121143	8.55847	8.55847	0.0431094	4.9405	4.9405	0.281361	2.15667	2.15667	0.0426607	0.201508	-4.96259	0.053026	4.52318	4.52318	0.000756242	33.302	33.302	0.00624572	11.5474	11.5474	0.0252463	6.21186	6.21186	7.57859	56.559	6.63377	1
cg18686527	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0228994	0.0502266	34.2742	34.2742	0.149212	11.5751	11.5751	0.284778	5.80787	5.80787	0.0842765	20.5732	20.5732	0.1741	0.101336	-9.86811	0.107222	16.182	16.182	0.00539314	330.254	330.254	0.00824938	210.469	210.469	0.0199381	85.4613	85.4613	4.49164	178.336	35.2925	1
cg02530437	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0333114	0.0540404	8.44775	8.44775	0.0432216	9.67221	9.67221	0.133023	4.86251	4.86251	0.0690789	7.27836	7.27836	0.300524	0.351041	-2.84867	0.132106	4.88365	4.88365	0.0128379	20.3966	20.3966	0.0111394	22.3076	22.3076	0.0282605	12.5214	12.5214	3.93674	59.3686	13.405	1
cg21816330	RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34;RAB34	0.0455324	0.0513266	56.479	56.479	0.121517	21.156	21.156	0.20237	11.5536	11.5536	0.0941331	28.3889	28.3889	0.511563	0.298081	-3.35479	0.090927	29.5361	29.5361	0.00765815	508.678	508.678	0.0152288	225.592	225.592	0.045884	64.0972	64.0972	3.51002	183.742	46.5315	1
cg19548004	RAB34;RAB34;SNORD42B;RAB34;RPL23A;RAB34;RAB34	0.011471	0.00324904	0.610518	-1.63795	0.244018	0.860834	-1.16166	0.54132	0.926796	-1.07899	0.0402065	0.747192	-1.33834	0.380797	1.11686	1.11686	0.00487996	0.632084	-1.58207	0.124647	1.22678	1.22678	0.0670077	1.28713	1.28713	0.590828	1.069	1.069	5.65547	1.35388	0.212794	1
cg19009921	RAB34;RAB34;SNORD42B;RAB34;RPL23A;RAB34;RAB34	0.0176632	0.12122	1.1931	1.1931	0.41308	1.09191	1.09191	0.00274031	1.54409	1.54409	0.091253	0.822471	-1.21585	0.0948518	1.21274	1.21274	0.220738	1.14485	1.14485	0.174561	0.859206	-1.16387	0.0273325	0.760062	-1.31568	0.496835	1.07518	1.07518	4.90616	0.857932	0.155438	1
cg07116015	RAB34;RAB34;SNORD42B;RAB34;RPL23A;RAB34;RAB34	0.040911	0.411159	1.11988	1.11988	0.2893	0.86227	-1.15973	0.0924078	1.28341	1.28341	0.379801	1.12905	1.12905	0.0425217	0.73003	-1.36981	0.211481	0.837491	-1.19404	0.00428831	0.597711	-1.67305	0.628357	1.06792	1.06792	0.255594	0.852233	-1.17339	3.65267	1.05001	0.255524	1
cg20066120	RAB35;RAB35	0.00160963	8.28E-05	0.0676842	-14.7745	0.64595	0.852886	-1.17249	0.0809843	0.508786	-1.96546	0.704142	0.87704	-1.1402	?	?	?	?	?	?	0.7497	1.11634	1.11634	?	?	?	?	?	?	13.9016	14.1411	1.42412	1
cg20131578	RAB35;RAB35	0.00379447	0.219302	0.718296	-1.39218	0.869673	1.04296	1.04296	0.16011	0.680858	-1.46873	0.0303522	1.91934	1.91934	0.00867382	0.424486	-2.35579	0.00230888	0.336041	-2.97583	0.175336	1.44649	1.44649	0.00351545	2.75611	2.75611	0.100834	1.58454	1.58454	7.97816	8.28939	0.923565	1
cg20961939	RAB35;RAB35	0.00427487	0.000546453	0.357732	-2.79539	0.990403	1.0023	1.0023	0.976342	0.994341	-1.00569	0.742081	0.938748	-1.06525	0.00934305	0.532082	-1.87941	0.00159513	0.420219	-2.37971	0.0673535	1.48044	1.48044	0.418853	1.17128	1.17128	0.660943	0.918994	-1.08815	7.69647	4.46527	0.515707	1
cg09379965	RAB35;RAB35	0.033536	0.788755	1.08475	1.08475	0.0365239	2.08797	2.08797	0.374246	0.758589	-1.31824	0.814372	0.931229	-1.07385	0.134066	0.61295	-1.63145	0.189841	0.65661	-1.52297	0.254527	1.43393	1.43393	0.0115412	2.60377	2.60377	0.0147018	2.48368	2.48368	3.92723	5.70804	1.29196	1
cg04348296	RAB35;RAB35	0.0391516	0.738236	1.05465	1.05465	0.172279	0.794141	-1.25922	0.650205	0.930131	-1.07512	0.00434996	1.83034	1.83034	0.996463	1.0007	1.0007	0.883752	1.02348	1.02348	0.00905839	1.69257	1.69257	0.244322	1.21318	1.21318	0.115148	1.31229	1.31229	3.71229	1.47994	0.354364	1
cg17717091	RAB35;RAB35	0.0479266	0.124197	0.675647	-1.48006	0.19427	1.38186	1.38186	0.00529212	2.3768	2.3768	0.830762	1.0517	1.0517	0.541409	1.15673	1.15673	0.041715	0.57528	-1.73828	0.870989	0.962444	-1.03902	0.196152	1.37977	1.37977	0.484295	0.845863	-1.18223	3.44296	3.02469	0.780903	1
cg22148191	RAB35;RAB35;RAB35;RAB35	0.0253455	0.199789	0.514476	-1.94372	0.610696	0.77732	-1.28647	0.464101	0.693776	-1.44139	0.896396	0.93808	-1.06601	0.363889	0.632664	-1.58062	0.215749	1.89505	1.89505	0.00504251	6.17019	6.17019	0.352396	1.59924	1.59924	0.00565112	0.168345	-5.94017	4.33647	16.5336	3.38905	1
cg20721738	RAB36	1.45E-05	1.41E-05	0.154028	-6.49231	7.74E-05	0.227934	-4.38723	7.84E-05	0.228527	-4.37584	0.00184541	0.401063	-2.49337	9.02E-06	0.137157	-7.29089	0.0403861	0.61309	-1.63108	2.19E-06	0.0910024	-10.9887	0.000214347	0.27883	-3.58642	0.0234545	0.571582	-1.74953	36.8282	24.9046	0.601099	1
cg17936155	RAB36	0.000427421	0.067692	0.546948	-1.82833	0.986732	0.99511	-1.00491	0.0695411	0.549662	-1.8193	0.0022708	0.284009	-3.52102	0.00137029	0.254328	-3.93193	6.88E-06	0.0529287	-18.8933	0.0317671	0.476134	-2.10025	0.313515	0.735421	-1.35976	0.0919427	0.578715	-1.72797	14.9246	20.5436	1.22355	1
cg15450768	RAB36	0.000581131	0.181796	0.695365	-1.43809	0.716599	0.910783	-1.09796	0.308951	1.30986	1.30986	0.0616753	0.583032	-1.71517	1.15E-05	0.0921833	-10.8479	0.387329	0.79681	-1.255	0.000531961	0.250956	-3.98476	0.979817	1.00651	1.00651	0.487224	0.834488	-1.19834	13.7054	14.2632	0.925062	1
cg04125800	RAB36	0.0069868	0.0577855	0.453636	-2.20441	0.00105	0.167546	-5.96851	0.00324171	0.227747	-4.39083	0.39117	0.723436	-1.38229	0.00263376	0.215689	-4.63629	0.0150787	0.33267	-3.00599	0.0473642	0.433454	-2.30705	0.0380565	0.41228	-2.42554	0.0302662	0.391166	-2.55646	6.61901	14.2337	1.91149	1
cg15379633	RAB36	0.0106919	0.993506	0.999064	-1.00094	0.28853	1.13511	1.13511	0.000991364	1.75555	1.75555	0.0271352	0.740201	-1.35098	0.388797	1.10693	1.10693	0.989558	0.998496	-1.00151	0.0153943	0.710333	-1.40779	0.764453	0.966027	-1.03517	0.129111	1.20758	1.20758	5.78517	1.21212	0.186241	1
cg14497203	RAB36	0.0202556	0.492297	1.19824	1.19824	0.198039	0.702715	-1.42305	0.11628	0.642351	-1.55678	0.638237	1.13067	1.13067	0.000869575	0.273737	-3.65314	0.0651449	0.58451	-1.71084	0.18271	0.693018	-1.44296	0.635675	1.13175	1.13175	0.139317	1.51074	1.51074	4.68429	4.98941	0.946788	1
cg18039556	RAB36	0.0474276	0.795726	0.858654	-1.16461	0.194508	0.446569	-2.2393	0.221322	0.469943	-2.12792	0.57885	1.39006	1.39006	?	?	?	0.00177873	0.0733039	-13.6418	?	?	?	0.750134	0.828885	-1.20644	0.689821	1.26572	1.26572	3.57306	15.186	4.8573	1
cg22792503	RAB37	0.0227636	0.0467733	0.362165	-2.76117	0.0498205	0.368552	-2.71332	0.00795826	0.219163	-4.56282	0.984215	0.991212	-1.00887	0.0409467	0.349057	-2.86486	0.14056	0.492983	-2.02847	0.00928374	0.229315	-4.36081	0.00548026	0.19604	-5.10101	0.0568545	0.382289	-2.61582	4.50085	14.189	2.80224	1
cg22325823	RAB37	0.0276945	0.410419	1.58107	1.58107	0.0296116	0.248161	-4.02964	0.563733	0.727875	-1.37386	0.287219	0.548058	-1.82463	0.00527253	0.135085	-7.40272	0.007943	0.156884	-6.37415	0.570537	1.36613	1.36613	0.238133	1.95903	1.95903	0.209504	0.486843	-2.05405	4.20399	19.719	4.16939	1
cg23832237	RAB37	0.0278764	0.100769	0.4795	-2.0855	0.846273	0.923699	-1.0826	0.638328	0.823994	-1.2136	0.552167	0.781972	-1.27882	0.0645633	0.427852	-2.33726	0.192153	0.568633	-1.7586	0.000869303	0.129647	-7.71326	0.147122	1.88924	1.88924	0.268685	0.624334	-1.60171	4.19431	11.1071	2.3539	1
cg15189015	RAB37;CD300LF	4.54E-05	0.000390939	0.0544082	-18.3796	3.80E-06	0.00386177	-258.949	0.00528758	0.150514	-6.64391	0.00404698	0.136935	-7.30274	5.51E-05	0.0209386	-47.7587	0.698471	0.818315	-1.22202	4.89E-05	0.0196225	-50.9619	0.000328147	0.050344	-19.8633	0.00150943	0.094939	-10.5331	27.3135	114.768	3.735	1
cg04488553	RAB37;CD300LF	9.13E-05	5.53E-05	0.296284	-3.37514	0.428128	0.87707	-1.14016	1.32E-05	0.227275	-4.39995	0.565199	0.910038	-1.09886	7.88E-05	0.314284	-3.18183	0.244975	0.821034	-1.21798	0.000207341	0.365297	-2.7375	0.698748	0.938891	-1.06509	0.00261602	0.508778	-1.96549	22.6863	9.44579	0.370103	1
cg02865242	RAB37;CD300LF	9.82E-05	0.000756436	0.411471	-2.4303	0.000298032	0.359275	-2.78338	7.63E-05	0.287343	-3.48016	0.0101326	0.568909	-1.75775	6.32E-05	0.27793	-3.59803	0.000143775	0.320098	-3.12404	4.17E-05	0.257379	-3.88532	0.0466095	0.672842	-1.48623	0.000995163	0.42727	-2.34044	22.2481	10.655	0.425704	1
cg26366833	RAB37;CD300LF	0.000409216	0.0502882	0.478266	-2.09089	0.000108778	0.105001	-9.52373	0.00273283	0.254814	-3.92443	0.0016292	0.224913	-4.44616	0.000848846	0.190592	-5.2468	0.0782617	0.523821	-1.90905	5.09E-05	0.0813795	-12.2881	0.307455	0.705253	-1.41793	0.0037785	0.274814	-3.63883	15.105	26.1367	1.53808	1
cg21847347	RAB37;CD300LF	0.0211727	0.0123291	0.0738607	-13.539	0.00980886	0.0652332	-15.3296	0.0426443	0.142071	-7.03875	0.0575675	0.166024	-6.02323	0.0119658	0.0726768	-13.7596	0.105824	0.228302	-4.38016	0.00453151	0.0423296	-23.6241	0.0483877	0.151703	-6.59181	0.0934325	0.213784	-4.67761	4.6141	51.0896	9.84221	1
cg21640749	RAB37;CD300LF	0.0423481	0.0355379	0.28839	-3.46753	0.0649365	0.348848	-2.86658	0.0152752	0.22015	-4.54235	0.107214	0.409259	-2.44344	0.0323488	0.279935	-3.57226	0.112489	0.415643	-2.40591	0.0052266	0.153804	-6.50178	0.0972321	0.396619	-2.52131	0.127712	0.433093	-2.30897	3.60627	14.7456	3.63457	1
cg03932361	RAB37;RAB37	5.41E-05	0.558073	1.06661	1.06661	0.650725	0.951587	-1.05088	0.000635569	1.77053	1.77053	0.00954589	1.42959	1.42959	0.119763	1.20175	1.20175	0.5662	0.938818	-1.06517	0.460083	0.921378	-1.08533	6.33E-07	4.41323	4.41323	0.197107	1.16005	1.16005	26.0679	4.89384	0.166875	1
cg12448933	RAB37;RAB37	0.000536108	0.426363	0.858445	-1.1649	0.306119	0.81945	-1.22033	0.00313609	2.13601	2.13601	0.052535	1.51323	1.51323	0.638857	0.915003	-1.09289	0.793443	1.05055	1.05055	0.0131272	0.561013	-1.78249	1.59E-05	5.33098	5.33098	0.879552	0.971906	-1.02891	14.0165	7.83961	0.497168	1
cg16347279	RAB37;RAB37	0.00100779	0.135439	0.660492	-1.51402	0.245228	1.36791	1.36791	0.555153	0.857415	-1.1663	0.564118	0.860465	-1.16216	0.0963577	0.624639	-1.60093	0.671443	1.11625	1.11625	0.00529762	0.387792	-2.5787	3.01E-05	8.19887	8.19887	0.347599	0.779371	-1.28309	11.7407	12.3532	0.935266	1
cg03469804	RAB37;RAB37;RAB37;RAB37	0.000172574	0.057717	0.687716	-1.45409	0.00335525	0.498444	-2.00624	6.83E-05	0.280599	-3.56381	0.614889	0.915302	-1.09254	0.274574	0.820099	-1.21937	0.81076	0.959014	-1.04274	0.00170437	0.457646	-2.18509	8.63E-06	0.185049	-5.40396	0.277868	1.21758	1.21758	19.1196	9.21659	0.428489	1
cg02797539	RAB37;RAB37;RAB37;RAB37	0.0045228	0.436153	0.820126	-1.21932	0.351841	0.787292	-1.27018	0.00347048	0.371483	-2.69191	0.303316	0.76634	-1.3049	0.281285	1.32249	1.32249	0.0196182	0.494711	-2.02138	0.0362803	1.83608	1.83608	0.423395	0.815386	-1.22641	0.000385705	0.243251	-4.11098	7.56611	7.46594	0.877121	1
cg10187792	RAB37;RAB37;RAB37;RAB37	0.014249	0.0214844	0.208355	-4.7995	0.0110114	0.16347	-6.11734	0.0187493	0.198419	-5.03984	0.0962598	0.354475	-2.82107	0.00593665	0.129613	-7.71527	0.0108387	0.162519	-6.15312	0.00976421	0.156357	-6.39562	0.0178325	0.194869	-5.13165	0.0281779	0.229501	-4.35727	5.26924	26.9102	4.53959	1
cg05100739	RAB37;RAB37;RAB37;RAB37	0.0210764	0.442456	0.639354	-1.56408	0.0077287	7.05926	7.05926	0.172793	2.29026	2.29026	0.144256	2.4495	2.4495	0.0472994	0.273549	-3.65565	0.45909	1.53812	1.53812	0.194209	0.456359	-2.19126	0.0148894	5.53228	5.53228	0.0445391	3.73445	3.73445	4.62129	23.8768	4.59262	1
cg08661469	RAB37;RAB37;RAB37;RAB37	0.0234274	0.0449027	5.90485	5.90485	0.373161	2.02445	2.02445	0.231516	0.379789	-2.63304	0.213602	2.7465	2.7465	0.176981	0.330516	-3.02558	0.986338	0.986877	-1.0133	0.00216249	0.0361044	-27.6974	0.282239	0.422296	-2.36801	0.119889	3.6755	3.6755	4.45646	42.0063	8.37861	1
cg16555002	RAB37;RAB37;RAB37;RAB37	0.0262792	0.679966	0.897475	-1.11424	0.23169	1.38698	1.38698	0.000416765	0.232299	-4.3048	0.407276	0.801667	-1.2474	0.780629	0.929781	-1.07552	0.900889	0.968031	-1.03302	0.923914	1.02522	1.02522	0.297239	0.754416	-1.32553	0.307243	0.759093	-1.31736	4.28205	4.61198	0.957376	1
cg17068985	RAB37;RAB37;RAB37;RAB37	0.0330666	0.354752	1.28722	1.28722	0.319474	1.31395	1.31395	0.352461	0.775868	-1.28888	0.80436	1.06775	1.06775	0.670761	0.893134	-1.11965	0.923509	1.02569	1.02569	0.00552702	0.365429	-2.73651	0.0162142	2.2299	2.2299	0.0417914	1.88451	1.88451	4.33438	4.68601	0.840876	1
cg22096687	RAB38	0.000259849	0.0120426	0.469608	-2.12944	0.000132714	0.201983	-4.9509	0.380311	0.804748	-1.24262	0.0247241	0.524447	-1.90677	0.0590166	0.597715	-1.67304	0.0138426	0.47989	-2.08381	0.000978477	0.306195	-3.26589	0.000124512	5.02444	5.02444	0.549126	1.15756	1.15756	17.1088	15.7875	0.820244	1
cg17108629	RAB38	0.00601167	0.0487234	0.352046	-2.84054	0.0040733	0.16728	-5.97801	0.675372	0.822563	-1.21571	0.186464	0.522295	-1.91463	0.271992	0.588432	-1.69943	0.0748706	0.398492	-2.50946	0.0069855	0.198284	-5.04326	0.00217638	7.34826	7.34826	0.686434	1.20709	1.20709	6.935	23.6231	3.02788	1
cg14428310	RAB38	0.00895259	0.227401	1.55825	1.55825	0.0669348	2.05217	2.05217	0.161894	1.68675	1.68675	0.250498	1.52245	1.52245	0.300932	1.45526	1.45526	0.153683	1.70691	1.70691	0.0292032	2.45828	2.45828	0.000123089	10.4321	10.4321	0.06713	2.05087	2.05087	6.12263	11.8814	1.72495	1
cg04653522	RAB38	0.0146336	0.19185	0.463011	-2.15978	0.205971	0.47543	-2.10336	0.460626	0.657939	-1.5199	0.167321	0.440271	-2.27133	0.339342	0.577612	-1.73127	0.247549	0.509775	-1.96165	0.610582	0.751091	-1.3314	0.000926163	15.7469	15.7469	0.0335292	3.99112	3.99112	5.2232	25.6947	4.37275	1
cg23502204	RAB38	0.0149027	0.00145565	0.400191	-2.49881	0.0106481	1.8956	1.8956	0.939599	1.01521	1.01521	0.0456106	0.633504	-1.57852	0.182319	0.754354	-1.32564	0.662022	0.916128	-1.09155	0.547205	0.885753	-1.12898	0.176545	0.751167	-1.33126	0.119573	0.714358	-1.39986	5.19185	3.26141	0.55838	1
cg00027674	RAB38	0.0256928	0.0939784	0.197996	-5.0506	0.0358455	0.116776	-8.56342	0.104958	0.210516	-4.75024	0.0922922	0.196023	-5.10145	0.0996137	0.20449	-4.89021	0.0605196	0.155465	-6.4323	0.0608385	0.155913	-6.41384	0.0094572	18.0339	18.0339	0.87829	1.14428	1.14428	4.31594	52.8691	10.8886	1
cg04421271	RAB38	0.0363265	0.455778	0.469081	-2.13183	0.0138093	0.0481869	-20.7525	0.129155	0.195143	-5.12445	0.504992	0.509603	-1.96231	0.221596	0.277954	-3.59772	0.340369	0.37562	-2.66226	0.0710954	0.134096	-7.45734	0.0072935	31.4437	31.4437	0.38022	0.407793	-2.45223	3.81529	60.0076	13.9806	1
cg17285922	RAB38;RAB38	0.000784593	0.148135	0.765133	-1.30696	0.59873	1.09596	1.09596	0.255057	1.22759	1.22759	0.0547148	0.686581	-1.45649	0.398948	0.861554	-1.16069	0.910273	1.01964	1.01964	0.00969364	0.568525	-1.75894	0.000131684	3.14187	3.14187	0.000322679	2.72878	2.72878	12.6008	5.94272	0.419212	1
cg21585733	RAB39	0.00120676	0.136913	0.878941	-1.13773	0.0174672	1.26239	1.26239	0.000179515	1.66671	1.66671	0.163687	0.887182	-1.12716	0.577726	1.04633	1.04633	0.537723	1.05154	1.05154	0.00113952	0.680202	-1.47015	0.0283684	0.811878	-1.23171	0.278726	0.913288	-1.09495	11.1539	1.14578	0.091311	1
cg04182321	RAB39	0.00293129	0.0218973	1.21229	1.21229	0.725639	1.02497	1.02497	0.0565966	0.859792	-1.16307	0.000602496	1.44823	1.44823	0.0848087	1.14272	1.14272	0.00225377	1.34886	1.34886	0.180535	0.905259	-1.10466	0.394292	0.940751	-1.06298	0.0682515	0.86683	-1.15363	8.6172	0.668719	0.0689803	1
cg17498773	RAB39	0.0039005	0.122901	1.18852	1.18852	0.455228	0.924419	-1.08176	0.11338	0.836925	-1.19485	0.00570971	1.45428	1.45428	0.219799	1.14262	1.14262	0.134219	1.18161	1.18161	0.000266164	0.538705	-1.8563	0.842051	0.979595	-1.02083	0.422506	0.918827	-1.08834	7.9123	1.33799	0.150313	1
cg27100022	RAB39	0.0172509	0.215121	0.827254	-1.20882	0.0253209	0.679473	-1.47173	0.0104296	1.59788	1.59788	0.00939494	0.61965	-1.61381	0.605734	0.927116	-1.07861	0.820896	1.03351	1.03351	0.0164894	0.653238	-1.53083	0.096408	0.766974	-1.30383	0.964985	0.99364	-1.0064	4.94518	1.65439	0.297375	1
cg02888906	RAB39	0.0432721	0.473378	0.785795	-1.2726	0.630742	1.17363	1.17363	0.459057	1.28301	1.28301	0.749025	0.89933	-1.11194	0.000960223	0.196774	-5.08196	0.065642	0.505141	-1.97965	0.913878	1.03641	1.03641	0.592109	0.836287	-1.19576	0.461333	0.780434	-1.28134	3.57744	6.19132	1.53836	1
cg08482682	RAB39	0.0498984	0.661344	0.87092	-1.14821	0.755246	0.906611	-1.10301	0.898072	1.041	1.041	0.409714	0.767714	-1.30257	0.0317449	0.454156	-2.20189	0.0183266	0.407575	-2.45354	0.0604338	1.94225	1.94225	0.169428	1.58239	1.58239	0.0816806	1.83116	1.83116	3.39075	5.27894	1.38388	1
cg26933504	RAB39B	0.0166605	0.829188	0.939188	-1.06475	0.419249	0.786901	-1.27081	0.25533	0.708332	-1.41177	0.255655	1.41141	1.41141	0.000476842	0.203415	-4.91605	0.975721	1.00888	1.00888	0.103383	1.67743	1.67743	0.206973	1.47176	1.47176	0.533583	0.832693	-1.20092	5.0031	6.68144	1.18708	1
cg14536899	RAB3A	0.00406197	0.0456167	0.740574	-1.3503	0.0237554	0.702122	-1.42425	0.0174016	0.684265	-1.46142	0.00114175	0.534302	-1.8716	0.0372353	0.728433	-1.37281	0.000398399	0.477837	-2.09276	0.151298	0.817518	-1.22321	0.914947	1.0141	1.0141	0.383497	1.12423	1.12423	7.81617	2.12542	0.241712	1
cg08236478	RAB3A	0.00511765	0.828871	1.05573	1.05573	0.683222	1.10827	1.10827	0.448101	0.823898	-1.21374	0.141047	0.672571	-1.48683	0.0965251	0.633068	-1.57961	0.881116	0.963198	-1.03821	6.78E-05	0.160909	-6.21471	0.293179	1.31419	1.31419	0.895523	0.967617	-1.03347	7.28664	7.24494	0.883802	1
cg08825190	RAB3A	0.0095077	0.0031613	0.683739	-1.46255	0.905973	0.988923	-1.0112	0.994409	1.00066	1.00066	0.00312362	0.683193	-1.46371	0.170909	1.14734	1.14734	0.0238348	1.28947	1.28947	0.097578	0.842515	-1.18692	0.804404	0.97688	-1.02367	0.0740168	0.828866	-1.20647	6.00664	0.845409	0.125107	1
cg17968077	RAB3A	0.0169607	0.469549	1.10681	1.10681	0.20801	1.20092	1.20092	0.0300948	1.42165	1.42165	0.804138	0.96631	-1.03486	0.130945	1.25224	1.25224	0.516084	0.913186	-1.09507	0.000967838	0.507915	-1.96883	0.249525	0.847058	-1.18056	0.583003	1.07947	1.07947	4.97333	1.49835	0.267801	1
cg12949616	RAB3A	0.0452534	0.134857	0.710493	-1.40747	0.659832	1.09847	1.09847	0.0509571	1.60227	1.60227	0.113836	1.44017	1.44017	0.0510723	0.624302	-1.60179	0.0728991	0.654299	-1.52835	0.499641	1.15638	1.15638	0.0466917	1.62081	1.62081	0.244492	0.77247	-1.29455	3.51812	2.5051	0.63294	1
cg19844325	RAB3A;RAB3A	0.000610423	0.000108068	0.460282	-2.17258	0.0208602	1.37182	1.37182	0.27337	0.878453	-1.13837	0.00214027	0.612437	-1.63282	0.0138158	0.707554	-1.41332	0.645277	0.948667	-1.05411	0.00241738	0.618617	-1.61651	0.255348	1.14454	1.14454	0.0136693	1.41442	1.41442	13.5188	2.76731	0.181957	1
cg17140222	RAB3B	4.15E-05	3.61E-05	0.227211	-4.40119	0.041835	0.64625	-1.54739	0.00581825	0.5106	-1.95848	0.00432713	2.03354	2.03354	1.06E-05	0.173629	-5.75941	0.00542514	0.506119	-1.97582	7.09E-05	0.259616	-3.85185	0.0380024	1.56468	1.56468	0.0109447	0.551942	-1.81178	27.9619	15.3388	0.487611	1
cg04898719	RAB3B	0.000813106	0.00735902	0.57909	-1.72685	0.0438316	0.693218	-1.44255	0.00759251	0.580994	-1.72119	0.00241109	0.512524	-1.95113	3.00E-05	0.274839	-3.63849	0.0035889	0.535952	-1.86584	0.131758	0.773136	-1.29343	0.00208467	0.504032	-1.984	0.00648441	0.571402	-1.75008	12.4749	4.94179	0.352123	1
cg01879039	RAB3B	0.00120976	0.00802185	0.446637	-2.23896	0.0147013	0.490398	-2.03916	0.0181908	0.506444	-1.97455	0.107867	0.659496	-1.51631	0.000615632	0.286177	-3.49434	0.0010013	0.313766	-3.18709	0.000481569	0.272731	-3.66662	0.000359862	0.257204	-3.88797	0.179551	0.713025	-1.40248	11.146	9.93789	0.792543	1
cg11585605	RAB3B	0.00222553	0.0251778	0.362188	-2.761	0.0037454	0.224704	-4.45031	0.257052	0.636854	-1.57022	0.00276835	0.20715	-4.82742	0.000462304	0.12223	-8.18131	0.116117	0.52132	-1.91821	0.000606942	0.133205	-7.50722	0.805186	1.09885	1.09885	0.00948366	0.285426	-3.50353	9.34567	21.537	2.04843	1
cg00856580	RAB3B	0.00646697	0.0159529	0.385913	-2.59126	0.0113526	0.359616	-2.78075	0.0658615	0.513799	-1.94629	0.521792	0.81099	-1.23306	0.001607	0.23228	-4.30516	0.0110101	0.357316	-2.79865	0.00501806	0.301864	-3.31275	0.00185038	0.240262	-4.16212	0.131598	0.591439	-1.69079	6.78008	11.1797	1.46569	1
cg00714309	RAB3B	0.0137266	0.00125955	0.164825	-6.06703	0.0334887	0.386261	-2.58893	0.0329188	0.384682	-2.59955	0.169262	0.57078	-1.75199	0.00256803	0.201702	-4.9578	0.234081	0.620235	-1.61229	0.166528	0.56845	-1.75917	0.0248463	0.359629	-2.78064	0.0579695	0.440134	-2.27204	5.33432	12.3876	2.06422	1
cg15645961	RAB3B	0.028309	0.0368423	1.52896	1.52896	0.44848	1.14483	1.14483	0.570279	0.90443	-1.10567	0.147274	1.31299	1.31299	0.00270608	0.484072	-2.06581	0.346536	1.18499	1.18499	0.183347	1.28043	1.28043	0.174907	0.776743	-1.28743	0.48939	1.13084	1.13084	4.17161	2.02574	0.431646	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(1111T vs. N)	Fold-Change(1-vs-111T 117 vs. N)	p-value(1127T vs. N)	Fold-Change(1-vs-112T 127 vs. N)	p-value(1217T vs. N)	Fold-Change(1-vs-121T 217 vs. N)	p-value(1247T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 637 vs. N)	t(Test)	SS(Test)	SS(Error)	df
cg02395396	RAB1B	0.0312234	0.252859	0.782874	-1.27735	0.409773	0.983988	-1.18808	0.00768332	0.494738	2.02127	0.100575	0.60629	-1.43618	0.197801	0.756055	-1.32266	0.046344	0.625729	-1.59814	0.002068636	0.983972	-1.01629	0.027263	0.58467	-0.71037	4.0291	2.693	0.594123	1
cg03333776	RAB3B		0.113653	1.43636	1.43636	0.483397	1.16143	1.16143	0.949694	1.10136	0.119115	1.19375	1.34934	1.34934	0.0467213	1.61454	1.61454	0.08066065	1.50315	1.50315	0.00153903	2.60799	2.60799	0.052284	1.591	1.591	0.0251822	1.75081	1.75081	3.94659	2.76624	0.62304	1
cg05329645	RAB3B		0.0374441	0.00594	0.263013	-3.8021	0.539346	0.793984	-1.25947	0.00967736	3.37109	3.37109	0.829391	1.0834	1.0834	0.173398	0.584072	-1.71212	0.369724	0.940886	-1.06283	0.834855	0.92543	-1.08058	0.647412	1.18642	1.18642	0.159619	1.74695	1.74695	3.7794	8.23558	1.94003	1
cg07211381	RAB3C		0.00576582	0.00066064	0.442737	-2.25868	0.450345	1.12767	1.12767	0.0222596	1.53421	1.5342	0.000555718	0.493367	-2.30911	0.387746	1.148311	1.148311	0.004956588	0.554327	-1.80399	0.14015	0.786495	-1.28139	0.000828285	2.193592	2.193592	0.19559	0.933139	0.986078	-1.01319	13.7339	5.308311	0.343553	1
cg08144815	RAB3C		0.00118042	0.0403631	1.13844	1.13844	2.99E-05	1.58635	1.58635	0.229657	1.07145	1.07145	0.330968	1.05646	1.05646	0.634327	0.974104	-1.02658	0.359919	0.949766	-1.05289	0.956914	1.00296	0.00296	0.0183221	1.14046	1.14046	0.00236447	2.16315	2.16315	11.2243	0.5329972	0.0422076	1
cg10487770	RAB3C		0.0023174	0.614552	0.84694	-1.18072	0.0589334	2.00938	2.00938	0.0266316	2.57413	2.57413	0.619502	0.848938	1.17794	0.00658153	0.315219	-1.17239	0.699671	0.880893	-1.13521	0.000105694	0.106461	-9.3931	0.40799	1.31903	1.31903	0.862703	1.05826	1.05826	9.25556	0.15662	1.50685	1
cg24994504	RAB3C		0.00605599	0.0109844	0.608434	-1.64356	0.00467392	1.79604	1.79604	0.00553395	1.76412	1.76412	0.202589	0.811019	-1.23302	0.0220027	0.651972	-1.53381	0.119925	0.768976	-1.30043	0.539481	1.10156	1.10156	0.66484	0.93438	-1.07023	0.159754	1.26353	1.26353	0.91928	2.65692	0.341322	1
cg25193523	RAB3C		0.00278426	0.00615052	0.568334	-1.76324	0.0180363	1.0141	1.0141	0.0173145	1.20856	1.2086	0.70657	1.06274	1.06274	0.0904214	0.544122	-1.83715	0.829715	1.03525	1.03525	0.693384	0.98713	-1.01356	0.607986	1.6671	1.6671	0.000792911	0.442399	-2.2604	6.34808	2.6024	0.364401	1
cg25203952	RAB3C		0.0092362	0.730932	1.062	1.062	0.00111386	1.693056	-2.30917	0.700469	0.66968	0.56557	1.06852	1.06852	0.391932	1.16514	1.16514	0.810484	1.04275	1.04275	0.0134872	0.444248	-2.251	0.204548	1.26275	1.26275	0.941439	0.987279	-1.01288	0.60229	2.91552	0.427491	1
cg26170758	RAB3C		0.0101779	0.111332	1.32225	1.32225	0.0168297	1.59962	1.59962	0.567147	1.09764	1.09764	0.556193	0.908587	-1.10061	0.21304	1.2231	1.2231	0.474743	0.889521	-1.1242	0.000944262	0.451957	-2.2126	0.453329	0.884237	-1.13092	0.0388829	1.46979	1.46979	5.87736	2.41448	0.365164	1
cg27180793	RAB3C		0.0168662	0.1490584	1.81061	1.81061	0.0172012	1.72982	1.72982	0.0564966	1.8464054	1.84641	-1.18196	0.0164969	3.07224	0.0828227	0.539826	-1.85246	0.0318771	0.432649	-2.31134	0.436419	1.30278	1.30278	0.0021562	2.53553	2.53553	0.0159131	2.31539	2.31539	4.81617	11.2283	2.07233	1
cg26508801	RAB3C		0.0209512	0.0788777	1.32111	-3.14118	0.631735	0.851401	-1.17454	0.117452	1.76204	1.76204	0.00676591	0.310545	-3.22014	0.910435	1.082	1.082	0.0318771	0.432649	-2.31134	0.436419	1.30278	1.30278	0.392307	1.33905	1.33905	0.0602285	0.493576	-2.02603	6.63071	8.13957	1.56243	1
cg31219001	RAB3GAP1/RAB3C		0.0138208	0.685637	1.04435	1.04435	0.00884025	0.579294	-1.74431	0.602865	1.05647	1.05647	0.445278	1.08534	1.08534	0.0954641	0.995612	-1.00441	0.744606	0.96441	-1.03676	0.83113	1.0226	1.0226	0.948471	1.15855	1.15855	0.0145089	1.33048	1.33048	5.32323	0.9230959	0.154185	1
cg05896042	RAB3D		0.00167837	0.623963	0.827413	-1.20859	0.620797	1.21071	1.21071	0.135483	1.85322	1.85322	0.04840051	0.237428	2.37428	0.702642	1.8633296	1.86333	0.651168	1.19067	1.19067	5.45E-05	0.0560008	-17.8569	0.0375834	0.396545	-2.52178	0.00868981	0.277409	-3.60478	10.1453	23.6219	0.206966	1
cg15604242	RAB3D		0.00485172	0.00359208	0.444996	-2.24721	0.0131449	1.88027	1.88027	0.0278492	1.70531	1.70531	0.460906	0.857146	-1.16656	0.095345	1.45684	1.45684	0.203049	0.758872	-1.31775	0.729148	1.07399	0.00228994	2.4001	2.4001	0.0659727	1.52742	0.47026	9.94602	0.593612	1
cg25424659	RAB3D		0.0202281	0.144265	1.54458	1.54458	0.0533138	1.858462	-1.16487	0.0442817	2.524535	1.90645	0.0464409	0.504004	1.58308	0.074181	1.2254	1.2254	0.883983	0.960648	-1.04163	0.242342	1.345025	-2.89834	0.00658554	0.373314	-2.67871	0.970628	0.08977	-1.01034	9.92062	4.9317	0.09796	1
cg17752112	RAB3D		0.0397505	0.07475	0.77889	-1.28388	0.0258511	1.39528	1.39528	0.00654747	1.56	1.56	0.137886	1.22279	1.22279	0.730332	1.04452	1.04452	0.770996	1.03743	1.03743	0.108185	0.802007	-1.24687	0.832987	1.02694	1.02694	0.858781	0.977828	-1.02267	3.69163	0.926439	0.223121	1
cg08047482	RAB3D		0.0409815	0.701955	1.16231	1.16231	0.0450284	2.49329	2.49329	0.00324904	4.80695	4.80695	0.01113309	3.47265	3.47265	0.0562775	2.32937	2.32937	0.301232	1.52046	1.52046	0.0955129	1.23343	1.23343	0.0575392	2.31665	2.31665	0.256982	1.58852	1.58852	3.65035	8.84704	2.15433	1
cg24409426	RAB3D/RAB3D		0.0408472	0.458859	0.907832	-1.10253	0.0630379	1.30746	1.30746	0.0348829	1.37057	1.37057	0.50204	1.09127	1.09127	0.733791	1.04399	1.04399	0.021706	1.62374	1.62374	0.0044048	1.4042	1.4042	0.0407476	0.958281	0.958281	0.0154554	1.04354	1.04354	5.94126	1.91212	0.23139	1
cg12819922	RAB3GAP1		0.00346228	0.0907091	1.32714	1.32714	0.000362774	2.38225	2.38225	0.000481404	2.29704	2.29704	0.123884	0.776424	-1.28796	0.973737	0.995013	-1.00501	0.329328	1.16519	1.16519	0.796928	0.961597	-1.03994	0.853714	0.97236	-1.02843	0.141556	1.27131	1.27131	8.20035	2.99513	0.324662	1
cg07898653	RAB3GAP1		0.0269914	0.0676702	1.63948	1.63948	0.0236564	1.86097	1.86097	0.0310382	2.55763	2.55763	0.0901682	1.50784	1.50784	0.0528376	1.04507	1.04507	0.777557	1.0705	1.0705	0.00940841	0.455303	2.00414	0.443008	1.25899	1.25899	0.20699	0.35484	1.25727	4.25274	3.887	0.814473	1
cg05015348	RAB3GAP2		0.00354009	0.00162737	0.159807	-6.25755	0.533514	0.774033	-1.29193	0.0142643	0.292992	-3.41306	0.295445	0.643597	-1.55377	0.00348737	0.107941	-9.26432	0.189024	0.568259	-1.75976	0.00164652	0.160374	-6.23541	0.72453	1.15455	1.15455	0.0178813	0.311104	-3.21436	8.14599	21.2839	2.32249	1
cg24463070	RAB3GAP2		0.0144531	0.974903	0.993838	-1.00617	0.0435946	1.36137	1.36137	0.0124263	1.74301	1.74301	0.0423865	1.05647	1.05647	0.955437	1.02201	1.02201	0.113891	0.827162	-1.20895	0.178296	0.974423	-1.02625	0.665196	1.04458	1.04458	0.0242662	1.88267	-1.11293	0.0178706	0.884558	0.923809	0.154185	1
cg12807776	RAB3GAP2		0.0264538	0.04642225	-1.70559	-1.4174	0.0496473	0.710032	-1.40839	0.12437	0.775359	-1.28973	0.0532536	0.714776	-1.39904	0.0032769	0.541825	-1.84562	0.225889	0.823277	-1.21466	0.122048	0.779933	-1.2921	0.00316334	0.539767	-1.85265	0.224635	0.8228	-1.21536	4.272115	1.5821	0.329182	1
cg16257868	RAB3GAP2		0.0265465	0.0618371	1.43645	1.43645	0.111875	1.34521	1.34521	0.193066	0.790676	-1.26474	0.146618	0.762444	-1.30507	0.0734858	1.83046	1.83046	0.521791	1.11625	1.11625	0.0290692	0.639974	-1.56256	0.251058	0.800626	-1.24902	0.249668	1.22721	1.22721	4.7151	2.08872	0.344545	1
cg19635580	RAB3IP/2		0.00128821	0.0505697	1.49753	1.49753	0.0196705	1.74301	1.74301	0.0264596	2.02078	1.98565	0.0149453	0.392222	2.55458	0.190645	0.644928	-1.55039	0.0035432	0.408281	-2.45004	0.0134482	0.240845	-4.14879	0.59127	0.933297	-1.07147	0.00258965	0.587632	1.70175	3.81798	2.25546	0.2283	1
cg26881535	RAB3IP/2/AURKAPS1		0.0412076	0.0304879	2.82288	2.82288	0.250107	1.63316	1.63316	0.306893	1.53989	1.53989	0.244681	1.64328	1.64328	0.0617602	2.35994	2.35994	0.0636199	2.34223	2.34223	0.00252532	5.53604	5.53604	0.0192086	3.17779	3.17779	0.142068	1.90445	1.90445	5.64293	9.61036	2.34497	1
cg07229666	RAB3IL1		0.00190775	0.219351	1.11535	1.11535	0.0470094	2.07139	2.07139	0.0134904	2.42429	2.42429	0.00349034	4.80695	4.80695	0.0111309	3.47265	3.47265	0.0042357	3.00294212	3.00294212	0.0005357	4.06568	4.06568	0.0003245	3.47811	3.47811	0.0018078	2.18047	2.18047	6.03715	8.84704	2.20548	0.105355	1
cg22017309	RAB3IL1		0.00073961	0.864509	0.97687	-1.02373	0.0381587	1.39094	1.39094	0.278434	1.16738	1.16738	0.0246219	0.560843	-1.78303	0.00037706	0.584595	-1.71059	0.271152	1.17037	1.17037	5.10E-05	0.352777	-2.83465	0.602274	0.930342	-1.07487	0.00959047	0.637401	-1.56287	7.281616	1.82644	0.265484	1
cg19141913	RAB3IL1		0.00180659	0.00176086	0.695069	-1.43871	0.00016208	0.59125	-1.69133	0.225502	0.901315	-1.10949	0.00853654	0.760381	-1.31513	0.000951084	0.685892	-1.49488	0.159807	0.884613	-1.13044	0.27041	1.0982	0.0790346	0.852884	-1.17255	0.100877	0.86358	-1.15797	0.93125	1.048	0.0938001	1
cg03705599	RAB3IL1		0.00341291	0.0905	1.11555	1.11555	0.0470094	2.07139	2.07139	0.0134904	2.42429	2.42429	0.00349034	4.80695	4.80695	0.0111309	3.47265	3.47265	0.0042357	3.00294212	3.00294212	0.0005357	4.06568	4.06568	0.0003245	3.47811	3.47811	0.0018078	2.18047	2.18047	6.03715	8.84704	2.20548	0.105355	1
cg18573251	RAB3IL1		0.0109825	0.391273	0.863591	-1.15796	0.609777	0.916342	-1.0913	0.34284	0.851098	-1.17495	0.0449991	0.662544	-1.50933	0.00192796	0.27521	2.07521	0.797635	1.04383	1.04383	0.00193508	1.95831	1.95831	0.710023	0.939546	-1.06434	0.290455	0.20102	1.20102	5.73546	2.53214	0.392434	1
cg15589156	RAB3IL1		0.0263947	0.441995	0.850402	-1.17582	0.0985	0.823016	-1.21484	0.0216687	0.6503	1.53803	0.0116687	0.615175	0.0927884	0.162466	0.5207	-1.92082	0.0148492	0.680973	-1.46845	0.0284758	0.733097	-1.36402	0.0479174	0.640771	-1.56077	0.0454078	0.640377	-1.56187	4.6458	1.62405	0.349656	1
cg03103374	RAB3IP/RAB3IP.RAB3IP/RAB3IP		0.00269891	0.658759	0.936018	-1.07456	0.0234337	1.54966	1.54966	0.318298	1.18162	1.18162	0.523379	1.11031	1.11031	0.00048942	0.413221	2.42001	0.126825	0.765538	1.30627	0.000807229	0.44139	-2.26557	0.202986	0.804581	-1.24288	0.185809	1.2548	1.2548	8.83045	1.66088	0.368511	1
cg25629938	RAB3IP/RAB3IP.RAB3IP/RAB3IP		0.00476065	0.423491	1.22655	1.22655	0.00183209	0.346378	-2.88702	0.000687017	0.288911	-3.46127	0.108248	0.657259	-1.52147	0.000136422	0.20579	-4.85932	0.202606	1.39945	1.39945	0.00218638	0.357698	-2.79565	0.0101814	0.24699	2.24699	0.32155	0.774248	1.29158	7.44216	0.736426	0.878758	1
cg02570707	RAB3IP/RAB3IP.RAB3IP/RAB3IP		0.00464063	0.1506313	1.09156	1.09156	0.0238762	1.74303	1.74303	0.0418132	1.1085	1.74303	0.0418132	1.1085	1.10785	0.0731097	1.28519	1.28519	0.0078121	1.75004	1.75004	0.0010483	2.12071	2.12071	0.0015509	1.98402	1.98402	0.0001736	2.57095	2.57095	1.78041	1.84081	0.186524	0.878758	1
cg07463429	RAB3IP/RAB3IP.RAB3IP/RAB3IP		0.00785098	0.524371	1.09587	1.09587	0.249741	0.843082	-1.18612	0.946917	0.990596	-1.00949	0.0818489	1.31471	1.31471	0.643212	1.06843	1.06843	0.00947041	0.62717	-1.59447	0.000379855	0.446856	-2.23786	0.858447	1.02566	1.02566	0.0654196	0.745682	-1.34305	6.38177	2.03522	0.283477	1
cg00499750	RAB3IP/RAB3IP.RAB3IP/RAB3IP		0.0281698	0.1969868	1.46663	1.46663	0.274478	1.17607	1.17607	0.875005	0.959766	-1.04519	0.774078	0.922376	-1.08416	0.0203442	0.456051	-2.19274	0.670202	1.1278	1.1278	0.0114292	2.43186	2.43186	0.0233188	2.14044	2.14044	0.0267163	2.08977	2.08977	4.17887	5.21681	1.10967	1
cg08403691	RAB3IP/RAB3IP.RAB3IP/RAB3IP/RAB3IP		0.0150438	0.0140414	0.568078	-1.76032	0.230368	0.790847	-1.26447	0.0071763	0.523478	-1.9103	0.282949	0.812172	-1.23127	0.00244727	0.455612	-2.19485	0.219391	0.785965	-1.27232	0.734628	0.938525	-1.0655	0.0557481	0.667519	-1.49808	0.00395772	0.485438	-2.05999	5.1757	2.85047	0.489547	1
cg23907053	RAB3IP/RAB3IP.RAB3IP/RAB3IP/RAB3IP/RAB3IP/RAB3IP	0.0428357	0.0162211	0.219568	-4.5544	0.0316281	0.272722	-3.66674	0.0239079	0.249177	-4.01321	0.0891194	0.380322	-2.62935	0.0316798	0.290959	-3.43692	0.243913	0.533113	-1.87507	0.93628	0.986454	-2.58763	0.0171795	0.197498	-5.06335	0.0422411	0.299252	-3.34166	0.59596	15.1213	3.74305	1
cg06719873	RAB3IP	0.0201441	0.0687355	0.489224	-2.04405	0.746706	1.12045	1.12045	0.024085	2.57054	2.57054	0.752694	0.895002	-1.11732	0.00111304	0.185334	-5.39565	0.493829	0.783607	-1.27615	0.110709	0.543397	-1.84028	0.370412	0.724128	-1.38097	0.701746	0.873684	-1.14458	4.69309	9.15394	1.73379	1
cg10482042	RAB40A	8.77E-05	0.0573473	1.54025	1.54025	0.174574	0.738375	-1.35396	0.000756654	0.153626	3.18428	0.266187	0.216425	-4.61944	-1.5067	0.0175134	-57.0343	0.159616	1.80796	1.80796	0.0001739317	1.78943	1.78943	0.356921	1.20946	1.20946	0.0424071	1.52342	1.52342	2.93936	14.632	0.567125	1
cg26648426	RAB40A	0.00735623	0.728509	1.14819	1.14819	0.0127109	0.543367	-1.84093	0.0196208	0.359828	2.78009	0.0413003	0.199268	3.12572	0.150135	0.542408	-1.84363	0.00258004	0.0920104	-10.8575	0.0133939	0.29633	-3.37461	0.0575164	0.465767	0.929918	-1.07536	0.0629315	0.456208	2.12214	2.21377	-1.07258	1
cg03962769	RAB40A		0.0109785	0.141795	0.593095	-1.68607	0.0120365	0.354982	-2.81704	0.0102905	0.343237	-2.91344	0.371374	0.758203	-1.31464	0.00070708	0.185671	-5.38586	0.147133	0.597801	-1.6728	0.00994695	0.340731	-2.93487	0.500708	0.79769	-1.25362	0.0174752	0.384163	-2.60306	5.73613	9.93573	1.53967	1
cg19605705	RAB40A		0.0121641	0.0888	0.7756	-1.28965	0.0729544	0.82208	-1.21636	0.0163653	0.585	-1.70934	0.0140552	0.491514	-2.03501	0.00153207	0.307152	-3.25628	0.0944368	0.724638	-1.38044	0.0128406	0.24368	-4.10437	0.0178446	0.392321	1.03538	0.0159374	0.488987	-2.04533	1.11226	5.74898	7.10934	0.927869	1
cg00435233	RAB40A		0.0309576	0.0676892	0.335578	-2.97994	0.0496677	0.137517	-7.27183	0.149635	0.438621	-2.27987	0.456341	0.667172	-1.49886	0.0385378	0.27842	3.5917	0.0646143	0.330436	3.02631	0.00788695	0.162316	-6.16084	0.0215447	0.229329	-4.36055	0.0558211	0.314787	-3.17675	4.0414	18.2159	4.00651	1
cg03315595	RAB40A		0.0391537	0.0579981	0.349847	-2.85813	0.0775997	1.20117	0.5350527	0.666526	-1.50234	0.485545	0.631838	-1.58268	0.00302305	0.19213	-5.2048	0.199902	0.404407	0.0851418	0.0991421	-10.0939	0.00720246	0.105607	-9.46099	0.0125313	0.343012	-2.91245	3.71222	24.6777	5.50997	1
cg12579995	RAB40A		0.0404929	0.725827	1.22673	1.22673	0.22855	0.223223	-4.47983	0.109574	0.663288	-2.75264	0.707713	0.803633	-1.24435	0.00151765	0.505899	-1.9763	0.0550156	0.68389	0.142866	1.4587	1.45817	0.874128	0.962741	-1.0387	0.66676	0.901444	-1.10933	11.8791	10.7926	0.807592	1
cg05684622	RAB40A		0.0400828	0.970037	1.00085	1.00085	0.464464	1.3367	1.3367	0.0655802	1.6483	1.6483	-1.12382	0.0188708	1.10645	0.0013407	1.19021	1.19021	0.579447	1.13922	1.13922	0.0019551	1.79802	1.79802	0.0011586	1.58405	1.58405	0.0001736	1.86021	1.86021	4.56513	10.8427	1.86524	1
cg24026732	RAB40AL		0.00974432	0.484054	0.87685	-1.14045	7	1.3367	1.3367	0.0655826	0.682584	-1.46502	0.0212578	0.599496	-1.66807	0.000664062	0.381724	-2.61969	0.222473	1.26734	1.26734	0.168716	1.31128	1.31128	0.347413	0.836284	-1.19577	0.0786954	0.697076	-1.43456	6.07933	2.92261	0.480746	1
cg04069234	RAB40AL		0.0100623	0.710562	1.05453	1.05453	0.0197035	0.66948	-1.4937	0.333018	0.807405	-1.15286	0.0333053	0.701622	-1.42527	0.000390675	0.629031	-1.58975	0.0429651	0.839075	1.19179	0.0036769	0.761422	0.843707	0.0013766	1.36776	1.36776	0.242652	0.840146	-1.19027	5.79033	1.86091	0.285673	1
cg05889222	RAB40B		6.45E-05	2.21E-05	0.245591	-4.07182	0.443746	1.13736	1.13736	0.6112	0.918967	-1.08818	4.06E-06	0.171633	-5.82639	0.212347	0.805314	1.24175	0.487726	1.23023	1.23023	0.000590017	0.416903	-2.39864	0.445188	1.13688	1.13688	0.242485	1.1446	1.1446	24.8864	10.7087	0.382493	1
cg16601094	RAB40B		0.00467435	0.126384	0.76867	-1.30095	0.000718838	0.440873	-2.26823	0.000153526	0.35615	-2.80781	0.000385032	0.40603	-2.46287	0.0820544	0.735993	-1.35871	0.486493	0.893599	-1.11907	0.000752117	0.443427	-2.25516	0.0209119	0.642632	-1.5561	0.00017181	0.362155	-2.76125	14.5598	5.83729	0.356372	1
cg04069534	RAB40B		0.00868401	0.0184341	0.770753	-1.29736	0.0729139	0.864307	-1.15699	0.0794	0.2635077	-3.79594	0.0146638	0.509599	-1.96358	0.00178396	0.470103	-2.12713	0.0847119	1.15569	1.15569	0.0154128	0.54837	-1.82367	0.0583057	0.958148	1.04027	1.04027	0.106629	0.012138	0.688412	-1.45262	1.79303	0.95695	0.0109	0.289273	1
cg04997558	RAB40B		0.00115234	0.882012	0.985715	-1.01449	0.00309032	1.48031	1.48031	0.125348	0.851541	-1.17434	0.000743906	0.642161	-1.56214	0.0042374	0.44931	2.24931	0.0084918	1.58466	1.58466	0.00217612	1.51685	1.51685	0.000609264	1.66806	1.66806	0.829234	0.979292	-1.02115	11.3017	1.67987	0.132124	1
cg08328193	RAB40B		0.00146789	0.0048522	0.55358	-1.80673	0.0133127	1.34154	1.34154	0.0312547	1.22427	1.34644	-1.34644	0.0198315	1.45509	0.0017447	0.574747	-1.74013	0.0116284	0.455009	-2.19747	0.0158314	0.257002	-3.89102	0.0100491	0.445086	4.45086	0.353225	1.55113	1.55113	0.655065	1.22954	1.22954	9.46413	31.6563	2.97322	1
cg19978859	RAB40B		0.00274368	0.532468	0.924627	-1.08152	0.0778623	1.52725	1.52725	0.0149425	1.45257	1.45257	0.47119	0.914318	-1.09375	0.00584267	0.56405	-1.77245	0.0011999	1.80062	1.80062	0.00492714	1.96662	1.96662	0.856597	1.02267	1.02267	0.984769	0.997637	-1.00237	8.78763	2.13788	0.216251	1
cg00031569	RAB40B		0.00183872	0.0138013	0.7483	-1.33632	0.0139727	1.26758	1.26758	0.0382	1.47958	1.26758	0.0382	1.47958	1.31918	0.0139911	1.78372	1.78372	0.0016774	0.560514	-1.78434	0.0134139	0.0010686	0.127165	1.83192	0.944417	0.97426	-1.02572	0.0688284	0.476409	-2.09864	0.68585	14.7015	1.85772	1
cg14717656	RAB40B		0.00802922	0.0865346	0.770497	-1.29786	0.00125408	0.522672	-1.91325	0.00693998	1.61776	1.61776	0.100319	1.28135	1.28135	0.0849787	0.769201	-1.2999	0.669585	0.942603	-1.06089	0.258937	1.17608	1.17608	0.126046	0.796169	-1.25602	0.639533	0.936443	-1.06787	6.33687	1.90312	0.266956	1
cg14078322	RAB40B		0.00842259	0.755938	1.04101	-1.04093	0.0147663	1.21847	-1.05847	0.0139273	1.827154	-1.20897	0.0835997	1.25935	1.29977	0.0124348	1.41951	1.41951	0.0427655	1.1726	1.1726	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0.0001477	2.06628	2.06628	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00016498	RAB5C;RAB5C	0.0150687	0.239144	0.873505	-1.14481	0.616507	1.05696	1.05696	0.865528	0.981578	-1.01877	0.0110103	0.704752	-1.41894	0.460105	0.920804	-1.08601
cg00435173	RAB5C;RAB5C	0.0304845	0.0640954	0.245286	-4.07688	0.003082	0.0648326	-15.4243	0.0254641	0.166391	-6.00994	0.798415	0.841261	-1.18869	0.0167395	0.139136	-7.18723
cg16801102	RAB5C;RAB5C	0.0421456	0.708196	1.10908	1.10908	0.0154737	2.26576	2.26576	0.243432	1.39946	1.39946	0.441655	0.805705	-1.24115	0.285671	1.35708	1.35708
cg17333424	RAB5C;RAB5C;RAB5C;RAB5C	0.0431968	0.475561	0.937622	-1.06653	0.0917336	1.17919	1.17919	0.12422	1.15926	1.15926	0.116735	0.859591	-1.16334	0.00423989	1.40469	1.40469
cg24242981	RAB6A;RAB6A	0.0034026	0.00228353	0.461382	-2.1674	0.000274045	0.339292	-2.94731	0.046175	0.660827	-1.51325	0.832006	1.03927	1.03927	0.970935	1.00663	1.00663
cg26742440	RAB6A;RAB6A	0.0122965	0.183937	0.819338	-1.2205	0.379354	0.880308	-1.13597	0.478791	1.10715	1.10715	0.266371	0.848992	-1.17787	0.408191	0.887287	-1.12703
cg16449476	RAB6A;RAB6A	0.0326193	0.344308	1.61486	1.61486	0.889427	0.933851	-1.07083	0.845392	1.10081	1.10081	0.00140315	0.102694	-9.73763	0.883951	0.930665	-1.0745
cg22108265	RAB6A;RAB6A;RAB6A;RAB6A	0.0157569	0.773073	0.961872	-1.03964	0.450418	1.10893	1.10893	0.0339433	1.39497	1.39497	0.469285	0.905754	-1.10405	0.225563	0.842724	-1.18663
cg03727836	RAB6A;RAB6A;RAB6A;RAB6A	0.0408084	0.0042596	0.223495	-4.47437	0.105126	0.499714	-2.00115	0.216015	0.600441	-1.66544	0.0090616	0.272704	-3.66697	0.474067	0.751843	-1.33007
cg26335760	RAB6B	0.0082143	0.256617	1.19446	1.19446	0.0747615	1.34699	1.34699	0.517628	1.10345	1.10345	0.0729009	1.35017	1.35017	0.575494	0.918598	-1.08862
cg05506480	RAB6B	0.0109393	0.00603261	0.255597	-3.91241	0.0545875	2.2915	2.2915	0.321831	0.677599	-1.4758	0.0139465	0.315107	-3.17352	0.262913	1.5587	1.5587
cg02935024	RAB6B	0.0317602	0.278585	0.685283	-1.45925	0.00545681	3.40796	3.40796	0.0749098	1.94526	1.94526	0.293146	1.4417	1.4417	0.254204	0.670726	-1.49092
cg20591405	RAB6B;RAB6B	0.0173867	0.598095	1.28952	1.28952	0.179729	1.98672	1.98672	0.683855	1.21602	1.21602	0.363488	0.639134	-1.56462	0.698143	1.20462	1.20462
cg10010257	RAB6C	3.01E-05	0.213822	1.5431	1.5431	0.715381	1.12904	1.12904	0.00685173	3.19169	3.19169	0.356936	1.36889	1.36889	0.949443	1.02124	1.02124
cg23331626	RAB6C	0.000123404	0.0736668	1.53358	1.53358	0.364542	0.818888	-1.22117	0.062758	1.56677	1.56677	0.115608	1.44311	1.44311	0.0022569	0.399887	-2.50071
cg25181900	RAB6C	0.00306012	0.00312607	0.335347	-2.98198	0.0334431	0.510726	-1.958	0.0204123	2.12887	2.12887	0.608271	0.869549	-1.15002	0.182752	0.682295	-1.46564
cg06288154	RAB6C;RAB6C	0.000603416	0.486173	0.776204	-1.28832	0.551743	1.24056	1.24056	0.00998879	3.20465	3.20465	0.35438	1.40652	1.40652	0.87439	0.944934	-1.05827
cg09676860	RAB6C;RAB6C	0.00244514	0.68944	0.807095	-1.23901	0.540852	1.39138	1.39138	0.561951	1.36731	1.36731	0.774097	1.16595	1.16595	0.0650447	0.331127	-3.01999
cg13284070	RAB7A	2.26E-08	0.00338705	0.878064	-1.13887	2.46E-09	0.405409	-2.46665	0.0110272	0.901169	-1.10967	0.0134103	1.1051	1.1051	0.231434	1.04182	1.04182
cg07729367	RAB7A	0.000228246	0.00097151	0.543211	-1.8409	0.265507	0.865668	-1.15518	0.0991631	1.25198	1.25198	0.0139529	0.68557	-1.45864	0.0124042	0.679146	-1.47244
cg03902093	RAB7A	0.000344581	0.0107388	0.460075	-2.17356	0.000723215	0.287807	-3.47455	0.00880359	0.445819	-2.24306	0.173836	1.41965	1.41965	0.00328362	0.379003	-2.6385
cg03181118	RAB7A	0.000745507	0.774413	1.02828	1.02828	0.000203844	0.546473	-1.82992	0.0331263	0.785256	-1.27347	0.800586	0.975736	-1.02487	0.86161	0.983209	-1.01708
cg02005758	RAB7A	0.000820315	0.00356689	0.352947	-2.83329	0.128359	1.54277	1.54277	0.964401	1.01184	1.01184	0.103113	1.60052	1.60052	0.0032371	0.346659	-2.88468
cg07156336	RAB7A	0.000971022	0.000122242	0.243254	-4.11092	0.651631	0.908629	-1.10056	0.0300596	0.583967	-1.71243	0.0733925	0.656478	-1.52328	0.000300806	0.289582	-3.45325
cg25821974	RAB7A	0.00268065	0.076751	0.516171	-1.93734	0.265245	0.677013	-1.47708	0.169727	0.61178	-1.63458	0.389762	1.3446	1.3446	0.000251928	0.131641	-7.59643
cg11926063	RAB7A	0.00300414	0.942146	0.977056	-1.02348	0.763265	0.907916	-1.10142	0.424311	1.29816	1.29816	0.891813	1.04448	1.04448	9.49E-05	0.108239	-9.23879
cg14525059	RAB7A	0.00372301	0.887752	1.01787	1.01787	0.000466951	0.501542	-1.99385	0.240174	0.857058	-1.16678	0.69471	1.05072	1.05072	0.546713	0.926353	-1.0795
cg21747496	RAB7A	0.00647729	0.0383105	0.418835	-2.38758	0.0144835	0.335471	-2.98088	0.0137813	0.331617	-3.01553	0.217425	0.624721	-1.60071	0.0024424	0.216782	-4.61293
cg00295206	RAB7A	0.00741421	0.116377	0.825278	-1.21171	0.0887989	0.809558	-1.23524	0.532864	1.07368	1.07368	0.872728	1.01821	1.01821	0.790028	0.97041	-1.03049
cg27297137	RAB7A	0.00768655	0.267696	1.43189	1.43189	0.0484976	0.496173	-2.01542	0.0132927	0.385261	-2.59564	0.32949	0.73132	-1.36739	0.000901111	0.213394	-4.68616
cg03623968	RAB7A	0.00810266	0.354684	0.722053	-1.38494	0.293707	0.688997	-1.45139	0.267304	0.673514	-1.48475	0.621596	1.1855	1.1855	0.122006	1.77405	1.77405
cg19205850	RAB7A	0.00862716	0.00788775	0.120507	-8.29829	0.00378891	0.0884742	-11.3027	0.0353364	0.218363	-4.57953	0.238648	0.464747	-2.15171	0.00434717	0.0938648	-10.6536
cg22213445	RAB7A	0.0187065	0.5952	0.823769	-1.21393	0.0514747	2.22889	2.22889	0.297974	0.677026	-1.47705	0.0590798	2.16097	2.16097	0.0143745	0.335917	-2.97692
cg15033153	RAB7A	0.0214261	0.592391	1.38261	1.38261	0.081672	3.17954	3.17954	0.144338	2.5602	2.5602	0.0461021	3.93573	3.93573	0.726472	0.810143	-1.23435
cg01368075	RAB7A	0.0230922	0.730828	1.10082	1.10082	0.0697077	1.75804	1.75804	0.181566	1.48357	1.48357	0.0456483	1.89152	1.89152	0.023909	2.11605	2.11605
cg13891898	RAB7A	0.0299876	0.91128	1.01181	1.01181	0.000827686	0.588342	-1.69969	0.177747	0.859944	-1.16287	0.952456	0.993738	-1.0063	0.13434	0.843592	-1.18541
cg26867765	RAB7A	0.0334968	0.0301713	0.263684	-3.79242	0.0308426	0.265584	-3.76528	0.808924	1.13505	1.13505	0.781798	0.864861	-1.15626	0.0258191	0.250587	-3.99063
cg21757043	RAB7A	0.0348443	0.197121	0.658488	-1.51863	0.522468	1.21971	1.21971	0.21912	1.48587	1.48587	0.605269	0.852351	-1.17323	0.878785	1.04787	1.04787
cg26418147	RAB7L1;RAB7L1;RAB7L1;RAB7L1	7.13E-06	1.63E-05	0.362138	-2.76138	3.01E-06	0.280186	-3.56906	9.52E-06	0.33557	-2.98	0.0353315	1.32365	1.32365	0.00910463	1.46097	1.46097
cg10098464	RAB7L1;RAB7L1;RAB7L1;RAB7L1	7.21E-06	0.253303	1.12248	1.12248	7.09E-05	0.49579	-2.01698	1.88E-07	0.2135	-4.68385	0.00267895	0.669017	-1.49473	0.00259949	1.49786	1.49786
cg25006786	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.000418037	0.284748	1.16843	1.16843	0.000155332	0.403544	-2.47805	0.00255727	0.556483	-1.797	0.484428	1.10466	1.10466	0.000174129	0.409613	-2.44133
cg16031515	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.00130343	0.00156132	0.217015	-4.60797	0.00551882	0.293505	-3.40709	0.00666811	0.306348	-3.26426	0.577719	1.20806	1.20806	0.00323392	0.259236	-3.85748
cg06442372	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.00535693	0.00568561	0.204542	-4.88898	0.00589863	0.206778	-4.83611	0.0773054	0.423485	-2.36136	0.362905	0.664233	-1.5055	0.000979561	0.117088	-8.54059
cg06459724	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.00705916	0.141514	0.772965	-1.29372	0.191925	0.798506	-1.25234	0.0003497	0.392093	-2.55041	0.326898	0.848007	-1.17924	0.0335566	0.667343	-1.49848
cg13473505	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.00966798	0.0322699	0.352242	-2.83896	0.326156	0.655804	-1.52485	0.0138701	0.282156	-3.54414	0.0649261	0.422067	-2.36929	0.00182151	0.158172	-6.32225
cg16288872	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.0102944	0.453307	0.871312	-1.14769	0.346292	0.83955	-1.19111	0.000416867	0.364464	-2.74376	0.332078	0.834904	-1.19774	0.039019	1.53849	1.53849
cg24054215	RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.0319608	0.0280032	0.637628	-1.56831	0.843584	1.03484	1.03484	0.0542888	0.684819	-1.46024	0.179829	0.78118	-1.28011	0.169329	0.775833	-1.28894
cg11480873	RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.0183407	0.317619	0.759749	-1.31622	0.503873	1.19772	1.19772	0.43516	1.23588	1.23588	0.217792	0.708329	-1.41177	0.0641655	0.575069	-1.73892
ch.19.683370F	RAB8A	0.000390999	0.165971	0.923338	-1.08303	0.000398924	0.737693	-1.35558	8.15E-06	0.590869	-1.69242	0.184946	0.9269	-1.07886	0.313854	0.945313	-1.05785
cg12945693	RAB8A	0.000624437	0.0353964	0.490224	-2.03988	0.00297117	3.27531	3.27531	0.0765272	1.77423	1.77423	0.295095	0.729067	-1.37162	0.0067949	2.77516	2.77516
cg18478068	RAB8A	0.00345926	0.85875	0.984737	-1.0155	0.689042	1.03534	1.03534	0.0102743	1.32217	1.32217	0.0876654	0.849787	-1.17677	0.545453	0.94854	-1.05425
cg03621001	RAB8A	0.00476398	0.0134152	3.94484	3.94484	0.00320725	6.06852	6.06852	0.0141867	3.88187	3.88187	0.0535573	2.67166	2.67166	0.0124648	4.02943	4.02943
cg06816063	RAB8A;RAB8A	0.00542086	0.265586	0.897009	-1.11482	0.072231	1.20679	1.20679	0.138214	1.1613	1.1613	0.00811262	1.37377	1.37377	0.402341	1.08361	1.08361
cg25800118	RAB8B	0.00182382	0.119471	0.816125	-1.2253	0.967331	0.995087	-1.00494	0.313769	0.882238	-1.13348	0.139924	0.826129	-1.21046	0.131873	0.82235	-1.21603
cg12217444	RAB8B	0.00477288	0.000180214	0.269479	-3.71086	0.515718	0.872567	-1.14604	0.564528	1.12803	1.12803	0.0884024	0.677842	-1.47527	0.413293	1.18886	1.18886
cg09251291	RAB8B	0.0110676	0.00239256	0.158156	-6.32287	0.041828	0.359773	-2.77953	0.0878316	0.439991	-2.27277	0.159923	0.519782	-1.92388	0.206502	0.559548	-1.78716
cg25447873	RAB8B	0.018962	0.00397572	0.18608	-5.37403	0.0296694	0.32905	-3.03905	0.397871	0.686673	-1.4563	0.0433349	0.36453	-2.74326	0.375495	0.673702	-1.48434
cg02747950	RAB8B	0.0365976	0.593522	1.20097	1.20097	0.37043	0.731514	-1.36703	0.166668	0.605791	-1.65073	0.449166	0.769393	-1.29973	0.296673	0.692259	-1.44455
cg15428304	RAB8B	0.0465093	0.478758	0.845957	-1.18209	0.706819	1.09175	1.09175	0.511955	1.1671	1.1671	0.960981	0.988699	-1.01143	0.0622729	0.614129	-1.62832
cg14376033	RAB8B	0.0474583	0.097469	1.67194	1.67194	0.0480737	0.528023	-1.89386	0.00789546	0.381703	-2.61984	0.551114	1.18584	1.18584	0.043921	0.519717	-1.92412
cg10430126	RAB9A	0.00180331	0.27676	0.800418	-1.24935	0.631349	1.09981	1.09981	0.0182357	1.75764	1.75764	3.17E-05	4.92981	4.92981	0.561794	0.890972	-1.12237
cg14621531	RAB9A	0.0201735	0.489786	0.804275	-1.24336	0.642718	0.864988	-1.15609	0.0806749	1.82476	1.82476	0.0010593	4.4956	4.4956	0.852067	0.94369	-1.05967
cg04626105	RAB9A	0.0293234	0.0418334	0.366523	-2.72834	0.051183	0.386702	-2.58597	0.00715807	0.226311	-4.4187	0.31867	0.643411	-1.55422	0.107945	0.47214	-2.11801
cg05065576	RAB9B	0.000800331	0.234742	0.711158	-1.40616	0.00552109	0.36856	-2.71326	0.00387464	0.344836	-2.89993	0.0920656	0.601992	-1.66115	0.000229245	0.187326	-5.3383
cg01473525	RAB9B	0.0154959	0.0475425	0.518477	-1.92873	0.391377	0.775285	-1.28985	0.215184	0.685145	-1.45954	0.299675	0.732334	-1.3655	0.00777885	0.371403	-2.6925
cg04598760	RAB9B	0.0401921	0.899401	1.04683	1.04683	0.797656	1.09743	1.09743	0.308791	0.683064	-1.46399	0.17182	0.590757	-1.69274	0.0046185	0.255676	-3.9112
cg10846922	RAB9P1	0.000382776	0.0211545	0.537249	-1.86133	0.038221	0.583703	-1.7132	0.433983	0.836156	-1.19595	0.000147997	0.231741	-4.31517	0.000338582	0.274027	-3.64928
cg15453943	RAB9P1	0.000445186	0.126117	1.26647	1.26647	0.000351207	0.440475	-2.27028	0.0249303	0.68323	-1.46364	0.181756	0.816822	-1.22426	0.926256	0.986873	-1.0133
cg21495675	RAB9P1	0.000900464	0.000994741	0.254471	-3.92972	0.0063331	0.369812	-2.70407	?	?	?	0.00398688	0.338526	-2.95399	0.00111945	0.26108	-3.83025
cg27639644	RAB9P1	0.0499597	0.276955	0.717186	-1.39434	0.116007	0.605197	-1.65235	0.114574	0.603792	-1.6562	0.242313	0.697853	-1.43297	0.216407	0.682212	-1.46582
cg05886952	RABAC1	0.000186706	0.131947	1.63003	1.63003	0.608801	1.16779	1.16779	0.622938	1.16058	1.16058	0.849403	1.05878	1.05878	0.0671211	1.85267	1.85267
cg03363466	RABAC1	0.00715646	0.688397	1.08572	1.08572	0.0318051	1.67085	1.67085	0.0712373	1.5084	1.5084	0.073098	1.50346	1.50346	0.0335614	1.65947	1.65947
cg01223422	RABAC1	0.0139156	0.322323	0.898645	-1.11279	0.290994	1.12136	1.12136	0.461826	0.924686	-1.08145	0.0971121	1.20965	1.20965	0.00134165	0.614391	-1.62763
cg00358695	RABAC1	0.0343273	0.906559	0.925421	-1.08059	0.00182224	18.6268	18.6268	0.0288566	5.47942	5.47942	0.900164	0.920495	-1.08637	0.146494	0.357458	-2.79753
cg02414034	RABEP1;RABEP1	5.68E-05	0.62106	1.13155	1.13155	0.263235	1.33546	1.33546	0.493309	1.18833	1.18833	0.506328	0.846001	-1.18203	0.551865	0.861323	-1.161
cg09394600	RABEP1;RABEP1	0.00559243	0.204663	0.873473	-1.14486	0.00223193	0.648673	-1.54161	0.0178604	0.747519	-1.33776	0.912637	0.988969	-1.01115	0.00328599	1.4991	1.4991
cg27093376	RABEP1;RABEP1	0.0151231	0.584547	0.858851	-1.16435	0.0661715	1.76465	1.76465	0.392877	1.27279	1.27279	0.753081	0.916705	-1.09086	0.000373614	0.208401	-4.79844
cg01774335	RABEP1;RABEP1	0.0333212	0.0506249	0.424696	-2.35462	0.116668	0.519229	-1.92593	0.0549902	0.433167	-2.30858	0.0138472	0.310556	-3.22003	0.230845	1.62136	1.62136
cg17547812	RABEP1;RABEP1;RABEP1;RABEP1	0.00223261	0.00915014	0.446186	-2.24122	0.0339471	0.551509	-1.81321	0.0639913	0.608166	-1.64429	0.84596	1.04669	1.04669	?	?	?
cg14640386	RABEP1;RABEP1;RABEP1;RABEP1	0.0129564	0.15085	0.8695	-1.15009	0.000388083	0.59814	-1.67185	0.471346	0.935616	-1.06881	0.204154	0.8854	-1.12943	0.0125206	0.754171	-1.32596
cg00134812	RABEP2	0.000775701	0.0112196	1.62931	1.62931	0.000124087	0.357709	-2.79557	0.60517	1.08342	1.08342	0.122108	1.29361	1.29361	0.0612601	1.38266	1.38266
cg16444294	RABEP2	0.00177636	0.560888	0.903053	-1.10735	0.889297	1.02445	1.02445	0.35295	1.18029	1.18029	0.629905	1.08785	1.08785	2.30E-05	0.230207	-4.34392
cg08892952	RABEP2	0.00443236	0.492538	1.12382	1.12382	0.0305782	0.653404	-1.53045	0.728627	0.943333	-1.06007	0.356301	1.17223	1.17223	0.141978	1.30269	1.30269
cg00219653	RABEP2	0.00588964	0.083257	0.563267	-1.77536	0.621716	0.861671	-1.16054	0.69749	0.889647	-1.12404	0.0124926	2.53522	2.53522	0.000319037	0.174758	-5.72221
cg05029638	RABEP2	0.00590488	0.00390696	0.667793	-1.49747	0.33139	1.10979	1.10979	0.522761	1.06965	1.06965	0.119286	0.838852	-1.19211	0.835613	1.02183	1.02183
cg06002947	RABEP2	0.029742	0.786573	0.969965	-1.03097	0.409358	0.909545	-1.09945	0.39607	0.906961	-1.10258	0.0031347	0.635192	-1.57433	0.830246	0.976165	-1.02442
cg03726236	RABEP2	0.0439765	0.498215	0.835899	-1.19632	0.00625538	2.53147	2.53147	0.963783	0.988233	-1.01191	0.0628809	1.72552	1.72552	0.507154	1.19175	1.19175
cg07522190	RABEP2	0.0499511	0.617961	1.28521	1.28521	0.549828	1.3525	1.3525	0.207345	0.515021	-1.94167	0.172086	2.0655	2.0655	0.565725	0.748455	-1.33609
cg14222630	RABEPK	0.00398805	0.000403994	0.0868132	-11.519	0.308639	1.58075	1.58075	0.126982	0.488078	-2.04885	0.988126	0.993554	-1.00649	0.000502215	0.0940034	-10.6379
cg26753512	RABEPK	0.00621932	0.117636	0.689133	-1.4511	0.124794	1.43916	1.43916	0.0188143	1.86552	1.86552	0.733329	1.0778	1.0778	0.254077	1.29814	1.29814
cg14461511	RABEPK	0.0423198	0.0131334	0.577009	-1.73307	0.083654	0.71012	-1.40821	0.0315142	0.637025	-1.5698	0.0104888	0.562185	-1.77877	0.495833	0.883692	-1.13162
cg13731108	RABGAP1	8.26E-06	0.224218	0.802642	-1.24589	0.0020628	0.473665	-2.1112	0.0222417	0.623839	-1.60298	0.374803	0.854828	-1.16983	1.72E-06	0.127204	-7.86141
ch.9.1976398F	RABGAP1	0.000296079	0.000377806	0.339131	-2.94871	0.00043691	0.347201	-2.88018	0.000132214	0.283078	-3.5326	7.24E-05	0.252803	-3.95565	0.00237214	0.446335	-2.24047
cg15209169	RABGAP1	0.00337729	0.0139655	0.572349	-1.74719	0.000743406	0.390179	-2.56293	0.00415698	0.493586	-2.02599	0.817855	0.958486	-1.04331	0.00532249	0.509201	-1.96386
cg14877741	RABGAP1	0.00818009	0.911844	1.00678	1.00678	0.0305162	1.1678	1.1678	0.0145449	1.20162	1.20162	0.661143	1.02728	1.02728	0.72982	1.02138	1.02138
cg06756499	RABGAP1L	0.000447821	0.110143	1.38936	1.38936	0.28425	0.810513	-1.23379	0.00938201	1.86281	1.86281	0.392674	0.847573	-1.17984	2.91E-05	0.212448	-4.70704
cg02958263	RABGAP1L	0.00107877	0.758812	0.96294	-1.03849	0.219187	0.853467	-1.17169	0.000375274	2.00843	2.00843	0.00269536	1.66267	1.66267	0.774874	1.03579	1.03579
cg12475921	RABGAP1L	0.00395766	0.00057605	0.129196	-7.7402	0.00497809	0.239781	-4.17047	0.0912399	0.489436	-2.04317	0.308272	1.49942	1.49942	0.00450002	0.233492	-4.2828
cg15579507	RABGAP1L	0.00632253	0.991127	1.00208	1.00208	0.012054	0.556423	-1.79719	0.00803129	0.529441	-1.88878	0.582217	0.90119	-1.10964	0.0011587	0.409194	-2.44383
cg04867934	RABGAP1L	0.011835	0.022691	0.388888	-2.57144	0.885319	1.05124	1.05124	0.460658	1.29702	1.29702	0.624038	0.842786	-1.18654	0.000302181	0.130806	-7.64493
cg06833062	RABGAP1L	0.0212478	0.0364057	0.718811	-1.39119	0.892196	0.981762	-1.01858	0.0781798	1.30426	1.30426	0.52109	0.915496	-1.0923	0.0249546	0.696164	-1.43644
cg16016766	RABGAP1L	0.0238817	0.922172	0.981322	-1.01903	0.394162	0.845021	-1.1834	0.0314752	0.614618	-1.62703	0.28614	0.807574	-1.23828	0.00181011	0.424926	-2.35335
cg15834338	RABGAP1L	0.0322073	0.787422	1.06629	1.06629	0.225274	1.35315	1.35315	0.19166	1.38853	1.38853	0.00122457	0.325249	-3.07457	0.533677	1.16148	1.16148
cg17462438	RABGAP1L;RABGAP1L	0.0269493	0.0702666	0.58489	-1.70972	0.703576	1.10664	1.10664	0.106814	0.627088	-1.59467	0.960593	0.986989	-1.01318	0.00134412	0.29089	-3.43773
cg04858586	RABGAP1L;RABGAP1L	0.0429581	0.266702	0.691503	-1.44612	0.0999472	0.562904	-1.7765	0.987493	0.995016	-1.00501	0.498027	0.803091	-1.24519	0.0121547	0.369243	-2.70825
cg05702218	RABGAP1L;RABGAP1L	0.0457426	0.129985	1.42542	1.42542	0.316292	1.25174	1.25174	0.712987	1.08336	1.08336	0.479112	0.855619	-1.16874	0.00628868	0.462376	-2.16274
cg03749599	RABGEF1	0.000736376	0.0390634	1.18164	1.18164	0.00165037	0.729958	-1.36994	0.620316	1.03551	1.03551	0.0444212	1.17506	1.17506	0.000894046	0.706392	-1.41564
cg01881993	RABGEF1	0.0154618	0.00501279	0.240583	-4.15656	0.819881	1.09146	1.09146	0.0402705	0.402847	-2.48233	0.109204	0.511597	-1.95466	0.0201482	0.341149	-2.93127
cg14250274	RABGEF1	0.0196598	0.344072	0.890359	-1.12314	0.712033	0.956784	-1.04517	0.0050322	0.642689	-1.55596	0.080779	0.793949	-1.25953	0.234304	0.86195	-1.16016
cg22205607	RABGEF1	0.0264182	0.00463674	0.257427	-3.88459	0.31747	0.689128	-1.45111	0.192382	0.608264	-1.64402	0.914649	1.03938	1.03938	0.0224453	0.373324	-2.67864
cg13792025	RABGEF1	0.0351415	0.0445848	0.51781	-1.93121	0.599406	1.16329	1.16329	0.269762	1.38814	1.38814	0.689882	0.891848	-1.12127	0.00524426	0.349661	-2.85991
cg13496515	RABGEF1	0.0380692	0.110177	0.709639	-1.40917	0.0805535	0.682603	-1.46498	0.0557769	0.652494	-1.53258	0.520455	0.879557	-1.13694	0.999159	0.999792	-1.00021
cg18884741	RABGEF1	0.0474347	0.0070097	0.292291	-3.42125	0.580256	1.21781	1.21781	0.449632	0.762021	-1.3123	0.606828	1.20096	1.20096	0.00596068	0.281291	-3.55504
cg02091593	RABGGTA;RABGGTA	1.51E-05	0.257694	0.874605	-1.14337	0.00240371	0.618992	-1.61553	0.176816	0.849714	-1.17687	0.033773	1.32471	1.32471	0.000622169	0.550365	-1.81698
cg11176924	RABGGTA;RABGGTA	0.0126197	0.41349	1.4889	1.4889	0.98222	1.01067	1.01067	0.0546116	2.82372	2.82372	0.408106	0.66841	-1.49609	0.000432917	0.0706683	-14.1506
cg11068517	RABGGTA;RABGGTA	0.0340215	0.00294689	0.346571	-2.88542	0.135266	0.658435	-1.51875	0.783089	0.930878	-1.07425	0.260726	0.737521	-1.35589	0.0731124	0.595246	-1.67998
cg26180612	RABGGTA;RABGGTA	0.0449198	?	?	?	0.343816	1.83226	1.83226	?	?	?	0.414919	0.596882	-1.67537	0.00427381	0.072102	-13.8692
cg18376306	RABGGTB;SNORD45B	0.0215652	0.017164	0.194639	-5.13771	0.00796906	0.147086	-6.79876	0.439941	0.641567	-1.55868	0.320004	0.560421	-1.78437	0.017138	0.194534	-5.1405
cg22388200	RABIF	7.60E-05	8.36E-06	0.164956	-6.06223	0.824353	0.959592	-1.04211	0.484226	0.876424	-1.141	0.150774	1.33074	1.33074	0.00105049	0.406756	-2.45848
cg08940984	RABIF	8.04E-05	4.76E-05	0.528801	-1.89107	0.00010779	0.566756	-1.76443	1.80E-05	0.482834	-2.07111	0.933319	1.00698	1.00698	0.000323935	0.616601	-1.62179
cg03116424	RABIF	0.000506937	0.0897275	0.927028	-1.07872	0.0201471	0.892677	-1.12023	0.00557391	1.1589	1.1589	0.360038	1.03885	1.03885	0.0301615	1.10879	1.10879
cg14280660	RABIF	0.005291	0.920166	1.03537	1.03537	0.0238492	0.392589	-2.54719	0.904638	0.959293	-1.04243	0.962116	0.983665	-1.01661	0.1905	0.61835	-1.61721
cg26807261	RABIF	0.0234133	0.716744	1.05966	1.05966	0.101171	0.751662	-1.33038	0.445206	1.13175	1.13175	0.010571	0.599624	-1.66771	0.00240028	0.510352	-1.95943
cg08534181	RABIF	0.0236072	0.00539933	0.118182	-8.46153	0.016224	0.180068	-5.55347	0.035515	0.239974	-4.16711	0.331976	0.557875	-1.79252	0.00947096	0.147033	-6.80122
cg21208943	RABIF	0.0265525	0.0126561	0.0686761	-14.5611	0.0178765	0.0831197	-12.0308	0.0180106	0.0834612	-11.9816	0.227023	0.334193	-2.99228	0.0141312	0.0730154	-13.6958
cg02709178	RABIF	0.0296872	0.502633	0.86337	-1.15825	0.0236543	1.79211	1.79211	0.0183175	1.85566	1.85566	0.529083	1.14763	1.14763	0.0359304	0.590387	-1.69381
cg01003724	RABIF	0.0300334	0.0210062	0.163317	-6.12308	0.0491742	0.230958	-4.3298	0.1715	0.386682	-2.5861	0.176866	0.391836	-2.55209	0.00293745	0.0695205	-14.3842
cg01083650	RABIF	0.030628	0.00563631	0.666757	-1.4998	0.83239	1.02393	1.02393	0.594918	1.0617	1.0617	0.0419627	0.769903	-1.29887	0.118112	1.20841	1.20841
cg07494887	RABL2A;RABL2A	0.00115998	0.0540178	0.668852	-1.4951	0.0903516	0.709503	-1.40944	0.037138	0.64083	-1.56048	0.339435	0.834382	-1.19849	4.85E-05	0.245312	-4.07644
cg06221172	RABL2A;RABL2A	0.0330199	0.00395551	0.370623	-2.69816	0.162646	0.682698	-1.46478	0.190193	0.700971	-1.42659	0.662269	0.893552	-1.11913	0.0876878	0.6171	-1.62048
cg22662321	RABL2B;RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RPL23AP82	0.0295581	0.0845196	1.29323	1.29323	0.10655	0.788609	-1.26806	0.00904562	0.639464	-1.56381	0.527777	0.917401	-1.09004	0.2215	0.840989	-1.18908
cg13640423	RABL3	0.00124623	0.0830845	0.769209	-1.30004	0.000379218	0.460035	-2.17375	0.0204353	0.68247	-1.46527	0.0179522	1.48179	1.48179	0.201985	1.20229	1.20229
cg18572650	RABL3	0.0203217	0.719304	1.07116	1.07116	0.179818	0.762346	-1.31174	0.00733727	0.517706	-1.9316	0.303226	0.816172	-1.22523	0.0215168	1.69209	1.69209
cg14141775	RABL3;GTF2E1	0.0372264	0.0931602	0.593906	-1.68377	0.0186774	2.23484	2.23484	0.0683876	1.77819	1.77819	0.166309	0.659438	-1.51644	0.0200316	0.453085	-2.20709
cg09046813	RABL4	0.00232664	0.000506678	0.296495	-3.37274	0.314071	0.792196	-1.26231	0.00661498	2.20071	2.20071	0.233537	0.756195	-1.32241	0.135965	0.698032	-1.4326
cg06235224	RABL4	0.0038331	0.00128109	0.240071	-4.16544	0.365839	0.75402	-1.32623	0.366048	0.754118	-1.32605	0.898744	0.962053	-1.03944	0.00348741	0.29983	-3.33522
cg18279670	RABL4	0.0224541	0.732383	0.915433	-1.09238	0.00120288	3.39067	3.39067	0.0161751	2.13257	2.13257	0.0791684	0.605495	-1.65154	0.577343	1.15594	1.15594
cg10861667	RABL5;RABL5;RABL5;RABL5	9.09E-05	0.383899	0.854482	-1.1703	2.07E-05	0.220111	-4.54315	0.000624723	0.395866	-2.5261	0.0752281	0.705454	-1.41753	3.91E-05	0.24986	-4.00225

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00016498	0.0266459	0.749617	-1.33401	0.00227415	0.626064	-1.59728	0.321084	0.893627	-1.11904	0.0306382	1.3213	1.3213	5.17287	0.986047	0.169439	1
cg00435173	0.130456	0.331836	-3.01354	0.0407773	0.202892	-4.92872	0.690497	1.31038	1.31038	0.150304	0.352955	-2.83322	4.06362	29.3581	6.42187	1
cg16801102	0.0266142	2.06174	2.06174	0.0211283	2.14575	2.14575	0.0185148	2.19565	2.19565	0.38602	0.78294	-1.27724	3.61269	4.33833	1.06743	1
cg17333424	0.802782	1.02246	1.02246	0.0983794	0.851361	-1.17459	0.649974	1.04139	1.04139	0.783143	0.975805	-1.02479	3.57976	0.446822	0.11095	1
cg24242981	0.231372	0.796406	-1.25564	0.201666	0.783099	-1.27698	0.00813829	0.541028	-1.84833	0.0829567	1.41642	1.41642	8.24309	4.29301	0.462935	1
cg26742440	0.0222359	1.47314	1.47314	0.0230445	0.680981	-1.46847	0.154707	1.24025	1.24025	0.00177583	1.87581	1.87581	5.52949	1.74997	0.281315	1
cg16449476	0.0103557	0.204174	-4.89779	0.339265	0.615952	-1.6235	0.946344	1.03367	1.03367	0.72194	0.838787	-1.1922	3.96654	15.2055	3.40751	1
cg22108265	0.577663	1.07856	1.07856	0.169404	1.21752	1.21752	0.000408598	2.12733	2.12733	0.939987	1.01017	1.01017	5.09687	1.45925	0.254492	1
cg03727836	0.0812872	0.469029	-2.13206	0.597045	1.23246	1.23246	0.809203	1.0994	1.0994	0.0837775	0.472514	-2.11634	3.65606	8.88708	2.1607	1
cg26335760	0.122646	1.28537	1.28537	0.00120546	2.03729	2.03729	0.00140122	2.00257	2.00257	0.116039	0.773878	-1.29219	6.29155	2.24423	0.317071	1
cg05506480	0.00448888	0.236768	-4.22354	0.0566993	0.440325	-2.27105	0.425583	1.36261	1.36261	0.644888	0.838218	-1.19301	5.74274	13.1525	2.0358	1
cg02935024	0.067629	1.98731	1.98731	0.437704	1.30416	1.30416	0.0341667	2.29134	2.29134	0.168015	0.610873	-1.637	4.00464	7.13701	1.58417	1
cg20591405	0.00319839	0.132437	-7.55076	0.00170642	0.103537	-9.65839	0.917701	0.951859	-1.05058	0.900737	1.06138	1.06138	5.51715	19.489	2.74744	1
cg10010257	4.73E-06	0.031039	-32.2176	0.248707	1.49122	1.49122	5.01E-06	31.3905	31.3905	0.893882	0.956733	-1.04522	30.4307	52.9344	1.54623	1
cg23331626	0.160831	1.37879	1.37879	0.670451	0.912295	-1.09614	2.10E-06	12.1934	12.1934	0.113701	1.44638	1.44638	20.9273	15.2419	0.647399	1
cg25181900	0.179794	0.680307	-1.46992	0.752884	1.08915	1.08915	0.0004746	4.41022	4.41022	0.868047	0.956036	-1.04599	8.50786	9.85119	1.02924	1
cg06288154	0.0513858	0.451978	-2.2125	0.229475	0.636699	-1.5706	9.94E-06	29.884	29.884	0.788274	1.10116	1.10116	13.5624	27.5325	1.8045	1
cg09676860	0.00693572	0.155052	-6.44947	0.0345052	0.268355	-3.72641	0.000116185	36.7365	36.7365	0.939957	1.04101	1.04101	9.09118	40.9854	4.00734	1
cg13284070	0.000283309	1.21359	1.21359	8.05E-09	2.17517	2.17517	0.0742998	1.06706	1.06706	7.48E-05	0.790798	-1.26455	191.618	3.2326	0.0149955	1
cg07729367	0.000506093	0.508842	-1.96525	5.89E-05	0.39669	-2.52086	0.143629	1.21574	1.21574	0.000124394	0.435376	-2.29686	17.7238	4.3384	0.21758	1
cg03902093	0.00588664	0.417789	-2.39355	1.15E-05	0.105004	-9.52344	0.0492057	0.580596	-1.72237	0.404058	0.813202	-1.22971	15.837	14.7113	0.825707	1
cg03181118	0.444175	0.927089	-1.07864	0.000120487	1.91961	1.91961	0.898431	0.987683	-1.01247	0.0178326	0.756161	-1.32247	12.7831	1.90683	0.132594	1
cg02005758	0.0848325	0.604884	-1.65321	0.000204428	0.193638	-5.16428	0.00621174	2.56276	2.56276	0.0105155	0.427743	-2.33785	12.4439	13.7138	0.979598	1
cg07156336	0.0218449	0.559841	-1.78622	0.0340333	0.593575	-1.68471	0.0664438	1.54332	1.54332	0.00316284	0.427358	-2.33996	11.865	8.35171	0.625683	1
cg25821974	0.00787249	0.318078	-3.14389	0.0073075	0.312838	-3.19654	0.0421822	2.19542	2.19542	0.00940485	0.330848	-3.02253	8.84817	15.8173	1.58901	1
cg11926063	0.010131	0.3544	-2.82167	0.00596486	0.316745	-3.15711	0.928247	1.02922	1.02922	0.0354475	0.456975	-2.1883	8.55465	13.8566	1.4398	1
cg14525059	0.843855	1.02504	1.02504	0.00100662	1.84452	1.84452	0.336339	0.883081	-1.1324	0.0452191	0.749638	-1.33398	8.02385	1.99922	0.221475	1
cg21747496	0.00722104	0.284539	-3.51446	0.0010498	0.172429	-5.79948	0.0111091	0.315301	-3.17157	0.0511377	0.446978	-2.23725	6.77673	14.1071	1.8504	1
cg00295206	0.0672906	1.25958	1.25958	0.000164824	0.485375	-2.06026	0.329397	0.892893	-1.11995	0.336034	0.89436	-1.11812	6.49737	1.30351	0.17833	1
cg27297137	0.00370141	0.295377	-3.3855	0.616643	0.854761	-1.16992	0.0106183	0.368239	-2.71563	0.281703	0.706203	-1.41602	6.42433	9.83641	1.36099	1
cg03623968	0.0622888	2.04979	2.04979	0.00447781	0.273536	-3.65583	0.00131622	4.94724	4.94724	0.327101	0.707507	-1.41341	6.31873	11.7064	1.6468	1
cg19205850	0.0196861	0.17391	-5.7501	0.003935	0.0899318	-11.1195	0.0101392	0.13351	-7.49005	0.0420499	0.233528	-4.28213	6.19486	37.8207	5.42682	1
cg22213445	0.218034	0.625978	-1.5975	0.160339	1.71985	1.71985	0.00538296	3.76126	3.76126	0.877237	1.05748	1.05748	4.8123	9.96136	1.83998	1
cg15033153	0.573797	1.40594	1.40594	0.00276087	11.8855	11.8855	0.00202284	13.6012	13.6012	0.250975	2.05251	2.05251	4.59537	26.1559	5.05937	1
cg01368075	0.0728173	1.74478	1.74478	0.668738	0.887168	-1.12718	0.000872387	4.01018	4.01018	0.498495	1.2106	1.2106	4.47867	5.48739	1.08909	1
cg13891898	0.131492	0.84237	-1.18713	0.281632	1.12511	1.12511	0.105129	0.829815	-1.20509	0.264692	0.884731	-1.13029	4.08743	0.71852	0.156256	1
cg26867765	0.0695382	0.34594	-2.89067	0.00441442	0.1371	-7.29397	0.883522	0.926208	-1.07967	0.039091	0.286889	-3.48567	3.92889	17.014	3.84932	1
cg21757043	0.304848	0.722101	-1.38485	0.000811804	0.212779	-4.6997	0.244354	0.688534	-1.45236	0.918666	0.969187	-1.03179	3.87337	5.75975	1.32179	1
cg26418147	0.83791	0.976838	-1.02371	6.12E-05	0.429035	-2.33081	0.0100262	1.45045	1.45045	0.00165291	0.59738	-1.67398	44.2888	9.18108	0.184267	1
cg10098464	0.510273	1.06681	1.06681	0.123992	1.17506	1.17506	0.176414	0.870074	-1.14933	0.0267784	1.28929	1.28929	44.1619	6.55922	0.132024	1
cg25006786	0.875071	1.02229	1.02229	0.00116097	0.512574	-1.95094	0.41834	0.890608	-1.12283	0.000785775	0.491092	-2.03628	15.0164	4.66722	0.276275	1
cg16031515	0.415092	0.755807	-1.32309	8.69E-05	0.0938527	-10.655	0.28	0.685615	-1.45854	0.0105603	0.339236	-2.9478	10.9108	19.5188	1.59017	1
cg06442372	0.00305829	0.169535	-5.89848	0.00757725	0.222512	-4.49414	0.551599	0.768338	-1.30151	0.0142025	0.266186	-3.75678	7.18542	21.7834	2.69477	1
cg06459724	0.459211	0.884476	-1.13061	0.00737324	0.569804	-1.75499	0.0138715	0.609419	-1.64091	0.00522505	0.548703	-1.82248	6.59778	2.77266	0.373549	1
cg13473505	0.00359863	0.193895	-5.15744	0.121429	0.497181	-2.01134	0.677179	0.8401	-1.19033	0.00322813	0.187834	-5.32384	5.97471	16.3884	2.43818	1
cg16288872	0.289095	1.21949	1.21949	0.111185	1.36739	1.36739	0.435057	1.15443	1.15443	0.581312	1.10565	1.10565	5.85596	3.01568	0.457757	1
cg24054215	0.454202	0.8762	-1.14129	0.022055	0.62128	-1.60958	0.225015	1.24722	1.24722	0.0215486	1.61367	1.61367	3.99563	1.90175	0.423072	1
cg11480873	0.126801	0.644507	-1.55157	0.000895084	0.266399	-3.75377	0.206902	1.42483	1.42483	0.179363	1.46135	1.46135	4.84445	5.42816	0.995992	1
ch.19.683370F	0.140041	1.0895	1.0895	0.08071	0.900703	-1.11024	0.0336662	0.874637	-1.14333	0.0501638	0.88642	-1.12813	15.2959	0.706175	0.041038	1
cg12945693	0.193357	0.66995	-1.49265	0.103226	1.67979	1.67979	2.62E-05	11.2582	11.2582	0.987203	0.995343	-1.00468	13.4334	18.018	1.19225	1
cg18478068	0.0108408	0.758619	-1.31819	0.000211224	0.585782	-1.70712	0.0379634	0.81241	-1.2309	0.97562	0.997365	-1.00264	8.20249	0.968459	0.10495	1
cg03621001	0.08422	2.35436	2.35436	0.000303678	13.8914	13.8914	0.0161256	3.74194	3.74194	0.0321938	3.07871	3.07871	7.44757	23.6983	2.82846	1
cg06816063	0.521611	1.06275	1.06275	0.0151562	0.756145	-1.3225	0.046817	0.807978	-1.23766	0.00121791	1.55816	1.55816	7.15933	0.995218	0.123564	1
cg25800118	0.422071	1.10365	1.10365	1.78E-05	0.348257	-2.87145	0.967594	1.0049	1.0049	0.483276	0.917884	-1.08946	9.90394	2.26864	0.203613	1
cg12217444	0.248914	1.2831	1.2831	0.0131945	0.529665	-1.88799	0.712352	1.07961	1.07961	0.0997459	1.45227	1.45227	7.44334	5.04345	0.602292	1
cg09251291	0.882449	1.0666	1.0666	0.000982151	0.118194	-8.46068	0.984006	1.00877	1.00877	0.017267	0.282532	-3.53943	5.72122	17.2073	2.67345	1
cg25447873	0.0549965	0.388724	-2.57252	0.0125935	0.259951	-3.84687	0.0639547	2.46983	2.46983	0.190686	0.547868	-1.82526	4.7903	14.3064	2.6547	1
cg02747950	0.0724428	1.97655	1.97655	0.00601959	3.38676	3.38676	0.031918	2.35041	2.35041	0.280872	0.683182	-1.46374	3.80499	6.96292	1.62662	1
cg15428304	0.0445822	0.585215	-1.70877	0.00728553	0.447529	-2.23449	0.721056	1.08686	1.08686	0.0507578	1.67709	1.67709	3.48215	2.97636	0.759776	1
cg14376033	0.129567	0.629474	-1.58863	0.804759	1.07251	1.07251	0.647059	1.13916	1.13916	0.910791	0.968819	-1.03218	3.45575	4.37227	1.12464	1
cg10430126	0.257977	1.26149	1.26149	0.0992262	0.700716	-1.42711	0.976811	1.00574	1.00574	0.419387	1.17629	1.17629	9.93649	6.09462	0.545207	1
cg14621531	0.058566	0.515088	-1.94142	0.196207	0.654231	-1.52851	0.269917	0.700004	-1.42856	0.807676	1.07866	1.07866	4.69077	7.16087	1.35697	1
cg04626105	0.0187286	0.295537	-3.38367	0.00919726	0.242942	-4.11622	0.151297	0.517932	-1.93076	0.0146212	0.276258	-3.6198	4.12003	11.9458	2.57728	1
cg05065576	0.344457	1.3054	1.3054	7.48E-05	0.139728	-7.15678	0.489638	1.21176	1.21176	0.562707	0.852006	-1.1737	12.5306	14.8643	1.05444	1
cg01473525	0.313845	0.73941	-1.35243	0.000424358	0.19831	-5.04262	0.109851	0.603417	-1.65723	0.0740902	0.561641	-1.7805	5.1252	6.81858	1.18258	1
cg04598760	0.879026	0.946377	-1.05666	0.00582472	0.27072	-3.69385	0.234167	1.57035	1.57035	0.683887	0.862316	-1.15967	3.67664	7.6249	1.84345	1
cg10846922	0.0895938	0.65739	-1.52117	0.000149674	0.232293	-4.30491	0.69208	0.914645	-1.09332	0.000131249	0.225894	-4.42685	15.3857	12.2417	0.707248	1
cg15453943	0.765723	1.04358	1.04358	0.000399117	2.23504	2.23504	0.0132687	1.54969	1.54969	0.00065395	0.474413	-2.10787	14.7576	4.76223	0.286842	1
cg21495675	0.00178308	0.288091	-3.47113	0.36588	1.29691	1.29691	0.0285186	0.485169	-2.06114	0.000445295	0.212069	-4.71544	12.4097	13.6823	1.10255	1
cg27639644	0.322184	0.740337	-1.35074	0.031875	2.09459	2.09459	0.611714	0.860281	-1.16241	0.00579108	0.345518	-2.8942	3.38917	4.63909	1.21671	1
cg05886952	1.06E-05	0.0591403	-16.9089	0.0011396	0.237436	-4.21166	0.510089	1.22235	1.22235	0.000291469	0.169515	-5.89919	18.7168	26.767	1.27121	1
cg03363466	0.454145	1.16829	1.16829	0.000795236	0.355717	-2.81123	0.655659	0.912508	-1.09588	0.0410221	1.61774	1.61774	6.56965	4.33013	0.585877	1
cg01223422	0.0431127	0.784076	-1.27539	0.0965174	0.826352	-1.21014	0.0794226	1.22571	1.22571	0.104215	0.830546	-1.20403	5.31043	0.918971	0.153822	1
cg00358695	0.793079	1.18949	1.18949	0.584747	0.694725	-1.43942	0.323307	0.509996	-1.9608	0.686923	0.765343	-1.3066	3.89436	26.8713	6.13339	1
cg02414034	0.635903	1.12556	1.12556	0.584269	1.14688	1.14688	4.29E-07	35.044	35.044	0.484064	0.838302	-1.19289	25.7343	25.0709	0.865974	1
cg09394600	0.0609959	0.807812	-1.23791	0.0790032	1.2179	1.2179	0.364716	1.09871	1.09871	0.197761	0.871447	-1.14752	7.09116	1.14735	0.143822	1
cg27093376	0.936246	1.02229	1.02229	0.647854	0.880971	-1.13511	0.850117	0.949201	-1.05352	0.0996816	0.608199	-1.6442	5.16671	6.21467	1.06918	1
cg01774335	0.204448	0.597582	-1.67341	0.00543055	0.244976	-4.08203	0.731795	1.14143	1.14143	0.171992	0.571781	-1.74892	3.93632	9.21597	2.08112	1
cg17547812	0.000128979	0.180074	-5.55328	0.0880897	1.56565	1.56565	?	?	?	0.409334	0.819877	-1.21969	11.6088	7.70149	0.663421	1
cg14640386	0.577754	0.950206	-1.0524	0.431222	1.0757	1.0757	0.859377	0.984022	-1.01624	0.316827	1.09855	1.09855	5.43611	0.710271	0.11614	1
cg00134812	0.223815	0.821723	-1.21695	0.000575916	0.441069	-2.26722	0.734184	1.05376	1.05376	0.0646913	1.37548	1.37548	12.6413	4.72607	0.332319	1
cg16444294	0.73978	0.943832	-1.05951	0.0627525	1.43783	1.43783	0.54628	0.899523	-1.1117	0.42645	0.868639	-1.15123	9.97996	4.75375	0.423404	1
cg08892952	0.000240953	0.361492	-2.76631	0.0257078	1.55851	1.55851	0.118118	0.752626	-1.32868	0.11015	0.74705	-1.3386	7.61261	3.38207	0.394909	1
cg00219653	0.126246	0.609446	-1.64084	0.0739631	0.550927	-1.81512	0.605561	1.16876	1.16876	0.0493437	0.510935	-1.9572	6.97902	9.90454	1.2615	1
cg05029638	0.000823312	0.592268	-1.68843	0.00941588	0.710249	-1.40796	0.882583	1.01548	1.01548	0.0114663	0.719791	-1.38929	6.97346	1.19331	0.152108	1
cg06002947	0.164838	0.846623	-1.18116	0.292756	0.884578	-1.13048	0.061867	0.789562	-1.26652	0.0148912	1.40007	1.40007	4.09938	0.819739	0.177748	1
cg03726236	0.208211	0.707588	-1.41325	0.024144	0.496128	-2.01561	0.73754	0.916057	-1.09164	0.770501	1.07924	1.07924	3.55597	3.8273	0.956713	1
cg07522190	0.810653	0.887117	-1.12725	0.00228286	0.118975	-8.40513	0.955267	1.02839	1.02839	0.05636	0.340181	-2.93961	3.38939	13.3686	3.506	1
cg14222630	0.972571	1.01505	1.01505	0.123823	0.484672	-2.06325	0.828999	0.910286	-1.09856	0.0338325	0.340694	-2.93518	7.85957	23.5071	2.65856	1
cg26753512	0.14926	0.712615	-1.40328	0.000356559	0.284906	-3.50993	0.618294	0.895784	-1.11634	0.215326	1.33074	1.33074	6.86259	5.21714	0.675758	1
cg14461511	0.547728	0.896936	-1.11491	0.239088	1.24663	1.24663	0.454384	1.14597	1.14597	0.196772	0.783477	-1.27636	3.60716	1.82641	0.45007	1
cg13731108	1.84E-05	0.222438	-4.49563	1.34E-06	0.118985	-8.40442	0.195931	0.790187	-1.26552	2.16E-05	0.229771	-4.35216	42.6355	20.021	0.417409	1
ch.9.1976398F	0.0381376	0.6329	-1.58003	0.00121081	0.405794	-2.46431	0.0391872	0.634936	-1.57496	0.668307	0.921231	-1.0855	16.5095	9.47308	0.510042	1
cg15209169	0.186795	0.773214	-1.2933	0.000605604	0.378459	-2.64229	0.586016	0.903864	-1.10636	0.490826	0.8793	-1.13727	8.26149	4.42008	0.475576	1
cg14877741	0.0020595	0.767294	-1.30328	0.264035	1.07363	1.07363	0.0333129	1.16391	1.16391	0.0110723	1.21459	1.21459	6.29983	0.371523	0.0524209	1
cg06756499	0.140127	0.740986	-1.34955	0.00177501	2.31748	2.31748	0.878375	1.02934	1.02934	0.0195055	0.586733	-1.70435	14.7335	8.32298	0.502135	1
cg02958263	0.804695	1.03085	1.03085	0.403856	1.11042	1.11042	0.654691	0.946294	-1.05675	8.49E-05	2.37784	2.37784	11.5159	2.74241	0.211681	1
cg12475921	0.689304	1.16692	1.16692	0.0071069	0.262954	-3.80295	0.738466	1.13737	1.13737	0.0324485	0.382208	-2.61637	7.87771	18.4093	2.07724	1
cg15579507	0.447423	1.15602	1.15602	0.0128553	1.78327	1.78327	0.80537	1.04731	1.04731	0.624482	1.09678	1.09678	6.82772	3.79133	0.493587	1
cg04867934	0.173436	0.605624	-1.65119	0.0363638	0.430687	-2.32187	0.680916	0.866612	-1.15392	0.124085	0.5618	-1.77999	5.59858	10.6299	1.68772	1
cg06833062	0.00311305	0.577573	-1.73138	0.209058	0.835486	-1.19691	0.728656	1.04841	1.04841	0.138637	1.2416	1.2416	4.60852	1.34494	0.25941	1
cg16016766	0.929655	0.983109	-1.01718	0.113874	1.39357	1.39357	0.987358	0.996948	-1.00306	0.0162255	0.567079	-1.76342	4.42696	2.61001	0.524063	1
cg15834338	0.660954	1.1105	1.1105	0.228252	1.35028	1.35028	0.426739	1.21253	1.21253	0.192065	1.38807	1.38807	3.98466	3.55874	0.793876	1
cg17462438	0.270396	0.737737	-1.3555	0.0580221	0.566707	-1.76458	0.529594	0.844682	-1.18388	0.012401	0.438251	-2.2818	4.24446	4.72257	0.989016	1
cg04858586	0.460025	0.786797	-1.27098	0.466218	0.789488	-1.26664	0.00724768	3.01728	3.01728	0.268524	0.692554	-1.44393	3.58715	5.77309	1.43056	1
cg05702218	0.505737	1.15759	1.15759	0.379606	1.21572	1.21572	0.0151992	1.9083	1.9083	0.923094	0.979291	-1.02115	3.50396	2.60647	0.661213	1
cg03749599	0.0930856	0.878883	-1.13781	0.00398462	1.31062	1.31062	0.598588	1.03782	1.03782	0.000849807	0.704417	-1.41961	12.8274	0.992079	0.0687473	1
cg01881993	0.637878	0.833674	-1.19951	0.00195086	0.186206	-5.3704	0.311366	0.669053	-1.49465	0.0156135	0.320599	-3.11916	5.12894	11.9603	2.07281	1
cg14250274	0.432996	0.909064	-1.10003	0.0396529	1.32774	1.32774	0.168128	1.19127	1.19127	0.0209589	1.39234	1.39234	4.73204	1.06406	0.199879	1
cg22205607	0.0533992	0.453572	-2.20472	0.00355431	0.240892	-4.15124	0.351584	0.707924	-1.41258	0.0559373	0.45831	-2.18193	4.27416	8.78817	1.82766	1
cg13792025	0.0209464	0.452565	-2.20963	0.0416894	0.511684	-1.95433	0.547535	1.18969	1.18969	0.359007	0.764025	-1.30886	3.86149	4.98065	1.14651	1
cg13496515	0.00864104	1.93398	1.93398	0.051429	1.54788	1.54788	0.704327	1.07801	1.07801	0.512344	0.877294	-1.13987	3.75064	2.30556	0.54641	1
cg18884741	0.305229	0.687608	-1.45432	0.359247	0.717094	-1.39452	0.978008	1.00977	1.00977	0.0571669	0.468074	-2.13642	3.4564	6.81267	1.75203	1
cg02091593	0.271632	1.13861	1.13861	2.43E-07	0.173694	-5.75725	0.637612	1.05529	1.05529	0.0286937	1.34008	1.34008	36.4476	7.42764	0.181146	1
cg11176924	0.0573042	0.35922	-2.78381	0.374711	1.5431	1.5431	0.700442	1.20208	1.20208	0.68137	0.82155	-1.21721	5.483	19.6847	3.19123	1
cg11068517	0.0566665	0.57124	-1.75058	0.449127	1.22164	1.22164	0.0129444	0.449025	-2.22705	0.0847422	0.609677	-1.64021	3.90695	4.16858	0.948414	1
cg26180612	0.863686	0.899779	-1.11138	?	?	?	?	?	?	0.917055	1.0661	1.0661	4.6118	14.5862	3.79535	1
cg18376306	0.0800928	0.334801	-2.98685	0.00436799	0.117012	-8.54613	0.0149427	0.185183	-5.40007	0.0836874	0.340027	-2.94095	4.5852	23.0602	4.47046	1
cg22388200	0.00931437	1.84425	1.84425	3.12E-05	0.221552	-4.51362	0.260398	1.24336	1.24336	0.106373	0.720952	-1.38705	23.8199	12.9888	0.484703	1
cg08940984	0.162633	1.13198	1.13198	0.0306871	0.809666	-1.23508	0.174211	1.12774	1.12774	0.187035	0.890199	-1.12334	23.4649	2.57052	0.0973755	1
cg03116424	0.000601477	0.807052	-1.23908	0.643121	1.01908	1.01908	0.000219939	1.28328	1.28328	0.00556592	1.15895	1.15895	14.236	0.36995	0.0230995	1
cg14280660	0.603404	1.1993	1.1993	9.49E-05	0.0897387	-11.1435	0.0242187	0.393906	-2.53868	0.244254	0.655465	-1.52563	7.21274	13.7348	1.69265	1
cg26807261	0.0440737	0.692177	-1.44472	0.763167	1.04923	1.04923	0.639818	1.07784	1.07784	0.488687	1.11836	1.11836	4.45738	1.78551	0.356066	1
cg08534181	0.0943432	0.342199	-2.92228	0.00997151	0.149949	-6.66892	0.384091	0.594283	-1.6827	0.0491541	0.269964	-3.7042	4.4447	23.9353	4.78678	1
cg21208943	0.125151	0.238255	-4.19719	0.0064986	0.047037	-21.2599	0.577895	0.615216	-1.62545	0.0590421	0.15846	-6.31076	4.26658	50.4633	10.5134	1
cg02709178	0.548782	0.877207	-1.13998	0.22349	1.31809	1.31809	0.0391784	0.597288	-1.67423	0.29145	0.789477	-1.26666	4.10206	3.0295	0.656472	1
cg01003724	0.0813659	0.283397	-3.52862	0.014051	0.138212	-7.23524	0.249596	0.45596	-2.19318	0.0238139	0.171955	-5.81547	4.08522	27.5616	5.99703	1
cg01083650	0.447918	1.09012	1.09012	0.0110836	0.70093	-1.42668	0.625278	0.946569	-1.05645	0.777163	1.03216	1.03216	4.05684	0.799692	0.17522	1
cg07494887	0.0181113	0.589896	-1.69522	0.00932913	0.545303	-1.83384	0.0276372	1.61426	1.61426	0.00434896	0.496237	-2.01517	11.2804	6.04173	0.476084	1
cg06221172	0.207866	0.711719	-1.40505	0.00408406	0.372734	-2.68288	0.0257819	0.50763	-1.96994	0.141248	0.666868	-1.49955	3.9492	4.10178	0.923231	1
cg22662321	0.979264	1.00351	1.00351	0.159239	0.816498	-1.22474	0.0396953	1.37784	1.37784	0.0789104	1.30074	1.30074	4.10841	1.1817	0.255672	1
cg13640423	0.821367	0.969548	-1.03141	0.000606267	2.06018	2.06018	0.168908	1.22194	1.22194	0.672125	1.05994	1.05994	11.0518	3.27312	0.263255	1
cg18572650	0.730498	1.06808	1.06808	0.0238324	0.59827	-1.67149	0.134694	1.35961	1.35961	0.0589975	0.666202	-1.50105	4.6791	2.68885	0.5108	1
cg14141775	0.444471	0.80259	-1.24597	0.105954	0.607665	-1.64564	0.501348	0.82488	-1.2123	0.820312	0.937835	-1.06629	3.78144	4.76607	1.12034	1
cg09046813	0.102516	0.670487	-1.49145	0.891914	0.970039	-1.03089	0.00214495	0.381136	-2.62374	0.032435	1.75116	1.75116	9.22479	7.31394	0.704762	1
cg06235224	0.0199322	0.42581	-2.34846	0.000343598	0.173558	-5.76177	0.103682	0.582304	-1.71731	0.0167139	0.411601	-2.42954	7.9539	11.6329	1.30004	1
cg18279670	0.863002	1.04546	1.04546	0.65063	0.889264	-1.12453	0.361865	1.27285	1.27285	0.749598	0.920877	-1.08592	4.5221	4.74569	0.932839	1
cg10861667	0.00722068	0.543002	-1.84161	0.0396964	0.657757	-1.52032	0.00332467	0.494562	-2.02199	2.07E-05	0.220113	-4.54313	22.7146	11.1608	0.436756	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23065101	RABL5;RABL5;RABL5;RABL5	0.00504083	0.0206549	1.34995	1.34995	0.746791	0.965721	-1.0355	0.943246	1.0077	1.0077	0.82756	0.976785	-1.02377	0.532264	0.934157	-1.07048
cg17006315	RABL5;RABL5;RABL5;RABL5	0.00582829	0.423199	1.21238	1.21238	0.00125698	0.329949	-3.03077	0.281392	0.768302	-1.30157	0.669176	0.903758	-1.10649	0.508509	0.853927	-1.17106
cg06833647	RABL5;RABL5;RABL5;RABL5	0.0112561	0.523103	0.900462	-1.11054	0.021993	0.64076	-1.56065	0.00655491	0.564325	-1.77203	0.0183194	1.59012	1.59012	0.490715	0.892786	-1.12009
cg17454234	RABL5;RABL5;RABL5;RABL5	0.0141311	0.694331	1.07999	1.07999	0.371411	1.1958	1.1958	0.0235463	1.69373	1.69373	0.875923	1.03091	1.03091	0.00312061	2.19798	2.19798
cg25731347	RABL5;RABL5;RABL5;RABL5	0.0187541	0.891395	0.985038	-1.01519	0.00810149	0.68789	-1.45372	0.021889	0.738233	-1.35459	0.0170251	0.725391	-1.37857	0.00921551	0.694361	-1.44017
cg26796990	RABL5;RABL5;RABL5;RABL5	0.0221411	0.804084	0.945855	-1.05724	0.0399014	0.587458	-1.70225	0.897757	1.02921	1.02921	0.294817	1.27549	1.27549	0.0297116	0.563787	-1.77372
cg11513856	RABL5;RABL5;RABL5;RABL5	0.047046	0.3374	0.721977	-1.38509	0.0332945	0.44068	-2.26922	0.0721636	0.516319	-1.93679	0.812487	0.924711	-1.08142	0.00969383	0.340311	-2.93849
cg22633390	RABL5;RABL5;RABL5;RABL5;RABL5;RABL5	0.00150386	0.0164693	1.44249	1.44249	0.0665224	1.29335	1.29335	0.470017	1.09624	1.09624	0.372174	1.12136	1.12136	0.000656609	0.520653	-1.92066
cg04630748	RABL5;RABL5;RABL5;RABL5;RABL5;RABL5;RABL5;RABL5	0.0032944	0.167244	1.12513	1.12513	0.0552488	0.840277	-1.19008	0.697435	0.969197	-1.03178	0.20083	1.11427	1.11427	0.673444	1.03453	1.03453
cg18404925	RAC1;RAC1	0.000185726	0.339274	0.744363	-1.34343	0.132921	0.61511	-1.62573	0.289927	0.719478	-1.3899	2.04E-06	33.413	33.413	0.628597	0.864075	-1.15731
cg25819027	RAC1;RAC1	0.00135584	0.0520128	0.693595	-1.44176	0.0218336	0.634142	-1.57693	0.00114206	0.453084	-2.2071	0.575015	0.910503	-1.09829	0.00076585	0.430175	-2.32463
cg24480515	RAC1;RAC1	0.00590526	0.000720344	0.383996	-2.60419	0.970271	1.00696	1.00696	0.782335	0.949792	-1.05286	0.0188062	0.588955	-1.69792	0.157756	0.755072	-1.32438
cg10784837	RAC1;RAC1	0.00946496	0.433717	1.07749	1.07749	0.00736725	1.38079	1.38079	0.990002	0.99883	-1.00117	0.717022	1.03459	1.03459	0.165488	1.1482	1.1482
cg05043952	RAC1;RAC1	0.0133196	0.546882	1.19233	1.19233	0.731352	1.10455	1.10455	0.61421	1.15796	1.15796	0.191704	1.49003	1.49003	0.0604396	1.84211	1.84211
cg01821684	RAC1;RAC1	0.0177352	0.271656	0.560552	-1.78396	0.135028	2.25912	2.25912	0.0981159	0.399416	-2.50366	0.0453583	3.19366	3.19366	0.302814	0.582799	-1.71586
cg22104063	RAC1;RAC1	0.0246571	0.396336	1.32284	1.32284	0.29631	1.41739	1.41739	0.42637	1.29903	1.29903	0.33249	1.37993	1.37993	0.34026	1.37243	1.37243
cg23345340	RAC1;RAC1	0.0352984	0.147026	0.585169	-1.70891	0.0282184	2.44043	2.44043	0.479423	0.780701	-1.2809	0.181503	1.62971	1.62971	0.271204	1.48353	1.48353
cg02971328	RAC1;RAC1	0.0360345	0.326692	0.703354	-1.42176	0.172309	1.65673	1.65673	0.897384	0.95615	-1.04586	0.141256	1.73294	1.73294	0.103858	0.538995	-1.85531
cg06200611	RAC1;RAC1;RAC1;RAC1	0.000421133	0.00706251	1.81965	1.81965	0.0769128	0.713031	-1.40246	0.000470476	0.388716	-2.57258	0.00892064	0.564363	-1.77191	0.0715245	1.41344	1.41344
cg05725797	RAC1;RAC1;RAC1;RAC1	0.0104367	0.0731843	1.36451	1.36451	0.563574	0.913181	-1.09507	0.200428	0.810292	-1.23412	0.189363	0.805532	-1.24142	0.21366	1.2259	1.2259
cg10451401	RAC1;RAC1;RAC1;RAC1	0.042952	0.402519	0.935045	-1.06947	0.484632	1.05725	1.05725	0.306358	0.920334	-1.08656	0.454304	0.942001	-1.06157	0.021052	1.24301	1.24301
cg14072120	RAC2	0.00423994	0.013725	2.73001	2.73001	0.00392507	3.59388	3.59388	0.799221	1.08763	1.08763	0.500046	1.25311	1.25311	0.0053518	3.35025	3.35025
cg14891022	RAC2	0.0171435	0.00841435	0.196608	-5.08625	0.260937	0.567423	-1.76235	0.114636	0.43637	-2.29163	0.0130934	0.225974	-4.42528	0.0899963	0.405292	-2.46736
cg06225154	RAC2	0.0357731	0.103525	2.30819	2.30819	0.00443465	5.95233	5.95233	0.646561	0.805005	-1.24223	0.293113	0.599071	-1.66925	0.0773729	2.51531	2.51531
cg22643740	RAC2	0.0416395	0.0711153	0.487912	-2.04955	0.486141	0.777322	-1.28647	0.0436691	0.438009	-2.28306	0.070118	0.486385	-2.05598	0.00961022	0.311333	-3.212
cg18265887	RAC2;RAC2	0.00410994	0.0383994	2.33112	2.33112	0.000812377	5.93876	5.93876	0.473306	0.77313	-1.29344	0.970053	1.01333	1.01333	0.886279	0.950769	-1.05178
cg01956865	RAC3	0.000215036	0.0144919	0.756482	-1.32191	0.557843	0.94657	-1.05645	0.127107	0.858248	-1.16516	0.000249869	0.571302	-1.75039	0.0327955	1.26031	1.26031
cg16093752	RAC3	0.000672837	0.0209337	2.14954	2.14954	1.07E-05	0.075076	-13.3198	0.880161	1.04243	1.04243	0.770614	0.922634	-1.08385	0.234739	0.70962	-1.40921
cg05206183	RAC3	0.0112707	0.362059	0.788317	-1.26853	0.0144058	0.464985	-2.15061	0.0761448	0.605915	-1.6504	0.745382	1.08624	1.08624	0.00107929	0.293609	-3.40589
cg17787710	RAC3	0.0482776	0.277164	0.875192	-1.14261	0.344706	0.891545	-1.12165	0.304888	0.882212	-1.13351	0.0132721	0.696308	-1.43615	0.361063	0.895166	-1.11711
cg10092374	RAC3;LRRC45	0.0470414	0.030313	0.535448	-1.86759	0.0624471	1.67266	1.67266	0.0297217	1.87324	1.87324	0.370241	0.797938	-1.25323	0.379283	0.8015	-1.24766
cg09631044	RACGAP1;RACGAP1;RACGAP1	0.00112724	?	?	?	0.313389	1.11853	1.11853	0.140402	1.18701	1.18701	0.0014485	1.68673	1.68673	0.0992759	1.21641	1.21641
cg23517124	RACGAP1;RACGAP1;RACGAP1	0.00143301	0.0573064	0.644936	-1.55054	0.00296476	0.435241	-2.29758	0.681705	1.08775	1.08775	0.000364446	0.311895	-3.2062	0.281176	1.25667	1.25667
cg16210078	RACGAP1;RACGAP1;RACGAP1	0.0101338	0.00545312	0.283145	-3.53175	0.728158	0.886528	-1.128	0.730986	0.887694	-1.12651	0.714137	0.880744	-1.1354	0.00112549	0.191104	-5.23275
cg16935670	RACGAP1;RACGAP1;RACGAP1;RACGAP1;RACGAP1;RACGAP1	0.0240451	0.32262	0.75984	-1.31607	0.998031	0.999337	-1.00066	0.254004	1.37741	1.37741	0.591807	1.15663	1.15663	0.0252661	0.489137	-2.04442
cg24098867	RACGAP1P	7.45E-06	0.0889198	0.782942	-1.27723	0.0189874	0.690448	-1.44834	2.04E-05	0.325327	-3.07383	0.56279	0.926532	-1.07929	7.38E-07	0.174968	-5.71532
cg13557129	RACGAP1P	0.00955857	0.088937	0.802039	-1.24682	0.000645026	0.540343	-1.85068	0.206633	0.855034	-1.16954	0.01675	0.709415	-1.40961	0.325229	0.887414	-1.12687
cg12124911	RACGAP1P	0.0106129	0.15756	0.770901	-1.29718	0.000486848	2.56312	2.56312	0.00811566	1.79238	1.79238	0.576265	1.10209	1.10209	0.712633	0.938293	-1.06577
cg05522848	RAD17;MARVELD2;RAD17;RAD17;RAD17;RAD17;RAD17;MARVELD2;RAD17;RAD17	0.0235824	0.175611	1.21125	1.21125	0.331334	0.875133	-1.14268	0.238339	1.17863	1.17863	0.0619783	0.756029	-1.3227	0.323453	0.873094	-1.14535
cg02594687	RAD17;RAD17;TAF9;RAD17;TAF9;RAD17;RAD17;RAD17;RAD17;TAF9;RAD17;TAF9	0.0199114	0.484036	0.923838	-1.08244	0.713922	0.959818	-1.04186	0.0546482	1.27483	1.27483	0.0180777	0.726272	-1.3769	0.0479527	0.777362	-1.2864
cg07546770	RAD17;TAF9;TAF9;RAD17;TAF9;TAF9;TAF9;RAD17;RAD17;TAF9;RAD17;RAD17;RAD17	0.00215269	0.238522	0.898451	-1.11303	0.0523754	0.825828	-1.21091	0.276743	0.906534	-1.1031	0.19237	0.887201	-1.12714	0.0443583	0.818472	-1.22179
cg16271912	RAD17;TAF9;TAF9;RAD17;TAF9;TAF9;TAF9;RAD17;RAD17;TAF9;RAD17;RAD17;RAD17	0.00573119	?	?	?	0.53773	1.30726	1.30726	0.733503	0.863912	-1.15753	?	?	?	?	?	?
cg26072457	RAD17;TAF9;TAF9;RAD17;TAF9;TAF9;TAF9;RAD17;RAD17;TAF9;RAD17;RAD17;RAD17	0.0102018	0.967871	1.003	1.003	0.189982	1.10891	1.10891	0.329688	0.927821	-1.07779	0.143315	0.889467	-1.12427	0.0732862	1.16038	1.16038
cg05503799	RAD18	6.36E-06	3.03E-06	0.363141	-2.75375	1.90E-06	0.340673	-2.93537	0.897585	1.01181	1.01181	0.000261114	1.72833	1.72833	0.701364	1.03574	1.03574
cg23736989	RAD18	9.09E-05	4.23E-05	0.512305	-1.95196	0.204452	0.891363	-1.12188	0.000335741	0.608569	-1.6432	0.232412	1.11355	1.11355	1.86E-05	0.472857	-2.11481
cg21877238	RAD18	0.00462148	0.0213203	0.78074	-1.28084	0.491774	1.06445	1.06445	0.00346369	0.701174	-1.42618	0.0149895	0.765275	-1.30672	0.00403859	0.707923	-1.41258
cg26640549	RAD18	0.00669628	0.92074	1.0154	1.0154	0.000170339	0.374754	-2.66841	0.21031	0.816517	-1.22471	0.00694218	0.58486	-1.70981	0.220726	1.21858	1.21858
cg14768899	RAD18	0.00776299	0.265075	0.745746	-1.34094	0.0738851	0.604598	-1.65399	0.00488564	0.389752	-2.56573	0.498352	0.840618	-1.1896	0.000587878	0.261472	-3.8245
cg04765422	RAD18	0.0276571	0.802562	0.970115	-1.03081	0.0088735	0.668083	-1.49682	0.764933	1.03698	1.03698	0.217258	0.854521	-1.17025	0.182101	1.1871	1.1871
cg03287469	RAD18	0.0430429	0.0404246	0.0732306	-13.6555	0.230282	0.249088	-4.01465	0.0892416	0.126239	-7.9215	0.365204	0.357901	-2.79407	0.00832095	0.0241163	-41.4658
cg22371859	RAD18	0.048088	0.310712	0.778916	-1.28384	0.974164	1.00774	1.00774	0.0127292	2.09049	2.09049	0.124637	1.4859	1.4859	0.613914	0.885876	-1.12883
cg13529619	RAD18;RAD18	0.00637897	0.202346	1.49733	1.49733	0.138139	1.61414	1.61414	0.332104	1.34997	1.34997	0.000254361	0.164065	-6.09514	0.583435	0.846971	-1.18068
cg18663874	RAD1;BRIX1;RAD1	0.0334888	0.0200164	0.674087	-1.48349	0.0668663	1.33465	1.33465	0.801067	0.965146	-1.03611	0.0793943	0.760626	-1.31471	0.151477	1.24104	1.24104
cg24018765	RAD1;BRIX1;RAD1	0.0419853	0.0310966	0.480311	-2.08198	0.136044	0.627805	-1.59285	0.518616	0.827255	-1.20882	0.113548	0.607129	-1.6471	0.00907826	0.382567	-2.61392
cg01059704	RAD1;RAD1;BRIX1	0.00946244	0.0140214	0.242252	-4.12794	0.00143815	0.116075	-8.61509	0.125305	0.460506	-2.17152	0.301177	0.606114	-1.64985	0.0150748	0.247563	-4.03938
cg01957384	RAD21	0.000109109	0.332255	0.779661	-1.28261	2.23E-06	0.0561792	-17.8002	?	?	?	0.0886522	0.626665	-1.59575	0.00864796	0.434767	-2.30008
cg05577278	RAD21	0.0302286	0.0145992	0.595502	-1.67925	0.0933573	1.37451	1.37451	0.262326	0.817557	-1.22316	0.384994	0.857694	-1.16592	0.867923	0.971722	-1.0291
cg25623468	RAD21;RAD21	0.0313333	0.138223	1.48129	1.48129	0.0136851	0.472093	-2.11823	0.667895	1.1121	1.1121	0.0587627	0.59125	-1.69133	0.215835	0.725669	-1.37804
cg15575222	RAD21L1	0.000438047	0.027256	0.629279	-1.58912	0.00168731	2.21577	2.21577	0.00132574	2.28815	2.28815	0.0146375	1.70382	1.70382	0.590167	1.10119	1.10119
cg26049744	RAD21L1	0.000629107	0.673851	0.919281	-1.08781	0.588061	1.11487	1.11487	0.556853	0.888567	-1.12541	0.481155	1.153	1.153	0.0949901	1.44022	1.44022
cg27346545	RAD21L1	0.00336177	0.0272691	0.249154	-4.01358	0.00366847	0.123724	-8.0825	0.0149738	0.203675	-4.90979	0.05188	0.30828	-3.2438	0.00379121	0.125244	-7.98442
cg07683873	RAD21L1	0.0269764	0.834298	1.02631	1.02631	0.341769	1.12913	1.12913	0.176012	1.19527	1.19527	0.387622	1.11604	1.11604	0.111966	1.23936	1.23936
cg00435238	RAD21L1	0.0444791	0.498603	1.4611	1.4611	0.511161	0.69222	-1.44463	0.459245	0.65971	-1.51582	0.782107	0.858098	-1.16537	0.00133492	0.0761977	-13.1238
cg04285130	RAD21L1	0.0477787	0.930829	1.00622	1.00622	0.183593	0.904082	-1.10609	0.172603	0.901453	-1.10932	0.187564	0.904999	-1.10497	0.0482276	0.850996	-1.17509
cg23260573	RAD23A	0.00304452	0.696583	0.942299	-1.06123	0.00660835	0.585797	-1.70708	0.285188	0.84505	-1.18336	0.129022	1.28247	1.28247	0.87008	1.02514	1.02514
cg22984992	RAD23A	0.00514087	0.0185368	0.434347	-2.30231	0.128171	0.6186	-1.61655	0.292008	0.726663	-1.37615	0.974813	0.990822	-1.00926	0.00179329	0.273225	-3.65999
cg11913104	RAD23A;RAD23A	0.0347185	0.338481	1.14424	1.14424	0.168825	1.22167	1.22167	0.197095	1.20469	1.20469	0.899585	1.01739	1.01739	0.222201	0.83929	-1.19148
cg13663912	RAD23B	0.0178527	0.0119646	0.582408	-1.71701	0.0839158	1.3906	1.3906	0.405065	1.1582	1.1582	0.00185443	0.466892	-2.14182	0.0240256	0.628715	-1.59055
cg22968991	RAD23B	0.0286044	0.111189	0.825391	-1.21155	0.0101472	1.43133	1.43133	0.226644	1.15072	1.15072	0.514994	1.07574	1.07574	0.135738	1.19459	1.19459
cg13849495	RAD23B	0.0459037	0.0964161	1.22576	1.22576	0.315746	0.890761	-1.12264	0.0595145	1.26768	1.26768	0.804858	0.972771	-1.02799	0.179801	1.17219	1.17219
cg14325160	RAD23B;RAD23B	0.0095113	0.691875	0.961219	-1.04035	0.0799332	1.2128	1.2128	0.0889154	1.20479	1.20479	0.955811	1.00552	1.00552	0.108568	1.18982	1.18982
cg17991919	RAD50;RAD50	9.64E-07	0.0223131	0.723611	-1.38196	0.154293	1.1974	1.1974	0.000184655	0.474123	-2.10916	0.00312262	1.61199	1.61199	3.87E-08	0.0997701	-10.023
cg12886812	RAD50;RAD50	0.000207662	0.000441576	0.671342	-1.48955	0.83715	1.01489	1.01489	0.407855	1.06268	1.06268	0.00103345	0.70535	-1.41774	0.000166224	0.630872	-1.58511
cg04689890	RAD50;RAD50	0.00703174	0.179401	0.601864	-1.66151	0.00722119	0.291048	-3.43586	0.212948	0.626886	-1.59519	0.208246	1.60375	1.60375	0.798187	0.912815	-1.09551
cg05198819	RAD50;RAD50	0.0197258	0.735312	0.918741	-1.08845	0.0594435	1.70133	1.70133	0.266893	1.33497	1.33497	0.00648675	2.4201	2.4201	0.00517535	0.397751	-2.51414
cg13652314	RAD50;RAD50;RAD50	0.0349836	0.841584	1.03883	1.03883	0.124573	0.728692	-1.37232	0.0438428	0.643421	-1.55419	0.486716	1.14398	1.14398	0.209516	0.777437	-1.28628
cg07691761	RAD50;RAD50;RAD50;RAD50	0.00215268	0.0393431	0.603323	-1.65749	0.0190736	0.548039	-1.82469	0.457538	0.85184	-1.17393	0.00957516	0.4989	-2.00441	0.00920878	0.496204	-2.0153
cg06043109	RAD51;RAD51;RAD51;RAD51	0.00318216	0.0050589	0.663539	-1.50707	0.839655	1.02267	1.02267	0.00844596	1.45084	1.45084	0.0140392	0.714921	-1.39876	0.154588	1.18365	1.18365
cg08032884	RAD51;RAD51;RAD51;RAD51	0.0116122	0.1218	1.37657	1.37657	0.219849	0.782051	-1.27869	0.00112731	0.401168	-2.49272	0.108693	1.3957	1.3957	0.122657	1.3754	1.3754
cg21465754	RAD51;RAD51;RAD51;RAD51	0.0423691	0.225342	0.858926	-1.16424	0.702519	1.04689	1.04689	0.00710832	1.5148	1.5148	0.590627	0.937205	-1.067	0.39765	1.10897	1.10897
cg13943052	RAD51;RAD51;RAD51;RAD51	0.047044	0.170118	0.842799	-1.18652	0.000956328	0.562123	-1.77897	0.843427	1.02342	1.02342	0.271634	0.874631	-1.14334	0.947093	1.0078	1.0078
cg00499859	RAD51;RAD51;RAD51;RAD51;RAD51;RAD51;RAD51	0.00031383	2.56E-06	0.0105401	-94.8759	0.248323	0.616614	-1.62176	0.0991318	0.484656	-2.06332	0.164911	0.552358	-1.81042	0.0301939	0.360174	-2.77644
cg16512727	RAD51AP1;C12orf4;RAD51AP1	0.00482831	0.0152161	0.392137	-2.55013	0.000625856	0.191725	-5.21582	0.0846593	0.54943	-1.82007	0.633369	1.16289	1.16289	0.00502425	0.311778	-3.20741
cg09367970	RAD51AP1;C12orf4;RAD51AP1	0.00701319	0.987148	1.00173	1.00173	0.0573077	1.25934	1.25934	0.86765	0.982274	-1.01805	0.361325	0.904274	-1.10586	0.000965851	1.69362	1.69362
cg02140508	RAD51AP1;RAD51AP1	0.000290928	5.27E-05	0.0885689	-11.2906	9.22E-05	0.106406	-9.39795	0.00374546	0.284775	-3.51154	0.311873	0.714804	-1.39899	0.00017011	0.128523	-7.78073
cg14552441	RAD51AP1;RAD51AP1	0.00731233	0.00668592	0.18727	-5.33989	0.924662	1.04607	1.04607	0.0750155	0.389045	-2.57039	0.379921	0.651243	-1.53552	0.00695755	0.189658	-5.27264
cg03795874	RAD51AP1;RAD51AP1;RAD51AP1;RAD51AP1;C12orf4	0.00111127	0.531945	0.924973	-1.08111	0.296785	0.875241	-1.14254	0.842886	1.02475	1.02475	0.403205	0.899986	-1.11113	1.59E-05	0.333831	-2.99553
cg25261329	RAD51AP1;RAD51AP1;RAD51AP1;RAD51AP1;C12orf4	0.0153654	0.497867	0.950621	-1.05194	0.000876209	1.44366	1.44366	0.013681	1.25154	1.25154	0.686172	0.970552	-1.03034	0.118905	1.13264	1.13264
cg04804377	RAD51AP2	8.28E-08	0.00444649	0.764747	-1.30762	0.00604062	1.28848	1.28848	0.00017633	1.56747	1.56747	0.541537	1.04464	1.04464	0.000414733	0.673076	-1.48572
cg21642176	RAD51AP2	8.24E-05	0.973735	0.992516	-1.00754	0.226745	0.748567	-1.33589	0.369268	1.23418	1.23418	0.997464	0.999275	-1.00073	0.986362	1.00391	1.00391
cg07709606	RAD51AP2	9.07E-05	0.00020338	0.298129	-3.35425	0.000296327	0.318288	-3.14181	0.145764	0.738256	-1.35454	0.629216	1.09915	1.09915	8.02E-05	0.250679	-3.98916
cg23101885	RAD51AP2	0.00177526	0.000700863	0.157803	-6.33702	0.0211763	0.371531	-2.69157	0.00210748	0.213334	-4.68748	0.0249574	0.385503	-2.59402	0.000405254	0.134201	-7.45148
cg07512734	RAD51AP2	0.00196823	0.306904	0.824928	-1.21223	0.126705	1.35064	1.35064	0.865858	0.969706	-1.03124	0.354843	0.840981	-1.18909	0.679434	1.07854	1.07854
cg10167837	RAD51AP2	0.0060586	0.668892	1.16113	1.16113	0.454452	1.30289	1.30289	0.334196	1.41322	1.41322	0.917515	0.964666	-1.03663	0.522954	1.2521	1.2521
cg15124757	RAD51AP2	0.0251423	0.1768	0.641708	-1.55834	0.161232	1.58774	1.58774	0.326301	1.36771	1.36771	0.334527	1.36005	1.36005	0.0237978	0.43449	-2.30155
cg16540183	RAD51AP2	0.0269071	0.553681	0.912446	-1.09596	0.00520515	0.568976	-1.75754	0.829854	0.967623	-1.03346	0.00373458	0.549417	-1.82011	0.849905	0.971442	-1.0294
cg03002352	RAD51AP2;RAD51AP2	0.00182173	0.50718	0.840799	-1.18934	0.873507	1.04191	1.04191	0.839924	1.0535	1.0535	0.475818	0.829568	-1.20545	0.72141	1.09666	1.09666
cg13717532	RAD51L1	7.31E-05	0.237869	0.886271	-1.12832	0.000843933	0.612539	-1.63255	0.00199336	1.53144	1.53144	0.000973122	0.619278	-1.61478	0.145626	0.858503	-1.16482
cg23526087	RAD51L1	0.000225347	0.196994	0.842806	-1.18651	0.139929	1.22034	1.22034	0.0168389	1.44148	1.44148	0.0288631	1.38141	1.38141	0.000956593	0.539563	-1.85335
cg18205933	RAD51L1	0.000629677	0.00261513	0.442243	-2.2612	0.000269139	0.310376	-3.2219	0.0291678	0.604613	-1.65395	0.00680226	1.98667	1.98667	0.346567	0.827169	-1.20894
cg13075942	RAD51L1	0.00194043	0.00362744	0.20768	-4.81511	0.000718047	0.127992	-7.813	0.0560762	0.421461	-2.3727	0.0521267	0.413896	-2.41606	0.000155322	0.0752712	-13.2853
cg02134347	RAD51L1	0.00249055	0.0466096	0.717455	-1.39382	0.00210519	1.87801	1.87801	0.00363984	1.77401	1.77401	0.0659906	0.740402	-1.35062	0.00373438	1.76939	1.76939
cg10418626	RAD51L1	0.0092846	0.490926	0.809237	-1.23573	0.0216541	0.434262	-2.30276	0.0359381	2.0922	2.0922	0.0787757	1.805	1.805	0.204704	0.667077	-1.49908
cg16014060	RAD51L1	0.0111371	?	?	?	0.0231131	0.423554	-2.36097	0.156454	0.619131	-1.61517	0.0232615	0.424094	-2.35797	0.000610388	0.188248	-5.31214
cg04147497	RAD51L1	0.0155931	0.335262	0.790315	-1.26532	0.0177473	0.505215	-1.97936	0.0343245	1.79441	1.79441	0.0108011	2.13463	2.13463	0.776636	1.06968	1.06968
cg12199198	RAD51L1	0.0183994	0.808102	1.02677	1.02677	0.888405	1.01536	1.01536	0.0160266	0.726084	-1.37725	0.128196	0.836474	-1.19549	0.17571	0.855271	-1.16922
cg16440331	RAD51L1	0.028083	0.430504	0.856083	-1.16811	0.0263367	0.601278	-1.66313	0.284151	0.806651	-1.23969	0.0119693	0.545817	-1.83212	0.00389919	0.472173	-2.11787
cg11064738	RAD51L1	0.0296589	0.0521391	0.418077	-2.3919	0.0940317	0.483435	-2.06853	0.0458048	0.405012	-2.46906	0.193288	1.72197	1.72197	0.00158606	0.166968	-5.98917
cg13680965	RAD51L1;RAD51L1	0.0353321	0.28227	1.29876	1.29876	0.00615879	0.433436	-2.30714	0.027465	0.543268	-1.84071	0.866774	1.04006	1.04006	0.0160052	0.501631	-1.9935
cg19578161	RAD51L1;RAD51L1;RAD51L1	1.23E-06	1.42E-07	0.304727	-3.28163	3.15E-06	0.451448	-2.2151	5.73E-06	0.479664	-2.08479	0.00283861	0.744138	-1.34384	4.08E-07	0.354194	-2.82331
cg18825221	RAD51L1;RAD51L1;RAD51L1	8.73E-05	0.0221436	0.658938	-1.51759	4.60E-05	0.310157	-3.22417	0.00177697	0.508345	-1.96717	0.000203664	0.387931	-2.57778	1.87E-05	0.265937	-3.76029
cg18403754	RAD51L1;RAD51L1;RAD51L1	0.000104525	0.00425605	0.46821	-2.13579	4.41E-06	0.122704	-8.1497	0.00428394	0.468629	-2.13388	0.00670025	0.497751	-2.00903	0.0125356	0.540068	-1.85162
cg13710790	RAD51L1;RAD51L1;RAD51L1	0.000108183	0.0960133	0.690734	-1.44774	0.0071291	0.494878	-2.0207	0.0863485	0.681474	-1.46741	0.400279	0.840065	-1.19038	1.02E-06	0.074768	-13.3747
cg00715197	RAD51L1;RAD51L1;RAD51L1	0.000245996	0.000140937	0.0944687	-10.5855	6.15E-05	0.070331	-14.2185	0.00139627	0.189599	-5.27429	0.059831	0.466414	-2.14402	0.000473861	0.139242	-7.18175
cg25603108	RAD51L1;RAD51L1;RAD51L1	0.000450841	0.00528351	0.454062	-2.20234	0.107098	0.685447	-1.4589	0.0549447	0.626673	-1.59573	0.0112695	0.505812	-1.97702	0.000955357	0.347562	-2.87718
cg26298914	RAD51L1;RAD51L1;RAD51L1	0.000731342	0.425822	0.857731	-1.16587	0.000656507	0.373342	-2.67851	0.000138644	0.288593	-3.46509	0.00250175	0.452682	-2.20906	0.00965007	0.538948	-1.85547
cg16217297	RAD51L1;RAD51L1;RAD51L1	0.00129573	0.000245756	0.0400542	-24.9662	0.0011548	0.0791707	-12.6309	0.912472	0.943269	-1.06014	0.72323	1.20789	1.20789	0.00172315	0.0929698	-10.7562
cg11724735	RAD51L1;RAD51L1;RAD51L1	0.00131921	0.00889641	0.45765	-2.18508	0.0181819	0.509982	-1.96085	0.00687364	0.439644	-2.27457	0.806576	0.944025	-1.05929	0.00131205	0.333452	-2.99893
cg01273994	RAD51L1;RAD51L1;RAD51L1	0.00193238	0.0603835	1.32847	1.32847	0.0701149	1.312	1.312	0.0291283	1.41174	1.41174	0.00196836	1.79787	1.79787	0.000216595	2.2879	2.2879
cg10333051	RAD51L1;RAD51L1;RAD51L1	0.002057	0.237563	0.895453	-1.11675	0.00624961	0.727578	-1.37442	0.690235	1.0364	1.0364	0.0823277	0.84218	-1.18739	0.00174093	0.671353	-1.48953
cg24057218	RAD51L1;RAD51L1;RAD51L1	0.00208149	0.199515	1.36044	1.36044	0.00803078	0.462437	-2.16246	0.0884472	0.652576	-1.53239	0.432165	0.833568	-1.19966	4.26E-05	0.170879	-5.85211
cg01989902	RAD51L1;RAD51L1;RAD51L1	0.00266653	0.196218	1.35727	1.35727	0.00758896	0.464148	-2.15449	0.0942668	0.662859	-1.50862	0.146409	0.705768	-1.4169	0.802444	0.945506	-1.05763
cg01638193	RAD51L1;RAD51L1;RAD51L1	0.00307027	0.168233	1.36725	1.36725	0.000352471	0.294366	-3.39713	0.00562581	0.461064	-2.1689	0.411415	1.19592	1.19592	0.0014781	0.376393	-2.6568
cg04179571	RAD51L1;RAD51L1;RAD51L1	0.00488259	0.802999	0.956282	-1.04572	0.000916234	0.412266	-2.42562	0.0104899	0.562125	-1.77896	0.00240678	0.469513	-2.12987	0.0104245	0.561715	-1.78026
cg02909789	RAD51L1;RAD51L1;RAD51L1	0.0049578	0.00295541	0.220245	-4.54041	0.00898897	0.291786	-3.42717	0.017378	0.34166	-2.92688	0.0395293	0.413608	-2.41775	0.00203783	0.199411	-5.01478
cg07112884	RAD51L1;RAD51L1;RAD51L1	0.00533766	0.027689	0.569266	-1.75665	0.0338978	0.585039	-1.70929	0.864766	1.03759	1.03759	0.192229	0.741728	-1.3482	0.0989341	1.47933	1.47933

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23065101	0.018012	0.733888	-1.36261	0.000162829	0.50022	-1.99912	0.571634	1.06348	1.06348	0.331405	0.89772	-1.11393	7.32039	1.344	0.163197	1
cg17006315	0.000681861	0.294668	-3.39365	0.444414	1.20148	1.20148	0.527276	1.16276	1.16276	0.011355	0.474172	-2.10894	7.00158	6.14623	0.780297	1
cg06833647	0.694693	0.938094	-1.06599	0.00588742	1.79289	1.79289	0.638489	1.07968	1.07968	0.380727	1.1568	1.1568	5.69012	2.36527	0.369493	1
cg17454234	0.538859	1.12888	1.12888	0.00837089	0.518724	-1.92781	0.431151	0.855091	-1.16947	0.0359676	1.60857	1.60857	5.28367	3.17665	0.534419	1
cg25731347	0.106468	1.21471	1.21471	0.737088	1.03788	1.03788	0.409394	0.911103	-1.09757	0.0769503	0.804908	-1.24238	4.80817	0.927222	0.171416	1
cg26796990	0.859954	1.04034	1.04034	0.00432591	2.34947	2.34947	0.0505989	1.64693	1.64693	0.149443	1.41364	1.41364	4.54396	3.60975	0.706138	1
cg11513856	0.328952	0.717581	-1.39357	0.00453774	0.287822	-3.47437	0.242462	0.668363	-1.49619	0.0947205	0.546119	-1.8311	3.46714	5.95748	1.52735	1
cg22633390	0.00780729	1.53254	1.53254	0.0142213	0.685166	-1.4595	0.00204938	1.72139	1.72139	0.591797	0.934567	-1.07001	10.4718	2.5921	0.220027	1
cg04630748	0.000698711	1.51294	1.51294	0.000321404	1.59383	1.59383	0.602401	1.04299	1.04299	0.438134	0.93863	-1.06538	8.32301	0.845358	0.0902834	1
cg18404925	0.745065	1.10273	1.10273	0.315504	0.732654	-1.3649	0.477115	0.805192	-1.24194	0.506971	0.817263	-1.2236	18.7435	26.6703	1.26481	1
cg25819027	0.296444	1.19623	1.19623	0.000379653	0.390783	-2.55896	0.605367	1.0901	1.0901	0.00232879	0.494775	-2.02112	10.7883	4.68047	0.385642	1
cg24480515	0.0388873	0.640981	-1.56011	0.463881	1.14874	1.14874	0.00828225	1.8737	1.8737	0.0721752	0.688488	-1.45246	6.97332	3.82076	0.487033	1
cg10784837	0.0674586	1.21098	1.21098	0.00302082	0.684003	-1.46198	0.624834	0.954998	-1.04712	0.00617315	1.39613	1.39613	6.01527	0.831588	0.122886	1
cg05043952	0.300099	1.3632	1.3632	0.000176294	6.26556	6.26556	0.0610769	1.83865	1.83865	0.222688	1.44735	1.44735	5.38719	7.10335	1.17206	1
cg01821684	0.119967	2.34733	2.34733	0.00626093	0.164981	-6.06129	0.0352962	3.45569	3.45569	0.16544	0.47316	-2.11345	4.89947	19.8544	3.60209	1
cg22104063	0.665055	1.15063	1.15063	0.00160605	4.2951	4.2951	0.00180712	4.17549	4.17549	0.226844	1.50488	1.50488	4.3782	7.19471	1.46072	1
cg23345340	0.0913037	0.527118	-1.89711	0.230675	0.64858	-1.54183	0.00866488	3.16508	3.16508	0.507009	0.793109	-1.26086	3.85526	7.23934	1.66914	1
cg02971328	0.0176808	0.366865	-2.7258	0.0321919	0.418169	-2.39138	0.0395319	2.28747	2.28747	0.379649	0.731098	-1.36781	3.8265	7.31929	1.70026	1
cg06200611	0.00221793	0.478502	-2.08985	0.000113174	0.311677	-3.20845	0.878246	0.973985	-1.02671	0.0120826	0.583881	-1.71268	14.9858	7.01694	0.416213	1
cg05725797	0.215523	0.816472	-1.22478	0.0011231	0.47425	-2.10859	0.334952	1.16727	1.16727	0.00573901	0.569372	-1.75632	5.83023	2.23402	0.340603	1
cg10451401	0.109286	0.872071	-1.1467	0.0207965	0.804014	-1.24376	0.0708925	1.17139	1.17139	0.203864	1.11085	1.11085	3.58734	0.349141	0.0865119	1
cg14072120	0.534226	1.23057	1.23057	0.000315156	6.849	6.849	0.00715889	3.14096	3.14096	0.0469359	2.11614	2.11614	7.71559	13.2742	1.52927	1
cg14891022	0.134986	0.45897	-2.17879	0.00347763	0.147096	-6.7983	0.00410074	0.155491	-6.43123	0.0503734	0.340282	-2.93874	4.95553	18.3325	3.28836	1
cg06225154	0.0733235	2.55529	2.55529	0.0129681	4.25756	4.25756	0.338334	1.58993	1.58993	0.972153	1.01653	1.01653	3.83663	13.4114	3.10721	1
cg22643740	0.197063	0.615429	-1.62488	0.00330164	0.240593	-4.1564	0.205939	0.621928	-1.6079	0.15423	0.58106	-1.72099	3.6289	7.28235	1.78379	1
cg18265887	0.0953167	1.90887	1.90887	0.000306529	7.9097	7.9097	0.0327178	2.41454	2.41454	0.209063	1.5954	1.5954	7.78853	15.3524	1.75214	1
cg01956865	0.00638902	0.719806	-1.38926	0.00414952	1.42763	1.42763	0.000269352	1.73959	1.73959	0.00192022	1.50219	1.50219	18.0133	2.44876	0.120837	1
cg16093752	0.576121	0.855937	-1.16831	0.139557	1.54943	1.54943	0.375289	1.28482	1.28482	0.562514	1.17499	1.17499	13.156	15.8049	1.06787	1
cg05206183	0.0040715	0.3757	-2.6617	0.0143427	0.464653	-2.15214	0.276055	0.750013	-1.33331	0.0772112	0.607253	-1.64676	5.68775	5.80657	0.907458	1
cg17787710	0.0141662	1.42907	1.42907	0.153927	0.835229	-1.19728	0.0585409	0.777184	-1.2867	0.605771	0.940437	-1.06334	3.43348	0.756561	0.195865	1
cg10092374	0.135584	1.48378	1.48378	0.2465	1.34622	1.34622	0.88716	1.03544	1.03544	0.0522466	1.71876	1.71876	3.46726	3.30471	0.847215	1
cg09631044	0.0288081	0.753628	-1.32691	0.000285431	0.502677	-1.98935	0.0439826	1.28772	1.28772	0.0121042	1.41397	1.41397	14.091	2.2183	0.137749	1
cg23517124	0.174352	0.74474	-1.34275	0.05279	0.638263	-1.56675	0.00111606	0.375588	-2.66249	0.0134497	1.86671	1.86671	10.6182	6.99634	0.585689	1
cg16210078	0.195717	0.623567	-1.60368	0.00500776	0.277535	-3.60315	0.341669	1.40241	1.40241	0.0399753	0.440677	-2.26924	5.88553	11.1057	1.67728	1
cg16935670	0.000877993	0.261604	-3.82257	0.255898	0.727008	-1.3755	0.991619	1.00283	1.00283	0.477542	1.21425	1.21425	4.41653	5.05456	1.0173	1
cg24098867	0.219363	0.844973	-1.18347	0.00229585	1.74335	1.74335	0.00275211	0.583447	-1.71395	3.70E-06	0.243769	-4.10225	43.7771	11.7927	0.23945	1
cg13557129	0.467954	1.09072	1.09072	0.0336562	1.33874	1.33874	0.686822	1.04881	1.04881	0.605628	1.06316	1.06316	5.99644	1.31299	0.194633	1
cg12124911	0.661291	1.07886	1.07886	0.18197	1.27623	1.27623	0.736356	0.943481	-1.0599	0.0557079	1.45245	1.45245	5.79899	2.72246	0.417308	1
cg05522848	0.443246	0.9012	-1.10963	0.00358233	1.69043	1.69043	0.225322	0.84412	-1.18467	0.0304283	1.40289	1.40289	4.44631	1.24706	0.249307	1
cg02594687	0.516827	0.929406	-1.07596	0.0116846	0.704002	-1.42045	0.147734	0.84114	-1.18886	0.0268398	1.33924	1.33924	4.71167	0.925851	0.174668	1
cg07546770	0.110988	1.16255	1.16255	0.167336	0.880141	-1.13618	0.000631644	0.634086	-1.57707	0.000624768	1.57829	1.57829	9.4371	1.12452	0.105919	1
cg16271912	0.00260765	0.131973	-7.57733	?	?	?	0.00321384	6.96535	6.96535	0.618047	1.2405	1.2405	10.8781	16.6569	1.83748	1
cg26072457	0.0106078	0.787145	-1.27041	0.000826889	0.687263	-1.45505	0.287816	0.921098	-1.08566	0.26153	1.09112	1.09112	5.87293	0.515917	0.0780858	1
cg05503799	0.0367911	1.24741	1.24741	0.00145008	1.521	1.521	0.186003	1.13632	1.13632	0.000559193	0.613992	-1.62869	45.6183	6.00133	0.116938	1
cg23736989	0.000245597	0.594352	-1.6825	0.20962	1.12026	1.12026	0.00360942	0.712945	-1.40263	0.00923515	0.752937	-1.32813	22.7109	2.65295	0.103835	1
cg21877238	0.884422	0.987073	-1.0131	0.19166	0.883692	-1.13162	0.0317753	0.798402	-1.2525	0.00828728	1.35249	1.35249	7.51668	0.952574	0.112647	1
cg26640549	0.5904	0.919947	-1.08702	0.944808	0.989425	-1.01069	0.680574	1.06563	1.06563	0.578736	0.917481	-1.08994	6.70711	2.50471	0.331947	1
cg14768899	0.0311809	0.527975	-1.89403	0.498914	1.18932	1.18932	0.536547	1.17126	1.17126	0.0110244	0.446909	-2.23759	6.40441	6.47116	0.898154	1
cg04765422	0.00247686	0.600804	-1.66444	0.79076	0.968309	-1.03273	0.34442	1.12518	1.12518	0.541856	1.07765	1.07765	4.20599	0.977001	0.206478	1
cg03287469	0.116057	0.151638	-6.59464	0.00352783	0.0126689	-78.9335	0.270468	0.281634	-3.55071	0.0953747	0.132202	-7.56419	3.58452	69.2398	17.1701	1
cg22371859	0.114267	0.664174	-1.50563	0.149751	0.692209	-1.44465	0.0234335	0.52469	-1.90589	0.738389	1.08312	1.08312	3.43859	3.09018	0.798825	1
cg13529619	0.0751022	0.551888	-1.81196	0.71855	0.897142	-1.11465	0.0141045	0.403083	-2.48082	0.885707	1.04408	1.04408	6.80894	9.69948	1.26624	1
cg18663874	0.625357	0.933192	-1.07159	0.197388	0.825746	-1.21103	0.0908912	0.76974	-1.29914	0.0312106	1.42651	1.42651	3.92923	1.22866	0.277954	1
cg24018765	0.00669532	0.360834	-2.77136	0.048455	0.520282	-1.92203	0.710108	1.11428	1.11428	0.669318	0.882931	-1.13259	3.61779	4.81231	1.18238	1
cg01059704	0.130015	0.465621	-2.14767	0.00240916	0.138679	-7.21091	0.00665702	0.192873	-5.18477	0.228112	0.553628	-1.80627	6.01578	20.813	3.07531	1
cg01957384	0.000239945	0.220327	-4.53872	0.509118	0.846494	-1.18134	0.758263	0.926062	-1.07984	0.77754	0.931945	-1.07302	22.1809	19.3344	0.87167	1
cg05577278	0.00965544	0.568667	-1.7585	0.319817	0.83763	-1.19384	0.991213	1.0019	1.0019	0.0342671	1.53063	1.53063	4.07582	1.91748	0.418179	1
cg25623468	0.0474023	0.572145	-1.74781	0.00744973	0.42813	-2.33574	0.469248	1.19872	1.19872	0.659461	0.896582	-1.11535	4.02405	3.86216	0.853129	1
cg15575222	0.122253	1.34569	1.34569	0.000922298	0.415849	-2.40472	0.0123927	1.73645	1.73645	0.000428905	2.6859	2.6859	14.8237	7.37826	0.442431	1
cg26049744	0.309885	1.23236	1.23236	7.61E-06	0.141496	-7.06731	0.27666	1.25229	1.25229	0.668811	0.917996	-1.08933	13.4055	8.39324	0.556538	1
cg27346545	0.0108983	0.182652	-5.47489	0.000468808	0.0536718	-18.6318	0.00268245	0.109985	-9.09217	0.014448	0.20121	-4.96992	8.27287	37.0756	3.98363	1
cg07683873	0.867591	1.0209	1.0209	0.000829917	0.535803	-1.86636	0.852451	0.97718	-1.02335	0.839295	0.975139	-1.0255	4.24297	1.03299	0.216408	1
cg00435238	0.633347	0.766999	-1.30378	0.0222032	0.220199	-4.54134	0.78924	0.862535	-1.15937	0.177895	0.453728	-2.20396	3.54092	17.0867	4.28934	1
cg04285130	0.00547968	1.29828	1.29828	0.139939	0.892696	-1.1202	0.590702	0.961938	-1.03957	0.757373	1.0224	1.0224	3.44698	0.278876	0.071915	1
cg23260573	0.002086	1.92889	1.92889	0.923122	1.01475	1.01475	0.0816469	1.34001	1.34001	0.000485169	2.29233	2.29233	8.52079	3.1042	0.32383	1
cg22984992	0.336918	0.748907	-1.33528	0.000394496	0.192362	-5.19854	0.0941372	1.71169	1.71169	0.16582	0.649466	-1.53973	7.27656	9.82912	1.2007	1
cg11913104	0.033546	0.712407	-1.40369	0.0150906	0.665091	-1.50355	0.0260364	0.697172	-1.43437	0.209091	1.19819	1.19819	3.87844	1.14558	0.262552	1
cg13663912	0.735135	0.943141	-1.06029	0.48417	0.884641	-1.1304	0.649167	0.924077	-1.08216	0.888163	0.976033	-1.02456	4.88862	2.30125	0.418433	1
cg22968991	0.80129	0.972496	-1.02828	0.399416	1.1001	1.1001	0.0775995	1.24225	1.24225	0.00310309	1.56432	1.56432	4.15636	0.80508	0.172176	1
cg13849495	0.698971	1.04429	1.04429	0.00452729	1.52477	1.52477	0.088247	0.810768	-1.2334	0.754282	1.03564	1.03564	3.49934	0.689274	0.175087	1
cg14325160	0.341861	1.10213	1.10213	0.000315555	0.560144	-1.78525	0.686364	1.04113	1.04113	0.840625	1.02019	1.02019	6.00592	0.93783	0.138801	1
cg17991919	0.00467427	0.641283	-1.55937	8.19E-05	2.31332	2.31332	0.117577	0.818076	-1.22238	5.71E-06	0.298981	-3.34469	74.0119	16.3598	0.196482	1
cg12886812	0.00295051	1.34062	1.34062	0.000138978	0.623289	-1.60439	0.557703	1.0435	1.0435	0.199323	0.907204	-1.10229	18.1848	1.48533	0.0726043	1
cg04689890	0.48088	1.29058	1.29058	0.000200369	0.108355	-9.22891	0.456098	0.763196	-1.31028	0.244118	0.648012	-1.54318	6.60579	13.2609	1.78441	1
cg05198819	0.099261	0.636775	-1.57041	0.624158	0.883961	-1.13127	0.733835	0.918286	-1.08899	0.64025	0.889083	-1.12475	4.72667	4.67013	0.878256	1
cg13652314	0.47299	1.14904	1.14904	0.00235415	0.445868	-2.24282	0.128057	1.36772	1.36772	0.52616	0.884922	-1.13004	3.86779	2.21933	0.510042	1
cg07691761	0.0358774	0.596034	-1.67776	3.96E-05	0.188981	-5.29154	0.0460237	0.615911	-1.62361	0.234925	0.768065	-1.30197	9.43711	6.71499	0.632491	1
cg06043109	0.00103703	0.584167	-1.71184	0.441588	0.916831	-1.09071	0.83503	1.02334	1.02334	0.060221	1.26433	1.26433	8.40944	1.6309	0.172388	1
cg08032884	0.183671	0.76431	-1.30837	0.175064	1.3163	1.3163	0.368202	0.838515	-1.19258	0.0400442	0.636244	-1.57172	5.63314	3.23946	0.511175	1
cg21465754	0.0249116	0.727051	-1.37542	0.0766912	0.790462	-1.26508	0.812861	0.972075	-1.02873	0.241364	1.15773	1.15773	3.6056	0.814455	0.200788	1
cg13943052	0.584405	0.937392	-1.06679	0.424742	1.10012	1.10012	0.357373	0.89512	-1.11717	0.245751	0.867532	-1.1527	3.46719	0.75239	0.192891	1
cg00499859	0.854235	0.928966	-1.07647	0.974245	1.01302	1.01302	0.66776	1.18887	1.18887	0.149642	0.538523	-1.85693	16.2484	41.3084	2.25983	1
cg16512727	0.0243859	0.430684	-2.32189	0.0193581	0.411448	-2.43044	0.00213333	0.257925	-3.87709	0.319075	0.723714	-1.38176	7.41721	11.5845	1.3883	1
cg09367970	0.0102004	0.706559	-1.41531	0.788175	1.0293	1.0293	0.0131767	1.39036	1.39036	0.197267	0.864017	-1.15738	6.61124	1.20401	0.161881	1
cg02140508	0.00209076	0.249189	-4.01301	0.00677994	0.324302	-3.08355	0.016355	0.389883	-2.56487	0.00442886	0.295588	-3.38309	16.5889	27.0589	1.4499	1
cg14552441	0.0187233	0.257537	-3.88294	0.000608305	0.0808277	-12.372	0.972651	0.983809	-1.01646	0.0166501	0.248558	-4.0232	6.52556	23.4313	3.19173	1
cg03795874	0.168305	1.19824	1.19824	0.110546	1.23888	1.23888	0.0306696	0.731418	-1.36721	0.891649	0.983351	-1.01693	11.4191	2.74441	0.213631	1
cg25261329	0.0209343	1.22686	1.22686	0.788498	0.980409	-1.01998	0.0844703	1.15077	1.15077	0.443563	1.05917	1.05917	5.13958	0.440762	0.0762296	1
cg04804377	0.0277067	0.831996	-1.20193	0.830647	1.01525	1.01525	8.56E-10	9.32469	9.32469	0.241236	1.09057	1.09057	138.032	10.9192	0.070317	1
cg21642176	0.0144492	0.502693	-1.98929	0.0347579	1.7534	1.7534	9.63E-07	19.0387	19.0387	0.0754963	1.57067	1.57067	23.3156	19.2265	0.732997	1
cg07709606	0.00330227	0.459493	-2.17631	2.09E-05	0.188661	-5.30051	0.0172043	1.75773	1.75773	0.0232134	0.590236	-1.69424	22.7247	13.588	0.531503	1
cg23101885	0.0551886	0.459949	-2.17415	0.111866	0.538706	-1.8563	0.000658166	0.154964	-6.45312	0.0210878	0.37118	-2.69411	9.98175	20.18	1.79705	1
cg07512734	0.56015	1.11315	1.11315	0.0987942	0.719405	-1.39004	2.81E-05	4.48057	4.48057	0.657805	1.08449	1.08449	9.68697	5.07915	0.466069	1
cg10167837	0.721064	0.882942	-1.13258	0.175736	0.606559	-1.64864	7.58E-05	12.0892	12.0892	0.743127	0.892083	-1.12097	6.91836	13.2129	1.69763	1
cg15124757	0.297594	0.71631	-1.39604	0.636696	0.863288	-1.15836	0.00279341	3.5724	3.5724	0.214761	1.49709	1.49709	4.34864	6.57535	1.34404	1
cg16540183	0.214279	0.818759	-1.22136	0.145122	1.27036	1.27036	0.0996752	0.758842	-1.3178	0.489258	1.11342	1.11342	4.24679	1.57322	0.329289	1
cg03002352	0.441749	0.816984	-1.22401	0.236631	0.726483	-1.37649	2.12E-05	9.09361	9.09361	0.609965	0.875833	-1.14177	9.90724	10.4198	0.93488	1
cg13717532	0.00808257	0.718045	-1.39267	1.51E-05	2.40055	2.40055	0.00256895	1.50415	1.50415	0.253619	0.890105	-1.12346	24.0664	3.63431	0.134233	1
cg23526087	0.00389393	0.614256	-1.62799	0.000220651	0.462241	-2.16337	0.0300904	1.37691	1.37691	0.000158621	0.444968	-2.24735	17.7855	4.42832	0.221319	1
cg18205933	0.851697	1.03732	1.03732	0.000129828	0.272164	-3.67426	0.889598	1.02756	1.02756	0.965228	0.991503	-1.00857	13.4021	8.13396	0.539482	1
cg13075942	0.064953	0.437122	-2.28769	0.00288002	0.194616	-5.13833	0.0301345	0.361237	-2.76827	0.0198479	0.325331	-3.07379	9.72717	24.5632	2.24464	1
cg02134347	0.22539	1.20386	1.20386	0.0101735	1.60362	1.60362	0.461999	0.896629	-1.11529	0.130111	0.788008	-1.26902	9.04211	3.04087	0.298934	1
cg10418626	0.917729	1.03175	1.03175	0.000726448	0.211259	-4.73353	0.140653	0.619123	-1.61519	0.829294	1.0675	1.0675	6.05222	8.77228	1.28838	1
cg16014060	0.738231	0.899351	-1.11191	0.788531	0.918487	-1.08875	0.969272	0.987891	-1.01226	0.0142551	0.384402	-2.60144	5.82244	8.19964	1.40828	1
cg04147497	0.109089	1.51256	1.51256	0.0689729	0.617576	-1.61923	0.226778	0.74042	-1.35058	0.0538102	1.67953	1.67953	5.11458	4.54308	0.789565	1
cg12199198	0.987213	1.00174	1.00174	0.00905208	1.43362	1.43362	0.00579003	0.675354	-1.48071	0.158048	0.848847	-1.17807	4.83925	0.903606	0.165977	1
cg16440331	0.203356	0.7716	-1.29601	0.807703	1.04822	1.04822	0.978679	0.994853	-1.00517	0.0107738	0.538671	-1.85642	4.18342	2.47081	0.524995	1
cg11064738	0.250276	0.622328	-1.60687	0.230965	0.60892	-1.64225	0.0977383	0.488105	-2.04874	0.279038	0.641266	-1.55942	4.10345	10.1287	2.19407	1
cg13680965	0.9805	0.994298	-1.00573	0.303819	1.28295	1.28295	0.130826	0.682705	-1.46476	0.945482	0.984128	-1.01613	3.85393	3.34095	0.770572	1
cg19578161	0.103447	0.879782	-1.13664	0.0291065	0.831147	-1.20316	0.938629	0.994477	-1.00555	8.69E-05	0.602701	-1.6592	69.4881	5.69211	0.0728133	1
cg18825221	0.000313328	0.411275	-2.43146	0.000653309	0.451812	-2.21331	0.129079	1.28325	1.28325	0.0434268	0.702453	-1.42358	22.9609	8.40862	0.325524	1
cg18403754	0.00110571	0.385256	-2.59567	0.0104635	1.89514	1.89514	0.184948	1.32169	1.32169	0.448697	1.16551	1.16551	21.8799	13.6371	0.554019	1
cg13710790	0.00211401	0.416961	-2.39831	0.0280346	0.591393	-1.69092	0.20944	0.765089	-1.30704	0.781718	1.05783	1.05783	21.6793	14.0668	0.576763	1
cg00715197	0.00192666	0.206678	-4.83846	0.000215431	0.108806	-9.19064	0.0154631	0.344052	-2.90654	0.00140772	0.19002	-5.2626	17.3662	35.4777	1.81593	1
cg25603108	0.0694602	0.646603	-1.54654	2.25E-05	0.161422	-6.19493	0.0095941	2.02205	2.02205	0.0947324	0.674141	-1.48337	14.7061	10.738	0.649041	1
cg26298914	0.361323	0.837707	-1.19373	0.00886133	1.87516	1.87516	0.199668	1.29137	1.29137	0.253761	0.798581	-1.25222	12.8521	7.24928	0.501381	1
cg16217297	0.0263913	0.246967	-4.04913	0.645891	1.27857	1.27857	0.880603	0.923268	-1.08311	0.000994545	0.0744507	-13.4317	10.9294	48.8355	3.97181	1
cg11724735	0.91753	0.975972	-1.02462	0.000373859	0.262855	-3.80438	0.140846	1.45055	1.45055	0.000743929	0.300514	-3.32763	10.8733	9.49531	0.776238	1
cg01273994	0.866636	0.977711	-1.0228	0.00689206	0.625558	-1.59857	0.404844	1.12109	1.12109	0.866841	0.977746	-1.02276	9.73894	2.77416	0.253202	1
cg10333051	0.144029	0.86929	-1.15036	0.0106107	1.33216	1.33216	0.00185642	0.674207	-1.48322	0.001563	0.666556	-1.50025	9.56323	1.2064	0.112133	1
cg24057218	0.366557	0.810058	-1.23448	0.0690404	0.630025	-1.58724	0.451061	1.1905	1.1905	0.677851	1.09951	1.09951	9.53027	7.78346	0.725964	1
cg01989902	0.567689	1.13782	1.13782	0.000185834	4.09898	4.09898	0.0265545	1.7998	1.7998	0.147597	1.41524	1.41524	8.86198	7.01281	0.70341	1
cg01638193	0.95199	1.01291	1.01291	0.415884	0.837663	-1.1938	0.770871	0.939687	-1.06418	0.0265755	0.57124	-1.75058	8.49948	6.10853	0.638839	1
cg04179571	0.0300483	0.633589	-1.57831	0.53336	1.11943	1.11943	0.179395	0.774882	-1.29052	0.202855	1.27178	1.27178	7.39198	3.74432	0.450256	1
cg02909789	0.0165484	0.337741	-2.96085	0.00163474	0.187725	-5.32694	0.0372874	0.408079	-2.45051	0.0081365	0.284768	-3.51164	7.35761	16.0203	1.93545	1
cg07112884	0.00251655	0.403276	-2.47969	0.461906	0.850345	-1.17599	0.8949	0.971796	-1.02902	0.000423777	0.298624	-3.34869	7.19336	5.33778	0.659593	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10246976	RAD51L1;RAD51L1;RAD51L1	0.0115272	0.0950487	0.723942	-1.38133	0.0711493	0.701185	-1.42616	0.0904267	0.719956	-1.38897	0.011043	0.570437	-1.75304	0.474328	1.13671	1.13671	0.0350775	0.648949	-1.54095	0.00310732	2.03882	2.03882	0.422673	1.15515	1.15515	0.851473	1.03356	1.03356	5.64655	2.77354	0.436615	1
cg09424925	RAD51L1;RAD51L1;RAD51L1	0.0171496	0.114271	0.570541	-1.75272	0.00796341	3.03827	3.03827	0.00253288	3.93149	3.93149	0.126287	0.582551	-1.71659	0.483253	1.26207	1.26207	0.690639	1.1396	1.1396	0.0552728	2.03356	2.03356	0.159583	1.63389	1.63389	0.541158	1.22394	1.22394	4.95493	8.37431	1.50231	1
cg04887735	RAD51L1;RAD51L1;RAD51L1	0.017583	0.892926	1.03012	1.03012	0.203855	0.744176	-1.34377	0.507472	1.15969	1.15969	0.564914	1.13678	1.13678	0.00140999	0.361139	-2.76901	0.220285	0.752797	-1.32838	0.761406	1.0694	1.0694	0.010601	2.03028	2.03028	0.170092	0.724735	-1.37982	4.91366	3.77795	0.683436	1
cg04433356	RAD51L1;RAD51L1;RAD51L1	0.0181672	0.187919	1.17133	1.17133	0.572079	1.06685	1.06685	0.112553	1.21626	1.21626	0.204523	1.16385	1.16385	0.47668	1.08547	1.08547	0.286076	1.13378	1.13378	0.000700392	0.55668	-1.79636	0.25765	0.874697	-1.14325	0.784883	0.969467	-1.0315	4.85998	0.988661	0.180826	1
cg10975863	RAD51L1;RAD51L1;RAD51L1	0.018829	0.0618167	2.28136	2.28136	0.0140243	3.28537	3.28537	0.378149	1.42559	1.42559	0.341874	1.4682	1.4682	0.135569	0.532171	-1.8791	0.0380954	2.56689	2.56689	0.924842	0.963675	-1.03769	0.00203856	5.50227	5.50227	0.0442254	2.47525	2.47525	4.80171	11.6943	2.16483	1
cg10733123	RAD51L1;RAD51L1;RAD51L1	0.0212898	0.0129064	0.25265	-3.95805	0.0457168	0.36025	-2.77585	0.251597	0.586347	-1.70547	0.363503	0.659527	-1.51624	0.0130403	0.253399	-3.94634	0.160168	0.512321	-1.9519	0.00468537	0.187227	-5.34112	0.00851554	0.223915	-4.46597	0.0214618	0.291883	-3.42603	4.60541	14.4895	2.79661	1
cg22930549	RAD51L1;RAD51L1;RAD51L1	0.0239327	0.013385	0.159146	-6.28354	0.00304229	0.087511	-11.4271	0.0444346	0.250329	-3.99474	0.496497	0.660834	-1.51324	0.0432429	0.247806	-4.03542	0.225885	0.466254	-2.14476	0.0135784	0.160029	-6.24887	0.031178	0.219319	-4.55957	0.0493832	0.260372	-3.84065	4.4237	25.2214	5.06793	1
cg18207011	RAD51L1;RAD51L1;RAD51L1	0.0265738	0.0118641	0.190205	-5.25747	0.0121459	0.191737	-5.21548	0.0463864	0.299525	-3.33861	0.243448	0.524731	-1.90574	0.00291459	0.115176	-8.68238	0.55372	0.728681	-1.37234	0.0495117	0.306001	-3.26796	0.57123	0.739083	-1.35303	0.05664	0.31981	-3.12686	4.26539	18.8596	3.93026	1
cg14518185	RAD51L1;RAD51L1;RAD51L1	0.0281326	0.0475275	0.461556	-2.16658	0.513747	0.797801	-1.25344	0.039455	0.443707	-2.25374	0.0232894	0.396575	-2.52159	0.0203307	0.385162	-2.59631	0.468171	0.777408	-1.28633	0.141336	0.583009	-1.71524	0.412152	1.33114	1.33114	0.00302555	0.250006	-3.9999	4.18082	7.70464	1.63809	1
cg00934066	RAD51L1;RAD51L1;RAD51L1	0.0317031	0.654384	1.10792	1.10792	0.00114656	0.337152	-2.96602	0.0162237	0.512371	-1.95171	0.994853	1.00147	1.00147	0.811434	0.947092	-1.05586	0.102583	0.666136	-1.5012	0.724066	1.08396	1.08396	0.533225	0.866292	-1.15435	0.927276	1.02098	1.02098	4.00722	3.28298	0.728237	1
cg06727242	RAD51L1;RAD51L1;RAD51L1	0.0322891	0.0124487	0.118587	-8.43262	0.00411743	0.0714932	-13.9873	0.0832751	0.268609	-3.72288	0.300432	0.479202	-2.0868	0.0374292	0.190976	-5.23627	0.124058	0.319245	-3.13239	0.0288326	0.170826	-5.85391	0.035659	0.18707	-5.3456	0.0525896	0.220735	-4.53033	3.98104	29.6341	6.61673	1
cg26339162	RAD51L1;RAD51L1;RAD51L1	0.042471	0.0257554	0.28653	-3.49003	0.632093	0.796383	-1.25568	0.608568	0.78365	-1.27608	0.259357	0.573858	-1.74259	0.0113902	0.224251	-4.45929	0.172424	0.503871	-1.98464	0.00879982	0.207107	-4.82841	0.0551078	0.358294	-2.79101	0.0186743	0.260408	-3.84013	3.60239	12.7097	3.13613	1
cg13247922	RAD51L1;RAD51L1;RAD51L1	0.0429592	0.184142	0.747768	-1.33731	0.0178166	0.55195	-1.81176	0.00900457	0.504024	-1.98403	0.446534	0.85208	-1.1736	0.0226236	0.569409	-1.75621	0.0302216	0.591127	-1.69168	0.143696	0.72316	-1.38282	0.864863	0.965468	-1.03577	0.0253134	0.577759	-1.73082	3.58712	2.41819	0.599228	1
cg02893348	RAD51L1;RAD51L1;RAD51L1	0.0448963	0.0269559	0.23502	-4.25495	0.00957385	0.163091	-6.13153	0.032215	0.249937	-4.001	0.506476	0.688946	-1.45149	0.0415387	0.272772	-3.66607	0.114028	0.386613	-2.58657	0.0106344	0.169392	-5.90346	0.311235	0.560389	-1.78448	0.119456	0.392992	-2.54458	3.52857	17.0759	4.30163	1
cg18842157	RAD51L1;RAD51L1;RAD51L1	0.049151	0.0885042	0.426748	-2.3433	0.915402	0.95299	-1.04933	0.819441	1.10917	1.10917	0.99853	0.999166	-1.00084	0.00166133	0.130168	-7.68237	0.265026	1.6928	1.6928	0.667772	0.822287	-1.21612	0.512073	1.35164	1.35164	0.14709	0.494071	-2.024	3.41024	11.0909	2.89087	1
cg11036936	RAD51L1;RAD51L1;RAD51L1	0.0493078	0.0248578	0.647487	-1.54443	0.29153	0.836824	-1.19499	0.196914	0.800875	-1.24863	0.669037	0.932401	-1.0725	0.0896699	0.73747	-1.35599	0.167531	0.787059	-1.27055	0.00888245	1.7194	1.7194	0.602021	1.08941	1.08941	0.849934	0.969641	-1.03131	3.40612	1.42914	0.37296	1
cg11295144	RAD51L3;RAD51L3;RAD51L3	0.00866739	0.145896	1.6116	1.6116	0.0455389	0.467826	-2.13755	0.290492	1.3803	1.3803	0.0481098	0.474595	-2.10706	0.00294814	0.180471	-5.54105	0.00299491	0.181786	-5.50099	?	?	?	?	?	?	?	?	?	16.4182	11.9835	0.486592	1
cg19223675	RAD51L3;RAD51L3;RAD51L3	0.0255552	0.574058	0.849276	-1.17747	0.266533	1.39516	1.39516	0.170828	1.52122	1.52122	0.235492	0.699321	-1.42996	0.279675	0.723764	-1.38166	0.00854804	0.380937	-2.6251	0.00777576	0.374141	-2.67279	0.286433	1.37497	1.37497	0.105412	1.66343	1.66343	4.32403	5.66684	1.16493	1
cg14330853	RAD51L3;RAD51L3;RAD51L3	0.0297078	0.097092	0.539007	-1.85526	0.672487	0.865617	-1.15524	0.102904	0.545761	-1.83231	0.374236	0.733773	-1.36282	0.0613026	0.488897	-2.04542	0.0384649	0.443142	-2.25661	0.00966858	3.03816	3.03816	0.161849	1.66026	1.66026	0.123294	0.567453	-1.76226	4.10105	7.4818	1.62165	1
cg02740947	RAD51L3;RAD51L3;RAD51L3	0.0474954	0.0144013	0.641757	-1.55822	0.502665	1.10521	1.10521	0.0397226	1.41861	1.41861	0.0761427	0.748124	-1.33668	0.279046	0.847472	-1.17998	0.101433	0.768193	-1.30176	0.0458708	0.71424	-1.40009	0.588083	0.922735	-1.08373	0.714853	1.05544	1.05544	3.45473	1.18315	0.304419	1
cg03719475	RAD52	0.000871467	0.0019962	0.660583	-1.51381	0.010592	1.35724	1.35724	0.803817	1.02393	1.02393	0.0583213	0.816045	-1.22542	0.672552	0.960412	-1.04122	0.0204802	0.766957	-1.30385	7.95E-05	1.96885	1.96885	0.877226	1.0148	1.0148	0.617728	0.953317	-1.04897	12.2335	1.74926	0.127102	1
cg02055889	RAD52	0.0040912	0.607506	0.844421	-1.18424	0.352635	1.36641	1.36641	0.205611	1.54627	1.54627	0.0787188	1.89142	1.89142	0.954679	0.98162	-1.01872	0.414124	1.31323	1.31323	0.00013599	8.63141	8.63141	0.00467474	3.41262	3.41262	0.00573976	3.26044	3.26044	7.79928	13.1599	1.49984	1
cg04648382	RAD52	0.0269697	0.0669909	0.542891	-1.84199	0.0232056	2.2419	2.2419	0.596007	1.17255	1.17255	0.0488948	0.512185	-1.95242	0.0122984	0.395515	-2.52835	0.166008	0.644388	-1.55186	0.0852323	0.567736	-1.76138	0.26084	1.41749	1.41749	0.207478	0.673378	-1.48505	4.24333	5.9482	1.24602	1
cg14602222	RAD52	0.0366084	0.28007	0.796532	-1.25544	0.0399691	0.618171	-1.61767	0.00967071	0.515143	-1.94121	0.316943	0.810911	-1.23318	0.214296	1.30328	1.30328	0.621123	0.90399	-1.10621	0.016003	1.81745	1.81745	0.594713	1.11493	1.11493	0.67057	0.916964	-1.09055	3.80458	2.47323	0.577837	1
cg02544829	RAD54B	0.00430067	0.351969	1.39698	1.39698	0.0481581	0.454656	-2.19947	0.677101	0.864018	-1.15738	0.138445	1.74492	1.74492	0.000262401	0.123216	-8.11584	0.380591	0.730591	-1.36875	0.0675919	0.489349	-2.04353	0.0378886	2.31687	2.31687	0.0197558	0.374362	-2.67121	7.68247	14.8216	1.71491	1
cg13257157	RAD54B	0.0066769	0.237338	0.703179	-1.42211	0.331691	1.32961	1.32961	0.100252	1.66902	1.66902	0.102501	0.601546	-1.66238	0.117787	0.616824	-1.62121	0.0019994	0.289106	-3.45894	0.784635	1.08104	1.08104	0.0576537	1.84157	1.84157	0.00191817	0.286611	-3.48904	6.71316	8.60312	1.13914	1
cg04496177	RAD54B	0.0115651	0.459656	1.29784	1.29784	0.94086	0.974634	-1.02603	0.402186	1.34567	1.34567	0.157267	1.68835	1.68835	0.20027	1.5976	1.5976	0.000331426	0.13447	-7.43661	0.0865746	0.519167	-1.92616	0.917285	1.03663	1.03663	0.431787	1.32027	1.32027	5.64055	10.7123	1.68815	1
cg20157985	RAD54B	0.0119433	0.512366	0.926126	-1.07977	0.28406	1.13716	1.13716	0.480116	0.920439	-1.08644	0.0278711	1.35007	1.35007	0.425635	0.910316	-1.09852	0.000452846	0.528127	-1.89348	0.253201	1.14778	1.14778	0.301294	0.883648	-1.13167	0.312071	0.886228	-1.12838	5.58206	1.17935	0.1878	1
cg25305774	RAD54B	0.0121417	0.00858837	0.162666	-6.14758	0.728889	1.20746	1.20746	0.197061	0.477659	-2.09354	0.333758	1.71625	1.71625	0.00295797	0.109648	-9.12012	0.15658	0.439997	-2.27274	0.00293259	0.109285	-9.15041	0.476601	1.48011	1.48011	0.126094	0.407916	-2.45149	5.55229	25.8121	4.13237	1
cg03024931	RAD54B	0.0203257	0.613498	0.899752	-1.11142	0.0256293	1.73307	1.73307	0.111557	1.43256	1.43256	0.47808	0.86106	-1.16136	0.00671802	0.48237	-2.0731	0.0613713	0.645865	-1.54831	0.0177435	0.549914	-1.81847	0.180948	0.744824	-1.3426	0.325539	0.810139	-1.23436	4.67879	3.18768	0.605604	1
cg16001675	RAD54B	0.0252027	0.524902	0.763781	-1.30928	0.0213493	3.18009	3.18009	0.0625513	2.4027	2.4027	0.0108045	0.262083	-3.81559	0.0665127	0.422904	-2.3646	0.0680804	0.425478	-2.3503	0.352501	1.49204	1.49204	0.754111	1.14044	1.14044	0.251915	0.606177	-1.64968	4.34501	12.0374	2.46258	1
cg07918226	RAD54B	0.0373215	0.848618	1.03887	1.03887	0.99722	1.0007	1.0007	0.367657	1.2028	1.2028	0.687787	1.08395	1.08395	0.1028	0.700358	-1.42784	0.36824	0.831589	-1.20252	0.00149637	0.401139	-2.4929	0.0284106	0.596798	-1.67561	0.875266	0.96914	-1.03184	3.77792	2.38243	0.56055	1
ch.3.1119246R	RAD54L2	0.0015715	0.00505238	0.375835	-2.66074	8.06E-05	0.152844	-6.54263	0.00249224	0.329805	-3.03209	0.00372694	0.355583	-2.81228	0.00386995	0.358053	-2.79288	0.58618	0.864943	-1.15615	0.0878061	0.608152	-1.64433	0.720889	0.909652	-1.09932	0.560685	0.856169	-1.16799	10.3399	11.4094	0.980827	1
cg00213142	RAD54L2	0.00257027	0.00571994	0.322579	-3.10002	0.433156	0.778984	-1.28372	0.0806092	0.546023	-1.83142	0.0352207	0.464906	-2.15097	0.000755237	0.202901	-4.9285	0.00114328	0.224607	-4.45222	0.0532763	1.98502	1.98502	0.112168	1.7162	1.7162	0.111827	0.582331	-1.71724	8.9586	13.8351	1.37275	1
cg08030373	RAD54L2	0.00600088	0.0104526	0.21842	-4.57833	0.0177733	0.256582	-3.89739	0.0083025	0.203394	-4.91656	0.211906	0.537592	-1.86015	0.00264896	0.140462	-7.11937	0.00716378	0.194216	-5.14892	0.000810198	0.0921436	-10.8526	0.128104	0.460068	-2.17359	0.0503203	0.348876	-2.86634	6.93885	24.4811	3.13611	1
cg00083401	RAD54L2	0.0112624	0.915228	0.985415	-1.0148	0.309591	1.15614	1.15614	0.0608367	1.33854	1.33854	0.194566	1.20846	1.20846	0.255176	0.848812	-1.17812	0.359039	0.877982	-1.13898	0.000235767	2.3186	2.3186	0.710113	1.05287	1.05287	0.704262	0.948741	-1.05403	5.68911	1.71546	0.26803	1
cg02423494	RAD54L2	0.0185564	0.0348754	0.338607	-2.95327	0.65678	0.821222	-1.2177	0.758606	0.873059	-1.1454	0.0251026	0.309323	-3.23287	0.00244906	0.156245	-6.4002	0.0133811	0.259459	-3.85417	0.0104784	0.241994	-4.13233	0.916707	0.954974	-1.04715	0.0436942	0.360165	-2.77651	4.8254	14.8227	2.7305	1
cg24955114	RAD54L;RAD54L	0.00172606	0.754263	1.14149	1.14149	0.23722	0.591342	-1.69107	0.000649089	0.0938228	-10.6584	0.382837	1.46	1.46	0.710045	1.17049	1.17049	0.354828	1.49586	1.49586	8.26E-05	0.0367981	-27.1753	0.75887	0.878307	-1.13855	0.348265	1.50471	1.50471	12.0532	33.1602	2.13978	1
cg16163324	RAD54L;RAD54L	0.0129597	0.288777	1.07007	1.07007	0.969599	1.00235	1.00235	0.530872	0.961714	-1.03981	0.947634	1.00405	1.00405	0.659513	1.02764	1.02764	0.558369	1.03707	1.03707	0.000274779	0.693219	-1.44255	0.161431	1.09632	1.09632	0.228572	1.08081	1.08081	5.43565	0.325565	0.0532394	1
cg04131943	RAD54L;RAD54L	0.0428243	0.0130764	1.96238	1.96238	0.106045	1.47196	1.47196	0.056055	1.60631	1.60631	0.385651	0.823016	-1.21504	0.0136361	1.95083	1.95083	0.0178587	1.87861	1.87861	0.782248	1.06256	1.06256	0.523466	1.15213	1.15213	0.765473	0.936584	-1.06771	3.59131	2.72807	0.675225	1
cg17079378	RAD54L;RAD54L;RAD54L	0.0145557	0.00033048	0.0422229	-23.6838	0.885782	0.93731	-1.06688	0.577887	0.775633	-1.28927	0.865117	0.926272	-1.0796	0.936711	0.964866	-1.03641	0.358759	0.650993	-1.53611	?	?	?	0.769295	0.875835	-1.14177	0.944256	0.968999	-1.03199	6.9848	18.9917	2.03925	1
cg08498597	RAD9A	0.000956613	0.881456	1.05339	1.05339	0.00136461	0.19791	-5.0528	0.743516	0.891857	-1.12126	0.294233	1.46115	1.46115	2.84E-05	0.05676	-17.6181	0.342429	0.711087	-1.4063	0.00334958	0.248684	-4.02116	0.993091	0.996986	-1.00302	0.272585	0.671628	-1.48892	11.9153	22.9299	1.71058	1
cg27445893	RAD9A	0.00149648	0.0472066	0.794388	-1.25883	0.294955	1.11639	1.11639	0.154881	1.16687	1.16687	0.0111167	0.724206	-1.38082	0.487815	0.931042	-1.07407	0.00272923	0.657446	-1.52104	0.000140139	1.9474	1.9474	0.666193	1.04498	1.04498	0.920393	0.989918	-1.01018	10.4867	1.70662	0.144659	1
cg11604912	RAD9A	0.00200372	0.30716	1.36525	1.36525	0.0030532	0.302719	-3.30339	0.584192	0.849794	-1.17676	0.226478	1.45354	1.45354	5.06E-05	0.106768	-9.36608	0.206862	0.675671	-1.48001	0.49328	1.22741	1.22741	0.806741	1.07485	1.07485	0.472624	0.806429	-1.24004	9.63668	13.2374	1.22102	1
cg14308612	RAD9A	0.0142455	0.00762406	0.215187	-4.64712	0.0200635	0.284731	-3.51208	0.206807	0.550908	-1.81519	0.0701837	0.403963	-2.47547	0.00190447	0.139525	-7.16718	0.0545879	0.376654	-2.65496	0.00535352	0.193489	-5.16826	0.0534186	0.374393	-2.67099	0.0527294	0.373043	-2.68066	5.26967	16.735	2.82287	1
cg02231295	RAD9A	0.0314067	0.436578	1.51114	1.51114	0.00501796	0.0689903	-14.4948	0.441524	1.50388	1.50388	?	?	?	0.520033	0.714049	-1.40046	?	?	?	0.0118372	0.122921	-8.13531	0.168	0.44758	-2.23424	0.755384	1.17298	1.17298	7.9781	22.1453	1.58615	1
cg14602697	RAD9A	0.0341131	0.198119	0.75342	-1.32728	0.0891594	0.676913	-1.47729	0.269735	0.787228	-1.27028	0.250188	0.778696	-1.2842	0.00752957	0.488768	-2.04596	0.0137676	0.530528	-1.88492	0.113662	1.43089	1.43089	0.383224	1.20458	1.20458	0.386775	1.20283	1.20283	3.90316	2.67861	0.610014	1
cg14976978	RAD9A	0.0439855	0.265396	0.545057	-1.83467	0.0845873	2.7113	2.7113	0.0132678	0.200958	-4.97616	0.923571	1.05145	1.05145	0.0154797	0.211616	-4.72555	0.583629	1.33565	1.33565	0.322615	1.70612	1.70612	0.0702914	0.347178	-2.88037	0.854139	1.10101	1.10101	3.55571	15.3962	3.84888	1
cg02517261	RAD9B;VPS29;VPS29	0.000739575	0.0490299	0.657228	-1.52154	0.866063	0.968963	-1.03203	0.0248963	0.607386	-1.6464	0.352959	1.19544	1.19544	9.97E-06	0.170047	-5.88074	0.355056	1.19446	1.19446	0.293625	1.22564	1.22564	0.165399	0.758554	-1.3183	0.270835	0.807247	-1.23878	12.8118	7.07842	0.491104	1
cg17382939	RAD9B;VPS29;VPS29	0.00170594	0.969059	0.985888	-1.01431	0.0648236	2.13794	2.13794	0.00961025	0.300842	-3.32401	0.0899509	0.504171	-1.98345	4.82E-05	0.0606547	-16.4868	0.400165	1.37104	1.37104	0.0179819	0.34877	-2.86722	0.884324	0.948055	-1.05479	0.148967	0.567161	-1.76317	10.0976	21.4715	1.89013	1
cg20877181	RAD9B;VPS29;VPS29	0.0017199	0.633014	0.958027	-1.04381	0.00136864	1.51293	1.51293	0.890521	0.987799	-1.01235	0.767225	1.02681	1.02681	7.94E-05	0.529614	-1.88817	0.0847139	1.18525	1.18525	0.817503	0.979607	-1.02082	0.767528	1.02678	1.02678	0.649519	0.96004	-1.04162	10.0738	1.26766	0.111855	1
cg00278366	RAD9B;VPS29;VPS29	0.0126008	0.199367	1.91203	1.91203	0.804133	1.12612	1.12612	0.0361173	0.31193	-3.20584	0.459173	0.697487	-1.43372	0.000389388	0.0669816	-14.9295	0.929063	1.04348	1.04348	0.342594	0.626634	-1.59583	0.12958	2.18756	2.18756	0.952023	1.02918	1.02918	5.48567	19.8516	3.21673	1
cg00469380	RADIL	2.01E-05	0.099497	0.745249	-1.34183	1.68E-06	7.0651	7.0651	0.132787	1.3023	1.3023	0.00148054	2.11023	2.11023	0.00496826	0.545721	-1.83244	0.0312965	0.662701	-1.50898	0.000921952	2.23915	2.23915	2.87E-05	3.81137	3.81137	0.251776	0.822852	-1.21529	33.8393	14.2138	0.373368	1
cg15779609	RADIL	0.00354949	0.124409	1.35762	1.35762	0.771796	1.0549	1.0549	0.158934	0.758291	-1.31876	0.315907	1.20992	1.20992	0.000216468	0.321677	-3.10871	0.624583	1.09487	1.09487	0.00150513	0.431517	-2.31741	0.744605	1.06191	1.06191	0.777362	1.05348	1.05348	8.13952	4.35364	0.475446	1
cg11864079	RADIL	0.00385952	0.371365	1.19823	1.19823	0.876642	1.03108	1.03108	0.126701	0.722177	-1.3847	0.0833757	1.45881	1.45881	0.00370858	0.461858	-2.16517	0.0617495	1.51366	1.51366	0.000426499	3.00121	3.00121	0.0600054	1.51898	1.51898	0.630598	0.90895	-1.10017	7.93749	4.88002	0.546494	1
cg25326856	RADIL	0.00522837	0.000404524	0.166762	-5.99656	0.348658	0.73539	-1.35982	0.25099	1.46533	1.46533	0.300173	0.710341	-1.40777	0.00341412	0.281556	-3.55169	0.616563	0.851446	-1.17447	0.0022426	0.255888	-3.90795	0.410938	0.765031	-1.30714	0.445804	0.780694	-1.28091	7.23909	11.6342	1.42857	1
cg14940048	RADIL	0.00523107	0.00823949	0.366598	-2.72779	0.439484	0.791259	-1.26381	0.000408107	0.188719	-5.29887	0.451749	0.796392	-1.25566	0.00106347	0.237698	-4.20702	0.105496	0.591459	-1.69073	0.0132461	0.40187	-2.48837	0.598933	0.854195	-1.17069	0.202282	0.670477	-1.49148	7.23794	10.1082	1.24138	1
cg12333845	RADIL	0.00648783	0.0153761	0.434798	-2.29992	0.029408	2.05096	2.05096	0.898038	1.03655	1.03655	0.583374	1.16777	1.16777	0.0113937	0.411937	-2.42755	0.182845	0.673134	-1.48559	0.299725	1.35112	1.35112	0.00116786	3.79842	3.79842	0.936336	0.977879	-1.02262	6.77331	8.41122	1.10384	1
cg05495949	RADIL	0.00683373	0.495417	0.890347	-1.12316	0.848267	0.968372	-1.03266	0.567849	1.10172	1.10172	0.678663	1.0724	1.0724	0.440678	1.14103	1.14103	0.00211728	0.484353	-2.06461	0.000300003	0.37279	-2.68248	0.581746	1.09784	1.09784	0.532951	0.899461	-1.11178	6.66485	2.97162	0.396324	1
cg00323962	RADIL	0.00920216	0.790097	0.953223	-1.04907	0.499896	0.884287	-1.13085	0.0091736	0.552045	-1.81145	0.0315748	0.635929	-1.5725	0.387696	1.17232	1.17232	0.0618594	0.685503	-1.45878	0.0015227	2.26973	2.26973	0.157004	1.31231	1.31231	0.551251	0.897398	-1.11433	6.0694	3.09957	0.453944	1
cg25007683	RADIL	0.0157312	0.0481576	3.26722	3.26722	0.223915	1.95388	1.95388	0.373356	1.61458	1.61458	0.0228581	4.16864	4.16864	0.0971934	0.38509	-2.5968	0.0180427	4.50833	4.50833	0.0333448	3.68299	3.68299	0.00683984	6.27414	6.27414	0.00943664	5.61146	5.61146	5.09963	22.1973	3.86908	1
cg25842763	RADIL	0.0162362	0.16588	0.673407	-1.48499	0.0022985	3.12736	3.12736	0.0056669	2.64119	2.64119	0.224925	1.40647	1.40647	0.221765	0.709176	-1.41009	0.249982	1.37947	1.37947	0.178501	1.46595	1.46595	0.335615	1.30433	1.30433	0.24784	0.723762	-1.38167	5.04632	5.72289	1.00806	1
cg20556639	RADIL	0.0166181	0.150323	0.701289	-1.42595	0.648617	1.11136	1.11136	0.217343	0.741789	-1.34809	0.328918	0.793031	-1.26098	0.00342422	0.400448	-2.4972	0.190763	0.726999	-1.37552	0.000762829	0.309226	-3.23388	0.959521	1.01175	1.01175	0.783758	0.938655	-1.06535	5.00736	4.20024	0.745613	1
cg02173094	RADIL	0.0177192	0.122457	0.699291	-1.43002	0.000845914	0.342225	-2.92205	0.0392372	0.60061	-1.66497	0.235845	0.766842	-1.30405	0.0668112	0.644592	-1.55137	0.802925	1.05489	1.05489	0.0873406	1.49685	1.49685	0.786635	1.05969	1.05969	0.560983	0.881944	-1.13386	4.90095	3.54478	0.642919	1
cg05480046	RADIL	0.0197373	0.453259	0.882923	-1.1326	0.317637	0.845058	-1.18335	0.0003362	0.389738	-2.56583	0.0144839	0.612022	-1.63393	0.17759	0.791748	-1.26303	0.485061	0.890807	-1.12258	0.377229	0.862717	-1.15913	0.500657	0.894575	-1.11785	0.325534	0.847515	-1.17992	4.72573	1.98798	0.37393	1
cg25283486	RADIL	0.0199153	0.0495627	0.281929	-3.54699	0.642767	1.30207	1.30207	0.172845	2.26992	2.26992	0.105617	0.368258	-2.71549	0.00506006	0.123132	-8.12135	0.107624	0.370747	-2.69726	0.0862661	0.342665	-2.9183	0.00419762	0.11452	-8.73207	0.13608	0.403479	-2.47844	4.71135	23.8274	4.49551	1
cg12058390	RADIL	0.0256386	0.146024	2.57412	2.57412	0.217203	2.19587	2.19587	0.75586	1.20799	1.20799	0.0322286	4.56997	4.56997	0.14848	0.391033	-2.55733	0.0161753	5.94423	5.94423	0.148313	2.55846	2.55846	0.00529863	9.26769	9.26769	0.0186119	5.63161	5.63161	4.31912	25.1079	5.16728	1
cg03310874	RADIL	0.0256762	0.0285034	0.32396	-3.0868	0.0175776	0.283691	-3.52497	0.0616749	0.3994	-2.50376	0.0385593	0.351685	-2.84345	0.0027456	0.16492	-6.06355	0.108436	0.46598	-2.14602	0.827331	1.09994	1.09994	0.610283	1.25125	1.25125	0.114295	0.472817	-2.11498	4.31692	13.0011	2.67703	1
cg22283115	RADIL	0.0264889	0.548186	0.861852	-1.16029	0.0892553	1.58169	1.58169	0.970969	1.00894	1.00894	0.0635485	0.600248	-1.66598	0.00681747	0.424161	-2.35759	0.0513819	1.72069	1.72069	0.218963	0.728817	-1.37209	0.051888	1.71813	1.71813	0.410388	0.813851	-1.22873	4.27016	4.04876	0.842801	1
cg04314711	RADIL	0.031844	0.974288	0.991022	-1.00906	0.563321	1.17762	1.17762	0.254395	1.39518	1.39518	0.0138324	0.426866	-2.34266	0.00397438	0.338347	-2.95555	0.0365019	0.506545	-1.97416	0.191879	0.679369	-1.47195	0.451545	1.23942	1.23942	0.609183	0.865638	-1.15522	4.00087	4.96181	1.10239	1
cg21838554	RADIL	0.0350808	0.68479	1.1184	1.1184	0.00136814	3.57384	3.57384	0.463992	1.22673	1.22673	0.192432	0.685057	-1.45973	0.957862	0.985618	-1.01459	0.425463	1.25	1.25	0.0845236	0.592653	-1.68733	0.891388	1.03817	1.03817	0.296209	0.743066	-1.34578	3.8639	4.60027	1.05829	1
cg08119150	RADIL	0.0351471	0.0298907	0.385685	-2.59279	0.00242259	0.207083	-4.82898	0.852978	0.933163	-1.07162	0.285055	0.66097	-1.51293	0.132712	0.546122	-1.83109	0.0465508	0.427432	-2.33955	0.372023	0.710521	-1.40742	0.0128569	0.316038	-3.16417	0.114946	0.527736	-1.89489	3.86127	8.5028	1.9574	1
cg25266895	RADIL	0.0357703	0.0140263	0.513517	-1.94736	0.137042	1.42179	1.42179	0.208221	1.33848	1.33848	0.366378	0.815541	-1.22618	0.209037	0.747548	-1.33771	0.398149	1.20935	1.20935	0.850169	0.959299	-1.04243	0.0106136	0.493589	-2.02598	0.138139	1.42019	1.42019	3.83674	2.93371	0.679677	1
cg18984900	RADIL	0.0369778	0.0982733	0.768212	-1.30172	0.0114633	1.58408	1.58408	0.799229	1.03776	1.03776	0.0766667	1.33155	1.33155	0.402158	0.882776	-1.13279	0.218989	1.20682	1.20682	0.499991	1.10469	1.10469	0.531257	1.09661	1.09661	0.0162138	0.65207	-1.53358	3.79069	1.26953	0.297696	1
cg13402916	RADIL	0.0374565	0.497379	0.907595	-1.10181	0.00546122	0.597922	-1.67246	0.273739	0.851904	-1.17384	0.898293	1.01816	1.01816	0.440358	0.895176	-1.1171	0.142034	1.24875	1.24875	0.0113015	1.56277	1.56277	0.430402	0.892916	-1.11993	0.770998	0.95976	-1.04193	3.77295	1.18338	0.278799	1
cg11594299	RADIL	0.0405851	0.0559148	0.211405	-4.73025	0.748356	1.25981	1.25981	0.0480579	5.06043	5.06043	0.0691738	0.232469	-4.30165	0.0142924	0.114421	-8.73968	0.195172	0.374117	-2.67296	0.50492	0.615393	-1.62498	0.0235903	0.143732	-6.95739	0.299942	0.462641	-2.1615	3.66347	29.875	7.24875	1
cg21932542	RADIL	0.0436702	0.00697303	0.377255	-2.65072	0.0298374	0.489697	-2.04208	0.0502301	0.536075	-1.86541	0.0316222	0.494681	-2.02151	0.0429228	0.521656	-1.91697	0.619417	0.869489	-1.1501	0.764818	1.08741	1.08741	0.554052	0.84605	-1.18196	0.0382466	0.511316	-1.95574	3.56526	4.40514	1.09829	1
cg17334762	RADIL	0.0460717	0.570782	0.853039	-1.17228	0.66033	0.884533	-1.13054	0.323403	0.753536	-1.32708	0.351054	0.766217	-1.30511	0.0274153	0.484864	-2.06244	0.897831	1.03628	1.03628	0.0808885	1.71091	1.71091	0.877967	0.958265	-1.04355	0.00283423	0.319687	-3.12806	3.49454	4.26035	1.08368	1
cg02621993	RADIL	0.0461159	0.00299975	0.216105	-4.62738	0.359584	0.701481	-1.42556	0.0372883	0.40257	-2.48404	0.0871404	0.491146	-2.03605	0.312632	0.674936	-1.48162	0.486787	1.30469	1.30469	0.0244897	0.364691	-2.74205	0.914387	0.96033	-1.04131	0.606678	0.822448	-1.21588	3.49328	7.83873	1.99461	1
cg04515534	RADIL;PAPOLB	0.00653413	0.000681	0.146335	-6.83363	0.1891	0.597468	-1.67373	0.0830729	0.491441	-2.03483	0.0606442	2.18819	2.18819	0.00738511	0.278608	-3.58927	0.0584103	0.453069	-2.20717	0.070583	0.473266	-2.11298	0.379345	1.39638	1.39638	0.0287737	0.384912	-2.59799	6.75838	14.6707	1.92955	1
cg17997545	RADIL;PAPOLB;PAPOLB	0.0121657	0.112439	0.706669	-1.41509	0.0069765	0.496025	-2.01603	0.0250322	0.585298	-1.70853	0.00357591	0.45256	-2.20965	0.0146146	0.546564	-1.82961	0.0503175	0.638744	-1.56557	0.0672123	1.50998	1.50998	0.658645	0.914549	-1.09343	0.317995	0.81272	-1.23044	5.54873	3.54716	0.568244	1
cg17486644	RADIL;PAPOLB;PAPOLB	0.0156872	0.0346818	0.400483	-2.49699	0.786529	0.904042	-1.10614	0.185486	0.593467	-1.68501	0.00466542	0.247075	-4.04735	0.0100589	0.299045	-3.34398	0.33055	0.688583	-1.45226	0.00334877	0.226811	-4.40896	0.510105	1.28184	1.28184	0.0274273	0.37927	-2.63664	5.10437	11.1647	1.94425	1
cg15183660	RAE1;RAE1	0.000128747	0.347021	0.814264	-1.2281	0.983138	1.00449	1.00449	0.0404922	0.605285	-1.65211	0.125194	0.703165	-1.42214	5.01E-06	0.110079	-9.08443	0.000151385	0.251659	-3.97364	0.000434551	0.307198	-3.25522	0.337386	1.23351	1.23351	0.00226765	0.404052	-2.47493	20.6904	14.7543	0.633866	1
cg09154639	RAE1;RAE1	0.00235783	0.613691	0.890433	-1.12305	0.085756	0.648609	-1.54176	0.146555	0.700995	-1.42654	0.43671	1.19828	1.19828	0.00525786	0.432128	-2.31413	0.000357072	0.270838	-3.69224	0.237868	1.32561	1.32561	0.00327229	0.400975	-2.49392	0.00145592	0.350529	-2.85283	9.18882	7.56369	0.731681	1
cg03132089	RAE1;RAE1	0.00236925	?	?	?	0.21075	1.51942	1.51942	0.161991	1.6059	1.6059	0.0255365	0.430935	-2.32054	0.945672	0.978613	-1.02185	0.000624674	0.188429	-5.30702	0.000433852	0.171194	-5.84134	0.881531	1.04844	1.04844	0.794531	1.08632	1.08632	9.38353	13.2943	1.41677	1
cg07931024	RAE1;RAE1	0.0041429	0.713076	0.879413	-1.13712	0.183921	0.612355	-1.63304	0.42449	0.752933	-1.32814	0.369302	0.725571	-1.37822	0.000260337	0.123729	-8.08218	0.00152354	0.20434	-4.89381	0.00306804	0.244023	-4.09798	0.110179	0.545675	-1.83259	0.0218462	0.383908	-2.60479	7.76977	14.8957	1.70412	1
cg19836589	RAE1;RAE1	0.0148753	0.376527	0.707596	-1.41324	0.35638	1.43557	1.43557	0.900545	1.04881	1.04881	0.34175	0.688409	-1.45262	0.00147112	0.173834	-5.75261	0.00669569	0.261691	-3.8213	0.0116411	0.300627	-3.32638	0.852162	0.931363	-1.0737	0.0475959	0.421664	-2.37156	5.19501	11.9526	2.04515	1
cg21745248	RAE1;RAE1	0.0334294	0.294039	1.34983	1.34983	0.0647207	0.564487	-1.77152	0.102526	1.63629	1.63629	0.569842	0.853594	-1.17152	0.429295	0.800604	-1.24906	0.163195	0.663505	-1.50715	0.522021	0.836226	-1.19585	0.00189785	0.297309	-3.36351	0.476413	1.22088	1.22088	3.93174	4.73058	1.06949	1
cg16341269	RAET1E	0.00112489	0.0173826	0.5398	-1.85254	0.0745345	0.655121	-1.52644	0.000293705	0.284815	-3.51105	0.944556	0.985303	-1.01492	0.826863	1.04774	1.04774	0.0564668	0.631458	-1.58364	4.57E-05	0.193936	-5.15633	0.05261	0.625578	-1.59852	0.0471762	0.616629	-1.62172	11.3796	8.16764	0.637997	1
cg19979896	RAET1E	0.0274404	0.536695	1.25381	1.25381	0.556541	0.806532	-1.23988	0.164961	0.585341	-1.70841	0.0145438	0.336801	-2.96911	0.0056484	0.268996	-3.71753	0.25611	0.651423	-1.5351	0.0143347	0.335673	-2.97909	0.297104	0.676494	-1.47821	0.00999218	0.308507	-3.24142	4.21764	8.7318	1.84027	1
cg24114587	RAET1E	0.0282391	0.23614	0.558074	-1.79188	0.0131484	0.235833	-4.24029	0.0434173	0.335779	-2.97815	0.0538378	0.357527	-2.79699	0.028116	0.295691	-3.38191	0.242669	0.563005	-1.77618	0.00223886	0.133867	-7.47012	0.0762665	0.395859	-2.52615	0.0510989	0.352122	-2.83993	4.17525	14.5974	3.1077	1
cg12213910	RAET1E	0.037265	0.328363	0.778845	-1.28395	0.173325	0.698415	-1.43181	0.00133665	0.31498	-3.1748	0.214459	1.38235	1.38235	0.120955	0.659268	-1.51683	0.637447	0.889047	-1.1248	0.197636	1.40127	1.40127	0.672345	0.899972	-1.11115	0.589168	0.873648	-1.14463	3.78001	3.67457	0.864095	1
cg01718580	RAET1G	6.48E-05	0.242366	0.812301	-1.23107	6.98E-05	0.291199	-3.43408	2.21E-05	0.235394	-4.24819	0.000145486	0.329201	-3.03765	0.00132384	0.45226	-2.21112	0.000138529	0.326615	-3.06171	0.000195064	0.344822	-2.90005	0.000152379	0.331651	-3.01522	0.00057416	0.404292	-2.47346	24.8574	11.3645	0.40639	1
cg19673125	RAET1G	0.00205915	0.559674	0.897109	-1.11469	0.00861145	0.539735	-1.85276	0.00636485	0.520128	-1.9226	0.000260511	0.331061	-3.02059	0.0311025	0.627665	-1.59321	0.00054336	0.371763	-2.68989	0.0134201	0.569185	-1.7569	0.0246804	0.611169	-1.63621	0.0054725	0.510459	-1.95902	9.56032	5.13025	0.476995	1
cg02711190	RAET1G	0.00794864	0.342095	0.775216	-1.28996	0.8763	1.04135	1.04135	0.213702	0.711368	-1.40574	0.177818	0.689031	-1.45131	0.000288214	0.214625	-4.6593	0.208566	1.41175	1.41175	0.176998	0.688485	-1.45246	0.274723	1.34393	1.34393	0.00853362	0.417703	-2.39404	6.35702	6.81187	0.95249	1
cg09670189	RAET1G	0.0425834	0.0137361	0.548534	-1.82304	0.151003	1.35436	1.35436	0.233565	0.781791	-1.27911	0.0979817	0.699223	-1.43016	0.0166323	0.561921	-1.77961	0.143165	0.73335	-1.3636	0.880764	0.970848	-1.03003	0.675747	1.08645	1.08645	0.138877	1.36889	1.36889	3.59885	2.21439	0.546936	1
cg17986463	RAET1K	0.00123685	0.258564	1.23322	1.23322	0.00497692	0.516268	-1.93698	0.833055	0.96316	-1.03825	0.0111511	0.567954	-1.76071	0.0471108	0.667623	-1.49785	0.0523724	0.675474	-1.48044	0.000215467	2.99899	2.99899	0.00873689	0.552075	-1.81135	0.0519749	0.674906	-1.48169	11.0757	5.54717	0.445192	1
cg25797454	RAET1K	0.0051228	0.385337	0.673652	-1.48444	0.292235	0.615675	-1.62423	0.0213106	0.292788	-3.41544	0.00767593	0.218539	-4.57584	0.00110357	0.118258	-8.45607	0.0689667	0.405219	-2.4678	0.00117227	0.120726	-8.28323	0.00370584	0.175425	-5.70045	0.0215456	0.293688	-3.40498	7.2844	22.7297	2.77362	1
cg13079232	RAET1K	0.0213641	0.947887	0.993638	-1.0064	0.0110432	1.36508	1.36508	0.136494	1.16956	1.16956	0.408713	1.086	1.086	0.00553708	1.42746	1.42746	0.152888	1.16121	1.16121	0.594779	1.05382	1.05382	0.16906	0.866708	-1.15379	0.00517543	1.43387	1.43387	4.59993	0.69447	0.134199	1
cg25124999	RAET1K	0.0253808	0.0314209	0.386129	-2.58981	0.449335	0.747769	-1.33731	0.982841	0.991924	-1.00814	0.00161275	0.181816	-5.50007	0.00665148	0.265066	-3.77265	0.200085	0.600298	-1.66584	0.161289	0.568909	-1.75775	0.71259	1.1497	1.1497	0.748135	0.885621	-1.12915	4.33436	9.75811	2.00119	1
cg13680320	RAET1K	0.0348608	0.520987	0.796816	-1.25499	0.947134	0.977115	-1.02342	0.0262665	0.398415	-2.50995	0.496728	0.785909	-1.27241	0.372477	0.726392	-1.37667	0.0231754	0.387634	-2.57975	0.0221079	0.383639	-2.60662	0.00343331	0.249648	-4.00563	0.0386416	0.433354	-2.30758	3.87271	7.47609	1.71596	1
cg20226154	RAET1L	0.0100975	0.047895	0.421922	-2.37011	0.873501	0.94102	-1.06268	0.00319791	0.215332	-4.64399	0.223351	0.613773	-1.62927	0.00515132	0.244269	-4.09384	0.00571605	0.250939	-3.98503	0.0464072	0.41878	-2.38789	0.392374	0.715828	-1.39698	0.0795452	2.10115	2.10115	5.89229	13.5843	2.04928	1
cg08119607	RAET1L	0.0116782	0.491143	0.737107	-1.35665	0.0330132	2.96662	2.96662	0.285036	0.616099	-1.62312	0.635874	0.81218	-1.23125	0.151062	0.511134	-1.95643	0.128358	0.488251	-2.04813	0.0934612	0.447213	-2.23607	0.0675604	2.44311	2.44311	0.00126059	7.79378	7.79378	5.62282	16.9421	2.67831	1
cg23231670	RAET1L	0.0153662	0.0238181	0.458952	-2.17888	0.075176	0.564341	-1.77198	0.0763355	0.565901	-1.76709	0.647017	1.14239	1.14239	0.0360655	0.494626	-2.02173	0.00163097	0.271679	-3.68081	0.218586	0.688228	-1.45301	0.291708	1.37148	1.37148	0.151454	1.5586	1.5586	5.1395	6.78617	1.17368	1
cg07579404	RAET1L	0.0190183	0.0120698	0.348359	-2.8706	0.893976	1.04595	1.04595	0.610346	0.841013	-1.18904	0.427749	0.761252	-1.31362	0.0360641	0.43981	-2.27371	0.00623446	0.30085	-3.32391	0.0811318	0.521268	-1.9184	0.974262	1.01093	1.01093	0.0184973	2.61821	2.61821	4.7855	8.60314	1.598	1
cg23332193	RAF1	8.26E-05	0.0524483	0.611202	-1.63612	0.379323	1.22304	1.22304	0.00133201	0.352907	-2.83361	0.766191	0.935596	-1.06884	1.97E-05	0.144918	-6.90047	9.63E-05	0.212511	-4.70565	3.82E-05	0.171511	-5.83052	0.0955797	1.50488	1.50488	0.00203777	0.378786	-2.64001	23.3013	18.3914	0.701588	1
cg13703021	RAF1	0.00299748	0.0321324	0.589308	-1.69691	0.0246186	1.75752	1.75752	0.0308635	1.70591	1.70591	0.127486	0.706653	-1.41512	0.0119919	0.51669	-1.9354	0.104791	0.688325	-1.4528	0.000960715	0.354856	-2.81804	0.00768383	0.485921	-2.05795	0.0442136	0.614478	-1.6274	8.56029	6.01791	0.624892	1
cg12302912	RAF1	0.00563644	0.00563408	0.845303	-1.18301	0.202513	1.06421	1.06421	0.0217072	1.13594	1.13594	0.125293	0.92613	-1.07976	0.859955	0.991865	-1.0082	0.110096	0.922609	-1.08388	0.00670448	1.17662	1.17662	0.0161068	1.14592	1.14592	0.0323868	1.12285	1.12285	7.07409	0.239692	0.0301183	1
cg00496504	RAF1	0.00806489	0.0232045	2.2527	2.2527	0.00288544	3.40861	3.40861	0.543457	0.831892	-1.20208	0.00655514	2.87735	2.87735	0.1641	0.641253	-1.55945	0.218663	1.47284	1.47284	0.121258	1.65333	1.65333	0.00321421	3.33151	3.33151	0.0430458	2.00716	2.00716	6.32804	8.97625	1.26088	1
cg11297934	RAF1	0.00817699	0.595194	1.08361	1.08361	0.239519	1.20254	1.20254	0.0615005	1.37086	1.37086	0.0294689	0.68117	-1.46806	0.00480855	0.571066	-1.75111	0.156165	0.796781	-1.25505	0.0124096	1.59363	1.59363	0.0147419	0.637986	-1.56743	0.430629	1.12802	1.12802	6.30058	2.23765	0.315688	1
cg02420927	RAF1	0.00861073	0.236083	1.19151	1.19151	0.00359819	0.573313	-1.74425	0.0133494	0.648845	-1.5412	0.49252	1.10337	1.10337	0.267929	0.849707	-1.17688	0.0311901	0.699878	-1.42882	0.00226124	0.547157	-1.82763	0.161207	0.80963	-1.23513	?	?	?	6.32472	1.77346	0.280402	1
cg00714198	RAF1	0.0107196	?	?	?	0.109253	3.16239	3.16239	0.0561364	4.3269	4.3269	0.819851	0.867611	-1.15259	0.00437038	0.0541848	-18.4553	?	?	?	?	?	?	0.0247949	6.52793	6.52793	0.0306059	0.170932	-5.85028	10.3425	38.7589	3.12294	1
cg15049358	RAF1	0.0152325	0.797024	1.0866	1.0866	0.192846	0.641389	-1.55912	0.0320788	0.445225	-2.24605	0.736575	1.11494	1.11494	0.0373253	0.458965	-2.17881	0.00487116	0.300353	-3.32941	0.00719347	0.326926	-3.05879	0.249032	1.47442	1.47442	0.012027	0.364446	-2.74389	5.15439	8.47747	1.46196	1
cg15132559	RAF1;RAF1	3.99E-05	1.31E-06	0.391759	-2.55259	0.318922	0.925132	-1.08093	0.200726	0.902941	-1.10749	0.000380232	0.651293	-1.53541	0.539296	1.04807	1.04807	0.167188	0.894719	-1.11767	0.22042	1.10223	1.10223	0.628268	1.03755	1.03755	0.000378153	1.53595	1.53595	28.2569	2.55432	0.0803521	1
cg18422371	RAG1	0.000173859	0.00607907	0.294495	-3.39565	4.68E-05	0.0727339	-13.7487	0.0270382	0.409269	-2.44338	0.112435	0.554452	-1.80358	2.70E-05	0.0591208	-16.9145	0.158567	0.597894	-1.67254	7.84E-05	0.0873555	-11.4475	0.0111234	0.337486	-2.96308	0.00122198	0.19895	-5.02639	19.0813	35.1977	1.63966	1
cg11494699	RAG1	0.000435156	0.0245115	0.611595	-1.63507	0.10668	1.38162	1.38162	5.20E-05	0.249348	-4.01046	0.00189005	0.445668	-2.24382	0.202407	0.781156	-1.28015	0.130872	0.741295	-1.34899	0.00077343	2.5444	2.5444	0.0745186	0.694463	-1.43996	0.668884	1.08216	1.08216	14.8508	7.92117	0.474118	1
cg25154959	RAG1	0.00311166	0.446671	1.23003	1.23003	0.202716	0.698395	-1.43185	0.00114208	0.278928	-3.58516	0.856191	0.952731	-1.04961	0.00134539	0.288411	-3.46728	0.482645	0.826575	-1.20981	0.85078	0.950972	-1.05156	0.55111	0.851307	-1.17466	0.000334842	0.213472	-4.68445	8.46571	9.55328	1.00308	1
cg07665575	RAG1	0.00972983	0.0792419	0.594984	-1.68072	0.00298558	0.337742	-2.96084	0.00532642	0.375916	-2.66017	0.161207	0.671164	-1.48995	0.00255749	0.327942	-3.04932	0.85789	0.95336	-1.04892	0.0726941	0.586504	-1.70502	0.258961	1.36868	1.36868	0.034982	0.519576	-1.92465	5.96257	6.70584	0.999694	1
cg08285589	RAG1	0.0197947	0.356622	1.58945	1.58945	0.158228	0.478414	-2.09024	0.0143416	0.228664	-4.37324	0.799678	0.883133	-1.13233	0.00304146	0.164142	-6.09228	0.741442	0.850589	-1.17566	0.00404036	0.152049	-6.57682	[illegible]	[illegible]	[illegible]	[illegible]	0.413506	-2.41834	4.72108	17.8609	3.36287	1
cg01554474	RAG1AP1;RAG1AP1;RAG1AP1	0.00169781	0.135091	0.716375	-1.39592	0.000325137	3.33077	3.33077	0.0694392	1.52276	1.52276	0.00329517	2.29106	2.29106	0.344314	0.817338	-1.22348	0.00253892	2.38076	2.38076	0.0463335	0.623383	-1.60415	0.0183045	1.80926	1.80926	0.622543	1.1082	1.1082	10.1116	6.86635	0.603608	1
cg26189283	RAG1AP1;RAG1AP1;RAG1AP1	0.00237294	0.000204573	0.0886094	-11.2855	0.218001	1.6564	1.6564	0.500758	0.76633	-1.30492	0.794869	1.10679	1.10679	0.00180889	0.177704	-5.62735	0.270112	0.639421	-1.56391	0.00870075	0.271977	-3.67678	0.131779	0.530714	-1.88425	0.00328425	0.210122	-4.75913	9.1716	22.0295	2.13505	1
cg24704182	RAG1AP1;RAG1AP1;RAG1AP1	0.0172723	0.0524753	0.615859	-1.62375	0.0572375	1.6046	1.6046	0.204129	1.3426	1.3426	0.0136452	0.511362	-1.95556	0.0422813	0.597965	-1.67234	0.048444	0.609176	-1.64156	0.222727	0.754525	-1.32534	0.287329	0.78438	-1.27489	0.00748361	0.469122	-2.13164	4.94312	3.78328	0.680322	1
cg24610274	RAG1AP1;RAG1AP1;RAG1AP1	0.0276836	0.237968	0.4828	-2.07125	0.0102256	7.13987	7.13987	0.00517599	9.57067	9.57067	0.739333	0.822495	-1.21581	0.141015	0.392006	-2.55098	0.122401	2.69503	2.69503	?	?	?	0.414492	1.63152	1.63152	0.87785	1.09414	1.09414	4.7124	22.2161	4.1251	1
cg17015133	RAG1AP1;RAG1AP1;RAG1AP1	0.0361237	0.102128	0.629092	-1.58959	0.00733507	2.4484	2.4484	0.652053	0.889059	-1.12479	0.859846	1.04685	1.04685	0.0204048	0.484806	-2.06268	0.0897573	0.615976	-1.62344	0.906247	1.03099	1.03099	0.541921	1.17345	1.17345	0.110797	0.637555	-1.56849	3.82307	4.0637	0.944837	1
cg12078486	RAG1AP1;RAG1AP1;RAG1AP1;RAG1AP1;RAG1AP1;RAG1AP1	0.0383957	0.293773	1.15733	1.15733	0.0207922	1.45264	1.45264	0.349502	1.13794	1.13794	0.627494	1.06781	1.06781	0.880181	1.02044	1.02044	0.104647	0.788223	-1.26868	0.149876	0.812912	-1.23015	0.0441545	1.36376	1.36376	0.0215561	0.690509	-1.44821	3.73893	1.06603	0.253437	1
cg21671607	RAG2;C11orf74	0.029028	0.101571	1.36148	1.36148	0.984812	0.996728	-1.00328	0.00407116	1.94214	1.94214	0.0244632	1.58636	1.58636	0.380635	0.856577	-1.16744	0.830145	0.963694	-1.03767	0.156942	1.29771	1.29771	0.0438977	1.48985	1.48985	0.016946	1.65076	1.65076	4.13482	1.94068	0.4172	1
cg00789545	RAGE	0.00019422	0.108152	0.633396	-1.57878	0.000413	7.63387	7.63387	0.000411281	4.75205	4.75205	0.231985	1.38359	1.38359	3.52E-05	0.115496	-8.65833	0.128818	1.53286	1.53286	0.833902	0.947499	-1.05541	[illegible]	1.59138	1.59138	0.214884	1.40263	1.40263	23.7358	24.3287	0.797207	1
cg04824247	RAGE	0.000275864	1.31E-05	0.190971	-5.23639	0.00368552	2.03568	2.03568	0.279594	0.815818	-1.22576	0.881568	0.973363	-1.02737	0.00312735	0.481079	-2.07866	0.0653643	1.45442	1.45442	0.493596	1.13417	1.13417	0.0213851	1.64995	1.64995	0.309609	0.826618	-1.20975	16.8317	8.74259	0.461699	1
cg10516465	RAGE	0.00262038	0.10382	1.45578	1.45578	0.000853306	0.347161	-2.88051	0.510517	0.868553	-1.15134	0.121278	0.701384	-1.42575	0.00725812	0.481303	-2.07769	0.0918668	0.675824	-1.47968	0.00202058	2.50795	2.50795	0.0284689	0.579321	-1.72616	0.770373	0.940074	-1.06375	8.90775	6.28915	0.627583	1
cg11778749	RAGE	0.00270152	0.442677	0.791919	-1.26276	0.00133153	0.248908	-4.01755	0.00176959	0.26525	-3.77003	0.573187	1.18491	1.18491	0.297285	0.724656	-1.37996	0.937929	1.02348	1.02348	0.000261589	0.167149	-5.98267	0.579665	1.18146	1.18146	0.0451233	0.504013	-1.98408	8.82793	12.4203	1.25061	1
cg06604447	RAGE	0.00546868	0.0335092	0.74629	-1.33996	0.518528	0.925783	-1.08017	0.00850764	0.673234	-1.48537	0.948107	1.0077	1.0077	0.000297714	0.500077	-1.99969	0.0120421	0.691464	-1.44621	0.00511913	0.646771	-1.54614	0.241758	0.865575	-1.1553	0.0409234	0.757304	-1.32047	7.14006	1.56975	0.195423	1
cg21007691	RAGE	0.00817899	0.386154	0.838102	-1.19317	0.000345367	[illegible]	[illegible]	[illegible]	0.551826	-1.81216	0.906166	0.97683	-1.02372	0.749512	0.938302	-1.06575	0.0966221	0.695851	-1.43709	[illegible]	[illegible]	[illegible]	[illegible]	0.643499	-1.554	[illegible]	0.785473	-1.27312	6.3001	3.94356	0.556402	1
cg10924374	RAGE	0.00842796	0.254004	0.901344	-1.10945	0.507409	1.0604	1.0604	0.664318	0.962642	-1.03881	0.0761408	1.18777	1.18777	0.23897	0.898043	-1.11353	0.00215103	1.45608	1.45608	0.000208987	0.685452	-1.45889	0.177802	1.133	1.133	0.432727	0.932568	-1.07231	6.24078	0.751544	0.107044	1
cg18700813	RAGE	0.0108738	0.328977	0.819709	-1.21995	0.135577	0.728033	-1.37356	0.253009	0.790109	-1.26565	0.158594	1.34632	1.34632	0.0020506	0.424352	-2.35654	0.269043	0.796808	-1.25501	0.122338	1.39153	1.39153	0.0663494	1.50131	1.50131	0.00658914	0.498491	-2.00605	5.75386	3.54833	0.548167	1
cg05036993	RAGE	0.0146549	0.0212435	0.248361	-4.02639	0.0138198	0.216448	-4.62006	0.0445801	0.313484	-3.18995	0.169858	0.479315	-2.08631	0.0636067	0.350305	-2.85466	0.073228	0.366113	-2.7314	0.0765889	0.371308	-2.69318	0.000758972	0.0767527	-13.0289	0.717451	1.20055	1.20055	5.22069	20.9175	3.56147	1
cg19441646	RAGE	0.0205117	0.0438558	1.55965	1.55965	0.765869	1.05897	1.05897	0.787307	1.05326	1.05326	[illegible]	1.39231	1.39231	[illegible]	[illegible]	[illegible]	0.646936	1.10553	1.10553	0.00615336	2.7506	2.7506	[illegible]	1.6155	1.6155	0.073251	1.46707	1.46707	4.6643	2.71952	0.518268	1
cg01806195	RAGE	0.0274094	0.179787	1.87767	1.87767	0.00911628	4.32748	4.32748	0.373207	1.49819	1.49819	0.0578495	2.58146	2.58146	0.142084	0.497589	-2.00969	0.920343	1.04523	1.04523	0.0200481	3.4394	3.4394	0.00654438	4.76929	4.76929	0.848384	1.08833	1.08833	4.21931	13.0685	2.75316	1
cg23470196	RAGE	0.0298118	0.0463077	0.710496	-1.40747	0.185536	1.23393	1.23393	0.456328	1.1203	1.1203	0.0388696	1.43058	1.43058	0.328048	0.859708	-1.16319	0.00311602	1.83195	1.83195	0.102992	1.30615	1.30615	[illegible]	1.10621	1.10621	0.967153	0.993853	-1.00618	4.59497	1.45438	0.315623	1
cg10891008	RAGE	0.035657	0.0427347	0.682337	-1.46555	0.352347	0.854848	-1.1698	0.0801913	0.727553	-1.37447	0.37487	0.861353	-1.16096	0.00202904	0.490115	-2.04034	0.426801	0.875497	-1.14221	0.146664	0.774702	-1.29082	0.131876	0.766053	-1.30539	0.00844153	0.57629	-1.73524	3.84116	1.6336	0.378033	1
cg02022488	RAGE	0.0380413	0.566812	1.24293	1.24293	0.029869	0.382919	-2.61152	0.202865	0.603526	-1.65693	0.758114	0.890447	-1.12303	0.00111688	0.16477	-6.06907	0.135516	0.546442	-1.83002	0.159768	0.568777	-1.75816	0.271536	0.650537	-1.53719	0.347865	0.695545	-1.43772	3.75164	8.38371	1.98638	1
cg06876107	RAGE	0.0445032	0.199752	0.772182	-1.29503	0.133903	1.3614	1.3614	0.23919	1.26521	1.26521	0.39858	1.17933	1.17933	0.572758	0.896942	-1.1149	0.923387	1.01853	1.01853	0.00258864	0.450759	-2.21848	0.11617	0.721916	-1.3852	0.355782	0.834203	-1.19875	3.5402	2.04216	0.512756	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1111 vs. N)	Fold-Change(1 vs.1111)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	Ratio(1217 vs. N)	Fold-Change(1 vs.1217)	Ratio(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
ch2	58138	RAGE	0.9497154	1.12430	1.10823	1.09823	1.02219512	1.59466	1.59466	0.4746371	1.08222	1.082222	0.3075648	0.8815562	1.15233	0.8658085	1.166431	1.166431	0.7866441	0.972328	-1.02846	0.327476	0.895973	-1.1161	0.95862	1.005665	1.005651	0.8931222	1.01501	1.39549	0.6370818	0.166243	1
cg07753786	RAGE;RAGE	0.0175446	0.951524	1.01008	1.01008	0.01097161	1.69277	1.69277	0.0604005	1.41802	1.418022	0.0283732	1.5323	1.5323	0.086585	1.36643	1.36643	0.006272821	1.79914	1.79914	0.0028209	0.491726	0.2042809	1.97255	1.972555	0.0324413	1.51227	1.51227	0.1429977	1.29647	4.19726	2.11837	0.382936	1
cg12837552	RAI1	0.000299628	1.20E-05	0.0321283	-31.1252	0.1986461	0.603477	-1.65707	0.00272899	0.2147551	-4.65655	?	?	?	0.0450551	0.425268	-2.35146	0.207199	0.609852	-1.63974	0.0397353	0.4131105	-2.42069	0.000779715	0.1511124	-6.61706	0.000598126	0.139554	-7.16566	16.864	32.8184	1.94607	1
cg07703843	RAI1	0.000973163	0.167416	0.853761	-1.17129	0.00021095	0.5139968	-1.94565	0.04899514	0.7854644	-1.27313	0.9648236	1.27699	1.27699	0.9600116	1.0054	1.0054	0.048485	1.27402	1.27402	0.00167104	1.62083	1.62083	0.021596	0.7434485	-1.34502	0.0149159	0.7249356	-1.37939	11.8576	2.16767	0.162496	1
cg13658093	RAI1	0.00120772	0.00204277	2.26604	2.26604	0.000317095	2.97714	2.99714	0.000197798	3.24442	3.24442	0.0830282	1.43503	1.435103	0.135324	1.35383	1.35383	0.17663	1.33107	1.33107	0.0303064	2.12336	2.12336	0.00197576	2.27649	2.27649	0.0144313	1.76365	11.7653	6.25488	0.498585	1
cg01712153	RAI1	0.00197656	0.108504	0.827063	-1.20991	0.182485	0.857747	-1.16584	0.026444	0.7517	-1.33032	0.0146611	1.38559	1.38559	0.0143586	0.72084	-1.38727	0.3230655	1.11706	1.11706	0.0003547	2.1622	1.8627	1.8627	0.0263019	0.753425	-1.33081	0.0988023	0.821768	-1.21689	0.67506	1.802038	0.165592	1
cg04581327	RAI1	0.0058489	0.063806	1.81873	1.81873	0.8113369	1.07105	1.07105	0.245402	0.705541	-1.41735	0.697605	1.11862	1.11862	0.181205	0.665311	-1.50306	0.0148652	2.36334	2.36334	0.225883	0.694138	-1.44063	0.00033235	0.1896351	-5.27329	0.121047	0.617163	-1.62032	6.99397	9.12873	1.1602	1
cg23051272	RAI1	0.00595609	0.0620492	0.451267	-2.21598	0.2079321	0.140558	1.94558	0.9473242	1.02523	1.02523	0.3763132	0.7090841	-1.41036	0.0466894	0.422091	-2.36933	0.457926	0.750651	-1.33218	0.0005085	0.7048391	-1.41936	0.004021	0.9605441	1.04121	0.8603	0.960544	-1.04161	0.0609085	0.449299	-2.22569	6.95458	15.7993	2.01936	1
cg06488957	RAI1	0.00711789	0.00455951	0.585224	-1.70875	0.0136099	1.54112	1.54112	0.942427	1.0303	1.03033	0.7035318	-1.42143	0.057146	1.29097	1.29097	1.29097	0.0050383	1.66843	1.66843	0.303089	0.7747162	-1.2908	0.546388	0.9170972	-1.09043	0.990433	1.0012	1.0017	0.58074	2.09622	2.283146	1
cg02483128	RAI1	0.00926374	0.43565	0.812576	-1.23065	0.000212165	5.02938	5.02938	0.097041	1.60844	1.60844	0.426752	0.809158	-1.23585	0.538557	0.850026	-1.17644	0.691278	0.90108	-1.10978	0.536095	1.18054	1.18054	0.859255	0.954739	-1.04741	0.0354513	1.89458	1.89458	6.05655	6.53188	0.958651	1
cg08761997	RAI1	0.01287	0.174293	0.960291	-1.04161	0.8427595	1.17303	1.17303	0.162354	1.2154	1.2154	0.6189188	1.10082	1.10082	0.7712677	0.9626496	-1.03875	0.817885	1.03071	1.03071	0.7734	0.9626956	-1.03875	0.4178254	1.1405	1.14405	0.544386	1.088377	0.8495172	0.745689	1.34305	5.448	1.47563	0.240763	1
cg14767407	RAI1	0.0138269	0.00355777	0.378362	-2.64297	0.8793044	0.963312	-1.03809	0.137588	0.6747117	-1.48212	0.652792	0.8945511	-1.11788	0.43523	0.8221102	-1.21639	0.528285	1.17025	1.17025	0.000931202	0.2964043	-3.37378	0.1848521	1.41346	1.41346	0.9642125	1.0111	1.0111	5.3216	5.10302	0.852379	1
cg00351781	RAI1	0.0155243	0.193752	0.674681	-1.48218	0.0435907	0.574438	-1.74125	0.0823748	0.8407348	1.0414	1.0414	0.91879	1.02062	1.020652794	0.9794704	1.037708	-2.96514	1.03881	1.03881	0.01687763	3.04404	3.04404	0.1814645	0.6609766	-1.49106	0.874568	0.955905	-1.04613	5.12208	6.64403	1.15301	1
cg15968409	RAI1	0.0155559	0.14202	0.744779	-1.34268	0.000643393	2.65802	2.65802	0.0433207	0.956778	-1.04517	0.342488	0.833136	-1.20028	0.4408891	1.15801	1.15801	0.645266	0.917112	-1.09038	0.564577	1.11483	1.11483	0.1154371	0.75233	-1.3292	0.0420956	1.54828	1.54828	5.11863	2.8246	0.490513	1
cg06775073	RAI1	0.0158311	0.00355815	0.37367	0.37367	0.6520018	1.23723	1.23723	0.642087	1.2447	1.2447	0.883263	2.45757	2.45757	0.562947	0.760137	-1.31555	0.374916	1.53275	1.53275	0.16061	0.495187	-2.01944	0.0224772	0.03531	7.03531	0.027312	3.40283	3.40283	5.08892	17.7233	3.09576	1
cg03910652	RAI1	0.0225238	0.555582	0.521393	-1.91794	0.515862	1.05376	1.05376	0.0133445	0.6773691	1.47643	21.6971	0.0158894	10.6555	0.6555	0.312847	3.196902	0.765214	1.38703	1.38703	0.04026	0.0751282	-13.3106	0.00332637	78.7353	78.753	0.748572	1.42091	1.42091	4.57315	85.7502	16.7996	1
cg01278232	RAI1	0.0236875	0.2404013	1.31598	1.31598	0.2416617	1.31497	1.31497	0.192665	1.36072	1.36072	0.0302683	0.5660367	-1.76658	0.007618434	0.464626	-2.15227	0.441675	1.19156	1.19156	0.0132642	0.5037775	-1.98501	0.4408838	1.19196	1.19196	0.2909995	0.782867	-1.27736	4.43948	3.50897	0.702577	1
cg02147681	RAI1	0.0260609	0.0286317	0.71869	0.71869	0.288295	0.378792	-2.63997	0.5491004	1.70543	1.70543	0.0834683	5.40416	5.40416	0.440305	0.49983	-2.00068	0.451731	1.96435	1.96435	0.80912	1.23752	1.23752	0.00456093	40.8436	40.8436	0.0147451	14.053	14.053	4.29421	52.7393	10.9169	1
cg23968558	RAI1	0.0270854	0.08114438	0.7771132	-1.28675	0.113698	0.798613	-1.25217	0.0110036	0.6509705	-1.51583	0.0454648	0.741446	-1.34872	0.0781374	0.774743	-1.29075	0.245	0.85351	-1.17163	0.2675144	1.59256	1.59256	0.00302131	0.5385562	-1.66908	0.899326	0.985631	-1.01664	4.23697	1.14106	0.2393388	1
cg13000649	RAI1	0.0280715	0.593219	0.914831	-1.0931	0.17942	1.26545	1.26545	0.0981937	1.34912	1.34912	0.232355	0.813203	-1.2297	0.232184	1.22981	1.22981	0.0201918	1.58801	1.58801	0.00589324	0.5516551	-1.81274	0.373178	0.8599091	-1.16291	0.25356	0.821331	-1.21757	4.18402	1.80612	0.383708	1
cg21126828	RAI1	0.0284496	0.1980885	1.32951	1.32951	0.1643197	1.39303	1.39303	0.0993111	1.39918	1.39918	0.1731814	1.30985	1.30985	0.3795267	0.8438307	-1.18451	0.0516284	1.51084	1.51084	0.00866682	2.53075	2.5375	0.5541795	0.8648523	-1.11791	0.592743	1.10581	1.10581	4.16433	2.28889	0.488571	1
cg06000345	RAI1	0.0299046	0.491598	0.769298	-1.29989	0.00200837	4.64768	4.64768	0.0213607	2.82481	2.82481	0.0978214	1.97767	1.97767	0.0254547	1.20287	1.20287	0.0656578	0.460427	-2.1719	0.6743656	1.17195	1.17195	0.150328	1.78405	1.78405	0.579778	1.23367	1.23367	4.09145	9.13463	1.98454	1
cg03277494	RAI1	0.0311062	0.8819923	1.04983	1.04983	0.7583717	1.16871	1.16871	0.0547267	1.34684	1.34684	0.0453794	0.8447655	1.18418	1.36844	0.7307284	1.36844	0.0894838	1.87259	1.87259	0.0453794	0.5970881	-1.67462	0.3967894	1.21526	1.21526	0.100215	0.667212	1.49877	0.43451	2.30164	0.770679	1
cg00073010	RAI1	0.0341201	0.0933303	0.799708	-1.25046	0.4142119	1.10635	1.10635	0.0100796	1.48167	1.48167	0.241281	1.16013	1.16013	0.00787134	1.51113	1.51113	0.1324551	0.821526	-1.21725	0.4112134	1.10711	1.10711	0.580452	0.9346533	-1.06994	0.55826	1.07432	1.07432	3.90287	0.9063322	0.206417	1
cg19285752	RAI1	0.0403422	0.487473	0.876938	-1.14033	0.0226669	1.16179	1.66179	0.4091292	0.8545931	-1.17053	0.866494	0.9691654	-1.03182	0.6147129	0.675586	-1.4802	0.0284009	0.617806	-1.61863	0.0191885	1.69665	1.69665	0.846855	0.9646446	-1.03665	0.675178	0.924544	-1.08161	3.67159	2.01506	0.487845	1
cg08095130	RAI1	0.0422347	0.1295919	1.29584	1.29584	0.1633729	1.83405	1.83405	0.0013116	1.72234	1.72234	0.0155004	1.29213	1.29213	0.1594577	0.8348464	-1.19784	0.9350233	1.02734	1.02734	0.8213337	0.9738	0.959026	1.04174	0.9348773	0.6243165	-1.60056	0.365863	0.733274	-1.36375	0.51735	0.2889	1.5893	1
cg07439962	RAI1	0.046401	0.334729	0.919728	-1.08728	0.0223237	1.25898	1.25898	0.780769	0.976806	-1.02375	0.950419	0.994783	-1.00524	0.384366	1.07791	1.07791	0.389133	0.928455	-1.07706	0.0420662	0.8211744	-1.21777	0.150346	0.878377	-1.13846	0.0167522	1.27837	1.27837	3.4852	0.390514	0.0995994	1
cg05661249	RAI1;RAI1-AS1;RAI1-AS2;RAI1-AS3;RAI1-AS4;RAI1-AS5;RAI1-AS6;RAI1-AS7;RAI1-AS8;RAI1-AS9;RAI1-AS10;RAI1-AS11;RAI1-AS12;RAI1-AS13;RAI1-AS14;RAI1-AS15;RAI1-AS16;RAI1-AS17;RAI1-AS18;RAI1-AS19;RAI1-AS20;RAI1-AS21;RAI1-AS22;RAI1-AS23;RAI1-AS24;RAI1-AS25;RAI1-AS26;RAI1-AS27;RAI1-AS28;RAI1-AS29;RAI1-AS30;RAI1-AS31;RAI1-AS32;RAI1-AS33;RAI1-AS34;RAI1-AS35;RAI1-AS36;RAI1-AS37;RAI1-AS38;RAI1-AS39;RAI1-AS40;RAI1-AS41;RAI1-AS42;RAI1-AS43;RAI1-AS44;RAI1-AS45;RAI1-AS46;RAI1-AS47;RAI1-AS48;RAI1-AS49;RAI1-AS50;RAI1-AS51;RAI1-AS52;RAI1-AS53;RAI1-AS54;RAI1-AS55;RAI1-AS56;RAI1-AS57;RAI1-AS58;RAI1-AS59;RAI1-AS60;RAI1-AS61;RAI1-AS62;RAI1-AS63;RAI1-AS64;RAI1-AS65;RAI1-AS66;RAI1-AS67;RAI1-AS68;RAI1-AS69;RAI1-AS70;RAI1-AS71;RAI1-AS72;RAI1-AS73;RAI1-AS74;RAI1-AS75;RAI1-AS76;RAI1-AS77;RAI1-AS78;RAI1-AS79;RAI1-AS80;RAI1-AS81;RAI1-AS82;RAI1-AS83;RAI1-AS84;RAI1-AS85;RAI1-AS86;RAI1-AS87;RAI1-AS88;RAI1-AS89;RAI1-AS90;RAI1-AS91;RAI1-AS92;RAI1-AS93;RAI1-AS94;RAI1-AS95;RAI1-AS96;RAI1-AS97;RAI1-AS98;RAI1-AS99;RAI1-AS100;RAI1-AS101;RAI1-AS102;RAI1-AS103;RAI1-AS104;RAI1-AS105;RAI1-AS106;RAI1-AS107;RAI1-AS108;RAI1-AS109;RAI1-AS110;RAI1-AS111;RAI1-AS112;RAI1-AS113;RAI1-AS114;RAI1-AS115;RAI1-AS116;RAI1-AS117;RAI1-AS118;RAI1-AS119;RAI1-AS120;RAI1-AS121;RAI1-AS122;RAI1-AS123;RAI1-AS124;RAI1-AS125;RAI1-AS126;RAI1-AS127;RAI1-AS128;RAI1-AS129;RAI1-AS130;RAI1-AS131;RAI1-AS132;RAI1-AS133;RAI1-AS134;RAI1-AS135;RAI1-AS136;RAI1-AS137;RAI1-AS138;RAI1-AS139;RAI1-AS140;RAI1-AS141;RAI1-AS142;RAI1-AS143;RAI1-AS144;RAI1-AS145;RAI1-AS146;RAI1-AS147;RAI1-AS148;RAI1-AS149;RAI1-AS150;RAI1-AS151;RAI1-AS152;RAI1-AS153;RAI1-AS154;RAI1-AS155;RAI1-AS156;RAI1-AS157;RAI1-AS158;RAI1-AS159;RAI1-AS160;RAI1-AS161;RAI1-AS162;RAI1-AS163;RAI1-AS164;RAI1-AS165;RAI1-AS166;RAI1-AS167;RAI1-AS168;RAI1-AS169;RAI1-AS170;RAI1-AS171;RAI1-AS172;RAI1-AS173;RAI1-AS174;RAI1-AS175;RAI1-AS176;RAI1-AS177;RAI1-AS178;RAI1-AS179;RAI1-AS180;RAI1-AS181;RAI1-AS182;RAI1-AS183;RAI1-AS184;RAI1-AS185;RAI1-AS186;RAI1-AS187;RAI1-AS188;RAI1-AS189;RAI1-AS190;RAI1-AS191;RAI1-AS192;RAI1-AS193;RAI1-AS194;RAI1-AS195;RAI1-AS196;RAI1-AS197;RAI1-AS198;RAI1-AS199;RAI1-AS200;RAI1-AS201;RAI1-AS202;RAI1-AS203;RAI1-AS204;RAI1-AS205;RAI1-AS206;RAI1-AS207;RAI1-AS208;RAI1-AS209;RAI1-AS210;RAI1-AS211;RAI1-AS212;RAI1-AS213;RAI1-AS214;RAI1-AS215;RAI1-AS216;RAI1-AS217;RAI1-AS218;RAI1-AS219;RAI1-AS220;RAI1-AS221;RAI1-AS222;RAI1-AS223;RAI1-AS224;RAI1-AS225;RAI1-AS226;RAI1-AS227;RAI1-AS228;RAI1-AS229;RAI1-AS230;RAI1-AS231;RAI1-AS232;RAI1-AS233;RAI1-AS234;RAI1-AS235;RAI1-AS236;RAI1-AS237;RAI1-AS238;RAI1-AS239;RAI1-AS240;RAI1-AS241;RAI1-AS242;RAI1-AS243;RAI1-AS244;RAI1-AS245;RAI1-AS246;RAI1-AS247;RAI1-AS248;RAI1-AS249;RAI1-AS250;RAI1-AS251;RAI1-AS252;RAI1-AS253;RAI1-AS254;RAI1-AS255;RAI1-AS256;RAI1-AS257;RAI1-AS258;RAI1-AS259;RAI1-AS260;RAI1-AS261;RAI1-AS262;RAI1-AS263;RAI1-AS264;RAI1-AS265;RAI1-AS266;RAI1-AS267;RAI1-AS268;RAI1-AS269;RAI1-AS270;RAI1-AS271;RAI1-AS272;RAI1-AS273;RAI1-AS274;RAI1-AS275;RAI1-AS276;RAI1-AS277;RAI1-AS278;RAI1-AS279;RAI1-AS280;RAI1-AS281;RAI1-AS282;RAI1-AS283;RAI1-AS284;RAI1-AS285;RAI1-AS286;RAI1-AS287;RAI1-AS288;RAI1-AS289;RAI1-AS290;RAI1-AS291;RAI1-AS292;RAI1-AS293;RAI1-AS294;RAI1-AS295;RAI1-AS296;RAI1-AS297;RAI1-AS298;RAI1-AS299;RAI1-AS300;RAI1-AS301;RAI1-AS302;RAI1-AS303;RAI1-AS304;RAI1-AS305;RAI1-AS306;RAI1-AS307;RAI1-AS308;RAI1-AS309;RAI1-AS310;RAI1-AS311;RAI1-AS312;RAI1-AS313;RAI1-AS314;RAI1-AS315;RAI1-AS316;RAI1-AS317;RAI1-AS318;RAI1-AS319;RAI1-AS320;RAI1-AS321;RAI1-AS322;RAI1-AS323;RAI1-AS324;RAI1-AS325;RAI1-AS326;RAI1-AS327;RAI1-AS328;RAI1-AS329;RAI1-AS330;RAI1-AS331;RAI1-AS332;RAI1-AS333;RAI1-AS334;RAI1-AS335;RAI1-AS336;RAI1-AS337;RAI1-AS338;RAI1-AS339;RAI1-AS340;RAI1-AS341;RAI1-AS342;RAI1-AS343;RAI1-AS344;RAI1-AS345;RAI1-AS346;RAI1-AS347;RAI1-AS348;RAI1-AS349;RAI1-AS350;RAI1-AS351;RAI1-AS352;RAI1-AS353;RAI1-AS354;RAI1-AS355;RAI1-AS356;RAI1-AS357;RAI1-AS358;RAI1-AS359;RAI1-AS360;RAI1-AS361;RAI1-AS362;RAI1-AS363;RAI1-AS364;RAI1-AS365;RAI1-AS366;RAI1-AS367;RAI1-AS368;RAI1-AS369;RAI1-AS370;RAI1-AS371;RAI1-AS372;RAI1-AS373;RAI1-AS374;RAI1-AS375;RAI1-AS376;RAI1-AS377;RAI1-AS378;RAI1-AS379;RAI1-AS380;RAI1-AS381;RAI1-AS382;RAI1-AS383;RAI1-AS384;RAI1-AS385;RAI1-AS386;RAI1-AS387;RAI1-AS388;RAI1-AS389;RAI1-AS390;RAI1-AS391;RAI1-AS392;RAI1-AS393;RAI1-AS394;RAI1-AS395;RAI1-AS396;RAI1-AS397;RAI1-AS398;RAI1-AS399;RAI1-AS400;RAI1-AS401;RAI1-AS402;RAI1-AS403;RAI1-AS404;RAI1-AS405;RAI1-AS406;RAI1-AS407;RAI1-AS408;RAI1-AS409;RAI1-AS410;RAI1-AS411;RAI1-AS412;RAI1-AS413;RAI1-AS414;RAI1-AS415;RAI1-AS416;RAI1-AS417;RAI1-AS418;RAI1-AS419;RAI1-AS420;RAI1-AS421;RAI1-AS422;RAI1-AS423;RAI1-AS424;RAI1-AS425;RAI1-AS426;RAI1-AS427;RAI1-AS428;RAI1-AS429;RAI1-AS430;RAI1-AS431;RAI1-AS432;RAI1-AS433;RAI1-AS434;RAI1-AS435;RAI1-AS436;RAI1-AS437;RAI1-AS438;RAI1-AS439;RAI1-AS440;RAI1-AS441;RAI1-AS442;RAI1-AS443;RAI1-AS444;RAI1-AS445;RAI1-AS446;RAI1-AS447;RAI1-AS448;RAI1-AS449;RAI1-AS450;RAI1-AS451;RAI1-AS452;RAI1-AS453;RAI1-AS454;RAI1-AS455;RAI1-AS456;RAI1-AS457;RAI1-AS458;RAI1-AS459;RAI1-AS460;RAI1-AS461;RAI1-AS462;RAI1-AS463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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Ratio(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Ratio(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg01100043	RAMP1	0.00224986	0.0962561	0.717982	-1.39276	1.000886873	0.405175	-2.46807	0.0147995	0.580428	-1.72287	0.97566	1.00555	0.0255	0.0158393	0.585244	-1.70869	0.673944	1.07979	1.07979	0.00120924	2.33914	2.33914	2.33914	0.0676836	1.449361	1.449361	0.666983	1.08169	9.31597	4.855312	0.463254	1
cg27418586	RAMP1	0.00225651	0.00066496	0.466447	-2.14386	0.0251524	1.476641	1.476664	0.464691	1.11506	0.110506	0.104324	0.771147	-1.29677	0.0499099	0.720876	1.3872	0.0134131	0.638813	-1.5654	0.173784	1.23589	1.23589	0.811265	1.03563	1.03563	0.00284174	1.82453	1.82453	0.307292	3.15786	0.301569	1
cg02151485	RAMP1	0.00312375	7.47E-05	0.149336	-6.69631	0.33836	0.770321	-1.29816	0.0320066	0.51464	-1.94331	0.003437931	0.349693	-2.85965	0.104757	0.625763	-1.59805	0.723263	1.09904	1.09904	0.572441	1.16278	1.16278	0.971531	1.00948	1.00948	0.2912177	0.748575	-1.33587	8.45595	9.36252	0.984188	1
cg16433632	RAMP1	0.00561532	0.741572	0.9375	-1.06667	0.00559325	2.033131	2.033131	0.012906	0.547726	-1.82573	0.982775	1.00422	1.00422	0.763307	1.060827	1.060827	0.063409	1.50241	1.50241	0.000557148	2.844151	2.844151	2.844151	0.6040819	0.912436	-1.09597	0.56348	1.802347	1.802347	1.120684	7.08226	4.26615	0.535441	1
cg05981862	RAMP1	0.00873832	0.000424646	0.284497	-3.51498	0.7213666	0.922152	-1.08399	0.469833	1.18009	0.180907	0.974786	-1.02587	0.0180566	0.523715	-1.90943	0.127985	0.690332	-1.44858	0.0457788	0.427349	-2.34001	0.764337	1.07005	1.07005	0.223112	0.749544	-1.33414	0.61681	4.955888	0.713997	1
cg14849262	RAMP1	0.011923	0.019989	1.4494	1.44494	0.00451852	1.64906	1.64906	0.14164	1.23233	1.23233	0.662699	0.9436333	-1.05973	0.00958001	1.5427	1.5427	0.000975581	1.55007	-1.55007	0.0547525	0.947762	-1.33376	0.198817	-1.1966	1.19661	0.438027	1.11	1.11	1.58515	1.54571	0.246003	1
cg04011338	RAMP1	0.0237403	0.283218	0.755237	-1.32409	0.1440111	0.673549	-1.48467	0.0111021	0.448576	-2.22927	0.0140801	0.466233	-2.14485	0.0431686	1.79625	1.79625	0.933222	0.979121	-1.02132	0.973362	0.991315	-1.00876	0.233959	1.3691	1.3691	0.0225572	0.502721	-1.98917	4.43607	4.45369	0.89242	1
cg20986275	RAMP1	0.0303014	0.577043	0.867234	-1.15309	0.0910417	1.18858	1.31898	0.3402099	0.729908	-1.3822	0.0885546	0.618485	-1.61681	0.0419161	1.69813	1.69813	0.001756621	3.08666	3.08666	0.0023019	0.587603	-1.70183	0.931768	-1.07359	0.976576	-1.02189	0.40442	0.81962	-1.22008	4.07234	4.112263	0.899866	1
cg02284870	RAMP3	0.000100776	?	?	?	0.359951	0.748176	-1.33658	0.876326	1.04918	1.04918	9.12E-06	0.051865	-19.2808	3.17E-05	0.0822248	-12.1618	0.0333117	0.464523	-2.15275	0.47057	1.2539	1.2539	0.106634	0.580979	-1.72123	?	0.035	23.7343	23.3548	1.33759	1
cg20747462	RAMP3	0.000251184	0.050749	0.731881	-1.36634	0.0384696	0.714432	-1.39971	0.000601929	0.476138	-2.10023	0.03427	0.707263	-1.4139	6.89E-06	0.247156	-4.04603	0.045867	0.725463	-1.37843	0.366791	1.13885	1.13885	0.00322674	0.5692	-1.75685	0.000952467	0.5013	-1.99481	17.2677	5.3782	0.276853	1
cg10807969	RAMP3	0.005038845	0.950442	0.80581	-1.10501	0.0391476	1.124144	1.124144	0.0172624	0.673079	-1.48563	0.0464342	1.54717	0.0009885106	0.850376	1.18296	1.18296	0.806794	1.098508	1.098508	0.00100455	1.740291	1.740291	1.740291	0.2178801	0.748801	-1.33547	0.778884	1.02287	1.022287	1.343441	1.36444	0.090862	1
cg27027655	RAMP3	0.00802767	0.229119	0.845696	-1.18246	0.9874	1.0021	1.0021	0.00997509	0.649149	-1.54048	0.0951765	0.783892	-1.27569	0.0193566	0.97344	1.02728	0.0385082	1.37486	1.37486	0.00077339	1.9814	1.9814	1.9814	0.495419	1.09628	0.912464	0.05039	1.65039	1.65039	1.376999	0.248265	1
cg09431558	RAMP3	0.0169283	0.0164958	0.660849	-1.51515	0.7794433	0.893317	-1.11936	0.583055944	1.2959651	-1.94635	0.0473595	0.669212	-1.4945	0.0035549	0.269136	-3.7156	0.794541	1.09055	1.09055	0.4483412	0.788631	-1.26802	0.0015734	0.268575	-3.72335	0.2154558	0.648521	-1.54197	4.979553	8.69383	1.55322	1
cg02792877	RAMP3	0.0197763	0.344451	1.20379	1.20379	0.80453	1.04836	1.04836	0.3673527	0.8383308	-1.19288	0.2113817	1.28502	1.28502	0.7763101	0.947187	-1.05576	0.038215	1.58011	1.58011	0.00149385	2.39198	2.39198	2.39198	0.4481666	0.863099	-1.15862	0.583411	0.8998888	-1.11125	3.76052	2.16053	0.516093	1
cg14999001	RAMP3	0.04163663	0.730729	1.09648	1.09648	0.0940139	1.63374	1.63374	0.0515312	0.553845	-1.80556	0.942864	1.08626	-1.0193	0.636111	0.880677	-1.13594	0.008153935	0.408587	2.44746	0.0100292	0.420415	-2.3786	0.587514	0.864146	-1.15721	0.88305	1.04002	1.04002	0.6291	4.085303	1.00059	1
cg37930878	RAMP3	0.00949404	0.0933644	0.760883	-1.31426	0.1627276	1.34556	1.34556	0.0621842	0.743559	-1.34555	0.0601583	1.3688	0.128842	0.274416	0.327077	-3.05707	0.019764	0.689289	-1.45077	0.0207173	0.662068	-1.51042	0.692756	0.942804	-1.06057	0.300728	0.853186	-1.17208	0.40134	1.18106	0.308651	1
cg01060409	RAN	4.13E-05	0.165235	0.807372	-1.23859	0.147549	1.25186	1.25186	0.478199	1.10986	1.10986	0.000192887	2.477781	2.47781	2.50E-05	0.297994	-3.35578	0.179596	0.813794	-1.22881	0.0273288	1.45856	1.45856	8.20E-06	4.08574	4.08574	0.934418	1.01197	1.01197	28.0054	9.26845	0.29418	1
cg25209101	RAN	0.00312404	0.378562	0.790702	-1.2657	0.620768	0.878441	-1.13842	0.8442237	1.05353	1.05353	0.00296742	2.886227	2.886227	0.000164988	0.188398	-5.30791	0.000334546	0.123237	4.049971	0.4417759	2.263407	2.263407	2.263407	0.4494972	0.42709	0.419709	0.019301	0.69831	-1.43203	16.1287	17.2601	0.951239	1
cg17629322	RAN	0.000459686	0.408265	0.835021	-1.19754	0.1150625	1.438379	1.438379	0.0183799	0.955589	-1.04647	0.0822947	2.394153	2.394153	0.000214376	0.20221	-4.94603	0.029193	0.558075	-1.79187	0.8490422	1.04129	1.04129	0.0003221	0.982	-1.01825	0.642576	0.905043	-1.10431	14.6273	10.4409	0.644844	1
cg06202977	RAN	0.000611286	0.443489	0.950744	-1.05181	0.169853	1.09914	1.09914	8.97E-05	1.57324	1.57324	0.00204392	0.755032	-1.32445	0.0222744	0.837693	-1.19375	0.000650977	0.795639	-1.25685	0.252074	0.925566	-1.08042	0.00902242	1.2344	1.2344	0.768106	0.981066	-1.0193	13.5134	0.8945531	0.0588406	1
cg05612758	RAN	0.0102946	0.313122	0.848948	-1.45349	0.0385641	1.178602	1.178602	0.0720928	0.673019	1.16368	0.0105403	2.22525	2.22525	0.0035796	0.449383	-2.22525	0.004013	0.135366	7.38755	0.401005	2.493589	2.493589	2.493589	0.1778621	1.13984	-1.39372	0.217851	1.15882	1.158822	0.8652665	1.97279	1.97559	1.79544	1
cg18457818	RAN	0.011642	0.0586281	0.450275	-2.22087	0.0016294	2.185259	-1.39785	0.0474382	0.826488	-2.3327	0.306736	0.673523	-1.48473	0.0211302	0.355004	-2.81687	0.0684543	0.466784	-2.14232	0.0175033	0.188975	-5.2916	0.0653401	0.461757	-2.16564	0.0194105	0.347965	-2.87386	5.62846	12.4365	1.96407	1
cg16498834	RAN	0.0190562	0.111425	0.594009	-1.68302	0.0710816	0.54264	-1.84284	0.8114236	1.07384	1.07384	0.00168896	0.242117	-4.13018	0.0011725	0.362702	-2.75703	0.0030294	0.216852	4.611292	0.0004	2.756	2.756	2.756	0.0004	2.756	-1.5833	0.744801	0.90725	-1.10223	0.02693908	0.4563	-2.19154	9.53531	9.2767	1.10569	1
cg19612890	RAN	0.0385275	0.018307	0.758069	-1.31914	0.273343	0.895589	-1.11658	0.874027	1.01547	1.01547	0.110217	0.845022	-1.1834	0.0644792	0.817979	-1.22252	0.0372933	1.26342	1.26342	0.0863216	0.832521	-1.20117	0.785039	0.7268	1.0268	0.0922086	1.19637	1.19637	3.734264	0.5534413	0.131733	1
cg17561788	RANBP1	0.0135315	0.0265094	0.422672	-2.3659	0.193947	0.64157	-1.55892	0.113458	0.568959	-1.75759	0.616343	1.17987	1.17987	0.0107403	0.312845	0.217028	-4.52573	0.018393	0.391984	-2.55113	0.192822	0.636821	-1.5703	0.531129	1.23086	1.23086	0.00599024	0.308477	-3.24173	5.359943	9.009662	1.50922	1
cg07620854	RANBP1	0.00414081	0.119216	0.49721	-2.0119	0.0140468	0.723325	-1.63312	0.0204868	0.28462	-3.51346	0.578264	0.776573	-1.28754	0.0865574	0.760789	-1.31494	0.008856577	0.223253	-4.47922	0.0120794	0.244537	-4.08936	0.364883	0.676504	-1.52046	0.0146743	0.258708	-3.86536	3.636939	11.6648	2.85138	1
cg16462144	RANBP17	6.94E-05	0.00298629	0.573802	-1.74276	7.54E-06	0.261067	-3.83044	0.007675157	0.626724	-1.5956	0.604762	0.911274	-1.0738	7.16E-05	0.372825	-2.68223	0.365828	0.880994	-1.13508	6.89E-05	0.370806	-2.69683	0.000111825	0.936058	-2.52488	0.467278	0.90405	-1.10613	24.4083	7.18916	0.261811	1
cg07317705	RANBP17	0.000784343	0.157409	0.863537	-1.15803	0.0003202	1.523177	-1.9114	0.00379237	0.585453	-1.44079	0.0015347	1.02971	1.02971	0.1888	1.14621	1.14621	0.000154663	0.607084	1.64738	1.04338	0.006005491	0.958497	1.04338	0.884881	-1.13036	0.0754055	0.825231	-1.21147	22.9012	1.87957	0.132577	1
cg23873669	RANBP17	0.00210357	0.77316	0.05365	1.36426	-1.33659	1.36459	2.61E-05	4.50374	4.50374	0.511511	1.12794	1.12794	0.700634	0.9325332	1.072335	0.635456	0.917274	1.09019	0.195256	0.780595	-1.28107	0.0684183	1.44612	1.44612	0.280839	1.12468	1.12468	1.250695	0.91968	0.460275	1
cg08995473	RANBP17	0.00411047	0.00630285	0.583883	-1.71267	0.0267315	0.672354	-1.48731	0.003466336	0.548758	-1.8223	0.288199	0.846409	-1.18146	0.00139241	0.496333	-2.01478	0.870631	1.02496	1.02496	0.14172	1.26991	1.26991	0.775562	0.957691	-1.04418	0.00232691	0.525269	-1.90226	0.738822	2.82112	0.321981	1
cg01182310	RANBP17	0.00477145	0.580805	0.182228	5.48693	-0.0183654	0.423199	-2.36268	0.0274353	0.423199	-2.36268	0.0274353	0.423199	-2.36268	0.0274353	0.423199	-2.36268	0.152463	0.673856	1.48401	0.1941798	0.515197	0.643622	1.55357	0.0984	0.488331	1.02	0.925909	0.604822	1.65232	-1.10497	0.112863	0.782953	-1.27722	0.44602	0.28301	1
cg08358803	RANBP17	0.0109352	0.879705	0.931584	-1.07344	0.234644	0.558247	-1.79132	0.435583	0.689192	-1.45097	0.783483	0.879067	-1.13757	0.00809187	0.204549	4.8888	0.039088	0.327114	-3.05704	0.00105437	0.103598	-9.65266	0.002319374	0.134022	-7.46144	0.212052	0.540567	-1.84991	5.743945	19.9188	3.08275	1
cg01503260	RANBP17	0.0814891	0.0154807	0.509179	-1.68802	0.0710816	0.54264	-1.84284	0.8114236	1.07384	1.07384	0.00168896	0.242117	-4.13018	0.0011725	0.362702	-2.75703	0.0030294	0.216852	4.611292	0.0004	2.756	2.756	2.756	0.0004	2.756	-1.64192	0.0018598	0.66001	-1.51496	0.0053599	0.2388	-4.18855	3.23166	7.8057	2.41099	1
cg15399131	RANBP17	0.0484172	0.240207	0.716361	-1.39594	0.486479	0.825464	-1.21144	0.000912468	0.260565	-3.83781	0.392703	0.788581	-1.2681	0.192411	0.687803	1.45391	0.00879919	0.612021	-1.63393	0.0747135	0.583614	-1.71346	0.574519	0.857383	-1.16634	0.337109	0.76456	-1.30794	3.42973	1.997	1.03591	1
cg20780811	RANBP17;RANBP17	0.0181851	0.227973	0.804944	-1.13574	0.0105864	1.38178	1.38178	0.0321191	1.28722	1.28722	0.671421	1.04385	1.04385	0.938326	1.00781	1.00781	0.304694	0.898604	-1.11284	0.0382166	0.785371	-1.27328	0.646547	1.04754	1.04754	0.0784786	1.21724	1.21724	0.76467	0.6002292	0.142425	1
cg04389328	RANBP1;TRMT2A;TRMT2A	0.000795347	0.884035	0.96	1.04167	0.0159721	0.5714	-1.75009	0.0161585	0.38082	-2.62589	0.0188344	0.532417	1.87801	0.152212	0.822883	-1.21537	0.008856577	0.223253	-4.47922	0.0120794	0.244537	-4.08936	0.364883	0.676504	-1.52046	0.0146743	0.258708	-3.86536	3.636939	11.6648	2.85138	1
cg16982658	RANBP1;TRMT2A;TRMT2A	0.00102594	0.392931	1.08049	1.08049	0.000182767	0.571409	-1.75006	0.0315787	0.800123	-1.24981	0.283404	0.906114	-1.10361	0.278415	1.10484	1.10484	0.0602565	1.20618	1.20618	0.00052297	1.61338	1.61338	0.0489415	0.81964	-1.22005	0.282768	0.905987	-1.10377	1.61813	1.44772	0.110164	1
cg04730365	RANBP1;TRMT2A;TRMT2A	0.00116704	0.217047	1.15861	1.15861	0.0005996	1.824483	0.5131878	0.721805	-1.38542	0.2020194	0.865739	-1.15509	0.0438994	1.29384	1.29384	1.29384	0.256631	1.5445	1.5445	0.00404304	2.598428	2.598428	2.598428	0.3109324	0.882	-1.13401	0.52665	1.20455	1.204555	0.8988157	-1.14473	1.5261	2.04455	0.1988357	0.132577	1
cg15291410	RANBP1;TRMT2A;TRMT2A	0.0305681	0.383224	0.21505	2.01505	0.148002	0.56195	0.360813	0.26383	2.06383	?	?	?	0.0153457	0.048655	0.20539	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg24483487	RANBP2	0.00279332	0.000868803	0.326333	-3.06436	0.707444	0.918976	-1.08817	0.0980923	0.665866	-1.5018	0.866628	1.03839	1.03839	0.0165598	0.518912	-1.92711	0.0259502	0.551585	-1.81197	0.000190117	0.244197	-4.09506	0.89153	0.969883	-1.03105	0.0104136	0.485316	-2.06051	8.74115	6.95391	0.707144	1
cg12569217	RANBP2	0.00181208	0.119968	0.49594	-2.01599	0.0140468	0.723325	-1.63312	0.0204868	0.28462	-3.51346	0.578264	0.776573	-1.28754	0.0865574	0.760789	-1.31494	0.008856577	0.223253	-4.47922	0.0120794	0.244537	-4.08936	0.364883	0.676504	-1.52046	0.0146743	0.258708	-3.86536	3.636939	11.6648	2.85138	1
cg17408923	RANBP2	0.0149264	0.141234	0.821323	-1.21755	0.000744044	1.89072	1.89072	0.1906708	0.813412	1.35412	0.356478	0.765764	-1.30589	0.0193704	0.508045	1.96811	0.757039	0.962129	-1.03936	0.26479	1.15449	1.15439	0.540979	1.08003	1.08003	0.518788	1.08478	1.08478	1.178351	1.272	0.217891	1
cg05335107	RANBP2	0.0176075	0.893523	1.04968	1.04968	0.0001	0.6	-1.6667	0.0001	0.6	-1.6667	0.0001	0.6	-1.6667	0.0001	0.6	-1.6667	0.000154	0.627	-1.59489	0.000154	0.627	-1.59489	0.000154	0.627	-1.59489	0.000154	0.627	-1.59489	0.000154	0.627	-1.59489	0.000154	0.627	-1.59489	0.000154	0.627	-1.59489	1
cg23706161	RANBP2	0.0406938	0.402645	0.876592	-1.14078	0.0701476	0.732464	-1.36526	0.109464	0.764623	-1.30783	0.851002	0.971496	-1.02934	0.6595571	1.07055	1.07055	0.0602565	1.20618	1.20618	0.00052297	1.61338	1.61338	0.0489415	0.81964	-1.22005	0.282768	0.905987	-1.10377	1.61813	1.44772	0.110164	1
cg13137035	RANBP3;RANBP3;RANBP3	0.00234349	0.0364019	0.497114	-2.01153	0.0003202	1.523177	-1.9114	0.00379237	0.585453	-1.44079	0.0015347	1.02971	1.02971	0.1888	1.14621	1.14621	0.000154663	0.607084	1.64738	1.04338	0.006005491	0.958497	1.04338	0.884881	-1.13036	0.0754055	0.825231	-1.21147	22.9012	1.87957	0.132577	1
cg28372669	RANBP3;RANBP3;RANBP3	0.0270794	0.764112	0.82661	1.59207	0.7648453	0.915375	-1.09253	0.7139559	1.2611455	-1.26298	0.7116275	0.9178	-1.08969	0.2601407	0.8018246	-1.24715	0.0159449	0.408107	-2.45034	0.53714	0.822747	-1.20898	0.113714	0.592962	-1.68545	0.614864	0.61368	-1.63034	4.2373	0.18802	1.29832	1
cg28372669	RANBP3;RANBP3;RANBP3	0.0270794	0.764112	0.82661	1.59207	0.7648453	0.915375	-1.09253	0.7139559	1.2611455	-1.26298	0.7116275	0.9178	-1.08969	0.2601407	0.8018246	-1.24715	0.0159449	0.408107	-2.45034	0.53714	0.822747	-1.20898	0.113714	0.592962	-1.68545	0.614864	0.61368	-1.63034	4.2373	0.18802	1.29832	1
cg14737613	RANBP3;RANBP3;RANBP3	0.0310837	0.153084	0.636805	-1.57034	0.0893518	0.575499	-1.73762	0.866491	0.951582	-1.05088	0.989091	0.995976	-1.00404	0.113563	0.601783	-1.66173	0.179349	0.65659	-1.52302	0.00209616	3.5843	3.5843	0.481285	1.23508	1.23508	0.335476	0.746058	-1.34038	4.035555	5.56049	1.22478	1
cg09961100	RANBP3;RANBP3;RANBP3	0.0388294	0.765055	0.884676	-1.13046	0.0934397	0.562158	-1.77962	0.1226004	0.796274	-1.25606	0.7643568	1.08559	1.08559	0.1226004	0.537024	1.8618	0.565547	1.1798	1.1798	0.0195959	0.548342	1.82402	0.0458	0.647137	1.54397	0.0195959	0.548342	1.82402	0.0458	0.647137	1.54397	0.0195959	0.548342	1.82402	0.0458	0.647137	1.54397	1
cg19459784	RANBP3;RANBP3;RANBP3	0.0444546	0.00295661	0.259092	-3.85963	0.229178	0.664714	-1.50441	0.310667	1.40425	0.273623	0.691627	-1.44587	0.321117	0.717657	1.39342	1.39342	0.211712	0.65125	-1.53081	?	?	?	0.931101	1.02838	1.02838	0.0313987	0.441756	-2.26369	3.595572	5.302134	1.47463	1
cg08371934	RANBP3;RANBP3;RANBP3;RANBP3;RANBP3;RAN	0.0462914	0.0531725	0.297229	-3.36441	0.413315	0.628791	-1.59035	0.108854	0.380703	-2.62672	0.528647	0.702905	-1.42267	0.026162	0.232912	-4.29347	0.114216	0.387175	-2.58281	0.00355318	0.112833	-8.86267	0.05150575	0.294004	-3.40132	0.0371639	0.26286	-3.8043	1.4883	16.8501	4.25975	1
cg21647375	BP1;RANBP3	0.00357512	0.00693759	0.473737	-2.11088	0.0882648	0.491409	-2.03604	?	?	?	?	?	?	?	?	?	0.222203	1.30361	1.30361	0.00227848	2.52162	2.52162	0.0666688	0.650927	-1.53627	0.53043	0.87757	-1.13951	10.2533	4.54801	0.507254	1
cg09247776	RANBP9;RANBP1L	0.000828909	0.020121271	0.4786	-2.08901	0.0138231	0.73238	-1.75253	0.0367397	1.44491	1.44491	0.0579148	1.54676	0.0476776	0.00724273	0.351321	-2.8464	0.0845675	0.663836	-1.50752	0.0155523	0.396351	-2.52302	0.0957041	1.4511	1.4511	0.0122855	0.530217	-1.88602	12.4074	8.134	0.582733	1
cg20384132	RANBP9;RANBP1L	0.017465	0.0250899	0.486186	-2.05683	0.00250927	0.321086	-3.11443	0.199755	0.693065	-1.44287	0.0325984	0.508203	-1.96772	0.02812115	0.495677	-2.01744	0.117943	0.631612	-1.58325	0.00386723	0.348804	-2.86694	0.02501175	0.485947	-2.05784	0.40448	0.793851	-1.25968	4.924777	5.71317	1.03119	1
cg08358803	RANBP6;RANBP6;RANBP6	0.00506321	0.001815269	0.160698	-6.02053	0.00294071	0.191356	-5.22587	0.0299125	0.646803	-1.54607	0.0277919	0.34891	-2.86657	0.0015722	0.184439	-5.42156	0.079413	0.445674	-2.24379	0.0034376	0.298604	-3.34998	0.0043897	0.015573	1.04387	1.04387	0.0589162	0.421666	-2.37388	8.67907	18.372	2.10788	1
cg13523512	RANBP6;RANBP6;RANBP6	0.0260994	0.806607	0.970491	-1.03041	0.0273209	0.762951	-1.37561	0.411142	0.902456	-1.10809	0.0182522	0.685717	-1.45833	0.537587	1.07921	1.07921	0.020203313	0.587856	-1.7011	0.563975	0.933194	-1.07389	0.343238	-1.12723	1.12723	0.691119	1.04998	1.04998	0.429234	0.101388	0.209962	1
cg07181175	RANBP9	0.00209295	0.555159	0.815921	-1.22561	0.0376003	0.43946	-2.27552	0.449571	0.769017	-1.30036	0.30816	0.693886	-1.44116	0.640669	1.17379	1.17379	2.58E-05	0.0583095	-17.1499	0.196087	1.59358	1.59358	0.853102	0.938773	-1.06522	0.867094	1.05875	1.05875	0.5155	17.5094	1.63573	1
cg02110088	RANBP9	0.00426477	0.0959413	0.729114	-1.37128	0.0452207	1.271511	1.271511	0.0324935	1.29387	1.29387	0.0423936	1.99095	1.99095	0.112223	0.860439	-1.16227	0.366027	1.16331	1.16331	0.0454945	1.48178	1.48178	0.0905941	0.729329	-1.37112	0.284361	1.202621	1.202621	1.202621	1.21084	0.43769	0.268259	1
cg06583385	RANP9	0.011102	0.0111545	0.513471	-1.94753	0.00140596	0.379436	-2.63549	0.101709	0.686996	-1.45561	0.749841	1.06933	1.06933	0.005905	0.470155	-2.12696	0.079881	0.665949	-1.50265	0.111998	0.702268	-1.42396	0.638483	1.10424	1.10424	0.0148556	0.533725	-1.87362	5.73549	3.97459	0.61814	1
cg26782283	RANGAP1	0.00244306	0.102864	0.553928	-1.80593	0.0624422	1.314559	-1.48593	0.0566614	0.712113	-1.40415	0.0026192	1.85915	0.000261192	0.10536	-9.49126	0.025378	0.090035	0.567387	-1.76264	0.0500222	1.96485	1.96485	0.0514354	0.167746	1.66831	0.0514354	0.167746	1.66831	0.0500222	1.96485	0.0514354	0.167746	1.66831	0.0500222	1.96485	0.0514354	0.167746	1.66831	1
cg23137483	RANGAP1	0.000281677	?	?	?	1.84E-05	0.0827696	-12.0817	0.0641525	1.81034	1.81034	0.3173	1.34305	1.34305	0.970945	1.089662	-1.01045	0.189938	1.67294	1.48602	0.000939918	0.244646	-4.08754	0.07716017	1.75185	1.75185	0.0233177	2.167079	2.16709	17.1521	19.6569	1.14603	1
cg01961382	RANGAP1	0.00728735	0.25157	1.

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg14337526	RAP2A;RAP2A	0.0402417	0.527273
cg23078896	RAP2B	0.00494743	0.73898
cg04993414	RAP2B	0.0314876	0.00401947
cg05585810	RAP2B;RAP2B	0.0111151	0.000415811
cg10908625	RAP2B;RAP2B	0.0371229	0.283305
cg13784312	RAPGEF1	0.000983232	0.000137955
cg07285276	RAPGEF1	0.00866617	0.0511265
cg13714407	RAPGEF1	0.0154504	0.0489343
cg14109822	RAPGEF1;RAPGEF1	0.000524716	0.611257
cg14162011	RAPGEF1;RAPGEF1	0.019623	0.0575929
cg14576291	RAPGEF1;RAPGEF1	0.026928	0.0757456
cg21171461	RAPGEF1;RAPGEF1	0.0442479	0.0097463
cg05187155	RAPGEF2	0.0151297	0.0610227
cg13192013	RAPGEF2	0.0166644	0.0227954
cg03351978	RAPGEF2	0.0349929	0.663128
cg13096701	RAPGEF2	0.0382937	0.615351
cg07429710	RAPGEF3;RAPGEF3	0.0192957	0.280111
cg05152354	RAPGEF3;RAPGEF3;RAPGEF3	0.00319629	0.98967
cg20563854	RAPGEF3;RAPGEF3;RAPGEF3;RAPGEF3	0.0418622	0.0183168
cg16934969	RAPGEF4	0.000794602	0.00153423
cg27431545	RAPGEF4	0.00742225	0.00458963
cg25074751	RAPGEF4;LOC91149	0.000627783	0.00903687
cg14234152	RAPGEF4;LOC91149	0.0009969	0.0384853
cg22104578	RAPGEF4;LOC91149	0.00133343	0.0243662
cg10076031	RAPGEF4;LOC91149	0.0209757	0.55771
cg09072291	RAPGEF4;RAPGEF4	0.000317653	0.00139551
cg02321620	RAPGEF4;RAPGEF4	0.000723256	0.0081668
cg18008675	RAPGEF4;RAPGEF4	0.0007647	0.00283245
cg02492567	RAPGEF4;RAPGEF4	0.00101947	0.933011
cg00883212	RAPGEF4;RAPGEF4	0.0165689	0.00572381
cg18892722	RAPGEF4;RAPGEF4	0.0173828	0.0890044
cg15443020	RAPGEF4;RAPGEF4	0.0258406	0.0139842
cg06853492	RAPGEF4;RAPGEF4	0.0372431	0.410398
cg23253991	RAPGEF4;RAPGEF4;RAPGEF4	0.0432326	0.0152414
cg07475000	RAPGEF5	0.00837877	0.713187
cg21733013	RAPGEF5	0.0158757	0.789628
cg26443443	RAPGEF5	0.0450215	0.879677
cg16911214	RAPGEF5	0.0472394	0.0757399
cg03548285	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.040004	0.0769964
cg20726948	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6	0.000401653	1.35E-05
cg22133826	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6	0.00613983	0.0169393
cg17817047	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6	0.00693993	0.0349971
cg06972724	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6	0.0301351	0.966148
cg18144860	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6;RAPGEF6	0.0204277	?
cg14537507	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6; RAPGEF6;RAPGEF6;RAPGEF6	0.0327867	0.765353
cg14905632	RAPGEFL1	0.0163428	0.0445036
cg15826437	RAPGEFL1	0.0198342	0.717751
cg00578638	RAPGEFL1	0.023608	0.364676
cg04178858	RAPGEFL1	0.0455956	0.222229
cg02722657	RAPGEFL1;RAPGEFL1	0.0183498	0.0586882
cg02059867	RAPGEFL1;RAPGEFL1	0.0205638	0.077834
cg08366885	RAPH1;RAPH1	2.04E-06	2.01E-08
cg14692920	RAPH1;RAPH1	1.86E-05	0.00344291
cg10083443	RAPH1;RAPH1	0.00119652	0.349066
cg16412986	RAPH1;RAPH1	0.0159159	0.0944022
cg23054112	RAPH1;RAPH1	0.0176404	0.844899
cg17614165	RAPSN;RAPSN	0.00180158	0.118601
cg15270729	RAPSN;RAPSN	0.00197033	0.00111045
cg24812582	RAPSN;RAPSN	0.00573985	0.743082
cg27466532	RAPSN;RAPSN	0.00640293	0.528975
cg13047308	RAPSN;RAPSN	0.0140505	0.237119
cg03400491	RAPSN;RAPSN	0.0188993	0.261964
cg15679098	RAPSN;RAPSN;RAPSN;RAPSN	0.0362138	0.463076
cg12233386	RARA	0.000666834	0.201141
cg03053374	RARA	0.0122432	0.0443303
cg08332908	RARA	0.026957	0.140146
cg21238609	RARA	0.0323843	0.810025
cg00442282	RARA	0.0405428	0.0245804
cg09858022	RARA	0.047373	0.575458
cg00236832	RARA;RARA	0.00992501	0.972031
cg11094248	RARA;RARA;RARA	0.00347694	0.0737768
cg16761752	RARA;RARA;RARA	0.013929	0.84804
cg06506560	RARA;RARA;RARA	0.0289072	?
cg10452206	RARA;RARA;RARA;RARA	0.000552586	0.0317444
cg27453606	RARA;RARA;RARA;RARA	0.00287143	0.409225
cg24957657	RARA;RARA;RARA;RARA	0.0034018	0.649782
cg09038058	RARA;RARA;RARA;RARA	0.00788364	0.865914
cg08649068	RARA;RARA;RARA;RARA	0.0159112	0.991172
cg24073994	RARA;RARA;RARA;RARA	0.0214678	0.801228
cg14065153	RARA;RARA;RARA;RARA	0.0315498	0.531082
cg04956244	RARA;RARA;RARA;RARA	0.0468167	0.198464
cg02477677	RARA;RARA;RARA;RARA	0.0499026	0.97559
cg21902772	RARB	0.000400242	0.278002
cg06705767	RARB;RARB	0.00352654	0.000487218
cg23518541	RARB;RARB	0.0152669	0.539111
cg12479047	RARB;RARB	0.016396	0.0242884
cg27574595	RARB;RARB	0.0168784	0.730528
cg18094781	RARB;RARB	0.0202047	0.289421
cg11151405	RARB;RARB	0.0236672	0.125613
cg02499249	RARB;RARB	0.0324059	0.00140487
cg26786980	RARB;RARB;RARB;RARB	0.0124147	0.3742
cg24396624	RARB;RARB;RARB;RARB	0.03916	0.241786
cg18076651	RARG	0.00900546	0.26328
cg12820608	RARG	0.0347162	0.0270311
cg08104462	RARG;RARG	9.33E-05	0.000192234
cg09107344	RARG;RARG	0.000441368	0.805072
cg09265000	RARG;RARG	0.000956992	0.338228
cg20623371	RARG;RARG	0.00130687	0.0605351
cg13363525	RARG;RARG	0.00276003	0.156123
cg13937905	RARG;RARG	0.0150978	0.593342
cg09365924	RARG;RARG	0.0161009	0.0699349
cg01756660	RARG;RARG	0.0180532	0.648401
cg22052955	RARG;RARG	0.019779	0.949124
cg10592478	RARG;RARG	0.0220364	0.568094
cg15260268	RARG;RARG;RARG	4.62E-05	0.0986294
cg16654152	RARG;RARG;RARG	7.23E-05	0.129908
cg03974423	RARG;RARG;RARG	0.00182379	0.352348
cg15734706	RARG;RARG;RARG	0.00287834	0.507989
cg04481170	RARRES1;RARRES1	0.00223668	0.00270244
cg07693931	RARRES1;RARRES1	0.0327409	0.324699
cg11188318	RARRES1;RARRES1	0.0390342	0.0111354
cg12562418	RARRES2	0.00191288	0.869752
cg02902770	RARRES2	0.0168328	0.121881
cg11327659	RARRES2	0.0192859	0.747819
cg27455017	RARRES2	0.0224309	0.0563628
cg21521758	RARRES2	0.0275059	0.362243
cg04999352	RARRES3	0.0150708	0.385416
cg12677248	RARS	0.00162408	0.857319
cg17610734	RARS	0.0144178	0.276445
cg24809768	RARS	0.0148717	0.77276
cg07015465	RARS	0.0165825	0.295978
cg06604206	RARS	0.0247622	0.00137643
cg00551398	RARS2;ORC3L;ORC3L	1.19E-05	2.56E-06
cg08836024	RARS2;ORC3L;ORC3L	8.31E-05	0.47411
cg12682862	RARS;RARS	0.00929923	0.513319
cg15664067	RASA1;RASA1	0.0191185	0.369385
cg15602182	RASA1;RASA1	0.0239297	0.0467551
cg25648250	RASA1;RASA1	0.0477019	0.98779
cg10757852	RASA2	0.00728902	0.425885
cg22617394	RASA2	0.00944956	0.895196
cg16508522	RASA2	0.0114694	0.0815101
cg00789793	RASA2	0.0208785	0.344006

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg18107000	RASA2	0.0240173	0.0132294	0.49717	-2.09198	2.412471	1.22312	1.223212	0.114251	1.53125	0.0936559	0.642013	-1.55061	0.6261359	0.594549	-1.68195	-1.80304	0.1709982	0.509194	-1.963189	0.454956	-1.220073	4.4183	4.04289	0.813362	1
cg15904821	RASA2	0.0388224	0.00384873	0.249479	-4.00836	0.90471	0.958209	-1.04361	0.0433196	2.28976	2.28976	0.830904	0.926606	-1.07921	0.468685	0.768896	1.30057	0.09178	0.515967	1.93811	?	?	0.38191	1.37666	1.37666	0.438423	1.32542	1.32542	3.782277	0.76649	1.78876	1
cg21364828	RASA2	1.76E-05	0.000161745	0.365435	-2.73647	0.958585	1.00815	1.00815	0.025271	0.659802	-1.51561	0.4022	1.14341	1.14341	5.53E-07	0.114294	-8.74939	1.31E-05	0.239472	-4.17585	0.0157783	0.620793	-1.58782	0.852794	1.02946	1.02946	0.03101139	0.6712122	-1.48984	35.03826	13.5571	0.343988	1
cg27632059	RASA2	2.84E-05	0.000615747	0.589726	-1.6957	3.28E-05	0.445167	-2.24536	0.109379	1.19104	1.19104	2.40E-05	0.324345	2.32415	0.59026	1.69531	1.05595	0.000542411	1.71833	1.71833	0.00828002	1.460321	1.460321	0.0595365	1.23737	1.23737	0.00106648	0.616096	-1.62312	30.8851	4.90634	0.141207	1
cg05687227	RASA2	4.98E-05	0.00110071	0.446423	-2.24003	6.01E-05	0.288533	-3.4658	0.000337282	0.379616	-2.63424	0.1881	1.26335	1.26335	3.30E-06	0.158565	-6.30657	0.59551	0.914112	-1.09396	0.0226633	0.633975	-1.57984	0.000139843	0.332087	-3.01126	0.0874517	0.728389	1.27194	26.6565	11.8601	0.395487	1
cg16087432	RASA2	5.43E-05	0.00539512	1.61244	1.61244	0.1184431	0.663753	-1.50658	1.40E-06	0.201004	-4.97503	0.431166	1.11048	1.11048	0.0905021	0.784053	-1.27542	0.0025157	1.6173	1.6173	0.00838076	0.644481	-1.55164	0.8641153	0.762334	-1.31176	0.4080651	1.1167	1.1167	26.0451	7.01759	0.239502	1
cg17162797	RASA2	0.000173042	0.000512746	0.165584	-6.03924	0.170038	1.62344	1.62344	0.390013	1.33917	1.33917	0.641007	0.855812	-1.16848	0.00156302	0.221585	-4.51294	0.00118562	1.45542	1.45542	0.00534031	1.433556	1.433556	0.1115526	1.14685	1.14685	0.5908831	0.958003	-1.04384	19.00349	1.88097	0.0879758	1
cg23716692	RASA2	0.000216043	0.0207021	0.808241	-1.23725	0.0955357	0.756836	-1.32129	3.84E-06	0.439065	-2.27757	0.862991	1.15684	1.15684	0.0700338	0.647788	-1.54388	0.884742	0.988975	-1.01115	0.195716	1.11024	1.11024	0.0143288	0.79359	-1.2601	0.0602323	0.850457	1.16433	0.0822328	1
cg02507501	RASA2	0.000346761	0.000461615	0.421328	-2.37345	0.000425296	0.416789	-2.39929	6.35E-05	0.315372	-3.17086	0.618054	1.08202	1.08202	0.000944791	0.461505	-2.16682	0.312847	0.848978	-1.17789	0.0182404	0.637999	-1.5674	0.0506457	1.41804	1.41804	0.785194	0.958059	-1.04378	15.80496	6.15838	0.346253	1
cg25999148	RASA2	0.000358394	0.000429877	0.27633	-3.61912	0.0113254	0.695378	-1.43833	0.0001335	0.512423	1.95276	1.95276	1.94557	1.94557	0.00179	0.514074	-1.94574	0.0399071	0.577581	1.73305	0.0004284	0.637228	1.73305	0.0004284	0.637228	-1.07842	0.000225037	0.242489	4.1239	0.56469	13.2258	0.750392	1
cg00054352	RASA2	0.000409268	0.535539	0.936169	-1.06818	0.00182732	0.627769	-1.59294	0.273619	0.887127	-1.57223	0.573426	0.997704	-1.2536	0.132032	0.838917	-1.19201	0.009119194	0.629976	-1.58736	3.95E-05	2.288561	2.288561	1.24505	0.0432691	0.829311	-1.20565	0.0492911	0.823011	-1.21545	14.3491	2.511155	0.155584	1
cg00523855	RASA2	0.000528355	0.258208	0.813894	-1.22866	0.0194887	0.648335	-1.54269	7.50E-05	0.285192	-3.50747	0.0265555	0.629303	-1.58906	0.0012598	0.526116	-1.90026	0.013556	0.585664	-1.70742	0.138701	0.853943	-1.17104	0.0612371	1.44514	1.44514	0.2202281	0.798532	-1.25233	14.09019	6.80124	0.429008	1
cg24705606	RASA2	0.000538469	0.00737795	0.719062	-1.3907	0.00799378	0.722724	-1.38365	0.0422141	1.25051	1.25051	0.508668	0.93796	-1.06614	1.92E-05	0.295192	-3.38505	0.426546	0.925376	-1.08064	0.020418	1.30595	1.30595	0.522646	1.06385	1.06385	0.942654	0.993151	-1.0069	13.9994	2.023324	0.128466	1
cg01144218	RASA2	0.000546937	0.00057419	0.467243	-2.09757	0.0441526	0.725164	-1.379	6.98E-05	0.261435	-2.7434	0.0769988	1.31428	1.31428	0.0183631	1.21659	1.21659	0.100152	0.778525	-1.28448	0.0253278	1.44702	1.44702	0.0486178	1.36758	1.36758	0.276498	1.17036	1.17036	13.9388	4.26396	0.271917	1
cg17417040	RASA2	0.000550281	0.0779271	1.719414	1.40191	0.0902313	0.442804	-2.25834	0.00219937	0.47709	-2.09604	0.725466	0.941911	-1.06262	1.39E-05	0.209945	-4.76979	0.925968	1.01615	1.01615	0.209262	0.796006	-1.25627	0.501402	1.12483	1.12483	0.0187483	0.612011	-1.63396	13.9151	6.54931	0.418865	1
cg18532273	RASA2	0.000556537	0.0311465	0.625304	-1.59922	0.170749	1.31097	1.31097	0.352354	0.837234	-1.19441	0.776558	0.948553	-1.05424	2.68E-05	0.214513	-4.66172	0.00158174	0.430842	-2.32103	0.00423344	2.0355	2.0355	0.495962	0.879567	-1.13692	0.572896	0.89965	-1.11154	3.87714	7.56988	0.485082	1
cg07930257	RASA2	0.000607408	0.151463	0.732601	-1.365	0.00469867	0.219663	-1.78865	0.261289	0.788505	-1.26766	0.776735	1.05925	1.05925	2.14E-05	0.177073	-5.64724	0.389349	1.19714	1.19714	0.221029	1.75607	1.75607	0.352745	1.2136	1.2136	0.08338815	0.678095	-1.47472	13.5375	8.78249	0.576099	1
cg20038528	RASA2	0.000613649	0.0156887	0.123331	-8.10923	8.58E-05	0.218157	-4.58386	0.0001335	0.378486	-3.55998	0.0193798	0.543146	-1.84113	0.583883	1.16284	1.16284	0.026676	0.567141	-1.76292	0.028374	1.99706	1.99706	0.0194053	0.412662	-2.38514	0.0186557	0.540325	1.85074	13.4985	9.94542	0.656153	1
cg23519572	RASA2	0.000681546	0.0625774	2.23004	2.23004	0.8609	0.93508	-1.06943	0.360019	1.43355	1.43355	0.157886	1.78221	1.78221	2.08E-05	0.0373753	-26.7557	0.0498446	0.42481	-2.35399	0.00828371	3.63984	3.63984	0.231965	1.6157	1.6157	0.486111	1.31107	1.31107	13.1087	30.4078	2.06193	1
cg17437782	RASA2	0.000694921	0.00267339	0.675231	-1.48091	0.00323933	0.628615	-1.59128	0.0001335	0.384113	1.82711	1.82711	0.318945	0.907178	1.93E-07	0.0973884	-10.2744	0.928707	1.1885	1.1885	0.0128264	1.34493	1.34493	0.191943	1.19382	1.19382	0.0822625	0.764724	-1.30804	-1.11535	13.0375	1.84704	0.142593	1
cg14696311	RASA2	0.000778092	0.000117407	0.144818	-6.90521	0.0282266	0.476603	-2.10071	0.0171626	0.435142	-2.2981	0.0133603	0.610385	-1.63831	0.0173626	0.436061	-2.29326	7.21E-05	0.126085	-7.93118	0.0423638	0.511799	-1.95389	0.781709	0.923503	-1.08288	0.00159508	0.273138	-3.66116	12.6304	16.4191	1.15553	1
cg09032213	RASA2	0.000879901	0.1864569	0.948844	-1.05391	0.0268703	0.824269	-1.21307	0.0775983	0.745425	-1.34144	0.207684	0.665348	-1.50297	2.21E-05	0.179463	-5.57213	0.0226834	0.473778	2.11128	0.0003241	2.32477	2.32477	0.0010287	2.09368	2.09368	0.0020842	0.511397	1.95553	-1.2299	13.2003	3.7381	0.282711	1
cg21226491	RASA2	0.000979727	0.240081	0.802988	-1.24535	0.00992591	0.559349	-1.78779	0.456008	1.14502	1.14502	0.0166683	0.593697	-1.68436	5.82E-05	0.264838	-3.77598	0.00268342	0.477035	-2.09628	0.0781606	1.41778	1.41778	0.0744151	1.42556	1.42556	0.168303	0.769601	-1.29938	13.835	5.96411	0.447944	1
cg01289343	RASA2	0.000998862	0.0208332	0.699113	-1.42875	0.161757	0.825593	-1.21125	0.00148944	0.555637	-1.79973	0.0027715	0.58902	-1.69773	0.0959203	0.79092	-1.26435	0.556867	1.0792	1.0792	0.0111836	1.85084	0.979101	1.00323	1.00323	0.00070896	0.515965	-1.93812	11.7703	3.06724	0.231636	1
cg19301827	RASA2	0.001786147	0.3844447	1.13665	1.07209	0.3387095	0.720588	-1.42713	0.0512869	0.699988	-1.98733	0.153603	0.829988	-1.20563	0.0001335	0.179555	-5.56723	0.0505172	0.663368	-1.50744	0.0152609	2.247797	2.247797	0.009589	1.984066	1.984066	0.0070238	0.54526	-1.83399	13.5666	8.015077	0.617022	1
cg08492887	RASA2	0.001171108	0.5571581	1.10435	1.10435	0.2228421	0.157666	1.57666	0.00478881	0.534769	-1.86996	0.190953	1.26048	1.26048	0.0209076	0.628367	-1.59143	0.000118083	3.08507	3.08507	0.052983	1.44431	1.44431	0.0157112	1.6404	1.6404	0.618758	0.919557	-1.08748	11.2498	4.97939	0.39344	1
cg21996647	RASA2	0.001177576	0.333121	0.887881	-1.12628	0.2990347	0.854184	-1.17071	0.0138264	0.610422	-1.64629	0.870854	1.01004	1.01004	0.0159357	1.466-05	0.585197	0.365117	0.895079	-1.11721	0.0578294	1.75607	1.75607	0.352745	1.2136	1.2136	0.08338815	0.678095	-1.47472	13.5375	8.78249	0.576099	1
cg11759552	RASA2	0.001182896	0.00588179	0.391438	-2.55468	0.00237756	0.211967	-4.71771	0.656466	1.00136	-0.13355	0.673951	1.1164	1.1164	0.0003522	0.128446	-7.78053	0.026676	0.567141	-1.76292	0.028374	1.99706	1.99706	0.0194053	0.412662	-2.38514	0.0186557	0.540325	1.85074	13.4985	9.94542	0.656153	1
cg02125169	RASA2	0.001272326	0.070145	0.669713	-1.49318	0.954526	1.01113	1.01113	0.182454	0.755642	-1.32338	0.928043	0.982273	-1.01805	0.000182222	0.285553	-3.50197	0.000161854	0.279396	-3.57915	0.0442482	1.5803	1.5803	0.0312383	0.606225	-1.64955	0.573685	0.893531	-1.11915	10.9842	6.82149	0.552024	1
cg12501470	RASA2	0.001281208	0.7464395	0.935465	-1.06945	0.3144311	0.807499	-1.23854	0.796109	1.04822	-1.04641	0.396109	0.858223	-1.16545	3.29E-05	0.192719	-5.18937	0.450651	1.10868	1.10868	0.0382264	1.83266	1.83266	0.0182388	1.83707	-1.19461	0.640224	0.907868	-1.10148	10.9554	1.84709	0.169543	1
cg14166459	RASA2	0.001601377	0.29295	0.776064	-1.28855	0.00015922	0.221202	-4.52076	0.53068	0.86355	-1.15801	0.738028	0.924963	-1.08112	0.00235495	0.370364	-2.68058	0.219033	0.517042	-1.93408	0.000682515	0.299436	-3.33961	0.14106	1.44462	1.44462	0.757286	0.930499	-1.07469	10.2794	8.79076	0.760159	1
cg02642829	RASA2	0.001651663	0.0480618	0.394844	-2.53271	0.0139267	0.736397	-1.35807	0.0001335	0.362677	-2.75627	0.0001335	0.462747	-2.16251	0.0001335	0.466254	-2.14344	0.000625997	0.487243	-2.05115	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg17541290	RASA2	0.001837394	0.0620754	1.67685	1.67685	0.0131525	0.13094	2.13094	0.074404	1.63093	1.63093	0.00227636	2.85831	2.85831	0.000844107	0.290795	-3.43885	0.686402	1.10571	1.10571	0.0207389	0.504001	-1.98412	0.015083	2.08537	2.08537	0.563667	1.15447	1.15447	9.88179	0.476375	0.852455	1
cg08464734	RASA2	0.002005187	0.00643932	1.623	1.623	0.00963054	0.639013	-1.56491	0.000595132	0.484591	-2.06359	0.666259	1.32456	1.32456	0.18604	1.21085	1.21085	0.590753	0.928494	-1.07701	0.0251214	1.49316	0.282335	0.858402	-1.16496	0.0271924	1.42944	1.42944	5.70121	2.83107	0.262952	1
cg09634726	RASA2	0.575	0.00715	0.705553	-1.41743	0.0002708	0.546126	-1.83082	0.0001335	0.379782	-2.63254	0.0001335	0.459156	-1.47242	0.160466	0.837293	-1.19451	0.0031202	0.597507	1.67353	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg04590384	RASA2	0.00220292	0.00219578	0.479734	-2.08449	0.000909807	0.428072	-2.33605	0.0269316	1.56549	1.56549	0.0813569	0.718585	-1.39162	0.00224663	0.481101	-2.07857	0.0337202	0.654297	-1.52836	0.00452781	0.523603	-1.90985	0.106182	0.739477	-1.35231	0.0346848	0.656266	-1.52377	9.37665	4.34376	0.413912	1
cg00571178	RASA2	0.002254049	0.0855952	1.72259	1.72259	0.1003962	0.52444	1.52444	0.290805	0.836843	-1.19783	0.2284	1.54093	1.54093	0.0001335	0.179555	-5.56723	0.0109804	0.594617	1.68259	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg01652514	RASA2	0.002241294	0.008681 62	0.507377	-1.97092	0.491987	1.57683	0.615657	1.57683	0.0157	0.520784	-1.92018	0.174905	0.746262	-1.34001	0.702932	-1.92521	0.008303	0.702932	-1.42268	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg02721135	RASA2	0.002281564	0.000667051	0.210909	-4.74139	0.407286	1.2883	1.2883	0.00831375	0.364907	-2.74042	0.599138	0.853491	-1.17166	0.368107	0.758609	-1.3182	0.107783	0.591881	-1.68953	0.000459943	0.192447	-5.19623	0.306465	1.37219	1.37219	0.00953014	0.37483	-2.66788	8.72058	12.3344	1.25725	1
cg18995031	RASA2	0.002288869	0.5925347	1.09525	1.09525	0.2904317	0.79763	-1.26263	0.0298606	0.743864	-1.34509	0.0298606	0.839275	-1.19075	0.0001335	0.179555	-5.56723	0.0172625	0.610643	1.63853	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg08707961	RASA2	0.00294571	0.274352	0.78404	-1.27545	0.00295652	0.417774	-2.39364	0.00344138	0.427464	-2.33938	0.644831	0.905482	-1.10438	0.000218434	0.26755	-3.73762	0.304343	0.796484	-1.25552	0.156711	1.38268	1.38268	0.149784	0.7187	-1.3914	0.0109875	0.50533	-1.9789	8.60466	6.23564	0.644162	1
cg04205305	RASA2	0.002305105	0.538805	1.07184	1.07184	0.3008487	0.638716	-1.56574	0.0001335	0.384768	-2.59844	0.0001335	0.457755	-1.48264	0.0001335	0.466254	-2.14344	0.148044	0.807755	1.23881	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg19583934	RASA2	0.00308983	0.0972097	0.741183	-1.34919	0.256118	0.822788	-1.21538	0.228915	0.812398	-1.23092	0.275147	1.20541	1.20541	8.89E-05	0.315546	-3.17313	0.254916	1.21603	1.21603	0.0708229	1.39396	1.39396	0.846585	1.03239	1.03239	0.0250548	0.644938	-1.55054	8.48345	3.63787	0.381173	1
cg18095031	RASA2	0.003047097	0.171081	0.834294	-1.58785	0.0207509	0.889725	-1.06253	0.0001335	0.384113	-2.60242	0.0001335	0.462747	-2.16251	0.0001335	0.466254	-2.14344	0.19843	1.19513	1.19513	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg19192426	RASA2	0.003085153	0.339721	0.850941	-1.17546	0.00024535	0.370313	2.70313	0.602056	1.09014	1.09014	0.0486783	1.44682	1.44682	0.0034174	0.190914	-5.23777	0.845227	0.968448	-1.03258	0.516657	1.1389	1.1389	0.131506	1.31189	1.31189	0.0144307	0.7184	1.43948	0.378825	1
cg16122912	RASA2	0.00407955	0.175955	0.785451	-1.27315	0.00590812	1.83021	1.83021	0.000316987	0.375704	-2.66167	0.504243	1.12046	1.12046	0.01128491	0.587064	-1.70339	0.861856	1.02966	1.02966	0.207002	0.799836	-1.25036	0.345283	0.815486	-1.22626	0.179737	0.786425	-1.27158	7.80599	3.48246	0.396556	1
cg02509044	RASA2	0.004041175	0.27307	0.774599	-1.29117	0.0548857	0.809987	-1.23459	0.2919681	0.796109	-1.25623	0.1461	1.11136	1.11136	0.256641	1.189719	-1.19115	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg25630066	RASA2	0.004047804	0.063819	0.672106	-1.48786	0.0427009	0.634918	-1.57501	0.00931209	0.9004	1.90084	0.0410674	0.631929	-1.58246	0.000328542	0.323154	3.0945	0.563881	0.892619	-1.1203	0.560325	1.12149	1.12149	0.121	0.720809	-1.38733	0.0837697	0.689938	-1.45151	7.58898	4.55656	0.533705	1
cg10958510	RASA2	0.004055532	0.062644	0.395314	-2.52852	0.000515867	0.915009	1.05328	0.0990803	0.439204	-2.27684	0.959472	0.977261	-1.02327	0.000390961	0.165918	-6.02433	0.058249	0.488227	-2.04864	0.0001913	0.128194	-7.80868	0.107908	0.669534	0.960751	-1.04121	0.460727	-2.17037	0.0842919	1.94633	22.2335	2.74704	1
cg05187651	RASA2	0.00408786	0.21612	0.763356	-1.31045	0.0243962	0.59893	-1.66967	0.170877	0.74712	-1.33847	0.0130596	0.532477	-1.87801	0.0516565	0.635434	-1.57373	0.169273	0.676924	1.4957	1.4957	0.822155	1.04716	1.04716	7.17583	4.76097	0.589753	1
cg08329931	RASA2	0.00581312	0.56912	0.895794	-1.11633	0.822485	1.04391	1.04391	0.0001335	0.384591	-2.60269	0.666259	1.32456	1.32456	0.18604	1.21085	1.21085	0.038157	1.58335	1.58335	0.00126	0.677418	0.677418	0.677418	0.677418	0.677418	0.677418	0.677418	0.677418	0.677418	0.677418	0.677418	10.3867	2.29365	0.220913	1
cg12646316	RASA2	0.005904488	0.969073	0.991	1.00958	0.750234	0.344092	1.34494	0.0001335	0.384768	-2.60269	0.666259	1.32456	1.32456	0.18604	1.21085	1.21085	0.709077	1.09435	1.09435	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg09088282	RASA2	0.00614009	0.4688332	0.847773	-1.17956	0.251786	1.3077	1.3077	0.13439	0.696494	-1.43576	0.0210138	0.537166	-1.86162	0.000204164	0.247873	-4.03436	0.214812	1.3399	1.3399	0.697304	1.09153	1.09153	0.160358	1.39942	1.39942	0.981801	0.994902	-1.00512	6.88986	5.4787	0.706829	1
cg04760641	RASA2	0.00646069	0.703312	0.914218	-1.42184	0.421221	1.1705	1.1705	0.0445417	0.644567	-1.55206	0.3615267	1.19638	1.19638	0.000322204	0.237972	-4.20404	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg01811815	RASA2	0.00734873	0.0438506	0.54075	-1.85108	0.0184008	0.42997	-2.32574	0.0400704	0.496507	-2.01407	0.121461	0.609279	-1.64128	0.000439184	0.191987	5.2087	0.845224	0.968448	-1.03258	0.516657	1.1389	1.1389	0.131506	1.31189	1.31189	0.0144307	0.7184	1.43948	0.378825	1
cg26132045	RASA2	0.00740194	0.0798734	0.482	-2.07435	0.0001335	0.384768	-2.60269	0.666259	1.32456	1.32456	0.18604	1.21085	1.21085	0.038157	1.58335	1.58335	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg23232045	RASA2	0.00787342	0.184455	1.27284	1.27284	0.146443	0.765566	-1.30622	0.0377686	0.661728	-1.5112	0.956449	1.0094	1.0094	0.000508082	0.248888	2.48888	0.575524	1.2051	1.2051	0.0001929	0.167831	-5.95838	0.144422	0.556234	-1.67702	0.0144631	0.370166	-2.70149	6.281	10.8185	1.53104	1
cg06539402	RASA2	0.00819	0.553272	0.94045	1.09405	0.295087	0.17674	1.17674	0.29977	0.851241	-1.17476	0.158943	0.796959	-1.25477	0.0733775	0.91072	-1.09803	0.013047	1.58659	1.58659	0.00170977	0.511172	-1.95652	0.009303076	0.7445	1.6445	0.200412	1.22228	1.22228	6.22347	0.316244	1
cg07709314	RASA2	0.00911544	0.2429313	0.74392	-1.34457	0.0237195	0.737415	-1.35717	0.0001335	0.384768	-2.60269	0.666259	1.32456	1.32456	0.18604	1.21085	1.21085	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg21107044	RASA2	0.00915803	0.0805051	0.41257	1.41257	0.0499128	1.94257	1.94257	0.00770862	0.543359	-1.8404	0.332206	1.19512	1.19512	0.020781	0.60902	-1.64198	0.213194	1.26311	1.26311	0.63053	1.09019	1.09019	0.455649	0.873377	-1.14498	0.0299492	1.57624	1.57624	0.07868	0.05648	0.446951	1
cg25338242	RASA2	0.00939707	0.0160258	0.68468	-1.46054	0.280764	0.865836	-1.15495	0.0172467	0.68805	-1.45179	0.646944	0.942465	-1.06105	0.00206128	0.572551	1.74657	0.669514	0.768065	-1.30197	0.0101528	1.51682	1.51682	0.844439	1.02556	1.02556	0.692277	0.950171	-1.05244	0.02907	1.57662	0.232446	1
cg22348156	RASA2	0.00943116	0.577233	1.14284	1.14284	0.2782315	0.28158	-1.60291	0.0290258	0.729571	-1.37071	0.196667	1.38253	1.38253	0.0001335	0.179555	-5.56723	0.0110677	0.614479	1.62825	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	0.0001335	0.466254	-2.14344	10.3867	2.29365	0.220913	1
cg04700361	RASA2	0.00989028	0.173905	0.854726	-1.16

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg15963499	RASAL2;RASAL2	0.0223516	0.210386	0.778215	-1.28499	0.971092	0.993139	-1.00691	0.00940661	0.535012
cg19784382	RASAL3	0.000418384	0.728163	1.08026	1.08026	0.395367	0.824821	-1.21238	2.15E-05	0.150844
cg01524501	RASAL3	0.00418017	0.0438026	0.523518	-1.91015	0.220207	0.697668	-1.43335	0.109132	0.613888
cg12360046	RASAL3	0.00758895	0.330222	1.26762	1.26762	0.000655573	0.291559	-3.42984	0.041498	1.74168
cg17971600	RASAL3	0.015429	0.0177421	0.381868	-2.6187	0.0133574	0.35943	-2.78218	0.184103	0.624724
cg11553802	RASAL3	0.0183146	0.116346	0.56092	-1.78279	0.117203	0.561808	-1.77997	0.0263269	0.409578
cg13862920	RASAL3	0.0191326	0.0363452	0.480524	-2.08106	0.00400682	0.312009	-3.20503	0.00174191	0.260642
cg18467189	RASAL3	0.019648	0.105672	0.450362	-2.22044	0.0775369	0.4125	-2.42425	0.00828757	0.21796
cg05504085	RASAL3	0.0467616	0.0811463	0.413413	-2.41889	0.034608	0.324499	-3.08168	0.0175157	0.266909
cg11245205	RASD1	0.000218287	0.0235188	1.43167	1.43167	0.000808407	0.511528	-1.95493	0.0422701	0.733221
cg17676237	RASD1	0.000333781	0.439982	0.868135	-1.15189	0.000328599	2.83399	2.83399	6.19E-05	3.76575
cg18050291	RASD1	0.000711688	0.298308	0.821805	-1.21683	0.00409289	2.01627	2.01627	3.94E-05	0.238826
cg02424695	RASD1	0.00239532	0.152491	1.58156	1.58156	0.135899	0.618359	-1.61718	0.58002	1.18197
cg12601987	RASD1	0.00734867	0.988787	0.998436	-1.00157	0.0118509	1.41884	1.41884	0.000987711	1.72488
cg22981296	RASD1	0.0111128	0.195924	0.765164	-1.30691	0.00153479	0.409748	-2.44052	0.00352988	0.461105
cg22043720	RASD1	0.0127167	0.443558	0.834139	-1.19884	0.00171748	0.353864	-2.82594	0.0206208	0.523474
cg02226194	RASD1	0.0229047	0.0443941	0.722455	-1.38417	0.115038	0.785622	-1.27288	0.00121631	0.513405
cg05210668	RASD2	0.000257653	0.803958	0.938542	-1.06548	0.148411	0.673462	-1.48487	0.324045	1.29659
cg09522188	RASD2	0.000299484	0.558683	1.14145	1.14145	0.234255	0.756579	-1.32174	0.0227514	1.84017
cg14788749	RASD2	0.00203247	0.689905	0.946792	-1.0562	0.761744	0.959391	-1.04233	0.235881	1.18453
cg25947555	RASD2	0.00387417	0.600336	1.12925	1.12925	0.200529	1.36464	1.36464	0.0456287	1.6938
cg17345985	RASD2	0.00581146	0.00948212	0.345867	-2.89129	0.0830696	0.538038	-1.8586	0.009838	0.348571
cg17059564	RASD2	0.0178643	0.0184034	2.21488	2.21488	0.337515	0.759636	-1.31642	0.175015	0.669615
cg25959506	RASD2	0.020068	0.206828	0.703049	-1.42238	0.981977	0.99404	-1.006	0.709329	1.10417
cg17906007	RASD2	0.0305498	0.0597411	0.547495	-1.8265	0.686432	0.891297	-1.12196	0.11684	0.616876
cg23006885	RASD2	0.0405897	0.108811	0.38653	-2.58712	0.479969	0.676882	-1.47736	0.768587	0.851841
cg12284382	RASD2	0.0484066	0.0394011	0.177448	-5.63546	0.701656	0.756323	-1.32219	0.489759	0.601047
cg25231225	RASD2;RASD2	5.28E-05	0.00135281	3.9479	3.9479	0.0356545	2.05747	2.05747	0.744533	1.10128
cg14473016	RASD2;RASD2	0.000390517	0.0290283	0.586351	-1.70546	0.728406	1.075	1.075	0.6017	0.896508

Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg13444533	RASEF	0.000318451	0.00334889
cg14419310	RASEF	0.0149325	0.0444772
cg02636041	RASGEF1A	6.90E-06	0.315697
cg16305345	RASGEF1A	3.03E-05	0.137314
cg25250132	RASGEF1A	0.00293416	0.112658
cg09605494	RASGEF1A	0.0029877	0.286816
cg14845216	RASGEF1A	0.00328567	0.322723
cg07638650	RASGEF1A	0.00596592	0.715062
cg25885077	RASGEF1A	0.0087432	0.000866738
cg07871503	RASGEF1A	0.0125622	0.897541
cg16060369	RASGEF1A	0.0156475	0.0148642
cg14825684	RASGEF1A	0.0198995	0.966911
cg22757362	RASGEF1A	0.0222203	0.000882619
cg06655623	RASGEF1A	0.0227108	0.382004
cg01195910	RASGEF1A	0.0358178	0.664905
cg23136139	RASGEF1A	0.0378717	0.172674
cg25104030	RASGEF1A	0.0379236	0.620202
cg14317457	RASGEF1A	0.0484597	0.701405
cg26363580	RASGEF1B	0.000429839	0.0014513
cg06385459	RASGEF1B	0.000994646	0.00128423
cg25036095	RASGEF1B	0.00323847	0.723193
cg11899201	RASGEF1B	0.00493896	0.857113
cg24365766	RASGEF1B	0.00746004	0.224257
cg08980697	RASGEF1B	0.00790942	0.0345452
cg09531225	RASGEF1B	0.0187704	0.969249
cg11659918	RASGEF1B	0.0287186	0.956166
cg22520562	RASGEF1B	0.0477554	0.410307
cg08669018	RASGEF1B	0.0480744	0.26403
cg07837764	RASGEF1B;RASGEF1B	0.0225088	0.0805463
cg03596315	RASGEF1C	3.45E-05	0.848134
cg08328067	RASGEF1C	7.14E-05	0.598341
cg10996931	RASGEF1C	0.000836178	0.338915
cg16150702	RASGEF1C	0.00265161	0.00106192
cg03585764	RASGEF1C	0.00332438	0.000198992
cg12684744	RASGEF1C	0.00462544	0.679243
cg02074558	RASGEF1C	0.0105841	0.464762
cg08453205	RASGEF1C	0.0135159	0.00818417
cg12955789	RASGEF1C	0.0146256	0.0333328
cg02145002	RASGEF1C	0.0225181	0.112213
cg16635010	RASGEF1C	0.0237173	0.356847
cg02567769	RASGEF1C	0.034973	0.0942846
cg01808762	RASGEF1C	0.0481037	0.0737141
cg19978624	RASGEF1C	0.0482556	0.441148
cg04813639	RASGRF1;RASGRF1	0.000300874	0.00143044
cg17821321	RASGRF1;RASGRF1	0.00701559	0.333697
cg04828458	RASGRF1;RASGRF1	0.0101748	0.870155
cg19431448	RASGRF1;RASGRF1	0.0105022	0.644788
cg13937040	RASGRF1;RASGRF1	0.0276418	0.847688
cg15156078	RASGRF1;RASGRF1	0.0389698	0.561117
cg22821300	RASGRF1;RASGRF1;RASGRF1	0.000268097	0.243136
cg02587988	RASGRF1;RASGRF1;RASGRF1	0.000510118	0.235417
cg11942622	RASGRF1;RASGRF1;RASGRF1	0.00226144	0.528365
cg06376992	RASGRF1;RASGRF1;RASGRF1	0.00688749	0.144729
cg05529500	RASGRF1;RASGRF1;RASGRF1	0.00794082	0.509622
cg08341278	RASGRF1;RASGRF1;RASGRF1	0.0138424	0.735288
cg02597493	RASGRF1;RASGRF1;RASGRF1	0.0252886	0.00728087
cg04147272	RASGRF1;RASGRF1;RASGRF1	0.035793	0.598967
cg24739098	RASGRF1;RASGRF1;RASGRF1;RASGRF1	0.00364656	0.0106634
cg21840434	RASGRF1;RASGRF1;RASGRF1;RASGRF1	0.0322448	0.125382
cg22062007	RASGRF2	0.00027308	0.000873945
cg23156742	RASGRF2	0.000651865	0.991578
cg04709321	RASGRF2	0.00495744	0.152113
cg04175399	RASGRF2	0.00591175	0.268808
cg06829830	RASGRF2	0.00833212	0.824846
cg14091372	RASGRF2	0.0158603	0.165233
cg05542262	RASGRF2	0.0178548	0.399053
cg13626830	RASGRF2	0.0203172	0.049788
cg06655952	RASGRF2	0.0214877	0.29513
cg09496599	RASGRF2	0.0259488	0.331055
cg04493793	RASGRF2	0.0476461	0.218459
cg08791813	RASGRF2	0.0477104	0.0114294
cg11547201	RASGRF2;RNU5E;RNU5D	0.0277456	0.0144999
cg06004754	RASGRF2;RNU5E;RNU5D	0.0321638	0.033195
cg17350720	RASGRP1;RASGRP1	0.0117514	0.570956
cg27665171	RASGRP1;RASGRP1	0.0126135	0.741003
cg05251325	RASGRP1;RASGRP1	0.0213204	?
cg20666492	RASGRP1;RASGRP1	0.0426202	0.116998
cg11334214	RASGRP2;RASGRP2	0.00497391	0.0241731
cg02959637	RASGRP2;RASGRP2	0.0479481	0.143822
cg06606296	RASGRP2;RASGRP2;RASGRP2	9.25E-05	0.451935
cg03513962	RASGRP2;RASGRP2;RASGRP2	0.000855224	0.615654
cg26974222	RASGRP2;RASGRP2;RASGRP2	0.00123882	0.00792663
cg14528318	RASGRP2;RASGRP2;RASGRP2	0.00197816	0.11022
cg05375230	RASGRP2;RASGRP2;RASGRP2	0.00743024	0.0219061
cg23057706	RASGRP2;RASGRP2;RASGRP2	0.00755037	?
cg15355719	RASGRP2;RASGRP2;RASGRP2	0.00913203	0.0447156
cg03529408	RASGRP2;RASGRP2;RASGRP2	0.0107099	0.00646644
cg18492647	RASGRP2;RASGRP2;RASGRP2	0.0122964	0.0077772
cg19779379	RASGRP2;RASGRP2;RASGRP2	0.0127567	0.520775
cg05479196	RASGRP2;RASGRP2;RASGRP2	0.0146465	0.367479
cg26584528	RASGRP2;RASGRP2;RASGRP2	0.0197968	0.0344137
cg15787807	RASGRP2;RASGRP2;RASGRP2	0.0230647	0.0418377
cg03860020	RASGRP2;RASGRP2;RASGRP2	0.0321643	0.251355
cg22749107	RASGRP2;RASGRP2;RASGRP2	0.034565	0.344283
cg24134261	RASGRP3	0.0264691	0.010168
cg04707603	RASGRP3;RASGRP3	0.00206691	0.00327523
cg26294387	RASGRP3;RASGRP3	0.00517141	0.171844
cg21244038	RASGRP3;RASGRP3;RASGRP3	5.40E-05	0.00119919
cg27236007	RASGRP3;RASGRP3;RASGRP3	0.00165369	0.0310242
cg10177056	RASGRP3;RASGRP3;RASGRP3	0.00249484	0.1063
cg03610550	RASGRP3;RASGRP3;RASGRP3	0.00971993	0.190744
cg26369614	RASGRP3;RASGRP3;RASGRP3	0.0265372	0.0685885
cg18200741	RASGRP3;RASGRP3;RASGRP3	0.0323551	0.0674883
cg01531915	RASGRP4;RASGRP4;RASGRP4;RASGRP4; RASGRP4;RASGRP4;RASGRP4	0.000342352	0.0541015
cg18496289	RASGRP4;RASGRP4;RASGRP4;RASGRP4; RASGRP4;RASGRP4;RASGRP4	0.00222684	0.217208
cg11435841	RASGRP4;RASGRP4;RASGRP4;RASGRP4; RASGRP4;RASGRP4;RASGRP4	0.00536631	0.876178
cg11876705	RASGRP4;RASGRP4;RASGRP4;RASGRP4; RASGRP4;RASGRP4;RASGRP4	0.0120148	0.00755644

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24376214	RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4	0.0134375	0.0120994	0.219703	-4.55161	0.451924	0.689869	-1.44955	0.120323	0.44208	-2.26204	0.108738	0.428509	-2.33368	0.00514115	0.166913	-5.99114
cg07876733	RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4	0.0154342	0.0210616	3.1703	3.1703	0.0443242	2.61309	2.61309	0.0602353	2.41408	2.41408	0.284347	0.629722	-1.588	0.281978	0.628175	-1.59191
cg19607092	RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4	0.0227175	0.00128547	0.079841	-12.5249	0.624204	0.766468	-1.30469	0.0726511	0.340021	-2.941	0.184936	0.468911	-2.1326	0.0117677	0.183639	-5.44546
cg23072008	RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4	0.029741	0.0308844	1.9034	1.9034	0.24147	1.36527	1.36527	0.666375	0.895706	-1.11644	0.631188	1.13069	1.13069	0.0238836	1.98278	1.98278
cg09941112	RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4	0.0445513	0.103971	1.94777	1.94777	0.015993	3.02235	3.02235	0.161595	1.75166	1.75166	0.139048	1.8169	1.8169	0.037173	0.403632	-2.4775
cg08081805	RASIP1	3.95E-05	0.0109102	0.430011	-2.32552	0.293552	1.33344	1.33344	0.180135	1.45636	1.45636	0.308428	0.756976	-1.32105	0.188633	0.692207	-1.44465
cg16652769	RASIP1	0.000242114	3.00E-06	0.235149	-4.25263	0.00291855	0.587387	-1.70246	0.959461	1.00664	1.00664	0.543561	1.08328	1.08328	0.738861	0.957406	-1.04449
cg03595478	RASIP1	0.000360299	0.00618557	2.1192	2.1192	0.00131284	0.373915	-2.6744	0.0360606	1.67005	1.67005	0.407688	1.195	1.195	0.000628943	0.331038	-3.0208
cg19420129	RASIP1	0.00328654	0.00754546	0.243738	-4.10276	0.000232563	0.0814415	-12.2788	0.00506049	0.218266	-4.58157	0.144476	0.525338	-1.90353	0.00616707	0.230609	-4.33634
cg12258179	RASIP1	0.0115361	0.0140084	3.60923	3.60923	0.00316503	5.50522	5.50522	0.520645	0.759234	-1.31712	0.0882054	2.21635	2.21635	0.0284473	0.334888	-2.98607
cg23055064	RASIP1	0.0221842	0.0385028	0.5464	-1.83016	0.00479631	0.380782	-2.62617	0.154933	0.684609	-1.46069	0.420433	0.815941	-1.22558	0.00189154	0.316988	-3.15469
cg14116320	RASIP1	0.0303887	0.00579607	2.63031	2.63031	0.0367979	1.91366	1.91366	0.661239	1.12523	1.12523	0.0183937	2.14978	2.14978	0.0325047	1.95362	1.95362
cg10125703	RASIP1	0.0377796	0.0682979	0.425791	-2.34857	0.00707567	0.233215	-4.28789	0.00517834	0.213573	-4.68223	0.0737553	0.434414	-2.30195	0.0610276	0.413497	-2.4184
cg23082877	RASIP1	0.0421535	0.0734564	0.436645	-2.29019	0.324213	1.52609	1.52609	0.26129	1.62645	1.62645	0.716288	1.16362	1.16362	0.0619957	0.417904	-2.39289
cg12552771	RASL10A;RASL10A	0.0454325	0.727352	0.712134	-1.40423	0.430375	2.18294	2.18294	0.100872	5.71331	5.71331	0.0490531	8.84035	8.84035	0.00837818	26.2316	26.2316
cg08569842	RASL10A;RASL10A;RASL10A;RASL10A	0.0399312	0.827529	0.959795	-1.04189	0.0832699	0.697255	-1.4342	0.0643711	0.676504	-1.47819	0.884461	0.973024	-1.02772	0.926673	1.01746	1.01746
cg25309759	RASL10B	0.000543022	0.959029	0.986763	-1.01341	0.226591	1.39004	1.39004	0.000257605	4.76083	4.76083	0.188684	1.43514	1.43514	0.113075	0.639324	-1.56415
cg00024382	RASL10B	0.000837807	0.237725	0.926325	-1.07954	0.175254	1.0933	1.0933	0.114368	0.899189	-1.11211	0.257775	1.07581	1.07581	0.000371973	0.703028	-1.42242
cg23451251	RASL10B	0.00152766	0.0031191	0.352606	-2.83602	0.155542	0.675791	-1.47975	0.00920631	0.426311	-2.34571	0.0115804	0.443074	-2.25696	0.000555067	0.25116	-3.98152
cg08876508	RASL10B	0.00269665	0.00917173	2.24921	2.24921	0.00196375	2.92113	2.92113	0.0238231	1.93624	1.93624	0.0392894	1.7936	1.7936	0.00122823	0.314073	-3.18398
cg05065686	RASL10B	0.00402891	0.143469	0.631566	-1.58337	0.841668	0.94321	-1.06021	0.98396	1.00589	1.00589	0.379393	0.768276	-1.30162	0.143323	0.631445	-1.58367
cg13998712	RASL10B	0.00746759	0.0305241	2.28376	2.28376	0.395531	1.32669	1.32669	0.533878	1.22714	1.22714	0.0287133	2.31228	2.31228	0.00703117	0.322369	-3.10203
cg03421926	RASL10B	0.0110941	0.00272875	0.321698	-3.1085	0.2015	0.690914	-1.44736	0.00296915	0.327045	-3.05768	0.413344	0.795136	-1.25765	0.0116126	0.421127	-2.37458
cg06576742	RASL10B	0.0142615	0.00380311	0.270574	-3.69584	0.173864	0.615988	-1.62341	0.0128358	0.355253	-2.8149	0.884713	0.952572	-1.04979	0.232994	1.52017	1.52017
cg02927346	RASL10B	0.0142963	0.00615267	1.63648	1.63648	0.638867	1.06731	1.06731	0.0107847	1.55489	1.55489	0.00599611	1.6404	1.6404	0.732452	0.953809	-1.04843
cg14622441	RASL10B	0.0163826	0.325737	0.91169	-1.09686	0.0349032	0.799317	-1.25107	0.0056983	0.718663	-1.39147	0.0136932	0.757467	-1.32019	0.856817	1.01659	1.01659
cg17757575	RASL10B	0.0189145	0.884342	0.967547	-1.03354	0.0136632	0.500918	-1.99634	0.186861	1.37317	1.37317	0.28483	0.777395	-1.28635	0.0017142	0.362567	-2.75811
cg08405119	RASL11B	0.00201792	0.106629	0.667975	-1.49706	0.111151	1.48806	1.48806	0.00606152	2.27248	2.27248	0.373284	1.23286	1.23286	0.0028913	0.391345	-2.55529
cg04134731	RASL11B	0.0135675	0.103157	0.714569	-1.39944	0.00715095	0.519551	-1.92474	0.00377397	0.478619	-2.08934	0.945478	0.98719	-1.01298	0.291713	0.813634	-1.22905
cg26519401	RASL11B	0.0265375	0.111375	0.556288	-1.79763	0.224834	1.53903	1.53903	0.880056	1.05239	1.05239	0.434805	1.30929	1.30929	0.0285829	0.417471	-2.39538
cg14704921	RASL11B;RASL11B	0.0127063	0.94279	0.983059	-1.01723	0.838634	1.04974	1.04974	0.207697	1.372	1.372	0.0298103	0.544074	-1.83799	0.115498	0.665416	-1.50282
cg11267410	RASL12	0.00209062	0.921421	1.01629	1.01629	0.00014286	2.92625	2.92625	0.249807	0.821231	-1.21768	0.0576509	1.42124	1.42124	0.00762289	0.570167	-1.75387
cg00397575	RASL12	0.00407367	0.130708	0.664698	-1.50444	0.00112311	3.32097	3.32097	0.0117291	2.1988	2.1988	0.800959	0.938739	-1.06526	0.00786917	0.426008	-2.34738
cg19592235	RASL12	0.00535428	0.00608518	0.698273	-1.43211	0.214277	1.1401	1.1401	0.952567	1.00598	1.00598	0.15576	0.858731	-1.16451	0.0119977	0.730331	-1.36924
cg13754518	RASL12	0.0167926	0.749995	1.06575	1.06575	0.494965	0.871076	-1.14801	0.616884	1.10568	1.10568	0.544657	1.12989	1.12989	0.00164394	0.407478	-2.45412
cg27356162	RASL12	0.0441632	0.957511	0.988161	-1.01198	0.0849089	1.53094	1.53094	0.00122042	2.88018	2.88018	0.598165	0.887907	-1.12624	0.148016	1.41468	1.41468
cg10604168	RASL12;RASL12	0.0021557	0.0278817	0.760039	-1.31572	0.000175948	1.95765	1.95765	0.00872586	0.702691	-1.4231	0.837522	0.978552	-1.02192	0.221647	1.14527	1.14527
cg27522060	RASL12;RASL12	0.034773	0.694359	0.909099	-1.09999	0.00153452	3.00454	3.00454	0.546802	0.863163	-1.15853	0.657601	0.897946	-1.11365	0.904096	1.02952	1.02952
cg11518550	RASSF10	0.000448871	0.641493	0.915248	-1.0926	0.708729	1.07344	1.07344	0.0458772	0.649073	-1.54066	0.691528	1.07823	1.07823	3.30E-05	0.21819	-4.58317
cg09596429	RASSF10	0.014498	0.318572	1.8865	1.8865	0.624703	0.738174	-1.35469	0.91332	0.935154	-1.06934	0.785188	1.1832	1.1832	0.0642294	0.277934	-3.59798
cg20918243	RASSF10	0.0367243	0.394944	1.88042	1.88042	0.883576	0.899241	-1.11205	0.899682	0.912642	-1.09572	0.580639	1.49846	1.49846	0.217793	0.390749	-2.55919
cg08876434	RASSF10	0.0417912	0.450044	2.56261	2.56261	0.812297	1.33756	1.33756	0.820531	1.32024	1.32024	0.329411	3.42333	3.42333	0.295064	0.265103	-3.77212
cg13872831	RASSF1;RASSF1	0.00237883	0.0240071	3.98346	3.98346	0.00732382	5.8999	5.8999	0.147579	2.22035	2.22035	0.138897	2.26546	2.26546	0.0205755	4.1871	4.1871
cg27569446	RASSF1;RASSF1	0.00830001	0.0370456	5.78723	5.78723	0.05553	4.82277	4.82277	0.129199	3.28297	3.28297	0.16082	2.96266	2.96266	0.0381275	5.7126	5.7126
cg08047457	RASSF1;RASSF1	0.00995017	0.0594847	2.45468	2.45468	0.0299835	2.93826	2.93826	0.0255437	3.06528	3.06528	0.257857	1.64616	1.64616	0.0192785	3.30338	3.30338
cg00777121	RASSF1;RASSF1	0.010413	0.0602895	3.12589	3.12589	0.00820539	6.1671	6.1671	0.0374312	3.66559	3.66559	0.528109	1.41033	1.41033	0.062467	3.08901	3.08901
cg25747192	RASSF1;RASSF1	0.0109831	0.0202188	4.51203	4.51203	0.0121258	5.37845	5.37845	0.0645698	3.05579	3.05579	0.132274	2.39642	2.39642	0.0352262	3.74201	3.74201
cg24859722	RASSF1;RASSF1	0.0116788	0.25166	1.78113	1.78113	0.0700368	2.65469	2.65469	0.377985	1.54652	1.54652	0.426888	1.4785	1.4785	0.0132263	4.39392	4.39392
cg21554552	RASSF1;RASSF1	0.0119851	0.0402841	4.0035	4.0035	0.0150986	5.74474	5.74474	0.0321179	4.34798	4.34798	0.0410351	3.97668	3.97668	0.210052	2.16709	2.16709
cg12966367	RASSF1;RASSF1	0.0180022	0.0255955	7.61262	7.61262	0.0813434	4.38734	4.38734	0.124197	3.57559	3.57559	0.111628	3.7665	3.7665	0.0171977	9.22438	9.22438
cg25486143	RASSF1;RASSF1	0.0202679	0.0424223	7.75204	7.75204	0.0883414	5.19505	5.19505	0.0997608	4.85821	4.85821	0.697269	1.40855	1.40855	0.362994	2.2688	2.2688
cg06172942	RASSF1;RASSF1	0.0275672	0.113725	2.04348	2.04348	0.0728699	2.29538	2.29538	0.34224	1.50136	1.50136	0.862442	1.07468	1.07468	0.657031	1.20392	1.20392
cg21908110	RASSF1;RASSF1	0.0380951	0.248487	1.57696	1.57696	0.744099	1.13165	1.13165	0.536872	0.789692	-1.26632	0.629061	1.20176	1.20176	0.774319	1.11466	1.11466
cg01932734	RASSF1;RASSF1;RASSF1	0.00011492	0.750883	0.945803	-1.0573	0.244679	0.808229	-1.23727	0.00139788	0.444934	-2.24752	0.000615846	0.397542	-2.51546	2.48E-06	0.13588	-7.35942
cg24049629	RASSF1;RASSF1;RASSF1	0.0374738	0.0192201	0.49243	-2.03075	0.0855489	0.621692	-1.60851	0.0372058	0.546128	-1.83107	0.0193131	0.492806	-2.0292	0.0834404	0.619265	-1.61482
cg02930432	RASSF1;RASSF1;RASSF1;RASSF1	7.77E-05	0.388747	0.822269	-1.21615	0.0123802	1.99326	1.99326	0.04978	1.64175	1.64175	7.33E-06	8.93403	8.93403	0.00656248	0.457402	-2.18626
cg09386807	RASSF1;RASSF1;RASSF1;RASSF1	0.000222109	0.01231	0.510025	-1.96069	0.0566629	1.59357	1.59357	0.123034	1.43458	1.43458	0.00011214	4.33346	4.33346	0.00527283	0.451802	-2.21336
cg13257331	RASSF1;RASSF1;RASSF1;RASSF1	0.00041952	0.607585	0.910955	-1.09775	0.107826	1.37154	1.37154	0.458073	0.8728	-1.14574	0.249125	1.2422	1.2422	3.34E-05	0.234897	-4.25719
cg23147362	RASSF1;RASSF1;RASSF1;RASSF1	0.000481881	0.164846	0.834321	-1.19858	0.873336	1.0197	1.0197	0.000634147	1.89964	1.89964	0.0225901	1.39627	1.39627	0.343549	0.887558	-1.12669
cg05989693	RASSF1;RASSF1;RASSF1;RASSF1	0.0037927	0.114423	0.734848	-1.36082	0.00516822	0.51557	-1.9396	0.00497902	0.513222	-1.94847	0.0212473	0.608423	-1.64359	0.975689	0.994547	-1.00548
cg19811994	RASSF1;RASSF1;RASSF1;RASSF1	0.00436148	0.351088	0.730705	-1.36854	0.00257601	0.255104	-3.91998	0.150937	0.6046	-1.65399	0.971321	0.988316	-1.01182	0.00196791	0.23931	-4.17868
cg26093954	RASSF1;RASSF1;RASSF1;RASSF1	0.00754699	0.311794	0.862895	-1.15889	0.000258508	0.428566	-2.33336	0.174116	0.815663	-1.226	0.066668	0.748428	-1.33613	0.595045	0.927184	-1.07854
cg15426878	RASSF1;RASSF1;RASSF1;RASSF1	0.0115127	0.0695037	0.719665	-1.38954	0.00120147	2.15701	2.15701	0.012111	1.65995	1.65995	0.906618	1.0192	1.0192	0.0738484	0.724087	-1.38105
cg06375085	RASSF1;RASSF1;RASSF1;RASSF1	0.0213584	0.142488	1.69027	1.69027	0.275635	0.685508	-1.45877	0.187366	1.59239	1.59239	0.726642	0.889713	-1.12396	0.00803233	0.322795	-3.09794
cg06980053	RASSF1;RASSF1;RASSF1;RASSF1	0.0249726	0.118904	0.528667	-1.89155	0.465845	1.32244	1.32244	0.0199927	2.8786	2.8786	0.0805247	2.07504	2.07504	0.00969789	0.291627	-3.42904
cg06821120	RASSF1;RASSF1;RASSF1;RASSF1	0.0258076	0.544613	0.798649	-1.25211	0.0976726	1.94701	1.94701	0.154806	1.74775	1.74775	0.0211253	2.76399	2.76399	0.0218618	0.364673	-2.74218
cg00980904	RASSF1;RASSF1;RASSF1;RASSF1	0.0269136	0.304286	0.676685	-1.47779	0.0402446	0.41897	-2.38681	0.140392	0.558651	-1.79003	0.47192	0.764442	-1.30814	0.114879	0.532926	-1.87643
cg04743654	RASSF1;RASSF1;RASSF1;RASSF1	0.0291374	0.0481674	18.3459	18.3459	0.0489748	18.1035	18.1035	0.0752636	12.8295	12.8295	0.115063	9.09328	9.09328	0.107219	9.63366	9.63366
cg19854901	RASSF1;RASSF1;RASSF1;RASSF1	0.0299192	0.722749	0.92065	-1.08619	0.110639	0.668018	-1.49697	0.0805293	0.637719	-1.56809	0.00723281	0.447387	-2.2352	0.00680348	0.443168	-2.25648
cg21372200	RASSF1;RASSF1;RASSF1;RASSF1	0.030005	0.0819134	0.455975	-2.1931	0.538204	1.28904	1.28904	0.156437	1.8544	1.8544	0.116023	2.00548	2.00548	0.00520257	0.22263	-4.49177
cg06063729	RASSF1;RASSF1;RASSF1;RASSF1	0.0364456	0.00583346	0.524476	-1.90666	0.0962185	1.38618	1.38618	0.121834	1.3496	1.3496	0.333174	0.83656	-1.19537	0.114108	1.3597	1.3597
cg07130266	RASSF1;RASSF1;RASSF1;RASSF1;RASSF1	0.00625187	0.104558	0.466027	-2.1458	0.933233	1.03672	1.03672	0.0264847	3.10223	3.10223	0.00117955	7.75073	7.75073	0.0067047	0.220192	-4.5415
cg14884256	RASSF1;RASSF1;RASSF1;RASSF1;RASSF1	0.00739999	?	?	?	0.0955026	0.626058	-1.5973	0.0481786	0.545399	-1.83352	0.0589896	1.75772	1.75772	0.00328629	0.258433	-3.86948
cg06117233	RASSF1;RASSF1;RASSF1;RASSF1;RASSF1	0.0298366	0.224428	0.668664	-1.49552	0.529374	1.22258	1.22258	0.0357762	2.16085	2.16085	0.142269	1.64464	1.64464	0.00879452	0.349154	-2.86407
cg03297783	RASSF1;RASSF1;ZMYND10	0.00806854	0.0886766	1.75881	1.75881	0.960726	0.985304	-1.01492	0.988679	1.00427	1.00427	0.0137888	2.49743	2.49743	0.028731	0.460408	-2.17199
cg04540383	RASSF1;RASSF1;ZMYND10	0.0389417	0.320642	1.78503	1.78503	0.0168575	5.18835	5.18835	0.0349069	4.00741	4.00741	0.318709	1.78945	1.78945	0.838592	1.12206	1.12206
cg02817007	RASSF1;ZMYND10;RASSF1	0.0227909	0.0752498	0.723249	-1.38265	0.167222	0.785966	-1.27232	0.0376638	0.674092	-1.48348	0.163289	1.27557	1.27557	0.0808989	0.728621	-1.37246
cg24298409	RASSF1;ZMYND10;RASSF1	0.0334903	0.953413	0.989907	-1.0102	0.0585688	0.690033	-1.44921	0.0341503	0.651021	-1.53605	0.47203	0.88072	-1.13544	0.503778	0.888874	-1.12502
cg16884569	RASSF2	0.0384616	0.162648	1.21522	1.21522	0.113978	0.798618	-1.25216	0.0719054	0.768934	-1.3005	0.104185	0.792692	-1.26152	0.534517	0.921027	-1.08574
cg23786883	RASSF2;RASSF2	0.000198307	0.297881	0.752653	-1.32863	0.11936	0.640801	-1.56055	0.933528	1.02221	1.02221	0.125476	1.54749	1.54749	1.34E-05	0.0908005	-11.0132
cg03605116	RASSF2;RASSF2	0.0215989	0.0241959	0.326139	-3.06617	0.0217815	3.15187	3.15187	0.0979787	0.469164	-2.13145	0.904793	0.951337	-1.05115	0.0198244	0.309509	-3.23092
cg12322852	RASSF2;RASSF2	0.0233281	0.0457056	1.29706	1.29706	0.00237203	0.608091	-1.64449	0.475845	1.08412	1.08412	0.167376	0.847756	-1.17958	0.544859	0.934055	-1.0706
cg05914537	RASSF2;RASSF2	0.0336348	0.818175	0.938496	-1.06553	0.958507	1.01445	1.01445	0.0966178	0.60483	-1.65336	0.388813	1.27565	1.27565	0.0030421	0.326545	-3.06237
cg19239041	RASSF2;RASSF2	0.0428158	0.0304327	0.264946	-3.77436	0.0194719	0.228859	-4.36951	0.0262453	0.252446	-3.96124	0.126517	0.421875	-2.37037	0.00578035	0.151359	-6.60679
cg07915282	RASSF3	0.000245916	0.00181991	0.255374	-3.91582	0.00483975	3.16131	3.16131	0.710842	1.12153	1.12153	0.00724121	2.90734	2.90734	0.00582113	0.328793	-3.04143
cg00419092	RASSF3	0.00203127	0.0162827	0.290632	-3.44078	0.0483813	2.58234	2.58234	0.367952	1.47547	1.47547	0.00579527	4.57342	4.57342	0.032831	0.349909	-2.85789
cg19992375	RASSF3	0.00667037	0.0180479	0.213393	-4.68618	0.00404749	0.125469	-7.97012	0.00743439	0.156631	-6.38445	0.0864096	0.361095	-2.76936	0.0471687	0.294828	-3.3918
cg12583076	RASSF3	0.00810039	0.359334	0.800778	-1.24879	0.111738	0.664774	-1.50427	0.145513	0.691821	-1.44546	0.0981837	0.652077	-1.53356	0.000421474	0.267862	-3.73326
cg15652577	RASSF3	0.0140786	0.0044041	0.604154	-1.65521	0.414415	0.895306	-1.11694	0.024811	1.42495	1.42495	0.0196288	0.688184	-1.4531	0.179866	0.827943	-1.20781
cg07155453	RASSF3	0.0167213	0.355084	0.905847	-1.10394	0.293297	0.892868	-1.11999	0.0326635	0.771181	-1.29671	0.70829	1.03984	1.03984	0.164605	1.16663	1.16663
cg04835971	RASSF3	0.0194994	0.0572321	0.494746	-2.02124	0.0443661	2.12855	2.12855	0.0507134	2.07151	2.07151	0.132429	1.70088	1.70088	0.0152988	0.377545	-2.64869
cg06842800	RASSF3	0.0493191	0.152112	0.382016	-2.61769	0.137911	2.72388	2.72388	0.988513	0.99101	-1.00907	0.0675837	3.61263	3.61263	0.137136	0.36629	-2.73008
cg23036623	RASSF4	0.00010755	0.519757	0.884834	-1.13016	0.00706816	0.520624	-1.92077	0.034979	0.630833	-1.58521	0.00944438	0.539663	-1.85301	2.60E-06	0.11928	-8.38363
cg01150866	RASSF4	0.000829543	0.657705	1.0825	1.0825	0.105218	1.36985	1.36985	0.125093	1.34331	1.34331	0.277289	1.22247	1.22247	4.66E-05	0.255094	-3.92013
cg19566764	RASSF4	0.00216826	0.498329	0.950518	-1.05206	0.000644223	1.47191	1.47191	0.00805424	1.28479	1.28479	0.60316	1.03948	1.03948	0.252847	0.915603	-1.09218
cg26824247	RASSF4	0.00217656	0.372934	0.726565	-1.37634	0.00146274	0.182972	-5.46531	0.275769	0.672508	-1.48697	0.00103949	0.164813	-6.06749	0.000755055	0.148893	-6.71622
cg24483689	RASSF4	0.00241279	0.734222	1.04506	1.04506	0.00294428	0.589741	-1.69566	0.00378253	0.603337	-1.65745	0.088691	0.784384	-1.27489	0.0120093	0.666842	-1.49961
cg09625781	RASSF4	0.00346028	0.00141528	0.616567	-1.62188	0.0304877	1.30496	1.30496	0.596961	1.05745	1.05745	0.0319028	0.768581	-1.3011	0.827856	0.977461	-1.02306
cg20626045	RASSF4	0.00354891	0.153089	0.608459	-1.6435	0.00877472	2.9561	2.9561	0.0203359	2.47984	2.47984	0.767051	1.10127	1.10127	0.000638726	0.182218	-5.48792
cg27139956	RASSF4	0.00417316	0.0221263	0.543214	-1.84089	0.137398	1.42742	1.42742	0.00156718	2.74693	2.74693	0.057963	0.620816	-1.61078	0.0924785	0.662428	-1.5096
cg02841844	RASSF4	0.00507213	0.0711042	1.24451	1.24451	0.256644	0.87945	-1.13707	0.00329855	1.54389	1.54389	0.471344	1.08274	1.08274	0.107827	1.20971	1.20971
cg05351078	RASSF4	0.00936347	0.0721733	0.668826	-1.49516	0.0108805	0.526858	-1.89804	0.471465	1.15814	1.15814	0.0720039	0.66863	-1.4956	0.652586	0.913175	-1.09508
cg23783768	RASSF4	0.0113384	0.753901	0.971418	-1.02942	0.725621	0.968033	-1.03302	0.00712325	1.37782	1.37782	0.103051	1.17873	1.17873	0.00208372	0.67068	-1.49102
cg01301028	RASSF4	0.0214443	0.117563	1.44092	1.44092	0.250181	0.772411	-1.29465	0.103797	0.682314	-1.4656	0.927157	0.980541	-1.01985	0.59738	1.12136	1.12136
cg27599783	RASSF4	0.0217848	0.00663869	0.67805	-1.47482	0.223323	1.15155	1.15155	0.43993	0.916799	-1.09075	0.0315248	0.757203	-1.32065	0.936785	1.00879	1.00879
cg17324128	RASSF4	0.0309691	0.0281143	0.547121	-1.82775	0.0543967	1.66129	1.66129	0.0205162	1.91383	1.91383	0.82324	0.949302	-1.05341	0.147342	0.696577	-1.43559
cg14889070	RASSF4	0.0368115	0.464761	0.779253	-1.28328	0.00562047	3.3825	3.3825	0.105381	1.8096	1.8096	0.463939	1.28389	1.28389	0.0145669	0.364688	-2.74207
cg11753018	RASSF4	0.0432164	0.251297	0.769286	-1.29991	0.0512714	1.62531	1.62531	0.158843	0.719238	-1.39036	0.0661823	0.637006	-1.56985	0.123169	0.693869	-1.44119
cg24450312	RASSF5;RASSF5	0.000285308	0.000345287	0.561904	-1.77966	0.300735	1.11331	1.11331	0.0375989	1.27309	1.27309	0.777095	1.02882	1.02882	0.000121001	0.510588	-1.95853
cg22237459	RASSF5;RASSF5	0.000559924	0.179514	1.26972	1.26972	0.806714	0.959773	-1.04191	0.642052	1.08156	1.08156	0.681251	1.07163	1.07163	0.000745874	0.424334	-2.35663
cg25283667	RASSF5;RASSF5	0.012129	0.00471533	0.358412	-2.79009	0.449406	0.810064	-1.23447	0.520608	0.836984	-1.19477	0.748041	1.09207	1.09207	0.00107735	0.267278	-3.74143
cg16122716	RASSF5;RASSF5	0.0144057	0.502093	0.81371	-1.22894	0.207777	0.669008	-1.49475	0.0551349	0.517881	-1.93094	0.143343	0.621317	-1.60948	0.00709282	0.348974	-2.86554
cg21218864	RASSF5;RASSF5;RASSF5	0.00140052	0.000379459	0.270889	-3.69155	0.00270343	0.385464	-2.59428	0.00501822	0.425735	-2.34888	0.640151	0.897349	-1.11439	0.00274085	0.386336	-2.58842
cg17001153	RASSF5;RASSF5;RASSF5	0.00425066	0.00229296	0.379119	-2.63769	0.00179512	0.363967	-2.7475	0.195502	1.36548	1.36548	0.608681	0.889149	-1.12467	0.677506	0.909229	-1.09983
cg21204904	RASSF5;RASSF5;RASSF5	0.00764238	0.478605	0.922535	-1.08397	0.242508	1.14672	1.14672	0.534392	1.07297	1.07297	0.290293	0.884403	-1.13071	0.874363	0.982444	-1.01787
cg07380021	RASSF5;RASSF5;RASSF5	0.0200854	0.0036398	0.265317	-3.76907	0.0434361	0.456886	-2.18873	0.0396541	0.448247	-2.23091	0.038026	0.444325	-2.25061	0.0210179	0.392076	-2.55053
cg22871559	RASSF5;RASSF5;RASSF5	0.0222775	0.0237734	0.438047	-2.28286	0.0389567	0.481381	-2.07736	0.404916	0.770535	-1.2978	0.362543	0.751062	-1.33145	0.0202847	0.424855	-2.35374
cg12691994	RASSF5;RASSF5;RASSF5	0.0396996	0.0157221	0.140236	-7.13082	0.00380241	0.0749929	-13.3346	0.0303707	0.184706	-5.41401	0.199701	0.406935	-2.45739	0.0340632	0.193686	-5.163
cg26271110	RASSF5;RASSF5;RASSF5;RASSF5	5.18E-05	0.201661	0.735816	-1.35903	0.0935749	1.52135	1.52135	0.980987	1.00544	1.00544	0.0049122	0.428303	-2.33479	0.117859	0.679513	-1.47164
cg23520347	RASSF5;RASSF5;RASSF5;RASSF5	0.028083	0.803936	1.02741	1.02741	0.131442	1.19364	1.19364	0.0129876	1.39805	1.39805	0.372483	1.10464	1.10464	0.00892604	0.696566	-1.43561
cg12566645	RASSF6;RASSF6	1.85E-05	0.155035	0.88793	-1.12622	0.000788387	0.672813	-1.4863	8.35E-06	0.468295	-2.13541	0.0142987	0.789819	-1.26611	0.0117329	0.781999	-1.27877
cg23746628	RASSF6;RASSF6	0.00319712	0.00259604	0.50861	-1.96614	0.266615	1.20624	1.20624	0.0025211	0.506879	-1.97286	0.264065	0.828119	-1.20756	0.00047342	0.410883	-2.43378
cg04026044	RASSF6;RASSF6	0.0474397	0.00637342	0.275914	-3.62432	0.062575	0.467629	-2.13845	0.0231889	0.373672	-2.67615	0.0395404	0.421683	-2.37145	0.0152402	0.339312	-2.94714
cg21106505	RASSF7;RASSF7;RASSF7	0.00146231	0.632497	0.854701	-1.17	0.783677	0.914227	-1.09382	0.000314401	0.14911	-6.70645	0.349187	0.730482	-1.36896	0.0783898	0.528801	-1.89107
cg21849661	RASSF7;RASSF7;RASSF7	0.00972642	0.0120377	0.274228	-3.6466	0.420769	0.711914	-1.40466	0.0451171	0.386843	-2.58503	0.154464	0.532756	-1.87703	0.0023684	0.173536	-5.76249
cg14896003	RASSF7;RASSF7;RASSF7	0.0107793	0.112079	0.744852	-1.34255	0.118718	0.749509	-1.33421	0.00376315	0.51386	-1.94605	0.103142	0.738206	-1.35464	0.320152	0.839543	-1.19112
cg15789106	RASSF7;RASSF7;RASSF7	0.0197261	0.0160232	0.219173	-4.5626	0.0265898	0.258408	-3.86985	0.10795	0.405321	-2.46718	0.0385223	0.291073	-3.43556	0.0114995	0.196388	-5.09197
cg01553063	RASSF7;RASSF7;RASSF7;C11orf35;C11orf35	0.00183044	0.0936253	0.7889	-1.26759	0.351337	1.13128	1.13128	0.506408	1.09056	1.09056	0.417431	0.898915	-1.11245	0.122326	0.806273	-1.24027
cg19754190	RASSF8;RASSF8	2.14E-06	0.0165809	0.6843	-1.46135	0.00024053	0.454849	-2.19853	2.90E-08	0.0725529	-13.783	0.00603744	0.628146	-1.59199	0.129644	1.23646	1.23646
cg04936446	RASSF8;RASSF8	0.00175722	0.897314	1.0347	1.0347	0.427178	0.807188	-1.23887	0.256473	0.731292	-1.36744	0.661261	1.12355	1.12355	0.011132	0.431364	-2.31823
cg00353340	RASSF8;RASSF8	0.00520537	0.560749	0.915978	-1.09173	0.0124639	0.62883	-1.59025	0.778721	1.04292	1.04292	0.238945	0.831926	-1.20203	0.00113303	0.489396	-2.04333

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24376214	0.0483408	0.335248	-2.98287	0.000789196	0.0856547	-11.6748	0.0522055	0.343094	-2.91466	0.146862	0.470371	-2.12598	5.37168	19.965	3.30374	1
cg07876733	0.0646568	2.37025	2.37025	0.00184195	6.29156	6.29156	0.071842	2.30642	2.30642	0.0544906	2.47741	2.47741	5.13198	14.0548	2.43438	1
cg19607092	0.186627	0.470438	-2.12568	0.011344	0.181304	-5.51559	0.621229	0.764691	-1.30772	0.11668	0.399247	-2.50472	4.50399	20.6969	4.08466	1
cg23072008	0.00533464	2.53977	2.53977	0.0229914	1.99486	1.99486	0.0196939	2.04494	2.04494	0.804583	0.938989	-1.06497	4.09943	4.18666	0.907803	1
cg09941112	0.187344	0.592113	-1.68887	0.236382	0.627953	-1.59248	0.185331	1.69341	1.69341	0.791824	1.10429	1.10429	3.53877	7.8823	1.97992	1
cg08081805	0.000871936	3.73931	3.73931	0.205278	0.70261	-1.42327	6.69E-07	35.7145	35.7145	0.926544	0.97594	-1.02465	28.3388	31.3075	0.982009	1
cg16652769	0.536088	0.921714	-1.08494	0.686111	0.948512	-1.05428	0.575432	1.0764	1.0764	0.207711	1.18868	1.18868	17.4416	4.67603	0.238308	1
cg03595478	0.0183536	1.8257	1.8257	0.00768625	0.486501	-2.0555	0.000814364	2.89159	2.89159	0.0416097	1.63908	1.63908	15.644	10.9628	0.622905	1
cg19420129	0.0695166	0.43444	-2.30181	0.00407164	0.205273	-4.87157	0.00916417	0.256925	-3.89218	0.0734501	0.440607	-2.2696	8.32894	22.2449	2.37404	1
cg12258179	0.513032	1.32397	1.32397	0.271701	1.62261	1.62261	0.012004	3.76432	3.76432	0.0659918	2.393	2.393	5.64514	15.9999	2.51936	1
cg23055064	0.440329	0.823313	-1.21461	0.991604	0.997411	-1.0026	0.273379	1.32644	1.32644	0.277559	0.755918	-1.32289	5.04388	4.74475	0.731652	1
cg14116320	0.0236133	2.06098	2.06098	0.0231119	2.06844	2.06844	0.0981225	1.62493	1.62493	0.841958	1.05487	1.05487	4.06818	4.6131	1.00795	1
cg10125703	0.257257	0.609844	-1.63976	0.0627381	0.416481	-2.40107	0.0393112	0.368846	-2.71116	0.255274	0.608475	-1.64345	3.76113	10.4221	2.46312	1
cg23082877	0.129412	1.97439	1.97439	0.0140119	3.5241	3.5241	0.107339	2.0745	2.0745	0.163541	0.539366	-1.85403	3.61244	9.86243	2.42678	1
cg12552771	0.258569	3.13719	3.13719	0.887622	0.871847	-1.14699	0.00479303	37.746	37.746	0.207348	3.63146	3.63146	3.51291	52.3389	13.2436	1
cg08569842	0.729289	1.06752	1.06752	0.0014466	0.420755	-2.37668	0.911224	1.0212	1.0212	0.239931	1.26038	1.26038	3.68547	2.06449	0.497928	1
cg25309759	9.43E-05	6.0799	6.0799	0.00568197	2.56261	2.56261	0.000335112	4.4839	4.4839	0.0724923	1.68177	1.68177	13.9666	14.884	0.947273	1
cg00024382	0.185683	1.09071	1.09071	9.30E-05	0.649587	-1.53944	0.0723743	0.883321	-1.13209	0.0349039	1.1643	1.1643	12.3702	0.750103	0.0539005	1
cg23451251	0.00137135	0.301972	-3.31156	0.000311472	0.221342	-4.5179	0.90749	0.970468	-1.03043	0.0185443	0.478902	-2.08811	10.4246	10.9786	0.936127	1
cg08876508	0.171642	1.42833	1.42833	0.822006	0.946296	-1.05675	0.0194084	1.9985	1.9985	0.24036	1.3514	1.3514	8.83263	8.39544	0.844891	1
cg05065686	0.000263746	5.76823	5.76823	0.0999041	1.69392	1.69392	0.0125205	2.47945	2.47945	0.0103178	2.57209	2.57209	7.83546	10.6044	1.20301	1
cg13998712	0.00228182	0.250078	-3.99876	0.0983895	1.80194	1.80194	0.431322	1.29814	1.29814	0.301381	1.41604	1.41604	6.4828	10.8365	1.48584	1
cg03421926	0.01586	0.4449	-2.24769	0.0876961	0.596487	-1.67648	0.372774	0.778162	-1.28508	0.00528469	0.364986	-2.73983	5.7168	6.80326	1.05782	1
cg06576742	0.030144	0.425738	-2.34886	0.069688	1.97269	1.97269	0.12285	1.75044	1.75044	0.739998	1.11799	1.11799	5.26773	9.35732	1.57898	1
cg02927346	0.564281	0.922822	-1.08363	0.701955	0.94839	-1.05442	0.116953	0.790801	-1.26454	0.0317526	1.41471	1.41471	5.26349	1.58326	0.267377	1
cg14622441	0.315865	0.909839	-1.0991	0.874471	1.01451	1.01451	0.0111039	1.33657	1.33657	0.583511	1.05174	1.05174	5.03125	0.661525	0.116874	1
cg17757575	0.187444	0.728583	-1.37253	0.00937941	0.473963	-2.10987	0.239637	0.756472	-1.32193	0.356276	0.806493	-1.23994	4.79437	3.90088	0.723234	1
cg08405119	0.529934	1.15689	1.15689	0.000328897	0.264856	-3.77564	0.0423414	0.585347	-1.70839	0.496852	0.853852	-1.17116	9.61687	7.98963	0.738483	1
cg04134731	0.771179	1.05652	1.05652	0.010076	1.84442	1.84442	0.547227	1.12168	1.12168	0.863902	1.03287	1.03287	5.35475	3.01401	0.500326	1
cg26519401	0.952706	1.02026	1.02026	0.00377355	0.266637	-3.75041	0.0137536	0.356989	-2.8012	0.188659	0.624368	-1.60162	4.26742	7.72983	1.6101	1
cg14704921	0.791803	1.06501	1.06501	0.000534608	0.277221	-3.60723	0.402903	1.22603	1.22603	0.161323	1.42777	1.42777	5.47079	4.91057	0.797865	1
cg11267410	0.871461	1.02687	1.02687	0.0484707	0.69131	-1.44653	0.297781	1.19334	1.19334	0.0241866	1.5529	1.5529	9.51809	4.04247	0.377524	1
cg00397575	0.376243	0.796729	-1.25513	0.0596249	0.587451	-1.70227	0.0486054	1.75721	1.75721	0.209103	0.717971	-1.39281	7.80939	7.74581	0.881652	1
cg19592235	0.0360548	0.783094	-1.27699	0.00222773	1.53658	1.53658	0.127056	1.17996	1.17996	0.276969	1.12007	1.12007	7.18651	1.14455	0.141568	1
cg13754518	0.0437461	1.58678	1.58678	0.0439226	1.58599	1.58599	0.808095	1.04966	1.04966	0.0386167	0.620553	-1.61147	4.98992	3.13534	0.558521	1
cg27356162	0.109202	1.47764	1.47764	0.183166	1.37124	1.37124	0.267112	1.29491	1.29491	0.869346	1.03748	1.03748	3.55036	2.80973	0.703461	1
cg10604168	0.126933	1.19043	1.19043	0.0208375	0.745501	-1.34138	0.392061	0.911568	-1.09701	0.499528	1.07506	1.07506	9.43323	1.66577	0.156965	1
cg27522060	0.0933759	1.56105	1.56105	0.0511038	1.70931	1.70931	0.234691	0.740379	-1.35066	0.405266	1.22812	1.22812	3.87625	3.57509	0.819829	1
cg11518550	0.0442148	0.64627	-1.54734	0.0165894	1.73777	1.73777	0.261314	1.24763	1.24763	0.000227827	0.314462	-3.18004	14.724	8.31781	0.502148	1
cg09596429	0.214204	2.23715	2.23715	0.000746699	23.3525	23.3525	0.0226985	5.36249	5.36249	0.278146	0.499388	-2.00245	5.23925	31.4587	5.33727	1
cg20918243	0.161699	2.95381	2.95381	0.00167731	25.9459	25.9459	0.0359432	5.86269	5.86269	0.383873	0.523531	-1.91011	3.8002	31.6179	7.39561	1
cg08876434	0.112888	8.24615	8.24615	0.00172561	236.653	236.653	0.02616	25.1741	25.1741	0.822187	0.75942	-1.31679	3.62401	85.7961	21.0438	1
cg13872831	0.00752248	5.84626	5.84626	0.000112329	32.6029	32.6029	0.00152961	10.3976	10.3976	0.017956	4.37653	4.37653	9.16492	38.2544	3.71022	1
cg27569446	0.0279177	6.57682	6.57682	0.000500257	51.8015	51.8015	0.00296086	19.2552	19.2552	0.0159989	8.48474	8.48474	6.27099	52.2147	7.40123	1
cg08047457	0.0367678	2.78476	2.78476	0.000633894	9.17065	9.17065	0.00515783	4.755	4.755	0.0472799	2.60701	2.60701	5.92007	16.7095	2.50891	1
cg00777121	0.0120736	5.38437	5.38437	0.000841009	14.9021	14.9021	0.00969378	5.81409	5.81409	0.052658	3.27052	3.27052	5.83449	26.7365	4.07333	1
cg25747192	0.0158278	4.90555	4.90555	0.00120692	12.8165	12.8165	0.00590869	6.94212	6.94212	0.0372977	3.67111	3.67111	5.73536	26.2948	4.07527	1
cg24859722	0.0255094	3.59435	3.59435	0.000500992	13.7846	13.7846	0.00811567	5.12276	5.12276	0.085016	2.50415	2.50415	5.62272	20.6895	3.27078	1
cg21554552	0.0135069	5.99002	5.99002	0.00569217	8.35852	8.35852	0.00358885	10.0645	10.0645	0.00557147	8.42983	8.42983	5.57574	30.2714	4.8259	1
cg12966367	0.252723	2.49514	2.49514	0.001287	36.2656	36.2656	0.00730018	14.123	14.123	0.061478	5.01461	5.01461	4.87493	45.2259	8.24643	1
cg25486143	0.522922	1.76361	1.76361	0.00106894	69.1493	69.1493	0.00607746	23.0826	23.0826	0.0481978	7.2319	7.2319	4.68333	56.9546	10.8099	1
cg06172942	0.0149295	3.46609	3.46609	0.00207659	6.05065	6.05065	0.00877153	3.99979	3.99979	0.281612	1.59153	1.59153	4.21081	11.5012	2.42786	1
cg21908110	0.0978684	1.98509	1.98509	0.00241941	4.92757	4.92757	0.00698538	3.73357	3.73357	0.954045	1.022	1.022	3.7497	8.46664	2.00707	1
cg01932734	0.248805	0.809862	-1.23478	0.00189891	0.463088	-2.15942	0.876477	0.973155	-1.02759	0.00126265	0.438957	-2.27813	21.3311	10.3398	0.43087	1
cg24049629	0.0509069	0.573388	-1.74402	0.0631819	0.592964	-1.68644	0.9041	0.970305	-1.0306	0.00728473	0.420805	-2.3764	3.77231	3.73697	0.880562	1
cg02930432	0.0756252	1.5498	1.5498	0.000729331	0.320522	-3.11991	0.000336424	3.59932	3.59932	0.646681	0.902807	-1.10766	23.6836	18.4095	0.690941	1
cg09386807	0.203254	1.33654	1.33654	0.000135652	0.240069	-4.16547	0.00563987	2.19164	2.19164	0.461436	0.85049	-1.17579	17.8556	13.1931	0.656779	1
cg13257331	8.74E-05	0.281779	-3.54888	0.331605	1.19764	1.19764	0.97881	1.00479	1.00479	0.0400807	0.652364	-1.53289	15.0017	7.70243	0.456389	1
cg23147362	1.78E-05	2.92173	2.92173	0.169688	0.836259	-1.1958	0.495272	0.918833	-1.08834	0.105543	1.2413	1.2413	14.4375	3.41711	0.210384	1
cg05989693	0.0598888	1.46365	1.46365	0.00236583	2.14001	2.14001	0.599068	1.09987	1.09987	0.159979	0.763845	-1.30917	7.97928	4.06884	0.453267	1
cg19811994	0.238839	1.49674	1.49674	0.000863025	0.194917	-5.13039	0.429861	0.768406	-1.3014	0.00863706	0.334674	-2.98798	7.64988	12.9485	1.50457	1
cg26093954	0.00400184	0.579793	-1.72475	0.255415	1.18214	1.18214	0.112253	0.783733	-1.27594	0.236942	0.839776	-1.19079	6.46135	2.03237	0.279593	1
cg15426878	0.755784	0.950705	-1.05185	0.15304	1.28138	1.28138	0.287014	1.19618	1.19618	0.443241	0.881029	-1.13504	5.64884	2.3488	0.369601	1
cg06375085	0.0179729	0.383956	-2.60446	0.0363037	0.444695	-2.24873	0.0165061	0.3771	-2.65182	0.702031	1.13653	1.13653	4.60035	8.07661	1.56058	1
cg06980053	0.485481	1.30593	1.30593	0.126445	0.536542	-1.86379	0.12678	1.8626	1.8626	0.250507	0.636232	-1.57175	4.35889	9.79049	1.99653	1
cg06821120	0.33224	1.44306	1.44306	0.0165149	0.341681	-2.92671	0.158288	1.73849	1.73849	0.862534	1.06561	1.06561	4.30923	9.17532	1.89264	1
cg00980904	0.0298441	0.391291	-2.55564	0.00141327	0.183371	-5.45344	0.031687	0.396699	-2.5208	0.0240627	0.372397	-2.68531	4.24644	9.06294	1.89711	1
cg04743654	0.0483557	18.2887	18.2887	0.00335535	171.003	171.003	0.00949609	68.9568	68.9568	0.0302894	26.6065	26.6065	4.12932	108.552	23.3672	1
cg19854901	0.161919	0.707087	-1.41425	0.115114	0.671934	-1.48824	0.487419	0.848964	-1.17791	0.0053743	0.427124	-2.34124	4.09075	3.48957	0.758258	1
cg21372200	0.343898	1.48765	1.48765	0.071893	0.441081	-2.26716	0.871075	1.06841	1.06841	0.0620925	0.424983	-2.35304	4.08659	10.7414	2.33641	1
cg06063729	0.209779	0.789544	-1.26655	0.281557	1.22149	1.22149	0.589655	1.10224	1.10224	0.135178	0.749835	-1.33363	3.81075	1.92887	0.449924	1
cg07130266	0.171413	1.8713	1.8713	0.294352	0.62622	-1.59688	0.0480264	2.64485	2.64485	0.817511	1.10458	1.10458	6.85152	20.0964	2.60723	1
cg14884256	0.0458077	1.85331	1.85331	?	?	?	0.00679874	3.02668	3.02668	0.0364412	1.94797	1.94797	17.583	9.91655	0.322278	1
cg06117233	0.392834	1.31795	1.31795	0.0311084	0.45024	-2.22104	0.408517	1.30554	1.30554	0.191855	0.646788	-1.5461	4.09476	6.45073	1.40032	1
cg03297783	0.955441	1.01694	1.01694	0.949542	1.01921	1.01921	0.000470596	5.21846	5.21846	0.0747002	1.8165	1.8165	6.32714	9.05851	1.27261	1
cg04540383	0.0411214	3.78335	3.78335	0.0458708	3.64108	3.64108	0.00401927	8.86701	8.86701	0.0641608	3.23673	3.23673	3.71963	18.7834	4.48871	1
cg02817007	0.157962	1.28009	1.28009	0.00595181	1.80089	1.80089	0.528333	1.11015	1.11015	0.396585	1.15258	1.15258	4.49899	1.90653	0.376683	1
cg24298409	0.62506	1.08928	1.08928	0.00260116	2.06337	2.06337	0.559522	1.10789	1.10789	0.56523	0.903986	-1.10621	3.92916	1.87605	0.424416	1
cg16884569	0.00528973	0.618305	-1.61733	0.208394	1.1894	1.1894	0.162508	0.822833	-1.21531	0.290752	1.15417	1.15417	3.73658	1.01214	0.240777	1
cg23786883	0.000841508	0.266514	-3.75215	0.000162655	0.183713	-5.44326	0.820537	0.941924	-1.06166	0.00112094	0.282716	-3.53711	18.4136	20.2204	0.97611	1
cg03605116	0.02576	0.331526	-3.01635	0.159926	0.534713	-1.87016	0.133012	1.96552	1.96552	0.601954	0.802995	-1.24534	4.58275	12.6161	2.44708	1
cg12322852	0.116909	0.825534	-1.21134	0.229423	0.868334	-1.15163	0.954734	1.00633	1.00633	0.0176353	0.718184	-1.3924	4.95014	0.947656	0.148898	1
cg05914537	0.77556	1.08198	1.08198	0.0087805	0.398528	-2.50923	0.755707	0.917566	-1.08984	0.0704494	0.572729	-1.74603	3.92308	4.72124	1.06974	1
cg19239041	0.162587	0.459149	-2.17794	0.0327613	0.271384	-3.68482	0.600276	0.758761	-1.31794	0.310532	0.578177	-1.72957	3.59158	15.5076	3.838	1
cg07915282	0.138717	0.612074	-1.63379	0.0013295	0.237524	-4.2101	0.000104453	8.26789	8.26789	0.172797	0.63963	-1.5634	17.3677	26.0951	1.33556	1
cg00419092	0.814072	0.90566	-1.10417	0.0371202	0.361342	-2.76746	0.000308112	11.7494	11.7494	0.878655	0.93776	-1.06637	9.5984	26.8944	2.49064	1
cg19992375	0.00831732	0.163019	-6.13426	0.000782552	0.0651205	-15.3561	0.0156673	0.20331	-4.9186	0.0561909	0.312573	-3.19925	6.7152	30.7545	4.07097	1
cg12583076	0.00458426	0.410795	-2.43431	0.341178	1.26013	1.26013	0.184195	1.39384	1.39384	0.365264	0.803086	-1.2452	6.31929	5.56153	0.7823	1
cg15652577	0.00991444	0.649317	-1.54008	0.559184	0.924696	-1.08144	0.078903	0.772107	-1.29516	0.529667	1.08806	1.08806	5.29014	1.47215	0.247362	1
cg07155453	0.880209	0.984447	-1.0158	0.000407464	0.557759	-1.79289	0.373483	0.909407	-1.09962	0.397257	0.91384	-1.09428	4.99701	0.855072	0.152104	1
cg04835971	0.113517	0.569305	-1.75653	0.0230277	0.410943	-2.43343	0.925958	0.97005	-1.03087	0.670915	0.86952	-1.15006	4.74521	8.0425	1.50655	1
cg06842800	0.534678	0.674083	-1.4835	0.17195	0.401701	-2.48941	0.00751012	8.65529	8.65529	0.820784	0.867341	-1.15295	3.40582	21.222	5.53875	1
cg23036623	0.222123	0.786159	-1.27201	8.52E-05	0.266138	-3.75744	0.200958	1.28821	1.28821	0.0304029	0.620579	-1.6114	21.7134	12.0907	0.494961	1
cg01150866	0.186057	1.28305	1.28305	0.00105198	2.36706	2.36706	0.454627	0.873367	-1.14499	0.178493	0.775596	-1.28933	12.4048	6.20914	0.444929	1
cg19566764	0.856791	1.01343	1.01343	0.384708	0.936321	-1.06801	0.000602473	0.676654	-1.47786	0.169447	1.11411	1.11411	9.41723	0.812898	0.0767292	1
cg26824247	0.358064	0.718824	-1.39116	0.0295992	2.49483	2.49483	?	?	?	0.0378998	0.424394	-2.3563	11.4165	19.0346	1.45888	1
cg24483689	0.567174	0.927928	-1.07767	0.0014105	1.81807	1.81807	0.0540889	1.32676	1.32676	0.756955	0.960648	-1.04096	9.12685	2.41759	0.235456	1
cg09625781	0.0113459	0.717606	-1.39352	0.0122818	1.38606	1.38606	0.705178	1.04059	1.04059	0.0188341	1.34696	1.34696	8.20177	1.4234	0.154265	1
cg20626045	0.741857	1.11331	1.11331	0.0157162	2.61512	2.61512	0.167542	0.620207	-1.61237	0.180812	0.630397	-1.5863	8.13992	13.5937	1.48444	1
cg27139956	0.002012	0.379341	-2.63615	0.478118	0.851796	-1.17399	0.0943132	0.664251	-1.50545	0.221592	0.751439	-1.33078	7.75271	6.07459	0.696484	1
cg02841844	0.0591895	1.26002	1.26002	0.832744	0.977317	-1.02321	0.183927	0.858182	-1.16525	0.000307374	1.88845	1.88845	7.30656	1.36219	0.165719	1
cg05351078	0.368828	0.831104	-1.20322	0.000751226	2.78614	2.78614	0.69711	0.924596	-1.08155	0.439962	0.853969	-1.171	6.03595	3.84044	0.565565	1
cg23783768	0.21488	0.886581	-1.12793	0.0441676	1.23762	1.23762	0.805325	1.02303	1.02303	0.20011	0.882675	-1.13292	5.67676	0.764379	0.119689	1
cg01301028	0.000952714	0.347085	-2.88114	0.0931983	1.48715	1.48715	0.9274	0.980606	-1.01978	0.368423	0.819935	-1.21961	4.59403	3.36019	0.650156	1
cg27599783	0.074793	1.24467	1.24467	0.0237054	1.34689	1.34689	0.157894	1.18119	1.18119	0.57771	1.06399	1.06399	4.56932	0.880203	0.17123	1
cg17324128	0.0697538	1.6026	1.6026	0.214489	1.35514	1.35514	0.497676	0.852052	-1.17364	0.0654648	1.6174	1.6174	4.04087	3.46101	0.761335	1
cg14889070	0.905846	1.04046	1.04046	0.730794	0.890665	-1.12276	0.126496	1.74047	1.74047	0.401834	1.33328	1.33328	3.79692	6.75814	1.58213	1
cg11753018	0.350916	1.2338	1.2338	0.0206288	1.84056	1.84056	0.813126	1.05319	1.05319	0.109992	0.68302	-1.46409	3.57916	2.71463	0.674183	1
cg24450312	0.00814355	1.4036	1.4036	0.000350501	0.562632	-1.77736	0.359752	1.09884	1.09884	0.356023	1.09969	1.09969	16.6776	2.64651	0.141054	1
cg22237459	2.41E-05	0.244157	-4.09572	0.00336694	0.512704	-1.95044	0.449089	0.878798	-1.13792	0.213923	1.24506	1.24506	13.848	6.15308	0.394959	1
cg25283667	0.948382	1.01785	1.01785	0.652543	0.88351	-1.13185	0.00423105	0.351181	-2.84753	0.21526	0.70015	-1.42827	5.55419	6.56926	1.05134	1
cg16122716	0.00197484	0.266348	-3.75449	0.0491138	1.97337	1.97337	0.134542	0.613685	-1.6295	0.0674278	0.537873	-1.85917	5.25029	7.61519	1.28927	1
cg21218864	0.0219498	0.531368	-1.88194	0.000281276	0.255153	-3.91922	0.0578515	0.6106	-1.63773	0.00772522	0.455121	-2.19722	10.6884	8.95799	0.744983	1
cg17001153	0.179996	1.38263	1.38263	0.00434528	2.38003	2.38003	0.180938	1.38155	1.38155	0.92559	1.02148	1.02148	7.7097	6.32157	0.728844	1
cg21204904	0.675359	0.953949	-1.04827	0.000146928	0.481461	-2.07701	0.524201	0.930305	-1.07492	0.0752037	1.24826	1.24826	6.43596	1.27704	0.176375	1
cg07380021	0.0595984	0.488187	-2.0484	0.0090624	0.326723	-3.0607	0.188506	0.62504	-1.5999	0.0126494	0.351529	-2.84471	4.69775	8.46392	1.60151	1
cg22871559	0.0262891	0.446584	-2.23922	0.00160182	0.25041	-3.99345	0.0798442	0.551805	-1.81224	0.0376957	0.478378	-2.0904	4.53439	6.71954	1.31725	1
cg12691994	0.215996	0.421434	-2.37285	0.1652	0.374419	-2.6708	0.0414933	0.210119	-4.75921	0.180173	0.388872	-2.57154	3.69337	25.7605	6.19981	1
cg26271110	0.124022	0.684559	-1.46079	5.10E-07	0.0411579	-24.2967	0.00520434	0.43216	-2.31396	0.449143	0.839051	-1.19182	26.3764	21.6257	0.728789	1
cg23520347	0.144947	1.18549	1.18549	0.264326	1.13481	1.13481	0.161404	0.849964	-1.17652	0.184234	0.858042	-1.16544	4.18342	0.782823	0.166333	1
cg12566645	1.87E-06	0.396551	-2.52174	9.12E-05	0.579182	-1.72657	0.801856	1.01983	1.01983	0.00827974	1.30174	1.30174	34.5799	3.34119	0.0858864	1
cg23746628	0.416538	1.14399	1.14399	0.0446084	0.688272	-1.45291	0.0204922	0.636151	-1.57195	0.816395	1.0384	1.0384	8.3977	3.49072	0.36949	1
cg04026044	0.881956	0.947535	-1.05537	0.231698	0.634474	-1.57611	0.273143	0.661237	-1.51232	0.253908	0.649133	-1.54052	3.45626	7.20063	1.85188	1
cg21106505	0.221715	0.658005	-1.51974	0.588976	1.19454	1.19454	6.46E-05	0.091414	-10.9392	0.380807	1.34036	1.34036	10.5566	17.7543	1.49495	1
cg21849661	0.870124	0.934632	-1.06994	0.00189731	0.162314	-6.1609	0.00463651	0.210984	-4.7397	0.160604	0.538377	-1.85743	5.96323	16.1196	2.40281	1
cg14896003	0.984966	1.00321	1.00321	0.28799	1.20661	1.20661	0.000622536	0.408107	-2.45034	0.647816	1.08145	1.08145	5.77005	2.64896	0.408078	1
cg15789106	0.0278872	0.262405	-3.8109	0.00900464	0.180898	-5.52797	0.00559574	0.153638	-6.50882	0.108931	0.406518	-2.45991	4.72665	19.8451	3.73204	1
cg01553063	0.383315	0.891398	-1.12183	6.54E-05	2.56632	2.56632	0.514954	1.08862	1.08862	0.00707106	0.639143	-1.5646	9.89352	2.59128	0.232815	1
cg19754190	0.659389	1.05919	1.05919	?	?	?	0.0986682	0.790768	-1.26459	0.168475	1.20954	1.20954	61.9957	14.6681	0.236599	1
cg04936446	0.0416751	0.537727	-1.85968	0.00059418	4.05869	4.05869	0.000622622	4.01793	4.01793	0.0666083	1.7219	1.7219	10.0114	11.0683	0.982735	1
cg00353340	0.00127394	0.496001	-2.01612	0.0933343	0.759272	-1.31705	0.509791	1.10491	1.10491	0.0628661	1.36649	1.36649	7.24886	2.55567	0.313388	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01521154	RASSF8;RASSF8	0.0170865	0.0562282	1.30833	1.30833	0.904385	1.01505	1.01505	0.00103008	1.8303	1.8303	0.939861	0.990665	-1.00942	0.128468	1.22659	1.22659
cg15282709	RASSF8;RASSF8	0.0222831	0.0270754	0.312845	-3.19647	0.0330973	0.33076	-3.02334	0.189062	0.539111	-1.85491	0.431075	0.699878	-1.42882	0.0309982	0.324814	-3.07869
cg21373145	RASSF8;RASSF8	0.0396902	0.0490773	0.369724	-2.70472	0.160551	0.514848	-1.94232	0.790465	0.888747	-1.12518	0.280389	0.608386	-1.64369	0.0684859	0.405246	-2.46764
cg09411682	RASSF8;RASSF8;RASSF8	0.00245461	0.00140844	0.591771	-1.68984	0.00320492	1.5786	1.5786	0.315353	0.888866	-1.12503	0.723712	1.0411	1.0411	0.799644	0.971553	-1.02928
cg07172007	RASSF8;RASSF8;RASSF8	0.0252488	0.463031	0.830679	-1.20384	0.00490774	0.396269	-2.52354	0.0282225	0.525479	-1.90303	0.65206	0.893398	-1.11932	0.892128	0.966865	-1.03427
cg24674577	RASSF8;RASSF8;RASSF8;RASSF8	0.00468812	0.756656	0.958031	-1.04381	0.568524	1.08274	1.08274	0.0913355	0.773772	-1.29237	0.498409	0.909555	-1.09944	0.00965893	0.636535	-1.57101
cg06740227	RASSF9	0.00178609	0.00259256	0.326671	-3.06119	0.00345032	0.344919	-2.89923	0.00192761	0.308353	-3.24303	0.00228258	0.318726	-3.13749	0.000288766	0.20489	-4.88067
cg19622623	RASSF9	0.00468784	0.0178341	0.511754	-1.95406	0.0721161	0.626929	-1.59508	0.00127492	0.335198	-2.98331	0.274241	0.767485	-1.30296	0.0020028	0.362586	-2.75796
cg18827107	RASSF9	0.011312	0.169183	1.4483	1.4483	0.167257	1.45105	1.45105	0.170561	0.691396	-1.44635	0.0122956	0.454546	-2.2	0.00275404	0.351836	-2.84223
cg25456477	RASSF9	0.0349587	0.0186467	0.43601	-2.29352	0.0169206	0.428253	-2.33507	0.0353673	0.490064	-2.04055	0.409072	0.782103	-1.2786	0.0129977	0.407719	-2.45267
cg21223227	RAVER1	0.0025908	0.899231	1.03693	1.03693	0.00265765	0.304323	-3.28598	0.325825	1.33694	1.33694	0.198979	1.47475	1.47475	0.0688455	1.7911	1.7911
cg27503117	RAVER1	0.0032429	0.827074	1.03887	1.03887	0.0433669	1.49922	1.49922	0.237353	0.805938	-1.24079	0.198081	1.26754	1.26754	0.0868408	0.719217	-1.3904
cg18072388	RAVER1	0.00893992	0.704787	0.923445	-1.0829	0.82693	0.955217	-1.04688	0.753117	0.93611	-1.06825	0.15957	0.730162	-1.36956	0.000281554	0.288744	-3.46327
cg04297163	RAVER1	0.0240801	0.102489	1.55184	1.55184	0.0816767	1.60727	1.60727	0.198497	1.39682	1.39682	0.312739	1.29279	1.29279	0.00743435	0.428335	-2.33462
cg25279553	RAVER1;ICAM3	0.0275025	0.0680984	2.60112	2.60112	0.0620461	2.67259	2.67259	0.0256631	3.45618	3.45618	0.00180666	7.97401	7.97401	0.0529798	2.79821	2.79821
cg19645616	RAVER1;ICAM3	0.037173	0.0245084	2.75664	2.75664	0.177706	1.71959	1.71959	0.0166274	3.02463	3.02463	0.0117662	3.28965	3.28965	0.0861822	2.04932	2.04932
cg23619577	RAVER2	0.00134321	0.278106	0.777668	-1.2859	0.00063985	0.310782	-3.21769	0.00229977	0.386776	-2.58548	0.398787	1.2124	1.2124	0.000242498	0.258403	-3.86992
cg01732952	RAVER2	0.001831	0.051823	0.686525	-1.45661	0.000739132	0.41848	-2.3896	0.0293295	1.54696	1.54696	0.00600261	1.84098	1.84098	0.280523	0.826415	-1.21005
cg26880963	RAVER2	0.00227686	0.306307	1.17928	1.17928	0.000499561	0.428352	-2.33453	0.00179711	0.500845	-1.99663	0.639364	1.07625	1.07625	0.921531	0.984777	-1.01546
cg25974903	RAVER2	0.00354659	0.798766	0.974907	-1.02574	0.000272877	1.80996	1.80996	0.0310441	1.28635	1.28635	0.469285	1.07598	1.07598	0.0496102	1.24959	1.24959
cg03160145	RAX	0.00034565	0.00918855	0.500772	-1.99692	0.000111769	0.241658	-4.13807	2.61E-05	0.175449	-5.69966	0.0957894	0.682129	-1.466	0.00146268	0.382598	-2.61371
cg19576304	RAX	0.00278644	0.937432	0.988393	-1.01174	0.811349	0.965065	-1.0362	0.445488	0.890777	-1.12262	0.189872	1.22936	1.22936	0.00770529	1.66388	1.66388
cg19621753	RAX	0.00573703	0.545878	0.746722	-1.33919	0.000953449	0.0951211	-10.5129	0.0191483	0.258049	-3.87524	0.0441915	0.331333	-3.01811	0.00314395	0.145305	-6.88208
cg06620569	RAX	0.0271403	0.0170323	0.267106	-3.74383	0.00371242	0.168835	-5.92294	0.00901887	0.221698	-4.51065	0.0993213	0.440517	-2.27006	0.0592183	0.380404	-2.62878
cg07099161	RAX	0.0309601	0.0553161	0.158235	-6.31972	0.361338	0.450959	-2.21749	0.885252	1.13038	1.13038	0.0278813	0.110203	-9.07415	0.0192052	0.090319	-11.0719
cg15172543	RAX	0.0311052	0.289334	0.444938	-2.2475	0.344207	0.488016	-2.04911	0.296404	0.450601	-2.21926	0.0309354	0.154815	-6.45933	0.0697774	0.224671	-4.45096
cg03671802	RAX	0.0318953	0.417298	0.774721	-1.29079	0.0249931	2.27339	2.27339	0.00695745	2.93054	2.93054	0.778008	0.916648	-1.09093	0.529872	1.21649	1.21649
cg08724563	RAX	0.0359	0.176413	0.801124	-1.24825	0.732871	0.948515	-1.05428	0.271926	0.838244	-1.19297	0.0928893	0.751828	-1.33009	0.508658	0.901723	-1.10899
cg23301612	RAX2	0.000797925	0.00671966	0.420755	-2.37668	0.00260826	0.358077	-2.79269	0.000846931	0.290657	-3.44048	0.945866	1.01687	1.01687	0.00261031	0.358127	-2.79231
cg08519447	RAX2	0.016226	0.0162004	0.496752	-2.01308	0.00311222	0.382114	-2.61702	0.0153259	0.492585	-2.03011	0.122139	0.671274	-1.4897	0.00710504	0.437224	-2.28716
cg05536105	RAX2	0.019886	0.426896	0.796363	-1.25571	0.0604798	0.552021	-1.81153	0.0158375	0.436239	-2.29232	0.0230773	2.14397	2.14397	0.464219	0.811318	-1.23256
cg22355506	RAX2	0.0427298	0.0927644	0.349417	-2.86191	0.0327449	0.241676	-4.13777	0.00452952	0.116465	-8.58624	0.107358	0.368221	-2.71576	0.0394013	0.258027	-3.87557
cg05945059	RAX;RAX	0.0220337	0.725425	1.03341	1.03341	0.0185741	0.766457	-1.3047	0.0740247	0.830656	-1.20387	0.489814	0.936717	-1.06756	0.381443	0.919749	-1.08725
cg13221796	RB1	8.61E-06	1.73E-06	0.118869	-8.4126	0.119483	1.35086	1.35086	0.000225371	0.33549	-2.98072	0.265997	1.22915	1.22915	1.13E-06	0.105244	-9.5017
cg17419299	RB1	7.46E-05	3.03E-05	0.104919	-9.53118	0.637901	1.14002	1.14002	0.00917524	0.400676	-2.49578	0.848537	0.948517	-1.05428	4.09E-06	0.0521927	-19.1598
cg08644711	RB1	8.82E-05	0.861637	1.01775	1.01775	0.208075	0.8747	-1.14325	0.0163216	0.743664	-1.34469	0.332769	0.904136	-1.10603	0.000664124	0.591174	-1.69155
cg11882053	RB1	0.000101402	0.195334	0.758385	-1.31859	0.0015783	0.4	-2.5	2.92E-05	5.23458	5.23458	0.00278199	2.29947	2.29947	0.000166057	3.65265	3.65265
cg27256523	RB1	0.00157111	0.00358374	0.698268	-1.43211	0.0838067	1.1903	1.1903	0.335836	1.09456	1.09456	0.0604307	1.21261	1.21261	0.290718	1.10498	1.10498
cg19473653	RB1	0.00233115	0.00110019	0.208381	-4.79891	0.03244	0.442144	-2.26171	0.00472664	0.29428	-3.39812	0.0697328	1.93684	1.93684	0.000650675	0.181963	-5.49563
cg19296958	RB1	0.00247288	0.328055	1.1661	1.1661	0.807847	1.03778	1.03778	0.877554	1.02374	1.02374	0.0633876	1.37404	1.37404	0.00145036	0.496415	-2.01444
cg07880715	RB1	0.0025993	0.0370995	2.27325	2.27325	0.23972	0.658568	-1.51845	0.00878032	3.10287	3.10287	0.193774	1.59441	1.59441	0.764931	0.903264	-1.1071
cg17055959	RB1	0.00276063	0.0766115	0.531203	-1.88252	0.955894	0.982392	-1.01792	0.632987	1.1671	1.1671	0.233526	0.669527	-1.49359	5.88E-05	0.0916969	-10.9055
cg14429436	RB1	0.00361715	0.0379122	0.518586	-1.92832	0.00210551	3.25383	3.25383	0.295407	1.3445	1.3445	0.404741	1.26184	1.26184	0.000517007	0.228148	-4.38313
cg07297964	RB1	0.00574656	0.0298632	2.14467	2.14467	0.00222794	3.59251	3.59251	0.014516	2.45713	2.45713	0.0875135	1.75618	1.75618	0.193582	0.663191	-1.50786
cg14641315	RB1	0.00625328	0.0125187	0.502671	-1.98937	0.0118143	2.00592	2.00592	0.467243	0.848917	-1.17797	0.126567	1.44187	1.44187	0.940251	0.983539	-1.01674
cg03460032	RB1	0.0079154	0.0733849	1.4664	1.4664	0.00314695	0.461202	-2.16825	0.276393	0.804855	-1.24246	0.740009	0.938139	-1.06594	0.0243826	1.6726	1.6726
cg02113449	RB1	0.00802807	0.131859	0.909222	-1.09984	0.493884	1.04149	1.04149	0.700596	1.02286	1.02286	0.035327	0.8664	-1.1542	0.111788	1.10664	1.10664
cg13431205	RB1	0.012844	0.0733607	2.26049	2.26049	0.0621914	2.35752	2.35752	0.126916	1.96279	1.96279	0.244839	1.64369	1.64369	0.192445	0.569201	-1.75685
cg16985320	RB1	0.0142977	0.0192201	0.752042	-1.32971	0.0200572	0.754084	-1.32611	0.671243	1.04389	1.04389	0.0783919	1.21738	1.21738	0.0350434	1.28028	1.28028
cg19254235	RB1	0.0154661	0.0110906	2.27821	2.27821	0.231961	1.3828	1.3828	0.0905482	1.61954	1.61954	0.00838356	2.38866	2.38866	0.32916	0.770764	-1.29741
cg05026473	RB1	0.0172768	0.00817494	0.248513	-4.02393	0.113234	0.492117	-2.03204	0.300517	0.643189	-1.55475	0.526622	1.30201	1.30201	0.0031175	0.189564	-5.27526
cg21814667	RB1	0.0176759	0.562436	0.89698	-1.11485	0.826135	1.04169	1.04169	0.000273448	3.02509	3.02509	0.459559	0.869535	-1.15004	0.745535	0.941338	-1.06232
cg18481241	RB1	0.0191817	0.135287	1.9231	1.9231	0.0723376	2.25822	2.25822	0.234306	1.65934	1.65934	0.423193	1.39414	1.39414	0.0301817	2.81622	2.81622
cg22766818	RB1	0.0275454	0.00284839	0.351607	-2.84409	0.67977	1.11142	1.11142	0.882825	1.03825	1.03825	0.256392	0.739697	-1.3519	0.192977	1.41999	1.41999
cg26740195	RB1	0.0361444	0.0973312	2.12723	2.12723	0.00310398	5.35755	5.35755	0.186892	1.78678	1.78678	0.312957	1.54188	1.54188	0.554376	0.780276	-1.2816
cg18554811	RB1	0.0373411	0.0043765	0.294882	-3.39118	0.236354	1.48902	1.48902	0.14618	1.64959	1.64959	0.0339808	0.451963	-2.21257	0.675601	0.873683	-1.14458
cg08770358	RB1	0.0386023	0.0131523	0.334781	-2.98703	0.991873	1.00363	1.00363	0.365438	1.39232	1.39232	0.764065	1.11309	1.11309	0.00341282	0.24264	-4.12134
cg26119796	RB1	0.0393412	0.14233	1.28237	1.28237	0.0246543	0.655788	-1.52488	0.333133	1.1705	1.1705	0.496454	0.896833	-1.11503	0.0336519	1.47883	1.47883
cg11408952	RB1	0.0466089	0.0243283	3.4748	3.4748	0.978698	1.01247	1.01247	0.110068	2.24395	2.24395	0.879635	0.932094	-1.07285	0.0435134	2.93661	2.93661
cg10552385	RB1;RB1	0.0235054	0.391558	0.664413	-1.50509	0.533944	1.33799	1.33799	0.709036	1.18807	1.18807	0.0121814	5.32645	5.32645	?	?	?
cg02709211	RB1CC1;RB1CC1	0.00233824	0.719898	1.03297	1.03297	0.080728	1.19063	1.19063	0.148024	1.15005	1.15005	0.0170824	0.769578	-1.29941	0.194482	1.13162	1.13162
cg00449899	RB1CC1;RB1CC1	0.00892146	0.206902	0.820597	-1.21862	0.323186	1.16367	1.16367	0.294978	1.17507	1.17507	0.504816	1.10575	1.10575	0.724565	0.948806	-1.05396
cg08517799	RB1CC1;RB1CC1	0.0186134	0.738739	0.877961	-1.139	0.0153293	0.314331	-3.18136	0.45442	0.743572	-1.34486	0.838439	1.08262	1.08262	0.00853361	0.271169	-3.68774
cg12259918	RB1CC1;RB1CC1	0.0332079	0.801029	0.959009	-1.04274	0.387403	0.863431	-1.15817	0.100662	0.742271	-1.34722	0.00194998	0.483782	-2.06705	0.34045	1.17684	1.17684
cg08217239	RB1CC1;RB1CC1;RB1CC1;RB1CC1	0.0340491	0.0082832	0.4612	-2.16826	0.00995203	0.474122	-2.10916	0.263629	0.765559	-1.30624	0.687186	1.09724	1.09724	0.213047	0.740346	-1.35072
cg01068452	RB1CC1;RB1CC1;RB1CC1;RB1CC1	0.036023	0.0881835	0.794711	-1.25832	0.395298	1.11218	1.11218	0.644443	1.05839	1.05839	0.995568	1.00068	1.00068	0.649392	0.945639	-1.05749
cg21991830	RB1CC1;RB1CC1;RB1CC1;RB1CC1	0.0364493	0.0524847	0.753938	-1.32637	0.0042744	1.63169	1.63169	0.0627679	1.30761	1.30761	0.290263	1.15096	1.15096	0.136344	0.814172	-1.22824
cg12400556	RBAK	2.35E-06	0.0589467	1.24786	1.24786	0.000451768	0.563228	-1.77548	0.205932	1.14857	1.14857	0.00153971	0.623111	-1.60485	2.49E-08	0.117331	-8.52291
cg03684644	RBAK	0.000285362	0.12204	1.23074	1.23074	0.00748322	1.53193	1.53193	0.0369183	1.35015	1.35015	0.016338	1.43859	1.43859	0.0246114	1.39318	1.39318
cg01530283	RBAK	0.00306721	0.00387344	3.03086	3.03086	0.136747	0.633256	-1.57914	0.0368728	1.9956	1.9956	0.0308637	2.05964	2.05964	0.105242	0.603814	-1.65614
cg17409405	RBAK	0.0316773	0.615562	0.75576	-1.32317	0.142801	2.38968	2.38968	0.0589451	3.25322	3.25322	0.680661	1.2572	1.2572	0.491146	0.679241	-1.47223
cg24463320	RBBP4;RBBP4;RBBP4	0.0115567	0.120252	0.577975	-1.73018	0.0324888	2.2574	2.2574	0.52611	1.23239	1.23239	0.686842	0.876489	-1.14092	0.0109893	0.3542	-2.82326
cg18118795	RBBP4;RBBP4;RBBP4	0.0153923	0.0563898	0.710046	-1.40836	0.0161493	0.627203	-1.59438	0.00318915	0.528219	-1.89315	0.556211	0.909972	-1.09893	0.00220466	0.506533	-1.9742
cg04791747	RBBP4;RBBP4;RBBP4;RBBP4;RBBP4;ZBTB8OS	0.0211543	0.266147	1.33828	1.33828	0.00250062	0.347759	-2.87556	0.0231963	0.50535	-1.97882	0.00435884	0.38372	-2.60606	0.587331	0.871269	-1.14775
cg22358606	RBBP4;RBBP4;RBBP4;RBBP4;ZBTB8OS	7.24E-05	0.791235	0.985608	-1.0146	0.65265	1.02507	1.02507	8.38E-05	1.4721	1.4721	0.00131768	0.774616	-1.29096	0.865047	1.00934	1.00934
cg26131911	RBBP4;RBBP4;RBBP4;ZBTB8OS	0.0246198	0.00144683	0.491608	-2.03414	0.623837	0.926585	-1.07923	0.202462	0.812547	-1.2307	0.110663	1.30753	1.30753	0.171223	0.798728	-1.25199
cg06526778	RBBP4;RBBP4;RBBP4;ZBTB8OS	0.0350468	0.0153882	0.581699	-1.7191	0.474048	1.14185	1.14185	0.937224	0.985752	-1.01445	0.300989	1.21562	1.21562	0.0390118	0.647083	-1.5454
cg25100011	RBBP4;SYNC;RBBP4;RBBP4;SYNC	0.00627009	0.0299512	1.59341	1.59341	0.0151584	0.580272	-1.72333	0.528824	0.890122	-1.12344	0.68006	1.07858	1.07858	0.0010561	0.413285	-2.41964
cg16396527	RBBP4;ZBTB8OS;RBBP4;RBBP4	0.0132884	0.0114754	0.257096	-3.8896	0.00413067	0.191713	-5.21613	0.309923	1.5703	1.5703	0.0222492	0.308249	-3.24413	0.426793	1.41693	1.41693
cg18131828	RBBP5	0.0214525	0.570076	0.911746	-1.0968	?	?	?	0.156208	1.27657	1.27657	0.117176	0.760366	-1.31516	0.00263418	0.51167	-1.95439
cg24103461	RBBP5;RBBP5	0.0386687	0.868122	1.03556	1.03556	0.00544749	0.463608	-2.157	0.325486	0.807788	-1.23795	0.968777	1.00826	1.00826	0.0707142	0.654032	-1.52898
cg03487200	RBBP6;RBBP6	0.0174628	0.641109	0.926521	-1.07931	0.0051973	0.549042	-1.82135	0.953336	0.990532	-1.00956	0.211786	0.807481	-1.23842	0.299213	0.839533	-1.19114
cg02403951	RBBP6;RBBP6	0.0318053	0.0336473	0.533212	-1.87543	0.351076	0.784089	-1.27537	0.195516	1.41475	1.41475	0.189313	1.42247	1.42247	0.00544122	0.395806	-2.52649
cg02473953	RBBP6;RBBP6;RBBP6	0.000777979	0.0663604	0.690722	-1.44776	0.00352439	2.03594	2.03594	0.0081195	1.83859	1.83859	0.997068	1.00066	1.00066	0.420043	0.862396	-1.15956
cg08082436	RBBP6;RBBP6;RBBP6	0.00483086	0.00543224	0.295015	-3.38966	0.484291	0.788848	-1.26767	0.523211	0.805811	-1.24099	0.0284929	0.42206	-2.36933	0.00108665	0.20009	-4.99775
cg09255851	RBBP6;RBBP6;RBBP6	0.018446	0.419956	0.676833	-1.47747	0.0313791	3.30681	3.30681	0.00835468	4.93556	4.93556	0.161512	2.03041	2.03041	0.178079	0.507699	-1.96967
cg05609864	RBBP6;RBBP6;RBBP6	0.0230917	0.181232	0.825069	-1.21202	0.139148	0.806021	-1.24066	0.00969787	1.55783	1.55783	0.106155	0.787373	-1.27005	0.0349029	1.39522	1.39522
cg27501380	RBBP6;RBBP6;RBBP6;RBBP6;RBBP6;RBBP6	0.0358328	0.332189	0.847179	-1.18039	0.0443219	1.46657	1.46657	0.201937	1.25028	1.25028	0.37785	0.860709	-1.16183	0.609618	0.91817	-1.08912
cg03048084	RBBP7	0.0378208	0.0283994	0.337859	-2.95981	0.154212	0.527419	-1.89603	0.862995	0.930116	-1.07513	0.142556	0.516269	-1.93697	0.487085	0.743665	-1.34469
cg06534187	RBBP7	0.0381364	0.00760492	0.184515	-5.4196	0.653413	0.807449	-1.23847	0.898318	1.0623	1.0623	0.0480543	2.97705	2.97705	0.565023	0.759251	-1.31709
cg05513509	RBBP8;RBBP8;RBBP8	0.00484652	0.00538339	0.578746	-1.72787	0.345139	0.864919	-1.15618	0.493473	1.10937	1.10937	0.279577	0.845548	-1.18267	0.657137	0.935501	-1.06895
cg23169605	RBBP9	0.00718923	0.0173659	2.17782	2.17782	0.00148848	0.292	-3.42466	0.596101	0.866131	-1.15456	0.0413148	1.88203	1.88203	0.0647126	1.74621	1.74621
cg04599643	RBBP9	0.0233066	0.0745702	0.384634	-2.59988	0.0463988	0.333742	-2.99633	0.0297066	0.292047	-3.42411	0.537429	1.35035	1.35035	0.0364675	0.310562	-3.21997
cg00273813	RBBP9	0.0344576	0.585488	1.09644	1.09644	0.0240024	1.56851	1.56851	0.0503885	1.45188	1.45188	0.124107	1.32101	1.32101	0.473973	1.12947	1.12947
cg08040448	RBCK1;RBCK1	0.000776334	0.000735489	0.156425	-6.39283	0.0809679	2.01348	2.01348	0.0767184	0.490635	-2.03818	0.0811585	2.01241	2.01241	0.000664696	0.151877	-6.58429
cg10495669	RBCK1;RBCK1	0.00502614	0.190149	1.20701	1.20701	0.132587	0.802469	-1.24615	0.377263	0.884393	-1.13072	0.383343	1.12887	1.12887	0.00535451	0.608125	-1.6444
cg15682511	RBCK1;RBCK1	0.00727443	0.95379	0.991895	-1.00817	0.606654	0.929666	-1.07565	0.193565	1.21311	1.21311	0.14355	1.24696	1.24696	0.00920267	0.628553	-1.59095
cg24543097	RBCK1;RBCK1	0.0215665	0.106217	0.753365	-1.32738	0.130835	1.29938	1.29938	0.33388	1.17351	1.17351	0.15379	1.27779	1.27779	0.741801	0.94831	-1.05451
cg13812132	RBCK1;RBCK1	0.025636	0.925684	0.977339	-1.02319	0.0314312	0.537918	-1.85902	0.0549249	0.585787	-1.70711	0.489615	0.841609	-1.1882	0.715884	0.914108	-1.09396
cg12113932	RBCK1;RBCK1	0.0297547	0.411866	0.916236	-1.09142	0.0325909	1.29793	1.29793	0.000823338	1.69111	1.69111	0.190298	1.15559	1.15559	0.995431	0.999403	-1.0006
cg01439366	RBCK1;RBCK1	0.0404244	0.011626	0.558562	-1.79031	0.47449	1.14373	1.14373	0.126606	1.35678	1.35678	0.4541	0.868665	-1.15119	0.0755091	0.693968	-1.44099
cg12510999	RBKS	8.51E-06	0.420896	1.1889	1.1889	0.000884469	0.350475	-2.85327	2.22E-05	0.166868	-5.99277	0.00244188	0.411714	-2.42887	0.000392532	0.304638	-3.28258
cg16203802	RBKS	0.00633165	0.0173108	0.521994	-1.91573	0.00251419	0.390225	-2.56262	0.0463576	0.599436	-1.66824	0.994391	0.998425	-1.00158	0.000345836	0.274962	-3.63687
cg04074650	RBL1;RBL1	7.71E-05	4.51E-06	0.156478	-6.39067	5.59E-05	0.267765	-3.73461	0.000858906	0.414598	-2.41198	0.0126018	0.579475	-1.7257	0.163783	0.769996	-1.29871
cg00045515	RBL1;RBL1	0.0009845	0.0126827	0.448055	-2.23187	0.237568	0.725684	-1.37801	0.00057018	0.250874	-3.98606	0.62621	0.880553	-1.13565	0.000173017	0.191539	-5.22088
cg00565646	RBL1;RBL1	0.00158143	0.512181	0.918068	-1.08924	0.560058	1.07872	1.07872	0.238513	1.17205	1.17205	0.273906	0.863807	-1.15767	0.276824	1.15656	1.15656
cg26843008	RBL1;RBL1	0.0148133	0.45514	1.06525	1.06525	0.0190869	1.26581	1.26581	0.00380805	1.38298	1.38298	0.367271	0.925932	-1.07999	0.0026721	1.41202	1.41202
cg21570468	RBL1;RBL1	0.0158783	0.00320513	0.646669	-1.54639	0.0912406	1.22329	1.22329	0.0640651	1.25293	1.25293	0.0288408	1.32216	1.32216	0.0759889	0.807383	-1.23857
cg08050464	RBL1;RBL1	0.0189745	0.510917	1.10353	1.10353	0.0059959	0.588246	-1.69997	0.0148353	0.642216	-1.55711	0.887744	1.02109	1.02109	0.135702	1.26816	1.26816
cg16239906	RBL1;RBL1	0.0378607	0.132963	0.851974	-1.17375	0.0038805	1.46866	1.46866	0.189249	1.14733	1.14733	0.915458	1.01055	1.01055	0.626436	1.04967	1.04967
cg11336672	RBL1;RBL1	0.0415518	?	?	?	0.0590418	2.03276	2.03276	0.187068	1.59255	1.59255	0.696986	0.877907	-1.13907	0.016473	0.377138	-2.65155
cg12569089	RBL1;RBL1	0.0420201	0.240776	0.900558	-1.11042	0.812007	0.979884	-1.02053	0.00690107	1.34751	1.34751	0.331492	0.918095	-1.08921	0.00849316	1.33177	1.33177
cg09147843	RBL2	0.000252941	0.18553	0.747611	-1.33759	0.696998	1.08445	1.08445	9.14E-06	0.136908	-7.30416	0.667786	0.914425	-1.09358	7.54E-05	0.225774	-4.4292
cg02851944	RBL2	0.00157153	0.00879533	0.386078	-2.59015	0.00483089	0.344265	-2.90474	0.00851864	0.383767	-2.60575	0.0436933	0.516099	-1.93761	0.000753519	0.232791	-4.2957
cg02021817	RBL2	0.00205511	0.000609504	0.302338	-3.30756	0.44026	0.836717	-1.19515	0.0126414	0.495509	-2.01812	0.0188312	0.524927	-1.90503	0.954404	1.01304	1.01304
cg00000029	RBL2	0.0195589	0.0429175	0.338663	-2.95279	0.272093	0.587863	-1.70108	0.00635421	0.191888	-5.21136	0.770228	0.872751	-1.1458	0.00354132	0.159285	-6.27804
cg18154457	RBM10;RBM10	0.0013403	0.638483	0.908428	-1.1008	0.334073	0.816937	-1.22408	0.0361472	0.609868	-1.6397	9.60E-05	0.244435	-4.09107	0.00057988	0.339557	-2.94501
cg12858650	RBM10;RBM10	0.00287531	0.308543	1.45076	1.45076	0.0215079	0.377213	-2.65103	0.00787078	0.30006	-3.33267	0.00191964	0.212086	-4.71508	0.000169246	0.104483	-9.57098
cg06122016	RBM10;RBM10	0.00831852	0.651102	1.19182	1.19182	0.0965015	0.49491	-2.02057	0.231775	0.616664	-1.62163	0.0029836	0.207984	-4.80806	0.00232358	0.194102	-5.15193
cg22226984	RBM10;RBM10	0.0159373	0.888227	1.03168	1.03168	0.0186939	0.531451	-1.88164	0.0889335	0.659596	-1.51608	0.302785	0.789183	-1.26713	0.0012806	0.352936	-2.83337
cg01821772	RBM10;RBM10	0.0361077	0.269941	0.582499	-1.71674	0.417727	0.677335	-1.47637	0.0307238	0.303022	-3.30009	0.315139	0.613457	-1.63011	0.00224518	0.133648	-7.48236
cg15029878	RBM10;RBM10	0.04561	0.459247	1.29436	1.29436	0.432451	0.760106	-1.31561	0.0674991	0.495891	-2.01657	0.0831991	0.518564	-1.9284	0.00546033	0.286124	-3.49499
cg16612379	RBM11	1.95E-05	0.313715	0.87158	-1.14734	0.369428	0.885506	-1.1293	0.0263264	1.41556	1.41556	0.0687764	1.30825	1.30825	0.541465	0.921697	-1.08495
cg16492707	RBM11	0.000195384	0.598635	1.11465	1.11465	0.00610074	2.14428	2.14428	0.00672433	2.11285	2.11285	0.00175128	0.380971	-2.62487	0.649844	0.910866	-1.09786
cg01002636	RBM11	0.000394948	0.262012	0.711677	-1.40513	0.00115866	0.24962	-4.00608	0.00674294	0.360055	-2.77735	0.00905851	0.381134	-2.62375	2.45E-05	0.0870303	-11.4902
cg13817547	RBM11	0.00157362	0.0911015	0.755128	-1.32428	0.720035	1.05582	1.05582	0.6032	1.08236	1.08236	0.709984	0.945184	-1.058	0.0323276	0.685071	-1.4597
cg25513535	RBM11	0.00296385	0.0579529	2.06938	2.06938	0.483415	0.785322	-1.27336	0.464636	1.28726	1.28726	0.0235719	2.50277	2.50277	0.0510101	0.470415	-2.12578
cg02364942	RBM11	0.0123409	0.000592339	0.103304	-9.68017	0.0377964	0.3567	-2.80347	0.955046	1.02442	1.02442	0.526744	1.31583	1.31583	0.394907	1.45192	1.45192
cg26272425	RBM11	0.0158065	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06181614	RBM12;CPNE1;RBM12;CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;CPNE1	0.00800392	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02145191	RBM12B	0.00394775	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07588714	RBM12B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05806124	RBM12B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05000039	RBM12B	0.0366622	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20976575	RBM12B;RBM12B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13074965	RBM14	1.18E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10919098	RBM14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06328456	RBM14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18548263	RBM14	0.00482025	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01521154	0.904827	0.985242	-1.01498	0.17141	0.834441	-1.19841	0.0466189	0.753356	-1.32739	0.543054	0.926333	-1.07953	4.96106	1.21393	0.217504	1
cg15282709	0.368096	0.663303	-1.50761	0.00118895	0.121201	-8.25074	0.0144956	0.262491	-3.80965	0.172513	0.524807	-1.90546	4.53399	14.1594	2.77595	1
cg21373145	0.126497	0.480898	-2.07945	0.00241946	0.154019	-6.49269	0.0112242	0.244866	-4.08386	0.201896	0.55057	-1.8163	3.69369	11.4746	2.76137	1
cg09411682	0.0317968	1.33051	1.33051	0.000858302	1.76487	1.76487	0.276508	1.13705	1.13705	0.720051	0.959985	-1.04168	9.08086	1.85193	0.181278	1
cg07172007	0.934801	1.02053	1.02053	0.00792874	2.32926	2.32926	0.730532	1.08966	1.08966	0.272688	0.753125	-1.3278	4.34224	4.24144	0.868255	1
cg24674577	0.00956853	0.635995	-1.57234	0.0114921	1.54668	1.54668	0.00159943	1.86738	1.86738	0.372117	0.881266	-1.13473	7.48403	2.25516	0.267848	1
cg06740227	0.006053	0.382546	-2.61406	0.325013	0.761542	-1.31312	0.503833	0.833747	-1.1994	0.0130786	0.438212	-2.282	9.96418	11.3374	1.01139	1
cg19622623	0.887855	0.967711	-1.03337	0.00798857	0.453468	-2.20523	0.0404766	1.73399	1.73399	0.875771	0.964263	-1.03706	7.48417	6.4136	0.761738	1
cg18827107	0.670547	1.11428	1.11428	0.00502639	0.391244	-2.55595	0.613007	1.13766	1.13766	0.832503	0.947853	-1.05502	5.68104	5.75351	0.900229	1
cg25456477	0.112766	0.605018	-1.65284	0.0343526	0.487485	-2.05134	0.293296	1.37346	1.37346	0.322164	0.742524	-1.34676	3.86878	5.19174	1.19285	1
cg21223227	0.0293382	0.479663	-2.0848	0.000233071	0.174216	-5.74001	0.451317	1.24566	1.24566	0.246807	1.4143	1.4143	8.93762	11.597	1.15338	1
cg27503117	0.00365547	0.504042	-1.98396	0.000316066	0.36167	-2.76495	0.112895	1.35086	1.35086	0.0961047	0.727247	-1.37505	8.3622	4.02289	0.427627	1
cg18072388	0.00225174	0.408739	-2.44655	0.497067	0.865654	-1.1552	0.868827	0.966007	-1.03519	0.123262	0.705149	-1.41814	6.12538	4.24735	0.616358	1
cg04297163	0.184422	1.41374	1.41374	0.0285903	0.529823	-1.88742	0.115224	1.52376	1.52376	0.269607	1.32675	1.32675	4.4143	4.22857	0.851489	1
cg25279553	0.585251	1.29415	1.29415	0.679174	1.21483	1.21483	0.267556	1.71672	1.71672	0.0134427	4.18717	4.18717	4.21429	14.6128	3.08217	1
cg19645616	0.787035	0.902594	-1.10792	0.251998	1.57284	1.57284	0.496692	1.29846	1.29846	0.00750231	3.67821	3.67821	3.78342	8.5824	2.01638	1
cg23619577	0.752612	0.931928	-1.07304	0.00184976	0.373284	-2.67893	0.983295	1.00468	1.00468	0.0147333	0.512095	-1.95276	10.8173	8.51628	0.699809	1
cg01732952	0.300804	1.19989	1.19989	0.00429162	1.914	1.914	0.170618	0.780349	-1.28148	0.0406149	0.669091	-1.49456	9.89266	4.52632	0.406706	1
cg26880963	0.16639	1.25828	1.25828	0.0730758	0.732537	-1.36512	0.00304839	0.531577	-1.88119	0.0064759	0.576315	-1.73516	9.28347	3.56412	0.341263	1
cg25974903	0.137292	1.17258	1.17258	0.0132633	0.736902	-1.35703	0.192483	0.871781	-1.14708	0.0239304	1.30737	1.30737	8.14151	1.27591	0.139303	1
cg03160145	0.022612	0.565058	-1.76973	0.000739812	0.342489	-2.9198	0.00518662	0.462322	-2.163	0.0294345	0.584927	-1.70961	15.8235	10.9571	0.615517	1
cg19576304	0.000402983	2.30871	2.30871	0.0391555	0.701196	-1.42613	0.00112375	2.0405	2.0405	0.416527	1.13143	1.13143	8.74753	3.06397	0.311349	1
cg19621753	0.0245874	0.278227	-3.59419	0.00237551	0.132043	-7.57328	0.0246686	0.278502	-3.59064	0.020837	0.26472	-3.77758	7.0357	25.4424	3.21439	1
cg06620569	0.0334431	0.323795	-3.08837	0.0374355	0.334275	-2.99155	0.207186	0.546841	-1.82868	0.169925	0.515125	-1.94128	4.23395	13.8077	2.89882	1
cg07099161	0.0152883	0.0798581	-12.5222	0.00740524	0.0534972	-18.6926	0.601991	0.639804	-1.56298	0.0224473	0.0981899	-10.1843	4.04128	46.1036	10.1406	1
cg15172543	0.0151476	0.111124	-8.99892	0.00282729	0.0484228	-20.6514	0.398817	0.52939	-1.88897	0.01149	0.0974844	-10.2581	4.03455	34.6423	7.63236	1
cg03671802	0.392084	0.763381	-1.30996	0.0854356	0.556837	-1.79586	0.0232429	2.30553	2.30553	0.94394	1.02189	1.02189	3.99856	6.00495	1.33491	1
cg08724563	0.105778	1.31338	1.31338	0.0646408	1.37743	1.37743	0.0270128	1.49777	1.49777	0.0175054	1.5623	1.5623	3.8317	1.44459	0.33512	1
cg23301612	0.00669017	0.42045	-2.37841	0.00573446	0.409848	-2.43993	8.82E-05	0.177223	-5.64262	0.00307734	0.368623	-2.7128	12.5413	12.0491	0.854009	1
cg08519447	0.0859955	0.636772	-1.57042	0.0419628	0.572583	-1.74647	0.0101654	0.462492	-2.1622	0.133164	0.680171	-1.47022	5.04737	4.52407	0.796731	1
cg05536105	0.968725	0.989056	-1.01107	0.0304937	0.489844	-2.04147	0.0221101	0.462911	-2.16024	0.104322	1.64606	1.64606	4.71371	5.88157	1.10912	1
cg22355506	0.143401	0.409074	-2.44454	0.0564897	0.293025	-3.41268	0.0172312	0.192126	-5.20493	0.185495	0.450166	-2.2214	3.59426	18.3963	4.54954	1
cg05945059	0.136142	0.86101	-1.16143	0.0584176	0.819323	-1.22052	0.0033394	1.45095	1.45095	0.690122	0.963343	-1.03805	4.55155	0.626011	0.122256	1
cg13221796	0.000376134	0.363492	-2.75109	0.00090428	0.413198	-2.42015	0.0756799	0.703306	-1.42186	0.000293184	0.349774	-2.85899	42.1724	21.1649	0.446104	1
cg17419299	0.0980615	0.60553	-1.65145	0.00108382	0.263564	-3.79415	0.0599797	0.55621	-1.79788	0.000364136	0.206129	-4.85132	23.9404	28.9751	1.07582	1
cg08644711	0.2401	0.883325	-1.13209	2.48E-06	0.316392	-3.16063	0.589328	0.946515	-1.05651	0.0011166	1.6229	1.6229	22.8938	3.68874	0.143221	1
cg11882053	0.0984388	1.44188	1.44188	0.00584229	2.07247	2.07247	0.00097892	2.69128	2.69128	0.0638687	0.65665	-1.52288	22.0583	14.2448	0.574026	1
cg27256523	0.270497	0.900812	-1.11011	9.48E-05	0.530967	-1.88336	0.183802	1.13699	1.13699	0.21382	1.12656	1.12656	10.3406	1.35757	0.116698	1
cg19473653	0.00417793	0.286244	-3.49353	0.0823124	0.534033	-1.87254	0.0319533	0.440788	-2.26867	0.0817822	0.533329	-1.87501	9.21955	15.511	1.49547	1
cg19296958	0.0138354	1.58886	1.58886	0.000284924	2.4646	2.4646	0.233348	1.20948	1.20948	0.118822	1.29394	1.29394	9.06107	3.32468	0.326151	1
cg07880715	0.847393	0.936723	-1.06755	0.000159442	8.93092	8.93092	0.00559663	3.43596	3.43596	0.00620417	3.35582	3.35582	8.929	16.2786	1.62055	1
cg17055959	0.0646145	0.513393	-1.94783	0.0337666	2.21722	2.21722	0.581565	1.19576	1.19576	0.717128	0.889706	-1.12397	8.77164	14.3322	1.45238	1
cg14429436	0.441405	0.807219	-1.23882	0.545347	0.846222	-1.18172	0.119079	1.58644	1.58644	0.146	0.653252	-1.5308	8.0936	9.54027	1.04777	1
cg07297964	0.860132	1.05407	1.05407	0.00180079	3.76384	3.76384	0.00383516	3.20134	3.20134	0.162844	1.56011	1.56011	7.0321	9.92682	1.25479	1
cg14641315	0.371594	0.81617	-1.22523	0.0061318	2.20753	2.20753	0.00369456	2.38391	2.38391	0.0395608	1.69401	1.69401	6.85104	5.31979	0.690216	1
cg03460032	0.306035	1.22533	1.22533	0.145679	1.34925	1.34925	0.0208527	0.586694	-1.70447	0.0141475	0.559588	-1.78703	6.3654	3.70668	0.517614	1
cg02113449	0.0178209	0.844897	-1.18358	0.381068	1.05398	1.05398	0.00164161	0.768131	-1.30186	0.0200645	1.17839	1.17839	6.33716	0.343627	0.0481992	1
cg13431205	0.259919	1.61613	1.61613	0.000830148	7.81248	7.81248	0.00612127	4.31169	4.31169	0.0613716	2.36548	2.36548	5.45158	14.4066	2.34902	1
cg16985320	0.0630052	1.23418	1.23418	0.592544	0.947105	-1.05585	0.746668	0.967918	-1.03315	0.0112917	1.37607	1.37607	5.26333	0.843702	0.142487	1
cg19254235	0.330891	1.29613	1.29613	0.00300736	2.8628	2.8628	0.0320238	1.91452	1.91452	0.020952	2.05078	2.05078	5.12847	5.4292	0.941014	1
cg05026473	0.0953607	0.470608	-2.12491	0.0219765	0.322912	-3.09682	0.759012	0.881105	-1.13494	0.00694272	0.237664	-4.20762	4.94269	13.2465	2.38223	1
cg21814667	0.905997	0.978307	-1.02217	0.431488	1.16073	1.16073	0.163671	1.31778	1.31778	0.289416	1.22648	1.22648	4.90498	2.6774	0.485203	1
cg18481241	0.345048	0.673655	-1.48444	0.00138181	6.57874	6.57874	0.0146638	3.38888	3.38888	0.0316532	2.78245	2.78245	4.77167	12.469	2.32278	1
cg22766818	0.3351	0.776473	-1.28787	0.693926	1.10591	1.10591	0.0420143	1.81549	1.81549	0.0485577	1.77443	1.77443	4.21198	4.32116	0.911932	1
cg26740195	0.939237	1.03213	1.03213	0.0417618	2.64759	2.64759	0.00996253	3.8584	3.8584	0.168132	1.83927	1.83927	3.82227	10.4195	2.4231	1
cg18554811	0.885809	1.04719	1.04719	?	?	?	0.618878	0.851374	-1.17457	0.246447	1.47535	1.47535	3.83759	5.56195	1.44933	1
cg08770358	0.893442	1.04886	1.04886	0.241725	1.5467	1.5467	0.389642	1.36856	1.36856	0.326808	0.697468	-1.43376	3.73159	7.48651	1.78334	1
cg26119796	0.0093617	1.68142	1.68142	0.172635	1.25719	1.25719	0.287759	1.19011	1.19011	0.882945	1.0235	1.0235	3.70571	1.45939	0.350065	1
cg11408952	0.093603	2.3531	2.3531	0.00488417	5.64774	5.64774	0.0340655	3.15153	3.15153	0.292557	1.65988	1.65988	3.47934	11.8672	3.03179	1
cg10552385	0.00743797	6.63408	6.63408	0.0827174	0.389074	-2.5702	0.119977	0.441849	-2.26321	0.0799652	0.384549	-2.60045	6.95666	18.8849	1.69666	1
cg02709211	0.109942	0.854732	-1.16996	0.000333045	0.593571	-1.68472	0.00616307	1.37971	1.37971	0.0687215	1.20146	1.20146	9.21134	1.18399	0.114255	1
cg00449899	0.387754	1.14053	1.14053	0.000254078	0.408451	-2.44828	0.0932671	1.31554	1.31554	0.229955	1.20574	1.20574	6.12939	2.14195	0.310627	1
cg08517799	0.0593586	2.28791	2.28791	0.0203171	0.336977	-2.96756	0.0493749	2.39196	2.39196	0.375263	0.701983	-1.42454	4.82041	11.5429	2.12852	1
cg12259918	0.0513698	0.692345	-1.44437	0.817591	0.962431	-1.03904	0.0209583	0.631025	-1.58472	0.758362	1.05247	1.05247	3.94115	1.71476	0.386748	1
cg08217239	0.0546715	0.606725	-1.64819	0.318332	1.26674	1.26674	0.287947	1.28778	1.28778	0.368135	1.23605	1.23605	3.90581	3.25115	0.7399	1
cg01068452	0.791085	1.03296	1.03296	0.001192	0.559817	-1.7863	0.0565535	0.768268	-1.30163	0.761954	1.0378	1.0378	3.82695	0.903983	0.209969	1
cg21991830	0.369543	1.1253	1.1253	0.444601	0.904994	-1.10498	0.791183	0.966579	-1.03458	0.419315	1.11149	1.11149	3.81062	0.990286	0.231	1
cg12400556	0.238253	0.879634	-1.13684	0.0675515	0.808457	-1.23692	0.0116702	0.720931	-1.3871	0.0623873	1.2433	1.2433	58.9062	10.0558	0.151741	1
cg03684644	0.268686	0.867005	-1.1534	3.34E-06	3.89226	3.89226	0.0187023	1.42337	1.42337	0.136805	1.21963	1.21963	16.6768	4.05319	0.216039	1
cg01530283	0.0355511	2.00856	2.00856	0.752931	0.913929	-1.09418	0.00045999	4.81463	4.81463	0.0123502	2.42989	2.42989	8.502	10.9382	1.14359	1
cg17409405	0.00140096	0.0773553	-12.9274	0.815377	1.13811	1.13811	0.635674	0.768008	-1.30207	0.352647	1.69722	1.69722	4.00838	19.4201	4.30655	1
cg24463320	0.0787161	0.529853	-1.88732	0.00577162	0.308325	-3.24333	0.0282591	2.32224	2.32224	0.207039	0.648665	-1.54163	5.64188	9.45465	1.4896	1
cg18118795	0.0326061	0.672745	-1.48645	0.138076	0.776394	-1.28801	0.570697	0.913176	-1.09508	0.0269493	0.660175	-1.51475	5.1366	2.04383	0.353684	1
cg04791747	0.209297	0.716913	-1.39487	0.600169	0.875459	-1.14226	0.12791	0.661054	-1.51274	0.265841	0.747077	-1.33855	4.61547	4.62306	0.890351	1
cg22358606	0.00454293	0.813376	-1.22944	7.61E-06	0.584241	-1.71162	0.0387966	0.877448	-1.13967	0.15533	1.08664	1.08664	24.136	1.14133	0.0420332	1
cg26131911	0.618587	0.925497	-1.0805	0.742161	0.950347	-1.05225	0.918975	1.01582	1.01582	0.0391025	1.44533	1.44533	4.3805	1.65095	0.335009	1
cg06526778	0.476875	1.14085	1.14085	0.0288661	1.59915	1.59915	0.0307701	0.629895	-1.58757	0.92941	1.01627	1.01627	3.86526	2.03192	0.467279	1
cg25100011	0.334054	0.833809	-1.19932	0.0434956	1.52732	1.52732	0.486946	1.13752	1.13752	0.0196991	0.598173	-1.67176	6.84535	3.60786	0.468491	1
cg16396527	0.977975	0.988214	-1.01193	0.0531984	2.56868	2.56868	0.209059	1.76595	1.76595	0.32835	1.54234	1.54234	5.39134	15.7502	2.59679	1
cg18131828	0.273759	1.20121	1.20121	0.827393	1.03578	1.03578	0.470074	0.888434	-1.12558	0.0109697	0.598216	-1.67164	4.67585	1.7057	0.36479	1
cg24103461	0.218985	0.762004	-1.31233	0.00351292	0.435047	-2.2986	0.805621	1.0532	1.0532	0.858277	0.963118	-1.03829	3.72924	2.61077	0.622294	1
cg03487200	0.174519	0.790734	-1.26465	0.242436	1.22003	1.22003	0.00113925	0.459366	-2.17692	0.407123	1.14781	1.14781	4.92498	2.06137	0.372048	1
cg02403951	0.390655	0.800179	-1.24972	0.0127039	0.456181	-2.19211	0.902217	0.969329	-1.03164	0.567002	0.863595	-1.15795	4.00261	4.07168	0.904229	1
cg02473953	0.42257	1.15859	1.15859	0.000563103	0.382627	-2.61351	0.000255649	0.338852	-2.95114	0.241895	0.802432	-1.24621	12.6309	6.45962	0.454591	1
cg08082436	0.0106623	0.342565	-2.91915	0.000839252	0.187031	-5.34672	0.0181379	0.383867	-2.60507	0.0384208	0.449133	-2.22651	7.41602	13.079	1.56765	1
cg09255851	0.70383	0.834496	-1.19833	0.017361	0.253514	-3.94456	0.0646717	2.67252	2.67252	0.222626	0.544927	-1.83511	4.83512	17.1837	3.15906	1
cg05609864	0.115578	0.793151	-1.26079	0.205447	1.19838	1.19838	0.128163	0.800271	-1.24958	0.159369	1.22596	1.22596	4.47871	1.30182	0.258371	1
cg27501380	0.0051955	0.542559	-1.84312	0.0438247	0.681072	-1.46827	0.819133	0.962743	-1.0387	0.218309	1.23944	1.23944	3.83431	1.66887	0.386885	1
cg03048084	0.00238646	0.169342	-5.9052	0.452462	1.37858	1.37858	0.0237373	0.322304	-3.10266	0.86666	0.931941	-1.07303	3.75963	10.4759	2.47682	1
cg06534187	0.476567	0.709619	-1.40921	0.0392487	0.315394	-3.17063	0.0293207	0.287803	-3.4746	0.0659585	0.370496	-2.69908	4.09909	14.2017	2.69468	1
cg05513509	0.852338	1.0282	1.0282	0.000130939	0.371222	-2.6938	0.158999	1.25191	1.25191	0.355556	0.867763	-1.15239	7.40871	2.61369	0.313588	1
cg23169605	0.214595	1.42053	1.42053	0.0118917	2.32457	2.32457	0.117844	1.5782	1.5782	0.814315	1.06525	1.06525	6.56028	7.5004	1.01627	1
cg04599643	0.308618	0.602388	-1.66006	0.0021983	0.12681	-7.88584	0.955924	1.02694	1.02694	0.252487	1.77703	1.77703	4.46442	16.3586	3.25709	1
cg00273813	0.857719	1.03046	1.03046	0.0041581	0.526134	-1.90066	0.736232	1.05815	1.05815	0.58685	1.09607	1.09607	3.88903	1.72153	0.393478	1
cg08040448	0.00233581	0.215041	-4.65027	0.000402318	0.130622	-7.65565	0.846658	0.932369	-1.07254	0.0355325	0.412645	-2.42339	12.6384	26.1856	1.8417	1
cg10495669	0.0100248	1.55391	1.55391	0.000711699	0.497034	-2.01193	0.557061	1.08386	1.08386	0.433867	0.897372	-1.11436	7.32692	2.13369	0.258856	1
cg15682511	0.901867	1.01747	1.01747	0.000414733	0.45537	-2.19601	0.0760663	1.31944	1.31944	0.945522	0.99045	-1.00964	6.53617	2.0414	0.27762	1
cg24543097	0.0239448	1.54103	1.54103	0.00268656	0.51378	-1.94636	0.500496	0.896036	-1.11603	0.38845	1.15245	1.15245	4.58511	1.87129	0.362776	1
cg13812132	0.852765	0.95538	-1.0467	0.00148507	3.0836	3.0836	0.622995	0.885378	-1.12946	0.886918	1.03558	1.03558	4.31928	4.12933	0.849799	1
cg12113932	0.390945	1.09598	1.09598	0.813531	0.975665	-1.02494	0.317693	1.1137	1.1137	0.814444	0.975786	-1.02482	4.09876	0.705655	0.153034	1
cg01439366	0.0116864	0.558908	-1.7892	0.221778	1.26759	1.26759	0.520819	0.886769	-1.12769	0.348052	0.836618	-1.19529	3.66884	1.98096	0.479948	1
cg12510999	0.609156	1.11462	1.11462	3.06E-07	0.0427908	-23.3695	0.149672	1.38409	1.38409	0.000106806	0.23726	-4.21479	42.3063	29.6701	0.623393	1
cg16203802	0.383747	0.81849	-1.22176	0.0155386	0.514001	-1.94552	0.38577	0.819222	-1.22067	0.0917637	0.65946	-1.51639	6.82467	5.43598	0.708018	1
cg04074650	0.000213306	0.336917	-2.96809	0.00644027	0.536204	-1.86496	0.278983	1.21894	1.21894	0.00790952	0.549278	-1.82057	23.7339	11.6293	0.435543	1
cg00045515	0.00317342	0.351894	-2.84176	0.000653573	0.258228	-3.87254	0.0161381	0.466353	-2.1443	0.00261339	0.339517	-2.94536	11.8188	12.5709	0.945459	1
cg00565646	0.583262	1.07385	1.07385	2.04E-05	0.330528	-3.02546	0.0798309	0.778831	-1.28398	0.460322	0.907862	-1.10149	10.3211	2.70305	0.232795	1
cg26843008	0.388164	1.07626	1.07626	0.250953	0.905138	-1.1048	0.90554	1.00991	1.00991	0.0680094	1.18509	1.18509	5.20219	0.568806	0.0971909	1
cg21570468	0.188297	0.859806	-1.16305	0.745322	1.03595	1.03595	0.33837	1.11286	1.11286	0.276794	1.13039	1.13039	5.08389	0.945291	0.165279	1
cg08050464	0.751185	0.954089	-1.04812	0.00932868	1.62776	1.62776	0.392316	0.878554	-1.13823	0.983575	1.00305	1.00305	4.78924	1.6557	0.3073	1
cg16239906	0.445339	0.925996	-1.07992	0.674023	0.959053	-1.04269	0.0889124	1.20373	1.20373	0.0214067	1.31416	1.31416	3.75818	0.581295	0.137488	1
cg11336672	?	?	?	?	?	?	0.54361	1.227	1.227	0.0603415	2.02362	2.02362	3.84968	4.50092	1.55889	1
cg12569089	0.582945	1.04843	1.04843	0.24804	0.902132	-1.10849	0.989352	0.998863	-1.00114	0.621045	0.958388	-1.04342	3.61668	0.416666	0.102406	1
cg09147843	0.211217	0.761158	-1.31379	0.793346	0.947057	-1.0559	0.654486	1.09783	1.09783	0.250687	1.28234	1.28234	17.2349	11.718	0.604355	1
cg02851944	0.0108205	0.401296	-2.49193	0.000109013	0.143062	-6.98996	0.00879555	0.38608	-2.59014	0.221922	0.693361	-1.44225	10.3398	13.3258	1.14558	1
cg02021817	0.167014	0.716286	-1.39609	8.00E-05	0.199223	-5.01951	0.189001	0.72965	-1.37052	0.154085	0.707802	-1.41282	9.5658	7.77237	0.722237	1
cg00000029	0.115831	0.451893	-2.21291	0.00498482	0.177779	-5.62495	0.153009	0.491066	-2.03639	0.860894	1.08493	1.08493	4.7403	16.2135	3.04032	1
cg18154457	0.724305	1.07452	1.07452	0.0419147	1.60936	1.60936	0.209045	1.30831	1.30831	0.50904	0.872887	-1.14562	10.824	7.06088	0.579854	1
cg12858650	0.457032	0.76536	-1.30658	0.193915	0.615535	-1.6246	0.479724	1.28873	1.28873	0.253338	0.656268	-1.52377	8.66659	17.1088	1.75477	1
cg06122016	0.00869196	0.275547	-3.62915	0.00494215	0.238142	-4.19917	0.562929	1.25288	1.25288	0.12474	0.526966	-1.89765	6.26658	14.746	2.09166	1
cg22226984	0.279937	1.2829	1.2829	0.400363	1.21038	1.21038	0.627271	0.897151	-1.11464	0.0131673	0.505723	-1.97737	5.07762	3.95611	0.692558	1
cg01821772	0.324848	0.619836	-1.61333	0.0057583	0.182245	-5.48713	0.422417	0.680104	-1.47036	0.193531	0.523488	-1.91026	3.82368	13.4028	3.11574	1
cg15029878	0.358058	0.723537	-1.3821	0.0501761	0.465558	-2.14796	0.176337	1.63587	1.63587	0.097369	0.536406	-1.86426	3.50778	6.51285	1.65039	1
cg16612379	0.752152	0.959068	-1.04268	0.000208097	0.440927	-2.26795	3.81E-07	6.82728	6.82728	0.106759	1.2615	1.2615	34.0821	9.393	0.244977	1
cg16492707	0.000305986	0.27296	-3.66354	0.00585701	0.463462	-2.15768	0.234482	0.774022	-1.29195	2.47E-05	0.145566	-6.86976	23.6929	15.2963	0.502137	1
cg01002636	0.036206	0.492477	-2.03055	0.752024	1.09657	1.09657	0.000146688	0.14964	-6.6827	0.683165	0.887507	-1.12675	15.2536	20.4312	1.19061	1
cg13817547	0.395324	0.876883	-1.1404	0.049329	1.40296	1.40296	4.80E-05	3.17386	3.17386	0.0224595	1.51081	1.51081	10.3359	3.72853	0.320655	1
cg25513535	0.492437	0.78935	-1.26687	0.00333929	0.257881	-3.87775	0.000560638	6.14219	6.14219	0.137842	0.581492	-1.71971	8.589	15.6603	1.62071	1
cg02364942	0.01981	0.300001	-3.33332	0.197426	0.558179	-1.79154	0.0529685	0.390178	-2.56294	0.597296	1.25628	1.25628	5.52301	16.0192	2.57817	1
cg26272425	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06181614	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02145191	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07588714	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05806124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05000039	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20976575	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13074965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10919098	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06328456	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18548263	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17140647	RBM14	0.0133817	0.0614412	1.41525	1.41525	0.0116725	0.594832	-1.68115	0.563361	0.908195	-1.10108	0.0974306	1.34957	1.34957	0.0045062	1.86642	1.86642
cg09657311	RBM14	0.0197431	0.863279	1.03895	1.03895	0.00091112	0.333091	-3.00218	0.0195944	0.535149	-1.86864	0.53214	0.869115	-1.1506	0.165099	1.38854	1.38854
cg15034244	RBM14	0.0446894	0.133389	0.827392	-1.20862	0.806116	0.971631	-1.0292	0.0207573	1.38514	1.38514	0.617901	1.06062	1.06062	0.503553	0.92363	-1.08269
cg22198823	RBM14	0.0473668	0.761742	1.16986	1.16986	0.874993	1.08461	1.08461	0.014163	4.76659	4.76659	0.72518	0.833527	-1.19972	0.00462411	0.143132	-6.98653
cg05807672	RBM15	0.00128451	0.91708	1.01915	1.01915	0.0258033	1.61942	1.61942	0.0148464	1.72593	1.72593	0.0182223	0.593334	-1.68539	0.31293	1.20935	1.20935
cg19317012	RBM15	0.00421298	0.871417	1.05865	1.05865	0.00183667	4.74456	4.74456	0.0607908	0.475342	-2.10375	0.193567	1.62263	1.62263	0.000605963	0.15568	-6.42345
cg18266620	RBM15	0.012485	0.00027738	0.0502018	-19.9196	0.797406	0.878671	-1.13808	0.332066	0.604622	-1.65393	0.335424	0.606864	-1.64782	0.076606	0.371452	-2.69214
cg21090962	RBM15B	0.000161123	0.604025	1.0339	1.0339	1.75E-05	1.75075	1.75075	0.000106106	1.54646	1.54646	0.0995107	1.1219	1.1219	0.00483877	1.26882	1.26882
cg27215641	RBM15B	0.00578935	0.178225	0.709935	-1.40858	0.00242126	2.74958	2.74958	0.0229309	1.91879	1.91879	0.453627	1.2006	1.2006	0.18212	0.712369	-1.40377
cg03037622	RBM15B	0.00779017	0.428855	1.40855	1.40855	0.0253906	3.08642	3.08642	0.0148641	3.56351	3.56351	0.383124	1.46131	1.46131	0.451224	1.38482	1.38482
cg06216732	RBM15B	0.0334324	0.564019	1.09459	1.09459	0.00104946	2.11991	2.11991	0.915473	0.983682	-1.01659	0.188881	1.24074	1.24074	0.907314	0.982113	-1.01821
cg02625315	RBM15B;RBM15B	0.0361779	0.261729	1.51248	1.51248	0.243443	1.53954	1.53954	0.0438312	2.26839	2.26839	0.696835	1.14845	1.14845	0.50473	0.787175	-1.27037
cg10898856	RBM16	0.00197096	0.000957645	0.293161	-3.41109	0.0680887	0.600769	-1.66453	0.0824091	0.618895	-1.61578	0.132246	0.666876	-1.49953	0.000236055	0.218771	-4.571
cg21551549	RBM16	0.00332003	0.000531867	2.12504	2.12504	0.985506	0.997464	-1.00254	0.0599918	1.34523	1.34523	0.00127234	1.92893	1.92893	0.447035	0.897343	-1.1144
cg27073311	RBM16	0.00590141	0.0207757	2.42577	2.42577	0.118757	1.7145	1.7145	0.0503015	2.03482	2.03482	0.0407634	2.12119	2.12119	0.0634591	1.9434	1.9434
cg09473207	RBM16	0.00959902	0.0336291	0.436899	-2.28886	0.960553	0.983631	-1.01664	0.888973	1.04771	1.04771	0.329125	1.39944	1.39944	0.0158544	0.373078	-2.68041
cg04411569	RBM16	0.0126001	0.073103	0.655176	-1.52631	0.0649017	0.644979	-1.55044	0.0103431	0.504927	-1.98048	0.965811	1.00911	1.00911	0.822574	0.953599	-1.04866
cg02865717	RBM16	0.0282364	0.345927	0.864557	-1.15666	0.00466855	1.75769	1.75769	0.00412958	1.7801	1.7801	0.256185	0.837184	-1.19448	0.617968	1.0783	1.0783
cg12120238	RBM16;RBM16	0.00148993	0.47458	1.36565	1.36565	0.0294937	0.333359	-2.99977	0.835659	0.914827	-1.0931	0.77165	0.882756	-1.13282	1.83E-05	0.0236656	-42.2554
cg17456994	RBM17;RBM17	0.000157906	0.314622	0.932394	-1.07251	0.119975	1.12025	1.12025	0.392442	1.06075	1.06075	0.000165072	0.649056	-1.5407	0.00625457	0.786749	-1.27105
cg00242839	RBM17;RBM17	0.00124803	0.0360956	0.443431	-2.25514	0.0222308	0.400778	-2.49515	0.406987	1.3271	1.3271	0.000518824	6.08729	6.08729	0.00621368	0.304171	-3.28763
cg15953921	RBM17;RBM17	0.00271118	0.016313	0.433804	-2.30519	0.0207479	0.453029	-2.20737	0.280494	0.726853	-1.37579	0.00248171	3.30694	3.30694	0.0234224	0.462975	-2.15994
cg12581446	RBM17;RBM17	0.00311365	0.551772	1.11006	1.11006	0.274005	0.820849	-1.21825	0.00385577	0.509004	-1.96462	0.186076	1.27525	1.27525	0.000677035	0.406106	-2.46241
cg09430827	RBM17;RBM17	0.0104101	0.00311784	0.336871	-2.9685	0.0670937	1.73734	1.73734	0.0388686	0.525372	-1.90341	0.140984	0.653022	-1.53134	0.00942986	0.412455	-2.42451
cg17976390	RBM17;RBM17	0.0135247	0.0471349	0.251166	-3.98142	0.00371056	0.092145	-10.8525	0.0899762	0.320902	-3.11622	0.526594	0.676906	-1.47731	0.00396106	0.0947287	-10.5565
cg03322749	RBM18;MRRF;RBM18;RBM18;MRRF	0.00142872	0.292626	0.925908	-1.08002	0.0269496	1.20288	1.20288	0.0297625	1.19762	1.19762	0.00546949	1.29382	1.29382	0.00438464	1.30768	1.30768
cg14184882	RBM18;MRRF;RBM18;RBM18;MRRF	0.0140132	0.390195	1.14129	1.14129	0.238867	1.2034	1.2034	0.454434	0.891931	-1.12116	0.666745	1.06719	1.06719	0.438933	1.1258	1.1258
cg14124066	RBM18;RBM18;RBM18	0.0249244	0.0365691	0.337284	-2.96486	0.0817423	0.421905	-2.3702	0.01202	0.246246	-4.06098	0.108078	0.456425	-2.19094	0.00808177	0.219257	-4.56086
cg12181579	RBM19;RBM19;RBM19	0.0011183	0.000654313	0.179835	-5.56066	0.00903898	0.336236	-2.9741	0.0019476	0.237105	-4.21754	0.00127485	0.213646	-4.68064	0.00168166	0.228799	-4.37065
cg07043361	RBM19;RBM19;RBM19	0.00158767	0.00334965	0.312506	-3.19994	0.982818	1.00629	1.00629	0.0489073	0.519338	-1.92553	0.51349	0.824427	-1.21296	0.000318865	0.18306	-5.4627
cg00473025	RBM19;RBM19;RBM19	0.0028681	0.981717	1.00135	1.00135	0.00997879	0.825783	-1.21097	0.000279328	0.704897	-1.41865	0.0419912	1.14784	1.14784	0.0448756	0.873322	-1.14505
cg24862202	RBM19;RBM19;RBM19	0.0155058	0.00330235	0.108947	-9.17875	0.0342105	0.254436	-3.93026	0.0643915	0.316321	-3.16134	0.588013	0.738621	-1.35387	0.00283056	0.102553	-9.75102
cg10458359	RBM19;RBM19;RBM19	0.0199497	0.453041	0.890181	-1.12337	0.732847	0.949194	-1.05353	0.00977394	0.608231	-1.64411	0.0976733	1.31857	1.31857	0.185796	1.23801	1.23801
cg16172043	RBM19;RBM19;RBM19	0.0212226	0.00527066	0.526664	-1.89874	0.408392	0.862961	-1.1588	0.924814	1.01659	1.01659	0.415451	0.864954	-1.15613	0.0599483	0.690788	-1.44762
cg01446614	RBM19;RBM19;RBM19	0.0248527	0.348478	1.09872	1.09872	0.203935	0.877416	-1.13971	0.241058	0.887185	-1.12716	0.148111	0.859571	-1.16337	0.0453496	0.799387	-1.25096
cg18842598	RBM19;RBM19;RBM19	0.0264864	0.00295173	0.582547	-1.7166	0.403859	0.893075	-1.11973	0.428073	0.898423	-1.11306	0.945739	1.00905	1.00905	0.00769333	0.635465	-1.57365
cg04831327	RBM19;RBM19;RBM19	0.0300544	0.0276206	0.585351	-1.70838	0.0946584	0.685418	-1.45896	0.00770635	0.494608	-2.0218	0.0234229	0.573041	-1.74508	0.436177	0.849295	-1.17745
cg25644321	RBM19;RBM19;RBM19	0.0330496	0.0156089	0.290273	-3.44503	0.341208	0.664191	-1.50559	0.0174648	0.299069	-3.34371	0.154449	0.529443	-1.88878	0.0183995	0.303226	-3.29787
cg15962744	RBM19;RBM19;RBM19	0.0384738	0.28574	0.711319	-1.40584	0.00369402	0.299553	-3.3383	0.0799748	0.550533	-1.81642	0.492589	0.807254	-1.23877	0.0393664	0.480791	-2.0799
cg16004706	RBM19;RBM19;RBM19	0.0397915	0.149841	0.658303	-1.51906	0.0116429	0.425757	-2.34876	0.0717433	0.580165	-1.72365	0.741682	0.91432	-1.09371	0.0109796	0.421393	-2.37308
cg04596060	RBM19;RBM19;RBM19	0.0421575	0.321575	1.25038	1.25038	0.00885898	2.06874	2.06874	0.0145874	1.92775	1.92775	0.349127	1.23406	1.23406	0.018804	1.86092	1.86092
cg09788586	RBM19;RBM19;RBM19	0.0426784	0.25477	0.493649	-2.02573	0.00103784	0.0559278	-17.8802	0.122622	0.370398	-2.6998	0.872003	0.908713	-1.10046	0.118177	0.365255	-2.73781
cg25058918	RBM19;RBM19;RBM19;RBM19;RBM19; RBM19	0.00769594	0.00460786	0.618918	-1.61572	0.0602463	1.30953	1.30953	0.0106831	0.664751	-1.50432	0.328834	1.13683	1.13683	0.0442482	0.745234	-1.34186
cg22623319	RBM20	6.97E-05	8.44E-05	0.145716	-6.86269	1.07E-05	0.0774289	-12.9151	0.00554039	0.370472	-2.69926	0.006136	0.377498	-2.64902	0.0125924	0.429448	-2.32857
cg23994051	RBM20	0.000213818	0.189892	1.2015	1.2015	4.87E-06	3.97481	3.97481	0.0825581	1.28946	1.28946	0.590448	1.07448	1.07448	0.181735	0.829092	-1.20614
cg08675654	RBM20	0.000316111	0.00873795	1.1341	1.1341	0.519273	0.97569	-1.02492	5.19E-05	0.751886	-1.32999	0.138033	1.06201	1.06201	0.0098921	0.884461	-1.13063
cg06143897	RBM20	0.000415818	0.00356089	0.167188	-5.98129	0.00132147	0.120532	-8.29658	0.0281976	0.309215	-3.23399	0.06107	0.384423	-2.6013	9.10E-06	0.0129161	-77.4226
cg24488739	RBM20	0.000727265	0.000649665	0.331601	-3.01567	0.000912811	0.351173	-2.8476	0.0278449	0.577708	-1.73098	0.00400395	0.442036	-2.26226	0.0008098	0.344225	-2.90507
cg08692733	RBM20	0.00103121	9.40E-05	0.0331191	-30.194	0.00181474	0.114143	-8.76094	0.00583449	0.170856	-5.85287	0.0415001	0.31643	-3.16026	0.474098	0.700232	-1.4281
cg13799081	RBM20	0.00138133	0.0109946	0.540479	-1.85021	0.120631	0.722779	-1.38355	0.0319953	0.615955	-1.62349	0.385353	0.842284	-1.18725	3.12E-05	0.208807	-4.78911
cg03520976	RBM20	0.00194136	?	?	?	0.00387352	5.61518	5.61518	0.69766	0.841019	-1.18903	0.00245344	0.154301	-6.48086	0.982755	0.99046	-1.00963
cg23362884	RBM20	0.0022608	0.0019305	0.079	-12.6582	0.001394	0.0686473	-14.5672	0.0116185	0.161265	-6.20097	0.0308334	0.230684	-4.33494	0.524795	1.45177	1.45177
cg11757130	RBM20	0.00245404	0.233586	1.21447	1.21447	0.000286832	0.398062	-2.51217	0.00120399	0.47811	-2.09157	0.949413	0.990177	-1.00992	0.00237677	0.517274	-1.93321
cg26070333	RBM20	0.0031067	0.754584	1.11402	1.11402	0.437143	1.3138	1.3138	0.0511154	2.14869	2.14869	0.492603	1.27119	1.27119	5.22E-05	0.0739463	-13.5233
cg20877679	RBM20	0.00361105	0.106264	0.678561	-1.47371	0.39112	0.824343	-1.21309	0.00642785	0.458753	-2.17982	0.00088649	0.334559	-2.98901	0.00186147	0.378851	-2.63956
cg12580156	RBM20	0.00372941	0.0365283	0.627331	-1.59405	0.672884	0.921751	-1.08489	0.0497519	0.650866	-1.53641	0.831266	1.04179	1.04179	9.79E-05	0.264983	-3.77383
cg05005367	RBM20	0.00377887	0.00148204	0.112526	-8.88682	0.0115224	0.221878	-4.50698	0.0507693	0.346312	-2.88757	0.0172688	0.251089	-3.98265	0.0038583	0.156454	-6.39166
cg26725862	RBM20	0.00381375	0.00716454	0.220371	-4.5378	0.000720474	0.1063	-9.40738	0.00942594	0.238474	-4.19334	0.0660968	0.407367	-2.45479	0.266499	1.65585	1.65585
cg16704246	RBM20	0.00636815	0.652147	0.90223	-1.10836	0.00105663	0.333487	-2.99862	0.0100595	0.47879	-2.0886	0.670678	1.10184	1.10184	0.770608	1.06854	1.06854
cg10955669	RBM20	0.00703737	0.00459645	0.236889	-4.22139	0.00834183	0.276084	-3.62209	0.0555244	0.436723	-2.28978	0.890509	1.05399	1.05399	0.00249095	0.200977	-4.97568
cg18594033	RBM20	0.00721707	0.0463843	0.781585	-1.27945	0.00906919	1.4307	1.4307	0.0358306	1.30181	1.30181	0.261602	0.881228	-1.13478	0.0867837	0.815223	-1.22666
cg20639805	RBM20	0.00832587	0.00744451	0.136617	-7.31971	0.109963	0.365589	-2.73531	0.00689333	0.132633	-7.53962	0.0461069	0.267153	-3.74318	0.505701	1.47702	1.47702
cg16349964	RBM20	0.00947313	0.00235933	0.251578	-3.97491	0.022016	0.409192	-2.44384	0.182324	0.630993	-1.5848	0.110025	0.567412	-1.76239	0.00145611	0.224051	-4.46327
cg16265932	RBM20	0.0096147	0.0990091	0.622013	-1.60768	0.0142971	0.452463	-2.21013	0.0987693	0.621763	-1.60833	0.144532	0.662694	-1.50899	0.000321394	0.216955	-4.60924
cg00379708	RBM20	0.0107302	0.494529	0.889217	-1.12458	0.0195973	0.620426	-1.6118	0.479179	0.885359	-1.12949	0.0712814	0.711071	-1.40633	0.086798	0.726047	-1.37732
cg25658010	RBM20	0.0133948	0.00072628	0.117412	-8.51704	0.183241	0.555122	-1.8014	0.0301075	0.345391	-2.89527	0.0950332	0.465517	-2.14815	0.158905	0.533876	-1.87309
cg05201777	RBM20	0.0196828	0.52492	1.21159	1.21159	0.00205787	0.27436	-3.64485	0.0392168	0.491266	-2.03556	0.529042	1.20922	1.20922	0.223605	0.683245	-1.4636
cg06874891	RBM20	0.0247188	0.856966	0.956521	-1.04546	0.581884	0.871949	-1.14686	0.311734	1.29415	1.29415	0.93183	0.97914	-1.0213	0.00051927	0.263488	-3.79523
cg15880704	RBM20	0.0275335	0.0117265	0.443163	-2.25651	0.897691	0.967298	-1.03381	0.191289	0.699347	-1.42991	0.110645	0.638072	-1.56722	0.0244786	0.500212	-1.99915
cg06237092	RBM20	0.0447564	0.87796	1.02408	1.02408	0.979561	1.00398	1.00398	0.00708597	1.7141	1.7141	0.10686	1.31344	1.31344	0.971523	1.00554	1.00554
cg14157052	RBM20	0.0455231	0.0320763	0.298219	-3.35324	0.0107655	0.213553	-4.68269	0.683382	1.21846	1.21846	0.20487	0.524887	-1.90517	0.00815592	0.195625	-5.11183
cg25502950	RBM22	0.000897626	0.0672483	0.784995	-1.27389	0.000104369	2.24706	2.24706	0.00189106	1.68166	1.68166	0.215979	0.857527	-1.16614	0.114372	0.816519	-1.22471
cg01394116	RBM22	0.0117063	0.00465018	0.0972227	-10.2857	0.0162448	0.162032	-6.17164	0.126743	0.359606	-2.78082	0.204204	0.436205	-2.2925	0.00525961	0.102422	-9.76356
cg05467183	RBM22	0.0190556	0.653026	0.933163	-1.07162	0.690443	0.940642	-1.0631	0.187393	1.23811	1.23811	0.238259	1.20783	1.20783	0.100444	1.31664	1.31664
cg05511403	RBM22	0.0191606	0.278826	0.782252	-1.27836	0.00152899	2.70433	2.70433	0.0183433	1.86678	1.86678	0.865419	0.963681	-1.03769	0.99352	1.00177	1.00177
cg07024545	RBM22	0.0257202	0.155533	0.486793	-2.05426	0.908196	0.94682	-1.05617	0.358587	1.56394	1.56394	0.503685	0.725081	-1.37916	0.70073	1.20075	1.20075
cg18961388	RBM23;RBM23;RBM23	0.000272476	0.0157974	2.021	2.021	0.0381324	0.564489	-1.77151	0.636976	0.893056	-1.11975	0.987447	0.996264	-1.00375	0.45642	1.19778	1.19778
cg13016115	RBM23;RBM23;RBM23	0.00308487	0.0673055	0.582203	-1.71761	0.30101	1.32675	1.32675	0.0135566	2.23898	2.23898	0.000121576	0.170246	-5.87386	0.864979	0.956092	-1.04592
cg07971674	RBM23;RBM23;RBM23	0.0057832	0.85122	1.02795	1.02795	0.173589	1.23682	1.23682	0.00885701	1.63086	1.63086	0.162588	1.24464	1.24464	0.290148	0.851149	-1.17488
cg04756491	RBM23;RBM23;RBM23	0.00658943	0.484555	0.835988	-1.19619	0.981131	0.994053	-1.00598	0.140921	0.670732	-1.49091	0.0257292	0.512719	-1.95039	0.000133766	0.18837	-5.30869
cg11061033	RBM23;RBM23;RBM23	0.00791418	0.0100755	1.97765	1.97765	0.0185615	0.549113	-1.82112	0.000944211	0.355047	-2.81653	0.316936	0.804724	-1.24266	0.0386007	0.604652	-1.65384
cg13705674	RBM23;RBM23;RBM23	0.00793805	0.589876	1.08423	1.08423	0.0458113	0.711612	-1.40526	0.00099284	0.483373	-2.0688	0.0150383	0.641383	-1.55913	0.0282585	0.680506	-1.4695
cg13273789	RBM23;RBM23;RBM23	0.0127748	0.00421126	0.473758	-2.11078	0.16927	0.75168	-1.33035	0.224828	1.28212	1.28212	0.0287722	0.6049	-1.65316	0.745611	1.06551	1.06551
cg03251805	RBM23;RBM23;RBM23	0.042484	0.0735738	0.645452	-1.5493	0.924867	0.979511	-1.02092	0.0867824	0.66025	-1.51458	?	?	?	0.0150966	0.519252	-1.92585
cg13149281	RBM23;RBM23;RBM23;PRMT5;PRMT5 RBM23;RBM23;RBM23;RBM23;RBM23;	0.0190586	0.0278846	0.459004	-2.17863	0.313575	1.36662	1.36662	0.369428	0.758635	-1.31816	0.136467	0.618302	-1.61733	0.000620039	0.206291	-4.84752
cg25600027	RBM23	0.0247042	0.16999	0.82812	-1.20755	0.554082	0.925681	-1.08029	0.970586	0.995254	-1.00477	0.417585	1.11281	1.11281	0.0458566	1.34357	1.34357
cg09535605	RBM24;RBM24	0.00248066	0.0902472	0.807027	-1.23912	0.00779247	1.48041	1.48041	0.116214	1.21658	1.21658	0.0432078	0.765609	-1.30615	0.00381998	0.638973	-1.56501
cg10096145	RBM24;RBM24;RBM24	0.00476095	0.000256695	0.0661658	-15.1136	0.213213	0.553525	-1.8066	0.0973187	0.440019	-2.27263	0.784301	1.13178	1.13178	0.345099	0.644841	-1.55077
cg00381411	RBM24;RBM24;RBM24	0.0105033	0.105692	2.94835	2.94835	0.384145	1.70446	1.70446	0.89861	1.07843	1.07843	0.879494	1.09403	1.09403	0.0517999	0.252758	-3.95636
cg22874893	RBM24;RBM24;RBM24	0.0132982	0.0387598	1.41625	1.41625	0.297677	1.16999	1.16999	0.0254972	0.679762	-1.4711	0.0889958	0.761275	-1.31359	0.257686	0.842179	-1.1874
cg23984769	RBM24;RBM24;RBM24	0.0470233	0.444961	0.92214	-1.08443	0.349413	0.904591	-1.10547	0.222701	1.14269	1.14269	0.681041	0.957888	-1.04396	0.735126	1.03598	1.03598
cg16476639	RBM25	0.000589105	0.000158408	0.462957	-2.16003	0.873739	1.01914	1.01914	0.425078	0.907452	-1.10199	0.982747	0.997425	-1.00258	2.05E-05	0.358575	-2.78882
cg05236446	RBM25	0.00211037	0.0114704	0.515385	-1.9403	0.000603871	3.02941	3.02941	0.00296276	2.35087	2.35087	0.533117	0.876087	-1.14144	0.472852	0.858121	-1.16534
cg15827387	RBM25	0.00345907	0.195883	1.30334	1.30334	0.0245613	1.67989	1.67989	0.00831742	1.92202	1.92202	0.0455568	1.55913	1.55913	0.145556	0.73882	-1.35351
cg20034983	RBM25	0.00426883	?	?	?	0.114179	1.75677	1.75677	0.000872511	0.194496	-5.14149	0.0129001	0.363391	-2.75186	0.0107998	2.85762	2.85762
cg11178371	RBM25	0.0251058	0.169424	0.929016	-1.07641	0.870169	1.00826	1.00826	0.0146351	0.859673	-1.16323	0.062692	1.11111	1.11111	0.0147722	0.859931	-1.16288
cg24709703	RBM25;RBM25	0.0383021	0.33412	1.18256	1.18256	0.573024	1.10061	1.10061	0.357774	0.852833	-1.17256	0.47643	1.12962	1.12962	0.875493	1.02675	1.02675
cg07303017	RBM26	0.00540835	0.264086	1.35442	1.35442	0.795747	1.06994	1.06994	0.0177158	0.47159	-2.12048	0.00398006	2.74283	2.74283	0.103054	0.628288	-1.59163
cg04261072	RBM26	0.0191661	0.269817	0.750028	-1.33328	0.060157	0.588171	-1.70019	0.292563	1.31435	1.31435	0.0780846	1.6324	1.6324	0.0377413	0.547042	-1.82801
cg09517628	RBM26	0.028066	0.224394	0.861624	-1.1606	0.968044	0.995336	-1.00469	0.0245071	1.36709	1.36709	0.0471027	1.30364	1.30364	0.0161937	1.40953	1.40953
cg12383823	RBM26	0.0408826	0.605431	0.885132	-1.12977	0.227327	1.34547	1.34547	0.00954857	2.1566	2.1566	0.0127091	0.484304	-2.06482	0.0599802	0.608446	-1.64353
cg00703542	RBM27	0.00335572	0.303117	0.843454	-1.1856	0.000367402	0.40228	-2.48583	0.275999	0.834546	-1.19826	0.876697	1.02509	1.02509	0.00687835	0.572054	-1.74809
cg17427102	RBM27	0.0406076	0.461872	1.22926	1.22926	0.0236054	2.10618	2.10618	0.00473517	2.81212	2.81212	0.13574	1.55748	1.55748	0.470797	0.81695	-1.22407
cg17430818	RBM27;RBM27	0.00956707	0.742814	1.04234	1.04234	0.0106621	1.49823	1.49823	0.00379994	1.63495	1.63495	0.0190779	0.699569	-1.42945	0.165571	0.830079	-1.2047
cg10000639	RBM28;RBM28	0.000786773	0.696385	1.06126	1.06126	0.0923638	0.755148	-1.32424	0.00799625	1.67422	1.67422	2.63E-05	0.2834	-3.52858	0.351189	1.15658	1.15658
cg11041966	RBM28;RBM28	0.000868507	0.0610981	0.765215	-1.30682	0.0260951	0.715531	-1.39756	0.774309	0.964204	-1.03713	0.532731	0.92301	-1.08341	0.825504	1.02839	1.02839
cg12753125	RBM28;RBM28	0.00293304	0.232854	0.810356	-1.23403	0.043386	0.676716	-1.47772	0.0274896	0.645144	-1.55004	0.0504211	0.687414	-1.45473	0.000127099	0.326002	-3.06747
cg02849953	RBM28;RBM28	0.00588053	0.136889	0.637782	-1.56794	0.000122378	0.152305	-6.56578	0.0167388	0.440574	-2.26976	0.534527	0.838148	-1.19311	0.0576892	0.547486	-1.82653
cg26924747	RBM28;RBM28	0.0172208	0.0505223	0.507478	-1.97053	0.0577541	0.520475	-1.92132	0.219244	0.674873	-1.48176	0.0769448	0.549564	-1.81962	0.10346	0.58157	-1.71948
cg24107852	RBM28;RBM28	0.019643	0.0764121	0.649738	-1.53908	0.528546	1.14989	1.14989	0.0166948	0.527738	-1.89488	0.123363	0.694127	-1.44066	0.00151473	0.36812	-2.71651
cg19243409	RBM28;RBM28	0.0354047	0.29343	0.66195	-1.51069	0.78734	0.902706	-1.10778	0.0216823	0.352241	-2.83897	0.75846	1.12385	1.12385	0.00313979	0.216862	-4.61122
cg08635249	RBM28;RBM28;RBM28;RBM28	0.0443887	0.855368	0.958787	-1.04298	0.641542	1.11421	1.11421	0.358217	1.2435	1.2435	0.791575	0.940737	-1.063	0.0193674	0.520879	-1.91983
cg00023415	RBM3	6.25E-06	0.0325479	1.52668	1.52668	0.00673529	0.552042	-1.81146	2.64E-05	0.245167	-4.07885	0.195063	0.793128	-1.26083	2.02E-07	0.0691266	-14.4662
cg05454990	RBM3	0.00303174	0.226338	1.38346	1.38346	0.00128895	0.301648	-3.31513	0.00303783	0.354289	-2.82256	0.121627	0.651308	-1.53537	0.00278992	0.348852	-2.86655
cg01413299	RBM33	1.54E-07	0.01631	1.51524	1.51524	0.0527204	0.732256	-1.36564	0.861423	0.975578	-1.02503	0.24566	1.18747	1.18747	0.0996954	1.29087	1.29087
cg03381237	RBM33	3.77E-06	0.00758094	0.778329	-1.2848	0.0823595	1.15075	1.15075	0.000192846	0.63253	-1.58095	0.000696202	0.685585	-1.45861	1.69E-07	0.307349	-3.25363
cg14615491	RBM33	4.69E-06	1.98E-05	0.348825	-2.86676	0.000445718	1.96453	1.96453	0.135253	1.21679	1.21679	5.25E-05	2.5119	2.5119	3.86E-05	0.382443	-2.61477
cg11075176	RBM33	6.61E-05	0.00333527	1.52354	1.52354	0.262078	1.13116	1.13116	0.118736	1.19538	1.19538	9.07E-05	2.09055	2.09055	0.213359	0.871014	-1.14809
cg05154019	RBM33	0.00249833	0.543112	1.13308	1.13308	0.0131751	1.86607	1.86607	0.0276537	0.589497	-1.69636	0.872308	1.03319	1.03319	0.400366	1.19093	1.19093
cg14928149	RBM33	0.00274228	0.00166992	1.7747	1.7747	0.0118008	1.49367	1.49367	0.0088159	0.653436	-1.53037	0.173215	1.20312	1.20312	0.0282985	0.718645	-1.39151
cg00243166	RBM33	0.00453001	0.027427	0.56969	-1.75534	0.328496	0.804509	-1.24299	0.00961102	0.493117	-2.02791	0.458738	1.1767	1.1767	0.815758	0.950907	-1.05163
cg15858747	RBM33	0.00542024	0.338999	0.688715	-1.45198	0.026315	2.71009	2.71009	0.886913	0.94758	-1.05532	0.466301	0.755385	-1.32383	0.0445015	2.39436	2.39436
cg25720022	RBM33	0.00757895	0.0384976	1.47326	1.47326	0.0483988	1.43979	1.43979	0.0290387	1.51569	1.51569	0.279946	1.19905	1.19905	0.623732	0.923198	-1.08319
cg03133917	RBM33	0.00832795	0.109595	0.832414	-1.20133	0.00359492	1.51372	1.51372	0.000822943	1.69879	1.69879	0.79351	1.02797	1.02797	0.669763	0.955892	-1.04614
cg14998613	RBM33	0.0138941	0.0203645	0.34831	-2.87101	0.413813	0.729695	-1.37044	0.0153698	0.325605	-3.07121	0.190882	0.593077	-1.68612	0.0341399	0.393554	-2.54095
cg02175952	RBM33	0.0211741	0.684204	0.873098	-1.14535	0.0328966	0.43688	-2.28896	0.0627027	0.499046	-2.00382	0.616397	1.18249	1.18249	0.160645	0.608149	-1.64433
cg01115569	RBM33	0.0224074	0.0417221	0.522808	-1.91275	0.0737994	1.73427	1.73427	0.149002	0.652103	-1.5335	0.281886	0.734212	-1.36201	0.00269081	0.317959	-3.14506
cg11979621	RBM33	0.0249704	0.519227	0.773303	-1.29315	0.820844	0.91462	-1.09335	0.601489	1.23039	1.23039	0.0743042	2.18683	2.18683	0.0867885	2.1048	2.1048
cg18440871	RBM33	0.0318454	0.368195	1.55194	1.55194	0.026556	0.286468	-3.49079	0.830971	0.90335	-1.10699	0.857752	1.08906	1.08906	0.770355	0.870067	-1.14934
cg07262012	RBM33	0.0340567	0.588759	0.892639	-1.12027	0.0497938	1.59296	1.59296	0.670708	0.914855	-1.09307	0.136874	0.716469	-1.39573	0.0122651	0.522515	-1.91382
cg26313657	RBM33	0.0352221	0.00793251	1.61931	1.61931	0.748181	0.95542	-1.04666	0.155123	0.806216	-1.24036	0.772497	1.0419	1.0419	0.102356	1.28801	1.28801
cg24411299	RBM33	0.0453102	0.558458	0.890452	-1.12302	0.345453	0.826529	-1.20988	0.764117	0.942699	-1.06078	0.0016002	0.411595	-2.42957	0.65969	0.916781	-1.09077
cg17813670	RBM34;RBM34	0.0153044	0.0374009	0.2732	-3.66032	0.00293925	0.111451	-8.97256	0.0148062	0.199728	-5.00682	0.0806398	0.353163	-2.83155	0.00936441	0.170311	-5.87161
cg21930061	RBM34;RBM34;RBM34	0.0228687	0.385435	0.832191	-1.20165	0.280614	0.793324	-1.26052	0.456656	0.855132	-1.16941	?	?	?	0.00046565	0.321013	-3.11514
cg19213242	RBM38;RBM38	0.0011147	0.000297668	0.306917	-3.25821	0.0567884	0.64887	-1.54114	0.0468942	1.57834	1.57834	0.0648324	0.659681	-1.51588	6.62E-05	0.230486	-4.33866
cg15636859	RBM38;RBM38	0.00273485	0.0247616	0.389873	-2.56493	0.00898533	0.310128	-3.22447	0.00772387	0.299405	-3.33996	0.938677	1.02749	1.02749	0.000161874	0.103394	-9.67172
cg10198271	RBM38;RBM38	0.00379936	0.0256637	0.716485	-1.3957	0.0111631	0.670269	-1.49194	0.830152	1.02739	1.02739	0.00125174	0.552755	-1.80912	0.0287879	0.722994	-1.38314
cg15768226	RBM38;RBM38	0.00386653	0.162662	1.57471	1.57471	0.79156	1.08404	1.08404	0.929797	0.973513	-1.02721	0.484341	0.805323	-1.24174	0.0795499	1.80916	1.80916
cg26453670	RBM38;RBM38	0.00689916	0.00991945	0.456286	-2.19161	0.00517474	2.43298	2.43298	0.607809	0.882773	-1.13279	0.934992	0.980542	-1.01984	0.00666263	0.428263	-2.33501

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17140647	0.569741	0.909653	-1.09932	0.303489	0.838893	-1.19205	0.922317	1.01621	1.01621	0.0159363	1.62661	1.62661	5.379	2.31454	0.382481	1
cg09657311	0.414504	0.831178	-1.20311	0.543677	0.872618	-1.14598	0.657058	0.905692	-1.10413	0.0303165	0.56867	-1.75849	4.72526	3.67772	0.691833	1
cg15034244	0.0295684	1.34961	1.34961	0.0786247	0.795643	-1.25684	0.103673	0.811991	-1.23154	0.158653	1.19284	1.19284	3.53468	0.766753	0.192821	1
cg22198823	0.968842	1.02036	1.02036	0.297833	1.74505	1.74505	0.307393	1.72479	1.72479	0.499499	0.702126	-1.42424	3.45827	14.5777	3.74695	1
cg05807672	0.00330208	0.482458	-2.07272	0.000149349	0.305303	-3.27544	0.944914	0.987494	-1.01266	0.0825832	0.704591	-1.41926	10.9566	5.75528	0.466916	1
cg19317012	0.224012	1.56747	1.56747	0.600968	0.830538	-1.20404	0.326472	1.42826	1.42826	0.178278	0.604562	-1.65409	7.73049	15.1582	1.74296	1
cg18266620	0.69252	1.22121	1.22121	0.0823194	0.37995	-2.63193	0.0194784	0.241721	-4.137	0.822231	1.1198	1.1198	5.50219	22.0313	3.55919	1
cg21090962	0.188117	1.09292	1.09292	0.688983	1.02596	1.02596	0.00777813	1.24325	1.24325	0.00156835	0.748708	-1.33563	19.4775	1.25216	0.0571446	1
cg27215641	0.315623	1.28209	1.28209	0.00152367	0.335185	-2.98343	0.418782	1.21879	1.21879	0.33311	0.787332	-1.27011	7.01606	6.3734	0.807469	1
cg03037622	0.625678	0.811786	-1.23185	0.000511588	0.100138	-9.98618	0.776122	1.12854	1.12854	0.339742	0.658804	-1.5179	6.39738	18.2272	2.53259	1
cg06216732	0.720163	1.05733	1.05733	0.618491	0.925151	-1.0809	0.265975	0.835586	-1.19676	0.0397264	1.44555	1.44555	3.93161	1.4953	0.33807	1
cg02625315	0.746189	1.12166	1.12166	0.0108226	0.322538	-3.10041	0.0107164	3.10745	3.10745	0.482897	0.777161	-1.28673	3.82099	7.56358	1.75954	1
cg10898856	0.0304681	0.530336	-1.8856	0.0168668	0.483315	-2.06904	0.142055	1.4824	1.4824	0.00217456	0.342084	-2.92326	9.68306	9.53859	0.875626	1
cg21551549	0.0745855	0.75759	-1.31997	0.501294	0.909015	-1.10009	0.491558	0.906973	-1.10257	0.0158322	1.5115	1.5115	8.30378	2.56899	0.275001	1
cg27073311	0.00809455	2.94362	2.94362	0.0215137	2.40883	2.40883	0.000306183	6.46683	6.46683	0.00438343	3.35815	3.35815	6.97472	11.1971	1.42701	1
cg09473207	0.218657	0.649393	-1.5399	0.00157887	0.220015	-4.54515	0.0112744	2.88387	2.88387	0.404757	0.752425	-1.32904	5.98837	10.56	1.56748	1
cg04411569	0.510591	0.868335	-1.15163	0.00115196	2.74698	2.74698	0.991954	1.00214	1.00214	0.671557	1.09442	1.09442	5.48577	3.8883	0.630043	1
cg02865717	0.821282	1.03451	1.03451	0.568078	1.09037	1.09037	0.531716	1.09964	1.09964	0.0608981	1.37266	1.37266	4.17539	1.48666	0.316492	1
cg12120238	0.136395	0.502745	-1.98908	0.50243	1.33869	1.33869	0.973359	1.01441	1.01441	0.521593	1.32099	1.32099	10.4999	30.54	2.58542	1
cg17456994	0.000294516	0.672351	-1.48732	2.25E-05	0.564489	-1.77151	0.000627948	0.70196	-1.42458	0.0105595	0.805305	-1.24177	19.5838	1.4055	0.0637943	1
cg00242839	0.0478788	0.470174	-2.12687	0.00176563	0.226269	-4.41952	0.00702349	0.312613	-3.19885	0.242679	0.665039	-1.50367	11.0472	19.4744	1.56696	1
cg15953921	0.0504539	0.530443	-1.88521	0.00237999	0.299809	-3.33546	0.00313637	0.317105	-3.15352	0.33044	0.751559	-1.33057	8.81862	11.2962	1.13862	1
cg12581446	0.373475	1.17169	1.17169	0.0125329	0.583551	-1.71365	0.00887801	1.78169	1.78169	0.612597	0.915247	-1.0926	8.4641	4.03222	0.423458	1
cg09430827	0.209249	0.700326	-1.42791	0.0457883	0.539963	-1.85198	0.346564	0.770374	-1.29807	0.00477203	0.364821	-2.74107	5.835	6.69419	1.01977	1
cg17976390	0.0753826	0.299987	-3.33347	0.00226699	0.0744546	-13.431	0.0769532	0.302346	-3.30746	0.0608963	0.276687	-3.61419	5.36031	31.4029	5.20749	1
cg03322749	0.272177	1.08392	1.08392	0.000234421	0.650452	-1.53739	0.0647949	1.15746	1.15746	0.763943	1.02146	1.02146	10.6273	0.836732	0.0699856	1
cg14184882	0.461187	1.11918	1.11918	0.0238943	0.66728	-1.49862	0.000571789	2.22676	2.22676	0.0778342	1.34196	1.34196	5.29824	1.89041	0.317155	1
cg14124066	0.0168722	0.271402	-3.68457	0.00503074	0.190154	-5.25888	0.258008	0.589767	-1.69558	0.154883	0.50607	-1.97601	4.36182	13.8257	2.81751	1
cg12181579	0.0471542	0.474222	-2.10872	0.303029	0.70439	-1.41967	0.254926	0.67677	-1.47761	0.000191019	0.12686	-7.88268	11.3986	19.4765	1.51882	1
cg07043361	0.0527713	0.526532	-1.89922	0.0082792	0.373936	-2.67425	0.000143232	0.148133	-6.7507	0.0915898	0.582022	-1.71815	10.3094	13.8606	1.19507	1
cg00473025	0.841816	0.988313	-1.01183	0.0229306	1.17363	1.17363	0.432562	0.953971	-1.04825	0.0276775	0.857995	-1.16551	8.67304	0.47549	0.0487324	1
cg24862202	0.236357	0.502928	-1.98835	0.00634131	0.139665	-7.16	0.0787939	0.339165	-2.94842	0.0629846	0.313922	-3.1855	5.12411	24.9013	4.31967	1
cg10458359	0.0199187	0.652055	-1.53361	0.011048	1.62426	1.62426	0.303831	0.85038	-1.17594	0.578258	0.918086	-1.08922	4.70859	1.72712	0.326046	1
cg16172043	0.665309	1.07881	1.07881	0.0267701	1.5799	1.5799	0.0359892	0.653655	-1.52986	0.0213674	0.617521	-1.61938	4.61039	2.2183	0.42769	1
cg01446614	0.995119	0.999404	-1.0006	0.000643726	0.600033	-1.66657	0.353649	0.91112	-1.09755	0.748918	1.03182	1.03182	4.3662	0.657843	0.133927	1
cg18842598	0.310027	1.14921	1.14921	0.108762	1.26059	1.26059	0.198105	0.835205	-1.19731	0.966401	0.994439	-1.00559	4.2703	1.18538	0.246744	1
cg04831327	0.78143	0.944412	-1.05886	0.0499635	1.58357	1.58357	0.846405	0.960907	-1.04068	0.0933615	0.684195	-1.46157	4.0842	2.73505	0.595258	1
cg25644321	0.156057	0.530934	-1.88347	0.0060695	0.224264	-4.45903	0.479561	0.74092	-1.34967	0.0223619	0.319219	-3.13264	3.94792	10.8835	2.45045	1
cg15962744	0.0593576	0.519985	-1.92313	0.0256783	0.44299	-2.25739	0.0236904	0.436161	-2.29273	0.960354	1.01539	1.01539	3.73615	5.58556	1.32889	1
cg16004706	?	?	?	0.116573	0.630179	-1.58685	0.144167	1.52938	1.52938	0.654821	0.885275	-1.12959	3.74829	3.86954	1.03235	1
cg04596060	0.66888	1.09843	1.09843	0.472848	0.852728	-1.17271	0.74334	1.07433	1.07433	0.0249134	1.7903	1.7903	3.61231	2.72383	0.67026	1
cg09788586	0.354749	0.568247	-1.7598	0.121859	0.369523	-2.70619	0.0593461	0.282601	-3.53856	0.902043	0.929507	-1.07584	3.59588	20.0726	4.96189	1
cg25058918	0.253309	0.85915	-1.16394	0.0479618	0.749994	-1.33334	0.0131768	1.47856	1.47856	0.861643	0.978047	-1.02245	6.42187	1.6468	0.227943	1
cg22623319	0.000170691	0.175376	-5.70202	1.82E-05	0.0924155	-10.8207	0.102512	0.614618	-1.62703	0.00162944	0.292366	-3.42037	24.3812	28.6601	1.04489	1
cg23994051	0.524114	1.0891	1.0891	0.00127092	0.537087	-1.8619	0.249246	1.1726	1.1726	0.337388	0.877422	-1.1397	18.0411	4.9949	0.246099	1
cg08675654	0.05802	1.08406	1.08406	0.0160805	1.11736	1.11736	0.00136707	1.19126	1.19126	0.0166439	1.11644	1.11644	16.2161	0.364451	0.0199774	1
cg06143897	0.00621946	0.198807	-5.03001	0.00210732	0.141081	-7.08815	0.0120836	0.242379	-4.12576	0.0352025	0.329218	-3.0375	15.0384	48.8563	2.88779	1
cg24488739	0.00391367	0.440561	-2.26983	0.000408903	0.305754	-3.2706	0.0005793	0.325115	-3.07583	0.00494799	0.455845	-2.19373	12.8723	9.08363	0.627265	1
cg08692733	0.039001	0.310508	-3.22053	0.000339412	0.0592495	-16.8778	0.0130539	0.221508	-4.5145	0.00525669	0.165046	-6.05892	11.6644	44.2613	3.37296	1
cg13799081	0.00102997	0.391442	-2.55466	0.895865	0.975061	-1.02558	0.162254	0.749936	-1.33345	0.0659668	0.671772	-1.4886	10.7308	6.3213	0.523627	1
cg03520976	?	?	?	0.000731533	0.102616	-9.74503	0.805913	0.896569	-1.11536	0.149305	1.98531	1.98531	10.23	24.7874	2.76916	1
cg23362884	0.0270404	0.219994	-4.54558	0.000858643	0.0552701	-18.093	0.00308578	0.0960754	-10.4085	0.00630895	0.127767	-7.82678	9.30274	49.2947	4.71017	1
cg11757130	0.198421	0.809395	-1.23549	0.944735	1.01084	1.01084	0.373435	1.15276	1.15276	0.826522	1.03474	1.03474	9.08148	3.48182	0.340798	1
cg26070333	0.352707	1.38996	1.38996	0.40158	0.74408	-1.34394	0.56808	0.819815	-1.21979	0.636621	0.848865	-1.17804	8.46972	15.9033	1.66903	1
cg20877679	0.00105271	0.344592	-2.90199	0.0647116	0.633739	-1.57794	0.0142361	0.514417	-1.94395	0.0136286	0.511261	-1.95595	8.09769	6.19814	0.680374	1
cg12580156	0.486283	0.87307	-1.14538	0.0379617	1.58675	1.58675	0.459882	1.15532	1.15532	0.981411	0.99554	-1.00448	8.01972	4.67628	0.518309	1
cg05005367	0.00746041	0.193691	-5.16287	0.00132209	0.10799	-9.26011	0.557216	1.32691	1.32691	0.018694	0.257183	-3.88829	7.98804	28.7209	3.19599	1
cg26725862	0.641957	0.815485	-1.22626	0.0038832	0.183792	-5.44095	0.00752931	0.223565	-4.47297	0.0120543	0.255694	-3.91093	7.96601	23.9395	2.6713	1
cg16704246	0.842579	0.955918	-1.04611	0.00317418	0.401023	-2.49362	0.641725	0.899206	-1.11209	0.00329632	0.403451	-2.47862	6.81252	5.54662	0.723715	1
cg10955669	0.231257	1.61511	1.61511	0.483047	1.31279	1.31279	0.228274	1.62058	1.62058	0.0198342	0.341707	-2.92648	6.60414	15.2453	2.05195	1
cg18594033	0.00960282	1.42491	1.42491	0.00537808	1.48563	1.48563	0.206501	1.15477	1.15477	0.126671	1.19535	1.19535	6.55236	1.21054	0.164221	1
cg20639805	0.0389141	0.251381	-3.97803	0.00254934	0.089123	-11.2205	0.00523003	0.119113	-8.39538	0.0157519	0.181054	-5.5232	6.26483	33.0968	4.69596	1
cg16349964	0.0131477	0.367777	-2.71904	0.0261675	0.423893	-2.35908	0.0189059	0.396587	-2.52151	0.0268888	0.426249	-2.34605	6.01362	10.0796	1.48989	1
cg16265932	0.39522	1.25682	1.25682	0.0998559	0.622891	-1.60542	0.58672	0.86581	-1.15499	0.0201984	0.479342	-2.08619	5.98525	6.53268	0.970189	1
cg00379708	0.00167777	2.13899	2.13899	0.0206501	0.623908	-1.6028	0.135839	0.761815	-1.31266	0.214686	0.801646	-1.24743	5.77853	2.62191	0.403319	1
cg25658010	0.276742	0.624051	-1.60243	0.00842739	0.246027	-4.06459	0.484511	0.743716	-1.3446	0.00717479	0.235329	-4.24938	5.37728	14.7951	2.4457	1
cg05201777	0.205806	0.671934	-1.48824	0.00863275	0.368785	-2.71161	0.086038	0.568306	-1.75961	0.0321797	0.473577	-2.11159	4.73017	6.6483	1.24934	1
cg06874891	0.573804	1.15031	1.15031	0.382665	1.24681	1.24681	0.220023	1.37402	1.37402	0.854592	1.04624	1.04624	4.3744	4.20587	0.854643	1
cg15880704	0.122963	0.64925	-1.54024	0.00460996	0.377387	-2.6498	0.205386	1.41244	1.41244	0.0718135	0.594817	-1.68119	4.21262	4.4572	0.940497	1
cg06237092	0.0541203	1.40291	1.40291	0.074784	0.735374	-1.35985	0.105859	1.31465	1.31465	0.197666	0.809857	-1.23479	3.53269	1.34209	0.337693	1
cg14157052	0.139618	0.464891	-2.15104	0.160292	0.485396	-2.06018	0.755245	1.16262	1.16262	0.0719888	0.379943	-2.63197	3.51029	12.9077	3.26854	1
cg25502950	0.0034801	1.59688	1.59688	0.146273	0.831865	-1.20212	0.848429	1.02284	1.02284	0.037821	1.32882	1.32882	12.1318	2.67707	0.196148	1
cg01394116	0.0341566	0.216419	-4.62067	0.00153125	0.0593855	-16.8391	0.152463	0.38713	-2.58311	0.0460514	0.242797	-4.11868	5.61845	34.1148	5.39727	1
cg05467183	0.663748	1.06915	1.06915	0.000583369	0.443618	-2.25419	0.303548	0.849679	-1.17691	0.948987	1.00983	1.00983	4.78233	1.76985	0.32896	1
cg05511403	0.0823039	1.52163	1.52163	0.062636	0.633224	-1.57922	0.849536	1.04229	1.04229	0.997479	0.999311	-1.00069	4.77345	3.59607	0.669644	1
cg07024545	0.657906	1.23505	1.23505	0.000438351	0.071972	-13.8943	0.862742	0.921296	-1.08543	0.901082	1.06068	1.06068	4.31434	15.334	3.15929	1
cg18961388	0.76468	1.07404	1.07404	5.41E-06	0.08637	-11.5781	0.816187	0.946105	-1.05696	0.00264042	0.371567	-2.6913	16.8886	15.1422	0.796968	1
cg13016115	0.0186428	0.471236	-2.12208	0.900858	0.967653	-1.03343	0.769656	0.925456	-1.08055	0.268094	0.737606	-1.35574	8.4875	9.35667	0.979916	1
cg07971674	0.94382	0.989707	-1.0104	0.0119436	1.58485	1.58485	0.0695595	1.34714	1.34714	0.000925856	0.48376	-2.06714	7.01835	2.39556	0.303403	1
cg04756491	0.900491	0.968944	-1.03205	0.241845	1.36199	1.36199	0.738766	1.08807	1.08807	0.0719775	0.602581	-1.65953	6.74072	6.79008	0.895398	1
cg11061033	0.246123	0.775138	-1.29009	0.92424	1.02017	1.02017	0.214334	0.75993	-1.31591	0.45362	1.17387	1.17387	6.36571	4.44589	0.620812	1
cg13705674	0.0108981	0.621901	-1.60797	0.231537	1.20501	1.20501	0.372666	1.1457	1.1457	0.814238	1.0356	1.0356	6.35968	2.22442	0.310906	1
cg13273789	0.0098828	0.529707	-1.88783	0.234839	1.27471	1.27471	0.48575	1.14806	1.14806	0.0461421	1.5611	1.5611	5.46121	3.28639	0.534907	1
cg03251805	0.00286513	0.4064	-2.46063	0.281532	0.782211	-1.27843	0.29332	0.787218	-1.2703	0.455225	0.846263	-1.18167	3.65767	2.4803	0.678108	1
cg13149281	0.413531	0.778403	-1.28468	0.0726074	0.548666	-1.8226	0.759695	1.0963	1.0963	0.789855	1.08333	1.08333	4.78208	6.80155	1.26427	1
cg25600027	0.338185	0.880384	-1.13587	0.000964608	0.530399	-1.88537	0.201634	0.840304	-1.19004	0.411472	0.897301	-1.11445	4.3753	1.15377	0.234401	1
cg09535605	0.853661	1.02143	1.02143	0.0433012	1.30595	1.30595	0.000826876	1.783	1.783	0.295115	1.1328	1.1328	9.0527	1.89082	0.18566	1
cg10096145	0.00280728	0.156039	-6.40864	0.108205	2.20495	2.20495	0.323039	1.58496	1.58496	0.834837	1.09878	1.09878	7.44901	24.0169	2.86593	1
cg00381411	0.00137198	0.0413626	-24.1764	0.0284698	5.10291	5.10291	0.0487017	4.05973	4.05973	0.0500349	4.01409	4.01409	7.82509	41.3949	3.52668	1
cg22874893	0.856374	1.0267	1.0267	0.00120175	0.501637	-1.99347	0.066445	0.741325	-1.34894	0.639666	0.93373	-1.07097	5.39004	1.80516	0.297694	1
cg23984769	0.275332	0.888573	-1.1254	0.00164668	0.625585	-1.5985	0.139041	1.18028	1.18028	0.650768	0.953667	-1.04858	3.46777	0.595149	0.152554	1
cg16476639	0.516399	0.924555	-1.0816	0.463034	1.09315	1.09315	0.695337	1.04804	1.04804	0.464385	0.915046	-1.09284	13.6535	3.07368	0.200107	1
cg05236446	0.425662	0.843259	-1.18588	0.251805	0.778108	-1.28517	0.00831539	0.493157	-2.02775	0.0977934	1.46325	1.46325	9.492	6.60231	0.61828	1
cg15827387	0.00272134	0.448519	-2.22956	0.0468355	0.643523	-1.55395	0.0658495	1.49151	1.49151	0.0205797	0.582578	-1.71651	8.20262	4.87429	0.528209	1
cg20034983	0.491677	1.25737	1.25737	0.366371	1.35568	1.35568	0.28812	1.43567	1.43567	0.107712	1.77822	1.77822	7.86698	11.9088	1.51378	1
cg11178371	0.976331	0.998509	-1.00149	0.130508	0.921141	-1.08561	0.0200742	0.868407	-1.15153	0.0330885	0.882203	-1.13353	4.35084	0.174348	0.0356198	1
cg24709703	0.384531	0.860639	-1.16193	0.00110999	0.445364	-2.24536	0.0822923	0.723248	-1.38265	0.817813	1.03961	1.03961	3.74227	1.67937	0.398895	1
cg07303017	0.689557	0.900646	-1.11031	0.238866	0.72508	-1.37916	0.000782841	3.75732	3.75732	0.933081	0.978351	-1.02213	7.1644	7.70647	0.956143	1
cg04261072	0.581899	1.14936	1.14936	0.0015614	0.320483	-3.12029	0.176529	0.697916	-1.43284	0.827983	1.05598	1.05598	4.77299	4.73692	0.882171	1
cg09517628	0.608837	0.941545	-1.06208	0.0291408	0.740797	-1.3499	0.885258	1.01699	1.01699	0.0701704	1.26648	1.26648	4.18431	0.902528	0.191727	1
cg12383823	0.402807	1.22197	1.22197	0.75887	1.07475	1.07475	0.783649	0.937591	-1.06656	0.695815	1.09636	1.09636	3.65361	3.17222	0.771773	1
cg00703542	0.97992	1.00403	1.00403	0.00628764	1.76495	1.76495	0.0543688	1.41685	1.41685	0.969649	0.993946	-1.00609	8.27732	3.33971	0.358646	1
cg17427102	0.749257	0.915421	-1.09239	0.272848	0.730149	-1.36958	0.251371	0.718743	-1.39132	0.125865	1.57842	1.57842	3.66272	4.40553	1.06916	1
cg17430818	0.0668799	0.772058	-1.29524	0.311584	0.876488	-1.14092	0.131519	0.814628	-1.22755	0.208079	1.18192	1.18192	5.99474	1.50565	0.223255	1
cg10000639	0.289275	0.846394	-1.18148	0.0336887	1.45654	1.45654	0.0652977	0.730731	-1.36849	0.469772	1.11795	1.11795	12.591	4.5837	0.323596	1
cg11041966	0.455106	0.908045	-1.10127	3.47E-05	0.36248	-2.75877	0.200636	0.842496	-1.18695	0.00140201	1.79794	1.79794	12.2452	3.11777	0.226321	1
cg12753125	0.32071	1.18823	1.18823	0.00396879	0.521462	-1.91769	0.245739	1.22638	1.22638	0.0583501	0.697976	-1.43271	8.61567	3.85542	0.397768	1
cg02849953	0.0867333	0.588	-1.70068	0.00803893	0.385539	-2.59377	0.117789	0.620787	-1.61086	0.225739	0.699715	-1.42915	6.98235	8.71253	1.10915	1
cg26924747	0.0922174	0.568874	-1.75786	0.0010287	0.227531	-4.39501	0.00760576	0.351809	-2.84245	0.0163283	0.409172	-2.44396	4.94806	7.25951	1.30413	1
cg24107852	0.155922	0.717436	-1.39385	0.699339	0.918612	-1.0886	0.269006	1.28636	1.28636	0.0326703	0.578813	-1.72767	4.73342	3.58712	0.673626	1
cg19243409	0.0199606	0.345347	-2.89564	0.0412422	0.410099	-2.43844	0.92919	0.966914	-1.03422	0.131069	0.539483	-1.85363	3.85106	8.74033	2.01741	1
cg08635249	0.0174966	0.513199	-1.94856	0.0412622	0.58097	-1.72126	0.0598667	1.63189	1.63189	0.24606	0.755918	-1.3229	3.54361	2.986	0.749017	1
cg00023415	5.23E-05	0.278399	-3.59196	0.0783501	1.39194	1.39194	0.413065	1.15201	1.15201	0.00251307	0.491812	-2.0333	45.821	20.7533	0.402597	1
cg05454990	0.352902	1.27665	1.27665	0.66797	0.895606	-1.11656	0.0277469	1.94396	1.94396	0.235033	1.3744	1.3744	8.53144	8.82121	0.91908	1
cg01413299	1.51E-09	0.0155515	-64.3025	0.000278384	2.31988	2.31988	0.923079	1.01376	1.01376	0.895509	0.981578	-1.01877	117.917	37.3967	0.281906	1
cg03381237	9.70E-06	0.499227	-2.0031	0.258521	1.08983	1.08983	0.0214902	1.22328	1.22328	7.38E-05	0.591152	-1.69161	52.18	4.40001	0.0749543	1
cg14615491	0.00359859	0.618546	-1.6167	3.98E-05	2.60445	2.60445	1.70E-05	2.93246	2.93246	0.434645	1.10202	1.10202	49.3441	11.6067	0.209084	1
cg11075176	0.165391	1.16874	1.16874	1.64E-05	2.54723	2.54723	7.54E-06	2.82314	2.82314	0.742276	1.03539	1.03539	24.7196	4.34817	0.156355	1
cg05154019	0.0259919	0.584872	-1.70977	0.000171783	0.273684	-3.65385	0.017988	0.557968	-1.79222	0.648169	1.09774	1.09774	9.03382	5.89462	0.580005	1
cg14928149	0.0295497	0.721129	-1.38671	0.0130766	1.4811	1.4811	0.461541	0.908786	-1.10037	0.477163	0.911897	-1.09661	8.78895	2.26633	0.22921	1
cg00243166	0.0659043	1.56054	1.56054	0.000348364	0.289284	-3.45681	0.0560988	1.59462	1.59462	0.71603	0.924231	-1.08198	7.56245	5.57134	0.654855	1
cg15858747	0.270217	1.54406	1.54406	0.00239214	0.201616	-4.95993	0.00267686	4.81047	4.81047	0.0280606	2.66918	2.66918	7.15958	16.236	2.01576	1
cg25720022	0.54412	1.10432	1.10432	0.153549	0.781168	-1.28013	0.000253151	2.6505	2.6505	0.809853	0.961789	-1.03973	6.4528	2.66953	0.367735	1
cg03133917	0.647044	0.95268	-1.04967	0.732047	1.0368	1.0368	0.814331	1.02505	1.02505	0.0156965	1.3653	1.3653	6.26434	1.09699	0.15566	1
cg14998613	0.721385	0.873654	-1.14462	0.00252974	0.205734	-4.86063	0.0442208	2.39136	2.39136	0.0728538	0.470114	-2.12715	5.31313	11.9733	2.00314	1
cg02175952	0.674911	0.869369	-1.15026	0.00280214	3.92269	3.92269	0.0686374	1.96674	1.96674	0.46729	1.27821	1.27821	4.614	8.04802	1.55045	1
cg01115569	0.156226	0.657669	-1.52052	0.0122722	0.42242	-2.36731	0.905148	1.03348	1.03348	0.332278	0.758561	-1.31829	4.52534	5.47047	1.07454	1
cg11979621	0.216674	0.599603	-1.66777	0.00139968	0.161871	-6.17778	0.394055	1.40985	1.40985	0.326883	1.4892	1.4892	4.35903	10.6877	2.17943	1
cg18440871	0.88396	1.07191	1.07191	0.00302055	6.91023	6.91023	0.0612936	2.72544	2.72544	0.0839585	2.48258	2.48258	4.00081	14.3271	3.18315	1
cg07262012	0.0173811	0.547364	-1.82694	0.124001	1.41425	1.41425	0.302558	1.24884	1.24884	0.399741	0.835798	-1.19646	3.90549	2.67795	0.609501	1
cg26313657	0.145375	1.24778	1.24778	0.00514701	1.68728	1.68728	0.669361	0.940994	-1.06271	0.564707	1.08591	1.08591	3.85828	1.22488	0.282194	1
cg24411299	0.013427	0.548681	-1.82255	0.225478	0.779116	-1.28351	0.172212	0.752083	-1.32964	0.795843	1.05215	1.05215	3.51647	2.14115	0.541239	1
cg17813670	0.0143807	0.197734	-5.05729	0.020947	0.224831	-4.44778	0.849377	1.10753	1.10753	0.0815196	0.354454	-2.82124	5.14636	23.5212	4.06262	1
cg21930061	0.112891	0.700311	-1.42794	0.715043	1.07863	1.07863	0.781066	1.0592	1.0592	0.272178	0.789814	-1.26612	4.57343	2.74398	0.599982	1
cg19213242	0.365003	0.829666	-1.2053	0.0864236	0.68387	-1.46227	0.437444	0.853074	-1.17223	0.155057	0.736922	-1.357	11.4091	7.27221	0.566583	1
cg15636859	0.990465	1.00422	1.00422	0.00194967	0.213549	-4.68277	0.475177	0.774216	-1.29163	0.0337049	0.417271	-2.39653	8.796	17.3004	1.74831	1
cg10198271	0.0405573	0.742674	-1.34649	0.00747407	1.5422	1.5422	0.0117894	0.673258	-1.48531	0.866905	0.979122	-1.02132	7.97507	1.99855	0.222756	1
cg15768226	0.0133447	2.54422	2.54422	0.000141815	7.38649	7.38649	0.0027874	3.51084	3.51084	0.864521	1.0534	1.0534	7.93315	11.6614	1.30662	1
cg26453670	0.537436	1.16231	1.16231	0.511981	0.851971	-1.17375	0.0119234	2.12937	2.12937	0.108949	1.52361	1.52361	6.6451	6.10629	0.816814	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01818579	RBM38;RBM38	0.0122022	0.0109872	0.282587	-3.53873	0.142196	0.535308	-1.86808	0.227827	1.65099	1.65099	0.732619	1.14548	1.14548	0.00173838	0.170554	-5.86324
cg05995220	RBM38;RBM38	0.0127238	0.0345938	1.59758	1.59758	0.0527137	1.52003	1.52003	0.788776	1.05238	1.05238	0.380282	1.18664	1.18664	0.0195931	1.70959	1.70959
cg13187009	RBM38;RBM38	0.0149114	0.469305	1.31323	1.31323	0.433698	1.34405	1.34405	0.236769	0.632035	-1.58219	0.186637	0.595619	-1.67893	0.447644	1.33169	1.33169
cg11310668	RBM38;RBM38	0.0439995	0.0277339	0.643845	-1.55317	0.27926	0.826661	-1.20969	0.643527	1.08205	1.08205	0.151971	0.77127	-1.29656	0.422308	0.870485	-1.14878
cg08906898	RBM39;RBM39	0.000834572	0.0252564	0.590221	-1.69428	0.0242246	1.70309	1.70309	0.096309	1.43604	1.43604	0.559585	0.889649	-1.12404	0.00854934	0.514327	-1.94429
cg03341758	RBM39;RBM39	0.00122662	0.00135933	0.486811	-2.05418	0.655567	1.07197	1.07197	0.096831	1.32599	1.32599	0.00360266	0.543299	-1.84061	0.467565	1.12123	1.12123
cg11772577	RBM39;RBM39	0.00493012	0.162502	0.75135	-1.33094	0.765802	1.05894	1.05894	0.122265	1.37864	1.37864	0.00110499	0.397739	-2.51421	0.00714579	0.51375	-1.94647
cg20046126	RBM39;RBM39	0.00525041	0.929139	0.990636	-1.00945	0.0128778	0.721341	-1.38631	0.421456	1.09075	1.09075	0.205106	1.1519	1.1519	0.00121832	0.606108	-1.64987
cg14433847	RBM39;RBM39	0.0136314	0.00139038	0.648104	-1.54296	0.466224	1.07188	1.07188	0.158941	1.15135	1.15135	0.920386	0.990685	-1.0094	0.504796	0.938611	-1.0654
cg16143910	RBM39;RBM39	0.0259715	0.765616	1.1064	1.1064	0.00489055	3.53055	3.53055	0.0264739	2.43473	2.43473	0.344503	1.39002	1.39002	0.816847	0.924536	-1.08162
cg19439022	RBM39;RBM39	0.044504	0.58071	1.33519	1.33519	0.226651	1.93044	1.93044	0.924374	1.05043	1.05043	0.750329	0.847541	-1.17988	0.554	0.733322	-1.36366
cg22821930	RBM39;RBM39;RBM39;RBM39	0.0165856	0.833455	1.11465	1.11465	0.756486	1.17403	1.17403	0.00126526	0.0599067	-16.6926	0.733305	0.838243	-1.19297	?	?	?
cg08801671	RBM4	0.00084274	0.0576356	0.692315	-1.44443	0.580032	1.10047	1.10047	0.224937	0.80387	-1.24398	0.000890139	0.426323	-2.34564	0.000125687	0.318547	-3.13925
cg18430082	RBM4	0.0120147	0.000789716	0.143909	-6.94881	0.167737	1.69849	1.69849	0.562677	0.811278	-1.23262	0.428875	0.748989	-1.33513	0.00365338	0.229112	-4.36467
cg14916213	RBM4	0.0128551	0.210407	1.16625	1.16625	0.0143333	1.42167	1.42167	0.0103049	1.45744	1.45744	0.475071	1.08832	1.08832	0.480306	0.919794	-1.0872
cg26544559	RBM4	0.0131859	0.371074	1.25512	1.25512	0.0569096	1.70418	1.70418	0.00224814	2.88107	2.88107	0.00275813	2.77803	2.77803	0.504275	0.845647	-1.18253
cg01612449	RBM4	0.013294	0.0214472	0.498499	-2.00602	0.00808662	0.425505	-2.35015	0.769738	0.928721	-1.07675	0.43637	1.22146	1.22146	0.00333782	0.365545	-2.73564
cg13861399	RBM4	0.0142757	0.587818	0.848427	-1.17865	0.383547	1.30785	1.30785	0.288278	1.39254	1.39254	0.167825	1.5551	1.5551	0.0573043	0.524191	-1.9077
cg08442334	RBM4	0.0157654	0.0108308	0.418387	-2.39013	0.0133561	0.434112	-2.30355	0.957078	0.985452	-1.01476	0.230787	0.710146	-1.40816	0.0104439	0.415699	-2.40559
cg13069535	RBM4	0.0439945	0.540535	0.901243	-1.10958	0.555485	1.10526	1.10526	0.00240673	2.03299	2.03299	0.84547	0.967782	-1.03329	0.620612	0.919672	-1.08734
cg17157129	RBM41;RBM41	0.000229598	0.0897355	2.00847	2.00847	0.0102396	0.299176	-3.34251	0.293796	0.666316	-1.50079	0.26382	0.647742	-1.54382	4.50E-05	0.0562062	-17.7916
cg02179029	RBM41;RBM41	0.0039268	0.206696	1.22991	1.22991	0.0700603	0.73	-1.36986	0.000264421	0.394107	-2.53738	0.0481504	0.704028	-1.4204	0.00511059	0.562769	-1.77693
cg05096515	RBM41;RBM41	0.00915923	0.0589503	0.382711	-2.61294	0.0047087	0.184274	-5.42671	0.404481	0.681037	-1.46835	0.349191	1.54342	1.54342	0.0267344	0.306643	-3.26112
cg03273615	RBM41;RBM41	0.0325517	0.0472396	0.313544	-3.18935	0.00208485	0.109372	-9.14313	0.0716733	0.357933	-2.79382	0.727533	0.836367	-1.19565	0.0853527	0.378467	-2.64224
cg04376747	RBM42	3.01E-06	0.0744688	0.715151	-1.39831	7.42E-07	0.105037	-9.52045	0.00022746	0.355702	-2.81134	0.000101128	0.312745	-3.19749	3.75E-06	0.161516	-6.19134
cg17942806	RBM42	2.81E-05	0.668073	1.06616	1.06616	0.774576	0.958254	-1.04356	5.91E-05	0.331551	-3.01612	0.000201424	0.396029	-2.52507	0.60703	1.08009	1.08009
cg22609459	RBM42	5.66E-05	0.0676033	0.590305	-1.69404	0.391749	1.25344	1.25344	0.0992931	1.59223	1.59223	0.345156	1.28442	1.28442	0.000162813	0.190845	-5.23986
cg13321609	RBM42	0.00666756	0.0245684	0.791896	-1.26279	0.79941	0.978058	-1.02243	0.307068	1.09651	1.09651	0.40578	0.92857	-1.07692	0.0260353	1.2588	1.2588
cg03048457	RBM42	0.0196435	0.081341	0.740484	-1.35047	0.0138849	1.6043	1.6043	0.0404187	1.445	1.445	0.599527	1.08588	1.08588	0.287106	1.18754	1.18754
cg25272645	RBM42	0.027713	0.00710929	0.514883	-1.94219	0.16732	0.755024	-1.32446	0.718249	0.933169	-1.07162	0.627096	0.910773	-1.09797	0.00717583	0.515494	-1.93989
cg03591801	RBM42	0.0392682	0.325926	1.19621	1.19621	0.972488	1.00611	1.00611	0.0530701	1.4744	1.4744	0.927661	1.01617	1.01617	0.062588	0.690636	-1.44794
cg00839675	RBM42	0.04724	0.0613761	0.707316	-1.41379	0.0992717	0.743144	-1.34563	0.878861	1.02537	1.02537	0.612684	0.91955	-1.08749	0.0724792	0.719452	-1.38995
cg22109787	RBM43	0.000812455	0.0569736	0.449355	-2.22541	0.000591118	0.139365	-7.17541	0.00164056	0.187405	-5.33604	0.87082	1.0623	1.0623	0.000191885	0.0970125	-10.3079
cg19827627	RBM43	0.00284869	0.0240406	1.50916	1.50916	0.0194178	1.54054	1.54054	0.000192341	0.382809	-2.61227	0.713543	1.058	1.058	0.0712498	0.734848	-1.36082
cg05960677	RBM43	0.0082047	0.0219339	0.170122	-5.87812	0.000888749	0.040449	-24.7225	0.0091279	0.118382	-8.44722	0.0687825	0.269202	-3.71469	0.00981995	0.12209	-8.19065
cg00935895	RBM43	0.0169013	0.161866	0.610369	-1.63835	0.373419	0.739335	-1.35257	0.122826	0.57546	-1.73774	0.482346	0.789776	-1.26618	0.000689582	0.180423	-5.54252
cg19350357	RBM43	0.0341135	0.0522209	0.311079	-3.21462	0.0408746	0.287033	-3.48392	0.0415896	0.288673	-3.46412	0.32332	0.583055	-1.7151	0.00621779	0.151629	-6.59505
cg19793905	RBM43	0.0479986	0.103661	0.384135	-2.60325	0.429753	0.648346	-1.54239	0.00643284	0.148768	-6.72189	0.400412	0.629546	-1.58845	0.00657655	0.149957	-6.66857
cg22883304	RBM44	0.000321325	0.00559929	1.92421	1.92421	0.0103743	1.78755	1.78755	0.000544267	0.38023	-2.62999	0.0197539	1.65952	1.65952	6.50E-05	0.26724	-3.74196
cg21103250	RBM44	0.00405042	0.0308328	1.93505	1.93505	0.000591503	3.98003	3.98003	0.00283024	2.91637	2.91637	0.290631	1.33043	1.33043	0.0261312	1.98787	1.98787
cg02447287	RBM44	0.00423047	0.0348524	1.2627	1.2627	0.0101283	0.735168	-1.36023	0.268487	0.896452	-1.11551	0.233781	1.12568	1.12568	0.0998284	0.842786	-1.18654
cg03761885	RBM44	0.00528763	0.0569344	1.37777	1.37777	0.0158091	1.5524	1.5524	0.810126	0.964829	-1.03645	0.0768341	1.34004	1.34004	0.145046	1.26212	1.26212
cg25365544	RBM44	0.00546813	0.0687241	1.96712	1.96712	0.00361326	3.69911	3.69911	0.0596704	2.02539	2.02539	0.811202	1.08271	1.08271	0.290357	1.43967	1.43967
cg16273152	RBM44	0.0079381	0.0226674	1.73932	1.73932	0.000778748	2.80456	2.80456	0.0898363	1.46129	1.46129	0.933936	0.983322	-1.01696	0.712141	1.07808	1.07808
cg22235072	RBM44	0.0167323	0.343091	0.854137	-1.17077	0.0167504	1.6021	1.6021	0.118125	0.760416	-1.31507	0.54035	0.904784	-1.10524	0.00649212	0.564906	-1.77021
cg03257608	RBM44	0.0186029	0.0556874	1.57666	1.57666	0.833928	0.956868	-1.04508	0.368084	1.21427	1.21427	0.118413	1.42759	1.42759	0.0142643	0.530095	-1.88645
cg04701596	RBM44	0.0206165	0.78553	0.953298	-1.04899	0.0428913	0.664578	-1.50471	0.517101	0.891216	-1.12206	0.798443	0.956122	-1.04589	0.952715	1.01045	1.01045
cg05413258	RBM44	0.045157	0.0744346	3.15218	3.15218	0.00834011	7.01056	7.01056	0.575708	1.38628	1.38628	0.493261	1.49469	1.49469	0.391418	1.66069	1.66069
cg16928994	RBM45	5.10E-06	0.00297292	1.32095	1.32095	0.00799662	1.26125	1.26125	8.19E-06	1.94446	1.94446	2.77E-07	2.81699	2.81699	0.00781377	1.26257	1.26257
cg09132121	RBM45	0.000129618	0.0280517	0.697152	-1.43441	0.124775	0.793707	-1.25991	0.00738108	0.618801	-1.61603	0.000128923	0.396459	-2.52233	1.05E-05	0.269941	-3.70451
cg19432198	RBM45	0.0324539	0.0167385	0.257967	-3.87646	0.185635	0.521426	-1.91782	0.0943016	0.425965	-2.34761	0.231679	1.78968	1.78968	0.0332801	0.315245	-3.17213
cg09757400	RBM45	0.033608	0.038265	0.4536	-2.20458	0.0484881	0.476106	-2.10037	0.149595	0.601306	-1.66305	0.839115	1.06922	1.06922	0.0206276	0.399386	-2.50384
cg24707505	RBM45;RBM45	0.0140956	0.707606	0.925441	-1.08057	0.41187	0.841518	-1.18833	0.0186762	0.556421	-1.7972	0.0395114	1.63183	1.63183	0.119601	0.706593	-1.41524
cg04355617	RBM46	4.41E-06	0.50303	0.960787	-1.04081	0.00106686	0.752302	-1.32925	5.53E-05	0.64305	-1.55509	0.0135645	0.83545	-1.19696	7.83E-08	0.35001	-2.85706
cg08282428	RBM46	0.000482687	0.000412572	3.36056	3.36056	0.0512035	1.61615	1.61615	0.00336922	2.36848	2.36848	0.0530342	1.60855	1.60855	0.320148	1.2487	1.2487
cg22103164	RBM46	0.000826283	0.00489027	2.69226	2.69226	0.00565585	2.62245	2.62245	0.103476	1.60456	1.60456	0.133931	1.53604	1.53604	0.121143	1.56247	1.56247
cg10920378	RBM46	0.00133248	0.144797	1.32301	1.32301	0.333138	1.19534	1.19534	0.0039355	0.49989	-2.00044	7.71E-05	0.27809	-3.59596	0.102916	0.72696	-1.37559
cg26413432	RBM46	0.00221257	0.441763	1.16372	1.16372	0.204358	0.771895	-1.29551	9.04E-05	3.87023	3.87023	0.953105	1.01143	1.01143	0.454983	0.863206	-1.15847
cg06318837	RBM46	0.00483833	0.0892945	0.730526	-1.36888	0.336373	1.18071	1.18071	0.000624516	2.41509	2.41509	0.373564	0.858064	-1.16541	0.0880369	1.37092	1.37092
cg02992596	RBM46	0.00852688	0.00164656	0.29399	-3.40148	0.0169891	0.453482	-2.20516	0.152794	0.659674	-1.5159	0.760412	0.920265	-1.08664	0.441445	1.2377	1.2377
cg19340941	RBM46	0.0103686	0.0288289	2.30693	2.30693	0.0699229	1.92938	1.92938	0.234444	1.49808	1.49808	0.205244	1.54252	1.54252	0.027665	2.32629	2.32629
cg10316270	RBM46	0.0260365	0.308171	0.763039	-1.31055	0.766759	1.07925	1.07925	0.00152613	0.310393	-3.22173	0.351879	0.782203	-1.27844	0.0124303	0.450393	-2.22029
cg00137234	RBM46	0.0371839	0.0749925	2.47414	2.47414	0.0286164	3.25349	3.25349	0.626468	1.25117	1.25117	0.546327	1.3217	1.3217	0.0197896	3.61686	3.61686
cg22496683	RBM46	0.0377921	0.176536	1.59284	1.59284	0.224705	1.51166	1.51166	0.136683	0.59482	-1.68118	0.563914	1.20807	1.20807	0.0510349	2.05458	2.05458
cg23483495	RBM46;RBM46	0.000839267	0.0451414	1.30992	1.30992	0.0153847	1.41808	1.41808	0.962548	0.9945	-1.00553	0.0265226	1.36189	1.36189	0.258087	1.14867	1.14867
cg10459087	RBM47	0.000199328	0.949138	0.991894	-1.00817	0.0029146	1.68519	1.68519	0.00215636	0.577213	-1.73246	0.0193657	0.697137	-1.43444	0.000560784	0.50534	-1.97886
cg03283282	RBM47	0.000444304	0.014203	0.428872	-2.3317	0.00636102	0.37012	-2.70182	0.000135487	0.157396	-6.35342	0.010384	0.405254	-2.46759	0.000216401	0.17777	-5.62525
cg20789700	RBM47	0.00303051	0.00448021	0.515359	-1.94039	0.164138	1.2965	1.2965	0.0024016	0.477239	-2.09539	0.59834	0.91121	-1.09744	0.0140908	0.588587	-1.69899
cg16565913	RBM47	0.00392548	0.0167568	7.95897	7.95897	0.0144632	8.50857	8.50857	0.0464002	5.05784	5.05784	0.222666	2.4855	2.4855	0.014189	8.58306	8.58306
cg03184368	RBM47	0.00673168	0.155142	0.782902	-1.2773	0.718348	1.06	1.06	0.0432272	0.687901	-1.4537	0.224133	0.814286	-1.22807	9.64E-05	0.327591	-3.05259
cg22601421	RBM47	0.0242365	0.0386179	11.6202	11.6202	0.00454445	47.9605	47.9605	0.119205	5.64828	5.64828	0.149472	4.86689	4.86689	0.0447485	10.5805	10.5805
cg20435896	RBM47	0.0247999	0.0802713	1.91097	1.91097	0.139818	1.69934	1.69934	0.335137	1.39338	1.39338	0.966221	1.01423	1.01423	0.0533323	2.08046	2.08046
cg24116072	RBM47	0.0332638	0.366096	1.15467	1.15467	0.382648	1.14873	1.14873	0.00829301	1.6866	1.6866	0.218931	1.2217	1.2217	0.077502	1.35516	1.35516
cg05617027	RBM47;RBM47	2.58E-05	0.296704	0.861367	-1.16095	0.395248	1.1276	1.1276	0.000233523	0.430914	-2.32065	0.986115	1.0024	1.0024	1.22E-06	0.177926	-5.62032
cg20655119	RBM47;RBM47	0.000294414	0.0844525	0.615848	-1.62378	0.00435452	0.380014	-2.63148	0.000278232	0.220795	-4.52908	0.000105233	0.175513	-5.6976	0.000277216	0.220614	-4.5328
cg14090201	RBM47;RBM47	0.000340614	0.00367685	0.44096	-2.26778	0.00112238	0.367811	-2.71879	0.176059	1.34979	1.34979	0.00655295	0.478828	-2.08843	0.425044	0.843781	-1.18514
cg22443651	RBM47;RBM47	0.000360202	0.106673	0.876956	-1.14031	0.0323996	1.20527	1.20527	0.0205364	0.812202	-1.23122	0.0936561	0.871604	-1.14731	0.0258322	0.820984	-1.21805
cg01128511	RBM47;RBM47	0.00155772	0.0470975	0.542464	-1.84344	0.3278	1.31246	1.31246	0.470228	1.21865	1.21865	0.694928	1.11193	1.11193	2.09E-05	0.0992944	-10.0711
cg14160419	RBM47;RBM47	0.00231988	0.181074	0.664562	-1.50475	0.0291759	0.477292	-2.09515	0.0131298	0.412679	-2.42319	0.00150167	0.268054	-3.7306	0.000388957	0.196373	-5.09234
cg18183961	RBM47;RBM47	0.00241765	0.099866	1.32857	1.32857	0.0513724	1.41836	1.41836	0.00730609	1.72461	1.72461	0.231945	0.820759	-1.21838	0.0575997	0.712978	-1.40257
cg09249657	RBM47;RBM47	0.00253248	0.378727	1.13263	1.13263	0.0200203	1.47266	1.47266	0.064764	1.33118	1.33118	0.345201	1.14348	1.14348	0.0248922	0.692007	-1.44507
cg00511464	RBM47;RBM47	0.00562443	0.170661	0.653996	-1.52906	0.0346452	0.48827	-2.04805	0.105483	0.59764	-1.67325	0.00199861	0.280877	-3.56028	0.00059389	0.213668	-4.68016
cg25117091	RBM47;RBM47	0.00953502	0.12005	0.645836	-1.54838	0.101955	0.628708	-1.59056	0.0137109	0.45378	-2.20371	0.00283153	0.344455	-2.90314	0.00228439	0.330945	-3.02165
cg17021988	RBM47;RBM47	0.0354435	0.103618	0.731063	-1.36787	0.691181	0.932138	-1.0728	0.404302	0.860549	-1.16205	0.0198626	0.609661	-1.64026	0.031962	0.64254	-1.55632
cg00011460	RBM47;RBM47	0.0358069	0.231107	1.25562	1.25562	0.154555	1.31803	1.31803	0.0554185	1.48208	1.48208	0.734208	1.0637	1.0637	0.704731	0.933336	-1.07143
cg15967525	RBM47;RBM47;RBM47	0.000136555	0.0043779	0.421834	-2.3706	0.00105332	0.333193	-3.00126	0.000585889	0.299654	-3.33718	0.0162967	0.513669	-1.94678	5.68E-06	0.0983466	-10.1681
cg01463819	RBM4B	1.55E-05	0.00273638	1.49615	1.49615	0.000391382	1.73421	1.73421	4.98E-07	3.93618	3.93618	0.000199213	1.83796	1.83796	0.0173554	1.32613	1.32613
cg22182781	RBM4B	0.0024106	0.120024	1.54983	1.54983	0.225029	0.718174	-1.39242	0.0114243	0.439397	-2.27585	0.34032	1.29083	1.29083	0.000782349	0.267232	-3.74206
cg02967969	RBM4B	0.00270173	0.0134919	0.262254	-3.8131	0.218883	0.567823	-1.76111	0.376357	0.67212	-1.48783	0.269377	0.604466	-1.65435	0.000237485	0.0696272	-14.3622
cg12999098	RBM4B	0.00515987	0.00333934	0.218184	-4.58328	0.0020036	0.189722	-5.27087	0.0599919	0.445411	-2.24512	0.0857153	0.484853	-2.06248	0.00169019	0.180853	-5.52935
cg22664400	RBM4B	0.0135421	0.0133005	0.299998	-3.33336	0.00583943	4.12345	4.12345	0.0258643	2.82478	2.82478	0.0425719	2.50052	2.50052	0.548785	1.26888	1.26888
cg23794753	RBM4B	0.0248319	0.263617	0.873284	-1.1451	0.686765	0.953959	-1.04826	0.0379559	1.32284	1.32284	0.0328802	1.33665	1.33665	0.0799247	0.797777	-1.25348
cg12032489	RBM4B	0.0329359	0.0207074	0.184925	-5.40761	0.26008	0.490744	-2.03772	0.136992	0.378839	-2.63965	0.304939	1.90358	1.90358	0.00817327	0.128615	-7.77513
cg11291978	RBM4B	0.0343192	0.11408	0.717979	-1.3928	0.906689	1.02286	1.02286	0.961322	1.00939	1.00939	0.920652	0.980979	-1.01939	0.182854	0.761514	-1.31317
cg27353979	RBM4B	0.0399	0.0075642	0.601497	-1.66252	0.297326	1.17333	1.17333	0.491524	0.901797	-1.1089	0.701585	1.05861	1.05861	0.597554	1.08201	1.08201
cg23051703	RBM5	2.48E-06	2.25E-06	0.353952	-2.82524	0.00568627	1.38544	1.38544	0.359863	0.918869	-1.08829	0.407814	0.926723	-1.07907	1.29E-07	0.222236	-4.49973
cg27282641	RBM5	0.000519992	0.698572	0.906411	-1.10325	0.32201	1.29478	1.29478	0.851899	0.953903	-1.04832	0.0970632	1.58386	1.58386	9.45E-05	0.172594	-5.79393
cg14634738	RBM5	0.000563171	0.0132013	0.58466	-1.7104	0.000378255	0.370698	-2.69762	0.0119872	0.578338	-1.72909	0.401279	0.86063	-1.16194	0.0194763	0.610551	-1.63787
cg21622002	RBM5	0.00115015	0.00399665	0.600767	-1.66454	0.28581	1.1572	1.1572	0.904052	1.01601	1.01601	?	?	?	6.52E-05	0.38074	-2.62646
cg16165370	RBM5	0.0019634	0.138457	0.671618	-1.48894	0.0669568	1.66947	1.66947	0.0946572	0.632266	-1.58161	0.284054	0.757492	-1.32015	0.000771696	0.280696	-3.56257
cg12905688	RBM5	0.00203924	0.472902	0.912103	-1.09637	0.00218558	0.581826	-1.71873	0.0495411	0.75398	-1.3263	0.542334	1.08083	1.08083	0.228562	1.17264	1.17264
cg26343910	RBM5	0.00363549	0.0312495	0.471796	-2.11956	0.00316248	0.301604	-3.3156	0.0793609	0.560532	-1.78402	0.919672	0.970462	-1.03044	0.00141406	0.253263	-3.94846
cg07889826	RBM5	0.00942256	0.0880855	0.817892	-1.22265	0.125109	0.837525	-1.19399	0.740998	0.965193	-1.03606	0.799139	1.02761	1.02761	0.752118	0.966724	-1.03442
cg21837569	RBM5	0.00961428	0.00916172	0.168792	-5.92446	0.00826176	0.162727	-6.14527	0.0411805	0.281874	-3.54768	0.900776	1.06935	1.06935	0.00553284	0.140879	-7.09828
cg18475728	RBM5	0.0297501	0.898501	0.967119	-1.034	0.00211695	3.10192	3.10192	0.857849	0.954113	-1.04809	0.886621	0.963312	-1.03809	0.0772194	0.597668	-1.67317
cg05623727	RBM5	0.0474461	0.089748	0.449313	-2.22562	0.745043	1.14977	1.14977	0.0591498	0.401981	-2.48768	0.766233	0.88027	-1.13601	0.0193931	0.298461	-3.35052
cg12444340	RBM5;RBM5	0.0135113	0.0824154	1.24172	1.24172	0.00552801	0.663431	-1.50732	0.659058	0.951261	-1.05124	0.312251	1.12483	1.12483	0.629669	1.0562	1.0562
cg12257692	RBM6;RBM6	3.82E-05	0.00164174	0.584085	-1.71208	0.000265889	2.0424	2.0424	0.216286	1.16788	1.16788	0.05552	1.2954	1.2954	1.78E-05	0.351356	-2.84612
cg09712216	RBM6;RBM6	0.00452531	0.196284	1.99858	1.99858	0.0901784	0.385746	-2.59238	?	?	?	0.797047	0.878514	-1.13829	0.056004	0.329862	-3.03157
ch.3.1075622R	RBM6;RBM6	0.00538304	0.000227007	0.2817	-3.54988	0.246171	1.28493	1.28493	0.00352991	0.441482	-2.2651	0.505907	1.14973	1.14973	0.339025	0.815696	-1.22595
cg04436474	RBM6;RBM6	0.0214857	0.61236	0.946517	-1.05651	0.00170469	1.61923	1.61923	0.0801919	1.23219	1.23219	0.726667	1.03847	1.03847	0.261171	1.13434	1.13434
cg05654648	RBM6;RBM6	0.0228344	0.188321	1.23965	1.23965	0.000990821	2.12577	2.12577	0.012711	1.61158	1.61158	0.642047	0.930397	-1.07481	0.724592	1.05603	1.05603
cg05635617	RBM6;RBM6	0.03985	0.0174388	0.464651	-2.15215	0.173594	1.4673	1.4673	0.259445	1.36555	1.36555	0.0401877	0.533742	-1.87357	0.178149	0.684614	-1.46068
cg04485516	RBM6;RBM6	0.0414306	0.102735	0.769789	-1.29906	0.59862	0.925108	-1.08096	0.410793	0.884033	-1.13118	0.325118	1.16057	1.16057	0.0015667	0.513852	-1.94609
cg26831488	RBM7;C11orf71	0.0184877	0.226017	0.905137	-1.10481	0.012201	0.782836	-1.27741	0.0243501	0.810282	-1.23414	0.551858	0.953907	-1.04832	0.0317689	0.82092	-1.21815
cg22672359	RBM8A	1.75E-06	1.06E-06	0.476068	-2.10054	0.000248948	1.42149	1.42149	0.687258	1.02382	1.02382	1.41E-07	0.382004	-2.61777	0.000471095	0.726432	-1.37659
cg15925571	RBM8A	0.00093059	0.597601	0.936191	-1.06816	0.000659146	1.90757	1.90757	0.00164114	1.7473	1.7473	0.468549	1.09558	1.09558	0.00209281	0.585164	-1.70892
cg12418985	RBM8A	0.00479091	0.325813	1.21836	1.21836	0.0421181	1.5775	1.5775	0.000302945	0.318798	-3.13678	0.00359174	0.464113	-2.15465	0.341506	1.21022	1.21022
cg00030816	RBM8A	0.0121981	0.885791	1.01481	1.01481	0.0298296	1.2988	1.2988	0.0162406	1.3507	1.3507	0.321332	0.900516	-1.11047	0.0254377	0.762134	-1.3121
cg14530445	RBM8A	0.0439194	0.101488	0.702416	-1.42366	0.0181222	1.76007	1.76007	0.357216	1.20507	1.20507	0.0606561	0.659238	-1.5169	0.0146672	0.55327	-1.80744
cg05660005	RBM8A;RBM8A	9.26E-06	0.181936	0.873179	-1.14524	1.13E-05	0.409359	-2.44284	0.00727837	0.717968	-1.39282	0.0102846	0.733789	-1.36279	1.57E-07	0.209754	-4.7675
cg00986445	RBM8A;RBM8A	0.000170206	0.160474	0.849455	-1.17723	0.00122402	0.597653	-1.67321	0.0242146	0.74647	-1.33964	0.00182686	0.617561	-1.61927	4.79E-06	0.320322	-3.12186
cg11868916	RBM9;RBM9	0.00616794	?	?	?	0.360561	0.874724	-1.14322	0.935826	0.988598	-1.01153	0.22275	0.833229	-1.20015	0.00124999	0.511055	-1.95674
cg16324876	RBM9;RBM9;RBM9;RBM9	0.000579583	1.86E-05	0.405558	-2.46574	0.964026	1.00468	1.00468	0.434308	1.08606	1.08606	0.504628	0.932335	-1.07258	0.572675	1.06076	1.06076
cg25564144	RBM9;RBM9;RBM9;RBM9;RBM9;RBM9	0.00217982	0.326523	0.8555	-1.16891	0.00049648	0.431807	-2.31585	0.0643797	0.72603	-1.37735	0.00129631	2.05861	2.05861	0.12107	0.771819	-1.29564
cg15352367	RBM9;RBM9;RBM9;RBM9;RBM9;RBM9	0.0353771	0.0227481	0.235258	-4.25066	0.120614	0.409185	-2.44388	0.641029	0.779381	-1.28307	0.0575132	0.319743	-3.12751	0.0175091	0.215478	-4.64085
cg06552366	RBMS1;RBMS1	3.39E-07	0.0598188	0.865321	-1.15564	0.538395	0.958456	-1.04334	0.0508337	1.16363	1.16363	0.0100861	0.801605	-1.2475	0.10063	0.884709	-1.13031
cg08127080	RBMS1;RBMS1	1.32E-06	0.00172537	0.659156	-1.51709	0.00209994	0.668105	-1.49677	0.99418	1.00068	1.00068	2.95E-05	0.46632	-2.14445	1.45E-08	0.127429	-7.84754
cg27304516	RBMS1;RBMS1	0.000413849	0.239389	0.902572	-1.10795	0.0438826	1.21252	1.21252	0.0208581	0.793448	-1.26032	0.594309	0.956259	-1.04574	0.00562484	1.3531	1.3531
cg17319011	RBMS1;RBMS1	0.000791487	0.582537	1.07261	1.07261	6.50E-05	0.396094	-2.52465	0.000191459	0.452274	-2.21105	0.453842	0.90815	-1.10114	0.707663	1.04872	1.04872
cg07053546	RBMS1;RBMS1	0.00390825	0.0142535	0.36308	-2.75422	0.0377816	0.446007	-2.24212	0.0949752	0.540668	-1.84957	0.0054083	0.293155	-3.41116	0.00365427	0.267799	-3.73415
cg13289463	RBMS1;RBMS1	0.00407074	0.0384539	0.615777	-1.62396	0.71445	1.07713	1.07713	0.221172	0.771036	-1.29696	7.77E-05	0.235465	-4.24691	0.055486	0.644794	-1.55088
cg17327171	RBMS1;RBMS1	0.00449721	0.0214606	0.459217	-2.17762	0.890598	0.961977	-1.03953	0.00522562	0.354217	-2.82313	0.000376674	0.201697	-4.95793	0.406418	0.78723	-1.27028
cg23032416	RBMS1;RBMS1	0.00451064	0.00818143	0.634455	-1.57616	0.851527	1.02551	1.02551	0.019118	1.46418	1.46418	0.00167571	0.546566	-1.82961	0.0395926	0.72615	-1.37713
cg20385461	RBMS1;RBMS1	0.00467879	0.110513	1.56735	1.56735	0.458792	1.21522	1.21522	0.0812931	0.60692	-1.64766	0.00113222	0.290037	-3.44784	0.012903	0.450381	-2.22034
cg03578331	RBMS1;RBMS1	0.00498671	0.193281	0.65353	-1.53015	0.48349	0.802493	-1.24612	0.720229	0.894828	-1.11753	0.508292	0.812732	-1.23042	0.0355933	0.469613	-2.12941
cg05135521	RBMS1;RBMS1	0.0101002	0.882038	0.963351	-1.03804	0.132169	0.66458	-1.50471	0.70425	0.908556	-1.10065	0.00266599	0.351836	-2.84223	0.0226019	0.503311	-1.98684
cg25096700	RBMS1;RBMS1	0.0136775	0.00425558	0.636635	-1.57076	0.0899874	0.802038	-1.24682	0.115921	1.22349	1.22349	0.308562	0.883021	-1.13248	0.0820774	0.796595	-1.25534
cg14032077	RBMS1;RBMS1	0.0162189	0.0271818	1.43189	1.43189	0.00469825	0.596957	-1.67516	0.0218098	0.685245	-1.45933	0.0328524	0.709815	-1.40882	0.516118	0.91356	-1.09462
cg00335252	RBMS1;RBMS1	0.0184383	0.35785	0.788572	-1.26812	0.065907	1.67924	1.67924	0.0498627	0.570128	-1.75399	0.0276691	0.519973	-1.92318	0.0178831	0.48528	-2.06066

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01818579	0.130746	0.523974	-1.90849	0.0136107	0.298501	-3.35007	0.0223842	0.338324	-2.95574	0.0508114	0.41426	-2.41394	5.54334	13.7717	2.20833	1
cg05995220	0.103078	1.40361	1.40361	0.000631427	2.71471	2.71471	0.00688529	1.9449	1.9449	0.0912437	1.42428	1.42428	5.46833	3.13099	0.508949	1
cg13187009	0.102275	1.93837	1.93837	0.00120202	5.7886	5.7886	0.0104699	3.29578	3.29578	0.206514	0.610704	-1.63746	5.19086	11.2627	1.92864	1
cg11310668	0.464107	1.13439	1.13439	0.00838248	0.56556	-1.76816	0.00801311	0.562717	-1.77709	0.899754	0.978899	-1.02156	3.55528	1.61245	0.403144	1
cg08906898	0.0121193	0.538065	-1.85851	4.85E-05	0.219981	-4.54584	0.0781134	1.47392	1.47392	0.535056	0.882942	-1.13258	12.3837	7.7032	0.552929	1
cg03341758	8.18E-05	0.333132	-3.00181	0.107227	0.761715	-1.31283	0.429036	1.13312	1.13312	0.354815	0.862986	-1.15877	11.102	4.21373	0.337375	1
cg11772577	0.716142	1.07252	1.07252	0.000892206	0.385216	-2.59594	0.862302	0.967264	-1.03384	0.751113	0.940817	-1.06291	7.37018	4.29073	0.517489	1
cg20046126	0.0168318	1.3614	1.3614	0.0376412	0.774865	-1.29055	0.0408957	1.28353	1.28353	0.217787	0.871851	-1.14698	7.22977	1.28108	0.157507	1
cg14433847	0.00378207	0.69368	-1.44159	0.488885	0.936304	-1.06803	0.230619	0.888943	-1.12493	0.197291	1.13608	1.13608	5.34651	0.742001	0.123362	1
cg16143910	0.928639	1.03076	1.03076	0.0108084	0.338647	-2.95293	0.137625	1.71733	1.71733	0.838129	1.07163	1.07163	4.29972	7.78968	1.61037	1
cg19439022	0.709841	1.21368	1.21368	0.00340219	7.86829	7.86829	0.0130751	4.92852	4.92852	0.0411078	3.39094	3.39094	3.54017	15.0532	3.77964	1
cg22821930	0.0377029	0.269037	-3.71696	?	?	?	0.604981	1.30955	1.30955	0.0219465	0.21932	-4.55955	6.74909	21.0169	2.66917	1
cg08801671	0.000129047	0.31993	-3.12568	0.473267	0.882551	-1.13308	0.0767235	0.713768	-1.40102	0.732067	1.06063	1.06063	12.3497	5.73837	0.413028	1
cg18430082	0.675739	0.860531	-1.16207	0.612794	1.19997	1.19997	0.966461	1.01511	1.01511	0.369044	1.39162	1.39162	6.29922	12.4301	1.53477	1
cg14916213	0.313964	1.12902	1.12902	0.0732508	0.792336	-1.26209	0.323261	1.12624	1.12624	0.00141047	1.71364	1.71364	5.45006	1.17205	0.191158	1
cg26544559	0.692168	1.10346	1.10346	0.0925709	0.632582	-1.58082	0.712827	0.912596	-1.09577	0.165082	1.44248	1.44248	5.405	5.23981	0.861722	1
cg01612449	0.0900421	0.624562	-1.60112	0.00369157	0.372103	-2.68743	0.0628377	0.59019	-1.69437	0.391004	0.801376	-1.24785	5.39059	5.41871	0.893525	1
cg13861399	0.00901777	0.36892	-2.71062	0.00202154	0.270378	-3.69853	0.635511	0.866394	-1.15421	0.0334949	0.474199	-2.10882	5.266	7.52443	1.27011	1
cg08442334	0.0314929	0.50317	-1.9874	0.00372117	0.344066	-2.90642	0.0150115	0.443061	-2.25703	0.0756307	0.583643	-1.71338	5.09595	5.98354	1.04371	1
cg13069535	0.461874	1.13394	1.13394	0.0377658	0.667407	-1.49834	0.361462	0.854333	-1.1705	0.305678	1.19483	1.19483	3.55543	1.586	0.396513	1
cg17157129	0.0041257	0.238317	-4.19609	0.000491243	0.130633	-7.65506	0.000128709	0.0836145	-11.9597	0.000539825	0.134503	-7.4348	17.6954	38.9548	1.95681	1
cg02179029	0.30164	0.846802	-1.18091	0.0842623	1.34553	1.34553	0.670834	1.06869	1.06869	0.0547859	0.712852	-1.40281	7.89631	3.01961	0.339918	1
cg05096515	0.000565352	0.0901638	-11.0909	0.969883	0.983141	-1.01715	0.859336	1.08316	1.08316	0.690189	1.19774	1.19774	6.07843	19.5239	2.8551	1
cg03273615	0.0819634	0.373591	-2.67672	0.0268282	0.261897	-3.8183	0.0260189	0.259342	-3.85591	0.186458	0.488952	-2.04519	3.9695	16.4071	3.67404	1
cg04376747	6.04E-06	0.180631	-5.53613	1.77E-06	0.133797	-7.47402	1.52E-05	0.220453	-4.53611	0.000631257	0.412239	-2.42578	55.3101	24.9318	0.400679	1
cg17942806	3.43E-05	0.304059	-3.28884	3.59E-06	0.199159	-5.02112	0.0189323	1.52509	1.52509	0.236367	0.831722	-1.20232	30.9744	10.8186	0.310467	1
cg22609459	0.949599	1.01641	1.01641	1.20E-06	0.0395244	-25.3008	0.504666	0.840059	-1.19039	0.0051525	0.386355	-2.58829	25.7661	27.0444	0.932987	1
cg13321609	0.0999494	1.17008	1.17008	0.000759068	0.641006	-1.56005	0.0193274	0.781533	-1.27954	0.825478	0.980941	-1.01943	6.71608	0.807559	0.106882	1
cg03048457	0.0108834	0.608261	-1.64403	0.815001	1.03712	1.03712	0.0467366	0.701819	-1.42487	0.487822	1.11584	1.11584	4.73338	1.81282	0.340432	1
cg25272645	0.0499408	0.65258	-1.53238	0.724387	1.06992	1.06992	0.359446	1.19707	1.19707	0.100934	1.4091	1.4091	4.203	2.42594	0.513061	1
cg03591801	0.0231848	1.61514	1.61514	0.0760354	0.705591	-1.41725	0.0267626	1.58965	1.58965	0.208183	1.26413	1.26413	3.70824	1.83233	0.439222	1
cg00839675	0.00545766	0.548546	-1.823	0.0246172	0.644208	-1.55229	0.0972423	0.741555	-1.34852	0.403032	1.15096	1.15096	3.46176	1.47985	0.379986	1
cg22109787	0.0121535	0.313255	-3.19229	0.000441469	0.127358	-7.85188	0.973309	0.987651	-1.0125	0.0056063	0.259076	-3.85987	12.4777	27.2561	1.94168	1
cg19827627	0.201778	1.22889	1.22889	0.0421529	1.43043	1.43043	0.871621	0.975573	-1.02504	0.833608	1.03269	1.03269	8.6905	3.21824	0.329171	1
cg05960677	0.150368	0.370362	-2.70006	0.0051232	0.09231	-10.8331	0.0371088	0.210268	-4.75584	0.0211195	0.167528	-5.96914	6.29387	41.3787	5.84396	1
cg00935895	0.529707	0.810236	-1.23421	0.051353	0.480341	-2.08186	0.886611	0.953936	-1.04829	0.00388506	0.276592	-3.61544	4.97916	8.61495	1.53796	1
cg19350357	0.0834785	0.363066	-2.75432	0.00647724	0.153846	-6.49999	0.0449912	0.296225	-3.37582	0.117918	0.40743	-2.45441	3.90315	17.2881	3.93714	1
cg19793905	0.232178	0.509855	-1.96134	0.0261487	0.242048	-4.13141	0.309344	0.568016	-1.76051	0.890574	1.07681	1.07681	3.44101	15.7516	4.069	1
cg22883304	0.243915	0.803031	-1.24528	0.680097	1.07745	1.07745	0.0612401	1.46153	1.46153	0.103713	0.726041	-1.37733	16.1436	8.27738	0.455765	1
cg21103250	0.668213	1.11879	1.11879	0.000583948	3.99096	3.99096	0.338275	1.29302	1.29302	0.269913	1.34862	1.34862	7.82289	8.3971	0.954135	1
cg02447287	0.703424	0.964373	-1.03694	0.000332096	1.73215	1.73215	0.364655	1.09237	1.09237	0.201214	0.879837	-1.13657	7.72081	1.09994	0.126634	1
cg03761885	0.0199006	1.51902	1.51902	0.00015992	2.61048	2.61048	0.0640309	1.36289	1.36289	0.00963155	1.6281	1.6281	7.21415	2.52812	0.311502	1
cg25365544	0.424057	1.31144	1.31144	0.00269134	3.96407	3.96407	0.000994348	5.07396	5.07396	0.00242772	4.06278	4.06278	7.14028	12.4714	1.55256	1
cg16273152	0.0839825	1.47387	1.47387	0.000992785	2.69766	2.69766	0.0790601	1.48522	1.48522	0.809951	1.05009	1.05009	6.35967	4.14514	0.579364	1
cg22235072	0.814617	1.03864	1.03864	0.00791754	1.73282	1.73282	0.314302	0.845375	-1.18291	0.666113	0.932324	-1.07259	4.99591	2.0617	0.366824	1
cg03257608	0.436955	1.18119	1.18119	0.0019849	2.50238	2.50238	0.107871	1.44546	1.44546	0.238012	1.29635	1.29635	4.82132	3.36733	0.620822	1
cg04701596	0.344705	1.18608	1.18608	0.00241775	2.09744	2.09744	0.922971	1.0171	1.0171	0.00962699	0.562926	-1.77643	4.65621	2.26731	0.432839	1
cg05413258	0.198885	2.19065	2.19065	0.00691314	7.53364	7.53364	0.0418702	3.87567	3.87567	0.0253061	4.6464	4.6464	3.52093	18.6067	4.69742	1
cg16928994	5.27E-05	1.67503	1.67503	0.0036274	0.764311	-1.30837	4.89E-05	1.68395	1.68395	0.235302	1.08865	1.08865	48.299	3.56666	0.0656403	1
cg09132121	0.415246	0.890673	-1.12275	0.00221726	1.81491	1.81491	0.0951885	1.29034	1.29034	0.680009	0.943969	-1.05936	20.653	6.32272	0.272126	1
cg19432198	0.0313288	0.309784	-3.22806	0.0183234	0.264939	-3.77446	0.774889	0.875432	-1.14229	0.0194923	0.269797	-3.70649	3.97378	13.5483	3.03061	1
cg09757400	0.365067	0.736092	-1.35853	0.00484203	0.292243	-3.42181	0.0632402	0.502689	-1.9893	0.0165477	0.381432	-2.6217	3.9242	6.73645	1.5259	1
cg24707505	0.0213764	0.566272	-1.76593	0.028178	0.58683	-1.70407	0.0023541	0.41783	-2.39332	0.821491	0.95459	-1.04757	5.28805	3.54182	0.595358	1
cg04355617	0.184839	1.08629	1.08629	0.0468282	1.14332	1.14332	0.0203099	0.848186	-1.17899	0.000101673	0.666846	-1.4996	50.1377	2.75058	0.0487649	1
cg08282428	0.097326	1.48198	1.48198	9.98E-06	7.77255	7.77255	0.0159934	1.89205	1.89205	0.0573192	1.59185	1.59185	14.4308	10.684	0.658098	1
cg22103164	0.209888	1.42033	1.42033	1.33E-05	11.2855	11.2855	0.00425121	2.76194	2.76194	0.0260192	2.01676	2.01676	12.4185	13.8676	0.99261	1
cg10920378	0.0105408	0.562641	-1.77733	0.117272	0.737802	-1.35538	0.0382127	1.5362	1.5362	0.281728	0.818778	-1.22133	10.8422	5.48521	0.449702	1
cg26413432	0.491175	0.87357	-1.14473	0.00137636	2.4524	2.4524	0.250672	1.26115	1.26115	0.0421337	1.57237	1.57237	9.36167	5.54005	0.526027	1
cg06318837	0.382944	0.860758	-1.16177	0.00102077	2.26183	2.26183	0.995865	0.999132	-1.00087	0.893876	0.977881	-1.02262	7.41253	3.2971	0.395379	1
cg02992596	0.70559	1.10862	1.10862	0.0372065	1.92918	1.92918	0.0204834	2.13528	2.13528	0.201392	1.44275	1.44275	6.21781	7.26844	1.03909	1
cg19340941	0.0804522	1.87535	1.87535	0.000631143	5.49288	5.49288	0.00331735	3.65766	3.65766	0.0222693	2.43129	2.43129	5.8425	9.73123	1.48053	1
cg10316270	0.390882	1.25284	1.25284	0.687864	1.1091	1.1091	0.279599	1.33403	1.33403	0.2179	0.717251	-1.39421	4.29596	4.47281	0.925481	1
cg00137234	0.656189	1.22716	1.22716	0.00192375	7.43347	7.43347	0.0746283	2.47758	2.47758	0.334336	1.576	1.576	3.78302	12.5051	2.9383	1
cg22496683	0.185274	1.57644	1.57644	0.00152678	4.38567	4.38567	0.239063	1.49108	1.49108	0.640559	1.16459	1.16459	3.76067	6.25296	1.47798	1
cg23483495	0.00139642	1.7225	1.7225	1.78E-05	2.80073	2.80073	0.0298933	1.34998	1.34998	0.00796937	1.49107	1.49107	12.3641	2.70126	0.194201	1
cg10459087	0.670426	0.946849	-1.05613	7.77E-05	0.401521	-2.49053	0.00351016	1.65721	1.65721	0.00383977	0.608267	-1.64402	18.388	4.74046	0.229158	1
cg03283282	0.294854	1.35531	1.35531	0.00226143	0.302485	-3.30595	0.248603	1.40145	1.40145	0.000708771	0.236047	-4.23644	14.7657	18.3147	1.10254	1
cg20789700	0.00996579	0.565958	-1.76692	0.000798464	0.412437	-2.42461	0.243929	1.23768	1.23768	0.0908759	0.721957	-1.38512	8.53247	4.13438	0.430708	1
cg16565913	0.0109124	9.68133	9.68133	0.000216416	80.249	80.249	0.00252838	19.657	19.657	0.0419481	5.28804	5.28804	7.8971	63.1351	7.10642	1
cg03184368	0.993576	1.0013	1.0013	0.115109	0.759105	-1.31734	0.0581777	0.708621	-1.41119	0.489995	0.89332	-1.11942	6.69612	2.74477	0.364359	1
cg22601421	0.0375686	11.8258	11.8258	0.00791909	32.6857	32.6857	0.0152721	21.1132	21.1132	0.0371029	11.9201	11.9201	4.40441	73.1294	14.7588	1
cg20435896	0.0369598	2.2448	2.2448	0.00181721	4.39073	4.39073	0.00622624	3.28766	3.28766	0.643769	1.16815	1.16815	4.36942	7.70852	1.56817	1
cg24116072	0.0625576	0.722819	-1.38347	0.0220963	0.653736	-1.52967	0.844882	0.970118	-1.0308	0.878875	0.976658	-1.0239	3.93876	1.4963	0.337681	1
cg05617027	0.0105814	0.641789	-1.55814	7.51E-06	0.256934	-3.89204	0.224129	0.838497	-1.19261	0.335541	0.871992	-1.1468	31.68	9.54574	0.267837	1
cg20655119	0.00769529	0.419039	-2.38641	7.42E-05	0.160625	-6.22567	0.62683	0.882988	-1.13252	0.017249	0.478619	-2.08934	16.535	16.8934	0.908159	1
cg14090201	0.000548078	0.326471	-3.06306	4.23E-05	0.197135	-5.07266	0.137342	1.39608	1.39608	0.00305106	0.42906	-2.33068	15.8874	10.9402	0.612095	1
cg22443651	0.0236752	1.22303	1.22303	2.81E-05	1.84816	1.84816	0.00158792	1.40199	1.40199	0.248722	1.09403	1.09403	15.6452	1.37664	0.0782145	1
cg01128511	0.698952	1.11028	1.11028	0.896721	1.03558	1.03558	0.15382	0.662977	-1.50835	0.0993144	0.614881	-1.62633	10.3662	11.8961	1.02008	1
cg14160419	0.105109	0.600734	-1.66463	0.00184753	0.28023	-3.56849	0.483413	1.22748	1.22748	0.00341399	0.318234	-3.14234	9.23266	12.1092	1.16584	1
cg18183961	0.00251737	0.516338	-1.93672	0.0117419	1.64206	1.64206	0.00230007	1.95671	1.95671	0.735508	0.947981	-1.05487	9.12145	3.58621	0.349478	1
cg09249657	0.00391869	0.585422	-1.70817	0.00075311	2.02332	2.02332	0.0771025	1.31136	1.31136	0.0191769	1.4782	1.4782	8.99779	2.71028	0.267748	1
cg00511464	0.025031	0.460248	-2.17274	0.0174016	0.430516	-2.32279	0.499787	1.22064	1.22064	0.012303	0.403573	-2.47786	7.07873	9.49746	1.19261	1
cg25117091	0.00990666	0.429681	-2.32731	0.0370928	0.533909	-1.87298	0.504997	0.839145	-1.19169	0.00664046	0.401203	-2.4925	6.00115	6.38802	0.946191	1
cg17021988	0.249122	0.808961	-1.23615	0.0263058	1.59002	1.59002	0.0763653	1.4148	1.4148	0.475606	0.880139	-1.13618	3.84954	1.88847	0.436064	1
cg00011460	0.840106	0.964054	-1.03729	0.0469522	1.50999	1.50999	0.00149775	2.29198	2.29198	0.445084	0.868431	-1.1515	3.83532	1.9947	0.4623	1
cg15967525	0.0304828	0.561742	-1.78018	8.75E-05	0.202857	-4.92958	0.11423	0.677287	-1.47648	0.00253318	0.386562	-2.58691	20.3655	16.5911	0.724148	1
cg01463819	4.86E-05	2.10483	2.10483	0.10411	1.189	1.189	2.81E-05	2.23149	2.23149	0.236681	1.12839	1.12839	36.2194	5.44474	0.133624	1
cg22182781	0.0198143	0.481507	-2.07681	0.000374417	0.228118	-4.38369	0.579521	1.1565	1.1565	0.13954	0.661628	-1.51142	9.12928	9.75782	0.950088	1
cg02967969	0.99503	1.00273	1.00273	0.000413651	0.0860652	-11.6191	0.674314	1.2032	1.2032	0.0142043	0.266073	-3.75836	8.82773	26.7808	2.69663	1
cg12999098	0.0125972	0.306527	-3.26236	0.00336289	0.218596	-4.57465	0.0171656	0.330569	-3.02509	0.0417047	0.408678	-2.44692	7.26836	16.7232	2.04517	1
cg22664400	0.155182	0.550414	-1.81681	0.447166	0.737781	-1.35542	0.677898	0.848791	-1.17815	0.134223	0.530511	-1.88497	5.35805	13.0742	2.16899	1
cg23794753	0.044984	0.765285	-1.3067	0.0114711	1.44449	1.44449	0.407199	0.906122	-1.1036	0.958349	0.993946	-1.00609	4.36747	0.93513	0.190322	1
cg12032489	0.919144	0.940328	-1.06346	0.0111072	0.145263	-6.88406	0.707021	1.25709	1.25709	0.0518499	0.261672	-3.82157	3.95281	22.9863	5.16905	1
cg11291978	0.677037	1.08408	1.08408	0.000591695	0.359651	-2.78047	0.325615	0.822314	-1.21608	0.735875	0.936827	-1.06743	3.89469	2.29159	0.523013	1
cg27353979	0.788319	0.960969	-1.04062	0.43053	1.12641	1.12641	0.177595	1.23611	1.23611	0.00726851	1.66905	1.66905	3.68653	1.27794	0.308135	1
cg23051703	6.68E-06	0.406792	-2.45826	0.00931617	0.743437	-1.3451	0.282507	0.904499	-1.10558	0.0319548	0.797794	-1.25346	58.128	7.43717	0.113729	1
cg27282641	0.00109708	0.29651	-3.37257	0.000213118	0.209708	-4.76853	0.688844	0.903354	-1.10699	0.00382196	0.37353	-2.67716	14.1359	14.2753	0.897656	1
cg14634738	0.017578	0.603656	-1.65657	3.20E-05	0.243167	-4.1124	0.000381987	0.371242	-2.69366	0.110986	0.738335	-1.3544	13.8258	6.68345	0.429694	1
cg21622002	0.20932	0.840056	-1.1904	0.607193	0.933983	-1.07068	0.249443	1.1718	1.1718	0.002442	0.573823	-1.7427	11.5742	2.82656	0.244213	1
cg16165370	0.0668769	0.598883	-1.66978	0.000261291	0.223546	-4.47336	0.0766592	1.63467	1.63467	0.0243634	0.511908	-1.95347	9.69391	9.56256	0.876845	1
cg12905688	0.507214	0.918702	-1.08849	0.000108448	0.423302	-2.36238	0.391944	0.895358	-1.11687	0.00280674	0.595189	-1.68014	9.58745	2.41154	0.223583	1
cg26343910	0.013978	0.405663	-2.4651	0.000355942	0.181977	-5.49519	0.960231	0.985288	-1.01493	0.106058	0.591751	-1.6899	8.08133	11.3077	1.24377	1
cg07889826	0.00695661	0.688713	-1.45198	0.0339771	0.767698	-1.30259	0.111546	0.831011	-1.20335	0.00154676	1.62623	1.62623	6.02388	1.0883	0.16059	1
cg21837569	0.0665692	0.330919	-3.02189	0.00190044	0.0939263	-10.6466	0.0214589	0.226426	-4.41644	0.0436923	0.287503	-3.47823	5.98534	27.3942	4.06834	1
cg18475728	0.0319277	0.517555	-1.93216	0.428091	0.808991	-1.23611	0.911081	1.0297	1.0297	0.180843	0.689184	-1.45099	4.09899	4.45614	0.966339	1
cg05623727	0.265161	0.608535	-1.64329	0.00688083	0.223884	-4.46661	0.0161656	0.284063	-3.52034	0.326443	0.648338	-1.54241	3.45608	10.0141	2.57558	1
cg12444340	0.0104232	1.43754	1.43754	0.0311107	0.752226	-1.32939	0.0375813	1.3119	1.3119	0.785541	1.03117	1.03117	5.36204	1.07542	0.178278	1
cg12257692	0.000134672	0.454427	-2.20058	0.00171462	0.586342	-1.70549	0.00542296	1.54721	1.54721	0.00573283	0.649233	-1.54028	28.5792	6.43894	0.200268	1
cg09712216	0.121989	0.426232	-2.34614	0.00014326	0.0270049	-37.0304	0.111361	0.413546	-2.41811	0.29879	1.72299	1.72299	8.97352	31.2183	3.04407	1
ch.3.1075622R	0.53915	1.13715	1.13715	0.0764439	0.665368	-1.50293	0.567973	0.887533	-1.12672	0.656893	1.09682	1.09682	7.17472	4.85552	0.601559	1
cg04436474	0.961069	0.994763	-1.00526	0.0145378	0.723384	-1.38239	0.74389	0.965349	-1.03589	0.206948	1.15393	1.15393	4.591	0.84138	0.162904	1
cg05654648	0.887536	1.02205	1.02205	0.216402	0.818344	-1.22198	0.743887	0.950732	-1.05182	0.414821	1.13707	1.13707	4.49604	1.69121	0.33436	1
cg05635617	0.0233052	0.487754	-2.05022	0.15794	0.670445	-1.49155	0.300296	1.32877	1.32877	0.612723	1.14475	1.14475	3.68824	4.09683	0.987364	1
cg04485516	0.561283	0.917517	-1.0899	0.100359	0.768124	-1.30187	0.216501	0.826469	-1.20997	0.0413901	0.708397	-1.41164	3.63566	1.23668	0.302359	1
cg26831488	0.0252098	0.811667	-1.23203	0.198931	1.11229	1.11229	0.0810873	0.859311	-1.16372	0.0400876	1.2044	1.2044	4.83144	0.4703	0.0865259	1
cg22672359	0.0017493	0.771433	-1.29629	0.00385428	0.797307	-1.25422	0.294984	1.06522	1.06522	0.0433835	1.1447	1.1447	63.532	3.40486	0.0476381	1
cg15925571	0.0228123	0.713746	-1.40106	0.185397	0.840439	-1.18985	0.891	0.983171	-1.01712	0.00305426	1.65237	1.65237	12.0087	2.91403	0.215697	1
cg12418985	0.382463	0.839993	-1.19049	0.491539	0.872835	-1.14569	0.180683	0.758276	-1.31878	0.644088	0.913415	-1.09479	7.4348	4.46244	0.53352	1
cg00030816	0.948333	1.00665	1.00665	0.00410592	0.674521	-1.48253	0.160842	1.16554	1.16554	0.195439	1.15032	1.15032	5.54394	0.918381	0.147249	1
cg14530445	0.278391	0.800881	-1.24862	0.535777	1.13149	1.13149	0.678829	0.921247	-1.08549	0.721157	1.07316	1.07316	3.5577	2.1868	0.546369	1
cg05660005	0.000778199	0.614698	-1.62682	0.0242696	0.773333	-1.2931	0.00047748	0.591661	-1.69016	0.00105972	0.629155	-1.58943	41.3897	6.00568	0.128979	1
cg00986445	0.00674143	0.682314	-1.4656	0.00205297	0.623354	-1.60423	0.000359575	0.536402	-1.86427	0.00289829	0.640456	-1.56139	19.1911	3.59948	0.16672	1
cg11868916	0.0648525	0.74434	-1.34347	0.00466282	1.70875	1.70875	0.067509	1.3387	1.3387	0.486434	1.10595	1.10595	7.02498	2.00542	0.28547	1
cg16324876	0.00659098	0.694152	-1.44061	0.00056845	0.57555	-1.73747	0.105348	0.832682	-1.20094	0.0162872	0.737866	-1.35526	13.7156	2.32614	0.150754	1
cg25564144	0.159901	1.26032	1.26032	0.0678243	1.37048	1.37048	0.0536833	1.40153	1.40153	0.494044	0.898523	-1.11294	9.40261	3.53508	0.334193	1
cg15352367	0.18099	0.470532	-2.12526	0.0241944	0.240146	-4.16414	0.00470052	0.136126	-7.34614	0.0596963	0.323697	-3.0893	3.85215	17.1898	3.96657	1
cg06552366	0.220651	0.916028	-1.09167	0.222026	0.916291	-1.09136	2.98E-09	6.28735	6.28735	0.601259	1.03657	1.03657	96.5779	7.0967	0.065317	1
cg08127080	0.225083	1.12611	1.12611	0.592691	0.950912	-1.05162	0.890705	1.0129	1.0129	0.000473365	0.599427	-1.66826	68.3609	9.40751	0.122325	1
cg27304516	0.0301504	0.808855	-1.23632	3.00E-05	0.506885	-1.97283	0.00109092	0.669706	-1.49319	0.58492	1.04696	1.04696	15.0582	1.65091	0.0974539	1
cg17319011	0.126479	1.23213	1.23213	0.0656228	1.29808	1.29808	0.344532	0.884314	-1.13082	0.332932	0.881512	-1.13441	12.5699	3.17422	0.224468	1
cg07053546	0.0118009	0.348578	-2.8688	0.000763794	0.181062	-5.52298	0.348784	0.723769	-1.38166	0.00125391	0.206157	-4.85068	7.90757	14.0676	1.58134	1
cg13289463	0.86028	1.03626	1.03626	0.365198	1.20697	1.20697	0.913452	0.978258	-1.02222	0.0330196	0.604084	-1.6554	7.81109	5.05713	0.575493	1
cg17327171	0.0452108	0.523524	-1.91013	0.728419	1.10317	1.10317	0.0819769	1.72091	1.72091	0.0160824	0.436163	-2.29272	7.57915	9.52388	1.11697	1
cg23032416	0.0570727	0.748665	-1.33571	0.0210745	1.45211	1.45211	0.265363	1.1689	1.1689	0.802331	1.0343	1.0343	7.57229	2.16801	0.254496	1
cg20385461	0.0103192	2.30499	2.30499	0.9429	1.01868	1.01868	0.0605077	1.72794	1.72794	0.112613	0.639991	-1.56252	7.48857	7.91941	0.940029	1
cg03578331	6.50E-05	0.1037	-9.64319	0.268753	1.42747	1.42747	0.509334	0.813158	-1.22977	0.950142	0.980864	-1.01951	7.34456	11.1053	1.34404	1
cg05135521	0.0263011	0.5155	-1.93986	0.00357402	0.370678	-2.69776	0.149372	1.47513	1.47513	0.0172624	0.482199	-2.07383	5.89179	5.9004	0.890188	1
cg25096700	0.0319491	0.74326	-1.34542	0.666802	1.05246	1.05246	0.0141896	1.42929	1.42929	0.437018	1.09812	1.09812	5.3406	1.17864	0.196173	1
cg14032077	0.414268	1.12142	1.12142	0.187545	1.21141	1.21141	0.662496	0.941477	-1.06216	0.105853	0.784627	-1.27449	5.04811	1.50745	0.265436	1
cg00335252	0.0815473	1.62411	1.62411	0.242792	1.35942	1.35942	0.0631979	1.69029	1.69029	0.143523	0.673779	-1.48417	4.8358	4.83313	0.888398	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14325649	RBMS1;RBMS1	0.0200091	0.927492	0.968216	-1.03283	0.822882	1.08281	1.08281	0.724843	0.882131	-1.13362	0.00267006	4.36577	4.36577	0.0835526	1.97327	1.97327	0.186707	1.64331	1.64331	0.0083672	0.302511	-3.30567	0.533653	0.799542	-1.25072	0.283957	0.673665	-1.48442	4.70383	9.38204	1.77293	1
cg26118435	RBMS1;RBMS1	0.0229465	0.0303772	0.566447	-1.76539	0.0625408	0.626189	-1.59696	0.720697	0.922953	-1.08348	0.0709111	1.56931	1.56931	0.0310702	0.568231	-1.75985	0.503911	0.859443	-1.16354	0.0194154	0.531977	-1.87978	0.00646027	0.453453	-2.2053	0.108415	0.676309	-1.47861	4.48846	3.54555	0.702156	1
cg26055370	RBMS1;RBMS1	0.0262466	0.0133524	0.291434	-3.43131	0.377158	0.694503	-1.43988	0.411264	0.713197	-1.40214	0.102255	0.487047	-2.05319	0.0400084	0.384876	-2.59824	0.00822509	0.25668	-3.8959	0.118801	0.506053	-1.97608	0.0596645	2.35132	2.35132	0.0455079	0.397465	-2.51595	4.28392	10.9801	2.27831	1
cg12616926	RBMS1;RBMS1	0.0274594	?	?	?	0.560499	1.31183	1.31183	0.885133	1.06844	1.06844	0.0531564	0.333628	-2.99735	?	?	?	0.00681711	0.145108	-6.89141	0.775241	0.876974	-1.14028	?	?	?	0.031091	3.64884	3.64884	6.66975	13.5443	1.69225	1
cg06261926	RBMS1;RBMS1	0.0286267	0.296985	0.894427	-1.11803	0.160903	0.85682	-1.16711	0.0105357	0.71744	-1.39384	0.0123479	1.37912	1.37912	0.986011	1.00181	1.00181	0.0449401	0.788627	-1.26803	0.251171	1.13169	1.13169	0.100951	0.830805	-1.20365	0.799614	0.974095	-1.02659	4.15521	0.700691	0.149893	1
cg14460768	RBMS1;RBMS1	0.0347595	0.285173	0.788007	-1.26902	0.0597787	0.633896	-1.57754	0.446949	0.846741	-1.181	0.175806	1.36197	1.36197	0.00254634	0.407136	-2.45618	0.265408	1.28285	1.28285	0.187112	1.34997	1.34997	0.425546	1.19081	1.19081	0.476001	0.855946	-1.1683	3.87679	2.8281	0.648441	1
cg08035195	RBMS1;RBMS1	0.0362588	0.139726	0.351519	-2.84479	0.00179862	0.0538578	-18.5674	0.0125762	0.129803	-7.70396	0.437503	0.59389	-1.68381	0.0725115	0.267574	-3.73728	0.0934081	0.296998	-3.36703	0.174642	0.386779	-2.58545	0.051114	0.2319	-4.31221	0.322125	0.510223	-1.95993	3.81788	26.172	6.09344	1
cg00754604	RBMS1;RBMS1	0.0389078	0.00729553	0.125239	-7.98474	0.0595552	0.278928	-3.58515	0.194766	0.438874	-2.27856	0.696446	0.79025	-1.26542	0.0165659	0.172492	-5.79737	0.911484	1.06905	1.06905	0.169865	0.415659	-2.40582	0.651211	1.31425	1.31425	0.0105028	0.144637	-6.91386	3.72082	21.2459	5.07555	1
cg25694807	RBMS1;RBMS1	0.0394591	0.00866263	0.287828	-3.4743	0.0237629	0.366269	-2.73024	0.0192517	0.348615	-2.8685	0.744828	0.885553	-1.12924	0.127235	0.541279	-1.84747	0.0673115	0.466244	-2.1448	0.0239678	0.367005	-2.72476	0.0373593	0.406895	-2.45764	0.80902	0.913825	-1.0943	3.70163	8.12024	1.94995	1
cg18411806	RBMS1;RBMS1	0.0477899	0.704225	0.914152	-1.09391	0.00370586	0.397391	-2.51641	0.152067	0.696915	-1.43489	0.0797233	1.58036	1.58036	0.175108	0.712214	-1.40407	0.608473	0.88551	-1.12929	0.784297	0.937469	-1.0667	0.202996	1.372	1.372	0.13375	0.683449	-1.46317	3.44668	3.02327	0.779694	1
cg18940113	RBMS1;RBMS1	0.0481676	0.0588517	1.60289	1.60289	0.00618883	2.20204	2.20204	0.0134193	1.96788	1.96788	0.718937	1.08319	1.08319	0.700961	1.08906	1.08906	0.0893711	1.5131	1.5131	0.842851	0.957061	-1.04487	0.386992	0.821955	-1.21661	0.636917	0.900209	-1.11085	3.43644	2.66086	0.688275	1
cg00314029	RBMS1;RBMS1	0.0494793	0.0761656	0.181907	-5.49732	0.0211838	0.0913211	-10.9504	0.0757583	0.181381	-5.51325	0.620156	0.649517	-1.53961	0.0425312	0.133027	-7.51729	0.102219	0.213371	-4.68666	0.011107	0.0639362	-15.6406	0.0163087	0.0791395	-12.6359	0.0886693	0.197491	-5.06353	3.40163	40.1895	10.502	1
cg26530701	RBMS2	7.03E-07	3.09E-08	0.0826828	-12.0944	0.000361418	2.03433	2.03433	2.48E-05	0.353097	-2.83208	0.000339605	0.488294	-2.04795	1.39E-05	0.324081	-3.08565	3.23E-06	0.254509	-3.92914	5.87E-05	0.396934	-2.51931	0.000183745	0.456136	-2.19233	0.0205446	0.707169	-1.41409	80.2129	19.5875	0.217061	1
cg11002709	RBMS2	6.29E-06	5.35E-07	0.16055	-6.2286	0.000572253	0.496618	-2.01362	0.703065	1.05155	1.05155	8.66E-06	0.2812	-3.55619	7.17E-06	0.27221	-3.67363	2.97E-05	0.341798	-2.9257	0.000429378	0.481255	-2.0779	0.142249	0.812976	-1.23005	0.000811239	0.515346	-1.94044	45.7479	12.4809	0.242506	1
cg25310081	RBMS2	0.0251855	0.0351138	0.384022	-2.60402	0.282471	1.54565	1.54565	0.0164831	0.319054	-3.13427	0.168417	0.564259	-1.77224	0.00690263	0.255786	-3.90952	0.0508318	0.420026	-2.3808	0.0429221	0.403175	-2.48031	0.974273	1.01265	1.01265	0.0216924	0.341442	-2.92875	4.34604	10.4634	2.14007	1
cg19628333	RBMS2	0.0421037	0.0225839	0.301916	-3.31218	0.663596	0.825361	-1.21159	0.312025	0.632122	-1.58197	0.809724	0.899612	-1.11159	0.0383885	0.349165	-2.86397	0.925949	0.96005	-1.04161	0.00227033	0.153721	-6.50531	0.985962	1.00775	1.00775	0.0579535	0.390623	-2.56001	3.61402	11.0092	2.70776	1
cg02556363	RBMS3;RBMS3;RBMS3	0.000267916	0.0554878	0.668511	-1.49586	0.554212	1.1174	1.1174	0.000581767	0.3727	-2.68312	0.710504	0.933161	-1.07163	0.000751826	0.387353	-2.58162	0.0171868	0.583498	-1.7138	1.82E-05	0.197446	-5.06467	0.0604074	0.675091	-1.48128	0.000215814	0.318017	-3.14449	16.9667	9.25088	0.484657	1
cg19142043	RBMS3;RBMS3;RBMS3	0.00108849	0.625352	1.11081	1.11081	0.011757	0.510673	-1.9582	0.0104405	0.502332	-1.99072	0.138517	0.711376	-1.40573	7.82E-05	0.217385	-4.60014	0.0407672	0.603886	-1.65594	0.00202099	0.394578	-2.53436	0.0649999	0.642442	-1.55656	0.000427658	0.304009	-3.28938	11.4866	8.29626	0.642005	1
cg16258657	RBMS3;RBMS3;RBMS3	0.00109659	0.00898568	0.547303	-1.82714	0.0156693	0.584233	-1.71165	0.00224131	0.460069	-2.17359	0.572523	1.109	1.109	0.754756	1.0585	1.0585	0.118097	0.735011	-1.36052	5.26E-05	0.253886	-3.93877	0.513462	1.12776	1.12776	0.00347343	0.486914	-2.05375	11.4624	5.97572	0.463407	1
cg25350798	RBMS3;RBMS3;RBMS3	0.00208737	0.0201788	0.528284	-1.89292	0.000848079	0.319064	-3.13417	0.0192506	0.524714	-1.9058	0.658355	1.10667	1.10667	0.000124853	0.218139	-4.58424	0.2342	0.752744	-1.32847	0.779896	0.938186	-1.06589	0.204912	1.35615	1.35615	0.148705	0.70274	-1.423	9.52242	7.82337	0.730288	1
cg18019999	RBMS3;RBMS3;RBMS3	0.00564824	0.00890461	0.698547	-1.43154	0.0531346	0.789108	-1.26725	0.000815233	0.580407	-1.72293	0.220385	0.870326	-1.14899	0.00569679	0.676481	-1.47824	0.921625	1.01066	1.01066	0.0226626	1.34194	1.34194	0.675829	0.955681	-1.04637	0.340615	0.899553	-1.11166	7.06954	1.30095	0.163575	1
cg01334717	RBMS3;RBMS3;RBMS3	0.00666726	0.436084	0.851463	-1.17445	0.00121031	0.383275	-2.60909	0.102941	0.696947	-1.43483	0.742373	1.06903	1.06903	0.184558	0.752154	-1.32952	0.696803	1.08247	1.08247	0.425075	1.17922	1.17922	0.00126082	2.59264	2.59264	0.606659	0.900235	-1.11082	6.71617	4.35647	0.576581	1
cg11863854	RBMS3;RBMS3;RBMS3	0.00671558	0.642217	1.11757	1.11757	0.0899073	1.55908	1.55908	0.0131718	0.481815	-2.07549	0.158215	0.698801	-1.43102	0.000873428	0.305428	-3.2741	0.0751574	0.624533	-1.6012	0.00241736	0.366555	-2.72811	0.663746	0.901297	-1.10951	0.407636	0.817726	-1.2229	6.70111	5.98998	0.794559	1
cg16612422	RBMS3;RBMS3;RBMS3	0.0134713	0.00977713	0.256492	-3.89875	0.0977762	0.469268	-2.13098	0.0109642	0.264596	-3.77935	0.572722	0.788686	-1.26793	0.00225414	0.168544	-5.93316	0.156279	0.531711	-1.88072	0.00753106	0.238762	-4.18827	0.540093	0.772333	-1.29478	0.0109904	0.264767	-3.7769	5.36725	14.746	2.44213	1
cg06712285	RBMS3;RBMS3;RBMS3	0.0259124	0.628672	1.06697	1.06697	0.00969306	0.647036	-1.54551	0.00653083	0.624921	-1.6002	0.19917	0.834874	-1.19779	0.786678	0.964557	-1.03675	0.990464	0.998411	-1.00159	0.0177615	1.46737	1.46737	0.415162	0.895116	-1.11717	0.317075	0.871457	-1.1475	4.30314	1.20612	0.249146	1
cg17237063	RBMS3;RBMS3;RBMS3	0.0296084	0.102129	0.520448	-1.92142	0.409378	1.3607	1.3607	0.206185	0.614622	-1.62702	0.00856422	0.293971	-3.40169	0.784141	1.10543	1.10543	0.909792	1.04224	1.04224	0.00318774	0.229923	-4.34928	0.0376946	0.414808	-2.41075	0.835131	0.926746	-1.07904	4.10593	8.66521	1.87592	1
cg22494026	RBMS3;RBMS3;RBMS3	0.0311397	0.133266	0.625574	-1.59853	0.0911207	1.71425	1.71425	0.358976	0.760951	-1.31414	0.650898	0.876394	-1.14104	0.00143892	0.26332	-3.79766	0.843462	0.944347	-1.05893	0.210855	0.682607	-1.46497	0.149094	1.56535	1.56535	0.588135	0.853542	-1.17159	4.03296	5.35806	1.18095	1
cg05258481	RBMS3;RBMS3;RBMS3	0.0325772	0.385481	0.786278	-1.27181	0.0594696	0.562757	-1.77697	0.13531	0.647232	-1.54504	0.104028	0.618574	-1.61662	0.00107151	0.270905	-3.69134	0.872704	1.04429	1.04429	0.993446	0.997783	-1.00222	0.314851	0.755119	-1.3243	0.0284052	0.497027	-2.01196	3.96838	4.59022	1.02818	1
cg21547183	RBMX;RBMX;RBMX;RBMX	0.010476	0.0170095	0.361156	-2.76888	0.0377672	0.430324	-2.32383	0.0233341	0.387321	-2.58184	0.0358359	2.35054	2.35054	0.0108468	0.326395	-3.06377	0.0031243	0.243087	-4.11375	0.723698	0.883181	-1.13227	0.882087	1.05332	1.05332	0.507694	0.790409	-1.26517	5.8232	11.2963	1.72433	1
cg10703213	RBMX;RBMX;RBMX;RBMX	0.0439391	0.844821	0.940691	-1.06305	0.079235	1.83663	1.83663	0.433964	0.779505	-1.28287	0.488685	0.802949	-1.24541	0.166504	0.631121	-1.58448	0.587596	0.842955	-1.1863	0.0423509	0.482147	-2.07406	0.100234	1.75395	1.75395	0.00912628	2.81047	2.81047	3.5571	5.48402	1.37041	1
cg24536114	RBMXL1;CCBL2;CCBL2;RBMXL1	0.000143424	0.0297277	1.20616	1.20616	0.000315988	0.652114	-1.53347	0.000109068	0.606917	-1.64767	0.0478107	0.847228	-1.18032	2.05E-05	0.532292	-1.87867	0.854052	1.01358	1.01358	0.341162	1.07451	1.07451	0.25049	1.09196	1.09196	0.0093373	0.785408	-1.27322	20.0982	1.70854	0.0755641	1
cg04944980	RBMXL1;CCBL2;CCBL2;RBMXL1	0.0104252	0.386322	0.826477	-1.20996	0.680133	1.09305	1.09305	0.32632	0.804542	-1.24294	0.00295341	0.416519	-2.40085	0.000739689	0.332948	-3.00347	0.387495	0.826885	-1.20936	0.236013	1.30538	1.30538	0.774291	0.940161	-1.06365	0.0275616	0.571659	-1.7493	5.8323	4.25418	0.648371	1
cg23663318	RBMXL1;CCBL2;CCBL2;RBMXL1	0.047817	0.499751	1.1119	1.1119	0.142128	1.27677	1.27677	0.0216587	0.65255	-1.53245	0.279521	0.840244	-1.19013	0.00644664	0.577817	-1.73065	0.61448	0.924379	-1.08181	0.693574	1.06323	1.06323	0.373579	1.15191	1.15191	0.1366	0.780129	-1.28184	3.44594	1.30825	0.337467	1
cg22168480	RBMXL1;CCBL2;CCBL2;RBMXL1;RBMXL1;CCBL2;RBMXL1;CCBL2	0.023741	?	?	?	0.0193325	4.43921	4.43921	0.0319951	0.266103	-3.75795	0.557802	1.36658	1.36658	0.0192563	0.224969	-4.44506	0.720728	1.2082	1.2082	0.0278616	0.254263	-3.93294	0.242484	1.90503	1.90503	0.775143	0.859932	-1.16288	4.51418	17.6425	3.90824	1
cg22062068	RBMXL2	0.00356253	0.00172647	0.152178	-6.57124	0.388054	0.688982	-1.45142	0.0217764	0.313616	-3.18861	0.0356076	0.356999	-2.80112	0.143289	0.515639	-1.93934	0.00140854	0.142715	-7.00696	0.000472271	0.0989813	-10.1029	0.741449	1.14961	1.14961	0.97294	1.01439	1.01439	8.13058	22.835	2.49647	1
cg23916104	RBMXL2	0.00625654	0.0591688	0.434892	-2.29942	0.0427192	2.48861	2.48861	0.0445288	0.405898	-2.46367	0.401368	0.71484	-1.39891	0.251391	0.626039	-1.59734	0.00236353	0.190632	-5.2457	0.00164423	0.171781	-5.82137	0.136525	1.87183	1.87183	0.616163	1.2184	1.2184	6.84993	16.5714	2.1504	1
cg06460475	RBMXL2	0.00649832	0.057631	1.95834	1.95834	0.00623313	3.05309	3.05309	0.0916381	1.78865	1.78865	0.840801	1.06499	1.06499	0.00230512	3.79348	3.79348	0.00562226	0.320478	-3.12034	0.0760603	1.85522	1.85522	0.0556577	1.97166	1.97166	0.481435	1.2511	1.2511	6.76991	10.5085	1.37976	1
cg24912560	RBMXL2	0.0128927	0.405388	1.34666	1.34666	0.006344	0.288695	-3.46386	0.289394	1.46886	1.46886	0.27206	1.49141	1.49141	0.115991	1.81718	1.81718	0.756085	0.896783	-1.1151	0.00217925	4.49638	4.49638	0.221099	0.637807	-1.56787	0.0612737	2.09024	2.09024	5.44487	10.5413	1.7209	1
cg07400057	RBMXL2	0.0268523	0.0487687	2.64131	2.64131	0.00295299	5.82016	5.82016	0.983099	1.00918	1.00918	0.824375	1.10067	1.10067	0.488431	1.35494	1.35494	0.207158	0.56321	-1.77554	0.0223779	3.25763	3.25763	0.0159464	3.57381	3.57381	0.352679	1.51095	1.51095	4.24983	12.5364	2.62211	1
cg06176750	RBMXL2;RBMXL2	0.00132005	0.110811	0.491275	-2.03552	0.469438	0.740019	-1.35132	0.012335	0.279516	-3.57761	0.00464946	0.214386	-4.66448	0.000114585	0.0627401	-15.9388	0.912133	1.04619	1.04619	0.000195482	0.0770843	-12.9728	0.29773	0.643002	-1.55521	0.0341219	0.363677	-2.74969	10.8713	28.8151	2.35605	1
cg11545887	RBMXL2;RBMXL2	0.00666748	0.0456252	1.67743	1.67743	0.0870593	1.5318	1.5318	0.00704924	0.45564	-2.19471	0.0441428	1.68521	1.68521	0.020622	1.87616	1.87616	0.560708	1.14199	1.14199	0.0129778	0.498658	-2.00538	0.0358589	1.73507	1.73507	0.0557901	1.6308	1.6308	6.7161	5.41794	0.717075	1
cg20838586	RBMXL2;RBMXL2	0.0156684	0.0422422	2.07632	2.07632	0.0147477	2.55254	2.55254	0.0340223	0.461802	-2.16543	0.366765	1.33579	1.33579	0.426117	1.28886	1.28886	0.334986	0.733106	-1.36406	0.0108212	2.71676	2.71676	0.0129766	2.61886	2.61886	0.0796916	1.83548	1.83548	5.10641	7.88536	1.37263	1
cg08937958	RBMXL3;LRCH2	6.12E-05	0.303165	1.16821	1.16821	0.00657489	0.597797	-1.67281	2.41E-06	0.188244	-5.31224	0.914867	1.01571	1.01571	0.000216645	0.406738	-2.45858	0.0308291	1.44723	1.44723	0.0122186	1.57635	1.57635	0.253444	1.18989	1.18989	0.0623052	0.736469	-1.35783	25.2383	8.49411	0.299161	1
cg01963258	RBMXL3;LRCH2	0.000120348	0.0379635	1.38692	1.38692	0.775026	0.961795	-1.03972	3.62E-05	0.338979	-2.95004	5.76E-05	0.362711	-2.75701	0.11915	0.79461	-1.25848	0.113163	1.2641	1.2641	0.00048922	2.10139	2.10139	0.442057	1.11244	1.11244	0.303215	1.156	1.156	21.0687	6.16616	0.260151	1
cg16369705	RBMXL3;LRCH2	0.00530934	0.0108528	1.65077	1.65077	0.0026536	0.521292	-1.91831	0.0183276	0.638548	-1.56605	0.648395	1.07459	1.07459	0.358529	0.862481	-1.15945	0.0310758	1.48671	1.48671	0.668229	1.06989	1.06989	0.0264802	1.51019	1.51019	0.0591532	0.716154	-1.39635	7.2051	2.80182	0.345659	1
cg13532829	RBMXL3;LRCH2	0.00740411	0.811728	0.923838	-1.08244	0.0608391	0.495826	-2.01684	0.219922	0.651669	-1.53452	0.220761	0.652227	-1.53321	0.294363	0.696939	-1.43485	0.257019	0.675216	-1.48101	0.000648231	5.67809	5.67809	0.0135261	2.75854	2.75854	0.12558	1.7338	1.7338	6.50015	11.3459	1.55154	1
cg04173432	RBMXL3;LRCH2	0.0176772	0.464526	1.39639	1.39639	0.054359	2.66237	2.66237	0.0199186	0.283557	-3.52663	0.00393998	0.175572	-5.69567	0.0267971	0.308305	-3.24354	0.198935	1.83831	1.83831	0.62456	1.24762	1.24762	0.484931	1.37482	1.37482	0.643473	1.23252	1.23252	4.90486	15.6281	2.83222	1
cg19169658	RBMXL3;LRCH2	0.01883	0.00392896	0.217672	-4.59407	0.349367	0.684876	-1.46012	0.236864	0.614498	-1.62734	0.0707658	0.452334	-2.21076	0.0237628	0.346323	-2.88748	0.6156	1.22008	1.22008	0.00306802	0.20333	-4.9181	0.386874	1.41696	1.41696	0.111668	0.506248	-1.97532	4.80162	11.7405	2.17343	1
cg22964768	RBMXL3;LRCH2	0.0433189	0.896176	0.968306	-1.03273	0.125455	0.664249	-1.50546	0.0660142	0.601229	-1.66326	0.843075	1.05011	1.05011	0.00138952	0.318835	-3.13641	0.922819	0.976377	-1.02419	0.582845	1.14664	1.14664	0.481862	1.19286	1.19286	0.606905	1.13658	1.13658	3.576	3.44677	0.856764	1
cg18348566	RBP1	0.00774704	0.0602591	0.693539	-1.44188	0.010362	1.74648	1.74648	0.0216702	0.62123	-1.60971	0.715901	0.938832	-1.06515	0.0801428	0.715157	-1.39829	0.865808	0.971215	-1.02964	0.00165679	2.1757	2.1757	0.689852	1.07172	1.07172	0.191441	0.787547	-1.26977	6.40854	3.02674	0.41982	1
cg09357847	RBP1;RBP1;RBP1	4.34E-08	0.0318931	0.830145	-1.20461	3.24E-05	0.549726	-1.81909	0.419678	0.940788	-1.06294	8.75E-05	0.594106	-1.6832	0.00344768	0.745251	-1.34183	7.98E-06	2.06154	2.06154	0.000155346	0.619064	-1.61534	9.85E-10	9.95058	9.95058	0.00994201	1.27257	1.27257	162.453	14.1003	0.0771524	1
cg13259506	RBP1;RBP1;RBP1	0.000123896	0.343336	1.22832	1.22832	0.0287238	0.580716	-1.72201	0.00195362	0.397484	-2.51583	0.00331182	0.430561	-2.32255	0.000700162	0.336602	-2.97087	3.34E-05	0.183542	-5.44835	1.10E-05	0.139323	-7.17756	0.559703	0.883156	-1.1323	0.0103735	0.506584	-1.97401	20.905	14.693	0.624755	1
cg11027570	RBP1;RBP1;RBP1	0.000158974	0.953222	1.0072	1.0072	0.725975	1.04395	1.04395	0.0282439	1.37256	1.37256	0.916759	0.987301	-1.01286	0.364133	0.892254	-1.12076	0.00047943	1.95397	1.95397	0.100508	0.802569	-1.246	3.01E-06	3.89597	3.89597	0.823076	1.02775	1.02775	19.5482	4.62665	0.210382	1
cg24594997	RBP1;RBP1;RBP1	0.000291687	0.017317	0.39334	-2.54233	0.885151	0.954541	-1.04762	0.0116791	2.75769	2.75769	0.150867	0.609225	-1.64143	0.138066	0.598083	-1.67201	0.00722801	3.05194	3.05194	0.129907	0.590593	-1.69321	1.20E-05	19.6621	19.6621	0.0132376	2.68684	2.68684	16.5771	27.2052	1.45878	1
cg12497564	RBP1;RBP1;RBP1	0.000443714	0.60092	1.21722	1.21722	0.131103	1.83513	1.83513	0.565379	1.24164	1.24164	0.147261	1.78464	1.78464	0.653028	1.18358	1.18358	0.00029764	8.96112	8.96112	0.726585	0.877439	-1.13968	8.22E-06	37.5454	37.5454	0.665348	1.17595	1.17595	14.7711	32.4505	1.95279	1
cg13099330	RBP1;RBP1;RBP1	0.00546967	0.547486	0.768378	-1.30144	0.171932	0.532914	-1.87648	0.664725	0.828001	-1.20773	0.401752	0.689729	-1.44984	0.0136388	0.266959	-3.7459	0.00529628	4.90787	4.90787	0.0053461	0.204317	-4.89436	0.00463145	5.10642	5.10642	0.435357	1.41125	1.41125	7.13967	21.1843	2.63745	1
cg12298268	RBP1;RBP1;RBP1	0.00760074	0.180416	0.369827	-2.70396	0.709695	1.29889	1.29889	0.314508	0.483163	-2.06969	0.257003	0.437216	-2.2872	0.0265174	0.158941	-6.29163	0.00754347	11.0693	11.0693	0.00872197	0.0966118	-10.3507	0.00425379	14.5179	14.5179	0.82792	1.16444	1.16444	6.44699	49.9372	6.88517	1
cg23448348	RBP1;RBP1;RBP1	0.00930792	0.115792	0.409237	-2.44357	0.09702	0.385974	-2.59085	0.45772	0.673513	-1.48475	0.195128	0.488598	-2.04667	0.0222148	0.238671	-4.18987	0.0199172	4.34343	4.34343	0.00592985	0.152439	-6.56	0.00918872	5.63348	5.63348	0.923956	0.951324	-1.05117	6.04739	26.1638	3.84575	1
cg06726820	RBP1;RBP1;RBP1	0.0113539	0.15023	0.529272	-1.88939	0.0329334	0.357313	-2.79867	0.00844072	0.249681	-4.00511	0.0152195	0.292358	-3.42047	0.294082	0.638289	-1.56669	0.551605	1.28208	1.28208	0.00216225	0.169287	-5.90711	0.00463214	0.211392	-4.73055	0.0493336	0.396329	-2.52315	5.67426	15.2951	2.39603	1
cg14228830	RBP1;RBP1;RBP1	0.0150493	0.528214	1.33017	1.33017	0.429497	0.697623	-1.43344	0.00606245	0.201866	-4.95378	0.623851	0.801975	-1.24692	0.679707	1.20365	1.20365	0.313227	1.59314	1.59314	0.00148588	0.129226	-7.73837	0.0617178	2.5587	2.5587	0.4705	0.720523	-1.38788	5.17508	16.3382	2.80631	1
cg21476463	RBP1;RBP1;RBP1	0.0171938	0.206627	1.38734	1.38734	0.25018	0.744268	-1.3436	0.00512294	0.402953	-2.48168	0.496704	0.843989	-1.18485	0.983317	0.994874	-1.00515	0.194903	1.40074	1.40074	0.0131408	0.469623	-2.12937	0.00558483	0.408804	-2.44616	0.121863	0.662221	-1.51007	4.95066	4.73673	0.850477	1
cg12615535	RBP1;RBP1;RBP1	0.0242529	0.329189	0.580697	-1.72207	0.306277	0.564568	-1.77127	0.207852	0.488327	-2.04781	0.195255	0.477413	-2.09462	0.149035	0.43379	-2.30526	0.0319062	3.88483	3.88483	0.00766497	0.157275	-6.35829	0.0181061	4.70779	4.70779	0.522993	0.705112	-1.41822	4.40338	20.3159	4.10108	1
cg20532370	RBP1;RBP1;RBP1	0.031033	0.683314	0.88807	-1.12604	0.220524	0.68882	-1.45176	0.119795	0.613564	-1.62982	0.585524	1.17277	1.17277	0.826482	0.938437	-1.0656	0.0824086	1.7451	1.7451	0.265567	0.714786	-1.39902	0.00167482	3.67095	3.67095	0.324374	1.34252	1.34252	4.0379	5.35652	1.17917	1
cg08972081	RBP1;RBP1;RBP1	0.0387369	0.0449871	0.177468	-5.63483	0.00351562	0.051068	-19.5817	0.0330622	0.153679	-6.50706	0.114168	0.274882	-3.63792	0.0705365	0.218957	-4.5671	0.604057	0.674923	-1.48165	0.0218121	0.12636	-7.91393	0.0532091	0.191927	-5.21032	0.108545	0.268338	-3.72664	3.72683	33.3351	7.95078	1
cg15288618	RBP1;RBP1;RBP1	0.045793	0.784145	0.832281	-1.20152	0.265722	0.460502	-2.17154	0.424921	0.579948	-1.72429	0.906893	0.924753	-1.08137	0.140154	0.346045	-2.8898	0.0291821	5.57536	5.57536	0.0124968	0.125219	-7.98604	0.0362984	5.09067	5.09067	0.660711	0.744293	-1.34356	3.50251	24.798	6.29339	1
cg20514239	RBP2	0.000270577	0.0331005	1.69665	1.69665	0.0984659	1.46889	1.46889	0.0252333	0.568563	-1.75882	0.410656	1.19545	1.19545	0.000101702	0.232055	-4.30932	0.000124917	0.242096	-4.13059	0.639291	0.904688	-1.10535	0.0013063	2.69968	2.69968	0.533124	0.874641	-1.14333	16.9209	12.0659	0.633843	1
cg14731458	RBP2	0.0243192	0.129857	0.516171	-1.93734	0.415095	0.714134	-1.4003	0.0259494	0.343547	-2.91081	0.601418	1.23741	1.23741	0.00644993	0.238901	-4.18583	0.00478927	0.220195	-4.54143	0.0599729	0.424141	-2.35771	0.40378	1.41241	1.41241	0.0859257	0.464397	-2.15333	4.39921	11.3815	2.29971	1
cg15213122	RBP2	0.0410049	0.0337611	2.01071	2.01071	0.0465071	0.526034	-1.90102	0.00486302	0.349264	-2.86317	0.70826	1.11172	1.11172	0.995597	0.998446	-1.00156	0.324528	0.750773	-1.33196	0.35632	1.30644	1.30644	0.513904	1.20504	1.20504	0.643245	1.14044	1.14044	3.64957	4.58831	1.11753	1
cg01042100	RBP3	0.00165342	0.00171524	0.20383	-4.90605	0.0032119	0.239515	-4.1751	0.00230631	0.220187	-4.5416	0.108913	0.537253	-1.86132	0.00123231	0.186553	-5.36039	0.0119668	0.328171	-3.04719	0.000290439	0.122462	-8.16578	0.201194	0.61898	-1.61556	0.00705346	0.290101	-3.44708	10.1893	20.3784	1.77776	1
cg07304173	RBP3	0.00438983	0.0589696	0.660958	-1.51296	0.0655275	1.49381	1.49381	0.000162239	0.286548	-3.48981	0.1233	0.723154	-1.38283	0.771641	0.945063	-1.05813	0.0519764	1.53617	1.53617	0.639484	0.912468	-1.09593	0.746072	0.938862	-1.06512	0.0624285	0.665522	-1.50258	7.63488	4.55853	0.530725	1
cg05066621	RBP3	0.0100816	0.180429	0.731602	-1.36686	0.113712	0.685137	-1.45956	0.0532319	0.617208	-1.6202	0.339213	0.805377	-1.24165	0.000548603	0.307461	-3.25244	0.879127	1.034	1.034	0.0223013	1.8253	1.8253	0.832313	1.04769	1.04769	0.0759596	0.647959	-1.54331	5.89527	4.50763	0.679661	1
cg05652602	RBP3	0.0117753	0.121408	0.760336	-1.31521	0.271671	1.20527	1.20527	0.00727447	0.568439	-1.7592	0.556442	0.907504	-1.10192	0.22667	0.812927	-1.23012	0.00412284	0.533804	-1.87335	0.00763831	1.74992	1.74992	0.856064	0.970809	-1.03007	0.301151	0.839625	-1.19101	5.60775	2.36445	0.374791	1
cg13164993	RBP3	0.0153092	0.176057	0.733718	-1.36292	0.971493	1.00772	1.00772	0.000751287	0.332755	-3.00521	0.621769	0.898493	-1.11297	0.870104	1.03585	1.03585	0.951035	1.01331	1.01331	0.0102785	2.00601	2.00601	0.746539	0.932578	-1.0723	0.232091	0.763569	-1.30964	5.14583	3.77576	0.652223	1
cg04933640	RBP3	0.0162064	0.709244	0.883742	-1.13155	0.218391	0.652345	-1.53293	0.0082662	0.328127	-3.0476	0.046756	0.471784	-2.11961	0.0874119	0.536526	-1.86384	0.0481393	0.47461	-2.10699	0.00346589	0.269996	-3.70376	0.140612	0.592733	-1.6871	0.00224503	0.243756	-4.10247	5.04941	8.707	1.53276	1
cg10911243	RBP3	0.0351817	0.0516213	0.354855	-2.81805	0.00726551	0.198	-5.05049	0.00996638	0.218269	-4.5815	0.723831	0.847112	-1.18048	0.705129	0.83711	-1.19459	0.0439813	0.338728	-2.95222	0.0316992	0.307946	-3.24732	0.0520967	0.355801	-2.81056	0.0509116	0.353432	-2.8294	3.85989	13.3715	3.07931	1
cg07070043	RBP3	0.039136	0.979853	1.00553	1.00553	0.177302	1.368	1.368	0.0940127	0.668727	-1.49538	0.82118	1.05072	1.05072	0.453241	0.846222	-1.18172	0.498625	1.16197	1.16197	0.0267001	1.77499	1.77499	0.262595	0.774716	-1.2908	0.00501431	0.444258	-2.25095	3.71283	2.8083	0.672336	1
cg20633956	RBP4	5.01E-05	8.86E-05	0.219767	-4.55027	0.682503	0.915062	-1.09282	0.343655	1.23434	1.23434	6.54E-05	0.205624	-4.86325	6.78E-06	0.115837	-8.63284	7.30E-05	0.210702	-4.74605	0.362434	1.22388	1.22388	0.334974	0.80687	-1.23936	0.0137684	0.518298	-1.92939	26.6132	19.6329	0.655746	1
cg20602843	RBP4	0.000296779	0.000225499	0.318085	-3.14381	0.476434	1.14475	1.14475	0.00532685	0.503837	-1.98477	0.234338	0.792341	-1.26208	2.46E-05	0.208657	-4.79255	0.000642676	0.376062	-2.65914	0.00142194	0.422368	-2.3676	0.781255	1.05335	1.05335	0.243626	0.796298	-1.25581	16.4988	9.10918	0.490766	1
cg10021756	RBP4	0.00523376	0.616472	1.08339	1.08339	0.662005	1.07226	1.07226	0.831949	0.966856	-1.03428	0.753786	1.05117	1.05117	0.386543	0.86867	-1.15119	6.31E-05	0.310913	-3.21634	0.393295	1.14878	1.14878	0.204204	0.808536	-1.2368	0.309075	0.846223	-1.18172	7.2368	2.8836	0.354189	1
cg12298562	RBP4	0.00895547	0.86576	0.981168	-1.01919	0.716477	1.04183	1.04183	0.36294	1.11079	1.11079	0.449778	0.917099	-1.09039	0.501434	0.926197	-1.07968	0.768086	0.967318	-1.03379	0.00862763	1.45691	1.45691	0.00121752	1.70228	1.70228	0.00218857	1.62059	1.62059	6.122	1.22426	0.177757	1
cg18585903	RBP4	0.0108863	0.0916703	0.658144	-1.51942	0.0158658	0.514018	-1.94546	0.170161	0.719581	-1.3897	0.149269	0.705858	-1.41672	0.0185722	0.525746	-1.90206	0.142081	0.700798	-1.42694	0.000292319	0.264513	-3.78053	0.650429	0.902339	-1.10823	0.79357	1.06085	1.06085	5.75174	4.62225	0.714335	1
cg12331389	RBP4	0.0126102	0.000501829	0.177615	-5.63015	0.397832	0.759625	-1.31644	0.0364755	0.46207	-2.16417	0.0396614	0.469774	-2.12868	0.573926	0.834913	-1.19773	0.560202	1.20572	1.20572	0.00887343	0.347254	-2.87974	0.131129	0.595919	-1.67808	0.856211	0.944024	-1.05929	5.48435	8.76047	1.41988	1
cg13253980	RBP4	0.0344165	0.522551	0.893453	-1.11925	0.126971	0.750549	-1.33236	0.686734	1.07302	1.07302	0.68852	1.07256	1.07256	0.693929	0.933554	-1.07118	0.00341843	0.500816	-1.99674	0.485298	0.884027	-1.13119	0.010668	1.74724	1.74724	0.753854	0.946785	-1.05621	3.89071	1.86223	0.425455	1
cg13228314	RBP4	0.0380464	0.123655	0.466217	-2.14493	0.356678	0.648027	-1.54314	0.972255	1.01604	1.01604	0.117501	0.45932	-2.17713	0.0174191	0.265866	-3.7613	0.030919	0.313616	-3.18862	0.0194004	3.64555	3.64555	0.324785	0.627932	-1.59253	0.368394	1.52621	1.52621	3.75146	12.4424	2.94815	1
cg03620167	RBP4	0.041207	0.0169933	0.687896	-1.45371	0.398665	1.11747	1.11747	0.163314	0.825934	-1.21075	0.977727	0.996418	-1.00359	0.600565	0.934349	-1.07026	0.0924973	0.78822	-1.26868	0.0125396	1.49054	1.49054	0.0696682	0.770454	-1.29794	0.849709	1.02468	1.02468	3.64295	0.953209	0.232586	1
cg10993460	RBP5	2.16E-06	0.0233189	1.37222	1.37222	0.0463203	0.766087	-1.30533	1.08E-07	0.135568	-7.37636	9.59E-06	0.328543	-3.04374	4.53E-06	0.292256	-3.42166	6.66E-05	0.425974	-2.34756	0.000364149	0.513294	-1.9482	0.000167131	0.473203	-2.11326	0.882882	0.982939	-1.01736	60.2342	13.0007	0.191855	1
cg16959747	RBP5	0.00144293	0.00116809	0.186746	-5.35488	0.0406418	0.435076	-2.29845	0.00233303	0.223936	-4.46556	0.00718375	0.294692	-3.39338	0.000231418	0.116281	-8.59989	0.020224	0.373088	-2.68034	0.00142677	0.197038	-5.07517	0.00248161	0.227479	-4.39602	0.0256957	0.393411	-2.54187	10.5972	20.8052	1.74513	1
cg14672128	RBP5	0.00981244	0.322901	0.843029	-1.1862	0.000348345	2.61628	2.61628	0.196537	1.25654	1.25654	0.763852	0.950862	-1.05168	0.085556	0.727737	-1.37412	0.166932	1.27943	1.27943	0.205471	0.799811	-1.2503	0.212696	0.802928	-1.24544	0.465108	1.13238	1.13238	5.9465	2.63385	0.393711	1
cg12074585	RBP5	0.0157337	0.122553	0.521773	-1.91654	0.159206	1.79482	1.79482	0.107705	1.97873	1.97873	0.0901712	0.483828	-2.06685	0.120916	0.520035	-1.92295	0.536523	0.784017	-1.27548	0.00101696	0.150389	-6.64944	0.163815	1.78186	1.78186	0.973294	0.98707	-1.0131	5.09936	12.2067	2.12781	1
cg20315995	RBP5	0.0303451	0.271355	0.61617	-1.62293	0.058299	2.47148	2.47148	0.0587348	0.405408	-2.46665	0.408267	0.699296	-1.43001	0.00281132	0.175411	-5.70088	0.471602	0.7337	-1.36296	0.0848326	0.446684	-2.23872	0.208677	1.75147	1.75147	0.99571	0.997729	-1.00228	4.07026	11.5276	2.51747	1
cg10796749	RBP7	0.000267503	0.0146486	0.508791	-1.96544	0.138107	0.698387	-1.43187	0.0139887	0.505423	-1.97854	0.0130926	0.500611	-1.99756	1.07E-05	0.120886	-8.27224	0.000877928	0.325774	-3.06962	0.000780173	0.318985	-3.13494	0.39058	1.21871	1.21871	0.000966461	0.331349	-3.01797	16.9738	13.5895	0.711658	1
cg16050974	RBP7	0.000455003	0.0161717	0.243254	-4.11093	0.0142433	4.27442	4.27442	7.62E-05	31.3829	31.3829	0.80756	0.889362	-1.1244	0.510946	1.37763	1.37763	0.936498	1.03903	1.03903	0.00481059	6.03432	6.03432	0.000143861	23.2704	23.2704	0.319734	0.610163	-1.63891	14.6688	53.6327	3.24999	1
cg07224455	RBP7	0.00210351	0.175505	0.74257	-1.34667	0.254004	1.27903	1.27903	0.731656	0.93135	-1.07371	0.388862	0.833223	-1.20016	0.554451	1.13149	1.13149	9.07E-05	0.235578	-4.24488	0.000737607	0.346714	-2.88422	0.101126	0.6901	-1.44907	0.573253	1.12479	1.12479	9.50103	6.42337	0.600952	1
cg15090005	RBP7	0.00656497	0.985228	0.994519	-1.00551	0.086876	1.75297	1.75297	0.784326	1.08485	1.08485	0.871775	0.95318	-1.04912	0.707866	0.894271	-1.11823	0.703855	0.892818	-1.12005	0.0107822	0.386408	-2.58794	0.00024207	6.06328	6.06328	0.188384	1.51247	1.51247	6.74851	9.41886	1.24062	1
cg03406535	RBP7	0.00757596	0.0133068	0.444378	-2.25034	0.12489	1.55163	1.55163	0.815209	0.939966	-1.06387	0.171696	0.680598	-1.4693	0.0003386	0.217111	-4.60594	0.0264902	0.498745	-2.00503	0.226894	0.714976	-1.39865	0.335316	0.768938	-1.3005	0.0276729	0.502364	-1.99059	6.4536	7.14801	0.984534	1
cg14202757	RBP7	0.0187037	0.108856	0.536986	-1.86224	0.261257	1.51678	1.51678	0.321375	0.694693	-1.43948	0.957664	0.981301	-1.01906	0.00149553	0.196349	-5.09296	0.0526275	0.45684	-2.18895	0.016448	0.352633	-2.83581	0.508169	0.787658	-1.26959	0.0156332	0.348594	-2.86866	4.81255	9.63668	1.77992	1
cg03994053	RBP7	0.0322116	0.190975	0.288018	-3.472	0.0397914	8.47143	8.47143	0.0486403	7.57299	7.57299	0.185075	3.53766	3.53766	0.279362	0.363856	-2.74834	0.679696	1.45186	1.45186	0.00899207	19.8078	19.8078	0.0143744	15.0677	15.0677	0.998864	1.00128	1.00128	3.98447	50.9953	11.3765	1
cg08806699	RBP7	0.0336295	0.565812	0.913729	-1.09442	0.983881	0.996865	-1.00314	0.369788	1.15391	1.15391	0.355576	0.862688	-1.15917	0.103898	1.31835	1.31835	0.428891	1.13374	1.13374	0.216817	1.22383	1.22383	0.000786157	2.20105	2.20105	0.225179	1.21895	1.21895	3.9233	1.50107	0.340092	1
cg04276669	RBPJ;RBPJ	0.00555065	0.460623	0.829843	-1.20505	0.859698	1.04491	1.04491	0.170987	1.43615	1.43615	0.550868	1.16165	1.16165	0.183339	0.704308	-1.41983	0.363272	1.26112	1.26112	0.000107739	0.183526	-5.44882	0.409344	1.23308	1.23308	0.0945099	0.633583	-1.57832	7.10752	6.94027	0.867972	1
cg04832844	RBPJ;RBPJ;RBPJ;RBPJ	0.000146041	0.322213	0.817724	-1.22291	0.566956	1.12062	1.12062	0.613999	1.10526	1.10526	0.729769	0.934039	-1.07062	1.79E-06	0.095972	-10.4197	0.966718	0.991823	-1.00824	0.0345872	0.615768	-1.62399	0.167799	1.33548	1.33548	0.028824	1.66073	1.66073	20.0005	12.266	0.54514	1
cg22002629	RBPJ;RBPJ;RBPJ;RBPJ	0.000319657	0.00166194	4.30109	4.30109	6.32E-05	0.0918349	-10.8891	0.0975767	1.80296	1.80296	0.0352774	0.451583	-2.21443	0.0310256	2.27265	2.27265	0.0289125	2.30534	2.30534	0.000728494	5.28903	5.28903	0.0931159	1.82027	1.82027	0.190884	1.56687	1.56687	16.1666	26.9204	1.48016	1
cg23916284	RBPJ;RBPJ;RBPJ;RBPJ	0.00109811	0.000736025	0.159231	-6.28017	0.151659	0.576758	-1.73383	0.0266205	0.390101	-2.56344	0.132723	0.559235	-1.78816	0.00217652	0.214223	-4.66802	0.0321203	0.406849	-2.45791	0.000118723	0.0895948	-11.1614	0.0680248	2.07963	2.07963	0.00757971	0.292146	-3.42295	11.4579	23.2921	1.80697	1
cg11099684	RBPJ;RBPJ;RBPJ;RBPJ	0.00478247	0.00449631	0.173251	-5.77198	0.00255801	0.144212	-6.93426	0.00485097	0.177478	-5.6345	0.0535907	0.362554	-2.75821	0.00120902	0.111501	-8.96856	0.116355	0.453935	-2.20296	0.443085	0.696309	-1.43614	0.284569	1.67283	1.67283	0.0218456	0.279815	-3.57379	7.43879	25.24	3.01603	1
cg26455541	RBPJ;RBPJ;RBPJ;RBPJ	0.00561537	?	?	?	0.0031351	0.114525	-8.73169	0.0678253	2.75393	2.75393	?	?	?	?	?	?	0.0704308	2.7198	2.7198	?	?	?	?	?	?	?	?	?	12.3397	13.9883	2.2672	1
cg02498218	RBPJ;RBPJ;RBPJ;RBPJ	0.00631361	0.0635249	1.35414	1.35414	0.000384394	0.438934	-2.27825	0.579802	0.921947	-1.08466	0.876343	1.02289	1.02289	0.110492	1.28754	1.28754	0.998223	0.999676	-1.00032	0.0118059	1.57917	1.57917	0.161358	1.24278	1.24278	0.453037	1.11748	1.11748	6.8307	2.28438	0.29727	1
cg27626619	RBPJ;RBPJ;RBPJ;RBPJ	0.00677192	0.00144451	0.55234	-1.81048	0.00507702	1.61212	1.61212	0.0244259	1.41298	1.41298	0.829606	1.02817	1.02817	0.449633	1.10442	1.10442	0.277084	1.15689	1.15689	0.0632775	0.763926	-1.30903	0.429737	1.10951	1.10951	0.119952	1.24295	1.24295	6.68372	1.75942	0.23399	1
cg23777600	RBPJ;RBPJ;RBPJ;RBPJ	0.0190057	0.880804	0.927292	-1.07841	0.615158	0.77491	-1.29047	0.0148515	4.51552	4.51552	0.0194087	4.14487	4.14487	0.778306	0.86763	-1.15256	0.00165351	9.63451	9.63451	0.0232803	3.91247	3.91247	0.16535	2.10524	2.10524	0.661777	1.24789	1.24789	4.78657	19.1864	3.563	1
cg06812693	RBPJ;RBPJ;RBPJ;RBPJ	0.0214289	0.115374	0.899226	-1.11207	0.117918	1.11111	1.11111	0.708507	0.976964	-1.02358	0.0375867	1.16148	1.16148	0.0495187	0.870169	-1.1492	0.817063	1.01448	1.01448	0.00592785	0.799843	-1.25025	0.0956571	0.892633	-1.12028	0.1338	1.10555	1.10555	4.59516	0.280245	0.0542106	1
cg08535148	RBPJ;RBPJ;RBPJ;RBPJ	0.0260491	0.00695613	0.406546	-2.45975	0.743906	1.08817	1.08817	0.737016	1.09076	1.09076	0.0993517	0.627733	-1.59304	0.0109	0.438749	-2.27921	0.0919908	0.619937	-1.61307	0.979851	0.993511	-1.00653	0.41924	1.23706	1.23706	0.0480287	1.79062	1.79062	4.29524	4.51995	0.935392	1
cg25524530	RBPJ;RBPJ;RBPJ;RBPJ	0.0287332	0.445249	0.86259	-1.1593	0.0365986	1.58626	1.58626	0.00393902	2.08924	2.08924	0.221476	1.27649	1.27649	0.517017	1.13291	1.13291	0.696633	0.928279	-1.07726	0.0156632	0.56964	-1.7555	0.969689	1.00724	1.00724	0.680703	1.08177	1.08177	4.14977	2.37144	0.507968	1
cg24552391	RBPJ;RBPJ;RBPJ;RBPJ	0.0375987	0.316084	1.22197	1.22197	0.0186055	0.57592	-1.73635	0.0209017	0.584174	-1.71182	0.0531038	1.52963	1.52963	0.246757	1.26395	1.26395	0.980539	0.995294	-1.00473	0.0494024	1.54296	1.54296	0.917363	0.980128	-1.02027	0.467353	1.15376	1.15376	3.76773	2.23195	0.526566	1
cg21843114	RBPJ;RBPJ;RBPJ;RBPJ	0.0438655	0.162443	0.769375	-1.29976	0.0583362	0.686544	-1.45657	0.0252421	0.626396	-1.59643	0.288464	0.823883	-1.21376	0.0173932	0.601044	-1.66377	0.0830286	0.713623	-1.4013	0.00658878	0.537823	-1.85935	0.969657	1.00671	1.00671	0.0404385	0.659618	-1.51603	3.55933	1.74219	0.435085	1
cg21008671	RBPJ;RBPJ;RBPJ;RBPJ	0.0458651	0.540978	1.11402	1.11402	0.265039	1.22466	1.22466	0.190073	1.27396	1.27396	0.0498453	1.47741	1.47741	0.343455	0.843433	-1.18563	0.642741	1.08492	1.08492	0.00509935	0.524267	-1.90742	0.175514	0.777761	-1.28574	0.318466	1.19709	1.19709	3.50045	1.68759	0.42854	1
cg17886546	RBPJL	0.000142499	4.07E-05	3.07631	3.07631	5.95E-05	2.90317	2.90317	0.0812168	1.31976	1.31976	0.00034878	2.28254	2.28254	0.191963	1.21926	1.21926	0.103198	1.29154	1.29154	0.000112361	2.6489	2.6489	0.000430939	2.22412	2.22412	0.993576	1.00116	1.00116	20.1333	6.56891	0.290019	1
cg09854007	RBPJL	0.00124004	0.0159972	2.01582	2.01582	0.00129416	3.04733	3.04733	0.256814	1.3249	1.3249	0.931283	0.979708	-1.02071	0.230329	1.3487	1.3487	0.0521607	1.69054	1.69054	4.26E-05	6.35693	6.35693	0.00173281	2.89246	2.89246	0.0689835	1.62212	1.62212	11.0676	9.90452	0.795479	1
cg26751645	RBPJL	0.00149965	0.036517	3.34947	3.34947	0.00502205	6.33517	6.33517	0.131255	2.24887	2.24887	0.208944	1.93244	1.93244	0.0229814	3.86816	3.86816	0.0566437	2.9246	2.9246	5.20E-05	43.1182	43.1182	0.0010339	11.2172	11.2172	0.00650496	5.80708	5.80708	10.4803	41.0639	3.48284	1
cg01337825	RBPJL	0.0170674	0.0314216	1.37514	1.37514	0.188107	0.838588	-1.19248	0.265475	0.863756	-1.15773	0.660732	0.94578	-1.05733	0.180761	1.19646	1.19646	0.768792	0.963479	-1.03791	0.000890712	0.533568	-1.87418	0.152595	0.824172	-1.21334	0.248694	0.858826	-1.16438	4.96291	1.25216	0.224271	1
cg03695613	RBPJL;MATN4;MATN4;MATN4	2.08E-05	2.41E-06	0.255467	-3.9144	0.000352121	1.98222	1.98222	0.332134	1.12663	1.12663	0.00345785	0.62309	-1.6049	2.05E-05	0.358613	-2.78852	0.22861	0.860214	-1.1625	0.000273413	0.491373	-2.03511	0.0894359	0.799992	-1.25001	0.0580803	0.774718	-1.29079	33.5072	7.53597	0.199916	1
cg22809920	RBPJL;MATN4;MATN4;RBPJL;MATN4	0.0134627	0.0151693	4.12997	4.12997	0.00198095	7.98358	7.98358	0.0465261	2.95621	2.95621	0.115488	2.25588	2.25588	0.123949	2.20805	2.20805	0.0367401	3.1698	3.1698	0.0050002	5.84791	5.84791	0.00748716	5.13893	5.13893	0.0710312	2.6087	2.6087	5.36838	19.2193	3.18231	1
cg16757724	RBPJL;MATN4;MATN4;RBPJL;MATN4	0.0146993	0.587026	1.16125	1.16125	0.123016	1.57692	1.57692	0.145105	1.53195	1.53195	0.0494609	1.84247	1.84247	0.0672754	1.7489	1.7489	0.0100706	2.42367	2.42367	0.000785346	3.99044	3.99044	0.0151125	2.25652	2.25652	0.0317835	1.98588	1.98588	5.21547	6.13809	1.04613	1
cg19567193	RBPMS2	0.00273526	0.364143	0.823179	-1.2148	0.0148941	1.86798	1.86798	0.634198	1.10519	1.10519	0.00466545	2.1923	2.1923	0.00225621	0.409892	-2.43966	0.0531646	1.58154	1.58154	0.750016	0.935478	-1.06897	0.00100097	2.77142	2.77142	0.349559	1.22253	1.22253	8.79561	6.06463	0.612894	1
cg00656513	RBPMS2	0.00967162	0.00389736	0.417686	-2.39414	0.0107065	0.486465	-2.05565	0.706501	1.0887	1.0887	0.307862	1.26759	1.26759	0.00214069	0.379532	-2.63482	0.189038	1.36695	1.36695	0.144964	0.703524	-1.42141	0.380054	1.22419	1.22419	0.458999	0.844186	-1.18457	5.97399	4.77481	0.710459	1
cg08209769	RBPMS2	0.0255469	0.0142995	0.416585	-2.40047	0.122384	0.615515	-1.62466	0.00437298	0.331736	-3.01445	0.0193873	0.440658	-2.26933	0.0147703	0.419098	-2.38608	0.0591913	0.539289	-1.85429	0.0561271	0.53415	-1.87213	0.677431	0.885804	-1.12892	0.0415382	0.505977	-1.97637	4.32452	5.75511	1.18294	1
cg22423363	RBPMS2	0.0271167	0.07417	1.77484	1.77484	0.0457816	0.51674	-1.93521	0.00306729	0.310689	-3.21865	0.650656	0.876826	-1.14048	0.029292	0.476948	-2.09666	0.770944	0.919272	-1.08782	0.458089	0.804241	-1.24341	0.420864	1.26757	1.26757	0.353677	1.31672	1.31672	4.23525	5.5764	1.17037	1
cg25840536	RBPMS2	0.034913	0.124739	0.610324	-1.63847	0.0221509	0.44268	-2.25897	0.0250722	0.453038	-2.20732	0.223522	0.683897	-1.46221	0.00334456	0.305333	-3.27512	0.0131094	0.400894	-2.49442	0.173164	0.650107	-1.53821	0.715994	0.897132	-1.11466	0.152704	0.634421	-1.57624	3.87061	5.41083	1.2426	1
cg18210365	RBPMS2	0.0386474	0.122053	0.598424	-1.67106	0.669248	1.14072	1.14072	0.696893	0.886984	-1.12742	0.850409	1.05955	1.05955	0.0012973	0.237972	-4.20217	0.256109	0.695452	-1.43791	0.0204994	0.425138	-2.35218	0.551093	0.831286	-1.20296	0.213803	0.669619	-1.49339	3.72999	5.54523	1.32148	1
cg00408026	RBPMS2;RBPMS2	0.000967577	0.000278522	0.377545	-2.64869	0.945469	1.01127	1.01127	0.530213	1.10978	1.10978	0.759849	1.05151	1.05151	0.892508	1.02239	1.02239	0.131306	0.765777	-1.30586	0.00679698	0.562977	-1.77627	0.0189429	1.59281	1.59281	0.000405838	2.51089	2.51089	11.877	5.04752	0.377764	1
cg17467243	RBPMS;RBPMS;RBPMS	0.00949968	0.00964046	0.373448	-2.67775	0.0107424	2.6215	2.6215	0.700816	0.890411	-1.12308	0.82146	0.934301	-1.07032	0.0103862	0.378951	-2.63886	0.14767	0.626858	-1.59526	0.0475051	0.505838	-1.97692	0.00754035	0.355699	-2.81137	0.058866	0.526502	-1.89933	6.00826	8.60161	1.27256	1
cg19124927	RBPMS;RBPMS;RBPMS	0.0368611	0.181578	0.789939	-1.26592	0.126755	0.759846	-1.31606	0.140249	1.30191	1.30191	0.282837	0.830647	-1.20388	0.500397	0.892497	-1.12045	0.154373	0.776081	-1.28852	0.00439624	1.88198	1.88198	0.319242	1.18667	1.18667	0.165523	1.27881	1.27881	3.79506	1.66175	0.38922	1
cg23760732	RBPMS;RBPMS;RBPMS	0.0399861	0.173257	0.548024	-1.82474	0.0148519	0.288311	-3.46848	0.0262962	0.334965	-2.98539	0.0390352	0.371029	-2.6952	0.00730802	0.237974	-4.20214	0.931116	0.964753	-1.03653	0.0601517	0.414783	-2.4109	0.977307	1.01188	1.01188	0.0681935	0.428445	-2.33402	3.68361	10.0499	2.42514	1
cg21622977	RBPMS;RBPMS;RBPMS;RBPMS	0.000161652	0.0331736	0.571471	-1.74987	0.00741902	0.460711	-2.17056	0.0196664	0.530876	-1.88368	0.0211906	1.86383	1.86383	9.64E-06	0.11752	-8.50916	0.839958	0.95558	-1.04648	0.987207	0.996404	-1.00361	7.58E-05	0.199309	-5.01733	0.0127183	0.498708	-2.00518	19.4602	15.5626	0.710855	1
cg14658362	RBPMS;RBPMS;RBPMS;RBPMS	0.000238405	0.794696	1.03273	1.03273	0.895998	1.01628	1.01628	0.033647	1.35856	1.35856	0.0438088	0.751145	-1.3313	0.570804	0.931698	-1.07331	7.56E-06	0.296538	-3.37225	0.709597	0.954854	-1.04728	0.0285126	1.376	1.376	0.00225816	1.69519	1.69519	17.5151	4.23067	0.214706	1
cg00447833	RBPMS;RBPMS;RBPMS;RBPMS	0.000460492	0.054131	0.594115	-1.68318	0.388103	0.810002	-1.23456	0.0272254	1.8637	1.8637	?	?	?	0.520976	1.16763	1.16763	2.10E-05	0.129647	-7.71325	0.0145643	0.488308	-2.04789	0.0122152	2.10383	2.10383	0.257275	0.754547	-1.3253	14.9778	11.9655	0.798877	1
cg24955400	RBPMS;RBPMS;RBPMS;RBPMS	0.00109274	0.249764	0.793143	-1.26081	0.000133822	0.279352	-3.57971	0.000281957	0.318663	-3.13811	0.0183046	0.575965	-1.73622	0.0905912	1.43226	1.43226	0.724609	1.07053	1.07053	0.156886	1.33873	1.33873	0.604636	0.904263	-1.10587	0.0286559	0.608125	-1.6444	11.4739	6.74608	0.522624	1
cg14326263	RBPMS;RBPMS;RBPMS;RBPMS	0.00203723	0.298878	1.1335	1.1335	0.113936	0.81862	-1.22157	0.0206952	0.723107	-1.38292	0.139393	1.20336	1.20336	0.00703232	1.50007	1.50007	0.000392743	1.92958	1.92958	0.0221408	1.37609	1.37609	0.0212972	0.724631	-1.38001	0.25721	0.871438	-1.14753	9.59021	2.05708	0.190665	1
cg03408619	RBPMS;RBPMS;RBPMS;RBPMS	0.00328867	0.000839994	8.49334	8.49334	0.000459756	10.471	10.471	0.154012	1.9154	1.9154	0.0214417	3.24422	3.24422	0.308332	1.56682	1.56682	0.0103596	3.95589	3.95589	0.318777	0.6448	-1.55087	0.00725573	4.37141	4.37141	0.0771523	2.30923	2.30923	8.32733	23.9203	2.55334	1
cg22431992	RBPMS;RBPMS;RBPMS;RBPMS	0.00351995	0.0316756	0.323045	-3.09555	0.482864	0.726203	-1.37702	0.780939	0.882443	-1.13322	0.542938	1.31818	1.31818	0.000383208	0.0786193	-12.7195	0.133301	2.06778	2.06778	0.00169219	0.133681	-7.48049	0.448491	1.41412	1.41412	0.0118113	0.244053	-4.09747	8.15991	26.0073	2.83307	1
cg09938213	RBPMS;RBPMS;RBPMS;RBPMS	0.00480988	0.0224061	0.304882	-3.27996	0.910284	1.05016	1.05016	0.00185888	0.146978	-6.80372	0.0417511	0.360932	-2.77061	0.00070049	0.106025	-9.43176	0.0252793	0.315083	-3.17377	0.00350709	0.179182	-5.58093	0.109302	0.468537	-2.1343	0.0163033	0.279364	-3.57956	7.42586	22.1723	2.65406	1
cg03952724	RBPMS;RBPMS;RBPMS;RBPMS	0.00561891	0.00296011	0.46803	-2.13661	0.00634684	0.516197	-1.93725	0.507727	0.882439	-1.13322	0.688952	0.927851	-1.07776	0.000400433	0.35061	-2.85217	0.0305433	0.623124	-1.60482	0.697712	0.929934	-1.07534	0.0747156	0.691106	-1.44696	0.0132539	0.564804	-1.77053	7.08087	3.88429	0.48761	1
cg09955705	RBPMS;RBPMS;RBPMS;RBPMS	0.00606492	0.0110167	0.470322	-2.1262	0.0929069	0.645789	-1.54849	0.00162396	0.343594	-2.91041	0.00371369	0.395666	-2.52739	0.00419223	0.403623	-2.47756	0.238406	0.746701	-1.33922	0.00201849	0.356916	-2.80178	0.0664313	0.614528	-1.62727	0.0549835	0.597669	-1.67317	6.91614	6.12848	0.787656	1
cg26971928	RBPMS;RBPMS;RBPMS;RBPMS	0.00609286	0.500275	1.09304	1.09304	0.0318285	0.720997	-1.38697	0.165398	1.21212	1.21212	0.768172	0.962296	-1.03918	0.00221007	0.572513	-1.74669	0.671143	1.0571	1.0571	0.00206698	1.7578	1.7578	0.431798	1.10995	1.10995	0.0359127	1.37347	1.37347	6.90632	1.84918	0.238001	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3527 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg21855581	RBPMS;RBPMS;RBPMS;RBPMS	0.00662371	0.0288378	0.594513	-1.68205	0.030443	0.598586	-1.6706	0.00892647	0.511123	-1.95648	0.694829	0.932936	-1.08006	0.315402	0.315706	0.775606	1.00935	1.01935	0.16382	1.3495	1.3495	0.01483007	0.6438555	-1.53633	0.176214	0.74807	-1.33677	0.72986	4.3385	0.578335	1
cg13455434	RBPMS;RBPMS;RBPMS;RBPMS	0.00673553	0.0240268	0.333842	-2.99543	0.021117	0.322968	-3.09628	0.0350419	0.367525	-2.7209	0.0345502	0.363214	-2.7532	0.0345104	0.272455	0.282729	0.348094	0.108315	0.489688	-2.04212	0.000220997	0.0814484	-12.2777	0.0898833	0.466493	-2.14365	0.0222254	0.32724	-3.05586	0.69493	17.6132	2.33851	1
cg06705997	RBPMS;RBPMS;RBPMS;RBPMS	0.00963111	0.00235902	0.0741796	-13.4808	0.0283963	0.204657	-4.88622	0.022069	0.185743	-5.38379	0.466756	1.57479	1.57479	0.00183401	0.0662657	-15.0908	0.443808	1.61404	1.61404	1.008223	0.34145	-2.92868	0.0567615	0.266537	-3.75182	0.1042239	0.336502	-2.97175	5.982	35.6242	5.29355	1
cg23044884	RBPMS;RBPMS;RBPMS;RBPMS	0.0110745	0.1100676	0.392288	-2.54914	0.201485	0.483746	-2.06757	0.0343181	0.264343	-3.78296	0.885494	1.00606	1.00606	0.00112678	0.0757568	-13.2068	0.653018	0.78378	-1.27587	0.00129982	0.0803141	-12.4511	0.0785196	0.940219	-2.86353	0.0594257	0.318058	-3.14408	5.71341	26.2264	4.88028	1
cg05001531	RBPMS;RBPMS;RBPMS;RBPMS	0.0130759	0.011256	8.59311	8.559311	0.0142948	7.74125	7.74125	0.0158323	7.40613	0.322582	1.99809	1.99809	0.00874721	0.60777	9.60777	0.163802	2.73628	2.73628	0.00173586	0.0383288	4.99865	0.03487	0.238652	5.82868	0.0182	5.41984	0.0139	39.3926	6.66065	1
cg26383811	RBPMS;RBPMS;RBPMS;RBPMS	0.0148581	0.0753229	0.763851	-1.30939	0.0940678	0.776565	-1.28772	0.62838	1.06929	1.06929	0.0149896	0.662745	-1.50888	0.00642556	0.6145402	-1.62733	0.311458	1.1547	1.1547	0.00892061	0.57936	1.57936	0.949701	1.0087	1.0087	0.616673	0.933022	-1.07179	5.197	1.55312	0.265644	1
cg17221758	RBPMS;RBPMS;RBPMS;RBPMS	0.019732	0.573225	0.87697	-1.14029	0.0119737	2.06081	2.06081	0.164062	1.40843	1.40843	0.955842	1.01285	1.01285	0.179735	0.719902	-1.38908	0.629708	0.894	-1.1857	0.0178663	0.5147797	-1.94251	0.00595794	2.29178	2.29178	0.529061	0.863226	-1.15845	4.72616	3.98191	0.748912	1
cg26194738	RBPMS;RBPMS;RBPMS;RBPMS	0.0244447	0.956227	1.0214	1.01721	0.588329	1.17765	1.12765	0.000346482	0.282154	-3.54416	0.440465	1.1888	1.1888	0.717648	0.923272	-1.0831	0.680243	0.912634	-1.09538	0.2820917	0.7824488	-1.27797	0.9105332	1.10202	1.02922	0.8541853	0.900363	-1.04127	4.99136	3.36218	0.680363	1
cg26541854	RBPMS;RBPMS;RBPMS;RBPMS	0.0131051	0.0769314	0.72155	-1.72155	0.0772796	0.992172	-1.00789	0.827818	1.062	1.062	0.0484888	0.536583	-1.86365	0.485112	1.21643	1.21643	0.158179	0.659239	1.5169	0.935976	1.02244	1.02244	0.00424199	0.877902	2.87792	0.0364534	1.95715	1.95715	0.145036	4.87375	1.07378	1
cg08790301	RBPMS;RBPMS;RBPMS;RBPMS	0.0314559	0.202176	0.745514	-1.34136	0.0485979	0.611831	-1.63444	0.100726	0.677483	-1.47605	0.240009	1.30775	1.30775	0.288238	1.27182	1.27182	0.0597637	1.58928	1.58928	0.0245373	1.79352	1.79352	0.040136	0.596181	-1.67734	0.503274	1.15968	1.15968	0.01844	3.0271	0.669603	1
cg08774902	RBPMS;RBPMS;RBPMS;RBPMS	0.0371059	0.0178336	0.343719	-2.90911	0.0132542	0.594317	1.59437	0.0433	0.384091	0.8314455	0.227274	-2.54424	0.411998	0.567427	-1.47936	0.0507554	0.604036	1.54261	0.0314061	0.348895	0.777533	-1.28736	0.113209	0.725151	-1.3789	0.0410884	0.348895	-2.87033	0.242007	-1.32992	3.78591	8.24227	1.93519	1
cg09272188	RBPMS;RBPMS;RBPMS;RBPMS	0.0444817	0.0369163	1.68944	1.68944	0.180008	0.740004	-1.35134	0.0358835	0.588564	-1.69591	0.0664117	1.56119	1.56119	0.975918	1.00655	1.00655	0.445176	1.18342	1.18342	0.963248	1.01002	1.01002	0.0418834	0.6020346	-1.661	0.10156	0.678498	-1.47384	3.54084	2.6256	0.659129	1
cg05780722	RBPMS;RBPMS;RBPMS;RBPMS	0.0468089	0.762865	0.925467	-1.08266	0.0478603	0.374249	-2.67202	0.154478	0.673238	-1.48538	0.315327	1.30078	1.30078	0.262728	1.55913	1.55913	0.839175	1.05478	1.05478	0.923267	1.02773	1.02773	0.074063	0.9901503	-1.00857	0.513429	0.840337	-1.19	1.47123	3.78244	0.9698661	1
cg03786224	RBPMS;RBPMS;RBPMS;RBPMS;RBPMS;RBPMS;RBPMS;RBPMS	0.0471129	0.0400357	0.42522	-2.35172	0.040785	0.426986	-2.342	0.0127012	0.327577	-3.05272	0.896539	1.048	1.048	0.00795802	0.2934551	0.40772	0.0852772	0.5038	-1.98491	0.934162	0.970666	-1.03022	0.819384	1.08591	1.08591	0.369692	0.917504	-1.39372	3.46528	7.1268	1.82812	1
cg13490635	RBPMS;RBPMS;RBPMS;RBPMS	0.0214394	0.2998853	1.17484	1.00151401	0.198429	1.98429	0.0142796	0.55994	1.59394	0.8195465	0.966292	-1.03488	0.754572	1.04797	1.04797	0.161981	1.25102	1.25102	0.0795069	0.746825	-1.339	0.5304	0.909079	-1.10001	0.3575	1.15249	1.15249	0.549439	1.63687	0.316689	1
cg09202269	RBX1	1.76E-05	0.0288803	1.85946	1.85946	0.00349988	1.81049	1.81049	0.000493657	2.49658	2.49658	?	?	?	0.00029241	2.77961	2.77961	7.32E-05	0.255699	-3.91085	0.000812422	2.27522	2.27522	0.109723	0.800737	-1.24885	2.20E-06	0.0620626	-16.1128	143.957	26.8904	0.116746	1
cg00585752	RBX1	8.45E-05	0.00508082	1.15163	1.15163	0.00116279	1.19318	1.19318	0.00942197	1.13366	1.13366	0.421831	0.969207	-1.03177	0.0364165	1.09714	1.09714	0.000189395	0.7867	-1.27153	0.2010808	0.9469321	-1.05272	0.00935959	1.22769	1.22769	2.10E-05	1.38656	13.1621	0.533002	0.0204556	1
cg07288693	RBX1	0.0006091521	1.72E-05	0.0884884	-9.64766	0.0526577	1.7532	1.7532	0.36168	1.26665	1.26665	0.2365193	1.26882	1.26882	0.187195	1.42801	1.42801	0.0128289	2.19828	2.19828	0.0873755	1.76136	1.76136	0.0241126	0.663708	-1.50683	0.03554	1.43108	1.43108	0.914445	1.63687	0.316689	1
cg21454656	RBX1	0.00113137	0.419805	1.12203	1.12203	0.0799368	1.31181	1.31181	0.00670956	1.63414	1.63414	0.00145596	0.526072	-1.90088	0.00912223	0.629592	-1.58833	0.000211468	0.420109	-2.37519	0.0410065	0.73935	-1.39014	0.725768	0.951999	-1.05042	0.513174	0.911528	-1.09706	11.361	3.51085	0.274691	1
cg23138176	RBX1	0.00480524	0.00152272	0.407836	-2.45146	0.0325014	1.59437	1.59437	0.0643787	1.30491	0.8314455	0.870275	-1.14906	0.0721328	0.687907	-1.45353	0.0507554	0.604036	1.54261	0.0314061	0.348895	0.777533	-1.28736	0.113209	0.725151	-1.3789	0.0410884	0.348895	-2.87033	0.242007	-1.32992	3.78591	8.24227	1.93519	1
cg03644664	RBX1	0.00917169	0.242911	0.886524	-1.128	0.122039	1.17962	1.17962	0.298876	1.11597	1.11597	0.926077	0.990895	-1.00919	0.241073	0.886067	-1.12858	0.593097	1.0546	1.0546	0.00467047	0.58143	-1.7199	0.00752082	0.712451	-1.40361	0.183904	0.870273	-1.14906	0.6758	0.934863	0.13677	1
cg10781403	RBX1	0.0295948	0.4639999	1.09145	-1.18094	0.409332	2.12737	2.12737	0.0148274	1.23376	1.23376	0.0127966	0.822127	1.21963	0.847686	1.045	1.045	0.0493157	2.79192	2.79192	0.0128102	0.9553559	1.03372	1.03372	0.0258102	0.9455578	-1.83293	0.0178035	1.14163	1.14163	0.430045	1.98308	0.707716	1
ch.22.7288078	RBX1	0.0497227	0.413798	1.14106	1.14106	0.00662494	0.573121	-1.74483	0.108465	0.758518	-1.31836	0.253674	0.828382	-1.20717	0.367005	0.863838	-1.15762	0.0447908	1.4388	1.4388	0.161995	0.78891	-1.26597	0.882158	0.976844	-1.0237	0.108449	0.758381	-1.3186	3.3953	1.34148	0.3512	1
cg00151565	RCJH1	0.0131703	0.102274	0.616054	-1.62324	0.085447	1.00495	1.00495	0.187965	1.45695	1.45695	0.163605	1.49594	0.311443	0.926077	0.990895	-1.00919	0.241073	0.886067	-1.12858	0.593097	1.0546	1.0546	0.00467047	0.58143	-1.7199	0.00752082	0.712451	-1.40361	0.183904	0.870273	-1.14906	0.6758	0.934863	0.13677	1
cg14431036	RCJH2	0.0010503944	0.916523	0.982725	0.2579158	0.0443367	1.46126	1.46126	0.464657	1.3156	1.3156	0.0420638	1.03372	1.03372	0.0761205	1.02315	1.02315	0.953781	1.01254	1.01254	0.0944646	1.188-05	0.237778	-4.20559	0.47547	0.886376	-1.12819	0.0650698	0.70871	-1.41097	0.19447	0.68266	0.188417	1
cg14134106	RCJH2;RCJH2	0.0183082	0.276539	0.769459	-1.29961	0.588505	0.881196	-1.13482	0.717196	0.08787	1.08787	0.052659	1.66542	1.66542	0.0214225	1.89648	1.89648	0.079579	0.637279	-1.56917	0.00774271	0.4529344	-2.20783	0.0240099	1.86523	1.86523	0.907508	1.02728	1.02728	4.84735	4.11607	0.75479	1
cg12123476	RCJH2;RCJH2	0.0389946	0.549204	1.1514	1.1514	0.0170419	1.19386	1.19386	0.0533287	1.25763	1.25763	0.102185	0.672513	1.3196	1.31096	0.795584	1.26227	0.543824	1.11564	1.11564	0.0102525	1.378021	-2.64535	0.0905198	1.0045597	1.73357	0.173557	0.37987	3.18835	0.767877	1
cg14528930	RCJH2;RCJH2;RCJH2;RCJH2	0.0219242	0.5910007	0.948123	-1.05472	0.6615485	1.214434	1.14019	0.316616	1.10701	1.10701	0.889245	0.98641	-1.01378	0.241885	1.12782	1.12782	0.218834	1.13541	1.13541	0.0006419	0.597814	-1.67276	0.472985	0.07432	1.07432	0.135053	0.859507	1.16356	0.459734	0.696333	0.135757	1
cg09175130	RCAN1;RCAN1	0.00501133	0.926872	1.01799	1.01799	0.0828864	0.688723	-1.45196	0.182119	0.7595563	-1.31655	0.37865	1.19171	1.19171	0.408127	1.17858	1.17858	0.0146247	1.33543	1.33543	8.87E-05	0.255825	-3.90892	0.546652	0.888286	-1.12576	0.967206	0.992048	-1.00802	7.33353	4.38009	0.530906	1
cg26153578	RCAN1;RCAN1	0.0126763	?	?	?	?	?	?	?	?	?	?	?	?	0.00405363	2.35441	2.35441	0.0046247	0.424734	2.35441	?	?	?	?	0.123714	0.466054	2.14567	0.16493	0.243143	4.11243	1.60912	1
cg08226146	RCAN1;RCAN1	0.0258542	0.307923	0.843737	-1.1852	0.601157	0.918589	-1.08863	0.380478	1.15585	1.15585	0.262303	0.828466	-1.20705	0.338034	0.852589	1.17235	0.00391499	0.535167	-1.86858	0.00717722	0.571373	-1.75017	0.458653	1.12918	1.12918	0.0842955	1.3598	1.35998	4.30652	1.76795	0.364915	1
cg06533190	RCAN1;RCAN1	0.0274719	0.0018843	0.343973	-2.90728	0.0132542	0.594317	1.59437	0.0433	0.384091	0.8314455	0.227274	-2.54424	0.411998	0.567427	-1.47936	0.0507554	0.604036	1.54261	0.0314061	0.348895	0.777533	-1.28736	0.113209	0.725151	-1.3789	0.0410884	0.348895	-2.87033	0.242007	-1.32992	3.78591	8.24227	1.93519	1
cg05809186	RCAN1;RCAN1;RCAN1	0.00641346	0.00160652	0.748878	-1.33533	0.0229277	2.18997	1.18997	0.541278	1.04032	1.04032	0.0206494	0.836825	-1.19499	6.26E-05	0.62417	1.60213	0.0258887	1.8688316	-1.15099	0.000710025	0.719184	-1.39046	0.0380947	0.857573	-1.16608	0.315329	0.935795	1.06861	13.3335	2.862652	0.0575094	1
cg16766527	RCAN1;RCAN1;RCAN1	0.00394575	0.00146027	0.256187	-3.90339	0.0255271	0.455511	-2.19534	0.0830816	0.566338	-1.76573	0.143997	0.628067	-1.59219	0.0581361	0.530192	-1.88611	0.0923806	1.73124	1.73124	0.00549996	0.203954	-4.90307	0.597491	1.17103	1.17103	0.0191492	0.43256	-2.31182	7.88487	10.964	1.23601	1
cg13707794	RCAN1;RCAN1;RCAN1	0.00474321	0.205051	0.748498	-1.33595	0.0229277	2.18997	1.18997	0.541278	1.04032	1.04032	0.0206494	0.836825	-1.19499	0.0581361	0.530192	-1.88611	0.0923806	1.73124	1.73124	0.00549996	0.203954	-4.90307	0.597491	1.17103	1.17103	0.0191492	0.43256	-2.31182	7.88487	10.964	1.23601	1
cg21301258	RCAN1;RCAN1;RCAN1	0.0261468	0.0155241	0.207739	-4.81374	0.106093	0.392817	-2.54572	0.0118156	0.189312	-5.28229	0.223571	0.508144	-1.96794	0.0923006	0.374965	-2.66692	0.769164	0.855731	-1.16859	0.00294238	0.115091	-8.68875	0.604481	1.31869	1.31869	0.0507766	0.307823	-3.24862	4.28963	19.0424	3.94593	1
cg08250135	RCAN2	4.16E-05	0.0026347	0.280297	0.1883598	0.0196679	0.125521	0.0010347	0.0048099	0.33303	1.95303	0.0023829	0.531495	-1.58354	0.00480993	0.33303	1.95303	0.0003592	0.1660567	0.1660567	0.00407004	0.0001838	1.66467	0.0001547	0.0001838	1.66467	0.0001547	0.0001838	1.66467	0.0001547	0.0001838	1.66467	0.0001547	1
cg18116815	RCAN2	0.0270955	0.200337	0.802844	-1.24557	0.7157117	1.06117	0.956429	1.0085	1.0085	1.0085	0.187427	1.25458	1.25458	0.139791	0.772653	1.29424	0.0029539	1.93661	1.93661	0.0079766	1.73707	1.73707	0.934478	1.01344	1.01344	0.711699	1.06211	1.06211	4.23641	1.76816	0.370998	1
cg00782811	RCAN2	0.0499971	0.229605	0.66876	-1.49531	0.00134187	0.225914	-4.42647	0.177439	0.632821	-1.58022	0.658202	1.15272	1.15272	0.317455	0.719006	-1.39081	0.5454	1.14128	1.14128	0.385494	0.752757	-1.32845	0.0671772	0.519496	-1.92494	0.951448	1.01963	1.01963	3.3882	5.4684	1.43462	1
cg24446923	RCAN2	0.0401	0.4476-05	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	3.40E-07	0.178053	-5.61	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	1
cg02994588	RCAN3	3.59E-05	0.603514	0.96427	-1.03705	0.0421948	0.849997	-1.17647	0.00354344	0.759972	-1.31584	0.0894415	0.870606	-1.13887	0.235861	1.09009	0.09009	0.497134	0.953257	-1.04904	0.106148	0.884674	-1.13036	5.59E-07	2.61752	2.61752	0.771609	1.02042	1.02042	0.94295	2.21913	0.6678838	1
cg01257888	RCAN3	0.0452631	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	7.71E-06	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg20146241	RCAN3	0.00387087	0.521943	0.849993	-1.17648	0.0276811	0.91907	1.91907	0.817398	0.943726	-1.05963	0.22415	1.37681	1.37681	0.293624	0.761249	-1.31363	0.0516468	0.574273	-1.74133	5.38E-06	0.0758379	-13.186	0.164044	0.68946	-1.45041	0.45439	1.21025	1.21025	15.3383	15.233	0.882786	1
cg03131907	RCAN3	0.0006784412	0.0009043995	1.52E-07	0.154627	0.0148551	0.956847	-1.0451	0.340763	1.10251	1.10251	0.229713	0.882642	-1.13296	0.011947	0.727568	-1.37444	0.0716816	0.815536	-1.2262	0.14383	1.17262	1.17262	0.0114811	0.159195	0.659955	0.953228	1.04907	1.04907	3.31016	3.12526	0.763877	1
cg18128887	RCAN3	0.00320183	0.83557	0.934496	-1.07046	0.527541	1.52944	1.52944	0.191742	1.3568	1.3568	0.0368	1.2258	1.2258	0.180343	0.82894	-1.5898	0.568208	0.739878	-1.35157	0.0886043	1.15861	0.0075742	0.318391	-1.34078	0.038729	0.935006	1.00951	3.9042	14.1249	1.49576	0.0013	1
cg00716040	RCAN3	0.00935971	0.818994	0.960002	-1.04166	0.484836	1.13475	1.13475	0.128868	0.746572	-1.33946	0.172616	0.772212	-1.29498	0.605542	1.09722	1.09722	0.785512	0.952582	-1.04978	0.000334481	0.356852	-2.80228	0.0042118	0.505349	-1.97883	0.175477	0.773702	-1.29249	0.03672	3.03219	0.446481	1
cg01539464	RCAN3	0.0975797	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	1.90802	0.2286571	1.40744	1.40744	0.0044594	0.4403566	-2.27179	0.0011583	1.2709986	-1.62337	0.738679	1.27677	1.27677	0.0089	5.80558	0.03027	1
cg26692740	RCAN3	0.0205612	0.693004	0.837755	-1.14449	0.71667	0.883414	-1.13197	0.28784	0.687061	-1.45547	0.388971	0.715176	-1.39826	0.973138	1.01152	1.01152	0.0616157	0.489001	-2.04494	0.00485582	0.155652	-6.42457	0.014449	0.35873	-2.78761	0.678818	0.867947	-1.15214	4.66047	0.53875	1.62859	1
cg25140782	RCAN3	0.0460948	0.705262	0.890961	-1.12238	0.123249	1.66078	1.66078	0.827181	1.04687	1.04687	0.316869	0.818259	1.22836	0.581429	0.847471	-1.17978	0.2079	0.644051	-1.55291	0.0216552	0.395814	-2.52643	0.00741801	0.952507	-2.68634	0.756304	0.929599	1.07529	1.14884	0.527349	1.24567	1
cg02850329	RCAN3;RCAN3	0.06063	0.963453	0.994636	-1.00536	0.318658	0.54118	1.12418	0.0665	0.914993	1.14493	0.0860802	0.924936	1.24936	0.00526299	0.640255	-1.54023	0.0404095	1.33033	1.33033	0.0006831731	0.535578	-1.86714	0.0705814	0.76492	-1.30402	0.694519	0.954726	-1.04742	6.91893	1.50986	0.193975	1
cg25065097	RCBTB1	0.00024345	0.108972	0.645184	-1.54994	0.58E-05	1.31385	0.0106831	2.23561	2.23561	0.048194	1.7613	1.7613	0.0171397	0.545184	1.83424	0.829706	0.1054	0.0255237	0.51125	-1.94837	0.0183585	0.488026	-2.04907	0.181279	1.42731	1.42731	0.14155	17.3352	0.884793	1
cg11801959	RCBTB1	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	0.161915	1
cg16533672	RCBTB1	0.00092107	0.0424628	1.26262	1.26262	0.249596	0.88684	-1.1276	0.0614247	0.810335	-1.23406	0.0448116	1.25842	1.25842	0.00358318	1.48247	1.48247	0.200773	1.14438	1.14438	0.908033	0.988533	-1.0116	0.157309	1.16292	1.16292	0.0113234	0.728692	-1.37232	5.92561	0.934795	0.140227	1
cg25835954	RCBTB1	0.0129987	0.303317	1.11417	1.11417	0.665458	0.956847	-1.0451	0.340763	1.10251	1.10251	0.229713	0.882642	-1.13296	0.011947	0.727568	-1.37444	0.0716816	0.815536	-1.2262	0.14383	1.17262	1.17262	0.0114811	0.159195	0.659955	0.953228	1.04907	1.04907	3.31016	3.12526	0.763877	1
cg02665154	RCBTB1	0.0201763	0.912748	0.14941	1.01442	0.1919999	1.44772	1.44772	0.0361041	1.37479	1.37479	0.142487	1.22861	1.22861	0.0376332	1.729838	1.37017	0.719884	1.38911	?	?	1.04578	1.23	1.23	1.212174	2.45232	1.47756	1.14659	0.240093	1
cg15227275	RCBTB2	0.0078951	0.0372341	0.671274	-1.4897	0.0254737	1.54903	1.54903	0.0504821	1.44399	1.44399	0.292871	1.19705	1.19705	0.00217143	0.49208	-2.03219	0.0542035	0.697585	-1.43352	0.0408625	0.6777	-1.47558	0.49471	0.892001	-1.12107	0.0891719	0.73421	-1.36201	6.37054	2.74103	0.382459	1
cg02552250	RCBTB2	0.0076818	0.0293154	0.671274	-1.4897	0.0254737	1.54903	1.54903	0.0504821	1.44399	1.44399	0.292871	1.19705	1.19705	0.00217143	0.49208	-2.03219	0.0345491	0.697585	-1.43352	0.0408625	0.6777	-1.47558	0.49471	0.892001	-1.12107	0.0891719	0.73421	-1.36201	6.37054	2.74103	0.382459	1
cg27317694	RCBTB2	0.01712209	0.284908	0.657532	-1.52084	0.879545	1.01948	1.05948	0.740416	1.31938	1.31938	0.960612	1.01882	1.01882	0.0310813	0.384729	1.59924	0.0776184	0.476955	-2.09664	0.00613627	0.31651	-7.32544	0.231214	1.60644	1.60644	0.194381	0.595593	1.6959	-1.67711	1.18672	2.00571	1
cg18710551	RCBTB2	0.0182119	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00143700	RCBTB2	0.0366821	0.52308	0.913264	-1.09497	0.0037558	1.577874	-1.73048	0.0114593	0.641799	-1.55812	0.0827212	0.763858	-1.30914	0.808303	0.9665	1.03466	0.286485	0.856275	-1.16785	0.0669497	0.746847	-1.33361	0.227499	0.83728	-1.19434	0.207428	1.20485	1.20485	1.80118	1.18327	0.276657	1
cg00750684	RCBTB2	0.0435034	0.00820464	0.749119	-1.3349	0.280062	1.10065	1.10065	0.174844	1.13117	1.13117	0.911978	1.00884	1.00884	0.0160642	0.812137	-1.23132	0.641974	1.0408	1.0408	0.037995	0.814271	-1.22809	0.269643	1.10316	1.10316	0.939818	0.993572	-1.00647	3.57035	0.412469	0.10269	1
cg08039564	RCBTB2;RCBTB2	0.01744273	0.29761	0.638361	-1.56651	0.308993	1.54868	1.54868	0.040033	2.79538	2.79538	0.157747	0.529293	-1.88931

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(147T vs. N)	p-value(347T vs. N)	p-value(437T vs. N)	p-value(353T vs. N)	p-value(537T vs. N)	Fold-Change(5 vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(5 vs. 537T vs. N)	p-value(563T vs. N)	Fold-Change(5 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg16139785	RCOR1	0.00842038	0.0009538	0.183842	-1.38092	0.425511	0.757171	-1.32071	0.973838	0.988853	-1.01127	0.351132	0.720347	-1.38822	0.00294228	0.247603	-4.03872			0.934832	0.972433	-1.02835	0.0514694	0.468673	-1.13369	0.166549	1.65565	0.65565	0.0112119	0.337491	-2.96304	6.24255	11.5521	1.64493	1
cg19759454	RCOR1	0.0250911	0.375451	0.842337	-1.18717	0.136422	0.738858	-1.35344	0.55689	1.11859	0.636165	0.914037	-1.09405	0.388224	0.846366	-1.18152				0.152395	1.33529	1.33529	0.00257032	0.453006	-2.20748	0.814943	1.04522	1.04522	0.0356745	0.504378	-1.58434	0.972358	2.45205	0.500859	1
cg17773636	RCOR1	0.0365139	0.0268896	0.728376	-1.37292	0.717717	0.956319	-1.04568	0.745568	1.04087	1.04087	0.725394	0.957542	-1.04434	1.18209	1.19034	1.19034			0.0047113	0.630026	-1.58724	0.0221612	0.711066	-1.40634	0.0846361	0.790859	-1.26445	0.233343	0.857505	-1.16617	1.80816	0.912837	0.213072	1
cg16705665	RCOR1	1.37E-06	0.6016267	-1.65119	0.905577	0.991766	-1.0083	-1.00408	1.16885	1.16885	1.000676008	1.707071	-1.4103	1.01E-07	1.01292	-3.13187				1.387636	1.06032	1.06032	2.86E-07	1.988123	-2.76648	0.842462	0.986592	-1.01325	0.003007	0.764046	-1.30882	67.6048	4.68553	0.0616069	1
cg12527260	RCOR2	0.003764724	0.105178	0.860992	-1.16545	0.00318271	0.610912	-1.6369	?	?	?	0.0261039	1.25003	1.25003	0.399783	1.07559	1.07559			0.001607	1.46591	1.46591	0.0115329	1.220203	0.000432715	1.60884	1.60884	15.976	1.60738	0.100612	1
cg14339451	RCOR2	0.00203307	0.003687726	0.493152	-2.02797	0.559748	0.899219	-1.12308	0.0571013	1.47363	1.47363	0.821732	1.041949	0.0573131	0.678784	-1.47303				0.068928	0.693061	-1.44287	0.844966	0.960353	-1.03589	0.00025812	2.95417	2.95417	0.0198129	1.659949	9.59592	4.93082	4.56752	1
cg23957915	RCOR2	0.0311077	0.209651	0.771378	-1.29638	0.433075	0.855326	-1.16914	0.312821	0.815166	-1.22674	0.817931	1.04594	1.04594	0.197193	1.30705	1.30705			0.632548	1.09847	1.09847	0.00106597	2.73205	2.73205	0.19768	1.30662	1.30662	0.25603	1.26165	1.26165	4.43794	2.6094	0.457315	1
cg01949758	RCOR2;RCOR2	0.000347952	0.120875	0.13814	1.23814	0.1122205	0.802832	-1.24561	0.00323089	0.4660067	-2.1736	0.00513605	0.625352	-1.59905	0.0612368	1.30715	1.30715			0.0277504	1.39167	1.39167	1.37E-05	2.47625	2.47625	0.22354	1.17633	1.17633	0.869426	0.979334	-1.02111	15.7947	4.03432	0.227042	1
cg06935598	RCOR3;RCOR3;RCOR3;RCOR3	0.00753241	0.00433002	0.200236	-1.94515	0.0485429	4.98472	4.98472	0.00535088	0.45645	0.640	0.320348	0.88954	1.08954	0.0238314	0.324234	-2.99192			0.446447	0.744981	-1.34232	0.231174	0.617874	-1.61845	0.71665	1.34744	1.34744	0.473541	1.31826	1.31826	8.89717	10.6494	1.42737	1
cg04084401	RCOR3;RCOR3;RCOR3;RCOR3	0.0120658	?	?	?	2.00539	0.52658	-1.89905	0.116431	2.26808	2.26808	0.584018	1.30399	1.30399	0.0168395	0.246591	-4.05529			0.00630686	0.18128	-5.51633	?	?	?	0.147568	2.10837	2.10837	0.0359194	3.2271	3.2271	5.80917	16.4905	3.24422	1
cg15472282	RCOR3;RCOR3;RCOR3;RCOR3	0.0304906	0.150593	1.22517	1.22517	0.0176101	0.686651	-2.46273	0.0455388	1.16757	1.16757	0.0685553	1.30624	1.30624	0.0681755	1.30626	1.30626			0.58037	1.10758	1.10758	0.0238538	0.7278739	1.40852	1.40852	0.0685553	1.30624	1.05304	0.764369	1.04042	4.06618	13.1886	0.244589	1
cg07391610	RCOR3;RCOR3;RCOR3;RCOR3;RCOR3;R	0.00442244	0.0185628	0.63059	-1.58582	0.0274452	1.524	1.524	0.0075024	1.7435	1.7435	0.991277	1.00177	1.00177	0.000245178	0.375752	-2.66133			0.000236405	0.373775	-2.67541	0.366249	1.16177	1.16177	0.00320465	0.522105	-1.91532	0.0157644	0.620094	-1.61266	14.973	6.18751	0.367329	1
cg22042144	COR3;RCOR3	0.00335208	0.385605	0.855626	-1.16874	0.284918	1.21496	1.21496	0.9139555	1.09113	1.09113	0.63749	0.920165	-1.08676	0.0102905	0.567383	-1.76248			0.000111913	0.30409	-3.28851	0.190982	1.229471	1.22471	0.69875	1.07059	1.07059	0.0133127	0.584152	-1.71188	8.28	4.02973	0.432606	1
cg01809639	RCSD1	0.00124112	0.00334613	0.334943	-1.58428	0.00385833	0.189892	-5.26515	0.00557187	0.3471	2.81853	0.00539808	0.552358	2.03995	0.0013224	0.307574	-3.25134			0.360383	0.761275	-1.31359	0.0125829	0.255127	-3.91962	0.00387854	0.321542	-3.11001	0.11648	14.7455	1.18467	1
cg25739016	RCSD1	0.00492582	0.0140872	0.574661	-1.74016	0.105565	0.723815	-1.38157	0.116818	0.732372	-1.36543	0.000753836	0.392969	-2.54473	0.009434949	0.547369	-1.82692			0.536975	0.892005	-1.12107	0.068163	1.45262	1.45262	0.0837287	0.707477	-1.4189	0.0028687	0.472451	-2.11662	7.37214	3.90175	0.47045	1
cg22937846	RCSD1	0.00494729	0.777504	0.931186	-1.07379	0.0812596	0.610118	-1.63903	0.0139126	0.447585	-2.23421	0.007143489	0.402144	-2.48667	0.000762323	0.267609	-3.7368			0.007862	2.44311	2.44311	0.0154485	0.846581	-1.18124	0.210888	1.39697	1.39697	0.2079315	0.714087	-1.40039	8.54408	8.38355	0.763164	1
cg16450524	RCSD1	0.01206556	0.011871	0.86241	1.16242	0.8624	0.0031144	2.41532	0.0373705	0.264423	0.626423	0.319081	1.35076	1.35076	0.0185495	0.543557	1.83964			0.040563	0.62639	0.026339	0.0030161	21.8596	21.8596	0.0238708	7.74842	7.74842	0.0257366	7.47546	7.47546	5.56265	50.8268	8.12045	1
cg01793445	RCSD1	0.0118701	0.104674	0.561491	-1.78097	0.6511056	0.503171	-1.98739	0.0171513	0.388556	-2.57363	0.21695	0.655223	-1.5262	0.565547	0.827754	-1.20809			0.0726739	1.91878	1.91878	0.170491	0.621867	-1.60806	0.0205252	2.48009	2.48009	0.9696658	1.01246	1.01246	3.99669	6.70901	1.49101	1
cg00695656	RCVRN	0.00884576	0.544788	1.68924	1.68924	0.219	0.6555	-1.9757	0.125858	0.8348	-1.22746	0.00313791	1.75626	1.75626	0.112417	1.27904	1.27904			0.0372538	1.40104	1.40104	0.0044699	0.58061	-1.69583	0.360582	2.07388	2.07388	0.0154	2.12067	5.14597	1.83932	2.8738	0.273831	1
cg13167465	RCVRN	0.0301591	0.226207	0.742241	-1.34727	0.749371	0.927572	-1.07808	0.0157748	0.499353	-2.00258	0.152109	1.43315	1.43315	0.00166794	0.348283	-2.87123			0.363367	0.803221	-1.24499	0.109081	0.66373	-1.50664	0.194302	0.724625	-1.38002	0.378754	0.809107	-1.23593	0.07916	3.55476	0.774617	1
cg27608313	RCVRN	0.0304383	0.541827	1.84562	1.84562	0.73284	0.727276	-1.37525	0.0853286	0.6855	-1.45849	0.16859	1.08792	1.08792	0.0410445	0.602703	-1.65955			0.0078312	1.1059	1.1059	0.3208	0.8004701	0.4171615	0.2994	1.73023	1.73023	0.0612334	0.57345	0.57345	4.74383	4.05852	0.378599	1
cg17746570	RCVRN	0.0307068	0.0156695	0.208021	-4.8072	0.173548	2.464186	-2.15431	0.0246617	0.242184	-4.12909	0.0575277	0.320304	-3.12203	0.0139282	0.199872	-5.00321			0.67322	1.25211	1.25211	0.124438	0.414072	-2.41504	0.0994608	2.60414	2.60414	0.132947	0.423479	-2.36139	4.05313	18.0337	3.95497	1
cg17454083	RD3;RD3	0.0009625	0.218443	0.718207	-1.39236	0.3297	1.289126	1.29326	0.0020695	0.329856	-3.03163	0.750734	1.08491	1.08491	6.21E-05	0.151458	-6.60248			0.0996638	0.630398	-1.5863	0.0946072	0.625513	-1.59967	0.000697736	0.266502	-3.75231	0.00527591	0.390443	-2.5612	11.8947	12.3172	0.920464	1
cg23388886	RD3;RD3	0.00312764	0.695852	1.43743	-1.45915	0.0038424	1.513299	1.11099	0.197971	1.4559	-1.46559	0.0018655	1.559256	2.93367	0.0013267	0.223803	-4.46911			0.00368402	0.545224	1.83425	0.0013545	1.274617	1.27417	0.140412	1.55019	1.55019	0.842582	1.01281	1.01281	1.07558			1
cg14264194	RD3;RD3	0.00365518	0.080095	2.04167	2.04167	0.0129719	3.10632	3.10632	0.907468	0.9585159	-1.04367	0.2521593	1.55221	1.55221	0.00477898	3.96227	3.96227			0.0146436	3.0187	3.0187	0.000215193	9.68579	9.68579	0.00281811	4.53772	4.53772	0.143569	1.78195	1.78195	0.80625	17.2663	1.90225	1
cg06440630	RD3;RD3	0.0152252	0.0465513	3.20869	3.20869	0.0127291	4.94622	4.94622	0.0178	0.45236	-3.45236	0.0151955	0.886608	2.88568	0.0015955	0.388316	-2.57473			0.67262	1.24261	1.24261	0.1292	0.5035891	0.5428615	0.628631	1.98343	1.98343	0.0156861	0.628631	0.628631	4.23777	4.23777	0.575121	1
cg00432780	RD3;RD3	0.0361919	0.248674	0.689992	-1.43063	0.4299272	1.270331	1.270331	0.11282	0.597395	-1.67393	0.294596	0.724097	-1.38103	0.000925812	0.231692	-4.31608			0.944943	0.976908	-1.02072	0.507495	1.22102	1.22102	0.340479	0.746962	-1.33876	0.11528	0.601387	1.66248	0.852045	0.336474	1.24168	1
cg24086592	RD3;RD3	0.046846	0.0213423	0.187016	-5.34713	0.102605	0.338756	-2.95197	0.0166738	0.170108	-5.87863	0.224466	0.461474	-2.16697	0.022914	0.192159	-5.20402			0.0204641	0.184035	-5.43374	0.0305538	0.214336	-4.66557	0.201717	0.441739	-2.26378	0.0488989	0.255905	-3.9077	1.4727	20.2016	5.17088	1
cg15836710	RDBP	6.78E-05	0.261091	1.818947	1.818947	0.0182683	3.829	3.829	0.0001	0.24023	-4.16099	0.125854	0.561	-1.78	0.0002166	0.087346	-11.4534			0.0013242	0.239972	-4.16701	0.0040275	0.561	-1.78	0.0002166	0.087346	-11.4534	0.0040275	0.561	-1.78	0.0002166	0.087346	-11.4534	1
cg13439406	RDBP	6.87E-05	0.0101713	0.682252	-1.46573	0.00064487	0.539355	-1.85407	0.314259	0.884464	-1.13063	0.000638477	0.538711	-1.85628	3.97E-06	0.282176	-3.54389			0.0725534	0.789497	-1.26663	0.84E-05	0.243521	-4.10613	0.14037	1.20578	1.20578	0.218157	1.16511	1.16511	0.474259	5.39499	0.195929	1
cg02015848	RDBP	0.00216691	6.57E-06	0.000154	6.49231	0.0001	0.022904	4.36675	0.0027637	0.022362	-44.7032	0.027637	0.080202	-12.4666	0.027637	0.080202	-12.4666			0.0001581	0.010237	0.010237	0.0001	0.082135	-12.1665	0.0001	0.082135	-12.1665	0.0001	0.082135	-12.1665	0.0001	0.082135	-12.1665	1
cg18626323	RDBP	0.00042595	0.0142919	0.511738	-1.95412	0.00039811	0.232588	-4.29944	0.452481	1.18498	1.18498	0.140808	0.703784	-1.42089	0.000148859	0.235667	-4.24327			0.0298444	0.567339	-1.76262	0.00112831	0.345502	-2.89434	0.01305631	0.57946	-1.72565	0.0055202	0.507253	-1.97941	14.9384	11.6337	0.692249	1
cg18744482	RDBP	0.00080348	0.0566411	0.145151	-6.88875	0.00014066	0.111069	1.11069	0.00145084	0.221345	2.23145	0.00930747	1.7678	1.7678	0.487775	0.885382	-1.12946			0.203747	1.26068	1.26068	0.0155617	1.664541	0.000135922	3.12822	3.12822	0.00829906	1.70998	0.179098	12.5168	5.91199	0.419845	1
cg00179438	RDBP	0.00163726	0.00581214	0.194945	-5.14955	0.00284624	0.132399	1.11099	0.197971	1.4559	-1.46559	0.0018655	1.559256	2.93367	0.0013267	0.223803	-4.46911			0.00369402	0.545224	1.83425	0.0013545	1.274617	1.27417	0.140412	1.55019	1.55019	0.842582	1.01281	1.01281	1.07558	0.709085	0.780985	1
cg16203771	RDBP	0.00349236	0.568659	1.12187	1.12187	0.535536	1.13342	1.13342	0.00041681	0.327157	-3.05663	0.917981	0.979649	-1.02077	0.78582	0.947081	-1.05588			0.000741484	0.359684	-2.78022	0.00613577	0.488791	-2.04169	0.669006	1.08964	1.08964	0.842638	1.04047	1.04047	6.17915	5.16135	0.560921	1
cg12460721	RDBP	0.00307463	0.307468	1.747904	1.747904	0.0806555	0.683635	-1.32007	0.0031025	0.145873	-2.41037	0.0152447	1.11709	1.11709	0.00892624	0.183444	-5.44944			0.1592626	0.719863	-1.38915	0.0648665	0.531288	-1.88152	0.0148255	0.7966	-1.25551	0.2302848	0.476728	-2.09744	0.885381	1.17122	0.16714	0.67476	0.670966	1
cg17591348	RDBP	0.00812572	0.253462	0.786529	-1.27141	0.0895955	0.674089	-1.45762	0.936864	0.984176	-1.01608	0.560602	1.12578	1.12578	0.000460366	0.348116	-2.87261			0.001868275	0.411332	-2.43113	0.2143555	0.768545	-1.30109	0.31171	1.23456	1.23456	0.0488975	0.635997	1.57234	0.313308	4.05312	0.570684	1
cg23506135	RDBP	0.00833435	0.269302	1.10824	1.10824	0.31706	1.0968	1.0968	0.399013	0.925766	-1.08019	0.563084	1.05362	1.05362	0.00409487	1.41073	1.41073			0.8388899	0.981979	-1.01835	0.00023034	1.72692	1.72692	0.353331	1.08865	1.08865	0.900684	1.01122	1.01122	6.26282	0.791588	0.112351	1
cg12427444	RDBP	0.0316608	0.00537	0.220634	4.53256	0.0312234	1.18884	1.18884	0.0372575	0.45236	-3.45236	0.0151955	0.886608	2.88568	0.0015955	0.388316	-2.57473			0.67262	1.24261	1.24261	0.1292	0.5035891	0.5428615	0.628631	1.98343	1.98343	0.0156861	0.628631	0.628631	4.23777	4.23777	0.575121	1
cg14491051	RDBP	0.0386984	0.065586	0.58007	-1.72393	0.219147	0.711357	-1.40576	0.647592	1.12896	1.12896	0.732228	1.09474	1.09474	0.0502346	0.555262	-1.80095			0.00238413	0.327592	-3.05258	0.0466764	0.548245	-1.82267	0.83431	0.946292	-1.05676	0.5015512	1.19696	1.19696	1.73819	4.10123	0.977832	1
cg07214724	RDBP;RUNX1;MIR1236	0.0107205	0.0077209	0.214754	-4.65735	0.0319395	0.3555	-2.81245	0.0122344	0.0444213	-22.5167	0.0122344	0.0444213	-22.5167	0.0122344	0.0444213	-22.5167			0.3442	0.876532	-1.14096	0.4806318	0.8202982	1.21882	0.0122344	0.0444213	-22.5167	0.0122344	0.0444213	-22.5167	0.0122344	0.0444213	-22.5167	1
cg25133212	RDBP;SKIV2L	0.00020818	1.44E-05	0.216224	-4.62484	0.91903	0.0174	0.0174	0.76943	0.951366	-1.05112	0.0024877	0.490149	-2.0402	0.000141767	0.328443	-3.04467			0.000596213	0.40703	-2.45682	0.00114539	0.44443	-2.25007	0.500619	0.890512	-1.12295	0.0546006	0.690845	-1.4475	18.1724	8.28059	0.405038	1
cg06315103	RDBP;SKIV2L	0.00559192	0.0020804	0.279625	-3.57612	0.603126	0.14618	1.24618	0.0834554	0.571091	-1.75103	0.0863873	0.573684	-1.74311	0.000729201	0.174851	-5.71785			0.414773	0.783076	-1.27701	0.0654852	0.417307	1.47707	0.0972812	0.598014	-1.67192	0.1963744	0.41024	-2.43711	0.0729	1.70536	0.18024	1.05005	0.121139	1
cg16943205	RDBP;SKIV2L	0.0172422	0.619493	0.87196	-1.14684	0.0552601	1.81256	1.81256	0.0321333	0.506886	-1.97291	0.0321333	0.506886	-1.97291	0.0321333	0.506886	-1.97291			0.0011436	0.270151	-3.70163	0.0148853	0.654587	-1.52768	0.616097	1.14839	1.14839	0.0950715	0.605304	1.65306	5.21162	6.18335	1.05463	1
cg14833935	RDBP;SKIV2L	0.019341	0.00225259	0.0693105	-14.4237	0.2210056	0.447985	-2.23222	0.00928717	0.127421	-7.848	0.209253	0.437735	-2.28449	?	?	?			0.00859573	0.12344	8.10112	0.128612	0.358719	-2.78769	0.233642	0.458657	-2.18028	0.0436817	0.235152	-4.25256	4.84522	26.5781	5.48542	1
cg03734628	RDBP;SKIV2L;MIR1236	0.00431682	0.0007067	0.0945105	-10.5672	0.0002166	0.0877346	-11.398	0.0115466	0.089667	-3.22928	0.0120917	0.291183	-3.43437	0.314219	0.663367	-1.50746			0.0162736	0.13391	-7.46599	0.0089871	0.127099	-3.62368	0.00315079	0.203668	-4.90995	0.442818	0.26564	-3.7645	2.12129	1		
cg08310053	RDBP;SKIV2L;MIR1236	0.0035982	0.0142875	0.280594	-3.56387	0.00852864	0.243694	4.1035	0.0194933	0.304936	-3.27937	0.00990495	0.593751	1.93071	0.0270126	0.26812	-3.72967			0.186008	0.80359	-1.80359	0.00215978	0.163449	-6.11811	0.0636305	0.67679	-1.47756	0.079554	0.44038	-2.26715	8.10635	22.7142	2.49069	1
cg09583598	RDBP;SKIV2L;MIR1236	0.0161555	0.0098263	0.267304	-3.98782	0.0188273	0.37645	-2.66184	0.0852388	0.209577	-4.76248	0.113601	0.482099	-2.07426	0.742334	1.15006	1.15006			0.0723293	0.427455	-2.33943	0.5215691	1.31173	1.31173	0.339708	0.593503	-1.68491	0.0484751	0.226671	-4.41167	5.0547	5.74783	2.52848	1
cg11099586	RDBP;SKIV2L;SKIV2L;RDBP	0.00015676	0.709863	0.939663	-1.06421	0.0162038	1.62611	1.62611	0.00057399	0.13586	-2.41386	0.163107	1.27904	1.27904	2.72E-05	0.2545	-3.92927			?	?	?	0.000822771	0.300857	-3.32455	1.25515	0.0170356	1.61757	0.203479	7.80686	0.384761	1		
cg08551680	RDBP;SKIV2L;SKIV2L;RDBP	0.00202792	0.748598	0.958376	-1.04343	0.0109644	1.52511	1.52511	0.266926	1.16524	1.16524	0.024771	0.702315	-1.42386	0.000206252	0.453423	-2.20545			0.00141165	0.542772	-1.84239	0.199325	0.835853	-1.19638	0.0416325	1.10931	1.10931	0.959666	1.00671	1.00671	5.60303	2.6588	0.246108	1
cg08197579	RDBP;SKIV2L;SKIV2L;RDBP	0.00488555	0.0105124	0.294838	-3.39107	0.0178552	0.370632	-2.69858	0.0847755	0.867562	-1.18565	0.493801	0.567071	-1.76345	0.0597596	0.310011	-3.22705			0.0054984	0.39723	-2.51741	0.0197197	0.390004	-2.5626	0.0576274	0.72423	0.636683	0.886618	1.12788	1.12788	6.6209	0.900612	0.135671	1
cg14751552	RDBP;SKIV2L;SKIV2L;RDBP	0.00497304	0.1696651	0.759218	-1.31714	0.2884514	1.23062	1.23062	0.000896792	0.392121	-2.55023	0.008940044	0.534606	-1.87054	0.002324558	0.448957	-2.22738			0.22879	1.2685	1.2685	0.7098016	0.683759	-1.4625	0.225519	1.27085	1.27085	0.178652	0.7640092	-1.30874	7.35072	4.1282	0.499205	1
cg04238758	RDBP;SKIV2L;SKIV2L;RDBP	0.00868816	0.0159584	0.320599	-3.45353	0.0222525	0.322638	-3.15407	0.0314459	0.437263	-2.42474	0.0116695	0.434629	-2.29327	0.000935953	0.180177	-5.55009			0.0128665	0.219696	-4.55375	0.0024389	0.354883	-2.81868	0.0232341	0.292258	-3.42164	0.83107	0.945134	1.05805	1.21139	0.249	0.191949	1
cg16344674	RDBP;SKIV2L;SKIV2L;RDBP	0.0168058	0.809221	0.83883	1.03883	0.03338537	0.533871	-1.87311	0.0525081	0.706631	-1.41556	0.3707097	1.16868	1.16868	0.214566	0.81402	-1.2285			0.0605285	3.9562	-1.39562	0.183068	1.24921	1.24921	0.020898	1.5493	1.5493	0.594203	0.918793	0.918793	1.96002	0.349243	1		
cg26357538	RDBP;SKIV2L;RPL7	0.00044912	0.754019	0.960674	-1.04094	0.000663899	0.318234	-3.14234	0.0536018	0.38239	1.38239	9.10E-05	0.149127	-6.7057	?	?	?			0.495854	0.914428	-1.09358	0.00287953	0.459431	-2.1766	0.00027043	0.236126	-4.23144	0.000147603	0.185762	-5.38324	74.0425	14.6811	0.09914	1
cg12245608	RDBP;WIPI1	0.00268179	0.2440261	0.709105	-1.41007	0.1779997	0.731354	-1.36754	0.1185644	0.809667	-1.23508	0.0120917	0.291183	-3.43437	0.314219	0.663367	-1.50746			0.0162736	0.13391	-7.46599	0.0089871	0.127099	-3.62368	0.00315079	0.203668	-4.90995	0.442818	0.26564	-3.7645	2.12129	1		
cg11220635	RH11	0.00112803	0.229143	0.915695	-1.09207	0.00015284	0.635629	-1.57324	0.361356	0.76767	1.06767	0.703141	0.973633	-1.02708	0.923382	0.993309	-1.00674			0.159901	1.10149	1.11049	8.96E-05	0.613113	-1.63102	0.154996	0.80923	-1.11206	0.263515	0.921874	-1.08475	10.3705	0.877106	0.068576	1
cg05407442	RH11	0.0168608	0.0124635	0.184625	-5.41599	0.0229369	0.435453	-2.29655	0.0123441	0.181341	-5.51455	0.0123441	0.181341	-5.51455	0.0123441	0.181341	-5.51455			0.0010972	0.10855	-9.21241	0.0114801	0.169935	-5.88241	0.0084751	0.124729	-8.01849	0.0114801	0.169935	-5.88241	0.0084751	0.124729	-8.01849	1
cg05008296	RH11	0.0141998	0.0124635	0.218822	-4.56992	0.00206561	0.119989	-8.33407	0.00492083	0.161914	-6.1761	0.35764	0.629824	-1.58775	0.0152879	0.233307	-4.28619			0.0387425	0.310454	-3.22109	0.1512294	0.471674	-2.12011	0.338247	0.617276	-1.62002	0.0200418	0.253769	-3.94059	5.27525	19.9542	3.36232	1
cg12151820	RH11	0.0417125	0.478357	1.06282	1.06282	0.206049	1.119315	1.119315	0.0694429	1.18728	1.18728	0.047073	0.939828	-1.06402	0.00530758	1.36417	1.36417			0.724263	0.970505	-1.03039	0.0197305	1.26874	1.26874	0.668777	0.964275	-1.03705	0.0317491	1.23713	1.62654	0.41037	0.100584	1		
cg12138221	RH11;RH20;RH11	0.00768958	0.0236877	0.290263	-3.44611	0.788843	1.02355	1.02355	0.0224413	1.18122	1.18122	0.0206814	0.894649	-1.11733	0.104107	0.802404	-1.3209			0.1701	1.1592	1.1592	0.0041412	1.725569	-1.24157	0.0373758	0.70466	1.07466	1.4986	0.656418	0.0971832	1		
cg14514618	RH12	0.00290739	0.873648	0.943963	-1.05936	0.635 05	0.0710881	-13.926	0.521599	0.790267	-1.2654	0.562794	0.808955	-1.23616	0.479291	0.770584	-1.29772			0.00102522	0.171436	-5.83307	0.3442127

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24364398	REEP1;REEP1;REEP1;REEP1	0.0317965	0.079932	0.481684	-2.07605	0.037421	2.47919	2.47919	0.406087	1.37649	1.37649	0.944308	1.02661	1.02661	0.0225214	0.357988	-2.79339	0.0723202	2.12541	2.12541	0.176576	0.582706	-1.71613	0.0354026	2.51155	2.51155	0.340428	1.44679	1.44679	4.00301	8.96033	1.98969	1
cg17872866	REEP1;REEP1;REEP1;REEP1	0.0490249	0.35614	0.663581	-1.50698	0.00543314	4.85794	4.85794	0.3632	1.49749	1.49749	0.513428	0.750988	-1.33158	0.0361407	0.348928	-2.86592	0.486887	1.35694	1.35694	0.194371	0.552544	-1.80981	0.194067	1.81063	1.81063	0.652106	0.821932	-1.21665	3.41356	10.0937	2.62839	1
cg17209428	REEP2	0.00249025	0.287963	0.839486	-1.19121	0.0149792	1.60702	1.60702	0.144586	0.779947	-1.28214	0.00847679	1.70401	1.70401	0.0329008	0.673185	-1.48548	0.0700282	0.725237	-1.37886	0.00187113	0.496774	-2.01299	0.00540676	1.78726	1.78726	0.215009	1.22998	1.22998	9.04243	3.60222	0.354105	1
cg07368507	REEP2	0.00518762	0.320179	1.3242	1.3242	0.0015103	3.48866	3.48866	0.00840415	2.50992	2.50992	0.00307087	3.02859	3.02859	0.156701	1.51303	1.51303	0.0253821	2.06773	2.06773	0.0443714	0.531911	-1.88001	0.860411	1.04929	1.04929	0.249421	0.719587	-1.38969	7.25644	8.58875	1.05209	1
cg01836913	REEP2	0.0178296	0.128528	0.783716	-1.27597	0.903144	1.01822	1.01822	0.0034289	0.554449	-1.80359	0.0737235	0.743983	-1.34412	0.0085705	0.608073	-1.64454	0.487522	0.900651	-1.11031	0.0347504	0.694124	-1.44066	0.264038	0.841383	-1.18852	0.0517826	1.38866	1.38866	4.89074	1.70462	0.309813	1
cg04535945	REEP2	0.031776	0.486801	0.894296	-1.1182	0.308255	0.846413	-1.18146	0.0871213	0.741787	-1.3481	0.678426	1.06815	1.06815	0.427237	1.13675	1.13675	0.0432111	0.692307	-1.44445	0.0036018	1.86482	1.86482	0.0867485	1.34867	1.34867	0.893828	1.02134	1.02134	4.00393	1.58536	0.351958	1
cg06221259	REEP2	0.0449274	0.954137	0.988513	-1.01162	0.632345	0.907711	-1.10167	0.597709	0.898548	-1.11291	0.314704	0.811514	-1.23227	0.00827053	0.507453	-1.97063	0.552168	0.886193	-1.12842	0.00190892	0.413459	-2.41862	0.832841	0.958432	-1.04337	0.756293	1.06453	1.06453	3.52766	2.25458	0.568103	1
cg12484738	REEP3	0.00899891	0.0435851	0.578381	-1.72896	0.977639	0.993408	-1.00664	0.994123	0.998264	-1.00174	0.601628	1.13235	1.13235	0.0146238	0.491924	-2.03283	0.448053	0.833227	-1.20015	0.000692451	0.294708	-3.39318	0.0102717	0.466135	-2.1453	0.0101983	0.465621	-2.14767	6.11261	5.39048	0.783877	1
cg07329116	REEP3	0.0144241	0.294165	0.856182	-1.16798	0.00180242	1.88411	1.88411	?	?	?	0.516564	0.910416	-1.0984	0.160755	0.807513	-1.23837	0.0683444	1.33807	1.33807	0.246457	0.841171	-1.18882	0.0490323	0.725651	-1.37807	0.181686	1.22424	1.22424	5.34828	1.53332	0.286694	1
cg22797468	REEP3	0.0158871	0.202034	0.639997	-1.56251	0.0122682	0.355766	-2.81083	0.10694	0.55818	-1.79154	0.618074	0.846597	-1.1812	0.80477	0.921226	-1.08551	0.577322	1.20505	1.20505	0.00436363	0.283197	-3.53112	0.0079376	3.08877	3.08877	0.864373	0.944934	-1.05828	5.08295	8.83625	1.54525	1
cg01631684	REEP3	0.0290003	0.95293	0.994098	-1.00594	0.306109	1.11211	1.11211	0.842429	1.02016	1.02016	0.746864	1.03301	1.03301	0.554185	1.06184	1.06184	0.140938	1.1721	1.1721	0.0811984	0.823776	-1.21392	0.00134344	0.626749	-1.59554	0.181463	1.15286	1.15286	4.13622	0.658733	0.141564	1
cg11226562	REEP3	0.0302934	0.0451085	0.426701	-2.34356	0.568395	1.2381	1.2381	0.761669	1.11928	1.11928	0.932258	0.968995	-1.032	0.061661	0.458522	-2.18092	0.0417997	0.419287	-2.385	0.00443639	0.245005	-4.08155	0.0114966	0.310003	-3.22577	0.128571	0.544159	-1.8377	4.07272	8.8522	1.93203	1
cg13801670	REEP3	0.0355056	0.900315	1.04054	1.04054	0.00786281	0.339067	-2.94927	0.008942	0.348317	-2.87095	0.828283	0.933428	-1.07132	0.375443	0.749393	-1.33441	0.818646	1.07556	1.07556	0.0799706	1.85174	1.85174	0.137497	1.66075	1.66075	0.791474	1.08767	1.08767	3.84709	6.12834	1.41598	1
cg24940096	REEP3	0.0483309	0.0141773	0.391811	-2.55225	0.32392	0.729483	-1.37083	0.751175	1.10351	1.10351	0.247529	1.45401	1.45401	0.0126872	0.383244	-2.6093	0.361402	0.747909	-1.33706	0.45379	1.2665	1.2665	0.0714076	1.86522	1.86522	0.607551	0.851818	-1.17396	3.43204	5.21036	1.34947	1
cg01109287	REEP3;REEP3	0.0412047	0.353309	0.904394	-1.10571	0.0271655	1.31671	1.31671	0.0317158	1.30337	1.30337	0.692731	0.959072	-1.04267	0.0802485	1.22653	1.22653	0.432286	0.919132	-1.08798	0.0250843	0.75549	-1.32364	0.878562	0.984041	-1.01622	0.127082	1.1896	1.1896	3.64302	0.638789	0.155863	1
cg07664173	REEP4	0.000945592	0.00173272	0.670798	-1.49076	0.262671	1.11	1.11	0.57504	1.05192	1.05192	0.000751822	1.57899	1.57899	0.159692	0.874356	-1.1437	0.214554	1.12385	1.12385	0.000616472	0.624303	-1.60179	0.185257	1.13376	1.13376	0.0127832	1.31836	1.31836	11.9545	1.51196	0.112423	1
cg06245229	REEP4	0.00766217	0.435708	1.18093	1.18093	0.505155	0.868135	-1.15189	0.559445	0.883885	-1.13137	0.321185	0.807079	-1.23904	0.627936	0.902914	-1.10752	0.643194	1.10247	1.10247	9.81E-05	0.235271	-4.25042	0.19332	0.749865	-1.33357	0.414818	1.19043	1.19043	6.43074	4.45401	0.615655	1
cg13265914	REEP4	0.0295568	0.0351234	0.740783	-1.34992	0.00482622	1.5794	1.5794	0.168473	1.19649	1.19649	0.61776	0.940352	-1.06343	0.340031	1.12773	1.12773	0.763337	1.0376	1.0376	0.0396808	0.747686	-1.33746	0.590334	1.06869	1.06869	0.198356	0.846899	-1.18078	4.10847	0.972362	0.210375	1
cg24601037	REEP4	0.0429196	0.272902	0.800359	-1.24944	0.0227595	0.587446	-1.70228	0.813732	0.954982	-1.04714	0.255085	1.26098	1.26098	0.962571	0.990884	-1.0092	0.671402	1.08684	1.08684	0.0239878	0.591246	-1.69134	0.012162	1.8402	1.8402	0.592814	0.900015	-1.11109	3.58835	2.1645	0.53618	1
cg23463917	REEP5	0.0129375	0.277791	1.1089	1.1089	0.591332	1.05089	1.05089	0.0713304	0.831549	-1.20258	0.957634	1.00488	1.00488	0.407447	1.0807	1.0807	0.0986725	0.847181	-1.18039	0.0321909	0.794715	-1.25831	0.0693787	0.830233	-1.20448	0.00140039	1.5278	1.5278	5.4387	0.72251	0.118085	1
cg00132584	REEP5	0.0185941	0.152424	1.18074	1.18074	0.439498	0.918093	-1.08921	0.0201335	0.737986	-1.35504	0.670237	0.954634	-1.04752	0.491594	1.07866	1.07866	0.619236	1.0558	1.0558	0.949763	1.00685	1.00685	0.541675	0.935232	-1.06925	0.000852689	1.72147	1.72147	4.8221	0.897218	0.16539	1
cg19239342	REEP5	0.0216188	0.93151	0.985464	-1.01475	0.787847	0.955091	-1.04702	0.00283349	2.01422	2.01422	0.159522	1.29184	1.29184	0.635742	0.921935	-1.08468	0.0034792	1.96504	1.96504	0.135394	0.760208	-1.31543	0.458329	1.13728	1.13728	0.383044	1.1646	1.1646	4.5813	2.10554	0.408528	1
cg19780637	REEP5	0.0342374	0.0530756	0.49366	-2.02569	0.559119	1.20891	1.20891	0.18853	1.56431	1.56431	0.772974	0.911287	-1.09735	0.0038527	0.286312	-3.4927	0.125342	0.586977	-1.70364	0.156504	0.614612	-1.62704	0.118526	1.72329	1.72329	0.145175	0.605059	-1.65273	3.89804	6.3677	1.45206	1
cg13977790	REEP5	0.0359358	0.883874	1.05199	1.05199	0.697283	0.873233	-1.14517	0.159366	0.59364	-1.68452	0.278179	1.4785	1.4785	0.00251862	0.23348	-4.28301	0.185312	0.614413	-1.62757	0.0368895	0.43147	-2.31766	0.864589	0.942529	-1.06098	0.0233491	0.390759	-2.55912	3.83032	7.2947	1.69286	1
cg02300825	REEP6	0.000858685	0.0098103	0.615433	-1.62487	0.23153	0.829782	-1.20514	3.53E-05	0.305026	-3.27841	0.42697	0.886386	-1.12818	0.000274484	0.412267	-2.42562	0.454666	0.892939	-1.1199	0.390354	0.877328	-1.13982	0.709272	1.05727	1.05727	0.00770343	0.601038	-1.66379	12.2846	4.30155	0.311251	1
cg08043345	REEP6	0.00395416	0.0965158	0.751281	-1.33106	0.00324714	0.533076	-1.87591	0.00162154	0.492625	-2.02994	0.120797	1.30172	1.30172	0.000979263	0.463776	-2.15621	0.0368661	0.68389	-1.46222	0.37558	0.867169	-1.15318	0.411286	1.14073	1.14073	0.0745225	0.732433	-1.36531	7.87981	3.06538	0.345793	1
cg11323255	REEP6	0.0150266	0.0390934	0.435073	-2.29846	0.496488	0.786126	-1.27206	0.0531678	0.465017	-2.15046	0.00866809	0.311571	-3.20954	0.0777308	0.504958	-1.98036	0.0950373	0.527639	-1.89524	0.0164032	0.359777	-2.7795	0.000819661	0.172475	-5.79793	0.0905362	0.522057	-1.9155	5.17767	9.96084	1.71005	1
cg21883285	REEP6	0.0188404	0.00600575	0.383343	-2.60863	0.0681245	0.579525	-1.72555	0.0115329	0.430096	-2.32506	0.828566	0.943731	-1.05962	0.00518201	0.373247	-2.67919	0.251773	0.726335	-1.37677	0.634969	1.13624	1.13624	0.385274	0.788427	-1.26835	0.0102683	0.421511	-2.37242	4.80072	5.42271	1.00406	1
cg19305095	REEP6	0.0343589	0.0607282	0.250443	-3.99292	0.0390546	0.20928	-4.77828	0.0219014	0.165162	-6.05467	0.186241	0.39946	-2.50338	0.00614666	0.0962485	-10.3898	0.0332641	0.196033	-5.10119	0.0790767	0.278937	-3.58503	0.0135853	0.135379	-7.38669	0.0704512	0.266073	-3.75836	3.89306	26.4392	6.03676	1
cg02814692	REEP6	0.0493217	0.371485	0.882852	-1.13269	0.0304389	0.707939	-1.41255	0.00527683	0.606894	-1.64773	0.274701	1.16686	1.16686	0.180431	0.824376	-1.21304	0.387328	1.12785	1.12785	0.0361164	0.718258	-1.39226	0.650279	0.939906	-1.06394	0.765573	0.960211	-1.04144	3.40576	0.994501	0.259561	1
cg11843700	REEP6;PCSK4	0.00194626	0.384971	1.11314	1.11314	0.000156918	0.459141	-2.17798	0.00179121	0.585824	-1.707	0.0109153	0.680792	-1.46888	0.595239	0.937513	-1.06665	0.98338	1.00251	1.00251	0.0185123	1.41019	1.41019	0.612865	0.940445	-1.06333	0.903729	0.985544	-1.01467	9.71867	2.22904	0.203872	1
cg18855178	REEP6;PCSK4	0.00694986	0.0199197	0.625973	-1.59751	0.025208	0.641634	-1.55852	0.00961463	0.578994	-1.72713	0.0496581	0.688441	-1.45256	0.00322308	0.511678	-1.95436	0.0373786	1.49592	1.49592	0.176427	0.786951	-1.27073	0.0056901	0.546277	-1.83057	0.923427	0.9841	-1.01616	6.62996	2.9184	0.391275	1
cg23284099	REEP6;PCSK4	0.0163469	0.933991	0.974436	-1.02623	0.079367	1.83826	1.83826	0.978091	0.991452	-1.00862	0.00247151	0.268295	-3.72724	0.17116	1.57699	1.57699	0.00643059	3.02841	3.02841	0.794388	0.921594	-1.08508	0.8533	1.05957	1.05957	0.109814	1.7245	1.7245	5.0349	7.79338	1.37588	1
cg05828624	REG1A	0.000357017	0.0245556	0.57435	-1.7411	0.240055	1.29008	1.29008	0.00286097	0.427551	-2.3389	0.0287517	0.58622	-1.70584	0.0740395	0.66218	-1.51016	0.378798	0.829479	-1.20558	0.0103875	1.95079	1.95079	0.984497	0.995985	-1.00403	1.06E-05	0.142672	-7.00909	15.6834	10.6488	0.60354	1
cg11761200	REG1A	0.011249	0.482658	1.22138	1.22138	0.00662074	0.372351	-2.68564	0.0296376	0.487915	-2.04954	0.267835	1.38197	1.38197	0.316455	1.33679	1.33679	0.183877	1.48458	1.48458	0.028608	2.06227	2.06227	0.390927	1.27939	1.27939	0.00699996	0.376257	-2.65776	5.69128	7.08073	1.1059	1
cg16791528	REG1A	0.0115322	0.16663	0.708476	-1.41148	0.457504	0.837931	-1.19342	0.0684481	0.62082	-1.61077	0.42654	0.827175	-1.20893	0.181827	0.718055	-1.39265	0.900325	0.97114	-1.02972	0.10925	1.50401	1.50401	0.474397	0.84365	-1.18533	0.000229828	0.239375	-4.17754	5.64575	4.88362	0.768896	1
cg23111544	REG1A	0.0165814	0.042298	0.291871	-3.42617	0.614845	0.765583	-1.30619	0.125014	0.417161	-2.39716	0.429996	0.654336	-1.52827	0.00245569	0.108806	-9.19067	0.445258	1.50635	1.50635	0.120766	0.41234	-2.42518	0.0507525	0.309787	-3.22802	0.00203438	0.101249	-9.87667	5.01105	21.9995	3.9024	1
cg23151413	REG1A	0.0231664	0.0737135	0.325983	-3.06764	0.297577	0.544907	-1.83517	0.0385932	0.259997	-3.8462	0.472668	0.663193	-1.50786	0.0147873	0.18519	-5.39986	0.0115081	0.169121	-5.91293	0.00265426	0.0965791	-10.3542	0.2648	0.52025	-1.92215	0.0163438	0.191965	-5.20927	4.47372	22.3983	4.45034	1
cg13687795	REG1B	1.94E-05	0.0282537	0.674534	-1.4825	0.97228	0.994732	-1.0053	5.35E-05	0.317949	-3.14515	3.56E-05	0.29753	-3.36101	1.80E-05	0.26421	-3.78486	0.807436	0.963562	-1.03782	0.296603	1.1788	1.1788	0.763163	0.955102	-1.04701	2.18E-06	0.171285	-5.83823	34.1411	12.4936	0.325281	1
cg00579393	REG1B	0.000642424	0.00504223	0.519821	-1.92374	0.262513	1.22886	1.22886	0.701351	0.934284	-1.07034	0.0542165	0.680171	-1.47022	0.000482099	0.380667	-2.62697	0.028134	0.632923	-1.57997	0.0345716	1.54455	1.54455	0.722083	1.06503	1.06503	5.57E-05	0.266558	-3.75152	13.3272	6.56847	0.438098	1
cg07841014	REG1B	0.000670307	0.0200249	0.518381	-1.92908	0.535301	1.15833	1.15833	0.0134241	0.48836	-2.04767	0.184213	0.719092	-1.39064	0.0188778	0.513871	-1.94601	0.101784	0.657486	-1.52095	0.000185915	0.228225	-4.38164	0.797956	0.941712	-1.0619	2.94E-05	0.147004	-6.80255	13.1698	11.4318	0.771581	1
cg17863076	REG1B	0.00340377	0.016429	0.312309	-3.20196	0.0792104	0.461424	-2.16721	0.0190953	0.324374	-3.08287	0.00453175	0.222892	-4.48647	0.000679445	0.127314	-7.8546	0.0201959	0.328968	-3.03981	0.000824974	0.135416	-7.38464	0.0284568	0.358332	-2.79071	0.00480797	0.226512	-4.41477	8.24224	20.5637	2.2177	1
cg12393275	REG1B	0.00547752	0.889005	0.956867	-1.04508	0.401069	0.762326	-1.31177	0.124099	0.591085	-1.6918	0.706014	1.12711	1.12711	0.961484	0.984868	-1.01536	0.304395	1.39911	1.39911	0.0385019	2.13177	2.13177	0.224332	1.49634	1.49634	0.000141842	0.125885	-7.94379	7.13652	11.268	1.40349	1
cg02657641	REG1P	1.08E-05	0.000158682	0.43175	-2.31616	0.43476	0.90154	-1.10921	8.36E-05	0.398224	-2.51115	0.246237	0.854093	-1.17083	0.00622309	0.628864	-1.59017	9.97E-05	0.407425	-2.45444	3.51E-07	0.147496	-6.77986	0.464241	1.10173	1.10173	5.26E-05	0.37429	-2.67173	39.8113	10.6656	0.238137	1
cg24875595	REG1P	0.000126588	0.00238107	0.391052	-2.55721	0.29739	0.787034	-1.27059	0.00039401	0.286081	-3.49551	0.0050303	0.439308	-2.27631	0.000507764	0.299951	-3.33388	0.00345119	0.414644	-2.41171	0.723459	1.08194	1.08194	0.011973	0.499069	-2.00373	3.72E-06	0.0908848	-11.0029	20.7846	16.1772	0.691844	1
cg00689213	REG1P	0.00100973	0.0513693	0.588042	-1.70056	0.365496	1.24926	1.24926	0.000560489	0.277884	-3.59863	0.226044	0.737655	-1.35565	0.00328122	0.383274	-2.6091	0.000613508	0.282857	-3.53536	0.0925286	0.642039	-1.55754	0.72655	0.919396	-1.08767	0.000139222	0.206957	-4.83192	11.7343	10.6471	0.806536	1
cg27226238	REG1P	0.00497436	0.877049	0.936484	-1.06782	0.0572969	2.48805	2.48805	0.696904	1.18047	1.18047	0.710557	0.853848	-1.17117	0.000373189	0.0895893	-11.1621	0.540389	0.768964	-1.30045	0.915902	1.04579	1.04579	0.533181	0.765274	-1.30672	0.00113416	0.131372	-7.61199	7.35012	20.914	2.52924	1
cg27342801	REG3A;REG3A;REG3A	2.45E-06	6.08E-05	0.510126	-1.9603	0.366272	1.08805	1.08805	8.49E-05	0.526147	-1.90061	0.205724	0.885715	-1.12903	0.000866513	0.634807	-1.57528	0.0479648	0.814209	-1.22819	0.000751225	1.59163	1.59163	0.00371512	0.700239	-1.42808	5.24E-08	0.181459	-5.51088	58.3197	7.63388	0.116353	1
cg15692837	REG3A;REG3A;REG3A	0.000191141	4.66E-05	0.325675	-3.07054	0.232636	0.832994	-1.20049	0.000129681	0.378827	-2.63973	0.0080439	0.609162	-1.6416	0.00521884	0.583893	-1.71264	0.457947	0.895526	-1.11666	0.000340753	0.430686	-2.32188	0.669669	0.939272	-1.06465	6.74E-05	0.344594	-2.90197	18.5981	6.27792	0.30005	1
cg07580831	REG3A;REG3A;REG3A	0.000700735	0.420546	0.864246	-1.15708	0.0886734	0.716798	-1.39509	0.00490855	0.516427	-1.93638	0.813096	0.958877	-1.04289	0.00314713	0.488909	-2.04537	0.0226043	0.616284	-1.62263	0.000252046	0.343016	-2.91531	0.609968	1.0955	1.0955	4.40E-05	0.253294	-3.94799	13.0071	6.47547	0.442525	1
cg02005771	REG3A;REG3A;REG3A;REG3A	7.98E-05	0.000648461	0.327058	-3.05756	0.0227017	0.55836	-1.79096	6.62E-05	0.209482	-4.77369	0.00525344	0.45545	-2.19563	2.47E-05	0.166618	-6.00174	2.25E-05	0.162796	-6.14265	0.0739816	0.653459	-1.53032	0.00564402	0.460211	-2.17292	0.000103585	0.230599	-4.33654	23.5173	17.0032	0.642673	1
cg24240626	REG3A;REG3A;REG3A;REG3A	0.00305781	0.000536623	0.114508	-8.73304	0.478269	0.748208	-1.33653	0.00154862	0.160167	-6.2435	0.00849604	0.25883	-3.86354	0.0249852	0.34191	-2.92475	0.0171328	0.310663	-3.21892	0.00783113	0.253281	-3.94819	0.0606689	0.427001	-2.34191	0.00164808	0.163193	-6.1277	8.50977	21.8199	2.2792	1
cg01272790	REG3G;REG3G	9.32E-06	0.018858	0.701836	-1.42483	0.143405	1.21617	1.21617	0.42193	0.902933	-1.1075	3.79E-06	0.261005	-3.83134	5.59E-06	0.279257	-3.58094	0.175845	0.835982	-1.1962	0.000557809	1.94721	1.94721	0.752474	1.04017	1.04017	7.62E-06	0.294071	-3.40054	41.3166	10.1375	0.218099	1
cg06372233	REG3G;REG3G	0.00118227	0.0202322	1.58846	1.58846	0.171038	0.785928	-1.27238	0.147857	0.773683	-1.29252	0.968563	1.00653	1.00653	0.938488	1.01284	1.01284	0.078056	0.723554	-1.38207	0.000406407	0.395087	-2.53109	0.629639	0.922833	-1.08362	8.27E-05	0.309852	-3.22735	11.2193	4.85346	0.384531	1
cg00918005	REG3G;REG3G	0.0132308	0.0105812	0.228375	-4.37877	0.709746	1.18734	1.18734	0.0221507	0.283712	-3.5247	0.878927	0.932383	-1.07252	0.00150482	0.12239	-8.17063	0.904636	0.94644	-1.05659	0.204288	0.540492	-1.85017	0.0798958	0.409613	-2.44133	0.00552581	0.187338	-5.33796	5.399	18.0376	2.96971	1
cg20840800	REG3G;REG3G	0.0473083	0.947438	0.974258	-1.02642	0.896793	1.05268	1.05268	0.122906	0.516249	-1.93705	0.863173	1.07061	1.07061	0.00198077	0.177568	-5.63166	0.140386	0.533974	-1.87275	0.836907	1.08495	1.08495	0.715802	1.15562	1.15562	0.0292845	0.362125	-2.76148	3.45988	8.57428	2.20285	1
cg15138570	REG4;REG4;REG4	0.000159779	0.374918	0.859297	-1.16374	0.0803834	0.724013	-1.38119	0.968852	1.00652	1.00652	0.0103603	0.584107	-1.71202	0.417379	1.14797	1.14797	0.00947164	0.578436	-1.7288	1.58E-06	0.133281	-7.50292	0.0218207	0.632359	-1.58138	0.135248	0.764833	-1.30748	19.5215	8.57208	0.390319	1
cg01768246	REG4;REG4;REG4	0.000266928	0.0166503	0.545726	-1.83242	0.365482	1.21242	1.21242	0.0769563	1.50293	1.50293	0.688683	0.919957	-1.08701	0.117901	0.703465	-1.42154	3.08E-06	0.100574	-9.94294	0.81952	1.04848	1.04848	0.202521	0.756754	-1.32143	0.218284	0.764712	-1.30768	16.9838	11.5429	0.604127	1
cg19736110	REG4;REG4;REG4	0.000564763	0.449965	0.865716	-1.15511	0.280228	1.23399	1.23399	0.00220408	0.447606	-2.23411	0.930139	1.01656	1.01656	0.000286428	0.329818	-3.03198	0.0411057	1.55496	1.55496	4.87E-05	0.239223	-4.1802	0.514141	0.883445	-1.13193	0.395704	0.849653	-1.17695	13.8149	7.67696	0.493957	1
cg11958962	REG4;REG4;REG4	0.017593	0.0455964	0.189738	-5.27042	0.0468867	0.192137	-5.20462	0.188194	0.363833	-2.74851	0.076351	0.239398	-4.17715	0.0136739	0.109573	-9.12636	0.0652981	0.223059	-4.48313	0.00127035	0.0330703	-30.2386	0.0093914	0.091825	-10.8903	0.0657827	0.223804	-4.46819	4.91272	40.9063	7.40143	1
cg00808492	REG4;REG4;REG4;REG4;REG4;REG4	2.15E-05	0.00195463	1.50296	1.50296	0.10581	0.84843	-1.17865	1.79E-05	0.442341	-2.2607	0.208028	0.883818	-1.13145	1.41E-06	0.318754	-3.13722	0.0617449	1.21623	1.21623	0.0365227	1.25371	1.25371	0.199537	0.881522	-1.1344	0.00935503	0.735918	-1.35885	33.2478	4.55815	0.121863	1
cg19623588	REL	0.0216253	0.432552	0.841764	-1.18798	0.260215	0.776802	-1.28733	0.879929	0.968013	-1.03304	0.164741	0.727048	-1.37542	0.959844	1.01089	1.01089	0.000437547	0.302702	-3.30357	0.369274	1.21934	1.21934	0.245008	1.29893	1.29893	0.35619	0.81538	-1.22642	4.58084	3.35571	0.651159	1
cg23468128	REL	0.0225751	0.364716	1.18423	1.18423	0.00225129	0.460108	-2.1734	0.19283	1.2843	1.2843	0.109771	0.728692	-1.37232	0.00938132	0.549906	-1.81849	0.43839	0.866323	-1.1543	0.933861	0.985044	-1.01518	0.38336	1.1762	1.1762	0.199343	0.781776	-1.27914	4.51375	2.3562	0.464005	1
cg18358643	REL	0.0245362	0.275937	1.27562	1.27562	0.00491805	2.22621	2.22621	0.00938488	2.02884	2.02884	0.00947961	2.02598	2.02598	0.947784	1.01417	1.01417	0.122322	1.43285	1.43285	0.659029	1.10008	1.10008	0.0163867	1.87791	1.87791	0.0688076	1.54874	1.54874	4.38568	3.20461	0.649509	1
cg19219231	REL	0.0263918	0.252888	0.868408	-1.15153	0.414745	1.10351	1.10351	0.0637166	1.27925	1.27925	0.400561	0.903334	-1.10701	0.0281464	1.35841	1.35841	0.823991	0.974025	-1.02667	0.0374209	0.751762	-1.33021	0.0173492	0.710116	-1.40822	0.0641067	1.27867	1.27867	4.27565	0.945248	0.196513	1
cg13255035	RELA;RELA	2.09E-06	0.00149988	0.60612	-1.64984	0.000320636	0.528818	-1.89101	0.0209202	1.35535	1.35535	7.73E-06	0.3417	-2.92654	1.39E-06	0.260083	-3.84493	1.90E-06	0.274367	-3.64475	1.31E-06	0.25743	-3.88455	0.312154	1.1212	1.1212	3.69E-05	0.419665	-2.38285	60.7475	11.5181	0.168538	1
cg08142478	RELA;RELA	1.29E-05	0.195982	0.824065	-1.2135	1.99E-05	0.294444	-3.39623	0.509108	0.909574	-1.09942	6.76E-06	0.24316	-4.11252	0.143971	0.800797	-1.24876	5.68E-07	0.141321	-7.07608	0.280557	0.85323	-1.17202	0.752539	0.956226	-1.04578	0.0376647	0.710921	-1.40663	37.9964	12.0511	0.281925	1
cg26074088	RELA;RELA	3.05E-05	2.99E-05	0.326559	-3.06223	0.000694413	2.03169	2.03169	0.392131	1.12759	1.12759	2.78E-05	0.322882	-3.0971	0.868198	1.02301	1.02301	0.00324131	0.576969	-1.73319	0.00456038	1.67769	1.67769	0.379735	0.883892	-1.13136	5.35E-05	0.356151	-2.8078	30.3146	9.00721	0.264111	1
cg09801924	RELA;RELA	0.00697021	0.0198921	0.41856	-2.38914	0.0132529	0.386298	-2.58868	0.838977	0.938902	-1.06507	0.00347706	0.292628	-3.41731	0.00335965	0.290449	-3.44295	0.00191161	0.256153	-3.90392	0.00901074	0.357421	-2.79782	0.5639	0.83463	-1.19814	0.145156	0.615838	-1.6238	6.62392	10.0723	1.35164	1
cg22786115	RELA;RELA	0.0139351	0.119399	0.700952	-1.42663	0.15351	1.37894	1.37894	0.145784	0.720103	-1.38869	0.676061	1.09238	1.09238	0.358758	0.82003	-1.21947	0.0330646	0.592155	-1.68875	0.0009407	0.354372	-2.8219	0.103584	1.45394	1.45394	0.405631	1.19589	1.19589	5.30798	3.71641	0.62236	1
cg18746357	RELA;RELA	0.0372349	0.0262484	0.32775	-3.05111	0.0140332	0.277121	-3.60853	0.155295	0.525477	-1.90303	0.217224	0.577337	-1.73209	0.0632285	0.413125	-2.42058	0.105257	0.472876	-2.11472	0.0195929	0.303198	-3.29818	0.00964245	0.250035	-3.99943	0.0238705	0.319592	-3.12899	3.78112	10.7216	2.52049	1
cg04125373	RELA;RELA	0.040751	0.0140772	0.621129	-1.60997	0.784514	1.04401	1.04401	0.821089	0.965037	-1.03623	0.362096	0.863132	-1.15857	0.130723	0.773819	-1.29229	0.809636	1.03865	1.03865	0.442417	1.13095	1.13095	0.942862	1.01133	1.01133	0.00214962	0.508073	-1.96822	3.65796	1.43022	0.347545	1
cg14209875	RELB	0.000246045	0.303524	1.19094	1.19094	0.000236348	0.368256	-2.7155	0.0140664	0.608325	-1.64386	0.775743	0.954249	-1.04794	0.00192016	0.486662	-2.05481	0.232932	1.22763	1.22763	9.76E-06	0.210167	-4.75813	0.0705739	0.717961	-1.39283	0.0784673	0.725794	-1.3778	17.3653	7.39415	0.37849	1
cg21886103	RELB	0.000482155	0.065894	0.696718	-1.4353	0.453356	0.874791	-1.14313	0.518632	1.12142	1.12142	0.068257	1.4298	1.4298	8.70E-05	0.291528	-3.4302	0.894863	1.02342	1.02342	6.20E-05	0.274445	-3.64372	0.297624	0.827713	-1.20815	0.00308565	0.492007	-2.03249	14.4353	7.01159	0.431757	1
cg10779348	RELB	0.0030828	?	?	?	0.791513	1.05234	1.05234	0.641514	1.09449	1.09449	0.00529429	0.492722	-2.02954	8.41E-05	0.256172	-3.90362	0.155813	0.746456	-1.33966	0.199919	0.770467	-1.29791	0.878642	0.971005	-1.02986	0.0718989	0.679158	-1.47241	8.67807	4.53032	0.522042	1
cg14738348	RELB	0.00439881	0.263686	0.64974	-1.53908	0.000456178	0.129605	-7.71574	0.0086904	0.290086	-3.44726	0.608509	0.825982	-1.21068	0.00106002	0.166717	-5.99819	0.0120846	0.314115	-3.18355	0.00827981	0.28668	-3.48821	0.310772	0.67834	-1.47419	0.181481	0.591594	-1.69035	7.63016	16.5496	1.92798	1
cg10172459	RELB	0.00563904	0.479876	0.851801	-1.17398	0.599601	1.12559	1.12559	0.480484	1.17371	1.17371	0.75557	0.932634	-1.07223	0.0105732	0.487622	-2.05077	0.0290363	0.562879	-1.77658	0.00178364	0.370421	-2.69963	0.00087082	0.327746	-3.05114	0.016265	0.518775	-1.92762	7.07309	5.58764	0.70221	1
cg02727285	RELB	0.0129909	0.0307551	0.343504	-2.91117	0.0368689	0.360239	-2.77594	0.843262	1.08694	1.08694	0.163491	0.534567	-1.87067	0.0179091	0.297676	-3.35936	0.782609	0.890044	-1.12354	0.000956757	0.125891	-7.9434	0.00642767	0.224742	-4.44954	0.115062	0.485966	-2.05776	5.43138	15.2568	2.4969	1
cg06716283	RELB	0.0237576	0.0160927	0.364657	-2.7423	0.0358101	0.433197	-2.30842	0.604308	0.836056	-1.19609	0.0181525	0.37435	-2.6713	0.0181456	0.374319	-2.67152	0.0460019	0.456917	-2.18858	0.00590988	0.291292	-3.43298	0.0168655	0.368408	-2.71438	0.1092	0.549773	-1.81893	4.43495	8.24	1.65153	1
cg10720545	RELB	0.043914	0.0131218	0.147746	-6.76838	0.0717778	0.286595	-3.48925	0.214921	0.444165	-2.25142	0.150009	0.383141	-2.61	0.362859	0.559125	-1.78851	0.078718	0.297049	-3.36645	0.00278902	0.0771195	-12.9669	0.0756655	0.29252	-3.41857	0.088174	0.310464	-3.22099	3.55786	21.7768	5.44066	1
cg26722863	RELB;SFRS16	0.00247342	0.252221	0.75393	-1.32638	0.103261	0.656487	-1.52326	0.04559	0.581951	-1.71836	0.426477	1.21138	1.21138	0.00014052	0.211796	-4.72153	0.0178293	0.506533	-1.9742	0.0926824	0.646007	-1.54797	0.463815	0.838542	-1.19255	0.000494416	0.275822	-3.62553	9.0605	8.00303	0.785145	1
cg20524452	RELL1	0.019837	0.0652196	2.0215	2.0215	0.12606	0.569592	-1.75564	0.116721	1.78521	1.78521	0.262915	1.48718	1.48718	0.421721	0.756481	-1.32191	0.98627	1.00587	1.00587	0.00110266	5.13298	5.13298	0.0490916	2.14656	2.14656	0.60769	0.838555	-1.19253	4.71766	8.63898	1.62773	1
cg19029127	RELL1	0.0262112	0.0329243	0.350423	-2.85369	0.796849	1.11453	1.11453	0.555783	0.778447	-1.28461	0.639628	0.820193	-1.21923	0.000728434	0.115421	-8.6639	0.455516	0.72653	-1.37641	0.234355	1.68873	1.68873	0.563661	0.782417	-1.27809	0.13384	0.506822	-1.97308	4.28594	11.9925	2.4872	1
cg19136192	RELL1;C4orf19;C4orf19	0.030459	0.0931647	0.66243	-1.50959	0.028825	0.56282	-1.77677	0.134586	1.43295	1.43295	0.67726	1.09783	1.09783	0.924585	1.02134	1.02134	0.155074	1.40396	1.40396	0.00772118	2.14497	2.14497	0.111256	1.47232	1.47232	0.104144	1.48613	1.48613	4.06484	3.20098	0.699983	1
cg26695837	RELL1;RELL1	0.000239205	0.133994	2.18611	2.18611	0.688148	0.822617	-1.21563	0.176575	0.498952	-2.0042	0.204297	0.52293	-1.9123	0.867572	0.922411	-1.08412	0.000101806	0.035748	-27.9736	8.12E-06	0.00893053	-111.975	0.513054	0.725399	-1.37855	0.264545	1.75555	1.75555	17.4991	64.9118	3.29728	1
cg03109660	RELL1;RELL1	0.00357272	0.00120029	0.1188	-8.41751	0.630028	0.804207	-1.24346	0.0297014	0.31699	-3.15467	0.00247612	0.151252	-6.61148	0.0057768	0.197178	-5.07156	0.0504849	0.367605	-2.72031	0.00108033	0.114552	-8.72969	0.553668	1.30863	1.30863	0.0250492	0.302176	-3.30933	8.12363	25.9325	2.83753	1
cg01085265	RELL1;RELL1	0.0143938	0.46715	1.18488	1.18488	0.0882795	0.649712	-1.53914	0.0146162	0.50188	-1.99251	0.00203519	0.368889	-2.71084	0.0900656	0.651588	-1.53471	0.444886	0.83647	-1.1955	0.0109413	0.480842	-2.07969	0.28151	1.29255	1.29255	0.381908	1.22827	1.22827	5.25173	4.37244	0.740063	1
cg00675324	RELL1;RELL1	0.0144284	0.775769	0.934087	-1.07056	0.189761	0.717762	-1.39322	0.172283	1.41464	1.41464	0.0279967	0.53804	-1.8586	0.301036	1.29157	1.29157	0.00114016	0.319059	-3.13422	0.0894997	1.56362	1.56362	0.326059	1.27393	1.27393	0.356324	1.25423	1.25423	5.24757	4.7379	0.802555	1
cg13472672	RELL1;RELL1	0.0172116	0.52373	0.81918	-1.22073	0.00375834	0.298992	-3.34457	0.00235711	0.269938	-3.70455	0.778773	0.916743	-1.09082	0.468429	1.25571	1.25571	0.639938	1.15653	1.15653	0.113556	1.70143	1.70143	0.376023	0.755469	-1.32368	0.0785315	0.547085	-1.82787	4.94895	7.46749	1.34125	1
cg01705291	RELL1;RELL1	0.0304565	0.0850242	0.532261	-1.87878	0.565445	1.21216	1.21216	0.997434	0.998936	-1.00107	0.0233708	0.407735	-2.45257	0.161289	0.60933	-1.64115	0.00235878	0.24542	-4.07464	0.0137465	0.364686	-2.74208	0.328325	0.715976	-1.39669	0.835226	0.933352	-1.07141	4.06495	7.05973	1.54376	1
cg02047803	RELL2;RELL2	0.0398906	0.172086	0.588607	-1.69893	0.0101337	3.26304	3.26304	0.224285	1.59276	1.59276	0.277312	1.50978	1.50978	0.92161	0.964746	-1.03654	0.576856	0.814207	-1.22819	0.0149951	0.336088	-2.97541	0.201728	1.63484	1.63484	0.248689	0.644253	-1.55218	3.68686	7.76323	1.87169	1
cg23421926	RELL2;RELL2;HDAC3	0.0288457	0.706337	0.906017	-1.10373	0.118013	0.642379	-1.55671	0.596465	1.14951	1.14951	0.238286	0.724643	-1.37999	0.502727	0.837484	-1.19405	0.00237775	0.331336	-3.01809	0.369559	1.27161	1.27161	0.0198201	2.08235	2.08235	0.651045	1.12606	1.12606	4.14404	4.46224	0.957143	1
cg11064797	RELL2;RELL2;RELL2;HDAC3;RELL2	0.0136835	0.231093	0.867569	-1.15265	0.0471252	1.29294	1.29294	0.166561	1.18152	1.18152	0.0870016	0.807566	-1.23829	0.0982471	1.22763	1.22763	0.0561255	0.782983	-1.27717	0.390068	0.905199	-1.10473	0.00259691	0.623811	-1.60305	0.137497	1.19828	1.19828	5.33983	1.08158	0.180044	1
cg19549288	RELL2;RELL2;RELL2;HDAC3;RELL2	0.022324	0.104642	0.758548	-1.31831	0.0915531	1.33573	1.33573	0.00250124	1.92393	1.92393	0.762537	0.953882	-1.04835	0.496302	1.11363	1.11363	0.0100416	1.65912	1.65912	0.663148	0.933994	-1.07067	0.43308	0.882812	-1.13274	0.193963	1.23878	1.23878	4.53114	1.74209	0.341753	1
cg08746986	RELN;RELN	5.30E-06	0.0139024	0.559129	-1.7885	2.51E-05	0.201688	-4.95815	1.80E-06	0.102695	-9.73755	6.52E-05	0.245956	-4.06577	2.53E-05	0.20203	-4.94975	0.301472	0.814803	-1.22729	7.22E-07	0.0769639	-12.9931	0.00325576	0.464143	-2.15451	5.00E-05	0.23325	-4.28724	47.8198	27.7192	0.515253	1
cg16527112	RELN;RELN	0.000149701	0.0476421	0.509805	-1.96153	0.000770482	0.219902	-4.54747	0.0009481	0.230902	-4.33085	0.000140729	0.141635	-7.06041	0.980696	0.992829	-1.00722	0.000576552	0.205067	-4.87647	9.57E-06	0.0586154	-17.0604	0.0108512	0.38616	-2.5896	0.00302862	0.29862	-3.34874	19.8676	27.8387	1.24552	1
cg09949949	RELN;RELN	0.00160919	0.315177	0.711402	-1.40568	0.00116659	0.209525	-4.77269	0.0171501	2.59187	2.59187	0.177226	0.624873	-1.60033	0.0208311	0.401719	-2.4893	0.000119936	0.110303	-9.06596	0.182367	0.628755	-1.59044	0.555901	1.21568	1.21568	0.798081	1.08769	1.08769	10.2694	17.4835	1.51331	1
cg15148573	RELN;RELN	0.00205379	0.35877	0.887718	-1.12648	0.000747516	1.90738	1.90738	0.418007	0.900815	-1.11011	0.0164089	0.690615	-1.44799	0.000241706	0.464672	-2.15206	0.208613	0.845944	-1.18211	0.1685	0.830937	-1.20346	0.589137	0.933494	-1.07124	0.37921	0.892383	-1.1206	9.56758	2.41384	0.224261	1
cg13566610	RELN;RELN	0.00246092	0.0943294	0.431299	-2.31857	0.808671	0.895006	-1.11731	0.920679	0.955478	-1.0466	0.247605	0.575374	-1.738	0.326934	1.58845	1.58845	4.62E-05	0.0296483	-33.7287	0.561124	1.30827	1.30827	?	?	?	0.26507	1.7008	1.7008	9.27894	27.3122	2.94346	1
cg02777934	RELN;RELN	0.00352488	0.970403	1.00759	1.00759	0.000201616	3.56727	3.56727	0.150002	0.73	-1.36986	0.459895	0.857749	-1.16584	0.234175	1.28959	1.28959	0.38014	1.20153	1.20153	0.274264	0.792952	-1.26111	0.00319694	0.440074	-2.27235	0.478359	1.15834	1.15834	8.1565	5.37226	0.585465	1
cg07426784	RELN;RELN	0.0107692	0.127439	1.4164	1.4164	0.243063	0.772595	-1.29434	0.024289	0.56718	-1.76311	0.138209	1.4009	1.4009	0.135151	0.711658	-1.40517	0.0416114	1.64237	1.64237	0.0214145	1.79286	1.79286	0.00275654	2.39244	2.39244	0.679848	1.0916	1.0916	5.77179	4.07762	0.627977	1
cg18011364	RELN;RELN	0.0163467	0.509632	0.892925	-1.11991	0.565251	0.906264	-1.10343	0.632333	1.08504	1.08504	0.0433006	0.674662	-1.48222	0.000879346	0.429832	-2.32649	0.0239944	0.633882	-1.57758	0.0264652	0.640513	-1.56125	0.388991	1.16122	1.16122	0.667558	1.0759	1.0759	5.03492	2.28588	0.403561	1
cg24021846	RELN;RELN	0.0175405	0.51511	1.32354	1.32354	0.952867	0.975209	-1.02542	0.0111628	0.259043	-3.86037	0.174383	0.541395	-1.84708	0.155266	1.90767	1.90767	0.034477	0.350875	-2.85002	0.00187945	0.153805	-6.50173	0.346453	0.662485	-1.50947	0.0552827	0.397432	-2.51615	4.91766	14.0477	2.53919	1
cg06226283	RELN;RELN	0.0267046	0.808675	0.93879	-1.0652	0.233924	0.722588	-1.38391	0.62359	0.879155	-1.13746	0.732223	1.09355	1.09355	0.399032	0.798669	-1.25208	0.7527	0.920994	-1.08578	0.0357644	0.529319	-1.88922	0.001163	3.4619	3.4619	0.363623	1.27519	1.27519	4.25806	4.57203	0.954433	1
cg17923358	RELN;RELN	0.0447709	0.983473	1.00527	1.00527	0.550745	0.857956	-1.16556	0.427043	1.22853	1.22853	0.641347	1.12644	1.12644	0.39194	0.800436	-1.24932	0.821568	0.944283	-1.059	0.0257611	0.510655	-1.95827	0.00269451	2.86435	2.86435	0.373912	1.26067	1.26067	3.53227	3.60333	0.906772	1
cg11823597	RELT;RELT	0.000224651	0.0987084	0.645647	-1.54883	0.00245721	0.361333	-2.76753	0.286122	0.765153	-1.30693	0.0244782	1.911	1.911	7.41E-05	0.175499	-5.69805	0.117111	0.662767	-1.50883	1.71E-05	0.118721	-8.42314	0.505931	1.17714	1.17714	0.10932	0.655799	-1.52486	17.8005	16.4615	0.822023	1
cg07709430	RELT;RELT	0.00272334	0.00783926	1.8013	1.8013	0.55329	1.10897	1.10897	0.859631	1.031	1.031	0.0215278	1.60989	1.60989	0.000896279	0.424215	-2.3573	0.610172	1.09273	1.09273	0.345665	1.18235	1.18235	0.000817907	2.3869	2.3869	0.996251	0.99919	-1.00081	8.80697	4.14896	0.418755	1
cg05346193	RELT;RELT	0.0138155	0.00368522	0.572879	-1.74557	0.0823891	0.761038	-1.314	0.169712	1.2307	1.2307	0.200659	0.825448	-1.21146	0.0306261	0.697348	-1.434	0.164318	0.810105	-1.23441	0.0245817	0.683865	-1.46228	0.058875	1.35365	1.35365	0.033918	0.703676	-1.42111	5.32303	1.69809	0.283563	1
cg01548965	RELT;RELT	0.015292	0.140793	0.593369	-1.68529	0.0303806	0.43238	-2.31278	0.000723026	0.183713	-5.44326	0.0845056	0.533298	-1.87512	0.105491	0.558405	-1.79081	0.122507	0.576168	-1.7356	0.00519018	0.296581	-3.37176	0.0992481	0.551359	-1.8137	0.0478633	0.474592	-2.10707	5.14775	8.84947	1.52809	1
cg09573890	RELT;RELT	0.022068	0.466199	1.19049	1.19049	0.818145	1.05565	1.05565	0.00252552	2.68026	2.68026	0.101721	1.52389	1.52389	0.975244	0.99273	-1.00732	0.0471246	1.70607	1.70607	0.164797	0.705776	-1.41688	0.00543562	2.36334	2.36334	0.340038	1.26012	1.26012	4.54912	3.98348	0.778365	1
cg06382664	RELT;RELT	0.0250964	0.26565	1.63893	1.63893	0.0243268	3.13664	3.13664	0.0344773	2.85858	2.85858	0.199072	0.561051	-1.78237	0.0300805	0.337378	-2.96403	0.954698	0.976094	-1.02449	0.092115	2.20268	2.20268	0.0121415	3.78653	3.78653	0.879727	1.06662	1.06662	4.3514	12.5015	2.55376	1
cg02855207	RELT;RELT	0.033391	0.856523	1.09593	1.09593	0.00109913	11.4283	11.4283	0.0215093	4.04606	4.04606	0.524261	1.38631	1.38631	0.855593	1.09659	1.09659	0.0688906	2.80236	2.80236	0.305542	1.71089	1.71089	0.0665663	2.83284	2.83284	0.774582	1.15643	1.15643	3.93336	15.9603	3.60682	1
cg22072063	RELT;RELT;RELT	0.0464376	0.0290914	0.597606	-1.67334	0.630057	1.10202	1.10202	0.0963529	1.44117	1.44117	0.738241	0.935071	-1.06944	0.0137555	0.543543	-1.83978	0.693851	1.08241	1.08241	0.115152	1.40899	1.40899	0.0981204	1.43787	1.43787	0.458814	0.859858	-1.16298	3.48417	2.21089	0.564048	1
cg08290845	REM1	0.00101879	0.00114516	0.32251	-3.10068	0.00446892	0.40763	-2.4532	0.704029	1.09454	1.09454	0.477393	1.18647	1.18647	0.000232017	0.235528	-4.24577	0.0993536	1.53349	1.53349	0.0379806	1.76724	1.76724	0.79395	1.06391	1.06391	0.00494156	0.414336	-2.4135	11.7046	10.3842	0.78862	1
cg02725313	REM1	0.00106339	0.0146159	2.02205	2.02205	0.636359	1.11798	1.11798	0.865316	0.961027	-1.04055	0.0153622	2.00703	2.00703	0.000971765	3.15646	3.15646	0.0746295	0.628106	-1.59209	0.000120694	4.82171	4.82171	0.00294932	2.60102	2.60102	0.0122628	2.07621	2.07621	11.563	10.0424	0.77199	1
cg10599900	REM1	0.012725	0.00680887	1.79042	1.79042	0.552669	1.10494	1.10494	0.0118004	0.593098	-1.68606	0.00976403	0.581081	-1.72093	0.0254514	0.643279	-1.55453	0.950112	1.01045	1.01045	0.421588	0.872505	-1.14613	0.878398	1.02576	1.02576	0.0802266	0.724403	-1.38045	5.46817	2.39011	0.388528	1
cg02501463	REM1	0.0275256	0.63528	1.05994	1.05994	0.0232913	1.39144	1.39144	0.336806	1.12824	1.12824	0.0749931	1.27327	1.27327	0.449155	1.09852	1.09852	0.447395	1.09894	1.09894	0.00269659	0.603429	-1.6572	0.310672	0.880026	-1.13633	0.410677	1.10794	1.10794	4.21304	0.990488	0.208978	1
cg08213619	REM1	0.0483629	0.627326	0.877605	-1.13946	0.593313	0.866018	-1.15471	0.206978	0.701072	-1.42639	0.122904	1.56211	1.56211	0.00122882	0.283241	-3.53056	0.686572	1.11433	1.11433	0.6171	0.874141	-1.14398	0.958733	0.986287	-1.0139	0.954597	0.984921	-1.01531	3.43118	3.86986	1.00253	1
cg18660987	REM2	0.000348036	0.00145556	0.33877	-2.95186	0.0190834	1.94995	1.94995	0.138402	0.686941	-1.45573	0.69118	0.910293	-1.09855	0.000554887	0.283291	-3.52994	0.175972	0.712707	-1.4031	0.000334428	3.90408	3.90408	0.00394828	2.49091	2.49091	0.0118018	0.477032	-2.09629	15.7936	13.8594	0.780027	1
cg05384282	REM2	0.00988933	0.760363	0.910702	-1.09805	0.335719	1.35463	1.35463	0.789197	0.921332	-1.08539	0.405152	0.770719	-1.29749	0.000139348	0.133711	-7.4788	0.520538	0.819431	-1.22036	0.333888	1.35629	1.35629	0.509084	0.814808	-1.22728	0.140295	0.615632	-1.62435	5.93168	8.78335	1.31622	1
cg24517858	REN	0.00821081	0.110216	0.744315	-1.34352	0.542219	1.11032	1.11032	0.0395062	1.49773	1.49773	0.000803515	0.423979	-2.35861	0.0498458	0.684232	-1.46149	0.110907	0.744816	-1.34261	0.0290418	1.54723	1.54723	0.982607	1.0037	1.0037	0.92849	1.01534	1.01534	6.29239	2.86756	0.405084	1
cg21537214	REN	0.0246387	0.459786	0.786122	-1.27207	0.431126	0.773432	-1.29294	0.0261907	0.430256	-2.3242	0.232609	0.670171	-1.49216	0.00200713	0.248089	-4.03081	0.16063	0.619289	-1.61476	0.0508178	2.03687	2.03687	0.563082	1.20555	1.20555	0.123847	0.586922	-1.7038	4.37933	7.0907	1.43922	1
cg05556020	REN	0.0261966	0.605735	0.842244	-1.1873	0.497695	1.25483	1.25483	0.0813709	0.528881	-1.89078	0.655742	1.15945	1.15945	0.0177945	0.386715	-2.58588	0.0557958	0.489434	-2.04318	0.0028248	0.257666	-3.881	0.059407	0.495763	-2.01709	0.0338695	0.44185	-2.26321	4.28678	7.38138	1.53057	1
cg13072508	REN	0.0325145	0.172866	0.488519	-2.047	0.0216522	0.256224	-3.90284	0.0397472	0.309067	-3.23554	0.192809	0.50627	-1.97523	0.0532302	0.338033	-2.95829	0.041402	0.312961	-3.19529	0.00269206	0.12898	-7.75315	0.0387142	0.306579	-3.2618	0.0561153	0.343551	-2.91078	3.97112	15.3396	3.4336	1
cg01856640	RENBP	0.0111353	0.0181354	0.248488	-4.02434	0.0252408	0.274939	-3.63718	0.0527815	0.343602	-2.91034	0.028236	0.284468	-3.51534	0.00612113	0.176223	-5.67461	0.0768302	0.384859	-2.59835	0.00217294	0.124002	-8.06435	0.00807354	0.192747	-5.18815	0.0141253	0.229994	-4.34793	5.70997	21.2948	3.31503	1
cg23282949	RENBP	0.0490575	0.00653169	0.220133	-4.54271	0.21763	0.573791	-1.7428	0.0521878	0.388342	-2.57505	0.533077	0.763084	-1.31047	0.109242	0.473322	-2.11273	0.225504	0.579749	-1.72488	0.00743873	0.22847	-4.37694	0.192597	0.553981	-1.80512	0.0354312	0.350318	-2.85455	3.4127	9.91446	2.58237	1
cg25758314	RENBP;NAA10	0.00647779	0.158775	0.441363	-2.26571	0.0359685	0.265872	-3.76121	0.551457	0.720955	-1.38705	0.0351924	3.78904	3.78904	0.154239	0.436862	-2.28905	0.447423	0.656755	-1.52264	0.674021	0.794756	-1.25825	0.000344386	22.831	22.831	0.365441	1.65687	1.65687	6.77657	31.6439	4.15077	1
cg16706260	REP15	0.000515632	0.001735	0.258582	-3.86725	0.0454293	0.499204	-2.00319	0.000796063	0.215709	-4.63587	0.000105436	0.125718	-7.95428	0.0369255	0.480114	-2.08284	0.000190317	0.148937	-6.71424	0.00620396	0.33945	-2.94594	0.00142035	0.247115	-4.0467	0.00192349	0.264617	-3.77905	14.1689	20.5715	1.29056	1
cg07809176	REP15;REP15	0.00839489	0.539085	0.879505	-1.137	0.182602	1.33916	1.33916	0.837567	0.958502	-1.0433	0.93582	0.983509	-1.01677	0.0514035	0.632589	-1.58081	0.00666241	0.483399	-2.06869	0.904105	0.975422	-1.0252	0.000281846	0.293581	-3.40622	0.390599	0.833905	-1.19918	6.24853	4.21895	0.600169	1
cg21361702	REPIN1;REPIN1;REPIN1	0.00448516	0.31865	1.59175	1.59175	0.442726	1.42226	1.42226	0.194305	0.537114	-1.8618	0.284408	1.65188	1.65188	0.17616	1.91836	1.91836	0.446468	1.41798	1.41798	0.000313881	0.0582249	-17.1748	0.00204546	0.126989	-7.87472	0.88506	0.937148	-1.06707	8.82848	27.5622	2.4282	1
cg15304692	REPIN1;REPIN1;REPIN1	0.0192252	0.0829367	2.04315	2.04315	0.497502	0.773893	-1.29217	0.0727133	2.10663	2.10663	0.022072	2.77762	2.77762	0.25731	0.644073	-1.55262	0.0114308	0.307927	-3.24752	0.102276	0.514047	-1.94535	0.0721038	0.473766	-2.11075	0.186053	1.68497	1.68497	4.76802	10.4581	1.94967	1
cg23161505	REPIN1;REPIN1;REPIN1	0.0410105	0.0048102	2.20925	2.20925	0.349934	0.815577	-1.22613	0.203	1.32941	1.32941	0.292605	1.26029	1.26029	0.0088528	2.02584	2.02584	0.0906819	1.48428	1.48428	0.987742	1.00326	1.00326	0.0644805	1.55282	1.55282	0.741575	1.07263	1.07263	3.64939	2.59471	0.631999	1
cg16400647	REPIN1;REPIN1;REPIN1;REPIN1	0.0219982	0.0280951	2.47186	2.47186	0.026607	2.50141	2.50141	0.024032	2.55774	2.55774	0.0282443	2.46901	2.46901	0.0254285	2.52631	2.52631	0.0734879	2.00621	2.00621	0.00552646	3.56896	3.56896	0.00886002	3.19746	3.19746	0.0740476	2.0029	2.0029	4.55407	8.78008	1.71375	1
cg17677524	REPIN1;REPIN1;REPIN1;REPIN1	0.0222182	0.566639	1.15025	1.15025	0.0288316	1.86443	1.86443	0.499198	1.18032	1.18032	0.694284	1.10017	1.10017	0.611607	0.883593	-1.13174	0.0113429	0.464792	-2.1515	0.00284042	2.69937	2.69937	0.210048	1.37609	1.37609	0.507617	1.17639	1.17639	4.53854	4.19845	0.822282	1
cg12613107	REPIN1;REPIN1;REPIN1;REPIN1	0.0392025	0.0631938	1.5512	1.5512	0.00915669	2.00454	2.00454	0.183078	1.34556	1.34556	0.117559	1.42923	1.42923	0.0196852	1.80751	1.80751	0.654284	0.90964	-1.09934	0.00778235	2.05023	2.05023	0.320014	1.24098	1.24098	0.0838567	1.49472	1.49472	3.71052	2.5942	0.621465	1
cg06452544	REPS1;REPS1	0.00394	0.328278	0.804978	-1.24227	0.0281234	0.572631	-1.74633	0.00276015	0.411572	-2.42971	0.0718104	1.54053	1.54053	0.00162355	0.378687	-2.6407	0.495537	0.861758	-1.16042	0.00201884	0.392036	-2.55079	0.531408	1.14602	1.14602	0.0200529	0.547054	-1.82797	7.88833	5.77478	0.650725	1
cg24636611	REPS1;REPS1	0.0176948	0.229569	0.77855	-1.28444	0.0105008	0.527601	-1.89537	0.00225781	0.428008	-2.3364	0.177776	0.752498	-1.32891	0.422725	0.849934	-1.17656	0.0589333	0.654741	-1.52732	0.596701	0.899394	-1.11186	0.985724	0.996454	-1.00356	0.00268825	0.438829	-2.27879	4.90322	3.06161	0.555028	1
cg14814167	REPS1;REPS1	0.0182577	0.399907	0.803244	-1.24495	0.000764712	0.273575	-3.6553	0.327701	0.773461	-1.29289	0.181954	1.43364	1.43364	0.140343	0.668098	-1.49679	0.088448	0.620087	-1.61268	0.13064	0.660315	-1.51443	0.390537	0.799557	-1.25069	0.111504	1.55384	1.55384	4.85186	4.9675	0.910075	1
cg11249390	REPS1;REPS1	0.0264411	0.385678	0.735482	-1.35965	0.246611	0.657996	-1.51977	0.203511	0.628969	-1.5899	0.647211	1.17255	1.17255	0.00232537	0.230138	-4.34522	0.00611326	0.290492	-3.44244	0.856119	0.939224	-1.06471	0.950215	1.02181	1.02181	0.0206162	0.381665	-2.6201	4.27287	8.07629	1.68012	1
cg01465878	REPS1;REPS1	0.0478038	0.335121	0.810572	-1.2337	0.0869696	0.670743	-1.49089	0.655117	0.909382	-1.09965	0.252387	1.28738	1.28738	0.00962011	0.500328	-1.99869	0.889758	0.971122	-1.02974	0.0686921	0.650169	-1.53806	0.261002	0.780604	-1.28106	0.00715067	0.480044	-2.08314	3.4463	2.43665	0.628475	1
cg19614454	REPS1;REPS1	0.0479124	0.751739	0.906796	-1.10278	0.210704	0.66593	-1.50166	0.0242958	0.437065	-2.28799	0.880405	0.954647	-1.04751	0.00908675	0.359907	-2.7785	0.270187	0.701915	-1.42467	0.0731162	1.8518	1.8518	0.151203	1.60665	1.60665	0.907757	1.03638	1.03638	3.44334	5.18281	1.33793	1
cg18217172	REPS1;REPS1;REPS1;REPS1	0.0267719	0.0665994	0.283706	-3.52478	0.139809	0.377915	-2.6461	0.277748	0.500908	-1.99638	?	?	?	0.602869	0.725062	-1.37919	0.0693427	0.288109	-3.47091	0.366627	1.76486	1.76486	0.00174815	0.0650463	-15.3737	0.23813	2.1315	2.1315	4.32754	22.8547	5.28122	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03426344	REPS2;REPS2	0.00319777	0.0252119	0.439395	-2.27586	0.0253656	2.27318	2.27318	0.544578	1.20862	1.20862	0.0549165	1.95928	1.95928	0.14618	1.61928	1.61928	0.00516671	0.319561	-3.12929	0.00112169	0.227138	-4.4026	0.0544888	1.96223	1.96223	0.367919	1.33076	1.33076	8.3972	12.6961	1.34395	1
cg02764898	REPS2;REPS2	0.00579582	0.307643	0.746621	-1.33937	0.305196	1.34149	1.34149	0.767365	0.921196	-1.08555	0.00222456	3.27247	3.27247	0.0113436	0.415963	-2.40406	0.69789	1.11397	1.11397	0.00126538	3.67579	3.67579	0.205927	1.44655	1.44655	0.108355	1.62362	1.62362	7.01364	8.50436	1.07782	1
cg01834528	REPS2;REPS2	0.00624395	0.273637	0.787448	-1.26993	0.0359234	0.599351	-1.66847	0.0058422	0.469074	-2.13186	0.00353667	0.436323	-2.29188	0.00179523	0.393878	-2.53886	0.714497	1.08011	1.08011	0.0955006	1.46835	1.46835	0.0583266	0.638425	-1.56635	0.458959	1.17136	1.17136	6.8542	4.77617	0.619399	1
cg22354945	REPS2;REPS2	0.0207734	0.070853	0.469426	-2.13026	0.00934762	0.290807	-3.43871	0.0478761	0.428461	-2.33394	0.244088	0.633417	-1.57874	0.00565903	0.256583	-3.89737	0.685469	0.858503	-1.16482	0.0205492	0.351523	-2.84476	0.0208295	0.352652	-2.83566	0.256445	1.55867	1.55867	4.64419	10.3264	1.97646	1
cg07141317	RER1	2.13E-05	0.10097	0.695839	-1.43711	0.00020396	0.284526	-3.51461	0.0048124	0.469913	-2.12805	0.00103279	0.37479	-2.66816	1.60E-05	0.165755	-6.03299	3.68E-06	0.112235	-8.90991	4.88E-06	0.121644	-8.22069	0.00908208	0.512069	-1.95286	0.00060111	0.343522	-2.91102	33.3268	21.513	0.573793	1
cg25154306	RER1	0.000361248	0.905058	0.973722	-1.02699	0.0389256	1.70493	1.70493	0.77127	0.937014	-1.06722	0.000689407	0.314637	-3.17827	2.00E-05	0.145564	-6.86984	0.0113508	0.49292	-2.02873	0.0762373	1.55308	1.55308	0.104859	1.4852	1.4852	0.0566342	0.617827	-1.61858	15.6327	12.3319	0.701201	1
cg22040823	RER1	0.00355847	0.705083	0.930818	-1.07432	0.655219	1.08843	1.08843	0.0590651	0.669046	-1.49467	0.257627	0.800325	-1.24949	0.000152247	0.293775	-3.40396	0.00100296	0.39818	-2.51142	0.111284	0.721033	-1.3869	0.0276717	0.612111	-1.63369	0.0625245	0.673525	-1.48473	8.13336	4.57937	0.500476	1
cg22526705	RER1	0.005641	0.042282	1.26781	1.26781	0.0749129	1.22289	1.22289	0.00483735	1.46099	1.46099	0.00715437	1.42235	1.42235	0.519118	1.06855	1.06855	0.00155016	0.630222	-1.58674	0.248096	1.1303	1.1303	0.897889	0.98706	-1.01311	0.987118	1.00164	1.00164	7.07233	1.15264	0.14487	1
cg00407413	RER1	0.0350658	0.117728	0.635382	-1.57386	0.123527	0.640606	-1.56102	0.554257	1.17316	1.17316	0.761234	0.921863	-1.08476	0.00847677	0.407737	-2.45256	0.0305557	0.507416	-1.97077	0.00445442	0.363207	-2.75325	0.499369	0.832726	-1.20088	0.0760813	0.590408	-1.69374	3.8645	4.36182	1.00328	1

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cg11735641	RER1	0.0458645	0.531458
cg12902405	RER1	0.0463043	0.359559
cg01065210	RER1	0.0466572	0.591928
cg15924509	RER1;MORN1	0.00849583	0.000792936
cg26876101	RER1;MORN1	0.0160154	0.00769051
cg16908156	RERE;RERE	0.000111536	0.00414498
cg20325800	RERE;RERE	0.000354092	0.00645112
cg13446918	RERE;RERE	0.000501909	0.00448765
cg21912448	RERE;RERE	0.00144321	0.589548
cg17442683	RERE;RERE	0.00194863	0.00040664
cg20244235	RERE;RERE	0.00203686	0.586748
cg20416874	RERE;RERE	0.00214703	0.131502
cg20263853	RERE;RERE	0.00466669	0.041311
cg26820375	RERE;RERE	0.00496275	0.791548
cg19414419	RERE;RERE	0.00530306	0.535659
cg23092527	RERE;RERE	0.00730393	0.321965
cg15997770	RERE;RERE	0.00986749	0.429623
cg15519465	RERE;RERE	0.0140542	0.103835
cg10589840	RERE;RERE	0.0145778	0.0268854
cg22816534	RERE;RERE	0.0180477	0.200702
cg23209606	RERE;RERE	0.0211686	0.282424
cg00055811	RERE;RERE	0.0214116	0.718596
cg07836226	RERE;RERE	0.0237013	0.300034
cg11516004	RERE;RERE	0.0268278	0.160195
cg25722041	RERE;RERE	0.0309508	0.109313
cg18269493	RERE;RERE	0.034333	0.0190059
cg27449041	RERE;RERE	0.035523	0.0187614
cg24352878	RERE;RERE	0.0403427	0.511899
cg04124586	RERE;RERE	0.0423948	0.813931
cg19679865	RERE;RERE;RERE	0.00392849	0.717816
cg12067736	RERE;RERE;RERE	0.00921233	0.0416561
cg00569091	RERE;RERE;RERE	0.00962325	0.0431137
cg18184092	RERE;RERE;RERE	0.00988261	0.0966697
cg15492466	RERE;RERE;RERE	0.0116254	0.000959474
cg01329153	RERE;RERE;RERE	0.012128	0.0963822
cg06634717	RERE;RERE;RERE	0.0189704	0.0129257
cg09216666	RERE;RERE;RERE	0.0206464	0.942275
cg20316440	RERE;RERE;RERE	0.027331	0.152643
cg04995521	RERE;RERE;RERE	0.031939	0.0176807
cg09246103	RERE;RERE;RERE	0.0390058	0.210596
cg15889173	RERE;RERE;RERE	0.0391925	0.0149972
cg01513967	RERE;RERE;RERE	0.0417887	0.6404
cg11832727	RERE;RERE;RERE;RERE	0.00356081	0.296083
cg24669932	RERE;RERE;RERE;RERE	0.0108942	0.020082
cg03028472	RERG	0.000598674	0.000190418
cg16173736	RERG	0.00178434	0.158159
cg12642725	RERG	0.0270528	0.0321395
cg24979348	RERG;RERG	0.0105721	0.190058
cg04919982	RERGL	0.00013864	1.15E-05
cg19229991	RERGL	0.000173716	0.000264742
cg23985420	RESP18	0.000142922	0.111659
cg00436969	RESP18	0.00022736	0.129907
cg22400015	RESP18	0.000411588	0.0912602
cg13321077	RESP18	0.00501371	0.240387
cg19020434	RESP18	0.00646803	0.0379903
cg27216780	RESP18	0.0152926	0.416086
cg05155043	RESP18	0.0247362	0.141697
cg05531317	RESP18	0.0382589	0.131162
cg21402265	RESP18	0.0417125	0.0443721
cg13773083	RESP18	0.0422665	0.811938
cg25313468	REST	0.000125986	0.00334792
cg27073068	REST	0.00182612	0.00442136
cg04360458	REST	0.00413487	0.979085
cg03348475	REST	0.00548612	0.181791
cg11972708	REST	0.00644463	0.0450423
cg09070522	REST	0.00662051	0.156645
cg00954518	REST	0.00820098	0.322341
cg25736002	REST	0.00948913	0.0427707
cg11939399	REST	0.0113639	0.0130551
cg26099281	REST	0.0248039	0.437514
cg24291500	REST	0.0248175	0.0124303
cg10802936	RET;RET	5.61E-06	0.0642987
cg11200635	RET;RET	5.72E-06	0.116721
cg23042076	RET;RET	0.000602419	0.576768
cg17127309	RET;RET	0.00115604	0.0684308
cg13350140	RET;RET	0.00311277	0.419893
cg04322429	RET;RET	0.00813567	0.145385
cg09848445	RET;RET	0.0203921	0.16091
cg22773074	RET;RET	0.0225157	0.00228095
cg02045259	RET;RET	0.0302515	0.35972
cg14725719	RET;RET	0.0328717	0.879474
cg06559368	RET;RET	0.0330034	0.476786
cg06411096	RETN	5.22E-05	0.0266495
cg20692181	RETN	0.00093693	0.124468
cg06379095	RETN	0.00259196	0.860317
cg02346997	RETN	0.0290768	0.0748179
cg22322184	RETN	0.0381685	0.186531
cg16027147	RETNLB	1.18E-05	5.50E-07
cg20441894	RETNLB	4.08E-05	1.08E-06
cg00003965	RETNLB	0.00694933	0.000212511
cg01287218	RETNLB	0.0240599	0.0231717
cg14659547	RETNLB;RETNLB	5.82E-06	1.11E-07
cg03890195	RETSAT;ELMOD3;ELMOD3;RETSAT;ELMOD3;ELMOD3	0.0162598	0.0820145
cg24981400	REV1;REV1	0.0052218	0.826045
cg22236375	REV1;REV1	0.0320522	0.876814
cg13814591	REV1;REV1	0.0402377	0.0556812
cg10830518	REV3L	8.03E-05	0.137007
cg26292547	REV3L	0.00373901	0.0358649
cg11071901	REV3L	0.00625939	0.701369
cg06421138	REV3L	0.0356995	0.0783484
cg16148696	REV3L	0.0408568	0.013985
cg14634336	REV3L	0.0446757	0.767928
cg14919203	REXO1	2.21E-05	0.000395024
cg07783666	REXO1	0.000116584	0.000129569
cg10370574	REXO1	0.000170239	0.278795
cg04584009	REXO1	0.000260281	0.346022
cg13981214	REXO1	0.000652282	0.00973064
cg06513888	REXO1	0.000664054	0.140788
cg03924776	REXO1	0.000851023	0.575603
cg11579407	REXO1	0.0019748	0.00150007
cg26295127	REXO1	0.00412934	0.0520154
cg27430977	REXO1	0.00516315	0.569057
cg11622330	REXO1	0.0072317	0.0126068
cg00920949	REXO1	0.00733394	0.776137
cg13459487	REXO1	0.0106488	0.000982324
cg25538450	REXO1	0.0130915	0.19348
cg18745841	REXO1	0.0136324	0.0558646
cg02747822	REXO1	0.0197833	0.422755
cg01462884	REXO1	0.0202358	0.838818
cg09432136	REXO1	0.0271815	0.856169
cg18751958	REXO1	0.0304312	0.683946
cg18677278	REXO1	0.049444	0.482872
cg26483802	REXO1	0.0494787	0.0706237
cg16789540	REXO1L1;REXO1L1	0.00498701	0.0649243
cg10205585	REXO1L2P	0.0401979	0.182463
cg07502128	REXO1L2P;REXO1L1	0.00947922	0.0329518
cg14188676	REXO2	2.43E-07	9.44E-07
cg21850429	REXO2	6.31E-06	0.254954
cg19933908	REXO2	0.00482232	0.073466
cg01909953	REXO2	0.0228633	0.633978
cg14806045	RFC1	0.00436044	0.470465
cg27029623	RFC1	0.00439783	0.992506

File: ESM_23 (Online Resource 23)

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cg20227860	RFC1	0.011111	0.013813	0.444626	-2.24908	0.696165	0.90075	-1.11019	0.987185	0.995731	-1.00429	0.599972	1.15137	1.15137	0.0172669	0.461834	-2.16528	0.0885426	1.64947	1.64947	0.00323809	0.343125	-2.91439	0.892092	1.03681	1.03681	0.00594042	0.383564	-2.60712	5.714	6.42016	0.998742	1
cg16196021	RFC1	0.0212256	0.04068	0.155298	-6.43923	0.00500114	0.0535383	-18.6782	0.175072	0.320906	-3.11617	0.327329	0.450728	-2.21863	0.0300833	0.133924	-7.46692	0.0677758	0.199401	-5.01501	0.00238475	0.0355428	-28.1351	0.0304601	0.134747	-7.42133	0.0623012	0.191331	-5.22654	4.61017	45.3493	8.74382	1
cg21127189	RFC1	0.0241268	0.85391	1.12399	1.12399	0.535228	0.671541	-1.48911	0.280273	0.490802	-2.03748	0.00481184	0.0932787	-10.7206	0.380383	0.565197	-1.76929	0.00128152	0.0509334	-19.6335	0.999774	0.999821	-1.00018	0.0976614	0.315885	-3.16571	0.690243	1.2892	1.2892	4.41134	28.0941	5.66099	1
cg20166783	RFC1;RFC1	0.000549723	0.00220912	0.468111	-2.13625	0.578645	0.9055	-1.10436	0.350672	1.18527	1.18527	0.000562208	0.388205	-2.57596	0.447996	1.14664	1.14664	0.00456007	0.512502	-1.95121	6.94E-05	0.276408	-3.61785	0.318266	1.20025	1.20025	0.0725603	1.42548	1.42548	13.9191	6.90221	0.440784	1
cg24115067	RFC2;RFC2	0.0162042	0.367525	0.855245	-1.16926	0.0189107	1.61644	1.61644	0.0320608	0.654271	-1.52842	?	?	?	0.376907	0.857984	-1.16552	0.144554	0.767404	-1.30309	0.00900984	0.570686	-1.75228	0.0390583	1.49702	1.49702	0.613519	1.08984	1.08984	5.14443	2.0667	0.401736	1
cg15076481	RFC2;RFC2	0.0274166	0.0318022	0.368573	-2.71317	0.0146973	0.303846	-3.29114	0.031026	0.366326	-2.72981	0.0275987	0.355853	-2.81015	0.176803	0.565821	-1.76734	0.00385793	0.213469	-4.68453	0.0278784	0.356745	-2.80312	0.399624	0.710338	-1.40778	0.0515905	0.415273	-2.40805	4.21892	10.5124	2.21488	1
cg23765834	RFC2;RFC2	0.0439607	0.0043015	0.0864198	-11.5714	0.332549	1.89854	1.89854	0.0731454	3.60267	3.60267	0.817505	1.15979	1.15979	0.922829	1.06411	1.06411	0.164151	0.385945	-2.59104	0.251098	0.463457	-2.1577	0.0407463	0.219824	-4.5491	0.832568	0.873041	-1.14542	3.55645	23.1674	5.79039	1
cg16135995	RFC2;RFC2	0.0469533	0.211184	0.773268	-1.29321	0.7258	1.07115	1.07115	0.182879	1.3177	1.3177	0.513731	0.878738	-1.138	0.00724089	0.508469	-1.96669	0.302687	0.811879	-1.23171	0.0139315	0.552714	-1.80926	0.101789	0.704954	-1.41853	0.0743072	0.678298	-1.47428	3.46971	2.09374	0.536385	1
cg14330119	RFC2;RFC2	0.0483475	0.568116	1.05619	1.05619	0.0219799	0.77079	-1.29737	0.943671	0.993327	-1.00672	0.125041	0.854433	-1.17037	0.27534	0.898057	-1.11352	0.377898	0.917852	-1.0895	0.0019902	0.661233	-1.51233	0.839107	1.01945	1.01945	0.280344	0.899137	-1.11218	3.43159	0.487866	0.126372	1
cg21312482	RFC3	0.018113	0.642774	0.950568	-1.052	0.211595	1.15353	1.15353	0.109078	1.20883	1.20883	0.0166178	0.728006	-1.37362	0.0175695	0.730809	-1.36835	0.092402	0.817898	-1.22265	0.00753982	0.688561	-1.4523	0.129092	0.836945	-1.19482	0.232514	1.14555	1.14555	4.86487	0.907603	0.165833	1
cg06979412	RFC3	0.0289623	0.309753	0.816026	-1.22545	0.034217	0.620079	-1.6127	0.0292175	0.608376	-1.64372	0.0319617	0.615004	-1.626	0.918146	1.02008	1.02008	0.710147	1.07488	1.07488	0.00863955	1.91094	1.91094	0.370716	1.19457	1.19457	0.969076	0.99253	-1.00753	4.13813	2.45198	0.526697	1
cg01145394	RFC3	0.0336264	0.0892844	0.408368	-2.44877	0.23791	0.553815	-1.80566	0.938108	1.03782	1.03782	0.0736784	0.385561	-2.59363	0.00172445	0.117962	-8.47727	0.937584	0.963258	-1.03814	0.495561	1.39202	1.39202	0.0311382	0.298473	-3.35039	0.0753473	0.388146	-2.57635	3.92343	14.1964	3.21634	1
cg24254120	RFC3;RFC3	0.000192899	0.300462	0.911327	-1.0973	0.000567245	1.58747	1.58747	0.001269	0.665673	-1.50224	0.570286	0.951568	-1.0509	0.00456155	1.38667	1.38667	0.68328	0.965124	-1.03614	0.000136399	0.564833	-1.77044	0.000424679	1.62099	1.62099	0.961276	1.00421	1.00421	18.5521	2.20051	0.105433	1
cg25352188	RFC3;RFC3	0.00858385	0.0124269	0.696263	-1.43624	0.00151849	1.70132	1.70132	0.0070608	1.49955	1.49955	0.0860807	0.801956	-1.24695	0.543048	0.930867	-1.07427	0.882758	1.01732	1.01732	0.512323	0.925585	-1.0804	0.896082	1.01532	1.01532	0.476215	1.08795	1.08795	6.20473	1.33066	0.190631	1
cg01667324	RFC3;RFC3	0.00879102	0.429258	0.838577	-1.1925	0.0479548	1.63769	1.63769	0.00813771	2.09399	2.09399	0.799184	1.05719	1.05719	0.312738	0.796271	-1.25585	0.141986	0.708613	-1.41121	0.00373819	0.425622	-2.3495	0.0131339	0.511208	-1.95615	0.209313	1.3347	1.3347	6.15807	4.64237	0.670103	1
cg24492140	RFC3;RFC3	0.0175312	0.496203	0.838784	-1.1922	0.00310097	2.80002	2.80002	0.0243501	1.97938	1.97938	0.0851192	0.616078	-1.62317	0.89809	1.03314	1.03314	0.154171	0.678317	-1.47424	0.0695878	0.596657	-1.676	0.111049	1.55539	1.55539	0.508893	0.843238	-1.18591	4.91853	5.04342	0.911459	1
cg22013210	RFC3;RFC3	0.0185496	0.507952	1.28299	1.28299	0.0765133	2.07724	2.07724	0.709196	0.870235	-1.14911	0.0603241	2.19459	2.19459	0.832661	0.9245	-1.08167	0.409717	0.731391	-1.36726	0.0771142	0.482281	-2.07348	0.67641	1.16851	1.16851	0.00105268	0.165617	-6.03802	4.826	10.5215	1.93793	1
cg00524967	RFC3;RFC3	0.0254012	0.707614	0.838146	-1.19311	0.0709698	0.38855	-2.57367	0.470487	0.708898	-1.41064	0.570217	1.30849	1.30849	0.00978361	0.216381	-4.62147	0.0595765	0.369215	-2.70845	0.00195185	0.128396	-7.78841	0.0587357	0.36769	-2.71968	0.0722423	0.390574	-2.56034	4.33315	15.0706	3.09153	1
cg10311417	RFC3;RFC3	0.032488	0.107602	0.727887	-1.37384	0.0150283	0.582386	-1.71707	0.0733255	0.696852	-1.43503	0.0993266	0.721257	-1.38647	0.0289642	0.627701	-1.59312	0.174172	0.769921	-1.29883	0.024634	1.6226	1.6226	0.110852	0.730374	-1.36916	0.428031	0.863853	-1.1576	3.97228	2.0581	0.460546	1
cg22124136	RFC3;RFC3	0.0426291	0.014908	0.591045	-1.69192	0.139268	0.756184	-1.32243	0.657903	0.924716	-1.08141	0.816028	0.959895	-1.04178	0.00592792	0.531469	-1.88158	0.377267	0.852893	-1.17248	0.0168487	0.599206	-1.66888	0.0285214	0.635151	-1.57443	0.151997	0.763737	-1.30935	3.59742	1.75745	0.434249	1
cg27559724	RFC4;RFC4	0.000420856	?	?	?	0.19259	0.752978	-1.32806	0.601182	0.897176	-1.11461	0.0275304	1.70957	1.70957	0.452606	0.854343	-1.17049	0.984818	1.00392	1.00392	0.0176965	0.552381	-1.81035	1.09E-05	6.88301	6.88301	0.235493	1.29148	1.29148	15.3563	9.1505	0.595879	1
cg25585523	RFC4;RFC4	0.00706004	0.344625	0.854381	-1.17044	0.000691842	2.3099	2.3099	0.0617476	1.40516	1.40516	0.0492196	1.43753	1.43753	0.733264	1.05686	1.05686	0.546135	0.905967	-1.10379	0.99673	0.999338	-1.00066	0.00121744	2.14984	2.14984	0.352269	1.16737	1.16737	6.59752	2.73115	0.36797	1
cg03446973	RFC4;RFC4	0.0124579	0.131825	0.831749	-1.20229	0.244209	1.14796	1.14796	0.31617	1.12454	1.12454	0.0512402	1.28585	1.28585	0.0324091	0.753016	-1.32799	0.00611292	1.49973	1.49973	0.00518058	1.51888	1.51888	0.184636	1.17276	1.17276	0.391471	0.905343	-1.10455	5.50609	1.11862	0.180587	1
cg03852656	RFC4;RFC4	0.0221696	0.871779	0.943427	-1.05997	0.885774	0.949496	-1.05319	0.246667	0.64612	-1.5477	0.0238648	0.378312	-2.64332	0.575766	0.815599	-1.22609	0.042269	2.32434	2.32434	0.111703	0.535496	-1.86743	0.00319274	4.26954	4.26954	0.372136	0.718661	-1.39148	4.54195	9.35074	1.83	1
cg26099943	RFC4;RFC4	0.0235533	0.000384507	0.0514733	-19.4275	0.620585	0.770076	-1.29857	0.737539	1.19255	1.19255	0.63606	1.28349	1.28349	0.730567	1.19841	1.19841	0.803673	1.1393	1.1393	0.744118	1.18707	1.18707	0.420961	1.53796	1.53796	0.437119	1.51443	1.51443	4.44822	19.3127	3.85927	1
cg10767703	RFC4;RFC4	0.0238207	0.00558686	0.134939	-7.41074	0.323248	1.75338	1.75338	0.645813	1.29007	1.29007	0.973808	0.982093	-1.01823	0.00213629	0.0930678	-10.7449	0.737439	1.20344	1.20344	0.55602	0.720543	-1.38784	0.391698	1.62092	1.62092	0.394095	1.61678	1.61678	4.43088	21.2576	4.26454	1
cg09713000	RFC4;RFC4;RFC4	0.000649976	8.92E-06	0.03079	-32.4781	0.317289	0.688181	-1.45311	0.116382	0.539675	-1.85297	0.155162	1.73313	1.73313	0.421703	0.743263	-1.34542	0.0043976	0.252929	-3.95368	0.617186	1.19982	1.19982	0.38715	0.725826	-1.37774	0.939581	0.972969	-1.02778	13.2838	27.4931	1.83971	1
cg12820191	RFC4;RFC4;RFC4	0.0124715	0.0600462	0.806624	-1.23974	0.712586	0.963211	-1.03819	0.72577	0.964954	-1.03632	0.07415	0.817432	-1.22334	0.0623593	0.808547	-1.23679	0.00164968	0.633598	-1.57829	0.877284	0.984468	-1.01578	0.0809618	1.21656	1.21656	0.0231239	1.3167	1.3167	5.50413	0.894604	0.144474	1
cg01295673	RFC5;RFC5;RFC5;RFC5	0.00287612	0.897835	0.96227	-1.03921	0.00206979	3.66413	3.66413	0.0167256	0.417075	-2.39765	0.126485	1.6404	1.6404	0.00861495	0.36678	-2.72643	0.333098	0.741611	-1.34842	0.402855	1.29217	1.29217	0.0116567	2.56991	2.56991	0.0037459	3.22787	3.22787	8.66587	12.3035	1.26201	1
cg24609255	RFC5;RFC5;RFC5;RFC5	0.0120191	0.239703	1.36891	1.36891	0.0977085	0.629118	-1.58953	0.413283	0.807885	-1.2378	0.864898	0.957495	-1.04439	0.000538646	0.253358	-3.94698	0.0289183	0.518421	-1.92894	0.00778371	0.418306	-2.39059	0.299905	0.760326	-1.31523	0.450553	0.821941	-1.21663	5.57062	5.73967	0.915862	1
cg23343264	RFC5;RFC5;RFC5;RFC5	0.0377497	0.487596	1.33903	1.33903	0.00418776	4.89484	4.89484	0.146605	1.906	1.906	0.00572461	4.48035	4.48035	0.965826	1.01789	1.01789	0.20889	1.73044	1.73044	0.940343	1.03147	1.03147	0.612642	1.23536	1.23536	0.0234313	3.06752	3.06752	3.76221	10.2115	2.41264	1
cg25555485	RFC5;RFC5;RFC5;RFC5	0.0394413	0.906085	0.946115	-1.05695	0.457224	1.42663	1.42663	0.688652	1.20808	1.20808	0.176211	0.509228	-1.96376	0.228622	1.80941	1.80941	0.183562	0.515723	-1.93903	0.0029942	0.147966	-6.75832	0.655625	1.23449	1.23449	0.0466795	2.91244	2.91244	3.70225	12.9153	3.10088	1
cg00521744	RFC5;RFC5;RFC5;RFC5	0.0425133	0.00508774	0.221136	-4.52211	0.396323	0.701886	-1.42473	0.257399	0.617746	-1.61879	0.380625	0.693159	-1.44267	0.0048318	0.217981	-4.58756	0.0663586	0.432072	-2.31443	0.0694715	0.43713	-2.28765	0.894008	0.947125	-1.05583	0.0916952	0.469184	-2.13136	3.60106	9.472	2.33808	1
cg18627459	RFC5;RFC5;RFC5;RFC5;RFC5;RFC5;RFC5;RFC5	0.00313632	0.000108022	0.366742	-2.72671	0.127567	1.27398	1.27398	0.269985	1.1839	1.1839	0.338873	0.865125	-1.1559	0.743028	0.952801	-1.04954	0.606905	0.926566	-1.07925	0.00396211	0.565832	-1.76731	0.543261	1.09464	1.09464	0.409241	1.13206	1.13206	8.44585	2.88913	0.304068	1
cg20572743	RFC5;RFC5;RFC5;RFC5;RFC5;RFC5;RFC5;RFC5	0.0159361	0.970706	1.00694	1.00694	0.087584	1.42609	1.42609	0.884043	0.972906	-1.02785	0.0253545	0.606352	-1.64921	0.0699882	0.682955	-1.46423	0.0347668	0.629279	-1.58912	0.00487424	0.495376	-2.01867	0.154154	1.33259	1.33259	0.093503	1.4151	1.4151	5.07774	2.849	0.498734	1
cg03033080	RFC5;RFC5;RFC5;RFC5;RFC5;RFC5;RFC5;RFC5	0.0167542	0.277968	1.92162	1.92162	0.213838	2.13355	2.13355	0.968247	0.977217	-1.02331	0.0663159	0.303493	-3.29497	0.00642838	0.128457	-7.78472	0.0441511	0.262177	-3.81422	0.00467784	0.113381	-8.81983	0.737075	0.822767	-1.21541	0.159301	2.38885	2.38885	4.99373	26.5105	4.71888	1
cg07015725	RFESD;RFESD;RFESD	0.000309675	0.120648	1.43799	1.43799	0.543433	1.14193	1.14193	0.171558	1.36904	1.36904	0.85792	1.03943	1.03943	4.50E-06	0.102658	-9.74113	0.282002	1.27286	1.27286	0.726538	0.927028	-1.07872	0.0949774	1.4858	1.4858	0.111446	1.45374	1.45374	16.3078	12.0278	0.655599	1
cg15543452	RFESD;RFESD;RFESD	0.000531481	0.0622527	1.4244	1.4244	0.000175044	2.92417	2.92417	0.340677	1.17997	1.17997	0.818327	0.961964	-1.03954	7.48E-05	0.297584	-3.3604	0.0808686	0.721624	-1.38576	0.0879188	1.37358	1.37358	0.390343	1.15992	1.15992	0.162761	1.28549	1.28549	14.0503	6.32105	0.3999	1
cg05479462	RFESD;RFESD;RFESD	0.00132233	0.0347347	1.64004	1.64004	0.697373	0.924462	-1.08171	0.60615	1.11019	1.11019	0.00232375	0.425362	-2.35094	0.492865	0.869376	-1.15025	0.503092	1.14636	1.14636	0.000175752	0.278359	-3.59249	0.0374041	1.62493	1.62493	0.00331534	0.447611	-2.23408	10.8659	6.95201	0.568709	1
cg04821009	RFESD;RFESD;RFESD	0.00611786	0.414431	1.21313	1.21313	0.132939	1.45565	1.45565	0.101802	1.51406	1.51406	0.144268	1.43799	1.43799	0.000658032	0.298599	-3.34898	0.0163629	0.506795	-1.97319	0.551762	1.14962	1.14962	0.932581	1.01979	1.01979	0.0233941	1.87251	1.87251	6.89759	5.85914	0.755064	1
cg18347650	RFESD;RFESD;RFESD	0.0144209	0.00597237	0.331761	-3.01421	0.012482	2.5966	2.5966	0.577669	0.841411	-1.18848	0.529178	0.822255	-1.21617	0.00448728	0.312512	-3.19987	0.196879	0.657806	-1.5202	0.412584	0.773236	-1.29327	0.290899	1.39999	1.39999	0.506306	1.23	1.23	5.24847	7.83384	1.32675	1
cg21967909	RFESD;RFESD;RFESD	0.0214569	0.00928501	4.50625	4.50625	0.0950494	2.30862	2.30862	0.431106	1.44269	1.44269	0.0857845	2.37747	2.37747	0.0926618	2.32554	2.32554	0.0953153	2.30677	2.30677	0.00662057	4.99121	4.99121	0.00271646	6.60992	6.60992	0.0333794	3.10798	3.10798	4.59311	15.133	2.92865	1
cg13672743	RFFL	0.00584693	0.362077	1.14092	1.14092	0.000676025	2.07792	2.07792	0.0185945	1.49415	1.49415	0.152717	0.80611	-1.24053	0.0325294	0.703182	-1.42211	0.0379982	0.71282	-1.40288	0.735787	1.04882	1.04882	0.160131	1.23515	1.23515	0.318991	0.865079	-1.15596	6.9947	2.1939	0.278802	1
cg21235259	RFFL;RFFL	0.00123949	0.00276796	0.305759	-3.27055	0.709153	0.898012	-1.11357	0.0928623	0.588101	-1.70039	0.000141211	0.151732	-6.59058	0.000256134	0.17754	-5.63254	0.0103282	0.395476	-2.5286	0.682274	1.12544	1.12544	0.641495	1.14411	1.14411	0.353011	0.760045	-1.31571	11.069	14.4505	1.16045	1
cg20489653	RFNG	0.00309452	0.802098	0.973009	-1.02774	0.0566012	1.26507	1.26507	0.00356604	1.53752	1.53752	0.104993	1.2129	1.2129	0.0200765	1.35745	1.35745	0.000341468	0.533405	-1.87475	0.190708	1.16296	1.16296	0.72008	1.03999	1.03999	0.358702	1.1083	1.1083	8.47963	1.59426	0.16712	1
cg23325483	RFPL1S;RFPL1	0.00654463	0.280786	0.813685	-1.22898	0.00117945	0.41679	-2.39929	0.00140869	0.427292	-2.34032	0.173875	0.766378	-1.30484	0.559522	1.11464	1.11464	0.0530884	0.667496	-1.49814	0.246692	1.24956	1.24956	0.262638	1.23962	1.23962	0.239294	1.25438	1.25438	6.75501	3.61879	0.476195	1
cg15303841	RFPL1S;RFPL1	0.0109522	0.0458122	0.474052	-2.10947	0.132656	0.589181	-1.69727	0.00538921	0.302858	-3.30188	0.0339686	0.446166	-2.24132	0.00502525	0.298194	-3.35352	0.24312	0.671504	-1.48919	0.578623	0.832832	-1.20072	0.000817635	0.193055	-5.17987	0.130845	0.587488	-1.70216	5.74057	9.66501	1.49656	1
cg03012854	RFPL1S;RFPL1	0.0360868	0.459593	0.784887	-1.27407	0.0852699	0.542254	-1.84415	0.0783851	0.533139	-1.87568	0.898475	0.959769	-1.04192	0.00349205	0.279488	-3.57797	0.169586	0.624581	-1.60107	0.176831	0.630137	-1.58696	0.00460229	0.297248	-3.36419	0.0926889	0.551468	-1.81334	3.82449	6.26796	1.4568	1
cg24246245	RFPL1S;RFPL1	0.0415644	0.123467	1.28502	1.28502	0.263765	0.839384	-1.19135	0.526269	0.908001	-1.10132	0.804007	0.963318	-1.03808	0.0417196	0.702703	-1.42308	0.361869	1.15127	1.15127	0.00349445	1.814	1.814	0.443489	1.1246	1.1246	0.45414	0.891725	-1.12142	3.63132	1.29915	0.31801	1
cg19650920	RFPL1S;RFPL1;RFPL1	0.00394612	0.744075	0.942725	-1.06075	0.0212709	1.64617	1.64617	0.0386195	0.649667	-1.53925	0.0654246	0.689127	-1.45111	0.00163055	0.443696	-2.2538	0.22846	0.79646	-1.25556	0.63459	1.09003	1.09003	0.000671226	0.3919	-2.55167	0.0486295	0.66663	-1.50008	7.88465	4.04801	0.456359	1
cg26675682	RFPL1S;RFPL1;RFPL1	0.00807777	0.0283321	0.522923	-1.91233	0.166875	1.44644	1.44644	0.0450281	0.562098	-1.77905	0.0512786	0.573576	-1.74345	0.000908701	0.28864	-3.46452	0.0624812	0.591487	-1.69065	0.676259	0.900163	-1.11091	0.00432844	0.384756	-2.59905	0.0322018	0.533497	-1.87443	6.32486	6.28374	0.88311	1
cg26494441	RFPL2	0.0476211	0.415338	0.744076	-1.34395	0.0295996	2.48276	2.48276	0.455645	0.76354	-1.30969	0.705213	1.14447	1.14447	0.0178719	2.77896	2.77896	0.0628999	2.10212	2.10212	0.61498	1.1973	1.1973	0.0420157	0.435205	-2.29777	0.436069	0.754179	-1.32594	3.45129	6.8909	1.77477	1
cg22404498	RFPL2;RFPL2	0.0237736	0.946364	1.03555	1.03555	0.00409174	7.39065	7.39065	0.682044	1.23846	1.23846	0.573793	1.34324	1.34324	0.077129	2.77435	2.77435	0.997077	0.9981	-1.0019	0.417337	0.650286	-1.53779	0.0124041	0.198707	-5.03253	0.0672378	0.344775	-2.90044	4.43392	18.9304	3.79506	1
cg12906381	RFPL2;RFPL2;RFPL2	0.00439074	0.238327	2.66217	2.66217	0.00169612	34.9805	34.9805	0.668641	0.710814	-1.40684	0.00976775	13.3349	13.3349	0.0881379	4.44524	4.44524	0.0717641	4.92213	4.92213	0.00495916	0.0523778	-19.0921	0.0838664	0.219473	-4.55638	0.172039	0.315858	-3.16598	7.6344	75.991	8.84778	1
cg08143133	RFPL2;RFPL2;RFPL2	0.00517883	0.0170765	0.483961	-2.06628	0.00067939	3.65554	3.65554	0.69087	0.905041	-1.10492	0.0440354	1.78173	1.78173	0.357827	1.26622	1.26622	0.203451	1.39804	1.39804	0.496479	0.841687	-1.18809	0.0120177	0.457505	-2.18577	0.250567	0.741054	-1.34943	7.26021	7.16423	0.877139	1
cg01124132	RFPL2;RFPL2;RFPL2	0.0115204	0.244541	2.52959	2.52959	0.00291229	22.6172	22.6172	0.0663293	0.208055	-4.80642	0.0400195	6.10595	6.10595	0.162319	3.11826	3.11826	0.121466	3.59634	3.59634	0.046611	0.176035	-5.68068	0.082196	0.230409	-4.34011	0.233883	0.38621	-2.58927	5.64762	51.9808	8.18134	1
cg13405775	RFPL2;RFPL2;RFPL2	0.0174351	0.263486	2.35101	2.35101	0.0480005	5.24702	5.24702	0.141276	0.313434	-3.19046	0.0319953	6.31305	6.31305	0.0512202	5.09418	5.09418	0.30542	2.17766	2.17766	0.0208649	0.130138	-7.68414	0.027451	0.14767	-6.77187	0.218883	0.387401	-2.58131	4.9276	41.9709	7.57112	1
cg02347904	RFPL2;RFPL2;RFPL2	0.0212257	0.54802	1.38651	1.38651	0.0159215	4.88918	4.88918	0.381847	0.617452	-1.61956	0.0138648	5.12742	5.12742	0.383274	1.6171	1.6171	0.376145	1.62948	1.62948	0.0465619	0.293665	-3.40524	0.0352409	0.267566	-3.73739	0.103677	0.384178	-2.60296	4.61016	21.1011	4.06852	1
cg15238664	RFPL2;RFPL2;RFPL2;RFPL2	0.00147781	0.0281932	0.767092	-1.30362	0.00629129	0.694802	-1.43926	0.0206937	0.752	-1.32979	0.0101821	0.717827	-1.39309	0.0500254	0.795616	-1.25689	0.912268	0.988787	-1.01134	0.000229583	1.87013	1.87013	0.289027	1.11919	1.11919	0.0918041	0.827034	-1.20914	10.5246	1.74479	0.147362	1
cg18555433	RFPL2;RFPL2;RFPL2;RFPL2	0.0051245	0.0103442	0.478851	-2.08833	0.781816	0.938669	-1.06534	0.470824	0.845998	-1.18204	0.147372	1.42536	1.42536	0.0666797	0.62579	-1.59798	0.0483079	0.597858	-1.67264	0.000543751	0.293655	-3.40536	0.00472738	0.425042	-2.35271	0.0101757	0.477684	-2.09344	7.28366	5.99518	0.731645	1
cg02267215	RFPL2;RFPL2;RFPL2;RFPL2;RFPL2	0.00298794	0.0921842	0.635807	-1.5728	0.137531	1.47807	1.47807	0.00375059	0.384433	-2.60123	0.00136154	0.321162	-3.11369	0.0116947	0.463163	-2.15907	0.804243	0.941131	-1.06255	0.217264	0.728221	-1.37321	0.000383965	0.25042	-3.9933	0.160103	0.693037	-1.44292	8.56839	8.10004	0.840301	1
cg09362956	RFPL3	0.0116955	0.650071	1.08727	1.08727	0.000722445	0.389745	-2.56578	0.82004	1.04263	1.04263	0.0487438	1.51035	1.51035	0.135544	0.744752	-1.34273	0.12106	0.73494	-1.36065	0.0913753	1.40577	1.40577	0.647285	0.919071	-1.08806	0.158445	1.31809	1.31809	5.62013	2.98716	0.472455	1
cg13005002	RFPL3;RFPL3	0.00903853	0.000807656	0.219091	-4.56432	0.707886	0.893091	-1.11971	0.145315	0.625164	-1.59958	0.00434055	0.318235	-3.14233	0.217755	0.677408	-1.47621	0.44153	1.26584	1.26584	0.729691	0.90105	-1.10982	0.00625527	0.342926	-2.91608	0.0347609	0.477478	-2.09434	6.10409	8.72312	1.27028	1
cg19925512	RFPL3;RFPL3	0.013954	0.112112	1.73691	1.73691	0.0326031	2.22141	2.22141	0.0209373	0.412005	-2.42715	0.526046	1.22758	1.22758	0.0027161	0.266736	-3.74903	0.751291	1.1068	1.1068	0.473345	1.26206	1.26206	0.425495	0.771269	-1.29657	0.0416897	0.472684	-2.11558	5.30562	8.55858	1.43388	1
cg19279464	RFPL3;RFPL3	0.0446914	0.164459	0.773074	-1.29354	0.769763	0.950348	-1.05225	0.136594	0.757083	-1.32086	0.408971	1.15782	1.15782	0.00321401	0.497694	-2.00927	0.0655981	0.698688	-1.43125	0.103456	0.734165	-1.36209	0.0704741	0.704124	-1.42021	0.0368583	0.656585	-1.52303	3.53462	1.68556	0.423885	1
cg00406844	RFPL3;RFPL3;RFPL3	0.00167855	0.0340877	0.567799	-1.76119	0.0478499	1.67825	1.67825	0.00509977	0.42869	-2.33269	0.00381721	0.409554	-2.44168	0.00563061	0.435341	-2.29705	0.342401	0.799422	-1.2509	0.132175	0.689451	-1.45043	0.000150813	0.225635	-4.43194	0.0166484	0.512171	-1.95247	10.145	8.41515	0.737324	1
cg05484394	RFPL3S;RFPL3S	0.000280376	0.00467028	0.624288	-1.60182	0.314015	1.13932	1.13932	0.856358	0.977559	-1.02296	0.282603	0.869485	-1.15011	4.05E-05	0.374785	-2.66819	0.000399295	0.493755	-2.0253	0.000476906	0.503114	-1.98762	0.000307827	0.480066	-2.08305	0.00960265	0.663193	-1.50786	16.7573	4.16416	0.220887	1
cg20078817	RFPL3S;RFPL3S	0.000469551	0.000324881	0.0706118	-14.1619	0.000281198	0.0666544	-15.0028	0.00366472	0.166619	-6.00171	0.107796	0.449155	-2.2264	0.00042458	0.078406	-12.7541	0.00226122	0.142446	-7.0202	0.000467635	0.0813698	-12.2896	0.00182249	0.132544	-7.54464	0.00154115	0.12521	-7.98661	14.5416	47.9086	2.92853	1
cg10413297	RFPL3S;RFPL3S	0.00996258	0.0065286	0.344771	-2.90048	0.00225867	0.275914	-3.62432	0.609885	0.856371	-1.16772	0.00139946	0.247956	-4.03298	0.67511	0.880721	-1.13543	0.478269	0.804754	-1.24262	0.355347	0.750906	-1.33172	0.0110475	0.382758	-2.61262	0.664243	0.8767	-1.14064	5.91771	8.50874	1.27808	1
cg11510714	RFPL3S;RFPL3S	0.0167689	0.672954	1.07299	1.07299	0.239046	0.813936	-1.2286	0.400248	0.866526	-1.15403	0.0902287	0.730329	-1.36925	0.00147114	0.44543	-2.24502	0.0294736	0.646473	-1.54686	0.30649	1.19298	1.19298	0.0160908	0.603893	-1.65592	0.01372	0.592898	-1.68663	5.5902	2.38217	0.331437	1
cg22217678	RFPL3S;RFPL3S	0.0443915	0.0207141	0.247795	-4.0356	0.0430727	0.311621	-3.20903	0.0430189	0.3115	-3.21028	0.602135	0.768376	-1.30145	0.00910687	0.190186	-5.258	0.189264	0.498278	-2.00691	0.0126631	0.211755	-4.72245	0.0977878	0.402568	-2.48405	0.110607	0.418587	-2.38899	3.54353	14.0819	3.53243	1
cg21866125	RFPL4A	0.0124077	0.0243621	0.192281	-5.20073	0.00178922	0.0651459	-15.3502	0.0252134	0.194844	-5.13231	0.233232	0.463905	-2.15561	0.00794008	0.123479	-8.09857	0.0475512	0.24842	-4.02545	0.00504226	0.102371	-9.76839	0.0238053	0.190573	-5.24734	0.150419	0.387814	-2.57855	5.51332	32.9739	5.31623	1
cg10199049	RFPL4A	0.0137969	0.00777229	0.121749	-8.21362	0.00725985	0.118397	-8.44613	0.0274635	0.200532	-4.98673	0.200535	0.434744	-2.3002	0.0179872	0.170165	-5.87664	0.0180713	0.170476	-5.86594	0.00243383	0.0742989	-13.4592	0.771716	0.835913	-1.1963	0.249857	0.476689	-2.09781	5.32538	32.0142	5.34366	1
cg18087694	RFPL4A	0.015187	0.00358073	0.208455	-4.79719	0.038766	0.386306	-2.58862	0.0732548	0.452079	-2.212	0.859994	1.07269	1.07269	0.00618561	0.241948	-4.13313	0.170703	0.560009	-1.78569	0.00243693	0.186997	-5.34767	0.530281	0.776723	-1.28746	0.249384	0.619733	-1.6136	5.1595	12.9076	2.22375	1
cg15952465	RFPL4B	0.00120136	0.0394634	0.726954	-1.3756	0.00880996	0.639867	-1.56283	0.547992	0.921838	-1.08479	0.00383294	0.593443	-1.68508	5.13E-05	0.362428	-2.75917	0.363014	0.882359	-1.13333	0.020577	1.4527	1.4527	0.59243	1.07502	1.07502	0.208247	0.837266	-1.19436	11.1682	3.17003	0.252307	1
cg24250363	RFPL4B	0.00156062	0.406834	0.868524	-1.15138	0.0283792	0.650615	-1.53701	0.0250784	0.6423	-1.5569	0.059424	1.42401	1.42401	0.00043437	0.396902	-2.51951	0.891816	1.02286	1.02286	0.000121412	0.327907	-3.04964	0.352539	0.853063	-1.17225	0.347578	0.851579	-1.17429	10.3606	4.52826	0.388501	1
cg01986631	RFPL4B	0.00309106	0.526189	0.891323	-1.12193	0.235517	1.24945	1.24945	0.168522	1.30062	1.30062	0.148894	0.757824	-1.31957	5.54E-05	0.260903	-3.83284	0.877316	0.972706	-1.02806	0.138443	1.33073	1.33073	0.71589	1.06767	1.06767	0.601711	1.09893	1.09893	8.48245	4.31088	0.451744	1
cg13585985	RFPL4B	0.0193791	0.269119	0.857239	-1.16654	0.769494	1.04011	1.04011	0.321184	0.871814	-1.14703	0.339312	1.1409	1.1409	0.0483684	1.35243	1.35243	0.00708292	1.59318	1.59318	0.00565884	1.62566	1.62566	0.0104215	1.53983	1.53983	0.420462	1.11646	1.11646	4.75517	1.34911	0.25219	1
cg17428185	RFPL4B	0.0251147	0.845742	1.047	1.047	0.0583157	0.603834	-1.65608	0.118609	0.670691	-1.491	0.866539	0.961118	-1.04046	0.343039	1.259	1.259	0.029422	1.83082	1.83082	0.00219001	2.75365	2.75365	0.706856	0.914772	-1.09317	0.771388	0.933612	-1.07111	4.3503	3.83029	0.782637	1
cg00088428	RFPL4B	0.0282508	0.495041	1.14555	1.14555	0.0738216	0.676506	-1.47818	0.0380797	0.624053	-1.60243	0.545003	1.12766	1.12766	0.0043062	2.11409	2.11409	0.0853689	1.45207	1.45207	0.147106	1.35681	1.35681	0.505452	0.875883	-1.1417	0.476092	0.867524	-1.15271	4.17464	2.5431	0.541491	1
cg17617953	RFPL4B	0.04271	0.197583	0.826425	-1.21003	0.153749	0.80753	-1.23834	0.186542	0.822008	-1.21653	0.599901	0.92859	-1.0769	0.439102	0.895421	-1.11679	0.669758	1.06189	1.06189	0.00622371	1.64741	1.64741	0.418122	1.12279	1.12279	0.0229677	0.683344	-1.46339	3.59489	1.11557	0.275841	1
cg07664370	RFT1	0.00071314	0.0523266	0.423806	-2.35957	0.0994273	2.01888	2.01888	0.0284024	2.73564	2.73564	0.0190947	0.331711	-3.01467	1.49E-05	0.0303817	-32.9145	0.95623	1.02158	1.02158	0.15631	0.554373	-1.80384	0.251744	0.627643	-1.59326	0.693816	0.857341	-1.1664	12.9433	31.0216	2.13043	1
cg11184109	RFT1	0.00464245	0.0367565	2.0984	2.0984	0.0382665	2.08241	2.08241	0.0392229	0.482468	-2.07267	0.319046	1.36968	1.36968	0.0293662	0.456615	-2.19003	0.181287	0.648209	-1.54271	0.000437184	0.183118	-5.46097	0.431026	1.27829	1.27829	0.864369	1.05362	1.05362	7.50634	11.0944	1.31378	1
cg02867145	RFT1	0.0116121	0.0106501	0.0893629	-11.1903	0.0108951	0.0903623	-11.0666	0.0523725	0.190267	-5.25577	0.641151	0.702552	-1.42338	0.0072507	0.0738786	-13.5357	0.0372684	0.162305	-6.16123	0.00201883	0.0377899	-26.4621	0.0345778	0.156712	-6.38114	0.0191717	0.118658	-8.42761	5.63315	50.4648	7.96315	1
cg13474998	RFT1	0.0125515	0.00615975	0.122968	-8.13217	0.0285444	0.219694	-4.55179	0.168075	0.422472	-2.36702	0.0548864	0.278879	-3.58578	0.154849	2.44254	2.44254	0.213585	0.463862	-2.15581	0.00117868	0.06134	-16.3026	0.117655	0.369101	-2.70929	0.0740829	0.311144	-3.21394	5.49268	29.927	4.84313	1
cg09451373	RFT1	0.0211535	0.283664	0.823575	-1.21422	0.208918	1.25963	1.25963	0.00289156	2.04171	2.04171	0.700623	0.934895	-1.06964	0.0585557	1.45119	1.45119	0.620442	0.916685	-1.09089	0.0113303	0.575477	-1.73769	0.744625	1.05861	1.05861	0.335949	1.18874	1.18874	4.61553	2.21976	0.427496	1
cg21154426	RFT1	0.0301255	0.0208534	0.210108	-4.75945	0.17729	0.447342	-2.23543	0.218959	0.484177	-2.06536	0.420172	0.629997	-1.58731	0.0636271	0.31041	-3.22155	0.260132	0.517391	-1.93277	0.00403001	0.114504	-8.73335	0.0923968	0.353785	-2.82657	0.00371219	0.110891	-9.01783	4.08078	20.3408	4.43069	1
cg00310257	RFT1	0.036369	0.99561	0.999209	-1.00079	0.979692	1.00367	1.00367	0.00893422	1.61358	1.61358	0.462769	1.11352	1.11352	0.0425792	0.714714	-1.39916	0.112462	0.779909	-1.2822	0.240522	1.19335	1.19335	0.022166	1.48367	1.48367	0.475826	0.900952	-1.10994	3.81367	1.24991	0.291327	1
cg16277835	RFT1;RFT1	0.012091	0.0233698	0.644472	-1.55166	0.725494	1.05883	1.05883	0.26614	1.2067	1.2067	0.595688	0.916824	-1.09072	0.113577	0.756394	-1.32206	0.793476	0.958346	-1.04346	0.0003531	0.394285	-2.53624	0.970761	0.994074	-1.00596	0.29684	1.19172	1.19172	5.55984	2.31546	0.370188	1
cg00871917	RFT1;RFT1	0.0389243	0.907018	1.06617	1.06617	0.770166	1.17427	1.17427	?	?	?	0.757605	1.18502	1.18502	0.671916	0.791678	-1.26314	0.357609	1.67998	1.67998	0.0011616	0.0731091	-13.6782	0.506519	1.44713	1.44713	0.280737	1.84931	1.84931	3.7791	15.9977	4.23321	1
cg03024536	RFTN1	0.00011388	0.140333	0.914992	-1.09291	0.00250146	1.26517	1.26517	0.000249281	0.712816	-1.40289	0.00725079	1.2141	1.2141	0.00769471	1.21142	1.21142	0.00577044	1.22456	1.22456	0.464865	0.959198	-1.04254	6.44E-05	0.662812	-1.50872	0.00323792	0.798588	-1.25221	21.3832	1.06218	0.0441544	1
cg23718026	RFTN1	0.000129323	2.46E-06	0.199672	-5.00822	0.0133248	0.648848	-1.54119	0.107218	0.780323	-1.28152	0.0101349	0.632825	-1.58022	0.00196019	0.539294	-1.85427	0.611485	0.930283	-1.07494	0.00657826	0.607826	-1.64521	0.00287852	0.560845	-1.78302	0.000286893	0.433792	-2.30525	20.6656	6.51384	0.280179	1
cg13420985	RFTN1	0.000788996	0.627586	1.08017	1.08017	0.311213	1.17971	1.17971	0.258298	0.830223	-1.2045	0.269086	0.83397	-1.19908	0.0144673	1.60855	1.60855	0.00561821	1.77438	1.77438	2.17E-05	3.84422	3.84422	0.00307667	1.89494	1.89494	0.183002	1.24968	1.24968	12.581	4.958	0.350298	1
cg17339521	RFTN1	0.00297949	0.0010076	0.388403	-2.57464	0.00712285	1.96124	1.96124	0.326039	0.821601	-1.21714	0.165101	0.75056	-1.33234	0.805447	0.953305	-1.04898	0.193849	1.30525	1.30525	0.00412117	0.474464	-2.10764	0.00879728	0.523885	-1.90882	0.0251213	0.596783	-1.67565	8.5756	5.10012	0.528644	1
cg11382133	RFTN1	0.00450427	0.000931975	0.2444	-4.09166	0.193235	1.4808	1.4808	0.630319	0.870862	-1.14829	0.211629	1.45529	1.45529	0.474819	0.812832	-1.23027	0.00123389	3.84575	3.84575	0.224515	1.43878	1.43878	?	?	?	0.87719	1.04508	1.04508	7.73935	8.85833	1.14458	1
cg16875864	RFTN1	0.0047759	0.00076679	0.20058	-4.98555	0.505779	1.23722	1.23722	0.0243492	0.429128	-2.33031	0.154797	0.61873	-1.61621	0.000396605	0.16897	-5.9182	0.999339	1.00026	1.00026	0.892705	0.958346	-1.04346	0.626497	1.16722	1.16722	0.401028	0.762618	-1.31127	7.44191	11.7149	1.39927	1
cg17377625	RFTN1	0.00488905	0.629284	1.09488	1.09488	0.137245	1.34755	1.34755	0.712197	1.07149	1.07149	0.445303	1.15603	1.15603	0.000346287	0.342096	-2.92316	0.865696	0.968948	-1.03205	0.00125981	0.415882	-2.40453	0.430748	0.860823	-1.16168	0.721704	1.06892	1.06892	7.38901	4.06392	0.488885	1
cg10502118	RFTN1	0.005575	0.000653952	0.260787	-3.83455	0.280018	1.335	1.335	0.362724	0.786089	-1.27212	0.0508158	0.564133	-1.77263	0.253449	0.735754	-1.35915	0.0485289	1.78572	1.78572	0.0428961	1.82127	1.82127	0.0111375	0.441009	-2.26753	0.271542	0.744909	-1.34245	7.09796	7.44148	0.931907	1
ch.3.373140F	RFTN1	0.00897842	0.00399705	0.311433	-3.21096	0.00120769	0.239448	-4.17627	0.0539086	0.516918	-1.93454	0.0237888	0.44327	-2.25596	0.0258284	0.450223	-2.22112	0.165656	0.640287	-1.5618	0.00271881	0.286964	-3.48476	0.110658	0.592054	-1.68904	0.0991995	0.579836	-1.72463	6.11703	8.80905	1.28008	1
cg20660627	RFTN1	0.0121171	0.0168796	0.531106	-1.88286	0.0465348	1.64032	1.64032	0.634918	1.10942	1.10942	0.0378247	0.592835	-1.68681	0.140924	0.70908	-1.41028	0.731767	0.928026	-1.07756	0.213949	0.752716	-1.32852	0.00127595	0.36061	-2.77308	0.0461161	0.608897	-1.64231	5.55596	4.14694	0.663463	1
cg03591499	RFTN1	0.0133576	0.0106458	0.488089	-2.04881	0.0840403	1.5326	1.5326	0.0471827	0.602154	-1.66071	0.512633	0.862163	-1.15987	0.549315	1.1449	1.1449	0.404711	1.20976	1.20976	0.00592597	0.447578	-2.23425	0.00720716	0.460887	-2.16973	0.134415	0.697324	-1.43405	5.38218	4.25228	0.702281	1
cg04066019	RFTN1	0.0234321	0.568834	0.501002	-1.996	0.054487	13.7144	13.7144	0.0288444	22.0491	22.0491	0.705685	1.57674	1.57674	0.828201	1.29801	1.29801	0.0637334	12.2009	12.2009	0.00105181	336.039	336.039	0.0599817	12.7661	12.7661	0.102055	8.56542	8.56542	4.45615	101.66	20.2786	1
cg22044848	RFTN1	0.0328918	0.931789	0.991703	-1.00837	0.814168	0.977344	-1.02318	0.495298	0.93483	-1.06971	0.0147328	0.746659	-1.3393	0.71784	0.965299	-1.03595	0.910608	1.01099	1.01099	0.0013088	0.634201	-1.57679	0.851557	1.0184	1.0184	0.0456774	0.800119	-1.24981	3.95472	0.593295	0.133353	1
cg15248013	RFTN1	0.0361539	0.0198809	0.293788	-3.40381	0.963631	1.02007	1.02007	0.36574	0.667028	-1.49919	0.0614476	0.399285	-2.50448	0.00295656	0.168989	-5.91755	0.70147	0.845498	-1.18273	0.0553421	0.388129	-2.57647	0.529588	1.31982	1.31982	0.0527067	0.383037	-2.61071	3.8219	11.4924	2.67287	1
cg04381957	RFTN1	0.0396293	0.0449794	0.300599	-3.32669	0.00301084	0.119443	-8.37219	0.0100631	0.183257	-5.45683	0.380317	0.624914	-1.60022	0.581253	0.747492	-1.33781	0.388455	0.630172	-1.58687	0.0310139	0.266388	-3.75393	0.124455	0.419363	-2.38457	0.382414	0.626272	-1.59675	3.69578	15.9752	3.84228	1
cg00259834	RFTN1	0.0414752	0.0087303	0.160758	-6.22054	0.54473	0.715081	-1.39844	0.0906242	0.360625	-2.77297	0.0673566	0.325821	-3.06917	0.0172526	0.204528	-4.8893	0.986242	1.00948	1.00948	0.344347	0.586923	-1.7038	0.0166087	0.201838	-4.95446	0.0242522	0.230066	-4.34659	3.63422	17.2261	4.21333	1
cg18276599	RFTN1	0.0466611	0.144387	1.29481	1.29481	0.0415021	0.678851	-1.47308	0.390428	0.865012	-1.15605	0.953959	1.00956	1.00956	0.809756	0.961038	-1.04054	0.0127831	1.6647	1.6647	0.0633465	1.41068	1.41068	0.137676	0.768415	-1.30138	0.293865	0.835762	-1.19651	3.47788	1.4956	0.38225	1
cg25474373	RFTN2	9.86E-05	0.716929	0.970543	-1.03035	0.00862827	0.759572	-1.31653	0.00494266	0.736625	-1.35754	0.0560369	1.19449	1.19449	0.00739246	1.32764	1.32764	1.91E-05	2.04119	2.04119	3.99E-05	1.90539	1.90539	0.0266198	1.24081	1.24081	0.990732	1.00095	1.00095	22.2233	2.37333	0.0949284	1
cg00826638	RFTN2	0.00813528	0.00689987	0.26495	-3.77429	0.325669	0.680152	-1.47026	0.00453371	0.237815	-4.20496	0.0150678	0.321559	-3.10985	0.0754917	0.471649	-2.12022	0.0196878	0.343009	-2.91537	0.00152569	0.176744	-5.65791	0.930568	0.967444	-1.03365	0.00916805	0.284576	-3.51399	6.31074	14.4169	2.03067	1
cg25426742	RFTN2	0.0476896	0.0175022	1.88337	1.88337	0.20614	0.746819	-1.33901	0.917526	1.02293	1.02293	0.780891	1.06294	1.06294	0.706773	1.08625	1.08625	0.012045	1.98471	1.98471	0.0114184	1.99979	1.99979	0.191596	1.35343	1.35343	0.650344	1.10506	1.10506	3.44941	2.61803	0.674647	1
cg25623035	RFWD2;RFWD2	0.000141386	0.338799	0.76907	-1.30027	0.0513441	0.553869	-1.80548	0.155866	0.667419	-1.49831	0.145086	1.51698	1.51698	7.32E-05	0.146488	-6.82651	0.000174786	0.183452	-5.451	1.98E-05	0.099961	-10.0039	0.0165681	0.458673	-2.1802	0.000451351	0.229294	-4.36122	20.1758	22.6616	0.998406	1
cg08889551	RFWD2;RFWD2	0.000578259	0.00416051	0.765536	-1.30627	0.0171264	1.224	1.224	0.00438687	1.30295	1.30295	0.0003977	0.675607	-1.48015	0.433537	1.05716	1.05716	0.0051072	0.773069	-1.29354	0.00339557	0.758032	-1.31921	0.725872	1.02479	1.02479	0.0249898	1.20385	1.20385	13.7244	1.05177	0.06812	1
cg26912688	RFWD2;RFWD2	0.0135607	0.932079	1.00885	1.00885	0.0100649	1.39883	1.39883	0.00478167	1.47259	1.47259	0.307756	0.896639	-1.11528	0.184543	1.15655	1.15655	0.453283	0.924087	-1.08215	0.479534	0.928413	-1.07711	0.348554	0.905082	-1.10487	0.00365189	1.50123	1.50123	5.35564	0.905805	0.150339	1
cg23020037	RFWD2;RFWD2	0.0136856	0.460672	0.555981	-1.79862	0.896615	1.10694	1.10694	0.731667	1.30869	1.30869	0.00885183	0.0739596	-13.5209	0.0466761	0.1686	-5.93119	0.760584	0.787522	-1.26981	0.0538151	5.53536	5.53536	0.0115371	11.8116	11.8116	0.0146494	10.4737	10.4737	5.33956	51.6568	8.59942	1
cg13983442	RFWD2;RFWD2	0.0209258	0.0144079	0.3128	-3.19693	0.043584	0.413182	-2.42024	0.0594835	0.445814	-2.24309	0.462527	0.756212	-1.32238	0.00414762	0.222624	-4.49187	0.159881	0.568166	-1.76005	0.00438403	0.226204	-4.42078	0.0109173	0.290847	-3.43824	0.064618	0.454898	-2.19829	5.1544	11.0963	1.67438	1
cg01002233	RFWD2;RFWD2	0.0300753	0.0213273	0.222086	-4.50277	0.515112	0.698411	-1.43182	0.0791707	0.346473	-2.88623	0.694093	0.806564	-1.23983	0.00532086	0.135726	-7.36777	0.306022	0.561934	-1.77957	0.0164143	0.202925	-4.92793	0.544958	1.39541	1.39541	0.0130224	0.187208	-5.34166	4.08319	19.1265	4.16373	1
cg16372976	RFWD2;RFWD2	0.0311457	0.014723	0.475487	-2.10311	0.827022	0.947249	-1.05569	0.159361	1.45121	1.45121	0.684116	1.1066	1.1066	0.937013	0.980619	-1.01976	0.385015	0.802081	-1.24676	0.00399271	0.383589	-2.60696	0.371095	0.796583	-1.25536	0.0192166	0.495871	-2.01665	4.03268	3.91642	0.863262	1
cg05580060	RFWD3	0.000185581	0.215222	1.10887	1.10887	4.64E-05	1.96167	1.96167	0.00107263	1.49959	1.49959	0.743268	0.974486	-1.02618	0.000957496	0.661516	-1.51168	0.0868098	0.859872	-1.16296	0.000667732	0.644417	-1.55179	0.629787	1.03896	1.03896	0.00365571	1.38347	1.38347	24.0649	2.30477	0.0744904	1
cg04266315	RFWD3	0.0010372	0.000101238	0.115388	-8.6664	0.560394	0.83147	-1.20269	0.0615693	1.93497	1.93497	0.304508	1.39562	1.39562	0.0100772	2.76733	2.76733	0.0475533	2.03478	2.03478	0.00482913	3.22802	3.22802	0.0261156	2.28738	2.28738	0.0852594	1.8156	1.8156	11.6452	18.1231	1.38335	1
cg00186383	RFWD3	0.00888085	0.812961	1.06976	1.06976	0.0303288	2.06329	2.06329	0.0130296	2.40221	2.40221	0.121744	1.6116	1.6116	0.178627	0.665963	-1.50158	0.00934027	0.391447	-2.55462	0.0164441	0.434313	-2.30248	0.0387818	0.506241	-1.97534	0.258387	0.714986	-1.39863	6.13827	7.86803	1.13938	1
cg08209474	RFWD3	0.010184	0.0708349	0.604718	-1.65366	0.00123651	3.24391	3.24391	0.123429	1.51564	1.51564	0.988146	0.996305	-1.00371	0.600945	1.14055	1.14055	0.0885808	0.626159	-1.59704	0.0200251	0.496893	-2.01251	0.0727159	0.607186	-1.64694	0.897021	1.03279	1.03279	5.87623	5.77924	0.874217	1
cg09900105	RFWD3	0.012183	0.00330391	0.28748	-3.4785	0.0475168	2.02607	2.02607	0.0589319	1.94341	1.94341	0.64293	0.864647	-1.15654	0.758462	1.10085	1.10085	0.028484	0.446947	-2.2374	0.104677	0.575535	-1.73751	0.0247729	0.43494	-2.29917	0.0958565	0.56566	-1.76785	5.54617	8.52384	1.36612	1
cg02042467	RFWD3	0.0292881	0.63938	0.883943	-1.13129	0.00376629	0.359846	-2.77896	0.381074	0.790693	-1.26471	0.671115	0.89436	-1.11812	0.0172172	0.468293	-2.13541	0.309291	0.759542	-1.31658	0.0128084	0.445685	-2.24374	0.533849	1.17905	1.17905	0.0209799	0.483868	-2.06668	4.12179	4.46052	0.961939	1
cg03220187	RFWD3	0.0296851	0.0506088	1.31973	1.31973	0.93593	1.01006	1.01006	0.349695	1.12738	1.12738	0.00466967	1.59753	1.59753	0.00355877	1.63542	1.63542	0.0452813	1.33113	1.33113	0.677986	0.949326	-1.05338	0.914363	1.01349	1.01349	0.493207	1.09053	1.09053	4.10217	1.00774	0.218364	1
cg02126435	RFWD3	0.0344274	0.00721546	0.0839344	-11.9141	0.284694	0.464682	-2.15201	0.0116331	0.106304	-9.407	?	?	?	?	?	?	0.0337711	0.17518	-5.7084	?	?	?	0.219897	0.410116	-2.43833	0.278968	0.460055	-2.17365	4.51067	21.9176	5.66891	1
cg01733217	RFWD3;RFWD3	0.00356521	?	?	?	0.0139859	2.74136	2.74136	0.141253	0.591148	-1.69162	0.000196644	0.124959	-8.00264	0.0498476	2.10281	2.10281	0.781622	0.911801	-1.09673	0.911435	0.963705	-1.03766	0.635564	0.853317	-1.1719	0.294904	0.697023	-1.43467	8.30773	12.9123	1.55425	1
cg27476456	RFX1	0.00104283	0.0619894	0.687147	-1.45529	0.0265138	1.5993	1.5993	0.243504	1.24343	1.24343	0.416754	0.862279	-1.15972	0.696102	1.0726	1.0726	0.118077	0.738612	-1.35389	0.000112419	0.2977	-3.35909	0.00108072	2.36699	2.36699	0.0866393	0.713268	-1.402	11.6273	5.87008	0.448757	1
cg18109874	RFX1	0.00158286	0.528921	0.80047	-1.24927	0.00312023	4.09696	4.09696	0.00585866	3.51993	3.51993	0.0668423	2.04793	2.04793	0.0118525	0.334174	-2.99245	0.0124308	2.96049	2.96049	0.00407685	0.260553	-3.83799	0.0042291	3.80417	3.80417	0.977915	1.0097	1.0097	10.3184	19.8918	1.71359	1
cg03624195	RFX1	0.00160147	0.0328912	2.40225	2.40225	0.0377592	2.33085	2.33085	0.0398872	2.30311	2.30311	0.901817	0.95758	-1.0443	0.00568329	0.279701	-3.57525	0.00723252	3.37776	3.37776	0.0129049	2.95679	2.95679	0.000227918	8.59545	8.59545	0.0157776	2.82597	2.82597	10.2837	20.0897	1.73649	1
cg04558278	RFX1	0.00386993	0.00857117	0.585174	-1.70889	0.0648472	1.39283	1.39283	0.923668	0.984802	-1.01543	0.224524	1.22614	1.22614	0.00131459	0.473714	-2.11098	0.000815054	0.446409	-2.2401	0.67065	1.07075	1.07075	0.133592	0.772166	-1.29506	0.820296	0.964294	-1.03703	7.93105	3.20746	0.359482	1
cg16241867	RFX1	0.00561446	0.0282175	2.65657	2.65657	0.0051004	4.03736	4.03736	0.572387	0.806452	-1.24	0.0822743	2.06651	2.06651	0.379262	1.40513	1.40513	0.303785	1.49424	1.49424	0.530619	1.27064	1.27064	0.000235581	9.95898	9.95898	0.00787473	3.61673	3.61673	7.08259	15.9497	2.00173	1
cg24527194	RFX1	0.0180926	0.439363	1.19888	1.19888	0.175502	1.39282	1.39282	0.345483	1.2504	1.2504	0.867392	1.03918	1.03918	0.268313	1.30367	1.30367	0.0162857	1.96532	1.96532	0.00869577	2.15772	2.15772	0.00114569	3.00287	3.00287	0.0177554	1.94064	1.94064	4.86672	4.07722	0.744689	1
cg18642503	RFX1	0.0191242	0.0359267	7.94364	7.94364	0.54125	1.69076	1.69076	0.250675	2.77118	2.77118	0.159472	3.58465	3.58465	0.283645	0.388326	-2.57516	0.0220617	10.2923	10.2923	0.00297456	31.8577	31.8577	0.0101572	15.6902	15.6902	0.0241818	9.80017	9.80017	4.77653	54.5517	10.1518	1
cg22693863	RFX1	0.0258456	0.151798	0.508676	-1.96589	0.155956	0.512626	-1.95074	0.179714	0.534044	-1.87251	0.874557	1.07202	1.07202	0.330791	0.642914	-1.55542	0.0118203	0.250629	-3.98997	0.0578385	0.389037	-2.57045	0.00259721	0.159308	-6.27716	0.00806886	0.224539	-4.45357	4.30702	13.2188	2.72811	1
cg08026852	RFX1	0.0265149	0.0590013	0.300666	-3.32595	0.0114189	0.167915	-5.9554	0.0651232	0.311253	-3.21282	0.0328064	0.244793	-4.08508	0.0122404	0.172224	-5.8064	0.79145	0.861253	-1.1611	0.00830543	0.14932	-6.69703	0.307885	0.551635	-1.81279	0.0157971	0.188874	-5.29454	4.2687	21.4757	4.47198	1
cg19663209	RFX1	0.0340947	0.675826	0.940376	-1.06341	0.00408795	0.569358	-1.75637	0.0682902	1.34769	1.34769	0.781922	1.0414	1.0414	0.248272	0.838255	-1.19295	0.491659	0.902939	-1.10749	0.222749	1.20598	1.20598	0.0912313	0.761919	-1.31248	0.035009	0.698307	-1.43204	3.90392	1.32121	0.300828	1
cg05926784	RFX1	0.035237	0.104247	2.08326	2.08326	0.413893	1.41222	1.41222	0.378009	1.45322	1.45322	0.330927	1.51369	1.51369	0.809237	1.10511	1.10511	0.543471	0.77559	-1.28934	0.0478893	2.54639	2.54639	0.000783709	8.1545	8.1545	0.334994	1.50812	1.50812	3.85769	10.4332	2.40402	1
cg00010445	RFX1	0.0426632	0.183918	2.18898	2.18898	0.601867	1.33983	1.33983	0.853611	1.10811	1.10811	0.457747	1.52235	1.52235	0.143255	0.417181	-2.39704	0.120382	2.55049	2.55049	0.00410734	8.496	8.496	0.0162357	5.12314	5.12314	0.105539	2.67178	2.67178	3.59635	17.5929	4.34834	1
cg14230238	RFX2;RFX2	6.11E-07	1.18E-06	1.60689	1.60689	2.35E-05	0.727235	-1.37507	0.0811656	1.07565	1.07565	4.04E-06	1.49707	1.49707	0.171536	1.05644	1.05644	0.781986	1.01052	1.01052	3.91E-07	0.578462	-1.72872	0.000186195	0.788228	-1.26867	0.000354695	1.2415	1.2415	83.1278	1.87282	0.0200262	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11436143	RFX2;RFX2	4.07E-05	0.00696685	0.553086	-1.80804	0.03368	1.52328	1.52328	0.309449	0.836564	-1.19537	0.438601	0.874557	-1.14344	1.52E-06	0.126864	-7.88245
cg22067527	RFX2;RFX2	9.18E-05	0.000537606	0.30308	-3.29945	0.00994488	0.485866	-2.05818	6.27E-05	0.195072	-5.12631	0.729067	1.08014	1.08014	0.0281846	0.562922	-1.77644
cg01538575	RFX2;RFX2	0.000400174	0.000176636	0.17329	-5.77068	0.00987981	0.407086	-2.45649	0.0389021	0.517299	-1.93312	0.00881102	0.398748	-2.50785	6.77E-05	0.133905	-7.46797
cg16039449	RFX2;RFX2	0.00047287	0.600022	0.918762	-1.08842	0.417489	0.875744	-1.14189	0.00625426	0.56521	-1.76925	0.100691	0.749822	-1.33365	0.00258479	0.512343	-1.95182
cg13126655	RFX2;RFX2	0.000964329	0.00035973	0.301058	-3.32162	0.00294447	2.35479	2.35479	0.0286115	1.71885	1.71885	0.612491	1.11309	1.11309	0.462907	0.854937	-1.16968
cg13492600	RFX2;RFX2	0.00127151	0.073271	0.603814	-1.65614	7.62E-05	0.139293	-7.17911	0.140886	0.671846	-1.48844	0.16504	0.689755	-1.44979	0.0125888	0.45027	-2.22089
cg04512965	RFX2;RFX2	0.00136197	0.000373635	0.158954	-6.29114	0.00128964	0.219634	-4.55302	0.00484072	0.2989	-3.34561	0.0139342	0.374695	-2.66884	0.00216128	0.2487	-4.02091
cg11923174	RFX2;RFX2	0.00155381	0.728458	1.05542	1.05542	0.32356	1.17092	1.17092	6.03E-05	3.14933	3.14933	0.94824	1.0101	1.0101	0.563748	1.09453	1.09453
cg19907483	RFX2;RFX2	0.0025126	0.429609	0.915469	-1.09234	0.00484327	0.664131	-1.50573	0.00824419	0.690648	-1.44791	0.170047	1.1736	1.1736	0.000186168	0.501006	-1.99598
cg22608764	RFX2;RFX2	0.00268764	0.0121621	0.476452	-2.09885	0.0178447	0.50502	-1.98012	0.583195	1.1405	1.1405	0.554299	0.867702	-1.15247	0.00283724	0.377201	-2.6511
cg24882203	RFX2;RFX2	0.00360391	0.720686	0.959847	-1.04183	0.194046	0.85484	-1.16981	0.00118205	0.581017	-1.72112	0.385732	0.90348	-1.10683	0.381849	1.1078	1.1078
cg00448761	RFX2;RFX2	0.00513777	0.00803369	0.244579	-4.08866	0.000223743	0.0783306	-12.7664	0.0223801	0.321519	-3.11023	0.00639271	0.229616	-4.35509	0.0483386	0.392391	-2.54848
cg18109231	RFX2;RFX2	0.00559876	0.0437651	0.720655	-1.38763	0.0740953	1.32489	1.32489	0.15192	0.804965	-1.24229	0.00669583	0.608273	-1.644	0.808583	1.0349	1.0349
cg02305651	RFX2;RFX2	0.00813221	0.130348	0.826825	-1.20945	0.00417786	1.56317	1.56317	0.132664	0.827913	-1.20786	0.930168	1.01025	1.01025	0.172819	1.18395	1.18395
cg00818822	RFX2;RFX2	0.00994189	0.29999	0.729403	-1.37098	0.917598	1.03087	1.03087	0.207377	0.676666	-1.47783	0.00307631	0.304101	-3.28838	0.00364319	0.314915	-3.17546
cg09975267	RFX2;RFX2	0.011824	0.297187	0.776083	-1.28852	0.0338326	0.559245	-1.78812	0.87655	1.03713	1.03713	0.428486	0.827296	-1.20876	0.0338418	0.559267	-1.78805
cg25242498	RFX2;RFX2	0.0137452	0.00213903	0.115599	-8.65063	0.928191	1.04612	1.04612	0.0635227	0.352162	-2.8396	0.162402	0.474206	-2.10879	0.00110452	0.0902032	-11.0861
cg00473597	RFX2;RFX2	0.0141948	0.0235785	0.5356	-1.86707	0.931095	0.980226	-1.02017	0.180154	0.719858	-1.38916	0.424051	0.828161	-1.2075	0.000603437	0.294779	-3.39237
cg25741259	RFX2;RFX2	0.0182692	0.932452	0.976976	-1.02357	0.222979	1.42169	1.42169	0.0623111	0.561837	-1.77987	0.0684387	0.570923	-1.75155	0.0416434	0.524493	-1.9066
cg10227919	RFX2;RFX2	0.0189523	0.55351	1.31804	1.31804	0.40512	1.48058	1.48058	0.992573	1.0043	1.0043	0.21095	1.83538	1.83538	0.00372089	0.16442	-6.082
cg17373343	RFX2;RFX2	0.026025	0.0122027	0.230116	-4.34563	0.0333237	0.310322	-3.22245	0.395665	0.664156	-1.50567	0.0721649	0.389013	-2.57061	0.0125392	0.232026	-4.30986
cg08268652	RFX2;RFX2	0.0292213	0.913926	0.987115	-1.01305	0.256824	1.15253	1.15253	0.000671258	1.86651	1.86651	0.977563	1.00338	1.00338	0.455461	1.09547	1.09547
cg07583296	RFX2;RFX2	0.0338887	0.0579467	1.50176	1.50176	0.0575426	0.665336	-1.503	0.954268	1.01094	1.01094	0.863356	1.03322	1.03322	0.615625	1.1008	1.1008
cg16009129	RFX2;RFX2	0.0343328	0.977705	1.0071	1.0071	0.439843	1.22076	1.22076	0.788286	0.93412	-1.07053	0.3227	1.29518	1.29518	0.00102693	0.291723	-3.42791
cg08694306	RFX2;RFX2	0.0390287	0.781208	0.950146	-1.05247	0.0433082	0.652526	-1.53251	0.709651	1.07111	1.07111	0.519349	1.12747	1.12747	0.0649587	0.683421	-1.46323
cg14864365	RFX2;RFX2	0.0445546	0.0260853	0.327492	-3.05351	0.248809	1.66474	1.66474	0.171751	0.540588	-1.84984	0.221351	0.580706	-1.72204	0.00304383	0.179706	-5.56465
cg08023527	RFX2;RFX2	0.0446295	0.705306	0.9141	-1.09397	0.889805	0.967759	-1.03332	0.0497902	1.69723	1.69723	0.574838	0.874605	-1.14337	0.00174249	0.348087	-2.87285
cg14424295	RFX3;RFX3	0.0013174	0.432918	1.09361	1.09361	0.0016591	1.65409	1.65409	0.0306063	1.32852	1.32852	0.0167469	0.721435	-1.38613	0.187703	0.855457	-1.16897
cg13499324	RFX3;RFX3	0.00389888	0.00154842	0.13109	-7.62834	0.0258206	0.30686	-3.25881	0.213643	0.557378	-1.79411	0.471339	0.721042	-1.38688	0.000425703	0.0828642	-12.0679
cg04972545	RFX3;RFX3	0.0387604	0.0375084	0.656627	-1.52293	0.253846	1.2308	1.2308	0.115512	1.34741	1.34741	0.556397	1.10924	1.10924	0.56243	1.10745	1.10745
cg10040329	RFX4	6.07E-07	0.00388797	0.442114	-2.26186	0.00188552	0.39658	-2.52156	0.000192198	3.73748	3.73748	1.67E-05	6.41108	6.41108	7.21E-05	0.219291	-4.56015
cg07006889	RFX4	3.35E-05	0.314876	1.45167	1.45167	0.0611874	2.13094	2.13094	0.00286554	4.35478	4.35478	5.61E-05	14.6592	14.6592	0.232169	0.638035	-1.56731
cg09774007	RFX4	9.77E-05	0.00291324	0.280367	-3.56676	0.0468152	0.49288	-2.02889	0.000846841	4.75651	4.75651	0.00181147	3.96983	3.96983	0.00118159	0.227914	-4.38762
cg21176643	RFX4	0.000144357	0.177694	2.63556	2.63556	0.0239714	6.18486	6.18486	0.00233342	17.7311	17.7311	0.000948911	28.0355	28.0355	0.414071	0.568433	-1.75922
cg00450784	RFX4	0.000201322	0.00666656	0.153636	-6.50889	0.303323	1.76356	1.76356	0.0139214	5.03595	5.03595	0.00849064	5.97556	5.97556	7.30E-05	0.0214963	-46.5196
cg22724500	RFX4	0.000263916	0.908737	0.972116	-1.02868	0.809726	1.0613	1.0613	0.783269	0.93426	-1.07037	0.0342617	0.543815	-1.83886	0.78947	0.936134	-1.06822
cg26732691	RFX4	0.000318439	8.17E-05	0.305244	-3.27607	4.84E-05	0.278824	-3.58649	0.129699	1.31462	1.31462	0.155262	0.775589	-1.28934	0.0989341	0.739114	-1.35297
cg08859190	RFX4	0.00057424	0.653961	1.18731	1.18731	0.0427939	2.42841	2.42841	0.0041925	4.30378	4.30378	0.000226486	10.3075	10.3075	0.361707	0.699943	-1.42869
cg17851046	RFX4	0.000664594	0.00100301	0.146424	-6.82948	0.676394	1.17954	1.17954	0.00986354	3.60704	3.60704	0.02	3.01734	3.01734	0.000360128	0.105284	-9.4981
cg07350590	RFX4	0.000755705	0.000300827	0.155277	-6.44012	0.00185403	0.246643	-4.05444	0.00490951	0.307008	-3.25724	0.0481539	0.488922	-2.04532	0.00024763	0.147031	-6.80126
cg03072984	RFX4	0.000766474	0.209385	2.0752	2.0752	0.0846275	2.86461	2.86461	0.0281656	4.18023	4.18023	0.000810213	16.242	16.242	0.572708	0.730146	-1.36959
cg00379648	RFX4	0.00105886	0.0323775	0.278015	-3.59692	0.377832	1.58781	1.58781	0.0177773	4.36052	4.36052	0.00340349	7.64543	7.64543	0.0389337	0.294807	-3.39205
cg14415816	RFX4	0.00176007	0.00324419	0.210167	-4.75811	0.605204	1.2246	1.2246	0.11158	1.96077	1.96077	0.0292003	2.71399	2.71399	0.00207939	0.185653	-5.38639
cg21961487	RFX4	0.00428513	0.0359485	0.285313	-3.50492	0.718163	1.20477	1.20477	0.0772847	2.7443	2.7443	0.00695361	6.01865	6.01865	0.0224883	0.24538	-4.07532
cg02874031	RFX4	0.00491105	0.00140363	0.0736379	-13.58	0.883938	0.920931	-1.08586	0.213127	0.477424	-2.09457	0.0111287	0.166186	-6.01737	0.00326856	0.104256	-9.59175
cg23919118	RFX4	0.0309316	0.419341	0.740845	-1.34981	0.00287368	0.225219	-4.44013	0.00202984	0.205582	-4.86424	0.636341	0.841016	-1.18904	0.221969	0.627108	-1.59462
cg18075315	RFX4	0.0438665	0.0514395	0.265819	-3.76196	0.170941	2.38959	2.38959	0.914728	1.06609	1.06609	0.35632	0.567291	-1.76276	0.0266212	0.208055	-4.80642
cg18446520	RFX4	0.0489284	0.031408	0.3405	-2.93685	0.173902	0.539325	-1.85417	0.237127	0.589414	-1.6966	0.0436628	0.371628	-2.69087	0.0312916	0.340164	-2.93976
cg01920232	RFX4	0.0499257	0.892468	0.962389	-1.03908	0.00352346	0.325796	-3.0694	0.00847482	0.385741	-2.59242	0.977096	0.991896	-1.00817	0.994562	0.99807	-1.00193
cg14699867	RFX4;RFX4	2.18E-05	0.000872601	1.35991	1.35991	0.0553803	0.874852	-1.14305	0.00163805	0.757548	-1.32005	0.512424	1.04175	1.04175	0.00792687	1.23323	1.23323
cg15819471	RFX4;RFX4	0.000241723	0.000277207	0.223922	-4.46585	0.0178014	0.48454	-2.06381	0.0862154	0.620814	-1.61079	0.0874683	0.622229	-1.60713	1.22E-05	0.0981859	-10.1848
cg22211008	RFX4;RFX4	0.000255672	0.0580129	0.773182	-1.29336	0.0589047	1.29177	1.29177	0.123699	1.21766	1.21766	0.249003	0.868975	-1.15078	2.01E-05	0.266557	-3.75155
cg00132135	RFX4;RFX4	0.0187304	0.011909	0.302616	-3.30452	0.689423	1.16531	1.16531	0.709851	1.15295	1.15295	0.908872	1.04457	1.04457	0.00100356	0.155707	-6.42233
cg00625103	RFX4;RFX4;RFX4	3.03E-05	2.05E-06	0.265183	-3.77097	0.400914	1.10245	1.10245	0.208507	0.860358	-1.16231	0.0622533	0.788128	-1.26883	0.00188965	0.606781	-1.64804
cg09806036	RFX4;RFX4;RFX4	0.00816386	0.96666	0.993865	-1.00617	0.828894	1.03238	1.03238	0.00390008	1.77199	1.77199	0.164801	0.803977	-1.24382	0.00877072	0.61172	-1.63473
cg02469539	RFX4;RFX4;RFX4	0.0104644	0.414629	0.762946	-1.31071	0.0592319	0.50105	-1.99581	0.80784	0.923983	-1.08227	0.0584536	2.00114	2.00114	0.0274085	0.428866	-2.33173
cg19260189	RFX4;RFX4;RFX4	0.0328133	0.0235258	0.268904	-3.7188	0.0433725	0.323654	-3.08972	0.363759	0.635604	-1.57331	0.0748422	0.381602	-2.62053	0.00438533	0.157667	-6.34248
cg00523540	RFX4;RFX4;RFX4	0.0341478	0.0100938	0.257282	-3.88679	0.412764	0.704539	-1.41937	0.247719	0.603252	-1.65768	0.125715	0.500077	-1.99969	0.00592342	0.22192	-4.50614
cg01554457	RFX5;RFX5	0.0086848	0.653019	1.15973	1.15973	0.0243564	0.415338	-2.40768	0.0218557	0.406175	-2.46199	0.16818	1.61756	1.61756	0.0837886	0.5344	-1.87126
cg00123035	RFX5;RFX5	0.0205507	0.0130799	0.866663	-1.15385	0.121699	0.924964	-1.08112	0.0136288	0.867729	-1.15243	0.221135	0.941957	-1.06162	0.0751394	0.911986	-1.09651
cg09330596	RFX5;RFX5	0.0293422	0.0199749	0.469118	-2.13166	0.00834972	2.48058	2.48058	0.117527	1.58124	1.58124	0.152985	1.51061	1.51061	0.0795654	0.591854	-1.6896
cg24872444	RFX5;RFX5	0.0442756	0.644653	1.07716	1.07716	0.00276893	1.93571	1.93571	0.1587	1.27266	1.27266	0.612156	0.921435	-1.08526	0.237054	0.820166	-1.21927
cg06022698	RFX6	2.50E-06	0.495671	1.0692	1.0692	0.0640996	0.817719	-1.22291	1.50E-06	0.307534	-3.25167	1.09E-07	0.191383	-5.22513	0.0402915	0.795224	-1.25751
cg20979799	RFX6	7.34E-06	0.744762	0.95381	-1.04843	0.000340968	2.30537	2.30537	0.169539	1.23595	1.23595	0.0629974	1.35362	1.35362	0.7997	0.963861	-1.03749
cg17991436	RFX6	4.34E-05	0.840214	1.05395	1.05395	0.00013122	5.6279	5.6279	0.0207783	2.06363	2.06363	0.00610157	2.53898	2.53898	0.486297	0.831824	-1.20218
cg26249106	RFX6	0.000502253	0.360854	0.713439	-1.40166	0.141987	0.566933	-1.76388	0.225817	1.57967	1.57967	0.00059583	6.72011	6.72011	0.127647	0.553152	-1.80782
cg12892004	RFX6	0.00196303	0.752177	1.11317	1.11317	0.540223	1.2335	1.2335	0.347906	1.38692	1.38692	0.0446963	2.1815	2.1815	0.614484	0.842073	-1.18755
cg21466150	RFX6	0.00918719	0.36538	0.731137	-1.36773	0.00961756	3.0151	3.0151	0.101976	1.82707	1.82707	0.0907165	1.87298	1.87298	0.586333	0.831096	-1.20323
cg09930033	RFX6	0.0262234	0.0758125	0.328457	-3.04454	0.0154437	5.33458	5.33458	0.90693	1.06811	1.06811	0.444702	0.6447	-1.55111	0.50307	1.46653	1.46653
cg02816003	RFX6	0.0366681	0.279076	0.517988	-1.93055	0.0219931	4.98248	4.98248	0.179816	2.29951	2.29951	0.937054	0.954882	-1.04725	0.0790596	0.319898	-3.126
cg00037441	RFX6;RFX6	4.01E-05	0.774523	1.03775	1.03775	0.0705997	1.29778	1.29778	0.0038146	1.65411	1.65411	0.0016405	1.789	1.789	0.941395	1.00953	1.00953
cg05907649	RFX7	0.00584944	0.204107	0.702472	-1.42354	0.0517448	0.558037	-1.79199	0.00631355	0.391729	-2.55279	0.369067	1.27518	1.27518	0.499809	0.834861	-1.1978
cg14890237	RFX7	0.00731334	0.480048	1.0762	1.0762	0.180506	1.15658	1.15658	0.00606332	1.44284	1.44284	0.00227513	0.64621	-1.54748	0.605772	0.948135	-1.0547
cg13049881	RFX7	0.0179807	0.000331135	0.274925	-3.63736	0.866199	0.963121	-1.03829	0.426036	0.834338	-1.19855	0.0468692	0.602312	-1.66027	0.231369	0.755986	-1.32278
cg08857201	RFX7	0.0302003	0.27584	0.766647	-1.30438	0.0675535	1.61622	1.61622	0.0602668	1.64335	1.64335	0.0292014	0.547516	-1.82643	0.153144	1.43133	1.43133
cg25291250	RFX7	0.0307644	0.110273	0.784545	-1.27462	0.762021	1.04325	1.04325	0.00377043	0.57983	-1.72464	0.0731962	1.32122	1.32122	0.35852	0.876662	-1.14069
cg24725356	RFX7	0.0399882	0.10411	0.710999	-1.40647	0.0334345	0.620614	-1.61131	0.0129138	0.552978	-1.80839	0.886537	1.02778	1.02778	0.836784	0.961177	-1.04039
cg27255239	RFX8	0.00221671	0.000462099	0.101272	-9.87438	0.651532	0.827842	-1.20796	0.00606481	0.225543	-4.43374	0.420949	1.40728	1.40728	0.00616445	0.226574	-4.41357
cg26011364	RFX8	0.00394425	0.00266424	0.171535	-5.82972	0.00651292	4.41217	4.41217	0.0725491	0.440422	-2.27055	0.146421	1.88532	1.88532	0.00753443	0.236664	-4.22541
cg05729200	RFX8	0.00430067	0.00593029	0.230834	-4.33212	0.00955173	3.80781	3.80781	0.128168	0.511723	-1.95418	0.182603	1.77924	1.77924	0.00409026	0.208153	-4.80415
cg02561771	RFX8	0.00492273	0.00220606	0.155287	-6.43967	0.0967301	2.20658	2.20658	0.0379228	0.351791	-2.8426	0.479637	1.36605	1.36605	0.00151283	0.13759	-7.26796
cg12291728	RFX8	0.0131651	0.00835503	0.178771	-5.59373	0.194229	2.01699	2.01699	0.17871	0.481991	-2.07473	0.773579	0.862983	-1.15877	0.0101665	0.190926	-5.23764
cg04415270	RFX8	0.0169217	0.038951	0.2179	-4.58926	0.0177869	6.27784	6.27784	0.151511	0.375439	-2.66355	0.456717	1.62126	1.62126	0.012709	0.138888	-7.20006
cg01388757	RFX8	0.0219669	0.126016	0.292286	-3.42131	0.029266	6.74121	6.74121	0.36645	0.501878	-1.99251	0.105819	3.7158	3.7158	0.0342696	0.159597	-6.26578
ch.2.2134493R	RFX8	0.0269223	0.00484096	0.101	-9.90097	0.0114939	0.143737	-6.95717	0.411639	0.597464	-1.67374	0.0245364	0.193312	-5.17299	0.0502226	0.254205	-3.93384
cg16435561	RFX8	0.0313174	0.369462	0.410537	-2.43583	0.0673734	7.24135	7.24135	0.989773	1.01246	1.01246	0.231678	3.35916	3.35916	0.189623	0.26132	-3.82672
cg12464048	RFX8;RFX8	0.0192699	0.0966292	0.271285	-3.68616	0.0185706	7.7023	7.7023	0.479886	0.598289	-1.67143	0.0672619	4.33523	4.33523	0.0461643	0.195134	-5.12468
cg12023693	RFX8;RFX8	0.0252846	0.107301	0.239879	-4.16877	0.0167076	10.7262	10.7262	0.802265	0.815638	-1.22603	0.0778022	4.91248	4.91248	0.149259	0.284797	-3.51127
cg24922631	RFXANK;LOC729991;LOC729991;LOC729991-MEF2B;LOC729991-MEF2B;LOC729991;RFXANK;LOC729991;L	0.0282456	0.192773	0.799689	-1.25049	0.988279	1.00239	1.00239	0.200316	1.2453	1.2453	0.167345	0.78766	-1.26958	0.151098	1.28338	1.28338
cg06446466	RFXANK;RFXANK	0.000882569	0.0123968	0.371678	-2.6905	0.0119473	0.368868	-2.71099	0.094071	0.556922	-1.79559	0.266772	0.692191	-1.44469	0.000209954	0.139283	-7.17962
cg17726666	RFXANK;RFXANK	0.00533158	0.646485	1.20079	1.20079	0.251206	0.621874	-1.60804	0.352669	0.684578	-1.46075	0.342935	1.47277	1.47277	0.00110015	0.148565	-6.73104
cg00495352	RFXANK;RFXANK;LOC729991-MEF2B;LOC729991;LOC729991-MEF2B;LOC729991;LOC729991-MEF2B	0.00156362	0.0556689	0.586221	-1.70584	0.664621	1.11342	1.11342	0.0450673	0.567583	-1.76186	0.121302	1.51245	1.51245	9.40E-05	0.180004	-5.55544
cg18151074	RFXANK;RFXANK;LOC729991;LOC729991;LOC729991-MEF2B;LOC729991-MEF2B;LOC729991;LOC729991;L	0.000641271	0.166534	1.32553	1.32553	0.239984	0.791053	-1.26414	0.317476	1.2171	1.2171	5.89E-05	0.209481	-4.77371	0.0397075	0.631082	-1.58458
cg16505464	RFXAP	7.30E-05	0.920357	0.994603	-1.00543	0.958207	0.997169	-1.00284	?	?	?	0.000147732	0.644192	-1.55233	0.538095	1.03446	1.03446
cg08164233	RFXAP	0.000565473	0.000469905	0.125254	-7.98377	0.091217	0.495056	-2.01997	0.24642	0.632467	-1.58111	0.263844	0.643897	-1.55304	0.000297419	0.108002	-9.2591
cg09690219	RFXAP	0.000704681	0.00635138	0.637152	-1.56948	0.0670969	0.770757	-1.29743	0.0283344	0.720064	-1.38877	1.64E-05	0.324612	-3.0806	0.00650025	0.63841	-1.56639
cg17620425	RFXAP	0.0424051	0.176931	0.584482	-1.71092	0.121526	0.533604	-1.87405	0.153966	0.564908	-1.7702	0.903639	0.955694	-1.04636	0.00426146	0.23908	-4.18271
cg17890983	RFXAP	0.0483542	0.041072	0.327976	-3.04901	0.0241247	0.280314	-3.56743	0.496161	0.721232	-1.38652	0.910589	0.948259	-1.05456	0.0263891	0.287873	-3.47376
cg05362517	RFXAP;RFXAP	0.00882988	0.00381499	1.76576	1.76576	0.218742	1.20748	1.20748	0.702845	1.05745	1.05745	0.240241	1.19628	1.19628	0.201228	0.821417	-1.21741
cg11279151	RG9MTD1	1.72E-05	2.28E-05	0.0933104	-10.7169	0.000596555	0.227208	-4.40125	0.248993	0.713923	-1.40071	0.00242775	0.307106	-3.25621	0.0457881	0.52711	-1.89714
cg01537928	RG9MTD1	0.00248519	0.830377	1.01884	1.01884	0.210027	0.891443	-1.12178	0.021098	1.27287	1.27287	0.00622877	1.36368	1.36368	0.320785	1.09334	1.09334
cg20574900	RG9MTD1	0.00371424	0.0770963	0.758846	-1.31779	0.00584057	1.65979	1.65979	0.000331257	2.25581	2.25581	0.195525	0.825148	-1.2119	0.349268	0.873475	-1.14485
cg22315683	RG9MTD1	0.0239061	0.0810271	0.756378	-1.32209	0.336407	1.1538	1.1538	0.246685	1.19106	1.19106	0.487752	1.10711	1.10711	0.0593312	0.735465	-1.35968
cg03584693	RG9MTD1	0.0314929	0.396245	1.0857	1.0857	0.484743	0.935007	-1.06951	0.0575728	1.22539	1.22539	0.334371	0.91007	-1.09882	0.0267759	0.78009	-1.2819
cg02268410	RG9MTD1	0.0354328	0.0377607	0.767743	-1.30252	0.27786	1.13177	1.13177	0.0664714	1.25327	1.25327	0.045493	0.777552	-1.28609	0.0167802	0.726035	-1.37734
cg16704346	RG9MTD1	0.0438465	0.350146	0.89466	-1.11774	0.00943757	0.683313	-1.46346	0.0511553	0.773326	-1.29312	0.331303	0.89046	-1.12302	0.939051	1.00889	1.00889
cg12932813	RG9MTD1;RG9MTD1	0.000164683	?	?	?	0.000229749	5.90096	5.90096	3.32E-05	12.1825	12.1825	0.0834515	0.624784	-1.60055	?	?	?
cg10409785	RG9MTD2;MTTP;RG9MTD2;RG9MTD2	0.0258845	0.00484316	0.382814	-2.61224	0.445137	1.21118	1.21118	0.0160374	0.473687	-2.1111	0.0475561	0.566615	-1.76487	0.860848	1.04401	1.04401
cg23526353	RG9MTD2;MTTP;RG9MTD2;RG9MTD2	0.0331003	0.316009	0.505732	-1.97733	0.00828825	9.20506	9.20506	0.0089637	8.89791	8.89791	0.419723	1.71972	1.71972	0.0578361	0.244056	-4.09741
cg21156210	RG9MTD2;RG9MTD2;MTTP;RG9MTD2	7.34E-05	0.00746967	1.62632	1.62632	3.24E-05	0.319503	-3.12986	0.0108094	1.57149	1.57149	0.216641	1.20149	1.20149	2.96E-05	0.314986	-3.17475
cg01754162	RG9MTD2;RG9MTD2;MTTP;RG9MTD2;RG9MTD2	0.00131526	0.930078	0.984293	-1.01596	0.00617401	1.90468	1.90468	0.0209918	1.65023	1.65023	0.000232392	0.332273	-3.00957	0.0116432	1.76619	1.76619
cg08002861	RG9MTD2;RG9MTD2;RG9MTD2	0.02246	0.14042	0.408601	-2.44738	0.243166	0.501965	-1.99217	0.0702884	0.31923	-3.13254	0.168336	0.436719	-2.2898	0.0087482	0.151856	-6.5852
cg27621747	RGAG1	0.00432591	0.00547304	0.359546	-2.78128	0.0335165	0.498847	-2.00462	0.0019644	0.293701	-3.40483	0.027416	2.07627	2.07627	0.346125	0.7621	-1.31216
cg03612333	RGL1	6.75E-05	7.23E-05	0.16633	-6.01213	0.00229147	0.347033	-2.88157	0.000324986	0.236305	-4.23181	0.767572	1.07635	1.07635	0.00059258	0.26799	-3.73148
cg19300655	RGL1	0.000315633	0.0206778	0.670154	-1.49219	0.0240485	0.679369	-1.47195	0.0261076	0.684417	-1.4611	0.403148	0.884356	-1.13077	5.34E-06	0.227363	-4.39825
cg19018435	RGL1	0.000454982	0.143754	1.1941	1.1941	0.00259596	0.624195	-1.60206	0.118313	0.825715	-1.21107	0.00526868	1.5151	1.5151	0.000101264	0.459342	-2.17703
cg12425286	RGL1	0.000493075	0.0349005	0.700439	-1.42768	0.0518812	0.725879	-1.37764	0.0611423	0.736686	-1.35743	0.000547324	2.17637	2.17637	0.000335718	0.432784	-2.31062
cg22340762	RGL1	0.00110716	0.196198	0.73958	-1.35212	0.429588	0.836956	-1.19481	0.000867304	0.331802	-3.01385	0.0418356	1.67832	1.67832	0.000505278	0.301229	-3.31973
cg22400420	RGL1	0.00765821	0.0164023	0.212017	-4.71661	0.000490812	0.0557245	-17.9454	0.00571137	0.147116	-6.79734	0.0789322	0.356416	-2.80571	0.0278042	0.252825	-3.95531
cg13951632	RGL1	0.00929116	0.461268	1.16995	1.16995	0.0233803	0.567294	-1.76275	0.00200483	0.40152	-2.49054	0.0215738	0.561318	-1.78152	0.00692913	0.481314	-2.07764
cg03467001	RGL1	0.0109387	0.879165	0.954051	-1.04816	0.0841522	1.80546	1.80546	0.213705	0.667092	-1.49904	0.677232	1.13818	1.13818	0.000706097	0.202696	-4.9335
cg25021590	RGL1	0.0223686	0.692691	1.03828	1.03828	0.970234	0.996477	-1.00354	0.0262861	1.28308	1.28308	0.0409593	0.800028	-1.24996	0.650936	0.957834	-1.04402
cg26564172	RGL1	0.0240586	0.0922833	0.542493	-1.84334	0.534909	0.81268	-1.2305	0.116445	1.756	1.756	0.800399	0.919782	-1.08721	0.00701497	0.316435	-3.16021
cg11678039	RGL1	0.030282	0.858518	1.07559	1.07559	0.000145	1.32247	1.32247	0.0619395	2.35943	2.35943	0.0797404	0.241125	-3.09366	[illegible]	[illegible]	[illegible]
cg04023434	RGL1	0.0453344	0.607925	1.11776	1.11776	0.0741212	1.53443	1.53443	0.168864	1.39949	1.39949	0.0313914	1.84213	1.84213	0.0202131	1.47525	1.47525
cg03125090	RGL1;ARPC5;RGL1	0.0487384	0.172371	0.860929	-1.16154	0.0093888	0.91335	-1.09487	0.186675	0.865516	-1.15525	0.00969017	1.43312	1.43312	0.0286174	0.460148	-2.17321
cg17128371	RGL2;RGL2	1.35E-05	0.118951	0.718441	-1.3919	0.000701575	0.364349	-2.74462	0.18464	0.795251	-1.31645	0.0013425	0.549386	-1.82022	2.95E-06	0.111023	-9.00717
cg07087850	RGL2;RGL2	4.48E-05	0.241292	0.752726	-1.32855	0.000526964	0.248185	-4.02926	0.00244785	0.3766	-2.65435	0.0189361	1.62458	-2.61102	[illegible]	[illegible]	-14.1148
cg23828242	RGL2;RGL2	9.65E-05	0.00106971	0.395542	-2.52818	0.148117	1.34673	1.34673	0.00389848	0.272799	-3.66653	0.180584	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02247163	RGL2;RGL2	0.000132688	0.605537	1.11249	1.11249	?	?	?	0.323716	0.81176	-1.23189	0.114436	1.42093	1.42093	0.0015279	0.39576	-2.52678

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11436143	0.0255388	0.637503	-1.56862	0.861008	1.03018	1.03018	0.00030121	0.36892	-2.71061	5.16E-05	0.276594	-3.61541	28.1148	12.8172	0.405234	1
cg22067527	0.000523591	0.301615	-3.31549	4.37E-06	0.0956235	-10.4577	0.0030829	0.407362	-2.45482	0.0251877	0.554205	-1.80439	22.6533	17.6351	0.691981	1
cg01538575	0.533072	0.84026	-1.19011	0.00276716	0.320506	-3.12007	0.000337709	0.20335	-4.91763	0.000923739	0.255601	-3.91235	15.1984	18.2936	1.06991	1
cg16039449	0.456369	0.885614	-1.12916	6.20E-06	0.198189	-5.04568	0.615789	0.922172	-1.0844	0.809003	1.03954	1.03954	14.5132	5.89417	0.360999	1
cg13126655	0.0118677	1.93246	1.93246	0.00115764	2.72128	2.72128	0.0373402	1.66004	1.66004	0.0542968	1.58101	1.58101	11.8883	8.28343	0.619354	1
cg13492600	0.000644	0.247407	-4.04192	0.0870076	1.61058	1.61058	0.0909238	0.625355	-1.59909	0.00323468	0.350132	-2.85607	13.2843	12.6988	0.743495	1
cg04512965	0.0169341	0.390088	-2.56352	0.962709	0.985003	-1.01522	0.00112274	0.212222	-4.71205	0.0036897	0.281314	-3.55475	10.7743	17.8229	1.4704	1
cg11923174	0.0030873	0.53434	-1.87147	0.138711	0.781406	-1.27974	0.201689	0.81168	-1.23201	0.204566	0.812874	-1.2302	10.3737	3.935	0.337177	1
cg19907483	0.0151321	0.721136	-1.3867	0.0115352	0.70747	-1.41349	0.135722	0.838516	-1.19258	0.00999789	0.700297	-1.42797	9.01868	1.71383	0.168916	1
cg22608764	0.429702	0.82593	-1.21076	9.73E-05	0.19329	-5.17358	0.0173688	0.502968	-1.9882	0.337721	0.79099	-1.26424	8.84137	7.88129	0.792365	1
cg24882203	0.0398871	1.31146	1.31146	0.00124423	1.71342	1.71342	0.0286566	0.744786	-1.34267	0.255836	0.873368	-1.14499	8.1025	1.67201	0.183429	1
cg00448761	0.627611	0.816522	-1.22471	0.0158357	0.293591	-3.4061	0.051327	0.398498	-2.50942	0.0892062	0.459702	-2.17532	7.2779	19.8193	2.42064	1
cg18109231	0.00133175	0.517128	-1.93376	0.287714	1.16884	1.16884	0.0174783	0.664404	-1.50511	0.0836166	1.31081	1.31081	7.08869	2.24284	0.281241	1
cg02305651	0.220196	1.16188	1.16188	0.000910854	1.78109	1.78109	0.819181	0.973701	-1.02701	0.176232	0.845898	-1.18218	6.31149	1.35417	0.190717	1
cg00818822	0.080936	0.566372	-1.76562	0.112126	1.66227	1.66227	0.0423252	1.98772	1.98772	0.0838809	0.570107	-1.75406	5.92164	8.09362	1.21492	1
cg09975267	0.000343184	0.258744	-3.86482	0.382589	1.2337	1.2337	0.0519899	0.595385	-1.67958	0.119664	0.672984	-1.48592	5.60026	4.87939	0.774471	1
cg25242498	0.0492649	0.32541	-3.07304	0.0707515	0.364187	-2.74584	0.174504	0.485525	-2.05963	0.0736351	0.368754	-2.71183	5.33196	21.1318	3.52288	1
cg00473597	0.519806	1.16262	1.16262	0.00845904	0.460057	-2.17364	0.959284	1.01186	1.01186	0.19879	0.730819	-1.36833	5.27586	4.45629	0.750807	1
cg25741259	0.278822	0.733895	-1.36259	0.00579167	2.69992	2.69992	0.195454	0.686457	-1.45676	0.0468992	1.86832	1.86832	4.85084	5.8001	1.06284	1
cg10227919	0.0723545	0.396985	-2.51898	0.264204	1.70946	1.70946	0.00789412	4.80655	4.80655	0.214467	1.82597	1.82597	4.79113	16.1068	2.98826	1
cg17373343	0.559861	0.757773	-1.31966	0.00233462	0.135436	-7.38359	0.182889	0.514312	-1.94435	0.0880163	0.412421	-2.4247	4.29663	15.0611	3.11585	1
cg08268652	0.889709	1.01678	1.01678	0.416058	1.10484	1.10484	0.402357	0.902307	-1.10827	0.0348887	1.34301	1.34301	4.12512	0.939983	0.202549	1
cg07583296	0.844584	0.96345	-1.03794	0.00176105	2.32886	2.32886	0.110456	1.39095	1.39095	0.797339	1.05003	1.05003	3.91246	2.23014	0.506676	1
cg16009129	0.138577	1.49738	1.49738	0.864309	0.957616	-1.04426	0.564145	1.15907	1.15907	0.21772	0.720127	-1.38864	3.89413	3.95395	0.902543	1
cg08694306	0.130661	1.34959	1.34959	0.0041781	2.02371	2.02371	0.37057	1.18398	1.18398	0.587047	1.10597	1.10597	3.71658	1.98573	0.474924	1
cg14864365	0.212922	0.574292	-1.74128	0.0788697	0.438213	-2.28199	0.116294	0.485979	-2.0577	0.312474	0.642913	-1.55542	3.53867	10.0185	2.51658	1
cg08023527	0.16062	0.701662	-1.42519	0.737837	1.08265	1.08265	0.460187	0.837144	-1.19454	0.469661	0.840385	-1.18993	3.53645	3.13019	0.786776	1
cg14424295	0.0814762	1.24102	1.24102	0.000202125	0.498018	-2.00796	0.757917	1.03518	1.03518	0.142061	0.838196	-1.19304	10.8776	2.15418	0.176034	1
cg13499324	0.400182	0.680854	-1.46874	0.126015	0.477619	-2.09372	0.646881	1.22861	1.22861	0.00148917	0.129387	-7.72875	7.91329	24.9708	2.80493	1
cg04972545	0.243328	1.23709	1.23709	0.00660765	0.5409	-1.84877	0.113164	1.35048	1.35048	0.381655	1.16926	1.16926	3.726	1.79232	0.427583	1
cg10040329	0.8405	0.95858	-1.04321	5.87E-08	48.6297	48.6297	6.27E-06	8.32218	8.32218	6.25E-05	4.70386	4.70386	83.2757	58.1246	0.620424	1
cg07006889	0.0296359	2.50484	2.50484	3.71E-06	48.4764	48.4764	3.29E-05	18.0377	18.0377	5.47E-05	14.805	14.805	29.58	60.2518	1.81059	1
cg09774007	0.0857642	0.554164	-1.80452	4.10E-05	11.3782	11.3782	0.00412097	3.30697	3.30697	0.0263722	2.26734	2.26734	22.2782	34.0954	1.36039	1
cg21176643	0.063003	4.11629	4.11629	1.20E-05	521.322	521.322	7.79E-05	126.157	126.157	0.000295065	53.9787	53.9787	20.0631	145.441	6.4437	1
cg00450784	0.195604	0.482722	-2.07159	0.000134009	33.8296	33.8296	0.0154197	4.86359	4.86359	0.373994	1.62514	1.62514	18.3384	82.2392	3.98626	1
cg22724500	2.40E-06	0.0592392	-16.8807	0.846134	0.953216	-1.04908	0.779741	0.933195	-1.07159	0.0121447	0.462585	-2.16177	17.0365	16.4109	0.856252	1
cg26732691	0.000296892	0.373723	-2.67578	0.527121	1.11302	1.11302	0.326853	0.844389	-1.18429	0.400663	0.866102	-1.1546	16.1836	7.1569	0.393096	1
cg08859190	0.0939984	2.01506	2.01506	8.54E-05	14.6674	14.6674	0.00293169	4.73455	4.73455	0.00082688	6.7947	6.7947	13.751	31.5327	2.03833	1
cg17851046	0.23935	0.615874	-1.62371	0.00174675	5.78551	5.78551	0.079382	2.15127	2.15127	0.87706	1.06279	1.06279	13.2014	32.3558	2.17861	1
cg07350590	0.00534689	0.312717	-3.19778	0.000282155	0.15253	-6.55609	0.473027	0.793551	-1.26016	0.0193973	0.408361	-2.44882	12.7344	20.2463	1.41323	1
cg03072984	0.0553275	3.31547	3.31547	9.28E-05	46.9152	46.9152	0.00043771	21.4524	21.4524	0.000980022	14.9524	14.9524	12.6839	61.1645	4.28642	1
cg00379648	0.5105	0.711012	-1.40645	0.000107749	32.7467	32.7467	0.00605192	6.24565	6.24565	0.154459	2.1789	2.1789	11.5771	47.8715	3.67558	1
cg14415816	0.215314	0.602452	-1.65988	0.000943636	6.79452	6.79452	0.0409273	2.50109	2.50109	0.604891	1.22482	1.22482	10.0066	23.9253	2.12528	1
cg21961487	0.324847	0.592992	-1.68636	0.000884612	12.9473	12.9473	0.0420025	3.33488	3.33488	0.302545	1.73143	1.73143	7.69089	32.1799	3.71925	1
cg02874031	0.197858	0.464171	-2.15438	0.000750062	0.0559385	-17.8768	0.0823823	0.337891	-2.95953	0.0153199	0.186636	-5.35801	7.3789	37.162	4.47667	1
cg23919118	0.159364	0.578858	-1.72754	0.219095	0.625097	-1.59975	0.151954	0.572373	-1.74711	0.522221	0.78995	-1.2659	4.04261	8.46146	1.86051	1
cg18075315	0.377696	0.582265	-1.71743	0.00450873	0.104157	-9.60088	0.214543	0.458068	-2.18308	0.0897584	0.327078	-3.05738	3.5593	20.1255	5.02608	1
cg18446520	0.207538	0.567088	-1.76339	0.003424	0.18318	-5.45912	0.084694	0.443153	-2.25656	0.102965	0.467021	-2.14123	3.41611	9.85585	2.56454	1
cg01920232	0.597833	0.859942	-1.16287	0.049276	0.52936	-1.88907	0.352953	0.762682	-1.31116	0.519431	0.831014	-1.20335	3.39005	4.31359	1.13105	1
cg14699867	0.35848	0.943522	-1.05986	6.15E-07	2.32253	2.32253	0.000780506	1.36734	1.36734	0.225637	1.08149	1.08149	33.1243	1.98861	0.0533642	1
cg15819471	0.0144675	0.468691	-2.1336	0.00012878	0.18754	-5.3322	0.794999	1.06767	1.06767	0.0226482	0.503442	-1.98633	17.4493	17.4781	0.890355	1
cg22211008	0.0394371	1.33455	1.33455	0.000422986	2.16061	2.16061	0.0477293	1.31391	1.31391	0.00688202	0.641847	-1.558	30.1788	5.9888	0.132296	1
cg00132135	0.267633	0.644182	-1.55236	0.388858	0.7144	-1.39978	0.58373	1.23459	1.23459	0.0237656	0.357814	-2.79475	4.81023	11.0492	2.04179	1
cg00625103	2.82E-05	0.392771	-2.54601	0.00117875	1.71575	1.71575	0.227267	1.15464	1.15464	0.0331436	0.753871	-1.32649	30.3822	6.19204	0.18116	1
cg09806036	0.694288	0.9435	-1.05988	0.00173901	0.518167	-1.92988	0.461838	1.1166	1.1166	0.845896	1.02906	1.02906	6.30377	2.16419	0.305171	1
cg02469539	0.130237	0.588434	-1.69943	0.100358	1.79331	1.79331	0.00167396	4.29769	4.29769	0.23432	0.667302	-1.49857	5.82529	9.71281	1.48209	1
cg19260189	0.0354595	0.304563	-3.2834	0.351553	0.62782	-1.59281	0.0265323	0.278937	-3.58504	0.0202572	0.256877	-3.89292	3.95811	14.7784	3.31885	1
cg00523540	0.0174131	0.297956	-3.3562	0.0251657	0.328369	-3.04536	0.424594	0.71103	-1.40641	0.0354424	0.359092	-2.7848	3.90173	10.8086	2.4624	1
cg01554457	0.0130723	0.364917	-2.74035	0.187424	0.632858	-1.58013	0.659321	0.864781	-1.15636	0.00058509	0.175455	-5.69947	6.18182	10.4986	1.50961	1
cg00123035	0.868886	1.00771	1.00771	0.0249973	0.883389	-1.132	0.00262433	0.823944	-1.21368	0.605373	1.02453	1.02453	4.66129	0.159566	0.0304287	1
cg09330596	0.520824	0.839102	-1.19175	0.158344	0.665996	-1.50151	0.761973	0.921381	-1.08533	0.546871	0.848462	-1.1786	4.11909	4.73952	1.02278	1
cg24872444	0.133131	1.29602	1.29602	0.521014	1.10972	1.10972	0.528712	1.10754	1.10754	0.0795261	0.732372	-1.36543	3.54699	1.43878	0.360565	1
cg06022698	0.000225969	0.552582	-1.80969	0.491355	0.934634	-1.06994	0.00321154	1.47546	1.47546	0.1939	1.14218	1.14218	58.0163	8.59479	0.131684	1
cg20979799	0.000112145	2.67197	2.67197	0.0109083	0.629639	-1.58821	1.14E-07	11.7077	11.7077	0.106465	1.2907	1.2907	43.9568	14.5902	0.295042	1
cg17991436	0.004087	2.72641	2.72641	0.729197	0.913509	-1.09468	7.08E-07	33.0453	33.0453	0.341475	1.29064	1.29064	27.6326	29.6517	0.953839	1
cg26249106	0.7075	1.1451	1.1451	0.0583877	0.463567	-2.15718	2.23E-05	21.2853	21.2853	0.19575	1.63529	1.63529	14.2727	29.2089	1.8191	1
cg12892004	0.0634025	2.0269	2.0269	0.134164	0.578865	-1.72752	2.86E-05	16.1603	16.1603	0.673878	0.866536	-1.15402	9.69444	17.5871	1.61257	1
cg21466150	0.0540823	2.08792	2.08792	0.410735	1.32742	1.32742	0.000376459	6.78	6.78	0.0579139	2.05824	2.05824	6.07255	10.904	1.59611	1
cg09930033	0.432943	1.56966	1.56966	0.968303	1.02264	1.02264	0.00165252	12.6449	12.6449	0.893287	0.927171	-1.07855	4.28524	21.5434	4.46876	1
cg02816003	0.0366603	4.13353	4.13353	0.576173	0.718852	-1.39111	0.0197478	5.18437	5.18437	0.274108	0.514174	-1.94487	3.80233	20.5752	4.80997	1
cg00037441	0.00186794	1.76691	1.76691	0.0231486	0.704499	-1.41945	5.99E-07	5.88129	5.88129	0.12368	1.23999	1.23999	28.2234	7.4388	0.234283	1
cg05907649	0.184748	1.44869	1.44869	0.000203523	0.193776	-5.1606	0.868832	0.957384	-1.04451	0.390074	0.79289	-1.26121	6.99377	7.69077	0.977475	1
cg14890237	0.0114493	0.723487	-1.3822	0.136024	0.848462	-1.1786	0.164286	0.859158	-1.16393	0.0743229	0.815941	-1.22558	6.52528	1.08144	0.147316	1
cg13049881	0.728155	0.925192	-1.08086	0.297905	0.786278	-1.27181	0.456202	1.18424	1.18424	0.597342	1.12613	1.12613	4.87689	3.83509	0.699004	1
cg08857201	0.995067	1.00145	1.00145	0.0118532	0.47881	-2.08851	0.26065	0.759557	-1.31656	0.340782	1.25876	1.25876	4.07718	3.54834	0.773594	1
cg25291250	0.394249	0.885452	-1.12937	0.0692712	1.32757	1.32757	0.522879	1.09448	1.09448	0.15827	1.23403	1.23403	4.05042	1.24689	0.273637	1
cg24725356	0.460408	0.86566	-1.15519	0.0050173	0.490374	-2.03926	0.418448	1.17199	1.17199	0.0996515	0.707235	-1.41396	3.68354	2.1496	0.518729	1
cg27255239	0.765759	0.883239	-1.1322	0.0807753	0.447215	-2.23606	0.00304227	5.4043	5.4043	0.209402	0.577071	-1.73289	9.35654	25.5904	2.43113	1
cg26011364	0.217492	1.69228	1.69228	0.17689	1.79135	1.79135	0.0110077	3.78494	3.78494	0.182256	1.7768	1.7768	9.21332	23.122	1.95193	1
cg05729200	0.25307	1.62626	1.62626	0.159502	1.84484	1.84484	0.00841782	3.93883	3.93883	0.492732	1.32817	1.32817	7.68247	20.1918	2.33626	1
cg02561771	0.612064	1.24856	1.24856	0.0911955	2.24238	2.24238	0.0600999	2.51071	2.51071	0.909	0.95158	-1.05088	7.37356	22.0035	2.65254	1
cg12291728	0.0773751	2.72641	2.72641	0.286996	1.75909	1.75909	0.0128699	4.8442	4.8442	0.426746	1.51371	1.51371	5.40779	22.3515	3.67395	1
cg04415270	0.294609	1.99961	1.99961	0.158821	2.61199	2.61199	0.0239025	5.57385	5.57385	0.310232	1.953	1.953	4.97716	32.0353	5.7213	1
cg01388757	0.228724	2.55635	2.55635	0.0629717	4.73124	4.73124	0.01472	9.3065	9.3065	0.0947796	3.91285	3.91285	4.55629	39.8376	7.77193	1
ch.2.2134493R	0.111097	0.344743	-2.90071	0.016494	0.165722	-6.03422	0.0228354	0.188031	-5.31827	0.162874	0.40094	-2.49414	4.24595	25.3139	5.29946	1
cg16435561	0.0153693	17.6943	17.6943	0.691222	1.47053	1.47053	0.0157371	17.4381	17.4381	0.0101179	22.9632	22.9632	4.02478	59.4708	13.1344	1
cg12464048	0.0818424	3.97162	3.97162	0.0852942	3.89879	3.89879	0.0221597	7.11132	7.11132	0.0679362	4.31601	4.31601	4.76428	38.6014	7.20201	1
cg12023693	0.0797825	4.85018	4.85018	0.0657177	5.35097	5.35097	0.0161605	10.9125	10.9125	0.0629836	5.46713	5.46713	4.3401	45.3403	9.28607	1
cg24922631	0.177175	1.26188	1.26188	0.0231639	0.643878	-1.55309	0.0202862	0.635209	-1.57429	0.0314127	1.50579	1.50579	4.17491	1.73884	0.370221	1
cg06446466	0.664309	0.87037	-1.14894	4.17E-05	0.0836123	-11.96	0.994164	0.997677	-1.00233	0.0187908	0.404465	-2.4724	12.1899	19.5189	1.42332	1
cg17726666	0.380413	1.42833	1.42833	0.000453259	0.111931	-8.93409	0.321137	0.666208	-1.50103	0.035489	0.379082	-2.63795	7.19587	17.8929	2.21026	1
cg00495352	0.00107645	0.304418	-3.28496	0.0224211	0.509825	-1.96146	0.0486145	0.574197	-1.74156	0.0172943	0.48962	-2.0424	10.3549	9.94835	0.853989	1
cg18151074	0.0870772	1.43762	1.43762	0.000170524	0.266425	-3.7534	0.0135254	0.549719	-1.81911	0.698593	0.928986	-1.07644	16.4628	9.13377	0.43152	1
cg16505464	0.00103104	0.735306	-1.35998	0.0172011	0.844245	-1.18449	2.15E-05	1.85271	1.85271	0.000138797	1.56	1.56	47.4035	1.86042	0.0294348	1
cg08164233	0.0165456	0.330711	-3.02379	5.43E-05	0.058242	-17.1697	0.00140496	0.1741	-5.74381	0.0066151	0.263835	-3.79024	13.8101	31.2442	2.01104	1
cg09690219	0.231476	1.17262	1.17262	0.0078258	0.648508	-1.542	0.0361974	0.734152	-1.36212	0.0137592	0.679493	-1.47168	12.9867	3.31094	0.226622	1
cg17620425	0.0377837	0.405998	-2.46307	0.0199591	0.349618	-2.86026	0.547419	1.25584	1.25584	0.0582274	0.448928	-2.22753	3.60446	7.99233	1.97097	1
cg17890983	0.268615	0.579887	-1.72447	0.00646388	0.187381	-5.33672	0.0508025	0.349109	-2.86443	0.0786823	0.39709	-2.51832	3.43142	12.1556	3.14883	1
cg05362517	0.00713097	0.602596	-1.65949	0.00771035	0.607175	-1.64697	0.161133	1.24375	1.24375	0.526341	1.09809	1.09809	6.14948	2.06892	0.299057	1
cg11279151	1.26E-05	0.0765558	-13.0624	8.38E-06	0.0662018	-15.1053	0.0167055	0.441738	-2.26378	3.37E-06	0.0466831	-21.4211	35.242	43.6541	1.10106	1
cg01537928	0.0314158	1.24553	1.24553	0.000398895	0.612519	-1.6326	0.0225418	0.78848	-1.26826	0.899043	0.989019	-1.0111	9.04785	1.08437	0.106532	1
cg20574900	0.926595	0.987146	-1.01302	0.49677	1.10171	1.10171	0.374209	1.13662	1.13662	0.00696154	1.63255	1.63255	8.02954	2.50651	0.277477	1
cg22315683	0.197629	0.821556	-1.2172	0.0100159	0.625474	-1.59879	0.00394937	0.571448	-1.74994	0.88991	1.02019	1.02019	4.4254	1.46008	0.293273	1
cg03584693	0.181312	0.874314	-1.14375	0.00304783	0.681025	-1.46837	0.505005	1.06612	1.06612	0.529475	0.941488	-1.06215	4.01675	0.569899	0.126116	1
cg02268410	0.179902	0.855361	-1.1691	0.849147	1.02111	1.02111	0.775211	0.969082	-1.0319	0.10974	1.21077	1.21077	3.84996	0.733681	0.169394	1
cg16704346	0.0327686	0.748939	-1.33522	0.352598	0.895195	-1.11707	0.00400573	0.639158	-1.56456	0.504061	0.924526	-1.08163	3.55991	0.755321	0.188599	1
cg12932813	?	?	?	?	?	?	0.813352	1.05755	1.05755	0.0971917	0.640573	-1.5611	39.3303	18.4237	0.562122	1
cg10409785	0.246362	1.34929	1.34929	0.935388	0.980297	-1.0201	0.0550024	1.72403	1.72403	0.773578	0.931625	-1.07339	4.76037	4.44565	0.726356	1
cg23526353	0.695781	1.29489	1.29489	0.160084	2.68323	2.68323	0.2321	2.27992	2.27992	0.249226	2.20775	2.20775	3.94575	27.0254	6.08822	1
cg21156210	0.000524308	0.466183	-2.14508	0.00445774	0.585322	-1.70846	0.400924	0.885683	-1.12907	0.605796	1.07627	1.07627	24.0433	7.59139	0.280657	1
cg01754162	0.110507	1.36852	1.36852	0.0700739	0.693964	-1.441	0.0331163	0.638018	-1.56735	0.204648	0.78549	-1.27309	10.8826	5.60884	0.458127	1
cg08002861	0.00816585	0.148012	-6.75622	0.00300514	0.100642	-9.93623	0.727951	1.21784	1.21784	0.0545821	0.292111	-3.42336	4.52169	22.8079	4.48366	1
cg27621747	0.534229	0.838394	-1.19276	0.0012348	0.266441	-3.75318	0.744295	1.09598	1.09598	0.926719	0.97457	-1.02609	7.66888	9.5231	1.10381	1
cg03612333	0.0726329	1.64413	1.64413	9.73E-06	0.0941838	-10.6175	0.0805183	0.618025	-1.61806	0.000279523	0.228687	-4.3728	24.5828	23.9945	0.867617	1
cg19300655	0.598529	0.926518	-1.07931	0.0702357	1.33738	1.33738	0.444784	0.894133	-1.1184	0.00217871	0.539206	-1.85458	16.2229	5.30176	0.290496	1
cg19018435	0.0346982	1.32056	1.32056	0.00165115	1.66306	1.66306	0.288587	1.13249	1.13249	0.579635	0.938767	-1.06523	14.669	2.96309	0.179553	1
cg12425286	0.00750003	1.64614	1.64614	0.00877576	1.62157	1.62157	0.0154497	1.53776	1.53776	0.907547	0.983316	-1.01697	14.3459	4.76551	0.295277	1
cg22340762	0.0345497	0.580389	-1.72298	0.484027	0.854713	-1.16998	0.00150517	2.74419	2.74419	0.0993205	0.671132	-1.49002	11.4311	8.82114	0.685934	1
cg22400420	0.0887735	0.370563	-2.69859	0.0119848	0.190603	-5.24652	0.0352516	0.273414	-3.65746	0.0258349	0.24675	-4.05269	6.43178	28.4856	3.93678	1
cg13951632	0.109018	0.693688	-1.44157	0.0734027	1.51853	1.51853	0.588127	0.891884	-1.12122	0.0619125	0.644081	-1.5526	6.05086	4.19653	0.616482	1
cg03467001	0.857457	0.945927	-1.05716	0.10042	0.573236	-1.74448	0.0875122	1.79181	1.79181	0.0224461	0.429334	-2.32919	5.74285	8.69533	1.34588	1
cg25021590	?	?	?	0.00391493	0.692625	-1.44378	0.0778973	0.830857	-1.20358	0.144906	0.862364	-1.1596	4.60868	0.580394	0.125935	1
cg26564172	0.851879	0.940169	-1.06364	0.113735	0.566667	-1.76471	0.0114101	2.84364	2.84364	0.111436	0.564247	-1.77227	4.41567	7.61867	1.53366	1
cg11678039	0.171367	0.551719	-1.81252	0.0323155	2.78308	2.78308	0.287588	2.86754	2.86754	0.457906	0.70612	-1.07612	4.07127	10.7587	2.34781	1
cg04023434	0.0415768	2.66963	-1.54412	0.0115388	2.21487	2.21487	0.0157753	4.45392	4.45392	0.000131	1.47192	1.47192	3.51576	2.57713	0.651575	1
cg03125090	0.436444	0.921956	-1.08465	0.00178227	0.519627	-1.92446	0.0288776	0.766715	-1.30427	[illegible]	0.60397	-1.65665	6.99037	3.00771	0.430288	1
cg17128371	6.06E-06	0.137937	-7.2497	2.83E-06	0.11729	-8.95024	0.677863	1.08504	1.08504	0.00025537	0.446154	-2.24138	37.5235	22.69	0.537502	1
cg07087850	0.00092723	0.318412	-3.14055	0.0128499	0.5074	-1.90958	0.21072	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.5535	23.2897	1.02085	1
cg23828242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02247163	0.00928875	0.508993	-1.96467	3.42E-06	0.106643	-9.3771	0.369752	1.20741	1.20741	0.39448	1.19537	1.19537	15.3729	12.4035	0.58941	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11160784	RGL2;RGL2	0.000220667	8.88E-05	0.21518	-4.64727	0.26509	0.775512	-1.28947	0.0734992	0.646108	-1.54773	0.00367155	0.423259	-2.36262	9.42E-06	0.123406	-8.10335	0.00792025	0.474529	-2.10735	0.0427794	0.600232	-1.66602	0.131045	1.42887	1.42887	0.0465358	0.607139	-1.64707	17.8873	13.5738	0.674536	1
cg24191816	RGL2;RGL2	0.000831915	0.00630393	0.410101	-2.43843	0.377672	1.25456	1.25456	0.513139	0.846908	-1.18077	0.0148354	0.471921	-2.119	0.00493161	0.393361	-2.54219	0.00018506	0.205524	-4.8656	0.000101025	0.17791	-5.62081	0.564901	1.15694	1.15694	0.144867	0.675502	-1.48038	12.3948	12.3224	0.883699	1
cg03932459	RGL2;RGL2	0.00178708	0.119695	0.685241	-1.45934	0.00449978	0.428356	-2.33451	0.0473002	0.601636	-1.66213	0.0109812	0.489463	-2.04306	?	?	?	0.00084486	0.325113	-3.07585	0.00018026	0.241897	-4.13399	0.759758	0.933636	-1.07108	0.0115566	0.493107	-2.02796	10.1919	7.19167	0.705624	1
cg02609733	RGL2;RGL2	0.00232682	0.372628	0.823871	-1.21378	0.000200233	0.266764	-3.74863	0.505304	1.15382	1.15382	0.98151	1.00492	1.00492	0.365295	0.821277	-1.21762	0.000292441	0.286633	-3.48879	0.501556	1.15532	1.15532	0.377062	1.2115	1.2115	0.116095	0.696643	-1.43546	9.22458	6.54561	0.630742	1
cg25953133	RGL2;RGL2	0.00257508	0.0112217	0.624066	-1.6024	0.0973288	0.763373	-1.30998	0.014582	0.6399	-1.56274	0.246536	1.19702	1.19702	0.000145136	0.378768	-2.64014	0.100696	0.765807	-1.30581	0.155522	0.798088	-1.25299	0.226598	1.20733	1.20733	0.00412032	0.564958	-1.77004	8.95367	3.1231	0.31005	1
cg26757097	RGL2;RGL2	0.00267093	0.00563157	0.223311	-4.47806	0.00641956	0.231594	-4.31791	0.0655379	0.426244	-2.34608	0.0273022	0.340442	-2.93736	0.000478561	0.104206	-9.59637	0.00479995	0.213511	-4.6836	0.000461622	0.102916	-9.71665	0.189151	0.563321	-1.77519	0.0575366	0.412239	-2.42578	8.85766	23.8789	2.39631	1
cg22262260	RGL2;RGL2	0.00279608	0.193219	0.617531	-1.61935	0.0130047	0.339968	-2.94145	0.135991	0.569815	-1.75496	0.0288683	0.405714	-2.46479	0.000460476	0.145121	-6.8908	0.00260259	0.23216	-4.30738	0.000494259	0.148162	-6.74938	0.657195	1.16925	1.16925	0.102272	0.534722	-1.87013	8.73859	16.9624	1.72541	1
cg22745440	RGL2;RGL2	0.00428286	0.317423	0.777949	-1.28543	0.0571877	0.592875	-1.6867	0.0242674	0.520747	-1.92032	0.937274	1.01931	1.01931	0.00300951	0.372205	-2.68669	0.000421975	0.257314	-3.8863	0.00165828	0.33503	-2.98481	0.71622	1.09275	1.09275	0.33049	0.783509	-1.27631	7.69212	7.19157	0.831046	1
cg03789294	RGL2;RGL2	0.00592298	0.00204799	0.322051	-3.1051	0.909235	1.03019	1.03019	0.0266188	0.503993	-1.98416	0.351205	0.778643	-1.28429	0.00415192	0.367152	-2.72367	0.010888	0.434473	-2.30164	0.273844	0.74309	-1.34573	0.00164996	0.308922	-3.23706	0.00828167	0.414634	-2.41176	6.96688	7.50335	0.957336	1
cg01444206	RGL2;RGL2	0.00675904	0.366111	1.12382	1.12382	0.0108025	1.4956	1.4956	0.361842	1.12506	1.12506	0.358906	1.12592	1.12592	0.0790679	0.782605	-1.27778	0.378407	1.12032	1.12032	0.000838057	0.531665	-1.88088	0.0258901	0.717117	-1.39447	0.173336	0.833487	-1.19978	6.68768	1.67403	0.222502	1
cg08383144	RGL2;RGL2	0.00720691	0.693807	0.94603	-1.05705	0.108398	1.27834	1.27834	0.277252	0.853472	-1.17168	0.405072	1.12687	1.12687	0.00132744	0.51967	-1.9243	0.0050378	0.594444	-1.68224	0.20464	1.20644	1.20644	0.648147	0.937609	-1.06654	0.00634447	0.607598	-1.64582	6.55525	2.04117	0.276781	1
cg20679513	RGL2;RGL2	0.00736517	0.0176956	0.570611	-1.75251	0.0411065	1.58142	1.58142	0.0419234	1.57766	1.57766	0.769028	0.944343	-1.05894	0.00187168	0.42407	-2.3581	0.293772	0.809135	-1.23589	0.0148057	0.558137	-1.79168	0.220054	1.28502	1.28502	0.606775	1.10624	1.10624	6.51088	3.90007	0.532451	1
cg16015474	RGL2;RGL2	0.00843118	0.0708854	0.443817	-2.25318	0.0351234	0.372304	-2.68597	0.837702	1.08607	1.08607	0.378898	1.4382	1.4382	0.000960966	0.138148	-7.23862	0.0579282	0.421932	-2.37005	0.00151022	0.158828	-6.29613	0.610311	0.813103	-1.22986	0.0999953	0.484067	-2.06583	6.24002	16.0142	2.28121	1
cg13375457	RGL2;RGL2	0.00947677	0.0146355	0.362293	-2.76019	0.195787	1.58738	1.58738	0.809568	1.08496	1.08496	0.616227	0.843088	-1.18612	0.000803127	0.1811	-5.5218	0.0227151	0.398077	-2.51208	0.0187372	0.382067	-2.61734	0.380471	1.35508	1.35508	0.17454	0.613973	-1.62874	6.01288	10.8643	1.60608	1
cg22833143	RGL2;RGL2	0.00982663	0.427077	0.70478	-1.41888	0.0332923	0.341844	-2.92531	0.347558	0.658824	-1.51786	0.00402481	0.188793	-5.29679	0.00045131	0.0919869	-10.8711	0.257661	0.600702	-1.66472	0.70793	0.850121	-1.1763	0.300609	0.629529	-1.58849	0.0104207	0.248684	-4.02117	5.94375	17.5239	2.6207	1
cg26819753	RGL2;RGL2	0.0113042	0.014097	0.609033	-1.64195	0.502904	1.1177	1.1177	0.3185	0.844734	-1.1838	0.884994	1.02397	1.02397	0.182659	0.793385	-1.26042	0.0539879	0.699081	-1.43045	0.00203433	2.03784	2.03784	0.0258874	0.64864	-1.54169	0.159917	0.78212	-1.27858	5.68229	2.41043	0.377067	1
cg18289682	RGL2;RGL2	0.0124548	0.211943	0.80093	-1.24855	0.898545	1.02177	1.02177	0.296333	0.832929	-1.20058	0.100821	1.35446	1.35446	0.00024701	0.359917	-2.77842	0.434921	0.874159	-1.14396	0.867523	1.02859	1.02859	0.88169	0.975172	-1.02546	0.11419	0.748198	-1.33654	5.50653	2.48559	0.401236	1
cg15082394	RGL2;RGL2	0.0128669	0.0142513	0.313845	-3.18629	0.182815	1.71929	1.71929	0.344784	1.45213	1.45213	0.26519	0.640739	-1.5607	0.0464831	0.417211	-2.39687	0.00253651	0.200659	-4.98357	0.0051027	0.242036	-4.13161	0.727032	0.874289	-1.14379	0.198395	0.593892	-1.68381	5.44842	12.6808	2.06882	1
cg03653137	RGL2;RGL2	0.0128887	0.0374729	2.50171	2.50171	0.173857	0.577223	-1.73243	0.721033	1.1459	1.1459	0.573739	0.805818	-1.24097	0.0401616	0.406321	-2.46111	0.200389	0.598263	-1.67151	0.000529581	0.128754	-7.76674	0.826483	0.919994	-1.08696	0.184559	0.585938	-1.70667	5.44541	12.4418	2.03096	1
cg24518247	RGL2;RGL2	0.0153341	0.235508	0.649552	-1.53952	0.924299	0.967554	-1.03353	0.403011	1.34582	1.34582	0.281341	0.678016	-1.47489	0.00142225	0.201496	-4.96289	0.00550616	0.281845	-3.54805	0.00810869	0.308363	-3.24293	0.870337	0.944882	-1.05833	0.325463	0.703021	-1.42243	5.14306	9.81083	1.69563	1
cg17598713	RGL2;RGL2	0.0153745	0.666382	1.36105	1.36105	0.765819	0.808733	-1.2365	0.0977409	0.274946	-3.63708	0.836123	1.1586	1.1586	?	?	?	0.000289781	0.0149765	-66.7713	0.86322	0.884663	-1.13037	0.255164	0.429849	-2.3264	0.92121	0.932102	-1.07284	5.2358	37.231	7.11086	1
cg03469057	RGL2;RGL2	0.015992	0.960231	0.99314	-1.00691	0.0651364	0.751367	-1.33091	0.0139805	0.657689	-1.52047	0.992751	0.998747	-1.00125	0.307524	0.864312	-1.15699	0.142509	1.24312	1.24312	0.00174826	1.85134	1.85134	0.538506	1.08978	1.08978	0.287383	0.858563	-1.16474	5.07183	1.53083	0.268294	1
cg11733430	RGL2;RGL2	0.0164425	0.0404749	0.358622	-2.78845	0.0566841	0.392649	-2.5468	0.265377	0.60471	-1.65368	0.0317636	0.335929	-2.97682	0.00195492	0.149905	-6.67088	0.697702	1.18431	1.18431	0.0208312	0.299549	-3.33835	0.833801	0.912964	-1.09533	0.00622305	0.213193	-4.69058	5.02513	14.9471	2.64398	1
cg03939485	RGL2;RGL2	0.0195163	0.0128313	0.704693	-1.41906	0.834692	1.02395	1.02395	0.0100756	1.44448	1.44448	0.701157	0.957271	-1.04464	0.0417209	0.766554	-1.30454	0.253814	1.14449	1.14449	0.732133	1.03968	1.03968	0.0124674	0.703214	-1.42204	0.74644	0.963926	-1.03742	4.74382	0.963592	0.180556	1
cg17640807	RGL2;RGL2	0.0197483	0.0358086	0.190557	-5.24778	0.00327423	0.0658433	-15.1876	0.091415	0.283176	-3.53138	0.0922295	0.284249	-3.51804	0.0193898	0.146789	-6.8125	0.0606838	0.238027	-4.20121	0.00604187	0.0876739	-11.4059	0.196355	0.39564	-2.52755	0.0125273	0.121468	-8.23265	4.72484	34.4735	6.48554	1
cg21241411	RGL2;RGL2	0.0206855	0.0906924	1.79827	1.79827	0.0279722	2.26484	2.26484	0.0284608	2.25713	2.25713	0.0610631	1.94372	1.94372	0.829857	1.0701	1.0701	0.0610268	1.94395	1.94395	0.00219497	3.86542	3.86542	0.00557163	3.14669	3.14669	0.23156	1.48449	1.48449	4.65091	7.30173	1.39552	1
cg14466680	RGL2;RGL2	0.0226113	0.00383378	0.343532	-2.91094	?	?	?	0.87201	0.956764	-1.04519	0.0813956	1.69814	1.69814	0.657127	1.13028	1.13028	0.327806	0.75813	-1.31903	0.00691954	0.383595	-2.60691	0.151097	0.655895	-1.52463	0.510981	0.832963	-1.20053	4.59146	4.85747	1.05794	1
cg05141234	RGL2;RGL2	0.0228949	0.00592719	0.321142	-3.11389	0.70887	1.12566	1.12566	0.259671	0.689985	-1.44931	0.899535	1.04067	1.04067	0.00439105	0.30107	-3.32149	0.210223	0.659219	-1.51695	0.132948	0.599525	-1.66799	0.00718699	0.334506	-2.98948	0.0779917	0.538992	-1.85531	4.49194	7.08566	1.40215	1
cg07220356	RGL2;RGL2	0.0230685	0.488236	0.839759	-1.19082	0.00484992	0.395963	-2.52549	0.0952847	0.634731	-1.57547	0.189293	1.41181	1.41181	0.1222	0.660044	-1.51505	0.663462	0.897101	-1.1147	0.01511	2.09688	2.09688	0.641154	1.12346	1.12346	0.0756884	0.612412	-1.63289	4.48026	4.36457	0.865935	1
cg21134678	RGL2;RGL2	0.0238051	0.126448	0.835102	-1.19746	0.0309923	1.31789	1.31789	0.941198	0.991991	-1.00807	0.0116727	1.40989	1.40989	0.785949	1.03012	1.03012	0.170074	0.852763	-1.17266	0.110748	0.827449	-1.20853	0.0102357	1.42307	1.42307	0.76033	1.03391	1.03391	4.43189	0.83389	0.16725	1
cg01471293	RGL2;RGL2	0.024279	0.02754	0.66511	-1.50351	0.00537071	0.563489	-1.77466	0.0220208	0.650661	-1.5369	0.58655	1.08972	1.08972	0.0149061	0.625935	-1.59761	0.404402	0.875034	-1.14281	0.0954642	0.750818	-1.33188	0.0128227	0.616539	-1.62196	0.142667	0.781493	-1.2796	4.40174	1.7068	0.344672	1
cg12118504	RGL2;RGL2	0.027088	0.00975948	0.33952	-2.94534	0.354779	0.730037	-1.36979	0.0510619	0.479764	-2.08436	0.0911664	0.540644	-1.84965	0.0520707	0.481694	-2.07601	0.062634	0.50032	-1.99872	0.320808	0.71244	-1.40363	0.00300396	0.260547	-3.83808	0.0136945	0.365068	-2.73921	4.23682	7.33124	1.5381	1
cg03825390	RGL2;RGL2	0.035832	0.0541219	0.56061	-1.78377	0.169398	1.46765	1.46765	0.203677	1.42065	1.42065	0.183715	0.691145	-1.44687	0.00512803	0.36636	-2.72955	0.0196563	0.470532	-2.12525	0.382525	0.791894	-1.26279	0.691856	1.10901	1.10901	0.649364	0.88788	-1.12628	4.20077	4.38723	0.812301	1
cg13695465	RGL2;RGL2	0.0362111	0.0968823	0.77644	-1.28793	0.257847	1.17816	1.17816	0.0718754	1.32182	1.32182	0.169594	0.816147	-1.22527	0.153928	0.809002	-1.23609	0.00255953	0.559411	-1.78759	0.94544	0.990542	-1.00955	0.742831	1.04678	1.04678	0.897874	0.982328	-1.01799	3.81971	1.16638	0.27143	1
cg23412630	RGL2;RGL2	0.0429537	0.172761	0.507462	-1.97059	0.565913	0.762387	-1.31167	0.654336	1.23454	1.23454	0.26401	0.580241	-1.72342	0.0153296	0.248715	-4.02066	0.00519781	0.178309	-5.60824	0.0126991	0.235057	-4.2543	0.830444	1.10545	1.10545	0.3223	0.620032	-1.61282	3.58729	12.4175	3.07691	1
cg09706029	RGL2;RGL2	0.045235	0.693805	0.911704	-1.09685	0.916201	0.975711	-1.02489	0.939818	0.982515	-1.0178	0.6627	0.902546	-1.10798	0.565148	0.872976	-1.14551	0.0934109	0.649795	-1.53895	0.000713235	0.299978	-3.33358	0.19692	0.727086	-1.37535	0.394278	0.815587	-1.22611	3.51866	3.04154	0.768358	1
cg01606310	RGL2;RGL2;RGL2	0.00846926	0.114336	0.584517	-1.71081	0.00242124	4.88767	4.88767	0.00873772	3.22899	3.22899	0.113755	1.71272	1.71272	0.830173	0.938459	-1.06558	?	?	?	0.559445	0.838912	-1.19202	0.00931583	0.315483	-3.16974	0.0591723	1.98147	1.98147	11.0793	12.4933	0.70477	1
cg08984686	RGL2;RGL2;RGL2	0.0236155	0.000752333	0.10924	-9.15414	0.0857336	0.43922	-2.27676	0.184651	0.543595	-1.83961	0.0824343	0.434567	-2.30114	0.0225184	0.306112	-3.26678	0.860959	1.07891	1.07891	0.9171	0.955897	-1.04614	0.332269	0.648352	-1.54237	0.0668069	0.410553	-2.43574	4.44416	13.2101	2.64218	1
cg03505443	RGL2;RGL2;RGL2	0.0293169	0.0503926	0.593421	-1.68514	0.354334	1.24978	1.24978	0.978902	1.00621	1.00621	0.0117597	0.478872	-2.08824	0.278768	0.76835	-1.30149	0.49551	1.17579	1.17579	0.132997	0.684356	-1.46123	0.399955	1.22338	1.22338	0.00960546	2.1536	2.1536	4.12035	3.57299	0.770805	1
cg08312215	RGL2;RGL2;RGL2	0.0293939	0.0110259	0.694546	-1.43979	0.627565	0.945645	-1.05748	0.106066	0.817276	-1.22358	0.138511	0.833349	-1.19998	0.028527	0.744223	-1.34368	0.156287	0.840832	-1.1893	0.0994146	0.813462	-1.22931	0.867272	0.981061	-1.0193	0.0158863	1.40162	1.40162	4.11653	0.851967	0.183967	1
cg08198862	RGL3;RGL3	0.00162021	0.542939	1.18269	1.18269	0.221033	1.41983	1.41983	0.293281	1.34589	1.34589	0.166029	1.4955	1.4955	0.281593	0.737189	-1.3565	0.384974	0.784508	-1.27468	0.0107245	0.417398	-2.3958	5.30E-05	7.81879	7.81879	0.0166646	2.21769	2.21769	10.2492	12.0515	1.0452	1
cg09474424	RGL3;RGL3	0.00170816	0.307767	0.614486	-1.62738	0.274993	0.59222	-1.68856	0.0149917	0.251721	-3.97266	0.1257	2.14758	2.14758	0.000462453	0.0787492	-12.6985	0.00550366	0.185761	-5.38325	0.000193904	0.0554038	-18.0493	0.0360271	0.324693	-3.07984	0.0617028	0.378824	-2.63975	10.0938	34.0128	2.99527	1
cg00767042	RGL3;RGL3	0.00260423	0.127295	1.46873	1.46873	0.274709	1.30333	1.30333	0.998158	1.00054	1.00054	0.0058313	0.431031	-2.32002	0.00228877	0.370098	-2.70198	0.241882	0.751606	-1.33048	0.0143954	2.02019	2.02019	0.000740926	0.302919	-3.30121	0.629661	0.892915	-1.11993	8.92401	7.68033	0.76501	1
cg24937727	RGL3;RGL3	0.00576892	0.0227355	7.58089	7.58089	0.0213787	7.80233	7.80233	0.377833	1.95866	1.95866	0.1337	0.300681	-3.32578	0.0134305	0.10288	-9.72003	0.061181	0.208594	-4.79399	0.00305388	0.0490777	-20.3759	0.322914	0.46834	-2.1352	0.0661168	4.62511	4.62511	7.0237	61.3991	7.7704	1
cg00341204	RGL3;RGL3	0.00820861	0.252116	0.483443	-2.0685	0.0807745	0.30836	-3.24296	0.0887101	0.319561	-3.12929	0.0346224	0.223879	-4.4667	0.0026344	0.079741	-12.5406	0.00692212	0.119627	-8.35934	0.000772107	0.0453857	-22.0334	0.0181594	0.175043	-5.71288	0.0470451	0.251359	-3.97838	6.29292	36.7874	5.1963	1
cg02774542	RGL3;RGL3	0.0175745	0.0269465	4.57192	4.57192	0.0630663	3.36352	3.36352	0.682337	0.787622	-1.26965	0.185183	0.442561	-2.25957	0.0377989	0.247218	-4.04501	0.080933	0.325389	-3.07324	0.00523925	0.118061	-8.47023	0.512735	0.680353	-1.46983	0.227454	2.0856	2.0856	4.91446	26.197	4.7383	1
cg20311631	RGL3;RGL3	0.019911	0.890991	0.962823	-1.03861	0.227336	1.41929	1.41929	0.469081	1.22569	1.22569	0.0564482	0.550625	-1.81612	0.00676619	0.379147	-2.6375	0.0392579	0.517359	-1.93289	0.0149682	0.437566	-2.28537	0.82478	1.06318	1.06318	0.0580158	1.8076	1.8076	4.7117	5.69621	1.07462	1
cg11393479	RGL3;RGL3	0.0210539	0.2393	1.29593	1.29593	0.0409056	1.64278	1.64278	0.0631844	0.644308	-1.55205	0.372324	0.824751	-1.21249	0.00547823	0.463787	-2.15616	0.483352	1.16166	1.16166	0.0449628	0.616291	-1.62261	0.156822	1.37514	1.37514	0.126964	0.70664	-1.41515	4.62298	3.23997	0.622969	1
cg12566149	RGL3;RGL3	0.0287743	0.00906122	0.72977	-1.37029	0.190684	0.876681	-1.14067	0.0363403	0.793646	-1.26001	0.070489	1.21168	1.21168	0.339887	0.910806	-1.09793	0.744941	0.969471	-1.03149	0.0224579	1.29654	1.29654	0.244337	0.890756	-1.12264	0.677534	0.96106	-1.04052	4.14767	0.592614	0.127003	1
cg17848054	RGL3;RGL3	0.032793	0.728715	0.851122	-1.17492	0.0210347	3.6146	3.6146	0.606005	1.27237	1.27237	0.192804	0.528286	-1.89292	0.0287919	0.303081	-3.29945	0.0449151	0.344521	-2.90258	0.0205614	0.274822	-3.63872	0.371922	0.654148	-1.52871	0.250746	1.74301	1.74301	3.95899	13.4396	3.01752	1
cg25563233	RGL3;RGL3	0.0457375	0.440816	0.609984	-1.63939	0.590637	0.710711	-1.40704	0.812885	1.16081	1.16081	0.841661	1.13403	1.13403	0.153324	0.38231	-2.61568	0.0168873	0.159953	-6.25184	0.479859	1.57093	1.57093	0.00458745	10.73	10.73	0.699505	0.78356	-1.27623	3.50411	21.947	5.5673	1
cg14913644	RGL3;RGL3	0.0499944	0.873647	1.03135	1.03135	0.849514	0.963827	-1.03753	0.452298	1.16012	1.16012	0.85047	0.964056	-1.03728	0.000912837	0.382279	-2.61589	0.707328	1.0759	1.0759	0.547269	0.888576	-1.1254	0.385693	1.18826	1.18826	0.999983	1	1	3.38827	2.01892	0.52965	1
cg21444731	RGL4;LOC91316;RGL4	2.46E-05	2.17E-05	0.209159	-4.78106	0.000137399	0.298664	-3.34824	0.000282566	0.337074	-2.9667	0.234726	0.795911	-1.25642	6.60E-06	0.159258	-6.2791	0.000799121	0.395395	-2.52912	8.61E-06	0.169847	-5.88767	0.0740762	0.694328	-1.44024	0.000277028	0.335997	-2.97622	32.0753	17.0627	0.472851	1
cg04697454	RGMA	0.00605025	0.00276226	0.101914	-9.81217	0.484815	1.48089	1.48089	0.335614	0.577423	-1.73183	0.539406	1.41011	1.41011	0.00356376	0.112588	-8.88194	0.326718	0.571192	-1.75073	0.132069	2.45718	2.45718	0.00425447	8.29704	8.29704	0.601143	1.33875	1.33875	6.92131	33.5351	4.30684	1
cg24217984	RGMA	0.0318823	0.0295666	0.153291	-6.52352	0.803393	0.833095	-1.20034	0.369669	0.509446	-1.96292	0.374452	1.94909	1.94909	0.0119366	0.100608	-9.93957	0.519209	0.619814	-1.61339	0.174736	2.87685	2.87685	0.0147505	8.99647	8.99647	0.36842	1.96656	1.96656	3.99915	33.9421	7.5443	1
cg14213101	RGMA;RGMA	0.00123978	0.00175054	0.269178	-3.71501	0.415355	0.782745	-1.27756	0.944611	1.02065	1.02065	0.282465	1.38902	1.38902	0.000120398	0.138455	-7.22254	0.231243	1.44696	1.44696	0.0319589	2.09482	2.09482	0.0318174	2.09652	2.09652	0.0397324	0.496785	-2.01294	11.0682	15.1744	1.21866	1
cg11195298	RGMA;RGMA	0.00358056	0.00233636	0.394786	-2.53302	0.00689344	0.465297	-2.14917	0.0619373	0.63142	-1.58373	0.37295	1.22148	1.22148	0.000394111	0.290903	-3.43757	0.496391	0.859798	-1.16306	0.00773676	0.47318	-2.11336	0.0106973	0.495722	-2.01726	0.134516	0.702616	-1.42325	8.11829	6.1515	0.67354	1
cg24975821	RGMA;RGMA	0.00421013	0.000906415	0.168072	-5.94983	0.255595	0.652821	-1.53181	0.0893896	0.510182	-1.96008	0.360758	1.40157	1.40157	0.000288527	0.119379	-8.3767	0.449707	0.758226	-1.31887	0.129109	0.554737	-1.80266	0.562339	1.23427	1.23427	0.029339	0.397617	-2.51499	7.73207	15.8107	1.81762	1
cg09984414	RGMA;RGMA	0.00541708	0.328291	1.18889	1.18889	0.0765416	0.713322	-1.40189	0.223408	0.803039	-1.24527	0.0450724	1.48334	1.48334	0.04772	1.47436	1.47436	0.620189	1.08944	1.08944	0.000275074	0.360047	-2.77741	0.471772	1.13373	1.13373	0.174448	0.780591	-1.28108	7.16086	3.33464	0.413934	1
cg20899253	RGMA;RGMA	0.00596701	0.418773	0.90654	-1.1031	0.738988	1.04051	1.04051	0.245882	1.15504	1.15504	0.996123	0.999423	-1.00058	0.182103	0.84519	-1.18317	0.00220313	0.600681	-1.66478	0.00632313	0.655552	-1.52543	0.00224895	1.66182	1.66182	0.728383	1.04227	1.04227	6.95098	1.55274	0.198563	1
cg12595281	RGMA;RGMA	0.0283263	0.0442187	0.154699	-6.46415	0.862557	0.869436	-1.15017	0.486769	0.565218	-1.76923	0.336845	2.22451	2.22451	0.0288981	0.12492	-8.00515	0.464377	0.548112	-1.82444	0.0784651	4.84633	4.84633	0.00669676	17.1136	17.1136	0.23042	2.76184	2.76184	4.17072	43.0645	9.17817	1
cg00415704	RGMA;RGMA	0.0303499	0.00843927	0.212376	-4.70863	0.0638778	0.383099	-2.61029	0.0380764	0.330376	-3.02686	0.452809	1.42235	1.42235	0.00393684	0.16747	-5.97123	0.121403	0.461367	-2.16747	0.232867	0.562001	-1.77936	0.189282	0.526994	-1.89755	0.0635445	0.382525	-2.61421	4.07002	13.6781	2.98729	1
cg01702501	RGMA;RGMA	0.0348224	0.014746	0.158726	-6.30016	0.0161253	0.164385	-6.08328	0.0835655	0.308949	-3.23678	0.877943	0.910052	-1.09884	0.00404623	0.0937212	-10.6699	0.179075	0.416715	-2.39972	0.0802242	0.304147	-3.28788	0.453464	0.626035	-1.59735	0.0409779	0.235385	-4.24835	3.87426	23.0789	5.29511	1
cg01950845	RGMA;RGMA	0.0348903	0.150293	0.0601535	-16.6241	0.341716	5.96465	5.96465	0.130944	19.5491	19.5491	0.156207	15.881	15.881	0.267484	0.121757	-8.21311	0.843945	1.43228	1.43228	0.014117	250.056	250.056	0.00699775	577.006	577.006	0.0666415	42.4691	42.4691	3.87153	203.751	46.7805	1
cg04823168	RGMA;RGMA	0.0395547	0.615901	0.87925	-1.13733	0.383477	1.25528	1.25528	0.122318	1.53115	1.53115	0.7422	0.91945	-1.08761	0.14823	0.673962	-1.48376	0.78054	0.931406	-1.07365	0.00385179	2.69338	2.69338	0.0268042	1.94913	1.94913	0.0916555	1.60401	1.60401	3.69834	3.79128	0.911227	1
cg02918577	RGMA;RGMA	0.0449249	0.0344339	0.127838	-7.8224	0.899824	0.90031	-1.11073	0.622987	0.661537	-1.51163	0.255719	2.68952	2.68952	0.0524469	0.15898	-6.29012	0.530495	0.588701	-1.69865	0.0775125	5.13576	5.13576	0.0146835	12.2409	12.2409	0.324905	2.3342	2.3342	3.52773	38.8481	9.78863	1
cg16218980	RGMA;RGMA	0.0454657	0.285891	0.905814	-1.10398	0.777125	1.02565	1.02565	0.499977	1.06302	1.06302	0.258702	0.900164	-1.11091	0.67367	1.03853	1.03853	0.351212	1.08941	1.08941	0.00310442	0.696915	-1.43489	0.0615338	1.2068	1.2068	0.218872	1.12234	1.12234	3.51195	0.443079	0.112145	1
cg14344095	RGMA;RGMA;RGMA;RGMA;RGMA	0.0145026	0.0104551	0.329668	-3.03335	0.0360527	0.43195	-2.31508	0.0212136	0.385306	-2.59534	0.481674	1.27918	1.27918	0.00658192	0.296745	-3.36989	0.100598	0.538365	-1.85748	0.00672485	0.298218	-3.35325	0.547026	1.23345	1.23345	0.0411858	0.444434	-2.25005	5.23871	9.83438	1.66867	1
cg08695357	RGMA;RGMA;RGMA;RGMA;RGMA	0.0179304	0.00921511	0.153291	-6.52354	0.0385418	0.256726	-3.8952	0.195679	0.460077	-2.17355	0.351725	0.580586	-1.7224	0.0027123	0.0953919	-10.4831	0.149158	0.415778	-2.40513	0.00280942	0.096761	-10.3347	0.425706	0.630352	-1.58641	0.060508	0.300953	-3.32277	4.88148	24.8841	4.53125	1
cg08766812	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	8.01E-05	0.000105554	0.236709	-4.2246	0.00127623	2.6874	2.6874	0.00652762	2.10365	2.10365	0.00465976	2.20729	2.20729	0.000194621	0.267388	-3.73988	0.71478	0.925678	-1.08029	0.00247804	2.42331	2.42331	0.0160898	1.85849	1.85849	0.00258277	0.415251	-2.40818	23.4902	16.4718	0.623306	1
cg04241858	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.000185259	0.000170224	0.482762	-2.07141	0.0442876	1.30109	1.30109	0.761782	0.965957	-1.03524	0.000415818	1.89252	1.89252	6.07E-05	0.43015	-2.32477	0.136805	0.833112	-1.20032	0.923145	0.989067	-1.01105	0.330109	0.89182	-1.1213	0.00339426	0.635255	-1.57417	18.7562	3.85525	0.182707	1
cg02206137	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00139082	0.0259655	0.670445	-1.49155	0.0121413	0.623206	-1.6046	0.0132355	0.628474	-1.59116	0.440152	0.887733	-1.12647	0.000273293	0.405753	-2.46455	0.0259211	0.670336	-1.49179	0.00130716	2.02976	2.02976	0.956952	0.991868	-1.0082	0.0866898	0.751094	-1.33139	10.7097	3.8811	0.322125	1
cg17397836	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00157453	0.00193866	0.24734	-4.04301	0.17043	0.628087	-1.59214	0.954674	1.01827	1.01827	0.122289	1.70488	1.70488	0.000222448	0.141099	-7.08722	0.952126	0.981055	-1.01931	0.139099	1.66059	1.66059	0.0829848	1.84322	1.84322	0.00273141	0.267713	-3.73534	10.3342	16.6103	1.42873	1
cg01019874	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00307457	0.0127272	0.421514	-2.3724	0.554082	0.846186	-1.18177	0.100832	1.65121	1.65121	0.038933	1.94856	1.94856	0.00163555	0.28397	-3.5215	0.010615	0.407912	-2.45151	0.161319	1.51808	1.51808	0.151638	1.53525	1.53525	0.00481345	0.352089	-2.84019	8.49595	10.4789	1.09635	1
cg14819229	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00325329	0.040571	0.53446	-1.87105	0.0189251	0.470957	-2.12334	0.873807	0.958766	-1.04301	0.105461	1.59772	1.59772	0.000196606	0.190467	-5.25024	0.457071	1.22218	1.22218	0.406229	1.25245	1.25245	0.178901	1.45979	1.45979	0.0123086	0.437867	-2.2838	8.35423	9.28618	0.988048	1
cg10604258	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00491246	0.631192	1.10361	1.10361	0.00240114	2.36807	2.36807	0.00456305	2.15961	2.15961	0.975721	0.993816	-1.00622	0.00155362	0.395604	-2.52778	0.877336	0.969007	-1.03198	0.344106	1.21975	1.21975	0.272348	1.26224	1.26224	0.192883	0.755112	-1.32431	7.37825	4.85506	0.58491	1
cg23013968	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0059302	0.00110958	0.164744	-6.07003	0.676483	0.854298	-1.17055	0.845143	1.07614	1.07614	0.0210725	2.83242	2.83242	0.00264263	0.209872	-4.76482	0.901378	0.954542	-1.04762	0.207204	1.64732	1.64732	0.454623	0.751401	-1.33085	0.0319921	0.389486	-2.56748	6.96426	15.5328	1.98254	1
cg05342906	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00604209	0.636718	1.1434	1.1434	0.223849	1.43327	1.43327	0.0224637	2.1601	2.1601	0.00773054	2.62163	2.62163	0.000789909	0.239612	-4.17341	0.281995	1.37017	1.37017	0.0654928	1.79021	1.79021	0.0681069	1.77796	1.77796	0.807036	1.07136	1.07136	6.9242	8.70144	1.11704	1
cg26905931	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00608581	0.0018718	0.137822	-7.25576	0.0136136	0.253757	-3.94077	0.34623	0.646742	-1.54621	0.209408	1.81193	1.81193	0.000964193	0.109912	-9.0982	0.371744	0.662302	-1.50988	0.312201	0.625192	-1.59951	0.415911	0.688267	-1.45292	0.00556979	0.194771	-5.13425	6.90879	22.0867	2.84169	1
cg18927740	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00682126	0.0940047	0.620391	-1.61189	0.666565	0.895079	-1.11722	0.836332	0.948514	-1.05428	0.763647	0.925819	-1.08012	0.000452601	0.21778	-4.59179	?	?	?	0.0153136	2.19452	2.19452	0.348684	1.28092	1.28092	0.0552429	0.567664	-1.76161	7.80989	7.02468	0.787027	1
cg08119553	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00932945	0.00896668	0.308975	-3.2365	0.37358	0.724138	-1.38095	0.681987	1.15672	1.15672	0.00796281	3.32731	3.32731	0.00396484	0.254337	-3.93179	0.574556	0.81838	-1.22193	0.305529	1.45488	1.45488	0.364724	0.719551	-1.38976	0.0180563	0.362426	-2.75919	6.04295	11.9515	1.75801	1
cg22489931	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00940047	0.014523	0.473091	-2.11376	0.832899	1.05392	1.05392	0.543875	0.858372	-1.165	0.104123	1.55534	1.55534	0.00858262	0.434584	-2.30105	0.0514308	0.576228	-1.73542	0.895324	0.967807	-1.03326	0.00289025	2.76854	2.76854	0.264852	0.749106	-1.33492	6.02838	5.89995	0.869952	1
cg20122635	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0104512	0.0248353	0.555269	-1.80093	0.0228668	0.54896	-1.82162	0.806915	0.947495	-1.05541	0.00530593	2.24622	2.24622	0.0211641	0.543099	-1.84128	0.910145	0.975441	-1.02518	0.0598516	1.59628	1.59628	0.606077	1.12139	1.12139	0.0528909	0.615948	-1.62351	5.82764	4.47747	0.682948	1
cg19781376	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0107594	0.0976546	1.18731	1.18731	0.213287	1.13181	1.13181	0.261481	0.895269	-1.11698	0.0754101	1.20564	1.20564	0.0175941	0.761171	-1.31377	0.933371	0.992131	-1.00793	0.00219971	0.666599	-1.50015	0.0168225	0.759123	-1.31731	0.256892	0.894228	-1.11828	5.77348	0.816151	0.125655	1
cg23754924	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0121068	0.00190373	0.203563	-4.91249	0.228317	0.632813	-1.58024	0.558398	0.807207	-1.23884	0.409711	1.35677	1.35677	0.00102143	0.171654	-5.82567	0.31321	0.685582	-1.45862	0.967114	0.985191	-1.01503	0.280969	0.666623	-1.5001	0.0265212	0.386082	-2.59012	5.55749	11.5269	1.84367	1
cg01961547	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0134584	0.00860359	0.573936	-1.74235	0.416793	1.14741	1.14741	0.227149	1.2338	1.2338	0.0283838	1.53532	1.53532	0.125493	0.759759	-1.31621	0.326401	1.18281	1.18281	0.00329823	1.9412	1.9412	0.111574	1.33265	1.33265	0.883145	0.975924	-1.02467	5.36894	2.33474	0.386543	1
cg22111818	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0144532	0.420952	0.639899	-1.56275	0.0174537	4.81291	4.81291	0.0924308	2.73363	2.73363	0.0233515	4.35544	4.35544	0.003692	0.118746	-8.42135	0.175837	2.18495	2.18495	0.165285	2.23372	2.23372	0.19235	2.11552	2.11552	0.427243	0.643926	-1.55297	5.2446	24.4927	4.15118	1
cg15288779	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0148937	0.954609	0.988293	-1.01185	0.208055	1.31601	1.31601	0.656816	1.09693	1.09693	0.0138007	1.877	1.877	0.00813801	0.496176	-2.01541	0.0582328	1.55708	1.55708	0.00483559	2.16674	2.16674	0.121419	1.41538	1.41538	0.879967	1.03176	1.03176	5.19289	3.52011	0.602552	1
cg03462901	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0224846	0.00915234	0.125886	-7.94372	0.0150976	0.154204	-6.48493	0.0371339	0.219807	-4.54944	0.129525	0.358646	-2.78826	0.0181259	0.165862	-6.02909	0.0507086	0.248123	-4.03026	0.00636743	0.108268	-9.2363	0.0325428	0.208786	-4.78959	0.04131	0.229116	-4.36461	4.51999	28.0591	5.51803	1
cg07712478	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0246939	0.308662	0.654252	-1.52846	0.0500293	2.45917	2.45917	0.0657194	2.29691	2.29691	0.381087	1.43584	1.43584	0.00429192	0.214824	-4.65496	0.28392	1.56557	1.56557	0.0536191	2.41693	2.41693	0.477523	1.33749	1.33749	0.240344	0.609575	-1.64049	4.37593	11.2368	2.28255	1
cg25059434	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.034107	0.0718885	0.340725	-2.93491	0.708338	0.817611	-1.22308	0.228416	0.507938	-1.96875	0.0191983	4.56402	4.56402	0.0147372	0.200211	-4.99473	0.157018	0.444403	-2.25021	0.355039	0.600602	-1.665	0.0629019	3.06867	3.06867	0.404226	0.632963	-1.57987	3.90341	17.7515	4.04238	1
cg07989833	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0394073	0.142091	0.292242	-3.42183	0.267579	2.46003	2.46003	0.221447	2.72299	2.72299	0.0644243	5.04961	5.04961	0.070629	0.207075	-4.82917	0.551434	0.625207	-1.59947	0.0126383	11.2056	11.2056	0.243498	2.58874	2.58874	0.0983897	0.243465	-4.10737	3.70342	35.6329	8.55255	1
cg06678242	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0445196	0.0498546	0.342775	-2.91737	0.0224395	0.27009	-3.70248	0.585956	0.768535	-1.30118	0.0895751	2.44946	2.44946	0.0199486	0.260664	-3.83636	0.172087	0.498707	-2.00518	0.0515087	0.346116	-2.8892	0.415815	1.48897	1.48897	0.376182	0.647462	-1.54449	3.53971	12.844	3.22537	1
cg25290178	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0446979	0.288492	0.53338	-1.87484	0.0604823	3.34487	3.34487	0.0705946	3.1662	3.1662	0.447918	1.55451	1.55451	0.00763005	0.141342	-7.07501	0.688964	1.25797	1.25797	0.512223	1.46103	1.46103	0.187316	2.21917	2.21917	0.156809	0.42156	-2.37214	3.53443	18.2122	4.58026	1
cg21467828	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0475352	0.709204	0.7515	-1.33067	0.0804748	4.38664	4.38664	0.936951	0.941451	-1.06219	0.0351246	6.50022	6.50022	0.0835361	0.232065	-4.30914	0.31453	0.452402	-2.21042	0.0790685	4.42368	4.42368	0.259061	2.4546	2.4546	0.0297364	0.142131	-7.03579	3.45364	31.8117	8.18761	1
cg24569831	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.000204416	0.000203669	0.100894	-9.91137	0.276516	1.51725	1.51725	0.832354	0.924891	-1.08121	0.128464	1.83166	1.83166	3.75E-05	0.0541201	-18.4774	0.172769	1.70647	1.70647	0.0012343	5.69668	5.69668	0.154616	1.75272	1.75272	0.0133031	0.323114	-3.09488	18.2627	39.2406	1.90994	1
cg17400113	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00267088	0.0013708	0.182658	-5.47471	0.684983	1.16104	1.16104	0.909385	0.959174	-1.04256	0.229178	1.58721	1.58721	0.00033215	0.119964	-8.33583	0.558132	1.24212	1.24212	0.0494428	2.27236	2.27236	0.460961	1.31626	1.31626	0.0178774	0.34861	-2.86854	8.85771	18.8031	1.88692	1
cg17633234	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00440296	0.00302803	0.249682	-4.0051	0.598035	1.19923	1.19923	0.162975	1.66286	1.66286	0.00489033	3.57386	3.57386	0.0101529	0.330492	-3.02579	0.369071	1.37029	1.37029	0.0794169	1.94428	1.94428	0.122807	1.76993	1.76993	0.0245287	0.40061	-2.49619	7.62798	14.0876	1.64163	1
cg04340651	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0135271	0.00294439	0.165367	-6.04714	0.647064	0.816142	-1.22528	0.636982	1.23307	1.23307	0.0572385	2.58064	2.58064	0.00705727	0.21553	-4.63973	0.803731	1.11599	1.11599	0.168217	1.91017	1.91017	0.263031	1.67242	1.67242	0.0591119	0.390934	-2.55798	5.36	16.4889	2.73448	1
cg26127778	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.01626	0.0038865	0.0838416	-11.9273	0.998323	0.998661	-1.00134	0.544638	1.47832	1.47832	0.32888	1.90113	1.90113	0.00231644	0.0663454	-15.0726	0.914181	0.933583	-1.07114	0.292869	2.00507	2.00507	0.617546	1.37843	1.37843	0.0448645	0.230427	-4.33977	5.04386	32.4682	5.72194	1
cg17896927	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0410039	0.0051131	0.10082	-9.91864	0.54117	0.681367	-1.46764	0.906429	1.07566	1.07566	0.442558	1.62516	1.62516	0.00798387	0.121377	-8.23879	0.613422	0.729091	-1.37157	0.813291	1.15806	1.15806	0.780858	0.84116	-1.18883	0.0291248	0.202957	-4.92714	3.64961	22.2347	5.41542	1
cg13455960	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0490683	0.00678627	0.186051	-5.37486	0.530932	0.737671	-1.35562	0.568313	0.758489	-1.31841	0.459345	1.43498	1.43498	0.00744438	0.191636	-5.21821	0.848974	0.912666	-1.09569	0.378367	1.54226	1.54226	0.845434	0.910683	-1.09808	0.073731	0.384582	-2.60023	3.41242	12.4189	3.23496	1
cg25994931	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.00674068	0.00165976	0.209618	-4.77058	0.779927	0.907324	-1.10214	0.795221	0.913652	-1.09451	0.0821211	1.95181	1.95181	0.00110155	0.188162	-5.31456	0.693829	0.871647	-1.14725	0.368155	1.37843	1.37843	0.552402	0.81164	-1.23207	0.0146557	0.352264	-2.83878	6.69334	12.7793	1.69711	1
cg23416667	RGMB	1.20E-05	0.00409162	0.429541	-2.32807	0.104779	0.67782	-1.47532	0.475256	0.852779	-1.17264	0.0225218	0.54916	-1.82096	8.47E-08	0.0207844	-48.1131	0.247096	0.76685	-1.30404	0.407811	0.830505	-1.20409	0.0227816	0.55003	-1.81808	0.550139	1.14181	1.14181	38.7272	29.5109	0.677351	1
cg16317718	RGMB	0.000882522	0.0206889	1.22639	1.22639	?	?	?	0.962441	0.996557	-1.00346	0.682329	1.0306	1.0306	0.0307796	0.830424	-1.2042	0.000113332	0.608634	-1.64302	0.1133	0.881412	-1.13454	0.00176245	1.38592	1.38592	0.121822	0.884399	-1.13071	12.4807	0.942743	0.075536	1
cg00530638	RGMB	0.000926524	0.0287187	0.542979	-1.84169	0.00103554	3.15853	3.15853	0.00103163	3.16073	3.16073	0.00619975	2.32736	2.32736	0.118582	0.669632	-1.49336	0.000412975	3.76879	3.76879	0.441528	0.830476	-1.20413	0.386087	1.23406	1.23406	0.0459988	1.71821	1.71821	12.0236	10.6685	0.788709	1
cg18503856	RGMB	0.00141644	0.000831524	0.569005	-1.75745	0.0156397	1.39393	1.39393	0.00167557	0.604382	-1.65458	0.000749308	0.563739	-1.77387	0.0322288	0.754964	-1.32457	0.113063	0.824251	-1.21322	0.188511	0.855432	-1.169	0.329017	1.11952	1.11952	0.286987	1.13191	1.13191	10.6537	2.11929	0.176822	1
cg19764335	RGMB	0.0102177	0.671991	1.06477	1.06477	0.238498	0.83366	-1.19953	0.209065	1.21545	1.21545	0.942543	0.989434	-1.01068	0.10107	1.30291	1.30291	0.216166	0.825474	-1.21142	0.000535955	0.452114	-2.21183	0.50436	0.904985	-1.10499	0.0247885	1.48257	1.48257	5.87002	2.01878	0.305701	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)
cg03315935	RGMB	0.0119396	0.556923	0.73715	-1.35658	0.129644	0.431518	-2.3174	0.0167931	0.223587	-4.47253	0.00245992	0.115091
cg26096338	RGMB	0.0188393	0.866731	0.942402	-1.06112	0.72984	0.884752	-1.13026	0.100088	0.529188	-1.88969	0.973106	1.01198
cg04646205	RGMB	0.025925	0.309673	1.10862	1.10862	0.00266809	0.665386	-1.50289	0.409284	1.0863	1.0863	0.409087	0.920526
cg15549761	RGMB	0.0260194	0.0404129	0.757905	-1.31943	0.0454455	1.30821	1.30821	0.0372591	1.32725	1.32725	0.309049	0.884023
cg04442746	RGMB	0.0261527	0.567484	0.868352	-1.15161	0.269387	1.32437	1.32437	0.0263307	1.90303	1.90303	0.312088	1.291
cg12148899	RGMB	0.029182	0.0382863	0.417477	-2.39534	0.12947	1.80276	1.80276	0.16634	0.58871	-1.69863	0.0802022	0.495993
cg08367801	RGMB	0.0328002	0.05858	0.281896	-3.5474	0.0241866	0.203375	-4.91703	0.742846	0.822751	-1.21543	0.751202	0.828203
cg06376395	RGMB	0.0355882	0.0320007	0.683838	-1.46233	0.00547735	1.73755	1.73755	0.937263	0.988164	-1.01198	0.940664	0.988803
cg21236845	RGMB	0.0486399	0.137433	0.620335	-1.61203	0.388408	1.30192	1.30192	0.886059	1.04372	1.04372	0.172163	1.54304
cg06472116	RGN;RGN	0.000821167	0.779588	0.956746	-1.04521	0.0210718	1.54846	1.54846	0.223388	1.22339	1.22339	0.774337	0.955705
cg06137651	RGN;RGN	0.000850541	0.34327	0.69749	-1.43371	0.213042	0.616374	-1.62239	0.00171439	0.191732	-5.21561	0.0068754	0.274905
cg09625066	RGN;RGN	0.0010335	0.011245	0.427803	-2.33752	0.847948	1.05266	1.05266	0.0906659	1.64605	1.64605	0.970899	1.0098
cg03139204	RGN;RGN	0.00184108	0.431381	0.731383	-1.36727	0.23353	0.614755	-1.62666	0.50905	0.770337	-1.29813	0.73765	1.13991
cg00926894	RGN;RGN	0.0338009	0.0760993	0.345531	-2.89409	0.709631	0.817603	-1.22309	0.292463	1.80047	1.80047	0.636476	1.29218
cg21049587	RGN;RGN	0.0378722	0.265535	0.512286	-1.95204	0.985488	1.01054	1.01054	0.471483	1.52539	1.52539	0.196426	0.45502
cg22256180	RGN;RGN	0.0384295	0.284324	0.671363	-1.48951	0.0186792	0.36016	-2.77654	0.0531288	0.455119	-2.19723	0.0736045	0.489419
cg07654896	RGN;RGN;RGN;RGN	0.0124451	0.339405	1.571	1.571	0.00671907	5.01519	5.01519	0.209068	1.83569	1.83569	0.792141	1.12881
cg20417500	RGNEF	5.57E-05	0.124973	1.46962	1.46962	0.713253	1.08933	1.08933	0.000174336	0.228375	-4.37876	0.444978	0.834846
cg07211251	RGNEF	0.000216431	0.00350128	0.490135	-2.04026	0.0121971	0.56993	-1.7546	0.570959	1.10859	1.10859	0.0928016	1.39506
cg24896460	RGNEF	0.000295543	0.00410136	0.291075	-3.43554	0.000994306	0.208579	-4.79434	0.000862371	0.20124	-4.9692	0.125031	0.587325
cg17792315	RGNEF	0.000539353	0.0397672	0.787823	-1.26932	0.000121502	0.510038	-1.96064	0.0194102	0.753124	-1.3278	0.000433589	0.572252
cg11212511	RGNEF	0.000606331	0.193753	0.685745	-1.45827	0.014185	0.435963	-2.29377	0.179508	0.676278	-1.47868	0.913344	0.970576
cg12827601	RGNEF	0.00061552	0.0051847	0.331886	-3.01308	0.000423087	0.188361	-5.30896	0.019601	0.430431	-2.32326	0.146211	0.627348
cg19904318	RGNEF	0.00368389	0.0342925	0.411302	-2.4313	0.659783	1.17278	1.17278	0.00695264	0.284688	-3.51262	0.208293	0.620476
cg25000900	RGNEF	0.00501346	0.0139739	0.313404	-3.19077	0.00105358	0.15691	-6.37309	0.0129941	0.307855	-3.24828	0.0638846	0.451094
cg26556008	RGNEF	0.00512806	0.00467061	2.01396	2.01396	0.0165492	0.579894	-1.72445	0.0103322	0.548058	-1.82462	0.177608	0.765916
cg26618668	RGNEF	0.0103351	0.000521757	0.035994	-27.7824	0.192681	2.33345	2.33345	0.417778	1.66345	1.66345	0.970077	0.977211
cg04720348	RGNEF	0.0116633	0.0037014	0.274307	-3.64555	0.987284	0.994758	-1.00527	0.00136745	0.216076	-4.62801	0.775299	0.909932
cg23243652	RGNEF	0.0322365	0.413186	0.848851	-1.17806	0.402712	0.84557	-1.18263	0.211174	0.772564	-1.29439	0.558264	1.12296
cg11781564	RGNEF	0.0340164	0.596214	0.883908	-1.13134	0.0020422	0.366717	-2.7269	0.117724	0.675665	-1.48002	0.690106	1.0969
cg23209962	RGNEF	0.0354305	0.0768652	0.440961	-2.26777	0.0200429	0.311063	-3.21478	0.010693	0.26309	-3.80098	0.158979	0.534458
cg04480106	RGNEF	0.0384337	0.810972	0.89705	-1.11477	0.0468774	0.356436	-2.80555	0.143796	0.490587	-2.03837	0.73738	1.16486
cg03628682	RGNEF	0.0410554	0.00359277	0.608825	-1.64251	0.702923	0.952831	-1.04941	0.200705	0.843593	-1.18541	0.337522	1.13251
cg23956565	RGNEF	0.0469856	0.0182106	0.225534	-4.43391	0.3792	0.625831	-1.59788	0.137176	0.435292	-2.29731	0.136749	0.434838
cg14509084	RGNEF;RGNEF	0.0461413	0.00879224	0.709357	-1.40973	0.0596462	0.803518	-1.24453	0.340795	1.10631	1.10631	0.141929	1.17647
cg14037246	RGP1;GBA2	0.010723	0.222175	0.714627	-1.39933	0.0283546	1.96948	1.96948	0.0061125	0.391747	-2.55267	0.848947	1.0512
cg14012249	RGP1;GBA2;GBA2	0.0046751	0.334906	0.749108	-1.33492	0.759272	1.09339	1.09339	0.914744	0.969371	-1.0316	0.00718724	0.364959
cg13439902	RGPD1	0.0105168	0.013244	0.566513	-1.76519	0.246424	0.799031	-1.25152	0.132775	0.740656	-1.35015	0.0317324	0.627492
cg21752357	RGPD1	0.0135836	0.651123	0.952928	-1.0494	0.000329363	1.8483	1.8483	0.0247443	1.3273	1.3273	0.864416	1.01827
cg22324393	RGPD1;RGPD2	0.00447578	0.0455535	0.632752	-1.5804	0.000984041	0.376127	-2.65867	0.333533	0.819469	-1.2203	0.000368195	0.320325
cg23601035	RGPD1;RGPD2	0.00685466	0.00768861	1.38396	1.38396	0.279412	1.11259	1.11259	0.0657437	1.21641	1.21641	0.340282	1.09772
cg16408232	RGPD1;RGPD2	0.0127056	0.0209164	0.473737	-2.11088	0.238127	0.717352	-1.39402	0.40263	0.794326	-1.25893	0.0494284	0.547289
cg16821904	RGPD1;RGPD2	0.0476987	0.00325133	3.38798	3.38798	0.099787	1.73054	1.73054	0.27139	1.41645	1.41645	0.533039	1.21165
cg26563141	RGPD2;RGPD1	0.00129463	0.171063	0.839975	-1.19051	0.000129108	0.451114	-2.21674	0.0517776	0.767339	-1.30321	0.612185	1.06308
cg18098774	RGPD3	0.00356214	0.596488	1.06269	1.06269	0.096874	1.23046	1.23046	0.503061	0.925574	-1.08041	0.000806105	1.77778
cg07565404	RGPD3	0.0172737	0.155412	0.765073	-1.30706	0.899702	0.978033	-1.02246	0.402167	1.16303	1.16303	0.933778	1.01475
cg18625006	RGPD3	0.0499152	0.086542	0.545967	-1.83161	0.258587	0.686056	-1.45761	0.0129029	0.372789	-2.68248	0.0674367	0.519435
cg01763990	RGPD4	0.029074	0.219374	1.16004	1.16004	0.0845371	0.80308	-1.24521	0.00396104	0.640575	-1.5611	0.986844	0.998107
cg23609528	RGPD5;RGPD8;RGPD8	0.0323364	0.0464829	0.654158	-1.52868	0.350807	0.836334	-1.19569	0.903489	1.02283	1.02283	0.0367427	0.636609
cg24729792	RGPD8;RGPD5	0.000336527	0.00121137	0.509304	-1.96346	0.289798	0.855167	-1.16936	0.203233	0.825917	-1.21078	0.113015	0.782214
cg24921240	RGPD8;RGPD5	0.0272204	0.0604064	0.427985	-2.33653	0.0196094	0.323005	-3.09593	0.0136815	0.294637	-3.394	0.0608775	0.428814
cg14856914	RGR;RGR;RGR	0.0101262	0.348471	1.22813	1.22813	0.0117002	0.511395	-1.95544	0.0102452	0.502086	-1.99169	0.147573	1.39207
cg02698580	RGR;RGR;RGR	0.0130638	0.0727337	2.28427	2.28427	0.172364	1.82087	1.82087	0.152203	0.531071	-1.88299	0.998714	0.999335
cg17763354	RGR;RGR;RGR	0.0498742	0.0249037	14.4784	14.4784	0.245773	3.37185	3.37185	0.746781	1.38317	1.38317	0.117656	5.48169
cg06357908	RGS1	0.00955335	0.0135054	0.472703	-2.11549	0.36132	1.25855	1.25855	0.163371	0.6945	-1.43988	0.0119493	0.463648
cg22360028	RGS1	0.0116928	0.122444	1.22923	1.22923	0.25202	0.862826	-1.15898	0.0120608	0.679779	-1.47107	0.0669858	1.28811
cg17527393	RGS10	0.00330759	0.11653	1.18126	1.18126	0.0894273	1.20072	1.20072	0.407862	1.08621	1.08621	0.00027066	0.558057
cg00291478	RGS10	0.0131591	0.0939477	0.688862	-1.45167	0.0648222	0.657261	-1.52147	0.0115097	0.527476	-1.89582	0.0842907	0.679433
cg20445950	RGS10	0.017036	0.609013	1.07509	1.07509	0.00144748	0.52413	-1.90792	0.00332404	0.570597	-1.75255	0.0493162	0.729859
cg04041960	RGS10	0.039007	0.04358	8.86793	8.86793	0.0489918	8.28196	8.28196	0.164614	4.03301	4.03301	0.0815993	6.1433
cg03541338	RGS10	0.0451056	0.0444786	12.7711	12.7711	0.0646201	9.88539	9.88539	0.308423	3.20143	3.20143	0.147247	5.56574
cg10292430	RGS10;RGS10	0.00200451	0.30073	0.686904	-1.45581	0.621188	0.839911	-1.1906	0.868478	1.05976	1.05976	0.00514214	0.274093
cg04671206	RGS10;RGS10	0.00483611	0.102182	1.10529	1.10529	0.00194854	0.782534	-1.2779	0.178916	0.923195	-1.0832	0.977761	1.00156
cg17804342	RGS10;RGS10	0.0108224	0.0101814	2.76381	2.76381	0.00692306	2.99354	2.99354	0.951083	0.980937	-1.01943	0.251724	1.45595
cg00644351	RGS10;RGS10	0.0167201	0.323199	0.590511	-1.69345	0.308881	1.72232	1.72232	0.0281242	0.262192	-3.81399	0.0461928	0.30752
cg16596052	RGS10;RGS10	0.0313192	0.0284491	3.56316	3.56316	0.233713	1.84682	1.84682	0.512793	0.721693	-1.38563	0.278441	0.574786
cg04182483	RGS10;RGS10	0.0332557	0.0628349	0.352186	-2.83941	0.00425928	0.148532	-6.73255	0.0675917	0.360252	-2.77583	0.415812	0.660558
cg11749490	RGS10;RGS10;RGS10	0.0259179	0.558814	0.850613	-1.17562	0.39884	0.789467	-1.26668	0.102657	0.613402	-1.63025	0.00678246	0.382796
cg02410200	RGS11;RGS11	3.16E-05	0.108677	1.72074	1.72074	4.90E-05	10.6665	10.6665	0.100511	0.572306	-1.74732	0.151312	1.61116
cg27040030	RGS11;RGS11	0.00138514	0.297377	1.4446	1.4446	0.00383021	3.77085	3.77085	0.608804	1.19214	1.19214	0.0174659	2.67802
cg07430849	RGS11;RGS11	0.00975414	0.109191	0.788074	-1.26892	0.314127	1.15251	1.15251	0.0595581	0.748314	-1.33634	0.0999904	1.27859
cg03390211	RGS11;RGS11	0.0171245	0.000783942	0.427733	-2.33791	0.0956516	1.35813	1.35813	0.872482	0.973494	-1.02723	0.275032	0.827023
cg21570811	RGS12;RGS12	0.00136867	0.0594963	0.449011	-2.22711	0.000283503	0.107255	-9.32361	0.0199718	0.347449	-2.87812	0.0285364	0.378048
cg11373356	RGS12;RGS12	0.00153427	0.0182002	0.793551	-1.26016	0.00245978	0.711981	-1.40453	0.0483398	0.833638	-1.19956	0.109782	1.15097
cg17066954	RGS12;RGS12	0.00221627	0.288744	0.899194	-1.11211	0.000313902	0.569157	-1.75698	0.222792	1.13157	1.13157	0.125757	1.17334
cg27217742	RGS12;RGS12	0.00734319	0.0595586	0.729663	-1.37049	0.0198228	0.659063	-1.51731	0.00561411	0.583389	-1.71412	0.570264	0.918483
cg14827643	RGS12;RGS12	0.0140288	0.10145	0.674744	-1.48204	0.00641846	0.459384	-2.17683	0.0206653	0.542606	-1.84296	0.24654	0.766551
cg05297308	RGS12;RGS12	0.0194155	0.300991	0.690097	-1.44907	0.126341	0.56417	-1.77251	0.0287864	0.409643	-2.44115	0.0913351	0.525418
cg19670885	RGS12;RGS12	0.0209325	0.583979	0.758673	-1.31809	0.14428	0.456879	-2.18877	0.0254053	0.265293	-3.76941	0.107869	0.416342
cg24015175	RGS12;RGS12	0.0242293	0.0180605	0.554882	-1.80218	0.0674287	1.52236	1.52236	0.789846	1.05631	1.05631	0.739071	0.933741
cg12030215	RGS12;RGS12	0.0320388	0.113671	0.785793	-1.2726	0.0462319	0.726263	-1.37691	0.0667635	0.749866	-1.33357	0.0971192	0.774911
cg07526905	RGS12;RGS12	0.039613	0.022869	0.262321	-3.81213	0.0140444	0.225302	-4.4385	0.0166219	0.237546	-4.20971	0.506747	0.718167
cg03971808	RGS12;RGS12	0.0412467	0.526498	1.23642	1.23642	0.00423224	3.54746	3.54746	0.431671	1.30394	1.30394	0.806888	1.08436
cg09735869	RGS12;RGS12	0.0422585	0.120775	0.730785	-1.36839	0.517935	0.884989	-1.12996	0.00205269	0.445042	-2.24698	0.569086	1.11323
cg24911905	RGS12;RGS12;RGS12	1.46E-05	4.28E-07	0.207994	-4.80783	7.66E-06	0.341071	-2.93194	0.657271	0.952294	-1.0501	0.066038	0.797924
cg14583973	RGS12;RGS12;RGS12	9.96E-05	0.000511019	3.82668	3.82668	7.92E-05	5.8358	5.8358	0.0138698	0.471465	-2.12105	0.106557	0.646746
cg26686647	RGS12;RGS12;RGS12	0.00011277	0.00217162	1.75695	1.75695	0.0329212	1.38655	1.38655	0.0165841	1.46715	1.46715	0.000267609	2.18933
cg08847300	RGS12;RGS12;RGS12	0.000292655	0.020027	0.789272	-1.26699	0.139907	1.14331	1.14331	0.98763	1.00131	1.00131	1.70E-05	0.475051
cg21483092	RGS12;RGS12;RGS12	0.00121932	0.304187	1.1866	1.1866	0.00542121	0.555224	-1.80107	0.00791868	1.72901	1.72901	0.000953208	2.20698
cg03882270	RGS12;RGS12;RGS12	0.00158011	0.0294352	0.608405	-1.64364	0.0187163	1.73685	1.73685	0.953927	1.01126	1.01126	0.0465869	1.55513
cg26785604	RGS12;RGS12;RGS12	0.00491593	0.0117768	3.50384	3.50384	0.0678837	2.25937	2.25937	0.000368909	9.70408	9.70408	0.0184088	3.12634
cg20495365	RGS12;RGS12;RGS12	0.00524525	0.0197482	0.455221	-2.19674	0.00394564	0.338267	-2.95624	0.415005	0.792233	-1.26226	0.179428	1.48975
cg22655196	RGS12;RGS12;RGS12	0.00645817	0.56782	1.1004	1.1004	0.88336	1.02462	1.02462	0.00853106	0.573406	-1.74396	0.982313	1.00368
cg17276535	RGS12;RGS12;RGS12	0.0068313	0.169241	0.684629	-1.46064	0.000719785	0.264094	-3.78653	0.00601452	0.39511	-2.53094	0.206529	1.41154
cg12995330	RGS12;RGS12;RGS12	0.0113658	0.0157091	0.709338	-1.40977	0.00957225	1.46308	1.46308	0.28585	1.1372	1.1372	0.111287	0.81774
cg15111822	RGS12;RGS12;RGS12	0.0166475	0.208506	0.75785	-1.31952	0.546321	0.880141	-1.13618	0.0183616	0.549699	-1.81918	0.234254	0.770473
cg21601032	RGS12;RGS12;RGS12	0.0170288	0.387062	1.16707	1.16707	0.758198	0.947615	-1.05528	0.186359	0.783398	-1.27649	0.123447	1.33745
cg01085866	RGS12;RGS12;RGS12	0.0207847	0.0168297	0.659645	-1.51597	0.154644	1.24272	1.24272	0.0167156	0.659239	-1.5169	0.0863446	0.763181
cg02547426	RGS12;RGS12;RGS12	0.0333434	0.0721628	0.349275	-2.86307	0.00186406	0.0989038	-10.1108	0.356699	0.608437	-1.64355	0.965993	0.977902
cg08869674	RGS12;RGS12;RGS12	0.0340956	0.201205	0.817439	-1.22333	0.525047	1.10096	1.10096	0.74686	0.952786	-1.04955	0.958998	1.00771
cg05154546	RGS12;RGS12;RGS12	0.038062	0.337239	0.591149	-1.69162	0.00360567	0.123228	-8.11506	0.0905271	0.371224	-2.69379	0.852768	1.10375
cg08403043	RGS12;RGS12;RGS12	0.0383296	0.0687804	2.57925	2.57925	0.00567079	5.40966	5.40966	0.0123947	4.2547	4.2547	0.0295221	3.29427
cg01557907	RGS12;RGS12;RGS12	0.0403117	0.180467	1.55619	1.55619	?	?	?	0.00623597	0.330034	-3.03	0.216427	1.49852
cg23714660	RGS12;RGS12;RGS12	0.0457896	0.00831515	1.86476	1.86476	0.942824	1.01334	1.01334	0.565711	1.11322	1.11322	0.245389	0.798961
cg18352616	RGS12;RGS12;RGS12	0.0476824	0.42505	0.69847	-1.4317	0.823415	1.10347	1.10347	0.035575	0.34035	-2.93815	0.393825	0.680604
cg09921821	RGS12;RGS12;RGS12;RGS12	0.00745338	0.115677	0.660518	-1.51396	0.140174	0.68052	-1.46946	0.0780061	0.621931	-1.60789	0.0499691	0.5815
cg24466927	RGS12;RGS12;RGS12;RGS12	0.0181942	0.361138	0.77077	-1.2974	0.00261839	0.314827	-3.17635	0.0441709	0.526634	-1.89885	0.301549	1.34564
cg08932474	RGS13;RGS13	0.00211805	0.621437	0.894135	-1.1184	0.67934	0.91079	-1.09795	0.7088	1.088	1.088	0.279711	0.776759
cg09978023	RGS13;RGS13	0.00679423	0.503808	0.80927	-1.23568	0.908642	1.03646	1.03646	0.357805	0.74454	-1.34311	0.179511	0.640994
cg07178206	RGS13;RGS13	0.0167774	0.112339	0.792885	-1.26122	0.00731249	1.5909	1.5909	0.00603359	1.61863	1.61863	0.277013	0.859175
cg01567482	RGS14	0.000213655	0.16861	0.852146	-1.17351	0.278191	1.13087	1.13087	8.77E-05	0.464482	-2.15293	0.0182087	0.731488
cg11302624	RGS14	0.00199568	0.123668	0.512457	-1.95138	0.0403067	0.386837	-2.58507	0.00284541	0.19266	-5.1905	0.0190101	0.320327
cg19418648	RGS14	0.00373261	0.00534403	0.524515	-1.90652	0.00492025	1.92549	1.92549	0.021617	1.62429	1.62429	0.970096	0.993429
cg04466840	RGS14	0.00445779	0.00748873	0.0532181	-18.7906	0.0123215	0.0702587	-14.2331	0.0258955	0.105024	-9.52162	0.0543339	0.155603
cg25461508	RGS14	0.00657109	0.00556434	0.186165	-5.37159	0.0038634	0.165842	-6.02985	0.0220859	0.281673	-3.55021	0.0267168	0.29765
cg07086918	RGS14	0.00679239	0.0206963	0.228832	-4.37002	0.037806	0.279384	-3.57931	0.0168754	0.21369	-4.67968	0.0412333	0.287476
cg23417203	RGS14	0.00920177	0.213834	1.75084	1.75084	0.00114457	7.73786	7.73786	0.745831	1.14933	1.14933	0.0419735	2.72622
cg04175872	RGS14	0.00966486	0.0230775	2.13183	2.13183	0.401634	1.27017	1.27017	0.126752	0.631178	-1.58434	0.93877	0.978824
cg01800146	RGS14	0.0143768	0.810739	1.08312	1.08312	0.960737	0.983749	-1.01652	0.894176	1.04529	1.04529	0.0733122	1.94379
cg25367905	RGS14	0.0171571	?	?	?	0.00721891	15.6139	15.6139	0.0713416	0.26547	-3.7669	?	?
cg08176502	RGS14	0.0303817	0.648753	0.839732	-1.19086	0.670104	0.849402	-1.1773	0.684921	0.856091	-1.1681	0.288336	0.657142
cg01348086	RGS14	0.0322168	0.19248	0.671151	-1.48998	0.229548	1.43973	1.43973	0.653536	0.877562	-1.13952	0.172635	0.657324
cg14753321	RGS14;RGS14	0.000148072	0.000128486	0.0838163	-11.9309	0.000101756	0.0770473	-12.979	0.0123589	0.313549	-3.18929	0.00805973	0.282582
cg17654660	RGS14;RGS14	0.00357655	0.00514302	0.142012	-7.04165	0.00484072	0.138943	-7.19717	0.0932046	0.377046	-2.65219	0.0945105	0.378794
cg06875985	RGS16	3.88E-05	4.60E-05	0.267092	-3.74402	1.65E-06	0.126999	-7.87407	0.000110111	0.311193	-3.21344	0.638086	0.92196
cg01979352	RGS16	0.000707652	0.0585453	0.616423	-1.62226	9.43E-05	0.206913	-4.83295	0.000201274	0.243593	-4.10522	0.0568494	0.61388
cg03517466	RGS16	0.0050312	0.00481989	0.421883	-2.37033	0.00464751	0.41946	-2.38402	0.00488757	0.422813	-2.36511	0.00422534	0.41316
cg25591868	RGS16	0.0108991	0.00262325	0.259037	-3.86046	0.0115587	0.359149	-2.78436	0.140843	0.598316	-1.67136	0.00824554	0.334323
cg16824301	RGS16	0.0286568	0.103981	0.565557	-1.76817	0.00125975	0.221028	-4.52432	0.0136703	0.376149	-2.65852	0.441632	0.777592
cg06899237	RGS17	0.000826763	0.138838	0.733061	-1.36414	0.0367914	1.60442	1.60442	0.797187	0.951046	-1.05147	0.392179	0.842943
cg22862420	RGS17	0.00118084	0.0228974	0.716037	-1.39658	0.0114057	1.47487	1.47487	0.203683	1.17896	1.17896	0.31975	0.881468
cg12989544	RGS17	0.0020429	0.39165	0.873327	-1.14505	0.0860599	0.746229	-1.34007	0.00122214	0.481831	-2.07541	0.0529218	0.712135
cg17502989	RGS17	0.00404518	0.000535096	0.409909	-2.43957	0.223285	1.23588	1.23588	0.0170231	1.61859	1.61859	0.175701	1.2691
cg13178597	RGS17	0.00451158	0.228316	0.598594	-1.67058	0.892961	1.05616	1.05616	0.0764549	0.449392	-2.22523	0.0245026	0.337069
cg06080941	RGS17	0.0271993	0.0470919	0.666686	-1.49996	0.169303	0.770079	-1.29857	0.320788	0.832738	-1.20086	0.0901767	0.716625
cg19266578	RGS19;OPRL1;RGS19;OPRL1	0.042435	0.0195002	0.217867	-4.58996	0.659565	1.27032	1.27032	0.0816411	2.83369	2.83369	0.762599	0.849153
cg05207870	RGS19;RGS19	0.016322	0.632898	0.930863	-1.07427	0.78026	0.959217	-1.04252	0.761155	1.04643	1.04643	0.00473919	1.74802
cg10399899	RGS19;RGS19	0.0200302	0.00933141	0.503069	-1.9878	0.574108	1.1256	1.1256	0.516538	0.871937	-1.14687	0.430238	0.845564
cg18115660	RGS19;RGS19;OPRL1;OPRL1	0.000177652	0.0786076	1.46621	1.46621	0.687102	0.923743	-1.08255	2.40E-06	0.105961	-9.43742	0.479644	1.15116
cg02173268	RGS19;RGS19;OPRL1;OPRL1	0.0333073	0.449035	1.33206	1.33206	0.52817	1.26811	1.26811	0.953774	0.978685	-1.02178	0.819897	1.08845
cg26913977	RGS2	0.000289822	0.00705995	0.598844	-1.66988	0.00533321	1.71696	1.71696	0.747253	1.04877	1.04877	0.172092	0.807308
cg07914309	RGS2	0.00852604	0.0646158	2.93588	2.93588	?	?	?	0.00363143	0.0742449	-13.4689	0.202788	1.91077

Probeset ID	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)
cg03315935	-8.68878	0.314602	0.586369	-1.70541	0.237494	1.88745	1.88745	0.00130698	0.0905046	-11.0492	0.945313	0.9654	-1.03584	0.569462	0.744449
cg26096338	1.01198	0.00412536	0.256987	-3.89124	0.00965253	0.31447	-3.17995	0.00332022	0.243595	-4.10518	0.864988	1.06195	1.06195	0.0533486	0.460597
cg04646205	-1.08634	0.509432	0.936468	-1.06784	0.0731354	1.21655	1.21655	0.68016	1.0415	1.0415	0.0206319	1.31446	1.31446	0.449027	0.927124
cg15549761	-1.13119	0.179625	0.846289	-1.18163	0.184757	1.17905	1.17905	0.0132094	0.697892	-1.43289	0.894972	0.984653	-1.01559	0.250605	1.15093
cg04442746	1.291	0.494257	0.844049	-1.18477	0.276526	1.31845	1.31845	0.00489319	0.40216	-2.48657	0.0306373	0.537773	-1.85952	0.285901	0.762842
cg12148899	-2.01616	0.00848831	0.288713	-3.46365	0.0506143	0.445651	-2.24391	0.0108948	0.307716	-3.24975	0.577004	0.818236	-1.22214	0.479933	1.29162
cg08367801	-1.20743	0.0580045	0.280873	-3.56032	0.0572505	0.279523	-3.57752	0.00575263	0.117085	-8.54077	0.00671738	0.124548	-8.02902	0.158045	0.408855
cg06376395	-1.01132	0.71075	1.05796	1.05796	0.258492	0.836664	-1.19522	0.0578301	0.72296	-1.3832	0.163389	1.25233	1.25233	0.279283	1.18547
cg21236845	1.54304	0.00321649	0.301175	-3.32033	0.910673	0.967058	-1.03406	0.199419	1.4988	1.4988	0.756879	0.911479	-1.09712	0.0946441	0.577928
cg06472116	-1.04635	0.00515368	0.558673	-1.78996	0.0262199	0.659939	-1.51529	0.867265	1.02671	1.02671	0.813059	0.963352	-1.03804	3.12E-05	3.59772
cg06137651	-3.63762	0.00123098	0.174856	-5.71899	0.300063	0.672826	-1.48627	3.65E-05	0.0532415	-18.7824	0.902757	0.955899	-1.04614	0.00324647	0.227363
cg09625066	1.0098	0.00916084	0.412774	-2.42263	0.0167619	0.458162	-2.18264	0.560575	1.17039	1.17039	0.013135	0.439441	-2.27562	0.000110198	6.16982
cg03139204	1.13991	0.34418	0.684166	-1.46163	0.00341997	0.212384	-4.70846	0.395416	1.40359	1.40359	0.558962	0.794376	-1.25885	6.20E-05	17.7461
cg00926894	1.29218	0.0504736	0.301129	-3.32084	0.229599	0.507265	-1.97136	0.363567	1.65324	1.65324	0.0942843	2.6922	2.6922	0.00499498	7.39155
cg21049587	-2.1977	0.0549269	0.285126	-3.50722	0.528021	0.691727	-1.44566	0.0132102	5.87546	5.87546	0.223309	2.09095	2.09095	0.014576	5.6654
cg22256180	-2.04324	0.00330578	0.238479	-4.19324	0.469827	1.30137	1.30137	0.352416	0.709773	-1.4089	0.840082	0.930176	-1.07507	0.051117	0.451227
cg07654896	1.12881	0.249192	0.5755	-1.73762	0.530659	0.747237	-1.33826	0.28032	1.67335	1.67335	0.806468	0.893507	-1.11918	0.000490634	12.2428
cg20417500	-1.19783	6.84E-06	0.0989911	-10.1019	0.148873	0.698449	-1.43174	2.03E-05	0.135636	-7.37268	0.0304155	1.80364	1.80364	0.549782	0.869109
cg07211251	1.39506	4.04E-05	0.243911	-4.09985	0.00348205	0.489794	-2.04167	0.000618288	0.387265	-2.58221	0.00613204	1.90372	1.90372	0.00246583	0.468639
cg24896460	-1.70263	0.000292304	0.15075	-6.63351	0.105373	0.567201	-1.76304	2.30E-05	0.0662105	-15.1033	0.00283773	0.267918	-3.73249	0.00100571	0.209174
cg17792315	-1.74748	0.010371	1.38246	1.38246	0.0302502	0.774476	-1.2912	0.00118513	0.620648	-1.61122	0.00385785	0.676673	-1.47782	0.338337	0.905733
cg11212511	-1.03032	1.13E-05	0.0773076	-12.9353	0.00113235	0.268708	-3.72151	0.0497955	0.541236	-1.84762	0.302372	1.34061	1.34061	0.0962389	0.605855
cg12827601	-1.59401	0.000650734	0.209565	-4.77179	0.00790918	0.361236	-2.76827	0.000234031	0.161411	-6.19536	0.0153662	2.43321	2.43321	0.0559762	0.523543
cg19904318	-1.61167	0.00118535	0.180756	-5.53233	0.0191409	0.360594	-2.7732	0.000388175	0.130599	-7.65701	0.494869	1.28321	1.28321	0.26564	0.658801
cg25000900	-2.21684	0.0261791	0.364844	-2.7409	0.078949	0.474441	-2.10774	0.00161215	0.17758	-5.63126	0.215232	1.64641	1.64641	0.0254838	0.362499
cg26556008	-1.30563	0.323837	1.20884	1.20884	0.00288652	2.14398	2.14398	0.191263	1.29375	1.29375	0.45861	0.868949	-1.15082	0.653501	1.08775
cg26618668	-1.02332	0.0858916	3.21066	3.21066	0.0624424	0.275607	-3.62835	?	?	?	0.407531	1.68318	1.68318	0.764011	1.20327
cg04720348	-1.09898	0.0295567	0.429574	-2.32789	0.479799	0.789068	-1.26732	0.165843	1.62802	1.62802	0.152239	0.603035	-1.65828	0.0341856	0.442622
cg23243652	1.12296	0.00263963	0.442596	-2.2594	0.898767	0.975377	-1.02524	0.135898	0.729946	-1.36996	0.185682	1.31638	1.31638	0.0098061	0.527534
cg11781564	1.0969	0.878594	0.96534	-1.0359	0.397826	0.81891	-1.22114	0.0323377	1.78301	1.78301	0.767172	0.933777	-1.07092	0.120616	0.678082
cg23209962	-1.87105	0.0402303	0.372938	-2.68141	0.0977828	0.469561	-2.12965	0.00656354	0.230083	-4.34626	0.717045	1.16354	1.16354	0.186359	0.558215
cg04480106	1.16486	0.0325755	0.321675	-3.10873	0.861098	0.923658	-1.08265	0.00198523	0.138003	-7.24619	0.987992	1.00685	1.00685	0.0598578	0.381837
cg03628682	1.13251	0.0328462	1.3691	1.3691	0.724734	1.0455	1.0455	0.272007	1.15477	1.15477	0.388233	1.11772	1.11772	0.360098	1.12571
cg23956565	-2.29971	0.0073179	0.165886	-6.02825	0.282498	0.5598	-1.78635	0.00785321	0.169975	-5.88323	0.680517	0.806465	-1.23998	0.073752	0.355033
cg14509084	1.17647	0.453369	0.924397	-1.08179	0.822308	0.977116	-1.02342	0.313524	0.898271	-1.11325	0.0360533	1.28524	1.28524	0.572768	0.943034
cg14037246	1.0512	0.0438733	0.545209	-1.83416	0.959557	1.01337	1.01337	0.0262959	0.501516	-1.99396	0.986269	0.995503	-1.00452	0.0025942	0.335203
cg14012249	-2.74003	0.152172	0.640456	-1.56139	0.771486	0.918885	-1.08828	7.47E-05	0.123768	-8.07964	0.950971	0.982297	-1.01802	0.25262	0.706725
cg13439902	-1.59365	0.00207996	0.448371	-2.2303	0.0153562	0.576548	-1.73446	0.0066641	0.521204	-1.91863	0.606579	1.10092	1.10092	0.00873296	0.538806
cg21752357	1.01827	0.386284	1.09864	1.09864	0.718585	1.03907	1.03907	0.299997	0.892471	-1.12048	0.559007	0.939333	-1.06459	0.185786	1.1602
cg22324393	-3.12183	0.073049	0.670944	-1.49044	0.136329	0.725883	-1.37763	0.121996	0.71564	-1.39735	0.0025993	0.434826	-2.29977	0.0879058	0.686636
cg23601035	1.09772	0.0332442	1.26632	1.26632	0.114881	0.849883	-1.17663	0.00262442	1.48465	1.48465	0.00101802	1.58764	1.58764	0.234704	1.12544
cg16408232	-1.82719	0.000910817	0.263623	-3.7933	0.0181098	0.462269	-2.16324	0.0166176	0.455527	-2.19526	0.161463	0.66899	-1.49479	0.00739251	0.395422
cg16821904	1.21165	0.049228	1.9789	1.9789	0.693681	0.886597	-1.12791	0.0433814	2.0267	2.0267	0.0313134	2.15562	2.15562	0.209889	1.49452
cg26563141	1.06308	0.132632	0.823535	-1.21428	0.58519	1.06817	1.06817	0.000666549	1.86487	1.86487	0.0612745	0.777005	-1.28699	0.693369	1.04856
cg18098774	1.77778	0.0314788	0.750445	-1.33254	0.0037716	0.640921	-1.56025	0.583658	0.938958	-1.06501	0.0973162	0.812972	-1.23005	0.0175919	0.719841
cg07565404	1.01475	0.3657	1.17787	1.17787	0.0283251	0.633817	-1.57774	0.00097083	2.37448	2.37448	0.161333	0.768366	-1.30146	0.432027	0.86827
cg18625006	-1.92517	0.00593063	0.316517	-3.15939	0.0824274	0.540665	-1.84957	0.239777	0.674707	-1.48212	0.057863	0.503859	-1.98468	0.0461766	0.481792
cg01763990	-1.0019	0.837546	1.02388	1.02388	0.532115	1.07545	1.07545	0.0107082	1.44582	1.44582	0.52656	0.928901	-1.07654	0.768432	0.966634
cg23609528	-1.57082	0.00596579	0.512198	-1.95237	0.667571	0.922734	-1.08374	0.0412403	0.645172	-1.54997	0.413077	0.855782	-1.16852	0.0491252	1.51895
cg24729792	-1.27842	1.89E-05	0.289684	-3.45204	0.425539	0.890586	-1.12286	0.00156857	1.9095	1.9095	0.672497	1.06242	1.06242	0.100809	1.29167
cg24921240	-2.33201	0.00765892	0.253167	-3.94997	0.10345	0.489813	-2.0416	0.011685	0.282867	-3.53523	0.519251	0.769632	-1.29932	0.0256878	0.345773
cg14856914	1.39207	0.114795	0.694133	-1.44065	0.213452	0.756613	-1.32168	0.00104455	0.355938	-2.80948	0.907709	0.975613	-1.025	0.699894	1.08595
cg02698580	-1.00067	0.0839417	0.454262	-2.20137	0.0235047	3.05376	3.05376	0.00151739	6.5831	6.5831	0.0313271	2.83537	2.83537	0.305076	1.54994
cg17763354	5.48169	0.844752	1.21689	1.21689	0.0486575	9.53332	9.53332	0.0054203	39.0279	39.0279	0.0227856	15.3109	15.3109	0.081781	6.8974
cg06357908	-2.15681	0.00244307	0.355797	-2.81059	0.0102296	0.452323	-2.21081	0.0133761	0.471988	-2.1187	0.310425	1.29331	1.29331	0.243501	0.741515
cg22360028	1.28811	0.274665	0.869234	-1.15044	0.457306	0.910891	-1.09783	0.0131834	1.46069	1.46069	0.008032	1.52007	1.52007	0.17904	0.838614
cg17527393	-1.79193	0.690469	1.03987	1.03987	0.027306	1.29058	1.29058	0.0642921	1.22514	1.22514	0.530273	1.06407	1.06407	0.01541	0.74797
cg00291478	-1.47182	0.701907	0.925124	-1.08094	0.876045	1.03209	1.03209	0.00217702	2.38762	2.38762	0.658422	1.09422	1.09422	0.105689	0.6993
cg20445950	-1.37013	0.855586	1.0259	1.0259	0.875968	0.978316	-1.02216	0.0771163	0.758918	-1.31766	0.181044	0.819291	-1.22057	0.170221	0.814633
cg04041960	6.1433	0.0307054	10.8849	10.8849	0.0394053	9.40539	9.40539	0.00719154	26.1354	26.1354	0.0202586	13.9129	13.9129	0.0377916	9.63819
cg03541338	5.56574	0.144102	5.65225	5.65225	0.0417046	13.3476	13.3476	0.00401104	71.3399	71.3399	0.0191386	22.8603	22.8603	0.0701474	9.34309
cg10292430	-3.64839	5.90E-05	0.0739704	-13.5189	0.167374	1.67441	1.67441	0.198247	1.60998	1.60998	0.126708	1.78349	1.78349	0.532141	0.801214
cg04671206	1.00156	0.00033786	0.723723	-1.38174	0.14573	0.916294	-1.09135	0.218297	1.07516	1.07516	0.214394	0.929456	-1.0759	0.226753	0.931435
cg17804342	1.45595	0.00897443	0.352562	-2.83638	0.908567	0.964598	-1.0367	0.155983	0.621151	-1.60991	0.0178436	2.46801	2.46801	0.626637	1.16626
cg00644351	-3.25182	0.00318497	0.125027	-7.99825	0.0213357	0.23974	-4.17119	0.021719	0.241133	-4.14709	0.219373	1.94794	1.94794	0.839408	1.11043
cg16596052	-1.73978	0.0572041	0.347442	-2.87818	0.0161779	0.235611	-4.24429	0.158451	0.476743	-2.09757	0.0579594	2.86667	2.86667	0.426079	1.49085
cg04182483	-1.51387	0.00888467	0.190115	-5.25999	0.13374	0.446473	-2.23978	0.0372134	0.299435	-3.33962	0.476352	1.43486	1.43486	0.462291	0.688607
cg11749490	-2.61235	0.0139342	0.435488	-2.29628	0.127886	1.56908	1.56908	0.0403771	1.91176	1.91176	0.63048	1.14185	1.14185	0.851374	0.949961
cg02410200	1.61116	0.418131	1.29259	1.29259	9.70E-05	8.5841	8.5841	1.50E-06	43.8861	43.8861	0.062094	0.521232	-1.91853	0.00954557	2.76833
cg27040030	2.67802	0.0852894	1.9112	1.9112	0.0771307	1.95259	1.95259	3.89E-05	14.623	14.623	0.232798	0.653118	-1.53112	0.00494503	3.55134
cg07430849	1.27859	0.00073632	0.496966	-2.01221	0.383113	0.885194	-1.1297	0.615666	1.07145	1.07145	0.0833857	0.770035	-1.29864	0.0574699	1.34039
cg03390211	-1.20916	0.450981	0.879463	-1.13706	0.916973	0.982712	-1.01759	0.207677	1.24881	1.24881	0.0217331	0.630826	-1.58522	0.892859	0.977715
cg21570811	-2.64517	0.000392257	0.119246	-8.38601	0.00297224	0.215546	-4.63939	0.00103312	0.160442	-6.23278	0.639959	0.837492	-1.19404	0.0071979	0.270939
cg11373356	1.15097	0.000726866	0.660705	-1.51353	0.33774	0.923386	-1.08297	0.00535963	1.34418	1.34418	0.0641157	0.845521	-1.1827	0.00483786	0.739772
cg17066954	1.17334	0.845624	0.981368	-1.01899	0.0899692	1.1976	1.1976	0.000465325	0.58795	-1.70082	0.849821	0.981877	-1.01846	0.119409	0.849553
cg27217742	-1.08875	0.0550109	0.724345	-1.38056	0.00653644	1.68828	1.68828	0.122803	1.28123	1.28123	0.15029	1.25678	1.25678	0.0885416	0.756924
cg14827643	-1.30454	0.604046	0.891563	-1.12163	0.452275	1.18293	1.18293	0.00382122	2.35281	2.35281	0.532071	0.870355	-1.14896	0.227283	0.757234
cg05297308	-1.90325	0.000977233	0.183163	-5.45963	0.0218728	0.385929	-2.59115	0.316519	1.43104	1.43104	0.348563	0.716045	-1.39656	0.0662781	0.490197
cg19670885	-2.40187	0.00122359	0.0941799	-10.618	0.051707	0.33092	-3.02188	0.00642209	0.170224	-5.87461	0.0920635	0.396063	-2.52485	0.232187	0.534841
cg24015175	-1.07096	0.00962707	0.510649	-1.95829	0.0193996	0.560064	-1.78551	0.646197	1.09943	1.09943	0.353605	1.21621	1.21621	0.1829	1.33623
cg12030215	-1.29047	0.546591	0.918101	-1.08921	0.0390794	0.71572	-1.39719	0.00782188	1.61302	1.61302	0.939309	1.01072	1.01072	0.424556	0.892064
cg07526905	-1.39243	0.0472252	0.327626	-3.05226	0.329358	0.609731	-1.64007	0.0105918	0.205994	-4.85452	0.96834	1.0197	1.0197	0.101796	0.414671
cg03971808	1.08436	0.0112063	0.349613	-2.86031	0.53132	1.23329	1.23329	0.410971	1.32051	1.32051	0.257025	1.47874	1.47874	0.538496	0.813879
cg09735869	1.11323	0.99443	1.0013	1.0013	0.615771	0.909993	-1.09891	0.25214	1.2498	1.2498	0.160608	1.3223	1.3223	0.122196	0.731802
cg24911905	-1.25325	0.0107698	0.704181	-1.42009	0.697763	1.04365	1.04365	0.574131	0.939734	-1.06413	0.0370928	1.3034	1.3034	0.0189947	0.732795
cg14583973	-1.5462	0.788011	0.93552	-1.06892	0.00036667	4.10147	4.10147	0.000178488	0.208044	-4.80667	0.462516	0.83114	-1.20317	0.0285183	1.89486
cg26686647	2.18933	0.0844037	0.778746	-1.28411	0.0667915	1.30894	1.30894	0.105206	0.793023	-1.261	1.01E-05	3.45956	3.45956	0.000132848	2.38208
cg08847300	-2.10504	0.0132914	0.772073	-1.29521	0.0240969	1.2546	1.2546	0.00128995	1.48507	1.48507	0.479941	1.06242	1.06242	0.861028	0.985333
cg21483092	2.20698	0.0579065	1.41156	1.41156	0.240531	0.82073	-1.21843	0.939188	1.01234	1.01234	0.943922	0.988753	-1.01137	0.000235153	2.66523
cg03882270	1.55513	0.000253044	0.310795	-3.21756	0.00285493	2.21533	2.21533	0.286633	0.807035	-1.2391	0.0982883	1.42095	1.42095	0.348948	0.829589
cg26785604	3.12634	0.499882	0.761119	-1.31385	0.226253	1.65937	1.65937	0.0494903	2.44338	2.44338	0.00274712	5.19231	5.19231	0.0196923	3.07361
cg20495365	1.48975	0.02892	0.486763	-2.05439	0.27182	0.72633	-1.37678	0.00110256	0.26063	-3.83686	0.00298782	0.320306	-3.12201	0.660695	1.13142
cg22655196	1.00368	0.0131177	0.600652	-1.66486	0.00322829	1.94606	1.94606	0.00986108	0.582512	-1.7167	0.213732	0.804979	-1.24227	0.104815	1.34142
cg17276535	1.41154	0.158208	0.676863	-1.4774	0.147563	0.668982	-1.49481	0.0563285	0.571732	-1.74907	0.0885737	0.615058	-1.62586	0.049648	1.78491
cg12995330	-1.22288	0.442474	1.09509	1.09509	0.74316	0.962578	-1.03888	0.0124668	0.697237	-1.43423	0.0633139	0.784869	-1.2741	0.0187513	0.718659
cg15111822	-1.2979	0.0203926	0.557383	-1.7941	0.0129053	0.5244	-1.90694	0.011241	1.94287	1.94287	0.614133	1.11217	1.11217	0.270415	1.27121
cg21601032	1.33745	0.389572	0.857581	-1.16607	0.0156389	1.676	1.676	0.00123848	0.439257	-2.27657	0.480872	0.882623	-1.13299	0.569038	0.904573
cg01085866	-1.31031	0.0573696	1.35884	1.35884	0.035644	0.70553	-1.41737	0.18964	1.21917	1.21917	0.29197	0.855591	-1.16878	0.538371	1.09293
cg02547426	-1.0226	0.0735903	0.35152	-2.84479	0.401104	0.637332	-1.56904	0.0210056	0.23335	-4.2854	0.0234984	0.242148	-4.1297	0.767222	0.855912
cg08869674	1.00771	0.184919	0.810603	-1.23365	0.214737	1.21536	1.21536	0.00171977	1.95051	1.95051	0.134077	0.785618	-1.27288	0.232964	1.20535
cg05154546	1.10375	0.139203	0.429278	-2.32949	0.291826	0.559254	-1.78809	0.00992511	0.177176	-5.6441	0.0192216	0.222018	-4.50413	0.548314	0.724155
cg08403043	3.29427	0.512859	0.73438	-1.36169	0.076733	2.49864	2.49864	0.0823841	2.44751	2.44751	0.44722	1.43385	1.43385	0.22724	1.80344
cg01557907	1.49852	0.0257919	0.43902	-2.2778	0.736822	0.900429	-1.11058	0.17482	0.638416	-1.56638	0.854511	0.944521	-1.05874	0.143443	0.61331
cg23714660	-1.25163	0.594898	1.10422	1.10422	0.0966282	0.713956	-1.40065	0.047716	1.51928	1.51928	0.352661	1.19324	1.19324	0.0274623	1.61894
cg18352616	-1.46928	0.0277764	0.317975	-3.1449	0.752913	1.14926	1.14926	0.00292556	0.165166	-6.05452	0.146095	0.502894	-1.98849	0.729159	1.16547
cg09921821	-1.71969	0.942126	0.982546	-1.01776	0.357838	0.79507	-1.25775	9.61E-05	0.185801	-5.38211	0.993199	0.997935	-1.00207	0.537757	0.859574
cg24466927	1.34564	0.460327	0.811815	-1.23181	0.285879	0.735352	-1.35989	0.0108455	2.42864	2.42864	0.444632	1.24126	1.24126	0.300302	0.742529
cg08932474	-1.2874	8.80E-05	0.205993	-4.85453	0.000869028	0.32524	-3.07465	0.100496	1.4985	1.4985	0.962457	1.01064	1.01064	0.115052	0.680312
cg09978023	-1.56008	0.00254632	0.270872	-3.69178	0.00045562	0.178592	-5.59936	0.113035	1.71262	1.71262	0.830857	1.069	1.069	0.0358709	0.466931
cg07178206	-1.16391	0.0237848	0.696123	-1.43653	0.682793	0.946333	-1.05671	0.250253	1.17503	1.17503	0.722384	1.04906	1.04906	0.702071	0.94971
cg01567482	-1.36708	0.13779	0.840041	-1.19042	0.0104863	1.42096	1.42096	1.78E-05	0.384176	-2.60297	0.364985	0.903458	-1.10686	0.0075991	0.687686
cg11302624	-3.12181	0.000591166	0.119145	-8.39313	0.0436287	0.394543	-2.53458	0.000318413	0.0966205	-10.3498	0.00138161	0.155758	-6.42022	0.0266207	0.348738
cg19418648	-1.00661	0.402022	0.859993	-1.1628	0.000970869	0.421748	-2.37108	0.360555	1.17975	1.17975	0.919808	1.01787	1.01787	0.523018	1.12057
cg04466840	-6.42662	0.00385228	0.0362168	-27.6115	0.146521	0.265032	-3.77314	0.000579424	0.0107234	-93.2537	0.00273287	0.0294674	-33.9358	0.013547	0.0740121
cg25461508	-3.35965	0.00552183	0.185718	-5.3845	0.524419	0.74247	-1.34686	0.0020076	0.133667	-7.48127	0.0179802	0.265267	-3.76978	0.0125943	0.2388
cg07086918	-3.47855	0.00343965	0.122022	-8.19526	0.104121	0.390373	-2.56165	0.000767806	0.0673976	-14.8373	0.00749153	0.161639	-6.18662	0.0130345	0.195787
cg23417203	2.72622	0.378583	0.679385	-1.47192	0.777753	1.12872	1.12872	0.0723133	0.423914	-2.35897	0.383643	1.46561	1.46561	0.00267611	5.90878
cg04175872	-1.02163	0.0015079	0.279788	-3.57414	0.830035	0.941869	-1.06172	0.0197073	0.45625	-2.19178	0.0230157	0.468859	-2.13284	0.269648	1.37747
cg01800146	1.94379	0.0968744	0.545251	-1.83402	0.241066	1.50448	1.50448	0.944895	0.977257	-1.02327	0.595597	0.836713	-1.19515	0.000335781	6.85235
cg25367905	?	?	?	?	0.229044	0.462295	-2.16312	0.730057	1.22302	1.22302	?	?	?	0.0177878	0.12095
cg08176502	-1.52174	0.24944	0.632241	-1.58167	0.255773	0.636436	-1.57125	0.343385	1.45032	1.45032	0.000465967	0.122917	-8.13555	0.334359	0.684386
cg01348086	-1.52132	0.419091	0.787682	-1.26955	0.393476	0.776713	-1.28748	0.249976	0.706427	-1.41558	0.000654214	0.220903	-4.52688	0.23574	0.698235
cg14753321	-3.5388	5.74E-05	0.0620655	-16.112	0.0229031	0.362928	-2.75537	4.77E-05	0.057727	-17.3229	0.00166785	0.187427	-5.33541	0.00293302	0.218385
cg17654660	-2.63996	0.00106253	0.0776209	-12.8831	0.0656052	0.335759	-2.97833	0.000451334	0.0538788	-18.5602	0.0291999	0.257365	-3.88553	0.0106236	0.183249
cg06875985	-1.08465	0.0357525	0.657672	-1.52051	0.00457012	0.523295	-1.91097	0.964767	0.992453	-1.0076	0.952429	0.989821	-1.01028	0.000528505	0.396197
cg01979352	-1.62898	0.222344	0.748006	-1.33689	0.029616	0.560032	-1.78561	0.0128684	0.496961	-2.01223	0.745664	0.928966	-1.07647	0.000235722	0.251613
cg03517466	-2.42037	0.000748205	0.307121	-3.25604	0.368163	0.807899	-1.23778	0.616394	0.889974	-1.12363	0.0542091	0.60398	-1.65568	0.0841586	0.64342
cg25591868	-2.99112	0.00170224	0.233833	-4.27656	0.419507	0.765318	-1.30665	0.403112	0.757719	-1.31975	0.0279734	0.430867	-2.3209	0.0980641	0.555194
cg16824301	-1.28602	0.211327	0.655607	-1.52531	0.725914	0.893291	-1.11946	0.224846	1.50491	1.50491	0.433714	0.774052	-1.2919	0.389722	0.753829
cg06899237	-1.18632	0.00226747	0.43501	-2.2988	0.562268	0.892087	-1.12097	0.452726	0.861489	-1.16078	4.66E-05	4.47197	4.47197	0.0255424	0.596213
cg22862420	-1.13447	0.000607258	0.522865	-1.91254	0.10857	1.23959	1.23959	0.00116287	1.79544	1.79544	0.00946581	0.667993	-1.49702	0.455845	1.09768
cg12989544	-1.40423	0.167253	1.25509	1.25509	0.973871	1.00507	1.00507	0.000946839	2.13969	2.13969	0.125366	0.774147	-1.29174	0.00297346	0.533083
cg17502989	1.2691	0.988606	0.997639	-1.00237	0.0355393	0.666954	-1.49935	0.00567306	0.548481	-1.82322	0.423268	1.14496	1.14496	0.815985	0.962153
cg13178597	-2.96675	0.000421187	0.103503	-9.66154	0.00897901	0.259624	-3.85172	0.00122172	0.146565	-6.82291	0.921615	0.960842	-1.04075	0.0191925	0.316655
cg06080941	-1.39543	0.00402228	0.501826	-1.99272	0.277394	0.817457	-1.22331	0.0392633	1.53049	1.53049	0.207623	0.788923	-1.26755	0.0338824	0.642783
cg19266578	-1.17764	0.0146425	0.197451	-5.06454	0.844481	1.11183	1.11183	0.0174461	0.209725	-4.76815	0.799979	0.87194	-1.14687	0.26037	0.53066
cg05207870	1.74802	0.19363	0.814829	-1.22725	0.0587022	0.727664	-1.37426	0.00231952	1.88397	1.88397	0.418787	1.13088	1.13088	0.874034	1.0239
cg10399899	-1.18264	0.00918508	0.501984	-1.9921	0.0022407	0.409991	-2.43908	0.024918	0.573454	-1.74382	0.266798	0.7858	-1.27259	0.228797	0.768628
cg18115660	1.15116	0.00554626	0.489749	-2.04186	0.38507	1.19059	1.19059	0.256424	1.26119	1.26119	0.707378	0.928791	-1.07667	0.268273	0.797808
cg02173268	1.08845	0.908352	0.958102	-1.04373	0.687232	0.860341	-1.16233	0.000508395	0.132866	-7.52637	0.377178	0.714056	-1.40045	0.601151	0.821987
cg26913977	-1.23869	0.716572	0.947724	-1.05516	0.167681	1.2418	1.2418	0.150751	0.797091	-1.25456	1.40E-05	3.798	3.798	0.00173063	1.93118
cg07914309	1.91077	?	?	?	?	?	?	?	?	?	?	?	?	?	?

Probeset ID	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03315935	-1.34328	5.58263	23.2973	3.7095	1
cg26096338	-2.17109	4.80082	9.48589	1.75634	1
cg04646205	-1.0786	4.30241	0.655526	0.135433	1
cg15549761	1.15093	4.29695	0.933119	0.19303	1
cg04442746	-1.31089	4.28929	4.05279	0.839879	1
cg12148899	1.29162	4.54819	8.90975	1.52364	1
cg08367801	-2.44586	3.95868	22.0178	4.94391	1
cg06376395	1.18547	3.84385	1.39281	0.322086	1
cg21236845	-1.73032	3.42377	4.83069	1.25415	1
cg06472116	3.59772	12.4403	4.89404	0.349691	1
cg06137651	-4.39826	12.3177	26.5626	1.91686	1
cg09625066	6.16982	11.657	13.1974	1.00635	1
cg03139204	17.7461	9.87689	23.7354	2.13611	1
cg00926894	7.39155	3.91612	17.9791	4.08093	1
cg21049587	5.6654	3.75776	19.7784	4.67853	1
cg22256180	-2.21618	3.73773	7.5973	1.80676	1
cg07654896	12.2428	5.50792	18.3583	2.96273	1
cg20417500	-1.1506	25.8748	22.0234	0.75658	1
cg07211251	-2.13384	17.9817	9.22953	0.456243	1
cg24896460	-4.78071	16.5177	26.8711	1.44605	1
cg17792315	-1.10408	13.993	2.23026	0.141675	1
cg11212511	-1.65056	13.5442	16.1463	1.05967	1
cg12827601	-1.91006	13.4874	19.0862	1.25788	1
cg19904318	-1.51791	8.04934	16.501	1.82221	1
cg25000900	-2.75863	7.33257	16.9657	2.05666	1
cg26556008	1.08775	7.28211	3.99585	0.487752	1
cg26618668	1.20327	5.96512	31.7191	5.31743	1
cg04720348	-2.25926	5.62513	9.68978	1.53119	1
cg23243652	-1.89561	3.98336	2.42061	0.540161	1
cg11781564	-1.47475	3.90716	3.29545	0.749723	1
cg23209962	-1.79142	3.85005	10.5606	2.43821	1
cg04480106	-2.61892	3.73758	12.1704	2.89442	1
cg03628682	1.12571	3.64792	0.915058	0.222972	1
cg23956565	-2.81664	3.46882	14.8274	3.79955	1
cg14509084	-1.06041	3.49256	0.585921	0.149122	1
cg14037246	-2.98327	5.77977	6.27808	0.965527	1
cg14012249	-1.41498	7.49037	10.0102	1.18792	1
cg13439902	-1.85595	5.81594	3.15575	0.482314	1
cg21752357	1.1602	5.35268	0.951028	0.157932	1
cg22324393	-1.45638	7.59014	4.78954	0.560908	1
cg23601035	1.12544	6.65851	0.94919	0.126714	1
cg16408232	-2.52894	5.47089	6.26205	1.01743	1
cg16821904	1.49452	3.44917	5.05052	1.30158	1
cg26563141	1.04856	10.932	2.47862	0.201538	1
cg18098774	-1.3892	8.13085	1.66767	0.182315	1
cg07565404	-1.15172	4.94298	2.42911	0.436823	1
cg18625006	-2.07559	3.39032	5.48661	1.43851	1
cg01763990	-1.03452	4.1325	0.864668	0.185988	1
cg23609528	1.51895	3.97895	2.18284	0.487643	1
cg24729792	1.29167	15.9402	5.11943	0.285481	1
cg24921240	-2.89207	4.22958	10.759	2.26112	1
cg14856914	1.08595	5.88694	4.22559	0.638036	1
cg02698580	1.54994	5.42147	14.6184	2.3968	1
cg17763354	6.8974	3.39138	53.847	14.1134	1
cg06357908	-1.34859	5.99748	5.70457	0.845477	1
cg22360028	-1.19244	5.62054	1.35335	0.214032	1
cg17527393	-1.33695	8.31309	1.25615	0.134316	1
cg00291478	-1.43	5.40861	3.50833	0.576584	1
cg20445950	-1.22755	4.96597	1.54937	0.277332	1
cg04041960	9.63819	3.71734	52.082	12.4538	1
cg03541338	9.34309	3.52243	67.966	17.1513	1
cg10292430	-1.24811	9.63558	18.7191	1.72685	1
cg04671206	-1.07361	7.41357	0.367779	0.0440968	1
cg17804342	1.16626	5.76265	8.98297	1.38562	1
cg00644351	1.11043	4.99713	21.092	3.75184	1
cg16596052	1.49085	4.02469	15.3899	3.399	1
cg04182483	-1.45221	3.93911	15.5088	3.49967	1
cg11749490	-1.05267	4.30283	5.10432	1.05446	1
cg02410200	2.76833	30.0401	45.7793	1.35461	1
cg27040030	3.55134	10.7223	19.6864	1.63202	1
cg07430849	1.34039	5.95782	1.75422	0.261725	1
cg03390211	-1.02279	4.95737	2.1959	0.39374	1
cg21570811	-3.69087	10.7592	24.1471	1.99496	1
cg11373356	-1.35177	10.4116	1.07264	0.0915766	1
cg17066954	-1.17709	9.35708	1.37958	0.131055	1
cg27217742	-1.32114	6.51697	2.26749	0.309276	1
cg14827643	-1.32059	5.29631	4.03739	0.677603	1
cg05297308	-2.04	4.75214	9.01586	1.68642	1
cg19670885	-1.86971	4.63211	18.2998	3.51168	1
cg24015175	1.33623	4.40486	2.93429	0.592131	1
cg12030215	-1.121	3.99215	1.2402	0.276142	1
cg07526905	-2.41155	3.69634	14.1402	3.4004	1
cg03971808	-1.22868	3.64165	6.30702	1.53948	1
cg09735869	-1.36649	3.6091	1.98602	0.489138	1
cg24911905	-1.36464	36.7727	6.97911	0.168703	1
cg14583973	1.89486	22.1661	21.471	0.861014	1
cg26686647	2.38208	21.4394	5.82693	0.241587	1
cg08847300	-1.01489	16.5621	1.86496	0.100093	1
cg21483092	2.66523	11.121	4.55301	0.363918	1
cg03882270	-1.20542	10.3236	6.13805	0.528501	1
cg26785604	3.07361	7.37667	18.56	2.23648	1
cg20495365	1.13142	7.23195	8.94952	1.1	1
cg22655196	1.34142	6.78294	2.94963	0.386542	1
cg17276535	1.78491	6.66559	7.06574	0.942251	1
cg12995330	-1.39148	5.67234	1.20872	0.189414	1
cg15111822	1.27121	5.0044	3.46603	0.615642	1
cg21601032	-1.10549	4.96667	2.38849	0.427471	1
cg01085866	1.09293	4.64333	1.49626	0.286435	1
cg02547426	-1.16834	3.93538	17.1229	3.86756	1
cg08869674	1.20535	3.90388	1.37888	0.313962	1
cg05154546	-1.38092	3.7509	16.7715	3.97452	1
cg08403043	1.80344	3.74129	12.8224	3.04645	1
cg01557907	-1.6305	3.7302	5.07785	1.36128	1
cg23714660	1.61894	3.50261	1.89295	0.480391	1
cg18352616	1.16547	3.44961	10.6027	2.73208	1
cg09921821	-1.16337	6.48666	6.04251	0.828025	1
cg24466927	-1.34675	4.85756	5.91806	1.08295	1
cg08932474	-1.46991	9.48194	7.5891	0.711444	1
cg09978023	-2.14164	6.67688	10.29	1.3699	1
cg07178206	-1.05295	4.99143	1.42478	0.253729	1
cg01567482	-1.45415	18.0449	3.39976	0.167472	1
cg11302624	-2.86749	9.64797	24.5616	2.26291	1
cg19418648	1.12057	8.01765	3.92711	0.435385	1
cg04466840	-13.5113	7.59942	87.3825	10.221	1
cg25461508	-4.18761	6.74655	22.7679	2.99977	1
cg07086918	-5.10759	6.67745	29.6394	3.94554	1
cg23417203	5.90878	6.06949	17.602	2.57785	1
cg04175872	1.37747	5.97533	7.34523	1.09268	1
cg01800146	6.85235	5.25377	9.21652	1.55935	1
cg25367905	-8.26791	11.5598	29.6603	2.05266	1
cg08176502	-1.46116	4.06851	9.34833	2.04242	1
cg01348086	-1.43218	3.98423	5.27308	1.17643	1
cg14753321	-4.57908	19.9263	43.7588	1.95203	1
cg17654660	-5.45706	8.12102	35.8819	3.92746	1
cg06875985	-2.524	28.469	13.2613	0.414058	1
cg01979352	-3.97435	12.9714	10.5296	0.721565	1
cg03517466	-1.5542	7.32467	6.17815	0.749753	1
cg25591868	-1.80117	5.74955	9.57484	1.48028	1
cg16824301	-1.32656	4.15368	6.76212	1.4471	1
cg06899237	-1.67725	12.4165	7.47012	0.53478	1
cg22862420	1.09768	11.2232	2.67651	0.211982	1
cg12989544	-1.87588	9.58243	3.61453	0.335293	1
cg17502989	-1.03934	7.82594	3.39534	0.38565	1
cg13178597	-3.15801	7.57181	19.7526	2.31884	1
cg06080941	-1.55573	4.23073	2.13321	0.448193	1
cg19266578	-1.88445	3.60352	16.6259	4.10116	1
cg05207870	1.0239	5.03746	1.76836	0.312037	1
cg10399899	-1.30102	4.70215	3.23284	0.611131	1
cg18115660	-1.25343	18.9702	11.5297	0.540247	1
cg02173268	-1.21656	3.93691	8.61293	1.94465	1
cg26913977	1.93118	16.6062	5.7037	0.305305	1
cg07914309	?	18.2102	17.1615	1.25655	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18150280	RGS2	0.0114475	0.814794	1.08891	1.08891	0.00851986	3.38278	3.38278	0.497697	1.28391	1.28391	0.00912907	3.32745	3.32745	0.0831278	0.498366	-2.00656	0.301099	1.47541	1.47541	0.808542	1.09212	1.09212	0.00107027	5.7809	5.7809	0.868436	1.06203	1.06203	5.65923	11.8106	1.85508	1
cg13976876	RGS2	0.0306118	0.00396099	0.229385	-4.35949	0.608967	1.19151	1.19151	0.878551	1.05315	1.05315	0.00952639	0.295984	-3.37856	0.114138	0.54874	-1.82236	0.0347664	0.413733	-2.41702	0.0941781	0.524577	-1.9063	0.612198	1.18958	1.18958	0.0474546	0.446095	-2.24168	5.07368	8.77214	1.15263	1
cg22343083	RGS20	1.44E-05	0.00678353	0.399679	-2.50201	0.608747	1.14447	1.14447	0.000514086	0.242412	-4.12521	0.0399696	0.53764	-1.85998	4.50E-06	0.0635016	-15.7476	9.77E-05	0.1637	-6.10872	1.11E-06	0.0364273	-27.4519	0.183046	0.691225	-1.44671	0.000121781	0.173132	-5.77595	36.8881	39.9166	0.961864	1
cg20979233	RGS20	2.65E-05	3.45E-06	0.0572347	-17.4719	0.895175	0.966076	-1.03512	0.00136492	0.296216	-3.37592	0.0227483	0.489807	-2.04162	8.17E-06	0.0780321	-12.8152	0.000361516	0.223731	-4.46966	?	?	?	0.00527743	0.381785	-2.61927	0.000135954	0.17747	-5.63474	32.2888	31.1581	0.964982	1
cg00634665	RGS20	9.06E-05	0.00173256	0.329837	-3.0318	0.0812947	0.618971	-1.61558	0.00725509	0.423246	-2.36269	0.0632851	1.67946	1.67946	1.76E-05	0.113004	-8.84924	0.00672357	0.417945	-2.39266	2.16E-05	0.119967	-8.33563	0.753902	0.924903	-1.08119	0.000197771	0.211727	-4.72307	22.7316	22.1839	0.867473	1
cg05628160	RGS20	0.000193746	0.0846912	0.551632	-1.8128	0.800383	0.924001	-1.08225	0.00100553	0.218052	-4.58607	0.0430053	0.483613	-2.06777	0.000949098	0.215004	-4.65108	0.000234938	0.149213	-6.70184	8.68E-06	0.0490635	-20.3818	0.0747895	0.53841	-1.85732	0.000777789	0.204702	-4.88514	18.5301	28.5629	1.37016	1
cg18891852	RGS20	0.00202357	0.00133226	1.28411	1.28411	0.658257	1.02415	1.02415	0.555832	1.03245	1.03245	0.0252542	1.15327	1.15327	0.386812	0.953565	-1.0487	0.0915015	1.10473	1.10473	0.000331122	1.36425	1.36425	0.0375054	0.878648	-1.13811	0.0360515	0.87749	-1.13961	9.60904	0.43721	0.0404443	1
cg00034604	RGS20	0.0106469	0.103012	0.558926	-1.78915	0.157581	0.610861	-1.63703	0.991725	1.00339	1.00339	0.285454	0.69639	-1.43598	0.782099	0.913537	-1.09465	0.000708937	0.185896	-5.37935	0.00139704	0.22092	-4.52653	0.975046	1.01025	1.01025	0.0609341	0.50212	-1.99156	5.79302	9.76022	1.49762	1
cg27106513	RGS20	0.0311807	0.308936	0.845086	-1.18331	0.265162	1.20396	1.20396	0.317983	1.17938	1.17938	0.373716	0.864196	-1.15715	0.0315059	0.668205	-1.49655	0.0209945	0.641569	-1.55868	0.00337681	0.528769	-1.89119	0.111936	0.758294	-1.31875	0.865745	0.973315	-1.02742	4.03106	1.63118	0.359691	1
cg06932776	RGS20;RGS20	0.00146622	0.0353866	2.59916	2.59916	0.00316822	4.81534	4.81534	0.194171	1.70841	1.70841	0.130689	1.88959	1.88959	9.73E-05	0.0671385	-14.8946	0.131134	0.529665	-1.88799	0.149528	1.82668	1.82668	0.339012	1.46851	1.46851	0.834726	0.92177	-1.08487	10.5485	25.3969	2.14012	1
cg16319136	RGS20;RGS20	0.00191059	0.800027	0.91437	-1.09365	0.741726	1.12371	1.12371	0.462013	0.767917	-1.30222	0.772526	0.902828	-1.10763	2.24E-05	0.0499549	-20.0319	0.349549	0.712042	-1.40441	0.0495137	0.453662	-2.20428	0.146856	1.73171	1.73171	0.28936	0.678501	-1.47384	9.77112	19.2487	1.75107	1
cg21845478	RGS20;RGS20	0.0129677	0.784423	0.893146	-1.11964	0.200198	1.74657	1.74657	0.76739	1.13003	1.13003	0.680951	1.18575	1.18575	0.000269972	0.0852737	-11.727	0.0548915	0.40771	-2.45273	0.747834	1.14217	1.14217	0.565153	1.27078	1.27078	0.556366	0.782557	-1.27786	5.43456	14.6177	2.3909	1
cg02739708	RGS20;RGS20	0.0157066	0.116337	0.812965	-1.23007	0.449526	0.910732	-1.09802	0.17989	0.841281	-1.18866	0.000558479	0.522281	-1.91468	0.12464	0.817315	-1.22352	0.645339	1.05785	1.05785	0.417519	0.904354	-1.10576	0.883676	1.01792	1.01792	0.0450824	1.32182	1.32182	5.10228	1.18984	0.207287	1
cg05868512	RGS20;RGS20	0.0382798	0.902197	1.01618	1.01618	0.49566	0.91364	-1.09452	0.00137468	1.83306	1.83306	0.272204	1.16092	1.16092	0.791713	1.03516	1.03516	0.528011	1.08705	1.08705	0.061435	0.759504	-1.31665	0.50551	1.09221	1.09221	0.443737	0.903082	-1.10732	3.74307	1.0104	0.239945	1
cg10205753	RGS20;RGS20	0.0411217	0.649633	0.660146	-1.51482	0.0479554	7.79223	7.79223	0.0424426	8.34772	8.34772	0.0154597	14.8469	14.8469	0.831279	0.823865	-1.21379	0.16425	3.84846	3.84846	0.834326	1.20948	1.20948	0.00400178	33.5247	33.5247	0.541552	1.75272	1.75272	3.64574	47.6118	11.6085	1
cg01450642	RGS20;RGS20;RGS20	0.004642	0.890959	1.02339	1.02339	0.00772084	1.78027	1.78027	0.684233	1.07134	1.07134	0.239862	1.23048	1.23048	0.276365	0.826286	-1.21024	0.153506	0.772943	-1.29376	0.000238553	0.358668	-2.78809	0.630301	1.08516	1.08516	0.115006	1.33485	1.33485	7.50657	3.37659	0.399838	1
cg02333912	RGS22	0.000993408	0.786088	0.956318	-1.04568	0.00438569	0.535446	-1.8676	0.000360709	0.390897	-2.55822	0.00357428	1.91167	1.91167	0.00171953	0.479723	-2.08454	0.190621	0.796486	-1.25552	0.231187	1.229	1.229	0.129819	1.30823	1.30823	0.0180409	0.623972	-1.60264	11.7886	5.03311	0.379508	1
cg01487694	RGS22	0.00549707	0.453476	0.912615	-1.09575	0.125038	0.819691	-1.21997	0.0717314	0.78603	-1.27222	0.0504619	0.76571	-1.30598	0.00101796	0.557979	-1.79218	0.0104507	0.679781	-1.47106	0.00505037	0.641476	-1.5589	0.0224666	1.38733	1.38733	0.0723808	0.786559	-1.27136	7.12872	1.61887	0.201859	1
cg08590069	RGS22	0.00973431	0.00189851	0.109662	-9.1189	0.0604607	0.345293	-2.89609	0.226223	0.528212	-1.89318	0.502683	1.40731	1.40731	0.00297169	0.129037	-7.74973	0.43343	0.669315	-1.49406	0.0514443	0.328324	-3.04577	0.00278052	0.126006	-7.93615	0.34713	0.614923	-1.62622	5.96169	23.8211	3.55173	1
cg17168157	RGS22	0.0107578	0.00706569	0.237466	-4.21113	0.885221	1.06147	1.06147	0.324476	0.656901	-1.5223	0.146348	1.90395	1.90395	0.00164538	0.155491	-6.43122	0.0463215	0.389599	-2.56674	0.432809	1.39178	1.39178	0.00967249	0.258702	-3.86545	0.470674	0.738549	-1.35401	5.77375	15.5961	2.40108	1
cg20976526	RGS22	0.0139351	0.230925	0.656858	-1.5224	0.00147076	0.215388	-4.64278	0.0188022	0.385983	-2.59079	0.709002	1.13358	1.13358	0.0274819	0.41808	-2.39189	0.182062	0.6227	-1.60591	0.0101906	0.338397	-2.95511	0.0095646	0.333741	-2.99634	0.623524	0.847503	-1.17994	5.30798	9.40289	1.57463	1
cg16308540	RGS22	0.0289655	0.234884	0.553941	-1.80525	0.291428	1.68096	1.68096	0.157247	2.04952	2.04952	0.892013	1.06656	1.06656	0.00374675	0.156178	-6.40295	0.0167075	0.25007	-3.99888	0.0439317	0.333372	-2.99965	0.831983	0.904118	-1.10605	0.189306	0.517011	-1.9342	4.13797	14.7511	3.16873	1
cg06569139	RGS22	0.0345905	0.118467	0.294629	-3.39409	0.00438659	0.0643775	-15.5334	0.240591	0.412371	-2.425	0.788546	0.823808	-1.21387	0.0133608	0.109758	-9.11096	0.0718733	0.234854	-4.25797	0.0159803	0.119216	-8.38811	0.0278697	0.153544	-6.51278	0.332286	0.486194	-2.05679	3.88363	31.975	7.31848	1
cg00267360	RGS22	0.0498098	0.00742739	0.387079	-2.58345	0.479749	0.820573	-1.21866	0.33452	0.760358	-1.31517	0.732246	0.909796	-1.09915	0.061385	0.559783	-1.7863	0.491783	0.825141	-1.21191	0.0112163	0.417017	-2.39798	0.890207	1.03875	1.03875	0.0164575	0.446284	-2.24072	3.39304	4.07168	1.06667	1
cg26354398	RGS3	0.000366534	0.0275946	0.607512	-1.64606	0.371215	0.838904	-1.19203	0.178042	0.760486	-1.31495	0.61438	0.90738	-1.10207	0.00168804	0.423778	-2.35972	0.374658	1.19045	1.19045	4.69E-06	0.134445	-7.43796	0.121305	0.725152	-1.37902	0.905342	0.977498	-1.02302	15.5704	9.02603	0.515282	1
cg14458808	RGS3	0.00120539	0.268713	1.0996	1.0996	0.00403195	0.727342	-1.37487	0.0620242	0.840988	-1.18908	0.201669	1.11753	1.11753	0.000962527	0.666858	-1.49957	0.00772499	1.32583	1.32583	0.00855632	1.31847	1.31847	0.0122596	1.29322	1.29322	0.0405009	0.822837	-1.21531	11.1575	1.20039	0.0956317	1
cg19944367	RGS3	0.0226994	0.028192	0.571968	-1.74835	0.364962	1.22222	1.22222	0.000567425	0.316284	-3.16171	0.324083	0.802891	-1.2455	0.887076	1.0311	1.0311	0.985925	1.00381	1.00381	0.743202	0.931585	-1.07344	0.277986	0.784124	-1.27531	0.160992	0.724155	-1.38092	4.50522	3.31573	0.6542	1
cg21230317	RGS3;RGS3	0.005816	0.407263	0.706608	-1.41521	0.474603	0.742389	-1.347	0.151405	0.532739	-1.87709	0.434453	0.721298	-1.38639	0.136292	0.51811	-1.93009	0.839568	0.920315	-1.08658	5.47E-05	0.0460367	-21.7218	0.576603	0.793674	-1.25996	0.105973	0.485137	-2.06127	7.00614	18.6216	2.36257	1
cg14327394	RGS3;RGS3;RGS3	0.00274557	0.208653	1.27851	1.27851	0.000367177	2.87962	2.87962	0.0159739	0.578773	-1.72779	0.630718	0.914128	-1.09394	0.03803	0.640299	-1.56177	0.0669329	0.683378	-1.46332	0.0270709	0.615628	-1.62436	0.027505	1.62136	1.62136	0.921549	0.981906	-1.01843	8.78583	4.78136	0.483744	1
cg01302240	RGS3;RGS3;RGS3	0.00754524	0.00833432	4.00213	4.00213	0.0206015	3.14867	3.14867	0.162894	1.84532	1.84532	0.0107702	3.73497	3.73497	0.457611	1.36495	1.36495	0.010589	3.75197	3.75197	0.0108949	3.72349	3.72349	0.000917304	7.67147	7.67147	0.0124056	3.59689	3.59689	6.46182	17.3131	2.38159	1
cg14046414	RGS3;RGS3;RGS3	0.010439	0.0246916	1.43381	1.43381	0.850142	0.97484	-1.02581	0.72123	0.952878	-1.04945	0.0675077	0.758835	-1.31781	0.650939	0.940481	-1.06329	0.529713	1.08956	1.08956	0.000415466	0.470259	-2.12649	0.530016	1.08949	1.08949	0.128091	0.801222	-1.24809	5.82983	1.6758	0.255513	1
cg13777646	RGS3;RGS3;RGS3;RGS3	0.00239964	0.000553254	0.509393	-1.96312	0.869473	0.979519	-1.02091	0.542349	0.925332	-1.08069	0.0503519	0.755264	-1.32404	0.000465368	0.500255	-1.99898	0.0338433	1.36582	1.36582	0.0060044	0.636492	-1.57111	0.496346	0.916762	-1.0908	0.55076	0.926859	-1.07891	9.14151	2.29231	0.222896	1
cg14398877	RGS3;RGS3;RGS3;RGS3	0.0290696	0.147733	0.759433	-1.31677	0.0305278	0.637386	-1.56891	0.639649	0.919845	-1.08714	0.987904	0.997318	-1.00269	0.324495	1.19755	1.19755	0.0292239	1.5765	1.5765	0.0206694	1.63841	1.63841	0.0765434	0.705345	-1.41775	0.0982133	0.725164	-1.379	4.13273	2.0548	0.441958	1
cg18426557	RGS3;RGS3;RGS3;RGS3	0.0350347	0.620148	0.926049	-1.07986	0.00081801	0.460405	-2.172	0.682118	0.93864	-1.06537	0.270293	0.838197	-1.19304	0.159046	0.793388	-1.26042	0.276502	1.19011	1.19011	0.348334	1.16006	1.16006	0.376264	0.869687	-1.14984	0.988966	0.997876	-1.00213	3.86575	1.44764	0.332869	1
cg14284187	RGS3;RGS3;RGS3;RGS3;RGS3	0.00229346	0.00218056	0.559	-1.78891	0.0151228	0.667765	-1.49753	0.00227517	0.561339	-1.78145	0.482289	1.10143	1.10143	0.301663	0.865225	-1.15577	0.0025664	1.76063	1.76063	0.0668803	1.32036	1.32036	0.522085	0.915969	-1.09174	0.150935	1.23149	1.23149	9.26372	2.68512	0.257647	1
cg21196839	RGS3;RGS3;RGS3;RGS3;RGS3	0.0163595	0.303647	0.704972	-1.4185	0.0652648	0.507087	-1.97205	0.00803236	0.328112	-3.04774	0.132926	0.587438	-1.70231	0.000510142	0.168456	-5.93628	0.896944	0.95837	-1.04344	0.0756059	0.522575	-1.9136	0.692743	0.877817	-1.13919	0.139359	0.593329	-1.68541	5.03361	8.58379	1.51582	1
cg11754482	RGS4;RGS4;RGS4	0.0419041	0.161277	0.669654	-1.49331	0.607599	1.14893	1.14893	0.199596	0.695419	-1.43798	0.00746397	0.397193	-2.51767	0.00817337	0.40365	-2.47739	0.29736	1.33586	1.33586	0.205392	0.699005	-1.43061	0.492258	1.20556	1.20556	0.160552	0.669126	-1.49449	3.62039	4.11938	1.0114	1
cg12906188	RGS4;RGS4;RGS4;RGS4;RGS4	0.0132494	0.215065	1.33223	1.33223	0.0126161	1.97726	1.97726	0.00405669	2.33526	2.33526	0.17713	0.729554	-1.3707	0.582903	1.12965	1.12965	0.533091	0.870432	-1.14885	0.107695	1.47089	1.47089	0.00513712	2.25344	2.25344	0.195745	0.740264	-1.35087	5.39652	4.12958	0.680204	1
cg09501516	RGS4;RGS4;RGS4;RGS4;RGS4	0.0294185	0.395079	1.10665	1.10665	0.00646602	0.66237	-1.50973	0.191923	0.851537	-1.17435	0.148258	1.19773	1.19773	0.136992	0.82997	-1.20486	0.679592	0.95283	-1.04951	0.0217668	1.37768	1.37768	0.120364	1.21654	1.21654	0.452777	0.914857	-1.09307	4.11531	0.882226	0.190557	1
cg24901474	RGS5	0.000353431	0.105678	0.597159	-1.6746	0.00072316	4.48243	4.48243	0.120511	0.611872	-1.63433	0.000672644	0.219325	-4.55944	0.0211195	0.445352	-2.24542	0.0984987	1.69645	1.69645	0.000253508	5.80624	5.80624	0.00471411	2.99015	2.99015	0.333529	1.33772	1.33772	15.727	21.1948	1.19793	1
cg10780638	RGS5	0.00525217	0.00707701	0.38816	-2.57626	0.0640264	1.76115	1.76115	0.380169	0.782875	-1.27734	0.00767829	0.393927	-2.53854	0.0381224	0.520192	-1.92237	0.000952224	0.262098	-3.81537	0.00711517	0.388539	-2.57374	0.213526	0.700352	-1.42785	0.0696906	0.576019	-1.73605	7.22903	8.46527	1.0409	1
cg02579477	RGS5	0.013733	0.821073	1.06366	1.06366	0.615786	0.871232	-1.1478	0.00798566	0.396021	-2.52512	0.0015587	0.289735	-3.45143	0.34241	0.766061	-1.30538	0.440913	1.23875	1.23875	0.670375	1.12372	1.12372	0.0622568	1.77146	1.77146	0.119254	1.58503	1.58503	5.3335	6.26954	1.04489	1
cg00250483	RGS5	0.017636	0.145515	1.53733	1.53733	0.00412743	2.88172	2.88172	0.15783	1.51518	1.51518	0.00281685	3.10254	3.10254	0.297447	0.742883	-1.34611	0.116018	1.60004	1.60004	0.0606393	1.78966	1.78966	0.0154801	2.26426	2.26426	0.275686	1.36619	1.36619	4.9087	5.88617	1.06589	1
cg14702655	RGS6	2.31E-06	0.680247	1.05454	1.05454	0.3244	1.13931	1.13931	0.730912	0.956723	-1.04523	0.134004	0.812938	-1.23011	0.943748	0.990998	-1.00908	0.949319	0.991887	-1.00818	0.00323692	0.597688	-1.67311	2.12E-08	14.8614	14.8614	0.0268893	1.39922	1.39922	59.1876	15.3949	0.231202	1
cg01117452	RGS6	3.46E-05	0.0123537	0.671698	-1.48876	5.40E-05	0.38226	-2.61602	0.00199206	0.572536	-1.74662	0.653352	0.943882	-1.05945	1.99E-06	0.223076	-4.48277	0.00510129	0.623248	-1.6045	0.000129474	0.427579	-2.33875	0.00214809	0.576583	-1.73436	4.44E-05	0.372248	-2.68638	29.3309	7.58178	0.22977	1
cg16396954	RGS6	5.70E-05	0.719716	1.04441	1.04441	0.391176	1.11175	1.11175	0.116994	1.22792	1.22792	0.429226	0.907282	-1.10219	0.166341	0.836986	-1.19476	0.240752	1.15961	1.15961	0.819375	0.972799	-1.02796	4.58E-07	5.55424	5.55424	0.513598	1.08315	1.08315	25.7102	5.91986	0.20467	1
cg11204152	RGS6	5.76E-05	0.000376311	0.31291	-3.19581	0.458647	0.857076	-1.16676	0.0046651	0.463522	-2.15739	0.0716571	0.66294	-1.50843	3.32E-06	0.106043	-9.43012	0.510407	0.872446	-1.1462	1.22E-05	0.151548	-6.59858	0.00281233	0.431184	-2.3192	0.00480008	0.465378	-2.14879	25.6374	16.9612	0.588072	1
cg23576118	RGS6	8.81E-05	0.183454	1.72819	1.72819	0.0468533	2.4158	2.4158	0.946671	0.974403	-1.02627	0.523497	1.28483	1.28483	0.451865	0.742962	-1.34596	0.281614	1.54304	1.54304	0.379313	1.41852	1.41852	6.40E-07	195.93	195.93	0.522391	1.28571	1.28571	22.9057	54.5105	2.11536	1
cg21910196	RGS6	0.000274636	0.00759556	0.518849	-1.92734	0.0105747	0.54087	-1.84887	0.0499128	0.652227	-1.53321	0.0516612	0.654897	-1.52696	2.32E-05	0.198584	-5.03564	0.171557	1.32073	1.32073	0.0806218	0.690516	-1.44819	0.000226216	0.309772	-3.22818	0.000186487	0.299526	-3.33861	16.8523	9.74867	0.514203	1
cg16412573	RGS6	0.00052845	0.000575017	0.35921	-2.78389	0.132738	1.36569	1.36569	0.0165766	0.569924	-1.75462	0.394921	1.18223	1.18223	0.0653145	0.671987	-1.48812	0.0697262	0.677263	-1.47653	0.000220238	3.26342	3.26342	0.0312573	0.615364	-1.62505	0.0016051	0.419201	-2.38549	14.0726	8.2272	0.519666	1
cg07509323	RGS6	0.000559631	0.00105514	0.359269	-2.78343	0.0497224	1.60483	1.60483	0.68724	1.08929	1.08929	0.31885	1.24321	1.24321	0.29021	1.26106	1.26106	0.000345109	0.296133	-3.37686	0.00655169	2.1092	2.1092	0.13128	0.708735	-1.41096	0.000421958	0.307092	-3.25635	13.8501	9.79451	0.628606	1
cg00790835	RGS6	0.000845734	0.00146512	0.50939	-1.96313	0.000768877	2.11271	2.11271	0.000787359	2.10684	2.10684	0.283706	0.849125	-1.17768	0.0450946	0.713465	-1.40161	0.0712616	1.34427	1.34427	0.0492593	1.39037	1.39037	0.411481	1.13124	1.13124	0.0350093	0.697169	-1.43437	12.3374	4.21338	0.303568	1
cg10741333	RGS6	0.00107609	0.568313	1.20119	1.20119	0.0368586	2.16132	2.16132	0.114981	1.72432	1.72432	0.577876	1.19567	1.19567	0.436681	0.777059	-1.2869	0.0384604	0.466587	-2.14322	0.00120912	0.221658	-4.51146	8.78E-05	9.34343	9.34343	0.206381	1.52757	1.52757	11.5241	18.4437	1.42263	1
cg05844242	RGS6	0.00109204	0.0473692	0.63909	-1.56473	0.0028946	0.445652	-2.2439	0.711972	1.07593	1.07593	0.00552534	0.486916	-2.05374	0.0011542	0.389703	-2.56606	0.000102992	0.257642	-3.88136	0.698513	0.926064	-1.07984	0.00708664	0.503261	-1.98704	0.00255551	0.437887	-2.2837	11.4759	7.07866	0.54829	1
cg01775802	RGS6	0.00138069	0.0544019	0.560519	-1.78406	0.00031997	0.213347	-4.6872	0.00033161	0.215112	-4.64875	0.0889086	1.64485	1.64485	0.024108	0.489994	-2.04084	0.130638	0.648596	-1.54179	0.0016102	0.301334	-3.31858	0.016824	0.461324	-2.16767	0.241569	0.722446	-1.38419	10.7322	11.9565	0.990287	1
cg17922283	RGS6	0.00208505	0.026512	0.558762	-1.78967	0.00721328	0.464235	-2.15408	0.00114912	2.87912	2.87912	0.00919157	2.07905	2.07905	0.26697	0.774194	-1.29167	0.322006	0.797395	-1.25408	0.0248953	0.553907	-1.80536	0.0253284	1.80104	1.80104	0.092694	0.664027	-1.50596	9.5255	7.3882	0.689443	1
cg01767732	RGS6	0.00233277	0.234562	0.832684	-1.20094	0.194352	1.22355	1.22355	0.103303	0.769635	-1.29932	0.835296	0.969869	-1.03107	0.0483666	0.717865	-1.39302	0.016827	0.651396	-1.53516	0.184715	0.813241	-1.22965	0.000103596	2.74286	2.74286	0.386203	1.13944	1.13944	9.21767	3.1525	0.304005	1
cg10050157	RGS6	0.00500082	0.257828	1.14456	1.14456	0.00112156	0.577775	-1.73078	0.00146155	0.591265	-1.69129	0.308825	0.886528	-1.128	0.0300098	0.746851	-1.33896	0.101021	0.814349	-1.22797	0.485064	1.08451	1.08451	0.00536532	0.657521	-1.52086	0.724351	1.04132	1.04132	7.33823	1.51972	0.184086	1
cg04930840	RGS6	0.00591914	0.0113278	0.328386	-3.04519	0.0312137	2.4297	2.4297	0.05627	2.13639	2.13639	0.101211	1.87809	1.87809	0.0258781	2.53178	2.53178	0.0480581	0.45225	-2.21117	0.00400314	3.88915	3.88915	0.343411	0.709813	-1.40882	0.170437	0.598901	-1.66973	6.96827	13.6097	1.73609	1
cg07546062	RGS6	0.0064906	0.0426941	0.59883	-1.66992	0.113935	1.4593	1.4593	0.0704609	1.55947	1.55947	0.628513	0.898391	-1.1131	0.190179	0.737175	-1.35653	0.542722	0.873352	-1.14501	0.00208982	2.59007	2.59007	0.227236	0.756837	-1.32129	0.00309656	0.410835	-2.43406	6.77241	5.18096	0.680009	1
cg04728290	RGS6	0.00994043	0.422579	1.19958	1.19958	0.168805	0.722019	-1.38501	0.362404	0.812241	-1.23116	0.179969	1.37209	1.37209	0.0174501	0.5258	-1.90187	0.999968	1.00001	1.00001	0.000685199	3.16477	3.16477	0.718148	1.08385	1.08385	0.0464405	1.65979	1.65979	5.92192	4.62835	0.694722	1
cg24675483	RGS6	0.01165	0.177123	0.707541	-1.41335	0.0373323	0.558339	-1.79103	0.00639047	0.42495	-2.35322	0.00263417	0.366449	-2.72889	0.0117331	0.468018	-2.13667	0.0163287	0.492595	-2.03007	0.150967	1.44943	1.44943	0.156312	0.693701	-1.44154	0.455401	0.832476	-1.20124	5.62721	5.18342	0.818786	1
cg01577850	RGS6	0.0131391	0.712073	0.944252	-1.05904	0.00654702	0.578928	-1.72733	0.0512005	0.709236	-1.40997	0.680031	0.937845	-1.06627	0.00292765	0.531285	-1.88223	0.00702747	0.583185	-1.71472	0.0314208	0.676689	-1.47778	0.948967	1.00995	1.00995	0.0120749	0.616143	-1.623	5.41129	2.05203	0.337078	1
cg02132051	RGS6	0.0136167	0.0173045	0.373955	-2.67412	0.000397218	0.147632	-6.77359	0.303937	0.696809	-1.43511	0.378668	0.736061	-1.35858	0.0572832	0.482069	-2.07439	0.49462	1.2653	1.2653	0.0937773	0.535131	-1.8687	0.248748	0.66428	-1.50539	0.046299	0.460924	-2.16956	5.34841	9.75095	1.62058	1
cg10406153	RGS6	0.0247203	0.0755385	1.70132	1.70132	0.0427935	1.87071	1.87071	0.706795	0.903476	-1.10684	0.04858	0.545984	-1.83155	0.800927	0.934386	-1.07022	0.891013	1.03751	1.03751	0.490608	0.828547	-1.20693	0.00188551	3.26547	3.26547	0.364008	1.28476	1.28476	4.37431	4.99859	1.01575	1
cg23659337	RGS6	0.0290905	0.18042	0.524654	-1.90602	0.202214	1.84154	1.84154	0.0356566	3.03079	3.03079	0.213228	0.551879	-1.81199	0.550318	0.760297	-1.31528	0.00568116	0.192983	-5.18181	0.0323077	3.11641	3.11641	0.7479	0.863951	-1.15747	0.77247	0.876802	-1.14051	4.13167	13.4568	2.8951	1
cg04954225	RGS6	0.0319523	0.273611	1.88109	1.88109	0.0141692	5.35819	5.35819	0.202073	2.1107	2.1107	0.896268	1.07502	1.07502	0.00319323	0.107235	-9.3253	0.284103	1.85363	1.85363	0.256165	1.9297	1.9297	0.65628	1.28201	1.28201	0.490581	1.47456	1.47456	3.99601	19.4665	4.33021	1
cg08263416	RGS6	0.0376064	0.00463665	0.159611	-6.26522	0.107502	0.424917	-2.3534	0.0243938	0.270665	-3.6946	0.287743	0.584046	-1.71219	0.053295	0.343122	-2.91442	0.0132744	0.224226	-4.45978	0.714906	1.19571	1.19571	0.088207	0.399868	-2.50082	0.15835	0.479631	-2.08494	3.76745	14.1644	3.34195	1
cg18127398	RGS6	0.043141	0.0199854	0.245047	-4.08084	0.109084	0.416794	-2.39927	0.808663	0.885584	-1.1292	0.0596389	0.344868	-2.89966	0.0105356	0.199525	-5.01191	0.0303915	0.279565	-3.57698	0.069276	0.361351	-2.7674	0.631483	1.27385	1.27385	0.0352514	0.292816	-3.41512	3.58149	14.2291	3.53152	1
cg17307989	RGS6	0.0495571	0.0194065	0.34952	-2.86107	0.0223039	0.361124	-2.76913	0.020067	0.352282	-2.83863	0.141759	0.555681	-1.7996	0.210111	0.611888	-1.63429	0.194982	1.66502	1.66502	0.0522131	0.439876	-2.27337	0.225087	0.622585	-1.60621	0.170614	0.581178	-1.72064	3.3996	7.44765	1.94733	1
cg03188118	RGS6;RGS6	0.001705	0.0686596	2.12358	2.12358	0.929627	1.03318	1.03318	0.871383	1.06171	1.06171	?	?	?	?	?	?	?	?	?	0.000127013	0.0850588	-11.7566	0.0230722	2.72961	2.72961	0.830761	0.923953	-1.08231	11.0104	15.8759	1.92254	1
cg15701713	RGS7	1.27E-07	0.843715	1.01444	1.01444	2.08E-05	1.86555	1.86555	0.0394551	0.841129	-1.18888	0.2949	0.924137	-1.08209	6.48E-07	0.37258	-2.68399	0.117575	0.883869	-1.13139	2.60E-09	0.136103	-7.34738	0.61811	1.03718	1.03718	0.275534	0.920917	-1.08587	123.975	10.3569	0.0742577	1
cg06833778	RGS7	5.40E-06	0.000967618	0.576553	-1.73445	1.49E-05	0.365139	-2.73868	4.62E-06	0.307767	-3.24921	0.250762	0.874116	-1.14401	6.15E-05	0.436627	-2.29028	0.140004	1.19485	1.19485	1.08E-05	0.349338	-2.86256	0.520257	1.0758	1.0758	1.35E-06	0.250189	-3.99697	47.5713	9.46998	0.17695	1
cg22231602	RGS7	0.000188204	0.000947397	0.263675	-3.79255	0.0258363	0.488824	-2.04573	0.117262	0.63116	-1.58438	0.932396	1.02321	1.02321	0.000250699	0.19522	-5.12242	0.00242905	0.31928	-3.13204	8.07E-06	0.0714016	-14.0053	0.724795	1.10033	1.10033	0.00172997	0.298537	-3.34966	18.6763	21.6396	1.02993	1
cg03613077	RGS7	0.000608799	0.17886	0.629255	-1.58918	0.474997	0.790065	-1.26572	2.57E-05	0.0668113	-14.9675	0.402903	0.75756	-1.32003	0.00142888	0.224002	-4.46425	0.474723	0.789946	-1.26591	0.000369817	0.157441	-6.35159	0.38205	1.33748	1.33748	0.810044	1.08124	1.08124	13.5288	22.5429	1.48114	1
cg10335826	RGS7	0.000900213	0.000550669	0.26894	-3.7183	0.00590726	0.414101	-2.41487	0.897802	1.03196	1.03196	0.551256	0.862792	-1.15903	0.000151917	0.20374	-4.90823	0.254002	1.33857	1.33857	0.0724096	1.63358	1.63358	0.59885	1.13877	1.13877	0.00279549	0.364717	-2.74185	12.1219	11.5053	0.843672	1
cg14032033	RGS7	0.0016492	0.90807	0.981758	-1.01858	0.257104	1.20744	1.20744	0.191796	0.802335	-1.24636	0.0249032	1.53025	1.53025	0.000199976	0.369669	-2.70512	0.144	1.28425	1.28425	0.0372672	1.47008	1.47008	0.928283	1.01445	1.01445	0.00150665	0.482504	-2.07252	10.1968	4.10221	0.357602	1
cg17480466	RGS7	0.00368841	0.0627534	0.790142	-1.2656	0.000732284	0.561371	-1.78135	0.089726	0.810242	-1.2342	0.0220474	1.3619	1.3619	0.287978	0.883295	-1.13212	0.092448	1.23159	1.23159	0.0243637	1.35231	1.35231	0.0125776	0.705327	-1.41778	0.48624	0.923498	-1.08284	8.04638	1.61257	0.178142	1
cg22596806	RGS7	0.00389032	0.00187331	0.319387	-3.13099	0.0370479	0.534408	-1.87123	0.213295	0.712369	-1.40377	0.0130796	0.450875	-2.21791	0.00133082	0.298925	-3.34532	0.000567578	0.25112	-3.98215	0.0156206	0.464351	-2.15354	0.0288688	0.513332	-1.94806	0.071568	0.594112	-1.68318	7.91853	8.39869	0.942789	1
cg20140940	RGS7	0.00785758	0.872799	1.04457	1.04457	0.741443	1.09429	1.09429	0.641472	0.880192	-1.13612	0.0897022	1.66378	1.66378	0.3048	0.748869	-1.33535	0.411805	1.25655	1.25655	0.00228815	0.313353	-3.19129	0.97954	0.993046	-1.007	0.000590456	0.235918	-4.23876	6.38009	7.48308	1.04256	1
cg26924247	RGS7	0.00808754	0.00043959	0.144653	-6.91312	0.372476	1.37551	1.37551	0.0590229	2.10093	2.10093	0.585472	0.825494	-1.2114	0.0750403	0.501417	-1.99435	0.175587	0.605613	-1.65122	0.0808285	0.509592	-1.96236	0.0230355	0.388088	-2.57673	0.48918	1.27717	1.27717	6.32245	12.141	1.70693	1
cg10797944	RGS7	0.0121762	0.711753	1.09374	1.09374	0.207769	1.37806	1.37806	0.384767	1.24003	1.24003	0.777072	0.933765	-1.07093	0.000437077	0.261409	-3.82542	0.114986	0.661152	-1.51251	0.0636867	1.65417	1.65417	0.280169	1.31131	1.31131	0.586949	0.875965	-1.1416	5.54718	5.1206	0.820534	1
cg27293357	RGS7	0.0134494	0.249096	0.746013	-1.34046	0.0597321	1.6766	1.6766	0.0678301	1.64465	1.64465	0.167928	1.42968	1.42968	0.00427593	0.3947	-2.53357	0.639793	1.12148	1.12148	0.0240225	1.92467	1.92467	0.0192249	1.99155	1.99155	0.178274	1.41607	1.41607	5.37012	5.0317	0.832873	1
cg24843474	RGS7	0.0220697	0.0631293	1.38769	1.38769	0.255642	0.83026	-1.20444	0.0553747	0.71148	-1.40552	0.363536	1.15763	1.15763	0.31445	0.849539	-1.17711	0.06366	0.721212	-1.38656	0.0053466	0.562641	-1.77733	0.0551453	1.40609	1.40609	0.446697	1.12927	1.12927	4.549	1.77022	0.345907	1
cg11679177	RGS7	0.0315232	0.015235	0.553645	-1.80621	0.650916	1.09458	1.09458	0.314286	0.813472	-1.2293	0.407628	0.845323	-1.18298	0.110458	0.708173	-1.41208	0.160341	0.74264	-1.34655	0.00137622	0.398255	-2.51095	0.266083	0.79462	-1.25846	0.479817	1.15315	1.15315	4.01537	2.50279	0.554045	1
cg12903174	RGS7	0.0343555	0.451949	1.09852	1.09852	0.046005	1.32366	1.32366	0.0975811	1.24969	1.24969	0.947694	1.00808	1.00808	0.795526	1.03236	1.03236	0.212629	0.851323	-1.17464	0.00163039	1.73923	1.73923	0.707483	0.95483	-1.04731	0.0830266	1.26534	1.26534	3.8932	0.927099	0.211674	1
cg24523250	RGS7	0.0402509	0.727581	1.06064	1.06064	0.190324	0.791763	-1.263	0.0135174	0.597713	-1.67304	0.677164	0.931939	-1.07303	0.546734	1.10813	1.10813	0.665197	0.929322	-1.07605	0.0069006	1.80173	1.80173	0.101718	1.35205	1.35205	0.46458	1.1335	1.1335	3.67466	1.64951	0.39901	1
cg24472496	RGS7	0.0437494	0.0129766	0.803633	-1.24435	0.436435	1.05791	1.05791	0.0432308	1.17925	1.17925	0.499075	0.952512	-1.04986	0.7165	1.0262	1.0262	0.0315739	0.836322	-1.19571	0.0378614	0.843055	-1.18616	0.816314	0.983637	-1.01664	0.684594	1.02938	1.02938	3.56285	0.283685	0.070776	1
cg24800810	RGS7	0.0443198	0.0737813	0.463854	-2.15585	0.862463	0.935352	-1.06912	0.667892	1.181	1.181	0.67117	1.17891	1.17891	0.0811122	0.474559	-2.10722	0.637086	1.20101	1.20101	0.00171556	0.17817	-5.6126	0.60175	1.22501	1.22501	0.181611	0.578947	-1.72727	3.54566	8.34227	2.09139	1
cg13849378	RGS7;RGS7	0.000119878	0.00264788	0.758721	-1.31801	0.0286119	0.842444	-1.18702	0.95609	1.00366	1.00366	0.80755	0.983928	-1.01633	2.36E-05	0.571078	-1.75107	0.000276247	0.6735	-1.48478	0.000398739	0.687889	-1.45372	0.0619111	1.14979	1.14979	0.00260214	1.3191	1.3191	21.0908	1.47236	0.0620538	1
cg14156405	RGS7;RGS7	0.00595564	0.968256	1.00551	1.00551	0.413105	0.890905	-1.12245	0.734454	0.954084	-1.04813	0.000295329	0.443169	-2.25647	0.0154192	0.663395	-1.5074	0.00751463	0.621911	-1.60795	0.00517022	0.600692	-1.66475	0.0504224	0.735031	-1.36049	0.46424	0.902272	-1.10831	6.95507	2.09945	0.268319	1
cg14864853	RGS7BP	0.000196024	0.549296	1.07423	1.07423	1.16E-05	2.99981	2.99981	0.000973133	1.7859	1.7859	0.0523146	1.29797	1.29797	0.246576	0.866592	-1.15395	0.25368	0.868606	-1.15127	0.0474676	0.764958	-1.30726	0.0321559	0.743378	-1.34521	0.00124467	1.74621	1.74621	18.4714	4.08526	0.196592	1
cg08709073	RGS7BP	0.00281867	0.813757	1.01485	1.01485	0.0901359	1.12373	1.12373	0.380946	1.05773	1.05773	0.782492	0.982864	-1.01744	0.800948	1.0159	1.0159	0.160063	0.910511	-1.09828	5.70E-05	0.627104	-1.59463	0.0382184	0.860689	-1.16186	0.325901	1.0654	1.0654	8.7178	0.538616	0.0549186	1
cg26655294	RGS7BP	0.00620591	0.17588	0.734632	-1.36123	0.000603054	3.10659	3.10659	0.766402	0.938156	-1.06592	0.9389	0.983707	-1.01656	0.00949782	0.494559	-2.022	0.565967	0.883087	-1.13239	0.881827	0.968629	-1.03239	0.00849564	0.486854	-2.054	0.592607	1.12269	1.12269	6.86718	4.99378	0.646396	1
cg12158471	RGS7BP	0.010466	0.194968	0.808266	-1.23722	0.75439	0.952436	-1.04994	0.102388	1.31989	1.31989	0.193734	0.807735	-1.23803	0.728941	0.947415	-1.0555	0.00670749	0.579283	-1.72627	0.107073	0.760977	-1.3141	0.00279692	1.89593	1.89593	0.0551066	1.40169	1.40169	5.825	2.22433	0.339431	1
cg25648746	RGS7BP	0.0145968	0.677395	0.934369	-1.07024	0.0161177	0.62018	-1.61243	0.291405	1.19439	1.19439	0.612836	0.920537	-1.08632	0.198315	1.24681	1.24681	0.0212997	0.638221	-1.56686	0.658732	0.930418	-1.07479	0.00186544	2.04652	2.04652	0.57305	0.91174	-1.0968	5.22753	2.17977	0.370648	1
cg13713523	RGS7BP	0.0314022	0.591397	1.10337	1.10337	0.167687	1.30893	1.30893	0.145145	1.3321	1.3321	0.4956	1.13396	1.13396	0.0147822	1.75442	1.75442	0.369503	1.18264	1.18264	0.839521	1.03745	1.03745	0.000956271	2.59416	2.59416	0.799177	0.954825	-1.04731	4.42185	2.25277	0.39625	1
cg16349160	RGS8;RGS8	0.0272617	0.0161462	0.416795	-2.39926	0.175354	0.651468	-1.535	0.170209	0.647683	-1.54396	0.349186	0.750837	-1.33185	0.000717601	0.21631	-4.62298	0.322064	0.737733	-1.3555	0.134699	0.619066	-1.61534	0.524449	0.825472	-1.21143	0.058714	0.529975	-1.88688	4.22733	5.91966	1.24474	1
cg22681021	RGS8;RGS8;RGS8;RGS8	0.0294444	0.168599	1.31547	1.31547	0.0782014	0.693687	-1.44157	0.0333471	0.62825	-1.59172	0.236571	1.26087	1.26087	0.445747	1.15637	1.15637	0.0126481	1.78493	1.78493	0.0150098	1.74862	1.74862	0.997077	1.00068	1.00068	0.740229	1.06417	1.06417	4.11402	2.27633	0.491832	1
cg25329734	RGS9;RGS9;RGS9	0.000243963	6.74E-05	0.148989	-6.71191	0.00241884	0.332181	-3.01041	0.000368735	0.22589	-4.42693	0.221207	0.714972	-1.39866	0.00017683	0.190405	-5.25197	0.00137438	0.29787	-3.35716	0.000212913	0.199052	-5.02381	0.0566691	0.56958	-1.75568	0.00102683	0.28098	-3.55897	17.4055	18.7651	0.958325	1
cg11777611	RGS9;RGS9;RGS9	0.000284055	0.713261	1.06709	1.06709	0.36575	0.849182	-1.1776	0.008876	0.556617	-1.79657	0.602839	1.09675	1.09675	0.00112798	0.430341	-2.32374	4.48E-05	0.256902	-3.89253	0.0095357	1.78176	1.78176	0.00463172	1.94003	1.94003	0.0149082	1.6934	1.6934	16.6977	8.18466	0.435704	1
cg02745045	RGS9;RGS9;RGS9	0.00076442	0.00325416	0.442786	-2.25843	0.584509	0.893943	-1.11864	0.0028644	0.434737	-2.30024	0.0296174	0.594562	-1.68191	2.53E-05	0.183125	-5.46076	0.384609	0.834443	-1.1984	0.623388	1.10571	1.10571	0.0977106	0.691493	-1.44615	0.00141883	0.391578	-2.55377	12.6935	8.28726	0.580335	1
cg12563935	RGS9;RGS9;RGS9	0.00879102	0.112453	0.477627	-2.09368	0.537809	0.765853	-1.30573	0.00291885	0.174004	-5.747	0.253008	0.600186	-1.66615	0.00071167	0.110296	-9.06649	0.00718133	0.226725	-4.41063	0.484315	0.737925	-1.35515	0.30907	1.56853	1.56853	0.332865	0.652368	-1.53288	6.15807	17.8332	2.57414	1
cg15595739	RGS9;RGS9;RGS9	0.01035	0.105402	0.553959	-1.80519	0.00712605	0.313344	-3.19138	0.00215276	0.237275	-4.21451	0.624095	0.847972	-1.17928	0.00246863	0.245266	-4.0772	0.193827	0.631907	-1.58251	0.0448029	0.463478	-2.1576	0.180605	0.622089	-1.60749	0.00621595	0.303918	-3.29036	5.84586	10.321	1.56936	1
cg00980674	RGS9;RGS9;RGS9	0.0183565	0.747259	0.94613	-1.05694	0.0165433	0.605674	-1.65105	0.275291	0.823343	-1.21456	0.00866778	0.563811	-1.77364	0.0402854	0.666467	-1.50045	0.73553	1.05978	1.05978	0.011259	1.72247	1.72247	0.268316	1.21831	1.21831	0.813595	1.04128	1.04128	4.84305	2.24982	0.412929	1
cg00250454	RGS9;RGS9;RGS9	0.0300597	0.0363159	0.555689	-1.79957	0.00203145	0.349802	-2.85876	0.453204	0.831543	-1.20258	0.419849	1.22015	1.22015	0.0290126	0.537226	-1.86142	0.048801	0.580873	-1.72155	0.836832	0.951434	-1.05105	0.252417	0.749299	-1.33458	0.0631684	0.603796	-1.65619	4.08395	3.76977	0.820507	1
cg06617471	RGS9;RGS9;RGS9	0.0329559	0.656145	1.10067	1.10067	0.0012259	2.75152	2.75152	0.215121	1.32218	1.32218	0.55905	0.881211	-1.1348	0.394604	1.20517	1.20517	0.636024	0.902995	-1.10743	0.248977	1.29422	1.29422	0.0525276	1.60292	1.60292	0.0303191	1.72456	1.72456	3.95195	2.86732	0.644929	1
cg17482927	RGS9;RGS9;RGS9	0.0390512	0.223055	0.864834	-1.15629	0.0129609	1.41879	1.41879	0.430995	1.09545	1.09545	0.357535	0.898234	-1.1133	0.155772	0.841761	-1.18799	0.19704	0.85668	-1.1673	0.0353659	0.75736	-1.32038	0.180091	0.850893	-1.17524	0.0751941	1.25197	1.25197	3.71579	0.75712	0.181118	1
cg22606262	RGS9BP;RGS9BP	0.0116922	0.0684184	2.14172	2.14172	0.0428062	2.38787	2.38787	0.607557	0.824166	-1.21335	0.430875	1.35005	1.35005	0.0161739	0.333423	-2.9992	0.0550815	0.44399	-2.2523	0.0127576	0.315022	-3.17439	0.013641	3.12374	3.12374	0.942662	0.973504	-1.02722	5.62063	12.4062	1.96201	1
cg01939443	RGSL1	0.00441165	0.00445825	0.155251	-6.44117	0.00301096	0.135696	-7.36943	0.00974476	0.200827	-4.97942	0.0160036	0.235023	-4.2549	0.00229258	0.12328	-8.11164	0.00454874	0.156308	-6.39761	0.00375909	0.1465	-6.82593	0.327886	0.609002	-1.64203	0.0142632	0.226679	-4.41152	7.62342	29.115	3.3948	1
cg16478792	RGSL1	0.0118497	0.0825665	0.545895	-1.83185	0.88293	1.04748	1.04748	0.385147	0.755547	-1.32354	0.000379081	0.167346	-5.97565	0.00338657	0.285247	-3.50573	0.327362	0.727373	-1.37481	0.37793	0.752153	-1.32952	0.174912	0.634932	-1.57497	0.126051	0.59385	-1.68393	5.59632	8.78496	1.39536	1
cg12132429	RGSL1	0.0231034	0.554179	1.13997	1.13997	0.87277	1.03571	1.03571	0.0120509	0.503832	-1.98479	0.00538987	0.448382	-2.23024	0.849327	0.959214	-1.04252	0.563251	1.13649	1.13649	0.0235367	1.80795	1.80795	0.0721677	0.644428	-1.55176	0.88136	1.03324	1.03324	4.47792	3.39974	0.674864	1
cg12765549	RGSL1	0.0296871	0.0327616	0.296906	-3.36807	0.953033	1.02905	1.02905	0.00861005	0.196172	-5.09757	0.364832	1.57252	1.57252	0.091518	0.40521	-2.46786	0.431414	1.47754	1.47754	0.744525	1.1723	1.1723	0.0320289	0.294877	-3.39124	0.013809	0.227758	-4.39062	4.10207	15.3547	3.32725	1
cg23172892	RHAG	0.0015811	0.00582486	0.275356	-3.63167	0.0113299	0.322217	-3.1035	0.00378799	0.24781	-4.03534	0.038497	0.424739	-2.35439	0.0135478	0.335777	-2.97817	0.0429645	0.435216	-2.29771	6.37E-05	0.0723021	-13.8309	0.00529508	0.269073	-3.71646	0.00595411	0.276816	-3.6125	10.3218	20.8536	1.79587	1
cg01989203	RHAG	0.00328701	0.00977234	0.15912	-6.28458	0.00100591	0.0641616	-15.5856	0.0237491	0.219043	-4.5653	0.0358869	0.253258	-3.94855	0.00443319	0.118102	-8.46729	0.00889511	0.153694	-6.50644	0.00111041	0.0669892	-14.9278	0.0042046	0.1157	-8.64307	0.0114766	0.168768	-5.92528	8.32858	41.7491	4.45578	1
cg09538825	RHAG	0.0167916	0.342116	0.847851	-1.17945	0.702518	1.06685	1.06685	0.281111	0.82787	-1.20792	0.457622	1.13604	1.13604	0.297385	1.19981	1.19981	0.00248138	2.03229	2.03229	0.0216717	0.628235	-1.59176	0.0349382	0.66071	-1.51352	0.116014	0.749727	-1.33382	4.99002	2.24713	0.400288	1
cg19862344	RHAG	0.0295624	0.0736452	0.290034	-3.44787	0.100711	0.327621	-3.0523	0.021233	0.179242	-5.57905	0.0302864	0.205816	-4.85872	0.011032	0.138229	-7.23437	0.0168602	0.163708	-6.10842	0.00721464	0.116234	-8.60334	0.167863	0.401598	-2.49005	0.0549477	0.259012	-3.86083	4.10819	25.0654	5.4234	1
cg06008384	RHAG	0.0336742	0.115423	0.440372	-2.27081	0.147085	0.474444	-2.10773	0.00966175	0.20821	-4.80285	0.044101	0.33009	-3.02948	0.0203105	0.261685	-3.82139	0.0345001	0.306807	-3.25937	0.00640943	0.182776	-5.47119	0.0435874	0.328941	-3.04006	0.190099	0.514279	-1.94447	3.92142	14.2616	3.23274	1
cg01563888	RHAG	0.0405405	0.0714868	0.634575	-1.57586	0.0463978	0.59719	-1.67451	0.82293	0.950617	-1.05195	0.587589	1.13171	1.13171	0.748424	1.07542	1.07542	0.376827	1.22742	1.22742	0.00268826	0.391683	-2.55309	0.524739	0.864465	-1.15679	0.0490561	0.601876	-1.66147	3.66496	2.96359	0.718781	1
cg05680085	RHBDD1;RHBDD1	6.64E-05	0.122094	1.25929	1.25929	0.33804	1.14555	1.14555	0.717558	1.05125	1.05125	0.0439177	0.727168	-1.3752	0.142514	0.805018	-1.24221	0.0050389	0.60028	-1.66589	0.157878	1.23091	1.23091	1.01E-06	5.84408	5.84408	0.1322	1.2505	1.2505	24.6901	7.40246	0.266502	1
cg07620889	RHBDD1;RHBDD1	0.00229809	0.0373248	2.17532	2.17532	0.836091	0.935547	-1.06889	0.446945	0.779361	-1.2831	0.632202	1.16775	1.16775	0.900459	1.04106	1.04106	0.119842	1.72063	1.72063	0.00437918	0.294106	-3.40014	9.34E-05	9.40347	9.40347	0.245916	1.47736	1.47736	9.25825	15.1642	1.45593	1
cg10439859	RHBDD1;RHBDD1	0.0023095	0.011793	0.34011	-2.94023	0.00689598	0.301374	-3.31814	0.00727968	0.305128	-3.27731	0.0145864	0.356451	-2.80543	0.000265288	0.12823	-7.79849	0.0767761	0.509181	-1.96394	0.00659699	0.298325	-3.35205	0.88518	1.0508	1.0508	0.00124433	0.198344	-5.04175	9.24482	17.2184	1.65555	1
cg06640584	RHBDD1;RHBDD1	0.00305394	0.0180442	2.08043	2.08043	0.0793516	1.64327	1.64327	0.482599	1.1996	1.1996	0.77813	1.0747	1.0747	0.795659	0.935957	-1.06843	0.452892	1.21533	1.21533	0.186685	0.699788	-1.429	4.71E-05	7.07522	7.07522	0.442721	1.22092	1.22092	8.51296	8.76907	0.915631	1
cg09157320	RHBDD1;RHBDD1	0.0264256	0.0281299	2.23066	2.23066	0.237466	1.46655	1.46655	0.032974	2.16325	2.16325	0.0106204	2.7023	2.7023	0.285825	1.40913	1.40913	0.0555832	0.511092	-1.95659	0.327556	0.731467	-1.36712	0.360678	0.747702	-1.33743	0.0760267	1.84204	1.84204	4.27374	6.47983	1.34773	1
cg05081346	RHBDD1;RHBDD1	0.0436885	0.0339201	0.613233	-1.6307	0.129744	0.723801	-1.38159	0.0629863	0.661625	-1.51143	0.0659109	0.665326	-1.50302	0.0641097	0.663064	-1.50815	0.425812	1.17421	1.17421	0.0267675	1.67902	1.67902	0.689193	1.08263	1.08263	0.998032	0.999513	-1.00049	3.5647	2.20179	0.549036	1
cg02435538	RHBDD2;RHBDD2	0.00516317	0.163188	0.668505	-1.49588	0.749071	0.91683	-1.09071	0.000497694	0.228958	-4.36761	0.00948094	0.410907	-2.43364	0.000729863	0.249202	-4.01282	0.428637	0.803611	-1.24438	0.488352	1.20983	1.20983	0.119191	0.632833	-1.5802	0.215417	0.702715	-1.42305	7.26694	8.42599	1.03066	1
cg04109460	RHBDD3	0.00517101	0.00276456	0.434495	-2.30152	0.756959	1.06469	1.06469	0.00579813	0.482023	-2.07459	0.120985	0.712101	-1.40429	0.30155	0.805627	-1.24127	0.00024627	0.294407	-3.39666	0.141239	0.726526	-1.37641	0.83083	1.04415	1.04415	0.498442	0.870431	-1.14886	7.26356	4.69052	0.574009	1
cg20220196	RHBDF1	9.34E-06	0.018229	0.622438	-1.60659	0.646041	0.926355	-1.0795	3.75E-05	3.70664	3.70664	1.86E-05	4.2295	4.2295	0.0455788	0.684382	-1.46117	0.280077	1.20411	1.20411	2.32E-06	6.71289	6.71289	9.93E-06	4.80652	4.80652	0.00585681	1.81615	1.81615	41.2931	17.8963	0.385241	1
cg06194960	RHBDF1	0.000346329	0.0103332	1.75824	1.75824	0.00344056	2.00172	2.00172	0.000229314	2.91222	2.91222	0.000386529	2.68832	2.68832	0.690066	1.07252	1.07252	0.0699218	1.42472	1.42472	0.00378123	1.97877	1.97877	2.34E-05	4.37462	4.37462	0.0176392	1.65575	1.65575	15.815	7.64164	0.429502	1
cg00914902	RHBDF1	0.00520709	0.0349113	0.442595	-2.2594	0.223323	0.654265	-1.52843	0.0329363	0.437304	-2.28674	0.00992072	0.339576	-2.94485	0.000216907	0.129276	-7.73537	0.0227036	0.40481	-2.47029	0.00436503	0.282929	-3.53446	0.615681	0.845506	-1.18272	0.0537107	0.483672	-2.06752	7.24813	12.6206	1.54775	1
cg00079891	RHBDF1	0.0130753	0.295175	0.865291	-1.15568	0.0189265	0.684677	-1.46054	0.207953	0.837822	-1.19357	0.806565	1.03324	1.03324	0.137894	1.2373	1.2373	0.00820343	0.637134	-1.56953	0.0263284	0.703907	-1.42064	0.00946245	1.55	1.55	0.648641	1.06305	1.06305	5.41991	1.52475	0.250066	1
cg04995976	RHBDF1	0.0183226	0.50224	1.13892	1.13892	0.0305575	1.62489	1.62489	0.349611	0.832001	-1.20192	0.0703478	1.47166	1.47166	0.00174529	0.426353	-2.34548	0.865152	0.968054	-1.033	0.928497	0.983001	-1.01729	0.121252	1.37841	1.37841	0.167784	0.755155	-1.32423	4.84607	2.80057	0.513694	1
cg03333116	RHBDF1	0.0267002	0.431354	0.9179	-1.08944	0.620706	0.948182	-1.05465	0.036894	0.772167	-1.29506	0.83661	1.02227	1.02227	0.436146	1.08844	1.08844	0.463218	1.0829	1.0829	0.000966096	1.6889	1.6889	0.531422	0.934614	-1.06996	0.770584	0.969291	-1.03168	4.2583	0.767367	0.160182	1
cg17199481	RHBDF1	0.0282546	0.0520088	0.686565	-1.45653	0.0104896	1.72968	1.72968	0.517134	1.1182	1.1182	0.113492	0.746044	-1.3404	0.17048	0.780114	-1.28186	0.695142	1.06929	1.06929	0.0102402	1.7343	1.7343	0.490259	1.12661	1.12661	0.462945	1.13553	1.13553	4.17444	1.91325	0.4074	1
cg18493449	RHBDF2;RHBDF2	0.00142127	0.644788	1.11329	1.11329	0.000548665	0.289113	-3.45886	0.549625	0.869393	-1.15023	0.0199059	0.522191	-1.91501	0.000132985	0.21619	-4.62556	0.370788	1.23673	1.23673	0.0430949	1.71268	1.71268	0.936835	0.981843	-1.01849	0.522128	1.16181	1.16181	10.6433	9.0097	0.752455	1
cg08008636	RHBDF2;RHBDF2	0.00546523	0.944141	0.985162	-1.01506	0.00576139	0.462116	-2.16396	0.18885	0.743051	-1.3458	0.410072	1.19689	1.19689	0.0265581	0.570712	-1.7522	0.000165815	0.25437	-3.93129	0.810436	1.0526	1.0526	0.852602	0.961096	-1.04048	0.127725	0.703745	-1.42097	7.14144	5.14788	0.640752	1
cg21280422	RHBDF2;RHBDF2	0.00555081	0.0115003	0.345994	-2.89022	0.932513	0.971965	-1.02884	0.0229871	0.401293	-2.49194	0.729487	1.12361	1.12361	0.000188044	0.120605	-8.29156	0.252051	0.669175	-1.49438	0.0991223	1.83487	1.83487	0.331929	0.714578	-1.39943	0.667672	0.865011	-1.15605	7.10745	12.6882	1.58684	1
cg00634714	RHBDF2;RHBDF2	0.00560318	0.00342502	0.10551	-9.47774	0.482929	0.668126	-1.49672	0.0235575	4.61535	4.61535	0.368337	1.68637	1.68637	0.00244071	0.0920637	-10.862	0.100723	2.76424	2.76424	0.0544295	3.43582	3.43582	0.279454	1.88878	1.88878	0.141245	2.44686	2.44686	7.08697	35.9017	4.503	1
cg06491139	RHBDF2;RHBDF2	0.00621745	0.109539	0.736658	-1.35748	0.00457596	0.516157	-1.9374	0.0182306	0.605285	-1.65211	0.60642	1.09531	1.09531	0.168018	0.773076	-1.29353	0.000349675	0.365362	-2.73701	0.266935	1.22459	1.22459	0.149313	0.762723	-1.31109	0.696061	1.07119	1.07119	6.86323	3.3356	0.432009	1
cg21028211	RHBDF2;RHBDF2	0.0148575	0.525845	1.39333	1.39333	0.171173	2.12093	2.12093	0.0046184	6.99254	6.99254	0.00363668	7.616	7.616	0.520003	0.714253	-1.40006	0.0207708	4.20517	4.20517	0.416185	1.53542	1.53542	0.0197937	4.27173	4.27173	0.0112462	5.14858	5.14858	5.19707	21.9168	3.74858	1
cg25826360	RHBDF2;RHBDF2	0.0154011	0.167681	2.98336	2.98336	0.0118898	10.3156	10.3156	0.0982552	3.84935	3.84935	0.12592	3.4241	3.4241	0.178005	2.89746	2.89746	0.00941232	11.5505	11.5505	0.00164986	28.4514	28.4514	0.00845459	12.1723	12.1723	0.0301929	6.64904	6.64904	5.13563	44.9362	7.77768	1
cg06097533	RHBDF2;RHBDF2	0.0156	0.373982	0.809805	-1.23486	0.234932	1.33348	1.33348	0.0868163	0.645838	-1.54838	0.278086	1.29788	1.29788	0.00784504	0.454435	-2.20054	0.0470605	1.69109	1.69109	0.00470587	0.419667	-2.38284	0.510294	0.856945	-1.16694	0.0780151	0.635923	-1.57252	5.11382	4.32813	0.752319	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27605355	RHBDF2;RHBDF2	0.0257435	0.573095	0.795946	-1.25637	0.244354	1.62933	1.62933	0.566611	0.792807	-1.26134	0.967728	0.983915	-1.01635	0.00183578	0.169691	-5.89308
cg09458299	RHBDF2;RHBDF2	0.0276808	0.217356	0.305558	-3.2727	0.0992994	5.2098	5.2098	0.0222299	12.2275	12.2275	0.0881925	5.57739	5.57739	0.177845	0.27035	-3.69891
cg01359015	RHBDF2;RHBDF2	0.0289581	0.0237206	0.544466	-1.83666	0.0561452	0.614419	-1.62755	0.016643	0.51768	-1.93169	0.0229889	0.542057	-1.84482	0.00308883	0.401795	-2.48883
cg21486834	RHBDF2;RHBDF2	0.0354437	0.0805485	0.372485	-2.68467	0.00888749	0.18334	-5.45433	0.0100373	0.19094	-5.23724	0.0463504	0.312615	-3.19882	0.0236024	0.252278	-3.96388
cg01217876	RHBDF2;RHBDF2	0.0420535	0.0156522	0.456533	-2.19042	0.472975	0.824353	-1.21307	0.895385	1.03543	1.03543	0.645411	1.13044	1.13044	0.00548708	0.380508	-2.62807
cg08672410	RHBDF2;RHBDF2	0.0452044	0.960748	1.0485	1.0485	0.0522711	8.36829	8.36829	0.0685573	7.11464	7.11464	0.0422998	9.49664	9.49664	0.539932	0.550362	-1.81699
cg26737223	RHBDF2;RHBDF2	0.0454911	0.274199	0.71933	-1.39018	0.624563	0.866916	-1.15351	0.146626	0.636925	-1.57004	0.0408292	0.504806	-1.98096	0.915927	1.03105	1.03105
cg27326823	RHBDL1	7.14E-15	?	?	?	3.59E-13	0.727095	-1.37534	1.17E-14	0.171417	-5.83374	?	?	?	1.41E-15	0.00621566	-160.884
cg06525293	RHBDL1	0.000468448	0.835107	0.964746	-1.03654	0.171389	1.28498	1.28498	0.394223	1.16214	1.16214	0.016936	1.65127	1.65127	0.0706831	0.706249	-1.41593
cg02026235	RHBDL1	0.00584054	0.961906	0.985078	-1.01515	0.365336	1.34015	1.34015	0.00119809	4.45533	4.45533	0.128585	1.67706	1.67706	0.00450756	3.29251	3.29251
cg07847424	RHBDL1	0.0107058	0.000768912	0.104033	-9.61237	0.0152515	3.58454	3.58454	0.0715197	2.33699	2.33699	0.937825	0.968174	-1.03287	0.0899924	2.19587	2.19587
cg07919131	RHBDL1	0.0153988	0.322477	1.18034	1.18034	0.132546	1.30123	1.30123	0.00739298	1.75047	1.75047	0.737129	1.05617	1.05617	0.0873792	1.35821	1.35821
cg03079132	RHBDL1	0.0274765	0.573264	0.861555	-1.16069	0.00900968	2.38546	2.38546	0.596639	1.1501	1.1501	0.186764	1.44256	1.44256	0.892767	1.03594	1.03594
cg02618550	RHBDL1	0.0323513	0.528732	1.22668	1.22668	0.0110752	2.77273	2.77273	0.00981972	2.84319	2.84319	0.0182251	2.50317	2.50317	0.485161	1.25492	1.25492
cg01934709	RHBDL2	0.000992861	0.00551135	0.295566	-3.38334	0.0484947	0.470933	-2.12344	0.00162008	0.22103	-4.52427	0.00193489	0.230962	-4.32972	5.31E-05	0.0804011	-12.4376
cg15120848	RHBDL2	0.028669	0.0664723	0.357511	-2.79711	0.00191445	0.111218	-8.99132	0.0408008	0.307234	-3.25485	0.722171	0.836583	-1.19534	0.0280923	0.273528	-3.65594
cg22344581	RHBDL3	0.000241185	0.250697	0.807875	-1.23781	0.02273	1.62365	1.62365	0.00183791	0.455446	-2.19565	0.153502	1.31213	1.31213	5.86E-05	0.266407	-3.75366
cg06316315	RHBDL3	0.012906	0.115936	0.661455	-1.51182	0.791767	0.938	-1.0661	0.556037	1.15493	1.15493	0.867367	0.960375	-1.04126	0.00582939	0.417556	-2.39489
cg11604426	RHBDL3	0.0195102	0.0426883	0.391874	-2.55184	0.0127744	0.288806	-3.46253	0.039987	0.385536	-2.59379	0.579406	0.798686	-1.25206	0.05845	0.423815	-2.35952
cg18976370	RHBDL3	0.0393018	0.759123	1.0382	1.0382	0.0850679	0.792893	-1.2612	0.257684	0.865919	-1.15484	0.815553	1.02889	1.02889	0.00195684	0.586467	-1.70513
cg21605283	RHBDL3	0.0434747	0.594168	0.882012	-1.13377	0.10616	1.50976	1.50976	0.151319	0.698404	-1.43184	0.0442627	0.58306	-1.71509	0.195926	1.37614	1.37614
cg08354053	RHBDL3	0.0471727	0.0651186	0.271857	-3.67841	0.00922865	0.125119	-7.99237	0.0561553	0.256561	-3.89772	0.565355	0.693833	-1.44127	0.0168196	0.159653	-6.26357
cg24473450	RHBG;RHBG	0.0213437	0.0334197	0.339214	-2.94799	0.0604769	0.398201	-2.5113	0.621444	0.805323	-1.24174	0.454181	1.39324	1.39324	0.00882107	0.234481	-4.26474
cg11845387	RHBG;RHBG	0.0470722	0.824222	0.927578	-1.07808	0.117743	1.77551	1.77551	0.226642	1.53571	1.53571	0.0121434	2.87598	2.87598	0.674298	0.866895	-1.15354
cg02931644	RHCE;RHCE;RHCE;RHCE	0.00806055	0.00219785	0.324008	-3.08634	0.750048	0.919526	-1.08752	0.00539706	0.382359	-2.61534	0.267253	0.738321	-1.35442	0.00162962	0.305798	-3.27014
cg12412775	RHCE;RHCE;RHCE;RHCE	0.031807	0.0492607	0.405028	-2.46897	0.00900095	0.262519	-3.80925	0.771343	0.889273	-1.12451	0.924719	0.962655	-1.03879	0.0173302	0.311266	-3.21268
cg24382063	RHCG	0.000345468	0.00148084	0.447193	-2.23617	0.0144297	1.69747	1.69747	0.415529	0.864111	-1.15726	0.562808	0.902417	-1.10814	1.15E-05	0.195362	-5.11871
cg26948895	RHCG	0.00180749	0.0226851	0.563342	-1.77512	0.0432038	1.63112	1.63112	0.235929	1.29859	1.29859	0.00979277	1.9878	1.9878	0.000294284	0.289176	-3.45811
cg15567297	RHCG	0.0156634	0.242937	1.34127	1.34127	0.0171387	2.00991	2.00991	0.244587	1.33977	1.33977	0.373537	1.24545	1.24545	0.13547	0.679338	-1.47202
cg24653181	RHCG	0.0272524	0.0524503	3.04815	3.04815	0.0171126	4.34367	4.34367	0.146029	2.20054	2.20054	0.182114	2.04563	2.04563	0.374287	1.58548	1.58548
cg10453365	RHCG	0.0394666	0.0600726	3.35456	3.35456	0.0225388	4.75374	4.75374	0.158065	2.36593	2.36593	0.0868336	2.94213	2.94213	0.936707	0.955693	-1.04636
cg09103291	RHCG	0.0451851	0.104913	0.664306	-1.50533	0.658172	1.10824	1.10824	0.0669405	0.62249	-1.60645	0.806065	1.05842	1.05842	0.0812287	0.640083	-1.5623
cg27507295	RHCG;RHCG	0.0398468	0.0281405	5.82155	5.82155	0.00811473	10.0024	10.0024	0.051273	4.51737	4.51737	0.0790994	3.76058	3.76058	0.306908	2.05165	2.05165
cg12421513	RHD;RHD	0.00709787	0.989117	1.00192	1.00192	0.865843	1.02405	1.02405	0.0321333	0.702743	-1.42299	0.353112	0.874339	-1.14372	0.000205209	0.417173	-2.39709
cg27572855	RHD;RHD	0.0303319	0.0071202	0.348953	-2.86571	0.655172	0.872723	-1.14584	0.0213167	0.43255	-2.31187	0.577538	0.843316	-1.18579	0.00526293	0.328097	-3.04788
cg21134096	RHEB	0.000325911	0.200737	1.18686	1.18686	0.000216305	2.18688	2.18688	0.756373	0.961317	-1.04024	2.63E-05	2.87038	2.87038	0.122478	0.808829	-1.23635
cg14010366	RHEB	0.00163122	0.79009	1.03319	1.03319	2.67E-05	2.76068	2.76068	0.291713	1.14328	1.14328	0.793195	0.968354	-1.03268	0.436569	1.10202	1.10202
cg04953579	RHEB	0.00450603	0.322295	0.878179	-1.13872	0.0329357	1.37293	1.37293	0.18281	1.19675	1.19675	0.00560226	0.629936	-1.58746	0.854659	0.976972	-1.02357
cg20333869	RHEB	0.00452099	0.162496	1.41936	1.41936	0.0297257	1.82375	1.82375	0.957914	0.987682	-1.01247	0.11353	1.49844	1.49844	0.00947732	0.462064	-2.1642
cg18935479	RHEB	0.00501386	0.000502756	0.0912889	-10.9542	0.318699	0.635421	-1.57376	0.0874666	0.435987	-2.29365	0.00100599	0.116718	-8.56763	0.265148	1.66694	1.66694
cg11625107	RHEB	0.00654045	0.00222411	0.219054	-4.56509	0.0265428	0.393851	-2.53903	0.563491	0.81305	-1.22994	0.579257	1.21955	1.21955	0.00106322	0.180022	-5.55489
cg02506984	RHEB	0.00798534	0.00611428	0.18972	-5.27093	0.4159	0.679587	-1.47148	0.243055	0.566958	-1.7638	0.329807	0.626779	-1.59546	0.00214997	0.13508	-7.40305
cg01660993	RHEB	0.0137254	0.269262	1.27765	1.27765	0.00121787	2.74057	2.74057	0.00329117	2.34626	2.34626	0.160154	1.37655	1.37655	0.256933	1.28657	1.28657
cg21961852	RHEB	0.0154255	0.59789	0.783908	-1.27566	0.398638	1.4848	1.4848	0.536613	1.33139	1.33139	0.0411177	2.93853	2.93853	0.0285296	0.306651	-3.26104
cg22589161	RHEB	0.0162136	0.107976	0.663341	-1.50752	0.902894	0.971838	-1.02898	0.673228	0.905495	-1.10437	0.0130756	2.05537	2.05537	0.0144183	2.02539	2.02539
cg19130981	RHEB	0.0189806	0.971971	1.006	1.006	0.11427	0.746483	-1.33962	0.00607415	0.543472	-1.84002	0.958303	0.991141	-1.00894	0.00766971	0.558086	-1.79184
cg14323456	RHEB	0.0391697	0.475987	0.867763	-1.15239	0.526628	0.882014	-1.13377	0.196781	0.765627	-1.30612	0.535793	0.884525	-1.13055	0.196252	0.765358	-1.30658
cg04077069	RHEB	0.0434474	0.323718	1.1068	1.1068	0.690001	1.04072	1.04072	0.203743	1.14288	1.14288	0.575406	0.945218	-1.05796	0.00387083	1.47312	1.47312
cg09570031	RHEB;RHEB	0.0116358	0.038044	0.601947	-1.66128	0.914053	1.02305	1.02305	0.89508	1.02824	1.02824	0.00344423	0.432363	-2.31287	0.000883794	0.349315	-2.86275
cg14636377	RHEBL1	0.00968446	0.00117924	0.441037	-2.26738	0.0429524	1.49291	1.49291	0.261784	1.223	1.223	0.526071	0.89537	-1.11686	0.0467879	0.675983	-1.47933
cg19265000	RHEBL1	0.0192893	0.857923	0.942642	-1.06085	0.235675	1.50631	1.50631	0.0714782	0.515042	-1.94159	0.659448	0.863998	-1.15741	0.00177864	0.230737	-4.33395
cg00704012	RHEBL1;RHEBL1	0.00347465	0.0328904	2.41471	2.41471	0.231392	1.55811	1.55811	0.0152662	0.349096	-2.86454	0.231679	1.55765	1.55765	?	?	?
cg17992652	RHO	0.00166376	0.369545	0.909506	-1.0995	0.000927523	0.601103	-1.66361	0.807516	1.02544	1.02544	0.609062	0.948294	-1.05453	0.314978	1.11288	1.11288
cg27286227	RHO	0.00406798	0.0436939	0.656096	-1.52417	0.825823	1.04087	1.04087	0.108084	0.72713	-1.37527	0.233434	0.796868	-1.25491	0.0728798	0.69514	-1.43856
cg15113803	RHO	0.0056778	0.0166785	0.660314	-1.51443	0.859399	0.975134	-1.0255	0.00131022	0.514601	-1.94325	0.0266654	0.68867	-1.45207	0.0144402	0.65174	-1.53435
cg12873189	RHO	0.0144536	0.449713	0.802189	-1.24659	0.39765	0.780499	-1.28123	0.00513295	0.347213	-2.88008	0.393118	0.778547	-1.28444	0.000380508	0.197121	-5.07303
cg13797231	RHO;RHO	0.00107086	0.0937115	0.638853	-1.5653	0.0669729	0.607039	-1.64734	0.000533471	0.269698	-3.70785	0.0603218	0.597511	-1.67361	8.44E-05	0.179358	-5.57545
cg01366698	RHOA	0.000249517	0.14197	1.24326	1.24326	4.58E-05	0.345663	-2.89299	0.000408184	0.460987	-2.16926	0.985041	0.997418	-1.00259	0.218134	1.1956	1.1956
cg05657651	RHOA	0.00364806	0.61695	1.08413	1.08413	0.635125	1.07958	1.07958	0.562635	1.0983	1.0983	0.852756	0.970676	-1.03021	5.44E-05	0.29981	-3.33545
cg10599951	RHOA	0.0100292	0.44756	1.12557	1.12557	0.00650218	0.582449	-1.71689	0.714192	0.945339	-1.05782	0.00230418	1.91724	1.91724	0.304609	1.17641	1.17641
cg27024488	RHOA	0.0312694	0.106892	1.36384	1.36384	0.0025764	2.0889	2.0889	0.572477	0.904347	-1.10577	0.0487328	1.4871	1.4871	0.577655	1.10424	1.10424
cg25622597	RHOA;RHOA;TCTA	0.0040435	0.0910542	0.836058	-1.19609	0.879856	1.01466	1.01466	0.000612187	0.60188	-1.66146	0.997125	0.999653	-1.00035	0.0864311	0.833431	-1.19986
cg16951854	RHOA;RHOA;TCTA	0.00774611	0.8421	0.952276	-1.05012	0.422566	0.818042	-1.22243	0.0286369	1.88325	1.88325	0.0142742	0.476681	-2.09784	0.715578	0.914187	-1.09387
cg24879426	RHOA;TCTA	0.00123712	0.897215	0.965967	-1.03523	0.840596	1.05544	1.05544	0.495136	0.830621	-1.20392	0.131719	0.646666	-1.54639	0.594445	0.865914	-1.15485
cg18094221	RHOA;TCTA	0.00252029	0.00309485	0.245855	-4.06743	0.409593	1.3395	1.3395	0.809336	0.919631	-1.08739	0.0334902	0.422735	-2.36555	0.000161181	0.107181	-9.33003
cg00174179	RHOA;TCTA	0.0332425	0.0998949	0.502436	-1.9903	0.700591	0.862867	-1.15893	0.312942	0.671368	-1.4895	0.161828	0.56538	-1.76872	0.00620633	0.256114	-3.90451
cg12069553	RHOA;TCTA	0.0461428	0.0294585	0.645594	-1.54896	0.206447	0.796596	-1.25534	0.984075	0.9966	-1.00341	0.0358512	0.659224	-1.51693	0.410443	0.866195	-1.15447
cg06874767	RHOB	0.00600992	0.00546814	0.684626	-1.46065	0.138497	1.17984	1.17984	0.0676912	1.23645	1.23645	0.328719	1.11019	1.11019	0.957226	0.994453	-1.00558
cg16258854	RHOB;RHOB	0.00449024	0.00457924	3.5204	3.5204	0.911427	0.963579	-1.0378	0.00120882	4.85624	4.85624	0.00203449	4.26432	4.26432	0.0362592	2.25187	2.25187
cg25840926	RHOB;RHOB	0.00614292	0.0139802	2.99796	2.99796	0.0563714	2.18479	2.18479	0.000465093	7.32499	7.32499	0.00420915	4.00052	4.00052	0.104776	1.89891	1.89891
cg25432336	RHOB;RHOB	0.0300138	0.0182319	6.91418	6.91418	0.589122	1.44469	1.44469	0.0101629	8.90866	8.90866	0.00774281	10.0513	10.0513	0.0383923	5.04619	5.04619
cg19797700	RHOBTB1;RHOBTB1	0.00101671	0.00202224	0.329154	-3.03809	0.123284	0.653077	-1.53121	0.00837656	0.423311	-2.36233	0.0489399	0.563381	-1.775	0.0810138	0.610347	-1.63841
cg02560408	RHOBTB1;RHOBTB1	0.00351786	0.0887774	0.402463	-2.4847	0.0062797	0.177972	-5.61885	0.0152067	0.235628	-4.24398	0.0244527	0.27261	-3.66825	0.0021946	0.124667	-8.02135
cg13320683	RHOBTB1;RHOBTB1	0.00706979	0.164465	1.68748	1.68748	0.000323245	7.78028	7.78028	0.100166	1.88783	1.88783	0.0117373	3.03587	3.03587	0.151825	1.7188	1.7188
cg04121624	RHOBTB1;RHOBTB1	0.0139811	0.00537591	0.566592	-1.76494	0.441781	0.885526	-1.12927	0.0165445	1.57427	1.57427	0.0957014	0.753025	-1.32798	0.00840794	0.593494	-1.68494
cg13319286	RHOBTB1;RHOBTB1	0.0193815	0.0274477	1.84687	1.84687	0.416638	1.21562	1.21562	0.450762	1.19809	1.19809	0.569427	0.873513	-1.1448	0.218082	0.737327	-1.35625
cg24205914	RHOBTB1;RHOBTB1	0.0342107	0.029192	7.02538	7.02538	0.140426	3.33043	3.33043	0.0640573	4.84899	4.84899	0.138967	3.34747	3.34747	0.611788	0.678228	-1.47443
cg23901063	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.000172696	0.0661606	0.586003	-1.70647	0.816123	0.941388	-1.06226	0.121328	1.54581	1.54581	0.0651331	0.584525	-1.71079	2.10E-06	0.0486195	-20.5679
cg11883238	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.0091525	0.0332923	0.313121	-3.19365	0.00986764	0.218284	-4.58119	0.0154744	0.249987	-4.00021	0.0392527	0.328462	-3.04449	0.00289432	0.147861	-6.76312
cg24521445	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.0119949	0.423529	1.10931	1.10931	0.889767	0.982555	-1.01776	0.691765	1.05187	1.05187	0.00139554	1.79972	1.79972	0.0126337	1.48213	1.48213
cg04534504	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.0191753	0.8172	1.0377	1.0377	0.00112402	2.15225	2.15225	0.731624	1.05657	1.05657	0.797437	1.04197	1.04197	0.230794	1.22254	1.22254
cg15279476	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.0208191	0.298895	1.14047	1.14047	0.398582	0.899868	-1.11127	0.0448064	1.32467	1.32467	0.462273	1.09565	1.09565	0.299226	0.876916	-1.14036
cg20585645	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.0341657	0.0136587	1.77045	1.77045	0.0523616	0.661528	-1.51165	0.134918	0.739467	-1.35233	0.116662	1.37609	1.37609	0.0799924	1.43877	1.43877
cg17466952	RHOBTB2	0.0083154	0.14351	0.69071	-1.44778	0.846741	0.95547	-1.04661	0.00160378	0.344589	-2.90201	0.048774	0.588733	-1.69856	0.0340419	0.558558	-1.79032
cg25882887	RHOBTB2	0.0136328	0.918032	1.04546	1.04546	0.00927346	0.240341	-4.16075	0.00686639	0.220559	-4.53393	0.0765118	0.427047	-2.34166	0.0710576	0.41862	-2.3888
cg13402847	RHOBTB2	0.0275223	0.0860191	0.634878	-1.57511	0.847831	1.04708	1.04708	0.0188439	0.505935	-1.97654	0.00685982	0.432376	-2.3128	0.101685	0.651088	-1.53589
cg07086112	RHOBTB2;RHOBTB2	0.0074739	0.0990593	1.30226	1.30226	0.021898	1.4943	1.4943	0.112239	1.28731	1.28731	0.000478932	2.2265	2.2265	0.0720063	0.745795	-1.34085
cg03274800	RHOBTB2;RHOBTB2	0.00869841	0.738079	0.882395	-1.13328	0.266734	0.649612	-1.53938	0.0214506	0.356965	-2.8014	0.0819336	0.487434	-2.05156	0.0148969	0.327453	-3.05387
cg07595301	RHOBTB2;RHOBTB2	0.0180746	0.0948096	1.55808	1.55808	0.00385407	2.56142	2.56142	0.140285	0.681664	-1.467	0.00747891	2.29733	2.29733	0.238625	0.742213	-1.34732
cg00612308	RHOBTB2;RHOBTB2;RHOBTB2	0.000374161	0.00916198	1.5903	1.5903	0.00248434	0.554645	-1.80295	0.0261906	0.690902	-1.44738	0.492651	1.10261	1.10261	0.00289377	0.563199	-1.77557
cg18890417	RHOBTB2;RHOBTB2;RHOBTB2	0.00760832	0.585962	1.17282	1.17282	0.57181	0.847395	-1.18009	0.227369	1.44381	1.44381	0.00487823	2.94901	2.94901	0.0400738	0.502777	-1.98895
cg20091591	RHOBTB2;RHOBTB2;RHOBTB2	0.0109111	0.0443103	0.492683	-2.0297	0.00102367	0.224983	-4.44478	0.450439	0.790062	-1.26572	0.141963	1.62227	1.62227	0.0163144	0.406619	-2.4593
cg13289692	RHOBTB2;RHOBTB2;RHOBTB2;RHOBTB2	0.00673767	0.110192	0.7571	-1.32083	0.0282372	1.51296	1.51296	0.582406	1.09282	1.09282	0.256543	0.827551	-1.20838	0.0191221	0.635561	-1.57341
cg14668516	RHOBTB3	0.00562691	0.975628	1.00717	1.00717	0.00975333	0.465448	-2.14847	0.275385	0.766818	-1.30409	0.49715	1.17503	1.17503	0.173878	1.40284	1.40284
cg16616993	RHOBTB3	0.00598441	0.00125102	0.436041	-2.29336	0.0403012	1.51766	1.51766	0.877938	1.02743	1.02743	0.00324041	2.02813	2.02813	0.172107	0.77418	-1.29169
cg21162938	RHOBTB3	0.00998118	0.222201	0.756861	-1.32125	0.503573	1.15881	1.15881	0.00167415	0.376895	-2.65326	0.0948555	0.67126	-1.48973	0.241148	0.766103	-1.30531
cg01689053	RHOBTB3	0.0156895	0.340805	0.947152	-1.0558	0.460672	0.959308	-1.04242	0.00927382	0.833094	-1.20034	0.627806	0.97334	-1.02739	0.820314	1.01266	1.01266
cg23522475	RHOBTB3	0.0179371	0.35534	0.746074	-1.34035	0.00174151	0.252727	-3.95685	0.00516743	0.320612	-3.11904	0.0505784	0.503382	-1.98656	0.0216454	0.427606	-2.3386
cg11863380	RHOBTB3	0.0184071	0.789044	1.0507	1.0507	0.00328253	0.477643	-2.09361	0.0297236	0.623831	-1.603	0.390255	0.85013	-1.17629	0.405897	1.16979	1.16979
cg23961757	RHOBTB3	0.0250464	0.713948	1.10925	1.10925	0.000677259	0.231487	-4.3199	0.585564	0.856357	-1.16774	0.265066	0.721002	-1.38696	0.77254	1.08505	1.08505
cg08891656	RHOBTB3	0.0269112	0.130392	1.32768	1.32768	0.205049	1.26111	1.26111	0.154879	0.767862	-1.30232	0.270422	1.2203	1.2203	0.671741	1.07676	1.07676
cg24658930	RHOBTB3	0.0345567	0.0305067	0.423254	-2.36265	0.677127	1.14815	1.14815	0.680839	1.1462	1.1462	0.872533	0.948441	-1.05436	0.599576	0.839565	-1.19109
cg23010346	RHOC;RHOC;RHOC	0.00674815	0.00941628	0.541091	-1.84812	0.673998	0.92409	-1.08215	0.00262238	0.459635	-2.17564	0.204489	1.28382	1.28382	0.00422874	0.489395	-2.04334
cg11835347	RHOC;RHOC;RHOC	0.0393327	0.0151354	0.151855	-6.58522	0.0524633	0.248407	-4.02565	0.0184181	0.164324	-6.08552	0.149615	0.376936	-2.65297	0.017601	0.161363	-6.1972
cg22162010	RHOC;RHOC;RHOC;RHOC;RHOC	0.0116329	0.836656	0.980271	-1.02013	0.54797	0.943007	-1.06044	0.243669	1.12496	1.12496	0.0937617	1.19469	1.19469	0.00183699	0.652398	-1.53281
cg16253132	RHOC;RHOC;RHOC;RHOC;RHOC	0.0252358	?	?	?	0.0306636	1.5804	1.5804	0.0338271	1.56306	1.56306	0.423526	0.863001	-1.15875	?	?	?
cg22344122	RHOD	0.00262775	0.0116284	5.52009	5.52009	0.000677426	16.678	16.678	0.0538171	3.27356	3.27356	0.0902618	2.74884	2.74884	0.00536008	7.28906	7.28906
cg09618778	RHOD	0.00457992	0.0171318	3.32651	3.32651	0.00442728	4.81218	4.81218	0.18238	1.79578	1.79578	0.103497	2.08883	2.08883	0.00204859	6.03345	6.03345
cg15693066	RHOD	0.00497037	0.0233258	5.89192	5.89192	0.0251664	5.7109	5.7109	0.141894	2.8105	2.8105	0.0875887	3.43475	3.43475	0.0141395	7.25316	7.25316
cg13388983	RHOD	0.00686646	0.0185247	8.12929	8.12929	0.0231758	7.32819	7.32819	0.116957	3.48904	3.48904	0.0684075	4.46824	4.46824	0.00993741	10.9056	10.9056
cg03160508	RHOD	0.00828552	0.0104177	2.36447	2.36447	0.000860833	3.8001	3.8001	0.0195675	0.471098	-2.1227	0.0938779	1.63474	1.63474	0.642156	0.882625	-1.13298
cg27175128	RHOD	0.00956858	0.0107558	11.0326	11.0326	0.0415728	5.81427	5.81427	0.0659841	4.68934	4.68934	0.0385488	6.02234	6.02234	0.034991	6.30035	6.30035
cg04216240	RHOD	0.0114854	0.0232817	0.796264	-1.25587	0.0380476	0.817059	-1.2239	0.0857603	0.852529	-1.17298	0.106428	1.15965	1.15965	0.620488	1.04283	1.04283
cg07416733	RHOD	0.0116263	0.0114862	0.438272	-2.28169	0.0790786	0.601305	-1.66305	0.000962632	0.277347	-3.6056	0.971242	1.00945	1.00945	0.00282038	0.3419	-2.92483
cg03166566	RHOD	0.0167168	0.0440469	11.551	11.551	0.0607366	9.35352	9.35352	0.164267	4.80352	4.80352	0.104476	6.53183	6.53183	0.0292907	15.1096	15.1096
cg21695485	RHOD	0.0180753	0.0361238	15.1908	15.1908	0.0547876	11.3797	11.3797	0.103996	7.27539	7.27539	0.0750717	9.14274	9.14274	0.0166021	26.2058	26.2058
cg04420309	RHOD	0.0192358	0.0755269	7.87655	7.87655	0.202392	4.07146	4.07146	0.34843	2.73743	2.73743	0.158982	4.80863	4.80863	0.0489825	10.4322	10.4322
cg00023919	RHOD	0.0194138	0.0314877	5.57819	5.57819	0.0268437	5.97031	5.97031	0.29923	2.08153	2.08153	0.236227	2.32964	2.32964	0.0287307	5.79992	5.79992
cg18043888	RHOD	0.0259845	0.0709414	3.9406	3.9406	0.0367813	5.20091	5.20091	0.115057	3.20488	3.20488	0.190347	2.56677	2.56677	0.181874	2.62001	2.62001
cg02933962	RHOD	0.0260058	0.404132	0.794224	-1.25909	0.366755	0.778612	-1.28434	0.0215732	0.474846	-2.10594	0.516878	0.837477	-1.19406	0.000681	0.246348	-4.0593
cg12473775	RHOD	0.0346266	0.0420023	2.13393	2.13393	0.0449555	2.105	2.105	0.20544	1.54048	1.54048	0.198059	1.55275	1.55275	0.0647302	1.9563	1.9563
cg08221781	RHOD	0.0369145	0.00644033	0.39789	-2.51326	0.0336642	0.524525	-1.90649	0.0839582	0.608134	-1.64437	0.571976	0.861971	-1.16013	0.0439316	0.547599	-1.82615
cg04784101	RHOD	0.0370031	0.0468648	11.7819	11.7819	0.120523	6.20598	6.20598	0.299904	3.20466	3.20466	0.0938783	7.36714	7.36714	0.0297823	15.9961	15.9961
cg18407752	RHOD	0.0452356	0.0075168	5.38235	5.38235	0.900067	1.0634	1.0634	0.78845	1.14063	1.14063	0.00407686	6.59354	6.59354	0.987794	1.00751	1.00751
cg24097153	RHOF	0.000723766	0.336535	0.881836	-1.134	0.000529797	1.98346	1.98346	2.32E-05	2.92534	2.92534	0.191864	1.19164	1.19164	0.173301	0.832042	-1.20186
cg23924647	RHOF	0.00281058	0.00217431	0.457212	-2.18717	0.00104697	0.413731	-2.41703	0.388613	0.851493	-1.17441	0.019176	0.597122	-1.6747	0.00335377	0.483745	-2.06721
cg26269863	RHOF	0.0115017	0.228556	0.756325	-1.32218	0.00295158	2.46458	2.46458	0.00211041	2.5997	2.5997	0.147043	1.41045	1.41045	0.488644	0.856013	-1.16821
cg25776635	RHOF	0.0130824	0.12069	0.846763	-1.18097	0.00723982	1.4084	1.4084	0.000764328	1.65511	1.65511	0.338726	1.10237	1.10237	0.338582	0.907112	-1.1024
cg03341523	RHOF	0.0175486	0.000816531	0.448706	-2.22863	0.690969	1.06552	1.06552	0.130195	1.29642	1.29642	0.0356742	0.67821	-1.47447	0.0368048	0.680304	-1.46993
cg25662053	RHOF;TMEM120B	0.0246993	0.603316	1.14428	1.14428	0.156274	1.47683	1.47683	0.378335	1.26159	1.26159	0.875289	1.0412	1.0412	0.0137776	0.457151	-2.18746
cg21887246	RHOG	3.73E-06	0.0128059	1.18357	1.18357	0.00672703	1.21114	1.21114	0.000846955	1.31452	1.31452	0.0932028	0.904235	-1.10591	8.53E-08	0.382256	-2.61605
cg05397629	RHOG	0.000295096	0.192359	1.3766	1.3766	0.507631	0.855821	-1.16847	0.529932	1.1588	1.1588	0.703523	1.09261	1.09261	1.39E-05	0.122268	-8.17878
cg12991791	RHOG	0.00238626	0.00241178	0.720183	-1.38854	0.00492266	1.33555	1.33555	0.060678	1.17852	1.17852	0.117031	1.14139	1.14139	0.0439909	0.835458	-1.19695
cg18456508	RHOG	0.00957457	0.0718374	1.40088	1.40088	0.0065531	1.80831	1.80831	0.588525	0.912457	-1.09594	0.239835	0.813472	-1.2293	0.271347	1.21177	1.21177
cg03085719	RHOG	0.0203254	0.0430168	0.516894	-1.93463	0.500947	1.21361	1.21361	0.194404	0.677688	-1.47561	0.183157	0.670125	-1.49226	0.0783798	0.574559	-1.74047

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27605355	0.0195366	0.322651	-3.09932	0.0273219	0.351117	-2.84805	0.227183	0.601596	-1.66225	0.063395	0.433119	-2.30884	4.31298	10.9741	2.26172	1
cg09458299	0.0793594	5.92462	5.92462	0.0276277	10.7949	10.7949	0.0282645	10.6553	10.6553	0.0285711	10.5898	10.5898	4.20472	55.5743	11.7485	1
cg01359015	0.0330505	0.570505	-1.75283	0.130962	0.692657	-1.44372	0.259229	0.767175	-1.30348	0.156356	0.710753	-1.40696	4.13835	3.32334	0.71383	1
cg21486834	0.480441	1.44116	1.44116	0.229534	0.526026	-1.90105	0.896116	1.06882	1.06882	0.128141	0.432562	-2.31181	3.84953	15.8278	3.65476	1
cg01217876	0.610139	0.872774	-1.14577	0.0911636	1.63618	1.63618	0.0721672	0.587977	-1.70075	0.444385	0.813565	-1.22916	3.61562	4.00999	0.985844	1
cg08672410	0.0352365	10.5936	10.5936	0.0454601	9.09635	9.09635	0.0110245	21.5141	21.5141	0.0498711	8.60666	8.60666	3.51955	51.6273	13.0389	1
cg26737223	0.780949	0.922456	-1.08406	0.00470064	2.96765	2.96765	0.560263	1.18593	1.18593	0.102857	0.596484	-1.67649	3.51122	4.66205	1.18023	1
cg27326823	8.78E-14	0.52512	-1.90433	6.91E-15	0.100768	-9.92382	?	?	?	9.20E-13	0.819561	-1.22016	1.40E+14	47.7807	1.14E-13	1
cg06525293	2.05E-05	0.227271	-4.40004	0.0375699	0.660061	-1.51501	0.0133689	1.69485	1.69485	0.0320011	1.5413	1.5413	14.551	6.83273	0.417396	1
cg02026235	0.0233254	2.34711	2.34711	0.00715944	2.98347	2.98347	0.686577	1.1362	1.1362	0.00157972	4.17107	4.17107	6.99705	10.9805	1.39494	1
cg07847424	0.848642	0.923831	-1.08245	0.387922	0.691942	-1.44521	0.355756	1.48516	1.48516	0.612695	1.23603	1.23603	6.56033	17.482	2.07262	1
cg07919131	0.0270616	1.52897	1.52897	0.324034	0.847695	-1.17967	0.530405	1.10861	1.10861	0.000869527	2.24901	2.24901	5.13589	2.14079	0.370515	1
cg03079132	0.0203689	2.07928	2.07928	0.0161189	2.1617	2.1617	0.0050486	2.64023	2.64023	0.214225	1.4083	1.4083	4.21569	4.57716	0.965107	1
cg02618550	0.0435535	2.10214	2.10214	0.133056	1.68003	1.68003	0.00961728	2.85562	2.85562	0.117129	1.72445	1.72445	3.97829	6.45727	1.44278	1
cg01934709	0.00156821	0.219241	-4.56119	0.0184858	0.38499	-2.59747	0.160936	0.606367	-1.64917	0.0162803	0.374743	-2.66849	11.7905	20.8418	1.57128	1
cg15120848	0.0827296	0.382767	-2.61256	0.0205315	0.247887	-4.0341	0.0609362	0.347973	-2.87378	0.333149	0.60718	-1.64696	4.15305	16.4293	3.51642	1
cg22344581	0.801208	0.956145	-1.04587	0.00312278	2.05116	2.05116	0.000906141	2.41637	2.41637	0.0356433	1.54446	1.54446	17.4599	8.73727	0.444818	1
cg06316315	0.00113633	0.314117	-3.18352	0.00602884	0.419854	-2.38178	0.926688	0.977984	-1.02251	0.261499	0.753334	-1.32743	5.44303	5.04412	0.823745	1
cg11604426	0.0980249	0.482531	-2.0724	0.0021045	0.176126	-5.67775	0.00695537	0.246104	-4.06333	0.125548	0.513945	-1.94573	4.74432	12.1132	2.26951	1
cg18976370	0.91794	0.987518	-1.01264	0.973765	1.00402	1.00402	0.0765974	1.27133	1.27133	0.356456	1.12255	1.12255	3.70708	0.872171	0.209131	1
cg21605283	0.101722	1.51931	1.51931	0.0167358	1.9774	1.9774	0.4464	1.19865	1.19865	0.158643	0.703437	-1.42159	3.57123	3.08273	0.767301	1
cg08354053	0.169377	0.398217	-2.51119	0.0109527	0.134235	-7.4496	0.11595	0.341432	-2.92884	0.171215	0.399997	-2.50002	3.46362	21.6997	5.56891	1
cg24473450	0.0488561	0.375892	-2.66034	0.00399929	0.185886	-5.37965	0.0185512	0.288853	-3.46197	0.11238	0.471498	-2.1209	4.60143	13.7886	2.66364	1
cg11845387	0.119165	1.77093	1.77093	0.340511	1.39368	1.39368	0.00528687	3.46412	3.46412	0.0387649	2.24505	2.24505	3.46641	6.26963	1.60772	1
cg02931644	0.356135	0.779473	-1.28292	0.0201289	0.479104	-2.08723	0.24075	1.3804	1.3804	0.603865	0.871624	-1.14728	6.32911	6.90657	0.96999	1
cg12412775	0.309525	0.65475	-1.5273	0.00401388	0.210815	-4.74348	0.700158	0.855702	-1.16863	0.0636777	0.431897	-2.31537	4.00253	10.2803	2.28307	1
cg24382063	0.452763	1.14367	1.14367	0.3903	0.856852	-1.16706	0.251465	1.23401	1.23401	0.00753028	0.546874	-1.82857	15.8258	7.71996	0.433608	1
cg26948895	0.00358385	0.436118	-2.29296	0.447998	1.17666	1.17666	0.631677	1.10694	1.10694	0.642862	1.10322	1.10322	9.92981	6.95978	0.62302	1
cg15567297	0.0674652	1.6361	1.6361	0.00105726	3.20175	3.20175	0.141535	1.46207	1.46207	0.221253	0.734207	-1.36201	5.10695	4.67004	0.812843	1
cg24653181	0.0135045	4.68898	4.68898	0.00511362	6.48528	6.48528	0.0104315	5.10206	5.10206	0.044111	3.21836	3.21836	4.22784	17.1018	3.5956	1
cg10453365	0.113463	2.67198	2.67198	0.00824864	6.87507	6.87507	0.00986965	6.42788	6.42788	0.0532985	3.49991	3.49991	3.70138	19.0877	4.58392	1
cg09103291	0.598567	0.884598	-1.13046	0.0344766	1.76687	1.76687	0.0210989	1.89683	1.89683	0.23957	0.752576	-1.32877	3.52011	2.97015	0.750015	1
cg27507295	0.0700185	3.96019	3.96019	0.0204562	6.6704	6.6704	0.0160949	7.39667	7.39667	0.0833865	3.67712	3.67712	3.68834	26.9647	6.49848	1
cg12421513	0.826732	0.969659	-1.03129	0.51807	1.09647	1.09647	0.0922799	1.29748	1.29748	0.171758	1.22687	1.22687	6.58653	2.0606	0.27809	1
cg27572855	0.280004	0.711681	-1.40512	0.0212804	0.43241	-2.31262	0.741654	1.10538	1.10538	0.902518	0.963569	-1.03781	4.07089	5.91395	1.29133	1
cg21134096	0.277619	1.15388	1.15388	0.0798088	0.781581	-1.27946	0.00931411	0.658254	-1.51917	0.537343	1.0824	1.0824	16.081	4.09284	0.226235	1
cg14010366	0.111799	0.809002	-1.23609	0.0331208	0.737205	-1.35647	0.847288	1.02388	1.02388	0.609972	1.06499	1.06499	10.2292	2.42688	0.21089	1
cg04953579	0.850373	1.02428	1.02428	0.001043	0.539745	-1.85273	0.138627	1.22453	1.22453	0.0146575	1.46492	1.46492	7.57465	1.93661	0.227262	1
cg20333869	0.417985	0.823343	-1.21456	0.0870939	0.641647	-1.55849	0.000380531	3.79184	3.79184	0.817323	0.947109	-1.05585	7.56703	6.61059	0.776537	1
cg18935479	0.631438	1.23698	1.23698	0.0139602	0.262893	-3.80383	0.236601	0.579459	-1.72575	0.659427	0.822711	-1.21549	7.3324	22.4847	2.72577	1
cg11625107	0.0847499	0.508861	-1.96517	0.0348032	0.418181	-2.39131	0.858181	1.06544	1.06544	0.0049049	0.266861	-3.74727	6.75635	13.4381	1.76797	1
cg02506984	0.187652	0.522758	-1.91293	0.00128977	0.113186	-8.83501	0.224791	1.80813	1.80813	0.0261698	0.293601	-3.40599	6.34781	21.6945	3.0379	1
cg01660993	0.0234733	1.77958	1.77958	0.261998	0.77951	-1.28286	0.934829	1.01757	1.01757	0.182646	1.35146	1.35146	5.33448	3.83181	0.638498	1
cg21961852	0.0106399	4.3453	4.3453	0.0181375	0.269163	-3.71522	0.0246407	3.40085	3.40085	0.603604	0.786939	-1.27075	5.13294	17.0091	2.94553	1
cg22589161	0.47305	0.842989	-1.18626	0.0358427	1.77093	1.77093	0.0771148	0.631284	-1.58407	0.0323607	0.556327	-1.7975	5.04866	4.37982	0.771129	1
cg19130981	0.0158097	0.604579	-1.65404	0.313878	0.837547	-1.19396	0.154525	1.29612	1.29612	0.0216031	0.625293	-1.59925	4.78872	2.19706	0.407821	1
cg14323456	0.0182226	0.57069	-1.75226	0.00154565	0.41022	-2.43772	0.630368	1.09953	1.09953	0.0583074	0.6579	-1.51999	3.71166	2.25118	0.539126	1
cg04077069	0.303563	0.899344	-1.11192	0.238238	1.13087	1.13087	0.0848918	1.20888	1.20888	0.0131886	1.35788	1.35788	3.57206	0.560751	0.13954	1
cg09570031	0.474655	0.857735	-1.16586	0.0122046	0.517303	-1.9331	0.544139	0.878461	-1.13835	0.485717	0.861123	-1.16127	5.62944	3.97206	0.627189	1
cg14636377	0.0333976	0.652044	-1.53364	0.0331555	0.651536	-1.53483	0.369563	1.17178	1.17178	0.537728	1.11332	1.11332	5.97147	2.79883	0.416622	1
cg19265000	0.12933	0.582619	-1.71639	0.00687535	0.315504	-3.16953	0.939408	1.02538	1.02538	0.0432046	0.464563	-2.15256	4.76265	8.19623	1.52973	1
cg00704012	?	?	?	0.121881	1.80828	1.80828	0.000483853	0.144693	-6.91119	0.655785	0.853428	-1.17174	8.60019	13.222	1.75703	1
cg17992652	0.0714342	1.23025	1.23025	0.000117734	2.00155	2.00155	0.445418	1.08336	1.08336	0.134221	1.18085	1.18085	10.171	1.70658	0.149146	1
cg27286227	0.0071202	0.531625	-1.88103	8.35E-05	0.276134	-3.62143	0.446517	0.868466	-1.15145	0.0225903	0.608784	-1.64262	7.81268	4.08758	0.465065	1
cg15113803	0.0168036	0.66076	-1.51341	0.0456863	1.38454	1.38454	0.0961258	0.771441	-1.29628	0.0103326	0.632029	-1.58221	7.0582	2.25449	0.283924	1
cg12873189	0.0751882	0.567259	-1.76286	0.300396	0.735598	-1.35944	0.185392	0.669075	-1.4946	0.108839	0.606281	-1.6494	5.24455	6.80128	1.15273	1
cg13797231	0.00537461	0.410234	-2.43763	0.000504136	0.266639	-3.75039	0.171326	0.701841	-1.42482	0.0199919	0.505351	-1.97882	11.54	10.8003	0.831908	1
cg01366698	0.0254139	0.693252	-1.44248	0.000479945	2.12881	2.12881	0.0568133	0.742828	-1.34621	0.21088	0.833769	-1.19937	17.2991	5.21064	0.267742	1
cg05657651	0.13254	1.29693	1.29693	0.812296	1.03884	1.03884	0.208581	1.23658	1.23658	0.642337	0.927817	-1.0778	8.07297	3.28072	0.36123	1
cg10599951	0.307474	1.17521	1.17521	0.00522352	1.75614	1.75614	0.686897	0.939955	-1.06388	0.520643	1.10462	1.10462	5.9051	2.18418	0.328782	1
cg27024488	0.154951	0.764651	-1.30779	0.0725528	1.42361	1.42361	0.0533489	1.47244	1.47244	0.309062	1.20392	1.20392	4.02698	1.98208	0.43751	1
cg25622597	0.0178113	1.31933	1.31933	0.282134	1.11351	1.11351	0.699386	1.03803	1.03803	0.00400798	1.4506	1.4506	7.82693	1.14712	0.130276	1
cg16951854	0.667969	1.11159	1.11159	0.00150051	3.07045	3.07045	0.00911022	0.443834	-2.2531	0.865665	0.959339	-1.04238	6.40878	6.10124	0.846233	1
cg24879426	1.57E-05	0.0915869	-10.9186	0.0445677	0.539052	-1.85511	0.129202	0.644525	-1.55153	0.0835696	1.67047	1.67047	11.075	12.5903	1.01051	1
cg18094221	0.994469	1.00241	1.00241	0.00312824	0.246503	-4.05675	0.0170479	0.364904	-2.74045	0.061721	0.482234	-2.07368	9.01058	17.1438	1.69122	1
cg00174179	0.0253636	0.362545	-2.75828	0.112554	0.517134	-1.93373	0.019149	0.338853	-2.95113	0.00631641	0.257272	-3.88693	3.93967	9.09282	2.05157	1
cg12069553	0.0664603	0.703816	-1.42083	0.103214	0.737738	-1.35549	0.00880778	0.565982	-1.76684	0.0110675	0.580583	-1.72241	3.49252	1.61088	0.40999	1
cg06874767	0.817468	1.02426	1.02426	0.000840563	0.594018	-1.68345	0.376706	1.09863	1.09863	0.0406259	1.2778	1.2778	6.93562	1.18119	0.151385	1
cg16258854	0.257223	1.48325	1.48325	0.199814	1.57082	1.57082	0.273451	1.46227	1.46227	0.00119031	4.87544	4.87544	7.58272	13.3501	1.56498	1
cg25840926	0.669379	0.856096	-1.16809	0.287733	1.49072	1.49072	0.483784	1.29357	1.29357	0.0047885	3.87419	3.87419	6.88888	14.2753	1.84197	1
cg25432336	0.309343	2.03358	2.03358	0.286897	2.10871	2.10871	0.188854	2.55793	2.55793	0.00867872	9.55277	9.55277	4.08617	29.4573	6.40804	1
cg19797700	0.0276607	0.514563	-1.9434	0.000147288	0.189008	-5.29079	0.000101279	0.172392	-5.80074	0.0115151	0.446394	-2.24018	11.7114	12.0805	0.916908	1
cg02560408	0.0593996	0.356384	-2.80596	0.000242462	0.0527212	-18.9677	0.42923	0.676215	-1.47882	0.00601537	0.175492	-5.69825	8.16137	30.3832	3.30917	1
cg13320683	0.954455	1.02035	1.02035	0.0448603	2.25286	2.25286	0.00251727	4.39264	4.39264	0.166661	1.68231	1.68231	6.59468	12.9971	1.75187	1
cg04121624	0.775746	1.04526	1.04526	0.80592	1.03889	1.03889	0.763315	1.04792	1.04792	0.0829234	1.34663	1.34663	5.30224	2.01752	0.338226	1
cg13319286	0.189078	0.720915	-1.38713	0.876025	0.963946	-1.0374	0.00082254	3.27197	3.27197	0.243407	1.33254	1.33254	4.75497	4.16603	0.778793	1
cg24205914	0.651096	0.707957	-1.41251	0.00841491	12.8466	12.8466	0.00830213	12.9336	12.9336	0.0716751	4.59824	4.59824	3.89914	35.5393	8.10192	1
cg23901063	0.0343787	0.527332	-1.89634	0.00222626	0.329266	-3.03706	0.301289	0.757514	-1.32011	0.927437	0.976657	-1.0239	19.1159	20.3569	0.946595	1
cg11883238	0.0361306	0.320655	-3.11862	0.00141256	0.115689	-8.64384	0.378864	0.656145	-1.52405	0.0251027	0.288367	-3.46781	6.07985	20.9762	3.06677	1
cg24521445	0.170458	0.830888	-1.20353	0.0662495	0.769931	-1.29882	0.913073	0.986237	-1.01395	0.0569951	0.760842	-1.31433	5.57426	1.4219	0.22674	1
cg04534504	0.292236	1.19085	1.19085	0.00895741	0.587811	-1.70123	0.390004	1.15119	1.15119	0.396373	1.14892	1.14892	4.77222	1.93097	0.359669	1
cg15279476	0.302963	0.877867	-1.13912	0.000937085	0.54733	-1.82705	0.318717	1.13406	1.13406	0.714951	1.0458	1.0458	4.64071	1.09535	0.209805	1
cg20585645	0.0990899	1.403	1.403	0.331568	0.828941	-1.20636	0.206918	0.77937	-1.28309	0.552576	0.893582	-1.11909	3.90099	2.16683	0.493739	1
cg17466952	0.121196	0.673291	-1.48524	0.00040988	0.266854	-3.74737	0.158057	0.700975	-1.42658	0.325973	0.787614	-1.26966	6.26732	5.50076	0.780168	1
cg25882887	0.299253	0.628401	-1.59134	0.00101798	0.121965	-8.19905	0.0913564	0.448033	-2.23198	0.0468067	0.374239	-2.67209	5.34634	15.7897	2.62522	1
cg13402847	0.624319	0.888511	-1.12548	0.00383251	0.393177	-2.54338	0.248725	0.749201	-1.33476	0.0408058	0.568082	-1.76031	4.21322	3.82711	0.80743	1
cg07086112	0.0261071	1.47039	1.47039	0.233235	1.20027	1.20027	0.0694329	1.3453	1.3453	0.0211415	1.49915	1.49915	6.48108	2.18949	0.300292	1
cg03274800	0.00235819	0.205651	-4.8626	0.000710249	0.146221	-6.83898	0.0631176	0.458738	-2.17989	0.0361028	0.40306	-2.48102	6.17876	13.6006	1.95661	1
cg07595301	0.0245225	1.90996	1.90996	0.299279	1.29673	1.29673	0.572013	1.14789	1.14789	0.169339	1.42425	1.42425	4.86835	4.4984	0.821341	1
cg00612308	0.000134733	0.395767	-2.52674	0.000797362	2.03391	2.03391	0.750173	0.956207	-1.0458	0.478114	0.903846	-1.10638	15.4824	4.81847	0.276642	1
cg18890417	0.934871	0.976591	-1.02397	0.00424462	0.329829	-3.03188	0.0146372	2.38972	2.38972	0.0632451	1.83209	1.83209	6.44498	8.57403	1.18253	1
cg20091591	0.341907	0.740757	-1.34997	0.00642448	0.337461	-2.96331	0.0777617	0.548434	-1.82337	0.16471	0.634941	-1.57495	5.74752	8.54778	1.32197	1
cg13289692	0.0194609	0.636691	-1.57062	0.00426383	0.542701	-1.84264	0.0417975	1.45502	1.45502	0.0577666	1.40903	1.40903	6.69427	2.70852	0.359646	1
cg14668516	0.847677	1.04602	1.04602	0.000250844	4.10848	4.10848	0.644456	1.11486	1.11486	0.111515	0.666597	-1.50016	7.07777	6.13679	0.770712	1
cg16616993	0.158247	1.30425	1.30425	0.10228	0.729875	-1.3701	0.400827	1.16351	1.16351	0.467515	0.877934	-1.13904	6.94474	3.4108	0.436565	1
cg21162938	0.00374025	0.427374	-2.33987	0.0118783	0.505657	-1.97763	0.190375	1.35138	1.35138	0.0483181	0.61266	-1.63223	5.91418	4.41659	0.663805	1
cg01689053	0.830363	0.988204	-1.01194	0.00846553	0.830335	-1.20433	0.0132728	1.18499	1.18499	0.0355917	1.14489	1.14489	5.10412	0.247305	0.0430685	1
cg23522475	0.49671	0.808473	-1.2369	0.0159013	0.402613	-2.48377	0.725461	0.897067	-1.11474	0.390087	0.76236	-1.31172	4.88086	7.33756	1.33629	1
cg11863380	0.588928	1.10586	1.10586	0.00830888	1.86308	1.86308	0.481354	1.14111	1.14111	0.481681	1.14099	1.14099	4.83856	2.60659	0.478855	1
cg23961757	0.592664	1.16426	1.16426	0.0610488	1.81218	1.81218	0.902959	0.966232	-1.03495	0.718011	1.10753	1.10753	4.35442	5.4699	1.1166	1
cg08891656	0.554605	0.901497	-1.10927	0.00108805	0.433269	-2.30803	0.54088	0.898164	-1.11338	0.542199	1.11298	1.11298	4.24657	2.02459	0.423786	1
cg24658930	0.0142051	0.356518	-2.80491	0.00300448	0.243514	-4.10655	0.349325	1.37575	1.37575	0.350722	0.727595	-1.37439	4.26069	7.17805	1.31033	1
cg23010346	0.637466	0.915239	-1.09261	0.00592515	0.51088	-1.95741	0.009779	0.543595	-1.83961	0.0862335	0.702096	-1.42431	6.69104	3.68953	0.490146	1
cg11835347	0.563141	0.691306	-1.44654	0.0100409	0.128451	-7.78507	0.34322	0.539739	-1.85275	0.0552906	0.253574	-3.94362	3.706	23.4104	5.61502	1
cg22162010	0.187178	0.87377	-1.14447	0.0941952	0.837274	-1.19435	0.00724426	1.39713	1.39713	0.416797	1.08339	1.08339	5.6299	0.830707	0.131158	1
cg16253132	0.0885913	1.403	1.403	0.010473	0.559467	-1.78742	0.993829	0.998607	-1.00139	0.623411	1.09331	1.09331	4.51348	1.80639	0.457397	1
cg22344122	0.0103402	5.75297	5.75297	0.000471815	19.5958	19.5958	0.00245942	9.79081	9.79081	0.0550866	3.24799	3.24799	8.90038	41.3562	4.13028	1
cg09618778	0.0166194	3.35321	3.35321	0.00355656	5.12455	5.12455	0.00113646	7.24491	7.24491	0.00990685	3.84922	3.84922	7.53734	20.4283	2.40914	1
cg15693066	0.0192676	6.37549	6.37549	0.000516438	34.6443	34.6443	0.00147902	20.1098	20.1098	0.00737381	9.57778	9.57778	7.35192	49.8573	6.02803	1
cg13388983	0.0186463	8.10458	8.10458	0.00077414	41.8225	41.8225	0.00320646	19.14	19.14	0.012312	9.84705	9.84705	6.65494	56.7454	7.57939	1
cg03160508	0.102996	1.60945	1.60945	0.845881	1.05329	1.05329	0.0812384	1.6748	1.6748	0.198862	1.43652	1.43652	6.27444	7.07359	1.0021	1
cg27175128	0.0241024	7.50179	7.50179	0.00113918	36.0522	36.0522	0.00508635	16.0247	16.0247	0.0121611	10.3939	10.3939	5.99444	53.2849	7.90139	1
cg04216240	0.253737	1.10533	1.10533	0.00179597	1.45234	1.45234	0.307658	1.09278	1.09278	0.298998	1.09466	1.09466	5.65317	0.632033	0.099379	1
cg07416733	0.903219	1.03224	1.03224	0.098534	0.623361	-1.60421	0.164894	0.679424	-1.47184	0.261546	0.736793	-1.35723	5.63093	6.06966	0.958145	1
cg03166566	0.0387218	12.5715	12.5715	0.00199373	101.04	101.04	0.00490449	51.5253	51.5253	0.0155259	23.0764	23.0764	4.99747	88.5094	15.743	1
cg21695485	0.0241074	20.1414	20.1414	0.00351503	83.0153	83.0153	0.00737056	47.2356	47.2356	0.0150126	28.1536	28.1536	4.86829	96.0968	17.5461	1
cg04420309	0.0515435	10.0934	10.0934	0.00133568	129.66	129.66	0.00653702	39.881	39.881	0.0166526	21.1104	21.1104	4.76713	82.1619	15.3201	1
cg00023919	0.048044	4.6638	4.6638	0.00196828	19.6964	19.6964	0.0080948	10.0807	10.0807	0.0355194	5.30006	5.30006	4.75228	34.9451	6.5363	1
cg18043888	0.0683497	4.00322	4.00322	0.00316903	15.4872	15.4872	0.00469198	12.8638	12.8638	0.0276361	5.87091	5.87091	4.29897	31.4558	6.50405	1
cg02933962	0.832755	1.05873	1.05873	0.772624	1.08133	1.08133	0.0627103	0.568231	-1.75985	0.363731	0.777312	-1.28648	4.29774	4.95779	1.02541	1
cg12473775	0.0169383	2.56547	2.56547	0.0033205	3.64472	3.64472	0.0345249	2.21975	2.21975	0.0569148	2.00759	2.00759	3.88216	6.43295	1.47294	1
cg08221781	0.294425	1.32688	1.32688	0.119303	1.55218	1.55218	0.63121	0.881798	-1.13405	0.178435	0.689463	-1.4504	3.79306	4.06377	0.952328	1
cg04784101	0.0353749	14.24	14.24	0.00449715	60.6829	60.6829	0.0179036	22.633	22.633	0.0460891	11.915	11.915	3.78975	70.538	16.5448	1
cg18407752	0.728553	1.18585	1.18585	0.722331	1.19073	1.19073	0.0281907	3.55372	3.55372	0.799145	1.13287	1.13287	3.51864	13.3398	3.36994	1
cg24097153	0.5226	1.08571	1.08571	0.468985	1.09801	1.09801	0.100798	1.2562	1.2562	0.020395	1.42575	1.42575	12.8897	3.28768	0.226722	1
cg23924647	0.0415518	1.53354	1.53354	0.59161	0.90616	-1.10356	0.354585	1.1892	1.1892	0.0139902	0.57569	-1.73705	8.72522	4.57472	0.466053	1
cg26269863	0.534816	1.14903	1.14903	0.0607056	0.626681	-1.59571	0.607466	0.891802	-1.12132	0.99304	1.00193	1.00193	5.65058	4.37098	0.687595	1
cg25776635	0.145639	1.16696	1.16696	0.31686	1.10767	1.10767	0.415246	1.08578	1.08578	0.205214	1.14122	1.14122	5.41896	0.838261	0.137503	1
cg03341523	0.240698	0.822766	-1.21541	0.607458	0.920999	-1.08578	0.706351	1.06196	1.06196	0.259972	0.829755	-1.20517	4.91689	1.96437	0.355124	1
cg25662053	0.00259157	0.341924	-2.92463	0.188498	1.43076	1.43076	0.579547	0.865995	-1.15474	0.165414	0.68362	-1.4628	4.3756	4.58018	0.930449	1
cg21887246	0.00855817	1.20063	1.20063	0.153299	1.08693	1.08693	0.00117882	1.29617	1.29617	0.462949	1.04157	1.04157	52.3239	2.46247	0.0418329	1
cg05397629	0.000322782	0.259908	-3.84751	0.00806636	2.19451	2.19451	0.632869	1.11793	1.11793	0.663984	0.90371	-1.10655	16.5245	14.0418	0.755341	1
cg12991791	0.0665115	1.17331	1.17331	0.851282	1.01468	1.01468	0.539778	0.952929	-1.0494	0.00102713	1.45922	1.45922	9.15654	0.874878	0.0849305	1
cg18456508	0.0226337	1.58061	1.58061	0.00400766	1.91289	1.91289	0.016776	1.63165	1.63165	0.0817378	0.723559	-1.38206	5.99324	2.67062	0.396094	1
cg03085719	0.0455984	0.522224	-1.91489	0.0117293	0.409708	-2.44076	0.0158282	2.31112	2.31112	0.0509192	0.532465	-1.87806	4.67881	5.95204	1.13078	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00034130	RHOG	0.0243383	0.00564648	0.711896	-1.4047	0.789693	1.02533	1.02533	0.643559	1.04456	1.04456	0.00867367	1.36755	1.36755	0.50904	1.06468	1.06468
cg22065591	RHOG	0.02655	0.876807	1.02544	1.02544	0.120699	1.31325	1.31325	0.960025	0.991917	-1.00815	0.0473846	0.692605	-1.44382	0.487768	1.12091	1.12091
cg05482837	RHOG	0.042054	0.149744	1.18458	1.18458	0.297575	1.12574	1.12574	0.0075093	1.45849	1.45849	0.0931719	0.816624	-1.22455	0.560191	0.937431	-1.06675
cg07768107	RHOH	0.0437785	0.0130377	0.204004	-4.90187	0.586639	0.753273	-1.32754	0.0906292	0.38208	-2.61725	0.0281229	0.262298	-3.81246	0.0105098	0.189828	-5.26794
cg24186774	RHOJ	0.0294996	0.0106476	0.210884	-4.74195	0.00382893	0.151137	-6.61651	0.2206	0.5357	-1.86672	0.341935	0.62213	-1.60738	0.100843	0.418533	-2.3893
cg20449833	RHOQ	0.00205118	0.309714	1.26763	1.26763	0.0270079	1.80528	1.80528	0.143522	1.42561	1.42561	0.241896	1.31828	1.31828	0.000328411	3.70217	3.70217
cg03861105	RHOQ	0.0169423	0.0724724	0.648993	-1.54085	0.475485	0.855106	-1.16945	0.106343	0.683588	-1.46287	0.650181	0.906209	-1.1035	0.106945	0.684115	-1.46174
cg13461192	RHOQ	0.0280219	0.808976	1.06943	1.06943	0.168878	1.50125	1.50125	0.0545629	1.83025	1.83025	0.0778093	1.72152	1.72152	0.61498	0.868867	-1.15092
cg21681030	RHOQ	0.0389608	0.303874	1.14364	1.14364	0.487225	1.09304	1.09304	0.288648	0.870369	-1.14894	0.834625	0.973994	-1.0267	0.627259	1.06362	1.06362
cg08037937	RHOQ	0.0430571	0.0268264	3.26623	3.26623	0.354837	1.52192	1.52192	0.369862	1.50113	1.50113	0.454213	0.714725	-1.39914	0.00423443	0.171342	-5.8363
cg17839427	RHOT1;ARGFXP2;RHOT1;RHOT1	0.00466536	0.48534	1.1167	1.1167	0.0892615	0.746985	-1.33871	0.143573	0.782973	-1.27718	0.0349171	0.682035	-1.4662	0.126727	1.29324	1.29324
cg01551258	RHOT1;ARGFXP2;RHOT1;RHOT1	0.0112749	0.909298	1.03702	1.03702	0.00757655	0.334293	-2.99139	0.21191	0.657386	-1.52118	0.680851	1.14103	1.14103	0.00300196	0.273027	-3.66264
cg10039857	RHOT1;RHOT1;RHOT1	0.000152074	0.305518	1.15544	1.15544	0.000101423	0.39147	-2.55447	0.00160791	0.540085	-1.85156	0.108232	1.2695	1.2695	0.0511181	1.35322	1.35322
cg10866461	RHOT1;RHOT1;RHOT1	0.00548701	0.0998399	0.86627	-1.15438	0.35332	0.926792	-1.07899	0.150448	0.88453	-1.13054	0.535039	0.951219	-1.05128	0.429149	0.937768	-1.06636
cg09774854	RHOT1;RHOT1;RHOT1	0.00628169	0.82538	0.903005	-1.10741	0.670888	1.21818	1.21818	0.0109053	0.228653	-4.37344	0.403793	1.48358	1.48358	0.00304927	0.153526	-6.51357
cg06674117	RHOT1;RHOT1;RHOT1	0.01538	0.722464	1.22385	1.22385	0.0444883	0.270598	-3.69551	0.0157703	0.187183	-5.34238	0.568491	1.3861	1.3861	0.574584	1.37885	1.37885
cg22883623	RHOT1;RHOT1;RHOT1	0.0273962	0.00358044	0.618502	-1.61681	0.152077	1.20544	1.20544	0.416966	1.1063	1.1063	0.0166296	0.700385	-1.42779	0.550261	1.07638	1.07638
cg13960358	RHOT1;RHOT1;RHOT1	0.041227	0.391825	1.18742	1.18742	0.410042	1.17935	1.17935	0.354534	0.829855	-1.20503	0.163953	1.33754	1.33754	0.109856	1.40674	1.40674
cg06024236	RHOT1;RHOT1;RHOT1	0.0419096	0.495166	0.585631	-1.70756	0.238894	2.60495	2.60495	0.456519	0.556509	-1.79691	0.0138783	0.0885744	-11.2899	0.00449957	0.0469468	-21.3007
cg25004693	RHOT1;RHOT1;RHOT1;RHOT1;RHOT1;RHOT1	0.000367091	0.748732	1.13852	1.13852	0.0411889	2.58786	2.58786	0.106513	2.03696	2.03696	0.000129395	0.0682332	-14.6556	8.36E-05	0.0573968	-17.4226
cg00093058	RHOT2	0.00230515	0.634945	1.05104	1.05104	0.000294878	1.84725	1.84725	0.778327	1.02981	1.02981	0.0627766	1.24349	1.24349	0.899541	0.98694	-1.01323
cg05220042	RHOT2	0.0024278	0.914105	1.0135	1.0135	0.624525	0.940536	-1.06322	0.00341422	0.609899	-1.63961	0.88131	0.981604	-1.01874	4.32E-05	0.380956	-2.62497
cg05536644	RHOT2	0.00634013	0.323743	0.903998	-1.1062	0.647538	1.04664	1.04664	0.700711	1.03899	1.03899	0.00280143	1.50362	1.50362	0.117185	1.18357	1.18357
cg00369786	RHOT2	0.018636	0.0279691	0.488262	-2.04808	0.641151	1.13837	1.13837	0.901533	1.03477	1.03477	0.554633	1.1794	1.1794	0.000693201	0.23948	-4.17572
cg03234970	RHOT2	0.030288	0.362733	0.823701	-1.21403	0.1126	1.43061	1.43061	0.138959	1.39126	1.39126	0.34044	0.81572	-1.22591	0.024719	0.574423	-1.74088
cg06553210	RHOT2	0.0431862	0.0178605	0.480988	-2.07905	0.296904	0.759623	-1.31644	0.248984	1.35843	1.35843	0.0197211	0.488727	-2.04613	0.0464426	0.559979	-1.78578
cg24531915	RHOU	0.00126599	0.0440028	0.643297	-1.55449	3.53E-05	0.218173	-4.58353	0.00569604	0.500992	-1.99604	0.192679	0.768893	-1.30057	0.0511431	0.654848	-1.52707
cg20845805	RHOU	0.00823271	0.776232	0.97559	-1.02502	0.067008	1.19488	1.19488	0.42606	0.931941	-1.07303	0.462919	0.937256	-1.06694	0.681676	1.03641	1.03641
cg12127991	RHOU	0.0114697	0.0379705	0.48985	-2.04144	0.00213218	0.278024	-3.59681	0.113193	1.6675	1.6675	0.999821	0.999934	-1.00007	0.0159953	0.416958	-2.39832
cg03145930	RHOU	0.0159907	0.013161	0.154742	-6.46239	0.00304981	0.0851455	-11.7446	0.0392604	0.235076	-4.25395	0.336672	0.548102	-1.82448	0.00943749	0.135734	-7.36734
cg03099045	RHOU	0.0286697	0.410906	1.2156	1.2156	0.0845301	1.5574	1.5574	0.00735671	2.23017	2.23017	0.0566363	0.605936	-1.65034	0.732821	1.08281	1.08281
cg05962139	RHOU;RHOU	0.0058312	0.0042698	0.621625	-1.60869	0.602367	0.936723	-1.06755	0.0557977	1.30928	1.30928	0.0730752	0.779894	-1.28223	0.00987686	0.666685	-1.49996
cg25725117	RHOU;RHOU	0.00742138	0.0151827	0.526486	-1.89939	0.466835	1.17265	1.17265	0.183051	0.737942	-1.35512	0.966155	1.00917	1.00917	0.431339	1.18858	1.18858
cg23010344	RHOU;RHOU	0.0149959	0.593841	1.03682	1.03682	0.000347705	0.679462	-1.47175	0.566294	0.961803	-1.03971	0.0739349	0.874762	-1.14317	0.0698919	0.872703	-1.14587
cg04866639	RHOV	0.0139721	0.907863	0.965657	-1.03556	0.310927	1.37225	1.37225	0.0371754	2.07553	2.07553	0.0391821	2.05515	2.05515	0.0291538	0.460271	-2.17264
cg24419284	RHOV	0.0148176	0.243221	0.506103	-1.97588	0.15718	0.430115	-2.32496	0.648058	1.29214	1.29214	0.12578	0.396963	-2.51912	0.0049336	0.125341	-7.97821
cg01142969	RHOV	0.0363431	0.0354736	3.4963	3.4963	0.525425	0.719662	-1.38954	0.0255507	3.8824	3.8824	0.983723	0.989624	-1.01048	0.0696995	0.354484	-2.821
cg19596020	RHOV;RHOV	0.0140962	0.173283	1.30539	1.30539	0.335307	1.2005	1.2005	0.0061545	0.518242	-1.9296	0.79968	0.954308	-1.04788	0.0238154	0.608896	-1.64232
cg18930892	RHOXF1	0.00239741	0.160479	1.34432	1.34432	0.127035	0.722031	-1.38498	0.000536001	0.345383	-2.89534	0.059312	0.656946	-1.52219	0.253571	0.790327	-1.2653
cg04312965	RHOXF1	0.0187013	0.611814	1.11372	1.11372	0.0415199	0.609768	-1.63997	0.0297872	0.583803	-1.71291	0.958576	0.989128	-1.01099	0.250586	0.776729	-1.28745
cg00890110	RHOXF1	0.0499845	0.790986	1.10835	1.10835	0.015551	0.316913	-3.15544	0.0825931	0.474942	-2.10552	0.13572	0.536495	-1.86395	0.0469624	0.414505	-2.41252
cg22437276	RHPN1	0.00146709	0.273682	0.77411	-1.29181	0.00649305	0.451483	-2.21492	0.0171585	0.520558	-1.92102	0.359992	0.809338	-1.23558	0.000660031	0.309583	-3.23015
cg14317001	RHPN1	0.00625422	0.33745	1.15488	1.15488	0.637007	1.07167	1.07167	0.0264771	0.681749	-1.46681	0.596323	1.08095	1.08095	0.000436454	0.445126	-2.24656
cg02337897	RHPN1	0.0159436	0.215414	0.718519	-1.39175	0.000712686	0.270701	-3.69411	0.0176733	0.481153	-2.07834	0.596341	0.873264	-1.14513	0.00455805	0.383743	-2.60591
cg18002896	RHPN1	0.0164741	0.13091	0.820952	-1.2181	0.165136	1.19613	1.19613	0.504065	0.921264	-1.08547	0.297875	0.877629	-1.13943	0.240789	0.861964	-1.16014
cg23041896	RHPN1	0.0236902	0.0177973	0.257565	-3.88252	0.916059	1.05089	1.05089	0.0215269	0.272579	-3.66867	0.0741376	0.391839	-2.55207	0.00364509	0.15699	-6.36983
cg05991938	RHPN1	0.0261537	0.00110327	0.258925	-3.86212	0.278092	0.728448	-1.37278	0.240722	0.708196	-1.41204	0.0569574	0.545994	-1.83152	0.078526	0.577553	-1.73144
cg22914595	RHPN1	0.0276644	0.103476	0.464119	-2.15462	0.00272727	0.168023	-5.95155	0.0533558	0.388268	-2.57554	0.731319	0.861932	-1.16018	0.118477	0.481629	-2.07629
cg11988591	RHPN1;C8orf51	7.60E-05	7.46E-05	0.15519	-6.4437	0.00104854	0.284835	-3.51081	0.00192392	0.320748	-3.11771	0.0150102	0.46104	-2.16901	1.88E-05	0.104873	-9.53535
cg15118665	RHPN1;C8orf51	0.00029266	2.79E-05	0.249076	-4.01483	0.001274	0.452952	-2.20774	0.00161582	0.466852	-2.14201	0.107628	0.743862	-1.34434	0.00100361	0.43913	-2.27723
cg10397774	RHPN1;C8orf51	0.00240486	0.101897	0.751701	-1.33032	0.170166	0.792247	-1.26223	0.141802	0.777397	-1.28634	0.480374	0.891942	-1.12115	0.375965	0.865162	-1.15585
cg13311607	RHPN1;C8orf51	0.0197455	0.0124607	0.399322	-2.50425	0.0171673	0.424261	-2.35704	0.335642	0.745933	-1.3406	0.0577367	0.530739	-1.88417	0.0125152	0.399653	-2.50217
cg13159388	RHPN1;C8orf51	0.0273607	0.0191539	0.34673	-2.88408	0.00832957	0.283644	-3.52555	0.0363707	0.402914	-2.48192	0.0462317	0.425994	-2.34745	0.00941238	0.292292	-3.42124
cg18084798	RHPN2	0.00211266	0.00171204	0.642664	-1.55602	0.021016	0.760217	-1.31541	0.000344053	1.7665	1.7665	0.248907	1.12639	1.12639	0.419189	1.08493	1.08493
cg04995391	RHPN2	0.00767504	0.487299	1.17747	1.17747	0.00183833	2.78486	2.78486	0.193223	1.37538	1.37538	0.518562	1.16358	1.16358	0.00135671	0.340677	-2.93533
cg22062383	RHPN2	0.027218	0.0200608	0.255744	-3.91015	0.0239542	0.270018	-3.70346	0.014289	0.23027	-4.34272	0.143893	0.466185	-2.14507	0.00228543	0.125805	-7.94883
cg03360001	RIBC1;RIBC1	0.000328961	0.404461	1.42823	1.42823	0.00338073	5.28753	5.28753	0.000138931	0.0638815	-15.654	0.0014488	0.146181	-6.84083	0.0409501	0.373175	-2.67971
cg21515329	RIBC1;RIBC1;SMC1A	1.26E-05	0.0129478	0.739721	-1.35186	0.00636461	1.41494	1.41494	1.62E-07	0.204274	-4.89538	0.0810518	1.20811	1.20811	0.0244985	1.29939	1.29939
cg24091241	RIBC1;SMC1A;RIBC1	0.00623354	0.0738067	0.479102	-2.08724	0.0226871	0.365224	-2.73805	0.000261078	9.1779	9.1779	0.542759	0.796533	-1.25544	0.292204	0.667965	-1.49708
cg04014059	RIBC2	0.00400251	0.328377	0.760246	-1.31536	0.682927	1.11806	1.11806	0.906162	1.03256	1.03256	0.114014	1.59545	1.59545	0.000261178	0.195699	-5.1099
cg15911859	RIBC2;SMC1B	0.0471222	0.978704	0.991485	-1.00859	0.0660691	1.93584	1.93584	0.0563247	1.99837	1.99837	0.676909	1.14367	1.14367	0.0424538	0.47304	-2.11399
cg17603132	RIC3;RIC3	0.00231925	0.519975	1.09492	1.09492	0.0262479	1.44279	1.44279	0.00453946	1.69166	1.69166	0.116049	1.26807	1.26807	0.263576	0.850398	-1.17592
cg27349081	RIC3;RIC3	0.00242008	0.0274573	0.727501	-1.37457	0.0517544	1.30999	1.30999	0.0673013	1.28416	1.28416	0.851731	0.977435	-1.02309	0.447065	1.09914	1.09914
cg04041669	RIC3;RIC3	0.00341591	0.259667	0.863473	-1.15811	0.661649	0.946508	-1.05652	0.874636	1.01991	1.01991	0.346132	1.12876	1.12876	0.0110238	0.671613	-1.48895
cg15524336	RIC3;RIC3	0.00402404	0.051472	1.25735	1.25735	0.181695	1.15771	1.15771	0.249388	1.13241	1.13241	0.10524	1.20062	1.20062	0.747413	1.03394	1.03394
cg14709449	RIC3;RIC3	0.00899802	0.0461164	0.505721	-1.97738	0.287182	0.71914	-1.39055	0.463697	0.800506	-1.24921	0.251648	0.69957	-1.42945	0.000449586	0.191887	-5.2114
cg25098208	RIC3;RIC3	0.0198144	?	?	?	0.0958073	0.578259	-1.72933	0.415469	0.79528	-1.25742	?	?	?	?	?	?
cg01560972	RIC3;RIC3	0.0367852	0.385581	1.2994	1.2994	0.530534	0.829389	-1.20571	0.603617	1.16675	1.16675	0.0558873	1.89217	1.89217	0.204118	1.48378	1.48378
cg19213675	RIC8A	0.00621712	0.390749	0.787695	-1.26953	0.636207	0.87871	-1.13803	0.0138926	0.438328	-2.2814	0.0172787	0.455216	-2.19676	0.00366703	0.344341	-2.90409
cg24073340	RIC8A;BET1L;BET1L	0.0162297	0.261575	1.20869	1.20869	0.962833	1.00757	1.00757	0.840483	0.9679	-1.03316	0.928993	0.985674	-1.01453	0.000221913	0.369517	-2.70624
cg22273015	RIC8A;BET1L;BET1L	0.0277985	0.35377	0.792713	-1.26149	0.00934491	2.23137	2.23137	0.0625562	1.66578	1.66578	0.0939403	1.56583	1.56583	0.110784	1.52661	1.52661
cg11081185	RIC8A;BET1L;BET1L	0.0447165	0.501226	0.727839	-1.37393	0.802699	0.890027	-1.12356	0.943665	1.03343	1.03343	0.532239	0.744973	-1.34233	0.458242	1.42119	1.42119
cg05510519	RIC8B	0.000383959	0.0311075	0.520987	-1.91943	0.111727	1.56265	1.56265	0.0097266	2.32277	2.32277	0.00435562	0.374689	-2.66888	2.03E-05	0.108655	-9.20344
cg23503691	RIC8B	0.000473268	0.0205594	1.34563	1.34563	0.164835	0.854131	-1.17078	0.00475283	1.49025	1.49025	0.15329	0.849837	-1.1767	4.45E-05	0.439191	-2.27691
cg16037021	RIC8B	0.0116549	0.00209823	0.374618	-2.66939	0.38241	0.816074	-1.22538	0.674705	0.908667	-1.10051	0.103548	0.667675	-1.49773	0.000704111	0.309822	-3.22766
cg12053762	RIC8B	0.025578	0.141919	0.431899	-2.31536	0.420051	1.54962	1.54962	0.0836208	0.361298	-2.7678	0.0418793	3.47936	3.47936	0.0172412	0.213819	-4.67685
cg24053061	RIC8B	0.0290572	0.00408679	0.183327	-5.45474	0.377333	0.671109	-1.49007	0.00412672	0.183871	-5.43859	0.548263	1.30665	1.30665	0.0412829	0.354727	-2.81907
cg06776823	RIC8B	0.0332112	0.00287683	0.183734	-5.44265	0.119928	0.497974	-2.00814	0.103604	0.479221	-2.08672	0.473231	1.35184	1.35184	0.0172701	0.301615	-3.31549
cg17138415	RIC8B	0.0390443	0.0697096	0.519787	-1.92387	0.00970952	0.34809	-2.87282	0.183217	0.634106	-1.57702	0.666415	0.869446	-1.15016	0.0416464	0.468789	-2.13316
cg02537105	RICH2	0.000597163	0.324796	0.844466	-1.18418	0.949636	1.01056	1.01056	1.99E-05	4.20411	4.20411	0.436461	1.14109	1.14109	0.093302	1.35922	1.35922
cg09484559	RICH2	0.000771527	0.00117285	0.284544	-3.5144	0.00102779	0.276983	-3.61032	0.108849	0.630357	-1.5864	0.00672701	0.395601	-2.5278	0.00105318	0.278373	-3.59231
cg04110708	RICH2	0.00257215	0.19337	0.889928	-1.12369	0.872106	1.01374	1.01374	0.981965	0.998087	-1.00192	0.151464	0.877903	-1.13908	0.597816	1.04614	1.04614
cg14824266	RICH2	0.0033552	0.000639388	0.347407	-2.87847	0.557176	0.887151	-1.1272	0.126009	0.716139	-1.39638	0.181899	0.751433	-1.33079	0.0148767	0.546549	-1.82966
cg20131013	RICH2	0.00348889	0.0488496	0.475	-2.10526	0.000237159	0.133292	-7.50231	0.969872	1.01258	1.01258	0.197327	0.636984	-1.5699	0.0217002	0.401716	-2.48932
cg24185926	RICH2	0.00927287	0.183373	0.74774	-1.33736	0.247097	1.28303	1.28303	0.229327	1.29663	1.29663	0.89439	1.02773	1.02773	0.234279	1.29274	1.29274
cg07658936	RICH2	0.0108131	0.28556	0.759336	-1.31694	0.0676466	0.601609	-1.66221	0.581859	0.871054	-1.14803	0.0293627	0.528888	-1.89076	0.00028894	0.230396	-4.34036
cg24072311	RICH2	0.0201855	0.349526	1.1514	1.1514	0.306937	1.16746	1.16746	0.393113	1.13663	1.13663	0.157986	1.24729	1.24729	0.935643	1.01189	1.01189
cg18125090	RICS;RICS	0.000343767	0.0594343	1.45004	1.45004	3.62E-05	0.249066	-4.015	0.000428586	0.377776	-2.64707	0.240977	1.23909	1.23909	0.0242648	1.59844	1.59844
cg02969164	RICS;RICS	0.00967867	0.0168159	0.334315	-2.99119	0.0178767	2.94783	2.94783	0.0675019	0.463305	-2.1584	0.00984618	0.293688	-3.40497	0.302306	0.669428	-1.49381
cg03217256	RICS;RICS	0.0338681	0.542876	0.753893	-1.32645	0.00243094	0.144305	-6.92975	0.0278569	0.303566	-3.29418	0.67633	0.824831	-1.21237	0.0652964	0.38709	-2.58338
cg16048537	RICTOR	0.00140208	0.00766127	0.712895	-1.40273	0.255774	1.12427	1.12427	0.0248803	1.30163	1.30163	0.203434	0.87586	-1.14173	0.0327802	1.27966	1.27966
cg12631819	RICTOR	0.0020269	0.0391838	1.40552	1.40552	0.00167772	0.526893	-1.89792	0.00647905	0.603599	-1.65673	0.0321268	1.43052	1.43052	0.0258187	1.45867	1.45867
ch.5.838196R	RICTOR	0.00205274	0.217806	0.862612	-1.15927	0.544825	0.932521	-1.07236	0.948784	1.00735	1.00735	0.884815	0.983611	-1.01666	0.0129545	1.42134	1.42134
cg07148370	RICTOR	0.00245062	0.850938	0.96037	-1.04127	0.0132528	0.516952	-1.93442	0.000541374	0.314707	-3.17756	0.282881	0.786755	-1.27104	0.00263543	0.408741	-2.44654
cg23455224	RICTOR	0.00523245	0.215771	1.2749	1.2749	0.383658	1.18041	1.18041	0.019824	1.70946	1.70946	0.0309952	1.61682	1.61682	0.0208737	0.588796	-1.69838
cg26542302	RICTOR	0.00586185	0.255602	0.826087	-1.21053	0.215158	0.810556	-1.23372	0.0504049	0.698376	-1.43189	0.268389	1.20391	1.20391	0.111095	1.32237	1.32237
cg18393905	RICTOR	0.00923457	0.559373	0.851093	-1.17496	0.00035462	0.208766	-4.79004	0.729403	0.909514	-1.09949	0.269634	0.73054	-1.36885	0.051573	0.545966	-1.83161
cg15421984	RICTOR	0.0150123	0.387017	0.553541	-1.80655	0.141024	2.87472	2.87472	0.669847	1.33118	1.33118	0.638194	0.729128	-1.3715	0.50576	0.637399	-1.56888
cg06491101	RICTOR	0.0492309	0.550446	1.11696	1.11696	0.0144769	0.575985	-1.73616	0.118892	0.733504	-1.36332	0.0863102	0.706828	-1.41477	0.153035	1.32338	1.32338
cg03065822	RIF1	0.0135185	0.347215	0.811191	-1.23276	0.614878	0.896127	-1.11591	0.68637	1.09172	1.09172	0.34333	0.809737	-1.23497	0.140333	0.709675	-1.4091
cg02765418	RIF1	0.0176293	0.934864	0.98156	-1.01879	0.00989952	0.476141	-2.10022	0.0190528	0.524012	-1.90835	0.819765	1.05334	1.05334	0.752131	1.07481	1.07481
cg19806242	RIF1	0.0307494	0.0193318	0.189135	-5.28723	0.034586	0.234435	-4.26558	0.8641	0.904071	-1.10611	0.730029	1.22621	1.22621	0.0630992	0.292106	-3.42341
cg08475827	RIF1	0.0492558	0.45393	1.21687	1.21687	0.427096	0.81169	-1.232	0.950202	1.0162	1.0162	0.882922	1.03864	1.03864	0.0166512	0.47131	-2.12175
cg02571819	RILPL1	0.00345107	0.00174304	1.59546	1.59546	0.982029	0.997646	-1.00236	0.00123253	1.63965	1.63965	0.0348984	1.29343	1.29343	0.0379586	0.777379	-1.28637
cg08732579	RILPL1	0.015239	0.454391	1.26937	1.26937	0.000562217	0.187539	-5.33222	0.972877	0.989415	-1.0107	0.777591	1.09268	1.09268	0.1129	1.71616	1.71616
cg14975184	RILPL1	0.0366314	0.750854	0.946425	-1.05661	0.0687224	0.703159	-1.42215	0.857409	0.969389	-1.03158	0.00226504	0.477889	-2.09253	0.443996	0.873805	-1.14442
cg14086122	RILPL2	0.00195982	0.00383229	0.30508	-3.27782	0.00175427	0.25716	-3.88863	0.0115808	0.382347	-2.61542	0.206842	0.666668	-1.5	0.00466683	0.317995	-3.1447
cg05861255	RILPL2	0.00503809	0.260015	1.27647	1.27647	0.0336072	0.597115	-1.67472	0.147472	0.724042	-1.38113	0.510711	1.14867	1.14867	0.0988032	0.686585	-1.45648
cg01954353	RILPL2;RILPL2	0.000435327	0.011815	0.812637	-1.23056	0.00113674	0.729125	-1.37151	0.0481755	1.1607	1.1607	0.359572	0.939727	-1.06414	0.0210514	0.832655	-1.20098
cg17192862	RIMBP2	2.15E-07	2.52E-07	0.0854665	-11.7005	0.000900304	0.451119	-2.21671	1.93E-05	0.249114	-4.01422	0.00454139	0.545695	-1.83252	3.14E-07	0.09149	-10.9302
cg25220574	RIMBP2	3.85E-06	0.120702	1.19495	1.19495	0.115401	0.834323	-1.19858	0.537828	0.936114	-1.06825	0.0592808	1.25275	1.25275	6.84E-08	0.146525	-6.82479
cg11753366	RIMBP2	4.97E-06	0.000212289	0.534002	-1.87265	0.00518024	1.45362	1.45362	0.13395	0.84889	-1.17801	0.0488074	0.796076	-1.25616	6.19E-06	0.358882	-2.78643
cg03702677	RIMBP2	6.20E-06	0.650298	1.07141	1.07141	0.00189434	0.514111	-1.9451	0.00545125	0.575504	-1.73761	0.196571	1.22919	1.22919	1.45E-05	0.255896	-3.90784
cg23356310	RIMBP2	1.53E-05	1.23E-05	0.211501	-4.72811	0.248492	1.22536	1.22536	0.000441881	0.392705	-2.54644	0.00103638	0.441093	-2.26709	3.21E-06	0.155946	-6.41246
cg05138150	RIMBP2	7.17E-05	0.72359	0.938648	-1.06536	2.14E-05	4.59593	4.59593	0.00387993	2.00066	2.00066	0.430169	0.866251	-1.1544	0.000258523	0.342317	-2.92127
cg05159290	RIMBP2	7.29E-05	0.630516	0.929669	-1.07565	0.00234701	1.89435	1.89435	0.309137	0.853526	-1.17161	0.466338	1.118	1.118	0.0714106	0.738624	-1.35387
cg05399225	RIMBP2	7.97E-05	0.104276	0.71133	-1.40582	0.628467	0.910718	-1.09803	0.000859756	0.382917	-2.61153	0.661544	0.918978	-1.08817	4.02E-06	0.12829	-7.79485
cg23877021	RIMBP2	9.12E-05	0.000107331	0.640457	-1.56138	0.000627144	1.40908	1.40908	0.926659	0.994013	-1.00602	0.732441	1.02263	1.02263	0.000985489	0.726561	-1.37635
cg06403845	RIMBP2	0.000115778	0.510309	0.900908	-1.10999	0.548664	1.09947	1.09947	0.219853	0.817427	-1.22335	0.117422	0.766646	-1.30438	0.000203477	0.377868	-2.64643
cg07703756	RIMBP2	0.000204048	0.911555	0.967456	-1.03364	0.104887	1.69502	1.69502	0.205813	0.672062	-1.48796	0.837758	1.06295	1.06295	0.000255582	0.166411	-6.00921
cg03255846	RIMBP2	0.000219233	0.245258	0.774409	-1.29131	0.843405	0.959251	-1.04248	0.000325919	0.294684	-3.39347	0.245464	1.29115	1.29115	0.0952025	0.680014	-1.47056
cg04803676	RIMBP2	0.000241162	0.091415	0.715403	-1.39781	0.0363113	1.55037	1.55037	0.00621694	0.525889	-1.90154	0.161453	0.763828	-1.3092	0.00783799	0.540748	-1.84929
cg24272907	RIMBP2	0.000252139	0.0670536	0.617184	-1.62026	0.0126523	0.482531	-2.0724	0.0238741	0.530575	-1.88475	0.012368	0.480871	-2.07956	0.000122707	0.206874	-4.83385
cg26945941	RIMBP2	0.000336588	0.0298204	0.659961	-1.51524	0.665251	0.931683	-1.07333	0.0069234	0.566595	-1.76493	0.29507	0.838187	-1.19305	0.0260909	0.651057	-1.53596
cg06101079	RIMBP2	0.00048274	0.496006	0.868834	-1.15097	0.228942	1.29281	1.29281	0.144113	0.726745	-1.376	0.299547	0.803571	-1.24445	0.00281841	0.433056	-2.30917
cg02802376	RIMBP2	0.000519832	0.000671794	0.563707	-1.77397	0.0188103	0.7308	-1.36836	0.102838	0.821477	-1.21732	0.0707256	0.800499	-1.24922	0.000191296	0.500328	-1.99869
cg19575683	RIMBP2	0.000684303	1.30E-05	0.232729	-4.29685	0.943409	0.988752	-1.01138	0.0602037	0.713371	-1.40179	0.910337	0.98221	-1.01811	0.00761853	0.57884	-1.72759
cg19525872	RIMBP2	0.000750424	0.0100055	0.400875	-2.49454	0.154201	1.53537	1.53537	0.0956917	0.597826	-1.67273	0.198578	1.46509	1.46509	0.113991	0.616721	-1.62148
cg15026456	RIMBP2	0.00104273	0.0254329	0.316553	-3.15903	0.195571	0.552788	-1.80901	0.0253679	0.316333	-3.16122	0.151761	1.94456	1.94456	0.000641515	0.103409	-9.6703
cg11294241	RIMBP2	0.00110136	0.600981	1.15524	1.15524	0.00852941	2.504	2.504	0.306653	0.748699	-1.33565	0.691284	1.11533	1.11533	0.000396181	0.213841	-4.67637
cg10948795	RIMBP2	0.00115861	8.30E-05	0.143155	-6.98545	0.619135	0.871561	-1.14737	0.845789	0.947983	-1.05487	0.265432	1.37489	1.37489	0.0703242	1.74189	1.74189
cg20111978	RIMBP2	0.00116228	0.00230609	0.13669	-7.31581	0.00902181	0.217362	-4.60061	0.125319	0.475791	-2.10177	0.00457392	0.173833	-5.75265	0.00033913	0.062836	-15.9144
cg23157948	RIMBP2	0.0012377	0.00716467	0.581898	-1.71851	0.0151069	1.59298	1.59298	0.0214122	0.649803	-1.53893	0.244612	0.827108	-1.20903	0.00086948	0.458815	-2.17953
cg25577202	RIMBP2	0.00140823	0.187371	0.779113	-1.28351	0.429316	1.15502	1.15502	0.0026908	0.476709	-2.09772	0.0838741	0.710565	-1.40733	5.09E-05	0.257758	-3.87961
cg02126688	RIMBP2	0.0014497	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11054192	RIMBP2	0.00152177	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15858166	RIMBP2	0.0017328	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04227871	RIMBP2	0.00201269	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12901574	RIMBP2	0.0025446	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25577497	RIMBP2	0.00258643	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00034130	0.464009	1.07222	1.07222	0.0282472	1.27427	1.27427	0.50365	1.06556	1.06556	0.0977372	1.18529	1.18529	4.39801	0.609782	0.123244	1
cg22065591	0.0203333	1.57282	1.57282	0.001998	2.02679	2.02679	0.830537	0.965893	-1.03531	0.47855	1.12373	1.12373	4.26672	1.77163	0.369084	1
cg05482837	0.106196	0.824052	-1.21352	0.36757	1.10685	1.10685	0.074715	1.24327	1.24327	0.125234	1.19963	1.19963	3.6156	0.688912	0.169368	1
cg07768107	0.723312	0.832392	-1.20136	0.0391396	0.291719	-3.42795	0.824967	1.1211	1.1211	0.0441642	0.303238	-3.29774	3.56197	15.025	3.7495	1
cg24186774	0.0800804	0.390162	-2.56304	0.00671211	0.18196	-5.49572	0.093701	0.409246	-2.44352	0.100966	0.418689	-2.38841	4.11129	15.2965	3.30719	1
cg20449833	0.00120324	2.91552	2.91552	0.0508904	0.60547	-1.65161	0.00214876	2.64401	2.64401	0.0201069	1.88244	1.88244	9.57114	7.71476	0.716483	1
cg03861105	0.501751	0.863236	-1.15843	0.00074173	0.331225	-3.01909	0.061821	1.57411	1.57411	0.0601753	0.632986	-1.57981	4.97514	3.66643	0.655068	1
cg13461192	0.0589431	1.80607	1.80607	0.0088122	2.52026	2.52026	0.00224011	3.27448	3.27448	0.20111	1.45385	1.45385	4.18663	5.09376	1.08149	1
cg21681030	0.00235854	1.70694	1.70694	0.0102483	1.50365	1.50365	0.576664	0.931381	-1.07367	0.547722	1.07969	1.07969	3.71895	0.935722	0.223652	1
cg08037937	0.669473	1.20782	1.20782	0.852848	1.08501	1.08501	0.439409	1.4155	1.4155	0.114596	2.14638	2.14638	3.90599	11.688	2.32736	1
cg17839427	0.00827826	0.591205	-1.69146	0.00662455	1.73093	1.73093	0.00437793	1.80843	1.80843	0.0861308	0.744384	-1.34339	7.49512	2.87678	0.341174	1
cg01551258	0.464726	0.788707	-1.2679	0.743906	1.11024	1.11024	0.00512316	3.25333	3.25333	0.50124	0.804321	-1.24328	5.68706	9.1658	1.43262	1
cg10039857	0.013922	1.5124	1.5124	0.000557919	2.07312	2.07312	0.889604	1.01909	1.01909	0.000251685	0.439558	-2.27501	19.7835	5.81018	0.261055	1
cg10866461	0.00488666	1.34576	1.34576	0.0081565	1.30938	1.30938	0.0459684	0.833533	-1.19971	0.00255209	0.716636	-1.39541	7.13273	0.715896	0.0892157	1
cg09774854	0.0426735	0.340473	-2.93709	0.00216748	0.137095	-7.2942	0.792925	0.885612	-1.12916	0.00288099	0.150695	-6.63593	6.84143	23.1001	3.00133	1
cg06674117	0.870153	0.911497	-1.0971	0.000651854	0.0517894	-19.309	0.882698	1.08723	1.08723	0.0926468	0.350574	-2.85246	5.13797	26.1097	4.51708	1
cg22883623	0.593947	0.936572	-1.06772	0.800114	0.969576	-1.03138	0.348035	1.12486	1.12486	0.0900632	1.25547	1.25547	4.22002	0.991147	0.208771	1
cg13960358	0.152964	1.34944	1.34944	0.00827521	0.516258	-1.93701	0.117318	0.716702	-1.39528	0.0802725	1.4622	1.4622	3.64229	2.21176	0.539773	1
cg06024236	?	?	?	0.441137	1.83527	1.83527	0.894329	0.90264	-1.10786	0.726498	1.31103	1.31103	4.00386	32.7761	7.16286	1
cg25004693	0.000716697	0.125067	-7.99569	0.568824	0.792576	-1.26171	0.623632	1.22098	1.22098	0.968408	0.98414	-1.01612	15.5639	40.1673	2.29405	1
cg00093058	0.000999127	0.601303	-1.66306	0.840212	0.979207	-1.02123	0.904457	0.987579	-1.01258	0.0136779	1.37354	1.37354	9.24993	1.58714	0.152519	1
cg05220042	0.375543	1.11966	1.11966	0.711735	0.95492	-1.04721	0.178864	0.837379	-1.1942	0.283221	0.870607	-1.14862	9.11023	2.22847	0.217433	1
cg05536644	0.0034703	0.675111	-1.48124	0.00738175	1.40758	1.40758	0.126511	0.849003	-1.17785	0.427335	0.922879	-1.08357	6.82184	1.05957	0.138063	1
cg00369786	0.0769534	0.580995	-1.72119	0.114566	0.622609	-1.60614	0.917472	0.971789	-1.02903	0.0645479	0.563678	-1.77406	4.81844	5.8172	1.07314	1
cg03234970	0.0462752	0.622908	-1.60537	0.793089	1.05601	1.05601	0.021377	1.77416	1.77416	0.0838386	1.48684	1.48684	4.07298	2.77282	0.60514	1
cg06553210	0.0264671	0.512274	-1.95208	0.609861	1.13978	1.13978	0.749804	1.08474	1.08474	0.10384	0.636261	-1.57168	3.58009	3.66454	0.909855	1
cg24531915	0.0157494	0.568912	-1.75774	0.00346574	0.469363	-2.13055	0.381135	0.842632	-1.18676	0.23406	1.26843	1.26843	11.0022	6.33095	0.511489	1
cg20845805	0.339138	0.918105	-1.0892	0.00020158	0.582247	-1.71748	0.266476	1.10562	1.10562	0.195835	1.12595	1.12595	6.28711	0.748885	0.105879	1
cg12127991	0.364694	0.758603	-1.31821	0.00837218	0.368163	-2.71619	0.0210449	0.439041	-2.27769	0.757076	0.912076	-1.0964	5.65568	7.88063	1.23858	1
cg03145930	0.106659	0.343253	-2.9133	0.0135152	0.156354	-6.39574	0.00919092	0.134311	-7.44538	0.147218	0.389023	-2.57054	5.07198	29.5972	5.18706	1
cg03099045	0.0424882	1.72017	1.72017	0.0090804	2.15929	2.15929	0.980214	1.00577	1.00577	0.41287	1.21456	1.21456	4.15301	3.54595	0.758956	1
cg05962139	0.390885	0.896436	-1.11553	0.00230317	0.588784	-1.69841	0.681502	1.05266	1.05266	0.00476909	0.627532	-1.59355	7.0005	1.71462	0.217714	1
cg25725117	0.000686007	0.327802	-3.05062	0.00416508	0.437788	-2.28421	0.0192059	0.543691	-1.83928	0.170748	0.730694	-1.36856	6.49541	4.75973	0.651363	1
cg23010344	0.16112	0.904344	-1.10577	0.118892	0.892518	-1.12043	0.350034	1.06676	1.06676	0.298777	0.930205	-1.07503	5.18116	0.370327	0.0635339	1
cg04866639	0.123688	1.65416	1.65416	0.00771055	2.8103	2.8103	0.00403139	3.20898	3.20898	0.221533	1.47382	1.47382	5.30336	7.65268	1.28265	1
cg24419284	0.000767331	0.0583332	-17.1429	0.0457599	0.278826	-3.58647	0.596912	0.742564	-1.34668	0.0465362	0.280455	-3.56563	5.20169	25.6231	4.37859	1
cg01142969	0.139027	0.443041	-2.25713	0.0926601	0.388292	-2.57538	0.0404231	3.35409	3.35409	0.877164	1.08229	1.08229	3.81466	15.7912	3.67965	1
cg19596020	0.345009	0.8362	-1.19589	0.00263403	0.465043	-2.15034	0.10401	0.721137	-1.3867	0.0420314	0.649917	-1.53866	5.28797	2.83309	0.476232	1
cg18930892	0.012817	1.84051	1.84051	0.134656	1.3748	1.3748	0.431849	1.17154	1.17154	0.00165714	0.41134	-2.43108	9.14401	5.64032	0.548295	1
cg04312965	0.0730726	1.52306	1.52306	0.002523	2.41715	2.41715	0.347476	0.815798	-1.22579	0.56739	1.12937	1.12937	4.81275	3.37614	0.623554	1
cg00890110	0.92136	0.96248	-1.03898	0.0249208	2.81118	2.81118	0.282584	0.648936	-1.54098	0.635476	0.831158	-1.20314	3.38853	8.04932	2.11152	1
cg22437276	0.00625877	0.448986	-2.22724	7.32E-05	0.197633	-5.05988	0.0103573	0.48391	-2.0665	0.175133	0.723162	-1.38282	10.5467	8.43926	0.711271	1
cg14317001	0.127805	1.27092	1.27092	0.0410401	1.40961	1.40961	0.649923	0.935631	-1.0688	0.0384087	0.705176	-1.41809	6.85072	2.30055	0.298499	1
cg02337897	0.492482	0.838012	-1.1933	0.158614	0.682476	-1.46525	0.323966	0.772403	-1.29466	0.758187	0.9247	-1.08143	5.07695	5.1678	0.904796	1
cg18002896	0.670261	0.949511	-1.05317	0.000886034	0.547438	-1.82669	0.0116529	0.682941	-1.46426	0.253149	1.15531	1.15531	5.02192	1.1637	0.205977	1
cg23041896	0.0144671	0.242034	-4.13166	0.0311116	0.303872	-3.29086	0.0917793	0.417291	-2.39641	0.105353	0.434735	-2.30025	4.43931	15.5838	3.12036	1
cg05991938	0.230536	1.42383	1.42383	0.959679	1.0143	1.0143	0.0401431	0.513665	-1.94679	0.531609	0.83694	-1.19483	4.28923	5.36096	1.11099	1
cg22914595	0.19586	0.554541	-1.80329	0.0094131	0.241972	-4.13271	0.0234378	0.311284	-3.2125	0.0350205	0.346863	-2.88298	4.2056	12.3765	2.61587	1
cg11988591	0.130269	0.65494	-1.52686	1.23E-05	0.0917546	-10.8986	0.0127805	0.448878	-2.22778	0.000452347	0.238901	-4.18584	23.82	25.3012	0.944164	1
cg15118665	0.0165957	0.610765	-1.63729	0.000247155	0.360605	-2.77312	0.843612	1.03385	1.03385	0.00136906	0.457147	-2.18748	16.562	7.44932	0.399808	1
cg10397774	0.155674	0.784931	-1.274	0.946594	1.01074	1.01074	5.74E-05	3.28681	3.28681	0.150483	1.27848	1.27848	9.13568	3.67668	0.357736	1
cg13311607	0.282098	0.718921	-1.39097	0.013519	0.405559	-2.46573	0.0722048	1.80831	1.80831	0.202003	0.671843	-1.48844	4.72507	6.52279	1.22708	1
cg13159388	0.323144	0.682956	-1.46422	0.0794284	0.483112	-2.06991	0.10099	0.511127	-1.95646	0.0118279	0.308997	-3.23628	4.22195	9.33591	1.96558	1
cg18084798	0.0983945	0.836107	-1.19602	0.261548	0.890809	-1.12257	0.0651944	1.22684	1.22684	0.64119	0.954707	-1.04744	9.48899	1.46566	0.137297	1
cg04995391	0.0789465	1.57081	1.57081	0.842153	1.04724	1.04724	0.205898	1.36191	1.36191	0.407382	0.821857	-1.21676	6.42735	5.45498	0.754411	1
cg22062383	0.071734	0.376344	-2.65715	0.0782654	0.386428	-2.5878	0.122908	0.443795	-2.25329	0.150329	0.472651	-2.11572	4.22971	15.8257	3.32582	1
cg03360001	0.00753383	0.237687	-4.20721	0.769303	1.13075	1.13075	0.671282	1.19527	1.19527	0.000169628	0.0690895	-14.474	16.0399	44.3523	2.45788	1
cg21515329	0.660162	0.957677	-1.04419	0.85542	1.01799	1.01799	0.0841517	0.829645	-1.20533	0.438451	0.925666	-1.0803	38.183	5.77667	0.134479	1
cg24091241	0.372951	0.713387	-1.40176	0.182539	0.593128	-1.68598	0.619287	0.831147	-1.20316	0.312482	0.679919	-1.47076	6.85775	14.8081	1.9194	1
cg04014059	0.292272	1.34567	1.34567	0.0016612	0.29447	-3.39593	0.6699	1.12357	1.12357	0.118732	0.631193	-1.5843	7.85101	9.18003	1.03936	1
cg15911859	0.857052	1.05946	1.05946	0.0112581	0.361621	-2.76533	0.230307	0.668191	-1.49658	0.480742	0.794838	-1.25812	3.46502	5.63225	1.44485	1
cg17603132	0.000495396	0.468543	-2.13428	0.313079	0.86495	-1.15614	0.0136768	0.654417	-1.52808	0.0674229	1.32968	1.32968	9.2334	2.82735	0.272186	1
cg27349081	0.815409	1.02894	1.02894	8.08E-05	0.419945	-2.38126	0.191762	1.18361	1.18361	0.438579	1.10117	1.10117	9.11876	2.14883	0.209466	1
cg04041669	0.0739731	0.779885	-1.28224	6.17E-05	0.397599	-2.5151	0.0633983	0.770583	-1.29772	0.129889	0.815261	-1.2266	8.23347	2.03226	0.219404	1
cg15524336	0.179717	0.863131	-1.15857	0.000216311	0.528568	-1.89191	0.0162058	0.738027	-1.35496	0.725158	0.964196	-1.03713	7.83832	1.32457	0.15021	1
cg14709449	0.478355	0.806516	-1.2399	0.00164159	0.260542	-3.83815	0.558511	0.838189	-1.19305	0.0254492	0.452808	-2.20844	6.1128	8.61663	1.25298	1
cg25098208	?	?	?	0.00261782	0.185464	-5.39188	0.0217933	0.39812	-2.51181	0.0633056	0.525376	-1.9034	10.6711	5.89596	0.442013	1
cg01560972	0.711966	0.89656	-1.11537	0.00322651	0.306305	-3.26472	0.0764325	0.559713	-1.78663	0.370306	1.31112	1.31112	3.79791	5.21447	1.22043	1
cg19213675	0.00212654	0.309862	-3.22724	0.00276077	0.326112	-3.06643	0.213331	1.42707	1.42707	0.092311	0.604849	-1.65331	6.86334	8.00482	1.03672	1
cg24073340	0.995681	1.00088	1.00088	0.680703	0.935206	-1.06928	0.688352	1.06745	1.06745	0.707593	1.0629	1.0629	5.04699	2.0951	0.368994	1
cg22273015	0.655133	0.896322	-1.11567	0.0516966	0.58325	-1.71453	0.147316	0.684825	-1.46023	0.0840272	1.59276	1.59276	4.19845	3.94181	0.834553	1
cg11081185	0.471734	0.711299	-1.40588	0.000772082	0.09359	-10.6849	0.928033	1.04294	1.04294	0.138299	0.475876	-2.10139	3.53387	12.1207	3.04875	1
cg05510519	0.00655689	0.402515	-2.48438	0.15225	0.673541	-1.48469	0.0933428	1.60907	1.60907	0.715282	0.909911	-1.09901	15.3726	16.1688	0.93493	1
cg23503691	0.0782564	1.23141	1.23141	0.00370118	1.51793	1.51793	0.934771	1.00875	1.00875	0.0353673	1.29786	1.29786	14.5098	2.60189	0.159395	1
cg16037021	0.580936	0.881166	-1.13486	0.399624	1.2161	1.2161	0.969687	0.991415	-1.00866	0.707746	1.08921	1.08921	5.62645	4.5877	0.724783	1
cg12053762	0.637707	0.777098	-1.28684	0.0292389	0.255178	-3.91884	0.0342315	3.71925	3.71925	0.640179	0.778559	-1.28442	4.32269	19.3529	3.9796	1
cg24053061	0.945189	1.03073	1.03073	0.113949	0.469022	-2.1321	0.738055	1.15925	1.15925	0.563748	0.773406	-1.29298	4.13335	12.6891	2.72883	1
cg06776823	0.310769	0.648296	-1.5425	0.0288649	0.344754	-2.90062	0.919467	1.04268	1.04268	0.115623	0.493205	-2.02755	3.94101	10.6598	2.4043	1
cg17138415	0.0397125	0.464342	-2.15358	0.00474622	0.298273	-3.35264	0.0582456	0.501375	-1.99451	0.382432	0.749054	-1.33502	3.71603	6.12413	1.46491	1
cg02537105	0.207389	0.801686	-1.24737	0.00212788	0.48786	-2.04977	0.136146	0.765687	-1.30602	0.188677	1.26055	1.26055	13.6018	5.9545	0.38913	1
cg09484559	0.0713679	1.70135	1.70135	0.000328676	0.216336	-4.62243	0.00295926	0.340756	-2.93465	0.0170116	0.463981	-2.15526	12.6605	13.9635	0.980371	1
cg04110708	0.244672	0.902023	-1.10862	4.05E-05	1.94214	1.94214	0.501553	1.0595	1.0595	0.301656	0.913321	-1.09491	8.95667	1.01832	0.101061	1
cg14824266	0.0189358	0.563739	-1.77387	0.745566	0.936444	-1.06787	0.000216575	0.288044	-3.47169	0.0280609	0.592581	-1.68753	8.2777	5.33248	0.57262	1
cg20131013	0.104121	0.555429	-1.80041	0.00155501	0.221935	-4.50582	0.00273378	0.254416	-3.93057	0.0646608	0.503194	-1.98731	8.18158	14.191	1.54178	1
cg24185926	0.216248	1.30732	1.30732	0.00377218	2.23666	2.23666	0.904758	1.02496	1.02496	0.00113032	0.372812	-2.68232	6.05465	4.06666	0.597031	1
cg07658936	0.79194	0.936483	-1.06782	0.464974	1.20272	1.20272	0.590087	0.873721	-1.14453	0.0172416	0.486662	-2.05482	5.76424	5.62478	0.867384	1
cg24072311	0.0415725	1.41054	1.41054	0.00252946	0.541378	-1.84714	0.975434	1.00452	1.00452	0.0136077	1.56342	1.56342	4.68982	1.59174	0.301692	1
cg18125090	0.1446	1.31477	1.31477	0.916891	0.981936	-1.0184	0.341284	0.842605	-1.1868	0.00315804	0.494381	-2.02273	15.8473	7.6552	0.429388	1
cg02969164	0.491458	1.30011	1.30011	0.0060451	0.260078	-3.84501	0.506369	1.28817	1.28817	0.0406871	0.41168	-2.42907	5.97261	13.343	1.9858	1
cg03217256	0.0530153	0.364765	-2.74149	0.0210525	0.280039	-3.57093	0.711227	1.18597	1.18597	0.250828	0.576743	-1.73388	3.91332	13.0395	2.96184	1
cg16048537	0.707041	0.963407	-1.03798	0.000115894	0.513159	-1.94871	0.00785156	0.714041	-1.40048	0.994059	1.00074	1.00074	10.685	1.64978	0.137247	1
cg12631819	0.0103852	1.58466	1.58466	0.0835343	0.760927	-1.31419	0.0224057	0.676906	-1.47731	0.968542	1.00564	1.00564	9.60443	3.09491	0.286434	1
ch.5.838196R	0.147764	0.837751	-1.19367	0.00378884	0.64066	-1.56089	8.08E-05	0.444449	-2.24997	0.151832	0.839436	-1.19128	9.56901	1.96945	0.182947	1
cg07148370	0.0433921	0.606935	-1.64762	0.0230091	0.557421	-1.79398	0.435938	1.1863	1.1863	0.000495102	0.309731	-3.22861	9.0852	6.64786	0.650421	1
cg23455224	0.137304	1.34909	1.34909	0.00447491	0.479586	-2.08513	0.0314462	0.619601	-1.61394	0.00859564	1.9055	1.9055	8.38508	4.44739	0.412528	1
cg26542302	0.0165138	1.60238	1.60238	0.000346165	2.5261	2.5261	0.108427	1.32565	1.32565	0.932371	0.98643	-1.01376	6.9892	2.86861	0.364831	1
cg18393905	0.0761898	1.71408	1.71408	0.0716587	1.73208	1.73208	0.456295	0.812839	-1.23026	0.219002	0.702522	-1.42344	6.06262	7.16269	1.05018	1
cg15421984	?	?	?	0.834095	1.15015	1.15015	0.000508934	0.0267383	-37.3996	?	?	?	5.40114	29.5986	6.26294	1
cg06491101	0.993429	1.00151	1.00151	0.0223079	1.65106	1.65106	0.64128	1.08971	1.08971	0.849058	1.0355	1.0355	3.40814	1.80966	0.471984	1
cg03065822	0.066007	0.640261	-1.56186	0.000328038	0.285205	-3.50625	0.771769	1.0649	1.0649	0.114139	1.44997	1.44997	5.36111	3.96839	0.657972	1
cg02765418	0.438526	1.19713	1.19713	0.00239261	2.62119	2.62119	0.894859	0.97034	-1.03057	0.906448	0.973585	-1.02713	4.90933	4.03151	0.729949	1
cg19806242	0.00257214	0.0853862	-11.7115	0.0372876	0.240984	-4.14966	0.2668	0.506072	-1.976	0.105129	0.352606	-2.83602	4.05113	22.2349	4.87872	1
cg08475827	0.226602	0.721328	-1.38633	0.00972758	0.431094	-2.31968	0.0165939	0.471044	-2.12294	0.5421	1.17209	1.17209	3.40748	3.57281	0.932015	1
cg02571819	0.0473026	1.2681	1.2681	0.470046	1.07995	1.07995	0.0142925	1.37188	1.37188	0.00539382	1.4672	1.4672	8.20831	1.42392	0.154198	1
cg08732579	0.4796	1.25225	1.25225	0.0291542	0.44726	-2.23583	0.495	1.2422	1.2422	0.801642	1.08198	1.08198	5.15367	7.99649	1.37921	1
cg14975184	0.261951	0.81693	-1.22409	0.0071048	0.548186	-1.8242	0.569297	1.10453	1.10453	0.44593	0.874325	-1.14374	3.80371	1.80004	0.420652	1
cg14086122	0.00393518	0.306797	-3.25948	0.00039255	0.179005	-5.58644	0.548866	0.83132	-1.20291	0.00188525	0.261363	-3.8261	9.69906	14.2491	1.30588	1
cg05861255	0.0407709	0.612213	-1.63342	0.000480968	0.3205	-3.12013	0.0529084	1.57941	1.57941	0.0091957	0.503053	-1.98786	7.32161	5.00502	0.607641	1
cg01954353	0.000131548	0.645397	-1.54943	8.88E-05	0.62929	-1.58909	0.589947	1.03656	1.03656	0.712914	1.02469	1.02469	14.8492	1.02428	0.0613142	1
cg17192862	0.0153882	0.620978	-1.61036	1.77E-08	0.031662	-31.5836	2.85E-06	0.166146	-6.01881	8.76E-07	0.123146	-8.12045	108.421	44.0769	0.361365	1
cg25220574	0.000190137	0.513927	-1.9458	2.39E-05	0.410059	-2.43868	0.0120669	0.718024	-1.39271	0.00223315	0.635629	-1.57324	51.919	9.20918	0.157668	1
cg11753366	0.00106512	1.63279	1.63279	0.252972	1.12865	1.12865	1.34E-06	0.285358	-3.50437	1.10E-05	0.386984	-2.58409	48.6122	7.90963	0.14463	1
cg03702677	0.000213569	0.392741	-2.54621	2.10E-07	0.0929109	-10.763	0.000181878	0.384111	-2.60341	8.72E-05	0.34523	-2.89662	45.9095	16.6076	0.321553	1
cg23356310	3.88E-06	0.16327	-6.12481	0.138114	0.764157	-1.30863	0.00128542	0.45358	-2.20468	0.00560845	0.541913	-1.84532	36.3264	16.3292	0.399567	1
cg05138150	0.0824045	1.40923	1.40923	0.00872665	0.551128	-1.81446	0.000172681	0.320652	-3.11865	0.0591938	0.683983	-1.46202	24.1956	12.1827	0.447561	1
cg05159290	0.0754507	0.742451	-1.34689	1.50E-06	0.159668	-6.26298	0.436295	0.887362	-1.12694	0.000841485	0.469705	-2.129	24.0863	8.63733	0.318755	1
cg05399225	0.0549343	0.658705	-1.51813	0.0276751	0.606956	-1.64756	3.68E-05	0.218026	-4.58661	0.000205917	0.30347	-3.29522	23.5202	13.7038	0.517901	1
cg23877021	3.90E-05	0.598272	-1.67148	0.00226566	0.756853	-1.32126	0.0143282	0.821239	-1.21767	0.0472221	1.15962	1.15962	22.6936	1.52892	0.0598865	1
cg06403845	0.763096	1.04837	1.04837	0.0979886	0.753038	-1.32795	2.57E-06	0.169536	-5.89845	0.000676271	0.443944	-2.25254	21.2887	8.23277	0.343752	1
cg07703756	0.233531	0.689416	-1.4505	8.89E-06	0.0568035	-17.6046	0.00203353	0.273813	-3.65213	0.00180704	0.266819	-3.74786	18.2716	25.6573	1.24819	1
cg03255846	0.0181347	0.546857	-1.82863	3.89E-06	0.104138	-9.60269	0.71361	0.925391	-1.08062	0.0953503	0.680154	-1.47026	17.919	12.5572	0.622913	1
cg04803676	0.000593659	0.384659	-2.59971	2.53E-05	0.22167	-4.5112	0.00315131	0.483356	-2.06887	0.000202424	0.325317	-3.07393	17.4603	8.9764	0.45698	1
cg24272907	0.816247	0.946745	-1.05625	0.000224818	0.236225	-4.23325	0.000169773	0.222361	-4.49719	5.25E-05	0.169214	-5.90969	17.2499	15.1008	0.778146	1
cg26945941	0.86581	1.02787	1.02787	0.408575	0.871623	-1.14729	9.98E-06	0.214024	-4.67238	0.000131463	0.340045	-2.94079	15.9394	6.67049	0.371993	1
cg06101079	0.00201782	0.4123	-2.42542	4.95E-05	0.21222	-4.71209	0.00823467	0.502853	-1.98865	0.000149202	0.265712	-3.76348	14.4304	9.45589	0.582467	1
cg02802376	0.403044	0.910017	-1.09888	0.0011418	0.590323	-1.69399	0.000321393	0.52656	-1.89912	0.000186838	0.499134	-2.00347	14.1371	2.7185	0.17093	1
cg19575683	0.170027	1.26221	1.26221	0.132391	1.2953	1.2953	0.227858	0.817345	-1.22347	0.0261525	0.656759	-1.52263	13.0939	5.26516	0.35743	1
cg19525872	0.0383259	0.509299	-1.96348	3.09E-05	0.101617	-9.84087	0.00211673	0.296823	-3.36901	0.0054079	0.357294	-2.79882	12.7595	15.9688	1.11246	1
cg15026456	0.533768	0.761148	-1.3138	8.45E-05	0.0468418	-21.3485	0.0139704	0.268561	-3.72355	0.00193232	0.149552	-6.68663	11.6277	34.5373	2.64024	1
cg11294241	0.847179	1.05418	1.05418	0.000386048	0.212552	-4.70473	0.0911298	0.601172	-1.66342	0.00246523	0.316201	-3.16254	11.4483	13.5593	1.0528	1
cg10948795	0.00967926	2.45473	2.45473	0.0112354	0.418378	-2.39018	0.174745	0.673018	-1.48584	0.00732743	0.387363	-2.58156	11.2842	13.4498	1.05948	1
cg20111978	0.000759566	0.0889931	-11.2368	0.00026729	0.0563231	-17.7547	0.00320211	0.1537	-6.50617	0.00395032	0.165342	-6.04808	13.667	41.4462	2.35867	1
cg23157948	0.00667408	0.577615	-1.73126	0.0607945	0.7192	-1.39043	0.000434559	0.420035	-2.38075	0.00414561	0.549157	-1.82097	11.0735	4.26519	0.342374	1
cg25577202	0.633782	0.91784	-1.08951	0.207501	1.26798	1.26798	0.0127778	0.575497	-1.73763	0.0114191	0.568075	-1.76033	10.6716	5.39284	0.449198	1
cg02126688	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11054192	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15858166	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04227871	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12901574	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25577497	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03508504	RIMBP2	0.00416945	0.13596	0.694192	-1.44052	0.0724837	0.634268	-1.57662	0.131341	0.690699	-1.44781	0.886232	0.968001	-1.03306	0.000399877	0.278146	-3.59523
cg23373401	RIMBP2	0.00436573	0.0155427	0.341776	-2.92589	0.528584	1.25983	1.25983	0.0119236	0.32135	-3.11187	0.544514	0.800995	-1.24845	0.0857244	0.503027	-1.98796
cg24007169	RIMBP2	0.00464616	0.150687	0.610447	-1.63814	0.402486	0.759914	-1.31594	0.243345	0.676256	-1.47873	0.953603	0.981528	-1.01882	0.00209879	0.249935	-4.00105
cg11002258	RIMBP2	0.00494992	0.26676	0.668962	-1.49485	0.00308301	0.244773	-4.08541	0.00689863	0.296661	-3.37085	0.195452	1.60921	1.60921	0.00817946	0.308555	-3.24091
cg13009098	RIMBP2	0.00509109	0.0221781	0.565354	-1.7688	0.166793	0.735968	-1.35875	0.373429	0.826936	-1.20928	0.0637188	1.54266	1.54266	0.0472668	0.623691	-1.60336
cg20210558	RIMBP2	0.00518683	0.875533	0.963791	-1.03757	0.744809	0.926034	-1.07987	0.234308	0.745769	-1.3409	0.997649	0.999307	-1.00069	0.000997921	0.316627	-3.15829
cg10063169	RIMBP2	0.0061239	0.0135269	0.321635	-3.10912	0.504613	0.777801	-1.28568	0.318492	0.682058	-1.46615	0.161591	0.574216	-1.74151	0.0117888	0.31122	-3.21316
cg18893868	RIMBP2	0.00762151	0.947433	0.977671	-1.02284	0.15474	1.68475	1.68475	0.726119	0.886523	-1.128	0.51824	1.25148	1.25148	0.589463	0.829791	-1.20512
cg03433362	RIMBP2	0.00785391	0.371944	0.795966	-1.25634	0.574933	1.15148	1.15148	0.245131	0.738863	-1.35343	0.208415	0.718824	-1.39116	0.00549162	0.402998	-2.4814
cg26994413	RIMBP2	0.00803598	0.00586832	0.482555	-2.0723	0.0199067	1.76454	1.76454	0.0966634	0.69175	-1.44561	0.770998	0.942728	-1.06075	0.282416	0.797948	-1.25321
cg21544698	RIMBP2	0.00825323	0.144059	0.345201	-2.89686	0.408485	0.563854	-1.77351	0.0128833	0.123352	-8.10687	0.504057	0.631602	-1.58327	0.000381222	0.0213848	-46.7622
cg27170427	RIMBP2	0.0083801	0.910959	0.961264	-1.0403	0.0222869	2.63088	2.63088	0.989022	0.995153	-1.00487	0.409502	0.742384	-1.34701	0.93926	1.02728	1.02728
cg08066721	RIMBP2	0.00854079	0.158719	0.768662	-1.30096	0.5696	0.904503	-1.10558	0.0556589	0.684738	-1.46041	0.978381	0.995279	-1.00474	0.410825	0.863397	-1.15822
cg15811568	RIMBP2	0.00879141	0.394536	0.785457	-1.27314	0.878875	1.04313	1.04313	0.366319	0.773358	-1.29306	0.591991	1.16162	1.16162	0.00401694	0.342884	-2.91644
cg16086237	RIMBP2	0.0120365	0.0110218	0.233081	-4.29035	0.0110745	0.233411	-4.28428	0.0697441	0.396024	-2.5251	0.186983	0.527925	-1.89421	0.0197238	0.276327	-3.6189
cg03391667	RIMBP2	0.0131265	0.932166	1.00981	1.00981	0.981399	1.00268	1.00268	0.559933	1.06992	1.06992	0.353221	1.11575	1.11575	0.961662	1.00553	1.00553
cg11915787	RIMBP2	0.0139348	0.225026	0.832022	-1.20189	0.670839	1.06364	1.06364	0.227965	1.20036	1.20036	0.00540639	0.589561	-1.69618	0.00560009	0.591595	-1.69034
cg25103726	RIMBP2	0.014413	0.929027	1.02404	1.02404	0.2777	0.740071	-1.35122	0.0131993	0.440776	-2.26873	0.12817	0.64498	-1.55044	0.695264	0.900348	-1.11068
cg25703213	RIMBP2	0.0148398	0.0456664	0.687464	-1.45462	0.632929	1.08187	1.08187	0.0289175	0.656222	-1.52387	0.711555	0.941065	-1.06263	0.0090079	0.580959	-1.72129
cg16201003	RIMBP2	0.0157301	0.410856	0.774202	-1.29165	0.332696	0.737782	-1.35541	0.38828	0.764075	-1.30877	0.397632	1.30157	1.30157	0.0817671	0.556001	-1.79856
cg18861551	RIMBP2	0.0161873	0.00986932	0.181597	-5.50671	0.192996	0.486383	-2.05599	0.121347	0.415311	-2.40783	0.121104	0.415033	-2.40945	0.00318171	0.121534	-8.22813
cg10809023	RIMBP2	0.0164908	0.999884	1.00003	1.00003	0.0856203	0.679655	-1.47133	0.1575	0.735493	-1.35963	0.00727972	2.02089	2.02089	0.220941	1.29892	1.29892
cg01163340	RIMBP2	0.0166481	0.485126	0.759242	-1.3171	0.277382	1.55058	1.55058	0.189775	0.583176	-1.71475	0.868191	0.937544	-1.06662	0.00175585	0.177091	-5.64681
cg08329471	RIMBP2	0.0175842	0.35055	1.16539	1.16539	0.0987439	1.33425	1.33425	0.00869604	0.587052	-1.70343	0.121498	1.30659	1.30659	0.323171	0.849972	-1.17651
cg26491818	RIMBP2	0.0203947	0.410651	0.45794	-2.18369	0.0306533	10.5621	10.5621	0.578327	1.68409	1.68409	0.82151	0.810776	-1.23339	0.0214802	0.0769782	-12.9907
cg01654327	RIMBP2	0.0207415	0.064294	0.463225	-2.15878	0.38617	0.719746	-1.38938	0.210104	0.613288	-1.63056	0.920178	1.0378	1.0378	0.0065549	0.27055	-3.69617
cg13816414	RIMBP2	0.0216226	0.00542976	0.295919	-3.3793	0.714345	0.884834	-1.13016	0.438959	0.768945	-1.30048	0.254835	0.673205	-1.48543	0.00106501	0.199887	-5.00282
cg22203659	RIMBP2	0.023755	0.800086	1.0941	1.0941	0.00314237	4.18215	4.18215	0.0116141	3.05912	3.05912	0.527176	1.25491	1.25491	0.304401	0.685939	-1.45786
cg15712577	RIMBP2	0.0284313	0.990325	1.00231	1.00231	0.0434407	0.643344	-1.55438	0.402427	1.17674	1.17674	0.170526	0.757904	-1.31943	0.0014681	0.418056	-2.39202
cg19946641	RIMBP2	0.0315697	0.83126	0.93571	-1.06871	0.0944951	1.77246	1.77246	0.0238965	0.432013	-2.31475	0.0901922	0.559062	-1.78871	0.0105656	0.367304	-2.72254
cg20765700	RIMBP2	0.0342669	0.0751593	0.535532	-1.8673	0.00259203	0.268323	-3.72686	0.147412	0.612671	-1.6322	0.408661	1.30518	1.30518	0.15066	0.615406	-1.62494
cg17556421	RIMBP2	0.0359812	0.101257	0.394766	-2.53314	0.097321	0.389685	-2.56618	0.19403	0.490796	-2.03751	0.037982	0.287616	-3.47686	0.0134191	0.204782	-4.88325
cg02398319	RIMBP2	0.0417654	0.893247	0.97922	-1.02122	0.601738	1.08584	1.08584	0.324962	0.853024	-1.1723	0.917315	0.98389	-1.01637	0.000790879	0.452439	-2.21024
cg03404485	RIMBP2	0.0440915	0.456058	0.819386	-1.22043	0.0450472	1.8285	1.8285	0.307298	1.31959	1.31959	0.454786	0.818908	-1.22114	0.0113402	0.435214	-2.29772
cg06587187	RIMBP2	0.045226	0.466853	0.536933	-1.86243	0.139474	3.80273	3.80273	0.286003	2.53621	2.53621	0.40074	0.485567	-2.05945	0.0419519	0.139623	-7.16213
cg05939560	RIMBP2	0.047743	0.337353	0.550732	-1.81576	0.020199	0.184656	-5.41549	0.12375	0.365914	-2.73289	0.308473	0.52957	-1.88832	0.0345132	0.22609	-4.42302
cg00416208	RIMBP2	0.048668	0.635313	1.17361	1.17361	0.016388	2.67258	2.67258	0.208831	1.55883	1.55883	0.739716	1.1182	1.1182	0.20151	0.636377	-1.57139
cg25302436	RIMBP3	0.0159872	0.451123	0.88623	-1.12838	0.0444498	0.695524	-1.43777	0.181748	0.800124	-1.24981	0.356619	1.16085	1.16085	0.606155	0.921445	-1.08525
cg11217676	RIMBP3	0.0295805	0.0979176	0.74028	-1.35084	0.335036	0.848176	-1.179	0.0887332	0.732721	-1.36478	0.719124	1.06164	1.06164	0.444308	1.13788	1.13788
cg09501290	RIMKLA	0.00011429	0.442034	1.06448	1.06448	0.0847777	0.859024	-1.16411	3.71E-05	0.531451	-1.88164	0.478904	0.94423	-1.05906	0.0249047	1.23713	1.23713
cg19646327	RIMKLA	0.0243507	0.220997	0.664261	-1.50543	0.0100685	0.356069	-2.80844	0.209719	0.656826	-1.52247	0.8269	1.07212	1.07212	0.169429	1.59267	1.59267
cg14778711	RIMKLA	0.0387532	0.308633	0.686992	-1.45562	0.200931	0.618005	-1.61811	0.0165415	2.83815	2.83815	0.765839	0.899052	-1.11228	0.123415	0.551793	-1.81227
cg08962682	RIMKLB	0.00127513	0.00865283	4.90008	4.90008	0.290869	0.618515	-1.61678	0.00709451	0.189992	-5.26339	0.240378	1.71694	1.71694	?	?	?
cg22038579	RIMKLB	0.0114895	0.648667	0.949365	-1.05334	0.0398236	1.30891	1.30891	0.00151095	1.67822	1.67822	0.029172	0.747398	-1.33797	0.121218	0.826679	-1.20966
cg18613721	RIMKLB	0.0371603	0.556655	0.803795	-1.2441	0.364561	0.710144	-1.40817	0.0229466	0.368054	-2.71699	0.661199	1.17588	1.17588	0.177585	0.590737	-1.6928
cg16603596	RIMKLB	0.0475877	0.448658	0.789218	-1.26708	0.0866163	0.559754	-1.7865	0.148801	1.60755	1.60755	0.906685	0.964688	-1.0366	0.00688244	0.342098	-2.92314
cg03761649	RIMKLB;RIMKLB	0.0235007	0.0762205	1.5722	1.5722	0.649067	0.900251	-1.1108	0.096376	1.52003	1.52003	0.20146	0.733882	-1.36262	0.00197756	0.366974	-2.72499
cg07558283	RIMS1	0.000506211	0.00183696	0.587966	-1.70078	0.233908	1.16158	1.16158	0.0570853	0.772303	-1.29483	0.0573595	0.772579	-1.29437	0.00102134	0.557395	-1.79406
cg24401219	RIMS1	0.00184742	0.174179	0.596295	-1.67702	0.660633	0.853838	-1.17118	0.374978	0.72204	-1.38496	0.889406	1.05102	1.05102	0.0901746	0.512782	-1.95015
cg14905613	RIMS1	0.0142707	0.0199657	0.20443	-4.89165	0.0425571	3.74339	3.74339	0.520216	1.44549	1.44549	0.409539	1.61086	1.61086	0.00903763	0.15323	-6.52615
cg16655338	RIMS1	0.0195542	0.615265	0.707497	-1.41343	0.445041	1.70168	1.70168	0.920227	1.0708	1.0708	0.566588	1.48521	1.48521	0.465811	0.602418	-1.65998
cg03036057	RIMS1	0.0345057	0.308497	0.825329	-1.21164	0.348953	0.83894	-1.19198	0.00572597	0.516968	-1.93435	0.801281	0.955106	-1.047	0.0188327	0.595569	-1.67907
cg26717983	RIMS1	0.0381156	0.0569599	0.445615	-2.24409	0.686972	0.858983	-1.16417	0.68351	1.16626	1.16626	0.0891142	0.49484	-2.02085	0.0928835	0.499698	-2.00121
cg09342766	RIMS1	0.0485615	0.319128	0.847094	-1.18051	0.862144	1.02841	1.02841	0.0392636	1.46878	1.46878	0.46373	1.12773	1.12773	0.183111	0.796387	-1.25567
cg01757255	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.00916675	0.000407472	0.112737	-8.87018	0.0869405	0.479691	-2.08467	0.0841774	0.475931	-2.10114	0.855071	1.07364	1.07364	0.178716	0.573973	-1.74224
cg04319895	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.0192102	0.0391682	0.623852	-1.60294	0.0532776	0.647868	-1.54352	0.00486951	0.478099	-2.09162	0.398793	1.18623	1.18623	0.458944	1.16077	1.16077
cg26552233	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.0194015	0.0275349	2.01381	2.01381	0.0707564	0.581402	-1.71998	0.28249	0.740855	-1.34979	0.853424	1.05093	1.05093	0.00135141	0.286459	-3.4909
cg05582719	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.0273421	0.022649	0.155236	-6.44181	0.0305093	0.176329	-5.67122	0.13686	0.334913	-2.98585	0.0949862	0.285806	-3.49888	0.00826844	0.0997378	-10.0263
cg27036054	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.0020045	0.00955648	0.30466	-3.28235	0.264412	0.656206	-1.52391	0.0242212	0.377933	-2.64597	0.55435	1.24185	1.24185	4.87E-05	0.0629143	-15.8946
cg06963205	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.00541587	0.917647	0.970176	-1.03074	0.000913036	4.26868	4.26868	0.034088	0.484801	-2.0627	0.824209	1.0673	1.0673	0.0195732	0.437861	-2.28383
cg26099432	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.0337307	0.339658	0.763787	-1.30927	0.00264609	3.1234	3.1234	0.465955	0.81615	-1.22527	0.248104	0.718485	-1.39182	0.023008	0.474966	-2.10541
cg17651890	RIMS2	0.000798661	0.00137938	0.278329	-3.59286	0.0305164	0.496171	-2.01544	0.111402	0.619995	-1.61292	0.85452	0.950658	-1.0519	0.000245638	0.188226	-5.31277
cg20426946	RIMS2	0.00509512	0.013673	1.45189	1.45189	0.0422148	1.33126	1.33126	0.00163367	1.73615	1.73615	0.00250304	1.67104	1.67104	0.744956	0.960877	-1.04072
cg16648062	RIMS2	0.0221477	0.293114	1.19281	1.19281	0.0314012	0.664924	-1.50393	0.366513	1.16181	1.16181	0.0176407	0.627071	-1.59472	0.326783	1.17782	1.17782
cg06518628	RIMS2	0.031877	0.0246692	0.76749	-1.30295	0.879119	1.01517	1.01517	0.542435	0.94083	-1.06289	0.18103	0.868944	-1.15082	0.827235	1.02186	1.02186
cg00178119	RIMS2;RIMS2	0.000421603	0.000171931	0.338764	-2.95191	0.00491446	0.531567	-1.88123	0.00338311	0.50875	-1.9656	0.619584	0.918634	-1.08857	0.000314862	0.371528	-2.69158
cg13687509	RIMS2;RIMS2	0.0139856	0.573112	0.941018	-1.06268	0.00276852	0.628873	-1.59015	0.0031161	0.63526	-1.57416	0.612676	1.056	1.056	0.528954	1.07051	1.07051
cg12565585	RIMS2;RIMS2	0.0380542	0.477666	0.87249	-1.14614	0.243726	1.25917	1.25917	0.385176	1.18319	1.18319	0.392321	0.847404	-1.18007	0.616935	0.909115	-1.09997
cg07664999	RIMS2;RIMS2	0.0399145	0.0427385	0.171402	-5.83423	0.0260664	0.135772	-7.3653	0.0142005	0.10151	-9.85124	0.389442	0.513299	-1.94818	0.0231479	0.128332	-7.79229
cg12396325	RIMS2;RIMS2	0.0457238	0.00473539	0.425542	-2.34995	0.928539	0.97978	-1.02064	0.485698	0.851016	-1.17507	0.931599	1.01974	1.01974	0.133283	0.691557	-1.44601
cg09637757	RIMS2;RIMS2;RIMS2	0.0469076	0.110805	0.359513	-2.78154	0.00828862	0.137042	-7.29705	0.0802611	0.319002	-3.13478	0.595138	0.729205	-1.37136	0.0154703	0.17394	-5.74911
cg04863573	RIMS3	8.31E-06	0.00213523	0.387279	-2.58211	1.71E-06	65.0061	65.0061	?	?	?	0.000184427	0.200333	-4.99168	0.0126762	0.537888	-1.85912
cg24006654	RIMS3	0.00297356	0.0379952	2.01238	2.01238	0.00326419	3.2085	3.2085	0.0903943	0.581334	-1.72018	0.489015	1.22669	1.22669	0.00224173	0.288247	-3.46924
cg09845314	RIMS3	0.00801705	0.950512	1.01235	1.01235	0.598606	0.900311	-1.11073	0.791229	0.948902	-1.05385	0.0220727	0.581177	-1.72065	0.00365552	0.459732	-2.17518
cg03017091	RIMS3	0.0192497	0.493748	0.810925	-1.23316	0.227159	0.682257	-1.46572	0.0677516	0.539531	-1.85346	0.0848055	0.562836	-1.77672	0.00538503	0.331227	-3.01908
cg07147358	RIMS3	0.0200621	0.00350501	0.513917	-1.94584	0.146622	0.769597	-1.29938	0.0184368	0.618441	-1.61697	0.0776794	0.719202	-1.39043	0.00825289	0.566737	-1.76449
cg26808224	RIMS3	0.0395149	0.771737	0.86306	-1.15867	0.699185	0.821528	-1.21724	0.119944	2.34928	2.34928	0.450852	1.47544	1.47544	0.00101981	0.0849166	-11.7763
cg13900113	RIMS3;RIMS3	0.0154287	0.119478	1.176	1.176	0.0126432	0.742701	-1.34644	0.0118159	0.739592	-1.3521	0.551681	1.05949	1.05949	0.40262	1.08566	1.08566
cg01304575	RIMS4	0.000251457	0.530344	0.894561	-1.11787	0.106679	1.36174	1.36174	0.266999	0.816516	-1.22472	0.00101526	0.425525	-2.35004	2.51E-05	0.230614	-4.33626
cg20498414	RIMS4	0.00220313	0.135611	0.762097	-1.31217	0.00194542	0.476971	-2.09656	0.610174	1.09074	1.09074	0.000156952	0.335352	-2.98194	0.11767	0.750494	-1.33245
cg15207742	RIMS4	0.00866066	0.0222856	0.547474	-1.82657	0.0456154	1.65552	1.65552	0.0240962	1.80695	1.80695	0.475233	0.852405	-1.17315	0.00562731	0.449633	-2.22404
cg20752831	RIMS4	0.0263382	0.0116598	0.503026	-1.98797	0.0397956	0.595662	-1.6788	0.419401	0.835411	-1.19702	0.0428434	0.601645	-1.66211	0.00238578	0.397372	-2.51653
cg21500133	RIMS4	0.0491719	0.447097	1.12276	1.12276	0.088017	1.32489	1.32489	0.147114	1.26174	1.26174	0.462263	1.11832	1.11832	0.0335964	1.44906	1.44906
cg16290520	RIN1	0.0194642	0.0693804	0.536371	-1.86438	0.0673934	1.87476	1.87476	0.123486	1.66799	1.66799	0.461262	0.794529	-1.25861	0.666871	1.14201	1.14201
cg24446326	RIN2	0.00929709	0.0509759	0.721737	-1.38555	0.859331	1.02636	1.02636	0.0116292	0.629611	-1.58828	0.215565	0.825969	-1.2107	0.585898	0.922476	-1.08404
cg00009196	RIN2	0.0290677	0.00497591	0.136219	-7.34113	0.0288084	0.25099	-3.98423	0.193775	0.478435	-2.09015	0.920607	1.05491	1.05491	0.0909132	0.368411	-2.71436
cg24612124	RIN3	2.15E-05	0.698822	1.04999	1.04999	0.870343	1.02071	1.02071	0.282611	1.15036	1.15036	0.807702	1.03107	1.03107	1.17E-06	0.206237	-4.84878
cg18630178	RIN3	0.000138558	0.000669447	6.95781	6.95781	1.70E-05	26.8303	26.8303	0.0772867	2.07922	2.07922	0.0711376	2.11971	2.11971	0.00196126	5.1098	5.1098
cg07669002	RIN3	0.00034863	0.00697673	0.703735	-1.42099	3.09E-05	0.440902	-2.26808	0.000322625	0.556711	-1.79626	0.188673	1.15053	1.15053	0.0863717	0.826348	-1.21014
cg04718702	RIN3	0.000444768	0.0702255	0.807494	-1.2384	0.00134057	0.611155	-1.63625	0.0385614	0.776329	-1.28811	0.0204132	0.744361	-1.34343	0.608743	1.05606	1.05606
cg09317403	RIN3	0.000961917	0.0653554	0.771871	-1.29555	0.000106085	0.424615	-2.35507	0.000737128	0.526337	-1.89992	0.291797	0.872042	-1.14673	0.000452475	0.500582	-1.99767
cg15443535	RIN3	0.00338048	0.00665659	8.3109	8.3109	0.000874681	20.1184	20.1184	0.0311501	4.57715	4.57715	0.0977038	2.98233	2.98233	0.00718778	8.05856	8.05856
cg01759835	RIN3	0.00373876	0.441025	0.873928	-1.14426	0.00479123	0.526181	-1.90049	0.128924	0.754704	-1.32502	0.0176549	0.609539	-1.64058	0.0164185	0.60473	-1.65363
cg12169365	RIN3	0.00429064	0.0457645	0.650432	-1.53744	0.0162153	0.575631	-1.73723	0.00585855	0.507893	-1.96892	0.0104928	0.546108	-1.83114	0.0213337	0.594739	-1.68141
cg26751828	RIN3	0.00488529	0.0442355	2.8255	2.8255	0.00144497	7.91835	7.91835	0.0583523	2.61531	2.61531	0.0437332	2.83453	2.83453	0.0309835	3.1213	3.1213
cg10109590	RIN3	0.00506037	0.530381	1.14249	1.14249	0.202276	0.754157	-1.32598	0.10874	0.693063	-1.44287	0.595069	1.11899	1.11899	0.0447594	0.617029	-1.62067
cg24147827	RIN3	0.00537903	0.0122907	0.612349	-1.63306	0.00023198	0.382545	-2.61407	0.854463	0.971533	-1.0293	0.531251	1.1049	1.1049	0.33571	1.16899	1.16899
cg16255729	RIN3	0.00589498	0.509407	0.87628	-1.14119	0.000293674	0.31217	-3.20338	0.00899946	0.51924	-1.92589	0.444329	0.857374	-1.16635	0.018717	0.569916	-1.75464
cg06816718	RIN3	0.00731051	0.368478	1.20409	1.20409	0.331115	0.817403	-1.22339	0.321475	1.22869	1.22869	0.202059	1.31106	1.31106	0.0267192	0.58988	-1.69526
cg23260500	RIN3	0.00758091	0.463008	1.17049	1.17049	0.579908	0.888858	-1.12504	0.952509	0.987528	-1.01263	0.193034	0.748054	-1.3368	0.86974	1.03519	1.03519
cg20934105	RIN3	0.00788592	0.42204	1.23158	1.23158	0.0781446	1.64389	1.64389	0.0156442	0.471138	-2.12252	0.175689	0.693716	-1.44151	0.00370302	2.70754	2.70754
cg20553058	RIN3	0.0117761	0.726303	0.91071	-1.09804	0.25147	0.726976	-1.37556	0.39974	0.794993	-1.25787	0.97838	1.00724	1.00724	0.605503	0.870519	-1.14874
cg03485262	RIN3	0.0126709	?	?	?	0.0247868	2.71393	2.71393	0.0130501	3.22101	3.22101	0.0887013	1.97603	1.97603	0.44607	0.760659	-1.31465
cg05157625	RIN3	0.0233408	0.0790334	2.42508	2.42508	0.0228933	3.44384	3.44384	0.00747898	4.77913	4.77913	0.00644685	4.9993	4.9993	0.0169931	3.75169	3.75169
cg10170678	RIN3	0.0250205	0.00473035	0.286709	-3.48786	0.05399	0.482767	-2.07139	0.0102425	0.340446	-2.93732	0.764662	0.904882	-1.10512	0.00889281	0.330119	-3.02921
cg06762891	RIN3	0.0298656	0.574395	1.15655	1.15655	0.0641862	0.586779	-1.70422	0.769539	0.927463	-1.07821	0.979517	0.993441	-1.0066	0.0264338	1.96327	1.96327
cg25114781	RIN3	0.0298932	0.99236	0.998214	-1.00179	0.00260418	0.458955	-2.17887	0.100151	0.714365	-1.39984	0.274238	0.808616	-1.23668	0.034764	0.631594	-1.5833
cg23625388	RIN3	0.0306078	0.900288	0.957848	-1.04401	0.0241169	0.396933	-2.51932	0.421391	0.754137	-1.32602	0.875462	0.947542	-1.05536	0.00634911	0.295043	-3.38933
cg02268192	RIN3	0.0315192	0.599055	0.895398	-1.11682	0.0551787	0.635898	-1.57258	0.00269138	0.421601	-2.37191	0.00718228	0.485424	-2.06006	0.225927	0.767346	-1.30319
cg05885676	RIN3	0.0330656	0.173944	0.8394	-1.19133	0.301531	1.13832	1.13832	0.316168	0.882119	-1.13363	0.283804	0.873917	-1.14427	0.693674	1.04908	1.04908
cg01725130	RIN3	0.0353956	0.0193093	0.187373	-5.33694	0.0442424	0.254679	-3.92651	0.0308959	0.223137	-4.48154	0.694446	0.791633	-1.26321	0.0105932	0.149193	-6.70274
cg10139508	RIN3	0.0445813	0.0450769	0.572256	-1.74747	0.066651	1.64737	1.64737	0.168494	1.42789	1.42789	0.131472	0.673506	-1.48477	0.0501565	0.58154	-1.71957
cg06140670	RING1	1.90E-05	0.0416397	0.654104	-1.52881	0.458054	1.14634	1.14634	0.000435678	0.366083	-2.73162	0.26194	1.23543	1.23543	5.76E-06	0.158047	-6.32724
cg11824693	RING1	0.000202704	0.654668	1.11494	1.11494	0.00787013	0.438664	-2.27965	0.452492	0.831131	-1.20318	0.084469	1.58601	1.58601	2.57E-06	0.0642619	-15.5613
cg19098017	RING1	0.000224419	0.0280262	1.2507	1.2507	0.00341134	0.70964	-1.40917	0.061483	1.19911	1.19911	0.968058	1.00346	1.00346	0.298166	0.911233	-1.09741
cg14534739	RING1	0.000466233	0.942539	0.991358	-1.00872	0.000146342	2.1962	2.1962	0.00444659	1.57924	1.57924	0.742217	1.04054	1.04054	0.000576768	0.526587	-1.89902
cg09059042	RING1	0.000715545	0.00293772	0.571586	-1.74952	0.0273298	0.6994	-1.4298	0.539545	1.08877	1.08877	0.807369	0.967104	-1.03402	7.16E-05	0.371318	-2.69311
cg26282025	RING1	0.000995542	0.000221805	0.143768	-6.95565	0.187047	0.643356	-1.55435	0.130067	1.67484	1.67484	0.216279	1.5074	1.5074	0.00514163	0.311757	-3.20763
cg16857104	RING1	0.00118653	0.00664882	0.579284	-1.72627	0.000163807	0.36918	-2.70871	0.125817	0.773538	-1.29276	0.125148	1.29344	1.29344	0.000696138	0.448448	-2.22991
cg09035079	RING1	0.00131823	0.000177241	0.302978	-3.30057	0.354688	0.836181	-1.19591	0.0355638	0.631444	-1.58367	0.322178	0.825171	-1.21187	0.00083591	0.388836	-2.57178
cg09724776	RING1	0.00135898	0.723174	1.02187	1.02187	0.02785	1.17128	1.17128	0.170215	1.09291	1.09291	0.534659	0.962475	-1.03899	0.0977856	1.11682	1.11682
cg13731926	RING1	0.0024862	0.0010591	0.364856	-2.7408	0.260313	0.783089	-1.27699	0.00699697	0.483676	-2.0675	0.201883	0.755308	-1.32396	0.000128996	0.250156	-3.99751
cg00255853	RING1	0.00506709	0.422905	0.870827	-1.14833	0.325729	0.842435	-1.18704	0.00161586	0.465906	-2.14636	0.102151	0.739136	-1.35293	0.000953114	0.435192	-2.29784
cg24121557	RING1	0.0051054	0.00239967	0.425929	-2.34781	0.000886596	0.366052	-2.73185	0.204985	0.763495	-1.30977	0.00771043	0.501202	-1.9952	0.0420277	0.623283	-1.60441
cg20372195	RING1	0.00519535	0.144028	0.665948	-1.50162	0.0292595	0.514137	-1.94501	0.178258	0.690402	-1.44843	0.51127	1.18835	1.18835	0.00766566	0.411605	-2.42951
cg12721695	RING1	0.00721028	0.000840403	0.117407	-8.51742	0.0412425	0.366342	-2.72969	0.0437819	0.372186	-2.68683	0.422082	0.704873	-1.4187	0.0202221	0.30292	-3.3012
cg16529229	RING1	0.00956021	0.00385799	0.134993	-7.40781	0.198766	0.497337	-2.01071	0.0795232	0.367491	-2.72116	0.675724	0.805425	-1.24158	0.125517	0.42622	-2.34621
cg26280097	RING1	0.0101866	0.000924933	0.325102	-3.07596	0.386126	0.817272	-1.22358	0.308614	1.2704	1.2704	0.0823809	0.645966	-1.54807	0.535763	0.867256	-1.15306
cg10407552	RING1	0.013291	0.614321	1.09263	1.09263	0.087976	0.720152	-1.38859	0.6845	0.931253	-1.07382	0.46528	1.13833	1.13833	0.012228	0.580284	-1.72329
cg24536938	RING1	0.0148265	0.0983971	0.83365	-1.19954	0.643847	0.954342	-1.04784	0.214887	1.14003	1.14003	0.0176611	1.33604	1.33604	0.0273523	1.29959	1.29959
cg04797098	RING1	0.0170353	0.00111232	0.22255	-4.49337	0.513461	0.812781	-1.23034	0.165049	0.629239	-1.58922	0.473659	1.25603	1.25603	0.0195129	0.413527	-2.41822
cg16070279	RING1	0.0215167	0.829319	1.06309	1.06309	0.00726044	2.66824	2.66824	0.147828	1.55272	1.55272	0.025767	2.11781	2.11781	0.0161648	0.434375	-2.30216
cg02475416	RING1	0.0285608	0.0232043	0.614698	-1.62681	0.0267655	0.624651	-1.60089	0.217909	0.79261	-1.26165	0.0229855	1.62855	1.62855	0.44748	0.870374	-1.14893
cg20505183	RING1	0.0337938	0.0405871	0.672336	-1.48735	0.821209	1.03873	1.03873	0.762864	0.950464	-1.05212	0.0101258	0.580049	-1.72399	0.292668	0.832528	-1.20116
cg06736783	RING1	0.0364735	0.00489199	0.189127	-5.28747	0.412995	0.68817	-1.45313	0.0474026	0.363198	-2.75332	0.939105	0.966459	-1.03471	0.0124453	0.249382	-4.00992
cg08757100	RING1	0.0441297	0.0430773	0.494844	-2.02084	0.683325	1.13198	1.13198	0.183639	0.652876	-1.53169	0.552023	0.833723	-1.19944	0.134975	0.61444	-1.6275
cg06363559	RING1;MIR219-1	0.00194492	0.677608	0.900221	-1.11084	0.00244663	0.346467	-2.88628	0.0961267	1.58316	1.58316	0.277385	1.32847	1.32847	0.00925165	0.435837	-2.29444
cg11011640	RING1;MIR219-1	0.00640936	0.802228	0.972122	-1.02868	0.0117186	0.701331	-1.42586	0.000986357	1.73619	1.73619	0.611962	0.943996	-1.05933	0.0223101	0.734539	-1.3614
cg26106778	RING1;MIR219-1	0.00786832	0.246838	1.13836	1.13836	0.00620009	0.682556	-1.46508	0.0108497	1.40823	1.40823	0.631781	1.05303	1.05303	0.0258038	0.75332	-1.32746

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03508504	0.218025	1.34227	1.34227	0.00971771	0.475658	-2.10235	0.0908978	0.655016	-1.52668	0.00101121	0.330204	-3.02843	7.75479	6.33838	0.726534	1
cg23373401	0.0622952	0.468043	-2.13656	0.000669541	0.152125	-6.57353	0.00186087	0.202419	-4.94025	0.00394222	0.245832	-4.06781	7.64763	15.8535	1.84266	1
cg24007169	0.100474	0.561814	-1.77995	0.00111024	0.214438	-4.66336	0.00170474	0.237961	-4.20236	0.00257999	0.262196	-3.81394	7.50452	12.2041	1.44554	1
cg11002258	0.383181	1.3644	1.3644	0.000973692	0.181775	-5.5013	0.854466	1.06588	1.06588	0.732125	0.887466	-1.1268	7.36118	14.0749	1.69959	1
cg13009098	0.202328	1.32307	1.32307	0.000178534	0.267061	-3.74446	0.480563	0.861458	-1.16082	0.671537	0.915113	-1.09276	7.29824	4.99967	0.608935	1
cg20210558	0.0301547	1.82189	1.82189	0.000660711	0.293126	-3.4115	0.139624	0.687972	-1.45355	0.989742	0.99698	-1.00303	7.25678	6.36241	0.779337	1
cg10063169	0.427963	0.740562	-1.35033	0.000249638	0.106149	-9.42073	0.00624974	0.266468	-3.75279	0.018393	0.345917	-2.89086	6.89549	15.0418	1.93902	1
cg18893868	0.156454	1.68062	1.68062	0.000735353	0.172607	-5.79349	0.00937845	0.323612	-3.09012	0.00933416	0.323268	-3.09341	6.44148	11.9667	1.65133	1
cg03433362	0.727347	0.916553	-1.09104	0.154463	0.684252	-1.46145	0.00234248	0.347397	-2.87855	0.000580502	0.265898	-3.76084	6.38102	6.26275	0.872414	1
cg26994413	0.706289	0.926351	-1.0795	0.986335	0.996545	-1.00347	0.000744346	0.355393	-2.81378	0.0878942	0.683442	-1.46318	6.3352	4.09707	0.574858	1
cg21544698	0.0620343	0.240761	-4.15349	0.00802637	0.100059	-9.9941	0.405562	0.561745	-1.78017	0.00763247	0.0978234	-10.2225	6.28218	45.6992	6.46616	1
cg27170427	0.330657	0.70153	-1.42546	0.0772844	2.00096	2.00096	0.000873337	0.171509	-5.83058	0.00854754	0.305783	-3.27029	6.25201	12.3494	1.7558	1
cg08066721	0.461713	1.13981	1.13981	0.0147393	1.68909	1.68909	0.0289156	0.637722	-1.56808	0.000616667	0.398243	-2.51103	6.21461	3.00214	0.429402	1
cg15811568	0.0137794	0.43037	-2.32358	0.0772031	0.580377	-1.72302	0.0019271	0.296542	-3.3722	0.00306377	0.325326	-3.07384	6.15799	7.47894	1.07957	1
cg16086237	0.971237	0.983668	-1.0166	0.00225595	0.14196	-7.04423	0.00511289	0.184601	-5.41708	0.0447953	0.349255	-2.86323	5.56801	18.3942	2.93648	1
cg03391667	0.325314	1.1235	1.1235	0.00980208	1.4541	1.4541	0.0571832	0.781367	-1.27981	0.00102938	0.572546	-1.74658	5.41299	1.12705	0.185078	1
cg11915787	0.0190834	0.664042	-1.50593	0.18223	1.22667	1.22667	0.240898	0.837635	-1.19384	0.0256568	0.682148	-1.46596	5.30803	1.75071	0.293177	1
cg25103726	0.022563	0.482726	-2.07157	0.0379568	0.526436	-1.89956	0.000508508	0.235025	-4.25486	0.477118	0.824684	-1.21259	5.24942	5.9114	1.00098	1
cg25703213	0.296254	0.837674	-1.19378	0.657048	0.929525	-1.07582	0.00663418	0.562002	-1.77935	0.00182359	0.484535	-2.06383	5.19912	2.20248	0.376556	1
cg16201003	0.890532	0.958959	-1.0428	0.0542706	0.514433	-1.94389	0.00126905	0.239053	-4.18317	0.00259391	0.280787	-3.56142	5.09975	7.48014	1.30379	1
cg18861551	0.132418	0.427633	-2.33845	0.00238607	0.109145	-9.16216	0.151821	0.44785	-2.23289	0.0145165	0.206926	-4.83266	5.05138	21.8982	3.85341	1
cg10809023	0.339831	1.22134	1.22134	0.00472161	2.14461	2.14461	0.296097	0.802357	-1.24633	0.110566	0.702291	-1.42391	5.02022	3.28453	0.581566	1
cg01163340	0.0567775	2.30985	2.30985	0.11828	0.51763	-1.93188	0.261296	0.634529	-1.57597	0.00981429	0.28153	-3.55202	5.00434	11.9492	2.12246	1
cg08329471	0.0262449	1.52191	1.52191	0.46275	0.887746	-1.12645	0.489858	1.11822	1.11822	0.0110422	0.601839	-1.66157	4.91355	1.97464	0.357223	1
cg26491818	0.166827	0.254556	-3.92841	0.00323791	0.0240396	-41.598	0.0611283	0.14101	-7.09168	0.0933783	0.18029	-5.5466	4.6734	63.7827	12.1316	1
cg01654327	0.754937	1.12289	1.12289	0.001073	0.167206	-5.98063	0.836471	1.07951	1.07951	0.10646	0.520718	-1.92043	4.64662	10.0847	1.92918	1
cg13816414	0.0366895	0.44579	-2.24321	0.19284	0.632101	-1.58203	0.238411	0.662987	-1.50833	0.0562159	0.486906	-2.05378	4.58103	8.03732	1.55954	1
cg22203659	0.814498	1.08687	1.08687	0.735443	1.12772	1.12772	0.043246	0.43864	-2.27978	0.278728	0.670883	-1.49057	4.43512	8.82316	1.76834	1
cg15712577	0.0721444	0.683051	-1.46402	0.0236907	0.598747	-1.67016	0.816299	0.956767	-1.04519	0.318177	0.822051	-1.21647	4.16528	2.37955	0.507807	1
cg19946641	0.233579	0.677799	-1.47536	0.0300478	0.451744	-2.21364	0.885676	1.04582	1.04582	0.0312959	0.455331	-2.1962	4.01326	6.16366	1.36518	1
cg20765700	0.118354	0.586044	-1.70636	0.0180459	0.404425	-2.47265	0.0754279	0.535908	-1.86599	0.920142	1.03211	1.03211	3.89683	6.13017	1.39833	1
cg17556421	0.243572	0.531537	-1.88134	0.0112863	0.193262	-5.17433	0.00629525	0.158305	-6.31692	0.0497308	0.313669	-3.18807	3.82856	16.2677	3.77693	1
cg02398319	0.0726548	0.731098	-1.3678	0.600119	0.920602	-1.08625	0.819842	1.03632	1.03632	0.491655	0.896518	-1.11543	3.62484	1.40422	0.344344	1
cg03404485	0.665657	1.12084	1.12084	0.0378897	0.531685	-1.88081	0.0749197	0.594232	-1.68284	0.182949	0.690167	-1.44892	3.55251	3.8742	0.969381	1
cg06587187	0.6991	0.721635	-1.38574	0.0034735	0.0357346	-27.9841	0.2142	0.333407	-2.99933	0.127999	0.251061	-3.98309	3.51892	39.3168	9.93154	1
cg05939560	0.439559	1.60867	1.60867	0.00523696	0.108484	-9.21791	0.106887	0.34592	-2.89084	0.0889603	0.322599	-3.09982	3.44795	19.8606	5.1201	1
cg00416208	0.134371	0.582211	-1.71759	0.0102358	0.33802	-2.95841	0.817069	0.925297	-1.08073	0.42971	0.763295	-1.31011	3.42303	6.08709	1.58069	1
cg25302436	0.153557	1.27172	1.27172	0.00203669	1.98207	1.98207	0.0177246	0.635299	-1.57406	0.901091	0.980631	-1.01975	5.07234	1.98799	0.34838	1
cg11217676	0.155661	1.28611	1.28611	0.00204616	2.05398	2.05398	0.24221	0.816495	-1.22475	0.813978	0.961711	-1.03981	4.1073	1.78463	0.386223	1
cg09501290	0.00875455	1.30501	1.30501	2.46E-05	1.95239	1.95239	0.055482	0.841116	-1.1889	0.232859	0.905084	-1.10487	21.3626	2.15016	0.089467	1
cg19646327	0.0310437	2.23645	2.23645	0.00902499	0.348049	-2.87315	0.151448	0.613423	-1.6302	0.795405	0.920699	-1.08613	4.39724	7.0406	1.42324	1
cg14778711	0.0210148	0.371908	-2.68884	0.0427354	0.435582	-2.29578	0.0429186	0.435994	-2.29361	0.475897	0.772368	-1.29472	3.72625	7.49175	1.78714	1
cg08962682	?	?	?	?	?	?	0.000209164	0.0367891	-27.1819	0.170402	1.90809	1.90809	18.3517	34.5168	1.88085	1
cg22038579	0.676304	0.953549	-1.04871	0.129461	0.830629	-1.20391	0.670244	1.04972	1.04972	0.0678449	1.26073	1.26073	5.65253	1.14877	0.18065	1
cg18613721	0.54542	0.798668	-1.25209	0.102989	0.519283	-1.92573	0.00734055	3.55951	3.55951	0.0567149	0.452775	-2.2086	3.78389	8.08829	1.90005	1
cg16603596	0.931166	0.973862	-1.02684	0.0991469	0.574529	-1.74056	0.0483769	1.99669	1.99669	0.481984	0.803248	-1.24494	3.4522	5.13873	1.32314	1
cg03761649	0.172132	0.716519	-1.39564	0.101073	1.50961	1.50961	0.586049	1.13442	1.13442	0.992955	1.00203	1.00203	4.45165	3.7091	0.74062	1
cg07558283	0.000596236	0.529391	-1.88896	0.0010151	1.79509	1.79509	0.0777586	1.26526	1.26526	0.105758	1.23624	1.23624	14.2417	3.2492	0.202798	1
cg24401219	0.232454	0.639002	-1.56494	0.456115	0.76226	-1.31189	3.04E-05	18.4636	18.4636	0.86232	1.06405	1.06405	9.86705	19.9899	1.80082	1
cg14905613	0.6843	0.793677	-1.25996	0.0428326	0.267743	-3.73492	0.0139939	5.55904	5.55904	0.994929	0.996414	-1.0036	5.2666	26.6525	4.49837	1
cg16655338	0.963136	1.03206	1.03206	0.536107	1.53391	1.53391	0.000246838	62.4061	62.4061	0.468818	1.65413	1.65413	4.74069	35.0085	6.56416	1
cg03036057	0.240606	1.25077	1.25077	0.0898298	1.40574	1.40574	0.166269	0.764261	-1.30845	0.0867943	0.708581	-1.41127	3.88707	2.04215	0.466995	1
cg26717983	0.0065038	0.265244	-3.77011	0.0374875	2.47392	2.47392	0.684025	1.16595	1.16595	0.651416	1.18609	1.18609	3.74897	8.36007	1.98219	1
cg09342766	0.0041474	0.538261	-1.85784	0.568437	0.911273	-1.09737	0.191538	1.24964	1.24964	0.862542	0.972455	-1.02832	3.42587	1.40948	0.36571	1
cg01757255	0.900461	1.04983	1.04983	0.00227457	0.190374	-5.25283	0.732842	0.875335	-1.14242	0.893511	0.949285	-1.05342	6.07684	14.5341	2.12597	1
cg04319895	0.638695	1.098	1.098	0.022261	0.581789	-1.71884	0.0565428	1.53229	1.53229	0.199789	0.765069	-1.30707	4.76928	2.95218	0.55022	1
cg26552233	0.526065	1.18833	1.18833	0.434431	0.807183	-1.23888	0.133381	0.647364	-1.54473	0.135806	0.649381	-1.53993	4.7533	5.43056	1.01554	1
cg05582719	0.0777709	0.262359	-3.81158	0.00389519	0.0704346	-14.1976	0.644829	0.728444	-1.37279	0.0386196	0.194915	-5.13044	4.22296	31.1648	6.55987	1
cg27036054	0.0283992	0.391827	-2.55215	0.482738	0.772317	-1.2948	0.578538	0.816088	-1.22536	0.00465108	0.255833	-3.9088	9.63558	20.0162	1.84651	1
cg06963205	0.216148	0.683142	-1.46382	0.498641	0.817839	-1.22273	0.00641782	2.82358	2.82358	0.32133	0.740852	-1.3498	7.16135	9.72056	1.20655	1
cg26099432	0.97915	0.99287	-1.00718	0.377646	1.28129	1.28129	0.378851	0.780976	-1.28045	0.37079	0.777523	-1.28614	3.91906	4.65361	1.0555	1
cg17651890	0.000216494	0.182416	-5.48196	0.113117	0.621655	-1.60861	0.0117156	2.38262	2.38262	0.237653	0.711034	-1.4064	12.538	15.0924	1.06998	1
cg20426946	0.0206983	1.40579	1.40579	0.0421404	0.751067	-1.33144	0.0461309	1.32232	1.32232	0.616877	1.06361	1.06361	7.29647	1.72756	0.210458	1
cg16648062	0.729896	0.94551	-1.05763	0.00420606	1.85839	1.85839	0.578962	1.09485	1.09485	0.163154	1.27205	1.27205	4.5435	1.8806	0.36792	1
cg06518628	0.820694	1.02271	1.02271	0.0060611	0.701499	-1.42552	0.0735064	0.820878	-1.21821	0.0280836	1.29253	1.29253	3.99938	0.619786	0.137751	1
cg00178119	0.224337	0.80537	-1.24167	4.08E-05	0.265192	-3.77085	0.318675	0.839649	-1.19097	0.0525809	0.688167	-1.45314	14.9812	6.82326	0.404849	1
cg13687509	0.23486	1.14305	1.14305	0.062829	1.25521	1.25521	0.150506	0.846999	-1.18064	0.370025	0.906163	-1.10355	5.96798	1.05154	0.137042	1
cg12565585	0.188773	0.768685	-1.30092	0.00142835	0.41831	-2.39057	0.150768	1.3377	1.3377	0.762758	1.05887	1.05887	3.75118	2.12084	0.502561	1
cg07664999	0.062154	0.204367	-4.89317	0.0101851	0.0862849	-11.5895	0.205467	0.3642	-2.74574	0.0497884	0.184141	-5.43062	3.68604	33.3795	8.04946	1
cg12396325	0.0166012	0.513648	-1.94686	0.205786	0.737894	-1.35521	0.879682	1.0351	1.0351	0.109217	1.48846	1.48846	3.5045	2.87842	0.730087	1
cg09637757	0.160372	0.413519	-2.41827	0.00911101	0.142161	-7.03429	0.103415	0.350377	-2.85407	0.251074	0.493567	-2.02607	3.47099	19.0588	4.88079	1
cg04863573	?	?	?	3.39E-05	0.10219	-9.78574	?	?	?	0.000324103	0.239712	-4.17168	203.514	58.1238	0.238	1
cg24006654	0.491461	1.22524	1.22524	0.00428528	3.03627	3.03627	0.719354	0.900421	-1.11059	0.0123595	2.47299	2.47299	8.58067	11.4845	1.1897	1
cg09845314	0.0599435	0.657319	-1.52133	0.00578188	0.489265	-2.04388	0.000878097	0.373016	-2.68085	0.75836	1.0629	1.0629	6.3399	3.92432	0.550212	1
cg03017091	0.0110605	0.382536	-2.61413	0.0019528	0.266923	-3.7464	0.226918	0.682109	-1.46604	0.0320064	0.468771	-2.13324	4.76596	6.86427	1.28024	1
cg07147358	0.0958181	0.735292	-1.36	0.00648452	0.551654	-1.81273	0.227836	0.808331	-1.23712	0.0464967	0.681623	-1.46709	4.69961	2.10306	0.397775	1
cg26808224	0.50332	1.4104	1.4104	0.343801	0.610346	-1.63842	0.657987	0.798065	-1.25303	0.745147	0.847786	-1.17954	3.69971	15.0194	3.60855	1
cg13900113	0.138255	0.858009	-1.16549	0.00987047	0.731336	-1.36736	0.965355	1.00418	1.00418	0.064345	1.2207	1.2207	5.13258	0.748468	0.129624	1
cg01304575	0.0841277	0.715354	-1.39791	0.000611251	0.396397	-2.52272	0.00155762	0.450614	-2.21919	0.000347802	0.364829	-2.74101	17.2626	8.40057	0.432564	1
cg20498414	0.81912	0.962048	-1.03945	0.601316	0.914798	-1.09314	0.70782	0.938384	-1.06566	0.0084497	1.76476	1.76476	9.37339	4.23577	0.401683	1
cg15207742	0.0338415	0.579878	-1.7245	0.0157828	0.521773	-1.91654	0.82714	1.04928	1.04928	0.399148	1.20907	1.20907	6.18727	4.74029	0.68101	1
cg20752831	0.0396325	0.595331	-1.67974	0.0264271	0.563426	-1.77486	0.590066	0.888207	-1.12586	0.17378	0.729478	-1.37084	4.2787	3.21963	0.668869	1
cg21500133	0.0250528	1.48932	1.48932	0.0224102	0.664458	-1.50499	0.636671	1.07369	1.07369	0.441387	0.889309	-1.12447	3.40969	1.20584	0.314358	1
cg16290520	0.528105	0.822004	-1.21654	0.00196337	0.261358	-3.82616	0.0375996	0.47727	-2.09525	0.183318	0.648604	-1.54177	4.74811	7.07127	1.3238	1
cg24446326	0.00937005	1.62141	1.62141	0.00404836	1.76154	1.76154	0.380821	1.14095	1.14095	0.136786	0.79048	-1.26505	6.04963	2.06161	0.302918	1
cg00009196	0.0334569	0.26387	-3.78975	0.0879638	0.364343	-2.74467	0.106884	2.56979	2.56979	0.086923	0.362887	-2.75568	4.13282	18.8179	4.04736	1
cg24612124	0.0214521	1.41432	1.41432	7.10E-06	0.287807	-3.47456	0.174321	0.834193	-1.19876	0.155097	1.21032	1.21032	33.2367	8.28513	0.221579	1
cg18630178	0.024635	2.71113	2.71113	1.58E-05	27.705	27.705	0.00463163	4.07119	4.07119	0.00147288	5.53181	5.53181	20.2858	44.6261	1.95544	1
cg07669002	0.0165182	0.744635	-1.34294	0.115983	0.841977	-1.18768	0.000322193	0.556646	-1.79647	0.00408885	0.678469	-1.47391	15.7862	2.53434	0.142703	1
cg04718702	0.637951	0.951158	-1.05135	2.95E-05	2.37477	2.37477	0.381681	0.909564	-1.09943	0.0216743	0.74734	-1.33808	14.7614	2.60947	0.157135	1
cg09317403	0.858853	1.02253	1.02253	0.262933	0.864075	-1.15731	0.772221	1.037	1.037	0.182908	1.19352	1.19352	11.8967	2.95221	0.220581	1
cg15443535	0.0666629	3.44393	3.44393	0.000429661	28.5246	28.5246	0.0255942	4.92807	4.92807	0.00813247	7.67109	7.67109	8.25917	47.3072	5.09142	1
cg01759835	0.000414868	0.382613	-2.61361	0.885002	0.975484	-1.02513	0.000889156	0.425773	-2.34867	0.71561	0.939171	-1.06477	8.01369	3.73359	0.414134	1
cg12169365	0.0258301	0.60832	-1.64387	0.00131875	0.415721	-2.40546	0.000520819	0.361948	-2.76283	0.226677	0.787878	-1.26923	7.6879	4.29536	0.496637	1
cg26751828	0.0121839	4.07129	4.07129	0.00303485	6.20581	6.20581	0.00103649	8.87712	8.87712	0.00882944	4.47402	4.47402	7.39074	23.6431	2.84358	1
cg10109590	0.226397	0.766278	-1.30501	7.33E-05	0.220565	-4.53381	0.0809329	0.66658	-1.50019	0.446101	0.849784	-1.17677	7.31175	5.0866	0.618378	1
cg24147827	0.334786	1.16936	1.16936	0.487177	1.11743	1.11743	0.104449	1.32202	1.32202	0.0842126	0.740467	-1.3505	7.17636	2.81175	0.348274	1
cg16255729	0.746695	0.938049	-1.06604	0.933964	0.98378	-1.01649	0.00272081	0.441813	-2.2634	0.38843	0.839936	-1.19057	6.97707	4.303	0.548208	1
cg06816718	0.672288	0.918008	-1.08931	0.000209001	3.48109	3.48109	0.943373	0.985818	-1.01439	0.191884	1.32018	1.32018	6.52607	4.17849	0.569135	1
cg23260500	0.00017917	0.26262	-3.80778	0.109847	1.44381	1.44381	0.54378	1.13825	1.13825	0.0388485	0.604098	-1.65536	6.45228	4.53784	0.62515	1
cg20934105	0.0710228	1.66898	1.66898	0.00257359	2.89054	2.89054	0.64651	1.12443	1.12443	0.729003	0.915458	-1.09235	6.37287	6.51026	0.908053	1
cg20553058	0.806462	0.936762	-1.06751	0.000112302	0.16424	-6.08865	0.528863	0.843838	-1.18506	0.810401	0.938038	-1.06605	5.60763	6.2905	0.997134	1
cg03485262	0.782153	0.907512	-1.10191	0.0307231	2.56819	2.56819	0.0215537	2.81471	2.81471	0.00903948	0.280032	-3.57102	7.38137	12.1096	1.23042	1
cg05157625	0.297994	1.63245	1.63245	0.0506081	2.75083	2.75083	0.234801	1.76068	1.76068	0.0126139	4.09142	4.09142	4.46216	14.5834	2.90509	1
cg10170678	0.0300048	0.427485	-2.33926	0.0451345	0.465215	-2.14954	0.13649	0.586211	-1.70587	0.179028	0.62174	-1.60839	4.35599	7.64637	1.56033	1
cg06762891	0.152211	1.48161	1.48161	0.00180966	3.11747	3.11747	0.812279	1.06288	1.06288	0.349033	1.28031	1.28031	4.09335	4.25925	0.924915	1
cg25114781	0.218416	0.785273	-1.27344	0.231473	1.26409	1.26409	0.0162754	0.57775	-1.73085	0.986844	1.00308	1.00308	4.09201	2.25958	0.490838	1
cg23625388	0.256813	0.665901	-1.50173	0.00214671	0.227422	-4.3971	0.507385	0.793688	-1.25994	0.1374	0.577135	-1.7327	4.05779	7.5856	1.66168	1
cg02268192	0.326981	0.809985	-1.23459	0.410648	1.1915	1.1915	0.648105	0.908742	-1.10042	0.0737275	0.660236	-1.51461	4.01556	2.75823	0.610566	1
cg05885676	0.0347207	1.34708	1.34708	0.00230085	1.67467	1.67467	0.226765	1.16602	1.16602	0.688522	0.952399	-1.04998	3.94724	0.915762	0.206223	1
cg01725130	0.0827255	0.320705	-3.11813	0.0217492	0.195893	-5.10483	0.0248947	0.20599	-4.85459	0.056991	0.279517	-3.5776	3.85142	21.3659	4.93113	1
cg10139508	0.016054	0.489032	-2.04486	0.557572	1.15485	1.15485	0.499583	0.846739	-1.181	0.78194	0.934864	-1.06967	3.53788	3.30165	0.829537	1
cg06140670	4.19E-05	0.244288	-4.09353	6.70E-06	0.163957	-6.09918	0.0485428	1.50271	1.50271	0.000519776	0.375987	-2.65967	34.3203	17.7553	0.459859	1
cg11824693	0.0949474	0.641803	-1.55811	0.598629	1.13697	1.13697	0.607103	0.882188	-1.13355	0.0196216	0.50592	-1.9766	18.3044	16.9317	0.82223	1
cg19098017	0.770268	1.02556	1.02556	8.63E-06	2.30161	2.30161	0.00320596	1.41448	1.41448	0.00437864	1.38823	1.38823	17.8055	2.09517	0.104595	1
cg14534739	0.180361	1.18683	1.18683	0.00082662	1.83374	1.83374	0.0104019	1.47474	1.47474	0.951435	1.00736	1.00736	14.5701	3.34542	0.204096	1
cg09059042	0.00197376	0.549547	-1.81968	0.000752406	0.496664	-2.01343	0.883164	1.02034	1.02034	0.00251776	0.56302	-1.77614	12.9311	3.83995	0.26396	1
cg26282025	0.00449394	0.302825	-3.30224	0.0847203	0.548089	-1.82452	0.000240957	0.147188	-6.79401	0.0703325	0.528349	-1.89269	11.7814	18.56	1.40032	1
cg16857104	0.104143	0.759255	-1.31708	0.0181383	1.56014	1.56014	0.446628	0.8867	-1.12778	0.678562	0.93744	-1.06673	11.2078	4.26551	0.338296	1
cg09035079	0.0420652	0.643951	-1.55291	0.000317059	0.334219	-2.99205	0.00363722	0.477461	-2.09441	0.113807	0.723777	-1.38164	10.8756	6.08143	0.497049	1
cg09724776	0.234524	1.07874	1.07874	4.64E-05	0.626445	-1.59631	0.862211	0.989489	-1.01062	0.0154502	1.19809	1.19809	10.7811	0.631681	0.0520812	1
cg13731926	0.171715	0.738605	-1.3539	0.0560978	0.637267	-1.5692	0.995083	1.00128	1.00128	0.00602386	0.473667	-2.11119	9.04677	6.21371	0.610527	1
cg00255853	0.344172	1.17898	1.17898	0.0564645	1.44037	1.44037	0.0700226	1.40815	1.40815	0.625363	0.920216	-1.0867	7.30878	3.30493	0.401943	1
cg24121557	0.131145	0.719729	-1.38941	0.744359	0.936109	-1.06825	0.0747576	1.49258	1.49258	0.0258295	0.586259	-1.70573	7.29198	4.70214	0.573189	1
cg20372195	0.0022965	0.3316	-3.01568	0.00119843	0.292475	-3.41909	0.252498	1.36288	1.36288	0.00966049	0.428176	-2.33549	7.25314	7.70697	0.944507	1
cg12721695	0.0394722	0.362107	-2.76162	0.0262154	0.324763	-3.07917	0.000934078	0.121653	-8.2201	0.137003	0.505034	-1.98006	6.55429	18.88	2.5605	1
cg16529229	0.0416679	0.298841	-3.34626	0.008855	0.180187	-5.54977	0.000543667	0.0629922	-15.875	0.0654035	0.34515	-2.89729	5.99611	25.1241	3.7245	1
cg26280097	0.705645	0.917426	-1.09001	0.00404351	0.4161	-2.40327	0.70662	1.08968	1.08968	0.00979309	0.47629	-2.09956	5.87575	4.80023	0.726183	1
cg10407552	0.00271623	0.485812	-2.05841	0.0260958	1.58452	1.58452	0.183564	1.27889	1.27889	0.138125	0.757025	-1.32096	5.39098	2.59539	0.42794	1
cg24536938	0.0163028	1.34288	1.34288	0.043529	1.26237	1.26237	0.94125	1.00743	1.00743	0.0196003	0.753458	-1.32721	5.20066	0.829936	0.141851	1
cg04797098	0.196116	0.652079	-1.53356	0.0753235	0.538268	-1.85781	0.00943072	0.357262	-2.79907	0.0573007	0.510348	-1.95945	4.96603	7.69576	1.37749	1
cg16070279	0.894373	1.03836	1.03836	0.0350563	2.00552	2.00552	0.0823168	1.72531	1.72531	0.995791	0.998506	-1.0015	4.58874	5.8363	1.13055	1
cg02475416	0.0266752	0.624414	-1.6015	0.0895993	0.714911	-1.39878	0.354643	1.1862	1.1862	0.275242	0.815829	-1.22575	4.1586	2.11791	0.452698	1
cg20505183	0.288769	0.831198	-1.20308	0.0065135	0.552322	-1.81054	0.684643	1.07096	1.07096	0.102518	1.34981	1.34981	3.91642	1.74841	0.396828	1
cg06736783	0.0813536	0.422025	-2.36953	0.111113	0.460696	-2.17063	0.0178334	0.276378	-3.61824	0.0982204	0.444924	-2.24758	3.80969	12.0304	2.80696	1
cg08757100	0.507451	0.816076	-1.22538	0.00609445	0.338858	-2.95109	0.0723857	1.83308	1.83308	0.0555606	0.519053	-1.92659	3.55136	5.13824	1.28608	1
cg06363559	0.11493	0.649859	-1.53879	0.000115645	0.182787	-5.47085	0.0291133	0.523847	-1.90896	0.747839	0.9221	-1.08448	9.72062	9.73235	0.889961	1
cg11011640	0.680149	1.04781	1.04781	0.0668437	0.793363	-1.26046	0.0347998	0.757921	-1.3194	0.129205	0.831351	-1.20286	6.79892	1.36673	0.178686	1
cg26106778	0.0403136	0.776088	-1.28851	0.0166029	0.731209	-1.3676	0.528221	1.07077	1.07077	0.100271	1.21251	1.21251	6.37735	1.15664	0.161215	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg27331144	RING1;MIR219-1	0.0100639	?	?	?	0.706566	0.819649	-1.22003	0.446289	1.50415
cg03341723	RING1;MIR219-1	0.0102931	0.42037	1.1017	1.1017	0.54617	1.0745	1.0745	0.679278	0.952265
cg19356389	RING1;MIR219-1	0.0120585	0.069465	1.81465	1.81465	0.0274665	0.465195	-2.14963	0.089003	1.73397
cg25026287	RING1;MIR219-1	0.0242363	0.337911	1.16262	1.16262	0.25634	0.834677	-1.19807	0.00986812	0.60814
cg12065531	RING1;RING1	0.000241243	0.342345	1.0738	1.0738	0.22262	1.09776	1.09776	0.0085674	1.27643
cg01241018	RING1;RING1	0.00166661	0.0194557	0.799591	-1.25064	5.94E-05	0.555358	-1.80064	0.034569	1.21546
cg12115664	RING1;RING1	0.0249566	0.232856	1.78956	1.78956	0.901364	0.943951	-1.05938	0.732567	0.852513
cg01878788	RING1;RING1	0.033085	0.00282743	0.00906618	-110.3	0.258484	2.57723	2.57723	?	?
cg25675800	RINL	0.00026356	0.916544	1.04764	1.04764	0.00111057	8.44204	8.44204	0.958692	1.02326
cg02711397	RINL	0.000275356	0.314543	1.49397	1.49397	0.00240744	5.11257	5.11257	0.618798	1.21362
cg03231163	RINL	0.00109501	0.319746	1.92287	1.92287	0.00191043	16.3692	16.3692	0.513687	0.656277
cg09474229	RINL	0.00162023	0.0500605	4.25285	4.25285	0.00159205	18.8354	18.8354	0.158025	0.376104
cg02812809	RINL	0.0105914	0.486697	1.18443	1.18443	0.00366463	2.56259	2.56259	0.128692	1.4818
cg09565670	RINL	0.0300874	0.394085	1.20219	1.20219	0.00180343	2.55055	2.55055	0.12233	0.702421
cg11786666	RINT1	0.00306307	0.00211475	0.308369	-3.24287	0.0006746	0.242858	-4.11762	0.139674	0.648769
cg03446694	RINT1	0.00310645	0.00214296	0.541539	-1.84659	0.42814	0.891303	-1.12195	0.194862	0.822792
cg11236311	RINT1	0.0109248	0.614193	0.806217	-1.24036	0.736921	0.86686	-1.15359	0.0102859	0.254012
cg18523172	RINT1;RINT1	0.0380908	0.370856	0.777147	-1.28676	0.201536	1.44783	1.44783	0.284817	1.3564
cg21700723	RIOK1	3.56E-07	2.41E-08	0.329808	-3.03206	0.116711	0.912786	-1.09555	2.74E-05	0.642228
cg24929567	RIOK1;CAGE1;RIOK1;CAGE1;CAGE1	0.0190447	0.568879	0.89218	-1.12085	0.0307699	1.65313	1.65313	0.254087	0.789804
cg19037806	RIOK1;RIOK1	6.42E-05	7.46E-05	0.2219	-4.50654	0.531274	0.875703	-1.14194	0.565487	0.885509
cg06821182	RIOK1;RIOK1	0.0040132	0.126805	0.543212	-1.8409	0.121654	0.537917	-1.85902	0.00790739	0.283995
cg23282964	RIOK1;RIOK1	0.0326456	0.466343	0.85145	-1.17447	0.133697	0.704049	-1.42036	0.000991871	0.34597
cg10471548	RIOK1;RIOK1;RIOK1	0.0206594	0.0469499	0.572409	-1.747	0.0665374	0.603659	-1.65657	0.0194479	0.500047
cg20952076	RIOK2	0.0243007	0.25946	0.68677	-1.45609	0.00350323	3.54334	3.54334	0.0161452	2.56024
cg26082324	RIOK2;RIOK2	0.015979	0.00184581	0.329656	-3.03347	0.173348	0.69516	-1.43852	0.382332	1.25216
cg08828607	RIOK2;RIOK2	0.0325332	0.78357	0.951346	-1.05114	0.0692771	1.44509	1.44509	0.0755676	1.43096
cg12676081	RIOK2;RIOK2	0.033601	0.369753	0.816455	-1.22481	0.795442	0.944409	-1.05886	0.0068634	2.16123
cg07851278	RIOK3	0.00547507	0.00741086	1.43103	1.43103	0.0701063	1.23414	1.23414	0.804303	0.974537
cg12802329	RIOK3	0.0100541	0.0719306	0.341006	-2.9325	0.00570018	0.143467	-6.97023	0.0539173	0.30978
cg19223541	RIOK3;RIOK3	0.00803561	0.0152665	0.414327	-2.41355	0.000645354	0.21261	-4.70345	0.196877	0.667948
cg04099420	RIPK1	0.00194103	0.0134205	0.430668	-2.32197	0.0482373	0.537337	-1.86103	0.0691349	0.571456
cg13279192	RIPK1	0.00227374	0.319207	0.851509	-1.17439	0.0710402	1.37014	1.37014	0.000567887	2.30192
cg05902483	RIPK1	0.00291405	0.00160273	0.542506	-1.8433	0.575379	1.07946	1.07946	0.268946	0.855934
cg24303123	RIPK1	0.00468163	0.0258634	0.520913	-1.91971	0.0101578	0.44605	-2.2419	0.0802192	0.623034
cg06367140	RIPK1	0.0059615	0.0125117	0.799661	-1.25053	0.256603	1.08895	1.08895	0.036138	0.839158
cg24886867	RIPK1	0.0418463	0.107182	0.486539	-2.05534	0.111882	0.491993	-2.03255	0.0911394	0.466573
cg02772312	RIPK1	0.0435933	0.756306	0.889007	-1.12485	0.0105487	0.296429	-3.37349	0.225938	0.61843
cg13420934	RIPK1	0.0463077	0.270137	0.822409	-1.21594	0.134852	1.31585	1.31585	0.507061	1.12144
cg15723028	RIPK2	0.0124431	0.0123669	0.371601	-2.69106	0.564556	1.20337	1.20337	0.0471427	0.48574
cg00564714	RIPK2	0.0228214	0.071076	0.458918	-2.17904	0.0022499	0.191683	-5.21694	0.0657613	0.450415
cg13796295	RIPK3	0.000130002	0.105889	0.741464	-1.34868	0.00860394	0.566938	-1.76386	0.000527199	0.400647
cg23621631	RIPK3	0.000279145	0.000572104	2.82253	2.82253	0.659667	0.91739	-1.09005	0.0121503	0.544365
cg01714342	RIPK3	0.000316212	0.00140457	0.221889	-4.50676	0.158664	0.61236	-1.63303	6.22E-05	0.0905196
cg27175788	RIPK3	0.00226825	0.395716	0.686302	-1.45708	0.000251141	0.0732914	-13.6442	0.0127528	0.262041
cg13583230	RIPK3	0.0155762	0.74752	0.885271	-1.1296	0.799279	0.90834	-1.10091	0.265311	0.645333
cg27599271	RIPK3	0.0479063	0.935169	0.957016	-1.04491	0.00591236	0.143042	-6.99096	0.161786	0.446275
cg02797195	RIPK4	0.00782948	0.262191	0.686683	-1.45628	0.24597	1.47715	1.47715	0.000521654	0.175666
cg01303480	RIPK4	0.00814693	0.611163	1.12088	1.12088	0.289532	0.782952	-1.27722	0.330328	1.25054
cg21111451	RIPK4	0.00996397	0.217488	0.794086	-1.25931	0.0954951	0.7222	-1.38466	0.00729986	0.54075
cg05616999	RIPK4	0.0111211	0.00139286	6.02999	6.02999	0.00362523	4.60485	4.60485	0.549103	1.26511
cg12012871	RIPK4	0.0120206	0.209876	1.22002	1.22002	0.0266615	1.48478	1.48478	0.467245	1.11775
cg24684357	RIPK4	0.0143118	0.152773	0.777097	-1.28684	0.295865	1.19544	1.19544	0.0219321	0.635877
cg11044273	RIPK4	0.0145447	0.730459	1.0562	1.0562	0.703447	0.941326	-1.06233	0.0145827	0.621515
cg08811332	RIPK4	0.0160758	0.927775	0.976021	-1.02457	0.255857	0.727943	-1.37373	0.000697152	0.250414
cg25033972	RIPK4	0.0168365	0.0542871	0.54846	-1.82329	0.0832269	1.69456	1.69456	0.00396959	0.344629
cg01618781	RIPK4	0.0216172	0.0219254	2.6225	2.6225	0.321779	0.698413	-1.43182	0.157091	1.70002
cg17879722	RIPK4	0.0298458	0.0102732	4.54893	4.54893	0.0340361	3.18585	3.18585	0.625869	0.794439
cg12091376	RIPK4	0.0302929	0.278202	0.843038	-1.18619	0.535102	0.909271	-1.09978	0.220319	0.822723
cg05515488	RIPK4	0.0328127	0.668265	0.847742	-1.1796	0.0156399	0.321263	-3.11272	0.0689773	0.458525
cg05306310	RIPK4	0.0468494	0.0430532	7.65422	7.65422	0.0124152	15.1877	15.1877	0.35626	2.29233
cg05942449	RIPPLY2	0.00318259	0.321386	0.896346	-1.11564	0.00115085	0.600318	-1.66578	0.000730816	0.577864
cg23215729	RIPPLY2	0.00505561	0.420502	1.11967	1.11967	0.715322	0.950935	-1.0516	0.382584	1.13087
cg03818920	RIPPLY2	0.0134106	0.585962	0.936923	-1.06732	0.118471	0.818096	-1.22235	0.321071	1.12913
cg19736503	RIPPLY2	0.0160259	0.897578	0.981675	-1.01867	0.879971	1.02194	1.02194	0.420783	1.12538
cg15757437	RIPPLY2	0.0171816	0.0485419	0.574507	-1.74062	0.00568284	2.44056	2.44056	0.107455	1.54051
cg09035101	RIT1	0.0155603	0.0123323	0.415392	-2.40736	0.767915	0.919952	-1.08701	0.00579724	0.360969
cg16763239	RLBP1	0.000333815	0.0470478	0.682251	-1.46574	6.90E-05	0.294137	-3.39978	0.00110374	0.445253
cg03197762	RLBP1	0.00540099	0.0308394	1.29699	1.29699	0.89561	1.01355	1.01355	0.404898	0.916308
cg10550869	RLBP1	0.019331	0.0330736	0.627009	-1.59487	0.0101478	1.83566	1.83566	0.485582	0.875697
cg04896013	RLBP1	0.031547	0.289599	1.25459	1.25459	0.0368209	0.606286	-1.64939	0.771025	1.06207
cg20828955	RLF	0.000127645	9.95E-05	0.140743	-7.10517	0.949772	1.01805	1.01805	0.000492506	0.212354
cg18348226	RLF	0.000195444	7.58E-06	0.272694	-3.66711	0.0747409	0.769429	-1.29967	0.312112	1.14806
cg03828076	RLF	0.00177235	0.847272	1.03502	1.03502	0.0275049	1.59262	1.59262	0.354898	0.843759
cg01101221	RLF	0.012993	0.555739	1.16031	1.16031	0.0137163	2.13907	2.13907	0.937377	0.980586
cg18646240	RLF	0.0204771	0.657626	0.782548	-1.27788	0.879653	1.08686	1.08686	0.200703	0.475705
cg16518825	RLF	0.0294664	0.81354	1.03124	1.03124	0.0214235	0.697805	-1.43307	0.0491793	0.746543
cg16989837	RLF	0.0295227	0.588107	1.22177	1.22177	0.46316	1.31463	1.31463	0.691563	1.15728
cg01771444	RLF	0.0311895	0.00138676	0.259318	-3.85626	0.162116	0.647491	-1.54442	0.943093	0.979427
cg20929609	RLF	0.0477392	0.15336	0.420594	-2.37759	0.889677	1.0818	1.0818	0.142125	0.409013
cg00321065	RLF;RLF	0.00217387	0.629579	1.05932	1.05932	0.000240474	0.486469	-2.05563	0.0112867	0.686407
cg00510327	RLIM;RLIM	0.000543774	0.0870853	1.71558	1.71558	0.00760822	0.375128	-2.66576	0.125822	0.622995
cg18769420	RLIM;RLIM;RLIM;RLIM	0.0287581	0.00546695	0.360588	-2.77325	0.453152	0.807883	-1.2378	0.760905	1.08893
cg00055233	RLN1	0.00254457	0.788338	0.936878	-1.06737	0.393357	0.809078	-1.23598	0.140627	1.46823
cg20789691	RLN1	0.00909394	0.685781	1.06972	1.06972	0.000615064	2.39613	2.39613	0.0334306	1.50953
cg02875297	RLN2;RLN2	4.22E-05	0.0553482	1.42881	1.42881	2.46E-05	0.251903	-3.96978	0.140779	0.770826
cg03679581	RLN2;RLN2	0.00354094	0.809723	1.05871	1.05871	0.0665697	0.614747	-1.62668	0.224747	1.35201
cg03931808	RLN3	1.09E-05	0.762657	0.963674	-1.03769	0.0361993	1.34658	1.34658	0.00191876	0.584702
cg27580806	RLN3	5.28E-05	0.824566	1.03844	1.03844	0.675749	0.931022	-1.07409	9.54E-06	0.197643
cg18256471	RLN3	0.000926441	0.00127638	0.205212	-4.87301	0.000315476	0.139787	-7.15374	0.0561205	0.482267
cg00722300	RLN3	0.00662836	0.229202	0.561765	-1.7801	0.00496391	0.182696	-5.47356	0.00670368	0.200466
cg02281038	RLN3	0.0151902	0.478268	0.737985	-1.35504	0.00258137	0.171962	-5.81522	0.0496158	0.389075
cg11431585	RLN3	0.0328044	0.796484	0.925619	-1.08036	0.433855	1.26976	1.26976	0.00806919	0.362482
cg04529388	RLTPR	0.00147327	0.019633	0.449689	-2.22376	0.468782	0.811424	-1.2324	0.604956	0.862484
cg24536529	RLTPR	0.0018123	0.000692376	0.475517	-2.10297	0.000514273	0.459186	-2.17777	0.00261218	0.549645
cg03992830	RLTPR	0.00217841	0.618688	0.924923	-1.08117	0.338344	1.16593	1.16593	0.370341	0.866676
cg01978105	RLTPR	0.00235015	0.154866	1.33463	1.33463	0.942049	1.01388	1.01388	0.31663	0.821781
cg00846114	RLTPR	0.0110817	0.233231	0.365464	-2.73625	0.647894	0.690529	-1.44817	0.0243739	0.115262
cg05896368	RLTPR	0.0124089	0.503098	0.867143	-1.15321	0.000777977	2.90521	2.90521	0.0163436	1.85107
cg09316954	RLTPR	0.0136547	0.0113549	3.13532	3.13532	0.276014	0.664617	-1.50463	0.0382481	2.37699
cg09583024	RLTPR	0.015662	0.162592	0.530468	-1.88513	0.00591194	0.216227	-4.62476	0.0229081	0.31426
cg23195510	RLTPR	0.0179066	0.017647	0.275008	-3.63626	0.737829	0.860502	-1.16211	0.0196921	0.283688
cg08314208	RLTPR	0.0198542	0.0299879	3.54162	3.54162	0.701208	1.21041	1.21041	0.10863	0.420288
cg05764001	RLTPR	0.0230028	0.663074	0.779358	-1.28311	0.0140555	0.178334	-5.60746	0.0167173	0.189933
cg03546673	RLTPR	0.0254041	0.0105601	2.56059	2.56059	0.0643737	0.544752	-1.8357	0.349256	0.754529
cg19582491	RLTPR	0.0314515	0.160278	1.76448	1.76448	0.111454	0.518773	-1.92762	0.431344	0.737845
cg15833579	RLTPR	0.0388073	0.0181254	0.426694	-2.3436	0.0490426	0.513294	-1.9482	0.00687278	0.353912
cg01690573	RMND1	0.040279	0.128784	0.625815	-1.59792	0.0618621	0.548593	-1.82285	0.0132766	0.416393
cg08456130	RMND1;C6orf211	0.0227787	0.305429	0.85396	-1.17102	0.202285	0.818507	-1.22174	0.0597887	1.3716
cg06494167	RMND5A	0.000119191	0.0394155	0.613757	-1.62931	0.121335	0.708854	-1.41073	0.00816829	0.499829
cg15920202	RMND5A	0.000856427	2.70E-05	0.265075	-3.77252	0.477114	0.890635	-1.12279	0.00251928	1.95831
cg23944232	RMND5A	0.00208041	0.00478632	0.6667	-1.49993	0.438195	1.08939	1.08939	0.0942848	0.819422
cg10665490	RMND5A	0.0100427	0.268846	1.5776	1.5776	0.825038	0.916079	-1.09161	0.436159	0.730151
cg00112367	RMND5B	5.51E-05	0.281891	1.19966	1.19966	0.0182124	1.59461	1.59461	0.247745	1.21739
cg16257040	RMND5B	0.000747208	0.910043	0.984311	-1.01594	0.00100738	1.97947	1.97947	0.000726361	2.05243
cg12145394	RMND5B	0.0114935	0.0129085	3.83401	3.83401	0.00382218	5.59621	5.59621	0.011229	3.99599
cg25553916	RMND5B	0.0370313	0.051363	0.491663	-2.03391	0.00573329	0.313779	-3.18696	0.673503	0.873168
cg01426921	RMRP;CCDC107	0.018799	0.00433191	0.631273	-1.5841	0.00941605	1.4875	1.4875	0.474017	1.09182
cg02716635	RMST	0.000170669	1.73E-05	0.261262	-3.82757	0.0127887	0.624127	-1.60224	0.312522	0.85279
cg04303901	RMST	0.000414014	0.0544851	0.739518	-1.35223	0.731656	1.04876	1.04876	6.33E-06	0.248065
cg03782861	RMST	0.000984785	0.00203457	0.318138	-3.14329	0.77088	0.925995	-1.07992	0.228724	0.717059
cg23390920	RMST	0.00306719	0.00373366	0.217774	-4.59191	0.000524424	0.121989	-8.19745	0.0878448	0.48033
cg21761356	RMST	0.00644975	0.0787768	0.743912	-1.34425	0.663628	0.935836	-1.06856	0.000493398	0.437459
cg27315341	RMST	0.0155778	0.0596145	0.311761	-3.20759	0.0806374	0.345664	-2.89298	0.0228613	0.224706
cg27533635	RMST;MIR1251	0.00100178	0.251778	1.34674	1.34674	0.692184	0.9058	-1.104	0.0149034	0.474965
cg00030523	RMST;MIR1251	0.00214913	0.622832	1.0662	1.0662	0.0014053	0.549914	-1.81847	0.000956689	0.529282
cg19702383	RMST;MIR1251	0.00620488	0.123937	0.681074	-1.46827	0.000949452	0.321177	-3.11354	0.104803	0.66454
cg04663692	RMST;MIR1251	0.0103761	0.507274	1.16978	1.16978	0.00199718	0.361652	-2.76509	0.00149258	0.343874
cg17967602	RMST;MIR1251	0.0106142	0.135021	2.08235	2.08235	0.208052	1.82994	1.82994	0.0572917	0.375676
cg01826623	RNASE10	6.14E-05	0.709628	0.952642	-1.04971	0.0114678	0.663463	-1.50724	0.00357337	0.599335
cg00478884	RNASE10	0.00213068	0.0491276	0.345506	-2.89431	0.261445	0.574569	-1.74043	0.0088191	0.206426
cg14516213	RNASE10	0.0139424	0.799822	0.958836	-1.04293	0.185382	0.792683	-1.26154	0.00395573	0.526661
cg23260578	RNASE10	0.0156225	0.967241	1.0187	1.0187	0.267648	1.68369	1.68369	0.0576858	0.37971
cg03795378	RNASE10	0.0299225	0.0167571	0.128137	-7.80418	0.571986	1.49466	1.49466	0.08843	0.266368
cg04136490	RNASE11	2.53E-06	4.18E-05	0.271049	-3.68937	5.54E-07	0.0981227	-10.1913	0.00401335	0.523647
cg01853665	RNASE11	0.000568184	0.143809	0.675498	-1.48039	0.78384	1.0711	1.0711	0.0137843	0.467452
cg15505294	RNASE11	0.00092865	0.0316663	0.444692	-2.24874	0.0211962	0.410114	-2.43834	0.000862136	0.20002
cg01620379	RNASE11	0.00467414	0.811686	0.945115	-1.05807	0.682502	0.907311	-1.10216	0.00730801	0.441296
cg06760771	RNASE11;RNASE12	0.00543029	0.00797788	0.433115	-2.30886	0.258666	1.33641	1.33641	0.00302421	0.367866
cg14149503	RNASE12	0.000963554	0.000175748	0.239962	-4.16733	0.0365685	0.579865	-1.72454	0.000382893	0.280319
cg04957177	RNASE12	0.00104407	0.80095	0.929645	-1.07568	0.0224597	0.45404	-2.20245	0.00341894	0.317059
cg02647684	RNASE12	0.00327936	0.0131334	0.173712	-5.75666	0.0408256	0.260879	-3.8332	0.0120329	0.168219

Probeset ID	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27331144	1.50415	0.941436	0.962101	-1.03939	0.0691707	0.343281	-2.91306
cg03341723	-1.05013	0.0811165	0.796515	-1.25547	0.000194376	0.478241	-2.091
cg19356389	1.73397	0.207097	1.4776	1.4776	0.0248659	0.456765	-2.18931
cg25026287	-1.64436	0.110805	1.30342	1.30342	0.145468	1.26923	1.26923
cg12065531	1.27643	0.413559	0.94098	-1.06272	0.00842902	0.782825	-1.27742
cg01241018	1.21546	0.0274186	0.813369	-1.22945	0.2036	0.899204	-1.11209
cg12115664	-1.173	0.0839144	2.43451	2.43451	0.602458	1.27694	1.27694
cg01878788	?	0.363597	0.478648	-2.08922	0.369912	0.483826	-2.06686
cg25675800	1.02326	0.00506675	5.18189	5.18189	0.0111041	0.243267	-4.1107
cg02711397	1.21362	0.12721	1.89013	1.89013	0.000114366	0.0733113	-13.6405
cg03231163	-1.52375	0.0678654	3.67118	3.67118	0.0010826	0.0465171	-21.4975
cg09474229	-2.65884	0.0154718	6.85175	6.85175	0.0481822	0.231547	-4.31877
cg02812809	1.4818	0.010556	0.462811	-2.16071	0.417519	0.820019	-1.21948
cg09565670	-1.42365	0.316919	1.2439	1.2439	0.74675	0.933933	-1.07074
cg11786666	-1.54138	0.0771996	0.585743	-1.70723	0.343061	0.766506	-1.30462
cg03446694	-1.21537	0.000153383	0.397273	-2.51716	0.0163601	0.658716	-1.5181
cg11236311	-3.93682	0.555232	1.28771	1.28771	0.304214	0.637042	-1.56976
cg18523172	1.3564	0.616538	0.870637	-1.14858	0.335711	0.761568	-1.31308
cg21700723	-1.55708	0.0299034	1.14658	1.14658	2.15E-05	0.632794	-1.58029
cg24929567	-1.26614	0.540239	0.884394	-1.13072	0.0441173	0.632389	-1.58131
cg19037806	-1.12929	0.0152726	0.536106	-1.8653	2.96E-06	0.0970126	-10.3079
cg06821182	-3.52119	0.216618	0.618514	-1.61678	0.000309509	0.114972	-8.6978
cg23282964	-2.89043	0.884305	0.968906	-1.03209	0.482977	0.856694	-1.16728
cg10471548	-1.99981	0.0621932	0.597468	-1.67373	0.074698	0.614434	-1.62751
cg20952076	2.56024	0.203939	1.53458	1.53458	0.445421	0.780004	-1.28204
cg26082324	1.25216	0.750023	0.922906	-1.08353	0.746212	0.921729	-1.08492
cg08828607	1.43096	0.297656	1.21602	1.21602	0.528966	0.890878	-1.12249
cg12676081	2.16123	0.17757	0.729464	-1.37087	0.0242133	0.553482	-1.80674
cg07851278	-1.02613	0.142433	0.848899	-1.178	0.00163988	1.59755	1.59755
cg12802329	-3.22809	0.847641	0.902117	-1.1085	0.149539	0.437123	-2.28769
cg19223541	-1.49712	0.0247129	0.453419	-2.20547	0.109748	1.67478	1.67478
cg04099420	-1.74992	0.750124	0.915836	-1.0919	0.000146977	0.165835	-6.03011
cg13279192	2.30192	0.0182892	1.56396	1.56396	0.00212742	0.509593	-1.96235
cg05902483	-1.16831	0.613512	1.07124	1.07124	0.000209423	0.432595	-2.31163
cg24303123	-1.60505	0.746732	0.925179	-1.08087	0.000514383	0.246329	-4.05961
cg06367140	-1.19167	0.0429106	0.845631	-1.18255	0.0221568	0.820883	-1.2182
cg24886867	-2.14329	0.414375	0.710466	-1.40753	0.0135772	0.28615	-3.49467
cg02772312	-1.617	0.467094	1.32269	1.32269	0.0168679	0.332267	-3.00962
cg13420934	1.12144	0.256815	0.817484	-1.22327	0.274508	0.823988	-1.21361
cg15723028	-2.05871	0.0531828	0.497437	-2.01031	0.00573261	0.316241	-3.16214
cg00564714	-2.22018	0.818719	1.09273	1.09273	0.096887	0.494644	-2.02166
cg13796295	-2.49596	0.91328	0.981719	-1.01862	0.54689	0.901899	-1.10877
cg23621631	-1.837	0.0828117	0.688162	-1.45315	0.0243788	0.593364	-1.68531
cg01714342	-11.0473	0.428523	0.768673	-1.30094	0.00150008	0.2255	-4.43459
cg27175788	-3.8162	0.462937	1.38178	1.38178	0.807357	1.11152	1.11152
cg13583230	-1.54959	0.42206	1.36264	1.36264	0.00950756	3.45385	3.45385
cg27599271	-2.24077	0.200154	0.481498	-2.07685	0.0264551	0.241454	-4.14157
cg02797195	-5.69264	0.578624	0.834953	-1.19767	0.923629	0.969642	-1.03131
cg01303480	1.25054	0.0183598	0.528935	-1.89059	0.74808	0.930791	-1.07436
cg21111451	-1.84928	0.0409049	0.657478	-1.52096	0.0223501	0.614814	-1.62651
cg05616999	1.26511	0.124384	1.90678	1.90678	0.979714	0.990185	-1.00991
cg12012871	1.11775	0.710628	1.05769	1.05769	0.128831	1.28018	1.28018
cg24684357	-1.57263	0.544498	0.90392	-1.10629	0.927506	0.985125	-1.0151
cg11044273	-1.60897	0.0566817	0.711031	-1.40641	0.0322153	0.672631	-1.4867
cg08811332	-3.99338	0.44026	1.23454	1.23454	0.148044	0.660067	-1.515
cg25033972	-2.90167	0.928929	0.975764	-1.02484	0.103223	0.61252	-1.6326
cg01618781	1.70002	0.778098	1.10414	1.10414	0.418772	1.33606	1.33606
cg17879722	-1.25875	0.44933	1.43485	1.43485	0.3627	0.64523	-1.54983
cg12091376	-1.21548	0.00080258	0.464814	-2.1514	0.319519	0.855756	-1.16856
cg05515488	-2.18091	0.492506	0.765613	-1.30614	0.00219799	0.193003	-5.18126
cg05306310	2.29233	0.169945	3.58937	3.58937	0.0775622	5.5577	5.5577
cg05942449	-1.73051	0.381232	0.908527	-1.10068	0.503556	0.930059	-1.0752
cg23215729	1.13087	0.395742	0.887403	-1.12688	0.373452	1.1337	1.1337
cg03818920	1.12913	0.944056	1.00835	1.00835	0.0194426	1.39749	1.39749
cg19736503	1.12538	0.811187	0.966213	-1.03497	0.797186	0.96369	-1.03768
cg15757437	1.54051	0.940074	0.981678	-1.01866	0.0184588	0.495116	-2.01973
cg09035101	-2.77032	0.22422	0.6977	-1.43328	0.010674	0.404574	-2.47174
cg16763239	-2.24592	0.10005	1.35412	1.35412	6.64E-05	0.292241	-3.42183
cg03197762	-1.09134	0.799721	1.02642	1.02642	0.161179	1.16588	1.16588
cg10550869	-1.14195	0.0901145	1.41891	1.41891	0.548075	0.892389	-1.12059
cg04896013	1.06207	0.575695	0.889873	-1.12376	0.273053	1.26539	1.26539
cg20828955	-4.70913	0.519863	0.83091	-1.2035	3.12E-05	0.0996683	-10.0333
cg18348226	1.14806	0.115486	1.25351	1.25351	0.00409309	0.601297	-1.66307
cg03828076	-1.18517	0.173828	1.29471	1.29471	0.271669	0.815247	-1.22662
cg01101221	-1.0198	?	?	?	0.0023422	0.346557	-2.88553
cg18646240	-2.10214	0.79978	1.14994	1.14994	0.114112	0.388742	-2.5724
cg16518825	-1.33951	0.0859357	0.781108	-1.28023	0.0100156	0.654922	-1.5269
cg16989837	1.15728	0.00490479	3.91784	3.91784	0.181949	0.59512	-1.68033
cg01771444	-1.02101	0.496747	1.22254	1.22254	0.761902	0.915315	-1.09252
cg20929609	-2.44491	0.0809378	2.99302	2.99302	0.0273972	0.228031	-4.38537
cg00321065	-1.45686	0.0171664	0.70867	-1.41109	0.313579	1.13155	1.13155
cg00510327	-1.60515	0.111296	0.609239	-1.64139	0.000143913	0.153945	-6.49581
cg18769420	1.08893	0.0211365	2.16835	2.16835	0.0486795	0.533347	-1.87495
cg00055233	1.46823	0.453382	1.20331	1.20331	0.00689829	0.428512	-2.33366
cg20789691	1.50953	0.302382	1.19367	1.19367	0.128449	1.31295	1.31295
cg02875297	-1.29731	0.0865192	0.732653	-1.3649	1.84E-05	0.238322	-4.196
cg03679581	1.35201	0.516049	1.16853	1.16853	0.00371428	0.395714	-2.52708
cg03931808	-1.71027	0.0634869	1.29036	1.29036	1.98E-07	0.144402	-6.92511
cg27580806	-5.05964	0.949213	0.989236	-1.01088	0.000140048	0.327184	-3.05639
cg18256471	-2.07354	0.00834175	0.320967	-3.11559	0.000838314	0.18381	-5.44041
cg00722300	-4.98837	0.0157022	0.258402	-3.86995	0.00903027	0.219402	-4.55784
cg02281038	-2.5702	0.594582	1.25406	1.25406	0.0188844	0.301659	-3.315
cg11431585	-2.75876	0.813719	1.07314	1.07314	0.303563	0.727102	-1.37532
cg04529388	-1.15944	0.537429	0.837754	-1.19367	0.000536019	0.21715	-4.60511
cg24536529	-1.81936	0.0149517	0.650777	-1.53663	0.0929693	0.766938	-1.30389
cg03992830	-1.15383	0.409805	1.1401	1.1401	0.704368	1.06109	1.06109
cg01978105	-1.21687	0.76769	1.05777	1.05777	0.086318	1.43227	1.43227
cg00846114	-8.6759	0.157312	0.29585	-3.38009	0.0253202	0.117502	-8.51052
cg05896368	1.85107	0.0559477	1.57492	1.57492	0.0893262	1.48138	1.48138
cg09316954	2.37699	0.000791848	6.22143	6.22143	0.918935	1.03739	1.03739
cg09583024	-3.18207	0.748661	1.1465	1.1465	0.012566	0.267118	-3.74366
cg23195510	-3.525	0.224951	1.76826	1.76826	0.0241794	0.300581	-3.32689
cg08314208	-2.37932	0.0773434	2.64488	2.64488	0.00468693	0.155384	-6.43568
cg05764001	-5.26501	0.109885	2.69394	2.69394	0.0111575	0.163847	-6.10325
cg03546673	-1.32533	0.846801	1.05817	1.05817	0.114007	0.604975	-1.65296
cg19582491	-1.3553	0.886856	0.947534	-1.05537	0.143955	0.551966	-1.81171
cg15833579	-2.82556	0.115259	0.601567	-1.66232	0.138421	0.622861	-1.6055
cg01690573	-2.40158	0.478434	0.814029	-1.22846	0.00432975	0.336618	-2.97072
cg08456130	1.3716	0.0636439	0.733303	-1.36369	0.0147871	0.640056	-1.56236
cg06494167	-2.00069	1.12E-06	0.0747642	-13.3754	0.457743	0.856486	-1.16756
cg15920202	1.95831	0.272218	0.832675	-1.20095	0.0151636	0.620032	-1.61282
cg23944232	-1.22037	0.55201	0.936931	-1.06731	0.983673	0.997787	-1.00222
cg10665490	-1.36958	0.275806	1.56644	1.56644	0.0170535	0.316195	-3.16261
cg00112367	1.21739	0.000589618	0.421432	-2.37286	6.84E-05	0.305642	-3.2718
cg16257040	2.05243	0.194049	0.82511	-1.21196	0.000416814	0.456967	-2.18834
cg12145394	3.99599	0.0648153	2.43049	2.43049	0.73247	0.865559	-1.15532
cg25553916	-1.14526	0.10048	1.77865	1.77865	0.0758899	0.531408	-1.88179
cg01426921	1.09182	0.382192	0.897519	-1.11418	0.0825972	0.792996	-1.26104
cg02716635	-1.17262	0.000705745	0.455258	-2.19655	0.00344753	0.545841	-1.83204
cg04303901	-4.0312	0.0563164	0.741621	-1.3484	0.00784716	0.623838	-1.60298
cg03782861	-1.39459	0.92723	1.02434	1.02434	0.00335827	0.34972	-2.85943
cg23390920	-2.0819	0.0474869	0.413774	-2.41678	0.00301229	0.205346	-4.86983
cg21761356	-2.28593	0.0127279	0.625546	-1.5986	0.691398	1.06233	1.06233
cg27315341	-4.45027	0.0695183	0.328546	-3.04371	0.00360451	0.115261	-8.67597
cg27533635	-2.10542	0.00158377	0.323804	-3.08829	0.00514575	0.399025	-2.50611
cg00030523	-1.88935	0.0417361	1.35457	1.35457	0.0431556	0.740225	-1.35094
cg19702383	-1.5048	0.535719	1.15555	1.15555	0.59177	1.13292	1.13292
cg04663692	-2.90804	0.961913	0.988931	-1.01119	0.236019	0.748677	-1.33569
cg17967602	-2.66187	0.812091	1.11452	1.11452	0.0616189	0.383497	-2.60758
cg01826623	-1.66852	0.49437	0.91392	-1.09419	0.89076	1.01798	1.01798
cg00478884	-4.84435	0.0150753	0.24332	-4.10981	0.000839522	0.092821	-10.7734
cg14516213	-1.89875	0.870974	0.973467	-1.02726	0.378014	0.861023	-1.16141
cg23260578	-2.63359	0.564978	0.769149	-1.30014	0.0039169	0.173459	-5.76507
cg03795378	-3.7542	0.536177	0.643488	-1.55403	0.0232329	0.148193	-6.74795
cg04136490	-1.90968	0.473746	0.885211	-1.12967	0.000119134	0.324229	-3.08424
cg01853665	-2.13926	3.91E-05	0.13995	-7.14539	0.00919718	0.437777	-2.28427
cg15505294	-4.99949	0.576409	0.83397	-1.19908	0.146523	0.605716	-1.65094
cg01620379	-2.26605	0.00639081	0.432039	-2.3146	0.000802781	0.30224	-3.30862
cg06760771	-2.71838	0.0291954	0.531365	-1.88194	0.75236	1.081	1.081
cg14149503	-3.56737	0.00215226	0.380406	-2.62877	0.0482873	0.602771	-1.659
cg04957177	-3.15399	0.00164219	0.272036	-3.67598	0.000566583	0.213871	-4.67572
cg02647684	-5.94462	0.00810515	0.145224	-6.88592	0.00042158	0.0415754	-24.0527

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27331144	0.252395	0.533292	-1.87515	0.686344	0.807771	-1.23797	0.801521	1.14162	1.14162	0.000195154	0.037064	-26.9803	6.0165	23.4211	3.89281	1
cg03341723	0.163622	0.839544	-1.19112	0.333436	1.12454	1.12454	0.730718	1.04148	1.04148	0.941956	0.99147	-1.0086	5.8562	1.28373	0.194852	1
cg19356389	0.616975	0.862456	-1.15948	0.00432702	0.326553	-3.06229	0.0653932	0.54502	-1.8348	0.250625	1.42229	1.42229	5.5647	7.58934	1.2123	1
cg25026287	0.862705	1.02675	1.02675	0.627295	0.928089	-1.07748	0.661277	1.06956	1.06956	0.00367771	1.82012	1.82012	4.40442	1.62274	0.327497	1
cg12065531	0.0150086	0.804453	-1.24308	9.46E-05	1.65902	1.65902	0.00249705	0.736576	-1.35763	0.000344672	0.657566	-1.52076	17.4587	1.46453	0.0745645	1
cg01241018	0.248381	1.10025	1.10025	0.0934077	0.864068	-1.15732	0.253197	1.09909	1.09909	0.895483	1.01046	1.01046	10.1659	1.0093	0.0882514	1
cg12115664	0.651298	0.809242	-1.23573	0.000680309	0.0893384	-11.1934	0.32072	0.620463	-1.6117	0.974552	0.98527	-1.01495	4.35987	14.9436	3.04669	1
cg01878788	?	?	?	0.0789832	0.18517	-5.40044	0.616829	0.677324	-1.4764	0.567006	1.56546	1.56546	7.74495	48.6546	3.58977	1
cg25675800	0.000880294	9.14982	9.14982	2.63E-05	40.1302	40.1302	0.119382	2.11766	2.11766	0.00157647	7.50079	7.50079	17.0427	53.204	2.77494	1
cg02711397	0.0178358	3.03915	3.03915	4.90E-05	19.0117	19.0117	0.322364	1.48375	1.48375	0.0729204	2.16432	2.16432	16.8402	39.7347	2.09735	1
cg03231163	0.0279526	5.21428	5.21428	0.000300097	42.0778	42.0778	0.575776	1.43261	1.43261	0.0193954	6.03474	6.03474	11.4671	73.4381	5.69267	1
cg09474229	0.0172952	6.5438	6.5438	0.000274182	47.5392	47.5392	0.0980562	3.24054	3.24054	0.008543	8.79315	8.79315	10.2492	68.1373	5.9094	1
cg02812809	0.144353	1.4558	1.4558	0.0149923	2.0467	2.0467	0.371098	1.24602	1.24602	0.0716737	0.617755	-1.61876	5.80275	5.27147	0.807505	1
cg09565670	0.138266	1.40026	1.40026	0.992933	1.00187	1.00187	0.0366525	1.66893	1.66893	0.30083	0.797594	-1.25377	4.08261	2.87735	0.626474	1
cg11786666	0.000794595	0.251703	-3.97293	0.184328	1.46719	1.46719	0.0296422	0.498082	-2.0077	0.903102	1.03371	1.03371	8.50541	9.98316	1.04333	1
cg03446694	0.558716	0.919325	-1.08775	0.0756519	1.32482	1.32482	0.79472	1.03779	1.03779	0.201895	0.825571	-1.21128	8.46993	2.71424	0.28485	1
cg11236311	0.193371	0.558078	-1.79186	0.000260405	0.0784631	-12.7448	0.0503032	0.388462	-2.57426	0.750757	0.873677	-1.14459	5.7452	16.3402	2.52813	1
cg18523172	0.228567	1.41444	1.41444	0.00362597	0.339557	-2.94501	0.0749186	1.72329	1.72329	0.131182	0.639439	-1.56387	3.74986	4.47113	1.05986	1
cg21700723	6.03E-07	0.4797	-2.08464	0.000159038	0.707767	-1.41289	0.183843	0.927292	-1.07841	4.15E-07	0.462527	-2.16204	95.4148	4.33174	0.0403547	1
cg24929567	0.364271	1.20289	1.20289	0.00104842	0.382564	-2.61394	0.985289	0.996353	-1.00366	0.853787	1.03723	1.03723	4.78326	2.97409	0.552684	1
cg19037806	4.92E-05	0.202692	-4.93359	0.00694268	0.481391	-2.07731	0.403565	0.836196	-1.19589	0.00447721	0.452355	-2.21065	24.9133	17.2837	0.616673	1
cg06821182	0.0342945	0.401522	-2.49052	0.00155986	0.186365	-5.36581	0.904887	1.04516	1.04516	0.00615181	0.266943	-3.74612	7.8447	16.965	1.92232	1
cg23282964	0.968371	0.991435	-1.00864	0.146279	1.40259	1.40259	0.228978	1.31506	1.31506	0.898913	1.02796	1.02796	3.9654	2.95573	0.662562	1
cg10471548	0.201141	0.718064	-1.39263	0.178706	1.41976	1.41976	0.664501	1.11299	1.11299	0.00232667	0.352345	-2.83812	4.65291	4.43505	0.847269	1
cg20952076	0.49738	1.24616	1.24616	0.993678	1.00253	1.00253	0.00902266	2.88721	2.88721	0.362514	1.34843	1.34843	4.40037	7.11019	1.43628	1
cg26082324	0.0595172	0.586368	-1.70542	0.00558491	0.401141	-2.49289	0.861004	1.04497	1.04497	0.0130226	0.461499	-2.16685	5.07321	5.06152	0.886841	1
cg08828607	0.815864	0.958623	-1.04316	0.00286367	0.475549	-2.10283	0.985201	0.996646	-1.00337	0.0789772	1.42383	1.42383	3.9703	2.06358	0.462004	1
cg12676081	0.219738	0.752696	-1.32856	0.0625602	0.630405	-1.58628	0.381016	1.21873	1.21873	0.304415	1.26383	1.26383	3.9245	3.01238	0.682295	1
cg07851278	0.227918	1.14053	1.14053	0.168789	0.858701	-1.16455	0.00160929	1.59989	1.59989	0.92323	1.01006	1.01006	7.1375	1.22018	0.151959	1
cg12802329	0.472156	0.675939	-1.47942	0.00029758	0.0427099	-23.4138	0.0658595	0.331118	-3.02007	0.088012	0.36485	-2.74085	5.90043	26.8021	4.03768	1
cg19223541	0.0125565	0.399233	-2.5048	0.0850972	0.569439	-1.75611	0.122122	0.609219	-1.64145	0.909197	1.03432	1.03432	6.33529	8.77775	1.23158	1
cg04099420	0.321782	0.754539	-1.32531	0.00726756	0.385677	-2.59285	0.0194323	2.17598	2.17598	0.00642154	0.376998	-2.65254	9.7263	11.663	1.06588	1
cg13279192	0.0465806	1.42744	1.42744	0.286291	0.841209	-1.18876	0.169789	0.795842	-1.25653	0.166787	0.794389	-1.25883	9.2872	3.58661	0.343279	1
cg05902483	0.0158701	0.670889	-1.49056	0.00947462	0.64135	-1.55921	0.11209	0.791552	-1.26334	0.017318	0.675947	-1.47941	8.63228	2.49584	0.257003	1
cg24303123	0.845756	1.04784	1.04784	0.0243718	0.515939	-1.93821	0.0221194	1.96894	1.96894	0.0153991	0.478523	-2.08976	8.70317	7.76414	0.693859	1
cg06367140	0.11715	0.884722	-1.1303	0.00530584	1.30265	1.30265	0.0143789	0.804825	-1.24251	0.0255277	0.826156	-1.21043	6.95296	0.57026	0.0729038	1
cg24886867	0.373727	0.687917	-1.45366	0.0135126	0.285791	-3.49907	0.233917	1.66737	1.66737	0.0165802	0.301532	-3.3164	3.62224	9.6291	2.36295	1
cg02772312	0.0332447	0.3904	-2.56148	0.334966	0.686748	-1.45614	0.589135	1.22885	1.22885	0.0227603	0.356938	-2.8016	3.5676	8.07061	2.01084	1
cg13420934	0.0126287	1.69549	1.69549	0.0632862	1.4271	1.4271	0.352667	0.84972	-1.17686	0.0571861	0.693244	-1.44249	3.48784	1.60158	0.408169	1
cg15723028	0.648135	0.864113	-1.15726	0.135904	0.600002	-1.66666	0.0857317	1.82886	1.82886	0.0046846	0.302719	-3.30339	5.50821	8.81482	1.42249	1
cg00564714	0.309568	1.50109	1.50109	0.184704	0.580751	-1.72191	0.420435	1.37431	1.37431	0.0141783	0.310676	-3.21879	4.49692	10.6272	2.10064	1
cg13796295	0.647557	0.925005	-1.08108	1.69E-06	0.131024	-7.63221	0.00719813	0.555704	-1.79952	0.0565414	0.693774	-1.44139	20.6366	9.37517	0.403821	1
cg23621631	0.00258423	0.443714	-2.2537	9.59E-05	0.259047	-3.8603	0.677788	1.08469	1.08469	0.00259052	2.25294	2.25294	16.7775	10.0586	0.532918	1
cg01714342	0.0133905	0.368982	-2.71016	2.34E-05	0.0638555	-15.6604	0.191369	0.637463	-1.56872	0.242078	0.671306	-1.48963	16.2147	27.2085	1.49157	1
cg27175788	0.277998	0.613707	-1.62944	0.000381171	0.0858177	-11.6526	0.00928187	0.239636	-4.17299	0.0992088	0.457391	-2.18631	9.29378	27.5711	2.637	1
cg13583230	0.899812	0.953589	-1.04867	0.00189525	0.189985	-5.26357	0.0233279	0.359657	-2.78043	0.60898	1.21489	1.21489	5.11642	11.5352	2.00404	1
cg27599271	0.912053	1.06148	1.06148	0.00955119	0.169905	-5.88566	0.110589	0.39104	-2.55728	0.280809	0.545862	-1.83197	3.44351	15.9056	4.10578	1
cg02797195	0.424598	0.769377	-1.29975	0.00162118	0.233988	-4.27373	0.0311796	0.44352	-2.25469	0.313219	0.715076	-1.39845	6.38727	10.4569	1.45524	1
cg01303480	0.346676	0.80599	-1.24071	0.000315005	3.66722	3.66722	0.261879	0.770748	-1.29744	0.374096	0.816227	-1.22515	6.3079	4.94894	0.697389	1
cg21111451	0.40067	0.858237	-1.16518	0.00225093	2.13805	2.13805	0.912581	0.980674	-1.01971	0.472514	0.878226	-1.13866	5.91745	2.95965	0.444583	1
cg05616999	0.0194956	2.99005	2.99005	0.62533	0.826211	-1.21034	0.575874	0.803124	-1.24514	0.0190792	3.00594	3.00594	5.71232	13.614	2.11846	1
cg12012871	0.00575934	1.72384	1.72384	0.000583952	2.22564	2.22564	0.0232033	1.50438	1.50438	0.0437713	1.41734	1.41734	5.57039	1.99796	0.318821	1
cg24684357	0.0581607	0.702845	-1.42279	0.00142042	0.467504	-2.13902	0.0510379	1.44193	1.44193	0.0825414	0.728565	-1.37256	5.26161	2.26009	0.381816	1
cg11044273	0.0450503	0.695179	-1.43848	0.0331246	0.674479	-1.48263	0.000738508	0.444689	-2.24876	0.455717	0.886825	-1.12762	5.2337	2.07177	0.351869	1
cg08811332	0.623551	0.87596	-1.1416	0.0162313	0.455201	-2.19683	0.0210333	0.475669	-2.1023	0.0752231	0.588417	-1.69948	5.06302	5.74674	1.00893	1
cg25033972	0.0758134	0.580731	-1.72197	0.0295195	0.494185	-2.02353	0.0560105	1.81358	1.81358	0.31615	0.751997	-1.32979	4.98557	5.9723	1.06482	1
cg01618781	0.00857599	3.24067	3.24067	0.00670896	0.291433	-3.43132	0.353803	1.3973	1.3973	0.428569	1.32764	1.32764	4.58142	8.92275	1.73119	1
cg17879722	0.218081	1.83451	1.83451	0.138893	0.47423	-2.10868	0.626774	0.794925	-1.25798	0.00777009	4.95731	4.95731	4.09431	14.2234	3.08794	1
cg12091376	0.70769	0.944559	-1.0587	0.0132285	0.628137	-1.59201	0.777064	0.957925	-1.04392	0.0955748	0.757874	-1.31948	4.07275	1.47901	0.322798	1
cg05515488	0.334761	0.683074	-1.46397	0.0170771	0.328232	-3.04663	0.73156	1.14104	1.14104	0.345007	0.688895	-1.4516	3.95814	9.20323	2.06679	1
cg05306310	0.102493	4.76902	4.76902	0.0592688	6.43467	6.43467	0.00917651	18.0376	18.0376	0.0224202	10.9288	10.9288	3.47261	42.038	10.7605	1
cg05942449	0.0276552	1.32063	1.32063	0.0627575	0.799591	-1.25064	0.00353527	0.65549	-1.52558	0.103892	0.827009	-1.20918	8.40911	1.51951	0.160621	1
cg23215729	0.4944	0.909094	-1.1	7.52E-05	0.372742	-2.68282	0.378219	0.883224	-1.13222	0.227516	1.19005	1.19005	7.31385	2.18519	0.265577	1
cg03818920	0.0338602	1.34106	1.34106	0.00204247	0.597538	-1.67353	0.37344	0.897418	-1.11431	0.120314	1.22093	1.22093	5.37521	1.19462	0.197553	1
cg19736503	0.431077	1.12234	1.12234	0.00020999	0.410516	-2.43596	0.98541	1.00263	1.00263	0.933504	1.01206	1.01206	5.06826	1.65564	0.290372	1
cg15757437	0.0592089	0.592209	-1.68859	0.110571	0.652036	-1.53366	0.695033	1.10175	1.10175	0.226223	0.731589	-1.36689	4.95184	4.74426	0.851626	1
cg09035101	0.175479	0.666187	-1.50108	0.0186895	0.447719	-2.23355	0.00528388	0.354629	-2.81985	0.0185623	0.447173	-2.23627	5.11815	6.44338	1.11905	1
cg16763239	0.0146671	0.603232	-1.65774	0.571183	1.10106	1.10106	0.456358	1.13612	1.13612	0.0454862	0.67985	-1.47091	15.9756	7.16058	0.398418	1
cg03197762	0.268432	0.8885	-1.12549	0.0196529	1.33517	1.33517	0.00034905	1.80336	1.80336	0.00397925	1.4875	1.4875	7.1674	1.19404	0.148083	1
cg10550869	0.0614935	0.673953	-1.48378	0.0112369	1.81299	1.81299	0.939922	1.01422	1.01422	0.270695	1.23964	1.23964	4.75917	2.64483	0.493984	1
cg04896013	0.806001	0.950496	-1.05208	0.00129902	2.6291	2.6291	0.828617	0.956253	-1.04575	0.601253	0.896909	-1.11494	4.01429	2.7069	0.599392	1
cg20828955	0.86262	0.952012	-1.05041	7.63E-05	0.130535	-7.66076	0.526152	0.833287	-1.20007	0.000642684	0.225984	-4.42509	20.7382	26.4797	1.13498	1
cg18348226	0.815053	1.03142	1.03142	0.00019501	0.437134	-2.28763	0.348813	0.880417	-1.13583	0.373577	1.12818	1.12818	18.4863	5.10487	0.245461	1
cg03828076	0.0445382	0.662458	-1.50953	6.56E-05	0.270501	-3.69685	0.202308	0.786392	-1.27163	0.00642106	0.531066	-1.88301	9.98651	5.0399	0.448597	1
cg01101221	0.25894	1.3416	1.3416	0.704833	1.09961	1.09961	0.0600851	1.69753	1.69753	0.0434647	1.78488	1.78488	5.53628	4.85185	0.876373	1
cg18646240	0.118604	0.394027	-2.53789	0.0013158	0.0765397	-13.0651	0.04583	3.5198	3.5198	0.158349	2.29102	2.29102	4.66699	22.3372	4.25441	1
cg16518825	0.955419	1.0073	1.0073	0.0263148	1.40916	1.40916	0.215014	0.843742	-1.1852	0.738879	0.957384	-1.04451	4.11293	1.10393	0.238583	1
cg16989837	0.879741	1.05703	1.05703	0.633379	1.19247	1.19247	0.0023354	4.74279	4.74279	0.193354	1.65567	1.65567	4.11015	8.73507	1.8891	1
cg01771444	0.0644871	0.546188	-1.83087	0.476735	0.81003	-1.23452	0.648661	1.14291	1.14291	0.0887021	1.72771	1.72771	4.03066	5.41287	1.19371	1
cg20929609	0.203454	0.467458	-2.13923	0.00524314	0.124186	-8.05245	0.8677	0.909877	-1.09905	0.748824	0.833614	-1.1996	3.44806	17.525	4.51785	1
cg00321065	0.0195504	0.715634	-1.39736	0.615148	0.941664	-1.06195	0.00618696	1.52706	1.52706	0.902084	0.985512	-1.0147	9.41012	2.09544	0.197938	1
cg00510327	0.0875853	1.71382	1.71382	5.73E-05	0.118482	-8.44012	0.4885	0.817881	-1.22267	0.989726	0.996328	-1.00369	13.9613	18.046	1.14896	1
cg18769420	0.0437272	0.52352	-1.91015	0.519169	0.833244	-1.20013	0.323164	0.752107	-1.3296	0.131144	0.634443	-1.57618	4.1485	5.12032	1.09712	1
cg00055233	0.066987	0.608032	-1.64465	0.00024957	0.231201	-4.32524	0.0151953	2.05968	2.05968	0.0681865	1.64025	1.64025	8.98517	8.35525	0.826572	1
cg20789691	0.202799	1.24955	1.24955	0.0192097	1.59902	1.59902	0.0227111	0.636427	-1.57127	0.587413	1.09502	1.09502	6.09226	2.64907	0.386512	1
cg02875297	0.000664999	0.424839	-2.35384	7.68E-06	0.199091	-5.02282	0.0421321	0.680669	-1.46914	0.239363	0.816742	-1.22438	27.8455	11.9043	0.38001	1
cg03679581	0.260555	0.757645	-1.31988	0.000634981	0.289041	-3.45972	0.0112751	2.11848	2.11848	0.118712	1.49265	1.49265	8.1454	7.21625	0.787493	1
cg03931808	0.0210425	1.40361	1.40361	0.0021289	1.69444	1.69444	0.357313	0.890785	-1.12261	0.428241	0.905919	-1.10385	39.707	9.38569	0.21011	1
cg27580806	0.00205459	0.478148	-2.0914	2.34E-05	0.238028	-4.20119	0.000363482	0.378739	-2.64034	0.000297241	0.367663	-2.71988	26.2473	12.0004	0.406404	1
cg18256471	0.01398	0.359443	-2.78208	0.000219242	0.125354	-7.97739	0.0092964	0.328773	-3.04161	0.006267	0.301008	-3.32217	12.0239	21.6395	1.59974	1
cg00722300	0.115117	0.457052	-2.18793	0.0045113	0.177306	-5.63995	0.00131906	0.118163	-8.46292	0.0293943	0.30959	-3.23008	6.7284	22.2578	2.94049	1
cg02281038	0.0594385	0.407915	-2.45149	0.00733746	0.233026	-4.29137	0.0664003	0.419934	-2.38133	0.0116314	0.264689	-3.77802	5.15914	14.5131	2.50052	1
cg11431585	0.275537	0.712304	-1.40389	0.1039	0.58755	-1.70198	0.00845834	0.36587	-2.73321	0.00976838	0.376364	-2.657	3.95849	5.60743	1.25916	1
cg04529388	0.442982	1.24826	1.24826	5.91E-05	0.121551	-8.22697	0.0295697	0.483711	-2.06735	0.0394425	0.508954	-1.96481	10.534	13.4087	1.13147	1
cg24536529	0.000544916	0.462357	-2.16283	0.0129396	0.642166	-1.55723	0.13528	0.793632	-1.26003	0.0396895	0.710725	-1.40701	9.92216	3.23894	0.290165	1
cg03992830	0.0231136	0.655419	-1.52574	0.0406357	1.44438	1.44438	0.000123988	0.353142	-2.83173	0.00285725	0.528112	-1.89354	9.40438	3.60354	0.340602	1
cg01978105	0.568883	1.11535	1.11535	0.117597	0.724528	-1.38021	4.30E-05	4.36311	4.36311	0.130487	0.733717	-1.36292	9.19762	5.23626	0.506049	1
cg00846114	0.627246	1.48305	1.48305	0.00118012	0.0216694	-46.148	0.0185237	9.97363	9.97363	0.501511	0.577309	-1.73217	5.71886	58.7431	9.13051	1
cg05896368	0.489976	1.15847	1.15847	0.200508	0.753041	-1.32795	0.216668	0.761325	-1.3135	0.450127	1.17518	1.17518	5.51315	3.8421	0.619464	1
cg09316954	0.275073	1.50593	1.50593	0.711898	0.874817	-1.1431	0.503073	1.27766	1.27766	0.0339695	2.44111	2.44111	5.34353	11.001	1.83001	1
cg09583024	0.0130896	0.270124	-3.70201	0.00404617	0.19365	-5.16395	0.0684492	0.419995	-2.38098	0.0855911	0.445691	-2.24371	5.1071	14.6296	2.54628	1
cg23195510	0.908755	1.05261	1.05261	0.0172742	0.273345	-3.65839	0.0552989	2.64212	2.64212	0.0584624	0.38438	-2.60159	4.88367	15.4695	2.81564	1
cg08314208	0.467691	1.442	1.442	0.0817876	0.384689	-2.5995	0.156641	2.11796	2.11796	0.208782	0.518763	-1.92766	4.71627	18.3262	3.454	1
cg05764001	0.836091	0.888865	-1.12503	0.0453446	0.271039	-3.68951	0.0384135	0.255611	-3.91219	0.0709463	0.317504	-3.14957	4.48467	22.9682	4.55243	1
cg03546673	0.0367422	0.492004	-2.03251	0.437325	0.793263	-1.26062	0.0419695	1.98397	1.98397	0.0985996	0.588938	-1.69797	4.33298	5.86346	1.20286	1
cg19582491	0.00497125	0.24472	-4.0863	0.0188408	0.340613	-2.93589	0.0138765	0.316379	-3.16076	0.435506	0.739952	-1.35144	4.01864	9.12028	2.01733	1
cg15833579	0.389221	1.29937	1.29937	0.0422163	0.499309	-2.00277	0.0696786	0.547657	-1.82596	0.932042	1.02564	1.02564	3.72435	5.19566	1.24005	1
cg01690573	0.669382	0.88458	-1.13048	0.237469	0.702329	-1.42383	0.263901	0.717119	-1.39447	0.0115036	0.405534	-2.46588	3.67372	4.7433	1.14768	1
cg08456130	0.003059	0.54694	-1.82835	0.89582	1.01968	1.01968	0.396811	1.13778	1.13778	0.876838	1.02334	1.02334	4.49982	1.57722	0.311561	1
cg06494167	0.0493233	0.631521	-1.58348	0.508158	1.14743	1.14743	0.00698423	0.489292	-2.04377	0.894049	0.973071	-1.02767	21.1234	14.0411	0.590862	1
cg15920202	0.702513	0.940369	-1.06341	0.474915	0.890102	-1.12347	0.392452	1.1507	1.1507	0.771707	0.954457	-1.04772	12.2937	4.99823	0.361393	1
cg23944232	0.0521702	0.787309	-1.27015	0.000216947	0.51273	-1.95035	0.013704	1.391	1.391	0.0382242	1.297	1.297	9.5317	1.76963	0.165029	1
cg10665490	0.0705281	0.449256	-2.2259	0.00043444	0.110569	-9.04411	0.508402	0.766743	-1.30422	0.0330697	0.372855	-2.68201	5.90257	14.6515	2.20642	1
cg00112367	0.629036	1.08246	1.08246	3.88E-06	0.173564	-5.76158	0.2958	0.838222	-1.193	0.00261805	0.507472	-1.97055	25.9506	10.8903	0.373025	1
cg16257040	0.720414	0.950961	-1.05157	0.0293722	0.698369	-1.43191	0.0777762	0.760149	-1.31553	0.102573	1.28392	1.28392	12.7749	3.96048	0.275573	1
cg12145394	0.623864	1.23133	1.23133	0.00852862	4.3418	4.3418	0.00244093	6.50551	6.50551	0.249764	1.66404	1.66404	6.39862	17.5437	2.13251	1
cg25553916	0.270555	0.692714	-1.4436	0.0209502	0.411033	-2.4329	0.635009	0.858095	-1.16537	0.112119	0.57485	-1.73958	3.78869	6.14594	1.44194	1
cg01426921	0.15981	0.834262	-1.19866	0.540444	0.927962	-1.07763	0.0502152	0.763896	-1.30908	0.132983	0.822376	-1.21599	4.8043	1.10746	0.204902	1
cg02716635	0.00212029	0.517662	-1.93176	0.00014353	0.368335	-2.71492	0.00091147	0.469606	-2.12945	0.143476	1.27077	1.27077	19.177	7.0568	0.327095	1
cg04303901	0.00673161	0.615092	-1.62577	0.697414	1.05553	1.05553	0.292131	1.1632	1.1632	0.0878959	0.770656	-1.2976	15.0565	4.56178	0.269313	1
cg03782861	0.205688	0.703626	-1.42121	3.04E-05	0.116856	-8.55755	0.00253315	0.331741	-3.0144	0.213746	0.708436	-1.41156	11.8178	12.9751	0.975939	1
cg23390920	0.779003	0.89628	-1.11572	0.00249702	0.194908	-5.13062	0.0025905	0.196923	-5.07813	0.084789	0.476196	-2.09997	8.50202	20.4008	2.13291	1
cg21761356	0.00239463	0.526648	-1.8988	0.0546825	0.718719	-1.39136	0.405854	1.13754	1.13754	0.367666	0.869156	-1.15054	6.78569	2.4681	0.323307	1
cg27315341	0.0118638	0.17868	-5.59659	0.00445544	0.124937	-8.00402	0.864022	0.910303	-1.09854	0.0202379	0.215437	-4.64174	5.11624	24.3575	4.23183	1
cg27533635	0.447588	0.824934	-1.21222	0.965699	1.01075	1.01075	0.00190091	2.986	2.986	0.000333955	0.237163	-4.21652	11.7606	11.5151	0.870331	1
cg00030523	0.166981	0.826553	-1.20984	0.00501865	1.616	1.616	0.640478	1.0627	1.0627	0.154976	0.821362	-1.21749	9.44166	2.49979	0.235344	1
cg19702383	0.431973	0.831202	-1.20308	0.00040679	0.273856	-3.65156	0.977662	1.00648	1.00648	0.336695	0.795846	-1.25653	6.86753	5.78027	0.74816	1
cg04663692	0.965011	0.989827	-1.01028	0.00955529	0.465337	-2.14898	0.732705	1.08319	1.08319	0.854365	1.04376	1.04376	5.84114	5.02636	0.764898	1
cg17967602	0.735423	0.856923	-1.16697	0.0405551	0.340715	-2.93501	0.00101686	9.19385	9.19385	0.242901	1.74426	1.74426	5.79875	19.0341	2.91774	1
cg01826623	0.455636	1.10358	1.10358	0.00255306	1.72091	1.72091	1.08E-06	0.191863	-5.21206	0.707879	0.952348	-1.05004	25.2169	6.71946	0.236859	1
cg00478884	0.582275	0.768843	-1.30066	0.000409889	0.0702762	-14.2296	0.000694471	0.0863941	-11.5749	0.0165158	0.250118	-3.99812	9.46548	33.5644	3.15198	1
cg14516213	0.560214	0.907151	-1.10235	0.596307	1.09247	1.09247	0.097696	0.740376	-1.35067	0.00052234	0.408729	-2.44661	5.30707	2.30031	0.385283	1
cg23260578	0.00531013	0.190622	-5.24598	0.604798	0.79014	-1.2656	0.00793349	0.215245	-4.64586	0.0470713	0.358681	-2.788	5.11138	16.479	2.86576	1
cg03795378	0.731997	1.27371	1.27371	0.0051738	0.0744368	-13.4342	0.0200016	0.138668	-7.21145	0.162321	0.349975	-2.85735	4.09059	32.087	6.97253	1
cg04136490	0.0430537	0.677347	-1.47635	0.131467	1.31324	1.31324	1.83E-07	0.0686877	-14.5586	0.00038946	0.388142	-2.57638	57.8252	25.6474	0.394251	1
cg01853665	0.149628	0.679845	-1.47092	0.000522617	0.259025	-3.86063	0.000370677	0.240943	-4.15037	0.0082148	0.429719	-2.3271	13.7917	13.629	0.878406	1
cg15505294	0.010652	0.355951	-2.80938	0.00018008	0.130077	-7.68774	0.000222701	0.138458	-7.2224	0.00158394	0.232489	-4.30127	12.0158	19.6942	1.45691	1
cg01620379	0.777817	0.935285	-1.06919	0.677972	1.1038	1.1038	0.00135792	0.332875	-3.00413	0.0305347	0.548186	-1.8242	7.49083	6.63599	0.787449	1
cg06760771	0.122091	0.662118	-1.5103	0.129679	1.49604	1.49604	0.00257017	0.357509	-2.79713	0.0142126	0.475088	-2.10487	7.15551	6.8612	0.852329	1
cg14149503	0.118132	0.68345	-1.46316	0.284885	0.779442	-1.28297	0.000476841	0.292235	-3.42191	0.00356842	0.41249	-2.4243	11.891	9.47626	0.708381	1
cg04957177	0.262228	0.713494	-1.40155	0.0547661	0.53307	-1.87593	7.18E-05	0.123867	-8.07317	0.0136617	0.414452	-2.41282	11.6234	15.3513	1.17398	1
cg02647684	0.114477	0.376424	-2.65658	0.00136208	0.0709538	-14.0937	0.00697626	0.137218	-7.28766	0.00709549	0.138104	-7.24092	8.33438	42.756	4.56006	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16072661	RNASE12;RNASE11;RNASE12	3.13E-05	0.0428124	0.553935	-1.80527	8.09E-06	0.0844436	-11.8422	0.00252907	0.345731	-2.89242	0.000152653	0.192931	-5.18319	0.000201948	0.206029	-4.85368
cg07300408	RNASE12;RNASE11;RNASE12;RNASE11	0.0051268	0.0732451	0.554573	-1.80319	0.00121933	0.247371	-4.04252	0.00865283	0.372387	-2.68538	0.00119641	0.246312	-4.0599	0.0180724	0.428494	-2.33376
cg19937577	RNASE12;RNASE12;RNASE11	0.00234495	0.219899	1.3089	1.3089	0.000323091	0.297091	-3.36598	0.00110837	0.366783	-2.72641	0.579292	1.12397	1.12397	0.00728304	0.485652	-2.05909
cg27417606	RNASE13	0.0113052	0.0371801	0.451664	-2.21404	0.13106	0.585285	-1.70857	0.0360806	0.448901	-2.22766	0.00222386	0.244671	-4.08712	0.00165714	0.227876	-4.38835
cg21520055	RNASE13	0.0123054	0.326095	0.778756	-1.2841	0.000987481	0.298944	-3.34511	0.0152888	0.479763	-2.08436	0.0554963	0.58552	-1.70788	0.249337	0.743089	-1.34573
cg27142656	RNASE13	0.0123675	0.894108	0.957433	-1.04446	0.0475517	2.09643	2.09643	0.0129612	2.73831	2.73831	0.53411	1.22836	1.22836	0.00203154	0.241434	-4.14191
cg21908129	RNASE1;RNASE1;RNASE1	1.63E-06	0.0179382	1.57153	1.57153	0.100186	1.32722	1.32722	0.000497412	0.424692	-2.35465	0.142295	0.780429	-1.28135	0.0210378	0.646486	-1.54682
cg26021714	RNASE2	0.000933246	0.334865	0.832553	-1.20112	0.202631	1.28127	1.28127	0.000453556	0.361216	-2.76842	0.399971	0.853199	-1.17206	0.000334413	0.344309	-2.90436
cg02881005	RNASE2	0.00605483	0.915444	0.969046	-1.03194	0.000425913	0.191708	-5.21628	0.00280691	0.295536	-3.38368	0.195789	0.666956	-1.49935	0.0166119	0.42063	-2.37739
cg24851490	RNASE2	0.0187773	0.0211511	0.343275	-2.91311	0.0151672	0.316432	-3.16024	0.0912038	0.48794	-2.04943	0.00270167	0.202171	-4.94631	0.0182002	0.33092	-3.02188
cg18294707	RNASE2	0.0219486	0.0144041	0.180744	-5.53268	0.00570415	0.12796	-7.81492	0.415382	0.623653	-1.60345	0.0749566	0.324717	-3.0796	0.00709025	0.139013	-7.19357
cg23327851	RNASE2;RNASE2	0.0169963	0.633201	0.928721	-1.07675	0.123058	0.773406	-1.29298	0.989736	1.00198	1.00198	0.000822767	0.460648	-2.17085	0.965953	0.993457	-1.00659
cg09842118	RNASE3	9.84E-05	0.0211683	0.460109	-2.1734	3.77E-05	0.109002	-9.17413	0.00308598	0.321622	-3.10924	0.273135	0.726547	-1.37637	2.76E-05	0.0988321	-10.1182
cg07525077	RNASE3	0.000165575	0.000107804	0.194819	-5.13297	0.0232928	0.522272	-1.91471	0.000807859	0.297936	-3.35643	0.000478566	0.268967	-3.71793	0.00224881	0.358932	-2.78605
cg04556766	RNASE3	0.000208199	0.0230838	0.419346	-2.38467	5.04E-05	0.0879608	-11.3687	0.00298519	0.271726	-3.68018	0.350705	0.735476	-1.35966	0.000168999	0.129142	-7.74341
cg24728005	RNASE3	0.000879023	0.425741	0.79631	-1.25579	0.28243	0.731409	-1.36722	0.00606217	0.366541	-2.72821	0.00103928	0.256682	-3.89587	0.00567797	0.362031	-2.76219
cg21099111	RNASE3	0.0086605	0.258031	0.543436	-1.84014	0.0136435	0.206704	-4.83783	0.239407	0.529098	-1.89001	0.0402141	0.293825	-3.40339	0.0135389	0.206177	-4.8502
cg03519263	RNASE4;ANG	0.0156313	0.60309	0.933543	-1.07119	0.528902	0.919773	-1.08723	0.0130688	1.49719	1.49719	0.337664	0.878467	-1.13835	0.154786	0.819031	-1.22095
cg10850001	RNASE4;ANG;ANG	0.008065	0.262606	1.20972	1.20972	0.779761	1.04675	1.04675	8.28E-05	3.17564	3.17564	0.49076	1.12085	1.12085	0.969192	1.00631	1.00631
cg01019876	RNASE4;ANG;ANG;RNASE4	0.000126645	0.0622814	0.825164	-1.21188	0.0437785	0.808783	-1.23643	0.00124698	0.649313	-1.54009	0.00323611	0.692264	-1.44454	0.128898	1.16215	1.16215
cg04783966	RNASE4;ANG;ANG;RNASE4	0.00119372	0.035834	0.631484	-1.58357	?	?	?	0.000231817	0.0691545	-14.4604	?	?	?	0.000825099	0.174924	-5.71675
cg22862526	RNASE4;ANG;ANG;RNASE4	0.0152056	0.00854914	0.586872	-1.70395	0.738751	0.94822	-1.05461	0.0901423	0.743278	-1.34539	0.0664659	1.38672	1.38672	0.419616	0.877223	-1.13996
cg06908401	RNASE4;RNASE4	0.000150708	0.11883	0.727699	-1.37419	0.00753297	0.524322	-1.90723	0.000236782	0.318663	-3.13811	0.535878	0.888958	-1.12491	9.24E-06	0.16544	-6.0445
cg09803574	RNASE4;RNASE4	0.0076586	0.869137	0.978172	-1.02232	0.00292139	0.578526	-1.72853	0.309514	1.15115	1.15115	0.61942	1.06931	1.06931	0.405206	1.12074	1.12074
cg06720660	RNASE6	8.62E-05	0.431754	0.840669	-1.18953	0.262151	0.776543	-1.28776	0.0015468	0.373521	-2.67723	0.00846648	0.48332	-2.06902	0.0536898	0.622579	-1.60622
cg10934032	RNASE6;RNASE6	0.0117355	0.005304	0.226366	-4.41763	0.109727	2.02378	2.02378	0.875553	0.938601	-1.06542	0.0981224	0.480206	-2.08244	0.0242753	0.337662	-2.96155
cg13017318	RNASE7	8.91E-05	0.0737063	1.34987	1.34987	0.00728535	1.68336	1.68336	0.464675	1.11849	1.11849	0.0705055	1.3555	1.3555	6.24E-06	0.218803	-4.57031
cg11137709	RNASE7	0.000831588	0.225587	1.27692	1.27692	0.0643891	1.49052	1.49052	0.857342	1.03517	1.03517	0.21403	0.777792	-1.28569	2.17E-05	0.193957	-5.15579
cg18986078	RNASE7	0.00205806	0.653336	1.0719	1.0719	0.00219044	1.93438	1.93438	0.0719109	1.36147	1.36147	0.562592	0.914015	-1.09407	0.000698219	0.451947	-2.21265
cg01726792	RNASE7	0.00505273	0.00166271	0.375891	-2.66034	0.135132	0.704473	-1.4195	0.0207633	0.545839	-1.83204	0.373845	0.819928	-1.21962	0.00172336	0.378076	-2.64497
cg16529034	RNASE8	0.0196966	0.0682828	0.635417	-1.57377	0.0267235	1.79168	1.79168	0.604965	1.12291	1.12291	0.408452	0.828764	-1.20662	0.00257434	0.395193	-2.53041
cg16627949	RNASE8	0.0326204	0.689022	0.929352	-1.07602	0.0442199	0.656404	-1.52345	0.0130049	0.570463	-1.75296	0.016516	0.586587	-1.70478	0.65177	1.08627	1.08627
cg10976009	RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9	2.74E-05	0.00278814	1.7072	1.7072	0.333096	1.13831	1.13831	0.000130576	0.422375	-2.36757	0.416239	0.897797	-1.11384	0.999898	1.00002	1.00002
cg24162270	RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9	0.00143465	0.519033	0.845044	-1.18337	0.756127	0.922897	-1.08354	0.0069927	0.407209	-2.45574	0.0249336	0.50293	-1.98835	0.0228369	0.495833	-2.01681
cg16701266	RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9	0.00151028	0.228698	0.702411	-1.42367	0.135877	0.638027	-1.56733	0.00210737	0.298473	-3.35038	0.000549991	0.223062	-4.48305	0.00596059	0.365926	-2.73279
cg20512247	RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9	0.0124626	0.109102	0.603037	-1.65827	0.0175165	0.433023	-2.30935	0.00196475	0.281804	-3.54857	0.00243239	0.294769	-3.39249	0.0881233	0.579983	-1.72419
cg05478628	RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9	0.0230805	0.504371	0.730361	-1.36919	0.877216	1.07434	1.07434	0.0508664	0.356411	-2.80575	0.506834	1.36663	1.36663	0.634209	1.24897	1.24897
cg18848446	RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9	0.025491	0.00695363	0.104726	-9.54871	0.151042	0.369988	-2.70279	0.0679648	0.266889	-3.74688	0.0376898	0.210628	-4.74771	0.00509075	0.0914168	-10.9389
cg01048203	RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9;RNASE9	0.031662	0.285649	0.795975	-1.25632	0.0112255	0.520106	-1.92269	0.00280931	0.428656	-2.33287	0.215177	0.764553	-1.30795	0.0198437	0.560628	-1.78371
cg03117412	RNASEH1	0.000255305	0.000436197	0.235825	-4.24043	0.0445195	0.549046	-1.82134	0.00895026	0.421456	-2.37273	0.100492	1.59613	1.59613	0.000882668	0.273832	-3.65188
cg15806038	RNASEH1	0.000816673	0.00116308	0.156154	-6.40393	0.313136	1.50111	1.50111	0.247228	0.62434	-1.60169	0.977958	1.01081	1.01081	0.000286456	0.0997032	-10.0298
cg16363985	RNASEH1	0.00970407	0.00583898	0.255223	-3.91814	0.3515	0.695733	-1.43733	0.823904	0.919131	-1.08798	0.406431	0.725175	-1.37898	0.00613082	0.258419	-3.86969
cg15857610	RNASEH1	0.0179263	0.954038	1.02786	1.02786	0.0162945	0.246553	-4.05592	0.568101	0.759547	-1.31657	0.397528	1.51125	1.51125	0.596855	0.775346	-1.28975
cg09859293	RNASEH1;RNASEH1	0.000506125	0.384253	0.920359	-1.08653	0.00100549	0.634989	-1.57483	0.0059355	0.715532	-1.39756	0.396241	0.922362	-1.08417	0.00429918	0.701035	-1.42646
cg19224203	RNASEH2A	0.00224824	0.65141	0.943195	-1.06023	3.25E-05	2.8256	2.8256	0.101183	1.2596	1.2596	0.027575	1.39797	1.39797	0.989919	0.998377	-1.00163
cg09552761	RNASEH2A	0.0289196	0.27142	1.34898	1.34898	0.294856	0.752731	-1.3285	0.000596362	3.99678	3.99678	0.112723	1.57053	1.57053	0.465647	1.21425	1.21425
cg02636798	RNASEH2A;RNASEH2A	0.000251056	0.121599	0.483233	-2.0694	0.156064	1.93012	1.93012	0.192192	1.81883	1.81883	0.141363	0.503901	-1.98452	0.540833	1.30772	1.30772
cg01449715	RNASEH2B;RNASEH2B	0.00148254	0.0981533	0.654386	-1.52815	0.00105931	3.10097	3.10097	0.0409542	1.73573	1.73573	0.156599	0.701735	-1.42504	0.000323819	0.256886	-3.89278
cg19349999	RNASEH2B;RNASEH2B	0.00276267	0.0102386	0.472783	-2.11513	0.00516781	0.425496	-2.3502	0.00451341	0.416469	-2.40114	0.541978	0.866866	-1.15358	0.000252539	0.247504	-4.04035
cg01060358	RNASEH2B;RNASEH2B	0.00479463	0.00208043	1.33461	1.33461	0.104769	1.12534	1.12534	0.27439	1.07869	1.07869	0.238817	1.08564	1.08564	0.00408134	0.773589	-1.29268
cg10632429	RNASEH2B;RNASEH2B	0.0220785	0.00166771	45.4161	45.4161	0.675959	1.42865	1.42865	0.285726	2.56225	2.56225	0.481505	1.83518	1.83518	0.980893	0.979883	-1.02053
cg24872885	RNASEH2C	0.00113931	0.118059	1.26965	1.26965	0.000145875	0.398678	-2.50829	0.00290056	0.56219	-1.77876	0.621909	0.932462	-1.07243	0.00114806	0.510519	-1.95879
cg25294185	RNASEH2C	0.0272939	0.176861	1.46656	1.46656	0.795554	1.07172	1.07172	0.182372	1.45866	1.45866	0.0185175	0.466796	-2.14226	0.00434133	0.361778	-2.76413
cg06190547	RNASEH2C;RNASEH2C	0.0211841	0.603362	0.760734	-1.31452	0.0155908	4.69806	4.69806	0.0401557	3.44561	3.44561	0.409548	1.55274	1.55274	0.451011	1.49281	1.49281
cg20495019	RNASEK	0.000109161	0.00681889	1.39466	1.39466	0.0307426	1.2723	1.2723	0.850908	1.01802	1.01802	0.566844	0.946541	-1.05648	0.00237577	1.49498	1.49498
cg10607640	RNASEK	0.00418943	0.78395	1.04008	1.04008	0.010771	1.58104	1.58104	0.194887	1.21659	1.21659	0.0191966	0.666904	-1.49947	0.181335	1.22494	1.22494
cg04300632	RNASEK	0.00755908	0.00584624	0.612326	-1.63312	0.500254	0.911187	-1.09747	0.051287	1.35211	1.35211	0.107411	0.787537	-1.26978	0.0330213	0.712582	-1.40335
cg05952666	RNASEK	0.020649	?	?	?	0.00156347	0.0821025	-12.1799	0.273928	1.87048	1.87048	0.636685	1.29914	1.29914	0.478096	0.672541	-1.4869
cg23956791	RNASEK	0.0488334	0.0892969	1.55377	1.55377	0.0462457	0.58444	-1.71104	0.0547951	1.66917	1.66917	0.573537	0.874794	-1.14313	0.526471	1.16295	1.16295
cg03433699	RNASEK;C17orf49;C17orf49;C17orf49	0.0207942	0.00438959	0.171555	-5.82905	0.0523042	0.359574	-2.78107	0.312123	0.61596	-1.62348	0.0521895	0.359347	-2.78282	0.00808668	0.207666	-4.81542
cg07672449	RNASEK;C17orf49;C17orf49;C17orf49	0.0265142	0.0454879	0.614641	-1.62697	0.0113557	0.510421	-1.95917	0.278802	0.787463	-1.2699	0.0751138	0.656696	-1.52278	0.0722583	0.653334	-1.53061
cg07098477	RNASEL	0.00158192	0.364797	1.27244	1.27244	0.0666648	1.70237	1.70237	0.831695	1.05661	1.05661	4.74E-05	0.137628	-7.26595	0.757868	1.08329	1.08329
cg26532905	RNASEL	0.00274667	0.00909078	0.294195	-3.39911	0.00852481	0.289375	-3.45572	0.0124218	0.318389	-3.14082	0.688173	1.15417	1.15417	0.000347353	0.109343	-9.14553
cg13606991	RNASEL	0.00712485	0.0199917	0.347876	-2.87459	0.00707957	0.270146	-3.7017	0.0104196	0.2973	-3.36361	0.232923	0.624746	-1.60065	0.00862694	0.283788	-3.52375
cg13372635	RNASEL	0.0130714	0.0795115	0.723295	-1.38256	0.585973	0.912526	-1.09586	0.00511649	0.5403	-1.85082	0.948329	0.989271	-1.01084	0.0252829	0.642307	-1.55689
cg12446763	RNASEL	0.0440458	0.0295886	0.148272	-6.74434	0.0432444	0.17681	-5.65579	0.0565633	0.2002	-4.995	0.111605	0.274919	-3.63743	0.0113312	0.0941532	-10.621
cg18610977	RNASEN;C5orf22;C5orf22;RNASEN	0.00172291	2.40E-05	0.0428161	-23.3557	0.864945	1.06575	1.06575	0.864865	1.06579	1.06579	0.755275	1.12407	1.12407	0.686709	1.16378	1.16378
cg21605845	RNASEN;C5orf22;C5orf22;RNASEN	0.0159012	0.219757	1.4639	1.4639	0.687813	0.887544	-1.1267	0.863678	1.05206	1.05206	0.377615	1.30652	1.30652	0.000422774	0.192129	-5.20482
cg00307266	RNASEN;C5orf22;RNASEN	0.00780439	0.035042	0.709391	-1.40966	0.955998	0.992316	-1.00774	0.397225	0.885865	-1.12884	0.0518537	0.733955	-1.36248	0.0740772	0.757081	-1.32086
cg06537718	RNASEN;RNASEN	2.44E-07	0.0467502	0.807408	-1.23853	0.0641021	0.822423	-1.21592	0.00412992	0.69672	-1.4353	0.307517	1.10434	1.10434	2.69E-08	0.146547	-6.82373
cg11670122	RNASEN;RNASEN	0.0012754	0.647	0.885929	-1.12876	0.000506017	0.23988	-4.16875	0.0665148	0.582441	-1.71691	0.0474775	0.55125	-1.81406	0.00239404	0.329047	-3.03908
cg15827285	RNASEN;RNASEN	0.00664577	0.00975546	0.183325	-5.4548	0.0531192	0.319612	-3.12879	0.0345224	0.278139	-3.59533	0.421018	0.652664	-1.53218	0.00241966	0.111645	-8.95697
ch.5.673290R	RNASEN;RNASEN	0.00829726	?	?	?	?	?	?	0.957477	1.03236	1.03236	0.00025166	0.027176	-36.7972	0.0731493	0.30312	-3.29903
cg04590036	RNASEN;RNASEN	0.0162568	0.0123416	0.204089	-4.89982	0.0107361	0.1949	-5.13084	0.0105619	0.193845	-5.15877	0.0677583	0.352147	-2.83973	0.00498256	0.15017	-6.65912
cg18733486	RNASEN;RNASEN;C5orf22;RNASEN;RNASEN	0.00565421	0.0620022	0.663681	-1.50675	0.424654	1.17241	1.17241	0.0346035	1.61713	1.61713	0.000213448	0.299237	-3.34183	0.071422	0.675183	-1.48108
cg25102343	RNASEN;RNASEN;C5orf22;RNASEN;RNASEN	0.0077421	0.341454	0.914105	-1.09397	0.00752251	1.37045	1.37045	0.00128183	1.53747	1.53747	0.0770241	0.835151	-1.19739	0.676603	1.03918	1.03918
cg26222042	RNASEN;RNASEN;C5orf22;RNASEN;RNASEN	0.0105381	0.241119	0.8771	-1.14012	0.228372	1.14466	1.14466	0.0875986	1.22325	1.22325	0.0426913	1.28318	1.28318	0.266366	1.13174	1.13174
cg16131300	RNASEN;RNASEN;C5orf22;RNASEN;RNASEN	0.0318854	0.0296655	0.764479	-1.30808	0.0166577	1.35894	1.35894	0.143973	1.17903	1.17903	0.623406	0.949401	-1.0533	0.112512	0.834216	-1.19873
cg18261144	RNASET2	0.000817422	0.054022	0.517685	-1.93168	0.992405	0.997139	-1.00287	0.369951	1.3194	1.3194	0.784073	0.920638	-1.0862	7.10E-05	0.11294	-8.85426
cg05460996	RNASET2	0.00168386	0.918346	1.03271	1.03271	0.025842	2.29472	2.29472	0.118862	1.70125	1.70125	2.80E-05	13.3002	13.3002	0.0958622	0.563202	-1.77556
cg12722569	RNASET2	0.00189797	0.31119	0.796108	-1.25611	0.376737	1.21823	1.21823	0.239701	1.30725	1.30725	2.32E-05	6.30639	6.30639	0.562599	1.13586	1.13586
cg26123920	RND1	0.00151716	0.00107352	0.448992	-2.22721	0.00306437	0.510635	-1.95835	0.00488427	0.538835	-1.85586	0.0542992	0.696303	-1.43616	0.00103657	2.23726	2.23726
cg12045531	RND1	0.00326432	?	?	?	0.789501	0.929563	-1.07577	0.730082	0.909764	-1.09919	?	?	?	0.00105282	0.243798	-4.10175
cg04640834	RND1	0.00700903	0.497878	0.878951	-1.13772	0.00021962	3.17318	3.17318	0.437595	1.16005	1.16005	0.115773	0.725762	-1.37786	0.741344	0.939784	-1.06407
cg24928378	RND1	0.017113	0.316303	1.14529	1.14529	0.00401768	0.602843	-1.65881	0.764739	1.04008	1.04008	0.146946	1.22607	1.22607	0.00332742	1.68765	1.68765
cg25504443	RND2	0.00804725	0.436784	0.900119	-1.11096	0.0368824	1.37926	1.37926	0.00301362	1.71505	1.71505	0.00322026	0.586713	-1.70441	0.78412	1.0371	1.0371
cg07591186	RND2	0.0122877	0.0368157	0.341826	-2.92546	0.970417	0.98372	-1.01655	0.162452	1.93495	1.93495	0.0157522	3.70503	3.70503	0.116942	0.470551	-2.12517
cg18068798	RND2	0.0318803	0.353947	0.832023	-1.20189	0.491087	1.14438	1.14438	0.108093	1.4022	1.4022	0.408156	0.849476	-1.1772	0.000971851	0.38811	-2.57659
cg20199347	RND3	0.000756153	0.347361	0.895959	-1.11612	0.000596131	0.547884	-1.8252	0.000284713	0.510206	-1.95999	0.578818	1.06574	1.06574	0.0598669	0.78579	-1.2726
cg26784822	RND3	0.00685881	0.00744289	0.166707	-5.99855	0.67735	1.24295	1.24295	0.0495886	0.31211	-3.204	0.0234589	0.24489	-4.08347	0.000877059	0.0747788	-13.3728
cg17862135	RND3	0.00731106	0.0640924	0.49992	-2.00032	0.00701135	3.19531	3.19531	0.0849246	1.88659	1.88659	0.108675	0.558219	-1.79141	0.00360727	0.269053	-3.71674
cg14184873	RND3	0.00881497	0.487378	1.11062	1.11062	0.000225727	2.48947	2.48947	0.322044	0.858893	-1.16429	0.675221	1.06466	1.06466	0.360905	1.14988	1.14988
cg12632313	RND3	0.0109373	0.0320005	0.472592	-2.11599	0.093392	0.576651	-1.73415	0.00864108	0.368341	-2.71488	0.339363	1.34147	1.34147	0.00493808	0.329338	-3.03639
cg11996143	RND3	0.0114704	0.947822	1.02541	1.02541	0.0079026	3.69317	3.69317	0.00614736	3.93842	3.93842	0.0555016	0.435075	-2.29845	0.316444	0.672223	-1.4876
cg11626656	RND3	0.0301021	0.276562	0.772935	-1.29377	0.687207	1.09649	1.09649	0.0211176	1.87964	1.87964	0.00815906	0.462764	-2.16093	0.386168	1.22406	1.22406
cg07144730	RND3;RND3	0.0136483	0.00470536	0.365864	-2.73325	0.53922	1.18105	1.18105	0.834709	0.945602	-1.05753	0.00553017	0.376808	-2.65387	0.549361	0.850299	-1.17606
cg25045489	RNF10	2.88E-05	0.0050873	0.723941	-1.38133	6.63E-05	0.528266	-1.89299	0.0383726	0.811121	-1.23286	0.00109182	0.656824	-1.52248	1.56E-06	0.347047	-2.88146
cg07704181	RNF10	0.000429726	0.213846	0.820056	-1.21943	0.0901074	1.32727	1.32727	0.033493	0.686248	-1.4572	0.3118	1.17187	1.17187	0.818891	0.965835	-1.03537
cg13146874	RNF10	0.0374764	0.925183	0.983536	-1.01674	0.429215	0.867074	-1.1533	0.355739	0.845441	-1.18281	0.581143	1.1035	1.1035	0.00426452	0.508732	-1.96567
cg02982160	RNF10	0.0458526	0.0769277	0.779422	-1.283	0.0104319	0.664625	-1.50461	0.0692028	0.772929	-1.29378	0.200502	0.84256	-1.18686	0.127592	0.811616	-1.23211
cg12992689	RNF10	0.048017	0.34878	1.16684	1.16684	0.0056194	1.7887	1.7887	0.867744	1.02702	1.02702	0.0532156	0.703751	-1.42096	0.395895	1.14921	1.14921
cg09348254	RNF103	0.00328457	0.32787	0.741628	-1.34839	0.124181	1.63678	1.63678	0.18222	1.52047	1.52047	0.280129	1.39414	1.39414	7.00E-05	0.116674	-8.57092
cg11223252	RNF103	0.0317165	0.83028	1.08634	1.08634	0.00716554	3.81713	3.81713	0.154806	1.79945	1.79945	0.0382429	2.52574	2.52574	0.788799	0.901602	-1.10914
cg15136797	RNF103	0.0387263	0.0984435	2.12061	2.12061	0.571734	0.788963	-1.26749	0.749383	1.14218	1.14218	0.238702	0.59938	-1.66839	0.0105938	0.263587	-3.79381
cg00162673	RNF11	0.000820256	0.245905	0.696815	-1.4351	0.0375356	0.487572	-2.05098	0.0236318	0.447377	-2.23525	0.119161	0.604469	-1.65435	1.45E-05	0.068188	-14.6653
cg09941363	RNF11	0.00527519	0.002613	0.298415	-3.35103	0.44682	0.798567	-1.25224	0.412671	0.784293	-1.27503	0.914956	1.03147	1.03147	0.00237028	0.2924	-3.41997
cg11785465	RNF11	0.00559547	0.171633	1.1825	1.1825	0.860019	1.02054	1.02054	0.28379	0.879617	-1.13686	0.460536	1.0904	1.0904	0.0101756	0.688454	-1.45253
cg09269118	RNF11	0.00758536	0.823932	0.963225	-1.03818	0.765796	0.951011	-1.05151	0.0527827	0.690625	-1.44796	0.0263084	1.55744	1.55744	0.99919	0.999829	-1.00017
cg03102824	RNF11	0.00835079	0.375579	1.19032	1.19032	0.778158	1.0556	1.0556	0.00422813	2.08279	2.08279	0.0543901	1.5192	1.5192	0.890577	1.02672	1.02672
cg22730412	RNF11	0.0124705	0.134056	0.548988	-1.82153	0.0695703	2.12398	2.12398	0.819944	0.918867	-1.0883	0.808104	1.09451	1.09451	0.2982	0.670177	-1.49214
cg06036531	RNF111	0.00855853	0.00431655	0.173309	-5.77005	0.0808183	0.41091	-2.43362	0.107638	0.446397	-2.24016	0.378189	1.51488	1.51488	0.00754683	0.206172	-4.85033
cg20596240	RNF111	0.00971645	0.0973695	0.671234	-1.48979	0.12492	1.43906	1.43906	0.00256419	2.50031	2.50031	0.0467849	0.607248	-1.64678	0.0111631	0.498097	-2.00764
cg06855065	RNF111	0.0160583	0.1993	1.16831	1.16831	0.283374	1.13638	1.13638	0.0153272	1.40693	1.40693	0.318629	1.1255	1.1255	0.0493861	0.773172	-1.29337
cg05564938	RNF111	0.0240842	0.529835	0.802315	-1.24639	0.0476614	2.18971	2.18971	0.00995422	3.08483	3.08483	0.00874484	0.314778	-3.17684	0.0963807	1.88094	1.88094
cg12283460	RNF111	0.0310078	0.214554	0.530494	-1.88503	0.0988726	0.415641	-2.40592	0.791986	0.879641	-1.13683	0.360833	1.57739	1.57739	0.000692029	0.0810773	-12.3339
cg01340550	RNF111	0.0492015	0.175585	0.325142	-3.07558	0.0035925	0.0461549	-21.6662	0.0723561	0.209261	-4.77872	0.359959	0.479903	-2.08375	0.0743025	0.211982	-4.71738
cg04009254	RNF111;RNF111	0.014033	0.636509	1.07883	1.07883	0.399323	0.871505	-1.14744	0.208226	1.23551	1.23551	0.110334	1.31965	1.31965	0.00162231	2.05447	2.05447
cg14848666	RNF111;RNF111	0.0235818	0.604185	1.16916	1.16916	0.242173	1.44167	1.44167	0.699229	1.12302	1.12302	0.524478	0.824693	-1.21257	0.716075	0.896591	-1.11534
cg16674433	RNF112	0.0434261	0.0378618	1.59538	1.59538	0.663083	0.918474	-1.08876	0.0301155	1.64013	1.64013	0.0152592	1.78243	1.78243	0.690597	0.925317	-1.08071
cg09482093	RNF112	0.0490927	0.0292349	2.40011	2.40011	0.970706	1.01259	1.01259	0.0113861	2.94346	2.94346	0.0128899	2.86412	2.86412	0.217745	1.55567	1.55567
cg21158317	RNF112	0.0497122	0.161251	1.55654	1.55654	0.859508	1.05379	1.05379	0.00368574	3.19246	3.19246	0.0113702	2.55248	2.55248	0.10969	1.67483	1.67483
cg13305951	RNF112;RNF112	0.0311776	0.0751558	2.10856	2.10856	0.612483	1.21204	1.21204	0.00156097	5.53707	5.53707	0.0134271	3.16607	3.16607	0.228286	1.60973	1.60973
cg23180270	RNF113A;NDUFA1	0.0105931	0.276797	1.62506	1.62506	0.648906	0.821393	-1.21744	0.229122	0.581744	-1.71897	0.0483273	2.6339	2.6339	0.000367131	0.0863626	-11.5791
cg11411600	RNF113B;FARP1;FARP1	1.49E-05	0.00175788	0.807287	-1.23872	0.00602057	1.18809	1.18809	0.00641164	1.18568	1.18568	0.00177783	0.807611	-1.23822	1.26E-05	0.643026	-1.55515
cg13695261	RNF113B;FARP1;FARP1	0.0390203	0.195716	0.840321	-1.19002	0.847425	0.975807	-1.02479	0.730815	0.95704	-1.04489	0.423568	0.901299	-1.10951	0.378186	0.891403	-1.12183
cg13193757	RNF114	0.000910245	0.670124	1.18356	1.18356	0.47692	1.32902	1.32902	0.845787	0.926274	-1.07959	0.42871	0.72778	-1.37404	9.16E-06	0.0229746	-43.5264
cg22657044	RNF114	0.00326972	0.155923	1.75563	1.75563	0.654006	0.845977	-1.18207	0.0897639	0.499862	-2.00055	0.00547261	0.258099	-3.87448	0.000602917	0.140672	-7.10875
cg18651900	RNF114	0.0168316	0.0147192	1.28214	1.28214	0.021458	1.25698	1.25698	0.120395	0.869837	-1.14964	0.417647	1.07097	1.07097	0.00257272	1.41338	1.41338
cg03434886	RNF114	0.0322447	0.0151131	0.172181	-5.80783	0.242832	0.486646	-2.05488	0.496606	0.665815	-1.50192	0.305518	1.86865	1.86865	0.0239848	0.204571	-4.88827
cg17204562	RNF114	0.0445775	0.519845	0.743412	-1.34515	0.326961	1.58395	1.58395	0.877057	0.932059	-1.07289	0.122594	0.467491	-2.13908	0.00582422	0.19376	-5.16102

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16072661	1.15E-05	0.0946165	-10.569	0.000400727	0.240101	-4.16491	0.886735	1.03677	1.03677	4.76E-05	0.143522	-6.96756	30.1104	30.6134	0.903737	1
cg07300408	0.648099	0.873177	-1.14524	0.223074	1.45913	1.45913	0.220624	0.683826	-1.46236	0.0192565	0.433609	-2.30622	7.28266	10.0465	1.22624	1
cg19937577	0.0451439	0.619003	-1.6155	0.233324	1.29793	1.29793	0.0237292	0.569297	-1.75655	0.468401	0.857314	-1.16643	9.2036	6.34751	0.613046	1
cg27417606	0.032332	0.438937	-2.27823	0.0144509	0.371462	-2.69206	0.107897	0.561925	-1.7796	0.0261644	0.420272	-2.37941	5.68213	9.7148	1.51974	1
cg21520055	0.0182407	0.493246	-2.02739	0.332811	0.781617	-1.2794	0.098098	1.56439	1.56439	0.652137	1.11842	1.11842	5.52819	5.3255	0.856298	1
cg27142656	0.553109	1.2165	1.2165	0.0277125	2.33971	2.33971	0.46078	1.27797	1.27797	0.267528	0.685724	-1.45831	5.51915	9.32606	1.50201	1
cg21908129	0.0783337	0.735382	-1.35984	0.0308552	1.48952	1.48952	1.67E-08	0.0330154	-30.2889	0.442066	0.884093	-1.1311	64.7413	25.3278	0.347748	1
cg26021714	0.206732	1.2781	1.2781	0.00339141	2.0834	2.0834	0.0151142	0.576894	-1.73342	0.0543844	0.66883	-1.49515	11.999	6.45243	0.477996	1
cg02881005	0.627336	0.865159	-1.15586	0.922534	1.02921	1.02921	0.00651907	0.351121	-2.84802	0.102718	0.589436	-1.69654	6.9197	9.60598	1.23396	1
cg24851490	0.0176428	0.32841	-3.04498	0.024337	0.355165	-2.81559	0.120656	0.522435	-1.91411	0.0467975	0.41563	-2.40598	4.80617	11.3249	2.09452	1
cg18294707	0.0801268	0.332485	-3.00765	0.0149019	0.182988	-5.46484	0.0466851	0.274772	-3.63938	0.0318559	0.24012	-4.16459	4.55759	23.2195	4.52861	1
cg23327851	0.0648355	1.37565	1.37565	0.144506	1.27261	1.27261	0.367051	1.15317	1.15317	0.121265	0.772292	-1.29485	4.96984	1.86196	0.333023	1
cg09842118	0.96694	1.01168	1.01168	5.21E-05	0.120165	-8.32187	0.00026364	0.186529	-5.36109	0.00307372	0.321369	-3.11169	22.2383	27.6319	1.10448	1
cg07525077	0.209223	0.728256	-1.37314	0.371194	1.24605	1.24605	2.52E-05	0.134802	-7.4183	0.000527965	0.274288	-3.64581	19.3346	17.5762	0.808045	1
cg04556766	0.00105241	0.212201	-4.71251	0.000451903	0.17057	-5.86269	0.000103748	0.111267	-8.98738	0.00308496	0.273758	-3.65286	18.172	29.4462	1.44037	1
cg24728005	0.483188	1.22086	1.22086	0.031619	2.02524	2.02524	7.64E-05	0.134269	-7.44774	0.0318374	0.494364	-2.0228	12.2037	15.1569	1.10399	1
cg21099111	0.546741	0.729695	-1.37044	0.000428985	0.0561522	-17.8087	0.244677	0.533209	-1.87544	0.00486662	0.145305	-6.8821	6.18731	26.163	3.75866	1
cg03519263	0.0172073	1.46305	1.46305	0.00232131	1.74654	1.74654	0.199135	1.19466	1.19466	0.197751	1.19539	1.19539	5.11043	1.39094	0.241935	1
cg10850001	0.509663	0.89671	-1.11519	0.58125	1.09505	1.09505	0.43422	1.1389	1.1389	0.235916	1.22441	1.22441	6.32801	2.66277	0.374036	1
cg01019876	0.00415645	0.703434	-1.4216	2.08E-06	0.343148	-2.9142	0.54562	0.945532	-1.05761	0.444941	0.931175	-1.07391	20.7821	2.75999	0.11805	1
cg04783966	0.0088924	0.463085	-2.15943	0.339549	1.154	1.154	?	?	?	?	?	?	119.488	15.8973	0.0798273	1
cg22862526	0.0149253	0.621568	-1.60883	0.0400163	1.45793	1.45793	0.0251107	0.654948	-1.52684	0.507065	1.11285	1.11285	5.15742	2.06117	0.355245	1
cg06908401	0.739633	0.939298	-1.06462	0.161528	0.75525	-1.32407	0.00136982	0.418104	-2.39175	7.69E-05	0.260575	-3.83767	19.8317	11.0728	0.496299	1
cg09803574	0.158012	1.22388	1.22388	0.000684211	2.00231	2.00231	0.979689	0.996598	-1.00341	0.0939359	1.27955	1.27955	6.43168	1.82485	0.252203	1
cg06720660	0.0410001	0.600433	-1.66546	0.520901	1.15114	1.15114	8.99E-07	0.0597309	-16.7417	0.00840829	0.482845	-2.07106	23.0347	17.0685	0.658658	1
cg10934032	0.361314	0.684272	-1.46141	0.0562259	0.417198	-2.39694	0.00135721	0.152497	-6.55751	0.135591	0.521876	-1.91616	5.6139	14.5341	2.30129	1
cg13017318	0.173778	1.24328	1.24328	0.000453763	2.29677	2.29677	0.00140316	2.00599	2.00599	0.279789	0.844448	-1.18421	22.8348	8.18903	0.318774	1
cg11137709	0.377971	1.18977	1.18977	0.0413778	1.57129	1.57129	0.163724	1.33039	1.33039	0.0344779	0.622703	-1.6059	12.3962	7.24365	0.519419	1
cg18986078	0.00361399	0.546101	-1.83116	0.165804	1.25482	1.25482	0.0758793	0.738292	-1.35448	0.120514	0.772104	-1.29516	9.5618	3.57219	0.33208	1
cg01726792	0.0530579	0.619966	-1.61299	0.205953	0.748135	-1.33666	0.000548487	0.311154	-3.21384	0.0692486	0.642704	-1.55593	7.31512	5.48024	0.665925	1
cg16529034	0.486756	1.16997	1.16997	0.119159	1.456	1.456	0.0845085	0.654495	-1.52789	0.540363	0.871364	-1.14763	4.72904	3.69606	0.694726	1
cg16627949	0.301254	1.21541	1.21541	0.739936	0.941131	-1.06255	0.0453666	0.658307	-1.51905	0.0147197	0.578785	-1.72776	3.96649	2.08397	0.467017	1
cg10976009	0.172654	0.828349	-1.20722	1.03E-06	5.26233	5.26233	0.0589819	1.31876	1.31876	0.00279952	1.70655	1.70655	31.1847	8.31523	0.237018	1
cg24162270	0.967326	1.01061	1.01061	0.228783	0.722306	-1.38446	2.06E-05	0.109232	-9.15483	0.0658538	0.58768	-1.70161	10.6147	11.152	0.93388	1
cg16701266	0.00411789	0.340967	-2.93284	0.0587797	0.550538	-1.81641	0.000139064	0.158737	-6.29973	0.0268043	0.480231	-2.08233	10.459	12.951	1.10068	1
cg20512247	0.0367403	0.495395	-2.01859	0.961585	1.01404	1.01404	0.0162454	0.427056	-2.34161	0.206061	0.6797	-1.47124	5.5054	7.30621	1.17964	1
cg05478628	0.451515	0.700631	-1.42728	0.575822	1.29975	1.29975	0.000882429	0.0990921	-10.0916	0.0243896	0.288203	-3.46977	4.47946	15.2608	3.02831	1
cg18848446	0.0412534	0.218411	-4.57853	0.0263834	0.182423	-5.48177	0.0274981	0.185502	-5.39077	0.0577142	0.249914	-4.00137	4.32783	28.6187	5.87798	1
cg01048203	0.0251469	0.578096	-1.72982	0.972253	0.992868	-1.00718	0.329081	0.812801	-1.23031	0.332659	0.814123	-1.22832	4.00907	2.68853	0.596098	1
cg03117412	0.0111483	0.437461	-2.28592	1.42E-05	0.0953307	-10.4898	0.0452306	0.550452	-1.81669	0.00166949	0.310879	-3.21668	17.1913	18.388	0.950767	1
cg15806038	0.00162172	0.172241	-5.80583	0.00235705	0.191685	-5.21689	0.624173	0.825091	-1.21199	0.000357941	0.107524	-9.30021	12.4595	29.914	2.13413	1
cg16363985	0.0245576	0.363026	-2.75462	0.00097405	0.156216	-6.4014	0.0208758	0.349255	-2.86324	0.0381438	0.402818	-2.48251	5.96762	13.5303	2.01536	1
cg15857610	0.00164534	0.116692	-8.56957	0.0196923	3.83004	3.83004	0.946963	0.968786	-1.03222	0.784066	1.13989	1.13989	4.88185	17.5682	3.19882	1
cg09859293	0.453364	1.07364	1.07364	1.51E-05	0.434263	-2.30275	0.0261679	0.782371	-1.27817	0.558211	1.05663	1.05663	14.2423	1.95201	0.121828	1
cg19224203	0.954219	0.992645	-1.00741	0.562319	0.927441	-1.07824	0.109766	1.25129	1.25129	0.0463792	1.34097	1.34097	9.31793	2.43996	0.232762	1
cg09552761	0.870617	0.958277	-1.04354	0.890432	1.03669	1.03669	0.153337	1.49146	1.49146	0.364317	1.276	1.276	4.1403	4.48259	0.962376	1
cg02636798	0.0589315	0.396808	-2.52011	3.54E-05	0.031439	-31.8076	0.199585	1.79908	1.79908	2.98E-05	0.0289389	-34.5556	17.2701	51.3622	2.6436	1
cg01449715	0.148576	1.43647	1.43647	0.0888602	1.55067	1.55067	0.116597	1.48968	1.48968	0.116613	0.671297	-1.48965	10.515	9.09972	0.769251	1
cg19349999	0.715005	0.918628	-1.08858	0.0054639	0.429242	-2.32969	0.246283	1.32395	1.32395	0.0840089	0.642437	-1.55657	8.76972	7.43968	0.754078	1
cg01060358	0.987025	0.998918	-1.00108	0.007224	1.25973	1.25973	0.00878663	1.2489	1.2489	0.0828786	1.13645	1.13645	7.43304	0.522262	0.0624552	1
cg10632429	0.00279776	32.9819	32.9819	?	?	?	0.588753	1.58917	1.58917	0.526386	1.72419	1.72419	4.62958	46.9356	10.1382	1
cg24872885	0.468758	0.901499	-1.10926	0.0189045	1.49174	1.49174	0.225943	0.836209	-1.19587	0.0905731	0.769267	-1.29994	11.3384	3.55373	0.2786	1
cg25294185	0.0464385	1.83756	1.83756	0.675657	1.11879	1.11879	0.978451	0.992821	-1.00723	0.997588	1.00081	1.00081	4.22557	4.76196	1.00172	1
cg06190547	0.920811	1.05325	1.05325	0.00212359	0.105083	-9.51626	0.529632	0.717334	-1.39405	0.722153	0.830048	-1.20475	4.61325	19.8867	3.8318	1
cg20495019	0.0929161	1.19178	1.19178	3.93E-06	0.360852	-2.77122	0.312405	1.10426	1.10426	0.0144564	1.33113	1.33113	21.6271	3.08516	0.126802	1
cg10607640	0.000729899	0.479863	-2.08393	0.17394	0.813165	-1.22976	0.052012	1.37173	1.37173	0.0953682	1.2995	1.2995	7.7436	2.50726	0.287808	1
cg04300632	0.00380856	0.588354	-1.69966	0.121436	1.25639	1.25639	0.973972	1.00444	1.00444	0.00867751	0.634636	-1.57571	6.45811	1.88981	0.260112	1
cg05952666	0.41894	0.634918	-1.57501	0.0823478	0.346982	-2.88199	0.0097816	0.165839	-6.02993	0.340654	0.582682	-1.7162	4.73776	20.1787	4.25911	1
cg23956791	0.062441	0.61065	-1.6376	0.0744184	0.626556	-1.59603	0.234173	0.745772	-1.34089	0.0896119	0.643931	-1.55296	3.41863	2.99533	0.778827	1
cg03433699	0.362197	0.64789	-1.54347	0.00859742	0.211593	-4.72605	0.0263795	0.295138	-3.38825	0.0272561	0.29795	-3.35626	4.6426	15.7916	3.02352	1
cg07672449	0.0697725	0.650315	-1.53772	0.0118483	0.513409	-1.94777	0.0156745	0.533376	-1.87485	0.00613512	0.468238	-2.13566	4.26874	3.04398	0.633854	1
cg07098477	0.213567	0.712578	-1.40336	0.00264339	0.340833	-2.93399	0.253819	0.73468	-1.36114	0.12619	0.651754	-1.53432	10.3202	10.9415	0.942397	1
cg26532905	0.0010758	0.160437	-6.23299	0.00869858	0.290882	-3.43782	0.0371348	0.41484	-2.41057	0.00441208	0.24299	-4.1154	10.3754	20.2862	1.52073	1
cg13606991	0.196443	0.598293	-1.67142	0.000897435	0.154196	-6.48525	0.00864084	0.283902	-3.52235	0.0148274	0.323885	-3.08751	6.57873	14.7371	1.99122	1
cg13372635	0.0147641	0.606915	-1.64768	0.00220642	0.489628	-2.04237	0.568425	1.1007	1.1007	0.0233223	0.636912	-1.57007	5.42044	2.37805	0.389972	1
cg12446763	0.146216	0.312759	-3.19735	0.0126129	0.0991438	-10.0864	0.0655777	0.214399	-4.66421	0.0394828	0.169515	-5.89918	3.55389	31.2547	7.81735	1
cg18610977	0.093318	0.501325	-1.99471	0.52183	0.784387	-1.27488	0.108621	1.92444	1.92444	0.292828	1.50415	1.50415	10.0687	22.3136	1.9699	1
cg21605845	0.276082	1.39739	1.39739	0.155853	0.638633	-1.56584	0.622469	1.15785	1.15785	0.278172	1.3952	1.3952	5.08145	7.01959	1.22792	1
cg00307266	0.0367439	0.712324	-1.40386	0.00019137	0.415384	-2.40741	0.685708	1.05853	1.05853	0.534971	1.09182	1.09182	6.39372	1.97915	0.275152	1
cg06537718	1.35E-06	0.313178	-3.19307	4.44E-08	0.165085	-6.05749	0.788203	1.02562	1.02562	7.28E-06	0.394691	-2.53363	104.981	14.6787	0.124287	1
cg11670122	0.0630805	0.577415	-1.73186	5.36E-05	0.138114	-7.24039	0.812634	0.93953	-1.06436	0.115622	0.638077	-1.56721	10.9789	11.9987	0.971452	1
cg15827285	0.0197318	0.231856	-4.31303	0.00147683	0.0924325	-10.8187	0.856216	0.91015	-1.09872	0.00373877	0.131042	-7.63112	6.72291	28.6881	3.79308	1
ch.5.673290R	0.108818	0.351837	-2.84222	0.191338	0.437675	-2.2848	0.0773571	0.309509	-3.23093	0.0871786	0.323656	-3.0897	6.56099	28.8325	5.02232	1
cg04590036	0.0676375	0.351947	-2.84134	0.00862672	0.181174	-5.51955	0.583115	0.753723	-1.32675	0.050637	0.321081	-3.11448	5.04419	20.7859	3.66291	1
cg18733486	0.387933	1.18843	1.18843	0.391738	0.842666	-1.18671	0.0946824	0.698842	-1.43094	0.564932	0.892701	-1.1202	7.06724	4.25986	0.535787	1
cg25102343	0.194418	1.13402	1.13402	0.110737	0.852811	-1.17259	0.884341	1.01343	1.01343	0.0153218	1.31353	1.31353	6.40983	0.852152	0.118173	1
cg26222042	0.739282	0.964937	-1.03634	0.302355	1.12096	1.12096	0.0221357	0.745896	-1.34067	0.00127215	0.605117	-1.65257	5.81217	1.05125	0.160774	1
cg16131300	0.329298	1.11141	1.11141	0.586497	0.944008	-1.05931	0.1703	0.857943	-1.16558	0.0324335	1.30047	1.30047	3.99901	0.697146	0.15496	1
cg18261144	0.239016	1.4495	1.4495	0.000174223	0.146915	-6.80663	0.887718	0.958362	-1.04345	0.114339	1.67705	1.67705	12.4563	17.879	1.27585	1
cg05460996	0.388848	1.31944	1.31944	0.225991	0.670927	-1.49047	0.707309	1.12569	1.12569	0.955128	1.01782	1.01782	10.1357	15.8172	1.38715	1
cg12722569	0.0174517	1.87712	1.87712	0.656281	0.90712	-1.10239	0.754445	1.07067	1.07067	0.236202	1.31012	1.31012	9.78996	7.34319	0.666732	1
cg26123920	0.367414	0.857732	-1.16587	0.155184	0.777143	-1.28676	0.236169	1.22845	1.22845	0.578583	0.911192	-1.09746	10.4453	4.54483	0.386762	1
cg12045531	0.229384	1.41445	1.41445	0.00355026	3.10583	3.10583	?	?	?	0.0283541	2.06495	2.06495	10.5694	8.13546	0.898005	1
cg04640834	0.0218278	0.596891	-1.67535	0.887319	1.02694	1.02694	0.50538	1.13509	1.13509	0.552976	0.893567	-1.11911	6.61246	3.68162	0.494907	1
cg24928378	0.0661191	1.30986	1.30986	0.323209	1.14294	1.14294	0.68944	1.05401	1.05401	0.879248	0.980291	-1.02011	4.95848	1.34644	0.241371	1
cg25504443	0.873858	1.0213	1.0213	0.346296	0.879282	-1.13729	0.479708	1.09999	1.09999	0.0225203	0.695963	-1.43686	6.3324	1.76463	0.247704	1
cg07591186	0.115647	0.469077	-2.13184	0.040229	0.350269	-2.85495	0.00532217	5.08014	5.08014	0.574261	0.777834	-1.28562	5.53078	17.161	2.75806	1
cg18068798	0.901105	1.02426	1.02426	0.128133	0.728219	-1.37321	0.706484	1.07567	1.07567	0.750522	0.940346	-1.06344	3.99924	2.35496	0.523425	1
cg20199347	0.000134683	0.471986	-2.11871	0.00226311	0.61566	-1.62427	0.717784	1.04207	1.04207	0.479064	0.921548	-1.08513	12.7323	2.59952	0.181482	1
cg26784822	0.15116	0.449535	-2.22452	0.473622	0.684668	-1.46056	0.00142713	0.0909053	-11.0005	0.580608	0.748218	-1.33651	6.65725	28.4854	3.80343	1
cg17862135	0.764948	0.90492	-1.10507	0.0137397	0.362377	-2.75956	0.201856	0.638243	-1.5668	0.061073	0.494945	-2.02043	6.52591	11.4746	1.56294	1
cg14184873	0.115295	1.28993	1.28993	0.826171	1.03325	1.03325	0.136785	0.787943	-1.26913	0.0283202	1.46952	1.46952	6.15277	2.15447	0.311256	1
cg12632313	0.193603	0.663418	-1.50735	0.0415755	2.01564	2.01564	0.094818	1.72922	1.72922	0.735136	1.1066	1.1066	5.74309	8.09456	1.25284	1
cg11996143	0.760118	0.889197	-1.12461	0.00725895	0.264976	-3.77393	0.466602	1.32856	1.32856	0.568184	1.24759	1.24759	5.65557	13.1719	2.07024	1
cg11626656	0.13676	1.44022	1.44022	0.0582136	0.614373	-1.62767	0.114436	0.676558	-1.47807	0.927305	0.979447	-1.02098	4.0819	3.34825	0.729125	1
cg07144730	0.0285424	0.50073	-1.99708	0.00329397	0.342388	-2.92066	0.984185	0.994708	-1.00532	0.636384	1.13596	1.13596	5.34434	6.06535	1.00881	1
cg25045489	0.0847098	1.18098	1.18098	0.0253049	1.26112	1.26112	0.0107562	1.32258	1.32258	0.164069	0.878498	-1.13831	30.7914	3.71184	0.107154	1
cg07704181	0.0410568	0.69955	-1.42949	2.16E-05	0.273925	-3.65063	0.0393919	0.696827	-1.43508	0.000173957	0.380662	-2.627	14.9024	5.42225	0.323422	1
cg13146874	0.0610949	1.45212	1.45212	0.0604645	1.45378	1.45378	0.474996	1.13701	1.13701	0.114794	0.738523	-1.35405	3.77221	1.86624	0.439762	1
cg02982160	0.882446	0.981429	-1.01892	0.216389	1.17917	1.17917	0.815178	0.97077	-1.03011	0.0096736	0.660489	-1.51403	3.5008	0.889955	0.225968	1
cg12992689	0.268554	1.20242	1.20242	0.0229132	1.54551	1.54551	0.669632	1.07106	1.07106	0.159868	1.27154	1.27154	3.44051	1.39425	0.360218	1
cg09348254	0.592215	0.852126	-1.17354	0.130516	1.62142	1.62142	0.353597	1.32641	1.32641	0.827367	0.937405	-1.06677	8.33043	11.5567	1.23314	1
cg11223252	0.0256379	2.78095	2.78095	0.70998	0.865786	-1.15502	0.00536747	4.11434	4.11434	0.41447	1.37965	1.37965	4.00661	9.44499	2.09542	1
cg15136797	0.0116856	0.270642	-3.69492	0.59282	1.25094	1.25094	0.290705	1.57588	1.57588	0.194854	1.76612	1.76612	3.7272	10.1563	2.42216	1
cg00162673	0.00794295	0.363083	-2.75419	0.0115781	0.39075	-2.55918	0.901597	0.963849	-1.03751	0.00252722	0.287095	-3.48317	12.4442	17.4628	1.24737	1
cg09941363	0.548345	0.83845	-1.19268	0.00740114	0.367523	-2.72092	0.00837576	2.657	2.657	0.103141	0.596193	-1.67731	7.21936	9.62241	1.18477	1
cg11785465	0.287288	0.880496	-1.13572	0.00454164	1.54569	1.54569	0.0140483	1.41804	1.41804	0.00413363	0.64214	-1.55729	7.08898	1.48992	0.186795	1
cg09269118	0.820963	1.03885	1.03885	0.000204463	2.84759	2.84759	0.657723	0.927766	-1.07786	0.880776	0.97508	-1.02556	6.45109	2.88861	0.398019	1
cg03102824	0.133194	1.3639	1.3639	0.0041206	0.478489	-2.08991	0.0257563	0.602094	-1.66087	0.0751538	1.46174	1.46174	6.25893	3.63828	0.516706	1
cg22730412	0.381558	0.716714	-1.39526	0.00160417	0.18645	-5.36336	0.0111247	3.25839	3.25839	0.0805121	0.487022	-2.05329	5.50427	12.0076	1.93911	1
cg06036531	0.00760886	0.206687	-4.83823	0.00200637	0.134955	-7.40985	0.958809	0.976554	-1.02401	0.0523746	0.362959	-2.75513	6.21053	20.7553	2.97062	1
cg20596240	0.105376	0.678615	-1.47359	0.0757644	0.648486	-1.54205	0.273002	0.778803	-1.28402	0.698578	1.08901	1.08901	5.96519	4.53663	0.676015	1
cg06855065	0.47275	1.08738	1.08738	0.00240512	0.615704	-1.62416	0.446885	1.093	1.093	0.185822	1.17458	1.17458	5.06486	1.05543	0.185229	1
cg05564938	0.728857	1.12798	1.12798	0.239428	0.652903	-1.53162	0.32529	0.703632	-1.4212	0.45718	1.29956	1.29956	4.41404	8.37229	1.68599	1
cg12283460	0.442593	0.683968	-1.46206	0.266336	0.570113	-1.75404	0.803092	0.885842	-1.12887	0.468668	1.43006	1.43006	4.03907	15.0585	3.31397	1
cg01340550	0.0953239	0.239437	-4.17646	0.0312704	0.139302	-7.17865	0.0499073	0.174757	-5.72222	0.0471066	0.169937	-5.88454	3.40891	32.8513	8.56614	1
cg04009254	0.00484373	1.81404	1.81404	0.0814804	0.735064	-1.36043	0.621412	0.923719	-1.08258	0.84893	0.970061	-1.03086	5.29578	2.13098	0.357682	1
cg14848666	0.688383	0.886498	-1.12803	0.000393756	0.185038	-5.4043	0.263517	0.705871	-1.41669	0.972389	1.0104	1.0104	4.44635	6.28875	1.25721	1
cg16674433	0.203837	0.770917	-1.29716	0.159716	1.33839	1.33839	0.145458	1.35426	1.35426	0.0322367	1.62667	1.62667	3.57271	2.12957	0.529836	1
cg09482093	0.622749	0.844513	-1.18411	0.446934	0.767829	-1.30237	0.891831	1.04746	1.04746	0.07311	1.97624	1.97624	3.41177	6.27623	1.63518	1
cg21158317	0.452886	1.25375	1.25375	0.851042	0.945921	-1.05717	0.746812	0.908648	-1.10054	0.109241	1.67612	1.67612	3.39557	4.70338	1.23124	1
cg13305951	0.487704	1.304	1.304	0.600806	1.21989	1.21989	0.903746	0.955475	-1.0466	0.0287497	2.6408	2.6408	4.03121	9.04917	1.99536	1
cg23180270	0.524252	1.31918	1.31918	0.932126	1.03724	1.03724	0.461866	1.37921	1.37921	0.0884112	0.446228	-2.24101	5.80246	16.9325	2.59392	1
cg11411600	7.65E-05	1.41092	1.41092	3.80E-05	1.46171	1.46171	0.00512889	1.19431	1.19431	0.100896	0.917328	-1.09012	36.5864	1.33652	0.0324716	1
cg13695261	0.198136	1.18878	1.18878	0.00202652	1.73918	1.73918	0.789584	1.03459	1.03459	0.0756834	0.777725	-1.2858	3.71687	0.951603	0.227576	1
cg13193757	0.922987	0.962684	-1.03876	0.427991	1.37475	1.37475	0.802923	1.10335	1.10335	0.350574	1.45919	1.45919	12.084	29.6043	2.17767	1
cg22657044	0.0116298	0.310572	-3.21986	0.00289497	0.219078	-4.56459	0.0446362	0.425379	-2.35084	0.00542169	0.257493	-3.8836	8.34169	18.1598	1.93511	1
cg18651900	0.152568	0.880879	-1.13523	0.626637	0.960231	-1.04142	0.987075	1.00134	1.00134	0.675904	0.965795	-1.03542	4.98605	0.541115	0.0964672	1
cg03434886	0.124048	0.374771	-2.6683	0.00472938	0.109555	-9.12786	0.779916	0.847835	-1.17948	0.0340376	0.232729	-4.29685	3.983	21.9043	4.8884	1
cg17204562	0.0729752	0.402959	-2.48164	0.0125888	0.244107	-4.09656	0.867727	1.0787	1.0787	0.0740619	0.404652	-2.47126	3.53799	11.574	2.90785	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17452625	RNF115	0.000328192	0.0977267	0.714235	-1.4001	0.0161455	0.579733	-1.72493	0.0225397	0.602868	-1.65874	0.000160888	0.303058	-3.2997	3.15E-05	0.222601	-4.49235	0.683241	1.07896	1.07896	0.000141475	0.296339	-3.37452	0.706507	0.932327	-1.07259	0.146143	0.74902	-1.33508	16.0502	8.72211	0.483045	1
cg17448109	RNF115	0.00929226	0.510678	0.906756	-1.10283	0.0115614	1.58925	1.58925	0.604178	0.926146	-1.07974	0.69312	0.943474	-1.05991	0.00345915	0.558587	-1.79023	0.955243	1.00827	1.00827	0.00390239	1.76826	1.76826	0.641619	0.933545	-1.07119	0.0682132	0.741139	-1.34927	6.05063	2.06243	0.302989	1
cg25839687	RNF11;RNF11	0.00474566	0.443147	0.943213	-1.06021	0.0488056	0.845152	-1.18322	0.455659	0.944772	-1.05846	0.335264	0.928396	-1.07713	0.0591808	0.852751	-1.17267	0.00110396	0.697952	-1.43276	0.00461142	0.754361	-1.32563	0.0130221	1.25906	1.25906	0.00698183	0.770361	-1.29809	7.45631	0.660199	0.0787043	1
cg23861127	RNF121;IL18BP;RNF121;RNF121;IL18BP	0.00895523	0.0864309	0.62531	-1.59921	0.332557	0.780529	-1.28118	0.00430044	0.388123	-2.5765	0.142375	0.676439	-1.47833	0.00194469	0.337412	-2.96374	0.00584685	0.408829	-2.44601	0.0603651	0.59154	-1.6905	0.217159	0.724795	-1.3797	0.0021623	0.343966	-2.90727	6.12205	5.95778	0.865037	1
cg06818786	RNF121;LOC100133315;RNF121;RNF121	0.000161657	0.0758947	0.791776	-1.26298	0.191122	1.17774	1.17774	0.0174687	1.40767	1.40767	0.00143122	0.579839	-1.72462	0.119596	1.22092	1.22092	0.394878	0.902135	-1.10848	6.03E-06	0.30148	-3.31697	0.00166126	0.587548	-1.70199	0.872313	1.01919	1.01919	19.4601	4.30532	0.196657	1
cg12868349	RNF121;LOC100133315;RNF121;RNF121	0.00171088	0.0695052	0.880919	-1.13518	0.203744	1.08738	1.08738	0.411495	1.05384	1.05384	0.00342883	0.780143	-1.28182	0.41442	0.949234	-1.05348	0.0331283	0.855939	-1.16831	0.000300173	0.692651	-1.44373	0.296399	0.934623	-1.06995	0.00269012	1.29565	1.29565	10.0891	0.623159	0.0549026	1
cg20659378	RNF121;LOC100133315;RNF121;RNF121	0.0484708	0.117895	0.784665	-1.27443	0.329907	0.866241	-1.15441	0.312432	0.861372	-1.16094	0.00164941	0.525526	-1.90286	0.542917	1.09194	1.09194	0.0434073	0.717674	-1.39339	0.917921	0.985386	-1.01483	0.0984441	0.771966	-1.29539	0.386756	0.880991	-1.13508	3.42829	1.10744	0.287138	1
cg22479887	RNF122	0.00581177	0.963677	0.985749	-1.01446	0.0449055	2.06575	2.06575	0.0590166	1.95816	1.95816	0.641026	1.15952	1.15952	0.00173053	0.244485	-4.09022	0.627326	1.16673	1.16673	0.00126874	0.227133	-4.4027	0.447443	1.2764	1.2764	0.271984	0.697392	-1.43391	7.00771	11.0257	1.39855	1
cg02709717	RNF122	0.0164127	0.0670189	0.808286	-1.23719	0.561476	1.06276	1.06276	0.0189904	0.744945	-1.34238	0.297179	1.11857	1.11857	0.00169261	0.628115	-1.59207	0.0831382	1.22005	1.22005	0.315647	1.11356	1.11356	0.502933	0.931945	-1.07302	0.224194	0.876013	-1.14154	5.02817	0.85593	0.151313	1
cg25230571	RNF122	0.0227259	0.0907614	1.23711	1.23711	0.16592	0.84475	-1.18378	0.89544	0.985097	-1.01513	0.265886	0.876002	-1.14155	0.205209	0.858449	-1.16489	0.000784819	0.560025	-1.78563	0.2946	1.13216	1.13216	0.55436	1.07068	1.07068	0.834372	0.976374	-1.0242	4.50342	0.930027	0.18357	1
cg25781202	RNF122;RNF122	0.0124359	0.339296	0.822081	-1.21642	0.102596	0.700963	-1.42661	0.523134	1.13738	1.13738	0.229879	0.778337	-1.28479	0.0141786	0.547723	-1.82574	0.00388444	0.461393	-2.16735	0.00417727	0.466042	-2.14573	0.107832	1.4177	1.4177	0.352081	1.20984	1.20984	5.50925	3.45255	0.557051	1
cg06123940	RNF125	0.00152362	0.0159194	0.783979	-1.27554	0.00721282	0.751369	-1.3309	0.0107555	0.76783	-1.30237	0.0656768	1.18564	1.18564	0.0204147	1.25906	1.25906	0.206328	1.11615	1.11615	0.00030397	1.62233	1.62233	0.664105	1.03668	1.03668	0.651724	0.963235	-1.03817	10.4325	1.12287	0.0956727	1
cg13631105	RNF125	0.00727716	0.382512	0.930546	-1.07464	0.140949	0.880488	-1.13573	0.176084	0.890817	-1.12257	0.293599	1.09152	1.09152	0.281424	0.91395	-1.09415	0.733887	1.02781	1.02781	0.000158813	0.595111	-1.68036	0.558629	0.953571	-1.04869	0.0750687	1.17272	1.17272	6.53541	0.668711	0.0909522	1
cg07608621	RNF125;RNF125	0.0359544	0.706999	0.90434	-1.10578	0.0769547	1.68827	1.68827	0.422537	0.80401	-1.24377	0.345726	1.29509	1.29509	0.760078	1.08498	1.08498	0.761138	1.08457	1.08457	0.00313085	0.341062	-2.93201	0.0318942	1.95341	1.95341	0.3675	1.27953	1.27953	3.8296	4.30046	0.99818	1
cg08165462	RNF126	0.000209138	0.769419	0.948758	-1.05401	0.000103286	0.292508	-3.41871	0.00229866	0.466502	-2.14362	0.236243	1.2487	1.2487	3.02E-05	0.232205	-4.30654	0.0550273	0.677515	-1.47598	0.000366261	0.36008	-2.77716	0.163395	1.30499	1.30499	0.0324614	0.638889	-1.56522	18.1499	9.20538	0.450833	1
cg27471092	RNF126	0.00572368	0.72394	0.942775	-1.0607	0.281584	1.20436	1.20436	0.453682	1.13523	1.13523	0.16064	0.779561	-1.28277	0.0546857	0.696177	-1.43642	0.00263827	0.500816	-1.99674	0.0613202	0.704458	-1.41953	0.00416376	1.89297	1.89297	0.0179622	1.61252	1.61252	7.04074	3.07895	0.388716	1
cg02346135	RNF126	0.00866295	0.38809	1.24197	1.24197	0.283769	1.31363	1.31363	0.761318	1.07749	1.07749	0.775064	0.932222	-1.07271	0.366517	0.796714	-1.25516	0.000366332	0.24704	-4.04792	0.351826	0.790793	-1.26455	0.281046	1.31583	1.31583	0.00604112	0.415387	-2.40739	6.18676	5.88004	0.844821	1
cg16709541	RNF126	0.0148357	0.0769338	0.446576	-2.23926	0.0483989	0.3968	-2.52016	?	?	?	0.226339	0.59413	-1.68313	0.0785293	0.44893	-2.22752	0.953649	1.02411	1.02411	0.000390551	0.0985861	-10.1434	0.948564	0.973905	-1.02679	0.740876	0.872831	-1.1457	5.29847	12.5297	2.36478	1
cg26522585	RNF126	0.0166973	0.0127927	0.35425	-2.82287	0.070386	0.50728	-1.9713	0.0888328	0.532675	-1.87732	0.148806	0.594746	-1.68139	0.0666501	0.501529	-1.9939	0.424715	0.760655	-1.31466	0.000953681	0.191636	-5.21823	0.0154778	0.369083	-2.70942	0.0221774	0.398431	-2.50984	4.99942	8.91679	1.58539	1
cg25651627	RNF126	0.0281431	0.808215	0.967201	-1.03391	0.697728	0.947884	-1.05498	0.935581	1.01115	1.01115	0.362788	1.13686	1.13686	0.0517584	1.35468	1.35468	0.516674	1.09436	1.09436	0.000565724	2.08054	2.08054	0.219625	1.19365	1.19365	0.684177	0.945461	-1.05769	4.18027	1.24508	0.264752	1
cg26147823	RNF126	0.0438449	0.00500992	0.55243	-1.81018	0.29818	0.84169	-1.18809	0.548184	1.10198	1.10198	0.55643	0.909312	-1.09973	0.0355651	0.676367	-1.47849	0.0275624	0.659394	-1.51654	0.0214466	0.643001	-1.55521	0.895813	0.97928	-1.02116	0.989717	0.997943	-1.00206	3.55995	1.44	0.359556	1
cg16521309	RNF126P1	0.00491764	0.439697	1.11029	1.11029	0.548959	1.08384	1.08384	0.668623	0.944438	-1.05883	0.22854	1.18267	1.18267	0.170764	0.823954	-1.21366	0.00535254	1.62739	1.62739	0.101881	0.788431	-1.26834	0.000206428	2.28206	2.28206	0.219905	1.18679	1.18679	7.37588	2.05883	0.248115	1
cg14272075	RNF126P1	0.00505152	0.869114	0.976215	-1.02436	0.00751038	1.65238	1.65238	0.0581153	1.36698	1.36698	0.899747	1.01857	1.01857	0.000814811	0.478674	-2.08911	0.654026	1.06806	1.06806	0.0830633	1.32326	1.32326	0.0648018	0.738808	-1.35353	0.0339514	1.43527	1.43527	7.31566	2.46852	0.299938	1
cg18711081	RNF126P1	0.0113776	0.0135539	5.44747	5.44747	0.00392028	8.61904	8.61904	0.00983457	6.11337	6.11337	0.0711789	3.05951	3.05951	0.147247	2.37005	2.37005	0.0227275	4.53992	4.53992	0.00551908	7.56655	7.56655	0.00556824	7.54136	7.54136	0.0399461	3.73392	3.73392	5.67044	27.6469	4.33388	1
cg10842080	RNF126P1	0.027174	0.0403437	3.3529	3.3529	0.0267796	3.82027	3.82027	0.0256581	3.87293	3.87293	0.119299	2.37153	2.37153	0.0393997	3.3782	3.3782	0.00985434	5.29211	5.29211	0.00740939	5.82542	5.82542	0.0177208	4.36338	4.36338	0.202446	1.9886	1.9886	4.23211	17.4909	3.67369	1
cg12173181	RNF128	0.045485	0.256488	0.562004	-1.77935	0.975365	0.985089	-1.01514	0.959085	0.975349	-1.02527	0.0223547	0.264029	-3.78746	0.0019639	0.118969	-8.40553	0.172396	0.493314	-2.02711	0.0656074	0.365944	-2.73266	0.463639	0.69564	-1.43752	0.0936123	0.407741	-2.45253	3.51139	13.1639	3.33237	1
cg20880647	RNF128;RNF128	0.00460423	?	?	?	0.0267705	0.16952	-5.89901	0.234168	0.430187	-2.32457	0.215523	2.41499	2.41499	0.0416516	0.204242	-4.89616	0.000190323	0.0142095	-70.3757	0.250555	2.25256	2.25256	0.545966	1.51182	1.51182	0.894479	1.09391	1.09391	7.68765	49.5107	6.4403	1
cg09676788	RNF128;RNF128	0.0187155	0.198601	1.59631	1.59631	0.752418	0.896777	-1.1151	0.424073	0.754983	-1.32453	0.017701	0.370425	-2.6996	0.0109958	0.33343	-2.99913	0.0197269	2.63654	2.63654	0.267323	1.48858	1.48858	0.352416	1.39018	1.39018	0.0360417	0.431939	-2.31514	4.81152	9.03156	1.66851	1
cg08681413	RNF128;RNF128	0.047295	0.257564	0.601929	-1.66132	0.961685	0.979572	-1.02085	0.61777	0.805618	-1.24128	0.142985	1.96669	1.96669	0.0126336	0.26393	-3.78889	0.813362	1.10695	1.10695	0.0088824	0.239163	-4.18125	0.131129	2.01435	2.01435	0.552388	0.772397	-1.29467	3.46024	10.1158	2.59861	1
cg02702477	RNF130	0.000211876	0.0300278	0.687168	-1.45525	0.437392	1.12351	1.12351	0.750711	1.04797	1.04797	0.100502	0.767604	-1.30275	0.250599	0.838219	-1.193	0.0141129	1.56096	1.56096	4.65E-06	0.213556	-4.68262	0.00139228	0.506152	-1.97569	0.0811112	0.752556	-1.3288	18.0859	6.18974	0.304215	1
cg04265672	RNF130	0.00913931	0.0293407	7.07968	7.07968	0.00104873	40.3582	40.3582	0.0094012	12.3143	12.3143	0.0593347	5.06972	5.06972	0.0707091	4.6648	4.6648	0.0799642	4.39944	4.39944	0.0041586	18.7119	18.7119	0.0191553	8.68485	8.68485	0.0139909	10.1171	10.1171	6.08264	56.0183	8.18626	1
cg18080903	RNF130	0.0298593	0.181185	0.875247	-1.14253	0.999772	0.999973	-1.00003	0.0111583	1.34793	1.34793	0.124668	0.855527	-1.16887	0.420754	0.925698	-1.08027	0.391241	0.920851	-1.08595	0.234821	1.12399	1.12399	0.0295229	0.786187	-1.27196	0.0283965	1.27487	1.27487	4.09366	0.571249	0.12404	1
cg15916350	RNF130	0.0367481	0.397909	0.752389	-1.3291	0.130019	1.71181	1.71181	0.332382	1.38914	1.38914	0.162427	1.63267	1.63267	0.0298047	0.431528	-2.31735	0.558019	0.823063	-1.21497	0.121828	0.576237	-1.7354	0.0119544	2.8034	2.8034	0.1269	0.581196	-1.72059	3.79931	6.50096	1.52097	1
cg17315833	RNF130;RNF130	0.0314473	0.151112	0.773769	-1.29238	0.205155	1.24965	1.24965	0.898575	0.978965	-1.02149	0.151188	1.2923	1.2923	0.465171	1.13192	1.13192	0.321959	0.843176	-1.18599	0.0310734	0.65578	-1.5249	0.00506465	0.539118	-1.85488	0.110976	1.33575	1.33575	4.01883	1.76906	0.391281	1
cg01718231	RNF135;RNF135	0.00080337	0.0911758	0.894499	-1.11794	0.039107	0.866684	-1.15382	0.007222	1.2309	1.2309	0.067767	0.884608	-1.13044	0.0705507	1.12875	1.12875	0.000297706	0.702704	-1.42307	0.000435994	1.39535	1.39535	0.528392	0.962447	-1.03902	0.936681	0.99525	-1.00477	12.5173	0.711898	0.050554	1
cg19250113	RNF135;RNF135	0.00191295	0.482773	0.884102	-1.13109	0.0532831	1.46105	1.46105	0.000285244	2.78219	2.78219	0.0203167	0.616876	-1.62107	0.759997	0.948463	-1.05434	0.888697	1.02448	1.02448	0.000549675	2.52608	2.52608	0.646899	1.08291	1.08291	0.24339	0.809941	-1.23466	9.7676	4.61333	0.419831	1
cg18213979	RNF135;RNF135	0.00584343	0.111751	0.471333	-2.12164	0.000144583	17.1599	17.1599	0.0148358	3.6754	3.6754	0.717796	1.17072	1.17072	0.935561	0.965493	-1.03574	0.860235	0.926317	-1.07954	0.0631707	2.47827	2.47827	0.723027	1.16713	1.16713	0.398317	1.4558	1.4558	6.99599	20.8974	2.65516	1
cg20469139	RNF135;RNF135	0.0111771	0.177892	3.11186	3.11186	0.0115368	12.2436	12.2436	0.086537	4.48731	4.48731	0.0982789	4.21147	4.21147	0.554166	0.622225	-1.60713	0.0421997	6.39654	6.39654	0.000891261	51.7258	51.7258	0.00758545	15.2259	15.2259	0.0284961	7.76522	7.76522	5.70307	56.7898	8.85134	1
cg04193820	RNF135;RNF135	0.0127394	0.0296132	6.33411	6.33411	0.0103104	10.2765	10.2765	0.0948001	3.75629	3.75629	0.146746	3.07298	3.07298	0.870185	1.12512	1.12512	0.0281207	6.4834	6.4834	0.00122617	30.2225	30.2225	0.00678201	12.5428	12.5428	0.0401383	5.52583	5.52583	5.46615	44.9814	7.31473	1
cg03596034	RNF135;RNF135	0.0176213	0.18646	4.24154	4.24154	0.0286379	14.348	14.348	0.0911901	6.81659	6.81659	0.156195	4.78263	4.78263	0.276133	0.310763	-3.21789	0.0493778	10.1137	10.1137	0.00235401	79.686	79.686	0.00739129	35.1868	35.1868	0.0356474	12.4629	12.4629	4.91008	82.77	14.9841	1
cg01347228	RNF135;RNF135	0.0183469	0.0514149	6.41063	6.41063	0.0112137	14.3263	14.3263	0.105899	4.3912	4.3912	0.106672	4.3743	4.3743	0.990148	1.0104	1.0104	0.0766771	5.20483	5.20483	0.00230543	35.4406	35.4406	0.00698213	18.6009	18.6009	0.0318952	8.22053	8.22053	4.8439	53.8444	9.88082	1
cg18459618	RNF135;RNF135	0.0276058	0.155308	4.05471	4.05471	0.00563049	28.3689	28.3689	0.0481636	7.99607	7.99607	0.232732	3.16446	3.16446	0.904945	1.11625	1.11625	0.0645958	6.76014	6.76014	0.00499565	30.5744	30.5744	0.0141712	16.2201	16.2201	0.0798308	5.98616	5.98616	4.20873	56.49	11.9308	1
cg16980360	RNF135;RNF135	0.0291468	0.628538	0.936563	-1.06773	0.00505267	1.64614	1.64614	0.303523	0.866518	-1.15404	0.874752	1.02143	1.02143	0.876738	0.979349	-1.02109	0.00605537	1.6192	1.6192	0.800666	0.966559	-1.0346	0.731317	0.954718	-1.04743	0.0301016	1.40905	1.40905	4.12885	1.18189	0.254447	1
cg04590184	RNF135;RNF135	0.0301655	0.856091	1.1658	1.1658	0.0179326	11.3676	11.3676	0.0544655	6.32093	6.32093	0.115988	4.23621	4.23621	0.305596	0.408014	-2.45089	0.0535019	6.38042	6.38042	0.00760615	18.1829	18.1829	0.032987	8.22537	8.22537	0.032579	8.27947	8.27947	4.07885	46.1321	10.0534	1
cg08896939	RNF135;RNF135	0.0371269	0.116231	3.32543	3.32543	0.0316048	5.89462	5.89462	0.037553	5.46548	5.46548	0.190117	2.65589	2.65589	0.852166	1.14033	1.14033	0.0725767	4.0966	4.0966	0.00587359	12.6519	12.6519	0.00869853	10.5231	10.5231	0.0747631	4.04353	4.04353	3.78513	29.7034	6.97546	1
cg09811317	RNF135;RNF135	0.0448402	0.215571	0.617103	-1.62048	0.00142503	5.52329	5.52329	0.673848	1.16973	1.16973	0.917588	1.03908	1.03908	0.14283	0.558065	-1.79191	0.649352	1.18474	1.18474	0.44029	1.33839	1.33839	0.638944	1.19126	1.19126	0.215663	1.6203	1.6203	3.53023	7.66861	1.93091	1
cg11857033	RNF135;RNF135	0.0486684	0.908146	0.897482	-1.11423	0.00839925	23.4524	23.4524	0.090633	5.73766	5.73766	0.158461	4.10727	4.10727	0.504943	0.530461	-1.88515	0.196105	3.60038	3.60038	0.0084831	23.3088	23.3088	0.0940143	5.61514	5.61514	0.0937537	5.62434	5.62434	3.42301	47.6097	12.3633	1
cg24471328	RNF138;RNF138	0.000494967	0.892303	1.01795	1.01795	0.384791	0.889562	-1.12415	0.767857	1.03964	1.03964	0.188175	0.832652	-1.20098	0.00572881	0.621445	-1.60915	0.158851	0.820551	-1.21869	9.60E-06	0.285889	-3.49786	0.000808314	0.514932	-1.942	0.0266678	0.708269	-1.41189	14.3307	3.91473	0.242819	1
cg06033764	RNF138;RNF138	0.0147137	0.0319266	0.361525	-2.76606	0.0121776	3.5875	3.5875	0.0292741	2.82993	2.82993	0.0939292	2.09118	2.09118	0.0110069	0.270982	-3.69028	0.191088	1.73525	1.73525	0.089007	2.12048	2.12048	0.759974	0.88604	-1.12862	0.492825	0.759163	-1.31724	5.8604	14.1525	1.87829	1
cg16292851	RNF138;RNF138	0.0162201	0.687126	1.10121	1.10121	0.00514791	0.414886	-2.4103	0.00628688	0.428463	-2.33393	0.413573	1.22022	1.22022	0.393561	0.812131	-1.23133	0.0602913	1.65617	1.65617	0.346472	1.25966	1.25966	0.160184	1.42944	1.42944	0.0796495	0.629279	-1.58912	5.04799	4.53277	0.798166	1
cg16078886	RNF138;RNF138	0.0209146	0.000772337	0.426968	-2.34209	0.0616489	1.42183	1.42183	0.539564	1.10943	1.10943	0.781829	1.04751	1.04751	0.23062	1.23401	1.23401	0.394707	0.864373	-1.15691	0.876166	1.02642	1.02642	0.244415	1.22582	1.22582	0.440651	1.14051	1.14051	4.63347	2.05146	0.393554	1
cg07234248	RNF138;RNF138	0.0348742	0.0022896	0.171641	-5.8261	0.0832432	2.20917	2.20917	0.20096	1.74764	1.74764	0.835162	0.91748	-1.08994	0.168311	0.545083	-1.83458	0.481317	0.743897	-1.34427	0.575742	0.791605	-1.26326	0.770339	1.12862	1.12862	0.118003	2.01696	2.01696	3.87217	10.4773	2.40515	1
cg27556566	RNF138;RNF138;RNF138	0.0234666	0.866597	0.98268	-1.01762	0.460744	0.924929	-1.08116	0.353665	1.10425	1.10425	0.100187	0.8293	-1.20584	0.1639	1.16692	1.16692	0.581651	0.943812	-1.05953	0.0391651	0.780339	-1.2815	0.0106021	1.39654	1.39654	0.00861798	1.41637	1.41637	4.45388	0.761756	0.152028	1
cg14866064	RNF138;RNF138;RNF138	0.0460737	0.00774754	0.499507	-2.00198	0.442692	0.853117	-1.17217	0.293656	0.80165	-1.24743	0.155789	1.361	1.361	0.259537	0.787636	-1.26962	0.0802752	1.48262	1.48262	0.207593	1.30957	1.30957	0.100485	0.694071	-1.44078	0.336773	1.22263	1.22263	3.49449	2.27978	0.579906	1
cg03182158	RNF139	0.0098047	0.743457	0.96263	-1.03882	0.281784	1.13851	1.13851	0.89181	1.01591	1.01591	0.0250528	1.36223	1.36223	0.286883	0.879635	-1.13684	0.742885	0.962545	-1.03891	0.000263876	0.499003	-2.004	0.733427	1.04044	1.04044	0.579925	0.937221	-1.06698	5.94799	1.26694	0.189336	1
cg27038428	RNF139	0.0165996	0.0416673	0.458772	-2.17973	0.00776695	0.321648	-3.10899	0.0549819	0.485747	-2.05868	0.664758	0.865302	-1.15567	0.0211999	0.398786	-2.50761	0.0647682	0.502442	-1.99028	0.00335426	0.265979	-3.7597	0.00654969	0.309748	-3.22843	0.818855	0.926707	-1.07909	5.00921	8.73509	1.55005	1
cg08743556	RNF139	0.0289454	0.0421195	0.821541	-1.21723	0.280818	0.910186	-1.09868	0.106541	1.15945	1.15945	0.536897	0.948861	-1.0539	0.255194	0.905086	-1.10487	0.0302085	0.807395	-1.23855	0.00173809	0.687353	-1.45486	0.494764	0.943459	-1.05993	0.948475	0.994589	-1.00544	4.13899	0.461983	0.0992155	1
cg15908081	RNF139	0.0382322	0.0294622	0.687021	-1.45556	0.547718	1.09315	1.09315	0.294479	1.17256	1.17256	0.0857243	0.757257	-1.32056	0.11998	0.781176	-1.28012	0.0144376	0.643162	-1.55482	0.0552528	0.727502	-1.37457	0.477425	1.11155	1.11155	0.137366	1.26397	1.26397	3.74478	1.27122	0.301747	1
cg25567280	RNF13;RNF13	4.20E-05	0.000158411	0.407056	-2.45667	0.503692	1.09902	1.09902	0.580327	1.08081	1.08081	3.67E-05	3.01942	3.01942	0.00170801	0.536222	-1.8649	0.314901	0.865365	-1.15558	1.84E-05	3.37037	3.37037	0.270159	0.852344	-1.17324	0.0193355	0.674622	-1.48231	27.8692	8.54585	0.27257	1
cg02977810	RNF13;RNF13	0.0101673	0.26636	1.20286	1.20286	0.269598	0.832476	-1.20124	0.858113	1.02895	1.02895	0.0325417	1.49039	1.49039	0.218047	1.22954	1.22954	0.000226263	2.65892	2.65892	0.188398	1.24891	1.24891	0.601013	0.919293	-1.08779	0.577658	0.914198	-1.09386	5.87933	2.36839	0.358075	1
cg12461469	RNF13;RNF13	0.0270704	0.752351	1.21623	1.21623	0.413768	0.596501	-1.67644	0.536235	1.47303	1.47303	0.193756	0.42728	-2.34038	0.0200089	0.176243	-5.67398	0.00164004	0.0615197	-16.2549	0.865435	0.900428	-1.11058	0.499641	0.654583	-1.52769	0.0855286	3.23931	3.23931	4.23779	25.6667	5.38368	1
cg04118462	RNF13;RNF13	0.0298948	0.0194465	0.337828	-2.96009	0.314777	0.670781	-1.4908	0.0575908	0.438303	-2.28152	0.6472	1.19364	1.19364	0.00108016	0.156616	-6.38503	0.129812	0.533328	-1.87502	0.104111	0.50532	-1.97894	0.419605	0.728495	-1.37269	0.353799	0.693177	-1.44263	4.09193	9.56288	2.07734	1
cg14663333	RNF14	0.000579044	0.877763	0.988939	-1.01118	0.0188624	0.8142	-1.2282	0.00756804	0.780146	-1.28181	0.122603	0.886123	-1.12851	1.75E-05	0.529722	-1.88778	0.000814684	0.694366	-1.44016	0.272177	0.920723	-1.0861	0.0872351	0.872446	-1.1462	0.0857368	1.1471	1.1471	13.7192	1.13467	0.0735175	1
cg04182865	RNF14	0.00385666	0.240476	0.673527	-1.48472	0.0638895	0.511802	-1.95388	0.0270777	0.431025	-2.32005	0.212186	0.655326	-1.52596	0.000310856	0.152386	-6.56229	0.8393	0.936785	-1.06748	0.000583029	0.180836	-5.52987	0.163066	0.619516	-1.61416	0.00703611	0.326114	-3.06641	7.93926	13.0051	1.45607	1
cg06073041	RNF14	0.022039	0.0101414	0.726996	-1.37552	0.437864	0.925148	-1.08091	0.447443	0.926703	-1.07909	0.712288	1.03709	1.03709	0.0594863	0.81129	-1.23261	0.770399	0.971638	-1.02919	0.280451	1.11661	1.11661	0.617827	0.95175	-1.0507	0.00284096	1.49772	1.49772	4.55118	0.696712	0.136075	1
cg09657348	RNF141	0.00184581	?	?	?	?	?	?	?	?	?	0.0937942	0.800625	-1.24902	?	?	?	0.000471789	0.217203	-4.60399	0.173402	0.849502	-1.17716	?	?	?	?	?	?	93.3738	3.92355	0.0420198	1
cg08502759	RNF141	0.0129847	0.0387765	1.35472	1.35472	0.341673	1.13236	1.13236	0.321	1.13892	1.13892	0.20893	0.845319	-1.18299	0.887201	0.982155	-1.01817	0.049786	1.3283	1.3283	0.000948954	0.535206	-1.86844	0.226522	1.1748	1.1748	0.269867	1.15693	1.15693	5.43224	1.38479	0.226596	1
cg25040934	RNF141	0.013469	0.200608	0.738997	-1.35319	0.00201335	0.377207	-2.65106	0.00396674	0.420302	-2.37924	0.985452	1.00409	1.00409	0.0091442	0.476751	-2.09753	0.212472	0.745409	-1.34155	0.377348	0.816542	-1.22468	0.884455	1.03307	1.03307	0.0127261	0.500242	-1.99903	5.36756	4.25577	0.704772	1
cg00542402	RNF141	0.0296692	0.326805	0.889299	-1.12448	0.0881937	1.24364	1.24364	0.00414967	1.56103	1.56103	0.612901	0.942587	-1.06091	0.0410491	0.760922	-1.3142	0.682226	0.953411	-1.04887	0.225403	0.862817	-1.15899	0.12673	1.21099	1.21099	0.168895	1.18516	1.18516	4.10295	0.872779	0.189085	1
cg05367858	RNF141	0.043029	0.469946	0.837436	-1.19412	0.0345658	1.81264	1.81264	0.00477866	2.46939	2.46939	0.684167	0.906011	-1.10374	0.571566	1.14795	1.14795	0.032169	0.545753	-1.83233	0.923785	1.02336	1.02336	0.738769	1.08413	1.08413	0.373215	1.24685	1.24685	3.58495	3.30711	0.819997	1
cg10133630	RNF141	0.0443922	0.244193	0.551886	-1.81197	0.849719	1.09696	1.09696	0.0893462	2.49405	2.49405	0.618262	1.27774	1.27774	0.0171864	0.242558	-4.12272	0.0884467	0.399713	-2.50179	0.0463014	0.32834	-3.04562	0.0170996	0.242177	-4.1292	0.255758	0.560567	-1.78391	3.5435	13.3579	3.35084	1
cg01148088	RNF144A	0.000278442	0.0053055	0.665231	-1.50324	0.61062	0.944622	-1.05862	0.168885	0.84991	-1.1766	0.000130664	2.0893	2.0893	0.00332822	0.641858	-1.55798	0.00642803	1.48177	1.48177	0.157967	1.18232	1.18232	0.000369401	0.531306	-1.88216	0.0590142	1.26686	1.26686	16.789	3.27266	0.17327	1
cg02414889	RNF144A	0.000761333	0.162463	0.793777	-1.2598	0.125187	0.773341	-1.29309	0.232898	0.823886	-1.21376	0.00382169	0.546635	-1.82938	0.000189123	0.377222	-2.65096	0.0692448	0.729939	-1.36998	0.000219138	0.385154	-2.59637	0.000715467	0.450323	-2.22063	0.000596286	0.440128	-2.27207	12.7079	4.82731	0.337659	1
cg03065975	RNF144A	0.00313987	0.892278	1.0635	1.0635	0.189593	0.53187	-1.88016	0.148233	2.02326	2.02326	0.000968314	0.107354	-9.315	0.000277841	0.0670123	-14.9226	0.662782	0.819243	-1.22064	?	?	?	0.0631849	0.386936	-2.5844	0.125004	0.47022	-2.12666	8.63061	25.0855	2.90657	1
cg06023570	RNF144A	0.0130328	0.0832243	0.483842	-2.06679	0.657501	1.18403	1.18403	0.352609	0.696212	-1.43634	0.345197	0.692086	-1.44491	0.00355539	0.22415	-4.46129	0.45712	0.750756	-1.33199	0.000868457	0.150824	-6.63025	0.012469	0.308223	-3.2444	0.624085	0.829458	-1.20561	5.42568	12.3148	2.01753	1
cg10319048	RNF144A	0.0161221	0.552351	0.866341	-1.15428	0.987836	0.996368	-1.00365	0.702479	0.912473	-1.09592	0.565407	0.870501	-1.14876	0.641518	0.894129	-1.11841	0.972678	1.00821	1.00821	0.000333668	0.251212	-3.98071	0.717761	0.917015	-1.0905	0.00877891	0.45088	-2.21789	5.05818	4.56319	0.801902	1
cg21566771	RNF144A	0.0195419	0.0444821	0.493226	-2.02747	0.0839065	0.556659	-1.79643	0.69777	0.887346	-1.12696	0.402219	1.30027	1.30027	0.0480638	0.500544	-1.99783	0.0243706	0.439681	-2.27437	0.00246453	0.275384	-3.63129	0.17064	1.56343	1.56343	0.0687125	0.535786	-1.86642	4.74171	7.04464	1.3206	1
cg09064070	RNF144A	0.0233341	0.821491	1.06093	1.06093	0.00370766	0.358387	-2.79028	0.668474	1.11935	1.11935	0.0230403	2.03675	2.03675	0.23693	0.723044	-1.38304	0.344232	1.29043	1.29043	0.264936	0.737815	-1.35535	0.017138	0.467518	-2.13896	0.992551	1.00245	1.00245	4.4626	4.84069	0.964199	1
cg05984191	RNF144A;RNF144A	0.0222619	0.305086	1.58481	1.58481	0.202191	0.555426	-1.80042	0.510922	1.33236	1.33236	0.00173265	0.110772	-9.02755	0.963277	0.98048	-1.01991	0.0073959	0.196102	-5.09938	0.683478	0.838744	-1.19226	0.319922	1.56093	1.56093	0.782776	1.12573	1.12573	5.79471	16.0216	1.84324	1
cg08751913	RNF144B	0.000101482	4.99E-05	0.127039	-7.87158	0.00887296	0.405453	-2.46638	0.00228315	0.314662	-3.17802	0.0210969	2.12083	2.12083	0.000144782	0.169685	-5.89326	0.318605	0.756241	-1.32233	1.49E-05	0.0875443	-11.4228	0.376425	0.781898	-1.27894	0.142798	0.652506	-1.53255	22.0536	25.6616	1.03431	1
cg15156584	RNF144B	0.000771963	0.149172	0.802623	-1.24592	0.150715	1.24473	1.24473	1.58E-05	0.281718	-3.54965	0.472815	1.10937	1.10937	0.106011	0.778064	-1.28524	0.514863	0.910397	-1.09842	0.00172334	0.52957	-1.88832	0.852134	0.973825	-1.02688	0.0487959	0.726258	-1.37692	12.6585	4.05066	0.284441	1
cg02059055	RNF144B	0.0420471	0.931204	0.967448	-1.03365	0.780329	0.898384	-1.11311	0.921986	0.963152	-1.03826	0.497478	0.76797	-1.30213	0.00167313	0.178618	-5.59855	0.866413	1.06666	1.06666	0.0538434	0.432133	-2.3141	0.289498	1.52408	1.52408	0.0493753	0.423315	-2.36231	3.61582	8.41249	2.06807	1
cg16608498	RNF145	0.000493991	0.000155347	0.205791	-4.85929	0.127857	0.66915	-1.49443	0.000362311	0.247768	-4.03603	0.00201171	0.345219	-2.89671	0.000562181	0.271156	-3.68791	0.0258288	0.524213	-1.90762	0.00215438	0.349464	-2.86153	0.250405	1.34059	1.34059	0.00151084	0.327779	-3.05083	14.3385	13.5254	0.83848	1
cg01657408	RNF145	0.0443567	0.167914	1.12785	1.12785	0.450136	0.938948	-1.06502	0.0185122	0.7915	-1.26342	0.0793877	1.17282	1.17282	0.0134406	1.28474	1.28474	0.65341	0.963675	-1.03769	0.180361	1.12351	1.12351	0.306451	0.916972	-1.09055	0.908448	1.00946	1.00946	3.54456	0.376219	0.0943463	1
cg24812749	RNF146	6.70E-06	1.11E-07	0.0266767	-37.4859	0.181009	1.35215	1.35215	0.00057207	0.322088	-3.10474	0.00148048	0.377515	-2.6489	0.181037	1.35212	1.35212	0.288817	0.791434	-1.26353	0.00514527	0.456145	-2.19229	0.0266248	0.572272	-1.74742	3.75E-05	0.185953	-5.3777	45.0004	32.1617	0.635288	1
cg16742990	RNF146	5.64E-05	0.0017892	0.498297	-2.00683	0.00501032	0.5588	-1.78955	2.12E-06	0.161083	-6.20797	0.0463892	0.699359	-1.42988	0.437751	1.13208	1.13208	0.00324788	1.87588	1.87588	0.856808	0.972089	-1.02871	0.000257138	0.389436	-2.56782	0.793767	0.95977	-1.04192	25.7826	10.0303	0.345807	1
cg03786582	RNF146	0.00315626	0.00679459	0.701872	-1.42476	0.314218	0.900283	-1.11076	0.7857	0.972868	-1.02789	0.000604569	0.586428	-1.70524	0.00170109	0.636132	-1.572	0.222749	0.878698	-1.13805	0.171634	1.15821	1.15821	0.0658964	1.23154	1.23154	0.241972	1.13157	1.13157	8.42993	1.36004	0.143409	1
cg14140629	RNF146	0.00807234	0.469174	0.721767	-1.38549	0.0422054	2.81842	2.81842	0.00135728	7.84132	7.84132	0.414664	0.6913	-1.44655	0.0708585	0.409182	-2.4439	0.01146	0.246436	-4.05786	0.613489	0.798111	-1.25296	0.0369145	0.341968	-2.92425	0.894889	0.943154	-1.06027	6.3262	19.6409	2.75973	1
cg23713965	RNF146	0.00809467	0.0459626	1.63427	1.63427	0.178199	0.741951	-1.3478	0.0101518	0.48514	-2.06126	0.0017581	0.351414	-2.84565	0.042378	1.65365	1.65365	?	?	?	0.632145	1.10373	1.10373	0.518633	0.874417	-1.14362	0.0837896	1.49992	1.49992	8.79416	4.91066	0.4188	1
cg22019980	RNF146	0.0230401	0.464044	1.18665	1.18665	0.041472	1.71585	1.71585	0.175058	1.39262	1.39262	0.584042	1.13537	1.13537	0.979259	1.00599	1.00599	0.720431	0.920791	-1.08602	0.00157768	0.352723	-2.83508	0.0481783	0.595394	-1.67956	0.713277	0.918742	-1.08844	4.48216	3.74321	0.742342	1
cg26365399	RNF146	0.0275767	0.140238	0.765105	-1.30701	0.564483	0.906388	-1.10328	0.218278	0.803718	-1.24422	0.437233	0.874835	-1.14307	0.319057	0.840505	-1.18976	0.0176346	0.614375	-1.62767	0.00107225	0.442497	-2.2599	0.728158	1.06065	1.06065	0.264918	1.21659	1.21659	4.21029	1.8985	0.400816	1
cg03191504	RNF149	2.59E-05	0.000223718	0.194667	-5.13698	0.0331294	0.514957	-1.94191	0.000484041	0.232734	-4.29674	0.0012304	0.283876	-3.52266	0.0693832	0.582028	-1.71813	0.224329	0.711707	-1.40507	5.63E-07	0.0250094	-39.9849	0.0102344	0.422117	-2.36901	4.65E-05	0.129	-7.75195	31.6636	35.5998	0.999387	1
cg11962007	RNF149	0.0028783	0.00455789	0.280016	-3.57123	0.00237896	0.239975	-4.1671	0.44909	0.771136	-1.29679	0.200674	1.57678	1.57678	0.0021424	0.233906	-4.27521	0.310544	0.702207	-1.42408	0.00123378	0.203592	-4.91177	0.145412	0.590529	-1.6934	0.00296432	0.253059	-3.95165	8.66393	15.5766	1.59811	1
cg09579953	RNF149	0.00338029	0.00994819	0.38888	-2.57149	0.00134286	0.258779	-3.8643	0.0132551	0.410443	-2.43639	0.0260903	0.464898	-2.15101	0.00762722	0.36964	-2.70534	0.00351833	0.317218	-3.15241	0.00138119	0.260386	-3.84045	0.0133542	0.411014	-2.43301	0.00424684	0.329497	-3.03493	8.2593	11.0097	1.1849	1
cg07815386	RNF149	0.00868072	0.339019	0.874961	-1.14291	0.912988	0.985294	-1.01493	0.00138235	1.87493	1.87493	0.280059	0.858818	-1.16439	0.333515	1.14477	1.14477	0.00301336	0.576246	-1.73537	0.053071	0.742356	-1.34706	0.839451	1.02788	1.02788	0.207493	0.835138	-1.19741	6.18274	1.79894	0.258633	1
cg24014780	RNF14;RNF14;RNF14;RNF14;RNF14	0.000503336	0.340494	0.916847	-1.09069	0.0341847	1.2441	1.2441	0.0511451	0.821775	-1.21688	0.00133704	0.662267	-1.50996	0.000134222	0.557267	-1.79447	0.00240113	1.45322	1.45322	0.0287973	0.796228	-1.25592	0.0138194	1.30854	1.30854	0.839923	1.01803	1.01803	14.2642	1.76453	0.109959	1
cg08665853	RNF14;RNF14;RNF14;RNF14;RNF14	0.000753078	0.000504107	0.217085	-4.60649	0.789912	0.927736	-1.07789	0.145572	0.644715	-1.55107	0.2781	0.728471	-1.37274	0.000114243	0.149278	-6.69891	0.00431146	0.342326	-2.92119	0.000175155	0.167267	-5.97847	0.0132435	0.422154	-2.36881	0.0285153	0.48385	-2.06676	12.7469	15.9293	1.11081	1
cg09499129	RNF14;RNF14;RNF14;RNF14;RNF14	0.00289688	0.830569	1.03901	1.03901	0.11372	1.35979	1.35979	0.287106	1.21822	1.21822	0.572255	1.10729	1.10729	0.0857068	0.712345	-1.40382	5.46E-05	0.261288	-3.8272	0.209857	0.789775	-1.26618	0.296143	1.21344	1.21344	0.778131	1.05174	1.05174	8.64742	4.36784	0.448981	1
cg20563794	RNF14;RNF14;RNF14;RNF14;RNF14	0.0110781	0.607776	1.10315	1.10315	0.00350318	0.471883	-2.11917	0.0072222	0.518214	-1.9297	0.246045	1.25866	1.25866	0.00757385	0.52133	-1.91817	0.494058	0.876616	-1.14075	0.7411	1.06489	1.06489	0.0535598	1.51546	1.51546	0.759783	0.943505	-1.05988	5.71946	3.25705	0.506194	1
cg07268068	RNF14;RNF14;RNF14;RNF14;RNF14	0.0115155	0.137141	1.57345	1.57345	0.478172	1.22646	1.22646	0.0245968	2.13369	2.13369	0.529709	0.835078	-1.19749	0.252771	1.40236	1.40236	0.00373649	0.330067	-3.02969	0.587396	0.856333	-1.16777	0.771973	1.08574	1.08574	0.00359411	0.327541	-3.05305	5.6484	7.16914	1.12821	1
cg24777028	RNF14;RNF14;RNF14;RNF14;RNF14	0.0116679	0.0672689	0.50485	-1.98079	0.0330363	0.435695	-2.29518	0.703382	0.880288	-1.13599	0.155669	0.602702	-1.6592	0.00490966	0.288734	-3.46339	0.0443333	0.463083	-2.15944	0.00255988	0.248011	-4.03208	0.0052652	0.293359	-3.4088	0.00992678	0.337713	-2.9611	5.62442	9.89583	1.56395	1
cg14566974	RNF14;RNF14;RNF14;RNF14;RNF14;RNF14	0.000159664	?	?	?	0.273928	0.842177	-1.1874	4.46E-05	0.157969	-6.33035	0.000663299	2.85662	2.85662	0.351079	0.866117	-1.15458	0.0002645	3.58259	3.58259	?	?	?	0.00321934	0.477311	-2.09507	0.00562927	0.522646	-1.91334	60.0066	14.6497	0.174382	1
cg14257519	RNF150	1.22E-06	1.23E-07	0.118082	-8.46871	7.66E-06	0.287378	-3.47973	1.28E-05	0.312363	-3.2014	0.00139046	0.55549	-1.80021	0.000458651	0.496564	-2.01384	9.92E-05	0.416156	-2.40295	5.53E-07	0.171919	-5.8167	0.00132722	0.553008	-1.80829	2.10E-06	0.22763	-4.3931	69.7134	17.7781	0.226682	1
cg19538890	RNF150	0.00300791	0.720169	0.957977	-1.04387	0.000235151	0.483032	-2.07026	0.161857	0.836717	-1.19515	0.0543913	1.29759	1.29759	0.144202	0.829254	-1.2059	0.12215	1.22134	1.22134	0.100607	0.806825	-1.23943	0.00243909	0.604468	-1.65435	0.360781	1.11865	1.11865	8.55146	1.92912	0.200524	1
cg07262168	RNF150	0.00761819	0.00256726	0.169682	-5.89338	0.0327166	0.346432	-2.88657	0.00879973	0.24286	-4.11759	0.0678806	0.419962	-2.38117	0.000711178	0.112199	-8.91274	0.209551	0.570595	-1.75256	0.0281601	0.332943	-3.00352	0.269271	0.613796	-1.62921	0.0139565	0.275772	-3.62618	6.44236	18.3642	2.53381	1
cg04257400	RNF150	0.0131868	0.397456	0.873866	-1.14434	0.0894518	0.747226	-1.33828	0.0229597	0.654867	-1.52703	0.0511301	1.4129	1.4129	0.0161155	1.58121	1.58121	0.273522	0.837508	-1.19402	0.0117346	1.63215	1.63215	0.182173	0.802243	-1.24651	0.125138	0.772357	-1.29474	5.40489	2.07289	0.340907	1
cg23085448	RNF150	0.0197364	0.327401	0.866933	-1.15349	0.0152995	0.656684	-1.5228	0.141928	0.800096	-1.24985	0.449878	1.11488	1.11488	0.00354385	0.572204	-1.74763	0.934482	1.01168	1.01168	0.0751429	0.755869	-1.32298	0.22918	0.836754	-1.19509	0.00338711	0.569645	-1.75548	4.7258	1.49309	0.280839	1
cg00563678	RNF150	0.0305716	0.0772827	0.392753	-2.54613	0.852526	0.915259	-1.09259	0.389469	1.5214	1.5214	0.298978	0.599161	-1.669	0.00766087	0.19575	-5.10855	0.0996913	0.423784	-2.35969	0.00293726	0.143167	-6.98485	0.0855678	0.404847	-2.47007	0.141643	0.471437	-2.12117	4.0595	14.5568	3.18743	1
cg22678708	RNF150	0.0419598	0.0414321	1.6941	1.6941	0.142608	1.42368	1.42368	0.507582	1.16263	1.16263	0.1881	0.73152	-1.36702	0.0529696	1.63715	1.63715	0.0643954	0.627667	-1.5932	0.635272	1.11305	1.11305	0.0259653	0.552968	-1.80842	0.394822	0.822549	-1.21573	3.61861	2.87945	0.70732	1
cg09977446	RNF150	0.0437481	0.319045	0.792016	-1.2626	0.0600896	1.61646	1.61646	0.304737	1.27209	1.27209	0.148553	0.704081	-1.42029	0.181659	1.37857	1.37857	0.0625808	0.622186	-1.60724	0.0379367	0.579885	-1.72448	0.098796	1.50657	1.50657	0.134641	1.44085	1.44085	3.56289	2.89316	0.721802	1
cg18120376	RNF150;RNF150	0.0152991	0.752115	1.04877	1.04877	0.445097	1.1241	1.1241	0.68865	0.941263	-1.0624	0.0753337	0.742619	-1.34659	0.0246508	0.668902	-1.49499	0.00216497	0.523673	-1.90959	0.0201566	0.656283	-1.52373	0.432752	1.12785	1.12785	0.073136	1.35033	1.35033	5.14696	1.84109	0.31796	1
cg20599022	RNF150;RNF150	0.0434821	0.556684	1.73175	1.73175	0.0611657	7.02121	7.02121	0.148023	4.19331	4.19331	0.00216776	0.0187744	-53.2641	0.576511	1.68403	1.68403	0.560563	1.72223	1.72223	0.447846	0.489405	-2.0433	0.791273	1.27765	1.27765	0.688912	1.45024	1.45024	3.571	48.2589	12.0125	1
cg10180052	RNF151	8.63E-06	0.0303475	0.668406	-1.4961	3.84E-06	5.50039	5.50039	0.000377989	2.45722	2.45722	0.000316579	2.5175	2.5175	0.000163782	0.36156	-2.76579	0.0281239	0.663396	-1.5074	8.18E-06	4.67181	4.67181	0.000841806	2.21377	2.21377	0.939759	1.01203	1.01203	42.145	16.7174	0.35259	1
cg10413476	RNF151	0.00363213	0.000745405	0.214322	-4.66589	0.293738	0.72055	-1.38783	0.313925	0.730953	-1.36808	0.0284605	0.459274	-2.17735	0.000729658	0.21322	-4.68999	0.0998307	1.72064	1.72064	0.0419058	0.493816	-2.02505	0.608585	1.16816	1.16816	0.0150365	0.406826	-2.45805	8.08358	11.5937	1.27487	1
cg21459532	RNF152	0.000253295	0.00488463	2.66193	2.66193	0.000450999	4.26969	4.26969	0.780602	0.92934	-1.07603	0.0372386	0.530141	-1.88629	3.28E-05	0.120395	-8.30598	0.727506	1.09615	1.09615	0.107122	1.5866	1.5866	0.0274291	1.98308	1.98308	0.0403015	0.537022	-1.86212	17.2284	18.7932	0.969624	1
cg14360865	RNF152	0.00402264	0.0530059	0.558781	-1.78961	0.548558	0.851566	-1.17431	0.143856	1.51535	1.51535	0.000367759	0.22094	-4.52611	0.0233497	0.488098	-2.04877	0.0710081	0.586336	-1.70551	0.0829505	0.601605	-1.66222	0.542202	1.17739	1.17739	0.0132912	2.25242	2.25242	7.83914	8.69818	0.986296	1
cg19423014	RNF152;RNF152	0.00570456	0.929046	0.97767	-1.02284	0.000403739	4.16277	4.16277	0.827359	0.946124	-1.05694	0.217496	0.719661	-1.38954	0.0521502	0.571152	-1.75085	0.766568	1.07841	1.07841	0.100124	0.633302	-1.57903	0.0075726	0.418514	-2.38941	0.283568	0.753901	-1.32643	7.048	7.1768	0.905133	1
cg18961773	RNF157	5.93E-05	0.0616174	1.35052	1.35052	0.574192	0.922163	-1.08441	0.0109398	0.633916	-1.57749	0.324312	1.15637	1.15637	1.75E-06	0.181756	-5.50187	0.154908	0.804701	-1.2427	0.000677864	2.09904	2.09904	0.027425	1.45117	1.45117	0.166354	0.810065	-1.23447	25.4458	8.21024	0.286805	1
cg13119097	RNF157	0.00102258	0.000266964	0.295219	-3.38732	0.0164045	0.589407	-1.69662	0.0123394	0.56793	-1.76078	0.0016392	2.38104	2.38104	0.0161391	0.588172	-1.70018	0.00745512	0.530322	-1.88565	0.000816533	0.370837	-2.6966	0.945345	0.988616	-1.01151	0.0109333	0.558857	-1.78937	18.5401	7.79753	0.280384	1
cg25673720	RNF157	0.00395287	0.0335763	0.382338	-2.61548	0.0389215	0.396195	-2.52401	0.0119948	0.297086	-3.36603	0.019564	0.335332	-2.98212	0.00455435	0.231456	-4.32048	0.0148136	0.313124	-3.19362	0.000177992	0.0854667	-11.7005	0.404992	0.718942	-1.39093	0.0152666	0.315469	-3.16988	7.88059	18.7201	2.11152	1
cg15713739	RNF157	0.00577453	0.376796	1.31711	1.31711	0.112346	1.69046	1.69046	0.0245693	2.25524	2.25524	0.27115	1.41614	1.41614	0.0316591	0.465291	-2.14919	0.143968	1.61085	1.61085	0.00132136	4.13226	4.13226	0.00176762	3.86712	3.86712	0.0229558	2.28466	2.28466	7.0216	10.2573	1.29851	1
cg14289093	RNF157	0.00914588	0.467484	0.850647	-1.17558	0.0349562	0.584104	-1.71203	0.745392	0.931193	-1.07389	0.309465	1.25875	1.25875	0.00637433	0.459892	-2.17442	0.161117	1.38745	1.38745	0.00253847	0.399886	-2.50071	0.58913	0.887539	-1.12671	0.00365738	0.423176	-2.36308	6.08125	4.61053	0.673916	1
cg18272307	RNF157	0.0171143	0.0287379	0.315026	-3.17434	0.00494617	0.188883	-5.29427	0.00589396	0.199224	-5.01946	0.53743	0.756075	-1.32262	0.0159281	0.266661	-3.75007	0.173727	0.523057	-1.91184	0.00470238	0.18598	-5.37692	0.681729	0.831402	-1.20279	0.137714	0.48882	-2.04574	4.95836	15.7454	2.82269	1
cg26664090	RNF157	0.0185337	0.104508	1.95709	1.95709	0.711356	1.1489	1.1489	0.564839	1.24302	1.24302	0.240766	0.6303	-1.58655	0.61012	0.82517	-1.21187	?	?	?	0.0246725	0.358262	-2.79125	0.299069	1.49761	1.49761	0.00144127	0.160882	-6.21574	5.47955	10.5175	1.67949	1
cg02413097	RNF157	0.0282349	0.0567277	0.316326	-3.16129	0.0868241	0.364467	-2.74374	0.0209162	0.226921	-4.40681	0.391055	0.625622	-1.59841	0.0134877	0.195499	-5.11511	0.0256999	0.24316	-4.11252	0.0171648	0.212257	-4.71127	0.22269	1.98153	1.98153	0.0448708	0.292676	-3.41674	4.17547	18.8352	4.00971	1
cg14182461	RNF157;FOXJ1	0.00157742	0.00429451	0.479356	-2.08613	0.000488471	0.349222	-2.86351	0.000899914	0.384159	-2.60309	0.714334	0.931663	-1.07335	0.00283612	0.453246	-2.20631	0.000770946	0.375194	-2.66529	0.00562243	0.496658	-2.01346	0.0396193	0.632443	-1.58117	0.10089	0.707551	-1.41333	10.3287	6.0643	0.521894	1
cg02214632	RNF160	6.60E-05	7.32E-06	0.170642	-5.86023	0.00410561	0.502257	-1.99101	0.000777475	0.402737	-2.48301	0.00298222	0.482526	-2.07243	0.161785	0.765504	-1.30633	0.000478676	0.375182	-2.66537	1.21E-05	0.191417	-5.2242	0.00229597	0.466609	-2.14312	0.000493585	0.376905	-2.65319	24.7296	12.53	0.450383	1
cg04873026	RNF160	0.00147409	0.73692	0.971984	-1.02882	0.0870919	1.17261	1.17261	0.24134	0.901797	-1.1089	0.0187646	0.786626	-1.27125	0.0104939	1.31185	1.31185	0.251079	0.903873	-1.10635	0.00100071	0.662483	-1.50947	0.865086	0.98577	-1.01444	0.000425501	1.60044	1.60044	10.5323	1.18484	0.0999963	1
cg08249556	RNF160	0.00296298	0.0190716	0.717746	-1.39325	0.382104	1.11045	1.11045	0.008489	1.48094	1.48094	0.194809	0.851895	-1.17385	0.00678465	0.663605	-1.50692	0.544275	1.07437	1.07437	0.00259692	0.614018	-1.62862	0.018848	1.39447	1.39447	0.0442486	1.3101	1.3101	8.58975	1.85849	0.192321	1
cg03062454	RNF160	0.0113481	0.00417615	0.187975	-5.31986	0.957009	0.976798	-1.02375	0.262722	0.601403	-1.66278	0.566408	0.776952	-1.28708	0.583368	0.785682	-1.27278	0.000403311	0.0863211	-11.5847	0.744921	1.15276	1.15276	0.289444	0.619513	-1.61417	0.0345392	0.341847	-2.92528	5.6752	17.0442	2.66958	1
cg17756483	RNF160	0.0177219	0.0219816	0.263097	-3.80088	0.00206647	0.121458	-8.23329	0.0908382	0.40445	-2.47249	0.395581	0.65522	-1.52621	0.051876	0.341302	-2.92995	0.0624698	0.361	-2.77008	0.00739979	0.186979	-5.34819	0.0111092	0.212872	-4.69766	0.0629025	0.361754	-2.76431	4.90071	18.3279	3.32431	1
cg00065302	RNF160	0.0416957	0.0449969	0.348192	-2.87198	0.0178541	0.26703	-3.74489	0.0785385	0.408159	-2.45003	0.318209	0.623058	-1.60499	0.0145742	0.251645	-3.97386	0.0378328	0.331406	-3.01745	0.029959	0.310032	-3.22547	0.0162365	0.259735	-3.85008	0.0901373	0.424638	-2.35495	3.62709	12.081	2.96069	1
cg06687091	RNF165	0.000152096	0.0846476	0.779658	-1.28261	0.293284	0.867377	-1.1529	0.00054621	0.496087	-2.01578	0.0494202	1.33996	1.33996	8.70E-06	0.28342	-3.52833	0.147619	0.816474	-1.22478	0.708803	0.952218	-1.05018	7.27E-05	0.389705	-2.56604	0.4166	0.897312	-1.11444	19.7828	5.33657	0.239785	1
cg15142477	RNF165	0.00609729	0.0347641	0.421197	-2.37419	0.0980016	0.528486	-1.8922	0.100384	1.88215	1.88215	0.212448	0.630382	-1.58634	0.0513162	0.458573	-2.18068	0.179807	0.6062	-1.64962	0.000157751	0.103214	-9.68861	0.0608599	0.475969	-2.10098	0.222902	0.637625	-1.56832	6.90477	13.5001	1.73795	1
cg26197699	RNF165	0.010811	0.000140799	0.02752	-36.3373	0.304204	0.558859	-1.78936	0.732132	1.20669	1.20669	0.771652	0.852893	-1.17248	0.660884	0.785535	-1.27302	0.406745	0.628711	-1.59055	0.0527635	0.300024	-3.33307	0.649693	1.28407	1.28407	0.458284	0.66168	-1.5113	5.76459	27.2984	4.20936	1
cg11913496	RNF165;RNF165	0.0225442	0.122412	1.24246	1.24246	0.247045	1.16996	1.16996	0.0149062	1.47447	1.47447	0.698289	0.95074	-1.05181	0.161576	0.823776	-1.21392	0.271038	0.861908	-1.16022	0.00271816	0.584547	-1.71073	0.549966	0.924557	-1.0816	0.790412	1.03515	1.03515	4.51588	1.20283	0.236761	1
cg16789707	RNF166	0.000201827	8.01E-05	0.145108	-6.89142	4.27E-05	0.121483	-8.23162	0.00318061	0.335591	-2.97982	0.00395634	0.349781	-2.85893	0.00019514	0.182985	-5.46492	0.00447709	0.357978	-2.79347	0.000331091	0.20792	-4.80954	0.0316672	0.505236	-1.97927	0.00234278	0.316294	-3.16162	18.3259	21.32	1.03411	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01768840	RNF166	0.000652244	0.0187308	0.437039	-2.28812	0.000844773	0.232654	-4.29822	0.0330232	0.484657	-2.06332	0.0298151	0.475763	-2.10189	0.000128382	0.144478	-6.92149
cg24071064	RNF166	0.000948173	0.000316866	0.312249	-3.20257	0.000646394	0.351947	-2.84134	0.0366363	1.62342	1.62342	0.662278	0.916039	-1.09166	0.711634	1.0769	1.0769
cg04831783	RNF166	0.00100997	0.0010287	0.37769	-2.64768	0.0586699	1.53345	1.53345	0.00058024	0.344647	-2.90152	0.000501361	0.336414	-2.97253	0.988539	0.997129	-1.00288
cg27464157	RNF166	0.00327679	0.21693	0.850221	-1.17617	0.325332	1.13524	1.13524	0.0190928	0.701671	-1.42517	0.709849	0.954396	-1.04778	0.00817375	0.655261	-1.52611
cg02224002	RNF166	0.00428285	0.0386561	0.607072	-1.64725	0.00361182	0.440007	-2.27269	0.323966	0.808725	-1.23651	0.00027338	0.28861	-3.46488	0.0489272	0.625874	-1.59776
cg03776194	RNF166	0.00745722	0.278029	0.731651	-1.36677	0.0932634	0.599653	-1.66763	0.1826	0.675853	-1.47961	0.39299	0.784757	-1.27428	8.78E-05	0.142688	-7.00832
cg08441633	RNF166	0.0159536	0.415427	0.95559	-1.04647	0.0135611	0.846445	-1.18141	0.483166	1.03966	1.03966	0.00571605	0.820574	-1.21866	0.68122	1.0228	1.0228
cg03125124	RNF166	0.0210001	0.0281223	0.5535	-1.80669	0.000671265	0.305215	-3.27638	0.798742	0.943387	-1.06001	0.374785	0.812378	-1.23095	0.70101	0.915762	-1.09199
cg07549381	RNF166	0.026962	0.399748	1.33814	1.33814	0.735564	1.12136	1.12136	0.0411848	0.45116	-2.21651	0.785316	0.911866	-1.09665	0.00328793	0.258368	-3.87045
cg08873779	RNF166;CTU2;CTU2	0.019087	0.174924	0.816395	-1.2249	0.0730736	1.32455	1.32455	0.0180819	1.49735	1.49735	0.606554	1.07577	1.07577	0.00322945	0.568407	-1.7593
cg12505390	RNF167	0.00162167	0.0127816	0.587073	-1.70337	0.0836658	0.719163	-1.39051	0.16268	1.29259	1.29259	0.00591483	0.537934	-1.85896	0.00137153	0.449509	-2.22465
cg14514949	RNF168	0.000977829	0.0514011	0.672604	-1.48676	0.0130833	0.576727	-1.73392	0.00272572	0.477121	-2.0959	0.123962	1.34703	1.34703	0.000640452	0.391738	-2.55272
cg04798676	RNF168	0.00372093	0.000688102	0.100645	-9.93591	0.324226	1.56996	1.56996	0.0374566	2.91452	2.91452	0.0129863	0.255187	-3.9187	0.224826	0.568453	-1.75916
cg02647990	RNF168	0.00805698	0.0330039	0.768774	-1.30077	0.28804	0.890179	-1.12337	0.756537	0.967733	-1.03334	0.407397	0.914497	-1.0935	0.111455	0.832894	-1.20063
cg07585136	RNF168	0.0132051	0.605154	1.0735	1.0735	0.0080361	1.58692	1.58692	0.411573	1.12095	1.12095	0.00277061	1.75271	1.75271	0.479256	1.10275	1.10275
cg01550828	RNF168	0.0309675	0.0996081	0.45559	-2.19495	0.970111	0.983812	-1.01645	0.135844	0.496528	-2.01398	0.866741	1.0759	1.0759	0.0664067	0.407895	-2.45161
cg12368897	RNF168	0.032473	0.918007	1.0195	1.0195	0.00801859	1.89088	1.89088	0.152988	1.3324	1.3324	0.0414262	1.55428	1.55428	0.618696	1.09865	1.09865
cg02141716	RNF169	4.17E-05	0.11034	0.694009	-1.4409	0.000728413	0.340166	-2.93974	0.172687	0.73739	-1.35614	0.3517	1.22285	1.22285	6.01E-07	0.0560545	-17.8398
cg11936121	RNF169	0.000142453	0.0163896	0.434754	-2.30015	0.0234625	0.463689	-2.15662	0.0371551	1.98772	1.98772	?	?	?	0.0198892	0.45018	-2.22133
cg02400751	RNF169	0.00246224	0.8423	1.03402	1.03402	0.1211	1.32622	1.32622	0.112679	1.33648	1.33648	0.0389591	0.669349	-1.49399	0.938128	0.987045	-1.01313
ch.11.1613249	RNF169	0.00665253	0.00416022	0.610358	-1.63838	0.147535	0.818939	-1.22109	0.173039	0.829969	-1.20486	0.000943237	0.5305	-1.88501	0.0134823	0.67493	-1.48164
cg02673002	RNF169	0.0420346	0.217319	1.46633	1.46633	0.0303144	2.25266	2.25266	0.272546	1.39701	1.39701	0.00417441	3.86127	3.86127	0.794276	0.928102	-1.07747
cg23678722	RNF17	0.000298122	0.00384804	0.461436	-2.16715	0.00837593	1.95199	1.95199	0.000174687	0.282378	-3.54135	0.00146672	0.401743	-2.48915	0.0002453	0.300254	-3.33051
cg20477497	RNF17	0.000338257	0.523577	1.08406	1.08406	0.148887	1.21325	1.21325	0.0183405	0.699496	-1.4296	0.629497	0.941105	-1.06258	0.120913	0.810575	-1.23369
cg14855529	RNF17	0.000741615	0.00283633	0.350945	-2.84945	0.0134586	2.18054	2.18054	0.426676	0.813188	-1.22973	0.00550524	0.394656	-2.53385	0.000117178	0.179268	-5.57823
cg24753530	RNF17	0.00287386	0.364937	1.16866	1.16866	0.000319581	2.65203	2.65203	0.896505	0.978448	-1.02203	0.95311	0.990203	-1.00989	0.397103	0.864877	-1.15623
cg10379992	RNF17	0.00465113	0.401304	0.779569	-1.28276	0.00532105	0.344909	-2.89932	7.76E-05	0.12574	-7.95295	0.27585	0.719941	-1.389	0.22942	0.6938	-1.44134
cg15523998	RNF17	0.0310415	0.586746	0.926565	-1.07925	0.0983722	0.777318	-1.28647	0.795851	1.03669	1.03669	0.164777	0.813873	-1.22869	0.575525	0.924395	-1.08179
cg21831927	RNF17	0.0393004	0.706096	0.904182	-1.10597	0.0358028	0.522351	-1.91442	0.00870568	0.411139	-2.43227	0.76943	0.924828	-1.08128	0.0715479	1.70744	1.70744
cg01486610	RNF170;RNF170;RNF170;RNF170;RNF170;RNF170	0.0158751	0.0324105	0.353168	-2.83151	0.0519173	0.398878	-2.50704	0.219879	0.585032	-1.70931	0.565961	1.27268	1.27268	0.356774	0.674442	-1.48271
cg10279832	RNF175	0.0146761	0.0143901	0.725882	-1.37763	0.973308	1.00356	1.00356	0.194425	1.15694	1.15694	0.205463	0.867749	-1.15241	0.0294005	0.761525	-1.31315
cg08553868	RNF175	0.023824	0.724493	0.96094	-1.04065	0.270486	1.1379	1.1379	0.18542	1.17129	1.17129	0.00225642	1.6181	1.6181	0.00912253	1.45199	1.45199
cg09973105	RNF175	0.0270215	0.0807524	0.488649	-2.04646	0.00842114	0.288156	-3.47034	0.420834	0.737796	-1.35539	0.500807	0.776721	-1.28746	0.0425883	0.421769	-2.37096
cg18355902	RNF175;RNF175	0.0101309	0.0017859	0.505177	-1.97951	0.773338	1.04535	1.04535	0.351153	0.86296	-1.1588	0.143724	0.785617	-1.27288	0.00182463	0.506409	-1.97469
cg16485558	RNF180;RNF180	0.000437707	0.364435	1.44085	1.44085	0.0350266	2.61844	2.61844	0.0107852	3.50855	3.50855	0.671754	1.1818	1.1818	0.116218	0.512218	-1.95229
cg09839635	RNF180;RNF180	0.0104524	0.992244	1.00577	1.00577	0.236672	2.08341	2.08341	0.188834	2.27996	2.27996	0.725063	1.2325	1.2325	0.545168	1.43692	1.43692
cg25342675	RNF180;RNF180	0.0337285	0.336954	0.818899	-1.22115	0.169477	0.744253	-1.34363	0.663004	0.915312	-1.09252	0.629702	1.10301	1.10301	0.173657	1.33929	1.33929
cg06684939	RNF181	0.00376015	0.0133071	0.781069	-1.2803	0.140096	0.879951	-1.13643	0.00453583	0.737388	-1.35614	0.00178286	0.698885	-1.43085	0.251963	0.908087	-1.10122
cg08550242	RNF181	0.00376695	0.229899	0.880665	-1.13551	0.0475859	0.795672	-1.2568	0.000493972	1.7337	1.7337	0.0901121	1.20735	1.20735	0.139236	0.851687	-1.17414
cg21682942	RNF181	0.00512058	0.742039	1.04689	1.04689	0.0368659	1.39985	1.39985	0.0336871	1.41079	1.41079	0.00308909	1.75383	1.75383	0.523452	0.914192	-1.09386
cg23782719	RNF182;RNF182;RNF182;RNF182	1.07E-08	3.57E-08	0.219192	-4.56222	5.10E-07	0.339759	-2.94326	0.742854	0.974975	-1.02567	0.0292113	0.820534	-1.21872	2.55E-10	0.0588791	-16.9839
cg11086466	RNF182;RNF182;RNF182;RNF182	0.00884637	0.0708192	0.667724	-1.49762	0.00147645	0.399351	-2.50406	0.00785665	0.505389	-1.97868	0.116088	1.40734	1.40734	0.0433662	1.59181	1.59181
cg18860301	RNF182;RNF182;RNF182;RNF182	0.0191865	0.829478	0.948823	-1.05394	0.40862	0.813953	-1.22857	0.265722	0.753911	-1.32642	0.450062	1.20618	1.20618	0.00128886	0.319025	-3.13455
cg10143060	RNF182;RNF182;RNF182;RNF182;RNF182	0.0448684	0.0631627	0.588739	-1.69855	0.0176462	0.481061	-2.07874	0.0139115	0.4629	-2.16029	0.578238	0.867302	-1.153	0.365038	0.78983	-1.26609
cg14186558	RNF183	0.00262406	0.0239216	0.293997	-3.4014	0.000645347	0.0927146	-10.7858	0.015727	0.260599	-3.83731	0.212517	0.55071	-1.81584	0.000545118	0.0870708	-11.4849
cg08006727	RNF183	0.00478014	0.0166855	0.315902	-3.16554	0.0493431	0.412887	-2.42197	0.000689562	0.129636	-7.71389	0.00516075	0.233107	-4.28988	0.140619	0.535254	-1.86827
cg13902067	RNF183	0.00699746	0.0180268	0.304725	-3.28164	0.373871	0.685544	-1.4587	0.0160296	0.295456	-3.3846	0.0421718	0.379778	-2.63312	0.00167356	0.155869	-6.41564
cg03423957	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.000718456	0.00109039	0.139648	-7.16085	0.290676	0.638934	-1.56511	0.0103166	0.267072	-3.74431	0.0210827	0.321989	-3.1057	0.0478215	0.39679	-2.52022
cg25492985	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.00433347	0.0137639	0.652691	-1.53212	0.000443127	0.459801	-2.17485	0.0150932	0.658116	-1.51949	0.349886	0.87388	-1.14432	0.00165466	0.532169	-1.8791
cg12504284	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.00875276	0.0426146	0.525683	-1.90229	0.0262612	0.483756	-2.06716	0.933829	1.02314	1.02314	0.0173995	0.450369	-2.2204	0.000248994	0.189093	-5.28841
cg00478049	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.00887152	0.00236623	0.562722	-1.77708	0.7694	0.960919	-1.04067	0.0158951	0.669999	-1.49254	0.209497	0.835796	-1.19646	0.619078	0.934292	-1.07033
cg24245352	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.0190467	0.050274	0.388561	-2.5736	0.177645	1.83461	1.83461	0.510048	0.753481	-1.32717	0.249652	0.600719	-1.66467	0.000616477	0.107191	-9.32914
cg19193873	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.0315584	0.529321	0.933548	-1.07118	0.00815994	0.693968	-1.44099	0.485049	1.07956	1.07956	0.597156	0.944075	-1.05924	0.16541	0.852449	-1.17309
cg11571442	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.044317	0.0495304	0.489734	-2.04193	0.00185586	0.244818	-4.08467	0.143774	0.606302	-1.64934	0.50783	0.807326	-1.23866	0.562382	0.829782	-1.20514
cg17589449	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.0481493	0.0906074	0.372663	-2.68339	0.0497706	0.305806	-3.27005	0.317851	0.578902	-1.72741	0.0740746	0.348591	-2.86869	0.0563661	0.318577	-3.13895
cg16976047	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.0019483	0.0903715	0.694123	-1.44067	0.000236635	0.196223	-5.09623	0.807143	0.956128	-1.04589	0.0075357	2.1252	2.1252	0.0066387	0.459568	-2.17596
cg16021223	RNF186	3.18E-05	0.00022466	2.34215	2.34215	1.37E-06	0.180785	-5.53143	0.00697444	0.616379	-1.62238	0.000540727	0.47431	-2.10832	0.588681	1.07864	1.07864
cg15505276	RNF186	0.00257503	0.00350015	0.351716	-2.8432	0.00990331	0.42335	-2.36211	0.00262353	0.33326	-3.00066	0.812668	1.06463	1.06463	0.000938142	0.271962	-3.67699
cg17135423	RNF186	0.00272113	0.0307207	0.390647	-2.55985	0.0253046	0.373484	-2.67749	0.129686	0.545365	-1.83363	0.00766752	0.281059	-3.55798	0.000381358	0.122321	-8.17518
cg09195271	RNF186	0.00391646	0.00667735	0.360731	-2.77215	0.64363	1.14452	1.14452	0.192714	0.670694	-1.49099	0.182438	0.663661	-1.50679	0.000428445	0.198877	-5.02823
cg13843611	RNF186	0.0309286	0.123541	1.50882	1.50882	0.982973	1.00528	1.00528	0.425942	1.22197	1.22197	0.122175	1.51146	1.51146	0.014129	0.473896	-2.11017
cg04570265	RNF187	0.0020086	0.873467	0.968919	-1.03208	0.00309777	0.448515	-2.22958	0.000683496	0.357776	-2.79504	0.332823	0.820438	-1.21886	0.000460986	0.335511	-2.98053
cg01806258	RNF187	0.00453788	0.476153	0.841878	-1.18782	0.0262697	1.87046	1.87046	0.0584082	0.601673	-1.66203	0.943933	1.01685	1.01685	9.28E-05	0.190711	-5.24354
cg11177107	RNF187	0.036425	0.559598	1.07456	1.07456	0.0119396	1.46576	1.46576	0.1517	1.20589	1.20589	0.473573	1.09291	1.09291	0.00671256	1.53499	1.53499
cg27485194	RNF19A	6.52E-05	0.0550938	0.767278	-1.30331	0.398039	0.899965	-1.11115	0.0872681	0.794555	-1.25857	0.0157853	0.697498	-1.4337	6.88E-07	0.193419	-5.17013
cg01756700	RNF19A	0.00238482	0.00192365	0.156979	-6.37027	0.00730877	0.232569	-4.29981	0.0203769	0.307622	-3.25074	0.3222	0.649699	-1.53917	0.00604385	0.220419	-4.53682
cg18322772	RNF19A	0.0258183	0.293712	0.78079	-1.28075	0.231088	1.33029	1.33029	0.0534478	1.64605	1.64605	0.685414	0.911627	-1.09694	0.471933	0.846846	-1.18085
cg14358709	RNF19A	0.043243	0.415456	1.164	1.164	0.186442	1.29117	1.29117	0.0473289	1.51288	1.51288	0.542009	1.11921	1.11921	0.0913156	1.40394	1.40394
cg11906718	RNF19A	0.0465749	0.574599	1.07567	1.07567	0.0382386	1.36196	1.36196	0.380747	1.1226	1.1226	0.31851	1.14181	1.14181	0.06887	0.769593	-1.29939
cg23938834	RNF19A;RNF19A	0.000477603	0.0257534	0.591546	-1.69049	0.10625	0.704888	-1.41866	0.608396	0.902622	-1.10788	0.0646048	1.50912	1.50912	0.000134913	0.269645	-3.70858
cg03636234	RNF19A;RNF19A	0.0060669	0.102185	2.05973	2.05973	0.000685571	8.12445	8.12445	0.0109161	3.63535	3.63535	0.0058492	4.2955	4.2955	0.665696	0.838951	-1.19197
cg02513874	RNF19A;RNF19A	0.0085276	0.831768	0.957993	-1.04385	0.33666	1.22121	1.22121	0.851319	1.03858	1.03858	0.349073	0.823277	-1.21466	0.0407998	0.621042	-1.6102
cg16983422	RNF19A;RNF19A	0.0215041	0.362005	0.917011	-1.0905	0.0091482	1.35812	1.35812	0.0334193	1.25837	1.25837	0.0642052	0.825061	-1.21203	0.413529	0.925616	-1.08036
cg10014674	RNF19B;RNF19B	0.00058586	0.788671	0.982978	-1.01732	0.0858381	0.885754	-1.12898	0.0349303	0.85464	-1.17008	0.0176538	0.831557	-1.20256	0.0922891	1.1257	1.1257
cg26406441	RNF19B;RNF19B	0.00324045	0.00517047	0.557892	-1.79246	0.251398	1.20856	1.20856	0.00102071	0.463066	-2.15952	0.135283	1.28981	1.28981	0.424161	0.878946	-1.13773
cg02901408	RNF2	0.00836284	0.877856	0.979446	-1.02099	0.770425	1.04031	1.04031	0.351559	1.13822	1.13822	0.550665	0.921702	-1.08495	0.792772	0.96507	-1.03619
cg26542888	RNF2	0.0173552	0.984711	0.991595	-1.00848	0.0141692	3.79348	3.79348	0.542811	1.31174	1.31174	0.0828477	2.3304	2.3304	0.0166473	0.275844	-3.62524
cg18201392	RNF2	0.0252503	0.0164002	0.673689	-1.48436	0.0317707	0.712528	-1.40345	0.0911	1.2848	1.2848	0.0466448	0.735814	-1.35904	0.00722964	0.627048	-1.59477
cg14625770	RNF20	0.00141965	0.248792	0.689407	-1.45052	0.00331305	0.291117	-3.43505	0.236494	0.682028	-1.46621	0.0856498	0.556485	-1.79699	6.42E-05	0.10364	-9.64882
cg04845236	RNF20	0.0211812	0.0489989	0.341993	-2.92404	0.0780459	0.392709	-2.54642	0.0185774	0.25603	-3.9058	0.95487	0.973345	-1.02738	0.00461014	0.16533	-6.04849
cg13996144	RNF20	0.0267484	0.372338	0.885624	-1.12915	0.451108	0.903189	-1.10719	0.0595741	1.32574	1.32574	0.222198	0.843551	-1.18547	0.00443457	0.604393	-1.65455
cg21239184	RNF20	0.0489359	0.274086	0.534097	-1.87232	0.348321	1.70253	1.70253	0.548426	1.39745	1.39745	0.150886	2.33581	2.33581	0.447631	0.652782	-1.5319
cg12911256	RNF207	0.00358929	0.140327	3.17475	3.17475	0.00310282	19.0386	19.0386	0.0303355	6.38499	6.38499	0.0138863	9.14808	9.14808	0.0242072	0.141308	-7.07675
cg26611832	RNF207	0.0068547	0.0170994	0.468654	-2.13377	0.405752	1.2483	1.2483	0.0501848	0.558681	-1.78993	0.0742412	1.67978	1.67978	0.0314668	0.517964	-1.93064
cg17515966	RNF207	0.00723683	0.829501	0.881127	-1.13491	0.00653215	7.95482	7.95482	0.0724472	3.24229	3.24229	0.0799134	3.12779	3.12779	0.0819862	0.322735	-3.09852
cg01373911	RNF207	0.0198443	0.540576	1.09634	1.09634	0.969927	1.00561	1.00561	0.000620069	2.18582	2.18582	0.0307416	1.45751	1.45751	0.43627	0.888774	-1.12515
cg24870568	RNF207	0.021455	0.112365	4.43854	4.43854	0.0063326	21.4295	21.4295	0.0561978	6.45255	6.45255	0.0387665	7.87201	7.87201	0.259302	0.362531	-2.75839
cg11764177	RNF207	0.0223815	0.856179	0.911424	-1.09718	0.0165829	4.46349	4.46349	0.224634	1.9195	1.9195	0.0570757	3.00593	3.00593	0.32452	1.68225	1.68225
cg15584788	RNF207	0.0226189	0.87805	1.09123	1.09123	0.0535535	3.47822	3.47822	0.0398042	3.86239	3.86239	0.0361807	3.99495	3.99495	0.0576298	0.29505	-3.38926
cg18235937	RNF207	0.0251939	0.645939	1.2474	1.2474	0.661588	0.810187	-1.23428	0.30112	1.66863	1.66863	0.000757767	11.47	11.47	0.902474	0.9431	-1.06033
cg19180828	RNF207	0.0266058	0.843616	1.09482	1.09482	0.0321467	3.16152	3.16152	0.0675564	2.55822	2.55822	0.11015	2.2224	2.2224	0.0238508	0.29034	-3.44424
cg21210232	RNF207	0.0360093	0.126369	2.13555	2.13555	0.127875	2.12812	2.12812	0.388181	1.50047	1.50047	0.0034517	6.18392	6.18392	0.414142	0.681802	-1.4667
cg03716999	RNF207	0.038683	0.204252	3.68983	3.68983	0.0428496	9.69338	9.69338	0.162548	4.27548	4.27548	0.0961359	5.93334	5.93334	0.0723132	0.141643	-7.05999
cg14199276	RNF208	0.000347142	0.125106	1.34516	1.34516	0.076697	0.703521	-1.42142	0.00641263	1.88399	1.88399	1.21E-05	5.20929	5.20929	0.662884	0.924645	-1.0815
cg13825574	RNF208	0.000454766	0.9201	1.04661	1.04661	0.000865219	9.68001	9.68001	0.00172635	7.61339	7.61339	2.32E-05	46.5409	46.5409	0.249495	0.579002	-1.72711
cg05433911	RNF208	0.00477554	0.675663	1.06433	1.06433	0.00273979	1.84519	1.84519	0.000129237	2.6794	2.6794	0.0824075	1.32983	1.32983	0.115619	1.28842	1.28842
cg22425466	RNF208	0.0423322	0.0411335	2.30062	2.30062	0.639485	0.84635	-1.18154	0.203507	1.60737	1.60737	0.025459	2.55734	2.55734	0.3325	1.42404	1.42404
cg24939846	RNF212;RNF212	1.26E-05	0.871443	1.01993	1.01993	0.157331	0.83173	-1.20231	2.56E-05	0.361686	-2.76483	3.04E-05	0.370312	-2.70043	2.84E-07	0.158405	-6.31291
cg26855280	RNF212;RNF212	0.000116433	0.922684	1.00948	1.00948	0.286363	1.11361	1.11361	0.0229221	0.767585	-1.30279	0.261844	0.892506	-1.12044	1.73E-06	0.312754	-3.1974
cg11579758	RNF212;RNF212	0.00028696	0.463575	0.874873	-1.14302	0.586413	0.90626	-1.10344	0.166181	1.30284	1.30284	0.207291	1.26906	1.26906	6.59E-05	0.269385	-3.71216
cg01506678	RNF212;RNF212	0.00249807	0.00447896	0.341745	-2.92616	0.872292	0.955449	-1.04663	0.635465	0.873468	-1.14486	0.00637258	2.73411	2.73411	0.000458653	0.209535	-4.77248
cg04790147	RNF212;RNF212	0.00627156	0.911435	0.960646	-1.04097	0.660182	1.1731	1.1731	0.390018	0.727716	-1.37416	0.656699	1.17518	1.17518	0.00106009	0.17433	-5.73624
cg06173470	RNF212;RNF212	0.00885995	0.343412	0.811744	-1.23192	0.00118796	2.76123	2.76123	0.0169016	0.536486	-1.86398	0.648528	0.906591	-1.10303	0.0294761	0.578185	-1.72955
cg05924254	RNF212;RNF212	0.00908781	0.0196934	3.52404	3.52404	0.0106318	4.20498	4.20498	0.36468	1.51662	1.51662	0.432872	1.43027	1.43027	0.582431	1.28183	1.28183
cg21126229	RNF212;RNF212	0.0115558	0.134513	1.37827	1.37827	0.00588278	2.04751	2.04751	0.766861	1.0609	1.0609	0.372665	0.833623	-1.19958	0.00489305	0.476395	-2.0991
cg01868379	RNF212;RNF212	0.0127043	0.325975	0.857483	-1.1662	0.415684	0.881505	-1.13442	0.000547537	0.443075	-2.25695	0.180675	0.806142	-1.24048	0.417975	0.882075	-1.13369
cg11118359	RNF212;RNF212	0.0190152	0.0961869	1.95248	1.95248	0.00142714	5.41778	5.41778	0.0680504	2.11369	2.11369	0.356504	1.4153	1.4153	0.680014	0.859076	-1.16404
cg26087408	RNF212;RNF212	0.0206234	0.219305	0.739688	-1.35192	0.529959	1.16011	1.16011	0.110641	0.66647	-1.50044	0.230892	1.34092	1.34092	0.00294299	0.385515	-2.59393
cg11977605	RNF212;RNF212	0.0440202	0.00687859	0.154126	-6.48818	0.435671	0.653765	-1.5296	0.12712	0.414083	-2.41497	0.104048	0.386831	-2.58511	0.0177481	0.214237	-4.66773
cg23462514	RNF212;RNF212	0.0447541	0.0290887	9.60919	9.60919	0.0123529	15.4922	15.4922	0.152613	3.84884	3.84884	0.281447	2.67721	2.67721	0.117196	4.46873	4.46873
cg12414557	RNF212;RNF212;RNF212;RNF212	7.83E-05	3.12E-05	15.4099	15.4099	0.000159146	7.78833	7.78833	0.0179393	2.20925	2.20925	0.00257668	3.37148	3.37148	4.06E-05	13.6272	13.6272
cg19563619	RNF212;RNF212;RNF212;RNF212	0.00661821	0.0148888	2.70164	2.70164	0.000691436	5.57654	5.57654	0.0976131	1.82787	1.82787	0.627432	1.17621	1.17621	0.493894	1.25929	1.25929
cg04686953	RNF212;RNF212;RNF212;RNF212	0.0469396	0.0198125	6.67897	6.67897	0.0534067	4.39746	4.39746	0.234378	2.31963	2.31963	0.216378	2.40632	2.40632	0.0872861	3.57626	3.57626
cg12648893	RNF213	3.37E-06	0.00263205	0.695308	-1.43821	0.00737529	0.739794	-1.35173	0.00636206	0.733445	-1.36343	0.00497522	1.38339	1.38339	4.51E-06	0.398403	-2.51002
cg22194904	RNF213	0.000233602	0.227202	0.75251	-1.32889	1.98E-05	0.143867	-6.95085	0.238967	0.758358	-1.31864	0.985306	1.00414	1.00414	0.00619763	0.449104	-2.22665
cg08839546	RNF213	0.00164347	0.19115	0.805172	-1.24197	0.180086	0.800203	-1.24968	3.89E-05	0.291275	-3.43319	0.156443	0.78872	-1.26788	0.14707	0.78378	-1.27587
cg18784565	RNF213	0.00225354	0.0798821	0.447005	-2.23711	0.932443	1.03575	1.03575	0.0113206	0.268751	-3.72092	0.000909025	0.128046	-7.8097	0.000188022	0.0735085	-13.6039
cg25907686	RNF213	0.00255147	0.676679	0.923146	-1.08325	0.0937756	1.42107	1.42107	0.00521146	0.495122	-2.0197	0.191159	1.30202	1.30202	0.000111115	0.273548	-3.65567
cg25892761	RNF213	0.00335547	0.455434	1.21037	1.21037	0.914962	0.973531	-1.02719	0.00618335	0.407891	-2.45163	0.713962	0.91169	-1.09686	8.77E-05	0.171048	-5.84632
cg23090060	RNF213	0.00507131	0.309652	0.85935	-1.16367	0.00157199	0.519617	-1.9245	0.00127525	0.50791	-1.96885	0.0508583	1.37812	1.37812	0.124873	1.27064	1.27064
cg24083302	RNF213	0.0195048	0.0438103	1.5086	1.5086	0.0423733	0.660435	-1.51415	0.213368	1.26179	1.26179	0.12237	0.742972	-1.34595	0.00656108	1.87117	1.87117
cg23464217	RNF213	0.0221168	0.98903	1.00619	1.00619	0.00183368	0.13711	-7.2934	0.492917	0.73154	-1.36698	0.177785	1.90193	1.90193	0.00505065	0.189297	-5.2827
cg20133788	RNF213	0.0284232	0.0859359	0.608779	-1.64263	0.0105828	0.431329	-2.31841	0.398659	0.797724	-1.25357	0.176355	1.45634	1.45634	0.0397378	0.53695	-1.86237
cg08777206	RNF213	0.028506	0.0209837	0.25737	-3.88546	0.52925	1.36549	1.36549	0.516877	0.725288	-1.37876	0.457324	1.44764	1.44764	0.00165049	0.110645	-9.03793
cg08676585	RNF213	0.0295309	0.0537631	0.583922	-1.71256	0.53901	0.85831	-1.16508	0.0365001	0.550413	-1.81682	0.322526	0.777993	-1.28536	0.023678	0.515038	-1.9416
cg15263723	RNF213	0.0329737	0.388646	0.843493	-1.18555	0.0823022	1.44888	1.44888	0.019854	1.71895	1.71895	0.903961	0.977014	-1.02353	0.516542	1.13508	1.13508
cg12256192	RNF213	0.0353278	0.0115236	0.424295	-2.35685	0.391886	0.788207	-1.2687	0.0182782	0.459722	-2.17523	0.628131	0.87597	-1.14159	0.00222172	0.31263	-3.19867
cg21269819	RNF213	0.0382642	0.0607724	0.739746	-1.35182	0.105994	1.28631	1.28631	0.502574	0.907526	-1.1019	0.384422	0.880579	-1.13562	0.203117	0.825646	-1.21117
cg14038259	RNF213	0.0436631	0.972645	0.995572	-1.00445	0.590247	1.07289	1.07289	0.004356	0.610811	-1.63717	0.580385	1.07494	1.07494	0.387168	1.12155	1.12155
cg08579465	RNF213	0.0484452	0.232542	0.67468	-1.48218	0.020411	0.415447	-2.40705	0.360594	1.34371	1.34371	0.719712	1.11993	1.11993	0.490682	0.802473	-1.24615

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01768840	0.00594845	0.351677	-2.84352	0.000133634	0.146095	-6.84488	0.779357	1.08503	1.08503	0.00316328	0.309861	-3.22726	13.2708	17.7434	1.18846	1
cg24071064	0.000310906	0.311219	-3.21317	0.688839	0.922822	-1.08363	0.476951	1.15523	1.15523	0.194729	0.760555	-1.31483	11.9453	7.53272	0.560535	1
cg04831783	0.00983103	0.520364	-1.92173	0.0614075	0.655836	-1.52477	0.164131	1.34605	1.34605	0.0151934	0.550503	-1.81652	11.7335	7.4462	0.564099	1
cg27464157	0.0139697	0.68444	-1.46105	0.00237782	1.6974	1.6974	0.00469004	1.59904	1.59904	0.901002	0.984577	-1.01566	8.33632	2.05946	0.219597	1
cg02224002	0.00437878	0.452436	-2.21026	0.424464	0.84367	-1.1853	0.335591	1.2299	1.2299	0.0496863	0.627123	-1.59458	7.69213	5.29124	0.611447	1
cg03776194	0.576847	0.855436	-1.16899	0.0803457	0.58432	-1.71139	0.768374	1.08524	1.08524	0.115835	0.62286	-1.6055	6.48562	7.88089	1.08012	1
cg08441633	0.981926	1.00124	1.00124	0.124888	1.09489	1.09489	0.510648	1.03708	1.03708	0.00790505	1.20432	1.20432	5.0759	0.239411	0.0419255	1
cg03125124	0.441844	1.19588	1.19588	0.207416	1.35423	1.35423	0.813317	1.05544	1.05544	0.608756	1.12497	1.12497	4.62702	3.8127	0.732451	1
cg07549381	0.592045	0.832948	-1.20055	0.00559765	0.292515	-3.41863	0.738812	1.11971	1.11971	0.123226	0.568802	-1.75808	4.24376	7.67414	1.60741	1
cg08873779	0.575398	0.923515	-1.08282	0.0406892	0.71731	-1.3941	0.718103	1.05229	1.05229	0.953911	0.991906	-1.00816	4.77967	1.4965	0.278308	1
cg12505390	0.0183772	0.611006	-1.63665	0.000298586	0.362978	-2.75499	0.679128	1.07426	1.07426	0.00241794	0.483154	-2.06973	10.2466	4.8121	0.41745	1
cg14514949	0.00143152	0.438438	-2.28082	0.00184775	0.45363	-2.20444	0.368073	1.17977	1.17977	0.000933289	0.413379	-2.41909	11.8415	5.99677	0.450149	1
cg04798676	?	?	?	0.0915001	2.27798	2.27798	0.03895	0.346824	-2.8833	0.117728	2.12266	2.12266	8.20134	22.6623	2.76325	1
cg02647990	0.230851	0.875848	-1.14175	0.00016132	0.506886	-1.97283	0.58239	1.06032	1.06032	0.195468	1.15535	1.15535	6.32999	1.11515	0.156595	1
cg07585136	0.990311	0.99835	-1.00165	0.0144987	0.663922	-1.5062	0.098185	0.781401	-1.27975	0.654821	1.0631	1.0631	5.40243	1.58227	0.260338	1
cg01550828	0.48628	0.734805	-1.36091	0.00533471	0.202134	-4.94722	0.00359897	0.179605	-5.56776	0.0452684	0.367711	-2.71953	4.04094	12.1432	2.67114	1
cg12368897	0.577069	0.899746	-1.11142	0.0228885	0.600212	-1.66608	0.104462	0.716918	-1.39486	0.580937	1.11021	1.11021	3.97294	2.21247	0.495008	1
cg02141716	0.138505	0.715502	-1.39762	0.00759903	2.05571	2.05571	0.416837	0.840143	-1.19027	0.0925951	0.678064	-1.47479	27.9347	19.4951	0.62034	1
cg11936121	5.35E-06	0.0535821	-18.6629	0.0300008	2.06437	2.06437	0.26406	1.39173	1.39173	0.0097117	0.395013	-2.53156	20.6447	23.4311	1.13497	1
cg02400751	5.50E-05	0.283324	-3.52953	0.701211	0.937297	-1.0669	0.0751927	0.716926	-1.39484	0.46081	1.13442	1.13442	9.07258	4.05393	0.397186	1
ch.11.1613249	0.00925957	0.654098	-1.52882	0.00510046	0.621435	-1.60918	0.530662	0.921604	-1.08506	0.0131896	0.673706	-1.48433	6.72079	1.75863	0.232596	1
cg02673002	0.640382	1.14428	1.14428	?	?	?	?	?	?	?	?	?	5.40717	4.25902	0.656384	1
cg23678722	0.00819937	0.510868	-1.95745	0.157275	1.35028	1.35028	0.0736737	1.48576	1.48576	0.0912284	0.69118	-1.4468	16.4784	10.2896	0.555047	1
cg20477497	1.12E-05	0.311582	-3.20943	0.0164819	1.44177	1.44177	0.00123161	0.554302	-1.80407	0.868655	0.979546	-1.02088	15.9177	3.93076	0.219504	1
cg14855529	0.278207	1.33281	1.33281	0.00678392	2.44468	2.44468	0.399317	1.24588	1.24588	0.834151	0.947982	-1.05487	12.8019	13.1618	0.913877	1
cg24753530	0.0966027	1.35715	1.35715	0.0519196	1.44813	1.44813	0.00721897	0.559654	-1.78682	0.00984851	0.579184	-1.72657	8.66788	3.84771	0.394582	1
cg10379992	0.14521	0.635441	-1.57371	0.738872	1.10183	1.10183	0.0963141	0.58901	-1.69776	0.16978	0.654483	-1.52792	7.50208	9.98361	1.18291	1
cg15523998	0.672677	0.942657	-1.06083	0.00103582	1.96446	1.96446	0.923261	1.01348	1.01348	0.392461	0.885373	-1.12947	4.0375	1.2349	0.271873	1
cg21831927	0.817601	1.06335	1.06335	0.0348357	1.92312	1.92312	0.89897	0.966793	-1.03435	0.299936	0.751561	-1.33056	3.70712	4.15029	0.995151	1
cg01486610	0.435842	0.718657	-1.39148	0.000695247	0.116449	-8.58747	0.213146	1.72432	1.72432	0.0431628	0.380316	-2.62939	5.08422	13.9057	2.43117	1
cg10279832	0.119074	1.19679	1.19679	0.013022	1.38705	1.38705	0.770256	0.969381	-1.03159	0.015553	0.729724	-1.37038	5.2182	0.932012	0.158762	1
cg08553868	0.664427	0.952045	-1.05037	0.0108457	1.43363	1.43363	0.884766	1.01646	1.01646	0.661729	1.05082	1.05082	4.43067	0.889554	0.178464	1
cg09973105	0.0752519	0.480747	-2.0801	0.00561853	0.26074	-3.83524	0.00831084	0.287231	-3.48152	0.0456276	0.428499	-2.33373	4.24048	9.18269	1.92488	1
cg18355902	0.00427053	0.555894	-1.7989	0.0426843	0.698805	-1.43101	0.137873	0.782388	-1.27814	0.566204	0.914786	-1.09315	5.88608	2.19926	0.332122	1
cg16485558	1.35E-05	0.0282198	-35.4361	?	?	?	0.325371	0.671677	-1.48881	0.651138	0.836614	-1.19529	15.1902	32.843	2.16212	1
cg09839635	0.763301	1.19578	1.19578	0.0003208	0.0318444	-31.4027	?	?	?	0.110889	0.357624	-2.79623	5.94341	29.3241	4.93388	1
cg25342675	0.803826	0.951012	-1.05151	0.00146769	2.5264	2.5264	0.961003	1.00992	1.00992	0.0541387	1.55443	1.55443	3.91915	2.52812	0.573395	1
cg06684939	0.000937957	0.671872	-1.48838	0.290509	1.0924	1.0924	0.160884	1.12824	1.12824	0.772429	1.02364	1.02364	7.99997	0.822365	0.0913743	1
cg08550242	0.0311436	1.29067	1.29067	0.0113177	0.726189	-1.37705	0.228447	0.880281	-1.136	0.59162	0.946833	-1.05615	7.99563	1.28866	0.143263	1
cg21682942	0.0067005	0.613896	-1.62894	0.574534	1.08188	1.08188	0.973255	1.00466	1.00466	0.00479724	0.594935	-1.68086	7.28537	2.2211	0.270996	1
cg23782719	0.0230972	1.2326	1.2326	0.00159046	1.41748	1.41748	0.0056798	1.32219	1.32219	0.137583	0.884174	-1.131	231.386	21.7176	0.0834299	1
cg11086466	0.438353	0.853716	-1.17135	0.149064	1.36285	1.36285	0.388185	0.837821	-1.19357	0.508234	0.874338	-1.14372	6.14584	3.8965	0.56356	1
cg18860301	0.0167643	0.491137	-2.03609	0.0758664	1.61802	1.61802	0.661529	1.11327	1.11327	0.120218	0.663291	-1.50763	4.77127	4.48289	0.835163	1
cg10143060	0.152331	0.677959	-1.47501	0.0050321	0.390419	-2.56135	0.0681995	0.59591	-1.67811	0.25014	0.737384	-1.35614	3.52939	3.59201	0.904658	1
cg14186558	0.0837367	0.419149	-2.38579	0.0121165	0.241506	-4.14068	0.00144957	0.123613	-8.08978	0.00942901	0.224251	-4.45929	8.90407	29.1073	2.90577	1
cg08006727	0.0191484	0.326978	-3.05831	0.00113602	0.151407	-6.60472	0.0108883	0.283499	-3.52735	0.164651	0.557333	-1.79426	7.4399	18.3219	2.18902	1
cg13902067	0.0409514	0.376924	-2.65306	0.00873998	0.251168	-3.9814	0.00157374	0.152937	-6.53862	0.0116673	0.271541	-3.68268	6.61587	17.9248	2.40833	1
cg03423957	0.00126255	0.146224	-6.83883	0.000101603	0.0600403	-16.6555	0.000262215	0.0862097	-11.5996	0.00314404	0.19223	-5.20211	12.9164	34.1383	2.34936	1
cg25492985	0.0139719	0.653572	-1.53005	0.00708213	0.614149	-1.62827	0.0233541	0.68412	-1.46173	0.242826	0.842622	-1.18677	7.66483	2.38272	0.276324	1
cg12504284	0.352713	0.768403	-1.3014	0.742969	0.913337	-1.09489	0.522927	1.19526	1.19526	0.150334	0.653943	-1.52919	6.16659	7.41175	1.06837	1
cg00478049	0.000681909	0.494692	-2.02146	0.55355	0.921943	-1.08467	0.725441	0.953309	-1.04898	0.220079	1.19107	1.19107	6.14031	1.78839	0.258892	1
cg24245352	0.119394	0.488783	-2.0459	0.197358	0.561447	-1.78111	0.528245	1.31083	1.31083	0.145026	0.515329	-1.94051	4.78309	13.5921	2.52596	1
cg19193873	0.329347	1.11474	1.11474	0.615044	1.05624	1.05624	0.0176245	1.36556	1.36556	0.0329144	1.30893	1.30893	4.01377	0.74013	0.163909	1
cg11571442	0.381566	0.751338	-1.33096	0.0276411	0.436246	-2.29229	0.0591497	0.507238	-1.97146	0.13321	0.596877	-1.67539	3.54575	5.69922	1.42875	1
cg17589449	0.240871	0.522032	-1.91559	0.00203965	0.100068	-9.99319	0.574567	0.740619	-1.35022	0.0669351	0.337123	-2.96627	3.43693	15.257	3.9459	1
cg16976047	0.620065	0.912068	-1.09641	0.19388	0.769911	-1.29885	0.00648142	2.18581	2.18581	0.0320595	1.67095	1.67095	20.5998	10.0496	0.271027	1
cg16021223	0.0814003	0.765042	-1.30712	0.0319036	0.705658	-1.41712	0.0794806	1.30983	1.30983	0.186836	0.823655	-1.2141	29.9937	9.1321	0.270638	1
cg15505276	0.720504	1.09941	1.09941	0.000954791	0.272952	-3.66364	0.0210132	0.480795	-2.07989	0.0858173	0.606039	-1.65006	8.95372	9.86749	0.979604	1
cg17135423	0.0540926	0.445003	-2.24717	0.000717583	0.148533	-6.73249	0.00172388	0.190861	-5.23942	0.0277203	0.381468	-2.62145	8.80909	19.1364	1.93098	1
cg09195271	0.200207	0.675662	-1.48003	0.00126587	0.255878	-3.90811	0.00688697	0.362897	-2.7556	0.0210788	0.447628	-2.234	7.90258	10.507	1.18184	1
cg13843611	0.171885	1.43132	1.43132	0.00907687	0.441512	-2.26495	0.215933	1.37866	1.37866	0.431832	1.21874	1.21874	4.04275	3.89295	0.855951	1
cg04570265	0.378805	1.19588	1.19588	0.214886	0.772092	-1.29518	0.430807	0.852737	-1.17269	0.00133614	0.396986	-2.51898	9.62985	5.98603	0.552544	1
cg01806258	0.9901	1.00295	1.00295	0.870942	0.96211	-1.03938	0.523253	0.857537	-1.16613	0.843298	0.95407	-1.04814	7.55847	6.75614	0.794534	1
cg11177107	0.327361	1.13116	1.13116	0.588912	0.935658	-1.06877	0.013801	1.44918	1.44918	0.030999	1.36162	1.36162	3.81154	0.896922	0.209171	1
cg27485194	0.000310638	0.490355	-2.03934	0.607878	0.938906	-1.06507	0.923074	0.988304	-1.01183	0.240791	0.861068	-1.16135	24.8104	5.82995	0.208871	1
cg01756700	0.212582	0.574861	-1.73955	0.000180339	0.0690378	-14.4848	0.0102837	0.255704	-3.91077	0.00486587	0.207156	-4.82728	9.15816	25.7932	2.50349	1
cg18322772	0.0171556	0.516903	-1.9346	0.00246	0.384082	-2.60361	0.912139	1.02539	1.02539	0.832789	1.04921	1.04921	4.30861	3.52223	0.726653	1
cg14358709	0.0956512	1.39648	1.39648	0.00642201	0.523699	-1.9095	0.164588	1.31067	1.31067	0.438405	1.15512	1.15512	3.57834	1.8866	0.468646	1
cg11906718	0.845987	0.975296	-1.02533	0.0169237	1.4546	1.4546	0.0218588	1.42461	1.42461	0.0648794	1.30562	1.30562	3.4803	0.91201	0.232933	1
cg23938834	0.00180827	0.414973	-2.40979	0.00161324	0.408054	-2.45065	0.00307205	2.23342	2.23342	0.00567718	0.48709	-2.05301	14.4732	9.00913	0.553305	1
cg03636234	0.117089	1.98913	1.98913	0.0113724	3.59652	3.59652	0.00446229	4.62785	4.62785	0.0943059	2.10227	2.10227	6.91544	17.8735	2.2974	1
cg02513874	0.0150447	0.547258	-1.82729	0.000308572	0.306848	-3.25894	0.970144	0.992478	-1.00758	0.19114	1.32209	1.32209	6.21764	4.00742	0.57291	1
cg16983422	0.0445863	0.807959	-1.23769	0.042649	0.8059	-1.24085	0.431917	1.07698	1.07698	0.348564	0.914632	-1.09334	4.58966	0.621483	0.120364	1
cg10014674	0.24139	0.924624	-1.08152	1.01E-05	0.545965	-1.83162	0.869626	0.989558	-1.01055	0.0959245	1.12396	1.12396	13.6745	0.884453	0.0574924	1
cg26406441	0.600127	1.08721	1.08721	0.141486	0.778854	-1.28394	0.0127857	1.63052	1.63052	0.00596326	0.566483	-1.76528	8.36409	3.31026	0.351796	1
cg02901408	0.541482	0.919922	-1.08705	0.00015564	0.417063	-2.39772	0.388436	1.12678	1.12678	0.0751122	1.30687	1.30687	6.25608	1.80683	0.256722	1
cg26542888	0.345109	0.651583	-1.53472	0.00641723	0.209734	-4.76795	0.16274	1.92788	1.92788	0.804847	0.896685	-1.11522	4.9352	15.1671	2.73178	1
cg18201392	0.366395	1.1331	1.1331	0.681744	1.05709	1.05709	0.461188	0.903915	-1.1063	0.284451	0.860943	-1.16152	4.34215	1.247	0.255275	1
cg14625770	0.689134	0.883327	-1.13208	0.0190908	2.39937	2.39937	0.145488	1.61968	1.61968	0.489701	1.24171	1.24171	10.6468	16.0502	1.34001	1
cg04845236	0.176653	0.503761	-1.98507	0.00841267	0.200555	-4.98616	0.00812545	0.198371	-5.04106	0.105893	0.430365	-2.32361	4.61347	16.6512	3.20824	1
cg13996144	0.0184384	1.46101	1.46101	0.27921	1.1609	1.1609	0.433295	1.11187	1.11187	0.574931	1.07804	1.07804	4.25561	1.18536	0.247593	1
cg21239184	0.00216676	0.093314	-10.7165	0.901586	0.934096	-1.07055	0.957552	0.971094	-1.02977	0.0962608	0.365498	-2.73599	3.41591	16.4303	4.27549	1
cg12911256	0.878466	0.894552	-1.11788	0.0163385	0.117912	-8.48088	0.596263	0.67749	-1.47604	0.00376279	17.2508	17.2508	8.11238	68.1355	7.46573	1
cg26611832	0.327363	0.768257	-1.30165	0.000409221	0.231409	-4.32135	0.493582	0.8342	-1.19875	0.0609093	0.576486	-1.73465	6.65849	7.1695	0.957107	1
cg17515966	0.341251	0.562424	-1.77802	0.114711	0.365435	-2.73646	0.407689	0.60835	-1.64379	0.00103515	17.3161	17.3161	6.54677	35.7072	4.84815	1
cg01373911	0.859106	0.973965	-1.02673	0.174763	0.807115	-1.23898	0.718944	0.947762	-1.05512	0.3588	1.15037	1.15037	4.71707	1.64666	0.310298	1
cg24870568	0.745306	1.32448	1.32448	0.36031	0.444479	-2.24983	0.338895	2.33945	2.33945	0.00412926	27.5524	27.5524	4.59325	54.0776	10.4651	1
cg11764177	0.982195	0.988657	-1.01147	0.222403	0.519167	-1.92616	0.747974	1.17917	1.17917	0.00103526	11.9909	11.9909	4.52713	18.7384	3.67923	1
cg15584788	0.1247	0.388664	-2.57292	0.486453	0.668947	-1.49489	0.379042	0.598638	-1.67046	0.00991823	6.37313	6.37313	4.51074	23.0935	4.55082	1
cg18235937	0.6762	0.818136	-1.22229	0.0980817	0.420145	-2.38013	0.386595	1.52827	1.52827	0.202428	0.525649	-1.90241	4.34554	15.7176	3.21508	1
cg19180828	0.281729	0.598645	-1.67044	0.155029	0.497593	-2.00968	0.128141	0.47031	-2.12626	0.0414499	2.94032	2.94032	4.26359	14.2045	2.96141	1
cg21210232	0.610058	1.26616	1.26616	0.0325048	0.317177	-3.15281	0.123284	2.15109	2.15109	0.681082	1.20877	1.20877	3.82747	12.7607	2.96352	1
cg03716999	0.560662	1.7742	1.7742	0.125373	0.198607	-5.03508	0.296327	2.87264	2.87264	0.00875615	25.8956	25.8956	3.72873	56.0809	13.3691	1
cg14199276	0.00075838	2.48864	2.48864	0.0151542	1.70389	1.70389	0.0559738	1.47209	1.47209	0.330551	0.835832	-1.19641	15.8048	7.98538	0.449111	1
cg13825574	0.00215487	7.07005	7.07005	0.0270588	3.28157	3.28157	0.986323	0.992248	-1.00781	0.849141	1.09031	1.09031	14.6709	47.8978	2.90206	1
cg05433911	0.691494	1.06088	1.06088	0.438533	1.1242	1.1242	0.524903	0.908954	-1.10017	0.821964	0.967159	-1.03396	7.44208	2.58737	0.309038	1
cg22425466	0.661099	0.855569	-1.16881	0.00859183	3.27121	3.27121	0.787487	0.90888	-1.10026	0.014634	2.89482	2.89482	3.60677	7.1422	1.7602	1
cg24939846	0.0364547	0.743613	-1.34479	0.0286875	0.730201	-1.36949	0.203021	0.848973	-1.17789	0.0273469	0.727543	-1.37449	38.1958	8.98018	0.208986	1
cg26855280	0.00896483	0.723935	-1.38134	0.012562	1.35217	1.35217	0.200494	0.876843	-1.14045	0.70423	1.03777	1.03777	21.2564	3.18036	0.132994	1
cg11579758	0.136967	0.750482	-1.33248	2.43E-05	0.221782	-4.50894	0.0693668	1.43908	1.43908	0.492575	1.13301	1.13301	16.6513	8.46664	0.45197	1
cg01506678	0.0124374	0.414285	-2.4138	0.0527384	0.535905	-1.866	0.0174648	0.440593	-2.26967	0.110776	0.611253	-1.63598	9.0341	11.4829	1.12983	1
cg04790147	0.565815	0.811023	-1.23301	0.000322824	0.122576	-8.15823	0.592146	0.822719	-1.21548	0.0892338	0.508524	-1.96647	6.84485	14.1157	1.8331	1
cg06173470	0.0867153	1.49826	1.49826	0.113076	1.44559	1.44559	0.617336	0.89795	-1.11365	0.307319	0.797857	-1.25336	6.14285	4.44262	0.64286	1
cg05924254	0.0545301	2.65189	2.65189	0.00104623	8.74982	8.74982	0.00203822	6.98881	6.98881	0.028527	3.17555	3.17555	6.09356	19.2941	2.81449	1
cg21126229	0.279685	0.799755	-1.25038	0.0626444	1.51671	1.51671	0.0261617	1.68976	1.68976	0.432449	0.852752	-1.17267	5.64202	3.53251	0.55654	1
cg01868379	0.308297	1.17336	1.17336	0.0226368	1.51251	1.51251	0.842377	0.970267	-1.03064	0.112154	0.769329	-1.29983	5.47108	1.99157	0.323572	1
cg11118359	0.0744214	2.07092	2.07092	0.252775	0.645647	-1.54883	0.0083791	3.43371	3.43371	0.338668	1.43509	1.43509	4.78576	10.1676	1.88848	1
cg26087408	0.0151146	0.498163	-2.00738	0.0832907	1.56443	1.56443	0.912799	1.0259	1.0259	0.115028	0.670324	-1.49182	4.65568	4.01734	0.767012	1
cg11977605	0.142329	0.430478	-2.323	0.0217228	0.22938	-4.35958	0.0283995	0.250949	-3.98487	0.0536618	0.310071	-3.22507	3.55466	16.0775	4.02039	1
cg23462514	0.0497243	7.16549	7.16549	0.0102524	17.2312	17.2312	0.0201635	11.7658	11.7658	0.103305	4.79468	4.79468	3.53276	43.3021	10.8954	1
cg12414557	8.12E-05	10.1076	10.1076	1.24E-05	24.667	24.667	0.000115172	8.79803	8.79803	0.00131868	4.00338	4.00338	45.3776	44.8279	0.658591	1
cg19563619	0.0381407	2.21997	2.21997	0.0018683	4.3242	4.3242	0.00490515	3.44529	3.44529	0.188123	1.58853	1.58853	6.7316	11.7402	1.55026	1
cg04686953	0.0503026	4.50922	4.50922	0.0066192	10.7976	10.7976	0.0245901	6.0929	6.0929	0.0595299	4.20177	4.20177	3.4701	25.04	6.41416	1
cg12648893	0.156666	0.876133	-1.14138	1.87E-07	0.248479	-4.02448	0.191009	0.886165	-1.12846	5.20E-06	0.405326	-2.46715	53.7299	6.48353	0.107261	1
cg22194904	0.509706	1.16183	1.16183	0.000439558	3.47418	3.47418	0.00583127	2.24726	2.24726	0.660471	1.10422	1.10422	17.6123	14.0317	0.708176	1
cg08839546	0.750628	0.951304	-1.05119	0.00070003	0.445173	-2.24632	0.0362651	0.683052	-1.46402	0.0247801	0.658086	-1.51956	10.2071	3.96288	0.345109	1
cg18784565	0.00720605	0.237656	-4.20776	0.049371	0.394841	-2.53267	0.052604	0.401336	-2.49167	0.00452257	0.208566	-4.79465	9.31152	25.3146	2.41657	1
cg25907686	0.31049	0.818642	-1.22153	0.271215	0.803783	-1.24412	0.302151	1.2261	1.2261	0.0285578	0.611001	-1.63666	8.97801	5.17038	0.511906	1
cg25892761	0.915274	0.973627	-1.02709	0.131912	1.50441	1.50441	0.395019	1.24456	1.24456	0.882609	1.03781	1.03781	8.2775	8.26875	0.88795	1
cg23090060	0.50978	0.908096	-1.10121	0.063663	1.35067	1.35067	0.794784	1.0383	1.0383	0.316035	0.861175	-1.1612	7.30693	2.40556	0.292637	1
cg24083302	0.357182	0.845321	-1.18298	0.520561	1.12251	1.12251	0.080863	0.709275	-1.40989	0.0838881	1.40415	1.40415	4.74476	2.36634	0.443312	1
cg23464217	0.987294	1.00717	1.00717	0.344893	1.54763	1.54763	0.740625	0.86146	-1.16082	0.852221	1.08732	1.08732	4.54567	14.508	2.83699	1
cg20133788	0.00563537	0.386656	-2.58628	0.425995	1.23688	1.23688	0.921495	1.02612	1.02612	0.15167	0.669165	-1.4944	4.1657	4.5126	0.962913	1
cg08777206	0.0559459	0.347061	-2.88134	0.0990594	0.413215	-2.42005	0.631247	0.789503	-1.26662	0.106039	0.421996	-2.36969	4.16142	15.743	3.36274	1
cg08676585	0.00396481	0.386066	-2.59023	0.0823814	1.60428	1.60428	0.265189	0.751825	-1.3301	0.207806	0.72161	-1.38579	4.10975	3.92793	0.849565	1
cg15263723	0.0355324	0.62409	-1.60233	0.00747749	1.94138	1.94138	0.454323	1.15815	1.15815	0.186167	1.30998	1.30998	3.95119	2.32241	0.522467	1
cg12256192	0.173427	0.675043	-1.48139	0.0846897	0.596099	-1.67757	0.512926	0.835243	-1.19726	0.247338	0.720242	-1.38842	3.8541	4.49322	1.03629	1
cg21269819	0.00425137	1.72566	1.72566	0.546794	0.916714	-1.09085	0.212918	1.20571	1.20571	0.30884	0.860538	-1.16206	3.74363	1.20576	0.286297	1
cg14038259	0.488218	1.09541	1.09541	0.0160505	1.46431	1.46431	0.909632	1.0148	1.0148	0.178263	0.831019	-1.20334	3.56548	0.945755	0.235781	1
cg08579465	0.621649	0.855246	-1.16925	0.00197682	0.253117	-3.95075	0.686928	0.880422	-1.13582	0.362734	0.745243	-1.34184	3.42898	5.36578	1.39097	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg02726136	RNF213	0.0484883	0.303551	0.738584	-1.35394	0.464939	0.809388	-1.2355	0.0470425	0.52397	-1.90851	0.4417719	0.8000863	-1.2499	0.0039649	0.247219	-4.045	0.59361	0.857995	-1.16551	0.923809	0.971166	-1.02757	0.7015564	0.896292	-1.17574	1.42782	4.38975	1.13833	1
cg22000938	RNF213	0.0485205	0.881809	0.971465	-1.02937	0.0483195	1.54886	1.54886	0.560087	1.12149	1.12949	0.895048	0.974643	-1.02602	0.0310703	0.611095	-1.63641	0.0165911	0.565886	-1.76714	0.565101	1.11982	1.11982	0.0668587	1.49151	1.49151	0.301565	1.23156	1.342696	2.05526	0.533095	1
cg25405318	RNF213;LOC102094362	8.82E-05	0.40687	0.866551	-1.154	0.247002	0.815177	-1.22673	0.00333032	0.509352	-1.96328	0.381299	1.16369	1.16369	1.02E-06	0.114806	-8.71034	0.0695195	0.709836	-1.40878	0.0050135	0.534313	-1.87156	0.452729	1.13784	1.13784	0.0101122	0.578229	-1.72942	22.8981	10.3352	0.401203	1
cg06188160	RNF213;LOC102094362	9.68E-05	0.605974	1.11503	1.11503	0.039308	-1.44039	0.968944	1.00818	1.00818	0.224367	1.36613	1.36613	1.03E-05	0.140021	0.702356	-7.11228	4.90E-05	0.202556	-4.93692	7.08E-05	0.219598	-4.55564	0.912917	1.02315	1.02315	0.4138071	0.84746	1.18	22.3334	15.4871	0.616399	1
cg00029678	RNF213;LOC102094362	0.000474511	0.0586366	0.649892	-1.53872	2.17E-05	0.178717	-1.59544	0.000179112	0.278004	-3.59707	0.445424	0.854765	-1.16991	0.0006039	0.351963	-2.84121	0.0318181	0.601933	-1.66131	0.201223	0.761619	-1.31299	0.819418	0.954915	-1.04721	0.0538322	0.642966	-1.55529	14.5248	9.36297	0.572995	1
cg20677157	RNF213;LOC102094362	0.00206141	0.231986	0.863124	-1.15858	0.0679537	1.27132	1.27132	0.00179011	0.593434	-1.68151	0.347899	0.892718	-1.12017	0.0367077	0.752155	-1.32951	0.00114132	1.7537	1.7537	0.00607252	1.52304	1.52304	0.0887505	0.802152	-1.24665	0.295663	1.1958	1.1958	9.55726	2.08706	0.19411	1
cg18057128	RNF213;LOC102094362	0.00467951	0.263739	1.22271	1.22271	0.000576336	0.398751	-2.50783	0.554441	1.10871	1.10871	0.0105582	0.573965	-1.74227	0.0442129	0.671033	-1.49024	0.00528576	0.530158	-1.88623	0.0855868	1.38814	1.38814	0.83116	0.964248	-1.03708	0.1004416	0.732993	-1.36427	7.48822	3.53278	0.419559	1
cg01424086	RNF213;LOC102094362	0.00532556	0.0400507	0.535183	-1.86852	0.0254313	1.19575	1.19575	0.0178151	0.640686	-1.56083	0.310101	1.31878	1.31878	0.00783166	0.406773	-2.45939	0.0970766	0.598265	-1.6715	0.0050297128	0.211903	-4.73905	0.213183	1.15369	1.15369	0.0283817	0.505179	-1.9795	7.19313	0.977152	1
cg04497390	RNF213;LOC102094362	0.00555986	0.123957	0.624771	-1.60201	0.593142	0.854874	-1.16976	0.0279542	0.479649	-2.08486	0.641476	0.8795753	-1.14187	0.0002262511	0.176432	-5.66789	0.00359755	0.327833	0.0330434	0.00546828	0.355697	-2.81138	0.154992	0.65013	-1.53815	0.0283113	0.730545	1.36388	1.7109	9.00522	1.2268	1
cg16395248	RNF213;LOC102094362	0.00623222	0.912425	0.972636	-1.02813	0.579315	0.868293	-1.15169	0.170235	0.691865	-1.44537	0.008001771	0.279109	-3.58283	0.00427954	0.381465	-2.62147	0.0154536	0.472693	-2.11554	0.0198832	2.03181	2.03181	0.205561	0.714057	-1.40045	0.7896613	0.934783	-1.06977	6.8582	6.90827	0.895379	1
cg25841344	RNF213;LOC102094362	0.00657801	0.149199	0.731586	-1.36725	0.463267	0.486186	-1.47121	0.0643655	0.557729	-1.97736	0.196494	1.08431	-1.2469	0.00020586	0.234753	-4.27212	0.0098949	0.44332	-2.25571	0.202199	0.731454	-1.36753	0.571634	1.15338	1.15338	0.4735161	0.833626	-1.19958	6.74435	6.60558	0.87719	1
cg25072262	RNF213;LOC102094362	0.00680268	0.634346	0.869191	-1.15049	0.237285	0.696105	-1.43657	0.0230528	0.45149	-2.21489	0.134755	0.623885	-1.60286	0.0309182	0.476439	-2.0989	0.0162945	0.423297	-2.36185	0.0016864	0.153679	-6.50706	0.343291	0.751523	-1.33063	0.152618	0.638746	-1.56557	6.29335	8.53286	1.2052	1
cg16318249	RNF213;LOC102094362	0.0176641	0.626722	1.06377	1.06377	0.128749	0.812268	-1.23006	0.702122	1.04784	1.04784	0.317641	1.08191	1.08191	0.00243314	1.1746	1.1746	0.0566177	0.934273	-1.06978	0.000367958	2.03121	2.03121	0.94414	0.986568	-1.01364	0.4916756	1.09129	1.09129	4.90608	1.23604	0.229948	1
cg02926747	RNF213;LOC102094362	0.03788446	0.537345	0.76346	-1.30983	0.0302348	1.00718	1.00718	0.361335	1.25008	1.50002	0.218212	0.571396	-1.7501	0.00076407	0.110448	-9.05407	0.237578	1.70683	1.70683	0.0676292	1.84582	1.84582	-1.18228	0.527867	0.758529	-1.31834	0.456327	0.720487	-1.38795	4.88568	14.4485	2.62873	1
cg17530782	RNF213;LOC102094362	0.01975335	0.0129937	0.470938	-2.12342	0.0843074	0.561737	-1.78019	0.00263523	0.284492	-3.56137	0.780919	0.926235	1.08041	-1.24915	0.100799	0.581123	-1.72081	0.0292323	0.460319	-2.17241	0.713611	0.894651	-1.11775	0.00265157	0.280431	-3.52074	0.277727	0.711134	-1.40621	0.0977415	0.577723	-1.73093	0.472442	0.624932	1.28398	1
cg26404630	RNF213;LOC102094362	0.0203866	0.78056	0.945585	-1.05775	0.0531274	0.643889	-1.55306	0.041226	0.622889	-1.60628	0.922389	0.977243	1.02295	-1.04373	0.550482	-1.81667	0.0455866	0.727703	0.507581	-1.97013	0.778056	0.944062	-1.05924	0.144339	0.730397	-1.36912	0.476403	0.71918	0.565048	1.77018	0.565048	1
cg15883181	RNF213;LOC102094362	0.0368168	0.472281	1.2641	1.2641	0.0417815	0.471327	-2.12167	0.00433681	0.29463	-3.39409	0.837012	0.936102	-1.06826	0.172912	0.62818	1.5919	0.7548	1.10094	1.10094	0.00646497	0.32142	-3.11119	0.842667	0.938284	-1.06578	0.4568791	0.784365	-1.27492	3.79672	6.17883	1.44659	1
cg00093234	RNF213;LOC102094362	0.0414951	0.93715	1.02105	1.02105	0.538845	1.15314	1.15314	0.658863	0.889515	-1.12454	0.0194057	0.24563	2.24563	0.0082891	0.409958	-2.43928	0.289066	0.747719	-1.3374	0.19165	1.44077	1.44077	0.482358	0.828094	-1.20759	0.609407	0.872728	-1.14583	3.63357	4.00528	0.882511	1
cg19431009	RNF213;LOC102094362	0.0421637	0.672134	1.10775	1.10775	0.00942461	0.25436	-2.03936	0.0359335	0.49605	-1.99548	0.641911	0.850644	-1.11057	0.00994624	0.450536	-2.05858	0.320351	1.25185	1.25185	0.267125	1.29181	1.29181	0.448471	1.18411	1.18411	0.694571	1.00017	1.59717	2.72673	0.673796	1
cg22357164	RNF213;RNF213	0.00148593	0.000513437	0.0766702	-13.0429	0.00548119	0.177335	-5.63905	0.178814	0.508414	-1.9669	0.0225751	0.274321	-3.64536	0.00410091	0.161399	-6.19584	0.00301848	0.145793	-6.85904	0.000339775	0.0649582	-15.3945	0.00378369	0.15718	-6.36213	0.00448714	0.166218	-6.01619	10.508	37.332	3.15796	1
cg14175304	RNF213;RNF213	0.00151587	0.00939039	0.31424	-3.18224	0.0188604	0.0505945	-5.45111	-5.44998	0.0158059	0.396267	-2.52355	0.00461897	0.264892	-3.77511	0.0124181	0.320588	-3.1183	0.00397596	0.242839	-4.11795	0.0030077	0.186154	-5.37033	0.00345422	0.133933	-7.47472	0.00175859	0.109105	-9.0993	10.424	22.8888	3.88071	1
cg22443212	RNF213;RNF213	0.0028643	0.00108046	0.205557	-4.86483	0.129509	0.58454	-1.71075	0.226858	0.659732	-1.51577	0.188192	0.633118	-1.57948	0.0672842	0.510597	-1.95849	0.0424111	0.464115	-2.15464	0.00674399	0.181904	-5.4974	0.00860184	0.299955	0.0320911	0.439094	-2.27742	8.67545	14.7663	1.51279	1
cg22749810	RNF213;RNF213	0.0106309	0.00742851	0.2901	-3.44782	0.0422704	0.0689865	-4.49456	0.0623256	0.6995	-1.42956	0.0923286	0.389187	-2.56956	0.0193387	0.315516	-3.16958	0.0130096	0.0919382	0.315516	-3.16958	0.0572213	-17.4647	0.0427	0.0966176	0.0533412	0.0758256	0.126587	-7.90006	-0.48495	5.83482	12.0345	8.81602	1
cg12221087	RNF213;RNF213	0.0152366	0.00208508	0.0322379	-31.0194	0.00724884	0.0641363	-15.5918	0.0722367	0.203781	-4.90724	0.0862057	0.222448	-4.49543	0.025485	0.1221852	8.20669	0.148069	0.292217	-3.42212	0.0123866	0.0847212	-11.8034	0.0246909	0.119948	-8.33691	0.0200358	0.108069	-9.25338	5.15393	11.3149	8.85018	1
cg08059361	RNF213;RNF213	0.0176095	0.09881811	0.415453	-2.40701	0.339869	0.620389	-1.61189	0.0609582	0.358792	-2.78713	0.153992	0.476775	-2.09743	0.0049462	0.163891	-6.10161	0.0123221	0.220337	-4.53849	0.002781	0.135135	-7.40002	0.532187	1.35946	1.35946	0.0388263	0.313172	-3.19314	4.91118	18.3218	3.31611	1
cg12082297	RNF214;PCSK7;RNF214	0.00078405	0.0100071	0.16048	-6.23262	0.0139538	0.0179281	-6.92579	-0.14541	0.157133	1.13159	0.0128116	0.0374772	1.23805	-1.23805	0.760106	-1.31549	0.0035931	0.0147016	-6.79205	0.00134499	0.0070125	-14.3888	0.0047837	0.0318207	-3.14273	0.0252459	-1.32898	0.0478437	0.0543513	1.19531	1.38445	0.679066	0.0939875	1.5
cg16094884	RNF214;PCSK7;RNF214	0.0418383	0.00165501	0.77988	0.77988	0.178196	0.722629	-1.38384	0.436495	1.19754	1.19754	0.246023	1.3172	1.3172	0.472045	1.18071	1.18071	0.0536694	1.64471	1.64471	0.780468	0.938523	-1.0655	0.448381	1.19178	1.19178	0.1160132	1.47387	1.47387	5.6225	2.95859	0.725978	1
cg02122114	RNF214;RNF214	0.0455924	0.0164178	0.526126	-1.78183	0.538845	1.13214	1.13214	0.153314	0.656863	0.889515	-1.12454	0.0194057	0.24563	2.24563	0.0082891	0.409958	-2.43928	0.289066	0.747719	-1.3374	0.19165	1.44077	1.44077	0.482358	0.828094	-1.20759	0.609407	0.872728	-1.14583	3.63357	4.00528	0.882511	1
cg07074042	RNF215	5.01E-05	0.00210972	0.340307	-2.93852	0.038645	0.181694	1.81694	0.0175071	0.486249	-2.05656	0.0441055	0.178012	1.78012	-1.28E-06	0.0448946	-22.5744	0.150384	0.680887	-1.46867	0.163566	1.44876	1.44876	0.0198673	0.336598	-2.9709	0.0325572	0.367756	2.71919	26.6044	26.1931	0.875147	1
cg02031111	RNF215	0.00451524	0.951827	0.984485	-1.01576	0.933572	0.98488	-1.01535	0.00441648	0.49937	-2.00252	0.00164696	0.438906	-2.27839	0.00077158	0.39441	-2.53543	0.137148	0.746312	-1.33992	0.474735	0.875599	-1.14208	0.324342	0.830265	-1.20444	0.00254588	0.465234	-2.14946	7.56995	4.00419	0.470186	1
cg20893585	RNF215	0.0452463	0.7706823	0.9	-1.11111	0.00386587	0.576128	-1.73543	0.841591	1.02355	1.02355	0.125649	0.456546	-2.19268	0.0010177	0.393075	-2.54256	0.0036642	0.416189	-2.4027	0.0043007	0.194116	-5.15107	0.0017837	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	1
cg25964984	RNF215	0.00894114	0.14668	1.28087	1.28087	0.0779586	0.581107	-1.72085	0.0170417	0.629875	-1.58762	0.646523	1.07614	1.07614	0.0131485	0.604009	-1.65561	0.729626	1.05668	1.05668	0.00129521	0.474835	-2.10599	0.938752	0.987863	-1.01229	0.511161	1.89962	-1.14158	0.425961	0.355492	1
cg26724841	RNF216;RNF216	5.78E-06	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0155029	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	0.0001751	1
ch.7.2465568	RNF216;RNF216	0.00054392	0.0129946	0.539963	-1.85198	0.00046749	0.332943	-3.00351	0.313329	1.23183	1.23183	0.00135553	0.394493	-2.5349	0.293304	0.80416	-1.24353	0.0104694	0.107751	1.07751	3.08E-05	0.196545	-5.0879	0.61509	1.10668	1.10668	0.0619075	0.656831	-1.52246	13.9602	3.83794	0.562741	1
cg19569340	RNF216;RNF216	0.00140684	0.00747802	0.262486	-2.75872	0.0560874	0.528552	-1.89196	0.199366	0.670599	-1.4912	0.107825	1.67713	1.67713	0.149642	1.57651	1.57653	0.0483383	0.154565	-1.94415	0.00157387	0.148779	-6.7214	0.00260292	0.292526	-3.4185	0.0028861	0.198956	-4.34498	10.6746	14.6811	1.22252	1
cg18617808	RNF216;RNF216	0.00212705	0.26934	1.34882	1.34882	0.0179261	0.0688965	-4.44556	0.0623256	0.6995	-1.42956	0.0923286	0.389187	-2.56956	0.0193387	0.315516	-3.16958	0.0130096	0.0919382	0.315516	-3.16958	0.0572213	-17.4647	0.0427	0.0966176	0.0533412	0.0758256	0.126587	-7.90006	-0.48495	5.83482	12.0345	8.81602	1
cg27006914	RNF216;RNF216	0.00262089	0.721349	0.883534	-1.13182	0.00100549	0.33845	1.33845	0.307987	1.4403	1.4403	0.850293	1.06751	1.06751	0.641141	0.850181	1.17622	0.0016416	0.210389	4.7531	0.0789778	1.96289	1.96289	0.00131867	5.03205	5.03205	0.829599	1.07737	1.07737	8.90724	16.8694	1.68302	1
cg15978191	RNF216;RNF216	0.0148832	0.249884	0.858402	-1.16509	0.0139538	0.0179281	-6.92579	-0.14541	0.157133	1.13159	0.0128116	0.0374772	1.23805	-1.23805	0.760106	-1.31549	0.0035931	0.0147016	-6.79205	0.00134499	0.0070125	-14.3888	0.0047837	0.0318207	-3.14273	0.0252459	-1.32898	0.0478437	0.0543513	1.19531	1.38445	0.679066	0.0939875	1.5
cg01066687	RNF216;RNF216	0.0159818	0.288547	0.752988	-1.32804	0.96478	0.988694	-1.01143	0.624133	0.880585	-1.13561	0.0949508	0.60402	1.60402	0.0091132	0.322427	3.10148	0.0204622	0.238112	2.95676	0.445355	0.825939	-1.21074	0.908005	0.990737	-1.00297	0.132629	0.658469	-1.51972	5.32727	0.933458	1
cg04534583	RNF216;RNF216	0.0371884	0.0430879	0.48224	-2.07366	0.249729	1.45781	1.45781	0.64067	0.863031	-1.15871	0.774552	0.913942	-1.09416	0.53955	0.823139	-1.21486	0.153462	0.619442	-1.61436	0.0048355	1.22575	1.22575	0.114486	1.71244	1.71244	0.184668	0.643473	-1.55407	3.78285	5.88278	1.38233	1
cg13328889	RNF216;RNF216	0.0390308	0.7930824	1.04161	1.04161	0.0504844	0.772138	-1.29533	0.0468475	0.554225	-1.80444	0.0218382	0.376102	-2.65836	0.0075175	0.39325	-2.54325	0.0080859	0.0424228	-3.98528	0.0176012	0.0978648	-10.2206	0.0132542	0.0907232	-1.10218	0.0429058	1.13401	1.13401	0.0482127	0.0940104	0.0959359	-1.04074	0.238659	0.0922508	1
cg08496098	RNF216;RNF216	0.0445111	0.620737	0.935287	-1.06919	0.0515825	0.747085	-1.33854	0.497176	1.09687	1.09687	0.0592665	1.33059	1.33059	0.0101901	0.984949	-1.01528	0.847358	0.974483	-1.02619	0.00406075	1.65826	1.65826	0.200249	1.19899	1.19899	0.0921673	1.28228	1.53996	3.00867	0.253279	1
cg16574231	RNF216;RNF216	0.0445202	0.00550843	0.317317	-3.15097	0.0133548	0.998642	-1.00154	0.0139236	1.12096	1.12096	0.0114033	1.17011	1.17011	0.542332	1.11996	1.11996	0.0126855	0.0844064	0.482933	2.070368	0.912684	1.09555	0.0742004	0.482509	-2.07199	0.0268204	0.553392	-1.80704	0.482509	-2.07199	0.0268204	0.553392	-1.80704	1
cg23643100	RNF216;RNF216;RNF216L	3.82E-05	0.00043767	0.617897	-1.61839	0.0517962	1.21139	1.21139	0.0018014	0.680682	-1.46912	0.857604	1.01568	1.01568	1.91E-06	0.359372	-2.78263	0.577788	1.04993	1.04993	0.00294548	1.42445	1.42445	0.0168884	1.28729	1.28729	0.0136789	0.767808	-1.30241	28.5769	3.98001	0.105696	1
cg21805092	RNF216;RNF216;RNF216L	8.26E-05	0.00537795	2.50008	2.50008	0.168756	1.47452	1.47452	0.0001881	1.60372	1.60372	0.285235	1.32792	1.32792	0.0115124	1.18187	1.18187	0.0045184	0.0424228	-3.98528	0.0176012	0.0978648	-10.2206	0.0132542	0.0907232	-1.10218	0.0429058	1.13401	1.13401	0.0482127	0.0940104	0.0959356	-1.04073	0.238659	0.0922508	1
cg25468541	RNF216;RNF216;RNF216L	0.0029987	0.112644	0.730768	-1.35197	0.0123856	0.580779	-1.72183	0.263301	0.585836	-1.70744	0.0216553	0.24717	2.24717	0.0002614	0.482023	-2.07068	0.0031126	0.140458	-7.12015	0.0076892	0.0107864	-92.7289	7	7	0.21109	0.59292	1.59292	0.0955117	0.302329	0.307655	0.922658	4.12966	0.428871	1
cg26660541	RNF216;RNF216;RNF216L	0.0076264	0.00347155	2.35623	2.35623	0.158582	0.722098	-1.38485	0.191313	0.741635	-1.34837	0.345162	0.810535	-1.23375	0.6632189	1.5705	1.5705	0.445366	1.18303	1.18303	0.00187821	0.385794	-2.59206	0.1539	1.39071	1.39071	0.242306	1.30263	1.30263	6.44018	4.76093	0.657115	1
cg18694535	RNF216;RNF216;RNF216L	0.0076306	0.00163607	0.0001751	0.0001751	0.0001751	0.576128	-1.73543	0.841591	1.02355	1.02355	0.125649	0.456546	-2.19268	0.0010177	0.393075	-2.54256	0.0036642	0.416189	-2.4027	0.0043007	0.194116	-5.15107	0.0017837	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	1
cg04953155	RNF216;RNF216;RNF216L	0.0077129	0.125442	0.60585	-1.65057	0.0146653	0.403357	-2.47919	0.182015	0.651783	-1.53425	0.762852	0.912612	-1.09576	0.0007404	0.212615	4.70333	0.0754955	0.549955	-1.81833	0.00531384	0.32958	-3.03416	0.0849958	0.562416	-1.77804	0.0024631	0.279229	-3.57489	0.641757	2.28074	1.28546	1
cg25153467	RNF216;RNF216;RNF216L	0.0350388	0.534798	1.05426	1.05426	0.0885362	0.791698	-1.26285	0.0673118	0.872615	-1.14598	0.0441068	1.00491	1.00491	0.0089232	1.0009	1.0009	0.832958	0.980615	-1.01417	0.0146001	0.818883	-1.22125	0.933817	0.98951	-1.11345	0.0010702	0.811112	-1.23288	0.868458	0.202494	0.0621815	1
cg18196451	RNF217	0.00058427	0.000752972	0.304687	-3.28201	0.0921609	0.649785	-1.53897	0.0001339	0.234435	-4.26591	0.000658283	0.297111	-3.36575	0.000940585	0.197435	-5.0625	0.0011956	0.127595	-7.83595	0.00489418	0.461079	-2.16883	0.580334	0.878204	-1.13889	0.000720738	0.302211	-3.30895	13.6825	11.7202	0.764408	1
cg20034100	RNF217	0.00202962	0.0796158	0.603106	-1.65811	0.0133531	0.450856	-2.218	0.00016691	0.254049	-3.93624	0.319272	0.76527	-1.30673	0.00014501	0.182425	-5.4817	0.30892	0.760553	-1.31483	0.0129249	0.648025	-2.23013	0.168459	1.46439	1.46439	0.127728	0.651783	-1.53425	9.60068	10.2726	0.951096	1
cg00641372	RNF217	0.0454576	0.401681	1.35014	1.35014	0.0133531	0.450856	-2.218	0.16849	0.739642	1.12778	0.0127778	0.124524	1.6752	-1.6752	0.0556346	3.0016	0.0179238	0.0844064	0.482933	2.070368	0.912684	1.09555	0.0742004	0.482509	-2.07199	0.0268204	0.553392	-1.80704	0.482509	-2.07199	0.0268204	0.553392	-1.80704	1
cg05727930	RNF217	0.0481613	0.9125251	1.03633	1.03633	0.0252721	0.42158	-2.37203	0.00690502	0.321296	-3.1124	0.174276	1.59883	1.59883	0.4596781	1.27691	1.27691	0.696186	1.13589	1.13589	0.182955	1.70553	1.70553	0.388403	0.750485	-1.33247	0.261344	0.683622	-1.4628	3.43661	5.73858	1.4843	1
cg21944662	RNF219	0.0481258	0.335937	-2.52545	-2.52545	0.0568875	0.624416	-1.6015	0.0939371	0.532616	1.53616	5.71E-05	0.180445	-5.54167	0.385195	1.22642	1.22642	0.0031827	0.342519	-2.91955	0.0140191	0.498847	-2.00462	2.44E-06	0.0728532	-13.7253	0.0121343	0.488327	-2.04781	21.1079	30.8999	0.779916	1
cg17302158	RNF219	0.00366892	0.00475604	0.252529	-3.95995	0.0571253	0.463383	-2.15804	0.0101399	0.307228	-3.2549	0.437302	0.756855	-1.32126	0.00442063	0.120803	-8.27794	0.0100916	0.306862	-3.25879	7	7	0.21109	0.59292	1.59292	0.0955117	0.302329	0.307655	0.922658	4.12966	0.428871	1
cg18634806	RNF219	0.00967812	0.0270023	2.00642	2.00642	0.00246754	0.32646	-3.06317	0.00445759	0.364678	-2.74214	0.28029	1.34777	1.34777	0.737914	1.09341	1.09341	0.457404	0.817712	-1.22292	0.071079	1.70948	1.70948	0.498469	0.832987	-1.2005	0.317671	0.759821	-1.3161	5.97272	6.68933	0.99554	1
cg14691051	RNF219	0.0162377	0.56127	1.11507	1.11507	0.0388567	0.576128	-1.73543	0.841591	1.02355	1.02355	0.125649	0.456546	-2.19268	0.0010177	0.393075	-2.54256	0.0036642	0.416189	-2.4027	0.0043007	0.194116	-5.15107	0.0017837	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	0.0044707	1
cg00150520	RNF220	6.57E-05	5.23E-06	28.4686	28.4686	0.000979303	0.493435	4.89435	0.975156	1.01014	1.01014	0.0216653	2.44717	2.44717	5.96E-05	11.0769	11.0769	0.319808	0.71676	-1.39517	0.112114	0.570987	-1.75135	0.346745	1.36804	1.36804	0.000188788	7.68826	7.68826	24.7606	41.149	1.47722	1
cg21578207	RNF220	0.00443795	0.0134525	0.184273	-5.42673	0.0134525	0.184273	-5.42673	0.0134525	0.184273	-5.42673	0.0134525	0.184273	-5.42673	0.0134525	0.184273	-5.42673	0.0003719	0.0238724	-4.19031	0.0019922	0.0388972	-25.7208	0.0033603	0.0238724	-4.19031	0.0019922	0.0388972	-25.7208	0.0033603	0.0238724	-4.19031	0.0019922	0.0388972	-25.7208	1
cg08259951	RNF220	0.00091849	0.944293	-1.01354	1.01354	3.0914	1.20873	1.20873	1.39E-05	5.72853	5.72853	0.407565	1.17703	1.17703	0.947953	1.01264	1.01264	0.268505	1.24826	1.24826	0.98443	0.996252	-1.00376	0.048173	0.54418	1.54418

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111F 057 vs. N)	Fold-Change(111F 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg17868668	RNF39;RNF39	0.0143321	0.0397289	1.45742	1.45742	1.45742	1.80442	1.80442	0.333111	1.17216	1.17216	1.17216	0.0146661	1.60054	1.60054	1.24771	1.21257	1.21257	0.100451	0.751976	-1.32983	0.0426822	1.52592	1.52592	0.912793	1.0175	1.0175	1.2591	2.08099	0.353248	1
cg16170495	RNF39;RNF39	0.0145012	0.0356859	1.45376	1.45376	0.0120242	0.619145	-1.61513	0.115434	0.769562	-1.29944	0.266029	0.83746	-1.19409	0.602949	0.922822	1.08363		0.639894	1.07478	1.07478	0.00161186	0.500526	-1.9979	0.228132	1.21362	1.21362	0.828711	0.967382	-1.03372	1.23887	1.94358	0.329771	1
cg16370556	RNF39;RNF39	0.0147544	0.516347	0.877097	-1.14012	0.566928	1.12226	1.12226	0.705772	1.07852	1.07852	0.734514	0.934415	-1.07019	0.000584405	0.346682	-2.88449		0.564864	1.12296	1.12296	0.00652647	0.494424	-2.02256	0.387091	0.818049	-1.91325	0.430535	1.17392	1.17392	5.20904	3.2765	0.559113	1
cg23500724	RNF39;RNF39	0.0166175	0.532603	0.836559	-1.19537	0.0010976	1.89295	3.892056	0.152111	0.648498	-1.54212	0.370399	0.772471	-1.29455	0.0167182	0.438337	-2.28125		0.216421	0.692634	-1.44676	0.3944301	1.27934	1.27934	0.673679	1.12703	1.12703	0.557544	0.845803	-1.18231	5.007451	6.523198	1.12224	1
cg23709213	RNF39;RNF39	0.0183122	0.0998895	4.68021	4.68021	0.0013284	2.413728	23.4778	0.0155794	7.0105	7.0105	0.114582	3.01873	3.01873	0.0078348	2.72446	2.02446		0.863695	0.896548	-1.11539	0.0226034	5.962227	5.962227	0.01433332	7.27347	7.27347	0.0482372	4.32719	4.32719	5.41373	33.8936	4.86941	1
cg16582419	RNF39;RNF39	0.0184424	0.0184444	5.63049	5.63049	0.0123442	6.02884	6.02884	0.08844	0.5543382	5.5222	5.5222	0.339039	1.76522	1.76522	0.771368	1.18297	1.18297	0.513225	0.682242	-1.46576	0.0268932	4.53359	4.53359	0.00442354	8.93987	8.93987	0.0135159	5.829013	5.829013	8.83809	25.4808	4.68153	1
cg27493649	RNF39;RNF39	0.0194177	0.1644456	0.693346	-1.44228	0.03539988	1.83092	1.83092	0.389035	1.24353	1.24353	0.603311	0.878588	-1.13819	0.318658	0.775328	-1.28978		0.731033	1.08893	1.08893	0.851301	1.04742	1.04742	0.000654442	3.631552	3.631552	0.279567	1.31989	1.31989	4.75196	4.58787	0.858195	1
cg10568066	RNF39;RNF39	0.0376327	0.60897	0.06857	0.0310345	1.04092	1.02002	1.02002	0.18241	1.98239	1.98239	0.134475	4.23127	4.23127	0.0164125	12.67	12.67		0.59373	0.58105	-1.72101	0.00414387	27.8805	27.8805	0.0143118	15.6641	15.6641	0.0295299	9.19614	9.19614	4.63961	55.0841	10.5534	1
cg13401893	RNF39;RNF39	0.0221906	0.0329027	0.24755	0.24755	0.0139259	0.1559	0.1559	0.137255	2.54907	2.54907	0.087835	0.598834	0.598834	0.0133393	0.49668	0.49668		0.338111	0.484282	-2.06491	0.0027441	13.6663	13.6663	0.0142546	9.20108	9.20108	0.0521866	6.06154	6.06154	6.54048	38.7732	7.59062	1
cg06249604	RNF39;RNF39	0.0222685	0.0398094	9.31016	9.31016	0.0226235	12.9683	12.9683	0.137715	4.48442	4.48442	0.124118	4.77416	4.77416	0.0302861	10.9237	10.9237		0.818185	1.24131	1.24131	0.0101933	20.9328	20.9328	0.00400258	37.7478	37.7478	0.013665	17.518	17.518	4.53502	63.2988	12.4069	1
cg09533428	RNF39;RNF39	0.0226142	0.0771454	2.01637	2.01637	0.0018323	3.44559	3.44559	0.0337179	2.3715	2.3715	0.0460739	2.26079	2.26079	0.0126181	5.51917	5.51917		0.139617	0.567065	-1.76347	0.3815887	3.17755	3.17755	0.0155013	2.173962	2.173962	0.2384535	2.084315	2.084315	4.51106	9.0983	1.79279	1
cg13169221	RNF39;RNF39	0.0237303	0.603813	0.868157	-1.15186	0.0121626	2.325533	2.325533	0.22312	0.707719	-1.41299	0.48348	1.21206	1.21206	0.7793	1.08088	1.08088		0.542623	0.846673	-1.18109	0.00245537	0.330513	-3.12	0.292272	0.744466	-1.34324	0.148575	1.51959	1.51959	4.51249	1.02677	1
cg09279736	RNF39;RNF39	0.0247509	0.3257138	3.65754	0.0772512	2.82243	2.82243	0.15858	2.36811	1.59811	0.0372619	3.14255	3.14255	0.0198864	4.20966	4.20966			0.993653	0.99546	-1.00456	0.00475282	8.53073	8.53073	0.00580072	7.88685	7.88685	0.0174306	5.237	5.237	4.40189	22.8129	4.60868	1
cg12633154	RNF39;RNF39	0.0246471	0.0551474	5.67062	5.67062	0.0422168	5.47353	5.47353	0.176412	3.14892	3.14892	0.0785972	4.75495	4.75495	0.022924	8.77551	8.77551		0.546709	0.614592	-1.6271	0.00304029	25.5542	25.5542	0.01524606	10.7882	10.7882	0.0590451	5.48179	5.48179	4.37881	44.1767	8.96777	1
cg16078649	RNF39;RNF39	0.0251579	0.0317724	7.42367	7.42367	0.442368	6.44688	6.44688	0.101945	4.16123	4.16123	0.145673	3.47029	3.47029	0.0156034	10.6071	10.6071		0.630455	0.679721	-1.47119	0.00888622	14.1803	14.1803	0.0100579	13.2928	13.2928	0.0259482	8.21102	8.21102	4.34737	43.6801	8.93041	1
cg02093507	RNF39;RNF39	0.0263206	0.0118617	7.9441	6.79441	0.0064478	8.67865	8.67865	0.0624016	5.59436	5.59436	0.181784	2.373398	2.373398	0.0248969	5.09527	5.09527		0.948853	1.0415	1.0415	0.0304723	4.71709	4.71709	0.0182965	5.73618	5.73618	0.0363745	4.41013	4.41013	4.2797	25.2193	5.23882	1
cg06357743	RNF39;RNF39	0.0265635	0.0521467	0.306516	-3.26247	0.000816659	0.0671404	-14.8942	0.174054	0.461122	-2.16862	0.799129	0.872403	-1.14626	0.0514589	0.305167	-3.2769		0.100499	0.381694	-2.6199	0.0432799	0.288104	-3.47036	0.07366995	0.343897	-2.90785	0.264109	0.536269	-1.86474	4.26596	19.3609	4.03418	1
cg01286585	RNF39;RNF39	0.0269619	0.0148854	8.71713	8.71713	0.0105945	10.1882	10.1882	0.0604197	6.63178	6.63178	0.056347	4.76056	4.76056	0.046786	9.04739	9.04739		0.99373	1.00569	1.00569	0.230564	2.47994	2.47994	0.00657147	12.793	12.793	0.0718192	7.91963	7.91963	4.24377	35.0469	7.34084	1
cg01019745	RNF39;RNF39	0.0270013	0.0349572	0.74158	0.74158	0.0102081	0.80152	0.80152	0.149432	2.66937	2.66937	0.101981	2.64823	2.64823	0.0158021	6.68521	6.68521		0.83923	1.13773	1.13773	0.0871483	3.15645	3.15645	0.0111075	7.55615	7.55615	0.0834846	3.76084	3.76084	4.40955	27.2173	5.82389	1
cg06892912	RNF39;RNF39	0.0291776	0.0953831	2.18843	2.18843	0.0500705	2.5988	2.5988	0.0303143	2.9697	2.9697	0.332319	1.53345	1.53345	0.293417	1.59343	1.59343		0.0259437	3.09591	3.09591	0.00213635	6.32276	6.32276	0.0424073	2.71595	2.71595	0.0258914	3.09758	3.09758	4.1273	11.9446	2.57249	1
cg23745282	RNF39;RNF39	0.0298611	0.4565446	1.09422	1.09422	0.0093238	1.27259	1.27259	0.0173238	1.18758	1.18758	0.134157	1.22123	1.22123	0.184702	1.18364	1.18364		0.451843	1.0952	1.0952	0.0307914	0.659179	-1.51704	0.01843	1.39959	1.39959	0.8632027	1.02085	1.02085	4.03557	0.912487	0.19814	1
cg05563515	RNF39;RNF39	0.0318248	0.0196428	13.2528	13.2528	0.00896154	21.6068	21.6068	0.0599863	6.99637	6.99637	0.0861639	6.58739	6.58739	0.0218272	12.8724	12.8724		0.956384	1.05142	1.05142	0.302079	0.575155	0.93988445	0.958515	1.014151	1.014151	0.64086	1.04089	1.04089	4.00173	53.2703	11.8327	1
cg03782043	RNF39;RNF39	0.0322099	0.0953259	0.97601	-1.02503	0.0809657	1.24216	1.24216	0.0884994	1.40414	1.40414	0.165391	1.29151	1.29151	0.0818794	1.42066	1.42066		0.993653	0.99546	-1.00456	0.00475282	8.53073	8.53073	0.00580072	7.88685	7.88685	0.0174306	5.237	5.237	4.40189	22.8129	4.60868	1
cg18930910	RNF39;RNF39	0.0325227	0.0370321	1.31014	1.31014	0.584652	1.29706	1.29706	0.0934037	2.38583	2.38583	0.0214661	3.67609	3.67609	0.430294	1.46133	1.46133		0.334407	1.59857	1.59857	0.351749	1.57078	1.57078	0.0117156	4.41033	4.41033	0.00284594	6.92735	6.92735	3.85707	13.5639	3.1259	1
cg13199577	RNF39;RNF39	0.0357828	0.364593	0.632877	-1.58009	0.0449915	6.19724	6.19724	0.0343429	3.38654	3.38654	0.0326029	3.41456	3.41456	0.852102	1.09603	1.09603		0.981049	0.98804	-1.01173	0.765529	1.15819	1.15819	0.60408	1.29633	1.29633	0.0130644	4.53518	4.53518	4.38266	14.6502	3.39457	1
cg24276797	RNF39;RNF39	0.0367944	0.0315992	1.0354	1.0354	0.0135021	0.463166	0.463166	0.0624016	1.59436	1.59436	0.184199	1.42809	1.42809	0.0400124	2.07438	2.07438		0.155264	1.20095	1.20095	0.0033387	0.601154	-1.66312	0.0010204	1.24388	1.24388	0.0196535	0.764366	0.764366	4.13082	7.44658	1.73035	1
cg26730543	RNF39;RNF39	0.0369152	0.243555	1.28103	1.28103	0.0183285	1.78787	1.78787	0.700405	0.924526	-1.08163	0.810176	1.05005	1.05005	0.0433317	1.60271	1.60271		0.0600182	0.650101	-1.53822	0.0156357	1.82493	1.82493	0.0411845	1.61301	1.61301	0.587362	1.1177	1.1177	3.79303	2.47485	0.579675	1
cg24103044	RNF39;RNF39	0.0369198	0.0483287	1.83967	1.83967	0.2833	1.0568	1.0568	0.0555663	1.90901	1.90901	0.0823601	1.40086	1.40086	0.0181829	1.94027	1.94027		0.429378	1.24501	1.24501	0.0315536	2.40086	2.40086	0.0234654	2.42705	2.42705	0.0204764	2.54472	2.54472	0.847359	1.18014	0.37948	4.52231	1.0227	1
cg07382347	RNF39;RNF39	0.0393293	0.0551996	523	5.23	0.138772	2.36321	1.36321	0.134309	1.43705	1.43705	0.0555016	5.2121	5.2121	0.0396575	1.45235	1.45235		0.728737	1.767212	1.30342	0.0201183	8.27215	8.27215	0.00596715	15.425	15.425	0.0207062	8.33181	8.33181	3.70612	34.0041	8.15565	1
cg15877520	RNF39;RNF39	0.0395138	0.0648721	6.21046	6.21046	0.0635819	6.27922	6.27922	0.156552	3.79959	3.79959	0.110503	4.62716	4.62716	0.0226259	11.0713	11.0713		0.746058	1.33139	1.33139	0.0191334	12.1528	12.1528	0.0089391	18.7166	18.7166	0.0151855	13.8326	13.8326	3.69975	45.465	10.9233	1
cg26035615	RNF39;RNF39	0.0396572	0.768324	0.96154	-1.30153	0.2715101	1.14592	1.14592	0.0158284	2.10384	2.10384	0.0163163	2.07339	2.07339	0.0127588	2.23014	2.23014		0.259875	1.12936	1.12936	0.0370944	0.559695	-1.78652	0.0162	1.06296	1.06296	0.610818	0.948262	0.948262	3.85363	0.850963	0.150833	1
cg19046933	RNF39;RNF39	0.0417854	0.0707233	5.22056	5.22056	0.0076394	16.5581	16.5581	0.0156032	11.318	11.318	0.102945	4.30567	4.30567	0.227349	2.82104	2.82104		0.293391	0.409858	-2.43987	0.67681	1.40922	1.40922	0.0310098	1.94184	1.94184	0.113931	2.58059	2.58059	3.62492	38.4392	9.42779	1
cg12704854	RNF39;RNF39	0.0423635	0.1143816	0.73278	0.73278	-1.28153	0.0806657	1.24216	0.0884994	1.40414	1.40414	0.165391	1.29151	1.29151	0.0818794	1.42066	1.42066		0.0315508	0.48185	-2.07564	0.00953088	2.297713	2.297713	0.0135897	3.01502	3.01502	0.0417242	2.54982	2.54982	4.08596	14.0485	3.44005	1
cg24330456	RNF39;RNF39	0.0435673	0.0152364	12.3441	12.3441	0.010661	14.9892	14.9892	0.0414343	7.26603	7.26603	0.191504	3.2095	3.2095	0.11116	4.32077	4.32077		0.633821	1.667183	1.49884	0.162751	3.51343	3.51343	0.0334958	8.12346	8.12346	0.0334375	8.13103	8.13103	3.56839	40.1901	10.0114	1
cg10930308	RNF39;RNF39	0.0445225	0.0205025	12.8081	12.8081	0.0440072	8.28169	8.28169	0.19817	3.46355	3.46355	0.0651698	6.62746	6.62746	0.0367714	9.17077	9.17077		0.56993	0.591849	-1.68962	0.0355522	9.34821	9.34821	0.0166647	14.4413	14.4413	0.0536959	7.39782	7.39782	3.51963	46.7765	11.7468	1
cg27289478	RNF4	0.0454524	0.4649911	1.1111	1.1111	0.0095295	1.57979	1.57979	0.0114424	1.94892	1.94892	0.0886	1.63067	1.63067	0.0317315	2.32031	2.32031		0.954124	1.0133	1.0133	0.0010204	2.259932	2.259932	0.0008411	2.82411	2.82411	0.0124313	3.09635	3.09635	4.76466	13.3082	2.74618	4.39335	0.539727	1
cg25328202	RNF4	0.0130682	0.0365265	0.816031	-1.22544	0.239481	1.10855	1.10855	0.648448	0.962327	-1.03915	0.751849	1.02689	1.02689	0.000483982	1.58054	1.58054		0.30458	0.914894	-1.09302	0.155374	1.13564	1.13564	0.167495	1.13098	1.13098	0.4757999	1.06254	1.06254	5.42087	0.608888	0.0985309	1
cg16474684	RNF40	0.0477677	0.5175064	1.04455	1.04455	0.0325474	0.933419	0.933419	0.0546	2.05846	2.05846	0.0183788	1.41244	1.41244	0.0170195	2.44551	2.44551		0.903553	0.90746	-1.10175	0.0155705	1.30815	1.30815	0.0242619	1.64498	1.64498	0.0129009	1.85881	1.85881	4.13885	4.92009	1.18285	1
cg26864012	RNF40	7.18E-05	3.37E-06	0.101862	-9.81722	0.0659398	1.46266	1.46266	0.158936	0.730635	-1.36867	0.490811	1.15706	1.15706	2.29E-05	0.170919	5.85073		0.020391	1.55842	-1.79077	0.09094	0.678301	-1.47427	0.343645	0.815992	-1.2255	0.00219525	0.408547	-2.44747	24.1485	16.6432	0.61171	1
cg16626314	RNF40	0.0002503	0.507058	1.09651	1.09651	0.2831317	0.857899	-1.16564	0.0347956	1.40042	1.40042	8.34E-06	0.264529	-3.7803	0.0374703	0.71859	-1.39161		0.0013544	0.528931	-1.89061	0.00556331	0.60743	-1.64628	0.180148	1.2151	1.2151	0.0160572	0.66808	-1.49683	17.2841	5.12886	0.263768	1
cg03134783	RNF40	0.0350388	0.82099	0.868807	-1.15107	0.0333419	1.08662	1.08662	0.0568	1.70968	1.70968	0.0268388	1.41244	1.41244	0.0170195	2.44551	2.44551		0.0030402	0.627746	-1.59292	0.0033268	0.277097	-3.60911	0.0002	0.277097	-3.60911	0.0002	0.277097	-3.60911	0.0002	4.52231	1.0227	1
cg01369689	RNF40	0.0356722	0.162238	0.730106	-1.36966	0.319165	2.24238	2.24238	0.0189152	1.82077	1.82077	0.125923	1.41777	1.41777	0.0372906	1.84115	1.84115		0.0518468	0.627239	-1.59429	0.1208	0.700196	0.70196	0.140751	0.703196	0.703196	0.0221525	0.408547	-2.44747	0.343645	0.815992	-1.2255	0.00219525	0.408547	-2.44747	14.2485	16.6432	0.61171	1
cg26774410	RNF40	0.0373032	0.1644888	0.608	-1.64474	0.0886902	0.611584	0.611584	0.0563163	1.64392	1.64392	0.0160102	1.64043	1.64043	0.0150102	2.16133	2.16133		0.509956	1.14866	1.14866	0.0174994	0.760619	-1.31512	0.0287571	0.603816	-1.65602	0.0136644	0.535893	0.535893	3.98902	0.577367	0.144902	1
cg27578637	RNF40	0.0479696	0.240778	0.613415	-1.63022	0.0510143	0.412926	-2.42174	0.0906757	0.476268	-2.09966	0.510625	0.766784	-1.30415	0.00279046	0.19395	-5.15596		0.159327	0.549625	-1.81942	0.0134408	0.295383	-3.38032	0.725983	0.869335	-1.1503	0.785771	1.80725	-1.11452	3.44179	8.63261	2.22949	1
cg26185645	RNF40	0.0490546	0.308315	0.591139	-1.69175	0.0127852	2.62054	2.62054	0.0433621	2.06309	2.06309	0.91689	1.02244	1.02244	0.0183183	2.01825	2.01825		0.638551	1.15879	1.15879	0.0281529	0.741107	-1.34981	0.0216203	0.613088	-1.63076	0.0134681	0.521991	0.521991	3.98707	0.888147	0.222911	1
cg05752096	RNF40;C16orf93	0.0131393	0.228152	0.624425	-1.60147	0.205388	0.554423	1.80443	0.0124743	1.80443	0.124743	0.55658	1.85658	0.538107	0.703364	1.42174	1.42174		0.247094	0.637269	-1.5692	0.1640454	1.73814	1.73814	1.7	0.0676348	1.34452	1.34452	0.0519736	0.726355	-1.37674	0.00380012	1.75856	1.75856	0.5032075	1.10352	1.10352	3.74728	1.24094	0.294363	1
cg03941744	RNF40;C16orf93;C16orf93	0.0028263	0.525028	1.07162	-1.80153	0.2715101	1.14592	1.14592	0.0158284	2.10384	2.10384	0.0163163	2.07339	2.07339	0.0127588	2.23014	2.23014		0.259875	1.12936	1.12936	0.0370944	0.559695	-1.78652	0.0162	1.06296	0.610818	0.948262	0.948262	3.85363	0.850963	0.150833	1			
cg19046933	RNF39;RNF39	0.0417854	0.0707233	5.22056	5.22056	0.0076394	16.5581	16.5581	0.0156032	11.318	11.318	0.102945	4.30567	4.30567	0.227349	2.82104	2.82104		0.293391	0.409858	-2.43987	0.67681	1.40922	1.40922	0.0310098	1.94184	1.94184	0.113931	2.58059	2.58059	3.62492	38.4392	9.42779	1
cg12704854	RNF39;RNF39	0.0423635	0.1143816	0.73278	0.73278	-1.28153	0.0806657	1.24216	0.0884994	1.40414	1.40414	0.165391	1.29151	1.29151	0.0818794	1.42066	1.42066		0.0315508	0.48185	-2.07564	0.00953088	2.297713	2.297713	0.0135897	3.01502	3.01502	0.0417242	2.54982	2.54982	4.08596	14.0485	3.44005	1
cg24330456	RNF39;RNF39	0.0435673	0.0152364	12.3441	12.3441	0.010661	14.9892	14.9892	0.0414343	7.26603	7.26603	0.191504	3.2095	3.2095	0.11116	4.32077	4.32077		0.633821	1.667183	1.49884	0.162751	3.51343	3.51343	0.0334958	8.12346	8.12346	0.0334375	8.13103	8.13103	3.56839	40.1901	10.0114	1
cg10930308	RNF39;RNF39	0.0445225	0.0205025	12.8081	12.8081	0.0440072	8.28169	8.28169	0.19817	3.46355	3.46355	0.0651698	6.62746	6.62746	0.0367714	9.17077	9.17077		0.56993	0.591849	-1.68962	0.0355522	9.34821	9.34821	0.0166647	14.4413	14.4413	0.0536959	7.39782	7.39782	3.51963	46.7765	11.7468	1
cg27289478	RNF4	0.0454524	0.4649911	1.1111	1.1111	0.0095295	1.57979	1.57979	0.0114424	1.94892	1.94892	0.0886	1.63067	1.63067	0.0317315	2.32031	2.32031		0.954124	1.0133	1.0133	0.0010204	2.259932	2.259932	0.0008411	2.82411	2.82411	0.0124313	3.09635	3.09635	4.76466	13.3082	2.74618	4.39335	0.539727	1
cg25328202	RNF4	0.0130682	0.0365265	0.816031	-1.22544	0.239481	1.10855	1.10855	0.648448	0.962327	-1.03915	0.751849	1.02689	1.02689	0.000483982	1.58054	1.58054		0.30458	0.914894	-1.09302	0.155374	1.13564	1.13564	0.167495	1.13098	1.13098	0.4757999	1.06254	1.06254	5.42087	0.608888	0.0985309	1
cg16474684	RNF40	7.18E-05	3.37E-06	0.101862	-9.81722	0.0659398	1.46266	1.46266	0.158936	0.730635	-1.36867	0.490811	1.15706	1.15706	2.29E-05	0.170919	5.85073		0.020391	1.55842	-1.79077	0.09094	0.678301	-1.47427	0.343645	0.815992	-1.2255	0.00219525	0.408547	-2.44747	24.1485	16.6432	0.61171	1
cg16626314	RNF40	0.0002503	0.507058	1.09651	1.09651	0.2831317	0.857899	-1.16564	0.0347956	1.40042	1.40042	8.34E-06	0.264529	-3.7803	0.0374703	0.71859	-1.39161		0.0013544	0.528931	-1.89061	0.00556331	0.60743	-1.64628	0.180148	1.2151	1.2151	0.0160572	0.66808	-1.49683	17.2841	5.12886	0.263768	1
cg03134783	RNF40	0.0350388	0.82099	0.868807	-1.15107	0.0333419	1.08662	1.08662	0.0568	1.70968	1.70968	0.0268388	1.41244	1.41244	0.0170195	2.44551	2.44551		0.0030402	0.627746	-1.59292	0.0033268	0.277097	-3.60911	0.0002	0.277097	-3.60911	0.0002	0.277097	-3.60911	0.0002	4.52231	1.0227	1
cg01369689	RNF40	0.0356722	0.162238	0.730106	-1.36966	0.319165	2.24238	2.24238	0.0189152	1.82077	1.82077	0.125923	1.41777	1.41777	0.0372906	1.84115	1.84115		0.0518468	0.627239	-1.59429	0.1208	0.700196	0.70196	0.140751	0.703196	0.703196	0.0221525	0.408547	-2.44747	0.343645	0.815992	-1.2255	0.00219525	0.408547	-2.44747	14.2485	16.6432	0.61171	1
cg26774410	RNF40	0.0373032	0.1644888	0.608	-1.64474	0.0886902	0.611584	0.611584	0.0563163	1.64392	1.64392	0.0160102	1.64043	1.64043	0.0150102	2.16133	2.16133		0.509956	1.14866	1.14866	0.0174994	0.760619	-1.31512	0.0287571	0.603816	-1.65602	0.0136644	0.535893	0.535893	3.98902	0.577367	0.144902	1
cg27578637	RNF40	0.0479696	0.240778	0.613415	-1.63022	0.0510143	0.412926	-2.42174	0.0906757	0.476268	-2.09966	0.510625	0.766784	-1.30415	0.00279046	0.19395	-5.15596		0.159327	0.549625	-1.81942	0.0134408	0.295383	-3.38032	0.725983	0.869335	-1.1503	0.785771	1.80725	-1.11452	3.44179	8.63261	2.22949	1
cg26185645	RNF40	0.0490546	0.308315	0.591139	-1.69175	0.0127852	2.62054	2.62054	0.0433621	2.06309	2.06309	0.91689	1.02244	1.02244	0.0183183	2.01825	2.01825		0.638551	1.15879	1.15879	0.0281529	0.741107	-1.34981	0.0216203	0.613088	-1.63076	0.0134681	0.521991	0.521991	3.98707	0.888147	0.222911	1
cg05752096	RNF40;C16orf93	0.0131393	0.228152	0.624425	-1.60147	0.205388	0.554423	1.80443	0.0124743	1.80443	0.124743	0.55658	1.85658	0.538107	0.703364	1.42174	1.42174		0.247094	0.637269	-1.5692	0.

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Probeset ID	UCSC_REFGENE_NAME RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs.057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.127 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs.537 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs.637 vs. N)	F(Test	SS(Test	SS(Error)	F(Error)
cg03720581	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R	0.0273529	0.6632871	0.650852	-1.53645	0.943049	0.985417	-1.0148	0.698521	0.923089	-1.08332	0.44177	1.17398	1.17398	0.015845	0.544803	-1.83553	0.013083	0.531051	-1.88306	0.139123	1.38727	1.38727	0.767626	1.06282	1.06282	0.0275649	1.7088	1.7088	4.22237	2.82744	0.59523	1
cg16454684	NH1;RNH1 RNH1;RNH1;RNH1;RNH1;RNH1;R	0.0324792	0.619	0.925176	-1.08088	0.794163	1.0414	1.0414	0.062797	1.38373	1.38373	0.553197	0.911138	-1.09753	0.939798	0.98835	-1.01179	0.00286169	1.89007	1.89007	0.0431373	1.43472	1.43472	0.363431	0.865105	-1.15593	0.0960193	0.753078	-1.32788	3.97267	1.51432	0.33883	1
cg20813589	NH1;RNH1 RNH1;RNH1;RNH1;RNH1;RNH1;R	0.043941	0.0221172	0.306233	-3.26549	0.875068	0.934392	-1.07022	0.09266518	2.225125	2.22125	0.12959	2.0264	2.0264	0.136743	0.500887	-1.99644	0.499816	1.34369	1.34369	0.0384288	0.355413	-2.81863	0.257278	1.66513	1.66513	0.0572383	0.426137	-2.34567	3.55705	10.4791	2.61868	1
cg03934478	NH1;RNH1 RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R	0.0456655	0.0340621	3.74885	3.74885	0.0751372	2.88249	2.88249	0.504549	1.43587	1.43587	0.0537898	3.22128	3.22128	0.287355	1.80427	1.80427	0.146528	2.29914	2.29914	0.00353735	8.26659	8.26659	0.050843	3.28205	3.28205	0.0285542	3.97583	3.97583	3.50618	15.8477	4.01772	1
cg00473112	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R NH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.00412689	0.866797	1.0205	1.0205	0.163035	1.19718	1.19718	0.365331	0.893667	-1.11898	0.158004	1.20014	1.20014	0.183927	0.843348	-1.18575	0.267117	1.14997	1.14997	8.65E-05	0.426783	-2.34311	0.230458	0.858938	-1.16423	0.362122	1.11988	1.11988	7.77886	1.79979	0.205661	1
cg00281100	RNLS	0.0196547	0.0279838	0.309679	-3.22915	0.5785621	0.379753	-2.63329	0.15202	0.500145	-1.99942	0.013058	0.249011	-4.01589	0.00800195	0.215702	-4.63602	0.0193384	0.278836	-3.58634	0.00413613	0.17622	-5.67472	0.602748	0.788931	-1.26754	0.0329779	0.324348	-3.08311	4.73246	15.2792	2.86987	1
cg07301771	RNLS	0.0317839	0.0301582	0.266854	-3.74737	0.1717934	0.213394	-4.50665	0.03183854	0.2716021	-3.68185	0.0729255	0.356765	-2.80397	0.0227305	0.319758	-5.03157	0.0232723	0.249449	-4.00585	0.0156039	0.224812	-4.65523	0.0156042	0.2030997	-4.92376	0.0735181	0.1598105	-6.25248	4.40127	17.4098	3.07667	1
cg04812509	RNLS;RNLS	3.98E-06	0.252039	1.24515	1.24515	0.0602956	1.41001	1.41001	0.866039	1.02776	1.02776	0.444429	1.07828	1.07828	0.0263997	0.652458	-1.53257	0.0479657	1.44288	1.44288	0.0586523	0.707242	-1.41394	0.00467677	1.84009	1.84009	3.55E-08	24.5213	24.5213	51.4684	21.4374	0.370236	1
cg06188999	RNLS;RNLS	9.91E-06	0.133755	1.49261	1.49261	0.00164302	0.910217	1.91017	0.661615	1.89666	-1.11525	0.0314093	0.535191	-1.86849	0.230504	0.732318	-1.36553	0.00260461	2.80932	2.80932	1.68E-05	0.82881	1.92285	5.09E-05	6.55374	6.55374	6.52E-07	28.9049	28.9049	40.6651	39.5032	0.863491	1
cg06097910	RNLS;RNLS	0.0110237	0.8191787	1.81917	1.81917	0.0402351	1.1195	1.1195	0.232525	0.5782563	1.25767	2.75767	0.00801106	5.02506	0.0025705	4.89193	0.0183853	5.79004	0.00031106	6.55006	0.0025705	2.19194	2.19194	0.00264123	3.97002	3.97002	2.24E-06	8.75575	8.75575	30.7833	17.1663	0.495689	1
cg15972243	RNLS;RNLS	4.25E-05	0.728201	0.935484	-1.06897	0.0001509	3.46774	3.46774	0.000297861	0.324522	-3.08145	0.0380213	0.631427	-1.58371	7.61E-05	0.253784	-3.94036	0.00136892	2.43005	2.43005	0.00115367	2.49149	2.49149	0.000792545	2.63549	2.63549	0.00392173	1.88621	1.88621	27.7853	16.0805	0.514436	1
cg05339066	RNLS;RNLS	0.0061601	2.34543	2.34543	0.000966527	5.57869	5.57869	0.0588059	2.19287	2.19287	0.685882	-1.45798	0.225995	0.640912	-1.56028	0.0239277	5.44722	1.54422	0.00215201	4.08508	4.08508	0.000532732	6.61535	6.61535	5.00E-06	38.0572	38.0572	19.5001	37.8114	1.72359	1
cg01310095	RNLS;RNLS	0.000555023	0.673829	1.10655	1.10655	0.00149979	2.58736	2.58736	0.0448391	1.64684	1.64684	0.0487324	1.582516	-1.77318	0.282616	0.750641	-1.33606	0.109435	1.51802	1.51802	0.0285034	1.85553	1.85553	0.00433452	2.48886	2.48886	2.17E-05	7.70857	7.70857	13.882	12.5754	0.805224	1
cg06981182	RNLS;RNLS	0.000631282	0.164041	1.70428	1.70428	0.108051	1.8767	1.8767	0.421533	1.34285	1.34285	0.0932051	0.515296	-1.94063	0.130159	0.556036	-1.79845	0.0229998	2.6546	2.6546	0.00171158	4.99021	4.99021	0.000584682	6.74199	6.74199	4.99E-05	15.3783	15.3783	13.3866	27.3293	1.8147	1
cg18193294	RNLS;RNLS	0.00097858	0.538033	1.45923	1.45923	0.00325353	1.73899	1.73899	0.470501	1.55315	1.55315	0.144821	0.932344	-1.87948	0.0189141	0.537494	-1.86025	0.0009399	3.02021	3.02021	0.0287809	4.77294	4.77294	0.00414997	10.2684	10.2684	6.46E-05	85.6117	85.6117	11.7737	68.5017	5.17174	1
cg19235339	RNLS;RNLS	0.00174512	0.622222	0.818031	-1.22245	0.258629	1.61073	1.61073	0.645643	1.20594	1.20594	0.437945	0.726152	-1.37712	0.502438	0.759358	-1.3169	0.136708	0.528884	-1.91247	0.552463	0.784216	-1.27516	0.0725766	2.24841	2.24841	2.54E-05	29.378	29.378	10.0314	25.9873	2.30275	1
cg11861709	RNLS;RNLS	0.00410755	0.2920019	1.55517	1.55517	0.0208245	0.490615	-2.03819	0.547467	0.731562	1.31956	0.199825	0.199825	0.312412	0.655688	-1.52511	0.196097	0.5753703	-1.73701	0.286259	2.15016	0.211026	0.133239	3.5999	-3.5999	0.0046151	4.62708	4.62708	0.0020867	10.9288	1.78209	0.412756	1
cg26464188	RNLS;RNLS	0.00659008	0.781611	0.937881	-1.06623	0.401003	1.21942	1.21942	0.0424891	0.583264	-1.71449	0.856633	0.959126	-1.04262	0.00109279	0.328998	3.03954	0.000939937	0.32021	-3.12295	0.808322	0.945456	-1.05769	0.680744	0.908941	-1.10018	0.00958389	0.469108	-2.1317	6.740515	5.6853	0.749735	1
cg23809813	RNLS;RNLS	0.0132932	0.0133142	0.286699	-3.48798	0.236172	0.630385	-1.65814	0.0119221	0.278499	-3.59067	0.0541149	0.41044	-2.43641	0.00889705	0.257676	-3.88085	0.0231929	0.330998	-3.02117	0.00199061	0.168882	-5.92131	0.663853	0.428003	-2.33643	0.0174498	0.307621	-3.25076	5.7907	14.1694	2.33643	1
cg26008023	RNLS;RNLS	0.0226273	0.0647207	0.573598	-1.74338	0.00126535	0.393533	-3.52693	0.0176587	0.465156	-2.16577	0.903158	0.968637	-1.03238	0.496368	0.810081	-1.23325	0.6608519	1.12556	1.12556	0.286412	1.34524	1.34524	0.686758	1.8970382	-1.11473	0.0530005	0.55483	-1.80255	4.55674	5.12297	1.01043	1
cg23126166	RNLS;RNLS	0.0444713	0.506814	0.752158	-1.32951	0.0856922	0.447871	-2.23278	0.0249679	0.323641	-3.08985	0.155013	0.525409	-1.90328	0.0178187	0.295786	-3.38082	0.1008556	0.46771	-2.13808	0.0108745	0.258673	-3.86589	0.184604	1.81317	1.81317	0.5256661	0.761889	-1.31253	3.54115	10.0295	2.51759	1
cg24451141	RNMT	0.0156014	0.374944	1.34263	1.34263	0.0139707	1.67737	1.67737	0.115854	0.575245	-1.73839	9.00E-05	0.103698	-3.64214	0.0215395	0.409237	-2.44279	0.934916	1.02677	1.02677	0.813796	1.07933	1.07933	0.78342	1.1081	1.1081	0.0576037	0.499234	-2.00307	8.10416	3.41454	1.47364	1
cg15808472	RNMT	0.0124466	0.00627579	0.126937	-7.87794	0.0091686	0.1645	-6.82593	0.0232325	0.3229	-3.09707	0.249709	-4.8193	0.0149986	0.340541	-2.9365	0.0078292	0.1382231	7.23428	0.2933389	0.5316231	-1.88103	0.0189084	0.1405	7.11842	-14.2829	0.0626764	0.2960935	-3.36774	0.0710624	3.10705	0.271	1
cg12953443	RNMT;C18orf19;C18orf19	0.00830594	0.525856	0.831843	-1.20215	0.387248	0.775811	-1.28897	0.787517	1.08045	1.08045	0.0573217	0.540168	-1.85128	0.597933	0.858614	-1.16467	0.00011347	0.143521	-6.9676	0.634909	1.14684	1.14684	0.569647	1.17891	1.17891	0.2108851	0.685493	-1.4588	6.26957	8.14635	1.15497	1
cg22795742	RNMT1	0.00025194	0.00788984	0.384629	-2.59944	0.0140878	0.615345	-1.62504	0.0164864	0.605153	-1.65203	0.0158241	0.607235	-1.64682	0.0215395	0.409237	-2.44279	0.0007104	0.378695	-2.64065	0.00399637	0.390997	-2.55756	0.0750714	0.1721313	5.80976	-5.80976	0.0044297	0.225742	-4.42994	0.0006823	0.357446	2.67573	0.4992007	1
cg17094593	RNMT1	0.0268868	0.0316882	0.62457	1.60457	0.260463	1.25811	1.25811	0.284302	1.24307	1.24307	0.230787	0.781987	-1.27879	0.00616586	0.497141	2.0115	0.0199638	0.767143	-1.30354	0.660953	0.939323	-1.06776	0.0399442	1.59124	1.59124	0.230439	0.781829	-1.27905	4.24792	2.57463	0.538748	1
cg15971496	RNMT1;GLOD4	3.01E-05	0.0429182	0.5552	1.80135	0.0553195	2.62594	2.62594	0.0138355	0.4906531	-2.03819	0.547467	0.739962	-1.38896	0.553851	0.40922	-2.44379	0.0001752	0.166504	-6.00715	0.0057033	0.173701	5.75603	-5.75603	0.0090491	-1.0096	-1.00096	0.0109002	0.574821	-1.74008	0.85955	3.78206	2.21	0.530223	1
cg03267742	RNMT1;GLOD4	3.01E-05	3.24E-05	0.324747	-3.07932	0.00451549	0.590523	-1.69341	0.386413	0.883746	-1.13154	0.342076	1.14597	1.14597	0.00118321	0.515827	1.91864	5.20E-05	0.348807	-2.86691	1.35E-05	0.281414	-3.55349	1.23E-05	0.2769021	-3.61139	0.000508135	0.469565	2.12963	30.4319	3.33729	0.272734	1
cg17560340	RNMT1;GLOD4	0.00147576	0.965413	1.00927	1.00927	0.00186392	0.259532	-3.85309	0.0215454	0.555761	-1.79933	0.00397017	0.438558	-2.2802	0.952594	1.01273	1.01273	0.195217	0.747109	-1.33849	0.730891	1.07624	1.07624	0.652221	0.907971	-1.10136	0.000207099	0.266597	-3.75097	10.5288	7.55141	0.637522	1
cg18634637	RNMT1;GLOD4	0.00263478	0.0520368	0.5933	1.68553	0.0553195	2.62594	2.62594	-1.32736	0.4906531	-2.03819	0.547467	0.739962	-1.38896	0.553851	0.40922	-2.44379	0.0001752	0.166504	-6.00715	0.0057033	0.173701	5.75603	-5.75603	0.0090491	-1.0096	-1.00096	0.0109002	0.574821	-1.74008	0.85955	3.78206	2.21	0.530223	1
cg00860370	RNPC3	0.0195006	0.879708	0.964588	-1.03671	0.105369	0.656246	-1.52382	0.373612	0.804757	-1.24289	0.405663	1.22451	1.22451	0.00660636	0.431925	2.31522	0.341866	1.26258	1.26258	0.0302353	0.545209	-1.83416	0.0584927	0.601151	-1.66347	0.0144753	2.04892	2.04892	4.74511	4.25949	0.797919	1
cg18141532	RNPC3	0.0213191	0.816203	1.14904	1.14904	0.0141356	1.41911	1.41911	0.0996383	1.70236	1.70236	0.0450752	0.459582	-1.47589	0.0422744	0.427828	2.34028	0.165673	0.649662	-1.53926	0.604992	0.857157	1.16658	0.0657152	1.87084	1.87084	0.0082982	0.484821	0.20431	1.19806	1
cg13908518	RNPC3;AMY2B	0.0181986	0.0789225	0.770626	-1.29765	0.0243832	0.698896	-1.43083	0.480286	0.9805	-1.10056	0.0034742	0.169846	1.69846	0.179978	0.826817	1.20946	0.482929	0.909165	-1.09991	0.0336196	1.39297	1.39297	0.27991	1.8606598	-1.16185	0.964911	1.00589	0.857516	1.37202	0.251087	1
cg24406691	RNPC3;RNPC3	8.51E-05	0.873098	0.984477	-1.01577	1.37E-06	3.3455	3.3455	0.121152	1.17879	1.17879	0.114822	0.845494	-1.18274	0.00300227	1.48928	1.48928	0.361822	0.983093	-1.0172	0.0610567	0.813339	-1.2295	0.0524792	0.805886	-1.24087	0.380552	1.09202	1.09202	23.1157	3.50699	0.134857	1
cg10991881	RNPEP	0.0029398	0.0020929	0.4	-2.5	0.0012603	0.343492	-2.91127	0.0375575	0.426963	-2.37548	0.806903	1.04779	1.04779	0.588	0.7439	1.34256	0.0010532	0.396975	-2.51905	0.1236	0.214002	-4.67285	0.431137	1.16551	1.16551	0.0408218	0.299222	3.342	0.947888	17.0374	0.515127	1
cg21827626	RNPEP	0.00519418	0.0637132	0.733373	-1.36356	0.908627	1.01723	1.01723	0.0155193	0.642999	-1.55521	0.461048	0.894366	-1.11811	0.0132652	0.690605	-1.44801	0.0242109	0.670495	-1.49144	0.249259	1.1962	1.1962	0.197463	1.22468	1.22468	0.000259328	0.409002	-2.44498	2.52654	2.54253	0.311572	1
cg13184225	RNPEP	0.0090972	0.0176731	0.566048	-1.76674	0.0553195	2.62594	2.62594	0.0138355	0.4906531	-2.03819	0.547467	0.739962	-1.38896	0.553851	0.40922	-2.44379	0.0001752	0.166504	-6.00715	0.0057033	0.173701	5.75603	-5.75603	0.0090491	-1.0096	-1.00096	0.0109002	0.574821	-1.74008	0.85955	3.78206	2.21	0.530223	1
cg15605030	RNPEP	0.00871585	0.116792	0.69058	-1.44806	0.145887	0.40384	0.40384	0.155111	1.39176	1.39176	0.294794	1.26627	1.26627	0.000596788	0.316254	-3.16202	0.759316	0.935412	-1.06905	0.0102403	0.494983	-2.02027	0.220688	0.755977	-1.32279	0.476591	1.17029	1.17029	6.17485	4.61659	0.664573	1
cg10192319	RNPEP	0.0102319	0.0068552	0.364444	-2.74301	0.04968	1.31148	1.31148	0.297955	0.754525	-1.73839	9.00E-05	0.103698	-3.64214	0.0215395	0.409237	-2.44279	0.934916	1.02677	1.02677	0.813796	1.07933	1.07933	0.78342	1.1081	1.1081	0.0576037	0.499234	-2.00307	8.10416	3.41454	1.47364	1
cg18508472	RNMT	0.0124466	0.00627579	0.126937	-7.87794	0.0091686	0.1645	-6.82593	0.0232325	0.3229	-3.09707	0.249709	-4.8193	0.0149986	0.340541	-2.9365	0.0078292	0.1382231	7.23428	0.2933389	0.5316231	-1.88103	0.0189084	0.1405	7.11842	-14.2829	0.0626764	0.2960935	-3.36774	0.0710624	3.10705	0.271	1
cg12953443	RNMT;C18orf19;C18orf19	0.00830594	0.525856	0.831843	-1.20215	0.387248	0.775811	-1.28897	0.787517	1.08045	1.08045	0.0573217	0.540168	-1.85128	0.597933	0.858614	-1.16467	0.00011347	0.143521	-6.9676	0.634909	1.14684	1.14684	0.569647	1.17891	1.17891	0.2108851	0.685493	-1.4588	6.26957	8.14635	1.15497	1
cg22795742	RNMT1	0.00025194	0.00788984	0.384629	-2.59944	0.0140878	0.615345	-1.62504	0.0164864	0.605153	-1.65203	0.0158241	0.607235	-1.64682	0.0215395	0.409237	-2.44279	0.0007104	0.378695	-2.64065	0.00399637	0.390997	-2.55756	0.0750714	0.1721313	5.80976	-5.80976	0.0044297	0.225742	-4.42994	0.0006823	0.357446	2.67573	0.4992007	1
cg17094593	RNMT1	0.0268868	0.0316882	0.62457	1.60457	0.260463	1.25811	1.25811	0.284302	1.24307	1.24307	0.230787	0.781987	-1.27879	0.00616586	0.497141	2.0115	0.0199638	0.767143	-1.30354	0.660953	0.939323	-1.06776	0.0399442	1.59124	1.59124	0.230439	0.781829	-1.27905	4.24792	2.57463	0.538748	1
cg15971496	RNMT1;GLOD4	3.01E-05	0.0429182	0.5552	1.80135	0.0553195	2.62594	2.62594	-1.32736	0.4906531	-2.03819	0.547467	0.739962	-1.38896	0.553851	0.40922	-2.44379	0.0001752	0.166504	-6.00715	0.0057033	0.173701	5.75603	-5.75603	0.0090491	-1.0096	-1.00096	0.0109002	0.574821	-1.74008	0.85955	3.78206	2.21	0.530223	1
cg03267742	RNMT1;GLOD4	3.01E-05	3.24E-05	0.324747	-3.07932	0.00451549	0.590523	-1.69341	0.386413	0.883746	-1.13154	0.342076	1.14597	1.14597	0.00118321	0.515827	1.91864	5.20E-05	0.348807	-2.86691	1.35E-05	0.281414	-3.55349	1.23E-05	0.2769021	-3.61139	0.000508135	0.469565	2.12963	30.4319	3.33729	0.272734	1
cg17560340	RNMT1;GLOD4	0.00147576	0.965413	1.00927	1.00927	0.00186392	0.259532	-3.85309	0.0215454	0.555761	-1.79933	0.00397017	0.438558	-2.2802	0.952594	1.01273	1.01273	0.195217	0.747109	-1.33849	0.730891	1.07624	1.07624	0.652221	0.907971	-1.10136	0.000207099	0.266597	-3.75097	10.5288	7.55141	0.637522	1
cg18634637	RNMT1;GLOD4	0.00263478	0.0520368	0.5933	1.68553	0.0553195	2.62594	2.62594	-1.32736	0.4906531	-2.03819	0.547467	0.739962	-1.38896	0.553851	0.40922	-2.44379	0.0001752	0.166504	-6.00715	0.0057033	0.173701	5.75603	-5.75603	0.0090491	-1.0096	-1.00096	0.0109002	0.574821	-1.74008	0.85955	3.78206	2.21	0.530223	1
cg00860370	RNPC3	0.0195006	0.879708	0.964588	-1.03671	0.105369	0.656246	-1.52382	0.373612	0.804757	-1.24289	0.405663	1.22451	1.22451	0.00660636	0.431925	2.31522	0.341866	1.26258	1.26258	0.0302353	0.545209	-1.83416	0.0584927	0.601151	-1.66347	0.0144753	2.04892	2.04892	4.74511	4.25949	0.797919	1
cg18141532	RNPC3	0.0213191	0.816203	1.14904	1.14904	0.0141356	1.41911	1.41911	0.0996383	1.70236	1.70236	0.0450752	0.459582	-1.47589	0.0422744	0.427828	2.34028	0.165673	0.649662	-1.53926	0.604992	0.857157	1.16658	0.0657152	1.87084	1.87084	0.0082982	0.484821	0.20431	1.19806	1
cg13908518	RNPC3;AMY2B	0.0181986	0.0789225	0.770626	-1.29765	0.0243832	0.698896	-1.43083	0.480286	0.9805	-1.10056	0.0034742	0.169846	1.69846	0.179978	0.826817	1.20946	0.482929	0.909165	-1.09991	0.0336196	1.39297	1.39297	0.27991	1.8606598	-1.16185	0.964911	1.00589	0.857516	1.37202	0.251087	1
cg24406691	RNPC3;RNPC3	8.51E-05	0.873098	0.984477	-1.01577	1.37E-06	3.3455	3.3455	0.121152	1.17879	1.17879	0.114822	0.845494	-1.18274	0.00300227	1.48928	1.48928	0.361822	0.983093	-1.0172	0.0610567	0.813339	-1.2295	0.0524792	0.805886	-1.24087	0.380552	1.09202	1.09202	23.1157	3.50699	0.134857	1
cg10991881	RNPEP	0.0029398	0.0020929	0.4	-2.5	0.0012603	0.343492	-2.91127	0.0375575	0.426963	-2.37548	0.806903	1.04779	1.04779	0.588	0.7439	1.34256	0.0010532	0.396975	-2.51905	0.1236	0.214002	-4.67285	0.431137	1.16551	1.16551	0.0408218	0.299222	3.342	0.947888	17.0374	0.515127	1
cg21827626	RNPEP	0.00519418	0.0637132	0.733373	-1.36356	0.908627	1.01723	1.01723	0.0155193	0.642999	-1.55521	0.461048	0.894366	-1.11811	0.0132652	0.690605	-1.44801	0.0242109	0.670495	-1.49144	0.249259	1.1962	1.1962	0.197463	1.22468	1.22468	0.000259328	0.409002	-2.44498	2.52654	2.54253	0.311572	1
cg13184225	RNPEP	0.0090972	0.0176731	0.566048	-1.76674	0.0553195	2.62594	2.62594	0.0138355	0.4906531	-2.03819	0.547467	0.739962	-1.38896	0.553851	0.40922	-2.44379	0.0001752	0.166504	-6.00715	0.0057033	0.173701	5.75603	-5.75603	0.0090491	-1.0096	-1.00096	0.0109002	0.574821	-1.74008	0.85955	3.78206	2.21	0.530223	1
cg15605030	RNPEP	0.00871585	0.116792	0.69058	-1.44806	0.145887	0.40384	0.40384	0.155111	1.39176	1.39176	0.294794	1.26627	1.26627	0.000596788	0.316254	-3.16202	0.759316	0.935412	-1.06905	0.0102403	0.494983	-2.02027	0.220688	0.755977	-1.32279	0.476591	1.17029	1.17029	6.17485	4.61659	0.664573	1
cg10192319	RNPEP	0.0102319	0.0068552	0.364444	-2.74301	0.04968	1.31148	1.31148	0.297955	0.754525	-1.73839	9.00E-05	0.103698	-3.64214	0.0215395	0.409237	-2.44279	0.934916	1.02677	1.02677	0.813796	1.07933	1.07933	0.78342	1.1081	1.1081	0.0576037	0.499234	-2.00307	8.10416	3.41454	1.47364	1
cg20676768	RNPEP	0.0114676	0.0176731	0.566048	-1.76674	0.0553195	2.62594	2.62594	0.0138355	0.4906531	-2.03819	0.547467	0.739962	-1.38896	0.553851	0.40922	-2.44379	0.0001752	0.166504	-6.00715	0.0057033	0.173701	5.75603	-5.75603	0.0090491	-1.0096	-1.00096	0.0109002	0.574821	-1.74008	0.85955	3.78206	2.21	0.530223	1
cg16361013	RNPEP1	0.00382148	0.6955566	1.27293	1.27293	0.1153455	2.16424	2.16424	0.112736	1.24424	1.24424	0.882887	1.08869	1.08869	0.0009898	0.2177	2.7285	0.019762	1.19269	1.19269	0.0009736342	0.136776	-7.31123	0.745789	1.14404	1.14404	0.257529	0.619246	1.61487	7.95991	20.7091	2.31595	1
cg20591408	RNPEP1	0.0218319	0.32598	1.10869	1.10869	0.0385003	0.78373	-1.27595	0.0860372	0.824631	-1.21266	0.419447	0.919566	-1.08747	0.033841	0.777362	-1.2864	0.219661	1.14019	1.14019	0.01266559	1.37024	1.37024	0.35902	0.908584	-1.10061	0.0237807	0.760124	-1.31557	4.56594	0.747174	0.145459	1
cg16093517	RNPEP1	0.0218501	0.312748	0.609884	-1.63996	0.0301199	0.286874	-3.3459	0.466915	0.704279	-1.41989	0.0250586	0.283053	-3.53293	0.0540899	0.177432	-5.63596	0.0510909	0.349202	-2.86367	0.00925102	0.209246	-4.77906	0.0509939	0.1484402	-2.87024	0.00745808	0.195616	-5.11205	4.52663	16.2119	3.15727	1
cg10334916	RNPEP1	0.0266465	0.0200229	5.1863	5.1863	0.557763	1.10404	1.10404	0.670055	0.9319961	-1.073	0.672831	1.07232	1.07232	0.0819793	0.728456	-1.37277	0.0223744	1.56814	1

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
pp10304477	RORC1;RORC1;ROR1;ROR1;ROR1	0.0243576	0.0833359	0.774967	-1.29036	0.02174544	1.44244	1.44244	0.2739988	0.8595518	-1.16344	0.0267522	0.705375	-1.41769	0.0156982	0.749514	-1.3342	0.343572	0.877806	-1.1392	0.188518	0.830861	-1.20357	0.0916295	1.2802	1.2802	0.0284171	0.708927	-1.41058	4.39681	1.23163	0.248994	1
pp27221334	RORC1;RORC1;ROR1;ROR1;ROR1	0.0338051	0.50943	0.942445	-1.06107	0.5762121	1.05129	1.05129	0.03190606	1.24947	1.24947	0.3111584	0.911443	-1.09176	0.0975317	0.8512258	-1.17473	0.0739422	0.83827	-1.1923	0.0627972	0.732536	-1.36512	0.3165308	0.912357	-1.09606	0.138624	1.15167	1.15167	0.3195795	0.4865383	0.11045	1
pp10375651	RORC1;RORC1;ROR1;ROR1;ROR1	0.0399058	0.0778397	0.667314	-1.49855	0.054259	0.637071	-1.56968	0.266265	0.787335	-1.27011	0.00993592	0.510602	-1.95847	0.740026	1.07115	1.07115	0.931327	1.01795	1.01795	0.0180248	1.80954	1.80954	0.634128	1.10403	1.10403	0.8259081	1.04652	1.04652	1.68634	2.48757	0.599829	1
pp17470397	RORC2	0.00105745	0.47943	1.14251	1.14251	0.146831	1.37425	1.37425	0.231767	1.26164	1.26164	0.321304	1.2091	1.2091	2.83E-05	2.139484	4.57707	0.0565877	0.670368	-1.4917	0.972999	1.00629	1.00629	0.03309961	1.58077	1.58077	0.076742	1.44019	1.44019	11.5814	6.29853	0.483442	1
pp12257394	RORC2	0.00119465	9.25E-05	0.117482	-8.51196	0.00560947	0.327568	-3.0528	0.00857823	0.357364	-2.79827	0.794139	0.188357	13.80557	0.00055096	0.192757	-5.18787	0.906122	0.964439	-1.03687	0.0625861	0.525633	-1.90247	0.266239	1.42694	1.42694	0.0441958	0.491899	-2.03291	1.86116	16.6877	1.32608	1
pp14473568	RORC2	0.1023601	0.1605989	1.12521	1.12521	0.000229002	1.63806	1.63806	0.193658	0.9319376	-1.07299	0.0959933	1.15885	1.15885	0.804676	0.980221	-1.02018	0.0693328	1.178	1.178	0.710125	0.9703346	-1.03056	0.4101443	1.07027	1.07027	0.765953	1.0248	1.0248	5.32022	0.5683948	0.0915177	1
pp23016734	RORC2	0.0204271	0.147789	0.814519	-1.22772	0.07005547	0.765226	-1.3068	0.032221	1.39288	1.39288	0.448227	0.90293	-1.10751	0.9594972	0.993313	-1.00673	0.7926316	1.03542	1.03542	0.50754	1.09289	1.09289	0.00347015	0.592063	-1.68901	0.0331175	1.38974	1.38974	4.67088	1.29122	0.245725	1
pp12456053	RORC2;ROR2;ROR2	6.06E-05	7.25E-05	0.173151	-5.64948	0.158027	1.16539	1.26519	0.0323965	0.6554831	-1.5256	0.0965055	0.752338	-1.32915	3.80E-05	0.291536	-3.43011	7.29E-05	0.334495	-3.0871	0.5344218	1.09	1.09	0.01381646	1.60726	1.60726	0.0009368811	0.413169	-2.41774	25.2896	9.74471	0.342375	1
pp18470863	RORC2;ROR2;ROR2	0.000317228	0.000191592	0.422594	-2.36634	0.00509523	0.602021	-1.66107	0.000108375	0.592492	-1.68732	0.0259445	0.703777	-1.42091	0.0214464	0.684674	-1.46055	0.246493	1.18074	1.18074	0.03069169	0.583956	-1.71246	0.0051283	1.62884	1.62884	0.178762	1.21631	1.21631	16.264	4.84081	0.264568	1
pp09638638	RORC2;ROR2;ROR2	0.000585599	0.000920418	0.368651	-2.7126	0.00375551	0.454534	-2.20006	0.000527007	0.336705	-2.96996	0.0310788	0.600449	-1.66542	0.00102935	2.66524	2.66524	0.0324007	1.65673	1.65673	0.863766	1.03522	1.03522	0.356296	1.21074	1.21074	0.08598832	0.682214	-1.46582	13.6762	8.79908	0.571899	1
pp04787417	RORC2;ROR2;ROR2	0.000693017	9.85E-05	0.158819	-6.30199	0.00228156	0.525603	-1.9026	0.000302817	0.525603	-1.90038	0.0028756	0.750539	-1.33259	0.0001305	2.65406	2.65406	0.442353	1.07716	1.07716	0.353413	1.09556	1.09556	0.453515	1.07263	1.07263	0.4128564	0.8386683	-1.19255	13.0475	1.88052	0.132751	1
pp07222250	RORC2;ROR2;ROR2	0.000704934	0.00130731	0.931602	-1.07342	0.000300721	0.666734	-1.49985	0.32318	0.70301	1.07301	0.7914225	0.101847	10.81847	0.0347007	0.145043	1.01453	0.000363466	1.4838	1.4838	0.0012394	1.32764	1.3854	0.1108884	1.12744	1.12744	0.044953	0.853078	-1.17223	12.98564	0.9807072	0.0671322	1
pp20543748	RORC2;ROR2;ROR2	0.0291911	0.273125	0.831585	-1.20214	0.446105	1.39727	1.39727	0.3050577	1.1886	1.1886	0.0122621	0.6050311	-1.65286	0.4562061	0.8834456	-1.13192	0.28711	1.19487	1.19487	0.0160692	1.67205	1.67205	0.0306748	1.50524	1.50524	0.2906992	1.19318	1.19318	0.848572	3.97996	0.3652353	1
pp24933651	RORC2;ROR2;ROR2	0.00390661	0.0668391	1.67292	1.67292	0.392195	0.8002892	-1.2455	0.32815	0.77664	-1.2876	0.00137832	0.312868	-3.19623	0.00937297	0.4381957	-2.28208	0.00488147	2.54568	2.54568	0.167307	1.44579	1.44579	0.224389	1.37661	1.37661	0.0548996	0.5797118	-1.72498	7.90857	7.85604	0.3882085	1
pp16933762	RORC2;ROR2;ROR2	0.00201302	0.0115744	1.52753	1.12234	0.114732	0.5183709	0.5595553	-1.67883	0.2410834	0.777336	-1.28545	0.006024046	0.479222	-2.08671	0.0498584	1.44995	0.0016096	1.93107	0.675308	0.09025	0.992025	0.562612	1.88686	-1.12757	5.63908	3.75757	0.592306	1
pp10659748	RORC2;ROR2;ROR2	0.00222755	0.0055543	1.05884	1.05884	0.107925	0.2155757	1.21557	0.2563575	0.877337	-1.13981	0.506624	0.127227	1.07727	0.0252548	0.9281733	-1.07756	0.0101808	1.05844	1.05844	0.0095047	1.54895	1.54895	0.567647	1.02891	1.02891	0.1358868	0.837338	-1.19426	5.15962	1.07049	0.171771	1
pp02477365	RORC2;ROR2;ROR2	0.01655569	0.4609974	0.921228	-1.08551	0.00124869	0.597261	-1.67431	0.0215079	0.7394347	-1.35239	0.657874	0.952447	-1.04993	0.0948845	0.8182016	-1.22219	0.709767	1.04171	1.04171	0.0271321	1.33099	1.33099	0.387482	0.9077911	-1.10167	0.787346	1.03	1.03	5.01352	0.948844	0.168228	1
pp24368203	RORC2;ROR2;ROR2	0.04880003	0.5467337	1.1009	1.1009	0.592902	0.918056	-1.08826	0.8450867	0.6659539	-1.43691	0.0195626	0.639946	-1.56382	0.0337445	0.6755155	-1.48114	0.8497043	0.970392	-1.0305	0.0399521	1.45569	1.45569	0.493608	0.8957037	-1.11644	0.0988626	0.750839	-1.33184	1.41951	1.55932	0.15335	1
pp12555554	RORC2;ROR2;ROR2	0.03	0.00442626	0.653939	-1.5292	0.113908	0.626223	-1.24103	0.0139104	0.713731	-1.40109	4.21E-06	0.3906947	-3.25789	0.0001402B	0.467024	-2.14122	0.496533	0.93821	-1.06586	0.0977343	0.845481	-1.18276	4.96E-07	3.66982	3.66982	0.122196	0.85662	-1.16738	29.5607	3.99607	0.120162	1
pp03807003	RORC3	9.01E-05	0.00088714	0.46065	-2.1719	0.0334624	0.2496155	-2.04566	0.0178265	0.3984702	-2.50974	0.0488032	0.2904695	3.44355	0.0001670J	0.3320909	3.01115	0.0449318	0.672228	-1.4878	0.938151	0.9977819	1.00436	0.0038764	1.66241	1.66241	0.0042663	0.5009182	1.50918	32.7691	10.6053	0.416366	1
pp10842804	RORC3	0.000438617	0.9864513	1.003	1.003	0.964296	0.992135	-1.00793	0.0652943	0.694194	-1.44051	0.419331	1.15668	1.15668	0.314668	0.832428	-1.2013	0.111594	0.736625	-1.35754	0.283612	0.8216	-1.21714	5.89E-06	6.02119	6.02119	0.372113	1.75343	1.17543	14.8184	7.30237	0.438038	1
pp02940140	RORC3;ROR2	0.000102208	0.00221765	0.78357	1.28106	0.0492203	2.672674	1.39397	0.2063855	0.4871	-2.05125	0.0161428	0.2812011	3.5575	0.0018421	0.5588372	-1.78927	0.0021992	1.20744	1.20744	0.0844587	1.18502	1.18502	0.2052	2.0752	2.0752	0.1123934	1.49247	1.49247	11.7596	10.3997	0.7882095	1
pp17272642	RORC3	0.00226297	0.0147957	2.64295	2.64295	0.00653821	3.14251	3.14251	0.0220969	2.43369	2.43369	0.18165	1.58327	1.58327	0.004706	3.37788	3.37788	0.0165676	2.58182	2.58182	9.42E-05	9.54142	9.54142	0.00440555	3.42788	3.42788	0.0301854	2.28427	2.28427	9.30012	15.4694	1.47853	1
pp12980201	RORC3	0.00560156	0.0287137	2.10395	2.10395	0.00806697	2.65976	2.65976	0.567607	1.18122	1.18122	0.00225355	0.2915681	-3.42974	0.0789586	1.75479	1.75479	0.0448234	1.94234	1.94234	0.032388	2.58169	2.58169	0.851642	-1.1742	0.215708	0.686856	-1.45591	7.0862	9.32708	1.16998	1
pp26573290	RORC3	0.00920684	0.00157187	2.05508	2.05508	0.842431	0.9394235	1.23548	0.2204842	0.7267	-1.3723	0.0268672	0.182027	1.82027	0.0121582	0.5755507	1.73757	0.6035386	1.40302	1.40302	0.0134335	2.03758	2.03758	0.111381	1.67725	1.67725	0.0334241	1.30135	1.30135	6.74482	11.4768	1.29091	1
pp05366812	RORC3	0.00130945	0.2909594	0.844179	-1.18458	0.059627	1.38861	1.38861	0.07000953	1.36719	1.36719	0.917344	1.01616	1.01616	0.0376862	1.4511	1.4511	0.1679397	0.796973	-1.25475	0.00170616	0.500641	-1.99744	0.8469561	1.03029	1.03029	0.0908354	1.33338	1.33338	5.47132	2.04662	0.335815	1
pp05086956	RORC3	0.00131144	0.354326	1.16334	1.16334	0.0074262	1.78541	1.78541	0.0117465	1.97359	1.97359	0.0012858	0.5064632	-1.98056	0.0153407	0.7846546	-1.27462	0.072076	0.770556	-1.29764	0.3648281	0.9223831	1.0933	0.0148394	1.64972	1.64972	0.0048803	0.5593	1.78843	5.42662	2.16068	0.354873	1
pp25196975	RORC3	0.01131551	0.0126073	2.91589	2.91589	0.071052	2.00521	2.00521	0.68165	1.15293	1.15293	0.00697538	0.29997	-3.33367	0.1003391	0.5374414	-1.86076	0.449048	1.30494	1.30494	0.0095634	0.322357	-3.10215	0.597727	1.20168	1.20168	0.1410418	0.807751	1.238	1.38779	10.1574	1.67579	1
pp17996013	RORC3	0.01423774	0.000791834	0.141204	-7.08195	0.2655594	0.638961	-1.56504	0.128735	0.530527	-1.88492	0.160364	1.78434	1.78434	0.543294	0.788561	-1.26813	0.104254	1.98518	1.98518	0.0722537	0.4609314	-2.1696	0.283801	1.53714	1.53714	0.3780938	1.41696	1.41696	5.27066	12.4435	2.09857	1
pp19459750	RORC3	0.0150359	0.031	1.9	1.9	0.0334624	2.245566	2.245566	0.0178265	1.9678	1.9678	0.12678	0.1123212	1.63763	0.0001670J	2.3320909	1.53674	0.4195646	1.72626	1.72626	0.0002437	3.4438	3.4438	0.0004338	2.1642	2.1642	0.0001670J	0.4579	-4.4579	0.800751	1.07594	1.07532	0.15325	1.1527	1
pp15330196	RORC3	0.0193287	0.758396	1.05977	1.05977	0.499143	0.878202	-1.1378	0.616116	0.92409	-1.0864	0.129698	0.734894	-1.36074	0.0015295	0.4238955	-2.35907	0.0320966	0.623494	-1.60386	0.0036737	0.497551	-2.00384	0.83006	1.04127	1.04127	0.96343	0.99141	-1.00866	4.79336	2.66883	0.498448	1
pp10946487	RORC3	0.0136363	0.0127373	1.8317	1.8317	0.0234264	2.472674	2.472674	0.0401271	1.64071	1.64071	0.0121911	0.2275	4.39561	0.0001670J	2.4400557	2.5024	0.0299594	1.45403	1.45403	0.0021934	2.15403	2.15403	0.0314645	1.82738	1.82738	0.0146264	1.42738	1.42738	6.44264	11.7596	1.83997	0.2782095	1
pp06645674	RORC3	0.0290591	0.0771131	0.318575	-3.13898	0.281285	0.521146	-1.91885	0.0355926	0.24082	-4.15247	0.152282	0.409649	-2.44111	0.00150142	0.6097575	-1.64354	0.49558	0.668505	-1.49588	0.654523	0.769403	-1.29971	0.978178	1.01605	1.01605	0.00986317	0.14987	-6.67243	4.13325	22.171	4.76849	1
pp13100014	RORC3	0.04003	0.706449	0.867574	-1.15264	0.0969131	1.973126	1.973126	0.517852	0.783053	-1.27705	0.157494	0.569023	-1.7574	0.125583	0.538836	-1.85585	0.5200172	1.27528	1.27528	0.0615502	0.182604	-5.47633	0.462801	0.756695	-1.32154	0.928003	1.03429	1.03429	1.63212	8.11442	1.95884	1
pp18181407	RORC3	0.00495263	0.00472429	2.19587	2.19587	0.0265228	2.9767	2.9767	0.1723	1.20635	1.20635	0.0160508	0.2268	4.40998	0.0001670J	2.5668	2.5668	0.1717158	1.22741	1.22741	0.1676992	1.46252	1.46252	0.2634	1.26334	1.26334	0.1514339	1.08079	1.08079	0.76313	1.95483	0.2471	0.3129139	1
pp02043679	RORC4	0.0146115	0.10823	1.64655	1.64655	0.0758902	1.75449	1.75449	0.493102	1.21907	1.21907	0.777344	1.08402	1.08402	0.58718	1.16883	1.16883	0.0184124	2.34641	2.34641	0.00057134	4.5636	4.5636	0.00891386	2.57782	2.57782	0.159447	1.53399	1.53399	5.22579	6.70286	1.14013	1
pp02150262	RORC4	0.0204084	0.0723071	1.5357	1.5357	0.0284695	1.924402	1.924402	0.344875	1.07582	1.07582	0.0153311	0.2315	4.31905	0.0001670J	2.4564	2.4564	0.1183883	1.37456	1.37456	0.0313005	1.93146	1.93146	0.2921682	1.37053	1.37053	0.1048089	1.24797	1.24797	0.964062	2.21968	0.2179976	0.4346451	1
pp03572680	RORC4	0.0465004	0.0217017	0.394587	-2.5343	0.549016	0.815358	-1.22646	0.946628	1.02285	1.02285	0.319141	1.4154	1.4154	0.0115138	0.343204	2.91372	0.980968	0.991983	1.00808	0.098031	1.84487	1.84487	0.087979	1.88809	1.88809	0.329657	1.27216	1.27216	0.4193424	2.27995	1.60297	1
pp23160087	ROCK1	0.0190187	0.0761296	0.512843	-1.94992	0.386308	1.35055	1.35055	0.00715923	3.23827	3.23827	0.04846438	2.14438	2.14438	0.316793	0.704556	-1.41933	0.0975367	0.540535	-1.85002	0.0361297	0.43841	-2.28097	0.466735	1.2848	1.2848	0.075227	0.511552	-1.95484	4.78547	8.67804	1.61193	1
pp12758679	ROCK1	0.0241281	0.0181959	2.56	2.56	0.0234451	2.79269	2.79269	0.1734	1.38126	1.38126	0.0127888	0.2512	3.98264	0.0001670J	2.2812884	2.2812884	0.1249914	1.24591	1.24591	0.0779248	1.60284	1.60284	0.1222	1.48128	1.48128	0.0548202	1.35134	1.35134	5.48962	2.16068	0.3548373	0.4965405	1
pp19880977	ROCK1	0.0490451	0.0743178	0.462343	-2.1629	0.112083	0.95659	-1.04559	0.00209796	0.53905	0.53905	0.213651	0.16197	1.66197	0.683646	1.17227	1.17227	0.865582	1.06741	1.06741	0.98467	0.99448	-1.00562	0.384402	1.41339	1.41339	0.3132354	1.47398	1.47398	14.9303	8.14584	2.2188	1
pp20916525	ROCK1	0.0490703	0.0178547	2.1845	2.1845	0.0316437	2.42039	2.42039	0.0128215	1.48954	1.48954	0.0148983	0.1808866	5.53018	0.0001670J	2.2332	2.2332	0.0821236	1.51305	1.51305	0.0221388	1.77585	1.77585	0.0211811	1.70752	1.70752	0.0157756	1.61441	1.61441	5.08686	2.69404	0.5293133	0.2722007	1
pp03997139	ROCK2	0.0133486	0.0809151	1.34088	1.34088	0.00925495	1.64967	1.64967	0.0250709	0.667698	-1.49768	0.2553	1.19721	1.19721	0.00749887	1.68476	1.68476	0.0406072	1.43093	1.43093	0.36193	0.867597	-1.15261	0.278984	1.18601	1.18601	0.0285728	1.47922	1.47922	5.38336	1.95843	0.3233372	1
pp13266127	ROCK2	0.029525	0.1379	1.37179	1.37179	0.0757962	1.49251	1.49251	0.1158	1.31453	1.31453	0.0010149	0.0491512	2.03511	0.0001670J	2.1892	2.1892	0.0249972	1.32831	1.32831	0.1040471	1.54672	1.54672	0.0968468	1.59402	1.59402	0.0454625	1.17591	1.17591	4.66588	2.16093	0.354873	1
pp12680106	ROCK2	0.0134268	0.14215	1.2471	1.2471	0.0316437	0.42039	0.42039	0.0285213	0.27922	0.27922	0.60587	1.18048	1.18048	0.1251621	1.69742	1.69742	0.23881	1.4183	1.4183	0.0155376	1.81221	1.81221	0.1592	1.4957	1.4957	0.1397838	1.1121	1.1121	3.77439	0.67453	0.143059	1
pp00001594	ROCK2;ROCK2	0.0101757	0.117221	0.53859	-1.8567	0.389174	0.725486	-1.37839	0.149945	0.570475	-1.75293	?	?	?	?	0.000211205	0.105135	-9.51159	0.257311	0.650573	-1.53711	0.454272	1.31942	1.31942	0.287662	0.669347	-1.49399	0.063803	0.468744	-2.13336	5.99511	11.1611	1.8617	1
pp13781475	ROC1;ROC1;ROD1	0.0108644	0.0186447	2.12656	2.12656	0.0246586	2.645666	2.645666	0.0178265	1.9678	1.9678	0.12678	0.1123212	1.63763	0.0001670J	2.3320909	1.53674	0.4195646	1.72626	1.72626	0.0002437	3.4438	3.4438	0.0004338	2.1642	2.1642	0.0001670J	0.4579	-4.4579	0.800751	1.07594	1.07532	0.15325	1.1527
pp13133036	ROD1	0.0193287	0.758396	1.05977	1.05977	0.499143	0.878202	-1.1378	0.616116	0.92409	-1.0864	0.129698	0.734894	-1.36074	0.0015295	0.4238955	-2.35907	0.0320966	0.623494	-1.60386	0.0036737	0.497551	-2.00384	0.83006	1.04127	1.04127	0.96343	0.99141	-1.00866	4.79336	2.66883	0.498448	1
pp10946487	ROD1;ROD1;ROD1	0.0136363	0.0127373	1.8317	1.8317	0.0234264	2.472674	2.472674	0.0401271	1.64071	1.64071	0.0121911	0.2275	4.39561	0.0001670J	2.4400557	2.5024	0.0299594	1.45403	1.45403	0.0021934	2.15403	2.15403	0.0314645	1.82738	1.82738	0.0146264	1.42738	1.42738	6.44264	11.7596	1.83997	0.2782095	1
pp06465674	ROD1	0.0290591	0.0771131	0.318575	-3.13898	0.281285	0.521146	-1.91885	0.0355926	0.24082	-4.15247	0.152282	0.409649	-2.44111	0.00150142	0.6097575	-1.64354	0.49558	0.668505	-1.49588	0.654523	0.769403	-1.29971	0.978178	1.01605	1.01605	0.00986317	0.14987	-6.67243	4.13325	22.171	4.76849	1
pp13100014	ROGDI	0.04003	0.706449	0.867574	-1.15264	0.0969131	1.973126	1.973126	0.517852	0.783053	-1.27705	0.157494	0.569023	-1.7574	0.125583	0.538836	-1.85585	0.5200172	1.27528	1.27528	0.0615502	0.182604	-5.47633	0.462801	0.756695	-1.32154	0.928003	1.03429	1.03429	1.63212	8.11442	1.95884	1
pp18181407	ROGDI	0.00495263	0.00472429	2.19587	2.19587	0.0265228	2.9767	2.9767	0.1723	1.20635	1.20635	0.0160508	0.2268	4.40998	0.0001670J	2.5668	2.5668	0.1717158	1.22741	1.22741	0.1676992	1.46252	1.46252	0.2634	1.26334	1.26334	0.1514339	1.08079	1.08079	0.76313	1.95483	0.2471	0.3129139	1
pp11445740	ROGDI	0.0077105	0.866641	1.04794	1.04794	0.0522184	1.37286	1.37286	0.1199514	1.18352	1.18352	0.0148626	0.1944	5.14442	0.0001670J	2.4486256	2.4486256	0.1423313	1.34704	1.34704	0.0709598	1.82231	1.82231	0.1746	1.39015	1.39015	0.1203166	1.16112	1.16112	0.6163	1.97303	0.2909669	0.1033128	0.1818404	1
pp01369341	ROGDI	0.0248866	0.0328986	0.667885	-1.49726	0.0601662	0.709673	-1.4091	0.816165	0.963018	-1.0384	0.753215	0.950259	-1.05234	0.917708	0.983421	-1.01686	0.801724	0.960115	-1.04154	0.000955492	0.451058	-2.21701	0.530691	0.902366	-1.1082	0.134422	2.29835	1.29835	4.36413	1.80862	0.36838	1
pp01369341	ROGDI	0.0248866	0.0328986	0.667885	-1.49726	0.0601662	0.709673	-1.4091	0.816165	0.963018	-1.0384	0.753215	0.950259	-1.05234	0.917708	0.983421	-1.01686	0.801724	0.960115	-1.04154	0.000955492	0.451058	-2.21701	0.530691	0.902366	-1.1082	0.134422	2.29835	1.29835	4.36413	1.80862	0.36838	1
pp01364491	ROGDI	0.01583	0.10831	1.0831	1.0831	0.954237	0.909985	-1.0991	0.0132517	0.62315	0.62315	0.217773	1.22701	1.22701	0.188474	1.24591	1.24591	0.1643933	0.927181	-1.07854	0.000977	0.326124	-3.06647	0.178937	1.73285	1.73285	0.0796906	-1.23777	0.147538	0.58236	-1.21018	3.88003	1.502	0.3705111	1
pp07162727	RODG	0.0467836	0.0155198	0.647568	-1.54424	0.218129	1.2088	1.2088	0.424954	0.887566	-1.12668	0.6886	1.06074	1.06074	0.159079	0.8022271	1.24646	0.2023994	1.21776	1.21776	0.137166	0.417152	2.38569	-1.12905	0.3155944	0.691456	1.44645	1.44645	1.37914	0.74735	0.07453	0.43059	1
pp00001594	RODG	0.0101757	0.117221	0.53859	-1.8567	0.389174	0.725486	-1.37839	0.149945	0.570475	-1.75293	?	?	?	?	0.000211205	0.105135	-9.51159	0.257311	0.650573	-1.53711	0.454272	1.31942	1.31942	0.287662	0.669347	-1.49399	0.063803	0.468744	-2.13336	5.99511	11.1611	1.8617	1
pp13785478	RODN1;RODN1;RODN1	0.0108644	0.0186447	2.12656	2.12656	0.0246586	2.645666	2.645666	0.0178265	1.9678	1.9678	0.12678	0.1123212	1.63763	0.0001670J	2.3320909	1.53674	0.4195646	1.72626	1.72626	0.0002437	3.4438	3.4438	0.0004338	2.1642	2.1642	0.0001670J	0.4579	-4.4579	0.800751	1.07594	1.07532	0.15325	1.1527
pp00008620	RODN1;ROD1;ROD1	0.0069728	0.0133648	0.472347	-2.11703	0.0460864	0.174087	-5.74426	0.0172484	0.286826	-3.48483	0.0242866	0.138254	-7.23308	0.0060693	0.0713254	-14.0202	0.0785419	0.236942	-4.22045	0.000924225	0.0260904	-38.3282	0.00489001	0.0634822	-15.7525	0.0151933	0.111079	-9.00263	6.23313	56.9637	7.64509	1
pp10946487	RODN1;ROD1;ROD1	0.0136363	0.0127373	1.8317	1.8317	0.0234264	2.472674	2.472674	0.0401271	1.64071	1.64071	0.0121911	0.2275	4.39561	0.0001670J	2.4400557	2.5024	0.0299594	1.45403	1.45403	0.0021934	2.15403	2.15403	0.0314645	1.82738	1.82738	0.0146264	1.42738	1.42738	6.44264	11.7596	1.83997	0.2782095	1
pp06258718	RODN1;ROD1;ROD1	0.0265718

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1533 vs. N)	Fold-Change(1 vs.1533)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5633 vs. N)	Fold-Change(1 vs.5633)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg24219929	RORA;RORA;RORA;RORA	0.00519357	0.0561997	2.13243	0.112343	1.350588	0.19411	1.39413	0.845168	1.06995	0.16065	1.09625	0.074314	1.98912	1.98912	1.00376	0.258612	-3.86679	0.062816	0.484852	-2.06248	0.000503824	0.159734	-6.26039	0.041723	0.859389	-1.65372	2.2539	-1.05777	2.2539	13.7397	1.68366	1
cg19170580	RORA;RORA;RORA;RORA	0.0128842	0.737812	1.04994	1.04994	0.01112353	1.58527	1.58527	0.000684959	2.12196	2.12196	0.289632	1.17285	1.17285	1.401614	1.13261	1.13261		0.517818	1.09978	1.09978	0.0286715	0.687697	-1.45413	0.522112	1.08868	1.08868	0.7593394	1.04557	1.04557	5.44604	1.81493	0.296228	1
cg23074881	RORA;RORA;RORA;RORA	0.0186019	0.030666	0.446107	-2.24161	0.0367185	0.462309	-2.16306	0.37189	0.747173	-1.33838	0.0397532	0.469623	-2.12937	0.0116604	0.367095	-2.72409		0.321366	0.722019	-1.38501	0.0083665	0.342628	-2.91861	0.00392172	0.2911	-3.43525	0.0144584	0.383622	-2.60673	4.82142	7.71744	1.42281	1
cg16384496	RORA;RORA;RORA;RORA	0.0409323	0.741567	1.03558	1.03558	0.4040559	1.09439	1.09439	0.15108	1.07222	1.07222	0.1174667	1.16627	1.16627	0.0786464	0.813525	-1.22918		0.0815985	1.22619	1.22619	0.00306157	0.6151515	-1.53488	0.912591	1.09367	1.09367	1.01167	1.01167	0.4863951	0.928006	-1.07758	3.65196	0.645547	0.157126	1
cg16470309	RORA;RORA;RORA;RORA	0.0436208	0.33027	0.791998	-1.26263	0.29697	1.2853	1.2853	0.0354169	1.76568	1.76568	0.0498705	0.59501	-1.68064	0.288301	0.774232	-1.2916		0.0330002	0.560597	-1.78381	0.812342	1.05676	1.05676	0.104429	1.50984	1.50984	0.0962073	1.52809	0.573656	3.04363	0.758517	1
cg23411013	RORA;RORA;RORA;RORA	0.0450075	0.0550618	0.37826	-2.64369	0.653921	0.817348	-1.22347	0.193275	0.540481	-1.8502	0.336264	0.642021	-1.55758	0.662431	0.191601	-2.55304		0.8898	0.939919	-1.06392	0.00789207	0.218036	-4.58639	0.0631097	0.39287	-2.54537	0.00550709	0.195765	-5.01816	3.49923	11.0704	2.81216	1
cg13993185	RORB	0.000458335	0.134054	0.560642	-1.78367	0.000676157	0.155489	-6.43132	0.00201385	0.210036	-4.76108	0.00164616	0.199121	-5.02206	0.00534005	0.26867	-3.72204		0.046757	0.442481	-2.25998	0.000104691	0.0858336	-11.6505	8.28E-05	0.078985	-12.6606	0.0122584	0.327147	-3.05673	14.6392	29.7369	1.80562	1
cg14417794	RORB	0.00418911	0.665709	0.90264	-1.10799	0.000176716	0.755453	-1.91462	0.0092569	0.646422	-1.54696	0.356996	0.815991	-1.22574	0.533126	0.873308	-1.14507		0.136532	1.41103	1.41103	0.0023516	1.94094	1.94094	0.00048	1.15813	0.123275	0.6988111	1.431	7.74378	5.65116	0.648683	1
cg14170313	RORB	0.00730021	0.109908	0.68323	-1.50779	0.376421	1.2385	1.2385	0.884261	0.966258	-1.03492	0.0852432	0.638663	-1.56571	0.3551781	0.783162	-1.27688		0.0383534	0.568075	-1.76033	0.01202625	0.327171	-3.0565	2.21657	6.52895	5.74199	0.735479	0.781748	1
cg14421548	RORB	0.0414379	0.193513	1.3912	1.3912	0.173457	1.41819	1.41819	0.0764447	1.60474	1.60474	0.0665014	0.610295	-1.63855	0.0484006	0.582054	-1.71806		0.2385008	0.743594	-1.34482	0.0307945	0.544069	-1.838	0.0800253	0.627448	-1.59376	0.385778	0.807861	-1.23784	3.63542	3.31561	0.810693	1
cg07536920	RORB;RORB	0.0156105	0.518332	1.888325	1.888325	0.1744	2.26739	2.26739	0.0139	2.11292	2.11292	0.0410543	2.21292	2.21292	0.0447307	2.21292	1.16032		0.829404	0.961749	-1.04007	0.2624504	0.794668	1.36772	1.36772	0.00029017	2.91181	2.91181	0.54621	2.77044	0.49037	1
cg18149207	RORC	0.0149465	0.0158569	0.767717	-2.65451	0.0109661	0.27108	0.813708	0.632047	1.17281	1.17281	0.9387002	0.974908	-1.02574	0.0311987	0.43371	-2.30569		0.0642648	0.670007	-1.49252	0.00769158	0.322516	-3.10062	2.926275	1.43433	1.43433	0.1666533	0.614238	-1.62803	5.18883	8.96792	1.53687	1
cg22328337	RORC	0.0209616	0.143472	-2.42442	0.6955191	1.15761	1.15761	0.9237	1.03302	1.010302	0.8319988	0.923978	-1.08238	0.0956398	0.2692098	-3.71336		0.2309073	0.624567	1.60202	0.2689967	0.3425	-2.8777	0.6662897	2.33884	2.33884	0.1302183	0.644225	-1.83748	4.00718	8.98802	1.95018	1
cg10111759	RORC;RORC	0.000551061	0.166114	0.849785	-1.17677	0.000461021	0.54465	-1.83604	0.00397754	0.652593	-1.53235	0.000222834	0.507937	-1.96875	0.653833	0.951463	-1.05101		0.510164	0.929011	-1.07641	0.00204847	1.61431	1.61431	0.0373205	1.30524	1.30524	0.0400549	0.769864	-1.29893	13.9097	2.67653	0.171042	1
cg14245598	RORC;RORC	0.00619083	0.561646	0.857392	-1.16633	0.434858	1.23232	1.23232	0.0249527	0.496823	-2.01279	0.0965512	0.619808	-1.6134	0.0110861	0.437717	-2.28458		0.885022	0.962774	-1.03867	0.00185189	0.199099	-5.23587	0.437709	1.23066	1.23066	0.158151	0.673284	-1.48526	6.87235	7.48184	0.967722	1
cg05976623	ROS1	0.00739005	0.552456	0.857724	-1.1686	0.242478	0.728244	-1.37517	0.669812	0.89476	-1.11762	0.443195	0.815636	-1.22569	0.0040025	0.257357	-3.88541		0.613273	0.875569	-1.14211	0.00900727	2.36521	2.36521	0.919348	0.975483	1.02546	0.0178503	0.474037	-2.10954	6.53001	6.92154	0.94617	1
cg25160829	ROS1	0.0268041	0.213456	1.15217	1.15217	0.03290667	0.763551	-1.30967	0.547877	0.936365	-1.06796	0.0470046	0.782074	-1.27865	0.00961309	0.701581	-1.42535		0.0566773	0.791962	-1.26269	0.0404788	1.29155	1.29155	0.778983	1.03089	1.03089	0.2593361	0.8805137	-1.13567	4.25251	0.787347	0.164577	1
cg06704573	RP1	0.000428238	1.74E-05	0.915488	-6.6027	0.413786	1.18774	1.18774	0.00151482	0.357102	-2.80032	0.242893	1.2996	1.2996	0.313123	0.799551	-1.25073		0.152225	1.38942	1.38942	0.0151851	1.60699	1.60699	0.010626	0.502121	-1.99155	0.130976	0.704092	-1.41984	14.9267	10.864	0.647386	1
cg16529145	RP1	0.001381	0.103301	0.727986	-1.37345	0.113896	1.59274	-1.35639	0.580897	0.960644	-1.1037	0.889838	0.975776	-1.02483	5.08E-06	0.153948	6.497213		0.430295	1.15309	1.15309	0.4545311	1.14431	1.14431	0.0165208	0.612507	-1.63263	0.850142	1.04409	1.04409	7.14558	0.440782	1
cg22340475	RP1	0.0016744	0.00802706	0.465573	-2.14789	0.00286949	2.51723	2.51723	0.0161771	0.577929	-1.73032	0.0300074	0.562968	-1.7763	0.0034821	0.409675	-2.44096		0.203911	0.73949	-1.35228	0.657606	0.904478	-1.10561	0.000337692	0.272409	-3.67095	0.490351	0.854111	-1.17081	10.1522	8.14529	0.713169	1
cg00203568	RP1	0.00944476	0.365262	0.683387	-1.46353	0.070575	2.28634	2.28634	0.0041826	0.820985	-1.21818	0.0041826	0.820985	-1.21818	0.0329745	0.360399	-2.7747	-4.80803	0.329745	0.360399	-2.7747	0.0063151	0.2377094	0.276706	-3.61301	0.168673	0.548695	-1.82251	0.01937	15.9052	2.35761	1
cg08092111	RP1	0.0287445	0.0277293	0.612623	-1.63233	0.743264	1.06385	1.06385	0.458964	1.15258	1.15258	0.01242	0.556574	-1.79671	0.968679	0.992633	-1.00742		0.690374	1.07832	1.07832	0.0349174	1.58871	1.58871	0.0140278	0.564846	-1.7704	0.354666	0.83584	-1.1964	4.14919	2.33052	0.499273	1
cg20546668	RP1	0.0418421	0.1841391	1.55555	1.55555	0.1108127	1.70848	1.70848	0.0154	1.29806	1.29806	0.0962072	1.55151	1.55151	0.0962072	1.55151	1.28082		0.0158751	0.792752	-1.26154	0.2988202	0.597068	1.59768	0.163044	0.597201	-1.67423	0.0973332	0.563241	-1.77544	0.82328	1.56321	1.40147	1
cg22697187	RP1-177G6.2;RP1-177G6.2	0.0175628	0.0154339	0.240172	-4.16369	0.022111	0.267937	-3.73223	0.0538121	0.349652	-2.85999	0.15459	0.481294	-2.07773	0.1524	0.479155	-2.08701		0.552417	0.749403	-1.3344	0.00156747	0.113002	-8.84938	0.00847209	0.199271	-5.01829	0.0361974	0.310665	-3.2189	4.91556	17.9331	3.24288	1
cg25653886	RP11-529J10.4	0.00154081	0.155163	0.924815	-1.0813	0.0547302	0.894086	-1.11846	0.0200179	0.865704	-1.15553	0.00720714	0.836782	-1.19505	4.92E-05	0.675841	-1.47964		0.008616105	0.842681	-1.18669	0.857901	1.063963	0.900477	-1.11052	0.00117629	0.794583	-1.25852	0.10985	0.434778	0.0371645	1
cg04627266	RP11-529J10.4	0.00461293	0.178068	0.815128	-1.22673	0.0612356	0.989086	-1.01148	0.0902	0.814804	-1.22837	0.0902	0.814804	-1.2837	0.0252857	0.779907	-1.28206		0.000163787	0.265091	-3.77052	0.00504446	0.460319	-2.17207	0.755584	1.06746	1.06746	0.00183884	0.427687	-2.33816	0.52995	0.52085	0.615877	1
cg25377605	RP11	0.000128535	0.0012507	0.656206	-1.52391	0.052333	0.21802	1.21802	0.00138995	0.66093	-1.51302	0.554776	0.948006	-1.05485	0.00178768	0.672149	-1.48777		0.242803	1.11544	1.11544	0.0154966	0.766906	-1.30394	1.20E-05	0.0437551	-2.28545	0.000157149	0.561026	-1.78245	20.6996	2.63874	0.112455	1
cg18461678	RP11	0.00126786	0.0122859	0.559044	-1.7891	0.104974	0.729428	-1.3706	0.0613744	0.837482	-1.19448	0.357102	-2.80032	0.242893	1.2996	1.2996	0.313123	0.799551	-1.25073	0.152225	1.38942	1.38942	0.0151851	1.60699	1.60699	0.010626	0.502121	-1.99155	0.130976	0.704092	-1.41984	14.9267	10.864	0.647386	1
cg14739904	RP11	0.00190868	0.207511	1.21975	1.21975	0.830526	0.968474	-1.03255	0.0418785	0.704341	-1.40977	0.0503051	0.01799	1.01799	0.04	0.716509	3.141852		0.0418748	1.4978	1.4978	0.594863	0.922914	-1.08353	0.0252754	0.671963	-1.48818	0.74474	1.05004	1.05004	9.77396	1.4577	0.314459	1
cg16847396	RP11	0.0239189	0.0750481	0.424401	-2.35626	0.0141691	0.27021	-3.70083	0.207198	0.562669	-1.77724	0.229946	0.580094	-1.72386	0.0107003	0.249835	-4.00265		0.0722106	0.420011	-2.38089	0.00240046	0.160641	-6.22505	0.0192081	0.293825	-3.40338	0.125135	0.487894	-2.04963	4.42458	13.0982	2.63139	1
cg17981470	RP11	0.0613153	0.0133915	0.4183	-2.39139	0.0243154	0.1358	-7.36604	0.0164409	0.301985	-3.31125	0.0164409	0.301985	-3.31125	0.0164409	0.301985	-3.31125	0.55972	0.178158	1.193722	-5.59866	0.0121755	0.130624	-7.65622	0.0347211	0.20113	0.479191	1.9249	-1.92495	0.0347211	0.20113	0.479191	1.9249	1
cg25643600	RP11	0.0153691	0.0466898	0.109807	-9.1069	0.103066	0.17524	-5.70646	0.0384784	0.0977271	-10.2326	0.234622	0.298696	-3.34788	0.00873885	0.0391645	-25.5333		0.160967	0.230446	-4.27267	0.0235813	0.0726447	-13.7656	0.00798096	0.036955	-27.0599	0.0336628	0.0901508	-11.0925	8.34297	57.3965	13.2432	1
cg24325548	RP11	0.0096895	0.4095888	1.1385	1.1385	0.7124	1.10645	1.10645	0.0660	0.684124	-1.46455	0.0660	0.684124	-1.46455	0.0660	0.684124	-1.46455	0.182707	0.320707	1.79732	-3.11842	0.0855	0.1795018	0.0345015	0.634572	-1.57644	0.632438	1.58146	0.0345015	0.634572	-1.57644	0.632438	1.58146	1
cg02724490	RP11L1	0.0412572	0.0240817	0.41259	-2.42372	0.6264083	0.501497	-1.99403	0.0114441	0.352999	-2.83287	0.0568434	0.492007	-2.03249	0.0179536	0.388178	2.57614		0.120093	0.574146	-1.74172	0.0222576	0.40592	-2.46354	0.790044	1.09178	1.09178	0.367907	0.737608	-1.35573	3.641312	0.24469	1.52441	1
cg08955118	RP2;RP2	9.92E-05	9.58E-06	0.0170216	-58.749	0.0020809	0.294626	-3.39413	0.535786	1.10315	1.10315	0.197289	1.25124	1.25124	0.0191415	0.576356	-1.73504		?	?	?	0.0456858	0.2709441	?	?	?	?	?	?	?	162.838	35.6766	0.146062	1
cg16364152	RP5-1022P6.2	9.8E-06	0.00202957	0.0128	-7.80844	0.00103327	0.0546	-18.3355	0.0745534	0.848785	-1.17836	0.0161819	0.7944	-1.27976	0.0161819	0.7944	-1.27976	0.676798	-1.49881	0.0227779	0.798575	-1.25223	4.50E-08	0.0906045	0.0998575	-10.0154	0.0122825	0.873099	-1.14539	0.0998575	-10.0154	0.0122825	0.873099	-1.14539	1
cg11068617	RP5-1022P6.2	0.00050711	0.00885743	0.627623	-1.59331	0.946184	1.00948	1.00948	4.10E-05	2.98523	2.98523	0.666925	0.94126	-1.06241	0.275163	1.17202	1.17202		?	?	?	0.0457776	1.37734	1.37734	0.089637	1.29904	1.29904	0.00247986	0.5554	-1.8005	14.5784	4.01194	0.275197	1
cg07130231	RP5-1022P6.2	0.0011102	0.00403824	0.514145	-1.94501	0.0228059	0.729454	-1.37094	0.0025754	0.573196	-1.74482	0.0025754	0.573196	-1.74482	0.0025754	0.573196	-1.74482	0.360538	-2.77254	0.0135748	1.24536	1.24536	0.0416349	0.833044	-1.23373	0.0256655	0.833186	-1.20027	0.0733	2.4	-1.07378	0.14222	0.293355	0.0206653	1
cg15842884	RP5-1022P6.2	0.005627	0.237498	0.852884	-1.17249	0.000351907	0.29261	1.09261	0.0247962	1.41002	2.41002	0.721417	0.955003	-1.04712	0.938345	1.01935	1.00999		0.420372	1.2899549	-1.11167	0.0125459	0.681688	-1.44695	0.171148	0.829131	-1.20608	0.309246	1.17737	1.11737	7.07774	1.85362	0.232796	1
cg05214453	RP5-1022P6.2	0.010398	0.708211	0.948064	-1.05478	0.264973	0.848062	-1.17916	0.0278081	0.691525	-1.44608	0.0671438	0.747468	-1.33785	0.711664	0.948697	-1.05408		0.415575	1.12529	1.12529	0.000239218	0.422008	-2.36962	0.968426	0.994401	-1.00563	0.382404	1.1355	1.1355	5.83719	1.86036	0.283296	1
cg13532456	RP5-1022P6.2	0.0092241	0.0040823	0.481545	-2.07688	0.6086757	0.128311	-7.79385	0.0028554	0.372396	-2.68538	0.0028554	0.372396	-2.68538	0.0028554	0.372396	-2.68538	0.144896	-6.90076	0.0119758	1.53512	1.53512	0.0016	0.4488	-2.22873	0.0107356	0.4488	-2.22873	0.0107356	0.4488	-2.22873	0.0107356	0.4488	-2.22873	1
cg24001556	RP5-1022P6.2	0.0153154	0.670654	0.97231	-1.02848	0.023672	1.19401	1.19401	0.17471	1.0994	1.0994	0.0890851	1.13099	1.13099	0.0193064	1.16945	1.16945		0.0443493	0.859325	-1.1637	0.05327	1.12783	1.12783	0.142973	1.19145	1.19145	0.1511155	1.10625	1.10625	3.85459	0.263071	0.0606655	1
cg16978489	RP5-1022P6.2	0.0257532	0.1867	0.606092	-1.65001	0.0788888	0.441066	-2.26703	0.0381181	0.560268	-1.78501	0.0381181	0.560268	-1.78501	0.0381181	0.560268	-1.78501	0.0603727	0.472093	-2.11806	0.2963157	0.6964959	1.43597	0.0529925	0.17641	2.17641	0.0247865	0.388736	2.57304	0.0247865	0.388736	2.57304	0.0247865	1
cg26942392	RP5-1022P6.2;RP5-1022P6.2	0.0252533	0.0489246	0.543114	-1.84123	0.132832	0.643873	-1.5531	0.00848975	0.401698	-2.48943	0.105173	0.161712	1.61712	0.0218064	0.473633	-2.11134		0.240803	1.11544	1.11544	0.0154966	0.766906	-1.30394	1.20E-05	0.0437551	-2.28545	0.000157149	0.561026	-1.78245	20.6996	2.63874	0.112455	1
cg14291194	RP9	0.0247073	0.0248423	0.534243	-1.87149	0.029417	0.754855	-1.05496	0.171328	0.812828	1.21828	0.0194175	0.660312	-1.51454	0.0194175	0.660312	-1.51454	0.0458833	0.547881	1.82572	0.0756406	1.80772	1.80772	0.0756406	1.80772	1.80772	0.0756406	1.80772	1.80772	0.0756406	1.80772	1.80772	0.0756406	1.80772	1.80772	1
cg19655826	RP9	0.0192392	0.0782358	0.471342	-2.1216	0.346513	0.6137288	-1.62993	0.0253754	0.5388779	-1.84165	0.1299505	0.7944	-1.25882	0.1299505	0.7944	-1.25882	0.1299505	0.7944	-1.25882	0.1299505	0.7944	-1.25882	0.1299505	0.7944	-1.25882	0.1299505	0.7944	-1.25882	0.1299505	0.7944	-1.25882	0.1299505	0.7944	-1.25882	1
cg17423423	RP9	0.0142191	0.520853	0.82277	-1.21541	0.535066	1.2072	1.2072	0.20111	1.49888	1.49888	0.729268	1.10977	1.10977	0.000312544	0.173404	-5.76688		0.0838105	0.563522	-1.77455	0.487948	1.23519	1.23519	0.737447	1.10612	1.10612	0.3491548	0.749079	-1.33497	5.27288	7.50385	1.26498	1
cg19405375	RP9	0.0153591	0.71558	0.940457	-1.06331	0.0243154	0.1358	-7.36604	0.0164409	0.301985	-3.31125	0.0164409	0.301985	-3.31125	0.0164409	0.301985	-3.31125	0.55972	0.178158	1.193722	-5.59866	0.0121755	0.130624	-7.65622	0.0347211	0.20113	0.479191	1.9249	-1.92495	0.0347211	0.20113	0.479191	1.9249	1
cg17806678	RP9P	0.0008183362	0.076218	1.36846	1.36846	0.881249	1.02405	1.02405	0.0602909	0.567039	-1.76355	0.00970001	0.168252	1.68252	2.16E-05	0.257043	3.8904		0.001376021	0.478089	-2.09166	0.0196513	0.205485	0.205485	0.210277	0.810646	-1.23358	0.0506076	0.701732	-1.42505	18.8085	7.53174	0.355949	1
cg08942761	RP9P	0.0008523149	0.908068	0.954493	-1.04806	0.67062	1.1091	1.28011	0.0854455	2.99664	2.99664	0.8019451	0.864893	-1.15622	0.0819036	0.985823	-1.01435		0.767407	0.4481645	1.18674	0.000204713	0.0275448	-36.3045	0.0258266	0.217041	-4.60741	0.0970582	0.978654	-1.02181	6.54656	32.4568	4.60905	1
cg26836793	RP9P	0.0271081	0.258041	1.18546	1.18546	0.876523	0.978193	-1.06229	0.0218237	0.676875	-1.47738	0.0174543	0.590643	-1.69343	0.00945	0.0345996	0.705133	-1.41817	0.0904612	0.767576	1.3028	0.002892	0.459458	0.784774	0.0908554	0.767873	-1.3023	0.474574	1.10864	1.108624	4.23572	1.34883	0.283059	1
cg11182358	RPA1	4.38E-05	0.32325	0.902469	-1.10807	3.31E-05	0.044675	-2.24883	0.281975	0.893635	-1.11903	0.0087715	0.714802	-1.39899	0.0099672	0.720862	-1.38723		0.290916	1.14134	1.14134	1.00E-06	0.274752	-3.63965	0.536852	1.06492	1.06492	0.0660943	0.813368	-1.22946	27.5631	4.41631	0.142422	1
cg19469731	RPA1	0.000117177	0.0068362	0.594307	-1.68263	0.00891807	0.377396	-2.64995	0.0594909	0.649373	-1.54054	0.0594909	0.649373	-1.54054	0.0594909	0.649373	-1.54054	0.741288	-1.34949	1.07E-05	0.184649	-5.4032	0.1613907	0.0024526	0.2847	-3.51264	0.0083759	0.376176	-2.65833	0.2201	0.599033	1
cg09021817	RPA1	0.000247572	0.0593019	1.31658	1.31658	0.0745969	1.2925	1.2925	7.65E-06	0.280969	-3.55911	0.0147983	0.795316	-1.25736	0.00188963	0.566135	-1.76636		0.147818	0.818252	-1.22212	0.0183455	1.44733	1.44733	0.883113	1.01919	1.01919	0.3609731	0.8857	-1.12905	17.336	4.58188	0.234932	1
cg18433109	RPA1	0.000221119	0.194729	1.94729	1.94729	0.91219	0.979564	-1.02715	0.83865	1.00546	1.00546	0.0010365	0.195447	1.09346	1.09346	0.282473	-3.54006	0.0003821	0.252253	1.96428	0.819547	1.04616	-1.05706	0.0167555	0.833262	1.23542	1.23542	0.163354	0.84102	0.89102	0.830389	1
cg24047665	RPA1	0.00436704	0.546733	0.843307	-1.18581	0.000270794	0.188517	-5.30455	0.950039	0.982641	-1.01766	0.0428	0.521246	-1.91848	0.000644153	0.231498	-4.31969		0.101689	0.606116	-1.64985	0.851269	0.948901	-1.05385	0.588995	0.858622	-1.16466	0.0134567	0.494074	-2.02399	6.73693	9.45676	1.09927	1
cg04237489	RPA1	0.00725567	0.0159852	0.553463	-1.80681	0.040951	0.623053	-1.605	0.153943	1.35815	1.35815	0.688615	1.08414	1.08414	0.0499463	0.638655	-1.56579		0.00091598	0.370180	-2.70132	0.0712627	1.4979	1.4979	0.101634	0.698081	-1.4325	0.0500468	0.638815	-1.5654	6.54145	4.16719	0.566261	1
cg04936599	RPA1	0.0038073	0.633402	0.870871	-1.14813	0.0111353	0.1358	-7.36604	0.0164409	0.301985	-3.31125	0.0164409	0.301985	-3.31125	0.0164409	0.301985	-3.31125	0.55972	0.178158	1.193722	-5.59866	0.0121755	0.130624	-7.65622	0.0347211	0.20113	0.479191	1.9249	-1.92495	0.0347211	0.20113	0.479191	1.9249	1
cg18070630	RPA1	0.0232789	0.207547	0.766862	-1.30402	0.674749	0.919157	-1.08795	0.117996	0.712454	-1.4036	0.73304	1.07078	1.07078	0.256454	0.789317	-1.26692		0.001238159	0.25364	2.55364	0.064867	1.51303	1.51303	0.429305	0.851161	-1.17487	0.414241	1.8464511	1.1854	0.488285	0.582195	0.561634	1
cg22463793	RPA1	0.0142723	0.1074227	1.61933	1.61933	0.2907307	1.10493	1.10493	0.0117964	1.38963	1.38963	0.0202873	1.42919	1.42919	0.0202873	1.42919	1.24025		0.458538	0.802652	-1.12641	0.1881402	1.25216	1.25216	0.0847054	0.691208	-1.44657	0.0328404	0.597055	1.67446	0.74357	0.592335	0.796825	1
cg07583981	RPA1	0.0367003	0.0635967	1.595	1.595	0.414954	1.20507	1.20507	0.0612098	0.623628	-1.60352	0.675964	0.910192	-1.09867	0.043531	1.68134	1.68134		0.125165	0.689661	-1.44999	0.0263393	1.8034	1.8034	0.0327792	1.74907	1.74907	0.431143	1.19706	1.19706	1.80111	1.01677	0.705471	1
cg07141545	RPA1	0.019258	0.581232	0.856519	-1.16752	0.00292599	3.11553	3.11553	0.0519136	1.91786	1.97786	0.547178	0.844206	-1.18455	0.0851915	0.580148	-1.69737

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18771195	RPH3AL	2.63E-05	1.31E-05	0.144606	-6.91534	0.28139	1.26709	1.26709	0.345383	0.814251	-1.22812	0.0440327	1.63114	1.63114	4.41E-06	0.106874	-9.35685
cg23683898	RPH3AL	4.00E-05	5.77E-05	0.319352	-3.13134	0.899924	0.980931	-1.01944	0.0141242	0.629079	-1.58962	0.57021	1.09178	1.09178	2.57E-05	0.279065	-3.5834
cg00684171	RPH3AL	8.88E-05	0.00239	0.541066	-1.8482	0.000332812	0.431594	-2.31699	0.000108271	0.371532	-2.69156	0.00775991	1.64237	1.64237	0.000824297	0.481377	-2.07738
cg07946536	RPH3AL	0.000149876	0.0771382	0.84297	-1.18628	9.12E-06	2.30354	2.30354	0.00049853	1.60555	1.60555	0.0356658	1.23679	1.23679	0.0123432	0.762767	-1.31102
cg26308512	RPH3AL	0.000501395	0.0751521	0.613132	-1.63097	0.000138402	0.196706	-5.08372	0.00259797	0.356985	-2.80124	0.313515	1.29348	1.29348	0.00261855	0.357484	-2.79733
cg06179657	RPH3AL	0.00050308	0.000207505	0.255916	-3.90754	0.121	1.4463	1.4463	0.295486	1.26882	1.26882	0.053789	1.61697	1.61697	0.000140813	0.236464	-4.22898
cg16624788	RPH3AL	0.000540644	0.284738	1.05942	1.05942	0.0278756	0.873719	-1.14453	0.0561116	1.11895	1.11895	0.0465712	0.888342	-1.12569	0.00631248	1.20294	1.20294
cg21771660	RPH3AL	0.000612865	0.22976	1.21854	1.21854	0.000197446	0.374867	-2.66761	0.00284298	0.524995	-1.90478	0.256108	1.20434	1.20434	0.000324321	0.401819	-2.48869
cg10436631	RPH3AL	0.000778292	0.00029417	0.22601	-4.42458	0.189971	1.41909	1.41909	0.0130265	0.459885	-2.17446	0.0140228	0.46541	-2.14864	0.000462408	0.249254	-4.01197
cg06562014	RPH3AL	0.00100408	0.841765	1.06449	1.06449	0.962405	1.01485	1.01485	0.621125	1.16856	1.16856	0.87315	0.951271	-1.05123	1.34E-05	0.0578169	-17.296
cg15295273	RPH3AL	0.00129914	0.422496	1.11466	1.11466	0.000628209	0.498366	-2.00656	0.213225	0.84058	-1.18965	0.0155957	0.675123	-1.48121	0.00146153	0.54399	-1.83827
cg08775844	RPH3AL	0.00137404	0.0810663	1.38372	1.38372	0.00506541	0.536743	-1.86309	0.0167169	0.612332	-1.6331	0.409016	1.15233	1.15233	7.63E-05	0.299988	-3.33347
cg16373144	RPH3AL	0.00142114	0.109782	0.802878	-1.24552	0.356022	0.887307	-1.12701	0.141476	0.819447	-1.22033	0.637128	1.06167	1.06167	0.00225178	0.583622	-1.71344
cg04248279	RPH3AL	0.00215385	0.101498	0.817271	-1.22358	0.00167013	0.602939	-1.65854	0.000661805	0.556086	-1.79828	0.0224917	0.735198	-1.36018	0.00647512	0.671414	-1.48939
cg11940040	RPH3AL	0.00238666	0.267583	1.40708	1.40708	0.272022	1.40229	1.40229	0.00206775	0.27727	-3.60659	0.0992364	0.586022	-1.70642	0.00192818	0.2731	-3.66166
cg04172345	RPH3AL	0.00240636	0.97096	1.00719	1.00719	5.41E-05	0.227203	-4.40136	0.106484	0.706754	-1.41492	0.321659	1.22336	1.22336	0.384636	0.839022	-1.19186
cg00703441	RPH3AL	0.00250066	0.970151	0.990445	-1.00965	0.00069515	0.265065	-3.77266	0.000253697	0.21287	-4.6977	0.175341	1.44746	1.44746	0.0588248	1.72911	1.72911
cg03226844	RPH3AL	0.0032613	0.894562	1.03512	1.03512	0.210579	0.709333	-1.40977	0.00132449	0.296503	-3.37265	0.000186241	0.193507	-5.16777	0.00816097	0.414214	-2.41421
cg18290190	RPH3AL	0.00354071	0.250778	1.46642	1.46642	0.0785441	1.86517	1.86517	0.00862557	0.343548	-2.9108	0.488699	1.25156	1.25156	0.304321	1.40407	1.40407
cg08770870	RPH3AL	0.00522485	0.364166	1.26492	1.26492	0.516232	1.18043	1.18043	0.00835109	0.427667	-2.33827	0.0381621	0.545765	-1.83229	0.00353613	0.36917	-2.70878
cg02938172	RPH3AL	0.00541181	0.00965195	0.535528	-1.86732	0.00972752	0.536049	-1.8655	0.00315018	0.46328	-2.15852	0.00275438	0.454931	-2.19813	0.00107796	0.398307	-2.51062
cg26352439	RPH3AL	0.00643537	0.293665	0.861316	-1.16101	0.892225	1.01875	1.01875	0.0132865	0.656721	-1.52272	0.127109	0.79761	-1.25375	0.459114	1.10884	1.10884
cg07385388	RPH3AL	0.00650942	0.365485	0.906364	-1.10331	0.626628	0.949484	-1.0532	0.000806985	0.585964	-1.70659	0.433105	1.08826	1.08826	0.815299	1.02505	1.02505
cg19589251	RPH3AL	0.00744341	0.897515	0.972524	-1.02825	0.677383	1.09467	1.09467	0.000761923	0.331931	-3.01268	0.221395	1.32036	1.32036	0.00171915	0.380111	-2.63081
cg08291304	RPH3AL	0.00802746	0.18924	0.80453	-1.24296	0.0319371	0.674942	-1.48161	0.0446407	0.69729	-1.43412	0.196736	0.807793	-1.23794	0.0118426	0.611758	-1.63463
cg08686293	RPH3AL	0.00834963	0.179772	0.764344	-1.30831	0.0531135	0.660665	-1.51363	0.0482959	0.653348	-1.53058	0.00938077	0.537235	-1.86138	0.00269199	0.457378	-2.18637
cg15292446	RPH3AL	0.00853213	0.136764	0.7967	-1.25518	0.652518	0.937756	-1.06638	0.00172954	0.530611	-1.88462	0.00708139	0.610546	-1.63788	0.72468	0.951096	-1.05142
cg14474728	RPH3AL	0.00854976	0.00771674	2.01782	2.01782	0.0375203	0.609567	-1.64051	0.306993	0.805005	-1.24223	0.473228	0.861034	-1.16139	0.00113746	0.374668	-2.66903
cg10016717	RPH3AL	0.00869781	0.482211	0.801136	-1.24823	0.0109154	0.370895	-2.69618	0.0437686	0.487009	-2.05335	0.13552	0.606886	-1.64776	0.00360224	0.294222	-3.39879
cg18222500	RPH3AL	0.0089196	0.0899404	0.58948	-1.69641	0.336804	0.755764	-1.32316	0.0371739	0.504561	-1.98192	0.423834	0.793758	-1.25983	0.000409919	0.204582	-4.88801
cg11788856	RPH3AL	0.00969773	0.0179967	0.616043	-1.62326	0.771503	0.952105	-1.0503	0.0226964	0.631452	-1.58365	0.0893269	0.729237	-1.3713	0.001325	0.455182	-2.19692
cg11815570	RPH3AL	0.00986754	0.00556138	0.379879	-2.63242	0.675094	0.894018	-1.11855	0.126427	0.64444	-1.55173	0.106399	0.625915	-1.59766	0.000267712	0.204027	-4.90131
cg03379477	RPH3AL	0.0101264	0.222683	0.83487	-1.19779	0.00279082	0.55964	-1.78686	0.00432503	0.58439	-1.71119	0.970246	1.00527	1.00527	0.095784	0.772851	-1.29391
cg17317895	RPH3AL	0.010483	0.731642	1.0872	1.0872	0.0136261	2.09843	2.09843	0.829402	0.948943	-1.0538	0.314462	1.28742	1.28742	0.001877	0.34273	-2.91775
cg12742645	RPH3AL	0.0116776	0.0827164	1.83355	1.83355	0.094827	1.78459	1.78459	0.030791	0.44921	-2.22613	0.657133	1.15136	1.15136	0.0305729	2.22925	2.22925
cg01717881	RPH3AL	0.0133028	0.517512	0.866435	-1.15415	0.559525	0.879031	-1.13762	0.000254306	0.267967	-3.7318	0.448848	0.844818	-1.18369	0.327255	1.24729	1.24729
cg26260291	RPH3AL	0.0150922	0.128601	0.691226	-1.44671	0.0167889	0.518842	-1.92737	0.851992	0.958875	-1.04289	0.256499	0.766213	-1.30512	0.000374689	0.278328	-3.59288
cg07934927	RPH3AL	0.0199116	0.00773426	0.256337	-3.90111	0.00757919	0.25497	-3.92203	0.00619833	0.241694	-4.13747	0.375392	1.43617	1.43617	0.116432	0.507239	-1.97146
cg15334380	RPH3AL	0.0201692	0.904934	0.979372	-1.02106	0.020876	1.62423	1.62423	0.0148857	0.593029	-1.68626	0.646511	1.08389	1.08389	0.716826	1.06561	1.06561
cg20626144	RPH3AL	0.0220804	0.2764	1.17881	1.17881	0.667014	0.939042	-1.06492	0.00388174	0.568306	-1.75962	0.355386	1.14814	1.14814	0.91049	0.983792	-1.01647
cg05526731	RPH3AL	0.0239404	0.279282	0.839023	-1.19186	0.216735	0.816432	-1.22484	0.00194336	0.50461	-1.98173	0.135757	0.778133	-1.28513	0.00684376	0.578952	-1.72726
cg22251117	RPH3AL	0.0244254	0.00702225	0.229837	-4.3509	0.0662134	0.419264	-2.38513	0.222803	0.582494	-1.71676	0.332432	1.52472	1.52472	0.00351149	0.188218	-5.313
cg11794735	RPH3AL	0.024683	0.141472	0.382532	-2.61416	0.140086	2.62427	2.62427	0.0229624	0.191421	-5.22409	0.469639	0.639491	-1.56374	0.00290127	0.0830747	-12.0374
cg05650604	RPH3AL	0.0247201	0.339663	0.817731	-1.2229	0.00583619	2.09189	2.09189	0.612906	0.900939	-1.10995	0.403099	1.19119	1.19119	0.809687	1.05057	1.05057
cg19242851	RPH3AL	0.026194	0.294125	0.688221	-1.45302	0.00968487	0.325014	-3.07679	0.0119336	0.340529	-2.93661	0.0712342	0.500632	-1.99747	0.0255819	0.402212	-2.48625
cg14012014	RPH3AL	0.0262085	0.270522	0.807368	-1.23859	0.0198261	0.591772	-1.68984	0.00625406	0.514507	-1.94361	0.0294811	0.619925	-1.6131	0.0032303	0.472678	-2.1156
cg05919324	RPH3AL	0.0277474	0.102448	4.92284	4.92284	0.00308443	37.0571	37.0571	0.0481827	7.49286	7.49286	0.0233622	11.2069	11.2069	0.0670185	6.24045	6.24045
cg06324707	RPH3AL	0.0316279	0.244083	1.26764	1.26764	0.144917	0.737375	-1.35616	0.223016	1.28296	1.28296	0.674108	0.920992	-1.08579	0.00364546	0.465186	-2.14968
cg17224754	RPH3AL	0.032218	0.0133362	0.288333	-3.46821	0.0185933	0.314242	-3.18226	0.173178	0.555451	-1.80034	0.295654	0.644074	-1.55262	0.00472938	0.218196	-4.58303
cg10440639	RPH3AL	0.0338225	0.335314	1.51895	1.51895	0.460177	1.37213	1.37213	0.0192264	0.303723	-3.29248	0.822367	0.909733	-1.09922	0.0179604	0.298256	-3.35282
cg26238560	RPH3AL	0.0366179	0.373705	0.91638	-1.09125	0.0844653	0.833177	-1.20023	0.040741	0.797797	-1.25345	0.0487132	1.24022	1.24022	0.084472	1.20022	1.20022
cg11640979	RPH3AL	0.0382417	0.215563	1.23251	1.23251	0.00206036	0.481502	-2.07684	0.0166264	0.618471	-1.61689	0.659355	0.931781	-1.07321	0.425872	0.878269	-1.1386
cg24320242	RPH3AL	0.0422726	0.9847	0.996975	-1.00303	0.403395	0.873639	-1.14464	0.0024607	0.514077	-1.94523	0.894311	1.02122	1.02122	0.14075	1.28443	1.28443
cg18993664	RPH3AL	0.0427958	0.374824	0.895892	-1.11621	0.0204617	1.40085	1.40085	0.498789	0.920469	-1.0864	0.00820353	0.664845	-1.50411	0.214204	0.853996	-1.17097
cg08820233	RPH3AL	0.0429302	0.402036	0.813191	-1.22972	0.12708	0.671761	-1.48863	0.0369289	0.557503	-1.79371	0.0341668	0.551037	-1.81476	0.00516268	0.410503	-2.43604
cg21040096	RPH3AL	0.044227	0.0354865	0.307415	-3.25293	0.151353	0.476751	-2.09753	0.226794	0.542574	-1.84307	0.0558025	2.84071	2.84071	0.0528937	0.34643	-2.88659
cg25216634	RPH3AL	0.0443288	0.0226821	0.208173	-4.8037	0.00387245	0.106644	-9.37703	0.0512354	0.278849	-3.58617	0.122603	0.381951	-2.61814	0.0738207	0.317783	-3.1468
cg09641537	RPH3AL	0.0465881	0.366751	1.18033	1.18033	0.630571	0.917003	-1.09051	0.0543037	0.676734	-1.47769	0.376143	1.17633	1.17633	0.0960284	0.721199	-1.38658
cg20130018	RPH3AL	0.0478451	0.207066	1.17243	1.17243	0.0264263	1.36982	1.36982	0.758006	0.963727	-1.03764	0.382269	1.11308	1.11308	0.201031	0.850911	-1.17521
cg10432987	RPH3AL	0.048431	0.391343	1.36435	1.36435	0.283818	1.48274	1.48274	0.165844	0.592879	-1.68668	0.0600816	2.11761	2.11761	0.269525	0.665808	-1.50193
cg01351177	RPIA	0.011938	0.227234	0.768109	-1.3019	0.0101235	1.96435	1.96435	0.809216	0.950906	-1.05163	0.829319	0.956065	-1.04595	0.564049	1.12904	1.12904
cg10103235	RPIA	0.0127568	0.235889	1.33953	1.33953	0.00165966	0.346785	-2.88363	0.0119097	0.477774	-2.09304	0.772406	0.934029	-1.07063	0.75319	1.07706	1.07706
cg06529439	RPIA	0.0160482	0.256517	1.29502	1.29502	0.0507356	1.62564	1.62564	0.228569	1.31764	1.31764	0.0123715	1.97337	1.97337	0.230721	1.3158	1.3158
cg27005190	RPIA	0.0266088	0.320489	0.758916	-1.31767	0.370365	0.780976	-1.28045	0.560906	0.853837	-1.17118	0.976107	1.00808	1.00808	0.131959	0.646001	-1.54799
cg18922091	RPIA	0.0365383	0.318237	1.19324	1.19324	0.00937138	1.75812	1.75812	0.0623686	1.43227	1.43227	0.0741615	0.711212	-1.40605	0.329118	0.841564	-1.18826
cg01494896	RPIA	0.0372953	0.40032	1.36866	1.36866	0.510189	0.783877	-1.27571	0.0623181	2.1487	2.1487	0.311376	0.682641	-1.4649	0.0296996	0.39343	-2.54175
cg05487424	RPIA	0.0373397	0.0670633	0.804332	-1.24327	0.238815	0.877328	-1.13982	0.872973	1.01712	1.01712	0.339786	0.900893	-1.11001	0.106584	1.20553	1.20553
cg00375105	RPL10;RPL10	0.00159162	0.0569478	0.212127	-4.71415	0.279232	2.24729	2.24729	0.128477	3.26296	3.26296	0.00511867	14.3271	14.3271	0.625316	0.701711	-1.42509
cg02684842	RPL10;RPL10;SNORA70	0.002167	0.000425316	0.199369	-5.01582	0.154923	0.644104	-1.55254	0.184178	0.665588	-1.50243	0.00279931	0.304115	-3.28823	0.000151437	0.152767	-6.5459
cg17675199	RPL10A	0.00135381	0.0290245	0.825177	-1.21186	0.000124533	0.606914	-1.64768	0.00128035	0.704246	-1.41996	0.962533	0.996499	-1.00351	0.21657	0.907472	-1.10196
cg16624013	RPL10A	0.00792395	0.0145366	0.571075	-1.75108	0.121889	0.731944	-1.36622	0.226355	1.2667	1.2667	0.0111397	0.553126	-1.80791	0.00260037	0.460048	-2.17369
cg15267307	RPL10A;FANCE	0.000647026	0.0646821	0.683391	-1.46329	0.728086	0.937974	-1.06613	0.676792	1.07994	1.07994	0.396753	0.852825	-1.17257	0.547904	0.894443	-1.11801
cg27117476	RPL10L	0.0030078	0.00033928	0.226023	-4.42433	0.284305	1.33173	1.33173	0.0159574	0.467671	-2.13825	0.715008	0.909871	-1.09906	0.00120484	0.294814	-3.39197
cg09387229	RPL10L	0.00308584	0.00647468	0.703973	-1.42051	0.0120605	1.36401	1.36401	0.0298385	0.776096	-1.2885	0.0108827	0.728307	-1.37305	0.942643	1.00716	1.00716
cg14871534	RPL10L	0.00462262	0.0153386	1.6639	1.6639	0.000742619	2.40187	2.40187	0.967317	1.00703	1.00703	0.803547	1.04357	1.04357	0.0296644	1.54956	1.54956
cg06599920	RPL10L	0.00763385	0.80981	0.962874	-1.03856	0.00107771	2.13307	2.13307	0.037597	1.46007	1.46007	0.0146178	1.60285	1.60285	0.631739	0.92703	-1.07871
cg07062130	RPL10L	0.0136282	0.2036	1.45851	1.45851	0.0110303	2.45156	2.45156	0.496514	1.21431	1.21431	0.316076	1.33848	1.33848	0.00639188	2.71286	2.71286
cg24406162	RPL11	0.0208224	0.0714292	0.434535	-2.30131	0.151373	0.529172	-1.88975	0.632863	0.81935	-1.22048	0.20194	1.74684	1.74684	0.0154646	0.292334	-3.42074
cg05840553	RPL12;LRSAM1;LRSAM1	0.00147804	0.00167831	0.412565	-2.42386	0.853844	1.03702	1.03702	0.0764846	0.678135	-1.47463	0.0254376	0.59244	-1.68793	0.00235339	0.433235	-2.30821
cg02732508	RPL13;RPL13	0.00909093	0.00724977	0.390767	-2.55907	0.816067	1.06524	1.06524	0.00877345	2.47292	2.47292	0.649636	1.13207	1.13207	0.0189553	0.462695	-2.16125
cg07344397	RPL13;RPL13	0.0127792	0.0338208	3.82311	3.82311	0.000955402	14.348	14.348	0.808099	1.14075	1.14075	0.16307	2.23832	2.23832	0.0302969	0.252034	-3.96772
cg01035068	RPL13;RPL13;SNORD68	0.0018903	0.00152289	0.260035	-3.84564	0.274353	0.714887	-1.39882	0.54135	1.20016	1.20016	0.744201	0.907903	-1.10144	0.0848394	0.569862	-1.75481
cg07868478	RPL13;RPL13;SNORD68;RPL13	0.000788464	0.230037	1.5423	1.5423	0.000101642	0.0935934	-10.6845	0.0127425	2.90033	2.90033	?	?	?	0.115027	0.554554	-1.80325
cg09411121	RPL13;SNORD68;RPL13	0.00223424	0.190197	0.887562	-1.12668	0.006164	1.35956	1.35956	0.00152671	1.48033	1.48033	0.0450002	1.21869	1.21869	0.201546	0.890519	-1.12294
cg04803098	RPL13;SNORD68;RPL13	0.0258443	0.225436	0.668932	-1.49492	0.0198389	0.411373	-2.43088	0.997627	0.999061	-1.00094	0.0811067	0.542928	-1.84187	0.0215038	0.418036	-2.39214
cg02897623	RPL13;SNORD68;RPL13	0.0460188	0.188666	0.879347	-1.13721	0.749472	1.03002	1.03002	0.0715537	0.830472	-1.20413	0.6672	1.04074	1.04074	0.194672	1.13502	1.13502
cg12671090	RPL13AP17;MAGI2	0.0201338	0.00685826	0.467741	-2.13794	0.0347165	0.586106	-1.70618	0.0678375	0.64153	-1.55877	0.599745	1.12178	1.12178	0.00212304	0.391706	-2.55294
cg14205820	RPL13AP17;MAGI2	0.0331329	0.275954	0.695737	-1.43732	0.109221	0.571726	-1.74909	0.292143	0.704775	-1.41889	0.105876	1.76015	1.76015	0.00525521	0.30782	-3.24865
cg15883249	RPL13AP20	0.000645771	0.163702	0.84854	-1.17849	5.19E-05	0.43327	-2.30803	0.270831	0.881011	-1.13506	0.501538	0.927395	-1.07829	0.822798	0.975519	-1.0251
cg02589949	RPL13AP20	0.00655497	0.0815347	0.560352	-1.78459	0.604452	0.854897	-1.16973	0.415808	1.2834	1.2834	0.00068506	0.210994	-4.73948	0.00309296	0.296852	-3.36869
cg01210288	RPL13AP3	2.59E-05	0.0225011	0.688871	-1.45165	2.21E-05	0.313008	-3.19481	0.925258	0.987286	-1.01288	0.0550956	0.743361	-1.34524	0.424093	1.11776	1.11776
cg13195690	RPL13AP3	0.000332891	0.00546765	0.468841	-2.13292	0.271819	1.26763	1.26763	0.00380145	0.445179	-2.24629	0.0656914	0.65168	-1.5345	0.108374	0.695507	-1.4378
cg08313491	RPL13AP3	0.0249765	0.68954	1.22572	1.22572	0.923763	0.952643	-1.04971	0.311182	0.587965	-1.70078	0.0844606	0.380085	-2.63099	0.617978	1.29026	1.29026
cg09304270	RPL13AP3	0.0391155	0.196683	0.716593	-1.39549	0.185857	1.40839	1.40839	0.550259	1.159	1.159	0.922168	1.02415	1.02415	0.20817	0.723279	-1.38259
cg07664027	RPL13AP5;RPL13A	0.0002778	0.0437332	0.748331	-1.33631	0.942463	1.00907	1.00907	0.0675171	1.29196	1.29196	0.851971	0.97691	-1.02364	1.00E-05	0.30571	-3.27107
cg13671109	RPL13AP5;RPL13A	0.00106594	5.39E-05	0.211487	-4.72842	0.74895	1.0685	1.0685	0.0453197	1.60608	1.60608	0.0836382	1.48451	1.48451	0.1061	0.69476	-1.43935
cg22079082	RPL13AP5;RPL13A	0.00430912	0.00127311	0.1927	-5.1894	0.00313167	4.1174	4.1174	0.816865	0.921946	-1.08466	0.132176	0.565944	-1.76696	0.007306	0.297647	-3.35969
cg14048834	RPL13AP5;RPL13A	0.0195093	?	?	?	0.405251	2.52778	2.52778	0.711131	0.668698	-1.49544	?	?	?	?	?	?
cg25350122	RPL13AP5;RPL13A	0.0457551	0.173611	0.527897	-1.89431	0.00713356	4.63401	4.63401	0.0118235	4.00307	4.00307	0.913882	1.04889	1.04889	0.969764	0.983413	-1.01687
cg11868621	RPL13AP5;SNORD32A;RPL13A	0.000298386	0.000244465	0.527316	-1.8964	0.00618832	1.45772	1.45772	0.133629	1.18624	1.18624	0.66027	1.0478	1.0478	0.512444	0.932273	-1.07265
cg19426731	RPL13AP5;SNORD33;SNORD32A;RPL13A	0.013207	0.854075	0.966254	-1.03492	0.432904	0.861379	-1.16093	0.0440167	1.53956	1.53956	0.00400562	2.05661	2.05661	0.0678768	0.682965	-1.4642
cg23390488	RPL13AP5;SNORD33;SNORD35A;SNORD34;RPL13A;SNORD32A	0.00216556	0.00108564	0.412157	-2.42626	0.195017	1.28651	1.28651	0.112401	1.37392	1.37392	0.544683	1.11928	1.11928	0.00125737	0.420797	-2.37644
cg15531369	RPL13AP5;SNORD33;SNORD35A;SNORD34;RPL13A;SNORD32A	0.0164435	0.0125543	0.218519	-4.57626	0.231303	0.540591	-1.84983	0.825581	0.897517	-1.11418	0.956769	1.02691	1.02691	0.00518265	0.164019	-6.09686
cg06538345	RPL13AP5;SNORD33;SNORD35A;SNORD34;RPL13A;SNORD32A	0.0198536	0.0184735	0.161085	-6.20792	0.766686	1.20939	1.20939	0.708432	0.78661	-1.27128	0.820715	1.15608	1.15608	0.0074591	0.11066	-9.03673
cg27321942	RPL13AP5;SNORD33;SNORD35A;SNORD34;RPL13A;SNORD32A	0.0363879	0.023281	0.179583	-5.56846	0.0520887	0.246781	-4.05218	0.268711	0.482164	-2.07398	0.556792	1.45694	1.45694	0.0163289	0.155793	-6.41878
cg08291040	RPL13AP5;SNORD35A;RPL13A	0.0405958	0.00582435	0.467351	-2.13972	0.441408	1.17982	1.17982	0.217266	1.3145	1.3145	0.915873	1.02251	1.02251	0.181509	0.741716	-1.34823
cg11252555	RPL13AP5;SNORD35A;SNORD33;SNORD34;RPL13A	0.0202377	0.013497	0.518513	-1.92859	0.177741	1.36019	1.36019	0.884999	0.969394	-1.03157	0.0316098	1.71823	1.71823	0.93769	0.983348	-1.01693
cg08965744	RPL13P5	1.51E-06	1.03E-05	0.229623	-4.35497	0.00123863	2.08709	2.08709	0.824535	0.965984	-1.03521	0.0365062	1.46052	1.46052	1.10E-07	0.0698232	-14.3219
cg20048599	RPL13P5	0.000139096	0.480339	0.904437	-1.10566	0.445269	0.896782	-1.1151	0.00025357	0.429911	-2.32607	0.549312	1.08853	1.08853	1.69E-05	0.290223	-3.44563
cg21541335	RPL13P5	0.00667297	0.689579	0.959772	-1.04191	0.168297	1.162	1.162	0.806284	0.975188	-1.02544	0.0685328	1.23186	1.23186	0.0928602	1.20815	1.20815
cg10374202	RPL14;RPL14	0.000272345	0.00021758	0.165922	-6.02693	0.00246576	0.293393	-3.4084	0.00606087	0.352076	-2.8403	0.0135069	0.410449	-2.43635	0.000113472	0.1389	-7.19942
cg05592184	RPL14;RPL14	0.01048	0.0161647	0.517507	-1.93234	0.0121726	2.0127	2.0127	0.0160556	1.93421	1.93421	0.659379	0.905469	-1.1044	0.687019	1.09491	1.09491
cg26261559	RPL14;RPL14	0.0168214	0.259708	0.847841	-1.17947	0.12924	1.25878	1.25878	0.540949	0.916777	-1.09078	0.607419	1.07546	1.07546	0.000668727	0.481498	-2.07685
cg03509777	RPL14;RPL14	0.0234822	0.0153233	0.343474	-2.91143	0.00791027	3.39709	3.39709	0.0758641	2.03257	2.03257	0.146123	0.571129	-1.75092	0.79757	1.09667	1.09667
cg17679864	RPL14;RPL14;RPL14	0.0217836	0.230015	1.5221	1.5221	0.769025	0.906446	-1.10321	0.677427	1.14975	1.14975	0.0638693	2.00332	2.00332	0.0011155	0.201571	-4.96104
cg18115766	RPL15	0.0148794	0.0103728	0.173848	-5.75215	0.041048	0.27868	-3.58834	0.0231642	0.229632	-4.35478	0.156697	0.440003	-2.27271	0.0041801	0.124951	-8.00311
cg15921271	RPL15;NKIRAS1	0.0437118	0.0248591	1.60226	1.60226	0.693816	1.07234	1.07234	0.365461	1.17839	1.17839	0.842206	1.03581	1.03581	0.778266	1.0511	1.0511
cg06151625	RPL15;NKIRAS1	0.0487338	0.385652	0.760208	-1.31543	0.00840035	0.354237	-2.82297	0.553096	1.20317	1.20317	0.669833	1.14136	1.14136	0.742679	0.903429	-1.10689
cg11891983	RPL17;SNORD58A;SNORD58B;RPL17	0.00798044	0.164754	1.52129	1.52129	0.00442818	2.93034	2.93034	0.000950227	0.247956	-4.03297	0.970857	0.989711	-1.0104	0.145312	0.642307	-1.55689
cg11857433	RPL17;SNORD58B;RPL17	0.0476109	0.690644	1.10359	1.10359	0.236953	1.35703	1.35703	0.0334619	0.54215	-1.84451	0.027023	1.90616	1.90616	0.740981	1.08517	1.08517
cg00398268	RPL17;SNORD58C;U58;RPL17	0.00993501	0.000192201	0.389906	-2.56472	0.0407776	0.701747	-1.42501	0.357349	1.15253	1.15253	0.162362	0.79955	-1.2507	0.142846	0.789635	-1.26641
cg06271165	RPL17;SNORD58C;U58;RPL17	0.0188825	0.00311038	0.306188	-3.26597	0.69251	1.12335	1.12335	0.0942324	0.583682	-1.71326	0.0819551	0.568908	-1.75775	0.00247762	0.291982	-3.42487
cg23972869	RPL18;SPHK2	0.00103447	0.0433133	0.605857	-1.65056	0.0967771	0.674996	-1.48149	0.716904	0.924491	-1.08168	0.0130095	0.51458	-1.94333	2.88E-05	0.170136	-5.87765
cg24034412	RPL18;SPHK2	0.00548809	0.00225101	0.678141	-1.47462	0.0122391	1.32774	1.32774	0.971511	1.00325	1.00325	0.848552	0.982785	-1.01752	0.00792453	0.733968	-1.36246
cg04750166	RPL18;SPHK2	0.0167157	0.000961128	0.288194	-3.46988	0.077252	0.608347	-1.6438	0.219047	0.72105	-1.38687	0.963671	0.988542	-1.01159	0.0598958	0.584427	-1.71108
cg23398323	RPL18;SPHK2;SPHK2	0.0412301	0.745632	1.07763	1.07763	0.0146123	0.501239	-1.99506	0.0313324	0.55983	-1.78626	0.716006	1.08754	1.08754	0.561319	0.873797	-1.14443
cg07795307	RPL18A	0.0204559	0.451817	1.28269	1.28269	0.0187502	2.52191	2.52191	0.737869	1.11526	1.11526	0.748538	0.900813	-1.11011	0.0255785	0.422538	-2.36665
cg18627179	RPL18AP3;RPL18A	0.017036	0.56866	0.827263	-1.20881	0.000606166	0.175553	-5.69628	0.0600199	0.497416	-2.01039	0.983616	1.00678	1.00678	0.61758	0.847314	-1.1802
cg14757267	RPL18AP3;RPL18A	0.0315795	0.169716	0.642143	-1.55729	0.714848	1.11753	1.11753	0.405532	0.772815	-1.29397	0.0372874	0.480922	-2.07934	0.19856	0.662683	-1.50902
cg19851669	RPL18AP3;RPL18A	0.0451026	0.0359918	5.10808	5.10808	0.752902	1.23509	1.23509	0.602695	1.42063	1.42063	0.20485	2.44585	2.44585	0.00428709	0.0777665	-12.859
cg25506106	RPL18AP3;RPL18A;RPL18A	0.0141098	0.097257	0.611094	-1.63641	0.128856	0.642068	-1.55747	0.153983	0.662716	-1.50894	0.00152084	0.274303	-3.6456	0.833723	0.945459	-1.05769
cg18610071	RPL18AP3;SNORA68;RPL18A	0.000697023	0.661237	1.10333	1.10333	0.000261356	0.262206	-3.81379	0.000437305	0.289612	-3.4529	0.949389	1.01426	1.01426	0.000203374	0.249326	-4.01081
cg15640140	RPL18AP3;SNORA68;RPL18A	0.00725201	0.00389727	0.0669588	-14.9346	0.0025179	0.0540119	-18.5145	0.340608	0.504984	-1.98026	0.113583	0.301861	-3.31278	0.00640182	0.0847624	-11.7977
cg06508005	RPL18AP3;SNORA68;RPL18A	0.0117097	0.0233884	0.364851	-2.74084	0.761133	0.892712	-1.12018	0.143686	1.79464	1.79464	0.240077	1.5807	1.5807	0.338366	0.692561	-1.44392
cg11436260	RPL19	0.0251608	0.00880828	0.540161	-1.8513	0.0693495	1.45523	1.45523	0.741322	0.940663	-1.06308	0.00233842	0.456347	-2.19132	0.957762	0.990268	-1.00983
cg01145420	RPL19	0.0391808	0.9134	1.06501	1.06501	0.712099	0.806741	-1.23956	0.0129553	0.157425	-6.35225	0.317843	0.548357	-1.82363	0.710458	1.24116	1.24116

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18771195	0.00699577	2.09073	2.09073	0.00438625	2.23542	2.23542	0.127406	1.41702	1.41702	0.0148339	1.88471	1.88471	31.5136	22.3145	0.629413	1
cg23683898	2.87E-05	0.284462	-3.51541	6.00E-05	0.321407	-3.11132	0.0243308	0.663169	-1.50791	4.35E-05	0.305117	-3.27743	28.2288	10.4702	0.329694	1
cg00684171	0.00946832	0.620572	-1.61142	2.80E-05	0.302287	-3.30812	0.000916034	0.487234	-2.0524	0.00104738	0.494689	-2.02147	22.8557	7.62248	0.296449	1
cg07946536	0.781113	1.02451	1.02451	0.000625105	1.57975	1.57975	0.744692	0.971997	-1.02881	0.541822	1.05515	1.05515	19.8613	2.37661	0.106364	1
cg26308512	0.0176149	0.490225	-2.03988	7.72E-05	0.170792	-5.85508	0.522995	1.17329	1.17329	0.00966247	0.44558	-2.24427	14.2795	13.7822	0.857932	1
cg06179657	0.0053226	0.446699	-2.23864	0.0150388	1.92683	1.92683	0.82815	0.95341	-1.04887	0.486843	0.856375	-1.16771	14.2662	10.8823	0.678046	1
cg16624788	0.00705587	1.19829	1.19829	1.87E-05	1.57236	1.57236	0.23426	1.06692	1.06692	0.180508	1.07667	1.07667	13.9837	0.597659	0.0379909	1
cg21771660	0.364077	0.863904	-1.15754	0.412681	1.14039	1.14039	0.0408306	1.44817	1.44817	0.00323578	0.532602	-1.87757	13.5037	5.26154	0.346344	1
cg10436631	0.000663533	0.268688	-3.72178	0.666418	1.11555	1.11555	0.0405742	0.550868	-1.81532	0.00165916	0.321506	-3.11036	12.6294	12.7164	0.89501	1
cg06562014	0.0142943	0.388851	-2.57168	0.19468	1.5356	1.5356	0.591892	1.18435	1.18435	0.34135	0.735982	-1.35873	11.753	18.196	1.37619	1
cg15295273	0.278827	1.16088	1.16088	0.00350642	1.68985	1.68985	0.0275824	0.708105	-1.41222	0.0104135	0.652228	-1.53321	10.9211	3.03594	0.2471	1
cg08775844	0.740168	1.05747	1.05747	0.028997	1.54066	1.54066	0.912559	0.981725	-1.01862	0.174819	0.784802	-1.27421	10.7471	4.79892	0.396917	1
cg16373144	0.00150853	0.562281	-1.77847	0.000231713	2.15878	2.15878	0.492951	0.916042	-1.09165	0.300026	0.873489	-1.14483	10.6436	2.67372	0.223293	1
cg04248279	0.052971	1.28083	1.28083	0.033869	1.32153	1.32153	0.369703	0.901516	-1.10924	0.868422	1.01883	1.01883	9.4356	1.89279	0.178312	1
cg11940040	0.025953	0.457636	-2.18514	0.00396289	3.14484	3.14484	0.110352	1.67286	1.67286	0.0905574	0.576122	-1.73574	9.15609	12.6803	1.23103	1
cg04172345	0.252435	1.26541	1.26541	0.0362461	1.61519	1.61519	0.271351	1.25292	1.25292	0.723276	1.07251	1.07251	9.134	5.60883	0.545832	1
cg00703441	0.662473	0.893416	-1.1193	0.485741	1.19932	1.19932	0.566806	1.16016	1.16016	0.236154	0.727214	-1.37511	9.03133	9.41788	0.926934	1
cg03226844	0.929929	1.02316	1.02316	0.345838	0.776673	-1.28754	0.546529	1.17216	1.17216	0.58018	1.15655	1.15655	8.34811	8.96011	0.954054	1
cg18290190	0.20811	1.52713	1.52713	0.000222895	7.10262	7.10262	0.0179918	2.5017	2.5017	0.0180738	2.4994	2.4994	8.14556	13.1293	1.43274	1
cg08770870	0.0975987	0.632494	-1.58104	0.00429929	2.61761	2.61761	0.228054	1.37555	1.37555	0.0673707	0.596567	-1.67626	7.24058	7.28327	0.894129	1
cg02938172	0.615969	0.908079	-1.10123	0.798634	1.04995	1.04995	0.397011	0.847585	-1.17982	0.605208	0.905356	-1.10454	7.163	4.12429	0.511802	1
cg26352439	0.504512	0.911355	-1.09727	0.000233988	2.30773	2.30773	0.844193	0.973392	-1.02734	0.849107	0.974232	-1.02645	6.79039	2.0202	0.264453	1
cg07385388	0.759961	1.03293	1.03293	0.00165138	1.60998	1.60998	0.657094	0.953857	-1.04837	0.0862643	1.22189	1.22189	6.76633	1.19807	0.15739	1
cg19589251	0.564921	1.13405	1.13405	0.273808	1.27917	1.27917	0.0863346	0.663879	-1.5063	0.357266	0.814895	-1.22715	6.48938	4.80421	0.658061	1
cg08291304	0.763334	1.04836	1.04836	0.000910165	2.17209	2.17209	0.603237	0.921267	-1.08546	0.558897	0.911707	-1.09684	6.33731	2.45484	0.344323	1
cg08686293	0.280218	0.809185	-1.23581	0.00118718	0.407947	-2.4513	0.00388844	0.480306	-2.082	0.211481	0.78013	-1.28184	6.2592	3.52696	0.500874	1
cg15292446	0.152383	1.24279	1.24279	0.130233	0.793156	-1.26079	0.0699552	1.33282	1.33282	0.00942825	0.627144	-1.59453	6.2166	1.97937	0.283023	1
cg14474728	0.759845	1.06491	1.06491	0.0453939	1.60116	1.60116	0.819119	1.0481	1.0481	0.540383	0.880622	-1.13556	6.21255	4.13919	0.592234	1
cg10016717	0.939584	0.976744	-1.02381	0.00196605	0.257156	-3.88868	0.398944	0.764853	-1.30744	0.00225387	0.265244	-3.77012	6.1789	9.43005	1.3566	1
cg18222500	0.756714	1.09185	1.09185	0.0136269	0.421924	-2.3701	0.00564725	0.35809	-2.79259	0.880354	0.958304	-1.04351	6.1298	7.76236	1.12563	1
cg11788856	0.598871	0.914419	-1.09359	0.0449342	1.47387	1.47387	0.17259	0.782965	-1.2772	0.0131462	0.595556	-1.6791	5.96886	2.68555	0.399935	1
cg11815570	0.151304	0.664572	-1.50473	0.228349	0.714631	-1.39932	0.340653	0.770319	-1.29816	0.0238385	0.48839	-2.04754	5.93587	6.63898	0.994179	1
cg03379477	0.852174	0.974069	-1.02662	0.0235465	1.46361	1.46361	0.0414016	0.717994	-1.39277	0.368018	1.13909	1.13909	5.88691	1.84945	0.279255	1
cg17317895	0.0495107	0.58024	-1.72342	0.0504977	1.7183	1.7183	0.0828174	1.59443	1.59443	0.424222	0.820194	-1.21922	5.82195	5.4389	0.830404	1
cg12742645	0.0312505	2.21965	2.21965	0.0110926	2.73118	2.73118	0.0216998	2.38563	2.38563	0.00550527	3.16222	3.16222	5.6229	8.86412	1.40127	1
cg01717881	0.483461	0.855896	-1.16837	0.101325	1.47993	1.47993	0.244473	0.766408	-1.30479	0.927038	0.980187	-1.02021	5.38943	4.07503	0.672102	1
cg26260291	0.418515	0.830385	-1.20426	0.570983	1.1374	1.1374	0.970891	0.991829	-1.00824	0.0697008	0.633754	-1.5779	5.17021	4.13948	0.71168	1
cg07934927	0.655258	0.836271	-1.19578	?	?	?	0.895737	1.05355	1.05355	0.159848	0.550144	-1.81771	4.79727	10.692	2.22877	1
cg15334380	0.955046	0.990214	-1.00988	0.00370924	1.98176	1.98176	0.800026	0.956684	-1.04528	0.0906833	0.722404	-1.38427	4.69111	2.26119	0.428459	1
cg20626144	0.171765	1.23539	1.23539	0.00516744	1.70999	1.70999	0.850054	0.972874	-1.02788	0.252992	0.84073	-1.18944	4.54824	1.5209	0.297238	1
cg05526731	0.494113	0.897316	-1.11444	0.13068	0.775166	-1.29005	0.0594289	0.717484	-1.39376	0.0108156	0.606845	-1.64787	4.4232	1.7056	0.342758	1
cg22251117	0.747123	0.872424	-1.14623	0.615792	1.23794	1.23794	0.683233	1.18896	1.18896	0.220547	1.72176	1.72176	4.39257	12.381	2.50545	1
cg11794735	0.314191	0.531213	-1.88248	0.0402697	0.236911	-4.221	0.0207205	0.184037	-5.43368	0.215447	0.452754	-2.20871	4.3766	25.6033	5.20005	1
cg05650604	0.829238	1.04515	1.04515	0.00340312	2.25691	2.25691	0.0715412	0.662685	-1.50901	0.691623	1.08493	1.08493	4.37432	2.89648	0.588584	1
cg19242851	0.0968384	0.534818	-1.8698	0.462505	1.2928	1.2928	0.006884	0.300785	-3.32464	0.193117	0.623191	-1.60464	4.28692	8.00512	1.65985	1
cg14012014	0.0496839	0.658625	-1.51831	0.449413	0.866094	-1.15461	0.119237	0.729534	-1.37074	0.598659	0.905688	-1.10413	4.28609	2.36139	0.489727	1
cg05919324	0.083385	5.52551	5.52551	0.0190465	12.5715	12.5715	0.0308075	9.60268	9.60268	0.0372653	8.63928	8.63928	4.20116	52.9291	11.1988	1
cg06324707	0.0434348	1.57137	1.57137	0.0836774	1.45141	1.45141	0.998222	0.999566	-1.00043	0.560162	1.12147	1.12147	4.01062	2.4054	0.533118	1
cg17224754	0.0244383	0.337002	-2.96734	0.566906	1.26466	1.26466	0.316033	0.656695	-1.52278	0.109587	0.492792	-2.02926	3.98418	10.3845	2.31683	1
cg10440639	0.292538	0.631634	-1.5832	0.0164472	3.43269	3.43269	0.300229	1.57092	1.57092	0.276322	0.621004	-1.6103	3.91522	10.9764	2.49202	1
cg26238560	0.731672	0.967619	-1.03346	0.0166626	1.32252	1.32252	0.235921	1.12612	1.12612	0.409669	1.08397	1.08397	3.80422	0.550997	0.128745	1
cg11640979	0.759153	1.05018	1.05018	0.377692	0.865367	-1.15558	0.376914	0.86515	-1.15587	0.132117	0.769754	-1.29912	4.09463	1.60753	0.305352	1
cg24320242	0.0710936	1.37511	1.37511	0.195983	1.24114	1.24114	0.613529	1.08378	1.08378	0.60804	0.921524	-1.08516	3.60865	1.42652	0.351382	1
cg18993664	0.913453	0.986964	-1.01321	0.369468	1.11766	1.11766	0.0948648	0.801287	-1.24799	0.110374	0.810594	-1.23366	3.59221	0.828705	0.205063	1
cg08820233	0.652301	1.11556	1.11556	0.0419068	0.568169	-1.76004	0.0602535	0.599919	-1.66689	0.059275	0.598449	-1.67099	3.58802	3.30357	0.81842	1
cg21040096	0.68975	0.824203	-1.21329	0.214322	1.87745	1.87745	0.444329	1.45605	1.45605	0.0478297	2.97482	2.97482	3.54844	13.0469	3.26827	1
cg25216634	0.144574	0.405946	-2.46338	0.0503293	0.277077	-3.6091	0.0956564	0.3489	-2.86615	0.0511506	0.278684	-3.5883	3.5454	18.5835	4.6592	1
cg09641537	0.943898	0.987495	-1.01266	0.00344326	2.03472	2.03472	0.356843	1.18465	1.18465	0.926024	0.983532	-1.01674	3.47993	1.76212	0.450103	1
cg20130018	0.162262	1.19529	1.19529	0.00524486	1.55303	1.55303	0.575586	0.934612	-1.06996	0.291901	0.877444	-1.13967	3.44517	0.779912	0.201225	1
cg10432987	0.157484	1.70697	1.70697	0.00285943	4.27084	4.27084	0.90903	1.04126	1.04126	0.683245	1.15619	1.15619	3.42936	6.79668	1.7617	1
cg01351177	0.274124	0.789125	-1.26723	0.000552797	0.327654	-3.052	0.996608	0.999116	-1.00089	0.219737	0.764474	-1.30809	5.58286	3.82968	0.609752	1
cg10103235	0.565522	1.14649	1.14649	0.405414	1.2218	1.2218	0.276237	0.76603	-1.30543	0.00646875	0.434669	-2.3006	5.46372	4.79241	0.779675	1
cg06529439	0.0609144	1.58583	1.58583	0.00294114	0.410045	-2.43876	0.480794	0.855186	-1.16934	0.570269	1.13341	1.13341	5.06592	3.82299	0.6708	1
cg27005190	0.000444336	0.225426	-4.43604	0.920126	0.973405	-1.02732	0.318501	0.757997	-1.31927	0.0450387	0.538971	-1.85539	4.26342	4.87667	1.01675	1
cg18922091	0.0641426	0.700281	-1.428	0.0985877	0.733293	-1.36371	0.871373	1.02814	1.02814	0.836122	1.03611	1.03611	3.80723	1.76858	0.412918	1
cg01494896	0.163881	0.581855	-1.71864	0.0313111	0.398188	-2.51138	0.0137868	0.329652	-3.0335	0.0901886	0.506261	-1.97527	3.77889	7.95277	1.87069	1
cg05487424	0.910148	0.988096	-1.01205	0.0150814	1.37279	1.37279	0.0681259	1.24198	1.24198	0.0232917	1.33326	1.33326	3.77725	0.673232	0.15843	1
cg00375105	0.868085	0.887234	-1.1271	0.000858977	36.7026	36.7026	0.000129222	120.072	120.072	0.749946	1.25879	1.25879	10.302	84.5286	7.29337	1
cg02684842	0.0578	0.53802	-1.85867	0.0747022	0.563434	-1.77483	0.283472	0.724686	-1.37991	0.0160829	0.426888	-2.34254	9.41883	12.4569	1.17561	1
cg17675199	0.251897	1.09349	1.09349	0.00808244	1.28825	1.28825	0.604878	0.961776	-1.03974	0.0983768	0.873409	-1.14494	10.7929	0.953064	0.0784929	1
cg16624013	0.723532	1.06833	1.06833	0.0265726	0.613113	-1.63102	0.00331287	0.475019	-2.10518	0.0492637	0.658578	-1.51842	6.36324	3.49054	0.487598	1
cg15267307	0.000770975	0.392953	-2.54483	1.04E-05	0.177327	-5.63928	0.878128	0.972241	-1.02855	0.241288	0.798491	-1.25236	13.3007	7.08989	0.473819	1
cg27117476	0.886856	0.963996	-1.03735	0.093015	1.60957	1.60957	0.567	0.861534	-1.16072	0.0300018	0.518148	-1.92995	8.55155	8.98473	0.933915	1
cg09387229	0.114681	1.18545	1.18545	0.00251782	1.51589	1.51589	0.0650345	1.22806	1.22806	0.408471	0.91958	-1.08745	8.48671	1.32172	0.138436	1
cg14871534	0.0157429	1.65918	1.65918	0.000844525	2.36013	2.36013	0.0139006	1.68195	1.68195	0.0578286	1.44332	1.44332	7.51611	3.48463	0.412108	1
cg06599920	0.00387813	1.84102	1.84102	0.0123712	1.63006	1.63006	0.852088	0.971137	-1.02972	0.806877	0.962299	-1.03918	6.43821	2.51044	0.346603	1
cg07062130	0.0148176	2.32383	2.32383	0.00214725	3.36128	3.36128	0.0205839	2.19125	2.19125	0.642873	0.876927	-1.14035	5.34693	6.69884	1.11363	1
cg24406162	0.0357129	0.363542	-2.75071	0.00142516	0.148029	-6.75543	0.25493	0.611348	-1.63573	0.120195	0.497651	-2.00944	4.64046	12.5963	2.41284	1
cg05840553	0.948584	1.01279	1.01279	8.06E-05	0.245976	-4.06543	0.00508892	0.482009	-2.07465	0.0804572	0.682379	-1.46546	10.5242	6.47543	0.546926	1
cg02732508	0.552706	1.17694	1.17694	0.00725266	0.390795	-2.55889	0.0500623	0.545507	-1.83316	0.212253	0.700201	-1.42816	6.0929	7.09971	1.03577	1
cg07344397	0.113462	2.53987	2.53987	0.76434	0.84984	-1.17669	0.0437524	3.50582	3.50582	0.274129	1.85121	1.85121	5.46059	25.329	4.12311	1
cg01035068	0.00494551	2.99923	2.99923	0.000255548	0.169105	-5.91348	0.0411415	0.498935	-2.00427	0.713425	1.11499	1.11499	9.80149	13.5175	1.22589	1
cg07868478	?	?	?	?	?	?	0.0292194	2.42047	2.42047	0.212616	1.57091	1.57091	13.7633	17.202	1.66645	1
cg09411121	0.00184338	1.46258	1.46258	0.0720667	0.841465	-1.1884	0.875221	0.986581	-1.0136	0.00360158	1.40332	1.40332	9.335	1.09279	0.104057	1
cg04803098	0.270509	1.43669	1.43669	0.00238249	0.262497	-3.80956	0.630707	1.1653	1.1653	0.600343	0.846236	-1.1817	4.30709	6.80421	1.40424	1
cg02897623	0.00346566	1.44244	1.44244	0.149281	0.866965	-1.15345	0.888271	1.01306	1.01306	0.484294	1.06782	1.06782	3.49605	0.471897	0.119982	1
cg12671090	0.355297	0.813539	-1.2292	0.0166714	0.5303	-1.88573	0.308164	0.795395	-1.25724	0.180779	0.734623	-1.36124	4.69391	3.50135	0.663051	1
cg14205820	0.28483	1.42708	1.42708	0.327405	0.723517	-1.38214	0.0377566	2.16262	2.16262	0.395366	0.756809	-1.32134	3.94435	6.40144	1.44261	1
cg15883249	0.00316042	1.56153	1.56153	0.00178256	1.63463	1.63463	0.246202	1.1434	1.1434	0.113418	0.826668	-1.20967	13.3079	2.5736	0.171901	1
cg02589949	0.979907	1.00758	1.00758	0.0171749	0.418459	-2.38972	0.866042	1.05196	1.05196	0.00976534	0.375191	-2.66531	6.7517	9.62415	1.26706	1
cg01210288	0.176665	0.822128	-1.21636	1.19E-06	0.18016	-5.55063	0.661743	1.06187	1.06187	4.62E-05	0.350209	-2.85544	31.6406	9.31896	0.2618	1
cg13195690	7.41E-05	0.224727	-4.44985	0.00223874	0.411754	-2.42863	0.0403905	0.612108	-1.6337	3.06E-05	0.184792	-5.41149	15.9877	10.8831	0.605082	1
cg08313491	0.96475	1.02265	1.02265	0.00042274	0.0589483	-16.964	0.475298	0.692143	-1.44479	0.25875	0.550328	-1.8171	4.35866	17.7347	3.61676	1
cg09304270	0.187071	0.710781	-1.4069	0.299388	0.769074	-1.30027	0.192242	0.713933	-1.40069	0.00130843	0.319069	-3.13412	3.71355	3.50538	0.839061	1
cg07664027	0.104301	1.24866	1.24866	0.00153051	1.7689	1.7689	0.200636	0.844473	-1.18417	0.041291	0.744998	-1.34229	16.7996	4.16113	0.220171	1
cg13671109	0.442944	1.17518	1.17518	0.00132615	0.381579	-2.62069	0.987152	0.996683	-1.00333	0.576163	1.1236	1.1236	11.5551	7.79242	0.599438	1
cg22079082	0.341117	0.70916	-1.41012	0.0610889	0.477382	-2.09476	0.277073	1.48593	1.48593	0.282695	1.47857	1.47857	7.67791	14.9252	1.72792	1
cg14048834	?	?	?	?	?	?	0.00577632	76.474	76.474	0.013893	35.1149	35.1149	6.93274	54.2175	11.7308	1
cg25350122	0.605388	0.794539	-1.25859	?	?	?	0.569405	0.775899	-1.28883	0.350642	1.52793	1.52793	3.55666	9.75009	2.74136	1
cg11868621	0.416095	1.0917	1.0917	0.00276694	0.646802	-1.54607	5.32E-05	0.450985	-2.21737	0.00934631	0.706113	-1.4162	16.4744	2.90759	0.156881	1
cg19426731	0.682224	0.926114	-1.07978	0.00491199	0.499138	-2.00345	0.438157	1.15888	1.15888	0.263475	0.804647	-1.24278	5.40219	2.97449	0.48943	1
cg23390488	0.00952571	0.546849	-1.82866	0.0284318	0.621659	-1.6086	0.515098	1.12898	1.12898	0.00358741	0.484372	-2.06453	9.42067	5.04032	0.47558	1
cg15531369	0.0561242	0.346531	-2.88575	0.00233855	0.124773	-8.01456	0.583021	1.31207	1.31207	0.0471336	0.328607	-3.04315	5.02503	19.0999	3.37862	1
cg06538345	0.0702387	0.274435	-3.64385	0.00309994	0.0753498	-13.2714	0.731025	1.24668	1.24668	0.0295257	0.19448	-5.14191	4.71632	30.4937	5.74718	1
cg27321942	0.0483231	0.239606	-4.17351	0.00666022	0.107577	-9.29563	0.825513	0.869516	-1.15007	0.0781733	0.289609	-3.45294	3.81295	24.2159	5.64529	1
cg08291040	0.41253	0.838207	-1.19302	0.0068614	0.478315	-2.09067	0.761364	1.06627	1.06627	0.376491	0.825984	-1.21068	3.66311	2.57447	0.624719	1
cg11252555	0.782932	1.06111	1.06111	0.0202125	0.547967	-1.82493	0.0446275	0.60944	-1.64085	0.0240291	0.560939	-1.78272	4.6857	3.42352	0.649449	1
cg08965744	7.86E-05	0.328587	-3.04334	0.00218686	1.95366	1.95366	0.0723484	1.36687	1.36687	3.34E-05	0.285297	-3.50512	66.0063	25.3918	0.341945	1
cg20048599	0.0127786	1.54196	1.54196	0.00127349	1.93093	1.93093	0.0157389	0.660773	-1.51338	0.0168488	0.664802	-1.50421	20.2647	6.29105	0.275951	1
cg21541335	0.161384	1.16527	1.16527	0.000214629	1.88127	1.88127	0.102639	0.833073	-1.20037	0.0231496	1.32005	1.32005	6.71439	1.11212	0.147228	1
cg10374202	0.00368715	0.318815	-3.13661	3.03E-05	0.0929964	-10.7531	0.00442484	0.330776	-3.0232	0.00917991	0.381542	-2.62094	16.8909	22.6935	1.19425	1
cg05592184	0.0136744	0.505252	-1.97921	0.992321	1.00216	1.00216	0.0224947	0.542325	-1.84391	0.575907	1.13487	1.13487	5.8225	4.62166	0.705563	1
cg26261559	0.0108753	0.638332	-1.56658	0.846073	0.973083	-1.02766	0.514072	0.911288	-1.09735	0.423189	0.891505	-1.1217	4.98706	1.55673	0.27747	1
cg03509777	0.298253	1.47271	1.47271	0.0594209	0.465832	-2.14669	0.326888	0.695326	-1.43818	0.580906	1.22163	1.22163	4.45286	9.08997	1.81456	1
cg17679864	0.210308	1.55325	1.55325	0.112864	1.77829	1.77829	0.340689	1.38754	1.38754	0.494119	1.26064	1.26064	4.5694	8.05244	1.56645	1
cg18115766	0.322714	0.57488	-1.73949	0.00522215	0.135731	-7.36754	0.0128642	0.187498	-5.33338	0.0224081	0.227049	-4.40434	5.19454	24.1636	4.13487	1
cg15921271	0.189783	0.782572	-1.27784	0.00294861	0.486441	-2.05575	0.847937	0.966679	-1.03447	0.531769	0.894212	-1.1183	3.56399	1.75902	0.438715	1
cg06151625	0.199958	1.51798	1.51798	0.00965794	0.364388	-2.74433	0.105485	0.579729	-1.72494	0.684363	1.13427	1.13427	3.42127	5.14902	1.33778	1
cg11891983	0.540711	0.839194	-1.19162	0.382334	1.28868	1.28868	0.161218	1.52741	1.52741	0.21038	1.45301	1.45301	6.34904	8.05809	1.12816	1
cg11857433	0.588773	0.874166	-1.14395	0.247534	0.74238	-1.34702	0.41739	0.815299	-1.22654	0.0134876	2.12456	2.12456	3.45156	3.31874	0.854683	1
cg00398268	0.579133	0.91941	-1.08765	0.347215	0.864886	-1.15622	0.0401133	0.700674	-1.4272	0.703757	0.944316	-1.05897	5.92295	2.1098	0.316629	1
cg06271165	0.0647641	0.54497	-1.83496	0.030225	0.474407	-2.10789	0.72143	0.900531	-1.11046	0.119533	0.60998	-1.6394	4.79711	6.50651	1.20564	1
cg23972869	0.0791586	0.65689	-1.52233	0.000342609	0.288504	-3.46615	0.383212	0.824654	-1.21263	0.115397	0.691401	-1.44634	11.6539	8.57999	0.654428	1
cg24034412	0.955174	1.00512	1.00512	0.0319189	0.795838	-1.25654	0.0245915	0.784135	-1.27529	0.00974824	0.74311	-1.3457	7.1323	0.931951	0.116148	1
cg04750166	0.58142	0.868589	-1.15129	0.00285452	0.353914	-2.82555	0.553543	0.8593	-1.16374	0.113481	0.646774	-1.54613	4.99757	5.06694	0.901226	1
cg23398323	0.138959	1.4417	1.4417	0.00898902	0.466253	-2.14476	0.91683	0.976293	-1.02428	0.482642	1.17809	1.17809	3.64219	3.04329	0.742724	1
cg07795307	0.00232785	0.251363	-3.97831	0.458124	0.782413	-1.2781	0.879034	1.05071	1.05071	0.136632	0.594048	-1.68336	4.66863	7.79916	1.48493	1
cg18627179	0.0308561	0.434103	-2.3036	0.0421224	0.462682	-2.16131	0.167151	0.615868	-1.62372	0.297754	1.4266	1.4266	4.96597	8.52097	1.52522	1
cg14757267	0.0167769	0.413161	-2.42037	0.00151545	0.250721	-3.9885	0.718593	1.11581	1.11581	0.583199	0.845507	-1.18272	4.01281	5.82857	1.2911	1
cg19851669	0.219957	0.422188	-2.36861	0.12977	0.334805	-2.98681	0.970859	1.02472	1.02472	0.97715	0.981034	-1.01933	3.52252	24.9362	6.29251	1
cg25506106	?	?	?	0.0109792	2.41799	2.41799	0.810728	0.937993	-1.06611	0.96021	1.0134	1.0134	6.05205	5.93414	0.857952	1
cg18610071	0.272866	1.28981	1.28981	0.196418	1.35609	1.35609	0.99843	0.999561	-1.00044	0.0269108	0.557422	-1.79397	13.0265	10.26	0.700111	1
cg15640140	0.0130228	0.117254	-8.52847	0.00323479	0.0611501	-16.3532	0.452727	0.58732	-1.70265	0.0110852	0.109058	-9.1694	6.54248	50.1518	6.81383	1
cg06508005	0.0728359	0.474797	-2.10617	0.00114093	0.168509	-5.93441	0.722896	1.14171	1.14171	0.0121504	0.312404	-3.20098	5.61792	12.328	1.95058	1
cg11436260	0.328865	0.830202	-1.20453	0.880273	1.02822	1.02822	0.564154	1.11366	1.11366	0.688208	1.07733	1.07733	4.34753	2.3478	0.480028	1
cg01145420	0.79953	1.1588	1.1588	0.0279939	4.68036	4.68036	0.0120915	6.53342	6.53342	0.327959	0.555734	-1.79942	4.05555	21.0775	4.04227	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02258972	RPL19	0.048446	0.925209	1.01698	1.01698	0.093216	1.39254	1.39254	0.444991	0.869688	-1.14984	0.0193617	0.602247	-1.66045	0.00465302	0.509195	-1.96388	0.870262	1.02974	1.02974	0.798425	1.04696	1.04696	0.255561	0.808288	-1.23718	0.638923	1.08844	1.08844	3.42895	1.74624	0.452677	1
cg10973043	RPL21	0.000412762	0.29742	0.794158	-1.2592	0.000375832	0.297279	-3.36385	0.246181	0.77201	-1.29532	0.0883304	0.669514	-1.49362	6.96E-05	0.212248	-4.71147	0.00115228	0.360925	-2.77066	0.000166373	0.254514	-3.92906	0.0848139	0.665884	-1.50176	0.000917756	0.347552	-2.87726	15.0691	10.8641	0.640848	1
cg22625347	RPL21;RPL21P28	0.0163071	?	?	?	0.00331472	0.500282	-1.99887	0.477861	1.1331	1.1331	0.202968	1.26205	1.26205	0.472117	1.13502	1.13502	?	?	?	0.00759806	0.551846	-1.8121	0.833304	0.964162	-1.03717	0.279736	1.21481	1.21481	5.2522	1.94011	0.42216	1
cg03402794	RPL21;RPL21P28	0.0494314	0.25572	0.794032	-1.2594	0.00211429	2.31649	2.31649	0.558685	1.12182	1.12182	0.817306	0.956017	-1.04601	0.595209	1.10986	1.10986	0.399448	0.84563	-1.18255	0.0982824	1.42257	1.42257	0.0881485	1.44163	1.44163	0.340387	1.21045	1.21045	3.40288	2.03634	0.531925	1
cg06191571	RPL21P44	0.0186141	0.00992727	0.191749	-5.21515	0.755377	1.17173	1.17173	0.501874	0.70778	-1.41287	0.109283	0.412516	-2.42415	0.00193665	0.108166	-9.24508	0.622459	0.777508	-1.28616	0.0159941	0.224129	-4.46172	0.826169	1.11799	1.11799	0.0184239	0.234585	-4.26284	4.82035	19.6312	3.62007	1
cg23394916	RPL22	0.000169868	0.0021027	0.512077	-1.95283	0.542252	1.10015	1.10015	0.00847702	0.594547	-1.68195	0.624878	0.92659	-1.07923	1.94E-05	0.261494	-3.82418	0.000388002	0.416659	-2.40004	0.00449034	0.556476	-1.79702	0.000123565	0.354909	-2.81762	0.000608681	0.441623	-2.26438	19.2014	7.27999	0.337012	1
cg14303330	RPL22	0.00383432	0.000230888	0.131199	-7.622	0.0570949	2.0445	2.0445	0.58282	1.20236	1.20236	0.582876	0.831718	-1.20233	0.727831	1.12307	1.12307	0.0414459	2.18418	2.18418	0.0944366	1.84182	1.84182	0.0208983	2.51793	2.51793	0.142286	1.68885	1.68885	7.95314	13.9021	1.55378	1
cg22174623	RPL22	0.00402099	0.112914	0.728057	-1.37352	0.00115936	0.415735	-2.40538	0.0112234	0.557451	-1.79388	0.0579264	0.674149	-1.48335	0.000832485	0.396421	-2.52257	0.0906313	0.709699	-1.40905	0.00513489	0.506656	-1.97373	0.794201	0.953052	-1.04926	0.00310867	0.475214	-2.10432	7.84011	4.2011	0.476309	1
cg08107735	RPL22	0.0047801	0.0254236	1.94259	1.94259	0.0903797	0.627217	-1.59434	0.182328	0.702004	-1.42449	0.0723179	1.65093	1.65093	0.0622642	1.68986	1.68986	0.00887132	0.434926	-2.29924	0.0312859	0.531747	-1.8806	0.00543201	2.49544	2.49544	0.0416427	1.79877	1.79877	7.43992	7.36306	0.879706	1
cg17216583	RPL22	0.0121549	0.0228895	0.367196	-2.72334	0.00842674	0.289902	-3.44944	0.0539999	0.447103	-2.23662	0.195399	0.604128	-1.65528	0.0131726	0.322666	-3.09918	0.0294438	0.389152	-2.56969	0.000991324	0.165177	-6.05412	0.0249218	0.374488	-2.67031	0.0689521	0.472828	-2.11493	5.55033	11.9059	1.90673	1
cg23323711	RPL22	0.0157341	0.563497	1.07697	1.07697	0.00650226	1.56689	1.56689	0.00440311	1.62049	1.62049	0.408088	1.11343	1.11343	0.0775395	1.28291	1.28291	0.352637	1.12913	1.12913	0.0109573	0.666724	-1.49987	0.739251	1.04333	1.04333	0.965975	0.994598	-1.00543	5.09932	1.30208	0.226972	1
cg26935168	RPL22	0.0334502	0.00411226	2.55589	2.55589	0.320664	1.28424	1.28424	0.194452	1.39746	1.39746	0.261767	1.33017	1.33017	0.498994	0.845924	-1.18214	0.578702	0.872184	-1.14655	0.0649318	0.603308	-1.65753	0.0994913	1.55302	1.55302	0.0311315	1.85289	1.85289	3.93085	3.70054	0.836807	1
cg13476932	RPL22	0.0364873	0.00646514	4.77988	4.77988	0.883526	1.06691	1.06691	0.0320711	3.03285	3.03285	0.0716388	2.43201	2.43201	0.0318329	3.03909	3.03909	0.172037	0.526079	-1.90086	0.356209	1.52088	1.52088	0.0560881	2.60126	2.60126	0.101287	2.2095	2.2095	3.80917	11.7772	2.74826	1
cg09824721	RPL22L1	2.15E-05	0.000402364	0.484033	-2.06598	0.529762	1.08554	1.08554	0.00167852	0.560365	-1.78455	0.546859	1.08179	1.08179	1.39E-06	0.204493	-4.89015	0.124011	0.806722	-1.23958	8.81E-05	0.404132	-2.47444	0.00958509	1.52639	1.52639	9.53E-05	0.408215	-2.44969	33.2268	8.74891	0.234052	1
cg00182421	RPL22L1	0.000317	4.09E-05	0.0365042	-27.3941	0.0276378	0.332324	-3.00911	0.00364971	0.189488	-5.27739	0.025179	0.324219	-3.08433	0.00122146	0.135099	-7.402	0.00671959	0.226055	-4.4237	0.000889993	0.121752	-8.21339	0.000876545	0.121135	-8.25522	0.000107649	0.0556363	-17.9739	16.2037	45.9298	2.51958	1
cg10504480	RPL22L1	0.00444772	0.0450678	1.41746	1.41746	0.790706	1.04118	1.04118	0.00953735	1.64557	1.64557	0.357732	1.15429	1.15429	0.600193	0.922901	-1.08354	0.872874	1.02459	1.02459	0.000210737	0.390618	-2.56004	0.322797	1.16759	1.16759	0.311748	0.853199	-1.17206	7.60463	2.77207	0.324021	1
cg15975282	RPL22L1	0.00481385	0.0895839	0.781874	-1.27898	0.0700088	1.30517	1.30517	0.0127967	1.50161	1.50161	0.483829	0.910694	-1.09806	0.546895	1.08345	1.08345	0.0073408	0.634857	-1.57516	0.00138352	0.543558	-1.83973	0.0888413	1.27986	1.27986	0.220913	1.18434	1.18434	7.42399	2.03237	0.243339	1
cg04908186	RPL22L1	0.0248438	0.554949	1.04501	1.04501	0.00238555	1.36641	1.36641	0.438224	1.06003	1.06003	0.0290425	1.20891	1.20891	0.3017	1.08209	1.08209	0.123827	1.13076	1.13076	0.889697	1.01028	1.01028	0.271232	0.919014	-1.08812	0.040252	0.839686	-1.19092	4.36674	0.375985	0.0765352	1
cg00320862	RPL22L1	0.0281673	0.281485	0.885108	-1.12981	0.322955	1.11775	1.11775	0.184955	0.857874	-1.16567	0.566513	0.938778	-1.06521	0.0218342	0.740768	-1.34995	0.029239	0.75571	-1.32326	0.00135447	0.602095	-1.66087	0.290957	0.887373	-1.12692	0.866176	0.981778	-1.01856	4.179	0.786886	0.167374	1
cg05780139	RPL23	9.05E-05	0.00063136	0.223335	-4.47759	?	?	?	0.0466605	0.521973	-1.91581	0.0108135	0.401066	-2.49336	7.40E-06	0.0597641	-16.7325	0.013411	0.417318	-2.39625	0.000310604	0.188291	-5.31094	6.27E-05	0.121991	-8.19734	0.00174716	0.279861	-3.5732	23.3228	26.7445	1.14671	1
cg09602529	RPL23	0.00016888	0.240634	0.796677	-1.25521	0.008316	1.86666	1.86666	0.0102834	0.549703	-1.81916	0.0404177	0.645324	-1.54961	0.00623987	0.517083	-1.93393	3.80E-05	0.231576	-4.31824	0.000111742	0.284561	-3.51418	0.0174663	1.70801	1.70801	0.0028316	0.467354	-2.13971	19.2317	10.428	0.48198	1
cg05174975	RPL23	0.00433645	0.00875802	0.187514	-5.33295	0.000952201	0.0846977	-11.8067	0.517453	0.719657	-1.38955	0.106513	0.413322	-2.41942	0.00364868	0.139287	-7.17941	0.0326775	0.285649	-3.5008	0.00129522	0.0954097	-10.4811	0.00752087	0.178284	-5.60902	0.0246095	0.261357	-3.82619	7.66323	30.5006	3.53789	1
cg27500148	RPL23	0.0472126	0.788153	1.04271	1.04271	0.0371681	0.686805	-1.45602	0.0118669	0.613995	-1.62868	0.229207	0.822055	-1.21646	0.428783	1.13365	1.13365	0.564767	1.0946	1.0946	0.0413765	1.44102	1.44102	0.938757	1.012	1.012	0.141062	1.27868	1.27868	3.46252	1.32252	0.339514	1
cg16604525	RPL23;SNORA21	0.00470961	0.00207239	0.426591	-2.34416	0.0980659	1.42834	1.42834	0.288601	1.24164	1.24164	0.0123508	0.542264	-1.84412	0.061395	0.660966	-1.51294	0.275701	0.800292	-1.24954	0.00931587	0.523067	-1.9118	0.00132048	0.399346	-2.50409	0.333956	0.822191	-1.21626	7.47363	4.56871	0.543387	1
cg02340063	RPL23;SNORA21	0.0137929	0.0623535	0.831287	-1.20295	0.158937	0.875805	-1.14181	0.00577854	0.727222	-1.3751	0.399611	1.07891	1.07891	0.276643	0.90514	-1.1048	0.116326	1.16219	1.16219	0.00867572	1.34266	1.34266	0.64838	0.960368	-1.04127	0.0350118	0.805441	-1.24156	5.32589	0.654386	0.109217	1
cg14493980	RPL23;SNORA21	0.0160416	0.00119117	0.601684	-1.662	0.0450513	1.27879	1.27879	0.0282254	1.31923	1.31923	0.345367	0.901296	-1.10951	0.685534	0.957404	-1.04449	0.815744	0.975349	-1.02527	0.636683	1.05219	1.05219	0.529579	0.934167	-1.07047	0.165738	1.17124	1.17124	5.06662	0.91753	0.160972	1
cg27592126	RPL23;SNORA21	0.0200429	0.00711357	0.385915	-2.59124	0.458359	0.813192	-1.22972	0.00607479	0.374898	-2.6674	0.549544	1.18036	1.18036	0.925845	0.974828	-1.02582	0.133681	1.55735	1.55735	0.0836641	1.68924	1.68924	0.815571	0.93802	-1.06608	0.0370799	0.515337	-1.94048	4.70114	5.5838	1.05578	1
cg08533424	RPL23;SNORA21;RPL23	0.00719471	0.812253	1.03256	1.03256	0.00208468	1.79201	1.79201	0.000768377	1.9857	1.9857	0.653331	0.940937	-1.06277	0.155333	0.814848	-1.22722	0.396616	0.889684	-1.124	0.322052	0.871315	-1.14769	0.339888	1.14163	1.14163	0.234374	0.845473	-1.18277	6.55872	1.88356	0.255275	1
cg16257607	RPL23A;SNORD42A;SNORD4B	0.00388709	0.0143678	0.50951	-1.96267	0.00885158	0.474953	-2.10547	0.0042904	0.425928	-2.34781	0.810626	1.0551	1.0551	0.200074	0.739003	-1.35317	0.1119	0.679213	-1.47229	0.000436136	0.288759	-3.4631	0.0457521	1.66817	1.66817	0.444798	0.84025	-1.19012	7.9205	6.26303	0.702877	1
cg14173815	RPL23A;SNORD42A;SNORD4B;SNORD4A	0.0121647	0.0158062	0.445959	-2.24236	0.0603168	0.560685	-1.78353	0.0113858	0.420992	-2.37534	0.306904	1.33494	1.33494	0.00536338	0.367343	-2.72225	0.0748428	0.581647	-1.71926	0.00231003	0.312635	-3.19862	0.217591	0.701695	-1.42512	0.747971	0.915717	-1.09204	5.54889	6.55512	1.05008	1
cg17195329	RPL23A;SNORD42B	0.000871315	0.902149	1.01912	1.01912	0.514467	1.10715	1.10715	0.897395	1.02006	1.02006	0.00153394	0.495596	-2.01777	0.000203327	0.383244	-2.60931	7.37E-05	0.329716	-3.03292	0.138581	0.782308	-1.27827	0.110026	0.764746	-1.30762	0.358416	0.864665	-1.15652	12.2341	4.59385	0.333774	1
cg08165291	RPL23A;SNORD42B	0.00470435	0.0767642	0.594105	-1.6832	9.80E-05	0.160267	-6.2396	0.2276	0.715294	-1.39803	0.244053	0.724396	-1.38046	0.321509	0.76266	-1.3112	0.985322	0.995145	-1.00488	0.00238435	0.326224	-3.06538	0.131396	0.649956	-1.53857	0.406574	0.798833	-1.25183	7.47617	8.2863	0.98521	1
cg17279327	RPL23A;SNORD42B	0.00856075	0.223663	0.771932	-1.29545	0.0151562	1.82963	1.82963	0.703707	1.08044	1.08044	0.195769	1.31919	1.31919	0.0010192	0.372933	-2.68145	?	?	?	0.973855	1.00666	1.00666	0.316163	0.810717	-1.23348	0.0418846	1.60773	1.60773	6.33645	3.65717	0.577164	1
cg15391464	RPL23A;SNORD42B	0.0288977	0.0142406	0.412564	-2.42387	0.110536	1.66399	1.66399	0.708101	0.895712	-1.11643	0.704993	0.8946	-1.11782	0.223303	0.687504	-1.45454	0.638339	1.1487	1.1487	0.0279979	0.467587	-2.13864	0.00608875	0.350415	-2.85376	0.0588259	0.535301	-1.86811	4.1414	5.62433	1.20718	1
cg22113187	RPL23A;SNORD42B	0.0381988	0.0818795	1.27882	1.27882	0.811773	0.970026	-1.0309	0.440694	1.1055	1.1055	0.917334	1.01333	1.01333	0.239334	1.17021	1.17021	0.00527461	1.59872	1.59872	0.0231923	0.707366	-1.4137	0.210288	0.845012	-1.18341	0.318337	1.14061	1.14061	3.74598	0.965401	0.229082	1
cg15036326	RPL23A;SNORD4A	0.027495	0.00888603	0.149889	-6.67159	0.0565498	0.29217	-3.42266	0.0858151	0.338855	-2.95112	0.159772	0.424754	-2.35431	0.0118915	0.167032	-5.98687	0.028975	0.230506	-4.33827	0.00760036	0.141323	-7.076	0.0235517	0.214062	-4.67153	0.124671	0.387697	-2.57934	4.21469	21.6878	4.57401	1
cg17408380	RPL23A;SNORD4A;SNORD42A	0.0180317	0.00540005	0.166708	-5.99851	0.048526	0.332055	-3.01155	0.0352479	0.301304	-3.31891	0.326779	0.609422	-1.6409	0.00871523	0.194948	-5.12957	0.0204931	0.255177	-3.91884	0.00588125	0.171488	-5.83131	0.0227503	0.263532	-3.79461	0.104391	0.419621	-2.3831	4.87225	18.466	3.36893	1
cg02650512	RPL23A;SNORD4A;SNORD42A	0.0213549	0.006032	0.130715	-7.65024	0.0515754	0.284565	-3.51414	0.0834076	0.337238	-2.96527	0.142073	0.408505	-2.44795	0.00763455	0.142933	-6.99629	0.0789972	0.330797	-3.023	0.00350883	0.10584	-9.4482	0.05148	0.284379	-3.51643	0.0796552	0.331771	-3.01412	4.60061	23.4409	4.52906	1
cg18150958	RPL23A;SNORD4B	0.005032	0.617023	0.868049	-1.15201	0.00722924	0.378014	-2.6454	0.0261301	0.476765	-2.09747	0.479119	0.817146	-1.22377	0.292578	0.736042	-1.35862	0.343904	0.7606	-1.31475	0.000100366	0.144297	-6.93017	0.483752	1.22109	1.22109	0.279937	0.729608	-1.3706	7.32431	9.138	1.109	1
cg07454556	RPL23AP32;SPTBN1	0.0326433	0.909639	1.0351	1.0351	0.0491031	0.505336	-1.97888	0.0456183	0.498367	-2.00656	0.0745681	1.82864	1.82864	0.0100574	0.372684	-2.68324	0.688794	0.884862	-1.13012	0.0335569	0.47028	-2.12639	0.182426	1.53719	1.53719	0.523023	0.821451	-1.21736	3.9655	5.7983	1.29972	1
cg00666124	RPL23AP32;SPTBN1	0.0344241	0.720048	1.10219	1.10219	0.552174	0.849924	-1.17658	0.344035	1.30151	1.30151	0.445617	1.23394	1.23394	0.0130046	0.434647	-2.30072	0.126656	0.639732	-1.56315	0.0067878	2.58178	2.58178	0.10311	1.61941	1.61941	0.662266	1.12618	1.12618	3.8904	4.50396	1.02908	1
cg13955550	RPL23AP53	0.00198023	0.949916	0.992141	-1.00792	7.47E-05	0.405172	-2.46809	0.0454497	0.74963	-1.33399	0.0374114	0.738329	-1.35441	0.0140719	0.683366	-1.46334	0.179241	1.19626	1.19626	0.18603	1.19257	1.19257	0.0862107	1.26884	1.26884	0.320747	0.879097	-1.13753	9.66985	2.41616	0.222103	1
cg08852073	RPL23AP53	0.00296702	0.0257262	2.14957	2.14957	0.000321225	5.375	5.375	0.0618842	1.83571	1.83571	0.0796229	1.75425	1.75425	0.00435698	3.00546	3.00546	0.0780124	1.76073	1.76073	0.000666586	4.50288	4.50288	0.0117763	2.48144	2.48144	0.0103862	2.54061	2.54061	8.58628	11.3498	1.17499	1
cg17769009	RPL23AP53	0.00657297	0.553283	0.873642	-1.14463	0.000850404	0.323272	-3.09337	0.00122558	0.344656	-2.90144	0.460838	0.844413	-1.18425	0.0644109	0.626261	-1.59678	0.0297058	0.561924	-1.7796	0.149847	1.41589	1.41589	0.605916	1.12437	1.12437	0.177386	0.724045	-1.38113	6.74596	5.42058	0.714249	1
cg07592681	RPL23AP53	0.0127488	0.598488	0.910195	-1.09867	0.000515774	0.38306	-2.61056	0.0121482	0.574926	-1.73935	0.99173	1.00184	1.00184	0.871726	0.97179	-1.02903	0.0564926	1.46574	1.46574	0.881274	1.02682	1.02682	0.46895	0.877679	-1.13937	0.866657	1.03021	1.03021	5.46483	2.71403	0.441455	1
cg17561243	RPL23AP53	0.0371765	0.00360701	1.76557	1.76557	0.594503	1.0806	1.0806	0.0107233	1.58826	1.58826	0.0154437	1.5353	1.5353	0.259489	1.18497	1.18497	0.750339	0.954987	-1.04713	0.522803	1.09795	1.09795	0.796866	0.963469	-1.03792	0.830847	1.03134	1.03134	3.78329	1.24724	0.29304	1
cg20651456	RPL23AP53	0.0486229	0.463416	1.28483	1.28483	0.00359879	0.266148	-3.75731	0.0435165	0.458626	-2.18043	0.945097	1.0234	1.0234	0.118624	0.566156	-1.7663	0.0821343	0.523729	-1.90939	0.686986	1.14572	1.14572	0.329891	0.713445	-1.40165	0.0588913	0.488497	-2.0471	3.42423	6.11574	1.58757	1
cg06779738	RPL23AP53;ZNF596;ZNF596;ZNF596;ZNF596	0.00135835	0.704734	1.12447	1.12447	0.387568	1.31378	1.31378	0.496594	1.23702	1.23702	0.831199	0.936337	-1.06799	2.43E-05	0.0749464	-13.3429	0.698292	0.886892	-1.12753	0.297791	1.39459	1.39459	0.103626	1.73059	1.73059	0.0404557	2.07357	2.07357	10.7826	16.216	1.33681	1
cg18026733	RPL23AP64;CCDC84	0.0436716	0.193584	0.780808	-1.28073	0.0908321	1.39804	1.39804	0.397797	0.855797	-1.1685	0.0623687	1.45836	1.45836	0.176779	0.772399	-1.29467	0.281389	0.817611	-1.22308	0.0561581	0.67771	-1.47556	0.11444	1.36181	1.36181	0.0302548	0.632416	-1.58124	3.56522	1.82673	0.455445	1
cg10517176	RPL23AP7;RPL23AP7;RABL2A;RABL2A;RABL2A;RPL23AP7;RABL2A;RPL23AP7;RPL23AP7	0.0233983	0.565252	0.878448	-1.13837	0.012281	2.00427	2.00427	0.0659072	0.63128	-1.58408	0.0215827	0.540562	-1.84993	0.994254	1.00161	1.00161	0.135715	0.698753	-1.43112	0.102802	1.48872	1.48872	0.0443451	0.597566	-1.67346	0.248611	1.30848	1.30848	4.45837	3.50939	0.699686	1
cg04757410	RPL23AP82	0.0106277	0.0736218	0.78848	-1.26826	0.0264159	0.730764	-1.36843	0.0254791	0.728796	-1.37213	0.0452027	0.760493	-1.31494	0.000386559	0.509346	-1.9633	0.0428295	0.757464	-1.32019	0.0714993	0.786767	-1.27102	0.0272141	0.732389	-1.3654	0.02962	0.737025	-1.35681	5.79638	1.30345	0.199888	1
cg16023925	RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B	0.0340254	0.0491157	2.28117	2.28117	0.374778	1.39721	1.39721	0.610143	0.827952	-1.2078	0.0575581	2.20014	2.20014	0.512578	0.783615	-1.27614	0.891419	0.951089	-1.05143	0.0056005	3.80204	3.80204	0.0112708	3.20743	3.20743	0.408282	0.733048	-1.36417	3.90679	8.34104	1.89779	1
cg07660283	RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RPL23AP82	0.0207088	0.0551645	0.425331	-2.35111	0.0171844	0.31926	-3.13224	0.0141435	0.304025	-3.2892	0.731599	0.873375	-1.14498	0.00760647	0.259327	-3.85613	0.144261	0.539679	-1.85295	0.00290092	0.199926	-5.00185	0.178876	0.570327	-1.75338	0.054713	0.424478	-2.35583	4.64912	11.3856	2.17686	1
cg22012975	RPL23AP82;RABL2B;RABL2B;RABL2B;RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL	0.0190254	0.880237	1.05192	1.05192	0.982378	1.00744	1.00744	0.710403	0.882312	-1.13339	0.797916	1.08995	1.08995	0.33649	0.717001	-1.3947	0.000506291	0.161335	-6.19828	0.459654	1.28754	1.28754	0.132162	1.72546	1.72546	0.124686	1.74721	1.74721	4.7849	8.54034	1.58654	1
cg10353737	RPL23AP82;RABL2B;RABL2B;RABL2B;RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL	0.0345918	0.0271429	1.88471	1.88471	0.00627297	0.421922	-2.37011	0.433787	0.824029	-1.21355	0.857548	0.957394	-1.0445	0.521162	0.854205	-1.17068	0.0185088	0.500479	-1.99809	0.0872643	0.632844	-1.58017	0.340475	0.788161	-1.26878	0.938418	1.0189	1.0189	3.88357	3.61192	0.826712	1
cg23496755	RPL23P8	0.00630278	0.0712479	1.59797	1.59797	0.00794792	0.453072	-2.20716	0.000829206	0.310062	-3.22516	0.676542	1.10253	1.10253	0.527067	0.861494	-1.16077	0.0799242	0.636331	-1.57151	0.0286817	0.548588	-1.82286	0.634791	1.11775	1.11775	0.0736949	1.59015	1.59015	6.83434	5.85804	0.761909	1
cg00225603	RPL23P8	0.0188631	0.0222819	2.77017	2.77017	0.155118	1.76109	1.76109	0.0787663	0.483759	-2.06715	0.0784794	0.483348	-2.0689	0.216306	0.616325	-1.62252	0.765733	1.11756	1.11756	0.0249638	0.370708	-2.69754	0.0110726	3.27079	3.27079	0.895342	1.05017	1.05017	4.79877	10.5158	1.94788	1
cg09243147	RPL24	0.00162108	0.77419	0.940361	-1.06342	0.00415769	0.43992	-2.27314	0.853021	1.04044	1.04044	0.319832	0.802719	-1.24577	0.00021596	0.267192	-3.74263	0.0184311	0.542713	-1.84259	0.371174	0.821773	-1.21688	0.0153833	1.88846	1.88846	0.00142133	0.372749	-2.68277	10.2476	7.41652	0.643316	1
cg25629615	RPL24	0.00337545	0.0487987	1.19838	1.19838	0.0926326	1.16048	1.16048	0.771562	0.976859	-1.02369	0.00195901	1.422	1.422	0.00188996	1.42502	1.42502	0.00058766	1.53289	1.53289	0.685864	0.967825	-1.03324	0.00494734	1.34896	1.34896	0.234092	1.10553	1.10553	8.26284	0.846476	0.0910611	1
cg12102538	RPL24	0.011489	0.0391121	0.398139	-2.51168	0.427811	1.36652	1.36652	0.70555	1.15768	1.15768	0.539335	1.27088	1.27088	0.00577585	0.247827	-4.03508	0.0273609	0.36536	-2.73702	0.00315173	0.210892	-4.74177	0.687636	1.16871	1.16871	0.0112697	0.293926	-3.40222	5.6526	13.3197	2.09457	1
cg10898607	RPL24	0.0130059	0.0505609	0.834196	-1.19876	0.0105364	1.29931	1.29931	0.0135156	0.779792	-1.28239	0.472229	0.942243	-1.0613	0.377606	0.928988	-1.07644	0.0214728	0.798704	-1.25203	0.0199424	1.25679	1.25679	0.635928	0.961943	-1.03956	0.330157	0.921493	-1.0852	5.42934	0.569233	0.0931945	1
cg16922785	RPL24	0.0253753	0.274553	0.725044	-1.37923	0.991593	0.997025	-1.00298	0.126656	1.59563	1.59563	0.00219201	0.296771	-3.3696	0.326574	0.750928	-1.33168	0.237427	1.41912	1.41912	0.0164969	0.436701	-2.28989	0.438114	0.799571	-1.25067	0.0949069	0.595088	-1.68042	4.33469	5.49103	1.12601	1
cg00653460	RPL24	0.0287957	0.094672	0.472237	-2.11758	0.0349975	0.366605	-2.72773	0.375204	0.689528	-1.45027	0.200513	0.575632	-1.73722	0.239868	0.60491	-1.65314	0.000743258	0.123489	-8.09787	0.272561	0.627224	-1.59433	0.160942	0.542467	-1.84343	0.498838	1.3237	1.3237	4.14658	10.9566	2.34873	1
cg03734677	RPL26	6.09E-06	6.59E-05	0.384223	-2.60265	9.08E-06	0.285056	-3.50809	0.000382434	0.476658	-2.09794	0.0238372	0.703024	-1.42243	7.95E-07	0.177357	-5.63834	6.47E-05	0.383308	-2.60887	1.86E-06	0.212505	-4.70576	0.117751	0.800945	-1.24853	0.00172382	0.557487	-1.79376	46.1222	12.4709	0.240346	1
cg07838495	RPL26	0.00121383	0.00058822	0.167541	-5.96869	0.00784582	0.31734	-3.1512	0.0271406	0.414831	-2.41062	0.340466	1.39165	1.39165	0.00204857	0.231847	-4.31319	0.00308674	0.256035	-3.90571	0.0138505	0.359456	-2.78199	0.00240435	0.241106	-4.14756	0.000497116	0.159883	-6.25457	11.1353	19.9603	1.59336	1
cg18656577	RPL26	0.009347	0.313888	1.45958	1.45958	0.0664734	0.473687	-2.1111	0.000710601	0.153776	-6.50296	0.0103606	0.309638	-3.22957	0.714301	0.875036	-1.14281	?	?	?	0.140542	1.77818	1.77818	0.173351	0.590977	-1.69211	0.235993	0.637076	-1.56967	6.1611	11.4331	1.85569	1
cg04798929	RPL26	0.0226294	0.88217	0.984021	-1.01624	0.0115642	0.709674	-1.4091	0.012488	1.40151	1.40151	0.665001	1.04846	1.04846	0.171024	1.17153	1.17153	0.0250779	0.748686	-1.33567	0.205157	1.15626	1.15626	0.963059	1.00504	1.00504	0.0866231	0.814189	-1.22822	4.51002	0.84257	0.166064	1
cg16392754	RPL26L1	0.00124682	0.813545	0.905211	-1.10472	0.0108814	0.259865	-3.84815	0.117306	0.488192	-2.04837	0.0127264	0.27121	-3.68717	0.000376508	0.0910927	-10.9778	0.27712	0.620995	-1.61032	0.000153803	0.0649368	-15.3996	0.00470267	0.205278	-4.87145	0.00144724	0.14369	-6.95943	11.0503	31.0931	2.50113	1
cg07633851	RPL26L1;LOC100268168;LOC100268168	1.34E-06	0.0059192	1.55857	1.55857	0.00117818	0.556178	-1.79799	2.73E-06	4.01048	4.01048	1.54E-07	7.50692	7.50692	0.00143443	0.566544	-1.76509	0.0607173	0.770561	-1.29776	0.000125744	0.439015	-2.27783	0.00364365	1.62389	1.62389	0.00680899	0.649095	-1.54061	68.0723	16.3814	0.213909	1
cg00116946	RPL26L1;LOC100268168;LOC100268168	0.00139741	0.387908	0.852433	-1.17311	0.725945	1.06555	1.06555	7.93E-05	3.62115	3.62115	0.344479	1.19206	1.19206	0.346735	0.839614	-1.19102	0.246135	0.803457	-1.24462	0.0069312	0.532376	-1.87837	0.0395803	0.650881	-1.53638	0.0145786	0.581133	-1.72078	10.6952	5.51364	0.458244	1
cg23007946	RPL26L1;LOC100268168;LOC100268168	0.0124576	0.0469297	1.27182	1.27182	0.946617	1.0071	1.0071	0.622419	0.948881	-1.05387	0.360205	0.905339	-1.10456	0.0353098	0.771718	-1.29581	0.529095	0.934813	-1.06973	0.000426665	0.554514	-1.80338	0.172245	0.857614	-1.16603	0.648122	1.04977	1.04977	5.50613	0.974621	0.157339	1
cg27107585	RPL26L1;LOC100268168;LOC100268168	0.0168285	0.309692	0.791282	-1.26377	0.11317	0.681189	-1.46802	0.000483568	3.38264	3.38264	0.52716	0.867033	-1.15336	0.248108	0.764238	-1.30849	0.826996	0.952426	-1.04995	0.270711	1.29094	1.29094	0.408135	0.828273	-1.20733	0.838015	1.04664	1.04664	4.98636	3.91627	0.69813	1
cg14134153	RPL26L1;LOC100268168;LOC100268168	0.0499136	0.331963	1.51083	1.51083	0.588136	0.798772	-1.25192	0.30441	1.5508	1.5508	?	?	?	0.00543468	0.208154	-4.80414	0.520646	1.30698	1.30698	0.647507	0.82771	-1.20815	0.548969	1.28309	1.28309	0.0235447	0.319315	-3.13171	3.72839	8.65123	2.03032	1
cg19558682	RPL27	0.0233668	0.0034783	0.224518	-4.45399	0.0174487	0.336196	-2.97446	0.371168	0.707587	-1.41325	0.112728	0.521866	-1.9162	0.388361	0.716759	-1.39517	0.540709	1.26274	1.26274	0.0367343	0.400892	-2.49444	0.391353	1.3921	1.3921	0.012107	0.307815	-3.2487	4.46044	10.0237	1.99755	1
cg12556991	RPL27;RPL27	0.000921425	8.15E-06	0.0379082	-26.3795	0.78694	1.09525	1.09525	0.902338	0.959612	-1.04209	0.229015	0.654468	-1.52796	0.846447	1.06728	1.06728	0.599112	0.836825	-1.19499	0.896569	1.04465	1.04465	0.503362	1.25618	1.25618	0.885599	1.04953	1.04953	12.0424	21.5098	1.58771	1
cg21975390	RPL27A	1.70E-05	0.00115862	0.52938	-1.889	0.654271	0.941689	-1.06192	6.97E-06	0.265427	-3.76751	0.000285538	0.454021	-2.20254	2.83E-05	0.333796	-2.99584	0.000110114	0.403649	-2.4774	0.00208569	0.561397	-1.78127	0.906519	0.984465	-1.01578	2.58E-06	0.220184	-4.54166	35.355	9.94688	0.250082	1
cg26801109	RPL27A	0.00366055	0.55471	1.0398	1.0398	0.00785886	1.24951	1.24951	0.00152466	1.34724	1.34724	0.226182	1.08654	1.08654	0.191449	1.09453	1.09453	0.0186448	0.830065	-1.20472	0.00255561	0.760873	-1.31428	0.388836	1.05937	1.05937	0.523286	1.04315	1.04315	8.0647	0.544822	0.0600502	1
cg10639395	RPL27A	0.0107697	0.00718733	0.427669	-2.33826	0.534959	1.16627	1.16627	0.406831	1.23086	1.23086	0.510013	1.17773	1.17773	0.00216677	0.348707	-2.86774	0.192085	0.713192	-1.40215	0.00480471	0.40013	-2.49918	0.0516945	0.581553	-1.71953	0.843535	1.04956	1.04956	5.7717	5.47748	0.843578	1
cg20352410	RPL27A	0.0236342	0.0895401	0.806862	-1.23937	0.109163	0.818509	-1.22173	0.0633486	1.27046	1.27046	0.217304	0.861733	-1.16045	0.0314394	0.748779	-1.33551	0.0209449	0.727234	-1.37507	0.0458949	0.769252	-1.29996	0.917081	1.01201	1.01201	0.0430765	1.30584	1.30584	4.44295	0.924853	0.185033	1
cg20573919	RPL27A	0.0464272	0.00277676	0.436267	-2.29218	0.404015	1.18733	1.18733	0.456333	0.85851	-1.16481	0.260238	1.26636	1.26636	0.0279618	0.593222	-1.68571	0.422906	1.17893	1.17893	0.718439	1.07552	1.07552	0.385203	0.836085	-1.19605	0.603903	0.900101	-1.11099	3.48446	2.23161	0.569286	1
cg10577346	RPL27A;RPL27A	0.0447139	0.012998	0.493805	-2.02509	0.967378	1.00941	1.00941	0.338482	1.25343	1.25343	0.0531409	0.604698	-1.65372	0.132288	0.689446	-1.45044	0.350392	0.802479	-1.24614	0.043457	1.70169	1.70169	0.729221	1.08281	1.08281	0.119497	1.47221	1.47221	3.53395	2.93347	0.737852	1
cg13838528	RPL27A;SNORA3	0.0202433	0.0128588	0.601889	-1.66143	0.107982	1.33406	1.33406	0.32364	1.18239	1.18239	0.8167	0.96256	-1.0389	0.0896904	1.35998	1.35998	0.743906	0.947551	-1.05535	0.00498297	0.542879	-1.84203	0.293857	1.19595	1.19595	0.0963444	1.34995	1.34995	4.68526	2.00425	0.380246	1
cg00333364	RPL27A;SNORA3	0.0325589	0.152583	0.681493	-1.46737	0.0272351	0.519941	-1.9233	0.0192554	0.492317	-2.03121	0.972091	1.00879	1.00879	0.00236803	0.346099	-2.88935	0.923604	0.97628	-1.0243	0.545836	1.16532	1.16532	0.853267	0.954719	-1.04743	0.0832763	0.618856	-1.61588	3.96918	3.93777	0.881854	1
cg25627675	RPL27A;SNORA45	0.00129318	0.000136524	0.228389	-4.37849	0.691775	0.914701	-1.09325	0.0183378	0.527064	-1.8973	0.638521	1.1168	1.1168	0.543535	0.871466	-1.14749	0.000885722	0.328055	-3.04827	0.00450524	0.428649	-2.33291	0.210736	0.744483	-1.34321	0.000898944	0.328913	-3.04032	10.9355	8.67076	0.704798	1
cg03158561	RPL27A;SNORA45	0.00609713	0.00194744	0.117862	-8.48449	0.0189293	0.249849	-4.00242	0.0202631	0.255155	-3.91919	0.0799111	0.387428	-2.58113	0.00427496	0.154879	-6.45667	0.0185076	0.248115	-4.0304	0.00166531	0.111388	-8.97765	0.0200079	0.25416	-3.93453	0.0123398	0.218634	-4.57386	6.90483	26.0399	3.35223	1
cg17333783	RPL27A;SNORA45	0.0496305	0.00656024	0.396267	-2.52355	0.0871689	0.609481	-1.64074	0.105646	0.629142	-1.58947	0.605286	0.872253	-1.14646	0.00497667	0.377323	-2.65025	0.190292	0.695153	-1.43853	0.218606	0.712324	-1.40386	0.424689	0.807565	-1.23829	0.0610163	0.574928	-1.73935	3.39769	3.69831	0.967536	1
cg22841667	RPL27A;SNORA45;SNORA3	0.0126823	0.0126023	0.0974002	-10.2669	0.0029493	0.046669	-21.4275	0.135237	0.298539	-3.34964	0.156075	0.320063	-3.12439	0.0083005	0.0793862	-12.5966	0.040004	0.1683	-5.94176	0.00752751	0.0756205	-13.2239	0.00732262	0.0745861	-13.4073	0.0535463	0.192807	-5.18652	5.47417	48.8675	7.93505	1
cg15486183	RPL28;RPL28	0.0126931	0.059221	0.588984	-1.69784	0.0114093	2.19668	2.19668	0.0807104	1.61834	1.61834	0.112529	1.53629	1.53629	0.0193007	0.494944	-2.02043	0.205441	0.717486	-1.39375	0.0837236	0.621453	-1.60913	0.0308429	1.8779	1.8779	0.498858	0.843137	-1.18605	5.47264	5.35371	0.869573	1
cg06367459	RPL28;RPL28;RPL28;RPL28;RPL28	0.000388542	0.00590996	0.555281	-1.80089	0.00111002	0.456128	-2.19237	0.1381	0.77041	-1.29801	0.0116353	0.597392	-1.67394	0.00387364	0.529646	-1.88805	0.495025	0.892984	-1.11984	2.77E-05	0.259608	-3.85195	9.70E-05	0.322303	-3.10267	0.0927836	0.739236	-1.35275	15.3224	6.47606	0.37569	1
cg27067379	RPL28;RPL28;RPL28;RPL28;RPL28	0.00189384	?	?	?	0.0182217	1.58507	1.58507	0.758641	1.05078	1.05078	0.0439047	0.689245	-1.45086	0.0856523	0.736903	-1.35703	0.000759969	0.440401	-2.27066	0.00299435	1.92376	1.92376	0.615425	0.921827	-1.0848	0.0214992	1.55866	1.55866	10.0209	3.64343	0.363582	1
cg00749520	RPL28;RPL28;RPL28;RPL28;RPL28	0.00219314	0.00133394	0.164	-6.09756	0.0365828	2.56384	2.56384	0.0122204	3.35351	3.35351	0.0675103	2.21209	2.21209	0.0139504	0.308212	-3.24452	0.00617159	3.99254	3.99254	0.0686042	0.45382	-2.20352	0.0659716	2.22443	2.22443	0.850914	0.929669	-1.07565	9.38585	22.3304	2.1148	1
cg15162827	RPL28;RPL28;RPL28;RPL28;RPL28	0.00331646	0.00199532	0.536326	-1.86454	0.0212157	1.48507	1.48507	0.052782	1.36927	1.36927	0.543035	0.91586	-1.09187	0.0535319	0.731229	-1.36756	0.00103105	0.499493	-2.00203	0.26026	0.84566	-1.18251	0.0283886	0.691176	-1.44681	0.0789164	0.756896	-1.32119	8.30645	2.68117	0.286918	1
cg18355869	RPL28;RPL28;RPL28;RPL28;RPL28	0.0039019	0.01244	0.699176	-1.43026	0.334142	1.12143	1.12143	0.0207957	1.37733	1.37733	0.859079	1.02066	1.02066	0.11479	0.820939	-1.21812	0.00387072	1.56464	1.56464	0.00406987	0.64169	-1.55838	0.0965371	0.810653	-1.23357	0.0421055	1.3092	1.3092	7.91145	1.6585	0.186341	1
cg00962304	RPL28;RPL28;RPL28;RPL28;RPL28	0.00683146	0.00207828	0.405653	-2.46516	0.0154198	1.8567	1.8567	0.0294697	1.70529	1.70529	0.729077	0.930177	-1.07506	0.158524	0.730685	-1.36858	0.455709	1.17135	1.17135	0.23508	0.771772	-1.29572	0.0067474	2.0774	2.0774	0.930633	1.01829	1.01829	6.66554	4.57475	0.61007	1
cg12520919	RPL28;RPL28;RPL28;RPL28;RPL28	0.0332111	0.235068	1.3989	1.3989	0.0674119	1.73805	1.73805	0.206227	0.697937	-1.43279	0.342273	0.768032	-1.30203	0.0190242	0.464981	-2.15063	0.686276	0.896259	-1.11575	0.153117	0.661891	-1.51082	0.0300486	0.502435	-1.99031	0.0443725	1.86425	1.86425	3.94101	4.54105	1.02423	1
cg21109867	RPL28;RPL28;RPL28;RPL28;RPL28	0.0391618	0.544041	0.916388	-1.09124	0.981391	1.00332	1.00332	0.0460278	0.72245	-1.38418	0.659548	0.938909	-1.06507	0.494503	1.10367	1.10367	0.0555381	1.36141	1.36141	0.00446471	1.71465	1.71465	0.514249	0.910241	-1.09861	0.0861402	1.30946	1.30946	3.71193	1.18856	0.284622	1
cg00866632	RPL29	5.17E-05	0.000438241	0.242955	-4.11599	2.74E-05	0.121755	-8.21323	0.00214012	0.33338	-2.99958	0.000189427	0.201297	-4.96777	8.62E-06	0.0851449	-11.7447	0.101031	0.632924	-1.57997	0.00132838	0.304569	-3.28333	0.000759822	0.272599	-3.66839	5.78E-05	0.149675	-6.68113	26.3936	27.1173	0.913262	1
cg06489668	RPL29	0.00209037	0.0162541	0.318295	-3.14174	0.0113544	0.290957	-3.43694	0.00582875	0.245036	-4.08104	0.0133427	0.303009	-3.30023	0.0010369	0.150726	-6.63454	0.00629754	0.250061	-3.99903	0.000741829	0.135983	-7.35386	0.00113584	0.154924	-6.45479	0.00628328	0.249912	-4.00141	9.51843	22.8726	2.13598	1
cg23495016	RPL29	0.00534454	0.51165	1.10287	1.10287	0.00381015	0.563261	-1.77538	0.838292	1.03052	1.03052	0.425572	1.12715	1.12715	0.00198872	0.526057	-1.90093	0.222218	1.2077	1.2077	0.0858441	0.756342	-1.32215	0.00155568	0.512156	-1.95253	0.585146	1.08447	1.08447	7.19052	2.4645	0.30466	1
cg15271594	RPL29;RPL29	0.0313393	0.111755	0.806344	-1.24017	0.00994684	1.4987	1.4987	0.135229	1.22153	1.22153	0.705009	0.953834	-1.0484	0.26144	0.864555	-1.15666	0.295321	1.14439	1.14439	0.0592315	0.767448	-1.30302	0.151577	1.21039	1.21039	0.0357669	1.35477	1.35477	4.02377	0.984229	0.217425	1
cg14421980	RPL29P2;DNAH2	0.00150288	0.282277	0.765603	-1.30616	0.0670898	1.63329	1.63329	0.72906	0.920239	-1.08667	0.00935196	0.454801	-2.19876	0.000152889	0.21181	-4.72122	0.0127384	0.47717	-2.09569	0.000525295	0.274801	-3.639	0.940787	0.982398	-1.01792	0.0706311	0.616969	-1.62083	10.4738	9.47895	0.804458	1
cg11035992	RPL29P2;DNAH2	0.0175954	0.713391	1.12426	1.12426	0.0147473	0.385672	-2.59288	0.000591705	0.185562	-5.38904	0.205874	0.654653	-1.52753	0.355058	0.739309	-1.35261	0.0195546	0.408287	-2.44926	0.24418	0.679216	-1.47229	0.696456	0.882971	-1.13254	0.856766	0.944255	-1.05904	4.9125	7.84178	1.41893	1
cg10677590	RPL29P2;DNAH2	0.0180634	0.421956	0.815339	-1.22648	0.0511593	0.575391	-1.73795	0.00243169	0.349835	-2.85849	0.270949	1.33009	1.33009	0.483928	0.837744	-1.19368	0.0702601	1.65468	1.65468	0.252624	1.34634	1.34634	0.0643304	0.596143	-1.67745	0.040846	0.555715	-1.79948	4.86936	4.77663	0.871961	1
cg10416622	RPL30	0.000287376	0.620878	0.966614	-1.03454	0.00642579	1.27307	1.27307	0.449957	0.94892	-1.05383	0.100995	1.13012	1.13012	0.763515	0.979659	-1.02076	0.0209734	0.827656	-1.20823	5.92E-06	0.500247	-1.99901	0.0259892	0.83529	-1.19719	0.408222	0.944015	-1.0593	16.6447	1.2228	0.0653021	1
cg09855001	RPL30	0.001535	0.00168964	0.553593	-1.80638	0.381484	1.12558	1.12558	0.00135793	1.84588	1.84588	0.0596857	0.755735	-1.32321	0.651181	1.06182	1.06182	0.140298	0.811327	-1.23255	0.00128361	0.538701	-1.85632	0.0576044	1.32707	1.32707	0.100221	1.26788	1.26788	10.4102	2.86365	0.244516	1
cg09758671	RPL30	0.00161043	0.0371743	1.20203	1.20203	0.289105	0.919708	-1.0873	0.00198294	1.39415	1.39415	0.00531709	0.75627	-1.32228	0.121855	1.13604	1.13604	0.0448621	1.19139	1.19139	0.00321228	0.736466	-1.35784	0.0928986	0.868819	-1.15099	0.00814958	1.29381	1.29381	10.2672	0.940768	0.0814479	1
cg07047046	RPL30	0.00237662	0.994958	1.00068	1.00068	0.107541	0.827072	-1.20908	0.138491	0.84164	-1.18816	0.573495	1.06342	1.06342	0.791027	1.02912	1.02912	0.112076	1.20567	1.20567	4.40E-05	0.432823	-2.31041	0.263042	1.13444	1.13444	0.246658	1.13992	1.13992	9.16743	1.69664	0.164509	1
cg07462670	RPL30	0.00433232	0.00549095	0.223292	-4.47845	0.0543027	2.45175	2.45175	0.3212	1.52331	1.52331	?	?	?	0.000394451	0.0984774	-10.1546	0.677255	0.842074	-1.18754	0.631995	0.820245	-1.21915	0.024862	0.334002	-2.99399	0.279225	0.630028	-1.58723	7.83171	18.5936	2.37415	1
cg19995049	RPL30	0.00547705	0.0204114	0.701136	-1.42626	0.00467326	1.61258	1.61258	0.361429	1.12659	1.12659	0.00203085	0.575319	-1.73817	0.134765	0.814758	-1.22736	0.298953	1.14658	1.14658	0.918224	1.01313	1.01313	0.304735	0.873682	-1.14458	0.0101628	0.662415	-1.50963	7.13671	1.82462	0.22726	1
cg02736928	RPL30	0.0079737	0.10286	0.407788	-2.45226	0.598226	0.765448	-1.30642	0.00892887	0.187864	-5.32299	0.71301	1.20406	1.20406	0.363265	0.62521	-1.59946	0.500789	0.709287	-1.40987	0.000358006	0.0561943	-17.7954	0.405795	0.652129	-1.53344	0.00352041	0.136815	-7.30912	6.35072	25.4133	3.55702	1
cg17183723	RPL30	0.0113136	0.231712	0.815649	-1.22602	0.0024675	0.504665	-1.98151	0.00956991	1.70401	1.70401	0.193704	1.25032	1.25032	0.191208	1.25208	1.25208	0.944829	0.98882	-1.01131	0.550132	0.906451	-1.1032	0.86178	0.972087	-1.02871	0.0127016	0.604647	-1.65386	5.68078	2.37434	0.37152	1
cg26979279	RPL30	0.0189459	0.761514	1.0513	1.0513	0.0162721	0.616982	-1.62079	0.00319383	0.516005	-1.93797	0.848922	0.969142	-1.03184	0.156027	0.779244	-1.28329	0.340436	1.17524	1.17524	0.435353	1.13975	1.13975	0.840649	0.967454	-1.03364	0.0173602	1.60986	1.60986	4.79167	2.04996	0.380283	1
cg02181143	RPL30	0.0256678	0.337318	0.884378	-1.13074	0.169203	1.19953	1.19953	0.010319	1.49394	1.49394	0.0662558	0.774224	-1.29162	0.14553	1.21425	1.21425	0.670034	0.948151	-1.05468	0.081815	0.786989	-1.27067	0.980496	1.00304	1.00304	0.0127659	1.46857	1.46857	4.31741	1.05501	0.21721	1
cg11932387	RPL30	0.0345067	0.833499	0.964076	-1.03726	0.804012	1.04416	1.04416	0.288038	1.21131	1.21131	0.457051	0.876665	-1.14069	0.387922	0.857447	-1.16625	0.77026	1.05221	1.05221	0.000571018	0.395682	-2.52728	0.820063	0.961177	-1.04039	0.853074	1.03275	1.03275	3.88703	1.85945	0.42522	1
cg10148764	RPL31;RPL31;RPL31	8.15E-06	0.0180018	1.25919	1.25919	5.10E-05	1.83776	1.83776	2.97E-05	1.92678	1.92678	0.000998061	1.47987	1.47987	0.0001374	0.589334	-1.69683	8.12E-05	1.76821	1.76821	0.0297099	0.814485	-1.22777	0.00242262	0.712738	-1.40304	9.84E-06	2.14248	2.14248	42.7757	4.35662	0.0905317	1
cg03183257	RPL31;RPL31;RPL31	0.00161821	0.543668	0.894812	-1.11755	0.190744	0.778401	-1.28468	0.0275367	0.624211	-1.60202	0.000564187	0.380454	-2.62844	0.00138452	0.432438	-2.31247	0.000889012	0.406497	-2.46004	0.592202	0.90686	-1.10271	0.0183538	1.67773	1.67773	0.435664	1.15466	1.15466	10.2529	5.30898	0.46027	1
cg08508527	RPL31;RPL31;RPL31	0.00189252	0.000349343	0.412083	-2.4267	0.000342357	0.410975	-2.43324	0.153036	0.789789	-1.26616	0.0190516	0.64553	-1.54912	0.0242452	0.660837	-1.51323	0.414482	0.879287	-1.13728	0.119213	1.29793	1.29793	0.98915	0.997905	-1.0021	0.00714949	0.585276	-1.7086	9.79815	3.6907	0.334821	1
cg00670915	RPL31;RPL31;RPL31	0.00348457	0.00578499	0.167097	-5.98455	0.00702966	0.178273	-5.60936	0.00952378	0.196885	-5.07911	0.0708823	0.368379	-2.7146	0.00168169	0.108383	-9.2265	0.937015	1.03988	1.03988	0.000458246	0.0651951	-15.3386	0.0534325	0.33769	-2.9613	0.0158394	0.231655	-4.31676	8.18462	31.7429	3.44743	1
cg12905788	RPL31;RPL31;RPL31	0.00515932	0.41925	0.889239	-1.12456	0.00932145	0.625553	-1.59859	0.0281492	0.69159	-1.44594	0.00799582	0.616627	-1.62173	0.0860799	0.763554	-1.30966	0.980828	1.00342	1.00342	0.00193494	1.86627	1.86627	0.0730645	1.3289	1.3289	0.700888	1.05643	1.05643	7.2686	2.32902	0.284819	1
cg09564448	RPL31;RPL31;RPL31	0.0283178	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10499493	RPL31;TBC1D8	0.00158866	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22445346	RPL31P11	0.00915826	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20491963	RPL31P11	0.0482397	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15900519	RPL32;RPL32	0.0152138	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17073323	RPL32;RPL32;RPL32	0.045235	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22178096	RPL32P3	3.09E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg03537387	RPL22P3	0.00024967	0.979167	1.00493	1.00493	1.005584	1.99497	1.39497	0.000153463	0.294707	-1.3932	0.000575417	0.366303	-2.72098	1.91E-05	0.194859	0.513191	0.00662018	0.514792	-1.94253	0.01424	0.565946	-1.76095	0.491104	0.876625	-1.14074	0.104929	0.716329	-1.39601	17.2962	9.72043	0.49004	1
cg27145044	RPL32P3	0.000998688	0.901322	1.02069	1.02069	1.000627747	2.38187	2.38187	0.000201372	2.8003	2.8003	0.715706	0.95006	-1.05257	0.164095	0.782622	1.27776	0.03314409	0.662872	-1.50859	0.040902	0.529393	-1.88895	0.466851	1.13001	1.13001	0.515658	1.11496	1.11496	11.7709	5.08062	0.383666	1
cg02696881	RPL32P3	0.01552284	0.480759	1.41474	1.41474	0.01229287	0.224548	-4.4534	0.0181074	0.249212	-4.01264	0.306562	0.599043	-1.66933	0.144764	0.468514	-2.13441	0.00841167	0.196076	-5.10007	0.005666441	0.172562	-5.79503	0.752483	1.1655	1.1655	0.011735	0.21785	-4.59032	5.12164	19.0079	3.29893	1
cg19990498	RPL32P3	0.02860964	0.418302	1.870563	-1.14868	0.0313488	1.52662	1.52662	0.00279508	1.99422	1.99422	0.950211	0.989594	-1.01052	0.307132	1.19376	1.19376	0.02287803	0.633727	-1.57797	0.674166	1.07341	1.07341	0.582117	1.00645	1.00645	0.610899	1.08976	1.08976	4.15165	1.84532	0.395093	1
cg04060909	RPL32P3	0.030851	0.131692	1.67337	1.67337	0.67794	1.14225	1.14225	0.00644586	3.06758	3.06758	0.241705	0.654581	-1.5277	0.251945	1.46032	1.46032	0.658936	1.15089	1.021705	0.372102	-2.68744	0.138613	1.65602	1.65602	0.510505	0.809624	-1.23514	0.408472	2.22827	4.02212	33.2808	7.35506	1
cg06130369	RPL32P3	0.031374	0.015784	0.117892	-8.48235	0.0186787	7.84942	7.84942	0.02780641	6.55029	6.55029	0.117153	0.26266	-3.41694	0.850487	0.872407	-1.14614	0.915075	1.08015	1.08015	0.339605	0.490952	-2.03686	0.15617	0.334029	-2.99375	0.285826	0.44878	-2.22827	4.02212	33.2808	7.35506	1
cg24278817	RPL32P3;SNORA78	0.0024905	0.442491	0.865076	-1.15597	0.02225349	0.602218	-1.66053	0.2012145	0.778933	-1.28381	0.0144243	0.572301	-1.74733	0.000780129	0.390385	-2.56158	0.00089165	0.398114	-2.51184	0.000768795	0.389541	-2.56712	0.607579	0.90858	-1.10062	0.00426584	0.492771	-2.02934	0.04217	0.90595	0.482279	1
cg17993504	RPL32P3;SNORA78	0.04849078	0.00153292	0.267656	-3.73255	0.0165686	0.319753	-3.12761	0.1913567	0.634079	-1.57709	0.249063	0.567752	-1.76133	0.02002825	0.232208	-4.30982	0.05348897	0.31958	-3.12971	0.080501991	0.155056	-6.45137	0.041359	0.539753	-3.40422	0.180265	0.477039	-2.09618	3.42757	14.6863	3.80867	1
cg17534226	RPL34;LOC285456;RPL34	0.00123615	0.0617361	0.607443	-1.64624	0.0421423	0.574254	-1.74139	0.0712225	1.61189	1.61189	0.924938	0.977921	-1.02258	0.12E-02	0.130352	-7.67153	0.05994947	0.604143	-1.65524	0.215266	0.734156	-1.36211	0.341711	1.26126	1.26126	0.49375	0.848186	-1.17899	11.0775	5.84778	0.790212	1
cg00346145	RPL34;LOC285456;RPL34	0.00682045	0.00332301	0.548003	-1.82481	0.00221136	1.91525	1.91525	0.0144154	1.57416	1.57416	0.376507	0.872371	-1.1463	0.721142	1.0554	1.0554	0.0559813	0.722009	-1.38502	0.331047	0.859939	-1.16287	0.598115	0.923088	-1.08332	0.667914	0.937129	-1.06709	0.66889	2.39087	0.318677	1
cg00917884	RPL34;RPL34	3.17E-06	0.00123307	0.550312	-1.81715	0.00298527	0.454435	1.39401	0.0734845	1.39401	-1.38989	0.605801	0.706313	0.719483	-1.38989	0.605801	0.706313	0.0001198	0.427354	-2.33984	0.013091	0.547479	-1.82655	0.007169	0.511908	-1.95358	0.155E-06	0.269905	-3.70501	54.5624	13.82	0.224999	1
cg15296129	RPL34P3;LOC285456	0.0108356	0.779477	0.976774	-1.02284	0.436248	0.16597	1.06597	0.291705	1.09199	1.09199	0.0525246	1.19401	1.19401	0.263976	1.10479	1.10479	0.3870838	0.931165	-1.07392	0.040407067	0.636446	-1.57122	0.51843	0.948703	-1.05407	0.0839553	0.857429	-1.16628	5.76038	15.9026	0.0910836	1
cg00445645	RPL35	0.00168136	0.002998847	0.717101	-1.39491	0.0137595	1.29981	1.29981	0.115263	1.15337	1.15337	0.870115	0.01373	1.01373	0.0992706	1.16324	1.16324	0.5762977	1.04817	1.04817	0.00515567	0.735607	-1.36042	0.113322	1.15441	1.15441	0.00947976	1.57864	1.57864	10.1401	1.11514	0.0975739	1
cg04388657	RPL35	0.00800222	0.00211422	0.200731	-4.9372	0.409629	0.715224	-1.36013	0.0147509	0.568116	-1.76643	0.705636	0.870739	-1.14845	0.01377	0.561212	-1.03848	0.3295003	0.692769	-1.44348	0.001353548	0.183168	-5.45948	0.003511862	0.123598	-4.23765	0.03129963	0.402738	-2.483	6.34359	13.3665	1.87296	1
cg04761231	RPL35	0.00915761	0.036511	0.708716	-1.411	0.0031226	0.564084	-1.77279	0.860005	0.975301	-1.02532	0.0601983	0.7406	-1.35026	0.0721705	0.12174	0.69033	-1.44858	0.24204	0.840747	-1.18942	0.00689586	0.480088	-2.0833	0.0181847	0.666153	-1.50116	0.923616	0.986506	-1.01368	0.677877	1.93211	0.285529	1
cg13829538	RPL35	0.0167474	0.0460067	0.524028	-1.9083	0.2228404	0.69632	-1.4362	0.2089577	0.687788	-1.45394	0.204589	0.685035	-1.45903	0.979759	0.0100248	0.253608	-1.34169	0.0154763	0.431988	-2.31448	0.015519	0.432368	-2.31285	0.429326	1.25614	1.25614	0.0632493	0.554143	-1.80459	4.99442	0.31672	1.12423	1
cg02526303	RPL35;KQC];QCQ	0.00455125	0.00187085	0.333877	-2.99512	0.0256905	1.93271	1.93271	0.00222445	2.90221	2.90221	?	?	?	0.276152	0.754508	-1.32537	0.574808	0.869777	-1.14972	0.0517828	0.576729	-1.73392	0.869417	1.04176	1.04176	0.376561	1.25313	1.25313	7.71487	6.71605	0.870533	1
cg04113895	RPL35;KQC];QCQ;IQCG	0.031898	0.565288	1.0677	1.0677	0.0576566	0.787203	-1.27061	0.688408	0.95602	-1.046	0.0206549	0.732749	-1.36472	0.0719308	0.2496	1.2496	0.956281	1.00614	1.00614	0.8184849	0.974617	-1.02604	0.215972	1.15637	1.15637	0.007257	1.47172	1.47172	1.99844	0.788311	0.172348	1
cg20696915	RPL36;RPL36	4.48E-06	0.00155522	0.709914	0.01034803	1.215	1.235	1.235	0.000275636	1.8089	1.8089	0.0158252	1.50063	1.50063	0.0001	1.61E-05	0.660747	-1.4931	0.0272863	0.888342	-1.12569	0.000175969	1.33433	1.33433	0.00172251	1.52474	0.0541977	1.10451	1.10411	0.949404	1.62509	0.0280249	1
cg17154069	RPL36;RPL36	7.76E-05	0.66942	1.04035	1.04035	2.96E-05	2.12445	2.12445	0.0538844	1.2233	1.2233	0.00352752	1.43951	1.43951	0.1694O7	1.14432	1.14432	0.000155406	0.550721	-1.8158	0.00183168	0.665179	-1.50335	0.000489512	1.65374	1.65374	0.0878676	0.840735	-1.18944	23.6892	3.18199	0.119398	1
cg17006282	RPL36;RPL36	0.000235517	0.00567954	0.42642	2.49042	0.25412	0.188	-1.9458	0.0035062	2.261271	-1.82756	0.0454499	1.77829	1.77829	1.83E-05	0.115156	2.49337	0.0183797	0.486089	-2.05343	0.288523	1.32594	1.32594	0.0114254	0.4577	-2.21692	0.0583976	0.83521	-1.71374	12.5731	17.6047	0.890478	1
cg01588010	RPL36;RPL36	0.00470502	0.495976	0.950248	-1.05236	0.366182	0.933761	-1.07094	0.0650458	0.770218	-1.29833	0.0127997	1.25641	1.25641	0.245-04	0.53773	-1.85967	0.196714	0.90415	-1.10601	0.00498606	0.13169	3.31569	0.0244162	0.820397	-1.21892	0.188136	0.90217	-1.10844	14.5334	1.25437	0.0767195	1
cg25138310	RPL36;RPL36	0.0219586	0.404439	0.875403	-1.1888	0.0588825	1.33199	1.33199	0.0407564	1.88887	1.88887	0.0135104	1.277	1.277	0.0922387	1.73333	1.73333	0.0156121	0.743333	-1.34525	0.0744553	0.578418	2.12321	2.12321	0.0854857	1.77402	-1.28288	0.0156358	0.938836	-1.06515	4.56589	0.704304	0.143042	1
cg15440370	RPL36;RPL36;RPL36	1.10E-05	0.000732042	0.73993	-1.35148	0.000186915	0.690716	-1.44777	0.147755	1.09541	1.09541	0.00202016	0.774491	-1.29117	3.80E-07	0.425467	2.35036	0.000378832	0.716601	-1.39548	0.0112368	0.829956	-1.20488	0.021613	1.1757	1.1757	9.17E-05	0.663679	1.50675	39.5384	2.1562	0.0484749	1
cg11390763	RPL36A	0.000568139	0.00544555	0.432779	-2.31065	0.0814065	0.63141	-1.57876	0.00478058	0.412546	-2.42397	0.316586	0.782887	-1.27732	5.00E-05	0.165473	-6.04328	0.258623	0.756813	-1.32133	0.000488783	0.305572	-3.27255	0.341854	1.26053	1.26053	0.000293348	0.247847	-4.03474	17.1392	12.2077	0.786781	1
cg22840251	RPL36A	0.01505657	0.462387	1.24019	1.24019	0.0523601	0.584616	-2.6	0.0083117	0.167746	-5.96225	0.0188111	0.57179	1.75017	0.0187738	0.687788	-1.45394	0.0254985	0.633553	-1.57863	0.0104248	0.411588	2.43088	0.0115921	0.552	1.16894	1.16894	0.870045	1.04339	1.56194	6.17297	0.994747	1
cg22896615	RPL36A	0.04198114	0.732911	0.905462	-1.10441	0.0181699	0.435383	-2.29683	0.0409658	0.504658	-1.98154	0.251192	1.41564	1.41564	0.575002	0.848537	-1.1785	0.613871	1.15894	1.15894	0.00787735	2.68683	2.68683	0.879796	1.04485	1.04485	0.901448	0.96472	-1.03657	3.61792	4.81631	1.18332	1
cg07553290	RPL36AL	0.0105287	0.0190103	0.39307	-2.54408	0.0880357	0.919974	-1.27945	0.8134497	0.933558	-1.07137	0.649414	0.860277	-1.16232	0.0019406	0.422589	-2.36606	0.0401679	0.471752	-2.11976	0.0544345	0.482837	-2.07093	0.3841	1.17479	1.17479	0.0124567	1.34108	0.0129838	0.36283	-2.75611	0.84358	6.62242	1.53251	1
cg01485704	RPL36;MGAT2	9.21E-05	0.241865	0.820209	-1.2192	0.00783427	0.27439	2.27439	0.410576	1.14585	1.14585	0.113225	0.755933	-1.32287	2.99E-06	0.165089	-6.05735	0.0555377	0.102	1.10122	0.002880602	0.515212	-1.94095	0.758154	1.05124	1.05124	0.054953	1.4221	1.4221	12.6348	0.3845	0.368537	1
cg00431133	RPL36;MGAT2	0.00113444	0.00692038	0.388647	-2.58754	0.000135264	0.1657	-6.035	0.303526	0.748399	-1.33626	0.128402	0.639528	-1.56365	0.00462097	0.358772	-2.78729	0.0551995	0.553643	-1.80622	0.000880007	0.257603	-3.88194	0.000342146	0.208153	-4.79954	0.0247449	0.483284	-2.06918	11.3522	13.3022	1.04158	1
cg21700584	RPL36;MGAT2	0.00172934	0.117873	0.748125	-1.33649	0.178415	1.18365	1.18365	0.0136751	1.96864	1.96864	0.678924	1.05031	1.05031	0.0527352	1.29652	1.29652	0.3306068	1.13312	1.13312	0.148245	1.44045	-2.27059	0.726301	1.37643	1.37643	0.0204214	0.84758	1.1795	1.1795	0.0204214	0.84758	1.1795	0.0204214	1
cg02993890	RPL36;MGAT2	0.00726839	0.0925536	0.472011	-2.11859	0.340622	1.48927	1.48927	0.318877	1.51862	1.51862	0.952149	1.02464	1.02464	0.0265045	0.185243	-5.39833	0.659823	1.19679	1.19679	0.009466068	0.135431	-7.38382	0.395522	1.4232	1.4232	0.0880965	2.1454	2.1454	17.0321	2.31568	1
cg19958009	RPL36;MGAT2	0.0147245	0.137213	0.744312	-1.34315	0.0037185	0.744312	1.34315	0.0037185	1.38035	1.38035	0.440754	0.894198	1.11843	0.0154548	1.11843	1.11843	0.0374718	0.757208	-1.32049	0.0217178	0.709758	1.40901	0.0179	1.40901	1.40901	0.0179	1.40901	1.40901	0.0179	1.40901	1.40901	0.0179	1.40901	1
cg15164458	RPL36;MGAT2;MGAT2	0.00107322	0.0116321	3.20996	3.20996	0.00033754	0.118039	-8.47177	0.00112473	0.169794	-5.88949	0.850949	0.932802	-1.07204	0.00514432	3.9214	3.9214	?	?	?	0.0517114	0.440972	-2.26772	1.55E-05	0.03666443	-27.2745	0.462961	0.758603	-1.31821	22.2794	22.8896	1.92508	1
cg07184439	RPL36;MGAT2;MGAT2	0.00279519	0.007090013	0.508207	-1.9677	0.00402586	0.471561	-2.12062	0.338086	1.21183	1.21183	0.942549	0.986076	-1.01412	0.867434	1.03304	1.03304	0.422017	0.853508	-1.17201	0.000103296	0.262782	-3.80543	0.679817	1.08409	1.08409	0.0820959	0.687443	-1.45467	8.73941	5.23921	0.532882	1
cg23106158	RPL36;MGAT2;MGAT2	0.00183899	0.0182824	?	?	?	2.52204	2.52204	0.102804	0.445809	?	?	?	?	?	?	?	0.0585504	0.740333	-1.35048	0.0220174	0.422412	2.42081	0.0144202	0.542	1.16104	1.16104	0.0846659	1.81874	0.0019743	0.185086	10.7885	4.43901	25.6086	5.76901	1
cg26988241	RPL36;MGAT2;RPL36AL	0.00162889	0.937869	0.969919	-1.03101	0.965537	0.983215	-1.01707	0.202098	0.58997	-1.605	0.195905	0.585179	-1.70888	0.255665	0.62819	-1.59188	0.3633771	0.693151	-1.44194	1.30E-05	0.0277249	-36.0687	0.732872	0.874394	-1.14365	0.784394	0.898123	-1.11343	10.2334	24.8781	2.16095	1
cg04787076	RPL37	0.0076348	0.769348	0.917351	-1.09015	0.0151665	0.858596	-1.17151	1.96E-06	0.535445	-1.86726	0.411896	0.624553	-1.60203	0.0007257	0.273162	-3.66107	0.0001096	0.715919	-1.39715	0.00E-05	0.0001096	0.715919	-1.39715	0.00E-05	0.0001096	0.715919	-1.39715	0.00E-05	0.0001096	0.715919	-1.39715	0.00E-05	1
cg18714679	RPL37	0.00792901	0.00255437	0.156919	-6.37271	0.0964662	0.99804	-1.00196	0.218242	1.77386	1.77386	0.0186833	0.283227	-3.53073	?	?	?	0.124807	0.08627	-2.08627	0.002981	0.136476	-6.06891	0.986829	1.00733	1.00733	0.489505	1.36438	1.36438	0.49254	17.9023	2.75736	1
cg01062838	RPL37	0.01181224	0.106138	0.713446	-1.40165	0.0817014	1.4465	1.4465	0.123416	1.37616	1.37616	0.0257018	1.66021	1.66021	0.536421	0.887212	-1.12725	0.7701661	0.945488	-1.05766	0.00385126	2.10677	2.10677	0.8631899	1.49155	1.49155	0.0171956	0.573803	-1.74276	5.60204	3.24811	0.515386	1
cg17480669	RPL37;RPL37	0.01544612	0.752916	1.09394	1.09394	0.0866303	0.727544	-1.26265	0.0161267	0.614017	-1.62836	0.561426	0.858019	-1.16529	0.0222267	0.613922	-1.62902	0.2004369	0.774	-1.29199	0.0194306	0.358246	-2.79128	0.0139022	1.58462	1.58462	0.0191051	0.690958	-1.43481	0.116667	0.641112	0.155971	6.42442	1.55251	1
cg23631636	RPL37A	0.00621312	0.433602	0.700314	-1.42793	0.0135995	0.245586	-4.0719	0.745245	0.865044	-1.15601	0.0609833	2.6021	2.6021	0.0206105	1.11354	1.11354	0.0002939386	0.0527129	-18.9707	0.0753767	0.408703	-2.44676	0.0728129	0.404616	-2.47148	0.68166	1.20137	1.20137	7.91307	24.2345	2.38202	1
cg26979179	RPL37A	0.00394719	0.0154411	0.422907	-2.36443	0.0744449	0.244449	-4.09091	0.0178	0.316602	-3.15762	0.0177	0.316602	-3.15762	0.0177	0.316602	-3.15762	0.0523578	0.412788	-2.42273	0.0134994	0.444256	-2.25106	0.0545413	0.912	1.09569	1.09569	0.0139117	0.572605	1.74611	1.74611	6.72097	0.994747	1
cg02509972	RPL37A	0.0177263	0.360241	1.14937	1.14937	0.162102	0.801768	-1.24724	0.610571	0.70898	0.70898	0.156161	0.798883	-1.25175	0.0439594	1.40866	1.40866	0.1023361	1.30289	1.30289	0.00420699	0.567024	-1.76359	0.0395643	1.42238	1.42238	0.104359	1.30053	1.30053	4.9003	1.70017	0.308402	1
cg18278628	RPL37A	0.0329251	0.0921805	1.49312	1.49312	0.085149	0.507412	1.10204	0.0144108	0.931558	-1.07137	0.649414	0.860277	-1.16232	0.0019406	0.422589	-2.36606	0.0401679	0.471752	-2.11976	0.0544345	0.482837	-2.07093	0.3841	1.17479	1.17479	0.0124567	1.34108	0.0129838	0.36283	-2.75611	0.84358	6.62242	1.53251	1
cg01485704	RPL38;MGAT2	9.21E-05	0.241865	0.820209	-1.2192	0.00783427	0.27439	2.27439	0.410576	1.14585	1.14585	0.113225	0.755933	-1.32287	2.99E-06	0.165089	-6.05735	0.0555377	0.102	1.10122	0.002880602	0.515212	-1.94095	0.758154	1.05124	1.05124	0.054953	1.4221	1.4221	12.6348	0.3845	0.368537	1
cg00431133	RPL38;MGAT2	0.00113444	0.00692038	0.388647	-2.58754	0.000135264	0.1657	-6.035	0.303526	0.748399	-1.33626	0.128402	0.639528	-1.56365	0.00462097	0.358772	-2.78729	0.0551995	0.553643	-1.80622	0.000880007	0.257603	-3.88194	0.000342146	0.208153	-4.79954	0.0247449	0.483284	-2.06918	11.3522	13.3022	1.04158	1
cg21700584	RPL38;MGAT2	0.00172934	0.117873	0.748125	-1.33649	0.178415	1.18365	1.18365	0.0136751	1.96864	1.96864	0.678924	1.05031	1.05031	0.0527352	1.29652	1.29652	0.3306068	1.13312	1.13312	0.148245	1.44045	-2.27059	0.726301	1.37643	1.37643	0.0204214	0.84758	1.1795	1.1795	0.0204214	0.84758	1.1795	0.0204214	1
cg18439671	RPL38;RPL38	0.0159857	0.0603062	0.649345	-1.54001	0.678345	1.05206	1.05206	0.81231	0.97147	-1.02937	0.0140767	0.691558	-1.44601	0.0192146	0.708441	-1.41155	0.0037351	0.626055	-1.6112	0.179091	0.840574	-1.18966	0.228408	0.857421	-1.16629	0.0444872	0.755184	-1.32418	4.73811	1.1111	0.208447	1
cg25985778	RPL38;RPL38	0.00275732	0.00562328	0.364084	-3.32809	0.344992	0.720178	-1.38916	0.020106	0.388479	-2.57414	0.193726	0.57962	-1.72527	0.0143207	0.580071	-1.72393	0.0208992	0.619342	-1.61442	0.0061918	0.300075	-3.3325	0.0721162	0.508209	-1.96769	0.0416099	0.794553	-1.25857	9.96504	1.93223	1.60273	1
cg03679005	RPL39	0.0462517	0.313245	0.949978	-1.05288	0.6336015	0.635584	-1.57336	0.0134284	0.633936	-1.57745	0.565549	1.7308	1.7308	0.299611	1.2308	1.2308	0.0045488	0.0240468	-41.5855	?	?	0.0215742	0.12596	-7.9396	0.3195	0.29516	2.29516	3.8469	47.1312	10.7203	1
cg17821483	RPL39;SNORA69	0.000602704	0.000678485	0.266461	-3.77842	0.00480314	0.246112	-4.0632	0.098079	0.628156	-1.59105	0.649283	1.12431	1.12431	0.0033904	0.360774	-2.77182	0.0003316	0.247314	-4.04479	0.000310855	0.223773	-4.46882	0.00969767	0.432816	-2.31045	0.00348953	0.362647	-2.7575	13.5669	14.0733	0.922068	1
cg08089154	RPL39;SNORA69	0.00107344	0.000723447	0.180029	-5.55737	0.00953153	0.31599	-3.16807	0.0024975	0.426694	-2.34225	0.0078755	0.627559	-1.59352	0.0075615	0.422755	-2.36577	0.0199494	0.444256	-2.25106	0.0031316	0.311108	-3.21468	0.0124112	0.363778	-2.74989	0.00258196	0.514596	0.757576	0.0124112	0.363778	-2.74989	0.00258196	0.514596	1
cg22865905	RPL39;SNORA69	0.0207147	0.00244398	0.177332	-5.63915	0.0117044	0.274683	-3.64056	0.147424	0.528517	-1.89209	0.854979	1.07879	1.07879	0.129663	0.510884	-1.95739	0.146963	0.528078	-1.89366	0.00763169	0.244853	-4.08408	0.143806	0.525043	-1.90461	0.0236572	0.330141	-3.02901	6.64868	12.3898	2.3691	1
cg07693270	RPL39L	0.0170685	0.871653	0.87163	-1.14705	0.6455019	1.15659	-1.79	0.0107347	1.05868	1.05868	0.0116468	1.140115	1.2923	1.2923	0.199364	1.3582406	-2.79138	0.5737896	1.59714	1.59714	0.0163782	-1.55652	0.0183714	0.84749	0.84749	0.029801	0.81725	0.81725	4.36201	38.9577	7.93332	1
cg18553840	RPL3;RNU86;RPL3	0.00163301	0.000348423	0.234272	-4.26855	0.622077	1.13357	1.13357	0.0011596	3.33359	3.33359	0.334495	0.777465	-1.28623	0.0222261	0.550077	-1.99692	0.232117	1.37194	1.37194	0.0105064	0.44734	-2.23662	0.0428324	0.555306	-1.80088	0.0155303	0.508229	0.50506	-1.98026	0.0428324	0.555306	-1.80088	0.0155303	1
cg06534427	RPL3;RNU86;RPL3	0.00167709	7.01E-05	0.36265	-2.75748	0.468813	1.1085	1.1085	0.0457886	1.37713	1.37713	0.831126	0.970595	-1.0303	0.62832	0.934007	-1.07055	0.0046648	1.69178	1.69178	0.38195	1.13351	1.13351	0.0921408	0.77175	-1.29576	0.474231	0.90329	-1.10706	10.1475	3.13905	0.274971	1
cg20623198	RPL3;RNU86;RPL3	0.0012353	0.00112534	0.207914	-4.81012	0.0148549	0.491351	-2.0352	0.1188677	0.72463	-1.38031	0.0260373	1.24631	1.24631	0.0260373	1.24631	1.24631	0.0001205	0.0527352	-18.9602	0.0139344	0.344515	-2.90223	0.0194342	0.377437	-2.64909	0.0082605	0.342412	-2.92111	0.0069381	0.313242	-3.19187	0.0082605	0.342412	1
cg25360060	RPL3;RNU86;RPL3	0.0373239	0.00572679	0.128364	-7.79032	0.0172363	0.113	-5.17786	0.738819	0.827263	-1.2088	0.314325	0.554495	-1.80344	0.0114648	0.166534	6.00479	0.0620707	0.304066	-3.28875	0.030284	0.236139	-4.2348	0.212823	0.475408	-2.10346	0.122221	0.387029	-2.58378	9.77783	19.2163	4.52141	1
cg24542766	RPL3;RNU86;RPL3	0.0010965	0.007280455	0.15223	-6.57033	0.0127092	0.0959	-10.4262	0.0537886	0.644009	-1.55263	0.0127092	1.54987	-1.44387	0.0189372	0.520054	-1.92288	0.0240803	0.774502	-1.29104	0.0066148	0.277557	-3.60214	0.0076554	0.850203	-1.17619	0.0838453	0.626423	-1.59637	0.0076554	0.850203	-1.17619	0.0838453	0.626423	1
cg15010396	RPL3;SNORD43;RPL3	0.0126748	0.0548841	-1.27573	1.27573	0.444926	0.916749	-1.09081	0.0470223	1.28882	1.28882	0.390019	1.10331	1.10331	0.449278	1.0926304	1.07956	0.0110503	0.7006654	-1.42724	0.00714457	0.678579

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00501421	RPP14;RPP14	0.000379227	?	?	?	0.00473424	0.388416	-2.57456	?	?	?	0.00207367	0.28477	-3.51161	?	?	?	?	?	?	0.000528942	7.34814	7.34814	0.000310534	10.8614	10.8614	0.00026818	12.2492	12.2492	257.744	33.2589	0.0774229	1
cg23715586	RPP14;RPP14	0.0140199	0.0860686	0.611358	-1.6357	0.860204	1.0468	1.0468	0.693171	0.902235	-1.10836	0.0330806	0.523893	-1.90879	0.00155648	0.307294	-3.25421	0.0216542	0.489037	-2.04484	0.00638369	0.3982	-2.5113	0.274161	1.3434	1.3434	0.213338	0.711786	-1.40492	5.29741	5.64698	0.947545	1
cg12435725	RPP14;RPP14	0.0142484	0.0260977	0.306651	-3.26104	0.773404	1.13799	1.13799	0.973938	0.985479	-1.01473	0.23408	0.572046	-1.74811	0.00549706	0.195076	-5.12621	0.20561	0.549973	-1.81827	0.00304338	0.162384	-6.15826	0.00340656	0.16827	-5.94284	0.135164	0.48621	-2.05672	5.26931	16.7313	2.82243	1
cg13599271	RPP14;RPP14	0.0189587	0.140613	0.854935	-1.16968	0.41562	0.921021	-1.08575	0.00474614	0.690164	-1.44893	0.0166764	1.33508	1.33508	0.0300405	0.776982	-1.28703	0.385853	0.915849	-1.09188	0.0390074	0.789582	-1.26649	0.799932	0.975202	-1.02543	0.274279	1.11905	1.11905	4.79058	0.741827	0.137645	1
cg05945274	RPP14;RPP14	0.0265659	0.00372585	0.120481	-8.30008	0.670711	0.793714	-1.2599	0.850309	0.902975	-1.10745	0.515916	0.700583	-1.42738	0.00661707	0.148928	-6.71466	0.0142733	0.195443	-5.11658	0.999795	0.999861	-1.00014	0.658997	1.27113	1.27113	0.053411	0.305672	-3.27148	4.26583	19.7154	4.10817	1
cg06000265	RPP14;RPP14	0.0380089	0.491582	0.952629	-1.04973	0.00576565	0.777768	-1.28573	0.968774	0.997284	-1.00272	0.329532	1.07241	1.07241	0.88773	0.990235	-1.00986	0.00814361	1.26528	1.26528	0.207018	1.09685	1.09685	0.382553	1.06418	1.06418	0.590262	1.03848	1.03848	3.75282	0.286833	0.0679391	1
cg00258873	RPP21	4.34E-05	6.92E-05	0.219476	-4.5563	0.00782687	0.490697	-2.03792	0.00349844	0.437672	-2.28481	0.000521638	3.09026	3.09026	3.99E-05	0.194424	-5.1434	0.966011	1.00893	1.00893	9.42E-05	0.234179	-4.27025	0.000135366	0.252022	-3.9679	0.00906128	0.500684	-1.99727	27.6339	19.0395	0.612435	1
cg26161170	RPP21	8.88E-05	0.117818	1.41567	1.41567	0.00671596	2.26901	2.26901	7.24E-05	0.110708	-9.0328	0.000356968	4.84648	4.84648	?	?	?	0.0262229	1.777	1.777	0.431721	1.17053	1.17053	?	?	?	2.77E-05	0.0685052	-14.5974	76.213	32.2975	0.3027	1
cg11974977	RPP21	0.000264099	9.45E-06	0.013643	-73.2977	0.360849	1.52539	1.52539	0.756972	0.869762	-1.14974	0.121246	0.469898	-2.12812	0.0760775	0.411762	-2.42859	9.22E-05	0.0433687	-23.0581	0.817683	1.10938	1.10938	0.764416	1.14465	1.14465	0.50197	1.3584	1.3584	17.0332	54.5106	2.84467	1
cg08437578	RPP21	0.000814663	0.143654	1.93779	1.93779	0.00153789	0.146794	-6.81227	0.0731759	0.431144	-2.31941	0.184051	1.80998	1.80998	0.683569	1.18832	1.18832	4.06E-05	0.0369761	-27.0445	0.0435639	2.65665	2.65665	0.389778	0.690003	-1.44927	0.0353888	0.356485	-2.80517	12.4682	35.0054	2.49563	1
cg10454368	RPP21	0.000839548	0.0210228	1.74268	1.74268	0.0192264	0.567385	-1.76247	0.00442145	0.467605	-2.13856	0.0172479	0.559619	-1.78693	0.00206272	0.419649	-2.38294	0.0132266	0.540931	-1.84866	0.260151	0.790557	-1.26493	0.211342	0.768374	-1.30145	5.42E-05	0.221918	-4.50617	12.3629	7.83914	0.563631	1
cg07750744	RPP21	0.0012874	0.00362545	0.44287	-2.258	0.00109621	0.369284	-2.70795	0.119785	0.705244	-1.41795	0.0381415	1.64414	1.64414	0.000676126	0.341218	-2.93068	0.0646197	0.650867	-1.53641	0.00195874	0.404252	-2.47371	0.00195155	0.404026	-2.47509	0.460621	0.856059	-1.16814	10.9496	7.42332	0.602628	1
cg20856330	RPP21	0.00193012	0.203541	0.79426	-1.25903	0.52003	0.894114	-1.11843	0.327508	1.18944	1.18944	0.163761	0.774873	-1.29053	0.000116888	0.314018	-3.18453	0.00216542	0.477711	-2.09331	0.260689	0.817631	-1.22305	0.799359	1.04468	1.04468	0.0109616	1.72964	1.72964	9.74225	4.54516	0.414704	1
cg16430951	RPP21	0.00327904	0.117756	1.19598	1.19598	0.00128966	0.610104	-1.63906	0.824433	0.976864	-1.02368	0.0564707	0.796517	-1.25547	0.0987057	1.21015	1.21015	0.49903	0.930253	-1.07498	0.000699437	0.580056	-1.72397	0.127219	0.840493	-1.18978	0.0504639	1.26474	1.26474	8.33462	1.46511	0.156254	1
cg24528164	RPP21	0.00406328	0.00168229	0.263151	-3.80011	0.0781178	0.558789	-1.78958	0.00269197	0.291401	-3.4317	0.249032	0.698911	-1.4308	0.00294208	0.29694	-3.36768	0.424165	0.784515	-1.27467	0.00134584	0.250353	-3.99436	0.00511948	0.332982	-3.00316	0.0314961	0.472375	-2.11696	7.81541	10.9424	1.24454	1
cg22334880	RPP21	0.00424017	0.436847	1.34577	1.34577	0.00126405	5.82237	5.82237	0.00189318	5.1983	5.1983	0.00271464	4.71345	4.71345	0.137361	1.82044	1.82044	0.0206072	2.84051	2.84051	0.897023	0.952678	-1.04967	0.00213076	5.03237	5.03237	0.0651988	2.17068	2.17068	7.71547	17.1283	1.97332	1
cg23368162	RPP21	0.00689495	0.000726084	0.309483	-3.2312	0.5365	0.866896	-1.15354	0.847161	0.956921	-1.04502	0.443448	1.1952	1.1952	0.000493221	0.28792	-3.47319	0.264385	0.766846	-1.30404	0.874791	0.964654	-1.03664	0.135365	0.692598	-1.44384	0.741181	0.927151	-1.07857	6.64636	5.48179	0.733139	1
cg04949608	RPP21	0.0069782	0.673652	0.945113	-1.05807	0.0534929	1.33948	1.33948	0.0141106	0.667827	-1.49739	0.012005	1.51831	1.51831	0.915973	0.986033	-1.01416	0.0658606	1.3166	1.3166	0.00115321	1.88981	1.88981	0.977541	1.00376	1.00376	0.0332084	1.39343	1.39343	6.62155	1.86262	0.250041	1
cg27631191	RPP21	0.00767148	0.799129	0.946653	-1.05635	0.611303	1.11649	1.11649	0.20104	1.33686	1.33686	0.000942856	0.34632	-2.8875	0.00422369	0.438879	-2.27853	0.695976	0.919038	-1.08809	0.0709176	1.54311	1.54311	0.0802408	1.51774	1.51774	0.59385	1.12268	1.12268	6.42829	4.70586	0.650715	1
cg14423703	RPP21	0.00906426	0.000777959	0.202938	-4.92762	0.0229144	0.425826	-2.34838	0.711167	0.889878	-1.12375	0.436814	1.28252	1.28252	0.275756	1.42712	1.42712	0.112807	0.581912	-1.71847	0.195133	1.53702	1.53702	0.132216	1.66469	1.66469	0.0704899	1.88536	1.88536	6.09859	9.50413	1.38526	1
cg27519140	RPP21	0.00996428	0.0307582	0.471353	-2.12155	0.076077	1.79529	1.79529	0.0244894	2.21317	2.21317	0.00469405	3.0465	3.0465	0.0356078	0.484274	-2.06495	0.183699	1.51911	1.51911	0.0626843	0.537441	-1.86067	0.512603	0.821301	-1.21758	0.420294	0.78342	-1.27645	5.91739	8.23604	1.23719	1
cg06063598	RPP21	0.0111997	0.0118165	0.340728	-2.93489	0.723602	0.885492	-1.12932	0.419621	1.32634	1.32634	0.805049	1.08839	1.08839	0.0018501	0.220099	-4.54341	0.565	0.819362	-1.22046	0.00304306	0.248961	-4.01669	0.209263	1.57345	1.57345	0.189883	0.621552	-1.60887	5.69937	10.588	1.65133	1
cg26181343	RPP21	0.0122231	0.701594	0.927531	-1.07813	0.00305584	2.20941	2.20941	0.00445858	2.09844	2.09844	0.274178	1.24899	1.24899	0.477418	1.1516	1.1516	0.394713	1.1857	1.1857	0.0109457	0.535809	-1.86634	0.187769	1.31359	1.31359	0.221508	1.28543	1.28543	5.54027	3.35028	0.537524	1
cg16867825	RPP21	0.0199288	0.737335	0.975072	-1.02557	0.125542	1.13239	1.13239	0.151376	1.1222	1.1222	0.403764	0.937936	-1.06617	0.0353107	1.20181	1.20181	0.365068	0.932583	-1.07229	0.00304287	0.737508	-1.35592	0.0342205	0.830859	-1.20357	0.256967	0.915093	-1.09278	4.71027	0.419585	0.0791811	1
cg15193282	RPP21	0.0225481	?	?	?	0.10418	0.436413	-2.29141	0.144454	0.482079	-2.07435	0.0959922	0.425754	-2.34878	0.0027519	0.134655	-7.42639	0.277028	0.592408	-1.68802	0.00354737	0.147792	-6.76629	0.853709	0.918531	-1.08869	0.0353491	0.314888	-3.17573	5.09404	14.8757	2.55518	1
cg03130180	RPP21	0.0280406	0.501207	0.901154	-1.10969	0.00663879	1.71105	1.71105	0.0210263	1.52682	1.52682	0.105015	1.31005	1.31005	0.0798719	0.743563	-1.34488	0.200379	0.813661	-1.22901	0.590457	1.08636	1.08636	0.0498277	1.40647	1.40647	0.669688	1.06761	1.06761	4.18565	1.54084	0.327222	1
cg01425186	RPP21	0.0289095	0.554971	0.680616	-1.46926	0.37975	1.78711	1.78711	0.301331	1.9938	1.9938	0.883308	1.09926	1.09926	0.403008	0.576117	-1.73576	0.000589536	0.0326925	-30.5881	0.345073	1.87129	1.87129	0.937989	1.05141	1.05141	0.636236	0.735654	-1.35933	4.14081	27.2295	5.84523	1
cg10542419	RPP21;RPP21	0.0141348	0.339132	1.52419	1.52419	0.968091	0.983034	-1.01726	0.97024	1.01609	1.01609	0.00031331	0.0821297	-12.1759	0.118937	2.06256	2.06256	0.10939	0.473928	-2.11003	0.330759	0.650971	-1.53617	0.858918	1.07908	1.07908	0.955023	0.976162	-1.02442	5.28322	15.3112	2.57607	1
cg25399963	RPP25	0.000735924	0.750084	0.900588	-1.11039	0.000124013	8.95807	8.95807	0.000172233	8.09223	8.09223	0.0214085	2.47381	2.47381	0.634823	1.16972	1.16972	0.0024082	3.99503	3.99503	0.00464285	3.43399	3.43399	0.701297	1.1346	1.1346	0.226663	0.659735	-1.51576	12.8296	21.8139	1.51136	1
cg26548288	RPP25	0.00285959	0.250839	0.667884	-1.49727	0.000715662	5.65698	5.65698	0.00346074	3.80106	3.80106	0.252304	1.49524	1.49524	0.227591	0.653052	-1.53127	0.0206283	2.55449	2.55449	0.0014637	4.69067	4.69067	0.502168	1.2575	1.2575	0.207706	0.639598	-1.56348	8.68068	15.5592	1.59324	1
cg16064478	RPP25	0.00316651	0.322628	0.847578	-1.17983	0.00112508	2.17301	2.17301	0.0393124	1.47101	1.47101	0.343712	1.17103	1.17103	0.375412	1.15864	1.15864	0.00232525	1.9904	1.9904	0.000342761	2.54249	2.54249	0.807715	1.04026	1.04026	0.92627	1.01509	1.01509	8.42179	3.49461	0.368843	1
cg09784307	RPP25	0.00397216	0.049782	5.93622	5.93622	0.739798	1.3038	1.3038	0.0440801	6.30403	6.30403	0.0260904	8.17678	8.17678	0.272066	0.40255	-2.48416	0.0185178	9.71037	9.71037	0.000434433	83.6999	83.6999	0.00146941	38.6419	38.6419	0.0161355	10.411	10.411	7.86904	78.9488	8.91808	1
cg15611336	RPP25	0.0091368	0.0638623	11.151	11.151	0.447013	2.4529	2.4529	0.103655	7.8487	7.8487	0.0212711	24.6576	24.6576	0.234638	0.236393	-4.23024	0.0130105	35.4289	35.4289	0.00111253	260.102	260.102	0.00541762	69.2171	69.2171	0.0467699	13.9513	13.9513	6.08317	129.13	18.8688	1
cg16914151	RPP25	0.044654	0.103842	1.36418	1.36418	0.00357326	1.99204	1.99204	0.737754	1.06043	1.06043	0.834654	0.964161	-1.03717	0.293898	0.826873	-1.20938	0.0232148	1.60608	1.60608	0.249193	1.23405	1.23405	0.427639	0.868129	-1.1519	0.576053	0.906068	-1.10367	3.53572	1.70736	0.429233	1
cg27542341	RPP25;RPP25	0.000214789	0.180469	0.615082	-1.6258	0.990923	0.99612	-1.00389	0.000598353	6.10992	6.10992	0.0506919	2.14013	2.14013	0.000154347	0.109076	-9.16791	0.012526	2.89042	2.89042	0.000211077	8.30536	8.30536	0.00131772	4.93906	4.93906	0.809701	0.920864	-1.08594	18.019	33.326	1.644	1
cg13902498	RPP25;RPP25	0.00806011	0.76865	0.96534	-1.0359	0.115482	1.22709	1.22709	0.0283955	1.36261	1.36261	0.471678	0.916166	-1.09151	0.317333	0.883716	-1.13159	0.20424	1.17378	1.17378	0.00028125	0.49159	-2.03422	0.970039	0.995518	-1.0045	0.814693	1.02848	1.02848	6.32922	1.43369	0.201351	1
cg06298896	RPP25;RPP25	0.00930589	0.454282	0.867078	-1.1533	0.105122	1.39284	1.39284	0.000725895	2.61622	2.61622	0.312999	1.21565	1.21565	0.181971	0.767138	-1.30355	0.0199087	0.591055	-1.69189	0.296231	1.22466	1.22466	0.851534	1.03568	1.03568	0.0332122	1.59329	1.59329	6.04781	3.35367	0.492912	1
cg14882291	RPP30	0.0438137	0.32115	0.737536	-1.35587	0.0129568	0.400099	-2.49938	0.291205	0.722306	-1.38446	0.441071	0.791887	-1.26281	0.00393192	0.315866	-3.1659	0.818905	1.07049	1.07049	0.108508	1.682	1.682	0.388542	0.769146	-1.30014	0.301236	0.727505	-1.37456	3.5609	4.97512	1.24191	1
cg02187457	RPP30;RPP30	0.000340906	0.923865	0.99209	-1.00797	3.24E-06	2.4975	2.4975	0.470127	1.06295	1.06295	0.611518	1.04347	1.04347	0.0951246	1.16457	1.16457	0.234746	0.901701	-1.10902	0.330667	0.919991	-1.08697	0.686442	0.966846	-1.03429	0.80217	1.02108	1.02108	15.8837	1.73632	0.0971687	1
cg05163348	RPP30;RPP30	0.000372752	0.0342964	0.409871	-2.43979	0.36093	1.40386	1.40386	0.0896595	1.96564	1.96564	0.343258	0.702817	-1.42285	0.00610223	3.64341	3.64341	7.66E-06	0.0287426	-34.7915	0.877572	0.945841	-1.05726	0.915026	0.962182	-1.0393	0.907488	0.95888	-1.04288	15.4985	32.0234	1.83665	1
cg01055714	RPP30;RPP30	0.00714796	0.85557	0.981193	-1.01917	0.735071	1.03603	1.03603	0.946872	0.99308	-1.00697	0.000618917	0.577504	-1.73159	0.181264	1.15939	1.15939	0.0148771	0.731873	-1.36636	0.668093	0.956047	-1.04597	0.0076714	1.42915	1.42915	0.9146	0.988884	-1.01124	6.57208	1.13028	0.152873	1
cg05008247	RPP30;RPP30	0.00921272	0.269319	1.30239	1.30239	0.00789053	0.45717	-2.18737	0.0491633	0.597064	-1.67486	0.0746084	1.57798	1.57798	0.0102794	0.475784	-2.10179	0.275361	0.770566	-1.29775	0.0108667	2.0844	2.0844	0.153938	1.41987	1.41987	0.552175	0.870985	-1.14813	6.06719	5.06856	0.742582	1
cg17888792	RPP30;RPP30	0.0156011	0.07867	0.531133	-1.88277	0.00161413	4.32638	4.32638	0.00329208	3.65958	3.65958	0.515632	0.807697	-1.23809	0.366176	1.35093	1.35093	0.923667	0.969427	-1.03154	0.887003	0.95498	-1.04714	0.580424	1.19828	1.19828	0.721089	1.12316	1.12316	5.1137	8.50134	1.47774	1
cg00585558	RPP30;RPP30	0.0366399	0.127229	1.47352	1.47352	0.305631	0.779338	-1.28314	0.00177008	2.84755	2.84755	0.769226	1.07159	1.07159	0.865559	0.960956	-1.04063	0.128473	0.679644	-1.47136	0.143947	0.691435	-1.44627	0.766201	1.0726	1.0726	0.742403	0.925409	-1.0806	3.80339	3.3276	0.777693	1
cg03087855	RPP30;RPP30	0.0369479	0.0144619	0.67354	-1.48469	0.153986	1.22158	1.22158	0.0822783	1.28716	1.28716	0.623972	1.06694	1.06694	0.161667	1.21651	1.21651	0.0554716	0.752276	-1.3293	0.033302	1.38574	1.38574	0.696184	1.05281	1.05281	0.475049	0.909137	-1.09994	3.79181	1.03281	0.242115	1
cg05570321	RPP38;RPP38;C10orf111;RPP38	0.0439729	0.820734	0.96881	-1.03219	0.911128	1.01571	1.01571	0.118797	1.26665	1.26665	0.098676	1.28762	1.28762	0.223501	1.19549	1.19549	0.133278	0.797635	-1.25371	0.0415734	0.720336	-1.38824	0.605413	1.07547	1.07547	0.00897052	0.628783	-1.59037	3.55608	1.09773	0.274393	1
cg27287245	RPP38;RPP38;RPP38;C10orf111;RPP38	6.24E-08	2.70E-07	0.196883	-5.07916	1.24E-09	0.0399828	-25.0108	0.847924	0.979706	-1.02071	1.79E-05	0.392343	-2.54879	0.000204842	0.514547	-1.94346	0.000960102	0.59143	-1.69082	?	?	?	0.113913	1.20162	1.20162	0.0179588	0.735586	-1.35946	152.313	24.4551	0.160558	1
cg23533001	RPP38;RPP38;RPP38;C10orf111;RPP38	0.0235344	0.333373	1.19836	1.19836	0.00844935	0.543435	-1.84014	0.991189	1.002	1.002	0.0272709	0.622651	-1.60604	0.0771849	1.42809	1.42809	0.568625	1.11015	1.11015	0.0617797	0.682835	-1.46448	0.12026	1.35749	1.35749	0.0565286	0.676032	-1.47922	4.44945	2.31768	0.463014	1
cg12547658	RPP38;RPP38;RPP38;RPP38;RPP38;C10orf111;RPP38	0.0131383	0.999811	1.00002	1.00002	0.243241	0.902687	-1.1078	0.0117297	0.767989	-1.3021	0.697565	1.03328	1.03328	0.00288996	0.709305	-1.40983	0.0202645	1.26451	1.26451	0.874032	1.01339	1.01339	0.0495392	1.20669	1.20669	0.608077	1.04432	1.04432	5.4114	0.602495	0.0989671	1
cg24601517	RPP40	0.00207021	0.000296915	0.503168	-1.98741	0.395483	1.1068	1.1068	0.854388	0.978805	-1.02165	0.34097	1.12123	1.12123	0.673563	0.951793	-1.05065	0.0411066	1.31628	1.31628	0.000447822	0.524322	-1.90722	0.371183	1.11302	1.11302	0.35145	1.11831	1.11831	9.54538	2.05565	0.191427	1
cg14675513	RPP40	0.0132526	0.213984	0.872854	-1.14567	0.0236542	1.32417	1.32417	0.0295405	1.30515	1.30515	0.711248	0.962092	-1.0394	0.488033	1.07597	1.07597	0.0536417	0.796317	-1.25578	0.00215955	0.639188	-1.56449	0.230689	0.877496	-1.13961	0.545171	1.06571	1.06571	5.3961	0.923155	0.152069	1
cg19629710	RPRD1A	0.0131283	0.5345	1.30546	1.30546	0.959263	0.97863	-1.02184	0.174314	0.539563	-1.85335	0.00976483	0.238039	-4.20099	0.684053	0.840995	-1.18907	?	?	?	0.000479806	0.0821683	-12.1701	0.506435	0.751472	-1.33072	0.483308	0.739313	-1.35261	6.21083	15.3091	2.15679	1
cg02901122	RPRD1A	0.0150917	?	?	?	0.100118	0.505208	-1.97938	0.00108936	0.101732	-9.82977	?	?	?	?	?	?	0.0160738	0.29831	-3.35222	0.171231	0.582013	-1.71818	0.185973	0.594811	-1.68121	0.306555	0.679836	-1.47094	8.84586	10.8815	1.0251	1
cg03792653	RPRD1B;KIAA0406	0.00326915	0.0248093	0.433925	-2.30455	0.00127802	0.230428	-4.33976	0.0131062	0.382325	-2.61558	0.33144	0.73115	-1.36771	0.0388334	0.473549	-2.11171	0.0193371	0.413151	-2.42042	0.0006162	0.192516	-5.19438	0.0016522	0.244796	-4.08504	0.00824975	0.347926	-2.87417	8.34213	12.9019	1.37475	1
cg12982440	RPRD1B;KIAA0406	0.0206858	0.0152731	0.600112	-1.66636	0.900876	0.978865	-1.02159	0.069295	1.41677	1.41677	0.239886	0.809801	-1.23487	0.00278012	0.493119	-2.02791	0.185692	1.27197	1.27197	0.715331	1.06481	1.06481	0.540459	1.11208	1.11208	0.0995938	0.733874	-1.36263	4.65089	2.16476	0.413734	1
cg04936382	RPRD1B;KIAA0406;RPRD1B	0.011311	0.129189	0.767513	-1.30291	0.0365417	1.48016	1.48016	0.0273225	1.52412	1.52412	0.78563	0.956955	-1.04498	0.425492	1.14035	1.14035	0.726825	0.944969	-1.05824	0.00148612	0.477298	-2.09513	0.0867979	1.35696	1.35696	0.125908	1.30638	1.30638	5.68119	2.34351	0.36667	1
cg08856268	RPRD2	0.00103397	0.179585	1.52152	1.52152	0.000419026	5.19054	5.19054	0.00211632	3.56903	3.56903	0.0179734	2.33155	2.33155	0.128013	1.62333	1.62333	0.0554215	1.89512	1.89512	0.00103519	4.18204	4.18204	9.52E-05	7.73891	7.73891	0.0145376	2.42627	2.42627	11.6555	16.0042	1.22054	1
cg08468904	RPRD2	0.00146287	0.000692457	0.618297	-1.61735	0.0311466	0.790672	-1.26475	0.183677	0.877237	-1.13994	0.000267462	0.573791	-1.7428	0.054842	1.22411	1.22411	0.913292	0.989937	-1.01017	0.707754	0.965636	-1.03559	0.000964025	0.633574	-1.57835	0.38587	0.920769	-1.08605	10.5554	1.44147	0.121388	1
cg15654264	RPRD2	0.0183067	0.549267	0.793389	-1.26042	0.0643608	2.21169	2.21169	0.126502	1.88017	1.88017	0.121091	0.526221	-1.90034	0.00548697	0.247921	-4.03355	0.618308	0.825425	-1.2115	0.00672923	0.261285	-3.82724	0.253268	0.633983	-1.57733	0.0651897	0.453519	-2.20498	4.84749	11.2002	2.05379	1
cg01766368	RPRD2	0.0224656	0.0338468	0.463299	-2.15843	0.00893244	0.355973	-2.8092	0.0828102	0.550727	-1.81578	0.000912931	0.214485	-4.66234	0.271918	0.70107	-1.42639	0.851319	0.943396	-1.06	0.544397	0.826524	-1.20989	0.674433	0.877042	-1.1402	0.159616	0.627078	-1.5947	4.5213	6.90551	1.35762	1
cg18789069	RPRD2	0.041008	0.0251676	0.60392	-1.65585	0.420846	0.85577	-1.16854	0.161782	1.32706	1.32706	0.82496	1.04285	1.04285	0.00210933	0.440937	-2.2679	0.428859	0.858156	-1.16529	0.327833	0.825884	-1.21082	0.620113	1.09926	1.09926	0.316557	0.82192	-1.21666	3.64947	2.07341	0.505013	1
cg08270053	RPRD2	0.0462341	0.271686	1.18642	1.18642	0.0324829	0.688013	-1.45346	0.0548111	0.72226	-1.38454	0.0339632	0.690873	-1.44744	0.0335198	0.690029	-1.44921	0.752496	1.0484	1.0484	0.482944	1.1124	1.1124	0.0226498	0.665201	-1.5033	0.560812	0.91589	-1.09183	3.48993	1.23351	0.314177	1
cg21821913	RPRM	0.00264752	0.00118012	0.24377	-4.10223	0.0713784	0.550248	-1.81736	0.241388	0.695029	-1.43879	0.00898943	0.373257	-2.67912	0.00109537	0.239652	-4.17271	0.0463848	0.508202	-1.96772	0.000318468	0.177433	-5.63593	0.0140818	0.406945	-2.45733	0.0402355	0.495057	-2.01997	8.88071	12.3782	1.23896	1
cg22392178	RPRM	0.00819656	0.00201127	0.209832	-4.76572	0.174434	0.595964	-1.67795	0.0415774	0.430928	-2.32057	0.059343	0.46643	-2.14395	0.00274994	0.227553	-4.39458	0.201723	0.616934	-1.62092	0.0012646	0.185305	-5.39651	0.0239243	0.380841	-2.62577	0.144679	0.570473	-1.75293	6.29584	12.7993	1.80709	1
cg13167052	RPRM;RPRM	0.000764705	0.955089	1.0053	1.0053	0.912765	1.01034	1.01034	0.708726	1.03586	1.03586	0.138959	0.861097	-1.16131	0.185081	1.14107	1.14107	0.000347902	0.582686	-1.71619	6.19E-05	0.499822	-2.00071	0.988241	1.00138	1.00138	0.0130347	1.3354	1.3354	12.6921	1.77228	0.124121	1
cg26909813	RPRML	0.000498564	0.00424236	0.449069	-2.22683	0.98022	1.0052	1.0052	0.303208	0.800062	-1.2499	0.118999	1.42464	1.42464	0.0024695	2.41187	2.41187	0.0608532	0.642764	-1.55578	8.01E-05	0.225459	-4.43539	0.242259	1.29174	1.29174	0.00104261	0.362312	-2.76005	14.3019	9.9101	0.615929	1
cg05302784	RPRML	0.00512274	0.925289	0.981613	-1.01873	0.447557	1.16551	1.16551	0.425386	1.17476	1.17476	0.660389	0.916232	-1.09143	0.0300875	1.65657	1.65657	0.75259	1.06457	1.06457	0.000154316	0.277213	-3.60733	0.150095	1.357	1.357	0.113804	1.40554	1.40554	7.28443	4.5168	0.551166	1
cg05955013	RPRML	0.0227854	0.0585601	0.586572	-1.70482	0.291516	1.31421	1.31421	0.510996	0.84668	-1.18108	0.993572	0.997991	-1.00201	0.845781	1.04981	1.04981	0.336566	0.780867	-1.28063	0.00105308	0.298269	-3.35268	0.203628	1.3979	1.3979	0.123917	1.51581	1.51581	4.49937	4.44097	0.877352	1
cg22674412	RPRML;RPRML	0.0146485	0.225254	1.32593	1.32593	0.234339	0.758709	-1.31803	0.613916	0.893437	-1.11927	0.918398	1.02296	1.02296	0.246551	0.764597	-1.30788	0.0191441	1.87379	1.87379	0.000822356	0.32746	-3.05381	0.211569	1.33845	1.33845	0.955495	0.987714	-1.01244	5.22144	4.05734	0.690714	1
cg02525643	RPS10	1.46E-05	7.32E-06	0.102261	-9.77887	0.452705	0.838244	-1.19297	0.0033399	0.398022	-2.51242	0.00404266	0.410453	-2.43633	0.000856156	0.315018	-3.17442	0.000257625	0.249708	-4.00467	6.21E-07	0.0427238	-23.4062	0.025478	0.542063	-1.8448	7.44E-05	0.190186	-5.258	36.7703	30.9809	0.748934	1
cg11655418	RPS10	0.00859576	0.641838	0.936174	-1.06818	0.710863	0.948923	-1.05383	0.0715008	1.32761	1.32761	0.2442	1.18714	1.18714	0.147087	1.24493	1.24493	0.0182509	1.49696	1.49696	0.149228	0.804318	-1.24329	0.000818892	0.491587	-2.03423	0.108929	1.2791	1.2791	6.20201	1.9473	0.279093	1
cg11061603	RPS10	0.00889945	0.254105	0.869142	-1.15056	0.326177	1.1268	1.1268	0.00166749	1.6982	1.6982	0.148509	0.833178	-1.20022	0.00519697	0.647677	-1.54398	0.668213	1.05209	1.05209	0.753948	0.963647	-1.03772	0.065939	1.27503	1.27503	0.0712026	1.26786	1.26786	6.1342	1.34744	0.195254	1
cg03946452	RPS10	0.0385219	0.969701	1.01012	1.01012	0.14331	1.51732	1.51732	0.227848	0.714928	-1.39874	0.622754	0.876822	-1.14048	0.240064	0.721731	-1.38556	0.744964	0.91711	-1.09038	0.00085306	0.264894	-3.7751	0.499753	0.833926	-1.19915	0.439163	0.811256	-1.23266	3.73444	4.15663	0.98938	1
cg06703635	RPS10P7	0.000109865	0.000352005	0.469784	-2.12864	0.156725	0.819309	-1.22054	0.000834418	0.516021	-1.93791	0.00886903	1.54997	1.54997	8.14E-05	0.392619	-2.547	0.0658966	1.31193	1.31193	2.94E-05	0.340457	-2.93723	0.440146	0.901603	-1.10914	0.032541	0.719499	-1.38986	21.5899	5.91923	0.243704	1
cg04571355	RPS10P7	0.020259	0.0475546	1.57475	1.57475	0.256434	0.788708	-1.2679	0.340535	0.821341	-1.21752	0.606257	1.1098	1.1098	0.00531807	0.479069	-2.08738	0.0116784	0.531821	-1.88033	0.105857	1.42467	1.42467	0.542733	1.1314	1.1314	0.135499	0.724415	-1.38043	4.68403	2.97862	0.565253	1
cg00544901	RPS11	0.00241822	0.00972645	2.22063	2.22063	0.989694	1.00316	1.00316	0.203717	0.720895	-1.38716	0.00119285	3.18589	3.18589	0.199126	1.39234	1.39234	0.0632634	1.6646	1.6646	0.16337	0.695651	-1.4375	0.0294622	0.534988	-1.8692	0.00185665	0.340432	-2.93745	9.12082	8.59673	0.837813	1
cg07569288	RPS11	0.00838562	0.00674966	0.168563	-5.9325	0.0179104	0.23254	-4.30033	0.271285	0.559546	-1.78716	0.242751	0.538075	-1.85848	0.00550675	0.157249	-6.35935	0.00165915	0.10212	-9.79239	0.00237824	0.116755	-8.56492	0.167125	0.473954	-2.10991	0.0629813	0.346311	-2.88758	6.25071	25.4447	3.6184	1
cg12528835	RPS11;SNORD35B	0.0379115	0.0121844	0.0889552	-11.2416	0.396573	0.510471	-1.95897	0.213049	0.362133	-2.76141	0.702686	1.34588	1.34588	0.00805161	0.072127	-13.8644	0.227657	0.374968	-2.6669	0.0103346	0.0818896	-12.2116	0.0434342	0.165479	-6.04305	0.106476	0.255302	-3.91693	3.75634	35.6923	8.44613	1
cg24658452	RPS12	0.00723781	0.289837	0.71927	-1.3903	0.689249	0.886421	-1.12813	0.327187	1.35443	1.35443	0.223386	0.681328	-1.46772	0.000111389	0.130256	-7.67717	0.625791	0.86294	-1.15883	0.0381881	0.486462	-2.05566	0.354115	0.7513	-1.33103	0.534157	1.20786	1.20786	6.54649	9.32771	1.26653	1
cg27618792	RPS12;SNORA33	0.022178	0.0157774	0.187138	-5.34364	0.00718596	0.140005	-7.1426	0.266467	0.518924	-1.92707	0.0939453	0.35223	-2.83905	0.00454311	0.117441	-8.51489	0.0261981	0.224389	-4.45654	0.0236313	0.216314	-4.62292	0.276983	0.526967	-1.89765	0.0275054	0.228299	-4.38022	4.54136	23.0888	4.51922	1
cg00595243	RPS12;SNORD100;SNORA33	0.00632032	0.00741926	0.258568	-3.86745	0.00087108	0.141028	-7.09079	0.0701598	0.452047	-2.21216	0.11481	0.510404	-1.95923	0.00148438	0.165679	-6.03578	0.0522865	0.420765	-2.37663	0.00631431	0.247868	-4.03441	0.116525	0.512296	-1.952	0.0301883	0.368009	-2.71733	6.82845	16.6345	2.16539	1
cg13590475	RPS12;SNORD100;SNORA33	0.0151983	0.00301121	0.105804	-9.45145	0.910516	0.939801	-1.06405	0.0574678	0.305269	-3.2758	0.747275	1.19548	1.19548	0.00154439	0.0808687	-12.3657	0.136811	0.412676	-2.42321	0.0273137	0.236419	-4.22978	0.347044	0.585828	-1.70699	0.0546383	0.300026	-3.33304	5.15823	24.915	4.29347	1
cg04375784	RPS12;SNORD100;SNORA33	0.0185126	0.00259369	0.183681	-5.44423	0.0631051	2.33664	2.33664	0.929953	1.03634	1.03634	0.530049	1.29468	1.29468	0.00786702	0.250467	-3.99254	0.172162	0.554318	-1.80402	0.122904	0.507324	-1.97113	0.755761	0.881015	-1.13505	0.0867682	0.46394	-2.15545	4.82925	12.6073	2.32055	1
cg15108334	RPS12;SNORD100;SNORA33	0.0186826	0.00122819	0.182095	-5.49163	0.14915	0.572737	-1.746	0.271271	0.661904	-1.51079	0.179872	0.598592	-1.67059	0.00485509	0.260397	-3.84029	0.0550384	0.45668	-2.18972	0.0902087	0.510316	-1.95957	0.0295564	0.397296	-2.51702	0.0399145	0.425003	-2.35293	4.81438	9.89732	1.82736	1
cg00924459	RPS12;SNORD100;SNORA33	0.0264329	0.0856827	0.399545	-2.50284	0.0747066	0.383336	-2.60868	0.075001	0.383791	-2.60559	0.176738	0.499802	-2.00079	0.000808497	0.087094	-11.4818	0.669341	0.812626	-1.23058	0.0592441	0.35751	-2.79713	0.0687991	0.373941	-2.67422	0.0491005	0.337925	-2.95923	4.27333	15.7876	3.28394	1
cg02425709	RPS12;SNORD101	0.000498764	0.435132	0.918048	-1.08927	0.000218845	0.515983	-1.93805	0.994863	1.00069	1.00069	0.00850661	0.697244	-1.43422	0.0252554	0.751495	-1.33068	0.000229991	0.518475	-1.92873	0.000198046	0.510973	-1.95705	0.335159	1.11263	1.11263	0.118951	1.19928	1.19928	14.3003	2.61159	0.162333	1
cg20624009	RPS12;SNORD101	0.000932882	0.0107177	0.620299	-1.61213	0.0389832	1.42738	1.42738	0.000494235	0.443882	-2.25285	0.000524714	0.447182	-2.23623	0.0102719	0.617748	-1.61878	0.37859	0.874136	-1.14399	0.000499566	0.444473	-2.24986	0.0351337	0.693867	-1.4412	0.820334	1.03446	1.03446	12.0004	4.21443	0.312171	1
cg09585247	RPS12;SNORD101	0.00181226	0.00901202	0.557799	-1.79276	0.000289144	2.96269	2.96269	0.0308082	0.64403	-1.55272	0.00828178	0.552051	-1.81143	0.657901	1.07836	1.07836	0.701174	1.06743	1.06743	0.909921	0.98104	-1.01933	0.645362	0.924543	-1.08161	0.00459594	1.95123	1.95123	11.8667	5.26247	0.344919	1
cg23932593	RPS12;SNORD101	0.00631176	0.763535	1.06581	1.06581	0.327932	1.23776	1.23776	0.873598	0.96693	-1.0342	0.0139648	1.89893	1.89893	0.1776	1.35343	1.35343	0.303699	1.25234	1.25234	0.000231183	0.274966	-3.63681	0.317561	0.803942	-1.24387	0.852829	0.961533	-1.04001	6.83132	4.82723	0.628118	1
cg05694382	RPS12;SNORD101	0.0135921	0.428843	1.07319	1.07319	0.129384	1.15407	1.15407	0.0942969	1.17451	1.17451	0.70917	1.03331	1.03331	0.571571	1.05127	1.05127	0.539441	0.947117	-1.05584	0.0027112	0.696126	-1.43652	0.242362	0.898525	-1.11294	0.00394582	1.40369	1.40369	5.35158	0.648187	0.107663	1
cg12855988	RPS12;SNORD101	0.016018	0.030239	0.57713	-1.73271	0.00414128	0.436329	-2.29185	0.16364	0.725628	-1.37812	0.325585	1.24482	1.24482	0.230773	1.31157	1.31157	0.0620087	1.57358	1.57358	0.026173	1.7668	1.7668	0.265047	0.778332	-1.2848	0.921726	0.979019	-1.02143	5.06909	3.73691	0.655285	1
cg02260481	RPS12;SNORD101	0.0286891	0.484268	1.20298	1.20298	0.894703	1.03503	1.03503	0.662648	0.892143	-1.1209	0.528512	0.847031	-1.18059	0.000754955	0.264983	-3.77383	0.188223	0.69593	-1.43693	0.656981	1.12322	1.12322	0.419638	1.2391	1.2391	0.0534578	0.565357	-1.76879	4.15202	4.44494	0.951599	1
cg14009749	RPS13	0.0038667	0.931884	0.993398	-1.00665	0.144885	1.12899	1.12899	0.0103532	1.28434	1.28434	0.1687	0.892579	-1.12035	0.00118961	0.691973	-1.44514	0.507198	1.05352	1.05352	0.0420111	1.19909	1.19909	0.00503846	1.33299	1.33299	0.0314163	1.21601	1.21601	7.93305	0.754364	0.0845256	1
cg19395798	RPS13	0.00492502	0.161277	0.689306	-1.45073	0.00582553	0.407374	-2.45475	0.00676798	0.417713	-2.39399	0.0424535	0.559266	-1.78806	0.000341068	0.238158	-4.1989	0.0362796	0.545842	-1.83203	0.437499	0.821212	-1.21771	0.336254	1.27965	1.27965	0.0147241	0.473964	-2.10986	7.37251	7.22211	0.870756	1
cg17955093	RPS13	0.0076152	0.005396	0.13077	-7.64699	0.00131692	0.0745608	-13.4119	0.123155	0.395496	-2.52847	0.0353013	0.256274	-3.90207	0.0041234	0.118041	-8.47166	0.0182154	0.203499	-4.91404	0.00690244	0.143384	-6.97428	0.0770738	0.335605	-2.97969	0.022554	0.219339	-4.55916	6.44315	31.4788	4.34278	1
cg10725768	RPS13	0.0121145	0.00239037	0.17142	-5.83362	0.00960462	0.255098	-3.92007	0.530807	0.767546	-1.30285	0.294058	0.635409	-1.57379	0.00777707	0.240741	-4.15384	0.0389295	0.369323	-2.70765	0.0184984	0.304112	-3.28826	0.708253	0.855018	-1.16957	0.00600035	0.223965	-4.46499	5.55635	15.2789	2.44428	1
cg14119616	RPS13	0.0272506	0.295924	1.09193	1.09193	0.156278	1.13095	1.13095	0.703998	0.969502	-1.03146	0.573769	1.0472	1.0472	0.388603	1.07433	1.07433	0.690372	0.968032	-1.03302	0.00154129	0.690982	-1.44721	0.104857	1.15467	1.15467	0.0818718	1.16934	1.16934	4.22793	0.44087	0.0926895	1
cg11154838	RPS13	0.0299288	0.124735	1.81815	1.81815	0.0721591	2.07573	2.07573	0.0768859	2.04399	2.04399	0.0244447	0.367587	-2.72044	0.836668	1.07483	1.07483	0.0205334	2.84723	2.84723	0.145938	1.75022	1.75022	0.0392331	0.414637	-2.41175	0.156721	1.72011	1.72011	5.12234	9.43113	1.22745	1
cg06384055	RPS13	0.0335538	0.951036	1.0072	1.0072	0.829667	0.975136	-1.0255	0.0089208	1.47525	1.47525	0.321519	0.88719	-1.12715	0.0124715	1.43811	1.43811	0.0962337	0.807777	-1.23797	0.0891949	0.80328	-1.2449	0.415441	1.10217	1.10217	0.296302	1.13492	1.13492	3.92648	0.849389	0.192287	1
cg26965832	RPS13	0.0453492	0.0683746	0.730054	-1.36976	0.559494	0.91302	-1.09527	0.794315	0.960513	-1.04111	0.709909	0.944013	-1.05931	0.129433	1.2874	1.2874	0.0309649	0.676663	-1.47784	0.0445543	1.42715	1.42715	0.125833	0.7746	-1.29099	0.0261281	0.665675	-1.50224	3.51533	1.32374	0.334722	1
cg21158896	RPS13;RPS13	0.0313194	0.716933	1.13537	1.13537	0.010986	3.04235	3.04235	0.713471	1.13723	1.13723	0.143141	0.577715	-1.73096	0.292009	0.683028	-1.46407	0.00594911	0.285328	-3.50474	0.843586	0.933437	-1.07131	0.119441	1.80249	1.80249	0.421937	1.33115	1.33115	4.02468	7.74991	1.71164	1
cg09848727	RPS14;RPS14;RPS14	5.33E-07	5.78E-09	0.041536	-24.0755	0.01586	1.46019	1.46019	0.429445	1.10888	1.10888	0.0771696	0.777419	-1.28631	0.0230562	0.705945	-1.41654	0.00489016	0.620088	-1.61267	9.96E-06	0.296568	-3.37191	0.000493628	0.497092	-2.0117	0.0611385	0.763099	-1.31045	86.0645	22.3775	0.231119	1
cg05207253	RPS14;RPS14;RPS14	0.000300307	0.0113936	0.763161	-1.31034	0.00209313	0.69113	-1.44691	0.00168368	1.46686	1.46686	0.00116479	0.665711	-1.50215	0.0453608	0.822099	-1.2164	0.0019768	0.688665	-1.45209	0.0397988	0.816418	-1.22486	4.85E-05	0.520921	-1.91968	0.366003	0.923802	-1.08248	16.4455	1.8968	0.102523	1
cg08369580	RPS14;RPS14;RPS14	0.000491492	0.977075	1.00622	1.00622	0.669513	0.911539	-1.09705	0.522529	0.869524	-1.15005	7.32E-06	8.43649	8.43649	0.0997208	1.47578	1.47578	0.0992246	0.677149	-1.47678	0.052084	0.62084	-1.61072	0.146394	1.39978	1.39978	0.153887	1.39003	1.39003	14.3587	10.5827	0.655134	1
cg04081324	RPS14;RPS14;RPS14	0.00158888	0.00162313	2.51377	2.51377	0.149309	1.3506	1.3506	0.00308922	2.2699	2.2699	0.227421	1.27823	1.27823	?	?	?	0.00577773	2.06811	2.06811	?	?	?	0.00148032	0.391813	-2.55224	0.724695	1.0704	1.0704	12.9583	5.77784	0.445878	1
cg10190808	RPS14;RPS14;RPS14	0.00374094	0.998845	1.00023	1.00023	0.0512531	1.41536	1.41536	0.694532	0.940101	-1.06372	0.0025016	0.518266	-1.92951	0.0463017	0.699594	-1.4294	0.51191	0.901131	-1.10972	0.000223517	0.382375	-2.61524	0.329391	1.17062	1.17062	0.266174	0.834168	-1.1988	8.01229	3.10801	0.344804	1
cg05153820	RPS14;RPS14;RPS14	0.0167727	0.00057146	0.470741	-2.12431	0.986575	0.997626	-1.00238	0.771629	0.959725	-1.04196	0.0824534	1.31221	1.31221	0.291042	0.856618	-1.16738	0.771221	0.959652	-1.04204	0.0311691	0.699622	-1.42934	0.452076	0.897436	-1.11428	0.422241	1.12277	1.12277	4.99189	1.57741	0.280884	1
cg11705881	RPS14;RPS14;RPS14	0.0446333	0.00135316	0.0572457	-17.4685	0.713785	0.797379	-1.25411	0.450829	1.60358	1.60358	0.198273	0.433565	-2.30646	0.753652	1.2135	1.2135	0.188471	0.424654	-2.35486	0.320177	1.8802	1.8802	0.685074	1.28481	1.28481	0.466608	1.57673	1.57673	3.53634	21.1598	5.3187	1
cg23365666	RPS14;RPS14;RPS14;RPS14;RPS14	5.39E-05	0.0207325	0.820634	-1.21857	0.455623	1.05542	1.05542	0.0436969	0.84823	-1.17893	1.14E-05	0.516083	-1.93767	0.344473	1.07157	1.07157	0.131012	1.12272	1.12272	3.79E-05	1.75321	1.75321	0.000458462	1.47943	1.47943	0.234163	0.915271	-1.09257	26.1024	2.0833	0.0709445	1
cg03724628	RPS15	0.00181798	0.00103479	0.336058	-2.97568	0.0278351	0.558033	-1.79201	0.250634	0.763863	-1.30914	0.136238	0.697503	-1.43369	0.00405838	0.420737	-2.37678	0.84101	1.0461	1.0461	0.00108397	0.338784	-2.95173	0.000949082	0.331009	-3.02106	0.00099822	0.333952	-2.99444	9.91315	7.90558	0.708875	1
cg08512928	RPS15	0.00394458	0.237175	0.673508	-1.48476	0.790535	0.918544	-1.08868	0.403783	0.761345	-1.31347	0.216831	1.51399	1.51399	0.89405	0.958364	-1.04345	0.714585	0.889384	-1.12437	7.29E-05	0.0999301	-10.007	0.00960604	0.351215	-2.84726	0.0741971	0.529941	-1.887	7.88557	12.7219	1.43405	1
cg13266292	RPS15	0.00396033	0.503616	1.15195	1.15195	0.0140573	0.531585	-1.88117	0.323741	1.23667	1.23667	0.0104963	1.95666	1.95666	0.0245515	0.572236	-1.74753	0.46563	1.16737	1.16737	0.00324253	0.433088	-2.309	0.00312881	0.430819	-2.32116	0.261475	1.27643	1.27643	7.87611	5.41868	0.611546	1
cg19716018	RPS15	0.00458695	0.0263158	0.367984	-2.71751	0.0143951	3.14119	3.14119	0.0647246	2.19725	2.19725	0.0159217	3.06531	3.06531	0.960314	1.01906	1.01906	0.938443	0.971119	-1.02974	0.00351335	0.222673	-4.49089	0.00644338	0.260709	-3.83569	0.498378	0.770436	-1.29797	7.53382	17.1787	2.02686	1
cg08595563	RPS15	0.0191156	0.241704	0.759706	-1.3163	0.611382	1.12178	1.12178	0.284742	1.283	1.283	0.779192	1.06507	1.06507	0.00389792	0.418309	-2.39057	0.00268366	0.39433	-2.53595	0.0602903	0.621773	-1.6083	0.630276	1.1149	1.1149	0.148541	0.706437	-1.41555	4.77725	3.80545	0.708069	1
cg15059508	RPS15	0.0268551	0.329979	0.899533	-1.11169	0.570783	0.941444	-1.0622	0.394996	1.0961	1.0961	0.127607	0.840706	-1.18948	0.999923	0.99999	-1.00001	0.440177	0.920432	-1.08645	0.0042468	0.668282	-1.49638	0.624854	1.05328	1.05328	0.0065167	1.45116	1.45116	4.24967	0.746625	0.156169	1
cg19919828	RPS15	0.0405863	0.148304	5.21166	5.21166	?	?	?	0.0737459	0.108278	-9.23546	0.0311918	20.2189	20.2189	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	7.49096	33.2319	5.91502	1
cg24492022	RPS15A;RPS15A	1.54E-05	0.00321523	1.246	1.246	0.00385844	0.808198	-1.23732	0.0098852	1.19518	1.19518	0.0052341	1.2232	1.2232	0.000140792	0.6981	-1.43246	3.48E-05	1.54915	1.54915	1.93E-05	1.6074	1.6074	0.0111102	0.840183	-1.19022	6.92E-05	1.48838	1.48838	36.2574	1.718	0.0421187	1
cg00399591	RPS15A;RPS15A	6.94E-05	0.00825856	2.08877	2.08877	0.0280096	1.76125	1.76125	0.000993948	2.90531	2.90531	0.144615	1.40732	1.40732	2.55E-05	0.161843	-6.17881	0.0257823	1.78129	1.78129	2.91E-05	5.97963	5.97963	0.0071095	2.13455	2.13455	0.0081835	2.09152	2.09152	24.4044	18.3793	0.669435	1
cg03624899	RPS15A;RPS15A	0.000262691	0.0250379	1.56994	1.56994	0.0124797	1.69197	1.69197	0.0448187	1.47644	1.47644	0.110149	1.34257	1.34257	0.00114068	0.445114	-2.24661	0.0019416	2.09956	2.09956	2.27E-05	4.2012	4.2012	0.00256797	2.02862	2.02862	0.0242815	1.57506	1.57506	17.0581	7.73308	0.402968	1
cg26593997	RPS15A;RPS15A	0.0130235	0.0641784	0.755125	-1.32428	0.442155	1.11163	1.11163	0.76416	0.960183	-1.04147	0.331512	0.873459	-1.14487	0.0557968	0.746305	-1.33993	0.0484516	1.35589	1.35589	0.00457385	0.600583	-1.66505	0.0407092	1.37583	1.37583	0.0381772	1.38327	1.38327	5.42695	1.56735	0.256718	1
cg01527529	RPS15A;RPS15A;RPS15A;RPS15A	0.0376934	0.768954	1.03273	1.03273	0.137182	1.19127	1.19127	0.436256	0.916834	-1.09071	0.651707	0.951538	-1.05093	0.036593	1.30414	1.30414	0.620999	1.056	1.056	0.0115631	0.708074	-1.41228	0.0324782	0.760588	-1.31477	0.12369	1.19995	1.19995	3.76427	0.712508	0.168251	1
cg21024145	RPS15A;RPS15A;RPS15A;RPS15A	0.0409621	0.503428	1.07438	1.07438	0.0338489	1.29921	1.29921	0.1254	0.83926	-1.19153	0.0100831	1.40921	1.40921	0.233836	1.14096	1.14096	0.185264	1.16	1.16	0.0886597	0.820021	-1.21948	0.369998	0.907314	-1.10215	0.183622	1.16073	1.16073	3.65098	0.645449	0.157145	1
cg03052510	RPS15AP10;GPBP1L1	0.00484662	0.0678503	0.726894	-1.37572	0.870192	1.02583	1.02583	0.0119941	0.613383	-1.6303	0.021467	1.53857	1.53857	0.027867	0.666772	-1.49976	0.000618176	0.439622	-2.27468	0.544551	0.908786	-1.10037	0.453092	1.12659	1.12659	0.017164	0.635758	-1.57292	7.40866	2.85385	0.342404	1
cg14195823	RPS16	0.00528181	0.183021	0.907082	-1.10244	0.497215	0.95354	-1.04872	0.00741146	1.26883	1.26883	0.393905	0.941504	-1.06213	0.100654	0.883275	-1.13215	0.32991	0.932955	-1.07186	0.00792639	0.790555	-1.26493	0.00168175	1.36334	1.36334	0.0789215	1.14415	1.14415	7.21658	0.544517	0.0670698	1
cg20641794	RPS16	0.00781111	0.0230899	0.525146	-1.90423	0.0523376	1.68733	1.68733	0.523201	0.857793	-1.16578	0.0765026	1.59542	1.59542	0.00728955	0.440253	-2.27142	0.0411521	0.572041	-1.74813	0.00183593	0.350244	-2.85515	0.320758	0.784105	-1.27534	0.241116	0.74758	-1.33765	6.39199	5.68978	0.791238	1
cg02296992	RPS16	0.0151303	0.303201	0.831386	-1.20281	0.163603	1.2936	1.2936	0.0925224	1.3779	1.3779	0.904963	1.0209	1.0209	0.753268	0.946863	-1.05612	0.00920474	0.564105	-1.77272	0.00106398	0.432697	-2.31109	0.99611	1.00084	1.00084	0.879183	1.02669	1.02669	5.16589	2.45302	0.422088	1
cg11628034	RPS16	0.0170469	0.151584	0.863208	-1.15847	0.390982	1.08779	1.08779	0.0686867	1.21542	1.21542	0.723655	1.03457	1.03457	0.510992	0.938164	-1.06591	0.000710319	1.63846	1.63846	0.605185	1.0512	1.0512	0.298766	0.902024	-1.10862	0.0425027	1.25063	1.25063	4.96491	0.720786	0.129045	1
cg10127463	RPS16	0.0292131	?	?	?	?	?	?	0.970665	0.976455	-1.02411	0.11416	0.323644	-3.08981	0.00421538	0.0739721	-13.5186	?	?	?	?	?	?	?	?	?	0.597532	1.41297	1.41297	5.18361	14.9956	5.06256	1
cg13481590	RPS16	0.0367016	0.040153	1.61411	1.61411	0.135395	1.38397	1.38397	0.0544628	1.55358	1.55358	0.024952	0.583498	-1.7138	0.0110965	1.90211	1.90211	0.162032	1.35182	1.35182	0.336377	1.22158	1.22158	0.812101	0.953055	-1.04926	0.399553	1.19021	1.19021	3.80106	2.45423	0.573929	1
cg10399946	RPS18	2.92E-07	2.61E-08	0.112882	-8.85881	3.04E-07	0.203014	-4.92576	0.727179	1.03795	1.03795	2.66E-05	0.413463	-2.41859	1.29E-05	0.377482	-2.64913	1.71E-05	0.391387	-2.55502	2.47E-05	0.409788	-2.44029	2.68E-05	0.413896	-2.41606	2.68E-07	0.197893	-5.05325	100.316	17.9698	0.159229	1
cg09591519	RPS18	5.36E-05	1.17E-06	0.0703341	-14.2179	0.0303461	0.584715	-1.71024	0.0588191	0.637697	-1.56814	0.200165	0.751803	-1.33014	0.122096	0.702411	-1.42367	0.800212	0.947946	-1.05491	0.0825328	0.666726	-1.49987	0.0615214	0.641462	-1.55894	1.64E-05	0.154206	-6.48485	26.1408	18.3981	0.625609	1
cg05560494	RPS18	0.00274366	5.41E-05	0.361415	-2.7669	0.0360712	0.719144	-1.39054	0.250681	0.850169	-1.17624	0.71099	0.950914	-1.05162	0.0281662	0.704297	-1.41986	0.659132	0.941733	-1.06187	0.919308	1.0138	1.0138	0.126298	0.799569	-1.25067	0.00371015	0.588493	-1.69926	8.78764	2.54533	0.257465	1
cg06694180	RPS18	0.00301528	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08090835	RPS18	0.00503885	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25636481	RPS18	0.00527137	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07556599	RPS18	0.00715267	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12583553	RPS18	0.00808772	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08014182	RPS18	0.0101513	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15484808	RPS18	0.0170374	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg27182159	RPS18	0.0381195	0.0104819
cg05216888	RPS18;VPS52	0.00247672	0.0920426
cg11275803	RPS18;VPS52	0.00265146	0.208647
cg07940585	RPS19	2.75E-05	0.000165681
cg23029715	RPS19	0.00635192	0.151302
cg03477476	RPS19	0.00653652	0.903938
cg06918770	RPS19	0.0162912	0.0235485
cg11867012	RPS19	0.0179912	0.386104
cg18497280	RPS19	0.0181851	0.000646552
cg26905327	RPS19	0.0196162	0.573634
cg22535970	RPS19	0.0448152	0.220884
cg07335405	RPS19BP1	0.002195	0.00456758
cg15437612	RPS19BP1	0.0246793	0.0611106
cg09561280	RPS19BP1	0.0264328	0.552853
cg12890467	RPS19BP1	0.0427601	0.984578
cg25556101	RPS19BP1;RPS19BP1	0.00750592	0.456232
cg23202913	RPS20;RPS20	0.0269178	0.0434553
cg08554417	RPS21	9.00E-05	0.00882406
cg11491770	RPS21	0.00987945	0.482998
cg01805270	RPS23	0.00101514	0.00132491
cg27310251	RPS23	0.00130967	0.0309681
cg08459430	RPS23	0.00284917	0.544142
cg21483461	RPS23	0.00635844	0.047502
cg03785828	RPS23	0.00677491	0.00404808
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cg05002974	RPS23	0.0346149	0.76376
cg07833035	RPS23	0.0381126	0.0320824
cg12583199	RPS24	0.00115478	0.00255146
cg18400808	RPS24	0.0312447	0.152877
cg07185287	RPS24;RPS24;RPS24;RPS24;RPS24;RPS24	0.00292704	0.00070531
cg05730301	RPS24;RPS24;RPS24;RPS24;RPS24;RPS24	0.0428755	0.751043
cg06425430	RPS25;TRAPPC4	4.27E-06	8.20E-08
cg03890344	RPS25;TRAPPC4	0.00259974	0.477279
cg22012333	RPS25;TRAPPC4;RPS25	0.0160889	0.320418
cg22027947	RPS26	0.00117661	0.0989972
cg08627212	RPS26	0.00143213	0.559359
cg15921515	RPS26	0.00464564	0.107386
cg07515662	RPS26;RPS26	0.0189864	0.728791
cg25391673	RPS27	0.00103825	0.0520891
cg24107338	RPS27	0.01037	0.495776
cg23970856	RPS27A;C2orf63;C2orf63;RPS27A;C2orf63	0.0069138	0.0565705
cg04530116	RPS27A;C2orf63;RPS27A;C2orf63	0.00440475	0.202551
cg20856436	RPS27A;C2orf63;RPS27A;C2orf63	0.0221563	0.142486
cg16919615	RPS27A;C2orf63;RPS27A;RPS27A;C2orf63	0.0069708	0.000826436
cg14529080	RPS27A;C2orf63;RPS27A;RPS27A;C2orf63	0.0164403	0.00815302
cg23837188	RPS27L	0.00272201	0.371486
cg20854371	RPS27L	0.00942338	0.0917406
cg21271767	RPS27L	0.0157402	0.745926
cg01069804	RPS27L	0.0354	0.416253
cg19279045	RPS27L;RPS27L	0.00102472	0.153986
cg02900136	RPS29	1.59E-05	0.887505
cg16219535	RPS29;RPS29	0.00113104	0.0024356
cg14421288	RPS29;RPS29	0.00658503	0.0326892
cg11188516	RPS29;RPS29	0.00857298	0.00293796
cg02443089	RPS29;RPS29	0.0108317	0.0544168
cg00883854	RPS29;RPS29	0.0210605	0.380459
cg06319762	RPS2;RNF151	5.43E-05	0.482969
cg18279742	RPS2;RNF151	0.0347995	0.111218
cg12829142	RPS2P32	9.99E-05	0.407171
cg16204552	RPS2P32	0.00605239	0.343957
cg09424415	RPS2P32	0.0065028	0.281413
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cg26074723	RPS2P32	0.0160576	0.71814
cg05308293	RPS2P32	0.04349	0.00752057
cg13271206	RPS3	0.000351279	0.000217246
cg04941239	RPS3	0.00101536	0.20614
cg26039141	RPS3	0.00892169	0.000444255
cg24153132	RPS3;SNORD15A	0.0378778	0.220141
cg11440666	RPS3;SNORD15B	8.69E-06	0.000208536
cg12506582	RPS3;SNORD15B	0.000281282	0.000791615
cg24530510	RPS3;SNORD15B	0.00326559	0.0192409
cg17640879	RPS3;SNORD15B	0.0102762	0.0187444
cg02510453	RPS3A	2.77E-15	?
cg20644981	RPS3A	4.20E-05	0.000220696
cg06110802	RPS3A	0.000809427	0.230989
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cg19536713	RPS3A	0.0101927	0.655261
cg03771255	RPS3A	0.0257509	0.0551445
cg26325568	RPS3A	0.0347372	0.0142976
cg07963355	RPS3A;SNORD73A	0.00268526	0.000339776
cg11458650	RPS3A;SNORD73A	0.00314313	0.104899
cg17060416	RPS3A;SNORD73A	0.00612294	0.000973257
cg05052734	RPS3A;SNORD73A	0.0179846	0.0054207
cg27359082	RPS4X	0.000392699	0.304824
cg16730484	RPS4X	0.000766472	0.540065
cg20551211	RPS4X	0.00245254	0.361631
cg20207784	RPS4X	0.0252433	0.00322476
cg25443613	RPS4Y1	0.00275079	0.404831
cg01943289	RPS4Y2	0.000111622	0.016451
cg06322277	RPS4Y2	0.040837	0.356941
cg22920418	RPS5	1.01E-05	8.93E-07
cg14300863	RPS5	7.80E-05	1.45E-05
cg01623256	RPS5	0.000279498	0.0222167
cg13719843	RPS5	0.00191313	0.00412685
cg11701312	RPS5	0.011046	0.025382
cg10402626	RPS5	0.0359953	0.224456
cg14014731	RPS6	0.00245891	0.000391737
cg02942159	RPS6	0.00431184	0.612183
cg01331992	RPS6	0.00955296	0.0141466
cg16925486	RPS6	0.0104624	0.550474
cg00242597	RPS6	0.0121015	0.0119357
cg19259146	RPS6KA1	0.000490796	0.922432
cg02450742	RPS6KA1	0.00237681	0.00491992
cg01031251	RPS6KA1	0.0224694	0.723745
cg08034986	RPS6KA1	0.0304076	0.0112783
cg26515186	RPS6KA1	0.0321398	0.323156
cg22512670	RPS6KA1	0.0377808	0.0152858
cg09900893	RPS6KA1	0.0493017	0.262096
cg01905589	RPS6KA1;RPS6KA1	0.000402631	0.407557
cg20774312	RPS6KA2	2.32E-06	0.0180216
cg20515377	RPS6KA2	8.17E-06	9.23E-06
cg12539053	RPS6KA2	0.000121627	0.0886713
cg02118390	RPS6KA2	0.000305165	0.667281
cg27626620	RPS6KA2	0.000391907	0.000176987
cg07252846	RPS6KA2	0.000593191	0.0377175
cg02655824	RPS6KA2	0.000903563	0.195191
cg19851574	RPS6KA2	0.00120305	0.57621
cg04040935	RPS6KA2	0.00177889	0.0896681
cg02049017	RPS6KA2	0.00208865	0.0726585
cg20391833	RPS6KA2	0.00464781	0.622802
cg13351061	RPS6KA2	0.0048551	0.367322
cg03329755	RPS6KA2	0.00547598	0.741513
cg05573767	RPS6KA2	0.00595645	0.00557869
cg08694723	RPS6KA2	0.00772053	0.23551
cg13217373	RPS6KA2	0.00798839	0.0522803
cg25296804	RPS6KA2	0.0086089	0.0626551
cg03120116	RPS6KA2	0.009115	0.0148939
cg15592062	RPS6KA2	0.0104157	0.165886
cg06738379	RPS6KA2	0.0150735	0.580324
cg11454936	RPS6KA2	0.0164177	0.00451062
cg14839257	RPS6KA2	0.0175087	0.241276
cg25512188	RPS6KA2	0.0205032	0.0191552
cg19720135	RPS6KA2	0.0210977	0.195448
cg16490823	RPS6KA2	0.0277133	0.474492
cg15090899	RPS6KA2	0.0277824	0.380069
cg18495191	RPS6KA2	0.0291521	0.0128184
cg06960700	RPS6KA2	0.0295934	0.0137524

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	fold-Change(1 vs. N)	p-value(1047 vs. N)	fold-Change(1 047 vs. N)	p-value(105 N)	fold-Change(105 vs. N)	p-value(111 057 vs. N)	fold-Change(111 vs. N)	p-value(112 117 vs. N)	fold-Change(112 117 vs. N)	p-value(112 127 vs. N)	fold-Change(112 127 vs. N)	p-value(121 N)	fold-Change(121 N)	p-value(121 N)	fold-Change(121 2T vs. N)
cg06543165	RPS6KA2	0.029678	1.003224	0.487459	1.025145	0.212659	1.29455	0.13645	1.06450388	1.44971	1.449071	0.157523	1.763173	0.13102	1.04272209	0.65893	1.153761
cg01804233	RPS6KA2	0.0313414	1.115706	0.758759	-1.31794	0.00254705	1.96586	1.96586	1.12464	1.30789	1.307889	0.850985	1.03083	1.03083	1.06834	0.476046	0.889683	1.124
cg12285194	RPS6KA2	0.0150127	1.012844	0.145005	-6.89631	0.159648	0.38839	-2.57473	1.010069	0.325522	-3.07199	0.208133	0.433771	-2.30537	0.01299339	0.143712	-6.95836
cg03069112	RPS6KA2	0.0159462	0.947594	0.437438	-2.28604	0.291505	0.67674	-1.49859	0.92586222	0.380382	-2.62603	0.63363	0.890264	-1.19152	0.00153927	0.186929	0.27412
cg18561247	RPS6KA2	0.0437817	0.069374	0.248323	-4.02702	0.3126675	0.176788	-5.65665	0.285612	0.467441	-2.19331	0.873921	0.896826	-1.11504	0.00638079	0.08774075	-11.3972
cg09987129	RPS6KA2	0.0461054	1.585602	1.12128	1.12128	0.526669	1.14272	1.14272	0.182422	0.745112	-1.34208	0.700311	1.08374	0.058065	0.640562	-1.56113	0.884225
cg17508039	RPS6KA2,RPS6KA2	8.19E-05	0.472772	1.12589	1.12589	0.000626626	0.425773	-2.34867	0.000159137	0.350593	-2.85231	0.007681839	0.573364	-1.74409	1.29E-05	0.225837	-4.42798
cg12181382	RPS6KA2,RPS6KA2	0.000810779	0.009829704	2.11542	2.11542	0.000154449	2.51353	2.51353	0.000321277	0.49884	2.49884	0.0190937	1.52546	1.52546	0.0159881	1.5744	1.5744
cg06491415	RPS6KA2,RPS6KA2	0.000252294	0.067306	0.810234	-1.23421	0.0520058	1.25477	1.25477	0.000864244	0.156496	-1.67095	0.099194	1.830639	-1.20389	0.0511295	0.796095	-1.25613
cg22810059	RPS6KA2,RPS6KA2	0.000446925	0.288064	1.11417	1.11417	0.00608209	0.703926	-1.4206	0.0784778	1.211116	1.211116	0.00674628	0.708742	-1.41095	0.01189444	0.735121	-1.36032
cg22486699	RPS6KA2,RPS6KA2	0.004483734	0.788674	1.07872	1.07872	0.0210194	1.34343	1.34343	0.0039795	0.488134	1.284761	0.2075475	1.271292	1.27589	1.87E-05	0.313204	-1.57571
cg19296375	RPS6KA2,RPS6KA2	0.000520018	0.001005479	1.8835	1.8835	0.000528008	0.607047	-1.64732	0.287915	0.903101	-1.10738	0.484577	1.06787	1.06787	0.267827	1.11261	1.11261
cg04813466	RPS6KA2,RPS6KA2	0.00119182	0.805885	0.967914	-1.03331	0.1122955	1.15684	1.15684	0.012121	0.458801	-1.42917	0.2609222	1.3319	1.3319	0.2354525	1.19709	-1.19709
cg18775016	RPS6KA2,RPS6KA2	0.00130791	0.847524	0.977986	-1.02251	0.9140515	1.03859	1.03859	0.0559767	1.27813	1.27813	0.00555899	0.656254	-1.5238	4.55E-05	0.40998	-2.43914
cg00180909	RPS6KA2,RPS6KA2	0.0016805	0.303603	0.803864	-1.24399	0.000550155	0.32829	-3.04609	0.00152335	0.392496	-2.54779	0.155302	1.36559	1.36559	0.0491991	0.391561	-2.55388
cg20181209	RPS6KA2,RPS6KA2	0.002580424	0.244653	0.733272	-1.46781	0.953736	0.98328	-1.01644	0.653737	0.542842	-1.84216	0.016163209	0.281337	-3.55445	0.004487297	0.215211	-4.64657
cg09047474	RPS6KA2,RPS6KA2	0.00319732	0.001914164	0.574737	-1.73992	0.00169372	0.568218	-1.75989	0.0149671	0.685895	-1.45795	0.002215831	0.58114	-1.72076	0.001003156	0.540753	-1.84927
cg01988887	RPS6KA2,RPS6KA2	0.00352313	0.012165	0.559197	-1.8118	0.50031	0.878055	-1.13889	0.003585191	0.209738	2.09738	0.153528	1.33729	1.33729	0.000531112	0.35844	-2.78987
cg17707095	RPS6KA2,RPS6KA2	0.003776548	0.009865372	0.362793	-2.75641	0.178375	0.641089	-1.55985	0.000747868	0.203799	-4.90679	0.564919	0.835805	-1.23319	0.003570009	0.293071	-3.41214
cg23464284	RPS6KA2,RPS6KA2	0.00438919	0.884027	1.01676	1.01676	0.136867	1.20024	1.20024	0.0250563	0.738159	-1.35472	0.35734	0.897789	-1.11385	0.493187	0.923795	-1.08249
cg04130108	RPS6KA2,RPS6KA2	0.00444891	0.360789	0.673867	-1.48396	0.0302001	0.682182	-1.46545	0.0242615	0.811975	-1.23172	0.959195	0.97402	-1.02657	0.001072792	0.43071	-2.32157
cg04126611	RPS6KA2,RPS6KA2	0.00539496	0.983558	1.02053	1.02053	0.0318166	1.54649	1.54649	0.262351	0.816998	-1.22399	0.0193139	1.63287	1.63287	0.001772273	0.438279	-2.28165
cg11986980	RPS6KA2,RPS6KA2	0.00565646	0.001846335	0.540911	-1.83124	0.0102705	0.427307	-2.33707	0.00161559	0.598234	-1.67159	0.002590949	0.5916518	-1.69115	0.000845	0.490408	-2.03966
cg01108872	RPS6KA2,RPS6KA2	0.00649191	0.26653	0.838192	-1.19314	0.345818	0.862404	-1.15955	0.749178	0.952268	-1.05012	0.642243	1.07394	1.07394	0.011645091	1.58169	1.58169
cg09219547	RPS6KA2,RPS6KA2	0.00726299	0.650887	1.20052	1.20052	0.00394449	4.72013	4.72013	0.00578092	4.2506	4.2506	0.892926	1.05537	1.05537	0.072014	0.448939	-2.22748
cg12686477	RPS6KA2,RPS6KA2	0.0081166	0.55753	1.12123	1.12123	0.0378727	0.707418	-1.41367	0.0161568	0.861852	-1.16066	0.339662	1.384483	1.38483	0.154294	1.05815	1.05815
cg09521717	RPS6KA2,RPS6KA2	0.00857815	0.0589887	1.35756	1.35756	0.122658	0.786786	-1.27099	0.00355279	0.567578	-1.76187	0.684601	1.06028	1.06028	0.333728	0.868814	-1.15365
cg23261530	RPS6KA2,RPS6KA2	0.00861979	0.0193831	1.38024	1.38024	0.0400531	0.728326	-1.37275	0.00214414	0.393165	-2.54268	0.0778144	0.557356	-1.08067	0.077194	1.288441	1.28844
cg21387735	RPS6KA2,RPS6KA2	0.00960532	0.007146655	0.361083	-2.67394	0.138455	0.217822	-4.59091	0.0232542	0.07498226	-13.3525	0.977187	1.03511	1.03511	0.053487	0.685	-1.45918
cg20361909	RPS6KA2,RPS6KA2	0.01181152	0.0868811	0.69873	-1.43117	0.0250906	1.65732	1.65732	0.18145	1.30861	1.30861	0.311798	1.20905	1.20905	0.006533116	0.511697	-1.95428
cg02135488	RPS6KA2,RPS6KA2	0.01202729	0.0185583	1.24807	1.24807	0.00209009	2.1353	2.1353	0.0162509	2.32001	2.32001	0.0842462	1.689705	2.00621	0.001077284	0.16416	6.09307
cg03849851	RPS6KA2,RPS6KA2	0.01341188	0.0186938	0.462608	-2.1624	0.594426	0.843778	-1.18515	0.00199029	0.251572	-3.975	0.0328905	0.454399	-2.20071	0.057579914	1.867651	1.86765
cg23484614	RPS6KA2,RPS6KA2	0.01423915	0.302395	1.24807	1.24807	0.00209009	1.933436	1.933436	0.0250509	0.744205	-1.34298	0.0248359	0.717705	-1.39356	0.047334	0.676007	-1.47919
cg08770734	RPS6KA2,RPS6KA2	0.01518123	0.310447	1.15048	1.15048	0.0353282	0.720831	-1.38729	0.609553	0.933516	-1.07122	0.914937	0.985831	-1.01437	0.244265	1.17669	1.17669
cg08480566	RPS6KA2,RPS6KA2	0.01579118	0.367996	1.21761	1.21761	0.948315	0.986292	-1.0139	0.00644477	0.470312	-2.12625	0.923613	0.979786	-1.02063	0.001778375	0.388324	-2.57517
cg08183789	RPS6KA2,RPS6KA2	0.01607041	0.086689217	0.797751	-1.2539	0.0238234	1.326436	-1.1886	0.0334527	0.661186	1.51201	0.146532	1.641186	1.51201	0.0935641	0.708472	-1.41138
cg01056358	RPS6KA2,RPS6KA2	0.0201329	0.444952	1.52402	1.52402	0.9412297	0.960933	-1.04066	0.214687	2.02747	2.02747	0.0164541	0.20473	-4.88449	0.449715	0.659158	-1.51709
cg25320196	RPS6KA2,RPS6KA2	0.0202456	0.0604852	1.19024	1.19024	0.0438318	0.790949	-1.26464	0.0150949	0.516351	1.93924	0.0147342	1.93924	1.93924	0.0147342	0.516351	-1.93924
cg18758298	RPS6KA2,RPS6KA2	0.0229997	0.547663	0.75853	-1.31834	0.543092	1.32262	1.32262	0.223818	1.78693	1.78693	0.0070175	0.205276	-4.8715	0.913931	0.952077	-1.05033
cg00147925	RPS6KA2,RPS6KA2	0.0240926	0.518131	0.809468	-1.23538	0.4026388	0.758577	-1.31826	0.00815049	0.335338	-2.98207	0.826065	1.07604	1.07604	0.00102282	0.207877	-4.81054
cg06432970	RPS6KA2,RPS6KA2	0.0243762	0.213762	0.7	-1.42857	0.0944564	0.754966	-1.32479	0.0288853	0.5286	1.89225	0.0219113	1.5286	1.5286	0.0219113	0.65425	-1.5286
cg22776125	RPS6KA2,RPS6KA2	0.0258338	0.230035	0.865155	-1.15538	0.0149987	0.4091	1.4091	0.00186514	0.65898	1.65898	0.210117	0.859442	-1.16355	0.560431	1.06985	1.06985
cg08186384	RPS6KA2,RPS6KA2	0.0259757	0.291774	0.802857	-1.24587	0.0148841	0.554299	1.80419	0.0148841	0.554299	1.80419	0.0148841	0.554299	1.80419	0.0148841	0.554299	-1.80419
cg13906646	RPS6KA2,RPS6KA2	0.0268721	0.472494	0.831997	-1.20193	0.00104167	3.3935	3.3935	0.0835352	1.61949	1.61949	0.461094	1.20788	1.20788	0.0564482	1.7222	1.7222
cg18729910	RPS6KA2,RPS6KA2	0.0312654	0.57403	0.94155	1.05915	0.0319698	1.91052	1.91052	0.0554	1.38624	1.38624	0.0158488	0.697314	1.43405	0.0324282	0.83002	-1.20482
cg11599721	RPS6KA2,RPS6KA2	0.0319472	0.031804	1.32432	-1.30141	0.0540961	0.192678	-5.19	0.00746214	0.212345	-4.70937	0.723031	0.852089	-1.17359	0.027928924	0.310763	-3.21768
cg26017492	RPS6KA2,RPS6KA2	0.0337728	0.0155755	0.347962	-2.87388	0.785087	1.02017	1.02017	0.0260283	2.56038	2.56038	0.225321	0.635581	-1.57336	0.0632065	0.475383	-2.10357
cg01241721	RPS6KA2,RPS6KA2	0.0346827	0.0155317	0.319396	-3.13056	0.0505601	0.363467	-2.75128	0.00150509	0.23025	4.34228	0.0842457	0.704154	1.42005	0.0242454	0.43122	-2.31895
cg03790388	RPS6KA2,RPS6KA2	0.0379088	0.786214	0.913588	-1.09459	0.00144405	0.216394	-4.62119	0.962282	0.984403	-1.01584	0.262267	0.678022	-1.47488	0.172388572	0.617415	-1.61966
cg06760982	RPS6KA2,RPS6KA2	0.0394918	0.846454	1.06062	1.06062	0.384246	0.759915	-1.31583	0.71212	0.892335	-1.12078	0.335876	0.580785	-1.72181	0.676082	0.879738	-1.138
cg22209010	RPS6KA2,RPS6KA2	0.0402825	0.185867	1.15714	1.15714	0.0428805	1.42826	1.42826	0.0162005	0.662001	1.51056	0.0102236	0.599538	-1.66782	0.0115551	0.599538	-1.66782
cg05168655	RPS6KA2,RPS6KA2	0.041117	0.393015	0.80474	-1.24264	0.19892	0.753197	-1.40076	0.0725089	0.608044	-1.64462	0.152111	0.683256	-1.46358	0.704931	0.966314	1.03481
cg25391194	RPS6KA2,RPS6KA2	0.041838	0.563829	1.14987	1.14987	0.0276751	1.61823	1.61823	0.0861341	1.10236	1.10236	0.0148273	0.790429	1.26477	0.0440713	0.824967	-1.21227
cg02624984	RPS6KA2,RPS6KA2	0.0429549	0.339082	0.800697	-1.24891	0.432666	0.834749	-1.19797	0.226301	0.750822	-1.33187	0.560675	0.875717	-1.14192	0.000796859	0.319001	-3.13478
cg26781711	RPS6KA2,RPS6KA2	0.0430483	0.147083	1.05187	1.05187	0.294552	0.782227	-1.2784	0.114008	0.678648	-1.47352	0.535685	1.15238	1.15238	0.0202428	0.38202	-2.61774
cg15551096	RPS6KA2,RPS6KA2	0.0457067	0.0792264	0.474176	-2.10892	0.113504	1.93375	1.93375	0.0139075	0.214078	0.603321	-1.65749	0.158786	0.561704	-1.7803	0.0315568	0.2013311	-4.68711
cg27140389	RPS6KA2,RPS6KA2	0.0457715	0.0019694	0.609248	-1.64137	0.970547	0.995826	-1.00419	0.419246	0.910732	-1.09802	0.317777	0.889586	-1.12412	0.07303227	0.797294	-1.25424
cg21313980	RPS6KA2,RPS6KA2	0.0460267	0.0495163	1.33114	1.33114	0.0505601	0.363467	-2.75128	0.00150509	0.23025	4.34228	0.0842457	0.704154	1.42005	0.0242454	0.43122	-2.31895
cg05063670	RPS6KA2,RPS6KA2	0.0471507	0.328719	1.438	1.438	0.0247693	0.21679	-4.61979	0.157618	1.72373	1.72373	0.616347	1.19965	1.19965	0.39626	1.36758	1.36758
cg18410358	RPS6KA2,RPS6KA2	0.0481588	0.776496	0.95483	1.04742	0.0241125	1.61475	1.61475	0.0859866	1.38465	1.38465	0.159668	1.13971	1.13971	0.479784	0.844644	-1.18394
cg23954724	RPS6KA2,RPS6KA2	0.0496757	0.216857	0.874359	-1.1437	0.74573	0.969939	-1.03419	0.934484	1.00853	1.00853	0.815711	0.976165	-1.02442	0.622679	0.950044	-1.05258
cg26812362	RPS6KA2,RPS6KA2,RPS6KA2	0.0375956	0.291246	0.775897	-1.28883	0.36746	1.24042	1.24042	0.0525869	1.67006	1.67006	0.0155458	0.501288	-1.99486	0.0176353	0.961904	-1.0396
cg12456011	RPS6KA2,RPS6KA2	0.0542166	0.0648489	1.19195	1.19195	0.0484389	0.710547	-1.40757	0.0519	0.749165	1.33469	0.0807621	0.719195	1.39045	0.0488439	0.799155	-1.25111
cg18389510	RPS6KA2,RPS6KA2	0.0137868	0.498648	0.832785	-1.20079	0.0601353	0.56844	-1.7592	0.0245723	0.490015	-2.04075	0.00467177	0.367173	-2.72351	0.013896	0.645032	-1.24703
cg00438890	RPS6KA2,RPS6KA2	0.0170179	0.249518	0.790149	-1.26539	0.0285118	0.379659	-2.63357	0.0139888	0.332403	-3.00753	0.00338568	0.623769	-1.60316	0.0027219	0.587362	-1.70253
cg08812897	RPS6KA2,RPS6KA2	0.0445549	0.0972952	0.688533	-11.2914	0.987936	0.980061	-1.02035	0.352432	3.5777	3.5777	0.289306	4.32862	4.32862	0.612503	1.97472	1.97472
cg03717198	RPS6KA2,RPS6KA2	0.0486431	0.365728	0.746959	-1.33876	0.103454	0.571832	-1.74877	0.388619	0.757766	-1.31967	0.0613457	1.93823	1.93823	0.00572471	3.11825	3.11825
cg25770702	RPS6KA2,RPS6KA4#R1237;RPS6KA4	0.0536774	0.354733	0.814154	-1.22833	0.0520966	1.62434	1.62434	0.0226326	0.6068	1.6068	0.0481385	0.724378	1.38092	0.0179318	0.844357	1.18427
cg22788485	RPS6KA4,RPS6KA4,RPS6KA4	0.0484032	0.288797	1.61259	1.61259	0.0202412	0.5964	0.5964	0.0167948	0.54769	0.54769	0.362739	1.5007	1.5007	0.981159	1.0103	1.0103
cg04497005	RPS6KA4,RPS6KA4,RPS6KA4	0.0405963	0.616502	0.813134	-1.22955	0.0779586	0.762191	1.31201	0.0159982	0.884897	1.12989	0.884897	1.12989	0.884897	1.12989	0.884897	1.12989
cg07425105	RPS6KA4,RPS6KA4,RPS6KA4	0.0018109	0.434893	1.16495	1.16495	0.00319053	2.16327	2.16327	0.0535415	1.52224	1.52224	0.0216437	1.6963	1.6963	0.000578139	0.360451	-2.7743
cg27365485	RPS6KA4,RPS6KA4,RPS6KA4	0.0134101	0.301213	0.862646	-1.15922	0.0287204	1.42743	1.42743	0.057484	1.34493	1.34493	0.241407	0.844387	-1.18429	0.910917	0.01556	2.01556
cg26739268	RPS6KA4,RPS6KA4,RPS6KA4	0.0040604	0.352962	0.849867	-1.17715	0.0139474	0.707418	-1.41367	0.0164666	0.80851	1.08051	0.0933227	1.00145	1.00145	0.0174362	0.879768	-1.13645
cg21076823	RPS6KA4,RPS6KA4,RPS6KA4	0.0327877	0.406226	1.34478	1.34478	0.2033319	2.65149	2.65149	0.0354162	2.34886	2.34886	0.458705	1.30089	1.30089	0.420365	1.33244	1.33244
cg04618331	RPS6KA4,RPS6KA4,RPS6KA4	0.03685	0.021053	1.68145	1.68145	0.0205765	2.16151	2.16151	0.0539015	0.58315	0.58315	0.183568	0.93036	1.07506	0.0210248	0.58315	-1.71462
cg14689317	RPS6KA4,RPS6KA4,RPS6KA4	0.0454576	0.638112	0.79934	-1.25103	0.0568489	0.77031	1.27031	0.811376	0.893126	-1.11966	0.260979	0.574511	-1.74061	0.002547777	0.13817	-7.23745
cg15822049	RPS6KA4,RPS6KA4,RPS6KA4	0.0421251	0.377034	0.604936	-1.42972	0.0475588	0.930878	1.07435	0.326351	0.624473	1.60144	0.0512108	0.788816	-1.26772	0.029057116	0.257657	-3.88212
cg05572765	RPS6KA5,RPS6KA5,RPS6KA5	0.0573726	0.00223089	0.57298	-1.74538	0.00520966	0.615111	1.61511	3.99E-05	0.284151	2.84151	0.000122208	0.418306	2.39174	0.000129826	0.421274	-2.37375
cg25940315	RPS6KA5,RPS6KA5,RPS6KA5	0.000623938	7	?	0.6092301	0.472448	1.47248	0.04036	0.117669	1.17669	1.7669	?	?	4.38E-05	0.228721	-4.37214	
cg02094235	RPS6KA5,RPS6KA5,RPS6KA5	0.0031504	0.384338	1.12075	1.12075	0.0470586	0.872081	1.9005	0.0185799	0.799564	1.25068	0.164444	0.73451	1.36171	0.0778184	0.673455	-1.48496
cg08155963	RPS6KA5,RPS6KA5,RPS6KA5	0.0123535	0.95189	0.991974	-1.00809	0.00307376	0.582008	-1.71819	0.00910312	0.642386	-1.5567	0.882309	1.01998	1.01998	0.878501	1.02072	1.02072
cg21536621	RPS6KA5,RPS6KA5,RPS6KA5	0.0123621	0.961247	1.03996	1.03996	0.0128108	0.642312	1.55662	0.0134882	0.866692	-1.15383	0.866223	1.01595	1.01595	0.866223	1.01595	-1.01595
cg18683871	RPS6KA5,RPS6KA5,RPS6KA5	0.0274798	0.0231527	0.747669	-1.33752	0.0143579	0.5964	1.6764	0.0164666	0.68051	1.46951	0.0193227	1.00143	1.00143	0.0174362	0.879768	-1.13645
cg03923774	RPS6KB1,TUBD1,RPS6KB1	0.0150304	0.544186	1.06432	1.06432	0.00308181	1.50888	1.50888	0.00915768	1.39949	1.39949	0.0785303	0.82001	-1.2195	0.308905	1.11287	1.11287
cg21285388	RPS6KB2	0.0152959	0.961247	1.03996	1.03996	0.0128108	0.642312	1.55662	0.0134882	0.866692	-1.15383	0.866223	1.01595	1.01595	0.866223	1.01595	-1.01595
cg23479151	RPS6KB2	0.0028993	0.058566	0.800565	-1.24912	0.388239	0.91227	-1.09617	0.984992	1.00195	1.00195	0.0453896	0.787959	-1.2691	0.510493	0.933039	-1.07177
cg23479248	RPS6KB2	0.0030162	0.397551	1.1383	1.1383	0.0278297	0.23637	-4.23192	0.0011	0.10768	0.10768	0.06467	0.00845	1.00849	0.000812277	0.424283	-2.1147
cg20705230	RPS6KB2	0.0155007	0.560024	0.903399	-1.10669	0.458673	1.13878	1.13878	0.0124732	1.7897	1.7897	0.108697	0.000164014	0.330251	1.3E-05	0.389361	-2.5682
cg21012294	RPS6KB2	0.00506481	0.490127	0.838248	-1.19296	0.00432159	0.246037	-4.05998	0.998153	1.00058	1.00058	0.197454	1.49005	0.00182848	0.307007	-3.25659	
cg23735396	RPS6KB2	0.0039359	0.844843	0.962113	-1.03938	0.0178552	0.70531	-1.41818	0.0139	0.841188	1.03294	0.159629	0.743638	1.34474	0.0778355	0.900063	-1.11096
cg21299026	RPS6KB2	0.00635228	0.700841	1.05266	1.05266	0.0765243	1.29943	1.29943	0.0835961	1.28891	1.28891	0.224806	1.18471	1.18471	0.445562	1.10891	1.10891
cg26782803	RPS6KB2	0.0078282	0.104711	0.753203	-1.32775	0.0145844	0.615111	1.61511	3.99E-05	0.284151	2.84151	0.000122208	0.418306	2.39174	0.000129826	0.421274	-2.37375
cg14359259	RPS6KB2	0.0172059	0.023404	0.640153	-1.65521	0.0746252	1.71362	1.71362	0.634862	1.0931	1.0931	0.773414	0.947471	-1.05544	0.676071	0.69327	-1.44244
cg01554682	RPS6KB2	0.0484957	0.355429	1.29028	1.29028	0.397611	0.792779	-1.26139	0.0124236	0.434246	-2.30284	0.574284	1.16436	1.16436	0.525067	1.18847	1.18847
cg18905855	RPS6KB2,RPS6KB2	0.0180571	0.0155759	0.347962	-2.87388	0.785087	1.02017	1.02017	0.0260283	2.56038	2.56038	0.225321	0.635581	-1.57336	0.0632065	0.475383	-2.10357
cg05792827	RPS6KC1,RPS6KC1	0.00024878	0.316334	1.1218	1.1218	0.00978818	0.580456	-1.72278	0.951758	1.00673	1.00673	2.87E-05	0.401921	-2.48805	0.793073	1.0296	1.0296
cg23268618	RPS6KC1,RPS6KC1	0.00084418	0.001197357	0.546048	-1.83127	0.0139737	0.564424	1.77142	0.0014255	0.185196	5.3996	0.0013255	0.331213	3.01818	0.0013255	0.331213	-3.01818
cg13962681	RPS6KC1,RPS6KC1	0.00553194	0.00977311	0.618075	-1.61793	0.138919	1.26437	1.26437	0.0100334	0.61964	-1.61384	0.0622917	0.734151	-1.36212	0.780372	0.95967	-1.04202
cg14576824	RPS6KC1,RPS6KC1	0.0110578	0.0142038	0.133335	-7.4999	0.00570164	0.089958	-11.1862	0.0684945	0.257085	-3.88976	0.683101	1.3144	1.3144	0.0105899	0.117513	-8.50971
cg10578681	RPS6KC1,RPS6KC1	0.0093113	0.0170704	0.301414	-3.3177	0.0482069	0.394089	-2.5375	0.10049	0.476122	-2.1003	0.0907207	0.46364	-2.15684	0.007988444	0.246054	-4.06415
cg06566109	RPS6KC1,RPS6KC1	0.0489086	0.0170704	0.301414	-3.3177	0.0482069	0.394089	-2.5375	0.10049	0.476122	-2.1003	0.0907207	0.46364	-2.15684	0.007988444	0.246054	-4.06415
cg10331159	RPS6KL1	0.0246958	0.0192455	1.18165	1.18165	0.0329237	0.706379	-1.41563	0.0160769	0.801567	1.23046	0.0432899	0.798-05	1.25316	0.0432899	0.798-05	1.25316
cg16124934	RPS6KL1	0.00607113	0.0576467	0.61693	1.61693	0.203052	3.25316	3.25316	0.0500578	0.46866	3.37322	0.337322	0.0135649	2.8329	2.8329	0.0287147	1.78169
cg03394422	RPS6KL1	0.00771039	0.0950992	0.53527	-1.86822	0.00463297	0.488433	-2.04736	0.0952702	1.41718	1.41718	0.198101	1.29531	1.29531	0.0610456	0.669258	-1.49419
cg18615125	RPS6KL1	0.0186258	0.0156571	0.351065	-2.84888	0.0132527	0.5964	1.6764	0.0164666	0.68051	1.46951	0.0193227	1.00143	1.00143	0.0174362	0.879768	-1.13645
cg06987651	RPS6KL1	0.0224307	0.180861	1.70253	1.70253	0.0957281	1.98446	1.98446	0.0270493	4.72069	4.72069	0.0972518	3.4037	3.4037	0.0934499	1.99576	1.99576
cg26191576	RPS6KL1	0.0246219	0.0158698	0.337871	-2.96003	0.0137173	0.408098	-2.4498	0.0108152	0.3611	0.3611	0.039685	0.400431	0.400431	0.0394008	0.863249	-1.15807
cg03030875	RPS6KL1,RPS6KL1	0.0467359	0.565384	1.25755	1.25755	0.952511	0.976788	-1.02376	0.668958	1.18486	1.18486	0.81644	0.912384	-1.09603	0.109385	1.99048	1.99048
cg26583474	RPS7	0.000258885	4.86E-05	0.083767	-11.9379	0.00100222	0.204838	4.88191	0.910984	0.643974

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25304681	RPTN	6.51E-05	9.48E-06	0.103249	-9.6853	8.29E-05	0.185389	-5.39407	0.000939594	0.309316	-3.23294	0.000657385	0.289064	-3.45945	0.013198	2.07615	2.07615	0.00224101	0.361496	-2.76628	0.241955	0.747363	-1.33804	0.000261975	0.240082	-4.16525	0.00316844	0.383454	-2.60787	24.8286	22.2316	0.795914	1
cg00097968	RPTN	0.000219728	4.29E-05	0.206354	-4.84604	0.000228821	0.288553	-3.46557	0.00269206	0.430854	-2.32097	0.0160096	0.54955	-1.81967	0.00108045	0.37537	-2.66403	0.0015456	0.39674	-2.52054	0.000116746	0.253996	-3.93707	0.000659006	0.346681	-2.8845	0.00615856	0.484082	-2.06576	17.908	11.6912	0.580308	1
cg17443668	RPTN	0.000341216	5.17E-05	0.0438915	-22.7835	0.000321267	0.0904991	-11.0498	0.00284395	0.183533	-5.44862	0.00747204	0.241377	-4.1429	0.00189789	0.162635	-6.14873	0.000945113	0.13071	-7.6505	0.00267477	0.180245	-5.548	0.00046249	0.102909	-9.71735	0.00233978	0.173222	-5.77294	15.8797	42.8365	2.39783	1
cg05765254	RPTN	0.000469691	9.70E-05	0.0867005	-11.534	0.000484365	0.145118	-6.89096	0.00128487	0.190957	-5.23679	0.0204199	0.373138	-2.67998	0.202505	0.622073	-1.60753	0.000983922	0.177581	-5.63122	0.279547	0.672594	-1.48678	0.000142962	0.0989643	-10.1047	0.103076	0.533061	-1.87596	14.5404	28.6635	1.75227	1
cg11535506	RPTN	0.00180807	0.00030709	0.0442715	-22.5879	0.00095422	0.0729034	-13.7168	0.0102702	0.178944	-5.58834	0.00757219	0.160842	-6.21729	0.0801845	0.356111	-2.80812	0.00397176	0.127425	-7.84777	0.795749	0.871111	-1.14796	0.0013663	0.0844542	-11.8407	0.0247869	0.241361	-4.14316	9.92888	44.4949	3.98343	1
cg14647957	RPTOR;RPTOR	1.73E-05	0.00579027	0.692499	-1.44404	0.483785	1.07501	1.07501	6.37E-05	0.473493	-2.11196	0.753432	0.968477	-1.03255	7.28E-07	0.256399	-3.90016	0.0131453	0.731577	-1.36691	1.01E-05	0.381946	-2.61817	0.753255	0.968454	-1.03257	0.00863585	0.711523	-1.40544	35.1979	5.75964	0.145454	1
cg16826504	RPTOR;RPTOR	4.01E-05	0.0572042	0.861789	-1.16038	1.01E-06	0.411992	-2.42723	0.673842	1.0297	1.0297	0.406072	0.942929	-1.06053	0.000293375	0.665016	-1.50372	0.00293604	0.753941	-1.32636	0.00414787	1.30434	1.30434	0.780308	0.980854	-1.01952	0.00394028	0.76479	-1.30755	28.219	2.13624	0.0672909	1
cg18091083	RPTOR;RPTOR	4.66E-05	0.00226442	2.0073	2.0073	0.000163122	0.350228	-2.85529	0.111398	0.753634	-1.3269	0.00109332	0.455791	-2.19399	0.039586	1.47437	1.47437	0.000468644	0.407822	-2.45205	0.498564	0.893987	-1.11858	3.84E-06	0.172558	-5.79514	0.136999	0.770063	-1.2986	27.1217	11.4288	0.37457	1
cg00815931	RPTOR;RPTOR	5.73E-05	?	?	?	?	?	?	0.00349383	0.283564	-3.52654	?	?	?	0.185113	0.639551	-1.5636	0.00786394	0.338022	-2.95838	2.65E-06	0.0274021	-36.4936	0.118136	0.582954	-1.7154	0.000309779	0.155428	-6.43385	28.2735	30.1995	1.42416	1
cg13515774	RPTOR;RPTOR	9.45E-05	4.35E-05	0.22513	-4.44187	0.503198	0.877589	-1.13949	0.869872	1.03201	1.03201	1.58E-05	0.180377	-5.54393	0.00021271	0.304456	-3.28455	0.251581	0.794368	-1.25886	0.0483136	1.54289	1.54289	0.0748421	0.682947	-1.46424	0.0201127	1.71407	1.71407	22.4772	13.1495	0.520012	1
cg04470054	RPTOR;RPTOR	0.000114002	7.63E-05	0.0652307	-15.3302	0.239397	0.625647	-1.59835	0.000211411	0.0946591	-10.5642	0.000514521	0.127017	-7.87294	0.152613	0.558127	-1.79171	0.24818	0.631583	-1.58332	1.81E-05	0.0357317	-27.9864	0.094291	2.01409	2.01409	0.000872851	0.149486	-6.68959	21.3771	49.0564	2.03984	1
cg18951390	RPTOR;RPTOR	0.00017458	0.626171	1.1127	1.1127	0.271183	0.779438	-1.28298	0.000662321	0.321713	-3.10836	0.0168003	0.530087	-1.88648	0.445685	0.844424	-1.18424	0.81172	1.05328	1.05328	2.46E-06	0.0834055	-11.9896	0.698005	0.918682	-1.08852	0.015331	0.523401	-1.91058	19.0599	14.2833	0.666125	1
cg24155025	RPTOR;RPTOR	0.000308578	0.446912	0.93006	-1.0752	0.0156426	0.757927	-1.31939	0.151471	1.15459	1.15459	0.446187	0.929949	-1.07533	7.64E-05	0.511438	-1.95527	0.0184421	1.30653	1.30653	0.000870496	1.5955	1.5955	0.000435204	0.59445	-1.68223	0.816124	0.97845	-1.02202	16.3236	2.26158	0.123152	1
cg06412669	RPTOR;RPTOR	0.000359661	0.00536038	0.287355	-3.48001	0.0115153	0.341405	-2.92907	0.000436527	0.151052	-6.62024	0.00163548	0.21567	-4.63671	0.0110181	0.338096	-2.95774	0.0010784	0.193667	-5.1635	2.09E-05	0.0540616	-18.4974	0.565312	1.21853	1.21853	0.0202353	0.38592	-2.59121	15.6517	28.664	1.62789	1
cg16565901	RPTOR;RPTOR	0.00042601	0.128823	0.488403	-2.04749	0.0271479	0.319241	-3.13243	0.000126134	0.0542315	-18.4395	0.010067	0.2422	-4.12882	0.054408	0.385613	-2.59328	0.00761969	0.223572	-4.47284	2.11E-05	0.0237012	-42.1919	0.280062	1.63273	1.63273	0.019385	0.291035	-3.43602	14.9382	45.0983	2.68354	1
cg21238376	RPTOR;RPTOR	0.00046703	0.227469	0.844248	-1.18449	0.833439	0.972251	-1.02854	0.705466	1.05205	1.05205	1.03E-05	0.283162	-3.53154	0.951635	1.00814	1.00814	0.00307872	0.581915	-1.71846	0.00950286	1.55124	1.55124	0.664818	0.94341	-1.05998	0.969026	1.0052	1.0052	14.5633	4.1189	0.251403	1
cg09803959	RPTOR;RPTOR	0.000477459	0.000223759	0.188485	-5.30547	0.66359	1.12627	1.12627	0.01294	0.432488	-2.3122	0.000188788	0.180719	-5.53346	0.0317793	0.504683	-1.98144	0.0420401	0.52913	-1.8899	0.000146066	0.169353	-5.90483	0.0406527	0.526141	-1.90063	0.000638745	0.240618	-4.15596	14.4745	16.9229	1.03925	1
cg21219851	RPTOR;RPTOR	0.000575958	1.31E-05	0.103614	-9.65123	0.000787257	0.284018	-3.5209	0.876094	1.03946	1.03946	0.55704	0.863024	-1.15872	0.226118	0.729601	-1.37061	0.943814	1.01764	1.01764	0.054221	1.71925	1.71925	0.498272	0.843223	-1.18593	0.640422	0.889864	-1.12377	13.7396	13.3872	0.866093	1
cg23238734	RPTOR;RPTOR	0.000582508	0.0947978	0.68064	-1.46921	0.000181147	0.265167	-3.77121	0.269581	0.785914	-1.2724	0.000523849	0.322143	-3.10421	0.0528133	0.630516	-1.586	0.000712587	0.339562	-2.94497	0.000425093	0.310547	-3.22012	0.224427	1.30657	1.30657	0.00229098	0.409287	-2.44328	13.6964	9.52446	0.618133	1
cg22838354	RPTOR;RPTOR	0.000614358	0.384101	1.11218	1.11218	3.03E-05	0.378492	-2.64206	0.801155	1.03052	1.03052	0.0422129	0.756687	-1.32155	0.19545	1.17719	1.17719	0.363795	0.89477	-1.11761	0.00413815	1.58098	1.58098	0.106585	1.23358	1.23358	0.0139668	1.43576	1.43576	13.4946	3.03355	0.19982	1
cg22161269	RPTOR;RPTOR	0.000716691	0.198872	0.837149	-1.19453	0.863937	0.977794	-1.02271	0.873072	0.979285	-1.02115	0.856031	1.02406	1.02406	6.51E-05	0.38281	-2.61226	0.0373255	1.3722	1.3722	0.00077146	0.513474	-1.94752	0.732563	0.956084	-1.04593	0.000684804	0.507081	-1.97207	12.9253	3.5092	0.241333	1
cg03794617	RPTOR;RPTOR	0.00071805	0.0354631	0.653533	-1.53014	0.545397	1.11217	1.11217	0.253549	0.812899	-1.23016	0.0969968	0.728733	-1.37225	9.30E-06	0.189509	-5.27678	0.0197765	0.613279	-1.63058	0.351007	0.846408	-1.18146	0.54529	0.899117	-1.1122	0.00409611	0.512154	-1.95254	12.9184	6.1747	0.424868	1
cg14271651	RPTOR;RPTOR	0.000745803	0.593684	0.929844	-1.07545	0.0286058	0.705507	-1.41742	0.0815447	0.770458	-1.29793	0.548756	0.921312	-1.08541	2.19E-05	0.31606	-3.16395	0.00353871	0.586233	-1.70581	0.0967315	1.27926	1.27926	0.29015	1.15985	1.15985	0.00584305	0.614179	-1.62819	12.7817	3.69355	0.256864	1
cg18815595	RPTOR;RPTOR	0.000762672	0.112541	1.30916	1.30916	5.10E-05	0.306236	-3.26545	0.989809	1.00199	1.00199	0.00250209	0.519508	-1.9249	0.0776459	0.736522	-1.35773	0.0307975	0.673332	-1.48515	0.000699322	0.446577	-2.23926	0.329303	1.16999	1.16999	0.945439	0.989384	-1.01073	12.7016	4.89152	0.34232	1
cg22652378	RPTOR;RPTOR	0.000910137	0.00549019	0.6392	-1.56446	0.513439	1.08463	1.08463	0.000690063	0.529923	-1.88707	0.00281461	0.603833	-1.65609	7.62E-05	0.415099	-2.40907	0.0151789	0.693772	-1.4414	0.0732697	0.782829	-1.27742	0.354651	0.88983	-1.12381	0.00238854	0.595177	-1.68017	12.0844	2.87581	0.211535	1
cg24207068	RPTOR;RPTOR	0.000913889	0.00229618	0.397111	-2.51819	0.029004	1.74679	1.74679	0.0288985	0.572195	-1.74766	0.000236364	0.267056	-3.74453	0.620108	1.11437	1.11437	0.89165	0.970897	-1.02998	0.00113114	0.354097	-2.82409	0.807402	0.948448	-1.05435	0.00138096	0.36599	-2.73232	12.0704	8.97774	0.661141	1
cg14406501	RPTOR;RPTOR	0.000969363	0.438042	0.871804	-1.14705	0.000634331	0.402407	-2.48505	0.00828356	0.556844	-1.79584	0.162074	0.771897	-1.29551	0.0192339	1.63422	1.63422	0.403199	0.862121	-1.15993	0.000214098	2.92156	2.92156	0.654753	1.08119	1.08119	0.252748	1.2302	1.2302	11.8708	5.65492	0.423444	1
cg10508138	RPTOR;RPTOR	0.00140423	0.249988	0.878605	-1.13817	0.874952	0.983189	-1.0171	5.72E-05	0.447576	-2.23426	0.1645	0.852433	-1.17311	0.0592908	0.795159	-1.25761	0.00020311	0.511378	-1.9555	0.0370067	0.770485	-1.29788	0.390179	0.909564	-1.09943	0.0996857	0.82346	-1.21439	10.6803	1.9603	0.163151	1
cg03140026	RPTOR;RPTOR	0.00142041	5.06E-05	0.317125	-3.15333	0.856164	1.02781	1.02781	0.00196378	0.51608	-1.93768	0.00859445	0.602506	-1.65973	0.444208	0.88877	-1.12515	0.120656	0.775336	-1.28976	0.0701668	1.35803	1.35803	0.300146	0.850173	-1.17623	0.801526	0.962639	-1.03881	10.6452	3.85296	0.321728	1
cg11623293	RPTOR;RPTOR	0.00166488	0.23215	0.770001	-1.2987	0.0983936	1.45945	1.45945	0.416814	1.18896	1.18896	0.512036	0.870485	-1.14878	2.30E-05	0.170917	-5.85078	0.693875	1.08601	1.08601	0.666974	1.0945	1.0945	0.125417	0.707563	-1.4133	0.166619	0.735212	-1.36015	10.169	7.00661	0.61246	1
cg19287064	RPTOR;RPTOR	0.00170133	0.020887	0.699163	-1.43028	0.000424251	0.487409	-2.05167	0.238417	0.853028	-1.17229	0.617519	1.06696	1.06696	8.48E-05	0.402754	-2.4829	0.548121	1.08138	1.08138	0.0492374	0.749047	-1.33503	0.117705	0.803548	-1.24448	0.610312	0.935976	-1.0684	10.1055	2.65234	0.233302	1
cg16218910	RPTOR;RPTOR	0.00180607	0.566427	1.142	1.142	0.0440362	0.588504	-1.69922	0.190489	0.727862	-1.37389	0.0265989	0.547639	-1.82602	6.83E-05	0.188456	-5.30627	0.00765556	0.455924	-2.19335	0.00371585	0.407371	-2.45476	0.180456	1.38523	1.38523	0.32297	0.791432	-1.26353	9.93208	8.25786	0.739052	1
cg26469982	RPTOR;RPTOR	0.00182182	0.00151501	0.442871	-2.258	0.0945032	0.720591	-1.38775	0.00656314	1.8766	1.8766	0.00437027	1.97136	1.97136	0.0999589	1.37903	1.37903	0.0154842	0.588905	-1.69807	0.0277429	0.628865	-1.59017	0.0655675	1.44549	1.44549	0.316201	1.20292	1.20292	9.90709	4.98736	0.447478	1
cg11499091	RPTOR;RPTOR	0.00191797	0.941395	0.975983	-1.02461	0.743655	0.897183	-1.1146	0.00247155	0.248711	-4.02073	0.0212118	0.400146	-2.49909	0.434985	0.768463	-1.3013	0.167061	0.614454	-1.62746	3.64E-05	0.0721453	-13.8609	0.880781	1.05087	1.05087	0.0937819	0.543737	-1.83912	9.76016	16.8983	1.53898	1
cg09439604	RPTOR;RPTOR	0.00234702	0.0466938	0.730944	-1.36809	0.241108	0.844621	-1.18396	0.0557371	1.34755	1.34755	0.822358	1.03143	1.03143	5.40E-05	0.354878	-2.81787	0.262077	0.851355	-1.1746	0.65683	1.06347	1.06347	0.047926	0.732573	-1.36505	0.031901	0.707498	-1.41343	9.20121	2.75966	0.266598	1
cg03520496	RPTOR;RPTOR	0.00246218	0.645303	0.892775	-1.1201	0.00915731	0.444882	-2.24779	0.0065435	0.421269	-2.37378	0.449686	0.828197	-1.20744	0.00016612	0.208077	-4.80592	0.000987091	0.301738	-3.31413	0.00704662	0.426406	-2.34519	0.356798	0.793006	-1.26103	0.16236	0.694175	-1.44056	9.07264	8.60474	0.843047	1
cg05815404	RPTOR;RPTOR	0.00270676	0.00348204	0.264487	-3.7809	0.0203654	0.39147	-2.55448	0.00450133	0.280787	-3.56142	0.0458837	0.464121	-2.15461	0.00107604	0.197917	-5.05261	0.00316565	0.258606	-3.86688	0.00128955	0.207364	-4.82243	0.315998	0.706275	-1.41588	0.00308289	0.256987	-3.89125	8.82288	15.7224	1.58401	1
cg09516200	RPTOR;RPTOR	0.00274591	0.0416315	0.492837	-2.02907	0.870079	1.05055	1.05055	0.00607151	0.339811	-2.94282	0.00507351	0.327578	-3.05271	0.0461855	0.502502	-1.99004	0.29928	0.723195	-1.38275	8.32E-05	0.118372	-8.44791	0.931557	0.974455	-1.02622	0.0312885	0.467142	-2.14068	8.78551	12.6274	1.2776	1
cg02082642	RPTOR;RPTOR	0.00281779	0.00028997	0.295749	-3.38124	0.0586668	1.553	1.553	0.172012	0.741086	-1.34937	0.583935	0.892271	-1.12074	0.00201886	0.407516	-2.45389	0.0320655	0.595963	-1.67796	0.0121347	0.524988	-1.9048	0.864996	1.03569	1.03569	0.0175925	0.551368	-1.81367	8.71861	5.8656	0.598016	1
cg17442961	RPTOR;RPTOR	0.00298982	0.831012	1.04625	1.04625	0.00315715	0.425977	-2.34755	0.0266239	0.573589	-1.74341	0.93141	0.981953	-1.01838	0.207341	0.754805	-1.32484	0.553402	0.88088	-1.13523	0.000198682	3.75159	3.75159	0.877071	1.03329	1.03329	0.377342	1.21123	1.21123	8.56679	6.07229	0.63006	1
cg06756931	RPTOR;RPTOR	0.00306241	0.033921	0.5242	-1.90767	0.0522132	0.562158	-1.77886	0.0784515	0.600578	-1.66506	0.797178	1.06948	1.06948	0.00213993	0.324665	-3.08009	0.000169778	0.188624	-5.30157	0.0349311	0.526704	-1.8986	0.230146	0.720081	-1.38873	0.00262344	0.33738	-2.96402	8.50596	9.16547	0.957809	1
cg26886231	RPTOR;RPTOR	0.00315877	0.133685	1.2188	1.2188	0.435647	1.10218	1.10218	0.153493	0.829493	-1.20556	0.81256	0.971361	-1.02948	0.864654	1.02109	1.02109	0.000186834	0.462372	-2.16276	0.00677206	1.53619	1.53619	0.988576	1.00175	1.00175	0.0215877	0.713552	-1.40144	8.42794	1.99716	0.210639	1
cg02346006	RPTOR;RPTOR	0.0033861	0.0693533	0.789074	-1.26731	0.270021	1.14331	1.14331	0.148779	0.8348	-1.19789	0.000116327	2.19782	2.19782	0.0117839	1.44306	1.44306	0.363313	0.896786	-1.11509	0.623163	1.05945	1.05945	0.861946	1.0205	1.0205	0.131447	1.2091	1.2091	8.25507	1.77758	0.191406	1
cg00523683	RPTOR;RPTOR	0.00364304	0.76426	1.0858	1.0858	0.011102	2.39051	2.39051	0.00216657	0.307896	-3.24785	0.0139106	0.435326	-2.29713	0.0186617	0.45823	-2.18231	0.975449	1.00846	1.00846	0.0284231	2.02982	2.02982	0.301484	1.34046	1.34046	0.012731	0.428587	-2.33325	8.07631	9.58239	1.05465	1
cg00248805	RPTOR;RPTOR	0.00373476	0.000994947	0.453202	-2.20652	0.883562	0.976562	-1.024	0.313021	1.18399	1.18399	0.824889	0.964772	-1.03651	0.00021544	0.368051	-2.71702	0.225041	0.813649	-1.22903	0.166416	1.26972	1.26972	0.232119	0.816434	-1.22484	0.742201	0.947981	-1.05487	8.01627	3.32528	0.368726	1
cg16895810	RPTOR;RPTOR	0.00404142	0.603153	0.924997	-1.08108	0.0936004	1.31536	1.31536	0.951956	1.009	1.009	0.0501302	0.717488	-1.39375	0.000612694	0.456384	-2.19114	0.576577	1.08747	1.08747	0.00126654	2.01223	2.01223	0.416917	0.883977	-1.13125	0.688659	0.941886	-1.0617	7.82814	2.73953	0.311075	1
cg23210522	RPTOR;RPTOR	0.00407914	0.412559	1.20063	1.20063	0.631088	0.899789	-1.11137	0.832179	1.0474	1.0474	0.637279	1.10922	1.10922	0.000112821	0.227543	-4.39478	0.24363	1.30507	1.30507	0.0328964	1.72392	1.72392	0.221693	1.32357	1.32357	0.118678	1.44725	1.44725	7.80623	5.8891	0.670587	1
cg02580745	RPTOR;RPTOR	0.0041545	0.116435	0.787804	-1.26935	0.000941351	1.99322	1.99322	0.0206774	0.677358	-1.47633	0.00612798	0.606492	-1.64883	0.172513	1.22506	1.22506	0.997043	0.999482	-1.00052	0.0139023	1.52939	1.52939	0.91428	1.01517	1.01517	0.909735	0.984269	-1.01598	7.76321	2.40333	0.275182	1
cg13762486	RPTOR;RPTOR	0.00427271	0.0157486	0.559347	-1.7878	0.0407785	0.628961	-1.58992	0.000213692	0.296988	-3.36714	0.0418897	0.631027	-1.58472	0.0013823	0.402313	-2.48562	0.0582001	0.656843	-1.52243	0.117124	0.71591	-1.39682	0.923389	1.01906	1.01906	0.606697	0.903072	-1.10733	7.69765	4.69962	0.54269	1
cg13102028	RPTOR;RPTOR	0.0043271	0.0713409	0.780064	-1.28195	0.0435871	0.751152	-1.33129	0.00250533	0.59583	-1.67833	0.454595	1.09849	1.09849	0.000212694	0.466219	-2.14492	0.0665003	0.775864	-1.28889	0.41745	0.902857	-1.1076	0.346734	1.12693	1.12693	0.0580361	0.767804	-1.30242	7.66824	1.84707	0.214109	1
cg08150315	RPTOR;RPTOR	0.00440351	0.193676	1.30036	1.30036	0.316812	1.21764	1.21764	0.00898811	0.520054	-1.92288	0.119243	1.38289	1.38289	0.0156222	0.559999	-1.78572	0.00448144	0.471451	-2.12111	0.13941	1.35604	1.35604	0.0872086	0.695526	-1.43776	0.00130028	0.389144	-2.56974	8.88264	4.93601	0.432204	1
cg07964113	RPTOR;RPTOR	0.00503016	0.0652695	1.6153	1.6153	0.0163461	1.97419	1.97419	0.356329	1.24587	1.24587	0.169035	0.712107	-1.40428	0.000675858	0.299909	-3.33435	0.222529	1.34586	1.34586	0.00724715	2.23168	2.23168	0.832956	1.05016	1.05016	0.519917	1.16316	1.16316	7.32513	6.22888	0.755861	1
cg18576374	RPTOR;RPTOR	0.00548233	0.0986636	1.67016	1.67016	0.0706385	1.7722	1.7722	0.00126626	3.79033	3.79033	0.377714	1.29223	1.29223	0.232657	0.701517	-1.42548	0.706789	1.11298	1.11298	0.00170262	3.55833	3.55833	0.00166588	3.57473	3.57473	0.457506	1.239	1.239	7.1346	9.06572	1.12948	1
cg02933375	RPTOR;RPTOR	0.00559828	0.348368	0.858838	-1.16436	0.000306888	0.397003	-2.51888	0.0154003	0.625842	-1.59785	0.1563	1.27001	1.27001	0.453985	1.12775	1.12775	0.797032	1.04146	1.04146	0.0256058	1.51889	1.51889	0.438598	1.13261	1.13261	0.621807	0.924621	-1.08152	7.08888	2.78921	0.349744	1
cg00474943	RPTOR;RPTOR	0.00564229	0.180405	0.66627	-1.50089	0.754441	0.914321	-1.09371	0.906879	0.967146	-1.03397	0.489039	0.818211	-1.22218	0.000569453	0.217935	-4.58853	0.000478426	0.209132	-4.78168	0.828559	1.06387	1.06387	0.706281	1.11413	1.11413	0.050268	0.528823	-1.89099	7.07183	9.12755	1.14728	1
cg21734751	RPTOR;RPTOR	0.00570675	0.0184828	0.708887	-1.41066	0.000731515	0.53894	-1.85549	0.0288712	0.733243	-1.3638	0.291816	1.14077	1.14077	0.109427	0.810449	-1.23388	0.447757	0.911041	-1.09765	0.0158101	1.42763	1.42763	0.0391212	0.750149	-1.33307	0.777825	1.03465	1.03465	7.04717	1.61833	0.204126	1
cg03890538	RPTOR;RPTOR	0.00630762	0.0329908	1.44464	1.44464	0.457548	1.11807	1.11807	0.180297	1.23356	1.23356	0.00076116	2.12257	2.12257	0.360152	0.870411	-1.14888	0.00496158	1.73114	1.73114	0.00219702	1.88407	1.88407	0.0676828	1.35251	1.35251	0.0692194	1.34972	1.34972	6.83271	2.35517	0.306391	1
cg04515258	RPTOR;RPTOR	0.00672526	0.119057	0.48794	-2.04943	0.0288716	0.335229	-2.98304	0.0047114	0.203348	-4.91767	0.0242988	0.320219	-3.12286	0.00192219	0.155256	-6.44096	0.0210022	0.307996	-3.24679	0.00239064	0.166087	-6.02093	0.480352	0.737646	-1.35566	0.00488717	0.205523	-4.86564	6.69811	19.0854	2.53277	1
cg15600835	RPTOR;RPTOR	0.00690012	0.0732638	0.420153	-2.38008	0.0199358	3.38589	3.38589	0.0313108	2.99408	2.99408	0.407441	0.692206	-1.44466	0.201167	0.556525	-1.79687	0.000860693	0.113911	-8.7788	0.026082	0.317836	-3.14628	0.571032	0.779935	-1.28216	0.837565	1.09321	1.09321	6.64481	19.8336	2.65317	1
cg07450393	RPTOR;RPTOR	0.00736437	0.698505	1.07683	1.07683	0.0197944	0.585598	-1.70766	0.0217447	0.59224	-1.68851	0.29423	1.22985	1.22985	0.00281825	0.457286	-2.18681	0.0690124	0.679127	-1.47248	0.202893	0.774425	-1.29128	0.601977	1.10525	1.10525	0.00103259	0.39674	-2.52054	6.5111	3.72942	0.509137	1
cg16660971	RPTOR;RPTOR	0.00741041	0.00290803	0.422973	-2.36422	0.0711922	0.654576	-1.52771	0.0430992	0.613018	-1.63127	0.165858	0.732916	-1.36441	0.000309268	0.292	-3.42466	0.0272724	0.57735	-1.73205	0.870451	0.966263	-1.03492	0.652071	0.908974	-1.10014	0.0607518	0.641127	-1.55975	6.49842	4.55053	0.622446	1
cg17831694	RPTOR;RPTOR	0.00742345	0.669456	0.940778	-1.06295	0.0371432	1.41056	1.41056	0.0644066	1.34362	1.34362	0.0107058	0.633811	-1.57776	0.268336	1.1781	1.1781	0.218226	0.831839	-1.20216	0.0834485	1.3131	1.3131	0.556803	1.08815	1.08815	0.00131477	0.514444	-1.94384	6.49484	2.07879	0.284505	1
cg21925688	RPTOR;RPTOR	0.00770173	0.362885	0.839183	-1.19164	0.0435222	0.64714	-1.54526	0.552686	0.893497	-1.1192	0.515844	1.13148	1.13148	0.573812	0.898931	-1.11243	0.0180581	0.583646	-1.71337	0.000211631	0.313184	-3.19301	0.10941	0.720906	-1.38714	0.0147919	0.569899	-1.7547	6.42035	3.57424	0.494849	1
cg11637695	RPTOR;RPTOR	0.00800374	0.00104916	0.121487	-8.23136	0.014529	3.70176	3.70176	0.870318	1.07361	1.07361	0.19943	0.554668	-1.80288	0.0682113	0.411596	-2.42957	0.0591939	2.52456	2.52456	0.0504432	0.379362	-2.636	0.2794	0.613316	-1.63048	0.159071	0.519814	-1.92377	6.34321	18.9863	2.66059	1
cg25705936	RPTOR;RPTOR	0.00806225	0.571449	1.07427	1.07427	0.448523	1.10159	1.10159	0.299072	1.14434	1.14434	0.645029	0.943546	-1.05983	0.401642	1.11353	1.11353	0.000602954	1.94002	1.94002	0.156126	1.20933	1.20933	0.395568	0.896736	-1.11516	0.00370674	0.611887	-1.63429	6.32869	1.57293	0.220925	1
cg25337513	RPTOR;RPTOR	0.00880287	0.00346004	0.337262	-2.96505	0.534005	1.18823	1.18823	0.0109121	0.416885	-2.39874	0.0725077	0.57769	-1.73103	0.243095	0.715718	-1.3972	0.149348	0.654851	-1.52707	0.000816378	0.251158	-3.98156	0.020318	0.464875	-2.15112	0.0639326	0.565419	-1.7686	6.15545	7.30957	1.05555	1
cg15547672	RPTOR;RPTOR	0.00960021	0.00431468	0.471789	-2.11959	0.150485	0.738297	-1.35447	0.0049119	0.48013	-2.08277	0.00234097	0.433332	-2.3077	0.0239109	0.588287	-1.69985	0.25388	0.790908	-1.26437	0.0129218	0.544691	-1.8359	0.0566141	0.653879	-1.52934	0.010026	0.52733	-1.89635	5.98813	3.67584	0.545648	1
cg04136113	RPTOR;RPTOR	0.0102318	0.0212366	0.621803	-1.60823	0.422849	0.868968	-1.15079	0.00156017	0.458417	-2.18142	0.0131343	0.590007	-1.6949	0.0214402	0.622444	-1.60657	0.16202	0.774028	-1.29194	0.0240206	0.630127	-1.58698	0.0522348	0.684689	-1.46052	0.00245271	0.485317	-2.06051	5.86742	2.73511	0.414357	1
cg16578291	RPTOR;RPTOR	0.0107202	0.691843	1.06117	1.06117	0.00921537	0.611026	-1.63659	0.00624945	0.58799	-1.70071	0.643752	1.07186	1.07186	0.131462	1.27464	1.27464	0.845647	0.971373	-1.02947	0.00274255	1.85157	1.85157	0.621635	0.928546	-1.07695	0.883193	0.97833	-1.02215	5.78026	2.03303	0.31264	1
cg03502601	RPTOR;RPTOR	0.0109773	0.00416502	0.191051	-5.23419	0.902781	1.05408	1.05408	0.148183	0.512435	-1.95147	0.00910145	0.239707	-4.17177	0.131916	0.496135	-2.01558	0.157735	0.521481	-1.91762	0.000933043	0.118903	-8.41022	0.153175	0.517206	-1.93346	0.016325	0.282079	-3.54511	5.73633	16.8785	2.61546	1
cg27511181	RPTOR;RPTOR	0.0117225	0.0770388	0.396542	-2.5218	0.0102149	0.217946	-4.5883	0.0456925	0.34033	-2.93833	0.0980536	0.425804	-2.3485	0.00207892	0.130158	-7.68296	0.0416709	0.33129	-3.0185	0.00273261	0.142836	-7.00102	0.357515	0.640707	-1.56077	0.0106833	0.220961	-4.52568	5.61592	19.6867	3.11602	1
cg06443231	RPTOR;RPTOR	0.0121655	0.0778441	0.812067	-1.23143	0.00825942	0.698494	-1.43165	0.655881	0.953472	-1.0488	0.0205929	1.34484	1.34484	0.238277	0.877022	-1.14022	0.0962779	1.21411	1.21411	0.00607961	1.46307	1.46307	0.865066	1.01823	1.01823	0.277497	0.886941	-1.12747	5.54876	0.991776	0.158878	1
cg16027727	RPTOR;RPTOR	0.0124919	0.114992	0.694537	-1.43981	0.000866497	0.345371	-2.89544	0.0149291	0.529081	-1.89007	0.0113575	0.509632	-1.9622	0.010147	0.501748	-1.99303	0.628556	0.901516	-1.10924	0.600048	1.1191	1.1191	0.418577	0.838791	-1.19219	0.269804	0.783176	-1.27685	5.5012	3.94113	0.636811	1
cg06673969	RPTOR;RPTOR	0.012782	0.0189181	0.718581	-1.39163	0.00299179	1.60545	1.60545	0.893246	0.984511	-1.01573	0.521371	0.92722	-1.07849	0.648135	1.05487	1.05487	0.196453	0.853175	-1.17209	0.0056105	1.52617	1.52617	0.314026	0.885985	-1.12869	0.642672	0.947128	-1.05582	5.4602	1.16888	0.190287	1
cg04681879	RPTOR;RPTOR	0.0131917	0.195311	0.821796	-1.21685	0.397752	1.13209	1.13209	0.638514	0.934447	-1.07015	0.0479407	1.38265	1.38265	0.000470654	0.45503	-2.19766	0.692382	0.944615	-1.05863	0.201853	1.21301	1.21301	0.42562	0.889963	-1.12364	0.182546	0.816524	-1.2247	5.40423	1.75734	0.289047	1
cg18224819	RPTOR;RPTOR	0.0149581	0.0177371	0.649972	-1.53853	0.0223313	0.664267	-1.50542	0.00129498	0.496426	-2.0144	0.087722	0.754565	-1.32527	0.130922	0.783726	-1.27596	0.170815	0.804198	-1.24347	0.130791	1.27608	1.27608	0.562468	0.916223	-1.09144	0.0393773	0.700391	-1.42777	5.1855	1.83348	0.314291	1
cg12284870	RPTOR;RPTOR	0.0151127	0.612208	0.897655	-1.11401	0.75859	0.936966	-1.06727	0.0282965	0.578751	-1.72786	0.0745142	1.52142	1.52142	0.000773527	0.341368	-2.92939	0.128263	1.41518	1.41518	0.627252	1.10888	1.10888	0.696879	1.08619	1.08619	0.773781	1.06276	1.06276	5.16789	3.65112	0.628001	1
cg17408291	RPTOR;RPTOR	0.0154711	0.0887068	1.52151	1.52151	0.00230176	2.59127	2.59127	0.00549708	0.442261	-2.26111	0.759242	1.07112	1.07112	0.510907	1.16073	1.16073	0.299545	0.786385	-1.27164	0.984258	1.00442	1.00442	0.502987	0.859045	-1.16408	0.195616	0.73645	-1.35786	5.12792	4.05737	0.703316	1
cg20937981	RPTOR;RPTOR	0.0158489	0.00515474	0.576952	-1.73325	0.146093	0.792686	-1.26153	0.027183	0.677546	-1.47591	0.0514536	0.718821	-1.39117	0.00450862	0.569131	-1.75707	0.0660681	0.735647	-1.35935	0.0433552	0.70753	-1.41337	0.441245	0.889649	-1.12404	0.00351238	0.554632	-1.803	5.08701	1.78617	0.312109	1
cg14202916	RPTOR;RPTOR	0.0160167	0.0566861	0.765007	-1.30718	0.136828	0.819538	-1.2202	0.0307301	0.729687	-1.37045	0.158627	0.829343	-1.20577	0.0975098	0.797886	-1.25331	0.000526469	0.511306	-1.95578	0.908985	0.985899	-1.0143	0.165782	0.832318	-1.20146	0.0129135	0.681635	-1.46706	5.06923	1.23804	0.217091	1
cg14343513	RPTOR;RPTOR	0.0161406	0.0647581	0.572828	-1.74572	0.59894	0.867146	-1.15321	0.124881	1.56238	1.56238	0.228414	1.40431	1.40431	0.0275242	2.01403	2.01403	0.805555	1.06849	1.06849	0.769772	1.08202	1.08202	0.163059	1.49169	1.49169	0.00162713	0.297388	-3.36262	5.05625	5.77745	1.01568	1
cg18026826	RPTOR;RPTOR	0.0166433	0.488999	0.916913	-1.09062	0.0563178	0.765897	-1.30566	0.0391183	0.744801	-1.34264	0.00586599	0.640802	-1.56055	0.00966141	0.667561	-1.49799	0.0460082	1.32605	1.32605	0.117591	0.810787	-1.23337	0.0900379	0.794074	-1.25933	0.0380488	0.743218	-1.3455	5.00482	1.20719	0.214405	1
cg20462129	RPTOR;RPTOR	0.0169546	0.0517736	0.411693	-2.42899	0.212283	1.69346	1.69346	0.144828	0.533722	-1.87363	0.950769	1.02507	1.02507	0.000556827	0.116802	-8.5615	0.388316	0.701521	-1.42547	0.503956	0.761922	-1.31247	0.926327	0.963597	-1.03778	0.026755	0.349153	-2.86407	4.97393	12.6643	2.26323	1
cg11188237	RPTOR;RPTOR	0.0170002	0.612388	0.895175	-1.1171	0.394228	0.827677	-1.2082	0.952658	0.987215	-1.01295	0.750237	0.933124	-1.07167	0.0126548	0.510821	-1.95763	0.0215727	0.549861	-1.81864	0.000996401	0.346591	-2.88524	0.411355	0.833552	-1.19969	0.0114641	0.503797	-1.98493	4.96947	3.697	0.661283	1
cg07434008	RPTOR;RPTOR	0.0176216	0.152023	0.823174	-1.21481	0.00331424	1.66058	1.66058	0.0127502	0.67543	-1.48054	0.406131	1.11379	1.11379	0.0438784	0.745499	-1.34138	0.421811	1.10966	1.10966	0.400247	0.896562	-1.11537	0.573119	0.930347	-1.07487	0.131426	0.813422	-1.22937	4.91005	1.25042	0.226369	1
cg16732367	RPTOR;RPTOR	0.0179267	0.95401	0.991759	-1.00831	0.208155	1.20973	1.20973	0.163992	0.808092	-1.23748	0.00359526	1.76059	1.76059	0.264713	0.846386	-1.18149	0.0444326	1.39263	1.39263	0.0034035	1.77032	1.77032	0.591146	1.08091	1.08091	0.636818	1.07062	1.07062	4.88182	1.59157	0.289796	1
cg02638755	RPTOR;RPTOR	0.0189011	0.0426594	0.662655	-1.50908	0.450036	0.873085	-1.14536	0.0173862	0.600088	-1.66642	0.100733	0.728331	-1.373	0.48874	0.883364	-1.13204	0.107192	0.733395	-1.36352	0.003976	1.97946	1.97946	0.753398	0.945943	-1.05715	0.208582	1.26334	1.26334	4.79551	2.36155	0.437733	1
cg16721879	RPTOR;RPTOR	0.0189726	0.549539	0.882307	-1.13339	0.0677342	0.654971	-1.52678	0.0125239	0.526079	-1.90085	0.209444	0.760671	-1.31463	0.0815689	0.670875	-1.49059	0.0666608	0.653625	-1.52993	0.00414092	2.21429	2.21429	0.571842	0.888575	-1.1254	0.162507	0.734666	-1.36116	4.7894	3.24359	0.601994	1
cg18562896	RPTOR;RPTOR	0.0196239	0.363181	0.874516	-1.14349	0.188068	1.22156	1.22156	0.204625	1.21173	1.21173	0.781572	1.04069	1.04069	0.619391	0.930677	-1.07449	0.871541	0.977049	-1.02349	0.00177176	1.89402	1.89402	0.0029676	1.79508	1.79508	0.924288	0.986455	-1.01373	4.73498	1.54373	0.289801	1
cg14955617	RPTOR;RPTOR	0.0213024	0.616941	0.928661	-1.07682	0.12965	1.27162	1.27162	0.967532	0.994044	-1.00599	0.518333	0.908369	-1.10087	0.000660999	0.465144	-2.14987	0.50418	1.10459	1.10459	0.226391	1.20493	1.20493	0.112202	0.775831	-1.28894	0.295114	0.852697	-1.17275	4.60448	1.57075	0.303231	1
cg15826479	RPTOR;RPTOR	0.0213263	0.0208942	0.509418	-1.96302	0.141039	0.681044	-1.46833	0.928128	0.978347	-1.02213	0.0392648	0.5606	-1.7838	0.0189504	0.501846	-1.99264	0.341223	0.788226	-1.26867	0.00275971	0.367156	-2.72364	0.00610281	0.419563	-2.38344	0.395303	0.80958	-1.23521	4.60271	4.29186	0.828856	1
cg06469955	RPTOR;RPTOR	0.0216953	0.266883	0.798692	-1.25205	0.0336519	0.617456	-1.61955	0.119178	0.719918	-1.38905	0.158867	1.33994	1.33994	0.00594437	0.497069	-2.01179	0.54063	1.12791	1.12791	0.0164952	1.767	1.767	0.508898	1.13907	1.13907	0.393373	0.84375	-1.18519	4.57577	2.73658	0.531609	1
cg26729320	RPTOR;RPTOR	0.0229025	0.0345412	1.49513	1.49513	0.120277	1.31652	1.31652	0.204953	1.24388	1.24388	0.330882	1.17787	1.17787	0.118273	1.31882	1.31882	0.0316343	1.50855	1.50855	0.00792829	1.74295	1.74295	0.0156637	1.19572	1.19572	[illegible]	[illegible]	[illegible]	4.49143	1.89402	0.374842	1
cg09964933	RPTOR;RPTOR	0.0229879	0.0112543	0.366552	-2.72813	0.0264839	0.435392	-2.29678	0.58219	0.838926	-1.192	0.134342	1.66576	1.66576	0.336049	0.730862	-1.36825	0.0171407	0.39922	-2.50488	0.00918077	0.351477	-2.84514	0.400722	1.31242	1.31242	0.230898	0.672179	-1.4877	4.48567	7.09741	1.40644	1
cg02047211	RPTOR;RPTOR	0.024492	0.278017	1.41895	1.41895	0.0374445	2.11495	2.11495	0.0209263	2.36781	2.36781	0.224408	0.673094	-1.48568	0.504943	0.810695	-1.23351	0.736007	0.900355	-1.11067	0.0196959	2.39609	2.39609	0.0141876	0.391166	-2.55646	0.878732	0.953742	-1.0485	4.48842	6.68775	1.35462	1
cg09794615	RPTOR;RPTOR	0.0247	0.390175	0.67846	-1.47393	0.462548	1.39023	1.39023	0.840715	0.91516	-1.0927	0.0143844	0.264687	-3.77805	0.00447193	0.188202	-5.31344	0.0055403	0.200731	-4.98178	0.972767	0.985073	-1.01515	0.33821	0.647296	-1.54489	0.0461994	0.365562	-2.73552	4.37556	13.4509	2.73253	1
cg27025953	RPTOR;RPTOR	0.0250795	0.818638	0.978375	-1.0221	0.161075	0.867206	-1.15313	0.0213462	0.768509	-1.30122	0.931754	0.99188	-1.00819	0.413893	1.08275	1.08275	0.0102948	1.36036	1.36036	0.0332992	1.26718	1.26718	0.228755	0.886716	-1.12776	0.0639725	0.820231	-1.21917	4.35242	0.624539	0.127549	1
cg08588357	RPTOR;RPTOR	0.0252372	0.256053	1.32427	1.32427	0.610457	0.885408	-1.12942	0.0576787	1.66272	1.66272	0.0542677	1.6777	1.6777	0.00739943	0.441568	-2.26466	0.602914	1.13239	1.13239	0.0209198	1.9414	1.9414	0.0650386	1.31418	1.31418	[illegible]	[illegible]	[illegible]	4.34294	3.85996	0.790037	1
cg18607849	RPTOR;RPTOR	0.0253619	0.684578	1.13718	1.13718	0.974606	1.01007	1.01007	0.33022	0.72887	-1.37199	0.340265	0.733921	-1.36254	0.000297421	0.156686	-6.38221	0.395695	0.760492	-1.31494	0.628293	0.857651	-1.16598	0.537054	0.821402	-1.21743	0.63165	0.858957	-1.1642	4.33549	6.80311	1.39482	1
cg02185248	RPTOR;RPTOR	0.0254577	0.41771	0.69215	-1.44477	0.00203922	6.90242	6.90242	0.203138	0.550525	-1.81645	0.0952149	0.442853	-2.25809	0.149174	0.502954	-1.98825	0.306566	1.6005	1.6005	0.770424	1.13884	1.13884	0.471243	1.38489	1.38489	0.0693701	0.405514	-2.46601	4.3298	13.5369	2.77906	1
cg10538214	RPTOR;RPTOR	0.0257239	0.114562	0.618659	-1.6164	0.030515	0.491008	-2.03663	0.0905263	0.593435	-1.6851	0.627933	0.87228	-1.14642	0.000726958	0.23746	-4.21123	0.399809	0.785715	-1.27273	0.487739	1.21806	1.21806	0.224692	0.699887	-1.4288	0.135772	0.637749	-1.56801	4.31412	5.34906	1.10213	1
cg10162696	RPTOR;RPTOR	0.0263782	0.110777	0.72584	-1.37771	0.00713094	0.526839	-1.89811	0.167155	0.762185	-1.31202	0.0027691	0.467176	-2.14052	0.31792	0.826652	-1.2097	0.0214568	0.600785	-1.66449	0.378968	0.846666	-1.1811	0.405474	0.858358	-1.16499	[illegible]	0.579821	-1.72467	4.27643	2.30324	0.478747	1
cg25288455	RPTOR;RPTOR	0.0264168	0.203421	0.888249	-1.12581	0.168564	1.13827	1.13827	0.00162737	1.48964	1.48964	0.239045	0.896873	-1.11499	0.105478	0.855456	-1.16897	0.855917	0.984084	-1.01617	0.138165	0.868564	-1.15133	0.776316	1.02546	1.02546	0.345581	1.08953	1.08953	4.27424	0.527466	0.109694	1
cg16886414	RPTOR;RPTOR	0.0266364	0.032577	0.505081	-1.97988	0.0600852	0.560376	-1.78452	0.044994	0.533551	-1.87423	0.284529	0.738181	-1.35468	0.0185209	0.458468	-2.18118	0.0116117	0.422523	-2.36673	0.00424393	0.351668	-2.84359	0.121823	0.632579	-1.58083	0.0266842	0.488181	-2.04842	4.26187	5.03293	1.04971	1
cg05651511	RPTOR;RPTOR	0.0268	0.0287832	0.522318	-1.91454	0.102689	0.6378	-1.56789	0.031298	0.529243	-1.88949	0.262628	0.74515	-1.34201	0.00509206	0.393585	-2.54074	0.089536	0.62408	-1.60236	0.0586275	0.583893	-1.71264	0.145481	1.48245	1.48245	0.0359715	0.540927	-1.84868	4.25273	4.27274	0.893071	1
cg24343322	RPTOR;RPTOR	0.0275608	0.0525862	0.58662	-1.70468	0.0150638	0.48526	-2.06075	0.247377	0.746228	-1.34007	0.000995241	0.306199	-3.26585	0.303689	0.77272	-1.29413	0.269797	0.757201	-1.32065	0.522501	1.16985	1.16985	0.671764	0.901986	-1.10866	0.757217	0.927696	-1.07794	4.21115	3.90696	0.82468	1
cg27454679	RPTOR;RPTOR	0.02834	0.0193971	0.717548	-1.39363	0.192651	0.850522	-1.17575	0.222972	0.860395	-1.16226	0.115335	0.817896	-1.22265	0.0123347	0.69359	-1.44177	0.60002	0.939762	-1.0641	0.0356432	0.750409	-1.33261	0.334592	0.889719	-1.12395	0.0177418	0.592979	-1.6864	4.17	0.910588	0.194103	1
cg00704970	RPTOR;RPTOR	0.0283831	0.00619724	0.309398	-3.23209	0.366329	0.737087	-1.35669	0.0659474	0.507591	-1.97009	0.0575616	0.493674	-2.02563	0.0413127	0.461356	-2.16752	0.019164	0.393919	-2.53859	0.00480251	0.292295	-3.4212	0.151046	0.603049	-1.65824	0.0599861	0.497852	-2.00863	4.16777	7.13107	1.52089	1
cg26733897	RPTOR;RPTOR	0.0287235	0.0118006	0.340278	-2.93877	0.243258	0.657979	-1.51981	0.077782	0.510716	-1.95804	0.538272	1.23815	1.23815	0.00799037	0.311785	-3.20734	0.119168	0.56004	-1.78559	0.0221945	0.390672	-2.55969	0.171293	1.64396	1.64396	0.171279	0.606924	-1.64765	4.15026	7.72479	1.65447	1
cg11222173	RPTOR;RPTOR	0.029033	0.584961	1.24769	1.24769	0.0264824	2.87374	2.87374	0.0513996	2.43502	2.43502	0.258708	1.60456	1.60456	0.0374229	0.379442	-2.63545	0.861115	0.932145	-1.07279	0.00405725	4.70289	4.70289	0.162033	1.82043	1.82043	0.797443	1.10871	1.10871	4.13457	10.5431	2.26666	1
cg20758492	RPTOR;RPTOR	0.0291048	0.0152364	0.206952	-4.83204	0.210896	0.498187	-2.00728	0.232793	0.516157	-1.9374	0.249901	0.529629	-1.88811	0.0109434	0.184894	-5.40852	0.165233	0.457307	-2.18672	0.00405258	0.13005	-7.68935	0.0163643	0.211997	-4.71704	0.0447075	0.295786	-3.38082	4.13095	18.2793	3.93329	1
cg12785535	RPTOR;RPTOR	0.029228	0.407798	0.824852	-1.21234	0.24698	0.75935	-1.31692	0.00403493	0.415493	-2.40678	0.210364	1.35008	1.35008	0.0117876	0.489065	-2.04472	0.936441	0.982026	-1.0183	0.103534	0.667056	-1.49912	0.762965	1.07121	1.07121	0.0228196	0.538208	-1.85802	4.12479	3.37841	0.728046	1
cg17872658	RPTOR;RPTOR	0.0292755	0.256159	0.758445	-1.31849	0.0570986	0.605245	-1.65222	0.011843	0.480486	-2.08123	0.0906468	0.647368	-1.54472	0.0031705	0.390534	-2.5606	0.0514191	0.596128	-1.67749	0.0359583	0.566017	-1.76673	0.73025	1.08408	1.08408	0.913855	1.02556	1.02556	4.12241	3.55248	0.765997	1
cg22673070	RPTOR;RPTOR	0.0301897	0.399213	1.3238	1.3238	0.103726	1.78297	1.78297	0.323001	0.717638	-1.39346	0.0967687	1.80855	1.80855	0.00655121	0.317296	-3.15163	0.475791	1.26577	1.26577	0.109906	0.567582	-1.76186	0.0353021	2.21828	2.21828	0.32914	1.38727	1.38727	4.07769	6.82216	1.48715	1
cg22091236	RPTOR;RPTOR	0.0309687	0.0217335	0.268298	-3.72719	0.0112655	0.219568	-4.55439	0.0308042	0.297826	-3.35767	0.0626393	0.367686	-2.71971	0.00870245	0.202574	-4.93647	0.0184203	0.255234	-3.91798	0.0947118	0.415989	-2.40391	0.487856	0.714203	-1.40016	0.0580418	0.359458	-2.78197	4.04088	14.5963	3.2108	1
cg05774614	RPTOR;RPTOR	0.0309927	0.0679994	0.741343	-1.3489	0.0608718	0.733901	-1.36258	0.0349494	0.697771	-1.43313	0.0448947	0.713858	-1.40084	0.862484	1.02571	1.02571	0.431872	1.12464	1.12464	0.0454587	1.39925	1.39925	0.179889	0.811752	-1.23192	0.655908	0.815236	-1.22664	4.03977	1.37184	0.301854	1
cg18430553	RPTOR;RPTOR	0.0312232	0.155761	0.780724	-1.28086	0.55125	1.10325	1.10325	0.251656	0.822678	-1.21554	0.238061	1.22315	1.22315	0.0856164	1.36298	1.36298	0.549042	0.905908	-1.10386	0.00324922	1.92351	1.92351	0.263612	0.827014	-1.20917	0.083032	0.731393	-1.36725	4.02911	1.69512	0.373972	1
cg27551440	RPTOR;RPTOR	0.0313674	0.247583	1.26574	1.26574	0.0525078	0.650657	-1.53691	0.0142498	0.554712	-1.80274	0.778146	0.946428	-1.0566	0.00582092	0.494607	-2.02181	0.810223	0.954186	-1.04801	0.0661323	1.49454	1.49454	0.782793	0.960692	-1.04092	[illegible]	[illegible]	[illegible]	4.02429	2.42089	0.534969	1
cg17944774	RPTOR;RPTOR	0.0316116	0.108187	0.705625	-1.41718	0.0277438	1.67798	1.67798	0.601759	1.11044	1.11044	0.596598	0.89918	-1.11212	0.00183101	0.414451	-2.41283	0.186874	0.757037	-1.32094	0.675157	0.919567	-1.08747	0.965785	1.00857	1.00857	0.554604	0.887891	-1.12626	4.01136	2.51456	0.557208	1
cg13549638	RPTOR;RPTOR	0.0320298	0.11703	0.618662	-1.61639	0.989765	1.00362	1.00362	0.776813	1.08345	1.08345	0.905716	1.03398	1.03398	0.00127975	0.26596	-3.75996	0.0520604	0.536188	-1.86502	0.245636	1.40842	1.40842	0.873821	0.956168	-1.04584	0.0919164	0.592575	-1.68755	3.99255	5.02941	1.11973	1
cg02243479	RPTOR;RPTOR	0.0329485	0.107556	0.540984	-1.84848	0.0125174	0.337341	-2.96436	0.308827	0.691812	-1.44548	0.847114	1.06985	1.06985	0.00281803	0.237099	-4.21765	0.0196202	0.372962	-2.68124	0.980128	1.00875	1.00875	0.722908	1.05235	1.05235	[illegible]	0.843203	-1.18595	3.95277	7.65955	1.72268	1
cg06799305	RPTOR;RPTOR	0.0334032	0.0247889	0.15101	-6.62207	0.231636	0.411668	-2.42914	0.0202401	0.137974	-7.24773	0.178341	0.36362	-2.75012	0.013309	0.114217	-8.75526	0.157671	0.34342	-2.91188	0.0077759	0.0891202	-11.2208	0.759387	1.24276	1.24276	0.0277475	0.158748	-6.29931	3.93285	31.1727	7.04556	1
cg18802706	RPTOR;RPTOR	0.0334339	0.473793	0.866344	-1.15428	0.0160102	0.559516	-1.78726	0.00764473	0.509014	-1.96458	0.61543	0.905066	-1.10489	0.0384845	0.623639	-1.60349	0.582408	0.896402	-1.11557	0.898425	0.975163	-1.02547	0.303757	0.810765	-1.2334	0.00393107	0.465725	-2.14719	3.93154	2.41494	0.545998	1
cg11274148	RPTOR;RPTOR	0.0343515	0.925269	0.954642	-1.04751	0.0891576	2.52816	2.52816	0.806029	1.12944	1.12944	0.077813	0.379208	-2.63708	0.00780233	0.184547	-5.41867	0.169829	2.06156	2.06156	0.0271905	3.63713	3.63713	0.58864	1.31016	1.31016	0.274821	0.56998	-1.75445	3.89336	15.0949	3.46631	1
cg05337636	RPTOR;RPTOR	0.0350052	0.0127189	0.316176	-3.1628	0.0645956	0.462073	-2.16416	0.143596	0.557417	-1.79399	0.819714	0.918604	-1.08861	0.00647643	0.268107	-3.72986	0.26336	0.648145	-1.54288	0.0122675	0.313446	-3.19034	0.542062	0.794907	-1.25801	0.0243249	0.36854	-2.71341	3.86692	8.47062	1.94714	1
cg16438182	RPTOR;RPTOR	0.0368328	0.0949104	0.259269	-3.85699	0.0400772	0.174646	-5.72588	0.301761	0.455247	-2.19661	0.201807	0.371072	-2.69489	0.0145691	0.109361	-9.14402	0.0433772	0.181075	-5.52256	0.00358947	0.0549886	-18.1856	0.0320605	0.157684	-6.34178	0.092217	0.255838	-3.90872	3.79612	32.526	7.61618	1
cg17585356	RPTOR;RPTOR	0.0397443	0.0788991	0.466988	-2.14138	0.804129	1.10183	1.10183	0.0149769	0.311196	-3.21341	0.645986	0.834853	-1.19782	0.00276408	0.199673	-5.00818	0.0477274	0.413327	-2.41939	0.303407	0.659679	-1.51589	0.661152	1.18783	1.18783	0.229317	0.611226	-1.63606	3.69184	8.90503	2.14407	1
cg13643509	RPTOR;RPTOR	0.0403991	0.0209147	0.374688	-2.66889	0.00669242	0.288658	-3.46431	0.621533	0.838807	-1.19217	0.659425	1.1696	1.1696	0.0382426	0.42814	-2.33568	0.185491	0.609	-1.64204	0.00969744	0.31479	-3.17672	0.27718	0.67085	-1.49065	0.627013	0.841159	-1.18884	3.66968	7.2516	1.75652	1
cg11824764	RPTOR;RPTOR	0.0405127	0.0174014	0.213085	-4.69295	0.101918	0.384448	-2.60113	0.0667861	0.33376	-2.99617	0.142375	0.430833	-2.32108	0.0113645	0.184145	-5.4305	0.0875676	0.365331	-2.73724	0.990697	1.00624	1.00624	0.00599072	0.146912	-6.80679	0.336538	0.589148	-1.69737	3.66589	16.5525	4.01359	1
cg12131324	RPTOR;RPTOR	0.0408175	0.0572052	0.412711	-2.42301	0.0686455	0.432421	-2.31256	0.404572	0.704116	-1.42022	0.492474	0.750696	-1.3321	0.0029129	0.185852	-5.38062	0.0161732	0.298121	-3.3543	[illegible]	0.585418	-1.70818	0.0442372	0.386408	-2.58794	0.0506321	0.424103	-2.35792	3.65576	9.79719	2.38217	1
cg15406978	RPTOR;RPTOR	0.0416976	0.720871	0.892063	-1.121	0.00678153	3.0558	3.0558	0.0237272	2.36191	2.36191	0.908489	0.964055	-1.03729	0.639146	1.16224	1.16224	0.564603	1.20368	1.20368	0.428207	0.772981	-1.29369	0.0257105	0.430232	-2.32433	0.469569	1.26394	1.26394	3.62073	5.8221	1.42684	1
cg09592546	RPTOR;RPTOR	0.0418462	0.0640558	0.284765	-3.51167	0.0090086	0.134773	-7.41986	0.0165993	0.171056	-5.84603	0.236898	0.473338	-2.11265	0.106085	0.344627	-2.90168	0.0845044	0.316092	-3.16363	0.0110174	0.145905	-6.85376	0.0393668	0.237253	-4.21492	0.119483	0.360705	-2.77235	3.62225	20.8986	5.12845	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01412400	RPTOR;RPTOR	0.0453586	0.254695	0.710764	-1.40694	0.562781	0.845379	-1.1829	0.0978057	0.593671	-1.68443	0.648069	1.14103	1.14103	0.00144522	0.266689	-3.74969	0.0911568	0.586167	-1.706	0.111686	0.608152	-1.64433	0.105404	0.60178	-1.66174	0.121214	0.617317	-1.61991	3.51506	4.58801	1.16022	1
cg01886663	RPTOR;RPTOR	0.0454449	0.0264812	0.179606	-5.56773	0.0137339	0.136908	-7.30415	0.0808368	0.282658	-3.53785	0.259398	0.463993	-2.15521	0.0195185	0.158457	-6.31085	0.0394471	0.211231	-4.73415	0.0250255	0.1755	-5.698	0.0382783	0.208669	-4.79227	0.129925	0.343811	-2.90857	3.51255	23.696	5.99652	1
cg01464730	RPTOR;RPTOR	0.0456071	0.0291	0.361978	-2.7626	0.172917	1.7737	1.7737	0.268224	1.57722	1.57722	0.178865	1.75815	1.75815	0.0654001	0.441672	-2.26412	0.306973	0.658445	-1.51873	0.120732	0.514316	-1.94433	0.0319284	0.370353	-2.70013	0.0959066	0.485512	-2.05968	3.50787	8.67348	2.19785	1
cg17888563	RPTOR;RPTOR	0.0466734	0.00491727	16.7302	16.7302	0.180578	2.93	2.93	0.531803	0.619489	-1.61423	0.482334	0.582809	-1.71583	0.89264	1.10749	1.10749	0.594652	0.666265	-1.5009	0.872068	1.12958	1.12958	0.664827	0.719217	-1.3904	0.00813135	12.9578	12.9578	3.47754	31.486	8.0481	1
cg15946337	RPTOR;RPTOR	0.0471164	0.0987351	0.603662	-1.65656	0.42244	0.795761	-1.25666	0.0434004	0.523273	-1.91105	0.705283	1.11175	1.11175	0.0122256	0.418811	-2.38771	0.0420661	0.520451	-1.92141	0.0256904	0.477698	-2.09337	0.881802	1.04235	1.04235	0.0216754	0.463684	-2.15664	3.46518	4.26601	1.09432	1
cg16841014	RPTOR;RPTOR	0.0471824	0.160566	0.441145	-2.26683	0.00378019	0.118436	-8.44335	0.0562573	0.307185	-3.25537	0.558088	1.3818	1.3818	0.202795	2.08358	2.08358	0.691303	1.24348	1.24348	0.887041	0.925334	-1.08069	0.179085	2.17984	2.17984	0.532293	1.4125	1.4125	3.46335	16.3506	4.19648	1
cg04275040	RPTOR;RPTOR	0.0480909	0.479238	1.19826	1.19826	0.554904	0.860558	-1.16204	0.297683	0.762256	-1.31189	0.0672645	0.597103	-1.67475	0.00176808	0.326349	-3.0642	0.0571252	0.582038	-1.7181	0.520525	1.17795	1.17795	0.621428	0.882347	-1.13334	0.743025	0.920603	-1.08624	3.43851	3.44346	0.890168	1
cg03389944	RPTOR;RPTOR	0.0481034	0.0944448	0.739839	-1.35165	0.927651	1.015	1.015	0.0841991	0.731146	-1.36772	0.503409	1.11773	1.11773	0.167388	1.27281	1.27281	0.595811	0.915993	-1.09171	0.00486289	1.84406	1.84406	0.239135	0.817045	-1.22392	0.367339	1.16391	1.16391	3.43817	1.46293	0.378218	1
cg19494960	RPTOR;RPTOR	0.0483677	0.119228	0.408123	-2.45024	0.403101	0.635397	-1.57382	0.0982951	0.382494	-2.61442	0.695955	0.81208	-1.23141	0.00171633	0.0932946	-10.7187	0.0665828	0.336118	-2.97515	0.959669	1.02717	1.02717	0.134363	0.42501	-2.35289	0.0545575	0.314763	-3.177	3.43105	15.2658	3.95494	1
cg15228441	RPTOR;RPTOR	0.0486144	0.0677052	0.273124	-3.66134	0.0456651	0.233862	-4.27603	0.0624836	0.264608	-3.77918	0.522361	0.662888	-1.50855	0.00386829	0.084782	-11.795	0.0751162	0.284576	-3.514	0.0228273	0.177753	-5.62579	0.308211	0.512315	-1.95192	0.0959255	0.313628	-3.18849	3.42445	21.8092	5.66105	1
cg02910299	RPTOR;RPTOR	0.0490751	0.578083	1.20059	1.20059	0.00733529	3.07903	3.07903	0.0739634	1.91168	1.91168	0.587899	0.836928	-1.19485	0.0829546	0.535449	-1.86759	0.56519	0.827639	-1.20826	0.0459368	2.10507	2.10507	0.674075	1.14755	1.14755	0.296583	0.703189	-1.42209	3.41224	5.72129	1.4904	1
cg12073949	RPTOR;RPTOR;RPTOR;RPTOR	0.00908492	0.0095604	0.624952	-1.60012	0.627594	1.07254	1.07254	0.937639	0.988854	-1.01127	0.15909	0.80607	-1.24059	0.0487206	0.724353	-1.38054	0.0307991	0.695354	-1.43812	0.000278537	0.426647	-2.34386	0.335863	0.867487	-1.15275	0.122061	0.786578	-1.27133	6.09418	1.98058	0.288885	1
cg18413339	RPTOR;RPTOR;RPTOR;RPTOR	0.017004	0.129729	1.2869	1.2869	0.0973138	0.755493	-1.32364	0.00147019	2.02884	2.02884	0.384113	1.14742	1.14742	0.109128	1.30895	1.30895	0.0155799	1.57941	1.57941	0.163601	0.79525	-1.25747	0.985442	1.00282	1.00282	0.358935	1.15646	1.15646	4.96909	1.86883	0.334302	1
cg02568541	RPUSD1	0.031262	0.17062	1.99594	1.99594	0.00857448	4.89459	4.89459	0.784441	1.13868	1.13868	0.912278	1.05358	1.05358	0.0128044	0.231216	-4.32495	0.931807	1.04137	1.04137	0.474405	0.70853	-1.41137	0.0184479	3.87245	3.87245	0.905753	1.0577	1.0577	4.02732	14.3088	3.15817	1
cg08932069	RPUSD1	0.0391566	0.0967828	0.419637	-2.38301	0.136174	0.465389	-2.14874	0.131525	0.460466	-2.17171	0.206602	0.530186	-1.88613	0.0435984	0.331147	-3.0198	0.117436	0.44485	-2.24795	0.00281194	0.140766	-7.10397	0.0859788	0.405026	-2.46898	0.00988321	0.21165	-4.72477	3.71212	13.3403	3.19441	1
cg09057080	RPUSD1;CHTF18	9.07E-05	0.000599597	0.28933	-3.45627	0.0124269	0.482523	-2.07244	0.00742521	0.44588	-2.24275	0.000411449	0.268824	-3.7199	0.000462694	0.275136	-3.63457	0.0135451	0.488836	-2.04568	4.55E-06	0.0848571	-11.7845	0.000345596	0.259581	-3.85236	0.000196378	0.230748	-4.33373	22.7231	19.7452	0.772395	1
cg10191460	RPUSD1;CHTF18	0.00309067	?	?	?	0.00804336	0.438267	-2.28172	0.929516	0.982137	-1.01819	?	?	?	0.00735766	2.32364	2.32364	?	?	?	0.00183806	3.2028	3.2028	?	?	?	0.0123642	2.097	2.097	18.4187	6.17167	0.335076	1
cg12689475	RPUSD1;CHTF18	0.00678145	0.00314652	0.383903	-2.60483	0.138072	0.684715	-1.46046	0.924679	0.97782	-1.02268	0.0629539	0.608845	-1.64246	0.00331694	0.387305	-2.58195	0.00112708	0.320785	-3.11735	0.00530525	0.418319	-2.39052	0.0544935	0.596027	-1.67778	0.315164	0.781644	-1.27935	6.6808	5.95293	0.792045	1
cg26820233	RPUSD1;CHTF18	0.0115589	0.494338	1.23125	1.23125	0.999639	1.00014	1.00014	0.170908	1.54814	1.54814	0.0218272	0.438248	-2.28181	0.0494031	0.510586	-1.95853	0.561181	0.838517	-1.19258	0.155225	1.57762	1.57762	0.000656488	0.209099	-4.78242	0.205765	0.67025	-1.49198	5.64152	8.02805	1.26491	1
cg00639984	RPUSD1;CHTF18	0.0132725	0.0156635	0.564874	-1.77031	0.00961529	0.531565	-1.88124	0.269411	0.801128	-1.24824	0.132834	0.73151	-1.36704	0.00254254	0.446005	-2.24213	0.0254642	0.599342	-1.6685	0.00760913	0.515993	-1.93801	0.00970007	0.532154	-1.87916	0.519124	0.881615	-1.13428	5.39345	3.1749	0.523252	1
cg07371530	RPUSD1;CHTF18	0.0220011	0.0245688	0.310068	-3.2251	0.00704047	0.217973	-4.58772	0.0418811	0.358625	-2.78843	0.497986	0.740195	-1.351	0.0156149	0.273527	-3.65595	0.106403	0.462557	-2.16189	0.00586926	0.206641	-4.83931	0.0255241	0.313329	-3.19153	0.0383315	0.350096	-2.85636	4.55386	13.7914	2.692	1
cg01866597	RPUSD1;CHTF18	0.0373934	0.062955	0.67806	-1.4748	0.837967	1.03876	1.03876	0.662203	0.9216	-1.08507	0.689367	0.928093	-1.07748	0.742404	1.06317	1.06317	0.402753	1.17238	1.17238	0.0260563	0.612329	-1.63311	0.00244535	0.457013	-2.18812	0.274578	1.23508	1.23508	3.77527	2.06244	0.485602	1
cg18013830	RPUSD2	0.00678446	0.0529784	0.667459	-1.49822	?	?	?	0.514533	0.885585	-1.1292	0.000172935	0.309609	-3.22988	0.340391	0.834749	-1.19796	0.105436	0.722394	-1.38429	0.011947	0.5618	-1.77999	0.800549	1.04764	1.04764	0.336482	0.83345	-1.19983	6.81915	3.24434	0.475769	1
cg22106051	RPUSD2	0.0280232	0.307713	0.77602	-1.28863	0.0165226	2.02045	2.02045	0.0473084	1.72466	1.72466	0.038849	0.563032	-1.7761	0.041837	1.75656	1.75656	0.0928575	1.55903	1.55903	0.038739	1.77685	1.77685	0.617341	0.886058	-1.12859	0.619764	1.12764	1.12764	4.18656	3.82437	0.811989	1
cg26417554	RPUSD3;RPUSD3	0.00213253	0.00368466	0.171497	-5.83102	0.622899	1.24937	1.24937	0.0395185	0.343151	-2.91417	0.40983	1.46025	1.46025	0.000683228	0.0972378	-10.2841	0.0398088	0.343853	-2.90822	0.000743359	0.100248	-9.97524	0.00298722	0.16049	-6.23092	0.0184223	0.276822	-3.61243	9.46308	30.2395	2.84047	1
cg07691624	RPUSD3;RPUSD3	0.013971	0.0401724	0.500884	-1.99647	0.489471	0.814865	-1.2272	0.0258472	0.462285	-2.16317	0.651343	1.14185	1.14185	0.000720542	0.223022	-4.48385	0.00748464	0.366418	-2.72913	0.316045	0.739133	-1.35294	0.0542538	0.528896	-1.89073	0.304967	0.733617	-1.36311	5.3035	7.14228	1.19708	1
cg08101377	RPUSD3;RPUSD3	0.0247429	0.197701	0.545705	-1.83249	0.798026	1.12083	1.12083	0.602699	0.791672	-1.26315	0.0135158	0.256696	-3.89566	0.000574246	0.0933869	-10.7081	0.583887	0.781885	-1.27896	0.82286	0.905072	-1.10488	0.47567	0.724226	-1.38078	0.869334	0.929381	-1.07599	4.37292	13.7045	2.78572	1
cg02072018	RPUSD3;RPUSD3	0.0434939	0.207483	0.781696	-1.27927	0.844447	0.964256	-1.03707	0.0195221	1.6871	1.6871	0.303649	1.21824	1.21824	0.299358	0.819307	-1.22054	0.809912	1.04566	1.04566	0.0405104	0.645097	-1.55015	0.0263701	0.613883	-1.62897	0.128392	1.35598	1.35598	3.57064	1.94153	0.483334	1
cg06912824	RPUSD4;RPUSD4	0.000498702	0.84291	0.966385	-1.03478	0.000384692	0.376672	-2.65483	0.000688564	0.409404	-2.44257	0.870417	0.972258	-1.02853	0.000305298	0.363918	-2.74787	0.46797	0.880502	-1.13572	0.00091903	2.34768	2.34768	0.900993	0.97878	-1.02168	0.782969	0.953531	-1.04873	14.3008	6.7263	0.418083	1
cg13169525	RPUSD4;RPUSD4;FAM118B	0.00110531	0.196144	1.37863	1.37863	0.00747636	0.445313	-2.24561	0.00609514	2.31885	2.31885	?	?	?	0.788996	0.938934	-1.06504	0.0978741	0.652738	-1.53201	0.123707	1.47945	1.47945	0.00208388	2.76684	2.76684	0.000279843	4.03858	4.03858	11.7065	9.09463	0.776887	1
cg27626746	RPUSD4;RPUSD4;FAM118B	0.0121348	0.0510246	2.33458	2.33458	0.296672	1.511	1.511	0.11727	1.91371	1.91371	0.140139	1.83217	1.83217	0.268232	0.644083	-1.55259	0.552037	0.794916	-1.25799	0.00110616	0.159751	-6.25975	0.0425594	0.410325	-2.43709	0.311528	0.670716	-1.49094	5.55333	12.7996	2.04876	1
cg03984120	RPUSD4;RPUSD4;FAM118B	0.0148301	0.0221537	0.650959	-1.53619	0.640001	1.07651	1.07651	0.0187468	1.56176	1.56176	0.130029	0.774166	-1.29171	0.0262337	0.661866	-1.51088	0.29191	0.842686	-1.18668	0.00598579	0.569895	-1.75471	0.412741	1.14005	1.14005	0.241839	1.21136	1.21136	5.20024	2.01769	0.344889	1
cg20278498	RPUSD4;RPUSD4;FAM118B;FAM118B	0.0480886	0.0932029	0.829153	-1.20605	0.160226	0.858807	-1.16441	0.0746106	0.81751	-1.22323	0.719458	1.03727	1.03727	0.786779	0.972868	-1.02789	0.00146584	0.627513	-1.59359	0.117727	0.841679	-1.1881	0.153749	0.856468	-1.16759	0.308451	0.898575	-1.11287	3.43857	0.560523	0.144898	1
cg21188652	RQCD1	0.00052105	5.92E-05	0.156089	-6.40661	0.00811027	0.428631	-2.33301	0.0325997	0.535247	-1.8683	0.348989	0.785876	-1.27247	0.00146029	0.317071	-3.15387	0.164607	0.690356	-1.44853	4.63E-05	0.146332	-6.83378	0.0990626	0.636406	-1.57132	0.262929	0.747	-1.33869	14.1279	13.9752	0.879283	1
cg04726824	RQCD1	0.00472071	0.00642563	0.358007	-2.79324	0.428217	0.791065	-1.26412	0.255613	0.709002	-1.41043	0.0444769	0.512363	-1.95174	0.0132648	0.41093	-2.43351	0.436153	0.79437	-1.25886	0.000253811	0.174301	-5.7372	0.00199008	0.282199	-3.5436	0.114687	0.608281	-1.64398	7.46828	9.93184	1.18211	1
cg10643489	RQCD1	0.00883374	0.160192	1.2523	1.2523	0.0143309	1.57262	1.57262	0.100967	1.3091	1.3091	0.551104	1.09465	1.09465	0.0385024	0.698046	-1.43257	0.897858	1.01944	1.01944	0.0138621	0.633849	-1.57766	0.00424994	0.563426	-1.77485	0.163819	1.24956	1.24956	6.14862	2.18943	0.316519	1
cg26354238	RQCD1	0.0355284	0.812134	1.0394	1.0394	0.0921451	1.35104	1.35104	0.0137741	1.63913	1.63913	0.989691	1.0021	1.0021	0.655181	0.929648	-1.07568	0.69281	1.06656	1.06656	0.0535377	0.700577	-1.42739	0.959833	0.99186	-1.00821	0.00507598	1.8243	1.8243	3.8462	1.60449	0.370811	1
cg21247472	RQCD1;USP37	0.00155614	0.783962	1.10728	1.10728	0.0432967	0.422338	-2.36777	0.692239	0.862841	-1.15896	0.171101	1.71669	1.71669	0.0711186	0.473518	-2.11185	0.000190402	10.2989	10.2989	0.126691	0.541935	-1.84524	0.00106243	0.16622	-6.01613	0.229226	1.59659	1.59659	10.3692	22.5821	1.93582	1
cg02070354	RQCD1;USP37	0.0260616	0.127695	0.686439	-1.45679	0.0213928	1.88062	1.88062	0.154627	1.41627	1.41627	0.238982	1.3254	1.3254	0.712209	0.918842	-1.08833	0.00319748	2.50788	2.50788	0.530003	0.864737	-1.15642	0.0995976	0.662121	-1.5103	0.7234	1.08456	1.08456	4.29452	3.54937	0.734655	1
cg15482422	RRAD;RRAD	0.00185447	0.0901904	1.52211	1.52211	0.00885243	2.11619	2.11619	0.0904635	0.657262	-1.52146	0.398795	1.21451	1.21451	0.000591806	0.303141	-3.2988	0.245358	1.31438	1.31438	0.00941043	0.476834	-2.09717	0.00345976	2.44245	2.44245	0.99457	0.99847	-1.00153	9.85614	7.90053	0.71252	1
cg08634357	RRAD;RRAD	0.00228502	0.0159097	2.18401	2.18401	0.00908783	2.40365	2.40365	0.00372298	0.354658	-2.81962	0.0603681	1.75129	1.75129	0.0052839	0.378019	-2.64537	0.214792	0.707873	-1.41268	0.0183323	0.468924	-2.13254	0.022316	2.0636	2.0636	0.684165	0.897446	-1.11427	9.27374	10.2807	0.985403	1
cg05420738	RRAD;RRAD	0.0136055	0.331984	1.27429	1.27429	0.00152763	0.331251	-3.01886	0.871914	1.03985	1.03985	0.217447	1.36923	1.36923	0.74416	1.08254	1.08254	0.325209	0.781899	-1.27894	0.00543755	0.412389	-2.42489	0.510447	0.850717	-1.17548	0.0818895	1.59504	1.59504	5.34986	4.9696	0.825709	1
cg19428417	RRAD;RRAD	0.0273157	0.448868	0.768389	-1.30142	0.0110941	3.0779	3.0779	0.579701	1.21011	1.21011	0.117293	1.79783	1.79783	0.123415	0.562627	-1.77738	0.0133756	2.94274	2.94274	0.241227	1.52278	1.52278	0.00795564	3.33921	3.33921	0.161279	1.67272	1.67272	4.66427	8.37916	1.39724	1
cg08770961	RRAD;RRAD	0.0278755	0.142803	1.632	1.632	0.0295949	2.21775	2.21775	0.808332	1.07851	1.07851	0.247335	1.45666	1.45666	0.814243	1.07594	1.07594	0.208884	1.50975	1.50975	0.00075303	4.89968	4.89968	0.0395394	2.09674	2.09674	0.164078	1.58682	1.58682	4.19436	6.42408	1.36142	1
cg05544396	RRAD;RRAD	0.0309478	0.946936	0.972173	-1.02862	0.043532	2.67549	2.67549	0.0139717	3.62239	3.62239	0.252245	1.66046	1.66046	0.127605	0.497325	-2.01076	0.0447016	2.65688	2.65688	0.484578	1.35143	1.35143	0.00492638	4.85149	4.85149	0.27272	1.62259	1.62259	4.04186	11.5081	2.53087	1
cg13549760	RRAGA	0.0160345	0.125528	0.861377	-1.16093	0.501809	0.94049	-1.06328	0.677571	1.03835	1.03835	0.552125	1.05563	1.05563	0.0711055	1.19896	1.19896	0.057679	1.2131	1.2131	0.000704109	1.5917	1.5917	0.0376562	1.24237	1.24237	0.424608	1.07615	1.07615	5.06736	0.650139	0.114044	1
cg13452904	RRAGA	0.0388034	0.267196	1.20619	1.20619	0.00597545	0.55832	-1.79109	0.0328661	0.667125	-1.49897	0.690191	1.06714	1.06714	0.2537	0.824221	-1.21327	0.639592	1.07949	1.07949	0.0567644	1.41864	1.41864	0.305104	1.18795	1.18795	0.537427	1.10658	1.10658	3.72448	1.55149	0.370279	1
cg07470526	RRAGB;RRAGB	3.54E-05	5.76E-05	0.0971649	-10.2918	0.0370986	0.469333	-2.13068	0.0414667	0.479592	-2.08511	0.000342624	0.165005	-6.06043	1.95E-05	0.0667447	-14.9825	0.16937	1.58016	1.58016	3.77E-06	0.0342261	-29.2174	0.930436	1.02766	1.02766	0.898311	0.960831	-1.04077	29.1667	45.1167	1.37498	1
cg23979027	RRAGC	0.00295832	0.00163877	0.270048	-3.70304	0.0160228	0.424928	-2.35334	0.00943717	0.38477	-2.59896	0.0198276	0.441945	-2.26272	0.00054782	0.210431	-4.75214	0.0380498	0.497533	-2.00992	0.0314314	0.48064	-2.08056	0.0975136	1.69526	1.69526	0.897447	1.03814	1.03814	8.59376	11.4704	1.18643	1
cg13801712	RRAGC	0.00570667	0.244311	0.894895	-1.11745	0.0200225	0.774233	-1.2916	0.0225641	0.779571	-1.28276	0.00428126	0.705834	-1.41676	0.281679	0.903027	-1.10739	0.174299	0.876558	-1.14083	0.0382878	1.24469	1.24469	0.776017	1.02635	1.02635	0.00369872	1.42994	1.42994	7.0472	0.927717	0.117016	1
cg01799521	RRAGC	0.0499683	0.133493	0.531327	-1.88208	0.63025	1.20866	1.20866	0.605105	1.22606	1.22606	0.418479	0.723961	-1.38129	0.00875218	0.271223	-3.687	0.0731109	0.457973	-2.18354	0.0133004	0.301657	-3.31502	0.437123	1.36304	1.36304	0.0943588	0.487481	-2.05136	3.38895	8.19376	2.14915	1
cg17552046	RRAGD	0.00124524	0.00932291	0.663727	-1.50664	0.0100904	1.49699	1.49699	0.0151807	1.44871	1.44871	0.159896	1.20518	1.20518	0.275914	1.15126	1.15126	0.641039	0.943312	-1.06009	0.000442787	0.50192	-1.99235	0.00675234	1.54717	1.54717	0.0148092	1.45157	1.45157	11.0543	2.70419	0.217447	1
cg10675614	RRAGD	0.0360304	0.105283	0.338281	-2.95612	0.00175087	0.06511	-15.3586	0.720357	1.24626	1.24626	0.813124	0.864995	-1.15608	0.0389734	0.231407	-4.32139	0.231879	0.463986	-2.15524	0.0272386	0.201825	-4.95479	0.0894675	0.317682	-3.1478	0.21372	0.448514	-2.22959	3.82666	22.731	5.28016	1
cg13151707	RRAGD	0.0375035	0.0170436	0.217163	-4.60483	0.0493259	0.307943	-3.24735	0.472975	0.68167	-1.46699	0.925663	0.952187	-1.05021	0.00402366	0.131512	-7.60386	0.746541	0.84345	-1.18561	0.0312158	0.265217	-3.77049	0.65404	0.789127	-1.26722	0.0273195	0.253869	-3.93903	3.77122	16.4626	3.88029	1
cg00099766	RRAGD	0.0426205	0.0117041	0.116821	-8.56011	0.219348	0.414587	-2.41204	0.728616	1.26799	1.26799	0.162282	0.36167	-2.76495	0.0285724	0.171893	-5.81757	0.537601	0.653458	-1.53032	0.00435258	0.0745016	-13.4225	0.234536	0.427673	-2.33824	0.0609417	0.236989	-4.2196	3.59769	26.4756	6.5414	1
cg03312426	RRAS	0.00346145	?	?	?	0.0152163	0.240855	-4.15187	0.00454491	0.164462	-6.08042	0.643823	1.24899	1.24899	?	?	?	0.232109	1.81928	1.81928	0.796726	1.13119	1.13119	0.00198301	0.124164	-8.05386	0.00232936	0.131319	-7.61505	8.61011	24.1862	3.21034	1
cg06613203	RRAS	0.0186671	0.307176	0.921051	-1.08572	0.0504741	1.18937	1.18937	0.827643	1.01711	1.01711	0.940397	0.994199	-1.00583	0.000597251	0.66222	-1.51007	0.725083	1.02785	1.02785	0.863769	0.986729	-1.01345	0.719322	1.02847	1.02847	0.152064	1.12679	1.12679	4.81573	0.461614	0.0852049	1
cg10618635	RRAS2;RRAS2	9.07E-05	0.000242063	0.528018	-1.89387	0.000294862	0.537828	-1.85933	3.71E-05	0.434124	-2.30349	0.0266359	0.758546	-1.31831	0.0539263	1.25881	1.25881	0.00427328	0.668924	-1.49494	0.00157961	1.61165	1.61165	0.382874	0.910164	-1.0987	0.0191035	1.34764	1.34764	22.7233	3.98216	0.155774	1
cg16878676	RRAS2;RRAS2	0.000309604	0.00256995	0.425012	-2.35288	0.00688231	0.488631	-2.04653	3.22E-05	0.191057	-5.23405	0.0737534	0.664989	-1.50378	4.57E-05	0.206558	-4.84126	0.0256478	0.581253	-1.72042	0.0324813	0.599083	-1.66922	0.434451	1.17731	1.17731	0.00430575	0.457809	-2.18431	16.3088	10.8209	0.589776	1
cg11645556	RRAS2;RRAS2	0.000883419	0.0249633	0.553076	-1.80807	0.679247	1.0967	1.0967	0.0205875	0.538385	-1.85741	0.107402	0.676987	-1.47713	0.0120108	0.498794	-2.00483	0.516719	0.864199	-1.15714	0.00301273	0.405401	-2.4667	0.000480676	3.37373	3.37373	0.000498805	0.298448	-3.35067	12.1866	9.51246	0.69384	1
cg06860916	RRAS2;RRAS2	0.00659228	0.0797949	0.708295	-1.41184	0.968102	0.992931	-1.00712	0.099594	1.37741	1.37741	0.00589089	0.527688	-1.89506	0.00647119	0.533639	-1.87393	0.193046	1.27682	1.27682	0.00480306	1.94229	1.94229	0.444709	1.14823	1.14823	0.162564	1.30276	1.30276	6.73981	3.35952	0.443075	1
cg06362776	RRAS2;RRAS2	0.0124577	0.938394	1.02228	1.02228	0.512224	1.20866	1.20866	0.53776	1.19469	1.19469	0.00183456	0.283124	-3.53202	0.646715	1.14062	1.14062	0.00138635	0.266713	-3.74936	0.478996	0.81449	-1.22776	0.420643	0.790911	-1.26436	0.217273	1.44789	1.44789	5.50611	7.08876	1.14439	1
cg01646268	RRAS2;RRAS2	0.0161509	0.698758	0.869599	-1.14996	0.188007	0.605779	-1.65077	0.0405607	0.427531	-2.33901	0.0369764	2.38785	2.38785	0.0197106	0.3635	-2.75103	0.102755	1.89914	1.89914	0.409097	1.35437	1.35437	0.0256677	2.59155	2.59155	0.0329481	0.40812	-2.45026	5.05517	10.3354	1.81736	1
cg22106556	RRAS2;RRAS2	0.0185664	0.0941838	0.744709	-1.34281	0.0335717	1.48838	1.48838	0.105049	0.752973	-1.32807	0.341511	0.854702	-1.17	0.263506	1.20529	1.20529	0.0109526	0.599619	-1.66773	0.0578178	0.70923	-1.40998	0.0747521	1.37431	1.37431	0.0972897	1.33842	1.33842	4.82452	1.96067	0.361241	1
cg19336497	RRAS2;RRAS2	0.0243803	0.0146015	0.546708	-1.82913	0.913814	0.978497	-1.02198	0.0900476	0.687201	-1.45518	0.382265	1.19711	1.19711	0.184592	0.753862	-1.3265	0.0129492	0.538308	-1.85767	0.266872	0.792743	-1.26144	0.00257438	0.4321	-2.31428	0.762425	1.06277	1.06277	4.39539	2.80634	0.567532	1
cg26447697	RRBP1;RRBP1	0.000196438	0.0145881	2.50857	2.50857	4.06E-05	10.9642	10.9642	0.000808096	4.68919	4.68919	0.0859033	1.78656	1.78656	0.00422652	0.310045	-3.22534	0.343678	0.742116	-1.3475	0.00111548	0.230374	-4.34077	0.0127314	2.57656	2.57656	0.811671	1.07571	1.07571	18.4609	27.3328	1.31607	1
cg03704771	RRBP1;RRBP1	0.00696133	0.265747	0.723469	-1.38223	0.054943	0.544706	-1.83585	0.756941	1.09052	1.09052	0.0192524	2.20408	2.20408	0.000954668	0.253104	-3.95094	0.00511693	0.356144	-2.80785	0.0676246	0.564699	-1.77085	0.377076	0.776477	-1.28787	0.587989	1.16494	1.16494	6.62655	8.17638	1.09678	1
cg12632411	RRBP1;RRBP1	0.00870908	0.477555	1.24951	1.24951	0.000812938	4.747	4.747	0.640856	0.865087	-1.15595	0.55337	1.20316	1.20316	0.740694	1.10787	1.10787	0.559879	1.19944	1.19944	0.00353772	3.38585	3.38585	0.00311075	3.48172	3.48172	0.0949739	1.76119	1.76119	6.17636	9.30766	1.33954	1
cg15815375	RRBP1;RRBP1	0.0121484	0.014989	0.503278	-1.98697	0.0135008	0.495591	-2.01779	0.0066377	0.445373	-2.24531	0.036052	0.571331	-1.7503	0.00235737	0.377556	-2.64861	0.0335578	0.565507	-1.76833	0.0145832	0.501253	-1.995	0.317183	0.788682	-1.26794	0.0226031	0.534294	-1.87163	5.55131	4.63417	0.742034	1
cg07597892	RRBP1;RRBP1	0.0155645	0.0552342	0.475727	-2.10205	0.795138	0.914892	-1.09302	0.162332	0.600518	-1.66523	0.426533	1.31988	1.31988	0.0190156	0.378858	-2.63951	0.0760111	0.509176	-1.96396	0.00119208	0.197131	-5.07276	0.0110333	0.336268	-2.97381	0.0579292	0.480565	-2.08088	5.1177	9.47169	1.64513	1
cg02460349	RRBP1;RRBP1	0.0299582	0.00823558	0.615439	-1.62486	0.168124	1.23487	1.23487	0.0841824	1.31577	1.31577	0.0870411	1.31181	1.31181	0.244454	1.19112	1.19112	0.495415	1.10453	1.10453	0.253773	0.842672	-1.1867	0.177883	0.814129	-1.22831	0.0408033	1.40376	1.40376	4.08886	1.33594	0.290423	1
cg18455653	RRBP1;RRBP1;RRBP1;RRBP1	0.000125341	0.000255373	0.699164	-1.43028	0.00510387	0.802624	-1.24591	0.312727	0.939843	-1.06401	0.0198753	0.846172	-1.18179	0.000825974	0.741377	-1.34884	0.000273041	0.701636	-1.42524	0.00134478	1.31887	1.31887	0.00226539	1.2889	1.2889	0.0199544	1.18162	1.18162	20.84	1.16513	0.0496963	1
cg03137792	RREB1;RREB1;RREB1;RREB1	2.25E-07	6.39E-05	0.486967	-2.05353	0.00973427	0.726145	-1.37714	1.80E-06	0.312154	-3.20355	0.114281	0.845254	-1.18308	0.000533982	0.590072	-1.69471	5.62E-07	0.257937	-3.87691	4.17E-09	0.0795	-12.5786	0.0165289	0.750824	-1.33187	2.95E-05	0.448746	-2.22843	107.141	16.253	0.134842	1
cg24899545	RREB1;RREB1;RREB1;RREB1	2.73E-05	0.84564	1.03749	1.03749	9.03E-05	0.26653	-3.75192	1.15E-05	0.17261	-5.79342	0.000139392	0.288643	-3.46449	0.00266836	0.456426	-2.19094	8.30E-05	0.262349	-3.81172	4.03E-06	0.132481	-7.54824	0.00512173	0.497399	-2.01046	0.0066514	0.514257	-1.94455	31.231	17.6384	0.502018	1
cg24524546	RREB1;RREB1;RREB1;RREB1	5.23E-05	0.000306239	0.359417	-2.78228	0.029317	1.56526	1.56526	0.430323	1.15084	1.15084	0.846275	1.03446	1.03446	0.342219	0.842993	-1.18625	0.0049651	0.522488	-1.91392	9.22E-07	0.103689	-9.6442	0.25101	0.811129	-1.23285	0.362553	0.849309	-1.17743	26.3104	12.6932	0.428835	1
cg03626625	RREB1;RREB1;RREB1;RREB1	7.10E-05	0.0317442	0.621705	-1.60848	0.0811868	0.694205	-1.4405	0.000194045	0.30605	-3.26744	0.182123	0.7654	-1.30651	0.00368955	0.476687	-2.09781	0.000129701	0.285012	-3.50863	3.34E-06	0.126008	-7.93599	0.376884	0.842662	-1.18672	9.62E-05	0.269794	-3.70654	24.2547	13.6917	0.501774	1
cg03551454	RREB1;RREB1;RREB1;RREB1	9.76E-05	0.129629	1.1615	1.1615	0.00123555	0.649312	-1.54009	0.000231379	0.571883	-1.74861	0.540011	1.05837	1.05837	0.000619204	0.617722	-1.61885	1.80E-05	0.449013	-2.22711	0.000386216	0.595864	-1.67823	0.184146	1.13748	1.13748	0.000909668	0.635368	-1.57389	22.2861	2.9509	0.117698	1
cg20893838	RREB1;RREB1;RREB1;RREB1	0.000136709	0.147625	0.749949	-1.33342	0.802009	0.954531	-1.04763	0.11244	0.726094	-1.37723	0.018936	0.590743	-1.69278	0.561809	0.897047	-1.11477	1.04E-06	0.0936218	-10.6813	0.409028	0.85522	-1.16929	0.897621	0.97644	-1.02413	0.0241381	0.607728	-1.64547	20.3593	11.0615	0.482948	1
cg04764169	RREB1;RREB1;RREB1;RREB1	0.000143844	0.502439	0.884014	-1.1312	0.866978	1.03083	1.03083	0.0487283	0.665162	-1.50339	0.531683	1.12159	1.12159	0.000151331	0.307971	-3.24706	9.81E-05	0.285561	-3.50187	9.98E-06	0.17944	-5.57291	0.471596	0.875786	-1.14183	0.00395714	0.495603	-2.01774	20.0824	10.4344	0.46185	1
cg01451329	RREB1;RREB1;RREB1;RREB1	0.000161388	0.300754	0.808684	-1.23658	0.932697	1.01687	1.01687	0.110947	0.708992	-1.41045	0.722831	0.931904	-1.07307	0.618618	1.10449	1.10449	1.22E-06	0.0836895	-11.9489	0.741959	1.06762	1.06762	0.588274	0.897414	-1.11431	0.248797	0.787626	-1.26964	19.4688	12.0927	0.552118	1
cg03391776	RREB1;RREB1;RREB1;RREB1	0.000184462	0.0849298	0.662299	-1.50989	0.0906485	1.4966	1.4966	0.0424814	0.603325	-1.65748	0.25397	0.772864	-1.29389	0.000178303	0.253273	-3.94831	0.0026492	0.406793	-2.45825	8.06E-06	0.121142	-8.25475	0.0905111	1.4969	1.4969	0.0445607	0.60721	-1.64688	18.7781	13.9125	0.658567	1
cg22335826	RREB1;RREB1;RREB1;RREB1	0.000197402	0.137251	0.805886	-1.24087	0.992933	0.998807	-1.00119	0.395105	1.1246	1.1246	0.0989047	0.783531	-1.27627	0.000136515	2.43477	2.43477	0.304704	1.15409	1.15409	0.000514133	0.481445	-2.07708	3.87E-05	2.89524	2.89524	0.627443	0.936186	-1.06816	18.4364	5.30804	0.255921	1
cg19696794	RREB1;RREB1;RREB1;RREB1	0.000273847	0.0787773	0.600281	-1.66589	0.0740919	1.68265	1.68265	0.00127754	0.292857	-3.41463	0.0285706	0.508971	-1.96475	0.0010587	0.282002	-3.54607	0.000106707	0.167373	-5.97468	6.48E-05	0.146859	-6.80925	0.123274	1.54724	1.54724	0.509979	0.839685	-1.19092	16.8655	18.2568	0.962217	1
cg04418434	RREB1;RREB1;RREB1;RREB1	0.000453064	0.0135493	0.432256	-2.31344	0.868994	0.955698	-1.04636	0.047217	0.536171	-1.86508	0.00106764	0.265182	-3.771	0.0198901	0.462274	-2.16322	0.00028128	0.195944	-5.10349	2.49E-05	0.100307	-9.96935	0.1174	0.626976	-1.59496	0.00154021	0.286315	-3.49266	14.6861	17.5271	1.06084	1
cg14919455	RREB1;RREB1;RREB1;RREB1	0.00124995	0.0845289	0.687086	-1.45542	0.0952917	1.43403	1.43403	0.135813	0.728935	-1.37186	0.0259626	0.59458	-1.68186	0.00502516	0.481924	-2.07501	5.87E-05	0.231431	-4.32095	0.00600084	0.493468	-2.02647	0.188132	1.31563	1.31563	0.0358266	0.618561	-1.61665	11.0424	6.76609	0.544656	1
cg07216133	RREB1;RREB1;RREB1;RREB1	0.00175126	0.0253273	3.24707	3.24707	0.000219005	15.3221	15.3221	0.0217275	3.38867	3.38867	0.0127535	3.93827	3.93827	0.0219066	0.295778	-3.38091	0.322851	0.636127	-1.57201	0.113105	0.465865	-2.14654	0.0596638	2.56372	2.56372	0.0132015	3.89967	3.89967	10.0212	31.1442	2.76251	1
cg05468429	RREB1;RREB1;RREB1;RREB1	0.001877	0.590698	0.866699	-1.1538	0.102969	0.624975	-1.60006	0.0119766	0.437773	-2.28429	0.856172	0.953318	-1.04897	0.000434059	0.230872	-4.33141	0.188355	0.692619	-1.44379	7.07E-05	0.148083	-6.75299	0.262126	0.734838	-1.36084	0.0704514	0.586985	-1.70362	9.82162	10.8002	0.977454	1
cg13832604	RREB1;RREB1;RREB1;RREB1	0.00243781	0.0121579	3.45225	3.45225	0.00139581	6.26927	6.26927	0.0150734	3.26824	3.26824	0.00842483	3.79597	3.79597	0.00546546	0.234882	-4.25745	0.406188	0.713985	-1.40059	0.689334	1.1727	1.1727	0.0172755	3.15753	3.15753	0.0137464	3.34567	3.34567	9.09921	22.6511	2.21275	1
cg24952411	RREB1;RREB1;RREB1;RREB1	0.00244199	0.0817996	1.73607	1.73607	0.00175562	3.57953	3.57953	0.991549	1.00303	1.00303	0.0750809	1.76288	1.76288	0.005182	0.348015	-2.87344	0.23775	0.702053	-1.42439	0.00155018	0.272052	-3.67577	0.0524	1.87942	1.87942	0.343607	0.7565	-1.32188	9.09463	11.784	1.15175	1
cg08055087	RREB1;RREB1;RREB1;RREB1	0.00303349	0.212977	1.71124	1.71124	0.0178082	3.25429	3.25429	0.15513	0.536256	-1.86478	0.0855537	2.17801	2.17801	0.00491145	0.217302	-4.60189	0.138174	0.520045	-1.92291	0.000956716	0.133254	-7.50448	0.0163366	3.32823	3.32823	0.832201	1.09079	1.09079	8.52998	22.6641	2.36178	1
cg09754197	RREB1;RREB1;RREB1;RREB1	0.00525283	0.42738	0.687535	-1.45447	0.979147	1.01216	1.01216	0.149514	0.489462	-2.04306	0.338224	0.63355	-1.57841	0.991833	1.00474	1.00474	0.0010775	0.107292	-9.32033	0.00018324	0.0537289	-18.612	0.154177	0.493997	-2.0243	0.142686	0.482663	-2.07184	7.22875	24.4707	3.00906	1
cg20894884	RREB1;RREB1;RREB1;RREB1	0.00554355	0.00480128	0.539338	-1.85412	0.0992606	1.34733	1.34733	0.608808	0.918366	-1.08889	0.177681	0.789522	-1.26659	0.134833	0.766468	-1.30469	0.000920101	0.441808	-2.26343	0.577381	0.911313	-1.09732	0.106166	0.747432	-1.33791	0.00156928	0.472677	-2.11561	7.11031	3.06511	0.383182	1
cg11400143	RREB1;RREB1;RREB1;RREB1	0.00615038	0.841896	0.968859	-1.03214	0.0642791	0.719409	-1.39003	0.00125365	0.474075	-2.10937	0.00977479	1.67788	1.67788	0.621192	1.0821	1.0821	0.0184942	0.636	-1.57233	0.0594196	1.40084	1.40084	0.607585	1.08551	1.08551	0.0887017	0.742702	-1.34643	6.8863	2.73677	0.353264	1
cg00421164	RREB1;RREB1;RREB1;RREB1	0.00832192	0.251486	0.562878	-1.77658	0.0369973	0.3129	-3.19591	0.0125702	0.225643	-4.43179	?	?	?	0.0907583	0.40908	-2.44451	0.0040142	0.156559	-6.38737	0.00345067	0.148831	-6.71901	0.961439	0.977075	-1.02346	0.0027353	0.137539	-7.27064	6.39372	20.7112	3.23931	1
cg10287970	RREB1;RREB1;RREB1;RREB1	0.00925969	0.0223306	0.271767	-3.67962	0.168565	0.497513	-2.01	0.0139106	0.235535	-4.24565	0.0100543	0.213126	-4.69207	0.0236669	0.276536	-3.61617	0.00769711	0.196024	-5.10142	0.00107464	0.100408	-9.95937	0.0146076	0.239075	-4.18279	0.0600809	0.364484	-2.74361	6.05739	21.7234	3.18779	1
cg10531055	RREB1;RREB1;RREB1;RREB1	0.0110747	0.583699	1.1369	1.1369	0.328152	0.791358	-1.26365	0.0282353	0.548468	-1.82326	0.257437	0.760331	-1.31522	0.334138	0.793783	-1.25979	0.548692	1.15107	1.15107	0.000190146	0.232628	-4.29871	0.174962	0.715722	-1.39719	0.633917	0.894734	-1.11765	5.72003	4.86943	0.756706	1
cg24649269	RREB1;RREB1;RREB1;RREB1	0.0120806	0.379604	0.836165	-1.19594	0.252327	1.26791	1.26791	0.00059609	0.349232	-2.86343	0.57649	0.894033	-1.11853	0.247011	0.786396	-1.27162	0.626177	0.907146	-1.10236	0.0108816	1.88641	1.88641	0.586366	1.11524	1.11524	0.824397	1.0451	1.0451	5.56139	3.47104	0.554784	1
cg01351783	RREB1;RREB1;RREB1;RREB1	0.0124435	0.0294733	0.189947	-5.26463	0.361382	0.54452	-1.83648	0.768592	0.826017	-1.21063	0.10391	0.316015	-3.16441	0.00400601	0.0816467	-12.2479	0.0107245	0.125255	-7.98373	0.00101104	0.0424243	-23.5714	0.0628613	0.257725	-3.88011	0.0941305	0.303505	-3.29484	5.50816	36.615	5.90882	1
cg18097155	RREB1;RREB1;RREB1;RREB1	0.0125422	0.591013	1.11751	1.11751	0.00114578	2.6622	2.6622	0.195652	1.32351	1.32351	0.112251	1.42498	1.42498	0.0437342	1.60768	1.60768	0.0124483	0.528898	-1.89072	0.147822	1.37439	1.37439	0.472133	0.86089	-1.16159	0.64471	1.09977	1.09977	5.49401	3.64992	0.59053	1
cg08651674	RREB1;RREB1;RREB1;RREB1	0.0161237	0.783631	0.972497	-1.02828	0.258191	1.12698	1.12698	0.00783216	1.41311	1.41311	0.766819	1.03059	1.03059	0.795039	0.973968	-1.02673	0.0435712	0.79048	-1.26505	0.00184481	0.638897	-1.5652	0.62655	1.05094	1.05094	0.687921	1.04176	1.04176	5.05801	0.822365	0.144521	1
cg04215856	RREB1;RREB1;RREB1;RREB1	0.0171064	0.0179328	0.61667	-1.62161	0.184145	1.26715	1.26715	0.00913672	0.573212	-1.74456	0.928194	1.01526	1.01526	0.249676	0.816941	-1.22408	0.00136782	0.45807	-2.18307	0.298829	0.834454	-1.19839	0.136927	0.763941	-1.309	0.361625	0.854192	-1.1707	4.95912	2.21839	0.397632	1
cg18255813	RREB1;RREB1;RREB1;RREB1	0.0226985	0.182376	2.16149	2.16149	0.00703808	6.66928	6.66928	0.0414618	3.59897	3.59897	0.352846	1.68319	1.68319	0.229119	0.502899	-1.98847	0.0871801	0.35749	-2.79728	0.044029	0.283562	-3.52656	0.0670861	3.05813	3.05813	0.396836	1.60407	1.60407	4.50528	21.1662	4.17607	1
cg11433624	RREB1;RREB1;RREB1;RREB1	0.0245209	0.00555981	0.276022	-3.62291	0.0686889	0.486691	-2.05469	0.0160639	0.352993	-2.83292	0.043106	0.439353	-2.27607	0.00932638	0.311774	-3.20745	0.198909	0.618934	-1.61568	0.0151265	0.348236	-2.87162	0.0607912	0.47379	-2.11064	0.0494154	0.452723	-2.20886	4.38662	8.67726	1.75833	1
cg07601536	RREB1;RREB1;RREB1;RREB1	0.0271231	0.0477952	0.357626	-2.79622	0.419403	0.687383	-1.45479	0.0856254	0.421778	-2.37091	0.365491	0.655423	-1.52573	0.0159575	0.261661	-3.82174	0.0242387	0.295063	-3.38911	0.00145947	0.123872	-8.07284	0.28181	0.601572	-1.66231	0.0583979	0.378428	-2.64251	4.2349	13.847	2.90643	1
cg04208750	RREB1;RREB1;RREB1;RREB1	0.0301659	0.282573	0.588115	-1.70035	0.00503814	5.83278	5.83278	0.0224542	0.272549	-3.66906	0.430559	0.682159	-1.46593	0.0179753	0.254929	-3.92267	0.845181	0.911246	-1.0974	0.863677	1.08513	1.08513	0.730068	1.179	1.179	0.82418	1.11158	1.11158	4.07883	14.6003	3.18181	1
cg04112539	RREB1;RREB1;RREB1;RREB1;RREB1	0.000314805	0.92814	0.981564	-1.01878	0.0217569	1.76505	1.76505	0.391237	0.834252	-1.19868	0.000518637	0.327289	-3.0554	4.25E-05	0.200729	-4.98184	0.245033	1.28513	1.28513	0.0188102	1.79885	1.79885	0.00497719	2.15318	2.15318	0.170968	1.35086	1.35086	16.2345	10.9423	0.59912	1
cg18533466	RREB1;RREB1;RREB1;RREB1;RREB1	0.00208259	0.873522	0.979787	-1.02063	0.389478	1.11968	1.11968	0.387091	1.12035	1.12035	0.988117	0.998093	-1.00191	0.0154281	1.46373	1.46373	0.945536	1.0088	1.0088	0.000264623	0.46393	-2.1555	0.000553272	0.50301	-1.98803	0.481705	0.912411	-1.096	9.52879	2.47962	0.23131	1
cg08355568	RREB1;RREB1;RREB1;RREB1;RREB1;RREB1;RREB1	0.00394062	0.290801	0.816267	-1.22509	0.2356	1.25883	1.25883	0.905644	0.97828	-1.0222	0.0453769	1.52969	1.52969	0.78082	1.05301	1.05301	0.259826	1.24318	1.24318	0.000102719	0.279961	-3.57193	0.0587519	0.67344	-1.48491	0.780786	1.05302	1.05302	7.88796	4.2844	0.482807	1
cg14451216	RRH	0.00291151	0.40388	1.17422	1.17422	0.0183991	0.584035	-1.71223	0.388715	0.846961	-1.18069	0.543829	1.12247	1.12247	0.036013	0.632173	-1.58185	8.68E-05	0.266072	-3.75838	0.119495	0.727853	-1.3739	0.571331	1.11356	1.11356	0.00780778	0.526181	-1.90049	8.63451	4.83485	0.497729	1
cg07850274	RRH	0.00616104	0.0107892	2.18704	2.18704	0.900989	0.970045	-1.03088	0.129326	0.670022	-1.49249	0.16826	1.43157	1.43157	0.00882548	0.442792	-2.25839	0.0775826	1.61498	1.61498	0.0656333	1.65667	1.65667	0.00213725	2.86925	2.86925	0.0466793	1.74464	1.74464	6.88261	6.50803	0.840512	1
cg22236410	RRM1	7.40E-06	0.343532	0.884774	-1.13023	0.0341227	1.3637	1.3637	0.00351515	1.64314	1.64314	0.0523619	1.31893	1.31893	2.26E-07	0.141814	-7.05149	0.975598	0.99617	-1.00384	2.58E-05	0.351334	-2.8463	0.0115378	0.672771	-1.48639	0.00467019	0.623815	-1.60304	43.8576	10.9336	0.221598	1
cg08557956	RRM1	0.00491974	0.324342	0.874007	-1.14416	0.408592	0.894197	-1.11832	0.851727	1.02507	1.02507	0.198571	1.19693	1.19693	0.905636	1.01581	1.01581	0.319185	1.14592	1.14592	0.000125399	0.413146	-2.42045	0.0234534	1.43069	1.43069	0.994725	0.999126	-1.00088	7.37492	2.04466	0.246441	1
cg13518437	RRM1	0.0346121	0.0101207	0.665186	-1.50334	0.567429	0.929942	-1.07534	0.996714	0.999483	-1.00052	0.463498	1.0983	1.0983	0.771788	0.964115	-1.03722	0.217076	0.849422	-1.17727	0.00139737	0.558932	-1.78913	0.474586	0.912673	-1.09568	0.264213	0.863951	-1.15747	3.88275	0.971046	0.222304	1
cg17565360	RRM1	0.0399779	0.213688	0.889603	-1.1241	0.0960594	1.17738	1.17738	0.375467	0.921948	-1.08466	0.377191	0.922233	-1.08432	0.73895	0.970562	-1.03033	0.32553	0.913294	-1.09494	0.00126837	0.656937	-1.52222	0.71091	0.967286	-1.03382	0.444381	1.07214	1.07214	3.68389	0.465709	0.112371	1
cg26612563	RRM1	0.0479129	0.859532	0.977593	-1.02292	0.609384	0.936198	-1.06815	0.93461	0.989557	-1.01055	0.605755	1.06888	1.06888	0.126255	0.80926	-1.2357	0.00441275	0.614966	-1.62611	0.0110761	0.665278	-1.50313	0.0787001	0.778938	-1.2838	0.564408	1.07738	1.07738	3.44333	0.892583	0.230419	1
cg09255694	RRM1;RRM1	0.00373225	0.0179593	0.758275	-1.31878	0.291882	0.900111	-1.11097	0.000420005	1.71262	1.71262	0.0625875	0.817378	-1.22342	0.503152	0.936706	-1.06757	0.0399464	0.79573	-1.25671	0.159988	0.865482	-1.15543	0.0210039	1.30627	1.30627	0.616473	0.952568	-1.04979	8.01788	1.1759	0.130364	1
cg16504939	RRM2;RRM2	0.000196206	0.00661282	0.772375	-1.29471	0.0455468	0.845367	-1.18292	0.0244526	0.821689	-1.21701	0.704712	0.972493	-1.02829	0.00149919	0.715153	-1.3983	0.0351579	0.835461	-1.19694	2.56E-06	0.434979	-2.29896	0.135938	0.888948	-1.12493	0.00250846	0.73526	-1.36006	18.4668	1.56971	0.0755571	1
cg19516340	RRM2;RRM2	0.000571078	0.168411	0.812539	-1.23071	0.00793144	0.617837	-1.61855	0.106903	1.28268	1.28268	0.200765	0.82603	-1.21061	0.0154173	0.656751	-1.52265	0.0190355	1.49405	1.49405	3.66E-05	0.324996	-3.07696	0.00242019	0.550251	-1.81735	0.228267	1.19585	1.19585	13.7722	4.36345	0.281627	1
cg02237186	RRM2;RRM2	0.00186324	0.862602	0.978088	-1.0224	0.036869	1.36353	1.36353	0.0494971	1.33199	1.33199	0.527755	0.921431	-1.08527	0.103133	0.796099	-1.25613	0.367263	0.888286	-1.12576	5.63E-05	0.383981	-2.6043	0.0403426	0.73866	-1.3538	0.0625883	0.764888	-1.30738	9.84264	2.55014	0.230303	1
cg18623836	RRM2;RRM2	0.00850263	0.146689	0.67258	-1.48681	0.191673	1.42184	1.42184	0.109735	1.55887	1.55887	0.513674	0.844803	-1.18371	0.00643996	0.405662	-2.46511	0.17236	0.690842	-1.44751	0.00440477	0.379851	-2.63261	0.105656	1.56842	1.56842	0.00654359	0.406769	-2.4584	6.22341	6.39047	0.91275	1
cg03761810	RRM2;RRM2	0.0253954	0.646299	0.947416	-1.0555	0.00165309	1.69288	1.69288	0.0705646	1.26648	1.26648	0.143286	1.20187	1.20187	0.327686	0.888595	-1.12537	0.411663	1.10311	1.10311	0.0420859	0.760489	-1.31494	0.881963	1.01752	1.01752	0.781724	0.968051	-1.033	4.3335	0.937952	0.192393	1
cg24419094	RRM2;RRM2	0.0259802	0.161298	0.469726	-2.1289	0.0178982	0.233751	-4.27805	0.143409	0.451952	-2.21262	0.499075	0.707098	-1.41423	0.0792147	0.373715	-2.67583	0.0118971	0.204819	-4.88235	0.00168706	0.103636	-9.64913	0.0472158	0.317624	-3.14838	0.112491	0.417814	-2.39341	4.29922	17.3712	3.59159	1
cg04817183	RRM2;RRM2	0.0390716	0.699424	1.05784	1.05784	0.0160749	1.53259	1.53259	0.300121	1.16838	1.16838	0.292489	0.853611	-1.17149	0.414008	0.886015	-1.12865	0.00495468	0.583185	-1.71472	0.136919	0.792785	-1.26138	0.833147	0.969889	-1.03105	0.592801	1.08137	1.08137	3.71508	1.23584	0.295693	1
cg27484483	RRM2B	2.52E-05	0.0012094	0.541046	-1.84827	7.50E-05	0.393869	-2.53892	4.88E-05	0.371719	-2.69021	0.0153756	0.680105	-1.47036	0.000223594	0.451075	-2.21692	6.79E-05	0.388737	-2.57243	1.02E-05	0.293364	-3.40874	4.95E-05	0.372463	-2.68483	2.06E-05	0.32807	-3.04813	31.874	8.48	0.236487	1
cg00440841	RRM2B	0.00199723	0.000174827	2.32138	2.32138	0.160947	0.820337	-1.21901	0.454349	1.10605	1.10605	0.00332436	1.69671	1.69671	0.605177	1.07141	1.07141	0.629319	0.937699	-1.06644	0.0037701	0.596285	-1.67705	0.360438	1.13241	1.13241	0.620331	1.06827	1.06827	9.64579	2.67219	0.246251	1
cg24273876	RRM2B	0.00901298	0.610351	1.07391	1.07391	0.616933	0.932418	-1.07248	0.102975	1.28083	1.28083	0.0592062	1.34387	1.34387	0.00133241	1.91044	1.91044	0.0989107	1.28536	1.28536	0.0322107	0.706064	-1.4163	0.0187931	0.673687	-1.48437	0.394687	1.12858	1.12858	6.10958	1.86287	0.271031	1
cg14963498	RRM2B	0.023867	0.0458836	0.374385	-2.67105	0.0641552	2.44261	2.44261	0.191792	1.80986	1.80986	0.0512008	0.385489	-2.59411	0.0250086	0.318267	-3.14202	0.617154	1.24157	1.24157	0.754921	1.14389	1.14389	0.300648	1.5848	1.5848	0.0113058	0.256163	-3.90377	4.42791	12.926	2.59486	1
cg00395579	RRM2B	0.0334915	0.757881	0.894599	-1.11782	0.0860571	0.504977	-1.98029	0.0299062	0.398422	-2.5099	0.615101	1.20036	1.20036	0.00347391	0.2396	-4.17362	0.0220586	0.371959	-2.68847	0.881642	0.947749	-1.05513	0.339994	1.42508	1.42508	0.113491	0.537753	-1.85959	3.92911	8.07419	1.82663	1
cg09486868	RRN3	9.30E-05	0.265648	1.19402	1.19402	0.142075	1.27289	1.27289	0.00907612	0.602377	-1.66009	0.433497	0.884989	-1.12996	0.12612	0.776473	-1.28788	0.00409575	1.80188	1.80188	2.81E-06	0.179741	-5.56356	0.015746	0.636111	-1.57205	0.0121827	1.61214	1.61214	22.5735	8.35513	0.329004	1
cg06926815	RRN3	0.0113339	0.0600387	0.308785	-3.23849	0.0036429	0.113182	-8.83533	0.0102953	0.166802	-5.99513	0.0900197	0.355214	-2.81521	0.0349073	0.256212	-3.90301	0.0522809	0.294427	-3.39642	0.00824968	0.153899	-6.49776	0.203856	2.10191	2.10191	0.0128852	0.180793	-5.53118	5.67748	27.5903	4.31965	1
cg03152385	RRN3	0.0304126	0.0123693	0.319953	-3.12546	0.245063	0.640851	-1.56042	0.812973	1.0906	1.0906	0.240673	1.56754	1.56754	0.00508294	0.25789	-3.87762	0.188889	1.66425	1.66425	0.050217	0.441792	-2.26351	0.327939	0.691061	-1.44705	0.195913	0.606242	-1.64951	4.06704	8.62568	1.88522	1
cg27210490	RRN3	0.0479881	0.464437	1.34334	1.34334	0.104952	0.49541	-2.01853	0.71446	0.864446	-1.15681	0.942539	0.971829	-1.02899	0.00461231	0.224376	-4.45681	0.190308	0.577053	-1.73294	0.309177	0.658885	-1.51771	0.0317838	2.71197	2.71197	0.378344	0.698864	-1.43089	3.44129	8.56476	2.21228	1
cg07070305	RRN3P1	0.0165907	0.525493	0.804471	-1.24305	0.0297852	2.37456	2.37456	0.263517	1.48317	1.48317	0.0194383	0.384629	-2.59991	0.00459119	0.279165	-3.58211	0.0323059	0.428411	-2.33421	0.582417	0.828781	-1.20659	0.332604	1.40215	1.40215	0.303592	1.43382	1.43382	5.01011	9.07467	1.61002	1
cg07611887	RRN3P1	0.0484852	0.0621331	0.295125	-3.3884	0.00207991	0.0805983	-12.4072	0.0770379	0.319024	-3.13456	0.72696	0.815704	-1.22594	0.0562576	0.284723	-3.51218	0.257892	0.503559	-1.98587	0.0503281	0.273506	-3.65623	0.382874	0.594521	-1.68203	0.109363	0.362606	-2.75781	3.42791	18.3325	4.75379	1
cg06631160	RRN3P2	0.0176868	0.022429	0.188412	-5.30753	0.00259672	0.0783454	-12.764	0.0155809	0.163651	-6.11056	0.162642	0.402671	-2.48342	0.0174926	0.17118	-5.8418	0.0669942	0.285643	-3.50087	0.0250719	0.196633	-5.08561	0.930645	0.948264	-1.05456	0.0165079	0.167373	-5.97466	4.90397	28.9257	5.24306	1
cg03662014	RRN3P2	0.0250275	0.0499567	0.2058	-4.8591	0.00693446	0.0845353	-11.8294	0.018883	0.133873	-7.46976	0.0840046	0.258731	-3.86503	0.0375951	0.181641	-5.50537	0.0693208	0.237678	-4.20738	0.0398531	0.186358	-5.36601	0.137611	3.09772	3.09772	0.118973	0.302223	-3.30882	4.35557	34.4931	7.03939	1
cg24949133	RRN3P2	0.0282291	0.861836	1.03836	1.03836	0.120118	1.43952	1.43952	0.00105264	2.84949	2.84949	0.282051	1.27321	1.27321	0.864791	0.963845	-1.03751	0.209133	0.751226	-1.33116	0.877683	1.03384	1.03384	0.0899831	0.667786	-1.49749	0.534955	1.14542	1.14542	4.17577	3.08756	0.657244	1
cg05484548	RRN3P2	0.0412873	0.0570683	0.110659	-9.03675	0.00701557	0.0283146	-35.3175	0.015655	0.0483421	-20.6859	0.291572	0.326624	-3.06163	0.0460188	0.0965265	-10.3598	0.107263	0.165712	-6.03455	0.0523214	0.104721	-9.54915	0.673721	1.54187	1.54187	0.0471084	0.0979712	-10.2071	3.64033	60.2736	14.7175	1
cg02785101	RRN3P3	0.022427	0.0426165	1.32363	1.32363	0.0203048	0.714584	-1.39942	0.512484	0.923311	-1.08306	0.232407	1.16232	1.16232	0.0173399	0.706052	-1.41633	0.817415	0.972605	-1.02817	0.0540089	1.30045	1.30045	0.102507	0.806857	-1.23938	0.0768124	0.789485	-1.26665	4.52397	1.03372	0.203109	1
cg06143244	RRN3P3	0.0281161	0.668555	0.962924	-1.0385	0.501205	0.941873	-1.06171	0.148085	0.872751	-1.1458	0.840381	1.01785	1.01785	0.101092	1.17058	1.17058	0.521943	1.05859	1.05859	0.00189182	1.47146	1.47146	0.0420462	0.814241	-1.22814	0.575585	0.951594	-1.05087	4.18168	0.509624	0.10833	1
cg02203680	RRN3P3	0.0360084	0.527564	0.897247	-1.11452	0.00407753	1.9213	1.9213	0.869238	1.0283	1.0283	0.338981	0.846238	-1.1817	0.025128	0.637656	-1.56824	0.779878	0.953648	-1.04861	0.0906734	0.79124	-1.26383	0.182157	1.27108	1.27108	0.538779	0.899946	-1.11118	3.82751	1.73947	0.403969	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10261819	RRN3P3;LOC641298	0.0458217	0.118283	1.28664	1.28664	0.185742	1.23186	1.23186	0.623901	1.07621	1.07621	0.228913	1.20641	1.20641	0.451528	0.892261	-1.12075
cg00573248	RRP1	0.000112898	0.566624	0.919174	-1.08793	0.40088	0.882398	-1.13328	0.204852	0.823123	-1.21489	0.428803	1.12472	1.12472	5.19E-06	0.221831	-4.50794
cg12540260	RRP1	0.0015459	0.0271064	0.721681	-1.38565	0.000469436	0.503903	-1.98451	0.629138	0.941133	-1.06255	0.0386769	0.741901	-1.34789	0.774244	1.0365	1.0365
cg13727010	RRP1	0.00548854	0.967227	0.987895	-1.01225	0.0283794	2.15334	2.15334	0.506241	1.22131	1.22131	0.956055	1.01647	1.01647	0.000786987	0.222145	-4.50156
cg24479509	RRP1	0.0171386	0.162594	0.672581	-1.48681	0.422017	1.24387	1.24387	0.675948	0.89418	-1.11834	0.0258501	0.494611	-2.02179	0.0013507	0.289806	-3.45058
cg08979194	RRP12;RRP12	7.15E-05	0.0283767	0.813207	-1.2297	0.326399	0.922225	-1.08433	0.00849645	0.764586	-1.3079	0.00568658	0.748379	-1.33622	9.05E-05	0.571593	-1.7495
cg04986413	RRP12;RRP12	0.000320048	6.64E-05	0.131643	-7.59632	0.0352343	1.97384	1.97384	0.295943	0.740461	-1.35051	0.0100253	2.46261	2.46261	0.00133707	0.27451	-3.64286
cg26450554	RRP12;RRP12	0.000337776	1.44E-05	0.123634	-8.08836	0.435755	0.831852	-1.20214	0.000255058	0.247878	-4.03425	0.76285	0.932332	-1.07258	0.0103383	0.473338	-2.11265
cg08345082	RRP12;RRP12	0.00230374	0.000249566	0.297229	-3.3644	0.25583	0.788108	-1.26886	0.626602	0.906266	-1.10343	0.126943	0.717932	-1.39289	0.00053778	0.339314	-2.94713
cg06359132	RRP12;RRP12	0.00599187	0.00210835	0.159218	-6.2807	0.00306382	0.178477	-5.60297	0.0313863	0.342018	-2.92382	0.139965	0.509221	-1.96378	0.777504	0.886572	-1.12794
cg20016023	RRP12;RRP12	0.00886226	0.0300632	0.333909	-2.99483	0.00170242	0.145656	-6.86548	0.19032	0.550873	-1.8153	0.151896	0.516883	-1.93467	0.0112194	0.255147	-3.91931
cg19811296	RRP12;RRP12	0.044345	0.814937	1.13489	1.13489	0.172516	2.18926	2.18926	0.872977	0.917274	-1.09019	0.0226568	0.22932	-4.36072	?	?	?
cg20074007	RRP12;RRP12;RRP12;RRP12	0.0162961	0.143217	1.28966	1.28966	0.370697	0.861885	-1.16025	0.844535	0.968753	-1.03226	0.0402204	0.681637	-1.46706	0.0292019	1.51513	1.51513
cg08598698	RRP15	0.00146144	0.37606	1.22201	1.22201	0.179347	1.36999	1.36999	0.183511	0.73238	-1.36541	0.26498	1.29229	1.29229	5.95E-05	0.194154	-5.15056
cg10235116	RRP15	0.00416017	0.286732	1.14194	1.14194	0.00998769	1.47741	1.47741	0.998336	1.00025	1.00025	0.00802438	1.50313	1.50313	0.00104153	0.558529	-1.79042
cg04210779	RRP15	0.00462218	0.000912649	2.56957	2.56957	0.131718	0.733647	-1.36305	0.0124474	0.553212	-1.80763	0.404647	1.17623	1.17623	0.00244242	2.23163	2.23163
cg22819672	RRP15	0.0060932	0.0935391	0.746201	-1.34012	0.074334	1.3711	1.3711	0.00474806	0.551439	-1.81344	0.311169	0.846776	-1.18095	0.422076	0.877947	-1.13902
cg21848278	RRP15	0.0163308	0.509923	0.851879	-1.17388	0.0272246	0.534303	-1.8716	0.557616	0.867423	-1.15284	0.908112	0.972689	-1.02808	0.000531683	0.274294	-3.64572
cg05637450	RRP15	0.0187581	0.221601	0.842451	-1.18701	0.221046	0.84226	-1.18728	0.190391	1.20327	1.20327	0.0343684	0.719397	-1.39005	0.00981758	1.54587	1.54587
cg19807237	RRP15	0.0201349	0.230826	0.73321	-1.36387	0.135494	0.672189	-1.48768	0.137476	0.673742	-1.48425	0.210255	1.38535	1.38535	0.000536626	0.264561	-3.77985
cg07575617	RRP15	0.0234562	0.664703	0.893286	-1.11946	0.157231	0.67609	-1.47909	0.29828	1.32181	1.32181	0.960605	1.01286	1.01286	0.0358232	0.531535	-1.88134
cg04786791	RRP15	0.0391899	0.288151	0.829462	-1.2056	0.0474534	0.680809	-1.46884	0.0574152	1.43966	1.43966	0.0989864	0.73588	-1.35892	0.276196	1.21173	1.21173
cg14757344	RRP1;RRP1	0.0246018	0.21861	1.20838	1.20838	0.450625	1.119	1.119	0.486288	1.10902	1.10902	0.559002	1.09028	1.09028	0.341405	1.1542	1.1542
cg00660232	RRP1B	6.37E-05	0.000336193	0.258725	-3.8651	0.468955	1.18802	1.18802	0.0190471	0.514949	-1.94194	0.000924046	0.314417	-3.18049	4.17E-05	0.161206	-6.20326
cg21573476	RRP1B	0.00512701	0.0953564	1.48914	1.48914	0.045551	0.607564	-1.64592	0.0450064	0.606579	-1.64859	0.00242444	2.50327	2.50327	0.0546283	0.622647	-1.60605
cg25531618	RRP1B	0.031088	0.775334	0.965947	-1.03525	0.436631	1.10085	1.10085	0.113482	1.23186	1.23186	0.0628965	0.776193	-1.28834	0.401097	0.901172	-1.10967
cg23800573	RRP1B	0.0372089	0.794269	0.945556	-1.05758	0.492676	0.861348	-1.16097	0.0044975	0.444292	-2.25077	0.224343	1.31445	1.31445	0.0288181	0.575668	-1.73711
cg16412370	RRP1B;HSF2BP	6.16E-05	0.366652	1.28205	1.28205	2.19E-06	22.3663	22.3663	0.333174	1.3066	1.3066	0.000129273	5.94201	5.94201	0.00744998	0.397243	-2.51735
cg13056247	RRP1B;HSF2BP	0.00508715	0.365061	0.849822	-1.17672	0.870705	1.02889	1.02889	0.0134944	0.585851	-1.70692	0.412511	1.15777	1.15777	0.000198892	0.335342	-2.98203
cg02710119	RRP1B;HSF2BP	0.00713443	0.189622	1.27732	1.27732	0.535147	1.11699	1.11699	0.0479812	1.48921	1.48921	0.581323	0.906541	-1.10309	0.90316	1.02167	1.02167
cg12831261	RRP1B;HSF2BP	0.0171898	0.216074	0.791746	-1.26303	0.128914	1.34223	1.34223	0.0255461	1.60951	1.60951	0.073313	0.698927	-1.43076	0.0143064	0.581703	-1.71909
cg19987256	RRP7A	0.000108783	0.00289834	0.496057	-2.0159	0.602752	1.09407	1.09407	0.0028508	0.495058	-2.01996	0.312236	0.836115	-1.19601	4.50E-06	0.164305	-6.08623
cg00045748	RRP7A	0.00257992	0.0129002	1.98012	1.98012	0.0068709	2.16962	2.16962	0.0781023	1.54218	1.54218	0.377936	0.818565	-1.22165	0.00165927	0.369378	-2.70725
cg11319724	RRP7A	0.00916414	0.00203878	0.373584	-2.67677	0.549672	0.871912	-1.1469	0.00330116	0.404021	-2.47512	0.598905	1.1277	1.1277	0.267089	0.769661	-1.29927
cg04730029	RRP7A	0.0108719	0.382232	1.18687	1.18687	0.00793173	0.521598	-1.91718	0.385029	1.18561	1.18561	0.208867	0.776269	-1.28821	0.0356956	0.626681	-1.59571
cg09048955	RRP7A	0.0337446	0.762755	0.924984	-1.0811	0.344874	0.77834	-1.28478	0.815848	0.941682	-1.06193	0.730325	0.914732	-1.09322	0.00076075	0.268701	-3.7216
cg06522491	RRP7B	0.00101398	0.00540513	1.99713	1.99713	0.00139955	2.3972	2.3972	0.00157209	2.35792	2.35792	0.265665	0.803224	-1.24498	0.00388458	0.479707	-2.0846
cg08094784	RRP7B	0.0109999	0.772085	1.05316	1.05316	0.00108767	0.423286	-2.36247	0.311548	0.829693	-1.20527	0.0271064	0.627169	-1.59447	0.439495	1.15096	1.15096
cg19389397	RRP7B	0.0114232	0.248452	0.679728	-1.47118	0.0188461	0.402372	-2.48527	0.0178919	0.398152	-2.51161	0.0020826	0.249959	-4.00066	0.145456	0.606402	-1.64907
cg13155974	RRP7B	0.0189299	0.00726965	0.515543	-1.9397	0.366899	1.19407	1.19407	0.959614	1.00974	1.00974	0.101448	0.709534	-1.40938	0.802109	1.04923	1.04923
cg24439070	RRP7B	0.0312034	0.518722	1.21807	1.21807	0.427125	0.783101	-1.27698	0.000726329	4.70999	4.70999	0.877327	1.04768	1.04768	0.984276	1.00596	1.00596
cg13644150	RRP7B	0.0490747	0.54909	0.903459	-1.10686	0.130487	0.760711	-1.31456	0.258025	0.820649	-1.21855	0.550497	0.90379	-1.10645	0.131631	0.761425	-1.31333
cg21368729	RRP9	5.83E-05	0.361202	0.893999	-1.11857	0.000909925	0.553147	-1.80784	0.0698594	0.785061	-1.27379	0.0408623	1.32549	1.32549	0.00142807	0.576558	-1.73443
cg27227100	RRP9;PARP3;PARP3	0.0345448	0.805218	0.97498	-1.02566	0.403929	0.91614	-1.09154	0.512004	0.93407	-1.07058	0.106772	1.19792	1.19792	0.642689	1.04908	1.04908
cg24803876	RRS1	0.000592703	5.84E-06	0.0698359	-14.3193	0.605377	0.872708	-1.14586	0.221452	0.71482	-1.39895	0.105903	1.58621	1.58621	0.743816	0.917903	-1.08944
cg27458060	RRS1	0.00785362	0.716134	1.03861	1.03861	0.000406565	1.79125	1.79125	0.0994225	1.20607	1.20607	0.0465073	1.26686	1.26686	0.754058	1.03314	1.03314
cg14204843	RRS1	0.0217506	0.708017	1.1119	1.1119	0.0218779	2.22065	2.22065	0.000790724	4.62068	4.62068	0.390093	1.28279	1.28279	0.788293	0.926954	-1.0788
cg00432041	RRS1;RRS1	0.0140241	0.0765175	0.844756	-1.18377	0.17953	1.12983	1.12983	0.0327812	1.23843	1.23843	0.365195	1.08293	1.08293	0.0278838	0.800519	-1.24919
cg04840623	RRS1;RRS1	0.0485199	0.623113	1.11282	1.11282	0.436552	1.18683	1.18683	0.673706	1.0957	1.0957	0.959614	1.01099	1.01099	0.108541	0.685391	-1.45902
cg00007076	RRS1;RRS1	0.0490518	0.0287902	0.240114	-4.16469	0.0101877	0.166518	-6.00537	0.166617	0.442219	-2.26132	0.726469	0.823394	-1.21448	0.0688548	0.324144	-3.08505
cg17626563	RS1	0.00074089	0.021623	1.98714	1.98714	0.0037056	0.376697	-2.65465	0.00227636	0.345555	-2.89389	0.0497349	1.74594	1.74594	0.00166526	0.326345	-3.06424
cg20556598	RS1	0.00234301	0.250272	0.735718	-1.35922	0.00484689	0.385061	-2.59699	0.00147449	0.309674	-3.2292	0.00117457	0.296292	-3.37505	0.000188296	0.200058	-4.99855
cg02151408	RS1	0.00721917	0.371183	1.20688	1.20688	0.00189858	0.40609	-2.46251	0.792506	1.05547	1.05547	0.910771	0.977304	-1.02322	0.000510423	0.329076	-3.03882
cg06375559	RS1	0.0096748	0.869965	1.02892	1.02892	0.0505742	1.47351	1.47351	0.131666	1.3273	1.3273	0.064449	1.43539	1.43539	0.00534618	0.528148	-1.89341
cg13099539	RS1;CDKL5;CDKL5	4.47E-05	0.765993	1.05144	1.05144	0.79341	1.0451	1.0451	0.000109315	0.318162	-3.14306	1.67E-05	0.22611	-4.42264	3.36E-06	0.158442	-6.31147
cg07864948	RS1;RS1	0.0369141	0.107725	0.551273	-1.81398	0.903462	1.04203	1.04203	0.0190653	0.381848	-2.61884	0.0556848	0.479213	-2.08675	0.00167933	0.217878	-4.58972
cg03051617	RSAD1	0.00221299	0.00238325	0.159816	-6.25721	0.000578379	0.0997089	-10.0292	0.0398805	0.35749	-2.79728	0.874033	1.07112	1.07112	0.0117748	0.256079	-3.90505
cg06900229	RSAD1	0.00344084	0.746	0.965465	-1.03577	8.64E-05	2.1423	2.1423	0.631203	1.05369	1.05369	0.85248	0.980072	-1.02033	0.483485	1.08005	1.08005
cg24151267	RSAD1	0.00540252	0.00157964	0.815294	-1.22655	0.238774	0.945982	-1.0571	0.0159184	1.14211	1.14211	0.290244	0.951799	-1.05064	0.318756	0.954681	-1.04747
cg16413777	RSAD1	0.0163056	0.380853	0.75659	-1.32172	0.00279098	3.5928	3.5928	0.00450835	3.23726	3.23726	0.34045	1.35643	1.35643	0.978356	1.00845	1.00845
cg05952786	RSAD1	0.030252	0.156461	0.621581	-1.6088	0.0277886	0.442296	-2.26093	0.708127	1.12521	1.12521	0.245222	1.46415	1.46415	0.0214307	0.420235	-2.37962
cg00186143	RSAD2	0.000135624	0.00255425	0.520396	-1.92161	0.00122742	0.478096	-2.09163	3.07E-05	0.280664	-3.56298	0.00148228	0.488898	-2.04542	2.10E-05	0.262175	-3.81424
cg10959651	RSAD2	0.00173743	0.00519031	0.302845	-3.30202	0.000480859	0.16974	-5.89138	0.000906124	0.20046	-4.98852	0.0173505	0.391342	-2.55531	0.00566562	0.308733	-3.23904
cg15346781	RSAD2	0.0357391	0.0416222	0.278587	-3.58954	0.956615	0.970834	-1.03004	0.0373285	0.268516	-3.72417	0.0162875	0.202235	-4.94474	0.0653427	0.324466	-3.08198
cg16524558	RSBN1	5.29E-07	2.88E-06	0.296242	-3.37562	3.34E-05	0.416828	-2.39907	0.0152941	0.723394	-1.38237	0.0255704	0.749421	-1.33436	2.14E-08	0.101522	-9.85005
cg02057063	RSBN1	2.54E-05	0.000113049	0.764754	-1.30761	0.0155484	0.889266	-1.12452	0.00353592	0.855225	-1.16928	0.000286186	0.791174	-1.26394	0.00145465	0.833689	-1.19949
cg00642679	RSBN1	0.00154692	0.000214246	0.320607	-3.11908	0.523869	1.12623	1.12623	0.00615388	0.518035	-1.93037	0.935433	0.9852	-1.01502	0.000194742	0.315513	-3.16944
cg11383544	RSBN1	0.00387283	0.0650185	0.497358	-2.01062	0.000807605	5.49546	5.49546	0.180053	1.61599	1.61599	0.114347	1.7842	1.7842	0.00151227	0.214269	-4.66703
cg20977024	RSBN1	0.0105063	0.0386921	0.708429	-1.41157	0.226805	0.833026	-1.20044	0.862801	0.975406	-1.02521	0.27194	0.848199	-1.17897	0.3022	0.857377	-1.16635
cg26668129	RSBN1	0.0125539	0.0252348	0.206416	-4.84458	0.0851581	3.09137	3.09137	0.245623	2.05455	2.05455	0.576462	0.715622	-1.39739	0.00206881	0.0763842	-13.0917
cg19156941	RSBN1	0.0130196	0.147283	1.3384	1.3384	0.872843	0.970425	-1.03048	0.213054	0.782084	-1.27864	0.401453	0.851324	-1.17464	0.000464741	0.356307	-2.80657
cg19383656	RSBN1	0.0141265	0.00532802	0.606505	-1.64879	0.115453	0.792087	-1.26249	0.322961	0.870183	-1.14918	0.355174	0.878494	-1.13831	0.623282	1.06976	1.06976
cg16515600	RSBN1	0.0364863	0.128036	0.636426	-1.57127	0.378856	1.28142	1.28142	0.219942	1.42513	1.42513	0.961621	1.0133	1.0133	0.165273	0.665975	-1.50156
cg03469607	RSBN1	0.0474888	0.103489	0.468873	-2.13278	0.0792835	2.29022	2.29022	0.0664347	2.40024	2.40024	0.585313	1.26411	1.26411	0.0120583	0.264052	-3.78713
cg17327632	RSBN1L	5.73E-05	0.17863	1.31154	1.31154	0.0227642	1.67753	1.67753	0.00631789	1.96391	1.96391	0.251546	0.796641	-1.25527	0.00516099	0.496137	-2.01557
cg14197907	RSBN1L	0.000720858	0.060967	1.13894	1.13894	0.0143146	1.20449	1.20449	0.149959	1.09975	1.09975	0.0297457	1.17069	1.17069	0.000762619	1.36916	1.36916
cg12080715	RSBN1L	0.00571129	0.924515	0.956014	-1.04601	0.769844	1.14948	1.14948	0.699563	0.831777	-1.20224	0.254564	1.76544	1.76544	0.505767	0.725287	-1.37876
cg05802532	RSBN1L	0.0218968	0.0968876	1.43492	1.43492	0.0188365	0.569028	-1.75738	0.299265	0.808007	-1.23761	0.59793	0.899909	-1.11122	0.217266	1.29335	1.29335
cg15998773	RSC1A1	0.000397232	0.0283469	0.586641	-1.70462	0.145207	0.724448	-1.38036	3.73E-05	0.195334	-5.11944	0.0637144	1.53654	1.53654	0.313398	1.23969	1.23969
cg03987806	RSC1A1;DDI2	0.00241297	?	?	?	0.000407142	0.396179	-2.52411	0.765507	1.05054	1.05054	0.0136415	1.65349	1.65349	0.00852471	0.575051	-1.73897
cg21534309	RSF1	1.42E-05	0.0175286	0.736254	-1.35823	0.00210892	0.632605	-1.58076	0.793669	0.972621	-1.02815	0.183677	1.16113	1.16113	1.46E-06	0.273855	-3.65157
cg23082773	RSF1	0.00123422	0.143487	1.18668	1.18668	3.64E-05	2.37668	2.37668	0.172019	0.853602	-1.17151	0.0429302	1.28874	1.28874	0.0170759	1.37242	1.37242
cg12099188	RSF1	0.00203912	0.000326777	0.245579	-4.072	0.40829	0.815027	-1.22695	0.125258	1.49372	1.49372	0.0011535	0.315097	-3.17362	0.157831	0.694062	-1.44079
cg06682763	RSF1	0.00404956	0.0412155	0.558103	-1.79178	0.0868798	1.5972	1.5972	0.663967	0.897403	-1.11433	0.0618642	1.68327	1.68327	0.00149727	0.321896	-3.10659
cg01072202	RSF1	0.00970185	0.0104966	0.372938	-2.68141	0.203523	0.662952	-1.5084	0.707908	1.12218	1.12218	0.132007	1.64525	1.64525	0.0698435	0.537472	-1.86056
cg17444972	RSF1	0.0131049	0.359652	1.27406	1.27406	0.083573	0.611082	-1.63644	0.0748636	0.600363	-1.66566	0.471119	1.20747	1.20747	0.830911	1.05653	1.05653
cg03570279	RSF1	0.0162613	0.000935087	2.55984	2.55984	0.360768	0.836264	-1.19579	0.375574	1.18896	1.18896	0.986606	1.0032	1.0032	0.0421647	1.56131	1.56131
cg17043823	RSF1	0.0168848	0.201818	0.781253	-1.27999	0.0685851	1.45264	1.45264	0.256342	1.24235	1.24235	0.301128	0.821824	-1.21681	0.166837	0.763418	-1.3099
cg01932125	RSF1	0.0222677	0.924067	1.0239	1.0239	0.00548828	0.404761	-2.47059	0.0403937	0.556283	-1.79765	0.576087	1.15019	1.15019	0.00812615	0.43198	-2.31492
cg17989243	RSF1	0.0280488	0.514421	1.11303	1.11303	0.107782	0.752585	-1.32875	0.00615755	0.560582	-1.78386	0.411289	1.14577	1.14577	0.62576	1.08286	1.08286
cg06695566	RSF1	0.0291062	0.243232	1.34522	1.34522	0.00172443	0.337557	-2.96246	0.194776	0.716702	-1.39528	0.0389174	0.559554	-1.78714	0.26295	1.3277	1.3277
cg08577213	RSF1	0.0445902	0.91123	1.02368	1.02368	0.223637	0.764668	-1.30776	0.152287	0.72484	-1.37962	0.0333236	1.68536	1.68536	0.707097	1.08244	1.08244
cg05337711	RSL1D1	0.0154636	0.000496503	0.08927	-11.202	0.967803	1.01805	1.01805	0.784316	1.12932	1.12932	0.74151	0.863525	-1.15804	0.280593	0.608254	-1.64405
ch.16.440507F	RSL1D1	0.0472933	?	?	?	0.511472	0.788835	-1.26769	?	?	?	?	?	?	0.00331385	0.240587	-4.15651
cg10611753	RSL24D1	0.0148942	0.647769	1.04518	1.04518	0.0371551	1.26166	1.26166	0.296145	0.901168	-1.10967	0.00349558	1.46319	1.46319	0.566773	0.945898	-1.0572
cg18120111	RSPH1	0.000308725	0.027912	0.705506	-1.41742	3.63E-05	2.90982	2.90982	0.0578672	1.33367	1.33367	0.0598296	1.32996	1.32996	0.132884	0.804346	-1.24325
cg23422060	RSPH1	0.000897816	0.813282	1.02116	1.02116	0.366442	1.08559	1.08559	0.801104	1.02259	1.02259	0.0575664	1.20933	1.20933	0.907212	1.01037	1.01037
cg20460554	RSPH1	0.00571752	0.139295	0.669573	-1.49349	0.000745969	3.63345	3.63345	0.0736449	1.65323	1.65323	0.00539855	2.51753	2.51753	0.78111	1.07275	1.07275
cg13050504	RSPH1	0.00840864	0.31032	0.690316	-1.44861	0.0288841	0.4027	-2.48324	0.000546614	0.150168	-6.65922	0.0179333	0.362236	-2.76063	0.00134971	0.193292	-5.17353
cg23745644	RSPH1	0.0176771	?	?	?	0.428883	1.41582	1.41582	0.265728	1.6476	1.6476	0.0159004	0.280447	-3.56574	0.305705	0.633426	-1.57872
cg27488751	RSPH1	0.0177686	0.143344	0.667752	-1.49756	0.469362	1.20807	1.20807	0.108714	1.56715	1.56715	0.315893	0.766223	-1.3051	0.0038489	0.36781	-2.71879
cg10507649	RSPH1	0.0287987	0.0304175	0.774012	-1.29197	0.0563176	1.2431	1.2431	0.980566	0.99755	-1.00246	0.547921	1.06314	1.06314	0.613945	0.950073	-1.05255
cg15096142	RSPH1	0.0316699	0.0874253	0.431978	-2.31494	0.12197	0.474398	-2.10793	0.00912863	0.229174	-4.36349	0.684961	0.834065	-1.19895	0.00142233	0.128299	-7.79428
cg00612714	RSPH10B2;RSPH10B	0.00459418	0.0321044	0.424527	-2.35556	0.129738	0.572002	-1.74824	0.756836	1.11182	1.11182	0.741826	0.893308	-1.11943	0.000253084	0.127662	-7.83316
cg26935757	RSPH10B2;RSPH10B	0.0489666	0.0243529	0.397039	-2.51864	0.0799674	1.95185	1.95185	0.198588	1.59629	1.59629	0.436206	1.31449	1.31449	0.103065	0.541246	-1.84759
cg14400821	RSPH10B;RSPH10B2	0.00255712	0.998333	1.00026	1.00026	0.434285	0.906607	-1.10301	0.0122311	0.681404	-1.46756	0.0263579	1.38219	1.38219	0.00028418	0.482587	-2.07216
cg00318111	RSPH10B;RSPH10B2	0.00274238	0.0618852	0.551005	-1.81486	0.0208747	2.19928	2.19928	0.0226496	0.461369	-2.16746	0.0141573	0.423956	-2.35873	0.00150333	0.273449	-3.65699
cg25707767	RSPH10B;RSPH10B2	0.0152672	0.0776212	0.373551	-2.67701	0.0462191	3.14753	3.14753	0.531755	0.727602	-1.37438	0.779225	1.15153	1.15153	0.0136125	0.216002	-4.62958
cg11051318	RSPH10B;RSPH10B2	0.0272686	0.0522703	0.437202	-2.28727	0.867544	0.939356	-1.06456	0.0600508	0.451559	-2.21455	0.116864	0.528086	-1.89363	0.00252521	0.207727	-4.814
cg26051060	RSPH1;RSPH1	0.0389583	0.00747591	0.639193	-1.56447	0.67072	1.05715	1.05715	0.0271521	1.40475	1.40475	0.105325	0.794557	-1.25856	0.879532	1.01991	1.01991
cg02739853	RSPH3	0.00220774	0.273134	1.26432	1.26432	0.0187375	0.556671	-1.79639	0.0755796	0.665807	-1.50194	0.0911588	0.682074	-1.46612	0.00361094	0.444815	-2.24813
cg24249648	RSPH3	0.00286525	0.00368445	0.373461	-2.67765	0.258587	1.34416	1.34416	0.000715397	0.274562	-3.64217	0.000794954	0.280438	-3.56585	0.0287134	0.5234	-1.91058
cg20984991	RSPH3	0.0192915	0.0365719	0.516577	-1.93582	0.00377862	0.34559	-2.8936	0.0647122	0.568858	-1.75791	0.330163	0.760925	-1.31419	0.0656234	0.570206	-1.75375
cg18288168	RSPH3	0.0268815	0.0385609	0.554069	-1.80483	0.200788	0.716819	-1.39505	0.329711	0.780483	-1.28126	0.20234	0.717731	-1.39328	0.0132322	0.469262	-2.131
cg02895126	RSPH3	0.0424262	0.950128	1.0292	1.0292	0.0646497	2.59827	2.59827	0.0865818	2.38912	2.38912	0.0708788	2.53067	2.53067	0.0648323	0.385182	-2.59617
cg07988927	RSPH4A;RSPH4A	0.000118772	0.722971	0.945679	-1.05744	0.663929	1.07101	1.07101	0.17541	0.797632	-1.25371	0.761136	1.04901	1.04901	3.02E-06	0.174714	-5.72363
cg23794323	RSPH4A;RSPH4A	0.000604124	0.000118549	1.47014	1.47014	0.000862949	1.33134	1.33134	0.125719	1.09944	1.09944	0.818176	1.01326	1.01326	0.052677	0.88159	-1.13431
cg10745682	RSPH4A;RSPH4A	0.00158358	0.290927	0.912033	-1.09645	0.0810419	1.17648	1.17648	0.000484557	1.58351	1.58351	0.157316	1.13548	1.13548	0.220386	1.11433	1.11433
cg20232471	RSPH4A;RSPH4A	0.0101298	0.437125	1.09154	1.09154	0.0135004	1.40195	1.40195	0.0158161	1.38633	1.38633	0.28521	0.884574	-1.13049	0.345105	0.898126	-1.11343
cg25300214	RSPH4A;RSPH4A	0.0104361	0.280045	1.10788	1.10788	0.519923	1.06132	1.06132	0.935863	1.00737	1.00737	0.0449853	0.810663	-1.23356	0.0883029	0.842333	-1.18718
cg02722511	RSPH4A;RSPH4A	0.0479531	0.349389	0.894676	-1.11772	0.770064	0.966705	-1.03444	0.248004	1.14973	1.14973	0.192779	1.17263	1.17263	0.168307	0.843988	-1.18485
cg13273398	RSPH4A;RSPH4A	0.048951	?	?	?	0.00943261	0.0773924	-12.9212	0.482282	1.70889	1.70889	0.58343	1.51457	1.51457	?	?	?
cg11276053	RSPH6A	0.0013004	0.0214631	0.422892	-2.36467	0.0195482	0.415189	-2.40854	0.190697	1.53978	1.53978	0.539038	1.21378	1.21378	0.00040704	0.173782	-5.75435
cg04694205	RSPH6A	0.016838	0.00733746	0.270895	-3.69147	0.873591	0.941608	-1.06201	0.0311397	0.384484	-2.60089	0.0193458	0.343424	-2.91185	0.00186566	0.18867	-5.30027
cg11267114	RSPH6A	0.0184244	0.048157	0.267726	-3.73517	0.00839615	0.140208	-7.13225	0.0139473	0.169988	-5.88277	0.481835	0.658921	-1.51763	0.0122917	0.162108	-6.16873
cg07377422	RSPH6A	0.044926	0.0545403	0.0900219	-11.1084	0.717739	1.49292	1.49292	0.0671544	9.63009	9.63009	0.176871	0.205025	-4.87745	0.0199673	0.0450412	-22.2019
cg27118825	RSPH6A;SYMPK	0.0474911	0.13431	0.509266	-1.96361	0.472404	1.35725	1.35725	0.0415561	2.67008	2.67008	0.186549	0.556993	-1.79535	0.0866272	0.453393	-2.20559
cg21006913	RSPH9	0.000100436	0.0493226	0.642985	-1.55525	4.27E-05	0.216303	-4.62315	0.0229459	1.70842	1.70842	0.25415	0.791046	-1.26415	0.000208949	0.294869	-3.39134
cg07593342	RSPH9	0.000160027	0.000281563	0.51001	-1.96075	4.12E-05	0.412059	-2.42684	0.00294419	0.629321	-1.58901	0.106795	0.818974	-1.22104	0.00382083	0.642539	-1.55633
cg08683249	RSPH9	0.000705466	0.151123	1.57156	1.57156	0.0181003	2.32455	2.32455	0.109368	1.67027	1.67027	0.547684	1.19576	1.19576	0.0141338	0.410702	-2.43485
cg05547260	RSPH9	0.00222637	0.477196	0.74063	-1.3502	0.0064237	4.36122	4.36122	0.611486	1.23715	1.23715	0.376582	1.45784	1.45784	0.00205169	0.164554	-6.07703
cg05943655	RSPH9	0.00653645	0.386132	0.571561	-1.7496	0.00250607	14.0621	14.0621	0.00579112	9.7378	9.7378	0.00126221	19.3638	19.3638	0.111328	2.98036	2.98036
cg11034626	RSPH9	0.00786343	0.410988	1.37359	1.37359	0.256534	1.56385	1.56385	0.119993	1.89054	1.89054	0.186493	1.69683	1.69683	0.0111662	0.300954	-3.32277
cg20582800	RSPH9	0.0100003	0.24988	1.73075	1.73075	0.286406	1.65701	1.65701	0.120176	2.15764	2.15764	0.139301	2.06643	2.06643	0.0390945	0.336452	-2.97219
cg12413421	RSPO1	3.90E-07	4.75E-06	0.253839	-3.9395	0.000262769	0.456029	-2.19284	6.76E-05	0.384855	-2.59838	3.57E-06	0.240824	-4.15241	4.46E-05	0.363432	-2.75155
cg08655686	RSPO1	1.37E-05	1.17E-07	7.44595	7.44595	0.0772117	1.26225	1.26225	0.0232255	1.37936	1.37936	0.605612	1.06369	1.06369	0.139441	1.20748	1.20748
cg06626655	RSPO1	1.79E-05	0.20037	1.16853	1.16853	9.58E-05	2.22438	2.22438	0.0266993	1.35301	1.35301	0.483648	1.08542	1.08542	0.718248	1.0426	1.0426
cg00870095	RSPO1	0.004931	0.000785968	2.33357	2.33357	0.659463	0.928644	-1.07684	0.041607	1.48019	1.48019	0.378397	0.859959	-1.16285	0.0716764	0.714813	-1.39897
cg13568283	RSPO1	0.0049577	0.045575	0.748789	-1.33549	0.0423874	1.3431	1.3431	0.343982	1.1309	1.1309	0.010937	0.668297	-1.49634	0.0488156	0.752829	-1.32832
cg21165978	RSPO1	0.00501232	0.00155373	0.142495	-7.0178	0.237077	1.6998	1.6998	0.138916	0.505504	-1.97822	0.102677	0.465444	-2.14849	0.0042802	0.194641	-5.13766
cg26519919	RSPO1	0.00597797	0.0068945	0.375704	-2.66167	0.407723	1.26747	1.26747	0.0916161	0.59459	-1.68183	0.0529163	0.540258	-1.85097	0.0063265	0.369697	-2.70492
cg03654735	RSPO1	0.0124634	0.000363971	0.0827663	-12.0822	0.303706	1.59138	1.59138	0.373067	0.671117	-1.49005	0.248174	0.590661	-1.69302	0.655595	1.21626	1.21626

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10261819	0.201649	0.818418	-1.22187	0.00412427	0.564558	-1.7713	0.220906	1.21076	1.21076	0.292969	1.17602	1.17602	3.50169	1.22486	0.310927	1
cg00573248	0.0894406	1.3132	1.3132	0.813798	1.03493	1.03493	0.0333497	1.43596	1.43596	5.81E-05	0.338217	-2.95668	21.4329	7.18647	0.298045	1
cg12540260	0.000622388	0.518761	-1.92767	0.00274278	0.597275	-1.67427	0.0171848	1.43619	1.43619	0.508622	0.919799	-1.08719	10.389	2.55754	0.218825	1
cg13727010	0.00153485	0.258893	-3.8626	0.343637	1.33534	1.33534	0.495613	1.22765	1.22765	0.68464	1.12867	1.12867	7.13212	9.92596	1.23709	1
cg24479509	0.997139	0.999047	-1.00095	0.0195612	0.47205	-2.11842	0.181335	1.45871	1.45871	0.465632	1.21842	1.21842	4.956	5.55648	0.996588	1
cg08979194	0.000565207	0.652485	-1.5326	1.90E-06	0.389017	-2.57058	0.33835	1.08206	1.08206	0.351172	0.92619	-1.07969	24.2116	2.44857	0.0898953	1
cg04986413	0.00734783	2.60644	2.60644	0.108724	1.62424	1.62424	0.190585	1.46856	1.46856	0.004608	0.351553	-2.84452	16.1612	19.6755	1.08218	1
cg26450554	0.0203683	0.52345	-1.9104	0.000406575	0.272295	-3.67249	0.213146	0.738194	-1.35466	0.0235524	0.534657	-1.87036	15.924	13.5193	0.75466	1
cg08345082	0.574563	0.892387	-1.12059	0.00199281	0.416347	-2.40184	0.0137245	0.542429	-1.84356	0.0177869	0.560758	-1.7833	9.25159	5.90459	0.567311	1
cg06359132	0.0344683	0.350608	-2.85218	0.00237509	0.165182	-6.05393	0.00316245	0.180185	-5.54986	0.0399892	0.364652	-2.74234	6.94207	19.8568	2.54255	1
cg20016023	0.044568	0.370998	-2.69543	0.00160064	0.142807	-7.00245	0.0100573	0.247459	-4.04108	0.0355624	0.349283	-2.86301	6.14235	17.9791	2.60185	1
cg19811296	0.00458108	0.130412	-7.66799	0.293459	0.555362	-1.80063	0.466682	0.670492	-1.49144	0.386712	1.61423	1.61423	3.59908	14.7574	4.10033	1
cg20074007	0.00368635	1.88638	1.88638	0.0251181	0.650023	-1.53841	0.761892	1.05037	1.05037	0.414053	1.14455	1.14455	5.04014	2.08708	0.368082	1
cg08598698	0.504719	1.16114	1.16114	0.00118811	0.350274	-2.85491	0.640105	0.901284	-1.10953	0.0956598	0.667658	-1.49777	10.5584	8.14627	0.685816	1
cg10235116	0.302686	1.13667	1.13667	0.0707455	0.784844	-1.27414	0.0779892	0.790594	-1.26487	0.0991621	0.805025	-1.2422	7.76001	1.76918	0.202655	1
cg04210779	0.467509	1.15111	1.15111	0.0462692	1.54438	1.54438	0.427542	1.16672	1.16672	0.993813	1.00148	1.00148	7.51633	4.31349	0.510118	1
cg22819672	0.851311	1.03023	1.03023	0.000607048	2.3136	2.3136	0.261958	1.20402	1.20402	0.782083	0.956942	-1.045	6.90621	2.75573	0.354686	1
cg21848278	0.594619	0.879136	-1.13748	0.0688054	1.62977	1.62977	0.931143	1.02094	1.02094	0.205692	0.726017	-1.37738	5.03657	4.58819	0.809756	1
cg05637450	0.0870266	0.777108	-1.28682	0.079914	1.29603	1.29603	0.0220273	0.693161	-1.44267	0.718923	1.04941	1.04941	4.80783	1.35592	0.250688	1
cg19807237	0.0699705	0.606402	-1.64907	0.193814	0.712184	-1.40413	0.612904	0.881655	-1.13423	0.0994804	0.640328	-1.5617	4.69383	4.53102	0.858057	1
cg07575617	0.514059	0.842621	-1.18677	0.00192968	0.321209	-3.11324	0.182901	0.693688	-1.44157	0.00675501	0.403067	-2.48098	4.45457	4.72436	0.942726	1
cg04786791	0.344197	0.847718	-1.17964	0.0118359	0.58693	-1.70378	0.541163	1.11058	1.11058	0.153918	1.29541	1.29541	3.71096	1.6897	0.404735	1
cg14757344	0.448451	0.893152	-1.11963	0.0913286	0.761854	-1.31259	0.00065585	2.14644	2.14644	0.213041	1.21146	1.21146	4.38161	1.48487	0.301232	1
cg00660232	8.36E-05	0.191025	-5.23492	1.00E-05	0.108912	-9.18173	0.0563656	0.603361	-1.65738	0.000531506	0.283288	-3.52998	24.9623	21.6176	0.769789	1
cg21573476	0.0887825	0.665007	-1.50374	0.0789342	0.654446	-1.52801	0.0083048	2.08186	2.08186	0.535985	0.872668	-1.14591	7.28257	5.44724	0.664874	1
cg25531618	0.31449	1.13422	1.13422	0.00165738	1.7246	1.7246	0.758391	0.963333	-1.03806	0.304085	0.879087	-1.13754	4.03535	0.936919	0.20638	1
cg23800573	0.771874	0.939626	-1.06425	0.0463276	1.63057	1.63057	0.939098	0.983765	-1.0165	0.180613	0.737463	-1.356	3.78209	2.74868	0.646012	1
cg16412370	0.0121107	2.31158	2.31158	0.930884	1.02351	1.02351	0.00277556	3.01974	3.01974	0.0032287	2.93418	2.93418	25.1864	28.6293	1.01039	1
cg13056247	0.737605	1.06055	1.06055	0.0356792	1.53335	1.53335	0.331468	1.19148	1.19148	0.438217	0.870876	-1.14827	7.29996	3.53455	0.430389	1
cg02710119	0.0699808	1.42892	1.42892	0.000163062	3.10548	3.10548	0.0762475	1.41551	1.41551	0.012345	1.73121	1.73121	6.57598	3.23218	0.436901	1
cg12831261	0.090354	0.715521	-1.39758	0.0138125	1.72605	1.72605	0.483525	0.880098	-1.13624	0.935825	1.01455	1.01455	4.95105	2.52288	0.452946	1
cg19987256	0.0166736	0.606265	-1.64944	3.03E-05	0.247479	-4.04074	0.263274	0.818987	-1.22102	0.270164	0.821524	-1.21725	21.6472	10.0512	0.412729	1
cg00045748	0.00285435	0.403123	-2.48063	0.875908	0.966008	-1.03519	0.0593701	1.60161	1.60161	0.753742	1.07213	1.07213	8.94871	6.94097	0.689457	1
cg11319724	0.0820105	0.646399	-1.54703	0.00294371	0.396674	-2.52096	0.834251	0.953661	-1.04859	0.0178625	0.521054	-1.91919	6.07739	4.93525	0.721838	1
cg04730029	0.72513	0.934738	-1.06982	0.00225361	0.441614	-2.26442	0.0645491	1.48728	1.48728	0.147256	1.34624	1.34624	5.75419	3.33074	0.514522	1
cg09048955	0.812931	0.940766	-1.06296	0.395944	0.799382	-1.25097	0.087156	1.62662	1.62662	0.313424	0.764489	-1.30806	3.91847	4.1172	0.933969	1
cg06522491	0.00380854	0.478462	-2.09003	0.824538	0.958919	-1.04284	0.0797198	1.44393	1.44393	0.564835	1.11621	1.11621	11.7203	6.62434	0.502402	1
cg08094784	0.00287192	0.481276	-2.07781	0.153579	0.761496	-1.3132	0.162528	0.766526	-1.30459	0.0293621	0.632784	-1.58032	5.73254	2.8872	0.44769	1
cg19389397	0.00399121	0.289877	-3.44974	0.0136291	0.376618	-2.65521	0.0195746	0.405474	-2.46625	0.0240222	0.422566	-2.36649	5.6631	9.18424	1.44157	1
cg13155974	0.00280961	0.454879	-2.19839	0.809613	1.04727	1.04727	0.302249	1.22691	1.22691	0.0875777	1.43455	1.43455	4.79304	2.77956	0.51548	1
cg24439070	0.0723594	1.83061	1.83061	0.383408	1.30933	1.30933	0.54627	0.831833	-1.20216	0.143716	1.60594	1.60594	4.03002	5.80353	1.28007	1
cg13644150	0.0674636	1.40934	1.40934	0.0126115	1.68107	1.68107	0.0582925	1.43096	1.43096	0.652626	0.926927	-1.07883	3.41225	1.5157	0.394839	1
cg21368729	1.91E-06	0.244158	-4.09571	0.223223	1.16507	1.16507	0.558137	0.931742	-1.07326	0.000205458	0.475949	-2.10107	25.5642	5.77003	0.200628	1
cg27227100	0.0165082	1.35038	1.35038	0.00195588	1.56683	1.56683	0.637854	0.952541	-1.04982	0.405861	1.09113	1.09113	3.88548	0.64721	0.148064	1
cg24803876	0.044832	0.547962	-1.82495	0.350847	0.778151	-1.2851	0.871911	0.958725	-1.04305	0.434894	0.81211	-1.23136	13.6303	14.7309	0.960662	1
cg27458060	0.0267759	1.31287	1.31287	0.201982	1.15001	1.15001	0.0244941	0.75729	-1.3205	0.197137	1.15195	1.15195	6.3811	1.08776	0.151525	1
cg14204843	0.200623	1.46822	1.46822	0.412553	1.26722	1.26722	0.216367	0.691155	-1.44685	0.0917109	1.70068	1.70068	5.08103	6.25251	0.957101	1
cg00432041	0.714964	1.0319	1.0319	0.00157888	0.678062	-1.47479	0.972488	1.00296	1.00296	0.537357	1.05493	1.05493	5.29689	0.615048	0.103213	1
cg04840623	0.627839	1.11118	1.11118	0.00120174	0.359226	-2.78377	0.673492	0.9126	-1.09577	0.765228	1.06676	1.06676	3.42698	2.52767	0.655627	1
cg00007076	0.238033	0.504683	-1.98144	0.0213406	0.216405	-4.62097	0.0189837	0.20773	-4.81395	0.0626614	0.31379	-3.18684	3.41285	16.5465	4.3096	1
cg17626563	0.0361603	1.83418	1.83418	0.000418862	0.248431	-4.02527	0.128293	0.664108	-1.50578	0.231554	0.731675	-1.36673	12.8054	12.5716	0.872661	1
cg20556598	0.207919	0.712345	-1.40381	0.829109	0.946278	-1.05677	0.243124	0.731971	-1.36617	0.158561	0.680445	-1.46963	9.20583	9.51462	0.918704	1
cg02151408	0.648076	0.910183	-1.09868	0.109285	1.42989	1.42989	0.929368	1.01832	1.01832	0.829583	0.956818	-1.04513	6.55177	4.35168	0.590399	1
cg06375559	0.182377	0.781737	-1.2792	0.00346347	1.99473	1.99473	0.0896141	1.38486	1.38486	0.392721	0.858694	-1.16456	5.97337	2.86396	0.426182	1
cg13099539	0.797332	1.0442	1.0442	0.380419	1.16325	1.16325	0.589818	0.912586	-1.09579	0.472404	0.884404	-1.13071	27.4179	12.2662	0.397671	1
cg07864948	0.257656	0.669805	-1.49297	0.1856	0.621132	-1.60996	0.774388	1.10242	1.10242	0.449189	0.769785	-1.29906	3.79307	6.91489	1.62047	1
cg03051617	0.0034544	0.179189	-5.58068	0.00461951	0.195542	-5.11398	0.451384	0.717296	-1.39412	0.00110468	0.124632	-8.02365	9.36114	27.8	2.63976	1
cg06900229	0.59812	0.944104	-1.0592	0.0107453	0.707085	-1.41426	0.811699	1.02614	1.02614	0.092222	1.2219	1.2219	8.2156	1.52146	0.164614	1
cg24151267	0.0373383	1.1149	1.1149	0.193346	1.06391	1.06391	0.133108	1.07565	1.07565	0.00734668	1.16827	1.16827	7.16678	0.229934	0.0285185	1
cg16413777	0.580253	0.840853	-1.18927	0.0551715	0.509352	-1.96328	0.316456	0.725142	-1.37904	0.828018	0.934714	-1.06985	5.03916	7.68546	1.35569	1
cg05952786	0.865682	0.948281	-1.05454	0.683387	0.879301	-1.13727	0.03142	2.20718	2.20718	0.033591	2.17853	2.17853	4.07471	6.34998	1.38524	1
cg00186143	0.00546572	0.565344	-1.76883	0.0772175	0.735915	-1.35885	0.0278528	0.666521	-1.50033	0.000142523	0.359251	-2.78357	20.403	7.872	0.342957	1
cg10959651	0.00473411	0.296745	-3.3699	0.00132486	0.22046	-4.53597	0.0118256	0.361408	-2.76696	0.00897385	0.340955	-2.93294	10.0442	16.6785	1.476	1
cg15346781	0.0546001	0.305341	-3.27503	0.0213699	0.222087	-4.50273	0.00728262	0.152106	-6.57435	0.18343	0.463973	-2.1553	3.83796	17.9939	4.16748	1
cg16524558	0.0281789	0.754393	-1.32557	0.773363	0.96909	-1.0319	0.0132194	0.716078	-1.3965	2.18E-07	0.182545	-5.47812	86.2303	16.1481	0.16646	1
cg02057063	0.000611621	1.23216	1.23216	0.00245126	0.846466	-1.18138	0.000233883	1.27295	1.27295	0.000199217	1.2803	1.2803	31.8089	0.788064	0.0220222	1
cg00642679	0.0552617	0.670393	-1.49166	0.0274736	0.618835	-1.61594	0.790884	1.05012	1.05012	0.494082	0.880031	-1.13632	10.387	5.57155	0.476796	1
cg11383544	0.0756827	1.94747	1.94747	0.312655	0.703225	-1.42202	0.940091	1.02566	1.02566	0.987987	1.00509	1.00509	7.92927	14.2717	1.5999	1
cg20977024	0.000263354	0.421801	-2.37079	0.0710547	1.33685	1.33685	0.843167	1.02893	1.02893	0.765659	0.957879	-1.04397	5.81781	1.9098	0.291794	1
cg26668129	0.634591	1.3283	1.3283	0.123679	0.372056	-2.68777	0.110996	2.79984	2.79984	0.0273992	0.212823	-4.69874	5.49234	30.584	4.94976	1
cg19156941	0.380154	1.18381	1.18381	0.206696	0.779099	-1.28353	0.45328	0.866583	-1.15396	0.0147005	0.569561	-1.75574	5.42748	3.01989	0.494585	1
cg19383656	0.463983	1.10685	1.10685	0.0291302	0.704549	-1.41935	0.00363636	0.585148	-1.70897	0.0505934	1.35449	1.35449	5.28423	1.55254	0.26116	1
cg16515600	0.423299	0.798818	-1.25185	0.00363922	0.339428	-2.94613	0.0354853	1.95892	1.95892	0.938259	1.0215	1.0215	3.80921	4.55099	1.06199	1
cg03469607	0.965988	1.0183	1.0183	0.043669	0.372896	-2.68172	0.983033	1.00909	1.00909	0.84183	0.918525	-1.0887	3.45491	9.90005	2.54711	1
cg17327632	0.0552654	0.662062	-1.51043	1.64E-06	0.101578	-9.84465	0.0493748	1.53063	1.53063	0.0383341	1.57699	1.57699	25.6738	14.6467	0.507103	1
cg14197907	0.132536	1.10516	1.10516	0.0559746	0.875138	-1.14268	0.00071167	1.37385	1.37385	0.000729978	0.7288	-1.37212	12.9043	0.775646	0.0534291	1
cg12080715	0.740824	1.17074	1.17074	8.50E-05	0.0246174	-40.6217	0.248952	0.562216	-1.77868	0.269492	0.57741	-1.73187	8.14161	28.4372	2.71664	1
cg05802532	0.213421	0.771336	-1.29645	0.245128	0.785909	-1.27241	0.27774	1.25067	1.25067	0.00344293	2.19737	2.19737	4.56129	2.83676	0.552818	1
cg15998773	0.299119	0.801108	-1.24827	0.0427522	1.61706	1.61706	0.220249	1.30421	1.30421	0.000197108	0.27544	-3.63056	15.2293	10.2421	0.5978	1
cg03987806	0.0046064	0.537132	-1.86174	0.545116	1.10621	1.10621	0.978454	0.995559	-1.00446	0.579456	1.09666	1.09666	9.33303	3.56949	0.382458	1
cg21534309	0.127019	0.83963	-1.191	1.06E-06	0.258952	-3.86173	0.874927	1.01682	1.01682	0.159282	0.852733	-1.1727	37.0598	6.58379	0.157914	1
cg23082773	0.136531	0.839752	-1.19083	0.55571	0.93717	-1.06704	0.011055	1.4148	1.4148	0.0588346	1.26156	1.26156	11.0824	2.08081	0.166896	1
cg12099188	0.166793	1.42827	1.42827	0.309099	1.28989	1.28989	0.394234	1.23495	1.23495	0.00464472	0.402326	-2.48555	9.58761	8.87999	0.823283	1
cg06682763	0.00738873	0.425387	-2.3508	0.00702767	0.421886	-2.37031	0.15985	1.45052	1.45052	0.0429604	0.561675	-1.78039	7.82339	7.59875	0.863365	1
cg01072202	0.000642929	0.201061	-4.97361	0.461705	0.794945	-1.25795	0.301669	1.38781	1.38781	0.0535816	0.511011	-1.95691	5.96805	8.86587	1.32049	1
cg17444972	0.570861	0.863032	-1.15871	0.000329862	0.225115	-4.44217	0.412253	1.2406	1.2406	0.191348	0.700639	-1.42727	5.4159	5.67302	0.931089	1
cg03570279	0.448711	0.86335	-1.15828	0.0718328	0.682154	-1.46595	0.606387	1.10397	1.10397	0.138753	0.738375	-1.35433	5.04373	2.89351	0.509942	1
cg17043823	0.249466	0.802154	-1.24664	0.00108074	2.42031	2.42031	0.247102	1.24815	1.24815	0.244384	0.800071	-1.24989	4.98079	2.64628	0.472265	1
cg01932125	0.705023	1.09879	1.09879	0.477449	1.19593	1.19593	0.0998056	1.56325	1.56325	0.109836	0.649363	-1.53997	4.53507	4.40737	0.86386	1
cg17989243	0.152311	0.780092	-1.2819	0.401654	0.870204	-1.14916	0.0093431	1.70563	1.70563	0.260289	0.826813	-1.20946	4.18522	1.73882	0.369304	1
cg06695566	0.384194	1.24197	1.24197	0.464992	1.19793	1.19793	0.535778	1.1645	1.1645	0.834615	0.950492	-1.05209	4.13089	3.8589	0.830364	1
cg08577213	0.87345	1.03402	1.03402	0.0026063	2.39933	2.39933	0.691451	1.08732	1.08732	0.703862	0.922982	-1.08344	3.53762	2.46757	0.620021	1
cg05337711	0.35403	0.655286	-1.52605	0.256665	0.591664	-1.69015	0.00433682	0.184537	-5.41897	0.223308	0.567115	-1.76331	5.12875	15.9613	2.76633	1
ch.16.440507F	0.519912	1.26156	1.26156	0.324918	0.696221	-1.43633	0.300104	1.46593	1.46593	0.286714	0.674314	-1.48299	3.66028	4.90343	1.78618	1
cg10611753	0.266324	1.11769	1.11769	0.00416639	0.691511	-1.44611	0.560614	0.945042	-1.05815	0.967093	0.996045	-1.00397	5.19284	0.758947	0.129913	1
cg18120111	0.00244704	1.76134	1.76134	0.00142801	0.538257	-1.85785	0.0135063	1.50765	1.50765	0.158932	1.22406	1.22406	16.3215	4.66092	0.253839	1
cg23422060	0.0383698	1.2366	1.2366	1.71E-05	0.458138	-2.18275	0.109919	1.16675	1.16675	0.624174	0.957238	-1.04467	12.131	1.50494	0.110273	1
cg20460554	0.177813	1.43476	1.43476	0.018154	0.485207	-2.06098	0.183015	1.42788	1.42788	0.946906	0.983351	-1.01693	7.04308	7.08905	0.894691	1
cg13050504	0.105852	0.536018	-1.86561	0.167265	0.594684	-1.68157	0.215491	0.631137	-1.58444	0.138365	0.569365	-1.75634	6.2453	12.3272	1.75452	1
cg23745644	0.00519394	0.20431	-4.89452	0.407952	0.6946	-1.43968	0.0102768	0.248451	-4.02494	0.241366	1.69555	1.69555	4.99573	13.0366	2.60955	1
cg27488751	0.0165774	0.471669	-2.12013	0.096937	0.626338	-1.59658	0.0456486	1.80122	1.80122	0.879104	1.03986	1.03986	4.89638	5.11367	0.928336	1
cg10507649	0.637144	0.953286	-1.049	0.0275154	0.769144	-1.30015	0.00464012	0.68443	-1.46107	0.39244	1.09222	1.09222	4.14643	0.665779	0.142726	1
cg15096142	0.329743	0.639269	-1.56429	0.0605525	0.390102	-2.56343	0.446995	0.708371	-1.41169	0.167329	0.51955	-1.92474	4.00872	12.5639	2.78589	1
cg00612714	0.0462021	0.458626	-2.18043	0.0154549	0.362772	-2.75656	0.0979977	1.85792	1.85792	0.0111772	0.337844	-2.95995	7.53022	13.8906	1.63969	1
cg26935757	0.0270985	2.46125	2.46125	0.614558	1.191	1.191	0.165993	1.66282	1.66282	0.41064	0.748538	-1.33594	3.4151	6.40956	1.66829	1
cg14400821	0.0247629	0.720017	-1.38886	0.18475	1.18871	1.18871	0.400037	1.11168	1.11168	0.00596075	0.642844	-1.55559	8.97216	2.14615	0.212623	1
cg00318111	0.0742663	0.569039	-1.75735	0.0014235	0.270281	-3.69985	0.00329281	0.321407	-3.11132	0.348736	0.760745	-1.3145	8.78885	11.1849	1.13122	1
cg25707767	0.0580473	0.341102	-2.93168	0.00216785	0.115263	-8.67578	0.0435738	0.311925	-3.2059	0.70584	0.82665	-1.2097	5.15052	20.5606	3.54839	1
cg11051318	0.343212	0.69352	-1.44192	0.00364559	0.229011	-4.36661	0.239615	0.630324	-1.58649	0.128894	0.540619	-1.84973	4.22695	9.40399	1.97757	1
cg26051060	0.365867	1.12833	1.12833	0.574347	0.928903	-1.07654	0.4731	0.909526	-1.09947	0.0589321	1.31943	1.31943	3.71904	0.99481	0.23777	1
cg02739853	0.519202	1.14382	1.14382	0.000354767	3.25237	3.25237	0.071575	1.51247	1.51247	0.227402	1.29768	1.29768	9.36766	6.27378	0.595313	1
cg24249648	0.553116	0.860239	-1.16247	0.0571348	0.582731	-1.71606	0.257516	0.743422	-1.34513	0.00492908	0.392778	-2.54596	8.67559	8.65075	0.886343	1
cg20984991	0.202582	0.693663	-1.44162	0.025392	0.485557	-2.05949	0.00175804	0.297617	-3.36002	0.14669	0.65473	-1.52735	4.76247	5.57609	1.04075	1
cg18288168	0.314668	0.773993	-1.292	0.0300701	0.533319	-1.87505	0.00134572	0.317375	-3.15085	0.0633757	0.59785	-1.67266	4.24821	4.08473	0.854682	1
cg02895126	0.502063	0.73093	-1.36812	0.90069	1.05912	1.05912	0.105401	2.25676	2.25676	0.0201108	0.275269	-3.63281	3.6038	12.0816	2.97996	1
cg07988927	0.403361	1.1436	1.1436	6.88E-05	0.319282	-3.13203	0.817346	1.03697	1.03697	0.917155	0.983806	-1.01646	21.1433	8.24523	0.346639	1
cg23794323	0.112503	0.905874	-1.10391	0.00319066	0.794238	-1.25907	0.49872	1.04008	1.04008	0.00995267	1.20473	1.20473	13.558	0.70294	0.0460863	1
cg10745682	0.1953	0.891292	-1.12197	0.000250341	0.601963	-1.66123	0.398129	0.929892	-1.07539	0.459215	0.938645	-1.06537	10.3171	1.15346	0.0993785	1
cg20232471	0.338822	1.11509	1.11509	0.00133825	0.597424	-1.67385	0.940628	0.991803	-1.00826	0.250057	1.14204	1.14204	5.88627	1.13817	0.171876	1
cg25300214	0.521757	0.942478	-1.06103	0.00101011	0.640773	-1.56061	0.0242297	1.27776	1.27776	0.0411909	0.806625	-1.23973	5.83034	0.76862	0.117183	1
cg02722511	0.197378	0.854334	-1.1705	0.00338253	0.631014	-1.58475	0.254396	0.871538	-1.1474	0.178801	1.17941	1.17941	3.44224	0.727693	0.187912	1
cg13273398	0.150849	3.20511	3.20511	?	?	?	0.360343	0.493198	-2.02758	0.0914826	4.10429	4.10429	3.90087	22.588	6.75558	1
cg11276053	0.000179025	0.13852	-7.21916	0.142459	1.63417	1.63417	0.0247386	0.434823	-2.29978	0.330769	0.731534	-1.36699	10.9181	16.7798	1.36611	1
cg04694205	0.0494172	0.428555	-2.33342	0.0425574	0.413788	-2.4167	0.0337006	0.391709	-2.55292	0.182599	0.585974	-1.70656	4.98542	11.2746	2.01024	1
cg11267114	0.0337091	0.235236	-4.25105	0.00466291	0.111315	-8.98355	0.0220455	0.201437	-4.96433	0.109849	0.361674	-2.76492	4.83703	26.0839	4.79337	1
cg07377422	0.690679	0.643043	-1.55511	0.0126803	0.0327131	-30.5688	0.929435	0.906854	-1.10271	0.443147	2.3706	2.3706	3.5277	68.0838	17.1554	1
cg27118825	0.979017	0.989069	-1.01105	0.0101489	0.257909	-3.87733	0.191348	0.560937	-1.78273	0.281827	1.5959	1.5959	3.45485	9.5572	2.45895	1
cg21006913	0.00816859	0.513586	-1.94709	1.53E-05	0.17176	-5.82206	0.989798	1.00252	1.00252	0.00224598	0.430825	-2.32113	22.1148	13.5718	0.545508	1
cg07593342	0.133038	1.20179	1.20179	0.000440181	1.87689	1.87689	0.422142	0.911196	-1.09746	0.138701	0.834626	-1.19814	19.5134	3.97539	0.18109	1
cg08683249	0.0311558	0.47558	-2.1027	2.60E-05	11.5659	11.5659	0.0151427	2.40347	2.40347	0.298055	1.37298	1.37298	12.9826	17.7552	1.21566	1
cg05547260	0.040136	0.373354	-2.67842	0.000680329	0.115679	-8.64459	0.159995	1.86579	1.86579	0.02129	0.316671	-3.15785	9.34464	25.5429	2.42971	1
cg05943655	0.0169387	6.25828	6.25828	0.127518	2.82229	2.82229	0.0169077	6.26287	6.26287	0.0677743	3.62632	3.62632	6.75763	42.4283	5.58096	1
cg11034626	0.640945	0.837492	-1.19404	0.000317	9.0456	9.0456	0.271835	1.54016	1.54016	0.386426	1.39826	1.39826	6.37859	14.4015	2.00692	1
cg20582800	0.814304	0.898227	-1.1133	0.000262248	15.4394	15.4394	0.376761	1.51249	1.51249	0.390433	1.49399	1.49399	5.91056	19.4802	2.92963	1
cg12413421	2.38E-06	0.222626	-4.49184	1.84E-08	0.0603129	-16.5802	3.48E-07	0.145391	-6.87799	0.000287883	0.460872	-2.1698	93.2156	25.3014	0.24127	1
cg08655686	0.191829	1.17797	1.17797	0.149443	0.832579	-1.20109	0.00064217	1.86082	1.86082	0.315276	1.13099	1.13099	37.3507	8.31281	0.197832	1
cg06626655	0.749084	0.963724	-1.03764	5.81E-05	0.42406	-2.35816	1.03E-06	4.36594	4.36594	0.00800764	1.47889	1.47889	34.8772	7.32371	0.186654	1
cg00870095	0.0702947	1.40181	1.40181	0.0163436	0.612599	-1.63239	0.0314541	1.52384	1.52384	0.213244	0.803469	-1.2446	7.36978	3.25289	0.392339	1
cg13568283	0.156888	0.826087	-1.21053	0.000332504	0.481527	-2.07673	0.73131	0.957436	-1.04446	0.068076	0.772725	-1.29412	7.35765	1.85554	0.22417	1
cg21165978	0.143751	0.510308	-1.9596	0.000514197	0.0980925	-10.1945	0.719408	0.856841	-1.16708	0.380985	0.680552	-1.4694	7.33308	21.3028	2.58225	1
cg26519919	0.00377835	0.334962	-2.98541	0.00123435	0.26658	-3.75122	0.0115431	0.413083	-2.42082	0.280543	0.730563	-1.36881	6.94704	8.61892	1.10281	1
cg03654735	0.172144	1.88484	1.88484	?	?	?	0.40064	0.687141	-1.4553	0.20724	0.559867	-1.78614	5.61249	15.0293	2.67783	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17161617	RSPO1	0.0136876	0.0108292	0.160179	-6.24302	0.0817792	0.331613	-3.01557	0.017629	0.191597	-5.21927	0.115428	0.375522	-2.66296	0.00758704	0.140127	-7.13641
cg22063989	RSPO1	0.0357362	0.30493	1.23836	1.23836	0.0637591	1.521	1.521	0.359453	1.20878	1.20878	0.227362	1.29049	1.29049	0.975734	0.993898	-1.00614
cg13448605	RSPO1;RSPO1	0.0169686	0.399573	0.81314	-1.2298	0.0129125	2.09661	2.09661	0.0561891	1.6799	1.6799	0.699255	0.911087	-1.09759	0.281489	0.764539	-1.30798
cg00997551	RSPO2	3.33E-05	2.66E-05	6.10624	6.10624	0.035399	0.586409	-1.70529	0.000222785	3.81549	3.81549	0.015735	0.524735	-1.90572	0.000229176	0.263551	-3.79434
cg14926258	RSPO2	0.00352662	0.686496	0.949244	-1.05347	0.238352	1.17181	1.17181	0.00142911	0.553156	-1.80781	0.0917779	0.787954	-1.26911	0.00484323	1.61553	1.61553
cg13700897	RSPO2	0.0122961	0.14644	0.792562	-1.26173	0.771177	0.957439	-1.04445	0.110402	1.29624	1.29624	0.0289788	1.46808	1.46808	0.128816	1.27737	1.27737
cg07390122	RSPO2	0.0131838	0.0762299	0.740896	-1.34972	0.747666	0.952112	-1.0503	0.462641	0.892557	-1.12038	0.150017	0.790888	-1.2644	0.304857	0.850837	-1.17531
cg23686352	RSPO2	0.0156867	0.69793	0.925709	-1.08025	0.00808944	1.95672	1.95672	0.000907937	0.374528	-2.67003	0.892777	1.02705	1.02705	0.205647	1.30248	1.30248
cg16845394	RSPO2	0.0161027	0.0627374	0.60146	-1.66262	0.301141	0.773583	-1.29269	0.0245817	1.92731	1.92731	0.987049	1.00388	1.00388	0.0219381	0.50943	-1.96298

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17161617	0.016266	0.186066	-5.37444	0.00302514	0.0977051	-10.2349	0.0108186	0.160121	-6.24529	0.0775967	0.32544	-3.07277	5.3393	27.6952	4.61071	1
cg22063989	0.885705	1.02937	1.02937	0.00178974	0.408891	-2.44564	0.233025	1.28613	1.28613	0.55096	1.12908	1.12908	3.83807	2.46151	0.57008	1
cg13448605	0.781937	0.93561	-1.06882	0.00369945	0.390283	-2.56224	0.0438906	1.74286	1.74286	0.364846	1.25025	1.25025	4.97256	4.5312	0.809992	1
cg00997551	0.0481617	0.61137	-1.63567	5.22E-05	0.192429	-5.19672	0.0497515	1.6285	1.6285	0.693819	1.09003	1.09003	29.6229	22.2727	0.668333	1
cg14926258	0.794821	0.967097	-1.03402	0.00136609	1.81574	1.81574	0.787491	0.965908	-1.0353	0.707274	0.952725	-1.04962	8.15529	2.12864	0.232012	1
cg13700897	0.040295	0.702345	-1.4238	0.00278912	0.540782	-1.84917	0.301071	0.852308	-1.17328	0.0860543	1.32697	1.32697	5.52955	1.94799	0.313145	1
cg07390122	0.334876	1.16322	1.16322	0.00157979	0.501707	-1.99319	0.0292179	1.47786	1.47786	0.0369554	1.44533	1.44533	5.40529	1.97852	0.325364	1
cg23686352	0.675029	0.919929	-1.08704	0.877556	0.969945	-1.03099	0.461763	1.15985	1.15985	0.936524	1.01589	1.01589	5.10443	3.16706	0.551515	1
cg16845394	0.022686	0.512196	-1.95238	0.00971682	2.24724	2.24724	0.409685	0.817391	-1.22341	0.29898	1.2943	1.2943	5.67293	4.99586	0.684949	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19869610	RTN2;RTN2;RTN2	0.0373494	0.584722	1.13488	1.13488	0.0506776	1.66612	1.66612	0.0608773	1.62317	1.62317	0.853313	1.04335	1.04335	0.220719	0.744412	-1.34334
cg19031575	RTN2;RTN2;RTN2;RTN2	0.0205243	0.0904307	3.14977	3.14977	0.00525351	9.61808	9.61808	0.0188718	5.74899	5.74899	0.735052	1.2323	1.2323	0.157213	0.39445	-2.53518
cg12950624	RTN2;RTN2;RTN2;RTN2	0.0495959	0.620445	0.919405	-1.08766	0.466427	0.882716	-1.13287	0.201628	1.2548	1.2548	0.952516	0.990026	-1.01007	0.103061	1.35009	1.35009
cg13245912	RTN3;RTN3;RTN3;RTN3	0.00703318	0.848434	1.08187	1.08187	0.352414	1.48226	1.48226	0.901599	0.950399	-1.05219	0.516409	0.762926	-1.31074	0.000436976	0.101701	-9.83274
cg02984023	RTN3;RTN3;RTN3;RTN3	0.0122474	0.0976082	0.652203	-1.53326	0.0215801	0.522648	-1.91333	0.446206	0.833117	-1.20031	0.00326278	0.389431	-2.56785	0.000661131	0.293376	-3.40859
cg08242020	RTN3;RTN3;RTN3;RTN3	0.0249539	0.289515	1.27558	1.27558	0.267572	1.29136	1.29136	0.095266	1.5005	1.5005	0.00739789	0.46581	-2.1468	0.628265	0.897613	-1.11407
cg14519859	RTN3;RTN3;RTN3;RTN3	0.0401972	0.20443	1.97309	1.97309	0.665488	0.803216	-1.245	0.747412	1.1767	1.1767	0.578411	0.753546	-1.32706	0.0178372	0.224158	-4.46115
cg13972394	RTN3;RTN3;RTN3;RTN3;RTN3;RTN3;RTN3;RTN3	0.0119142	0.240613	1.17677	1.17677	0.142348	0.811427	-1.2324	0.772988	1.03907	1.03907	0.00270943	0.577609	-1.73128	0.0122279	0.661276	-1.51223
cg00209424	RTN4;RTN4;RTN4	0.000118559	0.430008	1.32784	1.32784	0.00147535	5.02822	5.02822	0.792186	0.911243	-1.0974	2.74E-06	0.0189707	-52.7128	0.192665	1.6247	1.6247
cg14054343	RTN4;RTN4;RTN4;RTN4	0.0221332	0.0343975	0.67404	-1.48359	0.0144967	1.61853	1.61853	0.0458949	1.44168	1.44168	0.811404	1.03895	1.03895	0.00576169	1.78325	1.78325
cg09592903	RTN4;RTN4;RTN4;RTN4;RTN4	0.0060544	0.000413895	0.174981	-5.71492	0.0076063	0.343803	-2.90864	0.0136207	0.386971	-2.58418	0.804645	1.08014	1.08014	0.0230487	0.429356	-2.32907
cg22597794	RTN4;RTN4;RTN4;RTN4;RTN4	0.0103179	0.0183029	0.430679	-2.32192	0.0416271	1.99571	1.99571	0.948705	1.01911	1.01911	0.0329598	0.480117	-2.08283	0.00167466	0.266625	-3.75059
cg20993754	RTN4;RTN4;RTN4;RTN4;RTN4	0.016905	0.0573978	2.28745	2.28745	0.00845896	3.64828	3.64828	0.0510787	2.35214	2.35214	0.14908	1.81418	1.81418	0.495965	1.30491	1.30491
cg15913875	RTN4;RTN4;RTN4;RTN4;RTN4	0.0425588	0.661292	1.25303	1.25303	0.145307	2.22575	2.22575	0.0741315	2.76816	2.76816	0.245694	1.86114	1.86114	0.941508	1.03826	1.03826
cg14640066	RTN4;RTN4;RTN4;RTN4;RTN4;RTN4	5.86E-05	0.0639215	0.569461	-1.75605	0.000389248	4.61466	4.61466	0.0167371	2.20255	2.20255	0.225028	1.41137	1.41137	0.365354	1.28593	1.28593
cg04324126	RTN4;RTN4;RTN4;RTN4;RTN4;RTN4;RTN4	0.024531	0.26573	1.34534	1.34534	0.126065	0.654829	-1.52712	0.656249	0.891734	-1.12141	0.198433	0.706353	-1.41572	0.673315	0.89721	-1.11457
cg27007060	RTN4IP1	0.0097445	0.207126	0.596463	-1.67655	0.534043	0.783	-1.27714	0.0664707	2.22421	2.22421	0.549007	1.26556	1.26556	0.00449769	0.229694	-4.35361
cg25216662	RTN4IP1	0.0125362	0.028689	0.639953	-1.56262	0.00762701	0.55248	-1.81002	0.00145765	0.451501	-2.21483	0.752971	0.946856	-1.05613	0.0217922	0.621141	-1.60994
cg20636846	RTN4IP1	0.0287189	0.153927	0.608146	-1.64434	0.0538226	0.490019	-2.04074	0.0826615	0.534609	-1.87053	0.0517995	0.486235	-2.05662	0.0498813	0.482538	-2.07238
cg07476030	RTN4IP1;QRSL1	0.00141897	0.171532	0.612328	-1.63311	0.0125691	0.351402	-2.84575	0.236992	0.658714	-1.51811	0.123496	0.569974	-1.75447	0.000211131	0.124029	-8.06266
cg24914244	RTN4IP1;QRSL1	0.0145411	0.742582	0.956574	-1.0454	0.0572478	0.748447	-1.3361	0.111027	0.791463	-1.26348	0.887141	1.01931	1.01931	0.144683	1.23496	1.23496
cg01239717	RTN4IP1;QRSL1;RTN4IP1	0.00154512	0.798985	1.04351	1.04351	0.000371963	0.386608	-2.5866	0.000426879	0.39425	-2.53646	0.218671	0.805807	-1.24099	0.0404565	0.673713	-1.48431
cg16217313	RTN4IP1;QRSL1;RTN4IP1	0.0206124	0.439988	1.14958	1.14958	0.126838	1.33949	1.33949	0.155562	1.30862	1.30862	0.115079	0.738394	-1.35429	0.00264093	0.478788	-2.0886
cg07543823	RTN4R	0.00292862	0.249431	1.24617	1.24617	0.00133523	2.3459	2.3459	0.000787323	2.52893	2.52893	0.0224088	1.64897	1.64897	0.52868	0.889855	-1.12378
cg13397314	RTN4R	0.0137506	0.488104	1.16451	1.16451	0.8098	0.949199	-1.05352	0.262683	1.28725	1.28725	0.201775	1.33837	1.33837	0.370871	1.21979	1.21979
cg17654470	RTN4R	0.026566	0.474792	0.912109	-1.09636	0.232496	1.17172	1.17172	0.0719981	1.28943	1.28943	0.0353015	0.733246	-1.3638	0.444534	1.10369	1.10369
cg03475420	RTN4R;RTN4R	0.0300649	0.0666281	2.07854	2.07854	0.709189	0.875221	-1.14257	0.713988	1.13992	1.13992	0.13502	1.77393	1.77393	0.222368	1.57811	1.57811
cg25813630	RTN4RL1	0.000186997	3.55E-05	0.224635	-4.45166	0.113422	0.724431	-1.38039	0.000902059	0.394742	-2.5333	0.172311	0.761964	-1.3124	0.410415	0.854249	-1.17062
cg10479452	RTN4RL1	0.000348093	0.0290351	0.783519	-1.27629	0.0873167	0.836135	-1.19598	0.209347	0.882102	-1.13366	0.958474	0.995076	-1.00495	0.0521482	1.23297	1.23297
cg01019770	RTN4RL1	0.000432392	0.0460678	1.37107	1.37107	5.76E-05	0.357028	-2.8009	0.0504598	0.735072	-1.36041	0.685061	1.05791	1.05791	0.665819	1.06183	1.06183
cg05879505	RTN4RL1	0.00101507	0.0103965	2.09158	2.09158	0.0782844	1.56411	1.56411	0.0117774	0.487045	-2.0532	0.612324	1.12397	1.12397	0.849914	0.957604	-1.04427
cg04584833	RTN4RL1	0.0010763	0.265029	0.890234	-1.1233	0.0124788	1.36498	1.36498	0.0271323	1.29928	1.29928	0.442306	0.924581	-1.08157	0.181417	1.15259	1.15259
cg01415909	RTN4RL1	0.00139628	0.20289	0.750907	-1.33172	0.0131986	1.92465	1.92465	0.000850676	2.91067	2.91067	0.426507	1.18891	1.18891	0.0867692	0.668227	-1.4965
cg26772766	RTN4RL1	0.00407303	0.115638	0.783204	-1.27681	0.180419	0.816095	-1.22535	0.00571166	1.67836	1.67836	0.144545	1.25097	1.25097	0.525109	0.912097	-1.09638
cg21802919	RTN4RL1	0.00735608	0.0309413	1.48748	1.48748	0.0607993	1.39273	1.39273	0.475024	0.892387	-1.12059	0.0341913	1.47304	1.47304	0.510471	1.11029	1.11029
cg05550893	RTN4RL1	0.00794766	0.0614158	0.7705	-1.29786	0.109347	0.805742	-1.24109	0.030036	0.729251	-1.37127	0.0197955	1.41641	1.41641	0.00245987	0.593871	-1.68387
cg20641798	RTN4RL1	0.0102611	0.0694791	1.49881	1.49881	0.837952	1.04166	1.04166	0.472642	1.15671	1.15671	0.21248	1.29915	1.29915	0.755387	1.06426	1.06426
cg08454053	RTN4RL1	0.0138476	0.0988693	2.87558	2.87558	0.0287017	4.50979	4.50979	0.233039	2.07492	2.07492	0.30007	1.87171	1.87171	0.0206473	5.08844	5.08844
cg12967327	RTN4RL1	0.0168586	0.0617945	0.396012	-2.52517	0.190261	0.542885	-1.84201	0.0314641	0.329205	-3.03762	0.685246	1.19655	1.19655	0.00202478	0.147038	-6.80095
cg08197956	RTN4RL1	0.0257476	0.011543	0.389476	-2.56755	0.766105	0.914798	-1.09314	0.435025	0.788395	-1.2684	0.176039	1.53639	1.53639	0.0201635	0.433226	-2.30827
cg23669611	RTN4RL1	0.0305937	0.0479295	9.60715	9.60715	0.0846079	6.74254	6.74254	0.34913	2.6231	2.6231	0.0976134	6.1628	6.1628	0.0699749	7.59243	7.59243
cg04207549	RTN4RL1	0.0397953	0.0116538	0.285144	-3.507	0.0740092	0.452723	-2.20886	0.0968648	0.484164	-2.06542	0.0547692	0.420192	-2.37987	0.0131823	0.294318	-3.39769
cg15641024	RTN4RL2	1.62E-05	0.0865124	0.870132	-1.14925	0.0443723	1.18489	1.18489	0.125436	0.885289	-1.12957	0.284479	0.921563	-1.08511	4.17E-05	0.563662	-1.77411
cg08924696	RTN4RL2	0.00322841	0.0226881	0.711111	-1.40625	0.00060628	0.516543	-1.93595	0.325507	0.880837	-1.13528	0.164008	1.20395	1.20395	0.0240509	0.714378	-1.39982
cg17349753	RTN4RL2	0.00408146	?	?	?	0.567807	1.24108	1.24108	0.00251121	0.168857	-5.92218	0.00101707	0.119666	-8.3566	0.0785417	2.13171	2.13171
cg19956836	RTN4RL2	0.0119702	0.0133962	0.322499	-3.10079	0.0132701	0.321775	-3.10776	0.00910048	0.293918	-3.40231	0.0640416	0.46347	-2.15764	0.00485964	0.251651	-3.97376
cg12822074	RTN4RL2	0.0171166	0.0109708	11.9765	11.9765	0.0600952	5.206	5.206	0.47541	1.75872	1.75872	0.0972674	4.11918	4.11918	0.00626278	15.9744	15.9744
cg01932827	RTN4RL2	0.0474994	0.909239	0.983262	-1.01702	0.505657	1.10514	1.10514	0.0342583	1.4414	1.4414	0.00731318	0.599347	-1.66848	0.464065	0.895559	-1.11662
cg14303616	RTP1	1.48E-05	0.0783522	1.0902	1.0902	1.13E-05	0.662496	-1.50944	0.00614633	0.853966	-1.17101	0.0480465	1.10495	1.10495	0.00033446	1.29114	1.29114
cg16759976	RTP1	0.000631733	0.000846957	0.225424	-4.43609	0.281498	0.717213	-1.39429	0.000794451	0.222047	-4.50354	0.0449656	0.504949	-1.9804	0.000106206	0.1311	-7.62779
cg06615840	RTP2	0.000560416	0.335819	0.822227	-1.21621	0.805901	0.952605	-1.04975	0.00128969	0.39652	-2.52194	0.865807	1.03392	1.03392	4.17E-05	0.214603	-4.65976
cg20388194	RTP2	0.00106115	0.9911	0.997711	-1.00229	0.00439732	0.457821	-2.18426	0.00156946	0.393312	-2.54251	0.0251345	0.578552	-1.72845	5.09E-05	0.210294	-4.75525
cg03954501	RTP2	0.012974	0.511417	0.938785	-1.06521	0.0912201	0.838253	-1.19296	0.157596	0.866473	-1.1541	0.721306	1.03456	1.03456	0.38001	1.08917	1.08917
cg15907867	RTP2	0.0258354	0.110702	0.728909	-1.37191	0.141642	1.33312	1.33312	0.405317	1.16754	1.16754	0.0489137	0.664234	-1.50549	0.434553	0.864969	-1.15611
cg10761978	RTP2	0.03518	0.534505	1.15937	1.15937	0.066248	1.62303	1.62303	0.00512495	0.419263	-2.38514	0.878559	0.964695	-1.0366	0.0939944	0.648651	-1.54166
cg10332349	RTP2;RTP2	0.000344605	0.095583	0.822872	-1.21526	0.000184388	1.95975	1.95975	0.000139763	0.496382	-2.01458	0.170834	0.856166	-1.168	0.00200564	0.628573	-1.59091
cg07224221	RTP3	0.000173653	0.317736	0.881599	-1.1343	0.0136792	1.45075	1.45075	0.00490669	0.634554	-1.57591	0.859258	0.978575	-1.02189	2.49E-05	0.359801	-2.77932
cg19835040	RTP3	0.020147	0.648763	0.85425	-1.17062	0.031749	2.37453	2.37453	0.303026	0.693158	-1.44267	0.00234311	0.23248	-4.30145	0.00814137	0.312358	-3.20145
cg24218995	RTTN	7.43E-06	0.882439	0.984389	-1.01586	0.615298	0.947549	-1.05535	0.0255781	0.754239	-1.32584	0.73568	1.03668	1.03668	0.173977	0.857452	-1.16625
cg12375025	RTTN	0.000329572	0.687221	0.954944	-1.04718	0.498967	0.924801	-1.08131	0.00683221	0.670935	-1.49046	0.383919	1.10704	1.10704	0.150206	1.19205	1.19205
cg18824571	RTTN	0.000820832	0.668493	1.14845	1.14845	0.923403	1.03138	1.03138	0.0738333	1.89694	1.89694	0.925572	1.03048	1.03048	0.408663	1.31197	1.31197
cg10892794	RTTN	0.00621576	0.997277	0.999185	-1.00082	0.252375	0.751541	-1.3306	0.00433343	0.402178	-2.48646	0.560519	0.86883	-1.15097	0.000339464	0.251773	-3.97183
cg06282189	RTTN	0.0307239	0.0289169	1.7938	1.7938	0.0552445	0.610794	-1.63721	0.150027	0.704636	-1.41917	0.204523	1.35491	1.35491	0.650765	0.901777	-1.10892
cg27359501	RTTN;RTTN	0.00985975	0.0267877	0.772063	-1.29523	0.0695293	1.22161	1.22161	0.0830559	0.827605	-1.20831	0.512219	0.936561	-1.06774	0.00410054	0.68406	-1.46186
cg06875832	RUFY1	0.000283445	0.631085	0.936217	-1.06813	0.828053	1.03007	1.03007	0.367086	0.881424	-1.13453	0.969249	0.994763	-1.00526	0.0863465	0.772519	-1.29447
cg16606067	RUFY1	0.0017448	0.0200948	0.517565	-1.93212	0.904747	0.972276	-1.02851	0.405955	1.22101	1.22101	3.95E-05	0.157728	-6.34001	0.25196	0.754979	-1.32454
cg26307641	RUFY1	0.00338411	0.806797	1.01677	1.01677	0.0666851	1.14979	1.14979	0.175904	1.10263	1.10263	0.0382332	1.17709	1.17709	0.164398	1.10596	1.10596
cg02589141	RUFY1	0.00653481	0.440637	0.825967	-1.2107	0.00364771	0.384386	-2.60155	0.0150202	0.483441	-2.06851	0.842264	1.04964	1.04964	0.476399	1.1925	1.1925
cg24649697	RUFY1	0.0167951	0.0647315	1.30975	1.30975	0.876529	1.02043	1.02043	0.803144	0.968035	-1.03302	0.315969	1.14437	1.14437	0.00631702	0.629674	-1.58812
cg05497107	RUFY1	0.023596	0.20973	0.824825	-1.21238	0.455018	1.11723	1.11723	0.952733	1.00867	1.00867	0.875187	1.02316	1.02316	0.053952	1.37537	1.37537
cg21951679	RUFY1	0.0398127	0.885447	0.981616	-1.01873	0.477493	1.09742	1.09742	0.266442	1.16072	1.16072	0.847184	1.02514	1.02514	0.586068	0.93167	-1.07334
cg21226059	RUFY1;RUFY1;RUFY1	0.000682426	0.107703	1.45259	1.45259	0.000944081	0.350366	-2.85416	9.76E-05	4.3611	4.3611	0.605404	1.11722	1.11722	0.00911256	2.02307	2.02307
cg22563785	RUFY1;RUFY1;RUFY1	0.00101436	0.232173	1.16156	1.16156	0.0528952	1.30078	1.30078	0.00435867	0.634295	-1.57655	0.910543	1.01352	1.01352	0.000830856	1.82474	1.82474
cg14820908	RUFY1;RUFY1;RUFY1	0.00138887	0.441623	0.860705	-1.16184	0.167038	0.754558	-1.32528	3.71E-05	4.55441	4.55441	0.0302335	0.614397	-1.62761	0.524056	0.883878	-1.13138
cg05457628	RUFY1;RUFY1;RUFY1	0.00248202	0.00183515	0.321098	-3.11432	0.128225	0.65568	-1.52513	0.00015027	5.31636	5.31636	0.389306	0.797355	-1.25415	0.786799	0.932778	-1.07207
cg19626725	RUFY1;RUFY1;RUFY1	0.00255319	0.123837	0.714829	-1.39894	0.00240264	2.34395	2.34395	0.000627776	2.8834	2.8834	0.0109417	1.90272	1.90272	0.175415	0.748076	-1.33676
cg00080972	RUFY1;RUFY1;RUFY1	0.00905221	0.500028	1.17239	1.17239	0.0365531	1.7585	1.7585	0.000128134	4.6989	4.6989	0.443709	1.19892	1.19892	0.70535	1.09226	1.09226
cg17811323	RUFY1;RUFY1;RUFY1	0.0104583	0.743329	0.924995	-1.08109	0.00045451	0.26959	-3.70933	0.0589579	0.602869	-1.65873	0.97314	1.00802	1.00802	0.00525288	0.417513	-2.39514
cg17659707	RUFY1;RUFY1;RUFY1	0.0193724	0.0303791	0.378238	-2.64384	0.0417591	0.407965	-2.45119	0.914267	0.959694	-1.042	0.266874	0.642808	-1.55567	0.734606	0.878105	-1.13882
cg22764044	RUFY1;RUFY1;RUFY1;RUFY1;RUFY1	0.0409835	0.662864	0.930794	-1.07435	0.259101	0.824905	-1.21226	0.00069445	2.33058	2.33058	0.573384	1.09748	1.09748	0.890553	0.977742	-1.02276
cg06083252	RUFY2	0.00711302	0.654665	0.895312	-1.11693	0.000435815	0.255225	-3.91811	0.0157008	0.483213	-2.06948	0.233152	1.35942	1.35942	0.29515	0.765926	-1.30561
cg07439679	RUFY2;RUFY2	1.88E-05	0.000567229	0.567137	-1.76324	2.05E-05	0.401046	-2.49348	0.00544532	1.47454	1.47454	0.0535582	0.79228	-1.26218	0.000256929	0.527752	-1.89483
cg02249930	RUFY2;RUFY2	0.0184748	0.810735	0.977671	-1.02284	0.0019011	1.51305	1.51305	0.55896	1.0572	1.0572	0.234213	1.12455	1.12455	0.276163	1.11252	1.11252
cg22714601	RUFY3	0.00354696	0.715175	0.928108	-1.07746	0.000660874	0.345862	-2.89133	0.0341852	0.604653	-1.65384	0.198885	0.758535	-1.31833	0.0423261	0.621227	-1.60972
cg09215582	RUFY3	0.0177471	0.0774478	0.539734	-1.85276	0.000839955	0.206335	-4.8465	0.0821227	0.545986	-1.83155	0.477478	0.796979	-1.25474	0.010286	0.362036	-2.76216
cg03582286	RUFY3	0.0209135	0.608527	0.946344	-1.0567	0.00542761	1.47786	1.47786	0.0645749	1.24812	1.24812	0.918647	1.01097	1.01097	0.234259	0.875366	-1.14238
cg03173722	RUFY3;RUFY3;RUFY3	0.00182397	0.103894	1.41523	1.41523	0.000329389	3.10389	3.10389	0.00964491	1.89606	1.89606	0.0392653	1.59334	1.59334	0.798692	1.05118	1.05118
cg18105065	RUFY4	5.23E-06	0.0905471	1.24075	1.24075	0.0401128	0.760056	-1.31569	2.84E-06	3.65639	3.65639	0.0616498	0.783892	-1.27569	8.73E-07	4.53979	4.53979
cg05509478	RUFY4	0.000256309	0.15032	0.855926	-1.16833	0.0106702	0.723343	-1.38247	5.22E-06	0.352237	-2.83899	0.00128415	0.622779	-1.60571	0.106753	0.837206	-1.19445
cg01658502	RUFY4	0.00173799	0.05313	0.658284	-1.5191	0.0664055	1.47955	1.47955	0.254484	1.25409	1.25409	0.41058	0.852043	-1.17365	0.485406	0.873811	-1.14441
cg01712671	RUFY4	0.0235088	0.299136	1.37156	1.37156	0.989721	1.00379	1.00379	0.117129	0.606684	-1.6483	0.298503	1.37217	1.37217	0.206554	0.676285	-1.47867
cg20316538	RUFY4	0.0436881	0.0186806	0.233915	-4.27505	0.183163	0.486836	-2.05408	0.016291	0.223774	-4.46879	0.677579	1.2375	1.2375	0.00431442	0.143022	-6.99194
cg01648779	RUFY4	0.0440335	0.452873	1.15186	1.15186	0.0047129	2.00222	2.00222	0.0355847	1.57192	1.57192	0.493151	0.879259	-1.13732	0.673338	1.08155	1.08155
cg18102446	RUFY4;RUFY4	0.01627	0.709382	0.928822	-1.07663	0.791214	1.05372	1.05372	0.556648	1.12441	1.12441	0.275147	0.799371	-1.25098	0.0154064	0.556326	-1.79751
cg11492403	RUNDC1;AARSD1;AARSD1;AARSD1;AARSD1	0.00065109	0.000181442	0.311338	-3.21195	0.00958916	1.82988	1.82988	0.0471709	0.658057	-1.51963	0.105463	1.38525	1.38525	0.000109287	0.284945	-3.50945
cg02980075	RUNDC1;AARSD1;AARSD1;AARSD1;AARSD1;AARSD1	0.0101687	0.0153521	0.441396	-2.26554	0.0109925	2.40356	2.40356	0.012017	2.36571	2.36571	0.0212911	2.13994	2.13994	0.204015	0.691801	-1.4455
cg06865119	RUNDC2A	3.40E-07	2.81E-07	0.309938	-3.22646	0.000899848	0.680847	-1.46876	7.90E-08	0.252004	-3.96819	0.090969	0.865845	-1.15494	7.33E-05	0.572419	-1.74697
cg10359235	RUNDC2A	0.000270438	0.00157137	0.475309	-2.1039	0.17804	0.791037	-1.26416	0.00110732	0.455037	-2.19762	0.401086	0.868684	-1.15117	1.98E-05	0.242687	-4.12053
cg02386311	RUNDC2A	0.000657076	0.132607	0.615306	-1.62521	0.0373791	0.485319	-2.0605	0.0988579	0.581851	-1.71865	0.000941631	0.228476	-4.37683	1.86E-05	0.0736	-13.5869
cg10080417	RUNDC2A	0.00251124	0.495313	0.808394	-1.23702	0.00418068	0.30761	-3.25087	0.00193647	0.259912	-3.84746	0.551241	0.83093	-1.20347	0.000319692	0.167026	-5.9871
cg13671818	RUNDC2A	0.00528644	0.105922	0.856832	-1.16709	0.0542329	1.21063	1.21063	0.00340566	1.41661	1.41661	0.00995375	0.752156	-1.32951	0.419843	0.930425	-1.07478
cg27434863	RUNDC2A	0.00697553	0.467406	1.2607	1.2607	0.630752	1.16385	1.16385	0.646942	1.15544	1.15544	0.0182739	0.407613	-2.45331	0.00369434	0.292522	-3.41855
cg08369576	RUNDC2A	0.00766901	0.809517	1.05566	1.05566	0.1375	0.698537	-1.43156	0.0157234	0.514807	-1.94248	0.00122095	0.34597	-2.89042	0.000877715	0.326627	-3.0616
cg09581137	RUNDC2A	0.00970713	0.0219298	0.238976	-4.18452	0.058324	3.04618	3.04618	0.148232	0.445976	-2.24227	0.763469	0.854589	-1.17015	0.00170272	0.0969946	-10.3099
cg05504279	RUNDC2A	0.0101649	0.259153	0.563779	-1.77375	0.0217426	0.261583	-3.82288	0.0143798	0.230191	-4.34421	0.827412	1.11215	1.11215	0.208942	1.90558	1.90558
cg01433913	RUNDC2A	0.0140996	0.0446189	0.697547	-1.43359	0.393716	1.14622	1.14622	0.172504	0.797073	-1.25459	0.637065	1.07706	1.07706	0.000380419	0.412077	-2.42673
cg03412557	RUNDC2A	0.0190998	0.274876	1.3728	1.3728	0.0473383	1.88296	1.88296	0.663442	0.885042	-1.12989	0.63512	1.14262	1.14262	0.00213589	0.30021	-3.331
cg01974761	RUNDC2A	0.0344819	0.320048	0.825354	-1.2116	0.134468	1.35185	1.35185	0.951441	0.988688	-1.01144	0.47466	0.873003	-1.14547	0.100231	0.714327	-1.39992
cg01282959	RUNDC2C	0.00021434	0.709751	0.938347	-1.0657	0.73453	0.943712	-1.05965	3.74E-06	0.158844	-6.29548	0.343176	1.18083	1.18083	0.0914101	0.728764	-1.37219
cg07558153	RUNDC2C	0.00315209	0.00790149	0.40619	-2.4619	0.664253	1.12242	1.12242	0.136046	0.653923	-1.52923	0.00734391	0.401006	-2.49373	0.0318797	0.514265	-1.94452
cg27539858	RUNDC2C	0.0060451	0.00628841	1.4022	1.4022	0.166766	0.869355	-1.15028	0.118625	0.851388	-1.17455	0.175161	0.872024	-1.14676	0.0570905	1.22685	1.22685
cg09629753	RUNDC2C	0.00869596	0.45969	0.901415	-1.10937	0.0220533	1.46018	1.46018	0.00122774	1.91905	1.91905	0.0752448	1.31403	1.31403	0.113499	0.788645	-1.268
cg27202236	RUNDC2C	0.0246924	0.0375184	0.484258	-2.06501	0.893914	1.0409	1.0409	0.102109	0.58417	-1.71183	0.25679	0.700741	-1.42706	0.00265287	0.28674	-3.48748
cg27332322	RUNDC2C	0.0259012	0.0553754	0.509062	-1.9644	0.706983	0.88922	-1.12458	0.513651	0.813881	-1.22868	0.0400753	0.478249	-2.09096	0.104701	0.576178	-1.73558
cg06739469	RUNDC2C	0.0378447	0.137506	1.27146	1.27146	0.540251	1.09757	1.09757	0.857819	1.02729	1.02729	0.019881	1.52517	1.52517	0.0946859	1.31758	1.31758
cg02115818	RUNDC3A;RUNDC3A;RUNDC3A	0.0016633	0.363643	1.23914	1.23914	0.00877949	2.15227	2.15227	0.0667197	1.60344	1.60344	0.0106749	2.08997	2.08997	0.0834382	1.55284	1.55284
cg13102585	RUNDC3A;RUNDC3A;RUNDC3A	0.00345916	0.4423	1.15906	1.15906	0.67163	0.922802	-1.08366	0.0673199	1.47151	1.47151	0.490044	1.14123	1.14123	0.235957	1.26365	1.26365
cg23965689	RUNDC3A;RUNDC3A;RUNDC3A	0.0102055	0.0232545	5.10864	5.10864	0.00909044	7.33816	7.33816	0.664231	1.30033	1.30033	0.279023	1.96751	1.96751	0.0237261	5.07003	5.07003
cg03061122	RUNDC3A;RUNDC3A;RUNDC3A	0.0122689	0.159193	1.80098	1.80098	0.0120583	3.40132	3.40132	0.191224	1.71792	1.71792	0.946572	1.02655	1.02655	0.0444109	2.46643	2.46643
cg24795046	RUNDC3A;RUNDC3A;RUNDC3A	0.015311	0.796376	1.05628	1.05628	0.224462	0.763224	-1.31023	0.0929291	0.676085	-1.4791	0.178574	0.738873	-1.35341	0.242808	1.29541	1.29541
cg08835164	RUNDC3A;RUNDC3A;RUNDC3A	0.0230614	0.510989	1.05334	1.05334	0.544119	0.953268	-1.04902	0.0135738	1.26882	1.26882	0.035341	1.2105	1.2105	0.0743115	1.16767	1.16767
cg23048455	RUNDC3A;RUNDC3A;RUNDC3A	0.0250519	0.62656	1.0618	1.0618	0.0374052	1.34361	1.34361	0.160191	1.2014	1.2014	0.707431	0.954942	-1.04718	0.364206	1.12078	1.12078
cg22274049	RUNDC3A;RUNDC3A;RUNDC3A	0.0335678	0.993897	1.00114	1.00114	0.177844	0.807577	-1.23827	0.00295362	1.83882	1.83882	0.269198	1.18738	1.18738	0.80043	0.962898	-1.03853
cg23488804	RUNDC3A;RUNDC3A;RUNDC3A	0.0397127	0.143725	1.73577	1.73577	0.0554487	2.14266	2.14266	0.756602	1.11532	1.11532	0.835588	1.07568	1.07568	0.0213999	2.63927	2.63927
cg06293745	RUNDC3B;ABCB1;RUNDC3B;RUNDC3B	0.00451184	0.546568	1.15246	1.15246	0.16957	0.71156	-1.40536	0.795043	0.941253	-1.06241	0.459735	0.83941	-1.19131	0.000185438	0.230332	-4.34156
cg06977014	RUNDC3B;ABCB1;RUNDC3B;RUNDC3B	0.0150115	0.558656	0.717892	-1.39297	0.385327	0.607283	-1.64668	0.060866	0.306036	-3.26759	0.164438	0.435498	-2.29622	0.00574905	0.131532	-7.6027
cg17406148	RUNDC3B;RUNDC3B;ABCB1;RUNDC3B	0.0202538	0.0433368	0.670329	-1.4918	0.357082	1.17707	1.17707	0.429535	1.1489	1.1489	0.264118	0.818445	-1.22183	0.192992	0.788893	-1.2676
cg06730942	RUNDC3B;RUNDC3B;RUNDC3B	0.00654337	0.0441838	0.396415	-2.52261	0.0476053	0.403832	-2.47628	0.004586	0.220816	-4.52865	0.00724279	0.249882	-4.00188	0.000274738	0.092108	-10.8568
cg26360881	RUNX1	0.000622549	0.209766	1.3973	1.3973	0.00242785	0.343566	-2.91065	0.156736	1.46719	1.46719	0.852044	0.953845	-1.04839	0.000559265	0.258079	-3.87478
cg05973398	RUNX1	0.0103633	0.0860616	0.708534	-1.41137	0.342151	1.19458	1.19458	0.0370876	0.644214	-1.55228	0.00927675	0.548976	-1.82157	0.141657	1.33251	1.33251
cg09221269	RUNX1	0.0171533	0.144615	1.46943	1.46943	0.0237013	1.94113	1.94113	0.318121	1.28846	1.28846	0.00140609	0.32113	-3.11401	0.465635	0.833288	-1.20007
cg22698744	RUNX1	0.0200599	0.0976264	2.89752	2.89752	0.00471558	9.00493	9.00493	0.007979	7.31919	7.31919	0.517392	0.681004	-1.46842	0.406528	0.608338	-1.64382
cg15242225	RUNX1	0.0280945	0.0146091	0.184515	-5.4196	0.018437	0.200548	-4.98634	0.0256881	0.225544	-4.43372	0.0829777	0.339988	-2.94128	0.00751203	0.144623	-6.91452
cg07201215	RUNX1	0.033195	0.0424621	0.353454	-2.82923	0.00414515	0.18073	-5.53312	0.00947479	0.23148	-4.32002	0.0200099	0.286669	-3.48835	0.590939	0.785444	-1.27316

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19869610	0.740414	0.926608	-1.07921	0.140523	0.695249	-1.43833	0.00311963	2.52626	2.52626	0.327956	1.26049	1.26049	3.77689	3.14406	0.739952	1
cg19031575	0.430481	1.64027	1.64027	0.360026	0.560619	-1.78374	0.0071633	8.45944	8.45944	0.135214	2.69194	2.69194	4.66333	27.9316	5.3241	1
cg12950624	0.0645688	0.705061	-1.41832	0.00510726	1.86419	1.86419	0.193031	1.26096	1.26096	0.146296	1.30017	1.30017	3.39859	1.52507	0.398877	1
cg13245912	0.0376525	0.370945	-2.69582	0.0467891	2.55025	2.55025	?	?	?	0.108054	2.05675	2.05675	6.74261	16.0564	2.38134	1
cg02984023	0.34796	0.796741	-1.25511	0.137612	0.686614	-1.45642	0.308463	0.780464	-1.28129	0.648995	1.11377	1.11377	5.53669	4.84852	0.778406	1
cg08242020	0.0653889	1.58077	1.58077	0.0350829	1.72215	1.72215	0.102564	0.673349	-1.48511	0.123445	1.44691	1.44691	4.36003	3.3847	0.690046	1
cg14519859	?	?	?	0.00393863	0.128828	-7.7623	0.436468	1.49297	1.49297	0.692899	1.22131	1.22131	4.07157	14.2138	3.05462	1
cg13972394	0.521079	1.09	1.09	0.824172	0.970947	-1.02992	0.00329567	0.588344	-1.69969	0.423133	1.11449	1.11449	5.58648	1.55319	0.247134	1
cg00209424	0.101933	0.532508	-1.87791	0.394607	1.35922	1.35922	0.234262	0.64475	-1.55099	0.0353726	2.36889	2.36889	21.1535	41.5092	1.74425	1
cg14054343	0.276006	1.1986	1.1986	0.237359	0.820457	-1.21883	0.309103	1.18326	1.18326	0.248445	1.21273	1.21273	4.54451	1.83943	0.359786	1
cg09592903	0.265268	0.696877	-1.43497	0.0128784	0.382655	-2.61332	0.626868	1.16462	1.16462	0.0479074	0.494839	-2.02086	6.91985	10.605	1.36227	1
cg22597794	0.617621	0.862375	-1.15959	0.0303877	0.473013	-2.11411	0.155416	1.56395	1.56395	0.420395	0.784924	-1.27401	5.85168	8.02071	1.21837	1
cg20993754	0.260207	1.57162	1.57162	0.00725747	3.79365	3.79365	0.001553	5.76343	5.76343	0.0349617	2.57541	2.57541	4.9788	11.686	2.08636	1
cg15913875	0.349924	1.63603	1.63603	0.024837	3.92176	3.92176	0.0016754	9.96234	9.96234	0.0615668	2.93694	2.93694	3.59962	14.9229	3.68506	1
cg14640066	0.0496007	1.8325	1.8325	0.0423368	1.88187	1.88187	7.87E-07	36.0212	36.0212	0.951949	1.01643	1.01643	25.5281	29.5588	1.02924	1
cg04324126	0.572827	0.864377	-1.1569	0.000490661	0.247419	-4.04173	0.564555	1.16064	1.16064	0.797923	1.06783	1.06783	4.38599	4.54481	0.921076	1
cg27007060	0.0173291	0.324421	-3.08242	0.0635184	0.444687	-2.24877	0.0112942	3.42957	3.42957	0.0709327	0.456723	-2.18951	5.9597	14.2403	2.12394	1
cg25216662	0.0459108	0.673181	-1.48549	0.101983	0.733748	-1.36287	0.853119	0.968453	-1.03258	0.00844987	0.558995	-1.78893	5.49486	2.60344	0.421151	1
cg20636846	0.00127446	0.216303	-4.62315	0.120986	0.57819	-1.72954	0.474361	1.2675	1.2675	0.370689	0.741191	-1.34918	4.1505	6.97804	1.49445	1
cg07476030	0.00719541	0.31069	-3.21864	0.000121096	0.104089	-9.6072	0.0111701	0.342477	-2.91991	0.0116281	0.345496	-2.89439	10.6483	19.1475	1.59838	1
cg24914244	0.217531	0.839662	-1.19096	0.000662476	0.495448	-2.01838	0.664129	0.942846	-1.06062	0.0139573	0.6643	-1.50534	5.23413	1.50426	0.255461	1
cg01239717	0.22696	1.23577	1.23577	0.0194136	1.60263	1.60263	0.33486	1.18054	1.18054	0.0415598	0.675595	-1.48018	10.3905	4.5832	0.392085	1
cg16217313	0.0178991	0.60088	-1.66423	0.657087	1.0823	1.0823	0.677353	1.07688	1.07688	0.27255	1.22402	1.22402	4.65653	2.31064	0.441081	1
cg07543823	0.0247119	1.63053	1.63053	0.0529161	0.66885	-1.4951	0.0259019	1.62177	1.62177	0.00960397	1.82105	1.82105	8.61952	4.56309	0.470569	1
cg13397314	0.438095	1.18651	1.18651	0.547386	1.14071	1.14071	0.000595486	3.14572	3.14572	0.00188742	2.59203	2.59203	5.33127	3.94753	0.658177	1
cg17654470	0.0410603	1.34767	1.34767	0.0584708	1.31074	1.31074	0.0925193	1.26406	1.26406	0.00639859	1.56681	1.56681	4.26582	1.08237	0.225539	1
cg03475420	0.165326	1.69294	1.69294	0.00207591	0.213901	-4.67507	0.81657	0.920662	-1.08617	0.270011	0.664568	-1.50474	4.0837	8.18583	1.78179	1
cg25813630	0.0759596	1.44713	1.44713	2.08E-05	0.20043	-4.98927	0.636214	0.914694	-1.09326	0.00621388	0.512938	-1.94955	18.7089	10.3772	0.493038	1
cg10479452	0.00152068	1.54165	1.54165	1.43E-05	2.35595	2.35595	0.0788416	0.831081	-1.20325	0.65948	0.958831	-1.04294	15.7929	2.24824	0.12654	1
cg01019770	0.612385	1.07309	1.07309	0.0175865	0.671105	-1.49008	0.000255902	2.29634	2.29634	0.0938647	0.775429	-1.28961	14.877	4.49097	0.268332	1
cg05879505	0.506451	1.16667	1.16667	8.36E-05	0.198107	-5.04778	0.605609	0.887705	-1.1265	0.0022753	0.376781	-2.65406	11.7167	9.7045	0.736232	1
cg04584833	0.507497	0.934913	-1.06962	6.67E-05	0.481207	-2.07811	0.136856	1.17398	1.17398	0.00898016	1.39456	1.39456	11.5234	1.82854	0.141049	1
cg01415909	0.450962	1.17784	1.17784	0.304478	0.797213	-1.25437	0.000225609	0.270545	-3.69625	0.219137	0.759261	-1.31707	10.6977	7.69487	0.639379	1
cg26772766	0.0983802	0.771834	-1.29562	0.21639	1.20426	1.20426	0.00028843	2.32843	2.32843	0.465272	0.899266	-1.11202	7.80976	2.52499	0.287388	1
cg21802919	0.0118212	1.63669	1.63669	0.0426418	1.44167	1.44167	0.795234	1.0416	1.0416	0.000267292	2.55409	2.55409	6.5134	2.5341	0.34583	1
cg05550893	0.930626	0.989285	-1.01083	0.0356283	0.738916	-1.35333	0.00929801	0.664813	-1.50418	0.031812	0.732492	-1.3652	6.35726	1.54114	0.215486	1
cg20641798	0.110626	0.707187	-1.41405	0.166633	1.34164	1.34164	0.000198214	3.47636	3.47636	0.229556	1.28564	1.28564	5.86204	3.68746	0.559147	1
cg08454053	0.0271233	4.60389	4.60389	0.000822007	18.9575	18.9575	0.00749372	7.45793	7.45793	0.052987	3.6097	3.6097	5.31898	28.7035	4.79682	1
cg12967327	0.0851679	0.432508	-2.3121	0.0023878	0.155015	-6.451	0.0896536	0.438685	-2.27954	0.235455	0.578361	-1.72902	4.98338	15.3056	2.73008	1
cg08197956	0.0462069	1.97747	1.97747	0.277913	1.40048	1.40048	0.362611	0.756296	-1.32223	0.0288275	0.463256	-2.15863	4.31273	6.08658	1.25449	1
cg23669611	0.0332802	12.0538	12.0538	0.00282408	61.2578	61.2578	0.0139411	20.8783	20.8783	0.0330608	12.1036	12.1036	4.05846	64.3443	14.0928	1
cg04207549	0.0635894	0.436004	-2.29356	0.029663	0.361019	-2.76994	0.0293251	0.359992	-2.77784	0.041431	0.392184	-2.54982	3.6901	9.25772	2.23004	1
cg15641024	0.885454	0.989466	-1.01065	2.84E-05	0.546362	-1.83029	2.51E-06	2.30925	2.30925	0.117957	1.13283	1.13283	35.8141	3.06159	0.0759871	1
cg08924696	0.00674435	0.644691	-1.55113	0.00190715	0.577197	-1.73251	0.150941	1.21212	1.21212	0.443299	0.906931	-1.10262	8.37338	2.07147	0.2199	1
cg17349753	?	?	?	?	?	?	0.0396351	0.392128	-2.55019	0.992085	1.0037	1.0037	11.9569	16.6931	1.3961	1
cg19956836	0.0181342	0.346384	-2.88697	0.0238252	0.369149	-2.70894	0.743616	1.12893	1.12893	0.0120885	0.314704	-3.17759	5.578	12.061	1.922	1
cg12822074	0.0116696	11.6091	11.6091	0.0131432	10.9361	10.9361	0.00664177	15.4921	15.4921	0.0440141	6.05129	6.05129	4.95813	47.5195	8.51925	1
cg01932827	0.370601	0.872763	-1.14579	0.0385267	0.701313	-1.4259	0.150878	0.796228	-1.25592	0.781506	1.04201	1.04201	3.45462	1.19878	0.30845	1
cg14303616	4.51E-05	1.40623	1.40623	1.14E-05	1.50918	1.50918	0.750942	1.01416	1.01416	0.417591	0.964079	-1.03726	36.6698	1.13262	0.0274553	1
cg16759976	0.000882731	0.227623	-4.39324	0.00122302	0.245405	-4.07489	0.329827	0.741834	-1.34801	0.00191469	0.271184	-3.68753	13.3899	18.7014	1.24149	1
cg06615840	0.68824	1.0828	1.0828	0.000321171	0.317226	-3.15232	0.0813531	1.46381	1.46381	0.0904816	0.692192	-1.44469	13.8447	8.52919	0.547612	1
cg20388194	0.885276	0.970774	-1.03011	0.684997	1.0874	1.0874	0.52528	0.876121	-1.14139	0.00256806	0.423592	-2.36076	11.5699	7.73482	0.594246	1
cg03954501	0.116812	1.1754	1.1754	0.000446314	1.69118	1.69118	0.367337	0.915915	-1.0918	0.602888	0.951436	-1.05104	5.4337	0.77417	0.126645	1
cg15907867	0.00956685	0.550485	-1.81658	0.0250805	0.615798	-1.62391	0.114101	0.73146	-1.36713	0.0127688	0.569589	-1.75565	4.30761	2.25824	0.465995	1
cg10761978	0.0973499	1.53368	1.53368	0.719535	1.08846	1.08846	0.109366	1.50738	1.50738	0.29917	0.776508	-1.28782	3.85996	3.37823	0.777955	1
cg10332349	0.710987	1.04043	1.04043	0.0153723	1.37265	1.37265	0.127786	0.839179	-1.19164	0.152641	1.17718	1.17718	15.8367	2.84404	0.159631	1
cg07224221	0.0151623	1.43912	1.43912	0.0088606	0.665972	-1.50156	0.91439	1.01321	1.01321	0.00010023	0.430938	-2.32052	19.0874	4.50104	0.209611	1
cg19835040	0.944105	0.976201	-1.02438	0.151357	0.589705	-1.69576	0.303475	0.69341	-1.44215	0.383229	0.73553	-1.35956	4.69287	8.77098	1.66134	1
cg24218995	0.0158077	0.730236	-1.36942	6.70E-08	0.144493	-6.92074	0.0116368	1.39839	1.39839	0.511261	1.07341	1.07341	43.8131	7.84535	0.159168	1
cg12375025	0.187559	0.852928	-1.17243	7.06E-06	0.322558	-3.10022	0.00695321	0.671832	-1.48847	0.00230218	0.615578	-1.62449	16.0318	3.29406	0.182641	1
cg18824571	0.844537	0.938867	-1.06511	9.12E-06	0.0457523	-21.8568	0.877517	0.951654	-1.0508	0.554946	0.825415	-1.21151	12.4417	20.343	1.45339	1
cg10892794	0.803815	1.06126	1.06126	0.0560037	1.6772	1.6772	0.411098	1.22237	1.22237	0.157675	0.697033	-1.43465	6.86381	6.20406	0.803449	1
cg06282189	0.0182892	0.522192	-1.91501	0.0334088	1.75752	1.75752	0.413623	0.827287	-1.20877	0.634934	0.897172	-1.11461	4.05233	3.30306	0.724536	1
cg27359501	0.0130774	1.35461	1.35461	0.0224141	0.763592	-1.3096	0.542145	1.06273	1.06273	0.565457	0.944322	-1.05896	5.93736	0.914219	0.136869	1
cg06875832	0.000223988	0.433211	-2.30834	5.12E-06	0.243524	-4.10638	0.0952272	0.77902	-1.28366	0.0488163	0.736024	-1.35865	16.7075	4.91023	0.261239	1
cg16606067	0.0024016	0.370373	-2.69998	0.17059	0.709838	-1.40877	0.619911	0.889209	-1.12459	0.705496	1.09326	1.09326	10.0319	8.76351	0.776499	1
cg26307641	0.111064	1.12507	1.12507	0.000176052	0.649315	-1.54009	0.0448433	1.1692	1.1692	0.383437	0.941131	-1.06255	8.25651	0.602644	0.0648801	1
cg02589141	0.317487	1.28562	1.28562	0.00604319	2.3915	2.3915	0.384103	0.804943	-1.24232	0.0051474	0.407241	-2.45555	6.75816	6.32746	0.83224	1
cg24649697	0.23583	0.850796	-1.17537	0.00803373	1.55537	1.55537	0.0198339	1.44171	1.44171	0.684304	1.05461	1.05461	4.98967	1.33688	0.23816	1
cg05497107	0.0356484	0.700311	-1.42794	0.00190737	0.526983	-1.89759	0.761078	0.956544	-1.04543	0.172976	1.23523	1.23523	4.44543	1.49423	0.298779	1
cg21951679	0.288155	1.15251	1.15251	0.0208855	0.699188	-1.43023	0.0189199	1.44178	1.44178	0.0096981	1.52377	1.52377	3.68951	0.968141	0.233248	1
cg21226059	0.00246872	2.44793	2.44793	0.201796	1.33198	1.33198	0.0344553	1.68973	1.68973	0.0444291	1.63388	1.63388	13.1039	9.38765	0.636799	1
cg22563785	0.0575905	1.2926	1.2926	0.000460988	1.93262	1.93262	0.00656795	0.655774	-1.52492	0.374575	1.11509	1.11509	11.719	2.65153	0.201119	1
cg14820908	?	?	?	0.522675	0.883505	-1.13186	0.234502	1.26902	1.26902	0.793248	0.951023	-1.0515	10.9641	5.64149	0.514543	1
cg05457628	0.360357	0.785543	-1.27301	0.983011	0.994549	-1.00548	0.173568	1.45014	1.45014	0.536305	1.17438	1.17438	9.05125	9.44528	0.927586	1
cg19626725	0.158408	1.35488	1.35488	0.0220543	0.575181	-1.73858	0.481103	0.865669	-1.15518	0.632077	0.9074	-1.10205	8.97623	5.76833	0.571221	1
cg00080972	0.26036	1.31356	1.31356	0.484933	0.848	-1.17925	0.110626	1.49761	1.49761	0.243733	1.32758	1.32758	6.10116	5.21526	0.759821	1
cg17811323	0.473863	0.841273	-1.18867	0.202117	1.37654	1.37654	0.254239	0.753903	-1.32643	0.155208	0.697033	-1.43465	5.82636	5.1955	0.792642	1
cg17659707	0.957381	0.979791	-1.02063	0.000431078	0.119135	-8.39386	0.925483	1.03638	1.03638	0.255008	0.635078	-1.57461	4.75572	10.9924	2.05458	1
cg22764044	0.875795	1.0259	1.0259	0.98987	1.00208	1.00208	0.891034	1.02266	1.02266	0.925714	0.984869	-1.01536	3.65028	1.54526	0.37629	1
cg06083252	0.0072699	0.427231	-2.34065	0.376616	1.24964	1.24964	0.841662	0.952059	-1.05035	0.361262	1.25925	1.25925	6.58215	6.28923	0.849331	1
cg07439679	0.00054161	1.77039	1.77039	5.25E-05	0.44816	-2.23135	0.000710325	0.57827	-1.72929	6.76E-05	0.460864	-2.16984	34.4039	6.14596	0.158792	1
cg02249930	0.128701	1.16714	1.16714	0.731108	1.033	1.033	0.100237	0.844077	-1.18473	0.0142562	0.752368	-1.32914	4.83257	0.67813	0.124733	1
cg22714601	0.933629	1.0171	1.0171	0.000634382	0.343531	-2.91095	0.0454217	1.59542	1.59542	0.0910324	0.684579	-1.46075	8.14126	5.34344	0.583415	1
cg09215582	0.0886811	0.554312	-1.80404	0.016579	0.398749	-2.50784	0.712427	0.890191	-1.12336	0.695064	0.883579	-1.13176	4.89837	7.65818	1.3897	1
cg03582286	?	?	?	0.00875357	0.700119	-1.42833	0.580164	0.942098	-1.06146	0.343994	0.901167	-1.10967	4.71706	0.75683	0.160445	1
cg03173722	0.106231	1.41135	1.41135	0.160117	0.745944	-1.34058	0.0201201	0.578366	-1.72901	0.00119398	2.52824	2.52824	9.9037	5.98293	0.536987	1
cg18105065	0.00757568	0.672112	-1.48785	0.0612916	0.783563	-1.27622	0.0259755	0.736601	-1.35759	5.63E-05	2.37657	2.37657	47.9699	10.1654	0.188366	1
cg05509478	0.0172996	0.746371	-1.33982	0.047411	0.795451	-1.25715	0.000292599	0.551235	-1.81411	0.048585	0.796671	-1.25522	17.1729	2.7689	0.143321	1
cg01658502	0.000576063	0.362864	-2.75585	0.00310467	0.463096	-2.15938	0.000584788	0.363717	-2.74939	0.166565	1.324	1.324	10.0433	5.75928	0.509728	1
cg01712671	0.0788307	1.77362	1.77362	0.00101589	4.18283	4.18283	0.160325	1.55329	1.55329	0.316721	1.35513	1.35513	4.45112	6.0768	1.21354	1
cg20316538	0.281453	0.565241	-1.76916	0.0672694	0.351646	-2.84377	0.315301	0.589087	-1.69754	0.396583	0.64247	-1.55649	3.56471	14.6647	3.65675	1
cg01648779	0.0683642	1.45831	1.45831	0.642006	1.09042	1.09042	0.0789307	0.697191	-1.43433	0.704742	0.932035	-1.07292	3.55426	1.92419	0.481223	1
cg18102446	0.23899	0.784095	-1.27536	0.00262282	0.439713	-2.27421	0.00603033	0.492833	-2.02908	0.132263	1.37767	1.37767	5.04283	3.10691	0.54765	1
cg11492403	0.218939	0.788031	-1.26898	0.0538662	0.668125	-1.49673	0.702873	0.931823	-1.07316	0.111485	0.726587	-1.3763	13.2774	7.13843	0.4779	1
cg02980075	0.599681	1.1567	1.1567	0.0149123	2.27714	2.27714	0.436728	1.24368	1.24368	0.496002	0.826961	-1.20925	5.87906	7.03437	1.06357	1
cg06865119	0.000721061	0.671629	-1.48892	6.92E-06	0.462702	-2.16122	0.000807737	1.4785	1.4785	1.95E-07	0.292901	-3.41412	96.5318	9.15067	0.0842617	1
cg10359235	0.00160534	0.476556	-2.09839	0.000148988	0.343881	-2.90798	0.320639	0.845287	-1.18303	0.0024168	0.500589	-1.99765	16.9233	7.19076	0.377691	1
cg02386311	0.0213134	0.436871	-2.28901	0.00545633	0.334923	-2.98576	0.908158	0.966054	-1.03514	0.0020196	0.271624	-3.68157	13.2435	18.7844	1.26079	1
cg10080417	0.0280299	0.450558	-2.21947	0.116734	0.592403	-1.68804	0.356375	0.747199	-1.33833	0.000760611	0.208578	-4.79438	9.02013	13.4823	1.32861	1
cg13671818	0.778208	0.975597	-1.02501	0.239285	1.11385	1.11385	0.00210635	0.684982	-1.45989	0.578491	0.952081	-1.05033	7.21465	0.874719	0.107771	1
cg27434863	0.00101981	0.217393	-4.59997	0.386374	0.757149	-1.32074	0.248198	0.685094	-1.45965	0.00517356	0.314589	-3.17875	6.62234	10.2948	1.38182	1
cg08369576	0.575922	1.13514	1.13514	0.0566695	0.616382	-1.62237	0.121406	0.686145	-1.45742	0.204992	0.740845	-1.34981	6.42894	5.12274	0.708289	1
cg09581137	0.0249734	0.24936	-4.01026	0.0581585	0.327978	-3.04898	0.200836	0.494887	-2.02066	0.00642795	0.157946	-6.33127	5.96701	25.6178	3.81621	1
cg05504279	0.16818	2.04408	2.04408	0.0007872	0.0845417	-11.8285	0.0899211	0.402537	-2.48425	0.213954	0.528874	-1.89081	5.87977	22.0691	3.33635	1
cg01433913	0.686853	1.06535	1.06535	0.697926	1.06282	1.06282	0.328544	1.17062	1.17062	0.2636	0.833564	-1.19967	5.28755	2.04348	0.343529	1
cg03412557	0.640168	0.876945	-1.14032	0.114995	0.620022	-1.61284	0.52635	0.836059	-1.19609	0.0117032	0.415395	-2.40735	4.77859	5.88719	1.0951	1
cg01974761	0.531088	0.888232	-1.12583	0.000947167	0.398241	-2.51104	0.607574	1.1016	1.1016	0.45888	0.868586	-1.1513	3.88804	2.14884	0.49127	1
cg01282959	0.432949	0.872663	-1.14592	0.171056	0.780298	-1.28156	0.420904	0.869398	-1.15022	0.000211423	0.348489	-2.86953	18.0292	8.27262	0.407863	1
cg07558153	0.98942	0.9965	-1.00351	0.000154537	0.180101	-5.55245	0.127526	1.54611	1.54611	0.103054	0.624019	-1.60252	8.43325	9.33945	0.984405	1
cg27539858	0.879363	1.01453	1.01453	0.000646012	1.6439	1.6439	0.373324	0.916864	-1.09067	0.30406	0.90385	-1.10638	6.92313	0.988984	0.12698	1
cg09629753	0.122713	0.79407	-1.25933	0.0243232	1.44783	1.44783	0.373108	0.88156	-1.13435	0.102	1.27988	1.27988	6.17931	1.86033	0.267607	1
cg27202236	0.0667931	0.539313	-1.85421	0.0498975	0.510727	-1.95799	0.209235	1.48835	1.48835	0.0244125	0.446748	-2.2384	4.37602	6.25651	1.27087	1
cg27332322	0.241234	0.682896	-1.46435	0.000742092	0.203421	-4.91591	0.456586	1.26583	1.26583	0.233194	0.67798	-1.47497	4.30379	6.58888	1.36084	1
cg06739469	0.0938174	0.758304	-1.31873	0.00507064	1.74427	1.74427	0.347657	0.864852	-1.15627	0.599636	1.08278	1.08278	3.75876	1.34222	0.317413	1
cg02115818	0.127604	1.4599	1.4599	0.000620489	3.35216	3.35216	7.40E-05	5.22823	5.22823	0.00822019	2.17383	2.17383	10.1718	8.49773	0.742598	1
cg13102585	0.346797	0.833153	-1.20026	9.04E-05	0.267394	-3.7398	0.634189	0.913638	-1.09452	0.043626	1.54817	1.54817	8.20256	4.61188	0.499777	1
cg23965689	0.0328027	4.48843	4.48843	0.0015364	15.4974	15.4974	0.00267992	12.1293	12.1293	0.0709242	3.36438	3.36438	5.87227	33.627	5.09014	1
cg03061122	0.00844208	3.7254	3.7254	0.000796805	7.24756	7.24756	0.0151987	3.2091	3.2091	0.296639	1.52675	1.52675	5.53353	13.4008	2.15266	1
cg24795046	0.189066	1.34262	1.34262	0.000639017	3.03487	3.03487	0.827332	1.04734	1.04734	0.255448	0.777711	-1.28583	5.14563	3.65422	0.631254	1
cg08835164	0.674897	1.03343	1.03343	0.714997	0.971817	-1.029	0.00185906	1.41092	1.41092	0.0391444	1.20452	1.20452	4.48074	0.431217	0.0855448	1
cg23048455	0.661417	0.947535	-1.05537	0.00949647	0.669101	-1.49454	0.311103	0.87972	-1.13673	0.00677229	0.651045	-1.53599	4.35409	1.03118	0.210515	1
cg22274049	0.541585	0.911895	-1.09662	0.356831	0.8681	-1.15194	0.118376	1.28795	1.28795	0.0194571	1.52443	1.52443	3.92589	1.38518	0.313629	1
cg23488804	0.326505	1.42704	1.42704	0.00229907	4.46242	4.46242	0.0259342	2.52971	2.52971	0.248396	1.5274	1.5274	3.69293	7.20736	1.73481	1
cg06293745	0.270852	1.30554	1.30554	0.00237371	0.373241	-2.67923	0.789352	1.06425	1.06425	0.0497845	0.594268	-1.68274	7.57168	6.48606	0.761441	1
cg06977014	0.301057	1.823	1.823	0.00172573	0.0816262	-12.251	0.913337	0.940817	-1.06291	0.00984371	0.160693	-6.22303	5.17938	25.7607	4.42106	1
cg17406148	0.00251008	0.485562	-2.05947	0.934113	1.01433	1.01433	0.0385628	1.51054	1.51054	0.131717	1.32321	1.32321	4.68444	2.19795	0.417069	1
cg06730942	0.240268	0.611339	-1.63575	0.838258	0.921453	-1.08524	0.728133	0.869644	-1.1499	0.284272	0.640693	-1.56081	6.75541	17.139	2.25518	1
cg26360881	0.198065	1.41099	1.41099	0.0214113	0.496775	-2.01298	0.786029	0.93345	-1.07129	5.41E-05	0.148842	-6.71854	13.4448	13.6393	0.901754	1
cg05973398	0.0147226	1.72523	1.72523	0.192682	0.778446	-1.28461	0.0173359	1.69288	1.69288	0.239723	0.799608	-1.25061	5.84345	3.05396	0.464559	1
cg09221269	0.818765	0.945186	-1.05799	0.0479237	1.74273	1.74273	0.977878	0.993212	-1.00683	0.859848	1.04437	1.04437	4.95458	4.73411	0.849335	1
cg22698744	0.126638	0.380159	-2.63048	0.213403	0.46443	-2.15318	0.113275	2.74228	2.74228	0.288727	1.90533	1.90533	4.69978	25.503	4.82348	1
cg15242225	0.787097	0.858866	-1.16433	0.143127	0.41297	-2.42148	0.935746	1.04636	1.04636	0.0159192	0.190296	-5.25498	4.18282	20.9241	4.44658	1
cg07201215	0.596717	1.26831	1.26831	0.815748	0.90132	-1.10948	0.578913	0.77917	-1.28342	0.745819	0.865219	-1.15578	3.9417	12.3681	2.78911	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg24336374	RUNX1;RUNX1	0.00614659	0.145911	1.53676	1.53676	0.00550735	2.72994	2.72994	0.0391705	1.92877
cg01519261	RUNX1;RUNX1	0.00704911	0.0067852	0.616149	-1.62298	0.0202492	1.47171	1.47171	0.0942524	0.775747
cg12459280	RUNX1;RUNX1	0.0111419	0.417707	1.18167	1.18167	0.370706	1.20355	1.20355	0.00659753	2.03594
cg27211894	RUNX1;RUNX1	0.0148287	0.106038	2.55115	2.55115	0.0037499	7.97261	7.97261	0.0941498	2.65476
cg06862831	RUNX1;RUNX1	0.0197136	0.206114	1.73441	1.73441	0.00189058	6.16126	6.16126	0.0366842	2.72452
cg13030790	RUNX1;RUNX1	0.0234584	0.0116775	0.404783	-2.47046	0.595077	1.16643	1.16643	0.137225	0.631658
cg12477880	RUNX1;RUNX1;RUNX1	1.89E-05	2.32E-07	4.02666	4.02666	0.00634359	0.72687	-1.37576	0.134806	1.15573
cg02635869	RUNX1;RUNX1;RUNX1	0.0116487	0.00201885	0.622958	-1.60524	0.00974227	0.701003	-1.42653	0.370279	0.904859
cg01265860	RUNX1;RUNX1;RUNX1	0.0194295	0.223503	0.57427	-1.74134	0.00584224	0.20906	-4.78332	0.00571151	0.207678
cg00994804	RUNX1;RUNX1;RUNX1	0.0234841	0.00927706	4.33496	4.33496	0.359556	0.658015	-1.51972	0.00208846	6.84868
cg11564339	RUNX1;RUNX1;RUNX1	0.0402763	0.00476814	0.528562	-1.89193	0.886285	1.02465	1.02465	0.946436	1.0115
cg01725383	RUNX1;RUNX1;RUNX1;RUNX1;RUNX1	0.000949641	0.0172804	0.515012	-1.9417	7.72E-05	0.194337	-5.14571	0.0268596	0.548845
cg06758350	RUNX1;RUNX1;RUNX1;RUNX1;RUNX1	0.0116725	0.00131923	2.13966	2.13966	0.0779557	0.727001	-1.37551	0.779427	0.955326
cg12040370	RUNX1T1	0.0352936	0.0831119	0.603773	-1.65625	0.283167	0.745837	-1.34078	0.994604	1.00178
cg00045118	RUNX1T1;RUNX1T1;RUNX1T1	0.0309014	0.0136605	0.249824	-4.00282	0.736679	0.857733	-1.16586	0.206874	1.83185
cg22334059	RUNX1T1;RUNX1T1;RUNX1T1	0.0343357	0.333478	0.724485	-1.38029	0.677514	0.873618	-1.14466	0.117771	1.73117
cg18457433	RUNX1T1;RUNX1T1;RUNX1T1	0.0437423	0.38067	0.779989	-1.28207	0.0101383	2.4502	2.4502	0.017784	2.2173
cg12030310	RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1	0.00733418	0.925625	1.01287	1.01287	0.0409453	0.723943	-1.38132	0.0502688	0.736683
cg04563046	RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1	0.0174787	0.742348							
cg04350120	RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1	0.0267724	0.0454857							
cg18337525	RUNX2;RUNX2	2.94E-06	0.0242546							
cg25494480	RUNX2;RUNX2	4.75E-06	0.0013486							
cg21006760	RUNX2;RUNX2	0.000155522	0.0971494							
cg22456162	RUNX2;RUNX2	0.000203642	0.00795781							
cg18323984	RUNX2;RUNX2	0.000337909	0.000425859							
cg23596808	RUNX2;RUNX2	0.00129236	0.441737							
cg23969311	RUNX2;RUNX2	0.00144411	0.155032							
cg22768222	RUNX2;RUNX2	0.00359791	0.0156436							
cg26154888	RUNX2;RUNX2	0.00619206	0.493625							
cg26358286	RUNX2;RUNX2	0.0115013	0.276309							
cg03474350	RUNX2;RUNX2	0.0395521	0.432995							
cg08476055	RUNX2;RUNX2;RUNX2	0.00011813	0.000257061							
cg17064250	RUNX2;RUNX2;RUNX2	0.000273093	0.78205							
cg14458002	RUNX2;RUNX2;RUNX2	0.00124923	0.642143							
cg07902192	RUNX2;RUNX2;RUNX2	0.0016976	0.126561							
cg22008886	RUNX2;RUNX2;RUNX2	0.0018097	0.0326999							
cg22328837	RUNX2;RUNX2;RUNX2	0.00226859	0.00264428							
cg23261343	RUNX2;RUNX2;RUNX2	0.00345169	0.000861739							
cg24474484	RUNX2;RUNX2;RUNX2	0.00358074	0.0355976							
cg13727613	RUNX2;RUNX2;RUNX2	0.0102753	0.451493							
cg17636752	RUNX2;RUNX2;RUNX2	0.0191189	0.00655536							
cg03758918	RUNX2;RUNX2;RUNX2	0.0273216	0.506283							
cg08842021	RUNX2;RUNX2;RUNX2	0.0283892	0.862633							
cg05217983	RUNX2;RUNX2;RUNX2	0.0303484	0.0739379							
cg11630605	RUNX2;RUNX2;RUNX2	0.0332615	0.0379548							
cg09541256	RUNX2;RUNX2;RUNX2	0.0350043	0.571851							
cg01133215	RUNX2;RUNX2;RUNX2	0.0480531	0.284344							
cg13991849	RUNX2;RUNX2;RUNX2;RUNX2	0.00100409	0.0289402							
cg03465891	RUNX2;RUNX2;RUNX2;RUNX2	0.0467081	0.127558							
cg09634481	RUNX2;RUNX2;SUPT3H;SUPT3H	0.000609184	0.0259365							
cg10762613	RUNX2;RUNX2;SUPT3H;SUPT3H	0.00180442	0.127529							
cg17115147	RUNX2;RUNX2;SUPT3H;SUPT3H;SUPT3H	0.0136325	0.437426							
cg05996042	RUNX2;SUPT3H;SUPT3H;RUNX2	0.00722851	0.0489482							
cg19774846	RUNX3	0.00131056	0.002319							
cg14425908	RUNX3	0.00146977	0.537616							
cg09993145	RUNX3	0.0015418	0.381292							
cg07236781	RUNX3	0.00161814	0.00741113							
cg22153728	RUNX3	0.00192917	0.559798							
cg16581179	RUNX3	0.0079285	0.0568774							
cg20670361	RUNX3	0.00898419	0.0995173							
cg04554131	RUNX3	0.00914412	0.0084019							
cg14182690	RUNX3	0.00995293	0.0746491							
cg16574073	RUNX3	0.0170309	0.270642							
cg06156260	RUNX3	0.024958	0.312306							
cg11585280	RUNX3	0.0271705	0.141393							
cg23916689	RUNX3	0.0420907	0.079679							
cg00117172	RUNX3;RUNX3	0.000358482	0.841522							
cg13629563	RUNX3;RUNX3	0.0012308	0.458309							
cg02970551	RUNX3;RUNX3	0.00145114	0.314481							
cg05656688	RUNX3;RUNX3	0.00173279	0.0615019							
cg19590532	RUNX3;RUNX3	0.00211023	0.806824							
cg20801718	RUNX3;RUNX3	0.00255601	0.362542							
cg26421310	RUNX3;RUNX3	0.00260238	0.8993							
cg06640822	RUNX3;RUNX3	0.00260659	0.0200256							
cg22737001	RUNX3;RUNX3	0.00331962	0.0538864							
cg03961551	RUNX3;RUNX3	0.00334289	0.00152687							
cg10993442	RUNX3;RUNX3	0.00365409	0.00360727							
cg25470148	RUNX3;RUNX3	0.00393567	0.351158							
cg26672794	RUNX3;RUNX3	0.00548027	0.00102335							
cg11336061	RUNX3;RUNX3	0.00566836	0.0564718							
cg20288927	RUNX3;RUNX3	0.00584309	0.000941456							
cg25178645	RUNX3;RUNX3	0.00652337	0.0309479							
cg03769939	RUNX3;RUNX3	0.00672384	0.000850013							
cg15963463	RUNX3;RUNX3	0.00809484	0.0721924							
cg08876437	RUNX3;RUNX3	0.010988	0.57393							
cg24019564	RUNX3;RUNX3	0.0117756	0.000919048							
cg15711976	RUNX3;RUNX3	0.0206429	0.150684							
cg13305657	RUNX3;RUNX3	0.0209521	0.0168636							
cg15498134	RUNX3;RUNX3	0.0221515	0.108163							
cg11018723	RUNX3;RUNX3	0.0230518	0.901822							
cg20695936	RUNX3;RUNX3	0.0250098	0.342718							
cg26256263	RUNX3;RUNX3	0.0276723	0.130354							
cg15712177	RUNX3;RUNX3	0.028148	0.00879662							
cg00164462	RUNX3;RUNX3	0.0282659	0.711092							
cg21217270	RUNX3;RUNX3	0.032109	0.420461							
cg27360282	RUNX3;RUNX3	0.033173	0.0716736							
cg18813928	RUNX3;RUNX3	0.0475501	0.694069							
cg06377278	RUNX3;RUNX3;RUNX3	0.0184701	0.25553							
cg19270505	RUNX3;RUNX3;RUNX3	0.0244383	0.38056							
cg15113766	RUSC1;C1orf104;FDPS;FDPS;RUSC1;FDPS	0.0418023	0.0704879							
cg08574629	RUSC1;C1orf104;RUSC1	0.0107273	0.0239967							
cg08170787	RUSC1;C1orf104;RUSC1	0.0245201	0.0924884							
cg10057065	RUSC1;C1orf104;RUSC1;RUSC1	0.000915754	0.216918							
cg09133422	RUSC1;C1orf104;RUSC1;RUSC1	0.0354791	0.557914							
cg24547565	RUSC1;FDPS;FDPS;RUSC1;FDPS	0.00408995	0.030829							
cg22234962	RUSC1;RUSC1;C1orf104	0.00988675	0.0515415							
cg26876647	RUSC1;RUSC1;C1orf104	0.0182533	0.0195534							
cg24544490	RUSC1;RUSC1;C1orf104	0.0249895	0.0317861							
cg22877509	RUSC1;RUSC1;C1orf104	0.0292353	0.0551197							
cg07162320	RUSC1;RUSC1;RUSC1;C1orf104;RUSC1	0.000819491	0.00119128							
cg09765586	RUSC1;RUSC1;RUSC1;RUSC1;C1orf104;RUSC1	0.00625983	0.0390473							
cg07556773	RUSC1;RUSC1;RUSC1;RUSC1;C1orf104;RUSC1	0.0246287	0.686851							
cg13798558	RUSC2;RUSC2	0.000225704	0.0353398							
cg13698611	RUSC2;RUSC2	0.00315084	0.0339609							
cg01199928	RUVBL1	0.000173567	0.00096867							
cg19711839	RUVBL1	0.00124907	0.031396							
cg12476242	RUVBL1	0.0117771	0.463932							
cg26861995	RUVBL1	0.0259758	0.0197505							
cg06369349	RUVBL2	0.000838547	0.0171812							
cg06560588	RUVBL2	0.0470592	0.241069							
cg03536881	RUVBL2;GYS1;GYS1;GYS1	0.0420296	0.370358							
cg06981386	RWDD1;RWDD1;RWDD1	0.00165366	0.000975075							
cg01114156	RWDD1;RWDD1;RWDD1	0.00580456	0.0053952							
cg05349922	RWDD1;RWDD1;RWDD1	0.00684143	0.0611759							
cg09015028	RWDD1;RWDD1;RWDD1	0.0157066	0.760648							
cg14003054	RWDD1;RWDD1;RWDD1	0.0208169	0.326365							
cg15305172	RWDD1;RWDD1;RWDD1;RWDD1;RWDD1	0.00177336	0.605795							
cg19570102	RWDD2A	0.00432105	0.0467372							
cg17774797	RWDD2A;PGM3	0.00114569	0.506911							
cg03947199	RWDD2A;PGM3	0.0335512	0.195976							
cg00766421	RWDD2A;PGM3;PGM3	0.00827241	0.216204							
cg05406101	RWDD2B	0.000142359	0.0341796							
cg03493260	RWDD2B	0.00102737	0.256185							

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09928474	RWDD2B	0.00256686	0.035408	0.475224	-2.10427	0.123367	1.66019	1.66019	0.116981	0.596172	-1.67737	0.5362	0.826753	-1.20955	0.00467218	0.319079	-3.13402	0.302584	1.38314	1.38314	0.00159782	0.252732	-3.95677	0.138465	1.62325	1.62325	0.000547199	0.195744	-5.10871	8.96211	13.0938	1.29868	1
cg00002080	RWDD2B	0.00268242	0.232014	0.729154	-1.37145	0.701415	1.10195	1.10195	0.00538035	0.397131	-2.51806	0.719191	0.913034	-1.09525	0.00027593	0.223012	-4.48406	0.220779	1.38318	1.38318	0.0210237	0.496834	-2.01274	0.577175	0.867683	-1.1525	0.000907327	0.286363	-3.49208	8.84644	8.8971	0.893979	1
cg06824297	RWDD2B	0.00334965	0.000248442	0.0142606	-70.1233	0.679669	0.74692	-1.33883	0.822852	0.854205	-1.17068	0.417727	0.558788	-1.78959	0.00165262	23.6849	23.6849	0.051157	0.209977	-4.76243	0.865456	0.887651	-1.12657	0.0945966	0.274929	-3.6373	0.671969	0.741316	-1.34895	8.2818	64.781	6.95297	1
cg10822339	RWDD2B	0.00367429	0.037946	1.40578	1.40578	0.58696	0.925302	-1.08073	0.000102153	2.6479	2.6479	0.298219	1.16488	1.16488	0.0249565	0.685497	-1.4588	0.296579	1.16553	1.16553	0.608281	1.07591	1.07591	0.654744	1.06578	1.06578	0.244002	0.841541	-1.1883	8.05564	2.55578	0.282014	1
cg15364710	RWDD2B	0.0319161	0.786586	0.937434	-1.06674	0.00247552	0.367269	-2.7228	0.00919183	0.455029	-2.19766	0.122325	0.671227	-1.48981	0.244263	0.748249	-1.33645	0.505576	1.17448	1.17448	0.220407	1.35898	1.35898	0.476878	0.841815	-1.18791	0.678657	0.905574	-1.10427	3.99763	3.58861	0.797941	1
cg20220242	RWDD2B	0.0438259	0.00609174	0.13487	-7.41457	0.233793	2.01055	2.01055	0.611901	0.751058	-1.33145	0.21854	2.06287	2.06287	0.566876	0.723344	-1.38247	0.150044	0.421747	-2.37109	0.197923	0.467015	-2.14126	0.0291951	0.237447	-4.21147	0.0503325	0.287011	-3.48419	3.56053	17.6532	4.40713	1
cg03053290	RWDD3;RWDD3	0.00666647	0.0378272	0.448825	-2.22804	0.849644	1.06516	1.06516	0.0885623	0.535282	-1.86817	0.143617	0.592911	-1.68659	0.000591343	0.171187	-5.84157	0.164383	0.610486	-1.63804	0.0037406	0.271925	-3.67748	0.00258862	0.249364	-4.01021	0.0499339	0.475329	-2.10381	6.71642	11.7702	1.55773	1
cg26879578	RWDD3;RWDD3	0.0072912	0.0812438	0.670082	-1.49235	0.0860109	0.675058	-1.48135	0.00298943	2.32459	2.32459	0.0351062	0.601414	-1.66275	0.0535158	0.634947	-1.57494	0.98094	0.995064	-1.00496	0.00225451	0.412516	-2.42415	0.62007	0.901663	-1.10906	0.106922	0.694502	-1.43988	6.53147	4.43815	0.604002	1
cg01206378	RWDD3;RWDD3	0.0102436	0.821104	1.10313	1.10313	0.00130336	7.60684	7.60684	0.112267	2.11555	2.11555	0.0484404	2.65676	2.65676	0.232593	0.581314	-1.72024	0.205891	1.78294	1.78294	0.0358061	0.346981	-2.882	0.033271	0.340173	-2.93968	0.658733	1.21242	1.21242	5.86525	17.4451	2.64383	1
cg24808901	RWDD3;RWDD3	0.0184962	0.561143	0.812408	-1.23091	0.00704573	3.42635	3.42635	0.676801	0.862253	-1.15975	0.165229	1.68764	1.68764	0.531372	0.799189	-1.25127	0.0348691	2.38546	2.38546	0.713345	1.13934	1.13934	0.0035649	0.247593	-4.03888	0.774076	1.10711	1.10711	4.83069	9.56331	1.75973	1
cg26537280	RWDD3;RWDD3	0.0194289	0.12318	1.96857	1.96857	0.00225795	5.65951	5.65951	0.362128	1.46214	1.46214	0.0215128	3.06458	3.06458	0.558788	1.27098	1.27098	0.00389511	4.83701	4.83701	0.544228	1.28266	1.28266	0.27579	0.631411	-1.58375	0.182421	1.77519	1.77519	4.75104	12.3769	2.31564	1
cg20701556	RWDD3;RWDD3	0.023572	0.56406	1.27735	1.27735	0.00164302	6.63377	6.63377	0.389004	1.44856	1.44856	0.0772313	2.28105	2.28105	0.361769	0.674686	-1.48217	0.0324155	2.86134	2.86134	0.753416	1.14143	1.14143	0.0574431	0.405749	-2.46458	0.417839	1.41557	1.41557	4.44699	12.41	2.48057	1
cg23674796	RWDD3;RWDD3	0.0238896	0.0235794	0.413737	-2.41699	0.0787539	1.89134	1.89134	0.261513	1.46553	1.46553	0.864816	1.0572	1.0572	0.550504	0.821052	-1.21795	0.185786	1.58084	1.58084	0.00384836	0.28043	-3.56596	0.185781	0.63257	-1.58085	0.0876771	0.540457	-1.85029	4.42646	7.46992	1.50005	1
cg03123541	RWDD3;RWDD3	0.0382545	0.854349	1.08511	1.08511	0.00284896	6.20533	6.20533	0.213722	1.78953	1.78953	0.0827981	2.34872	2.34872	0.927499	1.04128	1.04128	0.0284922	3.15512	3.15512	0.707978	1.18206	1.18206	0.0818499	0.424402	-2.35626	0.495038	1.36066	1.36066	3.74398	11.7156	2.78149	1
cg10022873	RWDD3;RWDD3	0.0405489	0.132731	0.753976	-1.3263	0.908561	1.0202	1.0202	0.0213681	1.61841	1.61841	0.485663	0.88397	-1.13126	0.466374	1.13773	1.13773	0.891523	1.02404	1.02404	0.00352154	0.502156	-1.99141	0.34522	1.1844	1.1844	0.868872	1.02918	1.02918	3.66468	1.75891	0.426633	1
cg25877054	RWDD3;RWDD3	0.0450962	0.0307206	0.721275	-1.38643	0.0956552	0.790068	-1.26571	0.0385277	0.734488	-1.36149	0.0238124	0.706619	-1.41519	0.885869	0.981681	-1.01866	0.347221	0.882845	-1.1327	0.280101	1.15551	1.15551	0.722315	0.955103	-1.04701	0.0525364	1.32815	1.32815	3.52271	0.924673	0.233324	1
cg06452583	RWDD4A;C4orf41;C4orf41	0.00671129	0.00150703	0.361136	-2.76904	0.0419168	1.68582	1.68582	0.78767	1.06198	1.06198	0.0441753	0.597504	-1.67363	0.541965	0.871524	-1.14742	0.00563317	0.445133	-2.24652	0.00420936	0.425806	-2.34849	0.279256	0.778351	-1.28477	0.192288	0.735343	-1.35991	6.70244	5.26706	0.698526	1
cg03427849	RWDD4A;C4orf41;C4orf41	0.0281767	0.0219275	0.115371	-8.66766	0.151765	0.299315	-3.34097	0.26767	0.403732	-2.47689	0.217298	0.360736	-2.77211	0.0128242	0.0882252	-11.3346	0.133111	0.280048	-3.57082	0.00322262	0.0425438	-23.5052	0.0153002	0.096435	-10.3697	0.0373114	0.149794	-6.67585	4.17851	40.8335	8.68645	1
cg13745653	RXFP1	5.97E-06	0.28299	1.13406	1.13406	0.00635361	0.669909	-1.49274	0.000322116	0.518816	-1.92746	0.246987	0.872394	-1.14627	0.516509	0.928506	-1.077	5.35E-06	0.312711	-3.19784	1.34E-07	0.152964	-6.53747	0.0137361	0.709231	-1.40998	0.00125044	0.587675	-1.70162	46.3726	9.34025	0.179038	1
cg06665095	RXFP1	0.0044824	0.931939	0.98251	-1.0178	0.357578	0.822476	-1.21584	0.00440211	0.455961	-2.19317	0.0153136	0.540674	-1.84954	0.263279	0.78592	-1.27239	0.00348563	0.440936	-2.2679	0.455698	1.16992	1.16992	0.891906	0.972305	-1.02848	0.000312553	0.298975	-3.34476	7.58674	5.12695	0.600692	1
cg24119613	RXFP2;RXFP2	0.00798815	0.716897	1.06399	1.06399	0.148555	0.768031	-1.30203	0.0260717	0.63778	-1.56794	0.759812	0.94911	-1.05362	0.0450232	1.47961	1.47961	0.00946824	0.571197	-1.75071	0.000582737	0.404215	-2.47393	0.11146	0.744313	-1.34352	0.581269	0.90948	-1.09953	6.34711	2.91636	0.408426	1
cg09573371	RXFP2;RXFP2	0.0101697	0.033024	0.228262	-4.38093	0.00546117	0.114674	-8.72041	0.141892	0.392264	-2.54931	0.221599	0.467046	-2.14112	0.00255423	0.083754	-11.9397	0.0727872	0.305416	-3.27422	0.00160599	0.068474	-14.6041	0.0207293	0.192011	-5.20805	0.0390266	0.242762	-4.11926	5.87888	32.6961	4.94367	1
cg18669687	RXFP2;RXFP2	0.0280321	0.123298	1.54101	1.54101	0.00222846	0.329702	-3.03304	0.0253774	0.502383	-1.99051	0.663857	0.892908	-1.11994	0.236516	1.37891	1.37891	0.758498	1.08316	1.08316	0.296927	1.3233	1.3233	0.218566	0.715181	-1.39825	0.551401	0.855468	-1.16895	4.18609	4.44871	0.944654	1
cg26093611	RXFP2;RXFP2	0.0391479	0.0494209	0.436387	-2.29155	0.041191	0.418508	-2.38944	0.0210875	0.358499	-2.78941	0.790496	1.10348	1.10348	0.00968047	0.298037	-3.35529	0.0159353	0.335703	-2.97882	0.08595	0.49572	-2.01727	0.161212	0.575018	-1.73908	0.0662753	0.466833	-2.14209	3.71242	8.04102	1.92532	1
cg02305687	RXFP3	0.000257745	0.184253	1.44433	1.44433	0.0132493	0.448739	-2.22846	0.0180025	0.472275	-2.11741	0.54165	1.175	1.175	0.000286581	0.213184	-4.69078	0.143709	1.50693	1.50693	0.000183727	0.192021	-5.20778	0.000313617	4.59502	4.59502	0.199457	1.42457	1.42457	17.1468	18.5035	0.959222	1
cg15408073	RXFP3	0.00204359	0.354081	1.09457	1.09457	0.349937	1.09547	1.09547	0.26535	0.895827	-1.11629	0.0881557	1.19522	1.19522	0.233918	0.888461	-1.12554	0.0565254	1.22704	1.22704	7.75E-05	0.507547	-1.97026	0.0162878	1.32102	1.32102	0.711024	1.0359	1.0359	9.58149	1.36298	0.126446	1
cg07832473	RXFP3	0.00677682	0.0709324	1.33797	1.33797	0.1419	0.796218	-1.25594	0.54835	0.916084	-1.0916	0.716127	1.05411	1.05411	0.885513	1.02101	1.02101	0.000397484	0.443272	-2.25595	0.006278	0.598223	-1.67162	0.740196	0.953114	-1.04919	0.146873	1.25191	1.25191	6.68222	2.20383	0.29316	1
cg10350492	RXFP3	0.00918648	0.0164053	3.60969	3.60969	0.0326746	0.334911	-2.98587	0.364306	0.664991	-1.50378	0.0620815	2.50756	2.50756	0.146679	1.97731	1.97731	0.0251411	0.311739	-3.20781	0.967181	1.01817	1.01817	0.00241427	6.35474	6.35474	0.931878	1.03813	1.03813	6.0727	18.4209	2.69635	1
cg07917609	RXFP3	0.0239375	0.353622	1.5128	1.5128	0.765121	0.878131	-1.13878	0.75576	0.873419	-1.14493	0.537095	1.31138	1.31138	0.0346869	0.34369	-2.9096	0.0243275	0.312179	-3.20329	0.0504256	0.380156	-2.6305	0.00535436	4.90858	4.90858	0.419216	1.43047	1.43047	4.42339	13.1803	2.64861	1
cg10795738	RXFP3	0.0290106	0.246308	1.20484	1.20484	0.0226317	1.5212	1.5212	0.516385	0.903818	-1.10642	0.189524	1.23812	1.23812	0.890051	1.02149	1.02149	0.111874	1.30486	1.30486	0.0067957	0.583293	-1.7144	0.0522065	0.712198	-1.4041	0.893062	0.97954	-1.02089	4.1357	1.54728	0.332558	1
cg00981837	RXFP3	0.0331569	0.808005	0.948919	-1.05383	0.543272	0.875891	-1.14169	0.296371	0.792004	-1.26262	0.0264423	1.7626	1.7626	0.29779	1.26169	1.26169	0.578997	1.1283	1.1283	0.00179737	0.384253	-2.60245	0.591906	1.12361	1.12361	0.791865	1.05861	1.05861	3.94333	2.89681	0.652988	1
cg18294646	RXFP3	0.0377702	0.538137	1.46225	1.46225	0.911407	1.0702	1.0702	0.698983	1.26728	1.26728	0.424409	0.608173	-1.64427	0.791906	0.851132	-1.17491	0.00545794	0.107741	-9.28155	0.0232862	0.191498	-5.222	0.0289724	4.80386	4.80386	0.483253	1.54394	1.54394	3.76147	22.1372	5.23134	1
cg05574272	RXFP3	0.0422122	0.566367	1.41019	1.41019	0.022968	0.199274	-5.01821	0.357114	1.75354	1.75354	0.550607	1.43061	1.43061	0.188105	0.437319	-2.28666	0.0460643	0.257789	-3.87914	0.136644	0.386393	-2.58804	0.0161928	5.72174	5.72174	0.541893	1.44218	1.44218	3.61057	20.1095	4.95077	1
cg02640041	RXFP3;RXFP3	0.000413093	0.0925199	0.857633	-1.166	0.980347	1.00205	1.00205	0.000477174	1.57602	1.57602	3.86E-05	1.92392	1.92392	0.139628	0.876458	-1.14096	0.0231584	1.2526	1.2526	0.863292	0.985805	-1.0144	0.364195	0.925562	-1.08042	0.00112447	1.48854	1.48854	15.0658	1.64205	0.096882	1
cg03909500	RXFP3;RXFP3	0.022342	0.180331	1.15311	1.15311	0.86058	1.01776	1.01776	0.42608	1.08479	1.08479	0.105458	1.19377	1.19377	0.151777	0.857471	-1.16622	0.9825	1.0022	1.0022	0.00398356	0.678664	-1.47348	0.188246	1.14983	1.14983	0.0115951	1.37166	1.37166	4.52989	0.719384	0.141163	1
cg27187375	RXFP4	0.00792127	0.00983022	0.105321	-9.49482	0.00187948	0.0478238	-20.9101	0.0482806	0.210869	-4.74227	0.718364	0.778966	-1.28375	0.00669541	0.0883995	-11.3123	0.0231236	0.153639	-6.50878	0.00779742	0.0948077	-10.5477	0.0066833	0.0883256	-11.3217	0.0229993	0.15328	-6.524	6.36392	47.945	6.69679	1
cg08403419	RXFP4	0.04289	0.033793	0.49453	-2.02212	0.0210307	2.2002	2.2002	0.784264	0.924999	-1.08108	0.913248	0.969514	-1.03144	0.14651	0.642259	-1.557	0.266864	0.719903	-1.38908	0.194208	1.47728	1.47728	0.0457216	0.521653	-1.91698	0.0636275	0.552983	-1.80837	3.58927	4.5881	1.13625	1
cg14204281	RXRA	0.000697394	0.740866	0.90438	-1.10573	0.0592326	1.90598	1.90598	0.00271568	3.50444	3.50444	0.0348527	2.10599	2.10599	0.0265704	0.451094	-2.21683	0.000475435	5.26769	5.26769	0.44052	0.788034	-1.26898	7.41E-05	8.85203	8.85203	0.175479	1.54697	1.54697	13.0245	18.9186	1.29114	1
cg21201924	RXRA	0.000977086	0.504052	0.878069	-1.13886	0.00230187	0.441767	-2.26363	0.000332396	0.329319	-3.03657	0.199994	1.29647	1.29647	0.000678083	0.369264	-2.70809	0.00403196	0.476735	-2.0976	0.106526	1.40213	1.40213	0.668746	1.08605	1.08605	0.00617901	0.504147	-1.98355	11.8441	6.89951	0.517802	1
cg24341498	RXRA	0.001038	0.195281	1.80415	1.80415	0.0202731	3.339	3.339	0.00139917	7.34351	7.34351	0.0253319	3.14334	3.14334	0.24526	0.592405	-1.68803	0.000449797	10.8439	10.8439	0.467506	1.37502	1.37502	9.89E-05	19.636	19.636	0.0166148	3.52553	3.52553	11.6427	34.2188	2.61253	1
cg13677043	RXRA	0.0107956	0.0231781	0.363279	-2.75271	0.00233179	0.204821	-4.88232	0.0261351	0.373636	-2.6764	0.382744	1.39642	1.39642	0.0710379	0.471276	-2.1219	0.0541072	2.26027	2.26027	0.057059	0.447904	-2.23262	0.198024	1.66116	1.66116	0.873096	1.06144	1.06144	5.76724	12.7109	1.9591	1
cg02319187	RXRA	0.014013	0.108402	0.743468	-1.34505	0.4901	1.12599	1.12599	0.00888368	0.569161	-1.75697	0.208956	0.799174	-1.25129	0.00157995	0.463975	-2.15529	0.614624	0.917659	-1.08973	0.16449	1.28536	1.28536	0.110224	0.744799	-1.34264	0.127737	1.32146	1.32146	5.29828	2.40403	0.403323	1
cg00753924	RXRA	0.0184966	0.100408	0.548634	-1.82271	0.264166	1.47435	1.47435	0.4892	0.791093	-1.26407	0.058439	0.49007	-2.04053	0.240495	0.663718	-1.50667	0.0228963	2.47928	2.47928	0.00245641	0.245308	-4.0765	0.386158	1.34491	1.34491	0.400694	1.33233	1.33233	4.83065	8.51211	1.56631	1
cg13061648	RXRA	0.0315685	0.555532	1.09387	1.09387	0.0141531	0.634094	-1.57705	0.0726972	0.739858	-1.35161	0.87529	0.976644	-1.02391	0.732081	0.949602	-1.05307	0.0310432	1.46364	1.46364	0.020054	1.52529	1.52529	0.870641	1.02483	1.02483	0.120234	1.28869	1.28869	4.01331	1.43924	0.318771	1
cg21215436	RXRA	0.0325925	0.648635	1.13769	1.13769	0.648182	1.13789	1.13789	0.724181	0.905176	-1.10476	0.0127024	0.418601	-2.38891	0.00196876	0.292323	-3.42087	0.543837	1.18859	1.18859	0.196653	0.681226	-1.46794	0.518205	1.20224	1.20224	0.158092	0.654204	-1.52857	3.96771	4.96862	1.11312	1
cg14051721	RXRA	0.0455294	0.756849	0.904201	-1.10595	0.174678	1.59698	1.59698	0.116244	0.574946	-1.73929	0.28746	0.698992	-1.43063	0.0171781	0.390027	-2.56392	0.734231	0.895392	-1.11683	0.00572515	0.308935	-3.23692	0.225193	1.51139	1.51139	0.96347	1.01496	1.01496	3.51011	5.8448	1.48012	1
cg23124486	RXRB	0.000199786	7.27E-05	0.166899	-5.99165	0.0208105	0.526462	-1.89947	0.0596437	0.615722	-1.62411	0.041296	0.583347	-1.71425	2.76E-05	0.125091	-7.99418	0.000351934	0.248508	-4.02402	6.57E-05	0.162254	-6.16318	0.016232	0.506761	-1.97332	0.0022762	0.36431	-2.74492	23.5336	18.2868	0.604372	1
cg16425713	RXRB	0.00104629	0.251024	1.26724	1.26724	0.00458366	2.10712	2.10712	0.00176019	2.41107	2.41107	0.0117412	1.86196	1.86196	0.885689	0.971993	-1.02881	0.814862	1.04741	1.04741	0.000446499	2.98595	2.98595	0.000169415	3.53688	3.53688	0.00270041	2.26718	2.26718	11.6164	7.17485	0.549021	1
cg04772644	RXRB	0.00224523	0.743	1.06605	1.06605	0.087622	1.44269	1.44269	0.654938	1.09138	1.09138	0.00282845	2.22395	2.22395	0.0139497	0.554163	-1.80452	0.118965	0.719682	-1.3895	0.304336	0.813195	-1.22972	0.000186459	3.40829	3.40829	0.346405	1.20742	1.20742	9.3216	5.57847	0.531952	1
cg25472257	RXRB	0.00485874	0.572295	0.930823	-1.07432	0.0016849	1.75761	1.75761	0.0568534	1.31098	1.31098	0.230988	0.853972	-1.171	0.328278	0.880937	-1.13515	0.00121658	0.551653	-1.81273	0.127714	1.22986	1.22986	0.0837242	1.27184	1.27184	0.737565	0.958631	-1.04315	7.40303	1.85056	0.222199	1
cg10302472	RXRB	0.00669841	0.719539	0.939871	-1.06398	0.0111072	1.72903	1.72903	0.109539	1.34994	1.34994	0.000547579	2.51789	2.51789	0.134748	0.757811	-1.31959	0.654415	1.08057	1.08057	0.0565992	0.689939	-1.4494	0.0335033	1.53295	1.53295	0.874252	1.02761	1.02761	6.70645	3.14167	0.416404	1
cg11284973	RXRB	0.00736672	0.012401	0.530428	-1.88527	0.817086	0.953898	-1.04833	0.657466	1.09517	1.09517	0.022644	1.74362	1.74362	0.016431	0.550285	-1.81724	0.0690032	0.66065	-1.51366	0.0128893	0.533126	-1.87573	0.0567974	1.55147	1.55147	0.0358309	1.64461	1.64461	6.51045	4.2793	0.584265	1
cg26357820	RXRB	0.0104114	0.245052	0.75074	-1.33202	0.407519	0.818927	-1.22111	0.499121	0.850639	-1.17559	0.178727	1.4005	1.4005	0.00266874	0.375587	-2.6625	0.295555	0.774336	-1.29143	0.00367079	0.396087	-2.5247	0.0173424	1.98023	1.98023	0.191852	0.721985	-1.38507	5.83478	5.13714	0.782608	1
cg04770660	RXRB	0.0161343	0.178839	0.689401	-1.45053	0.105871	1.58405	1.58405	0.0916611	0.616526	-1.62199	0.120684	1.55009	1.55009	0.00616837	0.394429	-2.53531	0.00372912	0.36057	-2.77339	0.655179	1.12418	1.12418	0.72862	0.913283	-1.09495	0.107101	0.632497	-1.58103	5.05691	5.43177	0.954782	1
cg19809659	RXRB	0.0174826	0.994151	1.00222	1.00222	0.36197	1.32825	1.32825	0.421209	1.28263	1.28263	0.804052	0.927459	-1.07821	0.000374101	0.178424	-5.60463	0.0788595	0.55368	-1.8061	0.227585	0.681334	-1.46771	0.498107	1.23164	1.23164	0.385912	0.763938	-1.30901	4.92311	7.15532	1.29192	1
cg24470206	RXRB	0.0179965	0.0325436	0.804466	-1.24306	0.767034	0.975105	-1.02553	0.234551	1.11233	1.11233	0.176209	0.884155	-1.13102	0.844058	0.983431	-1.01685	0.121726	0.865815	-1.15498	0.00272935	1.44775	1.44775	0.062228	1.19888	1.19888	0.0639812	1.19703	1.19703	5.44825	0.607699	0.0867536	1
cg00031105	RXRB	0.0337378	0.113137	0.452535	-2.20977	0.6788	0.825725	-1.21106	0.88112	1.07124	1.07124	0.916925	1.04915	1.04915	0.0114463	0.23337	-4.28504	0.0533456	0.364465	-2.74375	0.00190376	0.132294	-7.55892	0.291941	0.604809	-1.65342	0.122086	0.462738	-2.16105	3.91876	13.1249	2.97711	1
cg06370855	RXRB	0.0491303	0.0165434	3.66573	3.66573	0.0366658	2.91037	2.91037	0.387929	1.46475	1.46475	0.0541406	2.60666	2.60666	0.869192	0.931618	-1.0734	0.0224765	3.35011	3.35011	0.828228	0.910834	-1.09789	0.011981	4.03826	4.03826	0.105938	2.15825	2.15825	3.70311	10.6013	2.22663	1
cg03585237	RXRG;RXRG	0.000536349	0.00605392	0.549201	-1.82083	0.0226084	0.633571	-1.57835	0.367942	0.856758	-1.16719	0.516455	0.895858	-1.11625	0.00148315	0.464697	-2.15194	0.0213751	0.62984	-1.5877	8.31E-06	0.196945	-5.07755	0.288589	0.831797	-1.20222	0.0396284	0.671815	-1.4885	14.0147	6.20291	0.393422	1
cg08623787	RXRG;RXRG	0.00887152	0.0261982	0.728277	-1.3731	0.633087	0.943822	-1.05952	0.0117959	0.685193	-1.45944	0.989704	0.99845	-1.00155	0.0546725	0.769495	-1.29955	0.0105307	0.679153	-1.47242	0.000810865	0.544852	-1.83536	0.0081926	0.665842	-1.50186	0.985723	1.00215	1.00215	6.14031	1.40543	0.203454	1
cg11717564	RXRG;RXRG	0.0200851	0.0354552	0.486792	-2.05427	0.0362289	0.488718	-2.04617	0.0338965	0.482802	-2.07124	0.00103096	0.239405	-4.17703	0.0240066	0.453137	-2.20684	0.992655	0.997297	-1.00271	0.211309	0.678971	-1.47282	0.0723817	0.554614	-1.80306	0.795133	0.92635	-1.07951	4.69778	6.43131	1.2169	1
cg01913568	RXRG;RXRG	0.0253472	0.0532434	0.435048	-2.2986	0.572247	1.24146	1.24146	0.061516	2.22173	2.22173	0.181903	0.584485	-1.71091	0.0108919	0.297757	-3.35845	0.235994	0.624591	-1.60105	0.00758131	0.272078	-3.67541	0.196053	0.595617	-1.67893	0.389313	1.39704	1.39704	4.33636	9.86506	2.02219	1
cg20526654	RYBP	0.00352867	0.00764358	0.388498	-2.57402	0.139707	0.645206	-1.54989	0.208077	0.693528	-1.4419	0.000143096	0.164076	-6.09474	0.864126	0.953873	-1.04836	0.0774734	0.582093	-1.71794	0.0448832	1.88654	1.88654	0.677163	1.12237	1.12237	0.3642	1.29317	1.29317	8.15387	9.81763	1.07026	1
cg21737066	RYBP	0.00586674	0.195808	0.783315	-1.27663	0.0784869	0.705454	-1.41753	0.356774	0.844336	-1.18436	0.110414	0.733029	-1.3642	0.680746	0.928804	-1.07665	0.0458034	1.5049	1.5049	0.00255767	0.473827	-2.11048	0.0735951	1.42773	1.42773	0.00103648	0.420073	-2.38054	6.98741	3.52697	0.448676	1
cg16990174	RYBP	0.00730311	0.466841	0.80451	-1.24299	0.00124043	4.00126	4.00126	0.0546927	1.89696	1.89696	0.124889	1.6291	1.6291	0.0123643	0.400541	-2.49662	0.0104163	2.57952	2.57952	0.0434522	1.97826	1.97826	0.841946	1.06041	1.06041	0.285424	1.38534	1.38534	6.52814	8.92331	1.21502	1
cg24113274	RYBP	0.0469002	0.0612696	2.46807	2.46807	0.506384	1.33487	1.33487	0.949656	1.02742	1.02742	0.118562	2.0666	2.0666	0.813092	1.1068	1.1068	0.148345	1.94299	1.94299	0.00191954	6.56536	6.56536	0.0344231	2.87749	2.87749	0.0975132	2.17919	2.17919	3.47119	10.0902	2.58387	1
cg04531097	RYK;RYK	0.000234653	2.37E-05	0.103746	-9.63893	0.000359398	0.21493	-4.65268	0.0680956	0.577674	-1.73108	0.0449131	0.538907	-1.85561	0.000266234	0.200316	-4.9921	0.00258463	0.325719	-3.07013	0.000323844	0.209791	-4.76666	0.0015448	0.294314	-3.39773	0.00413474	0.356012	-2.8089	17.5908	20.0985	1.01561	1
cg18568859	RYK;RYK	0.00422952	0.00692599	0.347913	-2.87428	0.361593	0.753271	-1.32754	0.361041	1.328	1.328	0.659354	1.14342	1.14342	0.000163251	0.143269	-6.97987	0.0571747	0.521996	-1.91572	0.815559	0.931841	-1.07314	0.67355	1.13657	1.13657	0.0107326	0.379606	-2.63431	7.72134	11.162	1.28499	1
cg22873562	RYK;RYK	0.0067279	0.406303	0.941231	-1.06244	0.198128	1.10183	1.10183	0.177571	1.10755	1.10755	0.0238726	1.21191	1.21191	0.625459	1.03569	1.03569	0.746248	0.977118	-1.02342	0.000565381	0.683239	-1.46362	0.0706111	1.15494	1.15494	0.0255104	1.20831	1.20831	6.69729	0.539125	0.0715546	1
cg17560006	RYK;RYK	0.00925991	0.044337	0.751814	-1.33012	0.0402194	0.746213	-1.3401	0.0672977	1.28819	1.28819	0.00588965	0.640788	-1.56058	0.666285	1.05505	1.05505	0.00311418	0.606891	-1.64774	0.387755	0.896429	-1.11554	0.811391	1.02997	1.02997	0.0607811	1.29831	1.29831	6.05734	1.46341	0.214749	1
cg16943019	RYK;RYK	0.0171295	0.260223	0.662134	-1.51027	0.440841	0.75885	-1.31778	0.462439	0.769041	-1.30032	0.189289	0.613738	-1.62936	0.000436111	0.142033	-7.0406	0.174553	0.602293	-1.66032	0.832393	0.928298	-1.07724	0.767171	1.10986	1.10986	0.007775	0.301232	-3.3197	4.95688	9.67605	1.73515	1
cg19260500	RYK;RYK	0.0236329	0.445139	0.673391	-1.48502	0.0348114	3.48957	3.48957	0.00395801	7.16254	7.16254	0.994327	0.996395	-1.00362	0.0209898	4.09891	4.09891	?	?	?	0.21013	1.95607	1.95607	0.169234	2.10437	2.10437	0.0146694	4.60139	4.60139	4.52138	16.4281	3.63343	1
ch.3.2658749R	RYK;RYK	0.0337851	?	?	?	0.0517463	0.382007	-2.61775	0.0047908	0.19643	-5.09086	0.0318653	0.335096	-2.98422	0.0194219	0.292755	-3.41583	0.324127	0.642326	-1.55684	0.159497	0.52023	-1.92223	0.0665711	0.408916	-2.44549	0.0369882	0.348896	-2.86618	3.98092	10.5902	2.66024	1
cg17434647	RYR1;RYR1	3.26E-05	0.0668341	0.738055	-1.35491	0.000376242	2.31719	2.31719	0.00155499	1.959	1.959	3.29E-06	0.196896	-5.07882	0.000111225	0.366133	-2.73125	0.0176325	0.652596	-1.53234	0.838837	1.03056	1.03056	0.270693	0.844064	-1.18474	0.0245978	0.673184	-1.48548	29.7932	10.3112	0.307637	1
cg26619193	RYR1;RYR1	3.36E-05	2.31E-05	0.156041	-6.40857	0.00107196	0.346295	-2.88772	0.000332527	0.280572	-3.56415	0.0237588	0.553065	-1.80811	2.88E-06	0.0858609	-11.6467	0.000272697	0.270073	-3.7027	6.92E-05	0.202792	-4.93116	0.867092	1.03744	1.03744	0.0129703	0.508291	-1.96738	29.5526	22.5418	0.678017	1
cg22010774	RYR1;RYR1	4.11E-05	0.0259987	0.744416	-1.34333	0.00654816	0.673979	-1.48372	0.00064713	0.557393	-1.79406	0.000294421	0.517492	-1.9324	0.00190624	0.611876	-1.63432	0.00204994	0.615532	-1.62461	1.71E-06	0.262351	-3.81169	0.25814	0.876513	-1.14088	1.83E-05	0.37678	-2.65407	28.0411	5.54139	0.175659	1
cg02452418	RYR1;RYR1	4.17E-05	0.00311995	0.520783	-1.92019	0.00158346	2.07925	2.07925	0.025618	0.651831	-1.53414	0.819775	0.963837	-1.03752	0.000554281	0.421056	-2.37498	0.0087438	1.71448	1.71448	2.11E-05	3.98625	3.98625	4.61E-05	3.46345	3.46345	0.0191695	1.58003	1.58003	27.9333	11.5249	0.366744	1
cg09508496	RYR1;RYR1	0.000122051	0.00233342	2.33224	2.33224	0.00265657	2.28925	2.28925	0.0309077	1.6569	1.6569	0.222913	1.29071	1.29071	0.0530975	0.645385	-1.54946	0.0105553	1.89835	1.89835	2.20E-06	10.0651	10.0651	0.00499413	2.09659	2.09659	0.024145	1.70871	1.70871	20.9893	13.198	0.558928	1
cg03589733	RYR1;RYR1	0.00029998	0.00461722	0.699566	-1.42946	3.30E-05	0.465788	-2.1469	0.00246186	0.67085	-1.49065	0.64454	0.956916	-1.04502	0.783334	1.02647	1.02647	0.198242	1.13757	1.13757	0.00259896	1.48515	1.48515	0.147453	0.862998	-1.15875	0.00123322	0.639004	-1.56493	16.4504	2.34121	0.126506	1
cg24396973	RYR1;RYR1	0.000318831	0.00509533	0.620059	-1.61275	0.823048	0.971496	-1.02934	5.65E-05	0.380697	-2.62676	4.33E-05	0.367053	-2.72441	0.108277	0.797548	-1.25384	0.77033	1.03852	1.03852	0.0211652	1.43025	1.43025	0.0500733	0.749418	-1.33437	0.0496101	0.74886	-1.33536	16.1781	4.2713	0.234682	1
cg02452966	RYR1;RYR1	0.000589319	0.00169101	6.15875	6.15875	0.000674396	8.22101	8.22101	0.034372	2.7184	2.7184	0.0484317	2.49349	2.49349	0.0231493	0.3328	-3.00481	0.00841456	3.91069	3.91069	9.84E-05	16.4908	16.4908	0.00432722	4.68974	4.68974	0.00723471	4.07261	4.07261	13.6521	35.5018	2.31153	1
cg03708907	RYR1;RYR1	0.00116592	0.00556735	0.377345	-2.65009	0.0871521	0.60319	-1.65785	0.0112135	0.427229	-2.34067	0.00234305	0.320893	-3.1163	0.000368602	0.217372	-4.60041	0.640003	0.881556	-1.13436	0.000121683	0.165992	-6.02438	0.00495153	0.369377	-2.70726	0.0330522	0.513226	-1.94846	11.264	12.7782	1.00838	1
cg05254946	RYR1;RYR1	0.00133193	0.122174	1.29797	1.29797	0.604811	1.08467	1.08467	0.778196	1.04494	1.04494	0.896498	0.979942	-1.02047	1.57E-05	0.249463	-4.00861	0.470329	0.891957	-1.12113	0.31826	1.17421	1.17421	0.921033	0.984682	-1.01556	0.269308	0.836027	-1.19613	10.8434	4.16221	0.341196	1
cg02453828	RYR1;RYR1	0.00170771	0.454281	1.39609	1.39609	0.617808	0.802349	-1.24634	0.00979976	0.239436	-4.17649	0.339601	1.53859	1.53859	0.000379485	0.0832939	-12.0057	0.0297863	0.326451	-3.06325	0.000470758	0.0902212	-11.0839	0.0374369	2.87808	2.87808	0.506491	0.744485	-1.34321	10.0946	30.6382	2.69789	1
cg02753903	RYR1;RYR1	0.00222033	0.00974726	1.98799	1.98799	0.0155325	0.535873	-1.86611	0.432233	0.844949	-1.1835	0.0011321	0.365361	-2.73702	0.921935	1.02082	1.02082	0.034886	0.596411	-1.67669	0.958208	0.989045	-1.01108	0.0033061	2.31886	2.31886	0.0171459	0.543014	-1.84157	9.35208	6.54437	0.622024	1
cg18154954	RYR1;RYR1	0.00300913	0.00171641	4.25634	4.25634	0.000786881	5.16856	5.16856	0.272089	1.44774	1.44774	0.0214953	2.4446	2.4446	0.640649	0.858854	-1.16434	0.00817369	2.99053	2.99053	0.00120491	4.64046	4.64046	0.0138444	2.67626	2.67626	0.0292289	2.29672	2.29672	8.55043	14.1855	1.4747	1
cg27584097	RYR1;RYR1	0.00302544	0.00225335	0.229589	-4.35562	0.300313	0.691143	-1.44688	0.0130006	0.346193	-2.88856	0.958439	0.982224	-1.0181	0.000596457	0.161414	-6.19524	0.594216	0.831049	-1.2033	0.643824	1.1738	1.1738	0.000803318	0.17533	-5.70353	0.0183392	0.373396	-2.67812	8.53671	16.0158	1.66765	1
cg03181524	RYR1;RYR1	0.00341788	0.000316538	0.114273	-8.75098	0.226132	1.6041	1.6041	0.00403219	0.23784	-4.20451	0.148959	0.56244	-1.77797	0.122449	0.536687	-1.86328	0.0825314	0.489197	-2.04417	0.00128399	0.174626	-5.72653	0.530446	0.78956	-1.26653	0.0340778	0.398677	-2.5083	8.23206	18.0237	1.94618	1
cg15149712	RYR1;RYR1	0.00705295	0.636588	1.11693	1.11693	0.00301036	0.38863	-2.57314	0.000765299	0.305924	-3.26879	0.0627081	0.614686	-1.62685	0.00455895	0.415687	-2.40566	0.740589	0.925704	-1.08026	0.661512	0.902695	-1.10779	0.0750499	0.630884	-1.58508	0.0302219	0.553167	-1.80777	6.59959	5.64328	0.760085	1
cg15517609	RYR1;RYR1	0.00820582	0.246084	1.78412	1.78412	0.0435554	3.02695	3.02695	0.0577525	2.78414	2.78414	0.180818	0.507573	-1.97016	0.0345183	0.30834	-3.24318	0.00396418	6.35366	6.35366	0.0432664	0.329715	-3.03293	0.569851	0.760266	-1.31533	0.0130411	4.34885	4.34885	6.2936	22.7022	3.20639	1
cg12227210	RYR1;RYR1	0.0136352	0.00439369	0.117998	-8.4747	0.105322	0.369969	-2.70293	0.00949169	0.157775	-6.33814	0.398735	0.615408	-1.62494	0.00495647	0.12361	-8.08997	0.0173481	0.196297	-5.09431	0.00659306	0.137768	-7.2586	0.466032	0.659131	-1.51715	0.0394463	0.262203	-3.81384	5.34603	26.7334	4.44498	1
cg22647970	RYR1;RYR1	0.0137019	0.180168	0.666441	-1.50051	0.00939746	0.391081	-2.55701	0.0124916	0.41227	-2.4256	0.0955118	0.593254	-1.68562	0.00474612	0.343261	-2.91323	0.234223	1.42695	1.42695	0.0174127	0.438036	-2.28292	0.204202	1.46526	1.46526	0.420449	0.790827	-1.2645	5.33748	6.8719	1.14443	1
cg03598159	RYR1;RYR1	0.0151221	0.0319444	4.56709	4.56709	0.00249509	12.6657	12.6657	0.147233	2.55951	2.55951	0.155721	2.50383	2.50383	0.0630132	0.282602	-3.53854	0.0832948	3.18519	3.18519	0.0450767	4.01266	4.01266	0.0172631	5.77036	5.77036	0.0492932	3.88027	3.88027	5.16682	29.8791	5.14033	1
cg14341834	RYR1;RYR1	0.0155547	0.158308	1.66953	1.66953	0.485691	0.786039	-1.2722	0.878598	1.05332	1.05332	0.307767	1.43158	1.43158	0.000491093	0.156392	-6.39417	0.517406	0.800079	-1.24988	0.0631963	2.03421	2.03421	0.651989	1.16683	1.16683	0.596976	1.19883	1.19883	5.11876	9.36288	1.62589	1
cg26963641	RYR1;RYR1	0.0156359	0.930936	0.970326	-1.03058	0.00446452	0.26771	-3.73539	0.927727	0.968965	-1.03203	0.0262773	0.40015	-2.49906	0.0052743	0.278531	-3.59026	0.00262305	0.235126	-4.25304	0.125256	0.561785	-1.78004	0.504389	0.790237	-1.26544	0.277158	0.675186	-1.48107	5.10993	9.77342	1.70012	1
cg27321311	RYR1;RYR1	0.0168747	0.0792284	0.718626	-1.39154	0.0091841	1.75227	1.75227	0.212836	0.80053	-1.24917	0.904333	1.0206	1.0206	0.00324824	0.50631	-1.97507	0.334073	1.18404	1.18404	0.43674	1.144	1.144	0.215917	0.801849	-1.24712	0.0886064	0.727218	-1.3751	4.98179	2.26866	0.404791	1
cg24830036	RYR1;RYR1	0.0185377	0.268939	0.766165	-1.3052	0.0351126	1.76451	1.76451	0.00067745	0.300621	-3.32645	0.918162	0.976504	-1.02406	0.304156	1.27915	1.27915	0.259836	1.31248	1.31248	0.936858	0.981838	-1.0185	0.881514	1.03511	1.03511	0.949544	0.985467	-1.01475	4.82704	4.09149	0.753438	1
cg22509027	RYR1;RYR1	0.0193625	0.0552395	0.300084	-3.3324	0.514313	1.44238	1.44238	0.141691	0.416776	-2.39937	0.48411	1.48268	1.48268	0.000588722	0.052816	-18.9336	0.0514849	0.292906	-3.41407	0.839793	1.11864	1.11864	0.84385	1.11542	1.11542	0.884924	0.92292	-1.08352	4.75655	23.1114	4.31898	1
cg04342110	RYR1;RYR1	0.0204363	0.0192745	2.81835	2.81835	0.146758	0.565487	-1.76839	0.651664	0.84675	-1.18099	0.0223429	2.72379	2.72379	0.54505	0.799154	-1.25132	0.436328	1.33733	1.33733	0.00733133	0.282155	-3.54416	0.0541879	2.22517	2.22517	0.983459	0.99244	-1.00762	4.67016	9.91008	1.88622	1
cg18601057	RYR1;RYR1	0.0236058	0.0108494	0.230111	-4.34573	0.236425	0.565666	-1.76783	0.301814	0.611836	-1.63442	0.185483	0.524758	-1.90564	0.016286	0.259456	-3.85422	0.443657	0.698598	-1.43144	0.00176926	0.129388	-7.72868	0.0146526	0.251535	-3.97559	0.196803	0.534345	-1.87145	4.44479	14.8478	2.96933	1
cg08441560	RYR1;RYR1	0.0250498	0.343176	0.726792	-1.37591	0.0106092	0.349886	-2.85807	0.0740556	0.521767	-1.91657	0.00262407	0.256356	-3.90082	0.766579	0.907302	-1.10217	0.299017	1.42155	1.42155	0.125389	1.71947	1.71947	0.289547	0.698209	-1.43224	0.843551	0.937471	-1.0667	4.35422	7.36406	1.50333	1
cg02987387	RYR1;RYR1	0.0295291	0.00991775	0.178197	-5.61177	0.409421	0.639727	-1.56317	0.0112571	0.186151	-5.37199	0.0512622	0.308738	-3.23899	0.0146183	0.203509	-4.91378	0.0744092	0.349059	-2.86485	0.00759562	0.162371	-6.15875	0.274377	0.547602	-1.82615	0.131764	0.42256	-2.36653	4.10984	18.2492	3.947	1
cg02258614	RYR1;RYR1	0.0352222	0.00507228	0.25031	-3.99505	0.138802	0.551177	-1.8143	0.0189568	0.345693	-2.89274	0.0282735	0.379762	-2.63323	0.00952669	0.292971	-3.41331	0.182722	0.58942	-1.69658	0.071089	0.470586	-2.12501	0.650445	0.843204	-1.18595	0.190684	0.59569	-1.67873	3.85828	8.54058	1.96762	1
cg14245356	RYR1;RYR1	0.0353812	0.512756	0.839285	-1.19149	0.217136	0.709837	-1.40877	0.107616	0.629115	-1.58953	0.395939	0.794974	-1.2579	0.632228	0.880502	-1.13572	0.411903	0.801368	-1.24787	0.000800965	0.26296	-3.80285	0.539679	1.17807	1.17807	0.0448596	0.544615	-1.83616	3.85199	4.24965	0.980654	1
cg24377285	RYR1;RYR1	0.0415911	0.037658	0.337026	-2.96713	0.692535	1.19634	1.19634	0.283742	0.605113	-1.65258	0.0809576	0.417763	-2.3937	0.0142164	0.255562	-3.91294	0.946989	0.970452	-1.03045	0.00370304	0.170499	-5.86512	0.692734	1.19619	1.19619	0.488607	0.72808	-1.37348	3.63046	11.6988	2.86435	1
cg16238854	RYR1;RYR1	0.0492557	0.432578	0.846911	-1.18076	0.790187	0.946178	-1.05688	0.10115	1.45126	1.45126	0.571902	1.12581	1.12581	0.0618546	0.646437	-1.54694	0.778534	1.06024	1.06024	0.0418598	0.614716	-1.62677	0.15259	0.727701	-1.37419	0.00604303	0.475207	-2.10435	3.40748	2.32288	0.605955	1
cg06740600	RYR1;RYR1;RYR1;RYR1	0.0289912	0.211113	1.2917	1.2917	0.529563	0.883618	-1.13171	0.142557	1.35827	1.35827	0.139972	0.734543	-1.36139	0.0434751	0.636938	-1.57001	0.114342	1.39607	1.39607	0.0227664	0.588883	-1.69813	0.0108974	0.537442	-1.86067	0.349151	0.829242	-1.20592	4.13668	2.47272	0.531339	1
cg04571321	RYR1;RYR1;RYR1;RYR1	0.0348616	0.630126	1.06571	1.06571	0.29416	1.1534	1.1534	0.0356954	0.725705	-1.37797	0.309707	0.871206	-1.14783	0.842652	0.97427	-1.02641	0.732926	0.95607	-1.04595	0.000992556	0.526431	-1.89958	0.962581	1.00617	1.00617	0.569649	0.927403	-1.07828	3.87268	1.05512	0.242179	1
cg11958173	RYR2	8.46E-05	0.311102	0.948177	-1.05466	9.77E-05	1.42133	1.42133	0.0828567	1.10243	1.10243	0.1742	0.929229	-1.07616	0.000191159	1.37596	1.37596	0.00110119	1.27674	1.27674	6.50E-05	1.45122	1.45122	0.00398417	0.821554	-1.21721	0.0190381	0.865771	-1.15504	23.1502	0.945361	0.0362987	1
cg17436298	RYR2	0.00150287	0.13242	0.847603	-1.1798	2.52E-05	0.426608	-2.34407	0.930459	0.991151	-1.00893	0.465505	1.07857	1.07857	0.421805	1.08715	1.08715	0.367138	1.09893	1.09893	0.0530969	1.25082	1.25082	0.291316	1.11796	1.11796	0.96687	0.995779	-1.00424	10.4738	1.72014	0.145984	1
cg03422911	RYR2	0.00247633	0.293281	1.33162	1.33162	0.000162683	5.42138	5.42138	0.0406991	1.86027	1.86027	0.228535	1.39374	1.39374	0.560864	0.856863	-1.16705	0.373031	0.786442	-1.27155	0.0591972	0.571441	-1.74996	0.00185754	3.19073	3.19073	0.401589	0.798095	-1.25298	9.05736	9.89936	0.971523	1
cg26956874	RYR2	0.00427975	0.636594	1.09683	1.09683	0.0716167	1.47795	1.47795	0.0616823	1.50488	1.50488	0.913066	1.02143	1.02143	0.288971	1.23832	1.23832	0.759338	0.942074	-1.06149	0.0373688	0.625521	-1.59867	0.000117087	3.70718	3.70718	0.0441025	1.56702	1.56702	7.69381	4.59537	0.530917	1
cg19857758	RYR2	0.0111017	0.0303048	0.711862	-1.40477	0.594867	1.07427	1.07427	0.00712838	0.628853	-1.5902	0.838295	1.02765	1.02765	0.782237	0.963694	-1.03767	0.071936	1.3075	1.3075	0.0016374	1.82571	1.82571	0.721161	1.04899	1.04899	0.783786	0.963956	-1.03739	5.71554	1.6125	0.250779	1
cg13373703	RYR2	0.0132046	0.203604	1.37992	1.37992	0.194056	0.719113	-1.3906	0.177783	0.709158	-1.41012	0.161156	1.43211	1.43211	0.0176873	0.500374	-1.99851	0.349124	1.26025	1.26025	0.0996108	1.54207	1.54207	0.00146333	3.012	3.012	0.553286	0.865955	-1.15479	5.4025	4.92778	0.810782	1
cg01157404	RYR2	0.0150815	0.718475	1.12815	1.12815	0.0210746	2.51948	2.51948	0.797702	1.08932	1.08932	0.369023	0.735433	-1.35974	0.105415	0.554763	-1.80257	0.878884	1.0521	1.0521	0.953103	1.01978	1.01978	0.000579433	5.88765	5.88765	0.14022	1.69646	1.69646	5.17143	9.08632	1.5618	1
cg17087499	RYR2	0.015581	0.491004	0.819379	-1.22044	0.0374361	1.98907	1.98907	0.0908434	0.588327	-1.69973	0.0927857	0.59056	-1.69331	0.000988892	0.2481	-4.03064	0.645297	0.87635	-1.1411	0.0278457	0.477011	-2.09639	0.13629	0.633115	-1.57949	0.683974	0.889995	-1.1236	5.11589	6.57054	1.14163	1
cg22530462	RYR2	0.0198528	0.244669	0.55302	-1.80825	0.331199	0.613864	-1.62903	0.0146292	0.231493	-4.31978	0.0394464	0.313635	-3.18842	?	?	?	0.0286435	0.284628	-3.51335	0.00172493	0.113451	-8.81438	0.0291532	0.286159	-3.49455	0.0916794	0.404998	-2.46915	4.80213	16.0155	3.33508	1
cg22940372	RYR2	0.0266077	0.0233488	0.218752	-4.57138	0.373998	1.66832	1.66832	0.498921	0.680455	-1.46961	0.111037	0.377681	-2.64774	0.0240469	0.221035	-4.52417	0.135558	0.405667	-2.46508	0.00200037	0.0865883	-11.5489	0.991713	0.994192	-1.00584	0.0621906	0.308037	-3.24637	4.26348	21.2408	4.42847	1
cg00299070	RYR2	0.0411813	0.0669593	0.275092	-3.63515	0.0158094	0.155944	-6.41254	0.144624	0.373519	-2.67724	0.987128	1.01019	1.01019	0.00916611	0.124953	-8.00301	0.225371	0.449214	-2.22611	0.00756277	0.115372	-8.66758	0.468084	0.628753	-1.59045	0.0702114	0.280248	-3.56826	3.64379	22.7961	5.56102	1
cg23087876	RYR2	0.0421877	0.326955	1.18492	1.18492	0.259837	0.821131	-1.21783	0.0647905	1.41587	1.41587	0.188962	1.26281	1.26281	0.00309133	1.97157	1.97157	0.298149	0.834583	-1.1982	0.499109	1.12192	1.12192	0.683444	0.93357	-1.07116	0.174281	0.784814	-1.27419	3.61135	1.60786	0.395754	1
cg18375860	RYR2	0.0469429	0.0950693	1.29173	1.29173	0.573644	0.923718	-1.08258	0.966667	1.00585	1.00585	0.44762	0.897614	-1.11406	0.810431	1.03411	1.03411	0.00814938	0.623356	-1.60422	0.0277479	0.695534	-1.43774	0.064788	1.3357	1.3357	0.613616	0.931409	-1.07364	3.47	1.07041	0.274201	1
cg13682864	RYR2	0.0494935	0.0649095	0.538493	-1.85703	0.906044	0.965356	-1.03589	0.656068	1.14322	1.14322	0.250854	1.43085	1.43085	0.0184196	0.42577	-2.34869	0.0801593	0.560082	-1.78545	0.160336	1.56498	1.56498	0.252021	0.699555	-1.42948	0.0210782	0.436748	-2.28965	3.40126	4.80326	1.25529	1
cg13337716	RYR3	8.87E-06	0.0514522	0.693461	-1.44204	0.0410489	1.47583	1.47583	0.610866	0.91877	-1.08841	0.0366241	0.6697	-1.49321	1.88E-07	0.0718523	-13.9174	0.0445153	0.683242	-1.46361	6.80E-06	0.192356	-5.1987	0.0808705	0.726457	-1.37654	0.792388	0.957384	-1.04451	41.8514	18.0662	0.38371	1
cg03431028	RYR3	0.000109384	0.137946	1.20863	1.20863	0.0649116	1.27875	1.27875	0.620606	0.942529	-1.06098	0.084417	1.25412	1.25412	9.87E-05	0.44035	-2.27092	0.00964561	0.678023	-1.47488	5.83E-06	0.29853	-3.34974	0.338251	1.12423	1.12423	0.456834	1.09405	1.09405	21.6153	4.81705	0.198092	1
cg10421002	RYR3	0.00293189	0.837499	1.03381	1.03381	0.632886	1.08103	1.08103	0.00463116	1.8402	1.8402	0.754868	1.05201	1.05201	0.505795	1.1155	1.1155	0.000208005	2.73206	2.73206	0.00587094	0.557811	-1.79272	0.436434	0.879384	-1.13716	0.421485	0.875513	-1.14219	8.61667	3.5769	0.368991	1
cg11789740	RYR3	0.00364042	0.00702549	0.76716	-1.30351	0.71279	1.02852	1.02852	0.454349	0.943686	-1.05967	0.21713	1.1038	1.1038	0.0480761	1.18749	1.18749	0.271593	0.916638	-1.09094	0.000157023	0.611465	-1.63542	0.0699356	0.85717	-1.16663	0.94884	1.00489	1.00489	8.07805	0.740026	0.0814307	1
cg08642292	RYR3	0.00487451	0.00837283	0.279455	-3.5784	0.138027	0.546403	-1.83015	0.134342	0.542814	-1.84225	0.0459248	0.420695	-2.37702	0.0642116	0.45519	-2.19689	0.884288	0.946378	-1.05666	8.29E-05	0.0684048	-14.6188	0.32177	0.678826	-1.47313	0.0816524	0.481762	-2.07572	7.39572	16.7765	2.01637	1
cg16888559	RYR3	0.00966501	0.00714019	0.37577	-2.6612	0.0361029	0.503258	-1.98705	0.0202486	0.454445	-2.20049	0.210303	0.689424	-1.45049	0.227104	0.699609	-1.42937	0.0036538	0.33039	-3.02673	0.00243946	0.304754	-3.28134	0.235775	1.4191	1.4191	0.0633582	0.555322	-1.80076	5.9753	7.51065	1.11729	1
cg05368119	S100A10	0.00120287	0.103412	1.32961	1.32961	0.00023402	0.37686	-2.6535	0.012877	0.610223	-1.63874	0.0954433	0.746042	-1.34041	0.124316	1.30495	1.30495	0.135271	1.2937	1.2937	0.000743248	2.26829	2.26829	0.873714	1.02577	1.02577	0.743766	0.948891	-1.05386	11.1642	4.52323	0.360139	1
cg04989070	S100A10	0.00686567	0.0204543	0.410595	-2.43549	0.913349	0.965906	-1.0353	0.207215	0.654504	-1.52788	0.710602	0.888006	-1.12612	0.000544214	0.180372	-5.5441	0.389655	0.755077	-1.32437	0.00165595	0.23819	-4.19834	0.156678	0.617061	-1.62059	0.0080382	0.338862	-2.95106	6.65518	10.7049	1.42979	1
cg18348690	S100A10	0.0148536	0.00204452	0.0731483	-13.6709	0.974932	0.98127	-1.01909	0.144138	0.389007	-2.57065	0.0365165	0.23168	-4.3163	0.00581308	0.113761	-8.79033	0.0719666	0.298603	-3.34893	0.0158638	0.16901	-5.91683	0.0598199	0.278624	-3.58907	0.0144912	0.163227	-6.12642	5.19752	29.8059	5.09745	1
cg20994097	S100A10	0.0194123	0.00430084	0.167345	-5.97567	0.587202	0.773628	-1.29261	0.149442	0.484944	-2.06209	0.299364	0.604343	-1.65469	0.0179912	0.260314	-3.84152	0.0694128	0.386344	-2.58837	0.00609943	0.187084	-5.3452	0.0300736	0.302833	-3.30215	0.00807829	0.204249	-4.89599	4.75241	16.5015	3.08644	1
cg06698332	S100A10	0.0247223	0.0287048	0.52033	-1.92186	0.0133695	2.17221	2.17221	0.959505	0.987227	-1.01294	0.0340662	1.87058	1.87058	0.1138	0.646883	-1.54587	0.090104	1.60468	1.60468	0.254527	0.739918	-1.3515	0.272837	1.33502	1.33502	0.174584	0.693778	-1.44138	4.37419	4.44065	0.902395	1
cg12447069	S100A11	5.89E-06	0.000173806	0.268758	-3.72082	8.22E-06	7.44105	7.44105	0.40048	1.19415	1.19415	0.000643873	0.339719	-2.94361	4.85E-07	0.0544807	-18.3551	0.27208	0.790017	-1.2658	0.177115	1.34416	1.34416	0.846088	1.04088	1.04088	0.90763	0.976354	-1.02422	46.53	31.3247	0.598413	1
cg01250454	S100A11	0.000295644	0.00061132	0.691616	-1.44589	0.0250919	0.830174	-1.20457	0.00355581	0.758873	-1.31774	3.85E-05	0.57623	-1.73542	0.23908	0.917485	-1.08994	0.625157	1.03499	1.03499	0.0313289	0.838264	-1.19294	5.96E-05	0.595368	-1.67963	0.753174	1.02228	1.02228	16.5161	1.27623	0.0686861	1
cg24067813	S100A11	0.00310579	0.0466683	0.718574	-1.39165	0.694222	1.059	1.059	0.106873	0.774609	-1.29097	0.0057137	0.591092	-1.69178	0.00464852	0.579161	-1.72664	0.0569936	0.731631	-1.36681	9.74E-05	0.366031	-2.73201	0.0541771	0.728297	-1.37307	0.0645399	0.739884	-1.35156	8.47046	2.8239	0.296339	1
cg06767701	S100A11	0.00571953	0.0400899	0.784893	-1.27406	0.663362	1.04573	1.04573	0.0032497	1.50648	1.50648	0.070171	0.813274	-1.2296	0.524468	0.936267	-1.06807	0.004258	1.47776	1.47776	0.0184565	0.746901	-1.33887	0.0664214	1.2339	1.2339	0.583895	0.945092	-1.0581	7.04231	1.1627	0.146757	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0681248	0.578028	-1.73002	0.0165164	2.1943	2.1943	0.0325531	1.9568	1.9568	0.342583	0.769224	-1.30001	5.76586	6.57482	1.0136	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.305235	1.44325	1.44325	0.000446861	0.147476	-6.78077	0.194559	0.62236	-1.60679	0.154954	0.590949	-1.69219	4.83798	9.15102	1.68133	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.686449	0.921071	-1.08569	0.0295154	0.594967	-1.68076	0.0246012	1.72004	1.72004	0.469053	0.861363	-1.16095	3.53129	2.29559	0.577842	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.000338771	0.16041	-6.23401	0.336547	1.36887	1.36887	0.52405	0.814974	-1.22703	0.901542	0.96154	-1.04	6.96957	11.0839	1.41362	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06121507	S100A12	0.000170136	0.00124054	0.194727	-5.13538	0.807469	0.918846	-1.08832	0.0101799	0.32519	-3.07512	0.165811	0.599099	-1.66917	0.00319659	0.247756	-4.03622
cg15108991	S100A12	0.00130622	0.000385123	0.50346	-1.98625	0.0196895	0.710854	-1.40676	0.00712155	0.656323	-1.52364	0.00266882	0.604626	-1.65392	0.597094	1.06676	1.06676
cg26808583	S100A12	0.0126023	0.0040608	0.0875179	-11.4262	0.0634782	0.26776	-3.73469	0.0406648	0.224845	-4.44751	0.156498	0.384022	-2.60402	0.0249716	0.185552	-5.38933
cg05921170	S100A12	0.0175617	0.0185804	0.077271	-12.9415	0.00531832	0.0370727	-26.974	0.0474075	0.130699	-7.65116	0.120273	0.220482	-4.53551	0.014569	0.0672439	-14.8712
cg15207993	S100A13;S100A13;S100A13;S100A13;S100A13	0.0289671	0.713208	1.09557	1.09557	0.140557	1.47988	1.47988	0.00669102	0.419061	-2.38629	0.882792	1.03715	1.03715	0.0155589	0.480209	-2.08243
cg02573566	S100A13;S100A13;S100A13;S100A13;S100A1;S100A13;S100A13	0.00139257	0.953351	0.982639	-1.01767	0.000263225	6.02004	6.02004	0.154464	1.5782	1.5782	0.0323605	2.11715	2.11715	0.284787	1.39461	1.39461
cg00012362	S100A13;S100A13;S100A13;S100A13;S100A1;S100A13;S100A13	0.00825414	0.901733	1.04924	1.04924	0.00314198	4.81205	4.81205	0.259463	1.5806	1.5806	0.0664327	2.22791	2.22791	0.618542	1.21573	1.21573
cg11343894	S100A13;S100A13;S100A13;S100A13;S100A1;S100A13;S100A13	0.025199	0.453001	2.0003	2.0003	0.00792486	21.9342	21.9342	0.154292	3.98659	3.98659	0.104009	5.01289	5.01289	0.513343	1.82424	1.82424
cg13946767	S100A13;S100A13;S100A13;S100A13;S100A1;S100A13;S100A13	0.0291845	0.27215	2.43697	2.43697	0.0138554	10.6959	10.6959	0.0901772	4.28562	4.28562	0.0775214	4.61398	4.61398	0.0950991	4.17544	4.17544
cg06419659	S100A13;S100A13;S100A13;S100A1;S100A13;S100A13	0.00652172	0.77587	1.27306	1.27306	0.00424687	25.4476	25.4476	0.0433432	7.13805	7.13805	0.015672	12.2487	12.2487	0.140015	3.83034	3.83034
cg07898899	S100A13;S100A13;S100A13;S100A1;S100A13;S100A13	0.0379682	0.3098	2.98904	2.98904	0.0295228	14.4396	14.4396	0.0601955	9.10146	9.10146	0.0270783	15.2759	15.2759	0.119344	5.81759	5.81759
cg04077668	S100A13;S100A13;S100A13;S100A1;S100A13;S100A13;S100A13	0.00650335	0.614678	0.807733	-1.23803	0.00254254	5.82269	5.82269	0.0352566	2.80532	2.80532	0.0925907	2.17836	2.17836	0.571866	1.27164	1.27164
cg02331910	S100A13;S100A13;S100A1;S100A13;S100A13;S100A13	0.0059863	0.393687	1.85021	1.85021	0.00243797	19.5065	19.5065	0.0456379	5.02261	5.02261	0.0811798	3.90222	3.90222	0.157858	2.89631	2.89631
cg26010099	S100A14	0.00197536	0.0296198	0.64383	-1.55321	0.2894	1.20815	1.20815	0.0046708	0.523749	-1.90931	0.122542	0.749965	-1.3334	0.0317571	0.648661	-1.54164
cg16348003	S100A14	0.0431773	0.0378926	0.298533	-3.34971	0.403541	0.656524	-1.52317	0.200666	0.512398	-1.95161	0.111592	2.36659	2.36659	0.0281196	0.270847	-3.69213
cg12274898	S100A16	4.09E-05	0.439917	0.906298	-1.10339	0.714652	0.95517	-1.04693	0.00239274	0.589434	-1.69654	0.960205	0.993787	-1.00625	1.33E-06	0.213081	-4.69304
cg06213626	S100A16	0.00163718	0.0650828	0.739012	-1.35316	0.238991	1.1973	1.1973	0.186753	1.22674	1.22674	0.425712	1.12611	1.12611	4.55E-05	0.324357	-3.08302
cg24843511	S100A16	0.0144475	0.0660874	0.723391	-1.38238	0.0828662	1.35205	1.35205	0.188112	0.803283	-1.24489	0.851986	0.97109	-1.02977	0.00922732	0.595089	-1.68042
cg15840660	S100A16	0.0415524	0.425692	0.868396	-1.15155	0.0210955	0.618071	-1.61794	0.610023	1.09333	1.09333	0.848109	0.967284	-1.03382	0.847979	1.03385	1.03385
cg00647881	S100A2	0.0395881	0.0493108	0.736795	-1.35723	0.00350144	0.583195	-1.71469	0.0639753	0.753202	-1.32767	0.99728	0.999536	-1.00046	0.0491585	0.736603	-1.35758
cg15026767	S100A3	3.51E-05	0.00180374	0.554399	-1.80375	1.01E-06	0.181692	-5.50381	2.69E-05	0.332231	-3.00995	0.00508917	0.611356	-1.63571	0.000645689	0.498752	-2.005
cg09680007	S100A3	0.0237634	0.0157793	0.193354	-5.17186	0.0644228	0.315312	-3.17146	0.0116664	0.173591	-5.76068	0.0547915	0.298163	-3.35387	0.00619394	0.13765	-7.26481
cg07426848	S100A3;S100A3	0.00153745	0.00460592	0.289233	-3.45742	0.00266471	0.254942	-3.92247	0.000981556	0.19944	-5.01404	0.00367567	0.274746	-3.63973	0.000609022	0.175935	-5.68391
cg07587610	S100A4;S100A4	0.0141037	0.00887438	0.272569	-3.66879	0.0104834	0.28442	-3.51593	0.085462	0.476153	-2.10016	0.0724512	0.457344	-2.18654	0.00217621	0.186646	-5.35774
cg23048494	S100A4;S100A4	0.0290772	0.202304	0.72249	-1.3841	0.483829	0.842137	-1.18745	0.0012278	0.319316	-3.1317	0.131951	0.67529	-1.48084	0.0255667	0.526997	-1.89754
cg17250929	S100A5	0.00146457	0.186229	0.732321	-1.36552	0.490155	1.16863	1.16863	0.00887986	0.476978	-2.09653	0.561881	0.877762	-1.13926	6.62E-05	0.196608	-5.08627
cg19808620	S100A5	0.00248969	0.249814	0.53572	-1.86665	0.00832561	0.173741	-5.75568	0.0523555	0.318198	-3.1427	0.0633677	0.338404	-2.95505	0.00101921	0.0798125	-12.5294
cg00002646	S100A5	0.00304793	0.00120355	0.180024	-5.55482	0.208198	0.618975	-1.61557	0.00126133	0.182373	-5.48326	0.00503445	0.261533	-3.82361	0.000961472	0.169055	-5.91524
cg21217846	S100A5	0.0153665	0.0626057	0.545119	-1.83446	0.0468372	0.517395	-1.93276	0.0121561	0.404543	-2.47193	0.27422	1.3902	1.3902	0.00471068	0.337079	-2.96667
cg07044523	S100A5	0.03966	0.38463	1.31062	1.31062	0.786259	0.920827	-1.08598	0.194538	0.659381	-1.51657	0.00369856	0.304103	-3.28836	0.174545	0.645157	-1.55001
cg16564710	S100A6	0.00751313	0.129093	1.26723	1.26723	0.964536	0.9936	-1.00644	0.0005303	2.17973	2.17973	0.24359	0.838457	-1.19267	0.735171	1.05025	1.05025
cg00419564	S100A6	0.0116649	0.0556432	0.66106	-1.51272	0.00487829	0.49057	-2.03845	0.671257	0.92175	-1.08489	0.232718	0.787538	-1.26978	0.020183	0.585836	-1.70696
cg22792473	S100A6	0.0168654	0.46084	0.865813	-1.15498	0.595151	0.902194	-1.10841	0.122415	0.725235	-1.37886	0.656208	0.917609	-1.08979	0.101025	0.708464	-1.41151
cg04998420	S100A6;S100A6	0.000492951	0.025021	0.653032	-1.53132	0.526406	0.902499	-1.10803	0.167103	0.790268	-1.26539	0.284257	0.837128	-1.19456	3.52E-05	0.278995	-3.58429
cg01434197	S100A6;S100A6	0.00166093	0.98756	1.00444	1.00444	0.679392	1.12523	1.12523	5.89E-05	8.26001	8.26001	0.642356	0.87566	-1.142	0.297764	0.736059	-1.35859
cg06872500	S100A6;S100A6	0.00208839	0.111675	0.448166	-2.23132	0.306791	1.61768	1.61768	9.24E-05	52.8019	52.8019	0.592736	0.784105	-1.27534	0.204215	0.541485	-1.84677
cg20672465	S100A6;S100A6	0.00240871	0.774314	0.900143	-1.11093	0.817605	1.08821	1.08821	0.126418	1.83131	1.83131	3.12E-05	0.0511737	-19.5413	0.972383	0.987412	-1.01275
cg13112903	S100A6;S100A6	0.00535131	0.26939	0.522573	-1.91361	0.586678	1.36307	1.36307	0.00047839	22.0408	22.0408	0.092971	0.352441	-2.83736	?	?	?
cg09413557	S100A6;S100A6	0.010004	0.0847768	0.83402	-1.19901	0.00400125	0.691917	-1.44526	0.191967	0.876769	-1.14055	0.207047	0.881002	-1.13507	0.867576	0.984236	-1.01602
cg00325910	S100A7	0.000321741	0.00235249	0.258372	-3.87039	0.000460905	0.172412	-5.80007	0.00296108	0.27232	-3.67215	0.00416386	0.293873	-3.40283	0.000220442	0.140464	-7.11925
cg17421062	S100A7	0.00529092	0.00138959	0.144172	-6.93615	0.00601838	0.223109	-4.48212	0.0379948	0.365858	-2.7333	0.0497109	0.392301	-2.54906	0.0568485	0.406204	-2.46181
cg02892624	S100A7	0.0323149	0.0422893	0.249038	-4.01545	0.00595339	0.117975	-8.4764	0.0601083	0.283551	-3.5267	0.0726511	0.304151	-3.28784	0.133519	0.382193	-2.61648
cg17496887	S100A7A	3.20E-05	0.0854661	0.730637	-1.36867	0.043647	1.46653	1.46653	0.648188	0.926968	-1.07879	8.88E-05	0.313903	-3.1857	2.96E-05	0.259023	-3.86067
cg21107767	S100A7A	0.00225684	0.00263289	0.224662	-4.45113	0.000587765	0.148838	-6.71869	0.0438694	0.435708	-2.29511	0.205162	0.61912	-1.6152	0.00581253	0.27372	-3.65337
cg22933439	S100A7A	0.00297532	0.0043732	0.262763	-3.80572	0.000642672	0.158951	-6.29123	0.00481275	0.268902	-3.71882	0.102133	0.533581	-1.87413	0.00108805	0.18404	-5.4336
cg24255159	S100A7A	0.00418971	0.00413234	0.113778	-8.78903	0.00284076	0.0980561	-10.1982	0.058739	0.299187	-3.34239	0.110338	0.374006	-2.67375	0.0202225	0.205412	-4.86826
cg11790580	S100A7A	0.0180975	0.0118466	0.190946	-5.23707	0.00388796	0.128886	-7.75879	0.165782	0.458918	-2.17904	0.357996	0.607669	-1.64563	0.010991	0.186118	-5.37294
cg24537121	S100A7L2	3.03E-05	0.00206059	0.500197	-1.99921	0.982413	0.996488	-1.00352	0.000131838	0.346919	-2.88252	0.699689	0.940012	-1.06382	6.55E-07	0.114568	-8.72845
cg05400869	S100A7L2	0.0160347	0.0448823	0.253071	-3.95146	0.00355127	0.0884443	-11.3065	0.0490491	0.261841	-3.81912	0.363601	1.72909	1.72909	0.0171848	0.17372	-5.75639
cg13356175	S100A7L2	0.017475	0.00917764	0.0655299	-15.2602	0.0149381	0.0849775	-11.7678	0.0580238	0.171189	-5.84151	0.0790094	0.200578	-4.98559	0.00631873	0.0534316	-18.7155
cg27441409	S100A7L2	0.0304771	0.0743879	0.192474	-5.19551	0.0226602	0.10417	-9.59967	0.0308564	0.122282	-8.17785	0.756946	1.29347	1.29347	0.0054846	0.0484681	-20.6321
cg03261155	S100A7L2	0.0385179	0.0283458	0.179644	-5.56658	0.0221739	0.162195	-6.16543	0.106755	0.310959	-3.21585	0.645203	0.735262	-1.36006	0.0236043	0.166481	-6.00669
cg20335425	S100A8	4.51E-06	1.67E-06	0.0823791	-12.139	0.00021893	0.277963	-3.5976	0.000251914	0.285344	-3.50454	5.60E-05	0.210956	-4.74033	1.36E-06	0.0769837	-12.9898
cg01431057	S100A8	8.76E-05	0.000236518	0.230572	-4.33705	0.939086	0.981761	-1.01858	0.000605297	0.2799	-3.5727	1.06E-05	0.103704	-9.64286	0.0939542	0.641756	-1.55822
cg09174555	S100A8	0.000381033	0.000542749	0.13254	-7.54489	8.83E-05	0.0713577	-14.0139	0.00446093	0.240366	-4.16032	0.00782593	0.277209	-3.60739	0.0114878	0.304688	-3.28205
cg20256009	S100A8	0.00108217	0.000285473	0.0513721	-19.4658	0.0154732	0.225739	-4.42989	0.0179421	0.236655	-4.22556	0.00715221	0.17546	-5.6993	0.007696	0.179796	-5.56185
cg20070090	S100A8	0.0297972	0.00495674	0.0875813	-11.418	0.97335	1.02211	1.02211	0.0880504	0.291682	-3.42839	0.0166354	0.147497	-6.77979	0.0263349	0.178317	-5.60798
cg11787791	S100A9	2.89E-05	0.000378157	0.465819	-2.14675	0.246721	1.17692	1.17692	0.000229414	0.439119	-2.27729	0.00496854	0.606436	-1.64898	3.27E-05	0.337814	-2.96021
cg06355720	S100A9	0.000352797	0.050177	0.603908	-1.65588	0.000901574	0.325638	-3.07089	5.16E-05	0.180696	-5.53416	0.000478947	0.290002	-3.44825	0.000149211	0.22954	-4.35655
cg16139316	S100A9	0.000706182	0.40004	0.857329	-1.16641	0.000723327	0.398953	-2.50656	0.00016383	0.317078	-3.1538	0.065573	0.69124	-1.44668	0.000547993	0.383159	-2.60988
cg03165378	S100A9	0.000915118	0.240933	0.800995	-1.24845	0.590418	1.1032	1.1032	0.0203274	0.603148	-1.65797	0.327572	0.833039	-1.20042	0.957954	1.00958	1.00958
cg23092820	S100A9	0.00123229	0.0441781	0.586433	-1.70523	0.83125	0.951931	-1.0505	0.347024	0.799689	-1.25049	0.00436253	0.415157	-2.40873	0.17213	0.714978	-1.39864
cg23277715	S100A9	0.00487444	0.221949	0.723277	-1.3826	0.581148	1.151	1.151	0.17119	0.692327	-1.44441	0.00293854	0.356703	-2.80345	0.313533	0.768692	-1.30091
cg03514239	S100A9	0.00689259	0.00429639	0.418075	-2.39191	0.203343	0.735911	-1.35886	0.00136717	0.346112	-2.88923	0.0231709	0.537976	-1.85882	0.0256515	0.545878	-1.83191
cg02711163	S100A9	0.0112492	0.441866	0.813541	-1.22919	0.355047	0.77852	-1.28449	0.00881819	0.415823	-2.40487	0.0738411	0.591947	-1.68934	0.280192	0.744233	-1.34366
cg05848175	S100A9	0.0457174	0.132595	0.547426	-1.82673	0.341601	1.43882	1.43882	0.489855	0.770715	-1.2975	0.185027	0.593394	-1.68522	0.0595723	0.454101	-2.20215
cg26937038	S100A9	0.0462674	0.0175098	0.373983	-2.67392	0.408663	0.750177	-1.33302	0.0803731	0.516992	-1.93426	0.0240924	0.400516	-2.49678	0.0160716	0.367109	-2.72399
cg25286012	S100A9	0.0486972	0.0770715	0.287933	-3.47303	0.307279	0.512035	-1.95299	0.0402606	0.222958	-4.48515	0.75966	0.823379	-1.21451	0.0350595	0.211135	-4.7363
cg00621197	S100B	0.00144481	0.0758911	0.625514	-1.59869	0.967064	1.00985	1.00985	0.0126314	2.08842	2.08842	0.846794	1.04701	1.04701	0.00016845	0.218594	-4.5747
cg12092309	S100B	0.00930053	0.051743	2.35163	2.35163	0.103587	1.9889	1.9889	0.0019507	0.184134	-5.43082	0.133586	1.86824	1.86824	0.0279336	0.366676	-2.72721
cg10382494	S100B	0.0104681	0.0122179	0.360703	-2.77236	0.33966	0.725117	-1.37909	0.112571	0.568826	-1.75801	0.215471	0.653238	-1.53084	0.000373756	0.155897	-6.4145
cg19434199	S100B	0.0134808	0.0776005	0.384566	-2.60034	0.80947	0.888978	-1.12489	0.351318	1.59572	1.59572	0.751541	0.856632	-1.16736	0.000648678	0.0782173	-12.7849
cg14900031	S100P	0.000131756	0.00154851	0.650839	-1.53648	0.250908	1.11985	1.11985	2.63E-06	0.343527	-2.91098	0.0453242	0.805223	-1.24189	0.013275	0.748617	-1.3358
cg27027375	S100P	0.00126384	0.440882	0.854923	-1.1697	0.0397754	0.622457	-1.60654	0.000248695	0.299405	-3.33995	0.883646	0.971217	-1.02964	0.00260394	0.435254	-2.29751
cg07210669	S100P	0.00700411	0.0172786	0.222751	-4.48931	0.186483	0.484233	-2.06512	0.0244071	0.249385	-4.00986	0.0176245	0.224209	-4.46013	0.00286912	0.119562	-8.36383
cg02104700	S100P	0.00796419	0.0160405	0.510875	-1.95742	0.521916	0.862511	-1.15941	0.164066	0.712942	-1.40264	0.280998	0.774654	-1.2909	0.000169287	0.232743	-4.29659
cg22266967	S100P	0.0133149	0.0222924	0.457561	-2.1855	0.128972	0.626049	-1.59732	0.0181254	0.440797	-2.26862	0.0286915	0.478707	-2.08896	0.00101134	0.248502	-4.02411
cg14140379	S100P	0.0265051	0.330302	0.827622	-1.20828	0.663105	1.08606	1.08606	0.623714	1.0976	1.0976	0.193241	0.771588	-1.29603	0.0435092	0.645836	-1.54838
cg26233331	S100P;S100P	0.0138696	0.157519	0.63363	-1.57821	0.0175482	0.417893	-2.39296	0.101873	0.582413	-1.71699	0.0525595	0.514074	-1.94525	0.000684605	0.208905	-4.78687
ch.1.1079286F	S100PBP;S100PBP	0.0172351	0.0184257	0.26729	-3.74126	?	?	?	0.0508241	0.358185	-2.79185	0.000596268	0.0866942	-11.5348	0.546738	0.754701	-1.32503
cg04234170	S100PBP;YARS;S100PBP	0.00685071	0.675786	1.09086	1.09086	0.0121153	1.9092	1.9092	0.500944	1.15171	1.15171	0.135201	0.71679	-1.39511	0.574974	0.889455	-1.12428
cg00959725	S100PBP;YARS;YARS;S100PBP	0.015992	0.280859	0.80647	-1.23997	0.310151	1.22326	1.22326	0.161539	1.33226	1.33226	0.680378	0.92359	-1.08273	0.541746	0.888227	-1.12584
cg16370863	S100Z	0.00043349	8.86E-05	0.457137	-2.18753	0.0841842	0.808133	-1.23742	0.00269747	0.62987	-1.58763	0.1724	0.850496	-1.17578	0.0605264	0.7898	-1.26614
cg20664638	S100Z	0.000770076	0.00183199	0.394699	-2.53358	0.00074721	0.341488	-2.92836	0.000870274	0.350295	-2.85474	0.0187263	0.549758	-1.81898	0.00144007	0.380084	-2.631
cg08315421	S100Z	0.0145253	0.330117	0.807985	-1.23765	0.153067	1.3835	1.3835	0.753932	0.935464	-1.06899	0.3283	0.807295	-1.2387	0.000651664	0.329921	-3.03102
cg20166532	S1PR1	0.00790566	0.246824	1.20285	1.20285	0.00411114	1.79871	1.79871	0.229804	0.825164	-1.21188	0.099024	0.75894	-1.31763	0.742803	1.0515	1.0515
cg21385047	S1PR1	0.0155514	0.839467	1.04121	1.04121	0.0575905	1.5334	1.5334	0.272723	1.25516	1.25516	0.806408	0.952295	-1.05009	0.00550732	0.483635	-2.06767
cg23978968	S1PR1	0.0259634	0.062415	2.9312	2.9312	0.0321875	3.61999	3.61999	0.12481	2.34438	2.34438	0.0691384	2.83702	2.83702	0.00987787	5.32131	5.32131
cg09704448	S1PR2	3.50E-05	0.00348922	0.531289	-1.88221	0.887742	0.977714	-1.02279	0.0608112	0.713734	-1.40108	0.30844	1.18319	1.18319	4.62E-06	0.186914	-5.35006
cg27429799	S1PR2	0.000261695	0.149144	0.801223	-1.24809	0.466508	0.899285	-1.11199	0.958612	0.992593	-1.00746	0.270618	1.17859	1.17859	0.0204684	0.670263	-1.49195
cg21893394	S1PR2	0.00582898	0.664568	1.02929	1.02929	0.0599669	0.869007	-1.15074	0.0161044	0.822971	-1.21511	0.0347308	1.17687	1.17687	0.44555	0.949852	-1.0528
cg00318084	S1PR2	0.0146991	0.229639	0.796942	-1.2548	0.0431525	1.52033	1.52033	0.638527	0.918329	-1.08893	0.778764	0.950551	-1.05202	0.00139234	0.434275	-2.30269
cg00775777	S1PR2	0.0245938	0.0619344	0.676122	-1.47902	0.0366113	0.636232	-1.57175	0.00607659	0.513246	-1.94838	0.0994204	1.3997	1.3997	0.0358508	0.634687	-1.57558
cg06716436	S1PR2	0.0273013	0.0678614	0.742861	-1.34615	0.892009	0.980452	-1.01994	0.17151	1.23562	1.23562	0.140989	0.79444	-1.25875	0.0021203	0.533762	-1.8735
cg13565138	S1PR3	0.039292	0.0431283	0.33069	-3.02398	0.072594	0.385722	-2.59254	0.0498228	0.345085	-2.89784	0.631429	0.794648	-1.25842	0.00645867	0.185599	-5.38796
cg27121758	S1PR4	0.000298265	0.0240443	0.49349	-2.02638	0.000435065	0.232385	-4.3032	0.000149769	0.181065	-5.52286	0.00403182	0.362899	-2.75558	0.000666362	0.254908	-3.92299
cg17518965	S1PR4	0.000885044	0.0216517	0.341764	-2.92599	0.0137768	0.305575	-3.27252	0.0121841	0.296304	-3.37492	0.0607448	0.439022	-2.27779	0.000300946	0.101381	-9.86377
cg20583073	S1PR4	0.00124566	0.00443037	0.238959	-4.18482	0.000895457	0.15344	-6.51721	0.0058838	0.257031	-3.89058	0.0156626	0.327347	-3.05486	0.00186271	0.189367	-5.28076
cg20695297	S1PR4	0.00240933	0.00640757	0.131527	-7.60302	0.00337187	0.102221	-9.7827	0.051124	0.280707	-3.56243	0.0505258	0.279537	-3.57735	0.000745441	0.0535336	-18.6799
cg02996471	S1PR4	0.0115668	0.0378395	0.182775	-5.47121	0.108752	0.290977	-3.4367	0.04293	0.193177	-5.17659	0.0553064	0.215858	-4.63268	0.00320666	0.058483	-17.099
cg03684062	S1PR4	0.0142204	0.3657	0.811794	-1.23184	0.0423272	0.591761	-1.68987	0.00766122	0.46349	-2.15755	0.211301	0.744192	-1.34374	0.269001	1.2947	1.2947
cg20781880	S1PR4	0.0182908	0.265288	0.771087	-1.29687	0.939545	1.01713	1.01713	0.0951098	0.663213	-1.50781	0.443676	0.839563	-1.1911	0.234735	1.32167	1.32167
cg02716776	S1PR4	0.0190746	0.23877	0.369387	-2.70719	0.135506	0.2729	-3.66435	0.0144907	0.0879069	-11.3757	0.119871	0.256142	-3.90408	0.00582738	0.0542352	-18.4382
cg04490178	S1PR4	0.0352798	0.645353	0.879239	-1.13735	0.0207402	2.16685	2.16685	0.683101	0.892267	-1.12074	0.971342	0.990073	-1.01003	0.00949877	0.401511	-2.49059
cg26918756	S1PR5;S1PR5	0.0379148	0.115285	0.35861	-2.78855	0.0485152	0.259274	-3.85692	0.857917	0.898229	-1.1133	0.95229	0.964798	-1.03649	0.0121451	0.15378	-6.50278
cg07561507	S1PR5;S1PR5;S1PR5	0.0115266	0.19514	0.787777	-1.2694	0.100791	0.731331	-1.36737	0.106382	0.73569	-1.35927	0.00265544	0.484982	-2.06193	0.643495	0.922071	-1.08451
cg06522679	SAA1;SAA1	4.11E-05	0.0282353	0.562244	-1.77859	0.0875247	1.5208	1.5208	0.0235909	0.548343	-1.82368	0.000312045	0.27267	-3.66743	1.12E-05	0.125371	-7.97634
cg03968436	SAA1;SAA1	0.000594893	0.000119778	0.360909	-2.77078	0.994893	0.999031	-1.00097	7.69E-05	0.337707	-2.96114	0.562071	1.0929	1.0929	0.00313611	0.542265	-1.84412
cg14742715	SAA1;SAA1	0.00547503	0.000263603	0.273777	-3.65261	0.180754	0.735588	-1.35946	0.00161109	0.37636	-2.65703	0.173983	0.731595	-1.36688	0.203975	0.748492	-1.33602
cg24015472	SAA1;SAA1	0.0126486	0.179678	0.703752	-1.42096	0.00774919	0.430363	-2.32362	0.00506563	0.401085	-2.49324	0.00254294	0.356124	-2.80801	0.19731	0.714624	-1.39934
cg20536209	SAA1;SAA1	0.0464284	0.00689224	0.34682	-2.88334	0.838207	0.939981	-1.06385	0.169532	0.642099	-1.55739	0.0151132	2.46895	2.46895	0.727372	0.899464	-1.11177
cg21503330	SAA1;SAA1;SAA1;SAA1	0.00975465	0.014364	0.504496	-1.98218	0.940319	1.01712	1.01712	0.00222332	0.378529	-2.6418	0.322699	1.2606	1.2606	0.00160177	0.358352	-2.79055
cg17310354	SAA2	0.0148263	0.0637588	1.53726	1.53726	0.00315214	0.434944	-2.29915	0.00947163	0.507453	-1.97063	0.477512	1.16069	1.16069	0.11616	1.42233	1.42233
cg12710552	SAA2;SAA2	0.000322234	0.137311	1.59921	1.59921	0.00804045	0.369297	-2.70785	0.00197687	0.277398	-3.60492	0.276079	1.39429	1.39429	0.000344386	0.184501	-5.42002
cg09914480	SAA2;SAA2	0.00282674	0.0194171	0.365104	-2.73894	0.762157	0.897429	-1.11429	0.01034	0.316095	-3.16361	0.249898	0.651351	-1.53527	0.0148798	0.343718	-2.90936
cg01243586	SAA2;SAA2	0.00309146	0.215531	1.299	1.299	0.00130713	0.39095	-2.55787	0.219284	0.771629	-1.29596	0.578452	1.11923	1.11923	0.00683943	0.495101	-2.01979
cg03687333	SAA2;SAA2	0.0184964	0.331583	1.21663	1.21663	0.0479597	0.642389	-1.55669	0.07497	0.678294	-1.47429	0.033247	1.62766	1.62766	0.601908	1.10852	1.10852
cg18294610	SAA3P	0.00555684	0.0427896	0.547459	-1.82662	0.356538	0.782694	-1.27764	0.00306629	0.350788	-2.85073	0.00884603	0.422723	-2.36561	0.0014821	0.305862	-3.26945
cg01754041	SAA3P	0.0146062	0.0279552	0.529137	-1.88987	0.164172	1.43884	1.43884	0.0837513	1.59852	1.59852	0.0322868	0.540931	-1.84866	0.059431	0.593621	-1.68458
cg07649586	SAA3P	0.0412109	0.171121	1.33752	1.33752	0.025869	1.69546	1.69546	0.835619	0.959382	-1.04234	0.0339812	0.610209	-1.63878	0.374682	1.19943	1.19943
cg04334121	SAA4	0.000126419	0.0356017	0.73435	-1.36175	0.818925	0.97147	-1.02937	0.00393374	0.612783	-1.6319	0.000804906	0.528157	-1.89338	3.20E-06	0.248331	-4.02688
cg22288982	SAA4	0.000211962	0.31896	1.39366	1.39366	0.0100587	0.351033	-2.84874	0.0137974	0.374957	-2.66697	0.00124815	0.218799	-4.5704	6.63E-05	0.0946648	-10.5636
cg20357397	SAA4	0.0203825	0.0148746	0.249647	-4.00566	0.0183813	0.265734	-3.76316	0.0397139	0.332318	-3.00916	0.0256201	0.292785	-3.41548	0.00560118	0.185437	-5.39266
cg22587758	SAA4;SAA4	0.0235732	0.0119752	0.240884	-4.15138	0.367422	0.656796	-1.52254	0.0159698	0.261972	-3.8172	0.0801354	0.414163	-2.41451	0.0444198	0.350577	-2.85244
cg11585955	SAAL1	0.0490795	0.754649	0.972156	-1.02864	0.00583284	0.722395	-1.38428	0.921	1.00898	1.00898	0.913764	0.99029	-1.00981	0.139832	1.15385	1.15385
cg07723217	SAC3D1	0.0487681	0.150166	0.695516	-1.43778	0.804618	0.943326	-1.06008	0.50858	1.171	1.171	0.786371	0.938054	-1.06604	0.0323559	0.554432	-1.80365
cg17268932	SAC3D1;SAC3D1	0.000933818	4.72E-05	0.0655769	-15.2493	0.0373583	0.454623	-2.19962	0.0606159	0.503113	-1.98762	0.383806	0.751513	-1.33065	0.489156	1.25162	1.25162
cg00256745	SAC3D1;SAC3D1	0.0120525	0.878365	0.977399	-1.02312	0.0723208	1.34899	1.34899	0.249776	1.19666	1.19666	0.740382	1.05089	1.05089	0.00112606	0.488893	-2.04544
cg03912013	SACM1L	0.0068991	0.125961	0.839555	-1.19111	0.247553	1.1362	1.1362	0.0052282	1.4757	1.4757	0.975602	1.00324	1.00324	0.901884	0.987058	-1.01311
cg04837898	SACM1L	0.014303	0.00291606	0.593269	-1.68558	0.0892716	0.787266	-1.27022	0.405173	0.896983	-1.11485	0.662275	1.05771	1.05771	0.47052	0.910547	-1.09824
cg27293306	SACM1L	0.0151881	0.559948	0.959626	-1.04207	0.0657036	1.15534	1.15534	0.544742	1.04379	1.04379	0.00621696	0.779276	-1.28324	0.0167829	0.81542	-1.22636
cg08683180	SACM1L	0.0184146	0.329505	0.821378	-1.21747	0.036461	1.60865	1.60865	0.0480258	1.5557	1.5557	0.0521394	0.649244	-1.54025	0.860879	0.966281	-1.0349
cg14415034	SACM1L	0.0243699	0.343624	1.21598	1.21598	0.686744	1.08466	1.08466	0.474288	1.15704	1.15704	0.666787	0.916835	-1.09071	0.277807	0.797541	-1.25385

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06121507	0.127256	0.564564	-1.77128	3.11E-06	0.0215241	-46.4596	0.000690436	0.166013	-6.02361	0.0128269	0.342528	-2.91947	19.1933	36.529	1.69175	1
cg15108991	0.75332	0.962528	-1.03893	0.00213187	1.68676	1.68676	0.0634148	0.776568	-1.28772	0.736372	1.04178	1.04178	10.9041	2.53443	0.206602	1
cg26808583	0.0138982	0.146753	-6.81417	0.00341366	0.0810755	-12.3342	0.00474771	0.093676	-10.6751	0.0963331	0.315706	-3.1675	5.48546	34.6393	5.61312	1
cg05921170	0.224558	0.318373	-3.14097	0.00210455	0.0206457	-48.4362	0.0680806	0.159924	-6.25299	0.0768202	0.171106	-5.84432	4.91566	62.663	11.3312	1
cg15207993	0.308283	0.770491	-1.29787	0.0299588	1.8802	1.8802	0.790279	1.06812	1.06812	0.4604	0.830424	-1.2042	4.13789	4.00614	0.860587	1
cg02573566	0.00715905	2.82799	2.82799	0.0496554	1.95499	1.95499	0.000108574	7.70438	7.70438	0.0054196	2.99098	2.99098	10.7059	15.1955	1.26166	1
cg00012362	0.00649355	3.96206	3.96206	0.844327	1.07951	1.07951	0.000855133	7.02403	7.02403	0.0126016	3.34415	3.34415	6.28196	15.0675	2.13204	1
cg11343894	0.0308928	9.95932	9.95932	0.00466158	30.3337	30.3337	0.0109205	18.126	18.126	0.0257849	11.0342	11.0342	4.34523	56.6003	11.5785	1
cg13946767	0.0361648	6.67644	6.67644	0.0051978	17.71	17.71	0.0119301	11.5304	11.5304	0.0250159	7.98804	7.98804	4.12696	39.6932	8.54935	1
cg06419659	0.019491	10.8942	10.8942	0.00126715	53.4263	53.4263	0.0016489	45.1658	45.1658	0.0464789	6.88093	6.88093	6.76237	76.6166	10.071	1
cg07898899	0.0382845	12.1983	12.1983	0.0215871	17.7174	17.7174	0.00608187	41.7459	41.7459	0.048683	10.4416	10.4416	3.75429	64.5366	15.2801	1
cg04077668	0.010833	3.84249	3.84249	0.00558151	4.62333	4.62333	0.000925923	8.01056	8.01056	0.103488	2.11502	2.11502	6.76829	18.9685	2.49116	1
cg02331910	0.025071	6.53313	6.53313	0.00108113	29.9171	29.9171	0.00218421	20.6317	20.6317	0.00742511	11.3413	11.3413	6.94406	54.5452	6.98217	1
cg26010099	0.521763	0.894356	-1.11812	0.000157724	3.03863	3.03863	0.200831	0.792696	-1.26152	0.76601	0.949977	-1.05266	9.67678	4.53136	0.416241	1
cg16348003	0.499067	1.40128	1.40128	0.0540299	2.98738	2.98738	0.0342977	0.289018	-3.45999	0.564547	0.751132	-1.33132	3.90163	14.557	2.90189	1
cg12274898	3.05E-05	0.36141	-2.76694	0.186681	1.19106	1.19106	0.00196526	0.578975	-1.72719	0.00566874	0.635509	-1.57354	28.0729	6.93682	0.219645	1
cg06213626	0.954181	0.991645	-1.00843	0.173476	0.809392	-1.2355	0.00380669	0.565606	-1.76802	0.155085	0.800771	-1.2488	10.2184	3.45065	0.300168	1
cg24843511	0.0121941	0.612294	-1.6332	0.00981581	1.66977	1.66977	0.488897	0.895458	-1.11675	0.689254	0.938822	-1.06516	5.24528	2.04918	0.347264	1
cg15840660	0.105699	1.35876	1.35876	0.00367273	1.97648	1.97648	0.729007	0.941452	-1.06219	0.523282	0.893851	-1.11876	3.63171	1.73083	0.423634	1
cg00647881	0.886811	1.01958	1.01958	0.22822	1.18788	1.18788	0.338287	0.87426	-1.14382	0.0946177	0.778715	-1.28417	3.6972	1.0852	0.260907	1
cg15026767	0.0684498	0.762543	-1.3114	0.00328124	0.587142	-1.70317	0.000299725	0.457628	-2.18518	0.013698	0.666884	-1.49951	29.2185	8.17359	0.248658	1
cg09680007	0.0505795	0.290047	-3.44771	0.00990487	0.163621	-6.11169	0.0559373	0.3003	-3.33	0.0829082	0.34413	-2.90588	4.43458	21.6765	4.34495	1
cg07426848	0.0417837	0.462106	-2.16401	0.00458315	0.28891	-3.46129	0.00316529	0.265419	-3.76763	0.00229555	0.246089	-4.06357	10.4054	17.8357	1.52362	1
cg07587610	0.0350407	0.383442	-2.60795	0.246675	0.623247	-1.6045	0.00527573	0.237986	-4.20192	0.0848985	0.475383	-2.10357	5.28704	12.7557	2.14456	1
cg23048494	0.205331	0.72423	-1.38078	0.183768	1.40567	1.40567	0.211257	0.727585	-1.37441	0.173686	0.705036	-1.41837	4.13234	3.81588	0.820816	1
cg17250929	0.700167	1.08983	1.08983	0.036608	1.71588	1.71588	0.109503	0.678476	-1.47389	0.0032753	0.410251	-2.43753	10.5519	8.25909	0.695742	1
cg19808620	0.0319844	0.271426	-3.68424	8.30E-05	0.0252913	-39.5394	0.352072	0.608365	-1.64375	0.071762	0.352288	-2.83859	9.04303	38.5728	3.79153	1
cg00002646	0.0113582	0.317987	-3.14479	0.00615143	0.27469	-3.64046	0.0591139	0.462824	-2.16065	0.0673556	0.476611	-2.09815	8.51795	17.6312	1.8399	1
cg21217846	0.0580385	0.537735	-1.85965	0.0064507	0.35854	-2.78909	0.0458638	0.515445	-1.94007	0.0519918	0.527199	-1.89682	5.13947	6.82513	1.18043	1
cg07044523	0.0480748	0.50376	-1.98507	0.233677	1.46068	1.46068	0.268002	1.41926	1.41926	0.0995761	0.578246	-1.72937	3.69473	5.38871	1.29643	1
cg16564710	0.010407	1.59343	1.59343	0.0392236	0.708548	-1.41134	0.332819	0.865655	-1.15519	0.568073	0.92005	-1.0869	6.47046	2.13709	0.293586	1
cg00419564	0.743642	1.06464	1.06464	0.0012032	0.404422	-2.47266	0.0143369	0.562008	-1.77933	0.0437446	0.642477	-1.55648	5.62488	3.24519	0.51283	1
cg22792473	0.688107	1.08052	1.08052	0.0101372	0.536642	-1.86344	0.00153012	2.3996	2.3996	0.953666	1.01121	1.01121	4.98271	2.90646	0.518497	1
cg04998420	0.000702681	2.28323	2.28323	0.0128134	0.610149	-1.63894	0.0128299	0.61023	-1.63873	0.0513991	0.70155	-1.42541	14.3469	5.80362	0.359574	1
cg01434197	0.857121	0.950122	-1.0525	0.00162104	0.277315	-3.60601	0.911463	0.968915	-1.03208	0.676881	0.887827	-1.12635	10.176	12.99	1.1347	1
cg06872500	0.855087	0.921171	-1.08557	0.0169344	0.244057	-4.0974	?	?	?	0.553689	1.31007	1.31007	14.5946	39.4415	2.02685	1
cg20672465	0.745762	0.887765	-1.12642	0.599207	1.21416	1.21416	0.709508	1.14675	1.14675	0.259902	1.53733	1.53733	9.13138	19.3651	1.88508	1
cg13112903	0.387333	1.64867	1.64867	?	?	?	0.0381085	0.257609	-3.88185	0.114812	0.379995	-2.63162	7.53391	29.5465	4.48206	1
cg09413557	0.0675138	1.21536	1.21536	0.295378	0.901837	-1.10885	0.247506	1.12201	1.12201	0.0032143	1.4665	1.4665	5.90985	0.848564	0.127631	1
cg00325910	0.00456328	0.299851	-3.33499	4.69E-05	0.0864394	-11.5688	0.00115583	0.2182	-4.58296	0.00222196	0.254984	-3.92181	16.1379	25.9889	1.4315	1
cg17421062	0.241261	0.598854	-1.66986	0.000702189	0.115385	-8.66666	0.00569685	0.219678	-4.55212	0.0457016	0.383832	-2.60531	7.21277	19.9579	2.45958	1
cg02892624	0.117294	0.363827	-2.74856	0.00419714	0.102374	-9.76811	0.0607985	0.28475	-3.51185	0.0764154	0.309905	-3.2268	3.9799	22.264	4.97254	1
cg17496887	0.000223215	0.362668	-2.75734	0.379614	1.16043	1.16043	1.19E-05	0.216829	-4.61193	6.06E-05	0.294368	-3.3971	29.9538	12.9283	0.383652	1
cg21107767	0.0204398	0.36715	-2.72369	0.000263976	0.116507	-8.5832	0.014894	0.341596	-2.92744	0.0546429	0.457548	-2.18556	9.30752	18.9635	1.81106	1
cg22933439	0.0909832	0.520109	-1.92267	0.692037	1.15002	1.15002	0.00515199	0.27333	-3.65858	0.0311626	0.411485	-2.43022	8.57916	16.7506	1.73553	1
cg24255159	0.0318262	0.241238	-4.14528	0.0003236	0.0373845	-26.7491	0.00639142	0.134588	-7.43009	0.0502951	0.283322	-3.52955	7.74344	39.1756	4.49707	1
cg11790580	0.0536846	0.315198	-3.17261	0.0100125	0.180256	-5.54766	0.0127667	0.195869	-5.10545	0.110923	0.400429	-2.49732	4.86627	21.4027	3.90949	1
cg24537121	0.0262321	0.656502	-1.52322	0.0413972	1.45563	1.45563	0.000885306	0.451537	-2.21466	0.0368031	0.679018	-1.47271	30.3876	12.2595	0.358611	1
cg05400869	0.29584	0.52906	-1.89015	0.00313108	0.0834445	-11.984	0.850102	0.895369	-1.11686	0.038931	0.239586	-4.17387	5.68162	30.0487	4.11348	1
cg13356175	0.0222827	0.104726	-9.54872	0.00536375	0.0487755	-20.5021	0.0700049	0.188478	-5.30565	0.0440284	0.148646	-6.7274	4.92383	52.9162	9.55285	1
cg27441409	0.0974474	0.22147	-4.51528	0.0105998	0.0696537	-14.3567	0.337036	0.440237	-2.2715	0.0576959	0.168819	-5.9235	4.06397	44.2224	9.67251	1
cg03261155	0.262109	0.460417	-2.17194	0.00615931	0.0934637	-10.6993	0.57133	1.46149	1.46149	0.0674888	0.256953	-3.89177	3.73458	26.0232	6.19394	1
cg20335425	0.0975475	0.685403	-1.459	0.000142089	0.255778	-3.90964	1.62E-06	0.0815908	-12.2563	0.000241951	0.283213	-3.53091	49.8425	34.0809	0.607797	1
cg01431057	0.000457347	0.264674	-3.77824	0.000627167	0.28186	-3.54787	0.000484229	0.267741	-3.73495	0.000116606	0.196723	-5.08328	22.9406	21.075	0.816602	1
cg09174555	0.0518691	0.435386	-2.29681	6.81E-05	0.0646318	-15.4722	0.000626478	0.138535	-7.21839	0.0287863	0.379384	-2.63585	15.405	34.4687	1.98888	1
cg20256009	0.642942	0.79142	-1.26355	0.000325535	0.0544166	-18.3767	0.000629357	0.0718473	-13.9184	0.00484309	0.153782	-6.50272	11.5056	45.752	3.53465	1
cg20070090	0.438585	0.596239	-1.67718	0.0230979	0.168965	-5.91838	0.655458	1.34171	1.34171	0.0478129	0.227392	-4.39769	4.09669	27.7957	6.03103	1
cg11787791	0.000269491	0.447697	-2.23366	3.55E-05	0.341994	-2.92403	4.20E-06	0.238963	-4.18476	0.125767	0.800265	-1.24959	30.7686	8.81411	0.254635	1
cg06355720	0.23133	1.32787	1.32787	0.0413589	0.587758	-1.70138	0.0163565	0.51535	-1.94043	0.0405104	0.58605	-1.70634	15.7348	12.7134	0.718205	1
cg16139316	0.374257	1.177	1.177	0.00227357	0.466365	-2.14424	0.494831	1.13186	1.13186	0.00271625	0.477164	-2.09572	12.9789	6.56327	0.4495	1
cg03165378	0.910391	1.02056	1.02056	0.680807	1.07763	1.07763	9.33E-06	0.177283	-5.6407	0.606034	0.910248	-1.0986	12.0658	6.2436	0.459968	1
cg23092820	0.312957	0.785895	-1.27243	0.31991	0.788782	-1.26778	1.38E-05	0.122933	-8.13452	0.147145	0.698287	-1.43208	11.0874	9.35758	0.750208	1
cg23277715	0.904405	0.970134	-1.03079	0.506422	0.843554	-1.18546	0.000108002	0.178605	-5.59894	0.139332	0.669308	-1.49408	7.39575	7.4603	0.896647	1
cg03514239	0.349303	1.24612	1.24612	0.00990696	0.47516	-2.10455	0.0225208	0.535781	-1.86643	0.0140842	0.500523	-1.99791	6.64707	5.49055	0.734232	1
cg02711163	0.359681	1.28123	1.28123	0.118339	0.640059	-1.56235	0.000299801	0.21273	-4.70079	0.3687	0.784306	-1.27501	5.69125	6.24176	0.97487	1
cg05848175	0.766895	1.11669	1.11669	0.352539	0.701042	-1.42645	0.00159696	0.186094	-5.37361	0.203984	0.607898	-1.64501	3.50469	7.65148	1.94063	1
cg26937038	0.232708	0.653339	-1.5306	0.207464	0.636269	-1.57166	0.00717114	0.307041	-3.2569	0.181836	0.617522	-1.61938	3.48898	6.39297	1.62874	1
cg25286012	0.373151	0.560439	-1.78432	0.0359467	0.213225	-4.68987	0.00399633	0.0862697	-11.5916	0.0570152	0.255658	-3.91147	3.42225	21.741	5.64698	1
cg00621197	0.210693	1.36785	1.36785	0.00237488	0.365541	-2.73567	0.0503995	1.69837	1.69837	0.150664	1.44174	1.44174	10.5932	9.4639	0.794127	1
cg12092309	0.825321	0.918162	-1.08913	0.0435621	0.408042	-2.45073	0.0717809	2.17378	2.17378	0.784498	1.11169	1.11169	6.04892	14.2936	2.10044	1
cg10382494	0.783714	1.09403	1.09403	0.0475596	0.477046	-2.09623	0.447969	1.28734	1.28734	0.463347	1.27609	1.27609	5.82462	9.84059	1.50176	1
cg19434199	0.401192	0.657951	-1.51987	0.00724663	0.184915	-5.4079	0.342892	1.60972	1.60972	0.706634	1.20227	1.20227	5.36602	20.1717	3.34147	1
cg14900031	0.638792	0.956373	-1.04562	0.180943	1.14342	1.14342	0.0376171	0.796473	-1.25554	0.00144744	0.647731	-1.54385	20.5623	2.89917	0.125328	1
cg27027375	0.000503544	0.338017	-2.95843	0.00349167	0.453689	-2.20415	0.344176	1.21449	1.21449	0.00487218	0.475045	-2.10506	11.0076	6.9339	0.559931	1
cg07210669	0.0885554	0.377987	-2.64559	0.000432408	0.0560007	-17.8569	0.406999	0.644534	-1.55151	0.0286449	0.262676	-3.80697	6.61391	28.0871	3.77482	1
cg02104700	0.0555614	0.609945	-1.63949	0.0245596	0.543215	-1.84089	0.155373	0.707193	-1.41404	0.0324897	0.565311	-1.76894	6.35311	5.22476	0.731017	1
cg22266967	0.00702063	0.369726	-2.70471	0.282919	0.727246	-1.37505	0.200312	0.679656	-1.47133	0.0247486	0.466223	-2.1449	5.38782	6.95331	1.14717	1
cg14140379	0.00835226	0.530058	-1.88658	0.137934	1.35102	1.35102	0.740229	0.939258	-1.06467	0.00396073	0.481998	-2.0747	4.26925	2.39841	0.499366	1
cg26233331	0.0277396	0.455917	-2.19338	0.0272644	0.454432	-2.20055	0.364283	0.754691	-1.32505	0.0142187	0.401294	-2.49194	5.3162	7.67357	1.28305	1
ch.1.1079286F	0.211779	0.544981	-1.83493	0.0582386	0.372443	-2.68498	0.357938	0.646455	-1.5469	0.538338	0.750137	-1.33309	5.0387	15.1051	2.99782	1
cg04234170	0.0372165	1.64885	1.64885	0.00102966	0.365814	-2.73363	0.283484	0.794209	-1.25911	0.0216569	0.56547	-1.76844	6.6597	4.50956	0.601904	1
cg00959725	0.321034	0.821403	-1.21743	0.000371915	0.335287	-2.98252	0.689951	0.925939	-1.07998	0.243421	1.26392	1.26392	5.07184	2.95785	0.518392	1
cg16370863	0.596115	0.942104	-1.06145	0.000664268	1.78792	1.78792	0.226258	0.867906	-1.1522	0.000759232	0.566056	-1.76661	14.8666	2.92719	0.17502	1
cg20664638	0.012041	0.518093	-1.93016	0.000177161	0.263265	-3.79846	0.0051289	0.460055	-2.17365	0.00183097	0.394664	-2.5338	12.6672	8.847	0.620817	1
cg08315421	0.0350791	0.593983	-1.68355	0.35348	0.816652	-1.22451	0.10144	1.46296	1.46296	0.467707	1.16973	1.16973	5.23601	3.73255	0.633655	1
cg20166532	0.0281872	1.48481	1.48481	0.0265812	0.669728	-1.49314	0.819124	1.03555	1.03555	0.00338839	1.83608	1.83608	6.36786	2.346	0.327478	1
cg21385047	0.0157367	0.554771	-1.80254	0.133406	1.3803	1.3803	0.265363	1.25996	1.25996	0.0222423	0.579523	-1.72556	5.11912	3.21331	0.557962	1
cg23978968	0.739624	1.18652	1.18652	0.00324841	7.8311	7.8311	0.0198425	4.22949	4.22949	0.059726	2.97265	2.97265	4.30019	17.907	3.70153	1
cg09704448	0.0184061	0.633587	-1.57832	2.51E-06	0.16232	-6.16067	0.981233	0.996254	-1.00376	0.00250205	0.511638	-1.95451	29.2564	11.7983	0.358463	1
cg27429799	0.389672	1.1346	1.1346	2.90E-06	0.201573	-4.96098	0.269491	1.17908	1.17908	0.105538	0.776217	-1.2883	17.0758	5.55037	0.288928	1
cg21893394	0.00877837	1.2471	1.2471	0.00107835	0.726584	-1.3763	0.702697	0.974947	-1.0257	0.89017	0.9909	-1.00918	7.00133	0.485378	0.0616237	1
cg00318084	0.50828	1.12845	1.12845	0.0113833	0.565284	-1.76902	0.730504	1.06424	1.06424	0.062373	0.685419	-1.45896	5.2155	2.67829	0.456467	1
cg00775777	0.305192	0.820626	-1.21858	0.0147335	0.571851	-1.74871	0.783068	1.05273	1.05273	0.490219	0.877665	-1.13939	4.38211	2.40591	0.488027	1
cg06716436	0.482609	1.10928	1.10928	0.0753938	0.749982	-1.33337	0.139048	1.26039	1.26039	0.863205	0.975248	-1.02538	4.22517	1.41351	0.297374	1
cg13565138	0.220787	0.542177	-1.84442	0.00706138	0.190941	-5.23721	0.0554351	0.356137	-2.80791	0.0968499	0.420325	-2.37911	3.70741	13.2795	3.1839	1
cg27121758	0.0131891	0.44649	-2.23969	0.000231413	0.201139	-4.97169	1.00E-04	0.163498	-6.11629	0.00422556	0.366007	-2.73219	16.4763	17.9694	0.969443	1
cg17518965	0.0505581	0.419955	-2.38121	8.99E-05	0.0653288	-15.3072	0.000516096	0.121266	-8.24633	0.00800469	0.266257	-3.75577	12.1802	29.2482	2.13448	1
cg20583073	0.0375903	0.402809	-2.48257	0.000256636	0.103437	-9.6677	0.000829651	0.14999	-6.66711	0.0127949	0.311729	-3.20792	11.0532	24.8736	2.0003	1
cg20695297	0.0161069	0.185586	-5.38835	0.000785665	0.0548353	-18.2364	0.00139265	0.0707088	-14.1425	0.0195141	0.19898	-5.02563	9.1307	47.3051	4.60524	1
cg02996471	0.150781	0.33732	-2.96455	0.00141498	0.0383752	-26.0585	0.00694001	0.0849822	-11.7672	0.0370817	0.181159	-5.52001	5.64029	44.4904	7.01152	1
cg03684062	0.0405665	1.69991	1.69991	0.0409125	1.6979	1.6979	0.268364	0.772095	-1.29518	0.016205	0.516957	-1.9344	5.27272	4.20332	0.708606	1
cg20781880	0.00213345	2.62805	2.62805	0.23996	1.31721	1.31721	0.230511	1.32534	1.32534	0.0172386	0.522196	-1.91499	4.84891	3.85059	0.70588	1
cg02716776	0.271667	0.397069	-2.51845	0.00204482	0.0299548	-33.3837	0.0237441	0.113182	-8.83534	0.0310619	0.129635	-7.71394	4.78072	49.3315	9.1723	1
cg04490178	0.0693048	1.75829	1.75829	0.0588771	1.80855	1.80855	0.297922	1.3494	1.3494	0.330822	0.756793	-1.32137	3.856	4.71015	1.08579	1
cg26918756	0.326457	0.545103	-1.83452	0.00954312	0.139995	-7.14313	0.0642528	3.47403	3.47403	0.581542	0.716488	-1.3957	3.75622	21.3405	5.05011	1
cg07561507	0.776699	1.05075	1.05075	0.714138	1.06614	1.06614	0.00264305	2.06314	2.06314	0.446525	1.14462	1.14462	5.64664	2.71012	0.426625	1
cg06522679	0.011686	0.496421	-2.01442	1.34E-05	0.131985	-7.57661	6.74E-05	0.197511	-5.063	0.000245104	0.260039	-3.84557	28.0363	21.9363	0.695489	1
cg03968436	0.503294	0.902188	-1.10842	0.00295725	0.538857	-1.85578	0.994299	1.00108	1.00108	0.0213323	0.657536	-1.52083	13.6163	4.95228	0.323291	1
cg14742715	0.0733595	0.649573	-1.53947	0.0431898	0.604951	-1.65303	0.0143176	0.520701	-1.92049	0.0201237	0.545647	-1.83269	7.13752	5.27821	0.657336	1
cg24015472	0.00856561	0.437446	-2.286	0.835436	0.95001	-1.05262	0.0857205	0.626112	-1.59716	0.0215296	0.506294	-1.97514	5.47891	5.27396	0.855638	1
cg20536209	0.446662	0.790713	-1.26468	0.770811	0.915366	-1.09246	0.190053	1.52221	1.52221	0.327023	0.736151	-1.35842	3.48443	5.05772	1.29024	1
cg21503330	0.040063	0.58397	-1.71242	0.230179	0.751712	-1.3303	0.0419295	0.587728	-1.70147	0.257506	0.76499	-1.30721	5.95772	4.84966	0.723567	1
cg17310354	0.153397	1.37083	1.37083	0.180474	1.34103	1.34103	0.943878	1.01463	1.01463	0.543826	1.13516	1.13516	5.20068	3.50661	0.599341	1
cg12710552	0.459262	0.801662	-1.24741	2.82E-05	0.08926	-11.2032	0.00146311	0.259774	-3.8495	0.0543947	0.527101	-1.89717	16.1311	21.9889	1.21168	1
cg09914480	0.014295	0.340586	-2.93611	0.000363926	0.130424	-7.66732	0.00350143	0.243604	-4.10502	0.000999031	0.175109	-5.71074	8.71043	17.5357	1.7895	1
cg01243586	0.0105868	0.524566	-1.90634	0.0077115	1.98767	1.98767	0.067177	0.662525	-1.50938	0.0145774	0.546759	-1.82896	8.48212	5.41011	0.566956	1
cg03687333	0.98759	1.00305	1.00305	0.0440044	0.635703	-1.57306	0.00681393	0.503491	-1.98613	0.0281	0.601882	-1.66145	4.83067	2.9314	0.539404	1
cg18294610	0.0606286	0.578945	-1.72728	0.00135192	0.300422	-3.32865	0.157757	0.67688	-1.47737	0.00990477	0.430895	-2.32075	7.10508	7.51211	0.93981	1
cg01754041	0.0275603	0.527984	-1.894	0.196411	0.715483	-1.39766	0.00586359	0.413146	-2.42045	0.378041	1.24818	1.24818	5.22643	4.97274	0.845744	1
cg07649586	0.539333	1.13204	1.13204	0.452757	0.858428	-1.16492	0.302193	0.807906	-1.23777	0.0123449	0.53701	-1.86216	3.64282	2.29785	0.560702	1
cg04334121	0.116029	0.806042	-1.24063	0.0225585	1.41169	1.41169	0.89608	0.98364	-1.01663	0.00311249	0.600218	-1.66606	20.7921	5.2471	0.22432	1
cg22288982	0.000372944	0.15969	-6.26212	8.00E-05	0.100684	-9.93204	0.000395118	0.162252	-6.16327	0.0104646	0.353964	-2.82515	18.0839	29.7476	1.4622	1
cg20357397	0.0670775	0.386434	-2.58776	0.0134186	0.242121	-4.13016	0.0149466	0.250004	-3.99993	0.133673	0.472663	-2.11567	4.67435	15.8873	3.02117	1
cg22587758	0.0424869	0.346206	-2.88845	0.00978107	0.226913	-4.40698	0.00506024	0.185837	-5.38105	0.0942777	0.433787	-2.30528	4.44692	14.5193	2.90225	1
cg11585955	0.342735	1.09204	1.09204	0.0137211	0.759953	-1.31587	0.199123	0.884956	-1.13	0.938093	1.00702	1.00702	3.41212	0.438489	0.11423	1
cg07723217	0.912934	1.02608	1.02608	0.00348044	0.393219	-2.54311	0.742356	0.925286	-1.08075	0.104416	1.51867	1.51867	3.42036	3.00164	0.78007	1
cg17268932	0.000200317	0.114012	-8.77098	0.0528167	0.488865	-2.04556	0.53548	1.22184	1.22184	0.996853	0.998744	-1.00126	14.6413	23.0519	1.22457	1
cg00256745	0.171607	0.804738	-1.24264	0.478212	0.897965	-1.11363	0.0365167	1.4373	1.4373	0.0449985	1.40972	1.40972	5.5656	1.96396	0.313667	1
cg03912013	0.0691284	0.806701	-1.23962	0.000584224	0.570363	-1.75327	0.607623	0.946766	-1.05623	0.356303	1.10541	1.10541	6.64512	1.17411	0.157056	1
cg04837898	0.00825267	0.649703	-1.53916	0.0169216	1.45047	1.45047	0.484542	1.09491	1.09491	0.22516	0.849918	-1.17658	5.26268	1.35815	0.229397	1
cg27293306	0.336732	0.933095	-1.0717	0.0365699	0.84379	-1.18513	0.126793	1.1224	1.1224	0.0637494	1.15686	1.15686	5.15938	0.399425	0.0688154	1
cg08683180	0.0401452	0.628958	-1.58993	0.00487335	0.482022	-2.0746	0.589034	1.11254	1.11254	0.420805	1.17447	1.17447	4.83789	2.92954	0.538259	1
cg14415034	0.60514	1.11021	1.11021	0.103842	1.42833	1.42833	0.000470669	3.00862	3.00862	0.182551	1.32784	1.32784	4.39604	2.79743	0.565646	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16951105	SACM1L	0.0262282	0.0210134	0.147396	-6.78446	0.0255761	0.160506	-6.23029	0.0178209	0.137168	-7.29035	0.0793822	0.261052	-3.83065	0.0106542	0.109214	-9.15633
cg06734342	SACM1L	0.026894	0.820323	1.0539	1.0539	0.0284301	1.81639	1.81639	0.0553857	1.65057	1.65057	0.710825	1.08974	1.08974	0.00551739	0.430952	-2.32045
cg09545894	SACS	8.00E-08	0.0065563	0.785912	-1.27241	4.02E-08	0.265873	-3.7612	0.000111293	0.628984	-1.58987	0.127786	0.893752	-1.11888	3.82E-09	0.167781	-5.96014
cg14453577	SACS	0.000172371	0.677778	0.929426	-1.07593	1.51E-05	0.207759	-4.81328	0.000276547	0.352513	-2.83677	0.0151982	0.593155	-1.6859	0.0033229	2.01426	2.01426
cg04337937	SACS	0.000436058	0.137921	1.47318	1.47318	0.00327706	0.378365	-2.64295	4.82E-05	0.156443	-6.39211	0.339674	1.26954	1.26954	0.0415585	0.565587	-1.76807
cg03361776	SACS	0.000631529	0.00479069	0.406602	-2.45941	0.00749478	0.437191	-2.28733	0.339345	0.789214	-1.26708	0.600326	1.1355	1.1355	0.000273044	0.238459	-4.19359
cg07175985	SACS	0.00744951	0.691123	1.11699	1.11699	0.00296967	0.323203	-3.09403	0.0835069	0.588206	-1.70008	0.170931	1.49764	1.49764	0.932934	1.02359	1.02359
cg02736639	SACS	0.011296	0.386876	0.866233	-1.15442	0.0991844	1.33996	1.33996	0.0970414	0.744631	-1.34295	0.492061	0.893176	-1.1196	0.272446	1.20314	1.20314
cg21042285	SACS	0.0119658	0.175707	0.650944	-1.53623	0.0125733	0.396364	-2.52294	0.0368153	0.485217	-2.06093	0.275118	0.712794	-1.40293	0.00277166	0.29218	-3.42255
cg10560368	SACS	0.0165553	0.0727319	0.834984	-1.19763	0.737741	0.970181	-1.03074	0.763756	0.973212	-1.02752	0.619809	0.955948	-1.04608	0.986416	0.998468	-1.00153
cg25206802	SACS	0.0165985	0.994516	0.997878	-1.00213	0.793897	1.0843	1.0843	0.0189872	2.40594	2.40594	0.218636	1.49175	1.49175	0.00082585	0.21079	-4.74406
cg16923290	SACS	0.0203797	0.0313204	1.89873	1.89873	0.875505	1.0406	1.0406	?	?	?	0.572122	0.865099	-1.15594	0.0118961	0.450725	-2.21865
cg24140343	SACS	0.0403111	0.0190671	0.154965	-6.45308	0.188665	0.400449	-2.4972	0.243191	0.448229	-2.231	0.553831	1.48219	1.48219	0.0028791	0.0676394	-14.7843
cg16041550	SAE1;SAE1;SAE1;SAE1	0.00363483	0.00900871	0.357687	-2.79574	0.934937	1.0256	1.0256	0.918003	1.0324	1.0324	0.341416	1.35463	1.35463	0.000524451	0.187596	-5.3306
cg13387235	SAE1;SAE1;SAE1;SAE1	0.0113686	0.110603	0.453785	-2.20369	0.121944	2.14234	2.14234	0.079158	0.412377	-2.42496	0.123292	2.13552	2.13552	0.000861344	0.102911	-9.71717
cg16421285	SAE1;SAE1;SAE1;SAE1	0.0178588	0.109883	0.476516	-2.09856	0.737656	1.15372	1.15372	0.0775478	2.30368	2.30368	0.722862	0.859455	-1.16353	0.14563	0.514502	-1.94363
cg08239694	SAE1;SAE1;SAE1;SAE1	0.0191681	0.258445	0.678282	-1.47431	0.121297	0.575199	-1.73853	0.230037	0.66061	-1.51375	0.314311	1.40858	1.40858	0.0210724	0.401166	-2.49273
cg27333886	SAE1;SAE1;SAE1;SAE1	0.0350957	0.0177449	0.285859	-3.49823	0.0492775	0.377305	-2.65037	0.0146575	0.271122	-3.68838	0.34924	0.658009	-1.51974	0.0114282	0.252886	-3.95435
cg24326880	SAE1;SAE1;SAE1;SAE1	0.0356414	?	?	?	0.253137	0.385137	-2.59648	0.0503959	6.09752	6.09752	0.816366	0.831292	-1.20295	0.831709	0.84448	-1.18416
cg26870061	SAE1;SAE1;SAE1;SAE1;SAE1;SAE1;SAE1	0.00878725	0.171162	2.09017	2.09017	0.364845	1.59201	1.59201	?	?	?	0.315156	0.59459	-1.68183	0.00140917	0.0709219	-14.1
cg07931151	SAE1;SAE1;SAE1;SAE1;SAE1;SAE1;SAE1	0.0255315	0.281874	0.869289	-1.15037	0.246963	0.8593	-1.16374	0.85787	1.02271	1.02271	0.396296	0.896904	-1.11495	0.852464	0.97695	-1.02359
cg19342637	SAFB	0.000757497	0.461249	1.17202	1.17202	0.18374	0.741981	-1.34774	0.803398	1.0542	1.0542	0.922388	1.02084	1.02084	2.54E-05	0.170677	-5.85901
cg12579612	SAFB	0.00529945	0.576415	0.918255	-1.08902	0.0552135	1.38878	1.38878	0.0135034	1.58728	1.58728	0.697379	1.06083	1.06083	0.00428418	0.561396	-1.78127
cg05085504	SAFB	0.0376998	0.149679	0.73082	-1.36833	0.0562956	1.55085	1.55085	0.0136738	0.538422	-1.85728	0.106274	0.699003	-1.43061	0.0818518	0.676072	-1.47913
cg24413826	SAFB2	0.000122441	0.35663	1.09401	1.09401	6.82E-06	2.57506	2.57506	0.0124843	1.34254	1.34254	0.14871	1.15811	1.15811	0.0122153	0.743865	-1.34433
cg12036554	SAFB2	0.0286615	0.044505	2.19258	2.19258	0.0502942	2.13666	2.13666	0.053064	2.11259	2.11259	0.18467	1.614	1.614	0.273141	0.678376	-1.47411
cg22022797	SAFB2	0.0308618	0.745798	1.19949	1.19949	0.00216786	11.0941	11.0941	0.00872217	6.47972	6.47972	0.713465	1.22904	1.22904	0.162072	0.433974	-2.30429
cg21954173	SAFB2;SAFB	0.0112581	0.936027	0.991426	-1.00865	0.338852	0.899646	-1.11155	0.200371	0.86494	-1.15615	0.179158	0.858065	-1.16541	0.00842307	0.697018	-1.43468
cg23884421	SAFB2;SAFB;SAFB	0.0197118	0.315543	1.69832	1.69832	0.82595	0.893687	-1.11896	0.685405	0.812325	-1.23103	0.409642	1.53782	1.53782	0.195854	2.00994	2.00994
cg08110610	SAG	0.00311084	0.130281	0.635483	-1.57361	0.797795	1.07383	1.07383	0.0139738	0.430766	-2.32145	0.953205	1.01641	1.01641	0.0266802	0.482594	-2.07213
cg06364159	SAG	0.00352259	0.0536417	0.46889	-2.1327	0.312853	1.43448	1.43448	0.00697789	0.299365	-3.3404	0.892175	0.954208	-1.04799	0.0281799	0.40828	-2.4493
cg10389914	SAG	0.00513116	0.04443	0.48873	-2.04612	0.0329401	2.16768	2.16768	0.00817967	2.85647	2.85647	0.912431	1.03471	1.03471	0.00552523	0.322708	-3.09878
cg04094641	SAG	0.0201727	0.0158714	0.212924	-4.69652	0.305819	0.573968	-1.74226	0.0249656	0.247373	-4.04248	0.0780665	0.358753	-2.78744	0.00663473	0.158044	-6.32735
cg19149789	SAG	0.0467253	0.056255	0.396347	-2.52304	0.00998561	0.248425	-4.02536	0.0183749	0.293829	-3.40334	0.591972	1.26063	1.26063	0.0780623	0.432522	-2.31202
cg00539322	SAG;SAG	0.000960622	0.0407898	0.479873	-2.08389	0.136693	0.607449	-1.64623	0.0128925	0.382919	-2.61152	0.0130667	0.38395	-2.60451	0.0120369	0.377679	-2.64775
cg05052243	SAGE1	1.24E-05	3.29E-06	0.134811	-7.41779	0.000531857	0.374125	-2.6729	0.00548023	0.513876	-1.946	0.161597	0.761485	-1.31322	0.00465038	0.503489	-1.98614
cg17334927	SAGE1	0.00799111	0.0710116	0.526452	-1.89951	0.000329785	0.158103	-6.325	0.0095652	0.352122	-2.83993	0.163966	0.623464	-1.60394	0.0246131	0.42679	-2.34307
cg24101388	SAGE1	0.00804658	0.434939	1.25332	1.25332	0.781123	0.924086	-1.08215	0.144986	0.641684	-1.5584	0.807784	1.07153	1.07153	0.000144121	0.156281	-6.39872
cg19856594	SAGE1;SAGE1	0.00182851	0.00172397	0.155967	-6.41162	0.322275	1.52935	1.52935	0.221178	0.586047	-1.70635	0.0134983	0.280676	-3.56283	0.0104562	0.262054	-3.81601
cg10261457	SAGE1;SAGE1	0.00863059	0.51842	1.25459	1.25459	0.00190214	0.217835	-4.59062	0.0195476	0.376226	-2.65798	0.16725	0.600475	-1.66535	0.00333219	0.250508	-3.99188
cg05404010	SALL1	0.007161	0.000971323	0.580632	-1.72226	0.662554	1.04983	1.04983	0.923486	0.989418	-1.0107	0.637646	0.948817	-1.05394	0.937845	0.9914	-1.00867
cg05151154	SALL1;SALL1	1.81E-05	0.00102085	1.87395	1.87395	0.635781	0.94033	-1.06346	0.0163215	1.46033	1.46033	0.00217272	1.74152	1.74152	0.0214469	0.700229	-1.4281
cg16528497	SALL1;SALL1	5.12E-05	0.00340525	0.640832	-1.56047	0.015506	0.717553	-1.39363	0.000535181	0.547524	-1.8264	0.000619014	0.55489	-1.80216	8.70E-05	0.45527	-2.1965
cg08878368	SALL1;SALL1	0.000413718	0.00419627	0.130906	-7.63909	1.38E-05	0.00810029	-123.452	0.000818465	0.0689624	-14.5006	0.111171	0.398498	-2.50942	0.00167025	0.0922323	-10.8422
cg02417084	SALL1;SALL1	0.000670002	0.0069084	0.261123	-3.82961	1.78E-05	0.0344693	-29.0113	0.00234496	0.195767	-5.10811	0.177547	0.576763	-1.73381	0.0159737	0.32208	-3.10482
cg08199953	SALL1;SALL1	0.00153231	0.00356716	0.0992572	-10.0748	0.000147296	0.021937	-45.5852	0.00274232	0.0890259	-11.2327	0.0728579	0.310127	-3.22449	0.0187576	0.188929	-5.293
cg05044764	SALL1;SALL1	0.00258748	0.000377062	0.388366	-2.57489	0.110272	0.748512	-1.33598	0.0966696	0.738216	-1.35462	0.480148	0.887405	-1.12688	0.00299059	0.507765	-1.96941
cg06724588	SALL1;SALL1	0.00356592	0.344274	1.26361	1.26361	0.86834	1.04065	1.04065	0.640973	0.893329	-1.11941	0.169351	1.42139	1.42139	0.538309	0.861013	-1.16142
cg06274671	SALL1;SALL1	0.00777226	0.658392	1.05611	1.05611	0.00370882	1.61781	1.61781	0.671605	1.05372	1.05372	0.0734729	0.78281	-1.27745	0.617893	1.06365	1.06365
cg08526074	SALL1;SALL1	0.0111755	0.029502	0.224002	-4.46425	0.687019	1.26669	1.26669	0.901036	1.07531	1.07531	0.400048	0.60483	-1.65336	0.00472221	0.11181	-8.94372
cg09016242	SALL1;SALL1	0.0120403	0.29789	0.811378	-1.23247	0.69123	0.925584	-1.0804	0.00198614	2.33024	2.33024	0.785073	1.05438	1.05438	0.0102944	0.534579	-1.87063
cg13755795	SALL1;SALL1	0.0147634	?	?	?	0.678553	0.888719	-1.12522	0.51809	0.830708	-1.20379	0.0549538	0.540054	-1.85167	0.00470219	0.345276	-2.89623
cg04962978	SALL1;SALL1	0.0225301	0.819914	0.950506	-1.05207	0.00508276	0.43849	-2.28056	0.083742	0.653084	-1.5312	0.292405	0.784141	-1.27528	0.159558	1.39737	1.39737
cg06099646	SALL1;SALL1	0.0245661	0.406612	0.816657	-1.2245	0.00200134	0.353242	-2.83092	0.165417	0.702607	-1.42327	0.632111	1.12196	1.12196	0.0876272	0.637749	-1.56801
cg08304084	SALL1;SALL1	0.0292219	0.8516	1.11302	1.11302	0.204439	2.15039	2.15039	0.0177021	5.20337	5.20337	0.135725	2.5075	2.5075	0.00352367	0.104125	-9.60384
cg00310215	SALL1;SALL1	0.0334197	0.129756	1.61647	1.61647	0.0165676	0.423685	-2.36024	0.00755868	2.74096	2.74096	0.118297	1.64474	1.64474	0.981269	1.00691	1.00691
cg08439930	SALL1;SALL1	0.0457319	0.265847	1.57325	1.57325	0.929924	0.966209	-1.03497	0.636634	0.830291	-1.2044	0.917345	0.960241	-1.0414	0.391568	0.709588	-1.40927
cg02498177	SALL1;SALL1	0.0461675	0.250387	0.727031	-1.37546	0.0256181	2.02134	2.02134	0.0243052	2.03912	2.03912	0.179653	0.685052	-1.45974	0.100644	0.620462	-1.6117
cg04698114	SALL1;SALL1;SALL1	0.0127461	0.601547	0.796035	-1.25623	0.00726128	0.223256	-4.47916	0.386872	0.681105	-1.4682	0.203147	1.78898	1.78898	0.000435424	0.0900353	-11.1068
cg04550052	SALL1;SALL1;SALL1	0.0369054	0.00275124	0.373662	-2.67621	0.369438	0.802822	-1.24561	0.431189	0.825783	-1.21097	0.39808	1.22894	1.22894	0.370219	0.803125	-1.24514
cg00898147	SALL2	0.00129972	0.0271192	1.51153	1.51153	0.776592	0.956065	-1.04595	0.446309	1.13043	1.13043	0.0174874	0.633313	-1.579	0.413742	0.87638	-1.14106
cg08182407	SALL3	2.83E-07	0.365519	0.903671	-1.1066	0.0475961	1.27996	1.27996	0.191418	1.16263	1.16263	0.560415	1.06624	1.06624	0.0314587	1.31638	1.31638
cg20980587	SALL3	2.19E-05	0.204032	0.753611	-1.32694	0.00573289	0.465667	-2.14746	0.0843636	1.49617	1.49617	0.121358	1.42537	1.42537	0.115033	0.696543	-1.43566
cg02507889	SALL3	3.21E-05	0.59243	0.908923	-1.1002	0.00131227	2.28538	2.28538	0.0135469	1.71598	1.71598	0.686444	0.930792	-1.07435	0.632269	0.918326	-1.08894
cg23983671	SALL3	4.47E-05	0.0236407	0.368043	-2.71708	0.0566067	0.450086	-2.2218	0.000525457	0.135486	-7.38084	0.760421	1.11979	1.11979	9.26E-05	0.0757064	-13.2089
cg05678191	SALL3	4.83E-05	0.059476	0.69178	-1.44555	0.681735	1.07404	1.07404	0.0168737	1.65693	1.65693	0.229321	0.803716	-1.24422	0.095009	1.37409	1.37409
cg02193951	SALL3	6.11E-05	0.00360696	0.422365	-2.36762	0.0012687	0.357481	-2.79735	0.000903697	0.337508	-2.96289	0.662723	1.10076	1.10076	0.950958	0.986636	-1.01354
cg04389822	SALL3	9.75E-05	0.0763786	0.722904	-1.38331	0.0366421	0.670556	-1.4913	0.0995183	0.742935	-1.34601	0.000259507	0.371943	-2.68858	0.561938	0.907997	-1.10133
cg02705011	SALL3	0.00096247	0.18594	0.824109	-1.21343	0.0407133	0.721868	-1.38529	0.0955157	0.776771	-1.28738	0.477142	0.9051	-1.10485	0.251178	1.17984	1.17984
cg07382554	SALL3	0.00100022	0.0680654	0.704264	-1.41992	0.989112	0.997661	-1.00234	0.501608	1.12414	1.12414	0.448453	1.14173	1.14173	0.289769	1.20748	1.20748
cg25891069	SALL3	0.00171835	0.116732	0.648845	-1.5412	0.00666576	0.409235	-2.44358	0.0122305	0.452833	-2.20832	0.542215	0.85506	-1.16951	0.100309	0.633211	-1.57925
cg04988994	SALL3	0.00215353	0.689851	0.914386	-1.09363	0.490687	0.855383	-1.16907	0.0226852	1.838	1.838	0.0592835	1.60818	1.60818	0.193071	1.35979	1.35979
cg13634602	SALL3	0.00261878	0.00195483	0.568392	-1.75935	0.20543	0.841692	-1.18808	0.155009	0.821734	-1.21694	0.000284964	0.465553	-2.14798	0.579505	1.07488	1.07488
cg13794993	SALL3	0.00679614	0.10521	1.17689	1.17689	0.062623	1.21261	1.21261	0.00160156	1.51665	1.51665	0.157447	0.870148	-1.14923	0.502879	1.06456	1.06456
cg03788215	SALL3	0.00699363	0.0304883	0.333465	-2.99882	0.00214866	0.155441	-6.43332	0.00542299	0.205872	-4.85738	0.151413	0.514835	-1.94237	0.0514429	0.383769	-2.60573
cg03712816	SALL3	0.00787069	0.0294128	1.26609	1.26609	0.694806	0.964383	-1.03693	0.306504	1.10227	1.10227	0.439689	1.07518	1.07518	0.534367	0.943765	-1.05959
cg21779611	SALL3	0.0145782	0.00213771	0.36365	-2.74989	0.137291	0.687074	-1.45545	0.0990343	0.654365	-1.5282	0.0570807	0.603602	-1.65672	0.771718	0.934055	-1.0706
cg16284437	SALL3	0.0171591	0.23146	1.84139	1.84139	0.627308	1.2687	1.2687	0.611654	1.28281	1.28281	0.267261	1.7545	1.7545	0.594797	1.2984	1.2984
cg22242857	SALL3	0.0177393	0.822473	1.07695	1.07695	0.769471	0.907607	-1.1018	0.220982	1.52873	1.52873	0.536788	1.22916	1.22916	0.349235	1.37421	1.37421
cg15013496	SALL3	0.0209168	0.0290121	0.404746	-2.47068	0.00123695	0.190233	-5.2567	0.0867105	0.514307	-1.94436	0.342365	0.709068	-1.4103	0.0182808	0.365457	-2.7363
cg05080154	SALL3	0.0317571	0.0250585	1.64139	1.64139	0.697687	1.07527	1.07527	0.430545	1.16135	1.16135	0.849949	1.03584	1.03584	0.0014389	0.424625	-2.35502
cg24332577	SALL4	2.17E-06	0.743818	0.966156	-1.03503	1.45E-06	0.276648	-3.6147	7.63E-05	0.471009	-2.1231	0.000330311	1.83795	1.83795	0.110527	1.20032	1.20032
cg23117699	SALL4	8.94E-05	0.104772	0.874523	-1.14348	0.00488017	1.32601	1.32601	0.00244966	1.37541	1.37541	0.661201	0.967199	-1.03391	0.323334	1.0802	1.0802
cg02063919	SALL4	0.00111207	0.0799868	0.855538	-1.16886	0.00854778	1.30928	1.30928	0.00293316	1.38843	1.38843	0.27081	1.09646	1.09646	0.00119065	1.46464	1.46464
cg16958351	SALL4	0.00124825	0.00727424	0.439842	-2.27354	0.0860664	0.637633	-1.5683	0.00372041	0.394682	-2.53368	0.0482607	0.585389	-1.70827	0.000421784	0.265641	-3.76448
cg00169792	SALL4	0.00268993	0.997942	0.99921	-1.00079	0.0669777	0.532925	-1.87644	0.0200173	2.3639	2.3639	0.0623964	1.90197	1.90197	0.918035	0.968941	-1.03205
cg12288473	SALL4	0.0030636	0.0255267	0.249329	-4.01077	0.00217833	0.105341	-9.49302	0.00466786	0.139621	-7.16227	0.058181	3.06656	3.06656	0.0459335	0.301983	-3.31144
cg16790466	SALL4	0.00413137	0.117268	0.620072	-1.61272	0.684926	0.891734	-1.12141	0.113047	0.616024	-1.62331	0.0355608	0.502928	-1.98836	0.000193572	0.17165	-5.82579
cg19871388	SALL4	0.00778342	0.321292	0.693063	-1.44287	0.00224678	0.216434	-4.62035	0.0702233	0.484738	-2.06297	0.18437	1.65499	1.65499	0.446232	0.757446	-1.32023
cg04312620	SALL4	0.00854918	0.0449295	0.380932	-2.62514	0.00213614	0.163787	-6.10548	0.0146511	0.283573	-3.52643	0.250748	1.65412	1.65412	0.145404	0.519118	-1.92635
cg13246583	SALL4	0.0175992	0.333491	0.885941	-1.12874	0.205091	0.850173	-1.17623	0.433714	1.10184	1.10184	0.429961	0.906823	-1.10275	0.406505	0.902045	-1.10859
cg10941835	SALL4	0.0400762	0.104527	0.676017	-1.47925	0.572203	0.881666	-1.13422	0.661095	0.907242	-1.10224	0.0597882	1.5979	1.5979	0.0095377	0.484586	-2.06362
cg14160518	SALL4;SALL4	0.000669622	0.99685	0.998251	-1.00175	0.000391203	0.0815493	-12.2625	0.435446	1.42321	1.42321	0.0109931	4.11674	4.11674	0.47465	0.724357	-1.38053
cg06303238	SALL4;SALL4	0.00090506	0.770336	0.882736	-1.13284	0.0025039	0.167096	-5.98457	0.231845	1.70625	1.70625	0.00989965	4.00887	4.00887	0.506561	0.750406	-1.33261
cg17688733	SAMD1	0.0126359	0.0966007	0.788348	-1.26847	0.824991	1.02929	1.02929	0.215031	1.18548	1.18548	0.0652738	0.76354	-1.30969	0.00697749	0.634476	-1.5761
cg00034555	SAMD1	0.0404076	0.0552682	0.747608	-1.3376	0.79549	1.03538	1.03538	0.574088	0.926796	-1.07899	0.238028	1.17993	1.17993	0.0101119	0.64766	-1.54402
cg15568167	SAMD10	0.00541128	0.767495	1.04089	1.04089	0.24657	0.848934	-1.17795	0.0375205	1.38569	1.38569	0.0987655	1.27719	1.27719	0.454444	0.902141	-1.10847
cg03521468	SAMD10	0.0230187	0.0219741	0.716294	-1.39608	0.484781	1.09003	1.09003	0.341854	1.12628	1.12628	0.248938	1.15757	1.15757	0.75046	1.0395	1.0395
cg03224418	SAMD10;PRPF6	0.0339467	0.00398216	0.186811	-5.35302	0.0804231	0.43155	-2.31723	0.418547	0.69892	-1.43078	0.286948	1.61474	1.61474	0.0124803	0.26001	-3.84601
cg15855336	SAMD10;PRPF6	0.0381004	0.384688	0.887064	-1.12732	0.39492	0.889447	-1.12429	0.00115019	1.90107	1.90107	0.996905	0.999479	-1.00052	0.316042	1.14956	1.14956
cg03735847	SAMD11	0	0	2.56309	2.56309	?	?	?	0	1.55778	1.55778	0	0.716244	-1.39617	?	?	?
cg13806162	SAMD11	0.00014037	0.941224	0.983155	-1.01713	0.0143106	0.49866	-2.00537	0.0653257	0.620867	-1.61065	0.906229	1.02752	1.02752	0.441241	1.19832	1.19832
cg15896339	SAMD11	0.000425711	0.332576	1.21583	1.21583	3.92E-05	4.66004	4.66004	0.565141	1.12041	1.12041	0.00868302	1.92314	1.92314	0.3425	1.21072	1.21072
cg06838427	SAMD11	0.000599118	0.0746173	0.691246	-1.44666	0.243034	0.796809	-1.25501	0.000555038	2.70803	2.70803	0.303568	1.21911	1.21911	0.0605077	0.67467	-1.48221
cg22485363	SAMD11	0.00209934	0.0678496	0.56497	-1.77001	0.399757	0.786121	-1.27207	0.0643778	1.78624	1.78624	0.0926815	1.67619	1.67619	0.232553	1.41834	1.41834
cg12454161	SAMD11	0.00227752	0.793312	1.0608	1.0608	0.000129325	4.45998	4.45998	0.082932	1.53968	1.53968	0.00386929	2.39813	2.39813	0.00468236	2.32816	2.32816
cg10711230	SAMD11	0.00373318	0.832686	1.04401	1.04401	0.05485	0.641875	-1.55794	0.400454	0.839258	-1.19153	0.707765	0.926194	-1.07969	0.015886	1.82459	1.82459
cg09180262	SAMD11	0.00474438	0.450334	0.789774	-1.26618	0.000177718	7.0227	7.0227	0.226284	1.47675	1.47675	0.00478586	3.1549	3.1549	0.00755204	2.87083	2.87083
cg22416074	SAMD11	0.00509946	0.471386	0.924062	-1.08218	0.443926	1.08778	1.08778	0.0120969	1.40108	1.40108	0.261135	0.881324	-1.13466	0.0398856	0.774092	-1.29184
cg00582671	SAMD11	0.00984965	0.365728	1.25878	1.25878	0.892736	0.967141	-1.03398	0.196248	1.40272	1.40272	0.318695	1.29074	1.29074	0.235817	1.36025	1.36025
cg06091566	SAMD11	0.0139673	0.0611335	0.723612	-1.38196	0.00258446	1.89697	1.89697	0.145299	1.27093	1.27093	0.519354	1.10532	1.10532	0.340591	0.860225	-1.16249
cg00145911	SAMD11	0.0162558	0.345705	1.48797	1.48797	0.0404898	2.63337	2.63337	0.902771	1.05128	1.05128	0.771339	0.887583	-1.12665	0.600827	1.24115	1.24115
cg02896266	SAMD11	0.0188547	0.040036	0.517671	-1.93173	0.0164314	0.443305	-2.25578	0.041559	0.521014	-1.91933	0.0465038	0.531205	-1.88251	0.0118555	0.418273	-2.39078
cg06036236	SAMD11	0.0263138	0.243818	1.33055	1.33055	0.847924	1.04599	1.04599	0.430564	0.828262	-1.20735	0.46312	1.19114	1.19114	0.266512	0.762512	-1.31145
cg25215298	SAMD11	0.026728	0.955793	1.00485	1.00485	0.553106	1.05375	1.05375	0.856352	0.984313	-1.01594	0.683709	1.03639	1.03639	0.10365	0.856167	-1.168
cg00976181	SAMD11	0.0270852	0.0118929	0.442146	-2.2617	0.120498	0.64547	-1.54926	0.875478	0.960055	-1.04161	0.64975	0.887948	-1.12619	0.00994791	0.429003	-2.33099
cg23225454	SAMD11	0.0323433	0.133089	1.75258	1.75258	0.586334	1.20956	1.20956	0.917426	0.964729	-1.03656	0.52223	1.25179	1.25179	0.161642	1.67784	1.67784
ch.8.2353618R	SAMD12	0.000406847	0.00661226	0.634053	-1.57715	0.00177053	1.77776	1.77776	0.255708	1.16572	1.16572	0.240034	0.853015	-1.17231	0.00285241	0.588253	-1.69995
cg07960624	SAMD12	0.0015647	0.0886412	0.440777	-2.26872	0.38648	1.47286	1.47286	0.00626639	0.211509	-4.72793	0.0693286	0.412207	-2.42597	0.492113	1.35569	1.35569
cg21500126	SAMD12	0.0148669	0.0962937	0.304729	-3.28161	0.00771175	0.107793	-9.27702	0.00577985	0.0950691	-10.5187	0.0671407	0.263106	-3.80075	0.00682859	0.10226	-9.77896
cg25206690	SAMD12	0.0363561	0.0354326	0.570702	-1.75223	0.326289	0.79286	-1.26126	0.0224491	0.534585	-1.87061	0.567178	0.875935	-1.14164	0.0036029	0.405522	-2.46596
cg27512513	SAMD12	0.0412413	0.0116103	1.94643	1.94643	0.616509	0.8989	-1.11247	0.133978	0.710948	-1.40657	0.774986	0.941294	-1.06237	0.218534	1.31415	1.31415
cg19537243	SAMD12;SAMD12	0.000187121	0.0311823	1.55756	1.55756	0.000940029	2.37435	2.37435	0.269277	1.22337	1.22337	0.451149	0.874122	-1.14401	0.000149647	0.3194	-3.13087
cg02910011	SAMD12;SAMD12	0.0044914	0.0277103	0.479679	-2.08473	0.64727	1.13888	1.13888	0.0174811	0.441944	-2.26273	0.964294	1.01272	1.01272	0.000172865	0.165219	-6.05256
cg20519373	SAMD12;SAMD12	0.007993	0.164428	0.489717	-2.042	0.0636224	0.366545	-2.72818	0.0219831	0.266491	-3.75247	0.0155441	0.239748	-4.17105	0.000393752	0.0660562	-15.1386
cg17210130	SAMD12;SAMD12	0.00953958	0.574023	0.962727	-1.03872	0.0310296	0.844244	-1.18449	0.00482893	0.77879	-1.28404	0.225524	0.9184	-1.08885	0.00760343	0.794886	-1.25804
cg26283874	SAMD12;SAMD12	0.020669	0.82384	1.06119	1.06119	0.055617	0.561146	-1.78207	0.0178778	0.464516	-2.15278	0.0171902	0.461443	-2.16711	0.00601496	0.38438	-2.60159
cg04034290	SAMD12;SAMD12	0.0217593	0.247357	0.676969	-1.47717	0.0327907	0.446858	-2.23785	0.0324987	0.446055	-2.24188	0.00254801	0.25914	-3.85892	0.021371	0.409826	-2.44006
cg11555919	SAMD13	0.00461546	0.832073	0.927386	-1.0783	0.000834267	5.96118	5.96118	0.605169	1.2034	1.2034	0.0603037	2.12159	2.12159	0.84218	1.07334	1.07334
cg15103960	SAMD13	0.0310966	0.64293	1.0764	1.0764	0.706635	0.942114	-1.06144	0.054716	0.709177	-1.41008	0.223958	1.2232	1.2232	0.377687	1.15344	1.15344
cg05473018	SAMD14	0.00116904	0.764894	0.946276	-1.05677	0.00185668	2.25525	2.25525	0.00273672	2.14127	2.14127	0.598308	1.10284	1.10284	0.00251732	0.461889	-2.16502
cg22655521	SAMD14	0.00228863	0.0116141	5.01333	5.01333	0.0147433	4.63491	4.63491	0.0246047	3.92694	3.92694	0.0540263	3.05727	3.05727	0.00133875	10.828	10.828
cg04650899	SAMD14	0.00248071	0.0282517	4.27661	4.27661	0.0246327	4.48764	4.48764	0.128279	2.51512	2.51512	0.17424	2.2498	2.2498	0.00526367	7.87942	7.87942
cg21935549	SAMD14	0.00423498	0.0325298	0.828211	-1.20742	0.007302	0.770602	-1.29769	0.0112205	0.787159	-1.27039	0.460584	1.05822	1.05822	0.0133514	1.25969	1.25969
cg11441693	SAMD14	0.00681511	0.0194085	3.30138	3.30138	0.00188152	6.43907	6.43907	0.00774334	4.24351	4.24351	0.0544741	2.5143	2.5143	0.0580747	2.4724	2.4724
cg23216654	SAMD14	0.0111728	0.0062624	2.54079	2.54079	0.221418	1.39998	1.39998	0.0525355	1.78077	1.78077	0.0201769	2.08223	2.08223	0.257321	0.733844	-1.36269
cg19572766	SAMD14	0.016791	0.0100905	0.591688	-1.69008	0.00174258	0.485966	-2.05776	0.152971	0.780818	-1.28071	0.385961	0.86617	-1.15451	0.0263062	0.653148	-1.53105
cg14929100	SAMD14;SAMD14	0.00322868	0.24025	1.24884	1.24884	0.335291	1.1967	1.1967	0.499455	1.1319	1.1319	0.494244	1.13366	1.13366	0.447742	0.869501	-1.15008
cg01336260	SAMD3	0.0116425	0.584802	0.76087	-1.31428	0.195336	0.507431	-1.97071	0.00130577	0.0984246	-10.1601	0.241114	0.544542	-1.83641	0.00437423	0.151776	-6.58864
cg25049486	SAMD3	0.0128001	0.31376	1.17043	1.17043	0.00228761	0.525116	-1.90434	0.145404	0.78966	-1.26637	0.0249265	0.668237	-1.49648	0.132585	0.782596	-1.2778

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16951105	0.0188611	0.140613	-7.11171	0.0136345	0.121911	-8.20273	0.332566	0.501885	-1.99249	0.0360459	0.186061	-5.37458	4.28497	32.2797	6.69621	1
cg06734342	0.0823952	0.641461	-1.55894	0.107586	0.666807	-1.49968	0.361928	0.805527	-1.24142	0.729729	1.08333	1.08333	4.24752	3.58247	0.749713	1
cg09545894	0.000104804	0.626474	-1.59623	1.15E-07	0.31387	-3.18604	0.00235743	0.748688	-1.33567	1.59E-05	0.544712	-1.83583	139.213	10.2614	0.0655197	1
cg14453577	0.567878	0.903821	-1.10641	0.0119339	1.73244	1.73244	0.274083	0.819266	-1.22061	0.0321301	0.644259	-1.55217	19.1257	9.29366	0.431934	1
cg04337937	0.460824	1.19972	1.19972	0.0323867	0.544703	-1.83586	0.000115038	0.193894	-5.15745	0.149853	0.68769	-1.45414	14.8423	13.8256	0.827995	1
cg03361776	0.00279682	0.371465	-2.69204	0.000314886	0.245747	-4.06922	0.0111734	2.14764	2.14764	0.0195859	0.507635	-1.96992	13.3911	12.2541	0.813416	1
cg07175985	0.726626	0.907342	-1.10212	0.000436043	0.214366	-4.66491	0.0731738	0.574904	-1.73942	0.783707	0.926609	-1.0792	6.48772	7.88531	1.08037	1
cg02736639	0.559332	1.1003	1.1003	0.630777	1.08156	1.08156	0.989311	0.997834	-1.00217	0.000286221	0.383345	-2.60861	5.68364	2.35948	0.369009	1
cg21042285	0.286432	0.718864	-1.39108	0.00641865	0.347418	-2.87838	0.0464302	1.97421	1.97421	0.263096	0.706175	-1.41608	5.57866	7.8557	1.25171	1
cg10560368	0.183141	1.13569	1.13569	0.000538148	1.62412	1.62412	0.725584	1.03225	1.03225	0.0558517	1.21549	1.21549	5.01369	0.644354	0.114239	1
cg25206802	0.17649	0.641364	-1.55918	0.347141	0.741381	-1.34883	0.833149	0.936872	-1.06738	0.363573	0.749292	-1.33459	5.00933	7.58048	1.34513	1
cg16923290	0.24627	0.735065	-1.36042	0.00382525	0.371653	-2.69068	0.973615	1.00843	1.00843	0.151131	0.676715	-1.47773	4.75918	4.31726	0.907142	1
cg24140343	0.541198	0.666019	-1.50146	0.21222	0.421715	-2.37127	0.38508	1.79526	1.79526	0.0583023	0.245133	-4.07943	3.67264	25.1148	6.07854	1
cg16041550	0.124738	1.67293	1.67293	0.00109805	0.225287	-4.43878	0.983988	0.993806	-1.00623	0.649087	1.15239	1.15239	8.08177	12.2702	1.34956	1
cg13387235	0.11568	0.459703	-2.17532	0.024688	0.296532	-3.37232	0.680654	1.20693	1.20693	0.823753	1.10669	1.10669	5.67189	18.5539	2.90773	1
cg16421285	0.480136	0.736904	-1.35703	0.00987849	0.249902	-4.00157	0.00299411	5.65042	5.65042	0.981345	0.990104	-1.00999	4.88805	14.0059	2.54696	1
cg08239694	0.204971	0.643847	-1.55316	0.000616375	0.176279	-5.67281	0.709014	0.883898	-1.13135	0.0621523	0.500911	-1.99636	4.77283	8.19296	1.52585	1
cg27333886	0.0280796	0.324091	-3.08555	0.0133292	0.264038	-3.78734	0.333626	0.648466	-1.5421	0.291547	0.621666	-1.60858	3.86331	11.5428	2.65582	1
cg24326880	0.252525	2.6	2.6	0.756043	1.28095	1.28095	?	?	?	0.00358167	0.0371638	-26.9079	4.34833	33.0678	7.6047	1
cg26870061	0.105746	0.405465	-2.46631	0.178571	2.05966	2.05966	?	?	?	0.0142085	5.05648	5.05648	8.68826	24.927	2.45918	1
cg07931151	0.178983	1.19581	1.19581	0.000539369	0.509614	-1.96227	0.110343	0.80416	-1.24353	0.654222	0.945093	-1.0581	4.32543	1.07481	0.220877	1
cg19342637	0.499963	0.865115	-1.15592	0.000294928	0.287183	-3.4821	0.532298	1.14323	1.14323	0.0670742	0.647704	-1.54391	12.7259	9.02514	0.630393	1
cg12579612	0.0349309	0.689762	-1.44977	0.00336762	1.82698	1.82698	0.498437	1.10943	1.10943	0.0921356	0.755677	-1.32332	7.20922	2.60704	0.321445	1
cg05085504	0.468568	0.860951	-1.16151	0.0583649	1.54381	1.54381	0.488986	0.867012	-1.15339	0.345398	1.2181	1.2181	3.76404	2.45707	0.580244	1
cg24413826	0.00195731	0.66039	-1.51426	0.0128463	1.3402	1.3402	0.00319564	1.46445	1.46445	0.134811	0.85831	-1.16508	20.9714	2.98315	0.126443	1
cg12036554	0.00415917	3.69489	3.69489	0.0802298	1.93542	1.93542	0.0201684	2.59452	2.59452	0.0728857	1.97532	1.97532	4.15343	7.6155	1.62981	1
cg22022797	0.691155	1.25019	1.25019	0.108873	2.65853	2.65853	0.456767	1.52775	1.52775	0.233264	2.01147	2.01147	4.04586	20.0361	4.402	1
cg21954173	0.710958	0.960858	-1.04074	0.000568207	0.564004	-1.77304	0.128258	1.19288	1.19288	0.0314663	0.762887	-1.31081	5.6898	1.03694	0.161996	1
cg23884421	0.337132	1.65708	1.65708	0.000513868	0.0628417	-15.913	0.150415	0.455343	-2.19615	0.760137	0.855318	-1.16916	4.72781	19.5038	3.66697	1
cg08110610	0.921191	1.02783	1.02783	5.36E-05	0.1236	-8.09062	0.905025	0.967427	-1.03367	0.0756368	0.577733	-1.7309	8.46637	10.3209	1.0836	1
cg06364159	0.24423	0.656353	-1.52357	9.03E-05	0.0889411	-11.2434	0.160355	0.595499	-1.67926	0.0421186	0.445174	-2.24631	8.15808	15.4338	1.68163	1
cg10389914	0.00338079	0.290507	-3.44226	0.179752	1.55566	1.55566	0.834713	1.06695	1.06695	0.194253	0.65316	-1.53102	7.28077	11.092	1.35419	1
cg04094641	0.0862979	0.370737	-2.69733	0.001774	0.0972535	-10.2824	0.117215	0.41024	-2.4376	0.124804	0.418929	-2.38704	4.69084	20.3686	3.85974	1
cg19149789	0.518698	0.755728	-1.32323	0.0390923	0.35979	-2.7794	0.030929	0.338014	-2.95846	0.505327	0.748748	-1.33556	3.47608	10.089	2.57992	1
cg00539322	0.0284088	0.447402	-2.23513	1.53E-05	0.0618154	-16.1772	0.380485	0.756011	-1.32273	0.00463848	0.310082	-3.22495	11.9012	18.2214	1.36093	1
cg05052243	0.000193074	0.318514	-3.13958	5.77E-07	0.0808333	-12.3711	0.227135	0.793627	-1.26004	0.000343611	0.349754	-2.85916	38.3368	20.1767	0.467824	1
cg17334927	0.795461	0.920685	-1.08615	0.147145	1.64029	1.64029	0.280037	0.699621	-1.42934	0.58101	0.837507	-1.19402	6.34637	10.171	1.42457	1
cg24101388	0.165641	1.52058	1.52058	0.426603	1.25871	1.25871	0.22978	0.699662	-1.42926	0.725759	0.905001	-1.10497	6.33257	8.05747	1.13101	1
cg19856594	0.412518	1.41641	1.41641	7.93E-05	0.0516439	-19.3634	0.281382	0.628017	-1.59231	0.377192	0.686252	-1.45719	9.89655	27.0604	2.43051	1
cg10261457	0.21634	1.56943	1.56943	0.0814704	1.95227	1.95227	0.20432	0.628731	-1.59051	0.772482	0.904447	-1.10565	6.19409	11.7734	1.68956	1
cg05404010	0.0487425	0.779367	-1.28309	0.66755	1.04902	1.04902	0.00389529	1.5379	1.5379	0.0477302	1.28495	1.28495	6.56835	1.27584	0.172659	1
cg05151154	0.611429	0.936065	-1.0683	4.40E-07	0.158357	-6.31485	0.572206	0.929042	-1.07638	0.15034	1.21997	1.21997	34.7638	9.15635	0.234122	1
cg16528497	0.968688	1.0044	1.0044	0.0840862	0.807617	-1.23821	0.000174378	0.490609	-2.03829	2.08E-06	0.271025	-3.68969	26.4509	5.23538	0.175936	1
cg08878368	0.00241112	0.106378	-9.40044	0.00341023	0.12125	-8.24741	0.0190347	0.222012	-4.50425	0.0608465	0.326168	-3.06591	15.0595	67.045	3.95735	1
cg02417084	0.0133151	0.307977	-3.247	0.00266266	0.202765	-4.93181	0.0031252	0.211837	-4.72061	0.0457704	0.415014	-2.40956	13.1715	30.7678	2.07639	1
cg08199953	0.00491878	0.113037	-8.84669	0.00151679	0.069076	-14.4768	0.00342429	0.0976071	-10.2452	0.277113	0.516135	-1.93748	10.4155	56.4758	4.81983	1
cg05044764	0.370139	0.857982	-1.16553	0.0240154	1.56525	1.56525	0.0113005	0.589775	-1.69556	0.00413653	0.52734	-1.89631	8.941	3.92232	0.389946	1
cg06724588	0.140248	0.683115	-1.46388	0.051868	0.587819	-1.7012	5.52E-05	0.164885	-6.06484	0.466273	0.836887	-1.19491	8.12827	7.42588	0.812077	1
cg06274671	0.0233712	0.717192	-1.39433	0.0554968	1.30511	1.30511	0.00184745	1.72015	1.72015	0.40912	1.10914	1.10914	6.40201	1.52646	0.211942	1
cg08526074	0.148994	0.405231	-2.46773	0.012082	6.21205	6.21205	?	?	?	0.0357236	4.164	4.164	5.81593	27.8935	4.79605	1
cg09016242	0.0727495	0.678578	-1.47367	0.0933956	0.699456	-1.42968	0.38496	1.18832	1.18832	0.0972504	1.42265	1.42265	5.56743	3.30831	0.528201	1
cg13755795	0.0132006	2.38611	2.38611	0.993672	0.997757	-1.00225	0.029605	2.06468	2.06468	0.4	0.78358	-1.27619	5.3071	5.98692	1.1281	1
cg04962978	0.0944922	1.50557	1.50557	0.0227959	1.83415	1.83415	0.191698	0.735151	-1.36026	0.36386	1.23088	1.23088	4.51684	3.54503	0.697641	1
cg06099646	0.0706627	1.61916	1.61916	0.102567	1.53137	1.53137	0.172017	0.706924	-1.41458	0.441534	0.829257	-1.2059	4.38382	3.95163	0.801254	1
cg08304084	0.349647	1.73404	1.73404	0.254242	1.97521	1.97521	0.554097	0.710227	-1.408	0.405975	0.615032	-1.62593	4.12509	21.3569	4.60207	1
cg00310215	0.348119	1.32769	1.32769	0.367827	0.762296	-1.31183	0.140225	0.627757	-1.59297	0.899429	1.0378	1.0378	3.93215	5.36155	1.21201	1
cg08439930	0.249445	0.624731	-1.60069	0.00209345	5.42948	5.42948	0.0426748	2.4892	2.4892	0.466133	1.33623	1.33623	3.50427	8.47722	2.15032	1
cg02498177	0.110299	1.58709	1.58709	0.355651	1.28683	1.28683	0.665597	1.12233	1.12233	0.193055	0.693786	-1.44137	3.49182	3.89575	0.991715	1
cg04698114	0.903797	1.05375	1.05375	0.46551	0.725006	-1.3793	0.910684	1.04978	1.04978	0.791258	1.12171	1.12171	5.46521	16.2262	2.63911	1
cg04550052	0.372705	0.804087	-1.24365	0.0118669	0.47314	-2.11354	0.0828869	0.632839	-1.58018	0.346848	1.25961	1.25961	3.7934	3.41065	0.7992	1
cg00898147	0.000875159	0.45467	-2.1994	0.113629	0.761961	-1.3124	0.000125588	0.348232	-2.87165	0.136871	1.28797	1.28797	10.9197	4.31337	0.351117	1
cg08182407	0.989599	1.00142	1.00142	2.32E-09	0.0480244	-20.8228	0.0542572	0.788228	-1.26867	0.184507	1.16572	1.16572	101.077	18.9998	0.167087	1
cg20980587	0.0116589	0.51415	-1.94496	2.12E-07	0.0364292	-27.4505	0.731455	0.92988	-1.07541	0.436188	0.845662	-1.18251	33.0907	23.3392	0.626944	1
cg02507889	0.932295	0.985096	-1.01513	5.27E-07	0.0847733	-11.7962	0.216968	1.25806	1.25806	0.133318	0.751129	-1.33133	29.9103	14.7947	0.439676	1
cg23983671	5.06E-05	0.0601703	-16.6195	2.88E-06	0.0159294	-62.7772	0.844812	1.07519	1.07519	0.000571232	0.138986	-7.19499	27.414	59.4179	1.9266	1
cg05678191	0.0221627	0.621838	-1.60813	6.30E-07	0.0941158	-10.6252	0.462248	1.13841	1.13841	0.298992	1.20498	1.20498	26.8662	12.7675	0.422421	1
cg02193951	0.0113607	0.499962	-2.00015	1.34E-06	0.0667882	-14.9727	0.0275064	1.76873	1.76873	0.138359	0.705397	-1.41764	25.2491	19.1337	0.6736	1
cg04389822	0.00213055	0.491457	-2.03476	1.59E-06	0.136597	-7.32082	0.406375	1.15005	1.15005	0.0137569	0.605754	-1.65083	22.2897	9.56311	0.381366	1
cg02705011	0.887554	1.01971	1.01971	9.67E-06	0.268789	-3.7204	0.30656	0.86414	-1.15722	0.482284	0.906186	-1.10353	11.8948	3.58467	0.26788	1
cg07382554	0.365441	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25891069	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04988994	0.298849	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13634602	0.290786	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13794993	0.281328	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03788215	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03712816	0.606589	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21779611	0.253115	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16284437	0.740002	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22242857	0.453917	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15013496	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05080154	0.596155	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24332577	0.780316	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23117699	1.20E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02063919	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16958351	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00169792	0.848044	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12288473	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16790466	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19871388	0.180933	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04312620	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13246583	0.528579	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10941835	0.327552	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14160518	0.28131	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06303238	0.342173	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17688733	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00034555	0.305796	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15568167	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03521468	0.130979	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03224418	0.103214	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15855336	0.489179	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03735847	?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13806162	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15896339	0.735286	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06838427	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22485363	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12454161	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10711230	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09180262	0.258496	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22416074	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00582671	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06091566	0.989396	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00145911	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02896266	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06036236	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25215298	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00976181	0.016704	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23225454	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ch.8.2353618R	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07960624	0.361651	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21500126	0.04472	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25206690	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27512513	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19537243	5.39E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02910011	0.039755	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20519373	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17210130	0.530194	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26283874	0.881612	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04034290	0.312075	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11555919	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15103960	0.46664	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05473018	0.609537	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22655521	0.604551	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04650899	0.751882	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21935549	0.118053	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11441693	0.916046	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23216654	0.493045	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19572766	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14929100	0.821804	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01336260	0.893515	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25049486	0.615709	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13599020	SAMD3	0.0397408	0.123524	0.344772	-2.90047	0.0149738	0.148163	-6.74932	0.00982648	0.124526	-8.03043	0.383698	0.565429	-1.76857	0.0738216	0.280271	-3.56798	0.0515563	0.243035	-4.11463	0.00689342	0.107235	-9.32536	0.323682	0.521707	-1.91679	0.0746214	0.281477	-3.55269	3.69196	23.8251	5.73621	1
cg11249120	SAMD3;SAMD3	9.12E-06	0.0759863	0.867938	-1.15216	0.00481135	0.764662	-1.30777	0.000603639	0.684291	-1.46137	1.07E-06	0.401271	-2.49208	1.58E-05	0.527718	-1.89495	0.0153371	1.23795	1.23795	0.000122793	1.61713	1.61713	0.436641	1.05857	1.05857	0.573297	1.04166	1.04166	41.5457	3.38513	0.0724263	1
cg02227813	SAMD3;SAMD3	0.0275652	0.309096	0.734228	-1.36197	0.121249	1.63737	1.63737	0.0467	0.512525	-1.95112	0.0140973	0.410961	-2.43332	0.0142005	0.411525	-2.42998	0.0812734	0.567112	-1.76332	0.976853	1.00855	1.00855	0.113779	1.65694	1.65694	0.422507	1.27182	1.27182	4.21091	5.74446	1.21261	1
cg09345868	SAMD3;SAMD3	0.0479319	0.114332	0.651647	-1.53457	0.544914	1.16507	1.16507	0.0257195	0.516575	-1.93583	0.0302412	0.529789	-1.88755	0.0166037	0.482183	-2.0739	0.012483	0.460697	-2.17062	0.580439	0.870046	-1.14937	0.975787	1.0076	1.0076	0.986695	1.00417	1.00417	3.44282	3.39006	0.875267	1
cg24753200	SAMD4A;SAMD4A	8.42E-07	0.807969	1.04784	1.04784	0.0249361	0.599243	-1.66877	0.0170276	0.572174	-1.74772	1.73E-06	0.100785	-9.92208	0.000267754	0.317331	-3.15128	0.57814	0.897804	-1.11383	1.31E-08	0.0136372	-73.3291	0.00161036	0.419826	-2.38194	0.179962	1.31426	1.31426	76.6179	44.6874	0.518444	1
cg26110727	SAMD4A;SAMD4A	3.72E-05	0.0227739	0.760286	-1.31529	0.000310086	0.555184	-1.80121	4.97E-06	0.351132	-2.84793	1.56E-05	0.407326	-2.45504	0.000560281	0.583911	-1.71259	0.000140578	0.51641	-1.93645	0.0798225	1.21588	1.21588	0.6192	0.950868	-1.05167	0.0322017	0.777047	-1.28692	28.7755	4.60818	0.142349	1
cg10874502	SAMD4A;SAMD4A	0.000189583	0.359352	1.19667	1.19667	0.000496556	0.354042	-2.82452	0.00228639	2.25347	2.25347	0.168067	0.755883	-1.32296	0.0611091	0.668945	-1.49489	0.705881	0.930317	-1.0749	0.0094657	1.87088	1.87088	0.661325	0.919448	-1.08761	1.45E-05	0.179542	-5.56973	18.6394	10.7141	0.510941	1
cg14870242	SAMD4A;SAMD4A	0.000237311	0.374681	0.738981	-1.35321	0.0568111	2.06844	2.06844	?	?	?	0.31539	0.708213	-1.412	0.000107421	0.0831157	-12.0314	0.0116556	0.339429	-2.94612	7.98E-05	13.5488	13.5488	0.469065	0.78333	-1.2766	?	?	?	23.4626	30.9329	1.31839	1
cg05130075	SAMD4A;SAMD4A	0.00177757	0.949	1.00778	1.00778	0.00218072	1.68379	1.68379	0.548122	0.928992	-1.07644	0.00181481	0.584278	-1.71152	0.145727	0.827531	-1.20841	0.0987053	0.80297	-1.24538	0.00049615	1.93607	1.93607	0.195361	0.847059	-1.18056	0.740595	1.04109	1.04109	9.97799	2.32131	0.206794	1
cg21243939	SAMD4A;SAMD4A	0.00196821	0.0742298	1.35941	1.35941	0.656699	1.07149	1.07149	0.571817	1.09219	1.09219	0.117141	1.30047	1.30047	0.232133	0.824132	-1.2134	0.0222917	0.655232	-1.52618	4.49E-05	0.303598	-3.29383	0.239579	0.826887	-1.20935	0.861091	0.973327	-1.0274	9.687	3.65529	0.335413	1
cg23224396	SAMD4A;SAMD4A	0.00197502	0.00482353	0.116592	-8.57694	0.000310379	0.0346325	-28.8746	0.00104899	0.0616088	-16.2314	0.00386629	0.106801	-9.36325	0.792078	0.85912	-1.16398	0.516872	0.685426	-1.45895	0.00493504	0.117644	-8.50024	0.455705	1.54753	1.54753	0.0483916	0.273553	-3.6556	9.67726	50.6288	4.65043	1
cg26350222	SAMD4A;SAMD4A	0.00252555	0.0098027	0.446949	-2.23739	0.00346642	0.375814	-2.66089	0.00181283	0.334958	-2.98545	0.093776	0.634759	-1.5754	0.0137941	0.472017	-2.11857	0.0207688	0.503325	-1.98679	0.000222439	0.219563	-4.5545	0.607645	0.880093	-1.13624	0.00662518	0.419274	-2.38508	9.00505	8.67545	0.856354	1
cg01030747	SAMD4A;SAMD4A	0.00475308	0.819653	0.941865	-1.06172	0.0760335	0.595835	-1.67832	0.0575286	0.569304	-1.75653	0.0336579	0.52168	-1.91688	0.237739	0.722982	-1.38316	0.0474574	0.551736	-1.81246	0.000269031	0.208549	-4.79503	0.0150747	2.18891	2.18891	0.761342	1.08317	1.08317	7.45277	8.11903	0.968354	1
cg27403778	SAMD4A;SAMD4A	0.00515217	0.180166	1.18952	1.18952	0.33347	0.885466	-1.12935	0.000173875	2.17504	2.17504	0.84384	0.976239	-1.02434	0.125256	1.22425	1.22425	0.26327	1.15281	1.15281	0.00572202	1.55545	1.55545	0.330443	1.13027	1.13027	0.164896	0.834727	-1.198	7.27168	1.7123	0.209311	1
cg02247898	SAMD4A;SAMD4A	0.0057492	0.574365	0.915657	-1.09211	0.431593	1.13274	1.13274	0.298457	1.18216	1.18216	0.00148209	0.490701	-2.0379	0.0395246	1.44733	1.44733	0.212506	0.815552	-1.22616	0.356126	0.862967	-1.15879	0.0121881	1.62421	1.62421	0.00585719	1.75086	1.75086	7.03111	2.68483	0.339423	1
cg12059104	SAMD4A;SAMD4A	0.0136995	0.0146178	0.588294	-1.69983	0.303365	0.828527	-1.20696	0.0244373	1.60493	1.60493	0.872853	0.972136	-1.02866	0.00890322	1.79906	1.79906	0.204825	0.789731	-1.26625	0.217378	0.795337	-1.25733	0.141577	1.32167	1.32167	0.0275567	1.58376	1.58376	5.33778	2.63198	0.438299	1
cg06914133	SAMD4A;SAMD4A	0.0158644	0.20412	0.755804	-1.32309	0.0172875	0.545652	-1.83267	0.0028202	0.423405	-2.36181	0.217916	0.762795	-1.31097	0.00570709	0.468961	-2.13237	0.416927	0.840875	-1.18924	0.0696725	1.5278	1.5278	0.533871	0.87667	-1.14068	0.100615	0.686799	-1.45603	5.08537	3.51498	0.614396	1
cg07921759	SAMD4A;SAMD4A	0.0169201	0.00868599	0.50559	-1.97789	0.149652	1.37027	1.37027	0.029843	0.593783	-1.68412	0.0080784	0.500681	-1.99728	0.325896	0.813141	-1.2298	0.292277	1.24959	1.24959	0.580307	0.892355	-1.12063	0.0858583	1.4727	1.4727	0.0738419	0.666093	-1.50129	4.97732	3.27811	0.585431	1
cg18265575	SAMD4A;SAMD4A	0.0229064	0.101356	0.532854	-1.87669	0.599943	1.20408	1.20408	0.113066	0.545961	-1.83163	0.987877	1.00535	1.00535	0.00615602	0.285334	-3.50466	0.462083	0.768958	-1.30046	0.00630072	0.286903	-3.4855	0.330311	1.42265	1.42265	0.0110968	0.327099	-3.05718	4.49116	8.75967	1.73371	1
cg12077344	SAMD4A;SAMD4A	0.024451	0.787529	0.96511	-1.03615	0.320746	0.873831	-1.14439	0.393948	1.12164	1.12164	0.436546	0.900916	-1.10998	0.0727217	0.768593	-1.30108	0.834148	1.02795	1.02795	0.000723205	1.96612	1.96612	0.523001	0.91842	-1.08883	0.67494	1.05701	1.05701	4.39097	1.20183	0.243294	1
cg16508438	SAMD4A;SAMD4A	0.0297703	0.141819	2.02006	2.02006	0.559371	1.30055	1.30055	0.753913	0.869369	-1.15026	0.146823	1.99999	1.99999	0.00574492	5.01058	5.01058	0.833815	0.910715	-1.09804	0.002857	6.21635	6.21635	0.0676908	2.48708	2.48708	0.0688993	2.47491	2.47491	4.098	12.8609	2.78963	1
cg16398105	SAMD4A;SAMD4A	0.0329411	0.020272	0.676913	-1.4773	0.200135	0.828042	-1.20767	0.782568	0.962164	-1.03932	0.559171	0.920952	-1.08583	0.816422	1.03295	1.03295	0.193875	1.21125	1.21125	0.00302675	1.76219	1.76219	0.441332	1.11568	1.11568	0.350128	0.874515	-1.14349	3.95259	1.21683	0.273649	1
cg20629089	SAMD4A;SAMD4A	0.0390495	0.1896	0.873472	-1.14486	0.11207	1.18347	1.18347	0.275955	0.895532	-1.11666	0.599673	1.05292	1.05292	0.0123478	1.35432	1.35432	0.0283756	0.777302	-1.2865	0.0407371	0.794538	-1.25859	0.919803	0.990243	-1.00985	0.872467	1.01576	1.01576	3.71585	0.557851	0.133446	1
cg13706079	SAMD4A;SAMD4A	0.0398006	0.838899	1.05786	1.05786	0.736886	0.911027	-1.09766	0.00479846	0.355488	-2.81303	0.190289	1.46711	1.46711	0.0871164	0.593312	-1.68545	0.0379351	0.514256	-1.94456	0.107092	1.62594	1.62594	0.291827	0.739158	-1.35289	0.282015	0.734224	-1.36198	3.68992	4.46264	1.07503	1
cg20074307	SAMD4A;SAMD4A	0.0457083	0.50795	1.26333	1.26333	0.501486	0.788654	-1.26798	0.0319465	0.416951	-2.39837	0.256016	0.661893	-1.51082	0.00355792	0.252933	-3.95362	0.284638	0.679221	-1.47228	0.234837	0.648325	-1.54244	0.138762	1.74127	1.74127	0.1255	0.561548	-1.78079	3.50495	6.72357	1.70516	1
cg24663397	SAMD4A;SAMD4A	0.046297	0.0469215	0.598284	-1.67145	0.441028	0.837408	-1.19416	0.231094	1.32804	1.32804	0.434272	1.19744	1.19744	0.300848	1.27394	1.27394	0.164472	0.715353	-1.39791	0.00405137	2.39076	2.39076	0.661867	1.10449	1.10449	0.351515	1.24178	1.24178	3.48814	2.8178	0.718064	1
cg27127645	SAMD4A;SAMD4A;SAMD4A	0.000888567	0.153609	0.717413	-1.3939	0.490266	1.16454	1.16454	0.613067	0.895074	-1.11723	0.162599	1.38271	1.38271	4.21E-05	0.18372	-5.44307	0.000427452	0.297568	-3.36057	0.0243692	0.558112	-1.79176	0.306813	1.25857	1.25857	0.543152	0.874775	-1.14315	12.1666	9.10493	0.665206	1
cg23691492	SAMD4A;SAMD4A;SAMD4A	0.00865259	0.33234	0.887246	-1.12708	0.657675	1.0548	1.0548	0.543941	1.07625	1.07625	0.432998	1.10045	1.10045	0.10372	1.23719	1.23719	0.945426	0.991844	-1.00822	0.000255312	2.05558	2.05558	0.464858	1.09306	1.09306	0.0235314	0.723561	-1.38205	6.1891	1.40269	0.201456	1
cg18118490	SAMD4A;SAMD4A;SAMD4A	0.0136224	0.0271565	0.336482	-2.97193	0.249107	1.65161	1.65161	0.519953	0.762109	-1.31215	0.363917	0.677989	-1.47495	0.121467	0.496925	-2.01238	0.0798253	0.445011	-2.24713	0.00182382	0.157984	-6.32976	0.0234186	3.08914	3.08914	0.0989353	0.470706	-2.12447	5.34767	14.6935	2.44236	1
cg21554616	SAMD4A;SAMD4A;SAMD4A	0.0162943	0.0172864	0.445237	-2.24599	0.00108795	0.260492	-3.83889	0.377916	0.776897	-1.28717	0.398772	1.2726	1.2726	0.0313084	0.494161	-2.02363	0.0411361	0.518153	-1.92993	0.382639	0.778933	-1.28381	0.333874	1.32065	1.32065	0.142353	0.643988	-1.55282	5.04032	6.2156	1.09616	1
cg16075775	SAMD4A;SAMD4A;SAMD4A	0.032518	0.0905778	2.39593	2.39593	0.00192786	7.82103	7.82103	0.0817249	2.46944	2.46944	0.353145	1.5647	1.5647	0.0631197	2.66313	2.66313	0.0528498	2.80447	2.80447	0.159772	0.494645	-2.02165	0.297351	1.65909	1.65909	0.720816	1.18312	1.18312	3.97097	13.8099	3.09129	1
cg09399131	SAMD4A;SAMD4A;SAMD4A	0.0355648	0.488353	0.90458	-1.10549	0.364734	1.14188	1.14188	0.00394019	0.575487	-1.73766	0.224324	0.833736	-1.19942	0.0314731	0.698094	-1.43247	0.0268605	0.688316	-1.45282	0.104446	0.776592	-1.28768	0.381099	1.13653	1.13653	0.115502	0.783684	-1.27602	3.84477	1.23575	0.285698	1
cg14906944	SAMD4A;SAMD4A;SAMD4A	0.0380304	0.999477	0.999825	-1.00017	0.0940055	0.61181	-1.63449	0.00320416	0.341775	-2.9259	0.509412	0.836452	-1.19553	0.00538919	0.376216	-2.65805	0.258931	0.730307	-1.36929	0.423932	1.24349	1.24349	0.601544	0.868848	-1.15095	0.506852	0.835522	-1.19686	3.75204	4.23121	1.00241	1
cg23546851	SAMD4B	0.00129964	0.909126	1.01489	1.01489	0.40122	1.11761	1.11761	0.460739	0.907385	-1.10207	0.545054	1.08249	1.08249	0.603723	1.07012	1.07012	0.228538	1.17769	1.17769	4.51E-05	0.368266	-2.71543	0.0349507	1.37445	1.37445	0.00482656	1.62232	1.62232	10.9199	2.89665	0.235789	1
cg21911861	SAMD4B	0.00236865	0.037021	0.741678	-1.34829	0.248191	0.861601	-1.16063	0.714896	1.04631	1.04631	0.134413	0.819407	-1.22039	0.0038065	0.617809	-1.61862	0.00222236	0.589309	-1.6969	0.000221385	0.468098	-2.13631	0.234947	1.16604	1.16604	0.182196	1.19091	1.19091	9.17647	2.21301	0.214365	1
cg15473329	SAMD4B	0.00258257	0.00564079	2.32182	2.32182	0.00458583	2.39909	2.39909	0.33158	0.792717	-1.26148	0.0619191	1.6282	1.6282	0.0102946	0.472494	-2.11643	0.357332	0.802912	-1.24547	0.775487	0.935844	-1.06855	0.000543653	3.47786	3.47786	0.824154	1.05296	1.05296	8.94601	7.61841	0.756976	1
cg18452263	SAMD4B	0.0204009	0.126598	1.40869	1.40869	0.329896	0.811809	-1.23182	0.209373	0.760063	-1.31568	0.204947	0.757803	-1.3196	0.00874123	0.500251	-1.999	0.0225552	1.76192	1.76192	0.044623	0.619958	-1.61301	0.0751625	1.50813	1.50813	0.424023	1.18448	1.18448	4.67291	3.18212	0.605308	1
cg18566672	SAMD4B	0.0431639	0.0121211	0.434941	-2.29916	0.453308	0.815968	-1.22554	0.574705	0.859901	-1.16292	0.212981	0.705267	-1.4179	0.0152765	0.452501	-2.20994	0.172305	0.679263	-1.47218	0.00367838	0.351572	-2.84437	0.584181	0.863174	-1.15851	0.101637	0.62058	-1.6114	3.58078	4.01951	0.997798	1
cg07936285	SAMD5	0.00244866	0.490883	0.952396	-1.04998	0.000703405	0.697664	-1.43336	0.837037	1.01446	1.01446	0.0815222	1.14405	1.14405	0.00335897	1.32065	1.32065	0.00684833	1.27649	1.27649	0.902769	1.00856	1.00856	0.0403885	1.17943	1.17943	0.0140468	1.23535	1.23535	9.08734	0.699251	0.0683981	1
cg01862172	SAMD5	0.00626946	0.0331972	1.33714	1.33714	0.228404	0.862841	-1.15896	0.102489	1.23185	1.23185	0.0228948	0.727847	-1.37392	0.111555	1.22416	1.22416	0.640786	1.05637	1.05637	0.000568349	0.536335	-1.8645	0.142891	0.832135	-1.20173	0.579097	1.06757	1.06757	6.84556	1.47646	0.191717	1
cg24058446	SAMD5	0.00672336	0.268347	0.721952	-1.38513	0.00371928	0.330415	-3.02649	0.0211626	0.456921	-2.18856	0.796028	1.07595	1.07595	0.114217	0.615371	-1.62503	0.193569	0.677905	-1.47513	0.0017395	0.283136	-3.53187	0.0880475	0.587455	-1.70226	0.000841897	0.241956	-4.13299	6.6987	8.47211	1.12421	1
cg00456582	SAMD5	0.0194357	0.18275	0.77606	-1.28856	0.108293	1.36909	1.36909	0.444653	1.14996	1.14996	0.142019	0.753468	-1.3272	0.095809	1.38822	1.38822	0.528599	0.891833	-1.12129	0.00353613	0.492126	-2.032	0.422542	0.863382	-1.15824	0.00923114	0.552918	-1.80859	4.75047	2.4191	0.452653	1
cg24900370	SAMD5	0.0388324	0.584956	1.15746	1.15746	0.0127582	2.2713	2.2713	0.290762	1.33733	1.33733	0.349341	0.774586	-1.29101	0.395488	0.793961	-1.25951	0.00567251	0.382083	-2.61723	0.753758	0.919954	-1.08701	0.158208	1.49178	1.49178	0.864224	0.955637	-1.04642	3.72346	4.14532	0.989597	1
cg15863148	SAMD5	0.0483816	0.0860517	1.38675	1.38675	0.0409833	1.50163	1.50163	0.67911	0.930805	-1.07434	0.341604	1.18402	1.18402	0.446868	1.14298	1.14298	0.840618	1.03532	1.03532	0.00468517	0.523104	-1.91167	0.695868	1.07006	1.07006	0.221588	1.2479	1.2479	3.43068	1.61443	0.418298	1
cg05721199	SAMD7	0.00134938	0.0160386	1.70736	1.70736	0.0358765	0.642055	-1.5575	0.00173157	0.444398	-2.25023	0.721862	1.06702	1.06702	0.00230212	0.461568	-2.16653	0.120221	1.35787	1.35787	0.00256421	2.13616	2.13616	0.0181977	0.594301	-1.68265	0.242035	1.24887	1.24887	10.8031	5.63594	0.463731	1
cg25345722	SAMD7	0.00300366	0.904369	0.976218	-1.02436	0.00213709	0.42153	-2.37231	0.00368424	0.45563	-2.19477	0.08756	0.685461	-1.45887	0.432196	1.17412	1.17412	0.0925767	1.44868	1.44868	0.000562261	0.34272	-2.91783	0.687607	0.922243	-1.08431	0.0122254	0.535195	-1.86848	8.55506	5.43345	0.564548	1
cg15960036	SAMD7	0.0167838	0.815768	1.06491	1.06491	0.0145038	0.444149	-2.2515	0.00113278	0.275084	-3.63526	0.742754	0.915072	-1.09281	0.414787	1.25187	1.25187	0.250238	0.723411	-1.38234	0.00772457	0.397659	-2.51472	0.993022	0.997646	-1.00236	0.482053	0.824853	-1.21234	4.9908	5.73991	1.02231	1
cg04039225	SAMD7;SAMD7	0.0112418	0.473268	0.899975	-1.11114	0.000531184	0.458686	-2.18014	0.00236417	0.541896	-1.84537	0.458199	0.896605	-1.11532	0.209339	0.825983	-1.21068	0.0143943	0.646718	-1.54627	0.539261	0.914108	-1.09396	0.409805	0.885335	-1.12952	0.257772	0.843138	-1.18605	5.69247	1.88201	0.293879	1
cg14301562	SAMD8	0.00240612	0.0264409	0.559394	-1.78765	0.00854342	0.476809	-2.09727	0.016929	0.525718	-1.90216	0.0106964	2.03025	2.03025	0.00112792	0.347175	-2.88039	0.843398	0.957282	-1.04462	0.0119208	0.500254	-1.99899	0.0260981	1.79088	1.79088	0.367687	0.815263	-1.2266	9.13427	7.04827	0.685892	1
cg09454892	SAMD8	0.00242448	0.628647	1.12674	1.12674	0.000150324	4.92173	4.92173	0.00449657	2.52777	2.52777	0.0144102	2.09268	2.09268	0.0237096	0.516265	-1.93699	0.275202	1.32043	1.32043	0.210888	0.724137	-1.38095	0.211026	1.38081	1.38081	0.643147	1.12102	1.12102	9.11389	8.65374	0.84401	1
cg06832364	SAMD8	0.0202675	0.489026	1.33858	1.33858	0.532482	0.769259	-1.29995	0.207934	0.576438	-1.73479	0.319214	1.5328	1.5328	0.000503865	0.104734	-9.548	0.752485	0.876985	-1.14027	0.593519	1.25048	1.25048	0.69711	0.850198	-1.1762	0.0415038	0.377071	-2.65202	4.68336	12.7687	2.42347	1
cg18373552	SAMD8	0.0354848	0.000920621	0.198069	-5.04875	0.98636	1.00561	1.00561	0.935223	1.02694	1.02694	0.815183	1.07958	1.07958	0.114891	0.570823	-1.75186	0.980325	1.0081	1.0081	0.133904	1.69666	1.69666	0.77365	0.910004	-1.0989	0.313953	0.71136	-1.40576	3.84791	6.51797	1.50569	1
cg24669786	SAMD9	0.0023766	0.0516828	0.377066	-2.65205	0.000270548	0.0720606	-13.8772	0.00993785	0.23832	-4.19604	0.00246694	0.156589	-6.38613	0.00629202	0.208572	-4.7945	0.0569066	0.38713	-2.58311	0.00810527	0.224667	-4.45104	0.0665279	0.404053	-2.47492	0.00104652	0.118073	-8.46935	9.16745	28.164	2.73082	1
cg18346544	SAMD9	0.0121779	0.0124132	1.51184	1.51184	0.00380988	1.67915	1.67915	0.896882	0.982925	-1.01737	0.336226	1.14077	1.14077	0.0650683	0.759474	-1.3167	0.00498631	1.63827	1.63827	0.0414265	1.36668	1.36668	0.79224	0.965544	-1.03569	0.951471	0.991949	-1.00812	5.54693	1.54991	0.24837	1
cg06654604	SAMD9L	0.00110967	0.00245631	0.332814	-3.00468	0.611187	1.14326	1.14326	0.709085	0.906768	-1.10282	0.00313153	0.348226	-2.8717	0.0581718	0.571715	-1.74912	0.014036	0.452947	-2.20776	3.45E-05	0.123388	-8.10454	0.0135826	0.45046	-2.21995	0.239969	0.725204	-1.37892	11.4238	12.3383	0.960047	1
cg11214047	SAMD9L	0.00196833	0.341668	0.704912	-1.41862	0.327995	0.697431	-1.43383	0.00224012	0.217105	-4.60608	0.00162533	0.199554	-5.01118	0.00133158	0.189146	-5.28693	0.116064	0.543588	-1.83963	0.000935781	0.171632	-5.82642	0.395883	0.733222	-1.36384	0.000647987	0.154575	-6.46935	9.68683	19.5417	1.7932	1
cg27451843	SAMD9L	0.00496895	0.10334	0.7066	-1.41523	0.0022999	0.435827	-2.29449	0.227898	0.781356	-1.27983	0.500907	1.14245	1.14245	0.0151639	0.559038	-1.78879	0.00102197	0.387055	-2.58361	0.0358965	1.60934	1.60934	0.552435	1.1243	1.1243	0.0922673	0.696827	-1.43508	7.35256	4.42491	0.53495	1
cg01437209	SAMD9L	0.0158563	0.513154	1.18428	1.18428	0.794879	1.0687	1.0687	0.0217599	0.495391	-2.01861	0.67415	1.11388	1.11388	0.886037	0.964087	-1.03725	0.00123993	0.300043	-3.33285	0.112991	1.55262	1.55262	0.664526	0.894687	-1.11771	0.017249	0.477162	-2.09572	5.08622	5.23957	0.915689	1
cg23888977	SAMHD1	0.000537709	0.0942486	0.747245	-1.33825	0.285065	1.19227	1.19227	0.028004	1.5085	1.5085	0.0403593	0.687254	-1.45507	0.0431833	0.691842	-1.44542	0.00280627	0.520946	-1.91959	2.83E-05	0.271562	-3.6824	0.0492488	0.700843	-1.42685	0.00138748	0.479971	-2.08346	14.0049	5.56363	0.353124	1
cg00642209	SAMHD1	0.00204517	0.366475	1.37223	1.37223	3.31E-05	0.0640606	-15.6102	0.69824	0.875575	-1.14211	0.716213	1.1326	1.1326	0.0361136	2.29615	2.29615	0.798653	1.09109	1.09109	0.773666	1.10334	1.10334	0.641994	1.17314	1.17314	0.346654	1.3917	1.3917	9.57933	17.6479	1.63759	1
cg06097592	SAMHD1	0.00361202	0.00106269	0.686722	-1.45619	0.0669268	1.17294	1.17294	0.0471979	1.19288	1.19288	0.191352	0.898131	-1.11342	0.812879	1.01859	1.01859	0.345961	1.0783	1.0783	0.0495551	0.840279	-1.19008	0.00902031	1.29412	1.29412	0.00992569	1.28784	1.28784	8.09704	0.773553	0.0849202	1
cg22769031	SAMHD1	0.0411521	0.113532	0.710706	-1.40705	0.00144462	2.49201	2.49201	0.780447	1.05698	1.05698	0.28415	0.801992	-1.2469	0.965479	0.991454	-1.00862	0.418781	0.848875	-1.17803	0.868695	0.96772	-1.03336	0.578081	0.894558	-1.11787	0.261196	1.2616	1.2616	3.64475	2.27028	0.553682	1
cg12517061	SAMHD1;C20orf118	0.00714667	0.23149	1.53941	1.53941	0.00771269	0.308314	-3.24344	0.533084	0.804927	-1.24235	0.160628	1.6739	1.6739	0.658031	0.858024	-1.16547	0.00814541	0.312168	-3.2034	0.000564358	0.159285	-6.27805	0.985558	1.00624	1.00624	0.94176	0.975198	-1.02543	6.57245	12.2992	1.6634	1
cg19940389	SAMM50	0.000982689	0.839505	1.05559	1.05559	0.109379	0.627699	-1.59312	0.00172385	0.303305	-3.29701	0.000370951	0.218755	-4.57133	0.140077	0.654744	-1.52731	0.888685	0.963328	-1.03807	0.000107477	0.161675	-6.18527	0.166473	1.48227	1.48227	0.0121901	0.434618	-2.30087	11.8249	13.3287	1.00193	1
cg05506448	SAMM50	0.00197745	0.723688	1.03796	1.03796	0.6472	0.952789	-1.04955	0.471622	0.926028	-1.07988	0.730249	0.964325	-1.03699	0.30989	0.895579	-1.1166	0.0015224	1.6146	1.6146	7.51E-05	0.470351	-2.12607	0.968534	0.995869	-1.00415	0.347695	0.9035	-1.10681	9.6738	1.68768	0.155075	1
cg12158982	SAMM50	0.0196585	0.0218622	0.658553	-1.51848	0.541349	1.09842	1.09842	0.181177	1.24053	1.24053	0.0519435	0.714799	-1.39899	0.173447	0.802597	-1.24596	0.068459	0.733673	-1.36301	0.0164174	1.56088	1.56088	0.31219	1.17202	1.17202	0.0464571	1.41379	1.41379	4.73215	1.72768	0.324529	1
cg13951664	SAMSN1	0.0177192	0.00713434	0.156028	-6.40911	0.381501	0.618873	-1.61584	0.0408116	0.283	-3.53357	0.00868064	0.167253	-5.97898	0.00420745	0.12883	-7.76215	0.145338	0.433452	-2.30706	0.0262606	0.244323	-4.09294	0.957244	0.971744	-1.02908	0.0189489	0.218907	-4.56815	4.90096	22.1847	4.02366	1
cg01646575	SAP130;SAP130	0.00138167	0.346698	0.877873	-1.13912	0.00353439	1.70157	1.70157	0.0260565	1.42617	1.42617	0.284706	1.16111	1.16111	0.934411	0.988997	-1.01113	0.126736	1.24861	1.24861	7.63E-05	0.381403	-2.6219	0.128853	0.802031	-1.24684	0.843502	0.973782	-1.02692	10.73	3.07052	0.254366	1
cg03286262	SAP130;SAP130	0.00241339	0.000190692	0.102658	-9.74105	0.0206314	0.364481	-2.74363	0.00484798	0.258594	-3.86707	0.389617	1.376	1.376	0.589669	1.2179	1.2179	0.00490068	0.259287	-3.85673	0.0105534	0.312012	-3.20501	0.626997	1.19399	1.19399	0.0494292	0.44407	-2.2519	9.12617	18.9455	1.84529	1
cg15673240	SAP130;SAP130	0.0138523	0.00539444	0.421431	-2.37287	0.0816821	0.634339	-1.57644	?	?	?	0.461006	1.19369	1.19369	0.170854	0.708922	-1.41059	0.950939	1.01462	1.01462	0.318819	1.27513	1.27513	0.144389	0.690815	-1.44756	0.00151236	0.34027	-2.93884	5.42049	4.2467	0.783454	1
cg18249149	SAP130;SAP130	0.0151165	0.209809	0.895205	-1.11706	0.590033	1.04661	1.04661	0.0140259	1.28924	1.28924	0.698114	0.967881	-1.03318	0.850442	1.01594	1.01594	0.0406825	1.21888	1.21888	0.00152116	0.682233	-1.46577	0.306021	0.915058	-1.09283	0.465708	0.939714	-1.06415	5.16746	0.574142	0.0987619	1
cg15634735	SAP130;SAP130	0.0249494	0.0817847	0.845989	-1.18205	0.136451	1.14927	1.14927	0.00923412	1.33181	1.33181	0.695723	1.03467	1.03467	0.647346	0.960847	-1.04075	0.301471	0.911344	-1.09728	0.204488	1.12312	1.12312	0.17383	1.13368	1.13368	0.00434481	1.39163	1.39163	4.36031	0.519292	0.105863	1
cg15586679	SAP130;SAP130	0.0420571	0.324798	0.911815	-1.09671	0.0335859	1.2528	1.2528	0.0561864	0.821726	-1.21695	0.819697	0.979485	-1.02094	0.503172	0.940176	-1.06363	0.012044	0.752541	-1.32883	0.246799	0.895875	-1.11623	0.486603	1.06628	1.06628	0.0746964	1.19752	1.19752	3.6155	0.472017	0.116048	1
cg23082003	SAP18	0.000104055	8.55E-05	0.130788	-7.64596	0.0153409	0.424055	-2.35818	0.00103256	0.246245	-4.061	0.00955931	0.388274	-2.5755	4.71E-05	0.109462	-9.13563	0.00110871	0.250189	-3.99698	2.09E-05	0.084228	-11.8725	0.000222787	0.170038	-5.88103	0.00392966	0.326709	-3.06083	21.9063	28.834	1.16999	1
cg04592544	SAP18	0.00603775	0.178091	0.789052	-1.26734	0.924943	1.01572	1.01572	0.0540475	0.69624	-1.43629	0.840453	0.967177	-1.03394	0.000188515	0.352475	-2.83708	0.101763	0.743349	-1.34526	0.00280075	0.505623	-1.97776	0.435812	0.876659	-1.14069	0.690144	1.0686	1.0686	6.92574	3.00699	0.385934	1
cg25495394	SAP18	0.0187624	0.00334021	0.613713	-1.62943	0.677511	0.950164	-1.05245	0.427006	0.905617	-1.10422	0.0558289	0.76733	-1.30322	0.0966448	0.800159	-1.24975	0.304347	0.878068	-1.13886	0.00229408	0.593917	-1.68374	0.159771	1.20156	1.20156	0.775682	0.965681	-1.03554	4.80746	1.13768	0.210354	1
cg08346664	SAP18	0.0249194	0.0199919	1.41877	1.41877	0.169834	0.833461	-1.19982	0.00592721	1.56581	1.56581	0.0300557	1.37423	1.37423	0.736303	1.04301	1.04301	0.0409227	1.34173	1.34173	0.266681	0.865734	-1.15509	0.582995	0.933254	-1.07152	0.760715	0.96266	-1.03879	4.36213	1.07233	0.218512	1
cg04902856	SAP25	0.0230175	0.713598	0.929768	-1.07554	0.0164727	0.560526	-1.78404	0.42087	1.17638	1.17638	0.17172	1.33297	1.33297	0.0422327	0.629881	-1.5876	0.356602	1.20599	1.20599	0.00209064	0.425144	-2.35214	0.833511	0.959272	-1.04246	0.354296	0.828407	-1.20714	4.48368	2.77101	0.549353	1
cg09945681	SAP25	0.0363767	0.298416	0.748234	-1.33648	0.321858	0.759273	-1.31705	0.773401	0.925255	-1.08078	0.00800016	0.400676	-2.49578	0.613005	1.14711	1.14711	0.0170528	0.457199	-2.18723	0.771386	0.924594	-1.08156	0.975217	0.991676	-1.00839	0.00407648	0.354386	-2.82178	3.81338	4.37332	1.01941	1
cg27542828	SAP25	0.0440325	0.518949	0.866126	-1.15457	0.606601	1.12095	1.12095	0.0611177	0.628836	-1.59024	0.754588	1.07136	1.07136	0.170849	0.725748	-1.37789	0.0244322	0.554665	-1.80289	0.0076523	0.470674	-2.12461	0.210607	1.33639	1.33639	0.0495648	0.6111	-1.63639	3.55429	2.71997	0.680235	1
cg09201783	SAP25;LRCH4	0.00377619	0.100667	0.709105	-1.41023	0.235974	1.26796	1.26796	0.573788	0.897044	-1.11477	0.0333599	0.621661	-1.60859	0.000869826	0.384806	-2.59871	0.981094	0.99548	-1.00454	0.000835434	0.382465	-2.61462	0.150127	1.34301	1.34301	0.0120002	0.549324	-1.82042	7.98975	4.62452	0.514495	1
cg06231285	SAP25;LRCH4	0.00610971	0.245352	1.19628	1.19628	0.114738	0.776483	-1.28786	0.137849	1.26575	1.26575	0.018492	0.656148	-1.52405	0.0559665	0.726643	-1.37619	0.00719421	0.599486	-1.66809	0.00409902	0.566653	-1.76475	0.997995	1.00037	1.00037	0.0018814	0.522036	-1.91558	6.90043	2.37729	0.306234	1
cg18965055	SAP30	0.036862	0.158343	0.876063	-1.14147	0.0157967	1.29624	1.29624	0.0115622	1.31925	1.31925	0.83609	1.01834	1.01834	0.186465	1.13075	1.13075	0.343535	0.917947	-1.08939	0.0280316	1.25572	1.25572	0.432659	1.07279	1.07279	0.367666	0.922016	-1.08458	3.79503	0.462719	0.10838	1
cg20938708	SAP30BP	0.00115853	0.0190066	0.578371	-1.72899	0.00276146	0.451059	-2.21701	0.158714	0.747896	-1.33708	0.549323	0.889741	-1.12392	0.0161402	0.566904	-1.76397	0.443012	0.860005	-1.16278	0.000779339	0.375276	-2.66471	0.504148	0.877476	-1.13963	4.08E-05	0.221115	-4.52254	11.2844	6.64502	0.523437	1
cg04546917	SAP30BP	0.00301762	0.159306	0.548766	-1.82227	0.519046	0.770434	-1.29797	0.073164	0.450561	-2.21946	0.91929	1.04127	1.04127	0.000502454	0.114108	-8.76363	0.00254496	0.188124	-5.31565	0.000589076	0.120248	-8.31615	0.583489	1.24722	1.24722	0.0211893	0.331044	-3.02074	8.54328	21.5377	2.2409	1
cg18563987	SAP30BP	0.0304384	0.389609	0.764115	-1.3087	0.524228	0.821237	-1.21768	0.00758874	0.350689	-2.85153	0.152329	0.626329	-1.59661	0.00346362	0.297883	-3.35702	0.0507175	0.506947	-1.97259	0.153478	0.627263	-1.59423	0.176039	1.55115	1.55115	0.30112	0.721125	-1.38672	4.06581	5.99641	1.31097	1
cg09636406	SAP30BP;RECQL5;RECQL5;RECQL5;RECQL5;RECQL5;RECQL5	0.0255143	0.804758	1.05694	1.05694	0.4623	0.845929	-1.18213	0.0099077	0.482598	-2.07212	0.234141	0.75662	-1.32167	0.191205	0.733855	-1.36267	0.000900257	0.329226	-3.03743	0.257684	0.767879	-1.30229	0.57368	1.13556	1.13556	0.840423	0.95592	-1.04611	4.32645	3.42616	0.70392	1
cg26561623	SAP30BP;RECQL5;RECQL5;RECQL5;RECQL5;RECQL5;RECQL5	0.0278507	0.69444	0.942704	-1.06078	0.0502065	1.39604	1.39604	0.766407	1.04553	1.04553	0.477694	1.11392	1.11392	0.0295828	1.4664	1.4664	0.56208	1.09155	1.09155	0.00453052	0.568228	-1.75986	0.841587	0.970537	-1.03036	0.0349247	1.4439	1.4439	4.19567	1.48412	0.314424	1
cg16274061	SAP30L;SAP30L;SAP30L;SAP30L	0.000313606	0.5498	0.895425	-1.11679	0.190649	1.28783	1.28783	0.806837	1.04573	1.04573	0.418789	1.16277	1.16277	0.315473	1.2086	1.2086	0.0435946	0.654737	-1.52733	3.88E-06	0.140415	-7.12174	0.376149	1.18032	1.18032	0.265899	1.23568	1.23568	16.2515	8.57617	0.46908	1
cg14852282	SAP30L;SAP30L;SAP30L;SAP30L	0.000514799	0.00250219	1.32438	1.32438	0.565753	0.961906	-1.0396	0.491768	1.04782	1.04782	0.687214	1.02745	1.02745	0.238344	0.920699	-1.08613	0.00140295	0.733819	-1.36273	3.64E-05	0.587484	-1.70217	0.041258	1.17059	1.17059	0.931918	1.00573	1.00573	14.1753	1.00475	0.0630047	1
cg17558547	SAP30L;SAP30L;SAP30L;SAP30L	0.0234674	0.0656341	0.66034	-1.51437	0.309654	0.809624	-1.23514	0.884018	0.971105	-1.02976	0.113325	1.41359	1.41359	0.00880695	0.511709	-1.95424	0.0198073	0.568274	-1.75971	0.206134	1.30719	1.30719	0.0488419	1.57127	1.57127	0.304446	0.807645	-1.23817	4.45383	2.84625	0.568049	1
cg00413403	SAP30L;SAP30L;SAP30L;SAP30L	0.0334981	0.186497	1.41806	1.41806	0.0625352	0.592858	-1.68674	0.0146104	0.472359	-2.11703	0.397273	0.805581	-1.24134	0.00803946	0.428733	-2.33245	0.0391699	0.551407	-1.81354	0.577983	1.15047	1.15047	0.059989	0.589048	-1.69765	0.366155	0.793286	-1.26058	3.92883	3.87093	0.875789	1
cg16087023	SAP30L;SAP30L;SAP30L;SAP30L;SAP30L;SAP30L;SAP30L	0.0136396	0.0509659	0.613859	-1.62904	0.469214	1.17542	1.17542	0.460383	1.17936	1.17936	0.0825192	0.655655	-1.52519	0.0691818	1.5625	1.5625	0.644975	0.903176	-1.1072	0.00119228	0.35251	-2.8368	0.0798441	1.53211	1.53211	0.398803	1.20878	1.20878	5.34547	4.07898	0.678286	1
cg03596320	SAPS1	0.00142293	0.346462	1.09352	1.09352	9.12E-05	1.90543	1.90543	0.0842841	1.19257	1.19257	0.681531	0.962666	-1.03878	0.0300426	0.790324	-1.2653	0.00882049	0.735306	-1.35998	0.0928048	1.18594	1.18594	0.717577	0.967061	-1.03406	0.0302777	0.790678	-1.26474	10.6398	1.43281	0.119702	1
cg18047794	SAPS1	0.00802205	0.058684	0.800941	-1.24853	0.216341	1.14479	1.14479	0.00306802	0.656147	-1.52405	0.0108573	0.717164	-1.39438	0.0257405	0.759355	-1.31691	0.00874613	0.706699	-1.41503	0.383133	0.911234	-1.09741	0.798633	1.02693	1.02693	0.0509214	1.26002	1.26002	6.33866	1.08451	0.152084	1
cg12978040	SAPS1	0.009069	0.0220069	0.431771	-2.31604	0.377976	0.758387	-1.31859	0.715235	1.11854	1.11854	0.074331	0.544478	-1.83662	0.00594919	0.332995	-3.00305	0.0468711	0.498774	-2.00492	0.000428832	0.181956	-5.49583	0.113877	0.591036	-1.69194	0.0342893	0.47001	-2.12761	6.09757	9.02691	1.31592	1
cg23497436	SAPS1	0.0216477	0.484965	1.32654	1.32654	0.00647911	4.09324	4.09324	0.24263	1.62729	1.62729	0.693514	0.85409	-1.17084	0.0832833	0.466045	-2.14571	0.503077	0.762909	-1.31077	0.0489994	0.40861	-2.44732	0.00766397	3.91466	3.91466	0.924401	1.03852	1.03852	4.57921	11.4996	2.23222	1
cg14539363	SAPS1	0.0441207	0.573913	0.729588	-1.37064	0.00167863	12.0917	12.0917	0.0465636	3.54238	3.54238	0.459437	0.658376	-1.51889	0.234838	1.99567	1.99567	0.574234	1.37027	1.37027	0.671866	0.78944	-1.26672	0.789822	1.15979	1.15979	0.387049	0.611398	-1.6356	3.55163	17.321	4.33503	1
cg17305500	SAPS1	0.0468916	0.232816	0.664922	-1.50394	0.0240256	0.415607	-2.40612	0.104784	0.560877	-1.78292	0.0510744	0.484459	-2.06416	0.00249175	0.253903	-3.93851	0.0737372	0.521935	-1.91595	0.37246	0.741808	-1.34806	0.199585	0.642719	-1.55589	0.0711022	0.518085	-1.93019	3.47143	5.84941	1.49779	1
cg01568816	SAPS2	0.000589145	0.00221491	0.297886	-3.35699	0.00420438	0.338655	-2.95286	0.0243406	0.468619	-2.13393	0.000761088	0.236707	-4.22464	2.71E-05	0.0963706	-10.3766	0.401637	0.784704	-1.27437	0.00216314	0.296442	-3.37334	0.439031	0.800181	-1.24972	0.00791408	0.382135	-2.61687	13.6532	17.2495	1.12302	1
cg07887208	SAPS2	0.0137804	0.606836	0.928446	-1.07707	0.0668592	1.34158	1.34158	0.62361	0.931699	-1.07331	0.870634	1.02359	1.02359	0.0106662	1.58272	1.58272	0.0133106	1.55062	1.55062	0.00108679	1.99298	1.99298	0.0676319	1.34021	1.34021	0.96735	0.994163	-1.00587	5.32748	1.72613	0.288004	1
cg12495889	SAPS2	0.0202928	0.924542	0.964113	-1.03722	0.103034	1.9898	1.9898	0.734506	0.876937	-1.14033	0.169574	0.568656	-1.75853	0.00112903	0.157437	-6.35176	0.0518461	0.425893	-2.34801	0.0316417	0.378325	-2.64323	0.473799	0.754991	-1.32452	0.0759782	0.466815	-2.14218	4.68137	11.0346	2.09522	1
cg27248702	SAPS2	0.0245705	0.547823	1.15756	1.15756	0.0013951	3.04642	3.04642	0.0249259	1.90031	1.90031	0.404998	1.22749	1.22749	0.299938	0.77227	-1.29488	0.0128619	2.10245	2.10245	0.144698	1.45771	1.45771	0.319073	1.2811	1.2811	0.465885	1.19545	1.19545	4.38355	4.01791	0.814747	1
cg21757633	SAPS2	0.0275189	0.060788	0.577691	-1.73103	0.307084	0.759965	-1.31585	0.0148377	0.459293	-2.17726	0.205904	0.707233	-1.41396	0.00109241	0.286319	-3.49261	0.899224	0.967644	-1.03344	0.121252	0.64652	-1.54674	0.902724	1.03225	1.03225	0.0797557	0.603645	-1.6566	4.2134	4.49715	0.94875	1
cg12446151	SAPS2	0.0311142	0.386807	0.716252	-1.39616	0.225587	1.61405	1.61405	0.377076	0.711079	-1.40631	0.0160718	3.02923	3.02923	0.00482039	0.244924	-4.0829	0.153586	0.562829	-1.77674	0.107886	0.516868	-1.93473	0.847519	1.0751	1.0751	0.339811	0.690672	-1.44787	4.03413	9.04187	1.9923	1
cg20456630	SAPS2	0.0334575	0.0750302	0.569119	-1.7571	0.0159513	0.432151	-2.31401	0.00900908	0.389047	-2.57038	0.245207	0.707806	-1.41282	0.00568882	0.356591	-2.80433	0.138698	0.635617	-1.57327	0.797756	1.07574	1.07574	0.575881	1.17431	1.17431	0.419543	0.790976	-1.26426	3.93055	5.03188	1.13795	1
cg20366239	SAPS2	0.046486	0.666102	0.889085	-1.12475	0.072937	1.71887	1.71887	0.159268	1.50283	1.50283	0.0420862	0.530341	-1.88558	0.918885	0.972792	-1.02797	0.775795	1.08039	1.08039	0.0251133	0.486057	-2.05737	0.213167	1.42621	1.42621	0.0339462	0.511486	-1.95509	3.4828	4.04509	1.0324	1
cg07784054	SAPS2	0.0472804	0.922121	0.946735	-1.05626	0.0116195	5.84612	5.84612	0.0575049	3.32833	3.32833	0.0994925	0.363976	-2.74744	0.216261	0.482686	-2.07174	0.935569	1.0463	1.0463	0.0417	0.268693	-3.72172	0.289722	1.84986	1.84986	0.673207	1.26801	1.26801	3.46065	17.1731	4.41101	1
cg07224310	SAPS2	0.0482636	0.144272	0.653824	-1.52946	0.0359038	1.93722	1.93722	0.597455	1.15531	1.15531	0.0476093	1.84735	1.84735	0.0161071	0.45033	-2.22059	0.47734	0.82223	-1.2162	0.289981	0.742648	-1.34653	0.264524	0.729748	-1.37034	0.298563	0.746838	-1.33898	3.43385	3.99154	1.03325	1
cg05657462	SAPS2;SAPS2	0.0375119	0.195629	0.783128	-1.27693	0.938854	1.0138	1.0138	0.336014	1.19386	1.19386	0.364685	0.846729	-1.18102	0.123621	0.742385	-1.34701	0.22696	0.797259	-1.2543	0.0481141	1.49704	1.49704	0.128606	1.34094	1.34094	0.00539845	1.92355	1.92355	3.77091	1.90542	0.44915	1
cg11123972	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.000116348	0.253602	1.23317	1.23317	0.0291115	1.57153	1.57153	0.0931788	1.38356	1.38356	?	?	?	0.113719	1.35327	1.35327	0.756079	1.0563	1.0563	2.54E-06	0.13534	-7.3888	0.762713	1.05467	1.05467	0.0871958	1.39373	1.39373	21.8014	9.48435	0.435034	1
cg05650764	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.000593582	0.0437167	0.822472	-1.21585	0.00159081	1.46525	1.46525	0.201782	1.12033	1.12033	0.389088	1.07724	1.07724	0.208827	1.11816	1.11816	0.10999	0.863419	-1.15819	0.000152822	0.578474	-1.72869	0.556392	1.05143	1.05143	0.000566482	1.56872	1.56872	13.6247	1.5334	0.100041	1
cg10133100	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.00399062	0.0269174	0.410914	-2.4336	0.0560387	2.08446	2.08446	0.961262	1.01662	1.01662	0.0646872	0.494492	-2.02228	0.000363242	0.143769	-6.95559	0.284382	0.685631	-1.45851	0.0943496	0.535732	-1.86661	0.071501	1.97991	1.97991	0.0085076	0.319911	-3.12587	7.85805	14.3346	1.6215	1
cg18393154	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0109444	0.845208	1.03983	1.03983	0.0191106	0.5674	-1.76242	0.634803	0.908821	-1.10033	0.0951453	0.693228	-1.44253	0.000362408	0.319082	-3.13399	0.690562	0.923159	-1.08324	0.0998261	1.43383	1.43383	0.10913	0.705332	-1.41777	0.475876	0.865144	-1.15588	5.74188	3.63068	0.562058	1
cg13147522	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0118439	0.250588	1.83544	1.83544	0.168093	2.10236	2.10236	0.0327682	3.53763	3.53763	0.126233	0.433075	-2.30907	0.628007	0.781153	-1.28016	0.00218156	0.113661	-8.79812	0.0068213	0.169841	-5.88784	0.774492	0.864757	-1.15639	0.701312	1.21524	1.21524	5.59721	22.6827	3.60222	1
cg25410256	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0136004	0.565598	1.07163	1.07163	0.424901	0.907501	-1.10193	0.452944	1.09534	1.09534	0.440015	0.910466	-1.09834	0.0645287	1.28061	1.28061	0.0291407	1.35828	1.35828	0.000330361	1.99464	1.99464	0.999881	1.00002	1.00002	0.767632	1.03592	1.03592	5.3505	1.20221	0.199725	1
cg22789945	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0177466	0.366032	0.832632	-1.20101	0.976988	0.994327	-1.0057	0.290885	0.8056	-1.24131	0.541804	0.885322	-1.12953	0.0100476	0.526872	-1.898	0.134963	1.37413	1.37413	0.000733296	0.363464	-2.7513	0.839451	1.04082	1.04082	0.279186	0.800998	-1.24844	4.89841	3.01769	0.547604	1
cg03442545	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0232364	0.232753	1.61245	1.61245	0.0909307	2.04739	2.04739	0.015933	3.17622	3.17622	0.00758984	0.257781	-3.87926	0.518094	0.779683	-1.28257	0.0525123	0.426273	-2.34592	0.864108	0.937126	-1.06709	0.0676895	0.453972	-2.20278	0.529072	0.784918	-1.27402	4.95744	11.0424	1.73245	1
cg06666853	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0348581	0.71343	0.9441	-1.05921	0.0695649	0.728667	-1.37237	0.0629907	0.721678	-1.38566	0.425393	0.880786	-1.13535	0.00180896	0.500659	-1.99737	0.0584596	0.716473	-1.39573	0.534775	1.103	1.103	0.448526	0.886523	-1.128	0.0271876	0.665178	-1.50336	3.87282	1.49172	0.342379	1
cg00328901	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0406227	0.0485832	0.635529	-1.57349	0.612606	1.1082	1.1082	0.0808693	0.677409	-1.47621	0.391405	0.838044	-1.19325	0.170469	0.745494	-1.34139	0.00290563	0.438907	-2.27838	0.0212961	0.572994	-1.74522	0.994126	1.00148	1.00148	0.70796	1.07865	1.07865	3.66222	2.3481	0.569928	1
cg19105362	SAR1A;SAR1A	0.00343673	0.00416757	0.378586	-2.64141	0.420699	1.23133	1.23133	0.0031742	2.77166	2.77166	0.0243817	1.97111	1.97111	?	?	?	0.00400209	0.375907	-2.66023	0.542302	0.855535	-1.16886	0.559643	1.16094	1.16094	0.150441	1.47683	1.47683	8.39997	7.56715	0.900854	1
cg18464150	SAR1A;SAR1A	0.00799902	0.0422214	0.6602	-1.51469	0.00858682	0.551682	-1.81264	0.0861559	0.714315	-1.39994	0.499984	0.885602	-1.12918	0.578659	0.905255	-1.10466	0.974617	0.99437	-1.00566	0.000558459	0.386811	-2.58524	0.458592	0.874668	-1.14329	0.0021293	0.464912	-2.15094	6.34439	3.1635	0.443226	1
cg12488096	SAR1A;SAR1A	0.0176875	0.0929142	0.524535	-1.90645	0.903066	1.04344	1.04344	0.2929	1.46352	1.46352	0.564636	1.22536	1.22536	0.00298414	0.241261	-4.1449	0.123084	0.558183	-1.79153	0.00399707	0.25916	-3.85862	0.414247	1.33818	1.33818	0.0809627	0.508958	-1.9648	4.9039	9.46184	1.71507	1
cg07661904	SAR1A;SAR1A	0.019745	0.528183	0.897017	-1.11481	0.333554	0.843988	-1.18485	0.651626	0.925618	-1.08036	0.0138528	0.5962	-1.67729	0.187246	0.788439	-1.26833	0.814102	0.960735	-1.04087	0.00619092	1.83507	1.83507	0.0950574	0.732029	-1.36607	0.00943831	0.571503	-1.74977	4.7251	2.1642	0.407131	1
cg14213021	SAR1A;SAR1A	0.0264155	0.938954	1.00841	1.00841	0.0494304	1.2779	1.2779	0.460058	0.921033	-1.08574	0.754212	0.966234	-1.03495	0.447804	1.08829	1.08829	0.589172	1.06144	1.06144	0.00100674	0.586366	-1.70542	0.156573	0.847277	-1.18025	0.541417	1.06995	1.06995	4.27432	0.809694	0.168384	1
cg07017693	SAR1A;SAR1A	0.0368629	0.0543728	0.703274	-1.42192	0.656637	0.930393	-1.07482	0.371868	0.862568	-1.15933	0.407995	1.14622	1.14622	0.00548327	0.55496	-1.80193	0.64175	1.07848	1.07848	0.0258995	1.53183	1.53183	0.346783	1.16909	1.16909	0.234468	0.817943	-1.22258	3.79499	1.56281	0.366052	1
cg10441365	SAR1B;SAR1B	0.000222804	0.036285	0.799688	-1.25049	0.00809836	1.36529	1.36529	2.76E-05	2.13534	2.13534	0.065909	0.827392	-1.20862	0.000665462	0.619768	-1.61351	0.163372	1.14638	1.14638	0.0114423	0.747821	-1.33722	0.393407	0.922857	-1.08359	0.0329176	0.795247	-1.25747	17.8405	2.38262	0.118712	1
cg02589828	SAR1B;SAR1B	0.0184856	0.589262	0.723688	-1.38181	0.830856	1.13532	1.13532	0.00491271	9.12493	9.12493	0.725422	1.23271	1.23271	0.0400016	0.244568	-4.08885	0.355621	0.569069	-1.75726	0.142374	0.392336	-2.54884	0.00546981	8.73742	8.73742	0.614013	0.739538	-1.3522	4.83163	26.9359	4.95548	1
cg18260973	SAR1B;SAR1B	0.0202312	0.000956231	0.0333343	-29.9991	0.156726	2.69098	2.69098	0.0993461	3.27127	3.27127	0.475955	0.625002	-1.59999	0.559849	0.682509	-1.46518	0.818004	0.86147	-1.16081	?	?	?	0.601328	1.40695	1.40695	0.38104	1.79205	1.79205	5.30464	30.5803	5.04422	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
ap13818704	SAR1B;SAR1B	0.0231267	0.000641751	0.094289	0.16266	0.577102	0.18935	1.28805	0.102916	0.447457	2.23485	0.422617	0.002218	1.44463	0.803079	0.789427	1.26674	0.731723	0.85632	-1.16779	0.651379	0.314737	-1.22739	0.315968	0.482638	-2.0719	0.0151023	0.260332	-3.84125	4.47637	14.4025	2.85997	1
ap18529079	SAR1B;SAR1B	0.0246882	0.00717118	0.156683	-6.38231	0.0227486	0.233262	-4.28703	0.0167349	0.210284	-4.75547	0.116716	0.402512	-2.4844	0.0143003	0.199307	-5.01739	0.0985897	0.180177	-2.63035	0.0132453	0.194138	-5.15099	0.205306	0.48093	-2.04111	0.0206441	0.225766	-4.42936	4.37628	19.7595	4.01345	1
ap15185386	SAR1B;SAR1B;SAR1B;SAR1B	0.000546389	0.650378	0.983815	-1.01645	0.172939	1.05323	1.05323	0.9691	1.00139	1.00139	0.143686	1.05779	1.05779	0.0035441	1.15183	1.15183	0.544859	0.978323	-1.02216	0.00835522	0.887858	-1.12631	1.87E-05	1.36559	1.36559	0.01144554	1.11982	1.11982	13.9426	0.28242	0.01180052	1
ap13709982	SAR1;SAR1	0.00367324	0.00740726	9.89531	9.89531	0.1054833	5.08615	5.08615	0.353278	1.89412	1.89412	0.2026828	0.79319	5.73319	0.0203385	0.738465	-1.35441	0.0052514	0.11593	-8.6255	1.19E-05	0.000515255	36.6242	36.6242	0.00266018	15.2803	15.2803	0.00654117	10.4563	8.01633	56.3231	6.21415	1
ap27114512	SAR1;SAR1	0.00638763	0.0705113	2.15109	2.15109	7	7	2.15156	0.3911258	1.680121	1.680121	0.0819088	2.07614	2.07614	7	0.215839	1.60721	0.0123654	3.26135	3.26135	0.0241955	5.70762	5.70762	0.00226437	5.04687	5.04687	0.013601	3.18009	3.18009	7.12857	12.6097	2.02159	1
ap13541456	SAR1;SAR1	0.01110073	0.02713317	0.492037	-2.03237	0.4500808	0.81198	-1.23156	0.0403183	0.526102	-1.90077	0.0192079	0.4618884	-2.15577	0.0127898	0.43235	-2.31294	0.0704217	1.73028	1.73028	0.0144892	2.26321	2.26321	0.122863	0.635554	-1.57343	0.6018587	1.1535	1.1535	5.73628	6.65581	1.03499	1
ap13824009	SAR1B;SAR1B	0.01172955	0.00322275	0.584142	-1.71191	0.0210048	1.44971	1.44971	0.0048891	0.607194	-1.64692	0.381202	0.887269	-1.12705	0.9998865	1.00002	1.00002	0.339734	1.14066	1.14066	0.108078	1.26428	1.26428	0.45758	0.903768	-1.10648	0.6609772	1.06081	1.06081	5.61484	1.59008	0.251869	1
ap13644300	SAR1B;SAR1B	0.01243573	0.7408804	0.95119	-1.05151	0.8338819	0.968824	-1.03218	0.0035726	0.45675	-2.18938	0.686317	0.940629	-1.06412	0.861088	1.02676	1.02676	0.792654	1.04051	1.04051	0.0007317	1.19869	1.19869	0.179629	1.13969	1.13969	0.744157	1.05061	1.05061	5.50905	1.58291	0.319944	1
ap12122774	SAR1B;SAR1B	0.021606	0.140183	0.636949	-1.56998	0.3004088	0.485219	-2.06093	0.0345473	0.338675	-2.95268	0.0572287	0.569486	-1.75597	0.0170576	0.437542	-2.28549	0.054423	0.537787	-1.85947	0.0393653	0.5988	0.0041672	0.335436	-2.98119	0.0500712	0.823443	1.21444	0.542324	5.86251	1.13724	1
ap13811879	SAR1;SAR1	0.0216875	0.263061	0.677193	-1.47668	0.0646887	0.499969	-2.00012	0.0121587	0.352025	-2.84071	0.434801	0.766275	-1.30502	0.00073697	0.180326	-5.5455	0.420558	0.759644	-1.31641	0.556445	1.21984	1.21984	0.118894	0.5681	-1.76025	0.1544554	0.6009373	-1.66397	4.57633	8.08907	1.57119	1
ap14572091	SAR1B;SAR1B	0.0244876	0.0322216	0.746629	-1.33945	0.2370505	1.19249	1.19249	0.0603465	0.638056	-1.56736	0.2377532	0.757985	-1.31909	0.76442	1.06203	1.06203	0.242695	0.76311	1.31056	0.0393923	1.24366	1.24366	0.0423263	1.21636	1.21636	0.0482763	-1.21636	0.48771	0.0204481	0.08039	0.0601223	0.194464	1
ap14313373	SAR1B;SAR1B	0.0316004	0.212528	0.71388	-1.4008	0.19002	1.42801	1.42801	0.147698	0.671185	-1.4899	0.0044159	0.370051	-2.65216	0.345268	1.28341	1.28341	0.320296	1.30161	1.30161	0.0260821	1.96943	1.96943	0.728325	0.914378	-1.09364	0.2965332	0.757424	-1.32026	4.01187	4.1866	0.927604	1
ap14284297	SAR1;SAR1	0.0403526	0.395747	0.6870108	-1.64519	0.4838922	0.704676	-1.26506	0.0210462	0.206072	-4.85036	0.598844	1.36453	1.36453	0.0420884	0.261522	-3.82377	0.827177	1.1594	1.1594	0.164462	0.427806	-2.33751	0.00288181	0.0949559	-10.5308	0.0640238	0.305124	-3.27756	3.68203	15.1256	4.61756	1
ap10075507	SARM1	0.000760815	0.504233	1.19869	1.19869	0.007853132	0.48974	2.48974	0.609903	1.14752	1.14752	0.482157	2.1205	2.1205	0.000572695	0.240283	1.66175	0.230969	0.714608	-1.39937	0.00454118	0.28428	2.74828	0.00175963	0.3036576	-3.29298	0.00171454	0.309399	3.30999	12.7103	14.3953	1.00073	1
ap21857187	SARM1	0.0012537	0.00655481	2.79846	2.79846	0.2263904	2.1538	2.1538	0.548287	0.837972	-1.19336	0.0093941	0.383051	-2.61062	0.636656	1.13599	1.13599	0.956914	0.10587	1.01587	0.0031587	0.145745	-6.86131	0.0140042	2.42096	2.42096	0.549084	0.83807	-1.19322	11.033	14.8374	1.1954	1
ap15760257	SARM1;SARM1	0.000187859	0.185195	-5.38997	7	7	7	7	7	7	7	7	7	7	7	7	7	0.830097	0.96451	-1.03658	7	7	7	7	7	7	1.05832	1.50533	1.50533	0.722089	1.09952	10.3428	9.99109	0.993499	1
ap23887396	SARM1	0.00359272	0.91941	0.982266	-1.01805	0.167609	1.35161	1.35161	0.105198	1.36753	1.36753	0.353817	1.18373	1.18373	0.063229	0.691159	-1.44685	0.242139	0.805377	-1.24165	0.000181168	0.326278	-3.06487	0.00699964	0.539761	-1.85267	0.131576	0.749909	-1.3335	8.11005	4.01525	0.440084	1
ap20836234	SARM1;VTN	0.000947402	0.325647	-3.07081	0.271191	1.27375	1.27375	0.0551155	1.58202	1.58202	0.974668	1.00671	1.00671	0.301848	1.25351	1.25351	1.25351	0.952668	0.98754	1.01262	0.6821539	1.50109	1.50109	0.0238971	1.76704	1.76704	0.0361295	1.67322	1.67322	6.60128	4.66426	0.628129	1
ap19781885	SARM1;SARM1	0.00749237	0.108151	0.69143	-1.4462	0.1758197	1.45177	1.48112	0.176218	1.58585	1.58585	0.0605229	1.77571	1.77571	0.0095232	0.456842	-2.18956	0.120884	1.5783	1.5783	0.0150919	0.834511	-1.1983	0.0503163	1.831556	1.831556	0.0716604	1.671663	-1.48884	6.47607	7.54967	1.03625	1
ap20466246	SARM1	0.0107985	0.0229236	6.36598	6.36598	0.00745392	10.4194	10.4194	0.160944	2.769	2.769	0.121271	3.13514	3.13514	0.0164061	7.35181	7.35181	0.0280191	5.84366	5.84366	0.00115834	25.6883	25.6883	0.00738272	10.4647	10.4647	0.0430414	8.87203	5.76675	42.2529	6.51289	1
ap24339470	SARM1	0.0169256	0.238816	0.760163	-1.30528	0.502379	0.863209	-1.1587	0.0134675	0.589454	-1.70197	0.142163	0.711223	-1.40561	0.0122791	0.509837	-1.96132	0.912914	0.957856	-1.044	0.0147861	0.307114	-3.25612	0.174905	1.764534	1.764534	0.159419	0.553326	-1.80725	4.725511	15.9939	2.18087	1
ap14854355	SARM1	0.0405981	0.144771	2.71525	2.71525	0.3509418	3.85105	3.85105	0.0127485	2.1085	2.1085	0.0189741	2.84198	2.84198	0.0161441	2.76955	2.76955	0.648515	1.24602	1.24602	0.2795385	1.43231	1.43231	0.31056	1.72485	1.72485	0.2431703	1.66009	1.98533	0.11179	0.0113004	7.11685	7.11685	0.760604	1
ap16105471	SARM1	0.0428089	0.654384	1.1732	1.1732	0.403803	1.35369	1.35369	0.287505	0.676095	-1.47916	0.307641	0.687738	-1.45404	0.00262133	0.228353	4.37918	0.913062	0.962026	-1.03947	0.0208838	0.373256	-2.67913	0.0650776	0.479869	-2.0839	0.203815	0.621616	-1.60871	5.9187	7.14837	1.76906	1
ap01294194	SARM1	0.0461491	0.717585	1.0952	1.0952	0.337374	0.780649	-1.28098	0.643074	0.887391	-1.12393	0.3867003	1.26376	1.24876	0.74786	0.67086	-1.11296	1.12296	0.0015414	0.319651	-3.12841	0.0912044	1.57246	0.516849	0.1098	0.1098	0.395305	0.804156	-2.44354	0.432924	3.46704	0.88245	1
ap08044516	SARM1;VTN	0.00264521	0.406818	0.07294	-13.7094	0.274146	2.10151	2.10151	0.0033843	0.848936	1.18381	0.2081885	1.99575	1.99575	0.0070807	0.502533	-1.98996	0.071744	0.785995	1.2732	0.0779048	1.18312	1.18312	0.0368823	1.38108	1.38108	0.1544415	1.05639	1.05639	1.85623	0.0981105	0.0981105	1
ap24089111	SARM1;VTN	0.00452802	0.00630107	0.216877	-4.61092	0.00689483	1.49296	1.49296	0.126413	2.03456	2.03456	0.0980428	0.458591	-2.18059	0.56191	0.777307	-1.28649	0.0476576	0.377976	-2.64567	0.00104139	0.124252	-8.04814	0.129798	0.495093	-2.01982	0.281164	0.618058	-1.61797	7.56346	22.1051	2.59788	1
ap13565301	SARM1;VTN SARM1;SARNP;ORMDL2;SARNP;ORMDL	0.0210995	0.129156	0.67762	-1.47763	0.843794	0.954111	-1.0481	0.364157	1.24863	1.24863	0.808564	0.943841	-1.05951	0.762173	0.978332	-1.02215	0.450643	0.834632	-1.19813	0.00509088	0.280569	-3.56419	0.219672	1.35979	1.35979	0.187055	1.39513	1.39513	4.61957	4.14827	0.798203	1
ap05384675	2	0.0092798	0.170667	0.817545	-1.22317	0.8890657	1.29553	1.29553	0.1912951	1.26596	1.26596	0.940911	1.01029	1.01029	0.0826917	1.30389	1.30389	0.356752	0.877328	-1.13982	0.000639637	0.486914	-2.06222	0.344067	1.14405	1.14405	0.0404976	1.38636	1.38636	6.05321	1.82773	0.268395	1
ap08796602	SARNP;SARNP;SARNP;ORMDL2	0.00516525	0.2181822	0.7466	-1.33934	0.3029379	0.8635	-1.15837	0.0134675	0.57179	-1.74873	0.1426773	0.7113	-1.40626	0.0122791	0.509837	-1.96132	0.9129	0.9579	-1.0441	0.0147861	0.307114	-3.25612	0.174905	1.764534	1.764534	0.159419	0.553326	-1.80725	4.725511	15.9939	2.18087	1
ap13619408	SARS	8.19E-05	0.000527644	0.372776	-2.68258	0.0021775	2.1942	2.1942	0.69899	0.931435	-1.07361	0.11238	1.37144	1.37144	0.1804598	1.28876	1.28876	0.000655992	2.59451	2.59451	6.631-06	6.82171	6.82171	0.00562789	1.94277	1.94277	0.174061	1.30245	23.3505	12.3497	0.470119	1
ap16445880	SARS	0.000375372	0.026-06	0.494947	-2.02	0.0163678	1.38	1.38	0.418015	1.16578	1.16578	0.0881681	1.55703	1.55703	0.0129916	0.0003945	0.6059	0.271568	1.88064	1.88064	0.0003295	3.10056	3.10056	0.0001991	2.52104	2.52104	0.0003956	2.30858	2.30858	0.0001991	0.0104043	0.0825107	0.0125184	1
ap02896776	SARS	0.00199334	0.0808534	1.47271	1.47271	0.287568	0.801878	-1.24707	0.000585374	0.345527	-2.89413	0.149381	0.734085	-1.36224	0.0755587	0.673296	1.48523	0.000328931	0.313507	-3.18972	0.113259	1.41149	1.41149	0.249981	1.27176	1.27176	0.0401764	1.622444	1.60657	9.65127	6.11208	0.562927	1
ap18346935	SARS	0.00412938	0.187233	0.654489	-1.52791	0.0634652	0.531065	-1.88301	0.0030654	0.176389	-5.66929	0.945131	1.02109	1.02109	0.0003656	0.170334	-5.64865	0.353814	0.748782	-1.3355	0.844534	1.06135	1.06135	0.0419082	0.491127	-2.03613	0.407652	0.773477	-1.29286	5.777744	11.1282	1.29471	1
ap16693784	SARS	0.00534649	0.1262169	0.6-06	-1.58	0.0387713	0.578	1.1-06	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.215104	1.26261	1.26261	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	1
ap06628008	SARS SARS2;MIPS12;MRPS12;MRPS12;SARS	0.0288336	0.026038	0.445696	-2.24368	0.938704	0.976745	-1.02381	0.227011	0.678382	-1.47409	0.359013	0.749358	-1.33448	0.00272197	0.285185	3.54798	0.0572088	0.517773	-1.93135	0.295253	0.717426	-1.39387	0.00575975	0.330524	-3.0255	0.0810413	0.553317	-1.80728	4.14665	6.1443	1.31775	1
ap01529770	2;MIPS12;MRPS12;MRPS12	0.0485687	0.0536768	0.804453	-1.24308	0.66192	1.04667	1.04667	0.947127	0.993435	-1.00661	0.0809022	1.24994	1.24994	0.157128	1.03674	1.03674	0.440433	1.08127	1.08127	0.0991229	0.835649	-1.19667	0.681324	1.04186	1.04186	0.0063706	1.422759	1.42279	3.42567	0.53511	0.13885	1
ap15523449	SART1	7.58E-06	0.0384923	0.620831	-1.61074	0.257667	1.26473	1.26473	5.54E-07	0.0633842	-15.7768	0.643152	0.911409	-1.0972	2.42E-06	0.102655	-9.74137	0.476404	0.865915	-1.15485	1.56E-05	0.169505	-5.89954	0.910863	0.97798	-1.02252	0.0377536	0.619345	-1.61461	43.589	27.2915	0.556542	1
ap14248369	SART1	0.00779934	0.0253979	0.7-06	-1.4	0.0-06	0.2-06	0.7-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.283182	0.728278	-1.3735	0.0007595	0.19604	-5.10204	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	1
ap10071595	SART1	0.0220312	0.0453041	0.450756	-2.21849	0.698246	1.14475	1.14475	0.42331	0.752939	-1.32813	0.0997565	0.534775	-1.87003	0.0127192	0.341513	2.92815	0.0885523	0.521016	-1.91933	0.0028866	0.241322	-4.14385	0.095255	1.88902	1.88902	0.792194	0.912447	-1.09555	4.57313	6.68046	1.69517	1
ap16845119	SART1	0.0232114	0.523114	0.7-06	-1.4	0.0-06	0.3-06	0.7-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.020502	0.2917	3.42857	0.0001681	0.570419	-1.75301	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	1
ap02515787	SART1	0.0298381	0.690191	1.10768	1.10768	0.1144497	0.445913	-2.24259	0.0523891	0.569461	-1.75611	0.0623142	1.70844	1.70844	0.595967	1.14635	1.14635	0.490163	0.836177	-1.19592	0.0231436	0.500031	-1.99988	0.43926	0.817624	-1.22306	0.0707009	0.76745	1.6745	4.09469	4.22515	0.91721	1
ap15155199	SART1	0.0319631	0.0199497	0.519608	-1.92487	0.0245386	0.422385	-2.36751	0.0138647	0.23515	-4.55724	0.758999	0.993402	1.00674	0.0032829	0.407152	-2.45665	0.0063103	0.203815	-4.90625	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	1
ap14670310	SART1	0.0355622	0.0036363	0.366461	-2.7288	0.154798	1.4748	1.4748	0.241203	0.76755	-1.30275	0.435121	0.816434	-1.22528	0.0472448	0.310778	-3.21837	0.0164005	0.188624	-5.30162	0.0001749	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	1
ap18270734	SART3	3.92E-06	0.0097756	0.647166	-1.5452	0.0043255	1.66206	1.66206	0.00705405	0.628859	-1.59018	0.617026	1.06946	1.06946	2.91E-07	0.134264	-7.44799	1.72E-06	0.203038	-4.92518	0.245723	1.17552	1.17552	0.0921989	0.781234	-1.28003	4.46E-05	0.357111	-2.80025	51.679	14.5209	0.249763	1
ap03051310	SART3	5E-06	0.0078717	0.76296	-1.31046	0.0334079	1.56252	1.56252	0.0013772	0.610458	-1.63856	0.0222117	0.910658	-1.09816	0.0019087	0.24026	4.16225	1.56E-06	0.159008	6.28918	1.107	1.107	1.107	1.1638	0.859539	1.16298	0.0755818	1.33837	1.33837	0.0476	0.0-06	0.1-06	0.1-06	0.1-06	1
ap27394563	SART3	0.00543565	0.154954	0.803431	-1.24466	0.0127732	1.56017	1.56017	0.0109775	0.58231	-1.58231	0.258222	0.843976	-1.18487	0.049815	0.311379	-3.21133	0.0046749	0.582317	-1.71728	0.00316167	0.55997	-1.78581	0.54724	0.916144	-1.09153	0.596549	1.07985	1.07985	7.15335	2.34234	0.291064	1
ap11847826	SART3	0.0170641	0.774613	1.07542	1.07542	0.0102748	0.440854	-2.26766	0.0109375	0.445362	-2.24534	0.1801	0.697312	-1.43409	0.0173566	0.603231	-1.66022	0.0910191	0.624108	-1.60229	0.1801	0.697312	-1.43409	0.0173566	0.603231	-1.66022	0.0910191	0.624108	-1.60229	0.1801	0.697312	-1.43409	0.0173566	0.603231	1
ap14864542	SART3	0.0145395	0.0659498	0.218725	-4.57209	0.0145539	-6.96675	0.1435221	0.0205625	-2.93523	0.300788	0.453871	-2.20327	0.0082219	0.00282425	-12.0717	0.145487	0.109009	-9.17352	0.00289482	0.04893338	-20.4358	0.890846	0.9038525	-1.10641	0.0649815	0.217246	-4.60307	4.59439	39.4983	7.64385	1
ap05374798	SART3	0.0272239	0.322867	0.80781	-1.23791	0.2482741	0.744729	-1.34279	0.0107926	0.59256	-1.68731	0.0424601	0.853154	-1.17205	0.0001744	0.109	9.17242	0.259084	0.781851	-1.27902	0.0219382	1.77361	1.77361	0.0445592	1.61931	1.61931	0.0452907	1.63605	1.63605	0.42209	2.9262	0.614998	1
ap16056422	SART3	0.0364663	0.787223	0.9551	-1.04687	0.7227	0.926	-1.08064	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.353124	0.851815	1.17427	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	1
ap16937245	SART3	0.0448343	0.0962236	0.606839	-1.64788	0.0068258	0.383551	-2.60722	0.726625	1.10074	1.10074	0.036851	0.515293	-1.94064	0.087938	0.597517	-1.67359	0.953564	0.984202	-1.01605	0.285446	1.35442	1.35442	0.113754	1.60086	1.60086	0.688313	0.895593	-1.11658	1.5304	4.18101	1.0527	1
ap01186745	SART3;SCU;SCU	0.0147827	0.139693	0.713969	-1.40045	0.1345316	1.56336	1.56336	0.0676854	0.44921	-2.22611	0.240586	0.800348	-1.24946	0.00382829	0.403532	-2.47805	0.0044105	0.0577312	-17.3107	1.54E-05	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	1
ap01972961	SART3;SCU;SCU	0.00145007	0.00146043	0.5654148	-1.7686	0.2074387	0.723521	-1.38213	0.18142	1.19245	1.19245	0.95405	0.421841	-2.37056	0.373779	0.892911	1.11993	0.244899	1.14775	1.14775	0.0195489	1.18513	1.18513	0.0-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	0.1-06	1
ap06656689	SART3;SCU;SCU	0.0118711	0.454088	0.724285	-1.38067	0.699058	0.818874	-1.22119	0.000150983	0.663835	-15.6654	0.794019	0.890281	-1.12324	0.843765	0.919922	-1.08705	0.41306	0.701880	-1.42473	0.58136	1.26564	1.26564	0.681093	1.19101	1.19101	0.343528	1.51098	1.51098	5.59305	15.8501	2.51901	1
ap22447886	SASH1	0.00411279	0.0078717	0.76296	-1.31046	0.0334079	1.56252	1.56252	0.0013772	0.610458	-1.63856	0.0222117	0.910658	-1.09816	0.0019087	0.24026	4.16225	0.0003692	0.340907	-2.93387	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	1
ap16604050	SASH1	0.0175924	0.304664	1.24793	1.24793	0.4411877	0.612146	-1.6336	0.0042017	0.449837	-2.22303	0.9826065	1.46199	1.46199	0.447997	0.851187	-1.17483	0.194184	1.33135	1.33135	0.0119323	1.89687	1.89687	0.473671	0.859127	-1.16397	0.63701	1.10411	1.10411	5.91278	3.37791	0.611179	1
ap13647821	SASH1	0.0184798	0.4585184	0.5544	-1.80349	0.3310085	0.703225	-1.42202	0.0674493	0.673483	-1.14484	0.322821	0.74883	-1.33556	0.0001744	0.109	9.17242	0.18608	0.0267866	37.3357	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	1
ap09418245	SASH1	0.0185224	0.240138	1.1482	1.1482	0.163614	1.1818	1.1818	0.598625	0.942061	-1.0615	0.0383415	1.30952	1.30952	0.0160895	0.718239	1.39229	0.0363799	1.31434	1.31434	0.00418583	1.53895	1.53895	0.833426	1.02395	1.02395	0.44366	0.915987	1.09172	4.82839	0.965448	0.177736	1
ap11439592	SASH1	0.0232144	0.0189521	1.5662	1.5662	0.858896	1.02837	1.02837	0.473884	1.12133	1.12133	0.0362248	1.46652	1.46652	0.104118	0.756261	-1.3223	0.0135066	0.618342	-1.61723	0.247399	1.20943	1.20943	0.0296736	1.49547	1.49547	0.35045	1.16312	1.16312	4.70153	1.75028	0.348013	1
ap22856019	SASH1	0.0400745	0.0007404	0.30952	-3.23145	0.1275508	1.10101	1.10101	0.148465	1.37033	1.37033	0.0926351	1.10267	1.10267	0.0001744	0.109	9.17242	0.427406	1.23276	1.23276	1.38077	1.38077	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	9.17242	0.0001744	0.109	1
ap03080172	SASH1	0.0348141	0.104481	1.34632	1.34632	0.1175233	1.6233	1.6233	0.00692152	1.79619	1.79619	0.858785	0.970598	-1.03029	0.489263	0.888956	-1.12491	0.70118	0.941065	-1.06263	0.0401989	0.672179	-1.4877	0.296688	1.19878	1.19878	0.919351	0.983172	-1.01712	3.87459	1.72307	0.395297	1
ap20885601	S

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04151384	SBF2;SBF2	0.00218636	0.0233994	0.728875	-1.37198	0.11957	0.821011	-1.21801	0.646222	0.947463	-1.05545	0.0245046	0.731346	-1.36734	0.0478916	0.767893	-1.30226
cg02896250	SBK1	0.00430718	0.508296	0.860583	-1.162	0.0107746	2.04778	2.04778	0.000791647	3.1094	3.1094	0.00847301	2.12116	2.12116	0.18765	0.731679	-1.36672
cg09501762	SBK1	0.00473553	0.148974	1.43083	1.43083	0.00927758	2.14719	2.14719	0.195041	0.728137	-1.37337	0.0844098	1.55561	1.55561	0.280988	0.771528	-1.29613
cg01924372	SBK1	0.0136222	0.0575247	2.08098	2.08098	0.000970703	5.33861	5.33861	0.00581689	3.429	3.429	0.0558856	2.09377	2.09377	0.546332	1.23157	1.23157
cg09046979	SBK1	0.0251983	0.131225	1.45659	1.45659	0.694891	1.09525	1.09525	0.978232	1.00632	1.00632	0.0198623	0.522589	-1.91355	0.646805	1.11236	1.11236
cg27016020	SBK1	0.0300015	0.0847244	0.838562	-1.19252	0.670908	1.04026	1.04026	0.0403065	1.24453	1.24453	0.0946057	1.18491	1.18491	0.237346	1.12111	1.12111
cg16645423	SBK1	0.0327918	0.671569	0.824947	-1.2122	0.278997	1.66176	1.66176	0.539325	1.32368	1.32368	0.703089	0.84131	-1.18862	0.158624	0.506652	-1.97374
cg00446595	SBK1	0.0421152	0.796812	1.06343	1.06343	0.00143532	0.333367	-2.99969	0.290278	1.29898	1.29898	0.555896	1.15255	1.15255	0.239584	1.34112	1.34112
cg02363969	SBK2	0.00210642	0.75341	1.0532	1.0532	0.0512406	0.694123	-1.44067	0.749536	1.05409	1.05409	0.288256	0.83416	-1.19881	0.000280883	0.376518	-2.65592
cg00844791	SBK2	0.00256543	0.211413	0.486852	-2.05401	0.058022	0.309924	-3.2266	0.00260942	0.102333	-9.77206	0.590692	0.743162	-1.3456	0.000166502	0.030014	-33.3178
cg23226510	SBK2	0.002652	0.44924	0.883292	-1.13213	0.0620939	1.40221	1.40221	0.000566755	0.42335	-2.36211	0.428565	1.13891	1.13891	0.466199	0.887505	-1.12675
cg15814157	SBK2	0.00871341	0.706127	1.08762	1.08762	0.37032	0.81548	-1.22627	0.264083	0.772513	-1.29448	0.854487	0.960113	-1.04154	0.000137615	0.231855	-4.31304
cg09364245	SBK2	0.0107431	0.00881231	0.601564	-1.66233	0.657997	0.934362	-1.07025	0.0213794	0.656131	-1.52409	0.0443774	1.42175	1.42175	0.395499	1.1418	1.1418
cg09469223	SBK2	0.010793	0.0798385	0.505325	-1.97892	0.0584196	0.471941	-2.11891	0.230705	0.643062	-1.55506	0.758431	0.897339	-1.11441	0.000490546	0.146979	-6.80368
cg18391611	SBK2	0.0381106	0.00427053	0.303442	-3.29552	0.125794	1.67662	1.67662	0.336792	0.734225	-1.36198	0.315237	1.38258	1.38258	0.0155217	0.396137	-2.52438
cg23459386	SBNO1;SBNO1	0.00173905	0.136948	1.26262	1.26262	0.000347776	0.432878	-2.31012	0.0399463	0.707782	-1.41286	0.00611113	1.68351	1.68351	0.0754566	0.749716	-1.33384
cg08121792	SBNO1;SBNO1	0.0329737	0.295374	1.36801	1.36801	0.0451042	1.94236	1.94236	0.663046	0.881084	-1.13497	0.500404	1.21837	1.21837	0.004988	0.341928	-2.92459
cg09921884	SBNO2	0.000676784	0.0300107	0.774501	-1.29115	0.326222	1.1068	1.1068	0.00644267	1.42575	1.42575	0.00242124	0.655214	-1.52622	0.0353457	0.782449	-1.27804
cg10169108	SBNO2	0.00109565	0.337403	1.21817	1.21817	0.0197308	1.75399	1.75399	0.0538125	1.54787	1.54787	0.173254	1.33529	1.33529	3.37E-05	0.201157	-4.97123
cg14401897	SBNO2	0.00126161	0.794143	1.05079	1.05079	0.239615	1.26273	1.26273	0.0165303	0.574234	-1.74145	0.72632	1.06884	1.06884	4.03E-05	0.226424	-4.4165
cg26517584	SBNO2	0.00228673	0.295969	0.746984	-1.33872	0.0124281	0.432824	-2.31041	0.00302949	0.334983	-2.98523	0.116531	0.631881	-1.58258	6.64E-05	0.139659	-7.16029
cg09174123	SBNO2	0.00438752	0.00162957	0.132355	-7.55546	0.00534247	0.193207	-5.1758	0.703078	0.842336	-1.18717	0.0748537	0.411114	-2.43242	0.000762948	0.101795	-9.82371
cg07559992	SBNO2	0.00504981	0.078972	0.563182	-1.77563	0.0112647	2.54583	2.54583	0.116255	0.605061	-1.65273	0.0195321	2.29503	2.29503	0.00191512	0.27433	-3.64525
cg26019472	SBNO2	0.0071362	0.00550485	8.98249	8.98249	0.000381124	30.3628	30.3628	0.0239978	5.05205	5.05205	0.0202068	5.39215	5.39215	0.54215	1.44948	1.44948
cg10632600	SBNO2	0.010157	0.0239222	0.210804	-4.74374	0.515369	1.4639	1.4639	0.919572	0.943316	-1.06009	0.0339474	0.239215	-4.18034	0.00363572	0.102969	-9.71171
cg19649900	SBNO2	0.0132321	0.426251	1.38379	1.38379	0.11935	1.96557	1.96557	0.572979	1.25575	1.25575	0.96802	0.984098	-1.01616	0.00388773	0.211291	-4.73282
cg19822716	SBNO2	0.01406	0.359536	0.750988	-1.33158	0.0274471	0.452537	-2.20977	0.00507488	0.324303	-3.08353	0.496037	1.23381	1.23381	0.0151078	0.403506	-2.47828
cg10757068	SBNO2	0.0163491	0.763156	0.926291	-1.07957	0.000238411	0.214046	-4.6719	0.25574	0.740386	-1.35065	0.17373	0.693039	-1.44292	0.623286	0.882118	-1.13364
cg05634040	SBNO2	0.0173276	0.512245	0.836669	-1.19522	0.00586961	2.63114	2.63114	0.0118596	2.32287	2.32287	0.0677561	1.73149	1.73149	0.267444	0.733481	-1.36336
cg25960854	SBNO2	0.0242947	0.507258	0.947894	-1.05497	0.0278339	0.813201	-1.22971	0.0724627	0.852634	-1.17284	0.290011	0.916356	-1.09128	0.00940695	0.769617	-1.29935
cg27409514	SBNO2	0.0294773	0.268797	0.739188	-1.35284	0.0113089	0.435035	-2.29867	0.028775	0.508312	-1.96729	0.439161	1.23002	1.23002	0.0398972	0.536204	-1.86496
cg07824663	SBNO2	0.0300491	0.914916	0.954175	-1.04803	0.513163	0.747458	-1.33787	0.152151	0.510026	-1.96068	0.694259	1.18934	1.18934	0.000853334	0.110881	-9.01872
cg23540765	SBNO2	0.0344109	0.429328	0.789478	-1.26666	0.00968638	2.60897	2.60897	0.00196927	3.60186	3.60186	0.196951	1.49134	1.49134	0.776414	0.919962	-1.087
cg03178838	SBNO2;SBNO2	5.12E-05	0.00200737	3.02835	3.02835	9.98E-05	5.78002	5.78002	0.50441	0.841837	-1.18788	0.258105	1.34974	1.34974	0.00441392	0.380674	-2.62692
cg24346815	SBNO2;SBNO2	0.000128462	0.340017	0.757254	-1.32056	0.00142367	0.271163	-3.68782	0.0044518	0.342021	-2.9238	0.00124221	0.263336	-3.79743	1.18E-05	0.0726242	-13.7695
cg09495643	SBNO2;SBNO2	0.000136495	0.00686821	2.34737	2.34737	0.0098422	2.21522	2.21522	0.621288	0.885681	-1.12907	0.990945	1.00277	1.00277	0.000923969	0.299317	-3.34094
cg23885932	SBNO2;SBNO2	0.00161217	0.0763289	2.00676	2.00676	0.0194001	2.71406	2.71406	0.205582	0.623941	-1.60272	0.686843	1.15391	1.15391	0.0120672	0.330999	-3.02116
cg16238993	SBNO2;SBNO2	0.00172303	0.104856	2.18849	2.18849	0.00639016	4.79755	4.79755	0.620822	0.802234	-1.24652	0.688934	1.19461	1.19461	0.014442	0.263924	-3.78897
cg18608055	SBNO2;SBNO2	0.00192536	0.000164077	0.16038	-6.2352	0.14246	1.56674	1.56674	0.348848	0.75983	-1.31608	0.00243783	0.300793	-3.32455	0.00963939	0.393369	-2.54214
cg24712567	SBNO2;SBNO2	0.00202981	0.616521	1.12073	1.12073	0.660886	0.905147	-1.10479	0.730878	1.08106	1.08106	0.910677	1.02566	1.02566	0.000642673	0.306509	-3.26255
cg05919982	SBNO2;SBNO2	0.00368408	0.489182	0.925573	-1.08041	0.92194	0.989268	-1.01085	0.00630719	0.675972	-1.47935	0.661888	1.04963	1.04963	0.54881	1.06906	1.06906
cg17728125	SBNO2;SBNO2	0.00368722	0.355435	0.847632	-1.17976	0.00681501	0.543567	-1.8397	0.00123165	0.439665	-2.27446	0.0476591	0.67445	-1.48269	0.00436104	0.51567	-1.93922
cg06572563	SBNO2;SBNO2	0.00453741	0.481854	1.14135	1.14135	0.746263	1.06188	1.06188	0.408423	0.855238	-1.16926	0.000358025	0.346721	-2.88416	0.00134699	0.422613	-2.36623
cg00467278	SBNO2;SBNO2	0.00624814	0.945199	0.957097	-1.04483	0.323378	0.521714	-1.91676	0.374812	0.559305	-1.78793	0.810333	0.857813	-1.16576	0.471398	0.626678	-1.59572
cg02297063	SBNO2;SBNO2	0.00912959	0.095522	2.97141	2.97141	0.0196214	5.34804	5.34804	0.553239	0.699984	-1.4286	0.863003	1.10817	1.10817	0.0663757	0.293908	-3.40242
cg07573872	SBNO2;SBNO2	0.0118348	0.0936028	0.29491	-3.39087	0.404995	0.568812	-1.75805	0.0276541	0.178327	-5.60769	0.00875257	0.109547	-9.12851	0.176402	0.386075	-2.59017
cg24251439	SBNO2;SBNO2	0.0127536	0.148791	1.24122	1.24122	0.0199216	1.48012	1.48012	0.0217611	1.46865	1.46865	0.0368452	1.40267	1.40267	0.870024	0.977406	-1.02312
cg22597120	SBNO2;SBNO2	0.0201976	0.875993	1.0414	1.0414	0.0306734	1.9339	1.9339	0.0255132	0.501844	-1.99265	0.663277	0.892434	-1.12053	0.00333264	0.354175	-2.82346
cg19864130	SBNO2;SBNO2	0.020325	0.309825	1.55995	1.55995	0.00562021	4.6554	4.6554	0.365008	0.674475	-1.48263	0.859821	1.07766	1.07766	0.148875	0.519435	-1.92517
cg12170787	SBNO2;SBNO2	0.0226523	0.597659	0.886893	-1.12753	0.876521	0.965564	-1.03566	0.117275	0.681522	-1.4673	0.532494	0.8672	-1.15314	0.00449622	0.425899	-2.34797
cg05376228	SBNO2;SBNO2	0.029714	0.813005	0.929062	-1.07635	0.261579	0.695226	-1.43838	0.0467353	2.02792	2.02792	0.235155	0.679532	-1.4716	0.0957551	0.566588	-1.76495
cg15257224	SBNO2;SBNO2	0.0397499	0.396961	0.871751	-1.14712	0.153115	0.784989	-1.2739	0.00633227	0.569794	-1.75502	0.534106	1.10477	1.10477	0.767595	1.04801	1.04801
cg23445341	SBNO2;SBNO2	0.0421614	0.727782	1.08121	1.08121	0.0250725	0.551285	-1.81394	0.00173951	0.368707	-2.71218	0.637088	0.899258	-1.11203	0.2776	0.777014	-1.28698
cg00095870	SBNO2;SBNO2	0.0429934	0.119582	0.701338	-1.42585	0.0123921	0.520024	-1.92299	0.632569	0.903769	-1.10648	0.263855	0.782979	-1.27717	0.00415983	0.446275	-2.24077
cg12255995	SBNO2;SBNO2	0.0499553	0.0926572	2.13717	2.13717	0.00627776	4.31193	4.31193	0.54533	0.777849	-1.2856	0.443029	1.37853	1.37853	0.915769	0.957506	-1.04438
cg02791973	SBNO2;SBNO2;SBNO2	0.000230192	0.00594343	3.55064	3.55064	0.0504454	2.19315	2.19315	0.157115	0.586854	-1.704	0.577886	1.21898	1.21898	0.000471209	0.144387	-6.92583
cg06924602	SBSN;SBSN;SBSN	6.57E-06	0.369215	0.834692	-1.19805	3.82E-05	0.212756	-4.70022	0.000278128	0.31182	-3.20698	0.00327689	0.456021	-2.19288	1.18E-05	0.162543	-6.15221
cg16064623	SBSN;SBSN;SBSN	2.77E-05	0.00186321	0.594836	-1.68114	7.77E-05	0.430965	-2.32037	0.00220621	0.603562	-1.65683	0.229507	1.15995	1.15995	7.30E-07	0.206984	-4.83129
cg27050793	SBSN;SBSN;SBSN	7.50E-05	0.145191	0.820337	-1.21901	0.000661973	0.51681	-1.93495	0.00327629	0.602085	-1.6609	0.24738	1.16545	1.16545	4.03E-06	0.257999	-3.87598
cg08463848	SBSN;SBSN;SBSN	0.0126792	0.048242	0.401636	-2.48982	0.00481472	0.220563	-4.53386	0.00551326	0.228944	-4.36788	0.088764	0.468287	-2.13544	0.00841233	0.256632	-3.89662
cg21987785	SBSN;SBSN;SBSN;SBSN;SBSN;SBSN	0.00336419	0.00148153	0.159413	-6.27301	0.0178559	0.315677	-3.1678	0.00709027	0.248265	-4.02795	0.0157541	0.30576	-3.27054	0.00498698	0.225751	-4.42966
cg17783641	SC4MOL;SC4MOL	0.00037423	0.00162124	0.509281	-1.96355	0.78565	1.04156	1.04156	0.0595782	1.37378	1.37378	9.84E-05	0.355916	-2.80965	0.183517	0.809967	-1.23462
cg13036321	SC4MOL;SC4MOL	0.000623368	0.000237078	0.223295	-4.47838	0.0877014	0.62873	-1.59051	0.0874414	0.628441	-1.59124	9.21E-05	0.179254	-5.57868	0.000605587	0.272121	-3.67484
cg14750144	SC4MOL;SC4MOL	0.000847473	0.26642	1.2171	1.2171	0.000769438	2.37296	2.37296	0.0403817	1.49442	1.49442	0.0568919	1.4414	1.4414	0.0011853	0.446313	-2.24058
cg05119988	SC4MOL;SC4MOL	0.00130039	0.127969	0.781328	-1.27987	0.285131	1.18114	1.18114	0.0291573	1.47029	1.47029	0.000341536	2.37483	2.37483	0.0126981	0.628496	-1.5911
cg04157983	SC4MOL;SC4MOL	0.00408151	0.470865	0.894122	-1.11842	0.325559	0.856523	-1.16751	0.778385	0.957868	-1.04399	0.166983	0.798691	-1.25205	0.00230783	0.522233	-1.91485
cg22904577	SC4MOL;SC4MOL	0.0229129	0.128615	0.571851	-1.74871	0.0133743	2.83645	2.83645	0.0148609	2.77194	2.77194	0.476511	1.27932	1.27932	0.115269	0.558403	-1.79082
cg14604369	SC4MOL;SC4MOL	0.0294925	0.0390743	0.587229	-1.70291	0.00200868	2.64237	2.64237	0.111511	1.47164	1.47164	0.122884	0.688943	-1.4515	0.68701	0.913669	-1.09449
cg05541417	SC4MOL;SC4MOL	0.0318665	0.424016	0.870092	-1.1493	0.260556	0.818738	-1.22139	0.00168526	0.465328	-2.14902	0.860658	0.970499	-1.0304	0.0122201	0.58739	-1.70245
cg08243963	SC5DL;SC5DL	7.42E-15	?	?	?	8.43E-15	0.353787	-2.82656	?	?	?	1.19E-14	2.39901	2.39901	?	?	?
cg22688969	SC5DL;SC5DL	0.000821479	0.364602	0.906943	-1.10261	0.000285936	0.5374	-1.86081	0.685968	0.958277	-1.04354	0.118469	1.19447	1.19447	0.393426	1.09599	1.09599
cg15264525	SC5DL;SC5DL	0.00683104	0.609837	0.882762	-1.13281	0.242335	0.743433	-1.34511	0.957913	1.01287	1.01287	0.262276	0.753361	-1.32738	0.00134248	0.323357	-3.09256
cg10498100	SC5DL;SC5DL	0.015923	0.244319	0.843019	-1.18621	0.159492	1.23462	1.23462	0.449536	1.11409	1.11409	0.545729	0.917847	-1.08951	0.0185242	1.49241	1.49241
cg04683628	SC5DL;SC5DL;SC5DL	0.00627661	0.0428461	0.753676	-1.32683	0.0234311	0.720013	-1.38886	0.330549	1.12954	1.12954	0.795143	0.968926	-1.03207	0.00281452	0.606968	-1.64753
cg25192902	SC5DL;SC5DL;SC5DL	0.0341395	0.821589	0.975665	-1.02494	0.582324	1.06246	1.06246	0.0132556	1.39767	1.39767	0.0965872	1.22016	1.22016	0.978772	1.00291	1.00291
cg09449611	SC65	0.0182575	0.405916	0.9046	-1.10546	0.0506069	0.768995	-1.3004	0.0845607	0.798547	-1.25227	0.170346	1.1879	1.1879	0.167997	0.840919	-1.18918
cg03694795	SC65	0.0257146	0.236028	0.850299	-1.17606	0.87085	1.02148	1.02148	0.0750797	0.771927	-1.29546	0.322624	0.87509	-1.14274	0.00119279	0.537772	-1.85952
cg21735374	SC65;FKBP10	0.00413941	0.210873	0.861985	-1.16011	0.127409	0.830514	-1.20407	0.0214967	1.36498	1.36498	0.505243	1.07914	1.07914	0.0883081	0.809073	-1.23598
cg14084692	SCAF1	0.0012464	0.576628	1.05917	1.05917	0.340062	1.10541	1.10541	0.07512	0.817104	-1.22383	0.73894	1.03468	1.03468	0.426993	0.920661	-1.08618
cg23960022	SCAF1	0.00275709	0.377254	1.14124	1.14124	0.754119	0.955218	-1.04688	0.877272	1.02279	1.02279	0.552362	0.916075	-1.09161	0.0064012	0.596145	-1.67744
cg04264658	SCAF1	0.00857132	0.466519	0.806824	-1.23943	0.312434	1.3535	1.3535	0.164313	0.650608	-1.53702	0.508869	0.823552	-1.21425	0.149917	0.639445	-1.56385
cg25491112	SCAF1	0.00867005	0.00315541	0.785746	-1.27268	0.0117979	0.828652	-1.20678	0.0135493	0.833084	-1.20036	0.478064	0.957806	-1.04405	0.0766451	1.12491	1.12491
cg21619351	SCAF1	0.012602	0.0601628	0.753065	-1.32791	0.48227	1.10024	1.10024	0.000456907	2.09258	2.09258	0.68889	1.05531	1.05531	0.686827	0.947228	-1.05571
cg09407049	SCAF1	0.0134722	0.320936	0.922361	-1.08417	0.00307164	0.726558	-1.37635	0.0196117	0.800735	-1.24885	0.0723105	0.853796	-1.17124	0.0257615	0.811644	-1.23207
cg01508415	SCAF1	0.024297	0.704607	0.940837	-1.06288	0.963553	1.00734	1.00734	0.20555	0.80748	-1.23842	0.0670643	0.719893	-1.38909	0.618767	1.08364	1.08364
cg12554634	SCAF1	0.0282483	0.0261948	0.422674	-2.36589	0.284517	1.43759	1.43759	0.453849	1.28288	1.28288	0.0934488	0.547503	-1.82647	0.0085586	0.334494	-2.98959
cg08056423	SCAF1	0.0392876	0.281661	0.878161	-1.13874	0.0516637	0.773229	-1.29328	0.163209	1.18865	1.18865	0.0353168	1.32926	1.32926	0.0785053	0.796972	-1.25475
cg18157435	SCAF1;RRAS	0.0153519	0.276962	1.14117	1.14117	0.00574905	1.52612	1.52612	0.311349	1.13012	1.13012	0.485856	1.08621	1.08621	0.0798531	1.25481	1.25481
cg00483345	SCAI;SCAI	0.00216211	0.0662431	0.506753	-1.97335	0.013673	0.365624	-2.73505	0.000321968	0.146614	-6.82061	0.728626	1.12178	1.12178	0.0045256	0.287051	-3.4837
cg21220551	SCAI;SCAI	0.00272709	0.00114294	0.29081	-3.43867	0.971752	0.992182	-1.00788	0.0229918	1.90612	1.90612	0.00120195	0.294293	-3.39797	0.00527442	0.403505	-2.47828
cg13478668	SCAI;SCAI	0.0114269	0.0345906	0.254359	-3.93146	0.00342897	0.109824	-9.10551	0.00952187	0.161266	-6.20095	0.11328	0.383846	-2.60521	0.00559843	0.132505	-7.54688
cg03150279	SCAI;SCAI	0.0142122	0.819269	1.03428	1.03428	0.0597411	1.36742	1.36742	0.0205551	1.50827	1.50827	0.186405	0.81357	-1.22915	0.612441	0.927515	-1.07815
cg07779401	SCAI;SCAI	0.0449943	0.242103	0.790692	-1.26471	0.00156433	2.391	2.391	0.391072	1.18361	1.18361	0.63259	1.0968	1.0968	0.305017	1.22599	1.22599
cg03056766	SCAMP1	0.000109826	0.116486	0.845301	-1.18301	0.368641	0.913032	-1.09525	0.0867371	0.829932	-1.20492	0.810879	0.976656	-1.0239	0.241583	0.886229	-1.12838
cg22453791	SCAMP1	0.00659972	0.181037	0.768139	-1.30185	0.000500677	0.363809	-2.7487	0.124897	0.734503	-1.36147	0.0523814	0.663785	-1.50651	0.00635401	0.516927	-1.93451
cg09048128	SCAMP1	0.00895286	0.106735	0.649397	-1.53989	0.00549388	0.408665	-2.44699	0.0246077	0.518836	-1.92739	0.303261	1.29873	1.29873	0.000664676	0.278782	-3.58704
cg19639490	SCAMP2	0.00845689	0.00798207	0.349895	-2.858	0.19216	1.53166	1.53166	0.237005	1.46611	1.46611	0.479652	0.800979	-1.24847	0.0148555	0.39638	-2.52283
cg19594433	SCAMP2	0.0373493	0.0895897	1.79629	1.79629	0.00658262	3.01724	3.01724	0.0571661	1.96101	1.96101	0.269432	1.43323	1.43323	0.229306	1.48408	1.48408
cg17854654	SCAMP3;CLK2;SCAMP3	0.000601511	0.0077789	0.319938	-3.1256	0.000131581	0.109414	-9.13961	0.0147875	0.3678	-2.71887	0.897407	1.04396	1.04396	0.000119697	0.106148	-9.42079
cg06444207	SCAMP3;CLK2;SCAMP3	0.00293079	0.0533554	0.399434	-2.50355	0.279473	0.624912	-1.60023	0.0427766	0.37716	-2.65139	0.927798	0.962811	-1.03862	0.0118765	0.268978	-3.71778
cg17936495	SCAMP3;CLK2;SCAMP3	0.0317961	0.101427	0.449674	-2.22384	0.97894	0.988305	-1.01183	0.0312412	0.324203	-3.08448	0.512393	0.743711	-1.34461	0.0434412	0.355235	-2.81503
cg13410390	SCAMP3;CLK2;SCAMP3	0.0415133	0.0183559	0.224201	-4.46028	0.513924	0.707608	-1.41321	0.301332	0.571473	-1.74986	0.912332	1.05923	1.05923	0.00388228	0.131079	-7.629
cg16402893	SCAMP3;FAM189B;FAM189B;SCAMP3	0.000853052	0.612526	1.08113	1.08113	3.75E-05	3.35132	3.35132	0.321744	1.16923	1.16923	0.455263	0.890336	-1.12317	0.00103217	0.475908	-2.10125
cg02834871	SCAMP3;FAM189B;FAM189B;SCAMP3	0.0282406	0.0750417	0.55968	-1.78674	0.150715	1.56972	1.56972	0.893076	1.04016	1.04016	0.297997	0.729175	-1.37141	0.00170692	0.269454	-3.71121
cg01573949	SCAMP3;SCAMP3	0.0285657	0.0183298	0.165538	-6.0409	0.0719513	0.283062	-3.53279	0.0607738	0.264971	-3.774	0.0637702	0.270002	-3.70368	0.00518168	0.0984095	-10.1616
cg06208248	SCAMP3;SCAMP3;SCAMP3;SCAMP3	0.00581517	0.780733	1.09559	1.09559	0.152153	1.65176	1.65176	0.0340066	2.24693	2.24693	0.15073	1.65506	1.65506	0.201998	1.55384	1.55384
cg01802344	SCAMP3;SCAMP3;SCAMP3;SCAMP3	0.0147622	0.406134	1.21178	1.21178	0.703388	1.09031	1.09031	0.684131	1.09686	1.09686	0.245585	1.31587	1.31587	0.000234061	0.251822	-3.97106
cg23957800	SCAMP4	0.0222276	0.468506	1.12005	1.12005	0.140542	1.27594	1.27594	0.152779	0.790273	-1.26539	0.91923	0.98453	-1.01571	0.00279352	0.530792	-1.88398
cg20226512	SCAMP4	0.0252494	0.88074	1.03171	1.03171	0.000904014	2.80764	2.80764	0.139052	1.39243	1.39243	0.300898	0.800222	-1.24965	0.164372	0.734573	-1.36134
cg03576636	SCAMP4	0.0348399	0.123219	0.790622	-1.26483	0.229862	0.837567	-1.19393	0.0330543	0.704224	-1.42	0.835565	1.02968	1.02968	0.15997	0.809583	-1.2352
cg22684041	SCAMP4;ADAT3	0.0328677	0.022709	0.442146	-2.2617	0.666627	0.878368	-1.13847	0.246496	0.695826	-1.43714	0.963182	1.01391	1.01391	0.0118778	0.390737	-2.55927
cg14097199	SCAMP4;ADAT3	0.0376551	0.735483	1.08828	1.08828	0.083432	0.619983	-1.61295	0.00139288	0.314884	-3.17577	0.2621	0.746966	-1.33875	0.371048	0.795208	-1.25753
cg11783264	SCAMP4;ADAT3	0.0471985	0.495979	0.867995	-1.15208	0.468008	1.16325	1.16325	0.775543	1.06029	1.06029	0.125232	1.40472	1.40472	0.0306335	0.594452	-1.68222
cg14541152	SCAMP5	0.000527815	0.0418142	1.63259	1.63259	0.118049	1.42559	1.42559	0.000169497	0.262793	-3.80527	0.0367936	0.602433	-1.65994	0.0784939	1.5043	1.5043
cg03833512	SCAND1;SCAND1	0.00957956	0.0423381	0.57432	-1.74119	0.4225	0.823405	-1.21447	0.10736	0.659153	-1.5171	0.0921342	0.644239	-1.55222	0.0138887	0.486332	-2.05621
cg01470283	SCAND1;SCAND1	0.014211	0.0890023	0.794704	-1.25833	0.363879	1.1211	1.1211	0.133572	1.21925	1.21925	0.0771609	0.786047	-1.27219	0.142229	0.824253	-1.21322
cg02325679	SCAND1;SCAND1;SCAND1	1.51E-06	?	?	?	1.48E-06	5.51384	5.51384	9.58E-07	7.19879	7.19879	0.0211638	1.06874	1.06874	0.000256824	0.736906	-1.35703
cg04284033	SCAND2;SCAND2	0.00258945	0.0722097	0.787339	-1.2701	0.00272928	0.610787	-1.63723	0.000202708	0.475894	-2.10131	0.657777	0.948261	-1.05456	0.00427196	0.634123	-1.57698
cg23083516	SCAND2;SCAND2	0.00427773	0.0216703	0.288686	-3.46397	0.675927	0.827396	-1.20861	0.0750621	0.409264	-2.44341	0.0191886	0.278863	-3.58599	0.000421356	0.0805754	-12.4107
cg13973816	SCAND2;SCAND2	0.00436936	0.0449842	1.21364	1.21364	0.0819085	1.17614	1.17614	0.182318	1.12651	1.12651	0.173599	1.12958	1.12958	0.24164	1.10865	1.10865
cg27346851	SCAND2;SCAND2	0.034342	0.0138074	1.68195	1.68195	0.947307	0.988771	-1.01136	0.656561	1.07946	1.07946	0.0541548	1.45266	1.45266	0.670847	0.929566	-1.07577
cg16081426	SCAND2;SCAND2	0.0364086	0.0241096	0.29709	-3.36598	0.0535924	0.371894	-2.68894	0.243183	0.576321	-1.73514	0.0819184	0.419004	-2.38661	0.0862799	0.425195	-2.35186
cg21280451	SCAND3	1.25E-07	0.0334818	1.24365	1.24365	0.000251893	0.588759	-1.69849	2.59E-09	0.0896504	-11.1544	0.664787	1.03901	1.03901	0.000130167	0.558078	-1.79186
cg00337181	SCAND3	2.80E-07	0.193118	0.849125	-1.17768	0.00823156	0.669397	-1.49388	0.000103936	0.442638	-2.25918	0.234132	0.862332	-1.15965	0.000607026	0.533895	-1.87303
cg21721523	SCAND3	5.52E-07	0.0842672	0.71776	-1.39322	0.714342	0.938165	-1.06591	2.24E-07	0.0667254	-14.9868	0.835916	0.964631	-1.03667	0.00313749	0.496017	-2.01606
cg09589105	SCAND3	4.84E-06	0.10019	0.703915	-1.42063	0.00512591	0.486371	-2.05605	3.17E-06	0.116082	-8.61462	0.161885	0.747406	-1.33796	0.279235	0.803088	-1.24519
cg07798774	SCAND3	5.08E-06	0.15918	0.742684	-1.34647	0.0160009	0.558187	-1.79151	1.27E-05	0.162742	-6.14468	0.708504	1.07708	1.07708	0.000140011	0.272488	-3.66989
cg27136241	SCAND3	5.90E-06	0.175619	0.836186	-1.19591	0.00104626	1.8269	1.8269	0.347398	1.12771	1.12771	0.0967265	1.25421	1.25421	0.598028	1.06833	1.06833
cg01980958	SCAND3	6.47E-06	0.8866	1.01689	1.01689	0.849165	0.977893	-1.02261	2.23E-05	0.368311	-2.71509	0.847014	1.02294	1.02294	0.245025	1.15347	1.15347
cg22302929	SCAND3	1.73E-05	0.0559766	0.758073	-1.31913	1.80E-05	3.06726	3.06726	0.0155346	0.68407	-1.46184	0.000205686	2.21564	2.21564	0.498567	1.09187	1.09187
cg13120174	SCAND3	2.05E-05	0.106704	0.631858	-1.58263	0.0382959	0.534862	-1.86964	4.51E-05	0.133752	-7.47653	0.394452	0.796646	-1.25526	0.0193062	0.47828	-2.09083
cg23116340	SCAND3	2.20E-05	0.548874	0.862864	-1.15893	0.185871	0.710998	-1.40647	4.23E-05	0.150454	-6.64653	0.323875	0.780546	-1.28115	0.0157737	0.487082	-2.05304
cg12284319	SCAND3	2.21E-05	0.762609	1.07606	1.07606	0.103417	0.649867	-1.53878	7.23E-05	0.174031	-5.74611	0.0786121	1.6043	1.6043	0.498211	1.18103	1.18103
cg07160574	SCAND3	3.19E-05	0.00715526	0.67963	-1.47139	4.46E-06	3.2357	3.2357	0.99092	0.998735	-1.00127	0.00277479	0.632058	-1.58213	0.749348	1.03629	1.03629
cg26529239	SCAND3	3.49E-05	0.798683	1.06237	1.06237	0.0569141	0.600442	-1.66544	4.48E-05	0.160514	-6.23	0.109257	1.512	1.512	0.698707	0.912031	-1.09645
cg08925433	SCAND3	3.67E-05	0.153385	0.694554	-1.43977	0.529586	0.859128	-1.16397	2.46E-05	0.135138	-7.39982	0.786319	0.937268	-1.06693	0.021445	0.517454	-1.93254
cg07031070	SCAND3	3.74E-05	0.869145	1.02789	1.02789	0.363057	0.855582	-1.1688	5.76E-05	0.288018	-3.47201	0.219745	0.806288	-1.24025	0.0450327	0.68129	-1.4678
cg20007894	SCAND3	4.25E-05	0.280579	0.685772	-1.45821	0.486715	0.788457	-1.2683	3.87E-05	0.0705457	-14.1752	0.530189	0.80746	-1.23845	0.0340347	0.435139	-2.29812
cg00584955	SCAND3	6.92E-05	0.679494	0.908887	-1.10025	0.0671083	0.623819	-1.60303	7.67E-05	0.192458	-5.19595	0.460478	0.841314	-1.18862	0.905424	0.973038	-1.02771
cg04351585	SCAND3	7.79E-05	0.559909	0.8933	-1.11944	0.846364	1.03783	1.03783	0.00579185	0.500639	-1.99745	0.0189496	0.580502	-1.72265	0.894122	0.974836	-1.02581

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04151384	0.00179233	0.595232	-1.68002	4.71E-05	0.408257	-2.44944	0.229423	0.863071	-1.15865	0.0980946	0.80907	-1.23599	9.39436	2.02861	0.191946	1
cg02896250	0.850188	0.958577	-1.04321	0.675705	1.0987	1.0987	0.00156365	2.76441	2.76441	0.403731	1.21066	1.21066	7.67896	6.08804	0.70473	1
cg09501762	0.508491	0.856188	-1.16797	0.00026074	0.249084	-4.01471	0.548659	1.15083	1.15083	0.807876	0.945168	-1.05801	7.46116	6.3316	0.754318	1
cg01924372	0.135296	1.73195	1.73195	0.913092	0.963438	-1.03795	0.0105913	2.99449	2.99449	0.125253	1.76143	1.76143	5.3477	9.8585	1.63867	1
cg09046979	0.118745	0.676483	-1.47823	0.0193435	1.92096	1.92096	0.0230631	1.8724	1.8724	0.0725268	0.629722	-1.588	4.34527	3.66608	0.74995	1
cg27016020	0.00582737	1.39575	1.39575	0.0860887	0.839338	-1.19142	0.826353	0.979915	-1.0205	0.115047	1.17145	1.17145	4.08676	0.551975	0.120057	1
cg16645423	0.0760621	0.410359	-2.43689	0.0151217	0.260044	-3.84551	0.00555438	5.17496	5.17496	0.869707	0.928603	-1.07689	3.95904	12.766	2.86624	1
cg00446595	0.738635	0.923292	-1.08308	0.473634	1.1897	1.1897	0.166189	0.703361	-1.42175	0.34039	0.791224	-1.26386	3.61365	3.25103	0.79969	1
cg02363969	0.0101476	0.586652	-1.70459	0.00276687	1.97165	1.97165	0.200016	0.800384	-1.2494	0.0714173	1.39256	1.39256	9.49719	4.06895	0.380833	1
cg00844791	0.00232071	0.0977122	-10.2341	0.0039802	0.120429	-8.30363	0.963658	0.975397	-1.02522	0.522236	0.701465	-1.42559	8.96358	42.4332	4.20796	1
cg23226510	0.269822	0.831163	-1.20313	0.000442302	2.44191	2.44191	0.438523	1.13561	1.13561	0.716504	0.942997	-1.06045	8.87628	3.64122	0.36464	1
cg15814157	0.290813	0.784228	-1.27514	0.0967619	1.49813	1.49813	0.987387	0.996501	-1.00351	0.383642	0.82031	-1.21905	6.17539	4.80811	0.692082	1
cg09364245	0.0144004	1.58353	1.58353	0.0147555	1.57977	1.57977	0.500806	0.901106	-1.10975	0.389368	1.14388	1.14388	5.77629	2.12447	0.326925	1
cg09469223	0.360309	1.39131	1.39131	0.0487263	2.20443	2.20443	0.997859	1.00094	1.00094	0.0946434	0.524621	-1.90614	5.7677	11.2638	1.73592	1
cg18391611	0.753639	0.906453	-1.1032	0.124564	0.59527	-1.67991	0.276832	0.702691	-1.4231	0.883842	0.955419	-1.04666	3.74915	5.77841	1.37001	1
cg23459386	0.029508	0.688613	-1.4522	0.115983	1.28231	1.28231	0.175941	1.233	1.233	0.0116115	0.631771	-1.58285	10.0415	3.3694	0.298263	1
cg08121792	0.0722801	0.560322	-1.78469	0.358481	0.761341	-1.31347	0.718051	1.11038	1.11038	0.0421198	0.508556	-1.96635	3.95119	5.21835	1.17396	1
cg09921884	0.102506	0.836217	-1.19586	3.13E-05	0.443658	-2.25399	0.631262	0.952743	-1.0496	0.453201	0.926356	-1.0795	13.1344	2.08477	0.141089	1
cg10169108	0.173702	1.33484	1.33484	0.0442896	1.58568	1.58568	0.984994	1.00376	1.00376	0.947366	1.01326	1.01326	11.4652	7.22999	0.560537	1
cg14401897	0.0137149	0.561391	-1.78129	0.366268	1.19225	1.19225	0.00551582	0.501055	-1.99579	0.763975	1.0587	1.0587	11.0131	6.25952	0.505217	1
cg26517584	0.043331	0.534964	-1.86928	0.0634971	0.570262	-1.75358	0.677267	1.11925	1.11925	0.0113481	0.426025	-2.34728	9.27171	10.6397	1.02004	1
cg09174123	0.00511058	0.19061	-5.24631	0.00704494	0.210016	-4.76154	0.0948049	0.439313	-2.27628	0.0408802	0.347367	-2.8788	7.6361	24.2746	2.82572	1
cg07559992	0.0269045	0.462342	-2.1629	0.052158	0.521959	-1.91586	0.0899529	0.576869	-1.73349	0.659312	1.1395	1.1395	7.31642	10.0396	1.21974	1
cg26019472	0.12146	2.74575	2.74575	0.489445	1.52561	1.52561	0.00976217	7.14138	7.14138	0.0402401	4.16079	4.16079	6.57547	37.6886	5.09484	1
cg10632600	0.0538571	0.282326	-3.54201	0.00166177	0.0743082	-13.4575	0.0106566	0.156445	-6.39204	0.18131	0.440468	-2.27031	5.88122	31.0937	4.69951	1
cg19649900	0.480815	1.33179	1.33179	0.0085368	0.261372	-3.82596	0.0106501	3.61069	3.61069	0.823952	0.914766	-1.09318	5.39884	13.6693	2.25058	1
cg19822716	0.00499852	0.323285	-3.09324	0.587431	1.18119	1.18119	0.427756	1.27905	1.27905	0.0327888	0.468071	-2.13643	5.29245	7.74519	1.30084	1
cg10757068	0.192161	0.704859	-1.41872	0.974568	1.00811	1.00811	0.339272	1.28343	1.28343	0.267206	0.74614	-1.34023	5.03468	5.11806	0.903609	1
cg05634040	0.0128541	2.2907	2.2907	0.471405	0.821556	-1.2172	0.0248572	2.04722	2.04722	0.493958	1.20487	1.20487	4.93783	5.62941	1.01338	1
cg25960854	0.875773	0.987633	-1.01252	0.650582	0.96438	-1.03694	0.292082	1.09084	1.09084	0.00201698	0.707165	-1.4141	4.40075	0.440964	0.0890685	1
cg27409514	0.573425	1.16099	1.16099	0.00549258	0.383696	-2.60623	0.592083	1.15249	1.15249	0.284928	0.747187	-1.33835	4.11239	4.48418	0.96925	1
cg07824663	0.616223	0.801074	-1.24832	0.544827	0.764148	-1.30865	0.144573	1.98939	1.98939	0.0764688	0.421061	-2.37495	4.08446	12.462	2.71208	1
cg23540765	0.119836	1.63959	1.63959	0.729495	1.10706	1.10706	0.977955	1.00813	1.00813	0.745213	1.10025	1.10025	3.89093	5.29	1.20851	1
cg03178838	0.00338068	0.363142	-2.75375	1.40E-05	0.0998832	-10.0117	0.0506976	1.76097	1.76097	0.00366679	2.7142	2.7142	26.4579	27.0671	0.909356	1
cg24346815	0.573224	1.17463	1.17463	2.97E-05	0.0989733	-10.1037	0.00990817	0.397997	-2.51258	0.00325454	0.321559	-3.10985	20.7028	26.2169	1.12564	1
cg09495643	0.0270098	0.528177	-1.89331	9.86E-06	0.0986963	-10.1321	0.0537361	1.70567	1.70567	0.0230174	1.94019	1.94019	20.3679	19.1708	0.836649	1
cg23885932	0.0227772	0.381867	-2.61871	9.89E-05	0.0870287	-11.4905	0.774694	1.10669	1.10669	0.177319	1.65941	1.65941	10.2639	20.2826	1.75654	1
cg16238993	0.0186691	0.283705	-3.52479	0.00014131	0.054914	-18.2103	0.679441	1.20156	1.20156	0.222607	1.76185	1.76185	10.0685	31.1388	2.74907	1
cg18608055	0.541801	1.1923	1.1923	0.10567	0.604499	-1.65426	0.179525	1.50081	1.50081	0.0115856	0.407013	-2.45692	9.74926	12.5228	1.14177	1
cg24712567	0.879262	0.966266	-1.03491	0.000219983	0.249074	-4.01487	0.00985738	2.0882	2.0882	0.714474	0.920396	-1.08649	9.60041	7.74901	0.71747	1
cg05919982	0.000433507	1.8451	1.8451	0.00287642	1.57039	1.57039	0.276566	0.882863	-1.13268	0.551878	1.0685	1.0685	8.04921	1.54486	0.170602	1
cg17728125	0.00127833	0.441842	-2.26325	0.0770637	0.710442	-1.40757	0.00156728	0.453832	-2.20346	0.493475	0.886089	-1.12855	8.04715	3.85427	0.425743	1
cg06572563	0.79952	1.04819	1.04819	0.0482536	1.51807	1.51807	0.999806	0.999955	-1.00004	0.617429	0.911071	-1.09761	7.55871	4.0946	0.481517	1
cg00467278	0.364617	0.551977	-1.81167	7.07E-05	0.00981214	-101.915	0.310725	1.95238	1.95238	0.609396	1.38918	1.38918	6.85278	44.1616	5.72829	1
cg02297063	0.0530063	0.270457	-3.69744	0.000872013	0.0513161	-19.4871	0.840949	1.12693	1.12693	0.27153	1.97531	1.97531	6.08469	34.0828	4.97902	1
cg07573872	0.179222	0.388759	-2.57229	0.00034341	0.0220057	-45.4428	0.440382	0.593901	-1.68378	0.0362701	0.199464	-5.01343	5.5986	38.8816	6.17323	1
cg24251439	0.109638	0.783959	-1.27558	0.744168	0.95533	-1.04676	0.0197686	1.48112	1.48112	0.00227537	1.8142	1.8142	5.46416	1.68536	0.274168	1
cg22597120	0.50881	0.840206	-1.19018	0.393312	0.7968	-1.25502	0.0478381	1.7999	1.7999	0.370189	0.787374	-1.27004	4.68887	5.01121	0.949996	1
cg19864130	0.0534749	0.395341	-2.52946	0.0167029	0.290504	-3.44229	0.170608	0.539348	-1.85409	0.119114	2.04551	2.04551	4.67885	13.2655	2.52018	1
cg12170787	0.0209098	0.534537	-1.87078	0.0079129	0.464117	-2.15463	0.207238	1.3495	1.3495	0.0303056	0.563331	-1.77516	4.50845	3.62661	0.715025	1
cg05376228	0.680245	1.13732	1.13732	0.0261291	0.440664	-2.2693	0.00665184	2.98466	2.98466	0.606108	0.850863	-1.17528	4.10075	6.26163	1.35729	1
cg15257224	0.844196	0.969344	-1.03163	0.0206634	1.55421	1.55421	0.244648	0.824821	-1.21238	0.0615657	0.716617	-1.39544	3.69165	1.46395	0.352496	1
cg23445341	0.154068	0.711094	-1.40628	0.0879037	0.656483	-1.52327	0.0682347	0.633667	-1.57812	0.546406	0.872501	-1.14613	3.61218	2.85639	0.702902	1
cg00095870	0.915522	1.02254	1.02254	0.895894	0.972876	-1.02788	0.283714	0.791407	-1.26357	0.0164756	0.540357	-1.85063	3.58606	2.50593	0.621154	1
cg12255995	0.289694	0.636951	-1.56998	0.0350786	0.365034	-2.73947	0.553055	1.27928	1.27928	0.187887	1.77318	1.77318	3.38928	9.04299	2.37166	1
cg02791973	0.0187842	0.366835	-2.72602	2.51E-05	0.0524462	-19.0672	0.120899	1.80841	1.80841	0.0337669	2.3946	2.3946	17.683	34.7478	1.74671	1
cg06924602	0.00166646	0.41431	-2.41365	2.57E-07	0.0497431	-20.1033	1.87E-05	0.18144	-5.51147	0.0018644	0.421118	-2.37463	45.2328	27.502	0.540454	1
cg16064623	0.0664152	0.784862	-1.27411	0.129903	1.2123	1.2123	0.162649	1.19172	1.19172	0.347971	0.892516	-1.12043	31.1068	6.82213	0.194945	1
cg27050793	0.0110776	0.668129	-1.49672	0.0173385	1.44319	1.44319	0.224194	1.17544	1.17544	0.000276464	0.470665	-2.12465	23.905	6.06764	0.225621	1
cg08463848	0.0124454	0.284544	-3.5144	0.00490177	0.221658	-4.51146	0.0929965	0.473859	-2.11033	0.316691	0.658155	-1.5194	5.4746	14.1599	2.29909	1
cg21987785	0.714807	0.863319	-1.15832	0.000861723	0.13485	-7.41562	0.00278717	0.19188	-5.21158	0.104482	0.491301	-2.03541	8.27109	21.0091	2.25783	1
cg17783641	4.58E-05	0.316454	-3.16002	0.00575481	0.582429	-1.71695	0.115738	0.774633	-1.29093	0.252506	0.836504	-1.19545	15.4816	5.46986	0.314056	1
cg13036321	0.985545	1.00447	1.00447	0.00333535	0.373973	-2.67399	0.0914859	0.63285	-1.58015	0.230381	1.36313	1.36313	13.4398	12.9015	0.853283	1
cg14750144	0.678717	0.931767	-1.07323	0.0192672	0.618579	-1.61661	0.00083989	2.34506	2.34506	0.146671	0.767736	-1.30253	12.3302	5.62181	0.405278	1
cg05119988	0.127809	0.781233	-1.28003	0.00084492	0.471167	-2.12239	0.20583	0.818632	-1.22155	0.328439	0.85963	-1.16329	10.9181	3.8881	0.316546	1
cg04157983	0.176587	1.24505	1.24505	0.00136819	0.492269	-2.03141	0.000534903	0.439492	-2.27536	0.118855	0.772384	-1.29469	7.80487	2.87737	0.327701	1
cg22904577	0.0329512	0.427947	-2.33674	0.153157	0.594203	-1.68293	0.311728	1.42777	1.42777	0.899674	1.04385	1.04385	4.49073	8.23552	1.63013	1
cg14604369	0.652027	1.10648	1.10648	0.50382	0.859663	-1.16325	0.937204	1.01772	1.01772	0.845927	0.957562	-1.04432	4.11165	3.23554	0.699486	1
cg05541417	0.773748	1.05035	1.05035	0.195279	0.791795	-1.26295	0.254563	1.22476	1.22476	0.825047	1.03845	1.03845	3.99985	1.83999	0.408903	1
cg08243963	?	?	?	?	?	?	?	?	?	?	?	?	1.35E+14	3.8297	2.84E-14	1
cg22688969	0.325429	0.899012	-1.11233	8.12E-05	2.10685	2.10685	0.165042	0.856183	-1.16797	0.284694	0.890018	-1.12357	12.439	2.16557	0.154752	1
cg15264525	0.00347847	0.382574	-2.61387	0.00103525	0.308093	-3.24577	0.976293	1.00723	1.00723	0.0337035	0.548301	-1.82381	6.66567	6.19743	0.826448	1
cg10498100	0.555832	0.919865	-1.08712	0.00152194	0.52729	-1.89649	0.908004	1.01634	1.01634	0.0581985	1.35004	1.35004	5.07913	1.58115	0.276713	1
cg04683628	0.00943278	0.670862	-1.49062	0.00177625	0.582835	-1.71575	0.185976	1.18545	1.18545	0.0595752	0.772629	-1.29428	6.84315	1.59523	0.207212	1
cg25192902	0.0181882	0.731417	-1.36721	0.075749	0.806057	-1.24061	0.820595	0.975528	-1.02509	0.0555553	1.267	1.267	3.90207	0.735263	0.167492	1
cg09449611	0.00197822	0.597296	-1.67421	0.0602397	1.28391	1.28391	0.21856	1.16486	1.16486	0.993876	1.00091	1.00091	4.85188	1.06847	0.195749	1
cg03694795	0.716905	0.953557	-1.0487	0.0261835	0.708575	-1.41128	0.13949	1.23082	1.23082	0.955772	0.992783	-1.00727	4.31467	1.16549	0.240108	1
cg21735374	0.0165103	0.71894	-1.39094	0.000184878	0.490882	-2.03715	0.145814	0.83868	-1.19235	0.115485	0.824668	-1.21261	7.77174	1.56223	0.17868	1
cg14084692	0.00074359	0.593409	-1.68518	0.000138194	1.95713	1.95713	0.0165581	0.742052	-1.34761	0.708873	1.03897	1.03897	11.0514	1.81816	0.146239	1
cg23960022	0.403526	0.882809	-1.13275	0.293253	0.853013	-1.17232	0.000102195	2.7269	2.7269	0.0632996	1.356	1.356	8.77496	2.95497	0.299333	1
cg04264658	0.0277386	0.470629	-2.12482	0.0132016	2.435	2.435	0.259546	1.40596	1.40596	0.000808376	0.231316	-4.32308	6.2076	8.25016	1.18137	1
cg25491112	0.675374	0.975141	-1.02549	0.137524	1.10031	1.10031	0.189656	0.920319	-1.08658	0.00855183	0.818311	-1.22203	6.18515	0.349945	0.0502917	1
cg21619351	0.593323	1.07477	1.07477	0.0429168	0.732225	-1.3657	0.770961	0.961705	-1.03982	0.611249	0.933728	-1.07098	5.48551	1.55458	0.251909	1
cg09407049	0.0200287	0.801575	-1.24754	0.0455908	1.19801	1.19801	0.762968	0.976444	-1.02412	0.0607662	0.84654	-1.18128	5.36714	0.527958	0.0874388	1
cg01508415	0.536757	1.10534	1.10534	0.00179471	2.03656	2.03656	0.0258299	0.654596	-1.52766	0.938594	0.987739	-1.01241	4.40061	1.78685	0.36093	1
cg12554634	0.00464915	0.292572	-3.41796	0.33239	0.72146	-1.38608	0.952172	0.980607	-1.01978	0.4803	0.791162	-1.26396	4.17477	7.04803	1.50066	1
cg08056423	0.356756	0.895777	-1.11635	0.0144334	1.4192	1.4192	0.998882	1.00016	1.00016	0.776054	1.03367	1.03367	3.70756	0.791791	0.189832	1
cg18157435	0.588825	0.938256	-1.06581	0.0161964	0.709294	-1.40985	0.0311156	0.744188	-1.34375	0.0722971	0.791175	-1.26394	5.14108	1.11047	0.192	1
cg00483345	0.314713	0.709628	-1.40919	0.0134556	0.364384	-2.74436	0.0264236	0.41961	-2.38317	0.000374547	0.153071	-6.53292	9.42506	16.2488	1.53244	1
cg21220551	0.730939	1.07964	1.07964	0.205346	0.739332	-1.35257	0.174041	1.38801	1.38801	0.0233791	1.90086	1.90086	13.01	9.64218	0.494093	1
cg13478668	0.108466	0.378013	-2.64541	0.00406827	0.117345	-8.5219	0.0222823	0.218297	-4.58091	0.0356086	0.256923	-3.89221	5.66252	27.6839	4.34576	1
cg03150279	0.331665	0.862842	-1.15896	0.196423	1.22286	1.22286	0.00115961	0.495185	-2.01945	0.924361	0.98611	-1.01409	5.27373	1.81211	0.305431	1
cg07779401	0.120535	1.38127	1.38127	0.393028	0.845489	-1.18275	0.158999	1.33477	1.33477	0.801973	0.952939	-1.04938	3.52569	2.05463	0.518008	1
cg03056766	0.0468615	0.79916	-1.25131	3.80E-06	0.345472	-2.89459	0.000150013	1.89936	1.89936	0.13401	0.852798	-1.17261	21.5919	3.32012	0.136681	1
cg22453791	0.0101982	0.547874	-1.82524	0.0989783	1.39932	1.39932	0.18577	0.770582	-1.29772	0.0767006	0.693704	-1.44154	6.73745	3.6817	0.485735	1
cg09048128	0.105002	0.64775	-1.5438	0.171818	0.700081	-1.42841	0.832952	0.949543	-1.05314	0.0161949	0.486266	-2.05649	6.12257	5.82674	0.84594	1
cg19639490	0.709579	0.890891	-1.12247	0.00103556	0.222993	-4.48445	0.674183	0.877582	-1.13949	0.0168872	0.406519	-2.45991	6.23403	9.41678	1.34271	1
cg19594433	0.596077	1.18225	1.18225	0.00425165	3.31142	3.31142	0.16344	1.59278	1.59278	0.0254603	2.29573	2.29573	3.77689	5.85887	1.37888	1
cg17854654	0.00220894	0.239178	-4.18099	0.00067527	0.17668	-5.65995	0.0499644	0.4745	-2.10748	0.0210673	0.396434	-2.52249	13.5744	23.9083	1.56558	1
cg06444207	0.00153197	0.148563	-6.73113	0.000175801	0.0699194	-14.3022	0.773727	0.886446	-1.1281	0.00428544	0.202402	-4.94066	8.61763	23.8632	2.46143	1
cg17936495	0.00651142	0.20684	-4.83466	0.00606647	0.202501	-4.93824	0.566763	1.29439	1.29439	0.126184	0.478364	-2.09046	4.00302	12.5915	2.79599	1
cg13410390	0.0578354	0.326092	-3.06662	0.0149262	0.209291	-4.77804	0.336908	0.596118	-1.67752	0.131914	0.42756	-2.33885	3.63298	15.7082	3.84337	1
cg16402893	0.223155	0.822424	-1.21592	0.25263	0.83318	-1.20022	0.117328	1.29668	1.29668	0.983726	1.00312	1.00312	12.3074	4.54713	0.32841	1
cg02834871	0.516808	0.824954	-1.21219	0.0188996	0.435021	-2.29874	0.896373	0.96257	-1.03889	0.140686	0.628802	-1.59033	4.17517	5.66749	1.2066	1
cg01573949	0.0395934	0.224168	-4.46094	0.0109746	0.134622	-7.42823	0.297632	0.507434	-1.9707	0.0259418	0.189941	-5.26479	4.15835	25.9988	5.55751	1
cg06208248	0.0500482	2.07715	2.07715	0.000333021	0.150445	-6.64694	0.185455	0.631688	-1.58306	0.45608	1.28188	1.28188	7.00644	11.8761	1.50669	1
cg01802344	0.672393	0.908341	-1.10091	0.756169	1.07294	1.07294	0.728838	1.08184	1.08184	0.72769	0.924031	-1.08222	5.20813	4.21388	0.719196	1
cg23957800	0.919812	0.984641	-1.0156	0.00788807	0.592228	-1.68854	0.784806	0.958801	-1.04297	0.0416461	0.69698	-1.43476	4.53788	1.69802	0.332611	1
cg20226512	0.253896	1.2811	1.2811	0.0818576	1.49315	1.49315	0.5658	1.12828	1.12828	0.22315	1.30491	1.30491	4.34221	2.97284	0.608567	1
cg03576636	0.220765	0.834337	-1.19856	0.00848672	0.623308	-1.60434	0.119788	0.788619	-1.26804	0.0026753	0.557601	-1.7934	3.87355	1.21441	0.278679	1
cg22684041	0.223762	1.46591	1.46591	0.773437	0.917249	-1.09022	0.03272	2.11215	2.11215	0.0435424	0.499312	-2.00276	3.95576	5.61014	1.26064	1
cg14097199	0.0230309	0.50753	-1.97033	0.373996	0.796389	-1.25567	0.0577128	0.585444	-1.70811	0.334504	0.780111	-1.28187	3.76567	3.71212	0.87625	1
cg11783264	0.0196011	1.78163	1.78163	0.464312	0.858538	-1.16477	0.0329012	1.66695	1.66695	0.103028	1.44087	1.44087	3.46291	2.30014	0.590419	1
cg14541152	0.0567812	0.63733	-1.56905	0.00643925	0.476958	-2.09662	0.352663	0.818878	-1.22118	0.00012685	0.24819	-4.02917	14.0773	9.73226	0.614527	1
cg03833512	0.0145887	0.489982	-2.04089	0.000243598	0.237284	-4.21436	0.371351	0.804376	-1.2432	0.17453	0.709976	-1.4085	5.99224	5.33796	0.791832	1
cg01470283	0.177901	0.839131	-1.19171	0.28615	0.873104	-1.14534	0.0148618	1.44347	1.44347	0.00425761	1.59774	1.59774	5.27387	1.25358	0.211285	1
cg02325679	1.84E-05	0.478951	-2.08789	9.89E-06	0.403983	-2.47535	5.10E-07	0.0875	-11.4286	0.000140123	0.687993	-1.4535	9968.11	29.6837	0.0011167	1
cg04284033	0.202188	1.17405	1.17405	0.0158412	0.703164	-1.42214	0.0133004	0.693843	-1.44125	0.193048	0.848622	-1.17838	8.93899	2.01027	0.1999	1
cg23083516	0.247408	0.57982	-1.72467	0.000522175	0.0873756	-11.4448	0.199927	0.543207	-1.84092	0.0186733	0.276705	-3.61395	7.69492	24.7537	2.85946	1
cg13973816	0.000576756	0.638732	-1.5656	0.453923	0.937817	-1.06631	0.00520407	1.36386	1.36386	0.0571081	1.1986	1.1986	7.6457	0.857641	0.0997093	1
cg27346851	0.494951	0.888342	-1.12569	0.00425819	0.520227	-1.92224	0.945381	0.988363	-1.01177	0.760705	0.949149	-1.05358	3.89375	1.80013	0.410944	1
cg16081426	0.985057	1.00849	1.00849	0.00375289	0.171092	-5.84481	0.158676	0.506671	-1.97367	0.0134086	0.251123	-3.98211	3.81216	12.2946	2.86675	1
cg21280451	2.80E-07	0.264632	-3.77884	2.14E-05	0.471993	-2.11867	1.52E-05	0.455291	-2.1964	0.308102	0.911564	-1.09702	124.371	15.1742	0.108451	1
cg00337181	0.0182695	0.711641	-1.4052	3.85E-09	0.0448575	-22.2928	4.36E-07	0.182821	-5.46983	0.442027	0.911112	-1.09756	101.393	22.6456	0.198528	1
cg21721523	5.03E-07	0.0872607	-11.4599	5.64E-08	0.0395829	-25.2635	2.17E-05	0.227014	-4.40502	0.21841	0.798698	-1.25204	85.3273	40.7394	0.424398	1
cg09589105	0.000448276	0.339888	-2.94214	1.06E-07	0.0353346	-28.3009	0.000174966	0.289067	-3.4594	0.132118	0.728483	-1.37272	48.9356	29.4494	0.534932	1
cg07798774	0.00375024	0.461316	-2.16771	2.61E-07	0.0486615	-20.5501	2.55E-06	0.105619	-9.46802	0.0419959	0.629185	-1.58936	48.3468	29.9331	0.55034	1
cg27136241	0.845069	0.975989	-1.0246	0.0147891	0.688951	-1.45148	5.81E-08	9.99074	9.99074	0.311406	1.13894	1.13894	46.5076	11.3668	0.21725	1
cg01980958	0.00946203	0.679711	-1.47121	1.15E-07	0.136238	-7.34012	0.000666209	0.54249	-1.84335	0.333117	1.12437	1.12437	45.414	9.91527	0.194072	1
cg22302929	0.00884715	1.53164	1.53164	0.00570797	1.58998	1.58998	2.22E-06	4.39712	4.39712	6.54E-05	2.55378	2.55378	35.1857	9.12116	0.230426	1
cg13120174	0.000412669	0.231957	-4.31114	5.36E-07	0.0264864	-37.7552	4.94E-05	0.137114	-7.29322	0.449539	0.818036	-1.22244	33.6722	36.2313	0.956442	1
cg23116340	5.46E-05	0.160814	-6.21836	2.86E-06	0.0657043	-15.2197	1.07E-05	0.101884	-9.81505	0.312272	1.28941	1.28941	33.0255	30.9293	0.832469	1
cg12284319	0.000716435	0.287585	-3.47723	4.06E-06	0.0752299	-13.2926	5.02E-06	0.0808269	-12.3721	0.919117	1.02488	1.02488	32.9976	30.5998	0.824298	1
cg07160574	0.429547	0.914228	-1.09382	0.637528	1.05419	1.05419	9.12E-06	2.90807	2.90807	0.025151	1.34467	1.34467	29.9582	5.86754	0.174096	1
cg26529239	0.000482039	0.273573	-3.65533	2.99E-06	0.0716378	-13.9591	5.31E-05	0.167558	-5.96807	0.532667	1.16138	1.16138	29.2762	25.987	0.789022	1
cg08925433	0.000280893	0.242696	-4.12037	1.10E-06	0.0485307	-20.6055	0.00631773	0.428323	-2.33468	0.803082	1.06138	1.06138	28.8861	26.0059	0.800257	1
cg07031070	0.451208	0.879782	-1.13665	5.76E-07	0.0999399	-10.006	0.960439	0.991758	-1.00831	0.436439	1.14164	1.14164	28.745	12.6743	0.39193	1
cg20007894	0.000599907	0.168545	-5.93315	3.83E-06	0.0266835	-37.4763	1.72E-05	0.0516032	-19.3786	0.62522	0.847415	-1.18006	27.7851	49.7748	1.59237	1
cg00584955	0.0279951	0.550485	-1.81658	1.37E-06	0.0586203	-17.0589	0.00106097	0.328568	-3.04351	0.491674	0.851629	-1.17422	24.4236	20.4538	0.744412	1
cg04351585	0.32359	0.822723	-1.21548	9.30E-07	0.0835149	-11.9739	0.000785787	0.378477	-2.64217	0.7118	1.07361	1.07361	23.6692	13.733	0.515736	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N) vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1247 vs. N)	Ratio(1247 vs. N)	p-value(1477 vs. N)	Ratio(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N) vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5 377 vs. N) vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5 637 vs. N) vs. N)	F(Error	
cg27184954	SCAND3	7.85E-05	0.03818055	1.74E-02	1.72492	0.00102159	0.593078	-3.02043	0.000795675	0.3160944	-3.15533	0.942049	1.01663	1.01663	0.477958	0.8490602	-1.17777	0.1220129	0.682140	-1.46596	1.45E-06	0.0622643	-16.0606	0.804028	0.9738314	-1.02773	0.4806454	0.84994	-1.17655	23.6148	19.2379	0.7242138	1
cg20876987	SCAND3	0.000109918	4.23E-05	0.1950953	-5.10457	0.00513443	2.16782	2.16782	0.00034904	0.300175	-3.33139	0.0183781	1.81996	1.81996	0.0258891	0.5748651	-1.73954	0.0245514	1.75169	1.75169	0.00137448	0.2515561	-3.97517	0.305387	0.8008301	-1.24875	0.455079	1.17263	1.17263	21.5871	14.9786	0.61677	1
cg12401158	SCAND3	0.000110858	0.000249385	0.690028	-1.43056	0.5861216	0.967956	-1.0331	4.38E-05	0.631874	-1.58259	0.0391352	1.1519	1.1519	0.0774473	1.1233	1.1233	0.0144592	0.8365	-1.19546	8.34E-05	1.52123	1.52123	0.502285	0.960467	-1.04116	0.851091	1.01119	1.01119	21.5379	1.19703	0.0494026	1
cg25441721	SCAND3	0.000112874	0.00419	1.58031	1.58031	0.0318875	0.991479	-2.55441	3.97E-05	0.053397	-18.7277	0.747597	1.12795	1.12795	0.158358	0.57008	-1.75414	0.0104939	0.181295	-5.51506	1.28E-05	0.0137217	-30.5514	0.000266035	0.1072295	-9.32008	0.8900181	1.052087	1.052087	21.4541	47.2038	1.95758	1
cg09348360	SCAND3	0.000111915	0.660378	0.855097	-1.16946	0.768918	0.900955	-1.10993	0.000341583	0.129761	-7.70646	0.209161	0.625837	-1.59786	0.0054025	0.2731748	-3.65299	0.0003668686	0.132819	-7.52904	9.51E-06	0.0340632	-29.3572	0.525 05	0.070164	-14.2523	0.354084	0.713521	-1.4015	21.1253	41.9363	1.76455	1
cg00571434	SCAND3	0.000119924	0.160512	0.834198	-1.19836	0.00491409	0.637233	-1.56928	4.35E-06	0.277676	-3.60132	0.0500072	1.33031	1.33031	0.0226728	0.718986	-1.39085	6.57E-05	0.412453	-2.42452	0.015602	0.68969	-1.43125	0.101615	0.8051152	-1.242	0.6908068	0.952804	-1.04953	21.1033	4.88733	0.2058858	1
cg13784621	SCAND3	0.0001271	0.744091	0.924005	-1.08225	0.00169743	2.95003	2.95003	0.102745	0.650014	-1.53843	0.034443	1.81337	1.81337	0.428178	0.822688	-1.21553	0.510068	1.17495	1.17495	0.00076817	3.41857	3.41857	3.66E-06	13.6719	13.6719	0.00217473	2.823027	2.82307	20.7621	19.1446	0.81964	1
cg15091226	SCAND3	0.000142491	0.578076	1.97575	1.07475	0.000180888	2.24414	2.24414	0.223567	0.846686	-1.17629	0.606573	1.06892	1.06892	0.468773	1.09919	1.09919	0.180185	0.890934	-1.12243	0.163247	0.928912	-1.08588	2.85E-06	4.20888	4.20888	0.4812122	1.09621	1.09621	20.1335	5.24913	0.231747	1
cg10032715	SCAND3	0.000150281	0.0212643	0.562936	-1.7764	0.000464415	0.318944	-3.15535	7.26E-06	0.42823	-1.79847	0.321658	1.23675	1.23675	0.27387	1.26388	1.26388	0.0231683	0.59268	-1.68753	0.0001552	0.245874	-4.06713	0.0815544	0.6068895	-1.49277	0.27446	0.78979	-1.26616	19.8469	13.5382	0.60634	1
cg12319423	SCAND3	0.000253127	0.0068335	0.501462	-1.99417	0.01121356	1.85136	1.85136	0.000100804	0.38826	3.88826	0.0890832	0.691148	-1.44687	0.560027	1.12311	1.12311	0.64527	0.912728	-1.09562	0.0435176	0.63299	-1.5798	5.15E-05	0.44989	0.44989	0.1957244	1.30938	1.30938	17.2315	10.5916	0.546372	1
cg06535324	SCAND3	0.000486295	0.0477831	1.764077	1.76407	0.0002	2.933	2.933	0.0001	0.3	3.98369	0.0176201	1.46731	1.46731	0.0897202	1.43321	1.43321	0.0820225	0.609225	-1.6408	0.557624	1.12086	1.12086	0.0059715	1.966072	1.966072	0.00315638	2.1731	2.1731	44.4611	8.44334	0.521155	1
cg17515793	SCAND3	0.000128073	0.0257703	0.2871648	-3.48228	0.0400555	0.327861	-3.05097	0.00260877	0.140189	-7.13322	0.351812	0.636669	-1.57067	0.0402849	0.327456	-3.05384	0.0160945	0.249619	-4.00611	0.000101008	0.0388852	-25.7167	0.000204358	0.0533443	-18.7814	0.161428	0.494275	-2.02316	0.96568	38.562	3.12583	1
cg22153249	SCAND3	0.000154157	0.0412294	0.614264	1.61924	0.0028635	2.314461	2.31446	0.002828597	0.342284	-2.92155	0.121367	1.45597	1.45597	0.0912851	1.96867	1.96867	0.168939	0.710197	-1.40806	0.00104263	0.321974	-3.10584	0.411683	0.822202	-1.21651	0.78039	0.936823	-1.06744	10.3125	0.960394	0.764779	1
cg08334310	SCAND3	0.000161789	0.58179	1.13483	1.13483	0.631745	1.10456	1.10456	0.00235393	3.9381	3.9381	0.175422	1.38767	1.38767	0.319348	0.79137	-1.26363	0.692875	0.913694	-1.09446	0.542413	1.11213	1.11213	8.46E-05	4.98646	4.98646	0.2031175	1.35721	1.35721	20.1525	8.39561	0.727829	1
cg22887156	SCAND3	0.000179263	0.0586723	0.572537	-1.74661	0.00491409	0.637233	-1.56928	4.35E-06	0.277676	-3.60132	0.0500072	1.33031	1.33031	0.0226728	0.718986	-1.39085	0.0004476	0.18219	-5.48939	1.13E-06	0.0144757	-69.0255	0.000185863	0.0139247	-71.8185	0.0155114	0.2734	-3.65811	0.0004226	0.0158444	2.3353	1
cg18109777	SCAND3	0.000270927	0.929844	1.02099	1.02099	0.04549956	1.71801	1.71801	0.318494	0.784069	-1.2754	0.655825	1.11164	1.11164	0.876426	0.963951	-1.0374	0.113629	0.666209	-1.50103	0.395171	0.8142751	-1.22809	4.71E-05	6.11157	6.11157	0.2454412	1.33196	1.33196	8.82046	7.77646	0.783679	1
cg01605921	SCAND3	0.000972251	0.210922	0.537734	-1.85966	0.02662221	0.292657	-3.44403	0.003249134	0.138192	-7.22863	0.134587	0.457221	-2.18713	0.0186092	0.324015	-3.08612	0.013172	0.23567	-4.24363	0.000496886	0.0711292	-14.0563	0.001190996	0.106873	-9.35703	0.328663	0.616563	-1.62084	2.89483	27.6067	3.11854	1
cg26280322	SCAND3	0.000689956	0.718227	0.915195	-1.09256	0.6943255	0.865388	-1.15918	0.01517795	0.482182	-2.07391	0.8797665	1.03771	1.03771	0.707898	1.04058	1.04058	0.000447691	0.258161	-3.87556	0.00155124	0.327061	-3.05753	0.0045879	0.397381	-2.51648	0.265762	0.753058	-1.32792	7.48334	7.08874	0.2842017	1
cg27333426	SCAND3	0.000486564	0.0199391	0.279402	-3.57907	0.243383	0.599015	-1.66941	0.00605768	0.222046	-4.50356	0.517529	0.759223	-1.31714	0.0731693	0.432177	-2.31387	0.281874	0.625311	-1.5992	0.000189002	0.0711412	-14.0566	0.00696417	0.230937	-4.33019	0.792122	1.11727	1.11727	7.39982	20.6565	2.48132	1
cg04113450	SCAND3	0.000535207	0.0490093	0.513927	-1.87358	0.00188249	0.5779	-1.73064	0.000129467	0.174477	-5.73143	0.409598	1.26034	1.26034	0.234886	0.707915	-1.41904	0.0279398	0.468915	-2.13284	0.017075	0.440149	-2.27196	0.464455	0.824561	-1.21277	0.478078	0.820607	-1.21861	8.32165	0.846435	0.80159	1
cg21875257	SCAND3	0.000587343	0.0111199	0.353772	-2.82668	0.2387708	0.724193	2.41093	0.0851884	0.54149	-1.84676	0.00285829	0.818553	0.818553	0.11744	1.11904	1.11904	0.004766231	0.39846	-2.50972	0.000203458	0.0386852	-25.8647	0.002316	0.096568	-10.3561	0.0533443	-18.7814	0.161428	0.494275	-2.02316	0.96568	38.562	3.12583	1
cg14059615	SCAND3	0.000766681	0.243626	0.74097	-1.34961	0.05548393	0.65399	-1.52922	0.003650357	0.186316	-5.36816	0.160134	0.860744	-1.16162	0.0677734	0.861816	-1.16071	0.0013244	0.327746	-3.05133	0.000125	0.0178222	-56.1025	0.000204358	0.0533443	-18.7814	0.161428	0.494275	-2.02316	0.96568	38.562	3.12583	1
cg03640766	SCAND3	0.000797235	0.622452	0.88165	-1.13424	0.00052481	3.94182	3.94182	0.768451	1.07781	1.07781	0.934835	0.979459	-1.02097	0.501845	1.18886	1.18886	0.91926	1.02607	1.02607	0.111261	0.645095	-1.55016	0.002071 19	0.300618	3.00618	0.184132	1.42986	1.42986	6.35106	6.47935	0.908444	1
cg10600883	SCAND3	0.000800883	0.0113149	0.351836	2.77268	-1.2942	0.02559515	3.07499	0.074499	0.504488	-3.01994	0.487433	1.20912	1.20912	0.986765	0.995545	-1.00447	0.397018	1.26293	1.26293	0.0619753	0.563974	-1.76064	0.00333613	0.293079	2.93079	0.0265507	2.03182	2.03182	0.581506	6.51776	1.01989	1
cg16274668	SCAND3	0.001487217	0.8606964	0.968266	-1.03277	0.263613	0.799196	-1.25126	0.000701685	0.370148	-2.70162	0.608596	1.10445	1.10445	0.02609	0.601831	-1.66164	0.013826	0.556096	-1.79854	0.2599	1.25358	1.25358	0.473845	0.8609201	-1.1504	0.202092	0.771279	-1.29655	5.9543	1.04426	0.328444	1
cg06217314	SCAND3	0.001547117	0.62466	0.877389	-1.13975	0.81859	0.94093	-1.06278	0.001553355	0.27802	-3.59686	0.009569894	0.405322	-2.46718	0.790581	0.931887	-1.07309	0.015158	0.226353	-4.41789	0.0004	0.0144757	-69.0255	0.000185863	0.0139247	-71.8185	0.0155114	0.2734	-3.65811	0.0004226	0.0158444	2.3353	1
cg24530471	SCAND3	0.001634284	0.341324	0.137938	-7.25013	0.2829	0.684658	-1.46059	0.2265	0.713195	-1.40401	0.631247	0.791334	-1.26356	0.0218155	0.155933	-6.41369	0.583675	0.684147	-1.46157	0.0048686	0.0711292	-14.0563	0.001190996	0.106873	-9.35703	0.328663	0.616563	-1.62084	2.89483	27.6067	3.11854	1
cg12437199	SCAND3	0.001864009	0.411461	0.584378	-1.71122	0.5221193	0.660398	-1.51424	0.013722	0.142382	-7.02336	0.560725	1.45687	1.45687	0.0536351	0.2461148	4.0626	0.145713	0.368182	-2.71655	0.0016534	0.0557609	-17.9308	0.00615681	0.273435	-3.65745	0.0013175	0.4818	0.2075	1.31221	5.76037	1	
cg15132876	SCAND3	0.001951148	0.596709	1.10535	1.10535	0.102262	0.71505	-1.3985	0.000351943	0.340612	-2.9359	0.659955	0.92031	-1.08659	0.620956	0.910745	-1.098	0.200659	0.776066	-1.28855	0.599832	1.10439	1.10439	0.0775604	0.692137	-1.4448	0.576965	0.899696	-1.11149	4.74393	2.64137	0.49526	1
cg06086073	SCAND3	0.002003421	0.573649	1.71391	1.71391	0.01715627	0.643747	-1.55341	0.008809	0.1	-6.44	0.266337	1.19201	1.19201	0.3	1.18116	1.18116	0.244079	-4.09565	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg19747227	SCAND3	0.002682 52	0.0126247	0.292555	-3.75664	0.173371	0.391411	-2.55486	0.048443	0.228727	-4.37202	0.290132	0.487564	-2.05101	0.0385421	0.208431	-4.79775	0.146007	0.360176	-2.77642	0.0023101	0.0167114	-16.3045	0.013036	0.133386	-7.49703	0.155099	0.369534	-2.70611	4.25123	28.8242	6.02669	1
cg07508091	SCAND3	0.002703	0.0219842	0.3	-3.12175	0.6788222	0.884668	-1.13055	0.2	0.2	-5.0	0.2	1.0	1.0	0.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg25049387	SCAND3	0.0348355	0.870606	1.03915	1.03915	0.015684	0.497742	-2.00907	0.040982	1.74298	1.74298	0.369181	0.804723	-1.24266	0.329088	1.26779	1.26779	0.0303997	0.549142	-1.82102	0.940017	0.982425	-1.01789	0.028973	1.83372	1.83372	0.70554	1.09354	1.09354	1.83733	1.40438	0.78119	1
cg23534802	SCAND3	0.0379651	0.0509632	0.37555	-2.66276	0.5113322	0.733828	1.72388	0.052474	2.66978	2.66978	0.516747	0.748571	-1.33588	0.105287	0.458581	-2.18064	0.02276	0.905897	-1.10388	0.0403766	2.8379	2.8379	0.363344	1.50641	1.50641	0.381934	1.48441	1.48441	1.7544	11.5387	2.7319	1
cg00858855	SCAND3	0.039	0.7934634	0.968311	-1.03277	0.5566156	0.918151	-1.09005	0.012754	0.1	-7.9	0.2	1.0222	0.0237716	1.39235	1.39235	0.929251	0.90187	-1.10891	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg11414709	SCAND3;SCAND3	2.56E-06	0.335975	0.872966	-1.14552	0.6242119	0.934624	-1.06995	0.0119862	0.651014	-1.53606	0.469288	1.10607	1.10607	0.673925	0.943695	-1.05966	0.698578	0.948108	-1.05473	0.000401095	0.463755	-2.15631	3.41E-08	15.1021	15.1021	0.00783648	1.59568	1.59568	57.6677	17.1267	0.263991	1
cg10227397	SCAND3;SCAND3	4.07E-06	0.0080579	0.590206	-1.69419	0.1494728	0.825858	-1.21079	0.13179	4.39E-05	7.5934	0.0001	1.42683	1.42683	0.0411728	1.70353	1.70353	0.014153	0.254524	-3.92955	0.0001	0.0144757	-69.0255	0.000185863	0.0139247	-71.8185	0.0155114	0.2734	-3.65811	0.0004226	0.0158444	2.3353	1
cg20879936	SCAND3;SCAND3	9.99E-06	0.0146456	0.550541	-1.8164	0.003351779	3.72799	3.12799	0.780401	0.946009	-1.05707	0.0992691	1.43167	1.43167	0.0145953	0.554335	1.80396	0.698061	1.08023	1.08023	4.25E-07	17.3042	17.3042	0.0576699	0.0088222	0.2057	0.0027725	25.3439	0.3539	0.555187	1	
cg06579498	SCAND3;SCAND3	2.98E-05	0.293494	0.795837	-1.25654	0.272323	0.787062	-1.27055	0.02888009	1.71592	1.71592	0.752593	0.0768	1.07068	0.550937	0.881226	-1.13478	0.144294	1.38912	1.38912	1.30E-06	13.5032	13.5032	9.87E-06	7.31824	7.31824	0.00198006	2.49859	2.49859	30.522	21.2296	0.618266	1
cg13212079	SCAND3;SCAND3	0.000255257	0.9939961	0.986178	-1.01407	0.8041242	0.96466	-1.03666	0.4662	0.556	-1.8	0.8	1.0	1.0	0.5	1.0	1.0	0.583676	0.684147	-1.46157	0.0048686	0.0711292	-14.0563	0.001190996	0.106873	-9.35703	0.328663	0.616563	-1.62084	2.89483	27.6067	3.11854	1
cg01449141	SCAND3;SCAND3	0.000351924	0.604185	1.10665	1.10665	0.647675	0.644805	-1.55086	0.006469542	0.90127	2.90127	0.415544	1.17498	1.17498	0.282467	1.24161	1.24161	0.335573	1.21216	1.21216	0.0826797	0.6297	2.21308	1.27E-05	6.16973	6.16973	0.1187741	1.38837	1.38837	15.7455	9.36277	0.528561	1
cg12044123	SCAND3;SCAND3	0.000747659	0.0028317	0.518394	-1.92945	0.0001	3.7971	3.7971	0.0001	0.2	-5.0	0.2	1.542543	1.542543	0.1596	1.558863	1.558863	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg14527344	SCAND3;SCAND3	0.000253683	0.0823823	0.706999	-1.41443	0.0014956	0.2818	2.2818	0.0140503	1.72699	1.72699	0.132166	1.34019	1.34019	0.0561199	0.67717	-1.47674	0.315763	0.829517	-1.20552	0.00129118	2.32799	2.32799	0.0696373	1.44144	1.44144	0.00856218	1.83013	1.83013	8.99324	4.62501	0.457135	1
cg10948458	SCAND3;SCAND3	0.000295052	0.815179	1.0575	1.0575	0.2408564	0.818355	-1.22225	0.01185	0.1	-8.4	0.3	1.11451	1.11451	0.877779	0.964734	-1.03648	0.759752	1.16242	1.16242	0.0454394	1.19534	1.19534	0.0213	0.0019752	4.62645	4.80615	0.03721	1.75869	1.75869	0.2185	6.22285	0.767996	1
cg26145670	SCAND3;SCAND3	0.001186576	0.0006339	0.380404	2.64291	-1.3937	2.3937	2.3937	0.755412	1.12582	1.12582	0.646756	1.80517	0.8517	0.0156254	0.450955	2.21752	0.573143	0.805001	-1.24223	0.0154967	0.177968	-5.619	0.0187284	0.339437	2.94608	0.448455	1.3404	1.3404	5.69353	6.22385	0.767996	1
cg19085712	SCAND3;SCAND3	0.0437286	0.4094751	0.910432	-1.09838	0.100408	1.27936	1.27936	0.053388	0.740546	-1.35036	0.605686	0.931199	-1.07388	0.90226	1.01696	1.01696	0.142837	1.24058	1.24058	0.266088	0.862341	-1.15963	0.0038642	1.70364	1.70364	0.827436	1.03033	1.03033	3.56348	1.05746	0.263776	1
cg26293180	SCAND3;SCAND3	0.049168	0.7113961	0.9	-1.0	0.0171627	0.643747	-1.55341	0.008809	0.1	-6.44	0.266337	1.19201	1.19201	0.3	1.18116	1.18116	0.244079	-4.09565	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg09249302	SCAPER	0.0109189	0.773559	0.962599	-1.03885	0.00945177	0.521202	-1.91831	0.107562	0.792902	-1.26119	0.535421	0.920418	-1.08646	7	7	7	0.13349	0.807464	-1.23845	0.0164982	0.147266	1.47266	0.461488	0.905693	-1.10413	0.0483776	0.742281	-1.3472	5.85997	1.44028	0.245783	1
cg09425049	SCAPER	0.0478	0.352414	0.62787	-1.59283	0.0002564	0.1	-9.9958	0.107562	0.792902	-1.26119	0.535421	0.920418	-1.08646	7	7	7	0.022529	0.198391	0.211838	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg05895507	SCAPER;SCAPER	0.00282747	0.00242793	0.28667	-3.48833	0.00684175	0.354599	-2.82009	0.00469763	0.328873	-3.04069	0.0548561	0.524926	-1.90503	0.000433862	0.192683	-5.18986	0.082295	0.957096	-1.04483	0.804075	1.07634	1.07634	0.163779	1.55243	1.55243	0.0267637	0.459923	2.17428	8.70977	12.0844	1.23329	1
cg08595157	SCAPER;SCAPER	0.00717512	0.0936438	0.126622	-2.6626	0.000805079	0.523365	-1.91071	0.00603694	0.631761	-1.58288	0.332344	0.879813	-1.1366	0.88338	0.981382	-1.01897	0.245723	1.16818	1.16818	0.0375431	1.3261	1.3261	0.324313	0.877808	-1.1392	0.336136	0.880749	-1.1354	5.66431	1.70433	0.230787	1
cg10778931	SCAPER;SCAPER	0.0178559	0.331278	0.684917	-1.46015	0.1883187	0.59095	-1.69251	0.03985	0.127564	-7.84011	0.0177358	0.487211	-2.05125	0.0222603	0.760341	-1.31552	0.0154547	0.583035	-1.71516	0.0003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg22233170	SCAPER;SCAPER	0.0378785	0.122696	0.603665	-1.6571	0.00563001	0.333747	-2.99629	0.0670868	0.53807	-1.85849	0.386371	0.764795	-1.30754	0.08047247	0.362428	-2.75917	0.061981	0.530125	-1.88635	0.520917	1.21713	1.21713	0.0980097	0.578048	-1.72996	0.0742936	0.548507	-1.82313	3.75753	5.42687	1.28379	1
cg19782746	SCAPER;SCAPER	0.0576744	0.0764353	0.244208	-4.09703	0.0544358	0.299323	-3.34	0.0	0.0	-2.58923	0.279104	0.485159	-2.06128	0.0386215	0.2	0.0	-2.23374	0.0123167	0.526798	-1.89826	0.0314775	0.595249	-1.67997	0.0445597	0.622311	1.60651	0.0812345	0.4982	-2.00723	0.0975507	0.663488	-1.50719	0.528805	0.87703	-1.14021	4.68198	0.12944	0.595302	1
cg01021385	SCAP	0.0297142	0.580668	0.884984	-1.12996	0.305832	0.726457	1.26247	0.507065	0.86305	-1.15868	0.224515	1.32457	1.32457	0.526579	1.15094	1.15094	0.002647 98	0.383193	2.60965	0.115398	0.146103	6.84371	0.0397156	0.587403	-1.70241	0.115152	0.684237	-1.46148	4.51682	3.34814	0.576536	1
cg24051786	SCAP	0.0117518	0.271406	0.697483	-1.43373	0.0829687	1.82952	1.82952	0.695233	0.883478	-1.13189	0.290501	1.41224	1.41224	0.00990093	0.359327	-2.78298	0.488512	0.801374	-1.24786	0.00841656	0.346825	-2.8833	0.259276	1.44821	1.44821	0.141145	0.607752	-1.64541	4.00502	6.28042	1.3939	1
cg25167357	SCAP	0.0185736	0.3484443	0.680789	-1.46918	0.1645258	0.577268	-1.73207	0.0	0.0	-5.9358	0.1804009	0.953716	-1.04869	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg06924930	SCAPER	0.0109189	0.773559	0.962599	-1.03885	0.00945177	0.521202	-1.91831	0.107562	0.792902	-1.26119	0.535421	0.920418	-1.08646	7	7	7	0.13349	0.807464	-1.23845	0.0164982	0.147266	1.47266	0.461488	0.905693	-1.10413	0.0483776	0.742281	-1.3472	5.85997	1.44028	0.245783	1
cg09425049	SCAPER	0.0478	0.352414	0.62787	-1.59283	0.0002564	0.1	-9.9958	0.107562	0.792902	-1.26119	0.535421	0.920418	-1.08646	7	7	7	0.022529	0.198391	0.211838	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg05895507	SCAPER;SCAPER	0.00282747	0.00242793	0.28667	-3.48833	0.00684175	0.354599	-2.82009	0.00469763	0.328873	-3.04069	0.0548561	0.524926	-1.90503	0.000433862	0.192683	-5.18986	0.082295	0.957096	-1.04483	0.804075	1.07634	1.07634	0.163779	1.55243	1.55243	0.0267637	0.459923	2.17428	8.70977	12.0844	1.23329	1
cg08595157	SCAPER;SCAPER	0.00717512	0.0936438	0.126622	-2.6626	0.000805079	0.523365	-1.91071	0.00603694	0.631761	-1.58288	0.332344	0.879813	-1.1366	0.88338	0.981382	-1.01897	0.245723	1.16818	1.16818	0.0375431	1.3261	1.3261	0.324313	0.877808	-1.1392	0.336136	0.880749	-1.1354	5.66431	1.70433	0.230787	1
cg10778931	SCAPER;SCAPER	0.0178559	0.331278	0.684917	-1.46015

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24856797	SCARNA23;POLA1	7.80E-05	0.174936	1.18937	1.18937	5.15E-05	0.402159	-2.48658	0.000278142	0.489235	-2.04401	0.422258	1.10355	1.10355	0.000109334	0.440864	-2.26828	0.929095	1.01076	1.01076	0.000214682	2.10176	2.10176	0.909792	0.986469	-1.01372	0.0488614	1.31046	1.31046	23.6613	5.41459	0.203411	1
cg01975035	SCARNA23;POLA1	0.0046838	0.339299	0.778497	-1.28453	0.790528	1.07002	1.07002	0.000255643	0.216304	-4.62312	0.314616	1.30261	1.30261	0.00130806	0.304327	-3.28594	0.672268	0.897469	-1.11425	0.258046	1.34992	1.34992	0.712297	1.09874	1.09874	0.635474	0.885678	-1.12908	7.48613	7.66318	0.909911	1
cg23924939	SCARNA23;POLA1	0.00867695	0.222559	1.42294	1.42294	0.00572114	0.368988	-2.71012	0.0237487	0.47581	-2.10168	0.00125261	0.273417	-3.65742	0.0245672	0.478604	-2.08941	0.342085	1.30914	1.30914	0.434203	1.24555	1.24555	0.825006	1.06283	1.06283	0.234442	0.70966	-1.40913	6.18359	7.41587	1.06603	1
cg27597264	SCARNA27;EEF1E1;EEF1E1	0.00193064	0.976776	0.996482	-1.00353	0.522126	0.924457	-1.08172	0.0797719	0.790247	-1.26543	0.507001	0.921725	-1.08492	3.36E-05	0.377716	-2.64749	0.977239	0.996552	-1.00346	0.0242912	1.38415	1.38415	0.414949	1.10616	1.10616	0.77547	1.03523	1.03523	9.74149	2.26178	0.206382	1
cg04664618	SCARNA4;KIAA0907	0.000883866	1.57E-05	0.323529	-3.09091	0.0954765	1.26057	1.26057	0.206549	0.844985	-1.18345	0.367422	1.12418	1.12418	0.0102869	0.66442	-1.50507	0.581903	0.932106	-1.07284	0.322181	0.878711	-1.13803	0.353626	0.886333	-1.12824	0.0145307	0.683432	-1.4632	12.1848	3.08475	0.225035	1
cg07789281	SCARNA4;KIAA0907	0.0175862	0.00747257	0.0710098	-14.0826	0.0174469	0.108346	-9.22967	0.0593268	0.194977	-5.12881	0.0423438	0.166008	-6.02382	0.00486736	0.0568792	-17.5811	0.0216792	0.120405	-8.30531	0.0108154	0.085577	-11.6854	0.141297	0.29675	-3.36984	0.0289141	0.138325	-7.22936	4.91336	45.8946	8.30291	1
cg24516399	SCARNA6;ATG16L1;ATG16L1	0.00168412	0.000333112	0.359364	-2.78269	0.381705	0.853347	-1.17186	0.256422	0.811075	-1.23293	0.773912	1.05223	1.05223	0.000996562	0.421394	-2.37308	0.911055	1.01995	1.01995	0.0104266	1.76836	1.76836	0.00554168	0.525057	-1.90455	0.279845	1.21967	1.21967	10.1353	5.01559	0.43988	1
cg08068875	SCARNA6;ATG16L1;ATG16L1	0.0229793	0.0415929	2.76183	2.76183	0.138354	1.99352	1.99352	0.334623	1.53768	1.53768	0.0777691	2.33404	2.33404	0.807139	0.899642	-1.11155	0.326727	1.54932	1.54932	0.00350226	5.54391	5.54391	0.00282122	5.92264	5.92264	0.036825	2.85371	2.85371	4.48625	13.2851	2.63227	1
cg09243591	SCARNA6;ATG16L1;ATG16L1	0.0372803	0.916088	0.976686	-1.02387	0.0369094	0.581304	-1.72027	0.0313362	0.568188	-1.75998	0.0389035	1.70772	1.70772	0.402125	0.825365	-1.21159	0.100328	1.49624	1.49624	0.081354	1.54101	1.54101	0.103732	1.4892	1.4892	0.79212	0.942591	-1.06091	3.77945	2.99886	0.705302	1
cg09330909	SCARNA8;HAUS6	0.00127159	0.00422776	0.169135	-5.91244	0.00642363	0.193028	-5.18061	0.0288133	0.30234	-3.30753	0.0189134	0.267396	-3.73976	0.000111877	0.0428021	-23.3633	0.0212079	0.276527	-3.61628	0.000912253	0.1002	-9.98003	0.114428	0.450821	-2.21818	0.000926054	0.10075	-9.92555	10.9883	37.4688	3.03099	1
cg06690644	SCARNA9;KIAA1731	0.0378183	0.225342	0.791059	-1.26413	0.647393	1.08846	1.08846	0.397245	1.17299	1.17299	0.319666	1.20839	1.20839	0.581758	1.10783	1.10783	0.0106397	0.553679	-1.8061	0.031794	1.58917	1.58917	0.479836	0.876158	-1.14135	0.0201083	0.596838	-1.6755	3.75972	2.01741	0.476965	1
cg24975723	SCARNA9;KIAA1731	0.038124	0.393701	0.881676	-1.1342	0.0209343	0.669989	-1.49256	0.0349984	0.701798	-1.42491	0.795702	0.963292	-1.03811	0.00682466	1.65721	1.65721	0.679965	1.06161	1.06161	0.294664	1.1696	1.1696	0.722912	1.05265	1.05265	0.66117	1.06564	1.06564	3.74867	1.23348	0.292485	1
cg07115116	SCARNA9L;EIF1AX	0.000293021	0.333476	0.756169	-1.32246	0.00208418	0.297087	-3.36602	0.794512	0.929481	-1.07587	0.044061	0.522992	-1.91208	0.0175548	0.445002	-2.24718	0.000119786	0.151957	-6.58082	1.06E-05	0.0716999	-13.947	0.616872	0.868215	-1.15179	0.00901299	0.394467	-2.53507	16.5564	20.5824	1.10504	1
cg08129292	SCARNA9L;EIF1AX	0.0074838	0.472092	1.13096	1.13096	0.769994	1.05057	1.05057	0.00044	0.392933	-2.54496	0.814592	1.04032	1.04032	0.688957	1.07004	1.07004	0.656004	0.927341	-1.07835	0.269274	1.21358	1.21358	0.0182321	1.61966	1.61966	0.0180015	1.62186	1.62186	6.47839	2.90474	0.398554	1
cg08944484	SCCPDH	0.0028722	0.567744	1.23456	1.23456	0.43324	1.3388	1.3388	0.204309	0.613397	-1.63027	0.466968	1.31005	1.31005	0.000889696	0.162647	-6.14829	0.937447	0.971769	-1.02905	0.000179114	0.0987599	-10.1256	0.742481	0.886657	-1.12783	0.0189822	0.354755	-2.81884	8.66937	18.2775	1.87403	1
cg13187885	SCCPDH	0.012693	0.211012	1.20886	1.20886	0.0319006	0.696347	-1.43607	0.0592908	0.736051	-1.3586	0.660794	0.938421	-1.06562	0.24297	0.838736	-1.19227	0.0941618	0.767307	-1.30326	0.00136352	1.95223	1.95223	0.413843	1.12776	1.12776	0.218471	1.20478	1.20478	5.47265	1.79554	0.291639	1
cg23081121	SCCPDH	0.0135929	0.777978	0.94263	-1.06086	0.694712	0.920866	-1.08593	0.184108	0.744913	-1.34244	0.529143	1.14254	1.14254	0.0212749	0.560676	-1.78356	0.00218634	0.407315	-2.45511	0.0335524	0.595132	-1.6803	0.876232	0.967949	-1.03311	0.00195479	0.400405	-2.49747	5.35147	3.70255	0.615	1
cg24633745	SCCPDH	0.0252919	0.957493	0.98665	-1.01353	0.126248	0.658941	-1.51759	0.162279	1.45674	1.45674	0.982714	0.994552	-1.00548	0.00772111	0.421923	-2.3701	0.0396977	0.548979	-1.82156	0.342416	1.27972	1.27972	0.0124537	2.19045	2.19045	0.666955	1.11534	1.11534	4.33967	4.36975	0.895051	1
cg16558465	SCCPDH	0.0285138	0.310769	1.42456	1.42456	0.112471	0.558203	-1.79146	0.0190174	0.383662	-2.60646	0.779162	0.909507	-1.0995	0.0169682	0.374409	-2.67087	0.0217482	0.394791	-2.53298	0.0431861	2.19205	2.19205	0.74586	0.896078	-1.11597	0.151976	0.595804	-1.6784	4.16102	7.50272	1.60275	1
cg20729991	SCD	0.000222206	0.0479574	0.730576	-1.36878	0.357125	1.14053	1.14053	0.0290763	0.699665	-1.42926	2.65E-05	0.315518	-3.16939	0.00715273	0.617404	-1.61968	4.46E-05	0.34186	-2.92517	0.000491788	0.468663	-2.13373	0.945305	0.990519	-1.00957	0.0130509	0.652088	-1.53354	17.8535	5.45101	0.271394	1
cg23327734	SCD	0.000625577	0.014164	0.809304	-1.23563	0.0168745	1.22601	1.22601	0.00225784	1.34816	1.34816	0.00265265	0.747801	-1.33725	0.00682632	1.27756	1.27756	0.561861	1.04185	1.04185	0.000228702	1.53408	1.53408	0.727777	1.02473	1.02473	0.109267	0.885092	-1.12983	13.4265	1.03897	0.0687836	1
cg01270221	SCD	0.00141941	0.0500729	1.23389	1.23389	4.73E-05	0.486076	-2.05729	0.365845	1.09133	1.09133	0.673255	1.04071	1.04071	0.021155	1.29792	1.29792	0.370729	0.917166	-1.09031	0.0421506	1.24637	1.24637	0.359895	1.09259	1.09259	0.2759	0.898863	-1.11252	10.6473	1.49232	0.124586	1
cg07161848	SCD	0.00414168	0.000743027	0.209743	-4.76774	0.432022	0.783037	-1.27708	0.237974	0.685912	-1.45791	0.395682	1.30382	1.30382	0.000632442	0.20158	-4.9608	0.0429849	0.491491	-2.03462	0.0145074	0.399111	-2.50557	0.232482	1.46504	1.46504	0.102783	0.58018	-1.7236	7.77046	11.4478	1.30956	1
cg03440556	SCD	0.00776144	0.0166272	0.21273	-4.7008	0.842791	0.900246	-1.11081	0.297581	1.77089	1.77089	0.0490075	3.28528	3.28528	0.0166362	4.69993	4.69993	0.151382	0.443269	-2.25596	0.00122297	0.0817858	-12.2271	0.43808	0.657965	-1.51984	0.459232	1.49007	1.49007	6.40481	28.4112	3.94303	1
cg09797202	SCD	0.0419915	0.742409	1.18723	1.18723	0.206095	0.499559	-2.00177	0.00988247	0.18335	-5.45404	0.0173925	4.51287	4.51287	0.885188	0.927572	-1.07808	0.934078	1.04399	1.04399	0.971257	0.981425	-1.01893	0.04515	3.30697	3.30697	0.234159	1.91362	1.91362	3.6176	15.5147	3.81215	1
cg18485039	SCD	0.0461512	0.285411	1.59421	1.59421	0.718802	0.859001	-1.16414	0.217199	1.72589	1.72589	0.272675	1.61592	1.61592	0.579058	0.790135	-1.26561	0.0234189	0.320381	-3.12129	0.00676291	0.228631	-4.37386	0.0784312	0.439675	-2.27441	0.859299	1.07744	1.07744	3.49228	9.77257	2.48741	1
cg18948646	SCD5;MIR575;SCD5	0.0245341	0.00157588	0.237692	-4.20713	0.500636	1.2416	1.2416	0.534163	0.819304	-1.22055	0.400892	1.31283	1.31283	0.0664039	0.521165	-1.91878	0.186916	1.55711	1.55711	0.585847	1.19025	1.19025	0.2071	1.52372	1.52372	0.0737035	0.532001	-1.8797	4.3858	6.9603	1.41067	1
cg04881673	SCD5;SCD5	0.00241688	0.218512	0.705369	-1.4177	0.00151286	0.291624	-3.42907	0.661932	0.888116	-1.12598	0.222094	0.70747	-1.41349	0.00130058	0.282771	-3.53643	0.324762	0.760155	-1.31552	0.000563662	0.236564	-4.22719	0.0300446	1.9901	1.9901	0.0346405	0.514658	-1.94304	9.12231	10.5073	1.02385	1
cg19149915	SCD5;SCD5	0.00356743	0.00453814	4.65987	4.65987	0.0820632	2.19059	2.19059	0.568322	0.790799	-1.26454	0.0187973	3.18564	3.18564	0.12455	0.508205	-1.96771	0.920698	0.960279	-1.04136	0.130889	1.94241	1.94241	0.000186899	13.023	13.023	0.0464899	2.52979	2.52979	8.12724	21.3252	2.33237	1
cg20947775	SCD5;SCD5	0.00418783	0.127125	0.878585	-1.13819	0.0691793	1.17295	1.17295	0.0506187	1.19096	1.19096	0.890853	0.989286	-1.01083	0.0144069	0.789284	-1.26697	0.795161	0.979795	-1.02062	0.000813427	0.672933	-1.48603	0.0172679	1.25553	1.25553	0.0707966	1.17162	1.17162	7.74449	0.755008	0.0866574	1
cg19746194	SCD5;SCD5	0.0297852	0.122117	1.48795	1.48795	0.0712013	1.6128	1.6128	0.694723	0.910695	-1.09806	0.441646	1.20452	1.20452	0.353542	0.797401	-1.25407	0.113017	1.50546	1.50546	0.0151261	0.492658	-2.0298	0.805877	0.943275	-1.06014	0.00941113	0.458061	-2.18312	4.09727	3.65033	0.791927	1
cg20740157	SCD5;SCD5	0.0369788	0.0143585	0.210984	-4.73969	0.295519	0.571639	-1.74935	0.940238	1.03941	1.03941	0.777357	0.864031	-1.15737	0.00637718	0.160398	-6.2345	0.0970796	0.391097	-2.55691	0.0319871	0.273785	-3.6525	0.0110487	0.193378	-5.17122	0.385086	0.631866	-1.58261	3.79065	15.9557	3.74154	1
cg13080195	SCD5;SCD5;SCD5;SCD5	0.0411679	0.557039	1.37287	1.37287	0.0306595	0.222308	-4.49826	0.0832753	0.336872	-2.96848	?	?	?	?	?	?	0.078684	0.329325	-3.03652	0.226377	0.499108	-2.00357	0.0240884	5.00685	5.00685	0.196563	2.11814	2.11814	5.37705	17.0519	2.26517	1
cg11215283	SCEL;SCEL;SCEL	0.00140645	0.307399	1.12381	1.12381	1.56E-05	2.6823	2.6823	0.231707	1.14864	1.14864	0.323822	0.893531	-1.11916	0.323045	1.11937	1.11937	0.411065	1.09731	1.09731	0.274524	1.13383	1.13383	0.736306	0.96335	-1.03804	0.0171894	1.37816	1.37816	10.6754	2.06355	0.171821	1
cg13446874	SCEL;SCEL;SCEL	0.0108899	0.637617	1.05391	1.05391	0.314208	0.891206	-1.12208	0.0172917	0.725513	-1.37833	0.881284	0.983599	-1.01667	0.0437538	1.29241	1.29241	0.401215	1.09975	1.09975	0.000575538	1.80334	1.80334	0.833475	0.976971	-1.02357	0.536723	0.933115	-1.07168	5.75112	1.11546	0.172404	1
cg07502358	SCEL;SCEL;SCEL	0.0131506	0.03887	0.639049	-1.56482	0.0580973	1.49337	1.49337	0.193985	1.29345	1.29345	0.314911	0.823181	-1.2148	0.00154719	0.426378	-2.34534	0.397544	1.17609	1.17609	0.0602961	0.672528	-1.48693	0.16803	1.31665	1.31665	0.255854	0.800844	-1.24868	5.40975	3.00374	0.493551	1
cg21063899	SCEL;SCEL;SCEL	0.0189462	0.700948	0.916489	-1.09112	0.0065933	0.450593	-2.2193	0.0118162	0.491431	-2.03487	0.823182	1.05188	1.05188	0.773623	1.06735	1.06735	0.00919067	0.47358	-2.11158	0.203416	1.35444	1.35444	0.0878752	0.65332	-1.53064	0.0257646	0.549683	-1.81923	4.79165	3.87569	0.718971	1
cg19734822	SCEL;SCEL;SCEL	0.0200824	0.560306	1.12121	1.12121	0.0489585	0.64613	-1.54768	0.0104848	0.534826	-1.86977	0.683069	1.08302	1.08302	0.0669473	1.49029	1.49029	0.015006	0.55941	-1.7876	0.174978	1.32347	1.32347	0.0681131	0.672413	-1.48718	0.0747968	0.680082	-1.47041	4.69799	2.80826	0.53134	1
cg11071193	SCFD1;SCFD1	0.00106782	0.934182	0.979366	-1.02107	0.529315	1.17453	1.17453	0.0578924	0.582041	-1.71809	0.529759	1.17432	1.17432	0.000287427	0.22447	-4.45495	0.0739298	1.65332	1.65332	8.76E-05	0.16947	-5.90074	0.330714	0.776195	-1.28834	0.346187	1.27747	1.27747	11.5494	11.6554	0.897049	1
cg20279895	SCFD1;SCFD1	0.0293838	0.356651	0.78192	-1.2789	0.164966	1.46868	1.46868	0.00192834	3.12333	3.12333	0.0429068	1.83054	1.83054	0.620162	1.13842	1.13842	0.202585	0.705346	-1.41774	0.527689	0.847018	-1.18061	0.684363	0.899378	-1.11188	0.0762469	1.66835	1.66835	4.11702	4.39029	0.947888	1
cg24478145	SCFD1;SCFD1	0.0492022	0.269301	0.647316	-1.54484	0.549223	1.25748	1.25748	0.481481	0.763001	-1.31061	0.547725	0.794544	-1.25858	0.0134877	0.314673	-3.17791	0.968814	0.985329	-1.01489	0.00631212	0.260626	-3.83691	0.414925	0.729754	-1.37032	0.0814839	2.07512	2.07512	3.40889	7.71639	2.01209	1
cg20601329	SCFD2	2.22E-05	0.00108318	0.756122	-1.32254	0.702335	0.977994	-1.0225	0.000724444	1.34707	1.34707	1.23E-06	0.484426	-2.0643	3.13E-05	0.624641	-1.60092	0.0176591	0.845987	-1.18205	0.211911	0.92663	-1.07918	0.00241698	0.782855	-1.27738	0.307643	0.94064	-1.06311	32.9421	1.75197	0.0472742	1
cg05172394	SCFD2	0.000276225	0.0220323	1.78163	1.78163	9.67E-05	0.232662	-4.29808	0.164459	0.732037	-1.36605	0.923694	0.980055	-1.02035	0.836288	1.04447	1.04447	0.734406	0.930892	-1.07424	0.000157961	0.256932	-3.89209	0.0393826	1.65069	1.65069	0.000240612	0.278636	-3.58891	16.8257	11.7847	0.622577	1
cg04473654	SCFD2	0.0010482	0.00183547	0.247023	-4.0482	0.000459555	0.175074	-5.71188	0.000835021	0.204207	-4.89698	0.0119693	0.371339	-2.69295	0.0846642	0.547421	-1.82675	0.630676	1.16539	1.16539	0.000372402	0.165477	-6.04315	0.644646	1.15805	1.15805	0.0113119	0.367072	-2.72426	11.6104	18.3568	1.4054	1
cg23814002	SCFD2	0.00108404	0.0020306	0.312269	-3.20236	0.0632261	0.57187	-1.74865	0.0196259	0.470423	-2.12574	0.208637	1.42553	1.42553	3.74E-05	0.120115	-8.32533	0.416869	1.2485	1.2485	0.144388	0.65744	-1.52105	0.182773	1.45961	1.45961	0.223165	0.710083	-1.40829	11.5	13.0315	1.00727	1
cg24129103	SCFD2	0.00234423	0.638884	1.09341	1.09341	0.72838	1.06809	1.06809	0.324036	0.824949	-1.2122	0.57499	1.11298	1.11298	2.58E-05	0.207025	-4.83034	0.731783	1.06716	1.06716	0.0571852	0.665958	-1.5016	0.7245	0.935327	-1.06914	0.633302	0.913191	-1.09506	9.20443	5.20381	0.502542	1
cg19303728	SCFD2	0.00370598	0.0663054	0.693339	-1.4423	0.0142014	1.71247	1.71247	0.925353	0.983474	-1.0168	0.365804	0.847707	-1.17965	0.00180985	0.454403	-2.20069	0.000720917	0.400555	-2.49653	0.0451093	0.664451	-1.505	0.43742	1.15126	1.15126	0.0570833	0.681951	-1.46638	8.03491	4.0236	0.445124	1
cg21909533	SCFD2	0.00570869	0.0139306	0.572045	-1.74811	0.557099	0.89656	-1.11537	0.16069	0.759174	-1.31722	0.687604	0.928368	-1.07716	0.000303212	0.339716	-2.94364	0.149057	0.752379	-1.32912	0.035281	1.56958	1.56958	0.236659	0.796134	-1.25607	0.0133665	0.569259	-1.75667	7.04643	3.77316	0.475975	1
cg15064466	SCFD2	0.00590934	0.725416	1.04959	1.04959	0.0609436	1.33631	1.33631	0.291508	1.16211	1.16211	0.0568781	1.3442	1.3442	0.0947023	1.28673	1.28673	0.0686836	1.32273	1.32273	0.000153987	2.43583	2.43583	0.0452389	1.37069	1.37069	0.00372004	1.71238	1.71238	6.97184	2.08037	0.265242	1
cg25965776	SCFD2	0.00674432	0.00747306	0.181549	-5.50817	0.00235621	0.122206	-8.18294	0.075643	0.375427	-2.66363	0.078688	0.380042	-2.63129	0.00448628	0.153033	-6.53453	0.10032	0.409869	-2.4398	0.00261175	0.126779	-7.88776	0.00332267	0.137988	-7.24699	0.0725079	0.370546	-2.69872	6.69222	26.0142	3.45531	1
cg00277233	SCFD2	0.0166877	0.0772655	0.128896	-7.75817	0.0194911	0.0525951	-19.0132	0.0159034	0.045964	-21.7562	0.0631729	0.113079	-8.84338	0.0495762	0.0966427	-10.3474	0.0594721	0.108737	-9.19651	0.00144285	0.00820304	-121.906	0.0119825	0.0380255	-26.2982	0.0490534	0.0959816	-10.4187	5.00037	86.1555	15.3154	1
cg00112056	SCFD2	0.0200931	0.0339394	0.526112	-1.90074	0.0262613	1.98137	1.98137	0.00989056	2.3291	2.3291	0.695935	1.10725	1.10725	0.330205	0.770557	-1.29776	0.0827102	0.607454	-1.64621	0.436239	1.2288	1.2288	0.0693007	1.69407	1.69407	0.0653394	1.71026	1.71026	4.69715	5.0058	0.947299	1
cg08225341	SCFD2	0.0207724	0.907243	0.985787	-1.01442	0.0139209	1.45225	1.45225	0.400195	1.11156	1.11156	0.192647	0.844221	-1.18452	0.979659	0.996874	-1.00314	0.885983	0.982534	-1.01778	0.00688472	0.650717	-1.53677	0.0973563	0.799773	-1.25035	0.011329	0.677439	-1.47615	4.64427	1.10944	0.21234	1
cg08441269	SCFD2	0.0278748	0.819013	0.967892	-1.03317	0.611973	1.07556	1.07556	0.0073792	1.63491	1.63491	0.12473	1.267	1.267	0.00315117	1.77636	1.77636	0.200944	0.825039	-1.21206	0.040362	1.401	1.401	0.570861	1.08498	1.08498	0.628269	1.07194	1.07194	4.1944	1.34686	0.28543	1
cg04414539	SCFD2	0.0295002	0.699521	1.07601	1.07601	0.0922966	1.41903	1.41903	0.182118	0.765297	-1.30668	0.295563	0.814744	-1.22738	0.726654	1.06854	1.06854	0.497867	0.878109	-1.13881	0.000897211	2.55737	2.55737	0.715667	0.933235	-1.07154	0.927766	1.01727	1.01727	4.11126	2.32306	0.502265	1
cg16002640	SCFD2	0.0350118	0.130177	0.840663	-1.18954	0.678918	0.956766	-1.04519	0.0737915	1.23566	1.23566	0.00202327	1.5877	1.5877	0.536482	0.935699	-1.06872	0.510672	1.07341	1.07341	0.0834057	1.22566	1.22566	0.175626	1.16522	1.16522	0.245731	1.13758	1.13758	3.86666	0.690396	0.158712	1
cg25061071	SCFD2	0.0404286	0.144179	0.837922	-1.19343	0.727231	1.04026	1.04026	0.00338503	1.56694	1.56694	0.773952	1.03299	1.03299	0.856216	1.02065	1.02065	0.0156398	0.716036	-1.39658	0.867388	1.01901	1.01901	0.531625	1.07403	1.07403	0.608581	1.05994	1.05994	3.6687	0.73815	0.178846	1
cg27263068	SCFD2	0.0453717	0.141309	0.498775	-2.00491	0.0246713	3.24259	3.24259	0.974446	0.986013	-1.01419	0.656575	1.21749	1.21749	0.00479716	0.192839	-5.18567	0.165361	0.521693	-1.91684	0.901078	0.946785	-1.05621	0.713661	0.850388	-1.17593	0.151051	0.50833	-1.96723	3.51468	10.7637	2.72223	1
cg06110692	SCFD2	0.0470651	0.1617	0.649702	-1.53917	0.0719072	1.78567	1.78567	0.116541	0.611321	-1.6358	0.137695	0.630452	-1.58616	0.0147	0.420355	-2.37894	0.111972	0.606853	-1.64785	0.497042	0.819561	-1.22017	0.102266	1.67538	1.67538	0.41493	1.27187	1.27187	3.46661	4.57235	1.17242	1
cg21616047	SCG2	0.0161564	0.864404	1.04915	1.04915	0.0231517	2.14303	2.14303	0.00782558	2.60716	2.60716	0.0990653	1.66136	1.66136	0.515303	0.830935	-1.20346	0.46325	1.23319	1.23319	0.0156586	0.435291	-2.29731	0.0556245	0.543965	-1.83835	0.11528	1.61719	1.61719	5.0546	6.30906	1.10949	1
cg05986623	SCG2	0.0491439	0.0658619	1.81597	1.81597	0.00682241	2.7543	2.7543	0.00831615	2.65156	2.65156	0.721115	0.901567	-1.10918	0.523348	1.2056	1.2056	0.15337	1.55575	1.55575	0.0703235	1.79466	1.79466	0.156219	1.55037	1.55037	0.946399	0.980751	-1.01963	3.41042	4.51392	1.1765	1
cg24428758	SCG2;SCG2	0.0018401	0.0950163	0.800024	-1.24996	0.0315056	1.35899	1.35899	0.000156934	0.45537	-2.19602	0.0617367	0.774228	-1.29161	0.0013525	0.567788	-1.76122	0.0448975	0.755823	-1.32306	0.0157787	0.697867	-1.43294	0.310064	0.880078	-1.13626	0.461338	1.09549	1.09549	9.87842	2.31401	0.208222	1
cg26929536	SCG3;SCG3	0.0153911	0.931409	1.01876	1.01876	0.0558826	1.59639	1.59639	0.00218821	2.52908	2.52908	0.38961	1.20972	1.20972	0.687992	1.09109	1.09109	0.176788	0.733405	-1.3635	0.0836664	0.661382	-1.51198	0.0342346	0.586552	-1.70488	0.0712871	1.54501	1.54501	5.13674	3.79388	0.656514	1
cg11944076	SCG3;SCG3	0.0476872	0.00828153	0.590842	-1.6925	0.12589	1.29451	1.29451	0.958825	1.00808	1.00808	0.670761	0.935522	-1.06892	0.0212285	0.649397	-1.53989	0.323067	1.17245	1.17245	0.211656	1.22764	1.22764	0.242292	1.21015	1.21015	0.829355	1.03422	1.03422	3.44948	1.32728	0.342023	1
cg22886089	SCG3;SCG3;SCG3;SCG3	0.00107279	0.00757905	0.726159	-1.37711	0.98448	0.99819	-1.00181	0.128768	0.858181	-1.16526	0.00141202	0.650151	-1.5381	0.283684	0.901435	-1.10934	0.0682438	0.826783	-1.20951	0.00234935	0.673351	-1.48511	0.284979	1.10901	1.10901	0.000347606	1.70908	1.70908	11.5341	1.58553	0.12219	1
cg11831981	SCG3;SCG3;SCG3;SCG3	0.0243817	0.0337936	3.166	3.166	0.00474434	0.12702	-7.87277	?	?	?	?	?	?	0.0751423	0.419594	-2.38326	0.0888118	2.25501	2.25501	0.976994	1.01121	1.01121	0.214755	0.585572	-1.70773	0.753604	0.885009	-1.12993	9.20221	14.7488	0.915852	1
cg15787039	SCG5;SCG5	0.000145804	0.181926	1.2501	1.2501	0.00241499	1.94579	1.94579	2.83E-05	3.65838	3.65838	0.0104088	1.66239	1.66239	0.647021	1.07534	1.07534	0.403197	1.14428	1.14428	8.09E-06	4.64978	4.64978	0.395108	0.871781	-1.14708	0.0224614	1.53843	1.53843	20.0093	7.86592	0.349434	1
cg11116086	SCG5;SCG5	0.000761332	0.362981	1.44702	1.44702	0.0233528	2.91804	2.91804	0.936533	1.03198	1.03198	0.0205252	3.01333	3.01333	0.0096919	0.274337	-3.64515	0.00542302	4.24709	4.24709	6.26E-05	18.4322	18.4322	0.00102301	6.84911	6.84911	0.185029	1.74289	1.74289	12.7079	31.4369	2.19894	1
cg11397301	SCG5;SCG5	0.00166405	0.0461786	0.664313	-1.50531	0.535838	1.11879	1.11879	0.000369955	2.77426	2.77426	0.000735834	2.50491	2.50491	0.0461786	0.664313	-1.50531	0.428929	1.15555	1.15555	0.00484533	1.9521	1.9521	0.138983	1.32994	1.32994	0.973813	0.99414	-1.00589	10.1705	5.16332	0.45127	1
cg12134633	SCG5;SCG5	0.0022665	0.13177	2.00915	2.00915	0.0455304	2.67378	2.67378	0.00151088	7.10033	7.10033	0.0775231	2.31988	2.31988	0.415289	0.699698	-1.42919	0.07774	2.31815	2.31815	6.45E-05	23.3071	23.3071	0.857737	0.925933	-1.07999	0.127227	2.02862	2.02862	9.29589	27.0796	2.5894	1
cg13492803	SCG5;SCG5	0.00360828	0.737228	0.929441	-1.07591	0.0735716	1.54258	1.54258	0.000148043	4.12635	4.12635	0.041287	1.66778	1.66778	0.682832	0.914601	-1.09337	0.16392	1.38094	1.38094	0.00173424	2.63989	2.63989	0.435275	0.841167	-1.18883	0.193117	1.34886	1.34886	8.09955	6.05661	0.664685	1
cg18358621	SCG5;SCG5	0.00416374	0.0150998	0.631567	-1.58336	0.502312	0.900517	-1.11047	0.00151719	2.01965	2.01965	0.028098	1.4906	1.4906	0.0275246	0.669539	-1.49356	0.754081	1.04955	1.04955	0.11155	1.3057	1.3057	0.00456451	1.78836	1.78836	0.71246	0.944621	-1.05863	7.758	2.91031	0.333454	1
cg03846881	SCG5;SCG5	0.00422754	0.280033	0.826994	-1.2092	0.831007	1.03681	1.03681	0.00309234	1.98344	1.98344	0.0053781	1.85886	1.85886	0.00663539	0.551013	-1.81484	0.322103	1.1889	1.1889	0.11782	1.33282	1.33282	0.0576591	0.695513	-1.43779	0.0135538	1.67668	1.67668	7.72243	3.49972	0.402834	1
cg27302576	SCG5;SCG5	0.00543557	0.00105971	0.112021	-8.92694	0.0800823	0.415583	-2.40626	0.198882	0.541247	-1.84759	0.716221	1.17949	1.17949	0.000886913	0.105189	-9.50674	0.897869	0.943587	-1.05979	0.00201442	0.139431	-7.17203	0.370555	0.659825	-1.51555	0.298775	0.614473	-1.62741	7.15338	23.165	2.87852	1
cg15744134	SCG5;SCG5	0.0128773	0.847481	1.08912	1.08912	0.0430673	2.80687	2.80687	0.00306307	6.03755	6.03755	0.158804	1.94992	1.94992	0.78086	0.883687	-1.13162	0.613697	1.25319	1.25319	0.000684109	9.9743	9.9743	0.948896	0.971981	-1.02883	0.133734	2.04848	2.04848	5.44698	16.9589	2.76752	1
cg07017597	SCG5;SCG5	0.0222193	0.250558	1.46506	1.46506	0.234869	1.48594	1.48594	0.204665	0.653301	-1.53069	0.667632	1.14729	1.14729	0.00156325	0.235593	-4.24461	0.789878	1.08866	1.08866	0.4052	1.31113	1.31113	0.0295115	2.25976	2.25976	0.207531	1.52615	1.52615	4.53846	7.27245	1.42436	1
cg11848157	SCG5;SCG5	0.0277368	0.00392703	0.273912	-3.65081	0.841544	0.935393	-1.06907	0.163328	0.608701	-1.64284	0.23406	1.51625	1.51625	0.00746509	0.316829	-3.15628	0.281898	0.688575	-1.45228	0.0210468	0.396145	-2.52433	0.213902	0.64619	-1.54753	0.169706	0.613821	-1.62914	4.20173	7.40883	1.56736	1
cg08478116	SCG5;SCG5;SCG5;SCG5	0.00554912	0.213213	1.43119	1.43119	0.013392	2.31101	2.31101	0.0138769	2.29661	2.29661	0.0281097	2.03254	2.03254	0.829844	1.06063	1.06063	0.100848	1.63471	1.63471	0.000167524	5.76801	5.76801	0.387526	0.784874	-1.27409	0.355748	1.29667	1.29667	7.10812	8.42046	1.053	1
cg26697474	SCGB1A1	0.00524278	0.0339244	0.620665	-1.61118	0.0872637	1.43862	1.43862	0.0296235	0.610639	-1.63763	0.42285	1.17081	1.17081	0.000227951	0.307326	-3.25387	0.0429549	0.638461	-1.56627	0.598287	0.902656	-1.10784	0.0354028	0.623848	-1.60295	0.330299	0.824065	-1.2135	7.23299	4.25047	0.522355	1
cg09494188	SCGB1A1;SCGB1A1	0.0405178	0.188568	0.83711	-1.19459	0.304141	0.872992	-1.14549	0.185844	0.836078	-1.19606	0.109954	0.800619	-1.24903	0.446884	0.905791	-1.10401	0.371765	1.12417	1.12417	0.00220955	1.72889	1.72889	0.879388	1.01957	1.01957	0.86138	0.97794	-1.02256	3.66572	0.945711	0.229323	1
cg27475088	SCGB1C1	0.0243114	0.0113653	0.457134	-2.18754	0.225189	0.730036	-1.3698	0.034496	0.543848	-1.83875	0.119161	0.658523	-1.51855	0.00278502	0.361161	-2.76885	0.107031	0.64752	-1.54435	0.070322	0.606698	-1.64827	0.0116094	0.458692	-2.18011	0.0380973	0.552212	-1.8109	4.3997	4.2519	0.859028	1
cg02378673	SCGB1C1;LOC653486	0.00982386	0.349643	0.830162	-1.20458	0.404483	1.17929	1.17929	0.0118746	0.544895	-1.83522	0.0221984	0.588583	-1.699	0.000633003	0.362373	-2.75959	0.0219207	0.587681	-1.7016	0.708314	1.07536	1.07536	0.167786	0.752593	-1.32874	0.0384264	0.628934	-1.58999	5.94429	3.5189	0.526205	1
cg03960562	SCGB1C1;LOC653486	0.0338985	0.0630173	0.667398	-1.49836	0.0875102	1.44012	1.44012	0.227016	0.782516	-1.27793	0.412265	0.850361	-1.17597	0.00809842	0.519116	-1.92635	0.270638	0.801098	-1.24829	0.0277289	1.65386	1.65386	0.209929	0.774539	-1.29109	0.8563	0.965558	-1.03567	3.91205	2.31645	0.526338	1
cg20297976	SCGB1C1;LOC653486	0.0364206	0.0859922	0.354716	-2.81916	0.441941	1.53467	1.53467	0.236466	0.507812	-1.96923	0.0289045	0.24482	-4.08464	0.00274701	0.104601	-9.56014	0.0855826	0.354136	-2.82377	0.0229757	0.226313	-4.41866	0.309578	0.56303	-1.77611	0.211106	0.486873	-2.05392	3.81171	18.0155	4.2012	1
cg25481454	SCGB1D1	1.74E-06	0.751772	0.95192	-1.05051	0.223465	0.819868	-1.21971	1.37E-05	0.243759	-4.10241	0.0701726	0.730271	-1.36935	8.17E-05	0.331926	-3.01272	0.000777184	0.454022	-2.20254	3.00E-08	0.0437428	-22.8609	3.67E-05	0.291341	-3.4324	7.52E-05	0.327639	-3.05214	63.6646	24.3123	0.339451	1
cg04011620	SCGB1D1	1.92E-06	0.236296	0.888412	-1.1256	0.00468054	0.698739	-1.43115	2.82E-08	0.144231	-6.93334	0.0186393	0.761916	-1.31248	0.0273296	0.779617	-1.28268	4.98E-05	0.483849	-2.06676	0.000742951	1.62949	1.62949	0.00745727	0.72	-1.38889	0.167782	1.15047	1.15047	62.0703	8.93665	0.127979	1
cg14980165	SCGB1D1	5.81E-06	0.150581	0.734664	-1.36117	0.00012151	0.26103	-3.83098	1.44E-05	0.164243	-6.08853	0.36957	0.83159	-1.20252	0.000140405	0.268347	-3.72652	0.942128	1.01464	1.01464	2.20E-07	0.0438076	-22.8271	1.47E-05	0.164968	-6.06179	0.010229	0.523149	-1.9115	46.6869	29.6143	0.563837	1
cg26907473	SCGB1D1	0.00311485	0.121463	0.755576	-1.32349	0.018269	1.61317	1.61317	0.000117868	0.324575	-3.08095	0.208628	0.801501	-1.24766	0.549748	1.10631	1.10631	0.036764	0.666981	-1.49929	0.406122	1.15243	1.15243	0.875265	1.02657	1.02657	0.241344	1.2272	1.2272	8.46312	3.73512	0.392303	1
cg07532354	SCGB1D1;SCGB1D1	0.0117852	0.137907	0.524927	-1.90503	0.00248722	0.183424	-5.45185	0.482885	0.749992	-1.33335	0.380759	0.695799	-1.4372	0.00267928	0.187418	-5.33566	0.970969	1.01479	1.01479	0.00308049	0.19508	-5.12611	0.0256686	0.343283	-2.91305	0.293735	0.644442	-1.55173	5.60623	14.4505	2.29118	1
cg19015654	SCGB1D2	0.000589365	0.432693	1.31456	1.31456	0.000187049	0.116043	-8.61749	0.0159391	0.364883	-2.7406	0.680515	0.868116	-1.15192	0.00155498	0.211434	-4.72962	0.187417	0.620485	-1.61164	3.92E-05	0.0679608	-14.7144	0.0619364	0.487707	-2.05041	0.0199104	0.382919	-2.61152	13.6518	25.2285	1.64267	1
cg10848367	SCGB1D2	0.0088187	0.0688516	0.407297	-2.45521	0.761819	0.874505	-1.1435	0.0404697	0.352086	-2.84022	0.020045	0.290029	-3.44793	0.00900506	0.231101	-4.3271	0.0358029	0.34045	-2.93729	0.00048791	0.0897467	-11.1425	0.00956398	0.235163	-4.25237	0.206557	0.555618	-1.7998	6.15195	18.9598	2.73949	1
cg05658811	SCGB1D4	7.88E-05	0.0014374	0.347946	-2.87401	6.31E-05	0.184979	-5.40603	0.000180794	0.234164	-4.27051	0.145502	1.43058	1.43058	0.0726925	0.632078	-1.58208	0.226885	1.33732	1.33732	7.68E-06	0.105353	-9.49187	0.0722651	0.631546	-1.58342	0.454538	1.19068	1.19068	23.5916	19.6118	0.738937	1
cg18241351	SCGB1D4	0.00188557	0.791465	0.959517	-1.04219	0.0744095	1.3634	1.3634	0.000176535	0.370987	-2.69552	0.0819142	0.740363	-1.35069	0.937936	0.98793	-1.01222	0.481671	1.11798	1.11798	0.000912991	2.16645	2.16645	0.416813	0.878617	-1.13815	0.402535	1.14293	1.14293	9.80862	3.77782	0.342358	1
cg26422784	SCGB1D4	0.0022399	0.29836	0.759467	-1.31671	0.845217	1.05115	1.05115	0.134189	0.662159	-1.51021	0.587332	0.869479	-1.15011	0.000132996	0.184357	-5.42426	0.0114086	0.445665	-2.24384	0.00031747	0.22573	-4.43007	0.589536	0.87021	-1.14915	0.107852	0.639017	-1.5649	9.32808	9.62437	0.917123	1
cg21114004	SCGB1D4	0.00420541	0.0214505	0.530954	-1.8834	0.0692809	0.62774	-1.59302	0.00124335	0.339262	-2.94758	0.0160499	0.509054	-1.96443	0.022521	0.534699	-1.87021	0.00622156	0.441692	-2.26402	0.368043	0.809096	-1.23595	0.000571558	0.294617	-3.39424	0.00812463	0.460069	-2.17359	7.73469	6.43043	0.739	1
cg02037905	SCGB1D4	0.00835738	0.014855	0.320132	-3.12371	0.0079471	0.274266	-3.64609	0.00647866	0.260437	-3.8397	0.0388247	0.402794	-2.48266	0.0183583	0.336971	-2.96761	0.0607791	0.447756	-2.23336	0.00113405	0.161974	-6.17382	0.00914149	0.284059	-3.52039	0.0753585	0.471143	-2.1225	6.25737	14.3199	2.03422	1
cg16943635	SCGB1D4	0.0251613	0.018147	0.238169	-4.1987	0.269588	0.562725	-1.77707	0.0679786	0.359771	-2.77955	0.0683677	0.360411	-2.77461	0.00838116	0.185553	-5.38929	0.0425958	0.311128	-3.21411	0.00266642	0.12525	-7.98406	0.0773181	0.374514	-2.67013	0.0742473	0.369804	-2.70414	4.34749	17.2213	3.52107	1
cg15362155	SCGB1D4;SCGB1D4	0.0239265	0.454845	1.40101	1.40101	0.00103177	0.116068	-8.61563	0.519416	0.748796	-1.33548	0.0465286	0.364286	-2.7451	0.0237102	0.302392	-3.30696	0.57349	0.777285	-1.28653	0.455884	0.714344	-1.39989	0.0356535	0.338545	-2.95382	0.177524	0.530056	-1.88659	4.42409	13.7478	2.76221	1
cg05277881	SCGB2A1	3.21E-05	0.0854219	1.48159	1.48159	0.971197	1.00749	1.00749	0.609683	1.11233	1.11233	1.44E-05	0.154639	-6.46666	0.212302	1.31208	1.31208	0.214844	1.3099	1.3099	2.49E-06	0.0946249	-10.568	0.305063	0.802855	-1.24555	0.00027533	0.291855	-3.42635	29.9203	20.2555	0.601761	1
cg01919620	SCGB2A1	0.00134763	0.00451593	0.562077	-1.77911	0.916208	1.01615	1.01615	0.000145535	0.369539	-2.70607	0.980388	0.996265	-1.00375	0.379832	1.147	1.147	0.000526349	0.439391	-2.27588	0.00266179	0.531225	-1.88244	0.139913	0.785221	-1.27353	0.343089	0.861834	-1.16032	10.8071	3.96673	0.326265	1
cg08459368	SCGB2A1	0.00318885	0.395052	0.795744	-1.25668	0.0732149	0.592127	-1.68883	0.000271785	0.209008	-4.78452	0.820052	1.06159	1.06159	0.275102	0.742427	-1.34693	0.0227124	0.489032	-2.04486	0.00264552	0.335862	-2.97741	0.00115207	0.28568	-3.50042	0.028765	0.508405	-1.96694	8.40419	9.15751	0.968566	1
cg23206745	SCGB2A1	0.01112	0.00468546	0.144152	-6.93711	0.686325	1.23268	1.23268	0.107231	0.404168	-2.47422	0.0233796	0.247633	-4.03823	0.00191448	0.103907	-9.62398	0.0138088	0.208452	-4.79727	0.707429	1.21442	1.21442	0.0200516	0.235589	-4.24468	0.0990126	0.393807	-2.53931	5.71251	24.0196	3.73755	1
cg14265033	SCGB2A1	0.0239752	0.0745843	0.355347	-2.81415	0.0481507	0.308377	-3.24278	0.0259624	0.252375	-3.96236	0.365224	0.615932	-1.62356	0.00357799	0.128042	-7.80991	0.114172	0.408559	-2.44762	0.00909761	0.17794	-5.61987	0.0185608	0.226057	-4.42366	0.0307219	0.266598	-3.75097	4.42098	18.9985	3.81987	1
cg16986846	SCGB2A1;SCGB2A1	0.00938038	0.364786	1.27439	1.27439	0.564312	0.859219	-1.16385	0.0791696	0.602023	-1.66106	0.00955284	0.425479	-2.35029	0.00577549	0.389979	-2.56424	0.272964	0.742997	-1.3459	0.000486055	0.240814	-4.15258	0.531083	0.847728	-1.17962	0.303533	0.757702	-1.31978	6.03249	6.47677	0.954353	1
cg23137315	SCGB2A2	0.000221141	0.251277	0.798345	-1.25259	0.0191437	0.587029	-1.70349	4.28E-06	0.135998	-7.35306	0.0663976	0.679207	-1.4723	0.713921	0.933158	-1.07163	0.0193312	0.58771	-1.70152	0.000342803	0.338519	-2.95405	0.00122194	0.41107	-2.43267	0.0501823	0.657358	-1.52124	17.8768	9.99546	0.497003	1
cg12833018	SCGB2A2	0.0203816	0.073237	0.365421	-2.73657	0.0831751	0.380366	-2.62905	0.241052	0.538765	-1.8561	0.0801158	0.375896	-2.66031	0.00949877	0.190932	-5.23747	0.0211994	0.247534	-4.03984	0.0035225	0.136152	-7.34472	0.005774	0.161593	-6.18839	0.0672836	0.355817	-2.81043	4.67442	18.8008	3.57517	1
cg22862656	SCGB2A2;SCGB2A2	0.00717439	0.0133775	2.07177	2.07177	0.0138504	2.0608	2.0608	0.387074	1.23466	1.23466	0.0733625	1.60755	1.60755	0.0471074	1.71635	1.71635	0.00392738	2.51611	2.51611	0.000482192	3.67551	3.67551	0.0340878	1.8004	1.8004	0.0254729	1.88001	1.88001	6.56452	5.87716	0.795815	1
cg18652367	SCGB3A1	0.00453719	0.107327	0.727182	-1.37517	0.000102808	3.47606	3.47606	0.423847	0.862386	-1.15957	0.207426	0.785876	-1.27247	0.400987	0.855717	-1.16861	0.548666	0.895835	-1.11628	0.289393	0.819284	-1.22058	0.144961	0.75297	-1.32808	0.859113	1.03273	1.03273	7.55882	3.93299	0.462505	1
cg16585682	SCGB3A1	0.00919133	0.162179	0.692857	-1.4433	0.00119497	3.21391	3.21391	0.133826	1.48816	1.48816	0.30037	0.768084	-1.30194	0.121004	0.6614	-1.51194	0.525219	1.1715	1.1715	0.00759119	0.4299	-2.32612	0.135414	0.673225	-1.48539	0.468122	0.834015	-1.19902	6.07168	5.81295	0.851012	1
cg13004587	SCGB3A1	0.0171401	0.0229388	0.4641	-2.15471	0.00064621	4.37788	4.37788	0.392618	0.781077	-1.28028	0.294829	0.736001	-1.35869	0.373573	0.772828	-1.29395	0.783128	0.92511	-1.08095	0.989082	1.00387	1.00387	0.755847	0.915762	-1.09199	0.952058	1.01711	1.01711	4.95585	6.24756	1.12057	1
cg27610000	SCGB3A2	0.00410848	0.240878	1.32603	1.32603	0.227471	0.747372	-1.33802	0.00307058	0.39391	-2.53865	0.22533	0.746267	-1.34	0.114433	0.673939	-1.48381	0.299725	1.28019	1.28019	0.000132632	0.218013	-4.58688	0.371658	0.80992	-1.23469	0.56705	0.875484	-1.14222	7.78937	6.51669	0.743657	1
cg04257865	SCGB3A2	0.0156903	0.793015	1.0588	1.0588	0.034011	1.71204	1.71204	0.000684279	0.323963	-3.08677	0.639676	1.10789	1.10789	0.919146	0.978179	-1.02231	0.218618	1.32466	1.32466	0.101173	1.47702	1.47702	0.481521	1.16819	1.16819	0.528728	1.14875	1.14875	5.10403	3.81658	0.664674	1
cg05489904	SCGB3A2	0.0356984	0.346629	0.625416	-1.59894	0.0086472	0.197683	-5.05861	0.0335192	0.300368	-3.32925	0.0492993	0.337354	-2.96424	0.0600225	0.357929	-2.79385	0.0291454	0.287945	-3.47288	0.00535411	0.16926	-5.90807	0.452165	0.690095	-1.44908	0.172579	0.4951	-2.0198	3.83954	14.2611	3.30157	1
cg26985922	SCGB3A2	0.0474261	0.770328	1.07017	1.07017	0.0110051	0.477594	-2.09383	0.288365	0.77464	-1.29092	0.88442	1.03427	1.03427	0.057844	1.64352	1.64352	0.112463	1.49232	1.49232	0.0281205	1.82354	1.82354	0.462023	0.840746	-1.18942	0.623782	1.12135	1.12135	3.45663	2.93836	0.755612	1
cg04492174	SCGBL	2.19E-05	9.47E-06	0.380918	-2.62524	0.151268	0.856082	-1.16811	0.0231849	0.760131	-1.31556	0.14771	0.854748	-1.16994	0.0220762	0.757766	-1.31967	1.25E-06	0.283469	-3.52772	0.186384	1.15206	1.15206	0.524187	0.93686	-1.06739	3.99E-05	0.452292	-2.21096	33.0831	5.34998	0.143745	1
cg27100331	SCGBL	0.000252552	0.0282403	0.640512	-1.56125	0.357095	0.849698	-1.17689	0.000473964	0.389083	-2.57015	0.99812	1.00041	1.00041	0.000264649	0.356884	-2.80203	1.95E-05	0.225488	-4.43483	0.0207471	1.61411	1.61411	0.681676	0.931534	-1.0735	0.943514	0.987888	-1.01226	17.2422	8.07552	0.416318	1
cg12115438	SCGBL	0.011433	0.0020844	0.291616	-3.42916	0.0446429	1.9267	1.9267	0.160614	0.652896	-1.53164	0.0452996	1.92174	1.92174	0.040193	0.509481	-1.96278	0.0490446	0.527714	-1.89497	0.231366	1.42919	1.42919	0.372267	0.770605	-1.29768	0.456057	0.805781	-1.24103	5.66154	7.25571	1.13918	1
cg14810329	SCGBL	0.029821	0.00435054	0.287356	-3.48	0.96974	0.987661	-1.01249	0.0079029	0.327889	-3.04981	0.393251	0.751084	-1.33141	0.130619	0.586074	-1.70627	0.0739189	0.521032	-1.91927	0.00931541	0.339725	-2.94355	0.963627	1.01504	1.01504	0.349466	0.729618	-1.37058	4.09552	6.94852	1.5081	1
cg11123018	SCGN	1.37E-08	4.35E-07	0.200455	-4.98866	0.0615621	0.789399	-1.26679	2.03E-07	0.16984	-5.88788	2.23E-08	0.0954059	-10.4815	3.67E-07	0.193384	-5.17107	0.00806855	0.683141	-1.46383	6.76E-10	0.0258815	-38.6377	8.09E-08	0.136054	-7.35004	1.32E-06	0.248703	-4.02086	217.428	43.4276	0.177541	1
cg16954341	SCGN	1.47E-05	0.589552	0.956924	-1.04501	0.798726	0.979555	-1.02087	0.746732	1.02654	1.02654	0.000124736	1.71691	1.71691	0.167352	0.887817	-1.12636	0.116281	0.871116	-1.14795	0.000414482	1.57287	1.57287	2.89E-07	3.38681	3.38681	0.0120808	1.28787	1.28787	36.6741	3.79613	0.0920086	1
cg13586599	SCGN	5.02E-05	0.947854	0.992366	-1.00769	0.0513736	1.29682	1.29682	0.00824315	1.48576	1.48576	8.44E-05	2.28947	2.28947	0.712366	1.04434	1.04434	0.056014	1.28868	1.28868	0.0636065	1.27681	1.27681	6.87E-07	4.85945	4.85945	0.255401	1.14927	1.14927	26.5996	5.78384	0.193281	1
cg15562220	SCGN	0.000232059	0.890099	0.981389	-1.01896	0.0271148	1.42685	1.42685	0.044194	1.36905	1.36905	0.0159063	1.49366	1.49366	0.159899	0.815422	-1.22636	0.287769	0.860732	-1.1618	0.00243822	0.563725	-1.77391	9.60E-06	3.65249	3.65249	0.0073689	1.59879	1.59879	17.6441	5.15967	0.259938	1
cg10721149	SCGN	0.000717142	0.0762137	1.52474	1.52474	0.237316	1.30306	1.30306	0.0190238	1.83499	1.83499	0.0135438	1.92201	1.92201	0.786132	1.05988	1.05988	0.0392812	1.6652	1.6652	0.000152808	0.249475	-4.00841	0.00030236	3.51138	3.51138	0.217797	1.31945	1.31945	12.923	9.35746	0.643639	1
cg01230796	SCGN	0.00104649	0.0488071	0.655064	-1.52657	0.79442	0.95209	-1.05032	0.532331	1.12627	1.12627	2.90E-05	4.67676	4.67676	0.749805	0.941622	-1.062	0.380575	0.844429	-1.18423	0.0113661	0.551144	-1.81441	0.0595168	1.49161	1.49161	0.430561	0.859624	-1.1633	11.6158	6.50253	0.497602	1
cg21367769	SCGN	0.00227524	0.370518	0.842015	-1.18763	0.825139	1.04225	1.04225	0.0106829	0.54876	-1.82229	0.903702	1.02289	1.02289	3.46E-05	0.223639	-4.4715	0.78317	0.949724	-1.05294	0.0223889	0.599499	-1.66806	0.481259	0.874707	-1.14324	0.0592074	0.671448	-1.48932	9.2854	5.14239	0.49228	1
cg13834623	SCGN	0.0103612	0.397669	0.790564	-1.26492	0.248249	1.38756	1.38756	0.719795	1.10269	1.10269	0.754668	1.08879	1.08879	0.408085	0.794832	-1.25813	0.481011	1.21455	1.21455	0.185404	0.683118	-1.46388	0.000270952	5.05436	5.05436	0.0275776	2.02794	2.02794	5.84382	6.81563	1.03671	1
cg04200224	SCGN	0.0157659	0.828384	1.04738	1.04738	0.0134349	1.92057	1.92057	0.100727	1.46713	1.46713	0.06025	1.57122	1.57122	0.571843	0.885319	-1.12954	0.701254	0.9211	-1.08566	0.930539	0.981583	-1.01876	0.000717285	2.99789	2.99789	0.0551843	1.58961	1.58961	5.09589	3.66902	0.639995	1
cg03349134	SCGN	0.0197645	0.0468054	0.270474	-3.69721	0.00231473	0.0867308	-11.5299	0.0106716	0.158183	-6.32181	0.160427	0.422547	-2.3666	0.0810548	0.329149	-3.03813	0.32298	0.556276	-1.79767	0.00355226	0.103336	-9.67716	0.123466	0.383444	-2.60794	0.21365	0.47129	-2.12183	4.72353	24.6905	4.64634	1
cg26718511	SCGN;SCGN	5.96E-05	0.919993	0.983838	-1.01643	0.482952	1.12259	1.12259	0.0179556	1.59419	1.59419	2.33E-06	6.46213	6.46213	0.267759	0.829257	-1.2059	0.0809771	0.730665	-1.36862	0.213574	0.808636	-1.23665	4.68E-05	3.47448	3.47448	0.1695	0.788718	-1.26788	25.4128	10.5861	0.370279	1
cg06493994	SCGN;SCGN	0.000266642	0.256413	1.13574	1.13574	0.353523	0.902519	-1.10801	0.000594176	1.7677	1.7677	0.00620806	1.46721	1.46721	0.304931	0.892127	-1.12092	0.0751486	0.808228	-1.23728	0.00330876	0.650601	-1.53704	2.65E-05	2.4418	2.4418	0.349518	0.901701	-1.10902	16.9887	3.10616	0.162521	1
cg02910101	SCHIP1	7.56E-05	0.243343	0.842384	-1.18711	0.128761	1.25942	1.25942	0.51802	1.09645	1.09645	0.524033	1.09496	1.09496	0.0245523	1.45687	1.45687	0.0103799	1.57383	1.57383	2.39E-05	0.306074	-3.26718	1.24E-05	0.273983	-3.64987	0.00547681	0.598581	-1.67062	23.8538	7.45765	0.277902	1
cg14860524	SCHIP1	0.000950235	0.882386	0.96127	-1.04029	0.0494493	1.81884	1.81884	0.302336	1.3299	1.3299	0.0536834	1.79425	1.79425	0.00774986	0.401521	-2.49053	0.154971	0.666233	-1.50098	0.0045171	0.364327	-2.74479	7.14E-05	6.89904	6.89904	0.825252	1.06078	1.06078	11.9379	13.4605	1.00226	1
cg05650559	SCHIP1	0.00130286	0.0190848	2.1562	2.1562	0.0702835	1.72977	1.72977	0.269173	0.732229	-1.36569	0.0273739	2.02767	2.02767	0.000441184	0.222466	-4.49506	0.260574	0.727747	-1.3741	0.171325	1.48358	1.48358	0.000439041	4.50006	4.50006	0.955909	0.985137	-1.01509	10.9122	12.6768	1.03263	1
cg21661031	SCHIP1	0.00289314	0.234706	0.783176	-1.27685	0.00543821	0.487906	-2.04958	0.0107565	0.533238	-1.87534	0.519098	1.13683	1.13683	0.549449	0.887951	-1.12619	0.657182	0.91609	-1.0916	9.20E-05	0.254038	-3.93642	0.632314	1.0992	1.0992	0.0170166	0.564999	-1.76991	8.65073	5.2747	0.541991	1
cg10177295	SCHIP1	0.00489507	0.573741	0.917784	-1.08958	0.0182658	0.648956	-1.54094	0.0014325	0.498631	-2.00549	0.548511	1.09596	1.09596	0.621382	0.927612	-1.07804	0.0217938	1.5152	1.5152	0.00244249	1.88983	1.88983	0.448114	0.889866	-1.12377	0.973595	1.00501	1.00501	7.38624	2.66495	0.320711	1
cg25492241	SCHIP1	0.0093171	0.751577	1.09007	1.09007	0.996514	0.998815	-1.00119	0.795816	0.932013	-1.07295	0.022741	0.46696	-2.14151	0.00134018	0.260287	-3.84192	0.095227	1.65685	1.65685	0.948022	0.98246	-1.01785	0.00527441	2.84148	2.84148	0.485193	1.21286	1.21286	6.88629	7.86564	0.888391	1
cg11876013	SCHIP1	0.00947415	0.0138392	19.4721	19.4721	0.0110881	22.3906	22.3906	0.0874934	6.30432	6.30432	?	?	?	0.174329	4.09766	4.09766	0.0197705	15.5997	15.5997	0.0015974	83.1194	83.1194	0.00569987	34.4248	34.4248	0.0373699	10.5706	10.5706	6.13447	82.2746	13.4118	1
cg23823833	SCHIP1	0.00972987	0.00482735	0.132481	-7.54825	0.00642321	0.147094	-6.79836	0.0138872	0.193326	-5.17262	0.299961	0.559482	-1.78737	0.0145731	0.196583	-5.0869	0.0542371	0.306944	-3.25793	0.00288829	0.10915	-9.16167	0.00778061	0.157622	-6.3443	0.0724258	0.338304	-2.95593	5.96256	27.6038	4.11513	1
cg12847013	SCHIP1	0.0148906	0.643836	0.824028	-1.21355	0.000692676	8.60527	8.60527	0.00930816	3.94127	3.94127	0.153497	1.88766	1.88766	0.728833	0.865297	-1.15567	0.58632	1.25663	1.25663	0.180121	1.80717	1.80717	0.038107	2.7164	2.7164	0.545796	0.775574	-1.28937	5.19325	14.2148	2.43304	1
cg12027068	SCHIP1	0.0269723	0.477099	0.873382	-1.14497	0.0148257	1.75312	1.75312	0.782152	1.05328	1.05328	0.0729819	0.687617	-1.4543	0.722553	1.06904	1.06904	0.0409126	1.55566	1.55566	0.00478677	2.01625	2.01625	0.590907	1.10696	1.10696	0.319364	0.824716	-1.21254	4.24319	2.35694	0.493746	1
cg01049417	SCHIP1	0.0289982	0.723121	0.964486	-1.03682	0.0466544	1.26057	1.26057	0.0556989	1.24655	1.24655	0.00368791	1.49026	1.49026	0.0348338	1.28406	1.28406	0.187161	0.867522	-1.15271	0.912975	1.01117	1.01117	0.0377249	1.2776	1.2776	0.303034	1.11455	1.11455	4.13632	0.676909	0.145467	1
cg12780433	SCHIP1	0.0302878	0.858293	0.983043	-1.01725	0.207798	0.880645	-1.13553	0.820767	1.0275	1.0275	0.171982	1.14928	1.14928	0.0408338	1.25256	1.25256	0.0152205	1.3301	1.3301	0.0111776	0.737653	-1.35565	0.104035	0.859043	-1.16409	0.886769	1.01373	1.01373	4.05729	0.59073	0.128921	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Ratio(1117 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1221 vs. N)	Ratio(1221 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5627 vs. N)	Ratio(5627 vs. N)	Fold-Change(5630 vs. N)	Ratio(5630 vs. N)	F(Error
cg07906551	SCHIP1	0.0336296	0.0344533	1.90842	0.50842	0.528356	0.648377	-1.1822	0.18938	0.694702	-1.43947	0.790431	1.07228	0.072328	0.285323	1.33746	1.33746	0.04208986	1.64711	1.84711	0.00244818	2.97344	2.97344	0.6858606	1.11213	0.111213	0.6688744	0.8913388	0.11933	8.81632	4.14968	0.9660535	1
cg03307380	SCHIP1	0.0371007	0.149568	1.474656	1.474656	0.00554566	2.49914	2.49914	0.0142004	2.19132	2.19132	0.44632	0.8227442	-1.21545	0.7497667	1.08375	1.08375	0.3196858	1.29496	1.29496	0.0189495	2.04254	2.04254	0.04347333	1.79249	1.792491	0.7275411	1.09189	1.09189	3.786111	3.788117	0.8893172	1
cg21770060	SCHIP1	0.0406764	0.6065588	0.813237	-1.22965	0.00296615	5.06845	5.06845	0.0109387	3.56473	3.56473	0.191166	1.73349	1.73349	0.9664449	0.983399	-1.01688	0.14	1.374	1.374	0.9444419	1.02814	1.02814	0.04032375	2.56686	2.56686	0.7774669	1.11937	1.11937	3.650044	9.182972	2.229966	1
cg09513917	SCHIP1	0.0441451	0.0277531	0.253297	-3.91701	0.986872	0.991461	-1.00853	0.0649626	0.337005	-2.96732	0.351064	0.004279	-1.65486	0.0014264	0.788706	-1.26314	0.3439142	0.599142	-1.66905	0.999852	0.388127	-2.57648	0.130151	0.424013	-2.35842	0.214549	0.503765	-1.9853	3.63487	15.85573	3.87782	1
cg07519552	SCIN	2.27E-05	0.00583893	0.59765	-1.67322	0.0341052	0.701536	-1.42544	3.25E-05	0.316028	-3.16427	0.880712	0.9788111	-1.02165	0.9001048	0.0011228	0.4598012	0.0079716	0.615415	-1.62492	6.23E-07	0.142459	-7.01958	0.03408226	0.70277	-1.42294	8.25E-05	0.363713	-2.74942	3.275718	10.5505	0.286343	1
cg02024053	SCIN	0.00149094	0.0426282	1.26484	1.26484	0.113914	1.18901	1.18901	0.000134707	1.96458	1.96458	0.004961546	1.45418	1.45418	0.160753	1.16277	1.16277	0.0895957	0.828297	-1.2073	0.500978	0.933556	-1.07117	0.000668807	1.68910	1.689103	0.859924	1.01794	1.01794	10.49079	1.68461	0.142641	1
cg04205943	SCIN	0.00248606	0.0642953	2.01834	2.01834	0.8870242	1.04919	1.04919	0.595622	0.83448	-1.19835	0.637407	0.8518167	-1.17396	0.6396193	0.852727	-1.17271	0.963665	1.00979	1.00979	0.551504	0.880218	-1.13608	0.000602364	1.04084	1.040844	0.153867	1.38585	1.38585	7.87187	5.69933	0.643566	1
cg02279090	SCIN	0.00484953	0.1598805	1.48783	1.48783	0.6208389	2.99768	2.99768	0.73853	1.02668	1.02668	0.278281	1.742088	-1.34755	0.7177892	1.10079	1.10079	0.2243117	0.713386	-1.41376	0.206324	0.7028	-1.42288	0.000706036	3.85766	3.85766	0.7729554	0.926316	-1.07954	6.25374	6.91367	0.985527	1
cg10015997	SCIN	0.0186333	0.0391392	0.27916	-3.58217	0.205775	0.489954	-2.04101	0.00431861	0.130127	-7.6848	0.0229995	0.233756	-4.27796	0.0106921	0.179963	-5.55669	0.602883	0.755363	-1.32387	0.00353387	0.120785	-8.2792	0.0506161	0.304038	-3.28906	0.272682	0.543222	-1.84087	4.81867	21.804	4.02212	1
cg12420584	SCIN	0.0370943	0.0196885	0.2774	-3.60454	0.0168567	0.376961	-2.65279	0.148495	0.683981	-1.50607	0.2981	1.03689	0.037315	0.9672705	0.0001756	-5.66363	0.9193914	1.03462	1.03462	0.842018	0.29298	1.29298	0.08252954	3.31443	3.31443	0.6867391	1.14596	1.14596	3.78635	6.77258	1.58994	1
cg08912317	SCIN	0.0422943	0.251338	0.77018	-1.2984	0.0137609	1.94171	1.94171	0.639793	1.10816	1.10816	0.197462	1.34561	1.34561	0.1869337	1.35634	1.35634	0.41851	1.19736	1.19736	0.378339	0.821241	-1.21767	0.003849229	2.33646	2.33646	0.1921311	1.35097	1.60797	2.7128	0.668349	1
cg06138202	SCIN;SCIN	0.000859551	0.000402141	0.229211	-4.18349	0.297579	1.31577	1.31577	0.452288	0.82243	-1.21591	0.695108	0.6390891	-1.56473	0.0003288	0.225321	-4.43829	0.1268468	0.829	-1.20627	0.164284	0.60693	-1.64803	0.000330885	0.229274	-4.36159	0.128211	0.52619	0.909211	1	
cg05842260	SCIN;SCIN	0.0329975	0.821371	1.050152	1.050152	0.1061581	0.00551667	0.376961	-2.65279	0.148495	0.683981	-1.50607	0.6390891	1.03689	0.0820925	0.6201096	-1.66363	0.1006581	0.627764	-1.59292	0.104351	1.5986	1.5986	0.8145636	0.9397798	-1.06406	0.0125746	0.4404413	2.2706	3.95016	4.36797	0.9820007	1
cg26516287	SCIN;SCIN	0.0354307	0.0264668	0.228336	-4.36803	0.0201655	0.208018	-4.80728	0.0607994	0.305923	-3.26879	0.085997	0.345391	-2.89527	0.0029701	0.101825	-9.82081	0.28713	0.583113	-1.85765	0.640205	1.30184	1.30184	0.153021	0.424234	-2.35719	0.124194	0.39344	-2.54168	3.85004	19.1447	4.4201	1
cg08462410	SCLT1	0.0146605	0.00397752	0.165645	-6.11453	0.0924626	0.40726	-2.37713	0.102592	0.244535	-4.09152	0.0693237	0.3451542	-2.89837	0.1314005	0.4660328	-2.14566	0.4543861	0.360284	-2.77556	0.2818089	0.592221	-1.68586	0.1072016	0.2813731	0.110737	-9.03039	0.0158832	0.251278	-3.97966	0.0056583	0.183101	-5.46148	0.65714	19.592	3.07842	1
cg24362726	SCLT1;C4orf33	0.00409446	0.00987313	0.276161	-3.62108	0.00230703	0.186274	-5.36842	0.395831	0.709515	-1.40941	0.265031	0.632276	-1.58159	0.0056669	0.238734	-4.18876	0.0418041	0.396154	-2.52427	0.000560554	0.121072	-8.25958	0.00220335	0.183837	-5.4396	0.182256	0.571953	-1.74839	7.79741	19.2343	2.192681	1
cg05818236	SCLT1;C4orf33;C4orf33	0.000282882	0.00942198	0.346094	-1.54299	0.163204	0.884095	-1.1311	0.211227	1.1519	1.11519	0.122893	0.8707398	-1.14838	0.0806443	0.853826	-1.17395	0.0010154	0.668002	-1.497	2.19E-05	0.4959633	-2.0258	0.000158385	0.585883	-1.70681	0.0716356	0.846526	-1.18116	16.7166	1.83195	0.096455	1
cg06464441	SCLT1;C4orf33;SCLT1	0.0399128	0.332529	0.844378	-1.18405	0.4402249	1.19246	1.19246	0.215262	1.24435	0.0619226	0.80672	-1.4272	0.6544443	1.07922	1.07922	0.1929364	0.917154	-1.09006	0.7115	-1.26299	0.0176224	0.6134481	-1.63004	0.1349144	1.51581	1.515813	0.0771003	1.39459	1.6861	1.67157	0.4039393	1
cg09235260	SCLY	0.000442062	0.000759048	2.05605	2.05605	0.0093217	1.59324	1.59324	0.0193477	1.49097	1.49097	0.0082546	1.61134	1.61134	0.0606043	1.3482	1.3482	0.000634371	0.476526	-2.09852	0.00929731	1.59363	1.59363	0.00032687	2.2704	2.2704	0.00816042	1.61307	1.61307	14.7863	4.67051	0.280771	1
cg12458179	SCLY	0.00156758	0.0042813	0.987548	-1.01261	0.4404645	1.05921	1.05921	0.0250399	1.18425	1.18125	0.17882	0.9262	0.969508	-1.03145	0.8642669	0.870044	0.1482	1.14019	1.14019	0.1010	0.6303116	1.0311	1.0311	0.3446-05	0.669202	1.49199	1.11834	0.655889	1.02871	1.02871	10.3474	0.6052752	0.0560746	1
cg21855286	SCLY	0.0152026	0.129319	0.858003	-1.1655	0.518694	0.940094	-1.06304	0.00385932	0.695038	-1.43877	0.147751	0.8649115	-1.15618	0.0572505	0.817877	-1.22268	0.1182338	1.17175	1.17175	0.0106347	1.35006	1.35006	0.00395308	0.844765	-1.18376	0.957452	1.005	0.157576	0.713303	0.132931	1	
cg19242459	SCLY	0.0351993	0.515146	0.8964	-1.11508	0.0165373	0.525154	-1.90105	0.0013207	0.691327	-1.44649	0.178925	1.04489	0.044719	0.6275458	0.5121372	-1.95207	0.2598099	0.925453	-1.08021	0.4274043	-1.09906	0.303054	0.7128458	1.402578	0.8279777	-1.20803	0.4401578	0.8272977	-1.21001	1.859519	0.5303	0.5324475	1
cg01439631	SCLY	0.0378023	0.485343	0.705074	-1.41829	0.680331	1.22654	1.22654	0.292296	0.583611	-1.71347	0.199534	1.95042	0.95042	0.00876656	0.192925	5.18336	0.814628	0.890689	-1.12273	0.198672	0.511976	-1.95322	0.776124	0.868902	-1.15088	0.00295754	0.134144	-7.45467	3.7603	14.4676	3.41996	1
cg00025502	SCLY	0.0431037	0.721215	0.924267	-1.08194	0.729683	0.929333	-1.07604	0.613874	1.11832	1.11832	0.467348	0.8499572	-1.17651	0.7854811	0.941886	-1.0617	0.0010078	0.346058	2.88969	0.0301161	0.570887	-1.75165	0.785811	0.941886	-1.0617	0.307307	0.792722	-1.26148	3.58264	2.74118	0.680114	1
cg22491976	SCML1	0.0109091	0.4465561	0.784004	-1.27546	0.0424484	0.953772	-1.04	0.176855	1.07691	1.07691	0.1468313	0.9298838	-1.07546	0.0311159	0.852633	-1.16884	0.336648	1.05246	1.05246	1.48267	0.674	-1.48484	0.078175	0.904102	-1.106	0.212609	0.93504	-1.06947	18.3939	0.775274	0.0375088	1
cg14550007	SCML1	0.00120932	0.198419	1.25376	1.25376	0.00568283	0.452318	-2.21084	0.000816257	0.263645	-3.79298	0.373915	0.863425	-1.15818	0.000183967	0.145353	-7.06549	0.413096	0.874028	-1.14413	?	?	?	?	?	0.0136755	1.85346	1.85346	45.06006	11.7986	0.149622	1
cg14206651	SCML1	0.00167357	0.660891	1.09931	1.09931	0.0383413	0.165547	-6.07323	0.0110372	0.259539	-3.85307	0.0441237	0.2886-05	-3.46217	2.88E-05	0.173834	-5.81992	0.703407	0.921231	-1.0855	0.440456	0.491085	-2.03571	0.994118	1.00158	1.00158	0.127199	0.702085	-1.42445	0.01537	7.90786	6.647634	1	
cg14498674	SCMH1	0.0034761	0.0394769	0.829126	-1.20536	0.00172698	0.41989	1.41989	0.0601049	1.51295	1.51295	0.0932733	0.9882291	0.923741	-1.20567	0.8135511	0.981639	0.1187	1.1242	1.1242	0.64294	0.964052	-1.03729	0.0323353	1.21716	1.217161	0.3756448	0.815824	0.0865734	1.61757	0.4039393	1	
cg01553144	SCMH1	0.0170353	0.20772	0.708892	-1.41065	0.538601	0.851079	-1.17498	0.930098	0.977533	-1.02298	0.446247	1.22272	1.22272	0.0021321	0.327061	-3.05754	0.441217	0.815954	-1.22556	0.167048	1.46449	1.46449	0.163116	1.46859	1.46859	0.132683	1.52225	1.52225	7.88055	4.0247	0.944298	1
cg24841294	SCML2	0.0156758	0.0842813	0.987548	-1.01261	0.4404645	1.05921	1.05921	0.0250399	1.18425	1.18125	0.17882	0.9262	0.969508	-1.03145	0.8642669	0.870044	0.630116	1.0311	1.0311	0.3446-05	0.669202	1.49199	1.11834	0.655889	1.02871	1.02871	10.3474	0.6052752	0.0560746	1	
cg21485286	SCLY	0.0152026	0.129319	0.858003	-1.1655	0.518694	0.940094	-1.06304	0.00385932	0.695038	-1.43877	0.147751	0.8649115	-1.15618	0.0572505	0.817877	-1.22268	0.1182338	1.17175	1.17175	0.0106347	1.35006	1.35006	0.00395308	0.844765	-1.18376	0.957452	1.005	0.157576	0.713303	0.132931	1	
cg19242459	SCLY	0.0351993	0.515146	0.8964	-1.11508	0.0165373	0.525154	-1.90105	0.0013207	0.691327	-1.44649	0.178925	1.04489	0.044719	0.6275458	0.5121372	-1.95207	0.2598099	0.925453	-1.08021	0.4274043	-1.09906	0.303054	0.7128458	1.402578	0.8279777	-1.20803	0.4401578	0.8272977	-1.21001	1.859519	0.5303	0.5324475	1
cg04349631	SCLY	0.0378023	0.485343	0.705074	-1.41829	0.680331	1.22654	1.22654	0.292296	0.583611	-1.71347	0.199534	1.95042	0.95042	0.00876656	0.192925	5.18336	0.814628	0.890689	-1.12273	0.198672	0.511976	-1.95322	0.776124	0.868902	-1.15088	0.00295754	0.134144	-7.45467	3.7603	14.4676	3.41996	1
cg00025502	SCLY	0.0431037	0.721215	0.924267	-1.08194	0.729683	0.929333	-1.07604	0.613874	1.11832	1.11832	0.467348	0.8499572	-1.17651	0.7854811	0.941886	-1.0617	0.0010078	0.346058	2.88969	0.0301161	0.570887	-1.75165	0.785811	0.941886	-1.0617	0.307307	0.792722	-1.26148	3.58264	2.74118	0.680114	1
cg22491976	SCML1	0.0109091	0.4465561	0.784004	-1.27546	0.0424484	0.953772	-1.04	0.176855	1.07691	1.07691	0.1468313	0.9298838	-1.07546	0.0311159	0.852633	-1.16884	0.336648	1.05246	1.05246	1.48267	0.674	-1.48484	0.078175	0.904102	-1.106	0.212609	0.93504	-1.06947	18.3939	0.775274	0.0375088	1
cg14550007	SCML1	0.00120932	0.198419	1.25376	1.25376	0.00568283	0.452318	-2.21084	0.000816257	0.263645	-3.79298	0.373915	0.863425	-1.15818	0.000183967	0.145353	-7.06549	0.413096	0.874028	-1.14413	?	?	?	?	?	0.0136755	1.85346	1.85346	45.06006	11.7986	0.149622	1
cg14206651	SCML1	0.00167357	0.660891	1.09931	1.09931	0.0383413	0.165547	-6.07323	0.0110372	0.259539	-3.85307	0.0441237	0.2886-05	-3.46217	2.88E-05	0.173834	-5.81992	0.703407	0.921231	-1.0855	0.440456	0.491085	-2.03571	0.994118	1.00158	1.00158	0.127199	0.702085	-1.42445	0.01537	7.90786	6.647634	1
cg14498674	SCMH1	0.0034761	0.0394769	0.829126	-1.20536	0.00172698	0.41989	1.41989	0.0601049	1.51295	1.51295	0.0932733	0.9882291	0.923741	-1.20567	0.8135511	0.981639	0.1187	1.1242	1.1242	0.64294	0.964052	-1.03729	0.0323353	1.21716	1.217161	0.3756448	0.815824	0.0865734	1.61757	0.4039393	1
cg01553144	SCMH1	0.0170353	0.20772	0.708892	-1.41065	0.538601	0.851079	-1.17498	0.930098	0.977533	-1.02298	0.446247	1.22272	1.22272	0.0021321	0.327061	-3.05754	0.441217	0.815954	-1.22556	0.167048	1.46449	1.46449	0.163116	1.46859	1.46859	0.132683	1.52225	1.52225	7.88055	4.0247	0.944298	1
cg24841294	SCML2	0.0156758	0.0842813	0.987548	-1.01261	0.4404645	1.05921	1.05921	0.0250399	1.18425	1.18125	0.17882	0.9262	0.969508	-1.03145	0.8642669	0.870044	0.630116	1.0311	1.0311	0.3446-05	0.669202	1.49199	1.11834	0.655889	1.02871	1.02871	10.3474	0.6052752	0.0560746	1
cg16733643	SCML2;SCMH1	0.00898966	0.0158877	0.305168	-3.27689	0.0874493	0.46486	-2.13465	0.0922293	0.474879	-2.10587	0.0416556	0.529861	-1.88729	0.0560706	0.212529	-4.30055	0.180747	0.564853	-1.77037	0.000327373	0.0970004	-10.3092	0.132164	0.520436	-1.92146	0.0229623	0.3351	-2.98418	0.61146	15.6435	2.27412	1
cg27227596	SCML2;SCMH1	0.0180886	0.0018626	0.199704	-5.00703	0.0290032	0.368312	-2.71496	0.0154137	0.344565	-2.90205	0.0231437	0.3134746	-3.19246	0.2015035	0.4540223	-2.20378	0.1146	0.566202	-1.76694	0.0215182	0.2994727	-3.33986	0.0113	0.964727	-1.03656	0.4097118	0.762045	-1.31226	4.84618	8.0588	1.462259	1
cg12761101	SCMH1;SCML1	0.048934	0.523588	0.772223	-1.29496	0.0529034	0.414893	-2.41026	0.0345258	0.373152	-2.67987	0.356116	0.6841691	-1.46163	0.0173791	0.3140515	-3.18415	0.423291	0.721057	-1.38685	0.596511	0.807627	-1.2382	0.0204065	3.05724	3.05724	0.440407	0.730066	-1.36974	3.41596	8.65083	2.25109	1
cg11280668	SCML1;SCML1;SCML1;SCML1	0.00787176	0.590384	1.1116	1.1116	0.1711004	0.793008	-1.26051	0.3238	0.742865	-1.34613	0.0520359	0.7115767	-1.40531	0.2129576	0.5115767	-1.95407	0.0203836	0.72639	-1.37626	0.0725325	0.7063	-1.41577	0.0020039	1.70635	1.70635	0.0095251	0.8388	0.8388	1.73321	-1.36387	0.79821	0.4934571	0.5536211	1
cg08070147	SCML1;SCML1;SCML1;SCML1	0.0168385	0.0172313	0.192965	-5.1823	0.00934466	0.154271	-6.4821	0.248012	0.504229	-1.98323	0.262829	1.93847	1.93847	0.1141124	0.3737398	2.67524	0.103523	0.364406	-2.74419	0.043522	0.115317	-8.67175	0.0167139	0.190855	-5.23959	0.026793	0.225949	-4.42578	4.98537	25.3817	4.52555	1
cg18764273	SCML1;SCML1;SCML1;SCML1	0.0459205	0.231125	1.5035	1.5035	0.2204874	0.403943	-2.4756	0.0434926	0.470607	-2.12491	0.259321	0.6824664	-1.46528	0.0160696	0.384233	-2.60259	0.526405	1.2317	1.2317	0.166846	1.61363	1.61363	0.840984	0.936863	-1.06739	0.149455	0.605448	-1.65167	3.49886	5.84068	1.48383	1
cg04189389	SCML2	0.00164539	0.0032629	0.1116	1.1116	0.1711004	0.793008	-1.26051	0.3238	0.742865	-1.34613	0.0520359	0.7115767	-1.40531	0.2129576	0.5115767	-1.95407	0.2779644	1.0658	1.0658	0.4101-05	0.1682313	-5.94483	5.38E-05	0.180868	-5.53466	0.738876	0.026812	-3.73021	0.538621	1.5811	1.33321	-6.36387	0.79821	0.4934571	0.5536211	1
cg16808568	SCML2	0.000629354	0.337781	1.19286	1.19286	0.0114743	0.426129	-2.3467	0.0078554	0.544038	-1.83811	0.0113641	0.5680947	-1.76042	5.57E-05	0.262442	-3.81037	0.017103	0.67988	1.67988	0.994851	0.998849	-1.00115	0.155879	1.31122	1.31122	0.186224	0.778722	-1.28416	13.4243	6.77169	0.448387	1
cg06131666	SCML2	0.0012344	0.0031449	0.1116	1.1116	0.1711004	0.793008	-1.26051	0.3238	0.742865	-1.34613	0.0520359	0.7115767	-1.40531	0.2129576	0.5115767	-1.95407	0.549604	1.3166	1.3166	0.0004153	2.25257	2.25257	0.0004153	2.25257	0.0004153	2.25257	0.0004153	2.25257	0.0004153	2.25257	0.0004153	2.25257	0.0004153	2.25257	0.0004153	2.25257	1
cg07710066	SCML2	0.00429925	0.00146987	0.156713	-6.3811	0.0261243	0.344581	-2.90207	0.102105	0.506282	-1.97518	0.505525	1.31354	1.31354	0.00832629	0.25631	3.90152	0.117586	0.498	-2.00802	0.0006588	0.121679	-8.21833	0.00408162	0.211012	-4.73907	0.463816	0.740079	-1.35121	7.68324	19.8293	2.29409	1
cg02109128	SCML2	0.00209258	0.00206581	0.169167	-5.91161	0.0143231	0.305676	-3.26277	0.0227355	0.376622	-2.65538	0.863644	0.1356776	1.13576	0.1109-05	0.594827	-1.68316	0.076378	0.719777	-1.55008	0.282167	0.505317	-1.97905	0.0001789	0.586291	-1.70585	0.0042553	0.240965	-4.14904	0.0017324	0.678773	0.726105	-1.37721	6.678773	0.726105	-1.37721	7.90786	6.647634	1
cg05141988	SCML4	4.90E-06	4.47E-06	-6.48188	0.00142353	0.528292	0.308638	-3.24004	0.0035948	0.521258	-1.92	0.0240751	0.4881457	9.48E-06	0.18061	1.26479	1.26479	3.86E-05	0.243004	4.11008	1.52E-05	0.200751	-4.98128	0.545717	1.11581	1.11581	0.0010185787	0.322703	-3.09883	17.1532	1.86162	0.452092	1
cg01056610	SCMH1	0.00197779	0.408953	1.19318	1.19318	0.0730445	1.5027	1.5027	5.63E-05	0.212157	-4.7135	0.219024	0.765078	-1.30706	0.547441	1.1344	1.13441	0.795395	1.05531	1.05531	0.00333231	0.437042	-2.28811	0.46255	0.856489	-1.16756	0.402273	0.837302	-1.19431	9.67332	6.57419	0.604108	1
cg00773737	SCML4	0.00536172	0.0048441	0.0196597	-9.31451	0.0142231	0.306576	-3.26277	0.0227355	0.376622	-2.65538	0.863644	0.1356776	1.13576	0.1109-05	0.594827	-1.68316	0.076378	0.719777	-1.55008	0.282167	0.505317	-1.97905	0.0001789	0.586291	-1.70585	0.0042553	0.240965	-4.14904	0.0017324	0.678773	0.726105	-1.37721	6.678773	0.726105	-1.37721	7.90786	6.647634	1
cg04749840	SCML4	0.00665205	0.960256	0.990756	-1.00933	0.513734	0.12531	-1.12531	0.000986691	0.401477	-2.4908	0.808491	0.018178	-1.25195	0.581133	0.964846	-1.03644	0.116364	0.896211	-1.11589	0.0001-05	0.1229	1.29229	0.29229	0.0709	1.29229	0.29229	0.0709	1.29229	0.29229	0.0709	1.29229	0.29229	0.0709	1.29229	0.29229	0.0709	1
cg10195234	SCML4	0.00282314	0.0106554	0.916746	-1.65081	0.0204526	0.604393	-1.65353	0.0156566	0.820461	-1.21825	0.020965	0.6963854	-1.43599	0.5801102	0.9314423	-1.07363	0.81524	1.03096	1.03096	0.00163292	1.8001	1.8001	0.106072	1.19784	1.19784	0.0434016	1.06269	1.06269	6.27798	1.68706	0.238927	1
cg05603896	SCML4	0.0175256	0.0288972	0.25841	-3.86997	0.0027418	0.116319	-8.59705	0.0005110	0.177679	-5.62812	0.145705	0.342656	-2.25909	0.01153468	0.177572	-5.72596	0.2212223	0.221223	0.4512	-4.52033	0.01705556	0.221223	0.4512	-4.52033	0.01705556	0.221223	0.4512	-4.56003	0.552709	1.81031	0.730993	1.36824	0.195194	1
cg03500965	SCML4	0.0190167	0.061103	0.213949	-4.67401	0.0070197	0.073886	-12.7667	0.0282343	0.150638	-6.63845	0.163178	0.337062	-2.96681	0.0182525	0.123259	-8.11299	0.0966951	0.263854	-3.78998	0.0402984	0.0594569	-16.8189	0.00726635	0.0794996	-12.5787	0.138042	0.311361	-3.21171	4.78564	40.4621	7.51547	1
cg06760622	SCML4	0.0190986	0.0124782	0.169167	-5.91161	0.0143231	0.305676	-3.26277	0.0227355	0.376622	-2.65538	0.863644	0.1356776	1.13576	0.1109-05	0.594827	-1.68316	0.076378	0.719777	-1.55008	0.282167	0.505317	-1.97905	0.0001789	0.586291	-1.70585	0.0042553	0.240965	-4.14904	0.0017324	0.678773	0.726105	-1.37721	6.678773	0.726105	-1.37721	7.90786	6.647634	1
cg23503775	SCML4	0.0280906	0.026135	0.257082	-3.88981	0.00642411	0.16127	-6.20079	0.0149357	0.214268	-4.66706	0.133188	0.4343883	-2.30211	0.0257835	0.255962	-3.90684	0.2626279	0.548211	-1.82412	0.0170398	0.223742	-4.46943	0.0217434	0.242235	-4.12823	0.631923	0.780037	-1.28199	4.18302	17.5518	3.72974	1
cg04206886	SCML4	0.0209255	0.0242669	0.232269	-4.31287	0.00721051	0.152717	-6.54806	0.0115222	0.258024	-3.87414	0.464393	0.2766019	0.541614	-1.84631	0.0250205	0.235796	-4.24132	0.217747	0.495281	-2.01931	0.0770059	0.135496	-6.43104	0.0150037	0.179529	-3.88155	0.147646	0.430925	-2.32059	0.354045	0.10213	4.13392	1
cg02258864	SCML4	0.0413362	0.0320878	0.364194	-2.74579

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08140412	SCN8A	0.0174197	0.015595	0.355047	-2.81653	0.550238	0.809717	-1.235	0.0305709	0.411754	-2.42863	0.137832	0.572354	-1.74717	0.00361869	0.252805	-3.95561
cg21974358	SCN8A	0.0182459	0.0255821	0.158771	-6.29837	0.845851	1.14459	1.14459	0.139108	3.01783	3.01783	0.0678196	0.241897	-4.134	0.18402	2.65854	2.65854
cg15618336	SCN8A	0.0182954	0.201852	0.791568	-1.26332	0.0439084	1.49427	1.49427	0.0547505	0.685318	-1.45918	0.0170311	0.603763	-1.65628	0.0565697	0.687735	-1.45405
cg05861454	SCN8A	0.0268061	0.0352004	0.640306	-1.56175	0.08798	1.40802	1.40802	0.692224	1.07498	1.07498	0.0413369	0.65204	-1.53365	0.251305	1.24336	1.24336
cg21865762	SCN8A	0.0301534	0.0482838	0.504525	-1.98206	0.534455	1.21013	1.21013	0.938083	0.976724	-1.02383	0.146252	0.62325	-1.60449	0.0359857	0.477347	-2.09491
cg10170677	SCN8A	0.0313848	0.0191311	1.87859	1.87859	0.214752	1.33698	1.33698	0.0768038	1.54902	1.54902	0.078436	0.647457	-1.5445	0.355626	1.23528	1.23528
cg27304952	SCN8A	0.0464847	0.805718	0.930363	-1.07485	0.559221	1.18884	1.18884	0.68763	1.12568	1.12568	0.0565175	1.88209	1.88209	0.0141696	0.412078	-2.42673
cg13425422	SCN9A	5.71E-07	0.000128683	1.69337	1.69337	0.503358	0.947677	-1.05521	0.0121226	0.780787	-1.28076	0.449498	1.06288	1.06288	7.31E-08	0.240768	-4.15337
cg01790523	SCN9A	0.000198534	0.0330394	0.637863	-1.56773	0.000541083	2.63878	2.63878	0.709372	1.06987	1.06987	0.340971	1.19364	1.19364	0.0163524	0.588926	-1.69801
cg18745035	SCN9A	0.000884966	0.0313241	0.594971	-1.68075	0.0012112	0.377557	-2.64861	0.030404	0.5927	-1.68719	0.0160505	0.545627	-1.83275	0.0571896	0.642547	-1.55631
cg19098619	SCN9A	0.00276194	0.000888393	0.342496	-2.91975	0.00545536	0.455374	-2.196	0.325489	1.24419	1.24419	0.913632	0.976922	-1.02362	0.00183462	0.385791	-2.59208
cg27357229	SCN9A	0.022957	0.0152817	0.280203	-3.56884	0.624573	1.23453	1.23453	0.0383228	0.358682	-2.78798	0.0317772	0.341254	-2.93037	0.00435881	0.196522	-5.08849
cg03466415	SCN9A	0.0494838	0.296654	0.915438	-1.09237	0.0111505	1.29661	1.29661	0.827257	0.982314	-1.018	0.425455	1.06871	1.06871	0.0699942	1.17989	1.17989
cg06353611	SCNM1;LYSMD1;LYSMD1	1.29E-05	2.48E-06	0.0103986	-96.1667	0.032683	0.836019	-1.19615	0.000194409	2.90123	2.90123	?	?	?	0.000146059	0.309703	-3.2289
cg24262376	SCNM1;LYSMD1;LYSMD1	0.00936676	0.00426513	0.156281	-6.39874	0.562631	0.752669	-1.3286	0.77974	1.14578	1.14578	0.339291	0.619967	-1.61299	0.011387	0.214892	-4.6535
cg11205312	SCNM1;LYSMD1;LYSMD1	0.0351648	0.165369	1.45811	1.45811	0.014749	2.14878	2.14878	0.00972395	2.30154	2.30154	0.011707	2.23177	2.23177	0.579278	1.15344	1.15344
cg09680149	SCNN1A	3.96E-05	0.00130175	0.542327	-1.84391	0.00379725	1.66552	1.66552	8.63E-06	0.282651	-3.53794	6.35E-06	0.268102	-3.72992	0.00255739	0.578878	-1.72748
cg20095851	SCNN1A	0.00894404	0.43848	1.10311	1.10311	0.0129856	0.681946	-1.46639	0.000233011	0.46854	-2.13429	0.563115	0.92998	-1.07529	0.228102	0.854625	-1.1701
cg13126638	SCNN1A	0.0149372	0.924903	1.02232	1.02232	0.927821	1.02144	1.02144	0.000535202	0.283263	-3.53029	0.00802116	0.451459	-2.21504	0.966144	0.990113	-1.00999
cg22245858	SCNN1A	0.0326453	0.36393	0.84679	-1.18093	0.196929	0.784146	-1.27527	0.00219144	0.465026	-2.15042	0.134527	0.750057	-1.33323	0.448221	1.14771	1.14771
cg01244006	SCNN1A;SCNN1A	0.00202497	0.0939033	0.783063	-1.27704	0.00189779	1.79367	1.79367	0.0108411	0.653918	-1.52924	0.0387026	0.727714	-1.37417	0.00752697	0.633437	-1.57869
cg20366549	SCNN1A;SCNN1A	0.0103529	0.00209861	0.440967	-2.26774	0.00555947	0.501959	-1.9922	0.0054095	0.5002	-1.9992	0.145763	0.744139	-1.34384	0.0117259	0.551125	-1.81447
cg07933926	SCNN1A;SCNN1A;SCNN1A	0.000174098	0.000435563	0.454524	-2.2001	0.033139	1.42363	1.42363	0.00537586	0.594656	-1.68165	0.000129008	0.38923	-2.56917	0.000297003	0.433774	-2.30535
cg00773370	SCNN1A;SCNN1A;SCNN1A	0.0163439	0.205731	1.49502	1.49502	0.00552746	2.9996	2.9996	0.202232	1.50021	1.50021	0.0571048	1.91258	1.91258	0.0438899	2.00911	2.00911
cg26244013	SCNN1A;SCNN1A;SCNN1A	0.022341	0.0259466	0.18633	-5.36681	0.0168258	0.156612	-6.38519	0.0307194	0.199263	-5.01849	0.0367371	0.21389	-4.67531	0.0134857	0.143141	-6.98609
cg02891801	SCNN1A;SCNN1A;SCNN1A	0.0286338	0.781535	1.14078	1.14078	0.0407013	3.06328	3.06328	0.129658	2.17209	2.17209	0.795523	1.13093	1.13093	0.642038	1.24832	1.24832
cg10671054	SCNN1A;SCNN1A;SCNN1A	0.0309572	0.948375	1.0187	1.0187	0.533496	0.834875	-1.19778	0.106226	0.603598	-1.65673	0.191424	0.673144	-1.48557	0.00228392	0.295035	-3.38943
cg10294363	SCNN1A;SCNN1A;SCNN1A	0.0448183	0.29363	0.729715	-1.3704	0.0560421	0.534724	-1.87012	0.00646117	0.359053	-2.7851	0.956586	0.984376	-1.01587	0.0371992	0.496766	-2.01302
cg08701604	SCNN1B	0.00180329	0.132039	0.574956	-1.73926	0.00329495	0.255847	-3.90859	0.450176	0.769526	-1.2995	0.920543	1.03455	1.03455	0.00951011	0.326776	-3.0602
cg03983589	SCNN1B	0.00222521	0.880835	1.01157	1.01157	0.0357325	0.829112	-1.20611	8.78E-05	1.71443	1.71443	0.443359	0.94183	-1.06176	0.737241	1.02616	1.02616
cg26424556	SCNN1B	0.0044232	0.0728963	0.676472	-1.47826	0.367059	0.834406	-1.19846	0.592014	1.11148	1.11148	0.143369	0.735481	-1.35965	0.880018	1.02995	1.02995
cg07501827	SCNN1B	0.0107925	0.00742124	0.259626	-3.85169	0.0185302	3.05457	3.05457	0.36753	1.43613	1.43613	0.0644343	0.443817	-2.25318	0.00451559	0.22768	-4.39213
cg05537253	SCNN1B	0.035995	0.114565	1.69749	1.69749	0.00138448	0.23943	-4.17658	0.82722	0.934823	-1.06972	0.603978	1.17508	1.17508	0.0987545	0.57227	-1.74743
cg13587552	SCNN1D;SCNN1D	4.71E-05	1.21E-05	0.250263	-3.9958	0.463034	1.11846	1.11846	0.385072	1.14279	1.14279	0.000232237	0.400319	-2.49801	7.54E-05	0.340755	-2.93466
cg22225577	SCNN1D;SCNN1D	0.000726505	8.29E-05	0.398766	-2.50773	0.154238	1.21876	1.21876	0.903498	0.984389	-1.01586	0.913899	1.01413	1.01413	0.000891115	0.524375	-1.90703
cg09870910	SCNN1D;SCNN1D	0.00147585	0.101743	0.509895	-1.96119	0.00153364	5.55222	5.55222	0.648293	0.841418	-1.18847	0.798341	1.10105	1.10105	0.000113002	0.0781012	-12.8039
cg19861048	SCNN1D;SCNN1D	0.00858339	0.45273	0.802899	-1.24549	0.00113626	0.253133	-3.95049	0.0093737	0.388504	-2.57398	0.378474	1.29604	1.29604	0.257728	0.712524	-1.40346
cg24576260	SCNN1D;SCNN1D;SCNN1D	0.0339518	0.0225789	0.16547	-6.0434	0.184929	0.396049	-2.52494	0.489373	0.629634	-1.58822	0.203697	0.413225	-2.41999	0.0109783	0.122172	-8.18516
cg00825734	SCNN1D;SCNN1D;SCNN1D	0.0432378	0.0364916	0.241721	-4.13701	0.127945	0.382357	-2.61536	0.144695	0.400456	-2.49715	0.226142	0.475941	-2.1011	0.0172407	0.183607	-5.44642
cg06178383	SCNN1G	4.70E-05	0.70387	1.06952	1.06952	0.863751	0.970226	-1.03069	0.00110707	0.42912	-2.33035	0.000188101	0.32998	-3.03048	0.00110475	0.428998	-2.33101
cg05118482	SCNN1G	7.85E-05	0.926688	0.974783	-1.02587	0.394736	1.27367	1.27367	0.452787	1.23647	1.23647	0.994751	0.998176	-1.00183	0.274325	1.37116	1.37116
cg02067405	SCNN1G	0.000135063	0.0874396	1.41033	1.41033	0.724441	1.06662	1.06662	0.000681042	2.57526	2.57526	0.14098	1.33446	1.33446	0.100198	1.38847	1.38847
cg08681432	SCNN1G	0.000220802	0.85305	0.931873	-1.07311	0.763309	1.12179	1.12179	0.148092	1.80472	1.80472	0.458522	1.33273	1.33273	0.0263675	0.367101	-2.72404
cg10206931	SCNN1G	0.00208427	0.825224	0.922381	-1.08415	0.413919	0.737035	-1.35679	0.0142858	0.331613	-3.01556	0.319385	1.45632	1.45632	0.10622	0.524929	-1.90502
cg00452252	SCNN1G	0.00565699	0.0963285	0.574791	-1.73976	0.786251	1.08593	1.08593	0.000440252	0.185718	-5.3845	0.101224	0.580267	-1.72334	0.0994782	0.578338	-1.72909
cg00652223	SCNN1G	0.00572509	0.388819	0.744171	-1.34378	0.560232	0.821135	-1.21783	0.0021749	0.23716	-4.21656	0.00665209	0.30782	-3.24865	0.00127558	0.207627	-4.81632
cg05647430	SCNN1G	0.00594791	0.990878	0.997445	-1.00256	0.0982533	0.666459	-1.50047	0.000630268	0.308628	-3.24014	0.0125691	0.499326	-2.0027	0.223911	0.751341	-1.33095
cg09552652	SCNN1G	0.00775638	0.0024061	0.0899506	-11.1172	0.805203	1.15115	1.15115	0.123078	0.386096	-2.59003	0.0817039	0.333177	-3.00141	0.000530109	0.0462359	-21.6282
cg27258551	SCNN1G	0.0125131	0.00287426	0.0461213	-21.6819	0.129641	0.292747	-3.41592	0.189997	0.352941	-2.83334	0.0623571	0.207216	-4.82588	0.00074128	0.0214155	-46.6952
cg09094674	SCNN1G	0.0294435	0.795543	0.895167	-1.11711	0.1666	1.87568	1.87568	0.241556	1.68674	1.68674	0.285567	0.623118	-1.60483	0.776945	0.885916	-1.12877
cg00315391	SCNN1G	0.0494791	0.603243	1.19707	1.19707	0.238142	1.52786	1.52786	0.145192	1.71024	1.71024	0.487319	1.2739	1.2739	0.0627874	0.487641	-2.05069
cg16484020	SCNN1G	0.0496935	0.999509	0.999748	-1.00025	0.919817	1.04205	1.04205	0.00517893	0.220998	-4.52494	0.0376584	0.372975	-2.68114	0.14649	0.528603	-1.89178
cg02222496	SCO1	0.00069045	0.242181	0.840133	-1.19029	0.000516775	0.462594	-2.16173	0.000101261	0.375195	-2.66528	0.384492	1.13529	1.13529	0.109065	1.28233	1.28233
cg14342823	SCO1	0.00941902	0.633843	0.91871	-1.08848	0.514179	1.12399	1.12399	0.209115	0.791426	-1.26354	0.698413	1.07121	1.07121	0.176228	0.775652	-1.28924
cg21390276	SCO1;C17orf48	0.0229506	0.16667	1.42601	1.42601	0.7112	1.09363	1.09363	0.967966	0.990381	-1.00971	0.0159022	0.491308	-2.03538	0.00621828	0.423818	-2.35951
cg00480209	SCO1;C17orf48	0.0418307	0.00427047	0.639158	-1.56456	0.434244	1.09792	1.09792	0.0747331	1.26165	1.26165	0.539538	1.07544	1.07544	0.125369	1.21436	1.21436
cg25728876	SCO2;SCO2;SCO2;SCO2	0.00192308	0.0106898	0.442233	-2.26125	0.363678	1.26792	1.26792	0.542016	1.16995	1.16995	0.892331	0.966149	-1.03504	0.125533	0.656007	-1.52437
cg15756878	SCO2;SCO2;SCO2;SCO2	0.0176598	0.0129016	0.433934	-2.3045	0.339758	0.766365	-1.30486	0.0518409	0.549689	-1.81921	0.329112	1.31311	1.31311	0.0026485	0.324734	-3.07944
cg24856732	SCO2;SCO2;SCO2;SCO2	0.0497374	0.101225	0.770885	-1.29721	0.0220115	1.48927	1.48927	0.0701732	1.34114	1.34114	0.0818673	1.32255	1.32255	0.624505	1.07415	1.07415
cg05959377	SCO2;SCO2;SCO2;SCO2;SCO2;SCO2	0.0112398	0.818237	1.05159	1.05159	0.496399	1.16291	1.16291	0.285492	1.27435	1.27435	0.214229	1.3308	1.3308	0.218352	1.32705	1.32705
cg20979979	SCOC	0.00283692	0.00781564	0.267559	-3.73749	0.732295	0.875823	-1.14178	0.711367	0.866305	-1.15433	0.186621	0.582399	-1.71704	0.000528167	0.124326	-8.04335
cg06775361	SCOC	0.00535775	0.503053	1.08375	1.08375	0.0107241	0.684218	-1.46152	0.000564399	0.531283	-1.88224	0.00206988	0.598532	-1.67075	0.589836	1.06652	1.06652
cg17933300	SCOC	0.0141793	0.429825	1.20747	1.20747	0.115846	1.49157	1.49157	0.000296617	0.252062	-3.96728	0.587537	0.879752	-1.13668	0.0974608	0.653494	-1.53024
cg04761746	SCOC	0.0249095	0.0413306	0.432813	-2.31047	0.284457	0.673225	-1.48539	0.00224821	0.218274	-4.58141	0.0899486	0.514215	-1.94471	0.00875473	0.304727	-3.28163
cg12968752	SCOC	0.0410666	0.54347	0.817933	-1.22259	0.00248538	0.253089	-3.95118	0.275893	1.44833	1.44833	0.224082	1.51798	1.51798	0.106165	0.561778	-1.78006
cg01023870	SCOC;SCOC;SCOC;SCOC;SCOC	0.000146056	0.0237662	1.53434	1.53434	0.00175983	0.493133	-2.02785	0.000391409	0.408019	-2.45086	0.0463068	1.43637	1.43637	8.20E-05	3.0833	3.0833
cg23188579	SCOC;SCOC;SCOC;SCOC;SCOC	0.00155084	0.0117204	0.498145	-2.00745	0.00276572	0.401122	-2.493	0.269482	0.775317	-1.2898	0.0867524	0.657939	-1.5199	0.00206227	0.382734	-2.61278
cg05648303	SCOC;SCOC;SCOC;SCOC;SCOC	0.0233387	0.011208	0.152581	-6.55392	0.0418275	0.249616	-4.00615	0.180315	0.430978	-2.3203	0.820986	0.874519	-1.14349	0.007588	0.13114	-7.62541
cg21321372	SCOC;SCOC;SCOC;SCOC;SCOC	0.0373911	0.104557	0.564287	-1.77215	0.246544	1.47818	1.47818	0.436435	1.29182	1.29182	0.12269	0.583089	-1.715	0.0291672	0.436499	-2.29096
cg16269196	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.0180423	0.333387	0.744716	-1.34279	0.0243378	0.452577	-2.20957	0.0483335	0.513516	-1.94736	0.125772	1.63134	1.63134	0.235678	0.692726	-1.44357
cg19478223	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.038093	0.0221563	0.316875	-3.15582	0.198397	0.565791	-1.76744	0.231892	0.591337	-1.69108	0.988159	1.00624	1.00624	0.00696495	0.231603	-4.31773
cg23839709	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.00952874	0.0396947	1.7942	1.7942	0.165082	0.694928	-1.439	0.885425	1.03607	1.03607	0.597437	0.877233	-1.13995	0.370633	1.25352	1.25352
cg24810741	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.0103029	0.068725	1.86182	1.86182	0.253126	0.697563	-1.43356	0.623923	1.15986	1.15986	0.152539	0.628625	-1.59077	0.00395684	0.295406	-3.38518
cg02945007	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.0139858	0.00168624	0.274697	-3.64037	0.0985615	1.68452	1.68452	0.26462	1.39753	1.39753	0.0717287	0.560561	-1.78393	0.0233533	0.458386	-2.18157
cg15693625	SCP2;SCP2	0.000120872	0.622923	0.921701	-1.08495	0.00170048	0.478374	-2.09041	0.000136732	0.337729	-2.96095	0.0653493	0.71154	-1.4054	6.57E-06	0.192023	-5.20771
cg18880500	SCP2;SCP2	0.000835073	0.000785741	0.244314	-4.0931	0.123319	0.629119	-1.58952	0.113984	0.62042	-1.61181	0.47523	1.22333	1.22333	0.0003538	0.203336	-4.91797
cg05232215	SCP2;SCP2	0.00273779	0.0112322	1.85502	1.85502	0.590399	0.899695	-1.11149	0.111693	1.40071	1.40071	0.0117841	1.84384	1.84384	0.840684	0.961605	-1.03993
cg21538631	SCP2;SCP2	0.0115257	0.00842888	0.192142	-5.20447	0.250292	0.554871	-1.80222	0.452841	0.687319	-1.45493	0.796412	1.13515	1.13515	0.000873769	0.0865019	-11.5604
cg13685833	SCP2;SCP2;SCP2;SCP2	0.0128209	0.921112	0.975892	-1.0247	0.439825	0.823583	-1.21421	0.367356	0.796023	-1.25624	0.235819	0.736341	-1.35807	0.859374	0.957251	-1.04466
cg08759130	SCPEP1	0.00182277	0.000219515	0.629749	-1.58793	0.991298	1.00082	1.00082	0.0709779	1.16352	1.16352	0.000883558	0.687875	-1.45375	0.110395	1.13954	1.13954
cg00864424	SCPEP1	0.00230181	0.0483555	0.521102	-1.91901	0.0402295	0.504179	-1.98342	0.00093466	0.240001	-4.16666	0.015604	0.424554	-2.35541	0.00311759	0.310949	-3.21597
cg07833382	SCPEP1	0.0133531	0.150594	0.739916	-1.3515	0.0124244	1.83727	1.83727	0.00591368	2.02178	2.02178	0.96238	1.00926	1.00926	0.0329904	0.614154	-1.62826
cg10342722	SCPEP1	0.0467615	0.409959	0.605798	-1.65072	?	?	?	0.0860197	0.323556	-3.09066	0.182851	0.431381	-2.31813	0.00380646	0.098144	-10.1891
cg06892684	SCRG1	6.64E-05	0.289371	1.11407	1.11407	0.00356839	0.67857	-1.47369	0.00768231	0.714274	-1.40002	0.000342739	1.76169	1.76169	8.48E-05	2.00153	2.00153
cg13527439	SCRIB;SCRIB	1.46E-05	3.17E-07	0.0599944	-16.6682	0.00105901	0.445798	-2.24317	0.000677159	0.418071	-2.39194	0.466273	1.12326	1.12326	0.434352	0.8824	-1.13327
cg06943005	SCRIB;SCRIB	0.00162534	0.542736	1.09226	1.09226	0.000481746	0.456431	-2.19091	0.901536	0.982427	-1.01789	0.22974	1.19783	1.19783	0.0387181	0.709712	-1.40902
cg20861091	SCRIB;SCRIB	0.00205594	0.965171	0.994788	-1.00524	0.000119268	0.44693	-2.23749	0.349898	0.891225	-1.12205	0.875394	1.01896	1.01896	0.0418999	0.755312	-1.32396
cg08231333	SCRIB;SCRIB	0.00279717	0.718863	0.941162	-1.06252	0.0196302	0.623184	-1.60466	0.0107922	0.584372	-1.71124	0.787087	1.04646	1.04646	0.96912	0.993527	-1.00651
cg01869698	SCRIB;SCRIB	0.00446613	0.673893	0.946634	-1.05637	0.00835309	0.646154	-1.54762	0.0117832	0.665253	-1.50319	0.605963	1.06975	1.06975	0.584408	1.07419	1.07419
cg04140297	SCRIB;SCRIB	0.00686558	0.0396697	1.26791	1.26791	0.837277	1.02073	1.02073	0.000311753	1.79225	1.79225	0.958956	0.994878	-1.00515	0.200696	0.873838	-1.14438
cg04927313	SCRIB;SCRIB	0.00992268	0.0474012	0.547986	-1.82486	0.00119983	0.2841	-3.51989	0.586066	0.864316	-1.15698	0.0925169	1.63388	1.63388	0.858028	1.04863	1.04863
cg09387867	SCRIB;SCRIB	0.0117889	0.351976	0.870485	-1.14879	0.529498	1.09663	1.09663	0.954182	1.00836	1.00836	0.38278	0.878437	-1.13839	0.000317805	0.429847	-2.32641
cg23321939	SCRIB;SCRIB	0.0126859	0.000844947	0.27736	-3.60542	0.366957	1.26723	1.26723	0.0219795	0.495509	-2.01813	0.155171	1.4751	1.4751	0.0678747	0.592981	-1.6864
cg08996502	SCRIB;SCRIB	0.0136239	0.752167	0.974204	-1.02648	0.000946289	1.50179	1.50179	0.168398	1.12872	1.12872	0.031687	1.23094	1.23094	0.0320971	1.23013	1.23013
cg09549649	SCRIB;SCRIB	0.0163852	0.0605141	2.7659	2.7659	0.222262	1.85258	1.85258	0.00803607	5.11577	5.11577	0.602004	1.28779	1.28779	0.0286499	0.289122	-3.45875
cg17368737	SCRIB;SCRIB	0.0374182	0.00322881	2.38346	2.38346	0.553744	1.13824	1.13824	0.0914345	1.49451	1.49451	0.271299	1.2809	1.2809	0.999662	1.00009	1.00009
cg23120934	SCRIB;SCRIB	0.0392572	0.105621	2.07557	2.07557	0.00416864	4.88445	4.88445	0.0881506	2.17559	2.17559	0.0588586	2.41431	2.41431	0.517767	1.31111	1.31111
cg17150465	SCRIB;SCRIB	0.0427796	0.924324	1.02086	1.02086	0.498248	0.861228	-1.16113	0.326708	0.802507	-1.2461	0.015903	1.89957	1.89957	0.224914	1.31913	1.31913
cg18395623	SCRN1;SCRN1;SCRN1;SCRN1	0.00175122	0.0100192	0.312319	-3.20185	0.00686627	0.285631	-3.50102	0.00721823	0.289061	-3.45948	0.0265631	0.390216	-2.56268	0.000186182	0.104496	-9.56976
cg15424250	SCRN1;SCRN1;SCRN1;SCRN1	0.00209297	0.00403163	0.229431	-4.3586	0.00863648	3.58264	3.58264	0.352938	1.43948	1.43948	0.0268482	2.71655	2.71655	0.00413112	0.230913	-4.33064
cg16594999	SCRN1;SCRN1;SCRN1;SCRN1	0.00557652	0.086174	0.723746	-1.3817	0.00524027	1.87386	1.87386	0.0169925	1.64273	1.64273	0.505764	0.891238	-1.12203	0.00307891	0.501117	-1.99554
cg01196858	SCRN1;SCRN1;SCRN1;SCRN1	0.0129775	0.00458209	0.290884	-3.43779	0.326367	1.39307	1.39307	0.233894	1.50423	1.50423	0.469321	1.27232	1.27232	0.00583463	0.306977	-3.25758
cg10113101	SCRN1;SCRN1;SCRN1;SCRN1	0.0234951	0.896608	0.979645	-1.02078	0.542719	0.907135	-1.10237	0.273552	0.835071	-1.1975	0.0429365	1.44557	1.44557	0.040814	0.688329	-1.45279
cg11855325	SCRN1;SCRN1;SCRN1;SCRN1;SCRN1	0.0269436	0.99044	0.997552	-1.00245	0.287559	0.797787	-1.25347	0.0405879	0.616451	-1.62219	0.0267258	1.71098	1.71098	0.00712356	0.491082	-2.03632
cg10924080	SCRN2;SCRN2	2.79E-06	0.562897	1.0575	1.0575	0.00241699	1.49752	1.49752	5.18E-07	0.26251	-3.80937	0.575282	1.0556	1.0556	0.305885	1.10665	1.10665
cg10638573	SCRN2;SCRN2	0.000392267	0.00637367	0.575473	-1.7377	0.0936526	0.750553	-1.33235	5.05E-05	0.306514	-3.26249	0.109848	1.31162	1.31162	0.000122128	0.352121	-2.83993
cg24793903	SCRN2;SCRN2	0.0100486	0.0126828	0.719219	-1.3904	0.0274969	0.757765	-1.31967	0.53459	1.0692	1.0692	0.357422	1.10594	1.10594	0.464615	1.0824	1.0824
cg23262030	SCRN2;SCRN2	0.0131041	0.622119	0.921018	-1.08576	0.642325	0.925459	-1.08054	0.703278	0.938585	-1.06543	0.402075	0.867594	-1.15261	0.0491367	0.689381	-1.45058
cg02107316	SCRN2;SCRN2	0.0153498	0.0278449	0.782267	-1.27834	0.0399053	0.799016	-1.25154	0.0961026	0.841447	-1.18843	0.950044	0.994099	-1.00594	0.271385	0.897476	-1.11424
cg11646887	SCRN2;SCRN2	0.0171056	0.00370081	0.689986	-1.4493	0.174569	1.1464	1.1464	0.343718	1.09667	1.09667	0.0956866	0.841013	-1.18904	0.0219049	0.770919	-1.29715
cg11029668	SCRN2;SCRN2	0.0205329	0.0705039	0.636571	-1.57092	0.0613765	0.624412	-1.60151	0.0712585	0.637516	-1.56859	0.0857929	0.654262	-1.52844	0.535919	1.15034	1.15034
cg10632811	SCRN2;SCRN2	0.0206585	0.000683825	0.588371	-1.69961	0.194688	1.15057	1.15057	0.159527	1.16612	1.16612	0.353606	0.90703	-1.1025	0.30146	1.11567	1.11567
cg04059826	SCRT1	0.000758034	0.0712626	0.628592	-1.59086	0.0134167	2.04965	2.04965	0.00102249	3.24577	3.24577	0.763416	0.933886	-1.07079	0.037	0.570238	-1.75365
cg15301700	SCRT1	0.000835069	0.011657	1.48012	1.48012	0.00145339	1.77204	1.77204	0.000723332	1.89584	1.89584	0.105509	0.802542	-1.24604	0.0256731	0.719175	-1.39048
cg05184456	SCRT1	0.0079475	0.970497	1.00532	1.00532	0.353753	0.872041	-1.14674	0.438363	1.12012	1.12012	0.388074	0.880779	-1.13536	0.000201683	0.40864	-2.44714
cg21244191	SCRT1	0.0114718	0.0241339	0.378728	-2.64042	0.0132693	0.330189	-3.02857	0.0372852	0.417761	-2.39371	0.111514	0.534791	-1.86989	0.00633907	0.277135	-3.60835
cg00303982	SCRT1	0.0187916	0.0261925	8.44325	8.44325	0.052952	5.92351	5.92351	0.092757	4.46407	4.46407	0.0449498	6.43152	6.43152	0.0561974	5.74912	5.74912
cg27595860	SCRT1	0.0315482	0.45769	0.862309	-1.15968	0.0221969	0.584478	-1.71093	0.109208	1.40795	1.40795	0.488367	0.871194	-1.14785	0.0125711	0.544462	-1.83668
cg12590600	SCRT2	0.000838691	0.0291994	2.57076	2.57076	0.887458	1.05341	1.05341	0.840547	1.07683	1.07683	0.348444	1.42574	1.42574	0.0130269	3.10178	3.10178
cg07219448	SCRT2	0.00126628	0.0138852	0.644185	-1.55235	0.307775	1.16502	1.16502	0.0330312	1.43425	1.43425	0.418009	1.1272	1.1272	0.162259	0.805841	-1.24094
cg11356706	SCRT2	0.00132424	0.899798	0.979123	-1.02132	2.36E-05	0.243224	-4.11143	0.00470948	0.533129	-1.87572	0.0437447	0.678255	-1.47437	0.559945	1.10376	1.10376
cg06100238	SCRT2	0.00676356	0.2117	0.817623	-1.22306	0.00173652	1.98095	1.98095	0.170815	1.25007	1.25007	0.297245	1.17985	1.17985	0.0131079	0.624455	-1.6014
cg11183307	SCRT2	0.0109479	0.0186609	0.305473	-3.27361	0.00584878	0.222967	-4.48497	0.0219599	0.318823	-3.13654	0.0278138	0.339107	-2.94892	0.00149087	0.148802	-6.72034
cg18483289	SCRT2	0.0109529	0.0601735	2.66575	2.66575	0.0108933	4.38554	4.38554	0.0756143	2.49598	2.49598	0.218864	1.81862	1.81862	0.00936591	4.59017	4.59017
cg12881470	SCRT2	0.0205366	0.615798	1.05897	1.05897	0.0682738	1.26009	1.26009	0.0039115	1.55242	1.55242	0.0186486	1.38117	1.38117	0.00291243	1.58929	1.58929
cg02751731	SCRT2	0.0222133	0.134653	1.6293	1.6293	0.0694152	1.84911	1.84911	0.338554	1.34792	1.34792	0.00590567	2.97434	2.97434	0.200234	0.663982	-1.50606
cg24595510	SCRT2	0.0422714	0.07329	5.8469	5.8469	0.219165	3.13482	3.13482	0.516006	1.79016	1.79016	0.278915	2.70579	2.70579	0.0534011	6.95928	6.95928
cg01053273	SCRT2	0.0459266	0.0365454	0.317628	-3.14834	0.413692	0.674068	-1.48353	0.987054	1.00769	1.00769	0.656108	0.809336	-1.23558	0.0626367	0.371995	-2.68821
cg22797900	SCRT2;SCRT2	0.00131435	0.255444	0.547978	-1.82489	0.183095	2.04564	2.04564	0.124332	2.32357	2.32357	0.00233897	0.116204	-8.60556	?	?	?
cg18714560	SCT	0.000324965	0.0425013	0.650199	-1.53799	0.871444	1.03029	1.03029	0.0166705	1.71365	1.71365	0.434106	1.15845	1.15845	7.02E-06	0.160066	-6.2474
cg05782292	SCT	0.00592085	0.0145827	0.377862	-2.64647	0.0468502	2.08788	2.08788	0.0611657	0.505316	-1.97896	0.988094	0.995184	-1.00484	0.000225801	0.137472	-7.27422
cg00877321	SCT	0.00708207	0.0355754	2.11627	2.11627	0.119754	1.67738	1.67738	0.00098247	4.48812	4.48812	0.19481	0.656902	-1.5223	0.22528	1.47733	1.47733
cg04731448	SCT	0.00712621	0.00401961	0.364191	-2.74581	0.00719973	0.403901	-2.47586	0.00110761	0.284704	-3.51242	0.38717	0.793213	-1.2607	0.0067556	0.399439	-2.50351
cg14681958	SCT	0.0118005	0.305566	1.46471	1.46471	0.276336	1.50283	1.50283	0.00785485	3.4113	3.4113	0.413203	1.35114	1.35114	0.0042514	0.252487	-3.9606
cg02218884	SCT	0.0262206	0.166529	1.55377	1.55377	0.00563305	2.96101	2.96101	0.0561016	1.90858	1.90858	0.506734	0.817712	-1.22292	0.011056	2.59102	2.59102
cg10730078	SCT	0.0392671	0.0157317	0.712847	-1.40282	0.63929	0.947445	-1.05547	0.0800647	1.24868	1.24868	0.308628	0.886471	-1.12807	0.00297277	0.627387	-1.59391
cg22300806	SCTR	0.00025239	0.639146	0.944064	-1.05925	6.83E-06	0.296341	-3.3745	0.000286753	0.485965	-2.05776	0.736417	1.04204	1.04204	0.058609	0.770753	-1.29743

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08140412	0.0226584	0.385639	-2.5931	0.00359007	0.252316	-3.96329	0.887551	1.05065	1.05065	0.140899	0.575197	-1.73853	4.92907	9.51941	1.71669	1
cg21974358	0.634692	0.717423	-1.39388	0.020573	6.92675	6.92675	0.00457071	13.7342	13.7342	0.935398	0.945308	-1.05786	4.85292	36.9979	6.77676	1
cg15618336	0.0117666	0.57943	-1.72584	0.0752363	1.40996	1.40996	0.512518	1.1221	1.1221	0.356794	0.848421	-1.17866	4.84849	2.30992	0.423485	1
cg05861454	0.770536	0.948237	-1.05459	0.0253426	0.616868	-1.62109	0.0168697	1.69858	1.69858	0.664326	0.92372	-1.08258	4.2524	2.22423	0.464936	1
cg21865762	0.0632032	0.530771	-1.88405	0.00666426	0.343964	-2.90728	0.0968251	1.73768	1.73768	0.0576787	0.521699	-1.91681	4.07943	5.93763	1.29378	1
cg10170677	0.00727853	2.15923	2.15923	0.124355	0.690724	-1.44776	0.826422	0.952335	-1.05005	0.492472	1.16768	1.16768	4.02169	3.14965	0.696147	1
cg27304952	0.164046	1.54488	1.54488	0.118473	0.608692	-1.64287	0.0274563	2.14675	2.14675	0.542288	0.834707	-1.19802	3.48284	4.73251	1.20783	1
cg13425422	0.0121453	1.28064	1.28064	7.29E-07	0.346672	-2.88457	0.00159147	1.4313	1.4313	5.25E-06	0.441436	-2.26533	84.6056	8.39052	0.088153	1
cg01790523	0.311501	0.82789	-1.20789	3.17E-05	0.231692	-4.31608	0.000593561	2.60278	2.60278	0.342156	0.838157	-1.19309	18.4079	9.48652	0.45809	1
cg18745035	0.00603186	0.478324	-2.09063	0.0016577	2.52262	2.52262	0.00434784	2.18876	2.18876	0.0502725	0.632058	-1.58213	12.1805	8.1525	0.594938	1
cg19098619	0.629659	1.11023	1.11023	0.010515	0.500157	-1.99937	0.0688689	1.54985	1.54985	0.0318657	0.582009	-1.71819	8.77041	6.43301	0.651992	1
cg27357229	0.147822	0.515162	-1.94114	0.0102906	0.251268	-3.97981	0.521068	0.757413	-1.32028	0.0515217	0.387983	-2.57744	4.48775	12.9694	2.56884	1
cg03466415	0.873996	1.01304	1.01304	0.0294639	1.23289	1.23289	0.872038	1.01325	1.01325	0.0130111	1.28609	1.28609	3.40152	0.359167	0.0938581	1
cg06353611	8.58E-06	0.0488078	-20.4885	4.40E-05	5.75322	5.75322	1.84E-05	0.0962996	-10.3843	0.000401212	0.433718	-2.30565	2390.29	71.8932	0.0112789	1
cg24262376	0.0318289	0.294866	-3.39137	0.00280832	0.135551	-7.37731	0.00328058	0.142996	-6.99322	0.0373601	0.309498	-3.23104	6.03528	22.5224	3.31715	1
cg11205312	0.62232	0.881135	-1.1349	0.861657	1.04546	1.04546	0.453205	0.823032	-1.21502	0.0444791	1.80073	1.80073	3.86056	3.9721	0.914571	1
cg09680149	0.256779	0.856715	-1.16725	0.0278316	0.712006	-1.40448	0.00117447	0.53678	-1.86296	0.0643282	0.76218	-1.31203	28.3217	7.65753	0.240335	1
cg20095851	0.409439	0.900543	-1.11044	0.278266	1.15027	1.15027	0.33707	0.884351	-1.13077	0.0940083	0.795613	-1.25689	6.12448	1.49568	0.217078	1
cg13126638	0.948605	1.01521	1.01521	0.709773	1.09146	1.09146	0.0674091	0.61893	-1.61569	0.78483	1.06617	1.06617	5.18789	4.50298	0.771537	1
cg22245858	0.782182	1.05064	1.05064	0.0267629	1.59639	1.59639	0.705695	0.934611	-1.06996	0.968755	1.00701	1.00701	3.96541	1.99534	0.447276	1
cg01244006	0.539006	1.08608	1.08608	0.0102209	0.650597	-1.53705	0.0074839	1.57949	1.57949	0.122796	0.800934	-1.24854	9.60709	2.68177	0.248129	1
cg20366549	0.552804	0.892597	-1.12033	0.14971	0.74658	-1.33944	0.197686	0.772866	-1.29389	0.00649993	0.512065	-1.95288	5.84533	3.31471	0.504062	1
cg07933926	0.330069	0.867161	-1.15319	9.00E-05	0.370302	-2.7005	0.124291	1.26619	1.26619	0.0229062	0.679783	-1.47106	19.0742	6.07513	0.283111	1
cg00773370	0.112797	1.68201	1.68201	0.0450313	1.99949	1.99949	0.00135382	4.06253	4.06253	0.0116016	2.58729	2.58729	5.03522	7.23714	1.2776	1
cg26244013	0.0329204	0.204804	-4.88272	0.0222597	0.175272	-5.70541	0.00616042	0.103201	-9.68984	0.0905863	0.305709	-3.27108	4.52995	28.983	5.68718	1
cg02891801	0.80673	1.12314	1.12314	0.0292077	3.37838	3.37838	0.00264491	7.17674	7.17674	0.00670732	5.29034	5.29034	4.15485	14.7712	3.16014	1
cg10671054	0.00633137	0.361584	-2.76561	0.28705	1.37211	1.37211	0.411833	0.786526	-1.27141	0.641233	0.874332	-1.14373	4.04142	5.24166	1.15288	1
cg10294363	0.352202	0.758115	-1.31906	0.00795109	0.373703	-2.67592	0.70294	0.895092	-1.1172	0.662099	1.13564	1.13564	3.53087	4.67873	1.17786	1
cg08701604	0.319068	0.704266	-1.41992	3.61E-05	0.0664826	-15.0415	0.449405	0.76917	-1.3001	0.021203	0.389344	-2.56842	9.93652	18.2436	1.63201	1
cg03983589	0.00559184	1.32183	1.32183	0.765403	0.977314	-1.02321	0.0330649	1.21059	1.21059	0.520811	0.951315	-1.05118	9.34607	0.870418	0.082784	1
cg26424556	0.213256	0.774079	-1.29186	0.0176839	0.569089	-1.7572	0.00248131	2.27431	2.27431	0.00118091	2.53327	2.53327	7.61739	4.60509	0.537377	1
cg07501827	0.416221	0.722589	-1.38391	0.272598	1.56285	1.56285	0.0411604	0.398037	-2.51233	0.391709	0.709538	-1.40937	5.76778	13.9674	2.15256	1
cg05537253	0.791597	0.921593	-1.08508	0.818947	0.931749	-1.07325	0.708583	0.890687	-1.12273	0.0815829	0.551486	-1.81328	3.82803	5.76347	1.33831	1
cg13587552	0.00406661	0.561001	-1.78253	1.29E-05	0.25319	-3.94961	0.0108295	0.619006	-1.61549	0.00559348	0.579666	-1.72513	27.0395	9.61967	0.316235	1
cg22225577	0.00747601	0.639726	-1.56317	0.234184	0.850636	-1.17559	0.116719	1.24743	1.24743	0.00112728	0.536988	-1.86224	12.8761	3.43141	0.236885	1
cg09870910	0.218999	0.615049	-1.62589	0.0173072	0.336224	-2.97421	0.0816125	0.484008	-2.06608	0.0543997	0.440142	-2.272	10.5286	23.5725	1.99013	1
cg19861048	0.913914	0.969444	-1.03152	0.0130591	0.413271	-2.41972	0.00941429	0.38882	-2.57189	0.0119877	0.406772	-2.45838	6.20484	8.09339	1.15944	1
cg24576260	0.129726	0.340175	-2.93967	0.0057827	0.092371	-10.8259	0.0168317	0.146403	-6.83045	0.0405712	0.210591	-4.74855	3.90984	26.8717	6.10921	1
cg00825734	0.173179	0.428831	-2.33192	0.0125315	0.162955	-6.13667	0.00563287	0.119712	-8.35337	0.144623	0.400381	-2.49762	3.5785	19.3412	4.8043	1
cg06178383	0.0111663	1.75014	1.75014	0.426961	0.866975	-1.15344	3.24E-06	0.143927	-6.94794	0.000182418	0.328343	-3.04559	27.0662	13.2763	0.436012	1
cg05118482	0.156561	0.656686	-1.5228	0.000562989	0.226798	-4.40921	1.45E-06	29.9071	29.9071	0.879375	1.04305	1.04305	23.621	28.8114	1.08421	1
cg02067405	0.264985	1.23577	1.23577	0.000245097	0.33145	-3.01704	1.08E-05	5.52401	5.52401	0.104119	0.723405	-1.38235	20.4257	10.7421	0.467475	1
cg08681432	0.574837	1.24069	1.24069	0.367707	0.703214	-1.42204	2.37E-06	78.9585	78.9585	0.694063	1.16234	1.16234	17.8843	41.0145	2.03851	1
cg10206931	0.711861	1.14514	1.14514	3.67E-05	0.054925	-18.2066	0.0260218	0.380953	-2.625	0.0572776	0.455812	-2.19389	9.52655	20.1358	1.8788	1
cg00452252	0.374675	1.31829	1.31829	0.0609075	0.52695	-1.89771	0.000930696	0.223381	-4.47666	0.248954	0.693879	-1.44117	7.06618	10.2929	1.29479	1
cg00652223	0.15747	0.603052	-1.65823	0.00429806	0.278721	-3.58782	0.00646163	0.305821	-3.26988	0.0470127	0.467392	-2.13953	7.04021	12.4813	1.57587	1
cg05647430	0.214868	0.746659	-1.3393	0.00242843	0.388865	-2.57159	0.00276707	0.397103	-2.51824	0.081134	0.648768	-1.54138	6.95786	5.51734	0.704858	1
cg09552652	0.167727	0.432729	-2.31092	0.0295979	0.232454	-4.30193	0.0287207	0.229978	-4.34824	0.0223538	0.210282	-4.75552	6.40612	32.9264	4.56875	1
cg27258551	0.244112	0.400794	-2.49505	0.0317476	0.151249	-6.61159	0.190307	0.353227	-2.83104	0.0232057	0.130547	-7.66008	5.49817	49.0196	7.92499	1
cg09094674	0.970826	0.984524	-1.01572	0.264929	0.60926	-1.64133	0.000856444	8.46342	8.46342	0.182143	1.82928	1.82928	4.11407	11.8511	2.56055	1
cg00315391	0.348822	1.39217	1.39217	0.141555	0.581435	-1.71988	0.00439972	3.68528	3.68528	0.721177	0.884325	-1.13081	3.40164	6.3397	1.65664	1
cg16484020	0.298186	0.643329	-1.55441	0.0400413	0.37884	-2.63964	0.0290098	0.348975	-2.86554	0.0707319	0.437798	-2.28416	3.39606	8.99891	2.35539	1
cg02222496	0.0229292	0.678923	-1.47292	0.00476884	1.70442	1.70442	0.727219	1.0511	1.0511	0.140083	0.797788	-1.25347	13.0611	4.18922	0.285102	1
cg14342823	0.000176668	0.32519	-3.07512	0.108813	1.36207	1.36207	0.713464	1.06733	1.06733	0.608245	0.912702	-1.09565	6.0246	2.97865	0.43948	1
cg21390276	0.0058019	0.419079	-2.38618	0.192994	0.7178	-1.39315	0.74235	1.08263	1.08263	0.223346	0.734974	-1.36059	4.48818	4.11735	0.815445	1
cg00480209	0.173134	1.18497	1.18497	0.522777	0.926968	-1.07879	0.277012	1.14154	1.14154	0.126506	1.21354	1.21354	3.62275	0.786566	0.192994	1
cg25728876	0.00681627	0.410102	-2.43842	4.54E-05	0.140737	-7.10544	0.0525844	0.570989	-1.75135	0.428086	0.814052	-1.22842	9.75262	9.98744	0.910292	1
cg15756878	0.0803983	0.591846	-1.68963	0.00754623	0.394678	-2.53371	0.70724	0.902996	-1.10742	0.0576556	0.559594	-1.78701	4.90648	5.6838	1.02971	1
cg24856732	0.25072	1.19008	1.19008	0.707317	0.946779	-1.05621	0.0128936	1.56463	1.56463	0.143577	1.25592	1.25592	3.39492	1.13039	0.295968	1
cg05959377	0.138064	1.41762	1.41762	0.000561011	0.310661	-3.21895	0.024907	0.558029	-1.79202	0.706455	0.920638	-1.0862	5.6928	4.30626	0.672392	1
cg20979979	0.00636456	0.253774	-3.94052	0.000414766	0.114971	-8.69786	0.0104543	0.288048	-3.47164	0.0476839	0.417097	-2.39752	8.70116	20.5484	2.09918	1
cg06775361	0.168439	0.840565	-1.18968	0.51687	1.08088	1.08088	0.399804	0.903028	-1.10739	0.0244729	0.728194	-1.37326	7.18508	1.59371	0.197163	1
cg17933300	0.970369	1.00873	1.00873	0.837019	1.04937	1.04937	0.618747	0.889268	-1.12452	0.501883	0.852621	-1.17285	5.27776	4.57432	0.770415	1
cg04761746	0.103617	0.530787	-1.88399	0.0244123	0.385063	-2.59698	0.376606	0.724061	-1.3811	0.0301921	0.403726	-2.47693	4.36273	8.75006	1.78279	1
cg12968752	0.252726	1.47759	1.47759	0.235636	0.666196	-1.50106	0.380261	0.745179	-1.34196	0.365533	1.35504	1.35504	3.64755	6.16962	1.5035	1
cg01023870	0.00695505	1.74008	1.74008	0.00125912	2.1105	2.1105	0.0468727	0.697035	-1.43465	0.403615	0.873213	-1.1452	20	7.9711	0.354271	1
cg23188579	0.947694	1.01462	1.01462	8.17E-05	0.207702	-4.81459	0.0615496	0.627477	-1.59368	0.00299783	0.406245	-2.46157	10.3794	8.05065	0.689452	1
cg05648303	0.520446	0.680185	-1.47019	0.00858367	0.137622	-7.2663	0.278823	0.513683	-1.94673	0.00716712	0.128229	-7.79856	4.4623	24.7349	4.92719	1
cg21321372	0.723172	0.89163	-1.12154	0.0103463	0.352857	-2.83401	0.554068	0.824462	-1.21291	0.0104093	0.353308	-2.83039	3.77535	6.21923	1.46429	1
cg16269196	0.46208	1.24752	1.24752	0.024471	0.453036	-2.20733	0.505646	0.819125	-1.22082	0.00168904	0.26566	-3.76421	4.87128	6.73262	1.22854	1
cg19478223	0.668205	1.19802	1.19802	0.0150342	0.28584	-3.49846	0.656241	0.828853	-1.20649	0.019087	0.304618	-3.2828	3.74978	10.4268	2.47168	1
cg23839709	0.000857451	0.292118	-3.42328	?	?	?	0.486849	1.18962	1.18962	0.0270484	1.90281	1.90281	6.12317	5.20716	0.850403	1
cg24810741	0.131761	1.63798	1.63798	0.0024787	0.264199	-3.78503	0.0225866	0.430694	-2.32184	0.985504	0.994569	-1.00546	6.64907	9.2624	1.08347	1
cg02945007	0.0557741	0.535861	-1.86616	0.0552175	0.534901	-1.86951	0.222053	0.691118	-1.44693	0.611404	1.15893	1.15893	5.30165	6.95843	1.16667	1
cg15693625	0.000471626	0.405056	-2.46879	0.0146537	0.609946	-1.63949	0.0519002	1.43891	1.43891	0.0682983	0.714764	-1.39906	21.0441	9.02031	0.381011	1
cg18880500	0.00739032	0.383585	-2.60698	9.71E-05	0.146033	-6.84777	0.0149396	0.435671	-2.29531	0.00940148	0.400883	-2.49449	12.3816	15.1141	1.08506	1
cg05232215	0.62991	0.909879	-1.09905	0.000306744	0.319762	-3.12733	0.0185753	0.573967	-1.74226	0.356475	1.2026	1.2026	8.7932	5.26948	0.532682	1
cg21538631	0.141811	0.460954	-2.16942	0.00454824	0.156756	-6.37933	0.665661	0.808032	-1.23757	0.0303361	0.287018	-3.4841	5.64677	21.4986	3.38421	1
cg13685833	0.898454	0.969036	-1.03195	0.000175584	0.208519	-4.79573	0.939138	1.01899	1.01899	0.207145	1.38781	1.38781	5.45479	5.2433	0.854426	1
cg08759130	0.270911	1.08987	1.08987	0.0803957	0.864493	-1.15675	0.130621	1.13039	1.13039	0.871109	1.01227	1.01227	9.90559	0.884364	0.0793594	1
cg00864424	0.0127806	0.409135	-2.44418	0.00213944	0.287586	-3.47722	0.000363333	0.191812	-5.21344	0.0177713	0.434833	-2.29973	9.25386	12.2362	1.17536	1
cg07833382	0.45823	0.862711	-1.15914	0.410471	0.848269	-1.17887	0.630622	0.909624	-1.09935	0.0150043	1.79424	1.79424	5.38277	3.25866	0.538123	1
cg10342722	0.0182687	0.181968	-5.49548	0.100021	0.342335	-2.92111	0.177253	0.426141	-2.34664	0.0645632	0.29085	-3.4382	3.52736	17.5688	4.98072	1
cg06892684	0.00164141	1.55713	1.55713	0.000384893	1.74452	1.74452	0.0116959	0.733858	-1.36266	0.00212661	0.65437	-1.52819	24.6925	3.77317	0.135828	1
cg13527439	0.000322845	0.372976	-2.68114	0.360786	1.15895	1.15895	0.00694673	1.76723	1.76723	0.00618636	0.558295	-1.79117	51.2313	19.4193	0.294819	1
cg06943005	0.00573685	0.595296	-1.67984	0.0389559	1.40825	1.40825	0.00132537	1.95197	1.95197	0.9744	0.995414	-1.00461	10.2399	3.32739	0.288839	1
cg20861091	0.336609	0.88819	-1.12589	0.00201014	1.68478	1.68478	0.975325	1.00371	1.00371	0.146054	1.20534	1.20534	9.56467	2.16969	0.201639	1
cg08231333	0.0013321	0.457192	-2.18726	0.000644542	2.4068	2.4068	0.701879	0.937519	-1.06664	0.218067	0.804654	-1.24277	8.73758	3.89414	0.396158	1
cg01869698	0.0358097	1.3723	1.3723	0.000897874	1.90424	1.90424	0.0806389	0.777975	-1.28539	0.241352	0.853065	-1.17224	7.59511	2.01973	0.236378	1
cg04140297	0.326165	0.903792	-1.10645	0.0184916	1.32987	1.32987	0.577386	0.94538	-1.05778	0.0379306	1.27144	1.27144	6.65521	1.04949	0.140173	1
cg04927313	0.00455014	0.367069	-2.72428	0.17465	1.46651	1.46651	0.865753	0.956121	-1.04589	0.559558	1.16938	1.16938	5.92531	6.59964	0.990049	1
cg09387867	0.0160399	0.652585	-1.53237	0.0198038	0.665355	-1.50296	0.42801	0.889425	-1.12432	0.287895	0.852332	-1.17325	5.60567	1.86173	0.295213	1
cg23321939	0.13174	1.51552	1.51552	0.72349	1.09502	1.09502	0.323778	0.770731	-1.29747	0.442346	0.818591	-1.22161	5.47365	5.66083	0.919285	1
cg08996502	0.76134	1.02545	1.02545	0.0353672	0.816985	-1.22401	0.24589	1.1053	1.1053	0.637186	1.03997	1.03997	5.34748	0.576396	0.0958118	1
cg09549649	0.0516381	2.90006	2.90006	0.0140164	4.29832	4.29832	0.0321677	3.34062	3.34062	0.0414827	3.09596	3.09596	5.03098	18.4103	3.25279	1
cg17368737	0.957289	1.01164	1.01164	0.0421284	1.65888	1.65888	0.00630904	2.15747	2.15747	0.251916	1.29528	1.29528	3.77436	2.79328	0.657838	1
cg23120934	0.120779	2.0038	2.0038	0.0101435	3.81739	3.81739	0.0233296	3.06356	3.06356	0.363842	1.47032	1.47032	3.70862	10.0226	2.40222	1
cg17150465	0.0708637	0.644978	-1.55044	0.0126573	0.509952	-1.96097	0.521071	0.8682	-1.15181	0.230425	1.31441	1.31441	3.59271	2.68655	0.664692	1
cg18395623	0.798379	0.912442	-1.09596	0.119425	0.546136	-1.83105	0.0279308	2.53402	2.53402	0.0076584	0.293161	-3.41109	10.0213	20.3381	1.80399	1
cg15424250	0.555674	0.796795	-1.25503	0.00159268	0.177848	-5.62278	0.219949	1.63488	1.63488	0.090515	0.491241	-2.03566	9.51497	21.8888	2.04485	1
cg16594999	0.0334937	0.654677	-1.52747	0.0533927	1.45382	1.45382	0.468268	0.88175	-1.13411	0.785237	0.954488	-1.04768	7.09737	3.26885	0.409398	1
cg01196858	0.632719	0.854259	-1.17061	0.00683659	0.317857	-3.14607	0.39617	1.32879	1.32879	0.168902	0.619059	-1.61535	5.43322	9.21027	1.50682	1
cg10113101	0.688493	1.06582	1.06582	0.00129837	0.476592	-2.09823	0.372103	0.865063	-1.15599	0.483881	1.11912	1.11912	4.45202	1.76427	0.352254	1
cg11855325	0.0479845	0.629704	-1.58805	0.57745	0.891236	-1.12204	0.456394	1.16788	1.16788	0.191652	1.32685	1.32685	4.24478	2.81405	0.589283	1
cg10924080	0.795196	1.02518	1.02518	0.000879679	0.620853	-1.61069	3.40E-07	0.243636	-4.10449	0.000532671	0.597261	-1.67431	56.4015	8.16145	0.128625	1
cg10638573	0.00118808	0.477239	-2.09539	0.0823346	0.74117	-1.34922	0.366831	1.15522	1.15522	0.48674	0.895849	-1.11626	15.2822	5.86291	0.341016	1
cg24793903	0.0361432	0.77164	-1.29594	0.2674	1.13079	1.13079	0.0218868	0.746305	-1.33993	0.001824	0.624179	-1.6021	5.90146	1.0579	0.159344	1
cg23262030	0.000199142	0.355315	-2.81441	0.0488531	0.68897	-1.45144	0.392441	0.864934	-1.15616	0.0802738	0.725161	-1.379	5.41602	2.35287	0.386159	1
cg02107316	0.965071	0.995872	-1.00415	0.00201002	1.50947	1.50947	0.46333	0.93191	-1.07307	0.0501501	0.8098	-1.23487	5.14132	0.72668	0.125637	1
cg11646887	0.294987	1.10822	1.10822	0.538561	0.942791	-1.06068	0.305063	1.1057	1.1057	0.035912	1.25975	1.25975	4.9592	0.703029	0.126011	1
cg11029668	0.00476634	0.432876	-2.31013	0.917402	0.977088	-1.02345	0.390983	1.217	1.217	0.00365005	0.415387	-2.40739	4.66266	3.68677	0.702845	1
cg10632811	0.751624	1.033	1.033	0.514644	0.934674	-1.06989	0.141507	0.850751	-1.17543	0.453731	0.924938	-1.08115	4.65298	0.770302	0.147156	1
cg04059826	0.432834	0.833728	-1.19943	0.00082242	0.294575	-3.39472	0.000259068	0.227494	-4.39572	0.0873613	0.64784	-1.54359	15.628	12.429	0.61857	1
cg15301700	0.113773	1.23865	1.23865	0.0168928	0.695926	-1.43693	0.00359162	0.612334	-1.6331	0.814047	0.971118	-1.02974	12.3816	3.03398	0.217813	1
cg05184456	0.329744	0.865596	-1.15527	0.0182612	0.6629	-1.50852	0.0581313	0.735421	-1.35976	0.250772	1.18793	1.18793	6.3573	2.07348	0.289917	1
cg21244191	0.0315786	0.402444	-2.48482	0.00234885	0.215918	-4.63138	0.0100604	0.309481	-3.23122	0.0153622	0.341575	-2.92762	5.65534	11.6775	1.83544	1
cg00303982	0.0220909	9.20621	9.20621	0.00210413	33.0577	33.0577	0.00909582	14.5934	14.5934	0.0328318	7.53239	7.53239	4.80493	49.782	9.20943	1
cg27595860	0.48481	0.870179	-1.14919	0.00489238	0.481647	-2.07621	0.11644	0.715942	-1.39676	0.572305	0.894251	-1.11825	4.01424	2.43945	0.540177	1
cg12590600	0.0146585	3.01662	3.01662	1.94E-05	24.1513	24.1513	0.0012762	5.61983	5.61983	0.0126489	3.12348	3.12348	12.3665	26.443	1.90069	1
cg07219448	3.66E-05	0.316833	-3.15624	0.579225	0.92216	-1.08441	0.931628	0.987662	-1.01249	0.0921556	1.30761	1.30761	11.0015	3.647	0.294667	1
cg11356706	0.449616	0.878944	-1.13773	0.218536	1.24204	1.24204	0.153705	0.774288	-1.29151	0.177673	0.786693	-1.27114	10.8615	4.82525	0.394893	1
cg06100238	0.0428276	1.42872	1.42872	0.00468902	1.77753	1.77753	0.168156	1.25204	1.25204	0.746603	0.951593	-1.05087	6.68629	2.48035	0.329743	1
cg11183307	0.12665	0.502975	-1.98817	0.0396364	0.371717	-2.69022	0.324655	0.655046	-1.52661	0.00659616	0.230595	-4.33661	5.7413	15.7303	2.43542	1
cg18483289	0.0257888	3.40211	3.40211	0.00106966	9.35233	9.35233	0.00795411	4.82441	4.82441	0.0383137	3.03487	3.03487	5.74045	19.4466	3.01125	1
cg12881470	0.138422	1.19799	1.19799	0.137295	1.19871	1.19871	0.754742	1.03613	1.03613	0.024764	1.35349	1.35349	4.66238	0.946981	0.180543	1
cg02751731	0.242121	1.44848	1.44848	0.00990488	2.68088	2.68088	0.240232	1.45084	1.45084	0.00590113	2.97481	2.97481	4.53888	6.58439	1.28948	1
cg24595510	0.117297	4.50054	4.50054	0.00333056	34.2372	34.2372	0.0112449	16.5764	16.5764	0.0468047	7.4817	7.4817	3.60869	44.6816	11.0059	1
cg01053273	0.0580708	0.363824	-2.74858	0.00586065	0.182243	-5.48719	0.0688946	0.382551	-2.61403	0.0150274	0.243939	-4.09938	3.49868	12.3449	3.13638	1
cg22797900	6.49E-05	0.0243033	-41.1466	0.264669	0.554876	-1.8022	0.752638	0.851982	-1.17373	0.226192	1.90381	1.90381	11.1395	40.2559	3.61379	1
cg18714560	0.493213	1.13682	1.13682	0.014874	1.73679	1.73679	0.619319	1.09669	1.09669	0.435929	0.863748	-1.15775	16.0938	8.65605	0.478089	1
cg05782292	0.269646	0.68943	-1.45047	0.530577	1.22817	1.22817	0.812936	0.926175	-1.07971	0.211769	0.6534	-1.53046	6.96765	11.5498	1.47345	1
cg00877321	0.00442821	3.20184	3.20184	0.00338584	3.39032	3.39032	0.0986146	1.74187	1.74187	0.6759	1.1375	1.1375	6.59111	9.801	1.32178	1
cg04731448	0.141473	0.66151	-1.51169	0.0131478	0.447713	-2.23357	0.77209	0.926906	-1.07886	0.854185	1.04926	1.04926	6.57834	7.11654	0.961612	1
cg14681958	0.265354	1.51828	1.51828	0.0201793	0.364978	-2.73989	0.0570257	2.16992	2.16992	0.893977	1.04914	1.04914	5.60387	11.4864	1.82198	1
cg02218884	0.214653	1.47736	1.47736	0.00834668	2.73745	2.73745	0.0543322	1.91997	1.91997	0.745179	1.10233	1.10233	4.2854	6.05759	1.25648	1
cg10730078	0.863529	0.980518	-1.01987	0.395904	0.905355	-1.10454	0.85607	0.97945	-1.02098	0.245706	0.870358	-1.14895	3.70828	0.768126	0.184123	1
cg22300806	0.808706	0.970871	-1.03	0.0403259	1.33468	1.33468	0.0336701	0.739067	-1.35306	0.207916	0.850582	-1.17567	17.2452	4.05732	0.209131	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg14549161	SCTR	0.00124194	0.0187582	1.49916	1.46916	0.0092805	1.28115	1.28115	0.0173609	0.675822	1.47968	0.570301	0.9254	-1.08057	0.0114501	0.653202	1.53327	0.0197097	1.81007	1.81007	0.00221812	1.79246	1.79246	0.388163	1.1269	1.1269	0.00334424	0.583095	1.71499	11.0627	3.19693	0.256873	1
cg15250797	SCTR	0.00192132	0.249185	1.2334	1.2334	4.80E-05	3.79154	3.79154	0.359104	0.848539	-1.1785	0.0172472	0.604181	-1.65513	0.213684	0.796079	-1.25616	0.617402	1.01968	1.01968	0.351034	0.84605	-1.18196	0.605397	1.09502	1.09502	0.172506	0.776554	-1.28774	9.75521	4.68703	0.42708	1
cg13726814	SCTR	0.00252917	0.00248088	0.501021	-1.99592	0.00305742	1.94757	1.94757	0.0107843	0.590774	-1.6927	0.0141578	0.608082	-1.64451	0.00160156	0.475277	-2.10404	0.11997	0.757908	-1.31942	0.556411	1.10269	1.10269	0.289708	0.834786	-1.19791	0.678064	0.933705	-1.071	9.00124	3.84944	0.380139	1
cg10944063	SCTR	0.00594281	0.00595948	0.317599	-3.14863	0.593542	0.941984	-1.18772	0.0387955	0.465756	-2.14705	0.530583	0.816382	-1.22492	0.00236944	0.258228	-3.87173	0.369168	1.34251	1.34251	0.550771	1.2126	1.2126	0.00166079	0.237949	-4.20434	0.0182216	0.399479	2.50326	6.63206	10.7122	1.43574	1
cg21082557	SCTR	0.00789854	0.0578737	0.551326	-1.81381	0.320221	0.751852	-1.33005	0.186017	0.677494	-1.47603	0.0048492	0.28164	2.82164	0.0221235	0.466782	-2.14233	0.598691	0.862886	-1.1589	0.0557125	0.363822	-2.74856	0.101607	1.64492	1.64492	0.028579	0.48807	-2.04889	6.36967	7.77903	1.08557	1
cg16943607	SCTR	0.00822473	0.00153487	2.99616	2.99616	0.3549931	0.79527	-1.25743	0.0233496	1.91992	1.91992	0.0196006	0.9716	1.9716	0.852496	0.956184	-1.04592	0.194451	1.39155	1.39155	0.0122421	0.47179	-2.11959	0.113311	1.15407	1.15407	0.64209	0.893445	-1.11926	6.28803	5.77145	0.815734	1
cg25406619	SCTR	0.0162771	0.887455	1.02615	1.02615	0.766774	0.947231	-1.05571	0.000618299	2.6129	2.6129	0.6343662	1.09125	1.09125	0.640704	0.917895	-1.08945	0.329008	1.20156	1.20156	0.0157259	0.583034	-1.71516	0.499852	0.882644	-1.13296	0.79418	0.953464	-1.04881	5.04209	2.65285	0.467681	1
cg04955050	SCTR	0.00076268	0.81934	1.06471	1.06471	0.0025595	0.9345	1.9345	0.0334241	0.374135	-2.67283	0.0055253	0.23204	4.23204	0.499398	0.762449	-1.31156	0.05720207	2.34214	2.34214	0.0050885	0.3516491	-2.84375	0.00202861	10.3262	10.3262	0.00084337	0.284671	7.28471	12.6988	31.4702	2.20384	1
cg17246765	SCUB1	0.000903057	0.0236327	0.631896	-1.58256	0.00162216	4.464237	-2.15407	0.000216786	0.350567	-2.85252	0.451472	0.877814	-1.13919	0.00240156	0.387641	-2.5797	0.00875533	0.428378	-2.33439	0.0212372	0.4898	-2.04167	0.0156206	0.510466	0.802795	0.0131767	-1.12008	12.1214	5.53983	0.40625	1
cg14721708	SCUB1	0.00288864	0.645698	1.13551	1.13551	0.094176	1.65724	1.65724	0.620851	1.14669	1.14669	0.741512	1.09512	1.09512	6.43E-05	0.13312	-7.51204	0.41699	1.25572	1.25572	0.026228	2.06235	2.06235	0.534685	0.841466	-1.1884	0.84093	0.946329	-1.05672	8.65472	10.3295	1.0609	1
cg26219051	SCUB1	0.0116244	0.441389	1.23903	1.23903	0.0085715	3.45443	3.45443	0.385358	1.27504	1.27504	0.153974	0.799599	-1.25041	0.660772	0.886451	-1.12814	0.164222	0.666827	-1.49964	0.4698844	0.818121	-1.22231	0.0104081	2.4128	2.4128	0.00585875	2.601	2.601	5.63123	6.64799	1.04938	1
cg26629730	SCUB1	0.0235232	0.713589	0.905332	-1.10457	0.200052	0.69406	-1.4408	0.0732721	0.583415	-1.71405	0.196274	1.54198	1.54198	0.0144258	0.648501	-1.54206	0.136039	1.54244	1.54244	0.646354	0.882811	-1.13274	0.0134358	0.248354	2.28361	2.28361	0.194883	1.44761	4.40518	5.12978	1.02463	1
cg25043733	SCUB1	0.0225225	0.558801	0.843443	-1.18612	0.558819	1.19815	1.19815	0.184474	1.585608	-1.63996	0.817878	0.951853	-1.05058	0.00318749	0.291942	-3.42534	0.168853	0.637252	-1.56924	0.0026648	0.280795	-3.56132	0.731926	1.10994	1.10994	0.648821	0.869207	-1.15047	4.21321	6.23714	1.31589	1
cg19582200	SCUB1	0.0386863	0.0694784	0.294006	-3.40129	0.0517988	0.26336	-3.79708	0.0372202	0.232699	-4.29739	0.143681	0.387832	-2.57843	0.00842061	0.131511	-7.60391	0.108214	0.347674	-2.87626	0.00615877	0.159886	-6.62172	0.0814207	0.312097	-3.20414	0.0559301	0.270137	-3.68954	3.72861	21.4632	5.31676	1
cg20930815	SCUBE2;SCUBE2	1.01E-05	1.24E-06	0.11965	-8.3577	0.0731404	0.711966	-1.40456	0.570772	1.10229	1.10229	0.389601	0.860819	-1.16168	1.00E-06	0.112611	-8.88015	0.416518	1.1516	1.1516	0.0396742	1.49834	1.49834	0.432193	1.14598	1.14598	0.00231105	0.498402	2.10193	40.4817	18.5267	0.406806	1
cg18515585	SCUBE2;SCUBE2	0.00114083	0.000124536	0.417759	-2.39184	0.0130125	1.49511	1.49511	0.263639	1.66329	1.66329	0.183427	0.830453	1.20388	0.028338	0.0018897	0.589026	-1.69542	0.0040681	0.604398	-1.65454	0.253161	1.16856	1.16856	0.2703	1.16162	1.16162	0.994485	1.0009	1.1034	3.05814	2.109839	1
cg19000089	SCUBE2;SCUBE2	0.00123306	0.0280633	0.539738	-1.85275	0.118656	0.668571	-1.49573	0.000899228	0.306925	-3.25851	0.045793	1.72325	1.72325	0.000267366	0.241424	-4.14521	0.0239517	0.527151	-1.89699	0.101285	0.652807	-1.53185	0.253725	1.32751	1.32751	0.00142207	0.333813	-2.99568	11.0854	9.91859	0.795327	1
cg10782380	SCUBE2;SCUBE2	0.00664631	0.660943	1.06733	1.06733	0.153301	0.379321	-1.28317	0.447133	1.13462	1.13462	0.197496	1.00461	1.00461	0.000141359	0.342747	-2.9176	0.0090888	1.29254	1.29254	0.0032649	0.664383	-1.50516	0.0627639	0.710767	-1.40693	0.0720391	0.72084	-1.38727	6.72275	2.80889	0.374904	1
cg22627234	SCUBE2;SCUBE2	0.0179672	0.0287717	0.623767	-1.57986	0.10618	0.731426	-1.36719	0.0509207	0.674238	-1.48316	0.248599	1.23835	1.23835	0.0144681	0.807525	-1.23864	0.0900888	1.39254	1.39254	0.0032649	0.215657	2.01567	0.680234	1.07623	1.07623	0.463212	1.14151	1.14151	4.87822	2.42746	0.442331	1
cg19237879	SCUBE2;SCUBE2	0.019783	0.200155	0.516577	-1.93582	0.25215	1.79294	1.79294	0.466113	1.4362	1.4362	0.519466	0.727078	-1.37537	0.0256442	0.27421	-3.64684	0.660628	0.806026	-1.24065	0.00203635	0.119705	-8.35384	0.350941	0.625898	-1.5977	0.153198	0.474006	-2.10968	3.69052	13.9239	3.35368	1
cg00619915	SCUBE2;SCUBE2;PLA6111	0.00438622	0.0310089	0.579029	-1.6572	0.0922383	0.28127	-3.55531	0.0610878	0.239734	-4.17129	0.0178354	0.40903	-2.44481	0.00666918	0.095	-10.5263	0.0999281	1.41244	1.41244	0.0033503	0.4789	-2.08702	0.0215549	0.326335	-3.06475	0.0768199	0.26005	-3.84541	4.56489	26.4535	6.59607	1
cg00347904	SCUBE3	0.00014919	0.442886	0.701968	-1.42457	0.557935	0.764901	-1.30736	0.563662	1.13766	-1.13766	0.621524	0.78845	-1.25243	1.27E-05	0.0157102	-63.653	0.325744	0.631949	-1.58241	0.787084	0.932925	-1.0719	0.950978	1.0282	1.0282	0.392724	1.4859	1.4859	4.90159	34.0074	2.88004	1
cg27426442	SCUBE3	0.0172298	0.4504669	1.14212	1.14212	0.0558019	1.13571	1.13571	0.0965045	0.880923	-1.13571	0.3444	0.863795	1.3444	0.0001	0.18077	-5.53107	0.0553551	1.45329	1.45329	0.0025137	0.2225	4.49507	0.0174448	2.34561	2.34561	0.0434045	0.414564	2.41264	1.84853	4.13602	1.13492	1
cg17619965	SCUBE3	0.0242109	0.0155919	0.214109	-4.67052	0.00600968	0.154775	-6.46098	0.0401415	0.291554	-3.4299	0.280735	0.558378	-1.7909	0.00853644	0.17478	-5.72147	0.0712247	1.350885	-2.84994	0.0132089	0.2026	-4.93583	0.173638	0.47124	-2.12206	0.0364754	0.282669	-3.53771	4.40603	18.8499	3.80284	1
cg08072480	SCYL1;SCYL1	0.00994009	0.05167124	0.467728	-2.138	0.0249882	2.49711	2.49711	?	?	?	0.16482	1.66269	1.66269	0.134558	0.134358	1.73939	1.73939	0.166438	1.65904	1.65904	0.0134233	0.259616	-4.94716	0.731964	1.12521	1.12521	0.830653	0.929151	-1.07625	0.04055	10.0112	1.65733	1
cg21159893	SCYL1;SCYL1	0.0116043	0.0144907	0.2366	-4.22653	0.0135125	1.96877	1.96877	0.0499996	0.5	1.81003	1.81003	1.26365	1.26365	1.29309	1.29309	0.772453	0.709487	-1.41035	0.0615269	0.0162355	0.0032376	0.0032376	0.0032376	0.0032376	0.0032376	0.0032376	0.0032376	-1.26204	0.0032376	0.0032376	0.0032376	0.0032376	1
cg20462888	SCYL1;SCYL1	0.0259982	0.0623107	0.825843	-1.21088	0.646026	1.04307	1.04307	0.453053	1.07219	1.07219	0.0353441	1.25042	1.25042	0.00285345	0.687704	-1.45411	0.455959	0.933101	-1.0717	0.058362	0.822783	-1.21539	0.407258	1.08037	1.08037	0.729955	0.968894	-1.0321	4.29818	0.566105	0.117074	1
cg25165544	SCYL2;DEPDC4	0.00302905	0.00678645	0.381545	-2.62074	0.239374	0.229818	-4.35102	0.0172232	0.144948	0.688386	1.12662	1.22062	0.0100468	0.0004	0.125425	2.11475	0.164829	0.160623	-6.22754	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	1
cg11911934	SCYL2;DEPDC4	0.030621	0.829561	0.76596	-1.02358	0.0163905	0.728177	-1.37329	0.241466	0.875835	-1.14177	0.362361	1.10653	1.10653	0.0777814	0.23608	-4.23608	0.875215	0.983151	-1.01714	0.449485	0.920046	-1.0869	0.999534	1.00006	1.00006	0.00036128	0.153087	1.53087	0.57107	0.75128	0.164599	1
cg03672933	SCYL2;DEPDC4	0.0466319	0.0266827	0.291646	-3.42881	0.762919	0.86766	-1.15253	?	?	?	?	?	?	0.0603414	0.370111	-2.7019	0.00780338	0.201381	-4.9657	0.342569	1.58222	1.58222	0.934215	1.0395	1.0395	0.654351	1.23548	1.23548	3.59651	9.75427	3.0996	1
cg23258063	SCYL3;SCYL3	0.00105799	0.0645397	0.876843	-1.14047	0.0523597	0.86924	-1.14992	0.323348	1.06671	1.06671	0.756E-05	0.592568	-1.68757	0.563201	0.93748	-1.06672	0.0029108	0.771789	-1.29569	0.000672725	0.719434	-1.38998	0.00417412	1.27511	1.27511	0.00184	1.32323	1.32323	19.5809	12.409	0.0564311	1
cg08161205	SCYL3;SCYL3	0.00626256	0.203992	0.785583	-1.27294	0.0023436	0.465166	-2.14792	0.00229461	0.464288	-2.15385	0.140658	0.751791	-1.33016	0.00330551	0.486595	-2.0551	0.723184	0.937985	-1.06612	0.0623138	0.68542	-1.45896	0.775547	1.05281	1.05281	0.0026542	0.473136	-2.11356	6.8479	3.51457	0.456207	1
cg01464489	SCYL3;SCYL3	0.00686948	0.9193313	1.08343	1.08343	0.0188844	0.51843	0.916574	0.0764353	0.525125	0.001448122	0.0009233	0.0003	-3.48082	0.0011784	0.550441	-1.81658	0.0034403	1.15153	1.15153	0.0003707	0.305473	-2.81115	0.0018015	0.903302	-1.10705	0.15196	0.0003	-3.48082	0.0011784	0.550441	-1.81658	0.0034403	1
cg13449727	SCYL3;SCYL3	0.0129699	0.0764402	0.805006	-1.24223	0.223274	1.15122	1.15122	0.00170275	1.63747	1.63747	0.729873	1.03888	1.03888	0.173563	1.17274	1.17274	0.0912401	1.22716	1.22716	0.0368765	0.765837	-1.30576	0.381719	0.905986	-1.10377	0.0384262	1.30209	1.30209	5.43427	1.04238	0.170503	1
cg09549329	SCYL3;SCYL3	0.0147934	0.423019	1.19552	1.19552	0.845338	0.957013	-1.04437	0.831375	1.04855	1.04855	0.187858	1.36376	1.36376	0.0174762	0.513163	-1.9487	0.192608	1.35873	1.35873	0.74956	0.931279	-1.07379	0.00069148	1.1622	1.1622	0.543146	0.872103	1.5045	4.07347	0.695718	1
cg00722695	SCYL3;SCYL3	0.0156093	0.0225023	0.284468	-3.51512	0.0355045	0.379293	-2.63721	0.364074	0.860923	-1.16154	0.0155052	0.648483	-1.54207	0.0115092	0.484887	-2.06193	0.0870114	1.73099	1.73099	0.0162567	0.324078	3.08471	0.0158842	0.644757	-1.5442	0.146191	1.2853	1.13405	3.05046	2.10549	0.36075	1
cg26070450	SCYL3;SCYL3	0.01606226	0.157279	0.780892	-1.28059	0.421421	1.14374	1.14374	0.217872	1.23611	1.23611	0.248071	0.820815	-1.2183	0.99669	0.999322	-1.00068	0.0833151	0.730892	-1.36819	0.000389409	0.396515	-2.52133	0.892763	1.0223	1.0223	0.764035	1.05046	1.05046	5.06441	2.1448	0.376448	1
cg08245509	SCYL3;SCYL3	0.00204605	0.0104064	0.455145	-2.19703	0.128483	0.78312	-1.27703	0.0144356	0.623213	-1.60453	0.0445556	0.672135	-1.48777	0.0029297	0.383442	-2.6077	0.0396317	1.42059	1.42059	0.0030447	0.2426	4.12207	0.0023742	0.726868	-1.37577	0.0414123	0.738203	1.35462	4.98727	2.02194	0.445713	1
cg26890121	SCYL3;SCYL3;C1orf112	9.53E-05	0.0116671	0.716786	-1.39512	0.00262665	0.644051	-1.55267	0.00510298	0.67641	-1.47839	0.00100219	0.483807	-2.06094	8.45E-05	0.479339	2.10898	8.53E-05	0.474372	-2.10805	0.00201873	0.158307	6.31807	0.00103305	1.20712	1.20712	0.189338	0.863393	1.15822	22.4301	1.9647	0.157118	1
cg12513589	SDAD1	0.000415664	0.0118639	0.784361	-1.27492	0.0140551	1.2642	1.2642	0.841098	0.984598	-1.01564	0.348487	1.07749	1.07749	0.0528435	0.843519	-1.18551	0.0086304	0.771865	-1.29556	0.27E-05	0.518866	-1.92728	0.00831533	1.29802	1.29802	0.148755	0.887142	-1.12722	15.04	1.42426	0.0841763	1
cg08707123	SDAD1	0.00546213	0.7380025	1.0549	1.0549	0.0232893	0.53078	-1.88355	0.0160605	0.7178	1.3935	0.0178555	0.4686	2.13507	0.0004804	0.13507	-7.40535	0.0659884	1.1903	1.1903	0.0004631	0.0507437	-1.99702	0.755986	1.04438	1.04438	0.0376959	1.39909	1.39909	3.98683	2.73123	0.271232	1
cg03503471	SDAD1	0.00619477	0.556635	1.11528	1.11528	0.280097	0.813794	-1.22881	0.262733	0.80719	-1.23897	0.744555	1.06181	1.06181	0.0328253	0.470211	2.1267	0.007191	1.89027	1.89027	0.254087	0.280681	-3.56427	0.0120754	0.418977	-2.38677	0.671	3.66479	0.474108	1
cg07884735	SDAD1	0.00585913	0.0504504	0.748055	-1.33677	0.0321445	0.815185	-1.22645	0.0768466	0.641389	-1.55879	0.0455599	0.805609	-1.24137	0.0129579	0.539955	1.85193	0.0092025	1.29511	1.29511	0.0118147	0.772453	1.29511	0.0118147	0.772453	-1.29511	0.0118147	0.772453	-1.29511	0.0118147	0.772453	-1.29511	0.0118147	0.772453	1
cg24835014	SDAD1	0.0133337	0.459	1.27796	1.27796	0.00359183	0.26074	-3.83514	0.00104226	0.186232	-5.36964	0.35313	0.732501	-1.36519	0.296127	1.42388	1.42388	0.956779	1.01774	-1.01774	0.574098	0.831513	-1.20263	0.302919	0.644238	-1.55222	0.275105	1.44858	1.44858	6.07056	9.90463	1.26901	1
cg24796513	SDAD1	0.0279763	0.0277314	0.29776	-3.35926	0.239784	0.923732	-1.08348	0.0388386	0.71662	-1.39555	0.2262	0.810064	1.23455	0.0001	0.11953	-8.36602	0.0168864	1.10203	1.10203	0.0100468	0.574	1.74274	0.0080765	0.683983	-1.46253	0.0274779	0.573234	-1.74435	0.0100465	0.574	1.74274	0.0080765	0.683983	1
cg11631275	SDAD1	0.0392731	0.0413308	0.315777	-3.20763	0.0541994	0.736435	-1.35813	0.0178177	0.637385	-1.56913	0.19419	0.995518	1.0027	0.0222	0.109705	9.11198	0.539878	1.33984	1.33984	0.0188126	0.447959	-2.23235	0.778046	1.14797	1.1497	0.0373149	0.738084	-2.64491	3.70807	0.4056	0.102358	1
cg10235056	SDAD1	0.0465035	0.980379	1.00371	1.00371	0.0189117	0.651725	-1.53439	0.0100874	0.613278	-1.63058	0.297811	1.1765	1.1765	0.961086	0.992679	-1.00738	0.808782	0.964145	-1.03719	0.0265044	1.48606	1.48606	0.885085	1.0219	1.0219	0.88586	1.02187	1.02187	3.48231	1.25095	0.319315	1
cg28338921	SDAD1	0.0492605	0.0154264	0.261451	-3.82491	0.112239	0.628871	-1.59522	0.0008247	0.426288	-2.82851	0.490045	0.790154	-1.26556	0.0001	0.0001	-7.75639	0.0029108	0.771789	-1.29569	0.000672725	0.719434	-1.38998	0.00417412	1.27511	1.27511	0.00184	1.32323	1.32323	19.5809	12.409	0.0564311	1
cg07694848	SDC1;SDC1	0.000302792	4.95E-06	0.031289	-31.9594	0.209468	1.55282	1.55282	0.313112	1.27338	1.27338	0.092887	0.5406	-1.8498	0.185696	0.626975	1.59496	0.187902	0.628612	1.59081	0.25329	0.672381	-1.48725	0.0257869	0.414466	-2.41274	0.585139	0.20344	1.20344	16.4085	28.7625	1.55814	1
cg01744934	SDC1;SDC1	0.00117462	0.00562168	0.31035	-3.22253	0.722113	1.1218	1.1218	0.0175	0.355384	-2.81443	0.0117483	0.363083	-2.75419	7.78E-05	0.100057	-9.99328	0.0725351	0.540349	1.90504	0.00176808	0.174253	-5.73926	0.0171777	0.745072	-1.34215	0.00362611	0.345422	-2.89501	11.2401	6.14561	1.45867	1
cg05127937	SDC1;SDC1	0.0110047	0.217126	0.781858	-1.28001	0.0189881	1.35697	1.35697	0.00788567	1.62672	1.62672	0.18443278	0.875937	-1.14163	0.312617	0.994112	-1.00592	0.753147	1.02213	1.02213	0.202054	1.07878	1.07878	0.04506556	0.852554	-1.17295	0.314491	0.930386	-1.07482	5.73171	0.436825	0.0677438	1
cg09005041	SDC1;SDC1	0.0120388	0.739126	0.959906	-1.04177	0.0147848	0.692634	-1.44376	0.90257	1.01511	1.01511	0.364049	1.12616	1.12616	0.124906	0.815962	-1.22555	0.122728	0.814839	-1.22724	0.00307102	0.0247824	0.49782	-2.00874	0.166215	0.834635	-1.19813	0.0641779	0.775174	-1.29003	5.56766	1.32194	0.211051	1
cg05511886	SDC1;SDC1	0.0506406	0.142598	0.758796	-1.3236	0.27499	0.814825	-1.22813	0.350014	1.1096	1.1096	0.484287	1.13392	1.13392	0.0112	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	1
cg08645880	SDC1;SDC1	0.026947	0.506111	0.871772	-1.14709	0.000855528	2.76993	2.76993	0.896077	1.02694	1.02694	0.0601179	0.649634	-1.53933	0.99283	0.998174	1.00183	0.464367	1.16355	1.16355	0.838704	0.95939	-1.04233	0.775408	0.943475	-1.05991	0.139033	1.3825	1.3825	4.24459	2.78144	0.58248	1
cg14830748	SDC2	0.0274367	0.167272	0.866411	-1.15419	0.0015986	1.55436	1.55436	0.298685	1.31063	1.31063	0.470099	0.9309252	-1.0742	0.85845	0.982762	-1.01754	0.190787	1.17226	1.17226	0.0737254	0.4888	-2.04585	0.0207124	0.689889	-1.44951	0.163726	0.889756	-1.1668	0.0958849	1.36321	13.9938	1.56618	0.0406164	1
cg04757002	SDC3;SDC1;SDC1	0.00585136	?	?	?	0.0902017	0.15193	0.15193	0.291992	1.0827	1.0827	?	?	?	?	?	?	5.35E-06	0.19732	-5.06791	1.83E-06	0.154259	-6.48261	0.0288075	0.666395	-1.50061	0.0542158	0.708964	-1.41051	37.0746	14.5526	0.348009	1
cg23356012	SDC3	1.41E-05	0.00286661	0.524233	-1.90755	0.129955	1.29779	1.29779	6.82E-06	0.207829	-4.81165	0.184198	0.801106	-1.24827	0.0701038	0.727032	-1.37546	0.0024257	0.403153	-2.48015	0.0189313	0.515533	1.93966	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	1
cg27517823	SDC4	2.14E-05	0.00224237	0.446455	-2.23961	0.112239	0.628871	-1.59522	0.0008247	0.426288	-2.82851	0.490045	0.790154	-1.26556	0.0001	0.0001	-7.75639	0.0116051	0.438094	-2.28262	0.000119716	0.172185	-5.80771	0.0044548	0.373529	-2.67717	0.0070347	0.40198	-2.48769	11.6093	11.994	0.963148	1
cg01329309	SDC4	0.0027954	0.429553	1.06124	1.06124	0.0178422	0.272112	-1.13184	0.0004278	0.276842	-3.61299	0.0372183	0.76864	-1.30129	0.0372183	0.4274	-2.33984	0.0001122	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	1
cg08979737	SDC4	0.00695652	0.61279	0.898634	-1.1128	0.680298	1.09065	1.09065	0.722884	0.928147	-1.07742	0.27923	0.790098	-1.26567	0.132687	0.711935	1.40462	0.363927	2.21579	2.21579	0.814E-05	0.229575	-4.35587	0.776135	1.06152	1.06152	0.887006	1.03022	1.03022	6.62798	6.60391	0.617437	1
cg26842303	SDC4	0.01023545	0.734446	1.14069	1.14069	0.238416	0.620386	-1.6119	0.00815366	0.270038	-3.70319	0.715524	1.15201	1.15201	0.0562326	0.434478	-2.30692	0.0444685	0.409726	-2.44065	0.000385148	0.111904	-8.9362	0.576805	0.804179	-1.2435	0.0580217	0.436735	-2.28963	5.86693	13.8891	2.10431	1
cg10303967	SDC4	0.00700891	0.0790021	0.558796	-1.78976	0.0458937	0.152737	-6.54937	0.21505	0.765	-1.30708	0.0372183	0.76864	-1.30129	0.0372183	0.4274	-2.33984	0.0045091	1.74606	1.74606	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001	0.0001	-9.08262	0.0001

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00962740	SDCCAG8	0.0250261	0.250589	0.535273	-1.8682	0.00296705	8.35482	8.35482	0.0174954	4.50683	4.50683	0.406843	1.55539	1.55539	0.220455	0.511379	-1.9555	0.377014	0.623809	-1.60305	0.197938	2.03074	2.03074	0.0421514	3.38291	3.38291	0.819567	1.1263	1.1263	4.35565	18.6951	3.81524	1
cg22514764	SDCCAG8	0.0287624	0.0628033	4.79388	4.79388	0.00490527	16.296	16.296	0.00614115	14.5387	14.5387	0.131619	3.38235	3.38235	0.0609841	4.85994	4.85994	0.0431963	5.70528	5.70528	0.0227129	7.7046	7.7046	0.0604647	4.87933	4.87933	0.103875	3.78646	3.78646	4.14828	36.828	7.89146	1
cg24496088	SDCCAG8	0.0468188	0.178531	0.783658	-1.27607	0.0799418	0.717926	-1.3929	0.0797606	0.717752	-1.39324	0.0134051	0.593152	-1.68591	0.0247397	0.633826	-1.57772	0.982241	0.996211	-1.0038	0.0157413	0.603655	-1.65658	0.289027	1.20649	1.20649	0.253127	0.815811	-1.22577	3.47346	1.60033	0.409537	1
cg05593162	SDCCAG8	0.0497795	0.0302103	0.395687	-2.52725	0.00600279	0.264546	-3.78007	0.0168856	0.344076	-2.90634	0.498873	0.783505	-1.27632	0.0427911	0.429414	-2.32876	0.191446	0.609745	-1.64003	0.726485	0.882851	-1.13269	0.794749	1.09688	1.09688	0.0708022	0.482708	-2.07164	3.68332	7.17971	1.51608	1
cg02998713	SDCCAG8;AKT3	2.22E-05	0.0626717	0.743025	-1.34585	0.177113	0.815936	-1.22559	0.00023252	0.420636	-2.37735	0.00534495	0.594354	-1.6825	3.80E-07	0.126812	-7.88569	0.0190103	0.668561	-1.49575	0.0113637	1.5673	1.5673	0.0235985	0.681614	-1.46711	0.169189	1.23083	1.23083	32.9659	10.4977	0.283059	1
cg00420884	SDCCAG8;AKT3	0.0138082	0.706649	0.937963	-1.06614	0.0264898	1.56141	1.56141	0.0585011	0.696232	-1.4363	0.0288502	1.54735	1.54735	0.0408464	0.670412	-1.49162	0.495935	0.889489	-1.12424	0.00456657	1.89597	1.89597	0.179399	1.27324	1.27324	0.393326	0.862334	-1.15964	5.32395	2.41932	0.40393	1
cg00081019	SDCCAG8;AKT3	0.0472074	0.334541	0.496119	-2.01564	0.139786	3.06182	3.06182	0.0975601	3.59786	3.59786	0.881227	1.11104	1.11104	0.00211402	0.0476549	-20.9842	0.785001	1.21239	1.21239	0.707863	1.30359	1.30359	0.774482	0.816833	-1.22424	0.376099	0.527436	-1.89596	3.46266	27.2022	6.98297	1
cg17131070	SDCCAG8;CEP170;CEP170;CEP170	0.00693003	0.008257	1.66912	1.66912	0.0408471	1.43048	1.43048	0.610087	0.924965	-1.08112	0.753861	1.04886	1.04886	0.00134287	2.0272	2.0272	0.182646	1.23922	1.23922	0.0547006	0.718558	-1.39168	0.00424459	1.78678	1.78678	0.181545	1.23998	1.23998	6.63586	2.41733	0.323807	1
cg08547694	SDCCAG8;CEP170;CEP170;CEP170	0.0120232	0.665548	0.956524	-1.04545	0.012345	1.37494	1.37494	0.164659	1.1636	1.1636	0.0477412	0.793446	-1.26033	0.0482457	0.793975	-1.25949	0.0112231	0.722735	-1.38363	0.255596	0.885768	-1.12896	0.3381	0.903998	-1.1062	0.0190641	1.33646	1.33646	5.57	0.921511	0.147059	1
cg05567236	SDCCAG8;CEP170;CEP170;CEP170	0.0226544	0.00910088	0.190675	-5.24452	0.0607035	0.347342	-2.87901	0.134254	0.445948	-2.24241	0.329904	0.604834	-1.65335	0.00192837	0.11137	-8.97908	0.289538	0.577091	-1.73283	0.0291141	0.276387	-3.61812	0.0213228	0.250655	-3.98955	0.0415892	0.30885	-3.23782	4.5083	17.8559	3.52059	1
cg13605248	SDF2	0.047168	0.486328	1.12972	1.12972	0.0213903	0.620789	-1.61085	0.0272189	0.637201	-1.56936	0.75596	0.947662	-1.05523	0.409107	0.864524	-1.15671	0.623867	0.918307	-1.08896	0.14071	1.31421	1.31421	0.264811	0.818406	-1.22189	0.00862637	0.561306	-1.78156	3.46375	1.63109	0.418581	1
cg11625977	SDF2;SUPT6H	0.00254108	4.19E-05	0.0925353	-10.8067	0.756271	1.09968	1.09968	0.578673	1.18673	1.18673	0.277927	0.708688	-1.41106	0.00680516	0.342965	-2.91575	0.273113	0.706035	-1.41636	0.443067	1.26956	1.26956	0.353442	0.747228	-1.33828	0.988776	0.995716	-1.0043	8.9888	13.2599	1.31125	1
cg06614423	SDF2;SUPT6H	0.0295367	0.311092	0.888035	-1.12608	0.268727	1.13942	1.13942	0.0120029	1.42625	1.42625	0.445305	0.915616	-1.09216	0.549286	0.93365	-1.07106	0.350278	0.89679	-1.11509	0.0157726	0.715216	-1.39818	0.0728391	1.25449	1.25449	0.0574941	1.2756	1.2756	4.10946	0.835556	0.180733	1
cg08853539	SDF2L1	0.010856	0.119123	0.705196	-1.41804	0.0482874	1.59364	1.59364	0.0396078	1.63466	1.63466	0.646861	1.09994	1.09994	0.162771	1.36029	1.36029	0.00414488	0.452166	-2.21158	0.0197827	0.55925	-1.78811	0.440634	0.850107	-1.17632	0.0610661	1.54636	1.54636	5.7569	3.88815	0.600346	1
cg15477600	SDF2L1	0.0188004	0.293153	0.855132	-1.16941	0.0644317	1.34735	1.34735	0.00246671	1.82971	1.82971	0.0427487	1.39754	1.39754	0.191033	1.21979	1.21979	0.661128	1.06535	1.06535	0.0933588	0.767309	-1.30326	0.0763484	0.753553	-1.32705	0.392189	1.13406	1.13406	4.80418	1.567	0.289933	1
cg13515094	SDF2L1	0.0263829	0.0443963	0.653288	-1.53072	0.238383	1.25572	1.25572	0.723354	1.06773	1.06773	0.0277509	0.618973	-1.61558	0.160501	0.758478	-1.31843	0.00186953	0.443292	-2.25585	0.237153	0.795833	-1.25654	0.159585	0.757956	-1.31934	0.525534	1.12594	1.12594	4.27616	2.30267	0.478658	1
cg08524871	SDF2L1	0.0301127	0.0119397	0.508771	-1.96552	0.128335	1.4249	1.4249	0.563098	1.13421	1.13421	0.297214	0.792307	-1.26214	0.975851	0.993501	-1.00654	0.670013	0.911795	-1.09674	0.0174544	0.536152	-1.86514	0.0384982	1.67607	1.67607	0.123169	1.43299	1.43299	4.08139	2.99963	0.653291	1
cg14531564	SDF4;SDF4	0.000831204	0.000441538	0.334837	-2.98653	0.102699	1.42201	1.42201	0.000291515	0.312054	-3.20457	0.00456601	0.474872	-2.10583	0.576554	0.894723	-1.11766	0.023527	1.70467	1.70467	0.167764	1.3363	1.3363	0.0867479	0.688651	-1.45211	0.0109143	0.532578	-1.87766	12.3978	7.63423	0.547354	1
cg03467014	SDF4;SDF4	0.000991751	0.148288	1.44282	1.44282	0.000529261	0.279153	-3.58226	0.00333857	0.388941	-2.57108	0.000989438	0.314394	-3.18073	0.000346308	0.256456	-3.8993	0.438601	0.829633	-1.20535	0.0252729	0.533195	-1.87549	0.186074	1.39296	1.39296	0.102435	0.655406	-1.52577	11.7942	10.4399	0.786817	1
cg05818515	SDF4;SDF4	0.00203229	0.344788	0.909007	-1.1001	0.00019701	0.541454	-1.84688	0.0654595	0.816513	-1.22472	0.0181204	0.754756	-1.32493	0.000305341	0.562672	-1.77724	0.876749	1.01533	1.01533	0.165316	1.15614	1.15614	0.814514	0.977223	-1.02331	0.398462	0.918737	-1.08845	9.59699	1.46096	0.135317	1
cg11727921	SDF4;SDF4	0.0179054	0.0133461	0.703443	-1.42158	0.0791675	0.799571	-1.25067	0.333081	0.891736	-1.12141	?	?	?	0.167395	0.844596	-1.184	0.254388	0.872334	-1.14635	0.00302815	1.59413	1.59413	0.503345	0.925017	-1.08106	0.265517	0.875323	-1.14244	4.97407	0.922284	0.185418	1
cg20014591	SDF4;SDF4	0.0329833	0.670178	0.880835	-1.13529	0.188843	1.51029	1.51029	0.671182	1.13481	1.13481	0.636864	1.15124	1.15124	0.508244	0.819735	-1.21991	0.0038124	0.314897	-3.17564	0.00502026	0.333096	-3.00214	0.69275	1.12481	1.12481	0.553236	0.837245	-1.19439	3.95077	5.48839	1.23484	1
cg10206039	SDF4;SDF4	0.0419785	0.0790808	0.828417	-1.20712	0.293447	1.11095	1.11095	0.0275815	0.777607	-1.286	0.591185	1.05374	1.05374	0.0796067	1.20664	1.20664	0.0226955	1.30127	1.30127	0.138242	0.857196	-1.16659	0.359625	0.913077	-1.0952	0.38288	1.09024	1.09024	3.61801	0.534115	0.131224	1
cg07548512	SDF4;SDF4	0.0476952	0.416258	1.1459	1.1459	0.356627	0.856068	-1.16813	0.379734	0.862692	-1.15916	0.668842	1.07308	1.07308	0.0030774	0.514706	-1.94286	0.039955	0.67761	-1.47578	0.879104	1.02526	1.02526	0.173006	1.2683	1.2683	0.427752	1.14192	1.14192	3.44926	1.46771	0.378236	1
cg13924635	SDF4;SDF4;B3GALT6	0.0367379	0.00478433	6.3731	6.3731	0.00548697	6.08545	6.08545	0.251739	0.553112	-1.80795	0.554951	1.34358	1.34358	0.0995622	2.44189	2.44189	0.202359	1.94585	1.94585	0.109288	2.37173	2.37173	0.405591	1.52323	1.52323	0.260295	1.78732	1.78732	3.79969	14.7203	3.44362	1
cg05264472	SDHA	0.00106657	0.0804276	0.660359	-1.51433	0.0642303	0.640831	-1.56047	0.184169	0.739733	-1.35184	0.0118652	0.510605	-1.95846	2.31E-05	0.16342	-6.11921	0.0985095	0.678603	-1.47362	0.00149877	0.375556	-2.66272	0.398528	0.831129	-1.20318	0.00351503	0.428676	-2.33276	11.5532	8.37924	0.644687	1
cg02738262	SDHA	0.00199726	0.0219349	0.747468	-1.33785	0.261873	0.883494	-1.13187	0.0269217	0.757717	-1.31975	0.326183	0.898231	-1.1133	0.0159412	0.731632	-1.36681	0.000268421	0.530978	-1.88332	0.00347561	1.52185	1.52185	0.960932	0.994827	-1.0052	0.0109982	0.713362	-1.40181	9.64575	1.71249	0.157812	1
cg07751463	SDHA	0.00207921	0.0868343	0.770934	-1.29713	0.125941	1.25581	1.25581	0.0106757	0.643061	-1.55506	0.00249442	0.561008	-1.78251	0.0241862	0.690927	-1.44733	0.335194	0.87222	-1.1465	0.000106972	0.390536	-2.56058	0.380591	0.883626	-1.1317	0.011612	0.647907	-1.54343	9.53331	2.85722	0.266408	1
cg13611997	SDHA	0.00285689	0.0306168	0.546707	-1.82913	0.336008	0.789912	-1.26596	0.00316517	0.383462	-2.60782	0.922567	1.02338	1.02338	0.000193292	0.224982	-4.4448	0.0207957	0.516066	-1.93774	0.00167895	0.343777	-2.90886	0.733706	0.922031	-1.08456	0.0263654	0.534695	-1.87023	8.68311	7.77174	0.795593	1
cg18470904	SDHA	0.0214049	0.0386091	0.532109	-1.87931	0.347681	0.775192	-1.29	0.455485	1.22163	1.22163	0.768844	1.0807	1.0807	0.00279724	0.337916	-2.95932	0.41044	0.801174	-1.24817	0.0538612	0.561888	-1.77971	0.0212265	2.07392	2.07392	0.980288	0.993515	-1.00653	4.59693	5.04949	0.976399	1
cg02517294	SDHA	0.0297826	0.0289262	0.337832	-2.96005	0.332342	0.656142	-1.52406	0.0591841	0.407543	-2.45373	0.25895	0.608808	-1.64255	0.00654649	0.225744	-4.42979	0.0111002	0.261412	-3.82538	0.0213432	0.311739	-3.20781	0.0813712	0.443087	-2.25689	0.0159845	0.28857	-3.46536	4.09739	11.5209	2.49934	1
cg24069048	SDHA	0.0475755	0.411687	0.740789	-1.34991	0.464744	0.766474	-1.30467	0.395266	0.732561	-1.36507	0.0572056	2.15766	2.15766	0.0083656	0.299889	-3.33457	0.159103	1.71245	1.71245	0.166287	1.69487	1.69487	0.162019	1.70521	1.70521	0.196786	1.62873	1.62873	3.45253	6.98637	1.79871	1
cg10425513	SDHA	0.0497954	0.670359	1.07166	1.07166	0.159845	1.27475	1.27475	0.484746	0.891582	-1.1216	0.654291	0.929737	-1.07557	0.0383885	0.67856	-1.47371	0.304605	1.18748	1.18748	0.883188	1.02405	1.02405	0.0166462	1.60411	1.60411	0.0152008	1.6192	1.6192	3.39342	1.40401	0.367774	1
cg19784848	SDHA;CCDC127	0.0482121	0.305209	0.812219	-1.23119	0.00181369	2.3837	2.3837	0.0375644	1.60421	1.60421	0.64558	0.913276	-1.09496	0.881438	1.02967	1.02967	0.644512	0.913004	-1.09529	0.674345	0.920547	-1.08631	0.909776	0.978038	-1.02245	0.991065	1.0022	1.0022	3.43524	2.08781	0.540232	1
cg25468802	SDHAF1	5.46E-05	0.00160561	1.30033	1.30033	0.0694036	1.12512	1.12512	0.470149	0.958253	-1.04357	0.0155116	0.841725	-1.18804	2.74E-05	0.618768	-1.61611	0.0851149	0.895399	-1.11682	4.48E-05	1.56583	1.56583	0.000395515	0.720756	-1.38743	0.270676	1.06883	1.06883	26.0075	1.38745	0.0474204	1
cg05925971	SDHAF1	0.000204921	0.658901	0.895619	-1.11655	0.196568	0.712601	-1.40331	0.29539	0.763934	-1.30901	0.741103	1.08576	1.08576	0.638335	1.12466	1.12466	3.42E-06	0.0662776	-15.0881	0.00027067	0.22721	-4.40121	0.422896	0.816171	-1.22523	0.654953	1.11809	1.11809	18.2505	17.7996	0.866929	1
cg26643967	SDHAF1	0.0033345	0.370338	1.45908	1.45908	0.593253	1.24784	1.24784	0.0170982	3.2994	3.2994	0.470267	1.35211	1.35211	0.00160636	0.155961	-6.41187	0.00217186	0.17088	-5.85207	0.012786	0.280794	-3.56133	0.0139662	0.287418	-3.47925	0.681621	1.1846	1.1846	8.29301	22.1523	2.3744	1
cg15584071	SDHAF1	0.00338478	0.0708158	1.89279	1.89279	0.0416103	2.1012	2.1012	0.0099374	2.79894	2.79894	0.0102814	2.77936	2.77936	0.0072939	0.33498	-2.98525	0.0280095	0.440236	-2.27151	0.730473	0.896456	-1.1155	0.00562198	0.316978	-3.15479	0.644028	1.15844	1.15844	8.25603	13.0635	1.40648	1
cg12381575	SDHAF1	0.00423598	0.00322612	0.632814	-1.58024	0.754273	0.964878	-1.0364	0.88394	1.01677	1.01677	0.57241	0.937112	-1.06711	0.000437457	0.53115	-1.88271	0.92215	1.01119	1.01119	0.0657112	1.26511	1.26511	0.0368166	1.31804	1.31804	0.171989	1.18004	1.18004	7.71778	1.5848	0.182528	1
cg19389372	SDHAF1	0.0080475	0.0303763	0.318674	-3.13801	0.531496	0.752162	-1.3295	0.0316469	3.10216	3.10216	0.0231186	3.38864	3.38864	0.0222857	0.292058	-3.42398	0.0787788	0.415956	-2.4041	0.00474132	0.185357	-5.395	0.0310978	0.320778	-3.11742	0.855437	1.0854	1.0854	6.33234	20.2497	2.84251	1
cg12416033	SDHAF1	0.0136537	0.65663	1.16112	1.16112	0.722714	0.887854	-1.12631	0.176818	0.619209	-1.61496	0.0101919	2.94947	2.94947	0.0150275	0.368646	-2.71263	0.0589894	0.490706	-2.03788	0.0134161	2.77931	2.77931	0.0589301	0.490603	-2.03831	0.339253	0.719751	-1.38937	5.34366	9.43321	1.56916	1
cg17728987	SDHAF1	0.026378	0.824409	0.906636	-1.10298	0.545927	0.763718	-1.30938	0.260231	1.67861	1.67861	0.0107231	0.243082	-4.11384	0.0133721	0.258882	-3.86277	0.0444056	0.361204	-2.76852	0.0436487	0.359507	-2.78158	0.0341255	0.336042	-2.97582	0.200966	1.81433	1.81433	4.27644	13.1761	2.73875	1
cg04579398	SDHAF1	0.0379549	0.193901	0.49715	-2.01146	0.597588	0.762732	-1.31108	0.0457128	3.20493	3.20493	0.0729603	2.76459	2.76459	0.0785796	0.37034	-2.70022	0.0742128	0.363675	-2.7497	0.0329322	0.281292	-3.55502	0.097612	0.396877	-2.51967	0.304073	1.71804	1.71804	3.75477	15.3728	3.63929	1
cg12189851	SDHAF1;SDHAF1	0.000208156	0.0792646	0.854255	-1.17061	9.20E-06	2.17107	2.17107	0.0150278	1.27338	1.27338	0.0354876	0.820421	-1.21889	0.96583	1.00347	1.00347	0.296994	0.916289	-1.09136	0.392647	0.931643	-1.07337	0.268618	0.911048	-1.09764	0.000447104	1.56485	1.56485	18.1731	1.8816	0.0920336	1
cg03226245	SDHAF1;SDHAF1	0.0323746	0.156778	0.86395	-1.15747	0.65421	0.957399	-1.0445	0.685261	0.961419	-1.04013	0.900891	1.0121	1.0121	0.232011	1.12867	1.12867	0.176705	1.14874	1.14874	0.16193	0.865712	-1.15512	0.00784134	0.719304	-1.39023	0.0110185	1.3606	1.3606	3.97727	0.587313	0.13126	1
cg26551346	SDHAF1;SDHAF1	0.0382968	?	?	?	0.883533	0.927821	-1.07779	0.021541	0.220503	-4.53509	0.33877	1.66423	1.66423	?	?	?	?	?	?	0.0410899	0.280668	-3.56293	0.0684168	2.96538	2.96538	?	?	?	4.96068	10.8527	2.62528	1
cg23618595	SDHAF2	0.00576822	0.646282	1.10136	1.10136	0.937501	0.983749	-1.01652	0.315761	1.24199	1.24199	0.00104259	2.75685	2.75685	0.122408	1.41872	1.41872	0.00630051	2.10303	2.10303	0.498806	1.15425	1.15425	0.000456444	3.16914	3.16914	0.0906804	1.47614	1.47614	7.02396	4.8559	0.614519	1
cg05218210	SDHAF2	0.0318212	0.0032254	0.150069	-6.66359	0.299871	0.602269	-1.66039	0.313071	0.611125	-1.63633	0.986633	1.00794	1.00794	0.0333633	0.309275	-3.23337	0.0775843	0.396207	-2.52393	0.00817616	0.202443	-4.93967	0.813878	0.894666	-1.11774	0.0374296	0.319902	-3.12596	4.00189	14.1176	3.13575	1
cg21566548	SDHAF2;CPSF7;CPSF7;CPSF7	8.19E-05	0.111406	1.14125	1.14125	0.00213451	1.38926	1.38926	0.84255	1.01527	1.01527	0.0788524	0.861826	-1.16033	0.144188	1.12698	1.12698	0.000402276	1.53543	1.53543	4.55E-05	0.555742	-1.7994	0.000751493	1.47627	1.47627	0.00011118	1.67856	1.67856	23.3525	2.14738	0.0817378	1
cg00504248	SDHAP1	0.00277527	0.566706	1.07205	1.07205	0.00322664	1.62058	1.62058	0.000919357	1.81293	1.81293	0.022122	1.39047	1.39047	0.0728619	1.27174	1.27174	0.000172591	2.15212	2.15212	0.209209	1.17237	1.17237	0.722625	1.04375	1.04375	0.0448931	1.31859	1.31859	8.75793	2.00209	0.203203	1
cg25931138	SDHAP1	0.00346997	0.0711391	2.22887	2.22887	0.000508304	8.66554	8.66554	0.0230306	2.9472	2.9472	0.202613	1.70717	1.70717	0.0691611	0.445533	-2.2445	0.159639	1.81755	1.81755	0.00101827	6.93915	6.93915	0.0473704	2.46455	2.46455	0.0141295	3.33392	3.33392	8.19491	20.5184	2.22559	1
cg17179792	SDHAP1	0.005941	0.44876	0.925104	-1.08096	0.00397388	1.4778	1.4778	0.113626	1.18959	1.18959	0.133993	0.849608	-1.17701	0.000620812	1.70079	1.70079	0.135861	0.850371	-1.17596	0.34842	0.907235	-1.10225	0.203037	1.14513	1.14513	0.348781	0.907305	-1.10217	6.96035	1.12114	0.143177	1
cg20120631	SDHAP1	0.0165196	0.0869516	0.662584	-1.50924	0.282772	1.2751	1.2751	0.169394	1.37542	1.37542	0.320376	0.799656	-1.25054	0.00250466	0.400798	-2.49502	0.0230902	0.553456	-1.80683	0.0348619	0.585392	-1.70826	0.200501	1.34236	1.34236	0.116989	0.690181	-1.44889	5.01729	3.76763	0.667492	1
cg18544740	SDHAP1	0.0240352	0.239162	0.593003	-1.68633	0.791207	1.11905	1.11905	0.812623	0.904236	-1.10591	0.418148	0.704178	-1.4201	0.0251524	0.323385	-3.09229	0.150444	0.52028	-1.92204	0.00256458	0.169862	-5.88713	0.00381078	0.191273	-5.22814	0.0787685	0.437112	-2.28774	4.41716	12.5717	2.52987	1
cg12893428	SDHAP1	0.0321038	0.265223	0.785896	-1.27243	0.0874486	0.67604	-1.4792	0.0396271	0.610335	-1.63844	0.978508	1.00561	1.00561	0.0259726	0.577862	-1.73052	0.0885201	1.47686	1.47686	0.51015	1.14869	1.14869	0.261135	0.784132	-1.2753	0.00544424	0.46824	-2.13566	3.98925	2.72042	0.606166	1
cg12696929	SDHAP2	0.0083216	0.653907	0.801872	-1.24708	0.696636	1.2113	1.2113	0.418854	0.667535	-1.49805	0.69934	0.827057	-1.20911	0.00316472	0.139061	-7.19108	0.00353751	0.144493	-6.92074	0.00145002	0.105255	-9.5007	0.838048	1.10532	1.10532	0.0159677	0.236096	-4.23556	6.26585	23.7568	3.3702	1
cg01174269	SDHAP2	0.021004	0.136246	0.752517	-1.32887	0.0289381	1.57793	1.57793	0.00212516	2.14847	2.14847	0.0369687	1.53584	1.53584	0.389074	0.855275	-1.16921	0.389892	1.16888	1.16888	0.802696	1.04534	1.04534	0.253908	0.809762	-1.23493	0.490484	0.883335	-1.13207	4.62673	2.29859	0.441606	1
cg24789503	SDHAP2	0.0281557	0.0172245	1.32077	1.32077	0.242438	0.889337	-1.12443	0.007472	1.39122	1.39122	0.488973	1.06971	1.06971	0.24514	1.12361	1.12361	0.034728	1.26615	1.26615	0.138055	0.858053	-1.16543	0.0852005	1.20015	1.20015	0.0958479	1.19166	1.19166	4.17961	0.60838	0.129386	1
cg15646411	SDHAP2	0.0372472	0.403886	0.778045	-1.28527	0.460983	0.802089	-1.24674	0.422864	1.27194	1.27194	0.00936011	0.379726	-2.63348	0.187396	0.663284	-1.50765	0.872063	1.04849	1.04849	0.0224321	0.447703	-2.23363	0.495512	0.815992	-1.2255	0.00410814	0.322658	-3.09926	3.78067	5.16967	1.21546	1
cg23189951	SDHAP3	0.0220226	0.0468814	0.628077	-1.59216	0.856617	1.03767	1.03767	0.91849	1.02115	1.02115	0.909327	0.976979	-1.02356	0.0555718	0.641783	-1.55816	0.0297773	0.592845	-1.68678	0.405097	0.840178	-1.19022	0.00507224	0.468891	-2.13269	0.00273776	0.42941	-2.32878	4.55234	3.01318	0.588353	1
cg03861428	SDHB	0.0048112	0.143669	0.615203	-1.62548	0.24326	1.45869	1.45869	0.235343	1.46897	1.46897	0.0391035	2.09235	2.09235	0.0650245	1.89761	1.89761	0.333856	1.36097	1.36097	0.000211418	0.14735	-6.78658	0.707863	1.12344	1.12344	0.215826	1.49596	1.49596	7.42524	11.243	1.34592	1
cg08737815	SDHB	0.013709	0.0107085	0.270898	-3.69142	0.432844	0.729727	-1.37038	0.0104958	0.269382	-3.7122	0.282566	0.643534	-1.55392	0.0013184	0.142036	-7.04049	0.158873	0.550424	-1.81678	0.00568072	0.225831	-4.42809	0.819511	1.09386	1.09386	0.0620192	0.431671	-2.31658	6.01074	14.3523	1.85716	1
cg11678423	SDHB	0.037064	0.978143	0.992367	-1.00769	0.828805	0.941228	-1.06244	0.00167011	0.284392	-3.51627	0.645712	0.878556	-1.13823	0.194752	0.681376	-1.46762	0.00748777	0.381772	-2.61936	0.294216	0.73764	-1.35568	0.167921	0.662949	-1.50841	0.969141	1.01088	1.01088	3.78748	4.69281	1.10136	1
cg09895189	SDHB	0.0374259	0.17082	0.596108	-1.67755	0.00433004	3.86784	3.86784	0.0247821	2.58045	2.58045	0.760567	1.11452	1.11452	0.773416	0.902667	-1.10783	0.0474094	2.23571	2.23571	0.44391	0.758144	-1.31901	0.408424	0.740866	-1.34977	0.933573	0.970862	-1.03001	3.77407	7.52135	1.77147	1
cg08716396	SDHC;SDHC;LOC642502;SDHC;SDHC	0.0182029	0.940464	0.971562	-1.02927	0.369426	0.700449	-1.42766	0.294919	1.52128	1.52128	0.0104196	3.47561	3.47561	0.110862	0.511228	-1.95607	0.16165	0.561436	-1.78115	0.00443757	0.230768	-4.33336	0.0465042	0.414509	-2.41249	0.113714	0.514423	-1.94393	4.85677	11.4753	2.10021	1
cg13788685	SDHC;SDHC;LOC642502;SDHC;SDHC	0.0183504	0.0500126	0.161882	-6.17733	0.0763337	0.200581	-4.98552	0.0393528	0.14339	-6.97397	0.845975	1.1717	1.1717	0.0109311	0.0740923	-13.4967	0.0494347	0.160933	-6.21376	0.00400684	0.0428254	-23.3506	0.0056981	0.0521246	-19.1848	0.0613125	0.179464	-5.57213	4.84359	50.9223	9.34519	1
cg04311699	SDHC;SDHC;SDHC;SDHC;LOC642502	0.0052663	0.0092763	2.18822	2.18822	0.188887	1.39122	1.39122	0.281146	1.30435	1.30435	0.00161734	0.342312	-2.92131	0.00845816	0.450458	-2.21996	0.239786	0.746787	-1.33907	0.321052	1.27531	1.27531	0.446883	0.832022	-1.20189	0.0200029	0.513814	-1.94623	7.22308	6.43665	0.792108	1
cg00576014	SDHC;SDHC;SDHC;SDHC;LOC642502	0.0158678	0.200848	0.73643	-1.3579	0.865467	1.03915	1.03915	0.388454	1.2216	1.2216	0.26525	0.768806	-1.30072	0.643189	1.11142	1.11142	0.00221534	0.378721	-2.64047	0.00507288	2.31394	2.31394	0.377563	0.814621	-1.22756	0.143107	0.700214	-1.42813	5.085	4.12991	0.721933	1
cg11815388	SDHD;TIMM8B;TIMM8B	0.027973	0.0473821	2.32768	2.32768	0.487169	1.30073	1.30073	0.462375	1.32133	1.32133	0.00247974	0.208767	-4.79002	0.22349	0.621048	-1.61018	0.418218	0.734848	-1.36083	0.207211	0.609338	-1.64113	0.413692	1.3651	1.3651	0.0984462	1.96394	1.96394	4.18921	9.20338	1.95282	1
cg06956786	SDK1	7.79E-06	1.63E-05	4.18136	4.18136	0.000216804	0.369819	-2.70402	0.00011233	2.98677	2.98677	0.00178698	2.04753	2.04753	0.000907248	0.449328	-2.22555	0.0389002	1.47028	1.47028	5.69E-05	0.299755	-3.33606	4.30E-05	3.50016	3.50016	0.0492757	0.696437	-1.43588	43.2824	17.8154	0.365875	1
cg02491557	SDK1	1.83E-05	7.50E-05	0.479091	-2.08729	0.486171	1.07512	1.07512	0.000102768	0.494777	-2.02111	0.000647747	0.585362	-1.70834	2.09E-06	0.302742	-3.30315	3.58E-05	0.4422	-2.26142	0.00743072	1.42322	1.42322	0.0569324	0.802094	-1.24674	0.0112976	0.722695	-1.38371	34.6715	5.75359	0.147507	1
cg24061597	SDK1	0.000102154	0.431152	0.930422	-1.07478	0.0562501	0.823621	-1.21415	0.000672283	0.62696	-1.595	0.000130983	0.551056	-1.8147	0.0458388	1.22808	1.22808	5.21E-05	0.507104	-1.97198	0.000205292	1.74767	1.74767	0.796499	1.02347	1.02347	0.943437	1.00639	1.00639	22.0147	2.80888	0.113414	1
cg22871796	SDK1	0.000123249	2.34E-06	0.210225	-4.75681	0.209532	0.835768	-1.1965	0.00181105	0.547911	-1.82511	0.492201	0.909719	-1.09924	0.116838	0.793658	-1.25999	0.135533	1.24386	1.24386	0.00658252	1.61389	1.61389	0.364887	0.881358	-1.13461	0.141077	0.80677	-1.23951	20.9344	6.10051	0.259032	1
cg22703520	SDK1	0.000145208	0.000623021	0.295049	-3.38927	0.087956	1.5476	1.5476	0.00526842	0.426057	-2.34711	0.0155517	0.50253	-1.98993	0.0529817	0.600504	-1.66527	0.000388602	0.2693	-3.71333	0.0167252	0.507964	-1.96864	3.78E-05	6.26051	6.26051	0.135012	0.688213	-1.45304	20.0314	17.0621	0.757128	1
cg09734932	SDK1	0.000303052	0.34038	1.18337	1.18337	0.000175294	0.335973	-2.97643	0.0756036	0.712541	-1.40343	0.928627	0.984765	-1.01547	2.65E-05	0.240797	-4.15287	0.0458763	0.675598	-1.48017	0.0140563	1.68124	1.68124	0.574746	1.10202	1.10202	0.00477777	0.526312	-1.90001	16.4046	7.62912	0.413386	1
cg05864564	SDK1	0.000545255	0.820274	0.95481	-1.04733	0.000512491	0.332127	-3.0109	0.127848	0.715673	-1.39729	0.000202651	0.281851	-3.54797	0.203957	1.31318	1.31318	0.000225688	0.287503	-3.47823	0.100447	1.4415	1.4415	0.00284463	0.433984	-2.30423	0.0688652	0.661166	-1.51248	13.9507	9.12408	0.581354	1
cg15466606	SDK1	0.000800591	0.832531	0.969668	-1.03128	0.000227397	0.41013	-2.43825	0.968749	1.00571	1.00571	0.0013825	0.509379	-1.96317	0.364239	0.873171	-1.14525	0.44607	1.11961	1.11961	0.00186934	1.89985	1.89985	0.0044568	1.73637	1.73637	0.189359	0.816902	-1.22414	12.5295	4.19875	0.297875	1
cg06110701	SDK1	0.00105634	0.000463201	0.496958	-2.01224	0.149467	1.21676	1.21676	0.137797	0.816391	-1.2249	0.143258	0.818994	-1.22101	0.765196	1.03875	1.03875	0.00270992	1.69187	1.69187	0.00226491	1.71985	1.71985	0.0152059	0.684908	-1.46005	0.0346065	1.36717	1.36717	11.5849	2.95654	0.22685	1
cg09424595	SDK1	0.00180826	0.174425	0.868191	-1.15182	0.00328305	0.675728	-1.47989	0.00642162	0.706901	-1.41462	0.21245	0.879424	-1.13711	0.113943	0.845142	-1.18323	0.93578	1.00792	1.00792	0.000171194	1.86807	1.86807	0.17007	0.86678	-1.15369	0.961673	0.99531	-1.00471	9.92859	1.50522	0.13476	1
cg02716317	SDK1	0.00184542	0.212876	1.3321	1.3321	0.000155208	4.12102	4.12102	0.713307	1.084	1.084	0.772099	0.938495	-1.06554	0.00942156	0.487054	-2.05316	0.625424	1.11354	1.11354	0.0426984	0.600515	-1.66524	0.00281029	2.45904	2.45904	0.279372	1.27867	1.27867	9.87014	7.46863	0.672612	1
cg12777588	SDK1	0.00210549	0.000159249	0.505503	-1.97823	0.0234767	0.75123	-1.33115	0.00750502	0.695092	-1.43866	0.109511	0.831585	-1.20252	0.00267078	0.64473	-1.55104	0.111403	0.832541	-1.20114	0.0370591	0.774222	-1.29162	0.358398	0.905001	-1.10497	0.000625526	0.573522	-1.74361	9.49842	1.68051	0.157267	1
cg06332777	SDK1	0.00214517	0.753442	0.88689	-1.12753	0.00407688	0.230271	-4.34271	0.000247307	0.0997189	-10.0282	0.542942	0.790901	-1.26438	0.000646754	0.136229	-7.3406	0.0184757	0.336709	-2.96992	0.286583	0.656029	-1.52432	0.920124	1.03895	1.03895	0.00442734	0.235322	-4.2495	9.44675	21.711	2.04289	1
cg03457472	SDK1	0.00260728	0.00665619	0.498183	-2.0073	0.00697389	0.501265	-1.99495	0.00174054	0.41333	-2.41937	0.889068	0.972761	-1.028	0.000454092	0.335096	-2.98422	0.81932	0.955735	-1.04631	0.0301913	0.603888	-1.65594	0.00132543	0.396932	-2.51932	0.131467	0.724541	-1.38018	8.92093	5.53247	0.551259	1
cg20943076	SDK1	0.00272212	0.0581057	0.80067	-1.24895	0.0100911	1.40067	1.40067	0.0877011	0.822302	-1.2161	0.0141536	0.730348	-1.36921	0.000438872	0.561876	-1.77975	0.0150496	0.733334	-1.36364	0.527541	1.0687	1.0687	0.110731	1.19767	1.19767	0.0757203	0.814492	-1.22776	8.80814	1.50294	0.151672	1
cg08102516	SDK1	0.00346767	0.0271325	0.519132	-1.92629	0.0348624	1.85222	1.85222	0.00473711	0.3905	-2.56082	0.0111689	0.450628	-2.21913	0.0413801	0.55451	-1.80339	0.203192	0.714136	-1.40029	0.00109618	0.299135	-3.34298	0.966791	0.989619	-1.01049	0.0031557	0.363797	-2.74878	8.19653	8.15564	0.884454	1
cg11082847	SDK1	0.00447723	0.00428988	0.531211	-1.88249	0.0119225	0.594717	-1.68147	0.0710258	1.39655	1.39655	0.322239	0.844217	-1.18453	0.00124268	0.457747	-2.18461	0.0474808	0.686968	-1.45567	0.163167	1.27954	1.27954	0.996789	1.00067	1.00067	0.00992828	0.583113	-1.71493	7.58939	3.29671	0.386119	1
cg05529686	SDK1	0.00697279	0.100435	1.7132	1.7132	0.0189101	0.427226	-2.34068	0.0546144	0.520881	-1.91982	0.811316	0.930954	-1.07417	0.000757663	0.21712	-4.60574	0.139316	0.621286	-1.60957	0.580758	1.18161	1.18161	0.28205	1.39714	1.39714	0.00717396	0.35401	-2.82478	6.62316	9.38759	1.2599	1
cg12602711	SDK1	0.0071025	0.224007	0.747608	-1.3376	0.0452153	0.592642	-1.68736	0.165803	0.714236	-1.4001	0.369764	0.810793	-1.23336	0.000172685	0.233969	-4.27406	0.0465655	0.595113	-1.68035	0.0512809	0.603284	-1.65759	0.953651	1.01332	1.01332	0.0069173	0.45115	-2.21656	6.58519	5.40781	0.729963	1
cg20258934	SDK1	0.00861313	0.0674471	0.712178	-1.40414	0.00113592	2.21015	2.21015	0.142578	1.29834	1.29834	0.096034	0.738753	-1.35363	0.0277312	1.53883	1.53883	0.268081	0.826052	-1.21058	0.0466521	1.45845	1.45845	0.5	1.1201	1.1201	0.0477711	1.4549	1.4549	6.19805	2.69372	0.386318	1
cg18850427	SDK1	0.00874603	0.356821	0.807098	-1.23901	0.0248758	0.546737	-1.82903	0.00152306	0.356228	-2.80719	0.546806	1.14785	1.14785	0.00493715	0.430862	-2.32093	0.693039	1.09386	1.09386	0.00281899	0.394405	-2.53547	0.767757	0.935225	-1.06926	0.138684	0.697361	-1.43398	6.16809	4.99561	0.719921	1
cg00069391	SDK1	0.00929268	0.127148	0.697807	-1.43306	0.031394	1.73428	1.73428	0.314878	1.25442	1.25442	0.0138754	0.515269	-1.94073	0.000927809	0.340111	-2.94022	0.172242	0.72841	-1.37285	0.87368	1.03531	1.03531	0.189097	0.738281	-1.3545	0.054861	0.621942	-1.60787	6.05054	4.5584	0.669677	1
cg17176209	SDK1	0.0108486	0.132972	1.42349	1.42349	0.00418658	0.433554	-2.30652	0.00282657	0.408282	-2.44929	0.814961	0.950214	-1.05239	0.0222166	0.550409	-1.81683	0.802221	0.946797	-1.05619	0.741696	1.07471	1.07471	0.530299	1.14853	1.14853	0.0154151	0.523317	-1.91089	5.75816	4.32739	0.66802	1
cg17430781	SDK1	0.0111662	0.304209	1.14866	1.14866	0.132726	1.23528	1.23528	0.00315778	0.591321	-1.69113	0.179451	1.2041	1.2041	0.0267115	1.40771	1.40771	0.833668	1.02777	1.02777	0.00754094	1.56488	1.56488	0.192018	0.835369	-1.19708	0.101186	1.26338	1.26338	5.70487	1.53288	0.238842	1
cg11859398	SDK1	0.0111951	0.27245	0.703334	-1.4218	0.25974	1.4365	1.4365	0.3574	0.747062	-1.33858	0.0641672	0.526847	-1.89808	0.0035962	0.296832	-3.36891	0.31185	0.724451	-1.38036	0.00188343	0.257278	-3.88684	0.239547	1.46147	1.46147	0.0146267	0.396045	-2.52497	5.70012	8.56914	1.33629	1
cg27381557	SDK1	0.011329	0.814028	0.966227	-1.03495	0.971421	0.99479	-1.00524	0.00151116	0.513582	-1.94711	0.059367	0.733214	-1.36386	0.0356735	0.700155	-1.42825	0.338038	1.15488	1.15488	0.0470783	1.39281	1.39281	0.308253	1.16621	1.16621	0.0505957	1.38375	1.38375	5.67828	1.91169	0.29926	1
cg13375629	SDK1	0.0126446	0.171731	1.3209	1.3209	0.0378225	1.58522	1.58522	0.0876372	0.697214	-1.43428	0.764884	1.05905	1.05905	0.00459456	0.485943	-2.05785	0.0780019	0.687554	-1.45443	0.0366524	1.59116	1.59116	0.282038	1.23844	1.23844	0.0467066	0.646845	-1.54597	5.47948	3.1757	0.515166	1
cg07683594	SDK1	0.0134225	0.034491	0.343215	-2.91363	0.25656	0.598349	-1.67127	0.00779056	0.227261	-4.40023	0.778295	1.13022	1.13022	0.00113812	0.125479	-7.96947	0.0651125	0.407324	-2.45505	0.00680205	0.218531	-4.57601	0.260895	0.601379	-1.66284	0.0959146	0.452457	-2.21015	5.37364	16.0074	2.64788	1
cg16250868	SDK1	0.0141099	0.0143769	0.352126	-2.83989	0.126966	0.564965	-1.77002	0.347476	0.715605	-1.39742	0.0568885	0.474535	-2.10733	0.0248735	0.397078	-2.5184	0.0685026	0.493888	-2.02475	0.0039764	0.261978	-3.81711	0.157092	1.68783	1.68783	0.00557112	0.283793	-3.5237	5.28628	10.0182	1.68457	1
cg11612098	SDK1	0.0183723	0.334983	1.25427	1.25427	0.000857894	0.319571	-3.12919	0.275547	0.772237	-1.29494	0.548729	1.14827	1.14827	0.290426	1.28402	1.28402	0.690028	1.09565	1.09565	0.629592	1.1171	1.1171	0.0347759	1.75187	1.75187	0.231059	0.751072	-1.33143	4.84165	3.98115	0.730909	1
cg27005946	SDK1	0.0188145	0.775849	0.913185	-1.09507	0.478053	0.794962	-1.25792	0.0318979	0.449358	-2.2254	0.968463	1.01266	1.01266	0.00526279	0.310175	-3.22398	0.00714895	0.331204	-3.01929	0.332399	1.37453	1.37453	0.0670552	1.9213	1.9213	0.0769576	0.534902	-1.8695	4.80296	7.69847	1.42476	1
cg05316911	SDK1	0.0196371	0.956012	1.00955	1.00955	0.748945	0.946169	-1.05689	0.00538149	0.531784	-1.88046	0.249773	1.23032	1.23032	0.0219699	0.622768	-1.60574	0.370312	1.1718	1.1718	0.295646	1.2055	1.2055	0.468551	0.880652	-1.13552	0.00437202	0.518918	-1.92709	4.7339	2.2266	0.41809	1
cg21053935	SDK1	0.0211865	0.715785	0.954689	-1.04746	0.0426567	1.34439	1.34439	0.656793	0.944867	-1.05835	0.743012	1.0426	1.0426	0.88802	1.01803	1.01803	0.0298474	0.723159	-1.38282	0.00128569	1.81315	1.81315	0.303096	0.87348	-1.14485	0.952094	0.99241	-1.00765	4.61308	1.17489	0.226389	1
ch.7.163474F	SDK1	0.0221962	0.0299725	0.395996	-2.52528	0.00238244	0.215147	-4.64799	0.264388	0.655708	-1.52507	0.00212196	0.208684	-4.79193	0.162903	0.582525	-1.71667	0.0987058	0.518474	-1.92874	0.238014	0.63864	-1.56583	0.823194	0.922018	-1.08458	0.224188	0.629242	-1.58921	4.54008	9.46421	1.85297	1
cg01310605	SDK1	0.022849	0.882307	0.953446	-1.04883	0.689648	1.13789	1.13789	0.00153795	0.230731	-4.33405	0.655657	1.15538	1.15538	0.00596743	0.314502	-3.17963	0.153201	0.611275	-1.63593	0.267863	1.44979	1.44979	0.953066	1.01912	1.01912	0.695806	0.88122	-1.13479	4.49505	7.37247	1.45789	1
cg19868125	SDK1	0.0231675	0.824592	1.03201	1.03201	0.0579282	1.35567	1.35567	0.168848	0.812123	-1.23134	0.15425	1.24171	1.24171	0.128493	0.791974	-1.26267	0.00475604	1.70259	1.70259	0.0402302	1.39995	1.39995	0.0750389	0.754712	-1.32501	0.941006	1.01056	1.01056	4.47365	1.4277	0.283676	1
cg14414971	SDK1	0.0239159	0.852206	1.04162	1.04162	0.000523786	0.306634	-3.26122	0.740918	0.930015	-1.07525	0.27204	1.28403	1.28403	0.504764	1.15951	1.15951	0.560786	1.13725	1.13725	0.649591	1.10519	1.10519	0.136253	0.703961	-1.42053	0.346587	0.809012	-1.23608	4.42477	3.35077	0.673133	1
cg04902838	SDK1	0.0239996	0.871227	1.03868	1.03868	0.00247159	2.67644	2.67644	0.00735581	2.24368	2.24368	0.64644	1.1141	1.1141	0.570547	0.8745	-1.14351	0.454771	0.836852	-1.19495	0.0442596	1.71697	1.71697	0.287538	0.772349	-1.29475	0.364701	1.24345	1.24345	4.41942	3.83029	0.770396	1
cg24978805	SDK1	0.0249183	0.209568	0.872712	-1.14585	0.00998032	1.39787	1.39787	0.0442079	1.26867	1.26867	0.0512946	1.25667	1.25667	0.0573098	0.801414	-1.24779	0.0240004	1.31942	1.31942	0.673299	1.04463	1.04463	0.431448	1.08618	1.08618	0.36725	0.909051	-1.10005	4.36219	0.732252	0.149212	1
cg06674280	SDK1	0.0270207	0.549146	1.1196	1.1196	0.675866	0.924623	-1.08152	0.858588	1.0338	1.0338	0.000896123	0.395868	-2.52609	0.876126	0.971345	-1.0295	0.0955505	1.40671	1.40671	0.0885945	1.41923	1.41923	0.874206	1.02997	1.02997	0.80476	1.04724	1.04724	4.24052	2.33281	0.488998	1
cg23320454	SDK1	0.0274022	0.0560331	0.504103	-1.98372	0.0846002	0.546788	-1.82886	0.00530587	0.312603	-3.19895	0.175129	0.633577	-1.57834	0.00269023	0.269103	-3.71604	0.203345	0.653799	-1.52952	0.352571	0.738785	-1.35357	0.928226	0.971889	-1.02892	0.0255091	0.431698	-2.31643	4.2197	6.69397	1.4101	1
cg04540512	SDK1	0.0297662	0.17232	0.750978	-1.3316	0.346212	1.21075	1.21075	0.0189482	0.571102	-1.751	0.817853	1.04653	1.04653	0.00412349	0.468401	-2.13492	0.0200753	0.575231	-1.73843	0.358437	1.20463	1.20463	0.117701	0.715372	-1.39787	0.413982	0.848204	-1.17896	4.0982	2.52261	0.547148	1
cg22326929	SDK1	0.0300754	0.13454	1.25848	1.25848	0.136241	1.25703	1.25703	0.39757	0.883888	-1.13136	0.12598	0.789852	-1.26606	0.131025	0.792688	-1.26153	0.2484	0.842041	-1.18759	0.00454617	1.71357	1.71357	0.114818	0.78322	-1.27678	0.305033	0.859553	-1.1634	4.08319	1.31297	0.285826	1
cg07315168	SDK1	0.0322136	0.934567	1.01381	1.01381	0.533122	0.899947	-1.11118	0.0942204	0.735459	-1.35969	0.40434	0.86719	-1.15315	0.646558	1.08016	1.08016	0.211086	1.24613	1.24613	0.000922987	2.28526	2.28526	0.91378	0.982075	-1.01825	0.952256	1.01005	1.01005	3.98438	1.75994	0.392631	1
cg05627727	SDK1	0.0362986	0.7022	1.103	1.103	0.148311	1.48537	1.48537	0.531727	0.850747	-1.17544	0.289205	1.3241	1.3241	0.759828	1.08138	1.08138	0.0680893	1.68429	1.68429	0.090414	1.60978	1.60978	0.803692	0.938424	-1.06562	0.00263117	0.345621	-2.89334	3.81636	3.93561	0.916664	1
cg08242194	SDK1	0.0386159	0.272253	0.67545	-1.4805	0.141582	0.581172	-1.72066	0.0703219	0.499272	-2.00292	0.159462	0.596777	-1.67567	0.00216044	0.227989	-4.38617	0.649543	0.854642	-1.17008	0.288566	1.45977	1.45977	0.815083	0.92271	-1.08376	0.022859	0.39259	-2.54719	3.73111	6.96647	1.65967	1
cg17756105	SDK1	0.0416129	0.00889189	0.195818	-5.10677	0.333553	0.613533	-1.6299	0.14033	0.459794	-2.17489	0.0840227	0.392048	-2.55071	0.0115602	0.212952	-4.69589	0.259537	0.562092	-1.77907	0.0217978	0.259653	-3.8513	0.471446	1.43159	1.43159	0.0541248	0.342802	-2.91713	3.62976	13.7908	3.37722	1
cg12160424	SDK1	0.043907	0.318149	1.36144	1.36144	0.848538	1.05884	1.05884	0.665434	0.87801	-1.13894	0.652255	1.14528	1.14528	0.0101255	0.37906	-2.6381	0.808578	0.929993	-1.07528	0.009194	2.6884	2.6884	0.106148	1.69499	1.69499	0.189447	1.51536	1.51536	3.55808	5.03895	1.25884	1
cg07005020	SDK1;SDK1	1.30E-05	0.00136248	0.341084	-2.93183	0.209428	1.35814	1.35814	0.0126541	0.488123	-2.04867	0.126198	0.681915	-1.46646	3.53E-07	0.0333087	-30.0222	0.854986	0.958551	-1.04324	8.13E-06	0.10479	-9.5429	0.439242	1.20027	1.20027	0.384325	0.813506	-1.22925	37.9154	32.1524	0.753782	1
cg10485243	SDK1;SDK1	7.42E-05	0.689825	1.03826	1.03826	2.49E-06	0.343808	-2.9086	0.637468	1.04543	1.04543	0.00644587	1.39318	1.39318	0.0121712	1.3397	1.3397	0.494852	1.06703	1.06703	0.000534502	1.65602	1.65602	0.664492	0.959979	-1.04169	0.699249	1.037	1.037	23.9741	3.32629	0.123329	1
cg27574739	SDK1;SDK1	0.000238341	0.339065	1.08312	1.08312	0.00107921	0.676287	-1.47866	0.0270669	0.808911	-1.23623	0.511663	0.947494	-1.05542	0.40207	1.07196	1.07196	7.08E-05	1.79906	1.79906	7.08E-05	1.79899	1.79899	0.935241	1.00661	1.00661	0.614286	1.04204	1.04204	17.5163	1.82155	0.0924367	1
cg26734522	SDK1;SDK1	0.000299206	0.0361122	0.752078	-1.32965	0.000140776	0.463883	-2.15572	0.00029503	0.501973	-1.99214	0.0399342	0.757598	-1.31996	0.0292727	0.740657	-1.35015	0.816596	0.973207	-1.02753	0.928409	1.01056	1.01056	0.00226071	0.606825	-1.64792	2.52E-05	0.376094	-2.65891	16.4621	3.56303	0.19239	1
cg06299427	SDK1;SDK1	0.000331717	0.742315	0.955495	-1.04658	6.10E-06	0.24719	-4.04547	0.952355	0.991789	-1.00828	0.217519	1.19603	1.19603	0.0758893	0.761411	-1.31335	0.674034	1.06011	1.06011	0.187934	0.824868	-1.21231	0.714694	0.950602	-1.05196	0.000532275	0.475163	-2.10454	16.0033	4.82564	0.268036	1
cg09404689	SDK1;SDK1	0.00053252	0.79317	1.04924	1.04924	0.0307415	1.59074	1.59074	0.164269	1.3119	1.3119	0.35224	0.839358	-1.19139	8.22E-06	0.168517	-5.93414	0.61474	1.09728	1.09728	0.0292081	0.624976	-1.60006	0.751713	0.943591	-1.05978	0.776769	0.949328	-1.05338	14.0427	7.44254	0.471106	1
cg23972767	SDK1;SDK1	0.0014046	0.788378	0.955733	-1.04632	0.115917	0.750081	-1.33319	0.0138197	0.599251	-1.66875	0.00448183	0.528471	-1.89225	0.00153651	0.464378	-2.15342	0.000675247	0.416948	-2.39838	0.00250395	2.02726	2.02726	0.619102	0.919118	-1.088	0.0434703	0.676534	-1.47812	10.6795	4.79051	0.39873	1
cg06542140	SDK1;SDK1	0.00222766	0.0118378	0.669846	-1.49288	0.209647	0.844847	-1.18365	0.000322941	0.476307	-2.09949	0.0106144	0.663826	-1.50642	0.0258285	1.40137	1.40137	0.282023	0.867141	-1.15322	0.0429061	1.34597	1.34597	0.0115742	0.668602	-1.49566	0.0827887	0.782738	-1.27757	9.34306	2.40595	0.2289	1
cg26856527	SDK1;SDK1	0.00245716	0.0162025	0.622848	-1.60553	0.297835	0.840516	-1.18975	0.0195243	0.634834	-1.57522	0.588594	0.915843	-1.09189	0.28996	0.837938	-1.19341	0.261727	1.20733	1.20733	0.000149997	2.85231	2.85231	0.957496	1.00862	1.00862	0.0288081	0.660316	-1.51443	9.07809	3.72614	0.364848	1
cg16851584	SDK1;SDK1	0.00265132	0.0290053	1.3689	1.3689	0.0589496	1.29719	1.29719	0.279366	0.871791	-1.14706	0.277789	1.14762	1.14762	0.0363201	1.34569	1.34569	0.593546	1.06793	1.06793	4.37E-05	2.57503	2.57503	0.479744	1.0916	1.0916	0.536095	0.926409	-1.07944	8.87695	2.09253	0.209535	1
cg20265953	SDK1;SDK1	0.00362087	0.15043	0.690305	-1.44863	0.82785	0.948982	-1.05376	0.0013064	0.324527	-3.08141	0.00060287	0.280265	-3.56805	0.00123259	0.321084	-3.11445	0.26996	0.758658	-1.31812	0.577871	1.14473	1.14473	0.444321	0.829026	-1.20624	0.0163228	0.493606	-2.02591	8.0911	7.4087	0.81392	1
cg06686146	SDK1;SDK1	0.00392058	0.00703574	0.70163	-1.42525	0.794208	1.02694	1.02694	0.0958478	0.830255	-1.20445	0.0254015	0.763217	-1.31024	0.00364046	0.670271	-1.49193	0.916382	1.01074	1.01074	0.00163569	1.58215	1.58215	0.0529403	0.799552	-1.2507	0.405306	1.09045	1.09045	7.90007	1.29417	0.145615	1
cg25596006	SDK1;SDK1	0.00497308	0.790626	1.02779	1.02779	0.197621	1.1506	1.1506	0.776288	0.971079	-1.02978	0.124394	1.18695	1.18695	0.000782493	1.68751	1.68751	0.27152	0.888773	-1.12515	0.018507	1.34211	1.34211	0.112862	0.837135	-1.19455	0.00484977	0.680591	-1.46931	7.3507	1.23534	0.149385	1
cg06621691	SDK1;SDK1	0.00658064	0.00203254	0.441201	-2.26654	0.196449	0.773456	-1.2929	0.00187866	0.436428	-2.29133	0.72054	1.0699	1.0699	0.00227302	0.448016	-2.23206	0.19544	0.772956	-1.29373	0.0128604	0.559346	-1.7878	0.784792	1.05283	1.05283	0.076154	0.689946	-1.44939	6.74351	3.77813	0.49801	1
cg22967140	SDK1;SDK1	0.0096193	0.468216	0.885661	-1.1291	0.586083	1.09467	1.09467	0.00121104	2.18039	2.18039	0.0516557	1.43961	1.43961	0.882812	0.976026	-1.02456	0.232097	0.813693	-1.22896	0.0248625	1.55163	1.55163	0.0130821	0.602679	-1.65926	0.624839	0.922122	-1.08446	5.98434	2.56514	0.381015	1
cg16956686	SDK1;SDK1	0.0102887	0.0344437	4.30486	4.30486	0.0308466	4.48361	4.48361	0.31014	1.86172	1.86172	0.461878	1.55776	1.55776	0.0168805	5.61243	5.61243	0.02973	4.5451	4.5451	0.000630468	22.4001	22.4001	0.00460606	9.31394	9.31394	0.112285	2.78207	2.78207	5.85701	32.4863	4.93029	1
cg20152326	SDK1;SDK1	0.0113487	0.382238	0.756313	-1.3222	0.0761241	1.84986	1.84986	0.0161822	0.39976	-2.5015	0.800866	0.92425	-1.08196	0.0064355	0.331365	-3.01782	0.0122123	0.377881	-2.64634	0.046234	2.03761	2.03761	0.453169	1.26894	1.26894	0.0458695	0.49002	-2.04073	5.6751	8.73139	1.36759	1
cg05669845	SDK1;SDK1	0.0118335	0.753814	0.939754	-1.06411	0.108322	0.70752	-1.41339	0.15363	0.739536	-1.3522	0.234578	0.781857	-1.27901	0.328935	1.22019	1.22019	0.392127	1.18906	1.18906	0.000313818	3.17006	3.17006	0.873179	1.03205	1.03205	0.815652	0.954922	-1.04721	5.5988	3.45899	0.549164	1
cg05220280	SDK1;SDK1	0.0119592	0.699177	0.953796	-1.04844	0.653638	1.05657	1.05657	0.718311	1.04512	1.04512	0.764636	1.03726	1.03726	0.00534276	0.639524	-1.56366	0.00393816	1.60409	1.60409	0.00766236	1.51823	1.51823	0.585092	0.935042	-1.06947	0.219019	0.854293	-1.17056	5.57966	1.31151	0.208935	1
cg21643217	SDK1;SDK1	0.0121616	0.18958	1.1074	1.1074	0.248641	0.915268	-1.09258	0.0277412	0.82612	-1.21048	0.566748	0.958378	-1.04343	0.318453	0.927091	-1.07864	0.361911	1.07123	1.07123	0.000637364	1.46972	1.46972	0.464003	0.94675	-1.05625	0.211505	0.907883	-1.10146	5.54935	0.473756	0.0758858	1
cg11791155	SDK1;SDK1	0.0122008	0.146933	0.738482	-1.35413	0.105084	0.708284	-1.41186	0.00336482	0.459849	-2.17463	0.781087	0.947189	-1.05576	0.00206033	0.429411	-2.32877	0.141217	1.36091	1.36091	0.143688	1.35794	1.35794	0.611916	0.905162	-1.10477	0.0905698	0.695476	-1.43786	5.54355	3.33005	0.533962	1
cg25711963	SDK1;SDK1	0.0126089	0.00700155	0.349256	-2.86323	0.00921988	2.71021	2.71021	0.95951	0.984803	-1.01543	0.512708	1.22172	1.22172	0.0218072	0.435897	-2.29412	0.0240794	0.444171	-2.25138	0.705364	0.891743	-1.1214	0.370042	0.757545	-1.32005	0.027317	0.454894	-2.19832	5.48452	7.90343	1.28093	1
cg03393322	SDK1;SDK1	0.0127496	0.587884	0.923398	-1.08296	0.178023	0.811831	-1.23178	0.0282444	0.685697	-1.45837	0.0155599	1.54054	1.54054	0.745953	0.953754	-1.04849	0.208734	1.21291	1.21291	0.00149903	1.94757	1.94757	0.371	0.874765	-1.14316	0.335985	1.15547	1.15547	5.46472	1.83622	0.298679	1
cg20780013	SDK1;SDK1	0.0129506	0.0330591	0.721547	-1.38591	0.207038	1.19035	1.19035	0.423033	1.11311	1.11311	0.0555623	0.752688	-1.32857	0.00936537	0.649541	-1.53955	0.135863	1.23425	1.23425	0.0103801	1.52605	1.52605	0.892676	0.982478	-1.01783	0.0550083	0.752075	-1.32965	5.43691	1.47659	0.241409	1
cg07673838	SDK1;SDK1	0.0131515	0.0119122	0.23347	-4.28321	0.332379	1.58964	1.58964	0.513541	0.735573	-1.35948	0.895648	1.06271	1.06271	0.00120932	0.111166	-8.99559	0.221368	0.55111	-1.81452	0.825734	1.10761	1.10761	0.00429858	0.170358	-5.86998	0.441158	0.694845	-1.43917	5.40962	18.4069	3.02455	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21853331	SDK1;SDK1	0.0139764	0.00250559	0.492395	-2.03089	0.692377	0.935103	-1.0694	0.878535	1.02614	1.02614	0.209765	0.800077	-1.24988	0.000799984	0.425641	-2.3494	0.120929	0.752929	-1.32815	0.252473	0.817338	-1.22348	0.692107	0.935044	-1.06947	0.0358917	0.662391	-1.50968	5.30283	2.39131	0.400844	1
cg21005410	SDK1;SDK1	0.0140718	0.0140942	0.626874	-1.59522	0.182585	1.24359	1.24359	0.954936	0.991328	-1.00875	0.231565	0.824158	-1.21336	0.000407748	0.420807	-2.37639	0.504115	0.900792	-1.11013	0.69624	1.06233	1.06233	0.913761	0.983443	-1.01684	0.484282	0.896239	-1.11577	5.29098	1.99052	0.334408	1
cg17051318	SDK1;SDK1	0.0172363	0.184812	1.56872	1.56872	0.0261666	0.42972	-2.3271	0.00753651	0.332615	-3.00648	0.148191	0.608613	-1.64308	0.117338	0.580097	-1.72385	0.0285191	0.437195	-2.28731	0.300266	1.41008	1.41008	0.781382	1.09315	1.09315	0.00631693	0.320294	-3.12214	4.94658	8.02934	1.44285	1
cg26664107	SDK1;SDK1	0.0181184	0.958902	0.992405	-1.00765	0.0356154	1.43601	1.43601	0.41066	1.13256	1.13256	0.0616417	0.732389	-1.36539	0.613571	1.07825	1.07825	0.245675	0.835566	-1.19679	0.00118414	2.02098	2.02098	0.333911	1.15888	1.15888	0.199147	0.818135	-1.22229	4.86439	1.68642	0.308167	1
cg18856214	SDK1;SDK1	0.0224349	0.26512	1.14799	1.14799	0.056664	1.29223	1.29223	0.108194	0.811992	-1.23154	0.279546	1.14293	1.14293	0.637284	0.945124	-1.05806	0.844324	1.02364	1.02364	0.000686234	1.8518	1.8518	0.278336	1.14334	1.14334	0.898493	1.01528	1.01528	4.52342	1.01171	0.19881	1
cg16717192	SDK1;SDK1	0.0251396	0.330039	0.800913	-1.24857	0.00365718	2.38243	2.38243	0.263026	0.772806	-1.29399	0.282276	0.781313	-1.2799	0.657204	0.906064	-1.10368	0.616446	1.118	1.118	0.00552659	0.446915	-2.23756	0.884261	0.968341	-1.03269	0.285655	0.782767	-1.27752	4.3488	3.35984	0.686747	1
cg17739302	SDK1;SDK1	0.0290382	0.0543607	2.15179	2.15179	0.0129064	2.95489	2.95489	0.00693326	3.40898	3.40898	0.0549024	2.14715	2.14715	0.765254	0.900228	-1.11083	0.0282838	2.48177	2.48177	0.77475	1.10596	1.10596	0.0528803	2.16479	2.16479	0.0231062	2.59469	2.59469	4.1343	8.0674	1.73452	1
cg04420256	SDK1;SDK1	0.0290893	0.798319	0.957069	-1.04486	0.0101232	0.573529	-1.74359	0.0254456	0.634373	-1.57636	0.650285	0.924766	-1.08135	0.0907929	0.726668	-1.37615	0.514843	0.892989	-1.11983	0.0214848	1.60535	1.60535	0.843163	0.966624	-1.03453	0.0286288	0.642445	-1.55655	4.13173	1.9217	0.413428	1
cg19297245	SDK1;SDK1	0.0291543	0.345026	0.8182	-1.2222	0.00522125	2.13883	2.13883	0.0881938	0.678315	-1.47424	0.539305	0.87966	-1.1368	0.162582	0.735241	-1.3601	0.216874	1.30743	1.30743	0.0290486	1.7003	1.7003	0.294365	1.25154	1.25154	0.231401	0.771846	-1.2956	4.12848	2.78295	0.599187	1
cg19369262	SDK1;SDK1	0.0304095	0.887818	0.983673	-1.0166	0.0397586	1.31953	1.31953	0.001515	0.58695	-1.70372	0.757425	0.964512	-1.03679	0.690977	1.04771	1.04771	0.221962	0.860957	-1.1615	0.116348	0.819535	-1.2202	0.289671	0.879696	-1.13676	0.230374	0.863503	-1.15807	4.06719	0.87622	0.191499	1
cg15135773	SDK1;SDK1	0.0308698	0.00506507	0.282106	-3.54476	0.443034	1.30614	1.30614	0.146372	0.587188	-1.70303	0.607906	1.19329	1.19329	0.00398399	0.266636	-3.75043	0.46712	1.28747	1.28747	0.900789	0.958305	-1.04351	0.813564	0.922495	-1.08402	0.125177	0.567353	-1.76257	4.0455	7.47148	1.64166	1
cg18711683	SDK1;SDK1	0.0340456	0.215247	1.37388	1.37388	0.438835	0.825079	-1.21201	0.130935	0.672238	-1.48757	0.0133061	2.11035	2.11035	0.0857968	1.58779	1.58779	0.152159	0.6883	-1.45286	0.00952594	2.22478	2.22478	0.935519	0.980489	-1.0199	0.762298	0.928793	-1.07667	3.90595	3.66813	0.834768	1
cg11881246	SDK1;SDK1	0.0345157	0.378742	0.871819	-1.14703	0.194542	1.23178	1.23178	0.14081	1.27205	1.27205	0.77871	1.04372	1.04372	0.151244	0.791675	-1.26314	0.57487	1.0899	1.0899	0.0405172	1.43239	1.43239	0.00357148	0.549048	-1.82133	0.499436	0.901099	-1.10976	3.88667	1.42032	0.32483	1
cg05538161	SDK1;SDK1	0.0352037	0.59693	1.15387	1.15387	0.148403	1.51548	1.51548	0.0136188	0.441078	-2.26717	0.894748	1.03614	1.03614	0.0511539	0.551227	-1.81414	0.0104461	0.421244	-2.37392	0.797254	0.933288	-1.07148	0.0417391	0.532868	-1.87664	0.138344	0.651879	-1.53403	3.85902	4.39578	1.01253	1
cg22103601	SDK1;SDK1	0.0373708	0.599218	0.778619	-1.28433	0.00178912	8.14347	8.14347	0.0954095	2.37373	2.37373	0.564592	1.31625	1.31625	0.0556119	0.359334	-2.78293	0.528624	0.739903	-1.35153	0.706896	0.83673	-1.19513	0.647507	1.24263	1.24263	0.72518	0.846581	-1.18122	3.7761	13.3166	3.13472	1
cg07211472	SDK1;SDK1	0.0375224	0.154485	2.00138	2.00138	0.0299783	3.19743	3.19743	0.82183	1.10814	1.10814	0.872183	0.929323	-1.07605	0.112425	2.19626	2.19626	0.0506906	2.75556	2.75556	0.00213626	7.12769	7.12769	0.0331146	3.10836	3.10836	0.267575	1.69176	1.69176	3.77052	12.3761	2.91763	1
cg19727491	SDK1;SDK1	0.0379094	0.0926656	0.63147	-1.58361	0.372917	1.25516	1.25516	0.341512	0.783875	-1.27571	0.276214	0.754729	-1.32498	0.0223177	0.506469	-1.97445	0.0899107	0.628501	-1.59109	0.0988031	1.5678	1.5678	0.83394	1.05354	1.05354	0.00661125	0.416463	-2.40117	3.75641	3.67222	0.868966	1
cg21519944	SDK1;SDK1	0.0413381	0.146894	0.763452	-1.30984	0.142418	0.760808	-1.31439	0.0426871	0.667298	-1.49858	0.945004	1.01203	1.01203	0.546258	0.899546	-1.11167	0.566833	1.10558	1.10558	0.00302359	2.02315	2.02315	0.733628	0.9425	-1.06101	0.760159	1.05452	1.05452	3.63867	1.73217	0.423152	1
cg12732673	SDK1;SDK1	0.0417969	0.133411	0.715136	-1.39833	0.764838	1.0641	1.0641	0.117455	0.703172	-1.42213	0.0131586	0.529041	-1.89021	0.958443	1.01085	1.01085	0.857525	0.963467	-1.03792	0.0102977	1.95341	1.95341	0.422621	0.843973	-1.18487	0.214162	1.31109	1.31109	3.62383	2.46174	0.603839	1
cg17287122	SDK1;SDK1	0.0422514	0.0731497	0.471753	-2.11975	0.133407	1.83791	1.83791	0.0336608	0.393481	-2.54142	0.0409634	0.41197	-2.42736	0.209388	0.60811	-1.64444	0.172918	0.579691	-1.72506	0.0142744	0.321069	-3.11459	0.507386	0.776587	-1.28769	0.0247222	0.365957	-2.73256	3.60933	8.07929	1.98973	1
cg15319585	SDK1;SDK1	0.0432672	0.229722	0.535025	-1.86907	0.628375	1.27386	1.27386	0.397221	0.650367	-1.53759	0.974783	0.984436	-1.01581	0.00404334	0.147194	-6.79377	0.279741	0.57254	-1.7466	0.00415853	0.148622	-6.72849	0.491781	0.707137	-1.41415	0.170509	0.484629	-2.06343	3.57759	13.9555	3.46739	1
cg12867156	SDK1;SDK1	0.0457797	0.364799	0.743632	-1.34475	0.169685	0.627954	-1.59247	0.0595006	0.508356	-1.96712	0.791365	0.919124	-1.08799	0.00151435	0.233808	-4.27701	0.848041	0.940804	-1.06292	0.0513524	0.493776	-2.02521	0.36883	0.745579	-1.34124	0.0580831	0.505939	-1.97652	3.5029	5.61323	1.4244	1
cg15836138	SDK2	0.000137671	0.00934766	0.476491	-2.09868	7.90E-05	0.200949	-4.97638	0.0342663	0.573812	-1.74273	0.0677336	0.631152	-1.58441	5.16E-06	0.0973634	-10.2708	0.0042199	0.422493	-2.3669	0.032222	0.568888	-1.75782	0.000229163	0.252486	-3.96061	0.0124133	0.496675	-2.01339	20.3209	16.2771	0.712004	1
cg08073215	SDK2	0.000272408	0.00203876	1.6034	1.6034	0.271008	0.883	-1.1325	0.394456	0.909643	-1.09933	0.000227694	0.51419	-1.94481	0.000325761	0.532198	-1.879	0.40766	1.09632	1.09632	0.0496942	1.27519	1.27519	0.000217458	0.511875	-1.9536	0.49385	1.07836	1.07836	16.8898	3.15357	0.165969	1
cg26697929	SDK2	0.000472968	0.00344789	0.551491	-1.81327	0.000214703	0.39618	-2.52411	0.000608791	0.453173	-2.20666	0.826855	1.03337	1.03337	0.0103468	0.616334	-1.6225	0.00717791	0.594483	-1.68213	0.000175468	0.385349	-2.59505	0.00112752	0.487629	-2.05074	0.00136116	0.498262	-2.00698	14.5124	5.16036	0.316073	1
cg22121495	SDK2	0.000980961	0.000743523	0.260664	-3.83636	0.291189	0.750059	-1.33323	0.00162114	0.305363	-3.27479	0.489062	0.83149	-1.20266	0.000254133	0.205414	-4.86822	0.0580845	0.569818	-1.75495	0.000168879	0.186292	-5.36792	0.0125183	0.442342	-2.26069	0.151046	0.667619	-1.49786	11.8308	12.919	0.970646	1
cg25227866	SDK2	0.00139515	0.0422405	0.553365	-1.80713	0.000407114	0.24155	-4.13993	0.931857	0.978603	-1.02186	0.541996	1.16896	1.16896	0.111651	0.645212	-1.54988	0.000713338	0.271608	-3.68177	0.00058888	0.261121	-3.82964	0.00238055	0.342604	-2.91883	0.978182	0.993108	-1.00694	10.7002	10.8391	0.900427	1
cg22190538	SDK2	0.00150715	0.862379	0.924228	-1.08198	0.0268657	3.28925	3.28925	0.0570399	2.65883	2.65883	0.641054	1.23768	1.23768	0.000338181	0.0725549	-13.7827	0.923509	0.957323	-1.04458	0.234157	1.76191	1.76191	0.000297834	0.0689972	-14.4933	0.860493	0.923218	-1.08317	10.4652	34.1844	2.90353	1
cg03695433	SDK2	0.00240249	0.000435432	0.242587	-4.12223	0.0135975	0.459459	-2.17647	0.00545281	0.394093	-2.53747	0.0121148	0.450834	-2.21811	0.00252463	0.343661	-2.90984	0.00194063	0.327319	-3.05512	0.0253898	0.508219	-1.96766	0.0440211	0.554625	-1.80302	0.00227716	0.337201	-2.96559	9.13832	9.39064	0.913432	1
cg24527434	SDK2	0.00281488	0.292504	0.864791	-1.15635	0.0287677	1.40924	1.40924	0.0159535	1.4807	1.4807	0.188458	1.20365	1.20365	0.00174748	0.55239	-1.81032	0.334869	1.14144	1.14144	0.482393	1.09962	1.09962	0.000702536	0.502999	-1.98807	0.9529	1.00789	1.00789	8.72128	2.44391	0.249088	1
cg05552184	SDK2	0.00390561	0.607231	1.46494	1.46494	0.145362	3.16266	3.16266	0.0848809	4.06792	4.06792	0.606435	0.682036	-1.4662	0.000453633	0.017089	-58.517	0.370788	0.50826	-1.9675	0.187801	2.79505	2.79505	0.00137409	0.0327665	-30.5189	0.52332	1.61014	1.61014	7.90918	67.9269	7.6341	1
cg12963319	SDK2	0.00484115	0.00453951	0.41	-2.43903	0.627612	1.12219	1.12219	0.00177732	0.3502	-2.85551	0.892417	1.03243	1.03243	0.128725	0.678967	-1.47283	0.375553	0.806974	-1.2392	0.00618392	0.430834	-2.32108	0.000716322	0.296836	-3.36887	0.140889	0.688326	-1.4528	7.41121	6.52761	0.782911	1
cg14295306	SDK2	0.00913294	0.105004	1.27947	1.27947	0.0439221	0.724599	-1.38007	0.0146351	0.658237	-1.51921	0.535092	1.09132	1.09132	0.119031	0.790275	-1.26538	0.00257933	1.7882	1.7882	0.0311211	1.42185	1.42185	0.320681	0.866974	-1.15344	0.44732	0.897855	-1.11377	6.08398	1.86492	0.27247	1
cg12465643	SDK2	0.00915862	0.659509	1.06153	1.06153	0.505106	0.912948	-1.09535	0.00903674	0.639601	-1.56347	0.264743	0.855099	-1.16945	0.00261775	0.570522	-1.75278	0.186751	0.82822	-1.20741	0.227879	1.18585	1.18585	0.797595	0.965982	-1.03522	0.00485585	1.65359	1.65359	6.07856	1.74603	0.255328	1
cg26261291	SDK2	0.00951378	0.576117	0.881558	-1.13436	0.179748	0.727593	-1.37439	0.0281116	0.560551	-1.78396	0.167833	0.720298	-1.38831	0.230059	0.754985	-1.32453	0.115523	0.682584	-1.46502	0.933364	0.981508	-1.01884	0.000143101	0.231523	-4.31922	0.0583639	0.620388	-1.6119	6.00542	4.73809	0.701306	1
cg19445578	SDK2	0.0108903	0.00258653	0.209236	-4.77929	0.220294	1.62057	1.62057	0.470667	0.759638	-1.31642	0.837652	0.926022	-1.07989	0.000808603	0.150606	-6.63984	0.253188	0.639507	-1.56371	0.989588	0.995124	-1.0049	0.0485427	0.429918	-2.32602	0.107848	0.518259	-1.92954	5.75105	12.7821	1.97562	1
cg06417243	SDK2	0.0129336	0.0280836	0.658342	-1.51897	0.0859958	0.736578	-1.35763	0.926536	0.985248	-1.01497	0.994929	1.00102	1.00102	0.0110348	0.598246	-1.67155	0.976315	1.0048	1.0048	0.571763	1.09646	1.09646	0.00051817	0.417856	-2.39317	0.160062	0.785146	-1.27365	5.43923	2.23715	0.365599	1
cg26999029	SDK2	0.0157666	0.000986303	0.525694	-1.90225	0.356592	1.12419	1.12419	0.908725	1.0142	1.0142	0.102197	0.800123	-1.24981	0.0408402	0.743146	-1.34563	0.0281503	0.720907	-1.38714	0.299305	0.875494	-1.14221	0.442486	0.907962	-1.10137	0.0940078	1.25825	1.25825	5.71634	1.33939	0.18224	1
cg16694354	SDK2	0.0184555	0.11377	0.548609	-1.82279	0.62958	1.1848	1.1848	0.237208	0.649161	-1.54045	0.580624	1.21495	1.21495	0.00136228	0.197507	-5.06312	0.797395	0.914148	-1.09391	0.0432892	0.444376	-2.25035	0.00434611	0.264568	-3.77975	0.535292	0.803274	-1.2449	4.83428	9.32135	1.71394	1
cg04908905	SDK2	0.0187449	0.649179	0.902813	-1.10765	0.0460215	1.66604	1.66604	0.52417	1.155	1.155	0.097803	0.666654	-1.50003	0.583539	0.883737	-1.13156	0.619627	1.11819	1.11819	0.00863908	2.11157	2.11157	0.00360373	0.414884	-2.41031	0.699926	0.917175	-1.0903	4.80897	3.7957	0.701597	1
cg26024597	SDK2	0.0188369	0.0334525	2.1745	2.1745	0.0114602	2.6884	2.6884	0.917847	0.968261	-1.03278	0.0635753	1.91947	1.91947	0.156928	1.60522	1.60522	0.00155152	4.1477	4.1477	0.813462	0.92877	-1.07669	0.0403393	2.09675	2.09675	0.037848	2.12289	2.12289	4.80103	7.43088	1.37579	1
cg10305337	SDK2	0.0189987	0.801521	1.02458	1.02458	0.0182418	1.31822	1.31822	0.637239	0.955237	-1.04686	0.137388	0.857047	-1.1668	0.087666	0.833805	-1.19932	0.0584961	0.813758	-1.22887	0.0355959	0.789903	-1.26598	0.0032047	0.678482	-1.47388	0.975223	1.003	1.003	4.78718	0.704771	0.130863	1
cg20458433	SDK2	0.0191766	0.135445	1.40795	1.40795	0.356523	1.22339	1.22339	0.748543	0.933904	-1.07077	0.055755	1.58537	1.58537	0.237885	1.30066	1.30066	0.108158	1.45159	1.45159	0.00495581	2.20575	2.20575	0.026184	0.570725	-1.75216	0.0534483	0.627256	-1.59425	4.77211	3.41654	0.636391	1
cg02234489	SDK2	0.0225955	0.657006	0.845721	-1.18242	0.115533	1.89928	1.89928	0.0576421	2.23646	2.23646	0.200882	1.65948	1.65948	0.00109466	0.164357	-6.08432	0.855797	1.07059	1.07059	0.61315	0.826006	-1.21065	0.261511	0.644664	-1.5512	0.732886	0.879462	-1.13706	4.51235	10.0466	1.97909	1
cg19786808	SDK2	0.0231242	0.85398	1.06492	1.06492	0.00748994	0.308706	-3.23933	0.334293	0.711778	-1.40493	0.586995	1.20594	1.20594	0.967789	1.01388	1.01388	0.156895	1.67687	1.67687	0.473453	1.28266	1.28266	0.00504407	0.281894	-3.54743	0.020502	0.385522	-2.59389	4.47654	8.26476	1.6411	1
cg02890566	SDK2	0.0241466	0.594146	0.847764	-1.17957	0.129564	1.66237	1.66237	0.602347	0.850939	-1.17517	?	?	?	?	?	?	?	?	?	0.0167075	2.52168	2.52168	0.00867959	0.344115	-2.906	0.27204	0.702745	-1.42299	5.18788	5.04232	1.13393	1
cg16916549	SDK2	0.0304774	0.647669	0.829806	-1.2051	0.417844	1.3989	1.3989	0.77434	1.12362	1.12362	0.775744	0.89065	-1.12278	0.00206273	0.172116	-5.81004	0.849711	1.07995	1.07995	0.0106367	3.67779	3.67779	0.55572	1.27333	1.27333	0.5626	1.26788	1.26788	4.06396	10.5814	2.31441	1
cg24768077	SDK2	0.0341861	0.0865124	0.668506	-1.49587	0.359263	0.818337	-1.22199	0.00713206	0.477547	-2.09404	0.0554739	0.630251	-1.58667	0.00659138	0.472226	-2.11763	0.68307	0.916398	-1.09123	0.522571	1.14777	1.14777	0.0350482	0.593146	-1.68592	0.751543	1.06989	1.06989	3.90015	2.79409	0.636804	1
cg21196860	SDK2	0.0360052	0.518809	0.897268	-1.11449	0.756737	1.05285	1.05285	0.0180644	0.621292	-1.60955	0.155644	0.77741	-1.28632	0.579515	0.911412	-1.0972	0.296936	1.19629	1.19629	0.0290752	1.53162	1.53162	0.0133163	0.601557	-1.66235	0.12226	0.757622	-1.31992	3.82763	1.66511	0.386687	1
cg16430854	SDK2	0.0497782	0.398641	0.873494	-1.14483	0.13184	1.28991	1.28991	0.442741	1.13031	1.13031	0.554141	1.09818	1.09818	0.258288	0.83142	-1.20276	0.150362	1.2729	1.2729	0.0139943	0.621899	-1.60798	0.962493	0.992667	-1.00739	0.0140035	0.62194	-1.60787	3.39386	1.31677	0.344876	1
cg00357837	SDPR	0.00307932	0.0851128	0.842868	-1.18643	0.00824747	0.738309	-1.35445	0.00195048	0.674778	-1.48197	0.457962	0.934384	-1.07022	0.0120226	1.32483	1.32483	0.115751	1.16593	1.16593	0.00412564	1.41258	1.41258	0.119205	0.859126	-1.16397	0.587802	0.952046	-1.05037	8.49205	1.08447	0.113515	1
cg18843739	SDPR	0.0032654	0.722871	0.916592	-1.091	0.000417786	3.92998	3.92998	0.531159	0.856279	-1.16784	0.144368	0.681452	-1.46746	0.00151418	0.327095	-3.05722	0.332811	1.2768	1.2768	0.367087	1.25436	1.25436	0.1905	1.40366	1.40366	0.0587853	0.593278	-1.68555	8.34498	7.907	0.842236	1
cg05878786	SDPR	0.0392412	0.0127155	0.253936	-3.938	0.449755	1.40628	1.40628	0.54066	1.31546	1.31546	0.318038	1.57913	1.57913	0.00658456	0.209719	-4.76828	0.211229	1.79155	1.79155	0.201568	1.81667	1.81667	0.482049	1.37206	1.37206	0.68643	0.835554	-1.19681	3.70918	11.512	2.75881	1
cg06352750	SDPR;SDPR	0.00124323	0.0373975	0.642698	-1.55594	0.0138434	1.74487	1.74487	0.993274	1.00154	1.00154	0.00697016	0.527916	-1.89424	0.216927	0.788378	-1.26843	0.128626	0.740388	-1.35064	0.0462224	1.5189	1.5189	0.000175868	3.20399	3.20399	0.0273844	0.62024	-1.61228	11.0594	5.86714	0.471564	1
cg02141358	SDR16C5	0.00458632	0.998798	1.00039	1.00039	0.384963	1.26184	1.26184	0.676922	1.11562	1.11562	0.482385	1.20492	1.20492	0.144506	1.50568	1.50568	0.211323	1.41033	1.41033	8.59E-05	0.158643	-6.30345	0.125738	0.648817	-1.54127	0.988556	0.996262	-1.00375	7.53414	8.13449	0.959719	1
cg08188069	SDR16C6	0.000222619	0.150661	0.680809	-1.46884	0.00235699	0.346815	-2.88338	0.00190359	0.333579	-2.99779	0.00247807	0.349959	-2.85748	0.000265056	0.224221	-4.45988	0.0471541	0.567258	-1.76287	2.03E-05	0.116424	-8.58933	0.00305023	0.363162	-2.75359	0.000125272	0.188662	-5.30047	17.8445	17.6064	0.877026	1
cg14220224	SDR16C6	0.0307515	0.422863	0.59572	-1.67864	0.00448822	0.0909702	-10.9926	0.0106472	0.131083	-7.62873	0.204234	0.428376	-2.3344	0.0114671	0.135141	-7.39967	0.813701	0.861251	-1.1611	0.132139	0.357635	-2.79615	0.0343955	0.209858	-4.76512	0.0609675	0.262824	-3.80482	4.05103	25.6871	5.63634	1
cg16425566	SDR16C6	0.0461301	0.0249747	0.593072	-1.68614	0.0845004	0.688161	-1.45315	0.132504	0.727658	-1.37427	0.87761	0.970268	-1.03064	0.255452	0.792533	-1.26178	0.761615	0.942151	-1.0614	0.00945866	1.90423	1.90423	0.242141	1.27094	1.27094	0.85803	0.965539	-1.03569	3.49288	2.12196	0.54001	1
cg23456826	SDR39U1	0.00299281	0.929411	1.01095	1.01095	0.0584077	1.30078	1.30078	0.0747703	0.783443	-1.27642	0.163887	1.20042	1.20042	0.0137411	0.687561	-1.45442	0.404105	0.900344	-1.11069	0.000141514	0.446031	-2.242	0.270964	1.15135	1.15135	0.172859	1.19527	1.19527	8.56425	2.05097	0.212871	1
cg23099211	SDR39U1	0.00925727	0.0107478	0.321576	-3.10969	0.0063084	0.283899	-3.52238	0.025909	0.39217	-2.54991	0.844598	0.932892	-1.07194	0.0671322	0.483689	-2.06745	0.445077	0.759153	-1.31726	0.00150183	0.19802	-5.04999	0.00340592	0.244405	-4.09158	0.0811826	0.504428	-1.98244	6.05789	12.021	1.76387	1
cg00770265	SDR39U1	0.0268437	0.716662	1.04972	1.04972	0.441059	0.900694	-1.11026	0.000514124	2.05803	2.05803	0.431835	1.11271	1.11271	0.723065	1.04851	1.04851	0.971227	0.99521	-1.00481	0.130272	0.804481	-1.24304	0.74689	1.04405	1.04405	0.875198	1.02114	1.02114	4.25031	1.19305	0.24951	1
cg13809815	SDR39U1	0.0281652	0.333843	1.32101	1.32101	0.65735	1.13279	1.13279	0.026538	2.08422	2.08422	0.0191523	0.453061	-2.20721	0.00537265	2.78376	2.78376	0.227859	0.702204	-1.42409	0.390323	1.2787	1.2787	0.610122	1.15445	1.15445	0.451244	0.807044	-1.23909	4.17911	5.16301	1.09816	1
cg12965799	SDR39U1;SDR39U1	0.0167001	?	?	?	0.524061	0.754128	-1.32603	0.00350083	6.14866	6.14866	0.134635	2.03771	2.03771	?	?	?	?	?	?	0.34823	0.654996	-1.52673	0.447891	0.712941	-1.40264	0.011179	4.21332	4.21332	5.96625	11.7327	2.29426	1
cg02703870	SDR42E1	8.42E-07	0.00755148	1.63524	1.63524	1.67E-06	5.58233	5.58233	0.148837	1.24799	1.24799	0.000175974	0.402429	-2.48491	5.96E-06	4.27993	4.27993	0.0231478	0.678071	-1.47477	2.57E-07	8.94894	8.94894	2.02E-05	0.291213	-3.43391	0.483579	1.10724	1.10724	76.627	24.846	0.288219	1
cg03629151	SDR42E1	1.04E-06	2.52E-07	7.73877	7.73877	0.742577	1.04491	1.04491	0.000120892	2.44773	2.44773	8.29E-06	3.65448	3.65448	0.00115301	0.529114	-1.88995	0.00756342	0.632571	-1.58085	1.48E-05	3.31515	3.31515	2.90E-05	0.33507	-2.98445	8.73E-05	2.55412	2.55412	72.5157	20.402	0.250085	1
cg04586579	SDR42E1	3.55E-06	0.00431061	1.86495	1.86495	0.00389208	1.88662	1.88662	0.000510344	2.42623	2.42623	2.50E-05	3.92403	3.92403	0.227725	0.813203	-1.22971	0.000328122	2.57955	2.57955	1.47E-07	14.7062	14.7062	0.0001354	0.339916	-2.9419	0.0603819	1.4132	1.4132	53.0091	22.3889	0.375431	1
cg02283931	SDR42E1	2.61E-05	2.71E-05	4.11611	4.11611	0.00188618	2.12235	2.12235	0.26562	1.21915	1.21915	0.00202456	0.47538	-2.10358	4.22E-05	0.264217	-3.78477	0.00228365	0.48256	-2.07228	0.00146238	0.45616	-2.19221	0.00453819	0.524208	-1.90764	0.00168543	2.15278	2.15278	31.6021	14.6043	0.410784	1
cg21649442	SDR42E1	0.000108531	3.70E-05	10.6742	10.6742	0.000174375	6.69527	6.69527	0.0592087	1.88855	1.88855	0.000756924	4.59123	4.59123	0.749526	1.10033	1.10033	8.84E-05	8.1369	8.1369	0.000506288	5.06355	5.06355	0.0144595	0.406745	-2.45854	0.0376833	2.05358	2.05358	21.6607	30.5656	1.25432	1
cg04821708	SDR42E1	0.000153858	0.190059	1.54055	1.54055	0.000239364	6.64271	6.64271	0.0276791	2.24913	2.24913	0.123245	1.68185	1.68185	0.305591	1.39141	1.39141	0.221168	0.67002	-1.49249	5.01E-05	10.6807	10.6807	0.00010865	0.119613	-8.36026	0.0274483	2.2528	2.2528	19.7214	30.283	1.36492	1
cg01645998	SDR42E1	0.00236211	0.0283303	2.95125	2.95125	0.00982989	3.91319	3.91319	0.841707	1.08719	1.08719	0.293224	1.57752	1.57752	0.969909	1.0159	1.0159	0.450003	1.37963	1.37963	0.000475799	9.91051	9.91051	0.000972856	0.128502	-7.78199	0.179526	1.8149	1.8149	9.18392	25.4239	2.46071	1
cg04886060	SDR42E1	0.00364389	0.0461323	2.89754	2.89754	0.0108332	0.225407	-4.43642	0.158185	2.0186	2.0186	0.0252168	0.289642	-3.45254	0.0258116	3.42912	3.42912	0.813387	1.11639	1.11639	0.00109247	9.4209	9.4209	0.036958	0.323678	-3.08949	0.227877	1.80273	1.80273	8.07574	27.7239	3.05155	1
cg08858669	SDR42E1	0.0117303	0.974706	1.01153	1.01153	0.00322748	0.233742	-4.27822	0.0679988	0.477421	-2.09459	0.981499	1.00842	1.00842	0.0363097	0.41462	-2.41185	0.0789179	0.493742	-2.02535	0.0018379	0.201798	-4.95546	0.379241	1.38584	1.38584	0.020588	0.364624	-2.74255	5.61471	11.6357	1.8421	1
cg10147797	SDR42E1;SDR42E1	0.00390292	0.00730592	11.2848	11.2848	0.00395784	15.1083	15.1083	0.0582183	4.48031	4.48031	0.331893	2.01648	2.01648	0.0698345	0.241622	-4.13869	0.139144	0.327833	-3.05033	0.00109185	29.2402	29.2402	0.128599	0.316404	-3.16052	0.134126	3.10127	3.10127	7.91082	61.4994	6.9103	1
cg26503079	SDR9C7	0.0114579	0.000560857	0.320567	-3.11947	0.442094	1.18138	1.18138	0.0728993	0.653473	-1.53028	0.0295563	0.579915	-1.72439	0.0282035	0.576315	-1.73516	0.333353	0.808795	-1.23641	0.294965	1.25984	1.25984	0.0527369	0.626073	-1.59726	0.114524	0.694174	-1.44056	5.65757	4.05253	0.636713	1
cg20596724	SDR9C7	0.0129343	0.00692508	0.181231	-5.51781	0.280028	0.577627	-1.73122	0.0265085	0.276531	-3.61623	0.0154509	0.234066	-4.27229	0.00312018	0.13869	-7.21033	0.14791	0.468288	-2.13544	0.0871178	0.397222	-2.51748	0.00852404	0.193858	-5.15841	0.00726886	0.184115	-5.43139	5.43914	20.5759	3.36261	1
cg13446622	SDR9C7	0.0269228	0.00236484	0.0886635	-11.2786	0.0300961	0.232815	-4.29526	0.0945497	0.349926	-2.85775	0.0429989	0.264312	-3.78341	0.0110895	0.162059	-6.17059	0.420506	0.624848	-1.60039	0.240622	0.495609	-2.01772	0.0261066	0.22128	-4.51917	0.0859813	0.338195	-2.95688	4.24593	21.9553	4.59637	1
cg12524061	SDR9C7	0.0283975	0.00236535	0.0513406	-19.4778	0.237942	0.420767	-2.37662	0.0296483	0.166493	-6.00626	0.0435334	0.196839	-5.0803	0.0533177	0.214979	-4.65162	0.368871	0.523986	-1.90845	0.0589967	0.224656	-4.45124	0.0192841	0.137786	-7.25763	0.0301154	0.167635	-5.96534	4.16702	32.3633	6.90357	1
cg15277108	SDS	0.0135361	0.585377	1.08889	1.08889	0.0105545	0.608176	-1.64426	0.0532185	0.712115	-1.40427	0.176394	0.800774	-1.24879	0.0253793	0.663123	-1.50802	0.052045	1.40728	1.40728	0.0230221	1.52235	1.52235	0.428689	0.882588	-1.13303	0.0819706	1.34706	1.34706	5.35882	2.02809	0.336408	1
cg05149586	SDSL	0.0018139	0.00538071	0.289655	-3.45239	0.0216028	0.393469	-2.5415	0.00883089	0.323956	-3.08684	0.00170292	0.219787	-4.54987	0.025618	0.407984	-2.45108	0.0560691	0.481116	-2.0785	0.000253168	0.130137	-7.68419	0.00068907	0.173431	-5.76599	0.00921556	0.327038	-3.05774	9.91962	17.9602	1.6094	1
cg20925425	SDSL	0.0186511	0.00223357	0.16039	-6.2348	0.873034	0.933926	-1.07075	0.233343	0.586193	-1.70592	0.0661546	0.414383	-2.41323	0.00402738	0.191788	-5.21408	0.0939216	0.455085	-2.19739	0.0208473	0.3046	-3.28299	0.0432695	0.3702	-2.70124	0.0476508	0.3798	-2.63297	4.81712	13.9385	2.57204	1
cg20047677	SDSL	0.0192552	0.0802404	0.547827	-1.82539	0.205406	1.51329	1.51329	0.081419	0.549379	-1.82024	0.00569727	0.324844	-3.0784	0.0417961	0.483059	-2.07014	0.00837627	0.35184	-2.8422	0.016358	0.402474	-2.48463	0.838302	0.938602	-1.06541	0.0545673	0.50851	-1.96653	4.76551	7.25805	1.35381	1
cg18536123	SEBOX;SEBOX;VTN	0.0471924	0.0642041	0.0419492	-23.8384	0.301783	0.195665	-5.11078	0.0341372	0.0230547	-43.3752	0.972567	0.948915	-1.05384	0.0157725	0.0109894	-90.9971	0.0690327	0.0449392	-22.2523	0.00626732	0.00437848	-228.39	0.604693	0.450982	-2.21738	0.0525761	0.0347124	-28.8081	3.46308	127.536	32.7354	1
cg17582336	SEBOX;VTN	0.00054762	0.00206691	0.0928515	-10.7699	0.370887	0.604478	-1.65432	0.00900926	0.16216	-6.16677	0.591729	1.3453	1.3453	4.18E-05	0.0139274	-71.8011	0.00163835	0.0845206	-11.8314	0.00183998	0.0886047	-11.2861	0.949324	0.965778	-1.03544	0.00111203	0.071946	-13.8993	13.9339	66.2382	4.22555	1
cg26080305	SEBOX;VTN	0.000829998	0.295413	0.823301	-1.21462	0.584653	0.905824	-1.10397	0.0235741	0.61601	-1.62335	0.998548	1.00033	1.00033	9.05E-06	0.178703	-5.59588	0.00596507	0.525095	-1.90442	0.536466	0.893893	-1.1187	0.0871553	0.712864	-1.40279	0.21051	0.789436	-1.26673	12.4029	6.30747	0.452044	1
cg03028529	SEBOX;VTN	0.00203943	0.00532481	0.237393	-4.21242	0.00229591	0.188415	-5.30744	0.00191467	0.178879	-5.59038	0.010983	0.286565	-3.48961	0.0016196	0.170395	-5.8687	0.013369	0.301186	-3.32021	0.000743925	0.134626	-7.42797	0.889824	1.05578	1.05578	0.0114056	0.289329	-3.45627	9.58719	23.2905	2.15941	1
cg14978826	SEC1	0.000449423	0.79262	0.963842	-1.03751	0.318581	0.86582	-1.15497	0.00295003	0.56523	-1.76919	0.255467	0.847105	-1.18049	6.98E-06	0.248901	-4.01766	0.409982	1.12498	1.12498	0.603332	1.07602	1.07602	0.52514	1.09418	1.09418	0.01264	0.648363	-1.54235	14.719	4.55402	0.27502	1
cg20467755	SEC1	0.00053965	0.182254	0.840062	-1.19039	0.164737	1.20017	1.20017	0.120674	0.812852	-1.23024	0.0107092	1.48419	1.48419	4.37E-05	0.385028	-2.59722	0.0435162	1.33079	1.33079	0.00186832	1.72151	1.72151	0.134478	0.819822	-1.21978	0.23197	1.16687	1.16687	13.9908	3.3582	0.213359	1
cg01189871	SEC1	0.00674734	0.559064	1.12099	1.12099	0.423078	0.8537	-1.17137	0.460912	1.15617	1.15617	0.717625	1.07273	1.07273	0.921038	1.01935	1.01935	0.190062	1.30772	1.30772	0.00018619	3.38614	3.38614	0.00305889	2.19046	2.19046	0.157208	1.33968	1.33968	6.69129	3.96023	0.526088	1
cg17947242	SEC1	0.0294753	0.0239346	0.646946	-1.54572	0.692701	0.937814	-1.06631	0.0448866	0.689284	-1.45078	0.559314	0.908977	-1.10014	0.011519	0.600009	-1.66664	0.663729	1.07327	1.07327	0.0166088	1.60453	1.60453	0.343931	0.854203	-1.17068	0.465315	1.12762	1.12762	4.1125	1.70175	0.367821	1
cg13393201	SEC1	0.0341515	0.775619	1.04835	1.04835	0.0460273	0.679907	-1.47079	0.946481	1.01115	1.01115	0.440522	0.87784	-1.13916	0.00333055	2.00202	2.00202	0.269211	0.825957	-1.21072	0.269104	1.21077	1.21077	0.0466146	0.680843	-1.46877	0.938711	0.98738	-1.01278	4.28032	1.80993	0.328883	1
cg19606131	SEC11A	0.000458033	0.000278883	0.494662	-2.02158	0.00210472	0.599261	-1.66872	0.000281678	0.495177	-2.01948	0.316058	0.884506	-1.13057	0.000146375	0.461363	-2.16749	0.00722438	0.663371	-1.50745	0.00727655	0.663747	-1.5066	0.855443	1.02183	1.02183	0.000977264	0.559546	-1.78716	14.6419	3.25057	0.197338	1
cg19551767	SEC11A	0.00458717	0.605173	0.866699	-1.1538	0.940304	1.02076	1.02076	0.415809	0.796002	-1.25628	0.694263	1.11446	1.11446	0.000193474	0.178858	-5.59102	0.00306235	0.328739	-3.04193	0.0243944	0.479117	-2.08717	0.507518	1.20255	1.20255	0.0292681	0.494344	-2.02288	7.53372	8.97906	1.05942	1
cg06602594	SEC11A	0.0172747	0.223308	0.543723	-1.83917	0.293177	1.68082	1.68082	0.395541	1.51339	1.51339	0.309321	1.6504	1.6504	0.539269	1.34446	1.34446	0.000828424	0.0909612	-10.9937	0.022278	0.271316	-3.68574	0.49022	1.39619	1.39619	0.651686	1.2416	1.2416	4.94289	17.7525	3.19247	1
ch.15.1428207F	SEC11A	0.03014	0.0210662	0.225897	-4.42679	0.0102545	5.74704	5.74704	0.0413748	3.49993	3.49993	0.452658	0.670693	-1.491	0.0494372	0.303678	-3.29297	0.486901	1.44579	1.44579	0.209572	0.499528	-2.00189	0.662336	0.795343	-1.25732	0.955562	1.02944	1.02944	4.49222	18.8778	3.26848	1
ch.15.1428309F	SEC11A	0.0444663	0.0402382	0.607661	-1.64565	0.0192208	0.551366	-1.81368	0.0160825	0.538399	-1.85736	0.679765	1.09116	1.09116	0.603561	1.11641	1.11641	0.0205705	0.55636	-1.7974	0.0409178	0.608992	-1.64206	0.292557	0.794916	-1.258	0.204529	0.75472	-1.32499	3.5413	2.47784	0.621955	1
cg26854234	SEC11A	0.0462033	0.228542	0.773328	-1.29311	0.482879	1.1561	1.1561	0.682794	1.08716	1.08716	0.0181066	0.557758	-1.79289	0.620727	1.10678	1.10678	0.366529	0.828041	-1.20767	0.0334141	0.603162	-1.65793	0.0351904	1.64709	1.64709	0.116131	1.41528	1.41528	3.4908	2.28733	0.58244	1
cg12020954	SEC11A	0.0469592	0.00501733	0.403908	-2.47581	0.0676332	0.606549	-1.64867	0.159427	0.692678	-1.44367	0.281595	0.760881	-1.31427	0.035497	0.550017	-1.81813	0.0678761	0.60688	-1.64777	0.0176002	0.493931	-2.02457	0.623194	0.88609	-1.12855	0.0450913	0.570357	-1.75329	3.46955	3.27713	0.83959	1
cg06930095	SEC11A;SEC11A	0.0427861	0.42486	0.930779	-1.07437	0.0290494	1.25416	1.25416	0.0298611	1.25226	1.25226	0.0122988	0.760004	-1.31578	0.752236	1.02827	1.02827	0.62101	1.04484	1.04484	0.149428	0.872794	-1.14575	0.514582	0.943488	-1.0599	0.430973	1.07331	1.07331	3.59251	0.440821	0.109072	1
cg20143859	SEC11C	0.000265135	0.0312733	0.429085	-2.33054	5.75E-05	0.0821882	-12.1672	0.00217001	0.236753	-4.22381	0.013398	0.358615	-2.78851	0.000617533	0.171217	-5.84054	0.000857781	0.187037	-5.34654	0.000108323	0.101822	-9.82108	0.000248376	0.131972	-7.57735	0.0526959	0.478318	-2.09066	17.015	30.2142	1.57843	1
cg15358743	SEC11C	0.015547	0.987626	0.998524	-1.00148	0.000184266	1.82546	1.82546	0.435302	1.07876	1.07876	0.950892	0.994151	-1.00588	0.593238	1.05269	1.05269	0.448003	1.07643	1.07643	0.540633	0.942712	-1.06077	0.667724	0.959704	-1.04199	0.496913	1.0679	1.0679	5.1196	0.735498	0.127701	1
cg17832162	SEC11C	0.0228222	0.795029	0.964537	-1.03677	0.00166443	1.86607	1.86607	0.0176552	1.49229	1.49229	0.615122	0.932106	-1.07284	0.768374	1.04181	1.04181	0.858259	1.0251	1.0251	0.0578107	0.742688	-1.34646	0.393452	0.885824	-1.12889	0.261115	1.1765	1.1765	4.49686	1.36992	0.270791	1
cg20600053	SEC11C	0.0247025	0.0225874	0.755785	-1.32313	0.375833	1.09768	1.09768	0.194543	0.868735	-1.1511	0.59636	0.946665	-1.05634	0.162069	0.858064	-1.16541	0.802618	0.974645	-1.02601	0.00138594	0.621683	-1.60854	0.28426	0.892202	-1.12082	0.11876	1.18962	1.18962	4.3754	0.728607	0.148021	1
cg22091132	SEC11C	0.0306339	0.363809	1.07921	1.07921	0.135459	0.876837	-1.14046	0.677756	0.966444	-1.03472	0.123837	0.872727	-1.14583	0.0342418	0.817274	-1.22358	0.189987	0.892809	-1.12006	0.0077889	0.756487	-1.3219	0.0812674	1.17101	1.17101	0.100939	1.15805	1.15805	4.05656	0.428649	0.0939271	1
cg11786338	SEC11C	0.0352128	0.0467439	0.319171	-3.13311	0.00394887	0.143035	-6.99131	0.0181209	0.23706	-4.21833	0.809554	0.885943	-1.12874	0.129709	0.439964	-2.27291	0.382812	0.638329	-1.56659	0.0817847	0.380075	-2.63106	0.159556	2.12527	2.12527	0.777968	0.867805	-1.15233	3.85865	15.3746	3.54174	1
cg17302850	SEC13;SEC13;SEC13;SEC13	0.00209735	0.0186834	0.526237	-1.90028	0.111604	0.676861	-1.47741	0.0143388	0.506625	-1.97385	0.773019	1.0673	1.0673	0.000328411	0.270688	-3.69429	0.00143179	0.353979	-2.82502	0.00290652	0.397826	-2.51366	0.248576	1.31213	1.31213	0.0101276	0.481611	-2.07636	9.50917	7.63987	0.714152	1
cg20712659	SEC13;SEC13;SEC13;SEC13	0.00352423	0.00136358	0.299704	-3.33663	0.0999692	1.5957	1.5957	0.0702204	0.591733	-1.68995	0.990202	1.00319	1.00319	0.292856	0.75359	-1.32698	0.000752752	0.265823	-3.7619	0.0964766	1.605	1.605	0.25558	1.36029	1.36029	0.0220128	0.4906	-2.03832	8.15694	8.68287	0.946201	1
cg02053257	SEC13;SEC13;SEC13;SEC13	0.00457651	0.27766	0.736734	-1.35734	0.104433	0.618567	-1.61664	0.0106623	0.419448	-2.38409	0.00154104	0.291452	-3.4311	0.00736734	0.392737	-2.54623	0.0209122	0.471362	-2.12151	0.000597384	0.238423	-4.19422	0.384309	1.27304	1.27304	0.150433	0.658929	-1.51761	7.53904	8.74496	1.03107	1
cg24069188	SEC13;SEC13;SEC13;SEC13	0.0268341	0.0056504	0.457637	-2.18514	0.456432	0.84937	-1.17734	0.0478651	0.614511	-1.62731	0.0808359	0.659204	-1.51698	0.00383239	0.432131	-2.31412	0.127354	0.701256	-1.42601	0.195549	0.74479	-1.34266	0.247659	0.770925	-1.29714	0.00986736	0.49564	-2.01759	4.25084	3.11928	0.65227	1
cg04953385	SEC13;SEC13;SEC13;SEC13	0.0271297	0.138272	0.636065	-1.57217	0.173166	1.50823	1.50823	0.409755	1.26999	1.26999	0.436832	0.798605	-1.25218	0.875691	0.956587	-1.04538	0.638427	0.874426	-1.14361	0.00130295	0.265131	-3.77172	0.806438	1.07208	1.07208	0.0597343	1.8264	1.8264	4.23454	5.39082	1.13161	1
cg04060163	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.00158117	0.0124189	0.46016	-2.17316	0.0068924	2.39303	2.39303	0.0301523	1.88893	1.88893	0.000472534	3.93511	3.93511	0.092876	0.630518	-1.586	0.176316	1.43132	1.43132	0.00443683	0.387881	-2.57811	0.691111	1.10476	1.10476	0.413203	0.811653	-1.23205	10.3216	10.1723	0.876028	1
cg23891712	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.00490308	0.0703007	0.717385	-1.39395	0.830458	1.03583	1.03583	0.727162	0.944118	-1.05919	0.70541	0.939556	-1.06433	0.00275048	0.507477	-1.97053	0.000366759	0.39186	-2.55193	0.0225531	0.638624	-1.56587	0.359043	0.856566	-1.16745	0.00321706	0.516827	-1.93488	7.38256	3.1512	0.379418	1
cg04867652	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0104311	0.00196356	0.217274	-4.60249	0.0473345	0.453112	-2.20696	0.028224	0.404989	-2.4692	0.0453729	0.448977	-2.22728	0.0219052	0.383132	-2.61007	0.291066	0.682343	-1.46554	0.0039066	0.257891	-3.8776	0.362539	1.3861	1.3861	0.0174063	0.364179	-2.7459	5.83124	11.2405	1.71345	1
cg13868393	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0143067	0.011469	0.31953	-3.1296	0.56189	1.23558	1.23558	0.55201	0.804904	-1.24238	0.0373811	2.39018	2.39018	0.0327388	0.406105	-2.46242	0.112242	0.535935	-1.8659	0.00278542	0.226028	-4.42423	0.454229	0.759593	-1.31649	0.0544401	0.455145	-2.1971	5.26223	10.8434	1.83165	1
cg09431416	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0291086	0.0272166	0.338874	-2.95095	0.0425806	2.62919	2.62919	0.351625	1.48718	1.48718	0.677451	0.840983	-1.18908	0.052709	0.401794	-2.48884	0.00797315	0.244598	-4.08833	0.121464	0.499003	-2.004	0.355953	1.4816	1.4816	0.956361	0.977598	-1.02292	4.13077	11.2147	2.41325	1
cg11872645	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.000167144	5.71E-05	0.312736	-3.19759	0.137442	1.28267	1.28267	0.000154884	0.364775	-2.74142	0.0300787	0.672336	-1.48735	0.000323007	0.40449	-2.47225	0.00288934	0.528611	-1.89175	0.000146007	0.361634	-2.76523	0.444911	0.885868	-1.12884	0.00155792	0.492801	-2.02922	19.2855	7.39649	0.340912	1
cg15046304	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.00375659	0.00806408	2.48491	2.48491	0.000360095	4.64085	4.64085	0.0104223	2.37518	2.37518	0.0416192	1.87772	1.87772	0.18063	1.4642	1.4642	0.102735	1.61424	1.61424	0.00072643	3.9687	3.9687	0.0195036	2.13244	2.13244	0.418669	1.24814	1.24814	8.00224	9.11809	1.01284	1
cg12868545	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0113572	0.842046	0.966609	-1.03455	0.550915	1.10817	1.10817	0.863189	0.971069	-1.02979	0.0446905	0.675497	-1.48039	0.0325028	0.653106	-1.53114	0.000669926	0.412356	-2.42509	0.0150457	0.601308	-1.66304	0.317107	1.19248	1.19248	0.0521411	0.686595	-1.45646	5.67373	2.60351	0.407885	1
cg21811284	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0116177	0.00816754	2.88978	2.88978	0.00509089	3.1919	3.1919	0.0142217	2.58074	2.58074	0.0569461	1.96468	1.96468	0.0150738	2.55078	2.55078	0.0240496	2.32483	2.32483	0.369033	1.33538	1.33538	0.00314035	3.54564	3.54564	0.0285223	2.24824	2.24824	5.63228	8.76611	1.38347	1
cg14031381	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0177726	0.315964	1.4056	1.4056	0.00292406	3.8285	3.8285	0.0042142	3.51967	3.51967	0.174726	1.60644	1.60644	0.890881	0.955926	-1.04611	0.0401632	2.17848	2.17848	0.527671	0.810481	-1.23384	0.0217936	2.46967	2.46967	0.594953	0.83844	-1.19269	4.89601	8.36158	1.51808	1
cg06024215	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0233309	0.142583	1.78551	1.78551	0.0092937	3.36636	3.36636	0.124324	1.84428	1.84428	0.12234	1.85126	1.85126	0.326603	1.45138	1.45138	0.407161	1.36599	1.36599	0.00722024	3.57938	3.57938	0.00185502	5.07791	5.07791	0.0828298	2.02685	2.02685	4.46282	9.56241	1.90461	1
cg26477169	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0272415	0.631866	1.22448	1.22448	0.0375049	2.75284	2.75284	0.0246578	3.07248	3.07248	0.00776677	4.19612	4.19612	0.547797	0.77478	-1.29069	0.533592	0.767574	-1.30281	0.501298	0.751005	-1.33155	0.0116644	3.75243	3.75243	0.0578584	2.45876	2.45876	4.22843	11.7873	2.4779	1
cg03290827	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0377036	0.0796248	0.4745	-2.10748	0.210323	1.65839	1.65839	0.149748	1.80722	1.80722	0.909478	1.04455	1.04455	0.00568726	0.249099	-4.01447	0.390197	0.713622	-1.4013	0.0551753	0.434726	-2.3003	0.578892	1.23966	1.23966	0.0564937	0.437177	-2.28741	3.7639	8.75354	2.06725	1
cg14895302	SEC14L2	0.00535207	0.358928	0.88761	-1.12662	0.9299	0.988941	-1.01118	0.134222	0.815369	-1.22644	0.0351272	1.36371	1.36371	0.00149541	0.560673	-1.78357	0.0556674	1.31528	1.31528	0.00216867	1.72264	1.72264	0.272673	1.15522	1.15522	0.571796	1.07488	1.07488	7.18742	1.81829	0.224874	1
cg00365989	SEC14L2	0.0076639	0.016967	0.781452	-1.27967	0.0302641	1.24079	1.24079	0.0159656	1.28388	1.28388	0.522709	0.946611	-1.0564	0.0449907	1.21513	1.21513	0.0112313	1.30871	1.30871	0.023546	0.795281	-1.25742	0.219581	0.896427	-1.11554	0.37603	0.925942	-1.07998	6.43028	0.730544	0.100987	1
cg03673688	SEC14L2	0.0211694	0.473478	0.798329	-1.25262	0.00451365	3.21956	3.21956	0.0253154	2.27384	2.27384	0.199457	1.52016	1.52016	0.0175015	0.409254	-2.44347	0.366672	1.33177	1.33177	0.299301	0.71725	-1.39421	0.117086	1.69203	1.69203	0.697603	1.12821	1.12821	4.61435	6.97503	1.34364	1
cg00514628	SEC14L2	0.0352269	0.215333	0.657778	-1.52027	0.00895872	2.90869	2.90869	0.442679	1.28584	1.28584	0.338728	1.37264	1.37264	0.256296	1.46315	1.46315	0.0963221	1.79766	1.79766	0.0128581	0.370761	-2.69715	0.857332	0.943841	-1.0595	0.320007	0.718886	-1.39104	3.85809	6.30366	1.45234	1
cg22352499	SEC14L2;SEC14L2	2.14E-05	0.00530102	0.546012	-1.83146	0.909381	0.981426	-1.01893	0.337533	0.849753	-1.17681	0.244239	0.818236	-1.22214	8.24E-06	0.201401	-4.96521	1.94E-06	0.143552	-6.9661	2.38E-05	0.249551	-4.0072	0.359404	1.16786	1.16786	0.00304945	0.51259	-1.95088	33.2869	14.2947	0.381725	1
cg08076555	SEC14L2;SEC14L2	0.0337958	0.591251	0.794181	-1.25916	0.539993	1.30178	1.30178	0.318202	0.644971	-1.55046	0.767056	0.881372	-1.13459	0.178191	0.54438	-1.83695	0.847659	0.921499	-1.08519	0.00438301	5.04001	5.04001	0.0539994	0.394645	-2.53393	0.0281349	3.01075	3.01075	3.91633	11.2077	2.5438	1
cg00562151	SEC14L2;SEC14L2	0.0450161	0.500418	1.07665	1.07665	0.0121347	1.40157	1.40157	0.00350274	1.53369	1.53369	0.180428	1.166	1.166	0.954006	1.00625	1.00625	0.583424	0.941953	-1.06162	0.793559	0.972079	-1.02872	0.0733888	1.24056	1.24056	0.138807	1.18774	1.18774	3.52505	0.650928	0.16414	1
cg14452140	SEC14L2;SEC14L2	0.0462127	0.637947	0.910171	-1.09869	0.291012	1.24308	1.24308	0.604103	1.10946	1.10946	0.0333355	0.610258	-1.63865	0.149181	0.735533	-1.35956	0.0257206	0.590936	-1.69223	0.00450588	0.471516	-2.12082	0.993839	0.998468	-1.00153	0.759632	0.940879	-1.06284	3.49053	2.17998	0.555147	1
cg25033817	SEC14L2;SEC14L2;SEC14L2;SEC14L2	0.0180675	0.73379	1.20693	1.20693	0.000258877	0.0364434	-27.4398	0.742774	1.19895	1.19895	0.868357	1.0957	1.0957	0.232623	0.501755	-1.993	0.566256	1.37637	1.37637	0.740736	0.832809	-1.20075	0.514394	1.4395	1.4395	0.792422	0.864747	-1.15641	4.869	23.4097	4.2737	1
cg22758846	SEC14L3	0.000310764	0.309	0.851305	-1.17467	0.00111618	0.479947	-2.08356	0.000586338	0.443806	-2.25324	0.45988	0.891319	-1.12193	2.87E-05	0.284729	-3.51211	0.736029	1.0531	1.0531	0.00936809	1.65499	1.65499	0.0947587	1.32415	1.32415	0.0484609	0.708423	-1.41159	16.2921	6.03253	0.329131	1
cg00958204	SEC14L3	0.00221529	0.959704	1.00788	1.00788	0.00649805	0.57735	-1.73205	0.0398252	0.69141	-1.44632	0.0683436	1.37288	1.37288	0.000798289	0.455513	-2.19533	0.133935	0.778019	-1.28532	0.00148449	2.03764	2.03764	0.897548	0.980195	-1.02021	0.329228	1.16925	1.16925	9.3583	3.5741	0.339483	1
cg18294257	SEC14L3	0.0024489	0.0557523	0.592201	-1.68862	0.000528823	0.271225	-3.68698	0.0385517	0.560294	-1.78478	0.0403155	0.564072	-1.77282	0.00173697	0.339733	-2.94349	0.00697673	0.430183	-2.32459	0.00136668	0.325285	-3.07423	0.00140975	0.327137	-3.05683	0.244897	0.745258	-1.34182	9.08708	8.40884	0.822545	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg15193228	SEC14L3	0.02115655	0.0035501	-2.04655	-4.05385	-2.034323	0.416925	-2.39851	0.01111351	0.322806	-3.08827	0.002606007	0.228008	-4.38581	0.0644853	0.479035	-2.08753	0.106529	0.535529	-1.86731	0.1554141	0.583528	-1.71375	0.00621108	0.2824611	-3.54032	0.0273474	0.396494	-2.52211	5.64044	11.2171	1.76773	1
cg13166875	SEC14L3	0.01465115	0.0286965	0.4895135	-2.04275	0.00735365	0.384321	-2.60199	0.15774	0.658286	-1.5191	0.177101	0.672263	-1.48751	0.0417845	0.345642	-2.89317	0.391724	0.784352	-1.27494	0.0223897	0.468894	-2.13268	0.00396164	0.3421228	-2.92289	0.551339	1.181156	1.18156	5.221108	6.33569	1.07865	1
cg13007794	SEC14L4/SEC14L4	0.00302084	0.0701715	0.667525	-1.49807	0.260086	1.26433	1.26433	0.0241312	0.584558	-1.71069	0.229955	0.777647	-1.28593	0.0157228	0.553762	-1.80583	0.078473	0.676892	-1.47734	0.000553138	0.342887	-2.91642	2.55E-05	5.3091	5.3091	0.620709	0.905205	-1.10472	16.1499	10.1963	0.561204	1
cg07217063	SEC14L4/SEC14L4	0.00037547	0.035476	1.43611	1.43611	4.72E-05	3.10834	3.10834	0.04162603	2.7066	-1.41523	0.2374072	2.0008	1.2008	0.1518631	1.254701	1.254701	0.0100934	1.6159	1.6159	6.05E-05	2.99028	2.99028	0.00419559	1.76292	1.76292	0.0844184	1.32604	1.32604	15.4681	5.35428	0.307688	1
cg01245880	SEC14L4/SEC14L4	0.00104915	0.3633398	1.03974	1.03974	0.647705	0.901122	-1.10973	0.00657403	0.440897	-2.22273	0.000402924	0.279926	-3.57237	0.005787	0.441253	-2.26628	0.97856	0.993937	-1.0061	0.00364956	0.410732	-2.43468	0.000846906	0.321528	-3.11209	11.6074	9.41453	0.720961	1
cg19966461	SEC14L4/SEC14L4	0.00150741	0.008442	3.7869	3.7869	0.00155674	5.99798	5.99798	0.145278	1.851156	1.85156	2.209674	1.68334	1.68334	0.00955986	3.64221	3.64221	0.082547	2.13274	2.13274	0.000304427	14.9018	14.9018	0.000736246	7.53837	7.53837	0.0156698	3.21177	3.21177	10.4647	25.7542	2.1842	1
cg26957988	SEC14L4/SEC14L4	0.00268299	0.209766	0.708528	-1.41138	0.145873	1.50229	1.50229	0.0475256	0.553867	-1.80549	0.824005	0.943591	-1.05978	9.47E-05	0.163163	-6.12882	0.785678	0.931414	-1.07364	0.514867	1.18786	1.18786	0.00774309	0.409994	-2.43906	0.00966165	0.425875	-2.34811	8.84589	9.51963	0.956591	1
cg15829116	SEC14L4/SEC14L4	0.00940307	0.0251071	1.96817	1.96817	0.0157738	1.26136	1.26136	0.311846	1.28777	1.28777	0.116178	1.539237	1.55927	0.1751153	0.694715	-1.43944	0.08946003	2.33648	2.33648	0.00188199	3.04442	3.04442	0.00291851	2.80976	2.80976	0.0770089	1.64334	1.64334	6.02785	6.09247	0.899419	1
cg03014622	SEC14L4/SEC14L4	0.01511184	0.0709096	2.80065	2.80065	0.00897692	5.45165	5.45165	0.165444	2.12769	2.12769	0.138484	2.25691	2.25691	0.0155937	3.01926	3.01926	0.0530823	3.07028	3.07028	0.00916116	12.5387	12.5387	0.0100523	5.2493	5.2493	0.0598592	2.95551	2.95551	5.16724	21.3175	3.667313	1
cg02932364	SEC14L4/SEC14L4/SEC14L4/SEC14L4	0.00359322	0.00828608	3.06556	3.06556	0.00183612	4.34298	4.34298	0.108162	1.78901	1.78901	0.165166	1.63445	1.63445	0.0184858	2.58102	2.58102	0.00626012	3.26157	3.26157	0.000392212	6.51922	6.51922	0.00370395	3.67461	3.67461	0.0587526	2.0309	2.0309	8.10972	14.1452	1.55042	1
cg00093544	SEC14L4/SEC14L4/SEC14L4/SEC14L4	0.00660859	0.0288952	2.26231	2.26231	0.00775183	2.94644	2.94644	0.106798	1.74549	1.74549	0.194223	1.54418	1.54418	0.0170182	2.515045	2.515045	0.00485736	3.25919	3.25919	0.000597888	5.34282	5.34282	0.00438149	3.24502	3.24502	0.0586145	1.9657	1.9657	6.73464	10.675	1.40897	1
cg03410632	SEC14L5	3.26E-05	0.0191947	0.543899	-1.83858	0.011077	0.462239	-2.16338	0.148571	1.45549	1.45549	0.84982	0.95512	-1.04699	5.42E-07	0.034387	-29.0807	0.000675531	0.283913	-3.52221	0.274731	1.31691	1.31691	0.798024	1.06409	1.06409	0.000658024	0.282454	-3.5404	29.7964	27.692	0.826108	1
cg09095551	SEC14L5	0.00059836	0.17879	0.676618	-1.47794	0.038612	1.9251	1.9251	0.162621	0.726561	-1.37634	0.97026	0.989856	-1.01025	0.0189067	0.459542	-2.17508	0.515261	0.834897	-1.19775	0.0250013	0.482215	-2.07373	3.38E-05	0.08275	0.08275	0.296861	1.34412	1.34412	11.9575	14.1063	1.05303	1
cg05102869	SEC14L5	0.00172541	0.5947099	1.01367	1.01367	0.446736	0.879359	-1.13719	0.02470555	0.641895	-1.55789	0.0869241	1.36805	1.36805	0.731102	0.244617	-1.05885	0.05815104	1.42613	1.42613	0.000432161	0.397387	-2.51644	0.479396	0.8876536	-1.12659	0.000236383	0.364233	-2.7455	10.0645	4.38042	0.386877	1
cg16344234	SEC14L5	0.00193708	0.00407828	3.26152	3.26152	0.00405473	0.246148	2.00609	0.0317681	1.34972	1.34972	0.0671923	2.73828	2.73828	0.029881	2.47619	2.1	0.111945	1.65298	1.65298	0.0149638	0.419351	-2.38374	0.003359	2.90288	2.90288	0.731429	0.898435	-1.11305	0.73026	12.9943	1.18685	1
cg02607807	SEC14L5	0.00398888	0.0754831	2.22353	2.22353	0.00357115	0.150028	-2.66544	0.788153	0.873832	-1.13774	0.547705	0.7473441	-1.33843	0.000904359	0.202644	-4.93407	0.053017	0.348718	0.2865496	0.00501528	0.07042398	-13.4699	0.03976552	0.320114	-3.12389	0.0547716	0.152113	-2.83999	7.85909	28.5761	2.23205	1
cg01206774	SEC14L5	0.02225384	0.4556098	0.610878	-1.63699	0.0887002	0.295776	-3.38093	0.0348379	0.202796	-4.93106	0.495741	0.6384572	-1.56628	0.00668712	0.102056	-9.79856	0.143042	0.358094	-2.79257	0.000972788	0.0414132	-24.1359	0.1656515	0.383183	-2.60972	0.145155	0.362434	-2.75912	4.53572	30.2301	5.92435	1
cg01679415	SEC14L5	0.02855373	0.3464577	0.709225	-1.37076	0.0236789	2.040142	2.040142	0.0844513	0.938909	-1.06507	0.9155518	1.002601	1.002601	0.0011853	0.3555537	-2.81265	0.08644001	0.540062	-1.85164	0.008224	0.332999	-3.00301	0.166995	0.6192271	-1.6148	0.990779	0.996248	-1.00377	4.15981	6.97055	5.44895	1
cg01879547	SEC14L5	5.52E-05	0.0474245	2.02023	1.36803	1.61E-05	0.357189	-2.79944	1.27E-05	0.545598	-2.89353	0.974308	1.003573	1.003573	0.0139742	0.547705	-1.82641	0.133843	0.00096459	0.0026444	-10.7941	0.1240342	0.358094	-2.79257	0.000972788	0.0414132	-24.1359	0.1656515	0.383183	-2.60972	0.145155	0.362434	-2.75912	4.53572	30.2301	5.92435	1
cg01679415	SEC14L5	0.02855373	0.3464577	0.709225	-1.37076	0.0236789	2.040142	2.040142	0.0844513	0.938909	-1.06507	0.9155518	1.002601	1.002601	0.0011853	0.3555537	-2.81265	0.08644001	0.540062	-1.85164	0.008224	0.332999	-3.00301	0.166995	0.6192271	-1.6148	0.990779	0.996248	-1.00377	4.15981	6.97055	5.44895	1
cg18879547	SEC14L5	5.52E-05	0.0474245	2.02023	1.36803	1.61E-05	0.357189	-2.79944	1.27E-05	0.545598	-2.89353	0.974308	1.003573	1.003573	0.0139742	0.547705	-1.82641	0.133843	0.00096459	0.0026444	-10.7941	0.1240342	0.358094	-2.79257	0.000972788	0.0414132	-24.1359	0.1656515	0.383183	-2.60972	0.145155	0.362434	-2.75912	4.53572	30.2301	5.92435	1
cg14456034	SEC16A	0.00011562	0.0990615	0.672763	-1.48641	0.00105775	0.345954	-2.89056	0.00122029	0.354407	-2.82161	0.000102927	0.221701	-4.51057	0.0015155	0.3674	-2.72183	0.000228465	0.26129	-3.82717	9.41E-06	0.123038	-8.12755	0.180823	0.732387	-1.3654	0.000667347	0.319356	-3.1313	21.296	16.2047	0.676378	1
cg01605083	SEC16A	0.0038989	0.2584663	1.12371	1.12371	0.00315492	0.1778	-5.62367	0.00134329	0.534421	-1.87119	0.249887	1.12632	1.12632	0.000115792	0.537005	-1.86252	0.0692363	1.22273	1.22273	0.0128568	1.35743	1.35743	0.784993	1.02742	1.02742	0.388671	0.916314	1.09133	15.2117	2.35766	0.337768	1
cg01315307	SEC16A	0.00155244	0.791869	1.04641	1.04641	0.156181	0.770873	-1.29723	0.652588	1.08084	1.08084	0.000677693	0.410168	-2.43802	0.814954	1.04104	1.04104	0.007366649	0.592576	-1.8084	0.00134517	0.449742	-2.2235	0.6606516	0.927008	-1.07874	0.000319821	0.342586	-2.91888	10.3764	4.83606	0.414281	1
cg13783657	SEC16A	0.00165257	0.0719105	1.39008	1.39008	0.00809782	2.25084	2.25084	0.0908979	1.82384	1.82384	0.000809759	0.547623	-1.82633	0.4448827	0.739661	-1.35202	0.0255592	1.41502	1.41502	0.0139586	0.710696	1.40825	0.1446268	1.00096	1.00096	0.00215511	1.7571	1.7571	9.08737	1.0214	0.110908	2.29339	0.2241036	1
cg13458875	SEC16A	0.00413164	0.146346	0.770519	-1.29783	0.010659	0.584625	-1.7105	0.00766443	0.563826	-1.7736	0.0144062	0.603948	-1.65577	0.00266912	0.499376	2.0025	0.808552	0.960227	-1.04142	0.0137557	1.664	1.664	0.123571	1.32164	1.32164	0.250269	1.22246	1.22246	7.77616	3.44268	0.393532	1
cg14622104	SEC16A	0.00767032	0.654975	1.13722	1.13722	0.79666	1.07661	1.07661	0.401765	0.782434	-1.27806	0.927152	0.974195	-1.02649	0.00112253	0.258703	1.86544	0.00261864	0.303826	-3.29136	0.00209742	0.290191	-3.44601	0.360939	0.764525	-1.308	0.108616	0.606327	-1.64927	0.428959	8.32186	1.15067	1
cg03721154	SEC16A	0.00926261	0.20923	0.691404	-1.44633	0.00027619	0.190262	-5.25391	0.00797136	0.401698	-2.48943	0.612124	0.884304	-1.13083	0.00258478	0.480558	2.08055	0.843814	0.946494	-1.05653	0.1220778	0.625545	-1.59861	0.497805	0.8253388	-1.21155	0.389475	1.27875	1.27875	0.65678	7.45712	1.6044	1
cg12294260	SEC16A	0.0101334	0.3050651	1.21494	1.21494	0.0757329	0.696019	-1.43674	0.0071218	1.89124	1.89124	0.0424521	0.651577	-1.53474	0.595908	1.10309	1.10309	0.00252849	0.463711	2.15651	0.0747112	1.43898	1.43898	0.437537	0.8648867	-1.15625	0.883285	1.0273	1.0273	1.88561	3.1326	0.473109	1
cg01279532	SEC16A	0.0018681	0.2933315	0.666086	-1.49953	0.0049343	0.422959	-2.36429	0.334015	0.688827	-1.45174	0.320888	0.7972258	-1.25429	0.00135853	0.355537	-2.81265	0.020146	0.152879	-6.53981	0.0020248	0.158209	-6.31992	0.0910353	0.1643204	-6.08831	0.263028	0.4082	-2.45043	0.447147	10.5323	1.94456	1
cg14180561	SEC16A	0.0330292	0.625776	1.01611	1.01611	0.43679	0.849783	-1.17677	0.027789	0.586477	-1.7051	0.0555757	0.640735	-1.56071	0.0104207	0.515925	-1.91827	0.0210586	0.123505	1.21305	0.0114515	1.739311	1.739311	0.262047	1.96554	1.96554	0.0195568	0.542517	0.88118	1.13484	1.9488	1.633111	0.592722	1
cg13442728	SEC16A	0.0151911	0.0314749	0.708114	-1.4122	0.273464	0.85563	-1.16873	0.0159355	0.667775	-1.49751	0.0299567	0.705102	-1.41817	0.0114021	0.648399	-1.54226	0.264544	0.852916	-1.17245	0.386023	1.12928	1.12928	0.0316351	0.708401	-1.41159	0.0607563	0.748848	-1.33538	3.85952	1.1441	0.263498	1
cg13972353	SEC16A	0.1454304	0.1870435	1.28734	1.28734	0.0258719	0.923752	-1.53267	0.0018396	1.36554	1.36554	0.0015268	1.37426	1.37426	0.356189	1.184558	1.184558	0.6455625	1.14882	1.14882	0.1484179	1.18179	1.18179	0.317178	0.98335	-1.01691	0.099738	0.999947	-1.00005	3.62259	0.4849	0.366811	1
cg02062191	SEC16A;C9orf163	0.0125001	0.0496991	0.440277	-2.2713	0.401914	1.36937	-1.36937	0.2314413	1.584	1.584	0.000385908	0.125546	-7.96518	0.0189138	1.20168	1.20168	0.31368	1.46495	1.46495	0.326871	1.44902	1.44902	0.625759	1.19734	1.19734	0.691795	1.1572	1.1572	5.50002	11.6956	1.89019	1
cg44684413	SEC16B	0.0015909	0.1380268	1.38004	1.38004	0.00369782	2.25084	2.25084	0.0908979	1.82384	1.82384	0.000809759	0.547623	-1.82633	0.4448827	0.739661	-1.35202	0.0255592	1.41502	1.41502	0.0139586	0.710696	1.40825	0.1446268	1.00096	1.00096	0.00215511	1.7571	1.7571	9.08737	1.0214	0.110908	2.29339	0.2241036	1
cg04408858	SEC16B	0.0115046	0.0036235	0.208643	-4.79288	0.799392	0.903602	-1.10668	0.0371254	0.381636	-2.6203	0.332031	0.671426	-1.48937	0.00707257	0.250201	3.99678	0.138039	0.52958	-1.88829	0.00234842	0.184543	-5.4188	0.934155	1.03344	1.03344	0.0109341	0.2804466	-3.56574	5.65013	14.1785	2.23058	1
cg24976611	SEC16B	0.0267595	0.510598	0.785381	-1.27327	0.0259228	0.383955	-2.60447	0.00316324	0.232277	-4.3052	0.0521567	0.449491	-2.22474	0.00636099	0.276536	3.61617	0.0262001	0.384883	-2.59819	0.189964	0.604987	-1.65293	0.559806	0.807777	-1.23797	0.114369	0.537033	-1.86208	0.4254549	8.83184	1.84502	1
cg02880940	SEC16B	0.0490193	0.2676796	0.714717	-1.39896	0.0178504	0.196804	-5.08125	0.0150018	0.406077	-2.46233	0.0800979	0.756623	-1.32133	0.444867	0.739723	3.61617	0.0704661	0.374778	-2.66996	0.0454842	0.270719	-3.69337	0.2750234	0.5089596	-1.96442	0.0396055	0.4954328	-2.01783	0.5242348	7.72428	0.6966775	0.4543128	-2.20162	0.62348	7.2024	1.32627	1
cg15967501	SEC1;CA11	0.00244944	0.0209638	0.282783	-3.53628	0.00687826	2.95581	2.95581	0.0550723	1.96138	1.96138	0.100706	0.57302	-1.74514	0.00773172	0.346573	2.8854	0.157265	0.625979	-1.5975	0.00125092	0.232277	-4.3052	0.0624451	0.5223328	-1.91451	0.328304	0.731617	-1.36683	0.08648	13.8042	1.3504	1
cg01216161	SEC1;CA5D	0.00045233	0.00890179	0.109677	-9.11973	0.0139796	0.248099	-4.02972	0.0121556	0.385385	2.59585	0.574769	0.7018277	-1.42475	0.00124839	0.270884	4.18754	0.2397014	0.1652	6.05305	0.00058202	0.0866387	-11.7885	0.4647476	0.7208661	-1.38756	0.173613	0.164768	2.67649	0.4364737	30.1665	0.121333	1
cg01700415	SEC1;DBP	7.44E-06	6.07E-08	0.0232334	-43.0304	0.635868	0.907206	-1.10229	0.100086	0.692192	-1.44469	0.094777	1.45486	1.45486	0.588581	0.894489	-1.11796	0.717188	0.87871	-1.07871	0.285181	1.25444	1.25444	0.136888	1.38704	1.38704	0.494688	1.1521	1.1521	13.8025	28.9216	0.586909	1
cg16740905	SEC1;DBP	0.0196586	0.499942	0.902593	-1.10792	0.04566	1.4091	1.4091	0.109183	1.29879	1.29879	0.897738	1.01943	1.01943	0.300156	1.17432	1.17432	0.326691	1.16363	1.16363	0.000381452	2.33743	2.33743	0.218166	1.21393	1.21393	0.183839	1.23494	1.23494	4.73214	1.67879	0.315345	1
cg04539960	SEC1;DBP	0.049174	0.90934	1.067592	1.067592	0.6911	1.21578	1.21578	0.213424	1.039707	-1.60383	0.0194282	0.8407005	-1.18952	0.0124889	0.5172	-1.93305	0.0625807	0.539369	-1.85402	0.0209705	0.7202848	-1.38845	0.4474447	0.8183855	-1.22291	0.2514293	0.4471347	2.23614	0.1008853	1.4	0.100853	1
cg13670615	SEC1;DBP;DBP	0.00367527	0.5133345	1.07024	1.07024	0.718471	1.03972	-1.03972	0.899831	1.01364	1.01364	0.727656	0.963081	-1.03833	0.0285908	0.757363	-1.32037	0.59675	0.944167	-1.05913	0.4485	0.435412	-2.29668	0.254563	0.87985	-1.13656	0.467026	0.9234453	-1.08289	0.055	1.47609	0.162989	1
cg23485172	SEC1;NTN5	0.00307373	0.0030107	0.2144	-4.66233	0.00027619	0.190262	-5.25391	0.00797136	0.401698	-2.48943	0.612124	0.884304	-1.13083	0.00258478	0.480558	2.08055	0.843814	0.946494	-1.05653	0.1220778	0.625545	-1.59861	0.497805	0.8253388	-1.21155	0.389475	1.27875	1.27875	0.65678	7.45712	1.6044	1
cg03100511	SEC1;NTN5	0.00229917	0.0011170	0.340225	-2.93924	0.00623182	0.448975	-2.2273	0.00979168	0.480235	-2.0824	0.326903	0.796668	-1.25523	0.000334059	0.272584	-3.66859	0.00112942	0.340872	-2.93365	0.0614234	0.6227	-1.60591	0.196672	0.735951	-1.35879	0.0130385	0.500676	-1.9973	0.25698	7.39567	0.710159	1
cg05218430	SEC1;NTN5	0.00877233	0.0877856	0.737966	-2.67274	0.0384106	0.06553538	1.5193	0.0049834	0.1846	-5.41917	0.3110192	0.5812351	-1.72454	0.00149233	0.217934	-4.59371	0.140457	0.440765	-2.26878	0.0064693	0.1005	-9.95025	0.0731451	0.2975443	-3.63052	0.047701	0.2045005	-4.44029	0.5412123	26.0983	0.757741	1
cg02549834	SEC1;NTN5	0.0140939	0.0533467	0.713398	-1.40174	0.00205707	1.5642	1.5642	0.0009682	1.65864	1.65864	0.278117	1.05605	1.05605	0.0185705	0.928176	1.01412	0.0930582	1.33281	1.33281	0.186563	1.24322	1.24322	0.247426	1.32087	1.32087	0.1630313	0.758253	1.31382	5.28826	2.02488	0.340357	1
cg24220897	SEC1;NTN5	0.0234227	0.890216	1.02801	1.02801	0.536207	1.1335	1.1335	0.0024304	0.429826	-2.32652	0.631888	0.907952	-1.10138	0.228527	0.776594	-1.28767	0.444008	1.16897	1.16897	0.0470511	1.5757	1.5757	0.232224	0.778297	-1.28486	0.0157222	0.553101	-1.80799	4.45677	2.82513	0.563464	1
cg00725158	SEC22A	0.0048243	0.0099353	0.178251	-5.61009	0.0132496	0.523752	-1.9104	0.0254254	0.2485283	-4.02413	-1.33663	0.0824353	1.58837	0.0016485	0.160426	2.41428	0.1349429	0.1294	7.72837	0.0013885	0.107528	-9.29993	0.1294027	0.1881	7.31642	0.0029911	0.1466967	-6.81844	0.2004	-1.00622	31.8304	0.314741	1
cg03922175	SEC22A	0.0234465	0.0723566	0.577854	-1.73054	0.02245697	0.315943	-3.16513	0.0841086	0.592916	-1.68568	0.7137757	1.10601	1.10601	0.509155	0.832636	1.201	0.192625	1.45811	1.45811	0.731034	1.09897	1.09897	0.347589	0.767582	-1.30279	0.0075821	0.390895	-2.55823	4.6552	5.27817	1.05309	1
cg14553619	SEC22A	0.0250216	0.7444062	0.974707	-1.08752	0.00756752	0.41241	-2.42477	0.1532244	0.674805	-1.48191	0.2350561	0.7267321	-1.37602	0.4273905	0.812556	-1.23068	0.00981939	0.424776	-2.35509	0.0947016	0.612152	1.63312	0.4723051	0.8290328	-1.20623	0.000869304	0.434124	-2.3578	4.59553	4.538665	0.92605	1
cg22620680	SEC22A	0.0297716	0.209388	0.87382	-1.14477	0.1137152	1.1773	1.1773	0.1481559	1.170979	1.170979	0.191846	0.8686518	-1.15125	0.824639	1.02288	1.02288	0.1183451	1.15475	1.15475	0.00259791	0.6535518	0.53018	-1.88643	0.1178111	0.8490411	-1.18904	0.4086902	1.0899	1.08997	4.07993	0.674534	1
cg04425981	SEC22A	0.0118418	0.659624	1.0699	1.0699	0.00205053	1.93903	1.93903	0.0826982	1.48199	1.48199	0.036542	1.44831	1.44831	0.123207	1.28988	1.28988	0.20915	0.817261	-1.2236	0.192546	1.23397	1.23397	0.145456	1.26907	1.26907	0.450693	1.12429	1.12429	4.00097	1.47241	0.327123	1
cg02770887	SEC22A	0.0340655	0.0864193	0.744554	-1.34315	0.0244777	0.404567	-2.47138	0.1325	0.680673	-1.46914	0.2507887	0.8765441	-1.14085	0.1025227	0.8402312	1.20779	0.1014307	0.7550134	-1.32434	0.0113267	0.253625	-3.94283	0.2220705	0.7224048	0.0967775	0.454328	0.2009158	0.7212	0.62348	7.2024	1.32627	1
cg04606039	SEC22A	0.0341087	0.0972789	0.793891	-1.25962	0.427177	0.902281	-1.1083	0.359331	1.12698	1.12698	0.118221	1.24004	1.24004	0.157383	0.825492	-1.2114	0.6375	1.06205	1.06205	0.00183811	0.5705335	-1.75274	0.324063	1.13789	1.13789	0.782823	0.9655561	-1.03567	3.90334	0.994531	0.22648	1
cg12319970	SEC23A	0.0052634	0.93543	1.00199	1.00199	0.0875311	1.56631	1.56582	0.0023702	2.1676	2.1676	0.133699	1.56617	1.56617	0.000538123	2.923682	2.47057	0.119627	1.56218	1.56218	0.0132789	1.3043	1.3043	0.0078916	0.9511999	-1.05149	0.0796692	2.32014	1.28314	5.56469	0.693576	0.159384	1
cg26930880	SEC23A	0.0113517	0.7390646	0.83575	1.03575	0.10963	1.20111	1.20111	0.022549	0.750513	-1.33242	0.9586808	0.825744	-1.21103	0.0100268	1.40705	1.40705	0.04821208	0.7604644	-1.31499	2.31E-06	0.2473113	-0.44346	0.1745004	0.8393305	-1.19146	0.0015479	0.575718	-1.73696	39.8339	8.28047	0.207093	1
cg25133786	SEC23B	1.82E-05	0.00184881	2.22515	2.22515	0.0176386	1.68605	1.68605	0.7737371	0.940918	-1.06279	0.061087	0.68255	-1.46509	0.194657	1.28178	1.28178	0.627172	0.91524	-1.09261	1.01E-06	0.0980106	-10.203	1.55E-05	0.198514	-5.03743	0.563689	0.899764	-1.1114	34.7182	18.0038	0.46095	1
cg04841346	SEC23B	0.0099353	0.0178251	0.559483	-1.78725	0.0132496	0.523752	-1.9104	0.0254254	0.2485283	-4.02413	-1.33663	0.0824353	1.58837	0.0016485	0.160426	2.41428	0.1349429	0.1294	7.72837	0.0013885	0.107528	-9.29993	0.1294027	0.1881	7.31642	0.0029911	0.1466967	-6.81844	0.2004	-1.00622	31.8304	0.314741	1
cg23027157	SEC23C	0.00810727	0.0884308	0.466234	-2.14485	0.31479	0.64554	-1.54909	0.00916406	0.248238	-4.0284	0.0153872	0.276453	-3.61725	0.000258469	0.102997	9.70903	0.006074333	0.221251	-4.51974	0.0158839	0.357778	-2.79503	0.0959536	0.463091	-2.1594	0.0231142	0.138665	-3.13809	6.3176	17.7379	2.49573

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13921204	SEC61A2;SEC61A2;SEC61A2;SEC61A2;SEC61A2	0.0493658	0.166445	0.869789	-1.1497	0.164179	0.869051	-1.15068	0.111431	1.17814	1.17814	0.493404	1.06798	1.06798	0.27871	0.89898	-1.11237
cg00945507	SEC61G;SEC61G	0.0271742	0.0261917	0.234581	-4.26293	0.501623	0.687362	-1.45484	0.17734	0.454693	-2.19929	0.393187	0.618281	-1.61739	0.0393434	0.269694	-3.7079
cg03207732	SEC61G;SEC61G	0.0324391	0.537768	1.06597	1.06597	0.77332	0.970862	-1.03001	0.852213	1.01928	1.01928	0.601722	0.947509	-1.0554	0.749059	0.967673	-1.03341
cg15661415	SEC61G;SEC61G	0.0342636	0.0403966	0.221049	-4.52388	0.0261104	0.185843	-5.3809	0.0632681	0.264029	-3.78746	0.278623	0.487634	-2.05072	0.019285	0.164563	-6.07669
cg26678143	SEC62	0.00741919	0.46073	0.807985	-1.23765	0.387639	1.28582	1.28582	0.687781	1.12153	1.12153	0.14181	1.56589	1.56589	0.00251027	0.303721	-3.29249
cg10936995	SEC62	0.0190727	0.114997	0.596327	-1.67693	0.0123807	0.39095	-2.55787	0.950974	0.981624	-1.01872	0.996505	0.99868	-1.00132	0.0109039	0.381368	-2.62214
cg09682272	SEC63	0.00347647	0.081595	0.713753	-1.40104	0.707544	0.936277	-1.06806	0.0365933	1.52863	1.52863	0.499734	0.887192	-1.12715	0.000257075	0.349482	-2.86138
cg00669964	SEC63	0.0173891	0.570621	0.91294	-1.09536	0.00210735	0.502989	-1.98812	0.0095846	0.59378	-1.68413	0.603255	0.920049	-1.0869	0.920537	0.984268	-1.01598
cg06620353	SEC63	0.041305	0.024055	2.33251	2.33251	0.115372	0.583488	-1.71383	0.00941904	0.354922	-2.81752	0.228181	1.48896	1.48896	0.417429	1.29798	1.29798
cg14139679	SECISBP2	0.0150721	0.201316	0.625701	-1.59821	0.628228	0.844052	-1.18476	0.150372	0.585285	-1.70857	0.727159	1.12943	1.12943	0.00206916	0.221553	-4.51358
cg13141289	SECISBP2L	0.00309868	0.0333679	0.719346	-1.39015	0.0864581	0.778094	-1.28519	0.0157127	1.48027	1.48027	0.496478	1.09579	1.09579	0.235419	0.84811	-1.17909
cg27584171	SECISBP2L	0.0110788	0.357763	1.14018	1.14018	0.000768138	2.02721	2.02721	0.35491	0.876331	-1.14112	0.729783	1.04927	1.04927	0.0602655	0.745319	-1.34171
cg24507955	SECISBP2L	0.0112563	0.00380027	0.222185	-4.50075	0.0162393	3.104	3.104	0.0464926	2.40762	2.40762	0.795626	0.904821	-1.10519	0.091718	0.488958	-2.04516
cg08908843	SECISBP2L	0.0362207	0.0156879	0.190253	-5.25616	0.00848929	0.152219	-6.5695	0.205661	0.47327	-2.11296	0.108098	0.374455	-2.67055	0.0187077	0.202568	-4.9366
cg00304072	SECISBP2L;SECISBP2L	0.0416667	0.11318	0.778163	-1.28508	0.211252	0.825618	-1.21121	0.321722	0.86162	-1.1606	0.0727467	0.747327	-1.3381	0.019058	0.661739	-1.51117
cg09237133	SECTM1	1.96E-06	0.00630576	0.372259	-2.6863	0.000309108	5.08496	5.08496	5.88E-05	0.126649	-7.89583	0.0110042	0.412284	-2.42551	1.14E-05	0.0752038	-13.2972
cg09340279	SECTM1	1.54E-05	0.00236352	0.26215	-3.81461	0.120799	1.70093	1.70093	0.000373711	0.165868	-6.02888	0.0483926	0.490645	-2.03813	8.26E-06	0.0463691	-21.5661
cg27666046	SECTM1	3.12E-05	7.58E-05	0.161057	-6.20898	0.00035406	0.232384	-4.30323	0.0068559	0.410371	-2.43682	0.0105736	0.4413	-2.26603	3.38E-05	0.129599	-7.71609
cg14728380	SECTM1	0.000161667	0.144108	0.591857	-1.6896	0.04151	0.455811	-2.19389	0.000499843	0.162042	-6.17126	0.906039	0.961301	-1.04026	8.32E-05	0.0937136	-10.6708
cg26312191	SECTM1	0.000311021	0.000189089	0.26517	-3.77117	0.0648203	0.645803	-1.54846	0.0095408	0.500465	-1.99814	0.0530091	0.629	-1.58982	0.000177865	0.262034	-3.81631
cg23979458	SECTM1	0.00156084	0.202163	0.574462	-1.74076	0.68316	0.844575	-1.18403	0.305096	0.645874	-1.54829	0.50594	0.757434	-1.32025	0.0504606	0.399444	-2.50348
cg10853949	SECTM1	0.00296233	0.629977	1.2057	1.2057	0.00128005	6.10777	6.10777	0.933307	0.968262	-1.03278	0.0495626	2.37117	2.37117	0.00281484	0.20478	-4.88328
cg03325767	SECTM1	0.00436941	0.137045	1.14477	1.14477	0.584148	0.954412	-1.04777	0.576609	0.953498	-1.04877	0.815291	0.980439	-1.01995	0.00909526	0.755949	-1.32284
cg04722643	SECTM1	0.00856521	0.0683078	0.417798	-2.3935	0.210189	1.75879	1.75879	0.716729	1.1686	1.1686	0.46249	0.726288	-1.37686	0.00349076	0.183674	-5.44442
cg07468956	SECTM1	0.0101104	0.0642316	1.27616	1.27616	0.0757456	1.26087	1.26087	0.0359488	1.33128	1.33128	0.0684955	1.27018	1.27018	0.846703	1.02296	1.02296
cg07369606	SECTM1	0.0107143	0.853735	1.0873	1.0873	0.00159694	7.79824	7.79824	0.487158	1.37734	1.37734	0.785815	1.13148	1.13148	0.010137	0.229731	-4.35291
cg00523742	SECTM1	0.0142423	0.00344961	0.30355	-3.29435	0.0460768	0.503494	-1.98612	0.00663724	0.347279	-2.87953	0.94191	0.97836	-1.02212	0.0277327	0.457913	-2.18382
cg22482278	SECTM1	0.0205151	0.22332	1.17054	1.17054	0.689535	0.951781	-1.05066	0.665636	0.947898	-1.05497	0.102875	0.80283	-1.24559	0.0023776	0.593699	-1.68435
cg20481110	SECTM1	0.0231435	0.0102509	4.05227	4.05227	0.0277381	3.08033	3.08033	0.040665	2.77863	2.77863	0.147714	1.9574	1.9574	0.050585	2.62044	2.62044
cg19930417	SECTM1	0.0249718	0.0105084	0.640529	-1.56121	0.26218	0.850654	-1.17557	0.779753	1.03955	1.03955	0.216063	0.835175	-1.19735	0.031477	0.705374	-1.41769
cg04546616	SECTM1	0.038255	0.107674	1.49456	1.49456	0.080283	1.5591	1.5591	0.247753	1.31862	1.31862	0.0870678	1.54107	1.54107	0.189196	1.37487	1.37487
cg02780269	SECTM1	0.0420566	0.272939	1.31585	1.31585	0.240236	1.3442	1.3442	0.0705381	0.61496	-1.62612	0.291273	1.3014	1.3014	0.186848	1.40016	1.40016
cg15991309	SECTM1;SECTM1	0.000175825	0.562826	1.10041	1.10041	0.48612	1.12271	1.12271	0.834676	0.966396	-1.03477	0.225278	0.811966	-1.23158	0.275834	1.20371	1.20371
cg02553663	SECTM1;SECTM1	0.00242597	0.731595	0.825857	-1.21086	0.00150286	12.7055	12.7055	0.95435	1.03232	1.03232	0.912281	1.06315	1.06315	0.709779	0.812422	-1.23089
cg13805608	SEH1L;SEH1L	0.000739604	0.642619	0.901262	-1.10955	0.435053	1.19384	1.19384	0.00133775	2.8213	2.8213	0.355617	1.23539	1.23539	0.635687	0.899278	-1.112
cg21667248	SEH1L;SEH1L	0.00531515	0.820645	1.05301	1.05301	0.0549118	1.64071	1.64071	0.00292549	0.394645	-2.53393	0.00100154	0.3292	-3.03767	0.0186592	0.522821	-1.9127
cg24017470	SEH1L;SEH1L	0.00552471	0.583566	1.09369	1.09369	0.968437	1.00642	1.00642	0.157093	1.27736	1.27736	0.553778	0.907652	-1.10174	9.85E-05	0.326697	-3.06094
cg25043559	SEH1L;SEH1L	0.00890548	0.655028	1.14264	1.14264	0.132746	1.61764	1.61764	0.137715	1.60634	1.60634	0.100878	1.70365	1.70365	0.000840049	0.225504	-4.43451
cg21711672	SEH1L;SEH1L	0.011482	?	?	?	?	?	?	0.00671975	0.349643	-2.86006	?	?	?	?	?	?
cg06262302	SEH1L;SEH1L	0.0154045	0.760861	0.945487	-1.05766	0.0618632	1.47129	1.47129	0.0491674	0.662097	-1.51035	0.00146104	0.430024	-2.32545	0.522381	0.887759	-1.12643
cg07891619	SEH1L;SEH1L	0.0210343	0.422855	1.1581	1.1581	0.638934	0.918758	-1.08843	0.942896	1.01293	1.01293	0.00121612	0.427844	-2.3373	0.739408	1.06168	1.06168
cg13905342	SEH1L;SEH1L	0.0296407	0.891634	0.967084	-1.03404	0.115018	1.52317	1.52317	0.437731	1.21455	1.21455	0.211622	1.38142	1.38142	0.112926	0.654647	-1.52754
cg22327802	SEH1L;SEH1L	0.0430679	0.0524329	0.22416	-4.46109	0.226822	0.423021	-2.36395	0.148008	0.349165	-2.86397	0.892973	0.912772	-1.09556	0.00335647	0.0668221	-14.9651
cg11960784	SEH1L;SEH1L	0.0475659	0.735159	0.941914	-1.06167	0.143425	0.757968	-1.31932	0.924346	0.983399	-1.01688	0.236771	1.24418	1.24418	0.00411837	0.507524	-1.97035
cg04570283	SEL1L	0.00194551	0.0781781	0.739595	-1.35209	0.0561336	0.716445	-1.39578	0.222611	1.21843	1.21843	0.0163805	1.57188	1.57188	0.000240427	0.391885	-2.55177
cg01170099	SEL1L	0.0068908	0.765497	0.960768	-1.04083	0.109249	1.26322	1.26322	0.000412523	2.11725	2.11725	0.0165807	0.676019	-1.47925	0.0242881	1.43226	1.43226
cg06948885	SEL1L	0.0120616	0.784896	0.954161	-1.04804	0.0970329	0.731711	-1.36666	0.00580426	0.538102	-1.85838	0.121841	0.750051	-1.33324	0.00474319	0.525575	-1.90268
cg16379999	SEL1L	0.0162148	0.95576	1.01569	1.01569	0.0214147	0.460473	-2.17168	0.705874	1.11223	1.11223	0.0299014	0.488331	-2.04779	0.019799	0.454119	-2.20206
cg23295683	SEL1L	0.0301133	0.0147162	0.1895	-5.27705	0.0302423	0.243783	-4.10201	0.278465	0.535627	-1.86697	0.993466	1.00455	1.00455	0.129024	0.403021	-2.48126
cg23924753	SEL1L	0.0368526	0.390737	0.912339	-1.09608	0.0641699	0.804938	-1.24233	0.0423409	0.783538	-1.27626	0.0106285	0.715249	-1.39811	0.0178579	0.740558	-1.35033
cg06848865	SEL1L	0.0382987	0.547026	1.09106	1.09106	0.744838	1.04774	1.04774	0.360112	0.873825	-1.14439	0.201484	0.823517	-1.2143	0.885804	1.02073	1.02073
cg10640284	SEL1L2	0.00439899	0.0384347	0.681202	-1.46799	0.00103688	0.459519	-2.17619	0.0265775	0.656574	-1.52306	0.182789	1.25393	1.25393	0.00422453	0.541677	-1.84612
cg18690833	SEL1L2	0.0127103	0.194481	0.748896	-1.3353	0.000332779	0.295257	-3.38688	0.0102386	0.505656	-1.97763	0.62152	0.900469	-1.11053	0.0242511	0.567873	-1.76096
cg04521027	SEL1L2	0.0226171	0.714097	1.11291	1.11291	0.00094705	0.23859	-4.1913	0.961273	0.985982	-1.01422	0.0517447	0.525374	-1.9034	0.0911585	0.582181	-1.71768
cg06255670	SEL1L3	0.00381035	0.819101	0.969165	-1.03182	0.0589169	1.33863	1.33863	0.471939	1.10521	1.10521	0.732004	1.04812	1.04812	0.0212927	0.684942	-1.45998
cg18489440	SEL1L3	0.005016	0.0398135	1.70524	1.70524	0.356026	1.23763	1.23763	0.761668	0.933969	-1.0707	0.272175	0.773615	-1.29263	0.514492	0.862045	-1.16003
cg19949104	SEL1L3	0.00509407	0.0458858	0.716062	-1.39653	0.197728	1.21983	1.21983	0.563354	1.08901	1.08901	0.00331169	0.557765	-1.79287	0.00587881	0.590901	-1.69233
cg01793416	SEL1L3	0.00943602	0.0582946	1.23234	1.23234	0.086899	0.831436	-1.20274	0.0773158	1.21136	1.21136	0.318967	1.10579	1.10579	0.000611715	1.67424	1.67424
cg04349839	SEL1L3	0.011063	0.0694358	0.636877	-1.57016	0.0147272	1.94819	1.94819	0.589898	1.12849	1.12849	0.43343	1.19432	1.19432	0.00439796	0.429656	-2.32744
cg00978415	SELENBP1	0.00843237	0.473089	0.892235	-1.12078	0.149035	0.785215	-1.27354	0.0396217	0.689475	-1.45038	0.00222581	1.95316	1.95316	0.837866	1.03253	1.03253
cg18515587	SELENBP1	0.0148567	0.0822958	0.404302	-2.4734	0.134398	2.13709	2.13709	0.0578599	0.364617	-2.7426	0.010388	4.56503	4.56503	0.336199	1.59448	1.59448
cg07916011	SELENBP1	0.0366099	0.016202	0.600045	-1.66654	0.632346	1.08731	1.08731	0.709138	0.937	-1.06724	0.300097	0.82987	-1.20501	0.0560067	0.686658	-1.45633
cg17327217	SELI	0.0213386	0.0488372	0.508005	-1.96848	0.0883587	0.567768	-1.76128	0.11361	0.59555	-1.67912	0.0560339	0.52123	-1.91854	0.00123353	0.241181	-4.14627
cg09392819	SELI;GPR113	0.00381108	0.0559212	1.13627	1.13627	0.67432	0.975376	-1.02525	0.232509	1.07665	1.07665	0.0088079	0.821393	-1.21744	0.0341158	0.864278	-1.15704
cg25118511	SELK	7.14E-07	?	?	?	0.0022959	2.2351	2.2351	0.00170283	2.32956	2.32956	0.00483148	0.493885	-2.02476	0.711927	1.07251	1.07251
cg10325694	SELK	0.000121405	0.426517	1.0923	1.0923	0.000198436	0.506763	-1.97331	1.52E-05	0.377336	-2.65016	0.0394826	1.29561	1.29561	0.00312841	0.64447	-1.55166
cg06801544	SELK	0.0020668	0.511069	0.866368	-1.15424	0.987721	1.00332	1.00332	0.967189	1.00889	1.00889	0.00153032	0.374752	-2.66843	0.0294186	0.575804	-1.7367
cg26129759	SELK	0.0339635	0.101968	0.643021	-1.55516	0.85463	0.955765	-1.04628	0.284256	1.31576	1.31576	0.0101598	2.2249	2.2249	0.030269	0.533464	-1.87454
cg23970189	SELK	0.0458173	0.00484183	0.314022	-3.18449	0.380311	0.756564	-1.32177	0.485555	1.24567	1.24567	0.0597549	1.93193	1.93193	0.0423832	0.484493	-2.06402
cg10472244	SELK;SELK	3.06E-05	0.0201419	1.56212	1.56212	0.131064	1.29621	1.29621	0.839339	0.968212	-1.03283	0.0620942	0.715864	-1.39691	0.463651	0.88807	-1.12604
cg19853494	SELL	7.43E-05	0.63067	0.89771	-1.11395	0.00574108	0.446402	-2.24013	0.000169575	0.240574	-4.15672	6.12E-06	0.104812	-9.54091	0.00228804	0.386787	-2.5854
cg14796679	SELL	0.0124039	0.0139525	0.348539	-2.86912	0.123228	0.560134	-1.78529	?	?	?	0.00631144	0.29095	-3.43701	0.00343532	0.251702	-3.97296
cg06816239	SELL;SELL	6.33E-05	0.0508676	0.715234	-1.39814	0.000166969	0.380663	-2.627	3.56E-05	0.300674	-3.32587	7.46E-06	0.226336	-4.4182	0.00803809	0.59952	-1.668
cg00745520	SELM	0.0246254	0.0602209	0.283394	-3.52866	0.00886227	0.137818	-7.25593	0.328585	0.548875	-1.82191	0.755558	1.20416	1.20416	0.0426062	0.249383	-4.0099
cg13285934	SELM	0.0384972	0.0159978	0.430681	-2.3219	0.0687699	1.78931	1.78931	0.0872946	1.71472	1.71472	0.344221	0.757067	-1.32089	0.0357693	0.497642	-2.00948
cg21361322	SELM	0.0399037	0.107457	1.89614	1.89614	0.650587	1.18064	1.18064	0.913988	0.961417	-1.04013	0.0353688	2.44075	2.44075	0.0178288	2.85448	2.85448
cg11740027	SELO	0.00378785	0.258274	0.922437	-1.08408	0.00947898	1.25231	1.25231	0.000415476	1.46712	1.46712	0.0934714	1.13459	1.13459	0.00704874	1.2692	1.2692
cg15153049	SELO	0.00511234	0.151618	1.39484	1.39484	0.790046	0.943835	-1.05951	0.078893	0.655303	-1.52601	0.00828581	0.481328	-2.07759	0.00129992	0.362529	-2.7584
cg01459453	SELP	0.00119663	0.0185581	0.552306	-1.81059	0.0214784	0.563017	-1.77614	0.00500266	0.461904	-2.16495	0.224434	1.30392	1.30392	0.276317	1.26552	1.26552
cg09060914	SELP	0.0053432	0.616345	0.887618	-1.12661	0.756921	1.07602	1.07602	0.000323307	0.253489	-3.94494	0.0177932	0.506626	-1.97384	0.00200431	0.357331	-2.79853
cg18105279	SELP	0.014243	0.215904	0.617088	-1.62052	0.102015	0.515101	-1.94137	0.0522908	0.441249	-2.26629	0.00325889	0.226073	-4.42334	0.831341	0.923988	-1.08227
cg00401233	SELP	0.0217487	0.16651	0.382549	-2.61404	0.00708776	0.103692	-9.64396	0.123036	0.336786	-2.96925	0.0253582	0.177045	-5.64829	0.0321422	0.194988	-5.12853
cg01952742	SELP	0.0244879	0.0169774	0.388154	-2.5763	0.315821	0.713812	-1.40093	0.194231	0.639896	-1.56275	0.00484306	0.29683	-3.36893	0.0406334	0.463742	-2.15637
cg00159243	SELPLG	0.001023	0.00264846	0.413257	-2.4198	0.788104	1.05891	1.05891	0.00526976	0.457631	-2.18517	3.29E-05	0.180197	-5.54947	0.57162	0.885624	-1.12915
cg24398450	SELPLG	0.00407304	0.00705067	0.448357	-2.23037	0.00125947	2.95776	2.95776	0.981551	0.994688	-1.00534	0.794163	0.941553	-1.06207	0.00349514	0.401475	-2.49081
cg17291826	SELPLG	0.0299299	0.0505197	0.518835	-1.92739	0.155111	1.56511	1.56511	0.335163	0.746302	-1.33994	0.238535	0.695262	-1.43831	0.00370768	0.315236	-3.17223
cg24497819	SELPLG	0.0310268	0.0901259	0.680971	-1.46849	0.877315	0.96872	-1.03229	0.32785	0.812391	-1.23093	0.0357321	0.604877	-1.65323	0.0459687	0.624674	-1.60083
cg14784293	SELS;SELS	0.000307504	0.358742	0.927061	-1.07868	1.73E-05	0.49325	-2.02737	0.000414288	0.637862	-1.56774	0.520959	0.949126	-1.0536	0.846236	0.98454	-1.0157
cg10781048	SELS;SELS	0.0111973	0.0195082	0.497666	-2.00938	0.370072	0.7965	-1.25549	0.471999	0.834572	-1.19822	0.63251	1.12647	1.12647	0.507763	0.846966	-1.18068
cg04446470	SELS;SELS	0.0127152	0.903179	1.01991	1.01991	0.270517	0.830392	-1.20425	0.0630855	0.71271	-1.4031	0.237157	1.22217	1.22217	0.941229	1.01202	1.01202
cg20928447	SELS;SELS	0.0128259	0.111892	0.797931	-1.25324	0.101265	1.26361	1.26361	0.00515222	1.61879	1.61879	0.0445139	0.740198	-1.35099	0.166966	0.825215	-1.21181
cg04972384	SELS;SELS	0.0219141	0.0109415	0.250488	-3.9922	0.331548	0.647738	-1.54383	0.0419006	0.361885	-2.76331	0.210851	0.564686	-1.7709	0.00806713	0.229711	-4.3533
cg03993166	SELS;SELS	0.0220218	?	?	?	?	?	?	0.0289868	0.305563	-3.27264	0.832859	1.0908	1.0908	?	?	?
cg09087777	SELT	0.00309691	0.282716	0.873841	-1.14437	0.0688697	0.781937	-1.27887	0.136953	0.824028	-1.21355	0.0069134	0.655502	-1.52555	0.862385	0.979257	-1.02118
cg16461485	SELT	0.00398021	0.00207768	0.31638	-3.16076	0.122985	0.641681	-1.55841	0.0630399	0.573963	-1.74227	0.827773	1.05955	1.05955	0.000749516	0.257227	-3.88762
cg04400940	SELT	0.0040791	0.140806	1.30006	1.30006	0.0213854	0.632535	-1.58094	0.706462	0.939252	-1.06468	0.610327	1.08886	1.08886	0.342204	1.17598	1.17598
cg00832928	SELT	0.00581122	0.076583	1.46376	1.46376	0.00949768	0.529632	-1.8881	0.123136	0.723924	-1.38136	0.259632	1.2554	1.2554	0.18123	1.31594	1.31594
cg06352924	SELT	0.0182797	0.0705883	1.35254	1.35254	0.0364845	1.43804	1.43804	0.00694837	1.68531	1.68531	0.94332	1.01068	1.01068	0.940277	0.988864	-1.01126
cg24132676	SELT	0.0221126	0.383277	0.849986	-1.17649	0.00571239	1.93256	1.93256	0.020865	1.65782	1.65782	0.284593	1.22394	1.22394	0.0891562	1.40606	1.40606
cg19235994	SELT	0.036084	0.543725	0.906207	-1.1035	0.937785	0.987568	-1.01259	0.162273	0.787337	-1.2701	0.347837	0.856503	-1.16754	0.405319	1.14619	1.14619
cg13470658	SELT	0.0499647	0.387384	0.879101	-1.13753	0.76942	1.04368	1.04368	0.0669491	1.34807	1.34807	0.079553	1.32714	1.32714	0.429375	1.12449	1.12449
cg08429214	SELV	0.000354555	0.000126418	0.184462	-5.42118	0.00495438	0.389659	-2.56635	0.0188654	0.486533	-2.05536	0.530048	0.851185	-1.17483	6.73E-05	0.157418	-6.35252
cg23201817	SELV	0.000537876	0.00134138	0.384252	-2.60246	0.256538	0.784229	-1.27514	0.0163579	0.547527	-1.82639	0.158401	0.733849	-1.36268	0.000457894	0.322219	-3.10348
cg09255748	SELV	0.00626908	0.687786	0.920578	-1.08627	0.823952	0.955384	-1.0467	0.163158	1.35651	1.35651	0.883849	1.0304	1.0304	0.911538	1.02303	1.02303
cg01933276	SELV	0.00659967	0.703556	0.893555	-1.11913	0.00881671	0.374678	-2.66896	0.0141246	0.409994	-2.43906	0.301507	1.37044	1.37044	0.144796	0.630627	-1.58572
cg12225910	SELV	0.00678582	0.0207797	0.641497	-1.55885	0.812014	1.03874	1.03874	0.568125	1.0964	1.0964	0.00973947	0.593625	-1.68457	0.219245	0.813763	-1.22886
cg10173182	SELV	0.00836394	0.239228	0.878983	-1.13768	0.0524018	0.793846	-1.25969	0.321508	1.11315	1.11315	0.496619	0.93031	-1.07491	0.59068	0.944759	-1.05847
cg07052524	SELV	0.0132642	0.442716	0.904831	-1.10518	0.00227509	0.579612	-1.72529	0.00360719	0.604434	-1.65444	0.0434284	0.743215	-1.3455	0.0474429	0.748447	-1.3361
cg08620606	SELV	0.018932	0.0722109	0.808087	-1.23749	0.022578	0.74825	-1.33645	0.127509	0.839451	-1.19126	0.00649773	0.686833	-1.45596	0.901417	1.01325	1.01325
cg18097850	SELV	0.025279	0.992346	0.998782	-1.00122	0.149976	0.821969	-1.21659	0.00529181	1.59514	1.59514	0.787794	1.03487	1.03487	0.153344	1.21436	1.21436
cg12562967	SELV	0.0416543	0.76945	0.951913	-1.05052	0.275723	0.826851	-1.20941	0.440423	1.14102	1.14102	0.713287	1.06384	1.06384	0.00320346	1.96339	1.96339
cg11396791	SELV;SELV	0.00347889	0.0429631	0.64884	-1.54121	0.865929	1.03188	1.03188	0.0365027	0.636749	-1.57048	0.181031	0.768178	-1.30178	0.499446	0.880453	-1.13578
cg22961275	SELV;SELV	0.0145185	0.179834	0.782619	-1.27776	0.928916	1.01547	1.01547	0.0425687	1.49447	1.49447	0.0111591	0.578509	-1.72858	0.0117685	0.58195	-1.71836
cg08708408	SEMA3A	0.00285395	0.52635	0.905453	-1.10442	0.000315701	0.405387	-2.46678	0.0169599	0.637321	-1.56907	0.447044	0.887015	-1.12738	0.953873	0.991091	-1.00899
cg26620682	SEMA3A	0.0096808	0.188816	1.12255	1.12255	0.0258205	0.802708	-1.24578	0.193325	0.891991	-1.12109	0.640354	1.03985	1.03985	0.465478	1.06362	1.06362
cg23623142	SEMA3A	0.0158037	0.667003	1.04983	1.04983	0.914253	0.987973	-1.01217	0.57002	1.06661	1.06661	0.177453	1.1747	1.1747	0.215346	0.863722	-1.15778
cg05742308	SEMA3A	0.0192193	0.0104323	2.03464	2.03464	0.022792	1.82261	1.82261	0.063773	1.58257	1.58257	0.0390148	1.69264	1.69264	0.419773	0.833944	-1.19912
cg11493571	SEMA3A	0.0210985	0.593939	0.901474	-1.10929	0.158474	0.747834	-1.33719	0.00839638	0.522581	-1.91358	0.516102	1.13532	1.13532	0.0045925	2.06932	2.06932
cg26544028	SEMA3A	0.0298159	0.0347834	0.445485	-2.24474	0.206921	0.645711	-1.54868	0.0289536	0.429048	-2.33074	0.120887	0.575369	-1.73801	0.0220738	0.405716	-2.46478
cg09943050	SEMA3A	0.0407934	0.0687964	0.381915	-2.61839	0.0825493	2.48127	2.48127	0.261579	1.73899	1.73899	0.101074	0.428004	-2.33643	0.00628114	0.185897	-5.37931
cg03461361	SEMA3A	0.045699	0.0375314	0.656882	-1.52234	0.659538	0.9257	-1.08026	0.0320549	0.645744	-1.5486	0.0741326	0.707116	-1.4142	0.00458134	0.518247	-1.92958
cg19762801	SEMA3A	0.0470083	0.697128	0.908864	-1.10027	0.0557246	0.58882	-1.69831	0.120159	0.662391	-1.50968	0.16132	1.44121	1.44121	0.103605	0.647335	-1.5448
cg03080692	SEMA3A;SEMA3A	0.00490118	0.00821233	0.328142	-3.04746	0.458794	0.779907	-1.2822	0.855637	0.941753	-1.06185	0.00302855	0.262117	-3.81508	0.00686279	0.315495	-3.16962
cg14911395	SEMA3B;SEMA3B	1.65E-05	0.195059	0.79811	-1.25296	0.586623	0.913625	-1.09454	0.392815	1.15492	1.15492	0.000218929	2.75608	2.75608	0.00720697	0.565165	-1.7694
cg02019988	SEMA3B;SEMA3B	7.36E-05	0.196763	0.741988	-1.34773	0.121094	0.692425	-1.4442	0.632713	0.900069	-1.11103	7.36E-05	4.8361	4.8361	0.341155	0.806958	-1.23922
cg20116935	SEMA3B;SEMA3B	0.00019097	0.139245	0.876981	-1.14028	0.0198764	1.26099	1.26099	0.809017	0.980224	-1.02017	0.340259	1.08445	1.08445	0.000457832	0.63432	-1.57649
cg22093095	SEMA3B;SEMA3B	0.000336217	0.0275239	1.39133	1.39133	6.12E-05	2.55308	2.55308	0.00566964	1.58378	1.58378	0.00153804	1.78136	1.78136	0.132218	0.81396	-1.22856
cg22973319	SEMA3B;SEMA3B	0.000468776	0.887551	0.950841	-1.0517	0.179283	0.601552	-1.66237	0.345023	0.707152	-1.41412	0.0173251	2.80839	2.80839	3.43E-05	0.0574793	-17.3976
cg24019851	SEMA3B;SEMA3B	0.000807801	0.321541	1.21378	1.21378	0.013527	1.78286	1.78286	0.523594	1.13008	1.13008	0.400049	1.177	1.177	0.018361	1.71829	1.71829
cg13209298	SEMA3B;SEMA3B	0.00207504	0.86193	1.0267	1.0267	0.00110305	2.07123	2.07123	0.284138	0.844987	-1.18345	0.693347	0.941771	-1.06183	0.0794888	0.744787	-1.34267
cg10546523	SEMA3B;SEMA3B	0.00232666	0.00610566	0.611313	-1.63582	0.249288	0.84741	-1.18007	0.0234894	1.45075	1.45075	0.00831191	0.628844	-1.59022	0.000586032	0.481617	-2.07634
cg22037648	SEMA3B;SEMA3B	0.00309282	0.0538754	0.518333	-1.92926	0.0938004	0.575082	-1.73888	0.679006	1.13308	1.13308	0.00493861	3.05815	3.05815	0.174111	1.54357	1.54357
cg17289734	SEMA3B;SEMA3B	0.00385624	0.00927198	1.51271	1.51271	0.175214	0.834659	-1.19809	0.264003	0.864192	-1.15715	0.748501	1.04115	1.04115	0.0394715	0.741855	-1.34797
cg18165186	SEMA3B;SEMA3B	0.0116308	0.0370598	1.2609	1.2609	0.351539	1.09615	1.09615	0.224154	1.13006	1.13006	0.22494	0.885109	-1.1298	0.0230895	1.29711	1.29711
cg02490920	SEMA3B;SEMA3B	0.0177142	0.438732	1.26378	1.26378	0.00865506	2.69682	2.69682	0.802369	0.92836	-1.07717	0.39619	1.29375	1.29375	0.0611923	1.86883	1.86883
cg25597623	SEMA3B;SEMA3B	0.0423013	0.50395	1.41083	1.41083	0.65862	0.79799	-1.25315	0.88359	0.928341	-1.07719	0.00863387	5.47067	5.47067	0.20175	1.98205	1.98205
cg07629965	SEMA3B;SEMA3B	0.0440875	0.0613878	3.79416	3.79416	0.0344359	4.76233	4.76233	0.0186564	6.07414	6.07414	0.0681642	3.6409	3.6409	0.00770049	8.72697	8.72697
cg08097657	SEMA3B;SEMA3B	0.0442129	0.258316	1.6542	1.6542	0.27121	1.63037	1.63037	0.29913	1.58284	1.58284	0.234324	1.70234	1.70234	0.0307407	2.95311	2.95311
cg09811393	SEMA3B;SEMA3B	0.0455513	0.705359	1.14918	1.14918	0.143427	1.77807	1.77807	0.267811	1.52583	1.52583	0.864435	1.06455	1.06455	0.133553	1.80824	1.80824
cg16216311	SEMA3B;SEMA3B;SEMA3B;SEMA3B	0.0475315	0.269965	1.53758	1.53758	0.456592	1.32838	1.32838	0.857547	1.06961	1.06961	0.80345	1.0979	1.0979	0.00146788	0.179092	-5.58373
cg20771595	SEMA3C	0.000326853	0.00886107	0.349255	-2.86324	0.019905	0.411714	-2.42887	0.00072759	0.197431	-5.06507	0.00653675	0.327679	-3.05177	0.000806423	0.202623	-4.93527

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13921204	0.0639639	0.821304	-1.21758	0.155371	0.866099	-1.1546	0.0138159	0.749974	-1.33338	0.101452	1.18478	1.18478	3.4046	0.482071	0.125861	1
cg00945507	0.0339323	0.256387	-3.90036	0.00504473	0.130209	-7.67994	0.00499037	0.129681	-7.71122	0.0452827	0.282959	-3.53409	4.2321	20.2541	4.25407	1
cg03207732	0.0210531	0.752668	-1.32861	0.000877639	0.600022	-1.6666	0.853955	0.98131	-1.01905	0.682603	1.043	1.043	3.97443	0.659927	0.147594	1
cg15661415	0.124626	0.346479	-2.88618	0.0029718	0.0743468	-13.4505	0.185534	0.408606	-2.44735	0.0412082	0.222798	-4.48837	3.89697	25.0857	5.72199	1
cg26678143	0.000774004	0.235837	-4.24022	0.758363	0.916123	-1.09156	0.212943	1.45122	1.45122	0.0809644	0.577318	-1.73215	6.49601	8.29271	1.13474	1
cg10936995	0.140528	0.619874	-1.61323	0.00786834	0.357524	-2.79702	0.0427371	2.021	2.021	0.154617	0.631556	-1.58339	4.78088	6.88957	1.28095	1
cg09682272	0.00364498	0.503023	-1.98798	0.262678	0.815437	-1.22634	0.746016	0.944802	-1.05842	0.00677842	0.541685	-1.84609	8.19032	3.95947	0.429718	1
cg00669964	0.884432	0.977151	-1.02338	0.0135209	1.62545	1.62545	0.884264	1.02342	1.02342	0.831538	0.966712	-1.03443	4.93197	1.97277	0.355553	1
cg06620353	0.179206	1.56683	1.56683	0.206287	1.52129	1.52129	0.425193	1.29214	1.29214	0.557207	0.829576	-1.20544	3.63975	5.70987	1.39445	1
cg14139679	0.0580055	0.47495	-2.10549	0.00272518	0.23742	-4.21195	0.637349	1.17938	1.17938	0.0173799	0.365546	-2.73563	5.17248	9.89019	1.69963	1
cg13141289	0.579284	0.928489	-1.07702	0.00125162	0.535582	-1.86713	0.00133318	1.85527	1.85527	0.712846	0.952207	-1.05019	8.47624	2.35626	0.247097	1
cg27584171	0.416617	1.12205	1.12205	0.108828	0.784595	-1.27454	0.0173422	1.49474	1.49474	0.270064	1.17269	1.17269	5.71935	1.74292	0.27088	1
cg24507955	0.37512	0.704149	-1.42015	0.0705467	0.458975	-2.17877	0.0367238	2.5475	2.5475	0.918747	0.961444	-1.0401	5.6901	13.3807	2.09029	1
cg08908843	0.538301	0.705309	-1.41782	0.0155846	0.189804	-5.2686	0.519692	1.4415	1.4415	0.373853	0.599609	-1.66775	3.81934	18.9907	4.41978	1
cg00304072	0.0478757	0.719569	-1.38972	0.00177511	0.523369	-1.9107	0.268726	0.845698	-1.18246	0.222101	0.829697	-1.20526	3.62802	1.21628	0.297996	1
cg09237133	0.000228227	0.182489	-5.47977	3.99E-07	0.0179577	-55.6863	1.34E-06	0.0322474	-31.0103	4.43E-05	0.116546	-8.58028	61.7381	75.4427	1.0862	1
cg09340279	9.30E-05	0.11064	-9.0383	3.26E-06	0.0309542	-32.3058	2.17E-05	0.0675637	-14.8008	0.000325619	0.159758	-6.25948	36.2514	57.2259	1.40319	1
cg27666046	0.000394419	0.237918	-4.20313	7.58E-06	0.0818357	-12.2196	1.13E-05	0.0931215	-10.7387	0.000707063	0.269063	-3.7166	30.1442	30.8928	0.910966	1
cg14728380	0.000139738	0.110964	-9.01192	0.00186363	0.228679	-4.37293	2.34E-05	0.0593059	-16.8617	0.00515952	0.291002	-3.4364	19.4597	34.4313	1.57276	1
cg26312191	0.000337337	0.295677	-3.38207	0.000248069	0.27929	-3.58051	0.000243372	0.278285	-3.59344	0.003744	0.438092	-2.28262	16.2884	11.4695	0.625909	1
cg23979458	0.125259	0.505085	-1.97987	0.0128253	0.280198	-3.56891	0.0717055	0.437038	-2.28813	5.87E-05	21.3871	21.3871	10.3602	27.8025	2.3854	1
cg10853949	0.021749	0.345962	-2.89049	0.0510737	2.35419	2.35419	0.0232347	0.351551	-2.84454	0.272766	1.55249	1.55249	8.59031	20.2028	2.0905	1
cg03325767	0.924815	0.992063	-1.008	0.00422081	0.723683	-1.38182	0.00123024	1.4903	1.4903	0.0263645	1.24897	1.24897	7.64568	0.86293	0.100325	1
cg04722643	0.0129628	0.2675	-3.73832	0.114617	0.480124	-2.0828	0.00107803	0.126903	-7.88003	0.0469416	0.378158	-2.6444	6.209	17.9791	2.57391	1
cg07468956	0.584104	1.06697	1.06697	0.00404366	1.57261	1.57261	0.00355954	0.629296	-1.58908	0.798553	0.970454	-1.03045	5.8899	1.28285	0.193604	1
cg07369606	0.055125	0.373017	-2.68084	0.413706	1.46076	1.46076	0.025365	0.299596	-3.33783	0.868173	0.927433	-1.07825	5.78129	18.8314	2.89538	1
cg00523742	0.144295	0.624496	-1.60129	0.262675	0.704282	-1.41988	0.00226065	0.277281	-3.60645	0.159785	0.637036	-1.56977	5.27006	7.52168	1.26867	1
cg22482278	0.260232	1.15549	1.15549	0.00930936	1.50082	1.50082	0.928991	1.01103	1.01103	0.638629	0.943449	-1.05994	4.66404	1.11884	0.213232	1
cg20481110	0.185748	1.83439	1.83439	0.00211996	6.47465	6.47465	0.775895	1.13135	1.13135	0.028839	3.04808	3.04808	4.47525	13.2527	2.63229	1
cg19930417	0.440472	1.11498	1.11498	0.0232123	0.68701	-1.45558	0.00336854	0.575936	-1.7363	0.96799	1.00557	1.00557	4.35894	1.32138	0.26946	1
cg04546616	0.609441	1.12517	1.12517	0.00176323	2.77249	2.77249	0.0130636	2.02329	2.02329	0.867118	1.03907	1.03907	3.74396	3.10651	0.737545	1
cg02780269	0.585355	1.14171	1.14171	0.00199525	2.85717	2.85717	0.511773	0.852079	-1.1736	0.240009	1.34441	1.34441	3.61552	3.31374	0.814694	1
cg15991309	0.894231	0.978479	-1.02199	0.557069	1.10201	1.10201	0.702936	1.06467	1.06467	1.39E-06	7.48572	7.48572	19.0233	8.05949	0.37659	1
cg02553663	0.840226	1.11871	1.11871	0.974639	1.01782	1.01782	0.524908	1.43052	1.43052	5.55E-05	64.5087	64.5087	9.11225	44.5661	4.34737	1
cg13805608	0.167758	1.38691	1.38691	0.0746724	0.642935	-1.55537	1.73E-05	7.09242	7.09242	0.735561	0.927362	-1.07833	12.8117	10.0418	0.696712	1
cg21667248	0.412212	1.21009	1.21009	0.783893	1.06452	1.06452	0.938203	0.982519	-1.01779	0.112268	1.48183	1.48183	7.20269	5.90139	0.728295	1
cg24017470	0.239715	1.22038	1.22038	0.101248	0.748037	-1.33683	0.662731	1.07358	1.07358	0.847378	1.03166	1.03166	7.11775	2.95015	0.368425	1
cg25043559	0.287284	1.38764	1.38764	0.39931	1.29156	1.29156	0.0091606	2.66795	2.66795	0.308833	0.731764	-1.36656	6.13288	8.53948	1.2377	1
cg21711672	?	?	?	0.0656187	0.641444	-1.55898	0.12357	0.717332	-1.39406	0.0117115	2.36996	2.36996	26.0899	4.24628	0.122067	1
cg06262302	0.0287432	1.6059	1.6059	0.930862	0.984191	-1.01606	0.139909	0.747023	-1.33865	0.915428	1.0197	1.0197	5.13526	2.74254	0.47472	1
cg07891619	0.820643	1.04156	1.04156	0.0148201	1.71178	1.71178	0.94293	1.01292	1.01292	0.109632	0.731447	-1.36715	4.62445	2.35461	0.452591	1
cg13905342	0.00333459	0.374927	-2.66719	0.0604746	0.59464	-1.68169	0.0789292	0.619377	-1.61453	0.548243	1.16088	1.16088	4.10434	3.91925	0.848802	1
cg22327802	0.285095	0.471048	-2.12292	0.0272327	0.170022	-5.88161	0.599895	0.698468	-1.43171	0.0144916	0.129722	-7.70878	3.58375	26.0918	6.47162	1
cg11960784	0.414132	1.15851	1.15851	0.0281907	1.57899	1.57899	0.984173	1.0035	1.0035	0.942008	0.987259	-1.01291	3.45279	1.69876	0.43733	1
cg04570283	0.765325	1.04723	1.04723	0.00943906	0.602218	-1.66053	0.29544	1.18205	1.18205	0.00517368	0.566085	-1.76652	9.71977	3.65784	0.334516	1
cg01170099	0.136098	1.23973	1.23973	0.104912	1.26757	1.26757	0.146002	1.23223	1.23223	0.825416	1.03	1.03	6.64761	1.88481	0.252029	1
cg06948885	0.0658097	0.701845	-1.42482	0.151059	0.768057	-1.30199	0.000866439	0.424302	-2.35681	0.561908	0.904314	-1.10581	5.56424	2.59213	0.414094	1
cg16379999	0.172377	0.665326	-1.50302	0.00933711	0.396537	-2.52183	0.0365281	1.97737	1.97737	0.0365125	0.505686	-1.97751	5.04854	6.29333	1.10806	1
cg23295683	0.668724	1.26931	1.26931	0.00632542	0.139497	-7.16863	0.327489	0.571215	-1.75066	0.00768248	0.149892	-6.67146	4.08137	19.8394	4.32086	1
cg23924753	0.00476405	0.676406	-1.4784	0.552168	0.939184	-1.06475	0.140876	0.8477	-1.17966	0.117393	0.837428	-1.19413	3.79538	0.654175	0.15321	1
cg06848865	0.172689	0.811267	-1.23264	0.00104112	0.477245	-2.09536	0.57882	1.08347	1.08347	0.490846	1.10532	1.10532	4.09223	1.29281	0.245714	1
cg10640284	0.052498	0.702649	-1.42319	0.00298639	0.521027	-1.91929	0.667827	0.933234	-1.07154	0.00847482	0.583962	-1.71244	7.63006	3.09588	0.360665	1
cg18690833	0.493823	0.863823	-1.15764	0.445748	0.848954	-1.17792	0.823347	1.04823	1.04823	0.267971	0.7842	-1.27518	5.47023	3.84514	0.624819	1
cg04521027	0.118659	0.611105	-1.63638	0.026694	0.466061	-2.14564	0.483154	1.23024	1.23024	0.282911	0.722964	-1.3832	4.51086	6.03922	1.19006	1
cg06255670	0.00214986	0.554768	-1.80256	0.000329616	0.452562	-2.20964	0.921115	1.01363	1.01363	0.600322	1.07496	1.07496	7.96815	2.359	0.263159	1
cg18489440	0.000459194	3.45109	3.45109	0.00426385	0.42369	-2.36022	0.48019	1.17488	1.17488	0.0888029	1.52431	1.52431	7.33144	5.85589	0.709988	1
cg19949104	0.128573	0.786835	-1.27092	0.00301159	0.552329	-1.81052	0.508108	1.10295	1.10295	0.0396842	1.41503	1.41503	7.29693	2.46173	0.29988	1
cg01793416	0.00931163	1.38001	1.38001	0.631142	0.953866	-1.04836	0.720438	0.965522	-1.03571	0.816736	0.97759	-1.02292	6.02114	0.909076	0.134205	1
cg04349839	0.26875	1.29161	1.29161	0.0147503	1.94776	1.94776	0.133138	1.43324	1.43324	0.144182	0.705723	-1.41699	5.72198	4.47255	0.694795	1
cg00978415	0.330878	0.854898	-1.16973	0.0248389	0.658787	-1.51794	0.0167467	0.633647	-1.57817	0.0142158	0.623368	-1.60419	6.23975	2.41293	0.343737	1
cg18515587	0.348874	0.63525	-1.57418	0.0179225	3.87098	3.87098	0.00984248	4.64126	4.64126	0.939739	0.965053	-1.03621	5.19716	18.2204	3.1163	1
cg07916011	0.823083	1.03966	1.03966	0.00704081	1.83125	1.83125	0.125956	0.750099	-1.33316	0.565674	0.904074	-1.1061	3.80452	1.81728	0.424589	1
cg17327217	0.272783	0.709197	-1.41005	0.00509633	0.328124	-3.04763	0.540438	0.829802	-1.20511	0.0944746	0.575004	-1.73912	4.6018	6.60539	1.2759	1
cg09392819	0.0254823	0.855035	-1.16954	0.000366381	0.71413	-1.40031	0.251624	1.07321	1.07321	0.447114	1.04677	1.04677	7.96769	0.439125	0.0489895	1
cg25118511	0.0562405	0.664965	-1.50384	1.11E-08	0.0133776	-74.752	0.0558407	0.664409	-1.5051	0.512061	0.882062	-1.13371	82.057	41.1437	0.501404	1
cg10325694	0.0146121	0.721107	-1.38676	0.000225471	0.513198	-1.94857	0.195924	1.16033	1.16033	0.0125287	0.713396	-1.40175	21.0193	3.93606	0.166453	1
cg06801544	0.73581	0.929715	-1.0756	7.10E-05	0.21036	-4.75376	0.216025	1.32338	1.32338	0.508608	1.15524	1.15524	9.54998	7.0045	0.651962	1
cg26129759	0.584683	0.872709	-1.14586	0.496479	0.843388	-1.18569	0.041037	1.78894	1.78894	0.188109	0.708889	-1.41066	3.90935	3.76782	0.856708	1
cg23970189	0.490965	0.805035	-1.24218	0.288687	0.710754	-1.40696	0.210226	0.664118	-1.50576	0.164716	0.631612	-1.58325	3.50182	5.32935	1.35278	1
cg10472244	0.829448	0.966253	-1.03493	3.09E-07	0.0924727	-10.814	0.466162	1.12526	1.12526	0.929577	1.01417	1.01417	30.3078	12.1561	0.356523	1
cg19853494	0.000921622	0.331988	-3.01216	2.48E-05	0.154451	-6.47456	0.00680699	0.457933	-2.18373	0.00268483	0.39684	-2.51991	23.963	18.8318	0.69855	1
cg14796679	0.176422	0.607236	-1.64681	0.0125147	0.340175	-2.93967	0.899038	0.956897	-1.04504	0.013882	0.348146	-2.87236	5.62131	9.53437	1.69611	1
cg06816239	0.0918503	0.756067	-1.32263	0.699754	0.943285	-1.06013	4.80E-05	0.315734	-3.16722	0.00309495	0.543409	-1.84023	25.0117	8.9926	0.319588	1
cg00745520	0.111837	0.356972	-2.80134	0.00376535	0.0976653	-10.2391	0.0172977	0.178202	-5.61162	0.0470555	0.258704	-3.86543	4.38016	24.5516	4.98239	1
cg13285934	0.0432496	0.514708	-1.94285	0.969857	0.989265	-1.01085	0.362209	0.765277	-1.30672	0.24071	0.704093	-1.42027	3.73532	4.82693	1.14866	1
cg21361322	0.0531209	2.22615	2.22615	0.00632487	3.65037	3.65037	0.0320138	2.49656	2.49656	0.0690904	2.09751	2.09751	3.68641	7.74337	1.86713	1
cg11740027	0.0722222	1.1472	1.1472	0.976059	1.00206	1.00206	0.607186	0.96513	-1.03613	0.0404438	0.850447	-1.17585	7.98235	0.592243	0.0659503	1
cg15153049	0.254625	0.772862	-1.29389	0.0474353	1.63432	1.63432	0.0566496	1.59576	1.59576	0.0456633	1.64271	1.64271	7.28895	5.41662	0.660558	1
cg01459453	0.0161649	1.84393	1.84393	0.00121909	2.67591	2.67591	0.00723413	0.486413	-2.05587	0.00791603	0.492501	-2.03045	11.1807	7.65782	0.60881	1
cg09060914	0.0776963	0.629568	-1.58839	0.629006	1.12174	1.12174	0.0573259	0.602052	-1.66099	0.0568582	0.601329	-1.66298	7.19108	6.3427	0.784021	1
cg18105279	0.0006928	0.14675	-6.81432	0.137819	0.553046	-1.80817	0.838316	1.07867	1.07867	0.27804	0.658293	-1.51908	5.26997	11.4673	1.93419	1
cg00401233	0.0960299	0.304022	-3.28924	0.00230957	0.0624595	-16.0104	0.12873	0.343196	-2.91379	0.0199593	0.160493	-6.23081	4.57191	30.7233	5.97333	1
cg01952742	0.890428	1.04583	1.04583	0.0028566	0.263332	-3.79749	0.551133	0.821985	-1.21657	0.179881	0.629386	-1.58885	4.38868	7.34482	1.48763	1
cg00159243	0.920047	0.978892	-1.02156	0.220422	0.760517	-1.31489	0.257606	1.28535	1.28535	0.0083455	0.488574	-2.04677	11.6909	8.35982	0.63562	1
cg24398450	0.561677	1.14471	1.14471	0.0401429	0.579146	-1.72668	0.42749	1.20514	1.20514	0.0522356	0.601375	-1.66286	7.80976	6.56169	0.746836	1
cg17291826	0.726543	0.901788	-1.10891	0.421041	1.27381	1.27381	0.0934644	1.7215	1.7215	0.0685028	0.548574	-1.82291	4.09023	5.61553	1.22037	1
cg24497819	0.582778	1.1209	1.1209	0.00690715	2.05296	2.05296	0.547667	1.13333	1.13333	0.0913784	0.682187	-1.46587	4.03819	2.70655	0.595768	1
cg14784293	0.0118734	1.28665	1.28665	0.507354	0.947452	-1.05546	0.00417386	0.734864	-1.3608	0.00452308	0.738139	-1.35476	16.3392	1.66668	0.0906712	1
cg10781048	0.958223	1.01303	1.01303	0.000276637	0.229621	-4.355	?	?	?	0.784963	1.06994	1.06994	5.81226	4.99954	0.860171	1
cg04446470	0.357568	1.16565	1.16565	0.000300594	0.3858	-2.59202	0.598689	0.917563	-1.08984	0.364911	1.16279	1.16279	5.46954	2.27339	0.369463	1
cg20928447	0.435477	1.10932	1.10932	0.314146	1.14537	1.14537	0.0151046	1.47597	1.47597	0.0300167	1.39488	1.39488	5.4541	1.46859	0.239346	1
cg04972384	0.274321	0.610749	-1.63733	0.0026798	0.165445	-6.04429	0.0238713	0.310798	-3.21752	0.0721773	0.418995	-2.38666	4.56005	13.5708	2.64534	1
cg03993166	0.060958	2.56415	2.56415	?	?	?	0.0122559	0.223809	-4.4681	0.126121	2.04815	2.04815	7.59608	10.3546	1.36316	1
cg09087777	0.98633	0.997932	-1.00207	4.70E-05	0.395589	-2.52787	0.996099	0.999409	-1.00059	0.102148	0.805632	-1.24126	8.47768	1.9598	0.205487	1
cg16461485	0.0863814	0.604726	-1.65364	0.0121021	0.435806	-2.2946	0.910025	1.03047	1.03047	0.00113956	0.28071	-3.5624	7.86424	8.77999	0.992396	1
cg04400940	0.186145	1.26135	1.26135	9.93E-05	3.14025	3.14025	0.936317	0.986851	-1.01332	0.326507	0.845526	-1.1827	7.80626	3.39228	0.386274	1
cg00832928	0.36727	1.1962	1.1962	0.000341353	3.05196	3.05196	0.257673	1.25668	1.25668	0.959724	0.99028	-1.00982	7.00791	4.15252	0.526709	1
cg06352924	0.350987	1.15426	1.15426	0.00566978	0.581367	-1.72008	0.582641	1.08648	1.08648	0.244365	0.833592	-1.19963	4.84989	1.71556	0.314427	1
cg24132676	0.504742	1.13094	1.13094	0.00496543	1.96631	1.96631	0.327879	0.832268	-1.20154	0.680098	0.927396	-1.07829	4.54597	2.37949	0.465271	1
cg19235994	0.537789	0.904857	-1.10515	0.00774466	1.72998	1.72998	0.171824	0.792081	-1.2625	0.00775169	0.578097	-1.72981	3.82459	1.55554	0.361529	1
cg13470658	0.994426	0.998985	-1.00102	0.00871629	0.615027	-1.62595	0.733639	1.05093	1.05093	0.0392339	1.41477	1.41477	3.38904	1.13534	0.297782	1
cg08429214	0.0863815	0.618875	-1.61583	7.16E-05	0.159995	-6.2502	0.262837	0.744013	-1.34406	0.0335028	0.533036	-1.87605	15.7133	15.9668	0.903229	1
cg23201817	0.00276647	0.428641	-2.33296	3.35E-05	0.191887	-5.21139	0.195478	1.32444	1.32444	0.253976	0.783109	-1.27696	14.0037	9.34197	0.592986	1
cg09255748	0.0316999	1.67513	1.67513	0.000143204	0.261145	-3.82929	0.599202	1.11476	1.11476	0.624661	1.10629	1.10629	6.84569	4.54965	0.590756	1
cg01933276	0.4805	1.23506	1.23506	0.000363844	0.186005	-5.37619	0.0319003	0.477007	-2.0964	0.130989	0.618757	-1.61614	6.73747	9.24749	1.22004	1
cg12225910	0.00197538	0.497933	-2.0083	0.00694286	1.74574	1.74574	0.870673	1.02633	1.02633	0.306512	1.18397	1.18397	6.67946	2.69163	0.358197	1
cg10173182	0.0328825	0.770144	-1.29846	0.107753	1.20164	1.20164	0.00886991	1.41706	1.41706	0.00182378	1.58987	1.58987	6.25582	1.08521	0.154198	1
cg07052524	0.0114926	0.667652	-1.49779	0.0114684	0.667536	-1.49805	0.0521486	0.754084	-1.32611	0.296155	0.870736	-1.14845	5.39455	1.39494	0.229851	1
cg08620606	0.176307	1.16494	1.16494	0.0316901	0.765312	-1.30666	0.0477337	1.27178	1.27178	0.220995	0.872288	-1.14641	4.79287	0.856109	0.158775	1
cg18097850	0.804572	0.968998	-1.03199	0.0105457	0.664497	-1.5049	0.13062	1.23044	1.23044	0.218071	0.848246	-1.1789	4.34044	1.1093	0.227176	1
cg12562967	0.568325	0.907836	-1.10152	0.71135	0.939577	-1.06431	0.0157522	1.6424	1.6424	0.10011	1.3527	1.3527	3.62842	1.61578	0.395832	1
cg11396791	0.114184	0.726791	-1.37591	5.79E-05	0.250469	-3.99251	0.8723	1.03032	1.03032	0.236338	1.25915	1.25915	8.18861	4.47286	0.485537	1
cg22961275	0.0136013	0.591372	-1.69098	0.905388	1.02067	1.02067	0.460007	1.13819	1.13819	0.0697992	1.41749	1.41749	5.23681	2.45555	0.416802	1
cg08708408	0.564331	0.913793	-1.09434	0.00156084	2.02039	2.02039	0.133493	1.28453	1.28453	0.48837	0.896819	-1.11505	8.68575	3.29234	0.336934	1
cg26620682	0.775857	1.02399	1.02399	0.00033302	1.61732	1.61732	0.146714	1.13807	1.13807	0.932773	1.00703	1.00703	5.97219	0.652161	0.0970664	1
cg23623142	0.682335	0.954823	-1.04731	0.000304152	0.517209	-1.93345	0.252869	0.874448	-1.14358	0.567134	1.06714	1.06714	5.09185	1.01772	0.177664	1
cg05742308	0.00204093	2.60566	2.60566	0.942774	0.98431	-1.01594	0.448534	1.18547	1.18547	0.931546	0.981252	-1.01911	4.76852	3.66476	0.68314	1
cg11493571	0.108961	1.40066	1.40066	0.748118	1.06407	1.06407	0.201141	1.29722	1.29722	0.218268	0.7791	-1.28353	4.61964	2.71833	0.523048	1
cg26544028	0.0155569	0.377195	-2.65115	0.245659	0.670971	-1.49038	0.0985761	0.551419	-1.8135	0.00273493	0.256887	-3.89276	4.09577	7.00519	1.52031	1
cg09943050	0.675953	0.819817	-1.21978	0.0678768	0.380404	-2.62878	0.622814	0.791119	-1.26403	0.146965	0.47921	-2.08677	3.65655	12.9353	3.1445	1
cg03461361	0.274348	0.820313	-1.21905	0.643777	0.922109	-1.08447	0.305963	0.83145	-1.20272	0.0138364	0.588761	-1.69848	3.50522	1.68353	0.426928	1
cg19762801	0.539539	0.859195	-1.16388	0.291436	1.30664	1.30664	0.0165289	2.04511	2.04511	0.0844322	0.627286	-1.59417	3.46818	3.27893	0.840383	1
cg03080692	0.0227445	0.407225	-2.45564	0.000904788	0.194762	-5.13446	0.00601988	0.306484	-3.26281	0.0199251	0.396179	-2.52411	7.38342	12.6982	1.52873	1
cg14911395	7.36E-05	3.27379	3.27379	0.000189314	2.81686	2.81686	2.89E-05	0.259065	-3.86003	2.25E-05	4.0464	4.0464	35.5916	15.2606	0.381127	1
cg02019988	0.00158531	2.6953	2.6953	0.000113322	4.40294	4.40294	0.000682801	0.321535	-3.11008	0.000122589	4.33041	4.33041	24.0244	18.1928	0.673123	1
cg20116935	0.939373	1.00629	1.00629	0.00145616	1.46127	1.46127	1.75E-05	2.06522	2.06522	0.0588374	0.838592	-1.19247	18.6027	2.00479	0.0957945	1
cg22093095	0.0772288	1.28262	1.28262	0.00530019	0.627754	-1.59298	0.015531	0.686574	-1.45651	0.0129933	1.47777	1.47777	15.9442	4.05363	0.22599	1
cg22973319	0.00165447	4.97361	4.97361	0.201134	0.618168	-1.61768	0.72	1.13683	1.13683	0.00609563	3.58076	3.58076	14.5482	29.2469	1.78697	1
cg24019851	0.803309	0.953886	-1.04834	1.93E-05	5.16147	5.16147	0.000951054	2.53904	2.53904	0.00972149	1.85657	1.85657	12.4979	7.08392	0.50383	1
cg13209298	0.351167	1.15633	1.15633	0.000112372	2.79377	2.79377	0.0847852	1.33448	1.33448	0.723	0.947551	-1.05535	9.5389	3.4619	0.322599	1
cg10546523	0.50555	0.911293	-1.09734	0.00154776	0.534748	-1.87004	0.95727	1.00739	1.00739	0.449109	1.11189	1.11189	9.22476	2.76228	0.266171	1
cg22037648	0.049161	1.96248	1.96248	0.00141139	0.249664	-4.00538	0.303009	0.725909	-1.37758	0.00606641	2.93268	2.93268	8.48101	12.1081	1.26905	1
cg17289734	0.119525	0.809154	-1.23586	0.000182591	0.452385	-2.21051	0.530547	1.0829	1.0829	0.461742	1.09848	1.09848	7.93952	1.97616	0.221246	1
cg18165186	0.0339186	1.26758	1.26758	0.000573265	1.66613	1.66613	0.423301	1.08146	1.08146	0.379195	0.917242	-1.09022	5.63021	0.817567	0.129076	1
cg02490920	0.310433	1.36492	1.36492	0.000657694	4.69783	4.69783	0.037225	2.04795	2.04795	0.181972	1.52186	1.52186	4.90141	6.82059	1.23694	1
cg25597623	0.582535	1.32544	1.32544	0.00221741	8.80835	8.80835	0.835817	0.900035	-1.11107	0.310433	1.70344	1.70344	3.60775	14.7171	3.62604	1
cg07629965	0.901664	0.924771	-1.08135	0.317053	1.92399	1.92399	0.0226522	5.62104	5.62104	0.426957	1.67062	1.67062	3.55263	22.5233	5.63546	1
cg08097657	0.508985	1.33095	1.33095	0.00146359	7.10332	7.10332	0.0283148	3.01853	3.01853	0.205016	1.7694	1.7694	3.54886	10.2351	2.5636	1
cg09811393	0.242859	1.5642	1.5642	0.00290149	4.475	4.475	0.0281114	2.58398	2.58398	0.161446	0.57846	-1.72873	3.50947	7.44776	1.88639	1
cg16216311	0.145377	1.79601	1.79601	0.50229	1.29047	1.29047	0.79097	1.10461	1.10461	0.615024	1.20915	1.20915	3.45374	7.67243	1.97465	1
cg20771595	0.763508	1.09997	1.09997	1.99E-05	0.0654008	-15.2903	0.731764	0.897044	-1.11477	0.000642081	0.191233	-5.22922	16.0682	25.3747	1.40372	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08011008	SEMA3C	0.000366064	0.00185348	0.361426	-2.76682	0.358258	0.804446	-1.24309	0.000485358	0.28371	-3.52473	0.000293147	0.256846	-3.89338	0.0458121	0.59018	-1.6944	0.707171	0.916746	-1.09081	5.52E-05	0.177531	-5.63283	0.336653	1.25631	1.25631	0.00110522	0.330352	-3.02707	15.5759	13.088	0.746912	1
cg07449652	SEMA3C	0.000628221	0.299308	0.917269	-1.09019	0.429725	0.93734	-1.06685	0.288818	1.09242	1.09242	0.183751	1.11987	1.11987	0.000339544	1.58955	1.58955	0.675502	1.03437	1.03437	0.000346555	0.630002	-1.5873	0.000442283	0.640615	-1.561	0.512326	1.0548	1.0548	13.4107	1.36877	0.0907246	1
cg11051843	SEMA3C	0.00836167	0.425239	0.809065	-1.236	0.0549185	1.76194	1.76194	0.0800532	1.65755	1.65755	0.838363	0.94824	-1.05459	0.66167	1.1214	1.1214	0.630163	1.13455	1.13455	0.000229621	0.203504	-4.9139	0.928419	1.02366	1.02366	0.446662	1.22364	1.22364	6.25636	6.70882	0.953173	1
cg04831795	SEMA3C	0.0185626	0.0607856	0.393809	-2.5393	0.0069652	0.214585	-4.66015	0.0169884	0.277119	-3.60856	0.0169977	0.277161	-3.60801	0.00423583	0.184907	-5.40811	0.0415982	0.35496	-2.81722	0.0458006	0.364438	-2.74395	0.82841	0.90874	-1.10043	0.0372658	0.344421	-2.90342	4.82486	14.8529	2.73636	1
cg14796406	SEMA3C	0.0188124	0.0783592	0.417992	-2.39239	0.483112	0.727643	-1.3743	0.263717	0.594691	-1.68155	0.994572	0.99697	-1.00304	0.0157918	0.267344	-3.7405	0.293679	0.615148	-1.62563	0.000461367	0.0855439	-11.6899	0.856928	1.08383	1.08383	0.118827	0.469915	-2.12804	4.80314	15.1373	2.80137	1
cg15556990	SEMA3C	0.0252472	0.319649	0.654755	-1.52729	0.00638622	4.31226	4.31226	0.585629	1.25445	1.25445	0.0777676	0.446104	-2.24163	0.0103541	0.264508	-3.78061	0.255525	0.613355	-1.63038	0.110461	0.488568	-2.0468	0.350538	1.4854	1.4854	0.369753	0.684329	-1.46129	4.34234	11.6623	2.38731	1
cg09587880	SEMA3C	0.0271204	0.790826	1.09579	1.09579	0.418666	1.32891	1.32891	0.615948	0.840276	-1.19009	0.8403	0.932929	-1.07189	0.00261064	0.238213	-4.19792	0.181913	0.614125	-1.62833	0.0841647	1.92992	1.92992	0.0452044	2.20477	2.20477	0.117853	1.79383	1.79383	4.23505	7.94177	1.66689	1
cg19361615	SEMA3C	0.0304973	0.487512	1.19899	1.19899	0.00501672	0.38477	-2.59896	0.00498794	0.384381	-2.60158	0.693124	0.902992	-1.10743	0.167028	0.684542	-1.46083	0.565768	0.861259	-1.16109	0.289411	1.327	1.327	0.220658	1.39275	1.39275	0.642323	0.886621	-1.12788	4.06302	4.25946	0.931865	1
cg08774868	SEMA3C	0.0372735	0.364551	0.879414	-1.13712	0.00198842	1.82616	1.82616	0.535689	1.09035	1.09035	0.559131	0.921763	-1.08488	0.336387	1.14649	1.14649	0.467165	1.10743	1.10743	0.019188	1.47815	1.47815	0.272363	0.85422	-1.17066	0.778211	1.03971	1.03971	3.7797	1.1386	0.26777	1
cg03823904	SEMA3C;SEMA3C	0.0297904	0.28458	1.43686	1.43686	0.98967	1.00423	1.00423	0.530294	1.23034	1.23034	0.0596156	0.499987	-2.00005	0.00347172	0.2743	-3.64564	0.489267	0.79529	-1.2574	?	?	?	0.0129503	0.365758	-2.73405	0.267404	0.686096	-1.45752	4.16602	6.23589	1.49685	1
cg26801812	SEMA3D	0.00145755	0.0718648	0.735504	-1.35961	0.000889668	0.467204	-2.14039	0.000160192	0.373105	-2.68021	0.00367766	0.548653	-1.82264	0.640455	1.07456	1.07456	0.745173	1.05112	1.05112	0.0369595	1.44829	1.44829	0.687227	0.94	-1.06383	0.987929	0.99769	-1.00232	10.5665	3.91111	0.329015	1
cg00334933	SEMA3D	0.00429207	0.0185992	0.337234	-2.9653	0.00251505	0.20221	-4.94536	0.00691671	0.264043	-3.78726	0.00831869	0.276661	-3.61454	0.00534611	0.247157	-4.04601	0.477985	0.759708	-1.3163	0.0803041	0.477545	-2.09404	0.000708853	0.140118	-7.13683	0.0107524	0.294961	-3.39028	7.68713	17.6686	2.04308	1
cg02607810	SEMA3D	0.00543485	0.0053733	0.155164	-6.44479	0.0116748	0.201505	-4.96265	0.00978079	0.190047	-5.26186	0.370871	0.626837	-1.59531	0.0042062	0.14248	-7.01854	0.084351	0.378876	-2.63938	0.000551551	0.0654655	-15.2752	0.0649579	0.348735	-2.86751	0.0133629	0.210632	-4.74761	7.15367	29.2744	3.63753	1
cg24605288	SEMA3D	0.0346562	0.854207	1.0779	1.0779	0.133274	0.516587	-1.93578	0.0447329	0.390737	-2.55927	0.29948	0.644977	-1.55044	0.610532	1.23304	1.23304	0.264192	1.60744	1.60744	0.00155217	0.156338	-6.39639	0.917504	0.958626	-1.04316	0.103815	0.484126	-2.06558	3.88096	10.2235	2.34157	1
cg17616677	SEMA3E	0.00122596	0.337654	1.30644	1.30644	4.38E-05	8.13085	8.13085	0.804542	0.935145	-1.06935	0.316736	1.323	1.323	0.91177	1.03043	1.03043	0.112323	1.59601	1.59601	0.000971782	3.77126	3.77126	0.00192056	3.27967	3.27967	0.046769	1.85084	1.85084	11.1037	12.8607	1.02954	1
cg14519356	SEMA3E	0.00459304	0.00573414	0.349841	-2.85844	0.0095692	2.5896	2.5896	0.175556	0.658542	-1.51851	0.00280631	0.30298	-3.30055	0.725072	1.10783	1.10783	0.0394507	1.99545	1.99545	0.220801	0.688462	-1.45251	0.0731747	1.78514	1.78514	0.071403	0.557703	-1.79307	7.53079	10.0312	1.18402	1
cg21187258	SEMA3E	0.00537844	0.177797	0.614874	-1.62635	0.000384323	0.145956	-6.8514	0.0138299	0.355869	-2.81002	0.864428	1.05975	1.05975	0.00476064	0.28001	-3.57129	0.0124736	0.347929	-2.87415	0.0357936	0.436229	-2.29238	0.0741684	0.50877	-1.96553	0.00878943	0.322	-3.10559	7.1766	13.1094	1.62372	1
cg07449753	SEMA3E	0.042398	0.316919	0.623619	-1.60354	0.288907	0.605037	-1.65279	0.0474991	0.355346	-2.81416	0.183236	0.524917	-1.90506	0.0107653	0.231677	-4.31636	0.0811233	0.413702	-2.4172	0.0077848	0.210234	-4.75659	0.201412	1.85108	1.85108	0.164704	0.508368	-1.96708	3.60469	11.8929	2.93269	1
cg02572463	SEMA3E;SEMA3E	0.00033383	0.996587	0.999483	-1.00052	0.0054323	1.55662	1.55662	0.000182689	2.14975	2.14975	0.0956325	0.801372	-1.24786	0.00167613	1.722	1.722	0.000507132	1.92937	1.92937	0.00112063	0.559681	-1.78673	0.205599	1.17531	1.17531	0.390741	0.899082	-1.11225	15.9754	3.70237	0.206004	1
cg23889875	SEMA3E;SEMA3E	0.00189053	0.742446	1.03981	1.03981	0.931343	0.989852	-1.01025	0.00101801	1.78022	1.78022	0.298859	0.88033	-1.13594	0.000541441	0.529057	-1.89015	0.500912	0.922318	-1.08422	0.285415	0.876926	-1.14035	0.00506294	1.55067	1.55067	0.0392561	1.32624	1.32624	9.80114	2.17497	0.197253	1
cg05855618	SEMA3E;SEMA3E	0.0450748	0.0438381	0.423957	-2.35873	0.0193302	0.350697	-2.85146	0.329769	1.4514	1.4514	0.61376	0.828192	-1.20745	0.0914044	1.99085	1.99085	0.0900958	1.99754	1.99754	0.0533388	0.443522	-2.25468	0.686678	0.860535	-1.16207	0.428989	1.3486	1.3486	3.52333	7.65592	1.93148	1
cg07595663	SEMA3F	5.67E-05	0.000724327	0.641741	-1.55826	0.00148768	0.67347	-1.48485	9.97E-05	0.55122	-1.81416	0.874894	0.986499	-1.01369	3.58E-06	0.39145	-2.55461	0.678077	0.964629	-1.03667	0.0020001	0.686362	-1.45696	0.0123683	1.30822	1.30822	0.00402003	0.716468	-1.39574	25.752	3.03569	0.104784	1
cg24951824	SEMA3F	0.000423036	0.0141174	0.597683	-1.67313	0.81223	0.96037	-1.04127	4.43E-05	0.268539	-3.72386	0.390437	0.861111	-1.16129	9.17E-05	0.305109	-3.27751	0.110866	1.34334	1.34334	0.0841384	1.38362	1.38362	0.0444102	0.67551	-1.48036	0.0530106	0.688245	-1.45297	14.9672	6.84412	0.406467	1
cg19938159	SEMA3F	0.0115749	0.00828595	0.335298	-2.98242	0.00254229	0.257749	-3.87975	0.0161333	0.385614	-2.59327	0.176039	0.627702	-1.59311	0.00513556	0.30223	-3.30874	0.409654	1.31385	1.31385	0.0187457	0.397704	-2.51443	0.404289	0.758626	-1.31817	0.502747	0.802381	-1.24629	5.63901	9.35879	1.47525	1
cg19929403	SEMA3F	0.0163398	0.0153308	0.544719	-1.83581	0.850559	1.03925	1.03925	0.0204964	0.565612	-1.768	0.897684	0.974084	-1.02661	0.000674665	0.346073	-2.88956	0.65137	1.09729	1.09729	0.689668	1.08537	1.08537	0.193846	0.755336	-1.32391	0.456116	0.856481	-1.16757	5.03563	3.32257	0.586499	1
cg07640473	SEMA3F	0.0203488	0.00678464	14.0052	14.0052	0.0235097	7.65493	7.65493	0.531366	1.61121	1.61121	0.0225379	7.80937	7.80937	0.683861	1.3607	1.3607	0.51853	1.63624	1.63624	0.836528	1.16817	1.16817	0.0091166	12.0878	12.0878	0.00445183	17.3645	17.3645	4.67698	41.923	7.96773	1
cg02771034	SEMA3F	0.020814	0.791281	0.928809	-1.07665	0.0875603	0.591488	-1.69065	0.00229845	0.305316	-3.27529	0.0644202	0.560749	-1.78333	0.00195258	0.295365	-3.38564	0.428023	0.798273	-1.2527	0.869261	0.955169	-1.04694	0.217211	0.696634	-1.43547	0.0735457	0.573787	-1.74281	4.6411	5.69864	1.09143	1
cg14925342	SEMA3F	0.0209735	0.24035	1.1277	1.1277	0.0164856	1.33169	1.33169	0.0859873	1.20381	1.20381	0.229767	1.13111	1.13111	0.337687	1.10145	1.10145	0.0103096	1.37164	1.37164	0.0710899	1.21789	1.21789	0.0391836	1.26278	1.26278	0.00119806	1.5905	1.5905	4.62902	0.700752	0.134562	1
cg16529883	SEMA3F	0.0260681	0.601925	0.846644	-1.18113	0.932131	0.973417	-1.02731	0.150932	0.614543	-1.62722	0.334412	1.37012	1.37012	0.590333	0.842054	-1.18757	0.0564916	0.505099	-1.97981	0.00195809	0.250379	-3.99395	0.460288	1.26844	1.26844	0.00952672	0.353903	-2.82563	4.29415	6.80465	1.40856	1
cg13239297	SEMA3F	0.0477263	0.0771479	0.501725	-1.99312	0.360117	0.718777	-1.39125	0.984244	0.993093	-1.00695	0.748729	1.1194	1.1194	0.38628	0.732198	-1.36575	0.523092	1.25501	1.25501	0.00609638	3.51314	3.51314	0.159225	0.589791	-1.69552	0.0397812	0.4342	-2.30309	3.44841	6.72709	1.73403	1
cg07357683	SEMA3G	0.0080494	0.183897	0.695689	-1.43742	0.0804405	0.607077	-1.64724	0.182283	0.694644	-1.43959	0.750894	0.921293	-1.08543	0.000258462	0.212759	-4.70014	0.108548	0.637273	-1.56919	0.00532692	0.388676	-2.57284	0.0115629	0.443627	-2.25415	0.0949833	0.623592	-1.60361	6.33187	6.6438	0.932679	1
cg25134747	SEMA3G	0.0317603	0.0176375	0.339072	-2.94922	0.0112876	0.304582	-3.28318	0.00392196	0.233577	-4.28125	0.369577	1.41229	1.41229	0.957895	1.01998	1.01998	0.49002	0.768987	-1.30041	0.562047	1.2456	1.2456	0.995978	1.00189	1.00189	0.358397	0.702012	-1.42448	4.00463	8.90129	1.97578	1
cg06364417	SEMA4A	0.00251715	0.521284	0.84224	-1.18731	0.000393306	0.22507	-4.44306	0.000793788	0.262235	-3.81338	0.290882	0.748661	-1.33572	0.240885	0.723067	-1.383	0.37875	0.787814	-1.26934	0.000811798	0.263474	-3.79544	0.465165	0.821757	-1.2169	0.0058965	0.386172	-2.58952	9.01388	9.95741	0.981934	1
cg17971328	SEMA4A	0.00928323	0.679219	0.889639	-1.12405	0.322533	0.750232	-1.33292	0.0168074	0.440216	-2.27161	0.128057	0.629612	-1.58828	0.000273853	0.187044	-5.34634	0.0149252	0.430934	-2.32054	0.0266961	0.477876	-2.09259	0.197184	0.681547	-1.46725	0.0404979	0.514094	-1.94517	6.0525	7.58077	1.11334	1
cg16391608	SEMA4A	0.0168216	0.0229443	0.41215	-2.4263	0.0694622	0.516052	-1.93779	0.00764007	0.327194	-3.05629	0.122948	0.580163	-1.72365	0.0103971	0.349516	-2.8611	0.00824436	0.33261	-3.00653	0.00689172	0.319959	-3.1254	0.123864	0.58106	-1.72099	0.0170727	0.387804	-2.57862	4.98704	8.38262	1.49412	1
cg21996227	SEMA4A	0.027838	0.33457	0.817868	-1.22269	0.559883	0.887715	-1.12649	0.6313	0.906935	-1.10261	0.35147	0.823884	-1.21376	0.0340929	0.60676	-1.6481	0.081597	0.677098	-1.47689	0.0123203	1.87696	1.87696	0.0115877	1.89205	1.89205	0.976602	0.994093	-1.00594	4.19635	2.7126	0.574594	1
cg02774334	SEMA4A;SEMA4A	0.013255	0.0436171	0.480436	-2.08144	0.0142645	0.384789	-2.59883	0.0049967	0.309148	-3.2347	0.91415	0.966498	-1.03466	0.00214563	0.256089	-3.90489	0.0364844	0.46388	-2.15573	0.333577	1.37048	1.37048	0.215113	0.662108	-1.51033	0.074845	0.534209	-1.87193	5.39578	8.53303	1.40571	1
cg25913761	SEMA4B	0.0149067	0.0164374	0.455546	-2.19517	0.00797884	2.48924	2.48924	0.695443	1.11128	1.11128	0.794344	0.932339	-1.07257	0.183304	0.684794	-1.46029	0.0421883	0.533821	-1.87329	0.00562466	0.377294	-2.65045	0.251341	0.725129	-1.37907	0.674141	1.12009	1.12009	5.1914	5.9134	1.01251	1
cg13191115	SEMA4B	0.0304215	0.804417	1.05936	1.05936	0.0993283	0.657117	-1.5218	0.33617	0.794144	-1.25922	0.0326075	0.559204	-1.78826	0.756499	0.930258	-1.07497	0.00314136	0.391263	-2.55582	0.0121646	0.483698	-2.06741	0.691623	1.09709	1.09709	0.341387	1.25591	1.25591	4.06662	3.47922	0.760495	1
cg26312071	SEMA4B	0.0481545	0.335078	1.43816	1.43816	0.0348738	2.4567	2.4567	0.102509	1.92147	1.92147	0.243413	1.5623	1.5623	0.18764	0.600247	-1.66598	0.271382	1.51974	1.51974	0.00928315	0.299226	-3.34196	0.465085	0.762042	-1.31226	0.928343	1.03342	1.03342	3.43679	7.27266	1.881	1
cg03105663	SEMA4B;SEMA4B	0.000343457	0.00411989	0.515447	-1.94006	0.122621	0.749656	-1.33394	0.0552868	0.687831	-1.45384	0.011943	0.58259	-1.71647	1.53E-05	0.214015	-4.67257	7.25E-05	0.288243	-3.4693	0.00383906	0.511115	-1.95651	0.290639	0.827883	-1.2079	0.100473	0.733507	-1.36331	15.8512	7.44753	0.417636	1
cg01869554	SEMA4B;SEMA4B	0.0120167	0.87405	1.04812	1.04812	0.00194804	3.66215	3.66215	0.0161497	2.39138	2.39138	0.823314	0.935896	-1.06849	0.00856258	0.370242	-2.70094	0.141813	1.5967	1.5967	0.0693573	1.82551	1.82551	0.469881	1.24334	1.24334	0.482386	1.23554	1.23554	5.57098	7.74341	1.23551	1
cg13373706	SEMA4B;SEMA4B	0.0149299	0.819783	0.943706	-1.05965	0.797282	0.936733	-1.06754	0.407746	0.806532	-1.23988	0.0232605	1.991	1.991	0.000770457	0.274477	-3.64329	0.356246	1.27243	1.27243	0.323788	1.29531	1.29531	0.0944399	1.59485	1.59485	0.832014	0.947495	-1.05542	5.18872	5.29787	0.907587	1
cg12391372	SEMA4B;SEMA4B	0.0359899	0.750686	0.811176	-1.23278	0.000885492	26.321	26.321	0.218483	0.42753	-2.33902	0.986944	0.989315	-1.0108	0.266732	0.467831	-2.13753	0.498587	0.63699	-1.56988	0.685618	0.76554	-1.30627	0.656817	0.745597	-1.34121	0.552739	0.674174	-1.4833	3.82822	26.1309	6.06743	1
cg13644811	SEMA4B;SEMA4B	0.0391275	0.120521	0.426925	-2.34233	0.0106861	0.197515	-5.06289	0.430053	0.66556	-1.50249	0.167446	0.475323	-2.10383	0.00388122	0.140051	-7.14025	0.331395	0.602578	-1.65954	0.0122235	0.206409	-4.84474	0.617207	0.775149	-1.29008	0.107836	0.411938	-2.42755	3.71313	15.0241	3.59663	1
cg12896751	SEMA4C	0.00315738	0.371942	1.09795	1.09795	0.0190181	1.33564	1.33564	0.000107617	2.00595	2.00595	0.560932	1.06176	1.06176	0.0340011	1.28693	1.28693	0.0264785	0.764773	-1.30758	0.828861	1.02231	1.02231	0.123287	1.18551	1.18551	0.457517	0.925778	-1.08017	8.42904	1.38712	0.146279	1
cg00528640	SEMA4C	0.0310699	0.987815	1.0053	1.0053	0.00904171	0.317107	-3.15351	0.0023866	0.23098	-4.32938	0.920212	0.965915	-1.03529	0.58536	0.826389	-1.21008	0.710878	0.879083	-1.13755	0.0748508	0.503208	-1.98725	0.33893	0.710931	-1.40661	0.0203499	0.379871	-2.63247	4.03619	7.6586	1.68665	1
cg12522144	SEMA4C	0.032544	0.0704086	1.31758	1.31758	0.133773	0.802076	-1.24676	0.0459701	1.36607	1.36607	0.560847	1.08351	1.08351	0.0947036	1.28465	1.28465	0.0663814	1.32419	1.32419	0.00233272	1.78542	1.78542	0.224665	1.18999	1.18999	0.688875	1.05642	1.05642	3.96983	1.16945	0.261852	1
cg11426229	SEMA4C	0.0375383	0.299755	1.22268	1.22268	0.534286	1.12496	1.12496	0.643201	1.09119	1.09119	0.280763	1.23336	1.23336	0.145773	1.33934	1.33934	0.461445	0.869129	-1.15058	0.00180553	0.43596	-2.29379	0.384405	0.84633	-1.18157	0.166594	1.31773	1.31773	3.76994	2.08973	0.492723	1
cg12849291	SEMA4C	0.0377393	0.00198677	0.439833	-2.27359	0.361862	0.838388	-1.19277	0.288716	0.812908	-1.23015	0.186752	0.768578	-1.3011	0.0692131	0.682263	-1.46571	0.217496	0.78348	-1.27636	0.0669861	0.679654	-1.47134	0.842682	1.03808	1.03808	0.133428	1.35589	1.35589	3.7626	2.10786	0.497969	1
cg06944559	SEMA4C	0.0451119	0.0350215	0.506905	-1.97276	0.993409	1.00229	1.00229	0.271308	0.728495	-1.37269	0.0957843	0.602872	-1.65873	0.00578255	0.367817	-2.71874	0.0211287	0.46443	-2.15318	0.0419553	0.522901	-1.91241	0.278708	0.732317	-1.36553	0.0344396	0.505444	-1.97846	3.52225	4.26814	1.07712	1
cg17819119	SEMA4C	0.0458574	0.052317	3.49938	3.49938	0.0386821	3.89239	3.89239	0.0628644	3.27989	3.27989	0.0811962	2.99585	2.99585	0.0317207	4.17507	4.17507	0.0238569	4.6196	4.6196	0.0131122	5.73238	5.73238	0.0267694	4.43403	4.43403	0.0977346	2.8043	2.8043	3.50067	17.8599	4.53499	1
cg02702041	SEMA4D;SEMA4D	0.000226981	0.772511	0.963513	-1.03787	0.143501	1.22332	1.22332	4.06E-06	0.253795	-3.94019	0.324813	0.877762	-1.13926	0.0787067	0.778496	-1.28453	0.080258	1.28252	1.28252	0.0315744	0.723794	-1.38161	0.00151497	0.556659	-1.79643	0.12087	0.805982	-1.24072	17.7506	4.62251	0.231479	1
cg21220462	SEMA4D;SEMA4D	0.0141375	0.14689	0.74891	-1.33527	0.0777509	1.43919	1.43919	0.178508	0.766844	-1.30405	0.028656	0.619137	-1.61515	0.000539361	0.36806	-2.71695	0.252064	0.800745	-1.24884	0.838498	1.03863	1.03863	0.245294	0.797953	-1.25321	0.157513	0.755246	-1.32407	5.28288	2.88599	0.485592	1
cg03492094	SEMA4D;SEMA4D	0.0310169	0.51783	0.850484	-1.1758	0.134398	1.48991	1.48991	0.0164339	0.484703	-2.06312	0.516379	1.17648	1.17648	0.00163692	0.3282	-3.04692	0.994709	0.998363	-1.00164	0.989048	0.996615	-1.0034	0.819515	1.05808	1.05808	0.493132	0.842046	-1.18758	4.03864	3.90263	0.858954	1
cg05390555	SEMA4F	0.0035581	0.364668	1.06754	1.06754	0.00474955	1.30094	1.30094	0.0200594	1.21754	1.21754	0.149015	1.11469	1.11469	0.000476423	1.46935	1.46935	0.795128	0.981909	-1.01842	0.123471	0.88953	-1.12419	0.0142873	0.808981	-1.23612	0.488378	1.05063	1.05063	8.13361	0.634099	0.069298	1
cg26801943	SEMA4F	0.0110905	0.00387543	0.163011	-6.13455	0.020441	0.27182	-3.6789	0.878707	0.931267	-1.07381	0.115269	0.450031	-2.22207	0.0479568	0.348448	-2.86987	0.222262	0.549846	-1.81869	0.000806803	0.0946842	-10.5614	0.0183168	0.263161	-3.79996	0.071628	0.391427	-2.55475	5.7174	19.6881	3.06092	1
cg19285774	SEMA4F	0.0159546	0.000921555	0.396118	-2.5245	0.0255191	0.608662	-1.64295	0.0216877	0.597131	-1.67468	0.241211	0.794924	-1.25798	0.264342	0.804411	-1.24315	0.297052	0.816893	-1.22415	0.00696489	0.520451	-1.92141	0.914121	0.980022	-1.02039	0.060487	0.67301	-1.48586	5.07578	2.81335	0.492683	1
cg16472965	SEMA4F	0.0388262	0.200901	0.635023	-1.57475	0.0494286	2.12492	2.12492	0.0605789	2.03655	2.03655	0.0264633	0.412917	-2.42179	0.12876	1.73648	1.73648	0.581834	1.20559	1.20559	0.655994	1.16266	1.16266	0.0707867	0.507291	-1.97125	0.100495	1.83093	1.83093	3.72368	6.66429	1.59085	1
cg14027403	SEMA4G	1.11E-05	1.43E-05	0.0781104	-12.8024	6.33E-05	0.125139	-7.99108	0.000123402	0.151023	-6.62152	0.000696931	0.232208	-4.30649	7.27E-05	0.130277	-7.67596	3.45E-05	0.104185	-9.59833	2.16E-06	0.0375944	-26.5997	0.119734	1.61048	1.61048	0.000302366	0.190485	-5.24974	39.524	49.8811	1.12182	1
cg14907479	SEMA4G	4.64E-05	0.00212461	0.416184	-2.40279	0.000360141	0.312955	-3.19535	0.000607111	0.342046	-2.92358	0.407005	1.18791	1.18791	0.000150328	0.26678	-3.7484	9.61E-05	0.244423	-4.09128	2.64E-06	0.100559	-9.94436	0.622349	0.904129	-1.10604	0.161921	0.738461	-1.35417	27.1536	17.724	0.580205	1
cg03790075	SEMA4G	5.12E-05	0.160945	0.60786	-1.64512	0.5243	0.806929	-1.23927	4.42E-05	0.0762982	-13.1065	0.97455	0.98945	-1.01066	0.00177503	0.227752	-4.39073	0.0010393	0.198999	-5.02515	1.17E-06	0.0151962	-65.8057	0.0515385	0.478646	-2.08922	0.0763527	0.519192	-1.92607	26.4594	46.3158	1.55595	1
cg26991946	SEMA4G	0.000407381	0.000274567	0.245792	-4.06848	0.775305	0.934827	-1.06972	0.00222194	0.364514	-2.74338	0.678389	0.906472	-1.10318	0.00755553	0.445165	-2.24636	0.00146501	0.339002	-2.94984	2.34E-05	0.136697	-7.31543	0.326075	0.787593	-1.26969	0.00677073	0.437569	-2.28535	15.1237	13.2829	0.780695	1
cg23305764	SEMA4G	0.0025286	0.0210018	0.553931	-1.80528	0.443492	0.846857	-1.18084	0.00431774	0.444091	-2.25179	0.135265	0.709963	-1.40852	0.00084917	0.344075	-2.90634	0.0057504	0.462968	-2.15998	0.000200772	0.265096	-3.77221	0.321075	0.804035	-1.24373	0.740928	0.931843	-1.07314	9.00185	6.45341	0.637243	1
cg00994717	SEMA4G	0.0139461	0.00674942	0.47739	-2.09472	0.0124598	1.92452	1.92452	0.565824	0.884961	-1.12999	0.847817	0.960356	-1.04128	0.00584102	0.467725	-2.13801	0.0378139	0.602228	-1.6605	0.533679	1.14193	1.14193	0.280851	0.789779	-1.26618	0.165579	0.732448	-1.36529	5.30661	3.72569	0.624075	1
cg26241514	SEMA4G;MIR608	5.91E-05	6.00E-06	0.212647	-4.70263	0.000293921	0.40672	-2.45869	0.0686435	0.732847	-1.36454	0.42431	1.13252	1.13252	1.19E-05	0.243341	-4.10946	0.0771955	0.74108	-1.34938	0.000996153	0.47443	-2.10779	0.152899	0.79179	-1.26296	0.000118612	0.484301	-2.06483	25.4671	9.38111	0.327433	1
cg25979474	SEMA4G;MIR608	0.000561629	0.00198004	0.413534	-2.41818	0.70966	1.0785	1.0785	0.00379326	0.454242	-2.20147	0.00796724	0.502894	-1.98849	0.0836776	0.679193	-1.47233	6.09E-05	0.224088	-4.46253	0.000120927	0.257394	-3.88509	0.867677	0.966865	-1.03427	0.0730645	0.667656	-1.49778	13.8363	8.94849	0.574879	1
cg05322019	SEMA4G;SEMA4G	0.000830284	0.0330262	0.407159	-2.45604	0.000293453	0.11922	-8.38787	0.00515643	0.264116	-3.78622	0.37498	0.720205	-1.38849	0.0155576	0.343207	-2.91369	0.000604151	0.148638	-6.72776	8.66E-05	0.0789563	-12.6652	0.0616574	0.468273	-2.1355	0.00811245	0.294703	-3.39325	12.4017	25.5192	1.82909	1
cg14310958	SEMA4G;SEMA4G	0.00684896	0.0091465	0.563907	-1.77334	0.640797	1.08471	1.08471	0.0935422	0.726761	-1.37597	0.153591	0.767678	-1.30263	0.000431641	0.381563	-2.6208	0.486678	1.13009	1.13009	0.0326928	1.54104	1.54104	0.680206	0.930792	-1.07435	0.209062	0.79523	-1.2575	6.66023	3.1585	0.421541	1
cg12505991	SEMA5A	2.84E-06	0.540937	0.949791	-1.05286	0.534565	0.948999	-1.05374	4.53E-07	0.305775	-3.27038	0.762391	0.975078	-1.02556	0.0057722	0.740047	-1.35127	0.010706	1.306	1.306	4.65E-07	0.306946	-3.2579	0.368096	1.07998	1.07998	1.54E-05	0.47498	-2.10535	56.145	6.1595	0.0975173	1
cg18616062	SEMA5A	0.00047942	0.498764	1.33126	1.33126	0.0779604	2.28822	2.28822	0.0770729	2.29535	2.29535	8.05E-06	0.0095893	-104.283	0.0922066	0.457433	-2.18611	0.324655	0.65382	-1.52947	0.961717	1.02015	1.02015	0.618354	1.2325	1.2325	0.694932	1.17818	1.17818	18.0128	48.2648	2.08403	1
cg16513883	SEMA5A	0.000495666	0.00728342	0.70552	-1.41739	0.243604	0.8843	-1.13084	0.0580311	0.805791	-1.24102	0.106404	0.837201	-1.19446	0.803883	1.02539	1.02539	0.727253	0.965326	-1.03592	1.81E-05	2.4161	2.4161	0.343548	0.906343	-1.10334	0.00889119	0.714965	-1.39867	14.3251	2.30442	0.142992	1
cg00642749	SEMA5A	0.00132143	0.960572	1.01039	1.01039	0.0173232	1.83343	1.83343	0.482418	0.861301	-1.16103	0.275954	1.26747	1.26747	0.0113136	0.515111	-1.94133	0.0246048	1.75042	1.75042	0.000117899	0.244211	-4.09483	0.454068	0.852575	-1.17292	0.0133433	1.89854	1.89854	10.8681	7.52901	0.61579	1
cg11835978	SEMA5A	0.00246653	0.0647678	0.676163	-1.47893	0.00518101	0.49847	-2.00614	0.0141086	0.564663	-1.77097	0.989114	0.99743	-1.00258	0.626414	1.09697	1.09697	0.121364	0.728442	-1.37279	0.000855838	2.5725	2.5725	0.0166037	0.575857	-1.73654	0.00654928	0.513581	-1.94711	9.06793	5.11146	0.501054	1
cg02072484	SEMA5A	0.00660669	0.771669	1.05648	1.05648	0.0349404	0.628716	-1.59054	0.0953284	0.707502	-1.41342	0.00605816	1.96761	1.96761	0.00508473	2.01221	2.01221	0.840479	1.03879	1.03879	0.0359104	1.58543	1.58543	0.720032	0.934299	-1.07032	0.0132428	0.560062	-1.78552	6.73524	3.80319	0.501929	1
cg09441579	SEMA5A	0.00941477	0.35726	0.832804	-1.20076	0.0224774	1.69598	1.69598	0.354287	1.2022	1.2022	0.44126	0.859207	-1.16386	0.000414217	0.338686	-2.95259	0.0591093	0.662448	-1.50955	0.146175	0.739745	-1.35182	0.284487	0.806666	-1.23967	0.788749	1.05326	1.05326	6.02546	3.56349	0.525693	1
cg17608082	SEMA5A	0.0108887	0.70901	0.91025	-1.0986	0.285602	1.32075	1.32075	0.738904	0.919516	-1.08753	0.0119386	0.455251	-2.19659	0.000792737	0.280383	-3.56655	0.71705	1.09559	1.09559	0.117189	1.53249	1.53249	0.0829397	1.61866	1.61866	0.252984	0.741191	-1.34918	5.75133	5.73158	0.885837	1
cg11958040	SEMA5A	0.0111712	0.91787	1.01352	1.01352	0.0062547	1.59038	1.59038	0.00775013	1.56102	1.56102	0.037875	1.36823	1.36823	0.896723	0.983231	-1.01705	0.366018	1.12856	1.12856	0.000985097	1.89234	1.89234	0.0569967	1.32374	1.32374	0.049991	1.33785	1.33785	5.70405	1.53193	0.238728	1
cg23198906	SEMA5A	0.0114762	0.00888844	0.324536	-3.08132	0.163739	0.605118	-1.65257	0.00652838	0.302826	-3.30222	0.755489	0.899795	-1.11136	0.00196657	0.227936	-4.38719	0.369255	0.732209	-1.36573	0.00252253	0.24231	-4.12694	0.401182	0.74793	-1.33702	0.177344	0.615938	-1.62354	5.65464	10.2319	1.60841	1
cg22744783	SEMA5A	0.0127492	0.0133884	0.220737	-4.53028	0.00109254	0.092913	-10.7628	0.0676833	0.364386	-2.74434	0.953144	0.971434	-1.02941	0.00699584	0.179007	-5.58639	0.13629	0.453072	-2.20715	0.0116902	0.211411	-4.73012	0.137584	0.454434	-2.20054	0.0696837	0.367662	-2.71989	5.46478	21.0547	3.42471	1
cg11776321	SEMA5A	0.0129054	0.0570725	0.664281	-1.50539	0.0107568	0.543961	-1.83837	0.966639	1.00798	1.00798	0.238168	0.790765	-1.2646	0.00587477	0.504099	-1.98374	0.10237	0.712031	-1.40443	0.0918498	1.42279	1.42279	0.0199906	1.70481	1.70481	0.245652	0.793968	-1.2595	5.44312	3.11206	0.508216	1
cg17520550	SEMA5A	0.016575	0.297634	0.922524	-1.08398	0.00372954	0.746363	-1.33983	0.864158	1.01287	1.01287	0.162767	0.894681	-1.11772	0.0709313	1.16264	1.16264	0.0831579	0.866519	-1.15404	0.990053	0.999069	-1.00093	0.0715585	1.16216	1.16216	0.0210887	1.2302	1.2302	5.0117	0.442771	0.0785312	1
cg02397179	SEMA5A	0.0210814	0.107605	1.38518	1.38518	0.00963982	0.544495	-1.83656	0.0302979	0.623422	-1.60405	0.545684	1.12016	1.12016	0.485667	1.14049	1.14049	0.893804	0.975522	-1.02509	0.0141192	1.75423	1.75423	0.0683236	0.684747	-1.46039	0.309127	0.822583	-1.21568	4.62092	2.51973	0.4847	1
cg15966106	SEMA5A	0.0230117	0.0926423	0.533651	-1.87389	0.356358	1.37982	1.37982	0.0167602	2.69335	2.69335	0.923508	1.03313	1.03313	0.0327963	2.33379	2.33379	0.104094	1.82772	1.82772	0.370506	1.36628	1.36628	0.184594	0.620282	-1.61217	0.0130417	0.351594	-2.84419	4.48407	8.17961	1.62146	1
cg16002929	SEMA5A	0.0241294	0.846447	1.05153	1.05153	0.00206549	3.07847	3.07847	0.344487	1.28705	1.28705	0.0299727	1.93814	1.93814	0.927508	1.02386	1.02386	0.59901	1.14742	1.14742	0.0201102	2.06816	2.06816	0.0194254	2.07993	2.07993	0.0249911	1.99613	1.99613	4.41117	4.69232	0.945542	1
cg15130855	SEMA5A	0.0283273	0.00690459	1.78123	1.78123	0.0424195	1.47088	1.47088	0.727576	0.943897	-1.05944	0.266881	1.21043	1.21043	0.699132	1.06622	1.06622	0.0643986	1.40923	1.40923	0.00487734	1.85165	1.85165	0.924313	0.984434	-1.01581	0.236767	0.814929	-1.2271	4.17066	1.80046	0.38373	1
cg17807777	SEMA5A	0.0295596	0.0340615	0.280966	-3.55915	0.0489702	0.315461	-3.16997	0.0138842	0.210121	-4.75915	0.208129	0.506057	-1.97606	0.0347243	0.282702	-3.5373	0.0693486	0.352497	-2.83691	0.0072748	0.16919	-5.91051	0.248572	1.85709	1.85709	0.65228	0.792318	-1.26212	4.10833	17.1386	3.70814	1
cg07429743	SEMA5A	0.038024	0.00624749	0.0897237	-11.1453	0.020056	0.149853	-6.67321	0.100992	0.296666	-3.37079	0.0691712	0.252686	-3.95748	0.0153147	0.13345	-7.49346	0.144283	0.346077	-2.88953	0.0187991	0.145759	-6.86066	0.152725	0.354815	-2.81837	0.110104	0.307844	-3.2484	3.75227	27.2006	6.44366	1
cg11483789	SEMA5B	0.00040982	0.000621116	0.717073	-1.39456	0.0001218	1.52764	1.52764	0.231228	1.08254	1.08254	0.131873	0.902384	-1.10818	0.00356946	1.28315	1.28315	0.874952	0.990103	-1.01	0.00153915	0.749928	-1.33346	0.257218	0.928041	-1.07754	0.679108	1.02662	1.02662	15.0989	0.953861	0.056155	1
cg01337143	SEMA5B	0.000448068	0.203213	0.809187	-1.23581	3.03E-05	0.276438	-3.61744	0.0180744	0.635953	-1.57244	0.438659	1.1326	1.1326	5.42E-05	0.305404	-3.27435	0.276072	0.836445	-1.19554	0.0659014	0.722337	-1.3844	0.929217	0.986093	-1.0141	0.018782	0.638398	-1.56642	14.7313	5.7972	0.349805	1
cg21845182	SEMA5B	0.000620295	8.42E-05	0.300664	-3.32597	0.0585525	0.695465	-1.43789	0.0150303	0.601723	-1.66189	0.294135	0.831165	-1.20313	0.00019684	0.345213	-2.89676	0.25368	1.22456	1.22456	0.000576125	0.40439	-2.47286	0.58558	0.910674	-1.09809	0.0108011	0.580328	-1.72316	13.4584	6.1562	0.4066	1
cg02306995	SEMA5B	0.000911658	0.00559343	0.484292	-2.06487	0.00558715	0.484219	-2.06518	0.00181953	0.413451	-2.41867	4.85E-05	0.218102	-4.585	0.0664565	0.663536	-1.50708	0.400379	0.84236	-1.18714	0.703083	0.926521	-1.07931	0.680292	0.920745	-1.08608	0.000740373	0.360197	-2.77626	12.0787	7.5973	0.559096	1
cg17935281	SEMA5B	0.00167033	0.00231394	1.68385	1.68385	7.06E-05	2.42941	2.42941	0.0478399	1.31917	1.31917	0.693914	0.952728	-1.04962	0.238985	0.859861	-1.16298	0.0599828	0.771205	-1.29667	0.466988	1.09485	1.09485	0.863491	0.979151	-1.02129	0.572712	0.932596	-1.07228	10.1594	2.41189	0.211027	1
cg16649034	SEMA5B	0.0016949	0.463306	1.06653	1.06653	0.0186311	0.781841	-1.27903	0.0912762	0.851739	-1.17407	0.00380947	0.714128	-1.40031	0.217118	1.11857	1.11857	0.249965	1.10931	1.10931	0.000111986	1.79661	1.79661	0.535959	0.947356	-1.05557	0.895359	1.01142	1.01142	10.1166	1.19289	0.104813	1
cg04225940	SEMA5B	0.00257276	0.0105077	0.645787	-1.5485	0.494022	0.909989	-1.09891	0.218832	0.838923	-1.192	0.906065	0.984096	-1.01616	0.000465725	0.473557	-2.11168	0.00129641	0.529179	-1.88972	0.0267727	1.42811	1.42811	0.707049	0.950018	-1.05261	0.0882955	1.29099	1.29099	8.95605	2.61616	0.259654	1
cg07733481	SEMA5B	0.00333942	0.275604	0.677171	-1.47673	0.000442278	0.148571	-6.73078	0.00122761	0.196909	-5.07848	0.0567388	0.476529	-2.09851	0.0996944	0.537865	-1.8592	0.0953879	0.532744	-1.87708	0.000837331	0.177744	-5.62605	0.0111703	0.335196	-2.98333	0.144573	0.583546	-1.71366	8.28936	15.5096	1.66314	1
cg18419070	SEMA5B	0.00420612	0.408461	0.882173	-1.13356	0.179087	0.809259	-1.2357	0.13652	1.26853	1.26853	0.550815	0.914393	-1.09362	0.000108059	0.363481	-2.75118	0.0865931	0.755269	-1.32403	0.108981	1.29588	1.29588	0.151148	1.25621	1.25621	0.928781	1.01334	1.01334	7.7343	2.69332	0.309539	1
cg14772050	SEMA5B	0.00642997	0.920998	0.976334	-1.02424	0.00334327	0.381309	-2.62255	0.112904	0.65929	-1.51678	0.00209728	0.351757	-2.84287	0.00100302	0.307549	-3.25151	0.0135189	0.478057	-2.0918	0.0360543	0.555068	-1.80158	0.833509	0.95045	-1.05213	0.140638	0.682049	-1.46617	6.79216	6.27033	0.820597	1
cg15230931	SEMA5B	0.0097867	0.86565	0.970629	-1.03026	0.0219961	0.61652	-1.62201	0.0813513	0.711679	-1.40513	0.941399	1.01303	1.01303	0.733727	1.06195	1.06195	0.0175093	0.601057	-1.66374	0.00198832	2.15704	2.15704	0.045584	1.49718	1.49718	0.294733	1.21084	1.21084	5.95149	2.92134	0.43632	1
cg13482010	SEMA5B	0.011618	0.00281412	0.422021	-2.36955	0.00866398	0.495868	-2.01667	0.483098	0.861212	-1.16115	0.13076	0.710304	-1.40785	0.0245733	0.570463	-1.75296	0.858208	0.963207	-1.0382	0.0258466	1.74136	1.74136	0.650584	1.1003	1.1003	0.0533049	0.631162	-1.58438	5.63223	3.91975	0.618621	1
cg06656414	SEMA5B	0.0126814	0.914197	0.969055	-1.03193	0.0368065	0.492945	-2.02862	0.195677	1.49049	1.49049	0.456523	0.801588	-1.24752	0.596148	0.855572	-1.16881	0.88884	0.960033	-1.04163	0.00150474	3.79566	3.79566	0.00493491	2.96232	2.96232	0.963703	0.986816	-1.01336	5.47429	7.37464	1.19746	1
cg10783060	SEMA5B	0.0175122	0.854289	1.0845	1.0845	0.111791	2.14713	2.14713	0.552512	0.767094	-1.30362	0.151608	1.9697	1.9697	0.0202812	3.43775	3.43775	0.589476	1.27172	1.27172	0.00112574	8.29342	8.29342	0.00573917	4.94164	4.94164	0.338339	1.54572	1.54572	4.92032	15.1716	2.74085	1
cg16812052	SEMA5B	0.0198699	0.00442313	0.235718	-4.24235	0.458251	0.75026	-1.33287	0.0236428	0.357763	-2.79514	0.7672	1.11956	1.11956	0.00623708	0.257646	-3.88129	0.0258981	0.36563	-2.73501	0.0153845	0.32258	-3.10001	0.897584	1.05021	1.05021	0.313302	0.672503	-1.48698	4.71501	10.8073	2.03744	1
cg08476485	SEMA5B	0.0202129	0.706372	0.874426	-1.14361	0.0819456	0.504905	-1.98057	0.0970195	0.524248	-1.90749	0.100937	0.52891	-1.89068	0.0396916	2.32399	2.32399	0.857924	1.06559	1.06559	0.0731653	0.492384	-2.03094	0.00351356	4.06951	4.06951	0.923426	1.03467	1.03467	4.68766	9.33275	1.76971	1
cg18073906	SEMA5B	0.03346	0.0485154	2.39325	2.39325	0.363361	1.43578	1.43578	0.457279	0.745945	-1.34058	0.745506	1.1344	1.1344	0.0611578	2.26359	2.26359	0.0451518	2.43495	2.43495	0.00220122	5.26968	5.26968	0.0311745	2.66219	2.66219	0.211611	1.6645	1.6645	3.93044	9.33246	2.11058	1
cg02464608	SEMA5B	0.0410591	0.992888	0.997067	-1.00294	0.96678	1.01382	1.01382	0.997394	1.00108	1.00108	0.660521	0.864444	-1.15681	0.000907719	0.194862	-5.13183	0.424848	1.30815	1.30815	0.17666	1.60542	1.60542	0.468573	1.27515	1.27515	0.903883	0.960965	-1.04062	3.64779	6.27605	1.52934	1
cg27072247	SEMA6A	0.000110274	0.243985	0.791053	-1.26414	6.52E-05	0.244173	-4.09546	0.00140099	0.410747	-2.43459	0.0159724	1.76344	1.76344	0.00204947	0.433711	-2.30568	0.776671	1.05621	1.05621	2.71E-05	0.203492	-4.91421	0.00757848	1.93566	1.93566	0.916224	0.979971	-1.02044	21.5684	12.6302	0.520522	1
cg19918005	SEMA6A	0.00217601	0.0718301	1.2865	1.2865	0.00346329	1.64457	1.64457	0.0195232	1.4245	1.4245	0.00613871	0.638777	-1.56549	0.00333142	0.605986	-1.6502	0.76157	0.962572	-1.03888	0.317926	0.87862	-1.13815	0.524545	0.922345	-1.08419	0.00480874	1.59835	1.59835	9.40741	2.34111	0.221207	1
cg09807033	SEMA6A	0.0058979	0.898837	1.04849	1.04849	0.650577	0.843851	-1.18504	0.558589	0.802323	-1.24638	0.0575963	2.22435	2.22435	0.173883	1.71368	1.71368	0.149725	1.77718	1.77718	0.000396536	8.16511	8.16511	0.00192481	5.12783	5.12783	0.0155737	3.01741	3.01741	6.976	15.3159	1.95157	1
cg13685437	SEMA6A	0.00593094	0.752452	0.941627	-1.06199	0.309196	0.818693	-1.22146	0.819611	0.95751	-1.04438	0.0299283	1.62504	1.62504	0.00041448	0.344761	-2.90056	0.0174601	0.576954	-1.73324	0.0627491	1.48889	1.48889	0.214332	1.2821	1.2821	0.707767	1.0742	1.0742	6.96399	3.98517	0.50867	1
cg12928668	SEMA6A	0.01023	0.98246	0.998262	-1.00174	0.180764	0.89363	-1.11903	0.000415647	1.55763	1.55763	0.141608	1.13324	1.13324	0.878618	1.01217	1.01217	0.20321	1.11215	1.11215	0.054845	0.841698	-1.18807	0.290666	0.916878	-1.09066	0.125171	1.14037	1.14037	5.86776	0.582019	0.0881683	1
cg19540471	SEMA6A	0.0157588	0.842469	1.09484	1.09484	0.00236841	6.89219	6.89219	0.240853	1.74913	1.74913	0.987954	1.0069	1.0069	0.638348	1.24057	1.24057	0.159604	1.98247	1.98247	0.00333648	0.162169	-6.16641	0.735878	0.857129	-1.16668	0.188261	1.88675	1.88675	5.09666	16.7376	2.91914	1
cg15201175	SEMA6A	0.0212111	0.946484	0.974357	-1.02632	0.829545	0.919951	-1.08701	0.197935	1.69319	1.69319	0.0682651	2.20351	2.20351	0.0128441	0.30248	-3.30601	0.0100087	3.5196	3.5196	0.18399	1.72535	1.72535	0.0133366	3.27516	3.27516	0.157388	1.79522	1.79522	4.61125	10.9376	2.10839	1
cg23507211	SEMA6A	0.0268446	0.0125593	3.05218	3.05218	0.208513	1.61058	1.61058	0.697371	1.15081	1.15081	0.0099437	3.22309	3.22309	0.0109686	3.14989	3.14989	0.191286	1.64433	1.64433	0.277526	1.5007	1.5007	0.00668798	3.54162	3.54162	0.0332503	2.44625	2.44625	4.25026	8.6977	1.81902	1
cg00422935	SEMA6A	0.0276639	0.0239735	1.50558	1.50558	0.365385	0.868231	-1.15177	0.0116112	1.61501	1.61501	0.00424747	1.7885	1.7885	0.823844	0.966695	-1.03445	0.809803	1.03731	1.03731	0.356413	0.86579	-1.15501	0.560575	0.914472	-1.09353	0.171414	1.24761	1.24761	4.20562	1.53748	0.324957	1
cg13364558	SEMA6A	0.0398381	0.551376	1.19228	1.19228	0.0249618	2.17825	2.17825	0.00693409	2.77201	2.77201	0.490616	0.815195	-1.2267	0.165703	1.53942	1.53942	0.770531	1.0891	1.0891	0.0277208	0.467967	-2.1369	0.95509	0.9837	-1.01657	0.717792	0.899503	-1.11173	3.68864	4.97488	1.19885	1
cg16446824	SEMA6A	0.0421512	0.0168858	0.351992	-2.84097	0.971885	0.987454	-1.01271	0.115964	1.8442	1.8442	0.371105	0.719643	-1.38958	0.0275167	0.393038	-2.54428	0.695462	0.868548	-1.15135	0.0343707	0.413075	-2.42087	0.0766675	2.02466	2.02466	0.440171	0.754265	-1.32579	3.61251	7.34251	1.80669	1
cg00275886	SEMA6A	0.0440406	0.0105138	2.08609	2.08609	0.595346	0.884774	-1.13023	0.0202523	0.527632	-1.89526	0.120098	0.680379	-1.46977	0.289114	1.28571	1.28571	0.589082	0.882893	-1.13264	0.0838766	1.54787	1.54787	0.949244	1.01465	1.01465	0.421798	1.20613	1.20613	3.55404	2.93605	0.734324	1
cg19494010	SEMA6A	0.0482677	0.0351435	0.723974	-1.38127	0.802651	1.03351	1.03351	0.0329502	1.38858	1.38858	0.412448	0.895576	-1.1166	0.80168	1.03368	1.03368	0.16425	0.822564	-1.21571	0.149133	0.815783	-1.22582	0.74366	0.957732	-1.04413	0.0174005	1.46389	1.46389	3.43374	0.942029	0.243862	1
cg06959182	SEMA6A;SEMA6A	0.0182659	0.621226	0.743088	-1.34574	0.202496	2.23042	2.23042	0.153859	2.48486	2.48486	0.941112	0.95691	-1.04503	0.000554693	0.0409785	-24.403	0.348234	0.562275	-1.77849	?	?	?	0.948453	0.962188	-1.0393	0.684271	1.27601	1.27601	4.94054	24.7216	5.00382	1
cg07100508	SEMA6A;SEMA6A	0.0312818	0.563607	1.08438	1.08438	0.476279	1.10552	1.10552	0.239283	0.842827	-1.18648	0.839427	1.02855	1.02855	0.760348	1.04336	1.04336	0.797147	1.03639	1.03639	0.000726272	0.490123	-2.0403	0.239427	1.18641	1.18641	0.511748	1.09673	1.09673	4.02641	1.22773	0.27104	1
cg09573435	SEMA6A;SEMA6A	0.0426875	0.0444763	0.614073	-1.62847	0.0714959	1.53004	1.53004	0.0200446	1.80925	1.80925	0.234158	1.30153	1.30153	0.21553	1.31712	1.31712	0.732372	0.930034	-1.07523	0.637595	0.904601	-1.10546	0.0700126	0.651777	-1.53427	0.0971371	1.4692	1.4692	3.59559	2.54265	0.628585	1
cg24694177	SEMA6B	1.88E-05	1.40E-06	0.194025	-5.15398	1.61E-05	0.305495	-3.27337	0.626413	1.06759	1.06759	6.97E-06	0.265382	-3.76816	0.123609	0.800637	-1.24901	0.0582326	0.751749	-1.33023	0.844274	0.974122	-1.02657	0.0776406	0.769922	-1.29883	0.0831707	0.774353	-1.2914	34.4402	9.69479	0.250219	1
cg04410777	SEMA6B	6.12E-05	0.321911	1.34401	1.34401	0.0110119	2.51305	2.51305	0.932959	0.975984	-1.02461	0.00133219	3.84968	3.84968	0.760643	0.915505	-1.09229	0.728364	0.904171	-1.10598	0.661924	1.13556	1.13556	6.26E-07	51.6797	51.6797	0.883143	1.04341	1.04341	25.2367	33.3656	1.17521	1
cg00039385	SEMA6B	0.000375724	0.608206	1.19083	1.19083	0.00104355	5.15131	5.15131	0.00818525	3.13596	3.13596	0.000196689	8.28278	8.28278	0.530614	1.23932	1.23932	0.308989	1.4271	1.4271	0.106104	1.8151	1.8151	1.32E-05	21.8491	21.8491	0.175163	1.62748	1.62748	15.4646	27.9444	1.60621	1
cg15226659	SEMA6B	0.000390417	0.289833	1.22861	1.22861	0.000140654	3.42644	3.42644	0.970719	1.0069	1.0069	0.925717	1.01763	1.01763	0.115965	0.72602	-1.37737	0.000806632	0.387748	-2.579	0.173231	1.31204	1.31204	0.0185974	1.70699	1.70699	0.000339538	0.338949	-2.9503	15.3021	8.51136	0.494418	1
cg10052840	SEMA6B	0.000506233	0.00050176	0.477064	-2.09616	0.00220441	1.79256	1.79256	0.943747	0.990448	-1.00964	0.420363	1.11848	1.11848	0.000306622	0.450565	-2.21944	0.976956	0.996079	-1.00394	0.477433	0.906429	-1.10323	0.000884653	1.9692	1.9692	0.740386	1.04626	1.04626	14.2415	4.17225	0.260413	1
cg19615174	SEMA6B	0.00199628	?	?	?	0.213799	2.49881	2.49881	0.210113	0.396919	-2.5194	0.0861407	3.76831	3.76831	?	?	?	0.949419	0.956586	-1.04538	0.374899	1.89115	1.89115	4.64E-05	216.991	216.991	0.238264	2.37319	2.37319	10.1464	61.1785	6.89095	1
cg17477806	SEMA6B	0.00250385	0.513666	0.834496	-1.19833	0.00808016	0.395893	-2.52593	0.0740357	0.580522	-1.72259	0.0679835	0.572151	-1.74779	0.000361209	0.209634	-4.77021	0.525516	0.838846	-1.19211	0.00044467	0.220016	-4.54513	0.0996642	1.63706	1.63706	0.064066	0.566405	-1.76552	9.02796	10.6685	1.05042	1
cg27552857	SEMA6B	0.00321917	0.0157829	0.381342	-2.62232	0.0326773	0.442774	-2.25849	0.0606765	0.501914	-1.99237	0.0773518	0.527286	-1.89651	0.0155278	0.380051	-2.63123	0.0629938	0.505741	-1.97729	6.92E-05	0.0934804	-10.6974	0.00952527	0.34287	-2.91656	0.037763	0.455962	-2.19317	8.38053	14.1014	1.49568	1
cg17789464	SEMA6B	0.00674088	0.784611	0.949367	-1.05333	0.00417733	2.07078	2.07078	0.0004276	2.87916	2.87916	0.645926	1.0917	1.0917	0.0247607	1.66019	1.66019	0.0134651	1.78647	1.78647	0.0409089	1.56444	1.56444	0.654406	0.918094	-1.08921	0.246818	1.25819	1.25819	6.69328	3.81301	0.50638	1
cg11545720	SEMA6B	0.00940511	0.026314	4.31811	4.31811	0.0224629	4.56298	4.56298	0.179318	2.20768	2.20768	0.0696062	3.08549	3.08549	0.105811	2.66669	2.66669	0.0248852	4.40284	4.40284	0.000881986	15.9186	15.9186	0.00230998	10.6297	10.6297	0.0226997	4.54629	4.54629	6.02743	29.4254	4.33948	1
cg12941931	SEMA6B	0.0101402	0.28812	0.719085	-1.39066	0.186257	0.657689	-1.52047	0.232288	0.687575	-1.45439	0.00533288	0.333654	-2.99712	0.000415456	0.187375	-5.33689	0.0472261	0.507151	-1.9718	0.101055	0.584515	-1.71082	0.0693813	0.54474	-1.83574	0.0102863	0.380228	-2.63	5.88434	8.33333	1.25883	1
cg23957285	SEMA6B	0.0135831	0.0208235	3.91599	3.91599	0.011814	4.67705	4.67705	0.00199033	8.51939	8.51939	0.0281591	3.56824	3.56824	0.596519	1.29976	1.29976	0.0257546	3.66743	3.66743	0.0075754	5.39541	5.39541	0.0285912	3.55161	3.55161	0.0986658	2.43165	2.43165	5.35274	20.4128	3.38981	1
cg14272073	SEMA6B	0.0181676	0.0500181	0.696186	-1.4364	0.420708	0.875205	-1.14259	0.00184413	0.488432	-2.04737	0.37715	0.863425	-1.15818	0.723408	0.944046	-1.05927	0.156316	0.782137	-1.27855	0.00120954	0.463963	-2.15534	0.323975	0.847839	-1.17947	0.540508	0.904472	-1.10562	4.85995	2.02107	0.369655	1
cg12068366	SEMA6B	0.0284335	0.269685	0.814265	-1.2281	0.506015	1.1282	1.1282	0.158398	0.763736	-1.30935	0.107438	0.730464	-1.36899	0.00585595	0.524746	-1.90569	0.0161829	1.69192	1.69192	0.971235	0.993575	-1.00647	0.651631	0.921966	-1.08464	0.0402672	0.654706	-1.5274	4.16516	2.10794	0.449856	1
cg02777191	SEMA6B	0.0296279	0.813403	0.959255	-1.04248	0.841581	1.03583	1.03583	0.74208	0.943555	-1.05982	0.00818826	1.81347	1.81347	0.00374792	0.502337	-1.9907	0.122904	0.745236	-1.34186	0.514119	1.12344	1.12344	0.476435	1.13585	1.13585	0.476492	1.13583	1.13583	4.10497	2.01221	0.435724	1
cg06746744	SEMA6B	0.0329497	0.352521	1.65883	1.65883	0.130267	2.3739	2.3739	0.358745	1.64747	1.64747	0.0603131	3.06723	3.06723	0.0747791	0.34996	-2.85747	0.279399	1.81288	1.81288	0.19356	2.07048	2.07048	0.00166303	10.8039	10.8039	0.206707	2.02286	2.02286	3.95222	17.518	3.93995	1
cg00244267	SEMA6B	0.0343662	0.0404559	0.270912	-3.69124	0.59548	1.34405	1.34405	0.333075	1.73495	1.73495	0.969519	0.979135	-1.02131	0.851102	0.901498	-1.10926	0.258656	1.91624	1.91624	0.197453	0.471507	-2.12086	0.00177803	11.6476	11.6476	0.479493	1.48689	1.48689	3.89276	18.7742	4.28698	1
cg09321959	SEMA6B	0.0352274	0.396154	1.13691	1.13691	0.21875	0.826122	-1.21047	0.1842	0.812196	-1.23123	0.605539	1.07997	1.07997	0.188444	1.22848	1.22848	0.37619	1.14351	1.14351	0.00918938	1.62973	1.62973	0.0396352	1.42099	1.42099	0.00943827	1.62552	1.62552	3.85808	1.33243	0.306989	1
cg06915470	SEMA6B	0.046021	0.979364	0.995297	-1.00473	0.0031274	2.0885	2.0885	0.0928237	1.40082	1.40082	0.944331	0.987352	-1.01281	0.416207	0.859458	-1.16352	0.261366	1.23799	1.23799	0.0172051	1.69736	1.69736	0.827424	1.0406	1.0406	0.110049	1.37364	1.37364	3.49599	1.83938	0.467679	1
cg05317605	SEMA6B;SEMA6B	0.000400904	0.30129	0.758668	-1.3181	0.571347	1.15896	1.15896	0.345368	1.28483	1.28483	0.177532	1.44709	1.44709	0.0685438	0.591073	-1.69184	0.570281	1.15944	1.15944	0.481589	0.831547	-1.20258	4.45E-06	15.2442	15.2442	0.772426	0.927947	-1.07765	15.1907	16	0.936246	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09263146	SEMA6C	0.00108945	0.06092202	0.78375	-1.36916	0.2257826	1.50562	1.50562	0.01078512	0.640804	1.56054	3.76E-05	0.204172	-3.19937	0.1100007	0.763956	0.13088	0.244624	1.10598	1.20688	0.01930772	0.18832	1.18832	0.2310391	0.8235828	-1.21429	0.2481654	0.829781	1.205514	11.4837	4.34483	0.336308	1
cg06035839	SEMA6C	0.031694	0.40941	0.903317	-1.10703	0.8880046	0.983167	-1.01712	0.3999941	1.10943	1.10943	0.040484	0.751882	-1.33	0.0592216	0.7735598	-1.29266	0.00145938	0.574656	-1.74017	0.113878	0.815457	-1.22631	0.10888	0.809987	-1.23459	0.683647	1.05062	1.05062	0.670463	0.921964	0.204491	1
cg16488304	SEMA6C SEMA6D;SEMA6C;SEMA6D;SEMA6C;SE	0.0321898	0.8700886	1.07256	1.07256	0.00211068	0.120678	-8.28651	0.244587	1.6979	1.6979	0.16495	1.91346	1.91346	0.399767	1.45052	1.45052	?	?	?	0.192203	1.8275	1.8275	0.654354	0.824263	-1.21321	0.279591	0.614012	-1.62863	5.03165	12.3491	1.84072	1
cg26819633	MAG0;SEMA6D SEMA6D;SEMA6C;SEMA6D;SEMA6C;SE	2.57E-06	0.00178898	1.18593	1.18593	0.00437831	0.704968	-1.4185	0.00631337	1.38643	1.38643	0.677584	0.96232	-1.03916	4.13E-08	0.1690002	-5.91708	0.00769607	1.36969	1.36969	0.033848	1.37487	1.25557	0.25517	0.0101416	0.742367	-1.34704	0.00545763	0.610324	-1.63847	0.07303	7.69935	0.118802	1
cg16110827	MAG0;SEMA6D SEMA6D;SEMA6C;SEMA6D;SEMA6C;SE	0.00119261	0.337702	0.7481	-1.33672	0.042999	0.504694	-1.9814	0.452291	0.798639	-1.25213	0.723404	0.900915	-1.10998	3.87E-05	0.0987769	-10.1238	0.000382566	0.189176	-5.28608	0.923209	0.972086	-1.02872	0.374705	1.30675	1.30675	0.151805	0.637071	-1.56968	11.1915	15.2829	1.21385	1
cg20869673	MAG0;SEMA6D SEMA6D;SEMA6C;SEMA6D;SEMA6C;SE	0.0351486	0.0901161	0.527988	-1.89398	0.0337469	2.33447	2.33447	0.0373578	2.28451	2.28451	0.248405	0.661947	-1.51069	0.0615542	0.422243	-2.3683	0.547784	1.23119	1.23119	0.206107	1.57779	1.57779	0.0695652	2.00178	2.00178	0.387384	1.35384	1.35384	0.86121	7.14984	1.64597	1
cg22367144	MAG0;SEMA6D SEMA6D;SEMA6C;SEMA6D;SEMA6C;SE MAG0;SEMA6D;SEMA6C;SEMA6D;SEMA	0.0370534	0.465653	1.08569	1.08569	0.0798242	0.806344	-1.24017	0.0291659	0.7523	-1.32926	0.190134	0.857574	-1.16608	0.0460461	1.28808	1.28808	0.300819	1.12605	1.12605	0.120515	1.20498	1.20498	0.0452395	1.28965	1.28965	0.162782	1.17938	1.17938	3.78787	0.735562	0.172612	1
cg16727037	A6D;SEMA6D;SEMA6D;SEMA6D SEMA6D;SEMA6C;SEMA6D;SEMA6C;SE MAG0;SEMA6D;SEMA6C;SEMA6D;SEM	0.00180902	0.118443	0.829404	-1.20568	0.00589596	0.671955	-1.48819	0.69507	1.04443	1.04443	0.0109921	1.42202	1.42202	0.50029	1.07842	1.07842	0.0520402	1.27622	1.27622	0.915869	0.988407	-1.01173	0.000115624	0.4743212	-2.10832	0.8992245	1.01408	1.01408	9.92739	1.91459	0.171431	1
cg19453181	A6D;SEMA6D;SEMA6D;SEMA6D	0.0496016	0.0567128	0.699698	-1.42919	0.483605	0.888809	-1.1251	0.0189812	1.60046	1.60046	0.0322584	0.660228	-1.51463	0.825081	0.9640314	-1.03733	0.389465	0.864142	-1.15722	0.0617124	1.41682	1.41682	0.391188	1.15657	1.15657	0.5760443	1.09805	1.09805	3.39845	1.47551	0.38593	1
cg20736847	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.00105497	0.3479368	1.65625	1.05625	0.000197536	0.346397	-2.88686	0.0131768	0.559989	-1.68353	0.000134716	0.321988	-3.1057	0.00909802	0.575584	-1.7434	0.00688631	0.552695	-1.80932	0.056146	0.19617	-5.09763	0.845079	1.03371	1.03371	0.356042	0.851379	-1.17457	19.6836	9.95513	0.404403	1
cg26095405	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.00207444	0.055923	0.763344	-1.3101	0.01588018	0.878012	-1.13894	0.0109967	0.8232681	-1.21465	0.1652992	0.7705584	-1.29772	0.0240306	0.9595511	-1.0422	0.0006168071	0.6768416	-1.47751	0.0554889	0.715434	-1.39804	0.144644	0.572714	0.9605855	-1.04155	0.539171	0.5613331	0.0523036	1
cg20559000	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.0220993	0.5771136	0.704705	-1.41903	0.630873	1.35094	1.35094	0.866615	0.900824	-1.11009	0.679538	0.772526	-1.29446	0.683861	0.775407	-1.28965	0.206825	0.437279	-2.28687	0.000343128	0.0278392	-35.9205	0.681341	1.29244	1.29244	0.324866	1.88074	1.88074	4.54691	27.7995	5.43461	1
cg22825002	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.0319944	0.941646	0.989342	-1.01097	0.4597007	1.15548	1.15548	0.210494	0.724682	1.23632	1.23632	0.2904407	1.07385	0.1553601	0.7227474	-1.38361	0.559204	1.09525	1.09525	0.0013792	0.506235	-1.97537	0.779826	0.9539052	-1.04204	0.412663	1.13033	1.13033	0.39216	1.32671	0.301599	1
cg20927731	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.03453	0.2408822	0.650225	-1.53793	0.297561	1.46015	1.46015	0.3172844	0.7256644	-1.37809	0.4426223	1.31576	1.31576	0.3810796	0.8897971	-1.12409	0.5519165	1.09251	1.09251	0.0401752	-2.4801	0.0221282	0.220199	-4.54135	0.8559988	1.06575	1.06575	1.88608	7.56257	1.72984	1
cg20888046	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.0356753	0.3457694	1.73875	-1.15133	0.1711	1.02405	1.02405	0.8012045	0.8497	-1.05168	0.6333368	0.9744431	1.09018	0.0881053	1.71065	1.71065	0.560212	1.18297	1.18297	0.0234961	1.6402159	1.64021	0.0023591	2.08215	2.08215	0.0198651	1.35865	1.35865	0.44044	4.94054	1.14559	1
cg26437121	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.0407698	0.147556	0.21436	-4.66506	0.0205906	20.1445	20.1445	0.00387103	95.5416	95.5416	0.4229	2.19186	2.19186	?	?	?	0.323743	2.67595	2.67595	0.1861	3.96719	3.96719	0.4514602	2.08418	2.08418	0.106008	5.87982	5.87982	5.33537	61.6161	7.21788	1
cg20971159	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.0273402	0.1729672	1.67932	0.159969	3.82081	3.82081	0.00281118	0.48978	0.48978	0.1332413	0.6276572	-1.59319	0.5457548	0.757444	-1.32023	0.485	0.724406	1.38044	1.38044	0.3891107	1.49335	1.49335	0.4882334	1.37705	1.37705	0.475628	1.3904	1.3904	1.30478	11.5869	2.90629	1
cg18468560	SEMA3;SEMA7A;SEMA7A;SEMA7A	0.0482216	0.38534	1.19373	1.19373	0.0190443	0.568499	-1.75902	0.0958719	0.609298	-1.64113	0.0329382	0.608752	-1.64271	0.566859	1.12208	1.12208	0.0300437	0.601842	-1.66157	0.183749	0.72826	-1.37314	0.152876	1.3561	1.3561	0.7605007	0.927594	-1.07806	3.44908	2.15385	0.557362	1
cg04545516	SEMG1	8.02E-06	0.29534	1.18833	1.18833	0.000151143	0.355654	-2.81172	0.000112218	0.339916	-2.9419	0.00211377	0.503084	-1.98774	2.84E-06	0.168322	-5.94301	0.0582936	0.711677	-1.40513	2.68E-06	0.1660224	-6.02331	7.32E-06	0.2077726	-4.81403	7.66E-05	0.1320031	-3.1247	42.9513	17.1885	0.355721	1
cg10740895	SEMG1	0.0148812	0.716942	1.849472	-1.13722	0.163849	0.513909	-1.64587	0.0351349	0.532968	-1.88103	0.0139729	0.6892573	0.4320304	-1.53764	0.1139964	1.160804	0.0010187	0.13993	-7.14463	0.153162	0.504216	-1.98328	0.0107564	0.2737577	-3.65527	0.023473	0.2079396	-6.36252	5.19433	10.5567	2.82644	1
cg05177629	SEMG1	0.0228797	0.3588555	0.591394	-1.69092	0.00104354	0.0670767	-14.9083	0.0189548	0.205587	-4.86412	0.0539848	0.295865	-3.37992	0.0079632	0.1924616	3.12094	0.0502109	0.288545	-3.46567	0.814706	0.877477	-1.13963	0.0444276	0.276593	-3.61542	0.0896081	0.352783	2.8346	4.49297	22.0567	4.36369	1
cg20015689	SEMG1	0.0297125	0.5588264	0.392166	-2.54994	0.129656	0.487663	-2.0506	0.0153036	0.270909	-3.69128	0.0595186	0.393419	-2.54182	0.00290132	0.166024	-6.02322	0.447442	0.712041	-1.40441	0.973416	1.01472	1.01472	0.0138023	0.263163	-3.79992	0.119198	0.476298	-2.09953	4.10083	12.4956	2.70857	1
cg20709823	SEMG1	1.18E-05	0.0420714	1.415154	1.415154	0.0001355	0.1843	-3.16439	0.7764005	1.014018	-1.04418	0.2172641	0.7834322	-1.27644	0.0002109	0.0020243	-49.4034	0.0035724	1.79039	1.79039	3.24E-06	0.178521	-5.60157	3.15E-05	0.3036033	-3.2928	0.0010157	0.488084	2.048863	38.8459	13.3234	0.304873	1
cg03312792	SEMG1	6.96E-05	0.0517277	1.67311	1.67311	0.0090859	2.16101	2.16101	0.415687	0.8241155	-1.21336	0.7583383	1.07436	1.07436	2.04E-05	0.135179	-7.39759	0.000737763	0.3034	-3.29301	2.11E-05	0.136403	-7.32973	0.0309314	0.554831	-1.80235	0.00127685	0.335512	-2.98052	24.3839	20.8703	0.760806	1
cg09536599	SEMG1	0.0023812	0.7214445	0.8705	-1.14884	0.0390228	0.949122	-1.05311	0.0003201631	0.8254598	-1.21127	0.0004495053	0.367324	-2.72477	0.0004855972	0.367324	-2.72477	0.000908365	0.4231212	-2.36355	0.0001507994	0.3193397	-2.99943	0.1886	0.6982	-1.43206	0.0077885	0.4009134	3.612329	0.7725	0.1888389	1
cg17806673	SEMG2	0.00201061	0.961115	0.986073	-1.01412	0.402717	0.781659	-1.27933	0.004109094	0.331735	-3.01446	0.0309677	0.48257	-2.07224	0.000180134	0.1614222	6.19495	0.0853752	0.578648	-1.72817	0.000466461	0.2053854	-4.86891	0.0101917	0.3937387	-2.53945	0.0255938	0.466306	-2.14452	9.62704	12.6165	1.16491	1
cg02311163	SEMG2	0.0134053	0.062161	0.360417	-2.77456	0.0346384	0.302075	-3.31044	0.0274917	0.28163	-3.55076	0.061729	0.359658	-2.78042	0.0015587	0.1098449	-9.10339	0.48822	1.40808	1.40808	0.0416228	0.319318	-1.31668	0.0155077	0.236245	-4.2329	0.0133249	0.225342	-4.43737	5.9756	20.1097	3.32509	1
cg26695115	SEMG2	0.0420905	0.35915	1.388902	1.388902	0.0466	1.79316	1.79316	0.2911704	0.6616521	-1.51063	0.1117612	-1.1485	0.8948841	0.06639	-1.74143	0.6131	0.10567	0.641359	1.55934	0.2789561	1.8006	1.8006	0.1313702	0.540395	-1.8505	0.0315667	1.38237	-2.58908	5.61444	8.15114	2.00469	1
cg11128345	SEMP1	2.13E-06	0.0607818	0.748407	-1.33617	0.569508	0.924126	-1.0821	2.89E-05	0.324506	-3.08161	5.81E-06	0.247103	-4.04689	2.68E-07	0.123832	-8.07543	1.35E-06	0.183789	-5.44103	0.302986	0.86391	-1.15753	0.109979	0.787525	-1.2698	5.08E-06	0.240985	-4.14963	60.4686	18.0025	0.264637	1
cg04212869	SEMP1	0.00467483	0.0474171	1.7	-1.45773	0.0220004	0.0880018	-2.5772	0.0110084	0.3329553	-3.00343	0.0482223	0.39533	-2.52995	0.0001576	0.1098354	9.10339	0.0090973	1.01383	1.01383	0.0003039576	2.01613	2.01613	0.0004384	2.84419	1.14459	0.0458865	0.7405	1.75005	0.00767	1.75005	0.207676	1
cg14397309	SEMP1	0.0429194	0.233387	0.605287	-1.64938	0.588135	0.803338	-1.24481	0.132763	0.522244	-1.91482	0.813996	0.909926	-1.09899	0.013141	0.29183	3.42665	0.0131566	2.29192	2.29192	0.0429786	2.2337	2.2337	0.0124322	3.334712	2.98764	0.0011405	0.0690111	0.442678	-2.25898	1.58835	0.11586	2.25813	1
cg10470783	SENP1;PFKM	0.00358694	0.531936	0.918272	-1.089	0.3369752	1.38575	1.38575	0.00516621	0.6082062	-1.64438	0.0206029	1.45577	1.45577	0.127658	1.24835	1.24835	0.00978907	1.55246	1.55246	0.114639	0.793687	-1.25994	0.364451	0.882053	-1.13372	0.0016956	1.82922	1.82922	8.11397	2.33057	0.255315	1
cg00798707	SENP1;PFKM	0.0236705	0.03743171	1.7	-1.46077	0.0220924	0.0880018	-2.5772	0.0110084	0.3329553	-3.00343	0.0482223	0.39533	-2.52995	0.0001576	0.1098354	9.10339	0.1326848	1.52216	1.52216	0.0635124	2.16513	2.16513	0.0384455	2.48409	1.5745	0.0363955	0.8863	-1.01383	0.1468223	1.30729	1.44059	0.2883884	0.4171338	1
cg12629083	SENP1;SENP1;PKM	0.00011386	0.599203	1.05287	1.05287	3.61E-06	0.873281	1.87231	6.12E-05	0.205172	2.05172	0.859084	0.10315	0.10315	0.171061	1.15211	1.15211	0.0798604	1.20783	1.20783	0.0598046	0.813562	-1.22916	0.37845	0.915954	-1.09176	0.641186	1.04665	1.04665	21.3846	3.19657	0.132874	1
cg13619343	SENP1;SENP1;PKM	0.0124162	0.9245583	1.08	1.08	0.0001144	1.13713	1.13713	0.0003644	1.23345	1.23345	0.0001144	1.08527	1.08527	0.0001144	1.18042	1.18042	0.0176518	1.18065	1.18065	0.0178961	1.0606	1.0606	0.7719562	1.02324	1.07953	0.0846015	0.6461768	1.0004983	0.9596321	0.0004683	1
cg06867460	SENP1;SENP1;PKM	0.00605866	0.511717	1.35655	1.35655	0.659348	1.2251	1.2251	0.943642	0.968191	-1.03285	?	?	?	?	0.000118367	0.0379119	-29.5929	0.867176	1.08299	1.08299	0.168007	0.507414	-1.97078	0.538666	0.751893	-1.32998	0.291505	0.604543	-1.65414	8.13233	23.4295	2.5209	1
cg09509087	SENP1;SENP1;PKM	0.00565196	0.6749656	1.018613	1.018613	0.311313	0.820982	-1.21805	0.816638	0.957205	-1.04471	0.576839	1.112	1.112	0.481553	1.14422	1.14422	0.8134655	1.04527	1.04527	0.5152731	1.31257	1.31257	0.2690481	1.37668	1.33719	1.20041	0.1689793	1.18182	1.18182	6.76051	3.79968	0.499222	1
cg14884445	SENP2	0.0003056	0.160877	-6.21591	0.0003887	0.297571	3.36054	0.0017104	0.5096546	-1.00551	0.0563167	0.509849	-1.36136	0.0184159	0.0410108	-2.43108	0.000910263	0.213103	-4.69258	7.03E-05	0.10423	-9.59413	0.398016	0.763586	-1.30961	0.0469208	0.74198	0.868868	1.36778	0.1346	0.2508	0.868868	1
cg20089095	SENP2	0.00248379	0.0003983	0.0522227	-19.1487	0.2443116	0.528915	-1.89066	0.0487601	0.308232	-3.24431	0.0766354	0.357076	-2.80052	0.000941797	0.075805	-13.1917	0.012505	0.196964	-5.07708	0.000646888	0.0648095	-15.4298	0.203925	0.496021	-2.01604	0.979143	1.01376	1.01376	0.04935	39.1899	3.8495	1
ch.3.36304F	SENP2	0.00644069	0.6547182	-1.54154	0.6547182	0.2211221	0.0061431	-3.16339	0.7764005	1.014018	-1.08958	0.1613222	1.20371	1.20371	0.3872872	-1.1786	0.2185644	0.004523	2.628394	2.628394	0.1593636	0.5348895	1.87382	0.0292283	0.1706115	0.106115	0.6679229	0.948333	2.054488	0.89626	0.2123306	1
cg00033304	SENP2	0.0203904	0.0199373	0.168459	-5.93615	0.00546846	0.100126	-9.98739	0.106267	0.329218	-3.03725	0.137064	0.364676	-2.74216	0.26067	2.09371	2.09371	0.751008	1.22023	1.22023	0.0353146	0.0828163	-12.0749	0.116781	0.341875	-2.92505	0.289122	0.500034	-1.99987	4.67373	29.3666	5.58518	1
cg07212640	SENP2	0.0324082	0.902398	0.989137	-1.01426	0.0289344	1.94952	1.94952	0.0152911	0.669741	-1.49291	0.114941	1.21932	1.21932	0.156849	0.83932	-1.19144	0.117891	1.1294	1.1294	0.0700425	1.03443	1.03443	0.590254	1.06491	1.0649	0.0273987	1.35061	1.35061	0.975579	0.6633618	0.188389	1
cg04442326	SENP2;SENP2	0.0244172	0.0013792	0.680517	-1.46955	0.413873	0.933108	-1.07169	0.0154254	0.71496	-1.39846	0.1866118	1.01387	1.01387	0.397203	0.9306667	1.0745	0.019379	0.892294	-1.12071	0.0844812	0.822139	-1.21634	0.0818986	1.12459	1.12459	0.0630812	0.840899	-1.1892	4.39308	0.477982	0.0967141	1
cg13800049	SEMP1	0.00011095	0.0012936	0.327052	-3.05762	0.00015973	0.214847	-4.65448	0.0155146	0.492744	-2.02945	0.959574	0.987988	-1.01216	0.0012406	0.324543	-3.08126	3.17E-05	0.144823	6.905	0.0096206	1.54001	1.54001	0.00421664	0.2639302	-3.78928	9.90E-05	0.192489	-5.19511	21.5256	19.3779	0.800201	1
cg09196565	SEMP1	0.00206093	0.0589415	0.7	-1.42857	0.0220924	0.0880018	-2.5772	0.0110084	0.3329553	-3.00343	0.0482223	0.39533	-2.52995	0.0001576	0.1098354	9.10339	0.1753145	1.61045	1.61045	0.0015	2.47143	2.47143	0.0001618	3.70313	1.73313	0.0193	0.2789156	0.5992701	0.9648833	-1.03645	0.1587474	0.003472	1.0961	0.6062095	1
cg06709089	SENP3	0.00586141	0.00729984	0.212339	-4.70994	0.00146308	0.127716	-7.8299	0.0387506	0.342324	-2.92121	0.106813	0.454475	-2.20034	0.008114488	0.219123	-4.56365	0.0220812	0.292453	-3.41935	0.00301806	0.161857	-6.1783	0.00363169	0.171582	-5.82811	0.0274337	0.310853	-3.21696	9.08937	22.2075	2.82429	1
cg20635185	SENP3	0.0162361	0.5379413	-1.86077	0.2220924	0.3880218	-2.5772	0.0110084	0.3329553	-3.00343	0.0482223	1.39533	1.39533	0.0094422	0.3230324	0.109565	-9.12677	0.0025349	0.235653	-4.24354	0.1220226	0.558941	-1.7891	0.0676768	0.9831576	-1.01711	0.1449741	0.587016	-1.70353	5.04039	9.49798	1.675	1
cg22957404	SENP3	0.0410854	0.27706	0.616213	-1.62282	0.2213505	0.305846	-3.26962	0.0374967	0.355654	-2.81172	0.0079768	0.233037	-4.29116	0.0110937	0.255663	3.91141	0.0345207	0.347902	-2.87437	0.0860893	0.443854	-2.25299	0.0274106	0.73107	-1.36786	0.1835676	0.547995	-1.82483	3.64693	10.5945	2.58226	1
cg17274771	SENP3	0.0442753	0.101613	0.751892	-1.32998	0.0411334	1.45486	1.45486	0.0210787	1.55488	1.55488	0.371194	1.15731	1.15731	0.875602	0.975382	-1.02524	0.581028	1.09274	1.09274	0.0379183	0.681842	-1.46651	0.0809096	1.36063	1.36063	0.491527	0.89479	-1.11758	5.547	1.42216	0.356398	1
cg26805551	SENP3	2.52E-05	0.0003516	0.0001	-9.99999	0.0001	0.0001	-9.99999	0.0001	0.0001	-9.99999	0.0001	0.0001	-9.99999	0.0001	0.0001	-9.99999	4.83E-06	0.210561	-4.74921	0.0001	0.0001	-9.99999	0.0001	0.0001	-9.99999	0.0001	0.0001	-9.99999	0.0001	-1.08179	3.93E-06	0.201648	-4.95913	0.2619	1.26E-06	0.313028	1
cg12666221	SENP5	0.00233213	0.0187519	0.463277	-2.15854	0.01151	0.425764	-2.34872	0.032968	0.509794	-1.96158	0.950888	1.01678	1.01678	0.0441583	0.354259	-2.82279	0.000438034	0.222943	-4.48545	0.000623361	0.24128	-4.14457	0.530613	1.18721	1.18721	0.023811	0.482521	-2.07245	9.21841	10.6554	1.02745	1
cg10772991	SENP5	0.0139529	0.0026672273	0.4	-2.5	0.0078719	0.2714491	-3.68341	0.0214866	0.4613	-2.16749	0.1043	1.13649	1.13649	0.2274844	0.6972395	-1.43411	0.0001298	0.1923218	0.0202632	4.93	0.0001753	0.1905714	0.0002938	0.2329313	-4.29309	0.0030252	0.1545241	-6.47356	0.56376	0.1811	0.71912	1
cg18022496	SENP5	0.0366966	0.783665	1.02652	1.02652	0.000932711	1.59982	1.59982	0.0374472	1.25811	1.25811	0.753308	1.03044	1.03044	0.4618393	1.07383	1.07383	0.725424	1.03411	1.03411	0.529653	1.06243	1.06243	0.806089	1.02367	1.02367	0.0375403	1.25797	1.25797	1.80125	0.5445555	0.127339	1
cg24371848	SENP5	0.0431362	0.509161	0.748585	-1.33585	0.291096	1.60595	1.60595	0.973064	0.985506	-1.01471	0.279631	0.523204	-1.9552	0.0015918	0.128458	0.274213	0.3468	0.818731	1.08691	1.08691	0.1034221	0.266118	-3.75773	3.58164	10.6063	2.63227	1
cg16586002	SENP5;SENP5	0.00298252	0.0100736	0.447478	-2.23473	0.1782331	1.69401	1.69401	0.1678293	0.872204	-1.1452	0.0051592	0.1688407	0.61773	0.884167	0.953347	-1.04894	0.0183574	1.39472	1.3946	0.507572	0.882239	-1.24651	0.1314466	1.75473	1.75473	0.2375097	1.50081	1.50081	0.54852	10.7096	1.51211	1
cg03760308	SENP6;SENP6	0.00162646	0.0210718	0.584312	-1.71142	0.993004	1.00148	1.00148	0.753449	0.9408	-1.06292	0.3111101	1.22503	1.22503	8.22E-05	0.253057	-3.95168	0.166747	0.751626	-1.33045	0.0116462	1.84164	1.84164	0.0309734	1.6332	1.6332	0.143169	0.737326	-1.35625	10.2378	6.0818	0.528046	1
cg08859073	SENP6;SENP6	0.0122072	0.0022805	0.3044	-2.68755	0.0013384	0.6533	-1.6303	0.402989	0.822523	-1.21577	0.781937	1.0653	1.0653	0.2175759	0.744025	-1.34404	0.171604	0.717622	-1.39349	0.0021333	0.55834	-1.79101	0.0149741	0.58701	-1.70413	0.0094075	0.427949	-2.33673	5.5426	4.56288	0.731768	1
cg14150751	SENP6;SENP6	0.0139577	0.274597	-1.68553	-1.49554	0.0116161	0.55566	1.05566	0.0961106	1.90082	1.90082	0.129867	0.6655	0.27665	1.49275	1.49275	0.00606005	0.2810394	3.55752	0.611276	0.843033	-1.19899	0.0797577	1.99063	1.99063	0.105383	2.85568	2.85568	0.565362	3.6814021	-1.22847	3.50516	1.76488	1
cg08222514	SENP6;SENP6	0.0305984	0.0845537	0.580885	-1.72151	0.0417962	1.95044	1.95044	0.00762204	2.65568	2.65568	0.0174067	0.4385511	-2.28044	0.85958	0.950832	-1.05171	0.740558	0.909728	-1.09923	0.243529	1.41543	1.41543	0.74907	1.09568	1.09568	0.679191	1.1257	1.1257	0.40584	5.2104	1.14125	1
cg02720600	SENP6;SENP6	0.0306518	0.72204	1.008182	1.008182	0.0426248	0.98399	-1.48999	0.1394279	0.6127264	-1.63033	0.2437005	0.7104582	-1.48285	0.4810133	0.8152639	-1.18326	0.1139028	1.53337	1.53337	0.0600357	1.73169	1.73169	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg11509632	13-Sep	0.01509013	0.869912	0.909885	-1.03105	0.0168042	1.72965	3.72965	0.335921	1.20335	1.83158	3.63768	1.30094	1.30094	0.0266099	1.6327	1.6327		0.00200268	2.25612	2.25612	0.00736597	1.90466	1.90466	0.4976101	1.13708	1.61078	0.6090221	0.908247	1.610032	4.77911	2.63445	0.4899773	1
cg11292332	13-Sep	0.03238232	0.00284485	0.122687	-8.15082	0.219599	0.517184	-1.93355	0.245245	0.537512	-1.86042	0.369862	0.624768	-1.60059	0.00834353	0.178748	5.59447		0.1175O1	0.419631	-2.38305	0.767693	0.859585	-1.16335	0.644505	1.26785	1.26785	0.0489408	0.317142	-3.15316	0.744379	15.47332	3.67283	1
cg17007389	14-Sep	0.00121471	0.0701081	1.67777	1.67777	0.00134471	3.28858	3.28858	0.0385157	1.8452	1.8452	0.0272087	0.512752	-1.95026	0.000968227	0.285068	-3.50794		0.322311	1.29858	1.29858	0.00619715	2.48054	2.48054	0.00465167	2.61666	2.61666	0.4368113	1.22472	1.22472	11.133	11.5148	0.91937	1
cg04184137	14-Sep	0.01875233	0.4583112	0.80734	-1.23863	0.0103448	0.398935	-2.50608	0.0170574	0.438606	-2.27995	0.00840087	0.0597992	-2.59613	0.00549937	0.355417	-2.81318		0.0533558	0.536895	-1.86256	0.020095	0.455171	-2.21381	0.817726	1.060918	1.060918	0.5215507	0.831831	-1.20217	4.80833	6.115565	1.13057	1
cg08489623	14-Sep	0.0461327	0.884323	0.888875	-1.12502	0.00714414	0.0600082	-16.6644	0.202848	0.336952	-2.96778	0.301576	0.402609	-2.3775	0.0166169	0.0945191	-10.5799		0.216566	0.349183	-2.86383	0.083806	0.0652106	-15.6349	0.055243	0.958452	0.958452	0.0185309	0.0864945	0.218574	-4.57511	0.121721	0.257311	-3.88635	0.49281	36.2192	9.21747	1
cg02263585	SEPT2;HDLBP;SEPT2;SEPT2;SEPT2	0.00090711	0.000345798	0.352339	-2.83837	0.117386	0.735144	-1.36028	0.0540169	1.48627	1.48627	0.75745	0.945418	-1.05373	0.104485	0.732002	-1.37925		0.1192O1	1.35838	1.35838	0.503559	0.88427	-1.13088	0.914814	1.01958	1.01958	0.7738215	0.950149	-1.01547	0.92828	3.08203	0.462166	1
cg07417218	SEPT2;SEPT2;HDLBP;SEPT2;SEPT2 SEPT2;SEPT2;HDLBP;SEPT2;SEPT2;SEPT	0.0472439	0.00156911	0.348004	-2.87353	0.930615	0.979966	-1.02044	0.224818	1.34485	1.34485	0.439288	0.83251	-1.20119	0.649482	0.899127	-1.11219		0.661623	1.10777	1.10777	0.247305	0.754944	-1.3246	0.081188	0.638091	-1.56718	0.172372	0.713527	-1.40149	3.46165	2.96084	0.760289	1
cg02469457	2;SEPT2 SEPT2;SEPT2;SEPT2;HDLBP;SEPT2;SEPT	0.0455444	0.00315618	0.145104	0.452104	0.012913	0.633975	-1.57735	0.612049	1.07844	1.07844	0.030978	1.45353	0.705253	0.945433	-1.05772			0.1998J8	1.2214	1.2214	0.360153	0.870298	-1.14903	0.729496	1.0526	1.0526	0.163317	1.2457	1.2457	3.50968	1.21202	0.306966	1
cg27114661	2;SEPT2	0.0228782	0.190132	1.4682	1.4682	0.0841579	1.69696	1.69696	0.0264491	2.07161	2.07161	0.94046	1.02089	1.02089	0.186364	1.47362	1.47362		0.00379069	0.339284	-2.94738	?	?	?	0.75483	0.916953	-1.09057	0.146159	1.53998	1.53998	4.57277	4.93111	1.07836	1
cg00599402	SEPT3;SEPT3	0.00180562	0.00313597	0.482473	-2.07265	0.0757224	1.42868	1.42868	0.844755	1.03601	1.03601	0.0650823	1.45321	1.45323	8.06E-05	0.276907	-3.61133		0.924417	1.01727	1.01727	0.820837	1.04179	1.04179	0.3881033	1.17306	1.17306	0.440262	0.751008	-1.33154	0.9328	5.12342	0.458496	1
cg21924823	SEPT3;SEPT3	0.00742152	0.0674156	0.814344	-1.22934	0.6990202	0.961655	-1.0399	0.665459	1.03733	1.03733	0.963016	1.0952	-1.09481	0.111444	0.8397718	-1.19088		0.0477048	0.790217	-1.26526	0.000185391	0.529147	-1.88912	0.60178	1.54848	1.54848	0.445537	1.044402	1.044402	1.54291	1.19404	1.344908	0.542915	1
cg01959055	SEPT3;SEPT3	0.0338575	0.0237638	0.608557	-1.64323	0.0178963	0.588833	-1.69827	0.688609	1.10572	1.10572	0.878023	0.9721331	-1.02867	0.0260196	0.6955418	-1.43774		0.221758	0.7895O3	-1.26662	0.0334878	0.633063	-1.57962	0.00640803	0.520626	-1.92077	0.403218	0.85434	-1.17049	3.91376	2.09942	0.476819	1
cg01959209	SEPT3;SEPT3;WBP2NL	0.01555141	0.0194609	0.675246	-1.48094	0.938579	1.01077	-1.01077	0.0789365	0.762458	-1.31155	0.953139	0.995712	-1.00431	0.00310133	0.569764	-1.75511		0.0550313	0.739013	-1.35316	0.0118545	0.655227	-1.52619	0.521502	0.691487	-1.44616	0.00667207	0.613038	1.63021	1.56814	0.272076	5.76611	1
cg16220183	SEPT4;SEPT4	0.00385964	0.021881	1.01221	1.01221	0.402808	0.0600817	-1.09017	0.0977999	1.25201	1.25201	0.0109018	1.48487	1.48487	0.00351942	1.9567	1.9567		0.1192O1	1.35838	1.35838	0.503559	0.88427	-1.13088	0.914814	1.01958	1.01958	0.7738215	0.950149	-1.01547	0.92828	3.08203	0.462166	1
cg11738446	SEPT4;SEPT4	0.0269267	0.0635988	1.43323	1.43323	0.336993	1.1863	1.1863	0.0660578	1.42741	1.42741	0.0160378	0.601287	-1.6631	0.389923	0.858947	-1.16422		0.678304	0.930545	-1.07464	0.0519588	0.682759	-1.46465	0.0250994	1.5838	1.5838	0.3098889	0.8341145	-1.19883	4.24571	2.00278	0.419306	1
cg17985124	SEPT4;SEPT4	0.0319317	0.861305	1.04732	1.04732	0.0923445	0.794767	-1.25823	0.0799439	1.67151	1.67151	0.169553	1.47241	1.47241	0.0877308	1.64597	1.64597		0.148294	1.50583	1.50583	0.0004519	0.419286	-2.58501	0.0918982	1.2631	1.2631	0.0683987	0.583039	-1.71509	3.7109	4.10886	0.984214	1
cg13464189	5-Sep	0.00229074	0.568609	0.864688	1.15609	0.000125862	0.185473	-5.39161	0.1259768	1.53856	1.53856	0.749155	1.08431	1.08431	0.0041284	2.454804	2.454804		0.953753	1.01474	1.01474	0.0239556	0.943852	-2.90823	0.583625	0.869653	-1.14988	0.0183222	0.485234	0.96294	9.34375	0.890257	1
cg13477510	5-Sep	0.00285157	0.00089769	0.64851	-1.542	0.0967613	0.860136	-1.16261	0.325299	1.08669	1.08669	0.0313528	0.809809	-1.23486	0.0858428	0.85466	-1.17006		0.540665	1.05184	1.05184	0.000734645	1.56528	1.56528	0.263115	0.908797	-1.10036	0.059215	1.19342	1.19342	10.6269	1.09305	0.0799996	1
cg04328702	5-Sep	0.0185168	0.787278	0.916067	-1.09197	0.0185351	1.04263	1.04263	0.800783	0.92804	-1.07754	0.669658	0.87555	-1.14224	0.119754	0.591822	-1.68958		0.957448	1.01666	1.01666	0.0002638	0.155163	-6.59444	0.175002	0.840641	-1.19007	0.152125	0.623076	-1.61011	4.42387	7.33485	1.35018	1
cg24217005	5-Sep	0.02145666	0.00988279	0.615058	-1.62586	0.939843	1.01556	1.01556	0.0754223	1.49006	1.49006	0.740862	1.07204	1.07204	0.00445569	0.390004	-2.56408		0.873784	0.968007	-1.03305	0.0987771	1.44806	1.44806	0.213305	0.764867	-1.30742	0.91415	1.0223	1.0223	4.59313	3.04321	0.588938	1
cg05726109	SEPT5;GPI8B	0.0283956	0.62447	2.62247	2.62247	0.0562139	1.55403	1.55403	0.0775955	1.66703	1.66703	0.0407318	1.24218	1.24218	0.0774102	2.09437	2.09437		0.0161106	2.29065	2.29065	0.0108295	0.707916	-1.41297	0.42967	0.7082	2.342	2.342	0.111427	1.90722	1.90722	4.62834	3.01443	1.15929	1
cg16296431	SEPT6;MIR766;SEPT6;SEPT6;SEPT6	6.65E-05	0.46035	1.1572	1.1572	0.0001883O1	0.294176	-3.39933	0.005198	0.488502	-2.04707	0.844886	1.03878	1.03878	1.18E-06		0.0868918	-11.5086		0.0568668	0.657947	-1.51988	0.184744	1.31422	1.31422	0.453237	0.862071	-1.16	1.13863	0.733689	-1.36298	24.6883	14.7535	0.531191	1
cg20486690	SEPT6;MIR766;SEPT6;SEPT6;SEPT6	0.0163591	0.0732801	0.334653	-2.98817	0.31036	0.562532	-1.77968	0.117762	0.394157	-2.53706	0.588172	0.74109	-1.34936	0.00249622	0.0999406	-10.0059		0.481733	1.4798	1.4798	0.00109173	0.0713162	-14.0221	0.402454	0.625243	-1.59938	0.2140218	0.488195	-2.04835	0.03365	29.9467	4.22873	1
cg17385225	SEPT6;SEPT6	0.0260851	0.861464	1.03769	1.03769	0.0491313	1.70238	1.70238	0.0014286	2.49045	2.49045	0.23733	1.38633	1.38633	0.612244	1.370356	-2.67426	0.0507292	1.19258	1.19258	0.0002744	0.510427	-1.95963	0.0004435	-2.32539	0.0219183	0.277401	-3.40849	0.32539	0.0219183	0.277401	-3.40849	0.32539	0.06186	1
cg08113631	SEPT6;SEPT6;SEPT6	0.00609609	0.247624	1.29984	1.29984	0.349356	1.23245	1.23245	0.00958255	0.490855	-2.03726	0.0360068	0.589105	-1.69749	0.000143844	0.241451	-4.14162		0.00369046	2.34284	2.34284	0.00180131	2.61988	2.61988	0.0324726	0.580939	-1.72135	0.594194	1.12374	1.12374	13.5238	10.0812	0.662616	1
cg07449205	SEPT6;SEPT6;SEPT6	0.00469105	0.39183	0.682715	-1.46474	0.0863884	0.486601	-2.05598	0.0555474	0.318349	-3.14083	0.0227023	0.66764	-1.49802	0.0886996	0.754024	-1.32543		0.249614	0.592458	-1.68788	0.0060983	0.661153	-1.51209	0.0731954	0.843209	-1.18569	0.0273191	0.714394	1.14394	1.14394	3.90905	2.64617	1.25665	1
cg00911962	SEPT6;SEPT6;SEPT6	0.00506649	0.0980646	1.47994	1.47994	0.0137713	0.51803	-1.93039	0.000882948	0.340781	-2.93444	0.00150195	0.157225	1.15725	0.0123216	0.155684	2.79585		0.177831	0.739965	-1.35147	0.0303307	0.807611	-1.23822	0.538617	1.14394	1.14394	0.1409705	0.756836	1.14394	1.14394	3.40095	0.656836	1
cg07859138	SEPT6;SEPT6;SEPT6	0.00656346	0.00506994	0.294582	-3.39464	0.114453	1.76176	1.76176	0.111207	0.564204	-1.77241	0.00844694	0.329796	-3.03217	0.0033554	0.268092	-3.73006		0.662245	0.500395	-1.99842	0.00305032	0.262209	-3.81375	0.0596994	0.496123	-2.01563	0.0518868	0.482072	-2.07438	0.74899	11.63	1.53176	1
cg16967668	SEPT6;SEPT6;SEPT6	0.00659343	0.0169343	0.37161	-2.69096	0.0420004	0.295607	-3.38354	0.0064854	0.822322	-2.09001	0.0035398	0.822322	-2.09001	0.0035398	0.822322	-2.09001		0.0766288	0.512073	-1.95285	0.0053344	0.422203	-4.71246	0.946016	1.023204	1.023204	0.1318261	0.973275	-1.73275	5.16539	1.61305	0.62931	1
cg00685225	SEPT6;SEPT6;SEPT6	0.0463205	0.255972	0.611423	-1.63553	0.0171482	2.99642	-1.33732	0.0959217	0.4683	-2.13538	0.260502	0.614564	-1.62717	0.00535652	0.218458	4.57755		0.714568	1.6462	1.6462	0.504728	0.640369	-2.47715	0.642484	1.2139	1.2139	0.0549829	0.405431	-2.46651	3.48748	9.50711	2.42317	1
cg16284178	SEPT7;SEPT7	0.0160144	0.4722547	2.62247	2.62247	0.0562139	1.55403	1.55403	0.0775955	1.66703	1.66703	0.0407318	1.24218	1.24218	0.0774102	2.09437	2.09437		0.1316447	2.7964	2.7964	0.0504728	0.640369	-2.47715	0.642484	1.2139	1.2139	0.0549829	0.405431	-2.46651	3.48748	9.50711	2.42317	1
cg18185536	SEPT7;SEPT7	0.0372951	0.716456	0.946282	-1.05677	0.595253	0.922044	-1.08455	0.942834	1.01091	1.01091	0.121606	1.28923	1.28923	0.134375	0.783205	1.27681		0.856393	1.0278	1.0278	0.00201126	0.516993	-1.93426	0.826959	1.0337	1.0337	0.0666918	1.36511	1.36511	1.7789	1.37142	0.322591	1
cg18325799	8-Sep	0.0473593	0.0080385	0.464003	-2.15516	0.3609955	1.2366	1.2366	0.425087	0.831774	-1.20225	0.173663	1.38727	1.38727	0.161897	0.68033	-1.4699		0.0319023	0.563323	-1.76578	0.151643	0.70654	-1.41535	0.3225	1.25998	1.25998	0.1726327	0.722448	-1.38412	0.45847	2.80091	0.719884	1
cg13334727	SEPT8;SEPT8;SEPT8	0.00119405	0.0755535	0.6407	0.6407	0.0159313	3.70238	3.70238	0.00149286	3.09099	3.09099	0.00314624	1.99475	1.99475	0.0110302	2.670923	2.670923		0.0078187	2.0386	2.0386	0.0185343	1.744444	-1.36157	0.0199567	1.46605	1.46605	0.0025967	2.3878	2.3878	11.1877	7.70823	0.0124439	1
cg11865870	SEPT8;SEPT8;SEPT8	0.00732763	0.00534296	0.225328	-4.43798	0.025145	0.339061	-2.94933	0.0148458	0.296104	-3.37719	0.0803837	2.19823	2.19823	0.0071247	3.247364	3.10233		0.00700126	0.242613	-4.1218	0.0803311	0.454835	-2.1986	0.233277	1.6612	1.6612	0.2699988	0.6272127	-1.59435	5.6213	17.034	2.32184	1
cg25212993	SEPT8;SEPT8;SEPT8	0.189885	0.0724201	0.344553	-2.90139	0.0859789	0.79331	1.79831	0.0059626	0.56533	-1.76851	0.0306526	0.56533	-1.76851	0.0306526	0.56533	-1.76851		0.0745434	0.542968	-1.84143	0.0214761	0.787987	-1.26906	0.0156263	1.5805	1.5805	0.1783787	0.561633	-1.78057	6.1633	9.3851	1.49307	1
cg01444808	SEPT8;SEPT8;SEPT8	0.00951989	0.00458221	0.571189	-1.75073	0.342501	0.864925	-1.15617	0.141037	0.790651	-1.26478	0.36061	1.14964	1.14964	0.00529377	0.448958	2.22738		0.413623	1.13203	1.13203	0.040825	0.704716	-1.41901	0.734501	1.05181	1.05181	0.39781	1.879451	-1.13707	0.04019	0.209358	0.309943	1
cg09527731	SEPT8;SEPT8;SEPT8	0.01224453	0.716161	1.05545	1.05545	0.0767779	1.33761	1.33761	0.363517	0.871084	-1.148	0.600167	0.92481	-1.0813	0.014963	0.642642	-1.55608		0.00056686	0.454146	-2.20193	0.968268	0.994138	-1.0059	0.424302	0.88639	-1.12817	0.0494528	0.717963	-1.39283	5.537	1.91549	0.307505	1
cg01442249	SEPT8;SEPT8;SEPT8	0.01438621	0.5947539	1.14934	1.14934	0.2025035	1.39575	1.39575	0.0653102	0.80285	-1.24566	0.212182	1.36183	1.36183	0.0190129	0.740722	-1.35009		0.0745434	1.28727	1.28727	0.0550144	1.15273	-1.15273	0.0065851	0.8496	0.8496	0.0641478	1.03115	0.8496	0.8496	2.85284	2.52263	0.357383	1
cg19518672	SEPT8;SEPT8;SEPT8	0.0149244	0.57764	1.16111	1.16111	0.00152328	0.49482	-2.02018	0.0427282	0.747206	-2.24706	0.589377	1.15569	1.15569	0.407684	0.822941	2.21515		0.0320349	1.94843	1.94843	0.353212	0.710318	-1.28517	0.441789	1.23156	1.23156	0.0280304	1.99205	1.99205	1.58937	3.79567	0.992744	1
cg08354281	SEPT8;SEPT8;SEPT8	0.0387958	?	?	?	0.0152172	0.115457	-2.00705	?	?	?	?	?	?	?	?	?		0.6330691	1.37078	1.37078	0.0859359	0.729667	1.37078	0.0018706	0.655486	-1.58424	0.1177997	1.16336	1.16336	1.16336	0.0005382	0.00382	1
cg26142262	SEPT8;SEPT8;SEPT8	0.0251188	0.259783	0.606723	-1.6482	0.992026	1.00419	1.00419	0.373258	1.47147	1.47147	0.0905792	0.445307	-2.24564	0.00157161	0.1116	-8.96058		0.7677961	1.1321	1.1321	0.7041666	2.37985	2.37985	?	?	?	0.754317	0.876719	-1.14062	1.58853	13.1301	1.7621	1
cg15994782	SEPT8;SEPT8;SEPT8	0.0194601	0.751341	1.26705	1.26705	0.1183	1.38393	1.38393	0.0781956	1.78306	1.78306	0.831076	0.880396	-1.13624	0.242981	0.648935	-1.54129		0.0009778764	0.053297	-18.7626	0.0001354	0.331843	-3.01295	0.0076374	0.537356	-1.86062	0.0041124	0.513724	1.86062	1.86062	4.14324	2.53673	0.60348	1
cg18090331	SEPT8;SEPT8;SEPT8;SEPT8;SEPT8;SEPT8	0.0380814	0.19665	0.674548	-1.48247	0.00861203	0.7084	1.7084	0.00485261	0.631966	-1.58261	0.0966	0.631966	-1.58261	0.0966	0.631966	-1.58261		0.629236	1.14943	1.14943	0.304521	0.736618	-1.35756	0.764006	0.918167	1.08913	0.206013	1.46901	1.46901	4.10142	5.19919	0.985954	1
cg25470731	SEPT8;SEPT8;SEPT8;SEPT8;SEPT8;SEPT8	0.0290251	0.0766635	0.660683	-1.51358	0.0278327	0.578568	-1.7284	0.0387216	0.604183	-1.65513	0.0816057	0.666138	-1.50119	0.00435176	0.448458	-2.22986		0.0228874	0.563818	-1.77362	0.750929	1.06933	1.06933	0.51652	1.14849	1.14849	0.0760927	1.660034	-1.51507	4.13497	2.90153	0.623738	1
cg26072759	9-Sep	0.00025316	0.1567289	0.5944	-1.68237	0.104059	0.543105	-1.84126	0.7167O1	0.882341	-1.13335	0.687148	0.868769	-1.15105	0.233438	0.651083	-1.5359		2.71E-06	0.0207787	-48.1263	0.0028905	0.243155	-4.11261	0.340062	1.40177	1.40177	0.892163	1.04769	1.04769	17.2308	32.1978	1.661	1
cg25830805	9-Sep	0.00025808O5	0.5895O2	0.758453	-1.65858	0.212742	1.1653	1.1653	0.233555	0.822344	-1.21463	0.292719	0.8805Z1	-1.13568	0.0811857	0.525277	1.31427		0.0314117	0.69137	-1.4464	5.61E-06	0.302984	-3.30051	0.000913776	0.563691	-1.77404	0.0528268	0.772643	-1.29426	17.1404	3.68864	0.19129	1
cg05729480	9-Sep	0.00670553	0.695291	1.43844	1.43844	0.0414561	1.51387	1.51387	0.0024455E	0.484706	-2.06311	0.119642	0.748098	-1.33672	0.000650575	0.410918	-2.43357		0.0684297	1.41994	1.41994	0.0123879	0.585637	-1.70754	0.00158758	0.4588	-2.1796	0.0079374	0.731504	-1.36705	9.00431	4.21251	0.514852	1
cg10857221	9-Sep	0.0044494	0.00170022	0.407955	-2.45125	0.1128	0.707977	-1.41248	0.00115328	0.384619	-2.59998	0.00313293	0.44921	-2.22611	0.00143069	0.397468	-2.51592		0.44667	0.856256	-1.16787	0.0397324	0.621427	-1.6092	0.486842	0.868186	-1.15183	0.0765268	0.674224	-1.48319	7.60376	4.82058	0.563532	1
cg11448193	9-Sep	0.0125415	0.124113	0.6407	0.6407	0.0159313	3.70238	3.70238	0.00149286	3.09099	3.09099	0.00314624	1.99475	1.99475	0.0110302	2.670923	2.670923		0.6475301	1.42754	1.42754	0.0008318	1.744813	-2.88434	0.68538	0.879303	1.13726	0.2241795	0.577571	-1.73139	7.27167	3.09416	0.429877	1
cg08340467	9-Sep	0.0372181	0.1097S3	3.31971	3.31971	0.0159888	7.61288	7.61288	0.0292914	5.85404	5.85404	0.148553	2.90491	2.90491	0.073205	3.95512	3.95512		0.0729607	3.9608	3.9608	0.00935886	9.66018	9.66018	0.0158028	7.65209	7.65209	0.0316939	5.65914	5.65914	3.78509	28.3932	6.66784	1
cg18853199	9-Sep	0.0059444	0.445932	4.45592	4.45592	0.0021838	20.6156	20.6156	0.132388	3.13693	3.13693	0.127909	3.18605	3.18605	0.0190448	2.65419	2.65419		0.0045042	4.4402	4.4402	0.0225057	0.533217	-1.87557	0.0108097	3.00887	3.00887	0.0774561	3.98211	3.98211	3.58581	28.1181	6.97799	1
cg02975107	9-Sep	0.0471081	0.553668	1.27527	1.27527	0.0279203	2.86996	2.86996	0.0440289	0.55787	-2.5577	0.0858921	0.227899	0.227899	0.113208	0.196113	0.496558	2.01386		0.617625	1.22663	1.22663	0.791462	0.898208	-1.11355	0.0336935	2.73653	2.73653	0.0231863	3.00891	3.00891	3.46541	9.04073	2.31807	1
cg21579666	SEPT9;SEPT9	0.00025129O1	5.88E-05	0.217114	-4.60587	0.0473027	1.5936	1.5936	0.202158	0.758427	-1.31852	0.0171376	0.550716	-1.81582	1.94E-05	0.16864	-5.92978		0.694761	1.08434	1.08434	0.228151	1.29658	1.29658	0.656378	0.912154	-1.09631	0.3918554	0.835164	-1.19737	17.2284	11.5039	0.593533	1
cg08034797	SEPT9;SEPT9	0.0153364	0.5789O6	1.32076	1.32076	0.0981973	1.98417	1.98417	0.0508	0.504427	-1.98217	0.0283837	0.727708	-1.37408	0.0104175	0.355559	-2.81299		0.0780576	1.51623	1.51623	0.0377111	0.6596103	0.2420953	-1.64206	0.0226073	0.429043	-2.33077	0.0537474	0.747226	2.15984	5.63136	1.63147	1
cg20688185	SEPT9;SEPT9	0.0326332	0.017739	0.484008	-2.06608	0.471525	1.2024	1.2024	0.0133338	0.462294	-2.16313	0.197253	0.709603	-1.40924	0.0105787	0.445195	-2.24621		0.0936955	0.628811	-1.5903	0.0295255	0.524679	-1.90593	0.0779988	0.610805	-1.63718	0.0601963	0.586557	-1.70487	0.96593	3.97836	0.891675	1
cg21639728	SEPT9;SEPT9	0.0093396	0.0770447	0.6407	0.6407	0.0159313	3.70238	3.70238	0.00149286	3.09099	3.09099	0.00314624	1.99475	1.99475	0.0110302	2.670923	2.670923		0.1116	1.30406	1.30406	0.0009318	1.744813	-2.88434	0.68538	0.879303	1.13726	0.2241795	0.577571	-1.73139	7.27167	3.09416	0.429877	1
cg06181064	SEPT9;SEPT9;SEPT9	0.00191869	0.00621462	0.35239	-2.83777	0.0334693	0.483627	-2.06771	0.0493043	0.518902	-1.92715	0.0705191	0.553782	-1.80577	7.83E-05	0.123816	8.07652		0.474863	0.808579	-1.23674	0.669955	1.13355	1.13355	0.00275228	2.298815	-3.34655	0.00493263	0.336619	-2.97072	0.7591	13.2113	1.20351	1
cg23015970	SEPT9;SEPT9;SEPT9	0.00214377	0.00772799	0.65291	-1.53158	0.0224735	1.70384	1.70384	0.134664	0.817959	-1.22256	0.415654	0.901538	-1.10922	0.00889519	0.538376	-1.85744		0.0844137	0.788346	-1.26848	0.0307473	1.37181	1.37181	0.0558872	0.763498	-1.30976	0.216526	1.17588	1.17588	4.85846	2.32271	0.218513	1
cg10575940	SEPT9;SEPT9;SEPT9	0.00346279	0.522115	0.718141	0.718141	0.2778515	0.860376	-1.16228	0.13137	0.919885	-1.08816	0.289855	0.863822	-1.15765	0.4662	0.782219	-1.27878

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1477 vs. N)	Ratio(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg04169610	SERINC2	0.0363994	0.784075	1.13191	1.13391	1.313607	0.624916	-1.60022	0.394254	0.674601	-1.44236	0.0880338	0.427749	-2.33782	0.30105758	0.112529	-4.88661	0.0270301	0.308896	-3.25843	0.263478	0.59105	1.69189	0.857152	0.932197	-1.08463	0.851752	1.08806	1.81251	12.2873	2.86478	1
cg12480176	SERINC1	0.00108286	0.00149031	0.282723	-3.53705	0.103603	0.612083	-1.63377	0.00340091	0.333534	-2.9982	0.0108336	0.413746	-2.41694	0.00154261	0.167248	5.97913	0.00108032	0.264217	-3.78477	0.0178845	0.293399	-3.40832	0.518017	1.19809	1.09910448	0.607369	-1.64645	11.5035	13.8567	1.07072	1
cg09016814	SERINC1	0.01093632	0.00255752	0.694284	-1.44033	0.3101441	1.155541	1.155541	0.512714	0.912724	-1.09562	0.7306	0.953568	-1.04869	0.01579426	0.665785	-1.50199	0.54887	1.08701	1.08701	0.000831966	1.99772	1.99772	0.455919	1.1101	1.1101	0.886017	1.01993	1.01993	5.73871	1.71968	0.266367	1
cg01864699	SERINC2	0.02524453	0.106252	0.319536	-3.12953	0.07838229	0.282355	-3.54541	0.7557	0.817213	-1.22367	0.836602	1.1429	1.1429	0.01802269	0.155969	-6.41226	0.07408895	0.276002	-3.62307	0.00164665	0.054239	-18.4369	0.907911	1.07771	1.07771	0.023975	2.1752	-5.70775	4.34246	28.7685	5.88884	1
cg11449564	SERINC1/PKIB	0.00388564	0.256733	0.785183	-1.27359	0.071138	1.50958	1.50958	0.466253	1.16355	1.65755	0.0977903	0.645166	-1.54999	0.00116433	0.256195	-3.97307	0.266099	1.26711	1.26711	0.684935	1.08385	0.0459647	0.626695	-1.59567	0.146039	0.727594	-1.37439	7.91527	5.2323	0.58759	1
cg20882852	SERINC1/PKIB	0.00760659	0.0957801	1.26991	1.26991	1.80757	0.968693	-1.03232	0.786663	0.965257	-1.03599	0.00138186	0.83007	1.83007	0.0209665	1.43627	1.43627	0.00501938	1.62173	1.62173	0.209721	0.8417121	-1.18805	0.546465	1.0828	1.0828	0.04385221	1.739099	-1.353	6.44544	1.7344	0.239191	1
cg17245576	SERINC1/PKIB	0.01573111	0.34279	0.793355	-1.26047	0.186647	1.39313	1.39313	0.0140307	2.05105	2.05105	0.0183171	0.507587	-1.9701	0.06231571	0.608435	-1.64356	0.0312743	0.549653	-1.81933	0.04455446	1.72689	1.72689	0.108093	0.660195	-1.5147	0.968349	0.990646	-1.00944	0.09664	4.53067	0.789715	1
cg20185868	SERINC1/PKIB;SERINC1	0.0091902	0.1363	1.16974	1.16974	0.0464558	1.24913	1.24913	0.0377739	1.26531	1.26531	0.166317	1.15507	1.15507	0.00520515	1.43357	1.43357	0.182196	0.870842	-1.14831	0.0318952	0.799348	-1.35254	0.741585	0.960165	-1.03285	0.0109175	1.39625	1.39625	6.03048	0.911182	0.134008	1
cg17296818	SERINC2	0.00068175	0.00392448	0.335196	-2.98331	0.03004537	0.391086	-2.55699	0.3990016	1.18185	1.18185	0.03169583	1.12756	1.12756	7.52E-05	2.048956	-4.01677	0.209912	0.77438	-1.29135	0.00483126	0.48513	-2.0613	0.00823662	0.515981	-1.92315	0.282329	0.805588	1.24133	13.1076	7.77322	0.52714	1
cg22809315	SERINC2	0.00264504	0.00232467	0.314638	-3.17826	0.317276	0.754958	-1.32458	0.0749008	0.583119	-1.71491	0.0084149	0.400487	-2.49696	0.00031291	0.204122	-4.89904	0.563071	0.853021	-1.1723	0.000515322	0.229103	-4.36485	0.332997	0.762211	-1.31197	0.627659	0.875555	-1.14213	8.88317	10.4014	1.04081	1
cg05171336	SERINC2	0.00564491	0.537256	-1.86077	0.0289552	0.157997	-1.72423	0.000919765	0.233683	-4.32876	0.549881	0.7954	1.25752	1.25752	0.01488285	0.477127	-2.42853	0.650896	1.14431	1.14431	0.00772411	0.363254	-2.75289	0.379357	0.794883	1.26	0.171732	-1.40502	1.03834	7.04848	1.23277	1
cg18939081	SERINC2	0.00923092	0.469317	-2.13075	0.689092	0.91139	-1.09723	0.00293178	0.389355	-2.56701	0.201086	0.732343	-1.36548	0.00554498	0.431395	-2.31806	0.612975	1.12488	1.12488	1.12488	0.441985	0.8345441	-1.19826	0.0314307	0.795189	-1.25756	0.933325	0.980881	-1.01949	4.4048	3.71318	0.749321	1
cg17086398	SERINC2	0.02277693	0.03188221	0.443464	-2.25905	0.6042212	1.96318	1.96318	0.0909183	0.546834	-1.82857	0.219925	0.658343	-1.51896	0.04036971	0.464022	-2.15484	0.444846	0.713746	-1.40106	0.099562	0.457696	-2.18486	0.0813895	0.742181	-1.30797	0.939298	0.967562	-1.03352	3.515556	10.4374	2.63905	1
cg25938569	SERINC2	0.04565387	0.961864	0.990284	-1.00981	0.466463	1.16338	1.16338	0.252171	0.783281	-1.27668	0.370723	0.828867	-1.20647	0.0714322	0.662913	-1.50849	0.0561397	1.55538	1.55538	0.0152904	0.544379	-1.83876	0.0306281	0.564723	-1.77078	0.135662	0.720083	-1.38873	1.506538	2.31569	0.587041	1
cg26349504	SERINC3	0.00175503	0.0578423	0.904849	-1.10572	0.00650758	0.460732	-2.17046	0.8314025	1.05407	1.05407	0.4047115	1.20541	1.20541	0.0163961	1.9018	1.9018	0.834843	1.04681	1.04681	0.0364181	1.743923	1.49233	0.0501126	0.612952	-1.63145	0.74306	0.907016	0.674213	1.9351	1.63	0.607918	1
cg05932936	SERINC3;SERINC1	0.00180604	0.00422842	0.50691	-1.97274	0.9033015	1.02179	1.02179	0.000501544	2.62599	2.62599	0.0101022	0.562266	-1.77852	0.233601	0.801277	-1.24801	0.00277313	0.480961	-2.07917	0.466403	0.876787	-1.14053	0.0511478	0.674343	-1.48293	0.327705	1.19631	1.19631	9.93213	4.95085	0.443083	1
cg13208594	SERINC3;SERINC3	0.00627895	0.0343034	0.536386	-1.85975	0.265546	0.741615	-1.34841	0.191516	0.697736	-1.43293	0.00778933	0.41386	-2.41628	0.0762996	0.66404	-1.50604	0.0561398	1.55538	1.55538	0.0152904	0.544379	-1.83873	0.0306281	0.564723	-1.77078	0.135662	0.720083	-1.38873	1.506538	2.31569	0.587041	1
cg02730322	SERINC1/SERINC3	0.0250512	0.00975556	0.77304	1.29373	0.3809548	0.85684	-1.16708	0.5995066	0.9113448	1.09728	0.0293562	0.56782	1.56782	0.0325967	1.54908	1.54908	0.2904454	1.21156	1.21156	0.2323486	0.8030404	-1.24532	0.1527695	0.54008	1.85126	0.0091846	1.78706	1.78706	4.35413	2.1732	0.432247	1
cg11991866	SERINC4;C15orf63	8.54E-05	7	7	7	0.000309315	0.458474	-2.18115	3.42E-05	5.0942	5.0942	0.000150432	2.69905	2.69905	7	7	7	0.00488857	1.35712	1.35712	7	7	7	7	7	7	7	711.445	7.8302	0.00825453	1
cg00384545	SERINC4;C15orf63	0.00610737	0.0083752	0.372516	-2.68445	0.0042483	0.543618	-1.83956	0.422002	0.789105	-1.2669	0.194288	0.681766	-1.51552	0.122975	0.612706	-1.6321	0.00012261	0.140176	-7.13367	0.5008	0.81847	-1.22179	0.82822	0.938285	-1.06577	0.466345	1.24272	-1.24272	0.00125	9.30264	1.30978	1
cg02394812	SERINC4;C15orf63	0.00874302	0.0191583	0.1029	1.03229	0.0137364	3.08798	3.08798	0.00985131	3.34415	3.34415	0.003102	4.47044	4.47044	0.231731	1.6049	1.6049	0.868952	1.06302	1.06302	0.708373	0.2907973	-3.43883	0.214007	1.62288	1.62288	0.0758873	2.07737	-1.62288	0.167636	13.3815	1.92821	1
cg24125648	SERINC4;C15orf63	0.00992449	0.00339952	0.421991	-2.37014	0.0339359	0.447388	-2.23455	0.1552858	0.6822288	0.6822288	0.1455	0.8605666	1.1355	0.2615504	0.7460319	-1.34026	0.1373981	0.5275382	1.89566	0.0179303	0.4603301	-2.17249	0.0273717	0.398016	-2.51246	0.1179669	0.706665	-1.41502	1.53496	4.65169	0.906421	1
cg14372175	SERINC4;C15orf63	0.0349102	0.112941	-7.93537	-1.35955	0.255984	1.23504	1.23504	0.107484	1.36718	1.36718	0.0899725	0.716975	-1.39475	0.00228564	0.467995	2.13678	0.271278	0.815546	-1.22617	0.673185	1.07845	1.07845	0.776371	1.05201	1.05201	0.729023	1.06387	1.06387	3.87073	1.943	0.446199	1
cg21480605	SERINC4;C15orf63;C15orf63	0.00058796	0.262584	1.29067	1.29067	0.0137255	1.54582	1.94582	0.001064	2.87731	2.87731	0.00772595	2.11175	2.11175	0.00178035	0.376989	-2.6526	0.186907	0.736679	-1.35744	0.050972	0.61382	-1.62914	0.00056079	0.310798	-3.21753	0.134347	1.42286	1.42286	5.6493	10.3156	0.671804	1
cg05477220	SERINC4;SERF2	0.00338092	0.00542352	0.329132	-3.03844	0.0252823	0.19328	-5.17402	0.0002709	0.2177752	0.2177752	0.0001	0.2177752	0.2177752	0.0001	0.2177752	0.2177752	0.795073	1.08713	1.08713	0.0001	0.1053809	0.1053809	-9.49582	0.182853	0.601503	-1.6625	0.158828	0.5819	1.67852	1.82067	1.0262	1
cg16590515	SERINC5	0.00138957	0.0717893	0.840791	-1.18936	0.6895002	0.965947	-1.03525	7.15E-05	1.86696	1.86696	0.126925	0.867258	-1.15306	0.947911	0.994379	-1.00565	0.0829733	0.847379	-1.18011	0.48341	0.940405	-1.06337	0.994078	0.99936	-1.00064	0.00190717	1.46133	1.46133	10.7125	1.26269	0.104774	1
cg17543190	SERINC5	0.00184305	0.0144808	0.337573	-2.96234	0.0402658	0.751147	-1.33151	0.3097153	1.68343	1.4632	0.0230217	1.2372529	1.2372529	0.0656504	1.962	1.962	0.0078794	1.12589	1.12589	0.0001	0.0001	0.0001	-9.54923	-1.05379	0.0101484	-2.12913	0.987905	0.98565	20.3555	1.83823	0.187282	1
cg29434013	SERINC5	0.00521335	0.1890559	1.21774	1.21774	0.276339	1.44587	1.44587	0.0480447	1.37708	1.37708	0.0778202	1.62226	1.62226	0.0555732	1.49567	1.49567	0.1206074	1.7022	1.7022	0.2707	0.2707	0.2707	-1.73943	0.259633	0.18116	1.18116	0.328895	1.15335	1.15335	7.24547	2.30042	0.282221	1
cg10531355	SERINC5	0.00784084	0.9586677	0.985749	-1.01446	0.8898463	1.6786	1.6786	0.00319126	3.05064	3.05064	0.001622166	3.49512	3.49512	0.121166	0.627794	-1.59288	0.021143	2.1554	2.1554	0.1608152	1.51431	1.51431	0.00829573	2.54696	2.54696	0.333024	1.31867	1.31867	6.38436	7.75955	1.08035	1
cg10609043	SERINC5	0.008214	0.1483134	1.27109	1.27109	0.1566351	1.473191	1.473191	0.0038031964	2.74879	2.74879	0.0014	3.34433	3.34433	0.0012	0.298908	-3.34623	0.644005	2.88084	2.88084	0.0012	0.4100019	-2.43891	0.383547	0.783725	-1.27596	0.08083	1.589767	-1.69558	6.42062	0.7142	0.104729	1
cg14978242	SERINC5	0.00967896	0.0287439	0.178499	-2.64201	0.110024	0.9272	0.9272	0.327998	1.46269	1.46269	0.388604	1.39486	1.39486	0.0018034	0.162473	6.15487	0.945684	1.02599	1.02599	0.898483	0.953064	-1.04925	0.0299963	2.61564	2.61564	0.053501	1.437805	-2.28412	9.27255	13.4184	1.99706	1
cg13632070	SERINC5	0.00700515	7	7	7	0.0373247	1.24044	1.24044	0.0339359	0.448388	0.448388	0.142255	0.5512288	0.8060666	0.1355	0.2615504	0.7460319	0.1373981	0.5275382	1.89566	0.0179303	0.4603301	-2.17249	0.0273717	0.398016	-2.51246	0.1179669	0.706665	-1.41502	1.53496	4.65169	0.906421	1
cg22422937	SERINC5	0.0424639	0.287576	0.749519	-1.33419	0.0070255	0.402503	-2.48445	0.012269	0.442842	-2.25814	0.0966046	0.621063	-1.61014	0.0142469	0.454104	2.20214	0.168622	0.681785	-1.46674	0.819153	0.941953	-1.06162	0.129879	0.652313	-1.53301	0.0434659	0.545346	-1.8337	3.602651	3.89049	0.959919	1
cg00224404	SERINC5	0.0462632	0.176222	0.750747	-1.36884	0.0133446	1.95283	1.95283	0.80377	1.05586	1.05586	0.0671636	1.56513	1.56513	0.805369	1.05538	1.05538	0.0146648	1.92719	1.92719	0.191326	0.739288	-1.35265	0.159161	1.38894	1.38894	0.22306	1.32253	1.32253	3.4891	2.63451	0.671172	1
cg11351127	SERINC5	0.0483338	0.0117324	0.3144	-3.18054	0.0525823	0.743102	-1.34547	0.0199559	0.682566	-1.46519	0.0909722	0.7834244	1.2760319	0.0127	0.3975794	-2.51527	0.2276789	-1.16854	0.1640418	0.817126	-1.2238	0.1138	0.791123	-1.26403	0.2138101	0.838435	-1.1927	3.143196	1.50931	0.260379	1
cg17176911	SERPI	0.0492685	0.105334	0.602317	-1.66026	0.0346943	0.493901	-2.0247	0.87393	0.955526	-1.04654	0.393531	1.28455	1.28455	0.145883	0.639344	-1.5641	0.160108	0.650517	-1.53724	0.120007	0.616781	-1.62132	0.922458	0.972491	-1.02829	0.00275027	0.306116	-3.26673	3.40715	4.42946	1.1556	1
cg01440078	SERPI;EIF2A	0.0410732	0.746371	1.09265	1.09265	0.6291291	1.52192	1.52192	0.379343	0.8027773	1.56977	0.0328614	0.938389	1.2265	0.0328614	0.938389	1.2265	0.468822	1.08232	1.08232	0.1656	0.757622	0.757622	1.32016	0.0203	0.0455694	0.61382	-1.58897	11.5316	2.5965	0.572121	1
cg23816928	SERPI;EIF2A	0.00558618	0.4489189	1.26425	-1.17768	0.0504261	1.69242	1.69242	0.102419	1.45137	1.45137	0.0251355	0.371502	-2.69178	0.0297251	0.541837	-1.84557	0.00168742	1.34608	1.34608	2.88344	0.592441	0.880426	-1.13599	0.642102	0.895436	-1.11677	0.0758707	1.59418	0.7936	0.25553	0.783872	1
cg01377119	SERPI;EIF2A	0.0491306	0.72498	0.95468	-1.04725	0.480776	1.09821	1.09821	0.723506	1.04752	1.04752	0.12922	1.23897	1.23897	0.123153	1.24397	1.24397	0.1258865	0.805344	-1.24171	0.747429	0.958646	-1.04314	0.0314699	0.661379	-1.51199	0.0259323	1.41282	1.41282	3.41077	0.922922	0.240525	1
cg01446075	SERPI;EIF2B	0.00080649	0.5459281	1.09227	-1.09227	0.0254709	1.61543	1.61543	0.0422032	1.78905	1.78905	0.1810321	1.78382	1.78382	0.16204	0.560777	-1.78361	0.0229342	1.36574	1.36574	0.0561	0.7325	0.7325	1.36502	0.0103	0.0045694	0.53132	-1.88207	10.5316	2.1253	0.201761	1
cg27302985	SERPI1;SERF1	0.0156148	0.670998	1.13412	1.13412	0.134703	1.61637	1.61637	0.0161259	0.486655	-2.44705	0.825168	0.936940	-1.06729	0.0973024	0.581442	-1.71986	0.0006446	0.19106	-5.23397	0.612602	0.860305	-1.16238	0.937831	1.02322	1.02322	0.226212	0.686055	-1.45761	5.736334	7.70313	1.04445	1
cg09917803	SERPI	0.00042833	0.0047763	0.2307	-4.33333	0.0004397	0.1769	-5.65312	0.0001	0.1769	0.1769	0.0001	0.1769	0.1769	0.0001	0.1769	0.1769	0.0429114	0.662703	-1.50865	0.208359	0.2090199	-1.01092	0.00308822	0.480239	-2.04399	0.0015014	0.593786	-1.68441	0.40438	0.40438	0.1302	1
cg19758848	SERPI2	0.00540539	0.041481	0.700178	-1.42821	0.747275	0.952167	-1.05024	0.00178226	0.509561	-1.96247	0.022266	1.51488	1.51488	0.132227	0.781692	-1.27928	0.465515	1.11918	1.11918	0.0143868	0.632947	-1.57991	0.00966766	1.64276	1.64276	0.574601	0.917618	-1.08978	7.16561	2.60824	0.32355	1
cg14579772	SERPI2	0.00566312	0.0010747	0.455895	-2.19394	0.0266202	0.493738	-2.02537	0.0437556	0.837989	-1.1744	0.365068	0.859553	-1.16352	0.0297671	0.622437	-1.60683	0.183642	0.795015	-1.25764	0.0630966	0.3989661	-1.50572	0.0104484	0.594353	-1.68245	0.0059115	1.101886	0.76582	2.95844	0.972381	1
cg01154353	SERPI2	0.014542	0.0330205	0.467373	-2.13962	0.118806	0.596559	-1.67628	0.0356616	0.674256	-1.48356	0.1816752	0.7078774	1.4128997	0.0229237	0.44557	-2.24457	0.0447321	0.495082	-2.01987	0.0695482	0.4851	-2.06129	0.0248026	0.804808	1.24302	0.0433188	2.206059	5.23402	7.71691	1.31056	1
cg01226614	SERPI2	0.0253182	0.185063	1.4162	1.4162	0.350191	0.768147	-1.2688	0.00377376	2.63185	2.63185	0.00822266	2.30937	2.30937	0.243727	1.35252	1.35252	0.881088	1.03775	1.03775	0.133134	1.49678	1.49678	0.404295	0.809556	-1.23524	0.0236154	1.9525	1.9525	4.3381	4.21123	0.862894	1
cg08207447	SERPI2	0.0065042	0.0045956	0.568	-1.76056	0.0172186	0.956568	0.0085719	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	2.34431	2.34431	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg16021126	SERPI2	0.0306097	0.026759	2.23355	2.23355	0.403371	0.769598	-1.29938	0.0102163	2.69591	2.69591	0.0057256	0.32068	0.32068	0.0309624	1.76872	1.76872	0.275213	1.41575	1.41575	0.143853	1.61758	1.61758	0.411104	1.29358	1.29358	0.0237461	2.28566	2.28566	0.07577	0.02779	1.32046	1
cg22627138	SERPI2	0.0404635	0.185357	1.31203	1.31203	0.0749428	1.32853	1.32853	0.7043851	0.96063	-1.03132	0.746727	0.954126	-1.04809	0.0974426	0.710656	-1.40753	0.0204293	0.384855	-2.59838	0.0206487	0.3487496	-2.87146	0.00328511	0.404041	-2.475	0.0673636	0.628936	-1.58999	13.4005	10.8623	0.720524	1
cg12087695	SERPINA10;SERPINA10	0.00038976	0.00091542	0.452843	-2.20827	0.23E-05	0.307386	-3.25324	0.351675	0.857932	-1.16559	0.00915573	0.589105	-1.69749	0.654729	1.07461	1.07461	0.196568	0.803895	-1.24394	0.4656576	1.12605	1.12605	0.0242706	0.650951	-1.53621	0.000569694	0.430242	3.26353	5.00524	0.359805	1
cg12143424	SERPINA10;SERPINA10	0.00068393	0.138307	1.25107	1.25107	0.0209786	0.743102	-1.34561	0.312374	0.833551	-1.20014	0.425124	0.66838	1.4959446	0.0155511	0.2638414	-3.79045	0.0665144	1.83071	1.83071	0.0001	0.0001	0.0001	-9.64656	-1.08466	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg27153655	SERPINA10;SERPINA10	0.00265879	0.00752607	0.243048	-4.11441	0.00287892	0.185278	-5.39731	0.00300427	0.187599	-5.33051	0.0387771	0.373757	-2.67554	0.0155865	0.295316	-3.38621	0.0176059	0.30489	-3.27987	0.000840738	0.126738	-7.89026	0.00128034	0.144971	-6.89792	0.00515493	0.218896	-4.56838	8.86959	23.7605	2.38122	1
cg21246601	SERPINA10;SERPINA10	0.0214102	0.6432416	1.84718	-1.18243	0.110495	0.546213	-1.83079	0.0012413	0.193787	-5.16031	0.241743	0.653075	-1.53122	0.00775562	0.283879	-3.52363	0.695955	0.872356	-1.14632	0.795143	1.09469	1.09469	0.0249126	0.490853	-2.45789	0.182372	0.61134	-1.63575	4.56454	8.80185	1.70212	1
cg19937039	SERPINA10;SERPINA10	0.046248	0.13916	1.581539	-1.71958	0.095209	1.00205	1.00205	0.00753888	0.31009	-3.22487	0.0471944	0.461454	-2.16706	0.0087849	0.320954	3.11571	0.19579	6.62757	1.59345	0.235446	0.9581504	-2.55191	0.0551624	0.814556	-1.22766	0.222157	6.640008	1.57497	3.48953	2.40965	1.63273	1
cg05788638	SERPINA10;SERPINA10;SERPINA10	0.00231502	0.315296	1.21702	1.21702	0.0112534	1.82327	1.82327	0.000208999	0.309291	-3.2332	0.229563	1.26931	1.26931	0.186305	1.30347	1.30347	0.127195	1.36617	1.36617	0.00287421	2.17194	2.17194	0.818823	1.04436	1.04436	0.964688	1.00841	1.00841	2.93835	5.2352	0.503717	1
cg23390762	SERPINA11	0.08470703	0.0840753	1.515301	1.515301	0.0926204	0.490738	-2.02537	0.0437556	0.839789	-1.13744	0.365068	0.859553	-1.16352	0.0297671	0.622437	-1.60683	0.160012	1.36574	1.36574	0.0561	0.7325	0.7325	1.36502	0.0103	0.0045694	0.53132	-1.88207	0.0008128	0.709515	1.15586	0.7582	2.95844	0.972381	1
cg00461867	SERPINA11	0.0298481	0.0806935	0.414007	-2.41542	0.217949	0.574231	-1.80401	0.00423728	0.175022	-5.71355	0.240025	0.571173	-1.75078	0.271117	0.593576	-1.68471	0.173208	0.516963	-1.93437	0.115925	0.4593691	-2.1769	0.00163852	0.128339	-7.79189	0.210331	0.548291	-1.82385	0.4942	13.4391	2.91776	1
cg25599521	SERPINA12	0.00261453	0.1522769	1.15924	1.15924	0.343759	1.24918	1.24918	0.729938	0.929989	-1.08226	0.0732398	1.57731	1.57731	0.0263018	1.82418	1.82418	0.5708079	1.13958	1.13958	0.0018034	0.36329	-2.75262	0.591561	0.8837763	-1.13153	0.934688	1.070	-1.01887	4.28871	3.53573	0.732638	1
cg05485062	SERPINA12;SERPINA12	0.00042582	0.0014244	0.490425	-2.03905	0.0131835	1.60712	1.60712	0.134628	0.779540	-1.28279	0.00013628	0.358638	-2.78833	0.0224632	0.655657	-1.52519	0.031611	1.47563	1.47563	0.0675304	0.728894	-1.37194	0.000605682	0.442123	-2.26181	0.00368117	0.545457	-1.83332	14.9424	5.64092	0.335565	1
cg22013966	SERPINA13	0.00100322	0.01771145	0.664071	-1.50586	0.000162107	2.49366	2.49366	0.056228	0.736192	-1.35834	0.00935843	0.626412	-1.59639	0.344688	0.870974	-1.14814	0.693468	1.05784	1.05784	0.00139548	0.518302	-1.92938	0.7136551	1.0537	1.0537	0.0328741	0.701717	-1.42508	11.7558	3.7507	0.283601	1
cg17291001	SERPINA13	0.0482339	0.0884866	1.640971	1.64097	0.330452	0.767465	-1.30299	0.02714552	0.901955	-1.09222	0.470043	1.21262	1.21262	0.471261	1.21305	1.21305	0.0232167	2.04438	2.04438	0.0228014	2.0505	2.0505	0.189296	1.44263	1.44263	0.326282	0.765095	1.30617	3.74472	4.19344	0.977813	1
cg18245268	SERPINA13 INA1;SERPINA

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20471736	SERPINB13	0.0285237	0.0410148	0.134854	-7.41544	0.00326407	0.0331267	-30.1871	0.0601903	0.16511	-6.05657	0.255895	0.365053	-2.73933	0.0201305	0.0923837	-10.8244
cg06538870	SERPINB13	0.0469323	0.0848219	0.370537	-2.69879	0.619774	1.29765	1.29765	0.907731	1.06226	1.06226	0.697775	1.22542	1.22542	0.00923547	0.178843	-5.59149
cg07871472	SERPINB2;SERPINB2	0.00729529	0.023341	0.653754	-1.52963	0.0248594	0.657825	-1.52016	0.000549097	0.430964	-2.32038	0.236335	0.823156	-1.21484	0.452243	0.886826	-1.12762
cg24691255	SERPINB2;SERPINB2	0.00930765	0.078326	0.666314	-1.50079	0.156344	1.36995	1.36995	0.0043643	0.45362	-2.20449	0.103208	0.690724	-1.44776	0.0676123	0.65374	-1.52966
cg20875821	SERPINB2;SERPINB2	0.0242579	0.750193	0.897066	-1.11475	0.98987	0.995692	-1.00433	0.441088	0.765558	-1.30624	0.00343735	0.258874	-3.86288	0.00223681	0.233233	-4.28755
cg15772361	SERPINB3	0.000204519	0.000111409	0.421323	-2.37348	0.0849121	0.784792	-1.27422	0.0278444	0.718465	-1.39186	0.552105	0.926338	-1.07952	0.604957	1.06863	1.06863
cg03404572	SERPINB3	0.00116276	0.000483152	0.226436	-4.41626	0.509645	0.834003	-1.19904	0.00285292	0.328182	-3.04709	0.00194922	0.304539	-3.28365	0.333197	0.762704	-1.31112
cg26456274	SERPINB3	0.022654	0.240734	0.464387	-2.15338	0.38417	1.74589	1.74589	0.822675	0.869201	-1.15048	0.895194	1.08579	1.08579	0.00393859	0.0887013	-11.2738
cg27484456	SERPINB3	0.0275502	0.00572348	0.438327	-2.2814	0.0560499	0.610975	-1.63673	0.0291888	0.55706	-1.79514	0.516868	0.861035	-1.16139	0.00511444	0.430771	-2.32142
cg24546942	SERPINB4	0.000223174	9.05E-05	0.267883	-3.73298	0.0096188	1.85293	1.85293	0.522871	0.885276	-1.12959	0.0965349	0.709392	-1.40966	0.645847	0.91661	-1.09098
cg03294557	SERPINB4	0.0124414	0.00408919	0.254615	-3.92751	0.166148	0.591984	-1.68924	0.0125591	0.332137	-3.0108	0.475463	0.772857	-1.2939	0.00552729	0.273981	-3.64988
cg06682185	SERPINB5	0.000201454	0.654093	1.11012	1.11012	0.00190834	2.76872	2.76872	0.0323366	0.559653	-1.78682	0.000796989	0.309391	-3.23216	0.00044169	0.276612	-3.61518
cg12199031	SERPINB5	0.000503422	0.086808	0.703801	-1.42086	0.00980776	0.54534	-1.83372	0.0798491	0.696993	-1.43473	0.00972958	0.54481	-1.8355	9.49E-06	0.169771	-5.89029
cg07331725	SERPINB5	0.000559466	0.226682	0.869455	-1.15015	0.0584658	1.26568	1.26568	9.32E-05	0.46385	-2.15587	0.155116	0.845629	-1.18255	0.0670745	0.797562	-1.25382
cg00226904	SERPINB5	0.000898784	0.571834	1.16094	1.16094	0.0019249	0.317643	-3.14819	0.00737374	0.405784	-2.46437	0.687977	0.899916	-1.11121	7.09E-05	0.150648	-6.63798
cg23824713	SERPINB5	0.00109744	0.212323	0.746658	-1.3393	0.0302663	0.567516	-1.76207	0.00201243	0.379414	-2.63564	0.281166	1.28287	1.28287	0.000221569	0.254652	-3.92693
cg25653759	SERPINB5	0.0047981	0.0556656	1.46463	1.46463	0.970532	0.99352	-1.00652	0.0527279	1.47334	1.47334	0.67574	0.928643	-1.07684	0.301329	0.828233	-1.20739
cg20947866	SERPINB5	0.00611815	0.920465	1.02584	1.02584	0.000573927	0.256274	-3.90207	0.00971091	0.433635	-2.30609	0.874909	1.04106	1.04106	0.148398	1.48579	1.48579
cg15422147	SERPINB5	0.00867618	0.405728	0.820919	-1.21815	0.146336	1.4358	1.4358	0.00130047	0.337374	-2.96407	0.154853	0.702435	-1.42362	0.240978	0.752198	-1.32944
cg21833158	SERPINB5	0.0134773	0.0666195	0.621805	-1.60822	0.00328186	0.396309	-2.52328	0.060024	0.612558	-1.6325	0.145988	0.69728	-1.43415	0.212553	1.35433	1.35433
cg26753302	SERPINB5	0.015572	0.0413602	0.32935	-3.03628	0.854448	0.916969	-1.09055	0.0117645	0.226442	-4.41614	0.0381243	0.321572	-3.10973	0.00415327	0.163064	-6.13257
cg06689039	SERPINB5	0.0271565	0.0601593	0.537475	-1.86055	0.374779	0.765846	-1.30575	0.246759	0.701396	-1.42573	0.203588	0.675046	-1.48138	0.00112606	0.245628	-4.0712
cg19043778	SERPINB5	0.0339537	0.419252	0.868486	-1.15143	0.00294352	0.497745	-2.00906	0.00504889	0.530723	-1.88422	0.602418	0.914119	-1.09395	0.0818606	0.71934	-1.39016
cg03285468	SERPINB5	0.0476541	0.501375	0.736794	-1.35723	0.0569249	0.381221	-2.62315	0.419892	0.691508	-1.44612	0.704536	0.843219	-1.18593	0.502948	0.737647	-1.35566
cg08411049	SERPINB5;SERPINB5	4.70E-05	0.0659815	1.29288	1.29288	3.91E-06	3.81232	3.81232	0.216662	0.850533	-1.17573	5.04E-05	0.388078	-2.5768	0.00427576	1.60956	1.60956
cg15628409	SERPINB6	0.000438645	0.0576068	1.33227	1.33227	0.513431	1.09259	1.09259	0.0108824	0.652347	-1.53293	0.00313281	0.582916	-1.71551	1.88E-05	0.31245	-3.20051
cg05082466	SERPINB6	0.000970981	0.872765	0.9393	-1.06462	0.00424544	4.46045	4.46045	0.0406624	2.51792	2.51792	0.000202984	11.4076	11.4076	0.00280309	4.99815	4.99815
cg00101728	SERPINB6	0.00329291	0.48375	0.763372	-1.30998	0.0804311	2.08696	2.08696	0.28749	1.52044	1.52044	0.00189528	5.3125	5.3125	0.035515	2.53101	2.53101
cg01266060	SERPINB6	0.0078102	0.0519055	1.7299	1.7299	0.207942	1.38956	1.38956	0.119168	1.5205	1.5205	0.348928	1.2699	1.2699	0.737325	0.919975	-1.08699
cg25991879	SERPINB6	0.0106536	0.0413172	0.656339	-1.5236	0.0410916	1.52453	1.52453	0.0553896	0.678066	-1.47478	0.614123	1.09523	1.09523	0.00329587	0.488565	-2.04681
cg06408522	SERPINB6	0.0389729	0.68452	0.946604	-1.05641	0.918063	1.01392	1.01392	0.970479	0.995041	-1.00498	0.563363	0.92452	-1.08164	0.945631	1.0092	1.0092
cg19042435	SERPINB6	0.0477961	0.897086	0.946567	-1.05645	0.00680067	4.42892	4.42892	0.0198998	3.29585	3.29585	0.107143	2.10924	2.10924	0.694932	0.845986	-1.18205
cg10164686	SERPINB6;SERPINB6	0.00362995	0.150852	0.87866	-1.1381	0.216351	1.11551	1.11551	0.0137339	0.774148	-1.29174	0.212839	0.895619	-1.11655	0.498946	0.94396	-1.05937
cg00442924	SERPINB7	0.00118583	0.000165349	0.0478547	-20.8966	0.547881	1.33367	1.33367	0.204838	0.530753	-1.88411	0.427014	1.46817	1.46817	0.000192513	0.0511506	-19.5501
cg14426174	SERPINB7	0.00157066	0.000573997	0.146765	-6.8136	0.0104749	0.31353	-3.18949	0.0002868	0.118678	-8.42613	0.00402572	0.248848	-4.01852	0.278873	0.66677	-1.49977
cg26646554	SERPINB7;SERPINB7	6.64E-07	1.86E-07	0.131241	-7.61959	0.407605	0.897854	-1.11377	2.44E-06	0.233486	-4.28291	0.0123487	0.67284	-1.48624	5.65E-08	0.0939222	-10.6471
cg01568736	SERPINB7;SERPINB7	0.000662457	0.000152679	0.352779	-2.83464	0.328951	1.17545	1.17545	0.000517511	0.419393	-2.3844	0.275988	0.833757	-1.19939	0.00663605	0.568204	-1.75993
cg24349668	SERPINB7;SERPINB7	0.00135085	0.443125	1.12713	1.12713	0.0001144	0.35485	-2.81809	0.00127161	0.487015	-2.05333	0.798503	1.03993	1.03993	0.00749431	1.69351	1.69351
cg17251713	SERPINB7;SERPINB7	0.00181044	8.33E-05	0.19257	-5.19292	0.905089	1.02813	1.02813	0.00991345	0.468744	-2.13336	0.127601	0.681703	-1.46691	0.878555	1.0362	1.0362
cg26877588	SERPINB7;SERPINB7	0.00201819	0.000176854	0.0985485	-10.1473	0.937416	0.971781	-1.02904	0.0506731	0.444107	-2.25171	0.533311	1.25859	1.25859	0.000762672	0.155818	-6.41776
cg21354912	SERPINB7;SERPINB7	0.00533502	0.00340432	0.287325	-3.48038	0.0367391	0.467566	-2.13874	0.00307157	0.280869	-3.56037	0.0677996	0.526804	-1.89824	0.00569202	0.321046	-3.11482
cg21266547	SERPINB8;SERPINB8	0.000671182	0.661679	0.923064	-1.08335	0.00513655	1.95816	1.95816	0.00160378	0.439193	-2.2769	0.380837	1.17754	1.17754	8.40E-05	0.276323	-3.61895
cg21503619	SERPINB8;SERPINB8;SERPINB8	0.00784538	0.0908799	0.834158	-1.19881	0.860113	0.982973	-1.01732	0.44672	1.07843	1.07843	0.811437	1.02354	1.02354	0.0919034	0.83473	-1.19799
cg11296767	SERPINB9	8.65E-05	4.18E-05	0.159601	-6.26562	0.296266	1.2902	1.2902	0.00190789	0.355414	-2.81362	0.178869	0.714638	-1.39931	4.21E-06	0.0818235	-12.2214
cg15838413	SERPINB9	0.00388152	0.00269335	0.488127	-2.04865	0.718651	1.06457	1.06457	0.000432589	0.381883	-2.61861	0.074183	0.708851	-1.41073	0.053935	0.684946	-1.45997
cg05175540	SERPINB9	0.0055436	0.127911	0.728666	-1.37237	0.600708	0.903424	-1.1069	0.360188	0.834504	-1.19832	0.00115375	0.399151	-2.50532	0.000186187	0.297175	-3.36502
cg22376758	SERPINB9	0.00863363	0.0413042	2.2795	2.2795	0.0368405	2.33694	2.33694	0.334766	0.705936	-1.41656	0.0227895	2.59593	2.59593	0.00634382	0.288244	-3.46928
cg07844977	SERPINB9	0.0301368	0.0509838	7.04047	7.04047	0.0375983	8.31252	8.31252	0.0582229	6.54872	6.54872	0.170273	3.60477	3.60477	0.02119	11.3897	11.3897
cg22336806	SERPINB9	0.0353372	0.0310922	8.56889	8.56889	0.0318	8.46737	8.46737	0.0673867	5.69676	5.69676	0.104129	4.51915	4.51915	0.025257	9.56861	9.56861
cg18676237	SERPINB9	0.043049	0.0347712	23.3021	23.3021	0.0533522	16.5799	16.5799	0.125004	8.37078	8.37078	0.0896873	10.9545	10.9545	0.0932846	10.6135	10.6135
cg07713293	SERPINB9	0.0481633	0.0658695	1.73957	1.73957	0.0320237	1.96188	1.96188	0.0258565	2.03352	2.03352	0.129362	1.55209	1.55209	0.178931	1.46674	1.46674
cg07182669	SERPINB9;SERPINB9	0.0447547	0.0382951	33.2179	33.2179	0.115166	12.1754	12.1754	0.256891	5.62195	5.62195	0.0764643	17.7376	17.7376	0.0356261	35.4691	35.4691
cg13722431	SERPINB9;SERPINB9	0.0449906	0.0335943	66.1443	66.1443	0.103246	20.2797	20.2797	0.215609	9.03358	9.03358	0.0752816	28.3475	28.3475	0.0310881	71.7695	71.7695
cg02586268	SERPINC1	0.000548461	0.065125	1.48408	1.48408	0.200729	0.772871	-1.29388	0.101555	1.40742	1.40742	0.0326129	0.620797	-1.61083	7.33E-05	0.252845	-3.95499
cg08468375	SERPINC1	0.00741582	0.876588	0.951787	-1.05065	0.554624	0.826934	-1.20929	0.0126103	0.372987	-2.68106	0.248397	0.681366	-1.46764	0.000165833	0.129994	-7.69267
cg02586830	SERPINC1	0.0255642	0.795684	1.04132	1.04132	0.381629	1.1503	1.1503	0.154462	0.788325	-1.26851	0.162813	0.792561	-1.26173	0.774376	0.956142	-1.04587
cg14047008	SERPINC1	0.0305644	0.155821	0.585344	-1.7084	0.267905	0.665629	-1.50234	0.00713868	0.293638	-3.40556	0.145747	0.576456	-1.73474	0.0198664	0.370977	-2.69559
cg02523400	SERPIND1;PI4KA	0.00881405	0.0792113	1.38774	1.38774	0.639608	0.923761	-1.08253	0.359491	0.853486	-1.17167	0.0395308	1.49237	1.49237	0.240667	0.813381	-1.22944
cg06658625	SERPIND1;PI4KA	0.0239547	0.924979	0.979542	-1.02089	0.842788	0.957356	-1.04454	0.474242	1.17318	1.17318	0.786864	0.942254	-1.06128	0.00145005	0.364269	-2.74523
cg09455239	SERPIND1;PI4KA	0.0381324	0.187012	1.18951	1.18951	0.044946	1.33049	1.33049	0.133514	0.81806	-1.2224	0.161974	1.20356	1.20356	0.47802	1.09364	1.09364
cg01975495	SERPINE1;SERPINE1	0.00102788	0.264489	0.776128	-1.28845	0.467242	1.17492	1.17492	0.00508937	0.446271	-2.24079	0.115756	0.688973	-1.45143	0.0358723	1.70234	1.70234
cg20773815	SERPINE1;SERPINE1	0.00587382	0.176339	0.906716	-1.10288	0.153799	0.901203	-1.10963	0.13397	1.11639	1.11639	0.658154	1.0308	1.0308	0.0679483	0.869991	-1.14944
cg02704552	SERPINE1;SERPINE1	0.0166174	0.0134598	0.34237	-2.92082	0.0586002	0.473099	-2.11372	0.0172319	0.361843	-2.76363	0.179999	0.607247	-1.64678	0.00144839	0.199438	-5.01408
cg16617872	SERPINE1;SERPINE1	0.0408612	0.0238044	0.123784	-8.07857	0.0201645	0.114158	-8.75981	0.0399114	0.158919	-6.29252	0.0752658	0.215691	-4.63627	0.0189069	0.110613	-9.04056
cg02039815	SERPINE2;SERPINE2;SERPINE2	0.0106201	0.226515	0.657922	-1.51994	0.00498601	3.40537	3.40537	0.112956	1.76616	1.76616	0.0346766	2.25216	2.25216	0.291455	0.697041	-1.43464
cg19715111	SERPINE2;SERPINE2;SERPINE2	0.0238103	0.0254545	0.492205	-2.03168	0.0292523	1.98307	1.98307	0.836291	1.05522	1.05522	0.0934057	1.62644	1.62644	0.976895	0.992507	-1.00755
cg08529333	SERPINE2;SERPINE2;SERPINE2	0.0256545	0.0314208	0.309691	-3.22903	0.0141392	4.08093	4.08093	0.400117	0.670305	-1.49186	0.250175	1.74734	1.74734	0.34223	0.634779	-1.57535
cg08434186	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.00020771	0.014157	1.31222	1.31222	2.74E-05	0.476007	-2.10081	0.000171076	0.56363	-1.77421	0.323695	1.09581	1.09581	0.00681196	1.36981	1.36981
cg18737136	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.00258564	0.0238859	0.699038	-1.43054	0.00916025	1.55212	1.55212	0.176187	1.21048	1.21048	0.00962842	1.5454	1.5454	0.278687	1.16139	1.16139
cg18681853	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.00259194	0.375107	1.16898	1.16898	0.000397468	2.62996	2.62996	0.543586	1.11121	1.11121	0.0291574	1.55408	1.55408	0.583773	1.09955	1.09955
cg26081062	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.00294915	0.00379	0.313524	-3.18955	0.00256874	0.288931	-3.46103	0.080427	0.562209	-1.7787	0.809063	0.930632	-1.07454	0.000164368	0.14837	-6.73991
cg18945642	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.00623925	0.111734	1.9428	1.9428	0.813463	1.09487	1.09487	0.031715	2.62609	2.62609	0.817223	1.09282	1.09282	0.079732	0.474449	-2.10771
cg06862545	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.00892366	0.119563	0.819095	-1.22086	0.00500037	1.55095	1.55095	0.865356	1.02025	1.02025	0.812572	0.972326	-1.02846	0.00228571	0.604172	-1.65516
cg20793341	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.0149321	0.0227943	0.36142	-2.76686	0.00238749	0.205742	-4.86046	0.160631	0.57136	-1.75021	0.705455	0.867777	-1.15237	0.0155894	0.330349	-3.0271
cg23627022	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.0262367	0.0904987	1.24659	1.24659	0.0033069	1.60452	1.60452	0.0781436	1.26022	1.26022	0.349934	0.892527	-1.12041	0.328756	1.1265	1.1265
cg26051540	SERPINE2;SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.00467859	0.00751747	0.653754	-1.52963	0.256386	1.15762	1.15762	0.854835	1.02289	1.02289	0.503863	0.919609	-1.08742	0.000343285	2.03827	2.03827
cg00170931	SERPINE3	0.000246826	4.43E-05	0.343436	-2.91175	0.00664734	1.62651	1.62651	0.00972633	0.636571	-1.57092	0.00657283	1.62821	1.62821	0.119855	0.792108	-1.26245
cg05453378	SERPINE3	0.00540784	0.00168463	0.171849	-5.81908	0.792111	0.901557	-1.10919	0.509853	0.769295	-1.29989	0.657031	1.19162	1.19162	0.00188096	0.177441	-5.63567
cg00944638	SERPINE3	0.00552578	0.704235	0.938128	-1.06595	0.747299	0.947301	-1.05563	0.00129345	0.456086	-2.19257	0.0815768	1.38162	1.38162	0.00642805	0.552336	-1.81049
cg25189873	SERPINE3	0.014527	0.00801362	0.550812	-1.8155	0.829963	0.962957	-1.03847	0.0115113	0.574218	-1.7415	0.745291	0.944394	-1.05888	0.00398665	0.506949	-1.97258
cg11083457	SERPINE3	0.0181055	0.0830136	0.704054	-1.42035	0.0672193	1.45498	1.45498	0.36643	1.18488	1.18488	0.00163829	0.438454	-2.28074	0.407032	0.856361	-1.16773
cg03469077	SERPINE3	0.0459955	0.292295	0.711188	-1.4061	0.930443	1.02761	1.02761	0.846192	0.94122	-1.06245	0.360037	1.34116	1.34116	0.00236791	0.266495	-3.75242
cg08547211	SERPINF1	0.0163321	0.107009	0.571757	-1.749	0.36436	0.74367	-1.34468	0.733394	0.897064	-1.11475	0.14243	1.65033	1.65033	0.0127418	0.374056	-2.6734
cg10516117	SERPINF2;SERPINF2;SERPINF2	0.00334016	0.00290442	0.415584	-2.40625	0.0125753	0.513868	-1.94603	0.0163073	0.532564	-1.87771	0.0018667	0.388004	-2.57729	0.0286556	0.574762	-1.73985
cg18278729	SERPINF2;SERPINF2;SERPINF2	0.0149984	0.0126804	2.78444	2.78444	0.164898	1.63184	1.63184	0.0456906	2.13247	2.13247	0.0579281	2.03108	2.03108	0.0861637	0.534346	-1.87145
cg13027184	SERPINF2;SERPINF2;SERPINF2	0.0307132	0.127507	1.85069	1.85069	0.00240846	4.85	4.85	0.349695	1.43273	1.43273	0.669647	1.17387	1.17387	0.110583	0.522327	-1.91451
cg21458932	SERPINF2;SERPINF2;SERPINF2	0.0369773	0.157554	1.74311	1.74311	0.00319566	4.39297	4.39297	0.0272468	2.6136	2.6136	0.109951	1.89765	1.89765	0.360368	0.707694	-1.41304
cg07352834	SERPING1	0.00176982	0.00222561	0.417768	-2.39367	0.875322	1.03251	1.03251	0.0444296	0.624825	-1.60045	0.00954659	0.512357	-1.95177	4.50E-05	0.207434	-4.8208
cg14311630	SERPING1	0.0208601	0.0209278	2.0987	2.0987	0.258351	1.36977	1.36977	0.221607	0.709822	-1.4088	0.621895	1.14181	1.14181	0.0652423	1.73701	1.73701
cg02520020	SERPING1;SERPING1	0.00129808	0.0652608	0.745209	-1.34191	0.0572292	0.736611	-1.35757	0.781363	1.04033	1.04033	0.515989	0.910655	-1.09811	0.154779	0.805408	-1.24161
cg15918732	SERPING1;SERPING1	0.00244831	0.0393803	0.725108	-1.3791	0.0256405	1.4298	1.4298	0.066337	1.32014	1.32014	0.350622	1.13833	1.13833	0.0245538	0.696842	-1.43505
cg10030791	SERPING1;SERPING1	0.00295958	0.360659	0.868954	-1.15081	0.00779742	1.66624	1.66624	0.00165668	1.95982	1.95982	0.523692	1.10141	1.10141	0.015553	0.641789	-1.55814
cg15617545	SERPING1;SERPING1	0.0052935	0.0313814	0.678908	-1.47295	0.114736	1.30097	1.30097	0.524992	0.905915	-1.10386	0.276506	0.840614	-1.18961	0.000521494	0.436138	-2.29285
cg09061733	SERPING1;SERPING1	0.00738975	0.982084	1.00574	1.00574	0.672979	1.11437	1.11437	0.00989974	2.29627	2.29627	0.04785	1.78089	1.78089	0.0580105	0.57891	-1.72738
cg14691871	SERPING1;SERPING1	0.0102411	0.898936	1.02716	1.02716	0.174767	1.35586	1.35586	0.0215897	0.558811	-1.78952	0.445475	0.848704	-1.17827	0.00436796	0.447966	-2.23231
cg12783776	SERPING1;SERPING1	0.0296088	0.650394	1.19432	1.19432	0.202253	0.592147	-1.68877	0.195251	0.586743	-1.70432	0.965584	0.983348	-1.01693	0.337296	1.46964	1.46964
cg06485787	SERPING1;SERPING1;SERPING1	0.0131734	0.00291947	0.66288	-1.50857	0.917707	0.989662	-1.01045	0.0336075	1.28345	1.28345	0.00370147	0.674114	-1.48343	0.716133	1.0374	1.0374
cg21899310	SERPING1;SERPING1;SERPING1	0.0170953	0.503871	1.10304	1.10304	0.65363	1.06749	1.06749	0.708925	1.05572	1.05572	0.448	1.1183	1.1183	0.467297	1.11287	1.11287
cg00369658	SERPING1;SERPING1;SERPING1	0.0394564	0.704081	0.925237	-1.0808	0.486241	1.15496	1.15496	0.911346	1.02294	1.02294	0.0305714	1.67771	1.67771	0.364633	0.827212	-1.20888
cg00250805	SERPINH1	0.000270773	0.00210629	0.528815	-1.89102	0.00013767	0.378639	-2.64104	0.0112243	0.626215	-1.5969	0.466854	0.896656	-1.11525	0.705715	1.05748	1.05748
cg26104986	SERPINH1	0.00404771	0.0281592	2.09187	2.09187	0.077269	1.74931	1.74931	0.047089	1.90969	1.90969	0.250661	1.4074	1.4074	0.078935	1.74269	1.74269
cg14140874	SERPINH1	0.0216225	0.235473	0.665774	-1.50201	0.00278789	0.259578	-3.8524	0.136563	0.591695	-1.69006	0.57707	0.831662	-1.20241	0.108124	0.563528	-1.77453
cg21726037	SERPINH1;SERPINH1	0.0482073	0.016119	0.386984	-2.58409	0.0920601	1.81841	1.81841	0.0125944	2.71932	2.71932	0.692334	1.13682	1.13682	0.295361	1.41894	1.41894
cg23200873	SERPINI2	0.00821139	0.107553	0.701036	-1.42646	0.000698266	0.35142	-2.8456	0.697869	0.924138	-1.08209	0.44919	1.16879	1.16879	0.0147214	0.544892	-1.83523
cg11375831	SERPINI2	0.027158	0.283854	0.757422	-1.32027	0.562466	1.15734	1.15734	0.0036032	0.374029	-2.67359	0.1041	0.641836	-1.55803	0.0057737	0.40553	-2.46591
cg15554338	SERPINI2	0.028309	0.856958	1.03066	1.03066	0.0127524	0.595733	-1.6786	0.13338	0.762613	-1.31128	0.163497	1.28264	1.28264	0.00648874	0.553077	-1.80807
cg25060020	SERTAD1	0.0156747	0.810043	0.967761	-1.03331	0.068051	1.3206	1.3206	0.12432	1.25416	1.25416	0.00257419	0.566245	-1.76602	0.055456	0.744229	-1.34367
cg13542022	SERTAD1	0.0159211	0.0238115	1.44202	1.44202	0.336768	1.14385	1.14385	0.841162	1.0276	1.0276	0.0489815	0.737099	-1.35667	0.238388	0.84571	-1.18244
cg10184289	SERTAD2	0.00104655	0.00827015	0.376437	-2.65649	0.00376291	3.10011	3.10011	0.0915025	0.584127	-1.71196	0.602934	0.859127	-1.16397	0.0031909	0.311954	-3.2056
cg15742737	SERTAD2	0.00351249	0.629932	0.924905	-1.08119	0.000748936	2.27599	2.27599	0.190355	1.24981	1.24981	0.354427	0.857966	-1.16555	0.094807	0.744372	-1.34341
cg11920737	SERTAD2	0.00602512	0.109884	2.02879	2.02879	0.0111584	0.274935	-3.63723	0.0242873	2.97417	2.97417	0.0119828	0.280138	-3.56967	0.187094	0.566868	-1.76408
cg05783449	SERTAD2	0.0101393	0.00992422	0.530638	-1.88453	0.112079	1.40018	1.40018	0.686323	1.08219	1.08219	0.667395	0.919333	-1.08775	0.0928895	0.697895	-1.43288
cg00063909	SERTAD2	0.0186663	0.00990567	0.346626	-2.88495	0.205255	0.647542	-1.5443	0.28834	0.698776	-1.43107	0.295162	0.702563	-1.42336	0.0133884	0.369346	-2.70748
cg16741128	SERTAD2	0.0228927	0.00765878	0.573723	-1.743	0.0079911	0.576347	-1.73507	0.116294	0.758326	-1.31869	0.0202716	0.635292	-1.57408	0.815035	0.962728	-1.03872
cg14899960	SERTAD3	0.00336851	0.574887	0.783639	-1.2761	0.874411	0.934211	-1.07042	0.00679325	0.221109	-4.52266	0.988694	0.993922	-1.00611	0.00121363	0.130305	-7.67428
cg21616542	SERTAD3	0.00359796	0.705869	1.04843	1.04843	0.0930897	1.25918	1.25918	0.249067	0.860463	-1.16217	0.175076	1.19711	1.19711	0.122654	1.23203	1.23203
cg03577733	SERTAD3	0.0042216	0.701817	0.957033	-1.0449	0.00651706	0.667906	-1.49722	0.00607484	0.664315	-1.50531	0.142246	0.835184	-1.19734	0.000262479	0.504167	-1.98347
cg14997559	SERTAD3	0.015017	0.0618875	1.25787	1.25787	0.00725308	1.4593	1.4593	0.00442734	1.51348	1.51348	0.054576	1.26864	1.26864	0.635348	1.05351	1.05351
cg01881255	SERTAD3	0.0153373	0.783127	0.858627	-1.16465	0.365123	0.5969	-1.67532	0.897413	0.931241	-1.07384	?	?	?	?	?	?
cg18675381	SERTAD3	0.0491775	0.256585	1.2104	1.2104	0.199034	1.24462	1.24462	0.814539	1.03862	1.03862	0.733736	1.0566	1.0566	0.988464	1.00233	1.00233
cg26994859	SERTAD3;SERTAD3	0.00489575	0.00343694	0.516121	-1.93753	0.673594	1.07306	1.07306	0.0521946	0.692428	-1.44419	0.652373	0.927307	-1.07839	0.000469657	0.400569	-2.49645
cg21900416	SERTAD3;SERTAD3	0.00666378	0.0309853	0.694816	-1.43923	0.0165525	1.52327	1.52327	0.855266	1.0266	1.0266	0.00190787	1.88163	1.88163	0.124845	1.2698	1.2698
cg27190206	SERTAD3;SERTAD3	0.0127734	0.80499	0.927485	-1.07818	0.189129	1.52705	1.52705	0.0200034	2.34969	2.34969	0.951225	0.981557	-1.01879	0.859061	1.05558	1.05558
cg13323615	SERTAD3;SERTAD3	0.0132061	0.00432992	0.316745	-3.15712	0.0818899	0.559213	-1.78823	0.0291462	0.460677	-2.17072	0.240681	0.69051	-1.4482	0.00243047	0.280151	-3.5695
cg17970032	SERTAD3;SERTAD3	0.0449235	0.901731	1.06123	1.06123	0.120497	0.444757	-2.24842	0.74593	0.855206	-1.16931	0.127829	2.20794	2.20794	0.0399988	0.319181	-3.13302
cg00936911	SERTAD4	0.00086519	0.00572069	0.196886	-5.07907	0.847173	1.0904	1.0904	0.106063	0.453056	-2.20723	0.000656437	0.0961552	-10.3999	3.10E-05	0.0260686	-38.3604
cg07593582	SERTAD4	0.0437675	0.128844	0.426176	-2.34645	0.0976651	2.57117	2.57117	0.214478	1.97216	1.97216	0.562752	0.7378	-1.35538	0.0567122	0.326007	-3.06742
cg02304930	SERTAD4;C1orf133	0.0284193	0.0111091	0.336516	-2.97163	0.213293	0.638684	-1.56572	0.145593	0.585939	-1.70666	0.0206058	0.385226	-2.59588	0.0150224	0.359658	-2.78042
cg22864433	SERTAD4;C1orf133	0.0315667	0.550534	0.874009	-1.14415	0.183205	1.37008	1.37008	0.0729739	1.5619	1.5619	0.273348	0.775562	-1.28939	0.00580262	0.446787	-2.2382
cg12914954	SESN1	0.000142831	8.61E-05	0.0930713	-10.7444	0.00040356	0.150368	-6.65035	0.000992792	0.192484	-5.19524	0.015902	0.369856	-2.70375	5.45E-05	0.0794659	-12.584
cg00508982	SESN1	0.00140048	0.980375	0.996131	-1.00388	0.00404419	0.544197	-1.83757	0.00228388	0.510547	-1.95868	0.483501	0.893839	-1.11877	0.303895	1.18273	1.18273
cg22457642	SESN1	0.0191248	0.0523545	0.574204	-1.74154	0.74536	1.08538	1.08538	0.287506	1.32004	1.32004	0.308912	0.767384	-1.30313	0.00159862	0.3203	-3.12207
cg00571870	SESN1	0.0298413	0.0746611	0.527883	-1.89436	0.105282	0.565846	-1.76727	0.743509	0.899746	-1.11142	0.0109178	0.357732	-2.79539	0.145825	0.605065	-1.65271

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20471736	0.122862	0.24163	-4.13855	0.00840271	0.0572525	-17.4665	0.142443	0.261935	-3.81775	0.0533086	0.154859	-6.45748	4.16051	47.5697	10.1632	1
cg06538870	0.784505	0.866938	-1.15349	0.0308175	3.74741	3.74741	0.0763784	2.79261	2.79261	0.308141	1.73239	1.73239	3.4703	14.9145	3.82022	1
cg07871472	0.300099	1.18343	1.18343	0.0550009	1.40671	1.40671	0.335011	0.85562	-1.16874	0.0257693	0.660154	-1.5148	6.53032	2.54401	0.346283	1
cg24691255	0.141844	0.720451	-1.38802	0.00130901	0.37859	-2.64138	0.107305	0.694265	-1.44037	0.00773657	0.491556	-2.03436	6.04745	4.12756	0.606693	1
cg20875821	0.876047	1.05452	1.05452	0.831394	1.0752	1.0752	0.871484	0.946431	-1.0566	0.034379	0.432042	-2.31459	4.40306	8.06453	1.62806	1
cg15772361	0.529118	0.922101	-1.08448	0.946005	1.00865	1.00865	0.438563	0.904385	-1.10572	4.57E-06	0.262155	-3.81454	18.2602	4.67911	0.227775	1
cg03404572	0.0326514	0.507413	-1.97078	0.000226561	0.189437	-5.27881	0.917276	0.972199	-1.0286	0.00147885	0.288032	-3.47183	11.2727	13.1482	1.03677	1
cg26456274	0.598715	0.71774	-1.39326	0.00227034	0.0694854	-14.3915	0.199266	0.428679	-2.33275	0.0389317	0.224718	-4.45002	4.50833	27.849	5.49087	1
cg27484456	0.0979399	0.661449	-1.51183	0.0167472	0.514393	-1.94404	0.08991	0.653392	-1.53047	0.150255	0.703918	-1.42062	4.21172	3.45741	0.729691	1
cg24546942	0.00122109	0.410472	-2.43622	0.279362	1.2357	1.2357	0.99978	1.00005	1.00005	2.91E-05	0.213627	-4.68107	17.8324	10.0011	0.498521	1
cg03294557	0.0620161	0.474226	-2.1087	0.00159767	0.200303	-4.99243	0.155359	0.58284	-1.71574	0.306525	0.686685	-1.45627	5.50846	10.9983	1.77478	1
cg06682185	0.000596454	0.29307	-3.41216	0.00114356	3.0273	3.0273	0.10705	1.50303	1.50303	0.0589293	1.63893	1.63893	18.3351	15.5786	0.755252	1
cg12199031	0.252862	1.24832	1.24832	0.261985	1.24263	1.24263	0.743689	0.940885	-1.06283	0.270642	1.2374	1.2374	14.2635	7.79177	0.485576	1
cg07331725	0.044661	0.775656	-1.28923	0.000608449	1.78995	1.78995	0.0843525	1.2342	1.2342	0.0224982	1.35149	1.35149	13.8512	2.6644	0.170986	1
cg00226904	0.625046	1.1373	1.1373	0.000633689	0.253794	-3.94021	0.952446	1.0157	1.0157	0.0169268	0.467228	-2.14028	12.1273	13.1051	0.960552	1
cg23824713	0.427387	0.835095	-1.19747	0.276937	0.777652	-1.28592	0.00106668	2.93142	2.93142	0.429047	1.19666	1.19666	11.4599	8.97639	0.696258	1
cg25653759	0.893235	1.02391	1.02391	0.000122917	0.307544	-3.25157	0.465436	0.877455	-1.13966	0.16721	0.77173	-1.29579	7.43141	3.64512	0.436002	1
cg20947866	0.114175	1.55101	1.55101	0.0319125	1.90061	1.90061	0.973416	1.00855	1.00855	0.210991	1.4002	1.4002	6.89749	7.12659	0.918414	1
cg15422147	0.0151119	0.500289	-1.99884	0.255894	0.759471	-1.31671	0.0837117	0.641442	-1.55899	0.00149775	0.34584	-2.89151	6.18377	5.27048	0.757608	1
cg21833158	0.157692	0.705394	-1.41765	0.0136256	2.02388	2.02388	0.0554179	0.605577	-1.65132	0.897713	1.03016	1.03016	5.36647	4.53588	0.751311	1
cg26753302	0.289261	0.594969	-1.68076	0.00388806	0.159579	-6.26649	0.214452	0.539604	-1.85321	0.0102309	0.216947	-4.60942	5.11688	18.057	3.13681	1
cg06689039	0.00699034	0.360027	-2.77757	0.161181	0.645183	-1.54995	0.306374	0.73336	-1.36359	0.0755359	0.56026	-1.78489	4.23307	5.74934	1.20728	1
cg19043778	0.129613	0.755966	-1.32281	0.407347	1.15582	1.15582	0.364796	0.85291	-1.17246	0.521425	0.894911	-1.11743	3.90976	1.80752	0.410942	1
cg03285468	0.0284799	0.314368	-3.18098	0.00171391	0.134847	-7.41581	0.572875	1.29048	1.29048	0.275652	0.601929	-1.66133	3.45038	10.9486	2.82058	1
cg08411049	0.00153352	1.76434	1.76434	0.133572	1.22325	1.22325	0.106162	1.24575	1.24575	0.32375	1.13532	1.13532	27.0574	6.64563	0.218322	1
cg15628409	0.00411186	0.597923	-1.67246	0.00469368	0.605252	-1.6522	0.566897	1.08041	1.08041	0.230068	0.845141	-1.18323	14.8181	4.18985	0.251336	1
cg05082466	0.970891	0.985844	-1.01436	0.0084721	3.71798	3.71798	0.000142156	12.9833	12.9833	0.415599	1.38418	1.38418	11.8651	28.6873	2.14913	1
cg00101728	0.388572	0.715154	-1.3983	0.00232366	5.02087	5.02087	0.000359105	8.7757	8.7757	0.724643	1.1436	1.1436	8.32413	18.9769	2.02645	1
cg01266060	0.242709	1.35383	1.35383	0.000244911	4.4895	4.4895	0.00282715	2.77024	2.77024	0.115524	1.52797	1.52797	6.39222	6.21582	0.864358	1
cg25991879	0.159757	0.764318	-1.30836	0.0126991	0.574577	-1.74041	0.0755139	1.42475	1.42475	0.331992	0.836052	-1.1961	5.79185	2.93631	0.450642	1
cg06408522	0.309555	1.15173	1.15173	0.000701455	2.002	2.002	0.382852	1.12774	1.12774	0.134561	1.24201	1.24201	3.71853	1.06278	0.254051	1
cg19042435	0.356718	1.49519	1.49519	0.0939962	0.457768	-2.18451	0.835396	1.09231	1.09231	0.475579	0.735015	-1.36052	3.44651	9.82956	2.53514	1
cg10164686	0.00724056	0.747411	-1.33795	0.00193699	0.691767	-1.44557	0.0567289	1.19866	1.19866	0.00575397	1.3554	1.3554	8.08503	0.903984	0.0993864	1
cg00442924	0.0368111	0.317152	-3.15307	0.0187319	0.259525	-3.85319	0.912016	0.949009	-1.05373	0.00466514	0.168415	-5.93773	11.2097	39.8039	3.1563	1
cg14426174	0.0153223	0.342473	-2.91994	0.42866	0.747606	-1.3376	0.943328	0.974731	-1.02592	0.00111427	0.177499	-5.63383	10.3415	21.2259	1.82444	1
cg26646554	4.30E-05	0.372132	-2.68722	0.000642216	0.513579	-1.94712	0.0371072	0.735018	-1.36051	6.93E-06	0.281731	-3.54948	81.3926	20.8566	0.227775	1
cg01568736	0.000331226	0.394673	-2.53374	0.0873042	1.35375	1.35375	0.121098	0.76362	-1.30955	0.0639337	0.71599	-1.39667	13.2133	5.38689	0.362388	1
cg24349668	0.208167	1.22518	1.22518	0.812367	0.964261	-1.03706	0.0988048	0.758053	-1.31917	0.418647	0.881191	-1.13483	10.7997	4.00635	0.329751	1
cg17251713	0.171885	0.713026	-1.40247	0.014095	2.02329	2.02329	0.908383	0.973581	-1.02714	0.00929421	0.464164	-2.15441	9.92512	8.50281	0.761507	1
cg26877588	0.590896	0.820531	-1.21872	0.618653	1.20071	1.20071	0.329788	1.44281	1.44281	0.00494099	0.257433	-3.8845	9.6165	20.2369	1.87057	1
cg21354912	0.00603321	0.325023	-3.0767	0.0142209	0.387702	-2.5793	0.398533	0.76277	-1.31101	0.00161277	0.242541	-4.12301	7.19445	11.184	1.38181	1
cg21266547	0.00625746	0.523237	-1.91118	0.051804	0.668746	-1.49534	0.0581731	1.47588	1.47588	0.41623	0.859791	-1.16307	13.165	6.89194	0.465337	1
cg21503619	0.800776	1.02492	1.02492	0.0181087	1.32239	1.32239	0.748335	0.969147	-1.03184	0.000301506	0.564325	-1.77203	6.3832	0.958217	0.133436	1
cg11296767	0.00219743	0.364166	-2.746	0.344967	0.79545	-1.25715	0.45039	0.834487	-1.19834	0.00115901	0.325402	-3.07312	23.018	20.1786	0.779239	1
cg15838413	0.422888	0.867992	-1.15208	0.10962	1.35211	1.35211	0.00993284	0.569374	-1.75631	0.309522	1.19947	1.19947	7.92392	3.75376	0.421089	1
cg05175540	0.986651	1.00322	1.00322	0.212203	0.776686	-1.28752	0.559417	0.892687	-1.12021	0.963171	0.991159	-1.00892	7.11029	4.16513	0.520702	1
cg22376758	0.0525275	2.16345	2.16345	0.00455941	3.75272	3.75272	0.74771	1.11961	1.11961	0.869913	0.944239	-1.05905	6.19339	12.0206	1.72522	1
cg07844977	0.0543513	6.79918	6.79918	0.00587423	23.6947	23.6947	0.0113294	16.1829	16.1829	0.0356164	8.56205	8.56205	4.08023	49.8113	10.8515	1
cg22336806	0.0622922	5.93834	5.93834	0.0143291	12.9784	12.9784	0.0113202	14.7653	14.7653	0.032482	8.3728	8.3728	3.85373	43.9841	10.1452	1
cg18676237	0.0626194	14.5973	14.5973	0.00670017	89.9934	89.9934	0.0149223	46.072	46.072	0.0424758	19.8721	19.8721	3.58433	92.9345	23.0471	1
cg07713293	0.074571	1.70384	1.70384	0.00441949	2.771	2.771	0.056802	1.78308	1.78308	0.11682	1.57945	1.57945	3.43655	3.91697	1.01315	1
cg07182669	0.0441823	29.1787	29.1787	0.00718979	158.058	158.058	0.0190272	62.9578	62.9578	0.0505674	25.8198	25.8198	3.53275	119.131	29.9751	1
cg13722431	0.0392801	56.1229	56.1229	0.00804053	309.24	309.24	0.0245414	92.1383	92.1383	0.048115	45.3652	45.3652	3.5258	159.25	40.1485	1
cg02586268	0.00942561	1.87272	1.87272	0.0965485	0.706216	-1.416	0.00109495	2.50458	2.50458	0.27892	0.806844	-1.2394	13.928	8.0176	0.511686	1
cg08468375	0.707362	0.887	-1.1274	0.0176148	0.399232	-2.50481	0.862269	0.946284	-1.05677	0.0634311	0.514964	-1.94188	6.49693	10.4029	1.42329	1
cg02586830	0.768176	0.954923	-1.0472	0.000699725	2.24037	2.24037	0.243586	1.20972	1.20972	0.704092	1.06135	1.06135	4.3235	1.66738	0.342804	1
cg14047008	0.00652685	0.2875	-3.47826	0.214693	1.58514	1.58514	0.915806	1.038	1.038	0.366623	0.721	-1.38696	4.05984	7.99807	1.75115	1
cg02523400	0.575979	0.909363	-1.09967	0.0198219	1.60483	1.60483	0.000476177	2.51526	2.51526	0.089896	1.36936	1.36936	6.15297	2.75541	0.398061	1
cg06658625	0.351144	0.810096	-1.23442	0.0236022	1.80982	1.80982	0.0847136	1.51961	1.51961	0.982529	0.995206	-1.00482	4.42229	3.37358	0.678096	1
cg09455239	0.737721	1.04259	1.04259	0.00309205	1.65263	1.65263	0.0283177	1.37883	1.37883	0.296534	1.14374	1.14374	3.74836	0.914059	0.21676	1
cg01975495	0.00192449	2.60326	2.60326	0.000555644	3.21362	3.21362	0.00455603	2.2781	2.2781	0.0423145	0.600717	-1.66468	11.6751	8.7805	0.668507	1
cg20773815	0.00351878	1.30944	1.30944	0.000642244	1.42886	1.42886	0.803714	0.983178	-1.01711	0.243293	1.08673	1.08673	6.98481	0.51339	0.0653342	1
cg02704552	0.02069	0.376829	-2.65373	0.0327153	0.416714	-2.39973	0.0270971	0.399886	-2.50071	0.433918	0.755997	-1.32276	5.00742	9.73273	1.7277	1
cg16617872	0.0775138	0.218784	-4.57073	0.0277572	0.133369	-7.49801	0.0194492	0.112157	-8.9161	0.136685	0.288893	-3.46148	3.65431	34.7134	8.44382	1
cg02039815	0.0896548	1.85318	1.85318	0.194722	0.636189	-1.57186	0.00197671	4.22539	4.22539	0.990273	1.00403	1.00403	5.79772	9.98157	1.53034	1
cg19715111	0.0276535	2.00253	2.00253	0.0789013	0.597456	-1.67376	0.0182662	2.15413	2.15413	0.576678	0.863561	-1.158	4.91237	5.13672	0.813299	1
cg08529333	0.161587	2.00217	2.00217	0.0207872	0.274584	-3.64187	0.107857	2.25883	2.25883	0.301047	0.607947	-1.64488	4.31819	14.7515	3.03656	1
cg08434186	0.128552	1.15887	1.15887	0.0580608	0.825072	-1.21202	0.0614919	0.827719	-1.20814	0.218115	0.890224	-1.12331	18.1836	2.32023	0.113422	1
cg18737136	0.0360353	0.723308	-1.38254	0.0103567	1.53566	1.53566	0.00186277	0.556324	-1.79752	0.652357	0.941541	-1.06209	8.94287	2.49909	0.248401	1
cg18681853	0.818001	0.961238	-1.04033	0.00455737	0.523095	-1.9117	0.00551622	1.86944	1.86944	0.0741648	0.710861	-1.40674	8.93647	4.16342	0.414126	1
cg26081062	0.21218	0.67688	-1.47737	0.323061	0.73851	-1.35408	0.512416	1.21811	1.21811	0.0108252	0.386562	-2.58691	8.60168	12.0147	1.24159	1
cg18945642	0.371826	0.703582	-1.4213	0.28002	1.53815	1.53815	0.000237696	0.0969016	-10.3198	0.440059	0.739402	-1.35244	6.8558	15.9627	2.06964	1
cg06862545	0.00978128	0.679809	-1.471	0.634105	0.944924	-1.05829	0.377873	1.11282	1.11282	0.342267	1.12255	1.12255	6.12891	1.35496	0.196513	1
cg20793341	0.514566	0.781266	-1.27997	0.00271998	0.213069	-4.69331	0.0237764	0.365018	-2.73959	0.311676	0.67644	-1.47833	5.18848	11.4626	1.96377	1
cg23627022	0.0922819	1.24479	1.24479	0.00838703	1.48878	1.48878	0.786406	0.968412	-1.03262	0.456814	0.914342	-1.09368	4.28448	0.947585	0.196593	1
cg26051540	0.0123369	1.46956	1.46956	0.507142	1.0867	1.0867	0.88682	0.982559	-1.01775	0.24288	0.859856	-1.16298	7.48866	1.81046	0.214897	1
cg00170931	0.090961	1.29325	1.29325	0.0010367	1.95611	1.95611	0.0939714	1.2896	1.2896	0.0960957	0.776943	-1.2871	17.3503	5.24141	0.268528	1
cg05453378	0.997785	0.998911	-1.00109	0.00136142	0.161394	-6.196	0.861022	0.933562	-1.07117	0.0145873	0.307243	-3.25475	7.16461	17.4647	2.16679	1
cg00944638	0.145811	0.769886	-1.29889	0.00244856	0.493662	-2.02568	0.135458	1.30927	1.30927	0.835114	0.965697	-1.03552	7.11733	3.16127	0.394814	1
cg25189873	0.261979	0.814403	-1.22789	0.0796461	1.40696	1.40696	0.150199	1.3109	1.3109	0.773253	0.950559	-1.05201	5.2358	2.55461	0.433699	1
cg11083457	0.948829	1.0118	1.0118	0.0294032	1.5984	1.5984	0.643486	1.08894	1.08894	0.435558	0.864645	-1.15654	4.86555	2.57563	0.470542	1
cg03469077	0.215094	0.665614	-1.50237	0.0366372	0.468862	-2.13282	0.234905	1.47455	1.47455	0.376928	0.753655	-1.32687	3.49672	5.38856	1.36981	1
cg08547211	0.24614	0.680199	-1.47016	0.000586147	0.184861	-5.40947	0.383864	0.752995	-1.32803	0.313943	0.718286	-1.3922	5.03643	8.05228	1.42116	1
cg10516117	0.00688841	0.472133	-2.11805	0.00236344	0.402614	-2.48377	0.00207367	0.394484	-2.53496	0.00666954	0.469951	-2.12788	8.28881	6.04184	0.647925	1
cg18278729	0.274513	0.686728	-1.45618	0.0621809	2.00172	2.00172	0.00306966	3.81873	3.81873	0.14033	1.68937	1.68937	5.18088	8.965	1.53813	1
cg13027184	0.091569	2.00162	2.00162	0.0393649	2.43599	2.43599	0.1583	1.75658	1.75658	0.0539458	2.26428	2.26428	4.05283	8.95599	1.96428	1
cg21458932	0.126694	1.83568	1.83568	0.0616353	2.16842	2.16842	0.0370256	2.43611	2.43611	0.279816	1.51148	1.51148	3.79071	8.11618	1.90317	1
cg07352834	0.141731	0.724789	-1.37971	0.0991369	0.69191	-1.44528	0.0200858	0.564744	-1.77071	0.033084	0.601916	-1.66136	9.99064	6.56725	0.584302	1
cg14311630	0.122811	1.56212	1.56212	0.0152079	0.451405	-2.21531	0.49927	0.832789	-1.20078	0.0111066	2.33822	2.33822	4.6376	5.22762	1.00198	1
cg02520020	0.0212716	1.48203	1.48203	0.270939	1.17689	1.17689	3.90E-05	3.06276	3.06276	0.0888387	1.30566	1.30566	10.9237	3.49368	0.284289	1
cg15918732	0.00288765	1.7377	1.7377	0.445258	0.900373	-1.11065	0.000419708	2.12575	2.12575	0.72835	0.954064	-1.04815	9.08773	2.61793	0.256065	1
cg10030791	0.0717629	1.35052	1.35052	0.738965	1.05126	1.05126	0.000609203	2.20221	2.20221	0.268759	1.18788	1.18788	8.59267	3.04048	0.31453	1
cg15617545	0.103867	1.31362	1.31362	0.255589	0.833557	-1.19968	0.00953102	1.65479	1.65479	0.789967	1.0418	1.0418	7.2117	2.68745	0.331246	1
cg09061733	0.143227	1.49377	1.49377	0.88416	0.963493	-1.03789	0.000379685	4.25529	4.25529	0.0989258	1.58646	1.58646	6.5041	6.7032	0.916099	1
cg14691871	0.19518	0.74902	-1.33508	0.0237389	1.76712	1.76712	0.0898765	0.674137	-1.48338	0.0201898	1.80555	1.80555	5.86571	4.13283	0.626289	1
cg12783776	0.174462	1.75454	1.75454	0.627795	1.20943	1.20943	0.0304095	2.69193	2.69193	0.00151081	5.92299	5.92299	4.10591	9.85039	2.13251	1
cg06485787	0.687012	1.04157	1.04157	0.115615	1.18765	1.18765	0.790357	1.02715	1.02715	0.673997	0.958351	-1.04346	5.40669	0.865676	0.142322	1
cg21899310	0.0725312	1.33605	1.33605	0.00444115	0.57762	-1.73124	0.00244639	0.543588	-1.83963	0.853514	1.02708	1.02708	4.9602	1.64233	0.294312	1
cg00369658	0.187759	1.32877	1.32877	0.0593449	0.648266	-1.54258	0.00829611	1.98817	1.98817	0.0503671	1.57492	1.57492	3.70173	2.43099	0.58375	1
cg00250805	0.0206401	1.50783	1.50783	2.71E-05	0.295246	-3.38701	0.508142	1.10396	1.10396	0.0631808	0.73501	-1.36053	16.9176	5.81579	0.305575	1
cg26104986	0.0138737	2.37637	2.37637	0.000115579	6.85186	6.85186	0.00266377	3.26371	3.26371	0.259678	1.39761	1.39761	7.82447	10.0448	1.14113	1
cg14140874	0.00726552	0.32208	-3.10482	0.152745	1.65049	1.65049	0.557191	1.2144	1.2144	0.0539243	0.488739	-2.04608	4.58104	7.76681	1.50704	1
cg21726037	0.997511	1.00101	1.00101	0.232633	1.49719	1.49719	0.626813	1.17116	1.17116	0.0668388	1.93967	1.93967	3.43537	5.65696	1.46372	1
cg23200873	0.140275	1.37833	1.37833	0.0500952	1.57111	1.57111	0.246993	1.27739	1.27739	0.327672	0.815183	-1.22672	6.29225	4.07602	0.575808	1
cg11375831	0.187649	0.705787	-1.41686	0.769249	0.929223	-1.07617	0.765875	1.07736	1.07736	0.0213413	0.501414	-1.99436	4.23299	4.17465	0.87664	1
cg15554338	0.780067	1.04797	1.04797	0.0557898	1.43724	1.43724	0.590672	1.09514	1.09514	0.370608	0.857364	-1.16637	4.17161	1.85111	0.394435	1
cg25060020	0.0432654	1.37216	1.37216	0.512774	0.913626	-1.09454	0.334289	0.873268	-1.14512	0.119822	1.25818	1.25818	5.10572	1.49751	0.260712	1
cg13542022	0.00265017	0.568763	-1.7582	0.106263	0.787125	-1.27045	?	?	?	0.346448	1.14062	1.14062	5.17494	1.34156	0.259242	1
cg10184289	0.554211	0.841056	-1.18898	0.000139182	0.148947	-6.71381	0.115	1.64188	1.64188	0.0409121	0.505254	-1.9792	11.6156	15.3991	1.17843	1
cg15742737	0.160322	0.785697	-1.27275	0.00329829	1.90344	1.90344	0.134275	1.29647	1.29647	0.0125149	0.60682	-1.64794	8.1651	3.34354	0.363993	1
cg11920737	0.583404	1.25211	1.25211	0.559425	0.786936	-1.27075	0.000998147	0.137503	-7.27255	0.563636	0.789002	-1.26742	6.93021	18.0871	2.3199	1
cg05783449	0.00734508	0.510549	-1.95868	0.00553995	0.492082	-2.03218	0.33645	1.21266	1.21266	0.011058	0.537962	-1.85887	5.88452	3.52751	0.532849	1
cg00063909	0.139088	0.595894	-1.67815	0.000854311	0.196117	-5.09899	0.276967	0.692345	-1.44437	0.0391137	0.460078	-2.17354	4.8158	8.06445	1.48852	1
cg16741128	0.214458	0.809092	-1.23595	0.0522328	1.43031	1.43031	0.809343	0.961577	-1.03996	0.211072	0.807685	-1.23811	4.49209	1.86926	0.369887	1
cg14899960	0.0424867	0.366003	-2.73222	0.000300802	0.0797213	-12.5437	0.0056793	0.209942	-4.76323	0.427473	0.705696	-1.41704	8.26792	24.2387	2.60592	1
cg21616542	0.938852	0.990475	-1.00962	0.000162671	0.448124	-2.23153	0.0451338	0.750705	-1.33208	0.0431893	1.33663	1.33663	8.10651	1.99788	0.21907	1
cg03577733	0.582479	0.93858	-1.06544	0.00379127	0.640277	-1.56182	0.605865	1.06122	1.06122	0.567956	0.936229	-1.06811	7.72572	1.59471	0.18348	1
cg14997559	0.00193713	1.61373	1.61373	0.21895	1.15151	1.15151	0.0405919	1.29434	1.29434	0.0640476	1.25494	1.25494	5.17876	0.976506	0.167609	1
cg01881255	?	?	?	0.0106998	0.159124	-6.28443	0.00144278	0.0670008	-14.9252	0.566395	1.37793	1.37793	6.15761	19.4086	3.6773	1
cg18675381	0.052264	0.700489	-1.42757	0.00234096	0.504116	-1.98367	0.970361	1.00601	1.00601	0.751924	1.05247	1.05247	3.40954	1.40412	0.366064	1
cg26994859	0.0469593	0.684906	-1.46005	0.0407172	0.674882	-1.48174	0.0433283	1.47225	1.47225	0.179269	0.78865	-1.26799	7.38592	3.24027	0.389964	1
cg21900416	0.0245677	1.46959	1.46959	0.311701	0.860307	-1.16238	0.0265234	0.685176	-1.45948	0.255715	1.18599	1.18599	6.71726	2.1989	0.290978	1
cg27190206	0.635579	0.864787	-1.15635	0.000449321	0.185613	-5.38757	0.455546	1.26022	1.26022	0.534145	0.825633	-1.21119	5.46141	8.01018	1.30372	1
cg13323615	0.46093	0.797475	-1.25396	0.0241064	0.444456	-2.24994	0.14077	1.61228	1.61228	0.0822562	0.559684	-1.78672	5.40231	7.77675	1.27958	1
cg17970032	0.536817	0.740156	-1.35107	0.00215852	0.125941	-7.94026	0.38994	0.654522	-1.52783	0.671759	0.8146	-1.2276	3.52777	12.9326	3.25861	1
cg00936911	0.692073	1.19548	1.19548	0.677396	1.20642	1.20642	0.0262357	0.306468	-3.26299	0.757981	0.870547	-1.1487	12.2585	39.0605	2.83236	1
cg07593582	0.0759674	2.79059	2.79059	0.0207253	4.25119	4.25119	0.380666	0.626692	-1.59568	0.112481	2.45451	2.45451	3.5623	15.2362	3.80183	1
cg02304930	0.199665	0.629063	-1.58967	0.0391671	0.441985	-2.26252	0.0151446	0.360296	-2.7755	0.00959156	0.325671	-3.07058	4.1659	7.72126	1.64751	1
cg22864433	0.629649	0.897326	-1.11442	0.315749	0.793522	-1.2602	0.0447083	1.67166	1.67166	0.101148	1.49219	1.49219	4.0134	3.15983	0.699841	1
cg12914954	0.000829948	0.183561	-5.44779	4.65E-05	0.07508	-13.3191	0.135798	0.581898	-1.71851	0.00587681	0.296928	-3.36782	20.1206	36.1548	1.59725	1
cg00508982	0.000817364	2.21467	2.21467	0.00207742	1.98009	1.98009	0.227044	1.22126	1.22126	0.215117	1.22832	1.22832	10.6885	4.20484	0.349689	1
cg22457642	0.896232	1.03335	1.03335	0.0758188	1.6435	1.6435	0.0622946	1.69488	1.69488	0.559448	1.15997	1.15997	4.77647	4.78215	0.889945	1
cg00571870	0.319323	0.718116	-1.39253	0.00351998	0.27992	-3.57245	0.23993	0.673069	-1.48573	0.00692147	0.324803	-3.07879	4.09454	6.71319	1.45738	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17117243	SESN1	0.048771	0.575075	1.20952	1.20952	0.0490596	2.1268	2.1268	0.168374	1.6372	1.6372	0.199123	0.634015	-1.57725	0.0193568	0.386816	-2.58521
cg13839145	SESN1;C6orf182	0.0158466	0.291097	1.09633	1.09633	0.0874363	0.853514	-1.17163	0.148878	0.878131	-1.13878	0.0608345	0.837445	-1.19411	0.327298	1.0886	1.0886
cg13367756	SESN1;C6orf182;C6orf182	0.0111945	0.0133979	0.544149	-1.83773	0.0114338	0.533195	-1.87549	0.00838894	0.51217	-1.95248	0.250674	0.787814	-1.26934	0.00123547	0.391242	-2.55596
cg08729985	SESN2	1.61E-05	9.85E-05	0.629985	-1.58734	0.261853	0.924805	-1.08131	0.000627001	1.42093	1.42093	0.820606	0.984939	-1.01529	0.213789	1.0914	1.0914
cg16577607	SESN2	5.76E-05	0.253303	1.38981	1.38981	0.0122065	2.36677	2.36677	0.145393	1.53933	1.53933	0.000212538	0.181344	-5.51437	0.0470297	0.534121	-1.87224
cg26341453	SESN2	0.000112365	0.036316	0.731091	-1.36782	0.000979287	1.8794	1.8794	0.0869229	0.784031	-1.27546	0.441913	1.10618	1.10618	1.24E-05	0.305709	-3.27108
cg27427051	SESN2	0.000552684	0.0383754	0.697531	-1.43363	0.016127	0.642778	-1.55575	0.000119992	0.364458	-2.7438	0.0167009	0.644931	-1.55055	0.192959	0.813153	-1.22978
cg26158528	SESN2	0.00711167	0.00245699	0.130525	-7.66135	0.00601092	0.17639	-5.66926	0.102706	0.421896	-2.37025	0.0152895	0.237073	-4.21811	0.00113461	0.0988254	-10.1189
cg06754224	SESN2	0.0194286	0.0442313	0.516428	-1.93638	0.00472088	0.341869	-2.9251	0.00298101	0.311928	-3.20587	0.493839	0.819822	-1.21978	0.0332367	0.490844	-2.03731
cg04839897	SESN2	0.0251781	0.0984138	0.482301	-2.07339	0.654917	0.834443	-1.1984	0.146732	0.534391	-1.87129	0.586738	1.2471	1.2471	0.00521809	0.227006	-4.40517
cg01172735	SESN2	0.0297108	0.0607596	0.752371	-1.32913	0.145305	1.23427	1.23427	0.0267505	1.42366	1.42366	0.0138469	0.664077	-1.50585	0.180135	0.825655	-1.21116
cg14174719	SESN2	0.0361492	0.0940263	0.682591	-1.46501	0.372648	0.827101	-1.20904	0.0553783	0.637375	-1.56894	0.225759	0.768099	-1.30192	0.0017835	0.397619	-2.51497
cg17980625	SESN3	4.87E-06	0.0894827	0.636992	-1.56988	0.0284457	1.86437	1.86437	0.0280273	0.535179	-1.86853	0.0310545	0.543502	-1.83992	0.809275	0.943417	-1.05998
cg13037275	SESN3	6.21E-05	0.236463	0.630396	-1.5863	0.593097	0.81822	-1.22216	0.0709619	0.472189	-2.11779	0.453963	0.752972	-1.32807	0.0708044	0.471946	-2.11889
cg03680032	SESN3	0.000131325	0.227992	0.633243	-1.57917	0.475686	1.29938	1.29938	0.0176125	0.35249	-2.83696	0.114964	0.538548	-1.85684	0.250746	0.648352	-1.54237
cg08881680	SESN3	0.000326811	0.00470677	0.124499	-8.03221	0.936153	0.956531	-1.04544	0.0121206	0.176453	-5.66722	0.10445	0.373621	-2.67651	0.033533	0.252199	-3.96512
cg21502154	SESN3	0.00171986	0.0290028	0.660682	-1.51359	0.00217753	1.99865	1.99865	0.000992329	2.19857	2.19857	0.00752871	0.574758	-1.73986	0.128533	0.767556	-1.30284
cg14953580	SESN3	0.00788985	0.0167178	1.28998	1.28998	0.00400333	1.40093	1.40093	0.0156443	1.29474	1.29474	0.0716066	1.19167	1.19167	0.715116	0.968552	-1.03247
cg04065909	SESN3	0.0126659	0.066	0.569705	-1.7553	0.794756	0.931353	-1.07371	0.767009	1.08443	1.08443	0.677938	1.12066	1.12066	0.636006	0.878046	-1.13889
cg18259092	SESN3	0.0291255	0.0133267	0.405697	-2.46489	0.736739	0.905493	-1.10437	0.661471	0.878405	-1.13843	0.263826	1.40877	1.40877	0.277061	0.717038	-1.39463
cg15846643	SESN3	0.0379136	0.149964	1.25058	1.25058	0.101299	1.29685	1.29685	0.0755133	1.33196	1.33196	0.0120783	1.57365	1.57365	0.130661	0.7894	-1.26679
cg18814227	SESTD1	0.00647661	0.0579542	0.580828	-1.72168	0.110315	0.643321	-1.55443	0.189016	0.702774	-1.42293	0.145864	1.48553	1.48553	0.0272411	0.515631	-1.93937
cg01231381	SESTD1	0.0102938	0.173658	0.683554	-1.46294	0.0485314	1.80812	1.80812	0.0568081	0.567459	-1.76224	0.0102812	0.427421	-2.33961	0.0269418	0.502281	-1.99092
cg21158027	SESTD1	0.0304066	0.745911	1.04156	1.04156	0.479552	1.0942	1.0942	0.0849872	1.2694	1.2694	0.416308	1.10965	1.10965	0.450879	1.10099	1.10099
cg02393092	SET	0.000200005	0.0133687	0.611076	-1.63646	8.32E-05	0.320219	-3.12286	0.124174	0.765197	-1.30685	0.709089	0.941537	-1.06209	0.00107016	0.459798	-2.17487
cg11628487	SET;SET	4.51E-05	0.436007	0.887	-1.1274	0.000416667	2.32715	2.32715	0.022797	1.50854	1.50854	0.261457	1.19327	1.19327	0.177989	0.80576	-1.24106
cg17701168	SET;SET	0.00241781	0.0346912	0.473667	-2.11119	0.355451	1.3344	1.3344	0.859053	0.947484	-1.05543	0.00124188	0.238793	-4.18774	0.00567356	0.332447	-3.00799
cg13827677	SET;SET	0.00823484	0.982625	1.01117	1.01117	0.00320883	7.78846	7.78846	0.00356231	7.50199	7.50199	0.0166401	4.4466	4.4466	0.342251	0.606925	-1.64765
cg00801360	SET;SET	0.0132314	0.0227941	0.606678	-1.64832	0.00593621	0.516896	-1.93462	0.076098	0.696287	-1.43619	0.440542	1.15518	1.15518	0.0246764	1.63332	1.63332
cg02717618	SETBP1	8.38E-06	?	?	?	5.62E-06	0.166657	-6.00035	0.00110647	0.626091	-1.59721	?	?	?	?	?	?
cg13016411	SETBP1	0.00424943	0.87015	0.960942	-1.04065	0.051731	0.583239	-1.71456	0.000222661	0.223845	-4.46738	0.0234404	0.517206	-1.93346	0.460862	0.832908	-1.20061
cg05672074	SETBP1	0.0230268	0.0564311	0.627272	-1.5942	0.0469101	1.6342	1.6342	0.475238	1.16973	1.16973	0.349781	0.812354	-1.23099	0.63894	0.902996	-1.10742
cg24776880	SETBP1	0.0495135	0.345121	1.46168	1.46168	0.121454	1.92599	1.92599	0.815932	0.912994	-1.0953	0.505674	0.768252	-1.30166	0.00243233	0.192557	-5.19327
cg05154615	SETBP1;SETBP1	0.0151357	0.0551527	0.320196	-3.12309	0.0179659	4.50898	4.50898	0.0110655	5.30659	5.30659	?	?	?	?	?	?
cg23576842	SETBP1;SETBP1	0.0244181	0.0637891	0.485089	-2.06148	0.770257	0.903331	-1.10701	0.403027	0.742968	-1.34595	0.115922	0.552538	-1.80983	0.00208514	0.222259	-4.49925
cg07505159	SETBP1;SETBP1	0.0262542	0.934483	1.01317	1.01317	0.0405423	0.686269	-1.45716	0.0246032	0.653057	-1.53126	0.240622	1.21597	1.21597	0.268484	0.832391	-1.20136
cg27378216	SETBP1;SETBP1	0.0335868	0.200162	0.452744	-2.20875	0.0780192	3.14751	3.14751	0.0705884	3.26478	3.26478	0.668216	0.776879	-1.2872	0.00432842	0.107201	-9.32829
cg07015525	SETBP1;SETBP1	0.0396472	0.586093	0.803465	-1.24461	0.0244814	0.344168	-2.90556	0.00590013	0.238433	-4.19405	0.281062	1.56189	1.56189	0.0654685	0.439172	-2.27701
cg06150299	SETD1A	0.000519274	0.96381	1.01119	1.01119	0.000820599	0.290349	-3.44413	0.785717	1.06913	1.06913	0.0575701	1.69342	1.69342	1.62E-05	0.11308	-8.84333
cg04033451	SETD1A	0.000931901	0.840917	0.971579	-1.02925	0.855215	0.974135	-1.02655	0.0628924	0.740662	-1.35014	0.0282335	0.689573	-1.45017	0.0045953	0.582039	-1.7181
cg14141984	SETD1A	0.00173095	0.0557489	0.827243	-1.20883	0.749874	0.972401	-1.02838	0.463218	0.936754	-1.06752	0.517698	0.944228	-1.05907	0.884202	1.01283	1.01283
cg10020520	SETD1A	0.0028438	0.18423	0.809852	-1.23479	0.518636	0.90667	-1.10294	0.0548852	0.721809	-1.38541	0.272832	0.842916	-1.18636	0.831747	0.968645	-1.03237
cg05135033	SETD1A	0.00601278	0.853511	1.03065	1.03065	0.00228525	0.498213	-2.00718	0.782996	0.955902	-1.04613	0.00190804	0.487601	-2.05086	0.0465287	0.689074	-1.45122
cg06892815	SETD1A	0.00802759	0.0966486	0.752191	-1.32945	0.335177	1.16786	1.16786	0.0762446	0.734927	-1.36068	0.857833	0.972392	-1.02839	0.0131393	0.618694	-1.61631
cg06403422	SETD1A	0.00870513	0.00782072	0.69595	-1.43688	0.972153	1.00371	1.00371	0.271068	1.12937	1.12937	0.516578	1.07232	1.07232	0.0346395	1.29892	1.29892
cg01070095	SETD1A	0.0104556	0.0238582	0.215886	-4.63207	0.00173037	0.0787834	-12.693	0.0188085	0.198238	-5.04444	0.215351	0.476406	-2.09905	0.0388975	0.256796	-3.89414
cg10450635	SETD1A	0.0104942	0.0422405	0.535973	-1.86576	0.13035	0.646948	-1.54572	0.145215	0.659054	-1.51733	0.850672	1.05152	1.05152	0.23183	0.715869	-1.3969
cg10226628	SETD1A	0.0154729	0.0546757	0.428706	-2.3326	0.00185768	0.179726	-5.56403	0.0651686	0.44728	-2.23574	0.0335179	0.380924	-2.62519	0.768774	0.89176	-1.12138
cg05102288	SETD1A	0.0217053	0.461342	1.2415	1.2415	0.0279154	2.11561	2.11561	0.0162738	2.33387	2.33387	0.403871	1.27939	1.27939	0.0155478	0.42489	-2.35355
cg04961397	SETD1A	0.044496	0.191107	0.739976	-1.35139	0.0766528	0.651544	-1.53481	0.174874	1.36878	1.36878	0.475563	1.17098	1.17098	0.359889	0.814818	-1.22727
cg03087852	SETD1A;SETD1A	0.00476438	0.147892	0.746824	-1.339	0.618739	1.09893	1.09893	0.140641	1.34721	1.34721	0.0595017	1.49178	1.49178	0.00873895	1.87419	1.87419
cg09957712	SETD1B	1.37E-05	0.604617	0.925859	-1.08008	1.37E-06	0.162349	-6.15955	2.37E-05	0.288121	-3.47076	0.0334775	1.44253	1.44253	0.135134	0.788567	-1.26812
cg14917044	SETD1B	0.000349915	0.0261602	1.79513	1.79513	0.589414	1.12842	1.12842	0.642219	1.10933	1.10933	0.618291	1.11783	1.11783	0.00261702	0.39688	-2.51966
cg13987226	SETD1B	0.000435927	0.234803	1.29181	1.29181	0.0358527	0.605292	-1.65209	0.106097	0.695663	-1.43748	0.547404	1.13336	1.13336	0.0009391	0.362489	-2.7587
cg05087127	SETD1B	0.000651687	0.00107528	1.34399	1.34399	0.00160577	1.31913	1.31913	0.000110084	1.5169	1.5169	0.94342	1.00435	1.00435	0.00879944	1.22655	1.22655
cg10331528	SETD1B	0.000798795	3.44E-05	0.426392	-2.34526	0.303063	0.892737	-1.12015	0.369119	0.906551	-1.10308	0.317293	0.895878	-1.11622	0.661163	1.04803	1.04803
cg02344636	SETD1B	0.00107819	0.000100654	0.114366	-8.74389	0.00493799	0.310077	-3.22501	0.070722	0.529868	-1.88726	0.413171	1.30098	1.30098	0.000315264	0.159464	-6.271
cg14787758	SETD1B	0.00159181	0.580184	0.907204	-1.10229	0.00437534	1.94153	1.94153	0.00336278	2.00454	2.00454	0.0722678	1.41861	1.41861	0.062735	0.694172	-1.44056
cg04523690	SETD1B	0.00207855	0.216087	0.863998	-1.15741	0.102745	1.22198	1.22198	0.024141	0.739383	-1.35248	0.06333	0.790971	-1.26427	0.247766	0.873111	-1.14533
cg13868565	SETD1B	0.00268313	0.847103	1.0285	1.0285	0.00815377	0.610813	-1.63716	0.000342601	2.31478	2.31478	0.033651	1.43506	1.43506	0.0146827	0.645776	-1.54852
cg11055242	SETD1B	0.00395139	0.0375645	1.51346	1.51346	0.463382	1.13678	1.13678	0.0511439	1.46445	1.46445	0.135177	1.31865	1.31865	0.43515	0.872179	-1.14655
cg16731429	SETD1B	0.00542204	0.277564	0.677678	-1.47563	0.456339	0.769974	-1.29875	0.0756418	0.505918	-1.97661	0.250407	0.661109	-1.51261	0.0138545	0.350686	-2.85156
cg15120882	SETD1B	0.0104726	0.0514043	1.59393	1.59393	0.379316	0.827303	-1.20875	0.00692391	0.479683	-2.08471	0.094607	1.47138	1.47138	0.837526	1.04411	1.04411
cg04255937	SETD1B	0.0136177	0.902594	0.972316	-1.02847	0.00658379	0.445259	-2.24588	0.591279	0.883116	-1.13235	0.23615	0.752277	-1.3293	0.144054	0.697765	-1.43315
cg09187936	SETD1B	0.0190706	0.29693	1.31657	1.31657	0.822884	1.05867	1.05867	0.0301853	0.522951	-1.91222	0.532907	1.17425	1.17425	0.00170611	0.320044	-3.12457
cg18618936	SETD1B	0.0382665	0.216497	0.807848	-1.23786	0.191743	1.25451	1.25451	0.835211	1.03477	1.03477	0.872349	1.02673	1.02673	0.00106749	0.452318	-2.21084
cg25196283	SETD1B	0.0387029	0.824552	1.08774	1.08774	0.0145638	0.319879	-3.12618	0.0081614	3.60541	3.60541	0.340196	1.45111	1.45111	0.756598	0.888902	-1.12498
cg06862343	SETD1B	0.041911	0.421428	1.11973	1.11973	0.00983336	1.56725	1.56725	0.00488141	1.67155	1.67155	0.793292	1.03682	1.03682	0.213063	0.834798	-1.19789
cg15883094	SETD1B	0.0486531	0.208141	0.758342	-1.31867	0.190759	0.749177	-1.3348	0.0108517	1.94798	1.94798	0.0316548	0.591479	-1.69068	0.536296	1.13944	1.13944
cg11343534	SETD1B;LOC338799	0.000456502	0.646514	1.03488	1.03488	0.479908	0.948068	-1.05478	0.126927	1.13042	1.13042	2.91E-05	0.54388	-1.83864	0.00530506	0.76121	-1.3137
cg12557235	SETD1B;LOC338799	0.000703266	0.331587	1.50255	1.50255	0.177826	1.78965	1.78965	0.7796	1.12078	1.12078	1.35E-05	0.0246726	-40.5308	0.0279054	0.347847	-2.87483
cg10605791	SETD1B;LOC338799	0.00698274	0.0682042	0.75819	-1.31893	0.9179	1.01408	1.01408	0.122514	0.797036	-1.25465	0.880403	1.02062	1.02062	0.00228886	0.561006	-1.78251
cg05971911	SETD2	3.97E-06	0.00172706	1.79219	1.79219	0.665717	1.05837	1.05837	0.0783516	1.29073	1.29073	7.93E-06	0.279014	-3.58405	1.53E-05	0.311006	-3.21537
cg23007535	SETD2	3.18E-05	0.000745293	0.333306	-3.00025	0.000164987	0.25199	-3.96841	0.0510391	0.620634	-1.61126	0.00216754	0.397025	-2.51873	6.10E-05	0.204233	-4.89637
cg05262631	SETD2	6.39E-05	0.00360173	0.571294	-1.75041	0.689129	1.05878	1.05878	0.603784	0.928327	-1.07721	0.58175	1.08223	1.08223	1.77E-06	0.183806	-5.44053
cg07757460	SETD2	7.04E-05	0.000804356	0.299199	-3.34225	0.0203893	0.513314	-1.94812	0.000440034	0.265935	-3.76031	0.00079944	0.298851	-3.34615	1.15E-05	0.10874	-9.19625
cg24359926	SETD2	0.000732167	0.00321289	0.331366	-3.01781	0.00388172	0.343643	-2.91	0.0022426	0.308756	-3.23881	0.238978	0.712686	-1.40314	3.71E-05	0.113243	-8.83058
cg20788199	SETD2	0.00192855	0.0284175	1.46603	1.46603	0.00703557	0.59732	-1.67415	9.68E-05	0.358659	-2.78817	0.728195	0.949709	-1.05295	0.247211	0.836153	-1.19595
cg21631878	SETD2	0.0046477	0.22937	1.11282	1.11282	0.601629	1.04565	1.04565	0.000599503	1.56634	1.56634	0.0714845	1.186	1.186	0.289783	0.911085	-1.09759
cg09840736	SETD2	0.00469471	0.000754983	0.70707	-1.41429	0.694995	1.0271	1.0271	0.0211974	1.20684	1.20684	0.00573196	0.782107	-1.2786	0.171975	0.90605	-1.10369
cg22885052	SETD2	0.0113334	0.366506	1.35672	1.35672	0.00597028	3.26065	3.26065	0.025019	2.40321	2.40321	0.0557406	2.03963	2.03963	0.846761	0.93836	-1.06569
cg27129171	SETD2	0.0140378	0.653512	1.10748	1.10748	0.722667	0.922647	-1.08384	0.0537541	1.64019	1.64019	0.00490178	0.430716	-2.32172	0.0130368	2.00555	2.00555
cg14705919	SETD2	0.0141372	0.48237	0.777707	-1.28583	0.00197295	0.21448	-4.66243	0.12207	0.554292	-1.8041	0.50865	0.78971	-1.26629	0.479939	0.776585	-1.28769
cg01702820	SETD2	0.0150959	0.813949	1.07299	1.07299	0.967046	1.01242	1.01242	0.0172258	0.408675	-2.44693	0.00168818	4.14608	4.14608	?	?	?
cg24776019	SETD2	0.0162837	0.236919	0.784751	-1.27429	0.00701814	0.505677	-1.97755	0.649291	0.914339	-1.09369	0.00444566	0.475987	-2.1009	0.0771478	0.680854	-1.46874
cg19711613	SETD2	0.0390142	0.000947481	0.0941002	-10.627	0.403004	0.663384	-1.50742	0.289012	0.589898	-1.69521	0.771488	0.869662	-1.14987	0.155879	0.482837	-2.07109
cg06066568	SETD2;SETD2	0.00558115	0.211785	1.38276	1.38276	0.00323775	0.371777	-2.68979	0.132957	0.670722	-1.49093	0.0171264	0.488755	-2.04601	0.856069	1.04575	1.04575
cg00763768	SETD3;CCNK;CCNK;SETD3	5.56E-05	0.000180582	0.357814	-2.79475	0.0680634	0.734523	-1.36143	0.585211	0.921385	-1.08532	0.000343374	2.52508	2.52508	?	?	?
cg11832221	SETD3;CCNK;CCNK;SETD3	0.00049268	0.533366	0.910985	-1.09771	0.00583876	0.586616	-1.70469	0.0177633	1.53108	1.53108	0.0345967	0.694811	-1.43924	0.0174659	0.652101	-1.5335
cg05602615	SETD3;CCNK;SETD3;CCNK	0.0200609	0.0801795	0.777681	-1.28587	0.85075	1.0247	1.0247	0.122764	1.24185	1.24185	0.88447	0.981343	-1.01901	0.510717	1.09026	1.09026
cg13049261	SETD3;SETD3	0.00179449	0.0036681	0.273675	-3.65398	0.00153727	0.222398	-4.49645	0.00156407	0.22335	-4.47728	0.0619482	0.499908	-2.00037	0.00861192	0.33119	-3.01942
cg02893779	SETD3;SETD3	0.00266738	0.136954	0.777931	-1.28546	0.0395275	1.45241	1.45241	5.82E-05	3.21418	3.21418	0.160117	0.790379	-1.26522	0.242437	1.21138	1.21138
cg13671754	SETD3;SETD3	0.0164056	0.158709	0.799236	-1.25119	0.0530789	1.38673	1.38673	0.296324	0.851226	-1.17478	0.2061	1.21944	1.21944	0.0511608	1.39145	1.39145
cg14232552	SETD3;SETD3	0.0254713	0.686759	0.876966	-1.1403	0.0239127	0.417817	-2.39339	0.100039	0.55788	-1.7925	0.204184	1.54335	1.54335	0.00372862	0.281241	-3.55567
cg24180006	SETD3;SETD3	0.0339858	0.838569	1.08897	1.08897	0.00281447	5.58144	5.58144	0.00405179	5.01504	5.01504	0.870189	1.07072	1.07072	0.287479	0.63038	-1.58634
cg04556432	SETD3;SETD3	0.0344161	0.0686426	0.736679	-1.35744	0.752095	1.04866	1.04866	0.151016	0.793939	-1.25954	0.00611128	1.71018	1.71018	0.102724	0.765128	-1.30697
cg23376085	SETD3;SETD3	0.0380167	0.0915707	1.80873	1.80873	0.901735	0.961363	-1.04019	0.676943	0.87489	-1.143	0.00960588	2.84569	2.84569	0.161248	1.61167	1.61167
cg04576405	SETD4	0.0243463	0.136793	0.669986	-1.49257	0.135247	0.668763	-1.4953	0.0520008	0.575568	-1.73741	0.0193812	0.493392	-2.02679	0.00117958	0.304522	-3.28383
cg10457735	SETD4	0.0439428	0.174704	1.40151	1.40151	0.218322	1.3536	1.3536	0.134878	1.45775	1.45775	0.834242	1.05022	1.05022	0.00405293	0.405618	-2.46537
cg24969685	SETD4;SETD4	1.93E-06	0.000104881	0.479914	-2.08371	1.81E-07	0.179814	-5.5613	2.13E-05	0.399858	-2.50089	0.000219955	0.517106	-1.93384	4.53E-06	0.323465	-3.09152
cg21911305	SETD4;SETD4	1.00E-04	0.000478652	0.345188	-2.89697	0.0319026	0.613879	-1.62899	0.634062	0.911136	-1.09753	0.105533	1.4094	1.4094	0.201363	1.29933	1.29933
cg00045303	SETD4;SETD4	0.00898021	0.299147	1.19499	1.19499	0.313016	1.18857	1.18857	0.482086	1.12556	1.12556	0.536442	0.901557	-1.10919	0.000262287	0.370395	-2.69982
cg20899266	SETD5	0.0139546	0.371896	1.3057	1.3057	0.00116532	0.249775	-4.0036	0.00662786	0.358675	-2.78804	0.660961	0.879493	-1.13702	0.420647	1.27045	1.27045
cg06798480	SETD5;LOC440944	0.00100865	0.453533	0.805649	-1.24124	0.227279	0.698546	-1.43154	0.000799228	0.238611	-4.19092	0.797388	1.07553	1.07553	?	?	?
cg04398603	SETD5;LOC440944	0.00512648	0.00277442	0.266641	-3.75037	0.958502	0.983466	-1.01681	0.728945	1.11791	1.11791	0.000731121	0.193025	-5.18068	0.0205372	0.408966	-2.44519
cg03549244	SETD5;LOC440944	0.00712412	0.838697	1.01874	1.01874	0.00221039	0.676585	-1.47801	0.487894	0.937826	-1.0663	0.0400036	1.24135	1.24135	0.178578	1.13903	1.13903
cg13216995	SETD5;LOC440944	0.0102993	0.971527	1.00615	1.00615	0.582291	0.909005	-1.1001	0.820101	0.961635	-1.0399	0.0212205	0.621442	-1.60916	0.792798	0.955795	-1.04625
cg01472538	SETD6;SETD6	0.0027684	0.673292	0.875267	-1.14251	0.205897	1.52074	1.52074	0.372579	1.3332	1.3332	0.502157	1.23859	1.23859	0.808353	1.07933	1.07933
cg26666090	SETD6;SETD6	0.00726369	0.95037	0.992389	-1.00767	0.720301	0.956829	-1.04512	0.411205	0.902002	-1.10865	0.757083	0.962634	-1.03882	0.0944599	0.798014	-1.25311
cg09856590	SETD6;SETD6	0.0144141	0.0233737	0.409544	-2.44174	0.660335	1.15687	1.15687	0.0710502	0.514528	-1.94353	0.0824339	0.530512	-1.88497	0.00086202	0.192335	-5.19925
cg09132913	SETD6;SETD6	0.0187904	0.0005086	0.0790967	-12.6428	0.66433	1.22628	1.22628	0.838877	0.909266	-1.09979	0.451157	1.43144	1.43144	0.0887237	2.40424	2.40424
cg05502081	SETD6;SETD6	0.0208647	0.0117849	0.681665	-1.467	0.129741	1.22069	1.22069	0.0285519	1.36996	1.36996	0.0456724	0.756423	-1.32201	0.104212	1.24161	1.24161
cg00810133	SETD6;SETD6	0.0436003	0.087206	0.827915	-1.20785	0.0241757	1.30838	1.30838	0.228034	1.13488	1.13488	0.0739047	0.819387	-1.22043	0.0463694	0.795977	-1.25632
cg14201545	SETD7	5.16E-05	0.252493	0.863397	-1.15822	1.47E-06	0.222686	-4.49062	0.0253477	0.721338	-1.38631	0.875587	0.980931	-1.01944	0.0093923	1.49881	1.49881
cg16720495	SETD7	0.000661026	0.0325354	0.832844	-1.20071	0.611352	1.03817	1.03817	0.385496	0.937034	-1.0672	0.00234476	0.73314	-1.364	0.123115	1.12987	1.12987
cg01641771	SETD7	0.00193245	0.0151109	0.691602	-1.44592	0.000208197	0.464561	-2.15257	0.0855447	1.26458	1.26458	0.0292334	0.728115	-1.37341	0.155328	1.2066	1.2066
cg22633932	SETD7	0.0277072	0.0270878	1.82285	1.82285	0.0453151	1.69362	1.69362	0.680567	1.09964	1.09964	0.0851682	1.54763	1.54763	0.404629	0.82229	-1.21612
cg21198300	SETD7	0.0385855	0.321037	0.67328	-1.48527	0.635667	1.20219	1.20219	0.788413	1.10937	1.10937	0.159215	1.78691	1.78691	0.00222798	0.191515	-5.22152
cg24173551	SETD8	0.000111695	0.000327028	0.619473	-1.61428	7.68E-05	0.553817	-1.80565	0.721209	0.970877	-1.03	0.14767	0.879737	-1.1367	0.000717303	0.653939	-1.52919
cg11015188	SETD8	0.00103547	0.48723	0.839235	-1.19156	0.854209	1.04673	1.04673	0.355039	1.26648	1.26648	0.00916257	0.439662	-2.27448	0.0938009	1.58019	1.58019
cg01013737	SETD8	0.00138555	0.856519	1.02931	1.02931	0.586697	1.09156	1.09156	0.466155	1.12565	1.12565	0.879675	1.02447	1.02447	0.515895	1.11087	1.11087
cg13672514	SETD8	0.00154097	0.079174	0.755745	-1.3232	0.000103498	0.372786	-2.68251	0.000303486	0.430165	-2.32469	0.533843	0.913438	-1.09477	0.06241	0.739808	-1.3517
cg08059189	SETD8	0.00220106	0.00129253	0.689963	-1.44935	0.0288354	1.22633	1.22633	0.978801	1.00211	1.00211	0.087816	1.16083	1.16083	0.00649793	0.755786	-1.32313
cg12776699	SETD8	0.00227844	0.0456821	0.738099	-1.35483	0.00329929	1.69986	1.69986	0.681199	1.05628	1.05628	0.440757	0.901043	-1.10982	0.590961	1.07456	1.07456
cg15772797	SETD8	0.013025	0.123939	1.49449	1.49449	0.890595	0.967355	-1.03375	0.618584	1.12867	1.12867	0.677283	1.1062	1.1062	0.245946	1.33995	1.33995
cg03822159	SETD8	0.0130779	0.143428	0.711153	-1.40617	0.472395	1.17171	1.17171	0.121937	0.695261	-1.43831	0.373776	1.21889	1.21889	0.000483146	3.27594	3.27594
cg01964765	SETD8	0.0136944	0.213853	0.914712	-1.09324	0.0465541	1.16795	1.16795	0.880474	1.0103	1.0103	0.219356	1.09196	1.09196	0.00903755	0.797699	-1.25361
cg18041815	SETD8	0.0138097	0.0406537	2.88794	2.88794	0.00357707	5.87437	5.87437	0.0117787	4.10212	4.10212	0.0149778	3.82724	3.82724	0.177182	0.525406	-1.90329
cg05677062	SETD8	0.01444	0.595492	0.835567	-1.19679	0.000755715	5.54222	5.54222	0.0685445	1.98102	1.98102	0.0756565	1.94054	1.94054	0.396331	0.747353	-1.33806
cg04212568	SETD8	0.0205304	0.039509	0.728736	-1.37224	0.000835618	1.95046	1.95046	0.683878	0.947053	-1.05591	0.882762	0.980582	-1.0198	0.328448	0.874557	-1.14344
cg06128612	SETD8	0.0211551	0.0131092	0.558134	-1.79168	0.350425	0.833459	-1.19982	0.300242	1.22565	1.22565	0.053314	0.659625	-1.51601	0.00223479	0.444196	-2.25126
cg18714585	SETD8	0.0312673	0.46693	0.943441	-1.05995	0.00881755	1.29987	1.29987	0.0346736	1.2137	1.2137	0.0376959	0.827303	-1.20875	0.841623	0.984388	-1.01586
cg15151059	SETDB1;SETDB1	0.0130773	0.68775	0.883691	-1.13162	0.0023516	0.272818	-3.66544	0.512568	0.816072	-1.22538	0.785747	1.08696	1.08696	0.00202621	0.263916	-3.78908
cg10444928	SETDB1;SETDB1;SETDB1	0.00480014	0.999866	1.00004	1.00004	0.189406	1.37672	1.37672	8.12E-05	0.194988	-5.12852	0.331338	1.25924	1.25924	0.559785	0.873175	-1.14525
cg26820223	SETDB1;SETDB1;SETDB1	0.00547787	0.178268	1.3842	1.3842	0.436341	0.834846	-1.19783	0.449569	0.839332	-1.19142	0.772505	0.936232	-1.06811	0.0283707	1.80077	1.80077
cg17899625	SETDB1;SETDB1;SETDB1	0.00661044	0.275249	0.863791	-1.15769	0.891202	0.982501	-1.01781	0.0150067	1.47064	1.47064	0.895428	1.01711	1.01711	0.839084	0.974112	-1.02658
cg15448220	SETDB1;SETDB1;SETDB1	0.00868369	0.155914	0.533581	-1.87413	0.0108349	3.75852	3.75852	0.863457	1.07382	1.07382	0.538549	1.29389	1.29389	0.0100921	0.261018	-3.83115
cg10961700	SETDB1;SETDB1;SETDB1	0.028766	0.0786097	0.446751	-2.23839	0.0127941	3.58053	3.58053	0.0231689	3.06401	3.06401	0.0877494	0.459627	-2.17568	0.878228	0.938716	-1.06528
cg05754322	SETDB2;CAB39L	0.031244	0.00807635	0.394385	-2.53559	0.514807	0.83431	-1.1986	0.822254	1.06365	1.06365	0.936593	1.02206	1.02206	0.0258142	0.483891	-2.06658
cg18656860	SETDB2;CAB39L;CAB39L	0.00449858	0.000325795	0.0746476	-13.3963	0.643502	1.23145	1.23145	0.124041	0.475192	-2.10441	0.225851	1.76499	1.76499	0.498398	1.35938	1.35938
cg23036613	SETDB2;PHF11;SETDB2	0.0113417	0.304834	0.759929	-1.31591	0.000959636	0.280638	-3.56331	0.00147622	0.305653	-3.27169	0.391059	0.796886	-1.25488	0.222692	0.718164	-1.39244
cg02355033	SETDB2;SETDB2	0.031228	0.117946	0.445371	-2.24532	0.0891799	0.40941	-2.44254	0.00644858	0.184936	-5.40728	0.0810994	0.397961	-2.51281	0.00225121	0.130389	-7.66936

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17117243	0.358007	0.727995	-1.37364	0.0457819	0.46346	-2.15768	0.255967	1.48924	1.48924	0.214013	0.644419	-1.55179	3.42028	6.11025	1.58798	1
cg13839145	0.135381	1.14466	1.14466	0.842827	1.0168	1.0168	0.000877204	0.657828	-1.52015	0.489502	1.06071	1.06071	5.08726	0.567796	0.0992101	1
cg13367756	0.00929017	0.519047	-1.92661	0.642098	0.911194	-1.09746	0.819124	0.955509	-1.04656	0.155396	0.739286	-1.35266	5.70022	3.56417	0.555794	1
cg08729985	5.06E-06	0.499678	-2.00129	0.00396669	0.771953	-1.29542	0.0014379	1.3605	1.3605	7.76E-05	1.61281	1.61281	35.8583	2.53515	0.0628438	1
cg16577607	0.464143	0.814189	-1.22822	0.814921	0.937354	-1.06683	1.38E-06	0.0334455	-29.8994	0.109361	0.617769	-1.61873	25.6479	30.9195	1.07159	1
cg26341453	0.588905	0.932189	-1.07274	0.028608	0.717229	-1.39426	0.678499	1.05511	1.05511	5.94E-05	0.384407	-2.60141	21.4601	5.62954	0.233179	1
cg27427051	0.00115396	0.488271	-2.04804	5.63E-05	0.325164	-3.07537	0.0048027	0.570193	-1.75379	0.779026	1.04313	1.04313	13.8983	4.96077	0.317275	1
cg26158528	0.0106728	0.211953	-4.71803	0.49846	0.717381	-1.39396	0.0305377	0.292729	-3.41613	0.0570696	0.353243	-2.83091	6.58254	24.3554	3.28889	1
cg06754224	0.0414396	0.510483	-1.95893	0.0113399	0.403947	-2.47557	0.184537	0.668703	-1.49543	0.226834	0.695726	-1.43735	4.75106	6.1515	1.1509	1
cg04839897	0.0134379	0.291881	-3.42606	0.0149126	0.299829	-3.33524	0.0486123	0.404035	-2.47503	0.0188887	0.318535	-3.13937	4.34649	11.1426	2.27875	1
cg01172735	0.210842	0.837407	-1.19416	0.196193	0.831981	-1.20195	0.249489	1.17585	1.17585	0.247037	1.17693	1.17693	4.10091	1.17655	0.255023	1
cg14174719	0.564911	0.886321	-1.12826	0.0800173	1.49608	1.49608	0.565108	0.886377	-1.12819	0.462299	0.856251	-1.16788	3.82209	2.60386	0.605571	1
cg17980625	2.84E-07	38.2164	38.2164	0.0301876	0.541193	-1.84777	0.00789997	0.440116	-2.27213	4.03E-06	13.1674	13.1674	48.8767	44.9155	0.81685	1
cg13037275	2.11E-05	24.2369	24.2369	0.0605511	0.455157	-2.19704	0.119376	0.533326	-1.87503	5.84E-06	44.2249	44.2249	25.1344	55.075	1.94775	1
cg03680032	1.15E-05	28.7348	28.7348	0.23553	0.638344	-1.56655	0.154758	0.577012	-1.73307	6.17E-05	14.407	14.407	20.5805	42.4946	1.83538	1
cg08881680	0.000146831	37.4387	37.4387	0.00215507	0.091672	-10.9085	0.0187486	0.205988	-4.85465	0.00119619	13.9236	13.9236	16.0688	78.3078	4.3318	1
cg21502154	0.0134531	0.610937	-1.63683	0.689337	0.93734	-1.06685	0.681561	0.935719	-1.0687	0.0937542	1.34552	1.34552	10.0739	4.13731	0.365065	1
cg14953580	0.37842	0.924249	-1.08196	0.163653	1.13835	1.13835	0.00582213	0.729944	-1.36997	0.438197	1.07136	1.07136	6.37187	0.7668	0.10697	1
cg04065909	0.0163321	2.22752	2.22752	0.0213775	2.12624	2.12624	0.0590845	0.559105	-1.78857	0.00241068	3.1675	3.1675	5.47647	6.4544	1.04762	1
cg18259092	0.0979279	1.70608	1.70608	0.142076	0.628504	-1.59108	0.00576138	2.89981	2.89981	0.647431	0.873293	-1.14509	4.12992	5.66273	1.2188	1
cg15846643	0.623355	1.07435	1.07435	0.0234873	1.48002	1.48002	0.073433	1.33533	1.33533	0.0259669	1.46657	1.46657	3.75626	1.24871	0.295498	1
cg18814227	0.562027	0.86191	-1.16021	0.000183527	0.201357	-4.96631	0.206657	0.713477	-1.40159	0.0245613	0.507218	-1.97154	6.77695	6.89624	0.904536	1
cg01231381	0.692793	0.900901	-1.11	0.0128042	2.25376	2.25376	0.763275	1.08262	1.08262	0.0172615	0.466563	-2.14333	5.85608	6.40655	0.972445	1
cg21158027	0.839069	0.974854	-1.02579	0.00164609	0.568707	-1.75837	0.0659234	0.772279	-1.29487	0.355262	1.12648	1.12648	4.06732	1.01046	0.22083	1
cg02393092	0.198539	0.803793	-1.2441	7.10E-06	0.202774	-4.93161	0.0599079	0.710899	-1.40667	0.888353	1.02284	1.02284	18.3711	7.51809	0.363765	1
cg11628487	0.448754	1.12353	1.12353	0.0891482	0.753623	-1.32692	6.57E-07	7.74907	7.74907	0.217598	1.21618	1.21618	27.3582	9.86492	0.320519	1
cg17701168	0.00910212	0.365793	-2.73378	0.579389	0.843735	-1.18521	0.000462837	0.187878	-5.3226	0.00349419	0.300426	-3.32861	9.12127	13.3055	1.29665	1
cg13827677	0.831253	1.11505	1.11505	0.0167373	4.4382	4.4382	0.00438532	6.96926	6.96926	0.15574	2.17075	2.17075	6.28659	25.9283	3.66611	1
cg00801360	0.164215	1.31287	1.31287	0.0593249	1.47763	1.47763	0.143579	0.749589	-1.33407	0.477341	0.875896	-1.14169	5.39892	2.87617	0.473539	1
cg02717618	?	?	?	1.34E-05	4.22162	4.22162	3.29E-05	3.15715	3.15715	8.41E-05	2.47656	2.47656	576.881	15.6005	0.0216343	1
cg13016411	0.0130455	0.472357	-2.11704	0.227394	0.734475	-1.36152	0.507396	0.848925	-1.17796	0.00113909	0.31181	-3.20708	7.71038	7.24224	0.834919	1
cg05672074	0.0473601	0.612705	-1.63211	0.00518497	2.21825	2.21825	0.0794455	1.52252	1.52252	0.386106	1.21148	1.21148	4.48306	3.31026	0.65635	1
cg24776880	0.920182	0.961629	-1.0399	0.109461	0.50598	-1.97636	0.538004	0.783946	-1.2756	0.123766	0.52166	-1.91696	3.40074	8.20767	2.14533	1
cg05154615	?	?	?	0.147909	0.443474	-2.25493	0.307247	1.73956	1.73956	0.0994797	2.57485	2.57485	5.54567	16.0653	3.86254	1
cg23576842	0.00590361	0.286365	-3.49205	0.547066	1.2356	1.2356	0.907497	1.04118	1.04118	0.48681	1.278	1.278	4.39303	8.38612	1.69685	1
cg07505159	0.757476	1.05054	1.05054	0.00381704	1.86057	1.86057	0.412513	1.14266	1.14266	0.328875	0.851802	-1.17398	4.28348	1.7188	0.356677	1
cg27378216	0.477428	0.655097	-1.52649	0.115479	0.367153	-2.72366	0.88487	0.91866	-1.08854	0.0711574	0.307198	-3.25523	3.9251	21.3144	4.82693	1
cg07015525	0.43584	0.728767	-1.37218	0.072681	0.450703	-2.21876	0.0839905	0.467214	-2.14034	0.310801	1.51795	1.51795	3.69517	9.26985	2.2299	1
cg06150299	0.0319586	0.53984	-1.8524	0.144144	0.680546	-1.46941	0.219852	1.37224	1.37224	0.310179	0.77292	-1.29379	14.1413	13.4749	0.847001	1
cg04033451	0.000386007	0.443776	-2.25339	0.282131	0.851844	-1.17392	0.000368976	2.26592	2.26592	0.0832171	1.31672	1.31672	12.0039	3.91314	0.289767	1
cg14141984	0.013958	1.30432	1.30432	3.96E-05	1.98929	1.98929	0.053199	1.21191	1.21191	0.68045	1.0369	1.0369	10.0551	1.21929	0.107788	1
cg10020520	0.000435665	0.434949	-2.29912	0.00516285	1.73834	1.73834	0.415279	1.13279	1.13279	0.00196431	0.519358	-1.92546	8.69493	3.08741	0.315628	1
cg05135033	0.524318	1.11116	1.11116	0.00100842	0.450624	-2.21914	0.203122	0.80295	-1.24541	0.200019	0.801599	-1.24751	6.9346	2.93076	0.37567	1
cg06892815	0.95727	0.991669	-1.0084	0.00662428	1.73376	1.73376	0.9236	1.01509	1.01509	0.00151688	0.490101	-2.0404	6.33728	2.4468	0.343197	1
cg06403422	0.0028548	1.54633	1.54633	0.780308	1.03013	1.03013	0.148003	0.848079	-1.17914	0.0181148	0.737317	-1.35627	6.17725	1.10297	0.158714	1
cg01070095	0.0138989	0.177652	-5.629	0.00336218	0.103486	-9.66314	0.0133451	0.175032	-5.71324	0.0718798	0.319033	-3.13447	5.82685	29.8334	4.55109	1
cg10450635	0.0012551	0.284877	-3.51028	0.00224523	0.319727	-3.12766	0.154737	1.50075	1.50075	0.0982888	0.616734	-1.62144	5.81996	6.54896	1.00023	1
cg10226628	0.0237945	0.350492	-2.85313	0.00300038	0.205651	-4.86261	0.534689	0.783219	-1.27678	0.0657548	0.44825	-2.2309	5.12772	12.2641	2.12597	1
cg05102288	0.0855172	1.73026	1.73026	0.132513	1.59716	1.59716	0.0204586	2.23817	2.23817	0.0751465	1.7711	1.7711	4.57505	6.02892	1.17136	1
cg04961397	0.0926728	0.668623	-1.49561	0.00580537	2.19474	2.19474	0.311964	0.796476	-1.25553	0.593992	0.889538	-1.12418	3.54041	2.65387	0.666306	1
cg03087852	0.441867	0.862894	-1.15889	0.000575429	0.36715	-2.72368	0.0335019	0.62682	-1.59535	0.251552	0.798311	-1.25264	7.44738	4.17087	0.497818	1
cg09957712	1.42E-05	0.263461	-3.79563	0.000431587	0.439917	-2.27315	0.000250319	0.41027	-2.43742	0.00328341	0.553869	-1.80548	37.4113	12.8872	0.306199	1
cg14917044	0.000358641	0.280907	-3.5599	9.72E-05	0.215113	-4.64871	0.997479	1.0007	1.0007	0.000353852	0.280187	-3.56905	15.7703	12.282	0.69227	1
cg13987226	2.73E-05	0.182503	-5.47935	0.000238451	0.286201	-3.49404	0.585286	0.892885	-1.11996	0.0503444	0.632119	-1.58198	14.8436	9.9386	0.595161	1
cg05087127	0.137001	0.906603	-1.10302	0.293966	0.935539	-1.0689	0.0226918	0.846225	-1.18172	0.805114	1.01525	1.01525	13.274	0.787711	0.0527487	1
cg10331528	9.84E-05	0.479174	-2.08693	0.13628	0.843048	-1.18617	0.133096	0.841686	-1.18809	0.12751	0.839228	-1.19157	12.5374	2.24625	0.159257	1
cg02344636	0.0587237	0.510933	-1.9572	0.00283859	0.274617	-3.64144	0.814406	0.928712	-1.07676	0.108448	0.57654	-1.73448	11.5177	18.0429	1.39248	1
cg14787758	0.0392734	0.659843	-1.51551	0.00188658	2.15525	2.15525	0.000963733	2.35556	2.35556	0.0561869	1.45788	1.45788	10.3017	4.9577	0.42778	1
cg04523690	0.300441	0.886484	-1.12805	0.000164008	0.485918	-2.05796	0.00346842	1.56134	1.56134	0.550615	1.07016	1.07016	9.53419	1.90411	0.177523	1
cg13868565	0.19511	0.819142	-1.22079	0.869812	0.976404	-1.02417	0.0378369	1.41989	1.41989	0.786976	0.961335	-1.04022	8.84576	2.96908	0.298356	1
cg11055242	0.00109516	0.437304	-2.28674	0.00181391	0.466911	-2.14173	0.189247	1.26981	1.26981	0.321622	0.838727	-1.19228	7.88148	3.68244	0.415313	1
cg16731429	0.0049118	0.276894	-3.61148	0.000142089	0.104246	-9.59271	0.985885	1.00611	1.00611	0.934754	0.972182	-1.02861	7.15885	13.4611	1.67142	1
cg15120882	0.18106	0.741936	-1.34783	0.00656409	0.476097	-2.10041	0.0166257	1.84919	1.84919	0.747195	1.07035	1.07035	5.82382	4.07549	0.622041	1
cg04255937	0.686653	1.09745	1.09745	0.00130146	2.92671	2.92671	0.808713	1.05719	1.05719	0.152602	0.703769	-1.42092	5.34828	4.45368	0.740206	1
cg09187936	0.0599788	1.71547	1.71547	0.342744	1.28223	1.28223	0.236946	1.37044	1.37044	0.254877	0.739086	-1.35302	4.78106	4.89784	0.9106	1
cg18618936	0.46475	0.885082	-1.12984	0.695931	0.937591	-1.06656	0.618193	0.920864	-1.08594	0.0711026	0.718355	-1.39207	3.74355	1.59608	0.378981	1
cg25196283	0.0412213	0.409823	-2.44008	0.292761	0.661373	-1.51201	0.722887	1.14438	1.14438	0.706839	0.866651	-1.15387	3.72803	8.4716	2.01992	1
cg06862343	0.270412	1.17118	1.17118	0.257087	1.17688	1.17688	0.789482	0.963824	-1.03753	0.312036	0.865883	-1.15489	3.62017	1.0871	0.266924	1
cg15883094	0.0616523	0.644837	-1.55078	0.776859	1.06102	1.06102	0.335277	1.23013	1.23013	0.564531	0.885677	-1.12908	3.42342	2.35577	0.611673	1
cg11343534	0.00173723	0.717735	-1.39327	0.00129109	0.70594	-1.41655	0.113976	1.1362	1.1362	0.908848	1.00854	1.00854	14.6555	1.27993	0.0776306	1
cg12557235	0.988511	1.00587	1.00587	0.0172533	0.307545	-3.25156	0.13512	1.92455	1.92455	0.595277	1.24348	1.24348	12.994	33.9996	2.32583	1
cg10605791	0.731606	0.9544	-1.04778	0.100569	1.27614	1.27614	0.0141558	1.50739	1.50739	0.00627816	1.62037	1.62037	6.62021	1.92676	0.258704	1
cg05971911	0.0326425	0.721602	-1.38581	2.70E-07	0.137209	-7.28816	0.389107	0.891201	-1.12208	0.0012089	0.538728	-1.85623	51.5173	13.8965	0.239773	1
cg23007535	0.363029	0.818186	-1.22222	1.52E-06	0.0734749	-13.6101	0.48504	1.1645	1.1645	0.0641562	1.56284	1.56284	29.9903	21.8844	0.648637	1
cg05262631	0.000143284	0.394164	-2.53702	0.0343802	0.704298	-1.41985	0.586392	1.08116	1.08116	0.000485993	0.459889	-2.17444	24.9424	7.97102	0.284068	1
cg07757460	0.000416843	0.263046	-3.80161	2.07E-05	0.128678	-7.77136	0.955347	1.01345	1.01345	0.000723804	0.293237	-3.41021	24.3146	21.919	0.801311	1
cg24359926	0.00137633	0.279533	-3.5774	0.00250623	0.315645	-3.16812	0.375636	0.779006	-1.28369	0.333531	0.760362	-1.31516	12.848	15.3503	1.06201	1
cg20788199	0.0638556	1.36081	1.36081	0.255746	1.19181	1.19181	0.554084	0.91529	-1.09255	0.081995	0.752006	-1.32978	9.74456	3.37582	0.307939	1
cg21631878	0.00551699	0.734074	-1.36226	0.0264223	0.80005	-1.24992	0.512259	0.945228	-1.05795	0.234273	1.11146	1.11146	7.50377	0.85362	0.101119	1
cg09840736	0.282213	0.926975	-1.07878	0.00967474	0.800797	-1.24876	0.234623	0.918937	-1.08821	0.241133	1.08683	1.08683	7.48084	0.545543	0.0648225	1
cg22885052	0.0606168	2.00498	2.00498	0.181653	1.59399	1.59399	0.000471822	6.08788	6.08788	0.116883	1.75096	1.75096	5.67756	9.72321	1.52228	1
cg27129171	0.104146	0.669378	-1.49392	0.595433	1.12871	1.12871	0.0448095	1.68261	1.68261	0.107806	0.672693	-1.48656	5.29519	4.2808	0.718606	1
cg14705919	0.00141721	0.196661	-5.0849	0.0220251	0.380195	-2.63023	0.022054	0.380306	-2.62946	0.3168	0.694619	-1.43964	5.28292	10.3735	1.74541	1
cg01702820	0.349558	0.74904	-1.33504	0.47811	1.24111	1.24111	0.955735	1.01672	1.01672	0.0269062	2.23521	2.23521	5.90615	7.26503	1.07632	1
cg24776019	0.877655	0.970316	-1.03059	0.0291862	1.65319	1.65319	0.0422654	0.632795	-1.58029	0.119183	0.718359	-1.39206	5.04141	3.05505	0.538659	1
cg19711613	0.691098	0.825691	-1.21111	0.692127	0.826252	-1.21028	0.846456	1.09743	1.09743	0.0235913	0.273526	-3.65596	3.71709	13.5382	3.23747	1
cg06066568	0.00520098	0.403096	-2.4808	0.00203963	0.342584	-2.91899	0.21043	1.38423	1.38423	0.541628	1.16442	1.16442	7.09556	6.82155	0.854563	1
cg00763768	?	?	?	?	?	?	3.09E-05	0.258327	-3.87107	0.00371374	1.84191	1.84191	37.6328	8.55938	0.265352	1
cg11832221	7.37E-05	0.344773	-2.90046	0.00087263	2.09149	2.09149	0.820509	1.03415	1.03415	0.797853	1.03866	1.03866	14.3491	4.96303	0.307447	1
cg05602615	0.220142	0.846201	-1.18175	0.000624002	0.505795	-1.97708	0.37147	1.12622	1.12622	0.999887	0.999982	-1.00002	4.69971	1.24893	0.236219	1
cg13049261	0.0294175	0.429092	-2.3305	0.000194925	0.126527	-7.90345	0.120772	0.574063	-1.74197	0.00466822	0.28916	-3.45829	9.95063	17.1469	1.53173	1
cg02893779	0.0875417	1.34398	1.34398	0.0932848	1.3356	1.3356	0.344997	1.1647	1.1647	0.6182	0.924261	-1.08195	8.86115	3.44818	0.345898	1
cg13671754	0.65169	1.06993	1.06993	0.000631424	2.18434	2.18434	0.703937	1.05844	1.05844	0.930364	0.987083	-1.01309	5.02889	1.76234	0.311505	1
cg14232552	0.684936	1.14123	1.14123	0.0110393	0.356163	-2.8077	0.100684	0.558613	-1.79015	0.723523	0.891341	-1.12191	4.32899	7.19074	1.4765	1
cg24180006	0.768421	1.13129	1.13129	0.498204	1.33282	1.33282	0.304849	1.55886	1.55886	0.554749	1.28354	1.28354	3.90843	10.8058	2.45755	1
cg04556432	0.960423	0.992587	-1.00747	0.0316903	0.685466	-1.45886	0.309274	1.17091	1.17091	0.938557	1.01163	1.01163	3.89072	1.38549	0.316534	1
cg23376085	0.205114	1.53184	1.53184	0.00693347	3.04818	3.04818	0.0517927	2.02586	2.02586	0.0274957	2.29723	2.29723	3.75253	6.04759	1.43254	1
cg04576405	0.287086	0.758658	-1.31812	0.705439	0.909475	-1.09954	0.273503	1.32943	1.32943	0.98873	1.00354	1.00354	4.39751	4.34854	0.87899	1
cg10457735	0.0521683	1.67607	1.67607	0.743761	1.07971	1.07971	0.334122	1.26229	1.26229	0.491852	0.849387	-1.17732	3.55699	3.08004	0.7697	1
cg24969685	2.66E-06	0.297945	-3.35633	5.81E-06	0.335518	-2.98046	0.145264	0.845759	-1.18237	5.85E-05	0.45054	-2.21956	62.0139	11.2677	0.161508	1
cg21911305	0.810551	1.04771	1.04771	4.43E-06	0.128582	-7.77715	0.365154	0.83479	-1.19791	0.000127568	0.274349	-3.64499	22.1421	13.2069	0.530186	1
cg00045303	0.169137	0.78466	-1.27444	0.2156	0.80593	-1.2408	0.722255	0.942629	-1.06086	0.0560676	1.43079	1.43079	6.11664	2.65481	0.385805	1
cg20899266	0.20474	1.476	1.476	0.162279	1.54358	1.54358	0.677273	1.1295	1.1295	0.54827	0.837988	-1.19333	5.30554	7.11322	1.19175	1
cg06798480	0.0899026	1.69738	1.69738	0.0203454	2.20672	2.20672	0.0705582	0.564405	-1.77178	0.000122153	0.149855	-6.6731	12.016	13.551	1.12775	1
cg04398603	0.558703	0.827394	-1.20861	0.0180908	2.50889	2.50889	0.305798	0.711957	-1.40458	0.706508	1.12885	1.12885	7.2828	11.841	1.44523	1
cg03549244	0.00532961	0.715774	-1.39709	0.100924	0.849048	-1.17779	0.206776	0.885785	-1.12894	0.0302042	1.26129	1.26129	6.57894	0.864482	0.116801	1
cg13216995	0.726644	0.941504	-1.06213	0.000139692	0.323128	-3.09475	0.305976	0.833575	-1.19965	0.339236	0.844366	-1.18432	5.85507	2.73507	0.415225	1
cg01472538	0.177302	0.637336	-1.56903	0.000250338	0.149894	-6.67139	0.000743736	0.200178	-4.99555	0.0231965	0.426311	-2.34571	8.76435	13.6994	1.38941	1
cg26666090	0.0105871	0.673945	-1.4838	0.000311762	0.487871	-2.04972	0.067311	1.28615	1.28615	0.0367863	0.742499	-1.3468	6.53919	1.56024	0.212088	1
cg09856590	0.0208652	0.400009	-2.49995	0.488409	0.792994	-1.26104	0.223414	1.52428	1.52428	0.19062	0.633382	-1.57883	5.24929	9.02734	1.52865	1
cg09132913	0.279364	0.591299	-1.69119	0.250555	0.570677	-1.75231	0.181525	0.515489	-1.93991	0.818568	1.11332	1.11332	4.80504	16.611	3.07288	1
cg05502081	0.545441	1.0774	1.0774	0.0488055	0.760229	-1.31539	0.19643	1.18106	1.18106	0.545081	1.07747	1.07747	4.63725	1.09017	0.208968	1
cg00810133	0.164234	0.862072	-1.16	0.599051	0.948329	-1.05449	0.0847704	0.826445	-1.21	0.346514	1.10179	1.10179	3.56739	0.564983	0.140777	1
cg14201545	0.0156147	1.43949	1.43949	0.00506629	1.57673	1.57673	0.0959065	0.798745	-1.25196	0.00470374	0.630278	-1.5866	26.4063	6.31509	0.212578	1
cg16720495	0.263844	0.918382	-1.08887	3.74E-05	0.560445	-1.7843	0.186497	1.10779	1.10779	0.00780736	1.28356	1.28356	13.2213	1.11893	0.0752272	1
cg01641771	0.3337	1.13106	1.13106	0.779458	1.03528	1.03528	0.315704	0.879739	-1.1367	0.00574606	1.56382	1.56382	9.73883	2.35298	0.214763	1
cg22633932	0.333618	1.25713	1.25713	0.135253	1.44693	1.44693	0.00125305	2.94834	2.94834	0.138481	1.4419	1.4419	4.20331	3.50502	0.741218	1
cg21198300	0.0550021	2.31531	2.31531	0.870084	0.938796	-1.06519	0.260093	1.57343	1.57343	0.58458	0.80814	-1.23741	3.73218	8.80006	2.0959	1
cg24173551	0.0589886	1.19231	1.19231	0.00445843	0.731335	-1.36736	0.0297479	1.23492	1.23492	3.28E-05	0.513992	-1.94555	21.4945	2.31621	0.0957847	1
cg11015188	0.000835575	3.48455	3.48455	0.657543	0.895133	-1.11715	0.000121955	0.189079	-5.2888	0.138909	1.48517	1.48517	11.6508	11.3769	0.867993	1
cg01013737	0.686941	1.0668	1.0668	1.58E-05	0.241034	-4.14879	0.23242	1.22124	1.22124	0.668352	1.07121	1.07121	10.7214	4.3255	0.358618	1
cg13672514	0.0918027	0.765888	-1.30567	0.00528434	0.589583	-1.69611	0.0648781	0.742378	-1.34702	0.488746	1.10634	1.10634	10.3986	3.40034	0.290667	1
cg08059189	0.840154	0.984142	-1.01611	0.279816	0.914909	-1.093	0.000430747	1.64348	1.64348	0.695023	1.03168	1.03168	9.37596	0.930383	0.088205	1
cg12776699	0.00363076	1.68479	1.68479	0.00213732	0.564528	-1.77139	0.00459393	1.64878	1.64878	0.136713	1.23676	1.23676	9.28159	2.58248	0.247322	1
cg15772797	0.691475	0.908288	-1.10097	0.00024114	0.2311	-4.32713	0.997374	1.00079	1.00079	0.920019	0.976071	-1.02452	5.42673	4.99833	0.818716	1
cg03822159	0.98769	1.00335	1.00335	0.0272066	1.76244	1.76244	0.796271	0.945452	-1.05769	0.832697	1.04693	1.04693	5.41956	4.03447	0.661714	1
cg01964765	0.0157454	1.22331	1.22331	0.0314027	1.1876	1.1876	0.36094	0.938036	-1.06606	0.024195	1.20087	1.20087	5.33843	0.392235	0.06531	1
cg18041815	0.0835245	2.36197	2.36197	0.158005	1.96852	1.96852	0.0148271	3.83837	3.83837	0.049364	2.73586	2.73586	5.32377	16.9759	2.83439	1
cg05677062	0.0535827	2.08539	2.08539	0.0907886	0.535431	-1.86765	0.290016	1.44512	1.44512	0.353925	1.37681	1.37681	5.24618	9.33985	1.5825	1
cg04212568	0.112081	0.794603	-1.25849	0.89133	1.01833	1.01833	0.614096	1.0699	1.0699	0.803826	0.967468	-1.03363	4.66285	1.30407	0.248598	1
cg06128612	0.0188077	0.58305	-1.71512	0.0921935	0.703756	-1.42095	0.222672	0.784357	-1.27493	0.81129	1.04638	1.04638	4.61541	2.62611	0.505766	1
cg18714585	0.554707	0.954093	-1.04812	0.4025	1.06971	1.06971	0.0484174	1.19405	1.19405	0.0907969	1.15781	1.15781	4.02708	0.394516	0.0870807	1
cg15151059	0.278705	0.708436	-1.41156	0.213831	0.669936	-1.49268	0.102793	1.72679	1.72679	0.0338049	0.468385	-2.135	5.41965	8.03931	1.31855	1
cg10444928	0.952017	0.986256	-1.01394	0.355259	1.24446	1.24446	0.256732	0.761672	-1.3129	0.0889585	0.649574	-1.53947	7.43044	6.22427	0.744597	1
cg26820223	0.84345	0.956051	-1.04597	0.000137186	0.223314	-4.478	0.125738	0.686171	-1.45736	0.365493	0.809486	-1.23535	7.13638	5.84009	0.727426	1
cg17899625	0.263334	0.860344	-1.16233	0.000663355	0.510487	-1.95891	0.83663	1.02699	1.02699	0.0066262	1.57558	1.57558	6.73406	1.77476	0.234267	1
cg15448220	0.301223	0.641975	-1.55769	0.00429415	4.85598	4.85598	0.0182911	3.27065	3.27065	0.214424	1.71739	1.71739	6.18208	16.7627	2.41022	1
cg10961700	0.814299	0.907509	-1.10192	0.0320391	0.354857	-2.81804	0.316392	0.652302	-1.53303	0.765943	0.884142	-1.13104	4.14809	11.1774	2.39518	1
cg05754322	0.564349	0.852305	-1.17329	0.00694148	0.383651	-2.60654	0.071355	0.575608	-1.73729	0.0187865	0.458041	-2.18321	4.02815	4.79857	1.0589	1
cg18656860	0.51712	1.34098	1.34098	0.00107125	0.115456	-8.66131	0.70484	0.843662	-1.18531	0.973895	1.01472	1.01472	7.57845	23.9519	2.80936	1
cg23036613	0.921304	0.974794	-1.02586	0.353762	0.781536	-1.27953	0.0102923	0.433721	-2.30563	0.228534	0.721441	-1.38611	5.67623	6.00047	0.939666	1
cg02355033	0.204692	0.528553	-1.89196	0.480133	0.71037	-1.40772	0.916347	0.951175	-1.05133	0.0562948	0.357088	-2.80043	4.02889	14.4838	3.19555	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13516508	SETDB2;SETDB2	0.0416154	0.0454232	0.332465	-3.00784	0.0692712	0.37706	-2.6521	0.177614	0.502799	-1.98886	0.107564	0.430491	-2.32293	0.00654637	0.183563	-5.44772	0.658811	1.2377	1.2377	0.925211	0.955941	-1.04609	0.393621	0.657471	-1.52098	0.00685442	0.186294	-5.36786	3.62968	13.2395	3.24228	1
cg03983865	SETDB2;SETDB2;CAB39L	0.0361597	0.483513	0.933194	-1.07159	0.00773477	1.39402	1.39402	0.247011	1.12472	1.12472	0.10955	0.844168	-1.1846	0.718772	1.03574	1.03574	0.391992	1.08889	1.08889	0.952307	1.00582	1.00582	0.553333	0.943438	-1.05995	0.0053304	1.42826	1.42826	3.82168	0.570665	0.132732	1
cg01560119	SETDB2;SETDB2;SETDB2	0.00829661	0.114326	0.764385	-1.30824	0.0459372	0.699162	-1.43028	0.0122	0.613517	-1.62995	0.30306	0.846299	-1.18162	0.897987	0.980135	-1.02027	0.0406489	1.44738	1.44738	0.0104277	1.65612	1.65612	0.0186876	0.640257	-1.56187	0.0166676	0.633022	-1.57972	6.2718	2.4308	0.344513	1
cg15384599	SETMAR;SETMAR	6.04E-06	0.0214745	0.788451	-1.26831	1.16E-05	2.22533	2.22533	1.29E-06	2.91398	2.91398	0.000938284	0.653965	-1.52913	0.377842	0.925099	-1.08097	0.028418	0.800469	-1.24927	0.000207873	0.58614	-1.70608	0.000372481	0.612708	-1.6321	0.564158	1.05144	1.05144	46.2216	5.41942	0.104221	1
cg23182840	SETMAR;SETMAR	1.09E-05	0.860533	0.955339	-1.04675	0.00144243	0.302255	-3.30846	0.0246886	0.499121	-2.00352	0.241154	1.37544	1.37544	2.48E-06	0.0515867	-19.3848	1.82E-06	0.0456207	-21.9199	0.149045	1.49483	1.49483	0.00808974	0.414323	-2.41358	1.89E-05	0.104372	-9.58108	39.6481	42.3842	0.950232	1
cg14961031	SETMAR;SETMAR	0.000525438	0.211709	0.849812	-1.17673	0.0249428	1.39106	1.39106	0.211018	0.84958	-1.17705	0.751045	0.961393	-1.04016	3.74E-05	0.37537	-2.66404	0.000507726	0.510734	-1.95797	0.000796696	0.534425	-1.87117	0.119747	0.811551	-1.23221	0.112797	0.80774	-1.23802	14.095	3.41572	0.215409	1
cg23549342	SETMAR;SETMAR	0.000773323	0.058593	0.658425	-1.51878	0.998968	0.999747	-1.00025	0.11695	0.716681	-1.39532	0.0107803	1.87112	1.87112	0.048207	0.643002	-1.5552	0.00948996	0.525813	-1.90182	4.59E-05	0.221798	-4.50862	0.000969044	0.382689	-2.61308	0.225386	0.779548	-1.28279	12.6522	7.66628	0.538599	1
cg22877212	SETMAR;SETMAR	0.00141409	0.00277085	0.23315	-4.28908	0.0524131	0.45917	-2.17784	0.349217	0.711744	-1.405	0.869749	1.05962	1.05962	0.00490581	0.268389	-3.72593	0.498634	1.27428	1.27428	4.20E-05	0.0638893	-15.6521	0.921891	1.03521	1.03521	0.0343018	0.418411	-2.39	10.6588	21.0186	1.75284	1
cg26797270	SETMAR;SETMAR	0.00159083	0.841933	0.970144	-1.03078	0.882204	1.02276	1.02276	0.130697	0.780543	-1.28116	0.552039	1.09564	1.09564	1.88E-05	0.266688	-3.7497	0.160209	0.796307	-1.2558	0.61469	1.0801	1.0801	0.181201	1.24047	1.24047	0.357699	0.866242	-1.15441	10.3035	3.76068	0.324436	1
cg07733260	SETMAR;SETMAR	0.00768925	0.00554955	0.592723	-1.68713	0.0030226	1.79222	1.79222	0.600183	0.926894	-1.07887	0.125101	1.26909	1.26909	0.0495487	0.724961	-1.37938	0.0303587	1.44105	1.44105	0.0993255	1.29606	1.29606	0.415368	0.887362	-1.12694	0.383722	0.879668	-1.13679	6.42362	2.09624	0.290074	1
cg14751177	SETMAR;SETMAR	0.0121266	0.111828	0.732988	-1.36428	0.417784	1.16014	1.16014	0.0462543	1.50624	1.50624	0.0547699	0.676519	-1.47815	0.433363	0.866394	-1.15421	0.31248	0.829092	-1.20614	0.000572962	0.384241	-2.60253	0.28971	1.21791	1.21791	0.833794	0.963007	-1.03841	5.55454	2.83094	0.453033	1
cg21901604	SETMAR;SETMAR	0.040962	0.0168497	0.301549	-3.31621	0.688002	1.18052	1.18052	0.10988	0.488477	-2.04718	0.214187	0.584122	-1.71197	0.0388061	0.373969	-2.67402	?	?	?	0.0217293	0.322185	-3.10381	0.0824822	0.453515	-2.205	0.014605	0.290445	-3.44299	3.70799	8.82277	2.37939	1
cg15232450	SETMAR;SETMAR	0.0474963	0.0133601	0.634581	-1.57584	0.18303	1.23328	1.23328	0.619772	1.07706	1.07706	0.0577113	0.727253	-1.37504	0.0266468	0.677157	-1.47676	0.169825	0.804925	-1.24235	0.544487	0.912988	-1.0953	0.0273202	0.678729	-1.47334	0.956537	1.00812	1.00812	3.4547	1.20509	0.310067	1
cg12085225	SETX	0.00281218	0.00318117	0.505854	-1.97686	0.666866	0.929358	-1.07601	0.577717	1.09982	1.09982	0.000437587	0.390634	-2.55994	0.0433347	0.674934	-1.48163	0.0227575	0.630558	-1.5859	0.00060033	0.408386	-2.44866	0.890886	0.977047	-1.02349	0.994195	0.99877	-1.00123	8.72376	3.95419	0.402903	1
cg12766815	SETX	0.00884045	0.0020672	0.349656	-2.85995	0.728044	0.918918	-1.08824	0.589115	1.14121	1.14121	0.954707	1.01385	1.01385	0.316914	0.778325	-1.28481	0.163893	0.697793	-1.43309	0.00125773	3.12901	3.12901	0.517105	0.852915	-1.17245	0.211548	1.37548	1.37548	6.14714	5.71222	0.825999	1
cg13531462	SETX	0.0157637	0.0125643	0.530432	-1.88526	0.142179	1.38033	1.38033	0.120378	0.708832	-1.41077	0.108099	0.698998	-1.43062	0.00187944	0.406391	-2.46068	0.0168766	0.551311	-1.81386	0.040369	0.616496	-1.62207	0.920394	0.979788	-1.02063	0.36937	0.828351	-1.20722	5.09614	3.36785	0.587434	1
cg14336879	SEZ6;SEZ6	0.000701402	2.72E-05	0.313499	-3.1898	0.459602	1.11129	1.11129	0.11214	1.27433	1.27433	0.442967	0.896174	-1.11586	0.0827302	0.76393	-1.30902	0.00134395	0.520538	-1.92109	0.565387	0.92179	-1.08485	0.375188	1.13604	1.13604	0.0384957	1.39932	1.39932	13.0036	4.0447	0.276483	1
cg04971534	SEZ6;SEZ6	0.001311	0.0375878	1.34322	1.34322	0.00175727	0.579689	-1.72506	0.000653504	0.527789	-1.8947	0.409393	0.901945	-1.10872	0.22521	0.855726	-1.1686	0.000624022	1.90342	1.90342	0.659413	0.947194	-1.05575	0.778009	1.03518	1.03518	0.288845	0.873997	-1.14417	10.8928	2.58119	0.210634	1
cg08834269	SEZ6;SEZ6	0.00447407	0.481767	0.961656	-1.03987	0.00266295	0.79676	-1.25508	0.00501405	1.2251	1.2251	0.111996	0.909704	-1.09926	0.00396312	1.23599	1.23599	0.110325	1.09983	1.09983	0.956784	0.997041	-1.00297	0.0419385	1.13677	1.13677	0.428462	0.956759	-1.0452	7.59102	0.359495	0.042096	1
cg16723002	SEZ6;SEZ6	0.00732122	0.00396517	0.675768	-1.4798	0.458577	1.07934	1.07934	0.0031454	0.664769	-1.50428	0.417059	0.919527	-1.08752	0.8903	0.986137	-1.01406	0.788981	1.02751	1.02751	0.00249124	1.5298	1.5298	0.911874	1.01126	1.01126	0.667736	0.957257	-1.04465	6.52308	1.05715	0.144056	1
cg08290013	SEZ6;SEZ6	0.00765269	0.00389544	0.219615	-4.55343	0.0723501	0.457436	-2.1861	0.00585018	0.24482	-4.08463	0.0288525	0.365984	-2.73236	0.0199193	0.334222	-2.99203	0.119963	0.517915	-1.93082	0.00368496	0.216325	-4.62268	0.00228514	0.189467	-5.27796	0.017966	0.325809	-3.06928	6.43323	15.4996	2.1416	1
cg22981628	SEZ6;SEZ6	0.0179914	0.73424	0.965091	-1.03617	0.046765	1.26794	1.26794	0.0295888	1.30616	1.30616	0.0341122	0.772717	-1.29414	0.664687	1.04653	1.04653	0.113696	0.835717	-1.19658	0.0056566	0.684819	-1.46024	0.151631	1.17373	1.17373	0.504302	1.07321	1.07321	4.87591	0.839689	0.153077	1
cg24778016	SEZ6;SEZ6	0.0200082	0.0271111	0.488775	-2.04593	0.113983	1.6008	1.6008	0.0561899	1.80716	1.80716	0.691897	1.11515	1.11515	0.00451618	0.355038	-2.8166	0.978048	1.00756	1.00756	0.147139	1.53066	1.53066	0.123635	1.57827	1.57827	0.223533	0.704733	-1.41898	4.70391	5.57823	1.05411	1
cg12188928	SEZ6;SEZ6	0.020725	0.571401	0.889647	-1.12404	0.0671622	0.657419	-1.5211	0.0378749	0.611281	-1.63591	0.106104	0.697112	-1.43449	0.413607	1.18634	1.18634	0.172703	1.34538	1.34538	0.00245006	2.36707	2.36707	0.609428	1.11109	1.11109	0.305795	0.805111	-1.24206	4.64789	3.07658	0.588383	1
cg04614997	SEZ6;SEZ6	0.0242403	0.937933	1.02084	1.02084	0.00128403	0.288573	-3.46533	0.739318	1.09245	1.09245	0.940065	0.980286	-1.02011	0.0138852	2.23644	2.23644	0.245631	1.37926	1.37926	0.490631	0.830774	-1.2037	0.857834	1.04862	1.04862	0.668841	0.892313	-1.12068	4.40417	4.89065	0.987075	1
cg00860225	SEZ6;SEZ6	0.0350256	0.830894	1.07489	1.07489	?	?	?	0.0107666	0.338908	-2.95065	0.516033	1.24906	1.24906	0.700862	0.877783	-1.13923	0.513604	1.25072	1.25072	0.00295102	0.25198	-3.96858	0.367068	0.731312	-1.36741	0.617249	1.18549	1.18549	3.92889	6.30804	1.60555	1
cg03940157	SEZ6;SEZ6	0.0369661	0.453605	1.15918	1.15918	0.878096	0.970738	-1.03014	0.298606	0.811831	-1.23178	0.297235	0.811315	-1.23257	0.986713	1.00323	1.00323	0.0133828	0.552815	-1.80892	0.00144868	0.410468	-2.43625	0.963182	1.00897	1.00897	0.999251	0.999818	-1.00018	3.79113	2.24791	0.527058	1
cg26307359	SEZ6;SEZ6	0.0383033	0.115908	1.19118	1.19118	0.139345	0.849703	-1.17688	0.683757	1.04282	1.04282	0.167876	1.16238	1.16238	0.00662983	0.697146	-1.43442	0.039886	0.784126	-1.27531	0.549265	1.064	1.064	0.811513	1.02476	1.02476	0.153028	1.1696	1.1696	3.74223	0.621183	0.147549	1
cg20480274	SEZ6;SEZ6	0.0449351	0.150482	0.481993	-2.07472	0.0109203	0.220264	-4.54	0.0314812	0.30281	-3.3024	0.265653	0.57735	-1.73205	0.0917477	0.415115	-2.40897	0.122512	0.452716	-2.20889	0.00758284	0.196646	-5.08529	0.0192061	0.261434	-3.82506	0.288554	0.593485	-1.68496	3.52743	12.5284	3.15708	1
cg25468723	SEZ6L	0.000731338	0.00277305	0.828991	-1.20629	0.865905	0.992347	-1.00771	0.216182	1.06095	1.06095	0.00162557	0.814434	-1.22785	0.093014	1.08763	1.08763	0.576795	1.02596	1.02596	0.000125467	1.35482	1.35482	0.383839	1.04142	1.04142	0.00827254	1.16589	1.16589	12.8521	0.420572	0.0290879	1
cg16605942	SEZ6L	0.0438645	0.987984	1.00345	1.00345	0.0842898	0.64593	-1.54816	0.560079	1.14437	1.14437	0.503678	0.856154	-1.16801	0.17794	0.720647	-1.38764	0.0481204	0.596338	-1.6769	0.00173489	0.359751	-2.7797	0.065074	0.622489	-1.60645	0.523287	0.862394	-1.15956	3.55936	2.95246	0.737325	1
cg00489408	SEZ6L2;SEZ6L2;ASPHD1;SEZ6L2;SEZ6L2	0.00131823	0.750901	0.947833	-1.05504	0.147781	0.770099	-1.29853	0.170709	0.782384	-1.27814	0.0399911	0.67077	-1.49082	0.591297	1.09547	1.09547	0.0153378	0.606147	-1.64976	1.84E-05	0.230105	-4.34584	0.00977444	0.57718	-1.73256	0.499519	0.891091	-1.12222	10.8756	4.87445	0.3984	1
cg03899609	SEZ6L2;SEZ6L2;ASPHD1;SEZ6L2;SEZ6L2	0.049534	0.00444978	0.553801	-1.8057	0.615193	0.924101	-1.08213	0.648114	1.07418	1.07418	0.392919	0.872581	-1.14602	0.184708	0.803247	-1.24495	0.84656	0.970279	-1.03063	0.00563553	0.567885	-1.76092	0.618831	1.08124	1.08124	0.693676	0.940212	-1.06359	3.40021	1.30612	0.341448	1
cg14989191	SEZ6L2;SEZ6L2;SEZ6L2;ASPHD1;SEZ6L2	0.00445271	0.751621	0.93495	-1.06958	0.0414608	1.64559	1.64559	0.00352165	2.31224	2.31224	0.0251585	1.75786	1.75786	0.704562	0.922474	-1.08404	0.000837449	0.344865	-2.89968	0.134935	0.710781	-1.4069	0.283846	0.789894	-1.26599	0.634965	0.903653	-1.10662	7.60204	5.40274	0.631729	1
cg23357257	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.000688773	0.162344	1.56183	1.56183	0.0198065	2.31846	2.31846	0.0638077	1.86401	1.86401	0.45391	1.2561	1.2561	0.000350956	0.179614	-5.5675	0.00598025	2.92686	2.92686	0.000407839	5.35758	5.35758	0.00443369	3.11074	3.11074	0.0128693	2.51711	2.51711	13.07	18.4913	1.25759	1
cg27267227	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.00118943	0.177325	2.19587	2.19587	0.000684157	17.2156	17.2156	0.25056	1.9322	1.9322	0.0181236	4.82754	4.82754	0.034355	0.25818	-3.87326	0.0133694	5.3705	5.3705	0.0148065	0.193014	-5.18096	0.000587993	18.42	18.42	0.0136379	5.33298	5.33298	11.2	53.3857	4.23695	1
cg05377576	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.00261659	0.069209	1.74323	1.74323	0.0179022	2.19596	2.19596	0.76234	0.920433	-1.08645	0.3193	0.754766	-1.32491	0.000524225	0.228179	-4.38253	0.225657	1.416	1.416	0.0104946	2.41193	2.41193	0.00357227	2.94165	2.94165	0.835798	1.05838	1.05838	8.91156	10.5472	1.05204	1
cg07300846	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.00510462	0.106756	2.53467	2.53467	0.267334	1.84097	1.84097	0.299293	1.76499	1.76499	0.141696	0.434086	-2.30369	0.415716	1.55169	1.55169	0.0400951	3.50027	3.50027	0.000389689	19.8162	19.8162	0.00141762	11.4637	11.4637	0.0277342	3.95172	3.95172	7.29232	32.215	3.92681	1
cg02741882	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.00851574	0.0412792	4.07909	4.07909	0.0250367	4.91418	4.91418	0.0776315	3.22616	3.22616	0.134772	2.61933	2.61933	0.00598761	0.117025	-8.54516	0.0406433	4.10265	4.10265	0.828128	1.13865	1.13865	0.00601193	8.53122	8.53122	0.0217438	5.18135	5.18135	6.22038	35.1365	5.02099	1
cg02556718	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.0091003	0.111646	1.39239	1.39239	0.0186873	0.580099	-1.72385	0.100245	0.708897	-1.41064	0.000316165	0.327979	-3.04898	0.101621	0.710063	-1.40833	0.637378	0.913282	-1.09495	0.174937	0.75909	-1.31737	0.555164	1.12078	1.12078	0.920614	0.981135	-1.01923	6.09091	3.5211	0.513858	1
cg05423567	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.010403	0.000211164	0.17338	-5.76767	0.255024	0.714499	-1.39958	0.65538	1.1355	1.1355	0.413557	1.26676	1.26676	0.829776	0.940913	-1.0628	0.758176	1.09129	1.09129	0.465283	1.23394	1.23394	0.372395	1.29571	1.29571	0.134167	1.57922	1.57922	5.83629	7.3968	1.12656	1
cg10532489	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.0221255	0.314221	2.09663	2.09663	0.0105567	9.85715	9.85715	0.0156162	8.23749	8.23749	0.495745	1.63559	1.63559	0.023463	0.145826	-6.85747	0.10721	3.49289	3.49289	0.145289	3.04177	3.04177	0.0225042	6.98666	6.98666	0.117677	3.34895	3.34895	4.54506	36.4218	7.1231	1
cg07160932	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.0400181	0.0476598	12.6823	12.6823	0.0281449	18.3187	18.3187	0.100802	7.50702	7.50702	0.223474	4.19773	4.19773	0.690962	0.638787	-1.56547	0.0765909	9.10863	9.10863	0.00577882	57.7435	57.7435	0.0182429	24.8785	24.8785	0.0761718	9.14371	9.14371	3.68252	73.3685	17.7097	1
cg05061107	SF1;SF1;SF1	0.0317227	0.365717	1.32453	1.32453	0.00480211	3.10106	3.10106	0.0102281	2.66203	2.66203	0.531552	1.21125	1.21125	0.363759	0.75407	-1.32614	0.66104	0.87508	-1.14275	0.862617	0.948968	-1.05378	0.0143728	2.49076	2.49076	0.931422	0.974306	-1.02637	4.00633	5.80334	1.28759	1
cg26527105	SF1;SF1;SF1	0.0362879	0.480588	1.38344	1.38344	0.0055362	5.20781	5.20781	0.00581233	5.13074	5.13074	0.106998	2.21782	2.21782	0.13312	0.480237	-2.08231	0.93337	1.03858	1.03858	0.835516	1.09869	1.09869	0.170831	1.93511	1.93511	0.654451	1.22622	1.22622	3.81677	12.3871	2.88483	1
cg22885062	SF1;SF1;SF1	0.0447417	0.509386	1.24607	1.24607	0.128986	1.7147	1.7147	0.0120947	2.79647	2.79647	0.291649	1.43283	1.43283	0.00638624	0.311446	-3.21083	0.472041	1.27181	1.27181	0.785058	1.09402	1.09402	0.441575	1.29425	1.29425	0.41968	1.31129	1.31129	3.53313	6.04559	1.52099	1
cg11295902	SF1;SF1;SF1;SF1	7.76E-05	0.0539272	0.559403	-1.78762	0.589788	1.15546	1.15546	0.00331721	2.89104	2.89104	0.361312	1.28289	1.28289	0.31789	0.760276	-1.31531	1.19E-06	0.0355965	-28.0927	0.361094	1.28305	1.28305	0.403012	1.25507	1.25507	0.349633	1.29123	1.29123	23.6899	26.4422	0.992163	1
cg23244455	SF1;SF1;SF1;SF1	9.06E-05	9.90E-05	1.69037	1.69037	0.00247673	0.726454	-1.37655	0.00345299	0.739606	-1.35207	0.215815	0.905783	-1.10402	0.000125072	0.601871	-1.66149	0.441869	0.942169	-1.06138	0.000226099	1.59337	1.59337	0.0111392	0.785281	-1.27343	0.749896	0.975998	-1.02459	22.7337	2.07771	0.0812386	1
cg14988347	SF1;SF1;SF1;SF1	0.00143965	?	?	?	0.000195362	6.70201	6.70201	0.0018765	3.81454	3.81454	0.0524851	0.511957	-1.95329	0.0913655	0.568624	-1.75863	0.128925	0.607604	-1.64581	0.605176	1.17158	1.17158	0.126367	1.65223	1.65223	0.141269	0.61855	-1.61668	10.8511	14.0845	1.29798	1
cg20979732	SF1;SF1;SF1;SF1	0.00208955	?	?	?	0.00465214	0.174125	-5.743	?	?	?	?	?	?	?	?	?	0.00174032	11.5843	11.5843	0.001599	12.4439	12.4439	0.0574097	1.98867	1.98867	?	?	?	83.4737	29.0852	0.261326	1
cg15065631	SF1;SF1;SF1;SF1;SF1;SF1;SF1;SF1	0.00088266	0.93252	0.968403	-1.03263	0.344326	1.44671	1.44671	0.947895	1.02509	1.02509	0.653156	1.18708	1.18708	0.999248	0.999643	-1.00036	8.44E-06	0.0252882	-39.5441	0.779473	1.11229	1.11229	0.821752	0.918009	-1.08931	0.480801	1.31218	1.31218	12.1895	27.7477	2.02343	1
cg14538048	SF1;SF1;SF1;SF1;SF1;SF1;SF1;SF1	0.00351233	?	?	?	0.477186	1.34121	1.34121	0.768676	1.12659	1.12659	0.00162029	0.122156	-8.18627	?	?	?	0.990519	1.00481	1.00481	0.139459	1.93405	1.93405	0.89443	1.05508	1.05508	0.000427992	0.0668049	-14.969	12.314	23.5506	1.63929	1
cg03056341	SF1;SF1;SF1;SF1;SF1;SF1;SF1;SF1	0.00844208	0.190203	1.15554	1.15554	0.28295	0.890251	-1.12328	0.00158201	0.623344	-1.60425	0.837222	0.978792	-1.02167	0.927665	0.990583	-1.00951	0.0946701	0.825798	-1.21095	0.00261761	1.54378	1.54378	0.136351	1.18203	1.18203	0.557138	1.06383	1.06383	6.23748	1.07264	0.15286	1
cg27458631	SF3A1;SF3A1	0.0461312	0.0855719	0.594217	-1.68289	0.0938166	1.65647	1.65647	0.0098176	2.44508	2.44508	0.681959	1.11947	1.11947	0.888622	1.03913	1.03913	0.699898	0.899345	-1.11192	0.337558	1.31102	1.31102	0.486555	1.21366	1.21366	0.0229228	0.474547	-2.10727	3.49285	4.15024	1.05619	1
cg18031436	SF3A1;SF3A1;CCDC157	0.00152681	0.213411	0.640078	-1.56231	0.734298	1.12301	1.12301	0.57001	0.822434	-1.2159	0.308144	0.698231	-1.43219	0.00415777	0.270338	-3.69908	5.00E-05	0.0749118	-13.349	0.9134	0.963634	-1.03774	0.00153707	0.211832	-4.72071	0.464933	1.28821	1.28821	10.4262	19.1478	1.63245	1
cg19757737	SF3A1;SF3A1;CCDC157	0.00355401	0.00364989	1.57059	1.57059	0.99133	1.00125	1.00125	0.0118736	1.43417	1.43417	0.0242296	0.734579	-1.36132	0.490308	0.922699	-1.08378	0.0180029	1.39094	1.39094	0.000702871	1.80959	1.80959	0.101988	1.22815	1.22815	0.646059	0.948292	-1.05453	8.13641	1.69878	0.185588	1
cg14859749	SF3A1;SF3A1;CCDC157	0.00581101	0.954064	0.979311	-1.02113	0.0093075	0.269318	-3.71309	0.32878	1.44771	1.44771	0.14476	0.557963	-1.79223	0.000965318	0.123876	-8.0726	0.850256	0.933684	-1.07103	0.00703826	4.03909	4.03909	?	?	?	0.258665	1.54393	1.54393	9.98238	17.6267	1.32434	1
cg21752413	SF3A2	0.00461846	0.00110369	0.215514	-4.64007	0.0457164	0.481457	-2.07703	0.219315	0.662195	-1.51013	0.0222855	0.417266	-2.39655	0.00194999	0.24711	-4.04678	0.0344171	0.455094	-2.19735	0.000823803	0.200326	-4.99186	0.554131	0.826175	-1.2104	0.0267925	0.432949	-2.30974	7.51817	12.1239	1.43343	1
cg05206701	SF3A2	0.00710259	0.775708	0.956611	-1.04536	0.000445531	0.422965	-2.36426	0.00617843	0.574327	-1.74117	0.355693	0.862837	-1.15897	0.644633	0.930418	-1.07479	0.190428	1.24025	1.24025	0.202542	0.811462	-1.23234	0.863789	1.02702	1.02702	0.00603096	0.572878	-1.74557	6.58516	2.5149	0.33947	1
cg25719393	SF3A2	0.0106873	0.0699418	0.830803	-1.20365	0.0504119	1.22628	1.22628	0.00132985	0.65253	-1.5325	0.047255	0.812485	-1.23079	0.0472252	0.812456	-1.23084	0.116721	1.16872	1.16872	0.646217	1.04318	1.04318	0.890231	1.01271	1.01271	0.255346	1.11475	1.11475	5.78597	0.766778	0.117799	1
cg11957798	SF3A2	0.0353449	0.235425	0.674155	-1.48334	0.455485	0.785821	-1.27255	0.347827	0.736017	-1.35866	0.259014	0.688388	-1.45267	0.00217579	0.255707	-3.91073	0.0175995	0.400171	-2.49893	0.656457	0.867659	-1.15253	0.107054	1.74689	1.74689	0.180499	0.637041	-1.56976	3.85342	6.1362	1.41547	1
cg09407273	SF3A2;AMH	0.0111617	0.298857	1.34846	1.34846	0.671628	0.888352	-1.12568	0.0217184	0.465333	-2.149	0.544781	1.18551	1.18551	0.000956482	0.255055	-3.92072	0.0206665	0.461305	-2.16776	0.0273551	0.48443	-2.06428	0.364018	1.29562	1.29562	0.0916037	0.597056	-1.67488	5.70562	6.9658	1.08522	1
cg09399158	SF3A2;AMH	0.0302745	0.978673	1.00384	1.00384	0.0170358	0.658722	-1.51809	0.155445	1.24375	1.24375	0.206606	0.826007	-1.21064	0.00145573	0.516912	-1.93456	0.797982	0.963862	-1.03749	0.902422	0.982553	-1.01776	0.622738	1.07375	1.07375	0.733112	0.95207	-1.05034	4.07363	1.32858	0.289904	1
cg09179903	SF3A3	0.00435596	0.000322163	0.270563	-3.69599	0.873299	1.0365	1.0365	0.00415357	0.421823	-2.37066	0.281404	1.28597	1.28597	0.159094	0.713121	-1.40229	0.0179782	0.524207	-1.90764	0.0222762	0.540407	-1.85046	0.406288	0.826243	-1.2103	0.00885607	0.473065	-2.11388	7.65282	6.11751	0.71056	1
cg04080261	SF3A3	0.00505138	0.159324	0.800661	-1.24897	0.0180692	1.52879	1.52879	0.731208	1.05229	1.05229	0.440979	1.12317	1.12317	0.00110284	0.491135	-2.0361	0.00413912	0.566499	-1.76523	0.0335191	1.44357	1.44357	0.225895	0.828633	-1.20681	0.491727	0.901923	-1.10874	7.31572	2.53162	0.307602	1
cg00764894	SF3A3	0.0164718	0.16108	0.406041	-2.46281	0.00113422	0.0559457	-17.8745	0.0808272	0.311684	-3.20838	0.489325	1.52639	1.52639	0.0088451	0.134437	-7.43844	0.0886325	0.322717	-3.09869	0.0580665	0.275307	-3.63231	0.143736	0.388343	-2.57504	0.0217569	0.190442	-5.25094	5.02214	28.8381	5.10418	1
cg09550293	SF3A3	0.0189356	0.0149657	0.138115	-7.24036	0.278931	0.474767	-2.1063	0.12027	0.327853	-3.05015	0.198785	0.407151	-2.45609	0.00806007	0.10584	-9.44821	0.181639	0.391305	-2.55555	0.00250611	0.0621475	-16.0907	0.00600455	0.0929322	-10.7605	0.0879788	0.287656	-3.47637	4.79256	33.2367	6.16451	1
cg27442140	SF3A3	0.0289654	0.102328	0.863927	-1.1575	0.729951	1.02876	1.02876	0.76044	1.02534	1.02534	0.0286603	0.809623	-1.23514	0.00254896	0.709998	-1.40846	0.0256151	0.804979	-1.24227	0.629789	1.04054	1.04054	0.61065	1.0429	1.0429	0.0835571	0.854966	-1.16964	4.13798	0.438661	0.0942298	1
ch.2.3935902R	SF3B1	0.000343441	0.000121752	0.451459	-2.21504	0.0233463	0.725278	-1.37878	0.129356	0.823463	-1.21438	0.000125245	0.452916	-2.20791	0.000356578	0.506979	-1.97247	0.000623256	0.535886	-1.86607	0.0265695	0.732287	-1.36559	0.0582168	0.775907	-1.28881	0.0726072	1.26798	1.26798	15.8514	3.52714	0.197789	1
cg11988203	SF3B1	0.0029294	0.119129	0.738777	-1.35359	0.495704	0.883534	-1.13182	0.697994	0.932581	-1.07229	0.079231	0.705536	-1.41736	0.855018	0.967789	-1.03328	0.0685269	0.694188	-1.44053	3.33E-05	0.236666	-4.22536	0.155871	0.762022	-1.3123	0.0215267	0.610047	-1.63922	8.61885	4.37392	0.451097	1
cg04809136	SF3B14	0.000131767	0.00680995	0.412435	-2.42463	4.23E-05	7.15378	7.15378	0.266334	1.33988	1.33988	0.000409082	4.12911	4.12911	0.0955592	0.62968	-1.58811	0.217017	1.38837	1.38837	0.00844387	0.427583	-2.33873	0.00030502	4.40169	4.40169	0.00332016	2.74578	2.74578	20.5619	20.7824	0.898424	1
cg10599693	SF3B14	0.000153165	0.655809	0.865563	-1.15532	9.58E-05	9.34317	9.34317	0.158905	1.62352	1.62352	1.12E-05	20.1972	20.1972	0.924082	1.03115	1.03115	0.0811085	1.86338	1.86338	0.153122	0.61118	-1.63618	0.000223957	7.21675	7.21675	0.0148188	2.62442	2.62442	19.7455	32.3913	1.45817	1
cg10010650	SF3B14	0.000599236	0.537858	0.940259	-1.06354	4.81E-05	2.12878	2.12878	0.552866	1.06108	1.06108	0.884985	0.985808	-1.0144	0.00681073	0.70736	-1.41371	0.00367957	0.678593	-1.47364	0.00566807	0.698784	-1.43106	0.214161	1.13787	1.13787	0.156137	0.860858	-1.16163	13.5887	2.09882	0.137291	1
cg20701182	SF3B14	0.00116785	0.751744	0.894751	-1.11763	5.64E-05	13.7614	13.7614	0.15067	1.71561	1.71561	0.00338383	4.04068	4.04068	0.0807745	1.97107	1.97107	0.021092	2.6432	2.6432	0.361346	1.38931	1.38931	0.00160562	4.88227	4.88227	0.00170399	4.80705	4.80705	11.2587	21.8957	1.7287	1
cg23065913	SF3B14	0.00231314	0.00606141	0.265231	-3.7703	0.0340001	0.399966	-2.50021	0.0552205	0.447182	-2.23622	0.803126	1.09691	1.09691	0.00262448	0.21387	-4.67574	0.964694	0.983743	-1.01653	0.000239057	0.105164	-9.50893	0.128674	0.544409	-1.83685	0.00103436	0.165367	-6.04716	9.24055	20.0669	1.93032	1
cg11115502	SF3B14	0.010748	0.00336684	0.465343	-2.14895	0.644972	0.914859	-1.09306	0.616583	1.10166	1.10166	0.0866305	0.695588	-1.43763	0.418671	0.853427	-1.17175	0.0824641	0.691479	-1.44618	0.000455552	0.346736	-2.88404	0.175402	0.758529	-1.31834	0.810572	1.04713	1.04713	5.77544	3.3648	0.51787	1
cg08187469	SF3B14	0.0265098	0.82005	1.0376	1.0376	0.393686	1.15202	1.15202	0.0304547	1.50979	1.50979	0.275045	0.831984	-1.20195	0.933334	1.01364	1.01364	0.00151277	0.477041	-2.09626	0.550882	1.10268	1.10268	0.471169	0.888048	-1.12607	0.169285	1.26768	1.26768	4.26898	1.77387	0.369356	1
cg07204893	SF3B1;SF3B1	0.0244047	0.0625238	0.497546	-2.00987	0.998616	1.00058	1.00058	0.0579409	0.489766	-2.04179	0.0158722	0.373898	-2.67452	0.00729246	0.315898	-3.16558	0.253178	0.672045	-1.488	0.0140775	0.364462	-2.74377	0.021292	0.397827	-2.51366	0.0138696	0.363305	-2.75251	4.39386	7.71746	1.56126	1
cg06750227	SF3B1;SF3B1	0.030361	0.0276416	0.635909	-1.57255	0.00595679	0.521514	-1.9175	0.953646	0.990557	-1.00953	0.859127	1.02943	1.02943	0.562345	1.10074	1.10074	0.235433	0.813484	-1.22928	0.784243	0.956158	-1.04585	0.496009	1.12012	1.12012	0.0122444	1.74015	1.74015	5.09138	2.04563	0.267855	1
cg17286258	SF3B1;SF3B1;SF3B1;SF3B1	6.37E-06	4.18E-06	0.396079	-2.52475	0.0355001	0.808288	-1.23718	0.227087	1.11657	1.11657	0.011666	0.760288	-1.31529	7.57E-06	0.424963	-2.35315	9.64E-07	0.325456	-3.07261	1.59E-05	0.461011	-2.16914	0.000383085	0.610828	-1.63712	0.125752	0.865839	-1.15495	45.5926	5.45895	0.106429	1
cg16248618	SF3B2	0.000140161	0.0102989	0.477328	-2.095	0.193841	1.36954	1.36954	0.554875	0.872296	-1.1464	0.0057929	0.437417	-2.28615	3.58E-06	0.0831799	-12.0221	0.772955	1.06841	1.06841	0.000564153	0.294458	-3.39607	0.668484	0.906154	-1.10356	0.0677523	1.59692	1.59692	20.2231	16.7603	0.736685	1
cg08475257	SF3B2	0.00259999	?	?	?	0.072558	0.415186	-2.40856	0.0156032	3.85754	3.85754	0.638778	0.818974	-1.22104	0.00014674	0.0324363	-30.8296	0.395139	0.690683	-1.44784	?	?	?	0.821526	1.09993	1.09993	0.157155	0.520364	-1.92173	13.7644	28.661	1.78479	1
cg01128603	SF3B2	0.00312847	0.000158338	0.45602	-2.19288	0.392185	0.898926	-1.11244	0.0593686	0.772046	-1.29526	0.700405	0.954092	-1.04812	0.23104	0.858377	-1.16499	0.00422846	0.627813	-1.59283	0.0347528	0.741445	-1.34872	0.0102798	0.674948	-1.4816	0.0798163	1.26654	1.26654	8.45215	1.97783	0.208003	1
cg20093577	SF3B2	0.0042421	0.00444203	2.81746	2.81746	0.930729	1.02401	1.02401	0.750274	1.09105	1.09105	0.686696	0.895249	-1.11701	0.142041	0.650008	-1.53844	0.212752	0.698987	-1.43064	0.564416	1.17233	1.17233	0.310131	1.33189	1.33189	0.000197468	0.181394	-5.51286	7.71441	9.09884	1.04841	1
cg01372058	SF3B2	0.00746537	0.165692	0.787519	-1.26981	0.250985	0.823825	-1.21385	0.428919	0.877677	-1.13937	0.254192	0.824996	-1.21213	0.00422363	0.538533	-1.8569	0.100865	0.748016	-1.33687	0.00120736	2.15104	2.15104	0.110343	1.32465	1.32465	0.404531	1.14775	1.14775	6.4834	2.68061	0.367517	1
cg13269439	SF3B2;SF3B2	0.000341837	0.164889	0.671533	-1.48913	0.0399525	1.89297	1.89297	0.0131076	2.28626	2.28626	0.617663	1.14483	1.14483	0.530208	0.842909	-1.18637	0.418824	0.800896	-1.2486	6.03E-06	0.0654521	-15.2784	0.940225	0.980046	-1.02036	0.277711	1.35444	1.35444	15.8718	18.1578	1.01691	1
cg00864954	SF3B3	6.09E-05	0.000153252	0.345483	-2.8945	0.0328747	0.664535	-1.50481	0.000968276	0.447432	-2.23498	0.00288573	0.511214	-1.95613	0.000104215	0.325177	-3.07525	0.00177529	0.482533	-2.0724	4.79E-06	0.180355	-5.54462	0.175426	1.2661	1.2661	0.000379655	0.39471	-2.53351	25.2705	10.7315	0.37748	1
cg01753198	SF3B3	0.00263591	0.00449182	0.199319	-5.01709	0.000237773	0.07489	-13.3529	0.180885	0.546142	-1.83103	0.00813609	0.236365	-4.23074	0.496626	0.745369	-1.34162	0.405121	0.695819	-1.43715	0.00122885	0.133633	-7.48316	0.0233273	0.315374	-3.17084	0.00550788	0.211495	-4.72825	8.89223	25.5304	2.55208	1
cg27244120	SF3B3	0.0433884	0.0103369	0.252171	-3.96557	0.0437841	0.372215	-2.68662	0.0732368	0.426604	-2.34409	0.615997	0.806025	-1.24066	0.00919985	0.244107	-4.09657	0.0508007	0.387157	-2.58293	0.0468174	0.378877	-2.63938	0.419132	0.703252	-1.42196	0.0415461	0.367078	-2.72421	3.57387	10.2934	2.56016	1
cg08720519	SF3B3;COG4	0.0108223	0.00160759	2.02016	2.02016	0.446153	1.12829	1.12829	0.494734	0.897834	-1.11379	0.0030569	1.87863	1.87863	0.0648442	1.38029	1.38029	0.286006	1.18795	1.18795	0.832922	0.967698	-1.03338	0.0437573	0.697484	-1.43373	0.542458	1.10058	1.10058	5.76267	2.205	0.340121	1
cg08186341	SF3B3;SNORD111B	0.015257	0.0155168	0.350753	-2.85101	0.201313	0.621105	-1.61003	0.698994	1.14698	1.14698	0.242405	1.53999	1.53999	0.000621025	0.155909	-6.41399	0.453101	1.30962	1.30962	0.38666	0.731116	-1.36777	0.505332	1.2694	1.2694	0.720447	1.13521	1.13521	5.15165	10.1624	1.75347	1
cg03952484	SF3B4	0.0167845	0.572895	1.07791	1.07791	0.0401949	1.36644	1.36644	0.172013	1.21102	1.21102	0.51049	0.915844	-1.09189	0.138089	1.23403	1.23403	0.474037	0.908564	-1.10064	0.00203028	0.563799	-1.77368	0.0694507	0.76533	-1.30663	0.096301	1.27188	1.27188	4.99072	1.37092	0.244172	1
cg24608205	SF3B4	0.036489	0.174607	0.535795	-1.86638	0.175929	1.86238	1.86238	0.0673061	2.42549	2.42549	0.968654	0.983162	-1.01713	0.161597	0.524164	-1.9078	0.571448	1.28036	1.28036	0.00232761	0.159231	-6.28017	0.339124	0.65326	-1.53078	0.943691	0.969936	-1.031	3.80911	11.2661	2.62905	1
cg21687365	SF3B4;SF3B4	0.00993958	0.0229469	0.258434	-3.86946	0.78015	1.14931	1.14931	0.649244	0.796342	-1.25574	0.000432862	0.0627898	-15.9261	0.266697	0.562406	-1.77807	0.0597718	0.347692	-2.87611	0.89628	1.06702	1.06702	0.00714774	0.177714	-5.62701	0.610163	1.2914	1.2914	5.92208	23.1993	3.48216	1
cg21363943	SF3B4;SF3B4	0.0169076	0.00508432	0.173068	-5.77806	0.168189	2.00494	2.00494	0.107382	2.29877	2.29877	0.787864	1.13627	1.13627	0.735775	1.17401	1.17401	0.498522	0.722203	-1.38465	0.0018477	0.123209	-8.11626	0.975327	0.985458	-1.01476	0.870936	1.08006	1.08006	4.97854	17.6902	3.15848	1
cg25282353	SF3B5	0.00586889	0.363161	0.825572	-1.21128	0.953895	0.988212	-1.01193	0.631878	0.905745	-1.10406	0.162756	1.35745	1.35745	0.31302	0.807326	-1.23866	0.6028	1.11369	1.11369	0.000179554	0.272285	-3.67263	0.0673005	1.52276	1.52276	0.0615755	1.54013	1.54013	6.98662	4.65451	0.592182	1
cg17181653	SF3B5	0.0138361	0.0350343	0.422605	-2.36628	0.56562	1.22589	1.22589	0.0281609	0.40289	-2.48207	0.566257	0.816013	-1.22547	0.000425459	0.141299	-7.07718	0.0290724	0.405713	-2.4648	0.982011	1.00794	1.00794	0.261846	0.663441	-1.50729	0.306892	0.690078	-1.44911	5.32043	10.3629	1.73134	1
cg15876657	SF3B5	0.0148271	0.134571	0.854489	-1.17029	0.460397	1.076	1.076	0.418324	0.922554	-1.08395	0.118601	0.847782	-1.17955	0.200001	0.876377	-1.14106	0.00397939	0.685656	-1.45846	0.0983276	0.838022	-1.19329	0.407809	1.08603	1.08603	0.00488098	1.4386	1.4386	5.20059	0.782503	0.133746	1
cg08300985	SF4	0.0114207	0.0327683	0.437487	-2.28578	0.21804	0.65125	-1.53551	0.643912	0.857218	-1.16656	0.00194994	0.234566	-4.2632	0.00575587	0.30185	-3.31291	0.0137227	0.364732	-2.74174	0.00340968	0.267886	-3.73293	0.565127	0.824917	-1.21224	0.0938942	0.543521	-1.83985	5.66352	9.82638	1.54225	1
cg08112740	SF4	0.0181171	0.148408	0.661716	-1.51122	0.753618	0.919549	-1.08749	0.0140087	2.24381	2.24381	0.899979	0.96706	-1.03406	0.13276	0.649166	-1.54044	0.0618459	0.571111	-1.75097	0.00304742	2.94811	2.94811	0.161738	1.48886	1.48886	0.762923	1.08392	1.08392	4.8645	5.46649	0.99889	1
cg15791438	SFI1;SFI1	0.00238043	0.000982205	0.0816149	-12.2527	0.605554	0.76614	-1.30524	0.308615	0.583424	-1.71402	0.681831	0.809948	-1.23465	0.000880565	0.0781144	-12.8017	0.385157	0.634268	-1.57662	0.000724874	0.0721664	-13.8569	0.0252754	0.256609	-3.89697	0.00178984	0.103053	-9.70373	9.16311	37.947	3.68114	1
cg11956866	SFI1;SFI1	0.003933	0.388084	0.700915	-1.42671	0.0852609	0.465648	-2.14754	0.1204	0.508273	-1.96745	0.00442931	0.217485	-4.59802	0.00104727	0.142492	-7.01794	0.00139607	0.155675	-6.42364	0.00136353	0.154562	-6.46988	0.104596	0.49035	-2.03936	0.0105198	0.274393	-3.6444	7.89256	20.1727	2.27192	1
cg12114049	SFI1;SFI1	0.0168625	0.115172	1.18387	1.18387	0.244114	0.886848	-1.12759	0.688385	0.961052	-1.04053	0.530603	1.0646	1.0646	0.279007	1.1173	1.1173	0.114928	1.18402	1.18402	0.000646837	0.597114	-1.67472	0.373638	1.09417	1.09417	0.482244	1.07291	1.07291	4.98299	0.766327	0.136701	1
cg03211283	SFI1;SFI1	0.0241463	0.139281	0.719591	-1.38968	0.713232	0.926502	-1.07933	0.0319689	1.68159	1.68159	0.595763	0.895182	-1.11709	0.00604055	0.476303	-2.09951	0.855309	1.03847	1.03847	0.0268967	0.58155	-1.71954	0.0137798	0.532779	-1.87695	0.428139	0.845945	-1.18211	4.4101	2.98733	0.602118	1
cg00184884	SFI1;SFI1;SFI1;SFI1	0.0103171	0.613556	1.09466	1.09466	0.856311	0.96832	-1.03272	0.112993	1.3585	1.3585	0.337429	1.19202	1.19202	0.456892	1.14405	1.14405	0.0760673	1.41993	1.41993	0.000367478	0.363025	-2.75463	0.104805	0.729895	-1.37006	0.649909	1.08454	1.08454	5.85182	2.92374	0.444115	1
cg21126969	SFMBT1;SFMBT1;SFMBT1	1.62E-05	0.00106236	1.54342	1.54342	0.000427183	0.606443	-1.64896	9.70E-05	0.537081	-1.86192	8.40E-07	0.307647	-3.25048	0.967901	1.00362	1.00362	0.00682829	1.36926	1.36926	0.0743967	0.836707	-1.19516	0.380467	0.922486	-1.08403	0.0113744	0.75265	-1.32864	35.7687	4.55654	0.113235	1
cg24445507	SFMBT1;SFMBT1;SFMBT1	5.32E-05	0.00766857	0.646923	-1.54578	0.774307	1.03721	1.03721	0.0198098	0.699381	-1.42984	0.902475	0.984541	-1.0157	7.55E-07	0.183844	-5.43938	0.932513	1.01082	1.01082	0.00222914	0.580216	-1.7235	0.0214054	1.42098	1.42098	0.0347236	0.731357	-1.36732	26.1848	6.69852	0.227393	1
cg26401492	SFMBT1;SFMBT1;SFMBT1	0.000189606	0.00137886	0.401858	-2.48844	0.000736164	0.365039	-2.73943	0.000437863	0.335633	-2.97944	0.00705086	0.50441	-1.98251	1.58E-05	0.173369	-5.76805	0.000811383	0.370655	-2.69793	0.000747667	0.365932	-2.73275	0.655693	1.09219	1.09219	0.00525744	0.485193	-2.06104	18.6388	11.3985	0.543598	1
cg18571112	SFMBT1;SFMBT1;SFMBT1	0.000726502	0.0110735	0.53451	-1.87087	0.000234959	3.31678	3.31678	0.17534	1.32761	1.32761	0.197852	1.30685	1.30685	0.00747064	0.508024	-1.96841	0.555289	0.889308	-1.12447	0.148707	1.35601	1.35601	0.000234504	3.31792	3.31792	0.63539	1.09847	1.09847	12.8761	7.88424	0.544282	1
cg12962167	SFMBT1;SFMBT1;SFMBT1	0.00206798	0.0218301	0.704464	-1.41952	0.84814	1.0247	1.0247	0.0622127	1.30633	1.30633	0.0217707	1.41983	1.41983	0.0158641	0.686553	-1.45655	0.263495	1.15995	1.15995	0.000158425	2.27554	2.27554	0.184271	1.19635	1.19635	0.186562	0.836749	-1.1951	9.5484	2.45028	0.228104	1
cg26850469	SFMBT1;SFMBT1;SFMBT1	0.0157093	0.0083102	0.315218	-3.17241	0.752066	0.897219	-1.11456	0.0784786	0.512303	-1.95197	0.0071192	0.304342	-3.28578	0.00202196	0.225357	-4.4374	0.373667	0.731611	-1.36685	0.676577	0.866272	-1.15437	0.182862	1.62205	1.62205	0.360242	0.724787	-1.37972	5.10198	9.46243	1.64858	1
cg09744376	SFMBT1;SFMBT1;SFMBT1	0.0161048	0.096021	1.27117	1.27117	0.315562	1.14592	1.14592	0.273308	1.16142	1.16142	0.963563	0.994022	-1.00601	0.828204	0.971877	-1.02894	0.0387427	1.36913	1.36913	0.000460495	2.06204	2.06204	0.0265957	1.41194	1.41194	0.054728	1.33111	1.33111	5.05999	1.38074	0.242555	1
cg03607117	SFMBT1;SFMBT1;SFMBT1	0.0322478	0.923022	0.986795	-1.01338	0.13417	0.800794	-1.24876	0.783725	0.962867	-1.03856	0.929407	1.01226	1.01226	0.665213	1.06171	1.06171	0.142715	0.805187	-1.24195	0.000722701	0.492938	-2.02865	0.284192	1.16534	1.16534	0.981488	1.0032	1.0032	3.98286	1.19319	0.266293	1
cg14149609	SFMBT1;SFMBT1;SFMBT1	0.0441015	0.497642	0.878573	-1.13821	0.755907	1.06038	1.06038	0.849551	1.03635	1.03635	0.837068	0.962024	-1.03947	0.954123	1.01088	1.01088	0.00321359	2.12989	2.12989	0.00577413	1.97393	1.97393	0.78881	1.05177	1.05177	0.822364	0.958604	-1.04318	3.55221	1.98876	0.497659	1
cg10451314	SFMBT2	1.69E-06	0.00144287	0.621097	-1.61006	0.00974463	1.40227	1.40227	1.26E-07	0.176228	-5.67447	0.00128928	0.615641	-1.62432	0.273432	0.888808	-1.1251	4.72E-05	0.452306	-2.21089	0.087382	1.21553	1.21553	5.34E-07	0.236584	-4.22683	0.000611771	0.57933	-1.72613	64.1778	10.8718	0.150579	1
cg13319501	SFMBT2	1.80E-06	0.0489819	0.846363	-1.18153	0.11923	0.882081	-1.13368	1.04E-05	0.496808	-2.01285	4.11E-05	0.559792	-1.78638	5.08E-08	0.246892	-4.05036	6.84E-06	0.476977	-2.09654	0.000297176	0.645953	-1.5481	0.0833098	1.15288	1.15288	0.0250191	0.820479	-1.2188	63.072	5.5008	0.0775242	1
cg04955405	SFMBT2	8.51E-06	0.000826507	0.627746	-1.593	0.0737834	1.20234	1.20234	6.18E-07	0.282377	-3.54137	0.34652	1.09377	1.09377	4.45E-05	0.489179	-2.04424	5.80E-05	0.502069	-1.99176	0.0134633	0.753616	-1.32694	1.12E-05	0.421669	-2.37153	0.00197487	0.667521	-1.49808	42.3083	5.7279	0.120342	1
cg15362304	SFMBT2	2.96E-05	0.143104	0.726017	-1.37738	0.635235	0.907351	-1.10211	2.20E-06	0.0945244	-10.5793	0.77563	1.05986	1.05986	0.0837164	0.677442	-1.47614	0.000414008	0.319814	-3.12682	7.79E-06	0.136052	-7.35014	0.00658375	0.487771	-2.05014	0.000124576	0.256509	-3.8985	30.5732	20.0438	0.582756	1
cg03832371	SFMBT2	4.31E-05	0.835307	0.949763	-1.05289	0.891115	0.966657	-1.03449	0.338713	0.78336	-1.27655	0.0579275	0.588166	-1.7002	0.0454159	0.566567	-1.76502	5.60E-05	0.156556	-6.3875	1.11E-06	0.0434051	-23.0388	0.0123566	0.462465	-2.16233	0.00013017	0.192956	-5.18254	27.6815	26.8749	0.862986	1
cg11292440	SFMBT2	6.22E-05	0.840925	1.03201	1.03201	0.058432	1.39833	1.39833	4.28E-06	0.189254	-5.28391	0.281331	1.19192	1.19192	3.91E-05	0.290981	-3.43665	0.270075	0.835212	-1.1973	0.531928	0.905493	-1.10437	0.00061425	0.437313	-2.28669	0.00161837	0.492346	-2.03109	25.1274	9.78429	0.346122	1
cg12717591	SFMBT2	7.12E-05	0.0442875	0.672024	-1.48804	0.0188922	0.613143	-1.63094	1.90E-06	0.130888	-7.6401	0.0181049	0.610304	-1.63853	0.000375787	0.376009	-2.65951	0.00242295	0.48362	-2.06774	0.000991681	0.430974	-2.32032	0.000577638	0.400071	-2.49956	0.000191909	0.339377	-2.94658	24.2389	11.3612	0.416639	1
cg26878816	SFMBT2	9.41E-05	0.302548	1.16934	1.16934	0.103909	1.29751	1.29751	0.000393963	2.28626	2.28626	1.32E-05	3.80857	3.80857	0.00300246	1.81496	1.81496	0.00311578	1.808	1.808	0.0126267	0.63496	-1.5749	0.000680303	2.13933	2.13933	8.51E-05	2.8128	2.8128	22.5042	7.64687	0.302042	1
cg08716013	SFMBT2	0.000111493	0.554494	0.898882	-1.11249	0.801349	1.04598	1.04598	0.0339795	0.643173	-1.55479	0.0261877	0.624786	-1.60055	1.61E-05	0.204937	-4.87954	0.00361282	0.495404	-2.01856	7.29E-06	0.171386	-5.83478	0.0874288	0.714301	-1.39997	0.00153132	0.443453	-2.25503	21.5049	10.829	0.447609	1
cg12123470	SFMBT2	0.000117688	0.930926	0.981443	-1.01891	0.0362072	0.59082	-1.69256	4.50E-05	0.188586	-5.30262	0.825966	0.953534	-1.04873	0.943826	1.01534	1.01534	0.00152658	0.373128	-2.68005	0.089127	0.666926	-1.49942	4.87E-06	0.104849	-9.53754	0.00267102	0.407686	-2.45287	21.1954	15.6712	0.657214	1
cg26922690	SFMBT2	0.000184036	0.978433	1.00616	1.00616	0.69117	1.09496	1.09496	4.62E-05	0.174134	-5.7427	0.297518	1.27808	1.27808	0.000149918	0.22781	-4.38963	0.0181962	0.521326	-1.91819	3.76E-05	0.165557	-6.04023	0.016378	0.51346	-1.94757	0.0184065	0.522189	-1.91501	18.7899	15.3593	0.726601	1
cg15172728	SFMBT2	0.000330406	0.190657	0.776814	-1.28731	0.403404	1.16863	1.16863	0.000837095	0.400125	-2.49922	0.711811	1.06996	1.06996	0.153581	0.756948	-1.32109	0.352391	0.839955	-1.19054	0.718228	1.06827	1.06827	5.12E-05	0.251061	-3.9831	3.97E-05	0.238899	-4.18586	16.0207	8.42758	0.467595	1
cg02866454	SFMBT2	0.000542587	0.115682	1.13561	1.13561	0.0075044	0.774211	-1.29164	0.00660922	0.769348	-1.2998	0.358227	0.932152	-1.07279	0.689295	1.03034	1.03034	0.106678	1.13996	1.13996	1.65E-05	0.517308	-1.93309	0.443966	0.943614	-1.05976	0.00701259	0.771618	-1.29598	13.9697	1.22357	0.0778553	1
cg08234418	SFMBT2	0.00075647	0.0186934	1.36258	1.36258	0.0511637	0.785792	-1.2726	0.000400163	0.54261	-1.84294	0.000935816	0.585069	-1.7092	0.0170945	0.729397	-1.371	0.000153673	0.494473	-2.02235	0.0225151	0.743321	-1.34531	0.333969	0.897476	-1.11424	0.188174	0.85953	-1.16343	12.7308	2.37576	0.16588	1
cg25291138	SFMBT2	0.000804096	0.518452	0.88982	-1.12382	0.00234653	2.13218	2.13218	0.827846	1.0396	1.0396	0.0762698	1.4215	1.4215	0.0281207	1.58792	1.58792	0.0778993	1.41815	1.41815	0.14446	0.756132	-1.32252	1.70E-05	4.82762	4.82762	0.212732	1.26368	1.26368	12.5141	6.3023	0.447659	1
cg07423571	SFMBT2	0.00104597	0.00085408	0.287384	-3.47966	0.000351927	0.239513	-4.17514	0.0101926	0.446499	-2.23965	0.335624	0.781052	-1.28032	0.00165094	0.32595	-3.06795	0.00686575	0.41844	-2.38983	0.000271849	0.226437	-4.41625	0.0751352	0.610659	-1.63758	0.0057225	0.405883	-2.46377	11.6174	11.3973	0.872048	1
cg21377158	SFMBT2	0.00126628	0.00154897	0.133389	-7.4969	0.00919163	0.231369	-4.32209	0.000593197	0.0956402	-10.4559	0.0223675	0.297831	-3.35761	0.00061179	0.0967145	-10.3397	0.0204434	0.290449	-3.44295	0.000454917	0.0867592	-11.5262	0.00869698	0.227676	-4.3922	0.00623849	0.206462	-4.84351	11.0015	34.1283	2.75747	1
cg24871437	SFMBT2	0.00141913	0.520905	0.849785	-1.17677	0.665828	0.897006	-1.11482	0.00417161	0.382762	-2.61259	0.0249416	0.512998	-1.94933	0.0159385	0.477924	-2.09238	0.00131508	0.310512	-3.22049	9.24E-05	0.174513	-5.73024	0.0338867	0.538173	-1.85814	0.00159171	0.321897	-3.10658	10.6479	10.5526	0.880926	1
cg19104196	SFMBT2	0.00165101	0.162001	0.845222	-1.18312	0.413171	0.910083	-1.0988	0.00370985	0.643049	-1.55509	0.363599	1.11088	1.11088	0.299206	1.12882	1.12882	0.0196658	1.3735	1.3735	0.00166403	1.65962	1.65962	0.000673683	0.556766	-1.79609	0.177941	1.17494	1.17494	10.1936	2.04763	0.178555	1
cg20299663	SFMBT2	0.00189491	0.060384	0.588424	-1.69945	0.0105231	2.23897	2.23897	0.000601461	3.76273	3.76273	0.00265445	2.83193	2.83193	0.223674	1.37729	1.37729	0.00940151	2.28063	2.28063	0.0997649	0.636559	-1.57095	0.00366428	2.67478	2.67478	0.087019	1.60514	1.60514	9.79455	9.72624	0.88269	1
cg12054976	SFMBT2	0.00257124	0.0221056	0.729056	-1.37164	0.126367	1.20977	1.20977	0.00925818	0.683652	-1.46273	0.722637	0.959792	-1.04189	0.126049	0.826452	-1.20999	0.00156706	0.592651	-1.68733	0.000952904	1.76298	1.76298	0.402267	0.906004	-1.10375	0.143386	0.834375	-1.1985	8.95761	1.88122	0.186679	1
cg02980650	SFMBT2	0.00278063	0.72597	0.844657	-1.18391	0.0564281	0.35477	-2.81873	0.00144123	0.109721	-9.11405	0.177548	0.502835	-1.98872	0.00275174	0.137772	-7.25836	0.00262571	0.135573	-7.37612	0.000394039	0.0666403	-15.0059	0.0289424	0.290686	-3.44014	0.0120387	0.222582	-4.49273	8.75292	31.9093	3.24049	1
cg12189196	SFMBT2	0.00297304	0.188209	0.798892	-1.25173	0.697672	1.06488	1.06488	0.000846787	0.445813	-2.24309	0.028444	0.659398	-1.51653	0.423458	0.876651	-1.1407	0.00524613	0.552731	-1.8092	0.347058	1.16873	1.16873	0.00029872	0.387669	-2.57952	0.821946	0.964355	-1.03696	8.58112	3.52403	0.365042	1
cg22546866	SFMBT2	0.00297838	0.237848	0.874588	-1.1434	0.627308	0.948357	-1.05446	0.0116557	0.710593	-1.40728	0.0710448	0.803682	-1.24427	0.360176	1.10733	1.10733	0.710015	1.04131	1.04131	0.000104093	2.10355	2.10355	0.308456	0.892043	-1.12102	0.602701	0.944676	-1.05856	8.57655	1.59538	0.165348	1
cg08858466	SFMBT2	0.00311804	0.646348	1.17059	1.17059	0.826941	1.0775	1.0775	0.0955999	0.535733	-1.8666	0.173006	0.609974	-1.63941	0.498013	0.790945	-1.26431	0.209858	0.637287	-1.56915	3.05E-05	0.062187	-16.0805	0.720983	0.884918	-1.13005	0.329671	0.709675	-1.4091	8.46055	15.5735	1.6362	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06514300	SFMBT2	0.00346929	0.549811	0.893949	-1.11863	0.00674033	0.521618	-1.91711	0.00997759	0.547277	-1.82723	0.937299	0.98553	-1.01468	0.000397165	0.351814	-2.84241	0.334453	0.831582	-1.20253	0.0141794	0.570825	-1.75185	0.00790857	0.532	-1.8797	0.00164729	0.433969	-2.30431	8.19539	4.45526	0.483227	1
cg10782139	SFMBT2	0.00349277	0.0103632	0.381667	-2.62008	0.019226	0.429598	-2.32776	0.00421385	0.318812	-3.13664	0.207808	0.672873	-1.48617	0.037298	0.486241	-2.05659	0.00421571	0.318841	-3.13635	0.000421389	0.188808	-5.29639	0.00165629	0.261088	-3.83013	0.136636	0.619806	-1.61341	8.17887	11.5271	1.25278	1
cg00496036	SFMBT2	0.00410677	0.546972	1.08628	1.08628	0.73399	0.954742	-1.0474	0.00323464	0.579609	-1.7253	0.339057	0.874762	-1.14317	0.744103	1.04548	1.04548	0.0092586	0.638627	-1.56586	0.00292841	1.74187	1.74187	0.0357534	0.717647	-1.39344	0.00560653	0.610295	-1.63855	7.79034	2.27479	0.259557	1
cg27128233	SFMBT2	0.00607446	0.572237	0.804081	-1.24366	0.044014	2.42115	2.42115	0.00688291	0.26267	-3.80706	0.119988	0.524928	-1.90502	0.194623	0.592003	-1.68918	0.0215981	0.348499	-2.86945	0.0124659	0.304847	-3.28033	0.00176805	0.182408	-5.48221	0.0071167	0.264916	-3.77478	6.91278	15.9835	2.05526	1
cg07763467	SFMBT2	0.00994199	0.483502	0.700233	-1.4281	0.0174625	0.235072	-4.25402	0.000661933	0.0735909	-13.5886	0.222517	0.526501	-1.89933	0.0403301	0.305668	-3.27152	0.0100342	0.196652	-5.08513	0.0168975	0.232625	-4.29877	0.0107792	0.201298	-4.96775	0.0735949	0.368562	-2.71325	5.92163	23.4853	3.52536	1
cg09060610	SFMBT2	0.010789	0.518768	0.859978	-1.16282	0.802413	0.943821	-1.05952	0.903355	0.972376	-1.02841	0.768936	1.07029	1.07029	0.501213	1.1705	1.1705	0.755477	1.0747	1.0747	0.0562715	0.60744	-1.64625	0.00020099	4.2158	4.2158	0.453491	1.19255	1.19255	5.76837	4.85845	0.748673	1
cg12767281	SFMBT2	0.0128773	0.153956	1.38836	1.38836	0.315797	1.24978	1.24978	0.955393	0.988047	-1.0121	0.658731	1.10027	1.10027	0.0968155	1.47971	1.47971	0.143192	0.713035	-1.40246	0.00532982	2.20164	2.20164	0.00393036	2.30294	2.30294	0.00362501	2.33101	2.33101	5.44699	3.98687	0.650613	1
cg20506550	SFMBT2	0.0142742	0.0136959	0.668258	-1.49643	0.148125	1.22768	1.22768	0.650218	1.06222	1.06222	0.0638532	0.759244	-1.3171	0.0627667	0.758173	-1.31896	0.0245025	0.701672	-1.42517	0.462838	1.10386	1.10386	0.421646	1.11465	1.11465	0.00808043	1.566	1.566	5.26618	1.45814	0.246122	1
cg05713245	SFMBT2	0.0146843	0.741403	0.902056	-1.10858	0.824627	0.933249	-1.07152	0.0020509	0.258688	-3.86566	0.521243	0.816789	-1.22431	0.0616975	0.519413	-1.92525	0.85003	0.942783	-1.06069	0.00125017	0.230547	-4.33752	0.167173	0.632318	-1.58148	0.0279015	0.445432	-2.24501	5.21724	8.00587	1.364	1
cg26978668	SFMBT2	0.0155212	0.827517	0.973088	-1.02766	0.127901	1.22848	1.22848	0.00631655	1.55988	1.55988	0.331298	0.882219	-1.13351	0.837791	1.02596	1.02596	0.0236452	0.71335	-1.40184	0.0236931	0.713463	-1.40161	0.0364804	1.35515	1.35515	0.144684	1.21635	1.21635	5.12242	1.268	0.220035	1
cg01056653	SFMBT2	0.0171093	0.0844381	0.725308	-1.37872	0.0275006	1.55066	1.55066	0.471579	1.13113	1.13113	0.0321923	0.655648	-1.52521	0.00734404	0.559092	-1.78861	0.0902196	0.730397	-1.36912	0.991008	0.998106	-1.0019	0.058588	1.43262	1.43262	0.319989	1.18876	1.18876	4.95884	2.22351	0.398573	1
cg20506184	SFMBT2;SFMBT2	0.0183269	0.115074	0.806275	-1.24027	0.621443	1.06455	1.06455	0.101608	1.25263	1.25263	0.34328	1.13054	1.13054	0.852982	1.02359	1.02359	0.298633	1.14498	1.14498	0.458743	1.09945	1.09945	0.000404824	2.02704	2.02704	0.13121	1.22728	1.22728	4.84568	1.21211	0.222349	1
cg06720467	SFN	0.000303247	0.00361548	0.631153	-1.5844	0.000918094	0.560598	-1.78381	0.0206215	0.721971	-1.3851	0.00515892	0.649504	-1.53964	5.56E-05	0.416443	-2.40129	0.0957806	0.807532	-1.23834	0.00156065	1.70097	1.70097	0.143103	1.20187	1.20187	0.0622547	0.782513	-1.27793	16.4017	3.54661	0.192208	1
cg11348165	SFN	0.00414245	0.0860783	1.57826	1.57826	0.145056	1.45721	1.45721	0.0497168	1.71361	1.71361	0.0234582	0.521388	-1.91796	0.00124807	0.321593	-3.10952	0.582853	1.14277	1.14277	0.00633853	2.35158	2.35158	0.0281397	1.86604	1.86604	0.784194	0.936086	-1.06828	7.77003	7.12359	0.814937	1
cg13374701	SFN	0.035379	0.403295	1.2099	1.2099	0.675092	1.09847	1.09847	0.298629	0.786621	-1.27126	0.0757236	1.55333	1.55333	0.849717	1.04316	1.04316	0.684895	1.09515	1.09515	0.000835542	3.06494	3.06494	0.185432	1.3673	1.3673	0.677739	0.911104	-1.09757	3.85208	3.02795	0.698717	1
cg21950166	SFN	0.0477442	0.048067	0.611293	-1.63588	0.158595	0.720178	-1.38855	0.82716	0.953485	-1.04878	0.16062	0.721477	-1.38604	0.00145411	0.36721	-2.72324	0.916633	0.977451	-1.02307	0.135435	0.704319	-1.41981	0.755787	1.07032	1.07032	0.191175	0.739739	-1.35183	3.44792	2.59093	0.667952	1
cg14825555	SFN;SFN	0.00300782	0.514063	0.902472	-1.10807	0.0213445	1.5357	1.5357	0.111857	1.308	1.308	0.315368	0.851297	-1.17468	0.0342698	1.46669	1.46669	0.111582	1.30832	1.30832	0.0015566	2.02446	2.02446	0.00475859	0.559172	-1.78836	0.0108291	0.608788	-1.64261	8.55153	3.25709	0.338558	1
cg15486282	SFPQ	7.71E-05	0.765972	0.967536	-1.03355	2.18E-05	2.56833	2.56833	0.00238455	1.59706	1.59706	0.191703	0.858291	-1.16511	0.695913	1.04438	1.04438	0.000326611	0.526227	-1.90032	0.000183994	0.49718	-2.01135	0.285903	1.13036	1.13036	0.00498099	1.50831	1.50831	23.7355	4.59532	0.172094	1
cg01938422	SFPQ	0.00317681	0.288904	0.805209	-1.24191	0.0318964	0.609659	-1.64026	0.293208	0.806876	-1.23935	0.425692	1.17361	1.17361	8.33E-05	0.248129	-4.03016	0.0844139	0.686835	-1.45595	0.00431508	0.471931	-2.11895	0.754357	1.06372	1.06372	0.0379174	0.622714	-1.60587	8.41366	5.16079	0.545229	1
cg03515869	SFPQ	0.00321819	0.0023949	0.626921	-1.5951	0.0001221	0.477058	-2.09618	0.0381923	0.767117	-1.30358	0.00527331	0.66636	-1.50069	0.713572	0.960132	-1.04152	0.509104	0.928754	-1.07671	0.255747	0.877281	-1.13989	0.169996	0.851044	-1.17503	0.642974	1.05286	1.05286	8.38129	1.61655	0.171446	1
cg20797674	SFPQ	0.0284329	0.644173	0.917449	-1.08998	0.68412	1.07872	1.07872	0.0337928	1.58272	1.58272	0.0180385	0.587332	-1.70261	0.489449	0.878035	-1.13891	0.174357	1.30691	1.30691	0.0489301	0.659332	-1.51669	0.020198	0.595173	-1.68018	0.0741073	0.691633	-1.44585	4.16519	2.26378	0.483112	1
cg20704215	SFPQ	0.0306777	0.00861745	2.02947	2.02947	0.793002	0.945948	-1.05714	0.815656	1.05058	1.05058	0.574756	0.887119	-1.12724	0.0194351	0.550461	-1.81666	0.392969	1.2031	1.2031	0.0355013	1.67734	1.67734	0.18615	1.34468	1.34468	0.0474715	1.61455	1.61455	4.0545	2.86679	0.6285	1
cg24344221	SFPQ	0.0462896	0.0901428	0.473143	-2.11352	0.0181183	0.310869	-3.21678	0.251921	0.621553	-1.60887	0.908527	1.04641	1.04641	0.41165	1.39435	1.39435	0.00578578	0.225157	-4.44135	?	?	?	0.427569	0.725648	-1.37808	0.378507	1.43044	1.43044	3.84559	8.25483	1.87825	1
cg06166767	SFRP1	0.000128213	0.180728	1.32992	1.32992	5.40E-05	4.5275	4.5275	0.189105	1.32193	1.32193	7.61E-05	0.237126	-4.21717	0.0401166	1.60934	1.60934	0.910598	1.02279	1.02279	0.000247542	3.3667	3.3667	0.0023732	2.34002	2.34002	0.682998	1.08586	1.08586	20.7135	13.2029	0.566583	1
cg16667459	SFRP1	0.000895346	0.766476	1.07727	1.07727	0.41757	0.81299	-1.23003	0.148453	0.678845	-1.47309	0.00034794	0.237514	-4.21027	0.00334791	0.368695	-2.71227	0.00180499	0.329855	-3.03163	8.71E-05	0.172252	-5.80545	0.254218	0.742639	-1.34655	0.00510761	0.396644	-2.52115	12.1405	12.0094	0.87929	1
cg01074584	SFRP1	0.00108431	0.352189	0.772495	-1.29451	0.0133491	2.28502	2.28502	0.0228198	0.47975	-2.08442	0.000481049	0.228402	-4.37825	0.0010355	0.269797	-3.70649	0.00771605	0.397389	-2.51642	0.00354402	0.344497	-2.90278	0.45225	1.22933	1.22933	0.00564389	0.375565	-2.66265	11.4992	13.239	1.02338	1
cg07935886	SFRP1	0.003531	0.431943	1.31632	1.31632	0.00197994	4.46997	4.46997	0.049654	2.1541	2.1541	0.0122925	0.343524	-2.91101	0.00116538	0.195192	-5.12316	0.916039	0.964509	-1.0368	0.809943	0.920753	-1.08607	0.0585985	2.07948	2.07948	0.63321	0.848108	-1.1791	8.15226	15.161	1.6531	1
cg07122178	SFRP1	0.00378515	0.033749	2.48857	2.48857	0.000764361	6.5192	6.5192	0.00838566	3.45	3.45	0.0979757	0.51299	-1.94935	0.135268	0.553203	-1.80766	0.378377	1.39422	1.39422	0.382159	1.39038	1.39038	0.00153625	5.34437	5.34437	0.187404	1.67159	1.67159	7.98406	17.0981	1.90358	1
cg17816908	SFRP1	0.0069893	0.292729	1.14813	1.14813	0.0104373	0.664966	-1.50384	0.0588742	0.76338	-1.30996	0.260287	0.861922	-1.1602	0.0688399	0.772838	-1.29393	0.00466022	0.621158	-1.6099	0.000465811	0.498331	-2.0067	0.487788	0.914659	-1.0933	0.766181	1.03846	1.03846	6.61828	1.67859	0.225449	1
cg14824386	SFRP1	0.00820177	0.393467	0.586695	-1.70446	0.355346	1.78605	1.78605	0.821162	1.14811	1.14811	0.0224406	0.188569	-5.3031	0.000354727	0.0302342	-33.0751	0.0612819	0.276274	-3.6196	0.603242	0.726239	-1.37696	0.0452239	4.06128	4.06128	0.462498	0.633649	-1.57816	6.29457	37.0998	5.23906	1
cg01495122	SFRP1	0.0104117	0.25653	0.887554	-1.12669	0.596857	0.947655	-1.05524	0.740651	1.03402	1.03402	0.0953231	0.831455	-1.20271	0.193167	1.14878	1.14878	0.383394	0.913905	-1.09421	0.000186591	0.529774	-1.8876	0.411409	1.08828	1.08828	0.546943	0.94045	-1.06332	5.83472	0.937491	0.142822	1
cg09410389	SFRP1	0.0118315	0.309036	1.50716	1.50716	0.00390606	4.54353	4.54353	0.615209	1.21834	1.21834	0.0074517	0.26113	-3.82951	0.233602	0.614706	-1.62679	0.511181	0.771311	-1.29649	0.502829	1.30339	1.30339	0.0060731	4.03929	4.03929	0.966484	0.983761	-1.01651	5.59911	13.4643	2.13754	1
ch.8.969355F	SFRP1	0.0147023	0.0174686	0.275586	-3.62863	0.00176131	0.137364	-7.27993	0.00458474	0.186135	-5.37244	0.0201451	0.2869	-3.48553	0.236504	0.575469	-1.73771	0.0749922	0.41339	-2.41902	0.0263796	0.309414	-3.23191	0.127439	0.479844	-2.08401	0.0375576	0.341335	-2.92967	5.21513	16.3923	2.79397	1
cg00000321	SFRP1	0.0265783	0.125724	1.81716	1.81716	0.00477386	3.85897	3.85897	0.036393	2.40319	2.40319	0.955529	0.980099	-1.02031	0.262173	0.6561	-1.52416	0.112306	1.86489	1.86489	0.00745175	3.46299	3.46299	0.0569521	2.17389	2.17389	0.187482	1.65458	1.65458	4.26513	8.77715	1.82923	1
cg23331238	SFRP1	0.0295019	0.9777	1.00223	1.00223	0.644699	0.963719	-1.03765	0.00578032	1.33348	1.33348	0.0127437	1.2793	1.2793	0.109104	1.14919	1.14919	0.0213327	1.24631	1.24631	0.0260615	1.23389	1.23389	0.101235	1.15353	1.15353	0.837733	0.983812	-1.01645	4.11118	0.412423	0.089171	1
cg23359714	SFRP1	0.0316084	0.0525941	2.71864	2.71864	0.00202699	7.20946	7.20946	0.731496	1.16921	1.16921	0.251369	0.580487	-1.72269	0.789925	1.12883	1.12883	0.39137	1.4897	1.4897	0.951585	1.02794	1.02794	0.0133067	4.02281	4.02281	0.162882	1.96609	1.96609	4.0115	13.0867	2.89981	1
cg03575666	SFRP1	0.0323576	0.181144	1.94197	1.94197	0.00414157	6.03193	6.03193	0.388787	1.5112	1.5112	0.119038	0.453428	-2.20542	0.0390559	0.327392	-3.05444	0.582522	1.29633	1.29633	0.86761	0.92497	-1.08112	0.0534309	2.78878	2.78878	0.808023	0.892435	-1.12053	3.97801	13.7691	3.0767	1
cg21517947	SFRP1	0.0360889	0.852648	1.04535	1.04535	0.0197593	0.510927	-1.95722	0.0362487	0.559425	-1.78755	0.17983	0.711895	-1.4047	0.00378351	0.393769	-2.53956	0.123633	0.671778	-1.48859	0.613394	1.12923	1.12923	0.314849	1.28138	1.28138	0.256431	0.753835	-1.32655	3.82441	3.44688	0.801142	1
cg00930833	SFRP1	0.0400325	0.625176	1.1937	1.1937	0.0808126	2.00625	2.00625	0.328378	1.43732	1.43732	0.00458688	0.25742	-3.88471	0.576448	0.816332	-1.22499	0.454898	1.31484	1.31484	0.195544	0.611237	-1.63603	0.0371005	2.38789	2.38789	0.696996	0.868737	-1.1511	3.68204	7.54127	1.82056	1
cg17486234	SFRP1	0.0430305	0.0532522	0.448103	-2.23163	0.0976498	0.514614	-1.9432	0.00289964	0.223883	-4.46661	0.0422509	0.425172	-2.35199	0.0508313	0.443395	-2.25533	0.249547	0.644092	-1.55257	0.0522725	0.446218	-2.24106	0.831906	0.925241	-1.0808	0.0625565	0.464798	-2.15147	3.58491	7.5871	1.88124	1
cg23910835	SFRP2	3.21E-06	5.86E-06	0.373785	-2.67534	0.389882	0.918379	-1.08887	0.0205477	0.763654	-1.30949	0.00107391	1.59493	1.59493	0.728734	1.03422	1.03422	9.76E-06	2.50727	2.50727	0.000557778	0.596075	-1.67764	0.00131676	0.636539	-1.571	2.00E-06	3.10846	3.10846	54.4193	8.04857	0.131466	1
cg14435644	SFRP2	7.49E-05	0.00292395	0.262107	-3.81523	6.48E-06	0.0372065	-26.8771	0.000585022	0.175388	-5.70165	0.313599	0.710806	-1.40685	0.354047	0.731765	-1.36656	0.0120159	0.358404	-2.79015	5.37E-05	0.084772	-11.7963	7.03E-05	0.0929054	-10.7636	0.83772	1.06948	1.06948	23.9154	40.632	1.51021	1
cg24241928	SFRP2	0.000108617	0.000616857	0.313052	-3.19436	4.42E-05	0.181708	-5.50333	7.00E-05	0.202034	-4.94967	0.0472328	0.606406	-1.64906	0.850869	0.959382	-1.04234	0.013497	0.509817	-1.96149	7.99E-05	0.208102	-4.80533	8.39E-05	0.210411	-4.75259	0.589826	0.887005	-1.12739	21.6561	16.648	0.683329	1
cg23502475	SFRP2	0.000213008	0.00688577	0.461842	-2.16524	3.68E-05	0.173184	-5.77421	6.52E-05	0.198146	-5.0468	0.0753845	0.645885	-1.54826	0.502475	1.16217	1.16217	0.0117677	0.499194	-2.00323	0.00112099	0.346665	-2.88463	0.000182117	0.247158	-4.04599	0.195669	0.739205	-1.35281	18.0598	13.9465	0.686436	1
cg09788843	SFRP2	0.000220141	0.0302234	0.532129	-1.87924	9.15E-06	0.092958	-10.7575	0.00150871	0.322448	-3.10128	0.122632	0.660892	-1.51311	0.818772	0.944764	-1.05847	0.134858	0.670931	-1.49047	0.000807536	0.286106	-3.49521	0.000371642	0.244134	-4.09612	0.189049	1.41126	1.41126	17.8989	17.3758	0.862915	1
cg11467638	SFRP2	0.000379093	0.0651538	0.618509	-1.61679	0.222667	1.34629	1.34629	0.00676023	0.442797	-2.25837	0.0080777	0.455131	-2.19717	0.000771021	0.306852	-3.2589	0.61213	0.888124	-1.12597	0.000104092	0.203489	-4.91427	0.0489778	1.68471	1.68471	0.000149339	0.220538	-4.53437	15.4267	13.1546	0.757972	1
cg00082664	SFRP2	0.000602029	0.000699984	0.311888	-3.20628	0.123366	0.686456	-1.45676	0.669472	1.10163	1.10163	0.000451395	3.47827	3.47827	0.686239	0.912525	-1.09586	0.00269016	2.54696	2.54696	0.0476331	0.600146	-1.66626	0.25171	0.763447	-1.30985	0.00175215	2.73268	2.73268	13.5711	10.9204	0.715271	1
cg13357229	SFRP2	0.000735849	0.0643906	0.477886	-2.09255	3.81E-05	0.060335	-16.5741	0.00051408	0.14565	-6.86579	0.273234	0.666848	-1.49959	0.342597	0.706481	-1.41547	0.00595419	0.278624	-3.58906	0.00759764	0.295247	-3.38699	0.000818375	0.166564	-6.00371	0.351787	0.711404	-1.40567	12.83	25.6591	1.77772	1
cg00705808	SFRP2	0.00132068	0.0371033	0.445468	-2.24483	0.000154577	0.114666	-8.72096	0.00436318	0.280202	-3.56885	0.181011	0.622211	-1.60717	0.12697	0.576106	-1.73579	0.00373061	0.270218	-3.70072	0.00294889	0.255683	-3.91109	0.000282668	0.137757	-7.25914	0.262175	0.676648	-1.47787	10.8698	19.2153	1.57135	1
cg05961809	SFRP2	0.0013319	0.510983	1.16937	1.16937	0.885244	1.03447	1.03447	0.979501	0.993988	-1.00605	0.300329	1.28644	1.28644	0.238487	0.748454	-1.33609	0.320562	1.27235	1.27235	3.26E-05	0.150363	-6.65056	0.015174	2.01378	2.01378	0.0638516	1.63047	1.63047	10.8435	9.45846	0.77535	1
cg10790791	SFRP2	0.00159797	0.364523	1.26441	1.26441	9.93E-05	0.175632	-5.69371	0.00330924	0.365204	-2.73819	0.862719	0.957359	-1.04454	0.00299075	0.358688	-2.78794	0.135808	0.667157	-1.4989	0.164155	1.4532	1.4532	0.241615	0.73447	-1.36153	0.186673	1.42254	1.42254	10.2902	10.3317	0.892476	1
cg07999845	SFRP2	0.00164942	?	?	?	0.0373087	0.436625	-2.29029	0.00286424	0.244945	-4.08254	?	?	?	0.89778	1.04505	1.04505	0.343013	0.715382	-1.39785	9.94E-05	0.0936578	-10.6772	0.0308341	0.419209	-2.38544	0.295251	1.45086	1.45086	10.73	15.5377	1.65493	1
cg01821854	SFRP2	0.0022802	0.370187	0.75191	-1.32995	0.000103782	0.119196	-8.38953	0.00383068	0.298832	-3.34636	0.161827	0.629477	-1.58862	0.178737	0.642339	-1.55681	0.00329483	0.289222	-3.45755	0.0582597	0.515244	-1.94083	0.00260622	0.27467	-3.64074	0.901247	0.962265	-1.03921	9.27948	14.1099	1.3516	1
cg21630608	SFRP2	0.00261263	0.6112	0.849596	-1.17703	0.000409554	0.167905	-5.95574	0.000436448	0.170805	-5.85464	0.595944	0.843548	-1.18547	0.73324	1.1149	1.1149	0.00826962	0.341767	-2.92597	0.0333181	0.453478	-2.20518	0.0043646	0.29801	-3.3556	0.244798	0.679215	-1.47229	8.91554	14.2726	1.423	1
cg10663078	SFRP2	0.00398149	0.826552	1.05844	1.05844	0.00107887	0.28673	-3.4876	0.00341974	0.357247	-2.79919	0.555825	0.857116	-1.1667	0.00492131	0.381331	-2.62239	0.103599	0.630882	-1.58508	0.0275956	1.96233	1.96233	0.0110369	0.438244	-2.28184	0.475479	0.82879	-1.20658	7.86348	8.34032	0.942791	1
cg20727217	SFRP2	0.00424294	0.372338	0.776163	-1.28839	0.00165054	0.287606	-3.47698	0.00671441	0.378109	-2.64474	0.0441394	0.527413	-1.89605	0.72433	1.10292	1.10292	0.0120589	0.42059	-2.37761	0.00286679	0.321444	-3.11096	0.000974281	0.257315	-3.88628	0.407911	0.791208	-1.26389	7.71394	9.35119	1.07755	1
cg23714408	SFRP2	0.00489145	0.00783026	0.546222	-1.83076	0.0580154	0.6841	-1.46177	0.204914	0.788996	-1.26743	0.234988	1.24676	1.24676	0.256209	0.810592	-1.23367	0.184766	1.28303	1.28303	0.00180626	0.455563	-2.19509	0.0257619	0.62551	-1.5987	0.00862406	1.81018	1.81018	7.3879	3.67329	0.441958	1
cg25645268	SFRP2	0.0059099	0.830784	1.02184	1.02184	0.794493	0.973994	-1.0267	0.385274	1.09401	1.09401	0.588691	1.05665	1.05665	0.306065	1.1129	1.1129	0.000904972	1.65056	1.65056	0.00107212	0.613999	-1.62867	0.147957	0.854982	-1.16962	0.493652	1.07269	1.07269	6.97163	1.12504	0.143444	1
cg05241277	SFRP2	0.00979555	0.0980638	1.92927	1.92927	0.00579866	0.270168	-3.70141	0.00522368	0.263328	-3.79754	0.69654	0.867686	-1.15249	0.315408	1.45631	1.45631	0.965917	0.984646	-1.01559	0.0844781	1.99587	1.99587	0.00779918	0.290283	-3.44492	0.159515	0.580216	-1.7235	5.94977	12.3569	1.84611	1
cg20881942	SFRP2	0.0108534	0.237963	0.704229	-1.41999	0.404719	0.785183	-1.27359	0.359516	0.765487	-1.30636	0.0213437	2.19177	2.19177	0.845616	1.05686	1.05686	0.0204311	2.20898	2.20898	0.0357046	0.499893	-2.00043	0.0175568	0.440534	-2.26997	0.00933645	2.54791	2.54791	5.75734	7.3372	1.13281	1
cg07694025	SFRP2	0.0128149	0.630481	0.770612	-1.29767	0.00605247	0.145538	-6.87105	0.0336509	0.263457	-3.79568	0.00345878	0.118359	-8.44884	0.0227576	0.230978	-4.32942	0.148497	2.30055	2.30055	0.626191	1.30199	1.30199	0.906072	0.938514	-1.06551	0.191303	2.10385	2.10385	5.45563	24.9717	4.06865	1
cg24968721	SFRP2	0.0132378	0.403764	1.44314	1.44314	0.00432372	0.194426	-5.14334	0.0173855	0.288383	-3.46761	0.473662	0.731329	-1.36737	0.0295607	0.332869	-3.00418	0.199123	0.558477	-1.79058	0.0252938	3.13268	3.13268	0.0215049	0.305535	-3.27295	0.227617	0.580545	-1.72252	5.39807	15.7603	2.59521	1
cg25775322	SFRP2	0.0155363	0.450457	1.17063	1.17063	0.0332578	0.600587	-1.66504	0.0179501	1.80256	1.80256	0.182292	0.748251	-1.33645	0.0659852	0.65534	-1.52593	0.634518	1.10309	1.10309	0.00232017	0.418284	-2.39072	0.877676	0.968936	-1.03206	0.123253	0.710292	-1.40787	5.12077	3.40437	0.590948	1
cg13732865	SFRP2	0.0171281	0.322714	1.6139	1.6139	0.00401582	0.163444	-6.1183	0.0136619	0.239493	-4.17549	0.316789	0.615733	-1.62408	0.630869	0.797032	-1.25465	0.856711	0.918794	-1.08838	0.0179687	3.84689	3.84689	0.0410891	0.331399	-3.01751	0.38294	0.657537	-1.52083	4.95702	17.2381	3.09113	1
cg21657059	SFRP2	0.0200176	0.354969	1.49285	1.49285	0.196336	0.562544	-1.77764	0.00313157	0.182501	-5.47943	0.722004	0.860339	-1.16233	0.516018	1.31957	1.31957	0.5991	1.25029	1.25029	0.0154093	3.49693	3.49693	0.023605	0.320409	-3.12102	0.419826	0.706754	-1.41492	4.70316	13.2075	2.49619	1
cg11354906	SFRP2	0.0202891	0.540986	0.909623	-1.09936	0.00583971	0.575546	-1.73748	0.0289773	0.674319	-1.48298	0.00250988	0.525994	-1.90116	0.433353	1.13017	1.13017	0.515268	1.10626	1.10626	0.366408	0.867594	-1.15261	0.377999	0.870706	-1.14849	0.305889	1.17617	1.17617	4.68167	1.73713	0.329822	1
cg01298731	SFRP2	0.0267504	0.426745	1.32757	1.32757	0.090107	0.520892	-1.91978	0.00409853	0.260609	-3.83717	0.848925	0.935582	-1.06885	0.249634	1.52212	1.52212	0.639807	1.17889	1.17889	0.0385845	2.30853	2.30853	0.0283563	0.405096	-2.46855	0.960997	0.98307	-1.01722	4.2555	8.21678	1.71632	1
cg05874561	SFRP2	0.0270805	0.678511	0.813299	-1.22956	0.23625	0.540464	-1.85026	0.274574	0.56914	-1.75704	0.170967	0.485399	-2.06016	0.767339	0.86321	-1.15847	0.256605	1.79871	1.79871	0.640861	0.792206	-1.2623	0.00100862	11.2374	11.2374	0.190901	1.98702	1.98702	4.23723	16.4961	3.46056	1
cg07859799	SFRP2	0.0282581	0.642632	0.945393	-1.05776	0.00229688	0.599234	-1.6688	0.750417	0.962376	-1.03909	0.0504915	1.30717	1.30717	0.28147	0.874141	-1.14398	0.0180037	0.707962	-1.41251	0.717147	0.957222	-1.04469	0.0905789	0.799254	-1.25117	0.578831	0.934837	-1.06971	4.17426	0.954717	0.203303	1
cg04959480	SFRP2	0.028267	0.478161	1.46289	1.46289	0.00762072	0.163655	-6.11043	0.0188176	0.222834	-4.48765	0.481177	0.685421	-1.45896	0.0357332	0.275493	-3.62986	0.305966	0.571687	-1.74921	0.129673	2.37181	2.37181	0.0201814	0.228098	-4.38408	0.258378	0.536799	-1.86289	4.1738	18.3964	3.91787	1
cg05774801	SFRP2	0.0400535	0.460553	0.696892	-1.43494	0.0973328	0.417059	-2.39774	0.56041	1.32709	1.32709	0.644664	0.799937	-1.2501	0.107749	0.430138	-2.32484	0.0105911	4.68901	4.68901	0.784041	1.14116	1.14116	0.037306	3.19561	3.19561	0.0478642	2.96642	2.96642	3.68133	13.4708	3.25264	1
cg13400306	SFRP4	0.0114069	0.151651	0.727545	-1.37448	0.663305	0.913288	-1.09495	0.206129	0.758705	-1.31804	0.104281	0.692313	-1.44443	0.000254075	0.287035	-3.48389	0.028766	0.586241	-1.70578	0.228825	1.29888	1.29888	0.839433	0.958862	-1.0429	0.920218	0.979469	-1.02096	5.66573	3.84734	0.603604	1
cg08261094	SFRP4;SFRP4	0.0177259	0.904856	1.01372	1.01372	0.434433	1.09517	1.09517	0.670529	1.04999	1.04999	0.309497	0.887021	-1.12737	0.833044	1.02435	1.02435	0.561411	1.06923	1.06923	0.00111443	0.578443	-1.72878	0.783312	0.969064	-1.03192	0.00376805	0.640389	-1.56155	4.90033	1.0085	0.182935	1
cg25783719	SFRP4;SFRP4	0.01955	0.0430902	0.808241	-1.23726	0.795956	1.02399	1.02399	0.181919	0.87844	-1.13838	0.18951	0.880622	-1.13556	0.354963	1.09094	1.09094	0.114033	0.854483	-1.1703	0.00673467	0.725148	-1.37903	0.00547706	0.715972	-1.3967	0.0827513	1.19214	1.19214	4.74104	0.628279	0.117795	1
cg11878069	SFRP4;SFRP4	0.0315529	0.00513207	0.287842	-3.47412	0.970797	1.01241	1.01241	0.121207	1.76129	1.76129	0.361002	0.72882	-1.37208	0.156968	1.66516	1.66516	0.0178906	0.379279	-2.63658	?	?	?	0.424721	0.759861	-1.31603	0.627174	1.17926	1.17926	4.08079	6.51931	1.59756	1
cg06569729	SFRP5	6.10E-05	5.95E-05	2.15454	2.15454	0.287748	0.89219	-1.12084	0.000690331	1.70812	1.70812	0.488516	1.07544	1.07544	0.000777977	1.69127	1.69127	0.0123949	0.724901	-1.3795	0.000698828	1.70638	1.70638	1.94E-05	2.44904	2.44904	0.0265679	0.762088	-1.31219	25.2566	4.27294	0.150384	1
cg02363630	SFRP5	0.000382648	0.000169503	0.513456	-1.94759	0.160304	1.1692	1.1692	0.0480089	0.790131	-1.26561	0.956677	1.00568	1.00568	0.00119185	0.609527	-1.64062	0.189061	0.865023	-1.15604	2.09E-05	0.408946	-2.44531	0.0805557	0.817107	-1.22383	0.101525	0.82958	-1.20543	15.3871	2.64673	0.152897	1
cg16536739	SFRP5	0.00139348	0.00564558	0.329802	-3.03212	0.00161897	0.251567	-3.97509	0.00441735	0.313355	-3.19127	0.200781	1.51086	1.51086	0.0100679	0.370877	-2.69631	0.732411	0.900487	-1.11051	0.000105847	0.123614	-8.0897	0.10242	0.579356	-1.72605	0.0277381	0.451761	-2.21356	10.7039	15.8123	1.31311	1
cg24390322	SFRP5	0.00169473	0.00177083	4.03631	4.03631	0.0432868	2.0721	2.0721	0.382563	1.324	1.324	0.220393	0.667766	-1.49753	0.00264749	3.68222	3.68222	0.0179702	2.46233	2.46233	0.022993	0.426427	-2.34507	0.000597572	5.26086	5.26086	0.0196923	2.41799	2.41799	10.1169	15.7391	1.38287	1
cg25156443	SFRP5	0.00640724	0.0444744	0.710014	-1.40842	0.263849	1.18868	1.18868	0.0365159	1.43427	1.43427	0.0015623	0.509399	-1.9631	0.148874	0.79474	-1.25827	0.311922	1.16794	1.16794	0.00433834	0.567964	-1.76067	0.870453	0.97607	-1.02452	0.138853	1.26671	1.26671	6.79962	2.37158	0.310028	1
cg10851413	SFRP5	0.00657703	0.00245553	0.16821	-5.94496	0.664352	0.831343	-1.20287	0.259123	1.6456	1.6456	0.0386264	0.362963	-2.7551	0.339682	1.51641	1.51641	0.126316	0.496702	-2.01328	0.000637187	0.108704	-9.19932	0.238371	1.68624	1.68624	0.392495	0.690298	-1.44865	6.74466	19.1213	2.52003	1
cg22831607	SFRP5	0.0112139	0.273169	1.28933	1.28933	0.0117817	2.01565	2.01565	0.209951	1.34234	1.34234	0.0116498	0.495314	-2.01892	0.00549924	2.25537	2.25537	0.452289	1.18605	1.18605	0.0779863	1.54714	1.54714	0.550423	1.14411	1.14411	0.0464468	0.60155	-1.66237	5.69704	4.48026	0.69904	1
cg10749912	SFRP5	0.0213188	0.00682931	0.499187	-2.00326	0.330239	1.22044	1.22044	0.325738	1.22286	1.22286	0.124768	0.719281	-1.39028	0.187147	1.31945	1.31945	0.00974845	0.523021	-1.91197	0.0226263	0.582043	-1.71808	0.420643	1.17719	1.17719	0.657057	0.915213	-1.09264	4.60327	2.86622	0.553465	1
cg09874752	SFRP5	0.023995	0.985922	1.00258	1.00258	0.220345	1.20664	1.20664	0.0218941	1.49318	1.49318	0.990386	1.00176	1.00176	0.941859	1.01069	1.01069	0.096771	1.30441	1.30441	0.00305321	0.553514	-1.80664	0.755248	1.04664	1.04664	0.0391888	1.41604	1.41604	4.41972	1.48742	0.299148	1
cg09542745	SFRP5	0.0398256	0.36932	0.854713	-1.16998	0.558223	0.904099	-1.10607	0.212678	1.25043	1.25043	0.776	0.952587	-1.04977	0.0195556	1.61676	1.61676	0.0135779	1.68205	1.68205	0.0215448	0.624995	-1.60001	0.675808	0.930893	-1.07424	0.513605	1.1194	1.1194	3.68907	1.69389	0.408146	1
cg06692050	SFRP5	0.0415873	0.158507	0.778621	-1.28432	0.171503	0.785318	-1.27337	0.864967	0.972141	-1.02866	0.587743	1.09512	1.09512	0.0622724	1.41679	1.41679	0.492044	1.12282	1.12282	0.00284546	1.97759	1.97759	0.129592	1.31238	1.31238	0.284483	1.2027	1.2027	3.63059	1.5846	0.387962	1
cg13290001	SFRP5	0.0457912	0.999545	0.999779	-1.00022	0.0296567	0.370216	-2.70113	0.0115277	0.293332	-3.40911	0.761145	1.12563	1.12563	0.16779	0.565162	-1.76941	0.110822	1.96276	1.96276	0.0167473	0.321943	-3.10614	0.971382	1.01402	1.01402	0.425258	0.729024	-1.3717	3.50257	8.3578	2.12106	1
cg22560197	SFRS11	6.01E-07	2.60E-05	3.23618	3.23618	0.00151985	0.544395	-1.8369	9.03E-05	0.379355	-2.63606	?	?	?	?	?	?	3.81E-08	0.0466629	-21.4303	0.00150022	0.543632	-1.83948	0.000872167	1.9539	1.9539	0.0155613	1.46863	1.46863	136.594	25.8924	0.189557	1
cg21535226	SFRS11	0.000304723	0.00457738	0.375099	-2.66596	0.196996	0.701676	-1.42516	0.00314169	0.350403	-2.85385	0.0274308	0.507829	-1.96917	3.33E-05	0.123524	-8.09557	0.00124855	0.293852	-3.40307	6.15E-05	0.146594	-6.82158	0.463489	1.21388	1.21388	0.0326468	0.522371	-1.91435	16.3799	17.5026	0.949813	1
cg13672268	SFRS11	0.00133027	0.00333412	0.64788	-1.5435	0.491125	1.07894	1.07894	0.000883913	1.71831	1.71831	0.0074206	0.687523	-1.4545	0.0289952	0.756055	-1.32266	0.785217	0.970759	-1.03012	0.0220422	0.742063	-1.34759	0.129588	1.19471	1.19471	0.00624773	1.47278	1.47278	10.8473	2.02758	0.166151	1
cg12747167	SFRS11	0.00184491	0.258043	0.811708	-1.23197	6.27E-05	0.271674	-3.68088	0.0170127	0.597885	-1.67256	0.0544775	1.47058	1.47058	0.0934922	1.38552	1.38552	0.46479	0.876777	-1.14054	0.0871204	0.716114	-1.39643	0.161942	1.30209	1.30209	0.195072	0.784858	-1.27412	9.87094	4.88453	0.439857	1
cg11144775	SFRS11	0.00650195	0.0702557	0.63255	-1.5809	0.903102	1.02795	1.02795	0.00737337	0.45772	-2.18474	0.122357	0.684586	-1.46074	0.000246963	0.254106	-3.93537	0.0481698	0.599837	-1.66712	0.0275541	0.554439	-1.80362	0.333571	1.25324	1.25324	0.248389	0.761021	-1.31402	6.76874	5.49135	0.721138	1
cg24367316	SFRS11;LRRC40	0.0317952	0.945603	0.990972	-1.00911	0.0494594	0.742321	-1.34713	0.21755	1.18818	1.18818	0.0926201	0.781938	-1.27887	0.36622	1.13132	1.13132	0.0536247	0.747292	-1.33817	0.00492535	0.609511	-1.64066	0.111663	0.794311	-1.25895	0.225648	1.18427	1.18427	4.00306	1.12006	0.248712	1
cg23438810	SFRS12;SFRS12	0.000147014	0.0174473	0.717791	-1.39316	0.051821	0.778229	-1.28497	0.104845	0.819116	-1.22083	0.0152092	1.40791	1.40791	0.000258352	0.483761	-2.06714	0.00698121	0.667692	-1.4977	5.29E-06	0.266784	-3.74836	0.00510206	0.650517	-1.53724	0.00137187	0.577918	-1.73035	25.8182	4.93455	0.148654	1
cg02704927	SFRS12;SFRS12	0.00170161	0.000168587	0.678119	-1.47467	0.0594238	1.13782	1.13782	0.164061	1.09428	1.09428	0.117384	0.901946	-1.10871	0.0621384	1.1359	1.1359	0.441035	0.953444	-1.04883	0.00488625	0.797435	-1.25402	0.00506482	0.798621	-1.25216	0.902071	0.992558	-1.0075	10.105	0.589273	0.0518355	1
cg15650694	SFRS12;SFRS12	0.0252355	0.751964	0.951371	-1.05111	0.723443	0.94567	-1.05745	0.867148	0.97402	-1.02667	0.177712	1.25257	1.25257	0.289555	0.841275	-1.18867	0.914002	0.983159	-1.01713	0.000878225	0.456464	-2.19075	0.116289	1.30779	1.30779	0.176605	1.25339	1.25339	4.34304	1.70032	0.348004	1
cg00020405	SFRS12;SFRS12	0.0358445	0.0818468	0.626178	-1.59699	0.326878	0.782136	-1.27855	0.449619	0.829411	-1.20568	0.891567	1.03367	1.03367	0.0299034	0.537816	-1.85937	0.73955	1.08437	1.08437	0.00189352	0.343413	-2.91195	0.0214823	0.511403	-1.95541	0.337585	0.786621	-1.27126	3.83386	3.57877	0.829746	1
cg09001528	SFRS12;SFRS12	0.0423677	0.322679	0.792538	-1.26177	0.0142677	0.502636	-1.98951	0.800021	1.05948	1.05948	0.800822	0.944086	-1.05923	0.172268	1.39191	1.39191	0.00407999	0.415904	-2.4044	0.609137	0.889251	-1.12454	0.216628	1.34436	1.34436	0.525397	0.863753	-1.15774	3.60565	2.95835	0.729313	1
cg25928955	SFRS12;SFRS12	0.0498275	0.803623	1.02625	1.02625	0.313954	1.1144	1.1144	0.954785	1.00592	1.00592	0.0794592	1.22444	1.22444	0.0393843	1.28132	1.28132	0.139875	1.17965	1.17965	0.745146	1.03451	1.03451	0.00559926	0.684982	-1.45989	0.776033	0.970768	-1.03011	3.39258	0.581299	0.152306	1
cg18011946	SFRS12;SFRS12;SFRS12	0.0181807	0.0580523	0.805141	-1.24202	0.000967857	0.608402	-1.64365	0.456212	1.0798	1.0798	0.211854	0.875417	-1.14231	0.0162573	0.742806	-1.34625	0.0198948	0.752498	-1.32891	0.913588	0.989078	-1.01104	0.178992	0.865515	-1.15538	0.150455	0.855619	-1.16875	4.85877	0.787632	0.144093	1
cg00801823	SFRS12IP1	2.78E-06	0.14637	0.798546	-1.25228	0.0234594	0.676676	-1.47781	1.73E-06	0.178038	-5.61678	8.31E-06	0.245962	-4.06566	3.79E-07	0.12216	-8.18599	0.217151	1.20606	1.20606	2.24E-05	0.293396	-3.40837	0.0249159	1.46977	1.46977	0.000414921	0.445653	-2.2439	56.4436	18.6112	0.293094	1
cg08386422	SFRS12IP1	0.000336862	0.435964	0.862167	-1.15987	0.76337	1.05796	1.05796	0.00401078	0.486041	-2.05744	0.526705	0.887193	-1.12715	3.33E-05	0.222606	-4.49224	0.95704	1.0101	1.0101	3.75E-05	0.228182	-4.38247	0.785281	1.05228	1.05228	0.017618	0.583419	-1.71403	15.9358	8.78823	0.490202	1
cg10922981	SFRS12IP1	0.0358029	0.647193	0.889072	-1.12477	0.929693	0.977735	-1.02277	0.0520986	0.569053	-1.7573	0.123477	0.653296	-1.5307	0.0157337	0.46992	-2.12802	0.104381	0.635737	-1.57298	0.00608964	0.401034	-2.49356	0.89467	1.03438	1.03438	0.0101642	0.437314	-2.28669	3.83547	3.95487	0.916559	1
cg16624091	SFRS12IP1;SDCCAG10;SFRS12IP1	0.00237028	0.000222176	0.455149	-2.19708	0.497231	0.915543	-1.09225	0.784172	1.03577	1.03577	0.03264	0.726087	-1.37725	0.940825	0.99054	-1.00955	0.939035	0.990255	-1.00984	0.964536	1.00571	1.00571	0.0545223	1.32215	1.32215	0.00153804	1.79216	1.79216	9.17462	2.38161	0.230744	1
cg04021497	SFRS13A;SFRS13A	0.000332024	0.000844563	0.325517	-3.07204	0.144964	1.41914	1.41914	0.00368849	2.40517	2.40517	0.0257818	1.80769	1.80769	2.59E-05	0.155159	-6.44501	0.598985	1.12599	1.12599	0.427426	0.834275	-1.19865	0.198643	1.35495	1.35495	0.63928	1.11134	1.11134	15.9992	12.6711	0.703988	1
cg03944843	SFRS13A;SFRS13A	0.000821085	0.0647774	0.688624	-1.45217	0.00189593	2.20709	2.20709	0.936917	1.01434	1.01434	0.0425067	1.52216	1.52216	0.000112371	0.295021	-3.38959	0.544924	1.1165	1.1165	0.00317115	0.484342	-2.06466	0.0865556	1.40566	1.40566	0.771708	0.94902	-1.05372	12.4406	6.37395	0.455421	1
cg22499893	SFRS13A;SFRS13A	0.00938242	0.0600866	0.656145	-1.52405	0.203155	1.3059	1.3059	0.00270047	0.438897	-2.27844	0.679117	0.920679	-1.08616	0.00331926	0.451848	-2.21313	0.0863859	1.45699	1.45699	0.716654	1.0751	1.0751	0.12786	1.38687	1.38687	0.1364	0.727017	-1.37548	6.03207	3.77094	0.555688	1
cg26856289	SFRS13A;SFRS13A	0.0339656	0.0197015	0.449278	-2.22579	0.684238	1.12315	1.12315	0.158622	0.651796	-1.53422	0.216226	0.690978	-1.44722	0.00273395	0.308871	-3.2376	0.367894	0.768962	-1.30045	0.409296	0.786862	-1.27087	0.0940774	1.68687	1.68687	0.187596	0.672553	-1.48687	3.90927	4.9953	1.13583	1
cg08262582	SFRS13A;SFRS13A;SFRS13A;SFRS13A	0.00188215	0.0993209	0.496355	-2.01469	0.244537	1.59767	1.59767	0.0706172	2.1941	2.1941	0.00798182	0.258477	-3.86882	0.629414	0.830223	-1.2045	0.0349131	0.381892	-2.61854	0.000134184	0.0622729	-16.0584	0.00146289	0.154691	-6.4645	0.0598352	0.437287	-2.28683	11.7235	26.5536	1.76165	1
cg09198360	SFRS13B	0.00163435	0.50378	0.80654	-1.23986	0.137413	0.602297	-1.66031	0.0906487	0.55391	-1.80535	0.548851	0.825118	-1.21195	0.000792942	0.200613	-4.98473	0.000172015	0.132303	-7.55843	0.000326204	0.158735	-6.29982	0.630061	0.85745	-1.16625	0.0882687	0.550985	-1.81493	10.2235	16.2607	1.41379	1
cg20071981	SFRS13B	0.00340978	0.00817047	0.420586	-2.37763	0.0105523	2.27772	2.27772	0.646535	1.12541	1.12541	0.0534074	0.570399	-1.75316	0.000400547	0.236713	-4.22453	0.953442	0.985171	-1.01505	0.194119	0.703621	-1.42122	0.297193	1.31856	1.31856	0.0236129	0.500797	-1.99682	8.2379	8.54204	0.921707	1
cg01466298	SFRS13B	0.0142	0.00171281	0.334835	-2.98654	0.359552	0.794349	-1.25889	0.0427227	1.76848	1.76848	0.776801	1.07193	1.07193	0.0408924	0.561711	-1.78028	0.518229	1.17361	1.17361	0.125786	0.667057	-1.49912	0.236531	1.35408	1.35408	0.0300356	0.535946	-1.86586	5.27522	4.99042	0.8409	1
cg12018549	SFRS13B;SFRS13B	0.0167399	0.0774172	0.350008	-2.85708	0.511199	1.42812	1.42812	0.318638	1.73535	1.73535	0.0565905	0.31532	-3.17138	0.00156128	0.0879429	-11.371	?	?	?	0.894403	1.0736	1.0736	0.705414	1.2252	1.2252	0.056531	3.17248	3.17248	5.08848	20.4878	4.02631	1
cg12980900	SFRS14;ARMC6;SFRS14	0.0264543	0.595722	1.06773	1.06773	0.338433	1.12837	1.12837	0.0123759	1.4639	1.4639	0.717122	0.956444	-1.04554	0.449482	0.909987	-1.09892	0.253023	0.864055	-1.15733	0.0402868	1.3364	1.3364	0.0185032	1.41854	1.41854	0.00662688	1.53931	1.53931	4.27212	1.01357	0.210891	1
cg08393006	SFRS14;ARMC6;SFRS14	0.0374797	0.273076	1.19573	1.19573	0.0173543	0.635051	-1.57468	0.0122287	1.63099	1.63099	0.0359464	1.4658	1.4658	0.19098	1.24234	1.24234	0.340996	1.16623	1.16623	0.210207	1.2299	1.2299	0.123271	1.29906	1.29906	0.165428	1.26093	1.26093	3.77209	1.46726	0.345757	1
cg19275235	SFRS14;SFRS14	0.000210441	0.00167252	0.295417	-3.38504	0.00284759	0.328159	-3.04731	0.126513	0.638616	-1.56589	0.000752545	0.249927	-4.00117	2.59E-05	0.104286	-9.58902	0.000128008	0.164106	-6.09364	0.000152626	0.171708	-5.82384	0.159607	0.665158	-1.5034	0.111596	0.624911	-1.60023	18.1193	21.1228	1.03623	1
cg00733746	SFRS15;SFRS15;SFRS15	0.00753187	0.514326	1.06383	1.06383	0.175692	0.873949	-1.14423	0.383791	1.08716	1.08716	0.0159136	1.3182	1.3182	0.0013606	1.54506	1.54506	0.0055955	1.40555	1.40555	0.228733	0.888518	-1.12547	0.114211	0.851484	-1.17442	0.368413	0.917185	-1.09029	6.46541	0.896571	0.123264	1
cg01066046	SFRS15;SFRS15;SFRS15	0.0181394	0.52662	1.1488	1.1488	0.00721706	2.1163	2.1163	0.570608	1.13193	1.13193	0.0083785	2.07152	2.07152	0.117478	0.692379	-1.4443	0.019069	1.84692	1.84692	0.518659	1.15197	1.15197	0.007483	2.10531	2.10531	0.327835	1.24407	1.24407	4.8625	3.60026	0.658145	1
cg07177681	SFRS15;SFRS15;SFRS15	0.0470926	0.631015	1.12486	1.12486	0.00201342	2.88466	2.88466	0.445728	1.20802	1.20802	0.0233051	1.93307	1.93307	0.815547	1.05846	1.05846	0.119205	1.5085	1.5085	0.419363	1.22214	1.22214	0.0384596	1.79146	1.79146	0.149153	1.45659	1.45659	3.46584	3.24465	0.83216	1
cg18217206	SFRS15;SFRS15;SFRS15;SFRS15;SFRS15; SFRS15	0.015405	0.0143516	0.521557	-1.91734	0.008337	0.483321	-2.06902	0.761959	0.936585	-1.06771	0.0512737	0.619638	-1.61385	0.489312	0.859449	-1.16354	0.021161	0.550064	-1.81797	0.425623	1.19178	1.19178	0.0361317	1.69132	1.69132	0.174257	1.36571	1.36571	5.1352	3.7822	0.654689	1
cg14451452	SFRS15;SFRS15;SFRS15;SFRS15;SFRS15; SFRS15	0.0261773	?	?	?	0.0759843	0.268264	-3.72766	0.903627	1.08262	1.08262	0.133419	2.92511	2.92511	0.866307	0.895452	-1.11675	0.918096	0.934816	-1.06973	0.00738497	0.094721	-10.5573	0.0255389	5.97242	5.97242	0.0579551	4.18625	4.18625	4.81432	28.4897	5.17798	1
cg00407484	SFRS16	0.00221374	0.706653	0.866729	-1.15376	0.000548487	0.131251	-7.619	0.0555408	0.440068	-2.27238	0.243608	0.630317	-1.5865	0.00670114	0.264382	-3.78241	0.706222	0.866536	-1.15402	0.000116929	0.0778553	-12.8443	0.192354	0.593333	-1.68539	0.0185226	0.339465	-2.94581	9.36022	21.215	2.01467	1
cg13458812	SFRS16	0.00942438	0.981772	0.993893	-1.00614	0.379966	1.27316	1.27316	0.0114148	0.42785	-2.33727	0.0807984	0.594987	-1.68071	0.00128238	0.283984	-3.52132	0.00329346	0.341749	-2.92613	0.790522	1.074	1.074	0.0555193	0.558837	-1.78943	0.0663454	0.575685	-1.73706	6.02351	6.85963	1.01228	1
cg10379209	SFRS16	0.021135	0.0606755	0.532076	-1.87943	0.0834683	0.564609	-1.77114	0.462168	1.25021	1.25021	0.0125024	0.395723	-2.52702	0.00211966	0.275593	-3.62853	0.0953659	0.578882	-1.72747	0.591307	1.17553	1.17553	0.0300372	0.467013	-2.14127	0.157827	0.637271	-1.56919	4.61691	6.50882	1.25314	1
cg15224348	SFRS16	0.0285581	0.0361178	0.226087	-4.42308	0.0146855	0.160008	-6.24969	0.0203946	0.181741	-5.50233	0.587942	0.716237	-1.39619	0.00989432	0.136927	-7.30314	0.0270972	0.202664	-4.93428	0.0149475	0.161116	-6.2067	0.514636	0.668223	-1.49651	0.0442571	0.244198	-4.09504	4.15874	24.5146	5.23975	1
cg26985354	SFRS16	0.0331659	0.352058	0.85545	-1.16898	0.146416	0.775577	-1.28936	0.0392838	0.677868	-1.47521	0.919023	1.01672	1.01672	0.85518	1.03023	1.03023	0.959251	1.00836	1.00836	0.000693656	0.430038	-2.32538	0.694066	0.937584	-1.06657	0.4729	0.887791	-1.12639	3.94294	1.65975	0.37417	1
cg11569431	SFRS16;RELB	3.09E-06	3.85E-06	0.274034	-3.64918	0.00582725	0.6479	-1.54345	7.73E-06	0.307383	-3.25327	0.0613489	1.28839	1.28839	3.47E-06	0.269175	-3.71506	0.260524	0.868431	-1.1515	6.77E-07	0.196971	-5.07689	0.0694423	1.2765	1.2765	0.00143797	0.574723	-1.73997	54.9314	12.5707	0.203417	1
cg14684375	SFRS16;RELB	6.43E-05	0.00144624	0.330918	-3.0219	0.72752	1.08766	1.08766	0.263199	0.755618	-1.32342	0.952469	1.01442	1.01442	5.59E-06	0.0852488	-11.7304	5.17E-05	0.162122	-6.1682	0.000326258	0.247778	-4.03588	0.00019077	0.220826	-4.52846	0.929397	1.02152	1.02152	24.9104	22.7691	0.81248	1
cg26728986	SFRS16;RELB	0.0163671	0.178686	0.576147	-1.73567	0.815424	1.09444	1.09444	0.27146	0.642864	-1.55554	0.302256	0.662032	-1.5105	0.000316538	0.105237	-9.50239	0.753591	0.885564	-1.12922	0.0180251	0.329939	-3.03087	0.855787	0.932198	-1.07273	0.139297	0.54115	-1.84792	5.03283	11.872	2.0968	1
cg08183291	SFRS18;SFRS18	1.04E-06	0.00145194	1.25152	1.25152	6.63E-07	0.516331	-1.93674	0.961412	0.997643	-1.00236	0.432659	1.03982	1.03982	2.45E-05	0.664028	-1.50596	2.95E-07	2.08318	2.08318	0.000679529	0.776273	-1.28821	0.0167767	1.15298	1.15298	0.00460084	1.20194	1.20194	72.5643	2.73339	0.0334831	1
cg17758439	SFRS18;SFRS18	0.00017816	0.0577802	0.689987	-1.4493	0.00160058	0.456978	-2.18829	1.59E-05	0.214184	-4.66889	0.0231608	0.625242	-1.59938	0.158169	0.770294	-1.29821	0.57175	1.1039	1.1039	3.30E-05	0.247987	-4.03246	0.471004	1.13524	1.13524	0.00313289	0.497225	-2.01116	18.9556	8.983	0.421242	1
cg22662362	SFRS18;SFRS18	0.00104308	0.00527351	1.36348	1.36348	0.651311	1.03909	1.03909	0.00981414	1.31673	1.31673	0.277464	1.09988	1.09988	0.00187362	1.45025	1.45025	0.000767543	1.53641	1.53641	0.0124773	0.769505	-1.29954	0.00608022	0.739399	-1.35245	0.0463292	1.21213	1.21213	11.6265	1.30819	0.100016	1
cg08494713	SFRS18;SFRS18	0.00176761	0.00209473	0.395148	-2.5307	0.0669914	0.643755	-1.55339	0.410702	0.83489	-1.19776	3.53E-05	0.180291	-5.5466	0.5077	0.865749	-1.15507	0.379406	0.824127	-1.2134	0.319386	1.24699	1.24699	0.71038	0.923104	-1.0833	0.774727	1.06349	1.06349	9.99427	7.28341	0.647786	1
cg17437621	SFRS18;SFRS18	0.00280726	0.181539	0.643261	-1.55458	0.343978	0.738411	-1.35426	0.0391021	0.47578	-2.10181	0.575492	0.838617	-1.19244	0.000296397	0.159967	-6.2513	0.0819412	0.549021	-1.82142	0.000596054	0.192317	-5.19974	0.423895	1.28927	1.28927	0.00307858	0.283537	-3.52688	8.72828	13.3778	1.3624	1
cg20999246	SFRS18;SFRS18	0.0118902	0.0140252	0.308257	-3.24405	0.0254153	2.80294	2.80294	0.00399359	4.48698	4.48698	0.975648	1.01191	1.01191	0.0257544	0.35792	-2.79392	0.88527	1.05761	1.05761	0.392061	1.40522	1.40522	0.120988	0.520811	-1.92008	0.400439	1.39645	1.39645	5.59013	13.3266	2.11907	1
cg06437222	SFRS18;SFRS18	0.0184234	0.193698	0.51835	-1.9292	0.408943	0.66795	-1.49712	0.797679	0.884489	-1.1306	0.232552	1.81879	1.81879	0.0765731	2.56314	2.56314	0.599813	0.776497	-1.28784	0.000526857	0.0757173	-13.207	0.90355	0.943721	-1.05964	0.520015	1.3656	1.3656	4.83712	17.4904	3.21412	1
cg12400430	SFRS18;SFRS18	0.0191642	0.974283	0.993979	-1.00606	0.000558523	0.36681	-2.72621	0.781182	1.05356	1.05356	0.0759172	0.690682	-1.44784	0.815617	0.95718	-1.04474	0.100114	0.713518	-1.40151	0.780408	1.05376	1.05376	0.101918	1.39855	1.39855	0.798985	0.953314	-1.04897	4.77315	2.65364	0.494179	1
cg12216205	SFRS18;SFRS18	0.0424346	0.0565825	0.587304	-1.7027	0.771758	0.930788	-1.07436	0.628829	0.886823	-1.12762	0.332779	0.781629	-1.27938	0.0101363	0.449425	-2.22507	0.748876	1.08242	1.08242	0.00307833	0.368201	-2.71591	0.536704	1.1668	1.1668	0.288659	0.762141	-1.31209	3.60353	3.47047	0.856066	1
cg25446960	SFRS1;SFRS1	1.89E-07	1.80E-09	0.0117444	-85.1472	0.00311051	1.86764	1.86764	0.00121592	2.07795	2.07795	0.0110652	0.611317	-1.63581	0.0865583	0.746462	-1.33965	0.00230453	0.51797	-1.93061	0.178117	0.801713	-1.24733	0.42241	1.13493	1.13493	0.764904	1.04741	1.04741	112.047	42.3358	0.335859	1
cg18089193	SFRS1;SFRS1	1.85E-05	7.43E-05	1.47918	1.47918	0.000419892	0.737801	-1.35538	4.12E-05	0.653729	-1.52969	0.0116509	1.18704	1.18704	7.81E-06	1.70413	1.70413	0.0452486	1.13306	1.13306	0.181901	1.08011	1.08011	0.450135	0.959013	-1.04274	0.00383518	1.2361	1.2361	34.5611	1.61898	0.0416391	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(1047 vs. N))	p-value(1057 vs. N)	Fold-Change(1-p-value(1057 vs. N))	Ratio(1117 vs. N)	Fold-Change(1-Ratio(1117 vs. N))	p-value(1127 vs. N)	Fold-Change(1-p-value(1127 vs. N))	p-value(1217 vs. N)	Fold-Change(1-p-value(1217 vs. N))	p-value(1477 vs. N)	Fold-Change(1-p-value(1477 vs. N))	p-value(1527 vs. N)	Fold-Change(1-p-value(1527 vs. N))	p-value(1537 vs. N)	Fold-Change(1-p-value(1537 vs. N))	p-value(1547 vs. N)	Fold-Change(1-p-value(1547 vs. N))	p-value(1637 vs. N)	Fold-Change(1-p-value(1637 vs. N))	T(Test)	S5(Test)	S5(Error)	F(Error)
cg07817279	SFRS1;SFRS1	0.00288257	0.176416	0.875674	-1.14198	1.00229344	0.576203	-1.75376	0.00493337	0.708937	-1.41056	0.772375	0.102716	0.0284954	1.26971	1.26971	0.266186	1.11296	1.11296	0.130401	0.859933	1.16288	0.0499727	0.808524	-1.23582	0.1754931	1.14234	1.65124	1.16921	0.120133	1
cg02571920	SFRS1;SFRS1	0.00471582	0.0096987	0.784338	-1.27496	0.795314	0.980886	-1.01949	0.159379	1.11811	1.11811	0.226159	1.09894	1.09894	0.00356547	0.74594	1.34059	0.01215558	0.792933	-1.26114	0.47823	0.947883	-1.05498	0.00261355	1.36267	1.36267	0.982667	1.00161	7.47603	0.652066	0.0775857	1
cg22653469	SFRS1;SFRS1	0.00743453	0.000377172	0.031321	-31.9275	0.733954	1.16227	1.16227	0.745861	0.866466	-1.15411	0.290356	0.612878	-1.63165	0.465362	0.719545	-1.38977	0.532059	1.32301	1.32301	0.103211	2.25007	2.25007	0.397611	0.680765	-1.46894	0.193355	0.538744	-1.85617	0.94181	26.1365	1.94864	1
cg00940166	SFRS1;SFRS1	0.00945216	0.0425722	0.295623	-3.3827	0.779427	2.77973	2.77973	0.998464	0.998096	-1.00101	0.579555	0.746301	-1.33922	0.0140747	0.205504	-4.86455	0.0835684	0.368028	-2.71716	0.0020003	0.100614	-9.74528	0.00423672	0.335586	-7.3754	0.0687501	0.345434	-2.89569	0.02824	26.0093	3.83504	1
cg16177812	SFRS1;SFRS1	0.0231775	0.0156793	0.202096	-4.94814	0.051754	0.302686	-3.30375	0.170645	0.454896	-2.1983	0.314912	0.570626	-1.75246	0.0711901	0.179754	-5.56317	0.16302	0.447597	-2.23415	0.00162069	0.0872456	-11.4619	0.0792091	0.349229	-2.86345	0.0423891	0.283095	-3.55238	0.47299	20.6466	4.10298	1
cg06626750	SFRS1;SFRS1	0.0304651	0.031813	0.281705	-3.54982	0.0980677	0.401047	-2.49347	0.947224	0.1089	-1.03189	0.872886	0.922546	-1.08396	0.0490878	0.302307	-3.30823	0.0497808	0.324092	-3.08555	0.00333361	0.133757	-7.47623	0.0140792	0.217403	-4.59976	0.103146	0.407534	-2.45378	4.06455	16.3194	3.56885	1
cg00239061	SFRS1;SFRS1	0.0350824	0.0277781	1.65804	1.65804	0.712848	0.930658	-1.07451	0.682176	1.08334	1.08334	0.454292	1.15972	1.15972	0.0021065	0.431409	-2.31798	0.940394	0.985567	-1.01464	0.910349	0.97834	-1.02214	0.188381	0.762649	-1.31122	0.189797	0.763387	-1.30995	3.86384	2.31284	0.532077	1
cg24868248	SFRS1;SFRS1	0.0439552	?	?	?	?	?	?	?	?	?	?	1.24782	1.24782	?	?	?	0.260799	2.50603	2.50603	0.0210362	7.94107	7.94107	0.0515902	0.154091	-6.49418	0.1402108	1.94425	1.94425	5.39792	19.1582	3.54919	1
cg08077726	SFRS2;MFSD11	0.0309377	0.446299	0.941461	-1.06218	0.642713	0.964349	-1.03697	0.00239757	0.719841	-1.38919	0.752404	0.975708	-1.02469	0.160808	1.12344	1.12344	0.4379	1.06342	1.06342	0.0734258	0.856326	-1.16778	0.0180472	0.799955	-1.25007	0.609119	1.04079	0.43429	0.386563	0.0850034	1
cg10590134	SFRS2B	0.021836	0.512023	1.09798	1.09798	0.000612592	2.09954	2.09954	0.0323	1.42237	1.42237	0.440436	0.895316	-1.11692	0.524518	1.09488	1.09488	0.878087	1.02181	1.02181	0.54314	1.09036	1.09036	0.171624	0.8150616	-1.22697	0.7836445	1.03944	1.03944	4.56564	1.42848	0.278112	1
cg17603763	SFRS2B	0.0355574	0.0048044	0.215669	-4.64196	0.0246854	0.219284	-4.56002	0.0134	0.0576045	-1.03407	0.246324	0.557216	-1.79402	0.0037841	0.131291	-6.52356	0.59326	0.7178	-1.39344	0.2912	0.5504	-1.81727	0.0178342	0.347356	-2.87928	0.0129126	0.190553	-5.24606	0.00185	3.84606	14.0387	3.24543	1
cg14706107	SFRS2B;SFRS2B	0.00630814	0.187943	0.737123	-1.35663	0.000913322	2.95531	2.95531	0.0274585	1.76847	1.76847	0.802452	1.05632	1.05632	0.756314	-1.32132	0.0075467	0.0048044	0.441336	-2.26585	0.231975	0.760314	-1.31525	0.194342	0.740722	-1.35003	0.293345	1.26906	1.26906	6.83254	5.17064	0.672682	1
cg16922861	SFRS2IP	0.3186-06	0.133505	0.8971173	-1.12196	0.149372	1.11832	1.11832	0.0324174	1.35327	1.35327	0.0075467	0.783242	-1.27674	0.1841163	0.604752	-1.10528	0.0353997	0.042106	-23.7482	0.0001255	0.0015574	-1.11051	0.935574	1.07231	1.07231	0.70731	1.07231	0.8308368	1.01532	1.01532	5.43317	4.34398	0.0706169	1
cg17334520	SFRS2IP	0.00125648	0.00344796	0.404922	-2.46961	0.937606	1.01795	2.77795	0.0371912	0.576777	-1.73379	0.6293417	1.79306	1.79306	0.00488078	0.427911	-2.33693	0.0176506	0.518374	-1.92911	0.000393182	0.32537	-3.07342	0.00309946	2.51099	2.51099	0.324446	0.793338	-1.2605	11.026	9.03828	0.728647	1
cg12658552	SFRS2IP	0.00158969	0.0148755	0.280824	-3.56095	0.015625	0.28459	-3.51383	0.0020661	0.158465	-6.31135	0.17604	0.543395	-1.84028	7.69E-05	0.0479872	-20.8389	0.00779554	0.234974	-4.25578	0.0626949	0.221198	-4.52083	0.329184	0.652492	-1.53259	0.00325199	0.182433	-5.48347	10.3056	29.3388	2.53055	1
cg04700215	SFRS2IP	0.00511742	0.2031224	0.4805454	2.08126	0.0422424	0.722941	-1.38324	0.345105	0.1308	-7.64911	0.0711471	0.00756557	0.456306	0.0013239	0.00033526	0.2134529	0.0419965	0.696489	-1.43577	0.0644486	1.37793	1.37793	0.262702	0.7145525	1.39974	1.39974	0.0038938	0.36829	-2.71525	2.78674	0.3755313	0.885057	1
cg19384913	SFRS2IP	0.00544458	0.00076746	0.337103	-2.96645	0.017246	1.85738	1.85738	0.0293788	1.72908	1.72908	0.228611	1.30952	1.30952	0.840229	1.04402	1.04402	0.0116609	0.510312	-1.95959	0.408937	0.8350668	-1.19751	0.320993	1.24462	1.24462	0.712181	1.08229	1.08229	7.14975	5.15738	0.64119	1
cg12106746	SFRS2IP	0.0257222	0.335251	1.23743	1.23743	0.0841387	0.663842	-1.50634	0.834161	1.04597	1.04597	0.525707	0.871223	-1.14781	0.0349279	0.588339	-1.6997	0.00202663	0.193308	-2.54254	0.0197096	0.5467021	-1.82915	0.913826	0.814481	-1.22778	0.417209	1.19452	1.19452	4.31422	3.14055	0.64707	1
cg15069785	SFRS2IP	0.0088808	0.110359	0.7642257	-1.30863	0.0206729	0.549847	-1.81869	0.134006	0.779239	-1.2833	0.834862	1.01275	1.01275	0.0996304	0.754431	-1.3255	0.0419565	0.696489	-1.43577	0.0644486	1.37793	1.37793	0.262702	0.7145525	1.39755	1.39755	0.0038938	0.36829	-2.71525	2.78674	0.3755398	1
cg03546476	SFRS2IP	0.030676	0.878168	0.966246	-1.03493	0.00101378	0.335763	-2.97829	0.169205	0.720475	-1.38797	0.772248	0.937104	-1.06712	0.58803	1.13023	1.13023	0.262262	0.769778	-1.29908	0.914519	0.9762552	-1.02433	0.0871356	1.52628	1.52628	0.144526	0.704104	-1.42025	4.05458	3.21749	0.705375	1
cg13110350	SFRS2IP	0.0079194	0.0073139	0.440349	-2.27043	0.0743213	0.514	-1.9441	0.548795	1.15174	1.15174	0.597978	0.926774	-1.07932	0.0768704	0.324227	-3.08407	0.0306704	0.553649	-1.8062	0.1439656	0.398769	-2.50772	0.0849246	1.00746	-1.01141	0.252143	0.756869	-1.32123	3.79195	3.25659	0.763391	1
cg25022342	SFRS2IP	0.0376461	0.257721	0.905003	-1.10497	0.35528	0.922779	-1.08368	0.0430374	1.21746	1.21746	0.501497	0.828004	-1.20772	0.0823407	0.10941	-9.14099	0.0158276	1.28379	1.28379	0.65674	0.962904	-1.03853	0.651091	1.03923	1.03923	0.0271809	1.24727	1.24727	3.766	0.42602	0.100554	1
cg05734154	SFRS2IP	0.0378249	0.0288483	0.5217	-1.91681	0.0384429	0.645356	-1.54944	0.0866168	0.842484	-1.18682	0.0424776	0.824678	-1.21308	0.0276753	0.446972	-2.23717	0.0024703	0.082747	-12.0864	0.0020305	0.0875483	0.0705245	0.716209	-1.39624	0.0470997	0.890759	-1.12284	0.7933	0.56006	0.388212	1
cg00500481	SFRS3	0.00361616	0.682649	0.91533	-1.09251	0.724355	1.07919	1.07919	0.955472	1.01209	1.01209	0.287444	1.26837	1.26837	0.723378	1.0795	1.0795	0.673479	1.09551	1.09551	4.25E-05	0.187309	-5.33877	0.613907	1.11572	1.11572	0.60649	1.11833	1.11833	8.09426	5.9392	0.652226	1
cg21448554	SFRS3	0.0109353	0.232811	0.608102	-1.64446	0.000776365	7.55414	7.55414	0.00545434	2.47746	2.47746	0.255691	0.623898	-1.60283	0.146444	0.558263	-1.85783	0.796664	0.902432	-1.10812	0.512894	1.30193	1.30193	0.426804	1.38072	1.38072	0.706823	1.1621	1.1621	7.35452	5.14734	0.699252	1
cg17602167	SFRS3	0.00163689	0.1233306	0.6405648	-1.62007	0.0268287	1.0876	1.0876	0.722941	-1.38324	0.345105	0.1308	-7.64911	0.0711471	0.00756557	0.456306	-2.19253	0.0156584	0.576958	-1.73321	0.1591	0.7188909	0.847836	-1.17948	0.0855543	-1.16843	0.8550455	0.9548	-1.04753	0.0107745	1.67629	1.67629	2.75125	1.28674	0.305022	1
cg16879247	SFRS3	0.0187847	0.0780591	0.658675	-1.5182	0.146417	0.717166	-1.39438	0.311864	1.24996	1.24996	0.0586786	1.57687	1.57687	0.839066	0.957561	-1.04432	0.0368228	1.67727	1.67727	0.0021315	0.3983731	-2.51021	0.73741	0.930753	-1.0744	0.410228	0.8356612	-1.19673	4.80553	3.46131	0.640245	1
cg11409081	SFRS3	0.0189803	0.1544821	0.7782636	0.643966	0.777177	1.24767	-1.28252	0.999985	1.00027	1.00027	0.144881	1.19155	1.19155	0.0001	0.275376	-3.63183	0.736518	1.442	1.442	0.00097884	0.1888125	-8.3469	0.0718504	0.881481	1.13892	0.0933702	0.748435	-1.08855	4.71316	11.8785	2.24016	1
cg08948822	SFRS3	0.0214121	0.198797	0.40265	1.40265	0.136331	1.53565	0.683236	0.16764	1.10764	1.10764	0.0562128	0.415485	-2.40682	0.404841	0.8086555	1.23662	0.356375	0.780478	-1.28106	0.0129509	0.3780086	-2.6449	0.581209	1.14893	1.14893	0.271646	1.32996	1.32996	4.56201	4.52011	0.874137	1
cg03880683	SFRS3	0.0274671	0.346778	0.696264	-1.43624	0.00830648	0.283442	-3.52806	0.034704	2.5092	2.5092	0.295994	0.667026	-1.49919	0.612836	0.8264011	-1.21007	0.996039	0.998147	-1.00186	0.0116862	0.3080883	-3.24582	0.934566	1.03116	1.03116	0.0882063	2.01977	2.01977	4.21619	9.32362	1.96562	1
cg08863838	SFRS3	0.0379258	0.492534	0.8477	-1.17926	0.631483	1.14587	1.14587	0.414584	0.8724826	1.1465	0.0242967	1.07535	1.07535	0.766343	-1.30502	0.0972019	0.43683	1.00144	1.00144	0.9957195	1.001014	0.43683	1.00144	1.00441	0.9969917	1.32575	1.32575	1.57852	1.11422	0.271279	1
cg16883141	SFRS4	0.00139127	0.394563	0.807944	-1.23496	7	7	7	0.764637	1.07537	1.07537	0.0072537	0.288223	-3.46953	0.788539	1.06722	1.06722	0.96485	0.989392	-1.01072	5.11E-05	0.159498	-6.26966	0.119596	0.664496	-1.5049	0.409504	0.81535	-1.22647	10.9586	9.03602	0.824558	1
cg25187161	SFRS4	0.0109734	0.1999	0.6455	-1.55013	0.00428071	0.430566	-2.32252	0.0004788728	0.484074	0.9658	0.0234749	0.777502	-1.28574	0.0054882	0.4492072	0.5600925	0.7627293	0.8418	0.8418	0.2622602	0.5600925	-1.78277	0.8408062	0.958585	-1.0432	0.0195755	0.536835	-1.86277	4.82553	3.06855	0.648091	1
cg17866044	SFRS4	0.0228887	0.356479	1.12452	1.12452	0.12862	1.22536	1.22536	0.202815	0.852761	-1.17266	0.226519	1.17015	1.17015	0.188987	0.8418808	-1.18792	0.00241709	0.68667	1.68667	0.318729	0.880279	-1.136	0.551794	0.98221	-1.07734	0.0331625	0.734801	-1.36091	4.49236	0.08946	0.215568	1
cg25044224	SFRS4	0.0239227	0.234867	0.723994	-1.38123	0.551368	1.16923	1.16923	0.105377	0.631941	-1.58242	0.19247	1.43024	1.43024	0.0749294	0.6035132	-1.65691	0.0045745	0.357287	-2.66463	0.0092678	0.4246227	-2.35501	0.216501	1.40125	1.40125	0.218213	0.714638	-1.39931	4.42434	4.71528	0.947341	1
cg24481441	SFRS4	0.0161524	0.0165105	0.3125	-3.19962	0.0188268	0.353239	-2.83294	0.0464013	2.08924	2.08924	0.0178754	0.853183	-1.17216	0.0029716	0.0958803	-10.4381	0.100048	0.274720	-3.63994	0.00295315	0.0536131	-18.6522	0.0693806	0.233072	-4.29053	0.0859487	0.256542	-3.898	3.57921	29.1377	7.23628	1
cg23724935	SFRS4	0.0432147	0.2214677	0.137976	-7.24766	0.74828	0.793868	-1.25966	0.418865	0.553104	-1.80798	0.25945	0.430228	-2.32435	0.0270794	0.153184	-6.52811	0.0331686	0.189455	-5.27883	0.0122361	0.1384532	-7.22566	0.0274564	0.227464	-4.39571	0.0156568	0.1225405	-8.16099	0.79558	1.25686	0.1534	0.0135477	1
cg13557417	SFRS4	0.0826267	0.0196256	0.618473	-1.61709	0.24922	1.20402	1.20402	0.640873	0.728652	-1.3724	0.3912	0.732262	-1.36452	0.0221861	0.3214644	-3.11099	0.0001255	0.000156	-6384.92	0.0027454	-0.49229	-2.01236	0.576389	1.11248	1.11248	0.013578	1.78026	1.78026	3.45914	1.95388	0.502084	1
cg26832524	SFRS4	0.047335	0.272531	0.805994	-1.2407	0.864795	-1.01271	1.03271	0.557361	0.893981	-1.11859	0.464355	1.15101	1.15101	0.36298	0.8381143	-1.19311	0.7385343	0.938695	-1.06531	0.505086	0.496928	-2.01236	0.576389	1.11248	1.11248	0.013578	1.78026	1.78026	3.45914	1.95388	0.502084	1
cg06157318	SFRS4;SFRS4	0.00286701	0.805398	0.965649	-1.03557	0.0142035	1.53479	1.53479	0.0775555	1.32025	1.32025	0.0463238	1.38157	1.38157	0.0174082	1.50682	1.50682	0.2625281	1.97888	1.97888	0.000198467	0.41264	-2.42342	0.55631	1.08791	1.08791	0.8132161	0.967037	-1.03409	8.67402	2.75485	0.282309	1
cg27160738	SFRS5;SFRS5	0.00022166	0.0002182	0.1966	-5.08389	0.0656557	0.154955	-6.45337	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	1
cg28432524	SFRS7	0.047335	0.272531	0.805994	-1.2407	0.864795	-1.01271	1.03271	0.557361	0.893981	-1.11859	0.464355	1.15101	1.15101	0.36298	0.8381143	-1.19311	0.7385343	0.938695	-1.06531	0.505086	0.496928	-2.01236	0.576389	1.11248	1.11248	0.013578	1.78026	1.78026	3.45914	1.95388	0.502084	1
cg00286701	SFRS8	0.0286701	0.805398	0.965649	-1.03557	0.0142035	1.53479	1.53479	0.0775555	1.32025	1.32025	0.0463238	1.38157	1.38157	0.0174082	1.50682	1.50682	0.2625281	1.97888	1.97888	0.000198467	0.41264	-2.42342	0.55631	1.08791	1.08791	0.8132161	0.967037	-1.03409	8.67402	2.75485	0.282309	1
cg27160738	SFRS8;SFRS8	0.00022166	0.0002182	0.1966	-5.08389	0.0656557	0.154955	-6.45337	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	1
cg08518751	SFRS8;SFRS8	0.00127667	0.820856	1.03744	1.03744	0.00144571	0.346151	-2.88892	0.00403961	0.534831	-1.86981	0.82551	1.03641	1.03641	0.0184762	1.58686	1.58686	0.238411	0.818614	-1.22158	0.0122366	0.5614	-1.78125	0.0736589	1.11248	1.11248	0.013578	1.78026	1.78026	3.45914	1.95388	0.502084	1
cg14318001	SFRS8;SFRS8	0.00777762	0.0496269	0.417457	-2.39511	0.0462	0.642	-1.55842	0.0126	0.74637	-1.33937	0.5613	0.8139	-1.22893	0.0148	0.82134	-1.21693	0.1400	0.7144	-1.40006	0.0072	0.7144	-1.40006	0.0072	0.6716	-1.48882	0.0072	0.7144	-1.40006	0.0072	0.6716	-1.48882	0.0072	0.7144	-1.40006	0.0072	0.6716	-1.48882	1
cg00156256	SFRS8;SFRS8	0.0194335	0.49745	0.885964	-1.12871	0.335768	0.1906	-1.1906	0.223067	0.798494	-1.25236	0.253734	0.810985	-1.23307	0.1024334	1.16906	1.16906	0.621025	0.916131	-1.09155	0.000766603	0.244907	2.44907	0.91304	1.01939	1.01939	0.13186	0.752639	-1.32866	4.75065	2.32446	0.349427	1
cg19348225	SFRS8;SFRS8	0.0317876	0.78349	0.949403	-1.05309	0.0176736	0.519023	0.01312	-1.088	0.0793759	0.55823	-1.67689	0.261564	0.732869	-1.36496	0.0488315	0.204667	0.0134183	0.597955	1.67295	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	0.0001	0.0001	-1.6487	1
cg26288152	SFRS9;SFRS9	0.00063765	0.6212354	0.622888	-1.50855	0.586-05	2.74401	2.74401	0.00074332	1.9001	1.9001	0.459172	0.900748	-1.11039	0.0075431	1.36269	1.36269	0.121505	1.24703	1.24703	0.101031	0.789647	-1.26639	0.0754988	1.29658	1.29658	0.0931958	0.988433	-1.01129	13.206	6.71617	0.249466	1
cg21107203	SFRS9;SFRS10;LOC100289511	0.00109076	0.451248	0.93511	-1.06939	0.362703	0.921482	-1.08521	0.00284798	0.688389	-1.43187	0.54078	1.05371	1.05371	0.197003	0.887613	1.12662	0.510949	1.06001	1.06001	1.97E-05	0.469543	-2.12973	0.380212	1.10309	1.10309	0.847989	1.01692	1.01692	14.4798	1.3891	0.107559	1
cg00110058	SFRS9;SFRS10;LOC100289511	0.00109058	0.0003659	0.185619	-5.38739	0.00102537	0.145462	0.031955	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	0.0000	0.0000	-1.6487	1
cg16709294	SFRS9;SFRS10;LOC100289511	0.0262873	0.0192539	0.0505825	-19.7697	0.431098	0.428729	-2.33248	0.62426	1.677	1.677	0.838519	1.23994	1.23994	0.0224484	0.0560862	-17.8297	0.40979	0.411298	-2.43133	0.00338991	0.0115161	-66.595	0.968113	1.04303	1.04303	0.0118906	0.3365528	-27.3577	4.2816	75.3249	15.638	1
cg09871685	SFRS9;SFRS10;LOC100289511	0.04852261	0.0225227	5.04799	5.04799	0.0042	0.0	0.0	0.0	0.0	0.0	0.0	2.85697	2.85697	0.0092858	7.30401	7.30401	0.2136099	6.35724	6.35724	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg00015445	SFRS9;SFRS9	0.00552436	0.000567741	0.120178	-8.3296	0.634033	1.20962	1.20962	0.2811981	0.55662	-1.79662	0.0188096	0.509997	-1.96079	0.288035	0.645519	-1.54914	0.3716311	1.43909	1.43909	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
cg00022138	SFRS9;SFRS9	0.0118612	0.314409	0.938001	-1.0661	0.0627446	1.13749	1.13749	0.230732	1.08042	1.08042	0.0148648	1.2024	1.2024	0.0042904	1.25779	1.25779	0.0059078	1.24803	1.24803	0.541843	1.03852	1.03852	0.298787	1.0685	1.0685	0.0359977	0.860286	-1.1624	5.59456	0.3353558	0.0532832	1
cg00479375	SFRS9;SFRS9	0.0374375	0.973231	0.987507	-1.01258	0.0143005	1.15232	1.15232	0.0414221	1.35326	1.35326	0.0075467	0.783242	-1.27674	0.1841163	0.604752	-1.10528	0.0353997	0.042106	-23.7482	0.0001255	0.0015574	-1.11051	0.935574	1.07231	1.07231	0.70731	1.07231	0.8308368	1.01532	1.01532	5.43317	4.34398	0.0706169	1
cg00374928	SFRS9;SFRS9	0.0230157	0.0084767	0.233815	-4.27689	0.807152	-1.89708	-1.11147	0.353366	0.661888	-1.51083	0.427537	0.704646	-1.41915	0.0615609	0.402518	-2.48436	0.0031686	0.018551	1.5533	0.2443896	0.1617787	1.11503	1.11503	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg00620491	SFRS9;SFRS9	0.0261308	0.217032	1.28842	1.28842	0.0990273	0.777736	-1.28579	0.133929	0.888743	0.975061	-1.02769	0.712468	1.07489	1.07489	0.611787	1.11503	1.11503	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg21985132	SFRS9;SFRS9;SFRS6	0.0300435	0.990937	0.999203	-1.0008	0.129658	1.89145	1.89145	-1.12174	0.00295958	0.751077	-1.33143	0.743635	0.977236	-1.02329	0.00298478	0.75139	-1.33087	0.382501	0.939452	-1.06445	0.0741451	0.9499	-1.05274	0.419867	0.95953	0.95953	0.962881	0.937349	-1.06684	0.043473	0.31851	0.0693117	1
cg08187034	SFRS9	0.00466807	0.00762174	0.282236	-3.54314	0.0107405	0.260567	0.260567	0.732423	1.13480	1.13489	0.14531	0.561809	-1.77996	0.0245794	0.372609	-2.68378	0.273195	0.656746	-1.52266	0.00221458	0.2057751	-4.85978	0.110148	1.90026	1.90026	0.0146905	0.1330405	-3.02659	7.49379	16.1347	1.91384	1
cg10714491	SFRS9;SFRS9	0.0313742	0.0013747	0.1485	-6.73315	0.0202537	0.124315	-8.04162	0.0033955	0.1

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg23058435	SFTA3	0.0220911	0.918136	0.970305	-1.0306	0.870133	0.953157	-1.04915	0.522175	1.20949
cg14479910	SFTA3	0.0221462	0.0871336	0.821141	-1.21782	0.0876422	1.21735	1.21735	0.799012	1.02697
cg16342323	SFTA3	0.0230378	0.0211503	0.17267	-5.79139	0.00247043	0.0694811	-14.3924	0.169612	0.395743
cg20000562	SFTA3	0.0393007	0.00340055	3.39849	3.39849	0.207288	1.5047	1.5047	0.479706	0.80191
cg04926361	SFTA3;SFTA3	0.0107143	0.0191876	5.27124	5.27124	0.0938769	2.94664	2.94664	0.0218998	5.01931
cg01611862	SFTA3;SFTA3	0.0196364	0.264601	0.754127	-1.32604	0.407281	1.22843	1.22843	0.148184	0.686286
cg09896602	SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1	0.00259682	0.371911	0.848086	-1.17913	0.00095001	0.412538	-2.42402	0.00103273	0.417397
cg17410079	SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1	0.0309764	0.980322	0.99462	-1.00541	0.00372726	0.424517	-2.35562	0.0483884	0.610603
cg20085588	SFTPA2	0.000328691	0.000923643	0.285313	-3.50492	0.998869	1.00036	1.00036	0.00132722	0.306297
cg07313956	SFTPB;SFTPB	0.001381	0.00900925	0.394707	-2.53353	0.00370358	0.333558	-2.99798	0.00312371	0.322574
cg22449698	SFTPB;SFTPB	0.0164516	0.259548	0.796034	-1.25623	0.152999	0.743184	-1.34556	0.000407321	0.336416
cg07167933	SFTPB;SFTPB	0.0255802	0.00991537	0.189378	-5.28044	0.014331	0.21389	-4.67529	0.0370917	0.290426
cg00327383	SFTPC;SFTPC	0.039103	0.763527	1.06038	1.06038	0.00263828	2.24474	2.24474	0.256869	1.25851
cg01090565	SFTPD	6.82E-06	0.182084	0.856893	-1.16701	0.0827473	0.810974	-1.23309	0.000866466	0.579787
cg08458487	SFTPD	0.0113231	0.000912566	0.197093	-5.07374	0.132529	0.587599	-1.70184	0.0318354	0.43863
cg03600318	SFTPD	0.0309133	0.00953907	0.157902	-6.33305	0.136674	0.405984	-2.46315	0.0191053	0.202984
cg15203403	SFXN1	0.00109217	0.365501	1.08292	1.08292	0.796459	1.02239	1.02239	0.256254	1.10687
cg27626110	SFXN1	0.00319626	0.00440966	0.322609	-3.09973	0.0269052	2.18171	2.18171	0.0112364	0.388511

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(5 vs. N)	Fold-Change(5637 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05970161	SGIP1	0.018208	0.306095	0.857519	-1.1667	1.256642	1.188	1.188	0.0322934	0.694375	-1.44024	0.2833554	0.650289	-1.17607	0.7272594	0.950336	-1.05226	0.455191	0.894482	-1.11797	0.020577409	0.460764	-2.17031	0.584725	0.922843	-1.08361	4.84626	1.62556	0.298034	1
cg00460049	SGIP1	0.0398023	0.0917609	0.697851	-1.43297	0.364863	1.19773	1.19773	0.113923	0.716584	-1.39551	0.4645045	0.865936	-1.15482	0.1.1628	0.1.1628	-1.1.1628	0.1.1628	0.1.1628	0.1.1628	0.1.1628	0.1.1628	-1.81442	0.0574338	0.6594	-1.51653	0.0330521	0.616951	-1.62087	3.68986	2.1944	0.528632	1
cg23594135	SGIP1	0.0406719	0.7814244	0.963315	-1.03808	0.00535637	1.63696	1.63696	0.1118044	1.25615	1.25615	0.101069	0.785619	-1.27288	0.118326	1.2559	1.2559	0.7972667	0.966001	-1.0352	0.0192598	0.146292	1.46292	0.875075	0.979081	-1.02137	0.792215	0.965145	-1.03611	3.660581	1.0468	0.254192	1
cg04591037	SGIP1	0.0479579	0.8800512	0.967934	-1.03313	0.0799138	0.651821	-1.53416	0.00166449	0.377347	-2.65008	0.275511	1.28006	1.28006	0.488441	0.858552	1.45607	0.8980007	0.972597	-1.02834	0.536232	1.14535	1.14535	0.38758	1.12153	1.12153	0.3612256	0.815996	1.2255	3.44213	2.55929	0.6609008	1
cg03146155	SGK1	0.0271132	0.408838	0.735169	-1.36023	0.0203662	0.361228	-2.76834	0.0825163	0.496393	-2.01453	0.198989	1.67988	1.67988	0.0034702	0.235779	-4.24125	0.739712	0.885654	-1.12911	0.049077	0.442221	-2.26644	0.503735	1.28033	1.28033	0.0514508	0.445959	2.324544	8.89728	1.86727	1
cg19811331	SGK1	0.0202561	0.627562	0.929661	-1.07566	0.00825595	0.604147	-1.66523	0.007633O9	1.6681	1.6681	0.575075	0.918976	-1.08817	0.324111	1.16407	1.16407	0.508134	1.10534	1.10534	0.745795	1.04972	1.04972	0.0393684	1.42701	1.42701	0.2328328	1.20519	1.20519	4.12338	1.45338	0.313308	1
cg16587988	SGK196	0.00362389	0.856013	0.957265	-1.04644	0.03776663	0.560263	-1.78488	0.831305	1.05264	1.05264	0.715614	1.09197	1.09197	0.0167657	2.01767	2.01767	0.2448858	0.746382	-1.3398	0.9786.05	0.189277	-5.28326	0.226402	0.736813	-1.3572	0.987248	1.003585	1.003885	0.089008	7.407043	0.813984	1
cg23104071	SGK196	0.0127876	0.8995503	0.980858	-1.01914	0.0199058	0.875346	-1.14241	0.1116865	0.779356	-1.2681	0.5101812	0.902894	-1.13755	0.3013706	1.32475	1.32475	0.8448939	-1.17873	0.006019581	0.446299	-2.24069	0.06722797	1.36895	1.36895	0.043747	1.42619	0.6229668	1.078585	1.078585	0.45942	2.02806	0.330204	1
cg12728958	SGK196	0.0249299	0.0232901	0.246443	-4.05773	0.0345436	3.27373	3.27373	0.4137978	1.53526	1.53526	0.645278	0.787065	-1.27054	0.552573	0.733177	-1.36393	0.496667	0.700112	-1.42834	0.0170899	0.222752	-4.48313	0.0145695	0.73176	0.731798	-1.35244	0.36149	0.483	33.75671	1
cg00595636	SGK1;SGK1	1.96E-05	0.906493	1.03168	1.03168	2.73E-06	19.908	19.908	0.696097	0.901051	-1.10981	0.192666	0.693515	-1.44193	0.212192	0.705527	-1.41738	0.240952	0.721918	-1.3852	0.726827	0.911105	-1.09757	1.54E-06	25.1074	25.1074	0.501671	1.19842	1.19842	34.0495	37.9955	0.991901	1
cg09153391	SGK1;SGK1	3.96E-05	0.973739	0.992971	-1.00726	3.45E-05	1.02705	1.02705	0.8887998	1.03009	1.03009	0.7974257	0.910693	-1.09839	0.0688932	1.45607	1.45607	0.6470224	1.03535	-1.03535	0.7983	1.00736	1.00736	0.9651114	1.00736	1.00736	0.9945207	1.00736	16.2338	0.0751471	1.52855	0.1282553	20.56166	0.645493	1
cg20822858	SGK1;SGK1	0.000403852	0.605495	1.19831	1.19831	7.25E-05	1.22804	1.22804	0.319111	0.699427	-1.42974	0.262074	1.50085	1.50085	0.946384	0.97692	-1.02363	0.6692848	1.02511	1.02511	0.382211	0.732598	-1.365	0.21956	19.5968	19.5968	0.549747	1.23384	1.23384	16.5101	28.9453	1.69716	1
cg20655133	SGK1;SGK1	0.000538553	0.761721	1.01047	1.0347	0.0292454	0.801891	-1.24705	0.346203	1.11499	1.11499	0.0638689	1.26317	1.26317	0.0521766	1.2811	1.2811	0.307449	1.1258	1.1258	0.346.06	0.941918	-2.93468	0.0713309	1.04904	1.04904	0.2734568	0.8979752	-1.13668	11.99888	2.7895	0.2775	1
cg03762694	SGK1;SGK1	0.00262957	0.562552	1.769211	-1.30003	0.00110162	0.638669	0.638669	0.2659388	0.594796	-1.68125	0.8301109	0.908191	-1.10109	0.466872	0.717615	1.3935	0.200995	1.83176	1.83176	0.511701	0.74209	-1.34754	0.000118693	20.4511	20.4511	0.661763	1.2181	1.2181	1.2181	8.89856	28.3088	2.82781	1
cg01105971	SGK1;SGK1	0.0114308	0.85581	1.02047	1.02047	0.961963	0.994702	-1.00533	0.626084	0.946773	-1.05622	0.0329556	1.32025	1.32025	0.0035203	0.666139	-1.50119	0.165166	0.847973	-1.17928	0.00601173	0.670428	-1.49159	0.0405595	1.30139	1.30139	0.113877	1.21118	1.21118	5.68169	1.11257	0.174668	1
cg27289153	SGK1;SGK1	0.0365093	0.641508	1.046473	-1.05065	0.361356	1.11637	1.11637	0.0659313	1.1759	1.1759	0.521004	0.950153	-1.07929	0.0007785	1.0639	1.0639	0.503581	1.08289	1.08289	0.0029266	0.618966	-1.6156	0.232884	1.15808	1.15808	0.0297015	1.15808	1.15808	4.00245	0.850864	0.193783	1
cg06642177	SGK1;SGK1;SGK1;SGK1	0.00166087	0.154129	0.808182	-1.23735	0.325728	1.15218	1.15218	0.841065	1.02842	1.02842	0.122838	1.26286	1.26286	0.623066	1.0716	1.0716	0.0744199	0.757697	-1.31979	3.46E-05	0.326964	-3.05844	0.103497	1.28219	1.28219	0.279347	1.17	1.17	10.1761	3.14066	0.274339	1
cg21004599	SGK1;SGK1;SGK1;SGK1	0.000845533	0.0193886	0.59344	-1.32265	0.0484204	0.986299	-1.01389	0.00570241	1.43161	1.43161	0.0147972	0.743189	-1.34553	0.237818	0.884809	-1.13019	0.169035	0.865005	-1.15606	0.277171	1.11835	1.11835	0.141528	1.16831	1.16831	0.0214285	1.3146	1.3146	5.94014	0.9215514	0.157896	1
cg25053235	SGK1;SGK1;SGK1;SGK1	0.0157396	0.0151836	0.303282	-4.29726	0.0059834	4.20918	4.20918	0.102335	0.50799	-1.96754	0.0625764	2.31254	2.31254	0.0894444	0.472792	-2.11509	0.2619122	0.59676	-1.59676	0.15989	0.548408	-1.82346	0.944528	0.972547	-1.02823	0.4666631	2.48748	2.48748	1.09872	12.9229	2.25292	1
cg01059669	SGK1;SGK1;SGK1;SGK1;SGK1	0.000208285	0.00141212	0.425372	-2.35088	0.0471426	1.52221	1.52221	0.00839516	1.86409	1.86409	3.13E-05	0.222689	-4.49057	0.120397	0.732281	-1.3656	0.0711295	0.688757	-1.45189	0.0370298	0.63896	-1.56504	0.0124111	1.77819	1.77819	0.00457963	2.01012	2.01012	18.17	9.84521	0.481634	1
cg23347562	SGK1;SGK1;SGK1;SGK1	0.000806913	0.601806	0.952742	-1.0496	0.000209275	0.565335	-1.76886	0.0145361	1.83793	-1.22259	0.00117732	1.54912	1.54912	0.74377	1.03062	1.03062	0.102355	1.71801	1.71801	0.00594797	1.55233	1.55233	0.0152161	1.36418	1.36418	0.0149434	1.31682	1.31682	12.2428	1.63947	0.119034	1
cg04420889	SGK2	0.000897214	0.758522	1.07685	1.07685	0.233891	0.741074	-1.34939	0.00130935	0.325167	-3.07534	0.00377739	2.5558	2.5558	0.0201961	0.341208	-2.93077	0.967108	1.00995	1.00995	0.00392469	0.257605	-3.88192	0.0295749	1.84984	1.84984	0.560212	0.868109	-1.15393	12.1333	1.07093	0.811667	1
cg21685427	SGK2	0.00827367	0.00229609	0.355106	-1.99597	0.0215263	0.957583	0.79655	-1.25535	0.179227	0.779951	-1.28222	0.427276	1.35244	0.0272996	0.378081	-2.6455	0.349142	0.69372	-1.4419	0.0013733	0.150411	-5.19721	0.0178352	1.46887	1.46887	0.172225	0.582043	-1.71809	13.7332	1.89167	0.142393	1
cg06600331	SGK2	0.0340203	0.562916	1.16186	1.16186	0.247721	1.36339	1.36339	0.261128	0.740377	-1.35067	0.032124	1.90377	1.90377	0.00603659	0.398511	2.50934	0.0408176	1.83237	1.83237	0.664787	0.8942	-1.11832	0.1709331	1.45349	1.45349	0.835352	1.05483	1.05483	3.907	4.01704	0.92621	1
cg11222856	SGK269	5.13E-05	0.170772	1.1539	1.1539	0.00047544	0.552181	-1.811	0.679477	1.04162	1.04162	3.11E-05	0.220051	2.32081	0.0048501	0.089285	0.613689	-1.62949	3.57E-05	0.457192	-2.18727	0.522356	0.938348	-1.0657	0.8626444	1.01714	1.01714	0.00239359	0.660137	-1.51484	26.4477	4.0347	0.135604	1
cg07928642	SGK269	0.00576087	0.280487	0.716559	-1.39568	0.0373444	2.44015	2.44015	0.0149358	0.833574	1.20568	0.0209705	0.756528	1.75029	0.0001208	0.0312914	3.19832	0.1.1045	0.638277	-1.56672	0.0209566	0.551597	-1.81302	0.0155236	0.735236	0.2719312	1.34344	1.34344	7.02672	1.45451	0.203819	1
cg26762277	SGK269	0.00865706	0.00416678	0.492245	-2.03151	0.0158272	0.579485	-1.72567	0.0162158	0.581142	-1.72075	0.93465	1.01525	1.01525	0.376777	0.84585	-1.18224	0.383875	0.848054	-1.17917	0.00170469	0.437366	-2.28641	0.48352	0.876836	-1.14046	0.00297819	0.471326	-2.12167	6.18809	3.33916	0.479654	1
cg11686098	SGK269	0.00876933	0.674785	1.08358	-1.17263	0.0446325	0.986284	-1.01389	0.0570241	1.43161	1.43161	0.0147972	0.743189	-1.34553	0.237818	0.884809	-1.13019	0.169035	0.865005	-1.15606	0.277171	1.11835	1.11835	0.141528	1.16831	1.16831	0.0214285	1.3146	1.3146	5.94014	0.9215514	0.157896	1
cg20021204	SGK269	0.00958199	0.0609642	0.513608	-1.94701	0.1111133	0.79274	-1.39274	0.853655	1.03587	1.03587	0.0323519	0.619872	-1.61324	0.0089254	0.530175	-1.88617	0.2619122	0.59676	-1.59676	0.15989	0.548408	-1.82346	0.944528	0.972547	-1.02823	0.4666631	2.48748	2.48748	1.09872	12.9229	2.25292	1
cg00609100	SGK269	0.0172654	0.131528	0.428427	-2.33412	0.2128894	0.505088	-1.97985	0.98033	1.01292	1.01292	0.560118	0.735826	-1.35902	0.0037835	0.130796	-7.64548	0.0147998	0.209856	-4.76518	0.00912908	0.178297	-5.60863	0.135005	2.31384	2.31384	0.0239668	0.246029	-4.06457	4.94378	21.225	3.81624	1
cg07984508	SGK269	0.0706232	0.164189	0.579824	-1.72484	0.0845452	0.283483	-3.52813	0.2118361	0.154502	-1.34318	0.708051	0.616656	-1.62145	0.0001.1.1	0.1.1.1	0.1.1.1	0.161382	0.713801	-1.4005	0.0102.1.1	0.1.1.1	-1.4967	0.257983	0.76574	-1.30485	0.0291683	0.560224	1.785	4.9077	3.78324	0.715389	1
cg15577241	SGK269	0.0349536	0.280935	0.708076	-1.41228	0.764062	0.544878	-1.83527	0.0501244	0.502587	-1.9897	0.377355	1.32183	1.32183	0.0033053	0.32517	-3.07534	0.033833	0.46613	-2.14533	0.033444	0.465123	-2.14997	0.96856	1.01221	1.01221	0.1004242	0.578633	-1.72821	3.86899	5.81395	1.33574	1
cg14000143	SGK2;SGK2	0.00679174	0.7005348	1.08074	1.08074	0.0215263	0.957583	0.79655	-1.25535	0.179227	0.779951	-1.28222	0.427276	1.35244	0.0272996	0.378081	-2.6455	0.349142	0.69372	-1.4419	0.0013733	0.150411	-5.19721	0.0178352	1.46887	1.46887	0.172225	0.582043	-1.71809	13.7332	1.89167	0.142393	1
cg27581644	SGK2;SGK2	0.010236	0.219056	0.641665	-1.55844	0.445223	0.765574	-1.30621	0.00140741	0.207803	-4.81225	0.00123162	0.197498	-5.06334	0.0335564	0.426329	-2.34561	0.03272	0.424141	-2.3577	0.0142127	0.354066	-2.82433	0.124947	0.565455	-1.76849	0.0561315	0.475899	2.10129	5.86665	10.9479	1.65878	1
cg21462844	SGK3	0.000105655	0.000145014	0.277661	-3.59892	0.199596	0.767004	-1.30377	0.00112177	0.191029	-2.55736	0.0107282	0.53387	-1.87311	0.0596932	0.659717	-1.5158	0.0782158	0.681827	-1.46665	5.78E-06	0.135769	-7.36544	0.00632899	2.00542	2.00542	0.00437377	0.4740708	2.10656	21.817	13.2384	0.539373	1
cg02589333	SGK3	0.0058609	0.758121	1.04975	1.04975	0.0215263	0.957583	0.79655	-1.25535	0.179227	0.779951	-1.28222	0.427276	1.35244	0.0272996	0.378081	-2.6455	0.349142	0.69372	-1.4419	0.0013733	0.150411	-5.19721	0.0178352	1.46887	1.46887	0.172225	0.582043	-1.71809	13.7332	1.89167	0.142393	1
cg01360928	SGK3;SGK3;SGK3	0.00062084	0.0090685	0.750019	-1.3333	0.00108475	0.658122	-1.51948	0.00267743	1.43343	1.43343	0.00563623	1.37047	1.37047	0.421387	0.931232	-1.07385	0.2544334	1.10874	1.10874	0.0102297	0.755166	-1.32421	0.7682S1	1.02596	1.02596	0.00083514	1.54671	1.54671	13.4549	1.60341	0.105928	1
cg10626718	SGK3;SGK3;SGK3	0.00160368	0.19137	0.584582	-1.71062	0.2723362	0.862284	-1.16106	0.0022384	1.68466	2.22558	0.0022569	0.664741	-1.50483	0.0001.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1
cg02235641	SGK3;SGK3;SGK3	0.0042257	0.0587458	0.660539	-1.51391	0.0447088	0.639137	-1.56461	0.00296262	0.452805	-2.20846	0.0049145	0.346322	-2.88748	0.0037253	0.447176	2.14052	0.584134	1.13134	1.13134	0.4807	0.871076	-1.14801	0.588742	1.11185	1.11185	0.315996	1.22308	1.22308	7.72344	6.61528	0.531171	1
cg14940705	SGK3;SGK3;SGK3	0.00424949	0.116108	1.21018	1.21018	0.213276	0.8638	-1.15768	0.519047	1.07576	1.07576	0.00215552	0.618038	-1.61802	0.173165	0.850512	-1.17576	0.0307039	0.753101	-1.32784	0.00249124	0.625319	-1.59918	0.934491	1.00923	1.00923	0.00106067	0.582324	-1.71726	7.71035	1.5239	0.175683	1
cg01738092	SGK3;SGK3;SGK3	0.00161068	0.19127	0.584582	-1.71062	0.2723362	0.862284	-1.16106	0.0022384	1.68466	2.22558	0.0022569	0.664741	-1.50483	0.0001.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1
cg02235641	SGK3;SGK3;SGK3	0.0042257	0.0587458	0.660539	-1.51391	0.0447088	0.639137	-1.56461	0.00296262	0.452805	-2.20846	0.0049145	0.346322	-2.88748	0.0037253	0.447176	2.14052	0.584134	1.13134	1.13134	0.4807	0.871076	-1.14801	0.588742	1.11185	1.11185	0.315996	1.22308	1.22308	7.72344	6.61528	0.531171	1
cg14940705	SGK3;SGK3;SGK3	0.00424949	0.116108	1.21018	1.21018	0.213276	0.8638	-1.15768	0.519047	1.07576	1.07576	0.00215552	0.618038	-1.61802	0.173165	0.850512	-1.17576	0.0307039	0.753101	-1.32784	0.00249124	0.625319	-1.59918	0.934491	1.00923	1.00923	0.00106067	0.582324	-1.71726	7.71035	1.5239	0.175683	1
cg01738092	SGK3;SGK3;SGK3	0.00161068	0.19127	0.584582	-1.71062	0.2723362	0.862284	-1.16106	0.0022384	1.68466	2.22558	0.0022569	0.664741	-1.50483	0.0001.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1
cg13813092	SGM5	0.0040943	0.976949	1.01604	-1.01604	0.0194811	0.519368	-1.92502	0.54145	1.03587	1.03587	0.0107859	0.603682	-1.55401	0.0012565	0.478	-2.09209	0.0147998	0.209856	-4.76518	0.00912908	0.178297	-5.60863	0.135005	2.31384	2.31384	0.0239668	0.246029	-4.06457	4.94378	21.225	3.81624	1
cg03337225	SGM5	0.00165002	0.505457	1.1628	1.16328	0.00449543	0.28979	-3.45078	0.0469016	0.431175	-2.31924	0.250599	1.07255	1.07255	0.0013126	0.237001	-4.2193	0.952642	1.02027	1.02027	0.804509	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1
cg24037270	SGM5	0.0025779	0.844601	1.05168	1.05168	0.670711	0.895993	-1.11608	0.0375008	0.53804	-1.8586	0.490107	1.19724	1.19724	0.00014857	0.187461	-5.33445	0.423456	1.2336	1.2336	0.00230025	0.334871	-2.98623	0.699812	1.10461	1.10461	0.00619265	0.399859	-2.50088	8.95078	9.34764	0.9283	1
cg13205578	SGM5	0.0174398	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.822797	-1.21607	0.49947	-1.02488	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1
cg16659561	SGM5	0.00390039	0.168411	0.793436	-1.26034	0.0403423	0.688413	-1.45262	0.0610252	0.716886	-1.39492	0.556115	0.910414	-1.0984	0.0651624	0.721512	-1.38598	0.0013516	0.480092	-2.08294	0.00672201	0.740133	1.74033	0.108016	1.31844	1.31844	0.0200804	0.555153	1.55153	7.91236	3.11443	0.349881	1
cg15576994	SGM5	0.00706682	0.407215	0.842035	-1.15547	0.0107014	1.79337	1.79332	0.166	0.765604	-1.30616	0.375584	0.847414	-1.18006	0.162253	0.76211	-1.31215	0.0003263	0.373	0.178137	1.28757	1.28757	0.737273	1.06322	0.0656711	0.978882	-1.02157	6.59555	0.462684	0.466667	1
cg16053515	SGM5	0.011369	0.792295	0.945634	-1.05697	0.0058039	0.742287	-1.34707	0.0112177	0.191029	-2.55736	0.0107282	0.53387	-1.87311	0.0596932	0.659717	-1.5158	0.0782158	0.681827	-1.46665	5.78E-06	0.135769	-7.36544	0.00632899	2.00542	2.00542	0.00437377	0.4740708	2.10656	21.817	13.2384	0.539373	1
cg06373146	SGM5	0.012053	0.514103	1.19033	1.19033	0.0051458	0.340149	-2.93213	0.4007727	1.27815	1.27815	0.0133709	0.244001	2.44001	0.0450255	0.195352	1.95352	0.486614	1.2285	1.2285	0.011632	2.50472	0.0257263	2.16231	0.146557	1.57407	0.157603	1.57407	5.74084	1.19319	1
cg03236180	SGM5	0.0160841	0.285727	0.744411	-1.34317	0.0251581	1.56459	1.56459	0.0172665	0.628376	-1.59144	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782	0.1.1782
cg03314178	SGM5	0.0250169	0.4085843	0.844056	-1.18476	0.532658	0.880943	-1.13515	0.00241833	0.428578	-2.3333	0.239743	0.781204	-1.28008	0.00360878	0.455298	-2.19637	0.481461	0.866303	-1.15433	0.571533	1.12152	1.12152	0.375243	0.7489	-1.33529	0.0256911	0.587728	-1.70147	4.35621	2.77572	0.566389	1
cg01508429	SGM5	0.0031151	0.583355	1.15835	1.15835	0.0354193	0.639021	-1.56489	0.370497	1.26886	1.26886	0.213356	1.29182	1.29182	0.484401	0.864284	-1.15703	0.0083496	0.489073	2.00411	0.0273938	0.71373	1.71373	0.0482125	1.31012	1.31012	0.0108422	0.328547	1.23577	1.23577	6.08228	1.74985	0.569808	1
cg03658471	SGM5	0.0346779	0.841098	0.972923	-1.02783	0.1773309	0.148339	1.14839	0.0272103	1.43013	1.43013	0.1912671	0.827963	-1.20778	0.0232655	0.695186	1.43846	0.194825	1.20627	1.20627	0.21383	0.836115	-1.19601	0.873991	0.978531	-1.02194	0.7722173	1.21978	1.21978	8.78088	1.14914	0.263256	1
cg20014988	SGM5	0.0357427	0.661542	1.36741	-1.15283	0.218124	1.51927	1.51927	0.0927909	1.83683	1.83683	0.399681	1.32094	1.32094	0.130139	0.589903	-1.69519	0.408896	1.31349	1.31349	0.00321304	0.66305	0.66305	0.0138313	2.67019	2.67019	0.7275514	1.11956	1.11956	1.83782	6.33522	1.46732	1
cg26665667	SGM5	0.0468003	0.356579	0.787114	-1.27066	0.0322438	0.934334	-1.07045	0.1625135	0.694557	-1.43997	0.0112928	1.22793	1.22793	0.0042003	0.642084	-1.55703	0.2515394	1.15328	1.15328	0.139089	1.5104	1.5104	0.0768312	1.64343	1.64343	0.284784	0.7554402	1.32138	2.24351	5.45183	0.897291	1
cg17108430	SGM5	0.00527154	0.0120173	0.492445	-2.03068	0.184131	1.37517	1.37517	0.574421	1.13689	1.13689	0.00183283	2.72079	2.72079	0.0173538	0.523496	-1.91024	0.807872	0.964401	-1.05663	0.0283081	0.556866	-1.79576	0.0183033	1.91072	1.91072	0.78243	0.939323	-1.0646	7.20888	5.84726	0.719796	1
cg21630842	SGM5	0.0128082	0.1.1.1	0.1.1.1	0.1.1.1	0.1.1.1	0.844927	-1.18354	0.4244516	1.13779	1.13779	0.0758496	0.745362	-1.34191	0.0058992	0.458374	-2.18272	0.4745083	1.53654	1.53654

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 1247)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
g07552700	B1 SH2B1;SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	2.47E-14	1.17E-13	2.20375	2.20375	?	?	1.29E-14	0.0928486	-10.7702	?	1.03E-14	0.0697694	-14.3329	4.96E-14	3.35961	3.35961	1.04E-13	2.31283	2.31283	8.41E-13	1.34222	1.34222	7.38E-13	1.36917	1.36917	4.05E+13	32.1918	2.27E-13	1
g08882774	B1;SH2B1;SH2B1 SH2B1;SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.2218898	?	?	0.411317	0.675042	-1.48139	0.12742	0.455128	-2.19718	0.110461	0.434712	-2.30037	0.0229002	0.258775	-3.86436	?	?	?	0.012387	4.81061	4.81061	?	?	?	6.33783	11.4364	2.16536	1
gc0694159	B1;SH2B1;SH2B1	0.030308	0.633033	0.660084	-1.51496	0.0973561	0.469171	-2.13142	0.638345	2.82141	-1.21752	0.000573264	0.108843	-9.18755	0.0712334	0.432483	-2.31223	0.987314	0.993408	-1.00664	0.671246	1.19435	0.687122	0.844989	-1.18345	0.381064	0.688154	-1.45316	0.045571	11.0877	2.43617	1
gt7190891	SH2B2	5.99E-05	1.49E-05	5.85439	5.85439	0.0424375	1.51347	1.51347	0.0011118	2.43155	2.43155	0.00272865	2.13098	2.13098	0.0761466	1.41621	1.41621	0.0804319	1.40745	1.40745	2.43E-06	10.3313	10.1313	0.000626853	2.66434	2.66434	0.000975197	2.48163	2.48163	33.7857	15.7544	0.36268	1
gt7512361	SH2B2	0.00181458	0.00297585	5.63199	5.63199	0.00950207	4.02842	4.02842	0.164721	1.87499	1.87499	0.282419	1.60592	1.60592	0.0013704	1.60131	1.60131	0.0013665	1.59045	1.59045	0.00013651	16.5685	16.5685	0.00256435	5.89166	5.89166	0.0256531	3.07756	3.07756	9.91855	28.2525	2.53196	1
gn2045991	SH2B2	0.00224604	0.00525622	0.383244	-2.6093	0.0143921	0.455128	-2.1948	0.0437349	0.54458	-1.82956	0.00301405	0.546563	-2.48548	0.060914	0.53124	-1.88216	0.00106748	0.283646	-3.52552	0.0193651	0.883141	-1.13232	0.00774462	0.410135	0.432983	0.3206	10.0235	0.955927	1
gn1525152	SH2B2	0.00747861	0.383969	0.770396	-1.29803	0.0101766	0.387917	-2.57787	0.00399666	0.32288	-3.09712	0.716634	1.11239	1.11239	0.0478974	0.51639	-1.93652	0.0654262	0.546474	-1.82991	0.0048278	0.335399	-2.98152	0.0168368	2.34486	2.34486	0.936309	1.02363	1.02363	6.4798	8.76262	1.20204	1
gt7253159	SH2B2	0.00193544	0.00423771	0.704938	-1.41899	0.0139103	0.190973	-3.09171	0.0019351	0.614876	1.62698	0.0022	1.54036	1.54036	0.0134877	0.64962	-1.53925	0.0138284	0.975571	-1.02504	0.0454062	0.956145	1.46107	0.0461364	0.685557	0.685557	0.100011	2.20486	0.384289	1
gn0023808	SH2B2	0.0159946	0.0130719	0.493943	-2.02453	0.426805	0.830352	-1.20431	0.914133	0.97559	-1.02502	0.404985	1.18318	1.18318	0.0643763	1.6098	1.6098	0.0154744	1.97496	0.507496	0.0584663	2.28587	0.883922	1.53839	1.53839	0.135204	1.46622	1.46622	5.07156	4.21648	0.739019	1
gn0503756	SH2B2	0.0006315	0.539088	0.854504	-1.17054	0.0128044	0.474748	-2.10454	0.0165614	0.553382	-1.81219	0.0656681	0.592752	-1.68705	0.879996	0.69933	1.43013	0.5946	0.872851	-1.14567	0.0814982	0.613393	-1.6305	0.0518582	0.573207	-1.75108	0.0735452	2.38767	2.38767	4.9995	4.7708	0.602375	1
gp1454404*	SH2B2	0.02023	0.0459657	0.633568	-1.57836	0.0973405	0.438116	-2.2825	0.0329946	0.607899	-1.64501	0.0585738	0.652887	-1.53166	0.885832	0.02908	0.02908	0.449443	1.16624	1.16624	0.0975111	1.43734	1.43734	0.785068	1.05606	1.05606	0.0673398	2.66428	2.66428	0.0073	1.50537	4.68631	2.95493	0.560484	1
gc0302515	SH2B2	0.02216886	0.943675	1.0302	1.0302	0.0624908	0.413579	-2.41792	0.145814	0.518079	-1.93021	0.0822631	0.44455	-2.24907	0.0185491	0.357612	-2.79633	0.105786	0.475186	2.10444	0.00325883	0.18664	-5.41594	0.0298396	0.340798	-2.93429	0.074868	2.30595	4.57625	12.854	2.49675	1
gp0883136	SH2B2	0.02482585	0.6558232	1.051862	-1.05061	0.507464	0.826146	-1.20742	0.0228368	1.9526	1.9526	0.357016	0.900384	-1.11076	0.260602	0.885468	-1.12939	0.0676154	1.25488	1.25488	0.585479	1.06257	1.06257	0.0602418	0.798197	-1.25282	0.00720403	0.680716	1.46904	3.06904	0.773079	1.073109	1
gp0760676	SH2B2	0.0385343	0.0151214	0.598287	-1.67144	0.1984092	1.26345	1.26345	0.2122888	1.25327	1.25327	0.0353764	0.655986	-1.52442	0.390075	0.859367	-1.16365	0.155279	0.769741	-1.29914	0.0311234	1.5455	1.5455	0.732677	0.942706	-1.06078	0.448513	1.14215	1.14215	3.734	1.75128	0.416898	1
gn1680396	SH2B2	0.0434789	0.242478	0.735297	-1.31836	0.0221514	0.538027	-1.89098	0.0184828	0.498593	-2.00578	0.281883	0.771264	-1.29657	0.341231	0.797888	-1.25331	0.947791	1.01533	1.01533	0.0955998	1.76515	1.76515	0.383852	1.23045	1.23045	0.0988634	0.656873	-1.52236	0.5731	3.05068	0.759551	1
gn1462365	SH2B2	4.26E-06	0.219468	0.867962	-1.15252	0.0485919	0.780162	-1.28179	0.00191526	0.616175	-1.62292	0.0339183	0.897156	-1.11463	0.24E-08	0.112235	-5.62229	0.747149	1.03629	1.03629	0.00418708	1.85226	1.85226	0.277777	1.13244	1.13244	0.0011422	0.598319	0.569	9.57242	0.170957	1
gn2308761	SH2B3	0.000110706	0.630437	0.920581	-1.08627	0.5064	0.891292	-1.12197	0.000546552	0.399787	-2.50133	0.829646	0.963887	-1.03747	3.24E-06	0.153475	-6.55844	0.000118195	0.316572	-3.15884	0.353761	0.849704	-1.17688	0.555621	1.10712	1.10712	0.0118859	0.584944	-1.70956	21.5458	9.94358	0.41023	1
gn0183767	SH2B3	0.00422771	0.8700227	1.04368	-1.04368	0.229539	0.858145	-1.16538	0.0012586	0.312612	3.20183	0.0012	1.2893	1.2893	0.0034476	0.597057	-1.67512	0.0054109	1.17471	1.17471	0.205966	1.21715	1.21715	0.0018258	1.19022	1.19022	0.553656	1.09226	1.09226	2.63558	0.305444	1
gn0764090	SH2B3	0.00484164	0.912681	1.03043	1.03043	0.0361882	1.94569	1.94569	0.0244271	2.08069	2.08069	0.11241	1.60361	1.60361	0.0174235	0.957644	-1.04423	0.125162	0.635373	-1.57388	0.00794203	3.993391	3.993391	0.0011571	3.68504	3.68504	0.0374647	1.93426	1.93426	7.41088	8.76376	1.05114	1
gp5841486	SH2B3	0.0032063	0.6092595	1.609477	-1.44618	0.0134997	0.83349	-1.19977	0.232051	1.25164	1.25164	0.2719868	0.814823	-1.22726	0.382222	0.851731	-1.17408	0.0184655	0.599409	-1.66831	0.00829423	2.46299	2.46299	0.37133	1.17867	1.17867	0.2141635	1.24544	1.24544	4.58687	2.99011	0.451493	1
gc2676110	SH2B3	0.0114999	0.113655	1.31617	1.31617	0.0820657	0.735295	1.36	0.183352	1.25271	1.25271	0.136431	1.29186	1.29186	0.504147	1.11426	1.11426	0.0279258	1.6606618	-1.51373	0.741506	0.94854	-1.05425	0.00173647	0.03985	2.03985	0.0198712	1.5663	1.5663	5.65088	2.27978	0.358612	1
gp2429976	SH2B3	0.0113151	0.0436836	0.604055	-1.6654	0.0970744	0.669944	-1.49266	0.0647806	0.633672	-1.5781	0.0470739	0.606616	-1.64849	0.0660491	0.635357	-1.57392	0.0480166	0.608261	-1.64403	0.00289027	0.406143	-2.46219	0.0190208	1.86729	1.86729	0.9075	0.974757	-1.0259	0.514554	4.14897	0.681124	1
gp2639133	SH2B3	0.01720242	0.1288851	1.74172	1.74172	0.0118541	0.945713	-2.89257	0.0103188	0.335343	-2.98202	0.119416	0.564785	-1.77958	0.0724138	0.507744	1.9085	0.0604414	1.0418	1.0418	0.0028009	0.740509	0.740509	0.244844	-4.02512	0.0634955	0.629278	-1.58912	0.494666	0.962022	1.60918	1
gt0397687	SH2B3	0.0173104	0.0140017	0.55449	-1.80346	0.5565514	0.890831	-1.12255	0.00482631	0.483491	-2.06829	0.127573	0.754146	-1.326	0.175727	1.32293	1.32293	0.854533	0.964956	-1.03632	0.037232	0.624977	-1.60006	0.05231394	1.53567	1.53567	0.2419331	1.26879	1.26879	4.93947	2.95563	0.531885	1
gp3501657	SH2B3	0.0424757	0.519381	1.21839	1.21839	0.0345215	0.14385	1.14385	0.0429363	1.20963	1.20963	0.61043	1.15803	1.15803	0.0773392	0.615419	1.0912	0.0331431	1.12309	1.12309	0.0809507	1.15303	1.15303	0.0788259	1.50436	1.50436	0.0898694	0.656873	-1.52236	0.5731	3.05068	0.759551	1
gp0298094	SH2B3	0.0487987	0.0247416	0.376636	-2.65508	0.0753177	0.48516	-2.06118	0.696308	0.866525	-1.15404	0.0889292	0.503944	-1.98435	0.0662611	0.276758	-3.61327	0.842918	0.930096	-1.07516	0.195424	0.155002	-6.44955	0.0206818	0.276758	-3.61327	0.842918	0.930096	-1.07516	1.44955	7.25234	1.87818	1
gp2200597	SH2D1A;SH2D1A	0.00557199	0.338968	0.754808	-1.32484	0.00818035	0.380673	-2.62693	0.0180492	0.440537	-2.26996	0.00671304	0.366657	-2.72734	0.000984269	0.247078	-4.0473	0.0177004	0.438982	-2.278	0.0394174	0.506598	-1.97395	0.648713	1.13985	1.13985	0.00328291	0.318738	-3.13737	7.09917	9.15808	1.14669	1
gp0407547	SH2D1A;SH2D1A	0.0212126	0.348881	0.732005	-1.36605	0.0320018	0.368528	-2.71359	0.0109202	0.428125	-2.33496	0.0139752	0.479998	-2.08364	0.0490741	0.247078	-4.04061	0.0079382	0.221339	-4.51764	0.0045159	0.829097	-1.20615	0.662833	0.821154	1.21716	0.454667	0.735194	-1.36005	5.20387	1.28635	1
gp1573235	SH2D1A;SH2D1A;SH2D1A;SH2D1A	0.000962641	0.622458	1.23137	1.22137	0.0043115	0.214887	-6.6536	0.00608197	0.236151	-4.23458	0.00481905	0.221584	-4.51297	0.0013716	0.153964	6.49515	0.859337	1.07409	1.07409	5.69E-05	1.04221	1.04221	0.0402185	20.3176	0.659147	1.19586	1.314374	0.657544	-1.52081	11.8942	10.5864	2.28582	1
gn1524809	SH2D1A;SH2D1A;SH2D1A;SH2D1A	0.0214474	0.703164	1.14577	1.14577	0.0239737	0.18134	-5.51464	0.0116256	0.267358	-3.74121	0.00499301	0.265357	-3.76852	0.00199151	0.155686	6.42418	0.0155273	0.282504	-3.54073	0.00750317	0.477092	-2.09578	0.0029157	0.477092	-2.09578	0.0029157	0.477092	-2.09578	0.0029157	1.18314	6.42497	2.55555	1
gt1227457	SH2D1B	9.27E-05	0.00149711	0.582207	-1.7176	0.0283961	0.736583	-1.35762	0.00027596	0.495069	-2.01992	0.312663	0.883893	-1.13136	1.39E-06	0.233358	4.28526	0.290302	0.878364	-1.13848	0.902865	1.01453	1.01453	0.136539	0.827329	-1.20871	0.0113949	0.68778	-1.45395	22.5924	4.99703	0.196606	1
gn2703165	SH2D1B	0.0004268	0.343874	1.1784	1.1784	0.0243135	1.5712	1.5712	0.00296079	0.503198	-1.98729	7.12E-05	0.295461	-3.38454	0.0010775	0.439724	-2.27415	0.0582092	0.697406	-1.43389	0.00202802	0.480607	-2.0807	0.0599949	1.36039	1.36039	0.0194584	0.621154	-1.60891	14.9301	6.70208	0.399019	1
gn2637945	SH2D1B	0.00726278	0.00899183	0.374625	-2.66933	0.0200957	0.436534	-2.29077	0.0650907	0.542168	-1.84445	0.724013	1.11008	1.11008	0.00152304	0.259467	-3.85405	0.00617057	0.347911	-2.8743	0.038297	0.49185	-2.03314	0.215484	1.47011	1.47011	0.0258251	0.45738	-2.18637	6.53945	0.94829	1.22291	1
gp2839140	SH2D2A;SH2D2A;NTRK1;SH2D2A;SH2D2A 2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A;S	0.00300687	0.0383675	0.391439	-2.55468	0.0198136	0.33299	-3.00309	0.0033979	0.210874	-4.74216	0.00120605	0.156718	-6.38089	0.00152726	0.16808	-5.94956	0.0588375	0.434257	-2.30278	0.00907818	0.273638	-3.65446	0.0437004	0.40439	-2.47286	0.00765334	0.136365	-7.33347	0.85229	20.6846	2.1509	1
gc2563038	SH2D2A	0.00153611	0.000768304	0.420509	-2.37807	0.581419	1.09974	1.09974	0.0244669	0.632767	-1.58036	0.00773877	0.557622	-1.79333	0.0828488	0.720418	-1.38808	0.0238603	1.58462	1.58462	0.00287227	0.496492	-2.01413	0.759403	0.948902	-1.05385	0.000637766	0.408436	-2.44836	10.408	4.80546	0.410407	1
gn2497399	SH2D3A	0.0057771	0.163206	1.36206	0.00815166	0.483387	-2.06874	6.42E-06	0.234746	-4.25987	0.512616	1.10037	1.10037	0.183748	1.04749	1.04749	0.697181	1.05907	1.00188897	0.403814	-2.47639	0.258349	0.843774	-1.18515	0.814674	0.966746	-1.0344	0.00325	6.58187	0.292053	1
gn0036779	SH2D3A	0.00329183	0.133988	1.30844	1.30844	0.0116506	0.1026	1.1026	0.00156483	0.338157	-1.8582	0.00853175	0.374338	1.08007	0.0004901	0.255057	-3.92002	0.0232728	0.662166	-1.50931	0.0160829	0.346	-2.88934	0.0119844	1.10884	0.0329662	0.163099	1.50603	0.6097	6.84673	0.379407	1
gn1374832	SH2D3A	0.00113751	0.000866553	0.113263	-8.82899	0.0036541	0.178675	-5.59676	0.00298248	0.167826	-5.95856	0.156862	0.515129	-1.94126	0.00100575	0.117815	-8.48788	0.0145315	0.267435	-3.73922	0.00147967	0.0573889	-17.425	0.00599201	0.207309	-4.82373	0.0158522	0.274031	-3.64923	11.3435	34.4797	2.70188	1
gt7821154	SH2D3A	0.00290245	0.14779	1.75903	1.75903	0.329277	0.793414	-1.26036	0.0228123	2.6662	2.6662	0.148117	0.570141	-1.75413	0.0027563	0.429264	-2.32957	0.0202859	0.826727	-1.20959	0.0240996	0.286518	-3.49127	0.00276265	0.467572	0.6629	0.0925422	1.95507	1.95507	7.93984	16.5186	1.64651	1
gn0505101	SH2D3A	0.00450436	0.0274486	-2.03701	0.00632016	0.230552	-4.33742	0.127943	0.0017343	1.30229	1.30229	0.216688	0.954455	-1.91049	0.0182635	0.575836	1.73641	0.0020893	0.298255	-3.35283	0.0052023	0.356881	-2.80206	0.0257929	0.477289	-2.09517	0.0064548	1.23065	1.73565	7.5755	9.3655	1.09892	1
gp0890883	SH2D3A	0.00676772	0.00855772	4.33863	4.33863	0.00152406	7.36523	7.36523	0.670187	1.20615	1.20615	0.00574057	4.87507	4.87507	0.647137	0.81749	-1.22326	0.507371	1.34214	1.34214	0.00489452	5.11185	5.11185	0.0156051	3.65902	3.65902	0.0168092	1.58396	1.58396	6.68501	20.2663	2.69476	1
gn1202469	SH2D3A	0.0212322	0.0046617	2.67134	2.67134	0.408087	1.31144	1.31144	0.628125	1.47998	1.47998	0.272164	1.39962	1.39962	0.660974	1.03758	1.03758	0.0384953	1.34252	1.34252	0.0373548	1.31567	-2.76574	0.0408982	0.622925	22.0759	0.133888	1.67773	1.67773	4.66068	47.0969	0.68175	1
gn1479404	SH2D3A	0.0253727	0.566314	1.36792	1.36792	0.500201	0.690851	-1.44749	0.456805	0.664008	-1.50601	0.465662	0.669485	-1.49369	0.0930606	0.368421	-2.71429	0.24671	1.92443	1.92443	0.00105032	13.7361	13.7361	0.0835661	2.8152	2.8152	0.471198	1.48603	1.48603	4.33485	20.0516	4.1117	1
gn1923647	SH2D3A;SH2D3A	0.0266949	0.236806	1.44918	1.44918	0.0225515	0.968731	-1.03228	0.38127	1.34094	1.34094	0.259093	1.46402	1.46402	0.311029	0.720614	-1.38771	0.108008	1.47167	1.47167	0.0126761	1.97919	1.97919	0.856348	1.04074	1.04074	0.0860614	0.658403	-1.51883	3.70222	2.84678	0.683502	1
gn0772362	SH2D3C	0.0194423	0.142521	0.706567	-1.41509	0.0484589	0.605708	-1.65096	0.219355	1.46126	0.845797	-1.16559	0.84619	1.04075	0.104475	0.726459	-1.37654	0.639969	0.907666	-1.10173	0.0104443	0.368659	-2.71253	0.75907	1.06531	1.06531	0.970639	0.99246	-1.0076	0.419359	3.29108	0.59537	1
gn1456762	SH2D3C;SH2D3C	0.0059425	0.0058574	0.431349	-2.31805	0.0126265	0.765604	-1.30616	0.212676	0.964197	-1.03657	0.726836	0.78372	1.06973	0.0134877	0.460553	-2.17139	0.0048164	0.288408	-3.46681	0.0240797	0.430158	-2.32473	0.0119413	0.676364	1.1051	0.0134854	0.474884	-2.10534	0.0446417	0.571872	1.74884	0.844895	1
gn1537111	SH2D3C;SH2D3C;SH2D3C;SH2D3C SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2	0.0124651	0.921544	1.0228	1.0228	0.0535139	0.605416	-1.65176	0.809826	0.946321	-1.05672	0.103255	1.50355	1.50355	0.000487284	0.286246	-3.49349	0.130309	0.688019	-1.45345	0.108897	1.49201	1.49201	0.512366	0.858935	-1.16423	0.838545	1.0478	1.0478	1.50505	4.56615	0.737286	1
gn0405728*	D3C;SH2D3C SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2	0.0175722	0.014666	0.40881	0.40881	0.114455	4.36122	4.36122	0.0555599	2.74499	2.74499	0.0427073	2.96185	2.96185	0.297863	1.65246	1.65246	0.959472	0.976627	-1.02393	0.0422937	0.745585	0.745585	0.0126498	4.23188	4.23188	0.120633	2.18906	2.18906	49.4968	16.8611	3.04957	1
gp2096497	D3C;SH2D3C SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2	0.0307586	0.0381468	1.62237	1.62237	0.750887	1.06623	1.06623	0.296568	0.804188	-1.24349	0.183196	1.32892	1.32892	0.0272858	1.69208	1.69208	0.0161374	1.80887	1.80887	0.00576603	2.0719	2.0719	0.0691134	1.5061	1.5061	0.0880861	1.4608	1.4608	4.0507	2.60109	0.570786	1
g14188507	D3C;SH2D3C SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2	0.0315673	0.118719	0.837226	-1.19442	0.0782546	1.2278	1.2278	0.571476	0.941775	-1.06183	0.0425068	0.78267	-1.27768	0.706441	1.04049	1.04049	0.204234	0.868879	-1.15091	0.0237953	1.32713	1.32713	0.0670966	0.806307	-1.24022	0.0321944	0.768604	-1.30106	4.01337	0.695506	0.154928	1
gc2210502	D3C;SH2D3C	0.0474012	0.503115	0.851589	-1.17428	0.0261151	0.535789	-1.8664	0.0712427	0.621049	-1.61018	0.827845	0.949815	-1.05284	0.0919719	0.353863	-2.81007	0.046577	1.20131	1.20131	0.353174	0.79797	-1.25326	0.960356	0.988317	-1.01182	0.889082	0.967548	-1.03354	1.45484	3.05816	0.786828	1
gn2270814	SH2D3C	0.0150344	0.2242412	0.703164	-1.4577	0.0080899393	1.12751	1.12751	0.0167464	1.66934	1.66934	0.0299712	1.6228	1.6228	0.0501459	1.69394	1.69394	0.0139407	1.49842	1.49842	0.0011557	0.401765	-2.49017	0.0001075693	4.32731	4.32731	0.0001	6.90042	5.17605	0.784932	6.68412	0.622382	0.802613	-1.12001	22.0188	10.308	0.747216	1
gn2853797	SH2D4A	0.000505533	0.0116659	0.685747	-1.45826	0.000325073	2.00468	2.00468	0.00229733	0.600485	-1.66532	0.00179526	0.587646	-1.70171	0.000404875	0.510229	-1.95991	0.571762	1.07078	1.07078	0.146907	0.830007	-1.20481	0.602849	1.06484	1.06484	0.126391	0.820445	-1.21885	14.247	3.23223	0.201664	1
gn0537035	SH2D4A	0.00399183	0.0290604	3.59	3.59	0.0124839	1.10919	1.10919	0.0115219	1.12245	1.12245	0.0352083	1.57087	-1.74829	0.806529	1.12245	1.12245	0.0352083	1.57087	-1.74829	0.806529	1.12245	1.12245	0.0352083	1.57087	-1.74829	0.806529	1.12245	1.12245	0.0352083	1.57087	2.24324	0.0001	14.8367	0.583404	1.20789	1.20789	7.87573	27.599	1.31208	1
gn1451376	SH2D4A	0.00491202	0.0281033	11.6158	11.6158	0.00711498	26.7726	26.7726	0.601175	0.637907	-1.56655	0.0855167	0.63297	-1.58005	0.0712524	0.545224	-1.83408	0.0257733	16.958	16.958	0.00068001	135.584	135.584	0.00222711	57.4295	57.4295	0.294195	2.79757	2.79757	7.37846	104.478	12.5866	1
gn2020678	SH2D4A	0.01172984	0.00615091	0.155558	-6.42847	0.0756845	0.357254	-2.79913	0.0146938	0.209386	-4.77587	0.0597607	0.33091	-3.02197	0.00504653	0.14507	-6.89323	0.0571523	0.326167	-3.06592	0.00494906	0.144068	-6.94118	0.0614848	0.339971	-2.99427	0.1182256	0.413558	-2.41804	4.94063	21.2073	3.81549	1
gp1794421	SH2D4A	0.00988457	0.2788359	1.11432	1.11432	0.0100257	21.5421	21.5421	0.0001	0.0001	0.0001	0.0001	24.7194	21.0162	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	128.12	0.0087887	389.647	0.0854171	28.8746	0.034677	23.423	44.932	1
gn0138955	SH2D4A	0.0304114	0.27931	0.693256	-1.44247	0.184867	0.632527	-1.58096	0.429613	0.769038	-1.30033	0.500324	0.800253	-1.24961	0.14691	0.602271	-1.66038	0.173643	1.60639	1.60639	0.00097722	0.20243	-4.93998	0.530656	0.81312	-1.22983	0.0390449	0.461345	-2.16758	0.6071	6.83158	1.49352	1
gn0732583	SH2D4A;SH2D4A	0.0052316	0.2241456	7.24144	7.24144	0.0184213	0.84497	-1.18354	0.0241117	1.29137	1.29137	0.265154	0.880412	-1.13597	0.584097	0.241734	-4.13552	0.0034181	0.6001	0.6001	0.0085593	34.28	34.28	0.1232125	4.4903	4.4903	0.0265655	1.73949	1.73949	1.50544	4.4903	0.0556	1
gc2639108*	SH2D4B	0.00015291	0.000532915	0.239886	-4.16864	0.000646763	0.250183	-3.99707	0.0152421	0.454286	-2.20126	0.519331	0.841172	-1.18882	0.00184595	0.310163	3.22411	0.0188937	0.47102	-2.12305	0.000454822	0.231637	-4.31709	0.00179747	0.308552	-3.24095	0.0237398	0.489327	-2.04362	11.3001	12.5648	0.986964	1
gn0963377	SH2D4B	0.00208723	0.255721	0.70737	-1.42102	0.107889	0.594795	-1.68125	0.201433	0.670642	-1.49111	0.0920838	0.73176	1.73176	0.0048006	0.369672	-2.7051	0.21786	0.681208	-1.46798	0.000436327	0.18732	5.18732	0.00256229	0.435093	0.345093	0.154912	1.56961	1.56961	5.05226	13.227	1.23468

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21584979	SH3BP4	0.0314561	0.21879	1.90858	1.90858	0.0508613	0.329016	-3.03937	0.295415	0.581444	-1.71986	0.0389407	3.30204	3.30204	0.831902	1.11207	1.11207
cg15305112	SH3BP4	0.039886	0.597998	0.909133	-1.09995	0.0842718	0.710388	-1.40768	0.0894511	0.715163	-1.39828	0.328814	0.834902	-1.19775	0.0199809	0.604882	-1.65321
cg13530377	SH3BP4	0.0399435	0.480118	0.904636	-1.10542	0.595634	0.927944	-1.07765	0.00703984	0.61482	-1.62649	0.0374816	0.713861	-1.40083	0.0903389	0.7706	-1.29769
cg05046996	SH3BP5	0.0147228	0.157573	0.804173	-1.24351	0.268199	0.846773	-1.18095	0.0262047	0.683621	-1.4628	0.657624	0.937699	-1.06644	0.000239851	0.416138	-2.40305
cg01788682	SH3BP5	0.0397162	0.349213	0.803288	-1.24488	0.534855	0.866876	-1.15357	0.00375385	0.410955	-2.43335	0.0706782	0.631846	-1.58267	0.0966116	0.660597	-1.51378
cg17925022	SH3BP5;SH3BP5	0.00152771	?	?	?	0.000293507	0.136485	-7.32684	0.00234765	0.261368	-3.82602	0.219653	1.43984	1.43984	?	?	?
cg24170085	SH3BP5;SH3BP5	0.00378938	0.224008	1.68229	1.68229	0.0211076	3.09348	3.09348	0.446778	1.37131	1.37131	0.600773	1.23986	1.23986	0.324938	1.51273	1.51273
cg24146408	SH3BP5;SH3BP5	0.00417801	0.00609495	1.14503	1.14503	0.453335	0.971518	-1.02932	0.0369996	1.09595	1.09595	0.00278499	1.16877	1.16877	0.234481	0.953953	-1.04827
cg09251074	SH3BP5;SH3BP5	0.00933525	0.0555825	0.759167	-1.31723	0.00094147	1.87124	1.87124	0.231163	1.17296	1.17296	0.24473	0.856794	-1.16714	0.020527	0.701535	-1.42544
cg21871583	SH3BP5;SH3BP5	0.020195	0.022398	1.48324	1.48324	0.0802994	1.32255	1.32255	0.27213	1.17905	1.17905	0.293612	1.16997	1.16997	0.090812	0.764564	-1.30794
cg15609410	SH3BP5;SH3BP5	0.0362635	0.148727	0.756386	-1.32208	0.0193951	1.66462	1.66462	0.831723	0.962365	-1.03911	0.322049	1.20252	1.20252	0.577152	1.10688	1.10688
cg14152656	SH3BP5L	4.50E-05	0.272507	0.850346	-1.17599	0.81398	0.967098	-1.03402	0.152074	0.804302	-1.24331	0.775995	0.960317	-1.04132	0.00358754	0.57132	-1.75033
cg11140305	SH3BP5L	0.00126825	0.338393	0.853311	-1.17191	0.881783	0.976364	-1.02421	0.0014086	2.10257	2.10257	0.131416	1.29925	1.29925	0.0109243	0.598392	-1.67115
cg17324226	SH3BP5L	0.0126328	0.203063	0.623468	-1.60393	0.00200386	0.215804	-4.63383	0.259663	0.661361	-1.51203	0.166019	0.594892	-1.68098	0.00400649	0.25673	-3.89514
cg26828131	SH3BP5L	0.0208729	0.838687	1.06324	1.06324	0.379266	0.762354	-1.31173	0.512692	1.22107	1.22107	0.945397	0.979607	-1.02082	0.00526189	0.33056	-3.02517
cg19026621	SH3BP5L	0.037928	0.0324281	2.21715	2.21715	0.0379553	2.14915	2.14915	0.00719178	3.01362	3.01362	0.0287675	2.27048	2.27048	0.1143	1.72658	1.72658
cg22721468	SH3BP5L	0.0473113	0.178952	0.765963	-1.30555	0.220555	1.2719	1.2719	0.0407294	1.55451	1.55451	0.236761	0.793353	-1.26047	0.0116907	0.555245	-1.80101
cg13133084	SH3D19;SH3D19	0.0254158	0.0679209	2.07305	2.07305	0.296289	0.679687	-1.47126	0.511393	1.26805	1.26805	0.678048	0.861702	-1.16049	0.132857	1.78277	1.78277
cg09786062	SH3D19;SH3D19;SH3D19	0.022294	0.886926	1.03357	1.03357	0.214621	0.738451	-1.35419	0.014037	0.494675	-2.02153	0.0120282	2.06874	2.06874	0.021027	1.90449	1.90449
cg13496039	SH3D19;SH3D19;SH3D19	0.0445172	0.283351	0.647098	-1.54536	0.0424654	0.401568	-2.49024	0.0246401	0.351711	-2.84325	0.00759708	0.261691	-3.8213	0.0217339	0.341038	-2.93223
cg00512602	SH3D20	0.000509035	0.588557	0.935302	-1.06917	0.0143042	1.44765	1.44765	0.0366762	1.34623	1.34623	0.183451	1.18869	1.18869	0.18134	0.840475	-1.1898
cg08333931	SH3D20	0.00184442	0.00259724	2.9507	2.9507	0.0045897	2.66028	2.66028	0.985569	1.0047	1.0047	0.695833	1.10725	1.10725	0.0077394	0.411877	-2.42791
cg07067577	SH3D20	0.0135536	0.238435	0.759237	-1.31711	0.0171067	1.91234	1.91234	0.154701	1.40463	1.40463	0.0244655	1.81833	1.81833	0.0316709	0.570123	-1.75401
cg24203758	SH3D20	0.0209464	0.924072	1.02571	1.02571	0.0225748	2.06918	2.06918	0.12062	1.56554	1.56554	0.0631497	1.74453	1.74453	0.235862	0.718382	-1.39202
cg20463302	SH3D20	0.0293577	0.712297	0.928269	-1.07727	0.0113585	1.89057	1.89057	0.0660886	1.51332	1.51332	0.0527846	1.55641	1.55641	0.153718	0.735706	-1.35924
cg01971089	SH3GL1	6.94E-06	0.280648	1.30582	1.30582	0.266685	1.317	1.317	0.971018	0.991393	-1.00868	0.185815	0.7162	-1.39626	0.670916	1.10705	1.10705
cg24923526	SH3GL1	0.00338229	0.699224	0.945699	-1.05742	0.632639	0.933089	-1.07171	6.21E-05	2.89086	2.89086	0.49641	0.905465	-1.10441	0.574808	1.08492	1.08492
cg11592634	SH3GL1	0.00824386	0.0121904	3.76056	3.76056	0.025812	3.07229	3.07229	0.0269776	3.03646	3.03646	0.0478183	2.61053	2.61053	0.977805	1.01187	1.01187
cg22721311	SH3GL1	0.00924656	0.933846	1.01058	1.01058	0.00129919	1.81061	1.81061	0.254044	1.16293	1.16293	0.0956984	1.26102	1.26102	0.00658487	0.639449	-1.56385
cg14917846	SH3GL1	0.0132181	0.23973	1.41245	1.41245	0.000810784	4.1245	4.1245	0.0118589	2.41374	2.41374	0.992795	0.99747	-1.00254	0.387855	1.2818	1.2818
cg15232319	SH3GL1	0.0132201	0.732773	1.0571	1.0571	0.00352805	1.89826	1.89826	0.00860351	1.72104	1.72104	0.0681243	1.39235	1.39235	0.199266	0.802711	-1.24578
cg25327247	SH3GL1	0.0135539	0.267002	0.878473	-1.13834	0.596404	1.06171	1.06171	0.0261756	1.34391	1.34391	0.931129	1.00973	1.00973	0.488198	1.0821	1.0821
cg14723307	SH3GL1	0.0399862	0.485397	1.30253	1.30253	0.00365833	4.32912	4.32912	0.00274838	4.66773	4.66773	0.932859	0.969073	-1.03191	0.824518	1.08632	1.08632
cg02737746	SH3GL2	0.0334706	0.503984	0.749741	-1.33379	0.307592	1.56611	1.56611	0.487543	0.741128	-1.34929	0.690423	1.18536	1.18536	0.00423991	0.196741	-5.08283
cg11797092	SH3GL3;SH3GL3	3.31E-06	0.000454107	2.11907	2.11907	0.00232207	1.78272	1.78272	3.80E-05	0.34153	-2.928	0.581897	1.07852	1.07852	0.621535	1.06998	1.06998
cg02750133	SH3GL3;SH3GL3	0.0125935	0.473928	1.36637	1.36637	0.0520407	0.381262	-2.62287	0.0519104	0.380994	-2.62471	0.0220844	3.34655	3.34655	0.0724829	0.418274	-2.39078
cg18928017	SH3GL3;SH3GL3	0.0126313	0.863584	0.937827	-1.0663	0.0223782	2.77723	2.77723	0.0325338	2.54467	2.54467	0.523703	1.2728	1.2728	0.00293558	0.217632	-4.59492
cg27021357	SH3GL3;SH3GL3	0.0183654	0.414635	1.13473	1.13473	0.250439	1.19966	1.19966	0.0884154	1.32968	1.32968	0.0467929	0.708205	-1.41202	0.00455513	0.563988	-1.77309
cg19005281	SH3GL3;SH3GL3	0.0295648	0.0405804	0.782876	-1.27734	0.964524	1.00461	1.00461	0.649113	1.04856	1.04856	0.00954845	0.711931	-1.40463	0.986002	0.998186	-1.00182
cg25213546	SH3GL3;SH3GL3	0.0308079	0.173335	1.20872	1.20872	0.152941	0.818509	-1.22173	0.384088	0.889789	-1.12386	0.00849213	0.644325	-1.55201	0.0184009	1.45386	1.45386
cg23940614	SH3GL3;SH3GL3	0.0363971	0.836874	0.90121	-1.10962	0.00604631	6.10516	6.10516	0.0894834	2.57187	2.57187	0.209712	1.94838	1.94838	0.0206049	0.2449	-4.0833
cg27648738	SH3GL3;SH3GL3	0.0383142	0.00165261	0.188508	-5.30482	0.407664	0.759809	-1.31612	0.421506	0.766299	-1.30497	0.99645	1.00143	1.00143	0.0566134	0.483377	-2.06878
cg04091325	SH3GL3;SH3GL3	0.0492619	0.497734	1.34423	1.34423	0.00659388	4.55349	4.55349	0.156208	1.9191	1.9191	0.0773574	2.32514	2.32514	0.545517	0.768816	-1.3007
cg26616378	SH3GLB1	0.000691267	0.000705542	0.672983	-1.48592	0.177139	0.895796	-1.11633	0.273022	0.916206	-1.09146	0.00731193	1.30384	1.30384	0.420998	1.06509	1.06509
cg17493398	SH3GLB1	0.00531736	0.00635138	0.403663	-2.47731	0.0558799	1.71668	1.71668	0.963326	0.988814	-1.01131	0.0550198	0.581073	-1.72095	0.760747	0.927975	-1.07762
cg11204830	SH3GLB1	0.00717211	0.877471	1.02828	1.02828	0.00723888	0.534521	-1.87083	0.0022621	2.16478	2.16478	0.109715	1.37053	1.37053	0.062222	1.4615	1.4615
cg20461704	SH3GLB1	0.0130501	0.0229263	0.354486	-2.82098	0.138608	0.544658	-1.83602	0.0399438	0.404567	-2.47178	0.283592	0.654054	-1.52893	0.00402801	0.22939	-4.35939
cg02773758	SH3GLB1	0.0490205	0.132307	0.84214	-1.18745	0.0762773	1.23198	1.23198	0.076475	1.23177	1.23177	0.734967	1.03659	1.03659	0.168051	1.16813	1.16813
cg22024145	SH3GLB1;SH3GLB1	0.00320385	0.00268804	0.528034	-1.89382	0.01183	1.62229	1.62229	0.471887	1.11924	1.11924	0.130623	0.777782	-1.28571	0.156553	1.26275	1.26275
cg11526405	SH3GLB2	0.0222074	0.00332981	0.170279	-5.87272	0.936409	1.03418	1.03418	0.296349	1.5818	1.5818	0.312692	0.642687	-1.55597	0.00259262	0.156487	-6.3903
cg24774956	SH3KBP1	0.0102489	0.00610847	0.282035	-3.54566	0.102124	0.531139	-1.88275	0.21674	0.631484	-1.58357	0.105857	0.53542	-1.86769	0.00182564	0.208764	-4.7901
cg21184454	SH3KBP1;SH3KBP1	0.00469476	0.318307	1.32521	1.32521	0.037628	0.517709	-1.93159	0.00616674	0.377106	-2.65178	0.0311556	0.50136	-1.99458	0.00816632	0.396883	-2.51963
cg01162841	SH3KBP1;SH3KBP1	0.0432563	0.0568921	0.46901	-2.13215	0.00954837	0.315595	-3.16862	0.0109202	0.325455	-3.07262	0.730805	1.12902	1.12902	0.0332947	0.417232	-2.39675
cg05620165	SH3PXD2A	2.87E-05	0.00353432	0.545476	-1.83326	0.0339905	0.68432	-1.4613	8.11E-06	0.224332	-4.45769	0.378469	0.870668	-1.14854	0.000142177	0.365808	-2.73368
cg04762698	SH3PXD2A	0.000200436	0.485988	1.10773	1.10773	0.60379	1.0786	1.0786	0.819735	1.03354	1.03354	0.919234	0.985448	-1.01477	4.14E-06	0.21409	-4.67093
cg17683908	SH3PXD2A	0.000324274	0.0748978	0.688086	-1.45331	0.000379072	0.342962	-2.91577	0.000142264	0.290421	-3.44328	0.110115	0.720235	-1.38844	0.00467845	0.492322	-2.03119
cg14209793	SH3PXD2A	0.000327451	0.910974	1.0225	1.0225	0.00240398	2.31898	2.31898	0.0296989	1.66372	1.66372	0.126542	1.38926	1.38926	0.267552	0.794733	-1.25828
cg05352321	SH3PXD2A	0.000544588	0.0391853	0.760833	-1.31435	0.00199838	0.606696	-1.64827	0.602929	0.941659	-1.06196	0.0942387	0.809998	-1.23457	2.01E-05	0.372345	-2.68568
cg08740008	SH3PXD2A	0.00142437	0.58607	0.858674	-1.16459	0.050053	1.85737	1.85737	0.49696	1.21059	1.21059	0.351959	1.30399	1.30399	0.000183987	0.17353	-5.76271
cg23786152	SH3PXD2A	0.00191347	0.00683749	0.342964	-2.91576	0.858562	0.946969	-1.056	0.00222223	0.270074	-3.70269	0.119478	0.596853	-1.67546	8.92E-05	0.117339	-8.52228
cg09754828	SH3PXD2A	0.00192633	0.177758	0.814193	-1.22821	0.00309844	0.559409	-1.7876	0.0107158	0.631087	-1.58457	0.825776	0.968854	-1.03215	0.0108247	1.58307	1.58307
cg24911198	SH3PXD2A	0.00346427	0.101967	1.81186	1.81186	0.000995762	5.07073	5.07073	0.431156	1.30575	1.30575	0.675137	0.869398	-1.15022	0.517654	0.804296	-1.24332
cg12569119	SH3PXD2A	0.00559857	0.0345674	0.653322	-1.53064	0.568837	0.905318	-1.10458	0.000916694	0.42496	-2.35316	0.910556	1.0196	1.0196	0.0958074	0.729071	-1.37161
cg16669339	SH3PXD2A	0.00572246	0.986109	1.00457	1.00457	0.00836138	2.41482	2.41482	0.0941633	0.61787	-1.61846	0.483795	0.830123	-1.20464	0.00496418	0.377883	-2.64632
cg19355009	SH3PXD2A	0.00747408	0.0095557	0.620042	-1.61279	0.053966	1.37521	1.37521	0.00200062	1.88757	1.88757	0.523662	0.91017	-1.0987	0.817846	0.966959	-1.03417
cg22973172	SH3PXD2A	0.0110286	0.842702	0.93486	-1.06968	0.0949842	1.86273	1.86273	0.00414383	0.27168	-3.6808	0.842357	1.06984	1.06984	0.000790362	0.179167	-5.5814
cg05162794	SH3PXD2A	0.0122529	0.0578721	2.11488	2.11488	0.0218797	2.61385	2.61385	0.303355	1.4512	1.4512	0.119897	1.80285	1.80285	0.414781	0.747379	-1.33801
cg18735015	SH3PXD2A	0.0176811	0.163901	1.84151	1.84151	0.00626001	4.32431	4.32431	0.556349	0.783051	-1.27706	0.760205	0.881767	-1.13409	0.0378582	0.371687	-2.69044
cg08728732	SH3PXD2A	0.0204241	0.899063	0.968185	-1.03286	0.0156425	2.12765	2.12765	0.307599	1.30876	1.30876	0.498591	0.839434	-1.19128	0.00149032	0.311274	-3.21261
cg06847424	SH3PXD2A	0.0229073	0.00210529	0.322385	-3.10188	0.246629	1.37317	1.37317	0.269685	1.35102	1.35102	0.954576	0.985201	-1.01502	0.91197	0.971468	-1.02937
cg13634090	SH3PXD2A	0.0243948	0.0340043	0.644552	-1.55146	0.718878	1.06626	1.06626	0.115838	0.738345	-1.35438	0.830132	1.03887	1.03887	0.293492	1.21337	1.21337
cg06838215	SH3PXD2A	0.0245331	0.544954	1.13846	1.13846	0.577598	0.887739	-1.12646	0.234032	0.767928	-1.30221	0.242519	0.77191	-1.29549	0.0245783	0.567374	-1.76251
cg07168060	SH3PXD2A	0.0254973	0.00583318	0.24148	-4.14112	0.0610676	0.435667	-2.29533	0.00848788	0.266476	-3.75268	0.0270857	0.357014	-2.80101	0.0220932	0.339486	-2.94563
cg19726408	SH3PXD2A	0.0274737	0.943878	1.02634	1.02634	0.01441	3.04519	3.04519	0.436628	0.746012	-1.34046	0.223182	0.623391	-1.60413	0.00501861	0.253951	-3.93777
cg00492979	SH3PXD2A	0.0278448	0.225702	1.76343	1.76343	0.00318984	6.02119	6.02119	0.230054	0.570377	-1.75323	0.178417	0.528631	-1.89168	0.0547846	0.378618	-2.64118
cg11014810	SH3PXD2A	0.0281106	0.175784	0.588387	-1.69956	0.0487743	0.436424	-2.29135	0.00230479	0.208228	-4.80244	0.382092	0.718736	-1.39133	0.0295791	0.389156	-2.56966
cg20518942	SH3PXD2A	0.029015	0.0721397	0.670764	-1.49084	0.237859	0.781917	-1.27891	0.0591342	0.65445	-1.528	0.694056	0.924356	-1.08183	0.00380543	0.460003	-2.1739
cg00126946	SH3PXD2A	0.0376878	0.353414	0.757621	-1.31992	0.573923	1.17958	1.17958	0.174778	1.52133	1.52133	0.00138484	0.259824	-3.84875	0.687072	0.888941	-1.12493
cg12094736	SH3PXD2A	0.0379046	0.0414192	0.19978	-5.00551	0.00881508	0.101922	-9.81143	0.0341483	0.184014	-5.43438	0.122975	0.318452	-3.14019	0.00771124	0.0959377	-10.4234
cg09210519	SH3PXD2A	0.0395782	0.020286	0.133974	-7.46413	0.207107	0.38456	-2.60038	0.016471	0.121844	-8.20722	0.536819	1.56712	1.56712	0.655997	1.37994	1.37994
cg12800012	SH3PXD2A	0.0408368	0.275632	0.631897	-1.58254	0.0134977	0.29006	-3.44756	0.0414314	0.386013	-2.59058	0.464622	0.739905	-1.35152	0.0399442	0.382481	-2.61451
cg03880642	SH3PXD2A	0.0424743	0.0240548	0.337228	-2.96535	0.520576	0.768704	-1.30089	0.254933	0.618708	-1.61627	0.597382	0.806301	-1.24023	0.0061713	0.23626	-4.23263
cg19007269	SH3PXD2A	0.0456774	0.0219505	0.221273	-4.51929	0.133523	0.411438	-2.4305	0.488062	1.47193	1.47193	0.199237	0.475045	-2.10506	0.0789335	0.34281	-2.91707
cg07291639	SH3PXD2A	0.0487542	0.23774	1.45422	1.45422	0.290906	1.39353	1.39353	0.492509	0.809736	-1.23497	0.0332518	2.1244	2.1244	0.112808	0.592974	-1.68641
ch.5.3276032R	SH3PXD2B	0.00849895	0.00170429	0.420589	-2.37762	0.0027244	0.449322	-2.22557	0.00229485	0.438723	-2.27934	0.0134184	0.553309	-1.80731	0.460155	0.864708	-1.15646
cg04812726	SH3PXD2B	0.0165974	0.285708	0.700649	-1.42725	0.00470759	3.33691	3.33691	0.0566866	1.99791	1.99791	0.624549	1.17147	1.17147	0.0402212	0.467444	-2.13929
cg18135683	SH3PXD2B	0.0188474	0.155682	1.29599	1.29599	0.000951848	2.31765	2.31765	?	?	?	0.245743	1.23024	1.23024	0.597804	1.09512	1.09512
cg02103891	SH3PXD2B	0.0189799	0.79191	1.06569	1.06569	0.246554	1.33851	1.33851	0.673629	0.903098	-1.1073	0.412685	1.22326	1.22326	0.00164575	0.33814	-2.95736
cg12938520	SH3PXD2B	0.0373366	0.221433	0.503593	-1.98573	0.115238	2.49433	2.49433	0.106061	0.389798	-2.56543	0.861338	1.09781	1.09781	0.154679	0.443454	-2.25473
cg12609740	SH3PXD2B	0.0383299	0.69952	0.969669	-1.03128	0.141161	1.13392	1.13392	0.478196	1.05893	1.05893	0.903524	1.00968	1.00968	0.00857314	1.30512	1.30512
cg25693317	SH3PXD2B	0.0453	0.0121579	0.20053	-4.98679	0.0181204	0.228669	-4.37314	0.0387698	0.29219	-3.42243	0.314909	0.586084	-1.70624	0.0314317	0.27321	-3.66019
cg11329449	SH3PXD2B	0.0464767	0.579126	1.25545	1.25545	0.256106	1.61824	1.61824	0.123629	1.96826	1.96826	0.318999	1.51918	1.51918	0.0606346	0.423634	-2.36053
cg15926342	SH3PXD2B	?	?	?	?	?	0.785683	-1.27278	?	1.09867	1.09867	?	?	?	?	?	?
cg19687711	SH3RF1	0.00026696	0.000979385	0.586177	-1.70597	0.00609658	0.677011	-1.47708	0.77997	0.969948	-1.03098	0.0311746	1.31722	1.31722	0.0531875	1.2704	1.2704
cg05907036	SH3RF1	0.000307907	0.0374989	0.6802	-1.47016	0.97661	1.00469	1.00469	0.287475	0.838347	-1.19282	0.0126827	0.609814	-1.63984	4.20E-05	0.288028	-3.47189
cg01642901	SH3RF1	0.00493112	0.0237984	0.327843	-3.05024	0.00983969	0.259565	-3.8526	0.0031992	0.189447	-5.27852	0.0263429	0.336593	-2.97094	0.783307	1.12071	1.12071
cg22823122	SH3RF1	0.00596993	0.192812	0.737234	-1.35642	0.162442	1.39077	1.39077	0.0504352	1.63749	1.63749	0.0101684	0.488261	-2.04809	0.000475215	0.297117	-3.36568
cg13251507	SH3RF1	0.0188796	0.112448	0.646591	-1.54657	0.966195	1.01075	1.01075	0.629014	0.884409	-1.1307	0.00616042	2.46357	2.46357	0.0980619	0.632613	-1.58075
cg13383775	SH3RF1	0.0196773	0.290374	0.759458	-1.31673	0.0148407	0.47165	-2.12022	0.00298078	0.359982	-2.77792	0.082447	1.61989	1.61989	0.453641	1.21096	1.21096
cg00749498	SH3RF1	0.0248461	0.0178732	0.690549	-1.44812	0.934217	0.989437	-1.01068	0.398866	1.11751	1.11751	0.927067	0.988293	-1.01185	0.0239149	0.707072	-1.41428
cg11552640	SH3RF1	0.0263943	0.0607001	0.335349	-2.98197	0.00416779	0.137528	-7.27122	0.0150766	0.213671	-4.6801	0.959113	1.02684	1.02684	0.00512255	0.147968	-6.75821
cg09178384	SH3RF1	0.0420115	0.495185	1.43134	1.43134	0.0026263	8.6402	8.6402	0.01477	4.72734	4.72734	0.460938	1.47499	1.47499	0.349209	0.607158	-1.64702
cg17218827	SH3RF1	0.0487999	0.136786	0.565623	-1.76796	0.0565614	0.464233	-2.15409	0.00650485	0.284416	-3.51598	0.344455	0.707372	-1.41368	0.0100999	0.315411	-3.17046
cg20727043	SH3RF2	0.000262176	0.112333	0.728687	-1.37233	0.0121846	0.564428	-1.7717	3.04E-05	0.224867	-4.44707	0.127702	0.739678	-1.35194	0.018553	0.592918	-1.68658
cg14624314	SH3RF2	0.000269787	0.000469174	0.245995	-4.06511	0.00239415	2.94294	2.94294	0.483166	0.833772	-1.19937	0.497653	0.838922	-1.19201	6.92E-05	0.156504	-6.38961
cg26351416	SH3RF2	0.00129206	0.00184101	0.201953	-4.95164	0.00409729	0.248345	-4.02666	0.0090629	0.301351	-3.31839	0.00787941	0.291459	-3.43101	0.000738236	0.156621	-6.38485
cg17823376	SH3RF2	0.00378851	0.492323	0.870758	-1.14842	0.502636	1.14455	1.14455	0.00351845	0.455939	-2.19327	0.00193149	0.418619	-2.38881	0.00103151	0.381026	-2.6245
cg11339912	SH3RF2	0.0188871	0.672539	1.06404	1.06404	0.978576	1.00393	1.00393	0.0324563	0.693825	-1.44129	0.0310975	0.691128	-1.44691	0.0679565	0.741954	-1.34779
cg04655243	SH3RF2	0.0379597	0.00817403	0.374341	-2.67136	0.0481239	0.519049	-1.9266	0.0378404	0.497026	-2.01197	0.035995	2.03021	2.03021	0.523953	0.829038	-1.20622
cg08017606	SH3RF2	0.0457616	0.596425	0.918692	-1.0885	0.296549	1.18737	1.18737	0.00267845	1.93218	1.93218	0.0998829	0.751175	-1.33125	0.832254	1.03423	1.03423
cg20706049	SH3RF3	0.000595674	0.0601404	0.611253	-1.63598	0.585823	0.880087	-1.13625	0.0877058	1.54895	1.54895	0.000926705	3.15241	3.15241	0.368096	1.23939	1.23939
cg17297613	SH3RF3	0.000756339	0.00422609	0.665447	-1.50275	0.000474844	0.557906	-1.79242	0.000114974	0.48706	-2.05313	0.0632818	0.800825	-1.24871	0.00161779	0.618425	-1.61701
cg25707877	SH3RF3	0.00095413	0.307867	0.828982	-1.2063	0.000147452	0.313554	-3.18925	0.00130037	0.435047	-2.2986	0.0101185	1.77984	1.77984	0.144517	1.32116	1.32116
cg16782339	SH3RF3	0.00184495	0.0050583	0.489523	-2.04281	0.0227169	1.69136	1.69136	0.195075	0.767888	-1.30227	0.0223666	0.590128	-1.69455	0.000804376	0.377319	-2.65028
cg11941230	SH3RF3	0.00209826	0.113202	1.17696	1.17696	0.0569827	0.815806	-1.22578	0.000567025	0.603645	-1.6566	0.000689381	0.612798	-1.63186	0.451658	0.930085	-1.07517
cg11380807	SH3RF3	0.00393796	0.296117	1.16539	1.16539	0.000361782	0.445797	-2.24317	0.0158621	0.65875	-1.51803	0.353007	1.14456	1.14456	0.0954018	0.771958	-1.29541
cg03063658	SH3RF3	0.0112034	0.0118447	0.19089	-5.23863	0.0265466	3.99783	3.99783	0.318496	0.58077	-1.72185	0.0531444	0.314104	-3.18366	0.293904	1.775	1.775
cg14795555	SH3RF3	0.0114611	0.445079	0.823489	-1.21435	0.00285387	2.78486	2.78486	0.468669	1.20193	1.20193	0.11746	1.52835	1.52835	0.00753925	0.424126	-2.35779
cg27294813	SH3RF3	0.0136357	0.00352665	0.0928897	-10.7655	0.0225325	0.193746	-5.16139	0.0472963	0.255807	-3.90919	0.153827	0.399641	-2.50225	0.00408092	0.0987402	-10.1276
cg11940804	SH3RF3	0.0174378	0.335325	1.12071	1.12071	0.0969741	0.811431	-1.23239	0.0221595	0.730087	-1.3697	0.464117	1.08923	1.08923	0.57514	1.06711	1.06711
cg25164996	SH3RF3	0.0174667	0.0187203	0.427193	-2.34086	0.946022	0.979991	-1.02042	0.0456902	0.504645	-1.98159	0.67578	0.882004	-1.13378	0.000989047	0.231967	-4.31096
cg10941445	SH3RF3	0.0181083	0.0569727	0.505161	-1.97957	0.00736611	0.334575	-2.98887	0.324868	0.724475	-1.38031	0.414695	0.76772	-1.30256	0.0191894	0.407257	-2.45545
cg23733568	SH3RF3	0.0230903	0.583329	1.09763	1.09763	0.380105	0.859502	-1.16346	0.0493218	0.685727	-1.45831	0.944581	1.01176	1.01176	0.514338	0.89476	-1.11762
cg06553052	SH3RF3	0.0240855	0.624297	0.90416	-1.106	0.0525496	0.637705	-1.56812	0.164967	0.739095	-1.35301	0.710141	0.926633	-1.07918	0.183419	1.33387	1.33387
cg20592766	SH3RF3	0.0251137	0.037294	0.362097	-2.76169	0.0240718	0.32279	-3.09799	0.138518	0.511609	-1.95462	0.18865	0.556919	-1.79559	0.035149	0.356532	-2.8048
cg22411472	SH3RF3	0.026606	0.000746061	0.507931	-1.96877	0.452353	1.10665	1.10665	0.0760275	0.770024	-1.29866	0.351433	1.13534	1.13534	0.723043	1.04823	1.04823
cg06129617	SH3RF3	0.028107	0.620844	1.16348	1.16348	0.321907	1.36443	1.36443	0.589701	0.847622	-1.17977	0.856908	0.946667	-1.05634	0.000513985	0.192754	-5.18795
cg23986590	SH3RF3	0.0299009	0.0699317	0.35444	-2.82135	0.0124889	0.203777	-4.90731	0.0390029	0.294363	-3.39716	0.328744	0.596942	-1.6752	0.0508598	0.32028	-3.12227
cg23338388	SH3RF3	0.0331873	0.111512	0.778695	-1.2842	0.013326	1.55653	1.55653	0.562087	1.08827	1.08827	0.751417	0.955176	-1.04693	0.0954624	0.767734	-1.30254
cg01592658	SH3RF3	0.0345124	0.233392	0.838839	-1.19212	0.996897	1.00055	1.00055	0.192076	0.823477	-1.21436	0.602061	1.0768	1.0768	0.185842	1.21811	1.21811
cg17032565	SH3RF3	0.0385992	0.0313121	0.0889987	-11.2361	0.00762381	0.0374214	-26.7227	0.0464325	0.112539	-8.88582	0.0608659	0.132199	-7.56438	0.0241579	0.0761868	-13.1256
cg18652923	SH3RF3;LOC100287216	0.0218189	0.0216837	0.773095	-1.2935	0.0147897	1.3247	1.3247	0.0243512	1.28433	1.28433	0.505062	0.94038	-1.0634	0.650873	0.959487	-1.04222
cg16268848	SH3RF3;LOC100287216	0.0251411	0.0137018	0.695741	-1.43732	0.676364	0.951266	-1.05123	0.159743	0.83628	-1.19577	0.13663	0.826261	-1.21027	0.0139839	1.43508	1.43508
cg04493432	SH3TC1	0.00136958	0.0140227	0.309892	-3.22693	0.149209	1.81729	1.81729	0.163223	0.562835	-1.77672	0.00433471	0.229357	-4.36001	0.000167597	0.0842124	-11.8747
cg02933639	SH3TC1	0.00147499	0.000605091	0.419927	-2.38137	0.22674	0.81198	-1.23156	0.0019526	0.487344	-2.05194	0.00839004	0.575443	-1.73779	0.000132916	0.337135	-2.96617
cg26405979	SH3TC1	0.00406864	0.0355941	0.732927	-1.36439	0.483449	0.913512	-1.09468	0.0047848	0.621489	-1.60904	0.786258	1.03513	1.03513	0.000147541	0.436509	-2.2909
cg23651808	SH3TC1	0.00868541	0.0118218	0.367786	-2.71897	0.368217	0.745199	-1.34192	0.197646	0.648349	-1.54238	0.0124584	0.371774	-2.68981	0.151132	0.61292	-1.63154
cg07248017	SH3TC1	0.0105235	0.0921731	0.789472	-1.26667	0.161752	0.826514	-1.2099	0.119188	0.806018	-1.24067	0.350715	0.884717	-1.13031	0.190147	0.837824	-1.19357
cg04370174	SH3TC1	0.019456	0.275924	0.709049	-1.41034	0.00380965	0.306122	-3.26667	0.00491591	0.322897	-3.09696	0.115887	0.59545	-1.6794	0.00349499	0.300579	-3.32691
cg27142825	SH3TC1	0.0209634	0.0522898	0.689711	-1.44988	0.0018467	0.475182	-2.10446	0.315561	1.19083	1.19083	0.439856	0.875829	-1.14178	0.0459758	0.680498	-1.46951
cg04605681	SH3TC1	0.0211394	0.0083718	0.369488	-2.70645	0.236081	0.692848	-1.44332	0.194846	0.666791	-1.49972	0.0382499	0.491773	-2.03346	0.00134595	0.252444	-3.96128
cg05995991	SH3TC1	0.0282243	0.0628385	0.408279	-2.4493	0.00305809	0.176211	-5.67503	0.0752856	0.428438	-2.33406	0.0150991	0.278603	-3.58934	0.0560964	0.396136	-2.52439

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21584979	0.0700059	2.75214	2.75214	0.294374	0.580713	-1.72202	0.00651703	5.8519	5.8519	0.256866	1.80649	1.80649	4.01843	15.8941	3.51583	1
cg15305112	0.138771	0.751788	-1.33016	0.0785154	0.704779	-1.41888	0.0203953	1.64938	1.64938	0.0678755	0.693407	-1.44215	3.68701	1.87172	0.451247	1
cg13530377	0.126323	0.793796	-1.25977	0.0169531	0.665903	-1.50172	0.373438	1.13607	1.13607	0.0286704	0.697405	-1.43389	3.68505	1.13781	0.274456	1
cg05046996	0.444072	0.893575	-1.1191	0.878477	1.02231	1.02231	0.814703	1.03444	1.03444	0.601151	0.926756	-1.07903	5.21273	1.71706	0.292798	1
cg01788682	0.0569047	0.612769	-1.63194	0.101979	1.50209	1.50209	0.485576	1.17476	1.17476	0.853009	1.04306	1.04306	3.6928	3.02165	0.727336	1
cg17925022	0.416572	0.792899	-1.2612	0.00483504	3.17906	3.17906	0.231331	1.42512	1.42512	0.733588	1.09951	1.09951	16.7115	15.0772	0.773319	1
cg24170085	0.071199	2.27191	2.27191	0.000173607	0.0746061	-13.4037	0.0560667	2.41369	2.41369	0.201609	1.73169	1.73169	7.98138	20.9597	2.33429	1
cg24146408	0.000691068	1.21642	1.21642	0.0158437	1.11827	1.11827	0.631257	1.01846	1.01846	0.685122	0.984698	-1.01554	7.74999	0.175623	0.0201432	1
cg09251074	0.95624	0.993055	-1.00699	0.108613	1.24893	1.24893	0.126274	0.810504	-1.2338	0.591768	0.933552	-1.07118	6.04175	1.54367	0.227111	1
cg21871583	0.926092	0.98672	-1.01346	0.171964	1.23308	1.23308	0.00731479	1.64594	1.64594	0.00409477	1.74201	1.74201	4.68907	1.54194	0.292299	1
cg15609410	0.0572676	1.47363	1.47363	0.00268092	2.1131	2.1131	0.411425	1.16347	1.16347	0.260388	1.23569	1.23569	3.8177	1.96501	0.45752	1
cg14152656	1.56E-06	0.178853	-5.59119	0.0319007	1.42889	1.42889	0.446646	1.11639	1.11639	2.86E-05	0.311425	-3.21104	27.3805	8.73654	0.283625	1
cg11140305	0.124135	0.765174	-1.30689	0.00174202	2.04949	2.04949	0.000389062	2.48231	2.48231	0.762488	1.04993	1.04993	10.9966	4.50011	0.363757	1
cg17324226	0.00877324	0.309224	-3.2339	0.0085643	0.307503	-3.252	0.26672	0.665725	-1.50212	0.0217389	0.379606	-2.63431	5.48114	10.7327	1.74055	1
cg26828131	0.0116811	0.387545	-2.58034	0.0162262	2.42159	2.42159	0.168123	1.55559	1.55559	0.881536	1.04588	1.04588	4.63663	6.64524	1.27396	1
cg19026621	0.0794526	1.85704	1.85704	0.0107678	2.76959	2.76959	0.253722	1.46079	1.46079	0.78769	1.08962	1.08962	3.75574	6.01322	1.42318	1
cg22721468	0.0810586	0.696834	-1.43506	0.640294	0.915866	-1.09186	0.491915	1.13923	1.13923	0.238725	1.25914	1.25914	3.4598	1.91084	0.490931	1
cg13133084	0.0721122	2.04564	2.04564	0.00263429	4.4114	4.4114	0.0489611	2.22901	2.22901	0.0136084	2.96956	2.96956	4.33229	8.72269	1.7897	1
cg09786062	0.808276	1.05804	1.05804	0.036847	1.75548	1.75548	0.457312	0.838891	-1.19205	0.716267	0.918775	-1.08841	4.53323	3.86727	0.758306	1
cg13496039	0.789693	0.900879	-1.11003	0.907227	1.04658	1.04658	0.550487	0.789878	-1.26602	0.0262262	0.357124	-2.80015	3.53978	8.54858	2.14667	1
cg00512602	0.10768	1.23987	1.23987	0.000186495	2.16527	2.16527	2.52E-05	2.78511	2.78511	0.641827	0.944244	-1.05905	14.2197	3.37799	0.211162	1
cg08333931	0.00881961	2.37419	2.37419	0.00248164	0.336039	-2.97584	0.0514217	1.77723	1.77723	0.411243	1.24344	1.24344	9.8717	10.5127	0.946609	1
cg07067577	0.0992578	1.49645	1.49645	0.149702	0.708549	-1.41133	0.0212816	0.539298	-1.85426	0.192766	1.36	1.36	5.35656	4.22139	0.700515	1
cg24203758	0.0288637	1.98601	1.98601	0.00724512	0.397527	-2.51555	0.1637	1.48549	1.48549	0.861481	0.954562	-1.0476	4.63106	5.19982	0.998056	1
cg20463302	0.00743549	1.99923	1.99923	0.109938	1.41927	1.41927	0.110357	1.41858	1.41858	0.801074	0.950531	-1.05204	4.11832	2.63395	0.568505	1
cg01971089	0.973024	0.991987	-1.00808	5.23E-08	0.0114741	-87.153	0.0466915	0.581627	-1.71932	0.250831	0.75164	-1.33042	44.6008	39.9921	0.797038	1
cg24923526	0.588839	0.924525	-1.08164	0.0707845	0.74802	-1.33686	0.123121	1.2715	1.2715	0.118759	1.27571	1.27571	8.25784	2.70455	0.291122	1
cg11592634	0.988535	1.00611	1.00611	0.00122829	7.42401	7.42401	0.00207292	6.28886	6.28886	0.0589371	2.47067	2.47067	6.28443	17.8985	2.53163	1
cg22721311	0.0155182	1.45672	1.45672	0.108231	1.24865	1.24865	0.400387	1.11526	1.11526	0.660141	1.05768	1.05768	6.06012	1.54139	0.226088	1
cg14917846	0.302989	1.3489	1.3489	0.728614	1.10264	1.10264	0.00284166	3.16602	3.16602	0.38472	1.28402	1.28402	5.40069	6.73034	1.10773	1
cg15232319	0.00583896	1.79465	1.79465	0.148184	1.28573	1.28573	0.018191	1.59137	1.59137	0.605361	1.08812	1.08812	5.40043	2.24546	0.369593	1
cg25327247	0.721401	1.04093	1.04093	0.000440021	0.536851	-1.86271	0.735205	0.96268	-1.03877	0.246158	0.872936	-1.14556	5.35652	1.06501	0.176734	1
cg14723307	0.923957	1.03624	1.03624	0.52133	1.27424	1.27424	0.569355	1.23913	1.23913	0.999109	1.00042	1.00042	3.68361	8.1096	1.95692	1
cg02737746	0.198202	0.56124	-1.78177	0.00352	0.186216	-5.37012	0.817477	1.10317	1.10317	0.778895	0.887317	-1.12699	3.92999	11.2291	2.53982	1
cg11797092	9.09E-08	0.0926872	-10.789	0.760836	1.04237	1.04237	0.0159743	0.669673	-1.49327	0.852727	1.02558	1.02558	53.9606	15.7882	0.260079	1
cg02750133	0.0384834	2.85524	2.85524	0.00920444	4.34539	4.34539	0.0279029	3.12853	3.12853	0.386742	1.46337	1.46337	6.19511	17.5551	2.20399	1
cg18928017	0.0377661	2.458	2.458	0.301627	1.49103	1.49103	0.0645045	0.46061	-2.17103	0.884251	0.947076	-1.05588	5.48135	12.0957	1.9615	1
cg27021357	0.103668	0.763575	-1.30963	0.00838147	0.600185	-1.66615	0.760463	0.954708	-1.04744	0.25902	0.836529	-1.19542	4.84226	1.76199	0.323447	1
cg19005281	0.116092	1.19337	1.19337	0.00519736	0.682642	-1.4649	0.91358	0.988826	-1.0113	0.478375	1.07746	1.07746	4.10808	0.697164	0.15085	1
cg25213546	0.0315199	0.71894	-1.39094	0.68087	1.0556	1.0556	0.693292	1.05323	1.05323	0.932263	0.988939	-1.01119	4.04839	1.09767	0.241011	1
cg23940614	0.0839565	2.62428	2.62428	0.288174	1.74428	1.74428	0.526158	0.723205	-1.38273	0.597894	1.30805	1.30805	3.8126	15.3707	3.5836	1
cg27648738	0.844887	1.06507	1.06507	0.078072	0.519537	-1.92479	0.724943	0.89243	-1.12054	0.205198	1.55029	1.55029	4.60864	7.1935	1.04058	1
cg04091325	0.0125587	3.79629	3.79629	0.225759	1.72749	1.72749	0.457176	1.38456	1.38456	0.026722	3.0898	3.0898	3.40732	9.96566	2.5998	1
cg26616378	0.412952	0.937808	-1.06632	0.000135252	0.602317	-1.66026	0.00522798	0.753801	-1.32661	0.00214021	0.718316	-1.39214	13.0568	1.21692	0.0828464	1
cg17493398	0.00108066	0.283761	-3.52409	0.628147	0.887328	-1.12698	0.438233	1.21413	1.21413	0.00183779	0.317585	-3.14876	8.33987	7.73896	0.721737	1
cg11204830	0.0720034	0.695569	-1.43767	0.477319	1.13952	1.13952	0.0431294	0.656645	-1.52289	0.159529	0.762068	-1.31222	6.56517	3.39756	0.460011	1
cg20461704	0.0156055	0.323051	-3.09549	0.00800885	0.273889	-3.65111	0.0697656	2.16596	2.16596	0.213236	0.606808	-1.64797	5.42333	12.4752	2.04469	1
cg02773758	0.52035	0.933398	-1.07135	0.0207955	0.745015	-1.34225	0.513586	0.932322	-1.07259	0.0505177	1.26585	1.26585	3.41368	0.604932	0.157519	1
cg22024145	0.341146	1.163	1.163	0.00056185	0.438979	-2.27802	0.759927	0.953912	-1.04831	0.154904	1.26409	1.26409	8.39244	3.15004	0.333637	1
cg11526405	0.936067	0.966776	-1.03437	0.0975213	0.459836	-2.17469	0.567248	1.27627	1.27627	0.909656	1.04897	1.04897	5.04191	13.8654	2.13891	1
cg24774956	0.00625057	0.283582	-3.52631	0.00322698	0.241433	-4.14194	0.0315302	0.409895	-2.43965	0.231137	0.641321	-1.55928	5.86429	11.617	1.76087	1
cg21184454	0.0330359	1.97478	1.97478	0.0139453	2.2911	2.2911	0.31807	1.3254	1.3254	0.0439762	0.531583	-1.88117	7.48081	8.8291	1.0491	1
cg01162841	0.247528	0.653899	-1.52929	0.0672162	0.486417	-2.05585	0.771299	1.10784	1.10784	0.983534	1.00728	1.00728	3.57793	6.99565	1.73798	1
cg05620165	0.515235	0.903814	-1.10642	1.27E-06	0.148118	-6.75139	0.458152	0.890662	-1.12276	0.0245277	0.663262	-1.5077	30.8017	11.4599	0.330715	1
cg04762698	0.596833	1.08021	1.08021	0.00124559	1.97722	1.97722	0.817017	1.03406	1.03406	0.0597725	0.735651	-1.35934	18.3603	6.07396	0.294062	1
cg17683908	0.0552741	0.663995	-1.50604	3.21E-05	0.217617	-4.59522	0.000623264	0.370884	-2.69626	0.389173	0.846783	-1.18094	16.1032	9.0581	0.500003	1
cg14209793	0.00435423	0.468703	-2.13355	3.12E-05	0.198795	-5.03032	0.0025111	0.433927	-2.30453	0.410923	0.845981	-1.18206	16.0602	10.0648	0.557058	1
cg05352321	0.0111998	0.694854	-1.43915	0.171528	1.18144	1.18144	0.0447038	1.30208	1.30208	0.0187874	0.721743	-1.38553	13.9555	2.89968	0.184694	1
cg08740008	0.00101983	0.259305	-3.85646	0.0107382	0.411345	-2.43105	0.283239	1.36199	1.36199	0.0184507	0.452907	-2.20796	10.6367	12.9355	1.081	1
cg23786152	0.476735	0.801706	-1.24734	0.0026131	0.279899	-3.57272	0.832352	1.0669	1.0669	0.0781931	0.550056	-1.818	9.76683	14.4338	1.31363	1
cg09754828	0.000378498	0.442555	-2.25961	0.0932285	1.30347	1.30347	0.0931066	0.767094	-1.30362	0.0255794	0.683376	-1.46332	9.74783	3.18037	0.290013	1
cg24911198	0.642835	0.856363	-1.16773	0.000823058	0.187637	-5.32944	0.0147979	2.7067	2.7067	0.431943	1.30513	1.30513	8.19894	14.3157	1.55204	1
cg12569119	0.0517375	1.4658	1.4658	0.0552013	0.686981	-1.45565	0.00688292	1.83007	1.83007	0.771922	0.951036	-1.05148	7.08877	3.34969	0.420031	1
cg16669339	0.986668	0.995638	-1.00438	0.98872	0.996308	-1.00371	0.0018581	3.17566	3.17566	0.0372844	1.88226	1.88226	7.0412	7.63384	0.963704	1
cg19355009	0.042476	1.40531	1.40531	0.936122	1.01174	1.01174	0.101348	0.770081	-1.29856	0.0229301	1.48632	1.48632	6.48103	2.17716	0.298603	1
cg22973172	0.640321	1.17298	1.17298	0.0790121	0.516231	-1.93712	0.933232	0.971992	-1.02882	0.668734	0.864215	-1.15712	5.72773	10.4269	1.61815	1
cg05162794	0.389037	1.36117	1.36117	0.000472489	6.80959	6.80959	0.0411825	2.27687	2.27687	0.0237552	2.56704	2.56704	5.53588	10.6977	1.71771	1
cg18735015	0.877119	1.06567	1.06567	0.0226187	3.07105	3.07105	0.022301	3.0823	3.0823	0.0283163	2.89825	2.89825	4.90449	13.1231	2.37843	1
cg08728732	0.958528	1.01334	1.01334	0.0691126	1.67896	1.67896	0.823796	0.944765	-1.05846	0.959255	1.0131	1.0131	4.67111	4.80224	0.913843	1
cg06847424	0.0407573	0.538888	-1.85567	0.0446182	1.82857	1.82857	0.51884	0.842663	-1.18671	0.147445	0.66574	-1.50209	4.4911	4.87321	0.964517	1
cg13634090	0.926858	1.01643	1.01643	0.00530181	1.91972	1.91972	0.569087	1.10753	1.10753	0.00989402	1.78323	1.78323	4.39448	2.19226	0.443437	1
cg06838215	0.0611336	1.56306	1.56306	0.0241153	1.76697	1.76697	0.192827	0.746978	-1.33873	0.0109613	0.508796	-1.96542	4.38587	3.11199	0.63071	1
cg07168060	0.18928	0.578471	-1.72869	0.0180528	0.322849	-3.09742	0.0384489	0.389069	-2.57024	0.310582	0.661673	-1.51132	4.32745	10.6191	2.18123	1
cg19726408	0.812972	1.09146	1.09146	0.732862	0.881173	-1.13485	0.0452468	2.33533	2.33533	0.240483	1.57421	1.57421	4.21584	9.10276	1.91927	1
cg00492979	0.691877	1.19435	1.19435	0.0729142	2.4398	2.4398	0.216072	1.78684	1.78684	0.249564	1.71007	1.71007	4.19599	13.2108	2.7986	1
cg11014810	0.072163	0.477401	-2.09467	0.00549564	0.26057	-3.83774	0.353928	0.703711	-1.42104	0.254821	0.6453	-1.54967	4.18197	8.99051	1.91096	1
cg20518942	0.758929	0.940593	-1.06316	0.0356363	1.62671	1.62671	0.115002	0.71107	-1.40633	0.0729943	0.671745	-1.48866	4.13547	2.59279	0.5573	1
cg00126946	0.278341	0.720585	-1.38776	0.175453	1.5202	1.5202	0.815175	0.934194	-1.07044	0.204019	0.677264	-1.47653	3.76447	5.03854	1.18973	1
cg12094736	0.107211	0.299984	-3.33351	0.0513741	0.218941	-4.56743	0.134387	0.331096	-3.02028	0.038217	0.193055	-5.17988	3.75659	27.8973	6.60109	1
cg09210519	0.0473721	0.196018	-5.10157	0.00782107	0.0861059	-11.6136	0.184921	0.364226	-2.74555	0.961055	1.0357	1.0357	3.69754	30.2155	7.26383	1
cg12800012	0.0634383	0.429657	-2.32744	0.00315509	0.195369	-5.11852	0.524271	0.770136	-1.29847	0.676606	0.843853	-1.18504	3.65512	9.48336	2.30626	1
cg03880642	0.527851	0.772321	-1.2948	0.0118948	0.281369	-3.55405	0.175122	1.79046	1.79046	0.636634	0.82513	-1.21193	3.60228	9.30847	2.29693	1
cg19007269	0.134075	0.412037	-2.42697	0.00521637	0.132311	-7.55796	0.0408406	0.273767	-3.65275	0.0751553	0.337093	-2.96654	3.50584	16.7208	4.23948	1
cg07291639	0.124391	1.65491	1.65491	0.00989586	2.6825	2.6825	0.0393081	2.05848	2.05848	0.377037	1.31581	1.31581	3.42073	4.96657	1.29058	1
ch.5.3276032R	0.110134	0.714195	-1.40018	0.231861	0.784749	-1.27429	0.0312583	0.613537	-1.62989	0.130704	0.729433	-1.37093	6.22426	3.68361	0.526058	1
cg04812726	0.743613	0.900053	-1.11105	0.111865	0.573783	-1.74282	0.011163	2.77448	2.77448	0.896331	1.04271	1.04271	5.00944	8.16724	1.44922	1
cg18135683	0.039713	1.50064	1.50064	0.415478	1.15264	1.15264	0.00882847	1.76652	1.76652	0.976171	0.994915	-1.00511	4.88815	2.00467	0.410108	1
cg02103891	0.913776	0.974276	-1.0264	0.0108558	0.463185	-2.15896	0.661951	0.899554	-1.11166	0.0195511	0.50716	-1.97176	4.78877	4.39079	0.815015	1
cg12938520	0.767454	1.17149	1.17149	0.00149007	0.0867279	-11.5303	0.698734	1.23069	1.23069	0.60676	0.757974	-1.31931	3.77736	17.0426	4.01046	1
cg12609740	0.0433803	1.20262	1.20262	0.031858	0.818932	-1.2211	0.230456	1.10507	1.10507	0.051654	1.19231	1.19231	3.74128	0.373705	0.0887884	1
cg25693317	0.0542345	0.325249	-3.07457	0.0398887	0.294858	-3.39146	0.0366913	0.287087	-3.48326	0.110053	0.408409	-2.44853	3.51676	14.7227	3.72128	1
cg11329449	0.55911	1.27108	1.27108	0.00219317	5.71985	5.71985	0.532247	1.29288	1.29288	0.612208	0.812558	-1.23068	3.48306	9.09485	2.32104	1
cg15926342	?	4.75218	4.75218	?	1.28443	1.28443	?	?	?	?	?	?	?	4.17649	0	1
cg19687711	0.000183873	0.502237	-1.99109	0.0342172	1.30891	1.30891	0.000679665	1.76078	1.76078	0.0190417	1.3624	1.3624	16.9832	3.19289	0.167113	1
cg05907036	0.623227	1.08226	1.08226	0.000220328	0.374263	-2.67192	0.479593	1.12158	1.12158	0.000112145	0.338282	-2.95611	16.3334	6.59365	0.358837	1
cg01642901	0.0240393	0.328702	-3.04227	0.000445143	0.101172	-9.88414	0.0113142	0.269506	-3.7105	0.303095	0.64342	-1.5542	7.36973	19.9456	2.40571	1
cg22823122	0.516169	0.864497	-1.15674	0.0312369	0.571751	-1.74901	0.129969	0.696435	-1.43588	0.113579	0.683307	-1.46347	6.94993	5.3848	0.68871	1
cg13251507	0.613988	0.879559	-1.13693	0.00393149	0.375658	-2.662	0.0620993	0.588607	-1.69893	0.348223	0.783729	-1.27595	4.79736	4.83757	0.89634	1
cg13383775	0.860697	1.04503	1.04503	0.116875	1.5329	1.5329	0.33911	1.28027	1.28027	0.299899	1.30916	1.30916	4.73062	4.71092	0.885187	1
cg00749498	0.00321846	0.596233	-1.6772	0.328327	1.13858	1.13858	0.299507	1.14833	1.14833	0.444328	1.10551	1.10551	4.3666	1.14425	0.23293	1
cg11552640	0.281331	0.560722	-1.78342	0.237606	0.527699	-1.89502	0.0414594	0.296732	-3.37004	0.349798	0.608184	-1.64424	4.27552	18.0774	3.75833	1
cg09178384	0.277888	1.79363	1.79363	0.529528	1.39067	1.39067	0.040927	3.39272	3.39272	0.722454	1.2028	1.2028	3.61696	15.3572	3.77411	1
cg17218827	0.0508039	0.453358	-2.20576	0.387749	0.729991	-1.36988	0.535807	0.800188	-1.24971	0.033776	0.414258	-2.41396	3.41952	6.84492	1.77931	1
cg20727043	0.00804803	0.537102	-1.86184	1.28E-05	0.18659	-5.35935	0.256074	0.804883	-1.24242	0.0391981	0.646039	-1.54789	17.0672	9.06118	0.471921	1
cg14624314	0.622532	1.13493	1.13493	0.000988474	0.286863	-3.48598	0.0127465	2.20218	2.20218	0.183002	0.697371	-1.43396	16.9344	17.4527	0.916094	1
cg26351416	0.00173516	0.198777	-5.03077	0.000533966	0.142365	-7.02418	0.00157536	0.193668	-5.16349	0.0234972	0.375845	-2.66067	10.9382	22.6589	1.84137	1
cg17823376	0.00724576	0.502806	-1.98884	0.0267232	0.593951	-1.68364	0.00663893	0.497013	-2.01202	0.590532	0.89781	-1.11382	7.98193	4.97868	0.554439	1
cg11339912	0.58882	1.08294	1.08294	0.00192726	1.89812	1.89812	0.996446	0.99935	-1.00065	0.709833	0.946895	-1.05608	4.79672	1.61933	0.300081	1
cg04655243	0.128876	0.620998	-1.61031	0.585019	0.852071	-1.17361	0.127929	0.620147	-1.61252	0.830743	0.939749	-1.06411	3.75459	5.01169	1.1865	1
cg08017606	0.960224	0.992117	-1.00795	0.258351	0.829322	-1.2058	0.100537	1.33038	1.33038	0.265337	1.20225	1.20225	3.50342	1.39715	0.354486	1
cg20706049	0.0036144	2.49526	2.49526	0.000191432	4.3009	4.3009	0.000210701	4.21431	4.21431	0.0100808	2.12501	2.12501	13.6113	11.6182	0.758726	1
cg17297613	0.0613865	1.25123	1.25123	0.117622	0.834668	-1.19808	0.188455	0.862272	-1.15973	0.00475159	0.671178	-1.48992	12.7314	2.28018	0.159199	1
cg25707877	0.0165818	1.68199	1.68199	0.167034	1.29922	1.29922	0.271192	1.22575	1.22575	0.524844	0.891807	-1.12132	11.9241	5.96302	0.444516	1
cg16782339	0.000386478	0.335848	-2.97753	0.683925	1.08207	1.08207	0.823442	1.04401	1.04401	0.183005	0.761632	-1.31297	9.87087	5.80582	0.522824	1
cg11941230	0.97961	0.997587	-1.00242	0.0290149	1.27539	1.27539	0.343617	1.0966	1.0966	0.0919874	1.19163	1.19163	9.50797	1.34525	0.125766	1
cg11380807	0.758591	1.04451	1.04451	0.0114136	1.5641	1.5641	0.0316615	0.70054	-1.42747	0.749941	0.95583	-1.04621	7.88956	2.49403	0.280994	1
cg03063658	0.367259	0.61376	-1.6293	0.00282828	0.114501	-8.73351	0.269209	1.83392	1.83392	0.0577597	0.322786	-3.09803	5.69875	25.0714	3.91063	1
cg14795555	0.0242736	1.9541	1.9541	0.0352874	1.84339	1.84339	0.328296	1.28624	1.28624	0.300214	1.30711	1.30711	5.65705	5.57605	0.876162	1
cg27294813	0.167398	0.413114	-2.42064	0.0274865	0.208815	-4.78892	0.00353493	0.0929813	-10.7548	0.140874	0.386193	-2.58938	5.34597	30.5514	5.07987	1
cg11940804	0.0452411	1.30147	1.30147	0.00180773	1.66347	1.66347	0.541544	0.931569	-1.07346	0.722871	0.959981	-1.04169	4.92735	1.02673	0.18522	1
cg25164996	0.154831	1.57543	1.57543	0.0501331	0.513399	-1.9478	0.743948	0.906795	-1.10278	0.203308	0.669745	-1.49311	4.92461	6.95009	1.25449	1
cg10941445	0.503818	1.23995	1.23995	0.00631874	0.323876	-3.0876	0.00446216	0.30048	-3.32801	0.536525	0.820024	-1.21948	4.8653	7.74469	1.41495	1
cg23733568	0.0106591	1.71582	1.71582	0.00288205	1.99212	1.99212	0.356212	0.852503	-1.17302	0.922877	0.983848	-1.01642	4.4788	2.00587	0.398097	1
cg06553052	0.159803	1.35876	1.35876	0.00915593	1.96513	1.96513	0.0162741	1.82155	1.82155	0.0517348	1.57123	1.57123	4.41396	2.91218	0.58646	1
cg20592766	0.130338	1.98703	1.98703	0.0216503	0.313868	-3.18605	0.00593552	0.220429	-4.53662	0.323513	0.651466	-1.535	4.35036	12.1688	2.4864	1
cg22411472	0.66871	0.944613	-1.05863	0.499832	1.0949	1.0949	0.448557	1.10763	1.10763	0.676231	1.05717	1.05717	4.26357	1.18309	0.246655	1
cg06129617	0.85	0.94413	-1.05918	0.321232	1.36506	1.36506	0.389511	0.765081	-1.30705	0.454622	0.793519	-1.26021	4.18216	6.10756	1.29812	1
cg23986590	0.1663	2.12859	2.12859	0.0253816	0.256627	-3.89671	0.0123154	0.202838	-4.93005	0.546694	0.731841	-1.36642	4.09164	16.9765	3.68806	1
cg23338388	0.592825	1.08101	1.08101	0.00524075	1.70134	1.70134	0.984188	0.997144	-1.00286	0.253979	1.18756	1.18756	3.94203	1.30011	0.293162	1
cg01592658	0.66767	1.06264	1.06264	0.000999032	1.98849	1.98849	0.676691	0.942723	-1.06076	0.561516	0.920747	-1.08607	3.8868	1.21784	0.278514	1
cg17032565	0.0783059	0.15365	-6.5083	0.0251772	0.0781026	-12.8037	0.936353	0.926368	-1.07948	0.0685633	0.141922	-7.04611	3.7317	54.2034	12.9112	1
cg18652923	0.686918	0.963895	-1.03746	0.0133566	0.750032	-1.33328	0.337992	1.09416	1.09416	0.432338	1.07562	1.07562	5.07512	0.647097	0.0991696	1
cg16268848	0.530312	1.07859	1.07859	0.00936615	0.675605	-1.48015	0.641422	1.05741	1.05741	0.877995	0.981884	-1.01845	4.34871	0.975525	0.1994	1
cg04493432	0.00283453	0.204445	-4.89129	0.0310252	2.65866	2.65866	0.0270346	0.363836	-2.74849	0.487215	0.761385	-1.3134	10.7571	25.4124	2.09989	1
cg02933639	0.0944779	0.739593	-1.35209	0.00256693	0.503497	-1.98611	0.253805	0.822367	-1.216	0.0421456	0.68099	-1.46845	10.5304	4.4916	0.379143	1
cg26405979	0.18273	1.19673	1.19673	0.0316823	0.726206	-1.37702	0.913309	0.986263	-1.01393	0.290562	0.869954	-1.14949	7.81231	1.99614	0.227122	1
cg23651808	0.308048	0.714811	-1.39897	0.000266136	0.148824	-6.71937	0.0144192	0.383061	-2.61055	0.124947	0.589478	-1.69642	6.18169	9.91354	1.42551	1
cg07248017	0.516272	1.08755	1.08755	0.000430856	2.03449	2.03449	0.533114	0.922654	-1.08383	0.32081	1.13975	1.13975	5.81475	1.49767	0.228946	1
cg04370174	0.146087	0.622899	-1.6054	0.054	0.515017	-1.94168	0.159879	0.634078	-1.57709	0.0949542	0.573109	-1.74487	4.74879	6.92189	1.29565	1
cg27142825	0.669501	0.930286	-1.07494	0.106843	1.34486	1.34486	0.820879	1.03891	1.03891	0.04164	0.673489	-1.48481	4.62978	2.07695	0.398761	1
cg04605681	0.881193	1.04519	1.04519	0.578483	0.847153	-1.18042	0.30109	1.37254	1.37254	0.186095	0.660795	-1.51333	4.61658	6.3865	1.22967	1
cg05995991	0.960015	0.978772	-1.02169	0.0148848	0.277514	-3.60342	0.0623864	0.407495	-2.45402	0.251421	0.598798	-1.67001	4.17602	12.1148	2.5787	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02971546	SH3TC1	0.0423571	0.357312	0.700189	-1.42819	0.0129269	0.312955	-3.19534	0.00935793	0.289176	-3.4581	0.0109655	0.300661	-3.326	0.324061	0.681521	-1.46731	0.651901	0.842848	-1.18645	0.0251338	0.366864	-2.72581	0.131015	0.541256	-1.84755	0.110335	0.519381	-1.92537	3.60598	8.09468	1.99537	1
cg07816074	SH3TC1	0.0460634	0.902805	0.968493	-1.03253	0.296401	0.752984	-1.32805	0.0794708	0.600427	-1.66548	0.0286882	0.50851	-1.96653	0.835553	1.05598	1.05598	0.0469532	1.8147	1.8147	0.022137	2.05213	2.05213	0.447835	1.22472	1.22472	0.218409	0.712312	-1.40388	3.49478	3.80077	0.966718	1
cg17352995	SH3TC1;SH3TC1	2.16E-05	0.000297296	0.468327	-2.13526	0.0629859	1.30922	1.30922	0.00768722	0.643246	-1.55462	2.16E-05	0.332681	-3.00588	0.00024193	0.457435	-2.18611	0.000532161	0.499231	-2.00308	1.26E-05	0.306226	-3.26556	2.86E-05	0.346857	-2.88303	3.24E-05	0.353159	-2.83158	33.1942	8.72362	0.233605	1
cg12422844	SH3TC1;SH3TC1	0.000119703	0.000176504	0.411084	-2.43259	0.184982	1.21718	1.21718	0.0345865	0.708588	-1.41126	4.39E-05	0.338467	-2.9545	0.00320957	0.569894	-1.75471	0.00914938	0.629525	-1.5885	0.0012059	0.515373	-1.94034	3.36E-05	0.324902	-3.07785	0.000478518	0.464739	-2.15175	21.0991	6.53091	0.275142	1
cg10586087	SH3TC2	1.23E-05	0.105441	0.817221	-1.22366	0.304485	0.885725	-1.12902	8.19E-06	0.329153	-3.0381	0.024634	0.736847	-1.35713	0.181198	1.17584	1.17584	0.181217	0.850463	-1.17583	1.06E-06	0.233432	-4.2839	5.56E-06	0.310324	-3.22244	0.0174479	0.718766	-1.39127	38.4156	7.92234	0.183313	1
cg11935896	SH3TC2	0.000128463	0.00985854	0.621302	-1.60952	0.287078	1.17505	1.17505	9.65E-06	0.249022	-4.01572	0.382336	0.877447	-1.13967	0.0154691	0.648248	-1.54262	0.889557	0.979929	-1.02048	6.23E-05	0.340731	-2.93486	0.000152748	0.387671	-2.5795	0.166183	0.806175	-1.24043	20.7027	6.98222	0.299788	1
cg01604946	SH3TC2	0.00494463	0.00559281	0.179599	-5.56795	0.0102698	0.217285	-4.60225	0.0096763	0.213335	-4.68746	0.0201813	0.266565	-3.75144	0.00564067	0.180089	-5.55281	0.0534298	0.355114	-2.816	0.00044119	0.0728857	-13.7201	0.0253973	0.285398	-3.50388	0.0347386	0.313	-3.19489	7.36358	25.9722	3.13521	1
cg12960696	SH3TC2	0.00788545	0.00485436	0.138303	-7.23048	0.0111276	0.185296	-5.39677	0.0252635	0.244353	-4.09245	0.0476495	0.301275	-3.31923	0.00576461	0.147135	-6.79649	0.355074	1.6552	1.6552	0.00455341	0.135126	-7.40052	0.0213561	0.231055	-4.32798	0.0196294	0.22463	-4.45176	6.37299	28.3195	3.94993	1
cg01831454	SH3TC2	0.0131773	0.878683	1.04592	1.04592	0.00339523	0.310135	-3.2244	0.0634094	0.54138	-1.84713	0.86083	0.949722	-1.05294	0.000720627	0.220333	-4.53858	0.0301783	0.472677	-2.11561	0.764968	0.915636	-1.09214	0.437328	0.792222	-1.26227	0.207075	0.676294	-1.47865	5.40617	7.39902	1.21656	1
cg18863077	SH3YL1;ACP1;ACP1;ACP1;ACP1;SH3YL1	0.00156382	0.000203722	0.299851	-3.33499	0.515114	0.880147	-1.13617	0.159559	1.3374	1.3374	0.000182083	0.293935	-3.40211	0.795726	0.951057	-1.05146	0.349235	0.829948	-1.20489	0.0618299	0.665776	-1.50201	0.180256	1.31685	1.31685	0.944826	1.01348	1.01348	10.3545	6.13564	0.526716	1
cg21586243	SH3YL1;ACP1;ACP1;ACP1;ACP1;SH3YL1	0.00459219	0.0521281	0.528211	-1.89318	7.11E-05	0.123402	-8.10359	0.697702	0.893355	-1.11938	0.062349	0.545465	-1.8333	0.852709	0.947719	-1.05517	0.374536	0.768485	-1.30126	0.162405	1.53866	1.53866	0.355796	0.760013	-1.31577	0.149813	0.640124	-1.5622	7.53121	9.95612	1.17509	1
cg22248683	SH3YL1;ACP1;ACP1;ACP1;ACP1;SH3YL1	0.025861	0.58108	0.844788	-1.18373	0.498746	1.231	1.231	0.306226	1.37794	1.37794	0.973107	0.98985	-1.01025	0.0440376	0.496453	-2.01429	0.00719135	0.349934	-2.85769	0.00281816	0.287893	-3.47351	0.834982	1.06516	1.06516	0.685252	1.13124	1.13124	4.30613	6.24618	1.28936	1
cg03299269	SH3YL1;SH3YL1	0.00387349	0.192328	0.767253	-1.30335	0.103449	0.710405	-1.40765	0.00127847	0.40586	-2.4639	0.0210855	0.58709	-1.70332	0.000689132	0.369795	-2.7042	0.0341114	0.62205	-1.60759	0.599647	0.90331	-1.10704	0.692023	1.07943	1.07943	0.00134938	0.409072	-2.44456	7.92886	4.62873	0.518917	1
cg23374892	SHANK1	3.07E-06	0.818516	1.04001	1.04001	2.36E-05	4.22257	4.22257	0.0336359	1.52735	1.52735	0.122217	1.33095	1.33095	0.00909513	0.567974	-1.76064	0.557224	0.903642	-1.10663	8.22E-08	0.0485473	-20.5984	0.00821042	1.78101	1.78101	0.0578709	0.693515	-1.44193	55.0097	25.3804	0.410115	1
cg03357547	SHANK1	7.46E-05	0.181653	0.742989	-1.34592	0.26456	1.27589	1.27589	0.0477504	0.622329	-1.60687	0.47235	0.857994	-1.16551	0.744442	0.933762	-1.07094	0.0302632	1.70527	1.70527	9.33E-07	0.0660909	-15.1307	0.0339967	1.67956	1.67956	0.331884	0.810788	-1.23337	23.9385	16.6439	0.618025	1
cg22626858	SHANK1	0.000105226	0.325892	1.12994	1.12994	0.225671	0.857922	-1.16561	1.64E-05	0.343744	-2.90914	0.139169	0.825553	-1.21131	4.06E-05	0.389329	-2.56852	8.15E-05	0.425038	-2.35273	0.00333316	0.61803	-1.61805	0.00604631	0.649299	-1.54012	0.481856	1.08991	1.08991	21.8408	5.0175	0.204205	1
cg00380835	SHANK1	0.000166026	0.0249364	0.41976	-2.38231	0.248834	1.48012	1.48012	0.1732	0.624088	-1.60234	0.796811	1.08756	1.08756	0.000990312	0.203521	-4.91351	0.241543	0.671133	-1.49002	2.29E-06	0.0234782	-42.5926	0.59667	1.18974	1.18974	0.0839456	0.536814	-1.86284	19.3205	32.3815	1.4898	1
cg11573093	SHANK1	0.000322279	0.313733	1.27888	1.27888	0.012122	2.09235	2.09235	0.382143	1.23566	1.23566	0.367024	1.24455	1.24455	0.808026	1.05915	1.05915	0.0245233	1.88226	1.88226	6.66E-06	0.0940666	-10.6308	0.608613	0.885209	-1.12968	0.143592	1.44921	1.44921	16.1305	14.2394	0.784682	1
cg07526227	SHANK1	0.00102068	0.296481	0.785855	-1.2725	0.055089	0.616207	-1.62283	0.134694	0.698352	-1.43194	0.923425	1.02163	1.02163	0.180522	0.728648	-1.3724	0.316666	0.794172	-1.25917	8.15E-06	0.114217	-8.75525	0.40294	0.826506	-1.20991	0.69288	0.915422	-1.09239	11.6984	9.18232	0.697707	1
cg23323297	SHANK1	0.00192089	0.172822	0.542268	-1.84411	0.457075	1.37642	1.37642	0.288839	1.59119	1.59119	0.797569	1.11453	1.11453	0.0271282	0.33173	-3.0145	0.279494	0.622323	-1.60688	2.64E-05	0.0299852	-33.3498	0.696712	1.17967	1.17967	0.618065	0.808925	-1.23621	9.75584	27.4967	2.50532	1
cg11435239	SHANK1	0.0036332	0.464662	1.17865	1.17865	0.506975	1.16032	1.16032	0.0234813	0.550066	-1.81797	0.620927	0.895742	-1.11639	0.0331776	0.576973	-1.73318	0.00662284	2.17813	2.17813	0.000446946	0.294263	-3.39832	0.909995	1.02529	1.02529	0.0594512	1.59983	1.59983	8.08286	6.24486	0.68676	1
cg02631082	SHANK1	0.0036958	0.391257	0.608883	-1.64235	0.153781	0.422111	-2.36904	0.00364373	0.108455	-9.22045	0.947802	1.03767	1.03767	0.00512966	0.123916	-8.06996	0.0192711	0.202129	-4.94735	0.000189164	0.0285718	-34.9996	0.433592	1.57036	1.57036	0.11877	0.384289	-2.60221	8.04154	40.6275	4.49085	1
cg18589960	SHANK1	0.00403081	0.392992	1.46627	1.46627	0.00590402	4.83235	4.83235	0.223476	1.74963	1.74963	0.898066	0.945487	-1.05766	0.0292988	0.32531	-3.07399	0.710149	1.17737	1.17737	0.000278008	0.0741648	-13.4835	0.413662	1.44125	1.44125	0.252689	1.68633	1.68633	7.83435	23.7354	2.69303	1
cg13740815	SHANK1	0.00478017	0.0219952	5.51792	5.51792	0.00260622	13.3651	13.3651	0.1171	2.88146	2.88146	0.0482665	4.06792	4.06792	0.00765344	8.42546	8.42546	0.0172824	6.06685	6.06685	0.000782431	23.5229	23.5229	0.00247581	13.6753	13.6753	0.0225725	5.46226	5.46226	7.43988	45.5413	5.44109	1
cg27351813	SHANK1	0.00619935	0.0241989	0.624889	-1.60028	0.000514472	2.58171	2.58171	0.690832	0.932445	-1.07245	0.932133	1.01501	1.01501	0.0413846	1.50923	1.50923	0.647031	1.08401	1.08401	0.0603107	0.690268	-1.44871	0.272477	0.81886	-1.22121	0.0511296	1.47495	1.47495	6.86943	3.33047	0.430955	1
cg05627987	SHANK1	0.00668099	0.000718771	2.40556	2.40556	0.013061	1.69053	1.69053	0.00692269	0.551029	-1.81479	0.586694	0.910645	-1.09812	0.536643	0.898801	-1.11259	0.405898	0.865026	-1.15604	0.275696	1.21332	1.21332	0.506737	0.891485	-1.12172	0.697818	0.935633	-1.0688	6.71188	3.09098	0.409354	1
cg24824840	SHANK1	0.00709721	0.154957	0.621211	-1.60976	0.00141754	0.23585	-4.23999	0.00039848	0.171576	-5.82834	0.736263	1.11152	1.11152	0.186484	0.645302	-1.54966	0.669013	1.14398	1.14398	0.173498	0.635748	-1.57295	0.977204	0.991103	-1.00898	0.604337	1.17763	1.17763	6.58672	10.2055	1.37725	1
cg14560133	SHANK1	0.00944672	0.00457717	0.422076	-2.36924	0.0556272	1.6414	1.6414	0.646865	1.11115	1.11115	0.899108	1.02941	1.02941	0.122693	0.682389	-1.46544	0.581195	1.13576	1.13576	0.000977642	0.326126	-3.0663	0.0821869	0.644049	-1.55268	0.854145	1.04294	1.04294	6.01897	4.97669	0.734964	1
cg26539524	SHANK1	0.0156501	0.75049	1.16792	1.16792	0.590809	1.30257	1.30257	?	?	?	0.2589	0.561818	-1.77994	0.00416198	0.140954	-7.0945	0.176536	2.02452	2.02452	0.0142068	4.57931	4.57931	0.0422676	3.20068	3.20068	0.0679687	2.75093	2.75093	5.82941	19.0004	2.85198	1
cg03654598	SHANK1	0.0172687	0.00598697	0.11164	-8.95733	0.974665	1.01957	1.01957	0.0889267	0.318204	-3.14264	0.193279	0.431628	-2.31681	0.00248338	0.0768145	-13.0184	0.424811	0.60809	-1.64449	0.00317264	0.0854553	-11.702	0.566401	0.702074	-1.42435	0.158995	0.399027	-2.5061	4.94347	29.1623	5.2437	1
cg12216470	SHANK1	0.0185332	0.402247	1.49544	1.49544	0.00152999	0.11753	-8.5085	0.889715	1.0673	1.0673	0.07756	2.51168	2.51168	0.0597927	0.368968	-2.71026	0.481212	1.39946	1.39946	0.0510063	2.83883	2.83883	0.66431	1.22749	1.22749	0.290467	1.67363	1.67363	4.82743	16.848	3.10226	1
cg24039816	SHANK1	0.021732	0.319886	0.669342	-1.494	0.582971	0.805274	-1.24181	0.00666009	0.252801	-3.95568	0.31941	0.66906	-1.49463	0.00193277	0.180211	-5.54906	0.0504333	0.418587	-2.38899	0.00708062	0.256872	-3.89298	0.431312	0.730734	-1.36849	0.470755	0.750834	-1.33185	4.57312	11.0489	2.1476	1
cg01427575	SHANK1	0.0307177	0.0450767	11.0529	11.0529	0.217421	3.88034	3.88034	0.359903	2.67401	2.67401	0.139625	5.26452	5.26452	0.0420592	11.5613	11.5613	0.0557117	9.63359	9.63359	0.00179231	103.819	103.819	0.0149929	22.7559	22.7559	0.0753605	7.91494	7.91494	4.05262	70.0792	15.371	1
cg10286380	SHANK1	0.0331163	0.0638274	4.11873	4.11873	0.0460452	4.72746	4.72746	0.191367	2.55969	2.55969	0.208416	2.46227	2.46227	0.0438647	4.82522	4.82522	0.0414394	4.94245	4.94245	0.00213239	18.7682	18.7682	0.0299015	5.67405	5.67405	0.0541867	4.41363	4.41363	3.94506	28.845	6.49925	1
cg08586541	SHANK1	0.0334101	0.0421993	1.96821	1.96821	0.646842	0.875059	-1.14278	0.126223	0.619616	-1.6139	0.399022	1.28378	1.28378	0.0507963	1.90373	1.90373	0.0854736	1.73328	1.73328	0.00706551	0.36523	-2.738	0.688672	1.12359	1.12359	0.764216	0.916647	-1.09093	3.93255	5.2135	1.17843	1
cg22291265	SHANK1	0.0363247	0.0761197	0.375903	-2.66026	0.0429642	0.315138	-3.17322	0.0116729	0.209625	-4.77043	0.477614	0.699103	-1.4304	0.0167108	0.234976	-4.25576	0.248956	0.550229	-1.81743	0.00684768	0.176173	-5.67622	0.0434464	0.316222	-3.16233	0.0657064	0.359193	-2.78402	3.81536	14.8517	3.4601	1
cg16658931	SHANK1	0.0372872	0.0174079	28.9188	28.9188	0.046796	14.0839	14.0839	0.185666	5.10796	5.10796	0.0925013	8.59748	8.59748	0.018305	27.8666	27.8666	0.0245476	22.4739	22.4739	0.66892	1.64855	1.64855	0.00835709	50.2032	50.2032	0.0461099	14.2348	14.2348	3.77919	80.8241	19.0103	1
cg04005969	SHANK1	0.0381961	0.0577126	5.44408	5.44408	0.181865	3.06173	3.06173	0.348607	2.14248	2.14248	0.182222	3.05859	3.05859	0.0240889	8.36668	8.36668	0.0399819	6.51778	6.51778	0.00598372	17.0642	17.0642	0.0114865	12.144	12.144	0.0382821	6.65826	6.65826	3.74608	36.9932	8.77796	1
cg17826344	SHANK1	0.0440583	0.577738	1.23022	1.23022	0.560035	0.804836	-1.24249	0.163061	0.577798	-1.73071	0.25089	1.55581	1.55581	0.253677	0.644564	-1.55144	0.12574	1.84122	1.84122	0.0312952	0.394243	-2.5365	0.00851852	3.44501	3.44501	0.304401	1.47974	1.47974	3.55351	7.63913	1.91088	1
cg24220046	SHANK1	0.0473654	0.0288462	6.36833	6.36833	0.0224099	7.13533	7.13533	0.183585	2.75511	2.75511	0.138696	3.14226	3.14226	0.0233435	7.00495	7.00495	0.0658289	4.40493	4.40493	0.0506569	4.95148	4.95148	0.0105022	10.1064	10.1064	0.0632326	4.48489	4.48489	3.4583	28.262	7.26418	1
cg13365901	SHANK1	0.0492908	0.148922	1.48147	1.48147	0.972449	0.991269	-1.00881	0.0624537	0.587182	-1.70305	0.93739	0.98025	-1.02015	0.0377211	0.542291	-1.84403	0.0752018	0.604693	-1.65373	0.00544496	0.395167	-2.53057	0.253163	0.738576	-1.35396	0.970948	1.00929	1.00929	3.40657	3.47833	0.907614	1
cg12298955	SHANK1;SHANK1	0.00310874	0.950479	0.971844	-1.02897	0.189329	1.89526	1.89526	0.120319	0.460784	-2.17021	0.769028	1.145	1.145	0.859794	0.921916	-1.0847	0.844305	0.913553	-1.09463	3.96E-05	0.0269487	-37.1075	0.374631	1.52049	1.52049	0.932836	0.961982	-1.03952	8.46807	28.3582	2.97674	1
cg12201698	SHANK2	7.76E-06	0.743482	1.06016	1.06016	0.685123	0.930046	-1.07522	0.815584	0.95929	-1.04244	0.119415	1.35069	1.35069	6.64E-07	0.0897506	-11.142	0.735669	1.06213	1.06213	2.22E-06	0.127553	-7.83985	0.0240567	1.61402	1.61402	0.000145044	0.31227	-3.20236	43.3248	21.7159	0.445541	1
cg13460414	SHANK2	8.11E-06	0.975617	0.995868	-1.00415	0.853613	0.975287	-1.02534	0.0449598	0.732166	-1.36581	0.832974	1.02902	1.02902	0.081952	0.770182	-1.29839	0.562785	1.0825	1.0825	7.46E-08	0.0879243	-11.3734	0.262975	0.853755	-1.1713	0.00018208	0.424179	-2.3575	42.828	12.4503	0.258405	1
cg12109482	SHANK2	0.000112563	0.397053	1.15957	1.15957	0.166787	1.28616	1.28616	0.198775	0.793076	-1.26091	0.406518	1.156	1.156	0.130882	0.75693	-1.32113	0.960602	0.991602	-1.00847	1.31E-06	0.120199	-8.31951	0.872593	0.972972	-1.02778	0.00329631	0.504856	-1.98076	21.45	9.90182	0.410332	1
cg14829063	SHANK2	0.000119994	0.569083	1.07327	1.07327	0.852205	0.977346	-1.02318	4.55E-06	0.274177	-3.64727	0.380876	0.895446	-1.11676	0.373249	0.893771	-1.11886	0.0057027	1.56114	1.56114	0.000210815	0.467081	-2.14096	0.134757	1.2191	1.2191	0.0278295	0.726574	-1.37632	21.0854	5.0412	0.21252	1
cg03592166	SHANK2	0.00019543	0.662988	1.1068	1.1068	0.331818	0.793184	-1.26074	0.0306561	0.555641	-1.79972	0.988672	0.99672	-1.00329	0.247199	0.755783	-1.32313	0.175643	0.716586	-1.39551	1.71E-06	0.0624836	-16.0042	0.96316	1.01075	1.01075	0.0110419	0.478228	-2.09105	18.4867	15.6798	0.753928	1
cg11793581	SHANK2	0.000313899	0.369236	0.87317	-1.14525	0.278824	0.847382	-1.18011	3.82E-05	0.312898	-3.19593	0.254995	0.839634	-1.191	2.58E-05	0.293442	-3.40783	0.0593858	0.731251	-1.36752	0.00250276	0.539227	-1.85451	0.0208141	0.664197	-1.50558	0.00226022	0.533416	-1.87471	16.2474	5.56589	0.304508	1
cg14850945	SHANK2	0.000352205	0.000165076	0.304894	-3.27983	0.123174	1.36198	1.36198	0.569728	1.11213	1.11213	0.0271377	1.62227	1.62227	0.000230714	0.322693	-3.09892	0.0631432	0.679341	-1.47202	0.000158448	0.302742	-3.30315	0.399489	0.852523	-1.17299	0.0459317	0.654945	-1.52685	15.7421	8.5317	0.48175	1
cg23913904	SHANK2	0.000412441	0.138848	1.32923	1.32923	0.00141188	2.28315	2.28315	0.0195957	0.604233	-1.65499	0.0234349	1.62198	1.62198	4.14E-05	0.247787	-4.03572	0.972787	1.00611	1.00611	0.888429	1.02539	1.02539	0.2719	1.22667	1.22667	0.00468064	0.510878	-1.95741	15.0723	7.61731	0.44923	1
cg26632831	SHANK2	0.000414177	0.854891	0.946207	-1.05685	0.258372	1.4279	1.4279	0.0163826	0.412233	-2.42581	0.103657	1.71177	1.71177	0.0945638	0.57406	-1.74198	0.235736	1.45544	1.45544	9.58E-06	0.0561166	-17.82	0.017188	2.40354	2.40354	0.343598	0.744769	-1.3427	15.0549	21.7521	1.28432	1
cg05780228	SHANK2	0.000475719	0.857704	1.03403	1.03403	0.287738	0.814006	-1.22849	9.97E-05	0.276045	-3.6226	0.00237026	0.453724	-2.20398	4.08E-05	0.232438	-4.30222	0.0542013	0.665399	-1.50286	0.0470463	0.654583	-1.52769	0.136093	1.34911	1.34911	0.267982	0.806439	-1.24002	14.4891	7.97665	0.489358	1
cg23832825	SHANK2	0.000569863	0.136186	0.702813	-1.42285	0.0441564	1.66172	1.66172	0.08664	1.5154	1.5154	0.349252	0.809255	-1.23571	1.57E-05	0.140845	-7.1	0.154234	0.71535	-1.39792	0.00983452	2.04765	2.04765	0.985619	1.00397	1.00397	0.341607	1.24014	1.24014	13.7804	10.5286	0.679136	1
cg05678758	SHANK2	0.000592541	0.481261	0.772036	-1.29528	0.00472383	0.257544	-3.88282	0.00212375	0.20998	-4.76235	0.620415	0.834907	-1.19774	0.0431926	0.431439	-2.31782	0.00472997	0.257627	-3.88158	1.56E-05	0.0396325	-25.2318	0.605166	0.828212	-1.20742	0.00262063	0.221842	-4.50772	13.6313	28.1997	1.83888	1
cg24284859	SHANK2	0.000737351	0.0124303	0.358873	-2.7865	0.00322289	0.266067	-3.75845	0.00140731	0.218014	-4.58687	0.777706	1.09772	1.09772	0.000622107	0.176537	-5.66453	0.0193176	0.39376	-2.53962	6.25E-05	0.0880945	-11.3514	0.24833	0.671974	-1.48815	0.00318311	0.2653	-3.76932	12.8226	22.0371	1.52766	1
cg16086782	SHANK2	0.000820141	0.533712	1.14838	1.14838	0.0841294	1.52116	1.52116	0.788263	0.942625	-1.06087	0.13951	1.41771	1.41771	0.925447	0.979665	-1.02076	0.372085	1.22281	1.22281	2.69E-05	0.162042	-6.17124	0.00530899	0.446459	-2.23985	0.0328475	1.72967	1.72967	12.4447	9.49649	0.678309	1
cg21201396	SHANK2	0.000981596	0.167192	0.645776	-1.54852	0.690072	0.887775	-1.12641	0.416058	0.78125	-1.28	0.113637	0.599761	-1.66733	0.0109521	0.387421	-2.58117	0.822565	1.06898	1.06898	3.36E-05	10.8876	10.8876	0.0147303	0.410044	-2.43876	0.413135	0.779985	-1.28208	11.8287	16.5231	1.24166	1
cg11692123	SHANK2	0.00100627	0.000204741	0.220041	-4.5446	0.00107834	0.30895	-3.23677	0.0237244	0.518477	-1.92873	0.680061	1.10615	1.10615	0.199507	0.71907	-1.39069	0.000327032	0.243523	-4.10639	0.854857	1.04556	1.04556	0.471184	1.19523	1.19523	0.00481454	0.402498	-2.48448	11.7457	11.012	0.833367	1
cg02046017	SHANK2	0.00127593	0.641581	0.870893	-1.14825	0.00598996	2.88413	2.88413	0.00186103	0.271995	-3.67654	0.16224	0.644033	-1.55272	0.00321893	0.305608	-3.27216	0.241041	1.43607	1.43607	0.000374206	0.186806	-5.35314	0.225068	1.45606	1.45606	0.263904	1.40974	1.40974	10.9776	15.1177	1.22412	1
cg04038150	SHANK2	0.00136818	0.650875	1.05236	1.05236	0.0362433	0.761257	-1.31362	0.262113	0.877221	-1.13996	0.185912	0.854602	-1.17014	0.814333	1.0267	1.0267	0.679659	1.04762	1.04762	1.58E-05	0.368304	-2.71515	0.888052	0.984345	-1.0159	0.391631	1.10332	1.10332	10.7603	2.13879	0.176682	1
cg17006443	SHANK2	0.00137522	0.251914	0.877988	-1.13897	0.000670684	0.567957	-1.7607	0.114581	0.829798	-1.20511	0.209721	0.866128	-1.15456	0.214843	1.15252	1.15252	0.0571529	1.2636	1.2636	0.000274646	1.91136	1.91136	0.0923813	0.817608	-1.22308	0.0692659	0.801748	-1.24727	10.7444	2.01128	0.166394	1
cg01602068	SHANK2	0.00138258	0.466144	0.78041	-1.28138	0.632074	0.851058	-1.17501	0.00119839	0.204588	-4.88787	0.486048	1.26698	1.26698	0.394777	0.747227	-1.33828	0.597126	0.836674	-1.19521	3.37E-05	0.0680773	-14.6892	0.0346392	0.438908	-2.27838	0.0167554	0.37679	-2.654	10.728	18.9899	1.57344	1
cg25092764	SHANK2	0.00165102	0.44031	0.743628	-1.34476	0.081275	2.06975	2.06975	0.786636	0.902919	-1.10752	0.00422907	0.236581	-4.22687	0.000344503	0.114374	-8.74323	0.155087	0.563992	-1.77308	0.000313717	0.110928	-9.01486	0.647009	0.840681	-1.18951	0.0106708	0.298741	-3.34738	10.1936	22.8726	1.99451	1
cg06979118	SHANK2	0.00197381	0.0761584	0.819371	-1.22045	0.279109	1.12031	1.12031	0.731521	1.03538	1.03538	0.615382	0.950143	-1.05247	0.616135	0.950248	-1.05236	0.047892	0.795846	-1.25652	3.37E-05	0.444192	-2.25128	0.256677	1.12696	1.12696	0.227395	1.13648	1.13648	9.67899	1.56248	0.143493	1
cg26393354	SHANK2	0.00228276	0.576254	0.89882	-1.11257	0.510594	0.881544	-1.13437	0.00133466	0.414289	-2.41377	0.138471	0.739832	-1.35166	5.11E-05	0.238493	-4.19299	0.347999	0.83314	-1.20028	0.132345	0.735774	-1.35911	0.593051	1.10729	1.10729	0.847943	1.03693	1.03693	9.27643	5.24416	0.502507	1
cg25374028	SHANK2	0.00247389	0.038524	0.681565	-1.46721	0.000727025	2.27462	2.27462	0.00176473	0.490447	-2.03896	0.889918	0.978095	-1.0224	0.00589183	0.561988	-1.7794	0.469116	1.12501	1.12501	0.554105	0.908725	-1.10044	0.0360111	0.677007	-1.47709	0.224586	0.815447	-1.22632	9.05998	3.6703	0.360098	1
cg03482617	SHANK2	0.00260194	0.744264	0.922281	-1.08427	0.774018	0.931319	-1.07375	0.867866	1.04201	1.04201	0.829388	0.94806	-1.05479	0.827897	1.05529	1.05529	0.244792	1.35083	1.35083	6.40E-05	0.162514	-6.15331	0.0250987	1.93198	1.93198	0.0226762	0.50951	-1.96267	8.92632	8.63649	0.860028	1
cg19815589	SHANK2	0.00263731	0.403426	0.853091	-1.17221	9.28E-05	0.273579	-3.65524	0.00114775	0.4114	-2.43072	0.638076	1.09204	1.09204	0.760084	1.05857	1.05857	0.97018	0.993077	-1.00697	0.264842	1.24105	1.24105	0.873399	0.970801	-1.03008	0.163751	0.758685	-1.31807	8.89085	4.86283	0.486176	1
cg13135654	SHANK2	0.00357887	0.280528	0.904675	-1.10537	0.0831844	0.842567	-1.18685	0.843482	0.9825	-1.01781	0.0232126	1.27422	1.27422	0.0710087	1.19738	1.19738	0.610674	1.04692	1.04692	0.000154739	1.784	1.784	0.557853	0.948445	-1.05436	0.013218	1.31561	1.31561	8.11944	1.02569	0.112289	1
cg23055735	SHANK2	0.00362476	0.00530219	4.0546	4.0546	0.00231039	5.06205	5.06205	0.00749981	3.71022	3.71022	0.00635781	3.86949	3.86949	0.30051	1.50486	1.50486	0.00289327	4.76003	4.76003	0.0164773	3.05348	3.05348	0.0030523	4.69165	4.69165	0.00315793	4.64884	4.64884	8.0885	18.5907	2.04303	1
cg03905795	SHANK2	0.00372141	0.0398508	0.668983	-1.49481	0.00803075	0.562914	-1.77647	0.00293746	0.501005	-1.99599	0.328192	0.843027	-1.1862	0.95497	1.0096	1.0096	0.885994	1.02457	1.02457	0.000214734	0.35153	-2.84471	0.00681044	0.552572	-1.80972	0.34303	0.847659	-1.17972	8.02489	3.63828	0.402999	1
cg10283969	SHANK2	0.00374846	0.215394	0.732251	-1.36565	0.286501	1.3028	1.3028	0.192254	0.719031	-1.39076	0.217044	0.733154	-1.36397	0.0411493	0.569463	-1.75604	0.401896	0.814622	-1.22756	4.97E-05	0.162036	-6.17146	0.600046	1.13478	1.13478	0.614857	0.885817	-1.1289	8.00746	7.24324	0.804055	1
cg15219163	SHANK2	0.00388538	0.0735517	0.75278	-1.32841	0.35895	0.874352	-1.1437	0.708142	1.05499	1.05499	0.0177898	1.50708	1.50708	0.0076137	0.613557	-1.62984	0.0119831	1.56237	1.56237	0.0197765	1.49276	1.49276	0.00288599	1.79188	1.79188	0.157532	0.806428	-1.24004	7.92155	2.54214	0.285258	1
cg21157507	SHANK2	0.00438194	0.0033246	0.288024	-3.47193	0.459959	0.791157	-1.26397	0.186974	0.646917	-1.54579	0.52814	0.819535	-1.2202	0.000272825	0.1561	-6.40616	0.025156	0.436398	-2.29148	0.0086734	0.352847	-2.83409	0.00570764	0.323468	-3.09149	0.0254035	0.437234	-2.28711	7.63905	11.7305	1.36498	1
cg10573143	SHANK2	0.00476661	0.0285679	0.503471	-1.98621	0.822286	1.06158	1.06158	0.00921967	0.415606	-2.40613	0.0696558	1.71422	1.71422	0.0302869	0.508376	-1.96705	0.410703	1.2504	1.2504	0.00199574	0.313735	-3.18741	0.0148695	2.2162	2.2162	0.0771406	0.593308	-1.68546	7.44632	8.32164	0.993378	1
cg11833293	SHANK2	0.00615581	0.00991549	5.00016	5.00016	0.0337303	3.4045	3.4045	0.00689165	5.63037	5.63037	0.0214332	3.91725	3.91725	0.444114	1.47027	1.47027	0.00466767	6.41385	6.41385	0.00492022	6.30053	6.30053	0.00264657	7.80616	7.80616	0.00498892	6.27111	6.27111	6.88442	26.6135	3.43623	1
cg10402023	SHANK2	0.00705167	0.205024	0.736479	-1.35781	0.664717	0.905067	-1.10489	0.52724	1.1578	1.1578	0.538537	1.15308	1.15308	0.000230445	0.24689	-4.05039	0.0808965	0.642279	-1.55696	0.462039	0.842601	-1.1868	0.00646124	0.444857	-2.24791	0.0319808	0.562817	-1.77678	6.59996	5.46915	0.73659	1
cg14851284	SHANK2	0.010352	0.0366562	0.452994	-2.20754	0.00627919	0.313105	-3.19382	0.0038614	0.280941	-3.55947	0.0774635	0.527227	-1.89671	0.00119119	0.212347	-4.70926	0.126629	0.583376	-1.71416	0.0151168	0.377701	-2.6476	0.0694914	0.515702	-1.9391	0.0706959	0.517507	-1.93234	5.84549	9.84828	1.49757	1
cg00646241	SHANK2	0.0105773	0.170716	0.521594	-1.9172	0.000981709	0.112309	-8.90399	0.00748305	0.215195	-4.64696	0.348383	1.5384	1.5384	0.202687	0.548782	-1.82222	0.48802	1.36935	1.36935	0.265507	0.595885	-1.67818	0.0144115	0.260392	-3.84037	0.284677	1.64188	1.64188	5.80523	18.3025	2.80245	1
cg12771777	SHANK2	0.0106472	0.00615333	0.245199	-4.07832	0.148335	0.543445	-1.84011	0.0549577	0.424862	-2.35371	0.0132512	0.298983	-3.34467	0.00568145	0.240061	-4.1656	0.282453	0.644496	-1.5516	0.00103161	0.147741	-6.76859	0.0696741	0.450253	-2.22097	0.041082	0.395713	-2.52708	5.79297	14.193	2.17782	1
cg10271186	SHANK2	0.0115996	0.43289	0.881224	-1.13479	0.000921636	2.18597	2.18597	0.0176914	0.633936	-1.57745	0.886779	0.977744	-1.02276	0.0258924	0.658452	-1.51871	0.90028	1.02	1.02	0.159014	0.788346	-1.26848	0.683491	1.0669	1.0669	0.670277	1.07001	1.07001	5.63511	2.22768	0.351396	1
cg06223539	SHANK2	0.013239	0.506584	1.48438	1.48438	0.00337545	10.3489	10.3489	0.848249	1.11884	1.11884	0.498543	1.4959	1.4959	0.00763559	0.133936	-7.46624	0.0917547	2.96905	2.96905	0.701484	1.25328	1.25328	0.00758315	7.48629	7.48629	0.224787	2.11148	2.11148	5.39791	29.3739	4.83708	1
cg18225409	SHANK2	0.0136851	0.120823	0.817474	-1.22328	0.00894967	1.48929	1.48929	0.319919	0.884154	-1.13102	0.325814	0.885559	-1.12923	0.51417	1.08247	1.08247	0.855229	0.978359	-1.02212	0.000963671	1.80183	1.80183	0.441025	0.910172	-1.09869	0.657069	0.94788	-1.05499	5.33963	1.21361	0.20203	1
cg15706539	SHANK2	0.0145841	0.0062103	0.566274	-1.76593	0.0221777	1.54819	1.54819	0.422867	0.87767	-1.13938	0.297239	0.841768	-1.18798	0.00994861	0.595168	-1.6802	0.0582971	1.40643	1.40643	0.112118	0.759008	-1.31751	0.524535	1.10826	1.10826	0.640867	1.07776	1.07776	5.22903	2.10407	0.357673	1
cg01716959	SHANK2	0.014747	0.027923	0.461521	-2.16675	0.00597282	2.91485	2.91485	0.26402	0.707114	-1.4142	0.0128194	0.398476	-2.50956	0.74698	1.10115	1.10115	0.0710884	1.82243	1.82243	0.391868	1.29839	1.29839	0.298384	1.37831	1.37831	0.112037	0.597451	-1.67378	5.2099	7.31114	1.24739	1
cg26429499	SHANK2	0.0154113	0.537702	0.70548	-1.41747	0.0010536	0.0665987	-15.0153	0.0213529	0.213007	-4.69467	0.0411635	3.73254	3.73254	0.472624	0.664703	-1.50443	0.723023	1.22013	1.22013	0.228868	0.493616	-2.02587	0.274479	0.529562	-1.88835	0.239971	1.98948	1.98948	5.1345	25.4176	4.40032	1
cg02118458	SHANK2	0.0161823	0.324586	0.609437	-1.64086	0.52472	0.730669	-1.36861	0.952422	0.971371	-1.02947	0.774249	1.15027	1.15027	0.00964265	0.202958	-4.92714	0.0354388	0.303564	-3.2942	0.000910166	0.0894098	-11.1845	0.476133	0.702778	-1.42292	0.0147994	0.232271	-4.30532	5.05191	18.9611	3.33623	1
cg15418783	SHANK2	0.0170277	0.987876	1.00418	1.00418	0.660522	0.88563	-1.12914	0.183572	1.47363	1.47363	0.0226024	2.11762	2.11762	0.0128083	0.427581	-2.33874	0.0704046	1.74324	1.74324	0.0054491	2.73118	2.73118	0.786292	1.07754	1.07754	0.0421772	1.90267	1.90267	4.96678	5.94071	1.06319	1
cg12887832	SHANK2	0.0194832	0.0299823	0.683421	-1.46323	0.0246192	1.49038	1.49038	0.0178912	1.53582	1.53582	0.546102	0.912951	-1.09535	0.0211713	0.66154	-1.51162	0.390055	0.876946	-1.14032	0.0587011	1.37488	1.37488	0.481549	0.898836	-1.11255	0.614098	0.927	-1.07875	4.74654	1.67091	0.312913	1
cg16456980	SHANK2	0.0198098	0.979968	0.991944	-1.00812	0.209807	0.653258	-1.53079	0.00297063	0.268911	-3.7187	0.273888	1.44309	1.44309	0.0413678	0.468635	-2.13386	0.814003	1.07888	1.07888	0.0164871	0.389126	-2.56986	0.167553	1.60624	1.60624	0.166539	1.6083	1.6083	4.71985	7.75763	1.46099	1
cg20920827	SHANK2	0.0200691	0.952468	1.01145	1.01145	0.133624	0.734144	-1.36213	0.0885718	0.69846	-1.43172	0.674153	0.922397	-1.08413	0.00426187	0.481657	-2.07616	0.002561	0.449766	-2.22338	0.976125	0.9943	-1.00573	0.164968	1.32704	1.32704	0.0898813	0.699691	-1.4292	4.69905	2.71564	0.513699	1
cg27122965	SHANK2	0.0203642	0.851875	0.942242	-1.0613	0.010013	2.81456	2.81456	0.0829235	1.84245	1.84245	0.709822	1.12632	1.12632	0.223826	0.665819	-1.50191	0.917121	1.03368	1.03368	0.00207721	0.251683	-3.97326	0.542131	0.821685	-1.21701	0.509223	0.808071	-1.23751	4.67578	7.50148	1.42607	1
cg23077606	SHANK2	0.0212136	0.765745	1.06248	1.06248	0.0435576	1.60112	1.60112	0.00128822	0.386174	-2.58951	0.614757	0.90219	-1.10841	0.277969	0.79547	-1.25712	0.762136	0.940286	-1.06351	0.115747	1.41449	1.41449	0.142144	1.37723	1.37723	0.411256	0.843314	-1.1858	4.61106	3.00429	0.579148	1
cg06868991	SHANK2	0.0262313	0.0477855	0.45735	-2.18651	0.89864	0.956905	-1.04504	0.677758	0.865506	-1.15539	0.424874	1.32537	1.32537	0.00192767	0.219313	-4.5597	0.149598	0.586229	-1.70582	0.884426	0.950966	-1.05156	0.936448	1.02795	1.02795	0.00680799	0.297616	-3.36003	4.28479	8.10839	1.6821	1
cg13899780	SHANK2	0.0264218	0.927883	1.01455	1.01455	0.00240124	0.509106	-1.96423	0.0161855	1.59929	1.59929	0.616636	1.0839	1.0839	0.201364	0.806235	-1.24033	0.474129	1.12322	1.12322	0.324708	1.17626	1.17626	0.163523	1.2679	1.2679	0.692875	0.938601	-1.06542	4.27396	1.72474	0.358707	1
cg24067803	SHANK2	0.0278208	0.381861	0.823622	-1.21415	0.0802854	1.52165	1.52165	0.0145613	0.521488	-1.91759	0.757474	1.06931	1.06931	0.00366635	0.427402	-2.33972	0.072852	0.648609	-1.54176	0.112348	0.687973	-1.45355	0.76367	0.936842	-1.06742	0.124402	0.697706	-1.43327	4.19726	3.11178	0.659008	1
cg02540833	SHANK2	0.0278458	0.0534121	0.349771	-2.85901	0.00297144	0.142009	-7.04183	0.0643843	0.369769	-2.70439	0.581595	1.30535	1.30535	0.0459039	0.334369	-2.99071	0.506822	0.724374	-1.3805	0.0232512	0.2729	-3.66435	0.0205351	0.262864	-3.80425	0.110514	0.4349	-2.29938	4.19594	15.2333	3.2271	1
cg24737505	SHANK2	0.028572	0.160083	0.728912	-1.37191	0.328527	0.808589	-1.23672	0.283724	0.790864	-1.26444	0.104689	1.45297	1.45297	0.0356908	0.597501	-1.67364	0.670266	0.913719	-1.09443	0.0540184	0.630806	-1.58527	0.00160571	0.385479	-2.59417	0.881619	0.969094	-1.03189	4.15802	2.92282	0.624832	1
cg16516712	SHANK2	0.0295305	0.0184999	4.90962	4.90962	0.0169268	5.06639	5.06639	0.0275832	4.26804	4.26804	0.0256288	4.37886	4.37886	0.256022	1.93562	1.93562	0.0164027	5.12322	5.12322	0.0698042	3.09377	3.09377	0.0177855	4.97842	4.97842	0.0256798	4.37582	4.37582	4.10977	20.1944	4.36778	1
cg25904372	SHANK2	0.0296321	0.853329	1.03505	1.03505	0.0206214	1.68026	1.68026	0.0634639	0.678111	-1.47468	0.63906	0.915827	-1.09191	0.184406	0.769467	-1.2996	0.223259	0.788052	-1.26895	0.00522625	0.503686	-1.98536	0.270802	1.23789	1.23789	0.132122	0.738974	-1.35323	4.10476	2.25234	0.487744	1
cg17142432	SHANK2	0.0299074	0.531889	0.806373	-1.24012	0.00188412	0.223674	-4.4708	0.0501936	0.468214	-2.13578	0.611327	1.19027	1.19027	0.194093	0.626914	-1.59512	0.344982	0.7185	-1.39179	0.0128335	0.34982	-2.85862	0.0746954	0.509268	-1.9636	0.649951	1.16799	1.16799	4.09132	7.48514	1.62624	1
cg15218096	SHANK2	0.0328296	0.0702703	0.776208	-1.28831	0.958859	1.00648	1.00648	0.0875813	0.789705	-1.2663	0.411229	1.11093	1.11093	0.903874	1.01524	1.01524	0.114262	1.23996	1.23996	0.00200167	1.72647	1.72647	0.466613	1.09719	1.09719	0.899704	0.984338	-1.01591	3.9574	0.982432	0.220668	1
cg18411237	SHANK2	0.0336988	0.100484	1.67147	1.67147	0.108297	1.64902	1.64902	0.0439983	0.516445	-1.93631	0.84205	0.944629	-1.05862	0.0251078	0.467371	-2.13963	0.0149306	0.425469	-2.35034	0.7149	0.900558	-1.11042	0.402794	0.783135	-1.27692	0.0539495	0.535455	-1.86757	3.92039	5.0611	1.14753	1
cg07192048	SHANK2	0.0338449	0.712828	1.09343	1.09343	0.0629444	1.65777	1.65777	0.342594	1.2665	1.2665	0.302283	0.772437	-1.2946	0.305967	1.29189	1.29189	0.0224015	1.9368	1.9368	0.00202399	2.86314	2.86314	0.0733877	1.61991	1.61991	0.835628	0.951038	-1.05148	3.91428	3.61923	0.821886	1
cg26645082	SHANK2	0.0350469	0.0615082	0.358	-2.7933	0.164514	0.485174	-2.06112	0.018974	0.250244	-3.9961	0.0374534	3.24627	3.24627	0.519763	0.727441	-1.37468	0.134088	2.19879	2.19879	0.149641	0.470784	-2.12411	0.0450906	0.325864	-3.06876	0.549789	1.34327	1.34327	3.86526	14.5589	3.34811	1
cg27184649	SHANK2	0.0386155	0.0104586	0.562855	-1.77666	0.281935	0.819221	-1.22067	0.0672286	1.4416	1.4416	0.978248	1.00487	1.00487	0.0760977	0.703299	-1.42187	0.451252	0.872079	-1.14668	0.137563	1.33	1.33	0.925688	1.01678	1.01678	0.0220914	0.61297	-1.6314	3.73112	1.87918	0.447688	1
cg15177855	SHANK2	0.0391682	0.586637	1.35965	1.35965	0.00195787	11.5878	11.5878	0.308591	1.80349	1.80349	0.268199	1.90674	1.90674	0.0981162	0.362285	-2.76026	0.0757965	3.02201	3.02201	0.553984	1.39795	1.39795	0.0609248	3.26111	3.26111	0.306815	1.80768	1.80768	3.71171	18.4095	4.40874	1
cg21810373	SHANK2	0.039665	0.0555228	0.428802	-2.33208	0.0221754	0.342992	-2.91552	0.656954	1.19055	1.19055	0.387409	0.707724	-1.41298	0.00226443	0.188833	-5.29567	0.230929	0.6124	-1.63292	0.0435811	0.404364	-2.47302	0.167517	0.563221	-1.7755	0.676149	0.848803	-1.17813	3.69456	8.90957	2.14359	1
cg11996652	SHANK2	0.0398899	0.736127	0.911425	-1.09718	0.0430311	1.89354	1.89354	0.107899	1.61777	1.61777	0.481647	0.821911	-1.21668	0.00353366	0.338102	-2.95769	0.807801	1.06912	1.06912	0.111791	1.60783	1.60783	0.942862	0.980536	-1.01985	0.62605	0.87401	-1.14415	3.68688	4.39073	1.05858	1
cg06088782	SHANK2	0.0414964	0.260489	0.721609	-1.38579	0.00239884	0.30853	-3.24118	0.206281	0.690318	-1.44861	0.117613	1.60394	1.60394	0.159631	0.658519	-1.51856	0.673868	0.888989	-1.12487	0.102051	0.608059	-1.64458	0.104343	0.610437	-1.63817	0.542946	1.18672	1.18672	3.63353	4.44741	1.08799	1
cg26591930	SHANK2	0.0423778	0.636627	1.28125	1.28125	0.558426	1.36098	1.36098	0.352779	1.64537	1.64537	0.553488	1.36639	1.36639	0.0019299	0.101718	-9.83113	0.025516	0.251015	-3.98382	0.736199	1.19255	1.19255	0.55153	0.730702	-1.36855	0.968522	1.02076	1.02076	3.60533	15.4876	3.81844	1
cg09726240	SHANK2	0.0442799	0.636522	1.16476	1.16476	0.0445116	0.477482	-2.09432	0.118035	1.7225	1.7225	0.125602	1.70075	1.70075	0.499753	1.24544	1.24544	0.736546	1.11425	1.11425	0.0079526	0.336142	-2.97494	0.116252	0.578749	-1.72786	0.360994	1.35103	1.35103	3.54686	5.76638	1.44513	1
cg06039161	SHANK2	0.0482113	0.983448	1.00526	1.00526	0.0567907	0.579808	-1.72471	0.0196692	2.03888	2.03888	0.324905	1.29305	1.29305	0.424343	0.813611	-1.22909	0.728695	0.915731	-1.09202	0.0222025	0.500035	-1.99986	0.0528134	0.573234	-1.74449	0.635454	1.12832	1.12832	3.43526	3.47739	0.899791	1
cg02224372	SHANK2	0.0483514	0.0373081	0.41857	-2.38909	0.00883113	0.300827	-3.32417	0.0349472	0.41248	-2.42436	0.0509677	0.448844	-2.22795	0.0140791	0.335512	-2.98052	0.359656	0.712221	-1.40406	0.0590196	0.463824	-2.15599	0.649341	0.847942	-1.17933	0.138656	0.563041	-1.77607	3.43149	7.05645	1.82789	1
cg17329110	SHANK2	0.0487988	0.175578	0.675057	-1.48136	0.00640834	0.379984	-2.63169	0.018147	0.457162	-2.18741	0.0348446	0.511192	-1.95621	0.070626	0.576259	-1.73533	0.22529	0.706487	-1.41546	0.0297188	0.497542	-2.00988	0.996911	0.998944	-1.00106	0.642375	0.880214	-1.13609	3.41955	4.03123	1.04789	1
cg21323244	SHANK2;SHANK2	0.000170549	0.0238266	0.83192	-1.20204	0.00572706	1.28038	1.28038	0.570574	0.961644	-1.03989	0.0900408	1.13596	1.13596	0.390862	1.06182	1.06182	0.000626089	1.43168	1.43168	4.13E-05	1.7044	1.7044	0.00187418	0.740152	-1.35107	0.00324483	0.760402	-1.31509	19.1807	1.41418	0.0655372	1
cg19237476	SHANK2;SHANK2	0.000226744	7.39E-05	0.647384	-1.54468	0.286258	1.06913	1.06913	0.266338	1.07241	1.07241	0.433149	0.952867	-1.04946	0.489204	1.04332	1.04332	0.0130026	1.20445	1.20445	4.05E-05	1.60472	1.60472	0.132926	0.906777	-1.10281	0.0335083	0.860773	-1.16175	17.7557	1.02456	0.0512917	1
cg04110224	SHANK2;SHANK2	0.00035786	0.488113	0.948393	-1.05442	0.0127603	1.26207	1.26207	0.000989468	1.44512	1.44512	0.529056	0.953162	-1.04914	0.259986	0.915404	-1.09241	0.51096	0.951081	-1.05144	3.23E-05	0.544424	-1.8368	0.0296005	1.21248	1.21248	0.00806824	1.29079	1.29079	15.6733	1.4047	0.0796659	1
cg05794931	SHANK2;SHANK2	0.000926459	0.459062	0.835001	-1.1976	0.0316906	0.547484	-1.82654	0.0245621	0.527005	-1.89751	0.390755	1.2341	1.2341	0.0492408	0.58457	-1.71066	0.251183	1.33211	1.33211	2.75E-05	0.138515	-7.21943	0.0307958	1.83436	1.83436	0.0248545	0.527942	-1.89415	12.0238	10.895	0.805435	1
cg26826325	SHANK2;SHANK2	0.0012189	0.000530483	0.643587	-1.55379	0.317454	0.919057	-1.08807	0.167629	0.886804	-1.12765	0.345956	1.0825	1.0825	0.000224699	0.605711	-1.65095	0.0266833	1.23923	1.23923	0.00462431	0.735081	-1.3604	0.281726	1.09568	1.09568	0.65502	1.03742	1.03742	11.1221	1.17518	0.0939218	1
cg04396791	SHANK2;SHANK2	0.00204646	0.0786334	0.734509	-1.36145	0.0152703	1.60088	1.60088	0.396337	0.871789	-1.14707	0.178714	0.797975	-1.25317	?	?	?	0.0299924	0.668123	-1.49673	0.00998643	0.598172	-1.67176	0.000281793	0.391528	-2.5541	0.0462601	1.43432	1.43432	9.79635	3.44145	0.351299	1
cg05337228	SHANK2;SHANK2	0.00302112	0.151521	1.24457	1.24457	0.000626457	0.472955	-2.11437	0.00410568	1.73009	1.73009	0.167815	0.811149	-1.23282	0.432382	0.892186	-1.12084	0.675739	1.06172	1.06172	0.0026685	1.80644	1.80644	0.748551	0.955242	-1.04686	0.878008	0.978368	-1.02211	8.54034	2.74196	0.285386	1
cg10371523	SHANK2;SHANK2	0.00309881	0.245575	0.8503	-1.17606	0.000175814	2.33859	2.33859	0.00890912	1.55948	1.55948	0.288325	1.15857	1.15857	0.273099	0.85873	-1.16451	0.284939	1.15987	1.15987	0.0129979	1.50915	1.50915	0.670236	0.94441	-1.05886	0.0772779	0.769308	-1.29987	8.47613	2.39345	0.251	1
cg03578926	SHANK2;SHANK2	0.00415264	0.225089	1.10018	1.10018	0.195899	0.902596	-1.10792	0.0855108	1.15307	1.15307	0.0669897	1.16631	1.16631	0.000101693	1.67506	1.67506	0.0711952	0.859842	-1.163	0.758459	0.977154	-1.02338	0.922188	0.992706	-1.00735	0.320995	1.07986	1.07986	7.76426	0.690397	0.0790399	1
cg19942459	SHANK2;SHANK2	0.00863163	0.920952	0.987642	-1.01251	0.224008	0.852116	-1.17355	0.747961	0.960415	-1.04122	0.154347	0.826123	-1.21047	0.0104304	0.667653	-1.49778	0.0001923	0.455333	-2.1962	0.770461	1.03733	1.03733	0.709751	1.04795	1.04795	0.0736242	0.778913	-1.28384	6.19385	1.53962	0.220954	1
cg17222829	SHANK2;SHANK2	0.00916482	0.29095	0.686184	-1.45734	0.0201144	0.381543	-2.62094	0.000674332	0.16751	-5.96981	0.15195	0.590099	-1.69463	0.0132186	0.348025	-2.87336	0.395927	1.3482	1.3482	0.282605	0.681339	-1.4677	0.0644856	2.04167	2.04167	0.922358	0.967053	-1.03407	6.07725	11.3672	1.66263	1
cg20771332	SHANK2;SHANK2	0.0120802	0.591058	0.928093	-1.07748	0.575682	0.925152	-1.0809	0.0308154	0.705459	-1.41752	0.793903	0.964621	-1.03668	0.0863279	1.29782	1.29782	0.222358	1.19296	1.19296	0.00115134	1.92943	1.92943	0.134276	0.800791	-1.24876	0.0589879	0.745746	-1.34094	5.56146	1.66719	0.266467	1
cg20723935	SHANK2;SHANK2	0.0128471	0.269152	0.669698	-1.49321	0.0488972	2.18911	2.18911	0.870561	1.05846	1.05846	0.351287	1.39683	1.39683	0.0476499	0.454261	-2.20138	0.221299	0.638962	-1.56504	0.0027771	0.237624	-4.20833	0.00450415	0.267387	-3.7399	0.138745	0.573948	-1.74232	5.45116	10.4788	1.70871	1
cg21202716	SHANK2;SHANK2	0.0200574	0.0865414	1.22416	1.22416	0.46715	0.924001	-1.08225	0.0220219	1.341	1.341	0.202953	1.1544	1.1544	0.489457	1.07789	1.07789	0.0020193	1.59245	1.59245	0.00542588	1.47829	1.47829	0.786658	0.971435	-1.02941	0.865187	1.01832	1.01832	4.69998	0.849515	0.160665	1
cg14926715	SHANK2;SHANK2	0.0209946	0.0872675	0.735275	-1.36004	0.227879	0.813706	-1.22895	0.147735	0.776499	-1.28783	0.229534	1.22796	1.22796	0.00103088	0.452946	-2.20777	0.57928	0.91282	-1.09551	0.0158003	0.617782	-1.61869	0.995712	1.00088	1.00088	0.0752842	0.724288	-1.38067	4.62743	1.94418	0.37346	1
cg22133366	SHANK2;SHANK2	0.0225212	0.472178	0.702686	-1.42311	0.0318723	3.36527	3.36527	0.0540564	2.87214	2.87214	0.936171	0.962091	-1.0394	0.0018093	0.117602	-8.50324	0.685365	1.21718	1.21718	0.752493	0.858432	-1.16491	0.127632	0.451657	-2.21407	0.482928	0.708891	-1.41065	4.51746	16.6568	3.27751	1
cg25869295	SHANK2;SHANK2	0.0228648	0.356153	0.778709	-1.28418	0.336017	1.29879	1.29879	0.394163	0.794528	-1.25861	0.0753826	0.593508	-1.6849	0.00115238	0.284014	-3.52096	0.0762838	0.59467	-1.6816	0.0755007	1.68446	1.68446	0.729213	0.912487	-1.09591	0.748058	1.08864	1.08864	4.49397	4.94306	0.977716	1
cg01935096	SHANK2;SHANK2	0.0246288	0.270657	0.720522	-1.38788	0.00511723	0.347461	-2.87802	0.457392	0.805503	-1.24146	0.528254	1.20035	1.20035	0.695907	0.893813	-1.1188	0.234647	1.42765	1.42765	0.00525985	0.349325	-2.86267	0.153535	1.54763	1.54763	0.2839	1.37461	1.37461	4.37994	5.66595	1.14988	1
cg19892433	SHANK2;SHANK2	0.0250079	0.388434	1.42794	1.42794	0.2264	1.66846	1.66846	0.258428	1.60838	1.60838	0.0932603	2.10452	2.10452	0.101864	0.485939	-2.05787	0.26387	0.625392	-1.599	0.0035039	0.202677	-4.93397	0.645064	1.20554	1.20554	0.0322544	0.364002	-2.74723	4.35676	11.2073	2.28657	1
cg23740474	SHANK2;SHANK2	0.0266502	0.0157046	0.277279	-3.60647	0.0013006	0.13145	-7.60744	0.0765614	0.425949	-2.3477	0.166156	0.527461	-1.89588	0.118647	0.480054	-2.0831	0.886331	1.06393	1.06393	0.119785	0.481321	-2.07761	0.0380588	0.352847	-2.83409	0.102191	0.460754	-2.17036	4.2611	12.6661	2.64222	1
cg23848889	SHANK2;SHANK2	0.0287468	0.0382001	0.494248	-2.02328	0.00220168	0.2839	-3.52237	0.00814525	0.37025	-2.70088	0.0898439	0.577812	-1.73067	0.308962	0.734262	-1.36191	0.617882	1.15898	1.15898	0.397298	0.77549	-1.28951	0.0824086	0.568703	-1.75839	0.157972	0.64221	-1.55712	4.14907	5.65502	1.21152	1
cg11070176	SHANK2;SHANK2	0.0291632	0.0113708	0.541137	-1.84796	0.0390145	0.629375	-1.58888	0.607024	0.904345	-1.10577	0.0122198	0.546046	-1.83135	0.0584355	0.660737	-1.51346	0.152693	0.743157	-1.34561	0.00605992	0.499252	-2.003	0.189282	0.763761	-1.30931	0.0224923	0.588767	-1.69846	4.12803	2.45564	0.528773	1
cg04903912	SHANK2;SHANK2	0.0298782	0.00961189	0.630278	-1.5866	0.60257	1.07678	1.07678	0.0210849	1.47789	1.47789	0.276072	1.17297	1.17297	0.0120283	0.643358	-1.55434	0.931819	0.988023	-1.01212	0.84892	0.973503	-1.02722	0.372437	1.13762	1.13762	0.497958	1.10173	1.10173	4.09274	1.28528	0.279146	1
cg10509626	SHANK2;SHANK2	0.0327218	0.694358	0.927495	-1.07817	0.00632624	1.96916	1.96916	0.957495	1.01021	1.01021	0.814622	0.956223	-1.04578	0.0076979	0.520668	-1.92061	0.15441	1.33715	1.33715	0.343637	1.20434	1.20434	0.302234	1.22592	1.22592	0.2628	0.800505	-1.24921	3.96208	2.27937	0.511374	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17959824	SHANK2;SHANK2	0.0331833	0.0253127	0.38693	-2.58445	0.0549709	0.459744	-2.17512	0.11405	0.541259	-1.84754	0.550438	1.24076	1.24076	0.621309	1.1946	1.1946
cg05068686	SHANK2;SHANK2	0.0352415	0.387033	1.15952	1.15952	0.448376	0.879003	-1.13765	0.995758	0.999113	-1.00089	0.162685	1.28245	1.28245	0.0602704	0.70208	-1.42434
cg08870587	SHANK2;SHANK2	0.0376185	0.0283175	0.284372	-3.51652	0.0125613	0.221401	-4.51669	0.0348113	0.302729	-3.30328	0.0247895	0.273091	-3.66178	0.0873153	0.399757	-2.50152
cg16944941	SHANK2;SHANK2	0.0391607	0.637853	0.851242	-1.17475	0.00142615	0.208596	-4.79396	0.780145	0.909321	-1.09972	0.386922	1.35158	1.35158	0.211233	0.639264	-1.5643
cg06828043	SHANK2;SHANK2	0.0438134	0.157819	0.60212	-1.6608	0.0598288	0.490002	-2.04081	0.733173	0.891413	-1.12181	0.94869	0.978614	-1.02185	0.00161008	0.218868	-4.56897
cg16163543	SHANK2;SHANK2	0.0474112	0.0805226	0.666164	-1.50113	0.072332	1.52236	1.52236	0.801954	0.948696	-1.05408	0.280713	0.790594	-1.26487	0.363707	0.822326	-1.21606
cg13213810	SHANK3	0.00643451	0.0138945	9.4371	9.4371	0.000631491	48.3825	48.3825	0.0400088	5.77163	5.77163	0.217503	2.60696	2.60696	0.634966	1.42364	1.42364
cg18851100	SHANK3	0.0106575	0.0299205	6.50426	6.50426	0.00223992	23.0363	23.0363	0.0167143	8.51027	8.51027	0.0942841	3.85103	3.85103	0.431359	1.80163	1.80163
cg06422471	SHANK3	0.0109222	0.0258654	6.56995	6.56995	0.000804878	36.5452	36.5452	0.126658	3.24033	3.24033	0.4812	1.6644	1.6644	0.0212608	7.17203	7.17203
cg08296191	SHANK3	0.0111411	0.00757369	5.39673	5.39673	0.028143	3.56932	3.56932	0.0191016	4.0228	4.0228	0.0298276	3.50626	3.50626	0.0402207	3.20013	3.20013
cg02380914	SHANK3	0.0148887	0.453332	0.897095	-1.11471	0.000432596	2.20616	2.20616	0.0923262	1.3013	1.3013	0.349281	1.1468	1.1468	0.985472	0.997415	-1.00259
cg04865531	SHANK3	0.0164079	0.0494268	3.39067	3.39067	0.0173915	4.84043	4.84043	0.0678051	3.04658	3.04658	0.140572	2.37088	2.37088	0.612164	1.32103	1.32103
cg04537738	SHANK3	0.0277411	0.705678	1.10235	1.10235	0.102808	1.58152	1.58152	0.0717554	1.67584	1.67584	0.345033	1.28374	1.28374	0.372195	0.790338	-1.26528
cg02218200	SHANK3	0.047036	0.689192	1.31148	1.31148	0.0104542	8.79272	8.79272	0.0124196	8.15464	8.15464	0.124232	3.07313	3.07313	0.816342	0.854779	-1.16989
cg11883258	SHARPIN;MAF1	0.0179843	0.103141	0.598033	-1.67215	0.672677	0.884671	-1.13036	0.00806031	2.66097	2.66097	0.612744	0.863131	-1.15857	0.00622813	0.357622	-2.79625
cg22260950	SHARPIN;MAF1;MAF1	0.00389938	0.768026	1.05803	1.05803	0.199438	1.29508	1.29508	0.203049	1.29211	1.29211	0.000167516	0.294631	-3.39407	0.875502	0.970539	-1.03036
cg19517467	SHARPIN;MAF1;MAF1	0.0387637	0.149879	0.496242	-2.01515	0.215321	1.80026	1.80026	0.00650425	0.176983	-5.65025	0.457703	0.714037	-1.40049	0.228004	0.565619	-1.76797
cg17176228	SHARPIN;MAF1;SHARPIN	0.0158521	0.293163	0.725506	-1.37835	0.552199	1.19359	1.19359	0.0452076	1.96618	1.96618	0.00111604	0.243474	-4.10722	0.0235809	0.451336	-2.21565
cg11538573	SHARPIN;SHARPIN;MAF1	0.000449303	0.548059	0.882471	-1.13318	0.202293	0.758117	-1.31906	0.0149492	1.85065	1.85065	0.0107629	0.517307	-1.93309	9.57E-06	0.140578	-7.11348
cg13718141	SHB	0.00377785	0.00573854	0.503385	-1.98655	0.0571261	1.50379	1.50379	0.000282088	0.324635	-3.08039	0.235931	0.790226	-1.26546	0.0279032	0.611104	-1.63638
cg14384930	SHB	0.016287	0.142862	0.73749	-1.35595	0.0104539	0.536206	-1.86496	0.0483521	0.646492	-1.54681	0.103935	1.41028	1.41028	0.01411	0.556682	-1.79636
cg13843266	SHB	0.0189781	0.0336293	0.372066	-2.6877	0.00112525	0.148041	-6.75489	0.0550613	0.420372	-2.37885	0.0308831	0.364276	-2.74517	0.0257265	0.348069	-2.873
cg13897325	SHB	0.0360325	0.598362	1.15288	1.15288	0.265088	1.36458	1.36458	0.0036689	0.349461	-2.86155	0.50378	0.833952	-1.19911	0.593694	0.865786	-1.15502
cg08289932	SHB;SHB	0.0289234	0.167715	0.877108	-1.14011	0.243775	1.11489	1.11489	0.00221116	1.46591	1.46591	0.027476	1.2618	1.2618	0.204081	1.12696	1.12696
cg16673904	SHBG	0.00161163	0.00279438	0.340457	-2.93723	0.0535889	0.563722	-1.77392	0.0105216	0.430959	-2.3204	0.0337467	0.522912	-1.91237	0.000932555	0.274726	-3.64
cg19178740	SHBG;FXR2	0.00116564	0.27051	0.685018	-1.45982	0.521053	0.806955	-1.23923	0.198417	0.638792	-1.56545	0.846297	1.06609	1.06609	0.307997	1.41616	1.41616
cg01807919	SHBG;FXR2	0.00364785	0.0635894	1.14372	1.14372	0.0509955	1.15386	1.15386	0.0109712	1.22814	1.22814	0.00521229	1.26787	1.26787	0.0542496	1.15101	1.15101
cg04030905	SHBG;SHBG;SAT2	0.00146301	0.02879	0.685226	-1.45937	0.37127	1.14406	1.14406	0.000112955	2.70263	2.70263	0.0232763	1.48816	1.48816	0.621689	1.07564	1.07564
cg09474692	SHBG;SHBG;SAT2	0.00964506	0.472705	0.860982	-1.16146	0.547443	0.882707	-1.13288	0.882831	1.03068	1.03068	0.00413432	0.454733	-2.19909	0.000503799	0.328075	-3.04808
cg17338258	SHBG;SHBG;SHBG;SHBG;SHBG;SHBG	0.0314037	0.497606	1.11363	1.11363	0.0115614	0.610465	-1.6381	0.00527509	0.562786	-1.77688	0.801718	0.961436	-1.04011	0.077496	1.35893	1.35893
cg04915414	SHC1;SHC1;CKS1B;CKS1B	0.00278302	?	?	?	0.68577	1.15243	1.15243	0.0539447	0.436285	-2.29208	0.00603743	0.2211	-4.52284	?	?	?
cg04602755	SHC1;SHC1;PYGO2;SHC1;SHC1	0.00292997	0.000748115	0.125738	-7.95307	0.105127	2.04985	2.04985	0.975623	0.987691	-1.01246	0.852784	0.927466	-1.07821	0.0015369	0.157643	-6.34343
cg00147095	SHC1;SHC1;SHC1;SHC1	0.00377412	0.000521727	0.147609	-6.77465	0.0158208	0.351493	-2.84501	0.368366	1.38651	1.38651	0.907276	1.04207	1.04207	0.00834413	0.303527	-3.29459
cg09025625	SHC1;SHC1;SHC1;SHC1	0.0145583	0.872579	0.966292	-1.03488	0.207202	1.32864	1.32864	0.00110208	2.79472	2.79472	0.206731	1.32907	1.32907	0.382756	0.825952	-1.21072
cg25603883	SHC1;SHC1;SHC1;SHC1	0.0173501	0.0188802	0.229073	-4.36541	0.312659	1.7181	1.7181	0.908128	1.06165	1.06165	0.200698	0.496397	-2.01452	0.0500269	0.31409	-3.1838
cg15136568	SHC1;SHC1;SHC1;SHC1	0.0493907	0.0179583	0.357247	-2.79919	0.904234	0.95783	-1.04403	0.00772945	0.293815	-3.4035	0.483085	0.774799	-1.29066	0.690102	1.15426	1.15426
cg22163854	SHC2	0.000129171	0.00452721	0.72163	-1.38575	0.24512	0.900454	-1.11055	0.0442372	0.819284	-1.22058	0.825415	0.981126	-1.01924	1.67E-06	0.354812	-2.8184
cg23184638	SHC2	0.000803623	0.610385	1.14449	1.14449	0.000102572	6.08524	6.08524	0.0101146	2.34473	2.34473	0.160188	1.48301	1.48301	0.00582843	0.387423	-2.58116
cg10016690	SHC2	0.00107991	0.000269199	0.476079	-2.10049	0.237072	0.85742	-1.16629	0.592438	0.9351	-1.0694	0.00713162	1.53965	1.53965	0.347697	0.886857	-1.12758
cg14314896	SHC2	0.00177627	0.0558677	0.777443	-1.28627	0.99271	0.998939	-1.00106	0.0415131	0.760957	-1.31413	0.00192318	1.66583	1.66583	0.0596155	1.28025	1.28025
cg01039573	SHC2	0.00296338	0.154511	0.802608	-1.24594	0.178924	1.22878	1.22878	0.00106809	0.497769	-2.00896	0.762038	0.957127	-1.04479	0.0178459	0.660029	-1.51509
cg16028012	SHC2	0.005218	0.000959154	0.435021	-2.29874	0.0171083	1.63528	1.63528	0.00315593	0.505275	-1.97912	0.689339	0.934262	-1.07036	0.0267271	0.641333	-1.55925
cg07472943	SHC2	0.00566471	0.125043	1.457	1.457	0.00126394	2.90561	2.90561	0.0614822	1.61208	1.61208	0.0109888	2.06116	2.06116	0.5628	0.875795	-1.14182
cg21078196	SHC2	0.00976247	0.0685568	0.698618	-1.4314	0.00192671	0.461997	-2.16451	0.110739	1.35757	1.35757	0.0478141	1.48892	1.48892	0.0352141	1.53955	1.53955
cg19777277	SHC2	0.0110987	0.303956	0.84974	-1.17683	0.018107	1.55111	1.55111	0.380723	1.14741	1.14741	0.0766059	0.739916	-1.3515	0.0263686	0.668481	-1.49593
cg04148794	SHC2	0.0111973	0.00122356	0.366343	-2.72968	0.774275	0.940785	-1.06294	0.0496943	0.621713	-1.60846	0.838681	1.04422	1.04422	0.478061	1.16546	1.16546
cg22165700	SHC2	0.0119176	0.495863	0.909167	-1.09991	0.000589985	0.481439	-2.0771	0.498158	0.909641	-1.09933	0.464106	1.10807	1.10807	0.0787983	0.764286	-1.30841
cg15549877	SHC2	0.0194993	0.0394878	1.56301	1.56301	0.00436463	2.04225	2.04225	0.0825138	0.697237	-1.43423	0.0274481	1.63088	1.63088	0.869222	0.969572	-1.03138
cg02290110	SHC2	0.024376	0.303799	0.88723	-1.1271	0.409026	0.909497	-1.09951	0.227392	1.15299	1.15299	0.00995513	1.44151	1.44151	0.0570411	0.785132	-1.27367
cg19420102	SHC2	0.0259046	0.246267	0.792807	-1.26134	0.000977758	0.391034	-2.55732	0.966699	0.992038	-1.00803	0.889437	1.02699	1.02699	0.855448	0.965685	-1.03553
cg05653385	SHC2	0.0329951	0.293366	1.19154	1.19154	0.909872	0.981959	-1.01837	0.0483697	0.695832	-1.43713	0.0748839	1.37567	1.37567	0.862905	0.972595	-1.02818
cg03345757	SHC2	0.035623	0.00376457	0.629999	-1.5873	0.0237519	1.37563	1.37563	0.446703	1.09597	1.09597	0.516522	1.08082	1.08082	0.0834135	0.797375	-1.25411
cg05537380	SHC2	0.047402	0.806529	0.968658	-1.03236	0.366288	0.886516	-1.12801	0.16958	0.827053	-1.20911	0.794133	0.966631	-1.03452	0.115624	0.800943	-1.24853
cg27044506	SHC3	0.0025165	0.5261	1.06372	1.06372	0.00785066	1.38825	1.38825	0.000120325	1.90846	1.90846	0.293691	1.11043	1.11043	0.0367932	1.2627	1.2627
cg00420568	SHC3	0.00405693	0.426037	0.892225	-1.12079	0.510185	1.09825	1.09825	0.154344	1.23852	1.23852	0.000248065	0.42797	-2.33661	0.259396	0.847832	-1.17948
cg14303187	SHC3	0.00678867	0.0381586	0.68738	-1.4548	0.261193	0.832934	-1.20058	0.0191516	0.642598	-1.55618	0.121801	1.29907	1.29907	0.0138078	0.622032	-1.60763
cg14048780	SHC3	0.0139481	0.936967	0.968572	-1.03245	0.212736	0.5887	-1.69866	0.00219044	0.176511	-5.66538	0.574548	0.795336	-1.25733	0.0080538	0.254002	-3.93698
cg09868003	SHC4	0.00185453	0.000488934	0.334378	-2.99062	0.423893	0.848936	-1.17794	0.669945	1.08978	1.08978	0.00607555	0.487552	-2.05106	0.175006	0.748832	-1.33541
cg26337669	SHC4	0.00187379	0.578986	1.14506	1.14506	0.53974	0.86068	-1.16187	0.0915441	0.638255	-1.56677	0.631252	0.889703	-1.12397	0.000104624	0.190705	-5.24371
cg02613685	SHC4	0.00607139	0.0144545	0.329753	-3.03257	0.31163	1.47006	1.47006	0.425035	1.34968	1.34968	0.0526949	0.444539	-2.24952	0.124891	0.542548	-1.84315
cg26814712	SHC4	0.00748873	0.0314836	1.94201	1.94201	0.834712	0.946509	-1.05651	0.000902305	3.69423	3.69423	0.0197055	2.09823	2.09823	0.0137442	2.22884	2.22884
cg24174281	SHC4	0.012523	0.0331889	0.594224	-1.68287	0.0185659	0.550608	-1.81617	0.00406419	0.446485	-2.23972	0.575203	0.888371	-1.12566	0.000903865	0.354151	-2.82365
cg01371498	SHC4	0.0229364	0.0663908	1.63703	1.63703	0.324841	0.783959	-1.27558	0.0990031	1.54186	1.54186	0.826265	1.05404	1.05404	0.605334	1.13291	1.13291
cg22698177	SHC4	0.034457	0.00752933	0.233082	-4.29034	0.101769	0.468336	-2.13522	0.377515	0.681497	-1.46736	0.0991849	0.465127	-2.14995	0.00904995	0.245387	-4.07519
cg21789620	SHC4;EID1	0.00497531	0.00357992	0.619078	-1.61531	0.242189	0.861769	-1.1604	0.00130252	0.566024	-1.76671	0.00737629	0.657289	-1.5214	0.391952	1.11249	1.11249
cg21401746	SHC4;EID1	0.0232009	0.422133	0.855403	-1.16904	0.436701	1.16315	1.16315	0.0444563	1.55211	1.55211	0.169455	1.32152	1.32152	0.00903279	1.88162	1.88162
cg15199301	SHC4;EID1	0.0332339	0.0789143	1.68607	1.68607	0.183604	1.45899	1.45899	0.713658	0.906032	-1.10371	?	?	?	0.0665063	1.73494	1.73494
cg11339445	SHC4;SHC4	0.00261684	0.277177	0.832393	-1.20136	0.0977417	0.74461	-1.34298	0.00268905	0.510028	-1.96068	0.644908	1.07823	1.07823	0.150885	1.28387	1.28387
cg03703707	SHC4;SHC4	0.0169317	0.262819	1.1185	1.1185	0.107283	1.18367	1.18367	0.336352	1.09976	1.09976	0.929393	0.991535	-1.00854	0.394847	0.919806	-1.08719
cg23637124	SHC4;SHC4	0.0375161	0.525997	0.893312	-1.11943	0.721546	1.06485	1.06485	0.154478	1.30683	1.30683	0.880046	0.973834	-1.02687	0.4462	0.872553	-1.14606
cg05989100	SHCBP1	0.000728017	0.816653	1.02929	1.02929	0.803772	1.03143	1.03143	0.885909	1.01801	1.01801	0.000150392	0.445313	-2.24561	0.0047949	0.627954	-1.59247
cg01377916	SHCBP1	0.00816483	0.000217676	2.10877	2.10877	0.829532	1.02643	1.02643	0.778791	1.03466	1.03466	0.0812575	1.26344	1.26344	0.757704	0.963254	-1.03815
cg02139960	SHCBP1	0.0173013	0.0482512	0.62117	-1.60987	0.0155736	0.534872	-1.86961	0.185514	0.743669	-1.34468	0.234689	0.768921	-1.30052	0.00062271	0.329428	-3.03556
cg04540406	SHCBP1	0.020953	0.0595291	0.475719	-2.10208	0.962679	1.01648	1.01648	0.685941	0.867611	-1.15259	0.0549826	0.467585	-2.13865	0.0243127	0.391512	-2.5542
cg03266048	SHCBP1	0.0227156	0.857702	1.03392	1.03392	0.0401751	0.643585	-1.5538	0.0478753	0.656746	-1.52266	0.843236	0.963866	-1.03749	0.0138533	0.568199	-1.75995
cg26646370	SHD;SHD	7.99E-06	2.85E-07	0.259258	-3.85716	0.00108777	0.650096	-1.53824	0.000320714	0.594448	-1.68223	0.0193057	0.776648	-1.28759	2.01E-05	0.462623	-2.16159
cg06065657	SHD;SHD	0.0365533	0.000963598	0.655839	-1.52477	0.723692	0.969995	-1.03093	0.939082	0.993462	-1.00658	0.167016	0.881232	-1.13477	0.886256	1.01236	1.01236
cg04311510	SHE	5.97E-05	0.206133	0.686934	-1.45574	0.735571	0.908966	-1.10015	2.37E-05	0.0929381	-10.7599	0.0555763	0.54288	-1.84203	2.07E-05	0.0889001	-11.2486
cg26105956	SHE	0.000159763	0.520665	0.79999	-1.25002	1.26E-05	0.042863	-23.3302	0.00143121	0.205877	-4.85726	0.000195786	0.116868	-8.55667	0.000139594	0.104894	-9.53345
cg26931437	SHE	0.0447007	0.0154969	1.57672	1.57672	0.498296	0.899946	-1.11118	0.699641	1.06125	1.06125	0.0101765	1.64372	1.64372	0.00962115	1.65299	1.65299
cg18423591	SHF	9.08E-07	0.00201389	0.707265	-1.4139	0.0029663	0.723141	-1.38286	0.533279	0.95108	-1.05144	9.56E-07	0.357952	-2.79367	1.09E-07	0.256769	-3.89455
cg01908020	SHF	0.000813785	0.293776	0.837696	-1.19375	0.259332	1.21091	1.21091	0.074691	0.724063	-1.38109	0.0533702	0.699849	-1.42888	0.000578149	0.420673	-2.37714
cg19084621	SHF	0.00135111	0.919336	1.01742	1.01742	0.000816049	2.36384	2.36384	0.50333	0.890663	-1.12276	0.200125	0.793949	-1.25953	0.000101417	0.309086	-3.23535
cg02710224	SHF	0.00368705	0.0187539	0.602266	-1.6604	0.0372185	1.53814	1.53814	0.237218	1.24665	1.24665	0.00101743	0.41999	-2.38101	0.0921289	1.39107	1.39107
cg24933173	SHF	0.00412934	0.419077	0.893541	-1.11914	8.23E-05	2.63066	2.63066	0.307811	1.15479	1.15479	0.207033	1.19892	1.19892	0.303673	1.15632	1.15632
cg09690424	SHF	0.00460862	0.502968	0.90263	-1.10787	6.66E-05	3.00898	3.00898	0.12832	0.780571	-1.28111	0.962185	1.00717	1.00717	0.414649	1.1339	1.1339
cg16716316	SHF	0.00507554	0.00263	0.112171	-8.91494	0.0638356	0.334681	-2.98792	0.722738	0.829296	-1.20584	0.892271	1.07379	1.07379	0.723717	1.205	1.205
cg02708969	SHF	0.0130492	0.726204	0.960453	-1.04118	0.445245	0.91456	-1.09342	0.424706	0.910677	-1.09808	0.969322	0.995596	-1.00442	0.306907	1.12908	1.12908
cg24033558	SHF	0.0158059	0.0386949	0.24058	-4.15662	0.270031	0.504883	-1.98066	0.0854209	3.10015	3.10015	0.0222116	0.195705	-5.10972	?	?	?
cg13580343	SHF	0.0254909	0.201221	0.774134	-1.29177	0.0706669	0.681729	-1.46686	0.000874463	0.38801	-2.57725	0.351398	0.833681	-1.1995	0.0177921	0.57896	-1.72724
cg01534613	SHFM1	0.000924085	0.79943	0.926159	-1.07973	0.00804638	0.359562	-2.78116	0.00225842	0.275932	-3.62408	0.133514	1.62841	1.62841	0.0348164	0.476563	-2.09836
cg00954833	SHFM1	0.00109285	0.550678	1.19809	1.19809	0.441793	1.26463	1.26463	0.0149175	0.408133	-2.45018	0.134169	1.62177	1.62177	0.00219736	0.276576	-3.61565
cg20526205	SHFM1	0.00170964	0.00241572	1.61613	1.61613	0.0587988	1.27444	1.27444	0.0099455	1.44761	1.44761	0.80172	1.029	1.029	0.802302	1.02891	1.02891
cg00227355	SHFM1	0.00493585	0.0764153	0.592725	-1.68712	0.255673	0.729893	-1.37006	0.807669	0.937336	-1.06685	0.461658	0.819682	-1.21999	0.00558873	0.380773	-2.62623
cg03602938	SHFM1	0.00497292	0.925408	0.985442	-1.01477	0.00148427	2.05	2.05	0.212057	1.22858	1.22858	0.0348116	1.46999	1.46999	0.0654515	1.38239	1.38239
cg13019513	SHFM1	0.045816	0.597202	0.883728	-1.13157	0.0134987	0.492255	-2.03147	0.505805	1.1694	1.1694	0.00827175	0.457178	-2.18733	0.0236899	0.53474	-1.87007
cg06545950	SHH	0.000651532	0.981987	1.00976	1.00976	0.505294	0.74771	-1.33742	0.576733	0.784639	-1.27447	6.65E-06	0.0134739	-74.2176	0.911426	1.04902	1.04902
cg09079818	SHH	0.00126658	0.0819346	0.594247	-1.6828	0.288718	1.34632	1.34632	0.127235	1.56101	1.56101	0.783603	0.928364	-1.07716	0.581261	0.860351	-1.16232
cg02590556	SHH	0.00159326	5.21E-05	5.35022	5.35022	0.733767	1.07862	1.07862	0.0267625	0.558912	-1.78919	0.727671	1.08058	1.08058	0.199192	1.35086	1.35086
cg11742909	SHH	0.00562187	0.337573	0.794108	-1.25927	0.0107469	2.11152	2.11152	0.282506	1.29746	1.29746	0.0298987	1.81442	1.81442	0.0159134	0.502345	-1.99067
cg22437161	SHH	0.00955343	0.147516	1.11276	1.11276	0.0226329	1.20641	1.20641	0.0114027	0.804347	-1.24324	0.0180534	1.21832	1.21832	0.478928	1.05073	1.05073
cg15244043	SHH	0.0110466	0.550572	1.0976	1.0976	0.324337	0.854749	-1.16993	0.259259	1.19899	1.19899	0.067738	0.729396	-1.371	0.852014	1.02921	1.02921
cg19691563	SHH	0.0117103	?	?	?	0.0426772	2.70751	2.70751	0.0325407	2.91812	2.91812	0.316867	1.54369	1.54369	0.384767	0.68836	-1.45273
cg16642716	SHH	0.0129956	0.581782	1.10618	1.10618	0.312244	0.827262	-1.20881	0.265216	0.81007	-1.23446	0.745215	0.942565	-1.06093	0.512311	1.12812	1.12812
cg18413449	SHH	0.0138372	0.629714	1.12909	1.12909	0.216708	1.38385	1.38385	0.154693	1.4633	1.4633	0.419491	0.81371	-1.22894	0.496656	0.841567	-1.18826
cg20521696	SHH	0.0219323	0.193586	1.74766	1.74766	0.0797612	2.20141	2.20141	0.144625	1.88872	1.88872	0.799738	1.10868	1.10868	0.0556601	2.41101	2.41101
cg05820448	SHH	0.0245117	0.0329629	0.735447	-1.35972	0.0686115	1.28548	1.28548	0.176676	1.19357	1.19357	0.24913	1.15999	1.15999	0.490707	0.917367	-1.09008
cg23687058	SHH	0.0298411	0.482304	1.12366	1.12366	0.631014	0.924033	-1.08221	0.551508	0.906322	-1.10336	0.482721	1.12353	1.12353	0.145933	0.775023	-1.29028
cg00577464	SHH	0.0413185	0.281628	0.795449	-1.25715	0.226315	1.29671	1.29671	0.0710621	0.662051	-1.51046	0.986187	1.00355	1.00355	0.23783	0.776549	-1.28775
cg21510892	SHH;SHH	0.00327668	0.650024	1.05152	1.05152	0.247211	1.14234	1.14234	0.132656	1.19537	1.19537	0.100856	0.820663	-1.21853	0.284364	0.884866	-1.13011
cg12329178	SHISA2	2.77E-05	0.0106576	0.732399	-1.36538	4.79E-07	3.93993	3.93993	0.00171961	0.647941	-1.54335	0.0610047	1.22729	1.22729	0.294699	1.11117	1.11117
cg07984168	SHISA2	0.0059153	0.0211154	0.444935	-2.24752	0.0669108	1.8218	1.8218	0.0502597	0.521124	-1.91893	0.0602701	0.538581	-1.85673	0.000917686	0.235379	-4.24847
cg20636249	SHISA2	0.0111318	0.44817	1.2605	1.2605	0.000182477	6.65415	6.65415	0.115307	1.66993	1.66993	0.652242	0.87296	-1.14553	0.377006	1.31193	1.31193
cg06215691	SHISA2	0.0157734	0.00160622	3.54799	3.54799	0.0196952	2.20001	2.20001	0.0412205	1.9331	1.9331	0.227784	1.42525	1.42525	0.734018	0.908958	-1.10016
cg00099976	SHISA2	0.0212809	0.335773	0.885118	-1.12979	0.143945	1.21291	1.21291	0.634789	1.0606	1.0606	0.0298144	0.730271	-1.36936	0.908594	1.01422	1.01422
cg17830985	SHISA2	0.0453026	0.0033867	1.78348	1.78348	0.596379	1.08071	1.08071	0.0186478	1.51299	1.51299	0.689039	1.06015	1.06015	0.768537	1.04378	1.04378
cg04350645	SHISA2	0.0469196	0.18205	0.64564	-1.54885	0.0528105	1.97367	1.97367	0.665195	0.874162	-1.14395	0.728864	0.898087	-1.11348	0.00448021	0.310169	-3.22405
cg20621313	SHISA3	0.000125525	0.253136	1.36471	1.36471	0.63884	0.884131	-1.13105	0.00951609	0.42498	-2.35305	0.0145662	0.456616	-2.19002	3.57E-05	0.125312	-7.98006
cg06269673	SHISA3	0.000469535	7.28E-05	0.296421	-3.37358	0.0108221	0.583247	-1.71454	0.538875	0.900501	-1.11049	0.0961125	1.36044	1.36044	0.0629226	1.42252	1.42252
cg16094442	SHISA3	0.00513285	0.657177	1.04545	1.04545	0.346897	1.10119	1.10119	0.178216	1.15299	1.15299	0.512395	1.06836	1.06836	0.571715	0.944714	-1.05852
cg11065575	SHISA3	0.00932686	0.574959	0.774467	-1.29121	0.0816355	2.38822	2.38822	0.701295	0.840417	-1.18989	0.381399	0.666985	-1.49928	0.509392	1.35245	1.35245
cg13587180	SHISA3	0.00955384	0.686368	1.25948	1.25948	0.00596217	7.71539	7.71539	0.11151	2.67812	2.67812	0.565936	1.39067	1.39067	0.101213	0.360603	-2.77313
cg13813366	SHISA3	0.0126478	0.0300817	3.74603	3.74603	0.0735066	2.8095	2.8095	0.0974372	0.390024	-2.56394	0.531077	1.38884	1.38884	0.25629	1.84678	1.84678
cg16405637	SHISA3	0.0469482	0.796717	1.04618	1.04618	0.247972	0.809596	-1.23518	0.11433	0.740549	-1.35035	0.0655825	0.69671	-1.43532	0.723554	1.06408	1.06408
cg22541001	SHISA3	0.0480163	0.0254236	0.192452	-5.1961	0.0180749	0.168411	-5.93785	0.220777	0.449968	-2.22238	0.354983	0.55416	-1.80453	0.025035	0.191302	-5.22733
cg03046819	SHISA4;SHISA4	0.047798	0.185688	0.742801	-1.34626	0.798451	1.05571	1.05571	0.020783	1.8034	1.8034	0.868442	0.965486	-1.03575	0.176268	0.737403	-1.35611
cg01765403	SHISA4;SHISA4;SHISA4	0.0469062	0.0920242	1.26989	1.26989	0.114992	1.24705	1.24705	0.446954	1.10501	1.10501	0.406541	1.11559	1.11559	0.373362	1.12493	1.12493
cg24273394	SHISA5	0.00254631	0.00527085	0.769849	-1.29896	0.985144	0.998677	-1.00132	0.00934763	1.26412	1.26412	0.00708624	0.780835	-1.28068	0.00313352	0.750369	-1.33268
cg01140579	SHISA5	0.00617288	0.0106577	0.649419	-1.53984	0.582957	0.928155	-1.07741	0.494075	0.910857	-1.09787	0.86149	0.976793	-1.02376	0.708395	0.95074	-1.05181
cg05549685	SHISA5	0.0096066	0.296326	0.878735	-1.138	0.951414	1.0073	1.0073	0.0520791	0.768125	-1.30187	0.370451	0.896017	-1.11605	0.0160595	0.703442	-1.42158
cg14494596	SHISA5	0.0293242	0.202452	0.819655	-1.22003	0.423695	0.886251	-1.12835	0.0508044	1.38936	1.38936	0.80626	1.03698	1.03698	0.0294678	0.684604	-1.4607
cg13330559	SHISA6	1.71E-06	0.000429196	0.293347	-3.40894	0.301695	0.790189	-1.26552	0.0254492	1.794	1.794	0.881152	1.03347	1.03347	0.394834	1.21141	1.21141
cg18160402	SHISA6	7.38E-06	0.310703	1.18275	1.18275	0.0761962	0.72928	-1.37122	0.278648	1.19751	1.19751	0.139779	1.28948	1.28948	0.257717	0.827795	-1.20803
cg07527126	SHISA6	3.79E-05	8.38E-05	0.178368	-5.60638	3.87E-05	0.146493	-6.82628	0.98191	1.00554	1.00554	0.000833633	0.293691	-3.40494	2.31E-05	0.127207	-7.86118
cg11471805	SHISA6	0.000246491	0.29134	0.785574	-1.27296	0.0642051	1.58153	1.58153	0.473389	1.17437	1.17437	0.972134	1.00773	1.00773	5.14E-06	0.101853	-9.81812
cg06852293	SHISA6	0.000377038	0.622331	0.908809	-1.10034	0.0772212	0.684968	-1.45992	0.509835	0.879178	-1.13743	0.510424	0.879341	-1.13722	0.00107538	0.394469	-2.53505
cg10030648	SHISA6	0.000429558	0.121744	0.688328	-1.4528	0.750385	0.931404	-1.07365	0.0445873	0.598417	-1.67108	0.0106276	0.489071	-2.04469	2.37E-05	0.152835	-6.54302
cg25215117	SHISA6	0.000569191	0.669275	1.08211	1.08211	0.113064	1.37265	1.37265	0.144987	1.33306	1.33306	0.188826	1.29135	1.29135	?	?	?
cg24125282	SHISA6	0.000694943	0.412902	0.792815	-1.26133	0.133679	0.638506	-1.56616	0.429193	0.799456	-1.25085	0.496366	1.21112	1.21112	0.956465	1.01526	1.01526
cg08169394	SHISA6	0.00124612	0.528563	0.885769	-1.12896	0.357329	0.835399	-1.19703	0.420126	0.855144	-1.16939	0.407025	1.17485	1.17485	0.311465	0.8196	-1.22011
cg02831267	SHISA6	0.00150956	0.63832	0.932674	-1.07219	0.158193	0.800836	-1.24869	0.117484	1.28441	1.28441	0.0594652	1.36777	1.36777	0.236156	1.20051	1.20051
cg10227024	SHISA6	0.00183057	0.00185921	0.263355	-3.79715	0.162752	1.56865	1.56865	0.050429	0.50982	-1.96148	0.00217916	0.272779	-3.66597	0.0237006	0.442245	-2.26119

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17959824	0.0118952	3.06797	3.06797	0.45403	0.761598	-1.31303	0.435041	1.32896	1.32896	0.0874571	1.96148	1.96148	3.9422	7.96105	1.79506	1
cg05068686	0.125976	1.31833	1.31833	0.00276415	1.9919	1.9919	0.233424	0.811769	-1.23188	0.253852	1.22006	1.22006	3.85751	1.70226	0.392251	1
cg08870587	0.696787	0.826791	-1.2095	0.076101	0.383394	-2.60828	0.0195519	0.253963	-3.93758	0.0257063	0.276129	-3.6215	3.767	14.0758	3.32143	1
cg16944941	0.0459523	0.459755	-2.17507	0.174942	0.612571	-1.63246	0.170542	0.609094	-1.64178	0.47257	1.2817	1.2817	3.71198	6.78417	1.62457	1
cg06828043	0.205684	0.638606	-1.56591	0.160082	1.65563	1.65563	0.576341	0.827275	-1.20879	0.405427	0.751313	-1.331	3.56091	6.36379	1.58856	1
cg16163543	0.359216	0.820732	-1.21842	0.110368	1.43997	1.43997	0.0159893	0.538975	-1.85537	0.0313497	0.589069	-1.69759	3.45704	2.40449	0.618252	1
cg13213810	0.0640372	4.65132	4.65132	0.001824	26.3607	26.3607	0.0117337	10.2279	10.2279	0.0197973	7.98949	7.98949	6.79067	58.6633	7.67894	1
cg18851100	0.0806699	4.13738	4.13738	0.00224512	23.0079	23.0079	0.0105766	10.5603	10.5603	0.0188675	8.04361	8.04361	5.79117	49.2823	7.56435	1
cg06422471	0.0500883	4.90198	4.90198	0.00627832	12.5977	12.5977	0.0240573	6.78596	6.78596	0.0223109	7.01867	7.01867	5.74564	46.0761	7.12828	1
cg08296191	0.0749832	2.64625	2.64625	0.00416454	6.58375	6.58375	0.00191187	8.64571	8.64571	0.0504502	2.98658	2.98658	5.70902	21.7759	3.39049	1
cg02380914	0.207274	1.2081	1.2081	0.00933123	1.598	1.598	0.609718	1.07593	1.07593	0.232923	1.1946	1.1946	5.19347	1.66221	0.284496	1
cg04865531	0.0425167	3.56781	3.56781	0.00184565	11.1088	11.1088	0.0104536	5.78489	5.78489	0.00970674	5.93934	5.93934	5.02866	23.6178	4.1748	1
cg04537738	0.53964	0.852587	-1.1729	0.156854	0.677819	-1.47532	0.00114076	3.41669	3.41669	0.82445	1.05872	1.05872	4.2015	4.3889	0.928536	1
cg02218200	0.98763	0.989598	-1.01051	0.107396	3.2713	3.2713	0.0170874	7.10463	7.10463	0.0736721	3.83766	3.83766	3.46742	24.9813	6.40408	1
cg11883258	0.458274	1.24333	1.24333	0.201753	0.677921	-1.4751	0.139287	0.632014	-1.58224	0.0206499	0.447654	-2.23387	4.87656	6.42259	1.17069	1
cg22260950	0.874102	1.03071	1.03071	0.00216829	0.440103	-2.27219	0.77654	1.05577	1.05577	0.784876	0.949152	-1.05357	7.91298	4.55878	0.512102	1
cg19517467	0.316486	1.59006	1.59006	0.00689492	0.180901	-5.52789	0.445193	0.706979	-1.41447	0.642346	1.23056	1.23056	4.58539	13.5414	1.96877	1
cg17176228	0.970878	1.0108	1.0108	0.675107	0.883341	-1.13207	0.0416668	0.501076	-1.99571	0.661407	0.878373	-1.13847	5.08667	6.9756	1.21898	1
cg11538573	0.0179718	0.553549	-1.80652	0.366254	0.826181	-1.21039	0.254447	1.27733	1.27733	0.795973	1.05475	1.05475	14.7201	9.86453	0.595682	1
cg13718141	0.142038	1.34882	1.34882	0.0775702	0.689441	-1.45045	0.873859	0.970332	-1.03057	0.0882885	0.700115	-1.42834	7.98869	4.54633	0.505863	1
cg14384930	0.422622	1.17161	1.17161	0.020604	1.71463	1.71463	0.470292	1.1526	1.1526	0.808774	0.954201	-1.048	5.04107	2.98502	0.526346	1
cg13843266	0.0355993	0.377357	-2.65001	0.0477083	0.405726	-2.46472	0.0366479	0.380083	-2.63101	0.237306	0.610641	-1.63762	4.78893	12.0391	2.23461	1
cg13897325	0.464506	1.22048	1.22048	0.0356956	1.92365	1.92365	0.503709	1.19915	1.19915	0.0560427	1.78465	1.78465	3.82658	4.34108	1.0084	1
cg08289932	0.327279	1.09437	1.09437	0.32144	1.09565	1.09565	0.195557	0.885089	-1.12983	0.119169	1.16277	1.16277	4.1401	0.521422	0.11195	1
cg16673904	0.445578	1.22548	1.22548	0.000475618	0.238204	-4.19808	0.0476412	1.80813	1.80813	0.0336213	0.522595	-1.91353	10.2649	11.1164	0.96262	1
cg19178740	0.11536	1.75851	1.75851	1.33E-05	0.049301	-20.2836	0.481716	0.789938	-1.26592	0.848353	0.938826	-1.06516	11.2648	19.3987	1.53073	1
cg01807919	0.00313093	1.29705	1.29705	0.00406597	0.780112	-1.28187	0.425133	0.948913	-1.05384	0.679739	0.973628	-1.02709	8.07311	0.530015	0.0583572	1
cg04030905	0.00187299	0.523831	-1.90901	0.995293	1.00087	1.00087	0.613627	1.07749	1.07749	0.563229	0.917892	-1.08945	10.5551	3.59269	0.302554	1
cg09474692	0.992273	0.998017	-1.00199	0.344012	0.818925	-1.22111	0.58012	1.12133	1.12133	0.0903468	1.4659	1.4659	5.97924	3.97725	0.591268	1
cg17338258	0.302861	1.18152	1.18152	0.250665	1.20635	1.20635	0.481766	0.894268	-1.11823	0.869857	1.02596	1.02596	4.02082	1.55552	0.34388	1
cg04915414	0.0166349	0.310582	-3.21976	0.000602413	0.0793048	-12.6096	0.000547798	0.0752777	-13.2841	0.88164	1.05317	1.05317	18.2823	24.9682	0.975504	1
cg04602755	0.0246949	0.338195	-2.95687	0.0332238	0.364598	-2.74275	0.00300788	0.192243	-5.20174	0.0177336	0.31073	-3.21823	8.61835	22.427	2.3131	1
cg00147095	0.0292046	0.402997	-2.48141	0.014074	0.34231	-2.92133	0.587024	1.21406	1.21406	0.00319205	0.240756	-4.15358	7.99106	15.8321	1.76109	1
cg09025625	0.488786	0.860506	-1.16211	0.100974	0.681316	-1.46775	0.0167622	0.535978	-1.86575	0.68567	1.09082	1.09082	5.23209	3.78178	0.642494	1
cg25603883	0.194017	0.490613	-2.03827	0.000825919	0.0735287	-13.6001	0.256116	0.541017	-1.84837	0.0369475	0.284893	-3.51009	4.93568	20.9926	3.78065	1
cg15136568	0.522248	0.792824	-1.26131	0.946741	1.0242	1.0242	0.763699	1.11396	1.11396	0.00999979	0.312188	-3.20319	3.40395	6.90788	1.80389	1
cg22163854	0.956837	0.995343	-1.00468	0.0165648	1.28716	1.28716	0.622944	0.958158	-1.04367	0.14129	0.87246	-1.14618	20.6722	2.43538	0.10472	1
cg23184638	0.0695297	0.586747	-1.70431	0.00728925	2.48149	2.48149	0.00255665	3.00082	3.00082	0.320126	1.30971	1.30971	12.5162	13.6729	0.971041	1
cg10016690	0.000423088	2.00079	2.00079	0.234017	1.16758	1.16758	0.891686	1.01706	1.01706	0.0651498	0.773266	-1.29322	11.5125	2.81181	0.217102	1
cg14314896	0.6835	0.953479	-1.04879	0.249875	1.14999	1.14999	0.219119	0.860539	-1.16206	0.000184201	0.479784	-2.08427	9.98011	2.13487	0.190145	1
cg01039573	0.000362815	0.438355	-2.28125	0.495101	1.10512	1.10512	0.0966394	1.30104	1.30104	0.244626	0.838939	-1.19198	8.58941	2.83203	0.293077	1
cg16028012	0.120954	0.752337	-1.32919	0.352969	1.17555	1.17555	0.809259	0.959904	-1.04177	0.107706	0.743006	-1.34588	7.24349	3.28509	0.403132	1
cg07472943	0.365925	0.810127	-1.23437	0.289899	1.28274	1.28274	0.000610514	3.30963	3.30963	0.30589	1.27164	1.27164	7.06321	5.74794	0.723365	1
cg21078196	0.171575	0.774115	-1.2918	0.344609	0.842617	-1.18678	0.034798	0.648698	-1.54155	0.693465	0.932686	-1.07217	5.9562	2.91903	0.43563	1
cg19777277	0.00196681	0.512207	-1.95234	0.132958	1.28136	1.28136	0.275616	1.1894	1.1894	0.528211	0.906894	-1.10266	5.71603	2.11737	0.329268	1
cg04148794	0.0337419	1.69276	1.69276	0.00674975	0.474488	-2.10753	0.973442	0.992958	-1.00709	0.481478	0.859083	-1.16403	5.69975	4.06805	0.634421	1
cg22165700	0.23788	1.18562	1.18562	0.0186193	1.48119	1.48119	0.640955	0.937365	-1.06682	0.83201	1.02969	1.02969	5.58597	1.67785	0.266994	1
cg15549877	0.11115	1.38463	1.38463	0.0117185	1.80492	1.80492	0.208412	1.28235	1.28235	0.156419	1.32881	1.32881	4.74522	2.64272	0.495044	1
cg02290110	0.00538716	1.50925	1.50925	0.219415	0.864946	-1.15614	0.965	1.00494	1.00494	0.813215	0.973759	-1.02695	4.39565	0.87865	0.17768	1
cg19420102	0.0896871	1.43079	1.43079	0.781503	0.948153	-1.05468	0.131419	1.36593	1.36593	0.301015	1.22776	1.22776	4.30359	2.49896	0.516151	1
cg05653385	0.00362774	1.88294	1.88294	0.561187	1.09907	1.09907	0.40749	1.14594	1.14594	0.0705328	0.722567	-1.38395	3.95027	1.61714	0.363889	1
cg03345757	0.99584	1.00062	1.00062	0.20929	0.855246	-1.16925	0.401367	0.903491	-1.10682	0.705128	1.04594	1.04594	3.84249	0.849623	0.196545	1
cg05537380	0.731543	0.956291	-1.04571	0.000929739	0.526495	-1.89935	0.276082	0.863266	-1.15839	0.527456	1.08664	1.08664	3.4573	0.9222	0.237102	1
cg27044506	0.272246	1.11616	1.11616	0.0204061	0.764338	-1.30832	0.218887	0.883072	-1.13241	0.110234	1.18222	1.18222	9.01457	1.32027	0.130186	1
cg00420568	0.0865082	1.30429	1.30429	0.0478113	0.727983	-1.37366	0.192115	0.823896	-1.21375	0.0160784	1.51181	1.51181	7.8191	2.43762	0.277112	1
cg14303187	0.632851	1.07797	1.07797	0.0114884	0.610627	-1.63766	0.148911	0.785458	-1.27314	0.000641295	0.441562	-2.26469	6.67859	2.57424	0.34262	1
cg14048780	0.148023	1.87109	1.87109	0.115724	1.99432	1.99432	0.531644	0.7743	-1.29149	0.0725011	2.2458	2.2458	5.30636	13.6983	2.29466	1
cg09868003	0.302393	0.807165	-1.2389	0.000175207	0.279035	-3.58378	0.872081	1.03284	1.03284	0.00438908	0.466373	-2.14421	9.85605	6.27629	0.566041	1
cg26337669	0.578302	1.14534	1.14534	0.00188177	2.90103	2.90103	0.0819651	1.59324	1.59324	0.519277	0.853947	-1.17103	9.8265	9.08937	0.822209	1
cg02613685	0.00276021	0.218721	-4.57203	0.0104348	0.30517	-3.27686	0.11318	1.88622	1.88622	0.00358155	0.234057	-4.27247	6.91386	14.8366	1.90748	1
cg26814712	0.176203	1.45985	1.45985	0.110547	0.632856	-1.58014	0.232092	1.3906	1.3906	0.00855903	2.41697	2.41697	6.47706	7.10114	0.974536	1
cg24174281	0.4853	0.862229	-1.15979	0.108557	0.693551	-1.44186	0.950567	0.987123	-1.01305	0.0447683	0.617797	-1.61865	5.49675	3.80466	0.615258	1
cg01371498	0.00973111	2.18765	2.18765	0.00466437	0.406303	-2.46122	0.23477	1.34736	1.34736	0.728046	1.08716	1.08716	4.48914	4.07472	0.80683	1
cg22698177	0.0232947	0.31722	-3.15239	0.0112561	0.26064	-3.83672	0.308217	0.639775	-1.56305	0.112416	0.481002	-2.07899	3.88905	11.046	2.5247	1
cg21789620	0.0275892	0.728605	-1.37249	0.00677231	0.652754	-1.53197	0.844665	1.02413	1.02413	0.251299	1.15682	1.15682	7.34969	1.71943	0.207952	1
cg21401746	0.0210338	0.589395	-1.69666	0.0552465	0.661059	-1.51273	0.211328	0.778162	-1.28508	0.692174	1.07874	1.07874	4.47143	2.5692	0.51074	1
cg15199301	0.105345	1.60604	1.60604	0.0114423	0.428568	-2.33335	0.375519	1.27573	1.27573	0.0376883	1.90686	1.90686	4.00481	4.04196	1.00928	1
cg11339445	0.0257897	1.53683	1.53683	0.000268104	0.378825	-2.63974	0.0719913	0.721806	-1.38541	0.0378745	0.676516	-1.47816	8.91131	3.71859	0.370923	1
cg03703707	0.293713	0.900797	-1.11013	0.000822321	0.616645	-1.62168	0.509358	1.06631	1.06631	0.0571352	1.2293	1.2293	4.97618	0.725161	0.129535	1
cg23637124	0.00346793	0.498252	-2.00701	0.0201047	0.6112	-1.63613	0.032027	0.643359	-1.55434	0.709662	0.936446	-1.06787	3.77076	1.84104	0.433992	1
cg05989100	0.00379162	0.615427	-1.62489	0.905209	0.985301	-1.01492	0.000480313	1.97572	1.97572	0.832597	0.974033	-1.02666	12.8686	3.14897	0.217514	1
cg01377916	0.192818	0.846409	-1.18146	0.102628	0.805672	-1.2412	0.785719	0.967567	-1.03352	0.0985558	1.24504	1.24504	6.30354	1.46137	0.206074	1
cg02139960	0.341028	0.813039	-1.22995	0.273408	1.27181	1.27181	0.164944	0.731622	-1.36683	0.179735	0.74039	-1.35064	4.94034	3.48186	0.626473	1
cg04540406	0.0586	0.474097	-2.10927	0.0217042	0.38187	-2.61869	0.014858	2.84825	2.84825	0.0556761	0.468859	-2.13284	4.63057	8.94967	1.71799	1
cg03266048	0.795761	1.0494	1.0494	0.0082494	1.87385	1.87385	0.0613567	0.675831	-1.47966	0.286305	0.813978	-1.22853	4.50412	2.46465	0.486399	1
cg26646370	0.272072	1.10752	1.10752	0.00800094	1.35473	1.35473	0.357875	1.08813	1.08813	0.72736	1.03176	1.03176	42.9969	5.43372	0.112333	1
cg06065657	0.0773169	0.844895	-1.18358	0.889799	0.988172	-1.01197	0.0380331	0.813503	-1.22925	0.290257	0.910102	-1.09878	3.80666	0.444076	0.103695	1
cg04311510	0.0160947	0.436343	-2.29178	0.000168067	0.16475	-6.06979	2.54E-05	0.0950497	-10.5208	0.000491726	0.215021	-4.65072	25.3962	31.8915	1.11623	1
cg26105956	0.0838855	0.519128	-1.92631	0.0035667	0.258418	-3.8697	0.981737	1.00788	1.00788	0.00217319	0.228924	-4.36826	19.5221	36.3212	1.65379	1
cg26931437	0.239809	1.20773	1.20773	0.0928011	1.32791	1.32791	0.894866	1.02048	1.02048	0.869957	1.02544	1.02544	3.53434	1.31631	0.331052	1
cg18423591	1.82E-06	0.388945	-2.57106	3.20E-06	0.415961	-2.40407	0.00818224	1.30863	1.30863	0.000440082	0.643211	-1.5547	75.1676	7.52189	0.0889496	1
cg01908020	0.00639666	0.561595	-1.78064	2.75E-05	0.260691	-3.83596	0.0189922	0.630107	-1.58703	0.410839	0.872174	-1.14656	12.472	5.224	0.37232	1
cg19084621	0.185872	0.787315	-1.27014	0.303879	1.19906	1.19906	0.138259	1.31269	1.31269	0.253507	1.22544	1.22544	10.7991	4.97096	0.409167	1
cg02710224	0.664201	0.925182	-1.08087	0.0962397	0.722395	-1.38428	0.00196212	0.458797	-2.17961	0.843726	1.03576	1.03576	8.04727	4.03976	0.446226	1
cg24933173	0.193964	0.829137	-1.20607	0.127169	0.798591	-1.25221	0.174311	1.21777	1.21777	0.480986	0.906955	-1.10259	7.77747	2.28961	0.26168	1
cg09690424	0.935183	0.987817	-1.01233	0.643391	1.07278	1.07278	0.311664	0.854076	-1.17086	0.85731	0.973242	-1.02749	7.52305	2.70592	0.319719	1
cg16716316	0.000304733	0.0458334	-21.8181	0.0968684	2.60522	2.60522	0.104863	0.394076	-2.53758	0.699004	1.22648	1.22648	7.30506	31.9389	3.88636	1
cg02708969	0.165885	0.844012	-1.18482	0.000224076	0.494227	-2.02336	0.719339	1.04228	1.04228	0.250383	1.14781	1.14781	5.42345	1.13145	0.185442	1
cg24033558	?	?	?	0.996705	0.997546	-1.00246	0.00625843	0.120044	-8.33026	0.0208213	0.191018	-5.23512	5.30805	23.1521	4.98478	1
cg13580343	0.580056	1.11182	1.11182	0.784165	1.05345	1.05345	0.315138	0.821185	-1.21775	0.987033	0.996922	-1.00309	4.32784	2.4658	0.506448	1
cg01534613	0.428909	1.27546	1.27546	3.51E-05	0.0899769	-11.114	0.823022	0.934736	-1.06982	0.0155947	0.409252	-2.44348	12.0326	17.2985	1.27791	1
cg00954833	0.382609	1.30738	1.30738	4.03E-05	0.0956371	-10.4562	0.5156	1.21816	1.21816	0.846379	0.943591	-1.05978	11.4735	16.283	1.2615	1
cg20526205	0.797046	1.02971	1.02971	0.000150517	0.477414	-2.09462	0.256118	0.873991	-1.14418	0.50138	1.08062	1.08062	10.0912	2.06319	0.181736	1
cg00227355	0.00619336	0.387844	-2.57836	0.000303454	0.2106	-4.74834	0.340988	1.2974	1.2974	0.0130255	0.441554	-2.26473	7.36757	8.21527	0.991164	1
cg03602938	0.293958	0.843265	-1.18587	0.00294073	0.527509	-1.8957	0.0424774	0.69359	-1.44177	0.92148	1.01556	1.01556	7.35077	2.85515	0.345258	1
cg13019513	0.0403339	0.577539	-1.73148	0.285772	0.773397	-1.293	0.686477	0.910233	-1.09862	0.963371	1.0107	1.0107	3.50185	2.97964	0.756332	1
cg06545950	0.948758	1.02803	1.02803	0.439467	1.40373	1.40373	0.421079	1.42406	1.42406	0.166529	1.88597	1.88597	13.2749	38.8933	2.6043	1
cg09079818	0.00113401	0.274441	-3.64377	0.0631385	0.568728	-1.75831	9.69E-05	6.49886	6.49886	0.560071	1.17246	1.17246	11.0007	12.7023	1.02638	1
cg02590556	0.307734	1.26373	1.26373	0.0187558	1.8802	1.8802	0.0375448	1.70736	1.70736	0.00585445	2.22501	2.22501	10.299	8.01662	0.691903	1
cg11742909	0.918135	1.02426	1.02426	0.282239	0.770616	-1.29766	0.0266375	1.84523	1.84523	0.00115501	3.0446	3.0446	7.07972	6.09693	0.765495	1
cg22437161	0.00673878	1.27319	1.27319	0.841579	1.01385	1.01385	0.0132477	1.23499	1.23499	0.0359525	1.18265	1.18265	5.99746	0.449001	0.0665468	1
cg15244043	0.00377466	1.82701	1.82701	0.00372938	0.546634	-1.82938	0.0349425	1.46078	1.46078	0.969468	1.00592	1.00592	5.72472	2.15576	0.334729	1
cg19691563	0.384498	1.45305	1.45305	?	?	?	0.000564468	11.033	11.033	0.253357	1.65095	1.65095	6.61104	13.8944	2.1017	1
cg16642716	0.0996615	1.38728	1.38728	0.0012203	0.423797	-2.35962	0.00936698	1.81799	1.81799	0.202721	0.783521	-1.27629	5.43075	2.83053	0.463293	1
cg18413449	0.917656	1.02618	1.02618	0.103065	0.640387	-1.56156	0.00039348	4.10085	4.10085	0.103723	1.55999	1.55999	5.32029	5.26315	0.879342	1
cg20521696	0.216437	0.589855	-1.69533	0.000907105	7.49324	7.49324	0.662749	0.836864	-1.19494	0.0725874	2.25464	2.25464	4.55875	11.8918	2.31872	1
cg05820448	0.0931805	0.796491	-1.25551	0.225798	0.854948	-1.16966	0.0135439	1.45714	1.45714	0.0430448	1.3322	1.3322	4.3872	1.05471	0.213695	1
cg23687058	0.0855023	1.36389	1.36389	0.0229283	0.64129	-1.55936	0.319033	1.18309	1.18309	0.00362302	1.90177	1.90177	4.09454	1.72853	0.375248	1
cg00577464	0.487984	0.8658	-1.155	0.00890624	0.506283	-1.97518	0.0441796	1.60454	1.60454	0.119549	1.41264	1.41264	3.63931	2.41096	0.588869	1
cg21510892	0.0214366	0.737892	-1.35521	0.00966765	0.697588	-1.43351	0.000265768	1.93206	1.93206	0.481523	1.08187	1.08187	8.33641	1.5972	0.170305	1
cg12329178	0.146436	0.859672	-1.16323	0.581205	0.947391	-1.05553	0.74928	0.969377	-1.03159	0.48974	0.934205	-1.07043	31.115	4.63662	0.132458	1
cg07984168	0.0147651	0.416369	-2.40172	0.00353839	0.315188	-3.17271	0.408964	0.781434	-1.2797	0.109995	0.601253	-1.66319	6.96967	9.41376	1.2006	1
cg20636249	0.353356	0.751258	-1.3311	0.811154	1.07432	1.07432	0.0577458	1.90144	1.90144	0.602007	1.17069	1.17069	5.71056	8.11271	1.2628	1
cg06215691	0.454445	0.807947	-1.2377	0.690255	1.11864	1.11864	0.0452028	1.90236	1.90236	0.00884828	2.54132	2.54132	5.09509	6.32139	1.10283	1
cg00099976	0.665538	0.947932	-1.05493	0.000759696	0.533958	-1.87281	0.601407	1.06695	1.06695	0.623035	1.06281	1.06281	4.60607	1.10275	0.21281	1
cg17830985	0.274773	0.847892	-1.1794	0.149715	0.799098	-1.25141	0.530006	1.09678	1.09678	0.856586	0.974073	-1.02662	3.51669	1.1744	0.296845	1
cg04350645	0.154614	0.624622	-1.60097	0.0355407	0.469589	-2.12952	0.612979	0.854229	-1.17065	0.295925	0.715496	-1.39763	3.47065	5.24455	1.34321	1
cg20621313	0.0039368	0.36399	-2.74733	1.30E-05	0.092074	-10.8608	0.0261706	1.98836	1.98836	0.834224	0.946865	-1.05612	20.8318	22.393	0.955505	1
cg06269673	0.616285	1.08883	1.08883	7.99E-05	0.30116	-3.32049	0.953359	0.990196	-1.0099	0.174643	0.784108	-1.27533	14.5417	6.53482	0.399453	1
cg16094442	0.388946	0.915882	-1.09184	0.000577965	0.588655	-1.69879	0.0288354	1.29241	1.29241	0.00314767	1.49429	1.49429	7.28004	1.14192	0.139428	1
cg11065575	0.0160131	0.264462	-3.78127	0.000338169	0.0738404	-13.5427	0.347852	1.54653	1.54653	0.294133	0.612098	-1.63373	6.04348	19.4772	2.86476	1
cg13587180	0.063588	0.305645	-3.27177	0.00178338	0.0798834	-12.5182	0.2055	2.1363	2.1363	0.773269	1.17841	1.17841	5.99738	30.6787	4.54697	1
cg13813366	0.864963	0.915654	-1.09212	0.0179072	0.225463	-4.43532	0.00692342	6.10621	6.10621	0.0142614	4.78156	4.78156	5.47902	23.2568	3.77307	1
cg16405637	0.767922	0.949566	-1.05311	0.00162721	0.454038	-2.20246	0.705111	0.935674	-1.06875	0.333195	1.19073	1.19073	3.46986	1.6807	0.430554	1
cg22541001	0.0773679	0.29581	-3.38055	0.00737531	0.117421	-8.51634	0.0904042	0.314265	-3.18203	0.117367	0.34814	-2.87241	3.44053	20.9709	5.41801	1
cg03046819	0.224759	0.76325	-1.31019	0.00980493	0.500682	-1.99728	0.0561974	0.632432	-1.5812	0.74868	0.934162	-1.07048	3.44646	2.45037	0.631986	1
cg01765403	0.870378	1.02126	1.02126	0.00734336	0.640716	-1.56075	0.0551055	1.32333	1.32333	0.0769458	1.28836	1.28836	3.47103	0.912304	0.23363	1
cg24273394	0.110789	1.1315	1.1315	0.0212735	1.21755	1.21755	0.0494307	0.852636	-1.17283	0.326713	1.07465	1.07465	8.98336	0.719275	0.0711711	1
cg01140579	0.828225	0.971206	-1.02965	0.000150468	0.416868	-2.39884	0.755656	1.04286	1.04286	0.0101171	0.646463	-1.54688	6.87852	1.96936	0.254494	1
cg05549685	0.14163	0.828061	-1.20764	0.000595946	1.88264	1.88264	0.907592	0.986233	-1.01396	0.919426	1.01215	1.01215	5.98686	1.35133	0.200636	1
cg14494596	0.933942	1.01233	1.01233	0.00260868	0.539986	-1.8519	0.0737892	0.74488	-1.3425	0.563193	0.917249	-1.09022	4.11999	1.42511	0.307468	1
cg13330559	0.848458	1.043	1.043	0.000941352	2.96157	2.96157	0.000112966	4.44817	4.44817	2.52E-08	93.1684	93.1684	63.9273	49.0355	0.681823	1
cg18160402	0.583456	1.09265	1.09265	0.410917	0.874113	-1.14402	2.09E-05	3.94732	3.94732	1.18E-07	14.9846	14.9846	43.8916	17.7987	0.360457	1
cg07527126	0.665911	0.89958	-1.11163	0.649326	0.894471	-1.11798	0.000146681	0.203666	-4.91	1.85E-05	0.119385	-8.37627	28.6406	26.9216	0.835535	1
cg11471805	0.88758	0.969303	-1.03167	0.579729	0.884003	-1.13122	0.260875	1.29494	1.29494	0.000696416	0.319745	-3.12749	17.3567	13.3551	0.683957	1
cg06852293	0.809083	1.04772	1.04772	0.00617544	1.98949	1.98949	0.000227903	0.307361	-3.25351	4.96E-05	0.230563	-4.33721	15.4498	9.07678	0.522224	1
cg10030648	0.0123496	0.499786	-2.00086	0.827739	0.952638	-1.04972	0.000825145	0.325772	-3.06963	0.000168301	0.240366	-4.16032	14.9041	11.7012	0.697867	1
cg25215117	0.49276	1.13649	1.13649	0.743797	1.06208	1.06208	0.156078	0.756773	-1.3214	1.16E-05	0.18148	-5.51025	14.1195	6.70497	0.474873	1
cg24125282	0.499722	0.826952	-1.20926	0.0757295	1.7302	1.7302	0.000796846	0.245428	-4.07452	1.74E-05	0.0872101	-11.4666	13.0374	15.8819	1.08283	1
cg08169394	0.0521157	0.657222	-1.52156	0.399756	0.84894	-1.17794	0.00156611	2.37071	2.37071	5.53E-05	4.15913	4.15913	11.0521	6.31779	0.508122	1
cg02831267	0.209453	1.215	1.215	0.259857	0.841113	-1.1889	0.0107653	1.60271	1.60271	3.02E-05	3.32425	3.32425	10.4604	3.59053	0.305109	1
cg10227024	0.340939	0.743412	-1.34515	0.000512707	0.194229	-5.14857	0.0077091	0.355463	-2.81323	0.00189002	0.264321	-3.78327	9.89332	14.3037	1.28515	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07037251	SHISA6	0.00693162	0.0107141	6.27289	6.27289	0.00680268	7.44606	7.44606	0.1977	2.1805	2.1805	0.0931457	2.87921	2.87921	0.00651073	7.57231	7.57231	0.014569	5.59953	5.59953	0.000859896	17.5556	17.5556	0.0058883	7.8711	7.8711	0.121063	2.61818	2.61818	6.63539	34.448	4.61472	1
cg18811318	SHISA6	0.0167702	0.814439	0.90397	-1.10623	0.245291	0.593419	-1.68515	0.101083	0.462541	-2.16197	0.611924	0.802766	-1.24569	0.0147219	0.275501	-3.62975	0.609117	0.801351	-1.24789	0.0400781	0.361049	-2.76971	0.0104729	0.250683	-3.9891	0.000809943	0.114242	-8.75336	4.99214	14.5788	2.59586	1
cg02855363	SHISA6	0.0289521	0.170618	0.509042	-1.96447	0.576422	1.29843	1.29843	0.102516	2.28591	2.28591	0.115985	0.453596	-2.2046	0.00679995	0.197342	-5.06733	0.421254	1.46256	1.46256	0.734141	1.17087	1.17087	0.226886	0.555942	-1.79875	0.00782478	0.206062	-4.85292	4.13865	14.0358	3.01457	1
cg00627045	SHISA6	0.0375785	0.410063	1.70403	1.70403	0.738698	0.809122	-1.23591	0.514309	1.51953	1.51953	0.267524	0.481535	-2.07669	0.0014323	0.0540923	-18.4869	0.345698	0.540953	-1.84859	0.729468	0.802802	-1.24564	0.581985	0.703453	-1.42156	0.017746	0.161368	-6.19702	3.76847	23.8904	5.63516	1
cg01603559	SHISA7	0.00148754	0.0219647	2.45604	2.45604	0.00534006	3.31965	3.31965	0.0111554	2.82932	2.82932	0.461428	1.2778	1.2778	0.0015842	4.4049	4.4049	0.00159912	4.39482	4.39482	0.000144692	8.49793	8.49793	0.00318664	3.73121	3.73121	0.469145	1.27226	1.27226	10.5048	17.7851	1.50493	1
cg09521703	SHISA7	0.00458201	0.0223271	4.94068	4.94068	0.0109704	6.43882	6.43882	0.0685586	3.28576	3.28576	0.0681001	3.29379	3.29379	0.0137557	5.91259	5.91259	0.0047574	8.91037	8.91037	0.00046911	24.7258	24.7258	0.00210927	12.4608	12.4608	0.033653	4.25319	4.25319	7.53629	40.634	4.79269	1
cg17123690	SHISA7	0.0179914	0.043448	2.95624	2.95624	0.0365208	3.109	3.109	0.041565	2.99446	2.99446	0.198951	1.88428	1.88428	0.256666	1.73776	1.73776	0.0237368	3.52525	3.52525	0.0024761	7.12549	7.12549	0.00298888	6.69177	6.69177	0.0819375	2.45878	2.45878	4.87591	16.8234	3.06694	1
cg13752254	SHISA7	0.0238025	0.011267	0.477599	-2.0938	0.0517796	0.59736	-1.67403	0.266134	0.763587	-1.30961	0.551235	0.869059	-1.15067	0.0463848	0.587935	-1.70087	0.42672	0.827854	-1.20794	0.00203183	0.363202	-2.75329	0.00872123	0.459352	-2.17698	0.286441	0.772838	-1.29393	4.43206	3.80375	0.762877	1
cg13083674	SHISA7	0.0315681	0.603671	0.816194	-1.2252	0.0152189	3.17728	3.17728	0.108965	1.96973	1.96973	0.184752	1.72549	1.72549	0.947357	0.974718	-1.02594	0.00663281	3.92145	3.92145	0.00976913	3.55063	3.55063	0.0337029	2.6165	2.6165	0.453491	1.34465	1.34465	4.01333	9.55929	2.11723	1
cg26709356	SHISA7	0.034109	0.0186799	93.5731	93.5731	0.0132431	132.732	132.732	0.0880706	20.0257	20.0257	0.109653	16.0695	16.0695	0.0653328	26.9523	26.9523	0.0602252	29.2153	29.2153	0.00896364	198.8	198.8	0.0215257	81.1313	81.1313	0.0445043	39.4029	39.4029	3.90333	156.725	35.6904	1
cg01327602	SHISA7	0.0381652	0.0412159	5.23245	5.23245	0.0202534	7.15014	7.15014	0.125041	3.21163	3.21163	0.253775	2.3105	2.3105	0.0437042	5.10027	5.10027	0.0964975	3.60492	3.60492	0.00321064	16.8816	16.8816	0.0301135	6.00254	6.00254	0.149618	2.9612	2.9612	3.74718	29.3046	6.9515	1
cg06282863	SHISA9	0.000237772	0.109925	0.655799	-1.52486	0.0236499	0.519876	-1.92353	0.000410351	0.257041	-3.89043	0.952639	0.985722	-1.01449	0.0314655	0.542865	-1.84208	0.153921	1.44716	1.44716	0.306471	1.29221	1.29221	5.41E-06	0.0827431	-12.0856	0.438076	0.825706	-1.21109	17.5278	16.2745	0.825335	1
cg05017639	SHISA9	0.00340364	0.0854518	1.9455	1.9455	0.379345	1.37121	1.37121	0.375393	0.72727	-1.37501	0.61206	1.19605	1.19605	0.00110489	0.185755	-5.38343	0.0448108	2.23938	2.23938	0.0287129	2.46747	2.46747	0.00126999	0.192838	-5.18571	0.66872	1.16263	1.16263	8.24233	15.9957	1.72505	1
cg04038680	SHISA9	0.00433064	0.472326	1.19892	1.19892	0.0142461	0.472234	-2.11759	0.0711594	0.606397	-1.64908	0.15111	0.682631	-1.46492	0.00272198	0.357996	-2.79333	0.15804	0.687591	-1.45435	0.0879702	0.626688	-1.59569	0.000233046	0.219779	-4.55002	0.00947741	0.442283	-2.261	7.66634	7.47799	0.86705	1
cg07794367	SHISA9	0.00597162	0.0118501	0.462376	-2.16274	0.000847979	0.291866	-3.42623	0.197902	0.715964	-1.39672	0.239731	0.739155	-1.3529	0.00232277	0.351949	-2.84132	0.0631214	0.598577	-1.67063	0.00161186	0.329482	-3.03507	0.0501181	0.577879	-1.73047	0.134328	0.672745	-1.48645	6.94932	6.63445	0.848614	1
cg07631533	SHISA9	0.00611255	0.0061367	0.179682	-5.56538	0.00194877	0.122053	-8.19318	0.0349412	0.307324	-3.25389	0.0958343	0.415571	-2.40633	0.00492899	0.167309	-5.97695	0.33431	0.620013	-1.61287	0.00137969	0.107857	-9.27157	0.0118542	0.221321	-4.51833	0.0365389	0.311457	-3.21072	6.89944	25.1819	3.24432	1
cg07844819	SHISA9	0.0123993	0.15554	0.565676	-1.7678	0.00421344	0.237709	-4.20682	0.0154697	0.328354	-3.04549	0.0665917	0.462473	-2.16229	0.763034	0.892826	-1.12004	0.0109487	0.302062	-3.31058	0.727187	0.876947	-1.14032	0.00116758	0.167476	-5.97099	0.280175	0.656476	-1.52329	5.51453	12.2757	1.97873	1
cg01427630	SHISA9	0.0188608	0.0394021	0.404447	-2.47251	0.230713	0.62026	-1.61223	0.0655317	0.45604	-2.19279	0.683592	0.85585	-1.16843	0.0210064	0.348312	-2.87099	0.0544599	0.436538	-2.29075	0.0179021	0.335179	-2.98348	0.000860835	0.149447	-6.69136	0.151531	0.557815	-1.79271	4.79897	10.9676	2.03148	1
cg09229683	SHISA9;SHISA9	0.000495859	0.469122	0.779278	-1.28324	0.00830453	3.13463	3.13463	0.00453553	3.59812	3.59812	0.000134972	9.37861	9.37861	0.762645	0.902522	-1.10801	0.00121978	4.96564	4.96564	0.664511	1.15923	1.15923	7.69E-05	11.3066	11.3066	0.989269	1.00456	1.00456	14.3235	26.0098	1.61411	1
cg08528231	SHISA9;SHISA9	0.00111451	0.0175462	1.38488	1.38488	0.0049455	0.65749	-1.52093	0.00609785	0.668097	-1.49679	0.00353549	0.64052	-1.56123	0.12068	0.827277	-1.20878	0.381462	1.10642	1.10642	0.0816788	1.24281	1.24281	0.000543394	1.83236	1.83236	0.827258	1.02493	1.02493	11.4096	2.29346	0.178676	1
cg01835308	SHISA9;SHISA9	0.0013031	0.25341	0.832038	-1.20187	0.0237767	1.52962	1.52962	0.0170147	1.58402	1.58402	0.300097	1.17979	1.17979	0.00254323	0.508242	-1.96757	0.882406	1.02293	1.02293	0.0103935	0.598768	-1.6701	0.00024247	2.75076	2.75076	0.0241055	1.52746	1.52746	13.1815	4.79245	0.28278	1
cg08280468	SHISA9;SHISA9	0.00244852	0.316057	0.729886	-1.37008	0.00158138	3.96662	3.96662	0.950364	1.01909	1.01909	0.259216	0.699396	-1.4298	0.202489	0.6645	-1.50489	0.17735	0.646946	-1.54572	0.0223441	0.435389	-2.2968	0.000358401	5.69421	5.69421	0.179609	0.64859	-1.54181	9.08749	13.2796	1.29894	1
cg04613834	SHISA9;SHISA9	0.00410395	0.42787	0.879531	-1.13697	0.402276	1.14561	1.14561	0.457412	1.12751	1.12751	0.82033	0.964567	-1.03673	0.0784534	1.3634	1.3634	0.524292	1.10775	1.10775	0.0025441	0.514739	-1.94273	0.00035646	2.48152	2.48152	0.0430956	1.4464	1.4464	7.79196	3.10354	0.354045	1
cg15282819	SHISA9;SHISA9	0.00570429	0.193754	0.718578	-1.39164	0.00578086	2.38475	2.38475	0.432596	1.21225	1.21225	0.429565	0.823819	-1.21386	0.219759	1.36361	1.36361	0.0605055	0.601272	-1.66314	0.00146112	0.331367	-3.01781	0.0122461	2.11702	2.11702	0.533976	0.859511	-1.16345	7.0481	6.44806	0.813213	1
cg21432375	SHISA9;SHISA9	0.0124408	0.755068	0.921722	-1.08493	0.099397	1.60071	1.60071	0.0241188	2.01477	2.01477	0.00133689	3.3687	3.3687	0.923728	1.02526	1.02526	0.00493759	2.63735	2.63735	0.490518	0.833251	-1.20012	0.0298936	1.94546	1.94546	0.825451	0.944092	-1.05922	5.50855	5.91891	0.955107	1
cg04557544	SHISA9;SHISA9	0.0232657	0.99021	0.996627	-1.00338	0.116382	1.59975	1.59975	0.788365	1.0769	1.0769	0.0649209	0.56508	-1.76966	0.759946	0.91907	-1.08806	0.0133005	0.429702	-2.32719	0.0035671	0.337169	-2.96587	0.0968766	1.65174	1.65174	0.942951	1.0199	1.0199	4.46712	5.36494	1.06754	1
cg26752526	SHISA9;SHISA9	0.0349605	0.852025	0.89984	-1.11131	0.0502959	3.52943	3.52943	0.0373982	3.91635	3.91635	0.0114326	5.98236	5.98236	0.35619	0.584872	-1.70978	0.0118402	5.90615	5.90615	0.719462	0.815586	-1.22611	0.0393784	3.84599	3.84599	0.842949	1.11864	1.11864	3.86871	19.5717	4.49686	1
cg00765783	SHISA9;SHISA9	0.0400512	0.92191	0.979664	-1.02076	0.0516842	0.628756	-1.59044	0.374723	1.21035	1.21035	0.212449	1.31676	1.31676	0.360461	0.821196	-1.21774	0.472304	0.857973	-1.16554	0.0169713	0.543323	-1.84053	0.00995659	1.9779	1.9779	0.731815	1.07474	1.07474	3.6814	2.55987	0.61809	1
cg18578405	SHISA9;SHISA9	0.0423533	0.432189	1.45517	1.45517	0.488376	1.38984	1.38984	0.112057	2.26589	2.26589	0.0640974	2.68754	2.68754	?	?	?	0.0275306	0.286842	-3.48624	0.55755	0.757913	-1.31941	0.00861856	5.08012	5.08012	0.987436	1.00737	1.00737	3.98689	11.9584	2.62451	1
cg08330224	SHISA9;SHISA9	0.0474271	0.136037	0.606733	-1.64817	0.238961	1.46758	1.46758	0.862863	1.05525	1.05525	0.874428	1.05042	1.05042	0.646385	0.866155	-1.15453	0.367769	0.749932	-1.33345	0.384076	0.757592	-1.31997	0.0017211	4.02044	4.02044	0.532655	0.821535	-1.21723	3.4566	5.29681	1.36211	1
cg02482218	SHISA9;SHISA9;SHISA9;SHISA9	0.0078054	0.548667	0.870447	-1.14884	0.25973	0.764302	-1.30838	0.576774	0.879057	-1.13758	0.565943	0.875758	-1.14187	0.109893	0.67138	-1.48947	0.0708098	0.630319	-1.5865	0.00233607	0.378522	-2.64185	0.00117811	2.96871	2.96871	0.634455	1.11573	1.11573	6.39346	5.2928	0.735864	1
cg27372422	SHKBP1	0.000151216	0.365842	0.931211	-1.07387	0.0184335	1.24522	1.24522	6.08E-05	0.566697	-1.76461	0.00294733	0.731128	-1.36775	0.406364	1.06733	1.06733	0.517156	1.05167	1.05167	0.828202	1.01681	1.01681	0.810853	0.981776	-1.01856	1.20E-05	0.491633	-2.03404	19.8138	1.84651	0.0828387	1
cg22960135	SHKBP1	0.00351322	0.00012707	0.354119	-2.82391	0.494104	0.897536	-1.11416	0.0612371	1.38867	1.38867	0.0947868	0.751383	-1.33088	0.0692293	1.37226	1.37226	0.117345	1.30318	1.30318	0.155213	0.789154	-1.26718	0.58891	0.918568	-1.08865	0.370009	1.1541	1.1541	8.16459	3.13392	0.341194	1
cg04748673	SHKBP1	0.00491304	0.107792	0.893361	-1.11937	0.406944	0.946948	-1.05602	0.0128109	1.21975	1.21975	0.4042	0.946632	-1.05638	0.0293458	0.847962	-1.1793	0.489762	0.955918	-1.04612	0.000219725	0.6732	-1.48544	0.722685	1.02316	1.02316	0.0654173	0.875565	-1.14212	7.37799	0.48247	0.0581273	1
cg12187069	SHKBP1	0.0262078	0.977039	0.993527	-1.00652	0.7636	1.07043	1.07043	0.863762	0.961989	-1.03951	0.658805	0.904591	-1.10547	0.301924	1.27294	1.27294	0.572634	1.13728	1.13728	0.000679311	0.309802	-3.22786	0.769811	0.935934	-1.06845	0.0719149	1.57355	1.57355	4.28613	3.45636	0.716804	1
cg26738904	SHKBP1	0.0352497	0.0165598	0.38959	-2.5668	0.181495	0.633305	-1.57902	0.862828	1.05727	1.05727	0.352639	0.734899	-1.36073	?	?	?	0.00787447	0.333551	-2.99804	0.0147292	0.380319	-2.62937	0.433554	1.29351	1.29351	0.124561	0.585359	-1.70835	3.91973	5.72318	1.4601	1
cg07989796	SHKBP1	0.0411537	0.00422338	0.482851	-2.07103	0.132644	1.36124	1.36124	0.187112	1.30441	1.30441	0.338249	0.828926	-1.20638	0.683963	0.925163	-1.08089	0.0752746	0.686307	-1.45707	0.274487	0.805647	-1.24124	0.669323	0.92159	-1.08508	0.119787	1.37823	1.37823	3.64469	2.08522	0.508556	1
cg02997982	SHKBP1;SPTBN4	0.000944364	0.130155	0.64118	-1.55962	0.114591	0.627161	-1.59449	0.00667653	0.384133	-2.60327	0.195959	0.689505	-1.45032	8.83E-06	0.0727081	-13.7536	0.23817	0.714687	-1.39921	0.0475465	0.540023	-1.85177	0.294752	0.744212	-1.3437	0.252657	0.722639	-1.38382	11.9589	13.9995	1.04057	1
cg23575107	SHMT1;SHMT1	1.09E-05	0.306448	0.814699	-1.22745	0.368897	0.836422	-1.19557	0.0100774	0.533397	-1.87478	0.587237	1.11192	1.11192	1.58E-07	0.0426484	-23.4476	0.931624	1.01675	1.01675	0.122117	1.38307	1.38307	3.98E-05	0.218671	-4.57308	0.937597	0.984959	-1.01527	39.6933	23.5509	0.527397	1
cg04381380	SHMT1;SHMT1	0.00791857	0.00544374	0.535497	-1.86743	0.00940668	0.569901	-1.75469	0.0049529	0.529645	-1.88806	0.864642	1.02957	1.02957	0.000972573	0.432463	-2.31234	0.603525	0.9144	-1.09361	0.153962	0.770521	-1.29782	0.790362	0.955513	-1.04656	0.665898	1.07702	1.07702	6.3646	2.94052	0.410677	1
cg08335779	SHMT1;SHMT1	0.0377603	0.228687	0.804485	-1.24303	0.975224	1.00536	1.00536	0.0654685	0.700441	-1.42767	0.512451	0.8919	-1.1212	0.258778	1.22495	1.22495	0.530175	0.896275	-1.11573	0.00240451	0.482806	-2.07123	0.111731	1.34755	1.34755	0.335248	1.18663	1.18663	3.76183	1.76681	0.417482	1
cg06868473	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0024239	0.00907007	0.548042	-1.82468	0.26721	0.810885	-1.23322	0.359343	0.842886	-1.1864	0.00588938	0.520207	-1.92231	0.821283	1.04189	1.04189	0.020546	1.65873	1.65873	0.0116821	0.564691	-1.77088	0.000219851	0.327336	-3.05497	0.0670782	0.689198	-1.45096	9.11453	4.74797	0.463043	1
cg23588553	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.00494277	0.689422	0.958431	-1.04337	0.0464387	1.27261	1.27261	0.686581	0.958034	-1.0438	0.0164948	0.733719	-1.36292	0.00361448	1.51632	1.51632	0.953635	1.00616	1.00616	0.00109292	0.601014	-1.66385	0.0902513	0.820931	-1.21813	0.53106	1.06936	1.06936	7.36442	1.30288	0.157258	1
cg12988522	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0480133	0.162313	0.574681	-1.7401	0.730084	1.13723	1.13723	0.28204	1.51451	1.51451	0.543427	0.79583	-1.25655	0.0104832	0.302365	-3.30726	0.170284	0.581423	-1.71992	0.539609	1.25934	1.25934	0.2761	1.52297	1.52297	0.00990194	0.298216	-3.35328	3.44061	7.51265	1.94091	1
cg19535267	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0498365	0.096012	0.295374	-3.38554	0.98312	1.01421	1.01421	0.615785	1.40152	1.40152	0.133561	0.339755	-2.9433	0.00588989	0.0903597	-11.0669	0.875262	1.11049	1.11049	0.00710177	0.0982509	-10.178	0.404314	0.565938	-1.76698	0.200481	0.40571	-2.46481	3.39235	23.9119	6.26557	1
cg02773601	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0344829	0.504129	0.908991	-1.10012	0.0363737	1.40838	1.40838	0.00969984	1.58501	1.58501	0.0477416	0.727127	-1.37528	0.899694	0.982406	-1.01791	0.63647	1.06931	1.06931	0.0278065	0.693491	-1.44198	0.940532	0.989553	-1.01056	0.548661	0.91812	-1.08918	3.888	1.2201	0.278945	1
cg01763913	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0372415	0.743215	1.03701	1.03701	0.605644	1.05927	1.05927	0.108788	1.21333	1.21333	0.778601	0.969321	-1.03165	0.952205	1.00665	1.00665	0.0258581	0.746401	-1.33976	0.00290994	0.636137	-1.57199	0.70689	0.959097	-1.04265	0.184538	1.16835	1.16835	3.78088	0.731862	0.172061	1
cg11350278	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0465425	0.00866636	0.641996	-1.55764	0.943646	1.00941	1.00941	0.889598	0.981773	-1.01857	0.636941	0.938973	-1.06499	0.476514	1.10063	1.10063	0.484028	0.910102	-1.09878	0.155329	0.81759	-1.22311	0.0358961	0.723757	-1.38168	0.0242273	1.42737	1.42737	3.48121	0.967193	0.246962	1
cg09215553	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0281185	0.0883721	0.37679	-2.654	0.0807729	2.73278	2.73278	0.158399	2.18753	2.18753	0.441403	0.665286	-1.50311	0.866185	0.916169	-1.0915	0.00164141	0.0962755	-10.3869	0.11763	0.413851	-2.41633	0.897641	1.0691	1.0691	0.48322	0.690784	-1.44763	4.18155	17.849	3.79422	1
cg21022395	SHOC2	0.000527367	0.0984236	0.746972	-1.33874	0.947407	1.01068	1.01068	0.683566	0.936164	-1.06819	0.74942	0.949726	-1.05294	0.000109658	0.334109	-2.99303	0.0107913	0.597205	-1.67447	0.000614973	0.427875	-2.33713	0.000627154	2.33112	2.33112	0.140717	0.77487	-1.29054	14.0807	5.77801	0.364756	1
cg18261804	SHOC2;RPL13AP6	0.002286	0.0549827	1.22652	1.22652	0.528337	0.941818	-1.06178	0.620788	0.954284	-1.04791	0.0869178	0.83745	-1.1941	0.173562	0.872964	-1.14552	0.00509448	0.706558	-1.41531	0.000424635	1.68834	1.68834	0.0119798	0.74517	-1.34197	0.0263612	0.781048	-1.28033	9.27257	1.29298	0.123948	1
cg15726154	SHOX2;SHOX2;SHOX2	2.84E-06	0.00230657	0.571958	-1.74838	0.000406992	0.478531	-2.08973	0.346356	1.13568	1.13568	2.79E-06	4.36527	4.36527	0.000101548	0.405187	-2.468	0.00163311	0.553225	-1.80758	4.21E-05	0.359743	-2.77977	3.01E-06	4.30237	4.30237	0.874362	1.02098	1.02098	56.154	15.3082	0.242321	1
cg21437028	SHOX2;SHOX2;SHOX2	1.34E-05	0.226316	1.12818	1.12818	0.00637093	0.713863	-1.40083	0.0354524	0.79134	-1.26368	0.000282678	0.569353	-1.75638	0.108066	0.846671	-1.1811	0.035268	0.792338	-1.26209	8.04E-06	0.395792	-2.52658	2.14E-06	3.01791	3.01791	0.799033	1.02452	1.02452	37.6275	5.37059	0.126872	1
cg12993163	SHOX2;SHOX2;SHOX2	2.42E-05	0.502542	0.843709	-1.18524	0.821751	0.945203	-1.05797	6.96E-05	6.13599	6.13599	0.374049	1.25594	1.25594	0.647098	0.891262	-1.122	0.749677	0.923165	-1.08323	0.00796163	0.427568	-2.33881	5.32E-07	32.5635	32.5635	0.747022	0.92235	-1.08419	32.2118	31.8205	0.878091	1
cg14961949	SHOX2;SHOX2;SHOX2	8.17E-05	0.633638	0.874612	-1.14336	0.205884	0.689129	-1.45111	0.554513	1.18152	1.18152	0.353458	1.30524	1.30524	0.379287	1.28617	1.28617	0.879454	1.04326	1.04326	0.200124	0.68548	-1.45883	6.92E-07	42.9789	42.9789	0.562707	1.17738	1.17738	23.3695	28.815	1.09601	1
cg00089486	SHOX2;SHOX2;SHOX2	0.000260029	0.49976	0.862302	-1.15969	0.853543	0.960824	-1.04077	0.00249064	2.48167	2.48167	3.02E-05	5.84121	5.84121	0.0726891	1.54193	1.54193	0.28392	1.2722	1.2722	0.45292	0.847591	-1.17981	2.89E-05	5.90123	5.90123	0.702168	1.08664	1.08664	17.1056	12.6704	0.658415	1
cg03458172	SHOX2;SHOX2;SHOX2	0.000501269	0.974425	1.00675	1.00675	0.172059	1.35668	1.35668	0.10986	1.44157	1.44157	0.000301511	3.43213	3.43213	0.526184	1.14428	1.14428	0.510381	0.869261	-1.1504	0.0384877	0.604636	-1.65389	1.97E-05	6.14612	6.14612	0.0632948	1.55004	1.55004	14.2805	9.95959	0.619935	1
cg21552242	SHOX2;SHOX2;SHOX2	0.00149099	0.0142086	0.607413	-1.64633	0.0283448	1.532	1.532	0.0107552	1.69584	1.69584	0.00817605	0.572468	-1.74682	0.281508	1.20258	1.20258	0.308592	0.840565	-1.18968	0.000400377	0.395276	-2.52988	0.0196812	1.591	1.591	0.249402	0.820038	-1.21946	10.4978	4.51619	0.382404	1
cg25460158	SHOX2;SHOX2;SHOX2	0.00158915	0.048588	1.89259	1.89259	0.359871	0.766002	-1.30548	0.14321	1.56127	1.56127	0.183574	0.670636	-1.49112	0.126785	0.626453	-1.59629	0.574597	0.851639	-1.17421	0.040219	0.511098	-1.95657	6.99E-05	7.81354	7.81354	0.0129026	2.39678	2.39678	10.3066	13.0893	1.12888	1
cg25694447	SHOX2;SHOX2;SHOX2	0.00167115	0.00178392	4.47459	4.47459	0.00439954	3.60141	3.60141	0.596581	0.835258	-1.19724	0.760955	0.902286	-1.1083	0.707795	0.880836	-1.13528	0.357904	0.727167	-1.3752	0.288669	0.689922	-1.44944	9.81E-05	10.2964	10.2964	0.122533	1.75751	1.75751	10.158	18.2689	1.59865	1
cg21847036	SHOX2;SHOX2;SHOX2	0.00207367	0.00371168	0.593037	-1.68624	0.104799	0.789565	-1.26652	0.109582	0.792545	-1.26176	0.00235854	0.568121	-1.76019	0.0565525	1.33336	1.33336	0.00241799	0.569485	-1.75597	0.00035831	0.466139	-2.14528	0.984667	1.00256	1.00256	0.308831	0.869027	-1.15071	9.54074	2.68426	0.250086	1
cg16703882	SHOX2;SHOX2;SHOX2	0.00210779	0.242975	0.612512	-1.63262	0.00774066	3.94461	3.94461	0.0649522	2.29668	2.29668	0.312784	0.65778	-1.52026	0.156989	0.544841	-1.8354	0.404007	0.709937	-1.40858	0.211505	0.589735	-1.69568	7.55E-05	17.8393	17.8393	0.695512	1.17094	1.17094	9.4954	24.2056	2.26595	1
cg21503297	SHOX2;SHOX2;SHOX2	0.00246799	0.704682	1.07009	1.07009	0.137616	0.752416	-1.32905	0.265101	1.22952	1.22952	0.269701	1.22689	1.22689	0.185398	0.778921	-1.28383	0.369712	0.848834	-1.17809	0.0787094	0.706524	-1.41538	5.09E-05	3.85865	3.85865	0.332663	1.19458	1.19458	9.06635	4.5449	0.445594	1
cg17191178	SHOX2;SHOX2;SHOX2	0.00254028	0.0259353	3.09424	3.09424	0.900263	0.947841	-1.05503	0.168636	1.8714	1.8714	0.656916	1.21045	1.21045	0.536307	0.765258	-1.30675	0.312225	0.639785	-1.56303	0.173432	0.538584	-1.85672	4.33E-05	27.5783	27.5783	0.726318	1.16199	1.16199	8.98963	25.9876	2.56964	1
cg00010946	SHOX2;SHOX2;SHOX2	0.00288063	0.247109	0.740767	-1.34995	0.0259517	0.51921	-1.926	0.0744393	0.61091	-1.6369	0.00356935	2.66126	2.66126	0.01872	0.493386	-2.02681	0.0215338	0.50433	-1.98283	0.00102605	0.299219	-3.34203	0.147494	1.47014	1.47014	0.0377368	0.550171	-1.81762	8.66185	8.43407	0.865514	1
cg15548431	SHOX2;SHOX2;SHOX2	0.00372604	0.00243579	2.5662	2.5662	0.00108501	2.93679	2.93679	0.0500941	1.64708	1.64708	0.695206	1.09194	1.09194	0.402203	1.21108	1.21108	0.0980599	0.666734	-1.49985	0.244842	0.762045	-1.31226	0.00151675	2.77399	2.77399	0.617472	1.11905	1.11905	8.0219	6.33943	0.702459	1
cg17619405	SHOX2;SHOX2;SHOX2	0.00463201	0.122877	0.589626	-1.69599	0.0161393	0.394469	-2.53506	0.0520376	0.497329	-2.01074	0.599614	1.18223	1.18223	0.000580402	0.18606	-5.3746	0.0202538	0.412845	-2.42221	0.00128852	0.227082	-4.40369	0.639398	1.16083	1.16083	0.0219289	0.419437	-2.38415	7.51148	11.8814	1.40601	1
cg26129769	SHOX2;SHOX2;SHOX2	0.00547923	0.00324313	4.73156	4.73156	0.00988671	3.53204	3.53204	0.646844	1.19552	1.19552	0.758315	1.12691	1.12691	0.349878	1.45138	1.45138	0.435936	0.735138	-1.36029	0.196991	0.589765	-1.69559	0.000351905	9.23472	9.23472	0.259575	1.57664	1.57664	7.13584	16.9372	2.10982	1
cg00591153	SHOX2;SHOX2;SHOX2	0.00563634	0.0737559	0.608913	-1.64227	0.140295	1.48416	1.48416	0.354508	0.788942	-1.26752	0.439079	0.821677	-1.21702	0.154948	1.46057	1.46057	0.224136	1.37413	1.37413	0.47559	0.834809	-1.19788	0.000178582	4.85427	4.85427	0.0485504	1.75208	1.75208	7.07413	6.93965	0.871991	1
cg01557547	SHOX2;SHOX2;SHOX2	0.00705926	0.522288	1.31496	1.31496	0.321554	1.54094	1.54094	0.173947	1.84176	1.84176	0.82924	1.09548	1.09548	0.000258081	0.0789309	-12.6693	0.877068	0.936732	-1.06754	0.923512	1.04138	1.04138	0.0104315	3.90201	3.90201	0.888726	1.06089	1.06089	6.59775	18.628	2.50967	1
cg24317285	SHOX2;SHOX2;SHOX2	0.00901457	0.0863045	0.602084	-1.6609	0.636294	1.13603	1.13603	0.00446386	2.76034	2.76034	0.119093	0.63579	-1.57285	0.112448	0.629602	-1.5883	0.512882	0.837212	-1.19444	0.0907257	0.607161	-1.64701	0.0021651	3.16589	3.16589	0.825341	1.06096	1.06096	6.10924	6.93578	1.00915	1
cg20501518	SHOX2;SHOX2;SHOX2	0.00922064	0.839091	0.94408	-1.05923	0.0824279	0.580141	-1.72372	0.0544468	1.85449	1.85449	0.698035	1.11666	1.11666	0.132904	0.631987	-1.58231	0.858346	0.950693	-1.05186	0.036845	0.503453	-1.98628	0.000551215	4.56353	4.56353	0.617737	0.867273	-1.15304	6.06554	7.6952	1.12771	1
cg00303223	SHOX2;SHOX2;SHOX2	0.0119575	0.0053828	2.12956	2.12956	0.0519276	1.5781	1.5781	0.290989	0.79768	-1.25363	0.50356	0.869332	-1.15031	0.426341	0.845729	-1.18241	0.0138188	0.533827	-1.87327	0.00562384	0.472466	-2.11655	0.909282	0.976761	-1.02379	0.651616	0.910498	-1.0983	5.57992	3.76067	0.599081	1
cg25506747	SHOX2;SHOX2;SHOX2	0.0120883	0.183651	0.647252	-1.54499	0.632232	1.16032	1.16032	0.491041	0.805966	-1.24075	0.27084	1.42411	1.42411	0.747518	0.905193	-1.10474	0.18711	0.649726	-1.53911	0.0154124	0.399794	-2.50129	0.000722715	4.88477	4.88477	0.334169	0.735522	-1.35958	5.56025	8.37506	1.33888	1
cg09220088	SHOX2;SHOX2;SHOX2	0.012398	0.0356494	0.408676	-2.44692	0.00322497	0.22977	-4.35217	0.903325	1.04547	1.04547	0.14368	0.562736	-1.77703	0.085866	0.499257	-2.00298	0.101181	0.518483	-1.92871	0.0182191	0.350306	-2.85465	0.0123138	3.12884	3.12884	0.816229	0.918338	-1.08892	5.51472	11.6964	1.88528	1
cg05401764	SHOX2;SHOX2;SHOX2	0.022953	0.00188982	0.0305507	-32.7325	0.257004	2.29245	2.29245	0.782484	0.82591	-1.21079	?	?	?	?	?	?	0.638882	1.38709	1.38709	?	?	?	0.232655	2.40906	2.40906	0.298599	0.470646	-2.12474	6.0342	28.9303	4.79438	1
cg12315391	SHOX2;SHOX2;SHOX2	0.0284671	0.103575	0.33284	-3.00444	0.108028	2.95538	2.95538	0.0194525	5.73004	5.73004	0.0626129	3.65043	3.65043	0.16567	0.401053	-2.49344	0.373695	1.75824	1.75824	0.120115	0.35276	-2.83479	0.0145616	6.42124	6.42124	0.61808	1.36427	1.36427	4.16343	25.1818	5.3763	1
cg25977493	SHOX2;SHOX2;SHOX2;SHOX2;SHOX2;SHOX2	0.000162111	0.892866	0.957736	-1.04413	0.000906626	4.90606	4.90606	0.000133333	8.34983	8.34983	0.945864	0.978473	-1.022	0.081054	0.538008	-1.85871	0.00135846	4.43885	4.43885	0.0877323	0.54663	-1.82939	1.86E-05	16.3521	16.3521	0.104354	1.76643	1.76643	19.4453	31.6283	1.4458	1
cg06156376	SHOX2;SHOX2;SHOX2;SHOX2;SHOX2;SHOX2	0.000177015	0.798937	0.951153	-1.05136	0.00109423	2.57273	2.57273	0.000210176	3.37425	3.37425	0.805764	1.04952	1.04952	0.0512422	0.646919	-1.54579	0.00279097	2.24479	2.24479	0.000914972	0.3782	-2.6441	9.76E-05	3.89067	3.89067	0.0654867	1.50024	1.50024	18.9887	11.5769	0.541934	1
cg12570250	SHPK	0.000217459	5.03E-05	0.234093	-4.27181	0.00224531	0.441732	-2.26382	0.0233838	0.596086	-1.67761	0.0993854	0.708236	-1.41196	1.45E-05	0.178766	-5.5939	0.882769	1.02858	1.02858	0.0472318	0.648148	-1.54286	0.453669	0.864343	-1.15695	0.000953013	0.390465	-2.56105	17.9586	10.3753	0.513544	1
cg23393196	SHPK	0.0200792	0.0128192	1.26507	1.26507	0.269474	0.916243	-1.09141	0.00843953	0.774261	-1.29155	0.212085	1.10515	1.10515	0.888986	1.01068	1.01068	0.0177446	1.24521	1.24521	0.811237	0.981965	-1.01837	0.273498	1.09055	1.09055	0.146611	0.888239	-1.12582	4.69825	0.430532	0.0814549	1
cg12419451	SHPK;CTNS;CTNS	0.000648065	0.195503	0.89147	-1.12174	0.0138303	1.29084	1.29084	1.58E-05	2.11316	2.11316	0.347599	1.08454	1.08454	0.0507824	1.20532	1.20532	0.0715983	0.844661	-1.18391	0.0457543	0.825159	-1.21189	0.142012	1.14165	1.14165	0.692836	1.03388	1.03388	13.2947	1.4827	0.0991337	1
cg06708562	SHPRH;SHPRH	0.000998656	0.753808	1.03202	1.03202	0.232046	0.881991	-1.1338	0.661487	0.956817	-1.04513	0.735523	0.966603	-1.03455	0.615763	0.950567	-1.052	0.972864	0.996598	-1.00341	0.000356062	0.563106	-1.77587	9.11E-05	2.01502	2.01502	0.0394151	1.26963	1.26963	11.771	1.87127	0.141309	1
cg03008584	SHPRH;SHPRH	0.0107715	0.888629	1.02786	1.02786	0.0539699	0.651152	-1.53574	0.230687	0.781465	-1.27965	0.594778	1.11103	1.11103	0.00706375	0.505223	-1.97932	0.0376438	0.623196	-1.60463	0.00105064	0.386472	-2.58751	0.148271	1.35543	1.35543	0.0633272	0.663967	-1.5061	5.77138	3.51535	0.541422	1
cg15443174	SHPRH;SHPRH	0.0143396	0.175966	0.886576	-1.12794	0.091599	1.16815	1.16815	0.0494163	1.20637	1.20637	0.931296	0.992811	-1.00724	0.723193	1.0302	1.0302	0.0838214	1.17361	1.17361	0.00595764	0.740187	-1.35101	0.00929196	0.758716	-1.31802	0.19562	1.12133	1.12133	5.25826	0.583002	0.0985542	1
cg11387577	SHPRH;SHPRH	0.0304998	0.00172065	0.47406	-2.10944	0.878452	1.02586	1.02586	0.217578	0.805379	-1.24165	0.673867	0.931808	-1.07318	0.129185	0.760654	-1.31466	0.1875	0.79209	-1.26248	0.00498171	0.537816	-1.85937	0.275318	0.827479	-1.20849	0.122573	0.7564	-1.32205	4.0629	1.79157	0.391963	1
cg00571935	SHPRH;SHPRH	0.0305623	?	?	?	0.557778	1.29026	1.29026	0.144452	2.13983	2.13983	?	?	?	?	?	?	?	?	?	0.00754403	12.2005	12.2005	?	?	?	0.0237968	5.20224	5.20224	13.0745	13.0802	0.750328	1
cg12989205	SHPRH;SHPRH;SHPRH;SHPRH	0.0364052	0.656548	0.943157	-1.06027	0.37242	1.1272	1.1272	0.00420313	1.65089	1.65089	0.53064	0.9203	-1.0866	0.0944016	0.786296	-1.27179	0.365898	1.12916	1.12916	0.0372436	0.728927	-1.37188	0.141302	0.813143	-1.2298	0.586405	1.07448	1.07448	3.81229	1.03235	0.240707	1
cg24248486	SHQ1	0.00435214	0.563359	1.11726	1.11726	0.00163689	2.35387	2.35387	0.628359	0.911583	-1.09699	0.582093	1.11125	1.11125	0.671908	1.08421	1.08421	0.731124	1.06766	1.06766	0.000516225	0.357612	-2.79633	0.0850843	0.696735	-1.43527	0.062122	0.671257	-1.48974	7.65485	4.36708	0.50711	1
cg23870282	SHQ1	0.0150401	0.1432	0.775481	-1.28952	0.113739	1.32064	1.32064	0.000417905	2.47021	2.47021	0.626444	0.923784	-1.0825	0.106326	1.3298	1.3298	0.264432	1.20682	1.20682	0.478557	1.12349	1.12349	0.343116	0.853979	-1.17099	0.955311	1.0091	1.0091	5.17612	2.14133	0.367728	1
cg18720486	SHQ1	0.0181903	0.983918	1.00359	1.00359	0.993524	1.00144	1.00144	0.781203	0.951727	-1.05072	0.00125936	0.433162	-2.30861	0.0184929	0.601901	-1.6614	0.570116	1.10736	1.10736	0.0766959	1.41886	1.41886	0.110451	1.36218	1.36218	0.648357	0.921651	-1.08501	4.85791	2.42935	0.444517	1
cg04777971	SHQ1	0.019837	0.44652	1.28687	1.28687	0.168677	1.61084	1.61084	0.00325579	3.68459	3.68459	0.506855	1.24471	1.24471	0.707631	0.884737	-1.13028	0.0121463	0.362012	-2.76234	0.0370456	0.455176	-2.19695	0.490897	0.796564	-1.25539	0.544887	1.2204	1.2204	4.71766	7.89467	1.48749	1
cg22252450	SHQ1	0.0249596	0.0116123	0.370485	-2.69917	0.00352968	0.287982	-3.47244	0.189812	0.645929	-1.54816	0.473269	0.794878	-1.25805	0.122099	0.590156	-1.69447	0.312583	0.719823	-1.38923	0.0288522	0.44437	-2.25038	0.0837776	0.54757	-1.82625	0.00548017	0.316811	-3.15645	4.35969	6.83933	1.39446	1
cg07890514	SHQ1	0.0416509	0.151373	1.1479	1.1479	0.18117	0.880406	-1.13584	0.0314917	0.797458	-1.25398	0.0476738	0.816123	-1.22531	0.0190286	1.29009	1.29009	0.18367	1.13492	1.13492	0.97071	1.0033	1.0033	0.219441	1.12285	1.12285	0.825494	0.980382	-1.02001	3.62853	0.462626	0.11333	1
cg14917700	SHQ1	0.0418573	0.655692	1.21048	1.21048	0.985506	1.00776	1.00776	0.269462	0.612928	-1.63151	0.366997	0.674037	-1.4836	0.207115	1.76173	1.76173	0.549994	0.773023	-1.29362	0.405263	0.695966	-1.43685	0.00112513	0.129905	-7.69791	0.328006	1.5369	1.5369	3.62189	10.3933	2.55073	1
cg19224656	SHQ1;SHQ1	0.00735504	0.0134878	0.291048	-3.43586	0.292757	1.55347	1.55347	0.33446	1.4944	1.4944	0.849608	0.926251	-1.07962	0.220885	1.68097	1.68097	0.615809	0.815311	-1.22653	0.970682	0.985277	-1.01494	0.000685728	0.123347	-8.10721	0.00476263	0.220349	-4.53826	6.51368	16.8022	2.29291	1
cg15835805	SHROOM1	0.00243452	0.0123446	0.393663	-2.54024	0.00116233	0.239954	-4.16747	0.00139042	0.24997	-4.00047	0.0860163	1.76418	1.76418	0.00395166	0.313472	-3.19008	0.00562287	0.336996	-2.96739	0.261913	0.70464	-1.41916	0.260787	1.42044	1.42044	0.19101	0.660796	-1.51333	9.10283	12.9096	1.26062	1
cg06900164	SHROOM1	0.00269717	0.127012	1.70266	1.70266	0.000519588	5.7279	5.7279	0.0596069	1.98478	1.98478	0.553904	1.21297	1.21297	0.0128461	2.70825	2.70825	0.0161636	2.5827	2.5827	0.000242709	7.07737	7.07737	0.00500708	3.3118	3.3118	0.11541	1.73655	1.73655	8.83213	14.5446	1.46381	1
cg08912922	SHROOM1	0.00484743	0.019655	2.71263	2.71263	0.0697314	2.05066	2.05066	0.0443527	2.26536	2.26536	0.195094	1.62457	1.62457	0.0101812	3.1499	3.1499	0.0150056	2.88257	2.88257	0.000377325	7.47811	7.47811	0.00235692	4.49186	4.49186	0.00936584	3.21137	3.21137	7.40829	14.7099	1.76498	1
cg24789467	SHROOM1	0.00644424	0.0433784	2.49383	2.49383	0.0270528	2.79972	2.79972	0.0596992	2.30667	2.30667	0.449685	1.3539	1.3539	0.0195051	3.03574	3.03574	0.0271248	2.79789	2.79789	0.000208473	11.4847	11.4847	0.00745243	3.87818	3.87818	0.173045	1.76877	1.76877	6.78749	16.6312	2.17801	1
cg10836110	SHROOM1	0.00663637	0.0423565	3.59494	3.59494	0.0841759	2.84513	2.84513	0.0964748	2.71482	2.71482	0.291839	1.81946	1.81946	0.00671397	6.84722	6.84722	0.0205263	4.606	4.606	0.000329046	23.9096	23.9096	0.0041502	8.18991	8.18991	0.0706291	3.02108	3.02108	6.72587	31.9023	4.2162	1
cg14882577	SHROOM1	0.0103998	0.831031	1.0385	1.0385	0.367541	1.17781	1.17781	0.562592	1.10905	1.10905	0.468357	1.13935	1.13935	0.369875	1.17683	1.17683	0.0999774	1.37534	1.37534	0.000103464	3.36781	3.36781	0.512829	1.12452	1.12452	0.946365	1.01197	1.01197	5.83687	2.89	0.440114	1
cg13218710	SHROOM1	0.0182652	0.0458122	2.881	2.881	0.0254237	3.41352	3.41352	0.0645477	2.61087	2.61087	0.190538	1.89778	1.89778	0.0172879	3.81992	3.81992	0.0248755	3.43516	3.43516	0.00140721	8.4756	8.4756	0.0192306	3.70251	3.70251	0.0771071	2.48048	2.48048	4.85119	16.4131	3.0074	1
cg16609957	SHROOM1;SHROOM1	0.00224311	0.0104654	2.06795	2.06795	0.00044892	3.48303	3.48303	0.622213	1.11848	1.11848	0.31251	1.2656	1.2656	0.46296	1.18347	1.18347	0.000782524	3.14326	3.14326	0.00145877	2.81912	2.81912	0.002535	2.57216	2.57216	0.239724	1.31991	1.31991	9.32417	7.50685	0.715641	1
cg04437234	SHROOM2	8.21E-06	0.238173	1.18844	1.18844	2.92E-06	0.210016	-4.76153	1.48E-05	0.284566	-3.51412	0.739442	1.04774	1.04774	2.66E-06	0.206082	-4.85243	0.213983	1.20061	1.20061	0.210324	1.20256	1.20256	0.0513792	1.36336	1.36336	0.0162058	1.50822	1.50822	42.6984	13.2037	0.274873	1
cg26736837	SHROOM2	8.95E-06	0.46884	0.886093	-1.12855	0.0162162	0.617239	-1.62012	4.97E-06	0.18118	-5.51938	0.103419	0.746572	-1.33946	1.84E-07	0.0725447	-13.7846	0.0582108	0.703803	-1.42085	0.200164	1.24865	1.24865	0.0876349	0.733905	-1.36257	0.448449	0.880946	-1.13514	41.7512	17.8045	0.379061	1
cg18884384	SHROOM2	0.000759666	0.148209	1.45615	1.45615	0.00776325	0.436781	-2.28948	0.00370563	0.3867	-2.58598	0.297608	1.29903	1.29903	2.55E-05	0.132253	-7.56128	0.191972	1.39745	1.39745	0.668155	1.11014	1.11014	0.230899	0.737492	-1.35595	0.0560635	0.591963	-1.68929	12.7157	11.8224	0.826441	1
cg00722467	SHROOM2	0.00163749	0.511195	0.786586	-1.27132	0.454916	0.760188	-1.31546	0.0636542	0.471836	-2.11938	0.148396	1.74797	1.74797	0.00034943	0.126084	-7.93122	0.728424	0.881991	-1.1338	0.502662	1.27771	1.27771	0.000391144	0.130557	-7.65949	0.0119237	3.09684	3.09684	10.2179	21.0014	1.82699	1
cg06765430	SHROOM2	0.00197158	0.21279	0.803374	-1.24475	0.176611	1.27082	1.27082	8.79E-05	0.309523	-3.23078	0.22905	1.23442	1.23442	0.00908557	0.57517	-1.73862	0.358848	1.17048	1.17048	0.0193087	1.60337	1.60337	0.900011	0.979245	-1.02119	0.272689	0.826561	-1.20983	9.68218	4.26875	0.3919	1
cg06294995	SHROOM2	0.00456544	0.00446932	0.306196	-3.26588	0.0121904	0.377187	-2.6512	0.031572	0.45525	-2.1966	0.00417246	0.301698	-3.31458	0.000451379	0.177947	-5.61964	0.116056	0.586752	-1.7043	0.223574	1.49056	1.49056	0.444922	0.784204	-1.27518	0.279759	0.704161	-1.42013	7.54459	11.6429	1.37174	1
cg19017491	SHROOM2	0.0058436	0.324965	1.2571	1.2571	0.0546049	0.612129	-1.63364	0.0248121	0.548046	-1.82467	0.612474	1.12186	1.12186	0.000372936	0.277653	-3.60162	0.0668151	1.58814	1.58814	0.993219	0.998089	-1.00191	0.880434	1.03446	1.03446	0.0575346	1.62175	1.62175	6.99592	5.61455	0.713375	1
cg13355801	SHROOM2	0.00728375	0.103851	0.473748	-2.11083	0.626832	0.813983	-1.22853	0.700093	0.849941	-1.17655	0.304765	1.56274	1.56274	0.00582185	0.219372	-4.55847	0.409716	0.701762	-1.42498	0.428154	1.40468	1.40468	0.00662495	0.227528	-4.39505	0.00192724	6.32121	6.32121	6.53356	18.2593	2.48418	1
cg22877764	SHROOM2	0.00782408	0.374728	0.737224	-1.35644	0.00958687	0.333719	-2.99653	0.0187409	0.385524	-2.59387	0.459811	0.77738	-1.28637	0.000166121	0.116883	-8.5556	0.619892	0.845938	-1.18212	0.731524	0.891149	-1.12215	0.691004	0.87486	-1.14304	0.965461	0.985615	-1.01459	6.38866	11.3291	1.57628	1
cg08819482	SHROOM2	0.00966462	0.235018	1.55439	1.55439	0.0202908	0.370973	-2.69562	0.00787226	0.298722	-3.34759	0.966213	0.985101	-1.01512	0.00216321	0.217493	-4.59785	0.0334879	2.41172	2.41172	0.324867	1.43373	1.43373	0.999773	1.0001	1.0001	0.602609	1.2046	1.2046	5.97537	11.8847	1.76795	1
cg23553400	SHROOM2	0.0112891	0.730045	0.825016	-1.2121	0.0172957	5.00306	5.00306	0.502277	0.685154	-1.45953	0.923793	0.948256	-1.05457	0.000321937	0.0394989	-25.3172	0.75425	0.839978	-1.19051	0.447813	1.53663	1.53663	0.766642	0.847672	-1.1797	0.623854	1.31583	1.31583	5.68475	27.7626	4.34107	1
cg20746793	SHROOM2	0.0119977	0.290424	0.618482	-1.61686	0.543167	1.30935	1.30935	0.901082	1.05597	1.05597	0.2695	1.65463	1.65463	0.0113204	0.249353	-4.01038	0.639201	0.813193	-1.22972	0.341614	1.53592	1.53592	0.0247489	0.310154	-3.22421	0.00146417	7.47749	7.47749	5.57384	16.9303	2.69996	1
cg24680284	SHROOM2	0.0160624	0.677732	1.18978	1.18978	0.327569	1.52231	1.52231	0.240603	1.66671	1.66671	0.837776	0.918288	-1.08898	0.000283396	0.0849073	-11.7775	0.960666	0.979702	-1.02072	0.342784	1.50141	1.50141	0.91677	0.957465	-1.04442	0.926166	1.03929	1.03929	5.06443	13.8682	2.43409	1
cg13185972	SHROOM2	0.020872	0.712496	1.20526	1.20526	0.44721	0.676551	-1.47809	0.135727	0.444421	-2.25012	0.631646	0.783775	-1.27588	0.0260809	0.264008	-3.78776	0.439072	1.48894	1.48894	0.000759144	0.0762046	-13.1226	0.519812	1.38971	1.38971	0.0676121	0.356029	-2.80876	4.63669	18.6828	3.58164	1
cg03991766	SHROOM2	0.0352333	0.0307322	0.406947	-2.45732	0.0139978	2.9302	2.9302	0.232086	0.641461	-1.55894	0.407522	0.740699	-1.35008	0.0129954	0.335547	-2.98021	0.0837821	0.507658	-1.96983	0.943714	1.02533	1.02533	0.604424	1.2034	1.2034	0.978296	0.990408	-1.00968	3.85784	7.66893	1.76701	1
cg00456723	SHROOM2	0.0414437	0.0154787	0.291217	-3.43387	0.01299	0.277932	-3.598	0.352176	0.671878	-1.48837	0.956016	0.977351	-1.02317	0.0527467	0.400688	-2.49571	0.722317	0.862251	-1.15976	0.020714	0.314468	-3.17997	0.012155	0.273029	-3.66262	0.573633	0.789649	-1.26638	3.63524	9.93309	2.42884	1
cg14985146	SHROOM2	0.045055	0.430952	1.63812	1.63812	0.247733	0.47617	-2.10009	0.0701193	0.288456	-3.46673	0.895748	0.922661	-1.08382	0.292552	0.51147	-1.95515	0.473885	1.56394	1.56394	0.0165456	6.03477	6.03477	0.119062	2.82552	2.82552	0.016298	6.07046	6.07046	3.52391	21.0399	5.3072	1
cg21255939	SHROOM2	0.0454326	0.019396	0.370725	-2.69741	0.256996	0.660149	-1.51481	0.448237	1.31168	1.31168	0.928594	1.03196	1.03196	0.030295	0.409024	-2.44484	0.75468	0.895803	-1.11632	0.0935947	0.523441	-1.91044	0.0169975	0.359987	-2.77788	0.119542	1.80932	1.80932	3.51291	6.85596	1.7348	1
cg02226388	SHROOM2	0.0496899	0.17045	0.569402	-1.75623	0.135864	0.537934	-1.85896	0.160467	0.560786	-1.78321	0.842399	1.07982	1.07982	0.0029946	0.207919	-4.80957	0.133236	1.86799	1.86799	0.25546	1.58091	1.58091	0.921443	1.03879	1.03879	0.867059	0.937412	-1.06677	3.39615	8.00499	2.09518	1
cg14898892	SHROOM3	2.11E-05	0.01511	1.38768	1.38768	2.52E-05	2.50436	2.50436	3.65E-05	0.418013	-2.39227	0.0704866	1.24838	1.24838	1.93E-05	0.385892	-2.5914	0.0424371	1.29234	1.29234	0.224187	1.15042	1.15042	0.942505	1.00795	1.00795	0.000690952	0.566435	-1.76543	33.3953	6.3696	0.169541	1
cg15871969	SHROOM3	0.00029296	0.000366371	0.417597	-2.39466	0.989227	1.00207	1.00207	0.00522509	0.569081	-1.75722	0.104343	0.762127	-1.31212	3.36E-05	0.292238	-3.42187	0.00146992	0.495383	-2.01864	0.000950088	0.470624	-2.12484	0.144563	1.27096	1.27096	0.00182713	0.507834	-1.96915	16.5574	6.1383	0.329537	1
cg15706943	SHROOM3	0.000771876	0.000586645	0.335194	-2.98335	0.0188664	0.556993	-1.79535	0.00482523	0.463348	-2.15821	0.211909	0.762955	-1.31069	0.000142039	0.259198	-3.85805	0.837978	0.958749	-1.04303	0.000191161	0.274399	-3.64432	0.344705	0.818528	-1.2217	0.00470345	0.461681	-2.166	12.6589	8.48709	0.595952	1
cg09258200	SHROOM3	0.00116795	0.150821	0.738474	-1.35414	0.0209394	0.578645	-1.72817	0.169908	0.749872	-1.33356	0.869188	0.968067	-1.03299	0.000603507	0.352931	-2.83341	0.296013	1.23783	1.23783	0.00306577	2.22189	2.22189	0.539548	1.13009	1.13009	0.000299496	0.314031	-3.1844	11.2584	6.91304	0.545808	1
cg19162496	SHROOM3	0.00126806	0.0145577	0.510441	-1.95909	0.0148596	1.95335	1.95335	0.0194042	0.531734	-1.88064	0.0145895	0.5106	-1.95848	0.00015081	0.233689	-4.2792	0.0467403	0.601213	-1.6633	0.00636708	0.452253	-2.21115	0.098201	0.666767	-1.49977	0.00245029	0.389915	-2.56466	10.9971	8.69719	0.702991	1
cg20311846	SHROOM3	0.00138699	0.0261476	0.5749	-1.73943	0.416814	0.840229	-1.19015	0.0767758	0.661732	-1.51119	0.00517097	0.460958	-2.1694	6.82E-05	0.216912	-4.61016	0.0627944	0.644566	-1.55143	0.00171308	0.390975	-2.55771	0.0838343	0.669414	-1.49384	0.000880645	0.351359	-2.84609	10.7182	7.47051	0.619549	1
cg24175289	SHROOM3	0.0017754	0.448028	1.14768	1.14768	0.71228	0.936143	-1.06821	0.000855543	0.409732	-2.44062	0.261275	1.23208	1.23208	9.37E-05	0.289139	-3.45854	0.188302	1.28188	1.28188	0.502079	1.12903	1.12903	0.812895	0.958641	-1.04314	0.0741385	0.701521	-1.42548	9.98154	5.01664	0.446748	1
cg23843090	SHROOM3	0.00194116	0.594281	0.909989	-1.09891	0.878864	0.973596	-1.02712	0.00158278	0.451236	-2.21614	0.000862886	0.415785	-2.40509	0.0336324	0.64702	-1.54555	0.0249281	0.626118	-1.59714	0.000154204	0.320545	-3.11969	0.634752	0.919465	-1.08759	0.0224484	0.618927	-1.6157	9.7261	4.74168	0.433352	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04461123	SHROOM3	0.00239212	0.0136794	0.443247	-2.25608	0.0163237	0.456822	-2.18904	0.0258105	0.493489	-2.02639	0.485629	0.827743	-1.2081	0.000530502	0.237013	-4.21918
cg00598956	SHROOM3	0.00450735	0.00257116	0.156762	-6.37908	0.0621194	0.394147	-2.53712	0.273762	0.603581	-1.65678	0.955884	0.975775	-1.02483	0.000135622	0.0534771	-18.6996
cg24086068	SHROOM3	0.00489874	0.823747	1.05504	1.05504	0.00143433	3.02577	3.02577	0.0138475	0.48166	-2.07615	0.174334	1.41492	1.41492	0.00179045	0.343915	-2.9077
cg11258108	SHROOM3	0.00637196	0.231552	0.875004	-1.14285	0.32258	0.896974	-1.11486	0.283855	1.12578	1.12578	0.078421	1.23125	1.23125	0.097198	0.82391	-1.21373
cg13700250	SHROOM3	0.0074495	0.0130463	0.59171	-1.69002	0.103521	1.35441	1.35441	0.268985	0.821887	-1.21671	0.679609	1.07332	1.07332	0.515154	0.893646	-1.11901
cg20254658	SHROOM3	0.00933003	0.400766	0.821554	-1.21721	0.199924	0.733844	-1.36269	0.479243	0.84842	-1.17866	0.424787	0.830043	-1.20476	0.000181511	0.235207	-4.25158
cg21619340	SHROOM3	0.0119074	0.0347716	0.515859	-1.93852	0.0191277	0.466388	-2.14414	0.0613054	0.567142	-1.76323	0.419117	1.24865	1.24865	0.538783	0.845862	-1.18223
cg09640555	SHROOM3	0.0121718	0.00738076	0.308763	-3.23873	0.00169354	0.217234	-4.60333	0.0177601	0.37484	-2.6678	0.0250265	0.403492	-2.47837	0.177184	0.613699	-1.62946
cg11615509	SHROOM3	0.0148048	0.00867984	0.178095	-5.61498	0.00164918	0.0979056	-10.2139	0.0161198	0.218993	-4.56635	0.142255	0.443196	-2.25634	0.0080268	0.173415	-5.7665
cg24201034	SHROOM3	0.0163231	0.0318565	4.71667	4.71667	0.485742	0.6461	-1.54775	0.230562	2.17192	2.17192	0.325136	1.87116	1.87116	0.00808045	0.123459	-8.09987
cg19600368	SHROOM3	0.0182337	0.864971	0.975724	-1.02488	0.688271	1.05996	1.05996	0.00787664	0.611246	-1.636	0.00129094	0.508075	-1.96821	0.0462127	0.719074	-1.39068
cg14934522	SHROOM3	0.0190818	0.222583	0.699517	-1.42956	0.637813	1.14134	1.14134	0.0426528	0.52169	-1.91685	0.112215	1.6196	1.6196	0.411523	1.2638	1.2638
cg24137322	SHROOM3	0.0216327	0.161463	1.4105	1.4105	0.0108403	2.08749	2.08749	0.0542914	0.605112	-1.65259	0.236287	1.33036	1.33036	0.00450049	0.418527	-2.38933
cg19522262	SHROOM3	0.0222078	0.00426268	0.394321	-2.53601	0.0129444	0.472048	-2.11843	0.0324742	0.543796	-1.83892	0.0501107	0.580678	-1.72213	0.0314234	0.541089	-1.84812
cg17484699	SHROOM3	0.0274703	0.232139	2.28192	2.28192	0.000938022	25.7882	25.7882	0.046467	4.4883	4.4883	0.241739	2.24057	2.24057	0.175472	0.387308	-2.58193
cg13593192	SHROOM3	0.0290795	0.208817	0.679475	-1.47172	0.647871	1.14353	1.14353	0.837774	0.941957	-1.06162	0.0777679	1.77133	1.77133	0.0421284	1.97967	1.97967
cg18705541	SHROOM3	0.0374464	0.103088	0.46538	-2.14878	0.0942926	2.20126	2.20126	0.130034	2.0168	2.0168	0.734722	1.15707	1.15707	0.00256578	0.166337	-6.01191
cg02413100	SHROOM3	0.0474364	0.0849	0.722986	-1.38315	0.756031	0.948324	-1.05449	0.192122	0.790529	-1.26498	0.86613	0.971684	-1.02914	0.18222	0.785815	-1.27256
cg23629643	SHROOM3	0.0481617	0.829597	0.951621	-1.05084	0.0294131	0.554231	-1.8043	0.028461	0.551615	-1.81286	0.949926	0.985655	-1.01455	0.494414	0.852446	-1.17309
cg27230396	SHROOM3	0.0488252	0.644881	1.07817	1.07817	0.0142934	0.612639	-1.63228	0.666839	1.07277	1.07277	0.819769	0.963664	-1.03771	0.424754	1.14134	1.14134
cg27417997	SHROOM3;SHROOM3	0.0298904	0.312484	0.718553	-1.39169	0.593472	1.18584	1.18584	0.198829	0.650816	-1.53653	0.0790773	0.539669	-1.85299	0.0039276	0.292966	-3.41337
cg12841929	SHROOM4;SHROOM4	0.000620114	0.0461235	0.470345	-2.1261	0.557812	1.2161	1.2161	0.25931	0.678114	-1.47468	0.00301585	3.82739	3.82739	0.811876	1.08188	1.08188
cg06172119	SHROOM4;SHROOM4	0.00453709	0.445348	1.24262	1.24262	0.00570434	0.363435	-2.75152	0.00333678	0.327787	-3.05076	0.698146	0.896897	-1.11496	0.000346226	0.200446	-4.98888
cg03278754	SHROOM4;SHROOM4	0.04123	0.197704	1.79026	1.79026	0.162161	0.528161	-1.89336	0.467809	0.729075	-1.3716	0.0530226	0.390481	-2.56095	0.0534107	0.391238	-2.55599
cg25349350	SIAE;SIAE;SPA17	0.0107658	0.806426	1.04267	1.04267	0.10203	0.737399	-1.35612	0.0118449	0.585766	-1.70717	0.747053	1.05663	1.05663	0.99736	1.00056	1.00056
cg21545467	SIAE;SIAE;SPA17	0.0251694	0.345001	0.867886	-1.15223	0.124758	1.27393	1.27393	0.327095	1.1588	1.1588	0.0738594	1.33677	1.33677	0.884037	1.02149	1.02149
cg19715493	SIAE;SPA17	1.26E-05	0.0154664	2.06582	2.06582	0.000992519	3.30291	3.30291	0.275444	1.3193	1.3193	0.0455541	0.571211	-1.75067	0.00743317	0.430843	-2.32103
cg02165330	SIAE;SPA17	0.00142052	0.0442261	0.58689	-1.7039	0.0593319	1.63369	1.63369	0.223186	1.34328	1.34328	0.167772	1.40354	1.40354	5.99E-05	0.180719	-5.53344
cg09440782	SIAE;SPA17	0.00148683	0.0546541	0.44803	-2.23199	0.0278646	2.60459	2.60459	0.318118	1.4624	1.4624	0.830519	0.924086	-1.08215	0.764743	1.11689	1.11689
cg22318304	SIAE;SPA17;SPA17	0.0319014	?	?	?	0.5001	0.672468	-1.48706	0.00765366	0.069743	-14.3384	0.0197381	0.133196	-7.50772	0.786218	0.85607	-1.16813
cg08088511	SIAH1	0.000273085	0.0402244	0.569011	-1.75743	0.0189974	0.508851	-1.96521	0.0141321	0.486537	-2.05534	0.745929	1.08041	1.08041	0.000613317	0.285023	-3.50849
cg06183001	SIAH1	0.0017677	0.037743	0.623251	-1.60449	0.0576644	1.52372	1.52372	0.134918	0.728899	-1.37193	0.47371	1.15369	1.15369	0.0115759	0.538258	-1.85784
cg02631622	SIAH1	0.00431247	0.00635065	1.35085	1.35085	0.0208106	0.790166	-1.26556	0.0433173	0.821409	-1.21742	0.855673	1.01553	1.01553	0.00178334	0.686319	-1.45705
cg06521835	SIAH1	0.00524145	0.00155784	0.386252	-2.58898	0.561212	1.13077	1.13077	0.18516	1.34171	1.34171	0.090298	1.47767	1.47767	0.0365148	0.601465	-1.66261
cg00041311	SIAH1	0.0150413	0.792244	0.921075	-1.08569	0.000388849	0.171756	-5.82221	0.117588	0.588996	-1.6978	0.860987	1.05611	1.05611	0.330047	0.731224	-1.36757
cg04939900	SIAH1	0.0235086	0.0736303	0.665396	-1.50286	0.00609953	0.481311	-2.07766	0.166067	0.739574	-1.35213	0.21396	0.765459	-1.30641	0.153102	0.731605	-1.36686
cg03712758	SIAH1;SIAH1	0.0171771	0.0219533	23.2001	23.2001	0.00730665	52.2916	52.2916	0.830732	0.7828	-1.27747	0.223418	0.23147	-4.32022	0.488077	0.446725	-2.23851
cg02167757	SIAH1;SIAH1	0.0235234	0.00744811	0.332925	-3.00368	0.0362674	0.459798	-2.17487	0.160022	0.619353	-1.61459	0.520575	0.812342	-1.23101	0.0117937	0.366531	-2.72828
cg06907405	SIAH1;SIAH1	0.0296071	0.0211015	17.1963	17.1963	0.0046965	47.1767	47.1767	0.720063	0.691354	-1.44644	0.325578	0.353061	-2.83237	0.3235	0.35138	-2.84592
cg03104704	SIAH1;SIAH1	0.0403248	0.0456702	9.39275	9.39275	0.0247138	13.6557	13.6557	0.613841	0.608104	-1.64445	0.445467	0.467506	-2.13901	0.536809	0.542586	-1.84303
cg16573542	SIAH1;SIAH1	0.0497252	0.0266004	14.6393	14.6393	0.0254872	15.0452	15.0452	0.699622	0.673062	-1.48575	0.52417	0.517286	-1.93317	0.485337	0.484787	-2.06276
cg08209473	SIAH1;SIAH1;SIAH1	0.0186244	0.0341889	7.18829	7.18829	0.00667336	16.5945	16.5945	0.895606	1.11047	1.11047	0.607531	0.661345	-1.51207	0.222476	0.359416	-2.78229
cg05311589	SIAH1;SIAH1;SIAH1	0.0191485	0.0142457	14.736	14.736	0.00743069	21.5005	21.5005	0.566264	0.596947	-1.67519	0.74835	0.750939	-1.33167	0.448703	0.503074	-1.98778
cg13590228	SIAH2	0.00188413	0.000862224	0.136653	-7.31778	0.00932598	0.269265	-3.71382	0.0678923	0.443267	-2.25598	0.676123	0.846069	-1.18194	0.00233254	0.184335	-5.42491
cg07663535	SIAH2	0.00236452	0.571261	1.09582	1.09582	0.6906	1.06607	1.06607	0.185571	0.798934	-1.25167	0.00057701	0.426675	-2.3437	0.000228006	0.375513	-2.66303
cg11178810	SIAH2	0.0134066	0.141013	0.726902	-1.3757	0.793079	1.05439	1.05439	0.605777	0.900425	-1.11059	0.626235	0.905848	-1.10394	0.106228	0.700881	-1.42678
cg16963852	SIAH2	0.0141328	0.0287667	0.279065	-3.58339	0.950088	0.969496	-1.03146	0.479351	0.700566	-1.42742	0.0402091	0.309414	-3.23191	0.160767	0.476449	-2.09886
cg15765380	SIAH2	0.0168957	0.0115042	0.24172	-4.13701	0.0258184	0.304547	-3.28356	0.0443191	0.354281	-2.82262	0.550909	0.762574	-1.31135	0.00669689	0.205985	-4.85473
cg00732656	SIAH2	0.0188281	0.200216	0.71244	-1.40363	0.0158211	0.476759	-2.09749	0.224502	0.726359	-1.37673	0.380169	1.25304	1.25304	0.0809872	0.615808	-1.62388
cg19352193	SIAH3	3.10E-05	0.62575	0.893986	-1.11859	0.169934	1.39555	1.39555	0.0157575	1.96322	1.96322	0.431716	0.832803	-1.20076	0.000200775	4.14859	4.14859
cg00613224	SIAH3	4.61E-05	0.141257	1.23962	1.23962	0.0192338	0.680779	-1.46891	0.00178703	1.8286	1.8286	0.0924793	1.28582	1.28582	0.0366248	1.39058	1.39058
cg26667946	SIAH3	0.000450776	0.408762	0.76064	-1.31468	0.453362	0.780869	-1.28062	0.0114313	2.78691	2.78691	0.65327	1.15769	1.15769	0.172378	1.60051	1.60051
cg26194251	SIAH3	0.000704715	0.00322823	0.383184	-2.60971	0.012682	0.477312	-2.09506	0.00557897	0.419371	-2.38452	0.0698857	0.61639	-1.62235	0.000524692	0.275209	-3.6336
cg08018585	SIAH3	0.00294474	0.327024	1.61074	1.61074	0.195355	1.9064	1.9064	0.0462575	2.93214	2.93214	0.0592915	2.72672	2.72672	0.358517	1.5602	1.5602
cg13901137	SIAH3	0.00495327	0.243127	0.804306	-1.24331	0.485939	0.881405	-1.13455	0.0271462	1.59409	1.59409	0.552956	1.11296	1.11296	0.0673027	0.693795	-1.44135
cg14269973	SIAH3	0.00498436	0.619502	0.833918	-1.19916	0.147211	0.568735	-1.75829	0.0509729	2.24027	2.24027	0.373178	1.39333	1.39333	0.21197	1.6113	1.6113
cg20997247	SIAH3	0.00675211	0.556818	1.10985	1.10985	0.986353	0.997005	-1.003	0.037133	1.52871	1.52871	0.247649	1.23614	1.23614	0.00769295	1.82334	1.82334
cg24291490	SIAH3	0.0106436	0.479784	0.928725	-1.07675	0.00723206	1.42867	1.42867	0.719421	1.03783	1.03783	0.0254102	1.3145	1.3145	0.0252889	0.760509	-1.31491
cg02017534	SIAH3	0.0110539	0.535933	0.82171	-1.21697	0.432758	0.778175	-1.28506	0.0729416	1.87129	1.87129	0.728439	1.11538	1.11538	0.680166	1.13867	1.13867
cg12358759	SIAH3	0.0320983	0.495439	1.15116	1.15116	0.0343375	0.605302	-1.65207	0.0842106	0.678068	-1.47478	0.0117724	0.527395	-1.89611	0.873704	1.03288	1.03288
cg10775278	SIAH3	0.0395353	0.0102811	0.368438	-2.71416	0.893895	0.959637	-1.04206	0.019845	2.38275	2.38275	0.453182	0.78984	-1.26608	0.0678928	0.531877	-1.88013
cg12979844	SIAH3	0.0431175	0.609397	0.83795	-1.19339	0.876232	1.05493	1.05493	0.266305	1.48792	1.48792	0.987467	1.0054	1.0054	0.148567	1.70165	1.70165
cg02674384	SIAH3;SIAH3	0.00095655	0.999603	1.00019	1.00019	0.504425	0.770576	-1.29773	0.0042459	4.35937	4.35937	0.354176	1.44302	1.44302	0.115083	1.93322	1.93322
cg12596171	SIDT1	0.000346225	0.00989793	0.458603	-2.18054	0.701272	0.91192	-1.09659	0.0572739	1.67277	1.67277	4.55E-05	0.158098	-6.3252	0.0987181	0.648499	-1.54202
cg07074309	SIDT1	0.00110331	0.0271737	0.561207	-1.78187	0.3635	1.22916	1.22916	0.00226423	0.389148	-2.56972	0.216567	1.3328	1.3328	7.12E-05	0.201917	-4.95254
cg23435567	SIDT1	0.0149099	0.970052	0.989202	-1.01092	0.0493549	1.91305	1.91305	0.186347	1.49953	1.49953	0.00842692	2.64585	2.64585	0.00782	0.372587	-2.68393
cg00726615	SIDT1	0.0243669	0.71492	1.19921	1.19921	0.0166547	4.25337	4.25337	0.747163	0.85199	-1.17372	0.0202965	0.250169	-3.99729	0.0258649	0.269794	-3.70653
cg08267038	SIDT1	0.0334097	0.0149868	0.202781	-4.93142	0.885432	0.925965	-1.07995	0.11748	0.403692	-2.47713	0.0177063	0.214609	-4.65963	0.0559441	0.314986	-3.17474
cg19836460	SIDT1;SIDT1	0.00616714	0.216209	1.62876	1.62876	0.252964	1.56448	1.56448	0.17427	1.71897	1.71897	0.702841	0.866173	-1.1545	0.839178	0.92666	-1.07914
cg16984132	SIDT2	4.33E-05	0.959607	0.985388	-1.01483	0.00169024	3.68376	3.68376	0.00514021	2.92734	2.92734	0.012966	2.45033	2.45033	0.0860516	0.576216	-1.73546
cg24064506	SIDT2	0.00226301	0.0248741	0.628532	-1.59101	0.0980207	1.37115	1.37115	0.0568358	1.45481	1.45481	0.016588	0.601166	-1.66343	0.00121361	0.438768	-2.27911
cg10023271	SIDT2	0.0042258	0.00343575	0.42518	-2.35194	0.00404791	0.435773	-2.29477	0.00386749	0.432815	-2.31046	0.175988	1.3629	1.3629	0.810787	0.949696	-1.05297
cg04237662	SIDT2	0.0148415	0.349237	0.453433	-2.2054	0.0198338	10.6815	10.6815	0.00159512	50.8691	50.8691	0.449652	0.531898	-1.88006	0.546604	0.606877	-1.64778
cg11029270	SIDT2	0.023076	0.232495	0.818214	-1.22217	0.00712835	1.74527	1.74527	0.373476	1.15766	1.15766	0.659601	0.931436	-1.07361	0.589859	0.916492	-1.09112
cg26574964	SIDT2	0.0423425	0.624792	1.05658	1.05658	0.0888274	0.810932	-1.23315	0.861246	1.01973	1.01973	0.599328	1.06098	1.06098	0.0466204	0.775371	-1.28971
cg21137026	SIGIRR;SIGIRR	7.39E-05	0.00206122	1.39417	1.39417	0.650034	1.03559	1.03559	0.000137403	1.65671	1.65671	0.0231293	1.23112	1.23112	0.0112907	1.275	1.275
cg19202014	SIGIRR;SIGIRR	0.000387793	0.0169457	1.99116	1.99116	0.000638708	3.45517	3.45517	0.220742	0.737542	-1.35585	0.0669669	1.62514	1.62514	0.0111942	0.471568	-2.12058
cg02996181	SIGIRR;SIGIRR	0.000635339	0.00690749	1.96688	1.96688	0.0936236	1.42864	1.42864	0.667061	1.08733	1.08733	0.265514	0.798928	-1.25168	0.0480072	1.54852	1.54852
cg13463639	SIGIRR;SIGIRR	0.00694714	0.0019592	0.354312	-2.82237	0.294399	0.772774	-1.29404	0.0119469	0.475469	-2.10319	0.0478888	0.585013	-1.70936	0.461357	0.837154	-1.19452
cg11624233	SIGIRR;SIGIRR	0.0102532	0.0869403	1.64515	1.64515	0.095764	1.61904	1.61904	0.644529	1.13015	1.13015	0.164618	1.47765	1.47765	0.261164	0.73447	-1.36153
cg03638795	SIGIRR;SIGIRR	0.0171321	0.762427	0.859883	-1.16295	0.00171822	9.28004	9.28004	0.0656451	2.79723	2.79723	0.848351	1.10001	1.10001	0.55727	0.744125	-1.34386
cg15645463	SIGIRR;SIGIRR;ANO9	0.000204699	0.89281	0.968423	-1.03261	0.166014	0.703599	-1.42126	0.00070197	0.292396	-3.42002	0.0342499	0.555496	-1.80019	6.11E-05	0.171919	-5.81669
cg03140412	SIGIRR;SIGIRR;SIGIRR	9.58E-05	0.129841	0.620504	-1.61159	0.0020812	0.282589	-3.53871	4.46E-05	0.104924	-9.53069	0.00193278	0.278154	-3.59513	0.000173839	0.155887	-6.41491
cg02585906	SIGIRR;SIGIRR;SIGIRR	0.000234013	0.0249359	0.466827	-2.14212	0.014009	0.420571	-2.37772	0.000256295	0.179316	-5.57675	0.00303925	0.313718	-3.18757	0.000435642	0.204477	-4.89052
cg02420146	SIGIRR;SIGIRR;SIGIRR	0.000273077	0.0354077	2.53675	2.53675	0.00109107	0.160221	-6.24137	0.0227217	0.354761	-2.8188	0.000838452	0.148148	-6.75002	0.00132488	0.169546	-5.89812
cg04029159	SIGIRR;SIGIRR;SIGIRR	0.000537248	0.129119	0.58774	-1.70143	0.0067322	0.320224	-3.12281	0.00060079	0.179887	-5.55905	0.0199543	0.402401	-2.48509	0.000458561	0.167295	-5.97746
cg11328127	SIGIRR;SIGIRR;SIGIRR	0.00122477	0.635648	1.13932	1.13932	0.023503	2.0947	2.0947	0.00063796	0.238563	-4.19177	0.0114813	0.421386	-2.37312	0.0046819	0.357923	-2.7939
cg14707834	SIGIRR;SIGIRR;SIGIRR	0.0030706	0.1481	0.731379	-1.36728	0.884708	1.02969	1.02969	0.00611516	0.48605	-2.0574	0.00621993	0.487171	-2.05267	0.00585059	0.483136	-2.06981
cg26201535	SIGIRR;SIGIRR;SIGIRR	0.00455854	0.0970645	1.63668	1.63668	0.984048	1.00542	1.00542	0.0788464	1.69547	1.69547	0.00248983	0.320752	-3.11768	0.00145252	0.288095	-3.47108
cg01471232	SIGIRR;SIGIRR;SIGIRR	0.0054779	0.931926	1.03532	1.03532	0.344836	1.48482	1.48482	0.000879608	0.131864	-7.58357	0.0650438	0.431009	-2.32014	0.00274135	0.186453	-5.36327
cg17376853	SIGIRR;SIGIRR;SIGIRR	0.012896	0.872331	1.11628	1.11628	0.00484549	12.8762	12.8762	0.913091	0.928047	-1.07753	0.890803	1.09851	1.09851	0.00169833	0.0465932	-21.4624
cg12072972	SIGIRR;SIGIRR;SIGIRR	0.0304014	0.100703	0.464212	-2.15419	0.107779	2.11506	2.11506	0.965177	0.981538	-1.01881	0.121239	2.04858	2.04858	0.00623556	0.218347	-4.57988
cg15311460	SIGIRR;SIGIRR;SIGIRR	0.0313511	0.758903	0.886704	-1.12777	0.0553867	2.33539	2.33539	0.0340869	2.62739	2.62739	0.00602957	4.06046	4.06046	0.689721	0.854921	-1.1697
cg14897765	SIGIRR;SIGIRR;SIGIRR	0.0322798	0.200284	1.76763	1.76763	0.147038	1.92559	1.92559	0.6662	1.20049	1.20049	0.134388	0.506784	-1.97323	0.00423703	0.199502	-5.01248
cg08017880	SIGIRR;SIGIRR;SIGIRR	0.0341885	0.875367	1.02227	1.02227	0.2763	0.853097	-1.1722	0.959671	1.00712	1.00712	0.0283693	0.695541	-1.43773	0.00173704	0.534384	-1.87131
cg23029021	SIGIRR;SIGIRR;SIGIRR;SIGIRR	4.59E-05	0.408275	0.843933	-1.18493	0.0257467	0.587835	-1.70116	9.82E-06	0.148576	-6.73057	0.0547225	0.645881	-1.54827	0.00536741	0.479258	-2.08656
cg15271461	SIGLEC1	0.00650967	0.0516859	0.459255	-2.17744	0.00582303	0.281132	-3.55705	0.00408685	0.258201	-3.87295	0.0273161	0.39947	-2.50332	0.00293699	0.238007	-4.20155
cg03478070	SIGLEC1	0.0165438	0.157198	0.748467	-1.33606	0.0367726	0.628372	-1.59142	0.271527	0.80314	-1.24511	0.195206	0.769206	-1.30004	0.00330356	0.464662	-2.1521
cg01426903	SIGLEC1	0.0176844	0.0162513	0.444041	-2.25205	0.0633883	0.561773	-1.78008	0.016357	0.444548	-2.24948	0.583951	0.858337	-1.16504	0.00264478	0.316941	-3.15516
cg14010015	SIGLEC1	0.0413235	0.366576	0.826545	-1.20985	0.619848	1.10816	1.10816	0.348171	0.82007	-1.21941	0.578444	1.12218	1.12218	0.00138184	0.385787	-2.5921
cg03934257	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;LOC100129083;SIGLEC10;SIGLEC10;SIGLEC10	0.000428418	0.000406497	0.557466	-1.79383	0.00663524	0.693206	-1.44257	0.285108	0.890949	-1.1224	1.41E-05	0.389948	-2.56445	0.00505647	0.680094	-1.47038
cg03582327	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10	3.31E-07	1.38E-07	0.0998513	-10.0149	1.31E-07	0.0983296	-10.1699	3.09E-06	0.214461	-4.66286	2.66E-05	0.315582	-3.16875	1.66E-06	0.188015	-5.31873
cg08844849	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10	0.000535846	0.0194035	0.432786	-2.31061	0.00104167	0.237305	-4.21398	0.324153	0.739549	-1.35218	0.354553	0.754113	-1.32606	0.488113	0.811632	-1.23209
cg18778827	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10	0.000697845	2.84E-05	0.163296	-6.12384	0.368234	0.815871	-1.22568	0.0239799	0.552683	-1.80936	0.72061	1.08229	1.08229	0.875947	0.966187	-1.035
cg19503700	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;LOC100129083	0.00522185	0.000134262	0.256691	-3.89574	0.425466	0.845954	-1.1821	0.0480501	0.628449	-1.59122	0.139561	0.721222	-1.38653	0.0884238	0.679504	-1.47166
cg03597525	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;LOC100129083	0.0122654	0.230142	0.56751	-1.76208	0.640284	0.809152	-1.23586	0.0068038	0.206429	-4.84427	0.211317	0.552922	-1.80857	0.00122424	0.119042	-8.40037
cg00481739	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;LOC100129083	0.0177925	0.881024	1.05989	1.05989	0.0933544	0.488336	-2.04777	0.368644	0.698664	-1.4313	0.494675	1.30904	1.30904	0.0465087	0.41254	-2.42401
cg17215680	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC	0.0332785	0.246839	0.540482	-1.8502	0.0949048	0.393556	-2.54093	0.202411	0.504685	-1.98143	0.0231758	0.251771	-3.97187	0.00887861	0.184142	-5.4306
cg16511225	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC	0.0403154	0.98221	0.990328	-1.00977	0.327998	0.643958	-1.5529	0.22727	0.575487	-1.73766	0.272458	0.607797	-1.64529	0.0157822	0.275465	-3.63023
cg11320438	SIGLEC11;SIGLEC11	2.88E-05	0.354045	0.856414	-1.16766	0.000386251	0.398333	-2.51046	0.000101898	0.326665	-3.06124	0.00016191	0.351084	-2.84833	4.77E-05	0.287866	-3.47384
cg04784724	SIGLEC11;SIGLEC11	0.000118765	0.000426391	0.30533	-3.27514	0.00162081	0.382572	-2.61389	0.00836912	0.488454	-2.04728	0.035427	0.594001	-1.6835	0.000116601	0.237924	-4.20303
cg22187733	SIGLEC11;SIGLEC11	0.000139951	0.104461	0.631873	-1.5826	0.0376648	0.535987	-1.86572	0.00291677	0.347178	-2.88036	0.0379587	0.536657	-1.86339	7.56E-05	0.156089	-6.40662
cg03283694	SIGLEC11;SIGLEC11	0.000269193	0.00764122	0.370149	-2.70161	8.54E-05	0.129336	-7.7318	0.00140577	0.261758	-3.82033	0.0173753	0.431947	-2.3151	3.35E-05	0.0971418	-10.2942
cg24311282	SIGLEC11;SIGLEC11	0.00680872	0.0324503	0.60668	-1.64832	0.302172	0.807875	-1.23782	0.320416	1.22743	1.22743	0.785205	0.946932	-1.05604	0.96329	1.00923	1.00923
cg18986165	SIGLEC12	4.21E-05	1.91E-05	0.0968498	-10.3253	0.00552193	0.375375	-2.664	0.000258981	0.198916	-5.02724	0.785554	0.929347	-1.07602	0.000375082	0.216971	-4.60891
cg12013571	SIGLEC12	0.000190979	0.00067827	0.246115	-4.06314	0.000142153	0.170176	-5.87628	0.000204229	0.186367	-5.36577	0.0311316	0.505223	-1.97932	0.00124988	0.28018	-3.56914
cg04336859	SIGLEC12	0.000937566	0.000724111	0.101597	-9.84278	0.000163697	0.0573164	-17.447	0.00246002	0.153632	-6.50907	0.00838229	0.2236	-4.47227	0.0378279	0.34263	-2.9186
cg13981787	SIGLEC12	0.00208439	0.170404	0.513417	-1.94773	0.76212	1.14869	1.14869	0.00896916	0.219248	-4.56105	0.316377	0.623135	-1.60479	0.00211854	0.13908	-7.19011
cg17872326	SIGLEC12	0.00217821	0.000109376	0.0719906	-13.8907	0.00447079	0.231271	-4.32393	0.00180149	0.180067	-5.5535	0.00835403	0.272109	-3.67499	0.0115715	0.295438	-3.3848
cg02381385	SIGLEC12	0.0185279	0.0795053	0.364865	-2.74074	0.0241595	0.248436	-4.02517	0.0170038	0.22146	-4.5155	0.811061	1.13208	1.13208	0.0457	0.30523	-3.27622
cg02695074	SIGLEC12;SIGLEC12	0.000131974	0.495697	0.842274	-1.18726	0.0108447	0.452091	-2.21194	0.0369886	0.548228	-1.82406	0.28015	0.756862	-1.32124	6.43E-05	0.161563	-6.18953
cg27380412	SIGLEC12;SIGLEC12	0.000216276	4.86E-05	0.193529	-5.16718	0.511222	1.15402	1.15402	0.0191851	0.543792	-1.83894	0.0721532	0.649557	-1.53951	5.12E-05	0.195868	-5.10547
cg25969123	SIGLEC12;SIGLEC12	0.00110288	0.00825192	0.519772	-1.92392	3.92E-05	0.217697	-4.59354	0.00351808	0.4646	-2.15239	0.0912016	0.697441	-1.43381	0.00640388	0.503054	-1.98786
cg04698472	SIGLEC12;SIGLEC12	0.00670572	0.000284969	0.190742	-5.24269	0.0694025	0.566722	-1.76453	0.299079	0.740152	-1.35107	0.824335	1.06413	1.06413	0.0161862	0.439367	-2.276
cg27086014	SIGLEC12;SIGLEC12;SIGLEC12	0.00492894	0.00277743	0.120314	-8.31158	0.0582853	0.333346	-2.99882	0.00285604	0.121549	-8.22711	0.753533	1.17552	1.17552	0.0210118	0.240442	-4.15901
cg03240663	SIGLEC14	0.00124698	0.00718228	0.201329	-4.96698	0.0013619	0.11683	-8.55948	0.00370622	0.163486	-6.11673	0.0527181	0.361649	-2.76511	0.000499162	0.0808443	-12.3695
cg08339192	SIGLEC14	0.00155194	0.000397844	0.123158	-8.11968	0.000268596	0.108489	-9.21752	0.0230803	0.364423	-2.74407	0.0173513	0.340808	-2.9342	0.000537308	0.135255	-7.39343

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04461123	0.154289	0.665718	-1.50214	0.00062304	0.245515	-4.07307	0.185908	1.45387	1.45387	0.00388573	0.354339	-2.82215	9.14994	10.3173	1.0023	1
cg00598956	0.0341755	0.334327	-2.99108	0.0331291	0.331469	-3.01688	0.107593	0.45911	-2.17813	0.0549273	0.381009	-2.62461	7.57397	23.573	2.76655	1
cg24086068	0.123156	1.49354	1.49354	0.725118	0.918701	-1.08849	0.345768	1.26266	1.26266	0.938697	0.981695	-1.01865	7.38455	6.74712	0.81216	1
cg11258108	0.000341029	1.84766	1.84766	0.00784485	1.43771	1.43771	0.762851	1.03273	1.03273	0.734525	1.03688	1.03688	6.81126	1.22148	0.159406	1
cg13700250	0.985264	1.00315	1.00315	0.000667317	2.42852	2.42852	0.46645	1.13459	1.13459	0.0248649	0.634467	-1.57613	6.48772	2.98291	0.408691	1
cg20254658	0.475683	0.847251	-1.18029	0.0116142	0.48627	-2.05647	0.696473	1.09372	1.09372	0.040538	0.58242	-1.71697	6.04283	4.99848	0.735268	1
cg21619340	0.0516975	0.551213	-1.81418	0.00283747	3.02053	3.02053	0.318577	0.757839	-1.31954	0.0763309	0.588366	-1.69962	5.58752	6.40302	1.01862	1
cg09640555	0.00612237	0.295894	-3.37959	0.0184191	0.377801	-2.6469	0.176401	0.613089	-1.63108	0.407289	0.749345	-1.3345	5.54783	10.1816	1.63132	1
cg11615509	0.15306	0.454173	-2.20181	0.030957	0.270716	-3.69391	0.121507	0.420656	-2.37724	0.0434204	0.301769	-3.3138	5.20317	21.9264	3.74582	1
cg24201034	0.686313	1.2845	1.2845	0.0111061	7.12322	7.12322	0.0650553	3.58733	3.58733	0.0233086	5.32113	5.32113	5.03735	30.3381	5.35345	1
cg19600368	0.164482	0.807217	-1.23882	0.249186	1.18995	1.18995	0.80208	1.03693	1.03693	0.267147	0.846263	-1.18167	4.85401	1.60284	0.29352	1
cg14934522	0.992726	1.00254	1.00254	0.00160052	0.283013	-3.53341	0.0445473	1.90248	1.90248	0.903838	0.966863	-1.03427	4.78011	5.88517	1.09438	1
cg24137322	0.599225	1.12973	1.12973	0.626715	1.11934	1.11934	0.924227	0.978356	-1.02212	0.29067	0.777066	-1.28689	4.5803	3.83803	0.744838	1
cg19522262	0.253946	0.748336	-1.3363	0.543819	0.861121	-1.16128	0.00502185	0.405266	-2.46752	0.277088	0.759512	-1.31664	4.53927	4.25724	0.83366	1
cg17484699	0.195991	2.46022	2.46022	0.129769	2.93746	2.93746	0.152389	2.74363	2.74363	0.303521	2.01705	2.01705	4.21602	28.9434	6.1023	1
cg13593192	0.0384642	2.01259	2.01259	0.00897814	2.63573	2.63573	0.00888835	2.64081	2.64081	0.0995738	1.69296	1.69296	4.13223	5.56759	1.19765	1
cg18705541	0.689397	0.841695	-1.18808	0.177137	0.540455	-1.85029	0.378492	0.678689	-1.47343	0.434925	0.710537	-1.40739	3.77332	10.9966	2.5905	1
cg02413100	0.169879	1.28262	1.28262	0.0034645	1.96523	1.96523	0.603581	1.09328	1.09328	0.497691	0.8894	-1.12435	3.45635	1.58659	0.408033	1
cg23629643	0.294464	1.28425	1.28425	0.0153697	1.98257	1.98257	0.11245	0.67194	-1.48823	0.515427	0.859213	-1.16386	3.4366	2.88114	0.745218	1
cg27230396	0.466963	1.12756	1.12756	0.00554792	1.80577	1.80577	0.692027	1.0667	1.0667	0.102592	1.33602	1.33602	3.41885	1.42429	0.37031	1
cg27417997	0.0179274	0.402517	-2.48436	0.375299	0.749869	-1.33357	0.361046	0.743021	-1.34586	0.00536799	0.313545	-3.18933	4.09215	6.48595	1.40887	1
cg12841929	0.00277218	0.256157	-3.90386	3.16E-05	0.068836	-14.5273	0.852489	1.06337	1.06337	0.0438424	0.46548	-2.14832	13.4595	23.2252	1.53384	1
cg06172119	0.493154	0.823393	-1.21449	0.974369	0.99107	-1.00901	0.759626	1.08947	1.08947	0.186714	1.47816	1.47816	7.55887	9.33279	1.09749	1
cg03278754	0.733922	1.15711	1.15711	0.00599013	4.64768	4.64768	0.730121	1.15964	1.15964	0.58123	1.26907	1.26907	3.6422	10.5527	2.57541	1
cg25349350	0.000289423	0.365535	-2.73572	0.0809448	0.719361	-1.39012	0.83524	0.965171	-1.03609	0.764165	1.05255	1.05255	5.77238	2.64877	0.407884	1
cg21545467	0.842708	1.02937	1.02937	0.000984828	0.489892	-2.04127	0.81344	0.966146	-1.03504	0.512895	0.90785	-1.1015	4.34701	1.46115	0.298781	1
cg19715493	1.15E-06	0.0459314	-21.7716	0.000285956	0.235366	-4.24871	0.00965509	0.449379	-2.22529	1.85E-05	0.118701	-8.42449	38.2281	36.1148	0.839749	1
cg02165330	0.973366	0.992332	-1.00773	0.391029	0.816569	-1.22464	0.270129	1.30312	1.30312	0.0047389	0.42107	-2.3749	10.6449	8.96318	0.748456	1
cg09440782	0.393534	1.37978	1.37978	0.283452	1.50752	1.50752	0.574827	0.81159	-1.23215	3.05E-05	0.0497073	-20.1178	10.5062	22.5749	1.90997	1
cg22318304	?	?	?	0.268186	1.99074	1.99074	?	?	?	?	?	?	8.1474	20.2879	1.99208	1
cg08088511	0.200323	0.72483	-1.37963	0.000701718	0.292526	-3.4185	5.67E-05	5.92178	5.92178	0.0547249	0.595488	-1.6793	16.8784	15.1287	0.796742	1
cg06183001	0.00132563	2.49961	2.49961	0.918143	1.02037	1.02037	0.00203969	2.34688	2.34688	0.0073699	0.507861	-1.96904	9.99412	6.09339	0.541954	1
cg02631622	0.0323243	1.23633	1.23633	0.0381507	0.81594	-1.22558	0.183201	0.887326	-1.12698	0.354763	1.08392	1.08392	7.67611	0.871098	0.100873	1
cg06521835	0.100487	0.68634	-1.457	0.335809	0.812523	-1.23073	0.112165	0.696407	-1.43594	0.00095831	0.357336	-2.79849	7.23355	5.01308	0.616028	1
cg00041311	0.25535	1.44749	1.44749	0.09187	1.78238	1.78238	0.791213	0.920689	-1.08614	0.356303	0.744169	-1.34378	5.17599	7.95118	1.36548	1
cg04939900	0.152715	1.36732	1.36732	0.0272693	1.70511	1.70511	0.0415209	0.618711	-1.61626	0.679099	0.918536	-1.08869	4.45114	2.9414	0.587396	1
cg03712758	0.0263961	20.3229	20.3229	0.0147023	31.0395	31.0395	0.053973	12.2122	12.2122	0.0270452	19.9724	19.9724	4.95228	102.635	18.4221	1
cg02167757	0.0566872	0.502368	-1.99057	0.0188168	0.403226	-2.48	0.122742	1.70523	1.70523	0.175717	0.631601	-1.58328	4.45017	7.17855	1.43386	1
cg06907405	0.0671591	8.20166	8.20166	0.184279	4.23974	4.23974	0.0626013	8.57798	8.57798	0.0633908	8.50966	8.50966	4.10599	68.4107	14.8099	1
cg03104704	0.0830207	6.52914	6.52914	0.0249446	13.5781	13.5781	0.0277378	12.7236	12.7236	0.0415212	9.95191	9.95191	3.67218	55.5808	13.4539	1
cg16573542	0.0840259	7.04484	7.04484	0.0716076	7.80187	7.80187	0.0387711	11.5165	11.5165	0.0388904	11.4941	11.4941	3.39524	56.0774	14.6813	1
cg08209473	0.0529801	5.78469	5.78469	0.0145019	11.066	11.066	0.0136275	11.4241	11.4241	0.0438891	6.35035	6.35035	4.81945	48.6246	8.96821	1
cg05311589	0.0436517	7.87689	7.87689	0.0445817	7.78565	7.78565	0.0148918	14.3681	14.3681	0.0236451	11.0706	11.0706	4.77448	59.8783	11.1478	1
cg13590228	0.00480366	0.225648	-4.43169	0.000542306	0.117729	-8.49405	0.023382	0.340361	-2.93806	0.00150731	0.162173	-6.16625	9.81081	24.5953	2.2284	1
cg07663535	0.00332916	0.527772	-1.89476	0.63962	0.927359	-1.07833	0.930586	1.01403	1.01403	0.993225	1.00136	1.00136	9.18117	3.71855	0.360017	1
cg11178810	0.410485	0.844032	-1.18479	0.000159498	0.272512	-3.66957	0.811654	0.953044	-1.04927	0.868339	0.967128	-1.03399	5.37573	3.45569	0.571406	1
cg16963852	0.110087	0.422376	-2.36756	0.000914472	0.0860573	-11.6202	0.00385122	0.145537	-6.87112	0.0600891	0.350081	-2.85648	5.28346	20.4936	3.44784	1
cg15765380	0.0170084	0.270563	-3.69599	0.00417907	0.178348	-5.607	0.0251106	0.302172	-3.30937	0.136779	0.486737	-2.0545	4.97972	15.915	2.84086	1
cg00732656	0.0902883	0.626416	-1.59638	0.110652	0.646894	-1.54585	0.00356416	2.68966	2.68966	0.774199	0.93046	-1.07474	4.80178	4.775	0.883931	1
cg19352193	4.29E-05	5.88351	5.88351	0.108413	0.670801	-1.49075	0.0678926	1.59398	1.59398	1.08E-06	18.208	18.208	30.2046	24.8672	0.731814	1
cg00613224	0.00259067	1.76262	1.76262	0.372842	0.883189	-1.13226	0.000207957	2.32313	2.32313	1.15E-06	5.54323	5.54323	27.2014	7.9417	0.25952	1
cg26667946	0.0784736	1.8831	1.8831	0.128621	0.587529	-1.70204	3.58E-05	13.2156	13.2156	0.000100834	9.31873	9.31873	14.7067	24.424	1.47621	1
cg26194251	7.92E-05	0.182126	-5.4907	0.00514097	0.413846	-2.41636	0.21151	0.730351	-1.3692	0.000377357	0.257557	-3.88264	12.9865	11.7218	0.802327	1
cg08018585	0.0803549	2.49388	2.49388	0.224883	0.548506	-1.82313	0.000249357	17.248	17.248	0.000365836	14.7247	14.7247	8.6055	30.2501	3.12463	1
cg13901137	0.00464317	0.511016	-1.95689	0.00148333	2.26456	2.26456	0.100405	0.725493	-1.37837	0.0488749	0.669628	-1.49337	7.35965	3.70559	0.447556	1
cg14269973	0.288612	1.49137	1.49137	0.529082	0.793458	-1.26031	0.00118101	5.61895	5.61895	0.00042528	7.57411	7.57411	7.34562	15.315	1.85326	1
cg20997247	0.0115009	1.74097	1.74097	0.213915	0.794915	-1.258	0.933532	1.01474	1.01474	0.000358685	2.72985	2.72985	6.68982	3.25924	0.433061	1
cg24291490	0.085222	1.21637	1.21637	0.00383517	1.49357	1.49357	0.46588	1.07938	1.07938	0.206519	0.871847	-1.14699	5.7936	0.972189	0.149159	1
cg02017534	0.224653	1.49119	1.49119	0.163012	0.627196	-1.5944	0.00692656	2.98858	2.98858	0.000632199	5.18199	5.18199	5.7235	8.89666	1.3817	1
cg12358759	0.340714	0.818999	-1.221	0.0378927	1.6316	1.6316	0.178447	0.747713	-1.33741	0.0348721	0.606487	-1.64884	3.98949	2.61317	0.582233	1
cg10775278	0.567735	1.19519	1.19519	0.0970758	0.569936	-1.75458	0.351889	1.34417	1.34417	0.371383	1.32759	1.32759	3.69901	5.5842	1.34191	1
cg12979844	0.360818	1.3803	1.3803	0.201615	0.62962	-1.58826	0.0198427	2.62447	2.62447	0.00278055	4.11604	4.11604	3.58221	6.67809	1.6571	1
cg02674384	0.0781926	2.12302	2.12302	0.0455038	0.413783	-2.41672	0.000198746	11.072	11.072	0.000154902	12.1006	12.1006	11.9156	27.9337	2.08383	1
cg12596171	0.00148746	0.334161	-2.99257	0.00441595	0.40294	-2.48176	0.0019462	2.85287	2.85287	0.95077	1.01488	1.01488	15.8163	14.3343	0.805601	1
cg07074309	0.0188116	0.533228	-1.87537	0.0415533	1.68067	1.68067	0.31017	0.792935	-1.26114	0.0307415	0.570847	-1.75178	11.4425	8.84593	0.687181	1
cg23435567	0.0873389	1.72609	1.72609	0.0666757	1.81237	1.81237	0.461448	0.805074	-1.24212	0.0372279	2.01246	2.01246	5.19103	6.87588	1.1774	1
cg00726615	0.902762	0.941269	-1.0624	0.00820287	0.187322	-5.33841	0.295398	0.584298	-1.71146	0.979329	0.987252	-1.01291	4.39622	17.0744	3.45235	1
cg08267038	0.172513	0.46088	-2.16976	0.0036488	0.122718	-8.14878	0.0477552	0.298896	-3.34564	0.113994	0.399586	-2.50259	3.93257	17.7283	4.00716	1
cg19836460	0.421738	0.735188	-1.3602	0.14071	0.552134	-1.81116	0.000101845	13.197	13.197	0.710586	1.14994	1.14994	6.8805	15.3106	1.97798	1
cg16984132	0.281859	0.722505	-1.38407	5.49E-06	19.7941	19.7941	6.19E-06	18.879	18.879	0.992247	1.00283	1.00283	27.6568	36.9976	1.1891	1
cg24064506	0.0116057	0.577662	-1.73112	0.0132692	0.586414	-1.70528	0.0104372	1.752	1.752	0.40396	0.861979	-1.16012	9.30008	4.45523	0.425825	1
cg10023271	0.0745254	0.652107	-1.53349	0.155056	1.38744	1.38744	0.100329	1.47316	1.47316	0.01231	0.511295	-1.95582	7.72339	5.66453	0.651933	1
cg04237662	0.662994	0.698627	-1.43138	0.0678879	0.182512	-5.47908	?	?	?	0.238091	0.361675	-2.76491	5.9426	54.6838	8.05175	1
cg11029270	0.00447161	0.544709	-1.83584	0.399832	0.871005	-1.1481	0.816868	1.03787	1.03787	0.0484613	0.696797	-1.43514	4.47976	1.8218	0.361488	1
cg26574964	0.0730205	0.799905	-1.25015	0.207467	0.862068	-1.16	0.00819105	1.45902	1.45902	0.300992	1.12712	1.12712	3.60644	0.712114	0.175517	1
cg21137026	0.00848603	1.29336	1.29336	3.37E-05	0.540488	-1.85018	0.000415109	1.53546	1.53546	0.000815934	1.47161	1.47161	24.0025	2.22836	0.0825235	1
cg19202014	0.191789	0.721251	-1.38648	0.00114836	0.322991	-3.09607	0.00391504	2.50491	2.50491	0.000522227	3.59293	3.59293	15.3306	13.5777	0.787253	1
cg02996181	0.495892	0.874792	-1.14313	0.00380884	0.470034	-2.1275	2.63E-05	4.99618	4.99618	0.611876	0.905748	-1.10406	13.3686	7.9249	0.526932	1
cg13463639	0.00184864	0.350738	-2.85113	0.0100069	0.462668	-2.16138	0.00399058	0.399616	-2.5024	0.75731	0.929164	-1.07624	6.63077	5.90004	0.790932	1
cg11624233	0.557217	0.85527	-1.16922	0.0114219	0.434449	-2.30177	0.0038601	2.78764	2.78764	0.00721692	2.49201	2.49201	5.86349	6.44044	0.976353	1
cg03638795	0.0525923	0.33379	-2.99589	0.0285561	0.27626	-3.61978	0.632841	0.786905	-1.2708	0.264814	1.78365	1.78365	4.95663	19.4621	3.4902	1
cg15645463	0.000486683	0.272219	-3.67351	6.69E-05	0.175752	-5.68984	0.000443628	0.267232	-3.74207	0.00112181	0.319281	-3.13204	18.2558	16.377	0.797406	1
cg03140412	0.00590952	0.349841	-2.85844	0.013915	0.412254	-2.42569	1.72E-05	0.0765008	-13.0718	6.73E-05	0.118975	-8.40516	22.3937	30.1671	1.19744	1
cg02585906	0.00715156	0.371002	-2.6954	0.00011494	0.144963	-6.89831	5.16E-05	0.114987	-8.69665	0.000539675	0.21519	-4.64706	17.6039	22.7223	1.14733	1
cg02420146	0.000576981	0.13211	-7.56943	4.49E-05	0.05309	-18.8359	0.150903	0.557106	-1.79499	0.557498	1.25288	1.25288	16.8785	38.6071	2.0332	1
cg04029159	0.0129422	0.367955	-2.71772	0.00496924	0.29962	-3.33756	6.47E-05	0.0926542	-10.7928	0.000491025	0.170429	-5.86756	14.0082	23.3029	1.47868	1
cg11328127	0.032283	0.504024	-1.98403	0.00736872	2.5696	2.5696	0.0108094	0.416901	-2.39865	0.0203957	0.465882	-2.14647	11.1068	13.1375	1.0514	1
cg14707834	0.0504592	0.637946	-1.56753	0.000180944	0.278745	-3.58751	0.0114065	0.528108	-1.89355	0.017006	0.556125	-1.79816	8.49921	5.47222	0.572311	1
cg26201535	0.121943	0.635378	-1.57387	0.0311116	1.98271	1.98271	0.133544	1.54928	1.54928	0.742201	0.914572	-1.09341	7.54805	8.74908	1.03033	1
cg01471232	0.0214492	0.325432	-3.07284	0.0355018	0.369917	-2.70331	0.0359536	0.371101	-2.69468	0.00598588	0.232345	-4.30394	7.13637	18.6551	2.32363	1
cg17376853	0.863701	1.1247	1.1247	0.103029	0.295269	-3.38674	0.0756793	3.86653	3.86653	0.641326	0.725503	-1.37835	5.4444	40.3391	6.58603	1
cg12072972	0.949243	1.02755	1.02755	0.0701756	0.421455	-2.37273	0.0743464	2.33654	2.33654	0.224869	0.580349	-1.7231	4.06757	11.7367	2.56484	1
cg15311460	0.270201	0.638629	-1.56585	0.378174	1.42357	1.42357	0.02625	2.80026	2.80026	0.0344029	2.6215	2.6215	4.02323	9.72104	2.14776	1
cg14897765	0.230487	0.588795	-1.69839	0.170041	1.85026	1.85026	0.0539247	2.51262	2.51262	0.741685	1.14944	1.14944	3.98145	11.1792	2.49584	1
cg08017880	0.17504	0.816796	-1.2243	0.0182898	0.669099	-1.49455	0.114221	0.785794	-1.2726	0.511189	0.910743	-1.098	3.90005	1.21592	0.277129	1
cg23029021	0.131333	0.721231	-1.38652	2.37E-06	0.0999489	-10.0051	0.00657051	0.492557	-2.03022	0.000157498	0.273366	-3.6581	27.2294	17.3561	0.566581	1
cg15271461	0.029751	0.407033	-2.4568	0.00189649	0.212968	-4.69555	0.0871616	0.514939	-1.94198	0.00923778	0.313166	-3.19319	6.76625	13.2321	1.73831	1
cg03478070	0.464107	0.867005	-1.1534	0.00687206	1.95483	1.95483	0.879262	0.971307	-1.02954	0.415169	1.17294	1.17294	5.01485	2.91334	0.516393	1
cg01426903	0.0157065	0.441381	-2.26562	0.0155216	0.44046	-2.27035	0.0260483	0.48213	-2.07413	0.14511	0.649072	-1.54066	4.90419	5.9263	1.07415	1
cg14010015	0.117087	1.41853	1.41853	0.537896	1.13666	1.13666	0.215956	0.765337	-1.30661	0.843272	0.960162	-1.04149	3.63914	2.43095	0.593777	1
cg03934257	0.00458346	0.675356	-1.4807	0.972294	0.996395	-1.00362	0.893219	1.01407	1.01407	0.273186	0.888163	-1.12592	14.915	2.55497	0.152268	1
cg03582327	1.32E-06	0.178837	-5.59169	0.965655	1.006	1.006	0.0911992	1.29489	1.29489	9.54E-06	0.265704	-3.76359	97.2	29.7058	0.271658	1
cg08844849	0.0453416	0.506486	-1.97439	1.34E-05	0.0671823	-14.8849	0.42085	1.27592	1.27592	0.0019016	0.27156	-3.68243	14.0184	19.4929	1.23602	1
cg18778827	0.216617	1.33146	1.33146	0.146627	1.40924	1.40924	0.129575	1.43417	1.43417	0.000932244	0.3369	-2.96824	13.0222	9.99918	0.68254	1
cg19503700	0.299775	0.801808	-1.24718	0.0439204	1.60958	1.60958	0.514162	1.14567	1.14567	0.567246	0.887925	-1.12622	7.24185	4.84609	0.594825	1
cg03597525	0.316436	0.627491	-1.59365	0.00240582	0.149213	-6.70184	0.0864755	0.426516	-2.34458	0.0458391	0.357022	-2.80094	5.53405	17.7451	2.85025	1
cg00481739	0.542075	1.27083	1.27083	0.000519278	0.122193	-8.1838	0.411842	1.38522	1.38522	0.184471	0.578882	-1.72747	4.89416	11.6896	2.1231	1
cg17215680	0.163643	0.469861	-2.12829	0.00242504	0.117031	-8.54475	0.831991	0.897676	-1.11399	0.116636	0.420533	-2.37794	3.93814	16.1026	3.63456	1
cg16511225	0.718055	0.853804	-1.17123	0.0013355	0.130955	-7.63624	0.709202	1.17738	1.17738	0.20929	0.561657	-1.78045	3.67249	11.052	2.67502	1
cg11320438	0.000102405	0.326924	-3.05882	3.47E-06	0.169532	-5.89859	1.00E-04	0.325661	-3.07068	0.0045258	0.54067	-1.84956	30.7793	12.8819	0.372023	1
cg04784724	0.0668562	0.64601	-1.54796	5.82E-06	0.11445	-8.73741	0.000650624	0.328936	-3.0401	0.00106836	0.357632	-2.79617	21.1437	15.1464	0.636762	1
cg22187733	0.00073032	0.264957	-3.7742	4.78E-06	0.0667598	-14.9791	0.00216463	0.328434	-3.04475	0.145913	0.667772	-1.49752	20.2313	21.438	0.941908	1
cg03283694	0.0841188	0.574728	-1.73995	0.000484607	0.204847	-4.88168	0.000757581	0.227719	-4.39138	0.0134187	0.41176	-2.4286	16.9446	22.5409	1.18246	1
cg24311282	0.00017102	0.27942	-3.57884	0.089904	1.45225	1.45225	0.255116	0.788874	-1.26763	0.189931	0.757977	-1.3193	6.67246	4.21008	0.560856	1
cg18986165	0.715886	0.906465	-1.10319	2.12E-06	0.043772	-22.8456	0.00979557	0.41588	-2.40454	0.0156382	0.451038	-2.21711	27.8596	31.8478	1.01614	1
cg12013571	0.0011532	0.275551	-3.6291	5.06E-05	0.128681	-7.77114	0.000291712	0.203132	-4.9229	0.046257	0.539951	-1.85202	18.6024	21.4616	1.02551	1
cg04336859	0.456286	0.713596	-1.40135	0.000366617	0.0790117	-12.6563	0.00365379	0.174056	-5.74529	0.0797392	0.421126	-2.37459	11.9834	37.54	2.7846	1
cg13981787	0.497693	0.730253	-1.36939	5.09E-05	0.03125	-32	0.59764	0.784106	-1.27534	0.0391615	0.336259	-2.97389	9.52639	31.4584	2.93532	1
cg17872326	0.0664989	0.451709	-2.21381	0.0178931	0.329097	-3.03862	0.209906	0.600309	-1.66581	0.556441	0.794752	-1.25825	9.40463	22.2148	2.09965	1
cg02381385	0.0536681	0.321423	-3.11117	0.00111114	0.083016	-12.0459	0.300357	0.573543	-1.74355	0.0531261	0.320375	-3.12134	4.8279	20.5171	3.77751	1
cg02695074	0.026751	0.521407	-1.91789	5.98E-06	0.0804294	-12.4333	0.0831251	1.60971	1.60971	0.0012962	0.312592	-3.19906	20.5532	20.0427	0.866811	1
cg27380412	0.428651	0.840539	-1.18971	6.46E-05	0.20632	-4.84683	0.0332039	0.585552	-1.70779	0.409192	0.834048	-1.19897	17.9852	13.1649	0.650652	1
cg25969123	0.0825623	0.689059	-1.45125	0.00556898	0.493959	-2.02446	0.00995949	0.532358	-1.87843	0.00277605	0.449769	-2.22336	11.4438	6.79978	0.52817	1
cg04698472	0.336081	1.31958	1.31958	0.940251	1.02118	1.02118	0.0355286	0.504476	-1.98226	0.149446	1.54054	1.54054	6.70417	8.29951	1.10041	1
cg27086014	0.642277	0.786499	-1.27146	0.000390889	0.0549265	-18.2062	0.159297	0.461994	-2.16453	0.201226	0.500097	-1.99961	7.37072	30.7683	3.71057	1
cg03240663	0.55921	0.761275	-1.31359	0.000285821	0.064844	-15.4216	0.00154321	0.122026	-8.19499	0.0845298	0.414279	-2.41383	11.0499	37.3296	3.00291	1
cg08339192	0.0381521	0.409516	-2.44191	0.45559	0.754022	-1.32622	0.0144697	0.326448	-3.06327	0.120204	0.534597	-1.87057	10.3773	22.6852	1.94315	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26868299	SIGLEC14	0.00252185	0.853918	1.07842	1.07842	0.335358	0.665692	-1.5022	0.00116021	0.141663	-7.05898	0.226674	0.594559	-1.68192	0.000240071	0.0829262	-12.0589
cg16034991	SIGLEC14	0.00402218	0.00523206	0.216043	-4.62871	0.442364	0.721933	-1.38517	0.0187713	0.305918	-3.26885	0.0266737	0.335402	-2.9815	0.000159206	0.0682249	-14.6574
cg25028162	SIGLEC14	0.00492668	0.00181304	0.128814	-7.76315	0.000850262	0.0985707	-10.145	0.0202222	0.274129	-3.64792	0.0326684	0.315003	-3.17458	0.00287542	0.150347	-6.65129
cg21550812	SIGLEC14	0.020121	0.428679	0.612889	-1.63162	0.00630242	0.115813	-8.63459	0.0127332	0.153267	-6.52455	0.0515885	0.261191	-3.82862	0.00303415	0.085331	-11.7191
cg19397321	SIGLEC15	8.09E-07	0.00847006	0.694879	-1.4391	0.000298837	0.528723	-1.89135	1.71E-05	0.38468	-2.59957	0.436363	1.0898	1.0898	3.76E-05	0.424286	-2.3569
cg26571002	SIGLEC15	0.000323368	0.00144801	0.281218	-3.55596	0.0396243	0.518978	-1.92686	0.000235361	0.186299	-5.3677	0.0181322	0.45342	-2.20546	0.000493344	0.222275	-4.49893
cg14729980	SIGLEC15	0.00106888	0.000854773	0.157683	-6.34184	0.0659452	0.46733	-2.13981	0.000621493	0.143483	-6.96949	0.0469303	0.43229	-2.31326	0.26025	0.648558	-1.54188
cg24030138	SIGLEC15	0.00111627	0.00779701	0.506079	-1.97598	0.00669229	0.495916	-2.01647	0.0198962	0.570984	-1.75136	0.829951	0.958024	-1.04381	0.0276949	0.595149	-1.68025
cg07838730	SIGLEC15	0.00546872	0.0105976	0.326059	-3.06693	0.650818	1.17218	1.17218	0.00364025	0.25372	-3.94135	0.369952	0.725416	-1.37852	0.0120238	0.335504	-2.98059
cg07869839	SIGLEC15	0.0094451	0.030579	2.6553	2.6553	?	?	?	0.214807	1.65183	1.65183	0.823281	0.917623	-1.08977	0.484048	0.760838	-1.31434
cg13741394	SIGLEC15	0.0297116	0.505481	1.34187	1.34187	0.0542154	2.58797	2.58797	0.36284	1.50236	1.50236	0.00655489	4.65054	4.65054	0.0378671	0.350678	-2.85162
cg22801149	SIGLEC16	3.40E-05	0.76168	0.95769	-1.04418	0.750964	0.955756	-1.04629	3.27E-05	0.317608	-3.14853	0.0543379	0.733214	-1.36386	1.49E-06	0.176517	-5.66517
cg20144488	SIGLEC16	0.000383931	0.000427058	0.255803	-3.90925	0.00696368	0.425955	-2.34767	0.00747538	0.4309	-2.32072	0.115575	0.65824	-1.5192	0.000546775	0.269047	-3.71682
cg20454486	SIGLEC16	0.0484243	0.0274336	0.251578	-3.97491	0.0332438	0.268056	-3.73057	0.0283256	0.254256	-3.93305	0.171733	0.463179	-2.15899	0.00598976	0.149534	-6.68744
cg24205048	SIGLEC5	0.00722327	0.00132218	0.217278	-4.6024	0.0058489	0.307539	-3.25162	0.0218832	0.407019	-2.45689	0.0485232	0.478783	-2.08863	0.00285232	0.261375	-3.82592
cg03264071	SIGLEC5	0.0105753	0.00221995	0.40743	-2.45441	0.994637	1.00141	1.00141	0.0328422	0.592774	-1.68698	0.0342873	0.596114	-1.67753	0.725639	1.0766	1.0766
cg09488502	SIGLEC5	0.0197798	?	?	?	0.0565843	0.439916	-2.27316	0.0124337	0.306177	-3.26608	0.679221	0.853665	-1.17142	0.00431851	0.234194	-4.26997
cg27347523	SIGLEC5	0.0232012	0.457363	1.37889	1.37889	0.143954	0.513547	-1.94724	0.00305805	0.178721	-5.59532	0.249155	0.59971	-1.66747	0.0601141	0.406487	-2.4601
cg25433666	SIGLEC6;SIGLEC6;SIGLEC6	0.000431207	0.000439516	0.186226	-5.36983	0.000198083	0.150668	-6.63713	0.0031238	0.294252	-3.39844	0.0179524	0.418744	-2.38809	0.000692143	0.208587	-4.79417
cg12008991	SIGLEC6;SIGLEC6;SIGLEC6	0.000747568	0.181817	1.33099	1.33099	0.00489676	0.47129	-2.12183	0.989271	0.997291	-1.00272	0.808453	1.05022	1.05022	0.0519481	1.56225	1.56225
cg07056606	SIGLEC6;SIGLEC6;SIGLEC6	0.00453775	0.0227854	0.482069	-2.07439	0.00319896	0.340417	-2.93758	0.0410186	0.531863	-1.88018	0.20627	1.42897	1.42897	0.0352095	0.518511	-1.9286
cg07761781	SIGLEC6;SIGLEC6;SIGLEC6	0.0156988	0.0214629	0.360761	-2.77192	0.00256376	0.213673	-4.68004	0.0696639	0.472981	-2.11425	0.131939	0.548788	-1.8222	0.136735	0.553457	-1.80683
cg19917915	SIGLEC6;SIGLEC6;SIGLEC6	0.0163714	0.0453722	0.358162	-2.79203	0.036871	0.338091	-2.95778	0.00396332	0.176721	-5.65863	0.16527	0.515786	-1.93879	0.0348148	0.332734	-3.00541
cg18614779	SIGLEC6;SIGLEC6;SIGLEC6	0.0164357	0.192946	0.42716	-2.34105	0.00437006	0.0953459	-10.4881	0.0350705	0.219618	-4.55337	0.239605	0.467564	-2.13874	0.0187633	0.17238	-5.80113
cg04297995	SIGLEC6;SIGLEC6;SIGLEC6	0.0484301	0.114343	0.30908	-3.23541	0.930701	1.06127	1.06127	0.0503223	0.217556	-4.59651	0.097474	0.288454	-3.46676	0.00909656	0.103751	-9.63849
cg16293105	SIGLEC6;SIGLEC6;SIGLEC6;SIGLEC6;SIGLEC6;SIGLEC6	0.005181	0.0026065	0.159746	-6.25992	0.0229974	0.302397	-3.30691	0.249248	0.58881	-1.69834	0.177949	0.53281	-1.87684	0.0031985	0.170312	-5.87156
cg00833257	SIGLEC7;SIGLEC7	3.12E-05	1.44E-05	0.106601	-9.38081	0.000122731	0.189872	-5.26672	8.21E-05	0.172144	-5.80908	0.00213514	0.343144	-2.91423	0.00012819	0.191848	-5.21246
cg00447110	SIGLEC7;SIGLEC7	0.000253567	0.2758	0.740687	-1.3501	0.114071	1.57641	1.57641	0.00356856	0.351597	-2.84417	0.00370466	0.35404	-2.82454	0.00678825	0.395001	-2.53164
cg06367655	SIGLEC7;SIGLEC7	0.000258596	0.0662261	0.745999	-1.34048	0.391676	0.882661	-1.13294	0.000666589	0.476755	-2.09751	0.953944	0.991819	-1.00825	0.383718	1.13545	1.13545
cg23458892	SIGLEC7;SIGLEC7	0.00605283	0.0519707	0.605421	-1.65174	0.710632	0.918896	-1.08826	0.0144214	0.504399	-1.98256	0.285679	0.777501	-1.28617	0.0177816	0.519925	-1.92335
cg14133643	SIGLEC7;SIGLEC7	0.00830633	0.039093	0.382649	-2.61336	0.0222953	0.332268	-3.00962	0.00316033	0.197405	-5.06572	0.000916782	0.136279	-7.33789	0.00644219	0.240418	-4.15942
cg01193293	SIGLEC7;SIGLEC7	0.00986974	0.125181	0.48004	-2.08316	0.284745	1.63449	1.63449	0.00398076	0.180523	-5.53946	0.507909	0.743034	-1.34583	0.0147814	0.265443	-3.76729
cg22911650	SIGLEC7;SIGLEC7	0.0104256	0.00296713	0.27273	-3.66664	0.0268626	2.30569	2.30569	0.103875	0.567443	-1.76229	0.010482	0.358283	-2.79109	0.534788	1.22176	1.22176
cg17923401	SIGLEC7;SIGLEC7	0.0118339	0.387644	1.3959	1.3959	0.0963508	1.98921	1.98921	0.25379	0.638324	-1.5666	0.669446	0.850641	-1.17558	0.134937	0.544952	-1.83502
cg27040525	SIGLEC8	7.21E-06	1.81E-06	0.167	-5.98801	0.0896748	0.754633	-1.32515	9.86E-05	0.353262	-2.83076	0.264046	0.839307	-1.19146	1.57E-06	0.161643	-6.18646
cg02427831	SIGLEC8	0.000247346	8.96E-05	0.109966	-9.09372	4.42E-05	0.0873631	-11.4465	0.0172267	0.400958	-2.49403	0.110452	0.578225	-1.72943	0.00981481	0.357711	-2.79556
cg26980954	SIGLEC8	0.0244587	0.0482565	0.21197	-4.71766	0.0124513	0.11796	-8.47744	0.126167	0.320691	-3.11826	0.279676	0.461889	-2.16502	0.0152418	0.128972	-7.75361
cg22767164	SIGLEC8	0.0479527	0.0486521	0.259961	-3.84672	0.0851498	0.320241	-3.12265	0.116473	0.360451	-2.7743	0.364135	0.572413	-1.74699	0.0320677	0.222625	-4.49186
cg17521120	SIGLEC8;SIGLEC8	0.000781773	0.000282087	0.171732	-5.82302	0.00122248	0.245514	-4.07308	0.00259332	0.289671	-3.4522	0.197819	0.667603	-1.4979	0.00100544	0.234756	-4.25974
cg25261331	SIGLEC9	0.000862304	0.0014907	0.448726	-2.22853	0.146298	0.761234	-1.31366	0.000136605	0.315215	-3.17244	0.0301348	0.640116	-1.56222	0.0450842	0.668812	-1.49519
cg13407883	SIGLEC9	0.00230557	0.00285098	0.55027	-1.81729	0.00634736	0.596377	-1.67679	9.21E-05	0.362138	-2.76138	0.0232314	0.673905	-1.48389	0.00473482	0.579375	-1.726
cg05670991	SIGLEC9	0.00544932	0.0236245	0.514288	-1.94444	0.175084	0.701264	-1.426	0.00205171	0.343412	-2.91195	0.00746296	0.428408	-2.33422	0.536476	0.85725	-1.16652
cg14595786	SIGLEC9	0.0113674	0.326019	0.675213	-1.48102	0.687306	1.16965	1.16965	0.0121676	0.298157	-3.35393	0.0533153	0.427352	-2.33999	0.00276959	0.202256	-4.94423
cg17761772	SIGLEC9	0.0129438	0.0111017	0.199247	-5.0189	0.182557	0.488369	-2.04763	0.0241197	0.256006	-3.90616	0.0413058	0.303467	-3.29525	0.00889757	0.185173	-5.40036
cg20681626	SIGLEC9	0.0290498	0.028256	0.408462	-2.44821	0.956249	1.01915	1.01915	0.00312193	0.24731	-4.04351	0.125828	0.564072	-1.77282	0.171102	0.604262	-1.65491
cg02412123	SIGLEC9;SIGLEC9	0.00391054	0.249298	0.762083	-1.31219	0.559774	0.875407	-1.14233	0.00292903	0.397642	-2.51482	0.000386179	0.278676	-3.5884	0.0643803	0.625699	-1.59821
cg08861404	SIGLECP3	0.000271618	0.00646027	0.380869	-2.62557	0.0446803	0.533504	-1.8744	2.14E-05	0.0971545	-10.2929	0.19184	0.686177	-1.45735	0.463457	0.815934	-1.22559
cg24299389	SIGLECP3	0.000311329	0.000102397	0.187146	-5.34343	0.0118709	2.1496	2.1496	0.00448642	0.397235	-2.5174	0.820952	1.05679	1.05679	0.000282229	0.235492	-4.24644
cg21982437	SIGLECP3	0.00123327	0.00232405	0.202798	-4.93101	0.000548087	0.133446	-7.49368	0.0356207	0.399493	-2.50317	0.0141792	0.321313	-3.11223	0.109734	0.519895	-1.92347
cg22658316	SIGLECP3	0.00222291	0.00348733	0.342738	-2.91768	0.0280416	0.496086	-2.01578	6.74E-05	0.139279	-7.17986	0.80998	0.936998	-1.06724	0.145426	0.65553	-1.52548
cg02018326	SIGLECP3	0.0097568	0.000773377	0.116454	-8.58711	0.122534	2.02802	2.02802	0.0309558	0.342881	-2.91646	0.142603	0.513809	-1.94625	0.0749654	0.432603	-2.31159
cg00365692	SIGLECP3	0.0189997	0.0612127	0.488037	-2.04903	0.155575	0.596446	-1.6766	0.0432429	0.453495	-2.2051	0.00884602	0.321956	-3.10601	0.0778369	0.513532	-1.9473
cg00226340	SIGMAR1;SIGMAR1	0.00341414	0.71907	1.08667	1.08667	0.00259376	0.382741	-2.61273	0.92068	0.977342	-1.02318	0.457058	0.840066	-1.19038	0.548219	1.15005	1.15005
cg10524192	SIGMAR1;SIGMAR1	0.0220441	0.0842334	0.597655	-1.67321	0.22735	0.710701	-1.40706	0.0380056	0.522992	-1.91207	0.0021193	0.312207	-3.203	0.0125014	0.432875	-2.31013
cg17610755	SIK1	0.00262294	0.0117089	0.365804	-2.7337	0.00749603	0.333199	-3.00121	0.907921	1.03763	1.03763	0.386456	1.32773	1.32773	0.0516614	0.493037	-2.02824
cg27150788	SIK1	0.00302137	0.913887	0.978903	-1.02155	0.303563	1.23375	1.23375	0.0578501	1.52612	1.52612	0.0615017	1.51472	1.51472	0.000134168	0.271376	-3.68492
cg17897313	SIK1	0.00334374	0.830628	0.97583	-1.02477	0.504184	1.08049	1.08049	0.0212086	1.37222	1.37222	0.119237	1.21303	1.21303	0.000627326	0.548508	-1.82313
cg07494518	SIK1	0.00522173	0.0245324	0.817259	-1.2236	0.00141834	1.41609	1.41609	0.89416	1.01008	1.01008	0.163431	0.893999	-1.11857	0.205009	1.10599	1.10599
cg22115994	SIK1	0.0237408	0.259016	0.638342	-1.56656	0.00642293	0.25889	-3.86264	0.00178525	0.183644	-5.44532	0.0213579	0.348431	-2.87001	0.0581508	0.4421	-2.26193
cg02021606	SIK1	0.0245182	0.00987623	0.455927	-2.19333	0.0258066	0.528524	-1.89206	0.947454	1.016	1.016	0.153111	0.691728	-1.44566	0.123055	0.668665	-1.49552
cg15777964	SIK1	0.0368699	0.735101	0.85651	-1.16753	0.00121969	8.65905	8.65905	0.150871	0.495519	-2.01809	0.849303	1.09063	1.09063	0.126181	0.470168	-2.1269
cg25073614	SIK1	0.0387112	0.172979	0.806087	-1.24056	0.183516	0.810778	-1.23338	0.342048	0.86457	-1.15664	0.485853	1.11101	1.11101	0.0284861	0.680939	-1.46856
cg22882446	SIK2	7.52E-06	0.470907	0.900884	-1.11002	0.00366356	1.74926	1.74926	8.59E-06	0.252309	-3.96339	2.04E-05	0.293701	-3.40482	7.97E-06	0.248794	-4.01939
cg11936381	SIK2	0.000709594	0.0180811	0.600651	-1.66486	0.221978	1.25594	1.25594	0.076274	1.41928	1.41928	0.0951996	1.3847	1.3847	0.202349	0.787442	-1.26993
cg02051688	SIK2	0.00156375	0.00226441	0.221844	-4.50767	0.0038335	0.255364	-3.91599	0.00156919	0.200189	-4.99527	0.0128986	0.344358	-2.90395	0.00533363	0.277908	-3.59832
cg19812747	SIK2	0.00244077	0.0107287	0.503522	-1.98601	0.15223	0.720225	-1.38845	0.00148465	0.374989	-2.66675	0.0962149	0.676452	-1.4783	0.00100042	0.351501	-2.84494
cg24368962	SIK2	0.00258852	0.233707	0.904021	-1.10617	0.00189923	1.42708	1.42708	0.205053	1.11412	1.11412	0.569089	0.954555	-1.04761	0.000535142	0.646959	-1.54569
cg10283277	SIK2	0.00741624	0.0176718	0.598877	-1.66979	0.0015236	2.24992	2.24992	0.114682	1.35635	1.35635	0.0563026	0.681135	-1.46814	0.246668	0.806357	-1.24015
cg10797910	SIK2	0.0112065	0.100801	1.91928	1.91928	0.181981	0.599699	-1.6675	0.479164	1.29425	1.29425	0.293366	1.47997	1.47997	0.246678	0.646474	-1.54685
cg12234896	SIK2;SIK2	0.0234538	0.0286802	0.534981	-1.86923	0.966024	1.01038	1.01038	0.615454	0.884485	-1.1306	0.00245643	0.36021	-2.77616	0.00260821	0.363993	-2.74731
cg23306832	SIK3	0.00769639	0.0836439	0.743794	-1.34446	0.340856	1.16386	1.16386	0.0200292	1.54321	1.54321	0.0161561	0.634483	-1.57609	0.00416771	0.552333	-1.8105
cg09458566	SIK3	0.013725	0.00963433	0.200189	-4.99529	0.053617	0.340978	-2.93274	0.104833	0.418885	-2.38729	0.503846	1.39516	1.39516	0.0271445	0.276955	-3.61069
cg20608306	SIK3	0.0163325	0.578255	0.757329	-1.32043	0.00903454	5.16834	5.16834	0.452099	1.46105	1.46105	0.139611	2.19634	2.19634	0.0156718	0.230816	-4.33245
cg15332812	SIK3	0.0248938	0.811787	1.05605	1.05605	0.0049992	0.42771	-2.33803	0.0299444	0.557709	-1.79305	0.609294	1.12508	1.12508	0.531519	1.15593	1.15593
cg09230221	SIK3	0.0271004	0.126901	0.729217	-1.37133	0.841017	1.03916	1.03916	0.228504	0.785259	-1.27347	0.116419	1.38584	1.38584	0.0152543	0.565591	-1.76806
cg18234543	SIK3	0.0271513	0.563422	0.788808	-1.26774	0.744141	0.875459	-1.14226	0.00638255	0.236568	-4.22712	0.479292	1.33922	1.33922	0.881547	0.94124	-1.06243
cg05256304	SIK3	0.0271725	0.290599	0.484756	-2.06289	0.0175533	6.74028	6.74028	0.211808	2.38314	2.38314	0.387978	1.79354	1.79354	0.00521703	0.0877376	-11.3976
cg16858415	SIK3	0.0406802	0.704912	0.94195	-1.06163	0.110429	1.31906	1.31906	0.376626	1.15381	1.15381	0.323268	1.17474	1.17474	0.100705	0.750936	-1.33167
cg19160629	SIK3	0.0433199	0.399846	0.709124	-1.41019	0.0407988	2.56453	2.56453	0.349973	1.4677	1.4677	0.88549	0.944149	-1.05915	0.213312	1.68654	1.68654
cg06928797	SIK3	0.0453676	0.0901632	0.616257	-1.6227	0.657146	1.12277	1.12277	0.0827601	0.607733	-1.64546	0.983619	0.994692	-1.00534	0.73356	1.09261	1.09261
cg06313880	SIKE1;SIKE1	0.000134249	0.213557	0.803493	-1.24457	0.0824573	1.37894	1.37894	0.000271009	0.368863	-2.71104	0.53522	1.11059	1.11059	2.47E-06	0.148467	-6.73551
cg14272177	SIKE1;SIKE1	0.000185879	0.444174	0.90591	-1.10386	0.125616	0.810616	-1.23363	0.132486	1.22831	1.22831	6.52E-05	0.395088	-2.53108	1.17E-05	0.308528	-3.2412
cg11734289	SIKE1;SIKE1	0.000245774	0.0949172	1.29794	1.29794	0.024418	0.683144	-1.46382	0.0022876	0.545559	-1.83298	0.0060018	0.60036	-1.66567	0.0165763	0.659791	-1.51563
cg21859597	SIKE1;SIKE1	0.00934147	?	?	?	0.331037	1.60124	1.60124	0.260332	1.73516	1.73516	0.978149	0.987226	-1.01294	0.370639	0.649517	-1.53961
cg10709494	SIKE1;SIKE1	0.0204493	0.808385	1.20502	1.20502	0.837333	0.854024	-1.17093	0.907869	1.09293	1.09293	0.897574	1.10391	1.10391	0.0133991	0.0952943	-10.4938
cg19738353	SIKE1;SIKE1;SIKE1;SIKE1	0.00358439	0.695096	0.966566	-1.03459	0.000119096	0.559305	-1.78793	0.133984	0.869774	-1.14972	0.0788633	0.844958	-1.18349	0.036768	0.811039	-1.23299
cg19025497	SIL1;SIL1	4.24E-05	0.873367	1.01537	1.01537	0.000255536	0.562176	-1.7788	0.000264809	0.563883	-1.77342	0.15992	0.866241	-1.15441	9.30E-06	0.400293	-2.49817
cg14744511	SIL1;SIL1	8.70E-05	3.69E-06	0.164088	-6.09428	0.00101463	0.443255	-2.25604	0.0134291	0.599957	-1.66679	0.866173	0.972243	-1.02855	0.574919	1.09919	1.09919
cg19527159	SIL1;SIL1	0.000261779	0.622543	0.88757	-1.12667	0.0028633	2.68133	2.68133	3.42E-05	6.87403	6.87403	0.0629509	0.604794	-1.65346	0.00164233	0.33836	-2.95543
cg15710554	SIL1;SIL1	0.000638144	0.0173183	0.564061	-1.77286	0.0183333	0.568104	-1.76024	0.013959	0.548925	-1.82174	0.00891317	0.518234	-1.92963	1.69E-05	0.174643	-5.72596
cg17639983	SIL1;SIL1	0.00117482	6.97E-05	0.110071	-9.08505	0.102811	0.581408	-1.71996	0.647937	0.869629	-1.14992	0.587897	1.18085	1.18085	0.945546	0.97946	-1.02097
cg25079031	SIL1;SIL1	0.00118189	0.148923	1.20668	1.20668	8.66E-05	0.425338	-2.35107	0.0195344	0.709965	-1.40852	0.389296	1.11302	1.11302	0.144663	0.826833	-1.20943
cg24650915	SIL1;SIL1	0.00315357	0.824897	1.06335	1.06335	0.130104	1.57334	1.57334	0.0342955	0.504358	-1.98272	0.997981	0.999299	-1.0007	0.000205758	0.178438	-5.6042
cg13326338	SIL1;SIL1	0.00354891	0.00564487	0.510174	-1.96011	0.83761	1.03876	1.03876	0.020385	0.595745	-1.67857	0.555493	0.895395	-1.11682	0.00225228	0.45283	-2.20833
cg13906121	SIL1;SIL1	0.00767136	0.54185	1.06071	1.06071	0.42777	0.925638	-1.08034	0.00206489	1.51302	1.51302	0.037332	0.794028	-1.2594	0.180277	0.873017	-1.14545
cg06669752	SIL1;SIL1	0.0145705	0.164888	0.585811	-1.70703	0.151569	1.7412	1.7412	0.719598	0.877993	-1.13896	0.464738	1.30807	1.30807	0.000804763	0.161159	-6.20504
cg10921890	SIL1;SIL1	0.0160493	0.447722	0.854488	-1.17029	0.226873	1.29414	1.29414	0.714326	1.07758	1.07758	0.551299	0.884703	-1.13032	0.510207	0.873062	-1.14539
cg14841929	SIL1;SIL1	0.0183676	0.0543662	0.57628	-1.73527	0.309239	1.30431	1.30431	0.721739	0.913673	-1.09448	0.790236	1.06963	1.06963	0.00127467	0.305323	-3.27522
cg00213331	SIL1;SIL1	0.0256567	0.0847856	0.722826	-1.38346	0.587093	1.09787	1.09787	0.0486612	0.681493	-1.46737	0.259334	1.22187	1.22187	0.509315	0.892264	-1.12074
cg04025739	SIL1;SIL1	0.0284091	0.048371	0.303771	-3.29195	0.00201898	0.100195	-9.98056	0.0461573	0.29914	-3.34292	0.0380021	0.28065	-3.56315	0.145071	0.437529	-2.28556
cg07536018	SIL1;SIL1	0.0287667	0.0152051	0.190919	-5.23781	0.0593151	0.306545	-3.26216	0.389643	0.612866	-1.63168	0.0743964	0.331529	-3.01633	0.00246278	0.0964472	-10.3684
cg21507078	SIL1;SIL1	0.0345681	0.0252812	0.22416	-4.46109	0.0627501	0.308132	-3.24537	?	?	?	0.108341	0.373511	-2.6773	0.0248064	0.222667	-4.49102
cg06416831	SIL1;SIL1	0.0435621	0.441413	0.806991	-1.23917	0.0119657	0.424621	-2.35504	0.0150235	0.441939	-2.26276	0.12555	1.57284	1.57284	0.0382885	0.519	-1.92678
cg18036888	SIL1;SIL1;SIL1;SIL1	0.029691	0.442601	1.14961	1.14961	0.153923	1.31238	1.31238	0.165675	0.768516	-1.30121	0.516695	0.889508	-1.12422	0.672786	0.927142	-1.07858
cg08869883	SILV	5.10E-05	1.01E-05	0.35535	-2.81413	0.495241	0.92716	-1.07856	0.0401458	1.29561	1.29561	0.00500581	1.50019	1.50019	0.00022268	0.511078	-1.95665
cg01810863	SILV;CDK2;CDK2	0.00434445	0.581576	0.906464	-1.10319	0.00358136	0.498533	-2.00588	0.00179673	0.456753	-2.18937	0.111083	0.73619	-1.35834	0.00635803	0.534352	-1.87143
cg00736459	SIM1	5.30E-07	0.00258341	0.627833	-1.59278	5.05E-08	0.122211	-8.18256	9.77E-06	2.88648	2.88648	9.33E-06	2.90564	2.90564	0.0113539	0.702409	-1.42367
cg05100070	SIM1	5.70E-07	2.64E-08	11.3917	11.3917	0.00686818	1.51562	1.51562	0.0290385	1.35755	1.35755	0.0654954	1.27838	1.27838	0.0827931	0.795953	-1.25635
cg01850269	SIM1	1.60E-06	0.0242321	1.53533	1.53533	3.47E-06	5.70962	5.70962	2.31E-06	6.28201	6.28201	2.73E-06	6.0402	6.0402	0.365713	0.862156	-1.15988
cg22478310	SIM1	2.31E-06	0.414725	0.908375	-1.10087	1.82E-06	3.93473	3.93473	0.377	1.11015	1.11015	6.97E-07	4.72142	4.72142	0.0142502	0.705779	-1.41687
cg03290400	SIM1	2.36E-06	7.23E-06	3.13717	3.13717	0.00131175	0.582716	-1.7161	3.00E-07	5.66164	5.66164	0.0125139	1.43147	1.43147	0.039592	1.31628	1.31628
cg08133486	SIM1	2.74E-06	0.251384	0.859759	-1.16312	0.00704303	1.55153	1.55153	0.000153812	2.26592	2.26592	4.67E-07	5.9796	5.9796	0.820606	0.971766	-1.02905
cg04859726	SIM1	5.46E-06	3.31E-06	2.9967	2.9967	0.0675343	0.814942	-1.22708	0.00857414	1.39795	1.39795	0.20169	1.14419	1.14419	0.265436	1.12294	1.12294
cg21684012	SIM1	5.70E-06	0.0232479	0.537084	-1.86191	0.0401305	1.72199	1.72199	0.70219	1.09203	1.09203	0.0210382	1.88894	1.88894	0.392595	0.818155	-1.22226
cg00407329	SIM1	8.59E-06	1.24E-05	0.183701	-5.44364	9.74E-07	0.0932189	-10.7274	0.000270312	0.333151	-3.00164	0.0739146	0.693108	-1.44278	3.64E-05	0.231394	-4.32164
cg18528367	SIM1	1.21E-05	0.418367	1.11944	1.11944	0.829506	1.02986	1.02986	0.000285969	2.24376	2.24376	0.180364	0.823577	-1.21421	0.969444	1.00524	1.00524
cg14993283	SIM1	2.40E-05	0.92651	0.985318	-1.0149	0.0012739	2.12431	2.12431	0.000176725	2.77117	2.77117	0.000243531	2.64447	2.64447	0.460643	1.12798	1.12798
cg03830329	SIM1	2.66E-05	0.00420598	1.63253	1.63253	0.0017804	0.566252	-1.766	0.888595	1.01808	1.01808	0.206908	1.18553	1.18553	0.0385193	0.736028	-1.35864
cg06386307	SIM1	2.77E-05	0.109609	0.797268	-1.25428	0.149489	0.818128	-1.2223	0.000871401	1.91303	1.91303	0.690539	1.05335	1.05335	0.0274475	0.712628	-1.40326
cg00231504	SIM1	3.82E-05	0.162585	1.18507	1.18507	0.00150558	1.68353	1.68353	3.83E-06	3.41187	3.41187	0.00204867	1.6403	1.6403	0.0724689	1.25645	1.25645
cg15180379	SIM1	4.79E-05	0.293627	1.26313	1.26313	0.000245464	0.272762	-3.66621	9.23E-05	0.223836	-4.46756	0.407217	1.19937	1.19937	9.46E-05	0.225041	-4.44364
cg13365524	SIM1	7.25E-05	0.0287289	0.66774	-1.49759	0.00014892	0.360495	-2.77396	0.0635957	1.38609	1.38609	0.0741146	0.732304	-1.36555	0.0162575	0.63125	-1.58416
cg12233363	SIM1	7.50E-05	0.427338	1.11651	1.11651	0.794806	1.03608	1.03608	0.000565388	2.06793	2.06793	0.263389	1.17181	1.17181	0.325484	0.871045	-1.14805
cg10415616	SIM1	9.05E-05	0.537016	1.11641	1.11641	0.403964	1.16234	1.16234	0.000409488	0.372069	-2.68768	5.97E-06	0.167015	-5.9875	0.00228283	0.471679	-2.12008
cg14578879	SIM1	0.000155787	0.23358	1.45855	1.45855	0.0258111	0.449349	-2.22544	0.106949	1.70213	1.70213	0.000491784	5.20535	5.20535	0.680264	0.882286	-1.13342
cg27153155	SIM1	0.000186158	0.0104902	0.523216	-1.91126	7.14E-05	0.233228	-4.28765	0.0395142	0.619472	-1.61428	0.483827	1.15384	1.15384	0.0142913	0.544662	-1.836
cg08074534	SIM1	0.000210765	0.0406156	1.67987	1.67987	0.276472	1.28193	1.28193	0.141944	1.41402	1.41402	0.11048	1.46464	1.46464	0.343453	1.23879	1.23879
cg17380661	SIM1	0.000227087	0.368001	0.748898	-1.3353	0.113225	0.583326	-1.71431	0.441849	1.27791	1.27791	0.749288	1.10546	1.10546	0.338886	0.734724	-1.36106
cg23720064	SIM1	0.000254401	0.0657368	1.53886	1.53886	0.562545	0.884965	-1.12999	0.855736	1.03872	1.03872	0.0008062	2.87293	2.87293	0.722423	1.07729	1.07729
cg00434010	SIM1	0.000375065	0.772843	1.0767	1.0767	0.00272144	0.347522	-2.87752	0.0101398	2.28892	2.28892	0.134265	1.51031	1.51031	0.800679	0.937447	-1.06673
cg21063722	SIM1	0.000395142	0.0203037	0.321506	-3.11036	0.0458581	2.53012	2.53012	0.00090411	7.49144	7.49144	0.133616	1.92744	1.92744	0.0914793	0.470604	-2.12493
cg26755141	SIM1	0.000570329	0.0307399	1.71371	1.71371	0.248178	0.773941	-1.29209	0.700185	1.0856	1.0856	0.334115	1.23548	1.23548	0.936377	1.01709	1.01709
cg18782604	SIM1	0.000580347	0.981698	0.98949	-1.01062	0.797334	0.888232	-1.12583	0.00314857	6.41575	6.41575	0.0424181	2.93422	2.93422	0.391765	1.49798	1.49798
cg13345255	SIM1	0.000694962	0.0782697	0.615894	-1.62366	0.147285	1.47006	1.47006	0.855476	1.04621	1.04621	0.0384259	1.81176	1.81176	0.000395307	4.0473	4.0473
cg11540692	SIM1	0.000792547	0.211629	0.76122	-1.31368	0.0623237	1.54501	1.54501	0.368088	1.21129	1.21129	0.00325555	2.29763	2.29763	0.395046	0.834764	-1.19794
cg01258751	SIM1	0.000816104	0.045959	1.51826	1.51826	0.118406	1.3627	1.3627	0.0865959	1.41276	1.41276	0.507959	1.13044	1.13044	0.567786	1.11117	1.11117
cg27252696	SIM1	0.000846212	0.253048	0.492355	-2.03105	0.0645943	3.42857	3.42857	0.0104917	6.76467	6.76467	0.027199	4.71878	4.71878	0.677746	0.780337	-1.2815
cg11538641	SIM1	0.00103352	0.833418	0.958409	-1.0434	0.0176013	0.558461	-1.79064	0.00368317	2.20736	2.20736	0.52849	0.879146	-1.13747	0.0593107	1.53636	1.53636
cg14314744	SIM1	0.00114262	0.000719847	12.8088	12.8088	0.0447448	0.319284	-3.13201	0.00253092	7.97968	7.97968	0.0343788	3.39687	3.39687	0.106251	2.39671	2.39671
cg01446798	SIM1	0.0013421	0.541324	0.825671	-1.21114	0.692988	1.1308	1.1308	0.151108	0.620883	-1.61061	0.0739475	0.539556	-1.85338	0.132154	0.604463	-1.65436
cg20234976	SIM1	0.00140012	0.505725	1.14033	1.14033	0.20764	1.29485	1.29485	0.0920796	1.43421	1.43421	0.215346	1.28868	1.28868	0.659689	1.09	1.09

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26868299	0.95093	1.02553	1.02553	0.86459	1.07242	1.07242	0.00097281	0.133956	-7.46512	0.134225	0.516071	-1.93772	9.00894	23.9388	2.36198	1
cg16034991	0.36056	0.676393	-1.47843	0.0101166	0.259336	-3.856	0.0115523	0.268814	-3.72004	0.0557553	0.405937	-2.46344	7.83942	21.4825	2.43584	1
cg25028162	0.0406011	0.335321	-2.98222	0.619847	0.793659	-1.25999	0.0140882	0.246486	-4.05703	0.0250987	0.291907	-3.42575	7.37175	24.9348	3.00665	1
cg21550812	0.0918696	0.324834	-3.07849	0.018037	0.175403	-5.70117	0.186367	0.427918	-2.3369	0.0537557	0.265266	-3.7698	4.69493	27.2995	5.1686	1
cg19397321	0.00700106	0.685436	-1.45893	5.56E-08	0.132956	-7.52127	1.13E-06	0.254194	-3.934	6.77E-07	0.231315	-4.32311	77.4139	14.381	0.165126	1
cg26571002	0.00765215	0.388686	-2.57277	2.42E-05	0.0983744	-10.1652	0.00151244	0.283769	-3.524	0.00790856	0.391034	-2.55732	16.1156	19.3924	1.06963	1
cg14729980	0.00197746	0.199564	-5.01094	0.000428893	0.128081	-7.80755	0.000470283	0.131796	-7.58749	0.0153886	0.334013	-2.9939	11.5461	24.8637	1.91415	1
cg24030138	0.00553479	0.48343	-2.06855	5.57E-05	0.224363	-4.45707	0.00120485	0.388482	-2.57412	0.00558183	0.483983	-2.06619	11.4045	7.18033	0.559649	1
cg07838730	0.0201564	0.376411	-2.65667	0.000354319	0.135337	-7.38897	0.262397	0.665363	-1.50294	0.140211	0.575065	-1.73894	7.14005	13.7461	1.71129	1
cg07869839	0.0383971	0.397698	-2.51447	0.00061099	0.131461	-7.60684	0.641981	0.835307	-1.19717	0.258361	0.635543	-1.57346	6.14051	12.7697	2.07958	1
cg13741394	0.119704	2.08502	2.08502	0.0219676	3.30705	3.30705	0.70783	0.848867	-1.17804	0.14334	1.98268	1.98268	4.10087	12.3024	2.66663	1
cg22801149	0.00206972	0.539866	-1.85231	0.000106991	0.378555	-2.64162	0.826644	1.03166	1.03166	0.000997056	0.499182	-2.00328	29.4786	9.43075	0.284372	1
cg20144488	0.252992	0.746866	-1.33893	3.75E-05	0.144256	-6.93213	0.000332828	0.242795	-4.11871	0.00577413	0.413053	-2.42099	15.3729	14.5502	0.84132	1
cg20454486	0.505145	0.699268	-1.43007	0.0891443	0.370942	-2.69584	0.0955194	0.379564	-2.6346	0.0553457	0.316958	-3.155	3.42953	15.2001	3.93965	1
cg24205048	0.0149013	0.375841	-2.6607	0.156146	0.609081	-1.64182	0.00713213	0.321207	-3.11325	0.118647	0.574886	-1.73947	6.55061	11.0801	1.50353	1
cg03264071	0.975625	1.00642	1.00642	0.00486408	2.18606	2.18606	0.626907	1.10807	1.10807	0.354059	0.818946	-1.22108	5.8056	4.03501	0.617797	1
cg09488502	0.831678	0.922207	-1.08436	0.00353556	0.222127	-4.50193	0.567692	0.802705	-1.24579	0.231208	0.620128	-1.61257	4.8082	9.79928	2.03803	1
cg27347523	0.556498	0.776877	-1.28721	0.00320397	0.181239	-5.51759	0.100476	0.465883	-2.14646	0.0660833	0.416778	-2.39936	4.47141	12.7612	2.53684	1
cg25433666	0.728606	1.1112	1.1112	0.000198335	0.150721	-6.63479	0.00109076	0.232551	-4.30014	0.0500302	0.508422	-1.96687	14.8883	21.6057	1.28994	1
cg12008991	0.0612629	0.653475	-1.53028	3.23E-05	5.11031	5.11031	0.18185	0.751337	-1.33096	0.0528695	0.641515	-1.55881	12.7732	8.23377	0.57299	1
cg07056606	0.0690524	0.580012	-1.7241	0.000427698	0.224718	-4.45001	0.350873	1.29316	1.29316	0.0627987	0.570906	-1.7516	7.55853	8.58227	1.00928	1
cg07761781	0.111586	0.527554	-1.89554	0.00299207	0.222549	-4.4934	0.00912702	0.294582	-3.39464	0.0699995	0.473504	-2.11191	5.10312	11.0062	1.91713	1
cg19917915	0.0420383	0.350648	-2.85186	0.00254967	0.153734	-6.50474	0.0499948	0.367944	-2.7178	0.0172284	0.273054	-3.66228	5.0324	15.9482	2.81698	1
cg18614779	0.0799823	0.301409	-3.31775	0.00132977	0.0560724	-17.8341	0.0664117	0.280577	-3.56408	0.0572903	0.265105	-3.7721	5.02582	30.3364	5.36543	1
cg04297995	0.159576	0.357892	-2.79414	0.00447701	0.0749224	-13.3471	0.358983	0.52475	-1.90567	0.386134	0.544773	-1.83563	3.42938	25.3857	6.57994	1
cg16293105	0.00604363	0.206547	-4.8415	0.000864912	0.110897	-9.0174	0.01019	0.240516	-4.15772	0.0691411	0.408852	-2.44587	7.25928	22.2402	2.72329	1
cg00833257	0.00454595	0.391782	-2.55244	8.05E-06	0.0889454	-11.2429	6.20E-05	0.160353	-6.23623	0.089316	0.628483	-1.59113	30.1468	29.3438	0.865211	1
cg00447110	0.204159	0.701301	-1.42592	5.33E-06	0.0651751	-15.3433	0.096127	0.616426	-1.62226	0.00290273	0.338293	-2.95602	17.2233	19.124	0.986984	1
cg06367655	0.315375	1.1591	1.1591	0.196593	0.823511	-1.21431	5.17E-06	0.229308	-4.36094	0.154865	1.24176	1.24176	17.1313	5.48799	0.284754	1
cg23458892	0.105655	0.669532	-1.49358	0.00134655	0.347476	-2.87789	0.000461214	0.286204	-3.49402	0.838253	0.95467	-1.04748	6.9204	5.64599	0.725197	1
cg14133643	0.237436	0.607804	-1.64527	0.030815	0.360508	-2.77386	0.0253952	0.343382	-2.9122	0.377448	0.69466	-1.43955	6.26948	16.0698	2.27839	1
cg01193293	0.635422	1.23514	1.23514	0.00784261	0.221197	-4.52086	0.00216623	0.149102	-6.70681	0.20954	0.557213	-1.79465	5.93544	18.3797	2.75254	1
cg22911650	0.0428699	0.475884	-2.10135	0.272869	1.43851	1.43851	0.973021	1.01083	1.01083	0.0516452	0.493745	-2.02534	5.83224	9.37738	1.4292	1
cg17923401	0.0570517	0.444394	-2.25026	0.000674564	0.141097	-7.08731	0.0493681	0.429607	-2.32771	0.198277	1.66887	1.66887	5.59875	12.5816	1.99752	1
cg27040525	0.948138	1.00984	1.00984	3.40E-06	0.192671	-5.1902	0.00584426	0.581	-1.72117	0.0509476	0.715654	-1.39732	44.1505	15.832	0.318749	1
cg02427831	0.0830231	0.546387	-1.83021	6.69E-05	0.1002	-9.98003	0.542948	1.21401	1.21401	0.0204342	0.414853	-2.41049	17.3403	27.2372	1.39622	1
cg26980954	0.907177	0.92296	-1.08347	0.00212834	0.0514582	-19.4332	0.033785	0.182024	-5.49378	0.187074	0.38247	-2.61458	4.39049	32.8476	6.65025	1
cg22767164	0.0392686	0.240067	-4.1655	0.00372845	0.0960108	-10.4155	0.0598653	0.280788	-3.56141	0.124235	0.369433	-2.70685	3.44225	19.5104	5.03814	1
cg17521120	0.35737	0.755041	-1.32443	0.000187257	0.153911	-6.49728	0.632481	1.15376	1.15376	0.166635	0.645486	-1.54922	12.6136	17.6035	1.24053	1
cg25261331	0.0197581	1.63636	1.63636	0.000858632	0.41655	-2.40067	0.215052	1.25648	1.25648	0.26953	0.817786	-1.22281	12.27	5.94757	0.430864	1
cg13407883	0.0693672	0.744133	-1.34385	0.494148	0.903927	-1.10628	0.0833754	0.756675	-1.32157	0.775632	0.959282	-1.04245	9.24944	3.10016	0.297931	1
cg05670991	0.0334129	1.84342	1.84342	0.0724947	1.63742	1.63742	0.0708965	1.64304	1.64304	0.113103	0.654219	-1.52854	7.14784	6.85446	0.852406	1
cg14595786	0.649602	0.837668	-1.19379	0.000878253	0.144895	-6.90153	0.294137	0.656122	-1.52411	0.157585	0.556974	-1.79542	5.67208	13.4734	2.11146	1
cg17761772	0.430207	0.665014	-1.50373	0.00117569	0.0896253	-11.1576	0.0178197	0.232383	-4.30325	0.0569634	0.335761	-2.97831	5.43783	22.1068	3.61366	1
cg20681626	0.25128	1.51336	1.51336	0.813715	0.921645	-1.08502	0.761004	0.899917	-1.11121	0.0107418	0.3302	-3.02847	4.13372	7.82274	1.68215	1
cg02412123	0.50885	0.859657	-1.16325	0.00118476	0.341996	-2.92401	0.0276305	0.555645	-1.79971	0.0134788	0.501477	-1.99411	7.90618	6.37545	0.716789	1
cg08861404	0.0151762	0.443499	-2.2548	6.75E-05	0.136838	-7.30793	0.000302117	0.201614	-4.95998	0.468239	0.817769	-1.22284	16.9032	19.8918	1.04605	1
cg24299389	0.0695286	0.609777	-1.63994	0.000313066	0.24077	-4.15335	0.00383176	0.38681	-2.58525	0.0575463	0.592539	-1.68765	16.284	15.3126	0.835862	1
cg21982437	0.12846	1.85235	1.85235	0.000273843	0.106835	-9.3602	0.00403765	0.23486	-4.25785	0.0103243	0.297517	-3.36115	11.0849	24.7097	1.98145	1
cg22658316	0.992819	1.00243	1.00243	0.475722	1.21643	1.21643	0.0190952	0.464734	-2.15177	0.481253	1.21335	1.21335	9.3489	10.8052	1.02735	1
cg02018326	0.801425	0.898991	-1.11236	0.200291	1.77116	1.77116	0.117822	0.48791	-2.04956	0.0172303	0.293428	-3.40799	5.9573	16.8449	2.51342	1
cg00365692	0.325703	1.41215	1.41215	0.00162598	0.215316	-4.64433	0.254691	0.667337	-1.49849	0.0560639	0.479057	-2.08743	4.78709	8.7688	1.62823	1
cg00226340	0.145155	1.43333	1.43333	0.0494315	0.596946	-1.67519	0.257259	0.761811	-1.31266	0.000131335	0.217157	-4.60497	8.23475	6.90539	0.745392	1
cg10524192	0.00806576	0.40075	-2.49532	0.0671714	0.575319	-1.73817	0.586565	0.862459	-1.15948	0.692079	0.898289	-1.11323	4.55081	5.23354	1.02224	1
cg17610755	0.579256	0.836245	-1.19582	0.000104177	0.111845	-8.94094	0.0053995	0.310566	-3.21993	0.0974652	0.559532	-1.78721	8.90518	14.379	1.43527	1
cg27150788	0.450505	1.16365	1.16365	0.029959	0.604482	-1.65431	0.0471601	0.63907	-1.56477	0.681174	1.08484	1.08484	8.54013	5.25578	0.547041	1
cg17897313	0.040521	1.31023	1.31023	0.00694759	0.671037	-1.49023	0.0308241	0.748523	-1.33596	0.214688	0.8614	-1.1609	8.28616	1.71218	0.183672	1
cg07494518	0.29641	1.08498	1.08498	0.356264	0.931013	-1.0741	0.00284485	1.36268	1.36268	0.018503	1.24011	1.24011	7.2419	0.650924	0.079896	1
cg22115994	0.0839262	0.482382	-2.07304	0.0563754	0.438865	-2.2786	0.249254	0.631894	-1.58254	0.192701	0.591244	-1.69135	4.43604	10.2085	2.04556	1
cg02021606	0.343776	0.790615	-1.26484	0.12445	0.669827	-1.49292	0.0388414	0.562016	-1.77931	0.00163395	0.337253	-2.96514	4.38679	4.03211	0.817021	1
cg15777964	0.264915	1.69883	1.69883	0.697342	1.19513	1.19513	0.87014	0.928094	-1.07748	0.585945	1.28514	1.28514	3.79473	12.5022	2.92854	1
cg25073614	0.0857987	1.3261	1.3261	0.0135201	1.57522	1.57522	0.0861745	0.754401	-1.32556	0.892501	0.980101	-1.0203	3.72774	1.30458	0.311081	1
cg22882446	0.168705	1.23209	1.23209	1.98E-05	0.292227	-3.422	0.175177	1.22776	1.22776	6.32E-05	0.350655	-2.85181	43.683	14.0116	0.285117	1
cg11936381	8.94E-05	0.287965	-3.47264	0.000786491	0.406129	-2.46227	0.0200543	1.64559	1.64559	0.151117	0.760999	-1.31406	12.9614	6.47009	0.443717	1
cg02051688	0.00259693	0.230288	-4.34239	0.000324863	0.122259	-8.17934	0.663575	0.86406	-1.15733	0.000902172	0.170062	-5.88021	12.4394	21.4546	1.34146	1
cg19812747	0.192622	1.34324	1.34324	0.00190113	0.390051	-2.56377	0.00241728	0.404943	-2.46948	0.0342953	0.589533	-1.69626	9.09597	6.5969	0.644671	1
cg24368962	0.174407	1.12385	1.12385	0.00845196	1.31227	1.31227	0.633941	0.961971	-1.03953	0.0867109	1.16522	1.16522	8.93994	0.924822	0.0919541	1
cg10283277	0.264797	0.813438	-1.22935	0.0156417	0.590667	-1.693	0.236968	1.24624	1.24624	0.786187	0.952841	-1.04949	6.49682	3.24789	0.444373	1
cg10797910	0.706471	1.145	1.145	0.000429243	0.116178	-8.60751	0.771032	0.900858	-1.11005	?	?	?	6.57087	11.5825	1.54237	1
cg12234896	0.439816	0.826174	-1.2104	0.91481	1.02627	1.02627	0.287496	0.765167	-1.3069	0.216171	0.729459	-1.37088	4.45473	4.14441	0.826969	1
cg23306832	0.0222421	0.654657	-1.52752	0.357584	0.863929	-1.1575	0.164074	0.794895	-1.25803	0.0398567	1.44383	1.44383	6.42175	2.43076	0.336462	1
cg09458566	0.969579	1.0189	1.0189	0.229816	1.85621	1.85621	0.0210375	3.90595	3.90595	0.0149186	0.230005	-4.34773	5.33453	20.3612	3.39278	1
cg20608306	0.385737	1.55288	1.55288	0.0272312	0.274324	-3.64532	0.024841	3.75068	3.75068	0.262891	1.78198	1.78198	5.03638	19.54	3.44869	1
cg15332812	0.129372	1.45448	1.45448	0.0134617	2.0128	2.0128	0.720251	0.92107	-1.08569	0.986745	0.996209	-1.00381	4.36369	3.61265	0.735902	1
cg09230221	0.263462	1.24979	1.24979	0.0117317	1.8261	1.8261	0.0971326	1.41658	1.41658	0.161621	1.33094	1.33094	4.23614	2.45449	0.515036	1
cg18234543	0.759735	0.882867	-1.13267	0.00284199	0.188515	-5.30461	0.105244	2.05213	2.05213	0.51412	1.30828	1.30828	4.23336	11.0591	2.3221	1
cg05256304	0.959011	0.966636	-1.03452	0.0822644	0.280558	-3.56433	0.148619	2.78115	2.78115	0.503542	1.56548	1.56548	4.2322	29.2186	6.13678	1
cg16858415	0.00849795	1.73125	1.73125	0.371572	0.865292	-1.15568	0.285235	1.19168	1.19168	0.0102269	1.69535	1.69535	3.99555	1.5284	0.297519	1
cg19160629	0.432273	1.37663	1.37663	0.00631276	4.13104	4.13104	0.00612606	4.16444	4.16444	0.552081	1.27116	1.27116	3.57597	9.00861	2.23929	1
cg06928797	0.0456101	1.81149	1.81149	0.250133	0.732332	-1.3655	0.00818798	2.40379	2.40379	0.241662	1.37394	1.37394	3.5148	3.74034	0.945928	1
cg06313880	0.0638818	0.706155	-1.41612	0.50704	0.89365	-1.11901	0.744054	0.946745	-1.05625	0.784288	0.9552	-1.0469	20.4589	9.04134	0.392823	1
cg14272177	0.517886	1.08659	1.08659	0.72169	0.955704	-1.04635	0.000931873	0.534755	-1.87001	0.503044	0.917507	-1.08991	18.7393	4.76233	0.225899	1
cg11734289	2.65E-05	0.307241	-3.25477	0.00553203	0.595679	-1.67876	0.737483	0.953323	-1.04896	6.47E-05	0.352447	-2.83731	17.3705	5.5547	0.284247	1
cg21859597	0.00035418	0.0676932	-14.7725	0.0184813	0.261527	-3.8237	0.501474	0.725978	-1.37745	0.616165	1.26775	1.26775	6.16227	19.1142	3.10182	1
cg10709494	0.148551	0.304406	-3.28509	0.00995721	12.1636	12.1636	0.465307	1.76891	1.76891	0.00578907	16.0367	16.0367	4.66914	43.5692	8.29448	1
cg19738353	0.564412	0.950947	-1.05158	0.127521	0.867396	-1.15288	0.732551	1.03006	1.03006	0.0153299	1.29297	1.29297	8.1157	0.957953	0.104922	1
cg19025497	0.258146	0.893298	-1.11945	0.000263239	0.563598	-1.77431	0.000225653	1.79787	1.79787	0.00647837	0.712866	-1.40279	27.8036	4.02683	0.128739	1
cg14744511	0.00263567	0.499237	-2.00306	5.09E-05	0.281726	-3.54955	0.666337	1.07508	1.07508	0.0245468	0.639537	-1.56363	22.9802	10.1379	0.392139	1
cg19527159	0.678103	0.904537	-1.10554	0.00775235	0.439541	-2.2751	0.016807	0.495915	-2.01647	0.0661852	0.609344	-1.64111	17.0743	15.6257	0.813476	1
cg15710554	0.0590575	0.656331	-1.52362	0.00179607	0.415867	-2.40462	0.482264	0.86842	-1.15152	0.00124146	0.393667	-2.54022	13.3522	8.25206	0.549361	1
cg17639983	0.981127	0.992839	-1.00721	0.00489827	3.10469	3.10469	0.030137	2.1701	2.1701	0.0160857	2.4473	2.4473	11.2396	16.4335	1.29966	1
cg25079031	0.527404	0.925227	-1.08082	0.00453838	1.58233	1.58233	0.0806937	1.26504	1.26504	0.0357627	0.743383	-1.3452	11.2204	2.61777	0.207383	1
cg24650915	0.0731312	1.74016	1.74016	0.0387808	1.94113	1.94113	0.0291363	2.03939	2.03939	0.542556	1.18632	1.18632	8.43207	10.2605	1.08164	1
cg13326338	0.00185418	0.441042	-2.26736	0.0199286	0.594168	-1.68303	0.124067	1.3615	1.3615	0.00350746	0.480124	-2.08279	8.13992	4.42607	0.483332	1
cg13906121	0.682693	1.04001	1.04001	0.0359909	0.792305	-1.26214	0.0641082	1.21966	1.21966	0.00805363	1.3826	1.3826	6.42832	0.927364	0.128233	1
cg06669752	0.287423	0.671211	-1.48984	0.0125084	0.325823	-3.06915	0.256684	1.53313	1.53313	0.406192	0.735865	-1.35895	5.23065	10.7924	1.83404	1
cg10921890	0.000463381	0.326473	-3.06304	0.0738361	0.667012	-1.49922	0.14678	1.3723	1.3723	0.181418	0.749521	-1.33418	5.0658	3.31363	0.581438	1
cg14841929	0.506769	1.18537	1.18537	0.593916	0.872959	-1.14553	0.159976	1.46089	1.46089	0.016484	0.477239	-2.09539	4.84206	4.88814	0.897346	1
cg00213331	0.793326	0.956273	-1.04573	0.00201994	2.09931	2.09931	0.778646	0.953147	-1.04916	0.0996989	1.35966	1.35966	4.31806	1.98309	0.408226	1
cg04025739	0.241636	0.523402	-1.91058	0.0109904	0.185373	-5.39453	0.0533963	0.31378	-3.18694	0.237696	0.52029	-1.922	4.16642	18.4118	3.92808	1
cg07536018	0.0738031	0.33061	-3.02471	0.0378229	0.262471	-3.80995	0.0866065	0.349505	-2.86119	0.0241017	0.224494	-4.45447	4.14806	20.2643	4.34244	1
cg21507078	0.0469202	0.278382	-3.59219	0.0107603	0.165044	-6.05899	0.0188861	0.20216	-4.94658	0.0824265	0.339062	-2.94932	3.94781	17.5667	4.44974	1
cg06416831	0.536474	0.842824	-1.18649	0.390635	1.27162	1.27162	0.944461	0.981148	-1.01921	0.128396	0.63829	-1.56669	3.56855	4.21768	1.05058	1
cg18036888	0.375992	0.850611	-1.17563	0.000689668	0.397462	-2.51596	0.832613	0.96301	-1.03841	0.870576	1.02946	1.02946	4.10188	2.06035	0.446483	1
cg08869883	0.305771	0.890646	-1.12278	2.19E-05	0.394116	-2.53732	0.413776	1.09554	1.09554	0.817417	0.975061	-1.02558	26.4796	5.00193	0.167909	1
cg01810863	0.68019	0.929479	-1.07587	0.0156669	0.592926	-1.68655	0.000557822	0.388818	-2.5719	0.515853	0.890259	-1.12327	7.65896	3.77616	0.438256	1
cg00736459	0.00362029	0.644782	-1.55091	0.00134182	0.594903	-1.68095	5.26E-05	2.32112	2.32112	0.839311	1.02289	1.02289	86.225	16.962	0.17486	1
cg05100070	0.00478563	1.56026	1.56026	2.97E-07	5.96572	5.96572	2.98E-06	3.75468	3.75468	0.154715	0.83448	-1.19835	84.6338	18.9174	0.198685	1
cg01850269	2.16E-05	3.90875	3.90875	9.90E-07	7.79395	7.79395	1.81E-06	6.67192	6.67192	0.183066	1.2529	1.2529	65.0771	26.2517	0.358571	1
cg22478310	0.579453	0.937514	-1.06665	0.289932	0.881082	-1.13497	6.44E-07	4.79822	4.79822	0.0353789	1.32631	1.32631	59.2198	12.4612	0.187042	1
cg03290400	0.000776946	1.79889	1.79889	0.976398	1.00342	1.00342	3.00E-06	3.61402	3.61402	1.37E-05	2.85513	2.85513	58.8917	12.4348	0.187687	1
cg08133486	0.00562346	1.58141	1.58141	0.565439	0.929354	-1.07602	1.92E-07	7.42991	7.42991	0.000376648	2.04766	2.04766	56.6433	14.2635	0.223834	1
cg04859726	0.116469	0.84331	-1.1858	0.0120318	0.73131	-1.36741	2.08E-07	4.81667	4.81667	0.350247	1.10083	1.10083	47.445	7.5008	0.140529	1
cg21684012	0.000451802	0.281639	-3.55065	9.84E-05	0.204931	-4.87969	1.75E-07	39.9134	39.9134	0.504937	1.16771	1.16771	46.9317	39.0339	0.739304	1
cg00407329	9.19E-05	0.276561	-3.61584	7.79E-06	0.164612	-6.07488	0.737214	0.939907	-1.06393	0.0554994	0.67073	-1.49091	42.2045	22.637	0.476768	1
cg18528367	0.618039	1.071	1.071	0.0178081	0.674979	-1.48153	1.53E-07	9.32721	9.32721	0.776128	0.961847	-1.03967	38.5897	11.3779	0.262083	1
cg14993283	0.669673	1.07122	1.07122	0.00364414	0.532295	-1.87866	8.07E-07	8.31572	8.31572	0.0695462	1.38464	1.38464	32.3005	13.149	0.361853	1
cg03830329	0.0116767	1.4962	1.4962	0.0238211	0.708321	-1.41179	2.79E-06	4.20728	4.20728	2.13E-05	2.9865	2.9865	31.4468	8.14187	0.230142	1
cg06386307	0.00104188	1.87858	1.87858	0.00281112	0.585875	-1.70685	9.66E-07	5.34643	5.34643	0.0394579	1.36262	1.36262	31.1086	8.31217	0.23751	1
cg00231504	0.192015	0.854443	-1.17035	0.0108262	0.694514	-1.43986	1.15E-05	2.8857	2.8857	0.00992181	1.44921	1.44921	28.5806	5.87277	0.182649	1
cg15180379	6.79E-05	0.209464	-4.77409	0.000116999	0.235287	-4.25012	0.850521	0.960353	-1.04128	4.58E-05	0.191706	-5.21631	26.9327	19.6132	0.647317	1
cg13365524	0.0217967	0.649875	-1.53876	0.00953632	0.598119	-1.67191	6.74E-06	4.78178	4.78178	0.21846	1.22462	1.22462	24.1221	9.36222	0.344994	1
cg12233363	0.756329	0.958556	-1.04324	0.00114612	0.522001	-1.91571	2.13E-06	4.86705	4.86705	0.0501842	1.35476	1.35476	23.9107	7.00277	0.26033	1
cg10415616	0.000721145	0.404011	-2.47518	0.595603	0.909958	-1.09895	0.00486323	1.93032	1.93032	0.0148569	0.589889	-1.69523	22.7388	11.175	0.436847	1
cg14578879	0.899259	1.03902	1.03902	0.305073	1.37848	1.37848	2.87E-06	29.4583	29.4583	0.487343	1.23772	1.23772	19.6553	28.4343	1.28591	1
cg27153155	0.349098	0.82378	-1.21392	0.0264593	0.589088	-1.69754	3.94E-05	4.86293	4.86293	0.485482	1.1532	1.1532	18.7317	11.9986	0.569379	1
cg08074534	0.0127266	1.97236	1.97236	0.0440856	0.601973	-1.6612	2.31E-06	12.5198	12.5198	0.0750411	1.54492	1.54492	18.1117	13.809	0.677717	1
cg17380661	0.493888	1.24266	1.24266	0.786427	0.918579	-1.08864	2.24E-06	37.1854	37.1854	0.847285	0.941491	-1.06215	17.7484	27.4865	1.3766	1
cg23720064	0.0981574	1.46033	1.46033	0.995693	1.00113	1.00113	3.53E-06	9.71489	9.71489	0.0323317	1.68727	1.68727	17.2079	11.8745	0.613384	1
cg00434010	0.435427	0.81613	-1.2253	0.640237	0.886753	-1.12771	1.05E-05	11.0812	11.0812	0.0602557	1.71789	1.71789	15.4721	15.976	0.917836	1
cg21063722	0.017508	0.3095	-3.23101	0.536586	1.28892	1.28892	2.57E-05	29.4769	29.4769	0.825979	1.09342	1.09342	15.2515	39.7332	2.31574	1
cg26755141	0.469721	0.855454	-1.16897	0.184141	0.741514	-1.34859	7.72E-06	8.03538	8.03538	0.0328955	1.69841	1.69841	13.7772	9.83211	0.634355	1
cg18782604	0.926707	1.04329	1.04329	0.025586	3.39261	3.39261	1.16E-05	72.3147	72.3147	0.00218014	7.24384	7.24384	13.7106	46.0623	2.98633	1
cg13345255	0.839626	0.951034	-1.05149	2.47E-05	7.98727	7.98727	0.987205	1.00398	1.00398	0.248671	1.3482	1.3482	13.0373	12.6759	0.864247	1
cg11540692	0.377309	0.828755	-1.20663	0.86281	0.964775	-1.03651	1.53E-05	6.3969	6.3969	0.207343	1.31744	1.31744	12.5651	8.55501	0.605203	1
cg01258751	0.844483	0.964783	-1.0365	0.668109	0.924283	-1.08192	7.46E-06	6.05137	6.05137	0.87632	1.02884	1.02884	12.462	6.57728	0.469145	1
cg27252696	0.297299	1.89901	1.89901	0.0435545	0.252217	-3.96484	1.98E-05	169.24	169.24	0.152085	2.48596	2.48596	12.3354	68.8254	4.95956	1
cg11538641	0.684158	1.08599	1.08599	0.331888	0.817164	-1.22375	3.43E-05	5.0401	5.0401	0.402277	1.18874	1.18874	11.657	7.51094	0.572737	1
cg14314744	0.780242	0.870581	-1.14866	0.107222	0.418431	-2.38988	0.000217441	21.2469	21.2469	0.782255	1.14716	1.14716	11.329	44.0553	3.45665	1
cg01446798	0.256152	0.692665	-1.4437	0.00416001	3.28686	3.28686	4.95E-05	10.5967	10.5967	0.689328	1.13257	1.13257	10.8198	16.4464	1.35113	1
cg20234976	0.149802	0.740608	-1.35024	0.326845	0.821312	-1.21756	1.64E-05	5.61323	5.61323	0.378816	1.19195	1.19195	10.6893	6.40259	0.532422	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14717557	SIM1	0.00230669	0.966256	0.985049	-1.01518	0.964902	0.984453	-1.01579	0.0150728	2.89712	2.89712	0.391395	1.36713	1.36713	0.789618	1.09991	1.09991
cg04337653	SIM1	0.00236754	0.111372	0.432318	-2.31311	0.00274552	0.135522	-7.37886	0.221106	0.536874	-1.86264	0.408722	0.664578	-1.50471	0.0956754	0.412701	-2.42306
cg26099134	SIM1	0.00263635	0.0841658	1.81346	1.81346	0.00117755	4.40521	4.40521	0.017373	2.46542	2.46542	0.0663471	1.89935	1.89935	0.964972	0.986413	-1.01377
cg08041481	SIM1	0.00266681	0.332664	0.749971	-1.33338	0.83481	0.941651	-1.06196	0.0649199	1.81623	1.81623	0.126058	0.62092	-1.61051	0.0319349	0.484939	-2.06211
cg26796341	SIM1	0.00282853	0.0397874	0.534204	-1.87194	0.647793	1.12899	1.12899	0.022404	0.485964	-2.05777	0.504913	1.19538	1.19538	0.011959	0.437286	-2.28683
cg11891393	SIM1	0.00324188	0.44603	0.82614	-1.21045	0.331725	1.27919	1.27919	0.00120014	3.21145	3.21145	0.0613726	1.67908	1.67908	0.49165	1.18736	1.18736
cg26248075	SIM1	0.00326862	0.0406461	2.94906	2.94906	0.0385554	2.99368	2.99368	0.0208655	3.56885	3.56885	0.00880068	4.60119	4.60119	0.402837	0.675897	-1.47951
cg22784386	SIM1	0.00330134	0.718473	1.14383	1.14383	0.164261	0.576448	-1.73476	0.164253	1.73478	1.73478	0.000239188	9.55928	9.55928	0.028556	0.383273	-2.60911
cg11471772	SIM1	0.0033454	0.0102929	3.85701	3.85701	0.029124	2.9256	2.9256	0.688515	1.18322	1.18322	0.164765	1.85661	1.85661	0.260108	1.633	1.633
cg16565394	SIM1	0.00359606	0.00276717	4.41523	4.41523	0.0250473	2.60939	2.60939	0.0224135	2.67576	2.67576	0.00351695	4.15393	4.15393	0.0023507	4.60542	4.60542
cg24544512	SIM1	0.00388981	0.00748807	0.206647	-4.83917	0.00404164	0.170618	-5.86105	0.00653091	0.198187	-5.04574	0.334735	0.63405	-1.57716	0.0134565	0.246251	-4.06089
cg26499055	SIM1	0.00400504	0.55853	0.779843	-1.28231	0.311926	1.55219	1.55219	0.41558	1.4187	1.4187	0.117246	0.48912	-2.04449	0.00631217	0.224263	-4.45906
cg19884950	SIM1	0.00809043	0.768726	0.906989	-1.10255	0.0513352	0.479701	-2.08463	0.011658	0.352138	-2.8398	0.0180507	0.386359	-2.58827	0.0191404	0.39114	-2.55663
cg02764478	SIM1	0.00874217	0.114299	1.91974	1.91974	0.83058	1.08475	1.08475	0.0065307	3.82595	3.82595	0.346388	0.691997	-1.44509	0.359159	0.699083	-1.43045
cg12847554	SIM1	0.00932261	0.878127	0.96208	-1.03941	0.270994	1.3347	1.3347	0.0919036	1.59591	1.59591	0.23836	1.36495	1.36495	0.916588	0.973954	-1.02674
cg26954968	SIM1	0.0133955	0.0644346	2.30574	2.30574	0.99808	0.999033	-1.00097	0.0253298	2.9128	2.9128	0.6377	1.21015	1.21015	0.862457	1.07222	1.07222
cg07973435	SIM1	0.0148955	0.0739846	0.291474	-3.43084	0.00200114	0.067179	-14.8856	0.610873	0.727832	-1.37394	0.84897	1.12527	1.12527	0.0543185	0.258762	-3.86455
cg10745499	SIM1	0.0155621	0.0977108	2.45957	2.45957	0.758852	1.16477	1.16477	0.153089	2.13369	2.13369	0.0505835	3.01477	3.01477	0.573341	0.754385	-1.32558
cg06246999	SIM1	0.0166783	0.0329753	0.355884	-2.8099	0.00332572	0.190908	-5.23814	0.00566347	0.222277	-4.49889	0.789261	0.894958	-1.11737	0.102211	0.476654	-2.09796
cg17942121	SIM1	0.0174507	0.23321	0.571989	-1.74829	0.595674	0.787142	-1.27042	0.0117336	4.08374	4.08374	0.92743	1.04155	1.04155	0.145663	0.497477	-2.01014
cg00500167	SIM1	0.0192847	0.555675	0.89688	-1.11498	0.14464	0.75119	-1.33122	0.34051	1.19645	1.19645	0.318592	1.2071	1.2071	0.431392	1.15793	1.15793
cg08979319	SIM1	0.0216434	0.042608	5.60376	5.60376	0.0129407	9.75308	9.75308	0.0574693	4.88543	4.88543	0.0499634	5.20924	5.20924	0.357307	2.01158	2.01158
cg20373081	SIM1	0.0223166	0.0212283	0.268838	-3.71971	0.0184655	0.25783	-3.87853	0.152619	0.483546	-2.06805	0.0904727	0.412827	-2.42232	0.0120759	0.226652	-4.41204
cg24211504	SIM1	0.0243838	0.0731521	2.96957	2.96957	0.760354	1.18131	1.18131	0.0106946	5.73986	5.73986	0.119561	2.50911	2.50911	0.796639	0.868793	-1.15102
cg01978237	SIM1	0.0337559	0.158024	2.30003	2.30003	0.306391	1.79387	1.79387	0.40631	1.59809	1.59809	0.0110348	5.80832	5.80832	0.721673	0.820872	-1.21822
cg23588121	SIM1	0.0385541	0.0540616	0.361423	-2.76684	0.791105	0.88377	-1.13152	0.0497277	0.352799	-2.83448	0.407485	1.48345	1.48345	0.0667961	0.384237	-2.60256
cg06567227	SIM1	0.0431947	0.0115084	0.310245	-3.22326	0.821738	1.08715	1.08715	0.345476	1.43301	1.43301	0.288383	0.664898	-1.50399	0.257973	0.645915	-1.54819
cg24592906	SIM1;SIM1	8.88E-07	0.332614	0.867717	-1.15245	1.42E-07	10.4434	10.4434	0.00203002	1.85474	1.85474	0.00339542	1.76012	1.76012	0.8781	1.02203	1.02203
cg00754430	SIM2	0.0174585	0.506071	0.901371	-1.10942	0.667003	0.935552	-1.06889	0.107853	0.76336	-1.31	0.0347126	1.46065	1.46065	0.0104662	1.64204	1.64204
cg02672220	SIM2;SIM2	3.13E-05	9.83E-05	0.413611	-2.41773	2.57E-05	0.344924	-2.89919	0.512515	0.918726	-1.08846	0.00708199	0.641412	-1.55906	0.00150757	1.79227	1.79227
cg08066129	SIM2;SIM2	3.70E-05	0.0379809	0.609103	-1.64176	0.081664	1.4883	1.4883	0.0103444	1.94569	1.94569	0.0198204	1.78547	1.78547	6.52E-05	4.53016	4.53016
cg01090834	SIM2;SIM2	4.98E-05	0.461165	0.850701	-1.1755	0.133235	0.705324	-1.41779	0.111193	1.45351	1.45351	0.725558	0.926853	-1.07892	1.06E-06	15.6386	15.6386
cg19498960	SIM2;SIM2	0.000117229	0.00266647	0.424795	-2.35408	0.652053	0.91069	-1.09807	0.478001	1.1603	1.1603	0.796744	1.05464	1.05464	0.000243289	3.49157	3.49157
cg26938272	SIM2;SIM2	0.000219401	0.0203615	0.521583	-1.91724	0.0117229	2.08134	2.08134	0.0328373	1.78808	1.78808	0.0572836	0.606144	-1.64977	0.326302	0.789845	-1.26607
cg07615087	SIM2;SIM2	0.000311357	0.00166893	0.377511	-2.64893	0.190187	1.35068	1.35068	0.705451	0.921018	-1.08575	0.0847181	0.661592	-1.51151	8.07E-05	4.67123	4.67123
cg03993743	SIM2;SIM2	0.000871077	0.000913039	0.443186	-2.25639	0.00714388	0.56538	-1.76872	0.0239079	1.55639	1.55639	0.297055	0.837392	-1.19418	0.156499	1.28248	1.28248
cg14845410	SIM2;SIM2	0.00148467	0.0495524	0.644909	-1.55061	0.00187365	0.421727	-2.3712	0.0201075	0.577569	-1.73139	0.0909908	0.694558	-1.43976	0.0453463	1.56742	1.56742
cg15750546	SIM2;SIM2	0.00165352	0.0265495	0.540548	-1.84997	0.573064	0.875259	-1.14252	0.80141	1.06074	1.06074	0.0972806	0.653262	-1.53078	6.40E-05	5.58474	5.58474
cg21152177	SIM2;SIM2	0.0019958	0.51777	0.937324	-1.06687	0.605356	1.0528	1.0528	0.327508	1.10492	1.10492	0.0662092	1.22555	1.22555	0.104076	0.83911	-1.19174
cg22289831	SIM2;SIM2	0.00215446	0.00145883	0.219347	-4.55898	0.262179	0.679869	-1.47087	0.0664301	0.50694	-1.97262	0.00514293	0.295349	-3.38583	0.215803	1.53715	1.53715
cg04648480	SIM2;SIM2	0.00222765	0.0180998	0.413696	-2.41723	0.0677236	0.533	-1.87617	0.534212	0.824018	-1.21357	0.120847	0.596165	-1.67739	0.00061568	5.05978	5.05978
cg24080247	SIM2;SIM2	0.00230988	0.314471	0.732667	-1.36488	0.479368	1.2399	1.2399	0.746408	0.90753	-1.10189	0.0158352	2.42017	2.42017	0.000814571	4.52417	4.52417
cg14626259	SIM2;SIM2	0.00235899	0.00136875	0.159779	-6.25863	0.162113	0.554689	-1.80281	0.37354	0.697214	-1.43428	0.917912	1.04154	1.04154	0.00552495	4.21991	4.21991
cg19193931	SIM2;SIM2	0.0023863	0.141669	0.593159	-1.68589	0.935329	0.973534	-1.02719	0.275196	1.4553	1.4553	0.267626	0.682715	-1.46474	0.000409063	6.39388	6.39388
cg02553516	SIM2;SIM2	0.00247431	0.0167753	0.393024	-2.54437	0.628496	0.855565	-1.16882	0.0453757	0.4798	-2.0842	0.12784	0.590538	-1.69337	0.00102825	4.74174	4.74174
cg02701080	SIM2;SIM2	0.00260104	0.0285536	0.40377	-2.47666	0.0048699	3.70699	3.70699	0.0708912	2.03063	2.03063	0.627117	0.842114	-1.18749	0.000652197	6.26182	6.26182
cg21697851	SIM2;SIM2	0.00320005	0.0194325	6.35984	6.35984	0.0141927	7.25006	7.25006	0.0974116	3.29002	3.29002	0.683332	0.764502	-1.30804	0.00942795	8.62401	8.62401
cg00616687	SIM2;SIM2	0.0034283	0.797157	1.09734	1.09734	0.203489	1.62268	1.62268	0.0227106	2.67395	2.67395	0.01803	2.81832	2.81832	0.0556821	0.457509	-2.18575
cg10850930	SIM2;SIM2	0.00435303	0.0086872	0.285394	-3.50393	0.169348	0.577581	-1.73136	0.076416	0.477584	-2.09387	0.13549	0.547045	-1.828	0.0526846	2.28368	2.28368
cg14356396	SIM2;SIM2	0.00462173	0.940771	0.982176	-1.01815	0.0275421	1.87904	1.87904	0.0295367	1.85927	1.85927	0.245605	1.34167	1.34167	0.00056456	3.64509	3.64509
cg20755721	SIM2;SIM2	0.00553796	0.00335798	0.451116	-2.21672	0.018031	0.563761	-1.7738	0.0454858	0.632808	-1.58026	0.0114693	0.532071	-1.87945	0.275699	1.25384	1.25384
cg25446076	SIM2;SIM2	0.00641097	0.00351333	0.115426	-8.66354	0.158016	0.439001	-2.2779	0.222649	0.497093	-2.0117	0.0452988	0.285791	-3.49906	0.0124476	5.45366	5.45366
cg11088471	SIM2;SIM2	0.00670872	0.0027551	0.169257	-5.90816	0.00395335	0.188814	-5.29621	0.0483923	0.379119	-2.63769	0.0212656	0.304029	-3.28916	0.697948	0.845595	-1.1826
cg12659494	SIM2;SIM2	0.0073842	0.00177649	0.149681	-6.68086	0.137579	0.505328	-1.97891	0.0724933	0.42512	-2.35228	0.181609	0.545937	-1.83171	0.130651	2.00717	2.00717
cg27248980	SIM2;SIM2	0.00811584	0.128713	0.494681	-2.0215	0.00942609	0.243974	-4.09879	0.0116518	0.258851	-3.86323	0.231178	0.583688	-1.71324	0.475858	1.36451	1.36451
cg16001495	SIM2;SIM2	0.00831463	0.631798	1.18604	1.18604	0.0274257	2.51415	2.51415	0.0489077	2.21375	2.21375	0.429468	0.751999	-1.32979	0.000581446	6.55327	6.55327
cg10456990	SIM2;SIM2	0.00907862	0.0885569	0.507529	-1.97033	0.92016	0.964457	-1.03685	0.613404	1.20189	1.20189	0.00588693	3.67245	3.67245	0.00111678	5.65679	5.65679
cg02194789	SIM2;SIM2	0.0102686	0.689073	1.22748	1.22748	0.00424672	0.14225	-7.02987	0.0068571	0.167909	-5.95562	0.0281277	0.266745	-3.74889	0.818399	1.12435	1.12435
cg26701242	SIM2;SIM2	0.0104902	0.220066	0.714422	-1.39973	0.163052	0.678212	-1.47447	0.069779	0.589284	-1.69697	0.476482	0.82795	-1.2078	0.000522517	4.09748	4.09748
cg22711869	SIM2;SIM2	0.0135763	0.842692	1.12825	1.12825	0.0829946	0.31169	-3.20832	0.0164065	0.168424	-5.9374	0.23479	0.469392	-2.13042	0.0596932	3.63479	3.63479
cg10500362	SIM2;SIM2	0.0147386	0.0248298	0.336985	-2.96749	0.0172136	0.306696	-3.26056	0.023702	0.333003	-3.00297	0.754378	0.880025	-1.13633	0.415125	1.40381	1.40381
cg08175957	SIM2;SIM2	0.0167832	0.28109	0.76017	-1.3155	0.025133	0.521028	-1.91928	0.537071	0.858143	-1.16531	0.45195	0.82897	-1.20632	0.00636191	0.419244	-2.38525
cg24354581	SIM2;SIM2	0.0183666	0.00844528	0.245618	-4.07136	0.161529	0.535726	-1.86663	0.810911	1.10524	1.10524	0.189025	0.559393	-1.78765	0.0292502	2.92213	2.92213
cg22976224	SIM2;SIM2	0.0219518	0.0854769	0.446577	-2.23925	0.974699	1.01354	1.01354	0.238344	1.68831	1.68831	0.173991	0.541556	-1.84653	0.0975885	0.462633	-2.16154
cg14317513	SIM2;SIM2	0.0255408	0.741438	0.823887	-1.21376	0.139454	0.394363	-2.53574	0.093343	0.339633	-2.94435	0.261337	0.503919	-1.98445	0.628943	1.3296	1.3296
cg04975856	SIM2;SIM2	0.0289349	0.305587	0.706491	-1.41545	0.00230565	4.03416	4.03416	0.626994	1.17397	1.17397	0.0406587	0.461123	-2.16862	0.777753	1.09711	1.09711
cg22729973	SIM2;SIM2	0.0421146	0.891519	1.02989	1.02989	0.129647	0.702317	-1.42386	0.20958	0.751698	-1.33032	0.0662382	1.55997	1.55997	0.415805	0.835683	-1.19663
cg08805821	SIM2;SIM2	0.043676	0.222485	1.62211	1.62211	0.316416	1.47817	1.47817	0.777945	0.89882	-1.11257	0.427135	0.736442	-1.35788	0.104256	1.95446	1.95446
cg01065599	SIM2;SIM2	0.0444841	0.375332	0.611543	-1.63521	0.091827	0.366719	-2.72688	0.021873	0.226096	-4.42291	0.136944	0.420672	-2.37715	0.208956	2.0459	2.0459
cg27312652	SIM2;SIM2	0.0472992	0.442057	0.71787	-1.39301	0.465208	1.36929	1.36929	0.864447	0.930294	-1.07493	0.52212	1.31566	1.31566	0.011534	3.80377	3.80377
cg02028562	SIN3A	0.0159299	0.0119779	0.323359	-3.09254	0.656533	1.17491	1.17491	0.590163	1.21631	1.21631	0.0710653	0.483744	-2.06721	0.00272211	0.22522	-4.4401
cg07907534	SIN3A	0.0293432	0.636805	0.954235	-1.04796	0.0274601	0.773462	-1.29289	0.797261	0.974963	-1.02568	0.0553131	1.23858	1.23858	0.769329	1.02939	1.02939
cg14804635	SIN3A	0.0326595	0.367035	1.13627	1.13627	0.477623	1.10466	1.10466	0.143244	1.24218	1.24218	0.954888	1.00783	1.00783	0.0157014	1.50412	1.50412
cg12365396	SIN3A;SIN3A;SIN3A	0.00019513	0.000425374	0.485501	-2.05973	0.0229913	1.4221	1.4221	0.0712142	1.29814	1.29814	2.22E-05	0.332178	-3.01043	0.710604	0.952886	-1.04944
cg04137128	SIN3A;SIN3A;SIN3A	0.0127433	0.179877	0.772747	-1.29409	0.274287	0.813919	-1.22862	0.00281238	2.10637	2.10637	0.0687229	0.691596	-1.44593	0.704077	0.933262	-1.07151
cg15324873	SIN3A;SIN3A;SIN3A	0.0447465	0.79342	1.06105	1.06105	0.0119061	0.492246	-2.0315	0.42359	0.831474	-1.20268	0.337491	1.25018	1.25018	0.179056	0.724467	-1.38033
cg03016189	SIN3A;SIN3A;SIN3A;SIN3A	0.00430736	?	?	?	0.0595192	0.349866	-2.85824	0.00171999	0.0880818	-11.3531	0.602889	0.77992	-1.28218	?	?	?
cg07224454	SIN3A;SIN3A;SIN3A;SIN3A	0.0204958	0.96972	1.01271	1.01271	0.0478394	0.471141	-2.12251	0.0515338	2.09015	2.09015	0.179367	0.622244	-1.60709	0.00467842	0.286285	-3.49302
cg13628901	SIN3B	0.000217032	0.000105054	0.136957	-7.30154	0.000821535	0.231665	-4.31657	0.0029603	0.306197	-3.26587	0.00313355	0.309797	-3.22792	0.997506	0.999094	-1.00091
cg02962892	SIN3B	0.000303444	0.000356415	0.427782	-2.33764	0.0462937	1.40246	1.40246	?	?	?	0.444745	1.12235	1.12235	0.000958597	0.482472	-2.07266
cg01677310	SIN3B	0.000714437	0.0031141	0.207743	-4.81364	0.0950812	0.490266	-2.03971	0.00262688	0.198189	-5.04568	0.467824	1.33255	1.33255	5.83E-05	0.0553384	-18.0706
ch.19.714487R	SIN3B	0.00944981	0.00103502	0.13164	-7.59648	0.00307638	0.184365	-5.42401	0.0266205	0.334078	-2.99331	0.0103622	0.259931	-3.84718	0.239649	0.598229	-1.6716
cg06815056	SIN3B	0.0195295	0.452695	1.24394	1.24394	0.949973	1.01806	1.01806	0.803772	1.07362	1.07362	0.751874	0.913471	-1.09473	0.384122	1.28998	1.28998
cg07826747	SIN3B	0.0212712	0.202534	1.65626	1.65626	0.0156348	0.329074	-3.03883	0.0275337	0.376263	-2.65771	0.327782	1.46058	1.46058	0.181179	0.587206	-1.70298
cg00757391	SIN3B	0.0276648	0.273891	0.844384	-1.18429	0.544683	1.09536	1.09536	0.0711619	0.741232	-1.34911	0.870714	1.02449	1.02449	0.536544	0.911215	-1.09744
cg15956162	SIP1;SIP1;SIP1	0.0275994	0.025747	0.201212	-4.96989	0.00547593	0.109543	-9.12883	0.0241668	0.196429	-5.09089	0.0632063	0.282245	-3.54302	0.0669551	0.28844	-3.46693
cg21033440	SIPA1;SIPA1	1.38E-06	0.00583031	2.38727	2.38727	3.32E-06	14.1013	14.1013	4.59E-06	12.6199	12.6199	6.69E-05	5.81694	5.81694	0.0629925	0.604049	-1.65549
cg24468199	SIPA1;SIPA1	0.000100085	0.483332	1.22049	1.22049	0.000233319	5.51412	5.51412	0.00077361	4.15081	4.15081	0.000963487	3.95423	3.95423	0.0133019	0.424048	-2.35822
cg06464468	SIPA1;SIPA1	0.000194041	0.158044	1.3034	1.3034	5.16E-05	3.78103	3.78103	7.46E-05	3.53588	3.53588	0.00137829	2.2582	2.2582	0.164505	0.77076	-1.29742
cg16535667	SIPA1;SIPA1	0.00035026	0.894467	1.04519	1.04519	0.00111604	4.94739	4.94739	0.00502307	3.44183	3.44183	0.0102788	2.93606	2.93606	0.00104767	0.19886	-5.02866
cg20450318	SIPA1;SIPA1	0.000532218	0.000599071	0.262997	-3.80233	0.0226573	0.502461	-1.9902	0.88811	0.965116	-1.03614	0.0468953	0.563397	-1.77495	0.000120448	0.183621	-5.446
cg04478684	SIPA1;SIPA1	0.0016115	0.0146631	1.6664	1.6664	0.0490635	0.682598	-1.46499	0.0011274	2.25833	2.25833	0.00245826	2.04603	2.04603	0.569483	0.906919	-1.10263
cg24147428	SIPA1;SIPA1	0.00564091	0.248429	1.64432	1.64432	0.0621613	2.37629	2.37629	0.00152204	6.56444	6.56444	0.0856469	2.18823	2.18823	0.40516	0.703931	-1.42059
cg26134777	SIPA1;SIPA1	0.00740763	0.00205133	0.392156	-2.55	0.00255098	0.405744	-2.46461	0.0721985	0.648934	-1.54099	0.11848	0.694029	-1.44086	0.0024275	0.402632	-2.48366
cg07982082	SIPA1;SIPA1	0.00762212	0.0100719	4.5841	4.5841	0.00154797	8.45144	8.45144	0.00339086	6.47329	6.47329	0.0114216	4.41161	4.41161	0.0446469	2.94728	2.94728
cg15425427	SIPA1;SIPA1	0.0474008	0.854789	0.911476	-1.09712	0.147516	0.455534	-2.19522	0.00360179	0.13614	-7.34536	0.917847	0.949138	-1.05359	0.0712158	2.77198	2.77198
cg24112614	SIPA1L1	9.27E-07	0.0356324	0.822307	-1.21609	6.33E-08	0.230847	-4.33188	5.40E-07	0.328384	-3.04521	0.000588596	1.52925	1.52925	6.15E-05	0.553607	-1.80634
cg27025738	SIPA1L1	1.28E-05	0.000184067	0.563949	-1.77321	9.09E-06	2.38783	2.38783	0.00628929	1.38069	1.38069	0.0968779	1.17958	1.17958	0.136383	0.864643	-1.15655
cg10179569	SIPA1L1	0.000188469	0.00401616	0.53271	-1.87719	0.00010998	0.329825	-3.03191	0.180518	0.793197	-1.26072	0.000552255	2.39565	2.39565	0.071154	0.720068	-1.38876
cg14234694	SIPA1L1	0.0040354	0.118735	0.625748	-1.59809	0.00554816	0.364677	-2.74215	0.0069474	0.380273	-2.62969	0.320988	0.752874	-1.32824	0.00115156	0.266492	-3.75245
cg26272417	SIPA1L1	0.0152011	0.0364794	3.27512	3.27512	0.0174487	0.243593	-4.10522	0.460334	0.692924	-1.44316	0.556939	1.33633	1.33633	0.628038	1.26904	1.26904
cg07139449	SIPA1L1	0.0369509	0.120621	0.669015	-1.49473	0.0696214	0.615992	-1.6234	0.00207347	0.355125	-2.81591	0.957744	1.01273	1.01273	0.180442	1.40438	1.40438
cg06721998	SIPA1L1	0.0377073	0.0550879	0.679233	-1.47225	0.294231	0.824088	-1.21346	0.922017	0.982737	-1.01757	0.468	0.876932	-1.14034	0.049222	0.67084	-1.49067
cg19658054	SIPA1L1	0.0386822	0.409256	0.777523	-1.28613	0.00105103	0.235661	-4.24338	0.0736153	0.55174	-1.81245	0.104422	0.58905	-1.69765	0.260598	0.704791	-1.41886
cg19820447	SIPA1L1	0.0441348	0.740603	1.1682	1.1682	0.380456	1.52348	1.52348	0.0415565	3.00314	3.00314	0.110732	2.25518	2.25518	0.189134	0.521539	-1.9174
cg11077161	SIPA1L1;SIPA1L1	0.0196627	0.314152	1.40662	1.40662	0.00146641	0.221926	-4.506	0.00340048	0.271168	-3.68774	0.744335	0.898294	-1.11322	0.060484	0.499662	-2.00135
cg07221695	SIPA1L2	0.00188224	0.440234	0.876279	-1.14119	0.0191724	0.621549	-1.60888	0.33187	1.18291	1.18291	0.750811	0.947945	-1.05491	3.94E-05	0.267158	-3.7431
cg11337053	SIPA1L2	0.00846793	0.0323518	0.710186	-1.40808	0.101163	0.782574	-1.27783	0.000595192	2.0626	2.0626	0.242879	0.846273	-1.18165	0.734833	1.04753	1.04753
cg00462430	SIPA1L2	0.013931	0.0109032	0.160013	-6.2495	0.0213544	0.204737	-4.88432	0.0574357	0.291645	-3.42883	0.119934	0.380084	-2.631	0.00330613	0.100825	-9.91814
cg02414710	SIPA1L2	0.0333989	0.0956387	1.22692	1.22692	0.590441	0.941104	-1.06258	0.218878	0.86548	-1.15543	0.0119109	0.704234	-1.41998	0.136724	0.836017	-1.19615
cg13558462	SIPA1L3	2.01E-06	0.00541765	0.625699	-1.59821	4.12E-06	0.254824	-3.92428	6.33E-06	0.274885	-3.63788	6.47E-07	0.175193	-5.70801	1.56E-05	0.31866	-3.13815
cg03424655	SIPA1L3	0.000552719	0.0585643	0.814819	-1.22727	0.215202	1.13318	1.13318	0.0162744	1.32523	1.32523	0.846438	0.98159	-1.01876	0.000175993	0.543536	-1.8398
cg15325132	SIPA1L3	0.00113146	0.460064	0.900901	-1.11	0.0147742	0.659523	-1.51625	0.00150167	0.530049	-1.88662	0.0557734	1.3508	1.3508	0.790729	0.963771	-1.03759
cg02365577	SIPA1L3	0.00121423	0.385424	0.920877	-1.08592	0.0178043	0.765764	-1.30588	0.00563947	0.71425	-1.40007	0.630391	0.956082	-1.04594	2.30E-05	0.456208	-2.19198
cg26849996	SIPA1L3	0.00150407	0.088073	0.72773	-1.37414	0.00051114	0.400021	-2.49987	0.000116279	0.319691	-3.12802	0.850004	1.03248	1.03248	0.0234966	0.633254	-1.57915
cg25995870	SIPA1L3	0.00259901	0.157325	0.893234	-1.11953	0.0191336	0.809211	-1.23577	0.00987106	0.783921	-1.27564	0.155601	1.12013	1.12013	0.00204781	1.38321	1.38321
cg08622098	SIPA1L3	0.00339328	0.00693107	0.416133	-2.40308	0.00336276	0.36751	-2.72101	0.00451843	0.386944	-2.58435	0.860734	1.04505	1.04505	0.00197461	0.333891	-2.99499
cg14968388	SIPA1L3	0.00479964	0.00098219	0.267425	-3.73937	0.0010229	0.269713	-3.70765	0.0123179	0.432186	-2.31382	0.221634	0.707679	-1.41307	0.00295903	0.333513	-2.99839
cg26542597	SIPA1L3	0.0180142	0.00678514	0.413034	-2.42111	0.696137	0.905818	-1.10397	0.0094383	0.436407	-2.29144	0.84921	0.953161	-1.04914	0.0846493	0.618377	-1.61714
cg23674904	SIPA1L3	0.0343946	0.977405	1.0043	1.0043	0.00349754	1.82132	1.82132	0.0726932	1.35395	1.35395	0.73771	1.05218	1.05218	0.420791	1.13254	1.13254
cg06018270	SIPA1L3	0.0468048	0.0318318	0.215042	-4.65026	0.0257048	0.198184	-5.04582	0.115373	0.351439	-2.84545	0.471084	0.638978	-1.565	0.0303577	0.211191	-4.73506
cg14972228	SIPA1L3	0.0468643	0.318924	0.726639	-1.3762	0.119759	1.68758	1.68758	0.567033	0.835793	-1.19647	0.846933	1.06174	1.06174	0.00242021	0.269992	-3.70381
cg11435087	SIPA1L3;WDR87;WDR87	0.000212884	0.233057	0.776289	-1.28818	0.123803	1.40152	1.40152	0.816866	1.0481	1.0481	0.000246523	3.40826	3.40826	0.133	0.720177	-1.38855
cg19237753	SIRPA;SIRPA;SIRPA	0.00766577	0.708753	0.954494	-1.04768	0.0146291	1.45229	1.45229	0.0154208	1.44623	1.44623	0.023659	1.39838	1.39838	0.238589	1.16557	1.16557
cg26119894	SIRPA;SIRPA;SIRPA	0.0147288	0.00348998	1.68638	1.68638	0.0400412	0.731327	-1.36738	0.0318075	0.71764	-1.39346	0.520124	0.917627	-1.08977	0.161983	0.821283	-1.21761
cg21974985	SIRPA;SIRPA;SIRPA	0.0173458	0.0211071	1.63025	1.63025	0.934307	1.01463	1.01463	0.533204	1.11764	1.11764	0.297694	0.826754	-1.20955	0.405978	1.16163	1.16163
cg19256731	SIRPA;SIRPA;SIRPA	0.0221894	0.00425374	2.28062	2.28062	0.677631	1.09427	1.09427	0.456663	0.849277	-1.17747	0.00567767	2.18566	2.18566	0.479208	0.856396	-1.16768
cg11689419	SIRPA;SIRPA;SIRPA	0.0479814	0.118745	0.672596	-1.48678	0.329925	0.790197	-1.26551	0.0739232	0.627188	-1.59442	0.291101	0.773694	-1.2925	0.106532	0.661823	-1.51098
cg26616780	SIRPB1;SIRPB1	0.0104154	0.0123668	0.157537	-6.34771	0.0137037	0.16384	-6.10353	0.0259657	0.208355	-4.7995	0.0521814	0.269652	-3.70849	0.0658318	0.293785	-3.40385
cg09577651	SIRPB1;SIRPB1;SIRPB1	3.95E-05	1.51E-05	0.152117	-6.5739	0.0283142	0.580733	-1.72196	0.000113993	0.241281	-4.14455	0.00221936	0.406655	-2.45908	0.000141992	0.252183	-3.96538
cg04103198	SIRPB1;SIRPB1;SIRPB1	0.0141573	0.00781961	0.161803	-6.18036	0.351353	0.599463	-1.66816	0.00979356	0.17511	-5.71069	0.75461	0.845961	-1.18209	0.0352308	0.270227	-3.7006
cg02198625	SIRPB1;SIRPB1;SIRPB1;SIRPB1;SIRPB1;SIRPB1	2.94E-05	1.32E-05	0.136905	-7.30435	0.519681	0.867603	-1.1526	0.000735763	0.327572	-3.05276	0.00354301	0.423112	-2.36344	1.12E-06	0.0635497	-15.7357
cg25799433	SIRPB1;SIRPB1;SIRPB1;SIRPB1;SIRPB1;SIRPB1	0.0222148	0.0512886	0.31909	-3.13392	0.014014	0.209817	-4.76606	0.065205	0.34456	-2.90225	0.0299943	0.268739	-3.72108	0.00202772	0.106442	-9.39479
cg02412628	SIRPB2;SIRPB2	3.52E-08	5.88E-10	0.0520256	-19.2213	0.0107232	1.3314	1.3314	9.38E-07	0.314572	-3.17893	2.43E-07	0.252283	-3.9638	0.00135683	0.6602	-1.51469
cg07725579	SIRPB2;SIRPB2	2.07E-05	1.36E-06	0.0421022	-23.7517	0.0482376	0.56026	-1.78489	0.00452158	0.378684	-2.64072	2.60E-05	0.117982	-8.47584	0.0167749	0.472775	-2.11517
cg21090064	SIRPB2;SIRPB2	3.87E-05	9.90E-06	0.191002	-5.23555	0.0184618	0.607536	-1.64599	0.000508326	0.387916	-2.57787	0.559725	0.902271	-1.10831	0.000119691	0.309507	-3.23094
cg00980519	SIRPB2;SIRPB2	0.00399298	0.000497494	0.0546943	-18.2834	0.922347	0.949329	-1.05338	0.00250773	0.106573	-9.38322	0.237145	1.93582	1.93582	0.672716	1.25433	1.25433
cg24311135	SIRPB2;SIRPB2	0.00480926	0.000872832	0.0681306	-14.6777	0.338815	0.588332	-1.69972	0.0231159	0.231927	-4.3117	0.011156	0.180606	-5.5369	0.00356508	0.119512	-8.36737
cg00572387	SIRPB2;SIRPB2	0.00512885	0.00495845	0.147149	-6.79584	0.0250886	0.25346	-3.94539	0.0118817	0.198404	-5.04022	0.509668	0.708562	-1.41131	0.0205278	0.237503	-4.21048
cg00228984	SIRPB2;SIRPB2	0.0359561	0.0181455	0.152805	-6.5443	0.901723	0.922293	-1.08425	0.219438	0.4293	-2.32938	0.932743	0.94623	-1.05683	0.381115	0.555309	-1.8008

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14717557	0.497127	1.27825	1.27825	0.804468	0.915458	-1.09235	2.55E-05	19.5536	19.5536	0.602699	1.20564	1.20564	9.24812	18.5735	1.78521	1
cg04337653	0.373376	0.642823	-1.55564	0.0160656	4.15694	4.15694	0.000316343	16.8009	16.8009	0.344494	0.624466	-1.60137	9.17774	33.9895	3.29198	1
cg26099134	0.011542	2.67533	2.67533	0.0106468	0.367731	-2.71938	0.000979245	4.60563	4.60563	0.674138	1.14082	1.14082	8.8918	13.6669	1.36624	1
cg08041481	0.154534	0.644851	-1.55075	0.170386	0.656811	-1.52251	0.000149123	6.52767	6.52767	0.029691	2.08928	2.08928	8.8617	11.6334	1.16691	1
cg26796341	0.171838	0.681367	-1.46764	0.00660404	0.394478	-2.535	0.000459233	4.28405	4.28405	0.407542	0.79974	-1.25041	8.70879	9.59649	0.979494	1
cg11891393	0.248294	1.34547	1.34547	0.120539	1.51288	1.51288	9.88E-05	5.47271	5.47271	0.852555	1.04681	1.04681	8.36299	8.00731	0.851084	1
cg26248075	0.00206034	7.28627	7.28627	0.314619	0.621396	-1.60928	0.000315824	14.4434	14.4434	0.485198	1.38335	1.38335	8.34253	27.6601	2.94716	1
cg22784386	0.822502	1.08698	1.08698	0.470104	1.31358	1.31358	0.00189611	5.12332	5.12332	0.372993	1.40422	1.40422	8.31778	18.1507	1.9397	1
cg11471772	0.915353	1.04539	1.04539	0.600718	0.802142	-1.24666	5.33E-05	23.3036	23.3036	0.228075	1.69587	1.69587	8.28493	22.8708	2.45381	1
cg16565394	0.480415	0.772531	-1.29445	0.209523	0.621338	-1.60943	0.00265761	4.46136	4.46136	0.324073	1.44258	1.44258	8.1078	16.6234	1.82249	1
cg24544512	0.00451229	0.176666	-5.6604	0.000782547	0.0976437	-10.2413	0.490303	1.3784	1.3784	0.0309792	0.313488	-3.18991	7.91884	26.3077	2.95304	1
cg26499055	0.0185839	0.301353	-3.31836	0.00188515	0.156959	-6.37108	0.00422548	5.00204	5.00204	0.198291	1.77081	1.77081	7.84951	21.9614	2.48694	1
cg19884950	0.00137501	0.215075	-4.64954	0.00409405	0.279324	-3.58008	0.316596	1.40888	1.40888	0.127581	0.579556	-1.72546	6.32174	10.9755	1.54325	1
cg02764478	0.970957	0.986272	-1.01392	0.117109	0.523969	-1.90851	0.000491861	7.94421	7.94421	0.521312	1.27994	1.27994	6.16895	14.0851	2.02953	1
cg12847554	0.900932	1.03187	1.03187	0.0227833	0.503317	-1.98682	0.000311399	4.3637	4.3637	0.158868	1.46135	1.46135	6.04436	6.07534	0.893446	1
cg26954968	0.287977	1.55833	1.55833	0.962172	0.981108	-1.01926	0.000236826	11.5795	11.5795	0.254673	1.61327	1.61327	5.37719	13.7712	2.27648	1
cg07973435	0.0504081	0.251435	-3.97716	0.00852997	0.125188	-7.98801	0.0885547	3.20003	3.20003	0.1078	0.337429	-2.96359	5.19268	31.5199	5.39562	1
cg10745499	0.67101	0.809259	-1.2357	0.151673	0.467271	-2.14008	0.000485297	15.0172	15.0172	0.751986	1.17004	1.17004	5.11795	19.8874	3.45405	1
cg06246999	0.251579	0.608818	-1.64253	0.00450189	0.208315	-4.80042	0.917614	1.0438	1.0438	0.0866503	0.456563	-2.19028	5.00132	13.595	2.41625	1
cg17942121	0.29763	0.617206	-1.6202	0.138411	0.4902	-2.03998	0.00197721	7.0525	7.0525	0.382009	1.49286	1.49286	4.92613	15.5835	2.81194	1
cg00500167	0.823444	0.960017	-1.04165	0.493135	0.880656	-1.13552	0.0248448	0.614049	-1.62854	0.000697625	0.388936	-2.57112	4.76303	2.5152	0.469392	1
cg08979319	0.0751012	4.32	4.32	0.129207	3.35471	3.35471	0.000979141	37.32	37.32	0.0841057	4.09994	4.09994	4.57952	39.5324	7.67328	1
cg20373081	0.0321856	0.304237	-3.28691	0.00273136	0.140575	-7.11362	0.0366983	0.316259	-3.16196	0.10996	0.437649	-2.28494	4.53165	16.1448	3.16682	1
cg24211504	0.785857	1.15989	1.15989	0.265194	0.531303	-1.88217	0.00142613	12.3412	12.3412	0.334245	1.72014	1.72014	4.39517	20.6488	4.17606	1
cg01978237	0.772237	1.1737	1.1737	0.891717	1.07806	1.07806	0.00112806	14.0816	14.0816	0.677668	1.25944	1.25944	3.918	18.8967	4.28716	1
cg23588121	0.528967	1.34564	1.34564	0.00742316	0.200881	-4.97807	0.0743051	2.52334	2.52334	0.760108	0.867151	-1.1532	3.7333	12.8087	3.04973	1
cg06567227	0.558766	0.803372	-1.24475	0.0022634	0.205584	-4.86418	0.303318	0.673819	-1.48408	0.548885	0.798841	-1.25181	3.57983	7.77379	1.93027	1
cg24592906	0.100207	0.774388	-1.29134	0.29394	0.856806	-1.16713	5.74E-08	13.9336	13.9336	0.361714	0.875378	-1.14236	75.5851	24.1261	0.283725	1
cg00754430	0.168164	1.25362	1.25362	0.00286697	1.88012	1.88012	0.279026	0.840956	-1.18912	0.995564	1.00086	1.00086	4.92539	1.84765	0.333446	1
cg02672220	0.0156674	1.45944	1.45944	0.000123679	0.425576	-2.34976	0.000613727	1.96063	1.96063	0.00616031	0.633813	-1.57775	30.131	7.77194	0.229279	1
cg08066129	0.0980125	0.687966	-1.45356	0.00136442	0.383782	-2.60564	2.98E-06	9.93042	9.93042	0.00487681	2.15756	2.15756	28.8202	19.3827	0.597812	1
cg01090834	0.00166195	0.379201	-2.63713	0.595097	1.12256	1.12256	0.00157417	2.66025	2.66025	0.593172	0.890275	-1.12325	26.6486	19.6051	0.653947	1
cg19498960	0.00750418	0.492009	-2.03248	0.00858466	0.501117	-1.99554	1.27E-05	6.63209	6.63209	0.289945	1.25404	1.25404	21.2176	14.2747	0.598021	1
cg26938272	0.000150658	0.219882	-4.54789	0.00015109	0.22002	-4.54503	0.000820506	3.23391	3.23391	0.204514	0.732217	-1.36572	17.9153	15.376	0.762898	1
cg07615087	0.0691682	0.643678	-1.55357	0.0127216	0.511296	-1.95582	0.000320065	3.53239	3.53239	0.671734	1.09676	1.09676	16.2836	12.1071	0.660901	1
cg03993743	0.025099	0.645738	-1.54862	0.000102688	0.323512	-3.09107	0.846849	1.03225	1.03225	0.0171186	0.620633	-1.61126	12.235	5.22135	0.379336	1
cg14845410	0.0769536	0.68043	-1.46966	0.0658459	0.667604	-1.49789	0.000360012	3.0658	3.0658	0.14748	0.737664	-1.35563	10.5106	6.37977	0.539541	1
cg15750546	0.0381652	0.569948	-1.75454	0.0286206	0.546525	-1.82974	0.487827	1.1793	1.1793	0.809806	1.05804	1.05804	10.1891	8.83445	0.770708	1
cg21152177	0.000386407	0.571849	-1.74871	0.00396121	0.682163	-1.46593	0.00241565	1.51746	1.51746	0.700006	1.03896	1.03896	9.64781	1.48877	0.137166	1
cg22289831	0.0936277	0.544154	-1.83772	0.000212527	0.129717	-7.70906	0.11059	0.563375	-1.77502	0.00259551	0.252254	-3.96426	9.43483	16.2757	1.53339	1
cg04648480	0.235856	0.682525	-1.46515	0.00187422	0.257693	-3.88059	0.0219986	2.32731	2.32731	0.331113	0.734675	-1.36115	9.34307	13.9894	1.33094	1
cg24080247	0.476037	0.805159	-1.24199	0.0265615	0.455599	-2.19491	0.000370487	5.49542	5.49542	0.748029	1.10118	1.10118	9.24437	13.0925	1.25891	1
cg14626259	0.0224073	0.339556	-2.94502	0.00463274	0.225994	-4.4249	0.0273491	2.80314	2.80314	0.0136589	0.299897	-3.33448	9.18749	22.6831	2.19459	1
cg19193931	0.339058	0.722023	-1.385	0.0503986	0.4785	-2.08987	0.000519189	5.98462	5.98462	0.710005	1.1314	1.1314	9.15649	15.8421	1.53791	1
cg02553516	0.0311068	0.445067	-2.24685	0.00131274	0.223955	-4.46517	0.159123	1.61845	1.61845	0.0836085	0.541905	-1.84534	9.05953	14.688	1.44113	1
cg02701080	0.0751721	0.498822	-2.00472	0.00611661	3.51112	3.51112	0.0305138	2.44087	2.44087	0.735007	0.887586	-1.12665	8.92723	17.4208	1.7346	1
cg21697851	0.104471	0.312869	-3.19623	0.0406903	0.212852	-4.6981	0.000949159	25.1762	25.1762	0.066855	0.260497	-3.83882	8.39542	56.9998	6.03502	1
cg00616687	0.216027	0.625278	-1.59929	0.000291532	0.118836	-8.41496	0.0814221	2.00687	2.00687	0.879549	0.946779	-1.05621	8.22457	16.9421	1.83106	1
cg10850930	0.013428	0.317367	-3.15092	0.000521579	0.131585	-7.59967	0.235728	1.59341	1.59341	0.018806	0.343996	-2.90701	7.65438	17.0401	1.97884	1
cg14356396	0.0584097	0.59597	-1.67794	0.561512	0.867553	-1.15267	0.00264135	2.73735	2.73735	0.586248	0.875455	-1.14226	7.51656	6.97304	0.824614	1
cg20755721	0.0130575	0.541038	-1.8483	0.000956295	0.374671	-2.66901	0.045952	0.633608	-1.57826	0.0296952	0.600181	-1.66616	7.11251	4.48282	0.560242	1
cg25446076	0.214962	0.490682	-2.03798	0.00206878	0.0938729	-10.6527	0.249642	1.92751	1.92751	0.0861942	0.355579	-2.81232	6.79839	32.0307	4.18801	1
cg11088471	0.0493077	0.381021	-2.62453	0.000747986	0.110807	-9.02471	0.360143	0.667251	-1.49869	0.0273256	0.325331	-3.0738	6.70324	19.6339	2.60357	1
cg12659494	0.014398	0.275959	-3.62373	0.00341281	0.182986	-5.46491	0.0842531	0.442518	-2.2598	0.00608484	0.216821	-4.6121	6.50563	18.7712	2.56478	1
cg27248980	0.00785819	0.231756	-4.31488	0.00135633	0.13613	-7.34593	0.0225564	0.31008	-3.22497	0.0112008	0.256027	-3.90585	6.3155	18.3805	2.587	1
cg16001495	0.713209	0.877695	-1.13935	0.142973	0.573305	-1.74427	0.0098297	3.16843	3.16843	0.827703	0.925864	-1.08007	6.2675	12.3962	1.75809	1
cg10456990	0.902088	1.04543	1.04543	0.0424952	0.430312	-2.3239	0.115549	1.85436	1.85436	0.684165	0.862751	-1.15908	6.09552	12.5791	1.83436	1
cg02194789	0.0713069	0.358246	-2.79138	0.00501437	0.150766	-6.63282	0.0199592	0.238991	-4.18426	0.0140682	0.213356	-4.68701	5.86067	24.1061	3.65617	1
cg26701242	0.156808	0.673719	-1.4843	0.527357	1.18177	1.18177	0.553317	1.16928	1.16928	0.0801172	0.60269	-1.65923	5.82068	6.26991	0.957493	1
cg22711869	0.0229722	0.191683	-5.21696	0.00290529	0.083275	-12.0084	0.1016	0.336717	-2.96985	0.0207051	0.184211	-5.42855	5.35362	31.2734	5.19249	1
cg10500362	0.0117328	0.277483	-3.60383	0.00392035	0.205803	-4.85902	0.660435	0.835254	-1.19724	0.013224	0.286346	-3.49228	5.21088	13.6848	2.33439	1
cg08175957	0.446012	0.826845	-1.20942	0.0085411	0.439839	-2.27356	0.0128169	2.13107	2.13107	0.934934	0.980213	-1.02019	4.99085	4.73562	0.843432	1
cg24354581	0.226975	0.588875	-1.69815	0.00404889	0.199621	-5.00948	0.443033	0.721439	-1.38612	0.0486747	0.390614	-2.56007	4.84216	13.3655	2.45354	1
cg22976224	0.169259	0.537409	-1.86078	0.667166	1.20137	1.20137	0.00132336	7.24697	7.24697	0.998394	0.999147	-1.00085	4.55737	12.9794	2.53155	1
cg14317513	0.0152057	0.174753	-5.72237	0.00395983	0.103597	-9.65277	0.0578187	0.285113	-3.50738	0.00601364	0.12245	-8.16659	4.32488	23.4467	4.81897	1
cg04975856	0.257166	0.678876	-1.47302	0.334568	1.38534	1.38534	0.0764112	0.524347	-1.90713	0.754728	0.90245	-1.10809	4.13952	7.03262	1.51013	1
cg22729973	0.666877	0.910772	-1.09797	0.00189746	0.386793	-2.58536	0.611626	1.11685	1.11685	0.792343	1.0586	1.0586	3.61367	2.66602	0.655787	1
cg08805821	0.134863	0.544325	-1.83714	0.410434	0.727891	-1.37383	0.00821954	3.58111	3.58111	0.036512	0.399711	-2.50181	3.56508	8.03838	2.00423	1
cg01065599	0.0098	0.171209	-5.84082	0.07156	0.337052	-2.9669	0.198064	0.479388	-2.08599	0.0276428	0.244784	-4.08523	3.54077	16.3815	4.11248	1
cg27312652	0.0488413	0.386238	-2.58908	0.0231007	0.317039	-3.15419	0.342538	1.51215	1.51215	0.24515	0.598051	-1.6721	3.46013	9.79949	2.51744	1
cg02028562	0.543142	0.801186	-1.24815	0.0114698	0.320107	-3.12395	0.393524	1.36994	1.36994	0.0304036	0.399975	-2.50015	5.0784	10.4318	1.82591	1
cg07907534	0.340796	0.90784	-1.10152	0.00316441	0.672236	-1.48757	0.0384656	0.789636	-1.26641	0.805199	1.02464	1.02464	4.11904	0.632858	0.136571	1
cg14804635	0.634128	1.06833	1.06833	0.00371485	0.582537	-1.71663	0.550964	0.920192	-1.08673	0.223805	0.83846	-1.19266	3.96479	1.19343	0.267561	1
cg12365396	0.0210228	0.698069	-1.43252	0.000769706	0.517138	-1.93372	0.827779	1.02861	1.02861	0.0553865	1.3247	1.3247	18.4943	4.91117	0.236044	1
cg04137128	0.0986349	0.720515	-1.3879	0.506304	0.885103	-1.12981	0.0104046	1.79311	1.79311	0.107654	0.727764	-1.37407	5.4656	2.8358	0.461196	1
cg15324873	0.892937	0.97005	-1.03087	0.003099	0.400974	-2.49393	0.436309	0.83583	-1.19642	0.13095	0.691932	-1.44523	3.53299	2.85321	0.717859	1
cg03016189	0.000413388	0.0414186	-24.1437	0.0121701	0.200977	-4.97569	0.216982	0.53545	-1.86759	0.0161787	0.223243	-4.47943	11.4093	29.8272	2.24081	1
cg07224454	0.104789	1.80345	1.80345	?	?	?	0.133988	1.71188	1.71188	0.46626	0.78143	-1.2797	4.74991	7.39911	1.55774	1
cg13628901	5.24E-05	0.111538	-8.96554	0.490548	0.816137	-1.22528	0.000148144	0.150725	-6.6346	0.00546227	0.346376	-2.88704	17.9682	23.9528	1.18495	1
cg02962892	0.000321371	0.422141	-2.36888	0.00343928	1.80168	1.80168	0.140482	1.26482	1.26482	0.0610883	0.731462	-1.36712	16.8055	5.19338	0.309029	1
cg01677310	0.607501	0.817627	-1.22305	0.000455264	0.116901	-8.55427	0.132455	0.532084	-1.8794	0.00262767	0.198206	-5.04526	12.9367	30.9455	2.12629	1
ch.19.714487R	0.91273	1.04681	1.04681	0.515916	0.759675	-1.31635	0.274701	0.622369	-1.60676	0.377592	1.45903	1.45903	6.01834	16.5959	2.45116	1
cg06815056	0.000440787	0.205222	-4.87276	0.0412902	0.510865	-1.95747	0.671167	1.12958	1.12958	0.804597	0.931714	-1.07329	4.74273	6.11541	1.14616	1
cg07826747	0.545809	1.25767	1.25767	0.00899002	0.287712	-3.4757	0.161883	0.571131	-1.75091	0.0159215	0.330508	-3.02564	4.60679	10.2615	1.97998	1
cg00757391	0.0743865	1.34358	1.34358	0.00150771	1.97236	1.97236	0.547927	0.91363	-1.09454	0.226659	1.20754	1.20754	4.20557	1.47005	0.31071	1
cg15956162	0.0960305	0.330671	-3.02415	0.00942361	0.136364	-7.33332	0.826916	0.875834	-1.14177	0.0364093	0.229362	-4.35992	4.20908	24.4338	5.16002	1
cg21033440	0.0306926	0.542355	-1.84381	3.99E-06	13.2309	13.2309	4.35E-07	31.4973	31.4973	5.10E-06	12.1888	12.1888	67.5415	62.139	0.817788	1
cg24468199	0.0480487	0.531499	-1.88147	3.35E-05	9.488	9.488	0.000839564	4.07594	4.07594	0.000916469	3.99785	3.99785	22.1355	27.4259	1.10133	1
cg06464468	0.346037	1.18575	1.18575	0.607048	1.09535	1.09535	0.000143779	3.1584	3.1584	0.00266731	2.07352	2.07352	18.5224	9.04196	0.433923	1
cg16535667	0.00413011	0.277815	-3.59952	0.000469597	6.23777	6.23777	0.0144541	2.72838	2.72838	0.0327438	2.29781	2.29781	15.766	27.6925	1.5613	1
cg20450318	0.00150487	0.315523	-3.16934	0.0333057	0.533964	-1.87279	0.000159598	0.196428	-5.09093	0.00136294	0.309629	-3.22967	14.0449	14.1507	0.895587	1
cg04478684	0.00632488	1.8299	1.8299	0.00062572	2.44471	2.44471	0.244569	1.22984	1.22984	0.0175138	1.63462	1.63462	10.2652	4.69587	0.406627	1
cg24147428	0.107265	0.484494	-2.06401	0.348753	1.48829	1.48829	0.000925375	7.68382	7.68382	0.0169538	3.32138	3.32138	7.07237	19.0317	2.39199	1
cg26134777	0.0907387	0.66925	-1.49421	0.0237914	0.559102	-1.78858	0.0480031	0.614396	-1.62761	0.0067184	0.468841	-2.13292	6.49918	4.78032	0.653802	1
cg07982082	0.0602258	2.70127	2.70127	0.00439731	5.94713	5.94713	0.0608159	2.6936	2.6936	0.0399334	3.04462	3.04462	6.44132	22.4255	3.09467	1
cg15425427	0.816527	0.889063	-1.12478	0.0900612	0.388585	-2.57344	0.143519	0.451457	-2.21505	0.421869	1.51455	1.51455	3.45733	14.017	3.6038	1
cg24112614	8.49E-05	0.56833	-1.75954	0.591229	0.957556	-1.04433	0.000819452	0.668029	-1.49694	6.42E-05	0.555581	-1.79992	74.77	7.57857	0.0900965	1
cg27025738	0.00048804	1.64096	1.64096	8.83E-05	1.89016	1.89016	4.54E-06	2.59846	2.59846	0.0124129	1.32582	1.32582	38.0343	4.94796	0.115637	1
cg10179569	0.00262581	0.507332	-1.97109	0.000115727	0.332493	-3.00758	0.00345126	0.523611	-1.90981	0.237392	0.817364	-1.22344	18.6692	7.84893	0.373707	1
cg14234694	0.134545	0.639762	-1.56308	0.000469914	0.218363	-4.57954	0.238379	0.710438	-1.40758	0.472408	1.22426	1.22426	7.83166	9.50571	1.07889	1
cg26272417	0.0591805	2.82828	2.82828	0.00383648	6.69875	6.69875	0.0680372	2.71101	2.71101	0.0369549	3.26227	3.26227	5.15793	19.456	3.35294	1
cg07139449	0.925421	0.977893	-1.02261	0.031987	0.548826	-1.82207	0.666283	0.90159	-1.10915	0.577304	0.874211	-1.14389	3.7917	3.42361	0.802598	1
cg06721998	0.971597	0.993688	-1.00635	0.292267	0.82339	-1.21449	0.354199	0.844073	-1.18473	0.000859709	0.410619	-2.43535	3.76376	1.88536	0.445266	1
cg19658054	0.354661	0.75283	-1.32832	0.372132	1.31418	1.31418	0.142945	0.625352	-1.5991	0.237861	0.691659	-1.4458	3.72876	5.25015	1.25157	1
cg19820447	0.215777	1.83977	1.83977	0.0393705	3.0507	3.0507	0.00325378	6.53841	6.53841	0.719673	1.1837	1.1837	3.55121	12.3162	3.08283	1
cg11077161	0.962091	0.984542	-1.0157	0.470247	0.786021	-1.27223	0.405179	0.756426	-1.32201	0.373432	0.741205	-1.34915	4.7318	8.05105	1.51242	1
cg07221695	0.927492	0.984844	-1.01539	0.247925	1.22468	1.22468	0.322977	1.18685	1.18685	0.0202575	0.62519	-1.59951	9.81367	4.37597	0.39636	1
cg11337053	0.132041	1.24859	1.24859	0.130486	1.24989	1.24989	0.619929	0.933996	-1.07067	0.0739377	1.31263	1.31263	6.23146	1.84101	0.262612	1
cg00462430	0.650827	0.770074	-1.29858	0.00870591	0.147062	-6.79985	0.0799373	0.328206	-3.04687	0.00478926	0.116851	-8.5579	5.3085	27.643	4.62872	1
cg02414710	0.0548976	1.27536	1.27536	0.179145	1.17285	1.17285	0.0655687	0.793829	-1.25972	0.148543	0.841034	-1.18901	3.93303	0.777509	0.175722	1
cg13558462	8.16E-07	0.184455	-5.42138	0.509088	1.0896	1.0896	0.539903	0.923577	-1.08275	0.000100052	0.413117	-2.42062	61.3391	15.9442	0.231054	1
cg03424655	0.650315	0.957206	-1.04471	0.00141329	1.55712	1.55712	0.00426234	1.44267	1.44267	0.00257068	1.49274	1.49274	13.898	2.02166	0.129301	1
cg15325132	0.000740695	0.491209	-2.03579	0.00100411	1.96898	1.96898	0.487523	1.10282	1.10282	0.205882	1.2034	1.2034	11.3607	3.46388	0.271023	1
cg02365577	0.871975	0.985171	-1.01505	0.136053	1.16044	1.16044	0.797953	1.02405	1.02405	0.158779	0.869767	-1.14973	11.1342	1.51321	0.120805	1
cg26849996	0.312505	0.838277	-1.19292	0.0304327	1.53654	1.53654	0.719133	0.940845	-1.06287	0.508233	0.892856	-1.12	10.4714	4.7284	0.40138	1
cg25995870	0.00365657	1.34108	1.34108	0.206644	1.10456	1.10456	0.0229293	1.22528	1.22528	0.046402	1.1857	1.1857	8.92929	0.788341	0.0784773	1
cg08622098	0.279961	1.32553	1.32553	0.00117943	0.303006	-3.30027	0.374119	0.795396	-1.25724	0.296977	0.762376	-1.31169	8.24984	8.22629	0.886352	1
cg14968388	0.0158255	0.451303	-2.21581	0.0388154	0.525237	-1.9039	0.51083	0.835677	-1.19664	0.0538783	0.554832	-1.80235	7.43068	8.52556	1.01986	1
cg26542597	0.143903	0.673196	-1.48545	0.00160516	0.319668	-3.12824	0.519805	0.848367	-1.17874	0.0411373	0.552201	-1.81094	4.87384	4.90316	0.894237	1
cg23674904	0.0694591	0.735417	-1.35977	0.0304902	1.46932	1.46932	0.238622	1.20537	1.20537	0.43145	0.885579	-1.1292	3.8916	1.41158	0.322422	1
cg06018270	0.0564021	0.267215	-3.74231	0.0101414	0.137908	-7.2512	0.670404	1.29892	1.29892	0.0689828	0.288464	-3.46664	3.47386	20.5331	5.254	1
cg14972228	0.776203	0.915436	-1.09238	0.774888	0.914945	-1.09296	0.182396	1.55071	1.55071	0.0892264	0.559345	-1.7878	3.47219	5.28505	1.35298	1
cg11435087	0.127741	1.39584	1.39584	0.0451974	0.627923	-1.59255	8.10E-06	7.2076	7.2076	0.439909	0.852552	-1.17295	18.0626	11.7328	0.577389	1
cg19237753	0.00182726	1.73276	1.73276	0.0284626	0.725467	-1.37842	0.671193	1.05443	1.05443	0.0235768	1.39876	1.39876	6.42979	1.5689	0.216893	1
cg26119894	0.732319	0.955738	-1.04631	0.0328406	0.719528	-1.3898	0.255955	0.85525	-1.16925	0.027365	0.708804	-1.41083	5.21203	1.43516	0.24476	1
cg21974985	0.0437631	1.50449	1.50449	0.000509453	2.60318	2.60318	0.887993	1.02515	1.02515	0.440848	1.14857	1.14857	4.9361	2.42783	0.437202	1
cg19256731	0.658797	1.10051	1.10051	0.0338274	0.586249	-1.70576	0.917081	0.977807	-1.0227	0.483146	1.16601	1.16601	4.54056	3.33989	0.653838	1
cg11689419	0.367805	0.805202	-1.24192	0.00100614	0.318773	-3.13703	0.550001	0.867924	-1.15217	0.895016	0.969552	-1.0314	3.44147	2.98981	0.77223	1
cg26616780	0.873932	0.910075	-1.09881	0.00071542	0.0470284	-21.2638	0.0118196	0.154826	-6.45886	0.13665	0.386141	-2.58973	5.83405	32.5392	4.95774	1
cg09577651	0.380325	0.827863	-1.20793	0.0427741	1.63155	1.63155	0.000116721	0.242444	-4.12467	2.27E-05	0.168489	-5.9351	28.3379	19.7773	0.620363	1
cg04103198	0.0375127	0.275915	-3.6243	0.0698538	0.33908	-2.94916	0.00417252	0.128978	-7.75325	0.00467395	0.13447	-7.43658	5.28044	23.8041	4.00709	1
cg02198625	0.00531397	0.449654	-2.22393	0.314714	1.25386	1.25386	0.0240082	0.556636	-1.79651	0.00180651	0.380773	-2.62624	30.6221	22.9642	0.666596	1
cg25799433	0.241937	1.87837	1.87837	0.192864	0.491975	-2.03262	0.655198	0.793466	-1.26029	0.377018	0.62714	-1.59454	4.53878	19.0442	3.72968	1
cg02412628	0.000704715	0.630711	-1.58551	0.903455	0.989227	-1.01089	0.000406751	0.605624	-1.65119	6.00E-06	0.404035	-2.47503	171.346	21.6223	0.11217	1
cg07725579	0.000218778	0.205657	-4.86247	0.000169986	0.193795	-5.1601	1.51E-05	0.100167	-9.98331	0.00442551	0.377251	-2.65076	33.5792	35.0313	0.92733	1
cg21090064	0.277174	1.21783	1.21783	0.00407764	0.510605	-1.95846	4.79E-06	0.161422	-6.19494	0.00214987	0.471688	-2.12005	28.4792	13.7137	0.428028	1
cg00980519	0.55562	1.37427	1.37427	0.0384959	0.278416	-3.59175	0.00617928	0.148885	-6.71659	0.0365006	0.273544	-3.65572	7.85665	35.3933	4.00435	1
cg24311135	0.273833	0.541907	-1.84533	0.105401	0.386035	-2.59044	0.0014803	0.0848135	-11.7906	0.00749393	0.156926	-6.37242	7.42615	34.0461	4.07522	1
cg00572387	0.246578	0.535728	-1.86662	0.000705687	0.0700092	-14.2838	0.00152883	0.0954032	-10.4818	0.0333023	0.277654	-3.6016	7.28177	30.5987	3.7352	1
cg00228984	0.969205	0.975039	-1.0256	0.00215899	0.0596154	-16.7742	0.0210796	0.162591	-6.1504	0.0923285	0.297276	-3.36388	3.82953	26.0049	6.0361	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00911370	SIRPB2;SIRPB2;SIRPB2;SIRPB2	0.00585609	0.0437739	0.493822	-2.02502	0.00247802	0.277855	-3.59899	0.032302	0.466205	-2.14498	0.148815	0.624134	-1.60222	0.00630792	0.338587	-2.95345	0.580086	0.843554	-1.18546	0.000519783	0.192486	-5.19519	0.08739	0.562973	-1.77628	0.00830439	0.357999	-2.79331	6.99132	10.2626	1.3048	1
cg07571344	SIRPB2;SIRPB2;SIRPB2;SIRPB2	0.00652279	0.0659135	0.48305	-2.07018	0.294928	0.681774	-1.46676	0.0108402	0.32357	-3.09052	0.00175951	0.207695	-4.81475	0.00608594	0.282813	-3.5359	0.721417	1.13458	1.13458	0.0207995	0.374829	-2.66788	0.00511821	0.271351	-3.68526	0.00450378	0.263101	-3.80082	6.76202	13.3186	1.75077	1
cg11934819	SIRPB2;SIRPB2;SIRPB2;SIRPB2	0.0361798	0.542224	0.637734	-1.56805	0.00619413	0.0740726	-13.5003	0.0569301	0.207854	-4.81108	0.0947149	0.262072	-3.81574	0.0102369	0.0944032	-10.5929	0.75086	0.792739	-1.26145	0.0197186	0.128283	-7.79529	0.116984	0.288894	-3.46147	0.0362701	0.169462	-5.90104	3.82091	32.1734	7.48475	1
cg24336547	SIRPD	0.00850129	0.00346393	0.104242	-9.59307	0.00580728	0.127651	-7.83387	0.0435741	0.266583	-3.75117	0.0252721	0.219686	-4.55196	0.00623924	0.131216	-7.621	0.0147788	0.181036	-5.52376	0.00736274	0.13976	-7.15511	0.00948344	0.153716	-6.50552	0.0297064	0.232719	-4.29703	6.22372	31.9961	4.56977	1
cg25737664	SIRPD	0.0109551	0.00127331	0.0465473	-21.4835	0.0109942	0.124661	-8.02172	0.0224335	0.167816	-5.95891	0.0212187	0.164018	-6.09688	0.00907462	0.114872	-8.70537	0.0668764	0.261665	-3.82168	0.0157026	0.1448	-6.90606	0.035638	0.202714	-4.93306	0.0479956	0.228725	-4.37207	5.74008	38.7203	5.99608	1
cg11295724	SIRPD	0.0261101	0.02284	0.154615	-6.46769	0.128725	0.324542	-3.08127	0.0769228	0.259702	-3.85057	0.581567	0.682833	-1.46449	0.0300464	0.173938	-5.74917	0.0506437	0.217295	-4.60203	0.00220137	0.052761	-18.9534	0.0140439	0.125124	-7.99207	0.0943188	0.28348	-3.52759	4.29173	31.9324	6.61373	1
cg01247127	SIRPD	0.0282771	0.032865	0.178435	-5.60428	0.0456136	0.205403	-4.86847	0.0323528	0.177233	-5.6423	0.502429	0.624983	-1.60004	0.0381626	0.190273	-5.25561	0.081455	0.263528	-3.79466	0.00352502	0.0650887	-15.3636	0.0121014	0.115301	-8.67294	0.0719241	0.249754	-4.00394	4.17327	31.5178	6.71315	1
cg17423978	SIRPD	0.0465766	0.0219134	0.131334	-7.61415	0.0060267	0.0707324	-14.1378	0.0653129	0.21708	-4.6066	0.691922	1.34182	1.34182	0.364849	0.502877	-1.98856	0.744052	0.785161	-1.27362	0.0212671	0.129518	-7.72095	0.0663829	0.218707	-4.57233	0.162119	0.332217	-3.01008	3.48025	30.0419	7.67297	1
cg03726785	SIRPD	0.0475316	0.0468611	0.173743	-5.75562	0.110149	0.262024	-3.81645	0.122848	0.276401	-3.61793	0.545766	0.624824	-1.60045	0.0333722	0.14771	-6.77003	0.0944252	0.243127	-4.11308	0.00616211	0.0640336	-15.6168	0.0121026	0.0901562	-11.0919	0.11623	0.268996	-3.71753	3.45374	32.364	8.32954	1
cg03745414	SIRPG;SIRPG;SIRPG	0.000482638	4.56E-05	0.393048	-2.54422	0.0769926	0.787989	-1.26905	0.00276689	0.606455	-1.64893	0.957917	1.00641	1.00641	0.00422111	0.628647	-1.59072	0.235926	0.860282	-1.16241	0.00161404	1.72944	1.72944	0.631183	0.943077	-1.06036	0.00962389	0.67227	-1.4875	14.4313	3.35563	0.206689	1
cg10131232	SIRPG;SIRPG;SIRPG	0.00683626	0.000408164	0.0519775	-19.2391	0.00300328	0.117328	-8.52314	0.114204	0.404624	-2.47143	0.329719	0.588799	-1.69837	0.00505107	0.14193	-7.0457	0.367694	0.61431	-1.62784	0.134725	0.427768	-2.33771	0.0655757	0.336819	-2.96895	0.0194472	0.225903	-4.42668	6.66408	29.2667	3.90375	1
cg13408605	SIRPG;SIRPG;SIRPG	0.0127569	0.0209305	0.134657	-7.42627	0.0230107	0.140583	-7.11323	0.0603873	0.216931	-4.60977	0.291641	0.454046	-2.20242	0.0104419	0.0976506	-10.2406	0.0646756	0.223714	-4.46999	0.00145938	0.036269	-27.5717	0.00759041	0.0839376	-11.9136	0.0256557	0.147687	-6.77109	5.46371	45.0563	7.3302	1
cg15722679	SIRPG;SIRPG;SIRPG;SIRPG;SIRPG;SIRPG	0.000420173	4.28E-05	0.0413958	-24.157	0.0184026	0.309969	-3.22613	0.0020189	0.168015	-5.95184	0.000430852	0.102194	-9.78532	0.000737243	0.122483	-8.16442	0.0130268	0.283184	-3.53128	0.00292044	0.187382	-5.33669	0.000741931	0.122738	-8.14744	0.00658011	0.235696	-4.24276	14.9953	39.8316	2.36113	1
cg25513531	SIRT1;SIRT1	0.000534326	0.00132251	1.44776	1.44776	0.00179433	0.703353	-1.42176	0.50494	1.05506	1.05506	0.0149017	1.2677	1.2677	0.0259861	1.23286	1.23286	0.00079215	0.669242	-1.49423	0.20399	1.11204	1.11204	0.00088933	1.48341	1.48341	0.459082	1.06154	1.06154	14.0295	1.39429	0.0883406	1
cg26075202	SIRT1;SIRT1	0.0120112	0.00178847	0.257562	-3.88255	0.52175	0.820225	-1.21918	0.145734	1.61074	1.61074	0.429721	1.27891	1.27891	0.0571091	1.92886	1.92886	0.777021	1.09052	1.09052	0.00983256	0.369387	-2.70719	0.724427	0.897602	-1.11408	0.077413	1.8205	1.8205	5.57181	8.21946	1.31128	1
cg19980381	SIRT1;SIRT1	0.0140966	0.253712	0.841681	-1.1881	0.477298	1.11013	1.11013	0.00241591	1.8421	1.8421	0.0921303	1.30745	1.30745	0.01752	0.65832	-1.51902	0.551983	0.916669	-1.09091	0.0315464	0.694481	-1.43992	0.173766	0.81119	-1.23276	0.930938	1.01261	1.01261	5.28792	1.75105	0.294348	1
cg10705386	SIRT1;SIRT1	0.0467856	0.619381	0.856904	-1.16699	0.772187	1.09366	1.09366	0.126059	1.66608	1.66608	0.361823	1.33519	1.33519	0.00360778	0.29668	-3.37064	0.731638	1.11201	1.11201	0.0359136	0.471097	-2.12271	0.294885	1.39797	1.39797	0.871233	1.0513	1.0513	3.47439	5.23351	1.33894	1
cg01128800	SIRT1;SIRT1;SIRT1	0.00398482	0.461058	0.895049	-1.11726	0.00415167	0.566812	-1.76425	0.627096	1.07502	1.07502	0.0925862	0.760733	-1.31452	0.0226684	1.4965	1.4965	0.962319	0.993044	-1.007	0.000209974	0.400119	-2.49926	0.846	0.971678	-1.02915	0.241692	0.83438	-1.1985	7.86149	2.71816	0.307339	1
cg07375277	SIRT2;NFKBIB;SIRT2;NFKBIB	1.71E-07	3.46E-07	0.68894	-1.4515	1.43E-07	2.45779	2.45779	1.39E-07	0.394715	-2.53347	1.44E-07	2.44318	2.44318	?	?	?	?	?	?	1.29E-07	2.70562	2.70562	2.22E-07	0.559087	-1.78863	3.69E-07	1.41751	1.41751	2.03E+13	8.08745	5.68E-14	1
cg22546859	SIRT2;NFKBIB;SIRT2;NFKBIB	7.41E-05	0.00628369	0.701806	-1.42489	1.17E-05	2.51787	2.51787	0.0185848	1.32826	1.32826	0.756101	1.03148	1.03148	0.010635	1.37644	1.37644	0.932087	0.991558	-1.00851	0.000589261	0.589739	-1.69567	0.1428	0.854983	-1.16961	0.000156542	1.90338	1.90338	23.9805	3.7578	0.139291	1
cg22814247	SIRT2;NFKBIB;SIRT2;NFKBIB	0.00100312	0.388175	0.893931	-1.11865	0.000427548	2.02772	2.02772	0.00120313	1.82457	1.82457	0.00212719	0.57849	-1.72864	0.075517	1.2851	1.2851	0.831374	0.973328	-1.0274	0.0575841	0.761673	-1.3129	0.0374126	1.35825	1.35825	0.0225153	1.41403	1.41403	11.7561	2.99261	0.226273	1
cg04614655	SIRT2;NFKBIB;SIRT2;NFKBIB	0.00574836	0.543057	1.0823	1.0823	0.213024	1.1835	1.1835	0.260555	1.16271	1.16271	0.361109	0.886383	-1.12818	0.152289	0.821197	-1.21773	0.00765812	0.643808	-1.55326	0.000316491	0.472602	-2.11595	0.177703	1.20203	1.20203	0.317159	1.14207	1.14207	7.03142	1.83789	0.23234	1
cg14074741	SIRT2;SIRT2;NFKBIB;NFKBIB	8.54E-05	1.65E-05	0.173423	-5.76625	0.000572971	2.86979	2.86979	0.0123937	1.85054	1.85054	0.0770392	1.47512	1.47512	0.00212177	0.425715	-2.34899	0.163348	0.745162	-1.34199	0.000380273	0.325561	-3.07162	0.0553653	1.53635	1.53635	0.165785	0.746591	-1.33942	23.0957	14.3	0.550369	1
cg16738915	SIRT2;SIRT2;NFKBIB;NFKBIB	0.0141101	0.590593	0.839575	-1.19108	0.383911	0.75017	-1.33303	0.864388	1.05658	1.05658	0.026892	0.430018	-2.32548	0.0116782	0.362543	-2.75829	0.000837313	0.198268	-5.04368	0.700289	1.13262	1.13262	0.0130368	0.370933	-2.6959	0.697916	0.881986	-1.1338	5.28626	8.67892	1.45937	1
cg14936213	SIRT2;SIRT2;NFKBIB;NFKBIB;NFKBIB;NFKBIB	0.00345917	0.0227948	1.38019	1.38019	0.00135519	1.73355	1.73355	0.290898	1.13838	1.13838	0.540048	0.92927	-1.07611	0.240606	1.15636	1.15636	0.212561	0.856196	-1.16796	0.0017151	0.589036	-1.69769	0.370746	1.11481	1.11481	0.00956169	1.47409	1.47409	8.20255	1.81662	0.196862	1
cg23374376	SIRT2;SIRT2;NFKBIB;SIRT2;NFKBIB;SIRT2	0.00304524	0.972506	1.00686	1.00686	0.863702	0.966483	-1.03468	0.495873	0.871797	-1.14706	0.934575	1.01642	1.01642	0.305916	1.23409	1.23409	0.198443	1.30952	1.30952	3.98E-05	0.210487	-4.75089	0.656725	1.09281	1.09281	0.390801	1.19061	1.19061	8.52018	5.31253	0.554243	1
cg15581429	SIRT2;SIRT2;RINL	0.0238883	0.08462	0.762518	-1.31144	0.287497	1.16998	1.16998	0.0484938	0.725848	-1.3777	0.598043	0.927161	-1.07856	0.159508	1.23824	1.23824	0.625317	1.07246	1.07246	0.00572511	1.67356	1.67356	0.0179952	1.50467	1.50467	0.470026	0.900798	-1.11013	4.42654	1.41662	0.284469	1
cg12431401	SIRT2;SIRT2;RINL	0.0416946	0.0340029	0.628835	-1.59024	0.0148104	1.75426	1.75426	0.773328	0.947305	-1.05563	0.142678	0.744266	-1.34361	0.526934	0.88677	-1.12769	0.142358	0.744064	-1.34397	0.986947	1.00307	1.00307	0.0262411	1.63922	1.63922	0.76433	1.05798	1.05798	3.62712	2.01854	0.494678	1
cg14821322	SIRT3;SIRT3	0.00614065	0.0756511	0.499444	-2.00223	0.0167056	0.35854	-2.78909	0.00551022	0.277769	-3.60011	0.10516	0.537071	-1.86195	0.000435965	0.142004	-7.04203	0.00537552	0.276136	-3.6214	0.0785947	0.503643	-1.98553	0.0321774	0.414403	-2.41311	0.0110441	0.326573	-3.0621	6.88966	13.4504	1.73534	1
cg25712695	SIRT4	4.14E-05	0.568543	0.884885	-1.13009	0.943456	0.98506	-1.01517	0.000776903	0.339883	-2.94219	0.000777506	0.339928	-2.9418	5.68E-06	0.114149	-8.7605	0.606324	0.895556	-1.11663	4.45E-06	0.106263	-9.41058	0.40586	1.19777	1.19777	0.48729	0.86091	-1.16156	27.9799	19.9557	0.633971	1
cg01448711	SIRT4	0.000180777	0.00144683	0.525345	-1.90351	0.121433	1.26467	1.26467	0.00402498	1.71657	1.71657	0.561172	1.08564	1.08564	5.50E-06	0.237812	-4.205	0.195676	0.82583	-1.2109	0.150788	0.806272	-1.24028	0.978149	1.00384	1.00384	0.0419132	0.720453	-1.38802	18.881	5.8478	0.275306	1
cg17406204	SIRT4	0.00382585	0.00300999	0.262438	-3.81042	0.0226526	0.40761	-2.45333	0.0261957	0.420025	-2.38081	0.018237	0.389659	-2.56635	0.000806223	0.189619	-5.27372	0.0828421	0.531711	-1.88072	0.000683115	0.181515	-5.5092	0.260581	0.679836	-1.47094	0.0118924	0.356111	-2.80812	7.95843	13.6328	1.52267	1
cg02485558	SIRT4	0.0186933	0.409373	1.14783	1.14783	0.309054	1.1877	1.1877	0.495764	0.893137	-1.11965	0.318215	0.844868	-1.18362	0.107309	0.750348	-1.33271	0.140797	0.77193	-1.29545	0.000967952	0.448176	-2.23127	0.0467444	1.4507	1.4507	0.797976	1.0428	1.0428	4.81345	2.03546	0.375883	1
cg12078157	SIRT5	0.0118828	0.00311933	0.194493	-5.14156	0.116306	0.500939	-1.99625	0.154221	0.539135	-1.85482	0.102899	0.485426	-2.06005	0.0168525	0.30694	-3.25796	0.219135	0.592468	-1.68786	0.00377015	0.20526	-4.87187	0.0628357	2.33453	2.33453	0.0648963	0.43185	-2.31562	5.59126	14.5286	2.30973	1
cg02206980	SIRT5;SIRT5	0.0106136	0.439702	0.783973	-1.27555	0.00612912	3.01797	3.01797	0.525484	1.21981	1.21981	0.0015867	4.05595	4.05595	0.713441	0.892336	-1.12065	0.00303312	3.50626	3.50626	0.695402	0.885571	-1.12922	0.268776	1.4272	1.4272	0.89892	0.961512	-1.04003	5.79886	8.75977	1.34276	1
cg13663667	SIRT6	0.0120366	0.712705	1.04751	1.04751	0.0322739	1.36983	1.36983	0.806808	1.03123	1.03123	0.0135654	0.68154	-1.46726	0.0232386	1.40563	1.40563	0.0704579	1.28887	1.28887	0.00200117	1.72888	1.72888	0.782603	0.965879	-1.03533	0.200199	1.18512	1.18512	5.56799	1.38922	0.221779	1
cg19489188	SIRT6;ANKRD24	0.000496706	0.000388992	0.165646	-6.03697	0.0195581	0.407859	-2.45183	0.00315648	0.277416	-3.6047	0.819533	1.07534	1.07534	0.000253156	0.147043	-6.80074	0.286763	1.42135	1.42135	0.000570263	0.183409	-5.4523	0.00100392	0.21179	-4.72166	0.00207526	0.252079	-3.96701	14.3168	22.9092	1.42237	1
cg02721952	SIRT6;ANKRD24	0.00576744	0.000907769	0.324829	-3.07855	0.00324702	0.402672	-2.48341	0.0576046	0.614731	-1.62673	0.566188	0.876856	-1.14044	0.00536039	0.435594	-2.29572	0.00767081	0.459998	-2.17392	0.598809	0.886646	-1.12785	0.13959	0.697493	-1.43371	0.256479	1.30788	1.30788	7.02425	5.71305	0.722962	1
cg24224658	SIRT6;ANKRD24	0.00906143	0.0409668	0.728426	-1.37282	0.320085	0.871084	-1.148	0.32638	1.14582	1.14582	0.0023601	0.565629	-1.76794	0.114812	0.794245	-1.25906	0.278618	0.859563	-1.16338	0.000747292	0.502928	-1.98836	0.0899352	0.777954	-1.28542	0.459986	1.10634	1.10634	6.09919	1.74317	0.254048	1
cg02518671	SIRT6;ANKRD24	0.0143678	0.0939014	1.299	1.299	0.0156311	1.52336	1.52336	0.0404501	1.39949	1.39949	0.0320978	1.42839	1.42839	0.0670654	1.33842	1.33842	0.647246	1.06762	1.06762	0.00428447	0.581242	-1.72045	0.943528	1.01011	1.01011	0.145532	1.2485	1.2485	5.25485	1.67851	0.28393	1
cg09936839	SIRT6;ANKRD24	0.0150071	0.0196579	0.185222	-5.39892	0.0611495	0.282961	-3.53405	0.0877342	0.3238	-3.08832	0.412053	1.65171	1.65171	0.00634969	0.119349	-8.37879	0.867475	0.904908	-1.10508	0.00377789	0.0965067	-10.362	0.00960292	0.140625	-7.11112	0.0797176	0.312377	-3.20126	5.17989	29.3677	5.03961	1
cg15034464	SIRT6;SIRT6;ANKRD24	0.0275564	0.0626222	0.685903	-1.45793	0.267805	1.23086	1.23086	0.0722432	1.43477	1.43477	0.00326587	0.485992	-2.05765	0.444519	0.869133	-1.15057	0.0612648	0.684223	-1.46151	0.783187	0.951577	-1.05089	0.1496	0.757291	-1.3205	0.307003	1.2096	1.2096	4.21139	2.15969	0.455841	1
cg06831842	SIRT7	0.00180398	0.0010082	0.274801	-3.639	0.357879	0.778586	-1.28438	0.00901141	2.40826	2.40826	0.0002239	0.196791	-5.08152	0.141789	1.51914	1.51914	0.11846	0.638486	-1.5662	0.129272	0.64799	-1.54323	0.167624	0.677516	-1.47598	0.255078	0.730132	-1.36961	9.93542	11.0255	0.986411	1
cg12710567	SIRT7	0.00937937	0.108641	1.92021	1.92021	0.0300271	2.58975	2.58975	0.00858403	3.48986	3.48986	0.00399601	0.236347	-4.23106	0.325515	1.4601	1.4601	0.0385616	0.409235	-2.44359	0.249754	1.5659	1.5659	0.202184	1.6521	1.6521	0.145004	1.7924	1.7924	6.03269	13.2813	1.95693	1
cg20182985	SIRT7	0.0204279	0.658886	0.917726	-1.08965	0.0423347	0.636412	-1.57131	0.126934	0.726854	-1.37579	0.899739	1.02466	1.02466	0.511697	1.13726	1.13726	0.000443899	0.342507	-2.91965	0.833898	1.04142	1.04142	0.14564	0.739388	-1.35247	0.559589	0.892239	-1.12078	4.67081	2.7628	0.52578	1
cg21770145	SIRT7;PCYT2	0.0142867	0.226406	0.832861	-1.20068	0.0616833	1.35397	1.35397	0.936768	1.01149	1.01149	0.0242448	1.47222	1.47222	0.00177057	0.526734	-1.89849	0.0342603	1.42711	1.42711	0.470207	0.899621	-1.11158	0.678168	0.941684	-1.06193	0.651303	1.0677	1.0677	5.26466	1.72871	0.291878	1
cg15518883	SIT1	0.00894856	0.108085	0.79573	-1.25671	0.656592	1.06006	1.06006	0.538709	1.08451	1.08451	0.0032381	0.592498	-1.68777	0.399709	0.893723	-1.11891	0.576339	1.07634	1.07634	0.0179003	1.45505	1.45505	0.00262098	0.581003	-1.72116	0.0760995	0.773182	-1.29336	6.1235	1.64738	0.239135	1
cg26953093	SIVA1;SIVA1	1.33E-06	?	?	?	1.36E-07	8.46352	8.46352	1.75E-06	4.63647	4.63647	0.000146371	2.31472	2.31472	0.164426	1.20991	1.20991	0.00980269	1.52108	1.52108	0.0709174	1.29587	1.29587	6.13E-07	5.80535	5.80535	0.00479568	1.6174	1.6174	69.9728	16.2539	0.232289	1
cg09315921	SIVA1;SIVA1	0.00173915	0.0023433	0.333514	-2.99837	0.23132	0.722802	-1.38351	0.774877	1.07696	1.07696	0.000294303	0.217642	-4.5947	0.0466053	0.554786	-1.8025	0.0882827	0.614908	-1.62626	0.0122923	2.23941	2.23941	0.0482258	1.79263	1.79263	0.157388	1.47835	1.47835	10.0414	10.6314	0.941123	1
cg14043411	SIVA1;SIVA1	0.0253135	0.896192	0.982449	-1.01786	0.587832	0.928461	-1.07705	0.371203	1.13264	1.13264	0.327026	0.871752	-1.14712	0.0805219	1.30075	1.30075	0.183425	1.21101	1.21101	0.00115303	0.523178	-1.91139	0.722415	1.04957	1.04957	0.168775	1.22006	1.22006	4.33838	1.26424	0.25903	1
cg08568075	SIVA1;SIVA1	0.0275497	0.0750389	1.22369	1.22369	0.0440379	1.26568	1.26568	0.0478532	1.25905	1.25905	0.996857	0.999599	-1.0004	0.968224	0.995952	-1.00406	0.122571	1.18575	1.18575	0.0125794	0.729069	-1.37161	0.0198856	1.3314	1.3314	0.164453	1.16304	1.16304	4.21174	0.691614	0.145965	1
cg10157936	SIVA1;SIVA1	0.0278533	0.132637	0.727734	-1.37413	0.901473	0.976033	-1.02456	0.0179051	0.569161	-1.75697	0.627862	1.1004	1.1004	0.00160149	0.412034	-2.42699	0.0451914	0.637583	-1.56842	0.124189	0.721748	-1.38552	0.287805	0.805608	-1.2413	0.0455556	0.638206	-1.56689	4.19554	2.54918	0.540083	1
cg11869186	SIVA1;SIVA1	0.0499748	0.28655	0.814453	-1.22782	0.443711	1.15583	1.15583	0.624916	0.912674	-1.09568	0.00351785	2.08333	2.08333	0.441074	0.864424	-1.15684	0.170246	0.762715	-1.31111	0.773443	1.05499	1.05499	0.846275	1.03665	1.03665	0.0461607	0.654623	-1.5276	3.38878	1.84586	0.484174	1
cg23008646	SIX1	3.73E-05	3.80E-07	0.0789188	-12.6712	0.27163	1.22083	1.22083	0.0654772	0.697347	-1.43401	0.842511	1.03529	1.03529	0.0674664	0.699617	-1.42935	0.130074	0.751942	-1.32989	0.143069	0.76002	-1.31575	0.0223587	1.61158	1.61158	0.0195069	0.611264	-1.63595	28.7676	13.8504	0.427962	1
cg19715557	SIX1	3.84E-05	0.765855	1.045	1.045	0.271955	0.844885	-1.18359	0.966265	1.00625	1.00625	0.907904	1.0172	1.0172	0.00072418	2.1337	2.1337	0.0475463	1.39661	1.39661	0.000835986	0.476652	-2.09797	8.72E-07	6.8748	6.8748	0.981762	0.996636	-1.00337	28.5492	9.82343	0.305856	1
cg01917416	SIX1	0.000957204	0.238085	0.832371	-1.20139	0.649863	1.07021	1.07021	0.378529	1.14355	1.14355	0.855164	0.973236	-1.0275	0.156336	0.798411	-1.25249	0.0348306	0.694062	-1.44079	1.23E-05	0.254355	-3.93152	0.824275	1.03357	1.03357	0.173478	1.23989	1.23989	11.9133	4.15912	0.310326	1
cg24757937	SIX1	0.00108172	0.344444	0.778978	-1.28373	0.0371323	0.537585	-1.86017	0.932738	1.02189	1.02189	0.109491	1.5645	1.5645	0.087492	0.616412	-1.62229	0.0162738	0.470668	-2.12464	3.23E-05	0.12575	-7.95231	0.0420694	1.82352	1.82352	0.0282188	0.514498	-1.94364	11.507	11.989	0.926121	1
cg02110182	SIX1	0.00109811	0.336296	0.651847	-1.5341	0.902808	1.05415	1.05415	0.365569	1.49374	1.49374	0.000163419	0.0623072	-16.0495	0.276238	0.613316	-1.63048	6.24E-05	0.0414058	-24.1512	0.351887	0.661308	-1.51215	0.696913	1.18407	1.18407	0.81506	1.10643	1.10643	11.4579	33.8114	2.62305	1
cg19874726	SIX1	0.00136898	0.0309421	2.38801	2.38801	0.0163406	0.364726	-2.74178	0.00297003	4.0585	4.0585	0.0951264	0.532553	-1.87775	0.0133932	2.86436	2.86436	0.178594	0.612011	-1.63396	0.0542467	0.472114	-2.11813	0.000342	7.25289	7.25289	0.867413	0.944209	-1.05909	10.7585	20.1143	1.66188	1
cg02029441	SIX1	0.00185355	0.000547401	2.78869	2.78869	0.0526972	0.656611	-1.52297	0.714086	0.932131	-1.07281	0.40766	1.17559	1.17559	0.203712	1.29205	1.29205	0.633142	1.0962	1.0962	0.0111947	0.544914	-1.83515	0.000399517	2.93291	2.93291	0.92589	0.982387	-1.01793	9.85755	5.69541	0.513575	1
cg05296818	SIX1	0.0101888	0.0262485	2.23276	2.23276	0.721259	0.896595	-1.11533	0.721225	1.11535	1.11535	0.604982	1.17232	1.17232	0.0851329	0.55991	-1.786	0.917441	0.968902	-1.0321	0.0316976	0.464254	-2.15399	0.000666771	4.88833	4.88833	0.232706	1.46417	1.46417	5.87535	8.63811	1.30687	1
cg13237033	SIX1	0.0175779	0.701282	0.930085	-1.07517	0.0428572	1.55007	1.55007	0.213754	1.27913	1.27913	0.00214441	0.444524	-2.2496	0.439359	1.15987	1.15987	0.352334	1.19719	1.19719	0.0200196	0.589898	-1.69521	0.177544	1.30927	1.30927	0.757222	0.943357	-1.06004	4.91414	2.75224	0.497836	1
cg02162886	SIX1	0.0226859	0.686579	1.24024	1.24024	0.158904	2.22375	2.22375	0.210672	2.01386	2.01386	0.0714038	0.343455	-2.91159	?	?	?	0.663391	1.26167	1.26167	0.255483	0.532541	-1.87779	0.00142046	11.5944	11.5944	0.359618	0.606575	-1.6486	4.5862	18.1889	3.96601	1
cg16240781	SIX2	2.96E-05	0.612629	0.903512	-1.10679	3.34E-06	0.112995	-8.84995	0.000502119	0.339164	-2.94843	0.0867646	0.686659	-1.45633	0.128322	1.38635	1.38635	1.66E-05	0.172206	-5.807	2.38E-05	0.18722	-5.34131	0.0773623	0.676931	-1.47726	0.230684	0.778898	-1.28386	30.5613	19.1146	0.555957	1
cg09019410	SIX2	4.93E-05	0.0464804	1.78908	1.78908	0.080011	0.609274	-1.6413	0.00301018	0.354307	-2.82241	0.000181326	0.198752	-5.0314	0.140696	1.49815	1.49815	3.26E-05	0.127563	-7.83929	4.26E-06	0.0665255	-15.0318	0.015617	0.469447	-2.13017	0.696759	0.904929	-1.10506	26.7226	27.5395	0.916062	1
cg04364219	SIX2	6.46E-05	0.613016	0.895469	-1.11673	1.00E-05	0.128445	-7.78545	0.00123414	0.35966	-2.7804	0.0143482	0.520236	-1.9222	0.902964	1.02676	1.02676	1.70E-05	0.147965	-6.75834	3.55E-05	0.177744	-5.62608	0.107992	0.684106	-1.46176	0.0716446	0.646992	-1.54561	24.876	18.4629	0.659733	1
cg06819718	SIX2	8.67E-05	0.595628	0.870095	-1.1493	6.42E-05	0.14824	-6.74583	0.00484631	0.378851	-2.63956	0.000148974	0.183933	-5.43675	0.793805	0.934211	-1.07042	3.22E-05	0.1223	-8.1766	2.81E-05	0.117493	-8.51118	0.814495	1.06297	1.06297	0.287249	0.750456	-1.33252	22.9979	24.585	0.950231	1
cg23413809	SIX2	0.00029255	0.0432211	2.26306	2.26306	0.0319161	0.413555	-2.41806	0.0197541	0.372067	-2.68769	0.0308363	0.410449	-2.43636	0.207561	1.59476	1.59476	0.000125712	0.0957974	-10.4387	4.05E-05	0.0638152	-15.6702	0.0282189	2.48423	2.48423	0.971799	0.987662	-1.01249	16.5637	32.3558	1.73637	1
cg26391832	SIX2	0.000524971	0.0817771	0.476463	-2.0988	0.0192126	0.336606	-2.97083	0.671433	1.17822	1.17822	0.00447388	0.232911	-4.29348	0.451757	0.744765	-1.34271	0.00489204	0.238463	-4.19352	1.25E-05	0.0291586	-34.2951	0.00160643	0.175676	-5.6923	0.0127427	0.304338	-3.28582	14.0985	32.9897	2.07995	1
cg05847586	SIX2	0.000653755	0.745295	1.07198	1.07198	0.000333653	0.291047	-3.43587	0.202864	0.750769	-1.33197	0.00225068	0.401787	-2.48888	0.128986	1.41882	1.41882	0.000167967	0.255194	-3.91858	0.000584891	0.321953	-3.10604	0.699881	1.0861	1.0861	0.617967	0.898332	-1.11317	13.2623	9.5506	0.640119	1
cg07834682	SIX2	0.00129091	0.0433988	2.02305	2.02305	0.00594479	2.97753	2.97753	0.643266	0.868086	-1.15196	0.679913	0.881757	-1.1341	0.00753872	2.83736	2.83736	0.00260225	0.282161	-3.54407	0.000646959	0.204502	-4.88993	0.210557	0.670206	-1.49208	0.033313	2.12654	2.12654	10.941	15.9424	1.29522	1
cg02893453	SIX2	0.00239289	0.033747	1.86609	1.86609	0.0240812	1.96783	1.96783	0.074619	0.60671	-1.64823	0.0313738	0.529786	-1.88756	0.11749	1.53386	1.53386	0.075782	0.608186	-1.64423	0.00132538	0.308855	-3.23776	0.0493541	1.75839	1.75839	0.00665032	2.42573	2.42573	9.14907	9.1735	0.891262	1
cg17272224	SIX2	0.00258541	0.12761	0.750748	-1.332	0.282063	0.823221	-1.21474	0.249935	1.23273	1.23273	0.235264	0.805353	-1.24169	0.757873	0.947612	-1.05528	0.00199265	0.467851	-2.13743	0.000191903	0.335162	-2.98363	0.00119884	0.437839	-2.28394	0.465146	0.87866	-1.1381	8.94311	4.28928	0.426327	1
cg03646261	SIX2	0.00260178	0.685547	1.10282	1.10282	0.000504919	0.270605	-3.69542	0.823035	0.947569	-1.05533	0.0153225	0.488863	-2.04556	0.262991	1.3239	1.3239	0.00621947	0.424196	-2.3574	0.000967464	0.306969	-3.25766	0.185398	1.40165	1.40165	0.899738	1.03077	1.03077	8.92649	8.17253	0.813811	1
cg24887265	SIX2	0.00699814	0.0443842	5.93206	5.93206	0.156889	3.21362	3.21362	0.371394	0.492793	-2.02925	0.113087	0.26457	-3.77972	0.170428	3.08222	3.08222	0.00262109	0.0402611	-24.8379	0.00692306	0.0675589	-14.8019	0.228157	2.65197	2.65197	0.0391101	6.30265	6.30265	6.61567	62.2912	8.36952	1
cg00366850	SIX2	0.0155546	0.0121216	10.9491	10.9491	0.00722359	14.1969	14.1969	0.389673	1.96329	1.96329	0.372783	2.01427	2.01427	0.0691389	4.74132	4.74132	0.297261	0.437361	-2.28644	0.532373	0.61631	-1.62256	0.019401	8.69899	8.69899	0.00393463	19.4744	19.4744	5.11877	47.4824	8.24545	1
cg09526912	SIX2	0.0160391	0.10807	0.84393	-1.18493	0.00364416	0.683417	-1.46324	0.0329159	0.785475	-1.27311	0.0836077	1.20361	1.20361	0.522531	0.939202	-1.06473	0.586686	1.05456	1.05456	0.156287	0.863487	-1.15809	0.160843	1.156	1.156	0.0385953	1.26097	1.26097	5.06688	0.751675	0.131867	1
cg11358114	SIX2	0.0174719	0.0896495	2.07198	2.07198	0.127572	1.89929	1.89929	0.84617	1.07856	1.07856	0.708941	0.864166	-1.15718	0.0528184	2.35595	2.35595	0.00153413	0.169483	-5.90028	0.144961	0.543642	-1.83944	0.108538	1.97694	1.97694	0.967179	0.984108	-1.01615	4.92412	11.8218	2.13403	1
cg25104437	SIX3	3.18E-05	0.615797	0.904739	-1.10529	0.00139258	0.399932	-2.50043	0.000727762	0.36185	-2.76357	1.85E-05	0.177901	-5.6211	0.633227	1.09979	1.09979	4.21E-05	0.213929	-4.67445	3.84E-06	0.118684	-8.42572	0.000258328	0.304303	-3.2862	0.0618438	0.659619	-1.51603	30.0059	18.6041	0.551124	1
cg10832938	SIX3	5.12E-05	0.0218177	0.569801	-1.755	0.00643641	0.484731	-2.063	0.000177529	0.272989	-3.66315	0.000236513	0.287974	-3.47254	0.00279076	0.430758	-2.32149	6.57E-05	0.223908	-4.46611	4.62E-06	0.116718	-8.56763	0.000228904	0.286248	-3.49347	0.000133809	0.258571	-3.86741	26.4614	17.5008	0.587884	1
cg14673618	SIX3	0.000121361	0.486324	0.801632	-1.24746	0.0747009	0.537637	-1.85999	0.000995591	0.21688	-4.61085	0.000315728	0.161328	-6.19854	0.0456629	0.488583	-2.04674	0.000148275	0.13022	-7.67928	6.80E-06	0.0441191	-22.6659	0.00198624	0.255339	-3.91636	0.000552636	0.187131	-5.34386	21.0213	32.5295	1.37551	1
cg23245620	SIX3	0.000147468	0.914807	1.04544	1.04544	0.28353	0.629597	-1.58832	0.000369334	0.0937404	-10.6678	0.00029635	0.0865909	-11.5486	0.815859	1.10171	1.10171	4.85E-05	0.041862	-23.888	1.93E-05	0.0272481	-36.6998	0.0226409	0.321972	-3.10586	0.0444604	0.383507	-2.60751	19.9482	54.4787	2.42756	1
cg02120584	SIX3	0.000444475	0.653058	1.10046	1.10046	0.000302888	0.288705	-3.46375	0.00393372	0.440093	-2.27225	0.000927275	0.351277	-2.84676	0.0170512	0.540484	-1.85019	0.000823208	0.344363	-2.90391	9.55E-05	0.230051	-4.34687	0.622485	1.11069	1.11069	0.00469947	0.45167	-2.214	14.7641	10.4648	0.630045	1
cg13975344	SIX3	0.00117464	0.0491122	0.378843	-2.63962	0.00250411	0.162917	-6.13811	0.0362889	0.349283	-2.86301	0.00405873	0.188781	-5.29714	0.0169448	0.284067	-3.52029	0.00195377	0.150696	-6.63587	0.000107365	0.0522356	-19.144	0.00134092	0.133461	-7.49282	0.00321055	0.175872	-5.68596	11.2401	33.2416	2.62882	1
cg04797742	SIX3	0.0014313	0.512027	0.79966	-1.25053	0.011745	0.347089	-2.88111	0.00447491	0.279609	-3.57642	0.00258398	0.245595	-4.07175	0.538829	1.23268	1.23268	0.000145168	0.110893	-9.0177	0.117442	1.77121	1.77121	0.0103324	0.337511	-2.96287	0.0114421	0.34512	-2.89755	10.6218	19.013	1.5911	1
cg03717442	SIX3	0.00649354	0.151825	1.8478	1.8478	0.183837	0.569024	-1.75739	0.0962603	0.481735	-2.07583	0.00397266	0.212508	-4.7057	0.0724463	0.448623	-2.22904	0.00347874	0.204781	-4.88326	0.00180818	0.169624	-5.8954	0.889764	1.05702	1.05702	0.0140722	0.297562	-3.36064	6.77146	17.1503	2.25132	1
cg06622151	SIX3	0.0128885	0.396532	0.635355	-1.57392	0.00174959	0.0972455	-10.2833	0.00474094	0.140913	-7.09659	0.996733	0.997864	-1.00214	0.126162	0.421276	-2.37374	0.113547	0.406749	-2.45852	0.0752738	0.355337	-2.81423	0.0489126	3.23744	3.23744	0.132607	0.428365	-2.33446	5.44545	23.5382	3.84227	1
cg05740609	SIX3	0.0200862	0.326543	1.18919	1.18919	0.131341	0.7568	-1.32135	0.401074	0.863269	-1.15839	0.0579267	0.693012	-1.44298	0.132096	1.32052	1.32052	0.129943	1.32291	1.32291	0.0702047	0.707339	-1.41375	0.00903607	1.76419	1.76419	0.0256996	1.57342	1.57342	4.69769	2.17723	0.411972	1
cg08696165	SIX3	0.0217515	0.0204857	11.6187	11.6187	0.124663	0.232191	-4.3068	0.612025	0.638097	-1.56716	0.00244546	0.0246402	-40.5841	0.431667	0.494137	-2.02373	0.082875	0.185102	-5.40243	0.102647	0.208325	-4.80019	0.829828	1.20811	1.20811	0.0706663	0.169602	-5.89616	4.57171	55.8652	10.862	1
cg16509777	SIX3	0.0220856	0.0202751	3.15647	3.15647	0.585343	0.797499	-1.25392	0.764107	1.13157	1.13157	0.0248088	0.333777	-2.99601	0.548909	1.28286	1.28286	0.314286	0.652204	-1.53326	0.00296489	0.187309	-5.33877	0.204519	1.73305	1.73305	0.90033	0.94984	-1.05281	4.54788	12.1497	2.37468	1
cg02372786	SIX3	0.0276646	0.0218131	0.0864993	-11.5608	0.0080997	0.0490474	-20.3884	0.032635	0.108257	-9.2373	0.199105	0.29924	-3.3418	0.0153156	0.0708586	-14.1126	0.0821384	0.180397	-5.54333	0.0172066	0.0756912	-13.2116	0.047947	0.133912	-7.46758	0.0209162	0.0844871	-11.8361	4.20559	52.6649	11.1312	1
cg15801891	SIX4	0.000464823	0.000378142	0.588082	-1.70044	0.489163	1.06787	1.06787	0.00120284	1.55787	1.55787	0.00419691	0.69879	-1.43104	0.0884034	1.19207	1.19207	0.810676	1.02268	1.02268	0.000392482	1.6954	1.6954	0.0686895	0.826599	-1.20978	0.19813	1.13555	1.13555	14.5824	2.01726	0.122965	1
cg18425696	SIX4	0.00153285	0.99641	1.00039	1.00039	0.214324	0.892609	-1.12031	0.680413	1.03665	1.03665	0.74558	1.0287	1.0287	0.425662	0.931749	-1.07325	0.942787	0.993782	-1.00626	1.72E-05	0.465114	-2.15001	0.115498	1.16031	1.16031	0.278844	0.90679	-1.10279	10.4144	1.24554	0.106309	1
cg06820541	SIX4	0.0035474	0.0786123	0.68113	-1.46815	0.000581215	0.351401	-2.84575	0.00018777	0.289741	-3.45136	0.035718	0.618507	-1.6168	0.30782	0.812606	-1.23061	0.982809	0.995773	-1.00424	0.0230524	0.586102	-1.70619	0.405605	0.845979	-1.18206	0.325024	0.818909	-1.22114	8.14095	4.98238	0.544012	1
cg03059018	SIX4	0.00657686	0.124919	0.781693	-1.27927	0.458582	0.894128	-1.11841	0.109736	1.29502	1.29502	0.0306014	0.686137	-1.45743	0.139817	0.790123	-1.26563	0.870175	0.976039	-1.02455	0.000156995	0.383266	-2.60915	0.138416	0.789363	-1.26684	0.608316	1.07966	1.07966	6.74472	2.34851	0.309511	1
cg16491506	SIX4	0.00929185	0.129851	0.660195	-1.5147	0.0121474	2.21048	2.21048	0.00576253	2.50468	2.50468	0.181216	1.43362	1.43362	0.010385	2.26828	2.26828	0.0398317	1.8276	1.8276	0.0439773	0.555772	-1.7993	0.0376722	1.84374	1.84374	0.358728	1.27059	1.27059	6.05072	6.17096	0.906553	1
cg13065475	SIX4	0.0204236	0.0314783	0.582165	-1.71773	0.0018809	0.388614	-2.57324	0.00244661	0.404921	-2.46962	0.0499744	0.619173	-1.61506	0.234216	0.765353	-1.30659	0.20441	0.750366	-1.33268	0.678219	0.914414	-1.0936	0.228659	0.762666	-1.31119	0.164603	0.727631	-1.37432	4.67115	3.40218	0.647412	1
cg11059617	SIX4	0.0216785	0.456244	0.705422	-1.41759	0.00902195	4.86746	4.86746	0.182997	1.92313	1.92313	0.0586598	0.368456	-2.71403	?	?	?	0.188914	0.525176	-1.90412	0.0900231	0.41895	-2.38692	0.0396513	0.32746	-3.05381	0.0867031	2.414	2.414	5.1697	14.9843	2.53618	1
cg26392828	SIX4	0.0226524	0.0678972	1.6284	1.6284	0.00288656	2.65649	2.65649	0.00363754	2.5552	2.5552	0.539399	1.1597	1.1597	0.746785	1.08031	1.08031	0.0867055	1.57014	1.57014	0.268252	0.759597	-1.31649	0.905094	1.02885	1.02885	0.850201	0.955918	-1.04611	4.50844	4.05983	0.80044	1
cg22943762	SIX4	0.0298786	0.00106416	0.142135	-7.03555	0.597102	1.24	1.24	0.732977	0.871011	-1.14809	0.236174	1.64969	1.64969	?	?	?	0.156071	1.84401	1.84401	0.826113	1.09278	1.09278	0.506178	1.31261	1.31261	0.759957	0.883747	-1.13155	4.1616	9.52785	2.28947	1
cg14878471	SIX4	0.0302432	0.0533485	0.466098	-2.14547	0.0698979	0.49415	-2.02368	0.247701	1.52247	1.52247	0.503681	0.789762	-1.2662	0.0289743	0.408435	-2.44837	0.665904	1.1631	1.1631	0.00246597	0.231244	-4.32444	0.104721	0.539711	-1.85284	0.148757	0.583553	-1.71364	4.07513	7.80727	1.70296	1
cg23110540	SIX4	0.0312473	0.109129	1.39336	1.39336	0.926615	1.01765	1.01765	0.0325897	1.60784	1.60784	0.355712	1.19767	1.19767	0.822196	1.04366	1.04366	0.133139	1.3602	1.3602	0.00153844	2.37553	2.37553	0.0129341	1.79645	1.79645	0.173316	1.31666	1.31666	4.02799	2.29986	0.507527	1
cg07643478	SIX5	0.00457743	0.49777	1.1091	1.1091	0.000645938	2.19762	2.19762	0.0842393	0.750243	-1.3329	0.144653	0.790022	-1.26579	0.104461	1.30603	1.30603	0.112383	1.29695	1.29695	0.607045	1.08117	1.08117	0.00500904	1.74827	1.74827	0.00484844	1.75413	1.75413	7.53858	2.70199	0.318598	1
cg27181142	SIX5	0.0178424	0.0170424	5.41136	5.41136	0.00258067	11.3011	11.3011	0.0604304	3.41811	3.41811	0.0717813	3.21195	3.21195	0.877437	0.914311	-1.09372	0.103715	2.80905	2.80905	0.281768	0.522399	-1.91425	0.677819	0.784654	-1.27445	0.0123557	6.0988	6.0988	4.88956	26.0938	4.74368	1
cg00157572	SIX6	9.05E-06	0.470403	0.864043	-1.15735	2.04E-05	5.55071	5.55071	0.00150605	2.48439	2.48439	1.38E-05	6.08764	6.08764	0.52942	1.13518	1.13518	0.644765	0.91175	-1.09679	0.000487064	0.336938	-2.96791	1.21E-06	12.1	12.1	0.0907027	1.44905	1.44905	41.6376	26.1163	0.557536	1
cg19764143	SIX6	9.28E-06	0.0828205	0.819461	-1.22031	0.781059	1.0293	1.0293	0.19928	1.15095	1.15095	8.41E-08	6.24626	6.24626	0.276324	1.12454	1.12454	0.944901	0.992861	-1.00719	0.0616154	0.803939	-1.24387	0.0102719	1.39836	1.39836	0.498031	0.931176	-1.07391	41.3674	7.03984	0.15127	1
cg04666975	SIX6	0.00014103	0.651709	0.941674	-1.06194	0.0215815	1.44041	1.44041	0.00149888	0.545937	-1.83171	0.401254	1.12033	1.12033	0.224524	1.18381	1.18381	0.0222462	0.696001	-1.43678	0.124023	0.802286	-1.24644	4.05E-06	4.11496	4.11496	0.856838	1.02417	1.02417	20.1895	5.59288	0.246239	1
cg20585530	SIX6	0.000287327	0.522229	0.914388	-1.09363	0.846748	1.02706	1.02706	0.60626	0.930768	-1.07438	0.000130625	2.50065	2.50065	0.860989	0.976103	-1.02448	0.11566	0.789786	-1.26617	0.14744	0.806946	-1.23924	1.31E-05	3.53344	3.53344	0.214699	1.19751	1.19751	16.6455	5.02011	0.268079	1
cg07862488	SIX6	0.000459379	0.511639	0.856995	-1.16687	0.918638	0.976589	-1.02397	0.00212152	2.722	2.722	0.143509	1.43969	1.43969	0.905276	0.972778	-1.02798	0.292838	0.776464	-1.28789	0.0215357	0.527273	-1.89655	1.12E-05	8.71993	8.71993	0.818941	1.0546	1.0546	14.63	12.4543	0.756699	1
cg19981568	SIX6	0.000580326	0.381032	0.651126	-1.5358	0.82287	1.113	1.113	0.0155463	4.12458	4.12458	0.163913	0.491973	-2.03263	0.000235699	0.0544497	-18.3656	0.726181	1.18281	1.18281	0.170685	2.00703	2.00703	7.24E-05	31.4938	31.4938	0.146401	2.10526	2.10526	13.7107	49.5146	3.21011	1
cg14511698	SIX6	0.00279148	0.375178	1.17935	1.17935	0.00290793	2.09943	2.09943	0.0092965	1.81863	1.81863	0.0167329	1.69777	1.69777	0.22281	0.792803	-1.26135	0.00619356	0.523635	-1.90973	0.0811308	1.41974	1.41974	0.00160925	2.27005	2.27005	0.142966	1.33021	1.33021	8.74285	4.54852	0.46245	1
cg14611174	SIX6	0.00358059	0.422381	0.87363	-1.14465	0.123272	0.759403	-1.31682	0.0430968	1.46764	1.46764	0.642607	1.08008	1.08008	0.985217	1.00306	1.00306	0.279558	1.2036	1.2036	0.000125328	0.332386	-3.00855	0.0329103	1.50879	1.50879	0.399706	1.15271	1.15271	8.11827	3.4941	0.382577	1
cg13019491	SIX6	0.00444793	0.297594	0.610875	-1.637	0.767154	0.873252	-1.14514	0.606025	0.788623	-1.26803	0.643105	1.23736	1.23736	0.26719	0.590014	-1.69487	0.762504	0.870805	-1.14836	0.192016	0.532402	-1.87828	6.82E-05	27.8009	27.8009	0.49387	1.37317	1.37317	7.60452	25.0915	2.93294	1
cg06830500	SIX6	0.00956907	0.114025	0.496088	-2.01577	0.00093873	7.48181	7.48181	0.133142	1.936	1.936	0.454996	0.733239	-1.36381	0.0623729	0.425148	-2.35212	0.370017	0.68704	-1.45552	0.0303651	0.354233	-2.823	0.0966208	2.10377	2.10377	0.810735	1.10277	1.10277	5.99434	15.7836	2.34052	1
cg19456540	SIX6	0.0106647	0.0396162	3.02268	3.02268	0.635974	1.24812	1.24812	0.00310424	6.55761	6.55761	0.122086	2.17914	2.17914	0.576645	0.769374	-1.29976	0.0651644	2.61803	2.61803	0.76554	0.870213	-1.14914	0.000647534	11.3818	11.3818	0.207082	1.85608	1.85608	5.78992	19.8138	3.04188	1
cg14507337	SIX6	0.0138705	0.563671	0.573813	-1.74273	0.253254	0.321299	-3.11237	0.0105446	21.3628	21.3628	0.0439896	9.04679	9.04679	0.579282	0.586899	-1.70387	0.627362	1.59279	1.59279	0.266433	0.332275	-3.00956	0.00102977	102.277	102.277	0.697539	0.689612	-1.45009	5.3161	76.232	12.7465	1
cg11126767	SIX6	0.0149327	0.0106886	0.353858	-2.82599	0.561519	0.826911	-1.20932	0.22287	0.660546	-1.5139	0.165635	0.619581	-1.61399	0.0625417	0.507328	-1.97111	0.0342457	0.449435	-2.22502	0.0188886	0.398276	-2.51082	0.00691571	3.10105	3.10105	0.172639	0.625058	-1.59985	5.1884	8.61323	1.47564	1
cg18639233	SIX6	0.0162533	0.0203503	0.456699	-2.18963	0.0236002	2.1331	2.1331	0.439562	1.24724	1.24724	0.50963	0.829053	-1.2062	0.498768	1.21222	1.21222	0.0260209	0.476922	-2.09678	0.101789	0.605321	-1.65202	0.0185106	2.22673	2.22673	0.0925318	1.68008	1.68008	5.04455	6.27562	1.10581	1
cg06808498	SIX6	0.0254406	0.0329634	0.62286	-1.6055	0.704472	1.07502	1.07502	0.164878	0.75484	-1.32478	0.413286	1.17207	1.17207	0.0668166	0.677011	-1.47708	0.328815	1.21084	1.21084	0.522987	0.884363	-1.13076	0.00300117	2.16525	2.16525	0.239874	1.26315	1.26315	4.33081	2.47159	0.507288	1
cg20576153	SIX6	0.0413144	0.399947	0.901518	-1.10924	0.12395	1.22197	1.22197	0.0343807	0.743093	-1.34573	0.71951	0.957538	-1.04435	0.329892	1.1286	1.1286	0.447313	0.91102	-1.09767	0.0495026	1.30954	1.30954	0.148192	1.20519	1.20519	0.0103412	1.47503	1.47503	3.63944	0.834499	0.203816	1
cg14186066	SIX6;SIX6	0.00882655	0.0166933	0.725547	-1.37827	0.0165846	1.3789	1.3789	0.0821432	1.23549	1.23549	0.044405	1.28852	1.28852	0.0344467	1.31105	1.31105	0.690111	0.95695	-1.04499	0.552814	1.06815	1.06815	0.0304137	1.32228	1.32228	0.00235934	1.59324	1.59324	6.15021	1.1743	0.169722	1
cg06785999	SIX6;SIX6	0.0356191	0.265412	2.46844	2.46844	0.561861	1.57875	1.57875	0.177339	3.05336	3.05336	0.996293	0.996389	-1.00362	0.539667	0.616662	-1.62163	0.739815	1.29625	1.29625	0.00115516	0.0243012	-41.1502	0.165999	3.1584	3.1584	0.88143	1.12322	1.12322	3.84264	36.8896	8.53339	1
cg12376941	SKA1;SKA1	0.00026692	0.0751236	0.686626	-1.4564	0.00175927	0.429338	-2.32917	0.00251976	0.451243	-2.2161	0.542083	0.889515	-1.12421	5.66E-05	0.242054	-4.13131	0.0964057	1.41383	1.41383	3.75E-05	0.222565	-4.49308	0.591888	0.90243	-1.10812	0.00948886	0.536078	-1.8654	16.9839	9.68075	0.506662	1
cg20857301	SKA1;SKA1	0.000797005	0.256622	1.17347	1.17347	0.925537	1.01271	1.01271	0.161926	0.817292	-1.22355	0.21826	1.19119	1.19119	0.00612921	0.616812	-1.62124	9.38E-05	0.390275	-2.56229	0.000168737	0.421178	-2.37429	0.0611142	0.751934	-1.3299	0.588876	1.0765	1.0765	12.5453	3.62639	0.256945	1
cg13556253	SKA1;SKA1	0.00155464	0.00626325	0.684861	-1.46015	0.0205318	1.34525	1.34525	0.713368	1.03999	1.03999	0.783944	0.971215	-1.02964	0.730882	0.963973	-1.03737	0.804068	1.02677	1.02677	8.19E-05	0.47029	-2.12635	0.479135	0.926393	-1.07946	0.0151961	1.37285	1.37285	10.3721	1.85518	0.158989	1
cg19246089	SKA1;SKA1	0.0121541	0.0057361	0.2487	-4.0209	0.0550388	0.433475	-2.30694	0.63589	0.83255	-1.20113	0.707537	1.15583	1.15583	0.00315517	0.212208	-4.71235	0.230488	0.616693	-1.62155	0.00357775	0.219538	-4.55502	0.848517	1.07625	1.07625	0.290165	1.52476	1.52476	5.55046	12.9796	2.07864	1
cg13408957	SKA1;SKA1	0.0449358	0.977753	0.994191	-1.00584	0.0500942	0.627063	-1.59474	0.0111395	0.514393	-1.94404	0.124382	0.706378	-1.41567	0.455584	1.17207	1.17207	0.439895	1.17889	1.17889	0.0349851	1.67082	1.67082	0.116311	0.700091	-1.42839	0.485863	0.86248	-1.15945	3.52741	2.43846	0.614479	1
cg06893537	SKA1;SKA1;SKA1;SKA1	0.00760409	0.312149	0.752541	-1.32883	0.217651	1.42283	1.42283	0.187833	1.46156	1.46156	0.285935	1.35166	1.35166	0.306891	0.750045	-1.33325	0.0031372	0.333518	-2.99834	0.000525039	0.230062	-4.34666	0.377078	0.781568	-1.27948	0.780838	0.926964	-1.07879	6.4461	7.54821	1.04086	1
cg18238491	SKA1;SKA1;SKA1;SKA1	0.00764091	0.00223074	0.432729	-2.31092	0.443731	1.16501	1.16501	0.00053967	0.349056	-2.86487	0.884857	0.972056	-1.02875	0.0709511	0.673953	-1.48378	0.174973	0.754156	-1.32599	0.0265489	0.597951	-1.67238	0.0674456	0.669804	-1.49297	0.937632	1.01542	1.01542	6.43635	3.89968	0.538563	1
cg01964121	SKA2;SKA2;MIR454	0.0201697	0.00306034	0.526577	-1.89906	0.217286	0.814432	-1.22785	0.0837815	0.738896	-1.35337	0.110562	1.31648	1.31648	0.00357851	0.535826	-1.86628	0.244185	0.824756	-1.21248	0.639018	0.928013	-1.07757	0.990286	0.998077	-1.00193	0.125256	0.76921	-1.30004	4.69107	1.85781	0.352027	1
cg10325038	SKA2;SKA2;MIR454	0.0376962	0.788449	1.03374	1.03374	0.180315	0.838999	-1.1919	0.137919	0.8211	-1.21788	0.876798	0.98104	-1.01933	0.00341408	1.63381	1.63381	0.582212	1.07096	1.07096	0.0224913	1.40109	1.40109	0.266791	1.15345	1.15345	0.551181	0.928302	-1.07724	3.76416	0.90759	0.214323	1
cg09972077	SKA2;SKA2;PRR11	0.039547	0.92088	1.01135	1.01135	0.136808	1.19969	1.19969	0.423675	0.911354	-1.09727	0.481588	1.08465	1.08465	0.00417953	0.646648	-1.54644	0.0131137	0.705061	-1.41832	0.110074	0.820501	-1.21877	0.383205	0.903411	-1.10692	0.458791	0.917877	-1.08947	3.69861	0.755886	0.181663	1
cg17989037	SKA2;SKA2;PRR11;SKA2	0.00481808	0.246337	0.784616	-1.27451	0.00109101	2.03827	2.03827	0.729236	0.932839	-1.072	0.0300184	0.600093	-1.66641	0.847834	0.962295	-1.03918	0.927938	1.01826	1.01826	0.000381736	0.321456	-3.11085	0.0180066	0.562715	-1.7771	0.330118	0.817856	-1.22271	7.42201	4.70541	0.563539	1
cg20009496	SKA2;SKA2;PRR11;SKA2	0.00932485	0.0118473	0.661569	-1.51156	0.00109101	0.53068	-1.88438	0.528169	1.08767	1.08767	0.081374	1.2892	1.2892	0.274837	0.861232	-1.16113	0.809103	0.968677	-1.03234	0.906282	1.01561	1.01561	0.180709	1.20549	1.20549	0.0376282	1.37315	1.37315	6.04389	1.655	0.243404	1
cg02707669	SKA3;SKA3;MRP63	0.0127607	0.124211	0.799261	-1.25116	0.0589087	1.3326	1.3326	0.641965	0.938919	-1.06505	0.888483	0.981292	-1.01906	0.0793565	1.29971	1.29971	0.0814919	1.29681	1.29681	0.00240665	0.566066	-1.76658	0.0194957	0.683831	-1.46235	0.344066	1.13998	1.13998	5.46317	1.56758	0.255055	1
cg14504479	SKA3;SKA3;MRP63	0.0395379	0.180642	0.782346	-1.27821	0.00151891	2.20007	2.20007	0.956968	0.990726	-1.00936	0.594465	1.09722	1.09722	0.663087	0.927103	-1.07863	0.293942	1.2068	1.2068	0.148502	0.765218	-1.30682	0.28676	0.82613	-1.21046	0.63981	1.08479	1.08479	3.69892	1.74663	0.419732	1
cg24322968	SKAP1;SKAP1	1.55E-06	0.00069167	0.518584	-1.92833	8.70E-05	2.44131	2.44131	0.0110616	0.667612	-1.49788	0.541394	0.924602	-1.08155	9.29E-07	0.193034	-5.18042	0.117292	1.24076	1.24076	4.97E-07	0.168016	-5.95185	4.18E-05	0.371922	-2.68874	0.000463047	2.01078	2.01078	65.518	16.6841	0.226355	1
cg10706073	SKAP1;SKAP1	1.16E-05	0.0742042	0.678135	-1.47463	3.14E-05	0.205094	-4.8758	0.000225872	0.301973	-3.31156	0.0170894	0.566916	-1.76393	3.83E-07	0.0584139	-17.1192	7.04E-05	0.242664	-4.12093	0.193351	0.764357	-1.30829	0.000139387	0.276752	-3.61335	0.00015636	0.282	-3.53767	39.0124	23.5501	0.536583	1
cg19139618	SKAP1;SKAP1	5.38E-05	0.00453665	0.264479	-3.78103	0.00123198	0.18976	-5.26981	0.000192138	0.1098	-9.10744	0.00551157	0.277134	-3.60836	9.74E-05	0.0874857	-11.4304	0.00209267	0.218116	-4.58472	5.89E-06	0.0278763	-35.8728	2.48E-05	0.0524224	-19.0758	0.694072	0.870188	-1.14918	26.1049	51.1504	1.7417	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12513481	SKAP1;SKAP1	5.65E-05	0.000720227	0.293879	-3.40276	0.000339689	0.253159	-3.95008	0.0034067	0.387836	-2.57841	0.705667	0.913664	-1.09449	0.274295	0.762848	-1.31088	1.96E-05	0.127425	-7.84774	6.20E-06	0.0902465	-11.0808	0.001099	0.318119	-3.14347	0.204841	1.37487	1.37487	25.7757	23.1176	0.797223	1
cg05106502	SKAP1;SKAP1	0.00013709	0.00586139	0.271187	-3.68749	0.00408916	0.248077	-4.03101	0.000560853	0.144352	-6.92752	0.000185518	0.101873	-9.81615	0.00056892	0.144967	-6.89813	0.00190935	0.20379	-4.90702	1.50E-05	0.0388599	-25.7335	0.000140715	0.092783	-10.7778	0.398898	0.731631	-1.36681	20.344	42.1787	1.84291	1
cg25506045	SKAP1;SKAP1	0.000295884	0.10469	0.63496	-1.5749	0.0527244	0.56893	-1.75769	6.96E-05	0.155605	-6.42654	0.535486	0.851534	-1.17435	0.00133466	0.302839	-3.30209	0.00945706	0.430726	-2.32166	2.88E-05	0.121992	-8.19728	0.0013302	0.302642	-3.30424	0.00202503	0.327939	-3.04935	16.5124	17.1545	0.923453	1
cg16789104	SKAP1;SKAP1	0.00167171	0.0264841	2.80191	2.80191	0.00212158	0.184232	-5.42793	0.205533	0.592707	-1.68717	0.487201	0.758468	-1.31845	0.000133604	0.0748092	-13.3673	0.168453	0.562844	-1.77669	0.734881	0.875363	-1.14238	0.340221	1.46953	1.46953	0.0301787	2.71372	2.71372	10.157	24.6735	2.15931	1
cg00587523	SKAP1;SKAP1	0.00699301	0.0406795	0.575585	-1.73736	0.00259221	0.376937	-2.65296	0.0199482	0.518625	-1.92817	0.153056	0.699314	-1.42997	0.118026	0.672521	-1.48694	0.351715	0.799304	-1.25109	0.000368623	0.263722	-3.79187	0.193248	0.724838	-1.37962	0.0101572	0.468706	-2.13353	6.61718	5.72575	0.769142	1
cg04483289	SKAP1;SKAP1	0.0136047	0.640277	0.791984	-1.26265	0.320195	1.66358	1.66358	0.060931	0.351116	-2.84806	0.079679	0.38145	-2.62158	0.00921318	0.194356	-5.14521	0.0775438	0.378254	-2.64373	0.00255021	0.12566	-7.95801	0.828246	1.11367	1.11367	0.0503854	3.01964	3.01964	5.34995	20.8042	3.4566	1
cg11150797	SKAP1;SKAP1	0.0151073	0.218759	0.425467	-2.35036	0.0196708	0.155414	-6.43443	0.0100327	0.116811	-8.56081	0.374208	0.547378	-1.82689	0.0424242	0.213516	-4.68348	0.101795	0.306258	-3.26523	0.00111404	0.0418849	-23.875	0.010577	0.1195	-8.36821	0.0614812	0.248628	-4.02207	5.16849	35.7294	6.14482	1
cg02957270	SKAP1;SKAP1	0.017289	0.535815	1.29019	1.29019	0.735748	1.14757	1.14757	0.0014737	0.154911	-6.45534	0.365462	1.45917	1.45917	0.0116107	0.277451	-3.60424	0.0921284	0.470762	-2.12422	0.06576	0.432114	-2.31421	0.213328	1.70326	1.70326	0.582709	0.798124	-1.25294	4.94152	12.924	2.32479	1
cg04004513	SKAP1;SKAP1	0.0196216	0.114919	0.440239	-2.27149	0.0219022	0.268165	-3.72905	0.0365169	0.312507	-3.19993	0.183973	0.50938	-1.96317	0.00427007	0.16047	-6.23171	0.0210814	0.265092	-3.77227	0.0130775	0.229186	-4.36328	0.00580388	0.1774	-5.63696	0.108028	0.432046	-2.31457	4.73517	17.1778	3.22463	1
cg20190649	SKAP1;SKAP1	0.0243613	0.0404155	0.125252	-7.98388	0.0210294	0.0875221	-11.4257	0.076686	0.177657	-5.62884	0.217402	0.320191	-3.12313	0.0184076	0.0812877	-12.302	0.0331987	0.112498	-8.88906	0.00442438	0.0356694	-28.0352	0.00953051	0.0560436	-17.8433	0.0743686	0.174694	-5.72429	4.39658	53.6266	10.8421	1
cg26871959	SKAP1;SKAP1	0.0260739	0.308698	0.405743	-2.46461	0.00698316	0.0504214	-19.8328	0.0250648	0.102088	-9.7955	0.337134	0.428586	-2.33325	0.0271774	0.106617	-9.37939	0.0502077	0.147873	-6.76256	0.00359328	0.0341912	-29.2473	0.267043	0.371575	-2.69125	0.032105	0.116553	-8.57979	4.29381	49.8496	10.3197	1
cg14233507	SKAP1;SKAP1	0.0310105	0.0683177	3.45841	3.45841	0.0376949	0.230973	-4.3295	0.78534	0.847069	-1.18054	0.626904	0.74245	-1.34689	0.0112643	0.145149	-6.88946	0.319786	0.535255	-1.86827	0.0486955	0.254425	-3.93044	0.909272	1.07176	1.07176	0.0395777	4.25048	4.25048	4.03894	23.6415	5.20301	1
cg01728951	SKAP1;SKAP1	0.0461988	0.836771	0.935828	-1.06857	0.745008	1.11062	1.11062	0.527048	1.2288	1.2288	0.610461	1.17959	1.17959	0.82457	0.931112	-1.07398	0.878811	1.05028	1.05028	0.0819626	1.85823	1.85823	0.113345	0.57468	-1.7401	0.00186375	0.241921	-4.13357	3.49093	5.71451	1.45508	1
cg11986223	SKAP2	4.68E-05	0.161296	1.41597	1.41597	0.12277	0.677886	-1.47517	0.501043	1.17209	1.17209	0.50874	1.16866	1.16866	7.06E-05	0.185322	-5.396	0.367941	1.23989	1.23989	0.000343997	3.81768	3.81768	4.05E-06	0.0831479	-12.0268	0.109521	1.50031	1.50031	27.096	23.198	0.761014	1
cg04521957	SKAP2	0.000435113	0.0498303	0.265719	-3.76337	0.721026	1.23666	1.23666	0.617396	1.34764	1.34764	0.00586009	8.47166	8.47166	?	?	?	0.355046	0.569146	-1.75702	0.144715	0.395348	-2.52942	1.23E-05	236.368	236.368	0.135497	2.59383	2.59383	15.2152	75.1725	4.94061	1
cg23893997	SKAP2	0.000476766	0.582243	0.83259	-1.20107	0.882693	1.04989	1.04989	0.501314	0.798466	-1.2524	0.000338917	6.71475	6.71475	0.228768	0.659336	-1.51668	0.258346	0.677786	-1.47539	0.905734	1.03984	1.03984	1.65E-05	18.5843	18.5843	0.0636858	1.98868	1.98868	14.4803	24.9391	1.53091	1
cg20947113	SKAP2	0.000514607	0.396852	1.51051	1.51051	0.764388	0.866843	-1.15361	0.442106	0.688945	-1.45149	2.76E-05	50.7441	50.7441	0.656973	1.23674	1.23674	0.329161	0.619549	-1.61408	0.717952	1.1882	1.1882	0.000125752	23.9227	23.9227	0.0131701	4.31114	4.31114	14.1768	50.7429	3.18159	1
cg03870497	SKAP2	0.000662685	0.00133999	4.47545	4.47545	0.497027	0.801154	-1.2482	0.732006	1.11686	1.11686	0.305379	1.40668	1.40668	0.663937	0.868877	-1.15091	0.905487	0.962531	-1.03893	0.0202315	2.46026	2.46026	1.19E-05	19.6332	19.6332	0.236573	1.48993	1.48993	13.212	21.6304	1.45527	1
cg02803508	SKAP2	0.000812289	0.163974	1.80777	1.80777	0.969528	1.01535	1.01535	0.275381	0.636111	-1.57205	0.00141882	6.30246	6.30246	0.455904	0.738791	-1.35356	0.574925	1.25344	1.25344	0.000193961	0.0820557	-12.1868	0.000504848	8.7351	8.7351	0.366773	0.690988	-1.4472	12.4784	31.4096	2.23743	1
cg18492219	SKAP2	0.00124514	0.288605	1.72568	1.72568	0.527453	0.728257	-1.37314	0.121075	0.434925	-2.29925	0.00153969	9.55109	9.55109	0.735636	1.18275	1.18275	0.191645	0.504269	-1.98307	0.854226	1.09537	1.09537	5.68E-05	40.5238	40.5238	0.00972218	5.05243	5.05243	11.0546	42.9483	3.45344	1
cg19816235	SKAP2	0.00131508	2.74E-05	0.194363	-5.14502	0.35346	0.827669	-1.20821	0.274154	1.25286	1.25286	0.564938	1.12217	1.12217	0.0770942	0.677454	-1.47612	0.00159414	0.407589	-2.45345	0.447303	0.857751	-1.16584	0.165684	0.746103	-1.3403	0.674624	0.919755	-1.08725	10.8831	6.76498	0.552538	1
cg24494707	SKAP2	0.00194046	0.529019	0.91688	-1.09065	0.00734617	0.624893	-1.60027	0.088925	0.774687	-1.29084	0.956362	1.00747	1.00747	8.85E-05	0.384625	-2.59994	0.215235	0.837362	-1.19423	0.123523	1.25482	1.25482	0.0122856	0.654207	-1.52857	0.00317865	0.577973	-1.73018	9.72712	2.85232	0.260652	1
cg13081213	SKAP2	0.00234832	0.0125192	0.216631	-4.61615	0.553414	0.74438	-1.3434	0.0301649	0.284988	-3.50892	0.0024215	0.12499	-8.00061	0.000494507	0.0681902	-14.6649	0.107498	0.421067	-2.37492	0.0360844	0.301096	-3.3212	0.000293649	0.0547468	-18.2659	0.0157522	0.232936	-4.29302	9.19972	35.3268	3.41332	1
cg12622451	SKAP2	0.00478816	0.076559	0.503174	-1.98739	0.866661	0.943096	-1.06034	0.562257	0.81524	-1.22663	0.00262608	0.234087	-4.27191	0.000703787	0.1652	-6.05328	0.608622	0.835223	-1.19729	0.756659	1.11446	1.11446	0.000859833	0.174666	-5.72521	0.118966	0.554337	-1.80396	7.4361	14.3153	1.71121	1
cg01957330	SKAP2	0.0111953	0.945972	0.981821	-1.01852	0.511491	0.835051	-1.19753	0.0265608	2.03741	2.03741	0.0612277	1.77002	1.77002	0.619247	0.873183	-1.14524	0.489599	0.826952	-1.20926	0.479829	0.823289	-1.21464	0.000424537	4.5317	4.5317	0.0610076	1.77109	1.77109	5.70008	6.61588	1.0317	1
cg20890313	SKAP2	0.0126303	0.405138	0.559843	-1.78622	0.115691	0.31204	-3.20472	0.663953	1.34679	1.34679	0.0208671	6.6442	6.6442	0.606911	0.702264	-1.42397	0.012842	0.121913	-8.20256	0.301361	0.482247	-2.07363	0.00230582	18.1816	18.1816	0.304181	2.06423	2.06423	5.48149	40.2692	6.53013	1
cg00328376	SKAP2	0.030311	0.013829	0.178069	-5.61581	0.254459	0.509197	-1.96388	0.110483	0.372877	-2.68185	0.0691274	0.31553	-3.16927	0.0132385	0.175258	-5.70586	0.632968	0.761176	-1.31376	0.00661082	0.135358	-7.3878	0.0130778	0.174479	-5.73136	0.0630836	0.305499	-3.27333	4.07188	20.7472	4.52909	1
cg19216792	SKAP2	0.0318057	0.0391725	0.417379	-2.3959	0.0161652	0.340533	-2.93658	0.471402	0.764747	-1.30762	0.190811	1.66053	1.66053	0.0772854	0.487211	-2.0525	0.201425	0.610236	-1.63871	0.058365	0.456991	-2.18823	0.0311538	2.52431	2.52431	0.842265	1.07567	1.07567	4.00259	8.49662	1.88691	1
cg09426383	SKAP2	0.0425353	0.0477019	0.268183	-3.72879	0.0520122	0.276688	-3.61418	?	?	?	0.8695	1.10029	1.10029	0.056424	0.284941	-3.5095	0.146055	0.403723	-2.47695	0.00815687	0.139727	-7.15684	0.164026	2.37059	2.37059	0.745917	0.827807	-1.20801	3.65601	17.3883	4.75608	1
cg14322681	SKAP2;SKAP2	0.000423036	0.334064	1.23978	1.23978	0.0656079	1.56167	1.56167	0.0182481	0.538936	-1.85551	0.0789444	1.52326	1.52326	0.876576	1.0341	1.0341	0.784916	0.94269	-1.06079	9.68E-05	0.224073	-4.46283	0.000111266	4.33292	4.33292	0.113152	1.45055	1.45055	14.9672	11.0323	0.655199	1
cg06807960	SKAP2;SKAP2	0.000773585	0.723114	1.13886	1.13886	0.359454	1.41113	1.41113	0.412786	1.35805	1.35805	0.00118898	5.68036	5.68036	0.058384	0.45761	-2.18527	0.639892	0.841787	-1.18795	0.626832	0.836037	-1.19612	1.96E-05	23.6906	23.6906	0.101993	1.92363	1.92363	12.651	26.7676	1.88076	1
cg21120786	SKAP2;SKAP2	0.00866426	0.346979	0.901017	-1.10986	0.707808	1.04136	1.04136	0.00379923	0.656923	-1.52225	0.102018	1.21243	1.21243	0.415388	1.09374	1.09374	0.503973	1.07572	1.07572	0.922372	0.989564	-1.01055	0.000669459	1.75105	1.75105	0.49871	1.07672	1.07672	6.18646	1.13504	0.163086	1
cg08640824	SKI	0.000273734	0.128777	1.43274	1.43274	0.194187	0.740169	-1.35104	0.0598323	0.628031	-1.59228	7.50E-06	0.115484	-8.65924	0.101604	0.675295	-1.48083	0.800994	0.946177	-1.05688	0.336545	1.24241	1.24241	0.00972777	0.488536	-2.04693	0.00372289	2.35907	2.35907	16.8674	12.8184	0.675511	1
cg17422926	SKI	0.000538569	0.836093	1.07076	1.07076	0.718542	1.12692	1.12692	0.115902	0.564881	-1.77028	0.0524168	2.1014	2.1014	0.00173382	4.77352	4.77352	0.00330876	4.00884	4.00884	?	?	?	0.0260073	0.408286	-2.44926	8.11E-05	0.0747214	-13.3831	17.7549	26.6353	1.31265	1
cg06382459	SKI	0.00352723	0.0266709	0.476373	-2.09919	0.999093	1.00032	1.00032	0.181062	1.49324	1.49324	0.049457	0.531	-1.88324	0.0424931	0.517058	-1.93402	0.0200632	0.452891	-2.20804	0.000172957	0.165178	-6.05409	0.0490636	0.530258	-1.88588	0.00562636	0.358373	-2.79039	8.15487	10.2967	1.12235	1
cg01101178	SKI	0.00516069	0.358042	1.2189	1.2189	0.143651	0.719589	-1.38968	0.560071	1.13135	1.13135	0.771989	1.06274	1.06274	0.0201766	0.556104	-1.79822	0.528464	0.874806	-1.14311	0.138997	0.716392	-1.39588	0.000219336	3.63318	3.63318	0.0958847	1.46672	1.46672	7.26801	5.0491	0.617513	1
cg15700006	SKI	0.00539143	0.845577	1.02144	1.02144	0.0239992	1.34037	1.34037	0.0526322	1.27088	1.27088	0.0219976	0.741632	-1.34838	0.429291	1.09175	1.09175	0.0940732	1.22175	1.22175	0.00178793	0.61656	-1.6219	0.00975916	0.700778	-1.42699	0.443338	1.08875	1.08875	7.17129	1.34443	0.166644	1
cg09469355	SKI	0.00543615	0.0677449	0.756997	-1.32101	0.785304	0.963532	-1.03785	0.160023	1.22658	1.22658	0.104553	1.27301	1.27301	0.425974	1.11695	1.11695	0.62468	0.935118	-1.06938	0.0528947	0.741317	-1.34895	0.0831289	0.770273	-1.29824	0.000264793	2.25938	2.25938	7.15315	2.09697	0.260581	1
cg08863830	SKI	0.00564152	0.306762	1.63029	1.63029	0.00121937	10.1408	10.1408	0.0504808	2.84493	2.84493	0.528895	1.34139	1.34139	0.0121588	0.225878	-4.42717	0.66278	1.22361	1.22361	0.144588	0.482855	-2.07102	0.0052634	5.86276	5.86276	0.0199535	3.78088	3.78088	8.17542	26.7608	2.54592	1
cg13400516	SKI	0.0059925	0.0193415	0.614317	-1.62782	0.517335	0.89308	-1.11972	0.801726	1.0443	1.0443	0.1461	0.764311	-1.30837	0.00109753	0.436372	-2.29162	0.848092	1.03359	1.03359	0.00627378	1.84671	1.84671	0.0225095	0.62453	-1.6012	0.237104	1.23784	1.23784	6.94184	3.26243	0.417748	1
cg11155915	SKI	0.00762563	0.430896	1.22501	1.22501	0.665032	0.895861	-1.11625	0.356163	0.786954	-1.27072	0.00706021	0.415213	-2.4084	0.00386559	0.37438	-2.67108	0.0956709	0.630004	-1.58729	0.00114461	0.299072	-3.34367	0.098913	1.5789	1.5789	0.656065	0.893013	-1.1198	6.44039	6.50022	0.897147	1
cg21405929	SKI	0.010664	0.0804744	2.23641	2.23641	0.00157873	6.57779	6.57779	0.0196226	3.22341	3.22341	0.0822523	2.22374	2.22374	0.250668	0.607564	-1.64592	0.729125	1.15525	1.15525	0.0732875	2.29133	2.29133	0.00446527	4.82719	4.82719	0.0181092	3.29217	3.29217	5.79003	15.8038	2.42621	1
cg13488570	SKI	0.0108962	0.485334	0.737037	-1.35678	0.0963839	0.455841	-2.19375	0.0205647	3.32192	3.32192	0.660165	1.20974	1.20974	0.0238042	0.313204	-3.1928	0.00210858	0.155574	-6.4278	0.0239272	0.313641	-3.18836	0.872345	1.07165	1.07165	0.201876	1.7859	1.7859	5.75006	16.865	2.60712	1
cg10397932	SKI	0.0116095	0.330844	0.666388	-1.50063	0.0118589	3.56349	3.56349	0.0158784	3.30323	3.30323	0.495072	1.32346	1.32346	0.166614	0.550698	-1.81588	0.0570206	2.38959	2.38959	0.363517	0.685393	-1.45902	0.00146462	6.41286	6.41286	0.673763	1.18683	1.18683	5.63356	14.6002	2.30369	1
cg05052194	SKI	0.0128627	0.727456	0.972389	-1.02839	0.0309583	1.22472	1.22472	0.036344	0.823066	-1.21497	0.519807	1.0536	1.0536	0.745134	0.974236	-1.02645	0.212754	0.90031	-1.11073	0.000777103	0.665689	-1.5022	0.157927	0.886197	-1.12842	0.300905	1.08956	1.08956	5.44901	0.552654	0.0901537	1
cg02058628	SKI	0.012872	0.372066	1.47231	1.47231	0.0475421	2.60292	2.60292	0.00113936	7.53684	7.53684	0.304492	1.56654	1.56654	0.0267145	0.330171	-3.02873	0.762283	1.13661	1.13661	0.0618634	0.411647	-2.42927	0.442675	0.718638	-1.39152	0.444601	1.38951	1.38951	5.44772	15.3724	2.50827	1
cg06875179	SKI	0.0142603	0.00672914	2.97196	2.97196	0.219612	1.49202	1.49202	0.0218378	2.3467	2.3467	0.0296134	2.2118	2.2118	0.0171874	2.45955	2.45955	0.0151541	2.52151	2.52151	0.110337	1.71495	1.71495	0.00421708	3.27949	3.27949	0.00800043	2.86777	2.86777	5.26787	8.01635	1.35266	1
cg20144521	SKI	0.0197272	0.188389	1.76519	1.76519	0.000999027	7.33421	7.33421	0.00256769	5.49981	5.49981	0.223278	1.68495	1.68495	0.30238	1.54591	1.54591	0.938084	1.03218	1.03218	0.0970359	2.10139	2.10139	0.529931	1.2962	1.2962	0.347388	1.48363	1.48363	4.72655	12.4445	2.34034	1
cg05788548	SKI	0.0208276	0.940174	1.01425	1.01425	0.151371	1.33612	1.33612	0.0151831	1.75446	1.75446	0.331221	0.827813	-1.208	0.529526	0.88687	-1.12756	0.00516954	0.498635	-2.00547	0.0278902	1.63193	1.63193	0.146698	1.34125	1.34125	0.595549	0.903952	-1.10625	4.64006	2.61091	0.500167	1
cg11257240	SKI	0.0220206	0.0470416	0.691172	-1.44682	0.00823383	0.57739	-1.73193	0.5822	0.913659	-1.0945	0.627527	1.0827	1.0827	0.691504	0.93724	-1.06696	0.422719	1.14234	1.14234	0.00331305	0.522046	-1.91554	0.897681	0.97931	-1.02113	0.0800342	1.37112	1.37112	4.55248	1.90407	0.371777	1
cg12611488	SKI	0.0239461	0.0431003	7.31727	7.31727	0.00475904	24.6692	24.6692	0.0764858	5.39353	5.39353	0.134629	3.97274	3.97274	0.483746	0.544102	-1.83789	0.0914944	4.89986	4.89986	0.0278634	9.23112	9.23112	0.00821918	18.0174	18.0174	0.0331847	8.40886	8.40886	4.42284	51.2285	10.2957	1
cg24377150	SKI	0.0290843	0.0193207	0.14699	-6.80318	0.0310749	0.179933	-5.55762	0.081342	0.269981	-3.70396	0.14108	0.342064	-2.92343	0.00852232	0.102784	-9.72917	0.0908709	0.282995	-3.53363	0.00414278	0.0738998	-13.5318	0.0507369	0.221225	-4.52029	0.118918	0.317582	-3.14879	4.13199	30.057	6.46597	1
cg20168901	SKI	0.0304081	0.606358	1.28788	1.28788	0.0164801	4.16296	4.16296	0.290144	1.70638	1.70638	0.69744	1.20945	1.20945	0.323277	0.608608	-1.64309	0.306978	1.67325	1.67325	0.0501884	0.337308	-2.96465	0.00404167	6.54892	6.54892	0.151114	2.11451	2.11451	4.06725	15.2613	3.33531	1
cg12483545	SKI	0.0388606	0.608685	0.71545	-1.39772	0.578799	1.43856	1.43856	0.196292	2.42551	2.42551	0.785299	0.837717	-1.19372	0.236988	0.44779	-2.23319	0.355079	0.539606	-1.8532	0.0231475	0.171915	-5.81681	0.00343164	13.1676	13.1676	0.646196	1.3495	1.3495	3.72247	24.7919	5.92005	1
cg24579224	SKI	0.0448122	0.393969	2.02649	2.02649	0.00170064	37.5458	37.5458	0.0116598	12.8062	12.8062	0.620327	0.667679	-1.49773	0.959875	1.04154	1.04154	0.770544	1.2669	1.2669	0.990582	0.990498	-1.00959	0.475809	1.79775	1.79775	0.762979	1.27718	1.27718	3.53105	36.5929	9.21171	1
cg23015118	SKI	0.0475123	0.317338	1.94071	1.94071	0.01389	7.02671	7.02671	0.0511858	4.15529	4.15529	0.109161	0.326092	-3.06662	0.267756	2.09707	2.09707	0.145959	2.72178	2.72178	0.0144444	6.91449	6.91449	0.165001	2.58595	2.58595	0.707712	0.785367	-1.27329	3.45426	22.5111	5.79281	1
cg15564619	SKI	0.04804	0.141926	0.262634	-3.80758	0.633657	1.5016	1.5016	0.484577	1.82468	1.82468	0.302894	0.40511	-2.46846	0.0054999	0.045488	-21.9838	0.789663	0.797422	-1.25404	0.0269766	0.108859	-9.18616	0.0176878	0.0869075	-11.5065	0.849123	0.851075	-1.17498	3.43989	39.0577	10.0928	1
cg19404444	SKI	0.0492895	0.840185	1.10018	1.10018	0.00489254	5.8328	5.8328	0.0157368	4.05298	4.05298	0.590386	1.29298	1.29298	0.20403	0.530544	-1.88486	0.424446	1.47067	1.47067	0.215079	0.539528	-1.85347	0.643633	0.802288	-1.24643	0.996414	0.997877	-1.00213	3.4066	12.0635	3.14774	1
cg19025786	SKI	0.0495204	0.440769	1.65689	1.65689	0.0026793	14.3805	14.3805	0.0156245	6.7118	6.7118	0.77848	1.19858	1.19858	0.721782	0.794814	-1.25816	0.655281	1.33458	1.33458	0.681182	1.30387	1.30387	0.579264	1.43295	1.43295	0.201652	0.420617	-2.37746	3.40056	22.2186	5.80784	1
cg02360367	SKI	0.0499308	0.146839	0.430365	-2.32361	0.836865	0.894364	-1.11811	0.144025	0.427458	-2.33941	0.188099	0.469899	-2.12812	0.00192822	0.0928581	-10.7691	0.824616	0.886756	-1.12771	0.0188577	0.214318	-4.66597	0.265071	0.53316	-1.87561	0.13568	0.41864	-2.38868	3.38991	15.742	4.1278	1
cg15348799	SKIL;SKIL	5.53E-05	0.47731	1.15731	1.15731	0.228828	0.773672	-1.29254	0.0504174	0.631855	-1.58264	6.81E-07	0.0389485	-25.6749	0.00468898	0.452007	-2.21236	0.186698	0.752128	-1.32956	0.00218306	0.399865	-2.50084	0.378058	0.832664	-1.20096	0.00182768	0.388086	-2.57675	34.5845	21.8112	0.490516	1
cg12946838	SKIL;SKIL	0.00622524	0.536533	0.917092	-1.0904	0.602987	1.07526	1.07526	0.00765825	1.60642	1.60642	0.16951	0.81679	-1.22431	0.7774	0.961564	-1.03997	0.545727	1.08823	1.08823	0.716376	0.950797	-1.05175	0.0002234	0.427617	-2.33854	0.684364	1.05815	1.05815	6.86057	2.07781	0.269211	1
cg15766865	SKIL;SKIL	0.0239806	0.769007	1.05777	1.05777	0.219951	0.781943	-1.27887	0.640069	0.914102	-1.09397	0.590325	0.901542	-1.10921	0.000594035	0.36379	-2.74884	0.310885	0.81877	-1.22134	0.731424	1.06791	1.06791	0.448519	1.1587	1.1587	0.106336	1.39978	1.39978	4.42064	2.54629	0.512	1
cg15578615	SKIL;SKIL	0.0372588	0.145205	1.31368	1.31368	0.035895	1.53072	1.53072	0.00819162	1.80412	1.80412	0.261437	1.22661	1.22661	0.608712	1.09423	1.09423	0.505862	1.12495	1.12495	0.0576817	0.687741	-1.45403	0.0767009	1.40972	1.40972	0.180055	0.780117	-1.28186	3.78024	1.82125	0.428251	1
cg19252529	SKIL;SKIL;SKIL	0.00141898	0.00752019	0.44534	-2.24547	0.161826	1.4209	1.4209	0.000389474	0.264507	-3.78062	0.184942	1.39185	1.39185	0.0108702	2.12124	2.12124	0.0315836	1.80899	1.80899	0.0654939	1.62605	1.62605	0.927032	0.97869	-1.02177	0.0067005	0.437355	-2.28647	10.6483	9.32618	0.778525	1
cg15627834	SKIL;SKIL;SKIL	0.00657291	0.0205694	0.390992	-2.5576	0.177255	0.617089	-1.62051	0.0945056	1.85653	1.85653	0.00708582	3.22611	3.22611	0.0454986	0.462039	-2.16432	0.106795	1.80892	1.80892	0.129994	0.576618	-1.73425	0.00716158	3.21842	3.21842	0.114765	0.56138	-1.78132	6.74598	12.1071	1.59531	1
cg17183770	SKIL;SKIL;SKIL	0.00848465	0.0623444	0.530005	-1.88678	0.0636583	0.53209	-1.87938	0.0412995	0.490525	-2.03863	0.34598	0.745502	-1.34138	0.0238023	0.442042	-2.26223	0.601772	1.17273	1.17273	0.00174325	3.86032	3.86032	0.167197	1.5614	1.5614	0.0622659	0.529879	-1.88722	6.22757	9.03194	1.28917	1
cg10089796	SKIL;SKIL;SKIL	0.029959	0.940562	0.995004	-1.00502	0.836776	1.01395	1.01395	0.589487	1.03727	1.03727	0.219683	0.916963	-1.09056	0.016886	0.822202	-1.21625	0.00170989	0.740245	-1.3509	0.308555	0.93166	-1.07335	0.0323459	0.845093	-1.1833	0.715391	1.0249	1.0249	4.08882	0.292149	0.0635117	1
cg08348121	SKIL;SKIL;SKIL	0.0498269	0.21128	0.488649	-2.04646	0.996705	0.997757	-1.00225	0.995489	1.00308	1.00308	0.199945	2.08809	2.08809	0.382942	0.614773	-1.62662	0.256413	1.90433	1.90433	0.967433	0.978045	-1.02245	0.705495	1.2293	1.2293	0.00154483	0.0840705	-11.8948	3.3926	15.8862	4.1623	1
cg22848704	SKINTL	4.85E-06	0.000580545	0.394226	-2.53661	2.05E-05	0.221933	-4.50586	0.216953	0.796719	-1.25515	4.10E-06	0.154452	-6.4745	1.19E-06	0.110969	-9.01152	8.25E-05	0.2892	-3.45782	0.0596399	1.45038	1.45038	0.0515879	0.678693	-1.47342	4.34E-06	0.15658	-6.38652	48.9266	23.7123	0.4308	1
cg00983803	SKINTL	0.00532812	0.0692403	0.824813	-1.2124	0.149812	0.863897	-1.15755	0.0005112	0.598014	-1.6722	0.792599	0.97534	-1.02528	0.0924236	1.19182	1.19182	0.713134	1.03561	1.03561	0.00350452	1.45536	1.45536	0.796794	0.975847	-1.02475	0.631197	0.955206	-1.04689	7.19731	1.02339	0.126391	1
cg17758905	SKINTL	0.0414451	0.273141	1.66372	1.66372	0.23557	0.574163	-1.74167	0.319256	0.631647	-1.58316	0.289975	1.63266	1.63266	0.741726	1.15907	1.15907	0.16752	1.92835	1.92835	0.00279283	0.158921	-6.29242	0.710314	1.1812	1.1812	0.0718287	0.407764	-2.4524	3.63519	11.4702	2.80472	1
cg03058602	SKIV2L	1.72E-06	0.152713	0.875329	-1.14243	0.227161	1.11653	1.11653	0.365637	0.922369	-1.08417	0.0113856	1.31706	1.31706	1.52E-06	0.347093	-2.88107	0.0400912	0.813638	-1.22905	5.01E-08	0.193664	-5.16357	0.252741	0.901353	-1.10944	0.000115958	0.555769	-1.79931	63.8685	7.64555	0.106407	1
cg03066618	SKIV2L	0.000167917	0.000258001	0.206737	-4.83707	0.18383	0.691044	-1.44709	0.000642585	0.253364	-3.94689	0.00108561	0.282535	-3.53938	6.59E-06	0.0722278	-13.8451	0.00317988	0.347868	-2.87466	0.0031602	0.347468	-2.87796	0.0776319	0.598068	-1.67205	0.00253475	0.333446	-2.99899	19.2614	20.9562	0.9671	1
cg23858195	SKIV2L	0.000251471	0.592855	1.07821	1.07821	0.0702517	0.754019	-1.32623	0.00247309	0.555935	-1.79877	0.00153075	0.529246	-1.88948	8.42E-06	0.258292	-3.87159	0.00387484	0.581137	-1.72077	0.00596607	0.605596	-1.65127	0.827452	0.970003	-1.03093	0.000788164	0.492675	-2.02973	17.2623	5.32191	0.274041	1
cg09706573	SKIV2L	0.000404182	0.316954	0.833179	-1.20022	0.00498738	0.519121	-1.92633	8.38E-05	0.28697	-3.48468	0.526552	1.11986	1.11986	4.14E-05	0.25202	-3.96793	0.00341896	0.495727	-2.01724	0.0858906	0.715455	-1.39771	0.593295	1.09977	1.09977	0.00685636	0.539183	-1.85466	15.1567	7.47081	0.438139	1
cg23088456	SKIV2L	0.000552018	0.00418243	0.25076	-3.98788	0.00077359	0.159712	-6.26128	0.0202498	0.364523	-2.74331	0.00562555	0.269779	-3.70674	0.00018358	0.102375	-9.76799	0.00100205	0.171907	-5.8171	0.000166444	0.099078	-10.0931	0.0355291	0.413863	-2.41626	0.00110743	0.176782	-5.65668	13.9029	28.6128	1.82936	1
cg24915236	SKIV2L	0.00160686	0.233282	0.85055	-1.17571	0.000387438	0.480434	-2.08145	0.0515256	0.750454	-1.33253	0.386815	1.12176	1.12176	0.133906	0.811089	-1.23291	0.679352	1.05531	1.05531	0.000307476	2.136	2.136	0.282136	0.865225	-1.15577	0.124785	0.806352	-1.24015	10.2737	2.72974	0.236179	1
cg08048963	SKIV2L	0.00186008	0.136669	0.80901	-1.23608	0.0024251	0.572291	-1.74736	0.0197505	0.689258	-1.45084	0.140484	1.23318	1.23318	0.000101809	0.402573	-2.48402	0.242464	0.850698	-1.17551	0.84901	0.975121	-1.02551	0.0803299	1.29231	1.29231	0.0492566	0.743288	-1.34537	9.8475	2.72512	0.245984	1
cg18244100	SKIV2L	0.00480522	0.00274313	0.171188	-5.84154	0.977368	1.01219	1.01219	0.00801282	0.234388	-4.26643	0.329064	1.53741	1.53741	0.0294965	0.334707	-2.98769	0.00843509	0.237808	-4.20507	0.00118239	0.131208	-7.62148	0.64151	1.22166	1.22166	0.0264137	0.324984	-3.07707	7.42805	21.4477	2.56657	1
cg00811777	SKIV2L	0.00548683	0.944636	1.02231	1.02231	0.000331078	0.158654	-6.30302	0.0312902	0.448139	-2.23145	0.560019	1.2059	1.2059	0.16157	0.621943	-1.60786	0.0738582	0.531012	-1.8832	0.00151971	0.234429	-4.26569	0.989664	0.995893	-1.00412	0.0557425	0.502273	-1.99095	7.1328	11.4016	1.42086	1
cg03371043	SKIV2L	0.00861663	0.00431342	0.437317	-2.28667	0.0173834	1.87337	1.87337	0.528074	1.14861	1.14861	0.00336296	0.421192	-2.37421	0.465748	0.851384	-1.17456	0.990856	1.00249	1.00249	0.0530574	0.620983	-1.61035	0.204407	1.33679	1.33679	0.0680131	0.642117	-1.55735	6.19726	4.61097	0.661363	1
cg18035435	SKIV2L	0.00936539	0.92204	1.01785	1.01785	0.766819	1.05523	1.05523	0.025562	0.619012	-1.61548	0.473196	1.14099	1.14099	0.235844	1.25181	1.25181	0.0184156	0.596311	-1.67698	0.000528571	0.376816	-2.65381	0.410698	1.16427	1.16427	0.0764107	0.70021	-1.42814	6.03556	3.12442	0.460151	1
cg02105247	SKIV2L	0.0128922	0.145147	1.65942	1.65942	0.00447918	0.293203	-3.41061	0.522337	0.810665	-1.23356	0.130098	0.589022	-1.69773	0.616253	1.17771	1.17771	0.652806	0.863645	-1.15788	0.00282431	0.264104	-3.78638	0.381992	0.74808	-1.33676	0.0061216	0.31409	-3.1838	5.44493	9.03689	1.47528	1
cg24521988	SKIV2L	0.0154485	0.0125487	0.194501	-5.14135	0.405249	1.56683	1.56683	0.20028	0.48995	-2.04102	0.219553	1.9755	1.9755	0.0934621	0.377976	-2.64567	0.645018	1.27715	1.27715	0.00109559	0.0789171	-12.6715	0.521802	1.4083	1.4083	0.107294	0.395744	-2.52688	5.13041	22.5963	3.91501	1
cg08276125	SKIV2L	0.0178538	0.121973	0.416809	-2.39918	0.00979483	0.181793	-5.50077	0.102979	0.394061	-2.53768	0.0321405	0.269751	-3.70712	0.0027544	0.11573	-8.64079	0.0750531	0.355255	-2.81488	0.00647331	0.157548	-6.34729	0.750148	0.846378	-1.18151	0.0238286	0.244634	-4.08774	4.88851	21.1012	3.83688	1
cg18179997	SKIV2L	0.0229025	0.100893	0.637814	-1.56786	0.0551451	0.580308	-1.72322	0.0230636	0.506529	-1.97422	0.890382	0.966074	-1.03512	0.0104247	0.446104	-2.24163	0.981122	1.00594	1.00594	0.118199	0.654042	-1.52895	0.0134736	2.1504	2.1504	0.21509	0.721361	-1.38627	4.49143	4.45631	0.881939	1
cg04744301	SKIV2L	0.0246526	0.787052	0.900654	-1.1103	0.949752	1.02465	1.02465	0.419492	0.727058	-1.37541	0.257997	0.633739	-1.57794	0.00252613	0.197858	-5.05414	0.00590165	0.248588	-4.02272	0.197817	0.590962	-1.69216	0.0854475	2.08486	2.08486	0.243051	0.623713	-1.6033	4.37847	10.3552	2.10225	1
cg21600878	SKIV2L	0.0397018	0.0592456	1.41395	1.41395	0.347538	1.17037	1.17037	0.109737	1.32788	1.32788	0.017452	1.60104	1.60104	0.340971	1.17305	1.17305	0.193367	1.2509	1.2509	0.0111429	0.59601	-1.67782	0.288697	1.19619	1.19619	0.65517	0.929498	-1.07585	3.6933	1.5474	0.372423	1
cg22114068	SKIV2L	0.0469533	0.207111	0.830432	-1.20419	0.596026	1.07759	1.07759	0.380914	0.882038	-1.13374	0.678317	0.943412	-1.05998	0.0483597	0.729753	-1.37033	0.495694	0.907907	-1.10143	0.0047552	1.68808	1.68808	0.0621918	0.745856	-1.34074	0.951201	0.991489	-1.00858	3.46971	1.07189	0.274603	1
cg10524620	SKIV2L2	0.00202361	0.123516	0.73658	-1.35763	0.00562588	0.513724	-1.94657	0.0433624	0.653235	-1.53084	0.389805	0.850864	-1.17528	3.62E-05	0.232561	-4.29996	0.155134	0.75668	-1.32156	0.814091	0.957748	-1.04412	0.208832	1.27481	1.27481	0.653393	0.9205	-1.08637	9.60899	5.11133	0.472829	1
cg04014864	SKIV2L2;DHX29	4.97E-05	0.272969	0.766985	-1.30381	0.243944	0.753174	-1.32771	0.862906	1.04101	1.04101	0.0910111	1.54167	1.54167	0.876022	0.964349	-1.03697	0.478545	1.18237	1.18237	0.526903	0.861508	-1.16076	4.16E-07	0.0351672	-28.4356	0.793971	1.06275	1.06275	26.6579	22.8262	0.761122	1
cg05225431	SKIV2L2;DHX29	0.00273413	0.007067	0.47518	-2.10447	0.211531	1.32488	1.32488	0.0120001	0.511819	-1.95382	0.0855608	1.50109	1.50109	0.393258	1.20553	1.20553	0.00394827	2.29034	2.29034	0.00162544	0.380916	-2.62525	0.187729	0.742014	-1.34768	0.0764673	0.656248	-1.52381	8.79668	6.3646	0.643131	1
cg18014138	SKIV2L;SKIV2L;RDBP	0.0137858	0.143151	1.21836	1.21836	0.550988	0.927072	-1.07866	0.0286244	1.3828	1.3828	0.0306316	1.37547	1.37547	0.418943	1.10923	1.10923	0.0503222	1.32319	1.32319	0.00177822	0.572103	-1.74794	0.795309	0.967894	-1.03317	0.468181	1.09708	1.09708	5.3268	1.32921	0.221807	1
cg05542800	SKIV2L;SKIV2L;RDBP	0.0279321	0.512117	1.10082	1.10082	0.0265205	1.4622	1.4622	0.00877772	1.61962	1.61962	0.635246	1.07147	1.07147	0.569216	1.08666	1.08666	0.0304896	1.44389	1.44389	0.0816261	0.75668	-1.32156	0.018541	1.5106	1.5106	0.473632	0.900063	-1.11103	4.19137	1.38551	0.293834	1
cg04406910	SKIV2L;SKIV2L;RDBP	0.0404964	0.957116	1.01145	1.01145	0.411621	1.1945	1.1945	0.0542566	1.58791	1.58791	0.733079	1.07516	1.07516	0.313489	1.24693	1.24693	0.739823	0.931879	-1.0731	0.00237634	0.407822	-2.45205	0.097449	1.46962	1.46962	0.808555	1.05273	1.05273	3.66643	2.60237	0.630917	1
cg12376770	SKP1;SKP1	0.00025834	0.490119	0.921796	-1.08484	0.755158	1.03701	1.03701	0.814921	1.02761	1.02761	0.0152465	1.4136	1.4136	0.120777	1.21586	1.21586	0.140345	1.20233	1.20233	9.36E-06	0.329151	-3.03812	0.0043248	0.64207	-1.55746	0.0104839	1.45382	1.45382	17.136	3.66206	0.189961	1
cg02717486	SKP1;SKP1	0.000602475	0.124472	1.18646	1.18646	0.00037958	0.557917	-1.79238	0.00122806	0.615123	-1.62569	0.00406974	1.48642	1.48642	0.0070235	0.6989	-1.43082	0.00814335	1.41644	1.41644	0.0434516	0.787655	-1.26959	0.499978	1.07291	1.07291	0.117447	1.19099	1.19099	13.5683	2.27038	0.148738	1
ch.5.2450351R	SKP1;SKP1	0.00630248	0.502292	1.18437	1.18437	0.00382683	2.63517	2.63517	0.0397362	0.553823	-1.80563	0.00233862	0.347916	-2.87425	0.662993	1.11513	1.11513	0.498047	1.18643	1.18643	0.445402	1.21327	1.21327	0.0359717	1.83362	1.83362	0.0279367	1.90689	1.90689	6.83444	6.68504	0.869459	1
cg00854995	SKP1;SKP1	0.00794371	0.650886	0.958521	-1.04327	0.00844274	1.36719	1.36719	0.0107426	1.34727	1.34727	0.136482	0.861411	-1.16089	0.3	1.10504	1.10504	0.124789	1.1671	1.1671	0.00385227	0.696185	-1.4364	0.0662956	0.825688	-1.21111	0.336996	1.09642	1.09642	6.35826	0.870804	0.121739	1
cg09659443	SKP1;SKP1	0.0186107	0.0253055	0.57598	-1.73617	0.00327489	2.29673	2.29673	0.0871801	1.47966	1.47966	0.242322	0.775801	-1.28899	0.101711	0.68957	-1.45018	0.467161	0.857707	-1.1659	0.067529	0.653819	-1.52948	0.375855	0.828166	-1.20749	0.397756	0.835582	-1.19677	4.82064	3.2859	0.605894	1
cg11916758	SKP1;SKP1	0.0263749	0.689961	0.93348	-1.07126	0.165305	1.28925	1.28925	0.0572484	1.44666	1.44666	0.288331	0.827594	-1.20832	0.343633	0.845798	-1.18231	0.0328385	0.651449	-1.53504	0.00608113	0.540693	-1.84948	0.438794	1.14518	1.14518	0.0739219	1.40768	1.40768	4.27662	1.9961	0.414886	1
cg18516595	SKP1;SKP1	0.0389281	0.102792	2.37267	2.37267	0.387453	0.651291	-1.53541	0.129937	0.453012	-2.20745	0.0591378	2.80507	2.80507	0.658677	0.806388	-1.2401	0.179327	1.9946	1.9946	0.0421178	3.10639	3.10639	0.00828563	5.12434	5.12434	0.0883161	2.48503	2.48503	3.7201	13.8051	3.29862	1
cg26922706	SKP1;SKP1	0.0430503	0.579078	1.26227	1.26227	0.153147	1.88863	1.88863	0.159539	1.86784	1.86784	0.191684	0.562977	-1.77627	0.542277	0.773836	-1.29226	0.0245057	0.328337	-3.04565	0.00472362	0.2101	-4.75965	0.701696	0.85217	-1.17347	0.829443	1.09381	1.09381	3.58429	9.8077	2.43227	1
cg08431089	SKP1;SKP1	0.0446282	0.975604	1.01313	1.01313	0.354798	0.66623	-1.50098	0.0293752	2.98831	2.98831	0.736844	0.865986	-1.15475	0.645879	0.820871	-1.21822	0.552301	0.773749	-1.29241	0.00555561	0.211359	-4.7313	0.0246257	0.31924	-3.13244	0.30556	0.635963	-1.57242	3.53649	10.1946	2.5624	1
cg24773493	SKP2;SKP2	0.0035409	0.000422999	0.199471	-5.01326	0.0111593	0.399274	-2.50455	0.00733342	0.36872	-2.71208	0.400045	1.2823	1.2823	0.0506551	0.525815	-1.90181	0.86739	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14711201	SKP2;SKP2;LMBRD2	0.0041545	0.186908	1.16006	1.16006	0.0351299	1.29755	1.29755	0.00138429	1.63567	1.63567	0.292897	1.12277	1.12277	0.0111022	1.40203	1.40203	0.0549038	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22416703	SKP2;SKP2;LMBRD2	0.0297791	0.294918	0.851548	-1.17433	0.987299	0.997648	-1.00236	0.043859	1.40874	1.40874	0.835174	1.0313	1.0313	0.0757396	1.33968	1.33968	0.879406	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23779478	SLA2;SLA2	0.00807433	0.0204579	0.489549	-2.04269	0.14095	1.49923	1.49923	0.0107984	0.440926	-2.26795	0.00437431	0.377799	-2.64691	0.00264833	0.34523	-2.89662	0.0741496	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07598052	SLA2;SLA2	0.0104668	0.00298744	0.0383684	-26.0631	0.133716	0.273952	-3.65028	0.0428156	0.154688	-6.46464	0.153335	0.294058	-3.40069	0.00222177	0.0323632	-30.8993	0.0301265	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03841065	SLA2;SLA2	0.0104761	0.00462419	0.0342461	-29.2004	0.0439022	0.125717	-7.95435	0.0395108	0.118558	-8.43466	0.0529897	0.13958	-7.16434	0.00166253	0.0177995	-56.1813	0.0506203	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00714377	SLA2;SLA2	0.0143977	0.0036504	0.119816	-8.34614	0.141629	0.426196	-2.34634	0.207139	0.487775	-2.05012	0.0621783	0.322048	-3.10513	0.00445022	0.129036	-7.74976	0.0449167	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08495185	SLA2;SLA2	0.020157	0.00751495	0.111787	-8.94561	0.00970333	0.124447	-8.03553	0.0865531	0.299456	-3.33939	0.0688142	0.27333	-3.65858	0.0058831	0.100705	-9.93001	0.0794099	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09191335	SLA2;SLA2	0.0203491	0.204319	1.33869	1.33869	0.162627	0.722825	-1.38346	0.00695128	0.467455	-2.13924	0.0249318	1.788	1.788	0.0546844	0.622142	-1.60735	0.103866	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06340367	SLA2;SLA2	0.0267693	0.0141074	0.336447	-2.97224	0.0791167	0.49611	-2.01568	0.0100571	0.310976	-3.21568	0.0472269	0.442021	-2.26233	0.0098262	0.309284	-3.23327	0.251726	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15844596	SLA2;SLA2	0.046367	0.0364557	0.459319	-2.17714	0.255051	0.683689	-1.46265	0.0154872	0.386621	-2.58652	0.119019	0.581927	-1.71843	0.0101403	0.354247	-2.82289	0.078214	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04756252	SLA;SLA;TG;SLA	0.0343305	0.0455626	0.452614	-2.20939	0.00275068	0.239662	-4.17255	0.0291102	0.411018	-2.43298	0.260178	0.666262	-1.50091	0.570669	1.21913	1.21913	0.0875168	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02794695	SLA;TG;SLA;SLA	0.0436442	0.0855322	0.62408	-1.60236	0.698368	1.10142	1.10142	0.0622883	0.594181	-1.68299	0.111071	0.65011	-1.5382	0.900298	1.03158	1.03158	0.55054	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06772221	SLA;TG;SLA;SLA	0.0452826	0.0208792	0.252543	-3.95972	0.100555	0.410485	-2.43614	0.0400944	0.309062	-3.23559	0.0989827	0.408469	-2.44817	0.0503116	0.3314	-3.01751	0.0590326	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11361121	SLAIN1	0.000883664	0.000554689	0.334589	-2.98874	0.35113	1.20077	1.20077	0.541166	1.12484	1.12484	0.0713142	0.677719	-1.47554	0.000768539	0.35478	-2.81865	7.03E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09144905	SLAIN1	0.00563478	0.00479553	0.262685	-3.80684	0.384212	1.37525	1.37525	0.403781	1.35677	1.35677	0.0826502	1.98663	1.98663	0.0115479	0.323674	-3.08953	0.240899	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08110054	SLAIN1	0.0103766	0.101976	1.38775	1.38775	0.000967131	2.4578	2.4578	0.00766361	1.87276	1.87276	0.488339	0.879084	-1.13755	0.0487607	0.662316	-1.50985	0.433435	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05577945	SLAIN1	0.0297228	0.230875	1.18031	1.18031	0.0281655	1.40764	1.40764	0.0390028	1.37047	1.37047	0.862501	0.977395	-1.02313	0.550487	1.08293	1.08293	0.211645	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03117416	SLAIN1	0.0335218	0.461665	1.11091	1.11091	0.29144	1.16609	1.16609	0.150758	1.24129	1.24129	0.458732	0.899516	-1.11171	0.976368	1.00417	1.00417	0.631133	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04139515	SLAIN1;SLAIN1	0.00129452	0.0232817	0.621593	-1.60877	0.0645153	1.43927	1.43927	0.0259568	1.58963	1.58963	0.000113724	0.30482	-3.28063	0.355151	0.84638	-1.1815	0.513479	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25253705	SLAIN1;SLAIN1	0.0092588	0.147033	1.63893	1.63893	0.00585548	3.14322	3.14322	0.136771	1.66342	1.66342	0.00860713	2.89708	2.89708	0.199212	1.53825	1.53825	0.00288757	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24463066	SLAIN2	0.00102903	0.223902	1.12568	1.12568	0.00339694	0.691436	-1.44627	0.39128	0.921836	-1.08479	0.00364237	0.694574	-1.43973	0.00878158	1.36237	1.36237	0.616009	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05872234	SLAIN2	0.0025639	0.210293	1.30189	1.30189	0.0152867	0.551481	-1.8133	0.045901	0.633009	-1.57976	0.209526	0.767734	-1.30253	0.000139729	0.268607	-3.72291	0.549441	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06151145	SLAIN2	0.00871748	0.0121504	0.511535	-1.9549	0.781149	1.06155	1.06155	0.339234	1.23523	1.23523	0.088925	0.668725	-1.49538	0.00390698	0.434704	-2.30041	0.50073	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26152897	SLAIN2	0.0132197	0.0662081	0.804124	-1.24359	0.927587	0.990429	-1.00966	0.00439121	1.49544	1.49544	0.728762	0.96384	-1.03752	0.00656862	0.688338	-1.45277	0.328751	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08931198	SLAIN2	0.031273	0.501372	0.916202	-1.09146	0.0200316	1.43321	1.43321	0.0661751	1.30253	1.30253	0.235884	0.852733	-1.1727	0.299797	0.871263	-1.14776	0.338189	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23957253	SLAIN2	0.0326511	0.00666299	0.53783	-1.85932	0.0607815	0.689091	-1.45119	0.0749053	0.705073	-1.41829	0.757579	0.946917	-1.05606	0.376334	0.852196	-1.17344	0.242303	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08700083	SLAIN2	0.0405572	0.00644879	0.245462	-4.07396	0.610827	0.815873	-1.22568	0.178508	0.567354	-1.76257	0.127454	0.520207	-1.92231	0.0352346	0.378152	-2.64444	0.70054	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26152888	SLAIN2;SLAIN2	0.0126823	0.468398	0.817387	-1.22341	0.242749	0.715965	-1.39672	0.28556	1.35412	1.35412	0.906295	1.03271	1.03271	0.870056	0.956239	-1.04576	0.152779	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21829239	SLAMF1	0.000137175	0.986521	0.99697	-1.00304	0.0126863	1.74445	1.74445	0.00555174	0.519729	-1.92408	0.0052735	0.51648	-1.93618	0.650297	1.08543	1.08543	0.000232397	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03950000	SLAMF1	0.000202451	0.207324	0.810103	-1.23441	0.171793	0.794231	-1.25908	0.00189284	0.497932	-2.00831	0.0168527	0.630144	-1.58694	2.14E-05	0.2581	-3.87447	0.00742843	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20535085	SLAMF1	0.00296013	0.68357	1.11673	1.11673	0.0395561	1.89903	1.89903	0.142593	1.52896	1.52896	0.00479149	0.364734	-2.74172	0.125691	0.639904	-1.56273	0.813805	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26883963	SLAMF1	0.0203827	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01710351	SLAMF1	0.0398818	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24347498	SLAMF1	0.00116086	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20151617	SLAMF6	0.00228556	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10671066	SLAMF6	0.0043137	0.00905309	0.16623	-6.01577	0.00203953	0.0951887	-10.5054	0.0129305	0.188437	-5.30682	0.0880058	0.361171	-2.76877	0.00232188	0.100175	-9.98251
cg21829783	SLAMF6	0.013506	0.0140545	0.383998	-2.60418	0.368656	0.747154	-1.33841	0.00501382	0.309735	-3.22857	0.17535	0.634479	-1.5761	0.231227	0.672717	-1.48651
cg04244970	SLAMF7	6.29E-06	0.000458804	0.434279	-2.30267	0.000327966	0.415856	-2.40468	8.87E-06	0.232965	-4.2925	0.027284	0.673723	-1.48429	1.07E-05	0.24173	-4.13685
cg23844325	SLAMF7	1.08E-05	0.110771	0.681307	-1.46777	0.000253843	0.264109	-3.78632	5.39E-05	0.189588	-5.27459	0.0281644	0.564124	-1.77266	7.26E-07	0.0519129	-19.263
cg04345766	SLAMF7	0.000598696	0.00474968	0.527753	-1.89483	0.0147664	0.599668	-1.66759	0.00450803	0.524539	-1.90644	0.000134815	0.324019	-3.08624	0.000814121	0.422984	-2.36416
cg07837085	SLAMF7	0.00292799	0.500241	0.789699	-1.2663	0.0125175	0.342368	-2.92083	0.000623099	0.162661	-6.14775	0.000383432	0.141432	-7.07053	0.0168628	0.365677	-2.73465
cg15680798	SLAMF8;C1orf204	0.0256553	0.0675875	0.418726	-2.3882	0.0876007	0.448595	-2.22918	0.113915	0.481356	-2.07747	0.177602	1.83878	1.83878	0.00106621	0.127955	-7.81523
cg06764092	SLAMF8;SLAMF8	0.00309513	0.0288008	1.537	1.537	0.0463879	0.683604	-1.46284	0.000745443	0.426005	-2.34739	0.139851	0.767334	-1.30321	0.0742818	0.717799	-1.39315
cg21301505	SLAMF8;SLAMF8	0.018162	0.150891	0.744097	-1.34391	0.104445	1.40607	1.40607	0.0299375	0.61237	-1.633	0.00467225	0.485701	-2.05888	0.930424	0.983372	-1.01691
cg10816369	SLAMF9;SLAMF9;SLAMF9	0.000944351	0.196548	0.779188	-1.28339	0.000586229	0.378771	-2.64011	0.260488	1.23918	1.23918	0.496545	0.881489	-1.13444	0.0426489	0.652831	-1.53179
cg21817012	SLAMF9;SLAMF9;SLAMF9	0.00573726	0.017036	0.229592	-4.35556	0.0128443	0.20953	-4.77259	0.16475	0.472515	-2.11634	0.0654099	0.351308	-2.84651	0.00518899	0.15472	-6.46328
cg21022868	SLAMF9;SLAMF9;SLAMF9	0.0243039	0.00917192	0.217334	-4.60121	0.319448	0.622127	-1.60739	0.0156494	0.254899	-3.92312	0.0992736	0.434509	-2.30145	0.0226936	0.284144	-3.51935
cg18913171	SLAMF9;SLAMF9;SLAMF9	0.02436	0.790202	1.04123	1.04123	0.0698838	0.735567	-1.3595	0.00171632	0.50759	-1.97009	0.833887	0.968681	-1.03233	0.452873	1.12285	1.12285
cg26417912	SLAMF9;SLAMF9;SLAMF9	0.0308292	0.0403673	0.359538	-2.78135	0.602956	0.797161	-1.25445	0.00847303	0.234133	-4.27108	0.252398	0.596625	-1.6761	0.00580524	0.209954	-4.76296
cg14822966	SLBP	0.00504467	0.000367131	0.161255	-6.20135	0.0798909	0.537137	-1.86172	0.188028	0.640099	-1.56226	0.19556	0.645474	-1.54925	0.00879916	0.344078	-2.90632
cg06888387	SLBP	0.0056727	0.576633	0.79648	-1.25552	0.0156959	0.302805	-3.30246	0.361059	1.46052	1.46052	0.147192	1.873	1.873	0.000675532	0.122834	-8.14107
cg12104108	SLBP	0.0107839	0.00579915	0.532073	-1.87944	0.148182	1.31104	1.31104	0.216146	1.25515	1.25515	0.625819	0.917778	-1.08959	0.00182072	0.461296	-2.1678
cg21441505	SLBP	0.0149892	0.147036	0.674971	-1.48154	0.689502	1.10677	1.10677	0.0762295	0.607569	-1.6459	0.944376	0.982529	-1.01778	0.114076	0.647784	-1.54372
cg09964575	SLBP	0.0162727	0.493155	0.820329	-1.21902	0.00954383	2.54504	2.54504	0.0865396	1.71389	1.71389	0.154812	1.54236	1.54236	0.0995282	1.67152	1.67152
cg12524748	SLBP	0.0388252	0.377295	0.896808	-1.11507	0.21681	0.85536	-1.1691	0.367754	1.11765	1.11765	0.540479	1.07734	1.07734	0.219632	0.856261	-1.16787
cg00003091	SLBP	0.0414845	0.0391182	0.509813	-1.96151	0.0401017	1.95298	1.95298	0.704658	1.11344	1.11344	0.212886	0.690602	-1.44801	0.16147	0.655773	-1.52492
cg03449631	SLBP;SLBP	0.00102644	0.170377	0.924116	-1.08212	7.46E-05	0.677849	-1.47526	0.259328	0.938377	-1.06567	0.262526	0.93881	-1.06518	0.0056585	0.821824	-1.21681
cg05633152	SLC10A1	1.17E-06	0.885154	0.982742	-1.01756	0.00092638	0.551135	-1.81444	3.32E-05	0.378971	-2.63873	0.431259	1.1016	1.1016	8.09E-08	0.11771	-8.49546
cg24053811	SLC10A1	0.000696806	0.568948	0.90812	-1.10118	0.358855	0.853892	-1.17111	0.996597	1.00071	1.00071	0.728296	1.06012	1.06012	0.000581222	0.41038	-2.43677
cg01448863	SLC10A1	0.000697217	0.142452	0.730221	-1.36945	0.00404467	0.46309	-2.15941	0.000250094	0.299738	-3.33625	0.0763627	0.674919	-1.48166	0.00047891	0.335242	-2.98292
cg14059534	SLC10A1	0.00157266	0.528523	0.914045	-1.09404	0.219775	1.19916	1.19916	0.146981	1.24492	1.24492	0.628395	0.933658	-1.07106	0.536743	0.915719	-1.09204
cg20482113	SLC10A1	0.0155412	0.0163947	0.682924	-1.46429	0.136264	1.23208	1.23208	0.0152615	1.47302	1.47302	0.0943537	0.787352	-1.27008	0.95547	0.992767	-1.00729
cg03054387	SLC10A1	0.0256306	0.596639	0.823024	-1.21503	0.127589	0.548379	-1.82356	0.00220487	0.209128	-4.78176	0.902389	1.04576	1.04576	0.0577695	0.45734	-2.18656
cg21088438	SLC10A1	0.0477436	0.762645	0.853414	-1.17176	0.0276467	0.255984	-3.90649	0.0702124	0.346738	-2.88402	0.0100586	0.182698	-5.47353	0.0253548	0.248826	-4.01887
cg22971191	SLC10A2	0.00922345	0.00453309	0.227404	-4.39745	0.0219841	0.340939	-2.93308	0.0468527	0.410201	-2.43783	0.0534799	0.423612	-2.36065	0.00161664	0.170325	-5.87112
cg14479139	SLC10A2	0.0104421	0.0160445	2.31343	2.31343	0.339682	0.755747	-1.32319	0.424809	0.792985	-1.26106	0.333198	0.752715	-1.32852	0.00130344	0.26383	-3.79032
cg09125550	SLC10A2	0.016437	0.63162	1.19918	1.19918	0.406271	0.726534	-1.3764	0.296145	0.665418	-1.50282	0.103658	0.512125	-1.95265	0.000354441	0.115685	-8.64414
cg18312429	SLC10A2;SLC10A2	0.00388756	0.00595599	0.353712	-2.82716	0.00163643	0.271536	-3.68275	0.00464423	0.336828	-2.96887	0.0168866	0.430686	-2.32188	0.00161867	0.270898	-3.69143
cg23493704	SLC10A3;SLC10A3;SLC10A3	0.00174837	0.540869	1.2923	1.2923	0.577539	1.26247	1.26247	0.514742	1.31475	1.31475	0.138833	1.93473	1.93473	0.000601111	0.111657	-8.95602
cg21109542	SLC10A3;SLC10A3;SLC10A3	0.0475173	0.202764	0.510288	-1.95968	0.145443	0.457425	-2.18615	0.566338	0.748242	-1.33647	0.0202505	4.058	4.058	0.494432	1.41504	1.41504
cg03852670	SLC10A4	0.00101043	0.00056597	0.142686	-7.0084	0.0140848	0.331344	-3.01801	0.0211113	0.363925	-2.74782	0.0601101	0.461644	-2.16617	0.000111141	0.083938	-11.9135
cg02419920	SLC10A4	0.0033452	0.014011	0.319803	-3.12693	0.00341353	0.22422	-4.45991	0.00349231	0.225573	-4.43316	0.00603806	0.259819	-3.84883	0.0762277	0.476505	-2.09862
cg19123916	SLC10A4	0.0077773	0.00698835	0.249571	-4.00687	0.963774	0.982092	-1.01823	0.047784	0.406389	-2.4607	0.458327	0.740484	-1.35047	0.00230384	0.183674	-5.44443
cg19283196	SLC10A4	0.0128896	0.010658	0.592866	-1.68672	0.0790392	0.727947	-1.37373	0.891825	1.0224	1.0224	0.0698925	0.718904	-1.39101	0.00852832	0.57894	-1.72729
cg13958974	SLC10A4	0.013455	0.0347415	4.00327	4.00327	0.347391	0.579683	-1.72508	0.338244	0.573303	-1.74428	0.272689	0.525503	-1.90294	0.0103623	6.17017	6.17017
cg04098339	SLC10A4	0.0134596	0.0307302	4.68372	4.68372	0.977921	0.983303	-1.01698	0.434095	0.615311	-1.62519	0.317747	0.533469	-1.87452	0.0291551	4.77828	4.77828
cg00967552	SLC10A4	0.0166979	0.0275403	4.04609	4.04609	0.460326	0.668222	-1.49651	0.426818	0.64717	-1.54519	0.588929	0.746323	-1.3399	0.0227745	4.31318	4.31318
cg05021846	SLC10A4	0.0316585	0.00287712	0.596396	-1.67674	0.0338438	0.731722	-1.36664	0.452883	0.908097	-1.1012	0.273819	1.15438	1.15438	0.037029	0.736905	-1.35703
cg19247841	SLC10A4	0.0329982	0.0471863	0.719552	-1.38975	0.448252	0.894041	-1.11852	0.0852873	0.759036	-1.31746	0.517272	0.909238	-1.09982	0.0084639	0.614359	-1.62771
cg18074184	SLC10A4	0.0435061	0.506288	0.808176	-1.23735	0.337006	0.731525	-1.36701	0.0447962	0.483146	-2.06977	0.57458	0.836008	-1.19616	0.0726291	0.531233	-1.88241
cg19065831	SLC10A4	0.0471878	0.812729	1.05332	1.05332	0.480721	1.16988	1.16988	0.057249	1.60134	1.60134	0.0754135	1.54231	1.54231	0.810868	0.948875	-1.05388
cg13154880	SLC10A4	0.0478884	0.0869154	3.64149	3.64149	0.485956	0.616331	-1.62251	0.36363	0.52823	-1.89311	0.888535	0.908585	-1.10061	0.0186235	7.02839	7.02839
cg23543123	SLC10A4;SLC10A4	0.00387343	0.000227996	0.379047	-2.6382	0.147152	0.781614	-1.2794	0.0460155	0.696166	-1.43644	0.966116	1.00675	1.00675	0.585282	0.916425	-1.0912
cg26164767	SLC10A5	0.00486294	0.0165687	0.595111	-1.68036	0.00168214	0.451014	-2.21722	0.0174929	0.598765	-1.6701	0.79016	0.953806	-1.04843	0.0192857	0.60537	-1.65188
cg02573176	SLC10A5	0.0236946	0.00502696	0.510317	-1.95957	0.0445666	0.658281	-1.51911	0.0866313	0.70957	-1.4093	0.0117769	0.565367	-1.76876	0.0692657	0.691811	-1.44548
cg18860310	SLC10A6	0.0146854	0.0346542	0.347796	-2.87525	0.428453	0.707048	-1.41433	0.0241944	0.315867	-3.16589	0.00990295	0.247255	-4.04441	0.00358902	0.184307	-5.42572
cg13119182	SLC10A6	0.0226517	0.467434	0.689283	-1.45078	0.991502	1.00537	1.00537	0.314685	0.5926	-1.68748	0.016142	0.227357	-4.39837	0.00356365	0.137086	-7.2947
cg15881238	SLC10A6	0.0282918	0.43989	0.745837	-1.34078	0.159966	1.74879	1.74879	0.680628	1.16658	1.16658	0.0232638	0.364351	-2.7446	0.00557932	0.257921	-3.87716
cg05477920	SLC10A7	0.000892971	0.0336207	0.467586	-2.13864	0.00305377	0.288574	-3.46531	0.00151829	0.246884	-4.05048	0.0118494	0.381985	-2.61791	0.000490219	0.187728	-5.32686
cg05701706	SLC10A7	0.00119937	0.011144	0.34795	-2.87398	3.97E-05	0.0737626	-13.557	0.874049	0.948724	-1.05405	0.431655	1.30512	1.30512	0.00169448	0.225806	-4.42857
cg07724433	SLC10A7;SLC10A7	3.71E-05	0.0552841	1.21875	1.21875	1.51E-05	2.26271	2.26271	6.07E-06	2.51665	2.51665	0.0451709	1.23275	1.23275	0.784579	1.02526	1.02526
cg23092358	SLC10A7;SLC10A7	0.000826583	0.00890197	0.218328	-4.58026	0.204649	0.585964	-1.70659	0.000360289	0.04351	-22.9832	0.00142326	0.0972463	-10.2832	0.884844	0.945668	-1.05745
cg24688977	SLC10A7;SLC10A7	0.000857002	0.730051	1.02565	1.02565	0.00464093	1.31694	1.31694	0.311038	1.07964	1.07964	0.786771	0.980372	-1.02002	0.0134682	1.25066	1.25066
cg11313951	SLC10A7;SLC10A7	0.00219117	0.00187355	0.384172	-2.603	0.000304625	0.280058	-3.57068	0.00112208	0.353274	-2.83067	0.01148	0.503606	-1.98568	0.0262837	0.56458	-1.77123
cg12286917	SLC10A7;SLC10A7	0.00309312	0.212636	1.14466	1.14466	9.14E-05	0.48702	-2.0533	0.305054	1.11551	1.11551	0.401884	1.09232	1.09232	0.537179	1.06642	1.06642
cg23802935	SLC10A7;SLC10A7	0.00406723	0.0318338	1.76412	1.76412	0.00200657	0.3739	-2.67451	0.00157253	0.358975	-2.78571	0.052577	1.64423	1.64423	0.436776	1.19602	1.19602
cg04529955	SLC10A7;SLC10A7	0.00498131	0.349748	1.14904	1.14904	0.00870476	1.62017	1.62017	0.115932	1.2797	1.2797	0.427304	1.1241	1.1241	0.472888	0.899987	-1.11113
cg05417615	SLC10A7;SLC10A7	0.0351333	0.0158237	0.398279	-2.5108	0.592814	1.18306	1.18306	0.229106	0.674997	-1.48149	0.289376	1.40845	1.40845	0.911464	1.03525	1.03525
cg19931305	SLC10A7;SLC10A7	0.0373711	0.757275	1.1028	1.1028	0.753141	1.10471	1.10471	0.00843612	2.89141	2.89141	0.988076	1.00473	1.00473	0.750617	1.10588	1.10588
cg09617319	SLC11A1	0.00521368	0.0434232	0.501222	-1.99512	0.768478	1.09175	1.09175	0.00537922	0.336266	-2.97384	0.172034	1.54082	1.54082	0.000370676	0.18372	-5.44307
cg23158663	SLC11A1	0.00590676	0.548461	1.05836	1.05836	0.302886	0.905124	-1.10482	0.670335	1.04081	1.04081	0.859732	1.01666	1.01666	0.0116483	0.744901	-1.34246
cg15099037	SLC11A1	0.00756426	0.0383914	0.51781	-1.93121	0.243379	1.39775	1.39775	0.00824267	0.395754	-2.52682	0.00624283	0.376155	-2.65848	0.00292773	0.325876	-3.06865
cg11378979	SLC11A1	0.00783983	0.0146129	0.312668	-3.19828	0.276968	0.645854	-1.54834	0.00425194	0.227807	-4.38968	0.0171381	0.325208	-3.07496	0.00152768	0.171371	-5.83528
cg18329052	SLC11A1	0.0179595	0.0950306	0.659571	-1.51614	0.0645976	0.62442	-1.60149	0.00139653	0.349832	-2.85852	0.0184282	0.522764	-1.91291	0.0928834	0.657423	-1.52109
cg23212579	SLC11A1	0.0252541	0.0245354	0.323613	-3.09011	0.0466481	0.383076	-2.61045	0.118023	0.489252	-2.04394	0.39073	0.690452	-1.44833	0.00120331	0.13564	-7.37243
cg07015784	SLC11A1	0.0428479	0.148273	0.532599	-1.87759	0.0328437	0.362723	-2.75693	0.00346052	0.19939	-5.01531	0.256673	0.618189	-1.61763	0.0336275	0.364895	-2.74052
cg16926316	SLC11A1	0.0442409	0.780904	0.959679	-1.04202	0.691422	0.942811	-1.06066	0.239173	0.833645	-1.19955	0.964172	1.00665	1.00665	0.0194966	0.659178	-1.51704
cg18854666	SLC11A1;SLC11A1	0.0299123	0.0910228	0.41567	-2.40575	0.07544	0.393246	-2.54294	0.0680205	0.381453	-2.62155	0.0884469	0.412151	-2.4263	0.0050694	0.174249	-5.7389
cg21574681	SLC11A2	3.54E-05	0.144564	0.772405	-1.29466	2.01E-05	0.241359	-4.14321	2.35E-05	0.248615	-4.02229	0.353695	0.854494	-1.17028	0.00021343	0.360901	-2.77085
cg01043320	SLC11A2	0.000176087	0.847435	1.04813	1.04813	2.28E-06	16.7105	16.7105	0.193723	1.39883	1.39883	0.611607	1.13313	1.13313	0.472494	1.19525	1.19525
cg03403662	SLC11A2	0.000438411	0.853485	1.01339	1.01339	9.31E-06	1.99105	1.99105	0.489112	1.05185	1.05185	0.0134827	1.24612	1.24612	0.21932	0.911258	-1.09738
cg26360533	SLC11A2	0.00941001	0.168742	0.83193	-1.20202	0.000340229	2.06307	2.06307	0.281426	1.15081	1.15081	0.685319	1.05245	1.05245	0.33163	0.881892	-1.13393
cg14229516	SLC12A1	5.16E-06	0.592065	1.0561	1.0561	2.43E-06	0.315147	-3.17312	3.58E-07	0.227367	-4.39817	9.10E-05	0.493749	-2.02532	4.40E-05	0.457689	-2.18489
cg10616694	SLC12A1	0.00123149	0.826717	0.958565	-1.04323	0.00881654	0.525363	-1.90344	0.00642034	0.504427	-1.98245	0.0629723	0.667813	-1.49742	0.000138501	0.28048	-3.56532
cg14167964	SLC12A1	0.00147309	0.620158	1.15302	1.15302	0.693655	0.893307	-1.11944	0.514645	0.828353	-1.20722	0.0146102	0.424439	-2.35605	0.0705045	0.562098	-1.77905
cg26317549	SLC12A1	0.00222063	0.848404	0.949904	-1.05274	0.174728	0.678636	-1.47354	0.0467812	0.542621	-1.84291	0.027503	0.496504	-2.01408	0.0499781	0.548635	-1.82271
cg13676672	SLC12A2	0.000132787	2.54E-06	0.0581782	-17.1886	0.00203305	0.336953	-2.96777	0.0363033	1.83788	1.83788	0.0448357	1.77857	1.77857	0.525496	0.8514	-1.17454
cg19637461	SLC12A2	0.00388576	0.0103706	0.441818	-2.26338	0.0324298	0.53067	-1.88441	0.0508038	0.569492	-1.75595	0.684659	0.90185	-1.10883	0.000507417	0.252967	-3.95308
cg23413193	SLC12A2;FLJ33630	0.00110538	0.00469094	0.626758	-1.59551	0.0851928	1.26691	1.26691	0.0174057	1.43323	1.43323	0.175137	1.19632	1.19632	0.451695	0.909084	-1.10001
cg21063030	SLC12A2;FLJ33630	0.0414466	0.225677	0.827672	-1.20821	0.0992282	0.764411	-1.3082	0.174314	0.806691	-1.23963	0.0150154	0.641205	-1.55956	0.0919269	0.758961	-1.31759
cg10423910	SLC12A2;FLJ33630	0.0453424	0.103567	0.815951	-1.22556	0.00709346	1.48805	1.48805	0.0331821	1.32908	1.32908	0.231167	0.866318	-1.15431	0.575849	1.06671	1.06671
cg02233558	SLC12A2;FLJ33630	0.0461013	0.00870017	0.78518	-1.27359	0.119051	1.13017	1.13017	0.796634	0.981493	-1.01886	0.196609	0.905965	-1.1038	0.73938	1.02444	1.02444
cg22438603	SLC12A2;FLJ33630	0.0468262	0.00653914	0.599138	-1.66907	0.0305776	1.44542	1.44542	0.46838	1.1129	1.1129	0.328219	1.15757	1.15757	0.103698	0.772599	-1.29433
cg17759354	SLC12A3;SLC12A3;SLC12A3	0.00450786	0.0155519	0.617552	-1.6193	0.0775864	1.37528	1.37528	0.0920922	0.739923	-1.35149	0.138781	0.771935	-1.29545	0.000682227	0.430402	-2.32341
cg01191774	SLC12A3;SLC12A3;SLC12A3	0.0132492	0.0222336	0.464523	-2.15275	0.249251	0.713969	-1.40062	0.00239235	0.306052	-3.26742	0.79802	1.07438	1.07438	0.0017791	0.288056	-3.47154
cg02751693	SLC12A3;SLC12A3;SLC12A3	0.0167332	0.432904	0.815921	-1.22561	0.966898	0.989507	-1.0106	0.00765123	0.418326	-2.39048	0.253428	0.738455	-1.35418	0.000730784	0.271132	-3.68824
cg04303879	SLC12A3;SLC12A3;SLC12A3	0.0332341	0.187607	0.593255	-1.68562	0.0700779	0.468982	-2.13228	0.0425453	0.417633	-2.39445	0.158115	0.56882	-1.75802	0.00507479	0.250306	-3.99511
cg03455024	SLC12A3;SLC12A3;SLC12A3	0.0335427	0.188784	0.649173	-1.54042	0.0452	0.490166	-2.04013	0.00213142	0.262044	-3.81615	0.105468	0.577615	-1.73126	0.0166303	0.403545	-2.47804
cg26973177	SLC12A3;SLC12A3;SLC12A3	0.0381684	0.0465716	0.602587	-1.65951	0.542055	0.871826	-1.14702	0.019198	0.532772	-1.87697	0.455288	0.844503	-1.18413	0.00215785	0.383986	-2.60426
cg03478448	SLC12A3;SLC12A3;SLC12A3	0.0421278	0.225122	0.748066	-1.33678	0.523819	1.15857	1.15857	0.40147	0.822303	-1.2161	0.0536852	0.607042	-1.64733	0.00165117	0.358382	-2.79032
cg06071083	SLC12A4;SLC12A4;SLC12A4	0.00725252	0.125108	0.812302	-1.23107	0.000842104	0.533241	-1.87532	0.126317	0.812928	-1.23012	0.150809	0.824636	-1.21266	0.453836	1.10026	1.10026
cg08877617	SLC12A4;SLC12A4;SLC12A4	0.0416862	0.0310421	0.459541	-2.17609	0.10722	0.582725	-1.71608	0.860946	0.947572	-1.05533	0.107478	1.71527	1.71527	0.169073	0.637622	-1.56833
cg03498383	SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.000504314	0.281608	0.874695	-1.14326	0.00340498	0.621108	-1.61003	0.0112161	0.683752	-1.46252	0.737938	0.960621	-1.04099	0.248195	0.865516	-1.15538
cg26912222	SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0369706	0.756784	0.942045	-1.06152	0.0900173	1.43203	1.43203	0.531529	0.885329	-1.12952	0.578057	0.897643	-1.11403	0.00481656	2.05193	2.05193
cg00420526	SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0447482	0.0290861	0.348784	-2.8671	0.420382	0.713829	-1.40089	0.08284	0.455423	-2.19576	0.605218	1.23805	1.23805	0.00363872	0.199679	-5.00803
cg04539111	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0018102	0.000574957	3.57672	3.57672	0.120068	1.49674	1.49674	0.242352	1.33993	1.33993	0.361638	1.25139	1.25139	0.0429104	0.572798	-1.74582
cg09117114	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.00338945	0.00258432	2.91819	2.91819	0.937737	0.980166	-1.02024	0.489701	0.835318	-1.19715	0.0159767	2.13071	2.13071	0.0157588	0.468274	-2.1355
cg26727032	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0057309	0.0433796	0.509071	-1.96436	0.00184157	0.276541	-3.61609	0.00882839	0.379518	-2.63492	0.18612	0.665398	-1.50286	0.00988558	0.387785	-2.57875
cg03400303	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0177651	0.771292	0.930848	-1.07429	0.00752188	0.429274	-2.32952	0.0150111	0.479487	-2.08556	0.336736	0.783874	-1.27572	0.330763	0.781355	-1.27983
cg06803257	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0298464	0.550449	0.864114	-1.15726	0.00189691	0.345056	-2.89808	0.297603	1.29829	1.29829	0.131345	1.48262	1.48262	0.0364421	0.555514	-1.80013
cg10544611	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0334411	0.61317	0.803809	-1.24408	0.0259562	0.322261	-3.10308	0.0140452	0.272794	-3.66577	0.758507	1.14123	1.14123	0.00339534	0.181569	-5.50754
cg27539214	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0472429	0.030457	2.73192	2.73192	0.237844	1.63003	1.63003	0.798473	0.903842	-1.10639	0.482436	1.3259	1.3259	0.0660594	0.442736	-2.25868
cg09595245	SLC12A5	0.000412145	0.116465	0.640144	-1.56215	0.0290913	0.510386	-1.9593	0.00263959	0.336831	-2.96885	0.512045	0.840384	-1.18993	0.0121754	0.441745	-2.26375
cg12832857	SLC12A5	0.000515182	0.0513749	0.671057	-1.49019	0.407934	0.858801	-1.16441	0.273468	1.22745	1.22745	0.124597	0.741557	-1.34851	0.00130239	0.430809	-2.32121
cg04539957	SLC12A5	0.00257596	0.0203663	0.486104	-2.05717	0.000150253	0.186497	-5.36201	0.0388732	0.539573	-1.85332	0.168695	0.684968	-1.45992	0.00819414	2.39361	2.39361
cg23274660	SLC12A5	0.00898946	0.0111717	0.166148	-6.01874	0.0082665	0.148652	-6.72713	0.00477184	0.120677	-8.28656	0.780906	1.17043	1.17043	0.0796323	0.333533	-2.9982
cg01160557	SLC12A5	0.0134359	0.0442514	2.4994	2.4994	0.00516132	4.32282	4.32282	0.278789	1.56266	1.56266	0.00736403	3.9318	3.9318	0.0327024	0.37135	-2.69288
cg17920479	SLC12A5	0.0289261	0.409085	0.879805	-1.13662	0.421413	0.882877	-1.13266	0.0429611	0.702376	-1.42374	0.547987	0.911916	-1.09659	0.171508	1.24707	1.24707
cg09015232	SLC12A5;SLC12A5	0.000374961	4.73E-05	0.141817	-7.05132	0.000149535	0.190338	-5.25382	0.272167	1.33791	1.33791	0.159025	1.46722	1.46722	0.0879228	0.61899	-1.61553
cg00678890	SLC12A5;SLC12A5	0.000557997	0.838389	1.04841	1.04841	0.140578	0.692813	-1.44339	0.0650648	1.61536	1.61536	0.414006	0.824213	-1.21328	0.753185	1.07576	1.07576
cg00485748	SLC12A5;SLC12A5	0.0024305	0.00456612	0.100966	-9.90433	0.00331406	0.0881898	-11.3392	0.404786	0.595995	-1.67787	0.568108	0.704483	-1.41948	0.00196909	0.0702701	-14.2308
cg11301556	SLC12A5;SLC12A5	0.0108338	0.540589	1.26603	1.26603	0.70364	1.15665	1.15665	0.00209041	5.20042	5.20042	0.0898013	2.03821	2.03821	0.042445	0.410744	-2.43461
cg06001997	SLC12A5;SLC12A5	0.0124237	0.00739711	0.25606	-3.90534	0.946417	0.973814	-1.02689	0.160679	1.80685	1.80685	0.0493737	2.42413	2.42413	0.127114	1.91816	1.91816
cg20003638	SLC12A5;SLC12A5	0.0149117	0.0493366	6.5841	6.5841	0.00678238	19.061	19.061	0.0431181	7.06347	7.06347	0.12725	3.99691	3.99691	0.0285365	8.76584	8.76584
cg26828689	SLC12A5;SLC12A5	0.0236509	0.0230266	0.400275	-2.49828	0.0490805	2.13114	2.13114	0.931025	0.971264	-1.02959	0.0766939	1.94084	1.94084	0.0669474	1.99705	1.99705
cg19569865	SLC12A5;SLC12A5	0.026817	0.70268	1.05336	1.05336	0.293739	0.862749	-1.15909	0.236239	0.845152	-1.18322	0.12863	0.800418	-1.24935	0.806219	1.03388	1.03388
cg12458970	SLC12A5;SLC12A5	0.0288156	0.0215295	0.156284	-6.39859	0.0120194	0.121719	-8.21563	0.00898866	0.10717	-9.33094	0.79849	0.841987	-1.18767	0.0352186	0.192243	-5.20175
cg00629625	SLC12A5;SLC12A5	0.0297896	0.249071	2.09779	2.09779	0.383225	0.577014	-1.73306	0.296659	0.51405	-1.94534	0.514985	0.666293	-1.50084	0.0270435	0.19993	-5.00176
cg01864178	SLC12A5;SLC12A5	0.0365012	0.0571986	0.340119	-2.94015	0.0547925	0.335598	-2.97976	0.321529	0.598481	-1.6709	0.969269	1.0195	1.0195	0.0961839	0.400225	-2.49859
cg11155865	SLC12A5;SLC12A5	0.0493479	0.263446	0.571832	-1.74876	0.193435	0.516977	-1.93432	0.00678615	5.37614	5.37614	0.754016	1.16265	1.16265	0.185038	0.509717	-1.96187
cg22752533	SLC12A5;SLC12A5;SLC12A5	0.02731	0.468496	1.28962	1.28962	0.757238	1.11285	1.11285	0.546947	1.23392	1.23392	0.10927	1.82611	1.82611	0.165856	0.600744	-1.6646
cg01053714	SLC12A6	0.0460023	0.0341906	0.297294	-3.36367	0.0883674	0.397369	-2.51656	0.741612	0.85009	-1.17635	0.217372	0.528861	-1.89086	0.0138385	0.224672	-4.45092
cg02695698	SLC12A6;SLC12A6;SLC12A6	0.00108473	0.311669	0.835347	-1.19711	0.277164	0.823438	-1.21442	0.00262753	0.488792	-2.04586	0.0013995	2.21558	2.21558	0.00061291	0.403736	-2.47686
cg16896009	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.00766658	0.00676873	0.539719	-1.85282	0.287526	0.823639	-1.21412	0.0437181	0.665413	-1.50283	0.0064691	0.536851	-1.86271	0.0977352	0.726723	-1.37604
cg11293029	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.0102056	0.777309	1.09112	1.09112	0.944442	1.02167	1.02167	0.736729	1.10935	1.10935	0.059303	1.92478	1.92478	0.00495507	0.318429	-3.14042
cg12487497	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.0179648	0.0669292	2.82712	2.82712	0.453578	1.45175	1.45175	0.00572636	0.142108	-7.03693	?	?	?	?	?	?

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10671066	0.0572377	0.312371	-3.20132	0.00197472	0.0939777	-10.6408	0.00347777	0.117052	-8.5432	0.0136829	0.192181	-5.20342	7.67544	35.5677	4.11907	1
cg21829783	0.714706	0.890568	-1.12288	0.286218	0.704954	-1.41853	0.0122642	0.373512	-2.67729	0.00096121	0.211773	-4.72203	5.36273	8.46402	1.40294	1
cg04244970	0.000335824	0.417149	-2.39722	2.49E-07	0.0977273	-10.2326	0.00752715	0.594525	-1.68202	0.00015069	0.373913	-2.67442	45.7493	16.5635	0.321822	1
cg23844325	0.801122	0.945783	-1.05732	7.34E-06	0.11276	-8.86837	3.07E-05	0.165694	-6.03521	0.00314319	0.410024	-2.43888	39.8073	30.7489	0.686617	1
cg04345766	0.000418367	0.385378	-2.59486	0.0480043	1.47001	1.47001	0.0307131	0.648812	-1.54128	0.0496247	0.682663	-1.46485	13.5921	6.25392	0.40899	1
cg07837085	0.0166976	0.364888	-2.74057	0.00755065	0.305445	-3.27392	0.0377846	0.435506	-2.29618	0.0145648	0.354066	-2.82433	8.62007	16.2542	1.67611	1
cg15680798	0.0559779	0.398372	-2.51021	0.769646	0.882642	-1.13296	0.275151	0.617137	-1.62038	0.334085	0.654732	-1.52734	4.31814	12.3602	2.54435	1
cg06764092	0.475943	1.12845	1.12845	0.00394394	1.90887	1.90887	0.551393	0.904413	-1.10569	0.0275754	0.647676	-1.54398	8.47913	3.73239	0.391276	1
cg21301505	0.51718	0.881534	-1.13439	0.167111	1.32683	1.32683	0.179784	0.760667	-1.31464	0.007282	0.514478	-1.94372	4.86046	2.83812	0.51904	1
cg10816369	0.48928	0.879549	-1.13695	0.000220232	0.324695	-3.07982	0.657415	0.921682	-1.08497	0.000144654	0.302431	-3.30654	11.9589	6.3236	0.470023	1
cg21817012	0.00777898	0.177535	-5.63269	0.000876581	0.0801537	-12.476	0.018852	0.23718	-4.21621	0.00344349	0.134059	-7.4594	7.03561	28.5094	3.60192	1
cg21022868	0.0235312	0.287147	-3.48254	0.00515094	0.18192	-5.49693	0.0624076	0.380032	-2.63136	0.0532723	0.363175	-2.7535	4.40017	14.8295	2.99574	1
cg18913171	0.635874	0.930282	-1.07494	0.118684	1.29257	1.29257	0.0382492	0.694983	-1.43888	0.068406	0.734084	-1.36224	4.39666	1.59864	0.323203	1
cg26417912	0.145075	0.508645	-1.96601	0.0143671	0.271535	-3.68276	0.0228805	0.308479	-3.24171	0.253301	0.597263	-1.67431	4.04739	11.9623	2.62716	1
cg14822966	0.0252242	0.426944	-2.34223	0.00213928	0.251736	-3.97241	0.0722117	0.526403	-1.89968	0.00543221	0.310391	-3.22174	7.31869	11.8552	1.43987	1
cg06888387	0.886581	1.05927	1.05927	0.00412115	0.211778	-4.72192	0.0968586	2.086	2.086	0.495499	0.75638	-1.32209	7.06015	18.1993	2.29134	1
cg12104108	0.173755	0.776722	-1.28746	0.156793	0.767655	-1.30267	0.205823	1.2624	1.2624	0.0356535	0.652517	-1.53253	5.76926	2.78536	0.429149	1
cg21441505	0.17966	0.697685	-1.43331	0.00022531	0.212284	-4.71068	0.412633	0.809304	-1.23563	0.578072	0.867686	-1.15249	5.18194	5.23649	0.898246	1
cg09964575	0.149559	0.644231	-1.55224	0.310101	1.34835	1.34835	0.00113545	3.90571	3.90571	0.752584	1.09417	1.09417	5.04254	6.46713	1.14001	1
cg12524748	0.00783346	0.663461	-1.50725	0.00803717	0.664818	-1.50417	0.282077	1.14383	1.14383	0.342103	1.12488	1.12488	3.72372	0.852372	0.20347	1
cg00003091	0.221599	0.695911	-1.43696	0.0165376	0.437704	-2.28465	0.0676434	0.561196	-1.78191	0.0663099	0.559236	-1.78816	3.63391	4.58279	1.12099	1
cg03449631	0.503022	1.03742	1.03742	0.00399652	0.811309	-1.23258	0.000386373	0.736363	-1.35803	0.00751809	0.83033	-1.20434	11.6797	0.540398	0.0411271	1
cg05633152	6.87E-07	0.196915	-5.07832	0.000417647	1.96216	1.96216	0.844618	0.976641	-1.02392	0.00250763	0.603098	-1.65811	70.5226	16.2059	0.204264	1
cg24053811	0.0798285	1.38462	1.38462	1.82E-05	0.231419	-4.32117	0.788391	0.955962	-1.04607	0.512705	0.894805	-1.11756	13.0276	5.78288	0.394572	1
cg01448863	7.36E-05	0.237577	-4.20916	0.241771	0.783229	-1.27677	0.908495	0.977333	-1.02319	0.0115086	0.532431	-1.87818	13.0255	8.20352	0.559827	1
cg14059534	0.117307	1.27054	1.27054	0.00496421	1.68798	1.68798	0.728146	1.05034	1.05034	5.38E-05	0.346465	-2.8863	10.3377	3.24363	0.278904	1
cg20482113	0.205215	0.840493	-1.18978	0.00727572	1.56841	1.56841	0.173307	1.20728	1.20728	0.713344	0.953163	-1.04914	5.12023	1.37062	0.237945	1
cg03054387	0.0039777	0.243658	-4.10412	0.959192	1.01883	1.01883	0.224959	0.62828	-1.59165	0.08972	0.50553	-1.97812	4.31959	9.09741	1.87207	1
cg21088438	0.0108994	0.187766	-5.32577	0.572029	0.741694	-1.34827	0.517801	0.709543	-1.40936	0.15297	0.448905	-2.22764	3.44794	14.955	3.85544	1
cg22971191	0.169161	0.563465	-1.77473	0.00336633	0.20971	-4.76849	0.0113485	0.288985	-3.46039	0.122147	0.518861	-1.9273	6.06495	14.7318	2.15911	1
cg14479139	0.0430561	1.9396	1.9396	0.0743001	1.76111	1.76111	0.741106	0.90996	-1.09895	0.219639	1.44388	1.44388	5.82927	7.47699	1.14015	1
cg09125550	0.645755	0.840263	-1.1901	0.0193449	0.345229	-2.89662	0.785746	1.10789	1.10789	0.262033	0.644185	-1.55235	5.02569	11.2542	1.99052	1
cg18312429	0.0476338	0.519615	-1.9245	0.00158308	0.2696	-3.7092	0.447927	0.799691	-1.25048	0.230794	0.695368	-1.43809	7.92022	10.4778	1.17593	1
cg23493704	0.033389	0.357086	-2.80045	0.000600326	0.111607	-8.95998	0.773331	1.12707	1.12707	0.00146135	0.149034	-6.70986	10.026	27.2454	2.41553	1
cg21109542	0.00492582	0.155102	-6.44737	0.708474	1.20675	1.20675	0.646947	0.793953	-1.25952	0.804581	0.883349	-1.13206	3.45413	13.6949	3.52426	1
cg03852670	0.0216547	0.366057	-2.73182	0.000447459	0.13287	-7.52614	0.00575223	0.267339	-3.74057	0.00908933	0.298744	-3.34735	11.7319	24.685	1.8703	1
cg02419920	0.00107095	0.162662	-6.14771	0.0263163	0.371559	-2.69136	0.00314444	0.219399	-4.5579	0.00333049	0.222766	-4.48901	8.28508	18.5283	1.98786	1
cg19123916	0.005527	0.234386	-4.26646	0.00374021	0.210645	-4.74733	0.285678	0.643282	-1.55453	0.00701491	0.249823	-4.00284	6.4007	16.0467	2.22847	1
cg19283196	0.0805908	0.729389	-1.37101	0.00189874	0.488441	-2.04733	0.0224679	0.640713	-1.56076	0.0123675	0.602247	-1.66045	5.4453	2.28657	0.37326	1
cg13958974	0.32089	1.78246	1.78246	0.00625036	7.45011	7.45011	0.00819405	6.72976	6.72976	0.325287	0.564158	-1.77255	5.36939	27.0091	4.47128	1
cg04098339	0.143361	2.60337	2.60337	0.00357808	11.0322	11.0322	0.0040035	10.5191	10.5191	0.389999	0.585109	-1.70908	5.36879	31.4782	5.21171	1
cg00967552	0.314368	1.74718	1.74718	0.00400946	7.9538	7.9538	0.0104698	5.62994	5.62994	0.233965	0.512131	-1.95263	4.99935	22.7737	4.04919	1
cg05021846	0.838628	0.97462	-1.02604	0.0499079	0.754334	-1.32567	0.58097	1.07281	1.07281	0.132185	0.814775	-1.22733	4.00923	1.00922	0.223754	1
cg19247841	0.211819	0.826451	-1.20999	0.00223064	0.537588	-1.86016	0.731888	1.0511	1.0511	0.99702	0.999459	-1.00054	3.95013	1.31397	0.29568	1
cg18074184	0.0384192	0.468805	-2.13308	0.00266808	0.26934	-3.71278	0.0335056	0.456364	-2.19123	0.0687908	0.525584	-1.90264	3.57026	5.64004	1.4042	1
cg19065831	0.166745	1.38086	1.38086	0.00400411	0.428881	-2.33165	0.609501	0.893359	-1.11937	0.853143	1.0414	1.0414	3.46321	2.62815	0.674559	1
cg13154880	0.221671	2.40633	2.40633	0.0120434	8.50456	8.50456	0.0403068	5.04997	5.04997	0.468432	0.603936	-1.65581	3.444	25.4896	6.5788	1
cg23543123	0.0455561	0.695479	-1.43786	0.00978377	1.67759	1.67759	0.240003	0.822951	-1.21514	0.16594	1.26364	1.26364	7.9289	3.15018	0.353159	1
cg26164767	0.00693675	0.538195	-1.85806	0.000566709	0.387854	-2.57829	0.0591572	0.68535	-1.45911	0.0408682	0.657994	-1.51977	7.40108	3.68611	0.442711	1
cg02573176	0.145709	0.753393	-1.32733	0.301203	0.823504	-1.21432	0.560939	0.898903	-1.11247	0.00326364	0.483351	-2.06889	4.43902	2.31039	0.462642	1
cg18860310	0.0328572	0.342884	-2.91643	0.00752808	0.228828	-4.37009	0.681126	1.19385	1.19385	0.0319449	0.340313	-2.93847	5.2171	15.1943	2.58879	1
cg13119182	0.170883	0.480078	-2.083	0.00306124	0.1299	-7.6982	0.215817	0.519154	-1.92621	0.0353089	0.291251	-3.43346	4.50849	18.0836	3.56534	1
cg15881238	0.946071	1.0255	1.0255	0.0321622	0.39291	-2.54511	0.127322	0.541274	-1.84749	0.0255857	0.372543	-2.68426	4.17251	9.15835	1.95105	1
cg05477920	0.0223669	0.432443	-2.31244	0.00022057	0.151789	-6.58808	0.259356	0.697379	-1.43394	0.000372185	0.174797	-5.72093	12.1496	18.0538	1.32085	1
cg05701706	0.15075	0.599903	-1.66694	0.00400543	0.277154	-3.60811	0.059386	0.493537	-2.02619	0.326262	0.714409	-1.39976	11.1735	19.4831	1.54995	1
cg07724433	0.00427129	1.41633	1.41633	0.00218718	0.676211	-1.47883	0.013446	0.756803	-1.32135	0.124502	0.859471	-1.16351	28.7976	3.78124	0.116714	1
cg23092358	0.000116283	0.0188395	-53.08	?	?	?	0.519312	1.28913	1.28913	0.0277106	3.08431	3.08431	29.9314	57.414	1.19887	1
cg24688977	0.0616538	0.857364	-1.16637	2.76E-05	1.82939	1.82939	0.390913	0.937751	-1.06638	0.128408	0.886785	-1.12767	12.2914	1.04055	0.0752507	1
cg11313951	0.003081	0.415307	-2.40786	0.019686	0.542741	-1.8425	0.0501305	0.616027	-1.62331	0.0186801	0.538846	-1.85582	9.38832	6.99609	0.662391	1
cg12286917	0.136313	1.17963	1.17963	0.0558904	1.24972	1.24972	0.0754232	0.815692	-1.22595	0.474505	1.07773	1.07773	8.48077	1.42285	0.149133	1
cg23802935	0.0863569	0.65214	-1.53341	0.914384	0.976026	-1.02456	0.243488	0.759297	-1.31701	0.0202265	0.531612	-1.88107	7.81312	6.30004	0.716748	1
cg04529955	0.000379556	0.440682	-2.26921	0.227453	0.832872	-1.20066	0.520066	1.09868	1.09868	0.0391527	1.41132	1.41132	7.34699	2.42409	0.293284	1
cg05417615	0.166203	1.58373	1.58373	0.605295	0.850137	-1.17628	0.0032421	0.286387	-3.49178	0.241559	0.682658	-1.46486	3.86182	5.932	1.36539	1
cg19931305	0.0367476	0.464932	-2.15085	0.0393435	2.12223	2.12223	0.0611579	0.51377	-1.9464	0.297802	0.711291	-1.4059	3.77609	5.95833	1.40258	1
cg09617319	0.24657	1.43381	1.43381	0.0969522	0.581708	-1.71908	0.0256113	0.454493	-2.20026	0.310151	0.731758	-1.36657	7.24532	10.1479	1.24499	1
cg23158663	0.000712782	0.617887	-1.61842	0.271395	1.11288	1.11288	0.630611	1.0463	1.0463	0.00507235	1.41348	1.41348	6.97277	0.963499	0.122827	1
cg15099037	0.105795	0.615907	-1.62362	0.00229873	0.310723	-3.2183	0.604946	0.866619	-1.15391	0.143404	0.649641	-1.53931	6.45672	7.69543	1.05942	1
cg11378979	0.00257564	0.19875	-5.03145	0.0734937	0.462299	-2.1631	0.0317811	0.377908	-2.64615	0.0414907	0.402942	-2.48175	6.38462	15.1164	2.10456	1
cg18329052	0.134901	0.693751	-1.44144	0.653684	0.902623	-1.10788	0.0128792	0.496311	-2.01487	0.0118851	0.490506	-2.03871	4.87882	3.97666	0.724522	1
cg23212579	0.129377	0.501498	-1.99403	0.200865	0.56609	-1.7665	0.518622	0.759109	-1.31733	0.0122993	0.268968	-3.71791	4.34193	12.199	2.4974	1
cg07015784	0.0612257	0.424488	-2.35578	0.0278589	0.347893	-2.87445	0.1626	0.545747	-1.83235	0.079819	0.453976	-2.20276	3.59058	9.38512	2.32339	1
cg16926316	0.906675	0.982838	-1.01746	0.00490346	1.73371	1.73371	0.273646	0.845225	-1.18312	0.116212	0.777257	-1.28658	3.54803	1.2243	0.306725	1
cg18854666	0.0624879	0.372072	-2.68765	0.00673252	0.190728	-5.24306	0.0161652	0.249681	-4.00511	0.0857406	0.408379	-2.4487	4.09108	14.4087	3.13065	1
cg21574681	6.93E-06	0.193743	-5.16147	0.0104142	0.58769	-1.70158	0.437767	1.13932	1.13932	0.000468233	0.40404	-2.475	29.1588	12.5405	0.382289	1
cg01043320	0.977511	1.0069	1.0069	0.00461338	0.398486	-2.5095	0.531305	0.856611	-1.16739	0.383139	1.24394	1.24394	19.0157	17.9409	0.838646	1
cg03403662	0.186484	1.106	1.106	0.0347316	0.837713	-1.19373	0.00631103	1.29161	1.29161	0.647186	0.967393	-1.03371	14.8203	1.21477	0.0728593	1
cg26360533	0.616106	0.938538	-1.06549	0.0386474	0.740427	-1.35057	0.312236	1.14016	1.14016	0.187345	1.19166	1.19166	6.02643	1.50281	0.221661	1
cg14229516	0.717254	0.963969	-1.03738	0.913436	0.989088	-1.01103	0.00264424	0.657208	-1.52159	0.362664	1.09901	1.09901	48.1415	7.76294	0.143336	1
cg10616694	0.00306203	0.457132	-2.18755	0.00379178	0.470572	-2.12507	0.0268043	1.65919	1.65919	0.628667	0.910228	-1.09863	11.0895	6.54344	0.524497	1
cg14167964	0.0472159	0.523556	-1.91002	1.90E-05	0.0838747	-11.9225	0.655358	1.13659	1.13659	0.128884	0.626451	-1.59629	10.5343	13.5508	1.14342	1
cg26317549	0.00059535	0.24087	-4.15162	7.59E-05	0.145572	-6.86947	0.465894	0.819315	-1.22053	0.0883477	0.60352	-1.65695	9.3517	10.6824	1.01537	1
cg13676672	0.359324	0.790037	-1.26576	0.137282	0.670179	-1.49214	0.179101	0.699858	-1.42886	0.189933	1.41503	1.41503	20.5193	20.3198	0.880248	1
cg19637461	0.00863603	0.428615	-2.3331	0.005883	0.401743	-2.48916	0.202244	1.40588	1.40588	0.00726733	0.416402	-2.40153	7.92132	8.03161	0.901265	1
cg23413193	0.000101099	0.424633	-2.35498	0.0813764	0.786512	-1.27144	0.0149224	0.689265	-1.45082	0.165595	1.20181	1.20181	11.4364	2.79899	0.21755	1
cg21063030	0.0858348	0.75412	-1.32605	0.00227681	0.530243	-1.88593	0.0482711	0.714983	-1.39863	0.255737	0.838309	-1.19288	3.63514	1.27221	0.31109	1
cg10423910	0.569552	0.936438	-1.06788	0.847898	0.978299	-1.02218	0.210611	1.16267	1.16267	0.103822	1.22535	1.22535	3.51553	0.726862	0.183784	1
cg02233558	0.287136	1.08323	1.08323	0.0289169	1.2048	1.2048	0.296253	0.924651	-1.08149	0.2396	1.09316	1.09316	3.4937	0.289501	0.0736567	1
cg22438603	0.8362	0.970429	-1.03047	0.367333	0.874357	-1.1437	0.869202	1.02418	1.02418	0.197516	1.21836	1.21836	3.47326	1.15639	0.295948	1
cg17759354	0.0187095	0.629459	-1.58867	?	?	?	0.00391966	0.532245	-1.87883	0.132468	0.768188	-1.30176	7.73747	2.8744	0.371492	1
cg01191774	0.190289	0.67837	-1.47412	0.0426418	0.520498	-1.92124	0.0204741	0.457816	-2.18428	0.476881	0.816806	-1.22428	5.39655	6.69003	1.10194	1
cg02751693	0.0194048	0.487489	-2.05133	0.383393	0.796752	-1.2551	0.565547	0.862725	-1.15912	0.625976	1.13299	1.13299	4.99583	5.11276	0.909694	1
cg04303879	0.0199943	0.35004	-2.85682	0.0193061	0.347153	-2.88058	0.0138946	0.320989	-3.11537	0.187494	0.593166	-1.68587	3.94003	8.7233	1.96802	1
cg03455024	0.618452	1.1686	1.1686	0.174492	0.638767	-1.56552	0.101995	0.573833	-1.74267	0.97997	1.00782	1.00782	3.92695	5.98887	1.35562	1
cg26973177	0.0657593	0.63199	-1.5823	0.0773595	0.646381	-1.54707	0.0576658	0.620622	-1.61129	0.326519	0.798419	-1.25247	3.74707	2.93112	0.695327	1
cg03478448	0.285141	1.2878	1.2878	0.611948	0.889982	-1.12362	0.606851	0.888469	-1.12553	0.0958274	0.659184	-1.51703	3.61325	2.97043	0.730749	1
cg06071083	0.00938787	0.662044	-1.51047	0.0539087	0.760309	-1.31525	0.0124973	0.677647	-1.4757	0.0630722	1.29928	1.29928	6.54234	1.6248	0.220758	1
cg08877617	0.264337	1.42952	1.42952	0.0238332	0.436778	-2.28949	0.0796049	0.550143	-1.81771	0.142945	1.62186	1.62186	3.62739	5.41965	1.32808	1
cg03498383	0.186137	0.845604	-1.18259	5.58E-06	0.293312	-3.40934	0.0824519	0.794418	-1.25878	0.0334537	0.742827	-1.34621	14.2565	3.23206	0.201518	1
cg26912222	0.658924	1.08912	1.08912	0.0114968	1.83594	1.83594	0.216323	1.28407	1.28407	0.192579	0.767182	-1.30347	3.79096	2.21744	0.519936	1
cg00420526	0.0781186	0.448627	-2.22902	0.171233	0.550695	-1.81589	0.131881	0.513766	-1.94641	0.032518	0.358868	-2.78654	3.53294	9.3833	2.36084	1
cg04539111	0.24066	1.34148	1.34148	0.000147315	4.7641	4.7641	0.0256042	1.88552	1.88552	0.021953	1.92962	1.92962	9.9255	8.99057	0.805161	1
cg09117114	0.0994792	1.58887	1.58887	0.30937	0.763558	-1.30966	0.000777867	3.68323	3.68323	0.0657166	1.69822	1.69822	8.25263	8.59471	0.925735	1
cg26727032	0.0128126	0.407221	-2.45567	0.000860423	0.233566	-4.28145	0.0926515	0.584057	-1.71216	0.011731	0.400535	-2.49666	7.03801	9.41395	1.18897	1
cg03400303	0.179655	1.41961	1.41961	0.0249102	0.51881	-1.92749	0.629975	0.887503	-1.12676	0.00289536	0.36538	-2.73687	4.89669	4.6876	0.850932	1
cg06803257	0.390005	1.23733	1.23733	0.266213	1.32323	1.32323	0.845426	0.953907	-1.04832	0.752594	0.926397	-1.07945	4.09429	3.79008	0.822845	1
cg10544611	0.786052	1.12362	1.12362	0.0406573	0.363303	-2.75252	0.919081	0.957401	-1.04449	0.20061	0.560399	-1.78444	3.93124	11.4264	2.58362	1
cg27539214	0.0792664	2.15945	2.15945	0.0165105	3.18161	3.18161	0.0324404	2.68977	2.68977	0.301116	1.52709	1.52709	3.46168	8.56059	2.19819	1
cg09595245	0.0303773	0.514004	-1.94551	1.11E-05	0.0868479	-11.5144	0.000224273	0.200774	-4.98072	0.0777689	0.598939	-1.66962	15.0753	16.3274	0.962716	1
cg12832857	0.761887	0.946817	-1.05617	1.29E-05	0.19263	-5.19129	0.00593209	0.523543	-1.91006	0.223844	1.25835	1.25835	14.1724	7.25866	0.455262	1
cg04539957	0.573294	1.15815	1.15815	0.0540428	0.568824	-1.75801	0.128953	0.654883	-1.52699	0.86627	1.04444	1.04444	8.95277	9.43807	0.937072	1
cg23274660	0.858685	1.10582	1.10582	0.00174993	0.080638	-12.4011	0.0149703	0.184805	-5.41111	0.228017	0.489594	-2.04251	6.11465	30.8512	4.48485	1
cg01160557	0.499279	0.761953	-1.31242	0.192488	1.72772	1.72772	0.0738294	2.20316	2.20316	0.0385236	2.5862	2.5862	5.37189	13.369	2.21217	1
cg17920479	0.961372	1.00737	1.00737	0.832624	0.968411	-1.03262	0.00129455	2.0359	2.0359	0.635903	0.93022	-1.07501	4.13996	1.50835	0.323858	1
cg09015232	0.0056901	2.51859	2.51859	0.539544	1.17139	1.17139	0.29986	0.760609	-1.31474	0.146804	0.672601	-1.48677	15.4733	15.8964	0.913196	1
cg00678890	1.21E-05	0.117607	-8.5029	0.926814	0.978955	-1.0215	0.0011317	0.329883	-3.03138	0.894216	1.03128	1.03128	13.8613	11.7665	0.754553	1
cg00485748	0.815392	1.15257	1.15257	0.000900275	0.0489725	-20.4196	0.0010332	0.0522821	-19.127	0.0188391	0.17775	-5.62589	9.10725	53.166	5.18913	1
cg11301556	0.165935	0.569746	-1.75517	0.0108453	0.29576	-3.38112	0.18638	1.70472	1.70472	0.217834	1.63824	1.63824	5.76069	13.2282	2.04115	1
cg06001997	0.0102102	3.59147	3.59147	0.0311146	0.368311	-2.7151	0.105838	0.497884	-2.0085	0.775793	1.11933	1.11933	5.51101	13.6037	2.19419	1
cg20003638	0.0319068	8.26735	8.26735	0.00101128	60.1956	60.1956	0.488479	1.8062	1.8062	0.0419583	7.16469	7.16469	5.19082	58.0227	9.93595	1
cg26828689	0.160682	1.65647	1.65647	0.0179632	0.379678	-2.63381	0.094825	1.85579	1.85579	0.752789	0.899047	-1.11229	4.44186	7.9801	1.59695	1
cg19569865	0.0234693	1.44323	1.44323	0.0301818	1.41273	1.41273	0.00670239	0.620838	-1.61073	0.457476	1.10801	1.10801	4.25179	1.23733	0.258678	1
cg12458970	0.692746	1.30603	1.30603	0.0121696	0.122378	-8.1714	0.793774	0.838512	-1.19259	0.258971	0.453046	-2.20728	4.14557	29.6747	6.36281	1
cg00629625	0.616632	0.733148	-1.36398	0.00122539	0.0545648	-18.3268	0.0695473	0.286979	-3.48458	0.0975945	0.326985	-3.05825	4.09705	24.5404	5.32425	1
cg01864178	0.133923	0.444749	-2.24846	0.00305792	0.130904	-7.6392	0.027615	0.271025	-3.6897	0.0205014	0.246756	-4.05259	3.80864	15.1558	3.53717	1
cg11155865	0.64519	1.24893	1.24893	0.191948	0.515705	-1.93909	0.0334267	3.29215	3.29215	0.813583	0.892927	-1.11991	3.40507	12.3956	3.23585	1
cg22752533	0.475717	0.778725	-1.28415	0.00673868	0.297773	-3.35826	0.00583315	3.47249	3.47249	0.686829	1.15	1.15	4.2247	7.95664	1.6741	1
cg01053714	0.158875	0.477518	-2.09416	0.00279665	0.132354	-7.55547	0.494036	0.711128	-1.40622	0.286018	0.580495	-1.72267	3.49652	13.3425	3.39194	1
cg02695698	0.0165503	0.604601	-1.65398	0.00143775	0.452931	-2.20784	0.413499	0.86615	-1.15453	0.0437057	0.671303	-1.48964	11.4979	5.38012	0.415931	1
cg16896009	0.00423121	0.510277	-1.95972	0.252452	0.810557	-1.23372	0.0574053	1.45882	1.45882	0.0958865	1.37895	1.37895	6.42958	3.14354	0.434594	1
cg11293029	0.0324704	2.15966	2.15966	0.0490587	1.99579	1.99579	0.00495626	3.14026	3.14026	0.0285423	2.21378	2.21378	5.87224	8.79736	1.33167	1
cg12487497	?	?	?	?	?	?	0.28609	0.580006	-1.72412	0.032052	0.274485	-3.64318	6.88792	13.5779	2.36552	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-537 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-563 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-563 vs. N)	F(Error)
cg00756808	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0192738	0.0448345	0.80679	-1.23948	1.45793	1.15673	1.15673	0.139918	1.1596	1.1596	0.294902	0.903683	-1.10658	0.549639	0.95116	-1.05135	0.0448455	1.23946	0.0917703	0.841071	-1.18896	0.0123706	1.33687	1.33687	0.0204654	1.29742	1.76394	0.655833	0.12237	1
cg18464823	C12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0238218	0.0374663	0.360039	-2.77747	0.0119912	0.265506	-3.7664	0.187408	0.553677	-1.80611	0.900387	1.05441	1.05441	0.021505	0.310844	-3.21705	0.728746	0.86303	-1.15871	0.0018706	0.154651	-6.46617	0.609626	0.804209	-1.24346	0.0548525	0.307979	-2.51269	4.43081	12.5631	2.52035	1
cg03541360	C12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0375939	0.900183	1.00322	1.00322	0.624398	1.12179	1.12179	0.365823	1.27524	1.27524	0.119547	0.701395	-1.42573	0.0246776	0.332337	-3.00899	0.0213094	0.484722	-2.06304	0.0514901	0.559048	-1.78875	0.190504	0.695739	-1.43732	0.358059	0.780384	0.08665	0.964083	1
cg25958098	C12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0097238	0.0416861	0.395949	-2.52558	0.582996	0.8035	-1.24456	0.047852	0.409561	-2.44164	0.243634	0.617936	-1.61829	0.003410033	0.102646	-9.74224	0.00578084	0.24007	-4.16545	0.104885	0.496945	-2.0123	0.683215	1.17574	1.17574	0.105976	0.49823	-2.0071	5.96305	14.7039	2.19185	1
cg12476968	C12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0149027	0.0515991	0.473826	-2.11048	0.858403	1.06205	1.06205	0.836451	1.07217	1.07217	0.619718	1.18371	1.18371	0.0375528	0.443323	-2.25569	0.383525	1.35155	1.35155	0.00286391	0.98775	1.98775	0.00747251	3.19343	3.19343	0.803829	0.921333	-1.08538	5.19185	9.34564	1.60005	1
cg26198823	C12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0274709	0.237148	0.710556	-1.40735	0.4880 31	0.823348	-1.21455	0.866268	1.0476	1.0476	0.97997	1.00695	1.00695	0.000483	0.220888	-4.52717	0.0936953	0.601338	-1.66296	0.532426	1.19061	1.19061	0.951279	1.017	1.017	0.882789	1.04154	1.04154	0.421599	5.08292	1.07167	1
cg25449207	C12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.031337	0.536887	0.773242	-1.29326	0.790542	0.896301	-1.1157	0.497305	0.75322	-1.32763	0.157636	0.537195	-1.86152	0.027308	0.34163	-2.92714	0.45566	0.731628	-1.36681	0.0396228	2.66074	2.66074	0.00472014	4.6827	4.6827	0.594609	0.801799	-1.24719	4.02388	10.7788	2.38107	1
cg26953075	C12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0491303	0.655045	0.903249	-1.10711	0.5816603	0.615994	-1.62339	0.010074	0.479588	-2.08512	0.146746	0.702976	-1.42252	0.0360805	0.576007	-1.73609	0.126682	0.687925	-1.45365	0.060299	1.61517	1.61517	0.269725	0.770993	-1.29703	0.290035	0.779977	-1.28209	3.40178	2.76609	0.720875	1
cg20918730	C12A6;SLC12A6;SLC12A6;SLC12A6	0.00453129	0.0963076	0.51507	-1.94148	0.937105	0.972136	-1.02866	0.359163	1.4036	1.4036	0.00066637	0.134987	-7.40811	0.556126	0.807721	-1.23805	0.0173763	0.342891	-2.91638	0.0175706	0.343831	-2.90841	0.000639858	0.133142	-7.51075	0.758038	1.11705	1.11705	8.79843	17.49	1.54611	1
cg05972654	SLC12A7	8.82E-05	0.818145	0.984917	-1.01531	0.05519656	1.27555	1.27555	3.84E-06	0.491297	-2.03543	0.131266	1.22502	1.22502	0.000194771	0.661262	-1.51226	0.845261	1.01298	1.01298	0.944882	0.885857	-1.12885	0.845723	0.987228	-1.01294	0.658257	1.02981	1.57868	0.0612978	1
cg25183683	SLC12A7	0.000268764	0.000168587	0.180578	-5.53776	0.927296	1.0247	1.0247	0.573434	0.858897	-1.16428	0.0339568	1.93848	1.93848	0.000427983	0.225222	-4.44006	0.0265872	0.495221	-2.0193	6.43E-05	0.140256	-7.12984	0.997665	1.00078	1.00078	0.000164163	0.299562	-3.33821	16.6228	18.8215	1.00646	1
cg09951201	SLC12A7	0.000471429	0.357265	0.789016	-1.26736	0.0105966	0.544808	-1.83562	0.425732	0.845153	-1.18355	0.0216832	0.351119	0.351119	0.00917239	0.0013125	-7.61992	0.000409289	0.247063	-4.04755	0.0434276	1.84787	1.84787	0.00147337	2.39997	2.39997	0.389002	0.802601	-1.24595	14.2253	0.873454	1
cg25970471	SLC12A7	0.000651506	0.213535	0.821352	-1.2175	0.00261025	0.534498	-1.87092	0.240089	1.202099	1.202099	7.99E-05	0.342846	-2.91676	0.06173 08	0.728953	-1.37183	0.0280155	1.476096	1.476096	0.01802064	1.94611	1.94611	0.838507	0.969804	-1.03114	0.13515	0.785065	-1.27378	13.275	4.74636	0.317814	1
cg24213775	SLC12A7	0.001396053	0.2183448	0.780988	-1.27067	0.156-05	0.2754708	-1.92067	0.0603283	0.675175	-1.47983	0.39121	1.57649	1.57649	0.00239442	0.0155968	2.89994	0.0208547	0.133864	-2.97374	0.0191078	0.708601	-1.41105	0.0753716	0.693317	-1.44234	0.10977	0.578887	0.491863	1.41	2.39	0.0.0	1
cg03443451	SLC12A7	0.00150911	0.385156	0.930367	-1.07485	0.916939	1.00849	1.00849	0.0134619	1.28149	1.28149	0.00114109	1.47375	1.47375	0.0387757	1.21408	1.21408	0.175032	1.12404	1.12404	0.000144883	1.69969	1.69969	0.184291	1.12094	1.12094	0.0185561	0.793404	-1.26039	10.4613	1.08879	0.0925138	1
cg04226648	SLC12A7	0.0018085	0.0090025	0.450133	-2.22157	0.667387	1.07195	1.07195	0.362439	1.16234	1.16234	0.0772704	1.37117	1.37117	0.00033638	0.394082	-2.53176	0.274238	0.832905	-1.20062	0.0134258	1.63556	1.63556	0.406236	1.14631	1.14631	0.365062	1.16133	1.16133	0.0.0	0.0.0	0.0.0	1
cg02039689	SLC12A7	0.000328355	0.894575	1.01466	1.01466	0.00283406	1.57099	1.57099	0.0003129	2.06913	2.06913	0.302613	1.12429	1.12429	0.0279998	0.0.0	2.79971	0.0.0	0.935803	-1.0686	0.960644	1.00543	1.00543	0.00607435	1.48175	1.48175	0.571096	0.9912	-1.00843	8.3312	1.58857	0.169598	1
cg23503101	SLC12A7	0.00437624	0.0739027	0.582912	-1.71553	0.0742851	0.583421	-1.71403	0.645051	0.881902	-1.13391	0.00179542	0.300153	-3.33164	0.00128271	0.280305	-3.56754	0.000804899	0.254062	-3.93604	0.650782	1.13142	1.13142	0.884039	0.96123	-1.04033	0.0275879	0.493691	-2.02556	7.64206	8.88484	1.03344	1
cg19524810	SLC12A7	0.00516524	0.352434	0.847639	-1.18009	0.703917	1.00817	1.00817	0.011956	0.580726	-1.7192	0.000901133	0.423933	-2.35886	0.0163661	0.637387	-1.57017	0.0422578	0.667542	-1.49883	0.0142625	1.68562	1.68562	0.134081	0.756458	-1.32195	0.132888	0.832316	1.20161	0.0.0	0.0.0	1
cg05639015	SLC12A7	0.00606358	0.141652	1.23148	1.23148	0.021874	1.43683	1.43683	0.00680944	0.630603	-1.58754	0.0808789	1.29051	1.29051	0.043754	0.736829	-1.35717	0.045491	1.03032	1.03032	0.0309472	1.70462	1.70462	0.0236412	1.42761	1.42761	0.276742	0.954826	-1.04735	0.916561	1.90164	0.244389	1
cg24886748	SLC12A7	0.00623041	0.935809	1.02253	1.02253	0.00802428	0.990739	-2.55926	0.181251	0.675266	-1.4809	0.782585	1.07953	1.07953	0.946994	0.981775	-1.01856	0.05917	0.554669	-1.80288	0.000145728	0.163868	-6.10248	0.970503	0.989823	-1.01028	0.614414	1.15088	1.15088	6.85881	8.31159	1.07743	1
cg06748231	SLC12A7	0.00438852	0.0418866	0.5	-1.99999	0.414123	1.07899	-1.1824	0.245767	0.672912	-1.22263	0.0413615	1.2791	1.2791	0.0.0	0.0.0	1.12518	0.466704	1.12518	0.0.0	0.483552	1.13401	1.13401	0.0.0	0.982448	-1.01782	0.108857	1.13581	1.13581	6.79414	9.2505	1.01	0.389055	1
cg00509649	SLC12A7	0.00642444	0.0106669	0.371192	-2.69402	0.043976	0.04503	0.04503	0.00990508	0.365704	-2.73445	0.121557	0.595597	-1.67899	0.0181777	0.412558	2.4239	0.0781918	0.546559	-1.82963	0.044463	0.309859	-3.22728	0.230671	1.47433	1.47433	0.0314182	0.392697	-2.54649	0.397907	10.2557	1.3418	1
cg03281154	SLC12A7	0.00703822	0.4894315	0.8	-1.25	0.5	1.57516	1.57516	0.0503132	0.732454	-1.36334	0.54211	0.850161	0.850161	0.0.0	0.0.0	1.17637	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg27665580	SLC12A7	0.00878926	0.00887592	0.361096	-2.76935	0.0308639	0.460528	-2.17142	0.222291	0.675497	-1.48039	0.00625615	0.336309	-2.97346	0.00294724	0.286878	3.48581	0.448819	0.78972	-1.26627	0.00117153	0.232926	-4.2932	0.0450756	0.494944	-2.02043	0.0266657	0.447835	-2.23297	6.38221	0.45616	1.31702	1
cg22172143	SLC12A7	0.00803521	0.0511286	0.563597	-1.77432	0.967078	0.985402	-1.01071	0.0112204	0.440337	-2.27099	0.0126489	0.449238	-2.22599	0.00644838	0.398529	-2.50923	0.0251025	0.502677	-1.98935	0.00010999	0.277969	-3.59752	0.76486	1.08051	1.08051	0.0442904	0.550774	-1.81563	0.635139	0.668699	0.938221	1
cg18655438	SLC12A7	0.00840976	0.12185	0.749668	-1.33396	0.0.0	0.0.0	-1.79405	0.0501598	0.789394	-1.35688	0.2218847	0.535557	0.535557	0.0.0	0.0.0	1.86839	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg14817040	SLC12A7	0.00966945	0.948394	0.989447	-1.01067	0.919798	1.01664	1.01664	0.698707	0.938241	-1.06582	0.389812	0.865513	-1.15538	0.15393	0.77866	-1.28426	0.499724	0.893786	-1.11884	0.00725022	1.76433	1.76433	0.0100399	1.70335	1.70335	0.00193898	0.487381	-2.05178	5.97442	2.54179	0.378174	1
cg15601915	SLC12A7	0.0746207	0.702949	0.9	-1.11111	0.0.0	0.0.0	-1.26316	0.1.5607	0.1.5607	-1.20765	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.11601	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg09547427	SLC12A7	0.0106772	0.1497	0.7	-1.35341	0.202104	0.76806	-1.30198	0.0946441	0.697721	-1.43123	0.732366	0.934054	-1.06957	0.03775143	0.464572	-2.15252	0.327041	0.820171	-1.21926	0.0177942	2.39071	2.39071	0.519231	1.13657	1.13657	0.181322	0.757267	-1.32054	5.587774	3.51893	0.540442	1
cg00551954	SLC12A7	0.0107713	0.29388	0.867658	-1.15253	0.7006602	0.950873	-1.05167	0.209381	0.18828	1.18828	0.420429	1.11329	1.11329	0.326673	0.876314	-1.14114	0.153438	0.818397	-1.2219	0.00027506	2.17675	2.17675	0.222932	0.846216	-1.18173	0.881691	1.01961	1.01961	5.77142	1.55394	0.239331	1
cg10620395	SLC12A7	0.0153016	0.028825	0.5	-2.00000	0.0.0	0.0.0	-1.22528	0.0.0	0.0.0	-1.22528	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44343	0.945103	1.01141	1.01141	0.0.0	0.0.0	1.27306	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg17568547	SLC12A7	0.0135029	0.0673875	0.764761	-1.3076	0.193832	0.19709	-1.19709	0.78487	0.964828	-1.03645	0.271052	0.860758	-1.16177	0.53769	0.921602	1.08507	0.349733	0.881653	-1.13423	0.00403893	2.02782	2.02782	0.386904	0.890425	-1.12306	0.457417	1.10409	1.10409	5.36314	1.4544	0.243052	1
cg12199905	SLC12A7	0.0149987	0.118411	1.23048	1.23048	0.0.0	0.0.0	1.23048	0.0.0	0.0.0	1.23048	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44092	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44092	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg10773466	SLC12A7	0.0151161	0.0658593	0.737655	-1.35565	0.118708	0.77904	-1.28363	0.00347202	0.557187	-1.79473	0.0417512	0.707492	-1.41344	0.00387346	0.5635	-1.77462	0.858421	0.974018	-1.02667	0.319337	0.859225	-1.16384	0.200961	1.22034	1.22034	0.0171687	0.651706	-1.53443	1.5675	1.77895	0.306006	1
cg06344195	SLC12A7	0.0152891	0.18811	0.761988	-1.31281	0.240283	1.22117	1.22117	0.0623994	0.53518	1.53518	0.360437	0.825385	-1.21185	0.0509437	0.479971	-2.08281	0.0229376	0.571698	-1.74917	0.0187589	1.78965	1.78965	0.0419896	1.21885	1.21885	0.241224	1.28345	1.28345	5.14807	3.40942	0.587995	1
cg00063293	SLC12A7	0.0153348	0.5337738	-1.83724	0.1772705	0.15198	0.75198	0.75198	0.589275	1.1118	1.1118	0.320028	0.818003	-1.22115	0.527463	0.882955	1.13256	0.0288798	0.605942	-1.65032	0.0867394	1.91644	1.91644	0.778021	0.904532	-1.05649	0.396754	0.844741	1.18473	1.52093	1.0601	0.532212	1
cg06058262	SLC12A7	0.0158234	0.112042	0.759523	-1.31661	0.0064417	1.75634	1.75634	0.246979	0.824049	-1.2122	0.0384337	1.46414	1.46414	0.824422	0.965294	-1.03595	0.57782	0.914501	-1.09349	0.0031499	1.8993	1.8993	0.40545	0.873451	-1.14488	0.8034	0.961124	-1.04045	5.08974	2.03695	0.355739	1
cg09578154	SLC12A7	0.0163269	0.3182804	0.650009	-1.53846	0.0.0	0.0.0	-1.53846	0.0.0	0.0.0	-1.53846	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.53199	0.1113166	0.4096	-2.44039	0.0027266	0.182972	-5.46533	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg08543327	SLC12A7	0.0171314	0.423507	0.801933	-1.24699	0.792997	0.931448	-1.0736	0.101711	0.616447	-1.6222	0.0123609	0.431278	-2.31869	0.00549559	0.37274	-2.68284	0.539837	0.845696	-1.18246	0.942662	1.01961	1.01961	0.00966112	2.42116	2.42116	0.072437	0.582009	-1.71819	4.9567	5.72387	1.02647	1
cg16322901	SLC12A7	0.0173728	0.470022	1.329035	1.329035	0.3231198	1.36516	1.36516	0.0122555	0.387672	-2.5795	0.964399	0.987288	-1.01288	0.00579713	0.319654	-2.99212	0.965572	1.01319	1.01319	0.0352121	2.23566	2.23566	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg13681701	SLC12A7	0.0190106	0.2495992	0.845413	-1.18288	0.734795	1.0486	1.0486	0.0.0	0.838161	-1.22225	0.0228888	0.883916	-1.16477	0.0602755	0.743996	-1.34409	0.126319	0.793882	-1.25963	0.0463574	1.37462	1.37462	0.0595411	1.34552	1.34552	0.00751152	0.618868	-1.61654	4.78616	1.47637	0.274193	1
cg02027730	SLC12A7	0.0204541	0.0159201	0.330582	-3.02497	0.303121	0.769816	-1.29901	0.0742778	0.615178	-1.62555	0.0573429	0.59144	-1.69079	0.00774903	0.413688	2.3058	0.0179739	0.495441	-2.0184	0.334618	0.78421	-1.27517	0.219051	0.729238	-1.37129	0.0248408	0.52077	-1.92023	0.646087	4.41242	0.840082	1
cg08344943	SLC12A7	0.0206814	0.321331	1.24042	1.24042	0.0.0	0.0.0	1.24042	0.0.0	0.0.0	1.24042	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44144	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44144	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg00095276	SLC12A7	0.0222643	0.0656379	1.38745	1.38745	0.0016419	0.489393	-2.04335	0.0639834	0.718933	-1.39095	0.0693357	1.37997	1.37997	0.870414	1.02622	1.02622	0.855139	0.971448	-1.02939	0.530209	0.904124	-1.10604	0.527481	0.903503	-1.1068	0.172609	0.794469	-1.2587	4.53531	1.8047	0.353708	1
cg02358805	SLC12A7	0.0223105	0.745339	1.09732	1.09732	0.0757444	1.84744	1.84744	0.887179	0.960323	-1.04132	0.176856	1.50595	1.50595	0.923052	1.02794	1.02794	0.0041798	0.534691	-2.98783	0.0457376	1.89478	1.89478	0.743383	1.09822	1.09822	0.024469	0.465586	-2.14783	4.45101	5.37426	1.14516	1
cg06097635	SLC12A7	0.0236819	0.0298547	0.531292	-1.88221	0.033341	1.85039	1.85039	0.174711	0.699621	-1.42934	0.0235177	0.512004	-1.95311	0.131906	0.668711	1.49542	0.573623	0.86875	-1.15108	0.0135113	2.13085	2.13085	0.656296	0.895085	-1.11721	0.841805	0.951754	1.05069	4.49385	4.30572	0.862034	1
cg00467119	SLC12A7	0.0256847	0.431933	0.703726	-1.42101	0.0885317	0.439045	-2.27767	0.416855	0.695242	-1.43835	0.735778	0.862109	-1.15995	0.00207063	0.149581	-6.68533	0.515866	0.749305	-1.33457	0.00814668	0.226798	-4.40921	0.108037	0.463868	-2.15578	0.00996417	0.240332	-4.16091	4.31642	13.1197	2.70176	1
cg06973176	SLC12A7	0.0258291	0.0327313	0.4	-2.00000	0.0.0	0.0.0	-1.83578	0.0.0	0.0.0	-1.83578	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.41489	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.41489	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg06592065	SLC12A7	0.0259961	0.286018	0.74045	-1.35053	0.184118	1.46537	1.46537	0.252225	0.722981	-1.38316	0.554373	1.17608	1.17608	0.00139792	0.28496	-3.50926	0.310829	1.32895	1.32895	0.048541	1.84502	1.84502	0.692517	1.11381	1.11381	0.9836	1.00559	1.00559	4.2983	5.00704	1.03546	1
cg18760594	SLC12A7	0.0262854	0.312986	0.8	-1.25	0.38763	1.20924	1.20924	0.0.0	0.0.0	1.20924	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44463	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44463	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg13290707	SLC12A7	0.0274335	0.0924231	0.74469	-1.34284	0.258675	1.20634	1.20634	0.0208667	0.642367	-1.55674	0.950561	0.990179	-1.00992	0.372967	0.864516	-1.15672	0.000988965	0.458801	-2.17959	0.996831	0.999368	-1.00063	0.355105	0.859487	-1.16348	0.404635	0.873079	-1.14537	4.21801	1.69258	0.356688	1
cg23445930	SLC12A7	0.0274584	0.914103	0.946115	-1.05695	0.568002	1.34484	1.34484	0.583161	1.32891	1.32891	0.581354	1.33097	1.33097	0.000485342	0.060337	-16.5736	0.47053	0.686012	-1.4577	0.822249	1.12245	1.12245	0.37203	1.60081	1.60081	0.607646	1.30456	1.23666	17.6001	3.71018	1
cg24000908	SLC12A7	0.0279041	0.0101402	0.364159	-2.74576	0.0276742	0.472826	-2.12126	0.0390779	0.595752	-1.6771	0.0104633	0.366485	-2.72822	0.0321405	0.359079	2.78504	0.404203	0.766507	-1.30455	0.0680907	1.53918	1.53918	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg18576686	SLC12A7	0.0281458	0.327523	0.843235	-1.18591	0.571721	1.10121	1.10121	0.508472	1.11981	1.11981	0.616606	0.918368	-1.08889	0.236526	0.811202	-1.23274	0.792234	0.956441	-1.04554	0.00118709	2.22983	2.22983	0.334088	0.845298	-1.18301	0.0587148	0.697523	-1.43365	4.18013	1.88414	0.400657	1
cg04184427	SLC12A7	0.0284004	0.227705	0.780113	-1.28183	0.746031	1.07958	1.07958	0.0272654	0.476402	-2.09003	0.0029159	0.316133	-3.13232	0.00947408	0.254555	-3.9311	0.343257	0.77965	-1.1564	0.0883691	1.12343	1.12343	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg22772691	SLC12A7	0.0303987	0.0708003	0.499676	-2.0013	0.292553	0.68703	-1.45541	0.367041	0.727266	-1.37501	0.473193	0.778325	-1.28481	0.00124317	0.197596	5.06084	0.299709	0.691173	-1.44681	0.753869	1.11416	1.11416	0.0839391	0.929947	1.07547	1.92947	0.15419	0.592015	1.68915	0.40228	2.56164	1.66279	1
cg13552947	SLC12A7	0.0316601	0.1623865	0.769549	-1.29946	0.0575308	0.685736	-1.45829	0.125105	0.747106	-1.3385	0.669109	0.927257	-1.07845	0.142626	0.758241	-1.31884	0.0774779	0.708462	-1.41151	0.479824	0.881486	-1.13445	0.00720181	0.405048	-2.46885	0.0931937	0.723014	-1.3831	4.00916	1.95837	0.434199	1
cg26120110	SLC12A7	0.0318944	0.585537	1.10032	1.10032	0.0.0	0.0.0	1.10032	0.0.0	0.0.0	1.10032	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44189	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.44189	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1
cg16419756	SLC12A7	0.0340196	0.28551	0.752543	-1.32883	0.308471	1.31018	1.31018	0.0.0	0.572653	-1.74626	0.688544	1.10879	1.10879	0.0629277	0.584947	-1.70956	0.244089	1.36663	1.36663	0.0434113	2.66723	2.66723	0.210072	1.4029	1.4029	0.363442	1.27047	1.27047	3.90703	0.06489	0.924804	1
cg04144636	SLC12A7	0.0341431	0.382314	0.8	-1.25	0.179949	0.744047	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04043695	SLC15A4	0.00643374	0.0177162	0.715428	-1.39776	0.0153999	1.41232	1.41232	0.0276596	1.35296	1.35296	0.433168	1.09731	1.09731	0.322193	0.88804	-1.12608
cg15910323	SLC15A4	0.00725587	0.071734	0.540928	-1.84868	0.0181452	0.377257	-2.65071	0.757084	1.08725	1.08725	0.00438325	0.230902	-4.33084	0.117482	0.605022	-1.65283
cg19717347	SLC15A4	0.00769041	0.754332	1.04979	1.04979	0.266773	0.836032	-1.19613	0.0819573	0.742059	-1.3476	0.00252355	0.522523	-1.91379	0.197385	0.809842	-1.23481
cg09035930	SLC15A4	0.0117047	0.0756431	2.08977	2.08977	0.0227461	2.76247	2.76247	0.00678214	3.69789	3.69789	0.18853	1.68082	1.68082	0.626716	1.20043	1.20043
cg01356908	SLC15A4	0.026842	0.357311	1.09366	1.09366	0.00267606	1.48082	1.48082	0.938111	1.00737	1.00737	0.00844082	1.37448	1.37448	0.210277	0.882629	-1.13298
cg02555727	SLC15A4	0.0311222	0.982351	1.00397	1.00397	0.315111	1.20468	1.20468	0.139081	1.33031	1.33031	0.824649	1.04058	1.04058	0.011229	0.565817	-1.76735
cg21830849	SLC15A4	0.0346037	0.00514423	0.342035	-2.92368	0.00486449	0.338266	-2.95626	0.0501416	0.522881	-1.91248	0.881056	1.04443	1.04443	0.444192	0.797342	-1.25417
cg04826413	SLC15A4	0.036471	0.360191	0.764404	-1.30821	0.32901	1.33337	1.33337	0.138423	1.57707	1.57707	0.561912	1.18232	1.18232	0.00284342	0.309364	-3.23243
cg10643271	SLC15A4	0.0382366	0.405563	0.730343	-1.36922	0.00821452	3.48572	3.48572	0.0385089	2.42364	2.42364	0.750509	1.12502	1.12502	0.0308067	0.391963	-2.55126
cg00343127	SLC15A4;MGC16384	0.00749952	0.0373398	0.490592	-2.03835	0.604987	0.857464	-1.16623	0.0868325	0.572729	-1.74603	0.731407	0.90344	-1.10688	0.00081696	0.226074	-4.42334
cg05253716	SLC15A4;MGC16384	0.0133938	0.919378	0.98911	-1.01101	0.14885	1.18228	1.18228	0.0847994	1.22892	1.22892	0.244089	1.14088	1.14088	0.0192637	0.736252	-1.35823
cg13617280	SLC15A4;MGC16384	0.0158026	0.374224	1.30092	1.30092	0.00358279	0.320521	-3.11992	0.0579952	0.538982	-1.85535	0.279363	1.38317	1.38317	0.380153	0.771319	-1.29648
cg24410690	SLC15A4;MGC16384	0.0305461	0.429698	1.16945	1.16945	0.00111429	0.393568	-2.54086	0.245711	1.26586	1.26586	0.19527	1.30473	1.30473	0.156945	0.745313	-1.34172
cg17097481	SLC15A5	0.013565	0.0970904	0.489607	-2.04246	0.00587128	0.243157	-4.11257	0.00278592	0.198527	-5.03711	0.735551	1.14219	1.14219	0.0209248	0.336282	-2.9737
cg21276197	SLC16A10	0.0160556	0.472237	1.09496	1.09496	0.152542	1.20939	1.20939	0.0423234	1.33662	1.33662	0.423353	0.903522	-1.10678	0.00562833	0.637066	-1.5697
cg03181943	SLC16A10	0.0212629	0.0658537	0.494146	-2.02369	0.444391	1.30513	1.30513	0.0286306	0.414006	-2.41542	0.363714	0.727008	-1.3755	0.0626724	0.488973	-2.0451
cg16374411	SLC16A11	0.000196064	0.00154182	0.486236	-2.05661	0.0436405	1.44364	1.44364	0.00153215	2.05815	2.05815	0.00151076	2.06159	2.06159	0.0470446	0.697828	-1.43302
cg13181928	SLC16A11	0.000200325	0.0287748	0.641984	-1.55767	0.0512148	1.46455	1.46455	0.478014	1.13198	1.13198	3.10E-05	4.04434	4.04434	0.0481372	0.678302	-1.47427
cg07011163	SLC16A11	0.000221968	0.0767073	0.759389	-1.31685	0.00308519	1.7616	1.7616	0.0131801	1.53671	1.53671	7.16E-05	2.74975	2.74975	0.386313	1.13219	1.13219
cg03892045	SLC16A11	0.000848259	0.0106616	0.531138	-1.88275	0.018271	1.75871	1.75871	0.00975465	1.90439	1.90439	0.00179225	2.40053	2.40053	0.662705	0.917135	-1.09035
cg03712541	SLC16A11	0.00265263	0.918944	0.976126	-1.02446	0.864501	0.960262	-1.04138	0.741919	1.08165	1.08165	0.00388695	2.63521	2.63521	0.92211	1.02349	1.02349
cg14950751	SLC16A11	0.0055744	0.314911	0.780206	-1.28171	0.347537	1.25987	1.25987	0.197697	0.722387	-1.3843	0.00464394	2.45777	2.45777	0.0572478	0.59826	-1.67152
cg05031424	SLC16A11	0.00923431	0.00628365	0.394272	-2.53632	0.107666	1.5825	1.5825	0.163795	1.47475	1.47475	0.971397	0.99067	-1.00942	0.000753624	0.26292	-3.80343
cg19639560	SLC16A11	0.0264823	0.121947	3.3941	3.3941	0.0706353	4.36076	4.36076	0.178667	2.83354	2.83354	0.0836364	4.03778	4.03778	0.0278428	6.6515	6.6515
cg02489908	SLC16A11	0.0293778	0.0486612	5.24607	5.24607	0.0161234	8.73159	8.73159	0.0925836	3.9052	3.9052	0.138498	3.23438	3.23438	0.26421	2.35506	2.35506
cg01019875	SLC16A11	0.0339912	0.0478325	17.4418	17.4418	0.047679	17.4859	17.4859	0.514238	2.30655	2.30655	0.0628577	14.0756	14.0756	0.452452	2.63049	2.63049
cg15639045	SLC16A11;SLC16A11	0.0053562	0.559796	0.938939	-1.06503	0.000317656	1.86453	1.86453	0.00137115	1.64238	1.64238	0.730338	0.963707	-1.03766	0.0478003	1.27353	1.27353
cg18624900	SLC16A12	2.01E-06	0.667753	0.966241	-1.03494	1.28E-05	2.07374	2.07374	0.0337164	1.21803	1.21803	0.778768	0.977851	-1.02265	0.148703	0.884103	-1.13109
cg12084990	SLC16A12	0.000348006	0.000376311	0.238171	-4.19867	0.00194318	0.330758	-3.02336	0.00759513	0.420406	-2.37865	0.0148269	0.469265	-2.13099	0.0329202	0.532759	-1.87702
cg03616221	SLC16A12	0.001307	0.193833	0.686809	-1.45601	0.000119026	6.29363	6.29363	0.811223	1.06758	1.06758	0.436489	0.804978	-1.24227	0.0204595	0.466135	-2.1453
cg12226009	SLC16A12	0.00455464	0.451909	0.793855	-1.25968	0.119029	1.66468	1.66468	0.0094285	0.371126	-2.6945	0.0121334	0.389933	-2.56454	0.000484318	0.192428	-5.19674
cg22901008	SLC16A12	0.00503642	0.117412	0.745128	-1.34205	0.00661648	1.84016	1.84016	0.187945	1.27301	1.27301	0.178166	1.28082	1.28082	0.257674	0.815181	-1.22672
cg15620114	SLC16A12	0.0103086	0.230623	1.3281	1.3281	0.0151402	1.96078	1.96078	0.00159815	2.77803	2.77803	0.406077	0.825489	-1.2114	0.0205314	1.87703	1.87703
cg24305584	SLC16A12	0.0118114	0.0872942	1.61408	1.61408	0.549877	1.16583	1.16583	0.858723	0.95582	-1.04622	0.691859	1.10631	1.10631	0.824336	0.94518	-1.058
cg04349243	SLC16A12	0.0121014	0.21281	0.788874	-1.26763	0.475676	1.14007	1.14007	0.0300178	1.58616	1.58616	0.153328	0.758553	-1.3183	0.00915362	0.549774	-1.81893
cg02584459	SLC16A12	0.04072	0.359283	0.834815	-1.19787	0.314911	0.819508	-1.22024	0.765178	1.05905	1.05905	0.966049	1.00819	1.00819	0.154609	0.746896	-1.33887
cg11960629	SLC16A12	0.0457235	0.601116	0.903988	-1.10621	0.796175	1.05078	1.05078	0.741436	0.938605	-1.06541	0.30125	1.22748	1.22748	0.211564	1.28639	1.28639
cg21577651	SLC16A13	0.00473744	0.967008	0.987479	-1.01268	0.0469251	0.500118	-1.99953	0.888115	1.04382	1.04382	0.594752	1.17771	1.17771	0.486454	0.806196	-1.24039
cg22884899	SLC16A13	0.0288845	0.967682	1.00712	1.00712	0.153089	1.30726	1.30726	0.145138	1.3152	1.3152	0.00120271	0.435749	-2.2949	0.525295	0.8934	-1.11932
cg02805871	SLC16A13;SLC16A13	0.000875308	0.994746	1.00055	1.00055	0.0196834	1.26687	1.26687	0.977532	0.997638	-1.00237	0.128855	0.87128	-1.14774	0.00552605	0.736269	-1.3582
cg25621735	SLC16A14	0.000303377	0.0316324	0.769462	-1.29961	0.604414	1.05586	1.05586	0.202163	0.869309	-1.15034	0.0732828	0.812429	-1.23088	2.17E-05	0.411503	-2.43012
cg01021245	SLC16A14	0.00232443	0.109878	0.732783	-1.36466	0.0787129	1.41673	1.41673	0.387723	0.853901	-1.1711	0.404689	1.16428	1.16428	0.0912707	0.717631	-1.39347
cg10277956	SLC16A14	0.00530129	0.507135	0.795049	-1.25778	0.456071	0.77205	-1.29525	0.0227083	0.394762	-2.53317	0.238598	0.656613	-1.52297	0.00144429	0.208212	-4.80279
cg21540962	SLC16A14	0.00705059	0.0373175	0.68102	-1.46839	0.00100268	0.460079	-2.17354	0.477953	0.891652	-1.12151	0.783328	1.04479	1.04479	0.735626	0.947556	-1.05535
cg24704015	SLC16A14	0.0305621	0.434773	1.15079	1.15079	0.305313	0.829381	-1.20572	0.46926	0.878306	-1.13856	0.549642	1.11259	1.11259	0.00782696	1.82497	1.82497
cg26162147	SLC16A1;SLC16A1	8.43E-06	0.217316	0.886378	-1.12819	1.60E-06	0.325152	-3.07549	0.0922028	0.841784	-1.18795	0.00136071	1.5404	1.5404	0.0339462	1.25867	1.25867
cg01328949	SLC16A1;SLC16A1	1.85E-05	0.0744632	0.707119	-1.41419	1.16E-06	0.11104	-9.00575	0.0049307	0.522341	-1.91446	0.461246	0.87739	-1.13974	0.437838	0.871091	-1.14799
cg00963079	SLC16A1;SLC16A1	0.000959446	0.746204	1.0372	1.0372	0.0161384	1.39242	1.39242	0.545013	1.07132	1.07132	0.765576	0.96693	-1.0342	0.249481	0.873399	-1.14495
cg03386556	SLC16A1;SLC16A1	0.0338261	0.223804	1.30294	1.30294	0.199522	0.755287	-1.324	0.00510484	0.464769	-2.15161	0.467833	1.16528	1.16528	0.105898	1.44151	1.44151
cg18130079	SLC16A1;SLC16A1	0.04564	0.304232	1.333	1.333	0.0505257	0.547704	-1.8258	0.0248368	0.486006	-2.05759	0.465703	1.22207	1.22207	0.262659	0.729435	-1.37092
cg00058299	SLC16A1;SLC16A1;SLC16A1	0.00164007	0.0788132	1.17147	1.17147	0.00100331	0.673029	-1.48582	0.100705	0.864352	-1.15694	0.0818485	1.16922	1.16922	0.0125054	0.777307	-1.28649
cg18787045	SLC16A2	6.68E-06	0.25325	0.862682	-1.15918	3.73E-07	0.164107	-6.0936	2.22E-05	0.348677	-2.86799	1.49E-05	0.328957	-3.03991	1.66E-05	0.334274	-2.99156
cg03055372	SLC16A2	0.00140215	?	?	?	0.196993	1.4826	1.4826	0.330688	0.750354	-1.3327	0.00111582	0.205214	-4.87297	9.69E-05	0.083828	-11.9292
cg23137494	SLC16A2	0.00330879	0.000597868	0.259811	-3.84895	0.697253	0.905313	-1.10459	0.408937	0.806626	-1.23973	0.533567	1.17403	1.17403	0.00183079	0.324158	-3.08492
cg21154114	SLC16A2	0.0437835	0.133645	1.518	1.518	0.0121872	0.446672	-2.23878	0.0947399	0.62263	-1.60609	0.602144	1.14534	1.14534	0.210604	0.711522	-1.40544
cg23141183	SLC16A3	0.0320346	0.168548	0.65275	-1.53198	0.0362639	0.492713	-2.02958	0.00672551	0.359973	-2.77799	0.589639	0.853584	-1.17153	0.0126879	0.406322	-2.4611
cg21453758	SLC16A3;SLC16A3	2.42E-05	0.000117437	0.252253	-3.96428	0.0150966	0.543443	-1.84012	0.793901	1.05492	1.05492	0.000308559	3.30686	3.30686	1.21E-05	0.151436	-6.60345
cg17752015	SLC16A3;SLC16A3	0.00209235	0.114579	0.631999	-1.58228	0.024266	2.05049	2.05049	0.340879	1.30009	1.30009	0.801148	0.934747	-1.06981	0.729026	0.911206	-1.09745
cg04184297	SLC16A3;SLC16A3	0.0202943	0.0141752	5.60749	5.60749	0.00390518	9.14418	9.14418	0.0482784	3.61708	3.61708	0.095652	2.83694	2.83694	0.162896	2.33627	2.33627
cg08296680	SLC16A3;SLC16A3	0.0306173	0.0212962	15.8347	15.8347	0.010279	25.2232	25.2232	0.0359072	11.4262	11.4262	0.0931754	6.31672	6.31672	0.0760762	7.17067	7.17067
cg20531020	SLC16A3;SLC16A3	0.0465318	0.708136	1.11106	1.11106	0.0485307	1.87966	1.87966	0.245581	0.7117	-1.40509	0.0677272	0.563787	-1.77372	0.00346351	0.329108	-3.03851
cg10241809	SLC16A3;SLC16A3;SLC16A3	0.00296189	0.0197888	0.562518	-1.77772	0.0414273	1.61742	1.61742	0.753282	0.937568	-1.06659	0.0267345	0.584707	-1.71026	0.00350836	0.445064	-2.24687
cg10937494	SLC16A3;SLC16A3;SLC16A3	0.0131368	0.0161022	0.529053	-1.89017	0.0206574	0.547438	-1.82669	0.0294038	0.574303	-1.74124	0.458213	0.849335	-1.17739	0.000616395	0.319891	-3.12606
cg17817350	SLC16A3;SLC16A3;SLC16A3	0.0134322	0.0327479	0.665117	-1.5035	0.0127756	0.603539	-1.65689	0.297664	0.838417	-1.19272	0.00359263	1.90342	1.90342	0.375726	1.15998	1.15998
cg23224090	SLC16A3;SLC16A3;SLC16A3	0.0444971	0.811923	0.937502	-1.06666	0.312769	0.753755	-1.32669	0.06778	0.574693	-1.74006	0.593461	0.864259	-1.15706	0.212157	0.700608	-1.42733
cg03535830	SLC16A4	0.0101782	0.758238	1.10669	1.10669	0.00361101	0.274299	-3.64566	0.0127625	0.362072	-2.76188	0.317536	1.40391	1.40391	0.345663	1.37562	1.37562
cg09300114	SLC16A5	0.00080695	0.233463	1.62856	1.62856	0.00990398	3.5684	3.5684	0.0457074	2.44571	2.44571	0.00891604	3.66564	3.66564	0.00214026	5.38557	5.38557
cg04305621	SLC16A5	0.000859236	0.00589058	2.80618	2.80618	0.00277483	3.25872	3.25872	0.0539227	1.8712	1.8712	0.147892	1.55976	1.55976	0.0130712	2.41461	2.41461
cg04529938	SLC16A5	0.00492988	0.587248	1.17646	1.17646	0.0931683	1.72915	1.72915	0.216518	1.47049	1.47049	0.912362	0.967883	-1.03318	0.0481941	1.95324	1.95324
cg08434692	SLC16A5	0.00551505	0.015518	0.49694	-2.01231	0.415909	0.822114	-1.21638	0.0010079	0.316767	-3.15689	0.563761	0.871554	-1.14738	0.000702392	0.296122	-3.37699
cg10829727	SLC16A5	0.00694549	0.87003	1.05854	1.05854	0.709935	1.1386	1.1386	0.0187016	2.69142	2.69142	0.0612743	2.08049	2.08049	0.0176142	2.72718	2.72718
cg21853806	SLC16A5	0.0105892	0.348452	0.738426	-1.35423	0.507748	1.23503	1.23503	0.218804	0.666116	-1.50124	0.64427	1.15727	1.15727	0.000199842	0.140626	-7.11106
cg03732506	SLC16A5	0.011302	0.00525098	0.626138	-1.59709	0.0186717	0.695883	-1.43702	0.069253	0.772207	-1.29499	0.0301237	0.723004	-1.38312	0.596885	0.93437	-1.07024
cg27619475	SLC16A5	0.0134507	0.024345	3.76415	3.76415	0.00956393	5.05709	5.05709	0.0560302	2.91267	2.91267	0.148717	2.14905	2.14905	0.0485196	3.04414	3.04414
cg06594281	SLC16A5	0.0248529	0.0816682	2.1083	2.1083	0.00364092	4.57479	4.57479	0.0423819	2.46858	2.46858	0.580009	1.24118	1.24118	0.82062	1.09176	1.09176
cg24028094	SLC16A6;ARSG	0.00514376	?	?	?	0.0100697	2.74262	2.74262	0.261567	1.43866	1.43866	0.354038	0.743623	-1.34477	0.484118	1.2472	1.2472
cg11871280	SLC16A7	0.0037192	0.000976867	0.253008	-3.95244	0.607424	0.864839	-1.15628	0.00548848	0.359465	-2.78191	0.0170075	0.442432	-2.26024	0.251014	0.714562	-1.39946
cg10812247	SLC16A7	0.0499151	0.0833917	0.405667	-2.46508	0.917426	0.952352	-1.05003	0.0780023	0.397762	-2.51407	0.203081	0.531251	-1.88235	0.0205069	0.2687	-3.72162
cg08420415	SLC16A8	0.000110375	0.165587	1.33735	1.33735	0.000657561	2.78989	2.78989	0.272274	1.25186	1.25186	0.000701077	2.76163	2.76163	0.00128965	0.39774	-2.51421
cg06876311	SLC16A8	0.00104203	0.87598	1.02739	1.02739	0.00525721	0.52903	-1.89025	0.558486	0.902702	-1.10779	0.844672	0.966635	-1.03452	0.00534094	0.530014	-1.88674
cg23668028	SLC16A8	0.00149523	0.000139384	0.297349	-3.36306	0.789928	1.05045	1.05045	0.00349477	0.481745	-2.07579	0.0031891	0.476062	-2.10057	0.000608004	0.377639	-2.64803
cg23765961	SLC16A8	0.0225877	0.479989	0.899913	-1.11122	0.043821	1.40537	1.40537	0.213499	0.824979	-1.21215	0.00770284	1.65348	1.65348	0.0109796	0.625803	-1.59795
cg02792538	SLC16A8	0.0435371	0.108305	4.38503	4.38503	0.0142932	12.7961	12.7961	0.182334	3.30112	3.30112	0.154065	3.62367	3.62367	0.324354	0.423673	-2.36031
cg02164452	SLC16A9	0.000661207	0.86199	0.970323	-1.03058	0.0696665	1.42088	1.42088	0.479697	0.883025	-1.13247	0.116015	0.743966	-1.34415	0.0457764	0.672694	-1.48656
cg24603972	SLC16A9	0.0138634	0.00356505	0.134267	-7.44784	0.0130665	0.208946	-4.78594	0.0123356	0.205039	-4.87712	0.0390571	0.296817	-3.36908	0.00911526	0.185499	-5.39088
cg20193173	SLC16A9	0.0255969	0.240523	0.880403	-1.13584	0.261126	1.12917	1.12917	0.976602	0.996965	-1.00304	0.812453	0.975663	-1.02494	0.0262245	0.760836	-1.31434
cg04605148	SLC16A9	0.0372276	0.0600263	0.597777	-1.67287	0.173091	0.703562	-1.42134	0.024287	0.521418	-1.91785	0.0467804	0.575743	-1.73689	0.00409458	0.392891	-2.54523
cg03462556	SLC16A9	0.0387986	0.0692891	0.587421	-1.70236	0.191046	0.695988	-1.43681	0.0592604	0.572648	-1.74627	0.548121	0.852914	-1.17245	0.00489032	0.37666	-2.65491
cg22101098	SLC17A1	0.00101524	0.144414	1.36314	1.36314	0.115165	0.712867	-1.40279	0.0334054	0.611912	-1.63422	6.18E-05	0.232349	-4.30388	0.173791	0.751316	-1.331
cg03835296	SLC17A1	0.00151862	0.264793	1.26935	1.26935	0.283039	1.25722	1.25722	0.000208829	0.27992	-3.57245	0.000478884	0.324746	-3.07933	0.00159478	0.394703	-2.53355
cg19490609	SLC17A1	0.00200452	0.484525	0.832775	-1.20081	0.333176	1.29323	1.29323	0.0390955	0.54058	-1.84986	0.0757317	0.600968	-1.66398	0.00132995	0.300542	-3.32732
cg22988581	SLC17A1	0.00396031	0.226053	0.641305	-1.55932	0.0444797	0.446433	-2.23998	0.00869478	0.310811	-3.21739	0.0143535	0.348249	-2.87151	0.000192314	0.111409	-8.97597
cg06885175	SLC17A1	0.0065378	0.607041	0.857736	-1.16586	0.199496	1.4933	1.4933	0.00828176	0.368375	-2.71463	0.00639222	0.35006	-2.85665	0.312662	0.734224	-1.36198
cg26691898	SLC17A1	0.00685852	0.0153755	0.653515	-1.53019	0.00223887	0.542206	-1.84432	0.129816	0.791333	-1.26369	0.14251	0.798156	-1.25289	0.583739	0.923913	-1.08235
cg24766398	SLC17A1	0.0213553	0.627513	1.12517	1.12517	0.394896	0.810454	-1.23388	0.65735	0.897922	-1.11368	0.250873	0.74874	-1.33558	0.966788	1.01009	1.01009
cg20373747	SLC17A2	2.31E-06	0.155835	0.857326	-1.16642	0.304084	1.11394	1.11394	0.00681938	0.700939	-1.42666	0.0398703	1.27232	1.27232	1.42E-07	0.187081	-5.34528
cg20765441	SLC17A2	0.00164175	0.987577	1.00311	1.00311	0.0308643	0.603137	-1.658	0.00130434	0.393085	-2.54398	0.0251241	0.587851	-1.70111	9.18E-05	0.248259	-4.02805
cg09546929	SLC17A2	0.00439201	0.00793626	0.365124	-2.73879	0.109508	0.596645	-1.67604	0.412868	0.780531	-1.28118	0.0106166	0.386356	-2.58829	0.00191031	0.272234	-3.67331
cg27312087	SLC17A2	0.0263313	0.316253	1.43004	1.43004	0.00422844	0.266566	-3.75142	0.00290777	0.243478	-4.10715	0.896927	0.956242	-1.04576	0.498592	0.788862	-1.26765
cg04867634	SLC17A2	0.0299612	0.400725	1.09812	1.09812	0.00539803	0.671289	-1.48967	0.573072	1.06393	1.06393	0.573029	0.939908	-1.06393	0.666973	0.953983	-1.04824
cg05948654	SLC17A2;SLC17A2	0.0367355	0.708373	0.875926	-1.14165	0.440653	0.75787	-1.31949	0.00909665	0.310844	-3.21705	0.827401	1.08003	1.08003	0.00954562	0.314325	-3.18142
cg22286382	SLC17A3;SLC17A3	0.0273851	0.19449	0.589283	-1.69698	0.295849	0.658571	-1.51844	0.00339267	0.215506	-4.64025	0.121698	0.523897	-1.90877	0.00668291	0.257754	-3.87967
cg11876177	SLC17A3;SLC17A3	0.0308326	0.810002	0.926076	-1.07983	0.462178	1.26954	1.26954	0.0150332	0.385591	-2.59342	0.487173	0.798446	-1.25243	0.240831	0.676028	-1.47923
cg11353929	SLC17A3;SLC17A3;SLC17A3;SLC17A3	0.0478942	0.430057	0.668651	-1.49555	0.00938722	0.192862	-5.18507	0.0276784	0.272318	-3.67218	0.743405	1.17838	1.17838	0.177468	0.488606	-2.04664
cg21627181	SLC17A4	1.12E-05	0.0747121	0.749317	-1.33455	0.895528	0.981083	-1.01928	1.30E-05	0.264446	-3.78149	2.77E-05	0.301018	-3.32206	2.40E-05	0.294093	-3.40029
cg09750510	SLC17A4	2.68E-05	0.0128694	0.63587	-1.57265	1.12E-05	0.25432	-3.93206	1.79E-05	0.27678	-3.61298	0.907226	1.01724	1.01724	0.00610814	0.591766	-1.68986
cg13261725	SLC17A4	0.000189307	0.186788	0.834017	-1.19902	0.000224669	0.451073	-2.21694	0.00109383	0.535414	-1.86771	0.0101343	0.656601	-1.52299	0.424668	1.11154	1.11154
cg22865713	SLC17A4	0.00282226	0.00638646	0.37169	-2.69041	0.00421154	0.343433	-2.91178	0.00328633	0.327253	-3.05574	0.0143471	0.430924	-2.3206	0.00830977	0.390304	-2.5621
cg04083466	SLC17A4	0.0047703	0.696272	0.927045	-1.0787	0.505359	0.877645	-1.13941	0.0261553	0.600786	-1.66449	0.992992	1.0017	1.0017	0.463538	0.865819	-1.15498
cg27087243	SLC17A4	0.00534783	0.198238	0.581968	-1.71831	0.0810294	2.16009	2.16009	0.0455889	0.401463	-2.49089	0.00197602	0.175481	-5.69864	0.000815265	0.134088	-7.45781
cg06996739	SLC17A4	0.00798658	0.168645	1.36515	1.36515	0.0012882	0.369553	-2.70597	0.00115058	0.362831	-2.75611	0.479234	0.858442	-1.1649	0.880332	0.968537	-1.03248
cg15916061	SLC17A4	0.014661	0.00629167	0.128672	-7.7717	0.788688	1.16739	1.16739	0.0419474	0.2591	-3.85951	0.0511526	0.278159	-3.59506	0.0038706	0.106269	-9.41007
cg16156617	SLC17A4	0.0194595	0.147591	0.543237	-1.84082	0.132931	0.529029	-1.89025	0.0463721	0.408134	-2.45018	0.0756183	0.459913	-2.17432	0.0064054	0.248323	-4.02702
cg08794539	SLC17A4	0.0301504	0.852808	1.04754	1.04754	0.00371366	0.375259	-2.66482	0.0313555	0.531839	-1.88027	0.746949	0.922238	-1.08432	0.375278	1.2555	1.2555
cg09257923	SLC17A5	0.000327274	0.00201858	0.356326	-2.80642	0.544319	1.15648	1.15648	0.00198078	0.355158	-2.81565	0.0209649	0.517853	-1.93105	9.77E-06	0.105033	-9.52078
cg13599248	SLC17A5	0.00166992	0.0020023	0.126555	-7.9017	0.0176907	0.254781	-3.92493	0.00419611	0.16242	-6.15687	0.514324	0.730947	-1.36809	0.000205836	0.05251	-19.044
cg00648153	SLC17A5	0.00367742	0.0264599	0.747334	-1.33809	0.0213132	1.35837	1.35837	0.000975661	1.72108	1.72108	0.199615	1.16182	1.16182	0.845834	1.02178	1.02178
cg11742202	SLC17A5	0.00402521	0.00211806	0.064053	-15.6121	0.0542808	0.249275	-4.01164	0.0729216	0.280168	-3.56928	0.394346	0.574119	-1.7418	0.000704789	0.0374673	-26.69
cg04332235	SLC17A5	0.0234968	0.0274318	0.639777	-1.56305	0.163667	1.2898	1.2898	0.258224	0.817112	-1.22382	0.0648888	1.42608	1.42608	0.647298	1.08206	1.08206
cg04408379	SLC17A5	0.0354374	0.162011	1.21566	1.21566	0.0069375	1.57924	1.57924	0.435855	0.901244	-1.10958	0.245032	1.1724	1.1724	0.154436	1.22064	1.22064
cg01454004	SLC17A5	0.038447	0.103449	0.741705	-1.34825	0.256892	1.21962	1.21962	0.172292	1.27602	1.27602	0.265047	0.822929	-1.21517	0.863755	1.02924	1.02924
cg03528784	SLC17A5	0.0421171	0.0459212	0.74215	-1.34744	0.341503	1.13627	1.13627	0.0267148	1.40801	1.40801	0.722228	0.954542	-1.04762	0.791005	1.03522	1.03522
cg16644457	SLC17A6	0.00621298	0.0955415	0.578833	-1.72761	0.0443097	0.501696	-1.99324	0.804969	1.07667	1.07667	0.158415	1.56861	1.56861	0.595472	0.852147	-1.17351
cg09150064	SLC17A6	0.0100131	0.0305369	5.6951	5.6951	0.0524586	4.52369	4.52369	0.959159	1.03567	1.03567	0.0153424	0.130459	-7.66523	0.0940949	3.52477	3.52477
cg09530407	SLC17A6	0.0101203	0.313075	0.790035	-1.26577	0.0423724	0.589755	-1.69562	0.0675355	0.629629	-1.58824	0.267898	1.2978	1.2978	0.962762	1.0106	1.0106
cg23834895	SLC17A6	0.0138283	0.0419962	0.396282	-2.52345	0.0618608	0.435786	-2.2947	0.49618	1.3138	1.3138	0.114146	0.507215	-1.97155	0.106252	0.498189	-2.00727
cg24454829	SLC17A6	0.0171188	0.0529908	3.78283	3.78283	0.032084	4.5685	4.5685	0.40427	1.67588	1.67588	0.0486506	0.256	-3.90625	0.197588	2.27968	2.27968
cg24151995	SLC17A6	0.0186719	0.039788	3.88587	3.88587	0.0428443	3.78517	3.78517	0.997555	1.00175	1.00175	0.667259	0.781155	-1.28016	0.0374305	3.97105	3.97105
cg04954559	SLC17A6	0.0252384	0.079847	6.49964	6.49964	0.0105302	22.1833	22.1833	0.6197	1.61893	1.61893	0.373998	0.415292	-2.40794	0.302463	2.79733	2.79733
cg20998200	SLC17A6	0.0362833	0.89087	1.06204	1.06204	0.251892	0.591682	-1.6901	0.0472701	0.369642	-2.70532	0.0278348	0.319895	-3.12603	0.0700691	0.4115	-2.43013
cg22364668	SLC17A7	5.87E-05	2.07E-06	5.24908	5.24908	0.58502	1.0814	1.0814	0.0455297	1.38464	1.38464	0.821419	0.968425	-1.0326	0.000375159	0.44615	-2.2414
cg11317158	SLC17A7	0.000164892	0.515257	1.10891	1.10891	0.0186239	0.639595	-1.56349	3.54E-05	0.286332	-3.49245	0.562983	0.912447	-1.09595	7.23E-05	0.322325	-3.10246
cg23409374	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03282345	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01968226	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00740822	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18150383	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02624701	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02615582	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02288564	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08460548	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17789138	SLC17A7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04043695	0.584932	0.937967	-1.06614	0.000664706	1.83127	1.83127	0.649147	1.05462	1.05462	0.368797	0.898368	-1.11313	6.79092	1.44993	0.189786	1
cg15910323	0.0268562	0.421937	-2.37002	0.000819942	0.101278	-9.87377	0.44428	0.807259	-1.23876	0.0170665	2.69963	2.69963	17.381	17.3036	0.442465	1
cg19717347	0.0099256	0.604026	-1.65556	0.135435	1.28285	1.28285	0.145687	0.785217	-1.27353	0.00104086	0.471666	-2.12015	6.42332	2.43728	0.337283	1
cg09035930	0.0660736	2.1565	2.1565	0.00322915	4.47078	4.47078	0.00138477	5.6294	5.6294	0.0780442	2.07462	2.07462	5.61869	12.3623	1.95574	1
cg01356908	0.44234	0.928597	-1.07689	0.360479	1.09298	1.09298	0.307015	0.904832	-1.10518	0.204536	1.13498	1.13498	4.2504	0.602041	0.125905	1
cg02555727	0.188754	0.779097	-1.28354	0.00511772	1.94074	1.94074	0.314279	1.20509	1.20509	0.293759	1.21559	1.21559	4.03376	2.0531	0.452426	1
cg21830849	0.126079	0.618448	-1.61695	0.172614	0.656112	-1.52413	0.607451	1.16235	1.16235	0.794224	1.07885	1.07885	3.88309	5.18396	1.18667	1
cg04826413	0.104913	0.602853	-1.65878	0.324868	1.33689	1.33689	0.106186	1.65517	1.65517	0.732632	0.906708	-1.10289	3.80979	4.9214	1.14825	1
cg10643271	0.442066	0.74867	-1.3357	0.33543	0.69294	-1.44313	0.14337	0.559505	-1.7873	0.969113	1.0144	1.0144	3.74462	8.08766	1.91983	1
cg00343127	0.0374746	0.490916	-2.03701	0.951932	1.01792	1.01792	0.114654	1.65805	1.65805	0.00240894	0.287731	-3.47546	6.47414	8.90557	1.22272	1
cg05253716	0.0743098	1.23995	1.23995	0.00137146	1.65235	1.65235	0.435665	0.917582	-1.08982	0.245209	0.876815	-1.14049	5.3774	0.996152	0.164665	1
cg13617280	0.755938	0.913998	-1.09409	0.0211892	0.449693	-2.22374	0.0809571	1.74738	1.74738	0.0159154	0.426759	-2.34324	5.09196	6.70873	1.17112	1
cg24410690	0.845308	0.96278	-1.03866	0.523401	1.1338	1.1338	0.359519	1.20074	1.20074	0.496915	0.874648	-1.14332	4.06071	2.42494	0.53082	1
cg17097481	0.227141	1.64423	1.64423	0.0146348	0.307617	-3.25079	0.797078	0.903884	-1.10634	0.168277	0.562244	-1.77859	5.35508	13.0449	2.16532	1
cg21276197	0.00462011	1.59612	1.59612	0.365726	0.891099	-1.12221	0.818194	0.971837	-1.02898	0.164967	1.20175	1.20175	5.06514	1.23483	0.216703	1
cg03181943	0.0354265	0.43322	-2.3083	0.0663316	2.02059	2.02059	0.0150372	2.77532	2.77532	0.497409	0.790332	-1.26529	4.6074	8.51252	1.64229	1
cg16374411	0.00981845	1.67647	1.67647	2.23E-05	3.84329	3.84329	0.0505283	1.42299	1.42299	0.281657	1.19376	1.19376	18.4704	7.32981	0.352747	1
cg13181928	0.0307956	1.54637	1.54637	3.32E-05	3.99036	3.99036	0.189891	1.26949	1.26949	0.535142	0.897685	-1.11398	18.3631	8.58966	0.415793	1
cg07011163	0.00222897	1.81995	1.81995	2.42E-05	3.24052	3.24052	0.656595	0.939356	-1.06456	0.985963	1.00246	1.00246	17.8587	5.52817	0.275156	1
cg03892045	0.00574506	2.04115	2.04115	9.64E-05	3.92423	3.92423	0.999975	0.999994	-1.00001	0.841229	0.961241	-1.04032	12.327	7.58358	0.546845	1
cg03712541	0.0001518	5.42366	5.42366	0.00094933	3.48986	3.48986	0.225327	1.35603	1.35603	0.959341	0.987971	-1.01218	10.4937	9.16751	0.679485	1
cg14950751	0.121258	1.4937	1.4937	0.00168813	2.92056	2.92056	0.00474292	2.44929	2.44929	0.983484	1.00496	1.00496	7.0982	6.41262	0.803035	1
cg05031424	0.316639	0.762873	-1.31083	0.772229	1.07884	1.07884	0.567969	1.16288	1.16288	0.0806424	0.602569	-1.65956	6.06268	6.56337	0.962299	1
cg19639560	0.0385243	5.73907	5.73907	0.00366203	17.5402	17.5402	0.0117829	9.90374	9.90374	0.013428	9.31343	9.31343	4.27054	35.9393	7.48056	1
cg02489908	0.0333202	6.23856	6.23856	0.00386255	17.5486	17.5486	0.017067	8.50193	8.50193	0.0302271	6.52386	6.52386	4.11732	35.3265	7.62664	1
cg01019875	0.052467	16.2212	16.2212	0.00539902	102.262	102.262	0.00714136	80.628	80.628	0.0454119	18.1671	18.1671	3.90821	98.8218	22.4762	1
cg15639045	0.358789	1.10608	1.10608	0.757544	0.967456	-1.03364	0.522188	0.933043	-1.07176	0.233555	1.14276	1.14276	7.18572	1.29918	0.160711	1
cg18624900	0.0734993	0.853254	-1.17198	0.00145599	0.69371	-1.44153	4.27E-08	4.63032	4.63032	0.229583	0.904602	-1.10546	61.3672	6.14739	0.0890435	1
cg12084990	0.000713942	0.272367	-3.67151	1.72E-05	0.108229	-9.23966	0.342517	0.781273	-1.27996	0.00278444	0.353233	-2.83099	15.794	15.9348	0.896812	1
cg03616221	0.329174	0.75941	-1.31681	0.249281	0.71959	-1.38968	0.000916044	3.87318	3.87318	0.142849	1.53785	1.53785	10.9023	12.8954	1.0514	1
cg12226009	0.490613	0.809845	-1.2348	0.0728383	0.547296	-1.82717	0.860015	1.05461	1.05461	0.0033696	0.300819	-3.32426	7.55001	10.8495	1.27735	1
cg22901008	0.563372	1.10635	1.10635	0.0219704	0.621631	-1.60867	0.000491396	2.57128	2.57128	0.755348	1.05556	1.05556	7.32235	3.47074	0.421327	1
cg15620114	0.092549	1.51842	1.51842	0.00348819	2.44568	2.44568	0.469679	0.847077	-1.18053	0.294111	1.2783	1.2783	5.85338	4.71951	0.7167	1
cg24305584	0.764859	1.07904	1.07904	0.0752533	0.605123	-1.65256	0.000270871	4.54611	4.54611	0.125446	1.52283	1.52283	5.6022	5.70652	0.905442	1
cg04349243	0.0209842	1.65187	1.65187	0.0142247	0.578926	-1.72734	0.0907689	1.40042	1.40042	0.968825	0.992962	-1.00709	5.55829	2.87557	0.459865	1
cg02584459	0.0142177	0.560279	-1.78483	0.00412831	0.478678	-2.08909	0.299425	1.22874	1.22874	0.223141	1.27785	1.27785	3.65899	2.12609	0.516499	1
cg11960629	0.394022	0.846144	-1.18183	0.00186421	0.429704	-2.32718	0.102676	1.40734	1.40734	0.708986	0.930772	-1.07438	3.50451	2.03241	0.515504	1
cg21577651	0.000201088	0.149471	-6.69025	0.0594514	1.91199	1.91199	0.99587	1.00158	1.00158	0.0190268	2.37468	2.37468	7.46025	10.9658	1.30658	1
cg22884899	0.208482	1.26138	1.26138	0.902113	1.02178	1.02178	0.580635	1.10265	1.10265	0.204341	1.26436	1.26436	4.14207	2.01179	0.43173	1
cg02805871	0.808149	0.979783	-1.02063	1.75E-05	0.478029	-2.09192	0.474919	0.940819	-1.0629	0.520299	0.946756	-1.05624	12.2183	1.36406	0.0992363	1
cg25621735	0.00087877	0.595276	-1.67989	0.0116097	0.720259	-1.38839	6.50E-05	0.46631	-2.1445	0.653379	0.954074	-1.04814	16.3998	2.80956	0.152281	1
cg01021245	0.794203	1.04774	1.04774	5.99E-05	0.266143	-3.75738	0.781867	0.951688	-1.05076	0.00727329	0.539222	-1.85452	9.22736	4.65115	0.448054	1
cg10277956	0.0732922	1.97518	1.97518	0.00207534	0.228212	-4.3819	0.0522487	2.12211	2.12211	0.0657954	0.494812	-2.02097	7.20845	13.2602	1.63514	1
cg21540962	0.0824265	1.35771	1.35771	0.00313133	1.90051	1.90051	0.686962	0.937635	-1.06651	0.807838	0.962008	-1.03949	6.60028	2.64123	0.355706	1
cg24704015	0.0474543	1.49127	1.49127	0.0380355	1.52783	1.52783	0.0250256	0.625067	-1.59983	0.654083	1.08274	1.08274	4.05995	1.9972	0.437269	1
cg26162147	0.000269898	0.573992	-1.74219	1.50E-06	0.322132	-3.10432	0.00993744	0.738906	-1.35335	0.152369	0.867224	-1.1531	42.4035	5.79894	0.121561	1
cg01328949	0.000537899	0.391065	-2.55712	4.33E-06	0.157437	-6.35177	7.34E-05	0.284372	-3.51652	0.00638892	0.53857	-1.85677	34.5861	16.6575	0.428111	1
cg00963079	0.132183	0.832987	-1.2005	1.54E-05	0.365558	-2.73554	0.127274	0.830717	-1.20378	0.889524	0.984491	-1.01575	11.9054	2.38489	0.178063	1
cg03386556	0.317257	1.2387	1.2387	0.1703	1.35309	1.35309	0.1239	1.41202	1.41202	0.0633669	1.54081	1.54081	3.91507	2.65841	0.603573	1
cg18130079	0.0210661	2.11597	2.11597	0.077703	1.69836	1.69836	0.997423	0.999128	-1.00087	0.950123	0.983244	-1.01704	3.50691	4.05312	1.02733	1
cg00058299	0.0406083	1.2113	1.2113	0.000388029	0.632052	-1.58215	0.875314	1.01281	1.01281	0.20093	0.896266	-1.11574	10.2132	1.06338	0.092549	1
cg18787045	0.296824	0.874679	-1.14328	0.717918	0.956086	-1.04593	0.94479	0.991463	-1.00861	0.814504	1.02952	1.02952	45.0331	10.9295	0.215732	1
cg03055372	?	?	?	0.150721	0.639591	-1.5635	0.735036	1.10102	1.10102	0.990153	1.0035	1.0035	17.2376	16.1875	0.804928	1
cg23137494	0.242574	0.732585	-1.36503	0.0321112	0.527953	-1.89411	0.00172938	0.320696	-3.11822	0.00464991	0.383734	-2.60597	8.31219	8.52306	0.911439	1
cg21154114	0.235534	1.37816	1.37816	0.0235855	2.00874	2.00874	0.585678	0.867607	-1.1526	0.606404	0.874514	-1.14349	3.56182	3.75513	0.937134	1
cg23141183	0.0104576	0.391789	-2.5524	0.12126	0.613578	-1.62978	0.453363	0.800855	-1.24867	0.0244778	0.458771	-2.17974	3.99233	5.34459	1.18997	1
cg21453758	3.99E-05	0.201148	-4.97146	0.0116793	0.525423	-1.90323	0.00271049	2.33016	2.33016	0.00722105	0.492626	-2.02994	32.212	21.2774	0.587148	1
cg17752015	0.648578	0.884543	-1.13053	0.00964106	0.416461	-2.40119	0.636999	0.880647	-1.13553	7.88E-05	6.74351	6.74351	9.5158	10.7747	1.00649	1
cg04184297	0.347778	1.7345	1.7345	0.0170318	5.24521	5.24521	0.00998355	6.3809	6.3809	0.0138561	5.65434	5.65434	4.68125	24.0613	4.56883	1
cg08296680	0.237121	3.44217	3.44217	0.0150511	19.729	19.729	0.0154715	19.3853	19.3853	0.0213838	15.7938	15.7938	4.05734	64.0034	14.022	1
cg20531020	0.903469	0.966594	-1.03456	0.424743	0.795901	-1.25644	0.179959	0.671133	-1.49002	0.714264	0.902147	-1.10847	3.48151	4.3241	1.10402	1
cg10241809	0.236173	0.775858	-1.2889	0.000277173	0.296237	-3.37567	0.837646	0.95892	-1.04284	0.0110767	0.521375	-1.91801	8.59069	5.68709	0.58845	1
cg10937494	0.150678	0.71677	-1.39515	0.533608	1.14603	1.14603	0.913884	1.02366	1.02366	0.138433	0.708327	-1.41178	5.41161	4.00582	0.65798	1
cg17817350	0.0898271	1.35695	1.35695	0.12221	1.31447	1.31447	0.406674	0.870607	-1.14862	0.423412	1.14279	1.14279	5.37237	2.26732	0.37514	1
cg23224090	0.7815	1.07818	1.07818	0.0023138	3.16548	3.16548	0.479958	1.21459	1.21459	0.349845	0.770633	-1.29764	3.54038	4.11007	1.03192	1
cg03535830	0.133792	1.70059	1.70059	0.00486174	3.40761	3.40761	0.718188	1.12637	1.12637	0.372709	0.740452	-1.35053	5.87729	10.036	1.51786	1
cg09300114	0.00096737	6.80535	6.80535	7.22E-05	16.8021	16.8021	0.00104791	6.64182	6.64182	0.00184621	5.61842	5.61842	12.5016	30.1778	2.1457	1
cg04305621	0.00470288	2.93199	2.93199	4.05E-05	9.42929	9.42929	0.000660131	4.45355	4.45355	0.00986205	2.5443	2.5443	12.2824	15.9504	1.15435	1
cg04529938	0.0131204	2.48954	2.48954	0.000177662	6.57743	6.57743	0.00229891	3.53732	3.53732	0.200452	1.49329	1.49329	7.37029	10.2626	1.23771	1
cg08434692	0.0216313	0.522221	-1.9149	0.283982	0.769355	-1.29979	0.443462	0.831887	-1.20209	0.00590418	0.428071	-2.33606	7.12158	6.25893	0.781216	1
cg10829727	0.0188577	2.6865	2.6865	0.00576452	3.51462	3.51462	0.000639134	6.18016	6.18016	0.00855788	3.207	3.207	6.63126	12.676	1.69916	1
cg21853806	0.0959725	0.563084	-1.77593	0.591469	1.18554	1.18554	0.0813425	0.545015	-1.83481	0.116047	0.584755	-1.71012	5.80314	9.06982	1.38926	1
cg03732506	0.879918	1.01941	1.01941	0.0074974	1.5492	1.5492	0.0522304	0.75517	-1.3242	0.774494	0.964126	-1.03721	5.68266	1.45577	0.227713	1
cg27619475	0.280826	1.73967	1.73967	0.00070248	12.8297	12.8297	0.18572	1.99991	1.99991	0.0132527	4.55508	4.55508	5.36995	20.7502	3.43478	1
cg06594281	0.640253	1.19955	1.19955	0.00273099	4.9486	4.9486	0.609271	1.22051	1.22051	0.0387532	2.52223	2.52223	4.36618	10.3326	2.10356	1
cg24028094	0.580593	0.840825	-1.18931	0.000256523	0.154129	-6.48808	0.615916	1.17015	1.17015	0.471845	0.796636	-1.25528	7.43089	10.0962	1.35868	1
cg11871280	0.00861674	0.391143	-2.55661	0.00135497	0.271508	-3.68314	0.219841	1.43552	1.43552	0.0230046	0.466754	-2.14245	8.02632	9.98178	1.10545	1
cg10812247	0.465793	0.7051	-1.41824	0.969417	1.01821	1.01821	0.0117485	4.40035	4.40035	0.502283	0.725753	-1.37788	3.39032	11.8998	3.11995	1
cg08420415	0.0363349	1.61339	1.61339	0.640404	1.09689	1.09689	0.357297	0.830194	-1.20454	6.60E-06	7.17492	7.17492	21.5631	13.1961	0.543976	1
cg06876311	0.0406528	1.50516	1.50516	0.00175523	2.16264	2.16264	0.000580072	2.51096	2.51096	0.0106735	1.74241	1.74241	11.6299	5.51257	0.421334	1
cg23668028	0.164868	0.761018	-1.31403	0.0178511	0.58818	-1.70016	0.83281	0.961785	-1.03973	0.45772	0.869891	-1.14957	10.4892	5.64395	0.478287	1
cg23765961	0.516445	1.10145	1.10145	0.208147	1.2152	1.2152	0.523065	1.09973	1.09973	0.0844228	1.3236	1.3236	4.51288	1.54184	0.303691	1
cg02792538	0.133779	3.91373	3.91373	0.0165586	11.8205	11.8205	0.0268312	9.14184	9.14184	0.0301481	8.59673	8.59673	3.56932	40.2467	10.0229	1
cg02164452	0.380922	0.855898	-1.16836	8.89E-06	0.188684	-5.29986	0.122565	0.748489	-1.33602	0.19982	1.26429	1.26429	13.2203	6.27665	0.422021	1
cg24603972	0.121742	0.426098	-2.34688	0.0278152	0.26654	-3.75178	0.627754	0.77998	-1.28208	0.00908117	0.185267	-5.39763	5.31698	21.7778	3.64079	1
cg20193173	0.022552	0.753402	-1.32731	0.00666597	0.694263	-1.44038	0.868846	0.983015	-1.01728	0.0377473	1.28375	1.28375	4.32158	0.735441	0.15127	1
cg04605148	0.894002	1.03286	1.03286	0.941211	1.01805	1.01805	0.939952	1.01844	1.01844	0.0258932	0.526522	-1.89925	3.7814	3.52273	0.828085	1
cg03462556	0.698184	1.1074	1.1074	0.107932	1.5828	1.5828	0.365261	1.27575	1.27575	0.291124	1.33213	1.33213	3.72465	4.04279	0.964813	1
cg22101098	0.738076	0.935836	-1.06856	0.000484221	0.33922	-2.94794	0.142122	1.36593	1.36593	0.0249567	0.59027	-1.69414	11.7162	7.24483	0.549655	1
cg03835296	0.0916918	0.683123	-1.46387	0.107841	0.697624	-1.43344	0.0979687	0.688991	-1.4514	0.197539	0.756139	-1.32251	10.4424	6.96497	0.592878	1
cg19490609	0.000676941	0.262243	-3.81326	0.000480931	0.243927	-4.09958	0.195716	1.42259	1.42259	0.0807614	0.607222	-1.64684	9.63557	10.1266	0.934183	1
cg22988581	0.0498379	0.457588	-2.18537	0.00523522	0.276046	-3.62258	0.00475613	0.269797	-3.7065	0.101833	0.534806	-1.86984	7.87612	15.2342	1.71931	1
cg06885175	0.416775	1.27825	1.27825	0.000817171	0.22483	-4.4478	0.918329	1.03081	1.03081	0.0130709	0.402252	-2.486	6.7572	9.36479	1.23191	1
cg26691898	0.373679	0.877568	-1.13951	0.00232607	1.83702	1.83702	0.055375	0.73302	-1.36422	0.802137	0.964728	-1.03656	6.65734	2.15658	0.287947	1
cg24766398	0.0294159	0.538666	-1.85644	0.00156405	0.334181	-2.99239	0.00441074	0.399855	-2.50091	0.961177	0.988328	-1.01181	4.60058	4.23849	0.818929	1
cg20373747	1.31E-06	0.284489	-3.51507	5.40E-06	0.352165	-2.83958	0.025403	0.763877	-1.30911	0.0501112	0.797361	-1.25414	59.2021	9.63661	0.144689	1
cg20765441	0.244005	1.27521	1.27521	0.766911	1.06108	1.06108	0.00751135	0.503474	-1.9862	0.0717098	0.669615	-1.4934	10.2102	6.43256	0.560012	1
cg09546929	0.0106464	0.386565	-2.58689	0.000300066	0.175427	-5.70037	0.116505	0.603634	-1.65663	0.0731033	0.553448	-1.80685	7.63374	10.5907	1.2332	1
cg27312087	0.502216	0.790487	-1.26504	0.0362982	0.431581	-2.31706	0.246262	0.657959	-1.51985	0.839303	0.932303	-1.07261	4.27909	8.07723	1.67787	1
cg04867634	0.0054306	1.48901	1.48901	0.276994	1.13093	1.13093	0.679957	1.04617	1.04617	0.268948	0.882241	-1.13348	4.08871	0.766846	0.166713	1
cg05948654	0.0403557	0.433905	-2.30465	0.00777271	0.299678	-3.33692	0.346937	0.71073	-1.407	0.650357	0.851394	-1.17454	3.79978	7.48058	1.74994	1
cg22286382	0.0430874	0.40787	-2.45176	0.0141228	0.311284	-3.2125	0.915944	0.960137	-1.04152	0.100877	0.5004	-1.9984	4.22063	9.92441	2.09014	1
cg11876177	0.635931	0.858945	-1.16422	0.00139498	0.228442	-4.37747	0.289926	0.704532	-1.41938	0.0379373	0.46425	-2.15401	4.04723	6.51666	1.43125	1
cg11353929	0.631835	1.27281	1.27281	0.00928947	0.192201	-5.20288	0.731675	1.18768	1.18768	0.162307	0.474497	-2.1075	3.44384	13.6194	3.5153	1
cg21627181	4.25E-05	0.322524	-3.10055	1.46E-06	0.168994	-5.91738	0.000639975	0.466751	-2.14247	0.00186947	0.526572	-1.89908	39.3564	13.1723	0.297504	1
cg09750510	0.0181749	1.5226	1.5226	2.04E-05	0.283146	-3.53174	6.95E-05	0.344666	-2.90136	0.0153445	0.646478	-1.54684	31.3578	10.6725	0.30253	1
cg13261725	0.000139529	0.425999	-2.34742	0.00710882	1.56989	1.56989	9.12E-05	0.403768	-2.47667	0.181653	0.832021	-1.20189	18.6468	4.96801	0.236824	1
cg22865713	0.00108776	0.260696	-3.83588	0.000733362	0.239066	-4.18294	0.0250939	0.475659	-2.10235	0.195458	0.682613	-1.46496	8.71452	10.7334	1.09482	1
cg04083466	0.367373	1.19579	1.19579	0.00498191	0.487831	-2.04989	0.000119009	0.27257	-3.66879	0.469974	0.867672	-1.15251	7.44457	4.3966	0.524959	1
cg27087243	0.313341	1.51461	1.51461	0.0302967	0.362818	-2.7562	0.0608892	0.431244	-2.31887	0.295206	0.649097	-1.5406	7.18917	18.0462	2.23129	1
cg06996739	0.0293712	0.580121	-1.72378	0.211693	0.756395	-1.32206	0.0363116	0.596628	-1.67609	0.240605	0.770508	-1.29785	6.3475	4.52692	0.633938	1
cg15916061	0.113808	0.371125	-2.69451	0.00487531	0.116474	-8.58562	0.0221663	0.205963	-4.85525	0.0969456	0.350051	-2.85672	5.21997	27.4424	4.67305	1
cg16156617	0.0174	0.320712	-3.11806	0.00142775	0.163372	-6.12099	0.0564833	0.428247	-2.3351	0.13571	0.5318	-1.88041	4.7485	11.5999	2.17143	1
cg08794539	0.0844222	1.6117	1.6117	0.0940615	1.58457	1.58457	0.438485	0.820702	-1.21847	0.235416	0.732762	-1.3647	4.07958	4.03965	0.880189	1
cg09257923	0.0179756	0.506048	-1.9761	0.000894489	0.307792	-3.24895	0.0213132	0.51913	-1.9263	0.0127053	0.480133	-2.08276	16.0626	14.2792	0.790199	1
cg13599248	0.157263	0.488297	-2.04793	0.00078167	0.090011	-11.1098	0.212732	0.536877	-1.86262	0.00342048	0.151822	-6.58667	10.1601	36.144	3.16217	1
cg00648153	0.406872	0.910363	-1.09846	0.0136678	1.40153	1.40153	0.0942346	0.815762	-1.22585	0.00514267	1.50535	1.50535	8.05358	1.56261	0.172468	1
cg11742202	0.239054	0.456453	-2.19081	0.000722026	0.0379335	-26.3619	0.337232	0.53296	-1.87631	0.00849162	0.118029	-8.47251	7.83763	50.2206	5.69567	1
cg04332235	0.607725	1.09269	1.09269	0.00201994	0.474438	-2.10776	0.419818	0.868386	-1.15156	0.842351	1.03468	1.03468	4.45191	2.06676	0.41266	1
cg04408379	0.935441	1.01065	1.01065	0.0634146	1.31393	1.31393	0.476466	1.09932	1.09932	0.0181697	0.687194	-1.45519	3.84977	1.04309	0.240842	1
cg01454004	0.0505509	1.45333	1.45333	0.0167463	0.612681	-1.63217	0.0314205	1.52724	1.52724	0.355393	1.17293	1.17293	3.7371	1.66614	0.396299	1
cg03528784	0.970962	0.995267	-1.00476	0.0528577	0.750648	-1.33218	0.214318	1.18578	1.18578	0.0182285	1.4529	1.4529	3.61359	0.972267	0.239163	1
cg16644457	0.000622393	4.81541	4.81541	0.170359	0.646626	-1.54649	0.00787205	2.76775	2.76775	0.617406	0.860386	-1.16227	6.86476	9.69308	1.25512	1
cg09150064	0.114625	0.309007	-3.23617	0.0133443	0.122713	-8.14911	0.0245841	6.24933	6.24933	0.147327	2.89853	2.89853	5.90814	43.8322	6.59461	1
cg09530407	0.0306185	1.77486	1.77486	0.469009	0.846709	-1.18104	0.000850391	3.10308	3.10308	0.260622	1.30345	1.30345	5.88804	4.75749	0.718215	1
cg23834895	0.0688783	0.447453	-2.23487	0.017988	0.321289	-3.11246	0.00357169	4.75446	4.75446	0.68651	0.851919	-1.17382	5.32142	13.1494	2.19647	1
cg24454829	0.204844	0.445115	-2.24661	0.00963426	0.137735	-7.26031	0.0331438	4.51285	4.51285	0.361987	1.76283	1.76283	4.95792	28.7448	5.15356	1
cg24151995	0.0977668	0.354391	-2.82174	0.02816	0.22756	-4.39445	0.0134917	5.73364	5.73364	0.115308	2.65832	2.65832	4.81531	24.8691	4.59075	1
cg04954559	0.224344	0.292545	-3.41827	0.0521882	0.119228	-8.3873	0.0111235	21.435	21.435	0.113942	5.23847	5.23847	4.34287	63.7835	13.0551	1
cg20998200	0.0181038	0.284079	-3.52015	0.00386037	0.18145	-5.51117	0.666863	1.20909	1.20909	0.438957	0.707442	-1.41354	3.81695	11.6205	2.70618	1
cg22364668	0.247462	0.842313	-1.18721	0.162507	0.809283	-1.23566	0.2486	0.842691	-1.18667	0.00195672	1.86145	1.86145	25.5195	8.13988	0.283526	1
cg11317158	0.000886943	0.458269	-2.18213	0.199762	0.808768	-1.23645	6.33E-05	0.315527	-3.1693	0.023992	0.655807	-1.52484	19.3563	7.52546	0.345588	1
cg23409374	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03282345	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01968226	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00740822	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18150383	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02624701	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02615582	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02288564	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08460548	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17789138	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08374499	SLC17A7	0.0363532	0.0113531	0.339557	-2.94502	0.0975452	0.538194	-1.85807	0.0293693	0.417092	-2.39755	0.502491	0.79301	-1.26102	0.0185775	0.378103	-2.64478
cg19063061	SLC17A7	0.0386811	0.683441	0.70215	-1.4242	0.184869	0.29734	-3.36316	0.916141	0.91316	-1.0951	0.193952	3.27194	3.27194	0.067216	0.170483	-5.86568
cg16890796	SLC17A7	0.0432563	0.123736	0.657784	-1.52025	0.270155	1.33441	1.33441	0.326218	0.775163	-1.29005	0.208472	1.39538	1.39538	0.0211368	0.498278	-2.00691
cg12083535	SLC17A8;SLC17A8	0.0256774	0.0748316	0.686425	-1.45682	0.014514	0.564952	-1.77006	0.00676054	0.513895	-1.94592	0.19433	0.770771	-1.2974	0.010598	0.543618	-1.83953
cg07560932	SLC17A9	5.63E-06	0.166246	0.86495	-1.15614	1.01E-05	0.394391	-2.53556	1.26E-07	0.192188	-5.20323	0.477972	1.07348	1.07348	0.626714	1.04935	1.04935
cg15677087	SLC17A9	0.000231208	0.213144	0.827751	-1.20809	0.504504	1.10258	1.10258	0.000297843	0.427889	-2.33705	0.000292915	0.426986	-2.342	0.141723	0.79627	-1.25585
cg22883889	SLC17A9	0.00377714	0.0436783	0.507506	-1.97042	0.602438	1.16615	1.16615	0.767391	1.09063	1.09063	0.671574	1.13285	1.13285	0.00113896	0.246695	-4.0536
cg00688402	SLC17A9	0.00843152	0.00644419	0.424793	-2.35409	0.388836	1.2379	1.2379	0.0100783	0.456274	-2.19167	0.107794	0.654377	-1.52817	0.00302578	0.374542	-2.66993
cg13516768	SLC17A9	0.00868289	0.0468335	0.520944	-1.91959	0.101025	0.597722	-1.67302	0.0271191	0.472554	-2.11616	0.954145	0.983657	-1.01661	0.355333	0.761504	-1.31319
cg21455983	SLC17A9	0.0119896	0.351405	0.829214	-1.20596	0.473973	1.15281	1.15281	0.00413676	0.471984	-2.11871	0.417199	0.850523	-1.17575	0.00104446	0.38769	-2.57938
cg00727912	SLC17A9	0.013182	0.0655224	0.670173	-1.49215	0.196693	1.3025	1.3025	0.707716	1.07565	1.07565	0.704375	0.928851	-1.0766	0.000438422	0.341124	-2.93148
cg00199007	SLC17A9	0.0223903	0.0266061	5.27563	5.27563	0.00946929	8.01071	8.01071	0.184182	2.43886	2.43886	0.202834	2.34163	2.34163	0.300073	0.506804	-1.97315
cg26329715	SLC17A9	0.0238493	0.0352176	4.58854	4.58854	0.0324879	4.73402	4.73402	0.0687172	3.5449	3.5449	0.0414749	4.30767	4.30767	0.817276	0.866099	-1.1546
cg07173972	SLC17A9	0.0325669	0.0202092	9.28926	9.28926	0.0241425	8.49714	8.49714	0.0899707	4.42492	4.42492	0.0948607	4.30926	4.30926	0.440373	0.53463	-1.87045
cg13044838	SLC17A9	0.0343397	0.0946588	0.4302	-2.3245	0.118688	0.459444	-2.17655	0.0102463	0.22626	-4.4197	0.772212	0.875216	-1.14258	0.00506196	0.182344	-5.48414
cg16552454	SLC17A9	0.0496187	0.0304412	3.93014	3.93014	0.0154878	4.94283	4.94283	0.429352	1.54356	1.54356	0.396068	1.59622	1.59622	0.426021	0.645738	-1.54862
cg04478428	SLC17A9;SLC17A9	0.00681193	0.0211763	4.57515	4.57515	0.0043634	8.08107	8.08107	0.16649	2.24675	2.24675	0.175372	2.20504	2.20504	0.706296	1.23088	1.23088
cg01817521	SLC17A9;SLC17A9	0.00723367	0.0154223	6.20029	6.20029	0.00492572	9.8397	9.8397	0.10201	3.00003	3.00003	0.170643	2.44887	2.44887	0.63903	1.33642	1.33642
cg06885284	SLC18A1;SLC18A1;SLC18A1;SLC18A1	0.00597364	0.00538808	0.320327	-3.12181	0.102949	1.74078	1.74078	0.843004	1.06355	1.06355	0.357886	1.3415	1.3415	0.000287127	0.158922	-6.29239
cg01793320	SLC18A1;SLC18A1;SLC18A1;SLC18A1	0.0244949	0.0129819	0.199152	-5.0213	0.551489	1.37076	1.37076	0.0318915	0.268146	-3.72932	0.311194	0.577858	-1.73053	0.00206343	0.103169	-9.69281
cg12089483	SLC18A1;SLC18A1;SLC18A1;SLC18A1	0.0384344	0.53465	0.810837	-1.23329	0.0725826	0.51273	-1.95034	0.4316	0.765172	-1.3069	0.831627	0.931463	-1.07358	0.103813	0.5526	-1.80963
cg00512279	SLC18A2	0.000448774	0.00455889	1.73233	1.73233	0.0497524	0.722149	-1.38476	0.00422663	0.572896	-1.74552	0.389031	1.137	1.137	0.18702	1.22558	1.22558
cg15520443	SLC18A2	0.00362565	0.0118349	0.419535	-2.38359	0.616576	0.869766	-1.14973	0.00159182	0.285809	-3.49884	0.00171496	0.29023	-3.44554	0.000849529	0.250094	-3.9985
cg08521987	SLC18A2	0.0133987	0.0205354	0.347383	-2.87867	0.887888	0.947959	-1.0549	0.568749	1.24388	1.24388	0.0498124	0.428397	-2.33428	0.272968	0.649029	-1.54076
cg20102878	SLC18A2	0.0183281	0.850752	0.975774	-1.02483	0.898774	0.983567	-1.01671	0.000635818	0.505042	-1.98003	0.47231	0.909209	-1.09986	0.621418	0.937245	-1.06696
cg16099210	SLC18A2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0776969	0.554468	-1.80353
cg20457796	SLC18A3;CHAT	0.00433768	0.379594	0.585	-1.7094	0.000506413	25.3359	25.3359	0.502755	0.667276	-1.49863	0.885937	1.08913	1.08913	0.0829293	0.319168	-3.13315
cg08996579	SLC18A3;CHAT	0.00446274	0.283346	1.20278	1.20278	0.00543647	0.545604	-1.83283	0.183048	0.791348	-1.26367	0.74862	1.0547	1.0547	0.341421	1.17631	1.17631
cg14008883	SLC18A3;CHAT	0.0159636	0.625293	0.892574	-1.12035	0.0930322	1.53215	1.53215	0.305389	1.27769	1.27769	0.327165	1.26309	1.26309	0.732539	1.08243	1.08243
cg26813646	SLC18A3;CHAT	0.026287	0.837666	1.05821	1.05821	0.118984	0.62709	-1.59467	0.84897	1.05398	1.05398	0.179989	0.675229	-1.48098	0.443695	0.806244	-1.24032
cg01295399	SLC18A3;CHAT;CHAT;CHAT	0.0370399	0.0756691	4.55731	4.55731	0.0911729	4.16693	4.16693	0.631742	1.44833	1.44833	0.615864	1.47409	1.47409	0.233106	0.383256	-2.60922
cg11940663	SLC19A1	0.00382094	0.0011944	1.58092	1.58092	0.0330728	0.78636	-1.27168	0.0611283	0.815852	-1.22571	0.0207452	0.764503	-1.30804	0.296844	0.90094	-1.10995
cg17243364	SLC19A1	0.0160644	0.00832619	0.640885	-1.56034	0.0217339	1.43826	1.43826	0.327711	1.14257	1.14257	0.127476	1.24287	1.24287	0.0435604	0.736274	-1.35819
cg07996352	SLC19A1	0.0240775	0.635203	1.0616	1.0616	0.843214	0.975536	-1.02508	0.0162297	0.692319	-1.44442	0.071975	1.28559	1.28559	0.974838	1.00395	1.00395
cg10119313	SLC19A1	0.0359101	0.276347	0.793937	-1.25955	0.0947698	0.687838	-1.45383	0.509063	0.872402	-1.14626	0.647636	0.910484	-1.09832	0.737715	0.9338	-1.07089
cg02036950	SLC19A1	0.0443422	0.412175	1.22721	1.22721	0.114878	0.657932	-1.51991	0.512422	0.850245	-1.17613	0.235576	0.738204	-1.35464	0.0941664	0.638039	-1.5673
cg21279603	SLC19A1	0.0452449	0.0316062	0.638399	-1.56642	0.0202319	0.607367	-1.64645	0.0117137	0.570744	-1.7521	0.599145	1.09906	1.09906	0.139501	0.753392	-1.32733
cg20248356	SLC19A2	0.0032188	0.069184	0.828613	-1.20684	0.701229	0.964982	-1.03629	0.00898239	1.35964	1.35964	0.345034	1.0941	1.0941	0.074294	0.832026	-1.20189
cg00691125	SLC19A2	0.00764884	0.85971	1.02011	1.02011	0.0401746	1.30577	1.30577	0.499531	1.08018	1.08018	0.987853	1.00171	1.00171	0.450503	1.09037	1.09037
cg26681912	SLC19A2	0.0304569	0.432749	0.85182	-1.17396	0.220784	0.772694	-1.29417	0.585383	0.895514	-1.11668	0.0234054	0.581267	-1.72038	0.293432	0.803862	-1.244
cg24541193	SLC19A2	0.0401169	0.0639218	0.237555	-4.20956	0.0467173	0.207669	-4.81536	0.0371738	0.188283	-5.31114	0.141972	0.336296	-2.97357	0.0663298	0.241359	-4.14321
cg00893538	SLC19A2;SLC19A2	0.0340537	0.072643	1.41194	1.41194	0.00815288	1.7919	1.7919	0.0575589	1.44761	1.44761	0.654657	1.08064	1.08064	0.0137357	1.69007	1.69007
cg19863633	SLC19A3	0.0229278	0.645874	0.945113	-1.05807	0.0266649	1.37775	1.37775	0.0151086	0.694703	-1.43946	0.382524	1.11546	1.11546	0.0454655	1.323	1.323
cg20440901	SLC19A3	0.044885	0.00802658	0.336579	-2.97107	0.0682601	0.519704	-1.92417	0.514083	1.23631	1.23631	0.466553	1.26811	1.26811	0.365662	1.34712	1.34712
cg23122109	SLC19A3;SLC19A3	0.0446583	0.513169	1.21018	1.21018	0.0369663	0.498123	-2.00754	0.0569127	1.85856	1.85856	0.541969	1.19432	1.19432	0.290374	0.729317	-1.37115
cg13599596	SLC1A1	0.000562956	0.00140403	0.610335	-1.63844	0.00722694	1.44772	1.44772	0.0063219	0.684175	-1.46161	0.117905	1.1987	1.1987	0.000742117	1.72757	1.72757
cg14276488	SLC1A1	0.00508834	0.175033	0.813895	-1.22866	0.010003	0.628588	-1.59087	0.73797	0.953196	-1.0491	0.502636	1.102	1.102	0.558155	0.918927	-1.08823
cg20740024	SLC1A2	0.000165305	0.828361	0.98085	-1.01952	0.630732	1.04408	1.04408	0.198843	1.12852	1.12852	0.271101	1.10742	1.10742	0.565397	0.949567	-1.05311
cg08258650	SLC1A2	0.00160748	0.200608	0.708791	-1.41085	0.0879717	1.61517	1.61517	0.0430839	1.80873	1.80873	0.202061	1.40912	1.40912	0.430316	1.22748	1.22748
cg13844463	SLC1A2	0.00240303	0.0567839	0.658143	-1.51943	0.00232145	0.438086	-2.28266	0.36061	1.20004	1.20004	0.00900447	1.90472	1.90472	0.239387	0.787375	-1.27004
cg21895324	SLC1A2	0.00485291	0.00483106	0.278651	-3.58872	0.0351842	2.31325	2.31325	0.660743	0.859875	-1.16296	0.751523	1.1147	1.1147	0.234624	0.653209	-1.5309
cg24634422	SLC1A2	0.00784655	0.704799	0.931203	-1.07388	0.0288111	0.617061	-1.62059	0.484005	0.875295	-1.14247	0.376679	1.18517	1.18517	0.596977	0.904902	-1.10509
cg07724977	SLC1A2	0.0096808	0.0485268	3.04688	3.04688	0.000756377	14.154	14.154	?	?	?	?	?	?	0.173047	2.03128	2.03128
cg21818891	SLC1A2	0.0126556	0.00332627	0.273282	-3.65923	0.616268	1.1782	1.1782	0.562174	0.826794	-1.20949	0.00176146	0.235464	-4.24693	0.0852469	0.539272	-1.85435
cg10159951	SLC1A2	0.0150012	0.937552	0.976403	-1.02417	0.550865	1.20191	1.20191	0.0957608	1.7465	1.7465	0.295312	1.39203	1.39203	0.224802	1.47488	1.47488
cg22934516	SLC1A2	0.0221043	0.112095	2.88916	2.88916	0.0137478	6.47538	6.47538	0.214531	2.2285	2.2285	0.0926303	3.11074	3.11074	0.261338	0.487556	-2.05105
cg18494399	SLC1A2	0.0310997	?	?	?	?	?	?	0.562274	1.55284	1.55284	0.116567	3.72591	3.72591	0.0260565	8.23016	8.23016
cg25230151	SLC1A2	0.0425739	0.195483	0.329322	-3.03654	0.137234	3.72469	3.72469	0.349451	0.464272	-2.15391	0.0171685	0.0737321	-13.5626	?	?	?
cg25961618	SLC1A2	0.0459112	0.994941	0.998295	-1.00171	0.00978058	0.415147	-2.40879	0.0286519	0.499206	-2.00318	0.146485	1.52113	1.52113	0.214012	0.703212	-1.42205
cg08897844	SLC1A3;SLC1A3	0.00799253	0.00143224	0.468927	-2.13253	0.017134	0.620511	-1.61157	0.0777847	0.724742	-1.3798	0.315192	0.843172	-1.186	0.0966773	0.741163	-1.34923
cg25316853	SLC1A3;SLC1A3	0.00897546	0.905156	0.977348	-1.02318	0.00038226	2.97473	2.97473	0.00294853	2.19179	2.19179	0.263576	0.799293	-1.25111	0.976516	0.994358	-1.00567
cg07254421	SLC1A3;SLC1A3	0.0148594	0.0600725	0.278061	-3.59633	0.002374	0.077532	-12.8979	0.00342626	0.0907742	-11.0163	0.155339	0.399507	-2.50309	0.0162141	0.169584	-5.89678
cg21245981	SLC1A3;SLC1A3;SLC1A3	0.000515744	0.00463292	0.752086	-1.32964	0.000943833	1.45207	1.45207	0.0017653	1.40061	1.40061	0.00433513	0.74949	-1.33424	0.0211529	0.81086	-1.23326
cg11116429	SLC1A3;SLC1A3;SLC1A3	0.0459234	0.780802	1.10619	1.10619	0.827893	1.08195	1.08195	0.00123541	0.181118	-5.52128	0.436193	1.33292	1.33292	0.702758	1.14878	1.14878
cg05147077	SLC1A3;SLC1A3;SLC1A3;SLC1A3	0.0147984	0.629755	0.948868	-1.05389	0.580127	0.94141	-1.06224	0.00310931	1.5481	1.5481	0.0390245	1.29451	1.29451	0.933261	0.990991	-1.00909
cg15841415	SLC1A3;SLC1A3;SLC1A3;SLC1A3	0.0393452	0.673118	1.19803	1.19803	0.0243678	0.319045	-3.13436	0.00337592	0.183134	-5.46049	0.740809	1.15182	1.15182	0.265947	1.63819	1.63819
cg12682392	SLC1A4;SLC1A4	0.000122591	0.00563283	0.41038	-2.43676	0.000321968	0.227671	-4.3923	0.297725	0.775262	-1.28989	0.0104994	0.456694	-2.18965	0.00264678	0.357411	-2.7979
cg09392499	SLC1A4;SLC1A4	0.00240734	0.342197	0.908112	-1.10119	0.00128171	1.58789	1.58789	0.000560322	1.69377	1.69377	0.235374	1.1303	1.1303	0.0144292	0.743077	-1.34576
cg20698421	SLC1A4;SLC1A4	0.0334318	0.137562	2.97754	2.97754	0.518177	1.56354	1.56354	0.193934	2.5542	2.5542	0.111167	3.26741	3.26741	0.0396813	0.197328	-5.06771
cg20064459	SLC1A4;SLC1A4	0.0441898	0.117539	0.54856	-1.82295	0.0157669	0.3517	-2.84333	0.0594256	0.471613	-2.12038	0.224439	0.637148	-1.56949	0.00489404	0.267863	-3.73325
cg00877964	SLC1A4;SLC1A4;SLC1A4	0.00110013	0.179733	0.91328	-1.09495	0.00179154	1.32695	1.32695	0.00689622	1.2494	1.2494	0.0885483	1.12706	1.12706	0.66247	0.972425	-1.02836
cg18078305	SLC1A4;SLC1A4;SLC1A4	0.039786	0.702296	1.11051	1.11051	0.0436723	1.8832	1.8832	0.738233	1.09587	1.09587	0.0180962	0.456791	-2.18918	0.0201875	0.465505	-2.14821
cg12297570	SLC1A5	0.000520805	0.00336227	0.643034	-1.55513	0.00829231	1.4529	1.4529	0.0344476	1.31391	1.31391	0.447066	1.08956	1.08956	0.226274	0.868814	-1.15099
cg08533710	SLC1A5	0.0330794	0.355595	1.35632	1.35632	0.00234305	3.9046	3.9046	0.0517072	2.03434	2.03434	0.0187578	2.49284	2.49284	0.329598	0.724194	-1.38084
cg23391214	SLC1A5	0.0409963	0.287553	0.638698	-1.56568	0.00180523	6.06043	6.06043	0.688109	0.848881	-1.17802	0.356379	1.46983	1.46983	0.31221	0.65413	-1.52875
cg01409659	SLC1A5;SLC1A5	0.0117968	0.0833296	0.773885	-1.29218	0.175469	0.824771	-1.21246	0.342202	1.13981	1.13981	0.711183	1.05099	1.05099	0.740669	1.04541	1.04541
cg01332181	SLC1A5;SLC1A5	0.0139961	0.940621	0.986896	-1.01328	0.0667578	0.694927	-1.439	0.240898	0.804615	-1.24283	0.9106	0.980308	-1.02009	0.975241	1.00551	1.00551
cg11810310	SLC1A5;SLC1A5	0.0258512	0.912944	0.977733	-1.02277	0.00175976	2.50348	2.50348	0.160974	1.36112	1.36112	0.391262	1.19826	1.19826	0.244182	1.28516	1.28516
cg24100705	SLC1A5;SLC1A5	0.0317972	0.180875	0.559806	-1.78633	0.820922	1.09701	1.09701	0.796222	1.11147	1.11147	0.00114458	0.141898	-7.04734	0.305288	0.648237	-1.54265
cg18762674	SLC1A5;SLC1A5;SLC1A5	0.000493799	0.153486	1.19709	1.19709	0.000659701	0.541145	-1.84793	0.00473404	0.64298	-1.55526	0.041141	1.31962	1.31962	0.00630477	1.52007	1.52007
cg01406381	SLC1A5;SLC1A5;SLC1A5	0.00972626	0.00807585	0.144695	-6.91108	0.000885678	0.0585172	-17.089	0.00639634	0.132439	-7.55063	0.0589	0.296539	-3.37224	0.00651641	0.133384	-7.49715
cg03359362	SLC1A5;SLC1A5;SLC1A5	0.0425231	0.0130872	0.239446	-4.1763	0.0397114	0.331375	-3.01773	0.00663104	0.194646	-5.13753	0.0504193	0.354998	-2.81692	0.16707	0.504543	-1.98199
cg15114651	SLC1A5;SLC1A5;SLC1A5	0.0481637	0.0317694	0.329797	-3.03217	0.0750948	0.417487	-2.39529	0.0151938	0.26869	-3.72176	0.143807	0.500497	-1.99801	0.0821679	0.42797	-2.33661
cg25607249	SLC1A5;SLC1A5;SLC1A5;SLC1A5	0.00262548	0.000259522	0.136453	-7.32852	0.00140252	0.215769	-4.63459	0.00773358	0.32173	-3.10819	0.0071194	0.315917	-3.16539	0.00501278	0.292088	-3.42362
cg21766592	SLC1A5;SLC1A5;SLC1A5;SLC1A5	0.0242664	0.00176738	0.139036	-7.19239	0.0284437	0.317999	-3.14467	0.332262	0.642018	-1.55759	0.0351788	0.337231	-2.96532	0.00639711	0.207671	-4.81531
cg12165685	SLC1A5;SLC1A5;SLC1A5;SLC1A5	0.0427223	0.00399238	0.174392	-5.7342	0.125562	0.473212	-2.11322	0.120998	0.468186	-2.1359	0.0164016	0.266106	-3.7579	0.0104569	0.233477	-4.28307
cg11645155	SLC1A5;SLC1A5;SLC1A5;SLC1A5	0.0439097	0.0229408	0.349252	-2.86326	0.00441212	0.230079	-4.34633	0.0669268	0.452002	-2.21238	0.0612844	0.442526	-2.25976	0.0223766	0.347143	-2.88066
cg22198397	SLC1A6	0.000115735	7.22E-05	0.234944	-4.25633	0.549454	0.885689	-1.12906	0.167132	0.744404	-1.34336	0.0566752	1.5409	1.5409	2.74E-05	0.190657	-5.24502
cg16377872	SLC1A6	0.00344768	0.00730729	0.417703	-2.39404	0.774314	0.930011	-1.07526	0.00250977	0.346674	-2.88455	0.0174798	0.481874	-2.07523	0.00547599	0.397763	-2.51406
cg22175856	SLC1A6	0.0469141	0.0214947	0.115704	-8.64278	0.0225901	0.118567	-8.43406	0.0717679	0.208078	-4.80589	0.133853	0.282937	-3.53435	0.0368213	0.150504	-6.64435
cg25762078	SLC1A7	0.00168952	0.00984123	0.337594	-2.96214	0.0428422	0.460319	-2.17241	0.0220427	0.400932	-2.49419	0.576848	0.828927	-1.20638	0.00424257	0.27974	-3.57475
cg03511974	SLC1A7	0.00192704	0.337015	0.80892	-1.23622	0.0308595	1.72135	1.72135	0.265963	1.28187	1.28187	0.929765	1.01907	1.01907	0.00011482	0.23469	-4.26094
cg08121408	SLC1A7	0.00215649	0.644073	1.10256	1.10256	0.00192224	0.397881	-2.51332	0.000170992	0.261677	-3.8215	0.343532	0.814827	-1.22725	0.0877242	0.673317	-1.48519
cg26060003	SLC1A7	0.00218268	0.366437	0.892979	-1.11985	0.0128565	0.686015	-1.45769	0.103678	0.80486	-1.24245	0.432468	0.906897	-1.10266	4.87E-05	0.393946	-2.53842
cg09551072	SLC1A7	0.00325426	0.17707	0.868213	-1.15179	0.000124299	1.93267	1.93267	0.141662	1.16842	1.16842	0.508668	1.06827	1.06827	0.16021	1.15926	1.15926
cg18046365	SLC1A7	0.00583782	0.135744	1.83204	1.83204	0.00381681	4.34447	4.34447	0.063846	2.19122	2.19122	0.233259	1.60102	1.60102	0.00522953	0.249751	-4.00398
cg08037774	SLC1A7	0.00744566	0.306286	0.779788	-1.2824	0.444992	1.20063	1.20063	0.769107	0.933211	-1.07157	0.00631949	0.433844	-2.30497	0.0501955	0.591973	-1.68927
cg00532936	SLC1A7	0.0136537	0.412746	0.886231	-1.12837	0.43036	0.890395	-1.1231	0.0015106	0.517265	-1.93324	0.542269	0.914876	-1.09304	0.0237254	0.677482	-1.47605
cg05414613	SLC1A7	0.0188294	0.067301	0.641738	-1.55827	0.0159315	0.528043	-1.89379	0.0410314	0.60044	-1.66544	0.66065	0.90885	-1.10029	0.0155876	0.526455	-1.8995
cg04142017	SLC1A7	0.0253219	0.253005	0.625688	-1.59824	0.826071	0.917195	-1.09028	0.0275809	0.359425	-2.78222	0.843998	1.08045	1.08045	0.00136417	0.161165	-6.20481
cg01132471	SLC1A7	0.0372874	0.129929	0.603347	-1.65742	0.010195	0.367664	-2.71987	0.131218	0.604528	-1.65418	0.777929	1.09125	1.09125	0.00216282	0.264556	-3.77992
cg20741386	SLC1A7	0.0392865	0.0887076	1.68007	1.68007	0.3731	1.28742	1.28742	0.92802	1.02528	1.02528	0.0695485	1.7522	1.7522	0.0357958	0.509191	-1.9639
cg07986907	SLC20A1	2.16E-06	3.20E-07	0.370273	-2.70071	4.26E-05	0.595108	-1.68037	0.000190005	0.657256	-1.52148	0.0899278	0.882762	-1.13281	0.217606	1.09039	1.09039
cg19599386	SLC20A1	0.0233507	0.760745	0.913609	-1.09456	0.696622	0.890552	-1.1229	0.00928255	0.376613	-2.65524	0.0973018	0.583734	-1.71311	0.00688252	0.355189	-2.8154
cg05422897	SLC20A1	0.0362994	0.0873845	0.825819	-1.21092	0.0939562	1.20534	1.20534	0.0462503	1.26057	1.26057	0.241055	0.882975	-1.13253	0.750931	1.03282	1.03282
cg10552282	SLC20A1	0.0421571	0.0336372	0.475033	-2.10512	0.00413317	0.315513	-3.16944	0.0911048	0.572204	-1.74763	0.59159	0.850041	-1.17641	0.877585	0.954814	-1.04732
cg26703507	SLC20A1	0.0428278	0.0275253	0.375283	-2.66466	0.897139	1.04983	1.04983	0.488697	1.30274	1.30274	0.999863	1.00006	1.00006	0.149419	0.559225	-1.78819
cg04025550	SLC20A2	5.45E-07	0.137932	0.864256	-1.15706	0.222212	0.889446	-1.1243	0.108008	0.852017	-1.17369	0.0018218	0.667204	-1.49879	6.79E-09	0.108408	-9.22441
cg00409552	SLC20A2	0.000258319	0.695233	0.956356	-1.04564	0.000370803	0.524278	-1.90738	0.000874365	0.567937	-1.76076	0.00568394	1.50854	1.50854	0.0588908	1.27354	1.27354
cg10308027	SLC20A2	0.00498013	0.402457	0.635661	-1.57316	0.0170799	0.214941	-4.65243	0.0236305	0.239571	-4.17413	0.0196386	0.225242	-4.43967	0.00510868	0.141356	-7.07435
cg26248082	SLC20A2	0.0107922	0.63619	0.89249	-1.12046	0.933733	0.980345	-1.02005	0.0929584	0.643264	-1.55457	0.522153	0.856548	-1.16748	0.59775	1.13553	1.13553
cg10806146	SLC20A2	0.0160871	0.380336	0.594316	-1.68261	0.350995	0.574042	-1.74203	0.56214	1.4034	1.4034	0.0438461	0.261965	-3.81731	0.0377701	0.248294	-4.02748
cg05937663	SLC20A2	0.0183915	0.364626	0.860978	-1.16147	0.0816748	1.36348	1.36348	0.60632	0.919867	-1.08711	0.577694	1.09458	1.09458	0.00133814	0.472784	-2.11513
cg11947423	SLC20A2	0.02577	0.0529748	0.594634	-1.68171	0.553363	0.867861	-1.15226	0.20015	0.726234	-1.37697	0.614796	0.886976	-1.12743	0.840896	0.953602	-1.04866
cg14335429	SLC20A2	0.0315499	0.346787	1.35677	1.35677	0.0222571	2.36995	2.36995	0.139872	1.64913	1.64913	0.0111029	2.72574	2.72574	0.234587	0.67545	-1.48049
cg18501945	SLC20A2	0.0404289	0.975789	1.00709	1.00709	0.00421923	2.43914	2.43914	0.156102	1.42351	1.42351	0.870915	0.962859	-1.03857	0.53101	0.862699	-1.15915
cg06070755	SLC22A10	3.25E-05	3.45E-05	0.0814171	-12.2824	0.0549619	1.97685	1.97685	0.0791089	0.543089	-1.84132	0.000205055	0.142544	-7.01539	1.13E-05	0.0539366	-18.5403
cg01306183	SLC22A10;SLC22A10	0.00195187	0.00400568	0.0925513	-10.8048	0.000552635	0.0368929	-27.1055	0.00754862	0.12058	-8.29327	0.0470387	0.246879	-4.05057	0.0105043	0.137829	-7.25536
cg16351441	SLC22A10;SLC22A10	0.0318253	0.0460619	0.1084	-9.22507	0.00826269	0.0375226	-26.6506	0.0315684	0.0862651	-11.5922	0.189775	0.259261	-3.85712	0.0392563	0.0984257	-10.16
cg23361590	SLC22A11	0.00125194	0.0436111	0.67456	-1.48245	0.0229567	0.630239	-1.5867	0.000541204	0.401399	-2.49129	0.704133	1.06689	1.06689	0.000133289	0.325022	-3.07671
cg24045078	SLC22A11	0.00264822	0.00048962	0.285511	-3.50249	0.501962	1.16927	1.16927	0.100334	0.661576	-1.51154	0.0379086	0.575578	-1.73738	0.000233289	0.246389	-4.05862
cg12882392	SLC22A11	0.00369971	0.688711	0.939288	-1.06464	0.00247971	0.519865	-1.92357	0.0197642	0.645454	-1.5493	0.581772	0.917115	-1.09038	0.794679	1.0414	1.0414
cg04885574	SLC22A11	0.00567855	0.0570547	0.679166	-1.47239	0.234397	0.79933	-1.25105	0.0275569	0.626096	-1.5972	0.0455839	0.662366	-1.50974	0.0427942	0.657715	-1.52042
cg00270878	SLC22A11	0.00589626	0.260371	0.52372	-1.90942	0.112419	0.3859	-2.59134	0.718437	0.819155	-1.22077	0.448362	0.653318	-1.53065	0.000233083	0.0346108	-28.8927
cg24624173	SLC22A11	0.0285815	0.0588487	0.613979	-1.62872	0.115103	0.675945	-1.47941	0.00854076	0.464361	-2.1535	0.276967	0.772225	-1.29496	0.00634582	0.443852	-2.253
cg26275110	SLC22A11	0.0426152	0.0358216	0.479772	-2.08432	0.702475	1.12234	1.12234	0.00465449	0.322449	-3.10127	0.0716865	0.546204	-1.83082	0.0155833	0.409877	-2.43975
cg09231725	SLC22A12;SLC22A12	0.000106631	0.17056	0.861353	-1.16096	0.375568	1.09747	1.09747	1.20E-06	0.277219	-3.60725	0.739442	1.03472	1.03472	0.324328	0.901139	-1.10971
cg24285942	SLC22A12;SLC22A12	0.0014994	0.647012	0.769613	-1.29935	0.006464	0.133841	-7.47156	0.0359097	0.250008	-3.99987	0.00179138	0.0801571	-12.4755	9.32E-05	0.0190869	-52.392
cg09883841	SLC22A12;SLC22A12	0.00210611	0.0627179	0.632795	-1.58029	7.57E-05	0.208298	-4.80082	0.00354868	0.421704	-2.37133	0.689645	0.916026	-1.09167	0.72247	0.925037	-1.08104
cg17993949	SLC22A12;SLC22A12	0.00385507	0.310512	0.777268	-1.28656	0.0652692	0.608404	-1.64365	5.98E-05	0.168284	-5.94233	0.3516	0.794385	-1.25884	0.00852528	0.446621	-2.23903
cg07445167	SLC22A12;SLC22A12	0.00692952	0.000706587	0.426592	-2.34416	0.0719142	0.717768	-1.39321	0.0590003	0.703319	-1.42183	0.87227	1.02691	1.02691	0.193594	0.79688	-1.25489
cg22348001	SLC22A12;SLC22A12	0.00975725	0.642995	1.34189	1.34189	0.0185072	0.165356	-6.04757	0.0336442	0.209444	-4.77454	0.00652559	0.107868	-9.2706	0.0012238	0.050783	-19.6916
cg05190072	SLC22A12;SLC22A12	0.0176879	0.0937023	0.414638	-2.41174	0.100871	0.423942	-2.35881	0.0541482	0.352114	-2.83999	0.0321374	0.301595	-3.31571	0.000595029	0.0795276	-12.5742
cg09797913	SLC22A12;SLC22A12	0.019604	0.755395	0.916338	-1.0913	0.00533906	0.358425	-2.78998	0.00256801	0.310708	-3.21846	0.936556	1.02251	1.02251	0.343518	0.761234	-1.31366
cg12355794	SLC22A13	0.000863153	6.44E-05	0.261644	-3.82199	0.191734	0.77702	-1.28697	0.0341441	0.636807	-1.57034	0.137542	0.746804	-1.33904	0.00650856	0.524374	-1.90704
cg24867653	SLC22A13	0.0026779	0.00636779	0.298465	-3.35047	0.145857	0.587629	-1.70175	0.00798663	0.31421	-3.18258	0.00141614	0.20745	-4.82043	0.00144925	0.208686	-4.7919
cg14511417	SLC22A13	0.00316096	0.00118979	0.116203	-8.60562	0.501891	1.36168	1.36168	0.0134102	0.249821	-4.00286	0.552077	1.31324	1.31324	0.000345449	0.0736609	-13.5757
cg25411725	SLC22A13	0.0380143	0.511596	0.94421	-1.05909	0.190898	1.12685	1.12685	0.0222678	0.789587	-1.26648	0.636845	1.04186	1.04186	0.105664	1.16465	1.16465
cg08934427	SLC22A14	2.06E-06	0.033093	1.22032	1.22032	0.207699	0.899276	-1.112	0.0525086	0.838466	-1.19265	6.17E-05	0.554077	-1.8048	0.00575822	0.748876	-1.33533
cg09704049	SLC22A14	0.000129453	0.465454	1.07571	1.07571	0.902319	1.01214	1.01214	0.143688	0.856966	-1.16691	3.21E-06	0.338446	-2.95468	0.00135965	0.633269	-1.57911
cg27520549	SLC22A14	0.00122266	0.238296	0.754628	-1.32516	0.00142315	0.349241	-2.86335	0.0013055	0.344073	-2.90636	0.0678156	1.59401	1.59401	0.0689592	0.628842	-1.59023
cg16558203	SLC22A14	0.0144573	0.0784167	0.394099	-2.53743	0.300048	1.66781	1.66781	0.192412	0.518339	-1.92924	0.00722296	0.19183	-5.21296	0.0172947	0.251329	-3.97885

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08374499	0.0303395	0.419986	-2.38103	0.00937275	0.3254	-3.07314	0.077442	0.512283	-1.95205	0.125054	0.567899	-1.76088	3.81428	7.01523	1.63485	1
cg19063061	0.639703	1.50177	1.50177	0.125238	0.239009	-4.18394	0.00586219	22.437	22.437	0.0638766	6.02838	6.02838	3.7288	43.9321	10.4727	1
cg16890796	0.600664	0.875725	-1.14191	0.040111	0.551033	-1.81477	0.340481	0.781282	-1.27995	0.0275482	1.92474	1.92474	3.57793	3.57733	0.88874	1
cg12083535	0.274332	0.805989	-1.24071	0.173626	1.31589	1.31589	0.87604	0.970833	-1.03004	0.556755	1.1193	1.1193	4.31685	2.45837	0.506208	1
cg07560932	0.0700551	0.819502	-1.22025	0.11359	1.18437	1.18437	0.00350853	0.677629	-1.47573	0.000244997	0.55122	-1.81416	47.0809	7.20257	0.135985	1
cg15677087	0.189634	1.22181	1.22181	0.000202513	2.45629	2.45629	0.00608016	1.67613	1.67613	0.017191	0.657951	-1.51987	17.6618	5.81567	0.292693	1
cg22883889	0.00467884	3.00331	3.00331	0.0278609	0.467599	-2.13859	0.00876357	2.65509	2.65509	0.782645	0.922302	-1.08424	7.98914	10.8235	1.20425	1
cg00688402	0.00269712	0.367204	-2.72328	0.0968563	0.643774	-1.55334	0.104454	0.651233	-1.53555	0.0196139	0.505917	-1.97661	6.23994	5.77107	0.822097	1
cg13516768	0.932186	0.975907	-1.02469	0.000179859	0.162487	-6.15435	0.0255841	0.467638	-2.13841	0.590195	0.855732	-1.16859	6.18226	8.04011	1.15601	1
cg21455983	0.949189	1.01252	1.01252	0.105089	1.41316	1.41316	0.0568943	0.65653	-1.52316	0.338769	0.824853	-1.21234	5.57506	3.36695	0.536828	1
cg00727912	0.793005	1.05224	1.05224	0.38754	0.842414	-1.18707	0.080855	1.45473	1.45473	0.57557	1.11574	1.11574	5.40553	3.20945	0.527763	1
cg00199007	0.13479	2.77423	2.77423	0.0559815	3.93574	3.93574	0.00314519	12.8661	12.8661	0.0370022	4.63144	4.63144	4.52653	28.7139	5.63864	1
cg26329715	0.346237	1.82669	1.82669	0.155903	2.56764	2.56764	0.00223096	14.2975	14.2975	0.0104745	7.39851	7.39851	4.42905	27.0637	5.43155	1
cg07173972	0.138114	3.56292	3.56292	0.0860193	4.52529	4.52529	0.00625927	17.0305	17.0305	0.0255519	8.25981	8.25981	3.96883	39.8073	8.91555	1
cg13044838	0.119152	0.459969	-2.17406	0.270355	0.59037	-1.69385	0.0176816	0.265816	-3.762	0.0268196	0.299875	-3.33472	3.89385	13.0035	2.96844	1
cg16552454	0.210102	2.03534	2.03534	0.149631	2.29614	2.29614	0.0069477	6.54856	6.54856	0.0626666	3.08679	3.08679	3.398	15.581	4.07585	1
cg04478428	0.0812855	2.88753	2.88753	0.000814168	15.9574	15.9574	0.00201689	10.9167	10.9167	0.0183635	4.80706	4.80706	6.67148	31.8133	4.23871	1
cg01817521	0.0439665	4.14112	4.14112	0.00162845	15.9754	15.9754	0.00108818	19.2793	19.2793	0.0360035	4.46915	4.46915	6.54766	39.0732	5.30444	1
cg06885284	0.944696	0.978674	-1.02179	0.322745	1.37352	1.37352	0.953715	0.982126	-1.0182	0.169317	0.634471	-1.57612	6.9486	10.6254	1.35924	1
cg01793320	0.152248	0.448111	-2.23159	0.0624042	0.333598	-2.99762	0.786688	1.15255	1.15255	0.0629699	0.334579	-2.98883	4.38824	19.0411	3.857	1
cg12089483	0.277702	1.45706	1.45706	0.00108055	0.200032	-4.99919	0.619775	0.84638	-1.1815	0.162071	0.607867	-1.6451	3.73755	6.58204	1.56538	1
cg00512279	0.921898	0.985838	-1.01437	0.00017639	0.396559	-2.52169	0.000480237	2.21838	2.21838	0.050218	1.38359	1.38359	14.7249	4.93327	0.297804	1
cg15520443	0.424916	0.798339	-1.2526	0.0258662	0.48133	-2.07758	0.298813	1.34668	1.34668	0.0814718	0.586408	-1.7053	8.0879	9.7855	1.07546	1
cg08521987	0.776078	0.897587	-1.1141	0.268546	1.54746	1.54746	0.000864943	6.64876	6.64876	0.812138	0.91374	-1.0944	5.37677	12.2241	2.02089	1
cg20102878	0.167382	0.825625	-1.2112	0.288524	1.15425	1.15425	0.0313558	1.38926	1.38926	0.886953	0.981651	-1.01869	4.84558	1.30087	0.238635	1
cg16099210	0.0493988	0.509406	-1.96307	0.00631323	0.343089	-2.91469	0.257006	1.42735	1.42735	0.95992	0.984998	-1.01523	4.47504	6.41169	1.27357	1
cg20457796	0.506605	0.66978	-1.49303	0.944936	1.04194	1.04194	0.000807576	20.2162	20.2162	0.359246	1.75192	1.75192	7.66257	42.937	4.98087	1
cg08996579	0.0112728	0.591095	-1.69178	0.000216704	0.359821	-2.77916	0.232305	0.812625	-1.23058	0.125196	0.759643	-1.31641	7.59686	3.30118	0.386263	1
cg14008883	0.455464	0.839019	-1.19187	0.078932	0.637331	-1.56904	0.000448564	3.59	3.59	0.919683	0.976981	-1.02356	5.07484	4.28518	0.750575	1
cg26813646	0.344819	0.764643	-1.3078	0.000387334	0.209941	-4.76324	0.288216	0.737803	-1.35537	0.867922	0.955136	-1.04697	4.28161	5.15757	1.07074	1
cg01295399	0.482897	0.578676	-1.72808	0.0752641	0.218864	-4.56904	0.0123364	10.9145	10.9145	0.0202923	8.55427	8.55427	3.78837	35.3043	8.28365	1
cg11940663	0.00355949	1.46362	1.46362	0.167762	1.15235	1.15235	0.938083	0.992535	-1.00752	0.316733	1.10498	1.10498	7.9615	1.17289	0.130951	1
cg17243364	0.0657514	0.761545	-1.31312	0.611285	0.934618	-1.06996	0.0393349	0.730142	-1.3696	0.115672	0.798034	-1.25308	5.06422	1.39591	0.245014	1
cg07996352	0.923687	0.988088	-1.01206	0.0016507	1.75657	1.75657	0.509039	0.91963	-1.08739	0.60418	0.936682	-1.0676	4.41447	1.09374	0.220232	1
cg10119313	0.141587	0.724617	-1.38004	0.00124397	0.382345	-2.61544	0.0878468	1.46803	1.46803	0.4942	0.868073	-1.15198	3.83131	2.52007	0.584673	1
cg02036950	0.00129121	0.318205	-3.14262	0.828373	1.05445	1.05445	0.833208	1.05284	1.05284	0.825446	1.05542	1.05542	3.545	3.34774	0.839427	1
cg21279603	0.188801	1.28137	1.28137	0.490266	0.882682	-1.13291	0.328791	1.1966	1.1966	0.56718	0.902131	-1.10849	3.51837	1.76701	0.446423	1
cg20248356	0.0184055	0.767628	-1.30271	0.000798312	0.626114	-1.59715	0.38176	0.920398	-1.08649	0.00970156	1.3533	1.3533	8.38081	1.13489	0.120369	1
cg00691125	0.65188	1.05243	1.05243	0.000172506	0.487769	-2.05015	0.371307	1.10882	1.10882	0.421161	0.911676	-1.09688	6.43425	1.29031	0.178256	1
cg26681912	0.0322424	0.605083	-1.65267	0.00254094	0.432104	-2.31426	0.407295	1.18508	1.18508	0.195352	1.31569	1.31569	4.06493	2.58367	0.564977	1
cg24541193	0.101478	0.290069	-3.44745	0.0058786	0.0830679	-12.0383	0.628388	1.40023	1.40023	0.0215837	0.148893	-6.71622	3.67918	27.7609	6.70702	1
cg00893538	0.100018	1.364	1.364	0.0979059	0.731438	-1.36717	0.900205	0.978622	-1.02184	0.182577	1.27588	1.27588	3.90562	1.83516	0.417668	1
cg19863633	0.152206	1.20579	1.20579	0.00885593	1.50156	1.50156	0.601365	0.937711	-1.06643	0.181959	1.18869	1.18869	4.48972	1.05852	0.209568	1
cg20440901	0.758078	0.905703	-1.10412	0.0744509	1.89107	1.89107	0.354771	0.736981	-1.35689	0.04052	0.46842	-2.13483	3.5289	5.74418	1.44689	1
cg23122109	0.00892929	0.384097	-2.60351	0.123819	0.619127	-1.61518	0.480555	0.813614	-1.22908	0.285635	1.37576	1.37576	3.5356	4.63356	1.16493	1
cg13599596	0.02454	1.33097	1.33097	0.00311571	1.53967	1.53967	0.0804901	1.2299	1.2299	0.00430138	1.50309	1.50309	13.8272	2.49505	0.160395	1
cg14276488	0.0731159	0.751749	-1.33023	0.000285648	0.429227	-2.32977	0.426173	1.123	1.123	0.0250402	1.46317	1.46317	7.29944	2.3564	0.286951	1
cg20740024	0.000595042	0.623714	-1.6033	0.00081106	1.56802	1.56802	1.47E-05	2.22889	2.22889	0.00121109	1.52494	1.52494	19.3432	2.42953	0.111645	1
cg08258650	0.14548	1.48882	1.48882	0.653015	1.12213	1.12213	0.968238	0.989913	-1.01019	1.86E-05	9.19954	9.19954	10.2726	10.5475	0.912677	1
cg13844463	0.015742	0.563156	-1.77571	0.0150033	0.559811	-1.78632	0.00630693	0.501462	-1.99417	0.0167453	1.76219	1.76219	9.13772	5.44827	0.52999	1
cg21895324	0.701046	0.876464	-1.14095	0.000993834	0.18789	-5.32228	0.0104422	3.0103	3.0103	0.167167	0.604489	-1.65429	7.40573	13.705	1.64498	1
cg24634422	0.0711862	1.45852	1.45852	0.651264	1.08895	1.08895	0.953467	1.01099	1.01099	0.000228598	3.14735	3.14735	6.3829	3.54521	0.493709	1
cg07724977	?	?	?	0.0565246	2.9029	2.9029	0.442885	0.683946	-1.4621	0.0496575	3.02466	3.02466	7.27501	17.623	2.82614	1
cg21818891	0.822231	1.07577	1.07577	0.876944	0.950953	-1.05158	0.951126	1.02009	1.02009	0.00707868	0.323201	-3.09405	5.47792	9.13865	1.48291	1
cg10159951	0.0387174	2.07421	2.07421	0.372655	0.756586	-1.32173	0.846413	1.06088	1.06088	0.000297733	6.01554	6.01554	5.18056	7.62083	1.30759	1
cg22934516	0.787735	0.847469	-1.17998	0.921997	1.0619	1.0619	0.00107052	19.3752	19.3752	0.666028	1.30512	1.30512	4.54655	27.0801	5.29439	1
cg18494399	0.138537	0.293539	-3.4067	0.343011	2.09341	2.09341	0.564825	0.645887	-1.54826	0.00404333	25.5289	25.5289	5.18993	34.0828	5.62895	1
cg25230151	0.368815	0.479891	-2.08381	0.110985	4.21143	4.21143	0.0511188	6.67231	6.67231	0.0569608	6.24713	6.24713	5.22218	41.2131	4.93246	1
cg25961618	0.925835	0.975255	-1.02537	0.082144	1.67919	1.67919	0.206452	1.43135	1.43135	0.824448	0.941962	-1.06161	3.49913	4.0137	1.01961	1
cg08897844	0.310812	1.18796	1.18796	0.00158292	0.474752	-2.10636	0.267801	1.20876	1.20876	0.387803	0.864687	-1.15649	6.34601	2.71148	0.379799	1
cg25316853	0.552435	1.12247	1.12247	0.590739	0.900905	-1.11	0.502732	1.13968	1.13968	0.339433	1.20836	1.20836	6.11767	3.58019	0.520197	1
cg07254421	0.223899	0.462539	-2.16198	0.0164715	0.170614	-5.86117	0.757609	1.20539	1.20539	0.0897042	0.3234	-3.09215	5.19685	29.9703	5.12623	1
cg21245981	0.197714	0.902145	-1.10847	0.00362543	0.742487	-1.34683	0.00616887	0.763235	-1.31021	0.0445526	0.839904	-1.19061	14.1681	1.28368	0.0805366	1
cg11116429	0.213727	1.60581	1.60581	0.158268	0.579457	-1.72575	0.6407	0.843626	-1.18536	0.727662	0.881197	-1.13482	3.49878	7.25203	1.84243	1
cg05147077	0.477934	1.08108	1.08108	0.811025	0.97445	-1.02622	0.00876395	0.697156	-1.4344	0.028715	1.32153	1.32153	5.20391	0.962245	0.164363	1
cg15841415	?	?	?	0.643659	1.21939	1.21939	0.730471	0.863075	-1.15865	0.127264	0.495482	-2.01824	3.76404	9.60783	2.55253	1
cg12682392	1.97E-06	0.0395642	-25.2754	0.00777278	0.434019	-2.30405	0.0198201	0.506686	-1.97361	0.398245	0.815818	-1.22576	27.2689	23.2515	0.663193	1
cg09392499	0.293434	0.898221	-1.11331	0.0101518	1.37622	1.37622	0.21736	1.13635	1.13635	0.848754	0.981372	-1.01898	9.13291	1.40313	0.136564	1
cg20698421	0.569853	1.47971	1.47971	0.00961995	0.106866	-9.3575	0.066737	4.06536	4.06536	0.298175	0.47913	-2.08712	3.93163	28.9865	6.55345	1
cg20064459	0.307372	0.688499	-1.45244	0.244896	0.650726	-1.53675	0.176521	1.66116	1.66116	0.378755	0.726893	-1.37572	3.54956	7.01424	1.75652	1
cg00877964	0.0752169	0.881511	-1.13442	0.00014949	0.660541	-1.51391	0.355682	1.06235	1.06235	0.151374	1.10282	1.10282	11.4519	0.735102	0.0570582	1
cg18078305	0.546772	0.846668	-1.1811	0.0330817	0.506559	-1.9741	0.388808	1.2726	1.2726	0.729291	1.09946	1.09946	3.69042	4.35419	1.04877	1
cg12297570	0.121584	0.830472	-1.20413	4.75E-05	0.428153	-2.33562	0.191672	1.16531	1.16531	0.0141883	1.3978	1.3978	14.1297	2.74141	0.17246	1
cg08533710	0.641479	0.860361	-1.1623	0.774179	0.911864	-1.09666	0.205954	1.53405	1.53405	0.181323	1.57639	1.57639	3.94664	6.42992	1.44819	1
cg23391214	0.649784	0.830609	-1.20394	0.170706	0.553054	-1.80814	0.157839	0.541659	-1.84618	0.763398	1.1304	1.1304	3.64986	9.52887	2.32067	1
cg01409659	0.177613	0.825655	-1.21116	0.000335033	0.461388	-2.16737	0.105926	0.789671	-1.26635	0.197495	1.19981	1.19981	5.60444	1.58709	0.251719	1
cg01332181	0.0118333	1.74452	1.74452	0.00116616	0.429933	-2.32594	0.0522669	0.676459	-1.47829	0.961247	1.00864	1.00864	5.30038	2.63198	0.441391	1
cg11810310	0.104106	1.4418	1.4418	0.024542	0.576068	-1.73591	0.256627	1.2761	1.2761	0.213668	1.30947	1.30947	4.3067	2.89201	0.596902	1
cg24100705	0.125583	1.96784	1.96784	0.228433	1.67567	1.67567	0.638114	1.21344	1.21344	0.63374	1.21655	1.21655	4.00297	10.5725	2.3477	1
cg18762674	0.191773	1.17663	1.17663	0.000297025	2.00024	2.00024	0.0328259	0.74537	-1.34162	0.0596101	0.778621	-1.28432	14.3401	3.14672	0.195054	1
cg01406381	0.187887	0.451508	-2.2148	0.0580846	0.295079	-3.38893	0.0506773	0.28117	-3.55657	0.172535	0.437245	-2.28705	5.96327	30.6644	4.57086	1
cg03359362	0.103413	0.437257	-2.28698	0.0194213	0.269155	-3.71533	0.230861	0.557807	-1.79273	0.538994	0.749104	-1.33493	3.60075	12.3011	3.03668	1
cg15114651	0.010806	0.2439	-4.10005	0.0926718	0.442445	-2.26017	0.0195599	0.288394	-3.46747	0.183343	0.536783	-1.86295	3.43654	10.5711	2.7343	1
cg25607249	0.132924	0.58427	-1.71154	0.413323	0.757889	-1.31945	0.0157663	0.375083	-2.66608	0.011534	0.350913	-2.84971	8.90264	15.4916	1.54676	1
cg21766592	0.338675	0.646012	-1.54796	0.49866	0.737639	-1.35568	0.14069	0.495559	-2.01792	0.0666595	0.402116	-2.48685	4.40253	13.6856	2.76318	1
cg12165685	0.649914	0.813643	-1.22904	0.609676	0.792632	-1.26162	0.416343	0.687341	-1.45488	0.207561	0.548919	-1.82176	3.5945	11.5967	2.86776	1
cg11645155	0.409008	0.721458	-1.38608	0.0938404	0.490504	-2.03872	0.0614705	0.442849	-2.25811	0.221591	0.608519	-1.64333	3.55799	8.42331	2.10438	1
cg22198397	0.0125085	1.86396	1.86396	0.288723	1.247	1.247	0.0493362	0.637864	-1.56773	0.000182191	0.281227	-3.55585	21.2907	13.5455	0.565526	1
cg16377872	0.00212304	0.336227	-2.97418	0.00933495	0.435107	-2.29829	0.00332389	0.364612	-2.74264	0.0033711	0.365526	-2.73578	8.21072	8.2833	0.896746	1
cg22175856	0.117908	0.265566	-3.76554	0.0142114	0.0942274	-10.6126	0.0296657	0.135481	-7.38109	0.0559901	0.184432	-5.42205	3.47081	33.5203	8.5847	1
cg25762078	0.00566744	0.298792	-3.34681	9.77E-05	0.0997958	-10.0205	0.00556464	0.297562	-3.36064	0.00232121	0.242729	-4.11982	10.1259	17.7657	1.55954	1
cg03511974	0.44308	1.18238	1.18238	0.00292284	2.40097	2.40097	0.586338	1.12492	1.12492	0.182701	0.738649	-1.35382	9.74677	7.08459	0.646102	1
cg08121408	0.269348	0.785523	-1.27304	0.000845349	0.348842	-2.86663	0.976558	1.00619	1.00619	0.650465	1.10046	1.10046	9.43223	6.57929	0.620029	1
cg26060003	0.866093	0.979622	-1.0208	0.0266761	1.37764	1.37764	0.899778	1.01549	1.01549	0.384712	0.896979	-1.11485	9.399	2.21531	0.209508	1
cg09551072	0.618267	0.951722	-1.05073	0.00992622	1.37824	1.37824	0.0406108	0.792255	-1.26222	0.281957	1.11643	1.11643	8.35349	1.28356	0.136583	1
cg18046365	0.925647	0.965461	-1.03577	0.0150591	0.324629	-3.08044	0.0188063	2.9207	2.9207	0.374685	1.40934	1.40934	6.99806	15.7167	1.99632	1
cg08037774	0.000246617	0.241286	-4.14446	0.567288	1.14543	1.14543	0.914059	1.02567	1.02567	0.111841	0.665901	-1.50172	6.48877	5.66722	0.776345	1
cg00532936	0.0612209	1.35556	1.35556	0.0404851	1.40672	1.40672	0.172783	0.811188	-1.23276	0.171303	0.810527	-1.23377	5.34365	1.76044	0.29284	1
cg05414613	0.44088	1.18534	1.18534	0.00929843	2.04188	2.04188	0.844304	1.04346	1.04346	0.703316	0.920553	-1.0863	4.80167	3.55926	0.658892	1
cg04142017	0.0885997	0.478168	-2.09132	0.0437452	0.402356	-2.48536	0.769884	1.1221	1.1221	0.0302798	0.367755	-2.7192	4.33787	10.5976	2.17159	1
cg01132471	0.106592	0.580297	-1.72326	0.123482	0.597306	-1.67418	0.929432	0.973013	-1.02774	0.335482	0.735826	-1.35902	3.77918	5.70989	1.343	1
cg20741386	0.0347628	1.97381	1.97381	0.0220891	2.13479	2.13479	0.150506	0.653246	-1.53082	0.672298	1.12475	1.12475	3.7076	4.48297	1.07478	1
cg07986907	0.383062	1.06149	1.06149	1.93E-06	0.455359	-2.19607	0.188899	0.911321	-1.09731	1.37E-06	0.439218	-2.27677	60.188	4.24261	0.0626573	1
cg19599386	0.023087	0.447642	-2.23393	0.017942	0.427042	-2.34169	0.187909	1.51107	1.51107	0.17506	0.652673	-1.53216	4.46151	6.18431	1.23213	1
cg05422897	0.335134	0.904117	-1.10605	0.433593	0.922164	-1.08441	0.486704	1.0743	1.0743	0.0047854	1.46191	1.46191	3.81633	0.621585	0.144778	1
cg10552282	0.71964	0.897517	-1.11419	0.0452838	1.99156	1.99156	0.689104	0.886355	-1.12822	0.844592	1.06064	1.06064	3.61232	5.1482	1.26683	1
cg26703507	0.0525619	0.43661	-2.29037	0.00418049	0.236234	-4.2331	0.0316312	0.387739	-2.57905	0.478569	0.762712	-1.31111	3.59121	8.04093	1.99028	1
cg04025550	0.00525764	1.39949	1.39949	8.04E-05	1.91556	1.91556	0.23067	0.891514	-1.12169	0.0784718	0.836525	-1.19542	85.6091	11.308	0.117412	1
cg00409552	0.0236494	0.736226	-1.35828	0.00175288	1.65774	1.65774	0.00345435	1.56834	1.56834	0.00616871	0.667054	-1.49913	17.1364	3.48647	0.180849	1
cg10308027	0.00421643	0.131844	-7.58473	0.000696313	0.0648612	-15.4175	0.265476	0.54139	-1.8471	0.00336263	0.121295	-8.24435	7.34752	32.5381	3.93639	1
cg26248082	0.0518024	0.589629	-1.69598	0.000508502	0.273548	-3.65567	0.00272303	0.372333	-2.68577	0.553091	0.866559	-1.15399	5.76783	5.2049	0.802135	1
cg10806146	0.0415779	0.257014	-3.89083	0.000645628	0.0484758	-20.6288	0.0239441	0.210611	-4.74809	0.0994159	0.351933	-2.84145	5.06184	26.8046	4.70705	1
cg05937663	0.0913958	1.34811	1.34811	0.0834602	1.36052	1.36052	0.119373	0.762191	-1.31201	0.716235	0.94303	-1.06041	4.83994	1.97907	0.363471	1
cg11947423	0.0191673	0.51175	-1.95408	0.00284687	2.64006	2.64006	0.518452	1.16735	1.16735	0.329402	0.78827	-1.2686	4.31143	3.8149	0.786519	1
cg14335429	0.858829	1.05767	1.05767	0.755395	1.10342	1.10342	0.00352167	3.47694	3.47694	0.749755	1.10603	1.10603	4.01416	6.30531	1.39624	1
cg18501945	0.251602	1.32148	1.32148	0.00421788	2.43927	2.43927	0.66483	1.10677	1.10677	0.835294	1.04965	1.04965	3.66869	3.14712	0.762519	1
cg06070755	0.000220651	0.145546	-6.87068	1.77E-05	0.0639576	-15.6354	0.372947	0.750943	-1.33166	0.00287423	0.276919	-3.61116	29.8192	46.3115	1.38051	1
cg01306183	0.00865287	0.127469	-7.84504	0.000463691	0.0337235	-29.653	0.00861193	0.127224	-7.86013	0.00369903	0.0894481	-11.1797	9.71054	58.2501	5.33214	1
cg16351441	0.195395	0.264206	-3.78493	0.00422418	0.02416	-41.3907	0.157616	0.230228	-4.34351	0.0405677	0.100399	-9.96027	4.00171	59.875	13.2999	1
cg23361590	0.829097	0.96398	-1.03737	0.0958827	1.36391	1.36391	0.00715356	0.55467	-1.80288	0.0181516	0.614574	-1.62714	11.0374	5.0341	0.405418	1
cg24045078	0.162421	0.710161	-1.40813	0.13058	0.687513	-1.45452	0.025564	0.544003	-1.83823	0.00740102	0.453014	-2.20744	8.88002	7.40664	0.741404	1
cg12882392	0.00927135	1.67116	1.67116	0.00100653	2.13652	2.13652	0.760843	1.04863	1.04863	0.592337	1.0877	1.0877	8.03899	3.0799	0.340552	1
cg04885574	0.00185421	0.45209	-2.21195	0.00540228	1.93096	1.93096	0.0140347	0.579859	-1.72456	0.240993	0.802068	-1.24678	7.05791	3.60928	0.45456	1
cg00270878	0.207121	0.480478	-2.08126	0.000844737	0.0629691	-15.8808	0.730038	0.826255	-1.21028	0.685191	0.798879	-1.25175	6.9766	33.5402	4.27336	1
cg24624173	0.00392888	0.411846	-2.42809	0.362307	0.807312	-1.23868	0.118041	0.678428	-1.474	0.192304	0.729443	-1.37091	4.15753	3.44093	0.735677	1
cg26275110	0.546505	0.83234	-1.20143	0.744087	0.906189	-1.10352	0.242029	0.691953	-1.44519	0.0468286	0.504407	-1.98253	3.59786	5.15315	1.27314	1
cg09231725	0.111098	1.19424	1.19424	0.0807893	1.219	1.219	0.0266341	0.764387	-1.30824	0.442507	0.923041	-1.08338	21.7633	3.60502	0.147241	1
cg24285942	0.0194131	0.200851	-4.97881	0.876597	0.915523	-1.09227	0.456302	0.649913	-1.53867	0.0011619	0.0665871	-15.0179	10.4808	53.5476	4.54144	1
cg09883841	0.39901	1.20764	1.20764	0.340106	1.23964	1.23964	0.595332	1.12427	1.12427	0.00964834	0.488835	-2.04568	9.4976	7.18182	0.672153	1
cg17993949	0.810369	0.943913	-1.05942	0.257169	0.752798	-1.32838	0.122636	0.669193	-1.49434	0.0247631	0.526341	-1.89991	7.94024	7.25078	0.811705	1
cg07445167	0.211788	1.24248	1.24248	0.000997577	0.446275	-2.24077	0.244934	0.81811	-1.22233	0.29458	0.835748	-1.19653	6.63602	2.86334	0.383542	1
cg22348001	0.0336881	0.209552	-4.7721	0.695255	1.28151	1.28151	0.206555	0.431995	-2.31484	0.014245	0.148857	-6.71785	5.95721	37.4509	5.58814	1
cg05190072	0.0561129	0.355857	-2.81012	0.978192	0.98703	-1.01314	0.286076	0.589133	-1.69741	0.0271641	0.286842	-3.48624	4.90387	17.7148	3.21104	1
cg09797913	0.591513	0.859456	-1.16353	0.362761	1.2989	1.2989	0.664166	1.1299	1.1299	0.0118858	0.415678	-2.40571	4.73661	5.86368	1.1004	1
cg12355794	0.000447092	0.363848	-2.7484	0.147294	1.32827	1.32827	0.481471	0.877553	-1.13953	0.00224437	0.457949	-2.18365	12.2666	6.4743	0.469154	1
cg24867653	0.0823617	0.519324	-1.92558	0.00046714	0.153624	-6.50939	0.530534	0.805464	-1.24152	0.00932423	0.325314	-3.07395	8.85085	16.2526	1.63224	1
cg14511417	0.657755	1.2238	1.2238	0.0272854	0.306303	-3.26474	0.881005	0.934399	-1.07021	0.0191945	0.27709	-3.60894	8.4262	27.3815	2.8885	1
cg25411725	0.325443	1.09151	1.09151	0.00653726	1.3562	1.3562	0.427953	0.932591	-1.07228	0.113697	1.15999	1.15999	3.75262	0.441953	0.104686	1
cg08934427	0.463777	1.0614	1.0614	2.24E-08	0.188045	-5.31786	0.404827	1.07049	1.07049	0.00614723	0.751519	-1.33064	60.9843	6.16803	0.0899033	1
cg09704049	0.000971342	0.617365	-1.61979	0.0258926	1.29674	1.29674	0.121081	0.847762	-1.17958	0.997396	0.999679	-1.00032	20.66	3.15848	0.135892	1
cg27520549	0.00489758	0.427466	-2.33937	0.000892941	0.321769	-3.10782	0.28869	1.28537	1.28537	0.00172775	0.360993	-2.77014	11.1123	9.14292	0.731358	1
cg16558203	0.236133	1.80631	1.80631	0.00268073	0.138528	-7.21878	0.636585	0.797173	-1.25443	0.0532215	0.351312	-2.84647	5.24411	18.8415	3.19367	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02646297	SLC22A14	0.0330389	0.143095	0.418799	-2.38778	0.495621	0.682055	-1.46616	0.611258	0.753153	-1.32775	0.55716	1.3887	1.3887	0.0016289	0.0823691	-12.1405	0.0131313	0.18251	-5.47914	0.891007	1.07877	1.07877	0.256359	0.519322	-1.92559	0.0593091	0.308064	-3.24608	3.94838	19.1268	4.30596	1
cg00074184	SLC22A15	5.47E-06	0.0546494	1.25353	1.25353	0.515788	0.933976	-1.07069	0.0242913	1.3209	1.3209	0.00973729	1.40343	1.40343	0.930847	1.00904	1.00904	0.10863	1.1989	1.1989	0.055936	1.25165	1.25165	0.42346	0.918747	-1.08844	3.91E-08	7.53873	7.53873	47.4136	8.06876	0.151269	1
cg21286402	SLC22A15	6.50E-05	0.664257	0.869751	-1.14975	0.0386068	0.465092	-2.15011	0.000285592	6.6395	6.6395	0.00742088	3.01017	3.01017	0.29222	0.705258	-1.41792	0.0149634	2.60127	2.60127	6.68E-06	24.486	24.486	0.485815	1.25396	1.25396	2.99E-05	13.6085	13.6085	24.838	40.1668	1.43747	1
cg24044479	SLC22A15	0.000116853	0.252035	1.10787	1.10787	0.0238735	0.793899	-1.25961	0.562948	0.951162	-1.05135	0.285381	0.909377	-1.09965	0.650579	1.03981	1.03981	0.134543	0.870981	-1.14813	5.58E-06	0.415778	-2.40513	0.0741908	1.1857	1.1857	0.000160307	1.73684	1.73684	21.2359	2.46518	0.103187	1
cg13619163	SLC22A15	0.000489339	0.655172	0.954885	-1.04725	0.234341	1.13659	1.13659	0.982613	1.00224	1.00224	0.159638	0.856987	-1.16688	0.447726	1.08271	1.08271	0.257642	0.88575	-1.12899	0.00263689	0.652177	-1.53333	0.419118	1.08848	1.08848	1.14E-05	2.60209	2.60209	14.3762	2.40156	0.14849	1
cg23247704	SLC22A15	0.000666475	0.566898	0.931258	-1.07382	0.614904	1.0644	1.0644	0.567907	1.07361	1.07361	0.820084	0.972359	-1.02843	0.154497	0.82901	-1.20626	0.0910696	0.795318	-1.25736	0.000976764	0.546911	-1.82845	0.162069	1.20164	1.20164	2.87E-05	2.74778	2.74778	13.191	3.16286	0.213133	1
cg24682551	SLC22A15	0.000972019	0.0459041	0.39919	-2.50507	0.529969	0.774646	-1.29091	0.00273659	5.25772	5.25772	0.0487462	2.46785	2.46785	0.0168124	0.310092	-3.22485	0.00128658	6.57383	6.57383	0.000182745	12.6688	12.6688	0.338687	1.48559	1.48559	0.25649	1.60858	1.60858	11.8616	30.2594	2.2676	1
cg08737116	SLC22A15	0.00170767	0.0840487	0.605443	-1.65168	0.267218	0.738294	-1.35447	0.00140083	0.296796	-3.36932	0.00564198	2.59487	2.59487	0.0701012	0.58769	-1.70158	0.659369	0.890083	-1.12349	0.733215	0.914105	-1.09397	0.000425386	4.32679	4.32679	0.175432	0.685074	-1.4597	10.0946	11.0166	0.970072	1
cg11951449	SLC22A15	0.00349508	0.582621	0.915627	-1.09215	0.188521	1.24766	1.24766	0.341879	0.85596	-1.16828	0.707512	1.06169	1.06169	0.00877249	0.588531	-1.69915	0.116822	0.762929	-1.31074	0.135846	0.774716	-1.2908	0.267818	1.2012	1.2012	0.000168489	2.76411	2.76411	8.17725	3.26651	0.355079	1
cg24311182	SLC22A15	0.00675056	0.0486173	0.590276	-1.69412	0.745138	0.926506	-1.07932	0.00296652	0.385046	-2.59709	0.650095	1.1128	1.1128	0.00156538	0.345266	-2.89632	0.0144229	0.493762	-2.02527	0.590995	0.880764	-1.13538	0.0288034	1.82832	1.82832	0.233913	0.746727	-1.33918	6.69029	5.80379	0.771106	1
cg05793340	SLC22A15	0.0106109	0.874603	0.956833	-1.04511	0.109612	0.614251	-1.628	0.0898644	0.593112	-1.68602	0.691981	1.11768	1.11768	0.480692	1.22175	1.22175	0.822213	1.0649	1.0649	0.036841	0.507891	-1.96892	0.348047	1.30989	1.30989	0.000471874	4.64007	4.64007	5.79934	7.17009	1.09899	1
cg16619764	SLC22A15	0.0134416	0.258735	1.72076	1.72076	0.068986	2.55317	2.55317	0.910625	0.949593	-1.05308	0.413794	1.46936	1.46936	0.270549	0.589541	-1.69624	0.174176	1.94617	1.94617	0.00268439	6.76102	6.76102	0.000926827	9.75768	9.75768	0.420675	1.46073	1.46073	5.37114	18.0484	2.9869	1
cg16861047	SLC22A15	0.0304615	0.192944	1.219	1.219	0.8264	1.03207	1.03207	0.206049	0.825543	-1.21132	0.082876	1.31787	1.31787	0.394687	1.13349	1.13349	0.108463	1.28616	1.28616	0.871494	0.977001	-1.02354	0.318606	1.15969	1.15969	0.000873418	2.0494	2.0494	4.06472	1.32987	0.290822	1
cg19765820	SLC22A15	0.0396363	0.0079415	0.433103	-2.30892	0.271151	1.32531	1.32531	0.0766852	1.62264	1.62264	0.0360961	0.549225	-1.82075	0.964249	0.989041	-1.01108	0.688471	1.10416	1.10416	0.691544	1.10301	1.10301	0.766176	0.929306	-1.07607	0.0500567	1.73205	1.73205	3.69554	3.53747	0.850867	1
cg17881660	SLC22A15;SLC22A15	3.76E-05	0.0109519	0.60847	-1.64347	0.619738	0.925118	-1.08094	0.949187	0.990133	-1.00997	0.168612	0.795926	-1.2564	0.466538	0.891109	-1.1222	0.509724	0.901176	-1.10966	0.30815	0.848633	-1.17837	0.68716	1.06502	1.06502	4.24E-07	9.34213	9.34213	28.693	11.0018	0.340829	1
cg11605355	SLC22A16	0.000370431	0.162542	1.46689	1.46689	0.012528	2.22143	2.22143	0.0185792	0.480264	-2.08219	0.206085	0.709818	-1.40881	0.0502442	1.77463	1.77463	0.00131214	0.300619	-3.32647	3.89E-05	0.132048	-7.57299	0.131848	1.51888	1.51888	0.0064528	0.402431	-2.4849	15.5252	16.2379	0.929699	1
cg19980771	SLC22A16	0.00686049	0.0045859	0.227566	-4.39433	0.0682778	0.44899	-2.22722	0.89139	1.05505	1.05505	0.00313993	0.205189	-4.87355	0.00144177	0.164207	-6.08987	0.0061788	0.246394	-4.05855	0.0798164	0.466486	-2.14369	0.0284612	0.362671	-2.75732	0.798525	0.904535	-1.10554	6.65674	16.2219	2.16615	1
cg13665414	SLC22A16	0.00718889	0.34873	0.825381	-1.21156	0.00306933	2.2399	2.2399	0.0157977	0.555289	-1.80087	0.0622611	0.658677	-1.51819	0.010907	0.529559	-1.88836	0.947284	1.01324	1.01324	0.0408273	0.625211	-1.59946	0.0478145	1.56854	1.56854	0.55156	0.887067	-1.12731	6.56038	4.11183	0.557127	1
cg10616767	SLC22A16	0.0449664	0.580826	0.891991	-1.12109	0.00272866	0.4283	-2.33481	0.0517115	0.635229	-1.57424	0.0704737	0.66079	-1.51334	0.256026	0.78428	-1.27506	0.458493	1.16731	1.16731	0.161197	1.35889	1.35889	0.497914	0.868474	-1.15144	0.501236	0.869448	-1.15015	3.52651	2.3458	0.591281	1
cg26197117	SLC22A16	0.0458866	0.166473	0.511548	-1.95485	0.0212116	3.52073	3.52073	0.61576	1.25849	1.25849	0.0684124	2.52681	2.52681	0.0306772	0.315516	-3.16941	0.47011	1.39636	1.39636	0.136923	0.482891	-2.07086	0.190416	0.532585	-1.87763	0.359696	1.534	1.534	3.49983	11.4428	2.90626	1
cg13974427	SLC22A17;SLC22A17	1.56E-05	0.166021	0.759632	-1.31643	0.278478	0.810796	-1.23336	5.73E-06	0.149419	-6.69261	0.862656	1.03275	1.03275	0.0203243	0.59415	-1.68308	0.311681	0.822996	-1.21507	6.23E-07	0.0786299	-12.7178	0.304984	0.820607	-1.21861	6.97E-05	0.258766	-3.86449	36.1442	19.8305	0.487689	1
cg18177243	SLC22A17;SLC22A17	0.00815295	0.538693	1.18458	1.18458	0.00321843	2.98626	2.98626	0.00346614	2.94418	2.94418	0.0195771	2.15466	2.15466	0.0523191	0.548504	-1.82314	0.974206	1.00884	1.00884	0.183471	1.46821	1.46821	0.00669412	2.60436	2.60436	0.177974	1.47627	1.47627	6.30643	7.39643	1.04252	1
cg16342550	SLC22A17;SLC22A17	0.0187586	0.640328	1.18035	1.18035	0.0509918	2.18855	2.18855	0.0989956	1.89138	1.89138	0.701883	1.14513	1.14513	0.0022809	0.22239	-4.49661	0.310407	0.690853	-1.44749	0.197353	1.61635	1.61635	0.0257453	2.54263	2.54263	0.334782	1.41977	1.41977	4.80778	9.45366	1.74784	1
cg16420801	SLC22A17;SLC22A17	0.0400513	0.0783224	1.50477	1.50477	0.0719104	1.52163	1.52163	0.236901	1.29553	1.29553	0.161462	1.36674	1.36674	0.180062	1.34644	1.34644	0.0852292	0.671941	-1.48823	0.0893942	0.676157	-1.47895	0.0139605	1.88588	1.88588	0.144503	1.38749	1.38749	3.6814	2.5454	0.614598	1
cg19573166	SLC22A17;SLC22A17	0.0402382	0.741518	0.926769	-1.07902	0.329157	1.26035	1.26035	0.00508203	2.3418	2.3418	0.0721594	1.58583	1.58583	0.543496	0.868239	-1.15176	0.204518	1.36018	1.36018	0.030617	0.557882	-1.7925	0.293688	0.778598	-1.28436	0.863061	1.04046	1.04046	3.67509	3.07262	0.743172	1
cg23411440	SLC22A17;SLC22A17	0.0456022	0.926709	1.01596	1.01596	0.276797	1.21492	1.21492	0.238199	0.808453	-1.23693	0.261132	0.817341	-1.22348	0.0589629	0.692779	-1.44346	0.0139793	0.59309	-1.68608	0.167548	0.776324	-1.28812	0.0355098	1.52389	1.52389	0.23646	1.238	1.238	3.50801	1.64571	0.417005	1
cg04614700	SLC22A17;SLC22A17	0.0461831	0.613799	0.927616	-1.07803	0.117058	1.2858	1.2858	0.366335	1.14687	1.14687	0.147144	1.25823	1.25823	0.297011	1.17309	1.17309	0.0511837	1.38801	1.38801	0.00216064	1.8885	1.8885	0.0278362	1.46791	1.46791	0.293848	1.17442	1.17442	3.49137	1.20554	0.306926	1
cg19512521	SLC22A17;SLC22A17;SLC22A17	0.00109987	0.106402	2.16823	2.16823	0.308908	0.632319	-1.58148	0.240976	0.585533	-1.70785	0.159304	0.517909	-1.93084	5.22E-05	0.0261309	-38.2688	0.399025	0.687165	-1.45526	0.0399771	2.86243	2.86243	0.0270451	3.20335	3.20335	0.0104701	4.25406	4.25406	13.907	40.4217	2.26067	1
cg01557297	SLC22A17;SLC22A17;SLC22A17	0.00237351	0.0328245	0.727687	-1.37422	0.00664708	1.56589	1.56589	0.220209	0.848639	-1.17836	0.00317823	1.6703	1.6703	0.0396636	1.35376	1.35376	0.00389568	0.609664	-1.64025	0.161459	1.20972	1.20972	0.0512731	1.32656	1.32656	0.0116159	1.49432	1.49432	9.17095	2.35465	0.228223	1
cg10058779	SLC22A17;SLC22A17;SLC22A17	0.0337457	0.218981	1.1209	1.1209	0.00146764	1.49992	1.49992	0.526442	1.0583	1.0583	0.473499	1.06648	1.06648	0.456354	1.06926	1.06926	0.0820184	0.843573	-1.18543	0.549835	0.947986	-1.05487	0.639038	0.959152	-1.04259	0.186709	0.883765	-1.13152	3.91843	0.483656	0.109717	1
cg24409566	SLC22A18;SLC22A18	2.65E-05	1.87E-05	0.245698	-4.07004	0.0533999	0.70228	-1.42393	9.02E-05	0.323712	-3.08917	1.57E-05	0.237549	-4.20966	0.0711255	0.72274	-1.38362	0.00977503	0.590833	-1.69253	3.51E-06	0.172829	-5.78605	0.0589958	0.709319	-1.4098	0.000212823	0.369141	-2.70899	31.4568	12.9253	0.365235	1
cg03010425	SLC22A18;SLC22A18	0.000809831	0.267926	0.799183	-1.25128	0.000107346	0.265265	-3.76981	0.0103985	0.534308	-1.87158	0.208319	0.772848	-1.29392	0.00180923	0.422433	-2.36724	0.0111021	0.538746	-1.85616	0.0238106	1.68875	1.68875	0.000581974	0.355852	-2.81016	0.19769	0.767594	-1.30277	12.4891	7.46361	0.53121	1
cg03336167	SLC22A18;SLC22A18	0.0194233	0.0362435	5.82243	5.82243	0.0362168	5.82436	5.82436	0.00566365	13.8221	13.8221	0.147904	3.07451	3.07451	0.225692	2.51061	2.51061	0.571401	1.51258	1.51258	0.0154251	8.58932	8.58932	0.0047907	15.0098	15.0098	0.0104015	10.3231	10.3231	4.7515	39.3922	7.36932	1
cg14168614	SLC22A18;SLC22A18	0.0318737	0.168959	0.798514	-1.25233	0.00198925	0.511539	-1.95489	0.0151006	0.632285	-1.58157	0.115908	1.29997	1.29997	0.905628	1.01838	1.01838	0.942931	1.01105	1.01105	0.288062	0.844228	-1.18451	0.543832	0.909985	-1.09892	0.370849	0.868425	-1.15151	3.99953	1.493	0.331816	1
cg22858288	SLC22A18;SLC22A18	0.0432487	0.257609	1.98639	1.98639	0.0010993	16.378	16.378	0.082132	3.06156	3.06156	0.52029	1.46023	1.46023	0.51019	0.678365	-1.47413	0.795219	0.85976	-1.16311	0.803065	1.15623	1.15623	0.220472	2.11356	2.11356	0.118568	2.67602	2.67602	3.57816	19.126	4.7513	1
cg06669405	SLC22A18;SLC22A18;SLC22A18AS	6.93E-06	0.0634864	0.802073	-1.24677	0.241597	0.878485	-1.13832	0.00325858	0.65442	-1.52807	2.00E-06	0.289316	-3.45643	8.00E-07	0.247042	-4.0479	0.20167	1.15316	1.15316	0.000218141	1.91862	1.91862	0.00820698	0.699449	-1.4297	0.258612	0.882865	-1.13268	44.6123	7.89358	0.157278	1
cg06981073	SLC22A18;SLC22A18;SLC22A18AS	4.56E-05	0.1736	0.77199	-1.29535	0.000299238	0.349379	-2.86222	0.000260272	0.341771	-2.92593	0.585284	1.10351	1.10351	2.27E-06	0.127043	-7.87137	0.146781	1.32096	1.32096	0.00247248	2.12166	2.12166	0.997933	1.00046	1.00046	0.907487	1.021	1.021	27.2788	13.8035	0.449792	1
cg23912877	SLC22A18;SLC22A18;SLC22A18AS	0.000223411	0.000673916	0.213317	-4.68786	0.00047107	0.195428	-5.11697	0.00680476	0.352789	-2.83455	0.14816	0.630699	-1.58554	1.95E-05	0.0762636	-13.1124	0.217811	0.680306	-1.46993	0.0045204	3.07795	3.07795	0.0167107	0.419783	-2.38218	0.468231	0.803084	-1.2452	17.8273	24.9277	1.24292	1
cg09731124	SLC22A18;SLC22A18;SLC22A18AS	0.000520146	0.163664	1.25115	1.25115	0.0864219	0.751625	-1.33045	0.00754269	0.595583	-1.67903	0.00155181	0.503628	-1.98559	0.060232	0.72653	-1.3764	0.103739	0.764765	-1.30759	1.42E-05	0.255975	-3.90664	0.711652	1.05756	1.05756	0.252805	1.19727	1.19727	14.1347	5.08656	0.319879	1
cg07161669	SLC22A18;SLC22A18;SLC22A18AS	0.000856913	0.105141	0.687285	-1.455	0.263768	0.78136	-1.27982	0.555119	0.881251	-1.13475	0.747742	0.933941	-1.07073	2.59E-05	0.171165	-5.8423	0.131379	1.41192	1.41192	0.0213391	0.556604	-1.79661	0.000659136	0.331204	-3.01928	0.033805	0.591626	-1.69026	12.2918	8.73198	0.63146	1
cg20716202	SLC22A18;SLC22A18;SLC22A18AS	0.000909033	0.993584	1.0027	1.0027	0.266938	1.47335	1.47335	0.34836	0.723607	-1.38197	0.214422	0.645357	-1.54953	0.00106337	0.197655	-5.05933	0.00442102	0.280007	-3.57134	6.16E-05	0.0840448	-11.8984	0.0479722	0.468827	-2.13298	0.00113492	0.201017	-4.97472	12.0886	21.4954	1.58059	1
cg22272492	SLC22A18;SLC22A18;SLC22A18AS	0.00145223	0.308735	1.11149	1.11149	0.00036675	0.564075	-1.77281	0.450891	0.925821	-1.08012	0.11482	1.18774	1.18774	0.472121	0.929247	-1.07614	0.0650569	1.23101	1.23101	0.000194844	1.87547	1.87547	0.569758	1.05933	1.05933	0.685342	1.04172	1.04172	10.5776	1.68643	0.141719	1
cg21991825	SLC22A18;SLC22A18;SLC22A18AS	0.00440822	0.0661971	0.558903	-1.78922	0.00530861	0.35444	-2.82135	0.411793	1.26735	1.26735	0.0534376	1.85774	1.85774	0.180067	1.49471	1.49471	0.013266	0.420437	-2.37848	0.000835046	0.241831	-4.13512	0.229274	1.42786	1.42786	0.307328	0.742041	-1.34764	7.62522	9.62606	1.12213	1
cg16530128	SLC22A18;SLC22A18;SLC22A18AS	0.0132784	0.848008	1.03948	1.03948	0.203975	0.762951	-1.3107	0.470045	1.15988	1.15988	0.00258336	0.43046	-2.3231	0.00111609	0.379498	-2.63506	0.0718447	0.666596	-1.50016	0.048369	0.634309	-1.57652	0.572895	0.891391	-1.12184	0.978817	0.994656	-1.00537	5.39267	3.4785	0.573372	1
cg26137286	SLC22A18;SLC22A18;SLC22A18AS	0.0215409	0.009338	0.221059	-4.52368	0.497007	0.729287	-1.3712	0.0653797	0.387945	-2.57769	0.268061	0.589707	-1.69576	0.00329085	0.159892	-6.25421	0.254711	0.580178	-1.72361	0.0131318	0.244642	-4.0876	0.00798956	0.210904	-4.74148	0.101024	0.439485	-2.27539	4.58697	15.2249	2.95036	1
cg16346422	SLC22A18;SLC22A18AS	0.0134541	0.0901764	0.63346	-1.57863	0.0434404	0.56678	-1.76435	0.018757	0.498438	-2.00627	0.148475	0.684603	-1.4607	0.0520802	0.582604	-1.71643	0.0401802	1.78538	1.78538	0.458645	1.2026	1.2026	0.00244583	0.356742	-2.80315	0.119144	0.661341	-1.51208	5.3695	5.08305	0.841469	1
cg21019522	SLC22A18;SLC22A18AS	0.0408662	0.0592536	0.438509	-2.28046	0.0378101	0.393608	-2.5406	0.0196655	0.335924	-2.97686	0.193878	0.58736	-1.70253	0.00869043	0.274019	-3.64938	0.592389	0.811233	-1.23269	0.249733	0.627727	-1.59305	0.00895592	0.276127	-3.62152	0.0716238	0.459008	-2.17861	3.65415	8.67237	2.1096	1
cg21599100	SLC22A18AS;SLC22A18	0.000122171	0.169433	0.83594	-1.19626	1.69E-05	0.339196	-2.94815	0.0732858	0.783085	-1.277	0.129834	0.818462	-1.2218	0.00269805	0.60199	-1.66116	0.000202991	0.466388	-2.14414	0.00125343	1.78043	1.78043	0.00173321	0.578691	-1.72804	0.00175117	0.579233	-1.72642	20.9838	4.98099	0.210998	1
cg24033661	SLC22A18AS;SLC22A18	0.000761376	0.000259871	0.135435	-7.38364	0.000220824	0.129011	-7.75131	0.000571254	0.169453	-5.90134	0.126577	0.576972	-1.73319	0.804937	0.920956	-1.08583	0.0882412	1.87008	1.87008	0.00482003	0.288087	-3.47117	0.0299544	0.427485	-2.33926	0.0441716	0.463292	-2.15846	12.7077	22.2883	1.55904	1
cg05457684	SLC22A18AS;SLC22A18	0.00139651	0.748356	1.0788	1.0788	0.000317332	0.253033	-3.95206	9.40E-05	0.193877	-5.15791	0.0778603	0.630194	-1.58681	0.0993392	0.653317	-1.53065	0.780153	0.936191	-1.06816	0.0489114	0.588667	-1.69875	0.0446444	0.580857	-1.72159	0.00315184	0.386425	-2.58782	10.6972	9.40735	0.781709	1
cg16129800	SLC22A18AS;SLC22A18	0.00318143	0.0392878	0.677669	-1.47565	0.108655	0.75164	-1.33042	0.000779381	0.43636	-2.29169	0.0308968	0.661329	-1.51211	0.00136875	0.46867	-2.1337	0.248229	0.821239	-1.21767	0.712994	0.941502	-1.06213	0.00162153	0.478518	-2.08979	0.00180437	0.484757	-2.06289	8.41002	3.54566	0.374755	1
cg26665035	SLC22A18AS;SLC22A18	0.00761894	?	?	?	0.00501577	0.279012	-3.58408	0.00105832	0.183129	-5.46062	?	?	?	0.184233	0.626917	-1.59511	0.935279	1.02704	1.02704	0.00644701	0.296856	-3.36863	0.0441372	0.460015	-2.17384	0.0648677	0.499775	-2.0009	7.69157	10.0097	1.30138	1
cg21853021	SLC22A18AS;SLC22A18	0.0115758	0.0548141	0.298679	-3.34807	0.00403793	0.11736	-8.52077	0.00045258	0.046559	-21.4781	0.151145	0.42593	-2.3478	0.694296	1.24503	1.24503	0.850497	0.900604	-1.11037	0.0977628	0.364987	-2.73982	0.175643	0.449787	-2.22327	0.553121	0.716859	-1.39497	5.63887	27.4909	4.33356	1
cg16587707	SLC22A18AS;SLC22A18	0.0142213	0.00737677	0.11304	-8.84642	0.0602735	0.262387	-3.81117	0.00941003	0.125112	-7.99287	0.122745	0.347886	-2.8745	0.00768579	0.115002	-8.69548	0.101187	0.321968	-3.1059	0.00258532	0.0715885	-13.9687	0.0271869	0.191915	-5.21065	0.0514427	0.246578	-4.05552	5.27262	33.2917	5.61251	1
cg23190089	SLC22A18AS;SLC22A18	0.0154023	0.00259857	0.160506	-6.23031	0.0303356	0.32751	-3.05334	0.00220026	0.152266	-6.56746	0.00696718	0.216425	-4.62054	0.401119	0.686047	-1.45763	0.20374	0.55535	-1.80067	0.0974766	0.450538	-2.21957	0.200077	0.552398	-1.81029	0.14967	0.508004	-1.96849	5.1355	15.636	2.70639	1
cg22040301	SLC22A18AS;SLC22A18	0.0337757	0.65195	1.19265	1.19265	0.0227252	0.347134	-2.88073	0.00444462	0.229318	-4.36076	0.59104	1.23426	1.23426	0.321629	1.4878	1.4878	0.24545	1.6022	1.6022	0.419609	1.37709	1.37709	0.0980168	2.02231	2.02231	0.304535	0.661939	-1.51071	3.91717	9.34037	2.11953	1
cg14449910	SLC22A18AS;SLC22A18	0.0457985	0.237663	0.713788	-1.40098	0.234853	0.712205	-1.40409	0.00189981	0.301397	-3.31788	0.0473087	0.538714	-1.85627	0.230714	0.709849	-1.40875	0.375067	0.780245	-1.28165	0.282688	0.737664	-1.35563	0.0466213	0.537381	-1.86088	0.0264291	0.488015	-2.04912	3.50236	4.12102	1.0459	1
cg02462487	SLC22A18AS;SLC22A18	0.0488318	0.795442	1.10976	1.10976	0.00886532	0.263086	-3.80104	0.0195882	0.322837	-3.09754	0.63414	0.825155	-1.21189	0.0424123	0.391841	-2.55205	0.763884	1.12835	1.12835	0.454009	0.736583	-1.35762	0.0214797	0.330458	-3.02611	0.0907328	0.473776	-2.1107	3.41867	8.70003	2.26209	1
cg13485320	SLC22A18AS;SLC22A18	0.0488589	0.0678671	0.366231	-2.73051	0.00267484	0.13014	-7.68406	0.0152693	0.231522	-4.31924	0.100378	0.4131	-2.42072	0.377055	0.640698	-1.5608	0.266737	0.566473	-1.76531	0.0766693	0.380173	-2.63038	0.121629	0.438579	-2.28009	0.34854	0.622496	-1.60644	3.41795	13.0588	3.39612	1
cg16184736	SLC22A18AS;SLC22A18;SLC22A18	0.00466695	0.0707921	1.44786	1.44786	0.0340238	1.57394	1.57394	0.506962	1.13136	1.13136	0.0899562	0.709911	-1.40863	0.457132	0.870388	-1.14891	0.100218	0.718817	-1.39117	0.000687175	0.386629	-2.58646	0.00594865	0.517191	-1.93352	0.208143	1.27542	1.27542	7.49434	3.98871	0.473093	1
cg24139421	SLC22A18AS;SLC22A18;SLC22A18;SLC22A18	0.0478826	0.0884518	0.605378	-1.65186	0.157654	0.668011	-1.49698	0.0145665	2.23332	2.23332	0.134005	0.649513	-1.53962	0.0687235	0.580405	-1.72294	0.706691	0.903981	-1.10622	0.0873136	1.65545	1.65545	0.428001	0.805667	-1.24121	0.453909	1.22595	1.22595	3.44416	3.88953	1.00383	1
cg15729154	SLC22A18AS;SLC22A18;SLC22A18AS;SLC22A18	0.0305415	0.00611224	0.344697	-2.9011	0.256924	0.703156	-1.42216	0.471456	0.804106	-1.24362	0.18534	0.65833	-1.51899	0.00152087	0.256951	-3.8918	0.0676447	0.543718	-1.83919	0.316991	0.734995	-1.36055	0.0957051	0.580025	-1.72407	0.118274	0.603639	-1.65662	4.06093	5.69769	1.24716	1
cg09874873	SLC22A1;SLC22A1	0.00157876	0.0577079	0.636898	-1.57011	0.125075	1.41769	1.41769	0.00443383	0.450127	-2.22159	8.53E-05	0.226737	-4.4104	0.397676	0.833555	-1.19968	0.0578769	0.637141	-1.56951	0.024159	1.75973	1.75973	0.92227	1.02073	1.02073	0.0508627	0.626483	-1.59621	10.3262	7.22773	0.622171	1
cg12497408	SLC22A1;SLC22A1	0.00166407	0.282838	1.23237	1.23237	0.29627	0.816463	-1.22479	0.00265472	0.459159	-2.1779	0.103183	1.3962	1.3962	0.00174154	2.30687	2.30687	0.000346861	2.93728	2.93728	0.0642643	1.47592	1.47592	0.677913	1.08134	1.08134	0.230262	0.790047	-1.26575	10.1704	5.64686	0.493533	1
cg13434757	SLC22A1;SLC22A1	0.00500088	0.039542	1.65352	1.65352	0.00188654	0.394342	-2.53587	0.00823694	0.489744	-2.04188	0.952482	0.987491	-1.01267	0.0372764	1.66638	1.66638	0.00943857	2.00361	2.00361	0.134338	1.40639	1.40639	0.514486	1.14985	1.14985	0.908818	1.0245	1.0245	7.3382	5.18571	0.628154	1
cg07558837	SLC22A1;SLC22A1	0.00592096	0.548557	1.09151	1.09151	0.843834	1.02886	1.02886	0.445107	0.893793	-1.11883	0.605394	1.07808	1.07808	0.493203	1.10559	1.10559	0.336184	1.15377	1.15377	7.68E-05	2.81073	2.81073	0.1962	0.821083	-1.2179	0.179001	1.22865	1.22865	6.96761	2.29595	0.292904	1
cg05314142	SLC22A1;SLC22A1	0.0169276	0.0921301	0.367036	-2.72453	0.0214473	0.224502	-4.45431	0.00422909	0.126139	-7.92773	0.146914	0.431024	-2.32005	0.00268426	0.106125	-9.42288	0.159935	0.444082	-2.25184	0.00712198	0.15271	-6.54838	0.216114	0.494733	-2.02129	0.0497029	0.298101	-3.35456	4.97658	23.0361	4.11458	1
cg18105725	SLC22A1;SLC22A1	0.0402718	0.0182988	0.251401	-3.97771	0.108294	0.429682	-2.3273	0.0389232	0.315803	-3.16653	0.141391	0.46649	-2.14367	0.116998	0.439977	-2.27285	0.489669	0.712939	-1.40264	0.00478996	0.164448	-6.08094	0.526962	0.734129	-1.36216	0.0126083	0.224131	-4.46167	3.67396	13.5268	3.27273	1
cg04310488	SLC22A2	8.93E-05	0.36816	1.12405	1.12405	0.000257008	0.467068	-2.14101	1.32E-05	0.314759	-3.17704	0.00506106	1.59821	1.59821	0.0842891	1.27329	1.27329	0.296424	1.14678	1.14678	0.0011317	0.545519	-1.83312	0.00379254	1.63893	1.63893	0.24148	0.856323	-1.16778	22.8205	5.78441	0.225311	1
cg17098387	SLC22A2	0.00126798	0.00145575	0.427686	-2.33816	0.374448	0.845025	-1.1834	0.000183658	0.31107	-3.21471	0.000696094	0.38459	-2.60017	0.142354	0.747288	-1.33817	0.00151387	0.430019	-2.32548	0.386885	0.848888	-1.17801	0.664117	0.92247	-1.08405	0.0036457	0.483642	-2.06764	10.9973	5.94224	0.480301	1
cg13717233	SLC22A2	0.00137739	0.0131122	0.721196	-1.38659	0.00203778	1.58723	1.58723	0.00651253	1.45593	1.45593	0.0436246	0.781572	-1.27947	0.579422	1.06128	1.06128	0.0512667	1.26592	1.26592	0.000372934	1.83079	1.83079	0.869124	1.01767	1.01767	0.12453	0.838048	-1.19325	10.7396	1.91976	0.158893	1
cg14450766	SLC22A2	0.00587877	0.00192827	0.164537	-6.07765	0.00168805	0.158013	-6.32861	0.00489215	0.2158	-4.63393	0.137372	0.517949	-1.93069	0.00212521	0.169427	-5.90223	0.137739	0.518315	-1.92933	0.0605232	0.41888	-2.38732	0.646801	0.827216	-1.20887	0.0248487	0.333516	-2.99835	6.983	18.6958	2.37985	1
cg19561774	SLC22A2	0.0127933	0.429798	0.900873	-1.11003	0.0121265	1.49933	1.49933	0.985948	0.997721	-1.00228	0.201512	0.839703	-1.1909	0.279962	0.86461	-1.15659	0.218056	1.18273	1.18273	0.000684334	1.95792	1.95792	0.651434	0.942794	-1.06068	0.160923	1.21405	1.21405	5.45863	1.45044	0.236191	1
cg14918008	SLC22A2	0.0174158	0.967845	1.0057	1.0057	0.642261	1.06824	1.06824	0.0536974	0.73408	-1.36225	0.177206	0.816782	-1.22432	0.000696385	0.481921	-2.07503	0.691107	1.05798	1.05798	0.0889576	1.30307	1.30307	0.677977	1.06069	1.06069	0.126022	0.791681	-1.26313	4.92944	1.55454	0.280319	1
cg07601258	SLC22A2	0.0203765	0.470905	1.18761	1.18761	0.00321768	2.56642	2.56642	0.002634	2.65349	2.65349	0.520436	0.858369	-1.165	0.416854	1.21473	1.21473	0.279004	0.768077	-1.30195	0.0661949	1.62107	1.62107	0.898406	1.0304	1.0304	0.679549	0.907214	-1.10228	4.67482	4.06902	0.773699	1
cg19627213	SLC22A2	0.0210952	0.219003	0.726932	-1.37564	0.0112617	2.18855	2.18855	0.400957	0.808888	-1.23626	0.451635	0.827628	-1.20827	0.255398	0.746076	-1.34035	0.124332	1.50762	1.50762	0.00560835	2.4526	2.4526	0.0217185	1.97339	1.97339	0.877692	1.03872	1.03872	4.61989	4.45324	0.856825	1
cg27204616	SLC22A2	0.0280415	0.133323	0.758247	-1.31883	0.00469828	1.90049	1.90049	0.555481	0.903108	-1.10729	0.103494	0.737627	-1.3557	0.475171	0.883287	-1.13214	0.480234	0.884583	-1.13048	0.015246	1.66405	1.66405	0.816357	1.04056	1.04056	0.22652	0.804919	-1.24236	4.1856	1.93618	0.411183	1
cg23995605	SLC22A2	0.0302414	0.0525074	0.295738	-3.38137	0.00327941	0.109237	-9.15442	0.00990864	0.165229	-6.0522	0.523642	0.699669	-1.42925	0.26141	0.523517	-1.91016	0.139006	0.414793	-2.41084	0.0180724	0.204585	-4.88794	0.0310208	0.246818	-4.05156	0.511816	0.692347	-1.44436	4.07521	19.7082	4.29878	1
cg07026448	SLC22A2	0.0365633	0.0162592	0.195024	-5.12757	0.0308929	0.244201	-4.09498	0.0312148	0.245081	-4.08028	0.396999	0.617285	-1.62	0.00538134	0.130243	-7.67798	0.100553	0.367664	-2.71988	0.248628	0.5113	-1.9558	0.750504	1.19416	1.19416	0.0378012	0.261885	-3.81847	3.80629	18.6513	4.35567	1
cg14373018	SLC22A20	0.000219015	0.000164542	1.97182	1.97182	0.0011899	1.65238	1.65238	0.49834	1.07535	1.07535	0.00643213	1.45439	1.45439	0.0086892	0.702254	-1.42399	3.31E-05	2.34367	2.34367	0.0038965	1.50796	1.50796	0.181763	1.16162	1.16162	0.529426	0.934881	-1.06965	17.9238	3.17102	0.157259	1
cg10133725	SLC22A20	0.000410493	0.027351	0.705162	-1.41811	0.612709	0.933974	-1.07069	2.73E-05	0.330467	-3.02602	0.000575695	0.490193	-2.04001	0.00180238	0.552121	-1.8112	0.00375294	0.592417	-1.688	0.00188888	0.554684	-1.80283	0.968459	0.994723	-1.00531	0.00144989	0.540244	-1.85101	15.092	4.27993	0.252079	1
cg02780017	SLC22A20	0.0043166	0.537941	0.914837	-1.09309	0.000630927	2.11645	2.11645	0.00304808	0.560306	-1.78474	0.251254	0.842751	-1.18659	0.144259	1.2509	1.2509	0.347074	0.870936	-1.14819	0.775575	0.960026	-1.04164	0.0939989	1.30057	1.30057	0.039525	0.711888	-1.40472	7.67388	2.47572	0.28677	1
cg03219657	SLC22A20	0.0281985	0.0113378	0.437607	-2.28515	0.0519565	0.561921	-1.77961	0.00392351	0.363564	-2.75055	0.064429	0.581852	-1.71865	0.0172578	0.469472	-2.13005	0.262104	0.737264	-1.35637	0.0210311	0.485046	-2.06166	0.335223	0.771792	-1.29569	0.0797356	0.602369	-1.66011	4.17737	4.49541	0.956563	1
cg25010124	SLC22A20	0.0495214	0.260831	1.30681	1.30681	0.454756	1.18974	1.18974	0.0218354	0.533697	-1.87372	0.764533	1.07095	1.07095	0.00928705	0.470902	-2.12359	0.120043	1.46934	1.46934	0.845802	1.04543	1.04543	0.157605	1.41169	1.41169	0.623358	0.893202	-1.11957	3.40053	2.80398	0.732953	1
cg11713788	SLC22A23	0.000320709	0.16201	0.576418	-1.73485	1.16E-05	0.0323801	-30.8832	0.827543	1.08383	1.08383	0.648739	1.18438	1.18438	0.000855571	0.157533	-6.34786	0.730175	0.880074	-1.13627	0.000687483	0.147694	-6.77077	0.959085	0.981248	-1.01911	0.153215	1.7583	1.7583	16.1521	34.8282	1.91668	1
cg05989628	SLC22A23	0.00234423	0.479415	0.898721	-1.11269	0.000155727	2.61623	2.61623	0.02638	1.47858	1.47858	0.040946	1.4196	1.4196	0.0431681	0.707867	-1.41269	0.114951	1.28991	1.28991	0.0212089	0.662693	-1.509	0.466156	1.11644	1.11644	0.0656683	1.35906	1.35906	9.20442	3.21556	0.310532	1
cg16984553	SLC22A23	0.0182643	0.417662	1.12094	1.12094	0.000321067	2.23109	2.23109	0.680902	0.944595	-1.05865	0.195544	0.828038	-1.20767	0.59647	1.07644	1.07644	0.910838	0.984677	-1.01556	0.446126	0.898479	-1.11299	0.731935	0.953707	-1.04854	0.754646	0.957706	-1.04416	4.85127	1.45993	0.2675	1
cg16153042	SLC22A23;SLC22A23	2.08E-05	0.0524984	0.79557	-1.25696	9.67E-07	0.262209	-3.81375	0.0157387	0.735665	-1.35931	0.0181121	1.34677	1.34677	0.00369235	0.665637	-1.50232	0.065522	0.807019	-1.23913	0.000198526	0.522905	-1.91239	1.12E-05	0.379482	-2.63517	0.134659	0.845943	-1.18211	33.5251	5.71279	0.15147	1
cg20346284	SLC22A23;SLC22A23	0.00055396	0.185171	0.744551	-1.34309	0.0289999	1.71658	1.71658	0.928899	0.98144	-1.01891	0.677655	0.915991	-1.09171	3.35E-05	0.184797	-5.41133	0.79431	0.946628	-1.05638	0.0022753	0.408195	-2.44981	0.00258432	2.40301	2.40301	0.665387	0.912704	-1.09565	13.8894	9.69386	0.620385	1
cg09561029	SLC22A23;SLC22A23	0.000989026	0.000916623	0.336635	-2.97057	0.00212923	0.387286	-2.58207	0.00110815	0.34775	-2.87563	0.781566	0.940745	-1.06299	0.00375495	0.42328	-2.3625	0.000560956	0.308647	-3.23994	0.000425627	0.293407	-3.40824	0.206891	0.746377	-1.33981	0.0139769	0.513212	-1.94851	11.8034	9.0279	0.679872	1
cg26673629	SLC22A23;SLC22A23	0.00114034	0.280809	1.23242	1.23242	0.0223692	1.6656	1.6656	0.172873	1.3105	1.3105	0.680254	1.08031	1.08031	1.99E-05	0.19978	-5.0055	0.352194	0.836544	-1.19539	0.904273	1.02268	1.02268	0.604212	1.10239	1.10239	0.79517	0.952658	-1.04969	11.3354	6.23904	0.489246	1
cg01445151	SLC22A23;SLC22A23	0.00261081	0.883969	0.983043	-1.01725	0.230496	1.15873	1.15873	0.314512	1.12954	1.12954	0.127047	0.824264	-1.2132	0.000206007	0.482842	-2.07107	0.00258851	0.613258	-1.63064	0.67895	1.04995	1.04995	0.0938915	1.24076	1.24076	0.0603422	1.28156	1.28156	8.91737	1.93702	0.193083	1
cg12650685	SLC22A23;SLC22A23	0.00615943	0.628838	1.07869	1.07869	0.717118	1.05822	1.05822	0.060661	0.719701	-1.38947	0.0821253	1.34924	1.34924	0.300976	1.18137	1.18137	0.00173275	2.00346	2.00346	0.000706518	2.23156	2.23156	0.390761	0.87218	-1.14655	0.461798	0.890027	-1.12356	6.88316	2.63657	0.340486	1
cg11560431	SLC22A23;SLC22A23	0.00801713	0.0215111	0.571064	-1.75112	0.0565692	1.54947	1.54947	0.217314	1.30128	1.30128	0.775892	0.943737	-1.05962	0.00576156	0.479929	-2.08364	0.00397205	0.455756	-2.19416	0.126407	1.3986	1.3986	0.781773	1.05796	1.05796	0.0292417	0.593821	-1.68401	6.33988	4.13325	0.579507	1
cg01959262	SLC22A23;SLC22A23	0.00911041	0.521178	1.09711	1.09711	0.654227	0.937767	-1.06636	0.000802364	2.0567	2.0567	0.412353	0.887405	-1.12688	0.914569	0.984822	-1.01541	0.0157105	1.52494	1.52494	0.0108864	1.57715	1.57715	0.12381	0.788559	-1.26814	0.330527	0.866666	-1.15385	6.08876	1.95876	0.285956	1
cg06288253	SLC22A23;SLC22A23	0.010237	0.520664	0.812987	-1.23003	0.133747	0.59793	-1.67244	0.50731	0.807423	-1.23851	0.250977	0.682891	-1.46436	0.00106102	0.214568	-4.66053	0.0186444	0.403799	-2.47648	0.0012559	0.223605	-4.47218	0.119325	0.584206	-1.71172	0.0218806	0.416994	-2.39811	5.86646	9.39505	1.42354	1
cg04365399	SLC22A23;SLC22A23	0.028189	0.400652	1.14508	1.14508	0.894521	1.02111	1.02111	0.426438	1.13642	1.13642	0.0050907	1.79148	1.79148	0.721659	1.05795	1.05795	0.149067	1.27592	1.27592	0.00420558	1.82886	1.82886	0.0699711	1.37585	1.37585	0.121836	0.7679	-1.30225	4.17787	1.64094	0.349129	1
cg22544679	SLC22A23;SLC22A23	0.02948	0.0114815	0.2163	-4.62321	0.00752645	0.189152	-5.28675	0.00860269	0.197424	-5.06523	0.821081	0.896127	-1.11591	0.0337998	0.3012	-3.32005	0.422629	0.672625	-1.48671	0.068912	0.373218	-2.6794	0.0354472	0.305552	-3.27276	0.154829	0.47844	-2.09013	4.11226	15.2676	3.30019	1
cg22907761	SLC22A23;SLC22A23	0.0305768	0.0319421	0.659171	-1.51706	0.414095	0.870726	-1.14847	0.0099405	0.582826	-1.71578	0.982187	0.996305	-1.00371	0.420442	1.14622	1.14622	0.3248	1.18363	1.18363	0.0165293	1.62501	1.62501	0.0824174	0.726887	-1.37573	0.888245	1.02359	1.02359	4.05926	1.76738	0.387017	1
cg05283252	SLC22A23;SLC22A23	0.0348178	0.0154612	0.504372	-1.98266	0.30878	1.27466	1.27466	0.795126	0.941811	-1.06178	0.952332	1.01387	1.01387	0.00411871	0.412096	-2.42662	0.0523485	0.601482	-1.66256	0.325034	0.791255	-1.26381	0.169329	1.40118	1.40118	0.416982	0.826045	-1.21059	3.87444	3.25694	0.74722	1
cg11552025	SLC22A23;SLC22A23	0.0399855	0.191303	0.733236	-1.36382	0.0543512	0.612842	-1.63174	0.803547	1.05749	1.05749	0.392842	0.821752	-1.21691	0.00778454	0.464716	-2.15185	0.752727	0.931571	-1.07346	0.0210727	1.86306	1.86306	0.252132	1.30774	1.30774	0.338277	0.801409	-1.2478	3.68363	2.93448	0.708114	1
cg26186918	SLC22A23;SLC22A23	0.0442722	0.0794181	0.626359	-1.59653	0.0646614	0.607358	-1.64648	0.894484	1.0324	1.0324	0.498207	1.17965	1.17965	0.0100348	0.458007	-2.18337	0.374224	0.803197	-1.24502	0.00871975	0.447985	-2.23222	0.286706	1.3045	1.3045	0.454102	0.832584	-1.20108	3.54709	3.24328	0.812756	1
cg03802443	SLC22A23;SLC22A23	0.0494059	0.439759	0.840147	-1.19027	0.459484	0.846636	-1.18115	0.0843442	0.655686	-1.52512	0.524973	1.15304	1.15304	0.00342126	0.415125	-2.40891	0.275387	0.77815	-1.2851	0.0544779	1.61978	1.61978	0.997832	0.9994	-1.0006	0.595304	1.12581	1.12581	3.40355	2.63397	0.687902	1
cg24642933	SLC22A24	0.000481826	0.000402118	0.100181	-9.9819	0.000444703	0.103733	-9.64011	0.0153656	0.296374	-3.37411	0.0822803	0.455245	-2.19662	0.000325423	0.0929984	-10.7529	0.00202609	0.168726	-5.92677	0.000268066	0.0867476	-11.5277	0.000645302	0.117652	-8.49965	0.00710168	0.241276	-4.14464	14.438	38.2157	2.35279	1
cg16933967	SLC22A24	0.00403769	0.000244037	0.230601	-4.33649	0.0916596	0.63806	-1.56725	0.566894	0.869326	-1.15032	0.416196	0.817878	-1.22268	0.00221865	0.354487	-2.82098	0.306283	1.29209	1.29209	0.165334	1.43049	1.43049	0.172871	1.4204	1.4204	0.588533	0.87622	-1.14127	7.83032	7.25899	0.824032	1
cg04426607	SLC22A24	0.0133971	0.0133207	0.124635	-8.02345	0.0640345	0.243306	-4.11005	0.426377	0.576054	-1.73595	0.0419491	0.203545	-4.91292	0.0103677	0.111632	-8.95799	0.0242546	0.161383	-6.19646	0.00305951	0.0636431	-15.7126	0.00873361	0.103433	-9.66808	0.0120865	0.11944	-8.3724	5.37697	39.2735	6.49246	1
cg16950247	SLC22A24;SLC22A24	0.0148155	0.00680323	0.0928636	-10.7685	0.0569031	0.232145	-4.30764	0.0481982	0.216477	-4.61943	0.0360241	0.191499	-5.22197	0.105578	0.301707	-3.31448	0.100702	0.295657	-3.3823	0.00347188	0.0679748	-14.7113	0.00468066	0.0782215	-12.7842	0.0139174	0.127561	-7.8394	5.20193	37.8447	6.46678	1
cg10319663	SLC22A25	0.00290414	0.00233681	0.100922	-9.90869	0.000438168	0.0498621	-20.0553	0.0271993	0.24391	-4.09988	0.028367	0.247396	-4.0421	0.00154521	0.0856195	-11.6796	0.0575952	0.313803	-3.18671	0.00228624	0.100062	-9.99381	0.0291777	0.249759	-4.00386	0.0218349	0.226412	-4.41673	8.641	39.8711	4.10148	1
cg21961694	SLC22A25	0.00697775	0.00356925	0.125564	-7.96405	0.0125374	0.195485	-5.11549	0.0344733	0.273553	-3.6556	0.03973	0.286545	-3.48985	0.458235	0.672323	-1.48738	0.0243691	0.244093	-4.0968	0.00115976	0.0814314	-12.2803	0.027458	0.25388	-3.93887	0.00357336	0.125618	-7.96067	6.62169	28.9743	3.88949	1
cg23898998	SLC22A3	6.76E-05	0.454176	1.1695	1.1695	0.00409184	2.20594	2.20594	0.0116019	0.523073	-1.91178	0.95116	0.9875	-1.01266	0.406982	1.1903	1.1903	0.00478229	2.15783	2.15783	2.27E-06	0.0934344	-10.7027	0.00534845	2.12427	2.12427	0.46042	0.856983	-1.16688	24.5759	16.4155	0.593735	1
cg17768600	SLC22A3	0.000635612	0.00810178	1.66625	1.66625	0.000674566	2.1878	2.1878	0.00577415	1.72403	1.72403	0.0068394	1.69474	1.69474	0.00440565	1.77261	1.77261	0.131594	1.27777	1.27777	0.0639275	0.730821	-1.36832	5.08E-05	3.13738	3.13738	0.0440604	1.41681	1.41681	13.367	4.80092	0.319255	1
cg07883823	SLC22A3	0.00140606	0.519891	1.11576	1.11576	8.48E-05	3.27459	3.27459	0.555223	1.10539	1.10539	0.240647	1.22908	1.22908	0.0123216	0.592556	-1.68761	0.176447	1.2729	1.2729	0.00423886	1.90173	1.90173	0.012426	1.68606	1.68606	0.00857961	1.75583	1.75583	10.6763	4.76724	0.396913	1
cg11696576	SLC22A3	0.00215046	0.345116	0.88732	-1.12699	0.155412	1.20551	1.20551	0.78565	1.03408	1.03408	0.524993	0.923859	-1.08242	3.41E-05	0.372842	-2.6821	0.186468	1.1879	1.1879	0.219258	0.853135	-1.17215	0.154019	1.20638	1.20638	0.707582	0.954729	-1.04742	9.43996	2.25985	0.212793	1
cg15363979	SLC22A3	0.00255133	0.595178	0.938947	-1.06502	0.216968	0.858474	-1.16486	0.000563953	0.533728	-1.87361	0.00496839	0.64606	-1.54784	0.00606586	0.656415	-1.52343	0.188031	1.17806	1.17806	0.189943	1.17713	1.17713	0.0190286	1.39581	1.39581	0.164967	1.19006	1.19006	8.97815	1.96214	0.194263	1
cg24358785	SLC22A3	0.00402732	0.158404	1.63622	1.63622	0.00718644	3.10556	3.10556	0.189763	1.57391	1.57391	0.148725	1.65827	1.65827	0.0012706	4.64302	4.64302	0.606639	1.18484	1.18484	0.000382978	6.36932	6.36932	0.00339807	3.67074	3.67074	0.0354828	2.2244	2.2244	7.83639	13.2358	1.50135	1
cg22117918	SLC22A3	0.0068455	0.130799	1.30363	1.30363	0.000236804	2.69076	2.69076	0.00683108	1.76724	1.76724	0.0172753	1.60209	1.60209	0.623113	0.922657	-1.08383	0.181568	1.25919	1.25919	0.0328775	1.50016	1.50016	0.264341	1.20812	1.20812	0.0597869	1.41224	1.41224	6.66128	2.78622	0.371797	1
cg08303612	SLC22A3	0.00895737	0.182103	0.809939	-1.23466	0.153542	0.796565	-1.25539	0.0010598	2.0556	2.0556	0.874296	1.02385	1.02385	0.706855	1.05785	1.05785	0.0206228	1.51434	1.51434	0.0120111	0.627291	-1.59416	0.435304	0.888274	-1.12578	0.426319	1.12852	1.12852	6.12159	2.14795	0.311895	1
cg07349212	SLC22A3	0.00929636	0.6088	0.918948	-1.0882	0.041412	0.680346	-1.46984	0.19289	0.797998	-1.25314	0.384563	0.864169	-1.15718	0.00251304	0.502995	-1.98809	0.405843	1.14942	1.14942	0.00455335	0.538611	-1.85663	0.00183793	0.48456	-2.06373	0.710286	1.06301	1.06301	6.04978	2.56918	0.377487	1
cg02042585	SLC22A3	0.00954269	0.634855	1.11176	1.11176	0.0180842	1.88853	1.88853	0.212425	0.747636	-1.33755	0.766673	0.936228	-1.06812	0.0968099	1.49728	1.49728	0.0894472	1.51387	1.51387	0.000710421	3.13307	3.13307	0.00477347	2.29243	2.29243	0.407893	1.20619	1.20619	5.99962	4.65972	0.690373	1
cg07237939	SLC22A3	0.0111677	0.0110149	0.364475	-2.74367	0.569092	0.838725	-1.19229	0.989944	0.996162	-1.00385	0.0448236	0.487673	-2.05055	0.0789126	0.546004	-1.83149	0.068618	0.530995	-1.88326	0.941085	1.02281	1.02281	0.0123008	2.67902	2.67902	0.00686815	3.04567	3.04567	6.46373	9.32986	1.12266	1
cg00321824	SLC22A3	0.0359812	0.0214882	0.283611	-3.52595	0.070253	0.397227	-2.51745	0.0184412	0.271376	-3.68493	0.0243302	0.293904	-3.40247	0.0145484	0.253302	-3.94785	0.0514648	0.363659	-2.74983	0.0154509	0.25779	-3.87912	0.182604	0.524504	-1.90656	0.0749489	0.40461	-2.47152	3.82856	12.6215	2.93036	1
cg13654253	SLC22A4	0.00147405	0.0623137	2.3246	2.3246	0.58768	0.802452	-1.24618	0.0972818	0.481156	-2.07833	?	?	?	0.0922286	2.10657	2.10657	0.427531	1.38495	1.38495	4.67E-05	0.0455889	-21.9352	0.382506	1.43339	1.43339	0.100395	0.485015	-2.06179	10.7774	24.5215	2.27528	1
cg12468553	SLC22A4	0.00281951	0.858461	0.941761	-1.06184	0.00485958	0.285022	-3.5085	0.75784	0.901265	-1.10955	0.00361029	0.266	-3.7594	0.00172427	0.222426	-4.49588	0.272412	1.46815	1.46815	0.000602266	0.168883	-5.92125	0.890803	1.04726	1.04726	0.0156338	0.369261	-2.70811	8.71704	15.5996	1.59071	1
cg05231888	SLC22A4	0.00727643	0.00379515	0.273333	-3.65855	0.0118714	0.352303	-2.83847	0.878485	1.05214	1.05214	0.873446	1.05438	1.05438	0.0584944	0.491611	-2.03413	0.646654	1.1657	1.1657	0.000414983	0.155577	-6.42767	0.153699	0.602074	-1.66093	0.169826	0.615254	-1.62535	6.53561	11.4215	1.55341	1
cg16700673	SLC22A4	0.0146806	0.119581	0.381064	-2.62423	0.302749	0.543451	-1.84009	0.500237	1.47828	1.47828	0.747775	1.20239	1.20239	0.711824	0.809002	-1.23609	0.000985365	0.0609458	-16.408	0.0030148	0.0979857	-10.2056	0.613303	1.3379	1.3379	0.768041	1.18406	1.18406	5.21767	26.9654	4.59386	1
cg19848599	SLC22A4	0.0169315	0.0258094	2.35402	2.35402	0.0859792	0.54135	-1.84723	0.106296	0.565257	-1.76911	0.6035	1.18468	1.18468	0.423405	1.30273	1.30273	0.422498	1.30343	1.30343	0.00137142	4.49027	4.49027	0.211872	1.53015	1.53015	0.0792425	1.87801	1.87801	4.9762	8.24497	1.47278	1
cg25350825	SLC22A4	0.0305578	0.124465	0.772617	-1.2943	0.198816	0.810113	-1.2344	0.229541	0.822396	-1.21596	0.75444	0.952502	-1.04987	0.00707354	0.582865	-1.71566	0.631212	0.927736	-1.07789	0.0978293	0.754523	-1.32534	0.13674	1.28225	1.28225	0.00374271	0.544939	-1.83507	4.06015	1.54666	0.338611	1
cg08833630	SLC22A4	0.0390396	0.0846318	1.47886	1.47886	0.0508472	1.57835	1.57835	0.507766	1.1478	1.1478	0.060794	1.54282	1.54282	0.199451	1.32064	1.32064	0.502294	0.869633	-1.14991	0.0136117	0.534612	-1.87052	0.231438	1.29369	1.29369	0.137666	0.720382	-1.38815	3.7162	2.47705	0.592494	1
cg27372468	SLC22A4;SLC22A4	0.000409928	0.581179	1.05154	1.05154	0.293307	1.10332	1.10332	0.0738847	0.835543	-1.19683	0.106043	0.85282	-1.17258	0.00960493	1.34405	1.34405	0.952025	0.994588	-1.00544	1.18E-05	0.433344	-2.30763	0.0024594	0.683944	-1.46211	0.122133	0.859754	-1.16312	15.0978	1.94498	0.114512	1
cg20453264	SLC22A5	6.06E-05	0.00111288	0.619097	-1.61526	0.0132336	1.3587	1.3587	0.000248472	1.82892	1.82892	8.50E-06	2.63099	2.63099	0.497288	0.93352	-1.07121	0.581037	1.05722	1.05722	0.00155762	0.635101	-1.57455	0.857078	0.982165	-1.01816	0.0114409	0.729125	-1.37151	25.2986	3.99286	0.140293	1
cg16647868	SLC22A5	0.000342224	0.00403084	0.555448	-1.80035	0.373643	0.870217	-1.14914	0.817324	0.965394	-1.03585	2.53E-05	3.57031	3.57031	0.0494017	0.710813	-1.40684	0.360322	0.866626	-1.1539	0.0125928	1.6036	1.6036	0.011839	0.619822	-1.61337	0.0111394	0.616108	-1.62309	15.8669	5.82232	0.326176	1
cg24060327	SLC22A5	0.00564076	0.284352	1.44327	1.44327	0.92153	0.968016	-1.03304	0.000118309	0.108319	-9.23198	0.181671	1.5964	1.5964	0.112719	0.565743	-1.76759	0.999192	1.00033	1.00033	0.278368	0.689445	-1.45044	0.130635	1.71353	1.71353	0.580771	0.831912	-1.20205	7.07242	12.1918	1.53231	1
cg21948465	SLC22A5	0.0367861	0.627685	0.847977	-1.17928	0.643647	1.17021	1.17021	0.903089	1.04196	1.04196	0.0013102	0.206292	-4.84749	0.328344	1.40553	1.40553	0.880192	1.05221	1.05221	0.0373794	0.442593	-2.25941	0.447277	1.29868	1.29868	0.298889	0.695384	-1.43805	3.79788	6.84778	1.60272	1
cg17951613	SLC22A5;SLC22A5	0.000631059	0.772955	0.983503	-1.01677	0.107414	0.903896	-1.10632	0.463737	0.958021	-1.04382	0.934527	1.00474	1.00474	0.895158	1.00761	1.00761	0.707318	0.978544	-1.02193	5.35E-06	0.552835	-1.80886	0.493152	1.04083	1.04083	0.152681	0.915687	-1.09208	13.3939	0.701443	0.0465515	1
cg05721705	SLC22A6;SLC22A6;SLC22A6;SLC22A6	0.0120013	0.610266	0.906774	-1.10281	0.0110536	0.545137	-1.8344	0.0346725	0.625745	-1.5981	0.915944	1.0203	1.0203	0.000600181	0.36501	-2.73965	0.0250283	0.601952	-1.66126	0.651052	0.916967	-1.09055	0.373844	0.840475	-1.1898	0.0179797	0.578514	-1.72857	5.5733	3.19915	0.510235	1
cg09298934	SLC22A7;SLC22A7	0.0197427	0.796103	0.882381	-1.1333	0.0438011	0.326348	-3.06421	0.191326	0.512461	-1.95137	0.0979917	0.415967	-2.40404	0.0271527	0.282597	-3.53861	0.694269	0.826214	-1.21034	0.00577974	0.174211	-5.74017	0.00120762	0.101189	-9.88245	0.235729	0.54855	-1.82299	4.72529	17.4763	3.28752	1
cg04743638	SLC22A8	0.00302888	0.443431	0.742887	-1.3461	0.228415	0.618272	-1.61741	0.0180844	0.335528	-2.98038	0.15335	0.559043	-1.78877	0.0104277	0.293288	-3.40962	0.0245092	0.360919	-2.77071	0.258397	1.56603	1.56603	6.76E-05	0.0623922	-16.0276	0.226962	0.61725	-1.62009	8.53383	19.5535	2.03671	1
cg06917325	SLC22A8	0.0156004	0.201431	0.800131	-1.24979	0.00451769	1.86909	1.86909	0.0210294	0.632059	-1.58213	0.052455	1.43979	1.43979	0.730432	1.05883	1.05883	0.0822086	0.727424	-1.37471	0.137687	1.30242	1.30242	0.120158	0.756808	-1.32134	0.328553	0.846472	-1.18137	5.11378	2.21256	0.384593	1
cg15572436	SLC22A8	0.0219088	0.00735876	0.213381	-4.68644	0.729553	0.856247	-1.16789	0.00352294	0.170443	-5.86708	0.0737029	0.41002	-2.4389	0.00785816	0.217581	-4.59599	0.0675844	0.400233	-2.49855	0.0683721	0.401527	-2.49049	0.0894923	0.432912	-2.30994	0.0553771	0.378663	-2.64087	4.56043	14.4432	2.81516	1
cg22907415	SLC22A8	0.0241586	0.251618	1.20905	1.20905	0.553446	0.909359	-1.09968	0.0126951	0.612059	-1.63383	0.416993	0.876802	-1.14051	0.0319276	0.671355	-1.48952	0.0259128	0.657615	-1.52065	0.0616788	1.39596	1.39596	0.231741	0.819712	-1.21994	0.0748631	1.36952	1.36952	4.40933	1.75437	0.353669	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08288703	SLC22A8	0.0374888	0.260323	0.736747	-1.35732	0.97479	1.00826	1.00826	0.011461	0.439042	-2.27769	0.126014	0.650008	-1.53844	0.00231313	0.330371	-3.0269
cg02165693	SLC22A9	1.29E-08	4.51E-09	0.0442499	-22.5989	1.86E-06	0.236443	-4.22935	2.79E-05	0.366516	-2.72839	0.05266	1.30748	1.30748	9.34E-07	0.206433	-4.84418
cg07751764	SLC22A9	3.50E-05	5.33E-05	0.148246	-6.74555	0.00435783	0.381285	-2.62271	0.0769534	0.607819	-1.64523	0.00134966	0.307725	-3.24966	1.01E-05	0.0910471	-10.9833
cg01135800	SLC22A9	0.00743838	0.00436503	0.0880327	-11.3594	0.00490743	0.0926674	-10.7913	0.0191269	0.163717	-6.10808	0.0764073	0.284225	-3.51834	0.0138953	0.143765	-6.95577
cg22995232	SLC22A9	0.0106647	0.00930041	0.0920394	-10.8649	0.00203497	0.0430813	-23.2119	0.0718276	0.233861	-4.27604	0.109505	0.283224	-3.53077	0.0458659	0.191163	-5.23114
cg05133251	SLC22A9	0.0428414	0.894646	1.02765	1.02765	0.0737872	0.663449	-1.50727	0.00956415	0.508888	-1.96507	0.427929	1.18131	1.18131	0.237636	1.29005	1.29005
cg23683201	SLC22A9	0.0478197	0.869897	1.10824	1.10824	0.678389	0.769952	-1.29878	0.58319	0.706499	-1.41543	0.350697	1.82614	1.82614	0.216309	0.442318	-2.26082
cg17124408	SLC22A9;SLC22A9	0.00779031	0.0124941	0.148249	-6.74541	0.00101493	0.0500731	-19.9708	0.0123923	0.147769	-6.76733	0.0961794	0.325571	-3.07153	0.00685867	0.116414	-8.59002
cg21517683	SLC23A1;SLC23A1	0.000262828	5.89E-05	0.250132	-3.99789	0.000369936	0.345809	-2.89177	0.000945556	0.399103	-2.50562	0.139442	0.743545	-1.34491	0.000111347	0.281905	-3.54729
cg18446110	SLC23A1;SLC23A1	0.000960411	0.000454493	0.21395	-4.67398	0.00071191	0.237167	-4.21643	0.0043236	0.344837	-2.89992	0.297328	0.739649	-1.35199	0.0111283	0.411341	-2.43107
cg21554588	SLC23A1;SLC23A1	0.0012132	0.815101	0.957838	-1.04402	0.0321738	0.630398	-1.5863	0.00019303	0.315329	-3.17129	0.938949	0.986013	-1.01419	7.63E-05	0.267498	-3.73834
cg18115658	SLC23A1;SLC23A1	0.00172081	0.000321854	0.384667	-2.59965	0.153523	0.778122	-1.28515	0.000120715	0.331936	-3.01263	0.0484773	0.690683	-1.44784	0.00695012	0.563649	-1.77415
cg11007296	SLC23A1;SLC23A1	0.00281108	0.648505	0.945743	-1.05737	0.586567	1.06902	1.06902	0.20341	0.849434	-1.17725	0.255669	1.15516	1.15516	0.00357895	0.619031	-1.61543
cg26392924	SLC23A1;SLC23A1	0.00357362	0.000594487	0.258436	-3.86943	0.191706	0.702755	-1.42297	0.00911852	0.429365	-2.32902	0.00178319	0.321441	-3.111	0.00349021	0.363669	-2.74975
cg00976381	SLC23A1;SLC23A1	0.00444683	0.277637	1.11298	1.11298	0.0121242	1.34511	1.34511	0.226105	0.886468	-1.12807	0.758989	1.02961	1.02961	0.421477	1.08097	1.08097
cg12205435	SLC23A1;SLC23A1	0.00573561	0.0549518	0.702983	-1.42251	0.0227927	1.55464	1.55464	0.488573	1.12068	1.12068	0.821784	1.03721	1.03721	0.000196101	0.362778	-2.75651
cg02347002	SLC23A1;SLC23A1	0.00753431	0.0132277	0.33954	-2.94516	0.00190926	0.213008	-4.69467	0.00117212	0.18722	-5.34131	0.122283	0.554848	-1.80229	0.00809243	0.303355	-3.29647
cg21631086	SLC23A1;SLC23A1	0.0242064	0.338541	0.822635	-1.21561	0.00511007	0.480845	-2.07967	0.00500741	0.47953	-2.08538	0.973803	0.993522	-1.00652	0.351904	0.827295	-1.20876
cg01742263	SLC23A1;SLC23A1	0.0461911	0.0366409	3.22582	3.22582	0.0107314	4.69467	4.69467	0.994474	0.996665	-1.00335	0.36616	1.56489	1.56489	0.145061	2.12721	2.12721
cg11459648	SLC23A1;SLC23A1	0.0476333	0.267925	1.84564	1.84564	0.0415833	3.48232	3.48232	0.709739	1.21963	1.21963	0.433557	0.654184	-1.52862	0.28195	1.81082	1.81082
cg25554205	SLC23A2	0.0161685	0.000867618	2.20941	2.20941	0.111502	0.759605	-1.31647	0.0603871	0.714676	-1.39924	0.854597	1.02953	1.02953	0.668304	1.07076	1.07076
cg08435683	SLC23A2;SLC23A2	0.02108	0.57063	1.17849	1.17849	0.0308174	0.483491	-2.06829	0.147001	0.640195	-1.56202	0.127328	0.623447	-1.60399	0.837089	0.942707	-1.06077
cg26800832	SLC23A2;SLC23A2	0.045221	0.126711	0.638537	-1.56608	0.622544	0.873952	-1.14423	0.560779	1.17318	1.17318	0.301037	0.747527	-1.33774	0.00163323	0.293683	-3.40504
cg15079315	SLC23A2;SLC23A2	0.0460453	0.552323	1.38869	1.38869	0.379819	0.610727	-1.63739	0.880515	0.921256	-1.08547	0.146803	0.423863	-2.35925	0.140112	0.416736	-2.3996
cg27557790	SLC23A3;SLC23A3;SLC23A3	0.000120678	0.080334	0.702568	-1.42335	0.014568	0.578365	-1.72901	3.54E-05	0.233959	-4.27424	0.176851	0.770099	-1.29853	9.80E-06	0.177246	-5.64188
cg04980991	SLC23A3;SLC23A3;SLC23A3	0.0231765	0.00847293	0.216576	-4.61732	0.0965398	0.435832	-2.29446	0.509474	0.737427	-1.35607	0.267165	0.590855	-1.69246	0.00455318	0.179065	-5.58456
cg15797218	SLC23A3;SLC23A3;SLC23A3;SLC23A3;SLC23A3;SLC23A3	0.0306353	0.494701	0.786389	-1.27163	0.4111	0.747307	-1.33814	0.028582	0.408539	-2.44774	0.0273565	0.404678	-2.4711	0.0126109	0.341336	-2.92967
cg14601251	SLC24A1	0.000852928	0.0883107	0.629874	-1.58762	0.0951748	0.637202	-1.56936	0.00286531	0.364802	-2.74121	0.366759	0.7962	-1.25597	0.000177987	0.209915	-4.76383
cg19607229	SLC24A1	0.014879	0.483859	0.862137	-1.15991	0.113375	1.43219	1.43219	0.505234	0.868528	-1.15137	0.244862	0.775979	-1.28869	0.0677638	0.652728	-1.53203
cg00431427	SLC24A1	0.0150903	0.0172009	0.275663	-3.62762	0.0771804	0.418025	-2.3922	0.0219188	0.295083	-3.38888	0.00782268	0.219743	-4.55078	0.0114971	0.24578	-4.06868
cg26849077	SLC24A1;SLC24A1	0.00345808	0.0247079	0.411887	-2.42785	0.00445725	0.284164	-3.51909	0.00923996	0.334255	-2.99173	0.170314	0.616084	-1.62316	0.000321903	0.145117	-6.89099
cg14439761	SLC24A2	0.0232875	0.889676	1.01986	1.01986	0.0782248	1.31948	1.31948	0.0339848	1.42008	1.42008	0.258544	1.18181	1.18181	0.385806	1.13426	1.13426
cg14414100	SLC24A2	0.045664	0.977714	1.01298	1.01298	0.00918117	0.217063	-4.60695	0.0772552	0.40371	-2.47703	0.155878	0.496049	-2.01593	0.0688762	0.390575	-2.56033
cg01352551	SLC24A3	5.58E-05	0.000171469	0.292787	-3.41545	0.000114505	0.271987	-3.67664	0.0260676	0.60173	-1.66188	0.0185648	0.577483	-1.73165	9.91E-06	0.161056	-6.209
cg16172619	SLC24A3	0.0129933	0.0669182	0.590983	-1.6921	0.405472	0.804162	-1.24353	0.0476284	0.559852	-1.78619	0.624575	0.881347	-1.13463	0.047827	0.560223	-1.785
cg22944803	SLC24A3;LOC100130264	0.048929	0.122862	0.580639	-1.72224	0.0530334	0.489216	-2.04409	0.206911	0.64865	-1.54166	0.500604	0.800653	-1.24898	0.0112916	0.356331	-2.80638
cg24195486	SLC24A4	0.0143705	0.462301	0.852819	-1.17258	0.000544448	0.318726	-3.13749	0.00946823	0.4968	-2.01288	0.792932	1.05757	1.05757	0.52397	0.871616	-1.14729
cg05200313	SLC24A4;SLC24A4;SLC24A4	0.000648665	0.000920332	0.503547	-1.98591	0.0949394	0.775472	-1.28954	0.0255049	0.69225	-1.44456	0.000283604	0.439656	-2.27451	0.920384	1.01395	1.01395
cg01499816	SLC24A4;SLC24A4;SLC24A4	0.00295395	0.47772	0.897018	-1.11481	0.0488682	0.712736	-1.40304	0.606334	0.924724	-1.0814	0.432576	0.886406	-1.12815	0.000621982	0.452648	-2.20922
cg01649853	SLC24A4;SLC24A4;SLC24A4	0.00515745	0.0531931	0.510025	-1.96069	0.00169726	0.253026	-3.95216	0.00704841	0.34384	-2.90833	0.660908	0.873453	-1.14488	0.00208242	0.264992	-3.7737
cg19811934	SLC24A4;SLC24A4;SLC24A4	0.00923903	0.387268	1.31653	1.31653	0.387189	0.759536	-1.31659	0.00368783	0.295856	-3.38002	0.0168299	0.404498	-2.4722	0.0191977	0.415121	-2.40894
cg16993582	SLC24A4;SLC24A4;SLC24A4	0.0146655	0.127339	1.52935	1.52935	0.389246	1.25528	1.25528	0.4894	1.19835	1.19835	0.153307	0.674352	-1.48291	0.00130592	0.299367	-3.34038
cg22138430	SLC24A4;SLC24A4;SLC24A4	0.0468874	0.0490263	0.487061	-2.05313	0.366046	1.34618	1.34618	0.828959	0.933088	-1.07171	0.00163663	0.236012	-4.23707	0.622016	0.852938	-1.17242
cg19409156	SLC24A5	0.00124583	0.362345	0.875075	-1.14276	0.812929	0.966775	-1.03437	0.0457789	0.721539	-1.38593	0.845988	0.972663	-1.0281	3.63E-05	0.321814	-3.10739
cg09625274	SLC24A5	0.00930173	0.618949	0.931006	-1.07411	0.953689	1.00832	1.00832	0.0436637	0.718429	-1.39193	0.805471	1.03581	1.03581	0.000339454	0.43902	-2.2778
cg18242760	SLC24A5	0.0212249	0.500694	0.79292	-1.26116	0.742036	1.11866	1.11866	0.575592	0.8253	-1.21168	0.246053	1.50957	1.50957	0.00104325	0.192523	-5.19418
cg18585464	SLC24A5	0.023436	0.47216	1.26925	1.26925	0.00142663	0.2222	-4.50046	0.154569	0.608485	-1.64343	0.867657	1.05588	1.05588	0.0127182	0.364425	-2.74405
cg08411738	SLC24A5	0.0254898	0.170991	1.17934	1.17934	0.801051	1.02898	1.02898	0.0393964	0.763629	-1.30954	0.69898	0.956981	-1.04495	0.000746775	0.560437	-1.78432
cg00302340	SLC24A6	0.000625727	0.0528437	0.569737	-1.7552	0.0117184	0.447082	-2.23672	0.00305173	0.354399	-2.82168	0.00496361	0.386407	-2.58794	0.000113997	0.177032	-5.6487
cg22283297	SLC24A6	0.00113711	0.307383	1.35549	1.35549	0.0133826	2.41531	2.41531	0.00492145	2.9224	2.9224	0.397629	1.28314	1.28314	0.000133694	0.148738	-6.72323
cg05777594	SLC24A6	0.00332433	0.534237	0.91728	-1.09018	0.398105	0.8881	-1.126	0.00823629	0.629042	-1.58972	6.00E-05	0.36155	-2.76587	0.276551	0.856211	-1.16794
cg11072298	SLC24A6	0.00655213	0.34036	1.13358	1.13358	0.168419	0.829211	-1.20597	0.0842456	0.783693	-1.27601	0.127304	0.810251	-1.23418	0.00117069	0.544476	-1.83663
cg10749618	SLC24A6	0.0113228	0.0994205	0.739773	-1.35177	0.00512644	0.539505	-1.85355	0.0168673	0.614739	-1.62671	0.0650064	0.707656	-1.41312	0.61653	1.08792	1.08792
cg12951726	SLC24A6	0.0116698	0.00188307	0.333727	-2.99646	0.0279965	0.523872	-1.90886	0.400146	1.23923	1.23923	0.0469218	0.567537	-1.762	0.0373167	0.547776	-1.82556
cg27510671	SLC24A6	0.0160361	0.61866	0.868544	-1.15135	0.474514	0.815241	-1.22663	0.147829	0.646556	-1.54666	0.62884	1.1466	1.1466	0.000660259	0.231069	-4.32771
cg12119780	SLC24A6	0.0166859	0.855954	1.09546	1.09546	0.108529	0.415469	-2.40692	0.179632	2.04442	2.04442	0.169398	2.08444	2.08444	0.000582832	14.4145	14.4145
cg20113500	SLC24A6	0.0167985	0.524218	0.93092	-1.07421	0.316382	1.12175	1.12175	0.172187	1.17489	1.17489	0.034859	1.31358	1.31358	0.00347073	0.644032	-1.55272
cg03870172	SLC24A6	0.0232667	0.164465	1.2635	1.2635	0.0269054	1.51175	1.51175	0.0215724	1.54518	1.54518	0.938432	0.987893	-1.01226	0.0115096	0.607506	-1.64607
cg22510037	SLC24A6	0.0366166	0.0696154	0.564598	-1.77117	0.215564	0.69269	-1.44365	0.0347393	0.4999	-2.0004	0.0615716	0.552571	-1.80972	0.137859	0.63757	-1.56845
cg17274357	SLC25A1	0.00256037	0.262047	1.21795	1.21795	0.350938	1.17569	1.17569	0.862806	1.02959	1.02959	0.546793	1.10828	1.10828	0.0193782	0.620845	-1.61071
cg17887427	SLC25A1	0.0159621	0.594683	0.896435	-1.11553	0.000807953	2.79814	2.79814	0.0680719	1.51586	1.51586	0.0124495	1.88353	1.88353	0.54144	0.881748	-1.13411
cg02655711	SLC25A1	0.0242801	0.0119234	0.519746	-1.92402	0.518761	0.872471	-1.14617	0.117312	1.42587	1.42587	0.489007	0.863649	-1.15788	0.877685	0.96839	-1.03264
cg23654327	SLC25A1	0.0369886	0.210886	0.775215	-1.28996	0.16552	0.751507	-1.33066	0.0250205	1.67363	1.67363	0.482853	0.871318	-1.14769	0.00986761	0.532687	-1.87728
cg12167239	SLC25A1	0.0437001	0.67743	0.924706	-1.08142	0.0358812	1.57904	1.57904	0.458321	1.15179	1.15179	0.170712	1.31388	1.31388	0.232733	0.791232	-1.26385
cg26795923	SLC25A1	0.0466763	0.226283	0.613373	-1.63033	0.995706	0.997932	-1.00207	0.4225	0.729649	-1.37052	0.00542492	0.244709	-4.08648	0.400731	0.718273	-1.39223
cg03917521	SLC25A1	0.0499785	0.123312	1.40485	1.40485	0.041874	1.61214	1.61214	0.0244865	1.72585	1.72585	0.137201	1.38541	1.38541	0.119304	0.708767	-1.4109
cg02067430	SLC25A10	3.17E-06	0.000211471	0.68521	-1.45941	0.197243	0.920161	-1.08677	0.800998	1.01554	1.01554	0.39565	1.05454	1.05454	0.00153485	0.757096	-1.32084
cg25499573	SLC25A10	0.00284024	0.798397	0.941743	-1.06186	0.00354766	2.52625	2.52625	0.240273	1.3342	1.3342	0.941585	0.982961	-1.01733	0.000985107	0.317078	-3.1538
cg08120644	SLC25A10	0.00366904	0.0350391	0.488055	-2.04895	0.664076	1.13613	1.13613	0.000743298	0.224112	-4.46206	0.730211	1.1064	1.1064	0.0182022	0.432849	-2.31027
cg16087482	SLC25A10	0.0214478	0.0430836	0.314541	-3.17923	0.0186835	0.242559	-4.1227	0.500977	1.40416	1.40416	0.717418	0.834758	-1.19795	0.000969638	0.087149	-11.4746
cg00179532	SLC25A10	0.0228242	0.172695	0.794538	-1.25859	0.00616144	1.76169	1.76169	0.00233641	1.96092	1.96092	0.710579	0.942638	-1.06085	0.368617	1.1576	1.1576
cg14852540	SLC25A10	0.0278543	0.362504	0.870877	-1.14827	0.332082	0.862592	-1.1593	0.0130827	0.634656	-1.57566	0.718009	1.05503	1.05503	0.0448509	1.40513	1.40513
cg10460003	SLC25A10	0.0329832	0.533945	0.821094	-1.21789	0.880084	0.95386	-1.04837	0.0114323	0.371432	-2.69228	0.558677	0.831057	-1.20329	0.360164	0.744997	-1.34229
cg17913115	SLC25A10	0.0495781	0.32422	1.49249	1.49249	0.252835	0.625145	-1.59963	0.16885	1.78001	1.78001	0.037511	2.58397	2.58397	0.679562	0.849276	-1.17747
cg04958703	SLC25A11;RNF167;SLC25A11;SLC25A11	0.000161345	4.43E-05	0.0726866	-13.7577	0.00513117	0.285844	-3.49841	0.228722	0.651873	-1.53404	0.0402719	0.448151	-2.23139	5.83E-05	0.0802164	-12.4663
cg01035812	SLC25A11;SLC25A11;SLC25A11;RNF167	0.0023245	0.950518	1.0157	1.0157	0.00884895	0.419134	-2.38587	0.000106442	0.150954	-6.62455	0.463721	0.828881	-1.20645	?	?	?
cg03469608	SLC25A11;SLC25A11;SLC25A11;RNF167	0.00295771	0.0340773	0.345148	-2.89731	0.125858	2.0388	2.0388	0.122743	2.0529	2.0529	0.111084	0.473985	-2.10977	0.0194252	0.296598	-3.37157
ch.2.3493243F	SLC25A12	5.41E-05	8.98E-06	0.498792	-2.00484	0.8739	0.988581	-1.01155	6.98E-06	0.486995	-2.05341	0.00012517	0.616784	-1.62131	0.0107711	0.793212	-1.2607
cg03539474	SLC25A12	0.00590728	0.988012	1.00153	1.00153	0.00407598	1.48161	1.48161	0.00949904	1.39804	1.39804	0.0159777	1.35096	1.35096	0.522343	1.06836	1.06836
cg22166516	SLC25A12	0.00632315	0.0105946	0.443864	-2.25294	0.00503971	0.391708	-2.55292	0.00108167	0.295457	-3.38459	0.0431191	0.555447	-1.80035	0.00229577	0.340663	-2.93545
cg23098068	SLC25A12	0.00985033	0.264098	0.720146	-1.38861	0.985043	1.0053	1.0053	0.0616648	0.552325	-1.81053	0.546649	0.841941	-1.18773	0.000686777	0.231739	-4.31521
cg27230724	SLC25A12	0.0106182	0.272177	0.882588	-1.13303	0.0913711	1.22527	1.22527	0.00145096	1.65327	1.65327	0.832111	0.977069	-1.02347	0.681769	0.955947	-1.04608
cg02057469	SLC25A13;SLC25A13;SLC25A13	0.00135719	0.110059	0.747821	-1.33722	0.0779622	1.3865	1.3865	0.117072	1.32849	1.32849	0.228618	1.23468	1.23468	0.0233871	1.57136	1.57136
cg20782117	SLC25A13;SLC25A13;SLC25A13	0.0149264	0.00734313	0.174088	-5.74422	0.0122669	0.206364	-4.84581	0.0228404	0.252118	-3.96639	0.00566367	0.1594	-6.27351	0.017525	0.231643	-4.31698
cg12030923	SLC25A13;SLC25A13;SLC25A13	0.0150415	0.373122	0.794267	-1.25902	0.1157	0.650007	-1.53845	0.0354163	0.539539	-1.85343	0.179301	0.698124	-1.43241	0.871486	0.960035	-1.04163
cg14158594	SLC25A13;SLC25A13;SLC25A13	0.0208833	0.562258	0.924469	-1.0817	0.000768013	1.97957	1.97957	0.307884	1.15197	1.15197	0.429593	1.11414	1.11414	0.174233	1.21378	1.21378
cg24620463	SLC25A13;SLC25A13;SLC25A13	0.0230166	0.100505	0.876193	-1.1413	0.118908	0.883084	-1.1324	0.0265794	0.824407	-1.21299	0.295597	0.923415	-1.08294	0.00409851	0.753579	-1.327
cg14216201	SLC25A13;SLC25A13;SLC25A13	0.0383641	0.0145928	0.146549	-6.82366	0.00576494	0.0992692	-10.0736	0.0341553	0.20634	-4.84636	0.0885589	0.301328	-3.31865	0.0282696	0.191366	-5.2256
cg17185029	SLC25A13;SLC25A13;SLC25A13	0.048073	0.541588	1.17523	1.17523	0.0324003	1.92418	1.92418	0.0048903	2.6501	2.6501	0.889065	1.03714	1.03714	0.552396	1.17007	1.17007
cg10393931	SLC25A13;SLC25A13;SLC25A13;SLC25A13;SLC25A13;SLC25A13	0.000994171	0.573919	1.06909	1.06909	0.180466	1.18203	1.18203	0.0100451	1.46532	1.46532	0.834553	1.0249	1.0249	0.645589	0.947003	-1.05596
cg06815914	SLC25A14;SLC25A14	0.00132127	0.506804	1.19309	1.19309	0.0900155	1.632	1.632	0.0368996	0.529749	-1.88769	0.805963	0.937525	-1.06664	1.83E-05	0.101244	-9.87716
cg01725669	SLC25A14;SLC25A14	0.00203597	0.17129	0.591068	-1.69185	0.00317174	0.233395	-4.28458	0.0397368	0.423857	-2.35929	0.257687	0.652856	-1.53173	9.36E-05	0.0808894	-12.3626
cg24266622	SLC25A14;SLC25A14	0.00928505	0.119643	2.21041	2.21041	0.0100327	0.21727	-4.60257	0.0153446	0.247152	-4.04609	0.966641	1.01984	1.01984	0.000720084	0.0891644	-11.2152
cg16989646	SLC25A15	0.00181936	0.0266454	1.51371	1.51371	0.777775	1.04566	1.04566	0.000110917	2.92436	2.92436	0.0126018	1.63159	1.63159	0.62224	0.924622	-1.08152
cg23211791	SLC25A15	0.00249868	0.0542538	1.55691	1.55691	0.157231	1.35875	1.35875	4.62E-05	4.75446	4.75446	0.164549	1.35059	1.35059	0.532449	1.13672	1.13672
cg18335740	SLC25A15	0.00294196	0.0770671	0.685022	-1.45981	0.000158051	3.46759	3.46759	0.0423138	0.637592	-1.5684	0.732405	1.06828	1.06828	0.0664111	0.672897	-1.48611
cg00151919	SLC25A15	0.00344497	0.000255934	0.298379	-3.35144	0.00733082	0.499424	-2.00231	0.017039	0.557518	-1.79366	0.564409	0.889569	-1.12414	0.00715413	0.497797	-2.00885
cg10328297	SLC25A15	0.0052633	0.0140081	0.525495	-1.90297	0.14223	0.715647	-1.39734	0.067996	0.648266	-1.54258	0.314121	1.24703	1.24703	0.000209789	0.268512	-3.72423
cg02221310	SLC25A15;SLC25A15	0.0398898	0.290797	0.640141	-1.56216	0.996806	1.00161	1.00161	0.0907796	2.17119	2.17119	0.034379	2.85707	2.85707	0.839828	0.921929	-1.08468
cg25565000	SLC25A16	0.000194345	2.52E-05	0.348339	-2.87077	0.483176	1.09402	1.09402	0.277312	0.867214	-1.15312	0.204715	1.18382	1.18382	0.119843	0.808322	-1.23713
cg08620470	SLC25A16	0.00661007	0.93697	0.98613	-1.01407	0.0573205	1.46189	1.46189	0.015115	0.590246	-1.69421	0.649602	0.922402	-1.08413	0.00022297	0.337826	-2.96011
cg26546862	SLC25A16	0.0331043	0.328407	0.791753	-1.26302	0.831157	1.05067	1.05067	0.180332	1.39002	1.39002	0.112858	1.49104	1.49104	0.0995957	0.658498	-1.51861
cg07526816	SLC25A16	0.0459932	0.0469785	0.326164	-3.06595	0.647265	0.79692	-1.25483	0.209467	0.521114	-1.91897	0.721729	1.19269	1.19269	0.00422139	0.151436	-6.60346
cg00203461	SLC25A16;SLC25A16	0.00483998	0.193669	0.903925	-1.10629	0.0094722	1.2731	1.2731	0.00620023	1.29967	1.29967	0.882317	1.01094	1.01094	0.0309791	0.830263	-1.20444
cg13836920	SLC25A17	0.000358345	0.81873	1.05402	1.05402	0.31315	1.2701	1.2701	0.0769224	1.56958	1.56958	0.707011	1.09039	1.09039	0.197753	1.36617	1.36617
cg25945449	SLC25A17	0.000470692	0.189483	0.851803	-1.17398	0.0430387	1.30824	1.30824	0.0139043	1.42006	1.42006	0.470605	1.0884	1.0884	0.00134774	0.584257	-1.71157
cg15275890	SLC25A17	0.00149297	0.000534547	0.169552	-5.8979	0.720212	0.88831	-1.12573	0.0232415	0.409319	-2.44308	0.0546737	0.487867	-2.04974	0.000487772	0.165356	-6.04756
cg02058194	SLC25A17	0.0027606	0.0257971	1.7594	1.7594	0.0730824	1.53209	1.53209	0.0230996	1.78563	1.78563	0.000177093	0.257574	-3.88238	0.622547	0.899523	-1.1117
cg10954454	SLC25A17	0.00740129	0.0824917	0.849606	-1.17702	0.359565	0.923277	-1.0831	0.997606	0.999746	-1.00025	0.0216414	0.791615	-1.26324	0.00041082	0.621649	-1.60862
cg23558213	SLC25A17	0.0109756	0.0226294	0.23449	-4.26457	0.10445	2.56789	2.56789	0.463527	1.48657	1.48657	0.816303	0.883691	-1.13162	0.000411634	0.0507954	-19.6868
cg25201783	SLC25A17	0.0150884	0.00352416	1.68681	1.68681	0.296072	1.15394	1.15394	0.00951877	1.54347	1.54347	0.0549178	1.33331	1.33331	0.0699485	0.765079	-1.30705
cg26548134	SLC25A17	0.0182997	0.0614394	0.702541	-1.4234	0.0705622	0.712761	-1.403	0.621339	1.08701	1.08701	0.358827	0.85377	-1.17128	0.383188	0.860851	-1.16164
cg26356892	SLC25A17	0.0229208	0.255103	1.51801	1.51801	0.0124036	2.98426	2.98426	0.00136871	5.11295	5.11295	0.985685	1.00632	1.00632	0.543637	0.805777	-1.24104
cg08157194	SLC25A17	0.0425492	0.294755	0.686243	-1.45721	0.593031	1.20554	1.20554	0.919119	0.965418	-1.03582	0.761756	0.899999	-1.11111	0.000978393	0.182868	-5.46842
cg16167174	SLC25A17	0.0442511	0.0875633	0.725033	-1.37925	0.376737	0.856716	-1.16725	0.979551	0.99564	-1.00438	0.0196999	0.618616	-1.61651	0.478402	0.884374	-1.13074
cg13118536	SLC25A17	0.0490836	0.94456	0.985942	-1.01426	0.068754	1.51391	1.51391	0.0780198	1.4898	1.4898	0.627623	1.10463	1.10463	0.44638	1.17118	1.17118
cg16134515	SLC25A18	0.00188901	0.256473	0.740059	-1.35124	0.00410704	0.375899	-2.66029	0.021643	0.496179	-2.0154	0.000317323	0.227145	-4.40247	0.000381886	0.236566	-4.22716
cg18003231	SLC25A18	0.0071999	0.997878	1.00095	1.00095	0.0749222	2.02836	2.02836	0.389801	1.36919	1.36919	0.011001	3.11877	3.11877	0.802677	0.914594	-1.09338
cg04167842	SLC25A18	0.0111399	0.435383	1.17629	1.17629	0.0583261	1.54727	1.54727	0.31847	1.23413	1.23413	0.0034938	2.24443	2.24443	0.808019	0.951546	-1.05092
cg02242734	SLC25A18	0.0112425	0.477304	0.888493	-1.1255	0.00053459	2.41522	2.41522	0.0247305	1.5488	1.5488	0.773605	1.04833	1.04833	0.223876	1.23255	1.23255
cg14372753	SLC25A18	0.0124897	0.854552	0.92549	-1.08051	0.000781334	8.53279	8.53279	0.0773749	2.2898	2.2898	0.269084	0.615282	-1.62527	0.501881	1.33322	1.33322
cg03404815	SLC25A18	0.0132295	0.514037	0.876238	-1.14124	0.186847	0.756282	-1.32226	0.775992	0.944636	-1.05861	0.965008	0.99128	-1.0088	0.000460843	0.33267	-3.00598
cg02555579	SLC25A18	0.0316749	0.492701	0.75462	-1.32517	0.00092516	0.135459	-7.38229	0.0492716	0.403791	-2.47653	0.672079	1.18774	1.18774	0.268304	0.627553	-1.59349
cg27612019	SLC25A18	0.0318178	0.207753	0.630247	-1.58668	0.106433	1.84538	1.84538	0.168468	1.6653	1.6653	0.0354282	2.34236	2.34236	0.0562907	0.471805	-2.11952
cg00901704	SLC25A19;SLC25A19;SLC25A19	0.000321895	0.329655	0.932566	-1.07231	0.00356341	1.31526	1.31526	0.00549735	1.28829	1.28829	0.00011162	0.624089	-1.60234	0.015011	1.23058	1.23058
cg03573123	SLC25A19;SLC25A19;SLC25A19	0.00105249	0.000899728	1.97664	1.97664	0.536753	1.08956	1.08956	0.888893	0.981014	-1.01935	0.000201138	0.425067	-2.35257	0.246191	1.18094	1.18094
cg00876571	SLC25A19;SLC25A19;SLC25A19	0.00518143	0.081527	0.801189	-1.24814	0.0145875	1.41249	1.41249	0.0189912	1.38551	1.38551	0.00621719	0.663966	-1.5061	0.11537	1.21717	1.21717
cg25326998	SLC25A19;SLC25A19;SLC25A19	0.0172377	0.0764416	0.148696	-6.72513	0.395462	2.31992	2.31992	0.0870901	0.160909	-6.21469	0.0673889	7.25629	7.25629	0.0175913	0.0612211	-16.3342
cg14195103	SLC25A19;SLC25A19;SLC25A19	0.018195	0.0101153	0.262657	-3.80725	0.138241	0.518089	-1.93017	0.441933	0.723931	-1.38135	0.369025	0.683766	-1.46249	0.00164676	0.156201	-6.402
cg22179177	SLC25A19;SLC25A19;SLC25A19	0.0294348	0.266671	0.810171	-1.23431	0.0102016	0.554773	-1.80254	0.194566	0.779104	-1.28353	0.0432535	1.52642	1.52642	0.785379	0.951561	-1.0509
cg22033316	SLC25A19;SLC25A19;SLC25A19	0.0408108	0.971707	0.993836	-1.0062	0.00363929	1.98551	1.98551	0.244917	1.23623	1.23623	0.424672	1.15274	1.15274	0.0152061	0.594632	-1.68171
cg05302542	SLC25A19;SLC25A19;SLC25A19	0.0421697	?	?	?	0.422787	2.57534	2.57534	0.0821312	0.108036	-9.25613	0.120907	6.98115	6.98115	?	?	?
cg17944940	SLC25A19;SLC25A19;SLC25A19;SLC25A19;SLC25A19;SLC25A19	1.14E-05	0.615254	0.900742	-1.1102	0.632635	0.905428	-1.10445	0.337729	1.22614	1.22614	0.0431934	1.61576	1.61576	0.537076	0.879035	-1.13761
cg26518745	SLC25A2	3.95E-07	0.653409	0.900479	-1.11052	0.00398961	0.407568	-2.45358	0.0302208	0.553776	-1.80578	0.525897	0.861515	-1.16075	2.59E-09	0.00170799	-585.483
cg02553537	SLC25A2	1.42E-06	0.0699339	1.33537	1.33537	0.218545	0.831356	-1.20285	0.00058156	0.468036	-2.13659	0.908278	0.983686	-1.01658	2.93E-08	0.0558584	-17.9024
cg07039560	SLC25A2	0.000444538	0.000648329	6.35616	6.35616	0.000295361	8.03708	8.03708	0.120712	1.81304	1.81304	0.00254205	4.39629	4.39629	0.136305	1.76383	1.76383

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08288703	0.393638	0.796626	-1.25529	0.14271	0.663678	-1.50675	0.13914	0.66086	-1.51318	0.415586	1.24175	1.24175	3.77176	4.04469	0.953211	1
cg02165693	1.43E-08	0.067611	-14.7905	9.81E-08	0.121353	-8.24043	8.73E-09	0.0567918	-17.6082	4.72E-08	0.0987152	-10.1302	220.67	51.767	0.208525	1
cg07751764	0.0270747	0.515581	-1.93956	5.04E-06	0.0720646	-13.8764	0.370375	1.2622	1.2622	0.00028195	0.222562	-4.49313	29.252	29.6885	0.902152	1
cg01135800	0.0129626	0.139725	-7.15694	0.00521019	0.095114	-10.5137	0.00338585	0.0786412	-12.716	0.0284331	0.191949	-5.20971	6.49076	41.8673	5.73359	1
cg22995232	0.0391363	0.178014	-5.61752	0.00165975	0.0386392	-25.8805	0.147906	0.325527	-3.07194	0.0175478	0.123742	-8.08132	5.78991	47.9303	7.35843	1
cg05133251	0.195821	1.32528	1.32528	0.348717	1.21971	1.21971	0.913371	1.02266	1.02266	0.018007	0.553419	-1.80695	3.59078	2.41033	0.59667	1
cg23683201	0.576959	1.42378	1.42378	0.00132451	0.0535158	-18.6861	0.568702	1.43499	1.43499	0.116858	0.343671	-2.90976	3.44586	21.4512	5.5335	1
cg17124408	0.131034	0.367329	-2.72236	0.0026035	0.0771434	-12.9629	0.0515156	0.256276	-3.90204	0.095959	0.325282	-3.07426	6.39734	38.2282	5.31168	1
cg21517683	0.00215185	0.448068	-2.2318	0.00123064	0.414565	-2.41217	0.00122115	0.414108	-2.41483	0.00927382	0.540573	-1.84989	17.0557	9.37706	0.488704	1
cg18446110	0.00227641	0.30383	-3.29132	0.000184719	0.171501	-5.83087	0.0564338	0.547233	-1.82737	0.0051214	0.356195	-2.80745	11.902	14.6863	1.09683	1
cg21554588	0.04526	0.655488	-1.52558	0.4131	0.857384	-1.16634	0.010137	0.550789	-1.81558	0.033789	0.633947	-1.57742	11.1369	5.96444	0.476049	1
cg18115658	0.0414482	0.67974	-1.47115	0.0250953	0.6457	-1.54871	0.567974	0.909598	-1.09939	0.00946501	0.582865	-1.71566	10.0722	4.2992	0.379411	1
cg11007296	0.0028176	0.606451	-1.64894	0.00060886	1.90037	1.90037	0.148927	0.828492	-1.20701	0.447638	1.09864	1.09864	8.72476	2.04158	0.207998	1
cg26392924	0.0331749	0.529662	-1.888	0.00350524	0.363948	-2.74764	0.0181458	0.480839	-2.0797	0.0440049	0.553951	-1.80521	8.12302	8.38011	0.917023	1
cg00976381	0.744998	0.969532	-1.03143	0.000102983	1.91851	1.91851	0.601055	1.05129	1.05129	0.0214683	1.29943	1.29943	7.60509	1.08271	0.126548	1
cg12205435	0.681433	0.935347	-1.06912	0.119096	0.760404	-1.31509	0.692556	1.06647	1.06647	0.196989	0.801823	-1.24716	7.03623	2.92198	0.369134	1
cg02347002	0.032334	0.414165	-2.4145	0.0116104	0.329633	-3.03368	0.15219	0.58303	-1.71518	0.0971876	0.527138	-1.89704	6.46476	12.6678	1.7418	1
cg21631086	0.111057	0.70924	-1.40996	0.0410327	1.59461	1.59461	0.411587	0.846911	-1.18076	0.273808	0.798219	-1.25279	4.40631	2.73333	0.551397	1
cg01742263	0.112914	2.29845	2.29845	0.00390852	6.51095	6.51095	0.254385	1.77541	1.77541	0.111325	2.30845	2.30845	3.49115	12.8632	3.27514	1
cg11459648	0.0914062	0.372629	-2.68364	0.00612503	6.683	6.683	0.0506068	3.26395	3.26395	0.829293	1.1215	1.1215	3.45095	15.4132	3.97009	1
cg25554205	0.727509	1.05705	1.05705	0.264665	0.831599	-1.2025	0.0656124	0.720553	-1.38782	0.700605	0.940557	-1.0632	5.05335	2.01366	0.354204	1
cg08435683	0.80626	0.932008	-1.07295	0.00139687	3.76843	3.76843	0.403854	0.782879	-1.27734	0.238663	0.702119	-1.42426	4.62102	6.00988	1.15605	1
cg26800832	0.168707	1.4892	1.4892	0.787075	0.929119	-1.07629	0.408504	1.25805	1.25805	0.649896	1.13211	1.13211	3.51906	4.10965	1.03807	1
cg15079315	0.930397	0.953485	-1.04878	0.0269535	0.230566	-4.33715	0.00171405	0.075146	-13.3074	0.652658	0.780938	-1.28051	3.80192	17.5221	3.58458	1
cg27557790	0.872592	0.971217	-1.02964	0.000183449	0.31643	-3.16026	0.354411	1.18931	1.18931	0.0191791	0.597086	-1.6748	21.0532	11.0418	0.466196	1
cg04980991	0.237955	0.569682	-1.75537	0.00354695	0.165489	-6.0427	0.169503	0.513685	-1.94672	0.0345588	0.325682	-3.07048	4.47305	14.6779	2.91681	1
cg15797218	0.0046684	0.271553	-3.68252	0.021335	0.383364	-2.60849	0.0726897	0.49961	-2.00156	0.0899328	0.523215	-1.91126	4.05649	7.71598	1.69078	1
cg14601251	0.0644548	0.600147	-1.66626	4.02E-05	0.145426	-6.87633	0.901526	0.970032	-1.03089	0.118011	0.658888	-1.51771	12.3079	11.7767	0.850526	1
cg19607229	0.00242776	0.414732	-2.4112	0.0241486	1.75165	1.75165	0.0963677	1.46322	1.46322	0.138674	0.717245	-1.39422	5.19458	3.57623	0.611959	1
cg00431427	0.0780454	0.41932	-2.38481	0.0019689	0.143488	-6.9692	0.355364	0.655718	-1.52504	0.0418005	0.352927	-2.83345	5.17043	16.1351	2.77391	1
cg26849077	0.256799	0.675319	-1.48078	0.00250723	0.248463	-4.02475	0.479055	1.26957	1.26957	0.0206108	0.39659	-2.5215	8.20332	14.2933	1.54878	1
cg14439761	0.703269	0.947214	-1.05573	0.00341547	0.569073	-1.75724	0.0268786	1.44986	1.44986	0.364018	1.14132	1.14132	4.46568	1.42011	0.282672	1
cg14414100	0.263867	0.584029	-1.71225	0.00515777	0.181681	-5.50417	0.532886	1.33865	1.33865	0.512367	0.735778	-1.35911	3.50622	11.8408	3.00184	1
cg01352551	0.00114966	0.398873	-2.50706	0.00111395	0.397011	-2.51882	1.15E-05	0.167094	-5.98467	0.0018614	0.427723	-2.33796	25.854	15.1507	0.520897	1
cg16172619	0.0156659	0.468308	-2.13535	0.000846557	0.276712	-3.61386	0.093421	1.60404	1.60404	0.23423	0.726639	-1.3762	5.43106	5.64068	0.923197	1
cg22944803	0.231241	1.50436	1.50436	0.0211338	0.405906	-2.46362	0.217058	0.655497	-1.52556	0.0279934	0.429886	-2.3262	3.4161	5.72172	1.48883	1
cg24195486	0.375205	0.823948	-1.21367	0.0144183	0.526441	-1.89955	0.208022	0.753939	-1.32637	0.936133	1.0172	1.0172	5.25453	3.76747	0.637329	1
cg05200313	0.866808	0.977009	-1.02353	0.0641929	1.33402	1.33402	0.599546	0.929215	-1.07618	7.88E-05	0.371876	-2.68907	13.2913	4.04193	0.270315	1
cg01499816	0.020233	0.65602	-1.52434	0.00140182	2.00694	2.00694	0.0391901	0.698177	-1.4323	0.0571907	0.723294	-1.38256	8.59753	3.08651	0.31911	1
cg01649853	0.152707	0.625337	-1.59914	0.00102211	0.224815	-4.44809	0.0265389	0.446659	-2.23885	0.303043	0.721084	-1.3868	7.2694	10.8167	1.32264	1
cg19811934	0.0428483	0.485146	-2.06123	0.00109487	0.224381	-4.45671	0.0418532	0.482954	-2.07059	0.172482	0.637259	-1.56922	6.06169	9.24442	1.3556	1
cg16993582	0.306648	0.761314	-1.31352	0.0314533	1.91589	1.91589	0.0743084	1.66931	1.66931	0.837664	0.948511	-1.05428	5.21945	5.48856	0.934721	1
cg22138430	0.495847	0.801432	-1.24777	0.65534	1.15467	1.15467	0.310606	1.3991	1.3991	0.843655	0.938749	-1.06525	3.47155	5.63383	1.44254	1
cg19409156	0.912659	0.984483	-1.01576	0.00332412	1.76785	1.76785	0.0672478	0.746538	-1.33952	0.44957	0.895994	-1.11608	11.0528	3.55613	0.285991	1
cg09625274	0.233354	0.836802	-1.19503	0.021118	1.48497	1.48497	0.707689	0.947708	-1.05518	0.242752	0.840039	-1.19042	6.04867	1.94767	0.286222	1
cg18242760	0.995535	0.998102	-1.0019	0.0236742	0.399742	-2.50162	0.868913	1.05767	1.05767	0.0247861	0.403672	-2.47726	4.61022	8.41428	1.62234	1
cg18585464	0.0833126	0.535247	-1.8683	0.93924	0.975452	-1.02517	0.10197	0.557888	-1.79247	0.05897	0.498936	-2.00426	4.45589	7.50129	1.4964	1
cg08411738	0.136799	0.834126	-1.19886	0.498013	0.925106	-1.08096	0.718361	0.959845	-1.04183	0.374919	0.902077	-1.10855	4.3279	0.877731	0.180274	1
cg00302340	0.0460397	0.557407	-1.79402	0.000108151	0.17473	-5.72311	0.000567903	0.255408	-3.9153	0.0274017	0.513216	-1.9485	13.4257	13.8954	0.919991	1
cg22283297	0.0194971	0.443631	-2.25412	0.0133849	0.414039	-2.41523	0.649426	1.1408	1.1408	0.616923	1.15624	1.15624	11.3446	14.8884	1.16656	1
cg05777594	0.00858873	0.631431	-1.5837	0.875209	0.978674	-1.02179	0.396648	0.887758	-1.12643	0.954473	0.9922	-1.00786	8.30058	2.47333	0.264862	1
cg11072298	0.924025	0.987902	-1.01225	0.000403988	0.487901	-2.0496	0.110368	0.8009	-1.2486	0.531042	0.922222	-1.08434	6.75261	1.74135	0.229225	1
cg10749618	0.0647676	0.707385	-1.41366	0.000646117	0.417496	-2.39523	0.398912	0.865771	-1.15504	0.156889	0.776712	-1.28748	5.67928	2.50535	0.392123	1
cg12951726	0.374146	0.79677	-1.25507	0.00371169	0.376702	-2.65462	0.0137717	0.468451	-2.1347	0.270187	0.751315	-1.331	5.62412	5.52451	0.873145	1
cg27510671	0.743225	1.09672	1.09672	0.00485552	0.350312	-2.8546	0.955456	0.984434	-1.01581	0.128056	0.629977	-1.58736	5.0672	6.33074	1.11054	1
cg12119780	0.239944	0.539359	-1.85405	0.237538	0.537491	-1.8605	0.675975	0.809851	-1.2348	0.911143	0.945528	-1.05761	5.00055	19.9379	3.54413	1
cg20113500	0.770534	0.968082	-1.03297	0.0116723	0.705005	-1.41843	0.748067	1.03639	1.03639	0.0829295	0.808197	-1.23732	4.98933	0.972055	0.173179	1
cg03870172	0.547978	0.908588	-1.10061	0.24906	0.826982	-1.20922	0.0419005	0.690915	-1.44736	0.900165	0.980404	-1.01999	4.46706	1.7591	0.350039	1
cg22510037	0.317572	0.747497	-1.3378	0.00504994	0.351876	-2.84191	0.00898816	0.392272	-2.54925	0.0270115	0.478268	-2.09088	3.80427	4.78102	1.11711	1
cg17274357	0.000146016	0.332221	-3.01005	0.0023165	0.48801	-2.04914	0.223236	1.2408	1.2408	0.975946	1.0051	1.0051	8.9688	4.03756	0.400158	1
cg17887427	0.912933	0.977979	-1.02252	0.156855	1.36107	1.36107	0.0412186	1.61518	1.61518	0.194708	1.32217	1.32217	5.07499	3.33145	0.583506	1
cg02655711	0.00213295	0.40658	-2.45954	0.0484453	0.624861	-1.60036	0.453192	1.17277	1.17277	0.72885	0.929993	-1.07528	4.40167	3.03219	0.612331	1
cg23654327	0.209522	0.774561	-1.29105	0.996259	0.999095	-1.00091	0.101194	0.707041	-1.41434	0.0248128	0.5969	-1.67532	3.79029	2.23942	0.525182	1
cg12167239	0.262681	0.803699	-1.24425	0.77539	1.05499	1.05499	0.00269437	2.1726	2.1726	0.330643	1.20664	1.20664	3.56435	1.97674	0.492967	1
cg26795923	0.0522873	0.427773	-2.33769	0.0559348	2.30032	2.30032	0.0468531	0.416706	-2.39977	0.620596	0.825337	-1.21163	3.47745	8.15113	2.08355	1
cg03917521	0.947955	1.01338	1.01338	0.0989765	0.691881	-1.44534	0.439443	0.851658	-1.17418	0.248488	0.782192	-1.27846	3.38869	2.22551	0.583774	1
cg02067430	0.0682982	0.882852	-1.13269	2.67E-08	0.28683	-3.48639	0.0206352	0.84353	-1.18549	0.17168	0.915009	-1.09289	54.5834	3.2211	0.0524555	1
cg25499573	0.081881	0.636276	-1.57165	0.00154555	0.343757	-2.90903	0.851706	0.957062	-1.04486	0.0507933	0.593421	-1.68514	8.69815	7.57602	0.774215	1
cg08120644	0.00164847	0.268246	-3.72792	0.00228799	0.287806	-3.47456	0.684438	1.12675	1.12675	0.0634258	0.543549	-1.83976	8.0591	10.8883	1.20094	1
cg16087482	0.487661	0.704403	-1.41964	0.738159	0.846433	-1.18143	0.24141	0.543686	-1.8393	0.0314736	0.28544	-3.50336	4.59377	17.9671	3.4766	1
cg00179532	0.239741	0.822753	-1.21543	0.610985	0.921916	-1.0847	0.600633	1.08732	1.08732	0.944304	0.988988	-1.01113	4.49673	1.78881	0.353602	1
cg14852540	0.0121318	1.58703	1.58703	0.236597	1.20104	1.20104	0.325366	0.860696	-1.16185	0.121354	0.780281	-1.28159	4.19548	1.44993	0.307194	1
cg10460003	0.0468224	0.490595	-2.03834	0.00291659	0.278091	-3.59595	0.0471024	0.491164	-2.03598	0.0267259	0.439812	-2.2737	3.95078	6.12662	1.37843	1
cg17913115	0.0357619	0.382507	-2.61433	0.0650829	0.442787	-2.25842	0.248242	0.622035	-1.60763	0.0876457	2.09917	2.09917	3.39906	8.3283	2.17794	1
cg04958703	0.00104249	0.193168	-5.17684	6.57E-05	0.0836521	-11.9543	0.00584796	0.294562	-3.39487	0.000707536	0.174121	-5.74314	19.4702	35.3834	1.61538	1
cg01035812	0.462016	0.828263	-1.20735	?	?	?	?	?	?	0.94108	0.981619	-1.01873	11.8245	7.69797	0.759524	1
cg03469608	?	?	?	0.222171	1.73641	1.73641	0.00023433	0.072532	-13.787	0.296734	1.59251	1.59251	8.78605	22.8811	2.60425	1
ch.2.3493243F	0.240254	0.914928	-1.09298	0.00262636	0.73996	-1.35143	0.978844	0.998084	-1.00192	0.768876	1.02154	1.02154	26.0703	2.15894	0.0736111	1
cg03539474	0.104501	1.19837	1.19837	0.00306427	0.661328	-1.51211	0.253116	1.12943	1.12943	0.273372	0.89026	-1.12327	6.97259	1.14837	0.146398	1
cg22166516	0.0289212	0.521621	-1.9171	0.766617	0.927551	-1.07811	0.952528	1.01516	1.01516	0.0689356	0.597916	-1.67248	6.82751	6.90386	0.898829	1
cg23098068	0.352987	0.763728	-1.30937	0.817453	1.06738	1.06738	0.0112896	2.44721	2.44721	0.0407437	0.513649	-1.94686	5.93918	7.48199	1.11979	1
cg27230724	0.992032	0.998909	-1.00109	0.00381954	0.652989	-1.53142	0.133271	1.1936	1.1936	0.573112	0.939679	-1.06419	5.79804	1.09649	0.168101	1
cg02057469	0.0937494	0.735286	-1.36001	7.39E-05	0.300672	-3.32589	0.662409	1.07605	1.07605	0.0199129	1.59816	1.59816	10.7852	4.7549	0.391887	1
cg20782117	0.0420895	0.305807	-3.27003	0.00857627	0.183378	-5.45321	0.123468	0.429948	-2.32586	0.0399562	0.300848	-3.32394	5.18913	21.033	3.60292	1
cg12030923	0.01612	0.476296	-2.09953	0.0250298	1.95748	1.95748	0.00663681	2.4292	2.4292	0.955056	1.0143	1.0143	5.17596	5.20254	0.893453	1
cg14158594	0.0579143	1.3329	1.3329	0.0230157	1.4397	1.4397	0.224211	1.18666	1.18666	0.0281767	1.41543	1.41543	4.63584	1.31917	0.252941	1
cg24620463	0.108976	0.879494	-1.13702	0.00859647	0.78177	-1.27915	0.10633	0.878489	-1.13832	0.00514286	0.762259	-1.31189	4.48374	0.383222	0.0759725	1
cg14216201	0.121945	0.342887	-2.91641	0.039468	0.218536	-4.57591	0.665548	0.757546	-1.32005	0.103527	0.320858	-3.11664	3.74006	24.1462	5.73875	1
cg17185029	0.0882135	0.61166	-1.63489	0.944077	1.0185	1.0185	0.165334	1.47208	1.47208	0.0638873	1.72328	1.72328	3.43899	3.71887	0.96123	1
cg10393931	0.59568	0.938969	-1.065	2.52E-05	0.374025	-2.67362	0.0311441	1.3464	1.3464	0.998697	0.999808	-1.00019	11.7861	2.58107	0.194661	1
cg06815914	0.621043	0.877544	-1.13954	0.406646	1.24922	1.24922	0.484382	0.830047	-1.20475	0.503805	0.837084	-1.19462	10.8684	11.8275	0.967327	1
cg01725669	0.108207	0.531191	-1.88256	0.478985	0.771196	-1.29669	0.0274721	0.390078	-2.56359	0.000671153	0.152859	-6.54198	9.59193	19.7973	1.83463	1
cg24266622	0.405518	1.49145	1.49145	0.727126	1.17887	1.17887	0.819018	0.897939	-1.11366	0.175157	0.507991	-1.96854	6.05212	21.1488	3.10617	1
cg16989646	0.0163313	0.629185	-1.58936	0.134479	0.775168	-1.29004	0.302893	0.845001	-1.18343	0.0667734	1.38313	1.38313	9.91097	3.90931	0.350615	1
cg23211791	0.0867566	0.681544	-1.46726	0.408375	0.842498	-1.18695	0.364768	0.827998	-1.20773	0.231318	1.28976	1.28976	9.03345	5.87664	0.57826	1
cg18335740	0.811483	0.955059	-1.04706	0.0249983	0.598566	-1.67066	0.221118	0.780736	-1.28084	0.230899	1.2736	1.2736	8.60791	5.04865	0.521344	1
cg00151919	0.730444	0.932892	-1.07194	0.0117735	0.53159	-1.88115	0.0132025	0.539543	-1.85342	0.00527555	0.477714	-2.0933	8.21264	5.24715	0.567922	1
cg10328297	0.206382	0.753794	-1.32662	0.0234711	0.563293	-1.77527	0.215871	1.31813	1.31813	0.0732349	0.654659	-1.52751	7.22434	5.14554	0.633111	1
cg02221310	0.10295	2.0966	2.0966	0.318329	1.52053	1.52053	0.00300951	6.34437	6.34437	0.0404463	2.72615	2.72615	4.52866	11.0104	1.62085	1
cg25565000	0.931526	1.0109	1.0109	3.21E-05	0.360465	-2.77419	0.212989	1.17985	1.17985	0.0016571	0.56688	-1.76404	18.5146	4.6625	0.223848	1
cg08620470	0.88175	0.974056	-1.02664	0.175588	0.775416	-1.28963	0.936605	1.01415	1.01415	0.0590697	0.686306	-1.45708	6.73417	3.32636	0.439069	1
cg26546862	0.0352644	0.566892	-1.764	0.00865208	2.17012	2.17012	0.179228	0.718737	-1.39133	0.237455	0.750903	-1.33173	3.94558	3.34829	0.754328	1
cg07526816	0.168217	2.06177	2.06177	0.364776	1.58228	1.58228	0.352902	1.6016	1.6016	0.135095	0.452164	-2.21159	3.49678	13.4457	3.41792	1
cg00203461	0.129059	0.886512	-1.12802	0.10876	0.879441	-1.13709	0.581258	0.959913	-1.04176	0.0019612	1.37911	1.37911	7.41176	0.633167	0.0759355	1
cg13836920	0.240658	0.754627	-1.32516	0.00355478	0.404392	-2.47285	6.42E-06	0.0996584	-10.0343	0.712689	0.918726	-1.08846	15.6675	13.0335	0.739451	1
cg25945449	0.701236	1.04549	1.04549	0.119129	1.21554	1.21554	0.444741	0.914014	-1.09407	2.40E-05	0.378352	-2.64304	14.5318	3.06529	0.187499	1
cg15275890	0.00795485	0.326137	-3.0662	0.000387311	0.155086	-6.44805	0.00605859	0.307184	-3.25538	0.025601	0.417582	-2.39474	10.4938	18.0212	1.52651	1
cg02058194	0.309619	1.25157	1.25157	0.0435158	0.609315	-1.64119	0.529775	1.14551	1.14551	0.359967	0.818021	-1.22246	8.77166	6.32787	0.641243	1
cg10954454	0.0817814	0.849216	-1.17756	0.147329	0.876549	-1.14084	0.0356922	0.812898	-1.23017	0.00183434	0.687248	-1.45508	6.50092	0.739359	0.101095	1
cg23558213	0.329176	0.585603	-1.70764	0.124164	0.412845	-2.42222	0.0744874	0.347887	-2.8745	0.546087	0.722811	-1.38349	5.73662	25.6528	3.9749	1
cg25201783	0.0224849	1.43509	1.43509	0.364376	1.13108	1.13108	0.171052	1.21241	1.21241	0.0249426	1.42278	1.42278	5.17064	1.43009	0.245848	1
cg26548134	0.736375	0.944957	-1.05825	0.000990245	2.27049	2.27049	0.47299	0.884885	-1.13009	0.148793	0.771471	-1.29622	4.84811	2.15567	0.395238	1
cg26356892	0.524543	1.25426	1.25426	0.402983	0.740332	-1.35075	0.213279	0.631016	-1.58475	0.538774	0.803622	-1.24437	4.49019	8.77622	1.73736	1
cg08157194	0.203175	0.62785	-1.59274	0.222637	0.641422	-1.55904	0.24481	0.656017	-1.52435	0.0565782	0.473381	-2.11247	3.59993	6.8454	1.69026	1
cg16167174	0.00482389	0.528611	-1.89175	0.0146733	0.599164	-1.66899	0.363678	0.852859	-1.17253	0.565797	1.10403	1.10403	3.54772	1.63331	0.409228	1
cg13118536	0.0883934	0.682002	-1.46627	0.00871993	0.50644	-1.97457	0.230347	1.29199	1.29199	0.302964	1.24262	1.24262	3.41201	2.23956	0.583445	1
cg16134515	0.46334	0.827197	-1.2089	0.00145592	0.310786	-3.21765	0.109425	0.641735	-1.55828	0.0343917	0.534119	-1.87224	9.80343	10.0286	0.909309	1
cg18003231	0.00554521	3.66705	3.66705	0.402545	0.736785	-1.35725	0.000433329	7.27268	7.27268	0.053071	2.18964	2.18964	6.55724	13.2033	1.78982	1
cg04167842	0.029923	1.68398	1.68398	0.00102387	2.69975	2.69975	0.00859811	1.98126	1.98126	0.29175	1.25006	1.25006	5.70921	3.76387	0.586012	1
cg02242734	0.0526962	1.43387	1.43387	0.00515936	1.82998	1.82998	0.412422	1.14697	1.14697	0.245448	1.21991	1.21991	5.69235	2.41373	0.376916	1
cg14372753	0.880998	0.938745	-1.06525	0.0159737	3.47229	3.47229	0.00990016	3.95533	3.95533	0.280041	1.60615	1.60615	5.50152	15.5142	2.50665	1
cg03404815	0.178715	0.751848	-1.33006	0.0200922	1.75049	1.75049	0.344859	0.823458	-1.21439	0.689641	1.08344	1.08344	5.39918	3.40834	0.561129	1
cg02555579	0.135675	0.522142	-1.91519	0.063981	0.431165	-2.3193	0.337262	0.670471	-1.49149	0.63686	1.21187	1.21187	4.00849	10.3667	2.29883	1
cg27612019	0.829394	0.927748	-1.07788	0.198052	1.60446	1.60446	0.00658935	3.40792	3.40792	0.481492	0.779849	-1.2823	4.00205	7.65557	1.70037	1
cg00901704	0.0161088	1.22674	1.22674	0.0232433	0.828404	-1.20714	0.0190617	1.21767	1.21767	0.00184428	1.35918	1.35918	16.1357	1.23081	0.0678034	1
cg03573123	0.10336	0.783258	-1.27672	0.00175569	1.84298	1.84298	0.803888	0.966457	-1.03471	0.852156	0.974741	-1.02591	11.5969	3.45386	0.264734	1
cg00876571	0.0321434	0.749656	-1.33395	0.980413	0.997185	-1.00282	0.859302	1.02058	1.02058	0.00584727	1.51327	1.51327	7.25909	1.51541	0.185565	1
cg25326998	0.0867654	6.22878	6.22878	0.0180825	0.0622649	-16.0604	0.0861885	0.159897	-6.25404	0.11904	5.13439	5.13439	4.94644	73.2519	13.1636	1
cg14195103	0.0370036	0.368631	-2.71274	0.00456644	0.210951	-4.74044	0.485269	0.746633	-1.33935	0.107768	0.485231	-2.06087	4.85749	13.0606	2.39001	1
cg22179177	0.228443	1.25851	1.25851	0.592363	1.1033	1.1033	0.174089	1.30084	1.30084	0.0170263	1.69761	1.69761	4.1145	2.15612	0.465805	1
cg22033316	0.59803	1.0972	1.0972	0.207424	1.26084	1.26084	0.860686	1.0311	1.0311	0.578529	0.906794	-1.10279	3.65598	1.76005	0.427925	1
cg05302542	0.158848	5.69697	5.69697	0.0242119	0.0448494	-22.2969	0.0842808	0.110075	-9.0847	0.196995	4.83499	4.83499	3.7378	61.4618	18.7923	1
cg17944940	0.154079	1.36992	1.36992	1.04E-07	0.0287708	-34.7574	0.22717	0.769862	-1.29893	0.208672	1.31443	1.31443	39.1733	26.4014	0.599078	1
cg26518745	0.0881134	0.646309	-1.54725	0.326625	1.26475	1.26475	0.00317623	0.392759	-2.54609	0.493658	0.851106	-1.17494	92.889	79.1324	0.757247	1
cg02553537	8.29E-05	0.363707	-2.74947	0.00289721	1.79389	1.79389	0.258151	1.1834	1.1834	2.98E-05	0.311359	-3.21173	67.0564	21.6315	0.286743	1
cg07039560	0.63463	1.18443	1.18443	5.53E-05	14.1885	14.1885	0.000633048	6.39988	6.39988	0.00594178	3.56767	3.56767	14.7635	29.2275	1.75974	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21636683	SLC25A2	0.000821155	0.00260249	3.87047	3.87047	0.000355745	6.42376	6.42376	0.693393	1.13719	1.13719	0.0122878	2.75039	2.75039	0.695873	0.880333	-1.13593
cg27320005	SLC25A2	0.00175016	0.0111521	3.67776	3.67776	0.00828513	3.9826	3.9826	0.160923	1.84603	1.84603	0.0195911	3.17281	3.17281	0.0246265	2.99106	2.99106
cg26783353	SLC25A2	0.00654894	0.906929	0.9685	-1.03252	0.0244481	2.08271	2.08271	0.361622	1.29257	1.29257	0.658365	0.885343	-1.12951	0.000257584	0.192767	-5.18761
cg03060468	SLC25A2	0.0081629	0.0359147	2.3618	2.3618	0.00539832	3.63153	3.63153	0.633319	1.1844	1.1844	0.478494	0.775905	-1.28882	0.00298142	0.238184	-4.19843
cg25212131	SLC25A2	0.0103453	0.0268768	3.71524	3.71524	0.0124415	4.74541	4.74541	0.278705	1.75748	1.75748	0.0653714	2.81671	2.81671	0.588542	0.760766	-1.31446
cg22748470	SLC25A2	0.0341601	0.116105	1.44907	1.44907	0.0563287	1.59901	1.59901	0.118704	1.44464	1.44464	0.211651	1.33082	1.33082	0.181723	1.36058	1.36058
cg07496545	SLC25A2	0.040371	0.051848	7.97108	7.97108	0.0163487	15.7036	15.7036	0.461734	2.0197	2.0197	0.117166	4.93709	4.93709	0.450651	0.486208	-2.05673
cg05845376	SLC25A2	0.0426789	0.0719549	5.95648	5.95648	0.0400181	8.23546	8.23546	0.0596061	6.61016	6.61016	0.0455413	7.66837	7.66837	0.33089	2.43825	2.43825
cg01191114	SLC25A20	0.000312608	0.00668219	0.298767	-3.34709	0.207467	1.57837	1.57837	0.973321	0.988583	-1.01155	0.0211834	0.386191	-2.5894	0.00214147	0.227497	-4.39567
cg00948664	SLC25A20	0.00113714	0.000164324	0.146235	-6.83832	0.03907	0.489382	-2.04339	0.0210627	0.435949	-2.29385	0.719173	1.11409	1.11409	0.00727196	0.354893	-2.81775
cg20495332	SLC25A20	0.00180517	0.00521023	0.424942	-2.35326	0.507827	0.855591	-1.16878	0.801044	1.06037	1.06037	0.0442769	0.584865	-1.7098	0.025164	0.538945	-1.85548
cg22919115	SLC25A20	0.00498299	0.00289619	0.321407	-3.11132	0.00556913	0.364476	-2.74367	0.509247	0.830623	-1.20392	0.41995	0.795808	-1.25659	0.00140808	0.277606	-3.60223
cg14014369	SLC25A20	0.0108158	0.265871	1.14026	1.14026	0.210761	0.861319	-1.16101	0.0488394	0.775155	-1.29006	0.096388	0.813282	-1.22959	0.043181	0.768474	-1.30128
cg15588941	SLC25A20	0.015673	0.00766086	0.268697	-3.72166	0.0150222	0.317864	-3.146	0.0337926	0.386619	-2.58653	0.502491	0.770328	-1.29815	0.00767029	0.268781	-3.7205
cg23732368	SLC25A20;SLC25A20	0.0477179	0.441782	0.852271	-1.17334	0.203193	1.31489	1.31489	0.664199	0.914827	-1.0931	0.752941	0.937673	-1.06647	0.921589	1.02027	1.02027
cg07120097	SLC25A21;SLC25A21	2.80E-05	0.152303	0.788365	-1.26845	0.893333	1.02102	1.02102	0.0779522	0.738038	-1.35494	0.026981	0.666194	-1.50106	8.60E-07	0.13105	-7.63067
cg26060208	SLC25A21;SLC25A21	0.00013011	0.257557	0.830083	-1.2047	0.0142457	0.62094	-1.61046	0.00332024	0.53248	-1.878	0.0163244	1.58852	1.58852	1.81E-06	0.153543	-6.51282
cg14397402	SLC25A21;SLC25A21	0.000407365	0.505881	0.831176	-1.20311	0.201459	0.691053	-1.44707	0.00383573	0.343823	-2.90848	0.161319	0.663795	-1.50649	0.00023021	0.18722	-5.34132
cg08156844	SLC25A21;SLC25A21	0.000737484	0.0919588	0.734213	-1.362	0.280312	1.20551	1.20551	0.192447	0.794733	-1.25828	0.0111334	0.58862	-1.69889	5.00E-05	0.281584	-3.55134
cg23955675	SLC25A21;SLC25A21	0.00125154	0.0677752	0.663004	-1.50829	0.953432	1.0118	1.0118	0.000250724	0.297251	-3.36416	0.00449895	0.467348	-2.13973	0.285294	0.800175	-1.24973
cg04404694	SLC25A21;SLC25A21	0.0106369	0.00238804	0.288614	-3.46484	0.263085	0.709998	-1.40846	0.0196931	0.437376	-2.28636	0.0909705	0.578934	-1.72731	0.00107723	0.24235	-4.12626
cg01857748	SLC25A21;SLC25A21	0.011632	0.0296096	1.5341	1.5341	0.0106715	1.70978	1.70978	0.0646196	0.70691	-1.41461	0.637568	0.923768	-1.08252	0.92736	1.01535	1.01535
cg02095895	SLC25A21;SLC25A21	0.0169477	0.241003	0.720323	-1.38827	0.845469	1.05354	1.05354	0.0520263	0.553897	-1.80539	0.00889167	0.410745	-2.4346	0.587303	0.863754	-1.15774
cg16441590	SLC25A21;SLC25A21	0.0287394	0.962496	1.00871	1.00871	0.169318	0.763425	-1.30989	0.00215378	0.451915	-2.2128	0.172914	0.765372	-1.30655	0.384883	0.848534	-1.1785
cg25051529	SLC25A21;SLC25A21;LOC100129794	0.00199117	0.0145915	1.37014	1.37014	0.00914862	1.41424	1.41424	0.00105432	1.66074	1.66074	0.0881468	1.21776	1.21776	0.233305	1.13978	1.13978
cg22930445	SLC25A21;SLC25A21;LOC100129794	0.00201146	0.185141	0.719941	-1.389	0.040652	0.575412	-1.73788	9.77E-05	5.04782	5.04782	0.0847266	0.640311	-1.56174	0.038754	1.75	1.75
cg14466269	SLC25A21;SLC25A21;LOC100129794	0.00227311	0.777267	1.02516	1.02516	0.92058	1.00878	1.00878	0.000111609	1.81341	1.81341	0.0116233	0.758538	-1.31833	0.0649567	0.833957	-1.1991
cg26342676	SLC25A21;SLC25A21;LOC100129794	0.00408651	0.00245241	0.426161	-2.34653	0.0217135	0.572516	-1.74668	0.00068732	0.350222	-2.85533	0.111361	0.703974	-1.42051	0.0130253	0.536034	-1.86555
cg13017854	SLC25A21;SLC25A21;LOC100129794	0.0148434	0.0249754	0.238754	-4.18842	0.0213824	0.226555	-4.41394	0.0222746	0.229709	-4.35333	0.427433	1.54507	1.54507	0.00384108	0.12342	-8.10239
cg20597409	SLC25A21;SLC25A21;LOC100129794	0.0277486	0.0173868	0.151633	-6.59488	0.0193226	0.15839	-6.31354	0.0336809	0.198753	-5.03137	0.407493	0.575875	-1.73649	0.0285427	0.185823	-5.38146
cg18641486	SLC25A21;SLC25A21;SLC25A21;LOC100129794;SLC25A21	0.0342415	0.0221757	0.762312	-1.3118	0.619491	1.05079	1.05079	0.122861	1.17992	1.17992	0.0724635	1.21941	1.21941	0.912519	0.989182	-1.01094
cg10970251	SLC25A22	0.015908	0.00436616	0.211638	-4.72505	0.493672	0.75315	-1.32776	0.138048	0.521377	-1.918	0.0275592	0.345504	-2.89432	0.249571	0.612155	-1.63357
cg10665488	SLC25A22	0.0205085	0.0487857	0.316567	-3.15889	0.510915	1.40612	1.40612	0.398131	1.55612	1.55612	0.0314827	0.275427	-3.63073	0.331558	0.599264	-1.66871
cg02973416	SLC25A22;SLC25A22	0.0470724	0.00683762	0.209935	-4.76337	0.432821	0.700009	-1.42855	0.819185	1.10741	1.10741	0.0752896	0.413777	-2.41676	0.0291829	0.318178	-3.1429
cg17100943	SLC25A23	1.09E-05	0.00972034	2.34848	2.34848	0.570716	1.16134	1.16134	0.699751	1.10645	1.10645	0.00183347	3.17536	3.17536	0.000506096	0.242053	-4.13132
cg08782213	SLC25A23	0.000957907	1.88E-05	0.375702	-2.66169	0.04798	1.28948	1.28948	0.887295	0.984178	-1.01608	0.512857	1.07749	1.07749	0.00625957	0.669889	-1.49278
cg21457031	SLC25A23	0.010867	0.0492857	0.368671	-2.71245	0.479207	1.37695	1.37695	0.577334	1.28447	1.28447	0.0605028	0.390156	-2.56308	0.190068	0.53949	-1.8536
cg10131887	SLC25A23	0.0129851	0.960586	0.995303	-1.00472	0.315248	1.104	1.104	0.0332873	0.788958	-1.2675	0.00405263	0.692337	-1.44438	0.0561296	1.22888	1.22888
cg17297328	SLC25A24	0.00606272	0.000764603	0.180352	-5.54472	0.387249	0.74248	-1.34684	0.414272	0.755486	-1.32365	0.391986	0.74479	-1.34266	0.00141894	0.211938	-4.71836
cg09214920	SLC25A24	0.00908031	0.0269264	0.688859	-1.45168	0.51227	1.09915	1.09915	0.000518262	2.16019	2.16019	0.610517	0.929541	-1.0758	0.667904	0.940455	-1.06331
cg04220635	SLC25A24	0.0108895	0.947385	0.994639	-1.00539	0.00949181	1.30695	1.30695	0.115164	1.14973	1.14973	0.0310025	0.813609	-1.22909	0.808527	1.01997	1.01997
cg24323958	SLC25A24	0.0174115	0.0193079	0.185086	-5.4029	0.287219	0.517476	-1.93246	0.143551	0.391803	-2.5523	0.0109775	0.149177	-6.70347	0.0024345	0.0808261	-12.3722
cg23962285	SLC25A24	0.0394912	0.102219	0.673124	-1.48561	0.135668	0.700538	-1.42748	0.0558313	0.619092	-1.61527	0.0272812	0.56095	-1.78269	0.168915	0.722961	-1.3832
cg21421408	SLC25A24	0.0460152	0.242132	1.17701	1.17701	0.47647	0.908117	-1.10118	0.0244002	0.699724	-1.42914	0.746192	1.04418	1.04418	0.00581121	1.61758	1.61758
cg14039237	SLC25A25	0.0225392	0.00554227	0.199172	-5.02078	0.0148386	0.265289	-3.76948	0.328662	0.63995	-1.56262	0.063554	0.397105	-2.51823	0.0286892	0.318999	-3.1348
cg02784780	SLC25A26	0.0171865	0.201175	0.591103	-1.69175	0.398451	0.714116	-1.40033	0.312295	0.665583	-1.50244	0.00545934	0.240877	-4.15149	0.000609378	0.127836	-7.82251
cg06722212	SLC25A26;SLC25A26	0.0115285	0.00291378	0.208498	-4.79622	0.167706	0.569166	-1.75696	0.0748688	0.467491	-2.13908	0.907636	0.956492	-1.04549	0.00341257	0.217613	-4.59532
cg00592244	SLC25A26;SLC25A26;SLC25A26	0.00705555	0.00426403	0.255623	-3.91201	0.616095	0.834996	-1.19761	0.0616051	0.471883	-2.11917	0.0650953	0.47769	-2.09341	0.00082288	0.165682	-6.03566
cg04217850	SLC25A26;SLC25A26;SLC25A26	0.010733	0.0303795	0.859085	-1.16403	0.0145722	0.835632	-1.1967	0.296071	0.937383	-1.0668	0.0284257	1.16692	1.16692	0.729972	1.02089	1.02089
cg07410597	SLC25A26;SLC25A26;SLC25A26	0.0326892	0.285993	0.7497	-1.33387	0.468656	1.21129	1.21129	0.671052	0.894879	-1.11747	0.377177	0.790103	-1.26566	0.0211851	0.486548	-2.0553
cg19101566	SLC25A27	0.0248328	0.0336294	0.324492	-3.08174	0.329525	0.633566	-1.57837	0.723864	1.17455	1.17455	0.943711	0.968482	-1.03254	0.00217449	0.142164	-7.03415
cg27612364	SLC25A27;CYP39A1	0.0044876	0.335383	0.789319	-1.26691	0.0208474	1.93933	1.93933	0.531833	0.860003	-1.16279	0.0897611	0.640549	-1.56116	0.000776275	0.297826	-3.35767
cg04950384	SLC25A27;SLC25A27;CYP39A1	0.0092336	0.701679	0.935391	-1.06907	0.113659	0.741782	-1.34811	0.131936	0.754141	-1.32601	0.538146	1.11424	1.11424	0.0495194	0.6778	-1.47536
cg22615255	SLC25A28	3.11E-05	1.78E-05	0.14574	-6.86153	0.107608	0.679987	-1.47062	6.14E-05	0.197123	-5.07297	0.000247221	0.264661	-3.77842	0.0229078	0.550017	-1.81813
cg05149213	SLC25A28	0.000136626	0.298723	0.773731	-1.29244	1.52E-05	8.44751	8.44751	0.681191	0.906298	-1.10339	0.000744976	3.38432	3.38432	0.000579882	0.281523	-3.55211
cg13831459	SLC25A28	0.000449431	0.0601885	1.24731	1.24731	0.0697712	0.809449	-1.23541	0.290983	1.12101	1.12101	0.190986	0.865592	-1.15528	2.53E-05	0.418257	-2.39088
cg26536957	SLC25A28	0.00781814	0.407888	0.896193	-1.11583	0.124377	0.806211	-1.24037	0.67569	1.05598	1.05598	0.00369785	0.601775	-1.66175	0.0013744	0.548284	-1.82387
cg05778706	SLC25A28	0.0201097	0.0958891	0.696826	-1.43508	0.00675617	2.00076	2.00076	0.499675	1.14492	1.14492	0.199961	0.765343	-1.3066	0.0129638	1.83879	1.83879
cg14064024	SLC25A29	0.000554435	2.37E-05	0.350302	-2.85468	0.699728	0.952946	-1.04938	0.0767924	0.782894	-1.27731	0.70623	0.954	-1.04822	0.309815	0.877479	-1.13963
cg03886017	SLC25A29	0.000581119	0.284072	0.852143	-1.17351	0.0531668	1.37145	1.37145	0.000159025	0.395264	-2.52996	0.805492	0.965149	-1.03611	0.00136273	0.512568	-1.95096
cg05043627	SLC25A29	0.000662993	0.000830166	0.313215	-3.19269	0.00101228	0.324681	-3.07995	0.89072	0.968788	-1.03222	0.00982038	0.470994	-2.12317	0.00367675	0.404218	-2.47391
cg18629527	SLC25A29	0.0121757	0.929144	0.979954	-1.02046	0.17938	0.722731	-1.38364	0.00095795	3.06533	3.06533	0.220796	0.745965	-1.34055	0.111468	0.673869	-1.48397
cg16073846	SLC25A29	0.0162419	0.953195	1.02579	1.02579	0.296618	0.625371	-1.59905	0.00102781	0.121207	-8.25035	0.127708	2.04295	2.04295	0.136475	2.00552	2.00552
cg09002165	SLC25A29;MIR345	0.0157998	0.0455239	0.502016	-1.99197	0.0410033	2.03272	2.03272	0.0329474	2.12115	2.12115	0.878912	1.04586	1.04586	0.0217982	0.434523	-2.30137
cg06910115	SLC25A29;MIR345	0.0355989	0.678275	0.926079	-1.07982	0.127427	0.738262	-1.35453	0.718455	1.06892	1.06892	0.124373	0.736156	-1.35841	0.279581	1.22992	1.22992
cg18986330	SLC25A29;MIR345;SLC25A29	0.000474409	0.00442128	0.719159	-1.39051	0.0733196	0.840888	-1.18922	0.0270715	1.25496	1.25496	0.000134035	0.563126	-1.7758	0.239243	0.898568	-1.11288
cg07851632	SLC25A2;SLC25A2	0.00258591	0.0102433	0.205442	-4.86755	0.257478	1.78221	1.78221	0.00329218	0.141135	-7.08542	0.145888	0.466066	-2.14562	0.00266387	0.13113	-7.62602
cg14739664	SLC25A2;SLC25A2	0.0201877	0.0303364	3.47112	3.47112	0.0523133	2.94126	2.94126	0.106016	2.37024	2.37024	0.0704924	2.68631	2.68631	0.0112266	4.72535	4.72535
cg07590544	SLC25A30	0.00167553	0.00378359	0.556294	-1.79761	0.00160028	0.506816	-1.9731	0.725208	0.948403	-1.0544	0.00615379	1.70998	1.70998	0.00516587	0.574496	-1.74066
cg24084363	SLC25A30	0.00268304	0.969465	0.994125	-1.00591	0.290923	0.844767	-1.18376	0.0151072	1.58339	1.58339	0.752182	0.95241	-1.04997	0.0132261	0.623319	-1.60431
cg27375012	SLC25A30	0.00374549	0.644329	1.0699	1.0699	0.073887	1.33582	1.33582	0.550335	0.915919	-1.0918	0.00655813	0.598563	-1.67067	0.00137389	0.509312	-1.96343
cg11310629	SLC25A30	0.00443629	0.24918	1.1116	1.1116	0.981185	1.00207	1.00207	0.385885	1.08122	1.08122	0.992124	1.00087	1.00087	0.0366345	1.23777	1.23777
cg07322678	SLC25A30	0.00845075	0.163694	0.701699	-1.42511	0.101202	0.651961	-1.53383	0.127309	1.48142	1.48142	0.487447	1.18311	1.18311	0.0112421	0.469093	-2.13177
cg16380351	SLC25A30	0.02967	0.0975787	0.515394	-1.94026	0.803684	0.913184	-1.09507	0.000549521	0.141322	-7.07605	0.194571	0.606316	-1.64931	0.156439	0.575367	-1.73802
cg02828514	SLC25A30	0.0319395	0.841741	1.03985	1.03985	0.0156065	0.560141	-1.78527	0.141422	0.734095	-1.36222	0.681938	0.92261	-1.08388	0.122715	1.38669	1.38669
cg23004327	SLC25A30	0.0400914	0.210023	0.857814	-1.16575	0.688552	1.04789	1.04789	0.408677	0.906549	-1.10308	0.245635	0.868506	-1.1514	0.902456	0.985866	-1.01434
cg13649728	SLC25A31	2.38E-05	0.0321856	0.72855	-1.37259	0.0368878	1.35796	1.35796	0.0916478	0.791012	-1.2642	4.09E-07	0.161883	-6.17732	0.630848	0.940714	-1.06302
cg26983317	SLC25A31	0.000303398	0.00764048	0.793748	-1.25985	0.000185325	1.53002	1.53002	0.391905	1.06086	1.06086	0.763029	0.979838	-1.02058	0.0831511	1.13793	1.13793
cg11060673	SLC25A31	0.00131916	0.119354	1.3209	1.3209	0.896025	0.9787	-1.02176	0.960162	1.00826	1.00826	0.213812	0.806103	-1.24054	2.16E-05	0.24488	-4.08363
cg07294313	SLC25A31	0.0106524	0.697927	0.892407	-1.12056	0.0245002	0.457462	-2.18597	0.868761	1.04945	1.04945	0.381504	0.769536	-1.29948	0.000230152	0.16777	-5.96055
cg10398107	SLC25A31	0.045179	0.945268	1.01294	1.01294	0.108704	0.720603	-1.38773	0.0209967	0.594506	-1.68207	0.39496	1.17724	1.17724	0.129253	0.735649	-1.35934
cg04382920	SLC25A31	0.0454236	0.118263	0.729209	-1.37135	0.0489781	1.51976	1.51976	0.899755	1.02374	1.02374	0.514029	1.13114	1.13114	0.0956825	1.40604	1.40604
cg03648734	SLC25A32	0.00536959	0.203192	0.804481	-1.24304	0.00104734	0.45586	-2.19366	0.00117675	0.46255	-2.16193	0.117725	1.31675	1.31675	0.225145	0.813559	-1.22917
cg13557160	SLC25A33	5.93E-05	0.234232	1.23636	1.23636	0.00104537	0.438015	-2.28303	0.0617318	0.699067	-1.43048	0.536736	1.1123	1.1123	8.07E-07	0.105597	-9.46994
cg26607031	SLC25A33	0.00282579	0.00711415	0.26559	-3.76521	0.000146614	0.0828314	-12.0727	0.742582	0.881898	-1.13392	0.93674	1.03073	1.03073	0.0110456	0.296575	-3.37183
cg00490256	SLC25A33	0.00299651	?	?	?	0.545916	0.816854	-1.22421	0.237419	1.50964	1.50964	9.03E-05	0.0777496	-12.8618	0.0148608	0.359383	-2.78255
cg11826452	SLC25A33	0.00636752	0.0923075	0.763882	-1.3091	0.153171	0.800618	-1.24903	0.00445126	0.576033	-1.73601	0.828624	0.968977	-1.03202	0.00015875	0.391119	-2.55677
cg09058554	SLC25A33	0.0445701	0.0452308	0.263096	-3.80089	0.0328053	0.234261	-4.26875	0.161277	0.419148	-2.38579	0.332095	0.559018	-1.78885	0.0638736	0.298012	-3.35556
cg07775117	SLC25A33;SLC25A33	0.000236631	0.000245541	0.373765	-2.67548	8.59E-05	0.318054	-3.14412	0.000357874	0.394386	-2.53559	0.424782	0.875984	-1.14157	0.0272066	0.654029	-1.52898
cg19916794	SLC25A34	0.00279346	0.349194	0.866061	-1.15465	0.0292833	1.46692	1.46692	0.496173	0.902035	-1.1086	0.000227925	0.40093	-2.4942	0.179017	1.23739	1.23739
cg21821674	SLC25A34	0.0064902	0.00254634	0.499056	-2.00378	0.502354	1.11964	1.11964	0.0430346	0.679446	-1.47179	0.702474	0.938278	-1.06578	0.00408977	0.527528	-1.89563
cg03970032	SLC25A34;SLC25A34	0.0083777	0.361425	0.837184	-1.19448	0.916344	1.0201	1.0201	0.000206942	0.30825	-3.24412	0.740907	1.06487	1.06487	0.0103854	0.542607	-1.84295
cg19697725	SLC25A35	0.000208832	0.389886	1.11309	1.11309	0.000261124	2.07515	2.07515	3.09E-05	2.68901	2.68901	0.00171444	1.72339	1.72339	0.815515	1.02883	1.02883
cg09008187	SLC25A35	0.00216463	0.0867844	1.19351	1.19351	0.265723	0.89721	-1.11457	0.00151911	1.53274	1.53274	0.219639	0.886285	-1.1283	0.628382	1.04667	1.04667
cg00825497	SLC25A35	0.00292478	0.0891892	0.88936	-1.1244	0.0016077	1.32711	1.32711	0.190445	1.09061	1.09061	0.00737544	0.805742	-1.24109	0.387319	1.057	1.057
cg19626872	SLC25A35	0.00607164	0.330506	0.891988	-1.12109	0.513633	0.927553	-1.07811	0.398377	0.906369	-1.1033	0.971837	0.996009	-1.00401	0.0104078	0.684326	-1.46129
cg27459281	SLC25A35	0.00613189	0.0651127	0.729786	-1.37026	0.108065	1.30563	1.30563	0.478105	1.11594	1.11594	0.00288392	0.536155	-1.86513	0.0256637	0.668212	-1.49653
cg05151395	SLC25A35;RANGRF	0.00305423	0.373229	0.941263	-1.0624	0.000489104	0.696446	-1.43586	0.005341	0.784263	-1.27508	0.160739	0.905548	-1.1043	0.0586202	1.15196	1.15196
cg15754548	SLC25A35;RANGRF	0.0166201	0.014626	1.79768	1.79768	0.0710825	1.48193	1.48193	0.204377	1.29859	1.29859	0.943469	0.986261	-1.01393	0.00430832	0.474926	-2.10559
cg06512910	SLC25A36;SLC25A36	0.00810253	0.0700474	0.593989	-1.68353	0.420171	0.809119	-1.23591	0.268694	0.74359	-1.34483	0.0953872	0.624269	-1.60187	0.0409388	0.545128	-1.83443
cg01362570	SLC25A36;SLC25A36	0.0179877	0.00107611	0.459242	-2.1775	0.0666456	1.39288	1.39288	0.881779	0.976306	-1.02427	0.0741011	0.725623	-1.37813	0.053876	0.702798	-1.42288
cg25152631	SLC25A36;SLC25A36	0.0244412	0.0973017	1.25752	1.25752	0.156931	0.826427	-1.21003	0.664585	0.946544	-1.05647	0.00179743	1.74937	1.74937	0.810638	0.970224	-1.03069
cg23664775	SLC25A36;SLC25A36	0.0468957	?	?	?	0.066	0.802114	-1.24671	0.154926	1.16618	1.16618	?	?	?	?	?	?
cg00892891	SLC25A37	6.44E-07	0.83322	0.975074	-1.02556	0.00965721	0.67568	-1.47999	0.842542	0.976473	-1.02409	0.079117	1.26284	1.26284	3.90E-06	0.276174	-3.62091
cg11051899	SLC25A37	0.000292171	0.0398313	0.7087	-1.41103	0.0148309	0.647696	-1.54393	0.0270838	0.684434	-1.46106	0.350671	1.14934	1.14934	9.27E-06	0.24957	-4.00689
cg01770362	SLC25A37	0.00226061	0.227116	0.792948	-1.26112	5.78E-05	0.255593	-3.91248	0.223344	0.791297	-1.26375	0.791204	0.952613	-1.04974	0.0220509	0.605098	-1.65263
cg14755852	SLC25A37	0.00326562	0.0111769	0.633552	-1.5784	0.000112049	0.377348	-2.65008	0.119268	0.784533	-1.27464	0.0609871	1.35406	1.35406	0.103895	0.77473	-1.29077
cg16812174	SLC25A37	0.0034374	0.271453	0.705925	-1.41658	0.0620639	1.89464	1.89464	0.0409023	0.487817	-2.04995	0.350773	1.33928	1.33928	0.0139799	0.397203	-2.5176
cg26617611	SLC25A37	0.00381543	0.166625	1.38116	1.38116	0.0615738	0.630591	-1.58581	0.256688	0.77164	-1.29594	0.787252	0.942486	-1.06102	0.00105613	0.346227	-2.88828
cg26801445	SLC25A37	0.00685997	0.00342041	0.19472	-5.13559	0.36041	0.679232	-1.47225	0.522662	0.76604	-1.30542	0.610908	0.809714	-1.235	0.00205241	0.167505	-5.96996
cg24917065	SLC25A37	0.00934024	0.00478782	0.299007	-3.3444	0.243287	0.674573	-1.48242	0.0166352	0.38951	-2.56733	0.0113788	0.360049	-2.7774	0.01213	0.364885	-2.74059
cg01416724	SLC25A37	0.0263769	0.707709	0.954132	-1.04807	0.959969	0.993762	-1.00628	0.41858	1.10853	1.10853	0.373163	0.892286	-1.12072	0.0243517	1.39726	1.39726
cg00669044	SLC25A37	0.0325632	0.144259	0.831572	-1.20254	0.0230926	0.726547	-1.37637	0.724843	1.04243	1.04243	0.476089	0.918323	-1.08894	0.358966	0.895016	-1.1173
cg26410105	SLC25A38	0.0025462	0.46334	0.945913	-1.05718	0.863328	1.01292	1.01292	0.0260258	1.21747	1.21747	0.00100999	1.43821	1.43821	0.163198	1.11724	1.11724
cg10639933	SLC25A38	0.00461716	0.15277	0.645276	-1.54972	0.57272	0.84955	-1.17709	0.980645	1.00696	1.00696	0.324792	1.33761	1.33761	9.61E-05	0.137327	-7.2819
cg12386437	SLC25A38	0.0100779	0.0108224	0.42613	-2.3467	0.841404	1.05485	1.05485	0.0931544	0.611249	-1.63599	0.80336	1.06875	1.06875	0.000826941	0.261307	-3.82691
cg20180092	SLC25A38	0.0118764	0.910937	0.972735	-1.02803	0.366236	0.795068	-1.25775	0.510724	0.848054	-1.17917	0.746054	0.922862	-1.08359	0.00158426	0.326173	-3.06586
cg14999291	SLC25A38	0.0264789	0.196518	0.450455	-2.21998	0.163937	0.420024	-2.38082	0.0593198	3.46693	3.46693	0.497195	0.668622	-1.49561	0.00239503	0.0845016	-11.8341
cg20102010	SLC25A38	0.0289744	0.0680558	0.639459	-1.56382	0.180733	0.732725	-1.36477	0.00876196	0.481628	-2.07629	0.822029	0.951898	-1.05053	0.460285	1.1788	1.1788
cg03206717	SLC25A38	0.0445951	0.065177	0.653091	-1.53118	0.466085	0.858443	-1.1649	0.751216	0.936644	-1.06764	0.000784451	0.35173	-2.84309	0.285795	0.796025	-1.25624
cg24497270	SLC25A39;SLC25A39	0.000194246	0.00409553	0.505221	-1.97933	0.984335	1.00349	1.00349	0.0811103	0.709786	-1.40888	0.0214056	0.612612	-1.63235	0.631513	0.917913	-1.08943
cg09691340	SLC25A39;SLC25A39	0.000373076	0.0539299	0.667552	-1.49801	0.00704413	1.9029	1.9029	0.000122862	3.44739	3.44739	0.00260426	2.16055	2.16055	0.689302	0.92846	-1.07705
cg20045910	SLC25A39;SLC25A39	0.000448466	0.485071	0.838718	-1.1923	0.55497	0.862406	-1.15955	0.783836	0.934101	-1.07055	0.0115152	0.456811	-2.18909	0.508682	0.846869	-1.18082
cg00641632	SLC25A39;SLC25A39	0.00131515	0.0234445	3.73108	3.73108	0.0096336	0.200055	-4.99862	0.0556289	2.84543	2.84543	0.030764	3.4229	3.4229	?	?	?
cg08512882	SLC25A39;SLC25A39	0.00208405	0.00203698	2.2337	2.2337	0.463598	0.87122	-1.14782	0.0964442	0.713706	-1.40114	0.972385	1.00642	1.00642	0.669378	0.923691	-1.08261
cg03192551	SLC25A39;SLC25A39	0.00211701	0.00354975	0.305979	-3.2682	0.00133655	4.04515	4.04515	0.0485358	1.96478	1.96478	0.00570914	2.96319	2.96319	0.321645	1.35915	1.35915
cg23623270	SLC25A39;SLC25A39	0.00525863	0.297627	0.748074	-1.33677	0.050065	1.82324	1.82324	0.063908	1.75039	1.75039	0.000452533	4.41966	4.41966	0.62896	1.13984	1.13984
cg22790777	SLC25A39;SLC25A39	0.00645543	0.282787	0.683958	-1.46208	0.00240314	0.237097	-4.21768	0.0250103	0.403488	-2.47839	0.440984	0.765334	-1.30662	0.00211647	0.229772	-4.35215
cg20189563	SLC25A39;SLC25A39	0.0366838	0.191979	0.675166	-1.48112	0.034092	0.494936	-2.02046	0.0381277	0.504833	-1.98085	0.0959504	0.594527	-1.68201	0.0407609	0.510828	-1.95761
cg02923274	SLC25A3;SLC25A3;SLC25A3	0.000250726	0.793546	1.06459	1.06459	0.0333549	0.552436	-1.81016	0.231348	0.741118	-1.34931	0.157939	0.697486	-1.43372	5.82E-06	0.0877935	-11.3904
cg20303850	SLC25A3;SLC25A3;SLC25A3	0.000364443	0.00122264	0.543915	-1.83852	4.54E-05	2.69821	2.69821	0.000388746	2.07122	2.07122	0.439303	0.903454	-1.10686	0.162116	1.21183	1.21183
cg12074252	SLC25A3;SLC25A3;SLC25A3	0.00321583	0.182692	0.696953	-1.43482	0.00181564	0.322404	-3.1017	0.912646	1.02841	1.02841	0.979614	0.993498	-1.00654	0.000705978	0.267681	-3.73579
cg00763151	SLC25A3;SLC25A3;SLC25A3	0.0116067	0.000181599	0.176352	-5.67049	0.0746197	0.580294	-1.72327	0.709052	0.902389	-1.10817	0.644157	1.13593	1.13593	0.312112	0.75086	-1.33181
cg11088051	SLC25A3;SLC25A3;SLC25A3	0.0186244	0.0232387	0.194193	-5.14952	0.00420978	0.0987108	-10.1306	0.0606389	0.27862	-3.58912	0.968469	1.02417	1.02417	0.0157132	0.167194	-5.98107
cg17466598	SLC25A3;SLC25A3;SLC25A3	0.0348999	0.40431	0.893214	-1.11955	0.535282	0.92027	-1.08664	0.0094652	1.5452	1.5452	0.402333	1.12011	1.12011	0.0105156	1.5312	1.5312
cg16871561	SLC25A3;SLC25A3;SLC25A3	0.0369032	0.431642	0.394242	-2.53651	0.00329275	0.00962135	-103.936	0.044659	0.0690152	-14.4896	0.462601	2.3802	2.3802	0.0169756	0.0341725	-29.2633
cg13505705	SLC25A3;SLC25A3;SLC25A3;SLC25A3;SLC25A3;SLC25A3	0.0259382	0.510364	0.924657	-1.08148	0.13902	0.829601	-1.2054	0.0328093	0.746076	-1.34035	0.348101	1.12	1.12	0.0498016	1.30017	1.30017
cg16667710	SLC25A4	0.0245538	0.232813	0.77755	-1.28609	0.0133378	0.539832	-1.85243	0.875544	0.968971	-1.03202	0.131641	0.720871	-1.38721	0.00901563	0.512898	-1.94971
cg27403989	SLC25A40	2.06E-05	6.30E-05	0.392171	-2.54991	0.000118924	0.42516	-2.35206	0.00133775	0.553033	-1.80821	0.302711	0.873159	-1.14527	1.28E-05	0.311898	-3.20617
cg26365742	SLC25A40	0.037015	0.0276376	0.131773	-7.58883	0.0365071	0.150834	-6.62981	0.0191085	0.109991	-9.09163	0.0951121	0.239953	-4.16748	0.0268722	0.129983	-7.69333

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21636683	0.64325	1.16337	1.16337	0.000108383	9.14676	9.14676	0.00136569	4.51583	4.51583	0.011761	2.77578	2.77578	12.4403	20.7399	1.48191	1
cg27320005	0.0405054	2.63406	2.63406	4.91E-05	22.7223	22.7223	0.00185658	6.09977	6.09977	0.196714	1.74852	1.74852	10.023	26.6038	2.35935	1
cg26783353	0.290886	1.34979	1.34979	0.450952	1.23392	1.23392	0.0690709	1.74489	1.74489	0.33339	0.76105	-1.31397	6.75363	8.01079	1.05435	1
cg03060468	0.255605	0.658422	-1.51878	0.221808	1.57172	1.57172	0.0157578	2.83448	2.83448	0.245283	1.53411	1.53411	6.30401	12.3799	1.74561	1
cg25212131	0.778976	1.15127	1.15127	0.000491263	15.3814	15.3814	0.0168571	4.3049	4.3049	0.0836271	2.60805	2.60805	5.84671	23.2093	3.52856	1
cg22748470	0.624973	1.11294	1.11294	0.00153349	2.69203	2.69203	0.243608	0.76721	-1.30342	0.55465	0.878269	-1.1386	3.90122	2.91493	0.664163	1
cg07496545	0.405981	0.450398	-2.22026	0.0219523	13.1808	13.1808	0.0105522	20.4572	20.4572	0.295341	2.76813	2.76813	3.67063	51.1723	12.392	1
cg05845376	0.848951	0.844182	-1.18458	0.0454161	7.68003	7.68003	0.00558555	25.3579	25.3579	0.0292671	9.79203	9.79203	3.59586	44.9462	11.1106	1
cg01191114	0.84093	1.07143	1.07143	7.22E-06	0.0333425	-29.9917	0.12946	1.75499	1.75499	0.622047	0.843159	-1.18602	16.2657	30.3685	1.65958	1
cg00948664	0.357382	0.753354	-1.3274	0.00650338	2.88138	2.88138	0.676989	1.13355	1.13355	0.00158947	0.257641	-3.88137	11.3445	16.0863	1.26042	1
cg20495332	0.962923	1.01085	1.01085	0.0190982	1.93185	1.93185	0.000201686	4.2532	4.2532	0.161779	0.706929	-1.41457	9.93351	8.4782	0.758662	1
cg22919115	0.261342	0.722758	-1.38359	0.955848	1.01546	1.01546	0.000939082	0.254621	-3.92741	0.0556499	0.548216	-1.8241	7.34623	8.93884	1.08159	1
cg14014369	0.837091	0.97696	-1.02358	0.00071914	1.79094	1.79094	0.519122	0.928679	-1.0768	0.485972	0.922978	-1.08345	5.76378	1.17004	0.180444	1
cg15588941	0.462312	0.750596	-1.33228	0.880481	0.943944	-1.05939	0.0028614	0.207344	-4.82291	0.0446374	0.413141	-2.42048	5.10591	11.8879	2.06957	1
cg23732368	0.00934114	1.95793	1.95793	0.00743075	0.495262	-2.01913	0.375543	0.830815	-1.20364	0.838029	0.959144	-1.0426	3.44864	2.26861	0.584737	1
cg07120097	0.847572	0.970598	-1.03029	6.95E-06	0.213564	-4.68243	0.638017	1.07626	1.07626	0.0402541	0.692464	-1.44412	31.0063	11.8105	0.338582	1
cg26060208	0.124963	0.769682	-1.29924	0.0363233	0.681417	-1.46753	0.23074	0.820236	-1.21916	0.141921	0.779665	-1.2826	20.632	8.11801	0.349749	1
cg14397402	0.00060545	0.234983	-4.25563	2.23E-05	0.0972507	-10.2827	0.161772	0.664128	-1.50573	0.00426101	0.350757	-2.85097	15.1239	17.975	1.05646	1
cg08156844	0.0549323	0.695936	-1.43691	0.0033068	1.94713	1.94713	0.251509	1.22081	1.22081	0.0684332	1.40458	1.40458	12.822	5.63231	0.390462	1
cg23955675	0.0029511	0.440489	-2.2702	0.000128662	0.262616	-3.80783	0.887348	0.97193	-1.02888	0.113648	0.707682	-1.41306	11.0384	7.05376	0.568019	1
cg04404694	0.443168	0.794919	-1.25799	0.0301521	0.473105	-2.1137	0.418416	1.27471	1.27471	0.186268	0.662769	-1.50882	5.79477	7.90836	1.2131	1
cg01857748	0.063807	1.41647	1.41647	0.00365148	1.92897	1.92897	0.00907062	1.74041	1.74041	0.350223	1.1743	1.1743	5.63003	2.48985	0.393106	1
cg02095895	0.0610327	0.568779	-1.75815	0.0155307	0.452368	-2.21059	0.000997108	0.270752	-3.69341	0.448883	0.813621	-1.22907	4.97461	5.62806	1.00565	1
cg16441590	0.202401	0.780264	-1.28162	0.0685809	0.68671	-1.45622	0.0289084	1.60786	1.60786	0.629702	0.914328	-1.0937	4.14945	2.23368	0.478496	1
cg25051529	0.792168	0.972731	-1.02803	0.000281135	1.86208	1.86208	0.0337764	0.771416	-1.29632	0.851231	0.980535	-1.01985	9.65434	1.67603	0.154314	1
cg22930445	0.715011	0.917827	-1.08953	0.0321991	0.556223	-1.79784	0.197057	0.726963	-1.37559	0.753118	1.07657	1.07657	9.62587	8.33519	0.769703	1
cg14466269	0.0499513	0.822115	-1.21637	0.205876	1.12402	1.12402	0.502726	0.942148	-1.0614	0.101967	1.1698	1.1698	9.28795	1.12916	0.108065	1
cg26342676	0.0108832	0.52357	-1.90996	0.00159731	0.399864	-2.50085	0.281284	0.797198	-1.25439	0.0166996	0.553572	-1.80645	7.80198	5.06206	0.576727	1
cg13017854	0.618514	1.30938	1.30938	0.449009	0.660827	-1.51326	0.412773	0.637867	-1.56773	0.00443333	0.130177	-7.68186	5.1987	23.739	4.05897	1
cg20597409	0.102656	0.312506	-3.19994	0.0274392	0.182863	-5.46858	0.0167588	0.14934	-6.69614	0.00887305	0.114263	-8.75172	4.2011	28.2263	5.97225	1
cg18641486	0.012728	0.736106	-1.3585	0.225513	0.881637	-1.13425	0.963795	1.0045	1.0045	0.0754049	1.21642	1.21642	3.89787	0.604695	0.137897	1
cg10970251	0.148254	0.531269	-1.88228	0.00103275	0.137718	-7.26123	0.0203557	0.319691	-3.12802	0.0888599	0.465158	-2.14981	5.08073	13.3842	2.3416	1
cg10665488	0.043422	0.305078	-3.27785	0.00378331	0.135748	-7.36657	0.00807446	0.176554	-5.664	0.0928552	0.388637	-2.5731	4.66455	19.3008	3.678	1
cg02973416	0.271317	0.600333	-1.66574	0.0155617	0.266629	-3.75053	0.0448131	0.35837	-2.79041	0.102054	0.450517	-2.21967	3.4664	10.8997	2.79501	1
cg17100943	2.13E-07	0.0166361	-60.1104	0.0166485	0.466181	-2.14509	0.0763685	0.597716	-1.67303	0.887366	0.963682	-1.03769	39.6848	42.8267	0.959262	1
cg08782213	0.222407	0.865707	-1.15513	0.461388	0.919128	-1.08799	0.491709	0.924464	-1.08171	0.0381212	0.763142	-1.31037	11.9108	2.38592	0.178059	1
cg21457031	0.0117723	0.246846	-4.05111	0.00372759	0.175187	-5.70819	0.0135127	3.89403	3.89403	0.550093	1.3085	1.3085	5.75503	18.023	2.78373	1
cg10131887	0.296733	1.10858	1.10858	0.165562	1.15131	1.15131	0.221701	0.884815	-1.13018	0.0127981	1.3426	1.3426	5.43218	0.780981	0.127795	1
cg17297328	0.506203	0.797228	-1.25435	0.00633095	0.302903	-3.30138	0.00456889	0.281175	-3.55651	0.269514	0.679546	-1.47157	6.91691	12.366	1.58915	1
cg09214920	0.0445276	1.3884	1.3884	0.526303	0.912719	-1.09563	0.428675	1.12179	1.12179	0.0913249	0.767595	-1.30277	6.09516	1.95307	0.284827	1
cg04220635	0.011291	0.772225	-1.29496	0.0255161	0.805578	-1.24135	0.0746888	1.17554	1.17554	0.141011	1.13765	1.13765	5.75119	0.604397	0.0934141	1
cg24323958	0.437557	0.623684	-1.60338	0.0231782	0.198248	-5.0442	0.00925571	0.139594	-7.16364	0.0303417	0.21922	-4.56162	4.92985	27.7502	5.00357	1
cg23962285	0.0336448	1.73179	1.73179	0.901203	0.972888	-1.02787	0.0160843	0.52104	-1.91924	0.635181	0.899624	-1.11158	3.70053	2.87076	0.689575	1
cg21421408	0.94138	0.990257	-1.00984	0.192563	0.832264	-1.20154	0.271191	0.858557	-1.16475	0.329489	1.14337	1.14337	3.49616	0.981373	0.249512	1
cg14039237	0.459771	0.716609	-1.39546	0.00303761	0.165628	-6.03762	0.151897	0.506802	-1.97316	0.0527857	0.377329	-2.6502	4.51622	14.0203	2.7595	1
cg02784780	0.949908	1.02477	1.02477	0.863727	0.935283	-1.0692	0.93089	1.03436	1.03436	0.59066	1.23551	1.23551	4.95137	11.8956	2.13554	1
cg06722212	0.598433	0.815715	-1.22592	0.00201863	0.188371	-5.30866	0.0592348	0.442073	-2.26207	0.0609148	0.445028	-2.24705	5.64633	13.1361	2.06799	1
cg00592244	0.0863842	0.508768	-1.96553	0.00138222	0.191229	-5.22934	0.295803	0.679283	-1.47214	0.0376264	0.423044	-2.36382	6.59883	13.2985	1.79136	1
cg04217850	0.177564	1.08928	1.08928	0.00266278	1.28143	1.28143	0.663718	0.974229	-1.02645	0.342166	0.943262	-1.06015	5.77804	0.325956	0.0501448	1
cg07410597	0.0216188	0.488166	-2.04848	0.00724624	0.406277	-2.46138	0.433681	1.23084	1.23084	0.0163941	0.466424	-2.14397	3.9635	4.24294	0.95156	1
cg19101566	0.00767727	0.211425	-4.7298	0.451079	0.70592	-1.41659	0.390579	1.49033	1.49033	0.105175	0.447994	-2.23217	4.36741	14.2282	2.89583	1
cg27612364	0.0634625	0.608348	-1.6438	0.277863	1.30832	1.30832	0.516328	1.16967	1.16967	0.00531845	2.398	2.398	7.58407	6.81259	0.798468	1
cg04950384	0.0132344	1.70378	1.70378	0.000546288	0.39373	-2.53981	0.896658	1.02281	1.02281	0.673484	0.929093	-1.07632	6.06283	2.89164	0.423951	1
cg22615255	6.51E-05	0.199778	-5.00556	1.29E-05	0.133703	-7.47925	0.0030557	0.410222	-2.43771	2.82E-05	0.163848	-6.10323	30.1815	23.0595	0.679137	1
cg05149213	0.583355	1.14102	1.14102	0.000545356	3.59512	3.59512	0.789027	1.06596	1.06596	0.221961	1.3576	1.3576	20.3626	18.2933	0.798557	1
cg13831459	0.000132472	0.501075	-1.99571	0.228032	0.876427	-1.141	0.494878	0.930294	-1.07493	0.759627	1.03251	1.03251	14.7189	2.53333	0.15299	1
cg26536957	0.51265	0.917625	-1.08977	0.197958	1.19264	1.19264	0.847767	1.02519	1.02519	0.0176724	1.45296	1.45296	6.39018	1.69636	0.235967	1
cg05778706	0.862279	0.966286	-1.03489	0.504912	1.14298	1.14298	0.00807742	1.95437	1.95437	0.70227	1.07881	1.07881	4.69582	2.90142	0.54922	1
cg14064024	0.0219527	0.710473	-1.40751	0.0015861	0.569002	-1.75746	0.524724	0.922965	-1.08346	0.000190464	0.457457	-2.186	13.8861	3.40143	0.217736	1
cg03886017	0.00789653	1.63217	1.63217	0.00340556	1.77234	1.77234	0.151525	0.801766	-1.24725	0.0447231	1.39279	1.39279	13.7055	4.48711	0.291018	1
cg05043627	0.00155492	0.350185	-2.85564	7.13E-05	0.188235	-5.3125	0.0486745	0.594871	-1.68104	0.00300965	0.391294	-2.55562	13.2103	11.1324	0.749074	1
cg18629527	0.198268	0.73376	-1.36284	0.0319648	0.564273	-1.77219	0.0496699	0.600601	-1.665	0.921495	0.977806	-1.0227	5.54726	4.55447	0.729804	1
cg16073846	0.0346324	2.91102	2.91102	0.877664	1.0691	1.0691	0.203971	1.78881	1.78881	0.437971	1.40943	1.40943	5.04572	15.0365	2.64893	1
cg09002165	0.863183	0.950536	-1.05204	0.279166	1.39495	1.39495	0.00396625	3.30619	3.30619	0.375154	1.30832	1.30832	5.71201	7.65884	1.04287	1
cg06910115	0.00724567	0.528441	-1.89236	0.152133	1.32634	1.32634	0.0207814	1.66925	1.66925	0.58911	0.904484	-1.1056	3.84343	2.06308	0.477138	1
cg18986330	0.000158058	0.57079	-1.75196	0.0936368	0.852142	-1.17351	0.0298982	1.24822	1.24822	0.0107681	0.757269	-1.32054	14.5002	1.72944	0.106018	1
cg07851632	0.305698	0.595349	-1.67969	0.000262833	0.053249	-18.7797	0.445926	1.46217	1.46217	0.0332845	0.296238	-3.37567	8.9426	33.8649	3.36615	1
cg14739664	0.754409	0.857784	-1.16579	0.00555704	5.93401	5.93401	0.00636043	5.67561	5.67561	0.0442388	3.0948	3.0948	4.68965	17.748	3.36401	1
cg07590544	0.28311	0.845853	-1.18224	0.385059	0.87487	-1.14303	0.00370787	1.80142	1.80142	0.302075	0.851729	-1.17408	10.1503	3.62237	0.317222	1
cg24084363	0.00426772	0.555155	-1.8013	0.742401	0.950499	-1.05208	0.0162486	1.5721	1.5721	0.000610328	0.443636	-2.2541	8.84584	3.31934	0.33355	1
cg27375012	0.0519242	1.37911	1.37911	0.704633	1.05691	1.05691	0.442259	0.892371	-1.12061	0.00141128	0.510819	-1.95764	8.00936	2.67958	0.297384	1
cg11310629	0.00437046	1.39712	1.39712	0.0629919	0.832161	-1.20169	0.618531	0.956862	-1.04508	0.000206307	1.72632	1.72632	7.61056	0.930102	0.108633	1
cg07322678	0.004108	0.399502	-2.50312	0.322044	1.27611	1.27611	0.00575835	2.36902	2.36902	0.409875	0.818017	-1.22247	6.23546	5.60986	0.799708	1
cg16380351	0.743958	0.88736	-1.12694	0.232638	0.633571	-1.57835	0.678717	1.16402	1.16402	0.813216	1.09014	1.09014	4.10291	8.63949	1.87173	1
cg02828514	0.680376	1.08434	1.08434	0.0138853	0.552009	-1.81156	0.129982	0.726349	-1.37675	0.0109404	0.535647	-1.8669	3.99658	2.41866	0.53794	1
cg23004327	0.0167828	0.712596	-1.40332	0.0437068	1.3089	1.3089	0.440361	1.09566	1.09566	0.0133988	1.42699	1.42699	3.68004	0.785597	0.189756	1
cg13649728	0.0166202	0.691293	-1.44656	0.000821833	1.88942	1.88942	0.661682	1.05716	1.05716	0.286732	0.869671	-1.14986	32.3475	8.16311	0.224317	1
cg26983317	0.25317	1.08371	1.08371	0.00396918	1.29811	1.29811	2.40E-05	1.76313	1.76313	0.667175	0.97128	-1.02957	16.3995	1.17841	0.0638725	1
cg11060673	0.0160159	0.615389	-1.62499	0.0273594	0.65061	-1.53702	0.754849	1.05293	1.05293	0.774208	0.953741	-1.0485	10.8734	4.66957	0.381732	1
cg07294313	0.951786	0.982507	-1.0178	0.274869	1.39316	1.39316	0.951315	0.982337	-1.01798	0.0818507	0.569631	-1.75552	5.79206	7.81422	1.19922	1
cg10398107	0.00416349	0.487115	-2.0529	0.54687	0.892095	-1.12096	0.281611	1.23315	1.23315	0.82309	1.04283	1.04283	3.52029	1.9556	0.493797	1
cg04382920	0.681714	0.92609	-1.07981	0.00351371	2.08982	2.08982	0.613496	1.09948	1.09948	0.0898389	1.41645	1.41645	3.51317	1.92908	0.488089	1
cg03648734	0.345797	1.1703	1.1703	0.411399	1.14573	1.14573	0.327201	0.848896	-1.178	0.0177983	0.627094	-1.59466	7.18022	2.98315	0.369304	1
cg13557160	0.418603	0.868814	-1.15099	0.145318	0.766383	-1.30483	0.0913327	1.37215	1.37215	0.443404	1.1422	1.1422	25.4421	11.6653	0.407558	1
cg26607031	0.497884	0.769196	-1.30006	0.0492603	0.424931	-2.35332	0.0301822	2.64327	2.64327	0.150894	0.555984	-1.79861	8.7113	20.0623	2.04713	1
cg00490256	0.81281	1.08155	1.08155	0.808011	0.922694	-1.08378	0.0236997	0.399419	-2.50364	0.204126	0.639881	-1.56279	10.2868	15.4759	1.31638	1
cg11826452	0.968922	0.994352	-1.00568	0.444619	1.11995	1.11995	0.563617	0.918629	-1.08858	0.384773	0.878496	-1.13831	6.81273	2.28026	0.297516	1
cg09058554	0.256479	0.502372	-1.99056	0.00305441	0.0945964	-10.5712	0.0372406	0.24526	-4.0773	0.0597926	0.290985	-3.43661	3.53821	18.9302	4.75576	1
cg07775117	0.000891463	0.445592	-2.24421	7.93E-05	0.313975	-3.18497	0.0614311	0.710143	-1.40817	0.00176108	0.484877	-2.06238	17.5507	7.33471	0.371481	1
cg19916794	0.0173087	0.648843	-1.54121	0.0066861	0.591573	-1.69041	0.233784	1.20474	1.20474	0.514456	1.10367	1.10367	8.74101	3.08232	0.313446	1
cg21821674	0.00846365	0.572341	-1.74721	0.0673476	1.40535	1.40535	0.0142228	0.605304	-1.65206	0.117309	0.753981	-1.32629	6.77254	2.95562	0.387922	1
cg03970032	0.145703	0.743864	-1.34433	0.37061	1.19024	1.19024	0.195678	0.771654	-1.29592	0.824739	1.04291	1.04291	6.25257	3.55329	0.505149	1
cg19697725	0.00217804	1.6869	1.6869	0.611658	0.939638	-1.06424	0.000829285	1.84425	1.84425	0.00021974	2.11457	2.11457	18.1571	4.25227	0.208172	1
cg09008187	0.0647219	1.21413	1.21413	0.000655915	0.613649	-1.6296	0.0321059	1.26464	1.26464	0.0326861	0.791567	-1.26332	9.42184	1.30516	0.123133	1
cg00825497	0.691083	1.0253	1.0253	0.000709635	0.724219	-1.3808	0.973407	0.997917	-1.00209	0.446763	1.04971	1.04971	8.62288	0.534428	0.0550915	1
cg19626872	0.0423096	0.762666	-1.31119	0.000127454	0.436219	-2.29243	0.0279543	0.739261	-1.3527	0.0966592	0.810877	-1.23323	7.97504	1.58695	0.15477	1
cg27459281	0.69013	0.940865	-1.06285	0.0829218	1.33917	1.33917	0.412612	0.880369	-1.13589	0.00311733	1.84954	1.84954	6.89271	2.52568	0.325713	1
cg05151395	0.0355915	0.850446	-1.17585	0.346733	1.06627	1.06627	0.0108758	1.23583	1.23583	0.959052	0.996606	-1.00341	8.51273	0.591232	0.0617358	1
cg15754548	0.0439216	1.57102	1.57102	0.134943	1.36942	1.36942	0.826498	0.958078	-1.04376	0.192326	0.763984	-1.30893	5.00715	3.01805	0.535776	1
cg06512910	0.00122546	0.296346	-3.37444	0.000393947	0.234131	-4.27112	0.512735	0.843049	-1.18617	0.453949	0.821867	-1.21674	6.31877	6.61887	0.931106	1
cg01362570	0.0388657	0.6802	-1.47016	0.233999	0.817875	-1.22268	0.151527	0.780659	-1.28097	0.424206	0.876765	-1.14056	4.87625	2.00531	0.365548	1
cg25152631	0.877102	0.9807	-1.01968	0.301125	1.14444	1.14444	0.00975898	1.50916	1.50916	0.639229	1.06126	1.06126	4.39158	1.103	0.223256	1
cg23664775	?	?	?	0.618301	0.953742	-1.0485	0.160726	1.16296	1.16296	0.0153576	1.42832	1.42832	6.50074	0.434819	0.05351	1
cg00892891	0.699366	0.95461	-1.04755	8.20E-09	0.0582039	-17.181	0.860691	1.02125	1.02125	0.000871844	0.550024	-1.8181	82.0313	18.6171	0.201734	1
cg11051899	0.0845104	0.758439	-1.3185	0.0270964	0.684463	-1.461	0.0086425	1.62434	1.62434	0.0715332	1.33856	1.33856	16.5696	5.50991	0.295583	1
cg01770362	0.346877	0.837595	-1.19389	0.0144891	0.576288	-1.73524	0.0896341	1.40827	1.40827	0.236723	1.2546	1.2546	9.30297	4.93204	0.471251	1
cg14755852	0.24848	0.841002	-1.18906	0.056343	0.733322	-1.36366	0.256389	1.18536	1.18536	0.508325	0.908175	-1.10111	8.34482	2.72298	0.290052	1
cg16812174	0.00717434	0.347886	-2.87451	0.000412807	0.18174	-5.50237	0.683558	0.882796	-1.13277	0.00634826	0.339334	-2.94695	8.21805	12.0432	1.30263	1
cg26617611	0.00437327	2.30141	2.30141	0.00402047	0.429017	-2.33091	0.641649	1.10808	1.10808	0.0990576	0.673023	-1.48583	7.96496	6.04875	0.67504	1
cg26801445	0.0156076	0.295334	-3.38599	0.00139492	0.148836	-6.7188	0.112793	0.491606	-2.03415	0.0100336	0.262648	-3.80738	6.6569	17.8415	2.38236	1
cg24917065	0.118486	0.578992	-1.72714	0.00167614	0.234886	-4.25738	0.897778	0.959404	-1.04231	0.0109098	0.356891	-2.80198	6.04073	9.94653	1.46363	1
cg01416724	0.0357762	1.35602	1.35602	0.00680778	1.54818	1.54818	0.584412	0.933463	-1.07128	0.0300848	0.727594	-1.37439	4.2765	1.05255	0.218776	1
cg00669044	0.0288315	0.73853	-1.35404	0.132716	1.21016	1.21016	0.00325641	0.623904	-1.60281	0.457263	0.914831	-1.0931	3.96899	0.869148	0.194653	1
cg26410105	0.0271523	1.21507	1.21507	0.0154152	0.801363	-1.24787	0.82256	1.01687	1.01687	0.00175705	0.717442	-1.39384	8.98348	0.789473	0.078116	1
cg10639933	0.813375	1.06999	1.06999	0.00564284	0.353765	-2.82674	0.273728	0.721927	-1.38518	0.362021	0.764886	-1.30738	7.51881	9.74518	1.15209	1
cg12386437	0.0597536	0.567698	-1.7615	0.00327995	0.343735	-2.90922	0.840522	0.94772	-1.05516	0.211354	0.704033	-1.42039	5.89596	6.6325	0.999932	1
cg20180092	0.00151046	0.323305	-3.09306	0.0627206	1.67761	1.67761	0.703557	0.909874	-1.09905	0.259152	0.747643	-1.33754	5.59225	5.40548	0.859202	1
cg14999291	0.259857	0.503388	-1.98654	0.123112	0.377009	-2.65246	0.0358148	0.240187	-4.16342	0.0496394	0.270389	-3.69838	4.27073	23.0684	4.80133	1
cg20102010	0.744666	1.07413	1.07413	0.037798	1.694	1.694	0.204963	0.746285	-1.33997	0.0135961	0.512686	-1.95051	4.13752	3.13757	0.674063	1
cg03206717	0.713276	0.926864	-1.07891	0.466202	0.858478	-1.16485	0.158753	0.733461	-1.3634	0.202696	0.758242	-1.31884	3.53747	2.3725	0.596159	1
cg24497270	0.000184409	0.326293	-3.06473	1.26E-05	0.196203	-5.09676	0.000269494	0.346736	-2.88404	0.212863	1.26182	1.26182	18.5171	9.2145	0.442329	1
cg09691340	0.00672596	1.91378	1.91378	0.464847	1.14728	1.14728	0.677173	0.925585	-1.0804	6.06E-05	3.92789	3.92789	15.4948	8.3717	0.480259	1
cg20045910	0.000102991	0.182022	-5.49385	0.00609916	2.42901	2.42901	0.000842233	3.47216	3.47216	0.00365996	2.64926	2.64926	14.7276	14.3353	0.865209	1
cg00641632	0.000373136	0.0543573	-18.3968	?	?	?	0.00894169	0.19504	-5.12715	0.536702	1.34492	1.34492	13.767	37.1077	2.69542	1
cg08512882	0.0221362	0.602326	-1.66023	0.00199911	0.446552	-2.23938	0.002199	2.21076	2.21076	0.0590467	1.48281	1.48281	9.52685	5.1526	0.480756	1
cg03192551	0.0346286	2.0923	2.0923	0.00512426	3.02908	3.02908	0.0423868	2.01495	2.01495	0.00818444	2.75693	2.75693	9.48329	13.4906	1.2645	1
cg23623270	0.186147	1.45761	1.45761	0.0235272	0.483279	-2.0692	0.710376	1.10547	1.10547	0.0072666	2.53662	2.53662	7.22631	8.27059	1.01734	1
cg22790777	0.00193102	0.224578	-4.4528	0.00719104	0.306998	-3.25735	0.908446	1.03993	1.03993	0.0904079	0.529907	-1.88712	6.78384	12.4464	1.63086	1
cg20189563	0.0182518	0.442699	-2.25887	0.00325618	0.319498	-3.12991	0.637394	0.873695	-1.14456	0.132658	0.630375	-1.58636	3.80173	4.86989	1.13864	1
cg02923274	0.0461715	0.57974	-1.72491	0.00221026	2.7832	2.7832	0.30896	1.28566	1.28566	0.0843412	0.63403	-1.57721	17.2763	15.5821	0.801719	1
cg20303850	0.341554	0.881484	-1.13445	0.885482	1.01872	1.01872	0.184584	1.19858	1.19858	0.0191488	1.44037	1.44037	15.5949	4.09224	0.233252	1
cg12074252	0.296653	0.758609	-1.3182	0.000596248	0.258469	-3.86894	0.363237	0.787751	-1.26944	0.247306	1.36185	1.36185	8.38312	8.65473	0.917688	1
cg00763151	0.313956	0.751734	-1.33026	0.227273	0.706561	-1.41531	0.392048	1.27162	1.27162	0.837682	1.05782	1.05782	5.63401	6.70043	1.05714	1
cg11088051	0.0461161	0.251418	-3.97744	0.0123903	0.15248	-6.55822	0.014496	0.162067	-6.17029	0.05675	0.271772	-3.67956	4.81945	27.8597	5.13838	1
cg17466598	0.553891	1.08247	1.08247	0.369606	0.8852	-1.12969	0.051077	1.34184	1.34184	0.0339946	1.38753	1.38753	3.87114	1.07379	0.246563	1
cg16871561	0.3404	0.319993	-3.12507	0.030812	0.052801	-18.9391	0.203765	0.211061	-4.73798	0.16538	0.179789	-5.56207	3.79348	80.8071	18.9347	1
cg13505705	0.0805885	1.25526	1.25526	0.3381	0.890612	-1.12282	0.00972621	1.46764	1.46764	0.0993781	1.23603	1.23603	4.30165	0.93762	0.193749	1
cg16667710	0.0826595	1.47187	1.47187	0.0337282	1.64656	1.64656	0.942314	0.985552	-1.01466	0.737908	1.06987	1.06987	4.38458	2.80848	0.569364	1
cg27403989	0.000183694	0.447905	-2.23262	0.000183385	0.447816	-2.23306	0.42497	0.901664	-1.10906	2.53E-06	0.235609	-4.24432	33.5943	8.5879	0.227232	1
cg26365742	0.290962	0.426185	-2.3464	0.00957609	0.0778373	-12.8473	0.0709478	0.208011	-4.80744	0.0233104	0.121265	-8.24638	3.7893	36.3516	8.52731	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07963361	SLC25A40;DBF4;DBF4	0.00196662	0.562322	1.07764	1.07764	0.000294212	0.471022	-2.12304	0.0225263	0.705558	-1.41732	0.149568	0.821007	-1.21802	0.00406583	0.611217	-1.63608	0.0418794	0.741308	-1.34897	0.00402595	1.63751	1.63751	0.0689364	0.7712	-1.29668	0.113268	0.802528	-1.24606	9.68928	2.50026	0.229372	1
cg18159583	SLC25A40;DBF4;DBF4	0.00685377	?	?	?	0.903261	0.972555	-1.02822	0.0180473	1.9702	1.9702	0.146708	1.43389	1.43389	0.43018	1.20305	1.20305	0.00370652	0.389583	-2.56685	0.039595	1.74599	1.74599	0.00231392	2.79864	2.79864	0.161896	1.4124	1.4124	7.79719	5.62803	0.631577	1
cg21898346	SLC25A40;DBF4;DBF4	0.0103402	0.805101	1.05967	1.05967	0.515292	1.16725	1.16725	0.0481407	1.69799	1.69799	0.165985	1.41381	1.41381	0.0504697	0.592993	-1.68636	0.924949	1.02233	1.02233	0.0126634	0.483627	-2.06771	0.00239814	2.69562	2.69562	0.0316558	1.80499	1.80499	5.84763	5.08915	0.773593	1
cg02986546	SLC25A40;SLC25A40;DBF4	0.00388596	0.12369	1.53793	1.53793	0.0332629	1.901	1.901	0.350448	1.28159	1.28159	0.498473	1.1941	1.1941	0.761683	1.08169	1.08169	0.022748	2.02135	2.02135	0.000147687	0.185532	-5.3899	0.719877	1.09742	1.09742	0.642359	1.12832	1.12832	7.9212	8.36048	0.938184	1
cg12096528	SLC25A41	7.56E-06	0.000198809	0.340713	-2.93503	3.12E-05	0.246722	-4.05315	0.000109762	0.309347	-3.23262	0.406474	0.863885	-1.15756	2.74E-05	0.240599	-4.1563	1.14E-05	0.20074	-4.98157	6.93E-07	0.0980818	-10.1956	0.79588	1.04568	1.04568	0.000310307	0.364887	-2.74057	43.6216	20.5087	0.417911	1
cg13742513	SLC25A41	0.000548437	9.03E-05	0.127665	-7.83303	0.00568643	0.344298	-2.90446	0.00677456	0.356426	-2.80563	0.667347	1.13553	1.13553	0.000124903	0.140146	-7.13544	0.34838	0.752917	-1.32817	0.000747845	0.222275	-4.49893	0.589517	0.852042	-1.17365	0.012729	0.402529	-2.48429	13.9281	19.0617	1.21651	1
cg01756647	SLC25A41	0.000846086	5.87E-05	0.120219	-8.31814	0.296423	0.734744	-1.36102	0.00147503	0.270794	-3.69284	0.00234123	0.298396	-3.35125	0.00120763	0.259333	-3.85605	0.00170977	0.279445	-3.57852	0.0744915	0.567939	-1.76075	0.180858	0.667307	-1.49856	0.00758546	0.376166	-2.6584	12.3359	15.837	1.14116	1
cg26851500	SLC25A41	0.00102405	0.0299829	0.597424	-1.67385	0.0265734	0.588395	-1.69954	0.00679854	0.492829	-2.0291	0.448524	0.855702	-1.16863	0.000184116	0.279406	-3.57902	0.685532	0.921148	-1.0856	0.000123694	0.259076	-3.85988	0.909886	1.02311	1.02311	0.00223457	0.421547	-2.37221	11.6875	7.53518	0.573087	1
cg03722901	SLC25A41	0.0133302	0.0359206	0.523466	-1.91034	0.679488	1.11649	1.11649	0.00164743	0.302701	-3.30359	0.0832056	0.601295	-1.66308	0.035893	0.5234	-1.91059	0.878301	0.960175	-1.04148	0.0241662	2.04002	2.04002	0.371542	1.2755	1.2755	0.476854	0.825439	-1.21148	5.38579	6.00014	0.990283	1
cg11857651	SLC25A41	0.0201443	0.017539	0.643428	-1.55418	0.0579431	0.721095	-1.38678	0.0101297	0.609676	-1.64021	0.570475	0.91625	-1.09141	0.00147541	0.496617	-2.01362	0.0329352	0.683492	-1.46307	0.991181	0.998316	-1.00169	0.172245	0.801203	-1.24812	0.134452	0.781768	-1.27915	4.69308	1.72967	0.327606	1
cg11287443	SLC25A42	0.000566822	0.00013478	0.300636	-3.32628	0.950121	1.01144	1.01144	0.000236715	0.330492	-3.02579	0.915528	1.01947	1.01947	0.00320915	0.481369	-2.07741	0.00379307	0.491733	-2.03363	0.00125442	0.424703	-2.35459	0.00773151	0.536919	-1.86248	0.00191635	0.449943	-2.2225	13.8009	7.22159	0.465128	1
cg25612391	SLC25A42	0.0084155	0.0170225	4.25996	4.25996	0.627617	0.78389	-1.27569	0.416648	1.51209	1.51209	0.434378	1.48781	1.48781	0.027344	3.67083	3.67083	0.0634374	2.82816	2.82816	0.000353618	17.4294	17.4294	0.00694382	5.6965	5.6965	0.157918	2.12131	2.12131	6.24369	24.5345	3.49288	1
cg13423282	SLC25A42	0.0349309	0.938022	0.984795	-1.01544	0.328535	1.21981	1.21981	0.760452	1.0621	1.0621	0.400784	1.18465	1.18465	0.837389	1.04132	1.04132	0.280197	1.24753	1.24753	0.000921425	0.377078	-2.65197	0.534737	1.13186	1.13186	0.258058	1.26177	1.26177	3.8699	2.37913	0.54647	1
cg04661001	SLC25A42	0.0474135	0.0519243	4.59042	4.59042	0.0260347	6.17286	6.17286	0.842806	0.872132	-1.14662	0.894292	0.912463	-1.09593	0.424962	1.7532	1.7532	0.158494	2.82561	2.82561	0.00597935	11.894	11.894	0.0141002	8.06704	8.06704	0.361662	1.90813	1.90813	3.45698	25.9971	6.6846	1
cg05895666	SLC25A43	0.00236798	0.00581738	0.337075	-2.9667	0.000837959	0.22025	-4.54029	0.0326254	0.471025	-2.12303	0.858878	0.947826	-1.05505	0.112624	0.594524	-1.68202	0.000106567	0.127583	-7.83806	0.0296635	0.462679	-2.16132	0.119517	0.601329	-1.66298	0.070135	0.543573	-1.83968	9.17724	13.1758	1.27618	1
cg02185190	SLC25A43	0.0251237	0.00999223	0.151915	-6.58265	0.00911723	0.146724	-6.81551	0.0564968	0.286238	-3.4936	0.176785	0.435252	-2.29752	0.00529023	0.118862	-8.41314	0.205425	0.461186	-2.16832	0.0167596	0.184264	-5.42698	0.0406192	0.254198	-3.93394	0.196692	0.453477	-2.20518	4.34976	23.1228	4.72524	1
cg07409400	SLC25A43	0.0306635	0.103321	0.406129	-2.46227	0.0132888	0.211916	-4.71886	0.360879	0.621863	-1.60807	0.264592	0.555407	-1.80048	0.0782805	0.371847	-2.68928	0.282606	1.75885	1.75885	0.0341361	3.49147	3.49147	0.219618	0.520571	-1.92097	0.0642029	2.86278	2.86278	4.05516	16.4271	3.6008	1
cg23682142	SLC25A44	0.000107916	0.275619	0.770903	-1.29718	0.713186	1.08839	1.08839	0.79535	0.942112	-1.06144	0.00242244	0.379532	-2.63483	0.000245402	0.249074	-4.01487	0.000390275	0.27335	-3.65831	0.000159548	0.227551	-4.39461	0.000504169	0.287222	-3.48163	1.14E-05	0.117957	-8.47763	21.6936	18.0833	0.740958	1
cg17030238	SLC25A44	0.000173863	0.00126194	0.361079	-2.76948	9.47E-05	0.222	-4.50451	0.547154	0.87647	-1.14094	0.467023	1.17372	1.17372	2.33E-05	0.160458	-6.23215	0.0088922	0.48651	-2.05546	0.000529999	0.311028	-3.21515	0.777309	0.940477	-1.06329	0.000684288	0.325417	-3.07298	19.0811	14.155	0.659407	1
cg00702877	SLC25A44	0.0179504	0.359827	0.889914	-1.1237	0.423583	0.903707	-1.10655	0.332431	0.883497	-1.13187	0.609402	0.938157	-1.06592	0.000197834	0.460826	-2.17002	0.339857	0.885271	-1.1296	0.177129	0.837183	-1.19448	0.859028	1.02227	1.02227	0.234202	0.856853	-1.16706	4.87965	1.18605	0.216055	1
cg03974275	SLC25A44	0.0450163	0.271197	0.790809	-1.26453	0.0346199	0.603664	-1.65655	0.503021	0.870001	-1.14942	0.528851	0.877462	-1.13965	0.00101964	0.36861	-2.7129	0.166767	0.739313	-1.35261	0.274123	0.792031	-1.26258	0.866174	1.03516	1.03516	0.762138	0.939698	-1.06417	3.52505	2.34362	0.590975	1
cg22368545	SLC25A45;SLC25A45	0.0107322	0.00282322	0.251029	-3.9836	0.155843	0.600348	-1.6657	0.0438794	0.459178	-2.17781	0.0112612	0.34408	-2.9063	0.00320503	0.258733	-3.86499	0.00971442	0.33313	-3.00183	0.1149	0.562088	-1.77908	0.0590366	0.48851	-2.04704	0.00811403	0.320139	-3.12365	5.77818	10.334	1.58974	1
cg01490004	SLC25A45;SLC25A45	0.0498962	0.032746	0.349396	-2.86209	0.432665	1.40081	1.40081	0.564189	0.782406	-1.27811	0.445428	0.720782	-1.38738	0.0190784	0.302928	-3.30112	0.334159	0.657519	-1.52087	0.008043	0.239505	-4.17527	0.771177	1.13061	1.13061	0.0366698	0.359914	-2.77844	3.39081	9.51519	2.49438	1
cg07325562	SLC25A45;SLC25A45;SLC25A45;SLC25A45	0.0226681	0.0133381	0.274516	-3.64278	0.751352	0.874544	-1.14345	0.0166636	0.291508	-3.43044	0.0126615	0.270662	-3.69464	0.594829	1.25404	1.25404	0.291838	0.630509	-1.58602	0.00570883	0.216864	-4.61118	0.40466	1.43271	1.43271	0.118854	0.489744	-2.04188	4.50737	12.695	2.50356	1
cg26660316	SLC25A46	0.000201123	0.000161866	0.216756	-4.61348	0.00578103	0.423749	-2.35989	0.433455	0.827132	-1.209	0.102151	1.52924	1.52924	0.0200078	0.513484	-1.94748	0.00616513	0.428136	-2.3357	1.40E-05	0.116287	-8.59942	0.952121	0.985843	-1.01436	0.000605276	0.284971	-3.50912	18.3433	16.3795	0.793726	1
cg16699331	SLC25A46	0.00164528	0.427908	0.772969	-1.29371	0.0472071	2.05951	2.05951	0.032651	0.451403	-2.21532	0.538556	1.2191	1.2191	0.340364	1.36701	1.36701	0.148235	1.63794	1.63794	0.0299219	0.44365	-2.25403	4.83E-05	0.0877926	-11.3905	0.712068	1.12518	1.12518	10.2039	16.359	1.42508	1
cg12193484	SLC25A46	0.00849203	0.0128387	0.272692	-3.66714	0.511469	0.762597	-1.31131	0.869736	0.93551	-1.06894	0.000206821	0.0637247	-15.6925	0.552453	1.27699	1.27699	0.935483	1.03343	1.03343	0.711268	1.16311	1.16311	0.42013	1.39879	1.39879	0.810035	0.906804	-1.10277	7.11103	18.1839	1.98889	1
cg10994292	SLC25A46	0.0315416	0.15448	0.787302	-1.27016	0.00710132	1.72584	1.72584	0.0727358	1.36905	1.36905	0.0175366	1.5739	1.5739	0.0692402	1.37567	1.37567	0.593793	1.08814	1.08814	0.402696	0.874264	-1.14382	0.631692	1.07872	1.07872	0.0402797	1.45028	1.45028	4.01454	1.56534	0.346594	1
cg02061660	SLC25A46	0.0340615	0.956942	0.986843	-1.01333	0.958851	1.01274	1.01274	0.522804	0.853106	-1.17219	0.877454	1.03858	1.03858	0.00198246	0.342436	-2.92026	0.0091746	0.444149	-2.25149	0.0870172	0.629029	-1.58975	0.420194	1.22387	1.22387	0.535757	0.857422	-1.16629	3.90529	3.72175	0.847113	1
cg16588137	SLC25A4;SLC25A4	0.0251213	0.70064	0.956968	-1.04497	0.0532331	1.2841	1.2841	0.012459	1.42483	1.42483	0.985412	1.00208	1.00208	0.0904352	0.808618	-1.23668	0.104148	0.816852	-1.22421	0.354101	0.897129	-1.11467	0.508418	1.07938	1.07938	0.00801665	1.47233	1.47233	4.3499	0.893185	0.18252	1
cg11017086	SLC26A1	0.0137206	0.0963472	2.27243	2.27243	0.797807	1.12234	1.12234	0.0431026	2.84705	2.84705	0.0636977	0.39172	-2.55284	0.187137	0.533347	-1.87495	0.985638	1.00813	1.00813	0.00549392	5.16142	5.16142	0.00311116	6.16077	6.16077	0.353033	1.53669	1.53669	5.33509	17.0787	2.84551	1
cg08848753	SLC26A1	0.0440873	0.505636	0.884233	-1.13092	0.558237	1.11388	1.11388	0.519792	0.887934	-1.12621	0.374127	0.84689	-1.18079	0.0351863	0.6396	-1.56348	0.259687	0.807199	-1.23885	0.00254029	2.14475	2.14475	0.881717	1.02749	1.02749	0.774253	0.948964	-1.05378	3.55264	1.86705	0.467146	1
cg16868776	SLC26A1	0.0480402	0.111461	1.50779	1.50779	0.00962108	0.460105	-2.17342	0.043827	0.577651	-1.73115	0.0573777	0.601002	-1.66389	0.0518585	0.592125	-1.68883	0.174861	0.710493	-1.40747	0.546835	0.865522	-1.15537	0.560639	1.14955	1.14955	0.28979	0.770861	-1.29725	3.43988	3.05656	0.789836	1
cg16567290	SLC26A10	2.42E-05	0.0649591	1.26482	1.26482	0.0410506	1.30636	1.30636	0.881424	1.01706	1.01706	0.125928	0.828853	-1.20649	0.332734	1.11993	1.11993	0.20047	1.16567	1.16567	3.30E-07	5.37456	5.37456	6.82E-05	2.28386	2.28386	0.461032	1.0888	1.0888	32.2172	6.55684	0.180907	1
cg09696411	SLC26A10	0.000998446	0.0894509	1.56375	1.56375	0.00293676	2.65212	2.65212	0.471149	1.19127	1.19127	0.75291	1.07832	1.07832	0.0100583	2.17186	2.17186	0.00439158	2.47974	2.47974	4.47E-05	6.3315	6.3315	0.000706515	3.42931	3.42931	0.204925	1.37624	1.37624	11.7717	10.6282	0.802543	1
cg26616640	SLC26A10	0.0031399	0.00266498	4.29532	4.29532	0.0546198	2.14879	2.14879	0.0325162	2.40609	2.40609	0.0733817	2.01463	2.01463	0.0277214	2.49166	2.49166	0.00841927	3.25638	3.25638	0.000283402	8.01127	8.01127	0.00125741	5.21897	5.21897	0.0300825	2.4474	2.4474	8.44298	16.4594	1.73287	1
cg20677436	SLC26A10	0.00428653	0.0910803	1.94132	1.94132	0.00977763	3.20397	3.20397	0.330348	1.43049	1.43049	0.52881	1.25537	1.25537	0.0304377	2.47603	2.47603	0.048375	2.23434	2.23434	0.000117785	11.054	11.054	0.00411584	3.9419	3.9419	0.284668	1.48604	1.48604	7.69013	15.4726	1.78845	1
cg10683793	SLC26A10	0.00484564	0.187619	2.43039	2.43039	0.00277813	15.4947	15.4947	0.0364997	4.80087	4.80087	0.0436139	4.45806	4.45806	0.154601	0.378918	-2.63909	0.00118736	24.3473	24.3473	0.981178	1.01498	1.01498	0.25637	2.12045	2.12045	0.00105663	25.9924	25.9924	8.60363	52.9894	4.7903	1
cg14494721	SLC26A10	0.00497579	0.0507884	2.78702	2.78702	0.0030837	6.45984	6.45984	0.0404818	2.97383	2.97383	0.277103	1.6831	1.6831	0.0981106	0.433579	-2.30639	0.146256	2.05104	2.05104	0.00129406	8.66301	8.66301	0.00180295	7.72473	7.72473	0.0754142	2.48851	2.48851	7.34948	24.6932	2.98655	1
cg04963424	SLC26A10	0.0087895	0.0295794	3.27274	3.27274	0.0645407	2.61449	2.61449	0.0267249	3.37029	3.37029	0.0793635	2.46302	2.46302	0.497655	0.72711	-1.37531	0.0548782	2.73938	2.73938	0.0038081	6.08718	6.08718	0.000656726	11.2043	11.2043	0.068507	2.56993	2.56993	6.15841	20.8946	3.01587	1
cg12883767	SLC26A10	0.00905921	0.0616018	1.73973	1.73973	0.0155875	2.18142	2.18142	0.0529793	1.78314	1.78314	0.490603	1.2022	1.2022	0.183155	0.689723	-1.44986	0.0328182	1.92834	1.92834	0.000907348	3.68809	3.68809	0.00592358	2.57719	2.57719	0.136459	1.52494	1.52494	6.09967	6.68217	0.973775	1
cg06631310	SLC26A10	0.0129126	0.149461	1.62394	1.62394	0.645081	0.864592	-1.15662	0.551568	0.827812	-1.208	0.660565	0.870553	-1.14869	0.111569	1.72231	1.72231	0.0554161	1.97608	1.97608	0.000429921	5.74164	5.74164	0.0194839	2.42509	2.42509	0.984094	1.00627	1.00627	5.44212	8.48215	1.38543	1
cg10605137	SLC26A10	0.0136532	0.28662	0.832826	-1.20073	0.052908	1.43864	1.43864	0.999126	0.999819	-1.00018	0.139251	1.30093	1.30093	0.00563388	0.548435	-1.82337	0.784634	0.955723	-1.04633	0.00216733	2.03699	2.03699	0.280827	1.2036	1.2036	0.98373	1.00338	1.00338	5.34371	2.31306	0.384761	1
cg18069290	SLC26A10	0.0149759	0.189772	1.84945	1.84945	0.0592813	2.56691	2.56691	0.562171	0.771471	-1.29623	0.841917	0.915387	-1.09243	0.0346825	2.97475	2.97475	0.0172931	3.60997	3.60997	0.00157263	7.46461	7.46461	0.00775557	4.54425	4.54425	0.941164	0.967849	-1.03322	5.18345	16.0912	2.75942	1
cg22844229	SLC26A10	0.016185	0.0279517	2.45148	2.45148	0.0348143	2.33824	2.33824	0.344142	1.39999	1.39999	0.372107	1.37218	1.37218	0.0178224	2.70348	2.70348	0.0162162	2.76014	2.76014	0.0022156	4.39483	4.39483	0.00492241	3.6193	3.6193	0.169833	1.65677	1.65677	5.05162	9.53835	1.67838	1
cg26124597	SLC26A10	0.0215789	0.160887	0.807135	-1.23895	0.0418477	0.714923	-1.39875	0.124527	0.788256	-1.26862	0.263532	0.846407	-1.18146	0.884645	0.979445	-1.02099	0.396334	1.13232	1.13232	0.0015856	1.91308	1.91308	0.464239	1.11246	1.11246	0.272242	0.849167	-1.17763	4.5842	1.4861	0.288159	1
cg12615879	SLC26A10	0.024843	0.0656805	2.3373	2.3373	0.00333442	5.16647	5.16647	0.0495933	2.5112	2.5112	0.0863663	2.17866	2.17866	0.0241612	3.01913	3.01913	0.0395809	2.66	2.66	0.00812223	4.0265	4.0265	0.032873	2.78939	2.78939	0.367921	1.46249	1.46249	4.36679	11.6842	2.37841	1
cg08820231	SLC26A10	0.0368945	0.434779	1.29725	1.29725	0.00477424	3.39874	3.39874	0.262192	1.46492	1.46492	0.288808	1.43275	1.43275	0.740786	1.11451	1.11451	0.162208	1.62798	1.62798	0.15274	1.64895	1.64895	0.00250419	3.94041	3.94041	0.69541	0.879415	-1.13712	3.79381	6.40805	1.50141	1
cg16577509	SLC26A10	0.0383983	0.733988	0.924321	-1.08187	0.122843	0.679975	-1.47064	0.864783	0.96144	-1.04011	0.443381	1.19758	1.19758	0.0195927	0.521681	-1.91688	?	?	?	0.776739	1.06779	1.06779	0.00618808	2.27889	2.27889	0.257377	1.31351	1.31351	3.7982	2.84622	0.749361	1
cg27043188	SLC26A10	0.0425654	0.0341818	3.05604	3.05604	0.0121277	4.10984	4.10984	0.0653569	2.54733	2.54733	0.83388	1.09958	1.09958	0.943669	1.03246	1.03246	0.0771119	2.4313	2.4313	0.228109	1.7715	1.7715	0.00444333	5.56022	5.56022	0.13639	2.06545	2.06545	3.59942	11.6475	2.87638	1
cg16194319	SLC26A10	0.0477973	0.0073143	0.368033	-2.71715	0.362694	0.763068	-1.3105	0.0461342	1.93569	1.93569	0.0381421	0.499263	-2.00295	0.312863	0.739536	-1.3522	0.0762243	0.565417	-1.76861	0.312197	0.739208	-1.3528	0.76436	1.09078	1.09078	0.973521	1.00964	1.00964	3.44648	4.56019	1.17613	1
cg22135952	SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.0021	0.00678511	0.367412	-2.72174	0.949879	0.98222	-1.0181	0.631759	1.14775	1.14775	0.387834	0.776778	-1.28737	2.62E-05	0.0930615	-10.7456	0.703043	0.896452	-1.11551	0.542092	0.838512	-1.19259	0.786012	0.925275	-1.08076	0.462485	0.807786	-1.23795	9.50567	12.2621	1.14665	1
cg06149904	SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.0115501	0.47227	0.894616	-1.1178	0.000842751	0.465463	-2.1484	0.168569	0.799745	-1.2504	0.601297	0.922835	-1.08362	0.00300902	0.538162	-1.85818	0.650368	0.932859	-1.07197	0.22236	1.21571	1.21571	0.515754	1.10558	1.10558	0.0585884	0.722211	-1.38464	5.64292	2.07341	0.32661	1
cg24422283	SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.014457	0.416459	1.23332	1.23332	0.992778	1.00229	1.00229	0.0880304	0.621653	-1.60861	0.735808	1.08928	1.08928	0.00296565	0.357084	-2.80046	0.00201625	0.332855	-3.00431	0.273351	1.33356	1.33356	0.259841	1.34555	1.34555	0.64236	0.888611	-1.12535	5.24414	5.29586	0.897655	1
cg23360656	SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.0262229	0.470683	1.13078	1.13078	0.0423384	0.675952	-1.47939	0.312302	1.19131	1.19131	0.286084	1.20388	1.20388	0.00162829	2.12993	2.12993	0.335818	1.18083	1.18083	0.0461587	1.46616	1.46616	0.0838642	1.37766	1.37766	0.905303	1.02013	1.02013	4.28527	1.90376	0.394895	1
cg25424571	SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.0364162	0.00808364	0.660924	-1.51303	0.0812854	1.2661	1.2661	0.0765659	0.786232	-1.27189	0.467289	0.913654	-1.09451	0.514267	1.0841	1.0841	0.00968352	0.670577	-1.49125	0.517972	0.9231	-1.08331	0.389716	0.897977	-1.11361	0.149906	0.828233	-1.20739	3.81187	0.899866	0.209839	1
cg03529358	SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.0448453	0.763726	1.10664	1.10664	0.00344414	0.263074	-3.80121	0.0164047	0.3731	-2.68025	0.175991	1.62193	1.62193	0.429737	0.762661	-1.3112	0.749394	1.11374	1.11374	0.25852	0.672819	-1.48628	0.533813	1.23592	1.23592	0.576142	0.827089	-1.20906	3.53007	6.3169	1.59063	1
cg10826338	SLC26A11;SLC26A11;SLC26A11;SLC26A11;SGSH	0.0251128	0.0186646	0.217	-4.60829	0.00320369	0.115772	-8.6377	0.0141133	0.197241	-5.06994	0.0518411	0.30553	-3.273	0.056292	0.314022	-3.18449	0.135761	0.422516	-2.36678	0.0367901	0.272566	-3.66884	0.0447269	0.290886	-3.43777	0.0402527	0.280858	-3.56052	4.35041	19.7865	4.04284	1
cg25561754	SLC26A11;SLC26A11;SLC26A11;SLC26A11;SGSH	0.0387464	0.306162	0.739293	-1.35264	0.453774	1.24305	1.24305	0.629519	0.870591	-1.14864	0.77536	1.08499	1.08499	0.0075284	0.375126	-2.66577	0.0272058	0.474628	-2.10691	0.00992903	0.395138	-2.53076	0.0483107	0.525554	-1.90275	0.170021	0.659241	-1.5169	3.72649	4.79723	1.14429	1
cg25863369	SLC26A11;SLC26A11;SLC26A11;SLC26A11;SLC26A11;SLC26A11;SLC26A11;SGSH	0.000142877	0.788227	1.01456	1.01456	0.000182297	0.711957	-1.40458	0.117197	0.912697	-1.09565	0.693507	1.02149	1.02149	0.0411071	1.13486	1.13486	0.198978	1.07558	1.07558	4.54E-06	0.568085	-1.7603	0.328466	1.05564	1.05564	0.125201	0.914765	-1.09318	20.1189	0.918178	0.0405668	1
cg24226891	SLC26A1;IDUA	0.0011022	0.824399	1.02676	1.02676	0.00142771	1.72994	1.72994	0.175556	1.18665	1.18665	0.386099	1.11134	1.11134	0.551879	0.930985	-1.07413	0.256892	0.868844	-1.15095	6.68E-05	0.419764	-2.38229	0.770545	1.03536	1.03536	0.0153564	0.702235	-1.42403	11.4458	2.55891	0.198727	1
cg09153458	SLC26A1;IDUA	0.0264749	0.629902	0.905863	-1.10392	0.111232	1.42374	1.42374	0.818693	0.954323	-1.04786	0.661399	0.914166	-1.09389	0.144881	0.727004	-1.37551	0.544026	1.1332	1.1332	0.00234193	0.421104	-2.37471	0.0225164	1.74444	1.74444	0.299142	0.803224	-1.24498	4.27096	2.80469	0.583723	1
cg05208196	SLC26A1;IDUA;SLC26A1;SLC26A1	0.0254574	0.0112598	0.494669	-2.02155	0.0943384	0.66517	-1.50337	0.536629	0.870475	-1.1488	0.846257	1.04398	1.04398	0.0023512	0.390243	-2.5625	0.0534354	0.614865	-1.62637	0.378033	1.22203	1.22203	0.806814	0.947133	-1.05582	0.310619	1.26185	1.26185	4.32982	3.37033	0.691911	1
cg20540378	SLC26A2	0.00655549	0.115746	0.764231	-1.3085	0.000777129	2.22495	2.22495	0.134279	1.28911	1.28911	0.0156544	0.627519	-1.59358	0.689103	0.938711	-1.06529	0.902679	0.980945	-1.01942	0.0168616	0.632209	-1.58175	0.210607	0.812644	-1.23055	0.341676	1.16659	1.16659	6.75154	2.64478	0.348205	1
cg02515800	SLC26A2	0.00714629	0.602948	1.13558	1.13558	0.393192	0.809036	-1.23604	0.0128109	0.472837	-2.11489	0.00361621	2.59659	2.59659	0.00164692	0.335647	-2.97932	0.446972	0.828787	-1.20658	0.673395	1.10817	1.10817	0.0962233	0.642395	-1.55667	0.114033	0.659337	-1.51668	6.57257	6.11028	0.826368	1
cg24857795	SLC26A2	0.018464	0.105166	0.695409	-1.438	0.0127546	0.530009	-1.88676	0.5357	1.13732	1.13732	0.696936	1.08361	1.08361	0.171459	1.34812	1.34812	0.205429	0.760268	-1.31533	0.0060664	2.08596	2.08596	0.0240105	0.575588	-1.73735	0.829102	0.956618	-1.04535	4.83353	3.22243	0.592607	1
cg19644351	SLC26A2	0.0227899	0.011248	1.40278	1.40278	0.078443	1.23163	1.23163	0.0918905	1.21868	1.21868	0.0125964	1.39188	1.39188	0.361034	1.10525	1.10525	0.0101978	1.41235	1.41235	0.0415775	1.28457	1.28457	0.0312269	1.30919	1.30919	0.00640715	1.45939	1.45939	4.49906	0.809412	0.159917	1
cg13237906	SLC26A2	0.0306129	0.169386	1.16919	1.16919	0.413841	0.914667	-1.09329	0.0817578	1.2287	1.2287	0.136452	1.18686	1.18686	0.46356	1.08292	1.08292	0.69015	0.958117	-1.04371	0.00939839	0.703575	-1.42131	0.0191311	0.738783	-1.35358	0.169516	1.16912	1.16912	4.05755	0.732635	0.160498	1
cg26354587	SLC26A2	0.0363034	0.00216811	0.258995	-3.86108	0.102078	1.75371	1.75371	0.073145	1.87269	1.87269	0.923331	0.970233	-1.03068	0.753041	0.905664	-1.10416	0.657952	0.869462	-1.15014	0.961753	0.985058	-1.01517	0.251327	0.686435	-1.4568	0.218483	1.5013	1.5013	3.81618	5.95641	1.38741	1
cg18455283	SLC26A2;SLC26A2	0.0100607	0.0162795	0.535669	-1.86682	0.00467943	0.449827	-2.22308	0.620345	1.11193	1.11193	0.180049	0.738966	-1.35324	0.553477	0.880415	-1.13583	0.6871	0.917562	-1.08984	0.133286	1.41072	1.41072	0.0495532	1.60975	1.60975	0.00761397	2.07327	2.07327	5.89918	4.21791	0.635554	1
cg16709217	SLC26A3	3.06E-05	7.52E-05	0.357023	-2.80094	0.00051706	0.460066	-2.1736	0.00194208	0.53347	-1.87452	4.55E-05	0.331186	-3.01945	9.00E-05	0.366402	-2.72924	0.956978	1.00776	1.00776	2.08E-06	0.1875	-5.33333	0.347363	0.8705	-1.14876	0.022777	0.676629	-1.47792	30.3117	9.86251	0.289218	1
cg12651599	SLC26A3	0.000415902	0.18332	1.65491	1.65491	0.64583	0.847802	-1.17952	0.015252	0.345373	-2.89542	0.000237672	0.113941	-8.77651	0.00570966	0.274384	-3.64453	0.00169362	0.201831	-4.95464	2.79E-05	0.0526939	-18.9775	0.944081	1.02534	1.02534	0.141113	0.568508	-1.75899	15.0376	30.3208	1.7923	1
cg18560240	SLC26A3	0.00824304	0.157054	0.622722	-1.60585	0.421604	0.773412	-1.29297	0.185027	0.644069	-1.55263	0.0144511	0.389321	-2.56858	0.000308459	0.159929	-6.25276	0.0413413	2.0886	2.0886	0.728677	0.896738	-1.11515	0.766988	1.09747	1.09747	0.566762	0.834249	-1.19868	6.28462	9.75016	1.37905	1
cg22054793	SLC26A4	4.31E-05	0.048042	0.720502	-1.38792	0.786743	1.04012	1.04012	2.37E-05	0.294277	-3.39816	0.431158	0.889987	-1.12361	9.29E-05	0.363658	-2.74984	0.00083571	0.482276	-2.0735	2.90E-06	0.197666	-5.05905	0.00431855	0.574985	-1.73918	0.00106882	0.495954	-2.01632	27.691	9.22789	0.296218	1
cg06535968	SLC26A4	0.0355041	0.242871	0.611186	-1.63616	0.0780735	0.454429	-2.20057	0.00873194	0.260276	-3.84208	0.03258	0.365054	-2.73932	0.00569338	0.232015	-4.31007	0.0976858	0.480918	-2.07936	0.0158111	0.303882	-3.29075	0.311444	0.655812	-1.52483	0.126322	0.5136	-1.94704	3.84715	9.88925	2.28492	1
cg23299109	SLC26A4;LOC286002	0.00108058	0.00117793	4.56321	4.56321	0.0018766	4.04677	4.04677	0.0831439	1.792	1.792	0.0137587	2.56785	2.56785	0.00054113	5.65969	5.65969	0.000265793	7.01768	7.01768	0.00198751	3.98895	3.98895	0.000525384	5.7084	5.7084	0.0342962	2.1325	2.1325	13.9847	19.4209	1.08012	1
cg00906644	SLC26A4;LOC286002	0.0022436	0.430908	0.906126	-1.1036	0.865323	1.02103	1.02103	0.191567	0.844058	-1.18475	0.278084	0.870837	-1.14832	0.002459	0.59661	-1.67614	0.467795	0.913393	-1.09482	0.0159111	0.696254	-1.43626	0.000314472	2.04638	2.04638	0.0313395	1.36299	1.36299	9.32357	2.22022	0.211671	1
cg05356496	SLC26A4;LOC286002	0.0344583	0.0416315	3.8229	3.8229	0.0273256	4.4406	4.4406	0.180142	2.25388	2.25388	0.201065	2.16176	2.16176	0.0303901	4.27535	4.27535	0.0280029	4.40194	4.40194	0.00579596	7.87361	7.87361	0.0199326	4.97302	4.97302	0.0499243	3.58445	3.58445	3.889	20.0771	4.58892	1
cg08718398	SLC26A4;LOC286002	0.0353302	0.483693	0.865258	-1.15573	0.0322086	1.66539	1.66539	0.562434	1.12646	1.12646	0.322197	1.23114	1.23114	0.316317	0.810056	-1.23448	0.377429	0.831807	-1.2022	0.00180541	0.40562	-2.46536	0.772248	0.942697	-1.06079	0.901289	1.02555	1.02555	3.854	2.52364	0.582053	1
cg23924438	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.0016368	0.0176548	0.184281	-5.42651	2.16E-05	0.00670298	-149.187	0.70749	0.801817	-1.24717	0.10448	0.353498	-2.82887	0.0124336	0.161575	-6.18908	0.304716	0.536435	-1.86416	0.0131407	0.164986	-6.06113	0.16887	0.423595	-2.36075	0.210788	0.461798	-2.16545	10.2191	55.5703	4.83368	1
cg11583392	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.00267169	0.0027479	0.216271	-4.62383	0.386872	0.719887	-1.38911	0.124694	0.54015	-1.85134	0.00562055	0.260037	-3.84561	0.00101818	0.164421	-6.08194	0.0213827	0.358942	-2.78596	0.0012569	0.174616	-5.72684	0.000959198	0.161608	-6.18781	0.0393861	0.413505	-2.41835	8.85692	19.2593	1.93288	1
cg11706635	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.00347546	0.00508228	0.327948	-3.04926	0.975296	1.00937	1.00937	0.0814516	0.559124	-1.78851	0.0619883	0.531183	-1.88259	0.000104937	0.127042	-7.87144	0.0261955	0.452022	-2.21228	0.00542111	0.332312	-3.00922	0.370349	0.758106	-1.31908	0.112123	0.59406	-1.68333	8.19103	11.7566	1.27583	1
cg23121766	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.00571287	0.907948	0.980201	-1.0202	0.000987456	0.428922	-2.33142	0.0254921	0.631939	-1.58243	0.00251909	2.06521	2.06521	0.535489	1.11459	1.11459	0.350178	1.18088	1.18088	0.454443	1.1408	1.1408	0.163041	0.773041	-1.29359	0.213543	0.797357	-1.25414	7.04484	3.33506	0.420804	1
cg09492887	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.0396821	0.0389989	6.50781	6.50781	0.0184304	9.40444	9.40444	0.0779945	4.64192	4.64192	0.152109	3.32879	3.32879	0.0256316	7.99047	7.99047	0.100839	4.09058	4.09058	0.00823684	14.1422	14.1422	0.0428961	6.2128	6.2128	0.0304411	7.3444	7.3444	3.69397	35.949	8.65049	1
cg14508633	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.0471799	0.39979	0.574218	-1.7415	0.0144515	0.143726	-6.95766	0.187835	0.40728	-2.45531	0.0244023	0.177965	-5.61909	0.0970982	0.309767	-3.22824	0.0166528	0.152351	-6.56379	0.0238779	0.176409	-5.66864	0.0304849	0.194655	-5.1373	0.0822395	0.289654	-3.45239	3.46342	22.7211	5.83137	1
cg14840664	SLC26A6;SLC26A6;SLC26A6	0.00512798	0.318812	0.876373	-1.14107	0.880026	0.980841	-1.01953	0.49542	1.09271	1.09271	0.303976	1.1461	1.1461	0.458682	1.10147	1.10147	0.159309	0.824775	-1.21245	0.000137298	0.429715	-2.32712	0.037915	1.36109	1.36109	0.29173	1.15041	1.15041	7.28215	1.89206	0.230952	1
cg17393362	SLC26A6;SLC26A6;SLC26A6	0.00817185	0.0263585	0.559498	-1.78732	0.6322	1.11219	1.11219	0.0910238	1.50752	1.50752	0.548988	1.14305	1.14305	0.141237	0.70549	-1.41745	0.00850575	0.476878	-2.09697	0.0271688	0.561841	-1.77986	0.004541	2.30157	2.30157	0.160157	1.39218	1.39218	6.30183	4.85234	0.684435	1
cg14012610	SLC26A6;SLC26A6;SLC26A6	0.0103048	0.175686	0.847234	-1.18031	0.0207657	1.37779	1.37779	0.248356	0.870288	-1.14904	0.162563	1.18726	1.18726	0.00669593	0.667014	-1.49922	0.271281	0.876465	-1.14095	0.00199808	0.605125	-1.65255	0.166557	0.84382	-1.18509	0.699764	1.04562	1.04562	5.85406	1.22896	0.186606	1
cg20068074	SLC26A6;SLC26A6;SLC26A6;SLC26A6	0.00583773	0.0401233	0.790872	-1.26443	0.147069	1.16641	1.16641	0.185642	1.14893	1.14893	0.54023	1.06326	1.06326	0.000162998	0.529221	-1.88957	0.575071	0.945511	-1.05763	0.387917	1.09149	1.09149	0.563738	1.05943	1.05943	0.413162	1.08628	1.08628	6.99809	1.08459	0.137764	1
cg07466493	SLC26A6;SLC26A6;SLC26A6;SLC26A6	0.00916943	0.00192423	0.291104	-3.4352	0.0618408	0.553725	-1.80595	0.114045	0.616816	-1.62123	0.657004	1.13384	1.13384	0.0232174	0.46644	-2.1439	0.0131156	0.421196	-2.37419	0.00357643	0.329845	-3.03172	0.0577351	0.547118	-1.82776	0.00712101	0.37643	-2.65653	6.07628	7.60236	1.11214	1
cg19209507	SLC26A6;SLC26A6;SLC26A6;SLC26A6	0.0100017	0.135467	0.72721	-1.37512	0.0752354	0.675606	-1.48015	0.00314523	0.449739	-2.22351	0.178394	0.753478	-1.32718	0.0211829	0.57777	-1.73079	0.181124	1.32454	1.32454	0.00871203	1.93811	1.93811	0.64276	0.911675	-1.09688	0.0696982	0.669258	-1.49419	5.91029	3.66845	0.551723	1
cg23189639	SLC26A6;SLC26A6;SLC26A6;SLC26A6	0.0106217	0.0930308	0.633645	-1.57817	0.00176548	0.332927	-3.00366	0.0011767	0.308695	-3.23944	0.303454	0.768604	-1.30106	0.07273	0.60998	-1.6394	0.048882	0.573877	-1.74253	0.373245	1.2532	1.2532	0.337987	0.783575	-1.2762	0.0346969	0.544474	-1.83663	5.79744	5.59796	0.858303	1
cg16012773	SLC26A7;SLC26A7	0.000149935	0.263143	1.17497	1.17497	0.0135261	1.52571	1.52571	0.357892	0.8775	-1.1396	4.36E-05	0.342298	-2.92143	1.22E-05	0.279034	-3.58379	0.720153	1.05098	1.05098	0.243202	1.18387	1.18387	0.747427	0.956324	-1.04567	0.0753763	0.760618	-1.31472	19.8592	6.00849	0.268937	1
cg15782984	SLC26A8	0.0128757	0.454608	0.832283	-1.20151	0.00805187	0.441229	-2.2664	0.0510772	0.58536	-1.70835	0.819087	1.05677	1.05677	0.178442	0.708513	-1.41141	0.826294	0.948403	-1.0544	0.00494425	0.407718	-2.45268	0.381897	0.805612	-1.24129	0.000942617	0.304568	-3.28333	5.4472	5.01199	0.817869	1
cg10552964	SLC26A8;SLC26A8	0.000430991	0.000980321	0.378966	-2.63876	4.84E-05	0.220247	-4.54036	0.00166116	0.410372	-2.43682	0.274554	1.25238	1.25238	0.00057329	0.348062	-2.87305	0.929141	1.01776	1.01776	0.00393534	0.463961	-2.15535	0.660433	1.09146	1.09146	0.0289346	0.600614	-1.66496	14.8903	9.24105	0.55165	1
cg20132791	SLC26A8;SLC26A8	0.00123261	0.000158461	4.00203	4.00203	0.00710425	2.10997	2.10997	0.258694	1.28791	1.28791	0.916123	1.02288	1.02288	0.000438268	3.29592	3.29592	0.0109233	1.98555	1.98555	0.267221	1.28167	1.28167	0.00125467	2.74973	2.74973	0.00656172	2.13416	2.13416	11.0866	8.09406	0.648958	1
cg22563907	SLC26A8;SLC26A8	0.0168323	0.303283	0.67696	-1.47719	0.232781	1.58062	1.58062	0.553321	1.24535	1.24535	0.717325	0.875438	-1.14229	0.000654986	0.147937	-6.75962	0.0128153	0.322683	-3.09902	0.318017	0.685473	-1.45885	0.84141	0.929319	-1.07606	0.088268	0.502476	-1.99014	4.98598	10.5721	1.88478	1
cg15674432	SLC26A8;SLC26A8	0.0176568	0.00529884	3.99548	3.99548	0.00442966	4.18441	4.18441	0.487024	1.30495	1.30495	0.176498	1.7187	1.7187	0.0935702	2.00391	2.00391	0.0479007	2.34539	2.34539	0.0250385	2.73137	2.73137	0.00390013	4.32565	4.32565	0.107586	1.93845	1.93845	4.90676	11.0397	1.99991	1
cg23807646	SLC26A8;SLC26A8	0.0263285	0.0488621	2.48793	2.48793	0.0192462	3.15	3.15	0.857285	1.07567	1.07567	0.143471	1.89081	1.89081	0.0401396	0.382534	-2.61415	0.421306	0.716858	-1.39498	0.010322	0.269977	-3.70402	0.647923	0.830025	-1.20478	0.861158	0.931521	-1.07351	4.27925	11.1279	2.31149	1
cg25123266	SLC26A8;SLC26A8	0.0439723	0.152588	3.13659	3.13659	0.0207617	7.98029	7.98029	0.0200245	8.1174	8.1174	0.0682465	4.58737	4.58737	0.857352	1.14367	1.14367	0.0385617	5.97735	5.97735	0.0291325	6.80956	6.80956	0.022922	7.61747	7.61747	0.031351	6.58072	6.58072	3.5561	31.3524	7.83688	1
cg15117372	SLC26A8;SLC26A8;SLC26A8	0.0239781	0.0311746	6.42237	6.42237	0.0294783	6.58946	6.58946	0.136985	3.24818	3.24818	0.138184	3.2348	3.2348	0.0288606	6.65388	6.65388	0.0397672	5.74502	5.74502	0.00312014	19.5456	19.5456	0.00901653	11.4917	11.4917	0.0546968	4.96664	4.96664	4.4208	37.869	7.61432	1
cg05064852	SLC26A9;SLC26A9	9.55E-05	0.000392522	0.403855	-2.47614	0.000343939	0.396567	-2.52164	1.54E-05	0.238018	-4.20137	0.00546728	0.556268	-1.7977	0.00750236	0.57556	-1.73744	0.417666	0.875511	-1.14219	6.69E-05	0.30959	-3.23008	0.34169	0.854477	-1.17031	7.55E-05	0.31577	-3.16687	22.4123	9.14598	0.362737	1
cg04292976	SLC26A9;SLC26A9	0.000389843	0.000266883	0.309617	-3.2298	0.000132805	0.273021	-3.66272	0.0156884	0.559768	-1.78645	0.00625171	0.497516	-2.00998	4.59E-05	0.221191	-4.52097	0.00709685	0.505859	-1.97683	0.00434574	0.473962	-2.10987	0.519765	0.87999	-1.13638	0.0400421	0.628184	-1.59189	15.3083	9.30659	0.540393	1
cg21828629	SLC26A9;SLC26A9	0.000905293	0.0615711	0.681457	-1.46745	0.00667009	0.526726	-1.89852	6.15E-05	0.260176	-3.84356	0.0347372	0.638714	-1.56565	0.0407163	0.650308	-1.53773	0.0480676	0.662633	-1.50913	0.105324	0.724484	-1.38029	0.000106439	0.287726	-3.47553	0.00929968	0.548275	-1.8239	12.1026	6.3584	0.466998	1
cg11335179	SLC26A9;SLC26A9	0.00131251	0.0373136	0.761557	-1.3131	0.0198797	0.728455	-1.37277	4.08E-05	0.413863	-2.41626	0.95854	1.00588	1.00588	0.0135222	0.708573	-1.41129	0.887306	0.984146	-1.01611	0.0158366	1.39529	1.39529	0.218162	0.864167	-1.15718	0.140905	0.836533	-1.19541	10.8892	2.19061	0.178821	1
cg16003790	SLC26A9;SLC26A9	0.00194647	0.000883584	0.212703	-4.70139	0.145283	0.615218	-1.62544	0.00309036	0.284321	-3.51715	0.0195838	0.416392	-2.40158	0.000333118	0.165573	-6.03965	0.00826602	0.350287	-2.8548	0.0333405	0.461869	-2.16512	0.00111857	0.22521	-4.44031	0.0281278	0.446895	-2.23766	9.71838	14.8499	1.35824	1
cg13172432	SLC26A9;SLC26A9	0.0187276	0.0131192	0.302512	-3.30565	0.00911816	0.275951	-3.62383	0.00440686	0.228221	-4.38171	0.046311	0.411802	-2.42835	0.0119925	0.295777	-3.38093	0.0489317	0.417309	-2.3963	0.0886884	0.481961	-2.07486	0.0449865	0.408929	-2.44541	0.0326527	0.378452	-2.64234	4.81047	11.5095	2.12675	1
cg05122040	SLC26A9;SLC26A9	0.0233923	0.0282414	0.307874	-3.24809	0.00477584	0.182042	-5.49323	0.00799269	0.213115	-4.69231	0.140876	0.486623	-2.05498	0.021486	0.284763	-3.51169	0.169566	0.51406	-1.9453	0.0184276	0.272467	-3.67017	0.70158	0.839382	-1.19135	0.0335336	0.323252	-3.09356	4.45877	14.6039	2.9114	1
cg22803827	SLC27A1	0.00146881	0.308085	1.05824	1.05824	0.00156153	1.27621	1.27621	0.234408	1.06916	1.06916	0.814446	1.01269	1.01269	0.628965	1.02647	1.02647	0.0100726	1.19034	1.19034	0.000111234	0.694422	-1.44005	0.576412	1.03074	1.03074	0.259159	1.0652	1.0652	10.5431	0.480684	0.0405263	1
cg13418196	SLC27A1	0.00302764	0.185879	1.25891	1.25891	0.0025634	1.98683	1.98683	0.0173221	1.6093	1.6093	0.718072	1.06132	1.06132	0.0180726	0.624141	-1.6022	0.315121	1.18591	1.18591	0.795218	0.958202	-1.04362	0.000775122	0.433835	-2.30502	0.161342	1.27832	1.27832	8.53487	3.64256	0.379365	1
cg16614288	SLC27A1	0.00315194	0.0137647	4.05578	4.05578	0.00286356	6.59604	6.59604	0.0168505	3.82172	3.82172	0.0183896	3.72541	3.72541	0.0036921	6.07456	6.07456	0.0128569	4.13844	4.13844	0.000512703	12.1058	12.1058	0.00274842	6.68539	6.68539	0.0195582	3.65918	3.65918	8.43337	28.2346	2.97597	1
cg15471825	SLC27A1	0.0124712	0.744144	1.09198	1.09198	0.00581117	2.63967	2.63967	0.00865363	2.4579	2.4579	0.157988	0.666584	-1.50019	0.00822578	0.403211	-2.48009	0.868652	1.04547	1.04547	0.16522	0.671842	-1.48845	0.198566	1.4406	1.4406	0.638082	1.13576	1.13576	5.50416	6.29352	1.01636	1
cg22333846	SLC27A1	0.0134555	0.0375126	0.433016	-2.30938	0.00698657	3.35305	3.35305	0.0341468	2.35671	2.35671	0.998644	0.999411	-1.00059	0.0447524	0.449799	-2.22322	0.337172	1.40937	1.40937	0.0305316	2.41442	2.41442	0.176018	0.607196	-1.64692	0.0926507	1.8997	1.8997	5.36932	10.2265	1.69299	1
cg18499060	SLC27A1	0.0138119	0.691592	0.933457	-1.07129	0.000702769	0.409781	-2.44033	0.987822	0.997368	-1.00264	0.219101	0.799951	-1.25008	0.766073	0.949778	-1.05288	0.255043	0.814463	-1.2278	0.00757335	1.80987	1.80987	0.957215	1.00931	1.00931	0.9904	1.00208	1.00208	5.32349	2.51467	0.419887	1
cg15424054	SLC27A1	0.0167907	0.439242	0.915918	-1.0918	0.878004	1.01725	1.01725	0.0167972	1.38385	1.38385	0.0390568	0.766505	-1.30462	0.345467	0.897471	-1.11424	0.00445937	1.52545	1.52545	0.0462918	0.775567	-1.28938	0.24968	0.874645	-1.14332	0.306693	1.12504	1.12504	4.99011	0.97959	0.174495	1
cg16664617	SLC27A1	0.0221906	0.00780257	0.181923	-5.49684	0.289962	0.578094	-1.72982	0.144167	2.18769	2.18769	0.603947	1.29838	1.29838	0.00508634	0.157606	-6.34492	0.0429675	0.312799	-3.19694	0.183924	2.02054	2.02054	0.25082	0.549519	-1.81977	0.282392	0.572715	-1.74607	4.54048	17.9037	3.50502	1
cg21756027	SLC27A1	0.0238968	0.409695	1.98159	1.98159	0.451858	1.86213	1.86213	0.684985	1.3921	1.3921	0.17873	0.313874	-3.18599	0.332641	2.24938	2.24938	0.196686	3.02589	3.02589	0.000627729	0.0140616	-71.1156	0.934318	0.935328	-1.06914	0.866583	0.872506	-1.14612	4.426	46.1197	9.26239	1
cg15429854	SLC27A1	0.0244473	0.136579	0.788133	-1.26883	0.156669	0.791227	-1.26386	0.34389	0.860098	-1.16266	0.291286	1.18444	1.18444	0.825561	1.03471	1.03471	0.545823	1.0991	1.0991	0.00141717	2.04198	2.04198	0.976947	0.995544	-1.00448	0.818731	1.24125	1.24125	3.90173	1.47643	0.336359	1
cg08220872	SLC27A1	0.0447906	0.201793	0.579247	-1.72638	0.00933307	3.80287	3.80287	0.0375364	2.65801	2.65801	0.480939	1.33672	1.33672	0.123426	0.508642	-1.96602	0.667601	1.19126	1.19126	0.72072	0.864657	-1.15653	0.0269755	2.88941	2.88941	0.523541	1.29938	1.29938	3.53168	9.17922	2.31031	1
cg05028946	SLC27A2;SLC27A2	0.00753558	0.454174	0.729323	-1.37113	0.892059	0.945342	-1.05782	0.121504	0.499074	-2.00371	0.0526651	0.401737	-2.48919	0.155307	1.03385	1.03385	0.0370852	0.367088	-2.72414	0.000104296	0.0584324	-17.1138	0.267229	0.619708	-1.61366	[illegible]	[illegible]	[illegible]	[illegible]	17.5475	2.42267	1
cg25150243	SLC27A2;SLC27A2	0.0194155	0.0371875	0.438116	-2.28252	0.0233802	3.32398	3.32398	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.000434549	5.12155	5.12155	0.000236885	0.0698457	-14.3173	0.0252744	0.188235	-5.31252	0.958976	0.96822	-1.03282	0.427576	0.601371	-1.66287	4.75214	29.6672	5.59426	1
cg02726943	SLC27A2;SLC27A2	0.0213515	0.0650965	0.60868	-1.6429	0.281186	0.764534	-1.30799	0.0581729	0.579804	-1.72473	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.399032	0.813048	-1.22994	0.748807	1.08006	1.08006	0.00106234	3.18995	3.18995	0.645301	1.11751	1.11751	4.60086	4.18702	0.808935	1
cg24717159	SLC27A2;SLC27A2	0.0450435	0.122686	0.159267	-6.27876	0.557788	1.42688	1.42688	0.200264	2.69303	2.69303	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00161412	SLC27A2;SLC27A2;SLC27A2;SLC27A2	0.0146877	0.549155	1.13446	1.13446	0.883037	0.969408	-1.03156	0.562735	1.1316	1.1316	0.727508	1.07662	1.07662	0.0191642	1.81882	1.81882	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16247817	SLC27A3	0.0118722	0.274056	0.603519	-1.65695	0.444755	1.41291	1.41291	0.87539	[illegible]	-1.07211	0.153424	0.507525	-1.97035	0.5514	0.65571	-1.52506	0.219859	0.564173	-1.77251	0.000144482	0.0547818	-18.2542	0.301993	0.622233	-1.60711	0.659919	0.821628	-1.2171	[illegible]	17.4373	2.77134	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00421624	SLC27A3	0.0246149	0.00676904	0.140296	-7.12778	0.770232	0.848848	-1.17807	0.169185	0.440619	-2.26954	0.11699	0.38564	-2.59309	0.0589667	0.30322	-3.29794
cg11804721	SLC27A3	0.0292033	0.0305082	0.233589	-4.28103	0.0220137	0.207799	-4.81234	0.0379812	0.252553	-3.95957	0.362126	0.585202	-1.70881	0.024376	0.215558	-4.63911
cg14128173	SLC27A4	0.00139366	0.488598	0.782985	-1.27716	0.015884	2.7928	2.7928	0.0042448	0.264279	-3.78388	0.00642692	0.291541	-3.43005	0.000156452	0.105383	-9.48921
cg13463176	SLC27A4	0.00238345	0.00259771	0.494738	-2.02127	0.350436	0.850366	-1.17596	0.0682378	0.708686	-1.41106	0.153902	0.773016	-1.29363	0.000238142	0.358306	-2.79091
cg13588599	SLC27A4	0.00353594	0.000968324	0.199888	-5.0028	0.964595	1.01466	1.01466	0.0138259	0.368856	-2.71108	0.584929	0.834596	-1.19818	0.00133576	0.216807	-4.61239
cg19819595	SLC27A5	7.67E-07	0.0361242	0.641376	-1.55915	1.57E-06	0.109854	-9.10302	0.123929	1.35479	1.35479	0.000129437	0.297583	-3.36041	0.118392	0.734207	-1.36201
cg07061692	SLC27A5	0.00023357	0.00494152	0.862841	-1.15896	4.48E-05	1.35821	1.35821	0.202516	1.05477	1.05477	0.112204	1.07094	1.07094	0.157161	1.06179	1.06179
cg23533824	SLC27A5	0.000392571	0.0941974	0.652613	-1.5323	0.0414373	0.579579	-1.72539	0.00663187	0.441633	-2.26432	0.0220568	0.528977	-1.89044	9.88E-05	0.201233	-4.96936
cg23036025	SLC27A5	0.000865776	0.927264	0.986091	-1.01411	0.0740675	1.35713	1.35713	7.46E-05	0.331708	-3.0147	0.735555	0.949326	-1.05338	0.041058	0.696532	-1.43568
cg16107172	SLC27A5	0.00548798	0.000306371	0.157327	-6.35619	0.567246	1.20013	1.20013	0.0693905	0.526868	-1.89801	0.969979	0.988198	-1.01194	0.00271562	0.270821	-3.69248
cg07726085	SLC27A5	0.0117375	0.0300429	0.399499	-2.50313	0.423283	0.745228	-1.34187	0.12139	0.546719	-1.82909	0.948875	1.02332	1.02332	0.000269324	0.116635	-8.57374
cg22309518	SLC27A5	0.0419131	0.701407	1.13801	1.13801	0.101837	0.548287	-1.82386	0.150239	1.67786	1.67786	0.912081	1.03776	1.03776	0.0115757	0.346665	-2.88463
cg19469742	SLC27A5;ZBTB45	1.25E-06	5.60E-06	0.348617	-2.86848	6.01E-06	0.35207	-2.84035	1.48E-05	0.396673	-2.52097	0.194892	1.15145	1.15145	1.18E-07	0.175388	-5.70165
cg00076307	SLC27A6;SLC27A6	3.90E-05	0.844791	1.03407	1.03407	0.0420554	0.670077	-1.49237	0.411327	1.1544	1.1544	0.48329	1.12949	1.12949	0.375104	1.16834	1.16834
cg07421806	SLC27A6;SLC27A6	5.80E-05	0.910677	1.03571	1.03571	0.27387	1.42759	1.42759	0.232306	0.675957	-1.47938	0.00747903	2.93468	2.93468	0.420633	1.29334	1.29334
cg14441976	SLC27A6;SLC27A6	0.000182507	0.752973	0.873407	-1.14494	0.673647	1.19933	1.19933	0.00171532	9.07017	9.07017	0.330678	1.5445	1.5445	0.729	1.16084	1.16084
cg15899948	SLC27A6;SLC27A6	0.000805007	0.129406	0.638313	-1.56663	0.707219	0.901783	-1.10891	0.861687	1.04894	1.04894	0.688363	0.895415	-1.1168	0.463348	0.815036	-1.22694
cg13985726	SLC27A6;SLC27A6	0.00507189	0.780458	1.11136	1.11136	0.811286	0.913579	-1.0946	0.709597	1.15183	1.15183	0.32454	0.680832	-1.46879	0.120292	0.528998	-1.89037
cg09538995	SLC27A6;SLC27A6	0.00554844	0.180136	1.33123	1.33123	0.964942	0.991205	-1.00887	0.439549	0.853463	-1.1717	0.55835	1.12634	1.12634	0.136409	0.724319	-1.38061
cg20103758	SLC27A6;SLC27A6	0.0166037	0.892475	1.05496	1.05496	0.398983	0.710614	-1.40723	0.021715	0.336169	-2.97469	0.4731	0.74924	-1.33469	0.0614844	0.43455	-2.30123
cg11841562	SLC27A6;SLC27A6	0.0377747	0.0735717	0.33802	-2.9584	0.73418	0.830836	-1.20361	0.128573	0.409371	-2.44277	0.140042	0.421782	-2.3709	0.00397147	0.12173	-8.21488
cg07103493	SLC27A6;SLC27A6;SLC27A6;SLC27A6	0.000198964	0.519473	1.12539	1.12539	0.498555	1.13234	1.13234	0.585091	0.90508	-1.10487	0.536342	1.11994	1.11994	0.569431	0.901219	-1.10961
cg17391928	SLC27A6;SLC27A6;SLC27A6;SLC27A6	0.000239967	0.931771	0.970868	-1.03001	0.145732	1.71477	1.71477	0.990447	1.00414	1.00414	0.277342	0.677013	-1.47708	0.0351919	0.428686	-2.33271
cg02841155	SLC27A6;SLC27A6;SLC27A6;SLC27A6	0.00411299	0.0283457	2.27493	2.27493	0.0949059	1.79112	1.79112	0.0894592	1.81238	1.81238	0.335849	1.37047	1.37047	0.0956199	1.78844	1.78844
cg08271842	SLC28A1;SLC28A1	0.000541298	0.951842	1.01153	1.01153	0.18333	1.30739	1.30739	0.541926	0.889394	-1.12436	0.000652297	0.370768	-2.69711	2.08E-05	0.195852	-5.1059
cg16545196	SLC28A2	0.00305743	0.921131	0.991563	-1.00851	0.730402	1.03004	1.03004	0.130819	0.869728	-1.14978	0.0339089	0.80908	-1.23597	7.72E-05	0.54203	-1.84492
cg19305227	SLC28A2	0.00771709	0.881636	0.970603	-1.03029	0.559466	0.888357	-1.12567	0.0048745	0.457287	-2.18681	0.093614	1.45462	1.45462	0.313027	0.81055	-1.23373
cg11105927	SLC28A2	0.0177632	0.0227503	0.757721	-1.31975	0.284228	1.11987	1.11987	0.25115	0.885128	-1.12978	0.778834	1.02907	1.02907	0.00791998	0.707101	-1.41422
cg01789267	SLC28A2	0.0393692	0.0321563	0.5911	-1.69176	0.0341741	0.595815	-1.67837	0.114692	0.698079	-1.4325	0.101021	0.686416	-1.45684	0.04388	0.615537	-1.6246
cg14000856	SLC28A3	0.000336247	0.6439	1.07795	1.07795	0.000349938	0.395862	-2.52613	4.85E-05	0.291706	-3.4281	0.475814	1.12403	1.12403	0.00122429	0.466417	-2.14401
cg13768445	SLC28A3	0.00882243	0.986078	1.00418	1.00418	0.00242376	0.364809	-2.74116	0.2281	0.739255	-1.35271	0.957952	0.987488	-1.01267	0.374943	0.804551	-1.24293
cg18999668	SLC28A3;SLC28A3	0.00311228	0.0303302	1.34499	1.34499	0.0229361	0.728502	-1.37268	0.146171	1.19914	1.19914	0.987178	1.00187	1.00187	0.110135	1.22472	1.22472
cg01993576	SLC29A1;SLC29A1	0.00220122	0.0599025	0.647064	-1.54544	0.0309726	0.594879	-1.68101	0.00717797	0.490793	-2.03752	0.00607106	0.47963	-2.08494	0.0021497	0.413239	-2.41991
cg23737112	SLC29A1;SLC29A1	0.0131492	0.293788	0.737709	-1.35555	0.11066	1.62512	1.62512	0.247582	0.71341	-1.40172	0.546104	0.843121	-1.18607	0.0969142	0.601094	-1.66363
cg10089294	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.00590914	0.375804	1.33398	1.33398	0.238854	1.47861	1.47861	0.000147193	0.126207	-7.92351	0.544114	1.21489	1.21489	0.363222	1.34483	1.34483
cg16889489	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.0171017	0.0426203	0.642336	-1.55682	0.416716	1.17046	1.17046	0.310169	0.819434	-1.22035	0.330014	0.826447	-1.21	0.154065	0.748747	-1.33557
cg04971779	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.0206138	0.00797313	0.280522	-3.56479	0.936699	0.97075	-1.03013	0.21881	0.616704	-1.62152	0.374734	0.711413	-1.40565	0.0213651	0.355711	-2.81127
cg24928043	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.0235333	0.0735627	1.26937	1.26937	0.0324134	0.741222	-1.34912	0.308976	1.13416	1.13416	0.00464878	1.56847	1.56847	0.169279	1.19135	1.19135
cg00920254	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.0381313	0.00651649	0.211815	-4.72111	0.362026	0.662785	-1.50878	0.0303148	0.326997	-3.05813	0.165702	0.522573	-1.91361	0.00721794	0.218263	-4.58163
cg00386034	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.0461196	0.232525	1.66203	1.66203	0.818411	0.910901	-1.09781	0.660355	1.19655	1.19655	0.825613	1.09368	1.09368	0.00135703	0.151442	-6.6032
cg22725847	SLC29A2	2.11E-05	?	?	?	0.418612	1.0559	1.0559	0.121623	1.11792	1.11792	0.0183213	0.823909	-1.21373	0.536069	1.04204	1.04204
cg19347288	SLC29A2	8.32E-05	0.314774	0.76922	-1.30002	5.47E-05	0.150107	-6.66193	8.40E-05	0.167709	-5.9627	0.000889597	0.284665	-3.5129	6.16E-06	0.0778189	-12.8503
cg14684675	SLC29A2	0.000217435	0.079856	0.790803	-1.26454	0.000345175	2.00457	2.00457	0.549451	1.07588	1.07588	0.0359234	1.34273	1.34273	0.000834523	0.544865	-1.83532
cg23250019	SLC29A2	0.000874256	0.0512333	1.71908	1.71908	0.00119419	3.18681	3.18681	0.17014	0.700074	-1.42842	0.322413	1.28334	1.28334	0.00337417	2.646	2.646
cg17415721	SLC29A2	0.00404659	0.0711365	0.751344	-1.33095	0.501341	1.10163	1.10163	0.1239	0.789529	-1.26658	0.000811886	2.04673	2.04673	0.212168	0.829958	-1.20488
cg15022049	SLC29A2	0.0118213	0.00794149	0.0856288	-11.6783	0.0912312	0.261018	-3.83115	0.0565783	0.210459	-4.75151	0.153995	0.332202	-3.01022	0.0033225	0.055757	-17.935
cg22125754	SLC29A2	0.0134207	0.0779524	0.382199	-2.61644	0.34335	0.619191	-1.61501	0.0151609	0.231083	-4.32745	0.0818598	0.387984	-2.57742	0.00441197	0.154715	-6.46349
cg23375719	SLC29A2	0.017724	0.657962	1.1175	1.1175	0.817939	1.05918	1.05918	0.670377	0.898748	-1.11266	0.0151901	2.10342	2.10342	0.79161	0.936106	-1.06826
cg18145189	SLC29A2	0.0185547	0.0098386	0.0729596	-13.7062	0.10985	0.246994	-4.04869	0.0309301	0.130955	-7.63619	0.163381	0.303148	-3.29872	0.00826916	0.0665735	-15.021
cg08181642	SLC29A2	0.0213103	0.0148683	0.215154	-4.64784	0.128376	0.43046	-2.3231	0.0207646	0.239888	-4.16861	0.226156	0.521118	-1.91895	0.0103765	0.190999	-5.23563
cg10616300	SLC29A2	0.0291435	0.0135445	0.702455	-1.42358	0.0694413	0.790786	-1.26456	0.073938	0.794371	-1.25886	0.0753822	0.79548	-1.2571	0.117175	0.821433	-1.21738
cg15128778	SLC29A2	0.0340118	0.00535109	0.26461	-3.77915	0.262055	0.654528	-1.52782	0.370335	0.71648	-1.39571	0.0123969	0.32365	-3.08976	0.0181392	0.353509	-2.82879
cg13313036	SLC29A2;SLC29A2	3.91E-05	0.0640403	0.708665	-1.4111	0.239323	1.22616	1.22616	0.42551	1.14413	1.14413	0.00532037	0.544642	-1.83607	0.152398	1.28871	1.28871
cg15507391	SLC29A2;SLC29A2	0.00153645	0.877792	0.950751	-1.0518	0.13915	1.68612	1.68612	0.00798041	3.05275	3.05275	0.610665	0.844916	-1.18355	0.976319	1.00979	1.00979
cg16271524	SLC29A2;SLC29A2	0.0137428	0.108607	1.332	1.332	0.348518	0.853766	-1.17128	0.202114	1.24684	1.24684	0.996165	1.00079	1.00079	0.791785	0.957586	-1.04429
cg23761815	SLC29A3	0.000737166	0.466111	0.908952	-1.10017	0.00428317	1.63523	1.63523	3.21E-05	0.353005	-2.83282	0.0728685	0.77296	-1.29373	0.044982	1.34464	1.34464
cg04402744	SLC29A3	0.0338366	0.751943	0.8588	-1.16442	0.429524	0.679006	-1.47274	0.197207	0.519745	-1.92402	0.177014	1.9914	1.9914	0.0259791	0.281209	-3.55607
cg06270147	SLC29A3	0.0401962	0.003226	1.88562	1.88562	0.685379	1.0664	1.0664	0.6362	1.0781	1.0781	0.292768	1.18799	1.18799	0.010971	1.65494	1.65494
cg15937155	SLC29A3	0.0456151	0.331136	1.18209	1.18209	0.019524	1.60143	1.60143	0.062985	0.705431	-1.41757	0.233495	0.811889	-1.2317	0.0757503	0.719096	-1.39063
cg27637597	SLC29A4;SLC29A4	0.0117422	0.048466	0.270936	-3.69091	0.617458	0.747008	-1.33867	0.00983702	0.151065	-6.61965	0.0579334	0.288898	-3.46143	0.000936946	0.0572772	-17.4589
cg23698832	SLC29A4;SLC29A4	0.0149755	0.135602	0.744632	-1.34294	0.0058701	0.516326	-1.93676	0.122066	0.73549	-1.35964	0.076439	0.696752	-1.43523	0.000469182	0.364994	-2.73977
cg01185093	SLC29A4;SLC29A4	0.0161885	0.341185	0.769118	-1.30019	0.759842	1.08552	1.08552	0.0330695	0.513258	-1.94834	0.841593	1.05502	1.05502	0.000491849	0.232032	-4.30974
cg10161423	SLC29A4;SLC29A4	0.0177066	0.238141	1.35673	1.35673	0.715732	0.913656	-1.0945	0.387043	0.80339	-1.24473	0.233895	1.36087	1.36087	0.00104161	0.301621	-3.31542
cg02632809	SLC29A4;SLC29A4	0.0180558	0.31656	1.49534	1.49534	0.378226	1.42093	1.42093	0.325318	0.673907	-1.48388	0.848816	1.07698	1.07698	0.375017	1.42448	1.42448
cg00428487	SLC29A4;SLC29A4	0.0202655	0.532469	0.880221	-1.13608	0.00622713	0.486976	-2.05349	0.0824612	0.678321	-1.47423	0.798837	1.05288	1.05288	0.00253504	0.429338	-2.32917
cg05101809	SLC29A4;SLC29A4	0.0213017	0.0244882	0.443714	-2.2537	0.0861817	0.562783	-1.77688	0.0931287	0.571153	-1.75084	0.329775	0.737158	-1.35656	0.00118869	0.236681	-4.22509
cg07511721	SLC29A4;SLC29A4	0.0344388	0.456845	1.17565	1.17565	0.582573	1.12586	1.12586	0.845446	0.959178	-1.04256	0.66277	0.910547	-1.09824	0.0197446	1.82443	1.82443
cg17128256	SLC29A4;SLC29A4	0.0447187	0.382543	0.745382	-1.34159	0.379163	1.34455	1.34455	0.293305	0.699261	-1.43008	0.470997	0.786133	-1.27205	0.00429844	0.285649	-3.5008
cg23738353	SLC29A4;SLC29A4;SLC29A4;SLC29A4	0.00349523	0.0046285	3.59467	3.59467	0.171042	1.64048	1.64048	0.633541	0.849496	-1.17717	0.0173041	2.67662	2.67662	0.0198579	0.384842	-2.59847
cg12838902	SLC29A4;SLC29A4;SLC29A4;SLC29A4	0.0156547	0.0516897	2.00183	2.00183	0.392847	1.31568	1.31568	0.227902	0.672538	-1.4869	0.0757205	1.85818	1.85818	0.0257164	0.435911	-2.29405
cg05034603	SLC2A1	0.00011291	0.00359867	2.11593	2.11593	0.000305257	0.327813	-3.05052	0.398468	0.848426	-1.17865	0.00854682	1.8926	1.8926	0.0148052	0.565442	-1.76853
cg21877974	SLC2A1	0.0053506	0.0590919	0.392285	-2.54917	0.619216	0.802548	-1.24603	0.0445295	0.363158	-2.75363	0.00475447	0.192807	-5.18652	?	?	?
cg20282814	SLC2A1	0.00565388	0.000421199	0.168288	-5.9422	0.355545	0.738565	-1.35398	0.794601	1.08675	1.08675	0.697615	0.882934	-1.13259	0.00445216	0.298237	-3.35304
cg05345039	SLC2A1	0.00963187	0.14741	0.671961	-1.48818	0.243297	0.73181	-1.36648	0.515079	0.844671	-1.18389	0.0472361	1.78715	1.78715	0.00188061	0.323942	-3.08697
cg12101479	SLC2A1	0.00964738	0.312499	0.759599	-1.31648	0.985913	1.00466	1.00466	0.178492	0.686456	-1.45676	0.00179955	0.310809	-3.21741	0.000898017	0.270316	-3.69938
cg04287330	SLC2A1	0.0111422	0.841324	0.973465	-1.02726	0.210197	1.19382	1.19382	0.000741591	1.9883	1.9883	0.471754	0.906458	-1.1032	0.304591	1.15332	1.15332
cg06792911	SLC2A1	0.0218565	0.0458356	1.57967	1.57967	0.00257719	2.30387	2.30387	0.065079	0.661188	-1.51243	0.561971	1.12425	1.12425	0.475508	1.15596	1.15596
cg00102166	SLC2A1	0.0231843	0.440264	0.790271	-1.26539	0.757634	0.911585	-1.09699	0.0262307	2.20022	2.20022	0.909207	0.966458	-1.03471	0.175614	0.65005	-1.53834
cg03940556	SLC2A10	4.31E-05	0.407478	1.09021	1.09021	0.329618	0.902534	-1.10799	0.0538673	0.800032	-1.24995	0.000828294	0.598607	-1.67054	0.624407	0.950946	-1.05158
cg27610561	SLC2A10	0.000620494	0.100965	0.851363	-1.17459	1.43E-05	0.444997	-2.24721	0.709303	0.96701	-1.03412	0.0115774	0.753666	-1.32685	0.1518	0.871486	-1.14746
cg17298269	SLC2A10	0.00382211	0.000918628	0.550674	-1.81596	0.131421	1.21675	1.21675	0.978397	0.996743	-1.00327	0.106105	1.2369	1.2369	0.626639	0.942654	-1.06083
cg16117472	SLC2A10	0.00828523	0.120044	0.863511	-1.15806	0.718211	0.96896	-1.03203	0.0568857	1.20625	1.20625	0.00685999	0.737385	-1.35614	0.464358	0.937254	-1.06695
cg10156714	SLC2A10	0.0154768	0.134943	1.27872	1.27872	0.00901598	0.602598	-1.65948	0.294165	0.847049	-1.18057	0.359616	0.86615	-1.15453	0.00125865	0.487544	-2.0511
cg03123822	SLC2A11;SLC2A11;SLC2A11	0.00558073	0.626669	0.936808	-1.06746	0.0867286	0.777292	-1.28652	0.100515	0.786958	-1.27072	0.546842	1.08458	1.08458	0.283348	1.16002	1.16002
cg02936854	SLC2A11;SLC2A11;SLC2A11	0.0177766	0.34052	0.637233	-1.56929	0.602433	1.27165	1.27165	0.372311	1.5219	1.5219	0.000534841	0.0706519	-14.1539	0.907724	0.948424	-1.05438
cg23231026	SLC2A11;SLC2A11;SLC2A11	0.0220231	0.170223	0.735159	-1.36025	0.00227626	2.45708	2.45708	0.70289	0.922452	-1.08407	0.310124	0.801544	-1.24759	0.524418	1.14554	1.14554
cg10972043	SLC2A11;SLC2A11;SLC2A11	0.0341961	0.618326	1.1776	1.1776	0.50672	1.24514	1.24514	0.00831184	0.333539	-2.99815	0.362849	0.737575	-1.35579	0.00438751	0.289915	-3.44929
cg01215976	SLC2A11;SLC2A11;SLC2A11	0.0473351	0.157749	0.662944	-1.50842	0.166729	0.669505	-1.49364	0.144706	0.652913	-1.5316	0.763839	1.08546	1.08546	0.00117485	0.273678	-3.65393
cg21495622	SLC2A11;SLC2A11;SLC2A11;SLC2A11;SLC2A11	0.00116239	0.0302164	0.451419	-2.21524	0.176992	1.56501	1.56501	0.00151381	4.1622	4.1622	0.000338731	6.06492	6.06492	0.85649	0.945066	-1.05813
cg13824156	SLC2A11;SLC2A11;SLC2A11;SLC2A11;SLC2A11	0.00397814	0.0666365	0.668505	-1.49588	0.526397	0.881878	-1.13394	0.00605811	2.0176	2.0176	0.00265313	2.25721	2.25721	0.066016	0.667742	-1.49758
cg03039701	SLC2A12	5.81E-05	5.52E-05	0.122592	-8.15717	1.33E-05	0.0779716	-12.8252	0.000427544	0.21022	-4.75692	0.00029367	0.192023	-5.20772	5.43E-05	0.121988	-8.19753
cg06628901	SLC2A12	0.000213819	0.000583481	0.374185	-2.67247	0.0118768	0.559567	-1.7871	0.000223638	0.321231	-3.11302	0.151728	0.752812	-1.32835	0.000117865	0.287589	-3.47719
cg11599694	SLC2A12	0.00202164	0.00918943	1.71281	1.71281	0.000509617	0.413429	-2.41879	0.0172158	0.623616	-1.60355	0.00567028	1.80483	1.80483	0.0565274	1.42084	1.42084
cg08448341	SLC2A12	0.0123304	0.00638534	0.206442	-4.84398	0.00380175	0.176347	-5.67063	0.0100197	0.235705	-4.24259	0.0285618	0.317118	-3.1534	0.00605871	0.203227	-4.92062
cg09563617	SLC2A12	0.0391208	0.024972	0.551849	-1.81209	0.00436054	0.427955	-2.33669	0.0427574	0.594671	-1.6816	0.0373882	0.583721	-1.71315	0.051259	0.609783	-1.63993
cg05581394	SLC2A13	4.08E-06	0.192302	0.852564	-1.17293	0.0131811	1.42646	1.42646	0.00826936	0.676848	-1.47744	0.436611	0.912355	-1.09606	0.155688	1.19193	1.19193
cg07287345	SLC2A13	6.12E-05	0.0376457	1.23182	1.23182	0.000167564	0.574668	-1.74014	0.000125077	0.561093	-1.78224	0.000189895	1.72282	1.72282	0.0371809	0.811267	-1.23264
cg01603095	SLC2A13	0.00334437	0.0387029	2.24542	2.24542	0.00844433	3.11515	3.11515	0.0256777	2.44825	2.44825	0.0179787	2.64137	2.64137	0.841457	0.934572	-1.07001
cg05770947	SLC2A13	0.0041156	0.0467223	0.62022	-1.61233	0.000793163	0.345318	-2.89588	0.00661682	0.477361	-2.09485	0.495207	0.86478	-1.15636	0.00155758	0.385214	-2.59596
cg25307593	SLC2A13	0.00467081	0.193339	0.759953	-1.31587	0.224854	0.775512	-1.28947	0.239767	1.27824	1.27824	0.0181663	0.5644	-1.77179	0.362423	1.20524	1.20524
cg00790847	SLC2A13	0.00719596	0.0486028	0.354846	-2.81812	0.00255636	0.145956	-6.85138	0.0128553	0.241509	-4.14064	0.086286	0.41827	-2.3908	0.135619	0.477243	-2.09537
cg02641941	SLC2A13	0.00793308	0.153105	1.39455	1.39455	0.000333829	0.284184	-3.51885	0.0543457	0.622135	-1.60737	0.133822	0.703647	-1.42117	0.281323	0.783959	-1.27558
cg16190510	SLC2A13	0.0103772	0.0150932	0.342868	-2.91657	0.0624695	2.12031	2.12031	0.918878	1.03719	1.03719	0.225981	1.57734	1.57734	0.0642673	0.474622	-2.10694
cg23680411	SLC2A13	0.0212515	0.702697	0.923828	-1.08245	0.00110468	0.370263	-2.70078	0.0103008	0.51278	-1.95015	0.712981	1.07932	1.07932	0.528094	1.14118	1.14118
cg14061497	SLC2A13	0.0287488	0.196942	0.510304	-1.95962	0.0220715	0.25825	-3.87221	0.0177311	0.241206	-4.14583	0.0734359	0.373683	-2.67606	0.135367	0.452137	-2.21172
cg21803141	SLC2A13	0.0369344	0.188401	0.803081	-1.2452	0.035253	0.679863	-1.47088	0.152315	0.78563	-1.27286	0.209204	0.81198	-1.23156	0.00428345	0.548145	-1.82433
cg25020919	SLC2A14	0.000114561	0.00755415	0.645543	-1.54908	0.00841657	0.651452	-1.53503	0.00254525	0.586705	-1.70444	2.28E-06	0.230046	-4.34695	0.0322143	0.726566	-1.37634
cg17537007	SLC2A14	0.000372908	0.0102592	0.571098	-1.75101	0.0168983	0.603764	-1.65628	0.184752	1.27577	1.27577	0.166426	0.774553	-1.29107	5.32E-05	0.270845	-3.69214
cg07931785	SLC2A14	0.00173476	0.00407346	0.558048	-1.79196	0.546389	1.09675	1.09675	0.0387781	0.696263	-1.43624	0.556332	0.913913	-1.0942	0.000127097	0.364646	-2.74239
cg10097316	SLC2A14	0.00203814	0.887873	0.95695	-1.04499	0.180329	0.64162	-1.55856	0.420487	0.773592	-1.29267	0.00985158	0.361517	-2.76612	0.000168107	0.135673	-7.37067
cg09592224	SLC2A14	0.00459858	0.0700683	0.671809	-1.48852	0.0806537	0.683502	-1.46305	0.00925018	0.522685	-1.9132	0.558894	0.890393	-1.1231	0.00606144	0.494628	-2.02172
cg12970757	SLC2A14	0.00774328	0.271563	0.820661	-1.21853	0.391889	1.16355	1.16355	0.00010693	0.307176	-3.25547	0.66012	0.926431	-1.07941	0.179414	0.781723	-1.27922
cg11207307	SLC2A14	0.0256116	0.00638138	8.48128	8.48128	0.101059	2.94924	2.94924	0.113404	2.82238	2.82238	0.118173	2.77817	2.77817	0.128568	2.6895	2.6895
cg11417598	SLC2A2	3.31E-05	0.702225	1.05267	1.05267	2.70E-06	0.221414	-4.51642	7.36E-05	0.381704	-2.61983	0.468448	0.906136	-1.10359	0.0250077	1.42806	1.42806
cg03464896	SLC2A2	0.00705849	0.541611	0.947961	-1.0549	0.311718	0.913458	-1.09474	0.0806298	0.845704	-1.18245	0.0233076	0.79099	-1.26424	0.148817	0.874659	-1.1433
cg07649206	SLC2A2	0.0147387	0.646931	1.07127	1.07127	0.683022	0.940555	-1.0632	0.132311	0.784703	-1.27437	0.321586	1.16516	1.16516	0.255512	0.837617	-1.19386
cg03699904	SLC2A2	0.0381346	0.0290167	0.204713	-4.8849	0.555856	1.44364	1.44364	0.404534	0.591169	-1.69156	0.219237	2.21729	2.21729	0.0149942	0.158332	-6.31585
cg24302235	SLC2A2	0.0472704	0.0500584	0.120464	-8.30123	0.516928	0.536649	-1.86341	0.306334	0.366709	-2.72696	0.138671	4.52619	4.52619	0.0435595	0.111003	-9.00873
cg17142134	SLC2A2;SLC2A2	0.00501634	0.0826677	1.23762	1.23762	0.00194612	1.62596	1.62596	0.19626	0.859358	-1.16366	0.106099	1.21624	1.21624	0.00630488	0.673942	-1.48381
cg07062764	SLC2A2;SLC2A2	0.0178739	0.0225094	1.99971	1.99971	0.64678	1.12412	1.12412	0.659169	1.11914	1.11914	0.00695936	2.4239	2.4239	0.968027	1.01022	1.01022
cg12911449	SLC2A3	3.03E-05	0.000704006	0.567184	-1.7631	0.0923035	0.815914	-1.22562	9.48E-06	2.85364	2.85364	0.706543	0.959318	-1.04241	2.48E-05	0.398326	-2.5105
cg07748193	SLC2A3	0.000490639	8.71E-05	0.633814	-1.57775	0.775199	1.01873	1.01873	0.00377569	0.776288	-1.28818	0.0108706	1.23022	1.23022	0.00810086	0.802772	-1.24568
cg20313963	SLC2A3	0.0242937	0.0314848	0.425332	-2.3511	0.00895186	0.324105	-3.08542	0.0361327	0.437877	-2.28375	0.166116	0.606267	-1.64944	0.0494216	0.467724	-2.13801
cg02511315	SLC2A3	0.039687	0.0914431	0.460008	-2.17387	0.117077	0.49104	-2.03649	0.652131	1.20875	1.20875	0.729489	0.864998	-1.15607	0.00405444	0.199466	-5.01339
cg09103232	SLC2A4	2.67E-06	0.443552	0.95094	-1.05159	0.0340137	1.17274	1.17274	0.000228448	1.48335	1.48335	0.531238	0.959982	-1.04169	0.00562503	1.2637	1.2637
cg02694091	SLC2A4	0.000656426	0.219506	0.93748	-1.06669	0.000618272	1.30146	1.30146	0.574851	0.972061	-1.02874	0.025092	1.14251	1.14251	0.220666	1.0665	1.0665
cg03670302	SLC2A4	0.00305553	0.0780883	0.318752	-3.13724	0.0528729	0.275313	-3.63223	0.0621976	0.292651	-3.41704	?	?	?	0.000902615	0.0472957	-21.1435
cg26480745	SLC2A4	0.00408371	0.566234	1.12538	1.12538	0.00374516	0.450517	-2.21967	0.185755	0.751387	-1.33087	0.0164084	0.550184	-1.81757	0.0549516	0.64186	-1.55797
cg06891043	SLC2A4	0.0379145	0.0259289	0.358794	-2.78711	0.153392	0.552866	-1.80876	0.0952906	0.491396	-2.03502	0.0529541	0.426283	-2.34586	0.0299425	0.371536	-2.69153
cg05276137	SLC2A4RG	0.0447209	0.157262	0.607574	-1.64589	0.0314042	2.29698	2.29698	0.0750013	1.92173	1.92173	0.320073	1.40282	1.40282	0.155869	0.606415	-1.64904
cg06226150	SLC2A4RG;LIME1	0.0287702	0.050974	0.54016	-1.8513	0.0072527	2.6108	2.6108	0.167135	1.50381	1.50381	0.238379	0.710254	-1.40795	0.383143	0.780542	-1.28116
cg13869484	SLC2A5	0.000145788	0.186782	0.839458	-1.19124	0.140893	0.820326	-1.21903	0.133227	0.816639	-1.22453	0.137359	1.22153	1.22153	9.10E-05	0.417023	-2.39795
cg16104584	SLC2A5	0.000414413	0.00015707	0.141558	-7.06424	0.00876109	0.364471	-2.7437	0.0124865	0.390813	-2.55877	0.00372527	0.305968	-3.26832	0.000181512	0.147434	-6.78271
cg25602242	SLC2A5	0.0137029	0.503092	1.14892	1.14892	0.142603	0.724741	-1.3798	0.0050728	0.469162	-2.13146	0.707325	0.925845	-1.08009	0.0695114	0.660515	-1.51397

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00421624	0.633413	0.764256	-1.30846	0.00265567	0.097689	-10.2366	0.371101	1.67178	1.67178	0.0365203	0.256703	-3.89555	4.38081	21.7232	4.40775	1
cg11804721	0.0597884	0.296732	-3.37005	0.00694786	0.135642	-7.37233	0.0170631	0.189496	-5.27716	0.0364163	0.2488	-4.01929	4.12602	21.3803	4.60607	1
cg14128173	0.0640406	0.484952	-2.06206	0.00265917	0.235721	-4.2423	0.93452	1.02898	1.02898	0.219003	0.637939	-1.56755	10.7035	20.4966	1.70218	1
cg13463176	0.000248047	0.360518	-2.77379	0.352692	0.851048	-1.17502	0.218854	0.804046	-1.24371	0.204441	0.797842	-1.25338	9.1597	4.12621	0.400422	1
cg13588599	0.0188199	0.393412	-2.54186	0.00145314	0.221384	-4.51704	0.00950617	0.340631	-2.93573	0.18044	0.627355	-1.59399	8.14885	13.8688	1.51283	1
cg19819595	8.89E-07	0.0927584	-10.7807	3.90E-08	0.0286643	-34.8866	0.198295	1.28118	1.28118	0.315434	0.827643	-1.20825	78.4554	41.2702	0.467586	1
cg07061692	0.0224477	1.11446	1.11446	0.000637873	0.812351	-1.23099	0.0172698	0.89142	-1.12181	0.0114937	0.88224	-1.13348	17.613	0.438082	0.022109	1
cg23533824	0.000200017	0.235001	-4.2553	0.145082	1.43756	1.43756	0.000117581	0.209302	-4.77777	0.0160689	0.504922	-1.9805	15.279	13.0177	0.757334	1
cg23036025	0.0792431	1.34838	1.34838	0.000840333	2.16094	2.16094	0.162637	1.25691	1.25691	0.43635	0.885311	-1.12955	12.2561	4.56801	0.331299	1
cg16107172	0.611411	0.850754	-1.17543	0.248689	1.46285	1.46285	0.216152	1.50773	1.50773	0.328826	0.72765	-1.37429	7.13234	11.2415	1.401	1
cg07726085	0.0832718	0.501871	-1.99254	0.337884	1.4265	1.4265	0.986475	1.00611	1.00611	0.155474	0.578971	-1.7272	5.6136	11.4938	1.81999	1
cg22309518	0.399497	0.748688	-1.33567	0.0211235	2.53575	2.53575	0.493564	1.26278	1.26278	0.104066	0.55081	-1.81551	3.6201	6.45631	1.5853	1
cg19469742	0.000114472	0.498471	-2.00614	3.09E-05	0.433228	-2.30825	0.00362721	1.49909	1.49909	0.4897	0.930369	-1.07484	69.2663	11.6051	0.148927	1
cg00076307	0.687101	0.933135	-1.07166	0.114055	0.745421	-1.34152	3.59E-07	12.274	12.274	0.268298	1.21783	1.21783	28.432	13.1536	0.411229	1
cg07421806	0.12944	0.599171	-1.66897	0.000316481	0.16137	-6.19695	1.56E-06	44.3264	44.3264	0.99557	0.998266	-1.00174	25.5993	39.6307	1.3761	1
cg14441976	0.353632	0.661737	-1.51118	?	?	?	4.92E-06	536.389	536.389	0.00388423	6.48701	6.48701	34.5694	84.9874	1.84384	1
cg15899948	0.0760091	0.582169	-1.71771	0.000534886	0.228448	-4.37736	5.14E-05	7.98137	7.98137	0.162772	0.664809	-1.50419	12.5101	14.8742	1.05687	1
cg13985726	0.811057	1.09472	1.09472	0.110477	0.518285	-1.92944	9.91E-05	13.6138	13.6138	0.360785	0.701173	-1.42618	7.30667	16.5234	2.01015	1
cg09538995	0.348681	0.823721	-1.214	0.420657	0.847588	-1.17982	9.59E-05	4.03657	4.03657	0.918548	1.02077	1.02077	7.10839	4.54828	0.568753	1
cg20103758	0.145076	0.538423	-1.85728	0.113843	0.506321	-1.97503	0.00158484	6.01374	6.01374	0.771395	1.12217	1.12217	5.00881	12.4169	2.20356	1
cg11841562	0.020733	0.220009	-4.54526	0.0122669	0.183387	-5.45296	0.943232	1.03948	1.03948	0.126963	0.407579	-2.45351	3.76131	17.6117	4.16207	1
cg07103493	0.349892	1.19013	1.19013	0.060836	0.68231	-1.46561	4.33E-06	6.80429	6.80429	0.000291661	2.9105	2.9105	18.3971	9.53462	0.460683	1
cg17391928	0.899322	1.04467	1.04467	0.620867	0.841857	-1.18785	6.74E-06	31.5283	31.5283	0.000354168	7.24762	7.24762	17.484	33.009	1.67818	1
cg02841155	0.00333616	3.55618	3.55618	0.727899	0.895007	-1.11731	0.00031206	6.40252	6.40252	0.00149709	4.27866	4.27866	7.78678	12.4377	1.4198	1
cg08271842	0.957142	1.01026	1.01026	0.0246975	1.66158	1.66158	0.626243	1.09766	1.09766	0.125069	0.729635	-1.37055	13.979	7.98007	0.507433	1
cg16545196	0.0394838	0.815661	-1.226	0.0398031	1.22547	1.22547	0.586413	0.954091	-1.04812	0.132319	0.870273	-1.14907	8.51008	0.986432	0.103034	1
cg19305227	0.134499	0.721141	-1.38669	0.000473047	0.305434	-3.27403	0.15098	1.36546	1.36546	0.239646	0.780118	-1.28186	7.34918	4.5688	0.483525	1
cg11105927	0.0486779	0.795202	-1.25754	0.00990406	1.39322	1.39322	0.240516	0.882446	-1.13321	0.28995	0.894242	-1.11827	4.89687	0.803273	0.145812	1
cg01789267	0.0894543	0.675493	-1.4804	0.0294381	1.71141	1.71141	0.928601	1.01895	1.01895	0.395607	0.833373	-1.19994	3.70474	2.57558	0.617966	1
cg14000856	0.074973	1.37679	1.37679	0.00268839	0.512292	-1.95201	0.470953	0.888471	-1.12553	0.00279457	0.514583	-1.94332	15.9438	6.56537	0.366028	1
cg13768445	0.292498	1.29798	1.29798	0.0029971	2.64351	2.64351	0.0157451	2.02727	2.02727	0.727454	0.91984	-1.08715	6.15112	5.5558	0.80286	1
cg18999668	0.616168	0.942859	-1.0606	8.68E-05	2.26981	2.26981	0.391972	1.10749	1.10749	0.6797	0.952818	-1.04952	8.4652	1.81698	0.190792	1
cg01993576	0.107821	0.697796	-1.43308	0.00156842	2.53826	2.53826	0.448415	0.85349	-1.17166	0.0164786	0.548332	-1.82371	9.37576	6.24411	0.591986	1
cg23737112	0.000582564	4.41787	4.41787	0.0980485	0.602326	-1.66023	0.644404	1.13864	1.13864	0.747913	1.09426	1.09426	5.40994	6.68623	1.09859	1
cg10089294	0.122923	1.69875	1.69875	0.134673	1.66753	1.66753	0.613572	1.1752	1.1752	0.251462	1.46208	1.46208	6.97191	11.0991	1.41509	1
cg16889489	0.7868	1.05275	1.05275	0.000436355	0.3485	-2.86944	0.307473	0.818459	-1.22181	0.0395759	0.636751	-1.57047	4.95957	2.82464	0.506251	1
cg04971779	0.70052	1.15539	1.15539	0.00218872	0.200739	-4.9816	0.824818	1.08638	1.08638	0.0237996	0.364854	-2.74082	4.65642	10.301	1.96641	1
cg24928043	0.0318462	0.740247	-1.3509	0.685628	1.04986	1.04986	0.479039	1.08985	1.08985	0.421291	1.10321	1.10321	4.44952	1.00745	0.201259	1
cg00920254	0.794129	0.891539	-1.12166	0.0729593	0.415608	-2.40611	0.195872	0.548563	-1.82294	0.0258845	0.313116	-3.1937	3.7484	11.441	2.71309	1
cg00386034	0.149167	1.8733	1.8733	0.64376	1.20801	1.20801	0.890723	0.945745	-1.05737	0.503646	1.31706	1.31706	3.49318	9.11018	2.31821	1
cg22725847	0.145128	1.10935	1.10935	0.123566	1.11715	1.11715	3.16E-07	3.2571	3.2571	0.0845463	1.13557	1.13557	47.0584	2.79059	0.051888	1
cg19347288	0.0306814	0.526873	-1.89799	0.551008	1.16446	1.16446	0.00651132	0.409634	-2.4412	0.0440237	0.557614	-1.79336	23.2588	23.4678	0.896877	1
cg14684675	0.011269	0.681587	-1.46716	0.131393	0.821457	-1.21735	5.99E-05	2.44945	2.44945	0.15473	1.20192	1.20192	17.9591	4.14766	0.205289	1
cg23250019	0.00368482	0.383662	-2.60646	0.00192806	0.34259	-2.91894	0.0212824	1.96517	1.96517	0.0587248	0.593867	-1.68388	12.2225	11.5301	0.838537	1
cg17415721	0.0567387	1.35778	1.35778	0.0218858	0.676999	-1.47711	0.012824	1.55015	1.55015	0.0958223	0.771491	-1.29619	7.82512	2.49276	0.283163	1
cg15022049	0.0505792	0.200142	-4.99645	0.00471136	0.0664293	-15.0536	0.00312526	0.0540459	-18.5028	0.0913634	0.26119	-3.82863	5.60068	46.2491	7.34024	1
cg22125754	0.0960443	0.407577	-2.45352	0.00161032	0.108517	-9.21516	0.00823376	0.19021	-5.25736	0.694565	0.823835	-1.21383	5.37388	20.5222	3.39455	1
cg23375719	0.300918	1.30638	1.30638	0.377559	1.25327	1.25327	0.000397314	4.07887	4.07887	0.803192	0.939637	-1.06424	4.90051	4.82514	0.875219	1
cg18145189	0.151	0.290913	-3.43746	0.00665559	0.0592942	-16.865	0.00396135	0.0446468	-22.398	0.216482	0.352223	-2.83911	4.82555	49.1983	9.06256	1
cg08181642	0.262326	0.549148	-1.821	0.00572216	0.155983	-6.41096	0.00537519	0.152628	-6.55187	0.371745	0.624799	-1.60051	4.6039	19.1774	3.70263	1
cg10616300	0.0367827	0.755502	-1.32362	0.00446025	0.645076	-1.5502	0.347943	1.11817	1.11817	0.909561	1.01322	1.01322	4.12902	0.873593	0.188066	1
cg15128778	0.36218	0.712167	-1.40416	0.172595	1.6923	1.6923	0.448498	0.755833	-1.32304	0.109009	0.530768	-1.88406	3.90735	8.12827	1.84911	1
cg13313036	0.66136	1.07566	1.07566	0.640354	1.08097	1.08097	4.54E-07	10.539	10.539	0.930398	0.985649	-1.01456	28.4049	12.3163	0.385421	1
cg15507391	0.0855434	0.535922	-1.86594	0.137804	1.6896	1.6896	3.02E-05	14.5484	14.5484	0.814215	0.925649	-1.08032	10.4074	17.7551	1.51645	1
cg16271524	0.730272	0.944885	-1.05833	0.418573	0.87337	-1.14499	0.000304444	2.61493	2.61493	0.302786	0.839579	-1.19107	5.33226	2.26606	0.377753	1
cg23761815	0.208465	1.1861	1.1861	0.106194	1.25495	1.25495	0.652494	0.943327	-1.06008	0.090915	0.786863	-1.27087	12.8235	3.3646	0.233224	1
cg04402744	0.00553116	5.75582	5.75582	0.0872435	0.403968	-2.47544	0.271063	1.73336	1.73336	0.981071	0.988675	-1.01145	3.91463	14.2872	3.24416	1
cg06270147	0.658847	1.07264	1.07264	0.160565	0.789324	-1.26691	0.182684	1.25006	1.25006	0.142827	1.2822	1.2822	3.6765	1.45047	0.350688	1
cg15937155	0.300856	1.19584	1.19584	0.684104	1.07063	1.07063	0.110211	0.747947	-1.33699	0.063669	0.706222	-1.41598	3.50764	1.54618	0.391827	1
cg27637597	0.446802	0.638165	-1.56699	0.0492343	0.272473	-3.67009	0.730926	1.22136	1.22136	0.00610364	0.12576	-7.95166	5.61287	29.8273	4.72364	1
cg23698832	0.221777	0.790234	-1.26545	0.330952	0.83202	-1.20189	0.479312	0.876482	-1.14093	0.0463202	0.65807	-1.5196	5.1835	2.75905	0.473134	1
cg01185093	0.0506328	0.55095	-1.81505	0.0279607	0.499069	-2.00373	0.735279	0.913175	-1.09508	0.177663	0.681535	-1.46728	5.05126	5.73069	1.00845	1
cg10161423	0.394464	1.24029	1.24029	0.258114	1.33823	1.33823	0.0219506	1.9712	1.9712	0.79224	0.9369	-1.06735	4.90212	4.73288	0.858202	1
cg02632809	0.189885	1.71521	1.71521	0.000309824	9.72113	9.72113	0.0534925	2.34485	2.34485	0.470841	1.32983	1.32983	4.87005	11.6466	2.12575	1
cg00428487	0.14604	1.37012	1.37012	0.0378851	0.615221	-1.62543	0.975213	0.99375	-1.00629	0.541649	0.882791	-1.13277	4.68352	3.02017	0.5732	1
cg05101809	0.698528	0.888687	-1.12526	0.291993	1.39308	1.39308	0.38608	0.763823	-1.3092	0.0198127	0.426119	-2.34676	4.60453	6.70475	1.29433	1
cg07511721	0.31082	1.251	1.251	0.00155783	2.641	2.641	0.0940453	1.48167	1.48167	0.352151	0.815073	-1.22688	3.8898	2.80967	0.642061	1
cg17128256	0.0526112	0.485267	-2.06072	0.0582609	0.495462	-2.01832	0.214937	1.53475	1.53475	0.0668198	0.50952	-1.96263	3.53381	6.02661	1.51592	1
cg23738353	0.0307961	2.36645	2.36645	0.000991599	5.26784	5.26784	0.00478341	3.56722	3.56722	0.275619	1.46985	1.46985	8.17714	14.9363	1.62364	1
cg12838902	0.139793	1.64539	1.64539	0.00486645	3.22218	3.22218	0.013334	2.61399	2.61399	0.884639	1.04655	1.04655	5.10788	7.94706	1.38297	1
cg05034603	0.0311331	0.618173	-1.61767	0.00129243	2.43874	2.43874	6.34E-05	4.05365	4.05365	0.0104112	0.541525	-1.84664	21.4323	12.2718	0.508962	1
cg21877974	0.167614	1.90748	1.90748	0.000450091	0.0881106	-11.3494	0.124333	0.481608	-2.07638	0.399476	1.4604	1.4604	7.34121	19.9232	2.71389	1
cg20282814	0.0221655	0.417063	-2.39772	0.459213	1.27165	1.27165	0.00634054	0.321995	-3.10564	0.0574862	0.504052	-1.98392	7.06737	11.3814	1.43147	1
cg05345039	0.64035	0.886621	-1.12788	0.0184016	2.07806	2.07806	0.0197169	2.05496	2.05496	0.583125	0.86784	-1.15229	5.98185	6.19618	0.920738	1
cg12101479	0.101101	0.623421	-1.60405	0.00548348	0.382469	-2.61459	0.371349	0.785389	-1.27326	0.191541	0.694958	-1.43894	5.97878	6.55893	0.975142	1
cg04287330	0.7247	1.04858	1.04858	0.00910636	0.641107	-1.5598	0.193716	0.831518	-1.20262	0.255966	1.17245	1.17245	5.70883	1.62755	0.253417	1
cg06792911	0.300665	1.23889	1.23889	0.452318	0.858184	-1.16525	0.0421863	0.626561	-1.59601	0.637571	0.909572	-1.09942	4.56418	2.88397	0.561662	1
cg00102166	0.0721	0.548619	-1.82276	0.00716512	0.354037	-2.82457	0.00579654	0.339295	-2.94729	0.667462	0.878744	-1.13799	4.47253	6.33542	1.25913	1
cg03940556	0.0143797	1.36008	1.36008	1.14E-06	0.276046	-3.62258	0.000193675	0.527595	-1.89539	0.00783552	0.70621	-1.41601	27.6854	4.55557	0.146265	1
cg27610561	0.270319	1.10829	1.10829	0.00995354	1.33858	1.33858	0.302449	0.90874	-1.10043	0.0869323	0.844211	-1.18454	13.4572	1.71042	0.112979	1
cg17298269	0.474458	1.09158	1.09158	0.0026023	0.605014	-1.65285	0.78393	0.967432	-1.03366	0.00676342	1.52637	1.52637	7.96077	1.82961	0.204292	1
cg16117472	0.638973	0.959718	-1.04197	0.00051393	0.623893	-1.60284	0.0388378	0.812094	-1.23138	0.744976	1.02881	1.02881	6.27451	0.752431	0.106594	1
cg10156714	0.450268	0.889262	-1.12453	0.178566	1.24363	1.24363	0.63443	0.929526	-1.07582	0.0674052	0.731499	-1.36706	5.12729	1.89004	0.327664	1
cg03123822	0.0288094	1.40961	1.40961	0.00127666	0.534938	-1.86938	0.00289977	0.579727	-1.72495	0.13413	1.24001	1.24001	7.09573	1.99288	0.24965	1
cg02936854	0.102081	0.436629	-2.29027	0.18456	0.522812	-1.91273	0.0222693	0.27591	-3.62436	0.531865	0.748461	-1.33607	5.47274	17.6942	2.51468	1
cg23231026	0.00690511	0.478781	-2.08864	0.558609	0.882859	-1.13268	0.773264	0.940968	-1.06274	0.494098	0.86393	-1.1575	4.5523	3.1987	0.624583	1
cg10972043	0.0205716	0.403363	-2.47916	0.93881	0.975322	-1.0253	0.378135	0.745044	-1.3422	0.228515	0.662759	-1.50884	3.89974	6.54265	1.4913	1
cg01215976	0.417913	0.798298	-1.25266	0.664189	1.12623	1.12623	0.88662	0.961919	-1.03959	0.127716	0.638788	-1.56547	3.45914	4.05739	1.04262	1
cg21495622	0.34527	1.35445	1.35445	0.00468649	3.23235	3.23235	0.00596776	0.325655	-3.07073	0.64111	0.863703	-1.1578	11.2737	17.3934	1.37141	1
cg13824156	0.2214	1.28621	1.28621	0.0574347	1.5232	1.5232	0.00420693	0.472071	-2.11833	0.717509	0.931325	-1.07374	7.86547	4.77675	0.539828	1
cg03039701	0.00498139	0.353564	-2.82834	8.93E-05	0.14064	-7.11034	0.00879348	0.393292	-2.54264	0.000959185	0.252643	-3.95816	25.5803	31.6946	1.10135	1
cg06628901	0.891221	0.97502	-1.02562	0.000186281	0.311484	-3.21044	0.00125083	0.418351	-2.39034	0.000140534	0.296683	-3.3706	18.0411	9.76645	0.481195	1
cg11599694	0.0470811	1.44734	1.44734	0.154959	1.28101	1.28101	0.928125	1.01479	1.01479	0.436762	1.13778	1.13778	9.61171	4.02977	0.372672	1
cg08448341	0.292562	0.615433	-1.62487	0.00884476	0.227294	-4.39958	0.203601	0.550716	-1.81582	0.109764	0.46069	-2.17066	5.52454	17.2914	2.78215	1
cg09563617	0.447747	1.18819	1.18819	0.424589	0.833828	-1.19929	0.154166	0.711805	-1.40488	0.249029	0.764521	-1.30801	3.71336	2.9208	0.699169	1
cg05581394	0.992289	1.00112	1.00112	3.78E-08	0.104146	-9.60187	0.685681	0.954061	-1.04815	0.219532	1.16094	1.16094	51.1355	10.8189	0.188066	1
cg07287345	0.000647097	1.5721	1.5721	0.000875587	1.53954	1.53954	0.0882365	1.17662	1.17662	0.22828	1.11554	1.11554	25.2318	2.98737	0.105242	1
cg01603095	0.0325193	2.32914	2.32914	0.0100495	0.333638	-2.99726	0.000866697	5.41301	5.41301	0.0280505	2.40291	2.40291	8.2857	14.9798	1.60703	1
cg05770947	0.926783	1.01947	1.01947	0.0854359	1.4901	1.4901	0.637274	0.905172	-1.10476	0.0212054	0.559254	-1.78809	7.78529	5.42574	0.619486	1
cg25307593	0.248356	0.786118	-1.27207	0.0473339	0.636031	-1.57225	0.000162248	0.27701	-3.60998	0.145584	1.36563	1.36563	7.49246	4.71919	0.559875	1
cg00790847	0.0724165	0.397712	-2.51438	0.000665936	0.0910906	-10.9781	0.00500568	0.181207	-5.51856	0.463444	0.709467	-1.40951	6.55836	21.9724	2.97803	1
cg02641941	0.0868746	0.66297	-1.50836	0.236676	0.76375	-1.30933	0.138716	1.41404	1.41404	0.0370775	0.590831	-1.69253	6.36094	4.76031	0.665214	1
cg16190510	0.0419028	0.431507	-2.31746	0.00216996	0.213889	-4.67531	0.565533	1.23148	1.23148	0.0286727	0.396465	-2.52229	5.84094	11.8856	1.80879	1
cg23680411	0.68874	1.08675	1.08675	0.224442	1.30166	1.30166	0.565591	1.12749	1.12749	0.84721	1.04066	1.04066	4.60825	3.11528	0.60091	1
cg14061497	0.100451	0.411704	-2.42893	0.00140112	0.102078	-9.79639	0.406684	0.657961	-1.51985	0.083411	0.388648	-2.57302	4.14897	15.9815	3.42393	1
cg21803141	0.204727	0.810124	-1.23438	0.171323	1.25757	1.25757	0.988479	0.997731	-1.00227	0.0190676	0.639865	-1.56283	3.79231	1.48713	0.348573	1
cg25020919	0.300734	0.87236	-1.14632	0.0216894	1.42047	1.42047	0.716465	0.954615	-1.04754	0.00318667	0.598788	-1.67004	21.349	5.48318	0.228297	1
cg17537007	0.635203	1.08627	1.08627	0.134427	1.32241	1.32241	8.17E-05	0.292385	-3.42015	0.00704594	0.54712	-1.82775	15.4967	7.35763	0.422033	1
cg07931785	0.0609752	1.37643	1.37643	0.0522717	1.3965	1.3965	0.498139	0.901184	-1.10965	0.0136397	0.630268	-1.58663	10.0487	3.64275	0.32223	1
cg10097316	0.112004	0.582867	-1.71566	0.000974688	0.216465	-4.61968	0.000975446	0.216506	-4.61881	0.091302	0.559869	-1.78613	9.58896	14.7754	1.36966	1
cg09592224	0.923055	1.01916	1.01916	0.00135653	2.49342	2.49342	0.364065	1.20105	1.20105	0.0286006	0.602147	-1.66072	7.52803	4.5994	0.543085	1
cg12970757	0.0504169	0.680406	-1.46971	0.316927	0.836394	-1.19561	0.810972	1.04224	1.04224	0.313901	0.835393	-1.19704	6.40952	3.02702	0.419794	1
cg11207307	0.881172	0.913846	-1.09428	0.452186	1.58615	1.58615	0.00165106	15.0715	15.0715	0.0455639	3.97858	3.97858	4.32071	24.8243	5.10703	1
cg11417598	0.14236	1.23457	1.23457	0.00029011	2.20282	2.20282	0.943399	0.990557	-1.00953	0.0148214	0.669937	-1.49268	29.6756	8.3912	0.251346	1
cg03464896	0.102622	1.16704	1.16704	0.00060069	1.58062	1.58062	0.391701	0.926908	-1.07886	0.0731381	0.84126	-1.18869	6.59797	0.781722	0.105315	1
cg07649206	0.876951	0.977136	-1.0234	0.000488973	2.26031	2.26031	0.478873	1.11345	1.11345	0.0708868	0.739905	-1.35153	5.21087	1.83891	0.313688	1
cg03699904	0.737279	1.2306	1.2306	0.0972442	0.325735	-3.06998	0.189803	0.424898	-2.35351	0.0332784	4.63416	4.63416	3.74828	22.5491	5.34743	1
cg24302235	0.322392	2.63334	2.63334	0.440208	0.474447	-2.10771	0.334894	0.389854	-2.56506	0.012942	18.5802	18.5802	3.46092	49.1796	12.6311	1
cg17142134	0.722728	0.961254	-1.04031	0.097228	1.22371	1.22371	0.0575447	1.26901	1.26901	0.0190811	0.730011	-1.36984	7.33129	1.42857	0.173209	1
cg07062764	0.00305839	2.7972	2.7972	0.487601	1.19582	1.19582	0.215547	1.39173	1.39173	0.0473939	0.562589	-1.7775	4.88667	4.97684	0.905291	1
cg12911449	0.777614	1.03158	1.03158	0.302966	0.889439	-1.1243	0.000251685	1.94024	1.94024	0.205394	1.15801	1.15801	30.3768	5.80074	0.169742	1
cg07748193	0.000388693	0.693134	-1.44272	0.245145	1.08195	1.08195	0.318159	1.06914	1.06914	0.249495	0.924981	-1.0811	14.3656	0.955167	0.059102	1
cg20313963	0.469062	0.779092	-1.28355	0.00260354	0.243287	-4.11036	0.0224803	0.395983	-2.52536	0.131691	0.576118	-1.73576	4.40081	8.00442	1.61676	1
cg02511315	0.180741	0.55226	-1.81074	0.0222446	0.318283	-3.14186	0.0156874	0.290173	-3.44622	0.142914	0.517981	-1.93057	3.6938	10.2107	2.45713	1
cg09103232	0.601335	1.03453	1.03453	4.34E-08	0.289907	-3.44938	0.523472	1.04252	1.04252	0.00704079	0.799049	-1.25149	57.036	3.74584	0.0583778	1
cg02694091	0.4299	1.04111	1.04111	5.25E-05	0.685314	-1.45918	0.473815	1.0371	1.0371	0.0562748	1.11414	1.11414	13.2472	0.524525	0.0351958	1
cg03670302	0.0361567	0.23845	-4.19375	0.000793967	0.0442015	-22.6236	0.000770207	0.0434923	-22.9926	0.0121517	0.155603	-6.42662	10.2212	46.4938	3.98018	1
cg26480745	0.252487	1.27572	1.27572	0.00125108	2.61226	2.61226	0.0255235	0.582368	-1.71713	0.361775	0.826153	-1.21043	7.80359	5.12936	0.584273	1
cg06891043	0.078904	0.469355	-2.13058	0.0905091	0.485266	-2.06073	0.00326303	0.211236	-4.73404	0.0417551	0.402584	-2.48395	3.75623	8.94075	2.11577	1
cg05276137	0.667175	0.867166	-1.15318	0.00820854	3.04688	3.04688	0.621679	1.17806	1.17806	0.459625	0.780329	-1.28151	3.53374	6.0742	1.52792	1
cg06226150	0.202433	1.45184	1.45184	0.068168	1.76091	1.76091	0.174004	1.49283	1.49283	0.12087	0.627499	-1.59363	4.14788	5.04213	1.08053	1
cg13869484	0.00210004	1.71781	1.71781	2.95E-05	0.359225	-2.78377	0.0655508	1.29493	1.29493	0.0023784	0.588755	-1.6985	20.0099	4.95588	0.220153	1
cg16104584	0.00891408	0.365728	-2.73427	0.000267662	0.163956	-6.09919	0.0077022	0.355215	-2.8152	0.000287834	0.167168	-5.98199	15.0525	21.7847	1.28644	1
cg25602242	0.042324	1.61239	1.61239	0.0138764	1.86085	1.86085	0.0501569	1.57804	1.57804	0.933821	1.01711	1.01711	5.33735	3.52753	0.58748	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23737366	SLC2A5	0.0151153	0.183381	0.692052	-1.44498	0.742025	0.917468	-1.08996	0.0633222	0.5801	-1.72384	0.00351171	0.356166	-2.80768	0.000985644	0.278845	-3.58622
cg21689824	SLC2A5	0.0280636	0.260157	0.841276	-1.18867	0.28739	0.849976	-1.1765	0.456317	0.894366	-1.11811	0.0314687	0.689865	-1.44956	0.0107023	0.62372	-1.60328
cg02289343	SLC2A5	0.0406955	0.00606246	0.250616	-3.99017	0.0201107	0.338706	-2.95241	0.175787	1.74339	1.74339	0.480913	1.31869	1.31869	0.389567	0.711454	-1.40557
cg15545739	SLC2A5;SLC2A5	0.000107647	0.000463537	0.375999	-2.65958	0.801903	1.04566	1.04566	0.000253762	0.342767	-2.91743	0.0152249	1.69784	1.69784	0.000373344	0.363943	-2.74769
cg09859080	SLC2A5;SLC2A5	0.00134811	0.023359	3.16675	3.16675	0.000253675	13.0009	13.0009	0.131362	1.99962	1.99962	0.0133086	3.68685	3.68685	0.000873158	8.36463	8.36463
cg24552773	SLC2A5;SLC2A5	0.0183255	0.117911	0.767099	-1.30361	0.0227287	1.53081	1.53081	0.0125366	0.615736	-1.62407	0.578029	0.91599	-1.09171	0.0298294	0.670862	-1.49062
cg04901835	SLC2A5;SLC2A5;SLC2A5	0.00475374	0.00200914	0.482383	-2.07304	0.61078	1.08964	1.08964	0.00317954	0.509767	-1.96168	0.0632912	0.705177	-1.41808	0.00198327	0.481617	-2.07634
cg00155732	SLC2A5;SLC2A5;SLC2A5	0.00859944	0.0110056	0.615108	-1.62573	0.572293	0.91674	-1.09082	0.0323934	0.682754	-1.46466	0.00306021	0.539069	-1.85505	0.0604836	0.724339	-1.38057
cg00690929	SLC2A5;SLC2A5;SLC2A5	0.01875	0.725588	0.892639	-1.12027	0.906791	0.962954	-1.03847	0.0396966	0.464633	-2.15224	0.0506561	0.487867	-2.04974	0.169152	0.623697	-1.60334
cg01800148	SLC2A5;SLC2A5;SLC2A5	0.0208858	0.0163341	0.300186	-3.33127	0.0104147	0.266561	-3.75149	0.246994	0.608856	-1.64242	0.293979	0.640076	-1.56232	0.0591914	0.417631	-2.39446
cg14082398	SLC2A6;SLC2A6	0.0019645	0.138927	0.799579	-1.25066	0.298088	0.859449	-1.16354	0.0534855	1.36067	1.36067	0.505372	0.90946	-1.09955	0.264253	0.849248	-1.17751
cg08397813	SLC2A6;SLC2A6	0.00734934	0.581314	0.937818	-1.0663	0.00110471	1.74069	1.74069	0.271334	1.1411	1.1411	0.549309	0.932548	-1.07233	0.816598	0.973578	-1.02714
cg14115249	SLC2A6;SLC2A6	0.00751747	0.614466	0.939981	-1.06385	0.00197431	0.586978	-1.70364	0.0459143	0.756673	-1.32157	0.445082	1.09951	1.09951	0.302704	1.13895	1.13895
cg00411595	SLC2A6;SLC2A6	0.0216772	0.0782065	0.554549	-1.80327	0.428274	1.27595	1.27595	0.180516	0.651492	-1.53494	0.0107512	0.3807	-2.62674	0.00956968	0.372085	-2.68756
cg02257517	SLC2A6;SLC2A6	0.0499034	0.651702	0.886952	-1.12746	0.171437	0.680865	-1.46872	0.108173	0.629579	-1.58836	0.387436	0.791463	-1.26348	0.00331613	0.347918	-2.87424
cg03216475	SLC2A7	0.000187146	0.541732	1.06414	1.06414	0.187347	0.868808	-1.151	0.00111253	0.616673	-1.62161	0.835639	1.02113	1.02113	5.22E-06	0.353157	-2.8316
cg03886254	SLC2A7	0.00387228	0.818173	0.95853	-1.04326	0.013265	1.75855	1.75855	0.168126	1.31017	1.31017	0.0652863	0.68345	-1.46316	0.00454739	0.498985	-2.00407
cg24027679	SLC2A7	0.00567747	0.0105182	0.496732	-2.01316	0.0744439	0.649221	-1.54031	0.0435262	0.603802	-1.65617	0.00420996	0.434719	-2.30034	0.000262154	0.271415	-3.6844
cg04437482	SLC2A7	0.00825485	0.322624	0.829069	-1.20617	0.489939	0.879262	-1.13732	0.0305201	0.627257	-1.59424	0.815566	1.0438	1.0438	0.000208969	0.320384	-3.12125
cg16084788	SLC2A7	0.0411033	0.672664	0.930183	-1.07506	0.0282825	0.643367	-1.55432	0.125889	0.754234	-1.32585	0.0581421	0.694408	-1.44008	0.183684	1.27153	1.27153
cg00577364	SLC2A8	0.00694611	0.0486872	1.26209	1.26209	0.257135	0.884916	-1.13005	0.972113	0.996393	-1.00362	0.0740068	1.22856	1.22856	0.070044	0.811078	-1.23293
cg14250560	SLC2A8	0.0325088	0.0272838	2.82082	2.82082	0.899783	1.05129	1.05129	0.190432	0.576678	-1.73407	0.297398	1.53553	1.53553	0.887079	0.945153	-1.05803
cg23642392	SLC2A9	0.00040068	0.00884665	0.328228	-3.04666	0.00293173	0.255112	-3.91985	0.00860615	0.326244	-3.06519	0.02752	0.418355	-2.39031	0.00103758	0.197136	-5.07265
cg08649013	SLC2A9	0.00360674	0.00784079	0.459422	-2.17665	0.186746	0.726862	-1.37578	0.000732767	0.310413	-3.22152	0.206276	0.737949	-1.35511	0.000887249	0.321368	-3.1117
cg25788793	SLC2A9	0.0109008	0.0059324	0.284955	-3.50933	0.482796	0.779705	-1.28254	0.0323148	0.41711	-2.39745	0.0816093	0.510011	-1.96074	0.0103962	0.324416	-3.08246
cg14959260	SLC2A9;SLC2A9	4.90E-05	0.000341072	0.258843	-3.86334	0.78692	1.06553	1.06553	0.000431484	0.271325	-3.68562	0.758108	1.07505	1.07505	2.83E-06	0.0723037	-13.8305
cg00084184	SLC2A9;SLC2A9	0.000171977	0.00581768	0.461083	-2.16881	0.000982357	0.349822	-2.85859	0.000883224	0.343619	-2.9102	0.757942	1.06851	1.06851	1.66E-05	0.149883	-6.67189
cg13755419	SLC2A9;SLC2A9	0.0023125	0.560733	0.878272	-1.1386	0.0836815	1.52563	1.52563	0.000640255	0.31459	-3.17874	0.937203	0.982764	-1.01754	0.000345996	0.280754	-3.56183
cg27219691	SLC2A9;SLC2A9	0.00354617	0.0894273	0.71311	-1.40231	0.0421569	0.65529	-1.52604	0.000615602	0.385937	-2.5911	0.171125	0.768661	-1.30096	0.188622	0.777639	-1.28594
cg11266682	SLC2A9;SLC2A9	0.00523118	0.528576	1.1947	1.1947	0.00221918	0.302904	-3.30138	0.541744	1.1878	1.1878	0.100267	0.605486	-1.65157	0.0188043	0.452444	-2.21022
cg11158629	SLC2A9;SLC2A9	0.00660298	0.542022	0.878898	-1.13779	0.00751586	0.487013	-2.05333	0.00101774	0.360954	-2.77044	0.846735	1.0413	1.0413	0.167862	0.735359	-1.35988
cg00071950	SLC2A9;SLC2A9	0.00673999	0.062648	0.624206	-1.60204	0.00551044	0.4401	-2.27221	0.00315391	0.403491	-2.47837	0.0283122	0.558553	-1.79034	0.0124349	0.496697	-2.0133
cg04077085	SLC2A9;SLC2A9	0.00704511	0.0766097	0.63565	-1.57319	0.300811	0.781416	-1.27973	0.000172026	0.230306	-4.34205	0.225287	0.746036	-1.34042	0.306363	0.783776	-1.27587
cg16785938	SLC2A9;SLC2A9	0.00824444	0.243941	0.799078	-1.25144	0.305092	1.21579	1.21579	0.916955	0.980993	-1.01938	0.0661237	0.684366	-1.46121	0.000283645	0.335851	-2.97751
cg03725404	SLC2A9;SLC2A9	0.00984885	0.701543	0.90591	-1.10386	0.0399629	0.543749	-1.83908	0.00341595	0.360267	-2.77572	0.550731	0.856489	-1.16756	0.0015694	0.311753	-3.20767
cg02734326	SLC2A9;SLC2A9	0.0261494	0.630566	0.860518	-1.16209	0.00960768	0.361933	-2.76294	0.0594691	0.517119	-1.93379	0.45244	0.788757	-1.26782	0.0781612	0.545152	-1.83435
cg20479063	SLC2A9;SLC2A9	0.0301323	0.0636881	0.690171	-1.44892	0.490619	1.13263	1.13263	0.519972	0.890467	-1.12301	0.0563816	1.46857	1.46857	0.0093263	0.556218	-1.79786
cg25117600	SLC2A9;SLC2A9	0.0326721	0.113069	0.430903	-2.32071	0.0390366	0.311572	-3.20953	0.00509794	0.164165	-6.09141	0.0811136	0.389055	-2.57033	0.00651107	0.17797	-5.61893
cg01143423	SLC30A1	0.0028703	0.00920659	0.558249	-1.79131	0.0289309	0.635023	-1.57475	0.00324684	2.02941	2.02941	0.79807	0.955803	-1.04624	0.0337268	0.645827	-1.5484
cg01575408	SLC30A1	0.0150537	0.00152843	0.484339	-2.06467	0.149149	1.2787	1.2787	0.0550854	1.4129	1.4129	0.495097	1.11638	1.11638	0.763111	1.04921	1.04921
cg13976045	SLC30A1	0.0261907	0.809167	1.08015	1.08015	0.640604	1.16163	1.16163	0.666185	1.14832	1.14832	0.976154	1.00957	1.00957	0.533965	1.22229	1.22229
cg19267867	SLC30A1	0.0341882	0.356978	1.32827	1.32827	0.00517724	0.315945	-3.16511	0.0408203	0.486461	-2.05566	0.230097	1.46004	1.46004	0.4016	0.773328	-1.29311
cg02557906	SLC30A10	0.000124407	0.00091242	0.485082	-2.06151	0.0344243	0.697696	-1.43329	0.022095	0.67001	-1.49251	0.285662	0.850609	-1.17563	3.97E-05	0.317815	-3.14649
cg25841634	SLC30A10	0.000823267	0.242498	1.15624	1.15624	0.377204	0.89804	-1.11354	0.716679	1.0442	1.0442	0.0263473	1.36698	1.36698	0.161345	0.837342	-1.19425
cg12355180	SLC30A10	0.0023723	0.000259417	1.69342	1.69342	0.253678	0.900784	-1.11014	0.00212756	0.684943	-1.45998	0.727612	1.03113	1.03113	0.0976521	1.17269	1.17269
cg07005353	SLC30A10	0.00329889	0.475052	0.844139	-1.18464	0.702724	0.914438	-1.09357	0.00100068	0.319931	-3.12567	0.0212232	1.9081	1.9081	0.0967895	0.653627	-1.52993
cg19313402	SLC30A10	0.00695203	0.0548127	1.74551	1.74551	0.00206169	3.03444	3.03444	0.0372153	1.85625	1.85625	0.024457	1.98498	1.98498	0.0404519	0.54591	-1.8318
cg27295373	SLC30A10	0.0276486	0.6791	1.21862	1.21862	0.192217	1.92717	1.92717	0.0141991	4.21182	4.21182	0.0930139	2.40682	2.40682	0.0373586	0.317164	-3.15294
cg23815582	SLC30A10;SLC30A10	0.00247429	0.0180386	0.661977	-1.51063	0.226848	0.833431	-1.19986	0.0001887	0.404836	-2.47014	0.724996	0.950545	-1.05203	0.00122421	0.507008	-1.97235
cg10325600	SLC30A10;SLC30A10	0.0273872	0.702767	0.943627	-1.05974	0.477087	1.11562	1.11562	0.521976	0.90645	-1.10321	0.406703	1.13707	1.13707	0.896041	0.98041	-1.01998
cg03987192	SLC30A2;SLC30A2	5.28E-05	0.0712765	1.5166	1.5166	0.356179	0.821854	-1.21676	0.329203	0.812066	-1.23143	0.132333	1.39899	1.39899	0.00138162	0.38336	-2.60851
cg19304093	SLC30A2;SLC30A2	8.19E-05	0.000203567	0.256015	-3.90602	0.866224	0.963785	-1.03758	0.000654641	0.318945	-3.13533	0.000629716	0.316752	-3.15705	0.000115591	0.227891	-4.38805
cg01689405	SLC30A2;SLC30A2	0.000218387	0.00197206	0.383489	-2.60764	0.036661	0.587335	-1.70261	0.00257236	0.400054	-2.49966	0.464151	0.849327	-1.1774	0.0013652	0.361112	-2.76923
cg00349061	SLC30A2;SLC30A2	0.00299368	0.697827	1.26445	1.26445	0.0808717	0.312198	-3.20309	0.527172	0.680246	-1.47006	0.812318	1.15378	1.15378	0.0112897	0.148327	-6.74185
cg19895786	SLC30A2;SLC30A2	0.00330536	0.0292663	0.640237	-1.56192	0.86506	0.970901	-1.02997	0.646277	0.922901	-1.08354	0.18814	1.27397	1.27397	0.0122151	0.581526	-1.71961
cg07766612	SLC30A2;SLC30A2	0.0111342	0.27644	1.25103	1.25103	0.164428	0.745663	-1.34109	0.491344	1.14831	1.14831	0.194259	1.31219	1.31219	0.270264	1.25497	1.25497
cg21957156	SLC30A2;SLC30A2	0.0168081	0.953281	0.994039	-1.006	0.188912	1.15262	1.15262	0.063577	1.23719	1.23719	0.0922275	0.827686	-1.20819	0.0513392	1.25408	1.25408
cg00703260	SLC30A2;SLC30A2	0.0214581	0.0135735	0.230051	-4.34686	0.103461	2.35559	2.35559	0.421214	0.673466	-1.48486	0.663503	1.23444	1.23444	0.961098	0.976807	-1.02374
cg12742826	SLC30A2;SLC30A2	0.0253276	0.0183739	0.285888	-3.49787	0.166351	0.524195	-1.90769	0.137613	0.496687	-2.01334	0.0499726	0.375933	-2.66005	0.00892783	0.233201	-4.28816
cg05674944	SLC30A2;SLC30A2	0.0288331	0.714199	0.915666	-1.0921	0.580213	0.874753	-1.14318	0.0105416	2.16142	2.16142	0.680541	1.10425	1.10425	0.412992	0.818339	-1.22199
cg18303360	SLC30A2;SLC30A2	0.0317397	0.0698372	0.473502	-2.11193	0.0785433	0.48648	-2.05558	0.0399751	0.416672	-2.39997	0.290202	0.667113	-1.499	0.0293531	0.388138	-2.57641
cg02924562	SLC30A2;SLC30A2;SLC30A2;SLC30A2	0.0167645	0.572309	0.791739	-1.26304	0.14104	0.523135	-1.91155	0.862071	0.931302	-1.07377	0.42179	0.714728	-1.39913	0.255768	0.615362	-1.62506
cg00303811	SLC30A3	1.47E-05	0.085659	0.69732	-1.43406	0.00533497	0.498301	-2.00682	3.81E-05	0.223257	-4.47914	0.131693	1.36179	1.36179	0.031169	0.618832	-1.61595
cg02915746	SLC30A3	0.000138156	0.852288	0.962048	-1.03945	0.517955	0.872797	-1.14574	0.00684151	2.06907	2.06907	7.43E-05	0.224474	-4.45486	0.0169488	0.546338	-1.83037
cg17206420	SLC30A3	0.000540931	0.13803	0.707362	-1.4137	0.117047	1.44643	1.44643	0.00613181	0.460563	-2.17125	0.113745	1.45215	1.45215	0.00364342	0.426274	-2.34591
cg03875195	SLC30A3	0.00272319	0.338812	0.826012	-1.21064	0.90732	0.977674	-1.02284	0.755639	1.06239	1.06239	0.974389	1.00624	1.00624	0.32419	0.820869	-1.21822
cg20885815	SLC30A3	0.00277788	0.00478185	0.240156	-4.16395	0.177954	1.72499	1.72499	0.157944	0.562696	-1.77716	0.450636	0.746199	-1.34013	0.000989958	0.155037	-6.45008
cg18219563	SLC30A3	0.00307083	0.848031	0.966727	-1.03442	0.699796	0.933942	-1.07073	0.696726	1.07153	1.07153	0.396297	0.857945	-1.16558	0.313926	0.832189	-1.20165
cg23587288	SLC30A3	0.00957957	0.0683899	0.331582	-3.01584	0.770798	0.853811	-1.17122	0.0557452	0.309539	-3.23061	0.682764	0.800663	-1.24897	0.00613362	0.144461	-6.92229
cg10629682	SLC30A3	0.0327767	0.269037	0.53242	-1.87822	0.375676	1.64518	1.64518	0.439841	1.53939	1.53939	0.594028	0.744837	-1.34258	0.00423357	0.122871	-8.13859
cg24594459	SLC30A3	0.0406493	0.053286	0.339682	-2.94393	0.86237	1.08908	1.08908	0.450242	0.684992	-1.45987	0.111128	0.425906	-2.34794	0.0359567	0.301217	-3.31986
cg19461344	SLC30A3;SLC30A3	0.000227393	0.4369	0.901232	-1.10959	0.0785116	0.773951	-1.29207	0.0464091	0.741458	-1.34869	0.14517	0.814538	-1.22769	0.148801	0.816248	-1.22512
cg09958967	SLC30A3;SLC30A3	0.0104817	0.262032	0.896356	-1.11563	0.305707	0.905542	-1.10431	0.909989	0.989475	-1.01064	0.0859265	0.837323	-1.19428	0.509575	0.93933	-1.06459
cg20246331	SLC30A4;C15orf21	0.000349102	0.00868832	1.17509	1.17509	0.32283	1.0505	1.0505	0.020967	0.874588	-1.1434	0.18142	1.07084	1.07084	0.00793551	1.17849	1.17849
cg09444979	SLC30A4;C15orf21	0.005251	0.0336832	1.49712	1.49712	0.946683	1.01094	1.01094	0.134777	1.29991	1.29991	0.0493919	1.44028	1.44028	0.133877	1.30083	1.30083
cg08057475	SLC30A4;C15orf21	0.00650393	0.513715	1.12537	1.12537	0.226729	0.797441	-1.25401	0.00186745	0.45522	-2.19674	0.838404	1.03709	1.03709	0.15413	0.761797	-1.31269
cg09886921	SLC30A4;C15orf21	0.00811818	0.00864344	0.734891	-1.36075	0.149368	0.867406	-1.15286	0.00579478	0.717079	-1.39455	0.0135099	1.32486	1.32486	0.102834	0.848562	-1.17846
cg05305278	SLC30A4;C15orf21	0.0197239	0.0529666	0.366837	-2.72601	0.292566	0.607798	-1.64528	0.277987	0.597853	-1.67265	0.0417556	0.342947	-2.9159	0.00319392	0.159512	-6.26914
cg08027001	SLC30A4;C15orf21	0.0238392	0.0657108	0.826805	-1.20948	0.0965472	1.18296	1.18296	0.06964	1.20545	1.20545	0.977071	0.997357	-1.00265	0.482651	1.06791	1.06791
cg26252350	SLC30A4;C15orf21;SLC30A4	0.022198	0.00326506	0.147697	-6.77062	0.240305	1.79744	1.79744	0.876679	1.07688	1.07688	0.0491535	0.342648	-2.91845	0.150915	0.479912	-2.08372
cg08918057	SLC30A5	0.0164003	0.0342264	0.603873	-1.65598	0.0303403	0.59468	-1.68158	0.0054787	0.47442	-2.10784	0.833406	1.04394	1.04394	0.00650304	0.485748	-2.05868
cg16341261	SLC30A5;SLC30A5	0.000696751	0.000304548	0.0615854	-16.2376	0.0236505	0.277101	-3.6088	0.00460907	0.166793	-5.99544	0.00325188	0.148637	-6.72778	0.000188385	0.0501869	-19.9255
cg15337887	SLC30A5;SLC30A5	0.00251944	0.00285865	0.649414	-1.53985	0.663036	0.954934	-1.04719	0.216442	1.14661	1.14661	0.711428	0.961671	-1.03986	0.000935994	0.594895	-1.68097
cg02679582	SLC30A5;SLC30A5	0.00506587	0.00899503	1.54349	1.54349	0.0089354	1.54437	1.54437	0.00384031	1.66392	1.66392	0.028795	1.40065	1.40065	0.380902	1.12462	1.12462
cg04270736	SLC30A6	0.000634328	0.123859	0.881643	-1.13425	0.7164	1.02796	1.02796	0.000633277	0.672439	-1.48712	0.0834799	0.865182	-1.15583	0.811665	0.982118	-1.01821
cg02613156	SLC30A6	0.0113162	0.0726719	0.716909	-1.39488	0.131207	0.762746	-1.31105	0.0306999	0.65582	-1.52481	0.00277661	0.503809	-1.98488	0.453727	0.880874	-1.13524
cg10277836	SLC30A6	0.0170527	0.908443	1.03607	1.03607	0.00158809	0.24757	-4.03927	0.0235617	0.434839	-2.2997	0.30594	0.721478	-1.38604	0.420005	1.28884	1.28884
cg09469033	SLC30A6	0.0449912	0.057867	1.35266	1.35266	0.406763	1.127	1.127	0.199088	1.21064	1.21064	0.919275	0.985821	-1.01438	?	?	?
cg12899842	SLC30A6;SLC30A6	0.0109549	0.00112997	0.61844	-1.61697	0.406229	1.08895	1.08895	0.231276	1.13421	1.13421	0.131532	0.849355	-1.17736	0.0137486	0.736757	-1.3573
cg00063077	SLC30A7;EXTL2;EXTL2;SLC30A7	0.000100421	0.0372392	0.373367	-2.67833	0.354092	1.47467	1.47467	0.934606	0.967118	-1.034	0.126438	1.96129	1.96129	0.943743	0.971656	-1.02917
cg23259435	SLC30A7;EXTL2;EXTL2;SLC30A7	0.00598127	0.723223	1.06014	1.06014	0.102057	1.34164	1.34164	0.0133867	0.604668	-1.6538	0.970971	0.994042	-1.00599	0.0833068	1.37007	1.37007
cg15686842	SLC30A7;EXTL2;EXTL2;SLC30A7	0.010319	0.00043435	0.426406	-2.34518	0.96401	0.99311	-1.00694	0.693112	1.06266	1.06266	0.00993116	0.607125	-1.64711	0.763382	0.954791	-1.04735
cg09874052	SLC30A7;EXTL2;SLC30A7;EXTL2	0.00143444	0.0432171	0.585365	-1.70834	0.211233	0.738375	-1.35432	0.159543	1.41358	1.41358	0.777296	1.06748	1.06748	0.889501	1.03253	1.03253
cg02065717	SLC30A7;SLC30A7	0.0203774	0.794405	0.952584	-1.04978	0.164024	0.758646	-1.31814	0.432532	0.861581	-1.16066	0.0745017	0.691018	-1.44714	0.00571678	1.96208	1.96208
cg16925880	SLC30A7;SLC30A7	0.0492142	0.0454969	0.340382	-2.93788	0.018626	0.261791	-3.81984	0.046433	0.34241	-2.92047	0.652684	0.808276	-1.2372	0.00961934	0.214389	-4.66443
cg09439192	SLC30A8	0.00261474	0.896298	0.97178	-1.02904	0.19854	1.34753	1.34753	0.0414339	0.596749	-1.67575	0.000932377	0.338022	-2.95839	0.0387594	0.591341	-1.69107
cg23338195	SLC30A8	0.00975179	0.605496	0.857675	-1.16594	0.226964	0.688134	-1.4532	0.000673875	0.216075	-4.62802	0.00961046	0.380626	-2.62725	0.0150657	0.41467	-2.41156
cg22342922	SLC30A8	0.0238268	0.782754	1.09437	1.09437	0.705477	1.13188	1.13188	0.202026	0.644349	-1.55195	0.833387	0.93358	-1.07115	0.00185192	0.236512	-4.22811
cg07061355	SLC30A8	0.0263142	0.699696	0.92889	-1.07655	0.07255	0.682969	-1.4642	0.00370348	0.474084	-2.10933	0.163411	0.753455	-1.32722	0.537904	1.12603	1.12603
cg26687497	SLC30A8;SLC30A8	0.00234813	0.128951	0.511304	-1.95578	0.464087	0.737377	-1.35616	0.0149332	0.294144	-3.39969	0.0321516	0.358433	-2.78992	0.00146186	0.152785	-6.54515
cg26877604	SLC30A9	0.00235116	0.00775876	0.305656	-3.27165	0.0210955	0.382302	-2.61573	0.00885803	0.315069	-3.17391	0.0108263	0.329729	-3.03279	0.000598948	0.159487	-6.2701
cg09414773	SLC30A9	0.00609482	0.431877	1.0861	1.0861	0.452307	1.08203	1.08203	0.00052338	1.74484	1.74484	0.83971	0.979364	-1.02107	0.599417	1.05608	1.05608
cg07260532	SLC30A9	0.00747549	0.552675	0.882152	-1.13359	0.0065678	0.478577	-2.08953	0.72488	1.07655	1.07655	0.336556	0.813147	-1.22979	0.000674621	0.337814	-2.96021
cg12853184	SLC30A9	0.00763914	0.155216	1.38333	1.38333	0.000239942	0.273383	-3.65788	0.26911	0.782286	-1.2783	0.414723	1.19466	1.19466	0.370615	0.821899	-1.2167
cg10106268	SLC30A9	0.0136218	?	?	?	0.355886	1.26532	1.26532	0.644132	1.12217	1.12217	0.00100008	0.297962	-3.35614	0.299257	1.30551	1.30551
cg09852079	SLC30A9	0.0230497	0.0298382	0.330538	-3.02537	0.694459	1.18646	1.18646	0.239171	1.70548	1.70548	0.359503	1.50384	1.50384	?	?	?
cg06568401	SLC30A9	0.0246824	0.565228	1.11536	1.11536	0.256954	0.800765	-1.24881	0.13074	0.736051	-1.3586	0.892802	0.974998	-1.02564	0.000775354	0.384701	-2.59942
cg08321272	SLC30A9;SLC30A9	0.0486857	0.635888	0.893682	-1.11897	0.563566	1.14754	1.14754	0.55503	1.15109	1.15109	0.0568384	0.601694	-1.66198	0.93304	1.02	1.02
cg14451627	SLC31A1	7.77E-05	0.25222	0.831458	-1.20271	0.513085	0.902703	-1.10778	0.472847	1.11927	1.11927	0.000852831	0.46147	-2.16699	1.51E-06	0.152605	-6.55285
cg09017792	SLC31A2	0.0113923	0.00463868	0.545687	-1.83255	0.0112998	0.600327	-1.66576	0.879592	1.02468	1.02468	0.0117445	0.602747	-1.65907	0.0168011	0.625437	-1.59888
cg05706061	SLC31A2	0.015423	0.0779032	0.495083	-2.01986	0.103289	1.89542	1.89542	0.700392	1.14883	1.14883	0.586637	0.821181	-1.21776	0.00782538	0.29378	-3.40391
cg14485581	SLC31A2	0.0228893	0.171568	0.773873	-1.2922	0.0150633	1.69243	1.69243	0.0685838	0.698347	-1.43195	0.291065	1.21283	1.21283	0.00320072	0.492266	-2.03142
cg06577241	SLC32A1	1.53E-05	0.0455995	0.791466	-1.26348	0.00102186	0.608476	-1.64345	0.233746	1.13583	1.13583	0.00978627	0.716596	-1.39549	0.0790704	0.819608	-1.2201
cg19675084	SLC32A1	3.35E-05	0.0468461	0.735466	-1.35968	0.525448	0.916788	-1.09077	0.689889	0.947285	-1.05565	0.4831	1.10102	1.10102	0.0254849	1.43113	1.43113
cg25307168	SLC32A1	6.03E-05	0.000169715	0.460298	-2.1725	0.0259102	0.725544	-1.37828	0.77439	1.03548	1.03548	0.124778	0.817412	-1.22337	0.00886044	0.667523	-1.49808
cg05936441	SLC32A1	6.93E-05	0.800929	0.963385	-1.03801	0.00316154	1.81378	1.81378	0.000502085	2.23298	2.23298	0.379295	1.14244	1.14244	9.00E-05	2.81291	2.81291
cg15230781	SLC32A1	0.000153084	0.340564	0.858394	-1.16497	0.687966	0.939164	-1.06478	0.236716	0.824699	-1.21256	0.47504	1.11955	1.11955	0.17014	0.796812	-1.255
cg12451099	SLC32A1	0.000341527	0.21121	0.739652	-1.35199	0.000145124	4.47164	4.47164	0.000519466	3.45307	3.45307	0.031292	1.78324	1.78324	0.016523	1.95517	1.95517
cg27580318	SLC32A1	0.00064583	0.871145	1.02095	1.02095	0.0128696	0.674001	-1.48368	0.817575	1.02995	1.02995	0.088073	1.2718	1.2718	0.00752662	1.55166	1.55166
cg01650904	SLC32A1	0.00112169	0.0561948	0.66171	-1.51124	0.00752204	1.9286	1.9286	0.000358386	2.9846	2.9846	0.408684	1.17511	1.17511	0.840789	0.962322	-1.03915
cg10481065	SLC32A1	0.00176397	0.000249077	8.20157	8.20157	0.223487	1.56078	1.56078	0.136484	1.74788	1.74788	0.908299	0.960686	-1.04092	0.00167436	4.77852	4.77852
cg26877715	SLC32A1	0.002865	0.00840685	1.99315	1.99315	0.0971607	0.688647	-1.45212	0.745841	1.06891	1.06891	0.0833773	1.481	1.481	0.371567	0.828625	-1.20682
cg15490840	SLC32A1	0.00288083	0.205701	0.65746	-1.52101	0.000750633	0.200664	-4.98346	0.119736	1.69944	1.69944	0.345946	0.737193	-1.3565	0.187014	0.644458	-1.55169
cg02979819	SLC32A1	0.00691883	0.000511827	3.13485	3.13485	0.997471	1.00067	1.00067	0.222801	0.763529	-1.30971	0.321109	1.24097	1.24097	0.00245399	2.42886	2.42886
cg16782807	SLC32A1	0.00935243	?	?	?	0.20835	0.412112	-2.42652	0.362963	0.536651	-1.86341	?	?	?	0.0977696	0.294723	-3.39302
cg10615414	SLC32A1	0.0219806	0.0844603	2.73648	2.73648	0.376836	1.61338	1.61338	0.16826	2.16945	2.16945	0.0564373	3.12437	3.12437	0.0766826	2.82512	2.82512
cg13915754	SLC32A1	0.0282277	0.0467625	0.549487	-1.81988	0.953499	0.984779	-1.01546	0.0217751	0.484691	-2.06317	0.28215	0.745315	-1.34171	0.972512	1.0091	1.0091
cg10216615	SLC32A1;SLC32A1	1.97E-05	0.155469	0.914094	-1.09398	0.017936	1.18528	1.18528	0.152046	1.09492	1.09492	0.00868234	0.820648	-1.21855	0.0730045	0.888546	-1.12543
cg24454144	SLC32A1;SLC32A1	2.89E-05	0.859194	0.969409	-1.03156	0.0684477	0.69984	-1.4289	0.166721	0.772627	-1.29429	0.157794	0.76778	-1.30246	0.00505266	0.522733	-1.91302
cg08313939	SLC32A1;SLC32A1	3.46E-05	0.331991	1.15365	1.15365	0.0681546	1.33869	1.33869	0.0750312	1.32728	1.32728	0.115981	1.27632	1.27632	0.743703	1.04797	1.04797
cg22068985	SLC33A1	0.000525514	0.000385662	0.262056	-3.81598	0.00663643	2.3004	2.3004	0.0615694	1.64529	1.64529	0.933564	1.01991	1.01991	4.89E-05	0.164468	-6.08021
cg25375916	SLC33A1	0.00430578	0.0509251	0.434157	-2.30331	0.00296075	0.216405	-4.62096	0.563664	0.803297	-1.24487	0.262632	1.54995	1.54995	0.0217731	2.81015	2.81015
cg12335906	SLC33A1	0.0202798	0.0292903	0.633574	-1.57835	0.633238	1.0892	1.0892	0.62584	0.916368	-1.09126	0.795478	0.954881	-1.04725	0.00552503	0.523015	-1.91199
cg02868222	SLC33A1	0.0223341	0.00816981	5.74746	5.74746	0.111783	2.44665	2.44665	0.232942	1.90822	1.90822	0.186968	2.05985	2.05985	0.073849	0.357231	-2.79931
cg09452751	SLC33A1	0.0315861	0.416696	1.20229	1.20229	0.0220157	1.83977	1.83977	0.0298514	1.76345	1.76345	0.661162	1.10284	1.10284	0.49842	0.858529	-1.16478
cg08090734	SLC33A1	0.0418111	0.0150764	0.667778	-1.4975	0.0305804	0.709293	-1.40986	0.0116454	1.53152	1.53152	0.755536	1.04313	1.04313	0.490053	0.90957	-1.09942
cg05451654	SLC33A1;SLC33A1	5.15E-05	0.000791897	1.67867	1.67867	0.0487371	1.25857	1.25857	0.0443485	1.26613	1.26613	0.880594	0.98476	-1.01548	0.00037969	1.78605	1.78605
cg05207973	SLC34A1	0.000327352	0.00696833	1.74261	1.74261	0.000252416	2.61172	2.61172	0.00110971	0.465525	-2.14811	0.00221524	1.97825	1.97825	0.0310159	0.668403	-1.4961
cg18003583	SLC34A1	0.00610953	0.228764	0.733146	-1.36398	0.00233352	0.351888	-2.84181	0.000294535	0.234751	-4.25983	0.409428	0.812754	-1.23039	0.303677	0.769658	-1.29928
cg02635677	SLC34A1	0.0185975	0.241456	0.716433	-1.3958	0.43483	0.805163	-1.24198	0.00133974	0.281474	-3.55272	0.153589	0.659985	-1.51519	0.87461	1.04389	1.04389
cg04486885	SLC34A1	0.0256245	0.39364	1.118	1.118	0.000570214	1.97616	1.97616	0.81745	0.970916	-1.02996	0.0523028	1.32545	1.32545	0.385054	0.89254	-1.12041
cg17685465	SLC34A1	0.0357151	0.181091	0.711612	-1.40526	0.395081	0.811638	-1.23208	0.286278	0.766946	-1.30391	0.00393644	0.394746	-2.53327	0.860671	0.942944	-1.06051

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23737366	0.0448432	0.548564	-1.82294	0.962888	1.01221	1.01221	0.718466	1.099	1.099	0.188585	0.695409	-1.438	5.16759	5.56522	0.957286	1
cg21689824	0.442725	0.891215	-1.12206	0.00140826	0.50644	-1.97457	0.370902	0.873539	-1.14477	0.0306327	0.688162	-1.45315	4.18444	1.43504	0.304842	1
cg02289343	0.0975692	0.495638	-2.0176	0.362914	1.43484	1.43484	0.339609	1.46232	1.46232	0.964126	1.01752	1.01752	3.6598	8.64154	2.09885	1
cg15545739	0.0914702	1.39105	1.39105	0.000104782	0.295989	-3.37851	0.00224035	2.13831	2.13831	0.818886	1.04157	1.04157	21.7082	10.8436	0.444016	1
cg09859080	0.304998	1.5713	1.5713	0.000235788	13.3679	13.3679	0.00557283	4.70643	4.70643	0.252431	1.66294	1.66294	10.806	30.9753	2.54799	1
cg24552773	0.716511	0.944644	-1.0586	0.0226523	1.53131	1.53131	0.102418	0.75647	-1.32193	0.319417	0.851569	-1.1743	4.84581	1.87147	0.343293	1
cg04901835	0.276463	0.827521	-1.20843	0.0243696	0.638457	-1.56628	0.0846889	1.37562	1.37562	0.876931	1.02626	1.02626	7.45245	3.30139	0.393772	1
cg00155732	0.0357334	0.689141	-1.45108	0.111015	1.30279	1.30279	0.123839	0.775765	-1.28905	0.00241553	0.525357	-1.90347	6.20117	2.27955	0.326755	1
cg00690929	0.361368	0.739051	-1.35309	0.00111451	0.21275	-4.70035	0.0839878	1.85191	1.85191	0.0521044	0.490627	-2.03821	4.80853	7.91003	1.46222	1
cg01800148	0.0327269	0.359116	-2.78461	0.0175228	0.305736	-3.2708	0.00936629	0.259092	-3.85964	0.226342	1.6832	1.6832	4.63565	12.3347	2.3652	1
cg14082398	0.0475459	1.37471	1.37471	0.0932876	1.29594	1.29594	5.40E-05	0.347496	-2.87773	0.462456	0.900292	-1.11075	9.69233	3.02692	0.2776	1
cg08397813	0.667979	0.951481	-1.05099	0.000847425	1.78279	1.78279	0.250926	0.870866	-1.14828	0.126127	1.21015	1.21015	6.51526	1.37085	0.187028	1
cg14115249	0.790473	1.03298	1.03298	0.00303656	1.64039	1.64039	0.0674093	1.2837	1.2837	0.141784	1.21229	1.21229	6.46929	1.52161	0.209071	1
cg00411595	0.0093016	0.370003	-2.70268	0.0973522	0.577992	-1.73013	0.411772	0.776557	-1.28774	0.00890386	0.366818	-2.72615	4.57708	6.58204	1.27826	1
cg02257517	0.209379	0.705185	-1.41807	0.100842	0.622244	-1.60709	0.117274	1.56699	1.56699	0.0877049	0.60798	-1.64479	3.39062	3.74269	0.981188	1
cg03216475	0.000678214	0.59288	-1.68668	0.955199	0.994362	-1.00567	0.16771	1.15949	1.15949	0.015544	0.741827	-1.34802	18.7048	3.00038	0.142584	1
cg03886254	0.00102075	0.408291	-2.44923	0.0949755	1.40141	1.40141	0.0957241	1.40014	1.40014	0.811629	1.04489	1.04489	7.92961	4.24859	0.476256	1
cg24027679	0.573759	0.883786	-1.1315	0.0172859	0.532446	-1.87812	0.971428	0.992245	-1.00782	0.121469	0.69425	-1.4404	7.05833	5.28109	0.665073	1
cg04437482	0.628406	0.914409	-1.0936	0.150107	0.753476	-1.32718	0.52926	1.12405	1.12405	0.0101242	0.551449	-1.8134	6.28179	3.34905	0.473899	1
cg16084788	0.677269	0.931199	-1.07388	0.0523236	1.45623	1.45623	0.0144718	0.598593	-1.67058	0.68946	0.933879	-1.0708	3.64634	1.67507	0.408342	1
cg00577364	0.0155658	1.3589	1.3589	0.000440033	1.77522	1.77522	0.927499	0.990636	-1.00945	0.096833	1.20734	1.20734	6.63108	1.12238	0.150454	1
cg14250560	0.86816	1.06818	1.06818	0.00400495	4.64297	4.64297	0.0142462	3.32093	3.32093	0.114516	1.97676	1.97676	3.97137	9.91362	2.21891	1
cg23642392	0.0210942	0.395638	-2.52756	2.17E-05	0.0575912	-17.3638	0.00293073	0.255091	-3.92017	0.000256295	0.133652	-7.4821	15.1931	26.8913	1.57331	1
cg08649013	0.00454532	0.422478	-2.36699	0.261768	1.30572	1.30572	0.0782024	0.640168	-1.56209	0.0432733	0.588649	-1.6988	8.10059	6.66615	0.731485	1
cg25788793	0.537756	0.80439	-1.24318	0.00190331	0.215548	-4.63934	0.580417	0.823012	-1.21505	0.00363869	0.25348	-3.94509	5.74927	11.0821	1.7134	1
cg14959260	0.000341072	0.258843	-3.86334	0.00247929	0.373301	-2.6788	0.557864	1.14894	1.14894	0.000162016	0.221287	-4.51902	26.7607	23.2597	0.7726	1
cg00084184	0.555614	0.880049	-1.1363	4.00E-05	0.185965	-5.37736	0.0181409	0.540645	-1.84964	0.0241347	0.561929	-1.77958	19.1375	13.9258	0.646817	1
cg13755419	0.415305	0.832166	-1.20168	0.807921	0.947675	-1.05521	0.343073	1.24051	1.24051	0.00452541	0.433995	-2.30417	9.24129	7.12608	0.685434	1
cg27219691	0.00636457	0.526665	-1.89874	0.00318384	2.06937	2.06937	0.698156	0.932056	-1.0729	0.114533	0.73352	-1.36329	8.1418	4.20363	0.458935	1
cg11266682	0.14405	0.645776	-1.54852	0.00066741	0.234342	-4.26727	0.00429793	0.345089	-2.89781	0.216673	0.696131	-1.43651	7.2379	8.89967	1.09297	1
cg11158629	0.00052593	0.323077	-3.09523	0.193627	0.750019	-1.3333	0.218833	0.763026	-1.31057	0.322993	0.807756	-1.238	6.73642	4.66626	0.615726	1
cg00071950	0.49421	0.855414	-1.16902	0.00695656	0.455898	-2.19347	0.00135283	0.351018	-2.84886	0.0340438	0.573194	-1.74461	6.69356	5.36476	0.712427	1
cg04077085	0.00305239	0.393178	-2.54338	0.245391	0.756148	-1.32249	0.89669	1.03034	1.03034	0.105323	0.665579	-1.50245	6.60188	5.53381	0.745081	1
cg16785938	0.47672	1.14239	1.14239	0.495617	0.880471	-1.13576	0.00811501	0.536009	-1.86564	0.0975387	0.715696	-1.39724	6.28429	3.36918	0.476558	1
cg03725404	0.0388775	0.541366	-1.84718	0.098336	1.59238	1.59238	0.506046	0.84101	-1.18905	0.026256	0.508402	-1.96695	5.93946	6.1946	0.927073	1
cg02734326	0.101345	0.57343	-1.74389	0.00180008	0.252489	-3.96057	0.0269314	0.443842	-2.25306	0.074731	0.540435	-1.85036	4.28948	6.5288	1.35293	1
cg20479063	0.193495	0.782907	-1.27729	0.0227055	1.62438	1.62438	0.345709	1.18855	1.18855	0.947953	1.01168	1.01168	4.08045	2.0447	0.445418	1
cg25117600	0.963846	1.02237	1.02237	0.0601664	0.355244	-2.81496	0.557644	0.748655	-1.33573	0.0476474	0.330984	-3.02129	3.96424	14.9618	3.35484	1
cg01143423	0.00978953	0.562221	-1.77866	0.00639549	0.534956	-1.86931	0.0095326	0.560499	-1.78413	0.191881	1.27581	1.27581	8.67107	4.26924	0.437649	1
cg01575408	0.631651	1.07978	1.07978	0.0350784	0.676919	-1.47728	0.0403044	0.686275	-1.45714	0.677946	0.935788	-1.06862	5.17458	2.06986	0.35556	1
cg13976045	0.414395	1.30456	1.30456	0.000853126	0.202546	-4.93714	0.303826	1.40406	1.40406	0.0524983	2.01894	2.01894	4.28711	6.89461	1.42953	1
cg19267867	0.0675442	1.86277	1.86277	?	?	?	0.506985	1.223	1.223	0.512522	0.819874	-1.2197	4.34175	5.32673	1.0735	1
cg02557906	3.78E-05	0.315331	-3.17128	0.000382953	0.437237	-2.28709	0.0199459	1.50664	1.50664	0.00140532	0.50923	-1.96375	20.8819	7.04135	0.299733	1
cg25841634	0.934646	0.990314	-1.00978	1.15E-05	0.331586	-3.01581	0.750116	0.962788	-1.03865	0.703241	0.955591	-1.04647	12.4313	2.77322	0.198296	1
cg12355180	0.0446246	0.817008	-1.22398	0.947745	1.00576	1.00576	0.0496541	0.821771	-1.21688	0.7246	0.969469	-1.03149	9.17232	1.11618	0.108169	1
cg07005353	0.638104	0.895377	-1.11685	0.337945	0.794197	-1.25913	0.000910511	3.18004	3.18004	0.185639	1.38733	1.38733	8.31963	7.16949	0.766005	1
cg19313402	0.277422	0.749089	-1.33495	0.458719	1.21284	1.21284	0.0048759	2.59723	2.59723	0.526724	0.848704	-1.17827	6.62931	6.86802	0.920896	1
cg27295373	0.453943	0.695895	-1.437	0.0798002	2.51929	2.51929	0.00767104	5.09687	5.09687	0.474405	1.41306	1.41306	4.20644	15.0491	3.18012	1
cg23815582	0.0199532	0.668077	-1.49683	0.289881	1.17087	1.17087	0.219395	0.830719	-1.20378	0.159838	1.2407	1.2407	9.05955	2.95879	0.290305	1
cg10325600	0.53719	1.09918	1.09918	0.000606161	0.449344	-2.22547	0.525278	1.10232	1.10232	0.200779	1.22691	1.22691	4.22051	1.53104	0.322455	1
cg03987192	5.12E-05	0.208488	-4.79643	1.81E-06	0.0855556	-11.6883	0.213633	0.762834	-1.3109	0.953082	1.01224	1.01224	26.2365	17.758	0.601641	1
cg19304093	0.000218612	0.25967	-3.85104	0.000128588	0.233065	-4.29066	1.86E-05	0.148422	-6.73756	0.0351435	0.58454	-1.71075	23.3565	17.7066	0.673866	1
cg01689405	0.0117717	0.501776	-1.99292	5.44E-06	0.10493	-9.53016	0.00054253	0.30772	-3.2497	0.0425627	0.599401	-1.66833	17.9378	13.6492	0.676371	1
cg00349061	0.0059705	0.115146	-8.68459	0.00013808	0.0190142	-52.5923	0.00316717	0.088518	-11.2971	0.4543	0.632309	-1.5815	8.56351	49.0519	5.09156	1
cg19895786	0.00229323	0.477067	-2.09614	0.00251935	0.482724	-2.07158	0.00458403	1.92569	1.92569	0.880916	0.974308	-1.02637	8.31477	3.96987	0.424399	1
cg07766612	0.840793	0.960989	-1.04059	0.60471	1.10884	1.10884	0.000164098	3.56601	3.56601	0.382659	1.19378	1.19378	5.71015	3.53988	0.551046	1
cg21957156	0.909676	0.988486	-1.01165	0.00884474	0.711716	-1.40506	0.0200859	1.33136	1.33136	0.0345966	1.28586	1.28586	4.98838	0.822691	0.146597	1
cg00703260	0.0999756	0.420124	-2.38025	0.693688	1.20979	1.20979	0.00299646	7.08883	7.08883	0.192012	1.94341	1.94341	4.59302	16.8379	3.25864	1
cg12742826	0.088749	0.439689	-2.27434	0.162048	0.520276	-1.92206	0.00323238	0.172361	-5.80178	0.0165927	0.277896	-3.59847	4.33753	13.1585	2.69657	1
cg05674944	0.215924	0.732019	-1.36608	0.00224787	0.358974	-2.78572	0.562159	1.15071	1.15071	0.879534	1.037	1.037	4.14468	3.76632	0.807743	1
cg18303360	0.128706	0.545809	-1.83214	0.00136363	0.180153	-5.55083	0.0539404	0.446266	-2.24081	0.158883	0.573906	-1.74244	4.00556	8.62686	1.91442	1
cg02924562	?	?	?	?	?	?	0.00234927	5.68258	5.68258	0.0177189	3.25557	3.25557	5.20306	10.7357	2.35812	1
cg00303811	0.000615688	0.367631	-2.72012	5.50E-06	0.142415	-7.02174	1.34E-06	0.0957363	-10.4454	0.454555	1.15553	1.15553	36.7311	20.9506	0.507001	1
cg02915746	0.415763	1.18846	1.18846	0.911875	0.977282	-1.02325	1.47E-05	6.4783	6.4783	0.949238	0.986871	-1.0133	20.3017	13.8538	0.606575	1
cg17206420	0.00152439	0.371809	-2.68955	0.00495262	0.446329	-2.2405	3.94E-05	0.181757	-5.50184	0.884474	0.968973	-1.03202	13.9816	10.407	0.661632	1
cg03875195	3.62E-05	4.67845	4.67845	0.156143	0.745179	-1.34196	0.799281	0.951802	-1.05064	0.405512	1.17938	1.17938	8.80711	5.24261	0.529129	1
cg20885815	0.0313736	0.38225	-2.61609	0.0022099	0.195187	-5.1233	0.000995307	0.155285	-6.43976	0.995494	0.997851	-1.00215	8.75549	20.1171	2.04236	1
cg18219563	0.0828502	1.4032	1.4032	0.0370672	0.652452	-1.53268	6.53E-05	3.64331	3.64331	0.640565	0.920404	-1.08648	8.49902	4.18765	0.437975	1
cg23587288	0.00450177	0.128916	-7.757	0.00344462	0.116579	-8.57789	0.00226462	0.0991547	-10.0853	0.156348	0.440278	-2.27129	5.99224	27.7786	4.12067	1
cg10629682	0.282229	1.84391	1.84391	0.155365	2.29915	2.29915	0.0324762	3.93835	3.93835	0.13566	0.414538	-2.41232	3.9597	18.804	4.22119	1
cg24594459	0.0686647	0.36707	-2.72428	0.00804278	0.188289	-5.31099	0.00801038	0.188042	-5.31797	0.959941	1.02501	1.02501	3.66134	14.0247	3.40487	1
cg19461344	0.281893	0.863611	-1.15793	0.0628602	0.760012	-1.31577	4.07E-06	4.06137	4.06137	0.394563	0.891954	-1.12113	17.7419	4.83117	0.242047	1
cg09958967	0.00192018	1.50821	1.50821	0.00651515	0.718367	-1.39205	0.0558421	1.22469	1.22469	0.198299	0.880562	-1.13564	5.82219	0.807098	0.123222	1
cg20246331	0.00717581	0.845811	-1.1823	0.000220469	0.743074	-1.34576	0.00293362	1.21789	1.21789	0.00136479	1.25133	1.25133	15.7804	0.581722	0.0327677	1
cg09444979	0.00299648	1.93913	1.93913	0.00106724	0.455361	-2.19606	0.366151	0.859812	-1.16305	0.450942	1.1331	1.1331	7.22952	3.03023	0.372574	1
cg08057475	0.654562	1.08363	1.08363	0.000718427	2.50453	2.50453	0.981774	1.00408	1.00408	0.354568	1.18513	1.18513	6.7681	3.40927	0.447756	1
cg09886921	0.0998116	0.847092	-1.18051	0.0505423	1.22757	1.22757	0.306595	1.10229	1.10229	0.140792	0.864359	-1.15693	6.31493	0.846732	0.119186	1
cg05305278	0.178134	0.520785	-1.92018	0.00233317	0.143995	-6.94469	0.370091	1.52152	1.52152	0.186586	0.528122	-1.8935	4.72682	15.5656	2.92714	1
cg08027001	0.533961	1.05972	1.05972	0.00536943	0.713477	-1.40159	0.117703	0.855165	-1.16937	0.0544343	1.22258	1.22258	4.42969	0.594953	0.119387	1
cg26252350	0.157604	0.486412	-2.05587	0.153307	2.07359	2.07359	0.333217	1.60972	1.60972	0.0601689	2.74875	2.74875	4.53996	16.356	3.20238	1
cg08918057	0.0121486	0.528274	-1.89296	0.234951	1.28936	1.28936	0.19963	0.758321	-1.3187	0.727685	0.93112	-1.07398	5.02944	3.32001	0.58677	1
cg16341261	0.0318918	0.302854	-3.30192	0.000346684	0.0649707	-15.3916	0.00336214	0.150304	-6.65319	0.00311279	0.146474	-6.82714	13.0279	46.5581	3.17664	1
cg15337887	0.00411346	0.667101	-1.49902	0.282348	1.12468	1.12468	0.0150228	1.36945	1.36945	0.12449	1.19117	1.19117	9.01147	1.57889	0.155741	1
cg02679582	0.174274	1.20787	1.20787	0.00600756	0.625539	-1.59862	0.807479	1.03242	1.03242	0.0174595	1.45951	1.45951	7.30932	1.97682	0.240401	1
cg04270736	0.00970931	0.78092	-1.28054	9.78E-05	0.592549	-1.68762	0.00836785	1.29003	1.29003	0.0270584	1.21876	1.21876	13.3746	1.21027	0.0804357	1
cg02613156	0.025597	1.55389	1.55389	0.287178	1.20162	1.20162	0.718108	1.0621	1.0621	0.0121952	0.595073	-1.68047	5.68035	2.48488	0.388846	1
cg10277836	0.838853	0.939216	-1.06472	0.0156692	2.49007	2.49007	0.664593	1.14379	1.14379	0.561177	0.834475	-1.19836	4.96434	7.4572	1.33525	1
cg09469033	0.0548181	0.735789	-1.35908	0.0168882	0.663262	-1.5077	0.854243	0.974427	-1.02624	0.0785021	1.31694	1.31694	3.57943	1.00002	0.27938	1
cg12899842	0.00790153	0.71056	-1.40734	0.770118	0.97104	-1.02982	0.548327	1.06281	1.06281	0.736558	1.03444	1.03444	5.74011	0.914445	0.141607	1
cg00063077	0.597407	0.804812	-1.24253	0.000753557	0.124703	-8.01904	2.59E-05	0.0335453	-29.8104	8.47E-06	0.0192561	-51.9317	22.1157	58.1414	2.33686	1
cg23259435	0.595493	1.09199	1.09199	0.00305306	0.513564	-1.94718	0.425295	1.14306	1.14306	0.00187521	2.06312	2.06312	6.94586	2.96715	0.379718	1
cg15686842	0.00873461	0.599343	-1.66849	0.308488	0.850856	-1.17529	0.0814555	0.743847	-1.34436	0.230435	0.82466	-1.21262	5.85149	2.17595	0.330544	1
cg09874052	0.516644	1.16348	1.16348	2.17E-05	0.139996	-7.14308	0.387689	1.22615	1.22615	0.435173	1.20123	1.20123	10.6152	8.91469	0.746495	1
cg02065717	0.61806	0.910739	-1.09801	0.00802521	1.88102	1.88102	0.859021	0.967471	-1.03362	0.0805484	0.697314	-1.43407	4.67475	2.56154	0.487069	1
cg16925880	0.666805	0.815859	-1.2257	0.0550048	0.359759	-2.77964	0.326241	1.61	1.61	0.513275	0.73234	-1.36549	3.40858	11.9177	3.10791	1
cg09439192	0.000369163	0.286076	-3.49557	0.177349	0.729989	-1.36988	0.0363665	1.70585	1.70585	0.458598	0.847326	-1.18018	8.91342	6.80278	0.678406	1
cg23338195	0.0651754	0.543325	-1.84052	0.00739577	0.361733	-2.76447	0.976059	0.991197	-1.00888	0.044639	0.506955	-1.97256	5.95828	8.19326	1.22232	1
cg22342922	0.747743	0.900069	-1.11103	0.00376254	0.279166	-3.5821	0.370577	1.34984	1.34984	0.322879	0.716658	-1.39537	4.43049	7.46959	1.49862	1
cg07061355	0.698958	0.928711	-1.07676	0.0491095	1.5334	1.5334	0.0829199	1.44111	1.44111	0.20641	1.2887	1.2887	4.28006	2.45521	0.509902	1
cg26687497	0.0237528	0.331722	-3.01458	9.33E-05	0.0578758	-17.2784	0.760532	1.13312	1.13312	0.0168976	0.30378	-3.29186	9.19994	24.3548	2.35314	1
cg26877604	0.5096	0.793022	-1.261	0.00053656	0.154562	-6.4699	0.312766	1.43615	1.43615	0.0215611	0.38413	-2.60328	9.19645	17.5041	1.69187	1
cg09414773	0.0849747	1.21666	1.21666	0.00242406	0.647431	-1.54457	0.192627	1.15255	1.15255	0.593705	0.946069	-1.05701	6.90564	1.15939	0.149236	1
cg07260532	0.0765329	0.662798	-1.50876	0.00466192	0.455918	-2.19338	0.007491	0.487425	-2.0516	0.345251	0.816336	-1.22499	6.48065	4.47281	0.613493	1
cg12853184	0.870572	0.965811	-1.0354	0.00956519	0.496579	-2.01378	0.141522	0.71372	-1.40111	0.962682	1.01003	1.01003	6.43681	4.63983	0.640735	1
cg10106268	0.133533	1.49334	1.49334	0.320687	0.775493	-1.2895	0.0298295	0.53075	-1.88412	0.301346	1.3039	1.3039	5.45066	4.71187	0.864459	1
cg09852079	0.0411222	0.360399	-2.7747	0.00217373	0.155222	-6.44238	0.396124	0.686364	-1.45695	0.259537	0.600861	-1.66428	4.56091	12.0431	2.6405	1
cg06568401	0.0639129	0.676324	-1.47858	0.248701	1.25412	1.25412	0.918247	1.01947	1.01947	0.136007	0.739567	-1.35214	4.37664	2.44452	0.496479	1
cg08321272	0.0922067	1.54779	1.54779	0.00265097	0.375308	-2.66448	0.973691	1.0078	1.0078	0.353516	0.798527	-1.25231	3.42255	3.01097	0.781994	1
cg14451627	0.000171932	0.373422	-2.67794	0.111872	0.765535	-1.30628	0.796051	0.960818	-1.04078	0.0113658	0.613227	-1.63072	23.6832	8.9327	0.335267	1
cg09017792	0.499835	0.895689	-1.11646	0.00281098	0.515793	-1.93876	0.917966	0.983566	-1.01671	0.809709	1.03956	1.03956	5.66807	2.32224	0.364182	1
cg05706061	0.345575	0.705681	-1.41707	0.0008951	0.167865	-5.95715	0.71834	0.878116	-1.1388	0.379148	0.723414	-1.38233	5.13321	10.4692	1.8129	1
cg14485581	0.946009	1.012	1.012	0.623182	1.09114	1.09114	0.687935	0.931358	-1.0737	0.254099	1.23336	1.23336	4.49232	2.20691	0.436678	1
cg06577241	0.875093	0.984079	-1.01618	3.84E-07	4.41028	4.41028	0.00105589	1.63919	1.63919	0.985567	1.00185	1.00185	36.3203	5.98766	0.146539	1
cg19675084	0.065924	0.756852	-1.32126	0.105007	0.787263	-1.27022	1.62E-06	5.09928	5.09928	1.97E-05	3.21661	3.21661	29.5976	8.54627	0.256666	1
cg25307168	0.90694	1.01429	1.01429	0.00025782	0.482037	-2.07453	8.51E-06	3.23961	3.23961	0.0642212	1.28697	1.28697	25.334	5.90587	0.207218	1
cg05936441	0.191532	0.815343	-1.22648	9.80E-06	4.07007	4.07007	3.91E-05	3.19806	3.19806	0.0356651	1.43474	1.43474	24.4171	8.42958	0.306873	1
cg15230781	0.537783	1.10185	1.10185	0.0101661	0.604153	-1.65521	2.87E-06	5.69672	5.69672	0.00570782	1.75683	1.75683	19.7483	7.55946	0.340259	1
cg12451099	0.231071	1.33325	1.33325	0.00304993	0.394896	-2.53232	0.000280638	3.8957	3.8957	0.655525	1.10827	1.10827	15.8758	13.1796	0.737932	1
cg27580318	0.000684123	0.515492	-1.9399	9.68E-05	0.412467	-2.42443	0.101744	1.25713	1.25713	0.411972	1.11311	1.11311	13.3076	3.439	0.22971	1
cg01650904	0.126452	0.72929	-1.3712	0.270314	0.803187	-1.24504	0.00107211	2.51602	2.51602	0.00162345	2.36894	2.36894	11.3888	6.57656	0.513296	1
cg10481065	0.301422	0.688887	-1.45162	0.256984	0.662457	-1.50953	0.00057716	6.38426	6.38426	0.338673	1.40958	1.40958	10.0002	19.1892	1.70566	1
cg26877715	0.949862	0.987198	-1.01297	0.00344297	0.443065	-2.257	0.000384116	3.19374	3.19374	0.954263	1.01182	1.01182	8.67582	5.76897	0.591065	1
cg15490840	0.000518064	0.182487	-5.47985	0.0782222	1.84896	1.84896	0.19776	1.53366	1.53366	0.333515	1.368	1.368	8.66166	13.5373	1.38924	1
cg02979819	0.0509048	1.5974	1.5974	0.256901	0.779415	-1.28301	0.359024	1.21973	1.21973	0.117026	1.43133	1.43133	6.63921	4.66402	0.62444	1
cg16782807	0.0452625	0.210995	-4.73946	0.0115308	8.76944	8.76944	?	?	?	0.00576219	12.2604	12.2604	7.36478	33.452	5.29919	1
cg10615414	0.477134	0.682992	-1.46415	0.647133	0.784194	-1.27519	0.000680104	15.4666	15.4666	0.814155	0.883198	-1.13225	4.55532	20.072	3.91669	1
cg13915754	0.380618	0.789363	-1.26684	0.00446787	0.36889	-2.71083	0.0428011	1.84638	1.84638	0.477623	1.20912	1.20912	4.17585	4.57483	0.973817	1
cg10216615	0.691863	1.02382	1.02382	0.494025	0.959788	-1.0419	2.37E-07	2.49553	2.49553	0.287881	1.06738	1.06738	34.0164	1.88139	0.0491629	1
cg24454144	0.568404	0.904049	-1.10613	0.454641	1.14254	1.14254	3.79E-07	12.7919	12.7919	0.310859	1.20137	1.20137	30.7486	14.9084	0.430975	1
cg08313939	0.161502	1.23803	1.23803	0.000652008	0.47408	-2.10935	5.46E-07	7.27758	7.27758	0.164224	0.808996	-1.2361	29.3418	9.47758	0.287117	1
cg22068985	0.035913	0.561518	-1.78089	0.777605	0.935237	-1.06925	0.235398	0.74524	-1.34185	0.916042	0.975374	-1.02525	14.0944	12.4808	0.787122	1
cg25375916	0.729888	0.878051	-1.13889	0.000989382	0.159377	-6.27445	0.0295963	0.382507	-2.61433	0.0267203	0.373442	-2.67779	7.67971	17.1234	1.98195	1
cg12335906	0.0244483	0.620961	-1.61041	0.90893	0.979867	-1.02055	0.260748	1.2318	1.2318	0.0185334	1.66119	1.66119	4.68239	2.34266	0.444722	1
cg02868222	0.0939695	2.58931	2.58931	0.0452464	0.305214	-3.27639	0.0235463	4.04393	4.04393	0.304882	1.73138	1.73138	4.53043	19.1509	3.75749	1
cg09452751	0.162211	0.718057	-1.39265	0.00636867	0.45471	-2.19921	0.753346	1.07247	1.07247	0.568752	1.13637	1.13637	4.01252	3.13047	0.69349	1
cg08090734	0.603392	0.931596	-1.07343	0.508364	1.09495	1.09495	0.391012	0.887972	-1.12616	0.454572	1.10846	1.10846	3.62337	1.04876	0.257283	1
cg05451654	0.307642	1.11393	1.11393	4.58E-06	0.34124	-2.93049	0.915561	0.989223	-1.01089	0.00152681	0.627412	-1.59385	26.4133	4.36667	0.146952	1
cg05207973	0.21058	0.810665	-1.23356	0.00827273	1.71131	1.71131	0.0012113	2.12521	2.12521	0.157199	1.27213	1.27213	16.0615	6.43973	0.356393	1
cg18003583	0.0989494	0.641101	-1.55983	0.00244713	1.32617	1.32617	0.0401883	0.558438	-1.79071	0.09325	1.02155	1.02155	6.9005	6.6004	0.850232	1
cg02635677	0.0545405	0.552562	-1.80975	0.877156	0.958803	-1.04297	0.00234426	0.31507	-3.1739	0.73179	0.910674	-1.09809	4.8218	5.64864	1.04132	1
cg04486885	0.888674	0.982279	-1.01804	0.733063	1.04467	1.04467	0.903131	0.984577	-1.01566	0.567371	0.928861	-1.07659	4.31995	1.11494	0.229414	1
cg17685465	0.0499458	0.585259	-1.70865	0.0638303	1.64737	1.64737	0.0923659	0.540713	-1.84941	0.99709	1.00087	1.00087	3.83889	3.49063	0.768242	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)
cg21145248	SLC34A1;SLC34A1	0.000288574	0.0668493	1.71305	1.71305	0.00224118	0.325912
cg06470558	SLC34A1;SLC34A1	0.000571347	0.423222	1.15669	1.15669	0.0128518	0.577074
cg18126247	SLC34A1;SLC34A1	0.000574486	0.295617	0.736249	-1.35824	0.545063	0.841209
cg14819088	SLC34A1;SLC34A1	0.000672945	0.00224501	0.396009	-2.5252	0.00289278	0.411943
cg19629208	SLC34A1;SLC34A1	0.00154407	0.0193894	0.383408	-2.60819	0.000989477	0.190183
cg05901447	SLC34A1;SLC34A1	0.00375458	0.393198	0.798481	-1.25238	0.00741549	0.4117
cg06501790	SLC34A1;SLC34A1	0.0141749	0.0470219	0.313781	-3.18693	0.0349879	0.285723
cg26586952	SLC34A1;SLC34A1	0.0256114	0.0650303	0.47987	-2.0839	0.0248419	0.388068
cg03234405	SLC34A2	0.016442	0.691409	0.883736	-1.13156	0.0615553	0.520811
cg02272859	SLC34A2	0.0445745	0.797932	0.919533	-1.08751	0.00755	3.07683
cg09157302	SLC34A2	0.0456464	0.159241	1.93919	1.93919	0.00533833	5.03135
cg13716321	SLC34A3	2.07E-05	0.71619	1.03141	1.03141	0.00206262	1.44423
cg05036153	SLC34A3	0.000593279	0.0335518	0.569474	-1.75601	0.217096	0.744919
cg13431678	SLC34A3	0.00431095	0.000253182	0.160442	-6.23276	0.302963	1.38229
cg13701954	SLC34A3	0.00474955	0.0135131	0.427956	-2.33669	0.140423	0.643851
cg13512859	SLC34A3	0.0166903	0.0025841	0.301138	-3.32074	0.156987	0.647281
cg07620167	SLC34A3	0.0211896	0.0107515	0.331701	-3.01477	0.48218	1.27884
cg26394619	SLC35A1;SLC35A1	0.00967563	0.026453	0.663425	-1.50733	0.597627	1.08661
cg14084424	SLC35A1;SLC35A1	0.0133889	0.0112604	0.716864	-1.39496	0.88195	0.984542
cg27169166	SLC35A1;SLC35A1	0.0244344	0.31482	0.787039	-1.27058	0.38387	1.22808
cg17341703	SLC35A1;SLC35A1	0.0478616	0.386008	0.859657	-1.16325	0.0175163	1.63559
cg26807389	SLC35A2	0.00832333	0.465357	1.34987	1.34987	0.0591294	0.422981
cg24787889	SLC35A2;SLC35A2;SLC35A2	0.0486388	0.148631	0.661999	-1.51058	0.233326	0.716966
cg04102586	SLC35A3	0.000151557	0.592065	0.822487	-1.21582	0.0999873	1.91783
cg09338170	SLC35A3	0.000598735	1.19E-05	0.109704	-9.11547	0.992033	0.997622
cg19499674	SLC35A3	0.00458615	0.00883918	0.452423	-2.21032	0.952679	0.985977
cg14215483	SLC35A3	0.0129697	0.618492	0.798901	-1.25172	0.810267	1.11356
cg22872634	SLC35A3	0.0335597	0.0111307	0.14839	-6.73902	0.0135803	0.16027
cg24847481	SLC35A3;SLC35A3	0.0145887	0.376354	1.08002	1.08002	0.133122	0.87162
cg25707238	SLC35A5	0.00753354	0.186743	0.820026	-1.21947	0.00296331	0.560878
cg01443337	SLC35A5	0.0185411	0.527567	0.816243	-1.22513	0.959854	0.984159
cg03599590	SLC35A5	0.0277525	0.0079007	0.127959	-7.81499	0.0913949	0.325682
cg18413240	SLC35A5;ATG3	0.00968609	0.79966	1.02764	1.02764	0.0819362	1.22954
cg18238165	SLC35B1	0.000528773	0.0249141	3.02368	3.02368	0.297897	1.56415
cg01650744	SLC35B1	0.0407084	0.132263	1.2279	1.2279	0.0216447	1.41694
cg09002774	SLC35B1;SLC35B1	0.0403214	0.0642774	0.883722	-1.13158	0.0351619	1.15708
cg11699666	SLC35B2	0.00160727	0.870377	0.9786	-1.02187	0.000757097	1.9667
cg24486960	SLC35B2	0.0100537	0.0402968	0.65595	-1.52451	0.0655438	0.692201
cg10215110	SLC35B2	0.0481881	0.00539579	0.50711	-1.97196	0.311428	0.82354
cg18682921	SLC35B3;SLC35B3;SLC35B3	0.000712281	0.0257493	0.417107	-2.39746	0.00728845	0.318986
cg12178445	SLC35B3;SLC35B3;SLC35B3	0.00101773	0.00594478	3.03787	3.03787	0.333732	1.36067
cg02152351	SLC35B3;SLC35B3;SLC35B3	0.00119143	0.214409	1.49463	1.49463	0.233691	1.46797
cg15983580	SLC35B3;SLC35B3;SLC35B3	0.00146574	0.00619188	1.98269	1.98269	0.0101744	0.537194
cg09548084	SLC35B3;SLC35B3;SLC35B3	0.00207711	0.00365449	3.78182	3.78182	0.185639	1.60788
cg20246548	SLC35B3;SLC35B3;SLC35B3	0.00248283	0.0109657	0.707628	-1.41317	0.0604014	1.25788
cg01815076	SLC35B3;SLC35B3;SLC35B3	0.00461255	0.572322	1.08595	1.08595	0.118394	0.782705
cg07606381	SLC35B3;SLC35B3;SLC35B3	0.00938344	0.0814834	0.628523	-1.59103	0.644322	0.894224
cg01509794	SLC35B3;SLC35B3;SLC35B3	0.00998271	0.000719664	0.367219	-2.72317	0.51825	1.13597
cg05503532	SLC35B3;SLC35B3;SLC35B3	0.0269078	0.0292543	0.158839	-6.29568	0.308546	0.47004
cg24404943	SLC35B4	0.000848326	0.628148	0.965101	-1.03616	0.000143373	1.6112
cg24333621	SLC35B4	0.0028293	0.329131	0.831207	-1.20307	0.0339535	0.634812
cg13375479	SLC35B4	0.0109396	0.65222	0.903538	-1.10676	0.0155444	0.515052
cg07718324	SLC35B4	0.0132413	0.251411	0.903765	-1.10648	0.0302878	1.23994
cg10598428	SLC35B4	0.0445972	0.0177496	0.64158	-1.55865	0.0195845	1.54377
cg20476274	SLC35B4	0.0461422	0.919081	0.986797	-1.01338	0.175033	0.828079
cg11925488	SLC35C1;SLC35C1;SLC35C1	1.58E-07	0.645005	1.02458	1.02458	4.33E-08	0.365338
cg24483081	SLC35C1;SLC35C1;SLC35C1	5.91E-06	0.000694388	0.615745	-1.62405	5.43E-07	0.271632
cg13239041	SLC35C1;SLC35C1;SLC35C1	2.68E-05	5.47E-05	0.261185	-3.8287	0.0205193	0.607347
cg11435872	SLC35C1;SLC35C1;SLC35C1	0.00145485	0.0111254	0.371142	-2.69439	0.00106891	4.50662
cg17174778	SLC35C1;SLC35C1;SLC35C1	0.00381431	0.259602	0.78739	-1.27002	0.498766	1.14978
cg14892886	SLC35C1;SLC35C1;SLC35C1	0.00447509	0.041278	0.682005	-1.46627	0.00115236	2.1739
cg10516359	SLC35C1;SLC35C1;SLC35C1	0.00468876	0.026226	0.558331	-1.79105	0.00114453	2.87727
cg14819958	SLC35C1;SLC35C1;SLC35C1	0.0108687	0.31779	1.13073	1.13073	0.0351223	0.746736
cg08794544	SLC35C1;SLC35C1;SLC35C1	0.0122728	0.09325	0.571158	-1.75083	0.00984799	0.371739
cg08507344	SLC35C1;SLC35C1;SLC35C1	0.0227517	0.241221	0.844788	-1.18373	0.15392	1.23352
cg01838971	SLC35C1;SLC35C1;SLC35C1	0.0237471	0.0255028	0.503349	-1.98669	0.0665216	1.70257
cg00338996	SLC35C1;SLC35C1;SLC35C1	0.0265034	0.0378388	0.420223	-2.37969	0.08155	0.499076
cg09452027	SLC35C1;SLC35C1;SLC35C1	0.0364587	0.0481452	0.481255	-2.0779	0.597208	1.18849
cg00927035	SLC35C1;SLC35C1;SLC35C1	0.0470409	0.207708	0.700026	-1.42852	0.19802	1.44085
cg01112674	SLC35C1;SLC35C1;SLC35C1;SLC35C1	0.0461058	0.728904	1.07382	1.07382	0.00152608	2.54489
cg02413850	SLC35C2;SLC35C2;SLC35C2	0.00047481	0.000284457	1.49324	1.49324	0.292895	1.0766
cg12033822	SLC35C2;SLC35C2;SLC35C2	0.00358529	0.270511	0.756367	-1.32211	0.272022	1.32085
cg15433056	SLC35C2;SLC35C2;SLC35C2	0.00551714	0.854643	0.986362	-1.01383	0.00141863	0.707664
cg02898206	SLC35C2;SLC35C2;SLC35C2	0.00661906	0.0747084	0.752611	-1.32871	0.128727	0.790538
cg21516291	SLC35C2;SLC35C2;SLC35C2	0.0222801	0.236134	1.61874	1.61874	0.014882	3.19662
cg06794441	SLC35D1	2.18E-05	0.166112	0.772492	-1.29451	0.00453245	0.516295
cg01802975	SLC35D1	0.00261075	0.0452887	0.689065	-1.45124	0.0205605	1.57213
cg14206730	SLC35D1	0.00663753	0.00458372	0.721306	-1.38637	0.00589966	1.36591
cg02640540	SLC35D1	0.0101887	0.240959	1.2084	1.2084	0.00259785	0.525475
cg09861436	SLC35D1	0.0157177	0.00585776	0.179152	-5.58186	0.42482	0.678054
cg13986884	SLC35D1	0.032094	0.0861253	0.412754	-2.42275	0.0125887	0.235062
cg23722790	SLC35D1	0.0408287	0.0241922	0.369168	-2.7088	0.077127	0.482515
cg21216944	SLC35D2	0.006477	0.00371852	0.502652	-1.98945	0.204789	0.790694
cg15582789	SLC35D2	0.0176324	0.0160954	4.39873	4.39873	0.0217572	3.99585
cg13771161	SLC35D2	0.0264567	0.0580224	0.603381	-1.65733	0.109258	1.50948
cg14260073	SLC35D3	0.00856739	0.044293	4.81032	4.81032	0.292563	2.10099
cg00101729	SLC35D3	0.0258276	0.950848	0.983807	-1.01646	0.462802	0.820424
cg10056697	SLC35D3	0.0297181	0.89683	1.01731	1.01731	0.012583	0.663319
cg14729961	SLC35E1	0.00060855	0.125604	0.786065	-1.27216	0.00866593	0.615128
cg13630845	SLC35E1	0.0133114	0.037789	0.379101	-2.63782	0.683226	0.84773
cg24119481	SLC35E1	0.0137578	0.748689	0.955806	-1.04624	0.521103	1.09577
cg24924210	SLC35E1	0.0155422	0.136752	0.617643	-1.61906	0.1294	0.611088
cg24872076	SLC35E1	0.0225281	0.367831	0.853099	-1.1722	0.00187765	0.468963
cg25394461	SLC35E2	0.0419653	0.0174721	0.636634	-1.57076	0.235575	1.21413
cg01738944	SLC35E2;SLC35E2	0.00395344	0.908146	0.977753	-1.02275	0.217106	1.28806
cg23983334	SLC35E2;SLC35E2	0.0299227	0.659427	1.10208	1.10208	0.185314	0.735025
cg16615842	SLC35E3	0.00982558	0.520153	0.920991	-1.08579	0.00688186	1.55543
cg08221064	SLC35E3	0.0131268	0.0923824	1.96058	1.96058	0.00341519	0.235495
cg18919642	SLC35E3	0.0198471	0.0839891	0.776971	-1.28705	0.0180323	1.46108
cg01816393	SLC35E3;SLC35E3	0.0066643	?	?	?	0.0378163	2.2709
cg05610550	SLC35E4	4.36E-07	6.94E-07	0.537261	-1.86129	6.28E-08	2.32986
cg15648353	SLC35E4	0.0149239	0.890122	0.988877	-1.01125	0.0109438	0.772268
cg06246950	SLC35E4	0.0271061	0.901488	1.04756	1.04756	0.00258737	4.79137
cg08622548	SLC35E4	0.0485498	0.0759619	0.532549	-1.87776	0.391289	0.755604
cg10011239	SLC35E4;SLC35E4	0.016432	0.350831	0.86558	-1.15529	0.0111575	1.61313
cg05394840	SLC35F1	3.79E-05	0.00014282	0.408169	-2.44996	0.535127	1.08962
cg06173579	SLC35F1	0.00110559	0.0276079	0.742016	-1.34768	0.436552	1.09519
cg14669345	SLC35F1	0.00207398	0.106179	0.666697	-1.49993	0.010071	0.474168
cg24121906	SLC35F1	0.00385479	0.267404	0.817442	-1.22333	0.000800384	0.413504
cg10374523	SLC35F1	0.00457421	0.0547966	0.48184	-2.07538	0.00903699	0.328775
cg13323701	SLC35F1	0.0057523	0.00616356	0.412233	-2.42581	0.606675	0.879147
cg23617640	SLC35F1	0.0123905	0.191924	0.776805	-1.28732	0.0349212	0.637988
cg14224444	SLC35F1	0.0154122	0.0140374	0.51124	-1.95603	0.306351	0.791132
cg04442576	SLC35F1	0.0154894	0.0582149	0.801354	-1.24789	0.0384526	0.780281
cg15244223	SLC35F1	0.0290727	0.280261	0.712838	-1.40284	0.144347	1.60469
cg25976242	SLC35F1	0.0323588	0.155425	1.39259	1.39259	0.445251	0.844067
cg01995743	SLC35F1	0.0419696	0.681977	1.15968	1.15968	0.447673	1.32158
cg11430157	SLC35F1;SLC35F1	0.00417808	0.942092	0.981283	-1.01907	0.518562	0.843482
cg26453171	SLC35F2	0.00193934	0.111038	0.464666	-2.15208	0.0282079	3.13924
cg26095973	SLC35F2	0.00848356	0.540883	0.844359	-1.18433	0.61346	1.14936
cg16825288	SLC35F2	0.0426973	0.00801548	0.335625	-2.97952	0.536652	1.22269
cg17073023	SLC35F2	0.0472229	0.0216106	0.314357	-3.1811	0.505501	0.753188
cg17451688	SLC35F3	2.97E-05	0.28754	0.867293	-1.15301	0.369855	1.12608
cg21002575	SLC35F3	6.98E-05	0.153467	0.812431	-1.23087	0.0125837	0.65591
cg23603573	SLC35F3	0.000187577	0.000971914	0.430258	-2.32419	0.782414	0.953546
cg09674468	SLC35F3	0.000307735	0.00963354	0.489181	-2.04423	0.98156	0.994969
cg04310063	SLC35F3	0.000849477	0.163377	0.75284	-1.3283	0.194976	1.29903
cg21396646	SLC35F3	0.00153789	0.453533	0.752663	-1.32862	0.389473	0.720234
cg16648603	SLC35F3	0.00461441	0.0101089	0.189695	-5.27162	0.00352722	0.131804
cg04919681	SLC35F3	0.00463212	0.24036	0.860732	-1.1618	0.326052	0.883636
cg22685369	SLC35F3	0.00484202	0.813323	0.930817	-1.07432	0.565867	1.19231
cg18115428	SLC35F3	0.00524265	0.38706	1.38074	1.38074	0.220116	1.59862
cg10701282	SLC35F3	0.00768084	0.00600556	0.262975	-3.80265	0.996436	1.00166
cg20267718	SLC35F3	0.0138705	0.173402	0.504856	-1.98076	0.0385133	0.322676
cg16546432	SLC35F3	0.0175997	0.19345	1.16425	1.16425	0.0158974	1.38592
cg07566700	SLC35F3	0.0197216	0.0839927	0.537372	-1.86091	0.309567	1.40715
cg01702210	SLC35F4	0.0015487	0.000403024	0.183611	-5.44631	0.276553	1.4063
cg20038225	SLC35F4	0.0277506	0.389515	1.25086	1.25086	0.110173	0.64279
cg15769201	SLC35F5	0.00176871	0.0011994	0.332201	-3.01022	0.250582	1.32153
cg03442056	SLC35F5	0.00544757	0.00233099	0.524713	-1.9058	0.025544	1.49564
cg05062560	SLC35F5	0.0240037	0.281064	0.658646	-1.51827	0.76834	1.11637
cg18581762	SLC36A1	0.000403655	1.50E-05	0.0501065	-19.9575	0.563529	1.21499

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06451717	SLC36A1	0.00326825	0.991795	0.997035	-1.00297	0.00792307	0.374026	-2.67361	0.000624709	0.218838	-4.56959	0.421111	1.26789	1.26789	0.0194593	0.442299	-2.26091
cg17364576	SLC36A1	0.012497	0.694806	0.960967	-1.04062	0.00670317	0.701118	-1.42629	0.0793421	0.821466	-1.21734	0.80639	0.97551	-1.0251	0.00213093	0.646745	-1.5462
cg04550063	SLC36A1	0.0192325	0.0482897	1.32278	1.32278	0.126723	1.22723	1.22723	0.00362697	1.62896	1.62896	0.174317	1.19617	1.19617	0.102285	0.801199	-1.24813
cg08724474	SLC36A1	0.0383403	0.0333765	0.723897	-1.38141	0.00635382	1.5867	1.5867	0.0814076	1.28534	1.28534	0.269615	0.861226	-1.16114	0.673463	1.05663	1.05663
cg08758185	SLC36A1	0.0408369	0.332011	0.650645	-1.53694	0.132925	2.0062	2.0062	0.0713618	2.37464	2.37464	0.802074	0.897752	-1.11389	0.683556	0.83862	-1.19243
cg23502298	SLC36A2	0.000311368	0.000189841	0.401852	-2.48848	0.119105	1.27775	1.27775	3.07E-05	0.307461	-3.25244	0.00323561	0.558778	-1.78962	0.000862062	0.484368	-2.06455
cg24131671	SLC36A2	0.000355307	8.87E-05	0.114818	-8.70943	0.000202807	0.146438	-6.82882	0.0641153	0.526518	-1.89927	0.488644	1.24221	1.24221	0.000289853	0.161618	-6.18742
cg18723442	SLC36A2	0.00171918	0.161857	0.661286	-1.51221	0.00450736	2.85239	2.85239	0.103824	0.611122	-1.63633	0.066956	0.56633	-1.76576	0.00147018	0.280516	-3.56486
cg10345936	SLC36A2	0.0154778	0.00819877	0.200172	-4.99569	0.0218322	0.270166	-3.70142	0.00989775	0.212304	-4.71023	0.0204312	0.264845	-3.77579	0.0536748	0.352774	-2.83467
cg01678321	SLC36A3;SLC36A3	0.000298572	0.0475919	0.610415	-1.63823	0.00139305	0.364558	-2.74305	0.000457974	0.300539	-3.32736	2.06E-05	0.153627	-6.50929	0.0250804	0.559575	-1.78707
cg11125805	SLC36A3;SLC36A3	0.000917056	0.0018465	0.203825	-4.90618	0.00660712	0.281239	-3.5557	0.00027884	0.117791	-8.48962	0.0056047	0.270247	-3.70031	0.000612165	0.149768	-6.67701
cg14086364	SLC36A3;SLC36A3	0.00326056	0.373372	0.759857	-1.31604	0.576933	0.844194	-1.18456	0.00121641	0.241	-4.14937	0.0577343	0.52474	-1.90571	0.016636	0.415285	-2.40799
cg21474842	SLC36A3;SLC36A3	0.00555693	0.953563	0.989111	-1.01101	0.245182	1.25678	1.25678	0.000708375	0.379065	-2.63807	0.138055	0.740639	-1.35019	0.00362032	0.476951	-2.09665
cg17953646	SLC36A3;SLC36A3	0.0247252	0.411332	0.819907	-1.21965	0.500163	1.17559	1.17559	0.00209377	0.359445	-2.78207	0.143148	0.689403	-1.45053	0.210118	0.731854	-1.36639
cg25406468	SLC36A3;SLC36A3	0.0420767	0.663846	0.941303	-1.06236	0.282649	1.16699	1.16699	0.0274152	0.697037	-1.43464	0.1128	0.787596	-1.26969	0.320902	0.867737	-1.15242
cg26882525	SLC36A3;SLC36A3	0.0429396	0.422012	1.5152	1.5152	0.379206	0.633146	-1.57942	0.212308	0.513974	-1.94562	0.587467	1.31985	1.31985	0.183087	0.488847	-2.04563
cg22445920	SLC36A3;SLC36A3;SLC36A3;SLC36A3	2.16E-05	0.312133	0.845265	-1.18306	0.0573202	1.41298	1.41298	4.00E-05	0.283164	-3.53152	0.234182	0.818318	-1.22202	0.061064	0.712215	-1.40407
cg00109131	SLC36A3;SLC36A3;SLC36A3;SLC36A3	0.00367969	0.0505601	0.61507	-1.62583	0.883977	0.968651	-1.03236	0.00295947	0.410706	-2.43483	0.653571	0.906158	-1.10356	0.0103353	0.494261	-2.02322
cg12119032	SLC36A4	0.000672218	0.583945	1.06858	1.06858	0.00160146	0.581032	-1.72108	0.00254257	0.605125	-1.65255	0.124827	1.22053	1.22053	0.000142386	0.455301	-2.19635
cg19791003	SLC36A4	0.00399596	0.0210716	2.07742	2.07742	0.926136	0.97586	-1.02474	0.715752	1.10117	1.10117	0.000266034	0.206448	-4.84384	0.613647	1.14358	1.14358
cg26445561	SLC36A4	0.0303633	0.00666103	0.460104	-2.17342	0.927987	1.02013	1.02013	0.155119	0.715004	-1.39859	0.217669	0.751298	-1.33103	0.0245729	0.554097	-1.80474
cg15554438	SLC36A4	0.0312788	0.0240459	0.719079	-1.39067	0.533948	1.08025	1.08025	0.105919	1.2416	1.2416	0.354188	0.889761	-1.1239	0.236096	0.858873	-1.16432
cg11926764	SLC36A4	0.0333462	0.213206	0.629071	-1.58965	0.589849	1.21219	1.21219	0.786837	0.908609	-1.10058	0.00521655	0.271653	-3.68117	0.0121966	0.331434	-3.0172
cg00965391	SLC36A4	0.0494331	0.893324	0.980902	-1.01947	0.147094	1.2506	1.2506	0.00132194	1.95694	1.95694	0.873396	1.02318	1.02318	0.0676746	1.34203	1.34203
cg20002045	SLC37A1	0.000428022	0.000716309	0.508387	-1.967	0.00295806	1.709	1.709	0.250241	1.17095	1.17095	0.399528	0.892897	-1.11995	8.10E-05	0.392994	-2.54457
cg08599496	SLC37A1	0.000596824	0.00498549	0.68708	-1.45544	0.379911	0.913058	-1.09522	0.0162504	0.743198	-1.34554	0.194638	1.1486	1.1486	0.000164343	0.522666	-1.91327
cg00549412	SLC37A1	0.00308882	0.935105	1.02217	1.02217	0.230539	0.712743	-1.40303	0.646337	1.13245	1.13245	0.0407094	1.88909	1.88909	0.000156579	0.175176	-5.70855
cg17398613	SLC37A1	0.00401233	0.899017	0.971049	-1.02981	0.0457048	1.6991	1.6991	0.168326	0.711979	-1.40454	0.269637	1.30474	1.30474	0.000544731	0.288391	-3.46752
cg13960334	SLC37A1	0.0118608	0.624653	0.87864	-1.13812	0.877663	0.960389	-1.04124	0.0841234	0.605674	-1.65105	0.00818848	0.411586	-2.42963	0.132765	0.65339	-1.53048
cg12409874	SLC37A1	0.023371	0.0536315	0.532684	-1.87728	0.488901	0.817054	-1.22391	0.178306	0.662979	-1.50834	0.0942925	0.589417	-1.69659	0.00243681	0.297478	-3.36159
cg00288945	SLC37A1	0.0249623	0.0382342	0.467081	-2.14095	0.251125	1.46237	1.46237	0.737124	1.11269	1.11269	0.475755	0.794647	-1.25842	0.000945621	0.209591	-4.7712
cg23336810	SLC37A1	0.0262755	0.361946	0.627182	-1.59443	0.0258415	0.267845	-3.7335	0.0480828	0.32472	-3.07958	0.0381775	0.302362	-3.30729	0.00270862	0.127145	-7.86501
cg17218342	SLC37A1	0.0279516	0.0370469	0.710186	-1.40808	0.442518	1.11703	1.11703	0.182545	0.81878	-1.22133	0.0100102	0.63156	-1.58338	0.707801	1.05466	1.05466
cg13951069	SLC37A1;SLC37A1	0.00332742	0.0422645	0.490354	-2.03934	0.747016	1.10362	1.10362	0.0184967	0.418856	-2.38745	0.782894	0.919302	-1.08778	0.00148334	0.247476	-4.0408
cg14469376	SLC37A2;SLC37A2	0.000253369	0.548769	0.907069	-1.10245	0.0119044	0.603741	-1.65634	6.65E-06	0.199947	-5.00134	0.911699	1.01799	1.01799	0.0996057	0.748153	-1.33663
cg11537406	SLC37A2;SLC37A2	0.000931784	0.00118967	0.162756	-6.14418	0.406828	1.38292	1.38292	0.000258658	0.10057	-9.94334	0.536536	0.787325	-1.27012	0.000514756	0.12607	-7.93209
cg08383122	SLC37A2;SLC37A2	0.00537185	0.0470355	0.68967	-1.44997	0.00047776	0.408129	-2.4502	0.000475477	0.407862	-2.45181	0.559575	0.908061	-1.10125	0.47976	0.889204	-1.1246
cg06555020	SLC37A2;SLC37A2	0.00691341	0.35566	0.876499	-1.1409	0.512189	0.911898	-1.09661	0.0166958	0.666724	-1.49987	0.91567	0.985412	-1.0148	0.000307528	0.443564	-2.25447
cg00221830	SLC37A2;SLC37A2	0.0245351	0.367296	1.1068	1.1068	0.415573	0.912856	-1.09546	0.714478	0.960539	-1.04108	0.320016	0.893515	-1.11918	0.578465	0.940354	-1.06343
cg01086404	SLC37A2;SLC37A2	0.0250379	0.00170568	0.20676	-4.83652	0.339915	1.41349	1.41349	0.102743	0.53359	-1.8741	0.633716	0.844593	-1.184	0.0891977	0.517132	-1.93374
cg11937778	SLC37A2;SLC37A2	0.032637	0.380039	0.652788	-1.53189	0.0242465	0.280202	-3.56885	0.0494521	0.345811	-2.89175	0.645186	1.24559	1.24559	0.00930465	0.209569	-4.77169
cg00379713	SLC37A2;SLC37A2	0.0378311	0.614339	0.886789	-1.12766	0.125907	1.47935	1.47935	0.0774845	1.59053	1.59053	0.344066	0.794158	-1.25919	0.91911	0.976265	-1.02431
cg11972554	SLC37A2;SLC37A2;SLC37A2;SLC37A2	0.0107613	0.434801	0.883172	-1.13228	0.0266115	1.50632	1.50632	0.122463	1.29815	1.29815	0.00859218	0.593014	-1.6863	0.018386	0.640197	-1.56202
cg14373597	SLC37A3;SLC37A3	5.12E-05	0.0210486	0.567301	-1.76273	5.16E-05	0.212777	-4.69976	2.00E-05	0.171436	-5.83309	0.159966	0.735881	-1.35891	2.19E-05	0.17517	-5.70873
cg08109505	SLC37A3;SLC37A3	0.00024228	0.00088152	0.748217	-1.33651	0.140127	0.911779	-1.09676	0.678071	1.02459	1.02459	0.00509851	0.806248	-1.24031	0.00887143	0.823826	-1.21385
cg01012242	SLC37A3;SLC37A3	0.000746204	0.00965543	2.23028	2.23028	0.000280678	4.28316	4.28316	0.00305954	2.70039	2.70039	0.00535379	2.4556	2.4556	0.835632	1.0522	1.0522
cg05906092	SLC37A3;SLC37A3	0.0100418	0.191558	0.842195	-1.18737	0.436339	0.906069	-1.10367	0.00362387	1.63074	1.63074	0.138008	0.820054	-1.21943	0.735071	0.958689	-1.04309
cg27381618	SLC37A3;SLC37A3	0.0256607	0.853958	0.976308	-1.02427	0.010423	1.52145	1.52145	0.275746	0.862831	-1.15898	0.893157	1.01764	1.01764	0.0270234	1.4059	1.4059
cg12526474	SLC37A3;SLC37A3	0.0273748	0.188573	0.705538	-1.41736	0.184664	0.703087	-1.4223	0.317787	1.29505	1.29505	0.43862	1.21872	1.21872	0.148342	0.678278	-1.47432
cg06838869	SLC37A3;SLC37A3;SLC37A3;SLC37A3	0.0464291	0.861463	1.04469	1.04469	0.0247788	0.512297	-1.95199	0.546698	0.858427	-1.16492	0.379157	0.797872	-1.25333	0.00305145	0.362185	-2.76102
cg08998953	SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.0141206	0.0513328	0.469575	-2.12959	0.215575	0.641417	-1.55905	0.0431605	2.20916	2.20916	0.384733	1.35477	1.35477	0.00121188	0.199059	-5.02364
cg08083088	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.0021881	0.98149	1.00589	1.00589	0.0119317	0.451904	-2.21286	0.047683	0.56366	-1.77412	0.0521432	0.571638	-1.74936	0.0981764	0.631767	-1.58286
cg24687335	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.0120043	0.493637	1.0941	1.0941	0.110074	1.25271	1.25271	0.0203293	1.43598	1.43598	0.0421373	1.35376	1.35376	0.352471	1.13177	1.13177
cg05318102	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.0320744	0.793168	0.888864	-1.12503	0.556561	0.765973	-1.30553	0.569595	1.2939	1.2939	0.0016429	0.132523	-7.54587	0.707133	0.844325	-1.18438
cg03132935	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.047327	0.77761	1.06437	1.06437	0.839708	0.956359	-1.04563	0.0761465	1.54463	1.54463	0.150157	1.40477	1.40477	0.17804	1.3707	1.3707
cg21778900	SLC38A10;SLC38A10	0.000193999	0.459632	1.14244	1.14244	0.00074553	2.47259	2.47259	0.00581419	1.89436	1.89436	0.0533873	0.678335	-1.4742	2.91E-05	0.234487	-4.26463
cg03928032	SLC38A10;SLC38A10	0.00025	0.295441	0.894586	-1.11784	0.0127418	0.72778	-1.37404	0.079713	0.819006	-1.22099	0.148371	0.852852	-1.17254	0.000415585	0.562736	-1.77703
cg12243428	SLC38A10;SLC38A10	0.000270466	0.221483	1.25451	1.25451	0.011711	0.573676	-1.74315	0.772972	0.950244	-1.05236	0.24226	0.805788	-1.24102	0.0107177	0.567883	-1.76093
cg02467899	SLC38A10;SLC38A10	0.000337747	0.2261	0.684267	-1.46142	0.00107403	0.23647	-4.22886	0.000104593	0.129156	-7.74256	0.00138434	0.250592	-3.99055	4.37E-05	0.0988356	-10.1178
cg08553082	SLC38A10;SLC38A10	0.000441619	0.243598	0.760866	-1.31429	0.154141	1.40738	1.40738	0.00315852	0.405139	-2.46829	0.430454	0.835047	-1.19754	8.67E-05	0.20649	-4.84285
cg06487369	SLC38A10;SLC38A10	0.000468834	0.17292	0.812824	-1.23028	0.00287831	1.79635	1.79635	0.0567849	1.3608	1.3608	0.742602	0.954002	-1.04822	1.20E-05	0.266454	-3.75299
cg20552468	SLC38A10;SLC38A10	0.000716449	0.66366	0.910384	-1.09844	0.104831	0.683623	-1.46279	0.269702	0.781428	-1.27971	0.0368056	0.59426	-1.68276	0.000360563	0.292974	-3.41328
cg13871900	SLC38A10;SLC38A10	0.000883025	0.0624225	0.687395	-1.45477	0.00163371	0.44644	-2.23994	0.000160458	0.315879	-3.16577	0.00556396	0.521551	-1.91736	0.000424782	0.368759	-2.7118
cg03710029	SLC38A10;SLC38A10	0.000893143	0.189418	1.19673	1.19673	0.274635	1.15818	1.15818	0.503161	1.09175	1.09175	0.00510679	1.61292	1.61292	0.000665092	0.510106	-1.96038
cg09833331	SLC38A10;SLC38A10	0.00159179	0.0405716	0.700185	-1.42819	0.00757091	0.595856	-1.67826	0.00277136	0.536924	-1.86246	0.821658	0.966545	-1.03461	0.401981	0.878732	-1.138
cg26055841	SLC38A10;SLC38A10	0.00399938	0.579	0.901959	-1.1087	0.244142	1.2515	1.2515	0.37322	0.845104	-1.18329	0.726557	0.937406	-1.06677	5.96E-05	0.254909	-3.92297
cg16863795	SLC38A10;SLC38A10	0.00431402	0.114986	0.513672	-1.94677	0.553405	1.26242	1.26242	0.176576	0.572133	-1.74785	0.139581	0.539054	-1.8551	0.0681513	0.452071	-2.21204
cg25988214	SLC38A10;SLC38A10	0.00519757	0.00553433	3.51686	3.51686	0.00810748	3.22011	3.22011	0.0604349	2.07589	2.07589	0.0179056	2.69822	2.69822	0.294908	0.687482	-1.45458
cg07003587	SLC38A10;SLC38A10	0.00786143	0.973758	1.0152	1.0152	0.0595032	2.65269	2.65269	0.602567	1.27247	1.27247	0.0697747	0.394506	-2.53482	0.15064	0.493335	-2.02702
cg08224920	SLC38A10;SLC38A10	0.00814175	0.563196	1.16729	1.16729	0.36113	0.780005	-1.28204	0.55127	0.852529	-1.17298	0.108049	0.62873	-1.59051	0.00760672	0.403176	-2.4803
cg23460369	SLC38A10;SLC38A10	0.0128934	0.0373859	0.732487	-1.36521	0.0126863	0.670846	-1.49065	0.00100836	0.533201	-1.87547	0.375452	1.12437	1.12437	0.292954	0.868838	-1.15096
cg01521080	SLC38A10;SLC38A10	0.0147738	0.908321	0.971604	-1.02923	0.765025	1.07784	1.07784	0.56823	1.15515	1.15515	0.0459284	0.564344	-1.77197	0.0198888	0.495151	-2.01958
cg06850526	SLC38A10;SLC38A10	0.0153803	0.234776	0.564033	-1.77295	0.0304447	3.22066	3.22066	0.0270194	3.33305	3.33305	0.0290356	3.26478	3.26478	0.344427	0.639035	-1.56486
cg26250129	SLC38A10;SLC38A10	0.0179238	0.512103	0.884886	-1.13009	0.41313	0.857361	-1.16637	0.26266	0.806695	-1.23963	0.910317	0.979488	-1.02094	0.000223623	0.3231	-3.09502
cg05096583	SLC38A10;SLC38A10	0.0267261	0.403521	0.848056	-1.17917	0.0974969	1.41988	1.41988	0.758011	0.942159	-1.06139	0.832583	0.960009	-1.04166	0.405853	0.84878	-1.17816
cg13685679	SLC38A10;SLC38A10	0.0272123	0.080901	0.62765	-1.59324	0.458838	0.834006	-1.19903	0.0726822	0.617622	-1.61911	0.695399	0.909652	-1.09932	0.100723	0.648796	-1.54132
cg00466249	SLC38A10;SLC38A10	0.028224	0.3639	0.577184	-1.73255	0.0393128	4.07336	4.07336	0.119493	2.70498	2.70498	0.123239	2.67377	2.67377	0.211047	0.460164	-2.17314
cg20853569	SLC38A10;SLC38A10	0.0320174	0.263451	0.878143	-1.13877	0.570067	1.06607	1.06607	0.0768432	0.803055	-1.24524	0.317442	0.891194	-1.12209	0.755841	0.965829	-1.03538
cg15573861	SLC38A10;SLC38A10	0.0369665	0.00403481	0.579164	-1.72663	0.152302	1.24214	1.24214	0.385844	1.13396	1.13396	0.0568622	0.737287	-1.35632	0.173002	0.814599	-1.2276
cg14621907	SLC38A10;SLC38A10	0.0395763	0.27018	0.736126	-1.35846	0.0500393	0.550877	-1.81529	0.314761	0.757767	-1.31967	0.399941	1.25849	1.25849	0.0798594	0.595352	-1.67968
cg19855563	SLC38A10;SLC38A10	0.0422975	0.0329811	0.468619	-2.13393	0.00157276	0.251566	-3.97511	0.213402	0.671491	-1.48922	0.800897	1.07983	1.07983	?	?	?
cg14486098	SLC38A10;SLC38A10	0.0443628	0.0718703	0.558433	-1.79072	0.0161886	2.34639	2.34639	0.125821	1.61652	1.61652	0.41597	1.27259	1.27259	0.0508195	0.524602	-1.90621
cg15102609	SLC38A10;SLC38A10	0.0452974	0.444506	0.870358	-1.14895	0.0140223	0.582549	-1.71659	0.0022194	0.466018	-2.14584	0.421624	0.863958	-1.15746	0.128876	0.746523	-1.33954
cg27406472	SLC38A10;SLC38A10	0.0485041	0.730655	1.06791	1.06791	0.810003	0.955239	-1.04686	0.192774	0.769456	-1.29962	0.0117085	0.549459	-1.81997	0.286622	0.810279	-1.23414
cg01741878	SLC38A10;SLC38A10;SLC38A10;SLC38A10	0.0123122	0.324592	1.14388	1.14388	0.00115504	1.87939	1.87939	0.0305246	1.39922	1.39922	0.896751	0.98299	-1.0173	0.466613	1.10285	1.10285
cg05090759	SLC38A11	0.000114542	0.00186549	0.233679	-4.27937	0.174685	0.621548	-1.60889	0.000871147	0.192982	-5.18182	0.0142369	2.70738	2.70738	0.000360333	0.151865	-6.58481
cg12301695	SLC38A11	0.000439808	0.00161921	0.268036	-3.73084	0.26127	0.710795	-1.40688	0.00575813	0.348392	-2.87033	0.0352975	2.04275	2.04275	0.00237812	0.291017	-3.43622
cg05339727	SLC38A11	0.0004498	0.00135357	0.284499	-3.51495	0.259763	0.727922	-1.37377	0.000599821	0.239271	-4.17936	0.0045501	2.77561	2.77561	0.00175833	0.299981	-3.33355
cg01770810	SLC38A11	0.00165822	0.511878	0.908009	-1.10131	0.000191201	0.401841	-2.48855	0.000258197	0.417984	-2.39243	0.154734	1.24724	1.24724	0.501873	0.905861	-1.10392
cg03464655	SLC38A11;SLC38A11	8.91E-06	0.000193453	0.380341	-2.62922	0.0797466	0.741123	-1.3493	0.00510027	0.565396	-1.76867	0.000509173	2.30833	2.30833	0.000520937	0.434481	-2.3016
cg24777351	SLC38A11;SLC38A11	9.52E-05	0.00475827	0.479465	-2.08566	0.00950958	0.525083	-1.90446	0.00294564	0.449029	-2.22703	0.000198611	3.40643	3.40643	0.00190295	0.422054	-2.36937
cg26069615	SLC38A1;SLC38A1	1.56E-05	0.413425	1.08195	1.08195	0.00114945	0.637546	-1.56852	0.000564429	0.604447	-1.65441	0.567512	1.05595	1.05595	0.00361683	1.44918	1.44918
cg19585214	SLC38A1;SLC38A1	0.000168404	0.33841	1.15278	1.15278	1.12E-05	0.260626	-3.83691	0.00075709	0.479194	-2.08684	0.0357957	1.42182	1.42182	0.184435	0.816417	-1.22486
cg23031196	SLC38A1;SLC38A1	0.00263258	0.00723724	0.221253	-4.51972	0.0012397	0.128125	-7.80487	0.201129	0.555614	-1.79981	0.417838	1.43389	1.43389	0.00147767	0.135773	-7.36523
cg23347835	SLC38A1;SLC38A1	0.0131159	0.511108	1.15214	1.15214	0.00251278	0.409969	-2.43921	0.118807	0.697858	-1.43296	0.0376973	0.59919	-1.66892	0.0371445	0.598021	-1.67218
cg15777028	SLC38A1;SLC38A1	0.0131671	0.00867244	0.193684	-5.16305	0.0695668	0.369389	-2.70717	0.053112	0.340188	-2.93955	0.188117	0.504437	-1.98241	0.00213389	0.120372	-8.30755
cg00136822	SLC38A1;SLC38A1	0.0139822	0.0142401	0.350895	-2.84986	0.171116	0.603652	-1.65658	0.0480453	0.457148	-2.18748	0.539064	1.24036	1.24036	0.0335117	0.42303	-2.3639
cg07724015	SLC38A1;SLC38A1	0.0154893	0.00634865	0.391066	-2.55711	0.031645	0.513871	-1.94601	0.034208	0.520504	-1.92121	0.726424	0.911353	-1.09727	0.855468	1.04936	1.04936
cg26018685	SLC38A1;SLC38A1	0.027394	0.00759531	0.158383	-6.31383	0.982913	0.988571	-1.01156	0.23016	0.508788	-1.96545	0.951155	0.967655	-1.03343	0.0382902	0.275658	-3.62769
cg14673904	SLC38A1;SLC38A1	0.0390174	0.0173723	0.214403	-4.66412	0.515232	0.704139	-1.42017	0.282235	0.552088	-1.81131	0.0331573	0.266086	-3.75819	0.0351541	0.271288	-3.68613
cg17090968	SLC38A1;SLC38A1	0.0409226	0.0150699	0.223606	-4.47215	0.033881	0.28881	-3.46249	0.130815	0.441279	-2.26614	0.933231	0.958855	-1.04291	0.0554298	0.336685	-2.97014
cg12494373	SLC38A1;SLC38A1	0.0466794	0.0153725	0.164132	-6.09266	0.110064	0.347115	-2.88089	0.107492	0.343968	-2.90725	0.253323	0.484429	-2.06429	0.184217	0.42497	-2.35311
cg23334507	SLC38A2	0.000600281	0.302859	1.12279	1.12279	0.711242	0.960453	-1.04118	0.1862	0.858917	-1.16426	0.663992	0.953676	-1.04857	0.0158483	1.37805	1.37805
cg26212328	SLC38A2	0.00137205	0.140997	2.07933	2.07933	0.32541	1.59918	1.59918	0.0194474	0.27085	-3.69208	0.416616	0.681238	-1.46792	5.77E-05	0.0317936	-31.4528
cg10002103	SLC38A2	0.00146411	0.564724	0.883685	-1.13162	0.947976	1.01396	1.01396	0.804872	1.05398	1.05398	0.391472	0.829857	-1.20503	0.146804	0.718367	-1.39205
cg13591723	SLC38A2	0.0016508	0.000175797	0.351758	-2.84286	0.047451	0.689103	-1.45116	0.486552	0.89039	-1.1231	0.00518217	0.545536	-1.83306	0.0763833	0.723442	-1.38228
cg19620086	SLC38A2	0.00225327	0.716452	0.92872	-1.07675	0.0016547	2.49124	2.49124	0.0109294	0.523312	-1.9109	0.0558635	0.644581	-1.5514	0.000477383	0.329025	-3.03928
cg20830447	SLC38A2	0.011031	0.127449	0.748245	-1.33646	0.389287	0.856206	-1.16794	0.197207	1.2711	1.2711	0.0206602	0.612394	-1.63293	0.0485376	0.67265	-1.48666
cg06864895	SLC38A2	0.0114746	0.796727	1.09638	1.09638	0.0438457	2.28363	2.28363	0.0731401	0.49048	-2.03882	0.628777	1.18964	1.18964	0.000692196	0.157914	-6.33255
cg16848712	SLC38A2	0.0135038	0.0893745	2.33839	2.33839	0.0355357	3.03395	3.03395	0.100707	0.442472	-2.26003	0.717441	1.17918	1.17918	0.00389005	0.171519	-5.83027
cg21563683	SLC38A2	0.0242166	0.834841	1.08274	1.08274	0.0152642	3.10899	3.10899	0.0717675	0.465127	-2.14995	0.611769	0.822927	-1.21517	0.00349086	0.221133	-4.52216
cg07688749	SLC38A2	0.0306729	0.0628625	0.589466	-1.69645	0.666759	1.11561	1.11561	0.276385	1.331	1.331	0.048204	0.565415	-1.76861	0.0210771	0.496275	-2.01501
cg15333818	SLC38A2	0.0350859	0.537397	0.882028	-1.13375	0.0178712	1.7836	1.7836	0.0209592	1.7478	1.7478	0.0589705	0.651377	-1.53521	0.124168	0.715579	-1.39747
cg09050775	SLC38A2	0.037778	0.0568898	0.201989	-4.95077	0.16975	2.96123	2.96123	0.545062	1.57561	1.57561	0.427565	0.548121	-1.82442	0.0247445	0.137467	-7.27445
cg06272054	SLC38A2;SLC38A2	0.0470007	0.017366	0.454551	-2.19997	0.152278	1.51796	1.51796	0.442415	1.23759	1.23759	0.00753257	0.392218	-2.5496	0.514955	0.835512	-1.19687
cg19914607	SLC38A3	0.00140122	0.00709972	0.651795	-1.53422	0.00143047	0.566932	-1.76388	0.000151482	0.449292	-2.22572	0.00703533	0.651308	-1.53537	0.737906	0.959513	-1.04219
cg03645007	SLC38A3	0.0185764	0.0471506	0.705065	-1.41831	0.61817	0.925603	-1.08038	0.21906	0.819667	-1.22001	0.802903	1.03922	1.03922	0.904043	1.01873	1.01873
cg04682699	SLC38A3	0.0215403	0.426088	1.19761	1.19761	0.636165	1.11153	1.11153	0.14718	1.41221	1.41221	0.025902	1.79825	1.79825	0.00658959	0.457119	-2.18761
cg26601922	SLC38A3	0.0283921	0.241539	0.907244	-1.10224	0.00814611	0.76419	-1.30857	0.00299469	0.72377	-1.38165	0.847189	0.984797	-1.01544	0.0886193	0.861435	-1.16085
cg19122460	SLC38A3	0.0296402	0.221621	1.46077	1.46077	0.200574	0.670917	-1.4905	0.00470692	0.316102	-3.16353	0.0644805	1.85747	1.85747	0.757302	0.913215	-1.09503
cg27303674	SLC38A4;SLC38A4	3.61E-07	0.2495	0.872985	-1.1455	0.000266537	0.508891	-1.96506	8.44E-07	0.227046	-4.4044	0.106941	0.819851	-1.21973	0.00140946	0.593481	-1.68497
cg04094478	SLC38A4;SLC38A4	0.00561642	0.00894166	0.474468	-2.10763	0.0362852	1.72591	1.72591	0.0391561	0.585587	-1.70769	0.0871354	0.654747	-1.52731	0.0634252	0.626275	-1.59674
cg23181282	SLC38A4;SLC38A4	0.0131894	0.00882006	0.197997	-5.05057	0.122476	0.443578	-2.2544	0.023611	0.269093	-3.71619	0.0248064	0.273176	-3.66064	0.00888746	0.198479	-5.03831
cg18064171	SLC38A4;SLC38A4	0.0274392	0.0281146	0.537719	-1.85971	0.0559669	0.595737	-1.67859	0.0632531	0.606679	-1.64832	0.0343067	0.553935	-1.80527	0.0396451	0.565987	-1.76683
cg00140889	SLC38A4;SLC38A4	0.0398266	0.0194398	0.19758	-5.06123	0.0514947	0.280177	-3.56917	0.0771969	0.323775	-3.08857	0.0545513	0.285995	-3.49656	0.0287796	0.227619	-4.3933
cg20495737	SLC38A5	9.82E-05	0.135532	1.28714	1.28714	0.0201428	0.644174	-1.55237	0.175337	0.797609	-1.25375	0.00767984	1.7118	1.7118	0.131847	0.774759	-1.29072
cg17590101	SLC38A5	0.000357055	0.0166314	2.11952	2.11952	0.00449464	2.64573	2.64573	0.668623	1.11696	1.11696	0.00496207	2.60004	2.60004	0.0910223	0.619903	-1.61316
cg04700811	SLC38A5	0.00132059	0.0265773	1.90605	1.90605	0.00129122	0.316404	-3.16051	0.00895463	0.442276	-2.26103	0.974635	0.992228	-1.00783	0.000176792	0.210125	-4.75907
cg02151779	SLC38A5	0.00318948	0.00773632	5.19594	5.19594	0.665384	0.810909	-1.23318	0.934284	0.961055	-1.04052	0.124566	0.448886	-2.22774	0.302896	0.598069	-1.67205
cg18492059	SLC38A5	0.0168748	0.68585	1.12632	1.12632	0.00202439	0.279857	-3.57326	0.025087	0.458644	-2.18034	0.922028	1.02905	1.02905	0.00439159	0.328692	-3.04236
cg26735834	SLC38A5	0.0182713	0.284287	1.51364	1.51364	0.0127299	0.315498	-3.16959	0.0142272	0.324016	-3.08627	0.730909	0.879277	-1.1373	0.00363486	0.230764	-4.33344
cg21197919	SLC38A5	0.0300384	0.0291321	1.93139	1.93139	0.0180038	0.479139	-2.08708	0.192226	0.702312	-1.42387	0.0535629	0.570489	-1.75288	0.0374707	0.538978	-1.85536
cg24455325	SLC38A5	0.048145	0.0230251	0.204989	-4.87831	0.0764601	0.316992	-3.15466	0.0161636	0.179901	-5.55863	0.130084	0.385507	-2.59398	0.0559577	0.283035	-3.53314
cg16175497	SLC38A5;SLC38A5	0.0213104	0.294814	1.30855	1.30855	0.198854	0.714593	-1.3994	0.0371607	0.549453	-1.81999	0.0148455	0.47628	-2.0996	0.00305558	0.366359	-2.72956
cg18268220	SLC38A6	0.00634733	0.00410671	0.47928	-2.08646	0.705976	0.930155	-1.07509	0.348789	1.20234	1.20234	0.186769	0.765409	-1.30649	0.00151386	0.417766	-2.39368
cg09961663	SLC38A6	0.0263393	0.668847	0.882236	-1.13348	0.00131234	0.256177	-3.90356	0.0202958	0.442737	-2.25868	0.0631991	0.544194	-1.83758	0.861364	1.05222	1.05222
cg13676204	SLC38A6;TRMT5	0.000172372	0.0124589	0.543002	-1.84161	?	?	?	?	?	?	0.000659408	0.345678	-2.89286	0.0513899	1.52948	1.52948

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06451717	0.5013	1.21788	1.21788	0.755994	0.913911	-1.0942	0.0108074	0.396685	-2.52089	0.00105736	0.246939	-4.04959	8.34281	11.0205	1.17418	1
cg17364576	0.688841	0.960171	-1.04148	0.0880517	0.826896	-1.20934	0.444153	1.08196	1.08196	0.0238586	1.31291	1.31291	5.50046	0.888218	0.143538	1
cg04550063	0.0582189	1.30387	1.30387	0.0897804	0.793083	-1.2609	0.0401559	1.34169	1.34169	0.45571	1.09875	1.09875	4.76741	1.16018	0.216317	1
cg08724474	0.980963	1.00311	1.00311	0.212986	0.843288	-1.18583	0.280162	0.86425	-1.15707	0.239416	1.17363	1.17363	3.74091	1.00061	0.237758	1
cg08758185	0.00247695	0.164203	-6.09001	0.11623	0.480423	-2.0815	0.741226	0.867347	-1.15294	0.453502	0.720416	-1.38809	3.65511	10.6762	2.59635	1
cg23502298	0.340638	0.867365	-1.15292	0.679983	0.941669	-1.06194	0.00342891	0.562093	-1.77907	0.36211	0.873072	-1.14538	16.2834	5.41496	0.295595	1
cg24131671	0.00686604	0.33985	-2.94248	0.00035114	0.170161	-5.87679	0.0684288	0.533141	-1.87568	0.0100603	0.367333	-2.72233	15.7042	23.643	1.33825	1
cg18723442	0.956684	1.01515	1.01515	0.000297319	0.195838	-5.10627	0.0130609	0.426345	-2.34552	0.0999016	0.60702	-1.64739	10.075	12.2322	1.07921	1
cg10345936	0.0736649	0.387418	-2.58119	0.00327534	0.148684	-6.72565	0.0362604	0.314178	-3.18291	0.0291869	0.294604	-3.39438	5.12718	18.3634	3.18362	1
cg01678321	0.194673	0.741646	-1.34835	0.387414	0.824474	-1.2129	9.61E-05	0.220446	-4.53625	0.0996975	0.674974	-1.48154	16.4716	12.3823	0.668207	1
cg11125805	0.00481081	0.260324	-3.84137	0.00136809	0.188026	-5.31842	0.0138665	0.334925	-2.98575	0.00108061	0.176195	-5.67554	12.0586	24.7171	1.822	1
cg14086364	0.000465521	0.191246	-5.22888	0.620912	0.860862	-1.16163	0.00312258	0.296824	-3.369	0.00375044	0.308523	-3.24125	8.34867	11.9421	1.27148	1
cg21474842	0.234289	0.79103	-1.26418	0.00458405	0.491844	-2.03317	0.0510465	0.658486	-1.51864	0.0153447	0.571506	-1.74976	7.10505	3.97792	0.497664	1
cg17953646	0.267222	0.760937	-1.31417	0.0141716	2.04499	2.04499	0.533727	0.861585	-1.16065	0.729835	1.08539	1.08539	4.374	3.87038	0.786542	1
cg25406468	0.607722	0.930882	-1.07425	0.201114	1.20534	1.20534	0.0108528	0.642431	-1.55659	0.0173082	0.669641	-1.49334	3.61488	1.09552	0.269386	1
cg26882525	0.0390365	0.29812	-3.35436	0.625731	1.28279	1.28279	0.442324	0.67241	-1.48719	0.00167919	0.102739	-9.73338	3.58773	14.5851	3.61359	1
cg22445920	6.66E-05	0.308789	-3.23846	0.00669792	0.568104	-1.76024	2.48E-06	0.159628	-6.26457	1.76E-05	0.243671	-4.1039	33.1884	13.5867	0.363894	1
cg00109131	0.700275	0.919089	-1.08803	0.689875	1.09143	1.09143	0.000121322	0.231251	-4.3243	0.147806	0.712692	-1.40313	8.05209	6.06767	0.669824	1
cg12119032	0.00848578	1.49629	1.49629	0.13262	0.82314	-1.21486	0.030356	1.35703	1.35703	0.887875	0.983222	-1.01706	13.1593	2.99818	0.202522	1
cg19791003	0.00454812	0.369356	-2.70741	0.153455	1.49599	1.49599	0.545758	0.851189	-1.17483	0.321036	0.763239	-1.3102	7.85489	8.6393	0.977656	1
cg26445561	0.462728	0.848042	-1.17919	0.715319	1.08412	1.08412	0.601904	0.890429	-1.12305	0.00264484	0.399633	-2.5023	4.06939	3.13341	0.68444	1
cg15554438	0.28589	0.873008	-1.14547	0.0253979	1.38483	1.38483	0.0264347	1.38058	1.38058	0.119727	1.22981	1.22981	4.02655	0.957548	0.211385	1
cg11926764	0.0486035	2.2178	2.2178	0.925333	0.967399	-1.0337	0.214532	0.630003	-1.58729	0.246578	0.651526	-1.53486	3.93526	7.79231	1.76011	1
cg00965391	0.156234	1.24358	1.24358	0.837109	1.03003	1.03003	0.781758	1.04072	1.04072	0.108535	1.28607	1.28607	3.40284	1.11322	0.290796	1
cg20002045	0.0784386	1.29275	1.29275	0.116505	1.2511	1.2511	0.0183659	1.45621	1.45621	0.128929	1.24051	1.24051	14.9188	4.0766	0.242891	1
cg08599496	0.0936642	1.20462	1.20462	0.929073	1.00903	1.00903	0.000967863	0.608968	-1.64212	0.000279741	0.548771	-1.82226	13.604	2.19704	0.143555	1
cg00549412	0.301992	0.749848	-1.3336	0.301194	0.749466	-1.33428	0.00238936	0.319953	-3.12546	0.351035	1.29486	1.29486	8.48427	9.73934	1.02038	1
cg17398613	0.109671	0.667946	-1.49713	0.0104094	0.474026	-2.10959	0.0107412	2.09964	2.09964	0.80959	0.945672	-1.05745	7.84521	6.65311	0.75382	1
cg13960334	0.00324683	0.34882	-2.86681	0.114339	1.5693	1.5693	0.00746316	0.405002	-2.46913	0.0185401	0.472757	-2.11525	5.59463	6.09984	0.969158	1
cg12409874	0.96928	0.988994	-1.01113	0.00631665	0.359853	-2.77892	0.869639	1.04834	1.04834	0.0183684	0.439424	-2.27571	4.46017	5.83436	1.16276	1
cg00288945	0.241837	0.678212	-1.47446	0.707097	1.1271	1.1271	0.210349	0.658112	-1.5195	0.0736055	0.531424	-1.88174	4.35952	6.93661	1.41435	1
cg23336810	0.126114	0.438713	-2.27939	0.0627465	0.352584	-2.83621	0.0138045	0.219775	-4.5501	0.0299476	0.280431	-3.56594	4.28227	16.8093	3.48917	1
cg17218342	0.00660471	0.60749	-1.64612	0.565861	1.08549	1.08549	0.522498	0.912462	-1.09594	0.11705	1.27206	1.27206	4.19033	1.32576	0.281232	1
cg13951069	0.034403	0.471607	-2.12041	0.0163706	0.409072	-2.44456	0.00166345	3.93657	3.93657	0.426617	0.78093	-1.28052	8.29827	12.1951	1.30631	1
cg14469376	0.0924949	0.742563	-1.34669	0.000214864	0.370362	-2.70006	0.101187	0.74935	-1.33449	0.103173	1.33186	1.33186	17.227	7.05128	0.363836	1
cg11537406	0.0400081	0.403805	-2.47645	0.000573995	0.130479	-7.66406	0.295284	0.660556	-1.51388	0.758747	1.1249	1.1249	12.0044	27.7519	2.05495	1
cg08383122	0.862798	0.972122	-1.02868	0.589942	0.914908	-1.09301	0.478365	1.12503	1.12503	0.52098	0.899117	-1.1122	7.1793	3.03801	0.376144	1
cg06555020	0.0630477	0.748186	-1.33657	0.00222037	0.55176	-1.81238	0.0488603	0.731925	-1.36626	0.21666	0.834967	-1.19765	6.64083	2.02449	0.270983	1
cg00221830	0.18001	0.855547	-1.16884	0.000738383	1.75359	1.75359	0.716054	0.960764	-1.04084	0.194885	0.860502	-1.16211	4.38575	0.833926	0.169017	1
cg01086404	0.43884	0.757436	-1.32024	0.00649455	0.288024	-3.47193	0.91819	0.964497	-1.03681	0.938037	1.02773	1.02773	4.35494	8.5383	1.74276	1
cg11937778	0.358883	0.639645	-1.56337	0.00369187	0.155898	-6.41445	0.837036	0.907057	-1.10247	0.11286	0.441584	-2.26458	3.96577	14.0904	3.15822	1
cg00379713	0.0821371	1.57687	1.57687	0.00399878	2.49618	2.49618	0.0310284	1.81972	1.81972	0.403797	0.817081	-1.22387	3.75926	3.32928	0.78722	1
cg11972554	0.0667529	0.725821	-1.37775	0.00737231	0.583717	-1.71316	0.173594	0.797944	-1.25322	0.516416	1.10802	1.10802	5.77314	2.22236	0.342177	1
cg14373597	0.000166688	0.269886	-3.70527	0.01743	0.55363	-1.80626	0.0149441	1.84282	1.84282	0.00799902	0.499427	-2.0023	26.4533	17.4816	0.587419	1
cg08109505	0.377861	1.05406	1.05406	2.47E-05	1.62921	1.62921	0.870476	0.99055	-1.00954	0.00676486	0.815255	-1.22661	17.4383	0.935045	0.0476623	1
cg01012242	0.267496	1.32699	1.32699	0.00210148	2.88505	2.88505	8.28E-05	5.67453	5.67453	0.0067325	2.36444	2.36444	12.7797	12.141	0.844464	1
cg05906092	0.0021996	0.5867	-1.70445	0.0184881	0.701245	-1.42603	0.720674	0.956381	-1.04561	0.581302	1.07164	1.07164	5.90273	1.44245	0.217218	1
cg27381618	0.171486	1.20857	1.20857	0.00295477	1.70063	1.70063	0.439858	0.902571	-1.10795	0.4126	1.11516	1.11516	4.31782	1.15789	0.238369	1
cg12526474	0.675958	1.11099	1.11099	0.00160238	0.321966	-3.10592	0.0153802	0.474888	-2.10576	0.474027	0.833346	-1.19998	4.22118	4.19101	0.882536	1
cg06838869	0.0295137	0.526525	-1.89925	0.055332	0.580634	-1.72226	0.990732	1.00291	1.00291	0.561975	0.863513	-1.15806	3.48441	3.4567	0.881821	1
cg08998953	0.237707	1.52411	1.52411	0.259667	1.49274	1.49274	0.121657	0.564573	-1.77125	0.421602	0.756009	-1.32274	5.28496	9.71598	1.63415	1
cg08083088	0.0142218	0.465026	-2.15042	5.20E-05	0.147182	-6.7943	0.239073	1.36635	1.36635	0.0551024	0.576621	-1.73424	9.39218	9.53405	0.902315	1
cg24687335	0.0390474	0.734172	-1.36208	0.00364423	0.601212	-1.66331	0.0689792	1.30117	1.30117	0.682305	0.948151	-1.05468	5.57285	1.47715	0.23561	1
cg05318102	0.480588	1.37914	1.37914	0.290855	1.63465	1.63465	0.285317	1.64468	1.64468	0.0331107	3.05545	3.05545	3.99056	12.704	2.82978	1
cg03132935	0.00594809	0.452721	-2.20887	0.775233	0.938872	-1.06511	0.594388	1.12571	1.12571	0.0422953	1.67421	1.67421	3.45936	2.6597	0.683413	1
cg21778900	0.00928531	0.557781	-1.79282	0.00247614	2.10457	2.10457	0.48952	1.1322	1.1322	0.845065	1.03521	1.03521	18.5235	9.1774	0.440396	1
cg03928032	0.113526	1.19339	1.19339	1.50E-05	2.51448	2.51448	0.965307	1.00448	1.00448	0.977785	0.997145	-1.00286	17.29	2.88644	0.148394	1
cg12243428	1.10E-05	0.191623	-5.21858	7.95E-05	0.284277	-3.5177	0.25802	0.812007	-1.23152	0.127749	0.747855	-1.33716	16.9228	8.34369	0.438261	1
cg02467899	0.00522253	0.332896	-3.00394	0.00105749	0.235623	-4.24407	0.164754	0.642495	-1.55643	0.00685786	0.351657	-2.84368	15.9243	22.4709	1.25431	1
cg08553082	0.886178	1.0326	1.0326	0.000283879	0.264944	-3.77438	0.00297228	0.401252	-2.4922	0.000435687	0.287805	-3.47457	14.7904	11.754	0.706405	1
cg06487369	0.694527	1.05802	1.05802	0.570992	1.08526	1.08526	0.692197	1.0585	1.0585	0.180755	0.816226	-1.22515	14.5477	4.7042	0.287434	1
cg20552468	0.000518166	0.312882	-3.1961	0.000548191	0.316027	-3.16429	0.00408891	2.2859	2.2859	0.0289192	0.575399	-1.73793	12.9265	9.42645	0.648209	1
cg13871900	0.4677	1.1412	1.1412	0.556526	1.11215	1.11215	0.130509	1.33894	1.33894	0.105777	0.729205	-1.37136	12.1881	6.16676	0.449748	1
cg03710029	0.0492018	0.748227	-1.33649	0.946805	1.00866	1.00866	0.00420803	1.64084	1.64084	0.000574843	0.502326	-1.99074	12.1489	3.21158	0.234978	1
cg09833331	6.00E-05	0.32694	-3.05867	0.0876586	1.3286	1.3286	0.0659787	0.732803	-1.36462	0.077684	0.744139	-1.34384	10.3017	3.706	0.319774	1
cg26055841	0.624813	0.913253	-1.09499	0.0687711	0.687283	-1.45501	0.805614	0.955621	-1.04644	0.0212628	0.600652	-1.66486	7.85286	4.21566	0.477183	1
cg16863795	0.000863743	0.143143	-6.98602	0.000541701	0.123633	-8.08844	0.104999	1.99087	1.99087	0.0399378	0.39733	-2.5168	7.67527	18.3651	2.12691	1
cg25988214	0.774165	0.905525	-1.10433	0.0220775	2.57775	2.57775	0.000557823	6.34013	6.34013	0.885334	1.05104	1.05104	7.25219	13.6678	1.67525	1
cg07003587	0.00740654	0.205484	-4.86655	0.00049488	0.0819869	-12.1971	0.816111	1.11276	1.11276	0.147584	0.490337	-2.03941	6.37911	21.2544	2.96168	1
cg08224920	0.197344	0.697205	-1.4343	0.000853859	0.26553	-3.76605	0.0150276	2.20578	2.20578	0.637526	1.13383	1.13383	6.30916	6.99916	0.986102	1
cg23460369	0.616201	1.0673	1.0673	0.125209	1.23846	1.23846	0.098332	0.791649	-1.26319	0.462278	0.908069	-1.10124	5.44477	1.43214	0.233804	1
cg01521080	0.00156609	0.321049	-3.11479	0.0860297	1.60699	1.60699	0.186846	1.4189	1.4189	0.329351	1.28625	1.28625	5.20677	5.1565	0.880307	1
cg06850526	0.224652	0.556287	-1.79763	0.0376312	0.329926	-3.03098	0.0361158	3.06683	3.06683	0.0866643	0.418891	-2.38725	5.13794	17.2047	2.9765	1
cg26250129	0.674822	1.0807	1.0807	0.862093	0.968525	-1.0325	0.127056	0.738209	-1.35463	0.283323	0.81462	-1.22757	4.88209	2.61591	0.476282	1
cg05096583	0.00141169	0.41023	-2.43766	0.0423117	1.56973	1.56973	0.900292	1.02446	1.02446	0.25188	0.793918	-1.25958	4.25686	2.50604	0.523296	1
cg13685679	0.00246579	0.363067	-2.75431	0.0838895	0.63109	-1.58456	0.900891	1.03044	1.03044	0.0043088	0.399122	-2.5055	4.23002	3.87973	0.815279	1
cg00466249	0.403216	0.6042	-1.65508	0.0398189	0.24665	-4.05433	0.033795	4.3055	4.3055	0.0444069	0.256691	-3.89573	4.17604	22.9466	4.88428	1
cg20853569	0.0306106	0.753405	-1.32731	0.00403791	1.53795	1.53795	0.19581	0.858569	-1.16473	0.179919	0.853207	-1.17205	3.9931	0.785789	0.174921	1
cg15573861	0.776741	0.960593	-1.04102	0.133506	1.25718	1.25718	0.333837	0.868523	-1.15138	0.137472	0.797551	-1.25384	3.79111	1.20076	0.281537	1
cg14621907	0.04253	0.536234	-1.86486	0.00682755	0.392578	-2.54726	0.0129277	0.438967	-2.27807	0.775427	1.07931	1.07931	3.6976	4.16938	1.0023	1
cg19855563	0.143744	0.620359	-1.61197	0.538326	0.827476	-1.20849	0.221738	0.676805	-1.47753	0.382746	0.7618	-1.31268	3.66371	4.76512	1.30063	1
cg14486098	0.347157	1.32402	1.32402	0.0786148	0.567576	-1.76188	0.525766	1.20492	1.20492	0.404342	0.78083	-1.28069	3.54438	4.71912	1.1835	1
cg15102609	0.473966	1.13851	1.13851	0.725466	1.06482	1.06482	0.563231	0.901133	-1.10971	0.322523	0.833573	-1.19966	3.51684	1.76736	0.446705	1
cg27406472	0.320816	0.822816	-1.21534	0.790098	1.05203	1.05203	0.0209666	1.69568	1.69568	0.0354886	0.627859	-1.59271	3.4274	1.96218	0.508887	1
cg01741878	0.0813066	0.774641	-1.29092	0.0214567	0.694114	-1.44068	0.562165	1.08052	1.08052	0.236497	1.17811	1.17811	5.52719	1.52866	0.24584	1
cg05090759	0.0023349	0.246649	-4.05435	0.000285556	0.142067	-7.03895	0.000231903	7.48194	7.48194	0.0365313	0.449126	-2.22655	21.35	36.6886	1.5275	1
cg12301695	0.00089932	0.235046	-4.25448	0.00266422	0.29803	-3.35536	0.000830627	4.33303	4.33303	0.594153	0.854956	-1.16965	14.8073	19.9109	1.19526	1
cg05339727	0.00954598	0.412009	-2.42713	0.00246079	0.320562	-3.11952	0.00614761	2.62635	2.62635	0.328729	0.761624	-1.31298	14.7156	17.0064	1.02726	1
cg01770810	0.292423	1.17169	1.17169	0.139559	1.25939	1.25939	0.823998	0.968204	-1.03284	0.276484	0.848574	-1.17845	10.1808	3.39284	0.29623	1
cg03464655	0.00283551	0.530868	-1.88371	4.22E-06	0.194207	-5.14915	1.01E-05	4.30276	4.30276	0.220622	0.820038	-1.21946	41.7985	15.7144	0.334183	1
cg24777351	0.0112592	0.536541	-1.86379	0.000451604	0.338106	-2.95766	0.000215788	3.35635	3.35635	0.806954	0.953125	-1.04918	22.4358	13.6644	0.541375	1
cg26069615	3.63E-05	0.472628	-2.11583	0.768404	1.02821	1.02821	0.308617	0.905502	-1.10436	6.73E-07	0.279629	-3.57617	36.1239	5.07704	0.124929	1
cg19585214	0.803495	0.964717	-1.03657	0.000861851	2.05608	2.05608	0.556079	0.917793	-1.08957	0.225697	1.20118	1.20118	19.2464	6.32744	0.292231	1
cg23031196	0.774692	0.882561	-1.13307	0.000669871	0.10378	-9.6358	0.712068	0.850978	-1.17512	0.0105364	0.246395	-4.05853	8.89555	26.6953	2.66753	1
cg23347835	0.687112	0.917564	-1.08984	0.0340045	1.69183	1.69183	0.0676766	1.54484	1.54484	0.904314	1.02588	1.02588	5.41443	3.87142	0.635573	1
cg15777028	0.110842	0.426401	-2.34521	0.00268296	0.130549	-7.65996	0.239655	0.546546	-1.82967	0.0140485	0.225876	-4.42721	5.40754	20.6182	3.38921	1
cg00136822	0.667661	0.86104	-1.16139	0.739259	0.890744	-1.12266	0.00335772	3.98359	3.98359	0.0654364	0.488578	-2.04675	5.30211	10.0748	1.68903	1
cg07724015	0.00212757	0.319559	-3.12932	0.313693	1.317	1.317	0.496658	0.833285	-1.20007	0.0308337	0.511676	-1.95436	5.12592	5.66903	0.98307	1
cg26018685	0.509363	0.698193	-1.43227	0.0012358	0.0792719	-12.6148	0.300775	0.562427	-1.77801	0.502846	0.694217	-1.44047	4.22014	19.2549	4.05566	1
cg14673904	0.0483009	0.301309	-3.31885	0.00692474	0.156001	-6.41023	0.592364	1.33285	1.33285	0.0667031	0.33522	-2.98312	3.71698	16.6375	3.97873	1
cg17090968	0.870854	0.921656	-1.085	0.00320562	0.13302	-7.51768	0.137441	0.448362	-2.23034	0.523251	0.722967	-1.38319	3.65229	14.5434	3.53955	1
cg12494373	0.87878	0.911449	-1.09715	0.00313069	0.0859287	-11.6376	0.955902	0.966964	-1.03417	0.0448307	0.246842	-4.05118	3.47737	20.3265	5.19589	1
cg23334507	0.00720285	1.45701	1.45701	3.72E-05	2.36381	2.36381	0.001731	1.62409	1.62409	0.000879027	1.71808	1.71808	13.5821	2.53308	0.165779	1
cg26212328	0.859005	0.921076	-1.08569	0.163892	1.98744	1.98744	0.00664296	5.09712	5.09712	0.564571	0.763944	-1.309	10.7516	36.4015	3.0095	1
cg10002103	0.199319	0.749714	-1.33384	2.02E-05	0.160291	-6.23864	0.0918744	1.48317	1.48317	0.178934	1.35431	1.35431	10.5529	7.54118	0.635208	1
cg13591723	0.18613	0.794388	-1.25883	0.488272	1.12257	1.12257	0.0608883	1.41472	1.41472	0.00636675	1.79164	1.79164	10.194	4.35371	0.379632	1
cg19620086	0.158304	1.35765	1.35765	0.558897	1.1273	1.1273	0.657722	1.09461	1.09461	0.0512106	0.637561	-1.56848	9.31184	6.06134	0.578603	1
cg20830447	0.0781401	0.70865	-1.41113	0.0728254	1.4221	1.4221	0.0619295	1.44758	1.44758	0.0057068	1.89236	1.89236	5.72733	2.80856	0.435893	1
cg06864895	0.489054	1.28468	1.28468	0.157357	1.71428	1.71428	0.0800613	1.99818	1.99818	0.965202	0.98457	-1.01567	5.65491	11.3795	1.78873	1
cg16848712	0.765167	1.14552	1.14552	0.190245	1.87596	1.87596	0.00767686	4.7295	4.7295	0.966998	0.981412	-1.01894	5.36302	17.4699	2.89553	1
cg21563683	0.539793	1.26662	1.26662	0.620557	0.826948	-1.20927	0.0800388	2.0949	2.0949	0.54274	0.790893	-1.26439	4.40566	10.1159	2.04098	1
cg07688749	0.1619	0.685787	-1.45818	0.0384219	0.545651	-1.83267	0.0306002	1.89947	1.89947	0.253885	0.740147	-1.35108	4.05472	4.09582	0.897897	1
cg15333818	0.0675258	0.662507	-1.50942	0.750755	0.937952	-1.06615	0.324635	1.22686	1.22686	0.548015	1.12997	1.12997	3.8637	2.47246	0.568819	1
cg09050775	0.224809	0.388138	-2.57641	0.0046037	0.0608544	-16.4327	0.658041	0.718454	-1.39188	0.0583696	0.204396	-4.89247	3.76118	32.8216	7.7568	1
cg06272054	0.922826	1.02672	1.02672	0.252087	1.38491	1.38491	0.445243	0.809128	-1.2359	0.282984	1.35476	1.35476	3.46839	4.06926	1.04288	1
cg19914607	0.0254952	0.721316	-1.38635	0.000859401	0.54013	-1.85141	0.0117924	0.679072	-1.4726	0.694279	0.95255	-1.04981	10.6869	2.56325	0.213201	1
cg03645007	0.114055	1.30275	1.30275	0.00111331	2.09368	2.09368	0.0629329	1.37971	1.37971	0.629953	0.928034	-1.07755	4.82365	1.80823	0.333215	1
cg04682699	0.131211	1.4356	1.4356	0.00791526	2.12915	2.12915	0.353915	1.23569	1.23569	0.205929	1.34454	1.34454	4.58702	3.57677	0.693119	1
cg26601922	0.430652	1.06596	1.06596	0.89168	1.01088	1.01088	0.444427	0.93997	-1.06386	0.0252035	0.80948	-1.23536	4.1673	0.416159	0.088767	1
cg19122460	0.0529728	1.92875	1.92875	0.49407	1.22601	1.22601	0.0744855	1.80691	1.80691	0.258369	1.41552	1.41552	4.52113	6.00698	1.03339	1
cg27303674	0.00618226	0.668302	-1.49633	4.90E-09	0.0571971	-17.4834	0.00307712	0.632975	-1.57984	1.70E-05	0.369382	-2.70723	95.0538	19.1768	0.179331	1
cg04094478	0.00396864	0.419595	-2.38325	0.00128725	0.349288	-2.86296	0.0431205	0.593507	-1.6849	0.563404	0.877248	-1.13993	7.08183	5.63775	0.707633	1
cg23181282	0.0235652	0.268933	-3.71839	0.0017623	0.114861	-8.70615	0.53608	0.737624	-1.3557	0.0358981	0.305585	-3.27241	5.40455	20.1914	3.32089	1
cg18064171	0.00491895	0.410107	-2.43839	0.010735	0.464416	-2.15324	0.947838	0.984469	-1.01578	0.923177	0.977189	-1.02334	4.2177	3.82314	0.805734	1
cg00140889	0.0289576	0.228123	-4.38359	0.0153775	0.181385	-5.51314	0.0355287	0.245445	-4.07422	0.0391286	0.254049	-3.93624	3.68903	19.2471	4.63767	1
cg20495737	0.00237234	1.94444	1.94444	5.34E-06	5.04121	5.04121	0.000336236	2.4773	2.4773	0.0039352	1.83808	1.83808	22.2466	8.67437	0.346594	1
cg17590101	0.00626846	2.49641	2.49641	3.15E-05	8.03596	8.03596	0.000296187	4.54286	4.54286	0.00207929	3.04427	3.04427	15.683	16.3895	0.928933	1
cg04700811	0.996542	0.998937	-1.00106	0.6399	1.12258	1.12258	0.00436725	0.392848	-2.54551	0.862138	1.04358	1.04358	10.87	10.3672	0.847773	1
cg02151779	0.0151875	4.20607	4.20607	0.000760744	11.6772	11.6772	0.00140813	9.27295	9.27295	0.0663179	2.69677	2.69677	8.40369	30.8816	3.26645	1
cg18492059	0.289924	1.37892	1.37892	0.489895	0.814507	-1.22774	0.377762	0.767409	-1.30309	0.0811547	0.56802	-1.7605	4.98178	6.7514	1.20464	1
cg26735834	0.0924082	1.99411	1.99411	0.441458	1.33978	1.33978	0.843269	0.928886	-1.07656	0.787008	0.903999	-1.1062	4.85065	10.669	1.95511	1
cg21197919	0.0811885	1.6404	1.6404	0.767241	0.926826	-1.07895	0.555417	1.16497	1.16497	0.648173	1.12481	1.12481	4.08498	4.2404	0.922708	1
cg24455325	0.379824	0.591446	-1.69077	0.0382838	0.246691	-4.05366	0.00833013	0.140046	-7.14054	0.155304	0.412106	-2.42656	3.43705	18.499	4.78422	1
cg16175497	0.874054	1.04004	1.04004	0.0784749	1.62217	1.62217	0.93929	1.01903	1.01903	0.968259	1.0099	1.0099	4.60389	4.4669	0.86244	1
cg18268220	0.281357	1.23848	1.23848	0.00128746	0.408101	-2.45037	0.602654	0.904534	-1.10554	0.304461	0.816145	-1.22527	6.81944	3.94156	0.513767	1
cg09961663	0.676975	0.885152	-1.12975	0.155665	1.55638	1.55638	0.941603	1.02156	1.02156	0.944352	0.979878	-1.02054	4.27863	5.74593	1.19372	1
cg13676204	0.000946986	0.368351	-2.7148	5.05E-05	4.974	4.974	?	?	?	0.648168	1.09111	1.09111	29.344	10.903	0.433484	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13980399	SLC38A6;TRMT5	0.0066879	0.000611125	0.165482	-6.04294	0.0652026	0.493913	-2.02465	0.32755	1.41113	1.41113	0.24087	1.5195	1.5195	0.391971	0.741668	-1.34831
cg08855361	SLC38A7	8.15E-07	0.000507939	1.39086	1.39086	2.13E-06	2.02823	2.02823	5.85E-07	2.3089	2.3089	0.000277175	1.43542	1.43542	0.0490375	0.87241	-1.14625
cg27182807	SLC38A7	8.59E-05	0.109037	0.744177	-1.34377	0.628543	1.08591	1.08591	0.0648927	0.704336	-1.41978	0.551235	1.10731	1.10731	0.058775	0.697041	-1.43464
cg05006947	SLC38A7	0.00941003	0.652255	1.05284	1.05284	0.0122425	1.4251	1.4251	0.182991	1.17397	1.17397	0.147074	1.19318	1.19318	0.3007	0.885388	-1.12945
cg26758340	SLC38A7	0.0110321	0.0311889	1.69843	1.69843	0.0382665	1.65372	1.65372	0.806792	0.949964	-1.05267	0.0213979	1.78458	1.78458	0.262523	1.27728	1.27728
cg06696917	SLC38A7	0.0303805	0.00408233	1.76537	1.76537	0.358886	1.14927	1.14927	0.50796	0.905702	-1.10412	0.296532	1.17306	1.17306	0.51989	1.10098	1.10098
cg06250214	SLC38A7	0.037975	0.147283	0.497571	-2.00976	0.0587312	0.383522	-2.60741	0.00774197	0.215381	-4.64294	0.00544397	0.193718	-5.16215	0.0209275	0.287291	-3.48079
cg05830473	SLC38A7	0.0448867	0.702631	0.950517	-1.05206	0.116395	1.25324	1.25324	0.103728	1.26541	1.26541	0.0865205	0.778405	-1.28468	0.954712	1.00754	1.00754
cg04229059	SLC38A7	0.0489605	0.39005	1.30728	1.30728	0.0285012	2.19536	2.19536	0.0072112	2.87184	2.87184	0.0267528	2.22197	2.22197	0.460208	1.25701	1.25701
cg07478245	SLC38A8	0.00075013	0.00684956	0.721092	-1.38679	0.4408	1.07616	1.07616	0.0257274	0.780885	-1.2806	0.919168	1.00952	1.00952	0.0240328	1.28572	1.28572
cg27383865	SLC38A8	0.00533021	0.00971886	0.607032	-1.64736	0.00197175	0.513066	-1.94907	0.186454	0.807551	-1.23831	0.237762	0.828	-1.20773	0.173527	0.801721	-1.24732
cg09892721	SLC38A8	0.00930609	0.842639	1.06627	1.06627	0.364323	0.740113	-1.35115	0.474981	0.79093	-1.26433	0.680498	0.874874	-1.14302	0.000181067	0.129346	-7.73117
cg01865114	SLC38A8	0.0286318	0.0573893	0.539092	-1.85497	0.664981	0.882283	-1.13342	0.000510783	0.210143	-4.75867	0.755536	0.914135	-1.09393	0.455994	0.803929	-1.24389
cg02516845	SLC38A8	0.0289393	0.014101	0.595407	-1.67952	0.84446	1.03419	1.03419	0.0111355	0.580085	-1.72389	0.0463918	0.676745	-1.47766	0.633451	0.92107	-1.08569
cg01119072	SLC38A8	0.0335994	0.677952	0.915655	-1.09211	0.508126	1.15219	1.15219	0.127429	0.706235	-1.41596	0.352548	0.817212	-1.22367	0.697898	1.08579	1.08579
cg08854094	SLC38A8	0.048801	0.525304	0.851805	-1.17398	0.204764	0.716456	-1.39576	0.0397921	0.55305	-1.80815	0.0682851	0.601285	-1.6631	0.0236728	0.510122	-1.96032
cg05146599	SLC38A9	1.70E-05	2.36E-06	0.190021	-5.26259	0.000194917	0.403967	-2.47545	0.00149348	0.515684	-1.93917	0.994972	1.00091	1.00091	0.00639245	0.598591	-1.67059
cg07042489	SLC38A9	0.000902091	0.219661	1.22079	1.22079	6.25E-05	0.319869	-3.12628	0.000257593	0.394634	-2.53399	0.182102	1.2447	1.2447	0.811022	0.963653	-1.03772
cg07262873	SLC38A9	0.00108958	0.0537512	1.92065	1.92065	0.000235933	6.14751	6.14751	0.168188	1.54904	1.54904	0.0232519	2.24408	2.24408	0.793522	0.924809	-1.0813
cg11283154	SLC38A9	0.00154409	0.206829	1.62737	1.62737	0.348624	1.42325	1.42325	0.641051	1.18738	1.18738	0.0410036	0.422067	-2.36929	0.93719	0.971584	-1.02925
cg12824106	SLC38A9	0.00923456	0.50211	1.41488	1.41488	0.30136	1.72555	1.72555	0.870756	1.08649	1.08649	0.0465063	3.19505	3.19505	0.000307289	0.0505164	-19.7956
cg09277365	SLC38A9	0.0215531	0.332399	1.16828	1.16828	0.0180116	1.56356	1.56356	0.892681	1.02122	1.02122	0.292457	1.18516	1.18516	0.0328598	1.47436	1.47436
cg10968375	SLC38A9	0.0224266	0.231944	0.690425	-1.44838	0.166516	0.646692	-1.54633	0.653411	0.874977	-1.14289	0.230533	1.45017	1.45017	0.360738	1.32	1.32
cg13598790	SLC38A9	0.0319443	0.271829	1.29763	1.29763	0.0374888	1.73296	1.73296	0.955778	0.987449	-1.01271	0.525659	1.15775	1.15775	0.273638	1.29626	1.29626
cg21173440	SLC38A9	0.0400258	0.301405	0.893209	-1.11956	0.83971	0.978866	-1.02159	0.936849	1.00839	1.00839	0.585902	0.943629	-1.05974	0.217771	0.872184	-1.14655
cg08623548	SLC39A1	0.00212917	0.454379	0.847845	-1.17946	0.00116515	2.80863	2.80863	0.176034	1.3656	1.3656	0.457979	1.17786	1.17786	0.30367	0.793939	-1.25954
cg16414271	SLC39A1	0.00581739	0.658164	0.968772	-1.03223	0.0262003	0.828683	-1.20673	0.00571247	0.772431	-1.29461	0.304761	0.927074	-1.07866	0.00155013	0.723056	-1.38302
cg14747580	SLC39A1	0.0145136	0.51096	1.10243	1.10243	0.0295062	1.4548	1.4548	0.0319293	1.44436	1.44436	0.536661	1.09582	1.09582	0.233907	1.20023	1.20023
cg05464581	SLC39A1	0.0167114	0.560087	0.860676	-1.16188	0.910712	0.97184	-1.02898	0.419935	0.810726	-1.23346	0.51954	1.18086	1.18086	0.000495725	0.249527	-4.00758
cg09079613	SLC39A1	0.0274321	0.00776238	0.241525	-4.14035	0.198525	0.568539	-1.75889	0.136311	0.513229	-1.94845	0.498003	0.751342	-1.33095	0.0102045	0.26027	-3.84217
cg08310476	SLC39A10;SLC39A10	9.38E-05	0.000104057	0.612316	-1.63314	0.891253	0.990269	-1.00983	0.00432703	0.761382	-1.3134	0.0102311	0.793417	-1.26037	0.839659	0.985623	-1.01459
cg04112102	SLC39A10;SLC39A10	0.00173359	0.656348	1.1259	1.1259	0.346431	0.773575	-1.2927	0.0413878	0.536388	-1.86432	0.0189269	0.471146	-2.12249	0.00282386	0.336531	-2.97149
cg15757615	SLC39A10;SLC39A10	0.011928	0.0752476	0.771982	-1.29537	0.51711	1.0896	1.0896	0.000303033	0.464303	-2.15377	0.818525	0.970419	-1.03048	0.175845	0.828572	-1.2069
cg10625666	SLC39A10;SLC39A10	0.0177289	0.0706915	0.465078	-2.15018	0.0234106	0.358269	-2.7912	0.0583094	0.444426	-2.25009	0.648317	0.840251	-1.19012	0.00166771	0.181889	-5.49787
cg14794133	SLC39A10;SLC39A10	0.0217069	0.0146716	2.17834	2.17834	0.000807948	3.7052	3.7052	0.0226563	2.02816	2.02816	0.416829	1.23991	1.23991	0.2994	1.32142	1.32142
cg20865048	SLC39A10;SLC39A10	0.049229	0.234997	0.715404	-1.39781	0.00505582	0.368832	-2.71126	0.0136036	0.439816	-2.27368	0.0616653	0.567615	-1.76176	0.314773	0.756016	-1.32272
cg22263591	SLC39A11;SLC39A11	1.35E-05	5.94E-05	0.370014	-2.7026	0.000838042	1.95921	1.95921	0.00183151	0.552939	-1.80852	0.00556985	1.62796	1.62796	0.00297993	0.579641	-1.72521
cg26310429	SLC39A11;SLC39A11	7.78E-05	0.993698	0.998363	-1.00164	0.287504	1.25745	1.25745	0.646113	0.908547	-1.10066	0.0705243	0.657514	-1.52088	4.04E-06	0.108698	-9.19984
cg25901000	SLC39A11;SLC39A11	0.000619707	0.472101	0.876571	-1.14081	8.90E-05	0.282615	-3.53839	0.000689541	0.393297	-2.54261	0.426931	0.864068	-1.15732	0.505655	0.885461	-1.12936
cg27219182	SLC39A11;SLC39A11	0.000818333	0.000222788	0.257148	-3.88881	0.00944648	0.483405	-2.06866	0.89572	0.971438	-1.0294	0.00184356	0.376349	-2.65711	0.000604549	0.310821	-3.21729
cg13381129	SLC39A11;SLC39A11	0.000938619	0.00957969	0.375365	-2.66407	0.0189931	0.428117	-2.33581	0.00258931	0.287326	-3.48036	0.59183	1.17549	1.17549	0.0081684	0.363794	-2.74881
cg09696465	SLC39A11;SLC39A11	0.00228413	0.173599	0.74313	-1.34566	0.000695454	0.3461	-2.88934	0.008019	0.498253	-2.00701	0.507153	1.14797	1.14797	0.00578052	0.476388	-2.09913
cg21376638	SLC39A11;SLC39A11	0.0112194	0.824308	1.07003	1.07003	0.00122572	0.237013	-4.21917	0.0214105	0.431047	-2.31993	0.66448	1.14208	1.14208	0.410705	1.29188	1.29188
cg08853318	SLC39A11;SLC39A11	0.0125976	0.0551347	0.533509	-1.87438	0.0199285	2.25204	2.25204	0.831943	1.06333	1.06333	0.50986	1.21309	1.21309	0.0996901	0.593717	-1.6843
cg08875869	SLC39A11;SLC39A11	0.0178939	0.0788805	0.521986	-1.91576	0.219155	0.650157	-1.53809	0.0299099	0.426931	-2.3423	0.141925	0.590911	-1.6923	0.00062404	0.173229	-5.77271
cg23414361	SLC39A11;SLC39A11	0.0184897	0.946052	0.980765	-1.01961	0.00209623	0.288762	-3.46305	0.0172822	0.435049	-2.29859	0.163099	1.53307	1.53307	0.365434	0.765754	-1.3059
cg25329072	SLC39A11;SLC39A11	0.0190974	0.429753	1.26994	1.26994	0.71628	0.897436	-1.11429	0.231414	0.689247	-1.45086	0.457287	1.25161	1.25161	0.000537639	0.202632	-4.93507
cg14233847	SLC39A11;SLC39A11	0.020993	0.0287177	0.395706	-2.52713	0.0412266	0.429058	-2.33069	0.0608266	0.467966	-2.13691	0.129106	0.554731	-1.80268	0.00162064	0.197227	-5.07031
cg23835923	SLC39A11;SLC39A11	0.0284861	0.597883	1.0708	1.0708	0.137384	0.814126	-1.22831	0.915617	1.01372	1.01372	0.741734	1.04342	1.04342	0.753171	0.960267	-1.04138
cg27025137	SLC39A11;SLC39A11	0.0308266	0.0735192	0.239354	-4.17791	0.0119289	0.105572	-9.47217	0.00342109	0.0578377	-17.2898	0.10837	0.285039	-3.50829	0.063792	0.224659	-4.4512
cg09607131	SLC39A11;SLC39A11	0.0410045	0.982027	0.996749	-1.00326	0.131052	0.790034	-1.26577	0.112169	0.778775	-1.28407	0.584123	0.923203	-1.08319	0.434691	0.891168	-1.12212
cg14703553	SLC39A11;SLC39A11	0.0445927	0.467382	1.18017	1.18017	0.917363	1.02352	1.02352	0.20604	1.34827	1.34827	0.0101871	2.06647	2.06647	0.203602	1.35068	1.35068
cg17100696	SLC39A11;SLC39A11	0.0483891	0.0628037	1.35572	1.35572	0.07305	1.33729	1.33729	0.0994155	1.30025	1.30025	0.727838	0.950479	-1.0521	0.144263	0.796108	-1.25611
cg08822737	SLC39A11;SLC39A11;SLC39A11;SLC39A11	0.00268004	0.00555671	0.608482	-1.64343	0.00472965	1.66823	1.66823	0.0909468	1.2891	1.2891	0.888261	0.98101	-1.01936	0.00833589	0.631405	-1.58377
cg26550234	SLC39A12;SLC39A12	0.00419311	0.342965	0.80394	-1.24387	0.115037	1.46634	1.46634	0.146864	0.706261	-1.41591	0.185204	0.730635	-1.36867	7.31E-05	0.199612	-5.00971
cg06812574	SLC39A12;SLC39A12	0.00901465	0.00559146	0.105218	-9.50408	0.191094	0.424591	-2.35521	0.10953	0.339687	-2.94389	0.0963228	0.323037	-3.09562	0.00197675	0.0668763	-14.953
cg01090358	SLC39A13;SLC39A13	0.000119245	0.766818	1.03134	1.03134	0.000194122	0.521651	-1.91699	0.00659348	1.44204	1.44204	0.00779289	0.701524	-1.42547	4.13E-05	0.444513	-2.24965
cg24194730	SLC39A13;SLC39A13	0.000480622	0.000542927	0.639052	-1.56482	0.00546873	1.35567	1.35567	0.00459094	0.730341	-1.36922	0.0669029	0.842759	-1.18658	0.96731	0.996593	-1.00342
cg23308107	SLC39A13;SLC39A13	0.00132224	0.000566076	0.594699	-1.68152	0.133328	1.17063	1.17063	0.381545	1.09124	1.09124	0.000903041	0.616842	-1.62116	0.151184	0.861016	-1.16142
cg19668951	SLC39A13;SLC39A13	0.00829722	0.230734	0.658886	-1.51771	0.000711482	5.53397	5.53397	0.00770101	3.11503	3.11503	0.892471	0.956111	-1.0459	0.405441	0.753932	-1.32638
cg10264187	SLC39A13;SLC39A13	0.0260745	0.0613591	1.16047	1.16047	0.225733	0.914093	-1.09398	0.13243	1.12147	1.12147	0.0167018	1.2291	1.2291	0.0285944	1.20004	1.20004
cg22964598	SLC39A13;SLC39A13	0.0433459	0.00511559	0.320875	-3.11647	0.995667	1.00167	1.00167	0.322709	1.36876	1.36876	0.909708	0.965739	-1.03548	0.229028	0.678476	-1.47389
cg23312964	SLC39A13;SLC39A13;SLC39A13;SLC39A13	0.00246153	0.000582609	0.353085	-2.83218	0.0260939	1.67663	1.67663	0.225403	0.779404	-1.28303	0.52682	1.13374	1.13374	0.175359	0.754195	-1.32592
cg24136932	SLC39A14	0.0412342	0.015641	0.209313	-4.77753	0.0275501	0.252767	-3.95622	0.0669464	0.338314	-2.95583	0.0624192	0.330623	-3.02459	0.155901	0.448798	-2.22818
cg00433296	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.00060188	0.00496439	3.80888	3.80888	0.000291689	9.04863	9.04863	0.00643722	3.56162	3.56162	0.0119016	3.05665	3.05665	0.0528064	0.462354	-2.16284
cg26182263	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.000633676	0.0461013	0.850711	-1.17549	0.673254	0.970441	-1.03046	0.963233	1.00327	1.00327	0.311465	1.07689	1.07689	0.321403	0.930091	-1.07516
cg01754958	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.00173009	0.149109	1.28728	1.28728	0.000242744	2.69274	2.69274	0.00304187	1.94007	1.94007	0.572065	1.09768	1.09768	0.101885	1.33946	1.33946
cg11485247	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.00513517	0.0116998	1.37688	1.37688	0.0811375	1.21692	1.21692	0.589446	1.05687	1.05687	0.890047	1.01414	1.01414	0.00714514	1.42289	1.42289
cg14348540	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.00737936	0.866393	1.0713	1.0713	0.00553091	4.44246	4.44246	0.00268242	5.4588	5.4588	0.0288178	2.87016	2.87016	0.115098	0.496223	-2.01522
cg13512537	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.0103558	0.105951	0.729864	-1.37012	0.919452	0.982124	-1.0182	0.00386835	0.499594	-2.00162	0.355465	1.18472	1.18472	0.00510302	0.516878	-1.93469
cg15740790	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.029156	0.045227	2.34846	2.34846	0.572567	0.809046	-1.23602	0.0320964	2.54219	2.54219	0.0747662	2.09091	2.09091	0.0540752	2.2536	2.2536
cg25257677	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.0300257	0.053359	5.57862	5.57862	0.00735552	14.9649	14.9649	0.041295	6.31924	6.31924	0.208824	2.82264	2.82264	0.386554	2.00411	2.00411
cg05254747	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.0423036	0.486274	1.50998	1.50998	0.00509299	8.64081	8.64081	0.0250046	4.72765	4.72765	0.23844	2.05293	2.05293	0.603625	0.737037	-1.35678
cg23882724	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.0437217	0.357095	1.64066	1.64066	0.050447	3.20741	3.20741	0.00805969	5.89515	5.89515	0.225411	1.94552	1.94552	0.518254	0.710084	-1.40828
cg11224232	SLC39A1;CREB3L4	0.000841229	0.289295	1.28018	1.28018	0.0331922	0.571728	-1.74908	0.000267479	3.83184	3.83184	0.1132	1.47271	1.47271	0.219398	0.748247	-1.33646
cg09867184	SLC39A1;CREB3L4	0.00989319	0.0467488	0.524037	-1.90826	0.037183	1.98687	1.98687	0.011457	2.45444	2.45444	0.0258404	0.471887	-2.11915	0.145155	0.641445	-1.55898
cg17493511	SLC39A1;CREB3L4	0.0348239	0.193116	1.62035	1.62035	0.052234	0.349978	-2.85732	0.150228	1.76752	1.76752	?	?	?	0.0612608	0.381955	-2.61811
cg17841099	SLC39A1;SLC39A1;CREB3L4	0.0281522	0.374161	0.831513	-1.20263	0.00389445	0.455599	-2.19491	0.00957282	0.515013	-1.9417	0.276118	0.795219	-1.25752	0.0425554	0.623556	-1.60371
cg05245515	SLC39A2	0.00137098	0.376075	0.80183	-1.24715	6.00E-05	6.07101	6.07101	0.552985	1.15711	1.15711	0.902438	0.970624	-1.03027	0.00617782	0.419664	-2.38286
cg20060632	SLC39A2	0.040711	0.801331	0.947912	-1.05495	0.00810832	2.05285	2.05285	0.0630319	0.641676	-1.55842	0.368121	1.21669	1.21669	0.0214281	0.556332	-1.79749
cg05654163	SLC39A2;SLC39A2	0.00290983	0.00567404	2.707	2.707	0.00523618	2.74779	2.74779	0.0198225	2.16407	2.16407	0.0256061	2.07045	2.07045	0.00360117	0.339036	-2.94954
cg08122172	SLC39A3	0.00352909	0.680286	0.930424	-1.07478	0.00559722	1.88352	1.88352	0.0752779	0.708439	-1.41156	0.000191702	0.335063	-2.98451	0.502509	0.888304	-1.12574
cg06262842	SLC39A3	0.0465005	0.0609251	0.720002	-1.38889	0.320717	0.852519	-1.17299	0.222378	0.819196	-1.22071	0.955872	1.00864	1.00864	0.927063	1.01434	1.01434
cg21550623	SLC39A3;SLC39A3	4.26E-06	5.91E-05	0.361171	-2.76877	4.72E-06	0.237827	-4.20473	0.00149961	0.534184	-1.87201	0.677226	1.05903	1.05903	2.10E-07	0.116075	-8.61514
cg11344927	SLC39A3;SLC39A3	0.000858421	0.00706838	0.501582	-1.99369	0.00296951	0.445682	-2.24375	0.300126	0.808293	-1.23717	0.00939836	0.520659	-1.92064	0.00122146	0.39146	-2.55454
cg08301526	SLC39A3;SLC39A3	0.000959342	0.344481	0.898368	-1.11313	8.30E-05	2.18133	2.18133	0.0343804	1.31209	1.31209	0.195929	1.16244	1.16244	0.01754	1.37457	1.37457
cg14659082	SLC39A3;SLC39A3	0.00844979	0.00763946	0.202186	-4.94593	0.244019	0.566567	-1.76502	0.380269	0.657355	-1.52125	0.00818421	0.206531	-4.84189	0.00284391	0.147362	-6.78602
cg24861191	SLC39A3;SLC39A3	0.0133864	0.26365	0.814112	-1.22833	0.675322	1.07718	1.07718	0.517261	1.12286	1.12286	0.545682	0.89769	-1.11397	0.27089	0.816838	-1.22423
cg08265265	SLC39A3;SLC39A3;SLC39A3;SLC39A3	0.00425178	0.774395	1.07242	1.07242	0.0197273	0.504038	-1.98398	0.277634	0.759819	-1.3161	0.31697	1.28618	1.28618	0.0461258	1.74359	1.74359
cg03453890	SLC39A4	0.0105967	0.514295	0.813149	-1.22979	0.0884362	0.555501	-1.80018	0.00507048	0.313866	-3.18607	0.135424	0.604524	-1.65419	0.00131856	0.23186	-4.31296
cg02583091	SLC39A4;SLC39A4	0.00270447	0.0306969	0.509031	-1.96452	0.0264594	0.496611	-2.01365	0.0139348	0.445762	-2.24335	0.139148	1.52719	1.52719	0.00179806	3.25849	3.25849
cg04600798	SLC39A4;SLC39A4	0.00338894	0.217053	1.3434	1.3434	0.00164792	0.359131	-2.7845	0.142366	0.698756	-1.43111	0.0125009	0.493484	-2.02641	0.000949153	0.326321	-3.06447
cg05681977	SLC39A4;SLC39A4	0.00357554	0.00587303	0.482407	-2.07294	0.0016131	0.400845	-2.49473	0.01724	0.55619	-1.79795	0.931461	0.982758	-1.01754	0.0749874	0.669699	-1.49321
cg12676500	SLC39A4;SLC39A4	0.0127841	0.00606322	0.383274	-2.6091	0.00412925	0.357299	-2.79878	0.00568613	0.378854	-2.63954	0.011758	0.430819	-2.32116	0.521447	0.840392	-1.18992
cg24625894	SLC39A4;SLC39A4	0.0165107	0.641545	0.930606	-1.07457	0.154692	1.26321	1.26321	0.69015	1.0634	1.0634	0.810129	1.03761	1.03761	0.162264	0.795425	-1.25719
cg08969922	SLC39A4;SLC39A4	0.0184443	0.00423697	0.405638	-2.46525	0.502738	1.17387	1.17387	0.00383876	0.399148	-2.50534	0.139305	1.45499	1.45499	0.0882356	0.641879	-1.55793
cg11800672	SLC39A4;SLC39A4	0.019334	0.834526	0.95181	-1.05063	0.0113389	0.473047	-2.11395	0.813616	1.05735	1.05735	0.536363	1.15932	1.15932	0.00505638	0.416758	-2.39947
cg23697467	SLC39A4;SLC39A4	0.0473394	0.429364	1.14927	1.14927	0.105595	0.737208	-1.35647	0.0667145	0.701503	-1.42551	0.0844433	1.38979	1.38979	0.00789214	0.55561	-1.79982
cg06700234	SLC39A4;SLC39A4;SLC39A4	0.0138958	0.0161402	0.4154	-2.40732	0.89553	0.961548	-1.03999	0.125225	0.609388	-1.64099	0.418347	0.781278	-1.27995	0.000406633	0.186947	-5.3491
cg03343942	SLC39A5;SLC39A5	0.000764959	0.000980186	0.278566	-3.58981	0.0008396	0.26986	-3.70563	0.00392747	0.363529	-2.75081	0.0104674	0.431625	-2.31683	0.00166066	0.309357	-3.23251
cg08214142	SLC39A5;SLC39A5;SLC39A5	0.0273836	0.0177673	0.635895	-1.57259	0.995931	0.999199	-1.0008	0.657034	1.07271	1.07271	0.548638	1.10002	1.10002	0.00422213	0.547886	-1.8252
cg27332026	SLC39A6;ELP2;ELP2;SLC39A6	0.000617481	0.000203836	5.67544	5.67544	?	?	?	?	?	?	?	?	?	0.0178467	0.594939	-1.68084
cg19453250	SLC39A6;ELP2;SLC39A6	0.0119112	0.0184901	0.32218	-3.10385	0.00271745	0.193704	-5.16252	0.0672817	0.443562	-2.25448	0.165541	0.556366	-1.79738	0.0163546	0.312371	-3.20132
cg14058239	SLC39A6;SLC39A6	0.00056785	0.0169392	0.370048	-2.70235	0.0233701	0.396658	-2.52107	0.00663125	0.300386	-3.32905	0.165765	0.603813	-1.65614	0.000360863	0.141919	-7.04627
cg25221532	SLC39A6;SLC39A6	0.00571461	0.715941	0.929396	-1.07597	0.0396201	0.620791	-1.61085	0.0120192	0.533847	-1.8732	0.257234	1.26731	1.26731	0.016922	0.557832	-1.79266
cg25426722	SLC39A6;SLC39A6;ELP2	0.0120498	0.515464	0.836621	-1.19528	0.0632179	0.555746	-1.79938	0.000294553	0.144904	-6.90113	0.0572094	0.545383	-1.83357	0.319391	0.755584	-1.32348
cg20489749	SLC39A6;SLC39A6;ELP2	0.0447413	0.350797	0.911549	-1.09703	0.0535594	1.23543	1.23543	0.0308181	1.27706	1.27706	0.201169	1.13904	1.13904	0.495969	1.06894	1.06894
cg19388032	SLC39A7;HSD17B8;SLC39A7	0.00353968	0.0165777	0.350666	-2.85172	0.00180144	0.203988	-4.90226	0.115445	0.541819	-1.84564	0.2314	0.637942	-1.56754	0.000707997	0.157602	-6.3451
cg10134509	SLC39A7;HSD17B8;SLC39A7	0.00421419	0.37622	0.774016	-1.29196	0.000517603	0.217024	-4.60779	0.157305	0.652718	-1.53205	0.364738	1.30047	1.30047	0.000280153	0.187132	-5.34381
cg02362439	SLC39A7;HSD17B8;SLC39A7	0.0243581	0.0400051	0.532238	-1.87886	0.0249538	2.03177	2.03177	0.984564	0.994873	-1.00515	0.879137	0.960375	-1.04126	0.00195746	0.312461	-3.2004
cg26750489	SLC39A7;HSD17B8;SLC39A7	0.0384564	0.23203	0.858481	-1.16485	0.0804701	0.789756	-1.26621	0.0822653	0.791085	-1.26409	0.630576	1.06076	1.06076	0.14391	0.826017	-1.21063
cg08660395	SLC39A7;RXRB;SLC39A7	4.27E-08	2.23E-08	0.0642135	-15.573	0.00384621	1.66706	1.66706	5.55E-07	0.1621	-6.16904	1.24E-05	0.298856	-3.34609	1.06E-08	0.0488961	-20.4515
cg17435901	SLC39A7;RXRB;SLC39A7	0.000104622	7.95E-05	0.0741219	-13.4913	4.52E-05	0.0598243	-16.7156	0.000813693	0.158409	-6.31276	0.0343677	0.406254	-2.46151	0.000720583	0.152892	-6.54055
cg04769770	SLC39A7;RXRB;SLC39A7	0.000278428	0.0257528	0.613206	-1.63077	1.75E-05	5.06873	5.06873	0.00310927	2.11048	2.11048	0.282249	1.22918	1.22918	0.00752395	0.529846	-1.88734
cg08846245	SLC39A7;RXRB;SLC39A7	0.000925708	0.000121892	0.118515	-8.43771	0.0345228	0.45669	-2.18967	0.00200885	0.250112	-3.99821	0.77565	0.913163	-1.09509	0.115242	0.580172	-1.72363
cg09993092	SLC39A7;RXRB;SLC39A7	0.00320618	0.00946673	0.391704	-2.55295	0.0257786	2.127	2.127	0.0313403	0.486801	-2.05423	0.145048	0.640119	-1.56221	0.0219457	0.456785	-2.18921
cg24794107	SLC39A7;RXRB;SLC39A7	0.00348049	0.765869	1.0306	1.0306	0.332212	0.90396	-1.10624	0.245479	1.13044	1.13044	0.487432	1.07381	1.07381	0.113362	1.18994	1.18994
cg06638515	SLC39A7;RXRB;SLC39A7	0.00551574	0.00278587	0.177161	-5.64459	0.00952212	0.251904	-3.96977	0.0400601	0.369328	-2.70762	0.706965	0.853386	-1.1718	0.00184545	0.156272	-6.39909
cg26751300	SLC39A7;RXRB;SLC39A7	0.0221797	0.433141	0.847635	-1.17975	0.320421	0.808825	-1.23636	0.912253	1.02304	1.02304	0.583923	0.891991	-1.12109	0.911667	1.0232	1.0232
cg03032574	SLC39A7;RXRB;SLC39A7	0.023725	0.320662	0.852651	-1.17281	0.00114063	2.10272	2.10272	0.00862012	1.68262	1.68262	0.296534	1.18311	1.18311	0.739173	1.05328	1.05328
cg06276429	SLC39A7;RXRB;SLC39A7	0.02979	0.509813	1.0683	1.0683	0.611763	0.95068	-1.05188	0.403213	0.918948	-1.0882	0.0704308	0.81889	-1.22116	0.694708	1.03975	1.03975
cg24252536	SLC39A7;RXRB;SLC39A7	0.0465966	0.0168394	0.217234	-4.60332	0.193365	0.486486	-2.05556	0.616212	0.767543	-1.30286	0.367195	0.615734	-1.62408	0.023064	0.241077	-4.14806
cg17112076	SLC39A7;SLC39A7	0.000208348	0.000151371	0.252555	-3.95954	0.273568	1.2727	1.2727	0.0227918	0.561739	-1.78019	0.688143	1.08915	1.08915	0.252264	0.776384	-1.28802
cg12274508	SLC39A7;SLC39A7	0.000535385	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15412401	SLC39A7;SLC39A7	0.00228457	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03600823	SLC39A7;SLC39A7	0.00282733	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24996709	SLC39A7;SLC39A7	0.0102323	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05544940	SLC39A7;SLC39A7	0.0108657	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23643568	SLC39A7;SLC39A7	0.0146809	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10673265	SLC39A7;SLC39A7	0.0283606	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13980399	?	?	?	0.00464523	0.277219	-3.60725	0.0797807	0.515558	-1.93964	0.0750037	0.508825	-1.96531	6.84981	11.1972	1.63467	1
cg08855361	0.000153962	0.674363	-1.48288	1.30E-06	0.470203	-2.12674	0.938806	1.00467	1.00467	0.0353751	0.861722	-1.16047	77.2591	4.51469	0.0519428	1
cg27182807	3.40E-05	0.2574	-3.885	2.37E-06	0.143555	-6.96595	0.176419	0.784281	-1.27505	0.00652486	0.550128	-1.81776	23.0586	10.4395	0.402435	1
cg05006947	0.651537	0.949702	-1.05296	0.000432465	1.88107	1.88107	0.292592	0.883431	-1.13195	0.0373543	1.31557	1.31557	6.02643	1.22981	0.181395	1
cg26758340	0.368572	0.824095	-1.21345	0.00225448	0.408377	-2.44872	0.0484285	1.60381	1.60381	0.883371	1.03123	1.03123	5.72713	3.98072	0.617834	1
cg06696917	0.645299	0.933932	-1.07074	0.00572642	0.586135	-1.70609	0.998627	0.999746	-1.00025	0.982671	0.996802	-1.00321	4.06857	1.40135	0.306163	1
cg06250214	0.333659	0.639165	-1.56454	0.7713	1.13977	1.13977	0.789089	0.886618	-1.12788	0.532044	0.752686	-1.32857	3.75404	11.9788	2.83636	1
cg05830473	0.171026	0.824609	-1.2127	0.0559087	0.750864	-1.3318	0.00912268	0.645178	-1.54996	0.45114	1.10691	1.10691	3.52885	0.978307	0.246427	1
cg04229059	0.687919	0.884405	-1.1307	0.597555	0.850378	-1.17595	0.310939	0.726926	-1.37566	0.102876	1.72092	1.72092	3.41526	5.00598	1.3029	1
cg07478245	0.00249425	1.48043	1.48043	5.76E-05	2.00686	2.00686	0.865186	0.984259	-1.01599	0.118993	1.17115	1.17115	12.7609	1.76195	0.122732	1
cg27383865	0.0511717	1.40342	1.40342	0.00381943	1.81347	1.81347	0.827215	1.03392	1.03392	0.224235	0.822962	-1.21512	7.19644	2.65465	0.327896	1
cg09892721	0.78121	1.09405	1.09405	0.0485702	2.06967	2.06967	0.555595	1.21223	1.21223	0.406099	0.760033	-1.31573	6.04777	9.98319	1.46731	1
cg01865114	0.260491	0.713646	-1.40125	0.0490315	0.524155	-1.90783	0.3627	0.764203	-1.30855	0.477459	0.812511	-1.23075	4.15495	5.43745	1.16326	1
cg02516845	0.204388	1.2576	1.2576	0.0537565	1.4547	1.4547	0.591682	0.911498	-1.0971	0.113354	0.744633	-1.34294	4.1393	1.92003	0.412314	1
cg01119072	0.146646	1.3892	1.3892	0.00213998	2.48443	2.48443	0.283	1.26539	1.26539	0.0819602	0.665855	-1.50183	3.92456	2.76744	0.626807	1
cg08854094	0.00229224	0.345663	-2.893	0.461763	0.829697	-1.20526	0.220869	0.725634	-1.3781	0.177269	0.699532	-1.42953	3.41949	3.36304	0.874214	1
cg05146599	0.0212133	0.669893	-1.49278	4.57E-05	0.328108	-3.04778	0.00165434	0.521426	-1.91782	2.64E-06	0.194668	-5.13695	35.3336	11.705	0.294462	1
cg07042489	0.396456	1.14364	1.14364	0.547595	0.910229	-1.09863	0.0293709	0.672592	-1.48679	0.942181	0.988851	-1.01127	12.1148	4.58384	0.336327	1
cg07262873	0.142429	1.59979	1.59979	0.00122755	4.09149	4.09149	0.000197407	6.45086	6.45086	0.00200656	3.66658	3.66658	11.4833	16.1508	1.25018	1
cg11283154	0.689406	1.15829	1.15829	2.81E-05	0.0490795	-20.3751	0.601113	1.21282	1.21282	0.0224097	0.367652	-2.71996	10.3925	22.0213	1.88352	1
cg12824106	0.404118	0.647312	-1.54485	?	?	?	0.59962	0.763483	-1.30979	0.499233	0.705074	-1.41829	6.18503	22.6003	3.65404	1
cg09277365	0.0137887	0.622828	-1.60558	0.017355	0.637225	-1.5693	0.67046	0.935593	-1.06884	0.457544	1.12487	1.12487	4.58608	1.75716	0.340577	1
cg10968375	0.21694	1.46797	1.46797	0.00156115	0.260993	-3.83152	0.0164086	0.42036	-2.37892	0.493799	0.814375	-1.22794	4.524	6.256	1.2292	1
cg13598790	0.0912796	1.52747	1.52747	0.0198334	0.526954	-1.8977	0.011837	0.488808	-2.04579	0.567036	0.876525	-1.14087	3.99637	3.28369	0.730372	1
cg21173440	0.2152	0.871445	-1.14752	0.00145085	0.615519	-1.62464	0.0585194	1.25287	1.25287	0.976641	0.996917	-1.00309	3.68226	0.648804	0.156619	1
cg08623548	0.479563	0.855839	-1.16844	0.000177292	0.252491	-3.96053	0.421872	0.837188	-1.19447	0.0550334	0.624253	-1.60192	9.46744	7.03427	0.66044	1
cg16414271	0.279869	0.923081	-1.08333	0.0208891	1.21904	1.21904	0.365007	0.935833	-1.06857	0.0357281	1.1902	1.1902	7.00562	0.563242	0.0714655	1
cg14747580	0.00858003	1.63286	1.63286	0.00759489	0.605241	-1.65223	0.509396	1.10284	1.10284	0.0203488	1.50529	1.50529	5.2374	1.77427	0.301129	1
cg05464581	0.0413035	0.549179	-1.8209	0.243465	1.36446	1.36446	0.745627	1.08642	1.08642	0.0610768	0.584229	-1.71166	4.998	5.13231	0.912776	1
cg09079613	0.0377091	0.367265	-2.72283	0.0125845	0.2754	-3.63109	0.57405	1.26621	1.26621	0.0250859	0.330416	-3.02649	4.21808	11.5376	2.43134	1
cg08310476	0.00841436	1.27198	1.27198	1.11E-05	1.9514	1.9514	0.679146	1.03018	1.03018	0.521398	0.954606	-1.04755	22.5239	1.82277	0.0719344	1
cg04112102	0.0202123	0.476359	-2.09926	4.24E-05	0.127282	-7.85656	0.0458867	0.545568	-1.83295	0.920995	0.974074	-1.02662	10.0507	11.1605	0.987036	1
cg15757615	0.59655	1.07229	1.07229	0.0335298	0.722912	-1.38329	0.847974	0.975237	-1.02539	0.0561942	0.753865	-1.3265	5.58439	1.50977	0.240316	1
cg10625666	0.0410566	0.4092	-2.44379	0.00337198	0.220606	-4.53296	0.238578	0.626336	-1.59659	0.212069	0.607603	-1.64581	4.90005	11.1494	2.02254	1
cg14794133	0.235855	1.37977	1.37977	0.54515	0.853263	-1.17197	0.528994	1.17972	1.17972	0.610668	1.14232	1.14232	4.57493	4.86581	0.945406	1
cg20865048	0.806314	1.06833	1.06833	0.863354	1.04744	1.04744	0.306347	1.32969	1.32969	0.811534	0.93775	-1.06638	3.40819	3.90762	1.01915	1
cg22263591	0.275398	1.164	1.164	1.45E-06	0.194356	-5.1452	0.000194714	0.432172	-2.31389	0.658003	0.942118	-1.06144	37.5229	10.6448	0.252168	1
cg26310429	0.618482	1.10977	1.10977	0.00850779	2.00699	2.00699	3.99E-05	0.196122	-5.09886	0.568686	1.12694	1.12694	23.6734	16.1346	0.605822	1
cg25901000	0.898609	1.02323	1.02323	0.000668824	2.55393	2.55393	0.272971	1.22814	1.22814	0.722957	0.937899	-1.06621	13.4619	6.91674	0.456711	1
cg27219182	0.166544	0.721839	-1.38535	0.482987	1.17064	1.17064	0.944838	0.984825	-1.01541	0.000347728	0.280493	-3.56516	12.4524	9.63074	0.68747	1
cg13381129	0.671366	0.88031	-1.13596	3.66E-05	0.0931218	-10.7386	0.0590417	0.52898	-1.89043	0.00209242	0.274387	-3.64449	11.9796	16.9296	1.25619	1
cg09696465	0.44466	1.17326	1.17326	0.00298643	2.3054	2.3054	0.18088	1.3382	1.3382	0.87364	0.96789	-1.03318	9.2748	6.17684	0.591983	1
cg21376638	0.828025	0.935916	-1.06847	0.00667364	2.91952	2.91952	0.941399	1.02263	1.02263	0.451741	0.791836	-1.26289	5.69614	8.36062	1.30468	1
cg08853318	0.141205	0.633044	-1.57967	0.00128909	0.257863	-3.87804	0.0468458	0.518139	-1.92998	0.975438	1.00894	1.00894	5.48612	7.25443	1.1754	1
cg08875869	0.243146	0.665704	-1.50217	0.0180716	0.384155	-2.60312	0.887573	0.953964	-1.04826	0.0360381	0.443778	-2.25338	4.88483	8.58755	1.56267	1
cg23414361	0.0632078	1.82153	1.82153	0.928795	1.02598	1.02598	0.0634023	0.549289	-1.82053	0.312858	0.741105	-1.34934	4.83127	6.30289	1.15965	1
cg25329072	0.897744	1.03885	1.03885	0.0179594	0.426333	-2.34558	0.87944	0.955997	-1.04603	0.997071	0.998912	-1.00109	4.77879	6.65283	1.23747	1
cg14233847	0.00939814	0.306306	-3.26471	0.487322	0.776025	-1.28862	0.673862	1.16427	1.16427	0.116305	0.541597	-1.84639	4.62756	9.46274	1.81766	1
cg23835923	0.000846592	0.524764	-1.90562	0.111949	1.24915	1.24915	0.223324	0.848367	-1.17874	0.64193	1.06203	1.06203	4.16245	1.08894	0.232543	1
cg27025137	0.24214	0.415924	-2.40429	0.0102317	0.0982948	-10.1735	0.112224	0.289604	-3.45299	0.116639	0.29474	-3.39282	4.04751	32.918	7.22925	1
cg09607131	0.0572931	1.36461	1.36461	0.0586479	0.734349	-1.36175	0.74957	1.04738	1.04738	0.00734682	1.64789	1.64789	3.64959	1.20786	0.294184	1
cg14703553	0.0396904	1.70374	1.70374	0.122047	1.45563	1.45563	0.0501479	0.606355	-1.6492	0.20894	0.743256	-1.34543	3.53754	2.81172	0.70651	1
cg17100696	0.928281	0.986998	-1.01317	0.0135551	0.641374	-1.55915	0.158722	0.803319	-1.24484	0.606552	1.07845	1.07845	3.43048	1.14823	0.297523	1
cg08822737	0.00149104	0.53545	-1.86759	0.0631759	0.752024	-1.32974	0.165346	1.22361	1.22361	0.373265	0.882806	-1.13275	8.84877	2.60642	0.261824	1
cg26550234	0.0790837	0.646939	-1.54574	0.451323	1.18699	1.18699	0.276464	0.776583	-1.28769	0.110952	0.678482	-1.47388	7.74154	6.1174	0.702404	1
cg06812574	0.0474758	0.245844	-4.06762	0.00277307	0.0778238	-12.8495	0.00524055	0.102392	-9.76642	0.0300992	0.206284	-4.84769	6.10922	37.0545	5.39142	1
cg01090358	0.028604	1.30734	1.30734	0.000503117	1.75848	1.75848	0.356754	1.10336	1.10336	0.418235	0.917744	-1.08963	21.1208	3.60205	0.151596	1
cg24194730	0.84074	1.0169	1.0169	0.000223856	1.66779	1.66779	0.0439332	0.824615	-1.21269	0.0171691	0.785158	-1.27363	14.448	1.58725	0.0976529	1
cg23308107	0.0253581	0.772142	-1.2951	0.298792	1.11046	1.11046	0.978405	0.99737	-1.00264	0.00237238	1.5103	1.5103	10.8662	1.62888	0.133248	1
cg19668951	0.968263	1.01329	1.01329	0.0963771	0.545633	-1.83273	0.0692831	0.509467	-1.96283	0.906647	1.0397	1.0397	6.27165	10.9378	1.55023	1
cg10264187	0.00763884	1.27397	1.27397	0.198887	1.1006	1.1006	0.0229498	1.21178	1.21178	0.0445443	1.17689	1.17689	4.29378	0.339003	0.0701796	1
cg22964598	0.949237	0.980625	-1.01976	0.00513691	0.321155	-3.11376	0.185469	0.649551	-1.53952	0.318373	0.728392	-1.37289	3.57518	5.34699	1.32941	1
cg23312964	0.0235558	0.588984	-1.69784	0.486545	1.14843	1.14843	0.00885238	1.91986	1.91986	0.00956783	1.90079	1.90079	9.07334	5.50641	0.539447	1
cg24136932	0.0342368	0.271519	-3.68298	0.0190047	0.223449	-4.4753	0.0296196	0.258878	-3.86282	0.0291649	0.257562	-3.88257	3.64206	16.0646	3.92075	1
cg00433296	0.00136125	5.46625	5.46625	0.000204398	10.3079	10.3079	0.000516671	7.42407	7.42407	0.0135583	2.96194	2.96194	16.7898	30.7102	1.42264	1
cg26182263	0.557746	1.04283	1.04283	9.36E-06	0.508282	-1.96741	0.0779289	1.14864	1.14864	0.160271	1.11196	1.11196	13.3784	1.06041	0.0704558	1
cg01754958	0.0137196	1.64447	1.64447	0.0374475	1.4831	1.4831	0.000194592	2.78223	2.78223	0.930681	1.0143	1.0143	10.0566	4.24352	0.37508	1
cg11485247	0.000797117	1.67233	1.67233	0.096561	0.830916	-1.20349	0.623304	0.95098	-1.05155	0.0445474	0.791205	-1.2639	7.27903	1.18831	0.145112	1
cg14348540	0.369206	1.45819	1.45819	0.00338225	5.10385	5.10385	0.0157839	3.35245	3.35245	0.14871	1.88415	1.88415	6.50696	17.2394	2.355	1
cg13512537	0.00264701	0.476298	-2.09953	0.192438	1.27893	1.27893	0.876668	0.972684	-1.02808	0.705714	0.934585	-1.06999	5.84481	2.94384	0.447705	1
cg15740790	0.0310918	2.561	2.561	0.0125406	3.17083	3.17083	0.0068293	3.67739	3.67739	0.0979557	1.96333	1.96333	4.12839	9.03006	1.94427	1
cg25257677	0.0513392	5.68431	5.68431	0.0037537	21.419	21.419	0.0282353	7.6071	7.6071	0.104945	4.00585	4.00585	4.08559	39.694	8.63609	1
cg05254747	0.109314	2.7651	2.7651	0.0229723	4.87658	4.87658	0.0365137	4.11942	4.11942	0.117015	2.69631	2.69631	3.60767	19.3881	4.777	1
cg23882724	0.143331	2.27528	2.27528	0.0229118	4.14838	4.14838	0.0160244	4.66947	4.66947	0.0674817	2.91809	2.91809	3.56369	15.4228	3.84689	1
cg11224232	0.606644	1.1237	1.1237	0.0658719	1.58952	1.58952	6.72E-05	5.15209	5.15209	0.0612408	1.60579	1.60579	12.356	9.86812	0.709914	1
cg09867184	0.346433	0.759435	-1.31677	0.00476297	0.34518	-2.89704	0.783954	1.08112	1.08112	0.412027	1.26878	1.26878	5.93095	7.56638	1.134	1
cg17493511	0.881806	0.958815	-1.04295	0.0642332	2.55401	2.55401	0.00960438	0.0795803	-12.5659	?	?	?	28.0703	19.1468	0.194887	1
cg17841099	0.252462	0.785228	-1.27351	0.0906257	1.45802	1.45802	0.884361	0.970993	-1.02987	0.175929	0.747474	-1.33784	4.17979	2.70819	0.575932	1
cg05245515	0.333549	1.27444	1.27444	0.163686	0.69671	-1.43532	0.00737493	2.3152	2.3152	0.984898	1.00461	1.00461	10.754	10.0683	0.832212	1
cg20060632	0.720977	0.926734	-1.07906	0.280102	1.26898	1.26898	0.276222	1.27163	1.27163	0.396427	0.83173	-1.20231	3.65929	2.60881	0.633716	1
cg05654163	0.013705	2.30829	2.30829	0.00965756	2.45657	2.45657	0.151903	1.52391	1.52391	0.520106	0.836166	-1.19594	8.63599	10.3013	1.0603	1
cg08122172	0.0496438	0.677216	-1.47663	0.903026	0.97901	-1.02144	0.178167	1.28273	1.28273	0.351176	0.846202	-1.18175	8.15358	3.91153	0.426428	1
cg06262842	0.965185	0.993235	-1.00681	0.00294734	1.88685	1.88685	0.183406	0.802908	-1.24547	0.412153	1.13929	1.13929	3.48239	1.33394	0.340492	1
cg21550623	1.03E-05	0.274323	-3.64534	0.00026807	0.440694	-2.26915	0.200349	0.830818	-1.20363	0.00797043	0.627479	-1.59368	50.5785	15.0394	0.264308	1
cg11344927	0.00435812	0.470029	-2.12753	0.000132877	0.26894	-3.71831	0.00154024	0.405331	-2.46712	0.00073164	0.3615	-2.76625	12.2857	7.64449	0.553091	1
cg08301526	0.00636209	1.47831	1.47831	0.0100908	0.699563	-1.42946	0.197848	1.16161	1.16161	0.0337502	0.761178	-1.31375	11.9057	2.28428	0.170545	1
cg14659082	0.846533	1.09453	1.09453	0.0791397	2.4809	2.4809	0.0713522	0.391109	-2.55683	0.00710114	0.197657	-5.05926	6.23568	21.4587	3.05891	1
cg24861191	0.661298	1.08092	1.08092	0.00152022	2.23857	2.23857	0.0352122	1.54176	1.54176	0.00379462	1.99207	1.99207	5.37838	2.65339	0.438528	1
cg08265265	0.145644	1.46242	1.46242	0.464706	0.834409	-1.19845	0.0010419	3.25757	3.25757	0.00126782	3.14003	3.14003	7.70909	7.22659	0.833255	1
cg03453890	0.161777	1.59563	1.59563	0.0800145	1.83583	1.83583	0.74161	0.901689	-1.10903	0.127586	0.597333	-1.67411	5.80183	8.98826	1.37708	1
cg02583091	0.83128	0.944825	-1.0584	0.0151411	0.452112	-2.21184	0.0162716	2.18496	2.18496	0.0552005	1.78282	1.78282	8.82508	9.89005	0.996156	1
cg04600798	0.451655	0.840047	-1.19041	0.00445972	0.422265	-2.36818	0.976506	1.00672	1.00672	0.00463206	0.424773	-2.3542	8.253	6.75272	0.727302	1
cg05681977	0.0352746	0.609124	-1.6417	0.000347405	0.312465	-3.20036	0.00771754	0.500563	-1.99775	0.0301249	0.597129	-1.67468	8.12171	5.25843	0.575514	1
cg12676500	0.810302	0.937679	-1.06646	0.0134482	0.440923	-2.26797	0.401213	0.794598	-1.2585	0.0388195	0.527217	-1.89675	5.45991	6.19176	1.00804	1
cg24625894	0.0500681	1.40878	1.40878	0.000522254	2.29249	2.29249	0.430885	0.883975	-1.13125	0.147357	1.26934	1.26934	5.0182	1.87015	0.331266	1
cg08969922	0.945369	1.01628	1.01628	0.174046	0.711182	-1.40611	0.728209	1.0857	1.0857	0.0664655	0.615648	-1.62431	4.83527	4.25394	0.782021	1
cg11800672	0.167888	1.41485	1.41485	0.0132493	2.06435	2.06435	0.576109	1.14266	1.14266	0.79787	1.06247	1.06247	4.75892	4.20174	0.784816	1
cg23697467	0.359203	0.849948	-1.17654	0.127518	1.32867	1.32867	0.702795	0.936027	-1.06834	0.721456	1.06368	1.06368	3.45902	1.62925	0.418679	1
cg06700234	0.28831	1.3896	1.3896	0.119353	0.603836	-1.65608	0.91053	0.967007	-1.03412	0.758264	1.09651	1.09651	5.31291	7.49575	1.25409	1
cg03343942	0.00811852	0.413262	-2.41977	8.43E-05	0.158242	-6.31945	0.004975	0.379296	-2.63646	0.00965948	0.425764	-2.34872	12.6909	13.6647	0.957091	1
cg08214142	0.0170064	0.633123	-1.57947	0.114415	1.30956	1.30956	0.899588	0.980367	-1.02003	0.651352	0.931042	-1.07406	4.22071	1.64912	0.347309	1
cg27332026	0.0118787	1.79718	1.79718	?	?	?	?	?	?	?	?	?	71.9156	6.7044	0.124301	1
cg19453250	0.19147	0.57796	-1.73022	0.00182277	0.172651	-5.79203	0.0153768	0.307539	-3.25162	0.0448789	0.401452	-2.49096	5.58695	13.9067	2.21257	1
cg14058239	0.00225406	0.232438	-4.30222	4.54E-05	0.0719265	-13.9031	0.849906	0.937386	-1.0668	0.000654015	0.168139	-5.94748	13.794	25.4496	1.63998	1
cg25221532	0.0102341	0.522796	-1.91279	0.014954	0.549086	-1.82121	0.00658582	2.02774	2.02774	0.0507279	0.640178	-1.56207	7.04418	4.47845	0.565125	1
cg25426722	0.51171	0.835234	-1.19727	?	?	?	0.463986	0.817183	-1.22372	0.186326	0.680312	-1.46991	7.52962	7.31351	0.728474	1
cg20489749	0.86739	0.984013	-1.01625	0.0177489	0.75728	-1.32052	0.386646	1.08935	1.08935	0.0455543	1.24747	1.24747	3.53314	0.520391	0.130923	1
cg19388032	0.0040837	0.251572	-3.975	0.00234623	0.218607	-4.57441	0.649439	0.848854	-1.17806	0.00867504	0.301812	-3.31332	8.14627	16.5441	1.80523	1
cg10134509	0.091388	0.591899	-1.68948	0.50812	0.827469	-1.2085	0.847487	0.947134	-1.05582	0.124827	0.625816	-1.59791	7.72982	9.74171	1.12025	1
cg02362439	0.353223	0.775843	-1.28892	0.557462	0.854162	-1.17074	0.280828	1.34695	1.34695	0.421283	0.803895	-1.24394	4.39678	4.9161	0.993881	1
cg26750489	0.322921	1.13235	1.13235	0.0281909	1.37095	1.37095	0.0201695	1.40651	1.40651	0.29459	1.14149	1.14149	3.73677	0.877098	0.208641	1
cg08660395	6.51E-08	0.0910911	-10.978	7.08E-05	0.386465	-2.58756	0.000133691	0.419585	-2.3833	2.81E-07	0.137122	-7.29277	163.179	44.4834	0.242316	1
cg17435901	0.000846747	0.160246	-6.24041	0.000202994	0.102911	-9.71713	0.919307	1.03768	1.03768	8.26E-05	0.0751724	-13.3027	21.8745	46.1486	1.87529	1
cg04769770	0.914045	0.980259	-1.02014	0.0067546	0.522858	-1.91257	0.742631	0.940963	-1.06274	0.0914357	1.40952	1.40952	16.7893	9.06802	0.480096	1
cg08846245	0.96221	1.01518	1.01518	0.00652171	0.325037	-3.07657	0.0732256	0.529865	-1.88727	0.000126517	0.119872	-8.34227	12.0266	19.2519	1.42291	1
cg09993092	0.449311	1.24579	1.24579	0.000288108	0.185166	-5.40056	0.668463	1.13067	1.13067	0.358876	1.30856	1.30856	8.39063	10.7978	1.14389	1
cg24794107	0.252523	1.12822	1.12822	9.46E-05	0.495547	-2.01797	0.290042	1.11721	1.11721	0.0453886	1.26069	1.26069	8.18749	1.32105	0.143422	1
cg06638515	0.036512	0.360495	-2.77396	0.00406764	0.198099	-5.04798	0.0039033	0.195733	-5.10899	0.0276334	0.335134	-2.98388	7.1213	19.8766	2.48102	1
cg26751300	0.304383	0.802661	-1.24586	0.000316878	0.299542	-3.33843	0.946593	1.01394	1.01394	0.0697855	0.657659	-1.52054	4.54124	3.07184	0.601272	1
cg03032574	0.70839	1.0601	1.0601	0.465685	1.12225	1.12225	0.253514	1.20352	1.20352	0.0590439	1.3926	1.3926	4.43706	1.69592	0.33975	1
cg06276429	0.367875	0.912656	-1.0957	0.000701791	0.60016	-1.66622	0.988461	1.00143	1.00143	0.335063	1.10322	1.10322	4.09703	0.633574	0.13746	1
cg24252536	0.055012	0.320132	-3.12372	0.0088231	0.174557	-5.72878	0.0171107	0.218394	-4.57889	0.330759	0.591335	-1.69109	3.47969	15.1038	3.85826	1
cg17112076	3.21E-05	0.18036	-5.54447	7.75E-05	0.21997	-4.54607	0.244988	0.773069	-1.29354	0.0040846	0.442375	-2.26053	18.1685	12.889	0.630588	1
cg12274508	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15412401	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03600823	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24996709	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05544940	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23643568	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10673265	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15105576	SLC39A7;SLC39A7	0.0296499	0.0131562	0.26198	-3.81708	0.0230278	0.305919	-3.26884	0.104115	0.461084	-2.1688	0.0939617	0.448263	-2.23083	0.0522367	0.382139	-2.61685	0.0485969	0.374745	-2.66848	0.0101368	0.24339	-4.10863	0.0648418	0.405176	-2.46806	0.00840405	0.230691	-4.3348	4.10389	12.3384	2.67244	1
cg08133228	SLC39A7;SLC39A7	0.0384358	0.0340948	0.182015	-5.49407	0.0171577	0.135209	-7.39597	0.185985	0.380597	-2.62745	0.246964	0.434313	-2.30249	0.00665659	0.0884109	-11.3108	0.0647866	0.239588	-4.17384	0.00989496	0.105908	-9.44215	0.144092	0.339231	-2.94784	0.0868058	0.271725	-3.68019	3.7375	28.0927	6.68128	1
cg11724493	SLC39A7;SLC39A7;RXRB	0.000203123	0.738905	0.964212	-1.03712	0.033588	1.31056	1.31056	0.508148	1.07588	1.07588	0.000154412	0.493429	-2.02663	0.00049377	0.551932	-1.81182	0.00373587	0.652713	-1.53207	0.00017132	0.498673	-2.00532	0.123211	1.19953	1.19953	0.00597317	1.47929	1.47929	18.2941	3.43927	0.16711	1
cg04477675	SLC39A7;SLC39A7;RXRB	0.00286269	0.00553704	0.475662	-2.10233	0.0434927	0.622977	-1.6052	0.367596	1.20763	1.20763	0.880866	1.03104	1.03104	0.232141	0.774581	-1.29102	0.0400083	0.616424	-1.62226	0.000816483	0.35753	-2.79697	0.961015	0.990086	-1.01001	0.000288338	0.299427	-3.33971	8.67789	5.71074	0.58496	1
cg16199665	SLC39A7;SLC39A7;RXRB	0.00287709	0.976956	1.00398	1.00398	0.00375756	1.71242	1.71242	0.449738	1.11173	1.11173	0.0886408	0.772376	-1.29471	0.000182453	0.418863	-2.38742	0.175197	0.820155	-1.21928	0.989561	1.0018	1.0018	0.209328	1.19957	1.19957	0.12025	1.26082	1.26082	8.665	2.59514	0.266219	1
cg12836424	SLC39A7;SLC39A7;RXRB	0.0436847	0.282258	0.841113	-1.1889	0.044191	1.43044	1.43044	0.25988	1.19961	1.19961	0.941283	0.988657	-1.01147	0.269299	1.195	1.195	0.745291	0.950776	-1.05177	0.0498715	0.707261	-1.4139	0.355419	0.863115	-1.15859	0.00654652	1.72806	1.72806	3.56482	1.35386	0.337586	1
cg20136244	SLC39A7;SLC39A7;RXRB;RXRB	0.04916	0.0071796	0.227888	-4.38813	0.915664	0.957615	-1.04426	0.967086	1.01701	1.01701	0.0112617	0.260299	-3.84174	0.31729	0.65391	-1.52926	0.101851	0.475927	-2.10116	0.0194873	0.304238	-3.2869	0.834713	0.918107	-1.0892	0.740269	1.14577	1.14577	3.7022	9.59396	2.01555	1
cg15568439	SLC39A7;SLC39A7;RXRB;SLC39A7	0.010876	0.000743178	0.531663	-1.88089	0.782776	0.966479	-1.03468	0.0337833	0.736538	-1.3577	0.045739	1.32652	1.32652	0.0393659	0.745234	-1.34186	0.593358	1.06875	1.06875	0.115636	0.809777	-1.23491	0.0934609	0.796437	-1.25559	0.133959	0.819226	-1.22066	5.75349	1.38685	0.214262	1
cg27533754	SLC39A7;SLC39A7;RXRB;SLC39A7	0.0111162	0.000818883	0.261592	-3.82275	0.504868	1.19712	1.19712	0.698663	1.10897	1.10897	0.0565113	0.563237	-1.77545	0.200172	1.43306	1.43306	0.130491	0.647772	-1.54375	0.521014	1.18882	1.18882	0.7302	1.09641	1.09641	0.0188496	2.13059	2.13059	5.71314	6.39667	0.995237	1
cg18284961	SLC39A7;SLC39A7;RXRB;SLC39A7;SLC39A7	9.83E-06	8.07E-08	0.0100078	-99.9225	0.791271	0.933565	-1.07116	0.458292	0.822235	-1.2162	0.503226	1.19252	1.19252	0.999692	1.0001	1.0001	0.00509652	0.383153	-2.60993	0.168378	0.683577	-1.46289	0.22972	1.38627	1.38627	0.401817	1.24905	1.24905	40.7463	43.3449	0.945578	1
cg04660577	SLC39A8	0.0312154	0.273665	0.712311	-1.40388	0.242647	0.694795	-1.43927	0.0156603	0.413831	-2.41644	0.96863	1.01178	1.01178	0.131573	0.615841	-1.6238	0.121049	0.606135	-1.6498	0.00136871	0.250751	-3.98802	0.661545	1.14018	1.14018	0.0724621	0.550521	-1.81646	4.02947	5.65977	1.24853	1
cg21200841	SLC39A8;SLC39A8;SLC39A8	0.0103134	0.762887	1.09651	1.09651	0.120355	1.67037	1.67037	0.703681	1.12341	1.12341	0.790766	0.922219	-1.08434	0.00993052	0.370946	-2.69581	0.364526	0.752966	-1.32808	0.129712	0.607463	-1.64619	0.00294159	3.46805	3.46805	0.00841511	2.78653	2.78653	5.85251	8.5948	1.30539	1
cg09447808	SLC39A8;SLC39A8;SLC39A8	0.0146707	0.0179243	3.47192	3.47192	0.0546637	2.5407	2.5407	0.59162	1.2554	1.2554	0.220703	1.72312	1.72312	0.00573379	0.204488	-4.89026	0.563307	1.27821	1.27821	0.768507	0.883525	-1.13183	0.00962975	4.16859	4.16859	0.0284557	3.04466	3.04466	5.86657	15.9986	2.12106	1
cg19916409	SLC39A8;SLC39A8;SLC39A8	0.022383	0.977431	0.995279	-1.00474	0.930438	0.985502	-1.01471	0.902798	1.02065	1.02065	0.948216	0.989195	-1.01092	0.598185	0.914887	-1.09303	0.653448	0.927194	-1.07852	0.000242089	0.362235	-2.76064	0.880525	0.975157	-1.02548	0.98388	0.996626	-1.00338	4.52703	2.00591	0.393864	1
cg16852115	SLC39A8;SLC39A8;SLC39A8	0.0400828	0.657452	0.892142	-1.1209	0.58489	1.1515	1.1515	0.0840828	1.63035	1.63035	0.534601	0.851433	-1.17449	0.00543045	0.392357	-2.5487	0.0157398	0.469148	-2.13153	0.412266	0.807037	-1.2391	0.997405	0.999169	-1.00083	0.198976	1.41496	1.41496	3.68033	3.81209	0.920711	1
cg12097340	SLC39A8;SLC39A8;SLC39A8;SLC39A8	0.0356901	0.028326	0.249622	-4.00606	0.00306142	0.113693	-8.79562	0.0128408	0.190792	-5.24132	0.228267	0.507653	-1.96985	0.0547724	0.311022	-3.21521	0.0348706	0.267591	-3.73705	0.169598	0.456399	-2.19107	0.352083	0.598464	-1.67094	0.141972	0.428942	-2.33132	3.83987	17.4791	4.04623	1
cg06955716	SLC39A9	0.0104659	0.00394306	0.0921149	-10.856	0.200034	0.434991	-2.2989	0.438801	0.615339	-1.62512	0.160065	0.397336	-2.51676	0.010876	0.139993	-7.14321	0.35923	0.560079	-1.78546	0.00203891	0.0689907	-14.4947	0.00699974	0.117118	-8.53836	0.00809288	0.12427	-8.047	5.82501	34.8835	5.32318	1
cg13990980	SLC39A9	0.0107872	0.0142621	0.333434	-2.99909	0.0350842	0.409769	-2.4404	0.0238638	0.375428	-2.66363	0.0152424	0.33863	-2.95308	0.00137173	0.185023	-5.40474	0.00981255	0.305364	-3.27478	0.119454	0.5412	-1.84775	0.776142	1.10915	1.10915	0.024337	0.377114	-2.65172	5.76869	12.0638	1.85889	1
cg05195393	SLC39A9;ERH	0.000166857	0.00683058	2.72282	2.72282	0.000148664	6.44709	6.44709	0.000496687	4.74946	4.74946	0.0298748	0.481662	-2.07614	?	?	?	0.27146	0.720888	-1.38718	0.307212	1.3528	1.3528	0.000232096	0.174411	-5.73359	0.06464	0.552491	-1.80998	19.781	22.7576	1.15048	1
cg17926678	SLC39A9;ERH	0.000463395	0.000220857	0.329967	-3.0306	0.319122	1.20384	1.20384	0.0118549	1.76129	1.76129	0.00325963	0.485414	-2.0601	0.304743	0.82572	-1.21106	0.00966561	1.80395	1.80395	0.00257315	2.12349	2.12349	0.0806907	1.41769	1.41769	0.00378535	2.02157	2.02157	14.5948	7.50419	0.457039	1
cg01517940	SLC39A9;ERH	0.00197286	0.00026474	0.283964	-3.52157	0.0072693	0.483099	-2.06997	0.0627758	1.5526	1.5526	0.165458	0.732832	-1.36457	?	?	?	0.963773	0.990502	-1.00959	0.0123231	1.92487	1.92487	0.234913	0.769819	-1.29901	0.116358	1.43124	1.43124	9.90196	6.15479	0.621573	1
cg11185452	SLC39A9;ERH	0.00670328	0.00355984	0.379728	-2.63346	0.538315	0.858337	-1.16504	0.0156897	2.06697	2.06697	0.554959	0.86381	-1.15766	0.194811	1.39967	1.39967	0.000781269	0.287739	-3.47537	0.700081	0.909464	-1.09955	0.368543	0.797368	-1.25413	0.903989	1.03003	1.03003	6.70493	6.38325	0.846243	1
cg26931528	SLC39A9;ERH	0.0308777	0.233767	1.23006	1.23006	0.0153685	0.610535	-1.63791	0.0239188	1.56356	1.56356	0.211229	1.24418	1.24418	0.0202447	1.59104	1.59104	0.263379	1.21337	1.21337	0.37985	0.861202	-1.16117	0.0560543	1.43184	1.43184	0.720701	1.06136	1.06136	4.04512	1.76268	0.387337	1
cg08562291	SLC39A9;ERH	0.0368537	0.0350182	0.512374	-1.9517	0.915484	1.02932	1.02932	0.00334485	0.337209	-2.96552	0.346901	1.30171	1.30171	0.0573221	0.556912	-1.79562	0.0354806	0.513514	-1.94737	0.993521	0.997792	-1.00221	0.0969122	0.608938	-1.6422	0.823784	0.941092	-1.0626	3.79534	4.45471	1.04332	1
cg13665174	SLC39A9;SLC39A9;ERH	0.02171	0.876251	0.976922	-1.02362	0.384848	0.875038	-1.14281	0.108021	0.768952	-1.30047	0.296497	0.850291	-1.17607	0.255271	0.836985	-1.19476	0.0172494	0.647485	-1.54444	0.000841907	0.471264	-2.12195	0.126381	0.780553	-1.28114	0.203402	1.2228	1.2228	4.57471	1.62639	0.316016	1
cg24724513	SLC3A1	0.0013864	0.138592	0.831955	-1.20199	0.0275585	0.740307	-1.35079	0.364603	0.898076	-1.11349	0.858733	1.02077	1.02077	0.000869636	0.561878	-1.77975	0.200988	0.855696	-1.16864	3.16E-05	0.392334	-2.54885	0.661757	0.950471	-1.05211	0.835334	1.02431	1.02431	10.7195	2.26053	0.187449	1
cg09959718	SLC3A1	0.00388018	0.111127	0.779968	-1.2821	0.267356	0.848499	-1.17855	0.164538	0.809262	-1.23569	0.657472	0.938838	-1.06515	0.102331	0.774015	-1.29196	0.410585	1.1267	1.1267	0.961505	1.00684	1.00684	0.683196	0.943629	-1.05974	5.32E-05	0.305423	-3.27415	9.26338	2.86706	0.240726	1
cg21843262	SLC3A1	0.00555198	0.751166	1.08021	1.08021	0.0965053	0.642407	-1.55665	0.0507064	0.582793	-1.71587	0.0515066	0.584169	-1.71183	0.000300694	0.240333	-4.16089	0.424408	0.8205	-1.21877	0.0143371	0.480856	-2.07963	0.0331809	1.82914	1.82914	0.170266	0.701736	-1.42504	7.10699	6.61995	0.827974	1
cg09860050	SLC3A1	0.00772759	0.312247	0.792991	-1.26105	0.161903	0.717926	-1.3929	0.082344	0.652464	-1.53265	0.806077	0.946888	-1.05609	0.000450612	0.293058	-3.41229	0.719482	0.923095	-1.08331	0.00085685	0.329201	-3.03766	0.12041	0.688135	-1.4532	0.859187	0.961364	-1.04019	6.4136	5.00089	0.693095	1
cg02192965	SLC3A1	0.0209662	0.0143653	0.0840159	-11.9025	0.0316508	0.126487	-7.90593	0.290168	0.406184	-2.46194	0.05379	0.165786	-6.03186	0.00908595	0.0658401	-15.1883	0.11159	0.241183	-4.14623	0.00242092	0.0312388	-32.0115	0.402834	0.495287	-2.01903	0.0241444	0.110073	-9.08489	4.62957	49.3845	9.48195	1
cg03217954	SLC3A1	0.0339095	?	?	?	0.771687	0.955178	-1.04692	0.601713	0.920352	-1.08654	0.635817	1.07808	1.07808	0.476135	0.892084	-1.12097	0.25466	1.20618	1.20618	0.000926485	2.18046	2.18046	0.682069	0.937145	-1.06707	0.44269	0.883941	-1.1313	3.9756	1.39032	0.349714	1
cg09067747	SLC3A1	0.0424615	0.0167753	0.817005	-1.22398	0.0814466	0.874828	-1.14308	0.0173826	0.818286	-1.22207	0.0524841	0.858407	-1.16495	0.0614056	0.864224	-1.15711	0.496967	1.04891	1.04891	0.284168	1.08009	1.08009	0.866436	1.01172	1.01172	0.0800536	0.874175	-1.14394	3.60269	0.273571	0.067498	1
cg03193698	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.00265426	0.000956059	0.291767	-3.42739	0.380531	1.2525	1.2525	0.0787917	1.63001	1.63001	0.0563524	0.582258	-1.71745	0.000945929	0.291158	-3.43456	0.0398049	1.81282	1.81282	0.0462129	1.77123	1.77123	0.786832	0.934405	-1.0702	0.533177	0.853868	-1.17114	8.87405	8.80507	0.881979	1
cg24406775	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.00807473	0.0927538	1.15622	1.15622	0.00937021	1.29506	1.29506	0.401434	1.06972	1.06972	0.00390509	1.35644	1.35644	0.0147632	0.79021	-1.26549	0.903116	0.990489	-1.0096	0.0207234	1.24427	1.24427	0.0324371	1.21714	1.21714	0.241934	0.90836	-1.10088	6.32561	0.616964	0.0866972	1
cg22327576	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.0148895	0.196389	0.697297	-1.43411	0.790669	1.07274	1.07274	0.906482	0.969458	-1.0315	0.183251	0.688876	-1.45164	0.757205	1.08529	1.08529	0.164194	0.67586	-1.4796	0.000203022	0.193136	-5.17769	0.984223	1.00523	1.00523	0.978667	1.00708	1.00708	5.19338	5.72985	0.98071	1
cg15795544	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.0384252	0.107175	0.543546	-1.83977	0.387732	0.735716	-1.35922	0.688108	1.15015	1.15015	0.0439139	2.23174	2.23174	0.0358938	0.429027	-2.33085	0.176202	0.607434	-1.64627	0.0653382	2.04869	2.04869	0.0294407	2.43285	2.43285	0.614654	1.19242	1.19242	3.73788	7.11484	1.69195	1
cg21692936	SLC3A2;SNORD27;SLC3A2;SNHG1;SNORD25;SLC3A2;SNORD26;SLC3A2;SLC3A2	0.0105333	0.0512343	0.583202	-1.71467	0.0578004	0.59391	-1.68376	0.470814	0.83678	-1.19506	0.326612	0.781923	-1.2789	0.000198086	0.218982	-4.56658	0.209388	0.725154	-1.37902	0.039653	0.561089	-1.78225	0.702702	0.911059	-1.09762	0.53524	1.16476	1.16476	5.81302	5.43193	0.830614	1
cg14499385	SLC40A1	0.00917549	0.0186893	4.53373	4.53373	0.00594499	6.73722	6.73722	0.126651	2.4018	2.4018	0.101205	2.59039	2.59039	0.178261	2.13512	2.13512	0.0200112	4.43094	4.43094	0.00110017	12.8324	12.8324	0.00297343	8.68621	8.68621	0.0523365	3.22284	3.22284	6.07501	27.0594	3.9593	1
cg13394305	SLC40A1	0.0331337	0.682382	0.684564	-1.46078	0.477077	0.513819	-1.94621	0.832048	0.822331	-1.21606	0.00162271	0.0156002	-64.1019	0.234233	0.317098	-3.1536	0.0574025	0.138114	-7.24041	0.675076	0.678196	-1.4745	0.0404187	8.84933	8.84933	0.8663	0.85624	-1.1679	3.94432	52.9974	11.9435	1
cg25022560	SLC41A1	1.65E-06	?	?	?	0.132266	1.40219	1.40219	0.00251238	0.402145	-2.48667	?	?	?	?	?	?	?	?	?	0.542203	1.13555	1.13555	7.86E-08	0.0107965	-92.6226	0.123021	0.706166	-1.4161	110.902	40.3993	0.509992	1
cg09790270	SLC41A1	8.60E-06	9.97E-06	0.179533	-5.57002	0.0189136	1.67314	1.67314	0.000260631	0.337123	-2.96627	0.00019739	0.322164	-3.10401	0.00106421	0.416466	-2.40116	0.000232112	0.330855	-3.02247	3.13E-06	0.134848	-7.41577	0.00105858	2.40295	2.40295	0.000158878	0.310656	-3.21899	42.1935	21.9076	0.461527	1
cg00097626	SLC41A1	0.00397149	0.328507	0.765672	-1.30604	0.0219431	0.483004	-2.07038	0.625898	1.13891	1.13891	0.844156	0.949229	-1.05349	0.0468826	1.8263	1.8263	0.000580825	4.09026	4.09026	0.00534758	0.378595	-2.64135	0.490251	0.830665	-1.20386	0.0807566	1.66979	1.66979	7.86944	8.73525	0.986687	1
cg23034840	SLC41A1	0.00531559	0.214087	0.595083	-1.68044	0.924402	1.03838	1.03838	0.548372	1.27251	1.27251	0.745941	1.13769	1.13769	0.0552097	0.422124	-2.36897	0.00023798	0.0893592	-11.1908	0.0581994	2.33837	2.33837	0.496791	1.31492	1.31492	0.0316243	2.71801	2.71801	7.2025	17.9609	2.21662	1
cg03046812	SLC41A1	0.0105566	0.797666	1.03038	1.03038	0.274795	1.14153	1.14153	0.000161406	2.11794	2.11794	0.655396	0.949019	-1.05372	0.925137	1.01101	1.01101	0.951563	0.992948	-1.0071	0.595455	0.939484	-1.06441	0.865345	1.01997	1.01997	0.0380131	1.3234	1.3234	5.80889	1.2485	0.191048	1
cg13453750	SLC41A1	0.0108735	0.0106946	0.293822	-3.40343	0.00777104	0.27122	-3.68704	0.0119809	0.302201	-3.30905	0.159152	1.77609	1.77609	0.00759733	0.269672	-3.70821	0.117714	0.522793	-1.9128	0.034402	0.389877	-2.56491	0.28408	0.653892	-1.52931	0.0105366	0.292737	-3.41604	5.75392	13.2801	2.05156	1
cg07551022	SLC41A1	0.032837	0.723017	0.947027	-1.05594	0.254606	1.19953	1.19953	0.28594	0.844094	-1.1847	0.499261	0.900416	-1.1106	0.00218819	0.518333	-1.92926	0.220404	0.821147	-1.21781	0.0140723	0.629026	-1.58976	0.0459223	0.704749	-1.41894	0.160295	0.794995	-1.25787	3.95708	1.46596	0.329302	1
cg23855818	SLC41A2	0.000584226	0.0008079	0.275514	-3.62958	0.244725	1.36394	1.36394	0.391588	0.799407	-1.25093	0.0462656	0.558573	-1.79027	7.62E-05	0.160531	-6.22934	0.00145246	0.309342	-3.23267	0.0007749	0.273189	-3.66048	0.16936	1.45269	1.45269	0.198423	0.707043	-1.41434	13.6852	14.1003	0.915857	1
cg02329494	SLC41A2	0.00478875	0.0682484	0.540785	-1.84916	0.145357	0.624505	-1.60127	0.56587	0.839667	-1.19095	0.257371	0.700541	-1.42747	0.000170953	0.146092	-6.84501	0.00152861	0.253218	-3.94916	0.291347	0.719158	-1.39052	0.973208	0.989939	-1.01016	0.0172665	0.41756	-2.39486	7.43582	10.6765	1.27629	1
cg22784260	SLC41A2	0.00628943	0.145828	0.680934	-1.46857	0.0573383	0.589125	-1.69743	0.0248836	0.518384	-1.92907	0.685561	0.90468	-1.10536	0.00034999	0.24309	-4.11371	0.0173454	0.490123	-2.0403	0.29174	1.30895	1.30895	0.661592	1.11449	1.11449	0.00815064	0.434562	-2.30117	6.83882	6.55991	0.852637	1
cg20495009	SLC41A2	0.009533	0.268731	0.863624	-1.15791	0.760517	1.03968	1.03968	0.0248753	0.711879	-1.40473	0.75517	0.960967	-1.04062	0.000965983	0.535063	-1.86894	0.0108028	0.665285	-1.50311	0.104602	0.797886	-1.25331	0.961871	1.0061	1.0061	0.00274176	0.59085	-1.69248	6.00156	1.53992	0.228076	1
cg14598764	SLC41A3	0.000116275	0.632347	1.10381	1.10381	0.956664	1.0112	1.0112	0.110241	0.699999	-1.42857	0.901749	0.97501	-1.02563	2.70E-06	0.099088	-10.092	0.160428	1.3597	1.3597	0.000874766	2.78079	2.78079	0.029786	0.592144	-1.68878	0.362868	1.21122	1.21122	21.2642	14.1405	0.591101	1
cg24663845	SLC41A3	0.00836886	0.916113	1.03469	1.03469	0.755789	0.903962	-1.10624	0.137606	0.596018	-1.6778	0.768047	0.908722	-1.10045	0.000537557	0.175064	-5.71221	0.220472	1.51726	1.51726	0.00981366	2.87625	2.87625	0.0494391	0.48403	-2.06599	0.990138	0.996008	-1.00401	6.25466	10.3754	1.47451	1
cg20177385	SLC41A3	0.0147104	0.438848	0.781338	-1.27986	0.984493	0.993945	-1.00609	0.0376324	0.470659	-2.12468	0.604289	0.849268	-1.17748	0.000277628	0.155809	-6.4181	0.460642	0.790783	-1.26457	0.256981	1.44732	1.44732	0.155267	0.621725	-1.60843	0.328952	0.72989	-1.37007	5.21417	8.0646	1.37482	1
cg19951743	SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.00817	0.84484	0.983827	-1.01644	0.00169842	1.45217	1.45217	0.00418557	1.37614	1.37614	0.0844167	1.17216	1.17216	0.807752	1.02049	1.02049	0.0174206	1.27239	1.27239	0.123756	0.870469	-1.14881	0.0102106	1.30931	1.30931	0.133328	1.14425	1.14425	6.30228	0.691196	0.097488	1
cg10580335	SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.0153999	0.0307452	0.566399	-1.76554	0.00461819	2.32646	2.32646	0.1731	0.722699	-1.3837	0.257708	1.30291	1.30291	0.257295	0.767322	-1.30323	0.012408	0.497984	-2.0081	0.238853	0.758546	-1.31831	0.917009	1.02363	1.02363	0.0541288	0.612827	-1.63178	5.13577	4.08217	0.706534	1
cg15100992	SLC41A3;SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.00335322	0.184502	1.48441	1.48441	0.00117189	0.26268	-3.80691	0.273057	0.726055	-1.37731	0.945924	1.01922	1.01922	0.000199347	0.173235	-5.77251	0.131338	0.633085	-1.57957	0.194534	1.46982	1.46982	0.781967	0.925095	-1.08097	0.144848	0.644391	-1.55185	8.27916	10.3271	1.10877	1
cg16787091	SLC41A3;SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.00628172	0.250122	1.37415	1.37415	0.0224716	0.485294	-2.06061	0.0574325	0.566475	-1.7653	0.145332	1.51217	1.51217	0.804521	1.06778	1.06778	0.976976	1.00766	1.00766	0.000256062	0.20346	-4.91498	0.191656	1.44132	1.44132	0.348684	0.7748	-1.29066	6.84142	7.57812	0.984606	1
cg08692478	SLC41A3;SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.0322625	0.455307	1.1408	1.1408	0.107272	0.737473	-1.35598	0.168745	0.775675	-1.2892	0.237841	0.807193	-1.23886	0.561772	1.10697	1.10697	0.40016	1.16089	1.16089	0.00146549	2.21598	2.21598	0.536799	0.897319	-1.11443	0.513486	0.891554	-1.12164	3.98221	1.89254	0.422444	1
cg24178778	SLC41A3;SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.040181	0.0103404	0.307998	-3.24678	0.160777	0.579177	-1.72659	0.0521039	0.446866	-2.23781	0.319856	0.687462	-1.45463	0.0518402	0.446353	-2.24038	0.0270293	0.385035	-2.59717	0.00403155	0.244579	-4.08865	0.326658	0.691303	-1.44654	0.238082	0.637291	-1.56914	3.67702	7.73997	1.87108	1
cg17057783	SLC43A1	0.000482056	0.00112779	0.56614	-1.76635	0.000923496	1.79925	1.79925	0.0195524	1.39783	1.39783	0.0875717	0.799439	-1.25088	0.306307	0.881863	-1.13396	0.000583655	0.532016	-1.87964	0.00799192	1.49707	1.49707	0.724664	1.04287	1.04287	0.0116375	1.454	1.454	14.4361	3.22125	0.198346	1
cg25284762	SLC43A1	0.00444821	0.202732	0.758606	-1.31821	0.0013738	2.59532	2.59532	0.455775	1.16889	1.16889	0.0073138	2.035	2.035	0.0135489	0.533806	-1.87334	0.838856	1.04272	1.04272	0.100578	0.691056	-1.44706	0.00867019	1.98846	1.98846	0.314216	1.23841	1.23841	7.60437	5.08329	0.594195	1
cg05375277	SLC43A1	0.00699828	0.0657793	2.4327	2.4327	0.0424832	0.365693	-2.73454	0.853997	0.923744	-1.08255	0.158037	1.91533	1.91533	0.00313098	0.175614	-5.69432	0.00202565	0.153452	-6.51669	0.104332	0.465549	-2.148	0.0180394	0.290266	-3.44511	0.327627	0.647193	-1.54514	6.61563	19.4267	2.6102	1
cg24733435	SLC43A1	0.00977475	0.0289313	0.636712	-1.57057	0.311254	1.20158	1.20158	0.00816945	0.552481	-1.81002	0.298453	0.827858	-1.20794	0.00816449	0.552442	-1.81014	0.00534299	0.525609	-1.90255	0.0315907	1.55553	1.55553	0.999849	0.999967	-1.00003	0.301813	0.82902	-1.20624	5.95381	2.89721	0.432546	1
cg02680086	SLC43A1	0.016742	0.015848	3.36432	3.36432	0.0586334	2.40368	2.40368	0.132098	1.94888	1.94888	0.00820885	4.00849	4.00849	0.824662	0.912927	-1.09538	0.0301778	0.351148	-2.8478	0.0347414	2.74699	2.74699	0.561284	1.27272	1.27272	0.024766	2.99614	2.99614	4.99495	13.3343	2.37293	1
cg23075364	SLC43A1	0.0235303	0.190371	1.41012	1.41012	0.0872935	0.626348	-1.59656	0.0231878	1.95937	1.95937	0.0260355	1.92439	1.92439	0.121514	0.659666	-1.51592	0.990453	1.00297	1.00297	0.970373	0.990838	-1.00925	0.0135753	0.46912	-2.13165	0.181872	1.42074	1.42074	4.44972	4.32821	0.864615	1
cg02037518	SLC43A1	0.0310489	?	?	?	0.842788	1.06829	1.06829	0.0132427	0.265944	-3.76019	0.393395	1.34765	1.34765	?	?	?	0.894053	0.956675	-1.04529	?	?	?	0.00959203	0.233428	-4.28398	?	?	?	8.27546	6.99645	0.676356	1
cg27315497	SLC43A1	0.0413963	0.079512	0.468982	-2.13228	0.110574	0.508427	-1.96685	0.592017	0.810212	-1.23425	0.314284	1.49907	1.49907	0.0104893	0.285621	-3.50114	0.0759093	0.463725	-2.15645	0.0110154	0.28918	-3.45806	0.0273323	0.362123	-2.76149	0.301825	0.659576	-1.51613	3.63678	8.71746	2.13069	1
cg17559156	SLC43A1	0.0443165	0.0235671	0.129076	-7.74736	0.0819883	0.232427	-4.30242	0.101318	0.257065	-3.89007	0.180484	0.340685	-2.93526	0.0111425	0.0898939	-11.1242	0.100128	0.255616	-3.91211	0.00963974	0.0836915	-11.9487	0.0571961	0.196106	-5.0993	0.0400613	0.165871	-6.02878	3.54577	32.1956	8.07112	1
cg26418434	SLC43A1	0.0457353	0.0303637	4.49868	4.49868	0.157535	2.4423	2.4423	?	?	?	0.0154335	5.78871	5.78871	0.260805	1.99953	1.99953	0.0753002	0.310363	-3.22204	0.513663	1.47896	1.47896	0.638551	1.3225	1.3225	0.033059	4.3599	4.3599	3.55724	17.4807	4.91412	1
cg12564034	SLC43A2	1.23E-05	5.39E-06	0.315901	-3.16555	0.0241524	0.740188	-1.35101	0.0871799	1.23534	1.23534	0.322679	1.1211	1.1211	2.36E-06	0.276575	-3.61566	0.0818395	1.24083	1.24083	0.000108417	2.1455	2.1455	0.564701	1.06731	1.06731	0.103407	0.81929	-1.22057	38.4614	7.6277	0.176285	1
cg02238950	SLC43A2	2.47E-05	0.000112279	0.763782	-1.30927	0.000143168	0.770881	-1.29722	0.00793346	0.873583	-1.14471	0.270038	0.955428	-1.04665	0.495334	0.972888	-1.02787	0.167098	1.06022	1.06022	2.24E-06	1.58279	1.58279	0.0315199	0.904728	-1.1053	0.228661	1.05144	1.05144	32.0349	0.799638	0.022188	1
cg24466448	SLC43A2	0.000398086	0.011314	0.781679	-1.2793	0.0493977	1.19023	1.19023	0.0731834	1.16785	1.16785	0.0185739	0.801201	-1.24813	0.0876772	0.863822	-1.15765	0.198645	0.899886	-1.11125	3.03E-05	1.88366	1.88366	0.0452588	0.836633	-1.19527	0.00757314	0.765855	-1.30573	15.2203	1.45368	0.0848968	1
cg12025027	SLC43A2	0.00179068	6.58E-05	0.274825	-3.63868	0.955499	1.00989	1.00989	0.226472	0.799302	-1.25109	0.0773324	1.41395	1.41395	0.159311	1.30384	1.30384	0.224889	1.25215	1.25215	0.0059235	0.529958	-1.88694	0.499683	0.886155	-1.12847	0.196368	1.27249	1.27249	9.95676	4.90674	0.438049	1
cg14401583	SLC43A2	0.0027584	0.85397	1.02829	1.02829	6.04E-05	0.32557	-3.07153	0.0161418	0.640357	-1.56163	0.116142	0.772148	-1.29509	0.0205381	0.655345	-1.52591	0.424699	0.883858	-1.1314	0.1292	1.28181	1.28181	0.89452	1.02029	1.02029	0.672117	0.937565	-1.06659	8.77373	3.18663	0.322846	1
cg02703843	SLC43A2	0.00474715	0.0668595	1.31387	1.31387	0.0765826	0.76972	-1.29917	0.00128278	0.53594	-1.86588	0.00887756	1.55657	1.55657	0.334711	0.876174	-1.14133	0.14656	1.23004	1.23004	0.36162	1.1327	1.1327	0.292406	0.864901	-1.1562	0.0106309	1.53238	1.53238	7.4556	2.08467	0.248544	1
cg23691006	SLC43A2	0.0104114	0.00673708	0.20083	-4.97933	0.00270708	0.150594	-6.64037	0.586813	0.778224	-1.28498	0.0669534	0.391266	-2.5558	0.00257043	0.148061	-6.75396	0.0609358	0.380929	-2.62516	0.0123549	0.240916	-4.15082	0.0158192	0.259026	-3.86062	0.126382	0.469729	-2.12889	5.83478	19.2947	2.93941	1
cg00691874	SLC43A2	0.0113329	0.770477	1.1535	1.1535	0.00229837	8.00375	8.00375	0.234718	1.83674	1.83674	0.625282	1.27158	1.27158	0.170586	0.490502	-2.03873	0.197167	0.514012	-1.94548	0.00605251	0.173777	-5.75451	0.0285208	3.53076	3.53076	0.947943	1.03239	1.03239	5.67765	21.4257	3.35439	1
cg11076954	SLC43A2	0.0157526	0.631935	1.14279	1.14279	0.57591	1.16917	1.16917	0.406165	1.26494	1.26494	0.0571929	1.81314	1.81314	0.0201266	2.17129	2.17129	0.933065	1.0235	1.0235	0.00117873	3.72916	3.72916	0.00408545	2.90304	2.90304	0.047065	1.87486	1.87486	5.09733	6.17503	1.07682	1
cg26591144	SLC43A2	0.0252589	0.527558	1.127	1.127	0.0188165	0.587677	-1.70162	0.018994	0.58833	-1.69973	0.263924	1.24298	1.24298	0.206615	0.779735	-1.28249	0.0687245	0.683492	-1.46307	0.00303038	0.468195	-2.13586	0.214698	0.78351	-1.27631	0.204419	0.778691	-1.28421	4.34164	2.39898	0.491157	1
cg04196298	SLC43A2	0.0252748	0.0327137	0.303026	-3.30004	0.28626	1.69746	1.69746	0.296547	1.67723	1.67723	0.519253	0.731851	-1.3664	0.0418047	0.325938	-3.06807	0.239634	1.801	1.801	0.00419248	0.159982	-6.25071	0.141968	2.12632	2.12632	0.25145	0.564118	-1.77268	4.34069	15.695	3.21403	1
cg10754697	SLC43A2	0.0303597	0.363967	0.887675	-1.12654	0.771829	1.03783	1.03783	0.260734	1.16161	1.16161	0.748714	0.959784	-1.0419	0.0654474	1.30224	1.30224	0.311903	1.14294	1.14294	0.00107443	1.85321	1.85321	0.18113	0.834163	-1.19881	0.751615	0.960258	-1.04139	4.06956	1.0513	0.22963	1
cg17172593	SLC43A2	0.0488259	0.0537401	0.393541	-2.54103	0.195606	0.558356	-1.79097	0.656956	0.826698	-1.20963	0.326078	0.649394	-1.5399	0.0417089	0.368034	-2.71714	0.166506	0.533606	-1.87404	0.00441177	0.198266	-5.04373	0.012577	0.266776	-3.74847	0.0824111	0.440801	-2.2686	3.41883	9.81607	2.55216	1
cg25157604	SLC43A3;SLC43A3;SLC43A3	0.0144852	0.11455	0.880451	-1.13578	0.0520719	0.848798	-1.17814	0.00716672	0.772939	-1.29376	0.0220737	1.22586	1.22586	0.175125	0.898549	-1.1129	0.119978	0.882379	-1.1333	0.0204108	1.23036	1.23036	0.407843	0.939126	-1.06482	0.192935	0.902836	-1.10762	5.24078	0.456775	0.0774736	1
cg23966547	SLC43A3;SLC43A3;SLC43A3	0.0246259	0.0179576	0.223808	-4.46812	0.0578258	0.327418	-3.0542	0.314673	0.582006	-1.71819	0.241822	0.528475	-1.89224	0.00205716	0.104329	-9.58506	0.0391214	0.288557	-3.46552	0.747185	1.18338	1.18338	0.99787	1.00139	1.00139	0.0166031	0.218074	-4.58559	4.38013	18.8	3.81521	1
cg00522883	SLC43A3;SLC43A3;SLC43A3	0.0321652	0.0114475	0.123728	-8.08224	0.208293	0.41641	-2.40148	0.155573	2.72784	2.72784	0.142545	2.83194	2.83194	0.0110489	0.121863	-8.20591	0.277648	0.474454	-2.10768	0.130692	0.340322	-2.9384	0.675447	1.3206	1.3206	0.076265	0.271831	-3.67876	3.98652	27.5367	6.13995	1
cg19167683	SLC43A3;SLC43A3;SLC43A3;SLC43A3	1.00E-04	0.821331	0.938267	-1.06579	0.392916	0.781494	-1.2796	0.000151709	6.24072	6.24072	1.00E-05	14.4417	14.4417	0.730533	0.907197	-1.1023	0.454663	1.23929	1.23929	0.222464	0.696858	-1.43501	4.38E-05	8.87603	8.87603	0.813453	1.06886	1.06886	22.1432	27.8307	1.1172	1
cg07067982	SLC43A3;SLC43A3;SLC43A3;SLC43A3	0.0215517	0.333635	0.520234	-1.92221	0.498723	0.637611	-1.56835	0.0454399	4.49751	4.49751	0.00452089	11.9338	11.9338	0.384237	0.557314	-1.79432	0.960011	0.967677	-1.0334	0.1157	0.326112	-3.06643	0.010207	8.35073	8.35073	0.441186	0.5977	-1.67308	4.58619	31.1898	6.04517	1
cg07326438	SLC43A3;SLC43A3;SLC43A3;SLC43A3	0.0330415	0.608718	0.551112	-1.81451	0.690219	1.58774	1.58774	0.00984594	43.1499	43.1499	0.00624897	61.0895	61.0895	0.15392	0.171779	-5.82144	0.466598	2.35121	2.35121	0.90388	0.869868	-1.1496	0.0262023	20.9802	20.9802	0.756216	0.698114	-1.43243	3.94827	83.2735	18.7477	1
cg19287114	SLC44A1	0.0054523	0.00277835	0.618808	-1.61601	0.205781	1.16803	1.16803	0.123048	1.2146	1.2146	0.976826	1.00339	1.00339	0.202879	1.16933	1.16933	0.383332	0.901202	-1.10963	0.000501665	0.530867	-1.88371	0.279529	1.13976	1.13976	0.550679	1.07278	1.07278	7.14664	1.53267	0.190631	1
cg13603332	SLC44A1	0.0481478	0.0317766	0.206514	-4.84229	0.0106309	0.13356	-7.48726	0.0414436	0.229052	-4.36583	0.435954	0.607676	-1.64561	0.0120461	0.140521	-7.11639	0.122764	0.350643	-2.8519	0.0791653	0.294783	-3.39232	0.927305	0.944414	-1.05886	0.0555161	0.256653	-3.89632	3.43697	21.3805	5.52955	1
cg17727855	SLC44A1;SLC44A1	0.0152932	0.906199	1.0116	1.0116	0.00879231	0.721445	-1.38611	0.0717681	0.82142	-1.2174	0.0682946	0.818938	-1.22109	0.0113737	0.733412	-1.36349	0.334044	0.907105	-1.10241	0.000780119	0.608166	-1.64429	0.31989	0.904311	-1.10581	0.28076	0.896095	-1.11595	5.14761	0.780681	0.134808	1
cg05567294	SLC44A2	0.00799392	0.0235065	0.572223	-1.74757	0.958002	0.989193	-1.01092	0.0114359	1.92129	1.92129	0.010014	0.51129	-1.95584	0.215764	0.764292	-1.3084	0.0987044	0.688274	-1.45291	0.0106127	1.94062	1.94062	0.0281766	0.585792	-1.70709	0.896256	0.973443	-1.02728	6.34567	4.27839	0.599308	1
cg12156831	SLC44A2	0.0242709	0.452021	0.854349	-1.17048	0.0419476	0.617796	-1.61866	0.455108	0.8553	-1.16918	0.713677	0.927082	-1.07865	0.00166128	0.396763	-2.5204	0.0646665	0.652885	-1.53166	0.722256	1.07608	1.07608	0.619678	1.10826	1.10826	0.0486721	1.58824	1.58824	4.40224	2.94294	0.59423	1
cg23083665	SLC44A2;SLC44A2	8.65E-07	5.06E-08	0.190987	-5.23595	0.528187	1.05771	1.05771	0.107391	1.1668	1.1668	0.324389	0.914531	-1.09346	0.00114551	0.657235	-1.52152	1.81E-07	0.244864	-4.08389	0.00839824	1.34388	1.34388	0.885934	0.987478	-1.01268	0.113985	0.859893	-1.16294	76.0987	9.28847	0.108496	1
cg12282124	SLC44A2;SLC44A2	0.0052018	0.806831	1.02966	1.02966	0.050119	0.766063	-1.30538	0.0712992	0.786361	-1.27168	0.809622	1.02921	1.02921	7.74E-05	0.425785	-2.3486	0.556484	0.931496	-1.07354	0.952983	0.99299	-1.00706	0.567108	1.07146	1.07146	0.103859	0.808815	-1.23638	7.25038	1.6346	0.2004	1
cg13348905	SLC44A2;SLC44A2	0.00758968	0.193596	1.29677	1.29677	0.101488	1.40318	1.40318	0.0518266	0.658333	-1.51899	0.0994472	1.40658	1.40658	0.0135118	0.561259	-1.78171	0.108743	0.718574	-1.39165	0.00282125	2.17528	2.17528	0.0325253	1.60441	1.60441	0.345469	0.832299	-1.20149	6.44994	3.64598	0.502466	1
cg21663431	SLC44A2;SLC44A2	0.0122753	0.0142209	3.6533	3.6533	0.0105	3.97326	3.97326	0.0185212	3.39903	3.39903	0.0426049	2.71848	2.71848	0.882797	1.06524	1.06524	0.0118143	0.260073	-3.84507	0.622728	1.23669	1.23669	0.583988	0.789077	-1.2673	0.0556558	2.53194	2.53194	5.53259	16.0811	2.58366	1
cg02426178	SLC44A2;SLC44A2	0.0362812	0.0836327	0.365349	-2.73711	0.512445	0.705138	-1.41816	0.648712	0.78569	-1.27277	0.0827028	2.74721	2.74721	0.0371116	0.280058	-3.57069	0.558976	1.36447	1.36447	0.0031772	0.120157	-8.32246	0.108297	0.397998	-2.51257	0.642702	0.782167	-1.2785	3.81703	16.7183	3.89327	1
cg14160422	SLC44A2;SLC44A2	0.0428676	0.269558	0.826102	-1.2105	0.00252843	2.00669	2.00669	0.444056	1.13842	1.13842	0.463986	0.883526	-1.13183	0.27588	0.82835	-1.20722	0.435721	0.876237	-1.14124	0.240562	0.815351	-1.22647	0.0715986	1.39688	1.39688	0.870908	1.02739	1.02739	3.58997	1.56944	0.388599	1
cg25595793	SLC44A2;SLC44A2	0.0486845	0.0170981	2.9152	2.9152	0.0879327	2.00013	2.00013	0.0134962	3.08208	3.08208	0.0226012	2.73186	2.73186	0.318042	1.46212	1.46212	0.609787	0.827396	-1.20861	0.266361	1.53156	1.53156	0.275075	1.51889	1.51889	0.0202162	2.80348	2.80348	3.42259	7.34444	1.90744	1
cg06561886	SLC44A2;SLC44A2;SLC44A2	0.0236453	0.06515	2.06504	2.06504	0.0179818	2.73674	2.73674	0.0213537	2.63452	2.63452	0.117204	1.81479	1.81479	0.479487	1.28628	1.28628	0.0152497	0.352212	-2.8392	0.268357	1.49744	1.49744	0.825686	0.92566	-1.08031	0.0339811	2.37932	2.37932	4.44223	8.62908	1.72668	1
cg17801055	SLC44A3;SLC44A3	0.000243471	0.681198	0.955475	-1.0466	4.78E-05	2.32616	2.32616	0.0246757	0.744568	-1.34306	0.0624711	1.26009	1.26009	0.190472	1.16517	1.16517	0.271874	0.881518	-1.13441	0.000238347	0.511236	-1.95604	0.00496187	0.663553	-1.50704	0.0111309	0.704062	-1.42033	17.4151	3.35311	0.171147	1
cg11490941	SLC44A3;SLC44A3	0.00125868	0.245794	0.769801	-1.29904	2.43E-05	6.12202	6.12202	0.0478745	1.62829	1.62829	0.703664	0.920934	-1.08585	0.0398801	0.599304	-1.6686	0.791359	0.944458	-1.05881	0.823799	1.04924	1.04924	0.074975	1.53326	1.53326	0.558885	0.880386	-1.13586	11.0204	8.10768	0.653951	1
cg09017894	SLC44A3;SLC44A3	0.00554885	0.901071	1.03861	1.03861	0.000217768	6.54342	6.54342	0.97747	0.991434	-1.00864	0.296974	1.39012	1.39012	0.0300844	0.459729	-2.1752	0.341942	1.34755	1.34755	0.0247106	0.442802	-2.25835	0.339434	1.34978	1.34978	0.446086	1.26693	1.26693	7.10823	10.4471	1.30642	1
cg20817062	SLC44A3;SLC44A3	0.00702879	0.00380614	3.91402	3.91402	0.00460821	3.73718	3.73718	0.0173229	2.75501	2.75501	0.090715	1.91868	1.91868	0.0415061	2.27483	2.27483	0.00848788	3.23723	3.23723	0.0016035	4.86688	4.86688	0.0079318	3.2883	3.2883	0.222744	1.56515	1.56515	6.60666	12.7918	1.72107	1
cg20059151	SLC44A3;SLC44A3	0.0255764	0.108203	2.57493	2.57493	0.00428736	7.85973	7.85973	0.0175001	4.76261	4.76261	0.487427	1.46341	1.46341	0.112793	2.53856	2.53856	0.0446156	3.47103	3.47103	0.00716334	6.51394	6.51394	0.0208291	4.48748	4.48748	0.0851693	2.79326	2.79326	4.32278	19.9419	4.10062	1
cg21412865	SLC44A3;SLC44A3	0.044173	0.998299	1.00025	1.00025	0.0439322	0.764001	-1.3089	0.157963	0.839033	-1.19185	0.0157264	0.708838	-1.41076	0.371069	1.11269	1.11269	0.15048	1.19623	1.19623	0.141239	1.20195	1.20195	0.14632	0.834195	-1.19876	0.120366	1.21637	1.21637	3.55006	0.759953	0.190282	1
cg09260072	SLC44A3;SLC44A3;SLC44A3	0.00401996	0.0504113	2.67775	2.67775	0.0207355	3.45938	3.45938	0.0135389	3.92882	3.92882	0.0786175	2.36128	2.36128	0.419284	1.43083	1.43083	0.118783	2.10019	2.10019	8.57E-05	29.1564	29.1564	0.00768884	4.68079	4.68079	0.0650364	2.49137	2.49137	9.1555	26.5765	2.25773	1
cg04314247	SLC44A3;SLC44A3;SLC44A3	0.0147356	0.0926495	1.36404	1.36404	0.00341438	1.94938	1.94938	0.00841139	1.75888	1.75888	0.0315046	1.52679	1.52679	0.519441	1.11579	1.11579	0.983353	1.00351	1.00351	0.0320483	1.52406	1.52406	0.00527305	1.85361	1.85361	0.0202181	1.59975	1.59975	5.21123	2.32316	0.396266	1
cg01347702	SLC44A4	1.19E-05	0.693433	0.946868	-1.05611	0.501536	1.09856	1.09856	0.362477	0.878993	-1.13767	9.91E-06	0.270344	-3.69899	4.36E-07	0.139205	-7.18365	0.283293	0.857601	-1.16604	0.0128222	1.53101	1.53101	0.00028377	0.441697	-2.26399	0.0618681	0.748446	-1.3361	38.7728	11.6604	0.267323	1
cg26138846	SLC44A4	0.000117098	0.000335052	0.352871	-2.8339	0.794394	0.954059	-1.04815	6.36E-05	0.265874	-3.76118	0.709337	1.06975	1.06975	3.37E-05	0.235271	-4.25042	0.000107031	0.292095	-3.42354	0.000498978	0.37504	-2.66638	0.12275	0.739986	-1.35138	0.00638606	0.527782	-1.89472	21.224	10.8996	0.456488	1
cg22882121	SLC44A4	0.000125757	0.00888775	0.432328	-2.31306	0.000348246	4.25693	4.25693	0.00534135	0.396826	-2.52	0.00335771	0.366026	-2.73205	2.01E-05	0.113821	-8.78569	0.187373	0.703325	-1.42182	0.000556463	0.259503	-3.85352	0.277265	1.32923	1.32923	0.0615704	0.58839	-1.69955	20.8215	20.9192	0.89306	1
cg07185041	SLC44A4	0.000570372	0.207127	0.790785	-1.26457	0.388176	1.16888	1.16888	0.000649549	0.397449	-2.51604	0.527261	0.893134	-1.11965	0.452657	0.873724	-1.14453	0.000100969	0.296432	-3.37346	6.28E-05	0.27245	-3.6704	0.0863558	0.715848	-1.39694	0.0808275	0.710633	-1.4072	13.7769	6.79272	0.438267	1
cg07601645	SLC44A4	0.000821326	0.00642071	0.526686	-1.89866	0.00130146	0.428729	-2.33248	5.87E-05	0.260361	-3.84083	0.0619426	0.683773	-1.46247	0.011085	0.562144	-1.7789	0.00726594	0.534618	-1.87049	0.0011317	0.420509	-2.37807	0.00115141	0.421521	-2.37236	0.0253693	0.6184	-1.61708	12.4396	6.44315	0.460404	1
cg25208582	SLC44A4	0.00107389	0.619457	0.957204	-1.04471	0.0470001	1.21972	1.21972	0.813255	0.979538	-1.02089	0.0124195	1.31237	1.31237	7.17E-05	0.531495	-1.88149	0.215878	1.12052	1.12052	0.0840636	1.18175	1.18175	0.494447	1.06249	1.06249	0.00415034	0.714828	-1.39894	11.5308	1.39391	0.107454	1
cg05841219	SLC44A4	0.00109568	0.708634	0.917086	-1.09041	0.043478	0.585459	-1.70806	3.49E-05	0.158099	-6.32514	0.638656	1.11522	1.11522	0.000581942	0.293329	-3.40914	0.0772935	0.635813	-1.57279	0.0211018	0.527558	-1.89553	0.441695	0.834532	-1.19828	0.0134375	0.493748	-2.02532	11.4651	9.65368	0.748449	1
cg07643404	SLC44A4	0.00119529	0.000537794	0.343108	-2.91453	0.0641373	1.51182	1.51182	0.757353	0.940286	-1.06351	0.785039	1.05582	1.05582	0.128197	0.721285	-1.38641	0.0821494	0.682062	-1.46614	5.81E-05	0.22752	-4.39522	0.829465	1.04379	1.04379	0.0673638	0.66548	-1.50268	11.1843	6.99205	0.555701	1
cg19955284	SLC44A4	0.00181468	0.21229	0.772736	-1.2941	0.0318704	1.63813	1.63813	0.203217	1.30159	1.30159	0.185421	1.31729	1.31729	6.23E-05	0.235067	-4.2541	0.260114	1.25925	1.25925	0.0323636	1.63506	1.63506	0.347633	1.20897	1.20897	0.437857	0.856159	-1.16801	9.91838	6.04946	0.542155	1
cg21618695	SLC44A4	0.00184319	0.00090936	0.39678	-2.52029	0.216173	1.27447	1.27447	0.0232352	0.603192	-1.65785	0.100576	0.715211	-1.39819	0.000111393	0.281877	-3.54765	0.037332	0.637431	-1.5688	0.00799456	0.530767	-1.88407	0.545243	0.892186	-1.12084	0.0389149	0.640506	-1.56127	9.87362	5.42994	0.488839	1
cg19117698	SLC44A4	0.00245679	0.00241615	0.447337	-2.23545	0.175766	1.31537	1.31537	0.599488	1.10616	1.10616	0.538481	1.1259	1.1259	0.113589	0.720494	-1.38794	0.0138485	0.560398	-1.78445	0.000113192	0.275009	-3.63624	0.808812	0.954893	-1.04724	0.111563	0.718927	-1.39096	9.07849	5.21292	0.510405	1
cg18949702	SLC44A4	0.00306013	0.000694165	0.395375	-2.52925	0.180604	0.775004	-1.29032	0.210805	1.26667	1.26667	0.976772	1.00523	1.00523	0.0011418	0.424178	-2.3575	0.0356853	0.645143	-1.55004	0.96037	0.991131	-1.00895	0.599531	0.909381	-1.09965	0.00117141	0.425678	-2.34919	8.50784	4.33111	0.452509	1
cg20544437	SLC44A4	0.00456528	0.386076	0.835516	-1.19686	0.0660697	0.659019	-1.51741	0.00752695	0.498788	-2.00486	0.258521	0.787861	-1.26926	0.0694435	0.663166	-1.50792	0.601085	1.11259	1.11259	0.000308925	3.26813	3.26813	0.476449	0.863788	-1.15769	0.257437	0.787396	-1.27001	7.54467	4.88759	0.575841	1
cg07363637	SLC44A4	0.00600362	0.689081	0.925163	-1.08089	0.00405161	2.1094	2.1094	0.426972	1.16984	1.16984	0.948419	0.987565	-1.01259	0.00224031	0.437061	-2.28801	0.1242	0.72472	-1.37984	0.00339856	2.16003	2.16003	0.468666	1.15326	1.15326	0.866795	0.968054	-1.033	6.93787	4.11013	0.526595	1
cg27257955	SLC44A4	0.00630418	0.00415036	0.236367	-4.23072	0.00274475	0.211936	-4.71841	0.157617	0.56712	-1.7633	0.997695	0.998916	-1.00108	0.00174913	0.187392	-5.33642	0.369165	0.707368	-1.41369	0.00192274	0.192374	-5.19822	0.861521	0.936563	-1.06773	0.209722	0.608827	-1.6425	6.83387	15.2497	1.98355	1
cg24732991	SLC44A4	0.00632803	0.0137744	0.669252	-1.4942	0.0358323	0.724631	-1.38001	0.158044	1.22026	1.22026	0.00418273	0.602838	-1.65882	0.000581433	0.495763	-2.01709	0.692183	0.948871	-1.05388	0.0634723	0.759391	-1.31684	0.940963	0.990279	-1.00982	0.0594073	0.75528	-1.32401	6.82588	1.88061	0.2449	1
cg22872508	SLC44A4	0.00733587	0.545039	0.801048	-1.24836	0.002987	0.228755	-4.37148	0.475105	1.30087	1.30087	0.00858687	0.297007	-3.36692	0.144716	0.567046	-1.76353	0.856308	1.06785	1.06785	0.0084709	0.296045	-3.37787	0.00882426	0.298945	-3.3451	0.00270006	0.222872	-4.48689	6.519	13.5419	1.84648	1
cg04489104	SLC44A4	0.00753704	0.0100614	0.552965	-1.80843	0.0321812	0.632777	-1.58034	0.0471917	0.660857	-1.51319	0.174661	0.768481	-1.30127	0.0120726	0.565034	-1.7698	0.370886	1.18246	1.18246	0.00120631	0.421138	-2.37452	0.0212109	0.603332	-1.65746	0.00553973	0.514365	-1.94414	6.46402	3.40595	0.468363	1
cg17012525	SLC44A4	0.00816103	0.00587316	0.386356	-2.58829	0.541651	0.849621	-1.177	0.00891656	0.415758	-2.40524	0.283799	0.745487	-1.3414	0.000779193	0.261133	-3.82949	0.424041	0.80625	-1.24031	0.00375755	0.356369	-2.80608	0.990193	1.00325	1.00325	0.0211804	0.623521	-1.60379	6.30446	6.94708	0.979944	1
cg13691744	SLC44A4	0.00891791	0.054194	0.444918	-2.2476	0.0834844	0.497628	-2.00952	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26472225	SLC44A4	0.00943957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07546508	SLC44A4	0.0106827	0.00248323	0.417123	-2.39737	0.630347	1.16008	1.16008	0.0432763	0.61669	-1.62156	0.0640899	0.648777	-1.54136	0.00137344	0.380876	-2.62553	0.15175	0.72664	-1.3762	0.00950868	0.505058	-1.97997	0.194514	0.751735	-1.33026	0.0605716	0.644057	-1.55266	5.78678	3.96256	0.606876	1

File: ESM_23 (Online Resource 23)

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Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weininger, Brian Rood, Suresh Mueggler, Roger J. Packer, Javad Nazarian

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| Probeset ID | UCSC_REFGENE_NAME | p-value(Test) | p-value(1047 vs. N) | Fold-Change(1047 vs. N) | p-value(105T vs. N) | Fold-Change(105T vs. N) | p-value(111T vs. N) | Fold-Change(111T vs. N) | p-value(112T vs. N) | Fold-Change(112T vs. N) | p-value(121T vs. N) | Fold-Change(121T vs. N) | p-value(1247 vs. N) | Fold-Change(1247 vs. N) | p-value(1253T vs. N) | Fold-Change(1253T vs. N) | p-value(1277 vs. N) | Fold-Change(1277 vs. N) | p-value(1283T vs. N) | Fold-Change(1283T vs. N) | p-value(1287 vs. N) | Fold-Change(1287 vs. N) | p-value(1293T vs. N) | Fold-Change(1293T vs. N) | p-value(1297 vs. N) | Fold-Change(1297 vs. N) | p-value(1303T vs. N) | Fold-Change(1303T vs. N) | p-value(1307 vs. N) | Fold-Change(1307 vs. N) | p-value(1313T vs. N) | Fold-Change(1313T vs. N) | p-value(1317 vs. N) | Fold-Change(1317 vs. N) | p-value(1327 vs. N) | Fold-Change(1327 vs. N) | p-value(1347 vs. N) | Fold-Change(1347 vs. N) | p-value(1347T vs. N) | Fold-Change(1347T vs. N) | p-value(1353T vs. N) | Fold-Change(1353T vs. N) | p-value(1357 vs. N) | Fold-Change(1357 vs. N) | p-value(1363T vs. N) | Fold-Change(1363T vs. N) | p-value(1367 vs. N) | Fold-Change(1367 vs. N) | p-value(1373T vs. N) | Fold-Change(1373T vs. N) | p-value(1377 vs. N) | Fold-Change(1377 vs. N) |

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Authors: Amanda M. Santiago, Madhuri Kambhampati, Kendall Snyder, Sridevi Valavalli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Mogge, Roger J. Packer, Javad Nazarian

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cg14436773	SLC4A4;SLC4A4;SLC4A4	0.00257495	0.0717676	1.43388	1.43388	0.00511518	0.515238	-1.94085	0.00933158	0.553705	-1.80602	0.746881	1.05977	1.05977	0.00267454	0.393771	-2.53955	0.383046	1.17476	1.17476	0.0130204	1.72397	1.72397	0.0102097	1.37664	1.37664	0.49251	0.882535	4.55729	0.452425	1
cg24748786	SLC4A4;SLC4A4;SLC4A4	0.0106724	0.0737069	0.502041	-1.99187	0.00424872	0.266463	-3.75287	0.0126317	0.342445	-2.92018	0.105755	0.54296	-1.84176	0.0341072	0.425426	-2.35059	0.0389535	0.437755	-2.28438	0.00119082	0.193565	-5.1662	0.889673	0.953161	-1.04914	0.0162229	0.361964	-2.7627	1.78857	10.9518	1.68175	1
cg19850370	SLC4A4;SLC4A4;SLC4A4	0.0111939	0.685653	0.920937	-1.08585	0.04713139	0.631402	-1.58378	0.156757	0.73597	-1.35875	0.0534023	0.641389	-1.55912	0.131094	1.3909	1.3909	0.0152219	1.82826	1.82826	0.00310121	1.26831	2.26831	0.141149	1.37758	1.37758	0.3383148	0.8188449	-1.22123	5.70032	3.69868	0.57676	1
cg26279786	SLC4A4;SLC4A4;SLC4A4	0.0192885	0.326108	0.834802	-1.22729	0.0131149	0.537166	-1.86109	0.154672	0.886287	-1.1283	0.716141	1.09766	1.09766	0.0144097	0.607608	1.6458	0.0961594	1.69175	1.44002	0.00078837	0.3588293	-2.78684	0.8642079	0.6599097	-1.52212	0.5004402	0.8726381	-1.14589	4.71835	3.0494	0.574476	1
cg14932645	SLC4A5	4.38E-05	0.239932	0.827857	-1.20794	0.105626	0.762311	-1.3118	1.43E-06	0.152225	-6.56924	0.741421	1.05215	1.05215	0.00036537	0.398716	2.50805	0.0198994	1.53956	1.53956	8.90E-05	0.340531	-2.93659	0.413131	0.879452	-1.13707	0.4995535	0.900116	-1.11097	27.57324	10.2931	0.331833	1
cg00945862	SLC4A5	0.000375178	0.153909	0.817636	-1.22304	0.187072	1.20229	1.20229	0.715126	0.785126	-1.50449	0.795172	0.966306	-1.03487	0.00970142	0.523827	1.90954	0.4059006	1.11854	1.11854	0.157956	1.22005	1.22005	0.382813	0.8887776	-1.12534	0.0115256	0.659487	-1.51633	15.4708	4.25292	0.244454	1
cg15845653	SLC4A5	0.00113006	0.6626886	0.847392	-1.18009	0.00970623	0.291037	-3.43599	0.128034	0.537556	-1.86027	0.0996597	0.407581	-2.4535	0.000262267	0.103988	-9.6165	0.0349361	0.394186	-2.53687	8.86E-05	0.0707398	-14.1363	0.5698339	0.805187	-1.24195	0.00470035	0.24235	-4.12627	10.895	24.5601	2.00378	1
cg17808746	SLC4A5	0.0223584	0.379593	0.888892	-1.12505	0.00979422	0.525147	-1.98584	0.0320502	0.539618	-1.88459	0.315834	1.224	1.224	0.0132817	1.81847	1.81847	0.127431	1.82167	1.82167	0.0013776	0.2445158	-4.08695	0.8536484	0.9424707	-1.06058	0.8309451	0.959069	-1.04268	4.52874	2.72451	0.534759	1
cg13459852	SLC4A5	0.0228311	0.411231	1.34907	1.34907	0.0342749	0.241097	0.131073	0.530513	1.88497	0.123883	0.540693	1.89448	0.0962761	0.282754	2.38454	0.419346	0.4240438	0.745761	-1.33768	0.0148862	0.343949	-2.9074	0.326077	0.14352	1.4352	0.786478	1.10159	1.10159	0.449626	0.94208	1.78757	1
cg20336730	SLC4A5;SLC4A5	0.0232382	0.197453	0.653499	-1.53022	0.129458	0.599577	-1.66784	0.000733399	0.2014331	-4.96442	0.0805214	0.545923	-1.83176	0.0197335	0.415096	-2.40908	0.2295557	0.674579	-1.48241	0.0154341	0.507685	-1.96972	0.91641	1.03332	1.03332	0.873725	0.95155	-1.05092	4.46895	6.90089	1.37261	1
cg02444497	SLC4A5	0.00188219	0.0133554	0.49501	-2.02048	0.0132274	0.15109	-3.15105	0.0158974	0.476092	-2.10079	0.885505	0.952524	-1.04988	0.0072394	0.429702	-2.32791	0.324934	0.797364	-1.25419	0.0389374	0.4764982	-2.09848	0.3916316	0.0032149	4.67984	0.0261082	0.468882	-2.13273	9.79865	12.795	1.15902	1
cg06798189	SLC4A7	0.0197081	0.0215178	0.609374	-1.64103	0.001882	0.453587	-2.20465	0.0300911	0.633821	-1.58028	0.660901	1.08023	1.08023	0.78129	1.0512	1.0512	0.0523133	1.88993	1.88993	-1.12368	0.103288	1.37665	0.0666957	0.69155	-1.44603	0.845165	0.965534	-1.0357	4.72811	2.40973	0.45303	1
cg05939655	SLC4A10;SLC4A10	0.000503113	0.0002023773	0.283619	-3.52586	0.0200268	0.094617	-1.69372	0.283762	0.708164	-1.25288	0.227679	0.663089	-1.50809	0.98E-05	0.241623	-4.13868	0.0043005	0.465754	-2.14705	0.000133557	0.293074	-3.88994	0.702141	0.92419	-1.08203	0.0039884	0.452176	-2.21153	14.2659	9.51112	0.593623	1
cg07563875	SLC4A10;SLC4A10	0.00302161	0.0177423	0.688548	-1.45233	0.00636979	0.631561	-1.58338	0.0277758	0.48022	-2.08256091	0.71839	-1.71839	0.201029	1.19099	1.19099	1.19099	0.345432	0.881821	-1.13402	0.2193	0.846033	-1.18199	0.5099111	0.617121	-1.09037	0.0037467	1.65954	1.65954	8.539993	2.26571	0.235829	1
cg07461014	SLC4A10;SLC4A10	0.00302493	0.00538254	0.280185	-3.56907	0.0752835	0.502767	-1.98899	0.0611446	0.680467	-1.20853	0.574184	1.21789	1.21789	0.00109087	0.18767	-5.3285	0.0662119	0.488441	-2.04855	0.000436879	0.145196	-6.88724	0.764657	0.903107	-1.10987	0.0031504	0.246326	-4.05967	8.53714	16.2996	1.69712	1
cg08759770	SLC4A10;SLC4A10	0.0058502	0.1660868	0.606657	-1.64843	0.0778399	0.901664	-1.10913	0.0116692	0.462548	-2.16194	0.197089	1.39619	1.39619	0.00720811	0.642548	1.5564	0.0312883	1.58258	1.58258	0.0132708	0.372866	-2.68193	0.617337	1.1312	1.1312	0.0285944	0.513465	-1.88159	0.99348	3.63546	0.841268	1
cg23055499	SLC4A10;SLC4A10	0.0119752	0.31548	0.770409	-1.29801	0.0518347	0.573467	-1.7438	0.283143	0.755596	-1.32346	0.258482	1.34487	1.34487	0.000429177	0.246478	-4.05715	0.0643107	0.593105	-1.68604	0.09953	0.635279	-1.57411	0.200841	1.40428	1.40428	0.132101	0.6646089	-1.50446	5.57724	5.57863	0.88911	1
cg21423475	SLC4A10;SLC4A10	0.0161216	0.270632	0.782308	-1.27832	0.3375	1.21572	1.21572	0.310652	0.588545	-1.6991	0.0110407	0.505439	-1.97848	0.0374383	0.596376	-1.67679	0.0396955	0.600637	-1.6649	0.315581	0.800826	-1.24671	0.161474	1.17911	1.17911	0.377324	0.6568877	-1.52236	1.82315	2.77422	0.649212	1
cg04983105	SLC4A10;SLC4A10;SLC4A8;SLC4A8	0.000344061	0.8052571	0.949339	-1.05939	0.4011659	1.22227	1.22227	0.311452	0.712457	1.25752	1.25752	0.758042	-1.31919	0.131246	1.46314	1.46314	0.0731564	1.42367	1.42367	0.0843551	-1.18546	0.0260901	0.542168	-1.84445	0.184635	1.31884	1.31884	0.0425161	1.68494	0.768032	1
cg03701001	SLC4A10;SLC4A8;SLC4A8;SLC4A8	0.0142653	0.203381	2.85883	2.85883	0.963907	1.03604	1.03604	0.850854	0.863063	-1.15866	0.790625	1.23144	1.23144	0.158568	0.307553	-3.25148	7	7	7	0.714717	0.75035	-1.33271	0.677484	0.720925	-1.38711	0.000303871	0.0101297	-98.7192	5.36798	46.2562	8.61707	1
cg08215811	SLC4A10	2.54E-05	0.1116-05	1.44762	1.44762	0.0035045206	0.208338	-1.22558	4.71E-05	0.19939	1.19939	0.409588	0.87005	1.14885	0.00218369	0.522826	-1.90803	0.91844	1.09139	1.09139	0.0022383	0.5238026	-1.90803	0.9192393	0.9122093	-1.09652	0.5314462	0.908386	-1.10085	11.6273	11.5826	0.323484	1
cg02481956	SLC4A10	0.000670089	0.000160249	0.320192	-3.12313	0.00790294	0.408337	-2.44896	0.898339	0.97768	-1.02283	0.152579	1.31073	1.31073	0.0434043	0.663896	-1.50626	0.0012552	0.307412	-3.25296	0.839739	0.5648853	-1.77041	0.53804	1.1164	1.1164	0.0700181	0.6992256	-1.43009	13.1876	6.53187	0.439058	1
cg07521929	SLC4A10	0.00238205	0.0111502	0.420237	-2.37966	0.0206848	0.196417	-2.54206	0.0492548	0.640758	-1.56098738	0.0568264	1.18321	1.18321	0.0458231	0.545031	-1.83476	0.0004735	0.180389	-5.54845	0.00118359	0.1536466	-6.50731	0.2883783	0.1362	1.1362	0.0268442	-2.14388	0.0107711	0.367805	-2.72383	0.84128	6.5008	1.35765	1
cg06660015	SLC4A9	0.00344491	0.00853661	7.99492	7.99492	0.000434235	31.3696	31.3696	0.0240672	5.29491	5.29491	0.461691	0.62867	-1.59066	0.862843	1.11306	1.11306	0.0678988	3.54897	3.54897	0.00140738	17.5355	17.5355	0.0120121	6.96379	6.96379	0.0176049	5.98367	5.98367	8.21269	49.9084	5.40176	1
cg18014856	SLC4A9	0.0213813	0.0302	1.64604	1.64604	0.0402855	1.58929	1.58929	0.00697321	2.74935	2.74935	0.0787957	1.46477	1.46477	0.264904	1.25509	1.25509	0.092669	1.43594	1.43594	0.4761777	1.15219	1.15219	0.127821	1.37859	1.37859	0.0304128	1.64663	1.64663	5.45866	2.78496	0.538313	1
cg09327378	SLC4A9	0.000986099	0.00154444	0.455832	-2.19403	0.0435126	0.862302	-1.15978	0.0270328	0.602548	-1.66002	0.0302509	1.25892	1.25892	0.0152668	0.632348	-1.58206	0.0312883	0.556208	-1.79822	0.0018868	0.4248557	-2.3535	0.7565096	1.1231	1.1231	0.0265944	0.515465	-1.81803	0.60593	5.62726	0.429351	1
cg20495476	SLC5A1	0.00127433	0.937308	1.0109	1.0109	0.000289823	0.442667	-2.25904	0.00232747	0.556456	-1.79709	0.326923	1.14973	1.14973	0.00232953	0.556505	-1.79693	0.148855	1.807802	-1.23793	0.00791914	1.59919	1.59919	0.0114909	0.646692	-1.54633	0.3116334	0.865622	-1.15524	10.9816	3.30556	0.267564	1
cg09673932	SLC5A1	0.00778882	0.0754531	0.583031	-1.83933	0.0127344	0.465503	-2.16962	0.0833204	0.647383	-1.54443	0.244357	1.21442	1.21442	0.0844073	0.594206	-1.68314	0.0299055	0.600637	-1.6649	0.315581	0.800826	-1.24671	0.161474	1.17911	1.17911	0.377324	0.6568877	-1.52236	1.82315	2.77422	0.649212	1
cg19277154	SLC5A1	0.0146928	0.0338208	0.523008	-1.91202	0.1247774	0.544443	-1.84	0.0344357	0.546595	-1.82952	0.573906	0.861906	-1.16022	0.0024885	0.333042	-3.00262	0.0598054	0.573779	-1.74283	0.00825473	0.143299	-6.97751	0.4482992	0.528872	1.8466	0.0144665	0.2984	-3.35046	0.6	-1.18111	5.21624	1.65194	0.963135	1
cg00505057	SLC5A1	0.0152193	0.319891	0.823135	-1.21487	0.248872	0.795938	-1.25638	0.0194428	0.585677	-1.70743	0.0170704	1.73432	1.73432	0.00952051	0.536914	-1.8625	0.754786	1.06113	1.06113	0.17423	1.31482	1.31482	0.0231884	1.67188	1.67188	0.9735553	0.9937742	-1.0063	5.15587	2.92804	0.504804	1
cg14395060	SLC5A1	0.0378887	0.1212166	0.759107	-1.31753	0.1703144	0.637456	-1.56856	0.0773871	0.759518	-1.31699	0.19939	1.09939	1.09939	0.4059588	0.879035	-1.13816	0.2132226	0.359185	-2.78404	0.0456961	0.2084838	-4.88195	0.8045062	0.9878617	-1.01315	0.0968858	0.309253	-3.2336	3.80855	0.21725	0.83905	1
cg01136380	SLC5A10;FAM83G;SLC5A10	0.00189815	0.196842	0.798202	-1.25282	0.343874	0.851238	-1.17476	0.960802	0.993396	-1.00665	0.520614	0.898019	-1.11356	0.00033799	0.385082	-2.59685	0.0102577	0.585979	-1.70654	0.00445865	0.7572	1.8712	0.00127207	0.460019	-2.17382	0.121662	0.757925	-1.31939	0.78969	4.23068	0.38414	1
cg27548595	SLC5A10;FAM83G;SLC5A10	0.0190844	0.0170007	0.607	-1.64706	0.0123123	0.224453	-2.67408	0.0405044	0.657	-1.52152	0.0209341	1.34734	1.34734	0.0079002	0.531483	-1.88139	0.0231516	0.539606	-1.85327	0.0013306	0.1139656	-8.77351	0.2027096	0.0226746	2.1552	0.0027132	0.070595	-14.1642	0.0011774	0.0027133	-368.63	1.00255	0.272	0.0963	1.00255
cg23370290	SLC5A10;FAM83G;SLC5A10	0.00524583	0.600044	0.939912	-1.06393	0.0283272	0.35418	1.35418	0.00164129	0.588745	-1.69565	0.158571	1.19306	1.19306	0.0485746	0.768059	-1.30198	0.0212836	0.723093	-1.38295	0.00849106	1.48214	1.48214	0.376961	0.8992555	-1.11203	0.341951	1.12152	1.12152	7.2317	5.57126	0.193132	1
cg01735398	SLC5A10;FAM83G;SLC5A10	0.021353	0.0270714	0.696618	0.696618	0.0932274	0.93376	0.933376	0.203135	2.70862	2.70862	0.089644	4.00526	4.00526	0.138947	3.25991	3.25991	0.0717978	4.44104	4.44104	0.0665256	2.28256	2.28256	0.0092696	11.6027	11.6027	0.0161678	8.816	8.816	6.40075	40.0863	7.74488	1
cg00508862	SLC5A10;FAM83G;SLC5A10	0.0140245	0.0228847	0.761504	0.761504	0.0965166	0.836136	0.836136	-1.26404	0.0622929	2.22674	0.0138705	4.37005	4.37005	0.0762258	2.82679	2.82679	0.0209721	4.04853	4.04853	0.0612036	2.02384	2.02384	0.0478	0.0603842	0.0910019	2.10519	0.0862118	0.56049	-1.17437	4.37002	8.8194	1.81283	1
cg00176835	SLC5A10;FAM83G;SLC5A10	0.0402924	0.223817	0.625711	-1.59818	0.00970525	0.301094	-3.32122	0.498421	0.777135	-1.28678	0.0109694	0.310042	-3.22537	0.0627186	0.463782	-2.15619	0.0111356	0.311155	-3.21383	0.609175	1.20826	1.20826	0.343064	0.69882	-1.43098	0.0889926	0.502492	-1.99008	3.67327	7.83063	1.89492	1
cg21313125	SLC5A10;FAM83G;SLC5A10	0.0457227	0.944322	0.978983	-1.02168	0.165729	0.757584	-1.32015	0.29435	0.810796	-1.2337	0.110433	1.10433	1.10433	0.0104464	0.488314	-2.0487	0.4112	1.15797	1.15797	0.0313196	1.5498	1.5498	0.0154844	1.31611	1.31611	0.0852433	1.08243	1.08243	1.68084	0.604	0.424864	1
cg00485390	SLC5A10;SLC5A10	9.06E-05	6.05E-05	0.39746	3.79346	0.000587859	0.384558	-2.60039	0.236259	0.799856	-1.25023	0.016224	1.69734	1.69734	0.0027304	0.503269	-3.02692	0.748297	1.05964	1.05964	0.0133449	0.303763	-3.29204	0.360708	1.18422	1.18422	0.2637	0.658921	1.08322	0.26797	11.6769	0.455848	1
cg17676831	SLC5A10;SLC5A10	0.000177221	0.2312206	1.37397	1.37397	0.323313	1.29522	1.29522	7.16E-06	0.0809376	-12.3552	0.806426	0.939644	-1.06423	0.00455245	0.383576	-2.60705	0.675263	0.89867	-1.11276	0.000165494	0.196402	-5.09161	0.241074	1.36505	1.36505	0.328123	1.2917	1.2917	18.9827	19.1313	0.905215	1
cg00972823	SLC5A10;SLC5A10	0.0156663	0.0109851	0.398451	-2.50999	0.0758443	0.2539	-3.93779	0.0473978	0.707942	-1.41293	0.0159318	0.620431	-1.61189	0.0024814	0.288314	-3.46833	0.284077	0.7261	-1.37727	0.0139601	0.3557	-2.81107	0.1794716	0.1389	1.1389	0.0138243	0.1884	-5.30817	0.4229765	1.1164	1.1164	0.0031357	0.385908	-2.59129	0.0123948	0.480046	0.0760303	1
cg22159015	SLC5A10;SLC5A10	0.00706832	0.887567	0.975589	-1.02502	0.0729495	0.4104	1.4104	0.0930632	0.727852	-1.37391	0.352247	0.842953	-1.18631	0.0014145	0.580172	1.72363	0.544338	1.11126	1.11126	0.336955	0.843493	-1.18555	0.0004306	0.073149	-2.69289	0.0324109	0.650118	-1.53818	6.59511	1.08745	0.416127	1
cg21495735	SLC5A10;SLC5A10	0.0562814	0.0562814	0.744264	-1.34357	0.0744549	0.41155	-2.42961	0.0459	0.645359	-1.54956	0.0733496	1.24255	1.24255	0.0302833	0.617406	-1.61926	0.0644397	0.801001	-1.2482	0.0228978	0.4644	-2.15372	0.0203	0.0019036	4.2933	0.0010983	0.004	-3.41082	0.0679509	0.772432	0.0	0.0	0.0	0.0
cg04658357	SLC5A10;SLC5A10	0.0142456	0.0782426	0.6790391	-12.652	0.0503629	0.190457	-5.25053	0.0221178	0.130037	-7.69012	0.0199732	0.123963	-8.0669	0.00575149	0.0678177	-14.7454	0.119733	0.285063	3.508	0.00383502	0.055157	-18.1301	0.316154	0.462788	-2.16082	0.0146411	0.107034	-9.34282	5.26965	46.1301	7.78125	1
cg01627492	SLC5A10;SLC5A10	0.0177926	0.0059819	0.3195615	-3.1301	0.0258443	0.606903	-1.64771	0.0242142	0.630875	-1.59125	0.412729	0.764531	-1.30819	0.0004905631	0.30327	-3.29739	0.570298	0.501381	1.9949	0.0003514	0.4929	-2.03	0.0412483	0.764418	-1.30819	0.492676	0.700793	1.44709	0.7	1.42857	0.28467	1
cg24209115	SLC5A10;SLC5A10	0.0200824	0.0250583	1.65164	1.65164	0.0872713	1.45582	1.45582	0.0388034	0.653208	-1.53066	0.0308133	1.33822	1.33822	0.0208328	0.527397	-1.89611	0.1390664	1.21227	1.21227	0.00208493	1.6883	1.6883	0.0621373	0.775774	-1.28904	0.067212	0.78037	-1.28144	4.09145	0.94715	0.205773	1
cg00208595	SLC5A10;SLC5A10;FAM83G	0.0071132	0.0077102	0.3167762	-3.15612	0.0163776	0.32302	-3.0956	0.0366746	0.6894347	-1.45031	0.0176402	0.4634	-2.15792	0.0001744	0.2157	-4.63734	0.1463244	0.4744096	0.5013861	1.9944	0.0001744	0.4029	-2.48195	0.0279812	0.6841485	-1.46129	0.0143861	-1.18797	0.5838093	0.96343	-1.03796	0.516361	0.6916662	0.06379951	1
cg17993296	SLC5A10;SLC5A10;FAM83G	0.00879492	0.265295	0.824129	-1.2134	0.0732392	0.76188	-1.39493	0.427009	1.14469	1.14469	0.323951	0.843888	-1.18499	0.00088602	0.434889	-2.29938	0.93136	1.01446	1.01446	0.00675968	1.79496	1.79496	0.0639018	0.7068802	-1.41482	0.187421	0.79232	-1.26212	6.15721	2.70723	0.390831	1
cg14893755	SLC5A10;SLC5A10;FAM83G	0.0285376	0.8209521	1.12664	1.12664	0.0240250144	0.123123	1.23453	0.0740408	0.645634	-1.54957	0.0255215	1.40552	1.40552	0.0001744	0.2164	-4.62107	0.1744	1.25364	1.25364	0.710162	0.823737	1.21696	0.3857309	0.9123363	-1.09605	0.00590785	0.648122	0.6478	1.54034	0.0472881	0.443934	0.18	2.38	3.89707	1
cg20758593	SLC5A10;SLC5A10;SLC5A10;SLC5A10	0.00406421	0.1500589	0.799765	-1.25051	0.0215058	0.821058	-1.21748	0.0744548	0.658894	-1.51782	0.2208826	0.674368	-1.48287	0.00166141	0.269271	-3.71373	0.2885227	0.752521	-1.32891	0.216142	0.6172088	-1.6202	0.9638811	0.986882	-1.01329	3.614489	4.86822	1.19708	1
cg09632029	SLC5A10;SLC5A10;SLC5A10;SLC5A10	0.000382336	0.79894	0.969771	-1.03117	5.13E-06	0.287486	-3.47843	0.944273	1.00844	1.00844	0.535814	1.07832	1.07832	0.132502	0.806664	-1.23967	0.585298	0.935884	-1.06851	0.0111991	1.45776	1.45776	0.131082	0.8219575	-1.21658	0.650584	0.9464	-1.05635	3.52515	0.203597	1
cg26870567	SLC5A11	0.00321017	0.0095689	0.396187	-2.52411	0.0855606	0.816956	-1.22449	0.0128887	0.451499	-2.21484	0.0406719	0.544033	-1.83812	0.0259487	0.6572	-1.52147	0.1484	0.5672836	1.7629	0.0259487	0.5008885	0.725201	-1.37893	0.00469684	0.170828	-5.85384	0.2683111	0.583438	-1.71987	0.0390523	0.325196	-3.07507	0.01064	21.0552	3.11376	1
cg00339605	SLC5A11	0.0141835	0.0148382	0.4882	-2.0648	0.1505097	0.591312	-1.69115	0.1619103	0.66893	-1.49449	0.3709931	1.36796	1.36796	0.0109114	0.5136115	1.9469	0.1210934	0.4734139	2.11328	0.0524629	0.2394937	-3.50955	0.0014739	0.2534854	-3.96063	0.1003145	0.540997	-1.84844	5.70304	10.1663	1.63729	1
cg04399565	SLC5A11	0.0133395	0.0035533	0.205311	-4.87066	0.159968	1.81402	1.81402	0.0380003	0.885132	-2.59651	0.252397	0.62236	-1.60679	0.00693444	0.250102	-3.99837	0.2018986	0.320688	-3.11829	0.104051	0.494122	-2.0238	0.467851	1.34046	1.34046	0.0449634	0.40143	-2.49131	0.5845586	13.4182	2.21509	1
cg04228538	SLC5A11	0.0225784	0.955915	1.01961	1.01961	0.878054	-1.05542	1.05542	0.000639357	0.158569	-6.36042	0.960782	1.01742	1.01742	0.0219805	0.380881	-2.62549	0.1190664	1.21227	1.21227	0.00208493	1.6883	1.6883	0.0621373	0.775774	-1.28904	0.067212	0.78037	-1.28144	4.09145	0.94715	0.205773	1
cg20593243	SLC5A12;SLC5A12	0.0411836	0.1717492	1.43443	1.43443	0.0051151	0.515238	-1.94085	0.00933158	0.553705	-1.80602	0.746881	1.05977	1.05977	0.00267454	0.393771	-2.53955	0.383046	1.17476	1.17476	0.0130204	1.72397	1.72397	0.0102097	1.37664	1.37664	0.49251	0.882535	4.55729	0.452425	1
cg03604322	SLC5A1;SLC5A1	0.000603634	0.900812	1.03466	1.03466	0.0021622	1.25656	1.25656	0.00442009	0.354136	-2.82378	0.0317615	1.98932	1.98932	0.00154435	0.288133	-3.47062	0.184186	0.680512	-1.46948	0.00680524	0.242206	-4.13121	0.00534423	2.72533	2.72533	0.139013	0.647191	-1.54514	3.5161	16.0351	1.05106	1
cg09547246	SLC5A1;SLC5A1	0.000973783	0.8760663	1.03466	1.03466	0.0021622	1.25656	1.25656	0.00442009	0.354136	-2.82378	0.0317615	1.98932	1.98932	0.00154435	0.288133	-3.47062	0.1570844	0.6426313	1.9931	0.0014247	0.2288012	-4.37111	1.59861	1.59861	0.2705	2.77364	0.2772	2.77364	0.0012	0.2705	0.0	0.0	0.0	0.0
cg03962522	SLC5A1;SLC5A1	0.00106388	0.107251	1.28495	1.28495	0.0708792	1.33349	1.33349	0.0194706	0.66846	-1.49598	0.106431	1.28584	1.28584	0.333416	1.1529	1.1529	0.0010319	1.00039	1.00039	0.000128689	2.58377	2.58377	0.00148095	1.92311	1.92311	0.0171144	1.51353	1.51353	11.5615	3.72404	0.286317	1
cg13473336	SLC5A2	0.00167672	0.00773732	0.387053	-2.58362	0.0292458	0.20953	0.20953	0.956688	1.01518	0.101518	0.726726	0.907237	-1.10225	0.934093	0.977313	-1.02321	0.0449501

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22505395	SLC6A13	0.000132743	0.469747	1.10555	1.10555	1.93E-05	3.26538	3.26538	0.507605	0.912366	-1.09605	0.000140045	0.407725	-2.45264	0.0611121	0.749809	-1.33367
cg20958098	SLC6A13	0.00219761	0.410296	0.812398	-1.23092	0.244084	0.740293	-1.35082	0.000317108	0.237126	-4.21717	0.705649	0.910619	-1.09815	0.00601362	0.412432	-2.42464
cg23176632	SLC6A13	0.00790831	0.386236	0.869765	-1.14974	0.0424491	1.44351	1.44351	0.219773	0.816522	-1.22471	0.0113561	0.607817	-1.64523	0.973649	0.994825	-1.0052
cg02523679	SLC6A13	0.0119401	0.0123936	0.425714	-2.34899	0.162278	0.664101	-1.5058	0.00277496	0.322457	-3.10119	0.0737546	0.578775	-1.72779	0.00817351	0.395125	-2.53084
cg21426686	SLC6A13	0.0127937	0.0714206	0.753193	-1.32768	0.125486	1.26293	1.26293	0.0142315	0.653314	-1.53066	0.285258	0.855346	-1.16912	0.00100333	0.502827	-1.98875
cg17384865	SLC6A13	0.0233064	0.494439	0.897132	-1.11466	0.2892	0.841876	-1.18782	0.000785548	0.451931	-2.21273	0.778494	1.04511	1.04511	0.153509	0.787342	-1.2701
cg10990357	SLC6A14	2.15E-05	1.02E-06	0.0618263	-16.1743	8.81E-05	0.217304	-4.60186	0.00634809	0.462133	-2.16388	0.33959	0.807482	-1.23842	5.62E-05	0.19668	-5.0844
cg08975046	SLC6A14	0.0071508	0.000252373	0.058706	-17.034	0.984705	0.991033	-1.00905	0.583444	0.770884	-1.29721	0.0307521	0.303535	-3.29452	0.00910971	0.210802	-4.74379
cg16857852	SLC6A14	0.0148458	0.000445441	0.06871	-14.5539	0.653494	0.803831	-1.24404	0.217003	0.53381	-1.87332	0.098543	0.416672	-2.39997	0.0104972	0.210912	-4.74132
cg02772823	SLC6A14	0.0232989	0.00207972	0.159164	-6.28282	0.060206	0.407017	-2.4569	0.697666	0.847428	-1.18004	0.26154	0.608642	-1.643	0.00585124	0.216534	-4.61822
cg15659974	SLC6A14	0.0412961	0.0123734	0.194832	-5.13262	0.0637465	0.334633	-2.98835	0.0993886	0.38723	-2.58244	0.134092	0.428001	-2.33644	0.00445991	0.13638	-7.33243
cg19933709	SLC6A14;SLC6A14	0.0115626	0.00033875	0.134349	-7.44332	0.598127	0.831205	-1.20307	0.991967	0.996507	-1.00351	0.113395	0.549478	-1.81991	0.0621129	0.481903	-2.07511
cg04394707	SLC6A15;SLC6A15;SLC6A15	0.000349526	0.00719373	1.46008	1.46008	6.09E-05	0.445924	-2.24253	0.000481541	0.550237	-1.8174	0.165434	0.850954	-1.17515	0.0129058	1.40039	1.40039
cg21068269	SLC6A15;SLC6A15;SLC6A15	0.00200635	0.0960744	1.2515	1.2515	0.229501	1.1674	1.1674	0.0506556	1.31438	1.31438	0.0116216	1.47287	1.47287	0.968759	0.995204	-1.00482
cg08254307	SLC6A15;SLC6A15;SLC6A15	0.00244584	0.000274169	0.726307	-1.37683	0.23162	0.934901	-1.06963	0.32171	1.05646	1.05646	0.99182	0.99945	-1.00055	0.0209968	0.861591	-1.16064
cg19686001	SLC6A15;SLC6A15;SLC6A15	0.0114385	0.18207	0.796067	-1.25618	0.0372056	1.47621	1.47621	0.208322	1.23813	1.23813	0.303689	0.842362	-1.18714	0.176477	0.793429	-1.26035
cg00154888	SLC6A15;SLC6A15;SLC6A15	0.0144937	0.428674	0.814384	-1.22792	0.964924	1.01124	1.01124	0.345111	1.28031	1.28031	0.101828	0.634385	-1.57633	0.193441	0.704903	-1.41863
cg03064067	SLC6A15;SLC6A15;SLC6A15	0.026218	0.698551	0.869182	-1.15051	0.0223427	0.372982	-2.68109	0.416016	1.34917	1.34917	0.0675443	0.478133	-2.09147	0.271914	0.662311	-1.50986
cg11409659	SLC6A15;SLC6A15;SLC6A15	0.0264144	0.71652	0.779751	-1.28246	?	?	?	0.447529	0.589014	-1.69775	0.134762	0.328838	-3.04101	0.42672	0.57404	-1.74204
cg26665224	SLC6A15;SLC6A15;SLC6A15	0.0292214	0.203567	0.653469	-1.53029	0.268336	0.693836	-1.44126	0.158265	1.61317	1.61317	0.518058	0.812414	-1.2309	0.275694	0.698023	-1.43262
cg24504601	SLC6A15;SLC6A15;SLC6A15	0.0296825	0.345596	1.32164	1.32164	0.438423	0.796996	-1.25471	0.00258353	3.31708	3.31708	0.453926	1.24485	1.24485	0.926351	1.0269	1.0269
cg09892273	SLC6A15;SLC6A15;SLC6A15	0.0374939	0.0150432	0.248769	-4.01979	0.0431624	2.95364	2.95364	0.454385	0.701334	-1.42585	0.537385	0.747706	-1.33742	0.0043637	0.169857	-5.88732
cg19021466	SLC6A15;SLC6A15;SLC6A15	0.0469628	?	?	?	0.325852	1.76421	1.76421	0.199515	2.13516	2.13516	0.307654	1.80571	1.80571	0.0030954	0.103809	-9.6331
cg19952303	SLC6A15;SLC6A15;SLC6A15;SLC6A15;SLC6A15;SLC6A15	0.0176565	0.973043	1.01303	1.01303	0.0874347	0.48526	-2.06075	0.902946	0.954326	-1.04786	0.261085	1.56699	1.56699	0.871284	0.93975	-1.06411
cg14449051	SLC6A15;SLC6A15;SLC6A15;SLC6A15;SLC6A15;SLC6A15	0.0273784	0.20674	1.20152	1.20152	0.726839	0.952797	-1.04954	0.353964	0.876795	-1.14052	0.0068148	1.62142	1.62142	0.0029088	1.75795	1.75795
cg06237487	SLC6A16	1.95E-05	0.266536	0.821433	-1.21738	5.25E-05	0.276907	-3.61132	0.000143722	0.328523	-3.04393	0.4716	1.1325	1.1325	7.75E-07	0.10469	-9.55205
cg14536433	SLC6A16	0.000116612	0.255733	0.719978	-1.38893	0.0163533	0.443644	-2.25406	4.26E-05	0.115949	-8.62451	0.00140506	0.277836	-3.59925	8.30E-06	0.0677433	-14.7616
cg10186564	SLC6A16	0.000224286	0.650102	0.854757	-1.16992	0.00904316	0.319737	-3.12757	0.00235847	0.23273	-4.29683	0.623361	0.84358	-1.18542	9.66E-05	0.0922489	-10.8402
cg00041047	SLC6A16	0.0024855	0.788217	1.09798	1.09798	0.000880649	0.177108	-5.64626	0.0435079	0.446664	-2.23882	0.0308166	0.414594	-2.412	0.0508362	0.461907	-2.16494
cg24188017	SLC6A16	0.00534872	0.0120061	0.355447	-2.81336	0.007492	0.320981	-3.11545	0.0873039	0.536234	-1.86486	0.289895	0.695849	-1.43709	0.00421481	0.282241	-3.54307
cg07969045	SLC6A16	0.0101007	0.476677	0.829	-1.20627	0.999532	0.999848	-1.00015	0.0815624	0.606358	-1.64919	0.772634	1.07797	1.07797	0.385797	0.7942	-1.25913
cg13373371	SLC6A16	0.0131025	0.493121	0.800998	-1.24844	0.00257972	0.263985	-3.7881	0.051701	0.49365	-2.02573	0.163615	0.622538	-1.60633	0.00499785	0.30595	-3.26851
cg08042477	SLC6A16	0.0437834	0.241171	0.595886	-1.67817	0.308528	0.641007	-1.56005	0.00550762	0.214464	-4.66279	0.94921	0.973479	-1.02724	0.00231038	0.16591	-6.02735
cg19920353	SLC6A16;SLC6A16	0.000139956	0.773786	0.948682	-1.05409	0.0714501	0.692117	-1.44484	2.98E-05	0.224354	-4.45724	0.000787567	0.395489	-2.52852	4.27E-05	0.241208	-4.1458
cg01738202	SLC6A16;SLC6A16	0.0154095	0.774801	1.09353	1.09353	0.0599161	0.515991	-1.93802	0.00186034	0.252488	-3.96058	0.743625	0.902759	-1.10772	0.0017581	0.24922	-4.01252
cg20678043	SLC6A17	9.79E-05	0.0121577	0.621814	-1.6082	0.00084576	0.466345	-2.14434	0.0492675	0.710933	-1.4066	0.19965	1.22875	1.22875	0.000587762	0.446017	-2.24207
cg05949020	SLC6A17	0.000449879	0.770075	1.02146	1.02146	0.00282188	1.34716	1.34716	0.901927	1.00897	1.00897	0.000266405	1.54284	1.54284	0.0174162	1.23334	1.23334
cg05348973	SLC6A17	0.000675805	0.0155149	2.18721	2.18721	0.20121	1.42739	1.42739	0.0134152	0.44611	-2.2416	0.60524	0.871568	-1.14736	0.296636	0.751806	-1.33013
cg19866406	SLC6A17	0.00161875	0.167702	0.788025	-1.26899	0.258803	0.826241	-1.2103	0.00117852	0.462551	-2.16192	0.146959	1.28681	1.28681	0.00023274	0.371852	-2.68924
cg04208466	SLC6A17	0.0021383	0.75202	1.05885	1.05885	0.0193291	1.66579	1.66579	0.000157129	0.311433	-3.21096	0.894022	0.976244	-1.02433	0.0393128	0.650434	-1.53743
cg12072789	SLC6A17	0.00963542	0.311755	1.18801	1.18801	0.626794	0.922498	-1.08401	0.987822	0.99749	-1.00252	0.0551138	1.43047	1.43047	0.107229	1.3357	1.3357
cg13048512	SLC6A17	0.015649	0.375493	0.872155	-1.14659	0.0486159	0.712657	-1.4032	0.000932447	0.475652	-2.10238	0.0946656	1.31818	1.31818	0.987018	0.997556	-1.00245
cg23235497	SLC6A17	0.0179751	0.110544	1.83918	1.83918	0.00511553	3.81268	3.81268	0.0561169	2.14422	2.14422	0.446089	1.30908	1.30908	0.0723417	2.02458	2.02458
cg00961932	SLC6A17	0.0342408	0.742137	0.894444	-1.11801	0.00285001	0.249724	-4.00442	0.145513	0.589755	-1.69562	0.515984	0.800498	-1.24922	0.21454	0.64309	-1.55499
cg03198012	SLC6A18	6.67E-06	0.239849	0.871133	-1.14793	0.205241	1.16162	1.16162	0.00544687	0.663738	-1.50662	0.908088	0.987137	-1.01303	0.380202	0.904019	-1.10617
cg17319718	SLC6A18	1.19E-05	0.592311	0.90239	-1.10817	0.167134	0.755911	-1.32291	0.00643599	0.509993	-1.96081	0.757727	1.06055	1.06055	3.90E-07	0.0634049	-15.7717
cg09455805	SLC6A18	4.13E-05	0.94158	0.986232	-1.01396	0.313219	0.820937	-1.21812	4.56E-05	0.232749	-4.29648	0.42627	1.1661	1.1661	0.000182125	0.301999	-3.31127
cg02381009	SLC6A18	4.62E-05	2.93E-05	0.206183	-4.85006	0.636168	0.912268	-1.09617	0.0161213	0.567049	-1.76352	0.24304	0.790258	-1.26541	0.000177565	0.293995	-3.40142
cg04285869	SLC6A18	0.000193537	0.000122126	0.343731	-2.90925	0.00424896	0.543737	-1.83912	0.00481698	0.551258	-1.81403	0.0371083	0.680183	-1.47019	6.30E-05	0.309408	-3.23198
cg17277001	SLC6A18	0.000280839	0.828694	0.952013	-1.05041	0.038805	0.58103	-1.72108	0.00104227	0.33235	-3.00888	0.553765	0.872903	-1.1456	0.00148599	0.353437	-2.82936
cg05213661	SLC6A18	0.00053927	0.0109199	0.37866	-2.64089	0.000161775	0.141215	-7.08142	0.00352262	0.300377	-3.32915	0.00220219	0.271276	-3.68628	0.000181283	0.145827	-6.85743
cg15989525	SLC6A18	0.000649558	0.177814	1.19115	1.19115	0.0111117	1.47533	1.47533	0.569708	0.932225	-1.0727	0.955647	1.00682	1.00682	0.0772481	1.27119	1.27119
cg23337501	SLC6A18	0.000925101	0.376287	0.777463	-1.28624	0.00788949	0.388743	-2.57239	0.937615	1.02194	1.02194	0.803938	0.933364	-1.07139	0.38745	0.782242	-1.27838
cg18720622	SLC6A18	0.000932845	0.00197745	0.410946	-2.43341	0.00181327	0.405642	-2.46523	0.00534153	0.473949	-2.10993	0.614194	1.10896	1.10896	0.00802277	0.500986	-1.99606
cg22077670	SLC6A18	0.000952588	0.126442	0.677699	-1.47558	0.401925	1.22369	1.22369	0.00115555	0.325149	-3.07551	0.000113823	0.203077	-4.92423	0.467779	0.840417	-1.18989
cg09562675	SLC6A18	0.00106421	0.00323441	0.363676	-2.7497	0.0938601	1.59029	1.59029	0.0341421	0.536585	-1.86364	0.298033	0.762121	-1.31213	0.00204923	0.334866	-2.98627
cg12913587	SLC6A18	0.00125817	0.906606	1.03349	1.03349	0.0134047	2.36207	2.36207	0.0055199	0.35925	-2.78358	0.879731	1.04341	1.04341	7.92E-05	0.135044	-7.40501
cg24585559	SLC6A18	0.00137744	0.358675	0.879368	-1.13718	0.135736	1.24481	1.24481	0.0536337	0.741942	-1.34781	0.484328	0.907739	-1.10164	8.91E-05	0.384641	-2.59983
cg05867884	SLC6A18	0.00258404	0.0425653	0.512051	-1.95293	0.19541	0.67535	-1.48071	0.20396	1.4686	1.4686	0.0379818	1.99297	1.99297	0.0195084	0.445199	-2.24618
cg12637397	SLC6A18	0.00265287	0.0377931	0.638801	-1.56543	0.000120084	0.286302	-3.49281	0.16966	0.761736	-1.31279	0.251527	1.24966	1.24966	0.579943	0.901219	-1.10961
cg01629545	SLC6A18	0.00508447	0.028618	0.475943	-2.10109	0.0453445	0.51681	-1.93495	0.00563474	0.351804	-2.84249	0.995709	1.00155	1.00155	0.00824156	0.378481	-2.64214
cg12949769	SLC6A18	0.00551077	0.00978852	1.78006	1.78006	0.0570976	1.46236	1.46236	0.148224	0.760462	-1.31499	0.011173	0.570391	-1.75318	0.00660751	0.536573	-1.86368
cg01921382	SLC6A18	0.00553673	0.167924	0.514794	-1.94253	0.000649108	0.0941401	-10.6225	0.00579263	0.195313	-5.11999	0.0339157	0.326667	-3.06122	0.00576211	0.194998	-5.12826
cg09075844	SLC6A18	0.00605574	0.00674636	0.29727	-3.36394	0.00112786	0.191002	-5.23555	0.433798	0.758916	-1.31767	0.974136	0.988865	-1.01126	0.00927852	0.319749	-3.12745
cg26658272	SLC6A18	0.00909601	0.00655012	0.144506	-6.92013	0.0147632	0.193343	-5.17215	0.0063228	0.142642	-7.01054	0.0545891	0.302928	-3.30111	0.00361233	0.11562	-8.64905
cg17633683	SLC6A18	0.012202	0.263834	0.686572	-1.45651	0.21343	0.655086	-1.52652	0.593454	0.840326	-1.19001	0.429303	1.29757	1.29757	0.0152862	0.382321	-2.6156
cg22999540	SLC6A18	0.0126846	0.0272084	0.357354	-2.79835	0.00498295	0.23147	-4.32022	0.00645233	0.247967	-4.03279	0.132902	0.528188	-1.89327	0.00314899	0.204175	-4.89775
cg14726581	SLC6A18	0.0131172	0.359117	0.747709	-1.33742	0.403331	0.768214	-1.30172	0.0342383	0.466864	-2.14195	0.908666	1.03602	1.03602	0.00527997	0.321771	-3.1078
cg07581739	SLC6A18	0.0148706	0.89129	1.02936	1.02936	0.00117721	0.365168	-2.73847	0.0225335	0.560892	-1.78287	0.711518	0.924395	-1.08179	0.00517933	0.457914	-2.18381
cg02287371	SLC6A18	0.0161928	0.0453148	0.425822	-2.3484	0.00159611	0.18562	-5.38734	0.741861	0.884352	-1.13077	0.715489	0.87275	-1.1458	0.0174758	0.341097	-2.93172
cg08473240	SLC6A18	0.0196612	0.058269	0.641083	-1.55986	0.00973931	0.507003	-1.97238	0.00722417	0.486659	-2.05483	0.0764866	0.664052	-1.50591	0.784794	0.944719	-1.05852
cg10333311	SLC6A18	0.0205008	0.555903	1.11785	1.11785	0.0069434	1.92179	1.92179	0.334979	1.20436	1.20436	0.482617	0.875067	-1.14277	0.138137	1.34794	1.34794
cg02043000	SLC6A18	0.0242211	0.740505	1.08714	1.08714	0.192339	0.706876	-1.41468	0.0120206	0.454977	-2.19791	0.857767	0.955904	-1.04613	0.00233279	0.343535	-2.91091
cg24115232	SLC6A18	0.0414899	0.0644155	2.72313	2.72313	0.652605	0.803735	-1.24419	0.357656	0.633739	-1.57794	0.768176	1.15318	1.15318	0.19528	1.93572	1.93572
cg00255099	SLC6A18;SLC6A18	0.0204724	0.0275891	0.559081	-1.78865	0.912776	1.02476	1.02476	0.000459863	0.292048	-3.42409	0.059355	0.621834	-1.60814	0.105558	0.673917	-1.48386
cg22632352	SLC6A19	4.09E-06	0.0474475	0.744889	-1.34248	0.00222552	1.74448	1.74448	9.74E-06	0.290577	-3.44143	2.08E-06	0.219494	-4.55594	1.58E-06	0.207702	-4.8146
cg26197930	SLC6A19	1.16E-05	0.00435406	0.805583	-1.24134	0.276032	0.937721	-1.06642	0.0026525	0.789821	-1.26611	0.943934	0.996017	-1.004	0.129144	0.911143	-1.09752
cg23119827	SLC6A19	2.23E-05	0.936893	1.01205	1.01205	0.000359522	0.420632	-2.37738	3.34E-05	0.295996	-3.37843	0.909348	0.982915	-1.01738	4.96E-06	0.206945	-4.83219
cg04553355	SLC6A19	0.000193047	0.298258	0.828338	-1.20724	2.16E-06	0.131418	-7.60932	0.300319	1.2062	1.2062	0.263468	0.815773	-1.22583	0.935472	1.01424	1.01424
cg26537272	SLC6A19	0.000200514	0.0064221	0.719482	-1.38989	0.00034344	1.70779	1.70779	0.000169722	0.552182	-1.811	0.0534225	0.815675	-1.22598	0.218547	1.1277	1.1277
cg06593603	SLC6A19	0.000362985	0.0601271	0.617649	-1.61904	0.000722723	0.310776	-3.21775	0.0393581	0.581792	-1.71883	0.101974	0.66582	-1.50191	0.00407639	0.416455	-2.40122
cg16367697	SLC6A19	0.000712613	0.0188408	0.632493	-1.58104	0.263072	0.828732	-1.20666	0.00669154	0.567582	-1.76186	0.261382	1.20754	1.20754	0.000111351	0.334816	-2.98672
cg10800865	SLC6A19	0.00122404	0.504662	0.896454	-1.11551	0.668277	0.932765	-1.07208	0.518564	0.899723	-1.11145	0.686817	0.936654	-1.06763	1.29E-05	0.227852	-4.38882
cg11123744	SLC6A19	0.00229489	0.314419	0.634843	-1.57519	0.883697	0.938069	-1.06602	0.0881434	0.439604	-2.27478	0.667976	0.82823	-1.20739	0.00118386	0.125295	-7.98119
cg20706711	SLC6A19	0.00291092	0.00770824	0.356714	-2.80337	0.000207901	0.154214	-6.48449	0.0415797	0.492888	-2.02886	0.944341	1.02125	1.02125	0.0272361	0.455276	-2.19647
cg26711638	SLC6A19	0.00304032	0.192287	0.756578	-1.32174	0.537004	0.882066	-1.1337	0.00207472	0.398894	-2.50693	0.464744	0.861159	-1.16123	0.108164	0.700498	-1.42755
cg00472281	SLC6A19	0.0093725	0.00159835	0.424064	-2.35813	0.0348047	0.627461	-1.59373	0.00596405	0.506079	-1.97598	0.0113912	0.548781	-1.82222	0.0237564	0.599715	-1.66746
cg15142890	SLC6A19	0.0109465	0.63639	0.942175	-1.06137	0.330971	1.13368	1.13368	0.271698	0.866652	-1.15387	0.314307	0.877958	-1.13901	0.860251	0.978199	-1.02229
cg06556827	SLC6A19	0.0119249	0.0515737	0.672468	-1.48706	0.88786	1.02559	1.02559	0.509042	0.886959	-1.12745	0.134141	0.748804	-1.33546	0.0243263	0.618385	-1.61712
cg21487099	SLC6A19	0.0124776	0.0404316	0.53681	-1.86286	0.00400474	0.361876	-2.76338	0.159508	0.673614	-1.48453	0.134828	0.654614	-1.52762	0.00969651	0.423137	-2.3633
cg25582398	SLC6A19	0.012687	0.129261	1.71059	1.71059	0.058785	2.01187	2.01187	0.0437544	2.13641	2.13641	0.054097	2.04618	2.04618	0.00484327	0.294146	-3.39968
cg10035234	SLC6A19	0.0139215	0.724037	0.941229	-1.06244	0.433956	0.87248	-1.14616	0.455155	0.878118	-1.1388	0.0903451	1.37558	1.37558	0.166077	0.776981	-1.28703
cg03807914	SLC6A19	0.0155044	0.607038	0.91227	-1.09617	0.403865	0.859691	-1.16321	0.0100046	0.562391	-1.77812	0.933296	1.01493	1.01493	0.855112	1.03288	1.03288
cg11842953	SLC6A19	0.0167085	0.0259395	0.651106	-1.53585	0.477976	1.12422	1.12422	0.0005922	0.422748	-2.36548	0.212597	0.8081	-1.23747	0.852352	0.970213	-1.0307
cg18515046	SLC6A19	0.018895	0.0266481	0.340388	-2.93783	0.0189392	0.311655	-3.20868	0.704151	0.855122	-1.16942	0.231382	0.5975	-1.67364	0.0312198	0.35449	-2.82096
cg00502885	SLC6A19	0.0199311	0.093324	0.431176	-2.31924	0.0537975	0.368656	-2.71255	0.0115433	0.237024	-4.21899	0.78254	0.881531	-1.13439	0.00246148	0.146708	-6.81626
cg09837037	SLC6A19	0.0248995	0.207097	0.47652	-2.09855	0.416741	0.629771	-1.58788	0.566625	0.724184	-1.38086	0.478185	0.669161	-1.49441	0.0096189	0.161049	-6.20931
cg04248937	SLC6A19	0.0273437	0.121357	0.662702	-1.50897	0.00398355	0.387408	-2.58126	0.0104133	0.453753	-2.20384	0.785225	0.935274	-1.06921	0.106567	0.649427	-1.53982
cg20475114	SLC6A19	0.0299383	0.0459169	0.417593	-2.39467	0.0482406	0.422507	-2.36682	0.184111	0.584056	-1.71217	0.637608	0.834359	-1.19852	0.0106584	0.293642	-3.4055
cg05887366	SLC6A19	0.0364492	0.0832811	0.595206	-1.68009	0.0146957	2.25405	2.25405	0.563705	0.853891	-1.17111	0.291975	1.34431	1.34431	0.189179	1.45703	1.45703
cg04718185	SLC6A19	0.0370836	0.145967	0.728182	-1.37328	0.672545	1.09023	1.09023	0.0124168	0.531345	-1.88202	0.905485	1.02443	1.02443	0.00681409	0.49047	-2.03886
cg02389859	SLC6A19	0.0412368	0.0134691	0.277765	-3.60017	0.148251	0.522371	-1.91435	0.191977	0.560833	-1.78306	0.307761	0.642705	-1.55592	0.015545	0.288653	-3.46436
cg11325573	SLC6A19	0.0441583	0.129425	0.611534	-1.63523	0.0344504	0.476934	-2.09673	0.212	0.673929	-1.48384	0.0734156	0.549261	-1.82063	0.0103172	0.379053	-2.63815
cg19421752	SLC6A19;SLC6A18	0.000229178	0.00233533	0.328648	-3.04277	0.0065379	0.396441	-2.52244	5.49E-05	0.139943	-7.14578	0.0668049	0.583843	-1.71279	0.00147786	0.300837	-3.32406
cg17650028	SLC6A19;SLC6A19	0.0120719	0.0159699	0.381006	-2.62463	0.123485	0.579434	-1.72582	0.208737	0.648285	-1.54253	0.0461822	0.473707	-2.11101	0.00175411	0.232597	-4.29929
cg02693870	SLC6A2	1.07E-05	3.47E-05	0.17677	-5.65707	2.95E-06	0.0894368	-11.1811	0.000468073	0.304091	-3.28849	0.00222532	0.395593	-2.52785	5.89E-05	0.199944	-5.0014
cg16629702	SLC6A2	3.03E-05	2.18E-06	23.6873	23.6873	0.745373	0.914969	-1.09293	0.844393	1.05505	1.05505	1.48E-05	11.6176	11.6176	0.0361207	0.514461	-1.94378
cg04450501	SLC6A2	3.69E-05	0.243187	1.15736	1.15736	0.0296861	1.35836	1.35836	4.71E-07	0.183527	-5.4488	0.800554	1.03076	1.03076	0.19168	1.17988	1.17988
cg04874129	SLC6A2	7.22E-05	0.957036	0.993609	-1.00643	0.0293039	1.35737	1.35737	0.335905	1.12534	1.12534	0.0385211	1.33012	1.33012	0.237444	1.15869	1.15869
cg27047406	SLC6A2	9.14E-05	0.0473453	0.692579	-1.44388	0.000359349	0.395845	-2.52624	0.000333757	0.391777	-2.55247	0.194725	0.800856	-1.24866	0.00440378	0.540381	-1.85055
cg03860054	SLC6A2	0.000302199	5.24E-05	0.336154	-2.97483	0.0307286	0.693536	-1.44189	1.60E-05	0.277014	-3.60993	0.944747	0.990055	-1.01004	0.888701	1.0204	1.0204
cg09774787	SLC6A2	0.000363562	0.0602994	1.53291	1.53291	0.894917	1.027	1.027	0.00125289	0.386714	-2.58589	0.0151723	1.82468	1.82468	0.000182274	0.279141	-3.58242
cg04313338	SLC6A2	0.000388045	0.00061999	0.488512	-2.04703	0.295368	0.862786	-1.15904	0.000252281	0.440132	-2.27205	0.948697	0.991287	-1.00879	0.00043909	0.469867	-2.12826
cg27191081	SLC6A2	0.000666146	0.839374	0.957587	-1.04429	0.0957479	0.676568	-1.47805	3.22E-05	0.177869	-5.62212	0.0826126	0.663314	-1.50758	0.0277733	0.573835	-1.74266
cg01277542	SLC6A2	0.00228095	0.239482	1.73596	1.73596	0.0203869	0.286033	-3.4961	0.622489	0.800752	-1.24883	0.179346	1.89395	1.89395	0.304881	1.60924	1.60924
cg02935718	SLC6A2	0.00339113	0.781031	0.911255	-1.09739	0.382629	0.741863	-1.34796	0.00016442	0.117351	-8.52147	0.124686	0.574446	-1.74081	0.174645	0.617852	-1.61851
cg09321400	SLC6A2	0.00474123	0.0147432	5.54129	5.54129	0.0516664	3.53777	3.53777	0.00720953	7.23149	7.23149	0.330194	1.77401	1.77401	0.731131	0.821367	-1.21748
cg27579359	SLC6A2	0.00929345	0.0973554	1.30759	1.30759	0.448346	1.12065	1.12065	0.000646782	0.462354	-2.16285	0.337632	0.864396	-1.15688	0.724898	0.949246	-1.05347
cg03226000	SLC6A2	0.0171268	0.369117	1.27212	1.27212	0.0063566	2.62077	2.62077	0.389231	1.2588	1.2588	0.455219	1.21922	1.21922	0.857655	1.04777	1.04777
cg09382328	SLC6A2	0.0382749	0.0283787	2.40517	2.40517	0.150381	1.68687	1.68687	0.02399	0.401188	-2.4926	0.183336	1.61419	1.61419	0.0837113	1.91406	1.91406
cg20953187	SLC6A20;SLC6A20	1.38E-06	0.217345	1.1674	1.1674	0.352688	0.892215	-1.12081	0.918849	0.98792	-1.01223	0.0898374	0.800129	-1.2498	0.0672905	1.27702	1.27702
cg27269492	SLC6A20;SLC6A20	0.000452959	0.0380715	0.739203	-1.35281	0.902168	0.984663	-1.01558	7.00E-05	0.40162	-2.48992	0.0632881	0.769126	-1.30018	2.90E-05	0.35664	-2.80395
cg04746914	SLC6A20;SLC6A20	0.00055671	0.000364712	0.285675	-3.50048	0.000304371	0.276014	-3.62301	0.000574663	0.310645	-3.21911	0.174917	0.728694	-1.37232	0.000112552	0.225715	-4.43037
cg19137818	SLC6A20;SLC6A20	0.000972358	0.761007	1.08853	1.08853	0.00161045	3.51716	3.51716	0.0117895	2.39792	2.39792	0.322249	0.752507	-1.32889	0.0529995	0.542555	-1.84313
cg12359315	SLC6A20;SLC6A20	0.00104346	0.234975	0.632653	-1.58065	0.680724	0.858838	-1.16436	0.309676	1.47206	1.47206	0.269951	0.655406	-1.52577	0.100825	0.516341	-1.9367
cg13719314	SLC6A20;SLC6A20	0.00157294	0.404034	1.40213	1.40213	0.0442929	0.400703	-2.49562	0.0375197	0.384675	-2.5996	0.845941	0.925887	-1.08005	0.000535161	0.118492	-8.43937
cg23255837	SLC6A20;SLC6A20	0.0026192	0.0623208	0.502685	-1.98932	0.0147831	0.374096	-2.67311	0.741498	1.11462	1.11462	0.0231284	0.410566	-2.43566	0.148311	0.60153	-1.66243
cg16309260	SLC6A20;SLC6A20	0.00272772	0.0157407	0.558086	-1.79184	0.0131279	1.83339	1.83339	0.989123	1.00269	1.00269	0.011747	0.53778	-1.8595	0.0370834	0.620596	-1.61135
cg25924911	SLC6A20;SLC6A20	0.00710684	0.294239	1.13103	1.13103	0.0830578	0.804768	-1.24259	0.0040959	0.646647	-1.54644	0.244671	1.14769	1.14769	0.0113075	1.43195	1.43195
cg08826127	SLC6A20;SLC6A20	0.00742015	0.0916284	0.788442	-1.26832	0.115915	0.803583	-1.24443	0.00384191	0.607377	-1.64642	0.0542055	0.75608	-1.32261	0.0736907	0.774797	-1.29066
cg22497313	SLC6A20;SLC6A20	0.00912978	0.559455	0.937712	-1.06643	0.137209	1.19058	1.19058	0.392354	0.908932	-1.10019	0.192903	0.860578	-1.16201	0.411546	0.912567	-1.09581
cg15576918	SLC6A20;SLC6A20	0.00933677	0.122614	0.580845	-1.72163	0.599014	0.841723	-1.18804	0.00189665	0.239483	-4.17565	0.137333	0.59472	-1.68146	0.428894	0.769316	-1.29986
cg24261921	SLC6A20;SLC6A20	0.0142366	0.0040648	0.270622	-3.69519	0.515148	0.799601	-1.25062	0.012113	0.346504	-2.88597	0.115961	1.78419	1.78419	0.0148527	0.362246	-2.76055
cg05461503	SLC6A20;SLC6A20	0.0146027	0.0436453	0.359721	-2.77994	0.0141956	3.79489	3.79489	0.356749	0.658484	-1.51864	0.538986	0.760194	-1.31545	0.117229	0.472334	-2.11715
cg24940967	SLC6A20;SLC6A20	0.0241294	0.0622671	0.251887	-3.97003	0.92014	1.0681	1.0681	0.384626	0.556768	-1.79608	0.311265	0.502468	-1.99018	0.0380115	0.205935	-4.8559
cg09251680	SLC6A20;SLC6A20	0.0299343	0.836599	1.0518	1.0518	0.113241	1.52424	1.52424	0.00180033	0.337658	-2.96158	0.496428	0.84462	-1.18396	0.425903	0.819692	-1.21997
cg22708635	SLC6A3	4.62E-06	0.000162657	0.269753	-3.70709	7.42E-05	0.230871	-4.33142	1.48E-05	0.160232	-6.24097	3.73E-05	0.199169	-5.02086	4.49E-06	0.116651	-8.57261
cg07392358	SLC6A3	5.35E-06	5.39E-05	0.156635	-6.38425	1.60E-05	0.111789	-8.94542	0.000563043	0.268168	-3.72901	0.000283583	0.232248	-4.30574	2.17E-06	0.0573595	-17.4339
cg24178621	SLC6A3	1.11E-05	1.18E-05	0.0876144	-11.4137	2.35E-06	0.0489505	-20.4288	0.724241	0.9112	-1.09745	0.0135195	0.4482	-2.23115	1.81E-06	0.0440757	-22.6882
cg21161187	SLC6A3	1.35E-05	0.425423	1.115	1.115	0.00025771	0.447321	-2.23553	0.00947885	0.644274	-1.55213	0.219053	1.18871	1.18871	0.188812	0.830108	-1.20466

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22505395	0.0100736	1.55747	1.55747	0.158372	1.22843	1.22843	0.000862396	1.97885	1.97885	0.736106	1.04723	1.04723	20.5211	6.05011	0.262066	1
cg20958098	0.0002583	0.226788	-4.4094	0.0242034	0.51527	-1.94073	0.00663121	0.41917	-2.38567	0.0601391	0.592622	-1.68742	9.38027	9.04524	0.85714	1
cg23176632	0.994368	0.998892	-1.00111	0.238324	1.21412	1.21412	0.000384925	0.410675	-2.43501	0.404302	0.874546	-1.14345	6.36719	2.48849	0.347405	1
cg02523679	0.00296296	0.326611	-3.06174	0.161047	0.663194	-1.50785	0.0165765	0.448052	-2.23189	0.0513256	0.544049	-1.83807	5.58256	6.65447	1.05957	1
cg21426686	0.324875	0.86665	-1.15387	0.0183847	0.668501	-1.49589	0.821728	1.03228	1.03228	0.713082	1.05337	1.05337	5.45857	1.71334	0.279005	1
cg17384865	0.251297	1.20625	1.20625	0.172082	1.25534	1.25534	0.136307	0.77793	-1.28546	0.187661	0.803762	-1.24415	4.46443	1.73068	0.344587	1
cg10990357	0.000517961	0.308361	-3.24295	2.93E-05	0.168565	-5.93244	0.246367	0.768458	-1.30131	0.0189379	0.539341	-1.85411	33.2358	24.8446	0.664469	1
cg08975046	0.205867	1.87207	1.87207	0.493859	1.38608	1.38608	0.224299	0.548911	-1.82179	0.384722	0.657857	-1.52009	6.57127	22.9789	3.10833	1
cg16857852	0.980135	0.98804	-1.0121	0.573973	1.31589	1.31589	0.990799	0.994443	-1.00559	0.0999516	0.418479	-2.3896	5.19842	19.2268	3.28763	1
cg02772823	0.853372	1.08162	1.08162	0.782574	0.889305	-1.12447	0.349758	0.664859	-1.50408	0.0160517	0.286585	-3.48937	4.46493	12.7172	2.53177	1
cg15659974	0.620477	0.769366	-1.29977	0.152312	0.446913	-2.23757	0.0773623	0.356532	-2.8048	0.0244285	0.244526	-4.08955	3.64004	15.9057	3.88414	1
cg19933709	0.335233	1.41255	1.41255	0.0703978	2.01964	2.01964	0.615966	0.838806	-1.19217	0.667335	0.860456	-1.16217	5.64094	10.7932	1.70077	1
cg04394707	0.0895676	1.22654	1.22654	0.755213	1.03471	1.03471	0.10532	0.824437	-1.21295	0.00874015	0.694594	-1.43969	15.7751	2.97359	0.167554	1
cg21068269	0.0291468	0.729372	-1.37104	0.000183706	0.460236	-2.1728	0.56875	1.07326	1.07326	0.0260576	1.38289	1.38289	9.63299	2.29886	0.212128	1
cg08254307	0.00151828	0.782689	-1.27765	0.00506898	0.819716	-1.21993	0.203866	1.0746	1.0746	0.653019	1.02458	1.02458	9.09042	0.414438	0.040525	1
cg19686001	0.645862	1.07735	1.07735	0.00176154	0.487954	-2.04937	0.014509	1.62408	1.62408	0.306576	1.18584	1.18584	5.66067	2.32473	0.36505	1
cg00154888	0.0103052	0.439795	-2.27379	0.133319	0.662654	-1.50908	0.0015665	3.17257	3.17257	0.91573	1.02726	1.02726	5.23976	5.35888	0.909097	1
cg03064067	0.425319	1.34085	1.34085	0.00849958	0.298176	-3.35372	0.0213818	2.70798	2.70798	0.541986	1.24906	1.24906	4.28555	8.80941	1.82721	1
cg11409659	?	?	?	0.00128271	0.0331423	-30.1729	0.355769	1.91632	1.91632	0.288675	2.12815	2.12815	4.89038	27.4109	5.60508	1
cg26665224	0.483465	1.2533	1.2533	0.113678	1.72576	1.72576	0.00130647	4.40981	4.40981	0.813822	1.07766	1.07766	4.12512	6.56664	1.41499	1
cg24504601	0.0148799	0.423183	-2.36305	0.360478	1.30984	1.30984	0.229118	1.43667	1.43667	0.175896	1.51159	1.51159	4.10229	5.35514	1.16036	1
cg09892273	0.353989	0.641495	-1.55886	0.654368	0.810753	-1.23342	0.171002	0.507314	-1.97116	0.396676	0.667603	-1.4979	3.77157	12.9463	3.05119	1
cg19021466	?	?	?	0.470242	1.50846	1.50846	0.79119	0.862002	-1.16009	0.61372	1.32955	1.32955	3.5867	13.8364	4.4088	1
cg19952303	0.0892477	0.487662	-2.0506	0.0111497	0.295484	-3.38428	0.00209067	5.25562	5.25562	0.622363	0.826762	-1.20954	4.90679	11.4127	2.06746	1
cg14449051	0.191459	1.21006	1.21006	0.0330392	1.41009	1.41009	0.190066	1.21087	1.21087	0.452504	1.11129	1.11129	4.22099	1.27071	0.267597	1
cg06237487	0.000317549	0.371262	-2.69351	0.000190658	0.343562	-2.91068	0.825528	0.963181	-1.03823	0.0032912	0.506395	-1.97474	34.1142	15.5995	0.406465	1
cg14536433	0.173884	0.66992	-1.49272	0.000355185	0.204368	-4.89315	0.000993721	0.258109	-3.87433	0.00359355	0.335618	-2.97958	21.2477	25.8026	1.07944	1
cg10186564	0.263839	0.67014	-1.49223	7.50E-06	0.0338274	-29.5618	0.00728016	0.304365	-3.28553	0.21434	0.638102	-1.56715	17.8084	33.309	1.66259	1
cg00041047	0.00107247	0.186837	-5.35226	0.000299819	0.129777	-7.70551	0.447752	0.764432	-1.30816	0.0622351	0.482511	-2.07249	9.04751	17.2715	1.69687	1
cg24188017	0.0226827	0.406344	-2.46097	0.000261498	0.137872	-7.25311	0.163279	0.611885	-1.63429	0.0491467	0.476465	-2.09879	7.1888	12.4076	1.53418	1
cg07969045	0.00058822	0.252526	-3.95999	0.569449	1.16067	1.16067	0.00163169	0.310502	-3.22059	0.515395	0.842877	-1.18641	5.8917	6.26725	0.945549	1
cg13373371	0.010521	0.358348	-2.79058	0.0109045	0.361019	-2.76994	0.696642	1.13304	1.13304	0.0467057	0.48382	-2.06688	5.41623	8.71851	1.43085	1
cg08042477	0.250654	0.60261	-1.65945	0.373735	0.680266	-1.47001	0.347563	0.664915	-1.50395	0.204908	0.568705	-1.75838	3.56182	10.0434	2.50643	1
cg19920353	0.000603677	0.38027	-2.62971	0.671407	1.08113	1.08113	0.0640463	1.46295	1.46295	0.551376	1.11647	1.11647	20.2311	10.7074	0.470451	1
cg01738202	0.802825	1.08111	1.08111	0.0562946	0.509797	-1.96157	0.467057	0.79399	-1.25946	0.93156	1.02714	1.02714	5.1347	7.90165	1.36789	1
cg20678043	0.0173006	1.55388	1.55388	3.66E-05	0.298755	-3.34722	7.06E-05	0.332143	-3.01075	0.000323849	0.413169	-2.42031	22.2668	8.15034	0.325361	1
cg05949020	0.455972	1.05655	1.05655	0.000122346	0.615255	-1.62534	0.0601988	1.16598	1.16598	0.0124643	1.25262	1.25262	14.7148	1.22308	0.0738834	1
cg05348973	0.0151565	0.455407	-2.19584	2.73E-05	0.112937	-8.85446	0.0056565	0.383973	-2.60435	0.668532	1.12025	1.12025	13.1398	14.4635	0.978441	1
cg19866406	0.00236553	0.503125	-1.98758	0.00401898	0.534657	-1.87036	0.682379	1.06893	1.06893	0.0321604	0.665954	-1.50161	10.2519	4.26139	0.369483	1
cg04208466	0.294014	0.821734	-1.21694	0.0420441	0.65535	-1.5259	0.00150471	0.438235	-2.28188	0.390876	0.853348	-1.17185	9.45562	4.87292	0.458086	1
cg12072789	0.0151387	1.63445	1.63445	0.00021318	2.7686	2.7686	0.889239	1.02321	1.02321	0.182724	1.2621	1.2621	5.98114	2.56737	0.38155	1
cg13048512	0.0912401	0.755981	-1.32278	0.839745	0.970008	-1.03092	0.0994344	1.31205	1.31205	0.545765	1.09631	1.09631	5.10851	1.82992	0.318408	1
cg23235497	0.155161	0.587708	-1.70152	0.0205102	0.369986	-2.70281	0.042501	2.28383	2.28383	0.127498	1.78024	1.78024	5.45061	10.1026	1.44159	1
cg00961932	0.0348716	0.435703	-2.29514	0.00694279	0.307229	-3.2549	0.105387	0.550054	-1.818	0.0673318	0.500253	-1.99899	3.8979	7.04693	1.607	1
cg03198012	0.986452	0.998098	-1.00191	6.68E-08	0.129979	-7.69356	0.0379697	0.763602	-1.30958	0.000125123	0.472762	-2.11523	45.0519	8.96598	0.176902	1
cg17319718	8.96E-06	0.160698	-6.22285	0.812857	0.955937	-1.04609	0.569888	1.11529	1.11529	9.27E-05	0.265658	-3.76424	38.8159	22.1954	0.508278	1
cg09455805	0.958588	0.990226	-1.00987	1.65E-06	0.102519	-9.75425	0.188557	0.768341	-1.30151	0.000912048	0.391449	-2.55461	27.9946	15.8642	0.503722	1
cg02381009	0.263162	0.798694	-1.25204	1.43E-06	0.0942127	-10.6143	0.00845364	0.523146	-1.91151	0.542088	0.887882	-1.12628	27.1819	15.984	0.5227	1
cg04285869	0.000364079	0.402646	-2.48357	3.57E-05	0.280921	-3.55972	0.0235728	0.650162	-1.53808	0.0518296	0.703038	-1.4224	18.5355	7.44335	0.356954	1
cg17277001	0.158461	0.710261	-1.40793	4.90E-05	0.17698	-5.65034	0.026557	0.550666	-1.81598	2.68E-05	0.15229	-6.56643	16.7498	13.6623	0.72504	1
cg05213661	0.283046	0.712452	-1.4036	0.000358169	0.175377	-5.702	0.00280898	0.286119	-3.49505	0.00538408	0.328311	-3.04589	13.9936	20.4771	1.30073	1
cg15989525	0.0102049	1.48534	1.48534	3.52E-05	2.65313	2.65313	0.0348396	1.35046	1.35046	0.00244514	0.597485	-1.67368	13.2862	3.13983	0.210065	1
cg23337501	0.000259176	0.188958	-5.29219	4.08E-05	0.114197	-8.7568	0.787296	1.07786	1.07786	0.0312499	0.496255	-2.01509	12.0288	14.6426	1.08204	1
cg18720622	0.00210912	0.41491	-2.41016	0.000351694	0.31084	-3.21709	0.0313209	1.67187	1.67187	0.125893	0.713935	-1.40069	12.0005	7.86848	0.582827	1
cg22077670	0.113801	1.49909	1.49909	0.000591688	0.286937	-3.48508	0.97571	1.00719	1.00719	0.0192145	0.513459	-1.94758	11.9296	10.4624	0.779568	1
cg09562675	0.230785	0.728652	-1.3724	0.0116461	2.21222	2.21222	0.00127866	0.306444	-3.26324	0.000692887	0.271524	-3.68291	11.5605	11.6103	0.892716	1
cg12913587	0.00760993	0.381636	-2.6203	0.296216	1.35528	1.35528	0.588687	0.857928	-1.1656	0.0336477	0.498358	-2.00659	11.0217	13.7522	1.1091	1
cg24585559	0.00435985	0.595274	-1.6799	0.613406	1.07185	1.07185	0.407326	0.89097	-1.12237	0.000632976	0.489135	-2.04442	10.7395	3.15526	0.261156	1
cg05867884	0.426021	0.792156	-1.26238	0.00945798	0.389584	-2.56684	0.00487415	2.91474	2.91474	0.00107756	0.250577	-3.99079	8.94451	11.6399	1.15675	1
cg12637397	0.116171	1.37389	1.37389	0.302102	1.22005	1.22005	0.0180685	0.586108	-1.70617	0.0113184	0.554302	-1.80407	8.87542	4.86526	0.487264	1
cg01629545	0.842471	1.05888	1.05888	0.000597069	0.217984	-4.5875	0.314645	1.34847	1.34847	0.0111164	0.400413	-2.49742	7.30114	9.5594	1.16382	1
cg12949769	0.0644515	1.44304	1.44304	0.174949	1.29009	1.29009	0.0280851	1.58088	1.58088	0.31063	0.830923	-1.20348	7.12328	3.51663	0.438829	1
cg01921382	0.0923103	0.432968	-2.30964	0.00169778	0.131915	-7.58065	0.232717	0.568133	-1.76015	0.0332451	0.324836	-3.07848	7.113	22.9964	2.87379	1
cg09075844	0.0215312	0.385361	-2.59497	0.00766172	0.306101	-3.26689	0.990954	1.00392	1.00392	0.00453118	0.270815	-3.69255	6.91937	13.0738	1.67951	1
cg26658272	0.0436541	0.280753	-3.56185	0.00279511	0.104701	-9.55097	0.0672053	0.325156	-3.07545	0.0270206	0.238365	-4.19524	6.09182	28.9409	4.22291	1
cg17633683	0.0253445	0.42391	-2.35899	0.000454595	0.168047	-5.95073	0.0406093	0.466124	-2.14535	0.104383	0.563753	-1.77383	5.54337	9.15111	1.4674	1
cg22999540	0.0478633	0.410415	-2.43656	0.0114884	0.288001	-3.47221	0.346587	0.682782	-1.4646	0.0254858	0.351636	-2.84385	5.47384	13.4364	2.18192	1
cg14726581	0.249855	0.690184	-1.44889	0.00184603	0.255829	-3.90887	0.00332552	0.291566	-3.42976	0.0737013	0.540779	-1.84918	5.41425	8.15244	1.33843	1
cg07581739	0.22577	1.30894	1.30894	0.675879	0.914855	-1.09307	0.285881	0.79091	-1.26437	0.897224	1.02773	1.02773	5.19555	3.68567	0.630569	1
cg02287371	0.201966	0.605962	-1.65027	0.0299226	0.386836	-2.58507	0.0931941	1.98703	1.98703	0.0772659	0.481753	-2.07575	5.05081	11.0586	1.94619	1
cg08473240	0.0921143	0.680319	-1.4699	0.0429249	1.6226	1.6226	0.413911	1.18949	1.18949	0.707346	1.0815	1.0815	4.73193	3.2347	0.607635	1
cg10333311	0.0444762	1.53971	1.53971	0.00983505	1.8409	1.8409	0.0413308	0.643961	-1.55289	0.3164	0.823893	-1.21375	4.66515	2.58426	0.492401	1
cg02043000	0.41367	1.23378	1.23378	0.0181084	0.485993	-2.05764	0.647109	1.12285	1.12285	0.197828	0.710219	-1.40802	4.40538	4.4094	0.8897	1
cg24115232	0.184848	1.9701	1.9701	0.0115058	0.217815	-4.59106	0.0149529	4.23241	4.23241	0.906498	0.944919	-1.05829	3.63374	13.3799	3.27301	1
cg00255099	0.166388	0.719385	-1.39008	0.722074	0.92338	-1.08298	0.625911	0.896144	-1.11589	0.485023	0.853536	-1.1716	4.66735	3.68249	0.701324	1
cg22632352	6.98E-05	0.389392	-2.56811	0.1744	1.20641	1.20641	0.487	1.09606	1.09606	0.000234952	0.452937	-2.20781	51.124	13.6589	0.237486	1
cg26197930	0.000686489	1.34209	1.34209	2.73E-07	2.36927	2.36927	0.0412161	0.874898	-1.14299	0.71659	0.979523	-1.0209	38.9995	1.9892	0.0453385	1
cg23119827	0.0454767	0.706758	-1.41491	1.30E-05	0.250558	-3.9911	0.000666805	0.454759	-2.19897	4.46E-05	0.310497	-3.22064	32.9281	11.9378	0.322259	1
cg04553355	0.719158	1.0651	1.0651	0.0767579	1.41032	1.41032	0.253979	0.812147	-1.2313	0.13668	1.3232	1.3232	18.5482	8.96277	0.429524	1
cg26537272	0.0824023	1.19562	1.19562	0.000205917	1.78132	1.78132	0.249776	1.11817	1.11817	0.0484016	1.23298	1.23298	18.3584	2.5074	0.121405	1
cg06593603	0.0784098	0.64131	-1.55931	0.000341248	0.269596	-3.70926	0.000143422	4.4328	4.4328	0.340113	0.799798	-1.25031	15.6121	12.7667	0.726881	1
cg16367697	0.412646	0.873839	-1.14438	0.000391614	2.48377	2.48377	0.705453	1.06305	1.06305	0.457368	0.885276	-1.12959	12.946	5.31517	0.364947	1
cg10800865	0.413611	0.873763	-1.14448	0.53815	1.10588	1.10588	0.300602	1.18908	1.18908	0.0294736	0.661031	-1.51279	11.1087	4.58646	0.366997	1
cg11123744	0.0213589	0.298788	-3.34686	9.36E-05	0.0477129	-20.9587	0.0425959	0.360719	-2.77224	0.00548747	0.202958	-4.92712	9.26203	27.9826	2.68553	1
cg20706711	0.000996464	0.229443	-4.35839	0.989914	0.996201	-1.00381	0.0177984	0.419978	-2.38108	0.11415	0.596033	-1.67776	8.63503	12.3993	1.27638	1
cg26711638	0.177549	0.748402	-1.33618	0.000136255	0.234149	-4.27079	0.18669	0.753531	-1.32708	0.00115733	0.360813	-2.77152	10.0371	6.24714	0.484094	1
cg00472281	0.477145	1.14676	1.14676	0.668174	1.08512	1.08512	0.222129	0.784205	-1.27518	0.0223737	0.595446	-1.67941	6.0341	3.42991	0.505264	1
cg15142890	0.040284	1.34493	1.34493	0.000688197	1.91218	1.91218	0.0560331	0.762836	-1.3109	0.108926	0.803585	-1.24442	5.74153	1.42264	0.220249	1
cg06556827	0.00280818	0.478428	-2.09018	0.0201696	1.65165	1.65165	0.0335471	0.641039	-1.55997	0.0329808	0.639823	-1.56293	5.58485	2.8365	0.451458	1
cg21487099	0.0605581	0.573406	-1.74396	0.00280531	0.338833	-2.95131	0.0286533	0.507383	-1.9709	0.00699098	0.399772	-2.50142	5.50325	6.02088	0.972498	1
cg25582398	0.649385	1.16171	1.16171	0.058198	0.496035	-2.01599	0.0305626	2.29849	2.29849	0.566944	0.827339	-1.20869	5.4735	9.29805	1.50999	1
cg10035234	0.450264	1.14047	1.14047	0.0639028	1.42738	1.42738	0.647183	0.924285	-1.08192	0.000513158	0.395906	-2.52585	5.30969	2.45498	0.410986	1
cg03807914	0.461894	1.14175	1.14175	0.000827435	2.43804	2.43804	0.250027	0.808349	-1.23709	0.868004	1.02988	1.02988	5.12427	2.54237	0.441016	1
cg11842953	0.3217	1.18076	1.18076	0.191455	0.798947	-1.25165	0.763036	1.0503	1.0503	0.0716502	0.721486	-1.38603	4.9983	2.08525	0.370838	1
cg18515046	0.0102877	0.265377	-3.76823	0.00541893	0.222807	-4.48819	0.00551253	0.223871	-4.46685	0.130262	0.511482	-1.9551	4.79604	12.7841	2.36939	1
cg00502885	0.952548	0.973244	-1.02749	0.876301	1.07357	1.07357	0.948291	0.970875	-1.03	0.00628816	0.197474	-5.06395	4.71008	15.4937	2.92398	1
cg09837037	0.0722377	0.327014	-3.05797	0.00165398	0.0813787	-12.2882	0.155152	0.428455	-2.33397	0.0100137	0.163426	-6.11899	4.36334	21.4504	4.36982	1
cg04248937	0.287975	0.763194	-1.31028	0.0878118	1.58653	1.58653	0.122536	0.663704	-1.50669	0.651902	1.11767	1.11767	4.22287	4.01344	0.844805	1
cg20475114	0.417208	1.37223	1.37223	0.00299967	0.211523	-4.72761	0.73882	0.880107	-1.13623	0.0862783	0.485131	-2.0613	4.08982	9.43576	2.05079	1
cg05887366	0.0847215	1.67521	1.67521	0.00748432	2.53885	2.53885	0.424457	0.801928	-1.24699	0.635141	1.13809	1.13809	3.81062	4.41949	1.03092	1
cg04718185	0.0794574	0.673264	-1.4853	0.883224	1.03032	1.03032	0.114664	1.41716	1.41716	0.16964	0.742823	-1.34622	3.78675	2.47678	0.581392	1
cg02389859	0.269208	0.617663	-1.61901	0.00683031	0.230572	-4.33705	0.0535051	0.399212	-2.50493	0.0279204	0.336986	-2.96749	3.64198	10.1132	2.46831	1
cg11325573	0.134798	0.616347	-1.62246	0.00919117	0.37055	-2.69869	0.0503148	0.51185	-1.9537	0.0288874	0.461465	-2.16701	3.5505	5.06654	1.26844	1
cg19421752	0.000223019	0.200065	-4.99837	5.70E-05	0.14136	-7.07415	0.00371596	0.35831	-2.79088	0.00132165	0.294254	-3.39843	17.7042	19.2274	0.965368	1
cg17650028	0.0732083	0.520237	-1.9222	0.00187793	0.236465	-4.22896	0.338001	0.723934	-1.38134	0.0136437	0.368654	-2.71257	5.5627	9.4249	1.50605	1
cg02693870	0.00474766	0.444101	-2.25174	1.54E-06	0.0722311	-13.8445	0.000113735	0.230727	-4.33412	0.000162513	0.248331	-4.02688	39.8159	29.5443	0.659577	1
cg16629702	0.0220493	0.472918	-2.11453	0.0114465	0.421914	-2.37015	0.236728	1.40227	1.40227	0.844299	0.947787	-1.05509	30.3754	35.7803	1.04705	1
cg04450501	0.134504	0.824394	-1.21301	0.0234218	0.723216	-1.38271	0.264488	1.14933	1.14933	0.0108828	0.68209	-1.46608	28.8537	6.54442	0.201612	1
cg04874129	0.000362263	0.506415	-1.97467	0.0570971	0.774003	-1.29198	2.02E-06	4.03571	4.03571	0.0997278	1.23949	1.23949	24.1511	5.41727	0.199384	1
cg27047406	0.0284444	0.657919	-1.51994	0.000429925	0.405768	-2.46446	2.84E-05	3.78948	3.78948	0.63145	0.924738	-1.08139	22.6813	9.4154	0.368993	1
cg03860054	0.685968	1.06037	1.06037	0.00852293	0.616263	-1.62268	0.140999	0.795878	-1.25647	0.517906	0.909804	-1.09914	16.4173	5.4066	0.292732	1
cg09774787	0.000319872	0.309003	-3.23622	0.0172922	1.79427	1.79427	0.773297	0.94343	-1.05996	0.0164319	0.553694	-1.80605	15.6053	10.0466	0.57226	1
cg04313338	0.123021	0.796727	-1.25514	0.0187647	0.678885	-1.473	0.804482	1.03431	1.03431	4.55E-05	0.350431	-2.85363	15.3279	4.49046	0.26041	1
cg27191081	0.00414669	2.27205	2.27205	0.814301	1.05153	1.05153	0.00537461	0.457163	-2.1874	0.0128046	0.516736	-1.93522	13.1928	9.52772	0.641948	1
cg01277542	0.164666	1.94217	1.94217	0.694303	1.19348	1.19348	5.66E-05	28.4762	28.4762	0.105021	0.452401	-2.21043	9.27859	29.4645	2.8227	1
cg02935718	0.00151008	0.217763	-4.59215	0.0142393	0.364827	-2.74103	0.00584521	0.30016	-3.33155	0.0452648	0.464878	-2.1511	8.2514	14.5344	1.56573	1
cg09321400	0.62011	0.751958	-1.32986	0.00289306	0.0966521	-10.3464	0.00285394	10.4037	10.4037	0.256002	1.9669	1.9669	7.45843	38.4465	4.58201	1
cg27579359	0.659598	0.936745	-1.06753	0.0290054	1.46145	1.46145	0.0188299	0.65739	-1.52117	0.657565	0.936349	-1.06798	6.05038	2.08246	0.305944	1
cg03226000	0.302308	0.756392	-1.32206	0.00194132	3.34155	3.34155	0.00646415	2.61229	2.61229	0.979446	0.993328	-1.00672	5.54748	5.80841	0.814361	1
cg09382328	0.109016	1.80904	1.80904	0.0763208	0.512306	-1.95196	0.596339	0.834177	-1.19879	0.481257	1.27482	1.27482	3.74325	6.8202	1.61956	1
cg20953187	0.498361	1.08542	1.08542	0.0144438	0.698039	-1.43258	1.19E-08	14.9232	14.9232	0.266445	0.871027	-1.14807	67.4932	15.2021	0.200212	1
cg27269492	0.67591	0.948531	-1.05426	0.170589	0.832432	-1.2013	0.00489594	0.625839	-1.59786	0.551712	1.07862	1.07862	14.6871	3.67425	0.222372	1
cg04746914	0.0319536	0.576166	-1.73561	0.0314861	0.575005	-1.73911	0.0935918	0.667293	-1.49859	0.00179735	0.377492	-2.64906	13.8702	10.571	0.677451	1
cg19137818	0.0836539	0.587197	-1.70301	0.000352997	4.93355	4.93355	0.000683244	4.23258	4.23258	0.640892	0.877538	-1.13955	11.8604	14.5255	1.08863	1
cg12359315	0.854318	0.934633	-1.06994	3.41E-05	0.052289	-19.1245	0.00231267	4.78515	4.78515	0.0928325	0.506552	-1.97413	11.6253	24.9066	1.9044	1
cg13719314	0.355858	1.45636	1.45636	7.34E-05	0.0575973	-17.3619	0.179191	0.568458	-1.75914	0.238095	0.613133	-1.63097	10.3372	25.6539	2.20597	1
cg23255837	0.713867	1.12831	1.12831	0.000126548	8.90996	8.90996	0.855675	1.0615	1.0615	0.850266	0.93993	-1.06391	8.90894	15.1612	1.51271	1
cg16309260	0.00324274	0.453271	-2.20619	0.00204635	0.424679	-2.35472	0.00315159	0.451476	-2.21495	0.114469	0.712954	-1.40261	8.80278	5.41501	0.546797	1
cg25924911	0.306011	0.886959	-1.12745	0.00462485	0.652806	-1.53185	0.0955218	1.23031	1.23031	0.280149	0.880674	-1.13549	6.58393	1.33581	0.180346	1
cg08826127	0.400359	1.11646	1.11646	0.00223433	0.578157	-1.72963	0.0212305	1.42538	1.42538	0.663237	1.05767	1.05767	6.49574	1.68482	0.230554	1
cg22497313	0.000833865	0.578109	-1.72978	0.690795	0.957368	-1.04453	0.0039648	1.52526	1.52526	0.428206	0.915636	-1.09214	6.08465	1.14422	0.167155	1
cg15576918	0.0716717	0.520433	-1.92148	0.000317193	0.150476	-6.6456	0.337978	0.725597	-1.37818	0.307904	0.709828	-1.40879	6.04144	10.0901	1.48458	1
cg24261921	0.837322	1.07215	1.07215	0.035136	0.435317	-2.29718	0.0279352	0.414715	-2.41129	0.0664707	0.497865	-2.00857	5.27076	9.58587	1.61661	1
cg05461503	0.142552	0.499175	-2.00331	0.00276387	0.162063	-6.17045	0.197076	1.82416	1.82416	0.0700228	0.409459	-2.44225	5.22683	16.085	2.73547	1
cg24940967	0.0308566	0.189093	-5.28839	0.0021206	0.0585598	-17.0765	0.173098	2.59185	2.59185	0.0460085	0.222626	-4.49185	4.41117	30.1519	6.07586	1
cg09251680	0.505855	0.847825	-1.17949	0.370549	0.798628	-1.25215	0.0798455	0.621686	-1.60853	0.0182619	0.49629	-2.01495	4.09002	3.87374	0.841885	1
cg22708635	3.32E-06	0.106924	-9.35239	2.14E-06	0.0935306	-10.6917	1.23E-05	0.153067	-6.53307	0.000736899	0.352011	-2.84082	49.5316	32.5253	0.583695	1
cg07392358	0.116177	0.656844	-1.52243	1.57E-06	0.0507188	-19.7165	4.04E-06	0.0717973	-13.9281	0.000316098	0.237753	-4.20605	47.6967	45.7808	0.853184	1
cg24178621	0.0464152	0.549416	-1.82012	0.309837	1.31771	1.31771	0.917307	1.02764	1.02764	0.00100915	0.277781	-3.59995	39.521	43.1403	0.970292	1
cg21161187	0.0784922	0.769985	-1.29873	1.61E-07	0.113496	-8.8109	0.283047	1.16088	1.16088	0.658003	1.06139	1.06139	37.5611	10.6406	0.25181	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg19440506	SLC6A3	7.86E-05	0.876601	0.960167	-1.04149	0.163053	1.47621	1.47621	0.0841563	0.606628
cg01135950	SLC6A3	8.57E-05	8.47E-05	0.10078	-9.92257	0.00498405	0.299025	-3.3442	0.00627786	0.3146
cg21163347	SLC6A3	0.000152575	0.621152	1.15019	1.15019	0.000144761	6.28458	6.28458	0.975895	0.991549
cg26269038	SLC6A3	0.000208684	1.26E-05	0.295502	-3.38408	0.418792	0.896232	-1.11578	0.0126065	0.662762
cg27580375	SLC6A3	0.000410231	0.000369416	0.280433	-3.56591	0.00656876	0.455053	-2.19754	0.49201	0.855858
cg05232496	SLC6A3	0.000436064	0.0657983	0.496136	-2.01558	0.000512153	0.15854	-6.30756	0.00174405	0.219727
cg09892121	SLC6A3	0.000502964	0.319578	0.817946	-1.22257	0.047229	0.641724	-1.5583	0.00172728	0.417515
cg20471798	SLC6A3	0.000596561	0.117592	0.762098	-1.31217	0.325773	0.850284	-1.17608	4.40E-05	0.289919
cg03988700	SLC6A3	0.000815551	0.0546684	0.673261	-1.48531	0.957367	1.00975	1.00975	0.00687552	0.529831
cg12484332	SLC6A3	0.000913246	0.000998167	0.349607	-2.86036	0.00546049	0.455742	-2.19423	0.0278318	0.57179
cg00525874	SLC6A3	0.00101222	0.0012999	0.163979	-6.09836	0.00100132	0.151737	-6.59036	0.0352745	0.388148
cg25363289	SLC6A3	0.00109099	0.00260534	0.385034	-2.59717	0.694368	1.09458	1.09458	0.445886	1.19461
cg16180821	SLC6A3	0.00152265	0.407123	1.22735	1.22735	0.00023015	0.228186	-4.38239	0.00150745	0.331367
cg12882697	SLC6A3	0.00175754	0.0181473	1.70998	1.70998	0.864576	0.968583	-1.03244	0.956441	0.989838
cg09691393	SLC6A3	0.00192295	0.455033	1.27005	1.27005	0.643383	0.863749	-1.15774	0.0351916	0.462665
cg17999358	SLC6A3	0.00228012	0.00358029	0.322676	-3.09909	0.23315	0.698793	-1.43104	0.00115246	0.254279
cg02929434	SLC6A3	0.00233842	0.0908159	1.38275	1.38275	0.173441	1.28653	1.28653	0.797098	1.04584
cg27348223	SLC6A3	0.00308811	0.0383993	1.77042	1.77042	0.0541409	1.68272	1.68272	0.1877	1.39435
cg10860553	SLC6A3	0.00350284	0.0253024	1.99779	1.99779	0.010326	2.31838	2.31838	0.00277638	0.341818
cg04073265	SLC6A3	0.00443657	0.915816	1.07034	1.07034	0.00576826	0.0977341	-10.2318	0.0120843	0.133779
cg13557594	SLC6A3	0.00515207	0.3255	0.613144	-1.63094	0.0279667	0.28619	-3.49418	0.0171474	0.246691
cg00232679	SLC6A3	0.00564962	0.0595486	1.60048	1.60048	0.0209343	1.84875	1.84875	0.00455799	0.433632
cg24756227	SLC6A3	0.00633511	0.0197209	0.579261	-1.72634	0.0112721	0.54042	-1.85041	0.00218033	0.434514
cg14588307	SLC6A3	0.00656572	0.973226	0.984443	-1.0158	0.00556726	0.182454	-5.48084	0.0219215	0.276788
cg08943004	SLC6A3	0.0078289	0.239305	1.30843	1.30843	0.00241091	0.397725	-2.5143	0.0097636	0.490232
cg00997378	SLC6A3	0.00817488	0.384275	1.13003	1.13003	0.200254	1.20371	1.20371	0.0666776	0.75445
cg01204634	SLC6A3	0.00862055	0.202235	0.680387	-1.46975	0.664771	0.882761	-1.13281	0.000276914	0.18228
cg04210284	SLC6A3	0.0112491	0.257274	1.3022	1.3022	0.49685	1.16658	1.16658	0.032379	0.571483
cg10838500	SLC6A3	0.0112683	0.247279	0.75248	-1.32894	0.5546	0.86892	-1.15085	0.00210864	0.361896
cg19728345	SLC6A3	0.0115973	0.139552	0.421933	-2.37005	0.286223	0.54822	-1.82409	0.110028	0.388533
cg14994247	SLC6A3	0.0117816	0.00460842	0.359864	-2.77883	0.0853094	0.597123	-1.6747	0.249562	0.721668
cg10420578	SLC6A3	0.0119264	0.00335103	0.173381	-5.76766	0.0289626	0.322958	-3.09637	0.0308637	0.328635
cg19664229	SLC6A3	0.0122789	0.215816	0.811776	-1.23187	0.0403343	0.684444	-1.46104	0.000479319	0.415937
cg11234429	SLC6A3	0.0129263	0.00705764	0.227575	-4.39416	0.0113235	0.259722	-3.85027	0.116413	0.4842
cg08713711	SLC6A3	0.0131339	0.0529567	0.541722	-1.84597	0.00206939	0.298529	-3.34976	0.740945	1.09688
cg13723431	SLC6A3	0.0156788	0.0428774	0.41109	-2.43256	0.0686424	0.459598	-2.17581	0.519697	0.779625
cg03901281	SLC6A3	0.0188753	0.974558	0.987521	-1.01264	0.00206045	0.181012	-5.52449	0.00354614	0.210927
cg15999077	SLC6A3	0.0223283	0.859203	0.953307	-1.04898	0.449509	1.23064	1.23064	0.00405781	0.353789
cg24712501	SLC6A3	0.0268377	0.661161	1.11185	1.11185	0.267266	1.32026	1.32026	0.00348659	0.385617
cg02688422	SLC6A3	0.0284535	0.0147948	0.233656	-4.2798	0.162209	0.485076	-2.06153	0.0715659	0.377027
cg15600751	SLC6A3	0.0301237	0.325699	0.775538	-1.28943	0.461473	0.828785	-1.20658	0.00214304	0.339568
cg16526509	SLC6A3	0.035404	0.00375184	0.105243	-9.50183	0.631673	1.32038	1.32038	0.0204795	0.200525
cg16392193	SLC6A3	0.040949	0.654022	0.891558	-1.12163	0.555692	0.859291	-1.16375	0.00399431	0.373633
cg07525751	SLC6A3	0.0411526	0.211055	1.64283	1.64283	0.323686	0.681134	-1.46814	0.0332296	0.391535
cg12516187	SLC6A3	0.0487807	0.0334924	0.177259	-5.64147	0.941171	1.05275	1.05275	0.216939	0.40461
cg04598517	SLC6A3;SLC6A3	0.000350042	0.456827	1.18657	1.18657	0.439949	1.19459	1.19459	0.536137	0.868115
cg22584138	SLC6A4	0.00995493	0.0411631	3.3048	3.3048	0.00306252	7.82817	7.82817	0.300798	1.72292
cg24984698	SLC6A4	0.0189848	0.0492901	0.48742	-2.05162	0.00281283	0.267646	-3.73627	0.0320683	0.447439
cg26126367	SLC6A4	0.0379046	0.0250148	0.408241	-2.44953	0.453885	0.773887	-1.29218	0.0170217	0.376227
cg27569822	SLC6A4	0.0427722	0.112054	0.743072	-1.34577	0.0387056	1.50815	1.50815	0.142874	1.31031
cg10901968	SLC6A4	0.0491188	0.0325325	0.626955	-1.59501	0.16365	0.757782	-1.31964	0.106076	1.39004
cg05016953	SLC6A4;SLC6A4	0.0389166	0.0221724	1.52174	1.52174	0.390078	0.873855	-1.14435	0.588048	0.919678
cg03771731	SLC6A5	5.22E-06	0.0197207	0.794489	-1.25867	0.0484059	1.20228	1.20228	8.91E-06	0.455402
cg26213155	SLC6A5	3.85E-05	0.000144079	2.94918	2.94918	0.0210666	1.58126	1.58126	0.109642	0.74973
cg00007644	SLC6A5	4.37E-05	0.128827	0.840362	-1.18996	0.705064	0.960508	-1.04112	0.100326	0.826327
cg04032066	SLC6A5	0.000127032	0.509064	0.906366	-1.10331	0.0584038	1.36873	1.36873	0.828181	1.03242
cg10841552	SLC6A5	0.000177825	0.51478	1.08535	1.08535	0.00115965	1.80696	1.80696	0.650716	1.05814
cg11288764	SLC6A5	0.000278715	0.0324862	0.621684	-1.60853	0.522698	0.884248	-1.1309	0.0456574	0.647178
cg20551181	SLC6A5	0.000438837	0.388986	1.28326	1.28326	0.335878	0.755536	-1.32356	0.013249	0.420119
cg17424999	SLC6A5	0.000628039	0.0107172	0.503361	-1.98665	0.762475	1.06703	1.06703	0.0847802	1.50382
cg04569615	SLC6A5	0.000635082	0.195936	1.55332	1.55332	0.375486	1.34032	1.34032	0.000858893	0.199495
cg15083015	SLC6A5	0.000748303	0.0834556	0.513541	-1.94727	0.542603	0.807048	-1.23908	0.126762	1.77621
cg21591624	SLC6A5	0.000920478	0.484826	1.13036	1.13036	0.000709878	2.43595	2.43595	0.000338078	2.71076
cg21957058	SLC6A5	0.00153159	0.0958611	0.436973	-2.28847	0.0373415	0.33495	-2.98552	0.00458929	5.51775
cg18042724	SLC6A5	0.00196139	0.0787005	0.554618	-1.80304	0.74818	1.10212	1.10212	0.0465978	1.98955
cg12101354	SLC6A5	0.00221136	0.492097	0.822121	-1.21637	0.278567	0.728856	-1.37201	0.00403634	2.95686
cg03479705	SLC6A5	0.00642908	0.0160871	0.338113	-2.95759	0.00845386	0.290012	-3.44814	0.00145612	0.184004
cg24420041	SLC6A5	0.00849611	0.763315	0.96266	-1.03879	0.0822137	0.784571	-1.27458	0.0693528	0.774138
cg18855426	SLC6A5	0.00865918	0.000934061	0.114952	-8.69928	0.684295	1.19606	1.19606	0.458358	1.39193
cg07428491	SLC6A5	0.0209628	0.37399	1.40113	1.40113	0.408378	0.731589	-1.36689	0.00461318	0.248262
cg14524936	SLC6A5	0.0216787	0.147567	2.37822	2.37822	0.0715984	3.07002	3.07002	0.0154156	5.24601
cg03573068	SLC6A5	0.0240545	0.0375768	0.57454	-1.74052	0.941429	0.983262	-1.01702	0.0664137	0.623195
cg18954388	SLC6A5	0.0247588	0.088335	0.843539	-1.18548	0.0126721	0.755503	-1.32362	0.854707	0.98355
cg16635352	SLC6A5	0.0253238	0.00785191	3.09787	3.09787	0.654433	1.16107	1.16107	0.928082	1.03038
cg04968806	SLC6A5	0.0261408	0.16809	2.5682	2.5682	0.16055	2.61821	2.61821	0.507173	1.54044
cg15828364	SLC6A5	0.02786	0.852973	0.904848	-1.10516	0.798139	0.870986	-1.14812	0.0661633	3.03674
cg04592728	SLC6A5	0.0410726	0.0851319	0.542024	-1.84494	0.994928	0.997957	-1.00205	0.899294	0.960083
cg05645677	SLC6A5;SLC6A5	0.000783682	0.00435709	0.43885	-2.27868	0.00451542	0.441188	-2.26661	0.0419251	0.602348
cg10586672	SLC6A6;SLC6A6	0.0009706	0.00627185	0.439704	-2.27426	0.0991761	1.51749	1.51749	0.000860584	0.315187
cg03371447	SLC6A6;SLC6A6	0.00876202	0.456212	0.829436	-1.20564	0.150862	1.4614	1.4614	0.191755	0.711371
cg12342003	SLC6A6;SLC6A6	0.023558	0.795693	0.919914	-1.08706	0.550046	0.823209	-1.21476	0.00753772	0.330844
cg13496041	SLC6A6;SLC6A6	0.0446129	0.105811	1.66766	1.66766	0.0342951	0.489264	-2.04389	0.559697	0.843032
cg08926287	SLC6A6;SLC6A6;SLC6A6	0.0212543	0.124662	0.684201	-1.46156	0.449912	1.19216	1.19216	0.110187	1.48802
cg19148404	SLC6A6;SLC6A6;SLC6A6	0.0416743	0.44081	1.65504	1.65504	0.00896251	8.41846	8.41846	0.0173194	6.40956
cg21291896	SLC6A6;SLC6A6;SLC6A6;SLC6A6;SLC6A6;SLC6A6	0.0440921	0.532143	0.906753	-1.10284	0.00205651	1.95745	1.95745	0.182214	1.24484
cg02414785	SLC6A7	0.0110832	0.116676	0.551357	-1.81371	0.00466887	3.72026	3.72026	0.394147	0.737235
cg21212995	SLC6A7	0.0261252	0.0456418	2.66091	2.66091	0.101698	2.14932	2.14932	0.0366451	2.82054
cg08631357	SLC6A7	0.0266494	0.1491	0.694917	-1.43902	0.272494	1.30825	1.30825	0.359389	0.801163
cg09588653	SLC6A7	0.0315369	0.149467	1.32196	1.32196	0.323031	0.831649	-1.20243	0.0443512	0.658966
cg11201401	SLC6A7	0.0374096	0.136787	2.3456	2.3456	0.0208419	4.39021	4.39021	0.0877423	2.72489
cg16024318	SLC6A7;SLC6A7	0.0267086	0.377849	0.509491	-1.96274	0.112456	3.62495	3.62495	0.220136	2.61385
cg01819787	SLC6A8;SLC6A8	0.0016007	0.445106	1.06709	1.06709	0.0503265	0.830189	-1.20455	0.414842	1.072
cg26433812	SLC6A8;SLC6A8	0.0052858	0.00260507	2.28535	2.28535	0.209131	1.29999	1.29999	0.246684	1.27133
cg01577514	SLC6A8;SLC6A8;SLC6A8	0.00118434	0.259133	1.1209	1.1209	0.363332	0.913409	-1.0948	0.148952	0.860661
cg18476631	SLC6A8;SLC6A8;SLC6A8	0.00340363	0.211883	0.834632	-1.19813	0.00204265	0.550184	-1.81757	0.679858	0.944559
cg20095274	SLC6A8;SLC6A8;SLC6A8	0.00503002	0.398778	0.894358	-1.11812	0.302073	0.870947	-1.14818	0.00818625	0.645778
cg18010669	SLC6A8;SLC6A8;SLC6A8	0.0123534	0.186386	0.851173	-1.17485	0.00436487	0.645311	-1.54964	0.174391	0.846879
cg04307491	SLC6A8;SLC6A8;SLC6A8	0.0146332	0.0945224	0.707233	-1.41396	0.0564173	0.665559	-1.5025	0.3372	0.829867
cg13762255	SLC6A8;SLC6A8;SLC6A8	0.0201013	0.0507938	1.77767	1.77767	0.0363934	0.533206	-1.87545	0.118181	0.644951
cg20279479	SLC6A8;SLC6A8;SLC6A8;SLC6A8;SLC6A8	0.031573	0.0425179	2.10445	2.10445	0.524572	0.81431	-1.22803	0.251263	0.682602
cg18183642	SLC6A9	0.000419443	0.316556	0.843555	-1.18546	0.00750349	1.76021	1.76021	0.996292	1.00076
cg12461125	SLC6A9	0.0265342	0.232916	1.20691	1.20691	0.244722	0.832802	-1.20077	0.798194	1.03927
cg19706472	SLC6A9;SLC6A9;SLC6A9	0.000302622	0.525296	1.08578	1.08578	0.00929021	0.655759	-1.52495	0.836438	0.973916
cg09327836	SLC6A9;SLC6A9;SLC6A9	0.00273727	0.441284	0.851406	-1.17453	0.0431442	1.61067	1.61067	0.830214	1.04497
cg20269352	SLC6A9;SLC6A9;SLC6A9	0.0137648	0.0209673	0.60061	-1.66497	0.685945	0.928101	-1.07747	0.964814	1.00813
cg06807641	SLC6A9;SLC6A9;SLC6A9	0.0187797	0.0180809	0.467722	-2.13802	0.0140137	0.448027	-2.23201	0.0990081	0.619612
cg10752421	SLC7A1	6.52E-05	0.442861	0.836167	-1.19593	0.253556	0.761335	-1.31348	0.003287	0.400125
cg26128312	SLC7A1	0.000329011	0.0193018	0.759939	-1.31589	0.0502025	1.24182	1.24182	0.0226456	1.30309
cg10778996	SLC7A1	0.000627277	0.0891595	1.53088	1.53088	4.97E-05	0.177243	-5.64198	0.00476071	0.426788
cg15003482	SLC7A1	0.00120694	0.0479878	0.715614	-1.3974	0.000728276	0.467478	-2.13914	0.00722699	0.598644
cg02756849	SLC7A1	0.00149452	0.161087	0.7896	-1.26646	0.00622131	1.75571	1.75571	0.89505	0.979386
cg03904840	SLC7A1	0.00355734	0.555288	0.906168	-1.10355	0.00947724	0.58107	-1.72096	0.0219593	0.635153
cg09887627	SLC7A1	0.00726284	0.0996537	0.724076	-1.38107	0.352082	0.842541	-1.18689	0.141851	1.32654
cg20845305	SLC7A1	0.00919402	0.0376825	0.683318	-1.46345	0.0496124	0.70201	-1.42448	0.0496961	0.702126
cg09121849	SLC7A1	0.0114872	0.715398	0.849068	-1.17776	0.811254	0.898658	-1.11277	0.546728	1.31367
ch.13.268523R	SLC7A1	0.012394	0.00375958	0.324339	-3.08319	0.00416809	0.331096	-3.02027	0.00731449	0.369518
cg10905736	SLC7A1	0.0134959	0.0715198	0.614702	-1.6268	0.287728	0.765752	-1.30591	0.47341	1.19281
cg19456164	SLC7A1	0.0146061	0.650962	0.804496	-1.24301	0.606465	1.2817	1.2817	0.249468	1.77694
cg01213557	SLC7A1	0.0155961	0.0141288	0.287548	-3.47768	0.00279501	0.183475	-5.45034	0.0412953	0.379575
cg11760099	SLC7A1	0.0239985	0.638855	0.892688	-1.12021	0.046735	1.72778	1.72778	0.00423558	2.50792
cg02497486	SLC7A1	0.0290864	0.0149561	0.178972	-5.58747	0.0665301	0.306317	-3.2646	0.198712	0.457957
cg16437134	SLC7A1	0.0302554	0.725343	1.07902	1.07902	0.00701341	0.471555	-2.12064	0.00901379	0.488752
cg07549671	SLC7A1	0.0309266	0.206806	0.815672	-1.22598	0.0029471	0.535392	-1.86779	0.0267727	0.669289
cg03937082	SLC7A1	0.0310378	0.0618136	0.5621	-1.77904	0.695156	0.897748	-1.1139	0.830964	0.943131
cg17798847	SLC7A1	0.0321418	0.226827	1.46074	1.46074	0.0116887	2.56235	2.56235	0.0203855	2.30431
cg26117398	SLC7A1	0.0388199	0.03934	0.417931	-2.39274	0.94827	1.02403	1.02403	0.462967	0.76078
cg13272818	SLC7A10	7.66E-05	0.000770088	0.587088	-1.70332	0.0102845	0.713046	-1.40243	0.118388	0.837525
cg00910067	SLC7A10	0.00103669	0.0381848	0.491093	-2.03628	0.546691	0.834819	-1.19786	0.311743	0.733627
cg18031850	SLC7A10	0.0016176	0.686998	1.07029	1.07029	0.0475613	0.683849	-1.46231	0.0766664	0.718772
cg04305036	SLC7A10	0.0107398	0.00861381	0.451181	-2.21641	0.0056793	0.422343	-2.36774	0.861869	0.959469
cg03049846	SLC7A10	0.0206891	0.00240438	0.327138	-3.05681	0.386565	0.790926	-1.26434	0.530054	0.845273
cg09968457	SLC7A10	0.0208823	0.0860459	0.479509	-2.08547	0.427813	0.730749	-1.36846	0.097268	0.494042
cg18336281	SLC7A10	0.0377794	0.566147	0.816959	-1.22405	0.02915	2.4501	2.4501	0.879162	0.948349
cg15441006	SLC7A11	0.000809618	0.875427	1.0265	1.0265	0.000163069	0.342186	-2.92239	0.000250307	0.365248
cg24869834	SLC7A11	0.00222819	0.00547851	0.350463	-2.85337	0.289317	1.37128	1.37128	0.00704034	0.367853
cg02102889	SLC7A11	0.00539902	0.0367269	0.495886	-2.01659	0.00184386	0.278552	-3.59	0.00330679	0.314592
cg14588399	SLC7A13	0.000147395	6.36E-05	0.204506	-4.88984	0.000431219	0.300787	-3.32461	5.96E-05	0.201516
cg17719360	SLC7A13	0.00020537	6.37E-05	0.147955	-6.75883	0.000277639	0.213185	-4.69076	0.0807222	0.604591
cg10207510	SLC7A13	0.0269992	0.00342724	0.317224	-3.15235	0.00493202	0.341174	-2.93106	0.905863	0.966414
cg05663573	SLC7A14	0.00315706	0.326444	0.636858	-1.57021	0.915075	1.04865	1.04865	0.57079	1.29065

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17337086	SLC7A14	0.00555756	0.00393235	1.75339	1.75339	0.02605	0.682329	-1.46557	0.380977	0.878046	-1.13889	0.203807	1.21423	1.21423	0.499212	1.10437	1.10437	0.928558	0.987105	-1.01306	0.00100034	2.02819	2.02819	0.434295	0.890953	-1.12239	0.044083	0.715483	-1.39766	7.1048	2.357	0.294886	1
cg24977541	SLC7A14	0.00835618	0.951054	1.0159	1.0159	0.00514984	0.387016	-2.58387	0.101893	0.631243	-1.58418	0.15951	1.47146	1.47146	0.00258135	0.341869	-2.9251	0.0248926	0.503615	-1.98564	0.311573	1.30865	1.30865	0.503612	1.19053	1.19053	0.00946747	0.429629	-2.32759	6.25765	6.54328	0.929462	1
cg05937737	SLC7A14	0.00848651	0.00637789	1.45551	1.45551	0.0136329	0.724223	-1.38079	0.0367574	1.29245	1.29245	0.0300444	1.30974	1.30974	0.688922	0.958343	-1.04347	0.228873	0.875007	-1.14285	0.758056	0.967858	-1.03321	0.00482108	1.48499	1.48499	0.874868	0.983474	-1.0168	6.22714	1.10267	0.157399	1
cg11624728	SLC7A14	0.00920861	0.00585003	0.192465	-5.19574	0.197938	0.537145	-1.86169	0.202958	0.541274	-1.84749	0.0837462	0.417244	-2.39668	0.0282986	0.306494	-3.26271	0.0104327	0.229307	-4.36097	0.000731862	0.0959066	-10.4268	0.156523	0.500482	-1.99807	0.00611379	0.195097	-5.12566	6.06805	20.0463	2.93651	1
cg09543255	SLC7A14	0.0189394	0.606636	0.84324	-1.1859	0.889529	0.9554	-1.04668	0.80967	1.08244	1.08244	0.882099	0.952447	-1.04993	0.580525	0.832565	-1.20111	0.645237	0.858824	-1.16438	0.337481	0.722796	-1.38352	0.000304985	6.86164	6.86164	0.280772	1.44491	1.44491	4.79223	8.18004	1.51728	1
cg24386206	SLC7A14	0.0284042	0.99597	1.00086	1.00086	0.000663209	2.4266	2.4266	0.0906037	1.37312	1.37312	0.436736	1.14446	1.14446	0.0256222	1.56977	1.56977	0.86672	0.971838	-1.02898	0.231624	1.23784	1.23784	0.320996	1.19051	1.19051	0.276978	1.21203	1.21203	4.16668	1.90866	0.40718	1
cg19236645	SLC7A14	0.0300932	0.022856	0.268153	-3.72921	0.219814	0.536009	-1.86564	0.38406	0.649614	-1.53938	0.151075	0.475375	-2.1036	0.00594399	0.175756	-5.68971	0.285628	1.70916	1.70916	0.407557	0.664008	-1.50601	0.065599	0.368356	-2.71477	0.00598978	0.176196	-5.6755	4.08233	15.1038	3.2887	1
cg07754117	SLC7A14	0.0312241	0.0633153	0.342987	-2.91556	0.00420095	0.140207	-7.13229	0.227496	0.522493	-1.9139	0.797933	0.876817	-1.14049	0.00352443	0.131699	-7.59309	0.973843	1.01694	1.01694	0.746595	0.846937	-1.18072	0.432964	1.50684	1.50684	0.194418	0.494905	-2.02059	4.02906	16.7535	3.69613	1
cg21884231	SLC7A14;SLC7A14	5.56E-08	0.467661	0.903472	-1.10684	0.00796144	0.626694	-1.59568	0.0633114	0.750618	-1.33224	0.0802335	0.766004	-1.30548	0.186025	1.21239	1.21239	0.0128235	0.654061	-1.52891	4.43E-10	0.00897446	-111.427	0.0530423	1.35252	1.35252	0.00102212	1.95194	1.95194	152.616	45.604	0.265614	1
cg11553245	SLC7A2	0.00629761	0.00149467	0.225563	-4.43336	0.432174	1.29787	1.29787	0.727282	0.892371	-1.12061	0.316638	0.714114	-1.40034	0.00384892	0.281729	-3.54951	0.0124777	0.363847	-2.74841	0.0024772	0.254551	-3.92849	0.0166329	0.386312	-2.58858	0.204197	0.646743	-1.54621	6.83607	11.4531	1.48924	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N) vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N) vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1247 vs. N)	Fold-Change(1 247 vs. N) vs. N)	p-value(1477 vs. N)	Fold-Change(1 477 vs. N) vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N) vs. N)	p-value(1577 vs. N)	Fold-Change(1 577 vs. N) vs. N)	p-value(5 637 vs. N)	Fold-Change(5 637 vs. N) vs. N)	t(Test)	S5(Test)	S5(Error)	
op4297105	SLC9A2	6.47E-05	1.59E-06	0.008815 65	-1.64727	0.210391	0.945995	-1.34049	0.00758244	0.466491	-2.14366	0.0775661	0.646894	-1.54585	0.000376158	0.283029	-3.53321	0.330075	0.787991	-1.23005	0.00111953	0.344582	-2.90207	0.00280678	0.400858	-2.49465	0.000769156	0.322759	-3.09829	23.1415	18.0672	0.693079	1
op15704872	SLC9A2	0.000658673	0.0184701	0.565907	-1.7559	0.0283782	1.64488	1.66488	0.000170167	0.283823	-3.52327	0.109378	0.70972	-1.4097	0.000373455	0.325809	-1.06848	0.0118323	0.538404	-1.85734	0.0308405	0.464176	-2.15436	0.000955861	0.379252	-2.63677	0.307317	0.812051	-1.23145	13.2345	8.13493	0.546379	1
op17343107	SLC9A2	0.000699782	0.000217364	0.292427	-3.41915	0.0039238	0.461327	-2.16766	0.000188023	0.415394	-2.40736	0.726086	1.07262	1.07262	0.000440547	0.330768	-3.02326	0.000951004	0.1746655	-2.66905	0.919505	0.980054	-1.02035	0.00143097	0.398871	-2.50707	0.0360131	0.615099	-1.62599	13.0121	8.18696	0.559273	1
op13411038	SLC9A2	0.002537738	0.000598671	0.029324	-2.0258	0.364129	0.645047	-1.55027	0.612893	1.27036	1.27036	0.001625354	1.119077	-8.35383	0.0586157	0.366254	-2.73007	0.647791	1.24139	1.24139	0.188965	0.518924	-1.92373	0.00274688	0.67878	0.67878	0.674845	0.8203081	-1.21939	8.99266	31.4776	3.11144	1
op26572770	SLC9A2	0.0255231	0.0400662	0.423454	-2.36153	0.629336	1.91261	1.91261	0.0194796	0.359587	-2.78097	0.236345	1.56737	1.56737	0.0160273	0.344795	-2.90027	0.124007	0.547007	-1.82813	0.0407293	0.247474	-4.04084	0.410247	0.73713	-1.35661	0.715141	0.875682	-1.14357	8.92593	8.98705	1.84665	1
op11915641	SLC9A2	0.0366176	0.797753	0.934344	-1.07027	0.738426	0.915183	-1.29028	0.00556607	0.62024	2.62024	0.311891	1.31872	1.31872	0.0778543	0.595588	-1.67901	0.563619	0.856932	-1.16695	0.351866	0.776179	-1.28836	0.0123515	0.227915	0.227915	0.658291	0.8889553	-1.12492	3.80423	4.21383	0.984594	1
op12722393	SLC9A2	0.0492391	0.0794617	0.359643	-2.78054	0.593678	0.753605	-1.32695	0.026323	0.25058	-3.99074	0.422345	0.650156	-1.53809	0.0262579	0.250376	-3.99399	0.0822607	0.363758	-2.74908	0.021678	0.23503	-4.25478	0.0121683	0.193698	-5.16267	0.0370096	0.2801188	-3.56903	3.40792	14.8045	3.88493	1
op26197231	SLC9A2;SLC9A2	0.00588096	0.305093	0.863234	-1.15403	0.0139258	1.51822	1.51822	0.0003460971	0.216572	2.13852	0.859315	1.0243	1.0243	0.545449	0.589284	1.08678	0.896668	1.01774	1.01774	0.0615756	0.746443	-1.33969	0.0136413	0.15111	1.51111	0.250919	1.17624	1.17624	6.98219	2.02469	0.257759	1
op12507879	SLC9A3	5.41E-06	0.6688899	0.852086	-1.17359	0.0530577	0.841275	-1.18867	0.00900423	0.7702	-1.29836	0.0011283	0.45763	-2.18503	0.0162504	0.229709	-4.35425	0.000562911	1.52252	1.52252	0.12246	0.241	-2.0656	0.0267634	0.12248	1.2248	0.0713286	1.17159	1.17159	47.5586	4.65638	0.0870297	1
op10634702	SLC9A3	1.36E-05	0.531092	0.913809	-1.09432	0.46842	1.11049	1.11049	0.874512	0.977797	-1.02271	0.732682	0.952461	-1.04991	0.536853	1.09291	1.09291	0.0329072	0.70155	-1.42542	1.49E-07	0.0969046	-10.3194	0.792696	0.963273	-1.03813	0.00013577	0.391275	-2.55575	37.4566	11.9726	0.284125	1
op26058576	SLC9A3	1.39E-05	0.561321	0.777553	-1.28107	0.0166602	1.47347	-1.56437	0.135828	1.56397	1.56397	0.0314593	1.334979	-1.56437	0.0314593	0.344779	-2.90055	8.53E-05	1.140294	-7.12787	5.98E-06	0.0592603	-16.8747	0.0860255	1.66954	1.62E-05	0.0843674	-11.8529	37.2702	45.9375	1.08988	1
op20558230	SLC9A3	4.40E-05	0.000364767	0.323347	-3.09266	0.102378	1.42384	1.42384	0.00817306	0.512174	-1.95246	0.0569079	0.653153	-1.53104	0.000514292	0.342437	-2.92024	0.000224304	0.297097	-3.36591	1.87E-06	0.0963215	-10.3819	0.228894	1.28353	1.28353	0.0013305	0.396379	-2.52284	27.5331	17.0406	0.550143	1
op12625146	SLC9A3	0.00012919	0.662014	0.199546	1.07486	0.0159357	1.51324	1.51324	0.0061097	0.555793	-1.79923	0.0219302	0.636853	-1.57012	0.00659821	0.560526	-1.78404	0.0322633	0.662637	1.50912	6.86E-06	0.19463	-5.13796	0.00456172	1.85888	1.85888	0.0033184	0.518775	-1.92762	20.6213	8.81881	0.379218	1
op6092548	SLC9A3	0.0013343	0.955287	0.989805	-1.0103	0.0125272	1.76412	1.76412	0.721829	1.06752	1.06752	0.932785	0.984701	-1.01554	0.802161	0.955154	-1.04695	0.0281846	1.60591	1.60591	2.12E-06	0.18972	-8.40855	0.0730304	1.4413	1.44113	0.586797	1.1055	1.1055	20.4927	10.8412	0.470247	1
op09647867	SLC9A3	0.000213806	0.000324351	0.375375	-2.66401	0.0597928	1.83899	0.355605	1.17456	1.17456	0.185386	1.26712	1.26712	0.0125881	0.452139	-2.21171	0.001626943	0.452628	-2.20932	0.0033171	0.5096	-1.96232	0.422826	1.14799	1.14799	0.000109479	0.137147	-3.15311	17.9596	8.07412	0.400064	1
op15084390	SLC9A3	0.000206028	0.162575	0.651891	-1.5341	2.72E-05	10.7585	10.7585	0.0110011	2.40707	2.40707	0.388881	1.38991	1.38991	0.373145	1.2099	-1.2099	0.995881	1.00148	1.00148	0.000342756	0.152276	-6.567	0.0138368	0.172852	1.40282	0.0387897	1.98723	1.98723	12.1106	1.15968	1
op10655629	SLC9A3	0.000292532	0.0275944	0.583045	-1.71513	0.017132	1.82524	1.82524	0.122702	1.41392	1.41392	0.309221	1.24351	1.24351	0.00746373	0.489968	-2.04095	0.0070172	0.485818	-2.05839	1.21E-05	0.1475931	-6.77541	0.0593789	1.55388	1.55388	0.3155115	0.806446	-1.24001	16.564	11.2513	0.607389	1
op08758174	SLC9A3	0.000307798	0.054183	0.526283	-1.90012	0.0940101	1.90749	1.91749	0.580184	0.846541	-1.17835	0.207051	1.47828	1.47828	0.00650898	0.702554	-1.4256	0.116432	0.605842	-1.6506	2.08E-05	0.08024901	-12.4674	0.0256543	2.90561	2.90561	0.494113	1.22627	1.22627	16.335	22.3253	1.21486	1
op24632646	SLC9A3	0.000314252	0.342089	0.790375	-1.26522	0.00165708	2.95001	2.95001	0.354074	1.25714	-1.29574	0.0092312	0.509225	1.96425	0.0001	0.3944	-2.53571	0.001973032	0.349575	-2.86061	0.00394521	0.39379	-2.53943	0.00254042	2.92008	2.92008	0.00493808	0.408298	-2.44679	16.2424	14.8579	0.813122	1
op22985016	SLC9A3	0.000334335	0.0392622	0.387496	-2.58067	0.381793	0.700103	-1.42836	0.0267364	0.352299	-2.8385	0.904771	1.04872	1.04872	0.000523557	0.116617	-8.57505	0.000337346	0.100572	-9.9431	2.24E-05	0.0341078	-29.3188	0.8541183	1.07586	1.07586	0.00310152	0.144071	-6.94104	15.9688	39.9551	2.22407	1
op10181940	SLC9A3	0.000340018	0.000242	0.284837	-3.51097	0.0027933	0.421406	-2.37301	0.0454825	0.629183	-1.58936	0.0158935	0.542878	-1.84202	0.00134809	0.331047	-3.01949	0.002859031	0.428268	-2.3327	2.89E-05	0.1838038	-5.44266	0.0439995	0.60196	0.60196	0.0036199	0.442862	-2.25804	15.8951	10.709	0.602334	1
op23551873	SLC9A3	0.000554255	0.69655	0.921411	-1.08529	0.00177285	0.93175	-2.5434	0.917903	0.978697	-1.02177	0.422391	1.18667	1.18667	0.304747	1.24853	1.24853	0.0136749	0.528443	-1.89056	1.68E-05	0.157736	-6.3397	0.481921	0.863134	-1.16099	0.00246945	0.415177	-2.40861	13.8873	9.59318	0.614034	1
op17836790	SLC9A3	0.000929394	0.0316159	0.13837	1.33837	0.0108353	0.709888	-1.66697	0.0905502	0.232595	-4.30016	0.0001265	0.288662	-3.4635	0.0001265	0.288662	-3.4635	0.0639692	0.381453	-2.62155	0.000156521	0.0504407	-19.8253	0.0195529	0.27185	-3.6785	0.00553693	0.185875	-5.37996	10.7058	36.1298	2.99981	1
op19969104	SLC9A3	0.00159871	0.127278	0.13544	1.33544	0.31645	1.19922	0.396171	0.858631	-1.16464	0.419239	1.15577	1.15577	0.126508	0.748304	1.33636	0.0758422	0.1414423	0.00524407	0.387481	-2.58077	0.00339383	2.75312	2.75312	0.0391809	1.51986	10.2888	5.01377	0.433158	1
op26707038	SLC9A3	0.00621783	0.5415052	0.136232	-1.29736	0.0139908	1.50511	-2.00602	0.479535	0.891654	-1.12167	0.0078805	0.472076	-1.46507	0.00367862	0.343123	-2.90455	0.000485182	0.048373	-1.3207	0.0038802	0.0724308	-13.8107	0.0012338	0.72008	1.07208	0.0133722	0.411388	-2.43079	8.03101	11.8899	1.18314	1
op26086288	SLC9A3	0.00287754	0.700501	1.15787	1.15787	0.288431	1.51888	1.51888	0.111074	1.93163	1.93163	0.215163	0.609673	-1.64022	0.000214688	0.0959802	-10.4188	0.0305414	0.381381	-2.62205	0.00241415	0.2001379	-4.96577	0.76299	1.12154	1.12154	0.0238661	0.359169	-2.78017	8.6646	19.7395	2.02504	1
op22052206	SLC9A3	0.000323574	0.0116307	0.228227	-2.72819	0.0080101	1.90749	1.91749	0.122241	1.85912	0.0615381	1.644455	-2.41292	0.0995382	0.170326	-4.88307	0.0004406	0.0774548	0.0003008	0.292554	-4.7156	0.0045101	0.183306	-5.45508	0.0068468	-2.39982	0.0638758	0.415903	-2.4044	8.30217	23.0718	2.64075	1
op10190355	SLC9A3	0.000360665	0.0090228	0.163384	-3.56071	0.565191	0.85101	-1.82162	0.225565	0.152828	0.588134	-1.70029	0.291386	0.68417	-1.46162	0.0238549	0.230422	-2.33987	0.006626336	0.294709	-3.39318	0.0044701	-6.8212	0.279671	0.677314	-1.47642	0.0104059	0.207894	-4.81014	8.10065	15.4192	1.69196	1
op26483795	SLC9A3	0.000461847	0.0454218	0.492945	-2.02863	0.0979013	0.571373	-1.75017	0.0188374	0.415999	-2.40385	0.619956	0.857184	-1.16661	0.000262185	0.157314	-6.35672	0.0119564	0.38033	-2.6293	0.0283463	0.4503	-2.22074	0.787191	0.919973	-1.08699	0.00192677	0.258419	-3.86968	7.51817	11.3145	1.33774	1
op25189099	SLC9A3	0.00470127	0.114636	0.488437	-2.05097	0.0127056	1.83438	1.64488	0.645747	1.64488	0.645747	0.0127056	1.83438	-1.21307	0.604896	1.09559	1.09559	0.0008248	0.242334	-4.12546	0.00502369	0.2319741	-4.31074	1.15358	1.50354	1.50354	0.0035179	0.243212	-4.11163	7.94745	20.6483	2.45459	1
op28894626	SLC9A3	0.00491053	0.008564468	0.486482	-2.05558	0.00046099	2.2247	3.2247	0.1133	1.44809	0.768343	0.598513	-1.66551	0.1655011	0.388773	0.827152	-1.20897	0.084496	1.5068	1.5068	0.237448	0.766515	-1.30461	0.0329857	0.585232	-1.70872	0.863117	1.03771	1.03771	7.37914	5.39462	0.649835	1
op01228410	SLC9A3	0.00587463	0.390385	0.7454	-1.34133	0.0108353	0.709888	-1.66697	0.0905502	0.232595	-4.30016	0.0001265	0.288662	-3.4635	0.0001265	0.288662	-3.4635	0.0639692	0.381453	-2.62155	0.000156521	0.0504407	-19.8253	0.0195529	0.27185	-3.6785	0.00553693	0.185875	-5.37996	10.7058	36.1298	2.99981	1
op07834249	SLC9A3	0.0005943	0.368522	-1.16536	1.16536	0.00174371	2.09498	2.09498	0.00291921	1.96907	1.96907	0.806233	1.04156	1.04156	0.3	1.19478	1.19478	0.0639692	0.381453	-2.62155	0.000156521	0.0504407	-19.8253	0.0195529	0.27185	-3.6785	0.00553693	0.185875	-5.37996	10.7058	36.1298	2.99981	1
op17958577	SLC9A3	0.0075619	0.344889	0.821907	-1.21668	0.0191783	0.564788	-1.77057	0.261411	0.788695	-1.26631	0.151311	1.36339	1.36339	0.0124169	0.534033	-1.87254	0.529505	0.87949	-1.13702	0.00632302	0.346923	-2.88249	0.312347	1.23453	1.23453	0.0138749	0.541782	-1.84576	6.45735	4.15641	0.572151	1
op19980199	SLC9A3	0.00796503	0.214644	0.4	-2.50001	0.0176974	1.5976	1.5976	0.199871	1.18381	1.18381	0.210004	0.757523	-1.32095	0.0191515	0.390424	-2.56265	0.161053	1.1305	1.1305	0.00378814	0.256105	-3.90465	0.1072	1.52466	1.52466	0.392137	0.810437	1.2339	0.63267	5.1866	0.809969	1
op04181066	SLC9A3	0.00837089	0.00216837	0.643173	-1.55479	0.0617631	1.24081	1.24081	0.566141	0.942253	-1.06129	0.138624	1.17763	1.17763	0.483331	1.0758	1.0758	0.89859	0.987009	-1.01316	0.00379003	1.49266	1.49266	0.113323	0.83801	-1.1933	0.1106613	0.83669	-1.19519	6.25418	1.04188	0.148079	1
op14153783	SLC9A3	0.00863572	0.002374128	0.208225	-4.80274	0.0809957	1.58415	-1.71189	0.643041	0.809567	-2.4441	0.0864548	1.946319	-2.36723	0.00739315	0.270805	-3.69269	0.045606	0.474859	-2.10575	0.00144863	0.1434929	-6.96723	0.0122609	0.49404	0.49404	0.0010496	0.182575	-5.48924	6.40992	14.0534	2.19246	1
op14137381	SLC9A3	0.00895219	0.0401896	0.084012	-11.9031	0.00191574	0.010147	-98.5513	0.0444126	0.0000852	-11.5557	0.159736	0.208139	-4.80449	0.0028582	-0.01357	0.159736	0.009755	0.102475	-9.75201	0.0001	0.0010248	-97.6007	0.0038822	0.00125	0.00125	0.0001	0.0001	-10000	0.0001	0.0001	0.0001	1
op13013644	SLC9A3	0.0091191	0.0191662	0.408822	-2.49487	0.0992706	0.34387	-2.90807	0.0438149	0.472776	-2.11557	0.10224	0.560908	-1.78282	0.000572615	0.178344	-5.60714	0.0305414	0.381381	-2.62205	0.00241415	0.2001379	-4.96577	0.76299	1.12154	1.12154	0.0238661	0.359169	-2.78017	8.6646	19.7395	2.02504	1
op14233679	SLC9A3	0.0031651	0.0237142	0.228227	-4.37993	0.0809957	1.58415	-1.71189	0.643041	0.809567	-2.4441	0.0864548	1.946319	-2.36723	0.00739315	0.270805	-3.69269	0.045606	0.474859	-2.10575	0.00144863	0.1434929	-6.96723	0.0122609	0.49404	0.49404	0.0010496	0.182575	-5.48924	6.40992	14.0534	2.19246	1
op25340936	SLC9A3	0.0100026	0.0622908	0.1628	1.3628	0.369486	1.34472	1.34472	0.49657	0.80121	-1.24811	0.0957586	1.78614	1.78614	0.375242	1.33971	1.33971	0.864255	0.946496	-1.05653	0.00947293	0.43675	-2.87636	0.0011608	0.63265	0.63265	0.0378886	0.73137	5.09103	0.566652	1.45385	1
op03116792	SLC9A3	0.0075316	0.0475314	0.170652	-2.55403	0.0144564	1.5801	1.5801	0.0644	1.12403	0.347767	-1.16905	0.0025807	-1.72477	-1.16905	0.0025807	-1.72477	0.1128224	0.5446	-1.83644	0.0144564	0.2322	0.92255	-1.08404	0.5587	0.5587	0.0144564	0.2322	-4.30675	0.92255	-1.08404	0.5587	1
op16149930	SLC9A3	0.0114614	0.0027195	0.390991	-2.5576	0.0740438	0.636613	-1.57081	0.0140872	0.502877	-1.98856	0.823953	1.05184	1.05184	0.00524092	0.437029	-2.30559	0.4886661	1.173	-1.173	0.386021	1.22333	1.22333	0.298823	0.783275	-1.27669	0.0129046	0.496488	-2.01415	5.65701	6.61005	0.724379	1
op13541012	SLC9A3	0.0115256	0.346754	1.1387	1.1387	0.0379576	1.81311	1.1831	0.181474	1.27863	1.27863	0.391325	1.16437	1.16437	0.0401152	0.677902	-1.47579	0.0107026	0.573891	-1.74249	0.0115256	0.1746437	-5.72485	0.0115256	1.38009	0.0012416	0.474629	-2.09895	5.4648	2.68506	0.423628	1
op13125275	SLC9A3	0.0117257	0.143527	0.71925	-1.71925	0.242786	1.52412	1.52412	0.18703	1.85353	0.364396	2.74544	2.74544	0.0107993	0.63668	0.802482	-1.24604	0.8078252	0.948441	-1.05436	0.0401101	0.450288	-2.2208	0.0054747	0.367257	0.367257	0.1188545	0.179253	1.79253	5.4961	10.346	1.67326	1
op25084851	SLC9A3	0.013369	0.150318	1.86265	1.86265	0.00223691	5.6229	5.6229	0.00715616	4.05918	4.05918	0.390142	1.42652	1.42652	0.383624	0.6974	-1.4339	0.457674	1.35676	1.35676	0.0030784	5.12684	5.12684	0.0467475	2.50551	2.50551	0.182161	1.77045	1.77045	5.38068	13.8683	2.29104	1
op05899269	SLC9A3	0.0134001	0.0094003	0.159137	-2.76382	0.0226433	0.440854	-3.62097	0.0613609	0.213523	0.197214	0.053889	-1.55303	0.197214	0.053889	-1.55303	0.197214	0.0108094	0.247371	0.2422344	-4.12646	0.0030235	0.047603	0.0997403	0.0759722	-1.48807	0.0539993	-1.04823	0.0997403	0.0759722	-1.48807	0.0539993	1
op18666982	SLC9A3	0.0157242	0.705057	0.933554	-1.07117	0.560257	1.11237	1.11237	0.216084	1.26539	1.26539	0.391349	1.1721	1.1721	0.00104578	0.415952	2.40413	0.0501382	0.667768	-1.49753	0.183752	1.29129	1.29129	0.109348	0.729306	-1.37117	0.0455117	0.66055	1.51389	5.10038	2.64087	0.460247	1
op19301897	SLC9A3	0.0157782	0.0129986	0.609111	-10.7399	0.0080101	0.636852	-12.0392	0.0106612	0.0857162	-11.6664	0.110225	0.263928	-3.78892	0.0091567	0.0794357	-12.5888	0.0681252	0.604743	-1.65337	0.0062467	0.2744	-4.73412	0.0134801	0.0962667	-10.3878	0.0801565	0.239014	-4.18385	0.0176915	0.10994	-9.09513	0.805576	44.5709	8.24388	1
op25518170	SLC9A3	0.0194752	0.483479	0.8093111	-1.23509	0.0109557	1.67845	1.67845	0.0128445	1.24125	0.783811	-1.27582	0.00476843	0.356435	0.95635	-1.04559	0.0474934	-1.72727	0.2442	-4.09551	0.0031073	0.4442	-2.2442	0.1784665	-1.27443	0.2764594	0.703339	0.4442	-2.2442	0.1149137	1.66194	6.74747	6.602888	2.22636	1
op10430011	SLC9A3	0.0194773	0.0591369	0.14558	1.45658	0.0148221	1.69745	0.6825511	1.40446	1.40446	0.00414492	0.507435	-1.9707	0.130988	1.19368	1.19368	0.126178	1.13917	1.13917	0.52011	1.12196	1.12196	0.0669057	1.43697	1.43697	0.465389	1.14011	1.14011	4.74703	2.34214	0.43857	1
op05124303	SLC9A3	0.0195443	0.0805244	0.1668	1.4668	0.0158553	1.7568	1.7568	0.188699	1.00365	0.00973	0.889425	0.950887	-1.05139	0.0425125	0.575506	-1.73756	0.0924064	1.01205	1.01205	0.0155204	0.1651	-6.05766	0.0998	0.952397	-1.04998	0.0413413	1.34476	1.34476	6.60686	2.02478	0.306477	1
op21271026	SLC9A3	0.0211708	0.995038	0.998656	-1.00135	0.0122447	0.509138	-1.9641	0.0796033	0.656483	-1.52327	0.691926	0.917456	-1.08997	0.0594308	1.58448	1.58448	0.665594	1.09863	1.09863	0.00961374	2.03207	2.03207	0.571284	0.883591	-1.13175	0.0363943	1.69241	1.69241	6.61424	3.41946	0.658726	1
op20099040	SLC9A3	0.0213846	0.799427	0.956487	-1.04545	0.789414	1.04788	1.04788	0.00877144	0.558073	-1.79188	0.972543	1.00603	1.00603	0.33455	1.18993	1.18993	0.944315	0.988698	-1.01143	0.0031422	0.28775	-3.47625	0.0129917	0.917531	-1.08988	0.6884114	0.931688	-1.07298	6.04542	2.22352	0.428812	1
op23326234	SLC9A3	0.0220284	0.588889	0.841453	-1.18842	0.0132728	0.378762	-2.64018	0.0101832	0.358743	-2.78751	0.95001	0.983868	-1.0164	0.0211677	0.416096	2.40329	0.3039	1.40057	1.40057	0.187461	0.642761	-1.55577	0.402378	0.76293	-1.31074	0.0045182	0.302049	4.81303	7.48295	7.10651	1.4091	1
op16034787	SLC9A3	0.0234244	0.0315207	0.677309	-1.47643	0.260134	1.20189	1.20189	0.0333287	0.676929	-1.47726	0.763568	0.953776	-1.04846	0.925947	0.985521	-1.01469	0.009818175	0.599642	-1.66766	0.00315237	0.530997	-1.88325	0.149499	0.784706	-1.27436	0.122063	0.768814	-1.3007	4.45666	1.73718	0.346484	1
op21095188	SLC9A3	0.0244637	0.0995995	0.322506	-3.10104	0.0775772	1.57572	1.57572	0.0127557	1.1026	0.091205	-1.44858	0.690295	-1.44858	0.690295	-1.44858	0.690295	0.0703017	0.573891	-1.74249	0.0115256	0.1746437	-5.72485	0.0115256	1.38009	0.0012416	0.474629	-2.09895	5.4648	2.68506	0.423628	1
op16264495	SLC9A3	0.0248493	0.0119813	0.580662	-1.96594	0.0369762	0.593099	-1.68606	0.593987	0.890453	-1.12302	0.285367	1.27033	1.27033	0.126486	0.696419	-1.43592	0.0091695	0.489907	-2.0412	0.201613	1.33748	1.33748	0.204898	0.749426	-1.33435	0.0214648	0.555143	-1.81441	4.3664	3.21573	0.654641	1
op12833872	SLC9A3	0.0254851	0.207783	0.645158	1.64516	0.0177443	1.61231	1.61231	0.142277	1.26274	0.337443	1.26274	0.337443	1.26274	0.337443	1.26274	0.337443	0.0102693	0.436668	2.00248	0.0182184	0.2104099	-4.75232	0.0102693	0.436668	2.00248	0.0182184	0.2104099	-4.75232	0.0102693	0.436668	2.00248	0.0182184	0.2104099	-4.75232	1
op18274791	SLC9A3	0.0296073	0.357763	0.683045	-1.46403	0.493502	1.32351	1.32351	0.0538338	0.413796	-2.41665	0.129084	0.51631	-1.93682	0.00282428	0.190566	-5.24753	0.158039	0.544253	-1.83738	0.00576997	0.232697	-4.29743	0.802081	0.903724	-1.10653	0.106902	0.491913	-2.03288	4.10598	10.5648	2.28712	1
op14491776	SLC9A3	0.0304072	0.786018	0.919707	-1.0873	0.0100177	0.369069	-2.70952	0.00165623	0.250411	-3.99344	0.257881	0.694271	-1.44036	0.43384	0.782206	-1.27844	0.0249342	0.440083	-2.2723	0.983918	1.00622	0.840687	1.06386	1.06386	0.544592	0.828103	-1.20758	4.0673	6.09427	1.33187	1
op23251141	SLC9A3	0.0306233	0.502227	1.32253	1.32253	0.0109557	1.67845	1.67845	0.0128445	1.24125	0.783811	-1.27582	0.00476843	0.356435	0.95635	-1.04559	0.0474934	-1.72727	0.2442	-4.09551	0.0031073	0.4442	-2.2442	0.1784665	-1.27443	0.2764594	0.703339	0.4442	-2.2442	0.1149137	1.66194	6.74747	6.602888

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07562926	SLCO2A1	0.0225053	0.00161693	0.295431	-3.38488	0.37565	0.782474	-1.278	0.420709	0.800976	-1.24848	0.0726766	1.7164	1.7164	0.609227	1.14923	1.14923
cg10351795	SLCO2A1	0.0256152	0.562802	0.939467	-1.06443	0.594944	1.05894	1.05894	0.0421636	0.778927	-1.28382	0.00877834	1.4279	1.4279	0.0123138	1.39469	1.39469
cg25598319	SLCO2A1	0.0368369	0.0402999	13.2583	13.2583	0.0673666	9.35881	9.35881	0.101474	7.07317	7.07317	0.063171	9.77655	9.77655	0.14485	5.52006	5.52006
cg17806191	SLCO2A1	0.0386719	0.709746	0.909224	-1.09984	0.363587	1.26828	1.26828	0.10702	0.639003	-1.56494	0.427713	0.813744	-1.22889	0.00319516	0.358936	-2.78601
cg12118082	SLCO2A1;SLCO2A1	0.0162766	0.000983342	0.433727	-2.3056	0.0207978	0.62223	-1.60712	0.0498394	0.68289	-1.46436	0.190403	0.789445	-1.26671	0.253496	1.22548	1.22548
cg16244299	SLCO2B1;SLCO2B1	8.75E-05	0.000709679	0.396584	-2.52154	0.847388	0.966042	-1.03515	8.73E-05	0.283189	-3.53121	0.126391	0.743413	-1.34515	0.000280192	0.344624	-2.90171
cg18589858	SLCO2B1;SLCO2B1	0.0136252	0.611528	0.869757	-1.14975	0.805982	0.935156	-1.06934	0.000417304	0.217686	-4.59378	0.232877	0.711199	-1.40608	0.012708	0.430135	-2.32485
cg13601739	SLCO2B1;SLCO2B1;SLCO2B1	0.0135944	0.0625662	0.41124	-2.43167	0.000759628	0.114895	-8.70358	0.0234376	0.317302	-3.15158	0.140252	0.510307	-1.95961	0.00938799	0.247488	-4.0406
cg20358275	SLCO2B1;SLCO2B1;SLCO2B1	0.0321088	0.715078	1.1443	1.1443	0.146073	0.563435	-1.77483	0.0303427	0.392215	-2.54962	0.127639	0.545729	-1.83241	0.00539667	0.260123	-3.84433
cg15751948	SLCO2B1;SLCO2B1;SLCO2B1	0.0388588	0.0500095	1.95745	1.95745	0.535352	0.830989	-1.20338	0.615087	0.861196	-1.16118	0.0156125	2.46376	2.46376	0.111788	0.596549	-1.67631
cg25367084	SLCO2B1;SLCO2B1;SLCO2B1	0.0469461	0.278679	1.3754	1.3754	0.00214426	3.38737	3.38737	0.689907	0.892713	-1.12018	0.144139	1.55895	1.55895	0.19279	0.677022	-1.47706
cg27104271	SLCO2B1;SLCO2B1;SLCO2B1;SLCO2B1	0.03041	0.0911292	0.349983	-2.85728	0.0129176	0.175314	-5.70404	0.00758701	0.144076	-6.94077	0.0318069	0.241793	-4.13577	0.0436017	0.270098	-3.70236
cg15841533	SLCO3A1	0.000787127	0.337108	1.17107	1.17107	0.000189768	0.366404	-2.72923	0.0086669	0.586299	-1.70561	0.743663	0.948986	-1.05376	0.00798786	1.72034	1.72034
cg01763947	SLCO3A1;SLCO3A1	8.18E-05	0.93505	0.99011	-1.00999	0.9896	1.00159	1.00159	8.02E-07	0.199373	-5.01574	0.576687	1.07119	1.07119	0.579522	0.934025	-1.07064
cg19621065	SLCO3A1;SLCO3A1	0.000194215	0.198427	0.829105	-1.20612	0.381556	1.13173	1.13173	1.54E-05	0.291163	-3.43451	0.0174005	1.49073	1.49073	3.87E-05	0.337089	-2.96658
cg26677406	SLCO3A1;SLCO3A1	0.000458261	0.902549	1.02768	1.02768	0.0149119	0.513079	-1.94902	1.31E-05	0.130183	-7.68152	0.00126658	0.350476	-2.85326	0.721881	1.08292	1.08292
cg13557631	SLCO3A1;SLCO3A1	0.000626518	0.241017	1.45217	1.45217	0.229216	1.46792	1.46792	0.109866	1.71222	1.71222	0.000129646	0.0831482	-12.0267	0.27122	0.70649	-1.41545
cg07725123	SLCO3A1;SLCO3A1	0.000746827	0.727483	1.08578	1.08578	0.0581556	1.65485	1.65485	0.00875338	0.455853	-2.19369	0.0881757	1.55678	1.55678	2.97E-05	0.146054	-6.84677
cg07618581	SLCO3A1;SLCO3A1	0.00135618	0.0212633	2.56295	2.56295	0.000122474	9.76489	9.76489	0.799852	1.0902	1.0902	0.0936549	1.87144	1.87144	0.117254	1.78314	1.78314
cg20464948	SLCO3A1;SLCO3A1	0.00141338	0.640671	1.15203	1.15203	0.000182439	6.7204	6.7204	0.103779	1.70839	1.70839	0.00109963	4.25815	4.25815	0.0244948	0.446312	-2.24059
cg11667840	SLCO3A1;SLCO3A1	0.00182478	0.280068	1.19738	1.19738	0.490515	0.893727	-1.11891	0.000196293	0.366261	-2.73029	0.739266	0.947826	-1.05505	0.000242589	0.377704	-2.64757
cg10323051	SLCO3A1;SLCO3A1	0.00220629	0.222754	0.762576	-1.31135	0.416927	0.839027	-1.19186	5.03E-05	0.200191	-4.99523	0.00406823	0.442254	-2.26114	0.169349	0.733638	-1.36307
cg11330307	SLCO3A1;SLCO3A1	0.00360874	0.0663756	0.570233	-1.75367	0.038487	0.519915	-1.92339	6.78E-05	0.136805	-7.30967	0.456106	0.812961	-1.23007	0.00877191	0.402262	-2.48594
cg02257883	SLCO3A1;SLCO3A1	0.00363112	0.387208	0.891691	-1.12146	0.0160733	0.683151	-1.46381	0.00048411	0.492787	-2.02927	0.60499	0.934741	-1.06982	0.775546	1.03767	1.03767
cg05967119	SLCO3A1;SLCO3A1	0.00567244	0.00260621	0.322806	-3.09784	0.233278	0.712592	-1.40333	0.00442109	0.357	-2.80112	0.260734	1.37442	1.37442	0.000974147	0.264387	-3.78234
cg23889033	SLCO3A1;SLCO3A1	0.00805509	0.268934	0.791211	-1.26389	0.91522	0.978573	-1.0219	0.000302568	0.302802	-3.30249	0.413714	1.18526	1.18526	0.0050828	0.470821	-2.12395
cg08404227	SLCO3A1;SLCO3A1	0.00809733	0.0482286	0.745774	-1.34089	0.676241	0.946891	-1.05609	0.182591	1.20177	1.20177	0.0037536	0.601472	-1.66259	0.244414	0.853649	-1.17144
cg13039199	SLCO3A1;SLCO3A1	0.0121697	0.0137549	0.270253	-3.70024	0.0627899	0.406834	-2.458	0.0021304	0.156588	-6.38619	0.0253901	0.319349	-3.13137	0.0247026	0.316995	-3.15462
cg00314343	SLCO3A1;SLCO3A1	0.0187272	0.0564902	0.601374	-1.66286	0.990372	0.997162	-1.00285	0.000395669	0.264817	-3.77619	0.070006	0.620576	-1.61141	0.827164	0.949805	-1.05285
cg18542599	SLCO3A1;SLCO3A1	0.0270526	0.00184757	0.454048	-2.20241	0.58138	1.10458	1.10458	0.888623	1.02534	1.02534	0.537849	1.11786	1.11786	0.984555	0.996549	-1.00346
cg27070951	SLCO3A1;SLCO3A1	0.0273171	0.0798824	0.442781	-2.25846	0.589961	0.796076	-1.25616	0.00181776	0.155957	-6.41203	0.159011	0.53205	-1.87952	0.0108784	0.261764	-3.82024
cg21338677	SLCO3A1;SLCO3A1	0.0290798	0.171878	1.27977	1.27977	0.733428	0.943666	-1.0597	0.00104696	0.43923	-2.27671	0.616034	1.08955	1.08955	0.961292	0.991802	-1.00827
cg14295110	SLCO3A1;SLCO3A1	0.0356925	0.120631	0.495031	-2.02008	0.0170406	0.296702	-3.37038	0.00797172	0.241554	-4.13986	0.959487	1.02144	1.02144	0.697269	0.849347	-1.17738
cg25379163	SLCO3A1;SLCO3A1	0.037917	0.111294	0.852271	-1.17334	0.239209	0.89263	-1.12029	0.269387	0.89943	-1.11182	0.0922154	0.842994	-1.18625	0.4366	0.929475	-1.07588
cg21034324	SLCO4A1	0.00125851	0.00135144	0.574086	-1.7419	0.000345565	0.503323	-1.9868	0.000788859	0.546142	-1.83102	0.00130628	0.572322	-1.74727	0.0286737	0.735107	-1.36035
cg04011829	SLCO4A1	0.00173735	0.00413918	0.702749	-1.42298	0.253416	0.896332	-1.11566	0.0143028	0.757927	-1.31939	0.90176	1.0114	1.0114	0.000523424	0.608909	-1.64228
cg00465413	SLCO4A1	0.0063676	0.0506607	0.78492	-1.27402	0.144482	1.18586	1.18586	0.000539196	0.556948	-1.7955	0.435999	0.917205	-1.09027	0.002418	0.631673	-1.5831
cg16180531	SLCO4A1	0.00816439	0.011076	0.688893	-1.4516	0.508301	1.08167	1.08167	0.245852	1.15256	1.15256	0.729746	0.960242	-1.0414	0.0479987	0.767639	-1.3027
cg10601171	SLCO4A1	0.0263746	0.00439904	0.456498	-2.19059	0.00849275	0.500175	-1.9993	0.451891	0.853799	-1.17124	0.0829214	0.673027	-1.48582	0.0038002	0.447054	-2.23686
cg13162609	SLCO4A1	0.0273964	0.193522	0.845658	-1.18251	0.233842	0.858922	-1.16425	0.0123039	0.683956	-1.46208	0.115936	0.81205	-1.23145	0.0651955	0.777057	-1.28691
cg01697623	SLCO4A1	0.0392639	0.0972239	0.43543	-2.29658	0.0546804	0.369504	-2.70633	0.224865	0.558595	-1.79021	0.219044	0.55407	-1.80482	0.0019686	0.135604	-7.37443
cg01020801	SLCO4A1;LOC100127888	0.00173988	0.000393049	0.252322	-3.96319	0.00635686	2.37769	2.37769	0.907287	1.02882	1.02882	0.551983	1.15804	1.15804	0.0252459	0.522679	-1.91322
cg00630480	SLCO4C1	0.0497127	0.0178084	0.301334	-3.31857	0.0120706	0.271653	-3.68117	0.106854	0.480461	-2.08134	0.169904	0.544049	-1.83807	0.0231082	0.322707	-3.09879
cg22083639	SLCO5A1	0.00216192	0.00356696	0.489363	-2.04347	0.34681	0.839152	-1.19168	0.0669609	0.689549	-1.45022	0.00727822	1.87124	1.87124	0.0030585	0.479866	-2.08391
cg22062659	SLCO5A1	0.00482019	0.0105629	1.34925	1.34925	0.920915	1.00929	1.00929	0.00188963	1.50704	1.50704	0.00736896	0.724982	-1.37934	0.375025	0.918702	-1.08849
cg08537737	SLCO5A1;SLCO5A1;SLCO5A1	0.000744503	0.00666763	0.567266	-1.76284	0.000106669	0.332456	-3.00791	0.000312461	0.39007	-2.56364	0.489859	0.893175	-1.1196	0.0195721	0.634866	-1.57514
cg08991232	SLCO5A1;SLCO5A1;SLCO5A1	0.00283178	0.00258754	0.389392	-2.56811	0.0159658	1.94728	1.94728	0.0567698	1.6275	1.6275	0.001229	0.343786	-2.90879	0.116047	1.47081	1.47081
cg26753018	SLCO5A1;SLCO5A1;SLCO5A1	0.00328218	0.772373	0.910998	-1.0977	0.798638	0.921129	-1.08562	0.00916407	2.89658	2.89658	0.206778	0.651871	-1.53404	0.0416834	0.4702	-2.12676
cg24552424	SLCO5A1;SLCO5A1;SLCO5A1	0.00659974	0.235438	0.77198	-1.29537	0.28821	1.25795	1.25795	0.872195	0.967047	-1.03408	0.839669	1.04306	1.04306	9.03E-05	0.232865	-4.29433
cg21436572	SLCO5A1;SLCO5A1;SLCO5A1	0.00846864	0.043174	2.29802	2.29802	0.00204829	4.73077	4.73077	0.019586	2.74252	2.74252	0.56318	1.23252	1.23252	0.0570886	2.15975	2.15975
cg21748523	SLCO5A1;SLCO5A1;SLCO5A1	0.0108786	0.0474349	0.202699	-4.93343	0.851501	1.14099	1.14099	0.188628	0.3752	-2.66525	0.375436	0.52718	-1.89689	0.00128947	0.0368461	-27.1399
cg09018399	SLCO5A1;SLCO5A1;SLCO5A1	0.0116378	0.00429216	0.479176	-2.08692	0.00627424	1.98554	1.98554	0.337957	1.20958	1.20958	0.019549	1.72207	1.72207	0.583961	0.898957	-1.1124
cg07998216	SLCO5A1;SLCO5A1;SLCO5A1	0.0116451	0.0126442	0.229469	-4.35788	0.252258	0.566722	-1.76453	0.0865628	0.407003	-2.45699	0.835959	0.906236	-1.10346	0.00110586	0.101966	-9.80721
cg03719092	SLCO5A1;SLCO5A1;SLCO5A1	0.0218628	0.0409166	5.25301	5.25301	0.0107727	9.50871	9.50871	0.12444	3.22027	3.22027	0.0968446	3.60125	3.60125	0.557481	1.51749	1.51749
cg01580181	SLCO5A1;SLCO5A1;SLCO5A1	0.0380202	0.125093	1.26145	1.26145	0.313283	0.864233	-1.1571	0.00958475	0.631995	-1.58229	0.540725	1.0905	1.0905	0.281308	1.1696	1.1696
cg03451212	SLCO5A1;SLCO5A1;SLCO5A1;SLCO5A1	0.0353163	0.67989	1.48185	1.48185	0.774223	1.31342	1.31342	0.764713	1.32913	1.32913	0.77578	1.31087	1.31087	0.663647	0.660486	-1.51404
cg07349045	SLCO5A1;SLCO5A1;SLCO5A1;SLCO5A1	0.0371297	0.816195	0.969894	-1.03104	0.849497	1.02525	1.02525	0.240213	0.850919	-1.1752	0.308752	1.14832	1.14832	0.827172	0.971702	-1.02912
cg10667877	SLCO5A1;SLCO5A1;SLCO5A1;SLCO5A1;SLCO5A1	0.00984658	0.862827	0.897757	-1.11389	0.861048	0.896486	-1.11547	0.669069	1.30757	1.30757	0.959568	1.03212	1.03212	0.63732	0.743655	-1.34471
cg26192556	SLCO6A1	5.64E-05	0.062822	1.47949	1.47949	0.00207421	2.25085	2.25085	0.000229218	0.318154	-3.14314	0.00149087	0.424383	-2.35636	0.000119494	0.283974	-3.52145
cg04589881	SLCO6A1	5.73E-05	0.212378	1.14685	1.14685	0.0101547	1.40243	1.40243	0.00344138	0.660698	-1.51355	0.451987	0.923179	-1.08321	1.31E-06	0.27428	-3.64591
cg08759899	SLCO6A1	0.00017578	0.968476	1.0066	1.0066	0.202799	0.799439	-1.25088	0.00310463	0.509898	-1.96118	0.870541	0.973211	-1.02753	1.99E-05	0.23727	-4.21461
cg14719865	SLCO6A1	0.00403865	0.0685799	0.773422	-1.29296	0.827648	0.972894	-1.02786	0.871335	0.979779	-1.02064	0.764539	1.03858	1.03858	0.000475678	0.500858	-1.99657
cg12583394	SLCO6A1	0.00707164	0.850877	0.971304	-1.02954	0.744794	0.950725	-1.05183	0.000650971	0.445413	-2.24511	0.231014	0.823348	-1.21455	0.224663	0.820932	-1.21813
cg26398586	SLCO6A1	0.0479901	0.630823	1.07694	1.07694	0.441934	0.886895	-1.12753	0.369014	0.868282	-1.1517	0.187742	0.807586	-1.23826	0.88169	0.97746	-1.02306
cg07704990	SLCO6A1;SLCO6A1	0.00372641	0.464975	1.11171	1.11171	0.636064	1.07024	1.07024	0.0262451	0.686989	-1.45563	0.757961	1.045	1.045	0.460375	0.898497	-1.11297
cg00944166	SLCO6A1;SLCO6A1	0.00580116	0.97382	1.00811	1.00811	0.00148274	3.08979	3.08979	0.0448954	1.76195	1.76195	0.156456	1.45208	1.45208	0.632083	1.12603	1.12603
cg18608369	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	1.02E-05	0.0108378	0.423417	-2.36174	0.00359526	0.346842	-2.88316	0.00161435	3.36768	3.36768	0.023879	2.0627	2.0627	0.607653	0.870148	-1.14923
cg01723139	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	2.32E-05	0.160149	1.19772	1.19772	0.124273	1.22153	1.22153	6.79E-06	0.301038	-3.32184	0.462724	1.09404	1.09404	0.0726453	0.786008	-1.27225
cg26573518	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	2.97E-05	0.58129	1.075	1.075	0.665748	0.945131	-1.05805	0.00948267	1.5323	1.5323	0.838151	0.973794	-1.02691	0.845613	0.975006	-1.02564
cg03668718	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	3.97E-05	0.0288505	1.49192	1.49192	1.57E-06	6.55498	6.55498	0.000436959	2.36958	2.36958	0.0308214	1.48239	1.48239	0.0526716	1.40767	1.40767
cg22282280	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	4.20E-05	0.0367815	0.59089	-1.69236	0.00062853	0.319818	-3.12678	6.20E-05	0.201598	-4.96036	0.0797855	1.5245	1.5245	0.000609842	0.318115	-3.14352
cg10911913	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	5.74E-05	0.318843	0.846275	-1.18165	0.0167832	1.60455	1.60455	0.000736503	2.29519	2.29519	0.0130644	1.64677	1.64677	0.420156	0.875081	-1.14275
cg01348733	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.000114797	0.0725318	0.603464	-1.6571	0.00863845	0.410759	-2.43452	0.000445151	5.00484	5.00484	0.00219061	3.2787	3.2787	0.0676188	1.67681	1.67681
cg05224998	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.000125784	0.463682	0.82749	-1.20847	0.826671	0.945846	-1.05725	0.0231287	1.99263	1.99263	0.173932	0.692648	-1.44373	0.584678	0.869252	-1.15041
cg12581244	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.00026608	0.0430669	1.95677	1.95677	0.0172776	2.30793	2.30793	0.0159615	2.34175	2.34175	0.662542	1.13501	1.13501	0.285672	0.726305	-1.37683
cg08764758	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.000481313	0.786022	0.955781	-1.04627	0.0078234	1.7636	1.7636	0.567412	1.10084	1.10084	1.19E-05	4.65979	4.65979	0.406993	1.1514	1.1514
cg18411103	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.000509295	0.808773	1.03323	1.03323	0.456328	0.902784	-1.10768	0.318717	1.14903	1.14903	0.318803	1.149	1.149	0.493656	1.09824	1.09824
cg18124488	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.00297975	0.0674835	1.75765	1.75765	0.00310268	0.328292	-3.04607	0.270798	0.729331	-1.37112	0.517987	1.19772	1.19772	0.0192525	0.458652	-2.1803
cg00080081	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.00425551	0.000422973	0.0826219	-12.1033	0.102483	0.450341	-2.22054	0.0604999	0.388684	-2.57278	0.0966724	0.442997	-2.25735	0.00472302	0.187156	-5.34313
cg14380270	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.00729201	0.735912	1.28225	1.28225	0.511596	1.63056	1.63056	0.00987097	10.9652	10.9652	0.126534	3.36657	3.36657	0.592884	1.48641	1.48641
cg25054416	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.0282731	0.249007	0.365249	-2.73786	0.764298	0.777743	-1.28577	0.0372601	7.54574	7.54574	0.0141997	12.539	12.539	0.27754	0.389093	-2.57008
cg05504685	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	2.54E-08	0.606103	0.971446	-1.02939	0.0102172	1.19763	1.19763	4.60E-06	1.79626	1.79626	1.97E-06	1.9253	1.9253	0.082293	0.898344	-1.11316
cg11230471	SLFN12	3.06E-06	5.16E-06	0.0787412	-12.6998	0.00256154	0.358272	-2.79117	8.48E-06	0.0926468	-10.7937	0.0109367	0.456677	-2.18973	9.33E-07	0.0415075	-24.092
cg19963856	SLFN12	0.000633224	0.0286943	2.4902	2.4902	0.183526	1.64688	1.64688	6.45E-05	0.0745594	-13.4121	0.164782	1.6887	1.6887	0.0026854	0.230654	-4.3355
cg08330690	SLFN12	0.00157858	0.029585	6.27869	6.27869	0.744483	0.790918	-1.26435	0.149436	0.33002	-3.03012	0.919669	0.930204	-1.07503	0.000281565	0.014151	-70.6663
cg03237218	SLFN12	0.00203991	0.0873	2.51817	2.51817	0.677009	0.814702	-1.22744	0.0194291	0.250988	-3.98425	0.156081	0.476001	-2.10084	0.00118418	0.0976444	-10.2412
cg24470734	SLFN12	0.00219366	0.0634013	2.10262	2.10262	0.420819	0.746182	-1.34015	0.00917454	0.307928	-3.24751	0.408334	0.740018	-1.35132	0.000286135	0.12142	-8.23586
cg19566405	SLFN12	0.0101392	0.069936	3.41394	3.41394	0.282652	1.96687	1.96687	0.983473	1.01263	1.01263	0.388369	0.585278	-1.70859	0.00124135	0.057294	-17.4538
cg18587557	SLFN12	0.0144132	0.092404	2.94355	2.94355	0.66267	1.29158	1.29158	0.0372106	0.244187	-4.09523	0.424421	0.621561	-1.60885	0.00812894	0.138753	-7.20703
cg05174890	SLFN12	0.0144971	0.0242152	6.17609	6.17609	0.121618	3.11788	3.11788	0.12439	0.323876	-3.08761	0.945347	1.04755	1.04755	0.00937492	0.107278	-9.32162
cg20354552	SLFN12	0.0177019	0.0565766	5.2727	5.2727	0.986262	0.986825	-1.01335	0.121752	0.274682	-3.64057	0.851753	0.865793	-1.15501	0.00512158	0.0579178	-17.2658
cg21697381	SLFN12	0.0205334	0.0321216	4.09008	4.09008	0.00410124	8.67884	8.67884	0.356641	1.70235	1.70235	0.681027	0.792997	-1.26104	0.187742	0.456868	-2.18882
cg10431713	SLFN12	0.034897	0.0938656	5.2624	5.2624	0.781949	0.778723	-1.28415	0.0677014	0.158047	-6.32724	0.728197	0.730167	-1.36955	0.0556741	0.141634	-7.06046
cg20005518	SLFN12;SLFN12	0.00107495	0.00352775	5.32707	5.32707	0.0331863	2.86594	2.86594	0.00808979	0.238313	-4.19616	0.148506	0.519262	-1.92581	0.00231175	0.165284	-6.0502
cg00974761	SLFN12L	2.15E-06	9.19E-05	0.196569	-5.08727	0.00362944	0.399855	-2.50091	5.37E-06	0.0907522	-11.019	0.349457	0.799062	-1.25147	7.53E-08	0.0153749	-65.0411
cg04373379	SLFN12L	6.10E-06	0.0850327	0.669428	-1.49381	0.000143649	0.251392	-3.97786	2.54E-06	0.0909508	-10.995	0.000367285	0.300465	-3.32818	1.03E-05	0.136687	-7.31597
cg14809705	SLFN12L	7.03E-06	1.19E-05	4.17288	4.17288	1.30E-05	4.10391	4.10391	0.531311	0.906781	-1.1028	0.153298	1.26614	1.26614	0.23648	1.21097	1.21097
cg01737554	SLFN12L	9.97E-06	0.000203096	0.276055	-3.62247	0.00565894	0.472318	-2.11722	5.57E-06	0.120203	-8.31924	0.846041	0.960631	-1.04098	4.18E-07	0.0511775	-19.5398
cg08516792	SLFN12L	3.41E-05	0.0365656	0.570093	-1.7541	0.0451728	0.587681	-1.7016	0.000142996	0.219495	-4.55592	0.966508	1.00976	1.00976	8.00E-07	0.0468974	-21.3231
cg22763680	SLFN12L	0.000844199	0.000499299	7.51695	7.51695	0.108512	1.91261	1.91261	0.0458748	2.33425	2.33425	0.0169138	2.94242	2.94242	0.255384	0.644149	-1.55244
cg06551997	SLFN12L	0.0013803	0.00223719	7.16421	7.16421	0.000756645	10.4753	10.4753	0.255061	1.72741	1.72741	0.204641	1.85097	1.85097	0.128521	0.469666	-2.12917
cg07257441	SLFN12L	0.00253102	0.099524	1.77531	1.77531	0.00222395	3.90511	3.90511	0.201855	1.5349	1.5349	0.000708308	5.15692	5.15692	0.355561	1.35275	1.35275
cg00444151	SLFN12L	0.00797703	0.612095	1.20171	1.20171	0.00320616	4.24413	4.24413	0.512692	1.26943	1.26943	0.0860872	1.9768	1.9768	0.323242	0.693076	-1.44284
cg11855615	SLFN12L	0.00915502	0.972357	0.990632	-1.00946	0.000655873	0.24212	-4.13019	0.182699	0.681066	-1.46829	0.47632	0.821421	-1.2174	0.406041	0.793824	-1.25972
cg03677056	SLFN12L	0.00935909	0.892506	0.945329	-1.05783	0.00230399	5.87736	5.87736	0.101774	2.10613	2.10613	0.954185	1.02418	1.02418	0.276095	0.62431	-1.60177
cg01045118	SLFN12L	0.00959717	0.403748	0.736676	-1.35745	0.108492	0.534597	-1.87057	0.490139	1.28497	1.28497	0.000589514	6.67797	6.67797	0.653704	1.1753	1.1753
cg11112161	SLFN12L	0.0104148	0.462957	1.25272	1.25272	0.91589	0.968643	-1.03237	0.31833	0.732682	-1.36485	0.575785	1.18588	1.18588	0.776489	1.08963	1.08963
cg18470427	SLFN12L	0.0194915	0.0690001	0.304343	-3.28577	0.820892	0.875842	-1.14176	0.149854	0.405524	-2.46595	0.0881614	3.00428	3.00428	0.0282434	0.21993	-4.5469
cg20429250	SLFN12L	0.0206623	0.814811	0.954795	-1.04734	0.165417	1.33868	1.33868	0.234657	1.27839	1.27839	0.037017	0.620349	-1.612	0.226318	0.778436	-1.28463
cg03794801	SLFN12L	0.0246985	0.565136	1.42465	1.42465	0.287875	0.510896	-1.95735	0.630456	0.744511	-1.34316	0.841602	0.885339	-1.12951	0.343606	0.552225	-1.81086
cg21390082	SLFN12L	0.0290019	0.0282961	0.217851	-4.5903	0.04538	0.259013	-3.86081	0.207906	0.45772	-2.18474	0.864045	1.10613	1.10613	0.0122597	0.159423	-6.27262
cg03526142	SLFN12L;SLFN12L	0.00625857	0.704656	0.853679	-1.1714	0.428239	1.39933	1.39933	0.541201	0.773404	-1.29299	0.710575	1.16748	1.16748	0.00648739	0.229934	-4.34907
cg19227485	SLFN13	5.40E-06	0.259994	1.29451	1.29451	0.00146373	0.364468	-2.74372	6.85E-05	0.20198	-4.95098	0.0990026	1.48787	1.48787	1.83E-06	0.073684	-13.5715
cg15577706	SLFN13	7.88E-05	0.809625	0.949992	-1.05264	0.709116	1.08291	1.08291	0.00289863	0.418826	-2.38763	0.0422902	0.608238	-1.64409	6.43E-05	0.209826	-4.76586
cg26654790	SLFN13	0.00365082	0.124608	2.49991	2.49991	0.506147	1.44486	1.44486	0.804512	1.14457	1.14457	0.000119939	0.0178709	-55.9568	0.826643	0.887434	-1.12684
cg16087679	SLFN13	0.00369528	0.122651	0.402514	-2.48439	0.000709052	0.060422	-16.5503	0.0054821	0.137137	-7.29195	0.248789	0.51901	-1.92674	0.0039976	0.121893	-8.20392
cg17653886	SLFN13	0.00691284	0.086638	2.52939	2.52939	0.0567171	2.87924	2.87924	0.314235	1.66581	1.66581	0.0878349	2.51873	2.51873	0.0495262	3.00059	3.00059
cg10785284	SLFN13	0.00870046	0.250471	0.800299	-1.24953	0.341893	1.19922	1.19922	0.0265752	0.614083	-1.62844	0.00075707	0.387823	-2.5785	0.101961	0.717433	-1.39386
cg00364956	SLFN13	0.0164819	0.151182	1.89626	1.89626	0.00877899	0.249463	-4.00861	0.740658	0.870943	-1.14818	0.0129314	3.60954	3.60954	0.231078	0.592973	-1.68642
cg05299278	SLFN14	0.00294209	0.00112273	0.0721276	-13.8643	0.032201	0.252796	-3.95577	0.00692558	0.147236	-6.79184	0.160291	0.439419	-2.27573	0.000440059	0.0476782	-20.974
cg00397422	SLFN14	0.024064	0.039801	0.211005	-4.73923	0.509676	0.645434	-1.54935	0.0073979	0.104462	-9.57289	0.0721905	0.268849	-3.71955	0.00814536	0.108918	-9.18126
cg13451886	SLFN5	0.000855346	0.141521	1.2624	1.2624	6.93E-05	2.91935	2.91935	0.767399	0.957223	-1.04469	0.154685	0.798898	-1.25172	0.0291697	1.46061	1.46061

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07562926	0.112719	1.59327	1.59327	0.165854	1.48984	1.48984	0.336701	1.30634	1.30634	0.17465	0.677387	-1.47626	4.51856	5.20859	1.02463	1
cg10351795	0.0188766	1.35462	1.35462	0.476634	1.0803	1.0803	0.618948	0.947896	-1.05497	0.53817	1.06878	1.06878	4.3205	0.779423	0.160357	1
cg25598319	0.147865	5.44034	5.44034	0.00377361	71.1251	71.1251	0.0084481	39.209	39.209	0.086893	7.86808	7.86808	3.79597	71.5615	16.7573	1
cg17806191	0.263404	0.743219	-1.3455	0.0555887	1.737	1.737	0.532085	0.851212	-1.17479	0.0657829	0.591253	-1.69132	3.72912	3.82653	0.912107	1
cg12118082	0.024433	0.633079	-1.57958	0.610837	1.09144	1.09144	0.510303	0.89238	-1.1206	0.793897	0.956341	-1.04565	5.04214	2.32147	0.409257	1
cg16244299	0.267273	0.812831	-1.23027	3.41E-06	0.14061	-7.11188	0.00609708	0.52626	-1.9002	0.00947545	0.554621	-1.80303	22.9417	11.6825	0.452647	1
cg18589858	0.519246	1.19483	1.19483	0.425934	1.24794	1.24794	0.446166	1.2356	1.2356	0.266982	0.72974	-1.37035	5.34731	6.28588	1.04491	1
cg13601739	0.0361448	0.355897	-2.8098	0.0157065	0.284977	-3.50905	0.0940774	0.458185	-2.18253	0.284401	0.624075	-1.60237	5.35129	15.2355	2.53074	1
cg20358275	0.130646	0.548732	-1.82238	0.00784185	0.285227	-3.50598	0.0339482	0.40244	-2.48484	0.0796605	0.489118	-2.0445	3.98903	8.53981	1.90296	1
cg15751948	0.772117	0.918038	-1.08928	0.0116446	2.61726	2.61726	0.0595559	1.89261	1.89261	0.920062	1.02999	1.02999	4.06881	5.46643	1.04494	1
cg25367084	0.383648	1.28762	1.28762	0.419127	0.79167	-1.26315	0.517723	1.20392	1.20392	0.25986	0.717058	-1.39459	3.46991	4.4008	1.12735	1
cg27104271	0.393144	0.610469	-1.63809	0.00879856	0.152259	-6.56777	0.0411331	0.264637	-3.77876	0.200979	0.46674	-2.14252	4.06716	20.504	4.48119	1
cg15841533	0.00173398	2.03991	2.03991	0.0630513	0.716298	-1.39607	0.010845	0.600183	-1.66616	0.408325	0.873757	-1.14448	12.5894	5.07706	0.358471	1
cg01763947	0.934322	1.0101	1.0101	0.026204	1.37937	1.37937	0.0519857	0.763675	-1.30946	0.578747	0.933892	-1.07079	23.3633	5.50273	0.209359	1
cg19621065	0.618173	1.07175	1.07175	0.363036	0.879058	-1.13758	0.18208	0.822594	-1.21567	0.313569	0.866131	-1.15456	18.5179	5.57628	0.26767	1
cg26677406	0.633093	0.898349	-1.11315	0.000906099	0.330782	-3.02314	0.0813573	0.650109	-1.5382	0.733441	0.92664	-1.07917	14.6399	11.5188	0.699389	1
cg13557631	0.0236047	0.421437	-2.37284	0.00118865	5.22332	5.22332	0.00178749	4.60397	4.60397	0.00306367	3.93809	3.93809	22.0559	29.7303	0.898634	1
cg07725123	0.107181	0.661215	-1.51237	0.206207	1.36843	1.36843	0.193334	1.38238	1.38238	0.0153566	0.496637	-2.01354	12.7767	11.1983	0.779074	1
cg07618581	0.00983683	3.03181	3.03181	0.000206204	8.27289	8.27289	0.00900162	3.09233	3.09233	0.00999304	3.02122	3.02122	10.7875	19.742	1.62674	1
cg20464948	0.00919898	2.70618	2.70618	0.0805134	1.79247	1.79247	0.00331253	3.33413	3.33413	0.386389	1.30646	1.30646	10.6604	15.3025	1.27596	1
cg11667840	0.319604	0.847896	-1.17939	0.236036	1.22043	1.22043	0.245809	1.21498	1.21498	0.911352	0.982292	-1.01803	9.90243	4.03624	0.362312	1
cg10323051	0.623126	1.11048	1.11048	0.0234159	0.563887	-1.7734	0.605623	1.11649	1.11649	0.477105	1.16525	1.16525	9.36945	6.64164	0.630099	1
cg11330307	0.485388	0.824151	-1.21337	0.0131515	0.43224	-2.31353	0.438202	0.805958	-1.24076	0.735617	0.911688	-1.09687	8.09924	9.54675	1.04775	1
cg02257883	0.868441	1.02167	1.02167	0.0011813	1.85022	1.85022	0.390222	0.892371	-1.12061	0.996206	1.00062	1.00062	8.08425	2.14183	0.235501	1
cg05967119	0.191313	1.45514	1.45514	0.463816	0.816959	-1.22405	0.0549286	0.554236	-1.80428	0.316413	0.755159	-1.32422	7.06025	8.21994	1.03489	1
cg23889033	0.169101	0.74231	-1.34715	0.228147	1.29342	1.29342	0.558708	0.886671	-1.12781	0.833412	1.04377	1.04377	6.33046	4.14795	0.582433	1
cg08404227	0.112486	0.798902	-1.25172	0.952524	1.00777	1.00777	0.0606904	1.31624	1.31624	0.0029016	1.70221	1.70221	6.32004	1.69004	0.237697	1
cg13039199	0.0130904	0.266581	-3.7512	0.00564682	0.210092	-4.75982	0.0519901	0.386845	-2.58502	0.0309011	0.336654	-2.9704	5.54815	16.2157	2.59797	1
cg00314343	0.562819	0.871284	-1.14773	0.54867	1.15365	1.15365	0.159292	0.701702	-1.42511	0.800116	1.06157	1.06157	4.81051	4.2259	0.780865	1
cg18542599	0.605943	1.0974	1.0974	0.925242	0.983377	-1.0169	0.185018	1.2854	1.2854	0.0116796	1.75562	1.75562	4.23877	2.14152	0.449087	1
cg27070951	0.177269	0.548191	-1.82418	0.0119892	0.268772	-3.72062	0.648721	0.825093	-1.21198	0.192891	0.561209	-1.78187	4.22431	11.7569	2.47391	1
cg21338677	0.391318	0.861591	-1.16064	0.0583569	1.43738	1.43738	0.598371	0.913785	-1.09435	0.775834	1.04962	1.04962	4.13221	1.88285	0.405024	1
cg14295110	0.280424	0.62585	-1.59783	0.21123	0.576851	-1.73355	0.00548518	0.217564	-4.59635	0.0420053	0.375773	-2.66118	3.83977	10.6101	2.4562	1
cg25379163	0.0629617	1.2126	1.2126	0.014536	1.31971	1.31971	0.126093	0.858542	-1.16477	0.131734	1.16176	1.16176	3.75614	0.505187	0.119552	1
cg21034324	0.113804	0.81454	-1.22769	0.109767	0.812316	-1.23105	0.176825	1.1867	1.1867	0.0112758	0.684929	-1.46	11.0209	2.48134	0.200133	1
cg04011829	0.320458	0.910106	-1.09877	0.0905001	0.8427	-1.18666	0.00249663	1.47033	1.47033	0.0498455	1.22784	1.22784	10.0444	1.33934	0.118526	1
cg00465413	0.305294	1.12237	1.12237	0.268548	0.882215	-1.13351	0.608978	1.05771	1.05771	0.135362	0.839425	-1.19129	6.81271	1.27603	0.16649	1
cg16180531	0.00113899	1.75035	1.75035	0.192711	1.17501	1.17501	0.543024	1.07468	1.07468	0.0418601	0.760045	-1.31571	6.30365	1.3663	0.192665	1
cg10601171	0.231699	0.77206	-1.29524	0.892047	0.972385	-1.0284	0.383316	0.831632	-1.20245	0.292786	0.798452	-1.25242	4.27663	2.88068	0.598743	1
cg13162609	0.16483	1.19788	1.19788	0.114431	1.2327	1.2327	0.0958128	0.800199	-1.24969	0.0103171	0.6745	-1.48258	4.22001	0.99228	0.20901	1
cg01697623	0.21622	0.551852	-1.81208	0.0154079	0.25715	-3.88879	0.1593	0.503045	-1.9879	0.0536968	0.367606	-2.72031	3.70839	12.2555	2.93761	1
cg01020801	0.349083	1.26497	1.26497	0.00157972	0.33078	-3.02316	0.199759	0.718698	-1.39141	0.0145867	0.480232	-2.08233	10.0402	9.45439	0.837029	1
cg00630480	0.0425862	0.378276	-2.64357	0.0201923	0.311484	-3.21044	0.221995	0.585999	-1.70649	0.23018	0.592043	-1.68907	3.39556	9.32363	2.44074	1
cg22083639	0.845313	0.96526	-1.03599	0.00239012	0.464789	-2.15151	0.00212676	0.457713	-2.18477	0.0480458	0.664274	-1.5054	9.4253	4.89123	0.461286	1
cg22062659	0.422588	1.07927	1.07927	0.00577084	0.714001	-1.40056	0.66815	1.04098	1.04098	0.817223	0.978671	-1.02179	7.42102	1.01937	0.1221	1
cg08537737	0.864867	0.97294	-1.02781	0.000771879	0.440496	-2.27017	0.0833909	0.734427	-1.36161	0.00148578	0.47801	-2.09201	12.7879	5.25345	0.365167	1
cg08991232	0.215316	0.744829	-1.34259	0.916138	1.02408	1.02408	?	?	?	0.134455	1.43986	1.43986	8.90066	6.3933	0.718295	1
cg26753018	0.145828	0.605421	-1.65174	0.000317155	0.15345	-6.51677	?	?	?	0.0509548	2.0432	2.0432	8.5168	12.3834	1.454	1
cg24552424	0.264578	1.27381	1.27381	0.861625	1.03698	1.03698	0.762639	0.938904	-1.06507	0.97779	0.994223	-1.00581	6.73745	4.6222	0.609819	1
cg21436572	0.06705	2.08385	2.08385	0.000906111	5.90229	5.90229	0.0109875	3.13086	3.13086	0.0507946	2.21654	2.21654	6.23129	12.6262	1.80111	1
cg21748523	0.0520967	0.211175	-4.73541	0.00107155	0.0333369	-29.9968	0.636734	0.715475	-1.39767	0.0478692	0.203508	-4.91382	5.75305	45.1316	6.97317	1
cg09018399	0.122804	0.724661	-1.37996	0.211575	0.776082	-1.28852	0.4756	0.869588	-1.14997	0.277046	1.24329	1.24329	5.62913	3.30775	0.522322	1
cg07998216	0.0243132	0.279528	-3.57746	0.00392219	0.158301	-6.31709	0.829805	0.902834	-1.10762	0.0372089	0.317123	-3.15335	5.62798	20.0978	3.17427	1
cg03719092	0.0241769	6.61681	6.61681	0.00349749	16.2027	16.2027	0.0106877	9.54322	9.54322	0.0352719	5.60521	5.60521	4.56372	35.7221	6.95769	1
cg01580181	0.71054	1.05354	1.05354	0.0126143	1.54328	1.54328	0.16033	0.810712	-1.23348	0.575768	0.923953	-1.08231	3.75241	1.16324	0.275554	1
cg03451212	?	?	?	?	?	?	0.00124955	87.2493	87.2493	?	?	?	4.09592	38.8592	12.6498	1
cg07349045	0.13633	0.810009	-1.23455	0.0209592	0.694419	-1.44005	0.00564838	1.6109	1.6109	0.136759	1.23423	1.23423	3.78503	1.03322	0.242644	1
cg10667877	0.825003	0.870996	-1.14811	0.352667	0.550742	-1.81573	0.000124531	64.7836	64.7836	0.621715	0.733302	-1.3637	5.9399	36.5939	5.47617	1
cg26192556	0.0445156	1.53993	1.53993	0.00010145	0.275631	-3.62805	0.00113219	2.45058	2.45058	0.950528	1.01168	1.01168	25.7818	14.2978	0.49295	1
cg04589881	0.00443458	0.672957	-1.48598	0.0172897	1.35321	1.35321	0.11735	0.837417	-1.19415	0.950142	1.00654	1.00654	25.6808	4.42586	0.153192	1
cg08759899	0.306414	1.19278	1.19278	2.06E-05	0.238997	-4.18416	0.702819	1.0659	1.0659	0.0115411	0.591015	-1.692	19.0247	8.35139	0.390201	1
cg14719865	0.0923907	1.26293	1.26293	0.00155041	1.7746	1.7746	0.461188	1.09916	1.09916	0.505114	1.08897	1.08897	7.82976	1.96967	0.22361	1
cg12583394	0.787976	0.959155	-1.04258	0.00292573	1.88213	1.88213	0.870455	1.02557	1.02557	0.0486554	0.705819	-1.41679	6.59414	2.49958	0.336943	1
cg26398586	0.726084	0.947579	-1.05532	0.00208628	1.94074	1.94074	0.134074	1.28061	1.28061	0.180532	1.24319	1.24319	3.44124	1.27723	0.329914	1
cg07704990	0.205803	1.20933	1.20933	8.53E-05	2.73256	2.73256	0.0448468	1.38805	1.38805	0.285217	1.17125	1.17125	8.02166	2.57636	0.285489	1
cg00944166	0.211157	0.723133	-1.38287	0.000789393	3.48404	3.48404	0.00779441	2.3177	2.3177	0.110334	1.53447	1.53447	7.01165	6.72377	0.852394	1
cg18608369	0.00485859	2.72631	2.72631	0.640909	1.13447	1.13447	1.75E-07	75.3741	75.3741	0.532769	0.843924	-1.18494	40.3183	46.0633	1.01555	1
cg01723139	0.704398	1.04689	1.04689	1.83E-05	0.349744	-2.85924	7.66E-06	0.30684	-3.25903	0.337436	1.12626	1.12626	32.5725	7.45706	0.2035	1
cg26573518	0.00705084	1.57176	1.57176	0.061849	1.31396	1.31396	2.47E-07	7.38458	7.38458	0.756589	1.0412	1.0412	30.5334	8.15242	0.237333	1
cg03668718	0.00369312	1.83875	1.83875	0.0460674	0.701279	-1.42596	0.00156889	0.494062	-2.02404	0.168479	0.796287	-1.25583	28.2969	10.7993	0.339237	1
cg22282280	0.000665833	0.323083	-3.09518	3.08E-06	0.0902091	-11.0854	0.000168151	0.24935	-4.01042	0.0105094	0.497418	-2.01038	27.8707	20.764	0.662231	1
cg10911913	0.00136361	2.12339	2.12339	0.224453	1.22966	1.22966	8.29E-07	8.43992	8.43992	0.0933399	1.34856	1.34856	25.667	10.6702	0.369525	1
cg01348733	0.00056247	4.67415	4.67415	0.205827	1.39008	1.39008	5.07E-06	34.2885	34.2885	0.819404	1.05695	1.05695	39.7988	35.1674	0.589086	1
cg05224998	0.309148	1.30631	1.30631	0.000204069	0.205877	-4.85727	4.99E-06	14.0326	14.0326	0.157938	1.46708	1.46708	20.8202	21.2528	0.907355	1
cg12581244	0.967276	1.0119	1.0119	0.190189	0.670247	-1.49199	3.35E-06	23.6299	23.6299	0.75991	1.09242	1.09242	16.9985	22.3903	1.17084	1
cg08764758	0.445485	1.13799	1.13799	0.020823	0.629796	-1.58782	0.00883078	1.74031	1.74031	0.158685	0.778484	-1.28455	14.4423	6.31842	0.388885	1
cg18411103	0.40952	0.89252	-1.12042	0.0563787	0.747327	-1.3381	5.69E-06	3.96759	3.96759	0.981792	0.996928	-1.00308	14.2177	4.09216	0.255842	1
cg18124488	0.0389465	0.517884	-1.93093	0.00562185	0.36764	-2.72005	0.0138217	0.432747	-2.31082	0.00567055	2.71568	2.71568	8.57538	10.2925	1.06688	1
cg00080081	0.627696	1.24382	1.24382	0.104474	0.452794	-2.20851	0.00207312	0.144302	-6.9299	0.00594647	0.200711	-4.9823	7.70705	24.3297	2.80605	1
cg14380270	0.0182288	8.2065	8.2065	0.347736	2.0341	2.0341	0.000214893	93.4702	93.4702	0.281527	0.439561	-2.275	6.53124	55.7947	7.59354	1
cg25054416	0.651628	1.46217	1.46217	0.0130544	0.0762294	-13.1183	0.0974523	4.57299	4.57299	0.332156	0.433315	-2.30779	4.17348	46.184	9.83651	1
cg05504685	0.00111856	1.30643	1.30643	0.0175114	0.851255	-1.17474	2.64E-10	7.69178	7.69178	0.0731442	1.11773	1.11773	186.067	9.14092	0.0436684	1
cg11230471	0.00136655	0.319757	-3.12738	5.87E-07	0.0340892	-29.3348	6.68E-05	0.16646	-6.00744	4.02E-05	0.145892	-6.85439	55.0946	52.549	0.847818	1
cg19963856	0.00211596	0.21703	-4.60766	0.265858	1.50668	1.50668	0.777189	0.904561	-1.10551	0.109216	1.85429	1.85429	13.3811	26.49	1.7597	1
cg08330690	0.000546587	0.0212368	-47.0881	0.00471368	0.0676678	-14.7781	0.123165	0.301849	-3.31292	0.300463	2.15879	2.15879	10.3265	84.1312	7.24187	1
cg03237218	0.00128561	0.100694	-9.93112	0.000921635	0.0887763	-11.2643	0.00355236	0.144739	-6.90897	0.68559	0.819457	-1.22032	9.58653	36.337	3.36927	1
cg24470734	0.0012013	0.18469	-5.41448	0.234315	1.55869	1.55869	0.887577	0.950888	-1.05165	0.162023	1.70155	1.70155	9.3852	18.8394	1.78431	1
cg19566405	0.00541573	0.108845	-9.18742	0.333804	1.82946	1.82946	0.97132	1.02202	1.02202	0.132403	2.67482	2.67482	5.88453	34.2171	5.16867	1
cg18587557	0.0126968	0.164404	-6.08256	0.010975	0.15561	-6.42631	0.0238546	0.207689	-4.8149	0.578293	1.38725	1.38725	5.2494	28.2494	4.78351	1
cg05174890	0.00898763	0.105284	-9.49815	0.0903931	0.282412	-3.54093	0.415396	1.75785	1.75785	0.214801	2.42265	2.42265	5.23937	38.1014	6.46412	1
cg20354552	0.0306873	0.141492	-7.06753	0.0205158	0.116472	-8.58573	0.0207945	0.117239	-8.5296	0.452908	1.80218	1.80218	4.90256	46.0714	8.35326	1
cg21697381	0.813715	1.14163	1.14163	0.00553559	7.7338	7.7338	0.0758075	3.03103	3.03103	0.0732817	3.06722	3.06722	4.66262	23.2528	4.43295	1
cg10431713	0.0607982	0.148795	-6.72067	0.00514282	0.035756	-27.9673	0.0605226	0.148416	-6.73781	0.57166	1.67399	1.67399	3.87126	49.8172	11.4386	1
cg20005518	0.00531851	0.211603	-4.72582	0.000773883	0.116276	-8.60024	0.557571	0.77817	-1.28507	0.337074	1.51973	1.51973	11.5275	32.6483	2.51751	1
cg00974761	0.0213967	0.525239	-1.90389	0.165467	0.708561	-1.41131	3.59E-06	0.0796014	-12.5626	5.34E-05	0.172774	-5.7879	60.2712	51.7765	0.763607	1
cg04373379	0.209174	0.756555	-1.32178	9.67E-06	0.134369	-7.4422	4.14E-06	0.105637	-9.46634	1.08E-05	0.138386	-7.22617	46.1073	32.4341	0.625286	1
cg14809705	0.000108097	2.86673	2.86673	8.00E-07	7.69934	7.69934	1.04E-05	4.28336	4.28336	0.106901	1.31209	1.31209	44.4491	16.7644	0.335253	1
cg01737554	0.196176	0.753981	-1.32629	0.000982376	0.363338	-2.75226	8.18E-05	0.230617	-4.3362	0.000889917	0.357564	-2.7967	40.598	27.4482	0.600974	1
cg08516792	0.0793248	0.637282	-1.56916	0.794834	0.941502	-1.06213	9.06E-05	0.198129	-5.04721	0.000814651	0.311131	-3.21408	29.4588	24.9627	0.753225	1
cg22763680	0.00558769	3.84948	3.84948	0.00515715	3.92792	3.92792	4.45E-05	17.5366	17.5366	0.164132	1.73308	1.73308	12.3437	26.8226	1.93154	1
cg06551997	0.824277	1.10772	1.10772	0.32984	0.629656	-1.58817	0.00011798	22.2062	22.2062	0.746296	1.16105	1.16105	10.7331	35.9713	2.97905	1
cg07257441	0.043283	2.09399	2.09399	0.837877	1.0673	1.0673	0.000154887	7.84885	7.84885	0.18005	1.57246	1.57246	8.99932	14.4068	1.423	1
cg00444151	0.843824	0.93158	-1.07345	0.660572	0.853183	-1.17208	0.000323813	8.0785	8.0785	0.281334	1.4953	1.4953	6.34989	12.9846	1.81765	1
cg11855615	0.63279	0.877433	-1.13969	0.762082	0.920833	-1.08597	0.0028848	3.04368	3.04368	0.972177	0.990571	-1.00952	6.07932	7.10385	1.03869	1
cg03677056	0.0127409	3.62192	3.62192	0.00132614	6.96924	6.96924	0.956097	0.977367	-1.02316	0.0930186	2.15638	2.15638	6.03685	16.5325	2.43431	1
cg01045118	0.14824	0.574222	-1.74149	0.560472	0.810137	-1.23436	0.0325648	2.44685	2.44685	0.0309109	2.47547	2.47547	5.98874	12.135	1.80117	1
cg11112161	0.69565	1.12588	1.12588	0.198825	0.663998	-1.50603	0.000537465	5.07271	5.07271	0.00348669	3.30499	3.30499	5.83416	8.40357	1.28036	1
cg18470427	0.223261	0.473256	-2.11302	0.120824	0.373989	-2.67388	0.00373865	9.86392	9.86392	0.485401	0.660711	-1.51352	4.74586	25.6894	4.81156	1
cg20429250	0.181766	1.32241	1.32241	0.352784	0.828194	-1.20745	0.00136735	2.49909	2.49909	0.345587	1.21108	1.21108	4.65269	2.86423	0.547207	1
cg03794801	0.00761594	0.123872	-8.07286	0.0179973	0.17389	-5.75076	0.00928573	7.4552	7.4552	0.429796	1.63318	1.63318	4.37564	25.6717	5.21508	1
cg21390082	0.0437309	0.255533	-3.91339	0.0682066	0.30064	-3.32624	0.0507734	3.70557	3.70557	0.120441	0.371081	-2.69483	4.13613	22.6911	4.8765	1
cg03526142	0.858113	0.928355	-1.07717	0.000124751	0.0621903	-16.0797	0.670189	0.836965	-1.19479	0.430819	0.716026	-1.3966	6.84925	18.7209	2.42958	1
cg19227485	1.65E-05	0.142618	-7.01172	1.44E-06	0.0678281	-14.7431	7.10E-05	0.203642	-4.91058	0.30187	0.790586	-1.26489	47.5708	36.3622	0.679449	1
cg15577706	0.000694523	0.332853	-3.00433	1.64E-05	0.151856	-6.58517	2.46E-05	0.16791	-5.95556	0.917386	0.978187	-1.0223	23.5946	16.8837	0.636067	1
cg26654790	0.748361	0.839212	-1.19159	0.0426622	0.272854	-3.66496	0.0223091	4.6379	4.6379	0.536562	0.710842	-1.40678	9.45166	43.4201	3.57304	1
cg16087679	0.0447451	0.285521	-3.50237	0.00153349	0.0837119	-11.9457	0.00256693	0.102828	-9.72501	0.0927566	0.365573	-2.73543	8.04188	37.6955	4.16658	1
cg17653886	0.597278	0.769953	-1.29878	0.000192705	21.7191	21.7191	0.00673488	5.59958	5.59958	0.080947	2.58273	2.58273	6.641	25.287	3.38464	1
cg10785284	0.905389	0.978184	-1.0223	0.14635	0.748828	-1.33542	0.0500391	0.660648	-1.51366	0.0217144	1.66723	1.66723	6.1783	3.36738	0.484473	1
cg00364956	0.0426392	0.378724	-2.64044	0.0133813	0.279592	-3.57664	0.618966	1.23191	1.23191	0.760204	0.880424	-1.13582	5.02112	13.7627	2.43641	1
cg05299278	0.0125318	0.182232	-5.48751	0.0123749	0.181421	-5.51203	0.00234381	0.0974901	-10.2575	0.030961	0.249425	-4.00923	8.6078	40.9668	4.23045	1
cg00397422	0.0731951	0.270371	-3.69862	0.0366682	0.20408	-4.90004	0.00862165	0.111624	-8.95864	0.0319377	0.192906	-5.18388	4.41532	29.9668	6.03289	1
cg13451886	0.0173393	1.53285	1.53285	0.000243464	2.44512	2.44512	0.0487443	1.39343	1.39343	0.00801958	1.64993	1.64993	11.2981	4.23156	0.305851	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11276193	SLFN5	0.002517	0.187323	0.744339	-1.34347	0.757118	0.936559	-1.06774	0.606034	1.11619	1.11619	0.938085	1.01655	1.01655	0.0762993	1.51689	1.51689	0.0560283	0.633	-1.57978	5.36E-05	0.203519	-4.91354	0.471735	1.16726	1.16726	0.12858	1.41487	1.41487	9.01404	6.37268	0.62842	1
cg21235251	SLFN5	0.00537964	0.000394392	0.337615	-2.96196	0.798586	0.951999	-1.05042	0.215156	1.2853	1.2853	0.00123769	0.403207	-2.48011	0.800962	1.0498	1.0498	0.242828	0.790472	-1.26507	0.585099	1.11188	1.11188	0.356339	1.20022	1.20022	0.244554	0.791214	-1.26388	7.17611	4.206	0.520988	1
cg03769704	SLFN5	0.00657247	0.894527	1.03593	1.03593	0.0696308	1.71589	1.71589	0.152179	0.664884	-1.50402	0.443089	1.23131	1.23131	0.00134765	0.289646	-3.45249	0.305159	0.753865	-1.3265	0.00183838	0.308124	-3.24544	0.0129424	0.440058	-2.27243	0.171759	0.679025	-1.4727	6.74612	7.56467	0.996744	1
cg02560699	SLFNL1;SLFNL1	0.000104714	0.117424	0.827598	-1.20832	4.53E-05	0.423777	-2.35973	0.00749456	0.681797	-1.46671	0.909383	1.01275	1.01275	5.55E-06	0.31938	-3.13107	0.0870777	1.23398	1.23398	0.0508636	1.28085	1.28085	0.668549	0.953204	-1.04909	0.482198	0.923594	-1.08273	21.8693	4.28874	0.174318	1
cg05646865	SLFNL1;SLFNL1	0.00136296	0.0809184	0.718421	-1.39194	0.0106586	0.577757	-1.73083	0.000572152	0.40201	-2.4875	0.0760647	0.71369	-1.40117	0.000143537	0.326408	-3.06365	0.00126242	0.447442	-2.23493	0.00601855	0.541594	-1.8464	0.197466	0.792318	-1.26212	0.004641	0.525481	-1.90302	10.7721	4.98126	0.411043	1
cg00016593	SLFNL1;SLFNL1	0.00228523	0.118391	0.83726	-1.19437	0.0219911	0.749868	-1.33357	0.0159768	0.73413	-1.36216	0.234045	0.877477	-1.13963	0.205867	1.15006	1.15006	0.0608321	0.801389	-1.24783	0.000258443	1.87753	1.87753	0.0134142	0.72557	-1.37823	0.266334	0.885729	-1.12901	9.27349	1.61223	0.154537	1
cg14853406	SLFNL1;SLFNL1	0.00363509	0.0372636	0.45797	-2.18355	0.467967	0.787775	-1.2694	0.164639	0.619471	-1.61428	0.749136	0.901556	-1.10919	0.000122667	0.11476	-8.71381	0.00261996	0.260316	-3.84148	0.00505331	0.301937	-3.31195	0.334622	0.725118	-1.37909	0.0736656	0.525135	-1.90427	8.0816	13.3547	1.46887	1
cg15433996	SLFNL1;SLFNL1	0.010517	0.815797	1.04185	1.04185	0.000498727	0.384047	-2.60385	0.207413	1.26312	1.26312	0.402898	1.1623	1.1623	0.019761	0.609822	-1.63982	0.0224437	0.618487	-1.61685	0.76491	1.05411	1.05411	0.894925	0.97705	-1.02349	0.72261	1.06463	1.06463	5.81591	2.84352	0.434597	1
cg00960373	SLFNL1;SLFNL1	0.0175899	0.025087	0.315875	-3.16581	0.00724866	0.223529	-4.47369	0.544557	0.767032	-1.30373	0.270738	0.609014	-1.642	0.00182642	0.14727	-6.79026	0.0360889	0.348468	-2.8697	0.0225937	0.307018	-3.25714	0.812278	0.902226	-1.10837	0.0327781	0.339555	-2.94503	4.91302	14.5532	2.63305	1
cg16026501	SLFNL1;SLFNL1	0.0290635	0.96587	0.993853	-1.00619	0.0243201	0.679215	-1.47229	0.0528689	0.728256	-1.37314	0.0279618	1.45385	1.45385	0.14243	1.25511	1.25511	0.466684	0.898758	-1.11265	0.0898728	1.30921	1.30921	0.0831731	0.75849	-1.31841	0.109262	0.777508	-1.28616	4.13303	1.35941	0.292368	1
cg02290550	SLFNL1;SLFNL1;SLFNL1;SLFNL1	3.10E-05	9.85E-06	0.177174	-5.64417	0.00404064	0.494923	-2.02052	0.262057	1.23742	1.23742	0.00171466	0.442488	-2.25995	5.82E-06	0.156146	-6.40425	0.639353	1.08978	1.08978	0.508602	0.885013	-1.12993	0.00072283	2.55199	2.55199	0.0831549	0.705085	-1.41827	30.1905	15.8663	0.467146	1
cg10188732	SLIT1	0.000409433	0.868236	0.9457	-1.05742	0.560167	1.21907	1.21907	0.0837063	1.90338	1.90338	0.357196	1.37493	1.37493	0.134422	0.581164	-1.72068	2.08E-05	17.9301	17.9301	0.000297862	0.138127	-7.2397	0.651284	1.16532	1.16532	0.470751	1.27981	1.27981	15.1028	27.0441	1.59171	1
cg18390345	SLIT1	0.00191596	0.00793529	0.435896	-2.29412	4.46E-05	0.15174	-6.59021	0.525877	0.854893	-1.16974	0.518378	0.852393	-1.17317	0.00468312	0.39972	-2.50175	0.457704	0.83155	-1.20257	0.238033	1.35184	1.35184	0.0614793	0.598185	-1.67172	0.483854	0.840676	-1.18952	9.76315	9.1997	0.83759	1
cg08980711	SLIT1	0.00238803	0.0450216	0.395773	-2.5267	0.0448936	0.395491	-2.5285	0.0260111	0.344843	-2.89987	0.455169	0.735994	-1.35871	0.03051	0.358987	-2.78561	0.130016	1.93294	1.93294	0.000198235	12.4207	12.4207	0.0571277	0.420076	-2.38052	0.68051	0.846328	-1.18158	9.15454	23.5442	2.2861	1
cg05667311	SLIT1	0.0032788	0.0844362	0.549465	-1.81995	0.0133396	2.61617	2.61617	0.143329	0.61055	-1.63787	0.765447	1.09841	1.09841	0.568278	1.19833	1.19833	0.234168	0.676202	-1.47885	0.0202811	0.415625	-2.40602	0.000217722	6.92137	6.92137	0.586472	0.841715	-1.18805	8.3348	12.9924	1.38561	1
cg09122387	SLIT1	0.00416488	0.174654	0.683531	-1.46299	0.00150915	0.299789	-3.33568	0.0598321	0.571427	-1.75001	0.0226986	0.487341	-2.05195	0.00879653	0.415118	-2.40895	0.0795241	0.598763	-1.67011	0.392616	1.2596	1.2596	0.000309017	0.213742	-4.67853	0.55246	0.853525	-1.17161	7.75736	8.53234	0.97769	1
cg07865216	SLIT1	0.00421638	0.79777	0.936637	-1.06765	0.831373	0.947088	-1.05587	0.0800006	1.64085	1.64085	0.240255	0.730913	-1.36815	0.00035273	0.231449	-4.32061	0.167135	1.45564	1.45564	0.00608919	2.49161	2.49161	0.0395689	1.83464	1.83464	0.962258	0.988009	-1.01214	7.7286	7.95537	0.91497	1
cg07143898	SLIT1	0.00565621	0.997342	0.999403	-1.0006	0.841644	1.03652	1.03652	0.458231	0.873347	-1.14502	0.578354	1.1059	1.1059	0.461172	0.874148	-1.14397	6.63E-05	3.71147	3.71147	0.69658	1.07278	1.07278	0.397756	0.856212	-1.16793	0.914358	1.01947	1.01947	7.06648	3.59751	0.452529	1
cg09913782	SLIT1	0.0106617	0.585408	1.1381	1.1381	0.00111811	0.323958	-3.08682	0.00453625	0.41148	-2.43025	0.59301	1.13507	1.13507	0.0430283	0.578812	-1.72768	0.92966	1.02095	1.02095	0.00858751	0.455121	-2.19722	0.2843	0.770122	-1.2985	0.277003	0.766811	-1.3041	5.79043	5.05761	0.776394	1
cg14226472	SLIT1	0.0177691	0.00132468	0.201322	-4.96716	0.0603996	0.483423	-2.06858	0.128485	1.7576	1.7576	0.278371	0.679173	-1.47238	0.0163769	0.365274	-2.73767	0.495101	1.26842	1.26842	0.345708	0.716538	-1.3956	0.0503184	0.464961	-2.15072	0.662492	0.860066	-1.1627	4.89632	9.13585	1.65854	1
cg23685759	SLIT1	0.0275552	0.161492	0.449032	-2.22701	0.608294	0.758196	-1.31892	0.396495	0.628162	-1.59195	0.748096	1.18833	1.18833	0.163737	0.451206	-2.21628	0.0124092	5.29349	5.29349	0.00282074	9.0513	9.0513	0.840782	1.11373	1.11373	0.599517	0.752967	-1.32808	4.21145	19.1265	4.03694	1
cg24410234	SLIT1	0.0317582	0.00460029	0.569384	-1.75628	0.40305	0.880047	-1.1363	0.842741	0.970775	-1.0301	0.971225	0.994628	-1.0054	0.0504183	0.716787	-1.39511	0.409804	0.881729	-1.13414	0.0137084	1.57637	1.57637	0.591782	1.08419	1.08419	0.176264	0.806792	-1.23948	4.00473	1.41425	0.313906	1
cg19453742	SLIT1	0.032487	0.518087	1.1715	1.1715	0.0019225	2.88876	2.88876	0.00409944	2.53535	2.53535	0.467283	1.19564	1.19564	0.497551	1.18101	1.18101	0.100458	1.5445	1.5445	0.153326	1.44681	1.44681	0.406439	1.22773	1.22773	0.110905	1.52131	1.52131	3.97233	3.6714	0.82155	1
cg09276368	SLIT1	0.042274	0.0881659	0.51886	-1.9273	0.170097	0.600785	-1.66449	0.695195	0.8717	-1.14718	0.169645	0.600419	-1.6655	0.240011	0.651162	-1.53572	0.0115765	3.00669	3.00669	0.0312148	2.41459	2.41459	0.508719	1.26335	1.26335	0.282536	0.677471	-1.47608	3.60861	6.94939	1.7118	1
cg13403232	SLIT1	0.0443893	0.582347	1.21859	1.21859	0.0450823	2.26689	2.26689	0.00906726	3.25558	3.25558	0.112941	0.541135	-1.84797	0.0298916	0.402757	-2.48289	0.624978	0.839168	-1.19166	0.677179	0.861554	-1.16069	0.589685	1.21384	1.21384	0.526275	1.25678	1.25678	3.54359	7.11	1.7835	1
cg27192088	SLIT1	0.0491656	0.424843	1.21684	1.21684	0.00834946	2.25163	2.25163	0.0114382	2.14274	2.14274	0.970731	1.00887	1.00887	0.617209	0.88573	-1.12901	0.0854077	0.632611	-1.58075	0.416213	0.818653	-1.22152	0.528392	1.16627	1.16627	0.415783	1.22175	1.22175	3.40985	3.13156	0.816342	1
cg13196826	SLIT1;SLIT1	2.13E-06	0.706184	0.936927	-1.06732	0.0299886	1.55144	1.55144	0.00488825	1.89963	1.89963	2.26E-05	4.30726	4.30726	0.304996	1.20049	1.20049	2.37E-08	35.6152	35.6152	0.301038	0.831655	-1.20242	0.670616	1.07637	1.07637	0.434409	0.871794	-1.14706	60.4357	28.3245	0.416597	1
cg02741216	SLIT1;SLIT1	0.00206516	0.778577	1.04455	1.04455	0.423609	0.881284	-1.13471	0.758398	0.953413	-1.04886	0.668556	1.06887	1.06887	0.584555	0.918167	-1.08913	2.10E-05	3.76746	3.76746	0.909504	1.01774	1.01774	0.792588	0.960069	-1.04159	0.570242	0.915105	-1.09277	9.5522	3.61745	0.336625	1
cg26164897	SLIT2	0.000206805	0.00637269	0.560781	-1.78323	0.646647	0.927559	-1.0781	0.0567815	0.703798	-1.42086	0.0843335	0.73265	-1.36491	0.192934	1.25167	1.25167	0.00154206	0.476108	-2.10037	0.147725	0.77644	-1.28793	0.0560799	0.702913	-1.42265	2.83E-06	0.160883	-6.21571	18.2052	7.65293	0.373663	1
cg09781944	SLIT2	0.000248017	0.2011	0.895456	-1.11675	0.752641	0.974474	-1.02619	0.00177458	1.43904	1.43904	0.739892	0.973119	-1.02762	0.00278501	0.713778	-1.40099	9.18E-06	0.456397	-2.19107	0.0635073	1.18606	1.18606	0.452623	1.06458	1.06458	0.987596	1.00127	1.00127	17.3275	1.83553	0.0941613	1
cg13485685	SLIT2	0.003042	0.0133373	0.772239	-1.29494	0.272433	1.1011	1.1011	0.340573	0.92053	-1.08633	0.00228191	0.697895	-1.43288	0.417383	0.932511	-1.07237	0.0772174	0.847351	-1.18015	0.0232565	0.795587	-1.25693	0.303379	1.09404	1.09404	0.000931848	1.51682	1.51682	8.52288	0.959513	0.100072	1
cg19940312	SLIT2	0.0107237	0.0386466	0.294971	-3.39017	0.095972	0.39378	-2.53949	0.272407	0.558594	-1.79021	0.0195986	0.237499	-4.21055	0.528469	0.722137	-1.38478	0.128002	0.43224	-2.31353	0.000990076	0.0825187	-12.1185	0.00983843	0.189527	-5.2763	0.0030123	0.125783	-7.95023	5.77965	23.7857	3.65815	1
cg12401640	SLIT2	0.0199632	0.58041	0.887088	-1.12728	0.280723	0.78616	-1.27201	0.193393	0.744289	-1.34356	0.625501	1.11132	1.11132	0.0425295	1.65065	1.65065	0.393928	0.829127	-1.20609	0.00201776	2.54643	2.54643	0.028081	1.74482	1.74482	0.089392	1.49466	1.49466	4.70751	3.43303	0.648236	1
cg03790250	SLIT2	0.0368966	0.48067	0.778903	-1.28386	0.236979	0.649302	-1.54012	0.273544	0.672221	-1.48761	0.320734	0.699351	-1.4299	0.627964	0.843488	-1.18555	0.0953895	0.528035	-1.89381	0.342165	0.71096	-1.40655	0.917645	1.03671	1.03671	0.00163756	4.81658	4.81658	3.79373	7.29981	1.71038	1
cg20928234	SLIT2	0.0374443	0.0150796	1.85064	1.85064	0.111946	0.699975	-1.42862	0.705084	1.08151	1.08151	0.711254	0.926237	-1.07964	0.982159	1.00462	1.00462	0.220137	0.766678	-1.30433	0.0198768	0.560263	-1.78488	0.634895	0.906123	-1.1036	0.0279452	1.70782	1.70782	3.77339	2.53808	0.597889	1
cg12899614	SLIT2	0.0396452	0.0290359	0.62087	-1.61064	0.0936475	0.710697	-1.40707	0.363666	0.841204	-1.18877	0.905302	1.02229	1.02229	0.30946	1.2151	1.2151	0.0472671	1.52267	1.52267	0.0231504	1.65356	1.65356	0.0899762	1.41364	1.41364	0.384587	1.17954	1.17954	3.69524	2.00799	0.483022	1
cg08428452	SLIT2;SLIT2	0.0154759	0.601466	1.05637	1.05637	0.592285	0.945302	-1.05786	0.0122591	1.38354	1.38354	0.305627	0.895497	-1.1167	0.0922097	0.824597	-1.21271	0.45595	0.92403	-1.08222	0.257078	0.884194	-1.13097	0.0227191	0.752949	-1.32811	0.00415303	1.49153	1.49153	5.1274	0.879272	0.152431	1
cg15927720	SLIT3	0.000124981	0.916043	1.04055	1.04055	0.467065	0.756568	-1.32176	0.155435	1.77361	1.77361	0.256978	0.640203	-1.56201	1.22E-06	0.00893669	-111.898	0.0127287	0.311325	-3.21208	0.568891	1.2424	1.2424	0.609389	0.823448	-1.21441	0.514025	1.28333	1.28333	20.8561	46.936	2.00042	1
cg04610601	SLIT3	0.000141913	0.00517162	0.39672	-2.52067	0.0214724	0.500652	-1.9974	8.09E-05	0.168477	-5.93554	0.0204209	0.496696	-2.0133	0.126782	0.661251	-1.51229	0.00188959	0.33189	-3.01305	5.34E-06	0.0755971	-13.228	0.00218277	0.340786	-2.9344	0.000880197	0.286859	-3.48603	20.1556	20.0214	0.882973	1
cg11458498	SLIT3	0.000151335	1.93E-05	0.27616	-3.62109	1.51E-05	0.264373	-3.78253	0.0761706	0.746215	-1.3401	0.110831	0.772792	-1.29401	0.717441	1.0554	1.0554	0.944945	1.0103	1.0103	0.00706025	0.596561	-1.67628	0.000684811	0.463244	-2.15869	0.0335059	0.691763	-1.44558	19.8095	6.90581	0.309876	1
cg02505121	SLIT3	0.00020909	1.33E-05	0.123359	-8.10641	0.218092	1.34603	1.34603	0.790173	0.940664	-1.06308	0.351754	0.802675	-1.24583	6.43E-05	0.185456	-5.39212	0.239167	1.32675	1.32675	0.00200241	0.367742	-2.7193	0.0351459	0.56956	-1.75574	0.349975	0.801985	-1.24691	18.151	15.1236	0.740634	1
cg11860075	SLIT3	0.000382382	6.75E-05	0.195991	-5.10228	0.764897	0.935203	-1.06929	0.584491	0.883956	-1.13128	0.369113	0.8138	-1.2288	3.42E-05	0.166747	-5.9971	0.164175	1.39315	1.39315	0.00201499	0.377877	-2.64636	0.0237312	0.547167	-1.8276	0.294281	0.784289	-1.27504	15.39	12.1613	0.702403	1
cg10862399	SLIT3	0.000537602	0.0543673	0.608586	-1.64315	0.0039706	0.414318	-2.4136	0.00074216	0.311871	-3.20646	0.000718697	0.310046	-3.22533	0.0655871	0.62495	-1.60013	0.0062778	0.444876	-2.24782	0.000363323	0.272524	-3.6694	5.17E-05	0.178561	-5.60032	0.126261	0.686388	-1.4569	14.0056	11.4791	0.728536	1
cg07350919	SLIT3	0.000563626	0.185768	0.573042	-1.74507	0.00556962	0.235736	-4.24204	0.00024043	0.0896577	-11.1535	0.00807066	0.26014	-3.84408	0.0356084	0.37882	-2.63977	0.00174916	0.17026	-5.87337	3.74E-05	0.0430915	-23.2064	0.00492867	0.22808	-4.38442	0.00432002	0.220034	-4.54474	13.8227	34.4785	2.21719	1
cg05457620	SLIT3	0.000708212	0.00322742	0.399026	-2.5061	0.000209748	0.242282	-4.12741	0.00212262	0.372529	-2.68436	0.00250363	0.382858	-2.61193	0.000312482	0.262775	-3.80554	0.27024	0.769149	-1.30014	0.00136063	0.345402	-2.89518	0.00100512	0.327502	-3.05342	0.0578894	0.612496	-1.63266	12.9685	10.7368	0.735927	1
cg17386093	SLIT3	0.00103342	0.230922	1.3635	1.3635	0.803306	1.06351	1.06351	0.245694	1.34926	1.34926	0.840529	1.05096	1.05096	0.756419	0.926106	-1.07979	0.0693868	0.605818	-1.65066	0.490325	1.18871	1.18871	1.17E-05	9.88951	9.88951	0.635513	0.888872	-1.12502	11.6573	11.2384	0.856945	1
cg09536336	SLIT3	0.00110442	0.0162267	0.486736	-2.0545	0.239636	0.739662	-1.35197	0.964199	1.01105	1.01105	0.0208126	0.505918	-1.97661	1.91E-05	0.119072	-8.39825	0.0318708	0.540127	-1.85142	0.0089963	0.443328	-2.25566	0.0221065	0.510651	-1.95829	0.689653	1.1033	1.1033	11.4392	10.8665	0.844389	1
cg12892107	SLIT3	0.00126698	0.667612	0.936102	-1.06826	0.245588	0.830587	-1.20397	2.34E-05	0.274897	-3.63772	0.993523	0.99876	-1.00124	0.424513	0.882797	-1.13276	0.382927	0.872181	-1.14655	0.00591549	1.73381	1.73381	0.86337	1.02668	1.02668	0.621446	0.926743	-1.07905	10.9997	4.06985	0.328885	1
cg12180070	SLIT3	0.00266004	0.182684	1.3551	1.3551	0.377383	1.21487	1.21487	0.000121441	0.236386	-4.23038	0.893496	1.0292	1.0292	0.0850809	1.50551	1.50551	0.88682	0.969861	-1.03108	0.0429602	0.606208	-1.6496	0.00438198	0.441461	-2.2652	0.25817	0.77605	-1.28858	8.86836	6.48565	0.650066	1
cg04128513	SLIT3	0.00450558	0.0682093	0.62108	-1.6101	0.000673105	0.297297	-3.36364	0.00143884	0.341426	-2.92889	0.120835	0.675441	-1.48051	0.0189711	0.515508	-1.93983	0.0487712	0.591599	-1.69033	0.556074	0.870334	-1.14898	0.00213895	0.365661	-2.73477	0.725726	1.08562	1.08562	7.57487	6.52685	0.765906	1
cg23160224	SLIT3	0.00533066	0.0321615	0.511683	-1.95433	0.957562	0.985891	-1.01431	0.000181559	0.184348	-5.42453	0.023718	0.486301	-2.05634	0.0985614	0.6165	-1.62206	0.0766319	0.591047	-1.69191	0.333988	0.766384	-1.30483	0.00279412	0.332786	-3.00493	0.702863	0.902725	-1.10776	7.19626	8.12604	1.00374	1
cg26570448	SLIT3	0.00533223	0.020391	0.515752	-1.93892	0.000460329	0.270866	-3.69186	0.000679337	0.292238	-3.42187	0.902969	0.971522	-1.02931	0.112667	0.664271	-1.50541	0.234602	0.744431	-1.34331	0.032063	0.551621	-1.81284	0.0426661	0.575342	-1.7381	0.0946025	0.647112	-1.54533	7.19561	6.39507	0.789996	1
cg27648808	SLIT3	0.00796558	0.0162529	0.37842	-2.64257	0.0115425	0.351887	-2.84182	0.122485	0.57501	-1.7391	0.5879	0.83452	-1.19829	0.00188884	0.233107	-4.28988	0.061474	0.498293	-2.00685	0.00115253	0.206134	-4.85121	0.0571121	0.490813	-2.03744	0.0123009	0.356709	-2.80341	6.35276	10.9994	1.53905	1
cg25093603	SLIT3	0.0125197	0.339462	1.27793	1.27793	0.0263436	1.9273	1.9273	0.233636	0.732683	-1.36485	0.00817267	0.430374	-2.32356	0.00967809	0.442457	-2.2601	0.66329	1.1153	1.1153	0.0180241	2.0456	2.0456	0.578901	0.869667	-1.14986	0.192595	0.70928	-1.40988	5.49723	5.40197	0.873486	1
cg13908833	SLIT3	0.0137453	0.0122062	5.29224	5.29224	0.0173802	4.6901	4.6901	0.230543	1.9565	1.9565	0.0401181	3.54515	3.54515	0.167322	0.455922	-2.19336	0.6919	1.2368	1.2368	0.00409081	7.81249	7.81249	0.0284239	3.97545	3.97545	0.0127098	5.21906	5.21906	5.33194	24.0435	4.0083	1
cg21545840	SLIT3	0.014617	0.0192616	0.588704	-1.69865	0.017384	0.581582	-1.71945	0.000760511	0.384859	-2.59835	0.534231	1.12503	1.12503	0.523848	0.886129	-1.1285	0.197666	0.775046	-1.29025	0.0345209	0.630424	-1.58623	0.0472021	0.65379	-1.52954	0.67245	0.923501	-1.08284	5.22515	2.8983	0.493052	1
cg19755833	SLIT3	0.0168173	0.465745	0.827333	-1.2087	0.00689994	0.409428	-2.44243	0.0256038	0.508058	-1.96828	0.676836	0.898501	-1.11296	0.373651	1.26263	1.26263	0.198847	1.41438	1.41438	0.00461038	2.61876	2.61876	0.253961	0.737721	-1.35553	0.817425	0.942662	-1.06083	4.98746	5.15035	0.917918	1
cg21953891	SLIT3	0.0174539	0.231625	1.88976	1.88976	0.00127208	10.8546	10.8546	0.243535	1.85709	1.85709	0.214501	1.94044	1.94044	0.113245	0.417132	-2.39732	0.611353	1.29688	1.29688	0.0625262	2.89608	2.89608	0.0283294	3.71789	3.71789	0.016406	4.42772	4.42772	4.92582	20.0761	3.62283	1
cg06472636	SLIT3	0.0175728	0.0483617	0.380328	-2.62931	0.00907886	0.241505	-4.1407	0.0104919	0.251497	-3.97619	0.151023	0.517121	-1.93378	0.00833455	0.235746	-4.24185	0.0163826	0.284402	-3.51614	0.00593692	0.213956	-4.67387	0.110579	0.474668	-2.10674	0.0424391	0.367333	-2.72233	4.91462	14.2957	2.58561	1
cg22631387	SLIT3	0.0183066	0.00407249	0.37389	-2.67459	0.906649	0.970511	-1.03038	0.412286	0.807439	-1.23848	0.28758	1.32542	1.32542	0.0240558	0.503272	-1.987	0.138972	0.666071	-1.50134	0.127283	1.52312	1.52312	0.00588195	0.398656	-2.50843	0.234159	0.727442	-1.37468	4.84749	4.99813	0.916512	1
cg05906024	SLIT3	0.0187206	0.0425202	4.29954	4.29954	0.00557637	9.71089	9.71089	0.18563	2.40228	2.40228	0.101637	3.06198	3.06198	0.0957643	0.319019	-3.1346	0.515959	1.50877	1.50877	0.0118362	7.11622	7.11622	0.0280808	5.05245	5.05245	0.0231613	5.44816	5.44816	4.81108	29.7115	5.48947	1
cg26624398	SLIT3	0.0216409	0.577371	0.799529	-1.25074	0.00147708	6.19208	6.19208	0.0313213	2.72892	2.72892	0.599803	0.810244	-1.2342	0.753668	0.882394	-1.13328	0.189993	0.575976	-1.73618	0.0665494	0.441451	-2.26526	0.425375	0.723591	-1.382	0.930364	0.965859	-1.03535	4.5797	11.4575	2.22381	1
cg26690956	SLIT3	0.0247532	0.261286	0.767237	-1.30338	0.000789153	0.317489	-3.14972	0.261587	1.30314	1.30314	0.347492	0.803501	-1.24455	0.38316	1.22417	1.22417	0.978718	0.993985	-1.00605	0.197296	1.36105	1.36105	0.819212	0.94954	-1.05314	0.231186	1.32849	1.32849	4.37229	3.5421	0.720111	1
cg26119620	SLIT3	0.0318446	0.430722	0.778552	-1.28444	0.00353625	3.42353	3.42353	0.036465	2.1312	2.1312	0.436656	0.781156	-1.28015	0.187295	0.647272	-1.54495	0.375095	0.753265	-1.32755	0.0582231	0.51365	-1.94685	0.829844	0.935211	-1.06928	0.64266	0.864652	-1.15654	4.00084	6.13821	1.36376	1
cg18669388	SLIT3	0.0334093	0.0283528	0.268181	-3.72883	0.0155966	0.22137	-4.51733	0.0343813	0.285095	-3.50761	0.238387	0.533666	-1.87383	0.0179729	0.231767	-4.31467	0.128764	0.433954	-2.30439	0.0103482	0.193506	-5.16779	0.0191312	0.23648	-4.22868	0.0829257	0.376674	-2.65481	3.93259	16.1063	3.64052	1
cg25984601	SLIT3	0.0362756	0.328033	2.0282	2.0282	0.00831282	10.6216	10.6216	0.672639	1.34672	1.34672	0.314577	2.07182	2.07182	0.0362003	0.181582	-5.50715	0.771442	0.815447	-1.22632	0.0318714	5.82179	5.82179	0.0578945	4.48946	4.48946	0.0836072	3.82382	3.82382	3.81724	29.6602	6.90672	1
cg21122370	SLIT3	0.0375575	0.0126493	0.271667	-3.68098	0.444903	1.38738	1.38738	0.0282351	0.336491	-2.97184	0.870021	0.933466	-1.07128	0.0135039	0.276517	-3.61642	0.0924932	0.459132	-2.17802	0.0204837	0.309148	-3.2347	0.889101	1.06041	1.06041	0.162276	0.534042	-1.87251	3.76924	10.5517	2.48839	1
cg08712336	SLIT3	0.0380151	0.197234	0.69802	-1.43262	0.399196	1.25561	1.25561	0.252039	0.729376	-1.37104	0.0209301	0.480552	-2.08094	0.00678969	0.39647	-2.52226	0.0904535	0.611405	-1.63558	0.00863551	0.41351	-2.41832	0.121507	0.642275	-1.55697	0.382617	0.789673	-1.26635	3.75259	4.13381	0.97919	1
cg24624090	SLIT3	0.048358	0.244869	1.53884	1.53884	0.096346	0.523649	-1.90968	0.0384928	0.427626	-2.33849	0.3444	1.41211	1.41211	0.451842	1.31206	1.31206	0.0421504	2.29221	2.29221	0.0442938	2.26733	2.26733	0.102058	0.530434	-1.88525	0.633077	1.1858	1.1858	3.43131	6.82278	1.76746	1
cg00534479	SLIT3;MIR218-2	0.001363	0.292294	0.828906	-1.20641	0.00485793	1.89903	1.89903	0.0385856	1.50908	1.50908	0.573288	0.906886	-1.10267	0.587819	0.910297	-1.09854	0.91168	0.981125	-1.01924	5.30E-05	0.273559	-3.65552	0.0831826	1.39016	1.39016	0.877993	0.973962	-1.02673	10.772	5.03209	0.41524	1
cg09887953	SLIT3;MIR218-2	0.00644068	0.00490379	0.369623	-2.70546	0.276861	1.35249	1.35249	0.0157704	2.20292	2.20292	0.907514	1.03151	1.03151	0.00686138	2.54638	2.54638	0.0408853	1.87777	1.87777	0.00374051	2.84391	2.84391	0.219612	1.41147	1.41147	0.145631	1.5176	1.5176	6.78865	7.66363	1.00346	1
cg05664895	SLIT3;MIR218-2	0.00740074	0.156518	0.8611	-1.1613	0.497144	1.07039	1.07039	0.0162621	1.33637	1.33637	0.0346205	0.784214	-1.27516	0.985766	0.998241	-1.00176	0.518444	1.06673	1.06673	0.000514431	1.70726	1.70726	0.111549	0.842811	-1.18651	0.925148	0.990771	-1.00932	6.50107	1.00243	0.137062	1
cg17324804	SLIT3;MIR585	0.00550461	0.694062	1.09561	1.09561	0.42814	0.829576	-1.20544	0.0161982	0.506973	-1.97249	0.0633048	0.617325	-1.61989	0.0528524	0.60154	-1.6624	0.0351109	0.567251	-1.76289	0.000115528	0.209855	-4.76519	0.0475691	0.592523	-1.6877	0.137682	0.691269	-1.44661	7.12572	6.0202	0.750982	1
cg02968405	SLIT3;MIR585	0.0369026	0.845949	1.04319	1.04319	0.690343	1.09095	1.09095	0.00256212	0.402836	-2.4824	0.623091	0.897911	-1.1137	0.39731	1.20733	1.20733	0.544488	1.14264	1.14264	0.44178	1.1859	1.1859	0.0104381	0.496145	-2.01554	0.800114	1.0567	1.0567	3.79351	2.83915	0.665265	1
cg01663016	SLIT3;SLIT3	0.0320749	0.74919	1.04592	1.04592	0.920956	0.986205	-1.01399	0.860589	1.02491	1.02491	0.0058126	1.65794	1.65794	0.299584	1.16237	1.16237	0.561012	0.921024	-1.08575	0.0286201	0.696701	-1.43534	0.0110919	1.56161	1.56161	0.732349	0.953089	-1.04922	3.99054	1.23799	0.275761	1
cg18937395	SLITRK1	0.00388926	0.00220929	0.693679	-1.44159	0.102841	1.16435	1.16435	0.000932466	1.5239	1.5239	0.178583	0.885281	-1.12958	0.407934	1.07484	1.07484	0.408677	0.930483	-1.07471	0.288479	1.09851	1.09851	0.153235	1.13928	1.13928	0.0121254	1.30553	1.30553	7.91917	0.911769	0.102342	1
cg20826348	SLITRK1	0.0206469	0.247377	0.901508	-1.10925	0.000799265	0.647894	-1.54346	0.395739	1.07741	1.07741	0.242575	0.900465	-1.11054	0.0958681	0.854878	-1.16976	0.149445	1.14169	1.14169	0.61905	0.95794	-1.04391	0.0631459	0.835957	-1.19623	0.632737	1.04214	1.04214	4.65387	0.541722	0.103469	1
cg13988851	SLITRK1	0.0281273	0.941991	0.971847	-1.02897	0.709267	0.863242	-1.15842	0.632703	0.827662	-1.20822	0.37218	0.697006	-1.43471	0.225433	1.65421	1.65421	0.251909	0.623249	-1.6045	0.980918	0.990659	-1.00943	0.00154172	0.149826	-6.67442	0.0249532	2.93378	2.93378	4.61259	11.011	1.85669	1
cg26998274	SLITRK1;SLITRK1	0.00525038	0.177895	0.480193	-2.08249	0.889853	1.07358	1.07358	0.0402113	3.36876	3.36876	0.691617	0.81523	-1.22665	0.0106614	0.193018	-5.18086	0.178404	2.08048	2.08048	0.000230436	0.0435691	-22.952	0.860328	1.09444	1.09444	0.878173	1.08177	1.08177	7.22978	30.0617	3.69603	1
cg22057720	SLITRK1;SLITRK1	0.00911938	0.903533	0.975547	-1.02507	0.00022274	0.285104	-3.50749	0.521095	0.875641	-1.14202	0.18491	1.33256	1.33256	0.585957	0.893772	-1.11885	0.772694	0.942578	-1.06092	0.155454	0.73318	-1.36392	0.98325	1.0043	1.0043	0.0471363	1.59017	1.59017	6.08686	4.01906	0.58692	1
cg01729717	SLITRK1;SLITRK1	0.0190746	0.0649545	1.56052	1.56052	0.82858	1.04766	1.04766	0.838226	1.04487	1.04487	0.239385	1.30285	1.30285	0.164724	1.37476	1.37476	0.783501	0.942574	-1.06093	0.00123031	0.362458	-2.75894	0.032213	1.71365	1.71365	0.946889	1.01441	1.01441	4.78073	3.49116	0.649117	1
cg23897336	SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.00981087	0.000519098	0.197985	-5.05089	0.862719	0.949539	-1.05314	0.459785	0.798383	-1.25253	0.030018	2.14603	2.14603	0.678587	1.13277	1.13277	0.0140844	0.403869	-2.47605	0.869227	1.05053	1.05053	0.445566	1.26193	1.26193	0.637893	1.15238	1.15238	5.9468	8.42998	1.26006	1
cg06845960	SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.0130038	0.00992204	0.25404	-3.93639	0.931472	1.03684	1.03684	0.171563	0.542096	-1.84469	0.875777	1.06802	1.06802	0.661942	0.831035	-1.20332	0.254581	0.606268	-1.64944	0.000405411	0.0939821	-10.6403	0.27566	1.61134	1.61134	0.171154	0.541738	-1.84591	5.42962	15.2182	2.49138	1
cg27584469	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.0391167	0.0973246	0.423728	-2.36001	0.273475	0.58401	-1.7123	0.229023	0.551154	-1.81437	0.00285468	6.94085	6.94085	0.117894	2.22854	2.22854	0.234261	0.555187	-1.8012	0.368276	1.54671	1.54671	0.934653	1.03946	1.03946	0.861786	1.08572	1.08572	3.71351	13.0993	3.13552	1
cg18112785	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.000978395	0.477619	0.775464	-1.28955	0.0307461	0.409147	-2.44411	0.000499723	6.80547	6.80547	0.000147046	9.97068	9.97068	0.00548805	3.61812	3.61812	0.0989126	0.528767	-1.89119	0.773206	0.90324	-1.10713	0.991903	0.996432	-1.00358	0.995925	0.998203	-1.0018	11.8396	23.2594	1.74626	1
cg06476341	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.00199776	0.129971	0.53237	-1.87839	0.0408891	0.402693	-2.48328	0.001706	5.62127	5.62127	0.000299343	9.65402	9.65402	0.00422073	4.37773	4.37773	0.527091	0.781155	-1.28016	0.952657	1.02315	1.02315	0.129075	1.88161	1.88161	0.309083	1.50038	1.50038	9.64506	22.6915	2.09125	1
cg02352295	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.0025104	0.649124	0.864775	-1.15637	0.00825014	2.91999	2.91999	0.255329	1.45742	1.45742	0.0247067	2.3355	2.3355	0.376049	1.33394	1.33394	0.228725	1.49282	1.49282	0.000191526	0.136288	-7.33738	0.0195567	2.44716	2.44716	0.764139	0.908969	-1.10015	9.02101	14.3733	1.41628	1
cg01796247	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.00271834	0.018324	0.473558	-2.11167	0.318665	1.30879	1.30879	0.962694	1.01229	1.01229	0.657561	1.12354	1.12354	0.937854	1.02057	1.02057	0.414972	0.804474	-1.24305	0.000110047	0.169074	-5.91457	0.00689043	2.49271	2.49271	0.614871	0.875936	-1.14164	8.81175	9.51453	0.959782	1
cg08609270	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.00695959	0.470746	0.695628	-1.43755	0.00551341	0.164547	-6.07728	0.115666	2.33014	2.33014	0.00438428	6.56684	6.56684	0.0215463	3.91737	3.91737	0.0607782	0.351482	-2.8451	0.606238	1.2933	1.2933	0.0531799	0.337347	-2.96431	0.170429	2.05884	2.05884	6.62707	25.6814	3.44464	1
cg21787176	SLITRK3	5.72E-05	0.439137	0.865566	-1.15531	0.518253	0.887067	-1.12731	0.00016237	3.24667	3.24667	0.00664814	1.90486	1.90486	0.00251248	0.464015	-2.1551	0.0942718	0.714219	-1.40013	0.00808569	0.537635	-1.86	5.76E-06	6.47354	6.47354	0.0307571	0.628623	-1.59078	25.6909	13.6209	0.471274	1
cg06170300	SLITRK3	0.000139401	0.17463	0.853364	-1.17183	0.350484	0.899841	-1.11131	0.142298	1.18914	1.18914	1.33E-06	3.89706	3.89706	0.651408	0.951278	-1.05122	0.516019	1.075	1.075	0.328576	0.895169	-1.11711	0.473627	1.08333	1.08333	0.141856	1.1894	1.1894	20.2527	3.86856	0.169791	1
cg06312254	SLITRK3	0.000259936	0.277372	0.908557	-1.10065	0.0101903	1.31657	1.31657	0.000523228	1.58246	1.58246	0.0173889	0.782049	-1.27869	0.000629888	0.640157	-1.56212	0.000387653	0.618534	-1.61672	0.00475997	0.727469	-1.37463	0.732292	1.02958	1.02958	0.0132694	1.29759	1.29759	17.1072	1.95241	0.101447	1
cg00466268	SLITRK3	0.00102403	0.0126834	0.640995	-1.56008	0.581046	1.08331	1.08331	0.115913	1.27802	1.27802	0.0131717	1.55464	1.55464	4.03E-05	0.324502	-3.08164	0.645408	0.935648	-1.06878	0.515841	1.0992	1.0992	0.10927	0.778263	-1.28491	0.10633	1.2881	1.2881	11.6875	3.81481	0.290134	1
cg00059161	SLITRK3	0.00300706	0.0128733	0.303899	-3.29057	0.467996	1.32948	1.32948	0.256346	1.57922	1.57922	0.0889047	2.06193	2.06193	0.000430131	0.116662	-8.57179	0.110651	1.95501	1.95501	0.0199792	0.338597	-2.95336	0.04492	2.42938	2.42938	0.0558061	0.433585	-2.30635	8.55218	20.1458	2.09389	1
cg06020130	SLITRK3	0.00304299	0.0796576	1.42197	1.42197	0.865085	1.03126	1.03126	0.0753745	1.43088	1.43088	0.101459	1.38339	1.38339	0.024261	1.6259	1.6259	0.331397	1.19886	1.19886	0.000132432	0.301286	-3.3191	0.725951	1.06576	1.06576	0.200573	0.782959	-1.27721	8.52205	4.42087	0.461117	1
cg01882260	SLITRK3	0.00459986	0.00130953	0.195223	-5.12235	0.00263884	0.233858	-4.2761	0.0724071	0.49658	-2.01377	0.353801	0.71669	-1.3953	0.0759382	0.50176	-1.99298	0.744183	0.891962	-1.12112	0.0004698	0.146715	-6.81592	0.710792	1.13888	1.13888	0.0888924	0.519338	-1.92553	7.52739	14.5349	1.71639	1
cg25198481	SLITRK3	0.0174245	0.0909148	0.327149	-3.05671	0.425729	1.62905	1.62905	0.108829	2.8555	2.8555	0.751707	0.826598	-1.20978	0.937123	0.953767	-1.04847	0.000419334	0.0348998	-28.6535	0.458397	0.635716	-1.57303	0.254653	0.489876	-2.04133	0.558356	0.701089	-1.42635	4.92861	28.0982	5.0676	1
cg18520603	SLITRK4	0.000683263	0.0054551	0.295378	-3.38549	5.91E-05	0.0837663	-11.938	0.0477639	0.469943	-2.12792	0.0209656	0.395873	-2.52606	0.000414681	0.154293	-6.48118	0.395884	0.748212	-1.33652	0.35112	0.726033	-1.37735	0.547686	1.22504	1.22504	0.000503277	0.162899	-6.13877	13.0994	23.0917	1.56693	1
cg06475811	SLITRK4	0.000836154	0.525551	0.81665	-1.22451	0.00161593	0.240934	-4.15052	0.0808873	0.543647	-1.83943	0.0721465	1.88127	1.88127	0.000472611	0.177437	-5.63579	0.20746	1.51975	1.51975	0.000891881	4.79102	4.79102	0.0159358	2.53286	2.53286	0.546152	0.825044	-1.21206	12.3771	19.4341	1.39571	1
cg05735850	SLITRK4	0.0468611	0.0307829	0.328138	-3.04749	0.095746	0.447639	-2.23394	0.0930321	0.444095	-2.25177	0.345061	1.53296	1.53296	0.0383024	0.348356	-2.87063	0.138762	0.49657	-2.01381	0.00466964	0.191609	-5.21895	0.18925	0.542863	-1.84209	0.571756	0.778012	-1.28533	3.47228	10.6117	2.71656	1
cg19577779	SLITRK5	0.00136071	0.349568	0.834345	-1.19854	0.00151148	2.36212	2.36212	0.00971913	1.84998	1.84998	0.000281176	0.32732	-3.05511	0.997031	0.9993	-1.0007	0.121567	0.729292	-1.37119	0.0954295	0.708551	-1.41133	0.947821	0.987766	-1.01239	0.011706	0.552994	-1.80834	10.7772	6.03795	0.498002	1
cg12206423	SLITRK5	0.00380979	0.211678	2.02305	2.02305	0.0126742	0.190276	-5.25552	0.0604119	0.321741	-3.10809	0.262101	0.534608	-1.87053	0.375702	0.61455	-1.62721	0.0644547	0.328758	-3.04175	0.447653	0.660706	-1.51353	0.00024352	25.7484	25.7484	0.314193	1.74614	1.74614	7.9685	36.1938	4.03743	1
cg24366314	SLITRK5	0.0180748	0.0685017	2.49854	2.49854	0.0297304	3.15436	3.15436	0.468256	1.39288	1.39288	0.199095	1.83908	1.83908	0.0220923	3.42936	3.42936	0.0296875	3.15563	3.15563	0.00281771	6.34402	6.34402	0.00528835	5.21107	5.21107	0.0209773	3.48	3.48	4.86833	15.5455	2.83839	1
cg00109076	SLITRK5	0.0297248	0.109986	4.7389	4.7389	0.212273	0.309339	-3.2327	0.183321	0.283423	-3.52829	0.257921	0.348442	-2.86991	0.163187	0.264695	-3.77793	0.105786	0.206421	-4.84446	0.330627	0.408001	-2.45098	0.00434463	30.0668	30.0668	0.160132	3.81982	3.81982	4.10022	51.7908	11.2277	1
cg09083627	SLITRK5	0.031199	0.0597381	0.548278	-1.82389	0.0974336	0.597815	-1.67276	0.577154	1.17272	1.17272	0.134925	0.633882	-1.57758	0.00340476	0.324322	-3.08336	0.450834	0.804666	-1.24275	0.203055	0.683797	-1.46242	0.0579005	1.83394	1.83394	0.404625	1.27279	1.27279	4.03022	5.10749	1.12649	1
cg25081106	SLITRK5	0.0317816	0.183935	1.29726	1.29726	0.131863	1.35024	1.35024	0.215145	1.27239	1.27239	0.305567	1.21637	1.21637	0.14485	1.33524	1.33524	0.183447	1.29768	1.29768	0.00197721	0.446204	-2.24113	0.355209	1.19196	1.19196	0.77927	1.05325	1.05325	4.00367	2.16157	0.479907	1
cg20682236	SLITRK6	0.00467169	0.26131	0.785011	-1.27387	0.00494205	0.463386	-2.15803	0.000730465	0.346118	-2.88919	0.330233	0.812528	-1.23073	0.780488	0.943907	-1.05943	0.606391	1.11337	1.11337	0.0107546	1.93905	1.93905	0.0104373	0.513644	-1.94688	0.262466	0.78551	-1.27306	7.49203	5.06615	0.601072	1
cg00276797	SLK	0.000125819	0.712628	1.04074	1.04074	0.428002	1.09127	1.09127	0.000110464	2.08414	2.08414	0.925449	0.989949	-1.01015	8.61E-06	0.352007	-2.84085	0.211206	0.867468	-1.15278	0.0223727	0.744247	-1.34364	0.20695	0.866186	-1.15449	0.0203579	1.3523	1.3523	20.8187	3.84131	0.164011	1
cg19596454	SLK	0.000937582	0.0101661	1.25347	1.25347	0.0515779	0.856901	-1.167	0.160412	1.11017	1.11017	0.0162048	0.81467	-1.22749	9.09E-05	0.614133	-1.62831	0.0751491	1.1481	1.1481	0.0565399	0.860315	-1.16237	0.0445862	0.851516	-1.17438	0.045749	1.17307	1.17307	11.9833	0.921938	0.0683868	1
cg22391400	SLK	0.0361901	0.782906	1.03545	1.03545	0.437341	0.90489	-1.10511	0.0279958	1.38744	1.38744	0.66823	0.947067	-1.05589	0.852186	1.02381	1.02381	0.46727	0.910915	-1.0978	0.00232138	0.584747	-1.71014	0.11387	0.804949	-1.24231	0.409446	1.11228	1.11228	3.82052	0.962799	0.224007	1
cg08602515	SLK	0.0376115	0.425664	0.577694	-1.73102	?	?	?	0.24641	2.26509	2.26509	0.283353	2.1209	2.1209	0.755809	1.2342	1.2342	0.00180628	0.0501336	-19.9467	0.179748	2.61449	2.61449	0.590914	1.44196	1.44196	0.481861	0.617435	-1.6196	3.82739	24.5148	6.4051	1
cg11183415	SLMAP	0.000895113	0.0068849	0.392775	-2.54599	0.00485558	0.368778	-2.71166	0.0605162	0.568171	-1.76003	0.4269	1.24196	1.24196	5.80E-05	0.13662	-7.31959	0.0822817	0.598003	-1.67223	0.0900419	1.64718	1.64718	0.029324	1.98512	1.98512	0.0385239	0.527152	-1.89699	12.1414	13.7196	1.00443	1
cg11339849	SLMAP	0.0181441	0.643706	0.913448	-1.09475	0.214708	1.289	1.289	0.0114109	1.85043	1.85043	0.800944	1.05033	1.05033	0.00713159	0.508927	-1.96492	0.173354	0.75459	-1.32522	0.0343321	0.618888	-1.6158	0.0369433	0.6244	-1.60154	0.264631	0.797734	-1.25355	4.86207	2.9091	0.531845	1
cg27261963	SLMAP	0.0253598	0.86465	0.93923	-1.0647	0.73553	0.882865	-1.13268	0.23853	1.57405	1.57405	0.00956167	0.299433	-3.33964	0.638513	0.840398	-1.18991	0.00154757	0.187699	-5.32768	0.219245	0.622025	-1.60765	0.350642	1.42336	1.42336	0.694931	1.15585	1.15585	4.33562	9.27264	1.90108	1
cg10719247	SLMAP	0.0467658	0.0339531	0.483819	-2.06689	0.00481577	0.333889	-2.99501	0.268555	0.713221	-1.40209	0.0599136	0.536577	-1.86367	0.0956564	0.584616	-1.71053	0.111404	0.60137	-1.66287	0.160055	1.55305	1.55305	0.766075	0.916217	-1.09144	0.650104	0.874649	-1.14332	3.47495	4.73375	1.21089	1
cg15172734	SLMAP;SLMAP	5.32E-05	0.0388808	1.50619	1.50619	0.0342932	1.52647	1.52647	6.01E-06	5.68833	5.68833	0.000151841	3.04405	3.04405	0.894383	1.02301	1.02301	0.0463717	0.676492	-1.47821	0.000312478	0.367441	-2.72152	0.129542	0.75539	-1.32382	0.00523308	1.87934	1.87934	26.1864	12.1671	0.413006	1
cg16207974	SLMO1;SLMO1	0.00201264	0.210682	1.29734	1.29734	0.00592998	0.491485	-2.03465	0.576988	0.894741	-1.11764	0.455556	1.16184	1.16184	4.93E-05	0.222072	-4.50304	0.249513	0.788563	-1.26813	0.594686	1.11181	1.11181	0.200149	1.30619	1.30619	0.181861	0.75601	-1.32273	9.62421	5.93803	0.548434	1
cg27360300	SLMO1;SLMO1	0.00857641	0.933897	0.966105	-1.03508	0.00075105	8.37404	8.37404	0.271542	1.6093	1.6093	0.337707	1.50808	1.50808	0.0187501	0.306069	-3.26724	0.363117	0.678054	-1.47481	0.063917	0.420777	-2.37656	0.301528	1.56042	1.56042	0.0640212	0.420954	-2.37555	6.20644	16.9849	2.43258	1
cg11941929	SLMO1;SLMO1	0.0192368	0.582951	0.874399	-1.14364	0.316278	0.778198	-1.28502	0.36134	1.25498	1.25498	0.23536	0.740061	-1.35124	0.0138985	0.479225	-2.0867	0.00480361	0.40425	-2.47372	0.0289279	1.86523	1.86523	0.273434	1.31767	1.31767	0.0734251	0.616848	-1.62115	4.76705	4.42307	0.824749	1
cg26522337	SLMO1;SLMO1	0.0209734	0.00897772	0.619299	-1.61473	0.147295	1.25138	1.25138	0.477236	0.901033	-1.10984	0.217172	1.20592	1.20592	0.257494	1.18579	1.18579	0.63111	1.07226	1.07226	0.00242106	1.83865	1.83865	0.990366	1.00174	1.00174	0.162377	1.23998	1.23998	4.62903	1.52457	0.292756	1
cg22086828	SLMO1;SLMO1	0.0362324	0.0145244	1.69302	1.69302	0.803049	1.04467	1.04467	0.020788	0.614674	-1.62688	0.237342	1.2417	1.2417	0.0855683	0.717256	-1.3942	0.854758	1.03256	1.03256	0.0273145	1.5788	1.5788	0.574057	1.10442	1.10442	0.611668	0.914358	-1.09366	3.81889	1.8496	0.430515	1
cg24300924	SLMO1;SLMO1	0.0385231	0.163561	0.870373	-1.14893	0.0521246	1.2291	1.2291	0.0263992	0.782057	-1.27868	0.416861	0.92545	-1.08056	0.250357	1.11869	1.11869	0.155397	1.15252	1.15252	0.0165513	0.760832	-1.31435	0.305594	1.10412	1.10412	0.559149	1.0567	1.0567	3.7344	0.515656	0.12274	1
cg26216876	SLMO2	3.34E-05	5.98E-05	0.130356	-7.67131	0.00369459	0.340569	-2.93626	0.12295	0.632035	-1.58219	0.00656694	0.379389	-2.63582	3.04E-05	0.106629	-9.3783	3.88E-05	0.114841	-8.70769	7.90E-05	0.141012	-7.09158	0.000968189	3.8512	3.8512	0.00112232	0.267968	-3.73179	29.6026	35.3371	1.06108	1
cg06943251	SLMO2	0.000103092	0.131885	0.701988	-1.42453	0.0149681	0.521581	-1.91725	0.0035453	0.423198	-2.36296	0.264966	1.28759	1.28759	2.55E-05	0.162495	-6.15405	0.00206837	0.389155	-2.56967	2.27E-05	0.157904	-6.33297	0.574954	0.884022	-1.13119	7.97E-05	0.212123	-4.71424	21.9609	16.465	0.666436	1
cg02902946	SLMO2	0.000167514	0.000101571	0.0859507	-11.6346	0.00302121	0.234871	-4.25766	0.00379445	0.248664	-4.02149	0.263416	0.660008	-1.51513	7.50E-05	0.0771522	-12.9614	0.000647026	0.154919	-6.45499	9.95E-05	0.0853205	-11.7205	0.376672	1.3817	1.3817	0.000871753	0.168676	-5.92853	19.2739	38.7719	1.78811	1
cg20726575	SLMO2	0.000277319	0.000120752	0.0861549	-11.607	0.000694585	0.151258	-6.61124	0.00408741	0.245053	-4.08075	0.0919097	0.508044	-1.96833	0.0464891	0.435083	-2.29841	0.000670178	0.14967	-6.68135	0.000110851	0.0835892	-11.9633	0.742247	0.886522	-1.128	0.000150106	0.0929268	-10.7612	16.8076	35.4571	1.87519	1
cg02912129	SLMO2	0.000307299	0.141584	0.779914	-1.28219	0.911137	0.982596	-1.01771	0.649245	1.07467	1.07467	0.548526	1.10018	1.10018	8.20E-06	0.216273	-4.62379	0.429238	0.880817	-1.13531	0.00831315	0.588298	-1.69982	0.297707	0.843858	-1.18503	0.000182617	0.369703	-2.70487	16.3422	6.40119	0.348175	1
cg18912847	SLMO2	0.00496151	0.00499881	0.192883	-5.1845	0.0735505	0.413209	-2.42009	0.0856613	0.431033	-2.32001	0.391928	0.678028	-1.47487	0.00155299	0.13324	-7.50527	0.0162056	0.271764	-3.67966	0.00217461	0.148756	-6.72244	0.641838	1.23062	1.23062	0.00242172	0.153987	-6.49407	7.35593	22.864	2.76288	1
cg20623172	SLMO2	0.0134313	0.00647323	0.498311	-2.00678	0.0612057	0.660297	-1.51447	0.0297137	0.604424	-1.65447	0.30081	0.809808	-1.23486	0.000514868	0.344206	-2.90524	0.162333	0.745625	-1.34116	0.0295996	0.604138	-1.65525	0.240287	0.785121	-1.27369	0.314189	0.814805	-1.22729	5.37249	3.29434	0.545054	1
cg25574548	SLMO2	0.0181856	0.316036	0.889021	-1.12483	0.00453941	1.53578	1.53578	0.0609341	1.27085	1.27085	0.514372	1.07792	1.07792	0.281696	1.13537	1.13537	0.598916	0.94155	-1.06208	0.0153492	0.713441	-1.40166	0.176605	1.17705	1.17705	0.0246087	1.35494	1.35494	4.85833	0.990848	0.181287	1
cg03255221	SLMO2;SLMO2	0.0498935	0.692864	1.03834	1.03834	0.403475	1.0844	1.0844	0.194192	0.877931	-1.13904	0.98119	0.997768	-1.00224	0.586267	0.949245	-1.05347	0.758249	0.971163	-1.02969	0.00127005	0.640401	-1.56152	0.271741	1.11454	1.11454	0.682327	1.03978	1.03978	3.39088	0.48247	0.126475	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16476427	SLN	0.0103046	0.0543343	0.517787	-1.9313	0.018035	0.420627	-2.3774	0.00592644	0.337906	-2.9594	0.13614	0.61626	-1.62269	0.00488652	0.324819	-3.07864
cg07668993	SLPI	9.64E-05	0.0239454	0.674641	-1.48227	0.00498733	1.72107	1.72107	0.000665451	0.467134	-2.14072	0.000744323	0.473333	-2.11268	9.64E-05	0.362929	-2.75536
cg14609407	SLPI	0.00518344	0.331085	0.816714	-1.22442	0.30316	0.806274	-1.24027	0.00333413	0.446354	-2.24037	0.449008	0.855762	-1.16855	0.00102052	0.374073	-2.67327
cg23480341	SLPI	0.0240389	0.21013	0.565189	-1.76932	0.756555	0.874282	-1.1438	0.0127556	0.262665	-3.80713	0.0320909	0.33798	-2.95875	0.888001	0.940934	-1.06277
cg05190679	SLTM;SLTM	0.0008567	0.126485	0.724011	-1.38119	0.0296094	0.60634	-1.64924	0.000991526	0.384476	-2.60094	0.149306	0.739281	-1.35267	0.626584	0.908656	-1.10053
cg08101054	SLTM;SLTM	0.000980827	0.587973	1.11939	1.11939	0.000462847	0.321126	-3.11404	0.000137739	0.2569	-3.89257	0.0757559	0.665282	-1.50312	0.172658	0.741372	-1.34885
cg23840866	SLTM;SLTM	0.00382362	0.00530495	1.72695	1.72695	0.00130535	0.498551	-2.00581	0.00711147	0.596293	-1.67703	0.416338	0.883801	-1.13148	0.715617	1.05591	1.05591
cg01897796	SLTM;SLTM	0.0155133	?	?	?	0.00930627	0.104997	-9.52405	0.608274	0.723754	-1.38168	0.231105	2.2186	2.2186	0.746514	0.816723	-1.22441
cg11836585	SLTM;SLTM	0.0474823	0.371306	1.19585	1.19585	0.21009	1.29348	1.29348	0.130056	1.37521	1.37521	0.765203	1.06009	1.06009	0.0220425	1.70748	1.70748
cg01947585	SLTM;SLTM	0.0496886	0.889461	0.97736	-1.02316	0.534455	1.10916	1.10916	0.0973888	1.34924	1.34924	0.00320024	0.515466	-1.93999	0.922558	1.01614	1.01614
cg19083363	SLTM;SLTM;SLTM;SLTM	0.0135262	0.571834	0.837749	-1.19368	0.332497	0.733594	-1.36315	0.715398	1.12016	1.12016	0.0801093	0.547889	-1.82519	0.00187221	0.254907	-3.923
cg15333689	SLU7	0.000110975	0.0122343	0.629578	-1.58837	0.185	1.2317	1.2317	0.00175671	1.93648	1.93648	0.98109	0.996493	-1.00352	0.000165534	0.386162	-2.58959
cg02471917	SLU7	0.00156727	0.296248	1.17227	1.17227	0.000118805	0.372286	-2.68611	0.000971142	0.486547	-2.0553	0.0459425	0.714828	-1.39894	0.0442463	0.712381	-1.40374
cg14532748	SLU7	0.0026056	0.942861	0.991981	-1.00808	0.0511584	0.779232	-1.28331	0.000191803	0.493806	-2.02509	0.827541	1.02481	1.02481	0.975178	0.996511	-1.0035
cg06878013	SLU7	0.00390235	0.0773087	0.506707	-1.97353	0.498448	0.788292	-1.26857	0.339174	1.40639	1.40639	0.099125	0.534822	-1.86978	0.379748	0.732048	-1.36603
cg08418508	SLU7	0.00634056	0.987695	1.00647	1.00647	0.000187442	0.0715721	-13.9719	0.0622507	0.41557	-2.40633	0.0657829	0.421584	-2.37201	0.0416511	0.374364	-2.6712
cg00583654	SLU7;SLU7	2.68E-05	0.045897	1.66413	1.66413	0.136342	1.42934	1.42934	0.107427	1.47857	1.47857	0.0191839	0.532214	-1.87894	0.197208	1.35449	1.35449
cg00635382	SLURP1	0.000806791	0.00383594	0.718827	-1.39115	0.00935284	1.32207	1.32207	0.00175191	0.685367	-1.45907	0.610228	0.957386	-1.04451	0.0070321	1.34335	1.34335
cg06894628	SLURP1	0.00772524	0.768252	1.04796	1.04796	0.00415505	0.543823	-1.83883	0.000567457	0.42885	-2.33182	0.583563	1.09174	1.09174	0.362027	0.861957	-1.16015
cg20862496	SLURP1	0.0222019	0.383361	0.709195	-1.41005	0.243148	0.625317	-1.59919	0.00141374	0.169282	-5.90729	0.00893016	0.278407	-3.59187	0.0480125	0.419425	-2.38421
cg06565975	SLURP1	0.0352746	0.105977	0.196125	-5.0988	0.0939503	0.182841	-5.46923	0.100198	0.189815	-5.26829	0.158681	0.249065	-4.01501	0.0247568	0.0849117	-11.7769
cg20108693	SLURP1;SLURP1	0.0463868	0.0250606	0.189481	-5.27757	0.0816995	0.299958	-3.3338	0.0936431	0.316421	-3.16035	0.210241	0.438666	-2.27964	0.0167798	0.161772	-6.18153
cg01803059	SMAD1	0.0224414	0.0278983	2.16562	2.16562	0.0474036	1.96317	1.96317	0.0654256	1.84969	1.84969	0.558614	1.19234	1.19234	0.361588	1.32169	1.32169
cg06440646	SMAD1;SMAD1	0.0140447	0.861673	1.01451	1.01451	0.455063	0.939095	-1.06485	0.822017	0.981564	-1.01878	0.0963508	0.860029	-1.16275	0.915203	1.00884	1.00884
cg08521989	SMAD1;SMAD1	0.0163697	0.16402	0.781371	-1.2798	0.0266871	0.646459	-1.54689	0.0453187	0.682872	-1.4644	0.000635605	0.418243	-2.39095	0.0225959	0.635338	-1.57396
cg02971575	SMAD1;SMAD1	0.0336259	0.805196	1.165	1.165	0.00673978	0.0908622	-11.0057	0.0666213	3.76346	3.76346	?	?	?	0.043281	0.22027	-4.53989
cg24827839	SMAD1;SMAD1	0.0392077	0.0596842	0.583113	-1.71493	0.504216	1.1877	1.1877	0.697398	0.905583	-1.10426	0.343695	0.780692	-1.28092	0.00241388	0.342158	-2.92263
cg14379327	SMAD1;SMAD1	0.0421063	0.125622	0.751471	-1.33072	0.747487	1.05727	1.05727	0.142022	1.31276	1.31276	0.00961319	0.568319	-1.75957	0.040102	1.50518	1.50518
cg05666828	SMAD1;SMAD1	0.0459761	0.00217944	0.112241	-8.90941	0.0259048	0.260474	-3.83916	0.954615	0.971464	-1.02937	?	?	?	0.896448	1.06848	1.06848
cg07912766	SMAD2;SMAD2	0.0335262	0.1965	0.629797	-1.58781	0.952789	0.980154	-1.02025	0.542881	0.811784	-1.23185	0.946637	0.977593	-1.02292	0.0012913	0.204416	-4.892
cg06236559	SMAD2;SMAD2;SMAD2	0.000239193	0.00395839	0.334996	-2.98511	0.00152439	0.275854	-3.6251	0.0033615	0.324373	-3.08287	0.324392	1.33269	1.33269	1.29E-05	0.0753657	-13.2686
cg21851386	SMAD2;SMAD2;SMAD2	0.000409617	0.915643	1.01962	1.01962	0.374377	0.846023	-1.182	0.730746	1.0654	1.0654	0.239432	0.797786	-1.25347	9.24E-05	0.278093	-3.59592
cg17243289	SMAD2;SMAD2;SMAD2	0.0154978	0.11116	0.728477	-1.37273	0.547992	0.894958	-1.11737	0.863122	1.032	1.032	0.082828	1.41997	1.41997	0.011396	0.560925	-1.78277
cg25446808	SMAD2;SMAD2;SMAD2	0.0179929	0.000590818	0.525295	-1.90369	0.23337	1.16368	1.16368	0.224743	1.16731	1.16731	0.955111	0.993194	-1.00685	0.393994	0.899495	-1.11174
cg03294491	SMAD2;SMAD2;SMAD2	0.0233424	0.186824	0.527635	-1.89525	0.916764	0.953356	-1.04893	0.156238	0.500056	-1.99977	0.208456	1.8329	1.8329	0.00941055	0.222209	-4.50027
cg16366656	SMAD2;SMAD2;SMAD2	0.0353892	0.730254	0.917831	-1.08952	0.867152	1.04235	1.04235	0.650277	0.893089	-1.11971	0.495009	1.18726	1.18726	0.0553015	0.583809	-1.71289
cg27188447	SMAD3	0.00034425	0.0626629	1.45718	1.45718	0.295147	1.21548	1.21548	0.158918	1.31078	1.31078	0.074312	1.42963	1.42963	8.12E-06	0.173368	-5.76807
cg25793587	SMAD3	0.00117279	0.544657	1.07923	1.07923	0.000292245	2.08379	2.08379	0.00465553	1.59681	1.59681	0.0340494	1.3602	1.3602	0.00169196	0.572446	-1.74689
cg05438378	SMAD3	0.00219933	0.00860523	0.359004	-2.78549	0.0539003	0.512181	-1.95244	0.00747913	0.348962	-2.86564	0.0119792	0.383497	-2.60759	0.00294925	0.287068	-3.48349
cg07576222	SMAD3	0.00273575	0.00464439	1.38485	1.38485	0.525577	0.945895	-1.0572	0.533316	1.05608	1.05608	0.0401251	1.22764	1.22764	0.0903938	0.850987	-1.17511
cg02414045	SMAD3	0.00289754	0.217142	0.83095	-1.20344	0.0034093	1.76396	1.76396	0.00925844	0.62438	-1.60159	0.998732	0.999773	-1.00023	0.000384331	0.445689	-2.24372
cg06846320	SMAD3	0.0127254	0.187998	1.57356	1.57356	0.27602	0.691972	-1.44514	0.0196024	0.399966	-2.50021	0.175555	0.626217	-1.59689	0.914515	1.03551	1.03551
cg00604410	SMAD3;SMAD3	0.00935171	0.187287	1.33241	1.33241	0.000780514	2.83905	2.83905	0.00520203	2.13234	2.13234	0.312659	1.23919	1.23919	0.173283	0.742647	-1.34653
cg00364615	SMAD3;SMAD3	0.0381752	0.0109161	0.365232	-2.73798	0.0857935	0.549604	-1.81949	0.0407534	0.474914	-2.10564	0.42332	1.29408	1.29408	0.0235663	0.426389	-2.34528
cg18603446	SMAD3;SMAD3;SMAD3	8.93E-05	0.00126964	0.758778	-1.31791	0.0159748	0.840982	-1.18909	0.00437886	0.799783	-1.25034	0.0308435	0.861699	-1.1605	0.0885059	0.895547	-1.11664
cg10271529	SMAD3;SMAD3;SMAD3	0.000559118	0.0694525	0.876856	-1.14044	0.000416046	0.696059	-1.43666	0.227741	0.921333	-1.08538	0.000291374	0.682345	-1.46554	0.751157	0.979623	-1.0208
cg25547520	SMAD3;SMAD3;SMAD3	0.00794768	0.00729448	0.163437	-6.11858	0.00230345	0.107557	-9.29743	0.192587	0.485816	-2.05839	0.347998	0.603009	-1.65835	0.013337	0.20093	-4.97687
cg03531899	SMAD3;SMAD3;SMAD3	0.0117223	0.295038	0.796107	-1.25611	0.0026902	0.418579	-2.38903	0.0530945	0.630353	-1.58641	0.361063	0.821072	-1.21792	0.386382	0.829904	-1.20496
cg03008078	SMAD3;SMAD3;SMAD3	0.0170974	0.671846	0.922135	-1.08444	0.238512	0.790674	-1.26474	0.297499	0.814263	-1.22811	0.410597	1.17361	1.17361	0.00118935	0.404919	-2.46963
cg26430287	SMAD3;SMAD3;SMAD3	0.0361186	0.468017	0.696965	-1.43479	0.00104937	0.0934207	-10.7043	0.249116	0.554905	-1.80211	0.980428	1.01207	1.01207	0.0346792	0.300013	-3.33319
cg24032190	SMAD3;SMAD3;SMAD3	0.0386925	0.0266575	0.0985321	-10.149	0.870238	0.865682	-1.15516	0.030956	0.106998	-9.34593	0.107806	0.212631	-4.70299	0.246396	0.343193	-2.91381
cg13042808	SMAD3;SMAD3;SMAD3;SMAD3	0.00194944	0.85664	1.02636	1.02636	0.596731	1.07986	1.07986	0.0242516	0.679465	-1.47175	0.153169	1.24618	1.24618	0.0737798	0.750693	-1.3321
cg09616787	SMAD3;SMAD3;SMAD3;SMAD3	0.0029887	0.827552	1.01604	1.01604	0.0067628	0.774042	-1.29192	0.000325943	0.654562	-1.52774	0.016392	1.23866	1.23866	0.67951	0.970145	-1.03077
cg07110488	SMAD3;SMAD3;SMAD3;SMAD3	0.00376026	0.00399132	0.371795	-2.68965	0.188242	0.700134	-1.4283	0.0357288	0.535339	-1.86797	0.780847	0.931172	-1.07392	0.00601541	0.399436	-2.50353
cg01710852	SMAD3;SMAD3;SMAD3;SMAD3	0.00794706	0.00549925	0.324929	-3.07759	0.00461505	0.313178	-3.19307	0.012256	0.382523	-2.61422	0.0556336	0.512747	-1.95028	0.00390274	0.302204	-3.30902
cg17092065	SMAD3;SMAD3;SMAD3;SMAD3	0.0138781	0.00727312	0.191788	-5.2141	0.0538349	0.351968	-2.84117	0.229673	0.548155	-1.8243	0.277659	0.583622	-1.71344	0.0286357	0.291847	-3.42645
cg13331691	SMAD3;SMAD3;SMAD3;SMAD3	0.0158869	0.0147142	0.289954	-3.44883	0.045611	0.388638	-2.57309	0.10683	0.48387	-2.06667	0.714712	0.859525	-1.16343	0.0126673	0.278674	-3.58842
cg00718923	SMAD3;SMAD3;SMAD3;SMAD3	0.0225188	0.0925435	1.3926	1.3926	0.0028428	2.0854	2.0854	0.0812617	1.41307	1.41307	0.948474	0.988505	-1.01163	0.058751	0.682542	-1.46511
cg26913446	SMAD3;SMAD3;SMAD3;SMAD3	0.0377589	0.694771	0.903156	-1.10723	0.489414	0.834125	-1.19886	0.98051	0.99371	-1.00633	0.051352	0.563818	-1.77362	0.598864	1.14695	1.14695
cg26876701	SMAD3;SMAD3;SMAD3;SMAD3	0.0449312	0.0230569	0.365198	-2.73824	0.327254	1.45477	1.45477	0.336792	0.692763	-1.4435	0.687611	1.16163	1.16163	0.270191	0.653412	-1.53043
cg22589511	SMAD3;SMAD3;SMAD3;SMAD3;SMAD3	0.00362625	0.00107828	0.251322	-3.97896	0.651503	0.878034	-1.13891	0.0934203	0.589871	-1.69529	0.785233	1.08127	1.08127	0.00365783	0.324863	-3.07822
cg05416643	SMAD4	0.0001315	0.0263709	0.857166	-1.16664	0.00102969	1.32928	1.32928	0.0543023	0.88002	-1.13634	0.105217	0.901583	-1.10916	0.346262	0.944814	-1.05841
cg26909431	SMAD4	0.0210217	0.726537	1.03629	1.03629	0.00944237	1.39648	1.39648	0.463826	1.07863	1.07863	0.961905	1.00486	1.00486	0.00787238	1.41356	1.41356
cg06329143	SMAD4	0.0215274	0.6428	0.972178	-1.02862	0.42066	0.951514	-1.05096	0.820924	1.01379	1.01379	0.804879	1.01507	1.01507	0.338443	1.06142	1.06142
cg25778220	SMAD4	0.0253182	?	?	?	0.804831	0.883936	-1.1313	0.457782	1.45758	1.45758	0.993406	1.00413	1.00413	?	?	?
cg00400189	SMAD4	0.0282599	0.375928	1.19219	1.19219	0.00690776	0.508435	-1.96682	0.144428	1.35432	1.35432	0.482551	1.14806	1.14806	0.0639325	0.668414	-1.49608
cg03500911	SMAD4	0.0458808	0.283902	0.415008	-2.40959	0.986978	1.0129	1.0129	0.354108	2.12125	2.12125	?	?	?	0.00273833	0.0325806	-30.6931
cg07162551	SMAD5;SMAD5;SMAD5	0.00911973	0.0638948	1.24347	1.24347	0.724355	0.963633	-1.03774	0.0437522	0.784646	-1.27446	0.01768	1.35243	1.35243	0.0428733	0.783612	-1.27614
cg03559817	SMAD5;SMAD5;SMAD5;SMAD5;SMAD5;SMAD5;SMAD5OS	0.00220705	0.212281	0.874978	-1.14289	0.210511	0.874476	-1.14354	0.298612	0.896263	-1.11574	0.00569965	0.691724	-1.44566	0.067554	0.812048	-1.23145
cg02352653	SMAD5;SMAD5;SMAD5;SMAD5OS	0.000744322	0.0682959	1.23304	1.23304	0.0483856	0.793367	-1.26045	0.00131127	0.618756	-1.61615	0.288167	1.11982	1.11982	0.000147641	1.95367	1.95367
cg12320263	SMAD5;SMAD5;SMAD5;SMAD5OS	0.0183332	0.0160751	0.730681	-1.36859	0.0443847	0.781974	-1.27882	0.69424	1.04298	1.04298	0.0773899	0.811311	-1.23257	0.0489004	1.27065	1.27065
cg05517233	SMAD5;SMAD5;SMAD5OS;SMAD5	2.46E-06	0.00624735	0.707868	-1.41269	0.000203739	1.82885	1.82885	0.00081877	0.613263	-1.63062	4.31E-07	4.01197	4.01197	0.000438035	0.583568	-1.7136
cg26818820	SMAD5;SMAD5;SMAD5OS;SMAD5	0.000667202	0.0836398	0.7379	-1.3552	4.01E-05	3.4746	3.4746	0.671539	1.07005	1.07005	0.000921732	2.19417	2.19417	0.0165195	0.628188	-1.59188
cg15329133	SMAD5;SMAD5;SMAD5OS;SMAD5	0.00284644	0.00885724	0.443294	-2.25584	0.0163304	2.04807	2.04807	0.00614974	0.417791	-2.39354	0.77143	1.07372	1.07372	0.00151588	0.327786	-3.05077
cg26880865	SMAD5OS	0.0131693	0.144604	0.805116	-1.24206	0.118541	0.791036	-1.26417	0.00587484	0.607304	-1.64662	0.454551	0.899983	-1.11113	0.0181714	1.487	1.487
cg23172828	SMAD6;SMAD6	0.000598517	0.0162671	1.64787	1.64787	0.000731349	2.39321	2.39321	0.00791918	1.78404	1.78404	0.0013118	2.21454	2.21454	0.00347213	1.96266	1.96266
cg04093349	SMAD6;SMAD6	0.00317964	0.00191134	6.70676	6.70676	0.000244021	13.81	13.81	0.0193549	3.40224	3.40224	0.230273	1.72448	1.72448	0.011175	3.96192	3.96192
cg06103624	SMAD6;SMAD6	0.0108921	0.0104717	4.60494	4.60494	0.000637695	12.0085	12.0085	0.141282	2.11655	2.11655	0.171655	1.9931	1.9931	0.0679064	2.63566	2.63566
cg07124372	SMAD6;SMAD6	0.0424367	0.0863021	0.694008	-1.44091	0.101177	0.707521	-1.41339	0.0064303	0.505001	-1.98019	0.0175796	0.572991	-1.74523	0.837667	0.961229	-1.04034
cg13601605	SMAD6;SMAD6;SMAD6	0.00120618	0.0103167	0.786479	-1.27149	0.681267	0.969773	-1.03117	0.0588539	0.853351	-1.17185	0.00951241	0.783385	-1.27651	0.0824746	0.866798	-1.15367
cg02013741	SMAD6;SMAD6;SMAD6	0.0106962	0.108074	0.708574	-1.41128	0.468657	0.86513	-1.1559	0.00796701	0.512535	-1.95109	0.00283556	0.445928	-2.24251	0.0262713	0.595761	-1.67852
cg18778196	SMAD6;SMAD6;SMAD6	0.0217513	0.189579	0.64788	-1.54349	0.778901	0.915835	-1.0919	0.107995	0.578218	-1.72945	0.00620246	0.328007	-3.04872	0.020173	0.416765	-2.39943
cg02478158	SMAD6;SMAD6;SMAD6	0.0299577	0.223123	1.21844	1.21844	0.631771	0.928187	-1.07737	0.0106515	0.609213	-1.64146	0.0164499	1.57211	1.57211	0.189554	1.23921	1.23921
cg20308684	SMAD6;SMAD6;SMAD6	0.0369052	0.227824	1.24851	1.24851	0.00122104	2.29252	2.29252	0.168016	0.772902	-1.29383	0.636174	0.919847	-1.08714	0.694862	0.933215	-1.07156
cg17860201	SMAD6;SMAD6;SMAD6;SMAD6	0.00196091	0.0559131	0.690527	-1.44817	0.000886913	0.426744	-2.34332	0.00484817	0.527947	-1.89413	0.144366	1.3075	1.3075	0.00329084	0.504224	-1.98325
cg00839844	SMAD7	0.00566811	0.590664	0.92683	-1.07895	0.000964724	1.98912	1.98912	0.00346324	1.74258	1.74258	0.353033	1.14308	1.14308	0.529856	1.09315	1.09315
cg11909137	SMAD7	0.00806064	0.0680029	0.444652	-2.24895	0.00112603	6.69277	6.69277	0.0150453	3.27048	3.27048	0.233008	0.609036	-1.64194	0.519553	0.771915	-1.29548
cg05310557	SMAD7	0.0108263	0.0400173	0.757774	-1.31965	0.118722	1.21886	1.21886	0.118047	0.820088	-1.21938	0.51256	0.925318	-1.08071	0.00142338	0.583106	-1.71495
cg05119084	SMAD7	0.0269134	0.60329	0.927175	-1.07855	0.176584	0.812872	-1.23021	0.724457	1.05237	1.05237	0.229176	0.83361	-1.1996	0.000879945	0.48716	-2.05271
cg21718735	SMAD7	0.033747	0.327819	1.75042	1.75042	0.00148436	12.6881	12.6881	0.00908643	6.27998	6.27998	0.470355	1.50239	1.50239	0.723077	1.218	1.218
cg07661480	SMAD7	0.0478675	0.699194	1.15962	1.15962	0.147801	1.80804	1.80804	0.0783162	2.10843	2.10843	0.0495294	2.35065	2.35065	0.220119	0.611564	-1.63515
cg19575813	SMAD7;SMAD7	0.0252766	0.172309	0.870582	-1.14866	0.395383	0.920312	-1.08659	0.344086	0.911211	-1.09744	0.985505	1.00173	1.00173	0.000663288	0.608174	-1.64427
cg10436026	SMAD9;SMAD9	6.50E-05	0.0336201	0.604925	-1.6531	0.0350732	1.6443	1.6443	0.332011	0.816523	-1.22471	0.0250089	0.582689	-1.71618	7.60E-07	0.0674236	-14.8316
cg14962159	SMAD9;SMAD9	0.000297903	0.00169736	0.31511	-3.17349	0.00228166	0.333243	-3.00081	0.22761	0.721638	-1.38574	0.00483631	0.381878	-2.61864	1.89E-05	0.106399	-9.39856
cg02819828	SMAD9;SMAD9	0.00045768	0.00672303	0.641097	-1.55983	0.74943	0.960276	-1.04137	0.042782	0.744552	-1.34309	0.0122823	0.674018	-1.48364	7.77E-05	0.40464	-2.47134
cg14168755	SMAD9;SMAD9	0.000509303	0.457247	0.935974	-1.06841	0.000904061	0.647932	-1.54337	0.00213824	0.685912	-1.45791	0.937694	0.99319	-1.00686	0.387088	1.08057	1.08057
cg06559111	SMAD9;SMAD9	0.00119858	0.0101594	0.521923	-1.91599	0.069721	1.50206	1.50206	0.0203604	0.570738	-1.75212	0.406729	0.843465	-1.18559	7.73E-05	0.237957	-4.20244
cg01044129	SMAD9;SMAD9	0.00224936	0.084471	0.838179	-1.19306	0.269953	1.1121	1.1121	0.354692	0.915697	-1.09206	0.0522572	1.22654	1.22654	0.0407545	1.24418	1.24418
cg27598979	SMAD9;SMAD9	0.00395545	0.689659	0.9359	-1.06849	0.0609937	0.705743	-1.41695	0.0976635	0.740873	-1.34976	0.869689	1.02747	1.02747	7.70E-05	0.306667	-3.26087
cg03283486	SMAD9;SMAD9	0.00487925	0.0364718	0.491452	-2.03479	0.540718	0.834465	-1.19837	0.0479156	0.516416	-1.93642	0.41848	1.27326	1.27326	0.000884207	0.233163	-4.28884
cg18978540	SMAD9;SMAD9	0.014744	0.878324	1.01945	1.01945	0.511962	0.919775	-1.08722	0.00184531	0.573542	-1.74355	0.974677	0.996017	-1.004	0.748662	0.960388	-1.04125
cg13165085	SMAD9;SMAD9	0.0212106	0.671364	0.943814	-1.05953	0.00437219	1.67497	1.67497	0.0630483	1.32754	1.32754	0.303126	1.15549	1.15549	0.0133547	0.660164	-1.51478
cg18665036	SMAD9;SMAD9	0.0242779	0.386421	0.786617	-1.27127	0.097238	0.611405	-1.63558	0.74189	1.09346	1.09346	0.460701	1.2251	1.2251	0.769824	0.923748	-1.08255
cg16194715	SMAD9;SMAD9	0.0298742	0.2654	1.20869	1.20869	0.00763029	0.571117	-1.75096	0.699311	1.06543	1.06543	0.464019	1.12943	1.12943	0.414451	0.87264	-1.14595
cg05644498	SMAD9;SMAD9	0.0318356	?	?	?	0.038705	0.310816	-3.21734	0.01456	4.90172	4.90172	0.0884221	0.42143	-2.37287	?	?	?
cg01034396	SMAD9;SMAD9	0.0367048	0.663519	0.849405	-1.1773	0.320387	0.68193	-1.46643	0.137167	1.8166	1.8166	0.058289	2.22075	2.22075	0.00177001	0.190117	-5.25992
cg15122365	SMAGP;SMAGP	0.00417132	0.00131968	0.658094	-1.51954	0.158172	0.873631	-1.14465	0.15805	1.1447	1.1447	0.0791112	0.839824	-1.19073	0.412721	0.927754	-1.07787
cg07289018	SMAGP;SMAGP	0.031272	0.91159	1.03975	1.03975	0.813741	1.08635	1.08635	0.621587	0.839785	-1.19078	0.0309614	0.41108	-2.43262	0.00234869	0.225408	-4.43639
cg04086834	SMAP1;SMAP1	0.00265142	0.000913918	4.06662	4.06662	0.402846	0.784827	-1.27417	0.00656905	0.368227	-2.71571	0.00833191	0.385075	-2.59689	0.0911352	0.59059	-1.69322
cg01281718	SMAP1;SMAP1	0.00404163	0.00502064	0.601993	-1.66115	0.852163	0.974815	-1.02584	0.00498816	0.601628	-1.66216	0.00952307	0.638245	-1.5668	0.88952	1.01919	1.01919
cg18051552	SMAP1;SMAP1	0.0157636	0.0410631	0.297538	-3.36092	0.0051893	0.149998	-6.66675	0.148666	0.450879	-2.21789	0.939524	0.961733	-1.03979	0.00260081	0.117036	-8.54435
cg22716127	SMAP1;SMAP1	0.0193876	0.0699287	0.773537	-1.29276	0.124417	1.23467	1.23467	0.0276963	1.39068	1.39068	0.152208	0.823374	-1.21451	0.985879	1.00225	1.00225
cg00255719	SMAP1;SMAP1	0.0241954	0.0491228	1.60214	1.60214	0.0271101	1.73151	1.73151	0.00342596	2.3035	2.3035	0.218347	0.762076	-1.31221	0.174426	1.35413	1.35413
cg03059183	SMAP1;SMAP1	0.029609	0.0224307	0.498024	-2.00793	0.366603	0.789456	-1.2667	0.130839	0.659803	-1.5156	0.282486	0.752276	-1.3293	0.00197864	0.328281	-3.04617
cg17052816	SMAP1;SMAP1	0.0359734	0.612138	0.924046	-1.0822	0.241766	1.2084	1.2084	0.948641	1.01	1.01	0.56885	0.914878	-1.09304	0.551889	0.911205	-1.09745
cg21039196	SMAP1;SMAP1	0.0366629	0.0108172	0.152619	-6.55227	0.0200344	0.192432	-5.19665	0.0571216	0.282522	-3.53955	0.475442	0.652994	-1.53141	0.0118017	0.157768	-6.33842
cg06470943	SMAP2	0.00344409	0.11717	0.653899	-1.52929	0.00135144	0.312921	-3.1957	0.0103393	0.446501	-2.23964	0.166331	0.691855	-1.44539	0.00783966	0.426688	-2.34363
cg10700435	SMAP2	0.0289872	0.0102432	0.0958467	-10.4333	0.0132159	0.108021	-9.25742	0.150837	0.327737	-3.05123	0.216394	0.38964	-2.56647	0.0450243	0.188892	-5.29403
cg24447042	SMARCA1;SMARCA1	0.00708018	0.405231	0.652255	-1.53314	0.876642	1.08107	1.08107	0.997288	1.00171	1.00171	0.398715	1.54274	1.54274	0.0407062	3.27277	3.27277
cg17420696	SMARCA1;SMARCA1	0.0117431	0.141553	0.544938	-1.83507	0.891592	0.948978	-1.05377	0.541672	1.26777	1.26777	0.000552882	7.83804	7.83804	0.697357	0.860633	-1.16194
cg02779729	SMARCA1;SMARCA1	0.0192336	0.092448	0.393106	-2.54385	0.0901299	0.389955	-2.5644	0.806332	0.883517	-1.13184	0.0891606	0.388622	-2.5732	0.00357779	0.136762	-7.31196
cg14269010	SMARCA2;SMARCA2	0.0020929	0.0378381	0.622912	-1.60536	0.00129956	2.51119	2.51119	0.0154937	1.79263	1.79263	0.750722	0.939275	-1.06465	0.00653625	0.499313	-2.00275
cg13780542	SMARCA2;SMARCA2	0.0164261	0.0441188	1.63812	1.63812	0.0623188	1.56481	1.56481	0.0570081	1.58341	1.58341	0.148683	1.39173	1.39173	0.151521	1.3881	1.3881
cg01980495	SMARCA2;SMARCA2	0.0213806	0.0884175	2.18391	2.18391	0.00301445	5.41827	5.41827	0.0047384	4.75315	4.75315	0.164891	1.85083	1.85083	0.0213154	3.15766	3.15766
cg14290704	SMARCA2;SMARCA2	0.0255404	0.0739404	0.635171	-1.57438	0.887573	1.03276	1.03276	0.0059487	2.26961	2.26961	0.708457	1.08937	1.08937	0.210744	1.35053	1.35053
cg14002772	SMARCA2;SMARCA2	0.0276204	0.0320525	5.107	5.107	0.0119457	7.66362	7.66362	0.0627802	3.89352	3.89352	0.0688661	3.75061	3.75061	0.0522824	4.19184	4.19184
cg12411068	SMARCA4;SMARCA4;SMARCA4	0.0037708	0.554985	0.941089	-1.0626	0.239163	1.13355	1.13355	0.403048	1.09092	1.09092	0.0417018	0.787618	-1.26965	0.533469	1.06624	1.06624
cg18522266	SMARCA4;SMARCA4;SMARCA4	0.00500508	0.210248	0.57411	-1.74183	0.116293	0.486348	-2.05614	0.123594	0.494573	-2.02195	?	?	?	0.000215464	0.0603269	-16.5764
cg22898082	SMARCA4;SMARCA4;SMARCA4	0.0123439	0.0900135	0.527321	-1.89638	0.0324349	2.3575	2.3575	0.00995802	3.04876	3.04876	0.0100196	3.04456	3.04456	0.109281	0.549891	-1.81854
cg05231098	SMARCA4;SMARCA4;SMARCA4	0.0431765	0.464491	0.867973	-1.15211	0.0181938	0.579647	-1.72519	0.0344159	0.625478	-1.59878	0.551088	0.891625	-1.12155	0.0267339	0.606999	-1.64745
cg23892580	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0492739	0.0908893	0.343799	-2.90868	0.328125	1.78362	1.78362	0.953546	0.967155	-1.03396	0.426332	1.59304	1.59304	0.655868	1.2932	1.2932
cg13656738	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	1.61E-05	3.86E-06	0.233373	-4.28499	0.664205	0.94267	-1.06082	5.23E-06	0.24725	-4.04449	0.538366	1.08785	1.08785	0.00170227	0.545676	-1.83259
cg14048463	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.00122954	0.067371	1.39959	1.39959	2.85E-05	3.85257	3.85257	0.00479625	1.84763	1.84763	0.485835	1.12316	1.12316	0.223667	0.810845	-1.23328
cg08648566	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0014091	0.561882	0.874468	-1.14355	0.0451139	1.69182	1.69182	0.0777232	0.638639	-1.56583	0.333661	0.796066	-1.25618	0.000680602	0.305006	-3.27862
cg13724285	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.00220668	0.964619	1.00832	1.00832	0.537401	0.889927	-1.12369	0.706337	1.07324	1.07324	0.309539	0.821706	-1.21698	0.000483234	0.35987	-2.77878

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04804052	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.00474475	0.195958	0.669584	-1.49346	0.419195	1.27392	1.27392	0.0417845	0.50245	-1.99025	0.00161421	0.265531	-3.76604	0.34685	0.752672	-1.3286	0.00550571	0.342903	-2.91627	0.000921362	0.234108	-4.27153	0.375074	1.30607	1.30607	0.0156779	0.419465	-2.38399	7.45674	10.16	1.21114	1
cg23667572	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.00501796	0.510807	1.32814	1.32814	0.00263148	0.170101	-5.87886	0.868167	0.93176	-1.07324	0.684936	0.840675	-1.18952	0.499464	0.747017	-1.33866	0.130519	0.499194	-2.00323	0.000135991	0.0602333	-16.6021	0.234982	0.58884	-1.69826	0.0650461	0.414214	-2.41421	7.33057	21.0158	2.54833	1
cg04334773	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.00757564	0.571135	1.15102	1.15102	0.0909868	1.58015	1.58015	0.837637	1.05171	1.05171	0.110396	1.53346	1.53346	0.000501032	0.262494	-3.80961	0.226242	0.7318	-1.36649	0.00717508	0.426142	-2.34663	0.493705	0.842988	-1.18626	0.189321	0.710571	-1.40732	6.45368	6.17233	0.850137	1
cg19757539	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0103816	0.694061	1.0971	1.0971	0.0120102	0.479754	-2.0844	0.0454147	0.583944	-1.71249	0.425289	0.826247	-1.21029	0.158452	0.702287	-1.42392	0.415448	1.21546	1.21546	0.907289	0.973059	-1.02769	0.00233042	0.369162	-2.70883	0.00154467	0.343857	-2.90819	5.84014	5.08298	0.773646	1
cg22242279	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0107743	0.157042	0.735786	-1.35909	0.134677	1.38676	1.38676	0.0194886	1.77262	1.77262	0.220556	0.770199	-1.29837	0.282902	0.797559	-1.25383	0.00308601	0.43997	-2.27288	0.763785	0.940729	-1.06301	0.600541	0.898426	-1.11306	0.00385918	0.454186	-2.20174	5.77091	3.75646	0.578605	1
cg18685158	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0176213	0.0435594	0.487351	-2.05191	0.00976366	2.7514	2.7514	0.294928	0.714317	-1.39994	0.27387	1.42284	1.42284	0.0265537	0.442954	-2.25757	0.0552172	1.96042	1.96042	0.295767	0.714765	-1.39906	0.0372325	2.11484	2.11484	0.469172	1.2562	1.2562	4.91007	7.45983	1.35048	1
cg08151828	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0222603	0.429729	1.16802	1.16802	0.0179675	0.574645	-1.7402	0.00735319	0.513929	-1.9458	0.0680012	1.48264	1.48264	0.735271	1.06758	1.06758	0.94167	1.0142	1.0142	0.0387217	1.58605	1.58605	0.135013	1.36404	1.36404	0.324264	0.821889	-1.21671	4.53559	2.66691	0.522664	1
cg11674356	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.030468	0.99216	1.00312	1.00312	0.877887	0.952456	-1.04992	0.0507833	0.494093	-2.02391	0.220242	1.50432	1.50432	0.0591705	0.509181	-1.96394	0.313571	0.718776	-1.39125	0.00104313	0.214898	-4.65338	0.897304	0.959916	-1.04176	0.387904	0.755508	-1.32361	4.06441	6.46082	1.41299	1
cg23963476	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0380684	0.0630541	0.438895	-2.27845	0.0363602	0.381609	-2.62048	0.024343	0.344047	-2.90658	0.121626	0.5184	-1.92901	0.00954875	0.267555	-3.73755	0.0447356	0.402335	-2.48549	0.00603309	0.234914	-4.25688	0.102951	0.496852	-2.01267	0.0550405	0.424061	-2.35815	4.10198	9.50731	1.80268	1
cg06751603	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0420205	0.607108	0.909283	-1.09977	0.791043	0.952478	-1.04989	0.656604	0.92123	-1.08551	0.0170306	1.70474	1.70474	0.0750456	1.43833	1.43833	0.262895	1.23864	1.23864	0.00293054	2.11548	2.11548	0.561445	0.897938	-1.11366	0.974018	0.994046	-1.00599	3.61667	1.9256	0.473266	1
cg25243385	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0494502	0.772623	0.916762	-1.0908	0.310344	0.729867	-1.37011	0.457271	1.25493	1.25493	0.384288	0.765217	-1.30682	0.00163009	0.258216	-3.87273	0.116687	0.599704	-1.66749	0.0316515	0.469664	-2.12918	0.870724	0.952318	-1.05007	0.469043	0.801738	-1.24729	3.40239	4.84891	1.2668	1
cg02782292	SMARCA5	2.15E-05	1.52E-06	0.145662	-6.8652	0.00209463	0.503781	-1.98499	0.00628611	0.56903	-1.75738	0.00134841	0.478289	-2.09079	1.79E-05	0.249435	-4.00906	0.000212635	0.375254	-2.66486	1.56E-05	0.243211	-4.11166	0.390362	0.869869	-1.1496	0.0344675	0.676623	-1.47793	33.2283	13.2034	0.353203	1
cg08619385	SMARCA5	0.000969127	0.00416015	0.385788	-2.5921	0.496097	0.842506	-1.18693	0.292357	0.762691	-1.31115	0.100179	0.639763	-1.56308	0.0184999	0.492436	-2.03072	0.000988017	0.297009	-3.3669	3.70E-05	0.139814	-7.15234	0.416058	1.22891	1.22891	0.00805449	0.430971	-2.32034	11.8716	11.5616	0.865682	1
cg19993723	SMARCA5	0.00346177	0.889561	1.01197	1.01197	0.00253079	1.43176	1.43176	0.610815	0.957004	-1.04493	0.000434457	1.61011	1.61011	0.0199484	1.27192	1.27192	0.0171663	0.779829	-1.28233	0.441192	0.93496	-1.06956	0.218634	1.11716	1.11716	0.187607	1.12702	1.12702	8.20071	0.952309	0.103222	1
cg20045045	SMARCA5	0.0422879	0.415581	0.828841	-1.2065	0.623081	0.89426	-1.11824	0.125551	0.687971	-1.45355	0.264997	1.29963	1.29963	0.0721727	0.635884	-1.57261	0.761905	0.933742	-1.07096	0.00265593	0.391496	-2.55431	0.134188	1.43963	1.43963	0.518991	1.15892	1.15892	3.60817	2.90848	0.716517	1
cg17496447	SMARCA5	0.0429769	0.543141	1.24817	1.24817	0.0168641	2.8578	2.8578	0.00578572	3.67725	3.67725	0.723253	0.879803	-1.13662	0.757812	1.11784	1.11784	0.70841	0.873445	-1.14489	0.0611458	0.467685	-2.13819	0.118958	1.8395	1.8395	0.688093	1.15644	1.15644	3.58657	7.36835	1.82616	1
cg23197460	SMARCA5	0.0451961	0.152448	0.782122	-1.27857	0.311238	1.18291	1.18291	0.00504593	1.81225	1.81225	0.117303	1.31358	1.31358	0.810798	0.962278	-1.0392	0.993087	0.998612	-1.00139	0.607695	0.920332	-1.08656	0.279747	1.19741	1.19741	0.0151777	1.6132	1.6132	3.51979	1.433	0.361891	1
cg16091845	SMARCA5;SMARCA5	0.0198525	0.0512125	0.739086	-1.35302	0.0893258	0.774827	-1.29061	0.109013	1.26872	1.26872	0.562364	1.08303	1.08303	0.177419	0.822668	-1.21556	0.0319024	0.710057	-1.40834	0.352257	0.877782	-1.13923	0.00384182	1.69991	1.69991	0.736037	0.95497	-1.04715	4.71641	1.38522	0.261069	1
cg05358385	SMARCA5;SMARCA5	0.0499385	0.487785	0.887998	-1.12613	0.104278	1.34885	1.34885	0.321332	1.18846	1.18846	0.570582	1.10141	1.10141	0.712569	1.06434	1.06434	0.556019	0.904523	-1.10556	0.0113767	0.586324	-1.70554	0.0145968	0.602407	-1.66001	0.237038	1.23214	1.23214	3.38972	1.52445	0.399759	1
cg08962709	SMARCAD1;SMARCAD1;SMARCAD1	0.000105694	1.93E-05	0.438655	-2.2797	0.000240266	0.561432	-1.78116	0.882403	0.98604	-1.01416	7.97E-05	0.508202	-1.96772	0.950242	0.99409	-1.00594	0.93962	1.00722	1.00722	0.101637	0.843486	-1.18556	0.0155561	1.32551	1.32551	0.0158875	1.32382	1.32382	21.8149	3.11677	0.126999	1
cg15270772	SMARCAD1;SMARCAD1;SMARCAD1	0.016821	0.220695	0.735457	-1.3597	0.305391	1.28824	1.28824	0.614717	1.12876	1.12876	0.705751	0.913453	-1.09475	0.47695	0.841491	-1.18837	0.578849	0.874757	-1.14317	0.00634117	0.428231	-2.33519	0.000652482	0.28733	-3.48032	0.732514	0.921388	-1.08532	4.9871	4.49839	0.801784	1
cg11021082	SMARCAD1;SMARCAD1;SMARCAD1	0.0306348	0.0251868	0.235264	-4.25054	0.0623456	0.319707	-3.12786	0.0254707	0.236165	-4.23433	0.747107	1.19227	1.19227	0.01966	0.21614	-4.62664	0.34322	0.588165	-1.7002	0.00471175	0.129878	-7.69956	0.246129	0.517217	-1.93343	0.0290416	0.246944	-4.0495	4.05652	18.9814	4.15931	1
cg06659009	SMARCAD1;SMARCAD1;SMARCAD1;SMARCAD1;SMARCAD1	0.000867508	0.13978	0.748327	-1.33631	0.78172	0.950582	-1.05199	0.551493	0.895893	-1.1162	0.394047	0.852747	-1.17268	0.00440668	0.499777	-2.00089	0.00675849	0.526956	-1.89769	1.30E-05	0.188313	-5.31031	0.530451	1.12294	1.12294	0.499455	0.882418	-1.13325	12.2492	6.45896	0.468707	1
cg01684429	SMARCAL1	0.00125517	0.387168	1.1521	1.1521	0.00301187	0.522223	-1.91489	0.000608186	0.430041	-2.32536	0.000131609	0.346529	-2.88576	0.187473	0.800003	-1.24999	0.0393641	0.683356	-1.46337	0.0786764	1.36608	1.36608	0.405308	0.872842	-1.14568	0.0603775	0.712982	-1.40256	11.0293	4.45685	0.359194	1
cg12591323	SMARCAL1;SMARCAL1	0.00011174	0.475214	0.902936	-1.1075	0.831862	1.03035	1.03035	0.0658457	0.748089	-1.33674	0.695203	0.946135	-1.05693	9.20E-06	0.259678	-3.85092	4.03E-05	0.332027	-3.01181	0.000780642	0.489411	-2.04327	0.0308276	1.42844	1.42844	0.00834316	0.622485	-1.60646	21.4922	6.73068	0.278372	1
cg20337057	SMARCAL1;SMARCAL1	0.000744647	1.35E-05	0.291396	-3.43176	0.398493	0.889502	-1.12422	0.571267	1.08059	1.08059	0.774928	0.961911	-1.0396	0.00790177	0.630335	-1.58646	0.0413803	0.727114	-1.3753	0.00816295	0.632175	-1.58184	0.885687	0.980703	-1.01968	0.00592485	0.614117	-1.62835	12.7872	3.71598	0.258311	1
cg02569138	SMARCAL1;SMARCAL1	0.00113177	0.0199743	0.220665	-4.53176	6.76E-05	0.0197408	-50.6564	0.00217921	0.0988955	-10.1117	0.804904	0.875313	-1.14245	0.00275216	0.10827	-9.23617	0.464823	0.670116	-1.49228	0.0840117	0.357435	-2.79771	0.000880469	0.0683541	-14.6297	0.84181	0.898051	-1.11352	11.3598	52.0969	4.07651	1
cg26767960	SMARCAL1;SMARCAL1	0.00164623	0.00588022	0.198338	-5.04191	0.000754802	0.100989	-9.90202	0.0251509	0.302629	-3.30438	0.563765	0.769566	-1.29943	0.00428193	0.179973	-5.5564	0.144728	2.01987	2.01987	0.00704562	0.209437	-4.77471	0.000447434	0.0832942	-12.0056	0.676223	1.20744	1.20744	10.2022	32.5481	2.83584	1
cg10987071	SMARCAL1;SMARCAL1	0.00205735	0.0177763	0.261422	-3.82523	0.000242495	0.0592819	-16.8686	0.00547911	0.182642	-5.47518	0.961852	0.977981	-1.02251	0.00487819	0.176038	-5.68059	0.102962	0.435859	-2.29432	0.00168913	0.123835	-8.07528	0.00159934	0.121509	-8.22985	0.137534	0.474968	-2.10541	9.56276	32.8204	3.05076	1
cg06847283	SMARCAL1;SMARCAL1	0.00841816	0.000461747	0.305815	-3.26995	0.197293	1.34045	1.34045	0.24142	1.30163	1.30163	0.589639	1.12419	1.12419	0.0143353	0.522532	-1.91376	0.261227	0.777334	-1.28645	0.768193	1.0656	1.0656	0.323306	1.24522	1.24522	0.135079	1.41384	1.41384	6.24307	4.56962	0.650624	1
cg09170686	SMARCAL1;SMARCAL1	0.00990685	0.0849097	0.662474	-1.50949	0.241283	0.76712	-1.30358	0.0071422	0.471955	-2.11884	0.56325	0.881347	-1.13463	0.00353042	0.425349	-2.35101	0.108177	0.684684	-1.46053	0.00179347	0.382821	-2.61218	0.974096	0.993007	-1.00704	0.00497334	0.4477	-2.23364	5.92833	4.38591	0.657619	1
cg15830940	SMARCAL1;SMARCAL1	0.0100322	0.0181931	0.253313	-3.94769	0.0424757	0.326654	-3.06134	0.091168	0.410239	-2.4376	0.818949	0.896015	-1.11605	0.0163307	0.24512	-4.07963	0.107083	0.430672	-2.32195	0.00173197	0.117664	-8.49877	0.0018011	0.11931	-8.38154	0.0238821	0.275023	-3.63606	5.90454	21.4465	3.22862	1
cg18133209	SMARCAL1;SMARCAL1	0.0167481	0.000467684	0.229284	-4.36139	0.282785	1.34829	1.34829	0.358431	1.2877	1.2877	0.100016	0.617197	-1.62023	0.302045	1.33148	1.33148	0.0903597	0.606722	-1.6482	0.662816	0.889162	-1.12465	0.997708	1.00077	1.00077	0.786589	0.929914	-1.07537	4.99434	5.67103	1.00933	1
cg01912455	SMARCB1;SMARCB1	0.0134671	0.18655	1.38295	1.38295	0.00149744	2.8859	2.8859	0.0660098	1.61212	1.61212	0.0750891	1.58241	1.58241	0.851559	0.957551	-1.04433	0.0125981	2.05101	2.05101	0.0158372	1.98248	1.98248	0.131096	0.685603	-1.45857	0.999594	0.999882	-1.00012	5.3678	4.55803	0.754793	1
cg16667480	SMARCC1	0.000244801	0.00299063	1.35577	1.35577	0.000217014	0.630567	-1.58587	6.93E-05	0.580851	-1.72161	0.126171	0.883665	-1.13165	0.000527776	0.667914	-1.4972	0.00360372	0.744863	-1.34253	0.150951	0.891329	-1.12192	0.0810219	0.865371	-1.15557	0.00558699	0.761851	-1.31259	17.3892	1.53861	0.0786494	1
cg15006455	SMARCC1	0.00358806	0.0720398	0.573342	-1.74416	0.00460074	0.351741	-2.843	0.000382859	0.207891	-4.81022	0.231734	0.706464	-1.4155	0.000532373	0.224493	-4.45448	0.0373933	0.512125	-1.95265	0.124384	0.630697	-1.58555	0.860784	1.04983	1.04983	0.582673	0.857496	-1.16619	8.11321	9.86173	1.08046	1
cg16357457	SMARCC1	0.00842952	0.0678611	0.458244	-2.18224	0.601527	0.817884	-1.22267	0.452832	1.33884	1.33884	0.204316	0.599833	-1.66713	0.000109233	0.0742662	-13.4651	0.270905	0.64574	-1.54861	0.782172	0.899647	-1.11155	0.165296	0.568541	-1.75889	0.890752	0.948915	-1.05384	6.24041	14.3886	2.04952	1
cg09353758	SMARCC1	0.00919981	0.00372689	0.281058	-3.55799	0.924208	1.03131	1.03131	0.329174	1.3858	1.3858	0.381474	1.33753	1.33753	0.46012	0.783757	-1.27591	0.583802	0.835898	-1.19632	0.00200067	0.243344	-4.10941	0.0108665	2.81829	2.81829	0.693033	0.879377	-1.13717	6.0699	10.0912	1.47778	1
cg20685352	SMARCC1	0.00954609	0.174194	1.2108	1.2108	0.138296	1.23511	1.23511	0.113123	1.25629	1.25629	0.980067	1.00331	1.00331	0.0218169	0.694737	-1.43939	0.00424458	1.65934	1.65934	0.0151643	0.673844	-1.48402	0.733609	1.04624	1.04624	0.0273143	0.707829	-1.41277	5.99893	1.66359	0.246502	1
cg02564102	SMARCC1	0.0101612	0.837545	0.975797	-1.0248	0.0976386	1.2422	1.2422	0.0199366	1.39831	1.39831	0.490929	1.08708	1.08708	0.795446	1.03149	1.03149	0.523675	0.925776	-1.08018	0.00226103	0.60055	-1.66514	0.0124456	1.44941	1.44941	0.0282166	1.36235	1.36235	5.88045	1.32634	0.200489	1
cg02981368	SMARCC1	0.0146626	0.00214794	0.174575	-5.72821	0.0715097	0.442645	-2.25915	0.597032	0.805692	-1.24117	0.793867	0.899388	-1.11187	0.0605699	0.424498	-2.35572	0.983284	0.991552	-1.00852	0.00335777	0.198708	-5.0325	0.0149006	0.29742	-3.36225	0.0236155	0.334728	-2.9875	5.21978	13.5566	2.30858	1
cg16250355	SMARCC1	0.01745	0.139847	0.760285	-1.3153	0.0065354	1.8397	1.8397	0.0463795	1.48238	1.48238	0.25699	0.81538	-1.22642	0.809687	0.95923	-1.0425	0.0107706	0.575383	-1.73797	0.0984679	0.731526	-1.367	0.252985	1.22873	1.22873	0.372339	1.17118	1.17118	4.9262	2.32214	0.41901	1
cg11371851	SMARCC1	0.0384771	0.697735	1.03285	1.03285	0.0757081	0.848973	-1.17789	0.7116	0.969714	-1.03123	0.31748	1.08935	1.08935	0.103395	1.15896	1.15896	0.0761301	1.17756	1.17756	0.00635851	0.745156	-1.342	0.20633	1.11672	1.11672	0.211877	0.896808	-1.11507	3.73603	0.405839	0.0965585	1
cg05592996	SMARCC1	0.0473777	0.212582	0.672001	-1.48809	0.042019	2.0328	2.0328	0.188883	1.52418	1.52418	0.012312	0.389155	-2.56967	0.252238	0.696202	-1.43636	0.311321	1.3732	1.3732	0.765673	1.09472	1.09472	0.60647	1.17037	1.17037	0.0532933	1.94395	1.94395	3.45796	5.02051	1.29055	1
cg00750314	SMARCC1;SMARCC1	0.00118395	0.225503	1.41404	1.41404	0.303927	1.33616	1.33616	0.0670599	0.57197	-1.74834	0.279682	0.736473	-1.35782	0.918934	0.972672	-1.0281	1.73E-05	0.090998	-10.9893	0.102763	1.62559	1.62559	0.934736	1.02254	1.02254	0.618443	0.872264	-1.14644	11.2148	13.1579	1.0429	1
cg05529036	SMARCC2;SMARCC2;SMARCC2	0.00109761	0.842355	0.969293	-1.03168	0.000743533	0.448436	-2.22997	0.000153215	0.361818	-2.76382	0.273068	1.19561	1.19561	0.187185	0.803356	-1.24478	0.0144954	0.623896	-1.60283	0.0443051	1.43595	1.43595	0.0446642	1.43482	1.43482	0.0558329	0.712245	-1.40401	11.4594	4.4522	0.345352	1
cg10779674	SMARCC2;SMARCC2;SMARCC2	0.00326637	0.556172	0.876078	-1.14145	0.527471	1.15291	1.15291	0.00959548	0.482482	-2.07261	0.509919	0.861945	-1.16017	0.000817962	0.325912	-3.06831	0.261265	0.770751	-1.29744	0.000355165	0.279577	-3.57683	0.0968285	1.49945	1.49945	0.277745	0.778125	-1.28514	8.34424	6.52806	0.695417	1
cg03308445	SMARCC2;SMARCC2;SMARCC2	0.00749262	0.71344	1.17141	1.17141	0.153524	0.519191	-1.92607	0.422268	0.703553	-1.42136	0.869145	1.07328	1.07328	0.00167295	0.145475	-6.87402	0.00039788	0.0891068	-11.2225	0.0235288	0.313406	-3.19075	0.25348	0.599567	-1.66787	0.203552	0.562337	-1.77829	6.476	18.8707	2.59017	1
cg20405918	SMARCD1;SMARCD1	0.000674833	0.679829	1.0479	1.0479	0.712574	0.959142	-1.0426	0.115601	0.824613	-1.21269	0.038246	0.762809	-1.31094	0.0141453	0.710808	-1.40685	0.758898	0.965887	-1.03532	3.78E-05	0.409966	-2.43923	0.00976062	1.44547	1.44547	0.00645873	1.49072	1.49072	13.145	2.64614	0.178936	1
cg02399464	SMARCD1;SMARCD1	0.00598818	0.352946	1.48239	1.48239	0.000693759	8.43033	8.43033	0.00568932	4.45373	4.45373	0.274707	1.5969	1.5969	0.189014	0.563771	-1.77377	0.875069	0.937254	-1.06695	0.437475	0.721651	-1.38571	0.00352735	5.09998	5.09998	0.56186	0.785401	-1.27323	6.94339	18.6533	2.38799	1
cg02553054	SMARCD1;SMARCD1	0.042646	0.0158526	0.181928	-5.49667	0.474095	0.657141	-1.52174	0.243168	0.494439	-2.02249	0.155781	0.416512	-2.40089	0.235969	0.48859	-2.0467	0.167535	0.428086	-2.33598	0.00173849	0.0761202	-13.1371	0.0499985	0.275543	-3.62919	0.137913	0.397988	-2.51264	3.59689	18.9473	4.68239	1
cg19016967	SMARCD2;SMARCD2	7.90E-05	0.0157196	0.619519	-1.61416	0.000103053	0.329089	-3.03869	0.0627582	0.712715	-1.40308	0.0261232	0.652529	-1.5325	7.81E-06	0.204883	-4.88083	4.84E-05	0.290402	-3.4435	0.0490063	0.695219	-1.4384	0.0623061	1.40411	1.40411	0.000896135	0.447435	-2.23496	23.5781	9.76941	0.368305	1
cg19143629	SMARCD2;SMARCD2	0.000547296	0.00531056	1.3437	1.3437	0.00183362	1.42754	1.42754	3.65E-05	1.89498	1.89498	0.0739218	1.17373	1.17373	0.0691941	1.17762	1.17762	0.810655	1.01949	1.01949	0.00254178	0.714038	-1.40048	0.13962	1.13637	1.13637	0.364004	1.0779	1.0779	13.9362	1.42742	0.0910447	1
cg12577610	SMARCD2;SMARCD2	0.00958194	0.125581	0.770894	-1.2972	0.786124	1.04362	1.04362	0.0658095	0.723225	-1.3827	0.0510945	0.705586	-1.41726	0.00726682	0.580697	-1.72207	0.00080867	0.452381	-2.21053	0.00687178	0.577309	-1.73218	0.0181771	0.637522	-1.56857	0.088058	0.744178	-1.34376	5.99177	2.33819	0.346874	1
cg02360836	SMARCD2;SMARCD2;SMARCD2;SMARCD2	0.00252415	0.987506	0.997098	-1.00291	0.340421	0.833302	-1.20004	0.871953	1.03039	1.03039	0.124342	0.734282	-1.36187	0.0466299	0.655146	-1.52638	0.575245	0.900251	-1.1108	2.51E-05	0.211448	-4.7293	0.0937025	0.710245	-1.40796	0.291996	0.81633	-1.22499	9.00652	4.91433	0.485015	1
cg14795305	SMARCD3;SMARCD3	5.63E-05	0.00141891	0.42349	-2.36133	0.0259084	0.611365	-1.63569	4.63E-06	0.141528	-7.06572	0.10729	0.721023	-1.38692	0.966006	0.992102	-1.00796	0.0456628	0.652881	-1.53167	7.80E-06	0.161403	-6.19567	0.518387	1.12956	1.12956	0.212652	1.27665	1.27665	25.7996	14.1468	0.487409	1
cg08445694	SMARCD3;SMARCD3	0.00299335	0.736529	0.942853	-1.06061	0.0982651	0.729059	-1.37163	0.000992547	0.426352	-2.34548	0.511011	1.12319	1.12319	0.00689447	0.543617	-1.83953	0.0478182	0.674145	-1.48336	0.000261952	0.351454	-2.84532	0.631188	1.08794	1.08794	0.0307395	0.64262	-1.55613	8.56379	4.11867	0.427502	1
cg19902439	SMARCD3;SMARCD3	0.00304297	0.0867384	0.812912	-1.23015	0.0158625	1.38193	1.38193	0.0279093	1.32902	1.32902	0.138232	1.19095	1.19095	0.161764	1.17772	1.17772	0.0719384	1.246	1.246	0.000296344	0.524626	-1.90612	0.256891	0.878483	-1.13833	0.272255	1.13328	1.13328	8.52208	1.61796	0.16876	1
cg10478867	SMARCD3;SMARCD3	0.0167926	0.340556	1.22667	1.22667	0.0679609	0.653612	-1.52996	0.0654833	0.650476	-1.53734	0.00892399	1.99773	1.99773	0.0960591	1.46256	1.46256	0.0948058	0.682559	-1.46508	0.029755	0.587381	-1.70247	0.041604	0.613441	-1.63015	0.671311	0.915038	-1.09285	4.98991	3.41958	0.609155	1
cg17690002	SMARCD3;SMARCD3	0.0253913	0.327912	0.795591	-1.25693	0.309616	0.788138	-1.26881	0.00644702	0.448351	-2.2304	0.016885	1.93478	1.93478	0.0273317	0.553647	-1.80621	0.386454	0.817887	-1.22266	0.0849872	0.649678	-1.53922	0.27515	1.29315	1.29315	0.443394	0.83782	-1.19357	4.33374	3.51925	0.721829	1
cg19376090	SMARCD3;SMARCD3;SMARCD3	0.000605739	0.00867907	0.655229	-1.52618	0.303104	0.873877	-1.14433	0.00941572	0.659675	-1.5159	0.740048	1.04298	1.04298	0.00694645	0.643117	-1.55493	0.000859904	0.531247	-1.88236	0.000338528	0.481921	-2.07503	5.54E-05	0.387553	-2.58029	0.00714744	0.644665	-1.55119	13.5479	3.42741	0.224876	1
cg22640847	SMARCD3;SMARCD3;SMARCD3	0.00601256	0.000702318	0.600794	-1.66446	0.0951066	1.19826	1.19826	0.019795	1.31983	1.31983	0.343823	1.10095	1.10095	0.211756	1.13853	1.13853	0.934073	0.991874	-1.00819	0.4986	0.934495	-1.0701	0.0168175	0.749985	-1.33336	0.105527	1.19053	1.19053	6.93468	1.06821	0.136924	1
cg01825058	SMARCD3;SMARCD3;SMARCD3	0.0107141	0.481096	1.33567	1.33567	0.139321	0.525709	-1.90219	0.000558931	8.69853	8.69853	0.340158	0.672134	-1.4878	0.382169	0.696128	-1.43652	0.488555	1.32893	1.32893	0.0201608	0.322209	-3.10357	0.446635	1.36821	1.36821	0.184548	1.76615	1.76615	5.78131	14.9558	2.29949	1
cg05601974	SMARCD3;SMARCD3;SMARCD3	0.011824	0.0159016	0.452157	-2.21162	0.166789	1.48619	1.48619	0.178789	1.46805	1.46805	0.201396	1.43714	1.43714	0.0431683	0.535107	-1.86879	0.829244	1.05977	1.05977	0.0456609	1.85136	1.85136	0.00286298	0.331905	-3.01291	0.319915	0.758612	-1.3182	5.60026	6.4082	1.01713	1
cg06956613	SMARCD3;SMARCD3;SMARCD3	0.0164052	0.0681082	1.55873	1.55873	0.0793441	0.654971	-1.52679	0.0470579	1.63852	1.63852	0.0274689	1.76229	1.76229	0.00239638	0.398832	-2.50732	0.636624	0.901772	-1.10893	0.653345	1.10321	1.10321	0.982504	1.00478	1.00478	0.88102	0.967982	-1.03308	5.02894	3.75983	0.664568	1
cg19080839	SMARCD3;SMARCD3;SMARCD3	0.0170503	0.621859	1.12659	1.12659	0.0447899	0.575644	-1.73719	0.855412	0.957209	-1.0447	0.467879	0.837697	-1.19375	0.0990213	0.648157	-1.54284	0.00481939	0.407931	-2.45139	0.676824	0.904386	-1.10572	0.00365994	2.56581	2.56581	0.959755	1.01217	1.01217	4.96458	4.52001	0.809291	1
cg10030458	SMARCD3;SMARCD3;SMARCD3	0.0308547	0.0306943	0.278487	-3.59083	0.334837	0.605999	-1.65017	0.125277	0.433623	-2.30615	0.0585659	0.34092	-2.93324	0.00207207	0.112612	-8.88002	0.00833045	0.183018	-5.46394	0.491659	0.703464	-1.42154	0.806137	0.883535	-1.13182	0.151218	0.460922	-2.16957	4.0462	16.252	3.57032	1
cg07874329	SMARCD3;SMARCD3;SMARCD3	0.0436557	0.506979	0.827969	-1.20778	0.563189	1.17809	1.17809	0.0785456	1.72965	1.72965	0.15933	0.655908	-1.52461	0.0843384	0.585418	-1.70818	0.0500674	1.87106	1.87106	0.0123307	0.417362	-2.396	0.119972	0.62312	-1.60483	0.990123	1.00348	1.00348	3.5657	4.44051	1.10697	1
cg10664339	SMARCE1	0.00196858	0.26096	0.610114	-1.63904	0.00531083	0.212625	-4.70312	0.29598	0.633355	-1.57889	0.414366	0.703523	-1.42142	0.000427158	0.0953369	-10.4891	0.0186002	0.300435	-3.3285	0.000196301	0.0714556	-13.9947	0.749866	0.873885	-1.14432	0.00400788	0.195992	-5.10225	9.68647	27.2495	2.50058	1
cg21774457	SMARCE1	0.0069171	0.0723419	0.579414	-1.72588	0.157427	0.662704	-1.50897	0.143152	0.651673	-1.53451	0.499597	0.829855	-1.20503	0.00104884	0.26723	-3.7421	0.00866626	0.402285	-2.4858	0.00181432	0.299185	-3.34241	0.272728	1.36433	1.36433	0.0191286	0.462243	-2.16337	6.63973	7.78813	1.04263	1
cg11042515	SMARCE1	0.0148451	0.0196498	0.649382	-1.53993	0.364588	1.15339	1.15339	0.311513	1.17396	1.17396	0.00916025	0.602327	-1.66023	0.328141	1.1672	1.1672	0.00763105	1.69117	1.69117	0.260526	1.19693	1.19693	0.680953	1.06538	1.06538	0.063222	0.726126	-1.37717	5.1985	1.93181	0.330318	1
cg19712600	SMARCE1	0.0166663	0.0195488	0.235438	-4.2474	0.00848954	0.178713	-5.59555	0.00400538	0.137771	-7.25842	0.645575	0.788705	-1.2679	0.028412	0.265577	-3.76539	0.0248462	0.254387	-3.93101	0.0240526	0.251744	-3.97229	0.801227	0.878711	-1.13803	0.0168365	0.224277	-4.45878	5.00251	20.8141	3.69842	1
cg25543676	SMARCE1	0.0486161	0.107083	2.58437	2.58437	0.428529	1.5399	1.5399	0.0609559	0.317956	-3.14509	0.032607	3.91637	3.91637	0.161229	0.447167	-2.2363	0.830735	1.12076	1.12076	0.698687	1.23031	1.23031	0.11317	0.394513	-2.53477	0.0253806	0.233542	-4.28189	3.71903	16.3472	3.41877	1
cg22629722	SMC1A	0.03834	0.00667059	0.252889	-3.95431	0.959761	1.0199	1.0199	0.0144182	0.307939	-3.24739	0.319361	1.49473	1.49473	0.196925	1.70378	1.70378	0.424364	0.727112	-1.3753	0.0334691	0.378912	-2.63913	0.942879	1.02838	1.02838	0.307651	0.662013	-1.51054	3.74092	9.03909	2.1478	1
cg01404988	SMC1A;RIBC1;SMC1A;RIBC1	0.00369473	0.377916	1.25463	1.25463	0.0221254	0.502614	-1.9896	0.000155683	5.07187	5.07187	0.228982	0.728664	-1.37237	0.0168103	0.481172	-2.07826	0.366267	1.26205	1.26205	0.768804	1.07671	1.07671	0.926754	0.977209	-1.02332	0.928814	1.02266	1.02266	8.04224	8.00768	0.885069	1
cg07932983	SMC1B	0.0189002	0.29121	0.820035	-1.21946	0.0877213	0.710751	-1.40696	0.0042304	0.499719	-2.00112	0.0273977	0.623304	-1.60435	0.00235173	0.463533	-2.15735	0.300993	0.823542	-1.21427	0.0422843	0.654592	-1.52767	0.0436691	0.65697	-1.52214	0.022725	0.610198	-1.63881	4.79559	2.49247	0.461992	1
cg00610021	SMC1B;RIBC2	0.000506727	0.019213	2.41531	2.41531	0.325589	1.3716	1.3716	0.276434	1.42249	1.42249	0.0779613	1.83992	1.83992	0.0710413	0.533774	-1.87345	0.00923228	2.79734	2.79734	1.50E-05	16.3588	16.3588	0.00223481	3.79152	3.79152	0.00302664	3.54318	3.54318	14.2376	21.8517	1.36425	1
cg05742863	SMC1B;RIBC2	0.00634026	0.0450199	2.10386	2.10386	0.0142412	2.65816	2.65816	0.129849	1.69738	1.69738	0.363859	0.739535	-1.3522	0.990566	1.00383	1.00383	0.357152	1.35828	1.35828	0.000612641	5.50879	5.50879	0.00132368	4.52752	4.52752	0.160762	1.62324	1.62324	6.8218	11.2964	1.47193	1
cg01554064	SMC2;SMC2	0.0233669	0.772774	1.07333	1.07333	0.707774	0.912072	-1.0964	0.474388	0.837098	-1.1946	0.826223	1.05521	1.05521	0.00124211	0.315576	-3.16881	0.488789	1.18754	1.18754	0.048913	1.73259	1.73259	0.503869	1.18032	1.18032	0.0379899	0.555445	-1.80036	4.46044	4.2201	0.840993	1
cg14250997	SMC2;SMC2;SMC2;SMC2;SMC2	0.0267025	0.77329	1.1805	1.1805	0.00370767	16.3401	16.3401	0.00760371	10.5348	10.5348	?	?	?	0.414692	0.615627	-1.62436	0.221982	0.467265	-2.14011	0.865051	0.907004	-1.10253	0.505602	0.676316	-1.4786	0.564515	1.39993	1.39993	6.54929	27.8299	2.65581	1
cg24807448	SMC3	0.0294612	0.00523484	0.257881	-3.87775	0.599523	1.21525	1.21525	0.382217	0.719115	-1.3906	0.41914	0.738053	-1.35492	0.00430592	0.245489	-4.07351	0.357495	0.705969	-1.41649	0.199415	1.64684	1.64684	0.998396	1.00074	1.00074	0.249977	1.55636	1.55636	4.11319	8.81927	1.90591	1
cg22668533	SMC4;IFT80;SMC4	0.0413403	0.064964	0.756933	-1.32112	0.0622206	1.3259	1.3259	0.016345	1.48357	1.48357	0.136498	0.806083	-1.24057	0.43383	1.11329	1.11329	0.158661	1.22442	1.22442	0.241121	0.847983	-1.17927	0.280357	0.860027	-1.16275	0.134853	1.24187	1.24187	3.6386	1.04061	0.254214	1
cg13783238	SMC4;MIR15B;SMC4;MIR16-2	0.00169548	0.00209005	0.0734419	-13.6162	0.00207617	0.0732266	-13.6562	0.00621134	0.116315	-8.59738	0.00773815	0.127078	-7.86919	0.00153432	0.0639768	-15.6307	0.0145984	0.163047	-6.13321	0.000318549	0.0297507	-33.6127	0.0149268	0.164453	-6.08077	0.00633572	0.117253	-8.52857	10.1156	58.2624	5.11971	1
cg12785694	SMC4;MIR15B;SMC4;MIR16-2	0.0335253	0.0555848	0.165111	-6.05653	0.00732374	0.056662	-17.6485	0.00632737	0.0522446	-19.1407	0.142057	0.269668	-3.70827	0.0240472	0.107044	-9.34193	0.107338	0.232403	-4.30287	0.0259537	0.111384	-8.97797	0.105919	0.230782	-4.33309	0.114557	0.240512	-4.1578	3.92768	42.8827	9.70495	1
cg21710313	SMC4;SMC4	0.00278359	0.0568228	0.692278	-1.44451	0.934324	1.01416	1.01416	0.0136128	1.68332	1.68332	0.432113	0.872159	-1.14658	0.313143	0.836951	-1.19481	0.0305235	0.648116	-1.54293	0.001996	0.474971	-2.10539	0.000450835	0.389194	-2.56941	0.0121241	0.586548	-1.70489	8.75018	4.03378	0.409773	1
cg04212239	SMC4;SMC4	0.0211943	0.0072927	0.134752	-7.42106	0.0166505	0.183881	-5.4383	0.10327	0.356217	-2.80728	0.090969	0.340101	-2.9403	0.0126835	0.16622	-6.01613	0.187507	0.445257	-2.24589	0.00535516	0.119483	-8.36942	0.0385848	0.249604	-4.00634	0.0233504	0.20813	-4.80468	4.61249	24.5102	4.72343	1
cg09100593	SMC4;SMC4;MIR16-2	0.0040848	0.0239857	0.236088	-4.23571	0.00149982	0.0860343	-11.6233	0.00672291	0.151978	-6.5799	0.0869267	0.362976	-2.755	0.0452868	0.291975	-3.42496	0.0402457	0.280724	-3.56222	0.000333915	0.0449355	-22.2541	0.0133254	0.193275	-5.17398	0.0164069	0.207574	-4.81756	7.80297	35.5128	4.04551	1
cg21508214	SMC4;SMC4;SMC4;IFT80	0.0167336	0.00253631	0.584833	-1.70989	0.0260449	1.40236	1.40236	0.345203	1.13255	1.13255	0.96651	0.994639	-1.00539	0.271735	1.15775	1.15775	0.157119	1.21376	1.21376	0.0272616	0.7157	-1.39723	0.221347	0.848245	-1.1789	0.473772	1.09777	1.09777	4.99578	1.29695	0.230764	1
cg08788860	SMC5	0.000290448	0.326028	0.880033	-1.13632	0.00243067	0.587497	-1.70214	0.0425257	0.745022	-1.34224	0.110448	0.803149	-1.2451	0.255736	1.16128	1.16128	0.94304	0.991035	-1.00905	3.45E-06	0.252334	-3.96301	0.822787	0.972127	-1.02867	0.449892	0.907527	-1.1019	16.5964	4.17459	0.223587	1
cg14428530	SMC5	0.00440091	0.822524	0.933326	-1.07144	0.000129375	7.71253	7.71253	0.0143138	2.52851	2.52851	0.119725	0.595408	-1.67952	0.581871	0.842976	-1.18627	0.627047	1.16229	1.16229	0.839609	0.939655	-1.06422	0.105858	0.581278	-1.72035	0.666801	1.14229	1.14229	7.62906	11.3984	1.32807	1
cg21740204	SMC5	0.0146839	0.000237452	0.124852	-8.00948	0.107482	1.82274	1.82274	0.958088	0.982201	-1.01812	0.574784	0.823898	-1.21374	0.705814	0.878449	-1.13837	0.302289	0.694067	-1.44078	0.696945	1.1431	1.1431	0.859176	0.941114	-1.06257	0.745568	0.8947	-1.11769	5.21728	9.64993	1.6441	1
cg14477581	SMC5	0.0279457	0.0280522	0.338306	-2.95591	0.528423	0.765842	-1.30575	0.0879612	0.455416	-2.19579	0.0101077	0.257822	-3.87865	0.00407147	0.199771	-5.00574	0.0249397	0.328056	-3.04826	0.109926	0.482961	-2.07056	0.810094	1.10579	1.10579	0.0550717	0.403123	-2.48063	4.19065	11.5795	2.45617	1
cg24466479	SMC6;GEN1;GEN1;GEN1;SMC6	0.000471717	0.208915	1.33958	1.33958	0.881361	1.03351	1.03351	0.0300451	0.569363	-1.75635	0.440874	1.18943	1.18943	0.0490704	0.609029	-1.64196	7.02E-06	0.111435	-8.97383	0.105987	1.47653	1.47653	0.10339	0.674921	-1.48166	0.943782	1.01569	1.01569	14.5231	11.2053	0.685825	1
cg01336267	SMC6;GEN1;GEN1;GEN1;SMC6	0.0451066	0.797479	0.962798	-1.03864	0.652704	0.935397	-1.06906	0.938843	0.988751	-1.01138	0.310944	1.16714	1.16714	0.808164	1.03651	1.03651	0.0733387	0.744986	-1.34231	0.00116282	0.49502	-2.02012	0.85726	0.973806	-1.0269	0.508282	1.104	1.104	3.5224	1.21256	0.305994	1
cg16628215	SMCHD1	0.000524271	0.00204513	0.644382	-1.55187	0.0512594	1.25163	1.25163	0.0189846	0.750353	-1.33271	0.667341	1.04469	1.04469	0.814584	0.976525	-1.02404	0.0004394	0.570351	-1.75331	0.000452773	1.74884	1.74884	0.0144688	0.737343	-1.35622	0.0322623	1.28859	1.28859	14.1037	2.284	0.14395	1
cg00700039	SMCHD1	0.0105233	0.00839145	0.156851	-6.3755	0.355149	0.592571	-1.68756	0.0701409	0.328304	-3.04596	0.0429923	0.277711	-3.60087	0.0528706	0.298041	-3.35524	0.0378629	0.265907	-3.76072	0.000588579	0.0538717	-18.5626	0.163987	0.441737	-2.26379	0.00671291	0.144564	-6.91735	5.8148	27.8722	4.26073	1
cg14945086	SMCHD1	0.0118201	0.005878	0.0666572	-15.0021	0.0523049	0.190497	-5.24944	0.0518178	0.189667	-5.2724	0.288178	0.436741	-2.28969	0.00534592	0.0635158	-15.7441	0.219749	0.379286	-2.63653	0.00199799	0.037709	-26.5189	0.0160072	0.109122	-9.16404	0.0158521	0.108614	-9.20691	5.60086	50.0662	7.94579	1
cg16075769	SMCHD1	0.0145876	0.157404	0.838045	-1.19325	0.150723	1.19719	1.19719	0.537794	0.929687	-1.07563	0.61387	1.06126	1.06126	0.0430098	1.31274	1.31274	0.011849	0.692697	-1.44363	0.0026983	0.616041	-1.62327	0.0629073	0.783082	-1.27701	0.239898	0.866055	-1.15466	5.22862	1.13088	0.192255	1
cg25577866	SMCHD1	0.0423862	0.0835761	1.10417	1.10417	0.385516	0.955009	-1.04711	0.45907	1.03978	1.03978	0.610488	0.973768	-1.02694	0.321121	1.05447	1.05447	0.00740614	1.19544	1.19544	0.72711	0.982035	-1.01829	0.266881	0.941902	-1.06168	0.0202299	0.865117	-1.15591	3.60506	0.152873	0.0376935	1
cg20680872	SMCHD1;SMCHD1	0.00510596	0.476324	0.843803	-1.18511	0.0723244	0.624811	-1.60048	0.298154	0.776538	-1.28777	0.00128399	0.332645	-3.00621	0.113762	0.667967	-1.49708	0.0115107	0.476543	-2.09845	0.00617986	2.31045	2.31045	0.266646	1.31181	1.31181	?	?	?	7.44776	5.76613	0.774209	1
cg09552123	SMCP	1.08E-09	5.35E-10	0.0614177	-16.282	1.28E-09	0.0820537	-12.1871	1.45E-06	0.360758	-2.77194	1.02E-08	0.146066	-6.84624	0.000749801	1.53074	1.53074	8.10E-10	0.0707565	-14.133	0.0311374	0.810094	-1.23442	2.42E-09	0.09954	-10.0462	2.31E-07	0.274474	-3.64333	411.463	45.1719	0.0975854	1
cg21948655	SMCP	8.17E-07	6.48E-06	0.179246	-5.57894	3.77E-08	0.0351091	-28.4826	3.31E-05	0.25206	-3.96731	0.0217639	0.624321	-1.60174	0.0018897	0.470795	-2.12407	7.60E-07	0.102501	-9.75602	0.000107161	0.310722	-3.21831	1.05E-05	0.199694	-5.00766	1.03E-05	0.198672	-5.03342	77.2146	35.7823	0.411923	1
cg25978011	SMCP	1.35E-05	1.22E-05	0.27718	-3.60777	8.29E-07	0.160277	-6.23918	0.201614	0.829028	-1.20623	0.00180181	0.539421	-1.85384	0.000998914	0.506852	-1.97296	1.29E-05	0.279637	-3.57606	0.00656421	0.612066	-1.63381	0.000291219	0.439832	-2.2736	0.000326716	0.446022	-2.24204	37.5128	11.4869	0.272189	1
cg20951266	SMCP	0.000238832	6.78E-05	0.0740197	-13.5099	0.000117906	0.0900936	-11.0996	0.00646634	0.282434	-3.54064	0.000662323	0.155403	-6.43486	0.178697	0.600393	-1.66558	0.000927134	0.171026	-5.84708	0.0257441	0.388391	-2.57472	9.23E-05	0.082698	-12.0922	0.00803923	0.297445	-3.36197	17.5065	35.3544	1.79511	1
cg19755241	SMCP	0.000391793	0.00197068	0.376648	-2.655	2.42E-05	0.152852	-6.54228	0.00421666	0.425056	-2.35263	0.195553	0.73665	-1.3575	0.278536	1.28605	1.28605	0.0708754	1.56926	1.56926	0.674969	1.09874	1.09874	0.00103524	0.337909	-2.95938	0.0203459	0.535578	-1.86714	15.2873	12.0706	0.701849	1
cg09542291	SMCP	0.00071486	0.000383077	0.151209	-6.61337	0.00460498	0.284641	-3.51319	0.117238	0.567239	-1.76292	4.45E-05	0.0760123	-13.1558	0.103739	0.552759	-1.80911	0.0379835	0.448593	-2.22919	0.758025	1.10846	1.10846	0.00658932	0.308645	-3.23996	0.00156577	0.220027	-4.5449	12.9346	22.7448	1.56307	1
cg13575682	SMCP	0.00104098	0.00179623	0.401366	-2.49149	0.014243	0.537186	-1.86155	0.266993	0.788447	-1.26832	0.00167079	0.396958	-2.51916	0.00182288	2.48592	2.48592	0.00384723	0.449056	-2.2269	0.197897	0.755998	-1.32275	0.0014086	0.386646	-2.58634	0.633665	0.906031	-1.10372	11.6332	7.78334	0.594723	1
cg08293097	SMCR5;RAI1	3.83E-05	0.671856	0.942312	-1.06122	0.109183	1.27583	1.27583	6.52E-05	0.359748	-2.77973	0.081032	1.30966	1.30966	1.16E-06	0.17251	-5.79676	0.266007	0.850755	-1.17543	0.000520558	0.470198	-2.12677	0.252683	0.846524	-1.1813	0.651548	0.938569	-1.06545	28.5616	8.79708	0.273782	1
cg24696473	SMCR5;RAI1	0.0118772	0.115712	0.634735	-1.57546	0.731363	0.912458	-1.09594	0.118558	1.569	1.569	0.970473	1.00989	1.00989	0.000299438	0.209337	-4.77699	0.32993	1.30639	1.30639	0.545929	1.1764	1.1764	0.174294	0.681014	-1.4684	0.615311	1.14418	1.14418	5.59211	6.25888	0.994874	1
cg08593157	SMCR5;RAI1	0.0202228	0.158064	1.76021	1.76021	0.274341	1.53134	1.53134	0.0823669	2.05636	2.05636	0.0177846	2.94369	2.94369	0.0287852	2.62768	2.62768	0.00893245	3.47699	3.47699	0.0516222	2.29323	2.29323	0.00253754	4.80493	4.80493	0.01699	2.97589	2.97589	4.68688	10.4196	1.97613	1
cg04320152	SMCR7;SMCR7;SMCR7	0.00192175	5.74E-05	0.125418	-7.97333	0.385359	0.780702	-1.2809	0.00611701	0.369618	-2.7055	0.873876	1.04518	1.04518	0.458699	0.810677	-1.23354	0.0793466	0.581713	-1.71906	0.0315768	2.01622	2.01622	0.456515	1.23484	1.23484	0.121239	0.626645	-1.5958	9.75458	11.9545	1.08936	1
cg17154187	SMCR7;SMCR7;SMCR7	0.00248658	0.0179205	0.568698	-1.7584	0.487291	1.1485	1.1485	0.320558	1.22306	1.22306	0.169375	0.750352	-1.33271	3.92E-05	0.21347	-4.68451	0.187891	0.760504	-1.31492	0.269215	0.797924	-1.25325	0.658767	1.09111	1.09111	0.880127	1.03005	1.03005	9.04636	5.51451	0.541853	1
cg04986009	SMCR7;SMCR7;SMCR7	0.00413724	0.457975	0.911894	-1.09662	0.729914	1.0432	1.0432	0.00107265	0.554527	-1.80334	0.0377841	1.34177	1.34177	0.0908068	1.25528	1.25528	0.0753737	1.27328	1.27328	0.0419729	0.751249	-1.33112	0.540377	1.07857	1.07857	0.00294603	1.64584	1.64584	7.77298	1.83337	0.209658	1
cg11760857	SMCR7;SMCR7;SMCR7	0.0203668	0.468719	0.89933	-1.11194	0.0708908	1.33703	1.33703	0.0588585	1.35949	1.35949	0.265422	1.1818	1.1818	0.700929	1.05712	1.05712	0.217224	0.829561	-1.20546	0.00232282	0.542167	-1.84445	0.0464817	0.720208	-1.38849	0.412742	0.88645	-1.1281	4.67557	1.53404	0.291641	1
cg18131365	SMCR7;SMCR7;SMCR7	0.0261822	0.0579319	0.733582	-1.36317	0.059038	0.73483	-1.36086	0.0525019	0.727129	-1.37527	0.73139	0.951417	-1.05106	0.716518	0.948659	-1.05412	0.0248511	1.47106	1.47106	0.0464796	1.39039	1.39039	0.0300517	0.691565	-1.446	0.234357	0.835127	-1.19742	4.2876	1.41848	0.294073	1
cg03273420	SMCR7;SMCR7;SMCR7	0.0312461	0.0105679	0.226837	-4.40845	0.0050194	0.180462	-5.54132	0.192415	0.529196	-1.88966	0.18988	0.527045	-1.89737	0.0597727	0.375378	-2.66398	0.020019	0.273986	-3.64983	0.0207295	0.276783	-3.61293	0.0677052	0.389046	-2.57039	0.0771258	0.403906	-2.47582	4.02805	13.5739	2.99542	1
cg21955402	SMCR7;SMCR7;SMCR7	0.0419244	0.721096	1.04649	1.04649	0.779032	1.0363	1.0363	0.128268	0.811857	-1.23174	0.127525	1.23233	1.23233	0.13141	1.22932	1.22932	0.023383	0.709346	-1.40975	0.0152007	1.45937	1.45937	0.392037	0.894788	-1.11758	0.15875	0.82616	-1.21042	3.61974	0.921359	0.226255	1
cg21906911	SMCR7;SMCR7;SMCR7	0.0450285	0.0502784	0.280318	-3.56737	0.0203358	0.20312	-4.92319	0.607104	1.34393	1.34393	0.42378	0.627765	-1.59295	0.00569213	0.12659	-7.89952	0.262367	0.513745	-1.94649	0.471154	0.658518	-1.51856	0.0631929	0.303956	-3.28995	0.02405	0.215725	-4.63553	3.52469	18.1315	4.57257	1
cg03095825	SMCR7;SMCR7;SMCR7;SMCR7;SMCR7	0.00908949	0.563468	0.941	-1.0627	0.868866	0.982943	-1.01735	0.440951	1.08526	1.08526	0.133822	0.845053	-1.18336	0.36161	1.10257	1.10257	0.627269	1.05227	1.05227	0.00123048	0.611352	-1.63572	0.383346	1.09755	1.09755	0.00216888	1.56525	1.56525	6.09321	1.04621	0.152623	1
cg24734643	SMCR7L	0.00230454	0.00406137	1.36232	1.36232	0.00771611	0.760074	-1.31566	0.0638093	1.18175	1.18175	0.0467018	1.20026	1.20026	0.00253765	0.714772	-1.39905	0.0182126	0.794722	-1.2583	0.04845	0.834677	-1.19807	0.999183	0.999918	-1.00008	0.0339396	0.820007	-1.2195	9.25065	0.941208	0.0904401	1
cg14162959	SMCR7L	0.00434355	0.444585	1.15016	1.15016	0.0993496	1.38303	1.38303	0.000362012	2.79106	2.79106	0.00107278	2.38055	2.38055	0.457481	0.872995	-1.14548	0.0571925	1.47143	1.47143	0.479191	1.13784	1.13784	0.00591157	1.90868	1.90868	0.0857219	1.40626	1.40626	7.65943	3.90908	0.453655	1
cg21840875	SMCR7L	0.0218594	0.402495	1.27297	1.27297	0.0326695	2.02209	2.02209	0.00892648	2.55252	2.55252	0.630785	0.872481	-1.14616	0.0664213	0.559962	-1.78584	0.0528634	0.538016	-1.85868	0.875386	0.956755	-1.0452	0.0167553	2.27605	2.27605	0.938679	0.97856	-1.02191	4.56397	5.73585	1.11713	1
cg18681352	SMCR7L	0.045689	0.857811	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.29506	1.32533	1.32533	0.115871	1.55957	1.55957	0.0143361	1.52084	1.52084	[illegible]	[illegible]	[illegible]	[illegible]	3.89633	0.794593	1
cg06456258	SMCR7L;SMCR7L	0.00818563	0.412313	0.648843	-1.54121	0.0014008	0.437867	-2.2838	0.0417123	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0314033	0.264078	-3.78676	?	?	?	0.075399	2.81597	2.81597	0.000642223	0.0553366	-18.0712	7.502	23.929	3.18969	1
cg09561417	SMCR8	7.38E-05	1.04E-05	0.207079	-4.82906	0.000860921	0.433741	-2.30552	0.000394031	0.389691	-2.56613	0.000501989	0.40319	-2.48022	0.00970141	0.579141	-1.7267	0.00133344	0.458992	-2.17869	2.24E-05	0.241923	-4.13355	0.144008	0.769489	-1.29956	0.000250275	0.364764	-2.7415	24.0056	10.5591	0.392319	1
cg04261877	SMCR8;TOP3A;SMCR8	0.00294194	0.679256	0.913711	-1.09444	0.195226	1.34627	1.34627	[illegible]	[illegible]	[illegible]	[illegible]	1.08222	1.08222	0.0702248	1.55155	1.55155	0.79536	1.12388	1.12388	0.000124302	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.60793	6.42188	0.663149	1
cg00650006	SMCR8;TOP3A;SMCR8	0.0108419	0.693735	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.625877	1.10997	1.10997	0.565633	0.883987	-1.13124	0.000709189	3.73286	3.73286	[illegible]	[illegible]	[illegible]	[illegible]	4.09679	0.634734	1
cg01561368	SMEK1	5.89E-05	0.294565	1.1672	1.1672	0.0251337	0.658874	-1.51774	0.274057	0.850253	-1.17612	6.32E-06	0.0747403	-13.3797	0.0905104	0.583132	-1.71488	?	?	?	0.000100277	4.37373	4.37373	0.000370252	0.325314	-3.07396	0.000408329	0.332904	-3.00387	88.3227	21.9939	0.155636	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26971989	SMEK1	0.0085458	0.0428754	1.3454	1.3454	0.151224	1.21628	1.21628	0.00710439	1.55696	1.55696	0.947666	1.00839	1.00839	0.177574	1.20011	1.20011
cg14951038	SMEK1	0.0116793	0.0363666	1.58718	1.58718	0.154488	0.748715	-1.33562	0.150087	0.74605	-1.34039	0.528444	1.12893	1.12893	0.0220831	1.68404	1.68404
cg15390365	SMEK1	0.0265019	0.284792	1.08935	1.08935	0.349042	1.07709	1.07709	0.0924692	1.15331	1.15331	0.489173	0.947318	-1.05561	0.432814	1.0636	1.0636
cg05992226	SMEK1	0.0480973	0.366381	0.807888	-1.23779	0.820605	0.949125	-1.0536	0.703833	1.09177	1.09177	0.00145613	0.347473	-2.87792	0.335236	0.795771	-1.25664
cg24541871	SMEK2;SMEK2	0.004148	?	?	?	0.517826	1.3355	1.3355	0.00470756	5.24503	5.24503	0.000343259	0.0786093	-12.7211	0.417203	0.693612	-1.44173
cg24365846	SMEK2;SMEK2	0.00719723	0.0961976	1.60964	1.60964	0.00536525	2.79251	2.79251	0.00256574	3.30859	3.30859	0.0198639	0.467562	-2.13875	?	?	?
cg25467493	SMEK2;SMEK2	0.0126705	0.0115575	0.719827	-1.38922	0.0200431	1.33924	1.33924	0.326547	1.1112	1.1112	0.0428424	0.784544	-1.27463	0.796253	1.0273	1.0273
cg04934727	SMEK2;SMEK2	0.0143604	0.521852	0.880634	-1.13555	0.381736	1.19241	1.19241	0.070084	0.668523	-1.49583	0.167372	0.747934	-1.33702	?	?	?
cg07407209	SMEK2;SMEK2	0.0173332	0.0898461	0.438436	-2.28083	0.973091	1.01499	1.01499	0.156643	1.95059	1.95059	0.100348	0.452101	-2.21189	0.00755967	0.21972	-4.55125
cg02830744	SMEK3P	0.000221829	0.04681	0.588344	-1.69969	0.000527606	0.284075	-3.5202	0.000680179	0.298174	-3.35374	0.173424	0.713499	-1.40154	7.60E-06	0.10102	-9.89908
cg25950377	SMEK3P	0.000384307	0.784986	0.921732	-1.08491	0.00024963	0.165117	-6.05631	0.000755403	0.218229	-4.58234	0.660323	0.87652	-1.14088	1.42E-05	0.0674835	-14.8184
cg26978843	SMEK3P	0.000456069	0.162403	0.781605	-1.27942	0.000644017	0.421016	-2.3752	0.000534379	0.410507	-2.43601	0.4832	0.88894	-1.12494	1.51E-05	0.227238	-4.40067
cg08351598	SMEK3P	0.000565189	0.0314892	2.27629	2.27629	0.00186613	0.237148	-4.21677	0.00118099	0.211968	-4.71769	0.796216	1.08805	1.08805	3.63E-05	0.0747561	-13.3768
cg07769622	SMEK3P	0.0296278	0.403127	1.65204	1.65204	0.176494	0.430378	-2.32354	0.419764	0.616505	-1.62205	0.0560169	0.280826	-3.56092	0.00167192	0.0715561	-13.975
ch.16.612655R	SMG1	0.00182891	0.00998659	0.495641	-2.01759	5.82E-05	0.200457	-4.98861	0.000525274	0.311631	-3.20892	0.112553	0.688847	-1.4517	0.0319157	0.581306	-1.72026
cg08960156	SMG1	0.0277532	0.097635	0.776346	-1.28809	0.0779557	0.761221	-1.31368	0.39003	1.13053	1.13053	0.924023	0.986801	-1.01338	0.994539	0.999047	-1.00095
cg10199857	SMG5	0.0495363	0.0369276	0.374346	-2.67132	0.264048	1.60326	1.60326	0.109945	0.493386	-2.02681	0.647911	0.829921	-1.20493	0.00784205	0.25071	-3.98867
cg00500989	SMG5;TMEM79;TMEM79	0.0153447	0.00388405	0.60214	-1.66074	0.0115545	0.662336	-1.50981	0.198594	0.837592	-1.1939	0.0796577	0.775888	-1.28885	0.0679592	1.30562	1.30562
cg16491166	SMG5;TMEM79;TMEM79	0.0395249	0.995049	1.00087	1.00087	0.133809	0.79772	-1.25357	0.0108878	1.56329	1.56329	0.946451	0.990656	-1.00943	0.676888	1.06032	1.06032
cg10434210	SMG6;SMG6	0.000461355	0.188939	0.834431	-1.19842	0.0276753	0.712801	-1.40292	0.418813	1.11342	1.11342	0.953182	0.992393	-1.00767	8.33E-06	0.282593	-3.53866
cg06568880	SMG6;SMG6	0.00124951	0.537038	0.923112	-1.08329	0.00380205	0.606762	-1.64809	0.00106288	0.5383	-1.8577	0.315384	1.14211	1.14211	0.404659	0.896609	-1.11531
cg08189100	SMG6;SMG6	0.00205765	0.0824609	0.690685	-1.44784	0.00235256	0.441964	-2.26263	0.000377486	0.335157	-2.98368	0.712415	1.07383	1.07383	0.553555	0.891098	-1.12221
cg02858512	SMG6;SMG6	0.00897167	0.00131199	0.15673	-6.38039	0.382994	1.42543	1.42543	0.0180167	0.320278	-3.12229	0.592293	0.807195	-1.23886	0.334091	1.484	1.484
cg02249969	SMG6;SMG6	0.00959251	0.118353	0.499128	-2.00349	0.00111262	0.139646	-7.16095	0.00844168	0.251973	-3.96867	0.668189	0.83801	-1.1933	0.00209511	0.169665	-5.89396
cg13916835	SMG6;SMG6	0.0110168	0.0306191	2.78912	2.78912	0.0342994	2.71056	2.71056	0.817627	0.910941	-1.09777	0.0469785	0.399238	-2.50477	0.188581	1.75513	1.75513
cg07058377	SMG6;SMG6	0.0197705	0.0250704	0.438481	-2.2806	0.0203636	2.37482	2.37482	0.95172	0.981444	-1.01891	0.060482	0.519529	-1.92482	0.00991369	0.365024	-2.73955
cg27384338	SMG6;SMG6	0.0235547	0.894336	1.02467	1.02467	0.00129428	0.423362	-2.36205	0.00665627	0.524309	-1.90727	0.740926	1.06273	1.06273	0.119645	0.733716	-1.36293
cg06952519	SMG6;SMG6	0.0382733	0.453081	0.781009	-1.28039	0.342014	0.728624	-1.37245	0.0010672	0.209351	-4.77666	0.0446034	0.474402	-2.10792	0.384245	0.749386	-1.33443
cg04375931	SMG6;SMG6;SRR	0.000749463	0.0211457	0.344224	-2.90508	0.657579	0.842302	-1.18722	0.0154555	3.1361	3.1361	0.681996	1.17174	1.17174	0.000876666	0.146688	-6.81719
cg27025247	SMG6;SMG6;SRR	0.00465645	0.578337	0.943495	-1.05989	0.219824	1.143	1.143	0.805653	0.974787	-1.02587	0.0452945	0.788286	-1.26857	0.00240695	0.64536	-1.54952
cg12946690	SMG6;SRR;SMG6;SMG6	0.00350584	0.0130319	0.815369	-1.22644	0.113769	1.12077	1.12077	0.0712991	1.14279	1.14279	0.591904	1.03651	1.03651	0.0263688	1.19065	1.19065
cg25065191	SMG7;SMG7;SMG7	3.43E-05	0.00305763	0.536816	-1.86284	0.313503	0.852256	-1.17336	0.00125638	0.485613	-2.05925	0.917524	1.01601	1.01601	1.11E-05	0.238447	-4.19381
cg13492133	SMG7;SMG7;SMG7	0.00797046	0.00997999	1.99597	1.99597	0.0137641	1.90964	1.90964	0.0534652	1.59353	1.59353	0.0261236	1.75184	1.75184	0.464449	1.17136	1.17136
cg07962812	SMG7;SMG7;SMG7	0.012097	0.604919	0.894777	-1.1176	0.845973	1.0423	1.0423	0.902289	0.974174	-1.02651	0.0234115	0.561626	-1.78054	0.111017	0.690822	-1.44755
cg01808708	SMG7;SMG7;SMG7	0.0264035	0.108285	0.495353	-2.01876	0.390347	0.702633	-1.42322	0.0143304	0.297995	-3.35576	0.756105	1.13306	1.13306	0.00424476	0.215564	-4.63899
cg06934615	SMG7;SMG7;SMG7;SMG7;SMG7;SMG7	0.0292829	0.265719	0.759065	-1.31741	0.669585	1.10741	1.10741	0.678841	1.10403	1.10403	0.0856365	1.57078	1.57078	0.756695	0.928793	-1.07667
cg08748794	SMN1;SMN1;SMN2;SMN2;SMN2;SMN2	0.0128207	0.654536	0.968457	-1.03257	0.0219234	0.822294	-1.21611	0.00232159	0.738817	-1.35351	0.268149	0.921197	-1.08554	0.0118364	0.799607	-1.25061
cg04281426	SMN2;SMN1;SMN2;SMN2;SMN2;SMN1	0.000173007	0.0208038	1.71807	1.71807	0.00345873	0.46204	-2.16431	0.0017393	0.419569	-2.3834	0.151463	0.741603	-1.34843	0.000169747	0.288272	-3.46894
cg17981675	SMNDC1	0.0033536	0.459398	0.855323	-1.16915	0.566746	1.12764	1.12764	0.00104609	0.365532	-2.73574	0.22044	0.76547	-1.30639	0.686984	0.919398	-1.08767
cg18209001	SMNDC1	0.0180726	0.383334	0.896749	-1.11514	0.00312682	1.63654	1.63654	0.245328	1.15968	1.15968	0.787235	0.967558	-1.03353	0.0142281	0.691665	-1.44579
cg12486840	SMNDC1	0.04988	0.0943325	0.817296	-1.22355	0.0820665	1.23534	1.23534	0.629744	1.05473	1.05473	0.352781	1.11059	1.11059	0.930682	1.00959	1.00959
cg06217803	SMO	0.00560558	0.0176588	0.254177	-3.93426	0.000950604	0.096554	-10.3569	0.0550434	0.356158	-2.80774	0.213501	0.537051	-1.86202	0.00604728	0.182381	-5.48302
cg06912939	SMO	0.00901423	0.0127468	0.247489	-4.04059	0.0486714	0.362025	-2.76224	0.0168961	0.268481	-3.72465	0.538302	1.32464	1.32464	0.00179694	0.134803	-7.41821
cg19015909	SMO	0.0378459	0.012772	0.727968	-1.37369	0.00958386	1.40024	1.40024	0.98262	0.997767	-1.00224	0.231537	0.879154	-1.13746	0.630233	0.951435	-1.05104
cg15447479	SMO;SMO	0.00783455	0.514966	0.896835	-1.11503	0.506892	1.11744	1.11744	0.918239	1.01708	1.01708	0.229427	0.81223	-1.23118	0.222959	1.23514	1.23514
cg18420512	SMO;SMO	0.00893033	0.0654548	2.44429	2.44429	0.220416	1.74525	1.74525	0.0222915	3.2671	3.2671	0.774298	1.13233	1.13233	0.793551	0.892823	-1.12004
cg11137697	SMOC1;SMOC1	5.94E-05	0.000254454	0.563101	-1.77588	0.0012242	1.56948	1.56948	0.26256	0.894655	-1.11775	0.174246	1.14767	1.14767	0.000225174	0.557248	-1.79453
cg24158599	SMOC1;SMOC1	9.85E-05	7.69E-05	0.212823	-4.69874	0.000427325	0.29984	-3.33511	0.0142947	0.520718	-1.92043	0.810281	0.949378	-1.05332	4.87E-05	0.19211	-5.20535
cg18653195	SMOC1;SMOC1	0.000186909	0.0387932	0.710151	-1.40815	0.000390219	2.24511	2.24511	0.00341268	1.76686	1.76686	0.743426	1.04811	1.04811	0.00051101	0.460121	-2.17334
cg10983327	SMOC1;SMOC1	0.000708694	0.774407	1.02529	1.02529	0.446181	0.934739	-1.06982	0.330132	0.916364	-1.09127	0.00836277	0.746131	-1.34025	0.0436957	0.817481	-1.22327
cg12943115	SMOC1;SMOC1	0.00100132	0.00448813	0.488892	-2.04544	0.000571278	0.365103	-2.73895	0.00129955	0.412793	-2.42252	0.583911	0.900802	-1.11012	0.000678606	0.374911	-2.6673
cg10979891	SMOC1;SMOC1	0.00222715	0.00510398	0.4895	-2.0429	0.00536071	0.492666	-2.02977	0.000503801	0.349999	-2.85715	0.122448	0.723887	-1.38143	0.00922596	0.528355	-1.89267
cg08754456	SMOC1;SMOC1	0.00348757	0.340637	0.883054	-1.13243	0.0145812	1.46375	1.46375	0.0780937	1.28136	1.28136	0.37043	0.890043	-1.12354	0.664741	1.05678	1.05678
cg18255426	SMOC1;SMOC1	0.00442971	0.000802089	0.202376	-4.94129	0.0965086	0.562058	-1.77918	0.251055	0.684783	-1.46032	0.142627	1.64472	1.64472	0.0267623	0.436675	-2.29004
cg18653027	SMOC1;SMOC1	0.00632734	0.00264265	0.400806	-2.49497	0.0227236	0.549225	-1.82075	0.0525125	1.62333	1.62333	0.649611	0.904376	-1.10574	0.00351757	0.419055	-2.38632
cg15724184	SMOC1;SMOC1	0.00656046	0.284498	0.92799	-1.0776	0.0505203	0.860873	-1.16161	0.167245	0.905774	-1.10403	0.0151742	1.22202	1.22202	0.126332	0.894785	-1.11759
cg04913114	SMOC1;SMOC1	0.0152699	0.00875948	0.163702	-6.10867	0.000887664	0.0672779	-14.8637	0.0922198	0.366224	-2.73057	0.583367	0.740661	-1.35014	0.0497334	0.297248	-3.3642
cg19889634	SMOC1;SMOC1	0.0162813	0.707229	1.11459	1.11459	0.000905259	0.23995	-4.16753	0.0237728	0.460299	-2.1725	0.904667	0.966137	-1.03505	0.0465267	0.519188	-1.92609
cg09208628	SMOC1;SMOC1	0.0173622	0.0032413	0.335166	-2.9836	0.135541	0.64535	-1.54955	0.224816	0.706736	-1.41496	0.0221088	0.473753	-2.11081	0.0032455	0.335249	-2.98286
cg15239123	SMOC1;SMOC1	0.0189349	0.449374	0.916737	-1.09083	0.234055	1.15106	1.15106	0.0828287	1.24187	1.24187	0.625809	0.946085	-1.05699	0.026604	0.743516	-1.34496
cg16054651	SMOC1;SMOC1	0.0327409	0.0253673	0.313877	-3.18597	0.0112734	0.250597	-3.99048	0.044168	0.36493	-2.74025	0.318853	0.638161	-1.567	0.0356581	0.344366	-2.90389
cg18493027	SMOC1;SMOC1;SMOC1;SMOC1	0.00931523	0.584627	1.08895	1.08895	0.550875	1.09763	1.09763	0.0641598	1.37865	1.37865	0.0575455	1.39312	1.39312	0.254288	1.20173	1.20173
cg22148695	SMOC2;SMOC2	0.000336243	7.29E-05	13.4703	13.4703	0.760367	0.895627	-1.11654	0.889836	1.05121	1.05121	0.626064	1.19357	1.19357	0.884388	0.948922	-1.05383
cg19476037	SMOC2;SMOC2	0.000351314	0.102523	0.844809	-1.1837	0.000228689	0.561078	-1.78228	0.0133283	0.748705	-1.33564	0.125726	0.855214	-1.1693	0.0125645	0.746023	-1.34044
cg11612345	SMOC2;SMOC2	0.000353227	0.00311761	0.70142	-1.42568	0.122078	0.863289	-1.15836	0.00612295	0.730653	-1.36864	0.675615	0.963755	-1.03761	0.00227782	0.687726	-1.45407
cg10176110	SMOC2;SMOC2	0.000497717	0.193281	1.40143	1.40143	0.00344149	2.64854	2.64854	0.000129451	5.10587	5.10587	0.000817975	3.44394	3.44394	0.00292741	2.72377	2.72377
cg16572625	SMOC2;SMOC2	0.000641708	0.0325515	0.5887	-1.69866	0.002491	0.41063	-2.43528	0.00251769	0.411298	-2.43133	0.00897946	0.494768	-2.02115	0.000192357	0.264516	-3.78049
cg12103547	SMOC2;SMOC2	0.000750916	0.540454	0.957041	-1.04489	0.535574	1.04546	1.04546	0.0245324	0.827122	-1.20901	0.00876923	0.789359	-1.26685	0.101421	0.880668	-1.1355
cg26912251	SMOC2;SMOC2	0.000978389	0.000368734	0.192359	-5.1986	0.0146932	0.419684	-2.38275	0.000237282	0.172002	-5.8139	0.0346506	0.49066	-2.03807	0.000594698	0.215982	-4.63001
cg09682426	SMOC2;SMOC2	0.00112787	0.586923	1.05614	1.05614	0.0226487	1.31219	1.31219	0.00147821	0.633384	-1.57882	0.217561	1.13786	1.13786	0.0183911	0.752172	-1.32948
cg01289068	SMOC2;SMOC2	0.00125166	0.0337067	0.808586	-1.23673	0.887989	1.01215	1.01215	0.617257	0.957756	-1.04411	0.3236	1.09127	1.09127	0.00644263	1.35463	1.35463
cg13517866	SMOC2;SMOC2	0.00141092	0.691788	1.10711	1.10711	0.00289467	0.351407	-2.84571	0.000555631	0.254605	-3.92765	0.21463	0.716338	-1.39599	0.00011379	0.177277	-5.6409
cg07500713	SMOC2;SMOC2	0.00158119	0.00919642	0.757291	-1.3205	0.00388958	1.38655	1.38655	0.159256	0.881209	-1.1348	0.86438	0.985731	-1.01448	0.000641915	0.64376	-1.55337
cg19926852	SMOC2;SMOC2	0.0019192	0.233277	0.810022	-1.23453	0.171628	0.782436	-1.27806	0.00422317	0.52425	-1.90749	0.090743	0.7304	-1.36911	0.126187	1.32173	1.32173
cg01371493	SMOC2;SMOC2	0.00194733	0.163861	0.771302	-1.29651	0.257554	0.813412	-1.22939	0.0141443	0.589059	-1.69762	0.450591	0.874273	-1.14381	0.000329954	0.362977	-2.75499
cg08112248	SMOC2;SMOC2	0.00204503	0.144975	0.436787	-2.28945	0.0251193	4.09449	4.09449	0.321388	1.71964	1.71964	0.2492	0.52871	-1.8914	0.000203455	0.0370404	-26.9976
cg15113915	SMOC2;SMOC2	0.00242359	0.0412267	0.599738	-1.66739	0.645015	0.90419	-1.10596	0.547688	1.14121	1.14121	0.578814	1.12946	1.12946	0.000183495	0.25341	-3.94617
cg21755672	SMOC2;SMOC2	0.00248171	0.0218188	0.729908	-1.37004	0.503027	1.08085	1.08085	0.00945711	1.4567	1.4567	0.016959	0.716713	-1.39526	0.0475609	1.2959	1.2959
cg27513097	SMOC2;SMOC2	0.0027358	0.0106638	0.555049	-1.80164	0.020318	1.67027	1.67027	0.693424	1.07536	1.07536	0.402487	0.854603	-1.17013	0.000153618	0.304275	-3.2865
cg22967008	SMOC2;SMOC2	0.0028725	0.00769316	0.439353	-2.27608	0.000100469	0.19087	-5.23917	0.0116649	0.469091	-2.13178	0.0126786	0.475196	-2.10439	0.012199	0.472365	-2.11701
cg02499409	SMOC2;SMOC2	0.0029531	0.240678	0.896047	-1.11601	0.00357992	1.4227	1.4227	0.0510078	1.21971	1.21971	0.732216	0.969774	-1.03117	0.371393	1.08547	1.08547
cg17354139	SMOC2;SMOC2	0.00323258	0.029583	0.677337	-1.47637	0.0206815	0.654583	-1.52769	0.00095225	0.472855	-2.11481	0.0731357	0.73789	-1.35522	0.00023729	0.396103	-2.5246
cg26990023	SMOC2;SMOC2	0.0033585	0.000782156	0.206183	-4.85007	0.042079	0.482869	-2.07096	0.00161841	0.24546	-4.07398	0.135563	0.606529	-1.64872	0.295864	0.713961	-1.40064
cg20045841	SMOC2;SMOC2	0.00372879	0.239077	1.14861	1.14861	0.91189	0.987638	-1.01252	0.552821	0.934751	-1.0698	0.653675	1.05206	1.05206	0.0250989	1.34907	1.34907
cg07979566	SMOC2;SMOC2	0.00379184	0.0403141	0.433508	-2.30676	0.188253	0.611431	-1.63551	0.00147712	0.198153	-5.04659	0.0111342	0.325345	-3.07366	0.00898496	0.309657	-3.22938
cg26265390	SMOC2;SMOC2	0.00388727	0.343181	0.832544	-1.20114	0.00642079	1.94521	1.94521	0.00195626	0.439665	-2.27446	0.00664188	0.516276	-1.93695	0.126689	0.733412	-1.36349
cg03853807	SMOC2;SMOC2	0.00425765	0.629152	0.910028	-1.09887	0.851722	0.964395	-1.03692	0.00615089	0.500326	-1.9987	0.0915395	1.43331	1.43331	0.248122	1.26355	1.26355
cg03566814	SMOC2;SMOC2	0.00460114	0.521963	0.904755	-1.10527	0.00026385	2.52046	2.52046	0.731222	0.948212	-1.05462	0.0669528	0.728543	-1.3726	0.829211	1.03388	1.03388
cg01442550	SMOC2;SMOC2	0.00652833	0.0290575	0.383899	-2.60485	0.281749	0.659498	-1.5163	0.120103	0.533945	-1.87285	0.131487	0.54558	-1.83291	0.000473894	0.129674	-7.71166
cg23871367	SMOC2;SMOC2	0.00712769	0.00776984	0.440433	-2.27049	0.415273	0.818929	-1.22111	0.00283845	0.373141	-2.67996	0.00166149	0.339809	-2.94283	0.00266795	0.369201	-2.70855
cg18800641	SMOC2;SMOC2	0.00736846	0.0222213	0.368112	-2.71656	0.0088833	0.296988	-3.36713	0.169803	0.58674	-1.70433	0.117196	0.537684	-1.85983	0.000336823	0.121543	-8.22752
cg14697125	SMOC2;SMOC2	0.00778757	0.00558701	0.519571	-1.92466	0.653667	0.921957	-1.08465	0.00411314	0.500332	-1.99867	0.0100528	1.79411	1.79411	0.40419	1.16599	1.16599
cg04337342	SMOC2;SMOC2	0.0079881	0.00224254	2.91174	2.91174	0.160445	0.687616	-1.4543	0.0503999	0.572906	-1.74549	0.274556	1.32838	1.32838	0.293829	1.31256	1.31256
cg25599473	SMOC2;SMOC2	0.00806719	0.119589	0.335165	-2.9836	0.12162	2.96293	2.96293	0.0514123	4.20151	4.20151	0.552662	0.677877	-1.47519	0.00156434	0.0527953	-18.9411
cg15393304	SMOC2;SMOC2	0.00913556	0.0297343	0.645016	-1.55035	0.0227017	1.59594	1.59594	0.000993253	0.432417	-2.31258	0.121702	0.7501	-1.33315	0.0535227	0.686721	-1.45619
cg16250472	SMOC2;SMOC2	0.00913873	0.694178	0.861343	-1.16098	0.0827216	2.0664	2.0664	0.0144707	0.320413	-3.12097	0.0258694	0.368162	-2.7162	0.00159752	0.180764	-5.53207
cg24438135	SMOC2;SMOC2	0.00941897	0.621123	0.937055	-1.06717	0.745546	0.958399	-1.04341	0.0995958	0.790157	-1.26557	0.151564	0.818321	-1.22201	0.439934	1.10825	1.10825
cg01310118	SMOC2;SMOC2	0.00960936	0.488752	0.91341	-1.0948	0.00270774	0.586532	-1.70494	0.000551126	0.501195	-1.99523	0.612818	0.936396	-1.06792	0.765627	1.03925	1.03925
cg14253388	SMOC2;SMOC2	0.0100416	0.280255	0.795793	-1.25661	0.106667	0.698733	-1.43116	0.000248251	0.292025	-3.42437	0.303034	0.80484	-1.24248	0.294238	0.801401	-1.24781
cg25966300	SMOC2;SMOC2	0.0101513	0.410801	1.15152	1.15152	0.00104315	0.443023	-2.25722	0.32056	0.84184	-1.18787	0.504012	1.12047	1.12047	0.583919	0.911397	-1.09722
cg14806083	SMOC2;SMOC2	0.0104113	0.064261	0.371567	-2.6913	0.256677	1.75723	1.75723	0.283526	1.69987	1.69987	0.265812	0.575716	-1.73697	0.00158416	0.115393	-8.66604
cg16053651	SMOC2;SMOC2	0.0111078	0.0100083	0.613535	-1.6299	0.207206	0.818868	-1.2212	0.00751407	0.59638	-1.67678	0.00756648	0.596794	-1.67562	0.0135991	0.632113	-1.582
cg11041060	SMOC2;SMOC2	0.011907	0.0614049	0.581874	-1.71859	0.0838883	1.63475	1.63475	0.0347694	0.531365	-1.88195	0.0931276	1.60743	1.60743	0.00619165	0.399615	-2.50241
cg17802216	SMOC2;SMOC2	0.0121611	0.42011	0.855999	-1.16823	0.00549596	1.99179	1.99179	0.400776	1.17627	1.17627	0.0363576	0.63175	-1.5829	0.0275322	0.611404	-1.63558
cg19641625	SMOC2;SMOC2	0.0132051	0.244827	0.79722	-1.25436	0.0515697	0.661815	-1.511	0.0290541	0.619244	-1.61487	0.658732	0.920538	-1.08632	0.000215879	0.316594	-3.15862
cg02129017	SMOC2;SMOC2	0.0138063	0.404819	0.885026	-1.12991	0.000589423	2.13979	2.13979	0.180421	1.22607	1.22607	0.423426	0.889445	-1.1243	0.492902	1.10494	1.10494
cg00729995	SMOC2;SMOC2	0.013895	0.0272646	0.658143	-1.51943	0.614583	0.921917	-1.0847	0.421633	0.876827	-1.14048	0.00528855	0.55506	-1.80161	0.422837	0.877138	-1.14007
cg16071691	SMOC2;SMOC2	0.0151225	0.0158066	0.641112	-1.55979	0.0319636	0.685322	-1.45917	0.00428979	0.563095	-1.7759	0.273015	1.18711	1.18711	0.0109662	0.618824	-1.61597
cg11456412	SMOC2;SMOC2	0.0153156	0.318721	1.39743	1.39743	0.00686744	0.320892	-3.11631	0.00795448	0.331238	-3.01898	0.504973	0.802778	-1.24567	0.212794	0.653051	-1.53127
cg04467832	SMOC2;SMOC2	0.0153571	0.127201	0.800391	-1.24939	0.775169	1.03941	1.03941	0.0103194	0.646471	-1.54686	0.99221	1.00132	1.00132	0.745366	0.956967	-1.04497
cg20686918	SMOC2;SMOC2	0.016425	0.0115413	0.494004	-2.02428	0.984637	0.995711	-1.00431	0.0954325	1.50522	1.50522	0.0856471	0.654348	-1.52824	0.015788	0.516724	-1.93527
cg05621218	SMOC2;SMOC2	0.0168275	0.168164	1.5962	1.5962	0.00141811	4.35107	4.35107	0.173438	1.58592	1.58592	0.159538	1.6138	1.6138	0.328461	0.725315	-1.37871
cg22911934	SMOC2;SMOC2	0.0177891	0.101918	0.753664	-1.32685	0.108751	0.758569	-1.31827	0.0152613	0.624628	-1.60095	0.775461	0.955831	-1.04621	0.650025	0.930387	-1.07482
cg07235599	SMOC2;SMOC2	0.0192522	0.0239363	0.512276	-1.95207	0.276411	1.32456	1.32456	0.969728	1.00947	1.00947	0.496699	0.842541	-1.18689	0.00215952	0.343307	-2.91284
cg25544935	SMOC2;SMOC2	0.0201168	0.584485	0.930868	-1.07427	0.270813	1.16036	1.16036	0.148829	0.818029	-1.22245	0.00857674	0.647294	-1.54489	0.300456	0.870061	-1.14934
cg08495245	SMOC2;SMOC2	0.021375	0.0302003	1.94628	1.94628	0.599467	0.870697	-1.14851	0.229648	0.719398	-1.39005	0.0366302	0.530204	-1.88607	0.0213035	0.485244	-2.06082
cg15812139	SMOC2;SMOC2	0.0219603	0.0233778	0.437581	-2.28529	0.394651	0.766447	-1.30472	0.00334227	0.295694	-3.38188	0.74152	0.903947	-1.10626	0.0024306	0.27592	-3.62424
cg00157439	SMOC2;SMOC2	0.0231611	0.486822	0.815035	-1.22694	0.00177178	3.62789	3.62789	0.058346	1.85753	1.85753	0.629173	0.868615	-1.15126	0.157618	0.645707	-1.54869
cg24652281	SMOC2;SMOC2	0.0263134	0.140748	0.603135	-1.658	0.254527	1.46179	1.46179	0.0252299	0.427754	-2.33779	0.0273581	0.434735	-2.30025	0.00298912	0.272639	-3.66786
cg18943033	SMOC2;SMOC2	0.0270105	0.116371	1.2953	1.2953	0.683341	0.939703	-1.06417	0.00449176	0.563024	-1.77612	0.0305975	0.680284	-1.46997	0.0604044	0.725334	-1.37867
cg00040466	SMOC2;SMOC2	0.0270632	0.247505	1.20193	1.20193	0.00642653	0.583202	-1.71467	0.361338	1.15343	1.15343	0.771607	0.956691	-1.04527	0.809213	1.03748	1.03748
cg03101413	SMOC2;SMOC2	0.0277527	0.0268037	2.08088	2.08088	0.789917	0.928122	-1.07744	0.873386	0.956428	-1.04556	0.0649916	1.78396	1.78396	0.0609751	0.554371	-1.80385
cg13705956	SMOC2;SMOC2	0.0278149	0.0904599	0.689365	-1.45061	0.0721588	1.49211	1.49211	0.00683688	0.497292	-2.01089	0.117047	0.712124	-1.40425	0.103635	0.701244	-1.42604
cg17772793	SMOC2;SMOC2	0.0289052	0.285391	0.653596	-1.53	0.603413	0.818015	-1.22247	0.00173968	0.180616	-5.53661	0.221811	0.611305	-1.63584	0.545108	0.790789	-1.26456
cg02816729	SMOC2;SMOC2	0.0310682	0.351362	1.42018	1.42018	0.014851	0.334227	-2.99198	0.224244	0.626932	-1.59507	0.263535	0.652939	-1.53154	0.0260705	0.380703	-2.62672
cg16588799	SMOC2;SMOC2	0.0320466	0.448241	1.1216	1.1216	0.0661881	1.35797	1.35797	0.105498	0.769049	-1.30031	0.09144	1.31784	1.31784	0.589244	0.922248	-1.08431
cg17323040	SMOC2;SMOC2	0.0355973	0.355154	0.741778	-1.34811	0.0342291	0.460314	-2.17243	0.0335212	0.458436	-2.18133	0.186697	1.55203	1.55203	0.0164939	0.398516	-2.50931
cg00415782	SMOC2;SMOC2	0.0447784	0.943491	1.01059	1.01059	0.264778	1.18851	1.18851	0.26509	0.841493	-1.18836	0.407257	1.13424	1.13424	0.481232	0.899086	-1.11224
cg24472495	SMOC2;SMOC2	0.0450612	0.00956235	0.324402	-3.0826	0.22517	1.54811	1.54811	0.110861	0.551037	-1.81476	0.889108	1.04903	1.04903	0.0270108	0.407259	-2.45544
cg09499136	SMOC2;SMOC2	0.0459818	0.0345706	0.194266	-5.14757	0.00964843	0.113283	-8.82744	0.0458168	0.218248	-4.58195	0.478028	0.61903	-1.61543	0.0441669	0.214968	-4.65186
cg14329365	SMOC2;SMOC2	0.0468228	0.388343	0.827528	-1.20842	0.150987	1.39033	1.39033	0.0232624	0.559483	-1.78736	0.0109589	0.504791	-1.98102	0.0823518	0.662283	-1.50993
cg11172857	SMOC2;SMOC2	0.0482291	0.00629616	1.40193	1.40193	0.0463483	1.24194	1.24194	0.027278	1.28147	1.28147	0.958465	0.995068	-1.00496	0.578404	1.05474	1.05474
cg23346787	SMOC2;SMOC2	0.0491672	0.378849	0.847457	-1.18	0.0216955	1.6574	1.6574	0.895864	0.976279	-1.0243	0.0814581	1.42481	1.42481	0.0325827	0.632199	-1.58178
cg02540477	SMOC2;SMOC2;SMOC2;SMOC2	0.00332051	0.0672173	0.783984	-1.27554	0.0279996	1.36071	1.36071	0.950651	0.992683	-1.00737	0.867234	0.980344	-1.02005	0.0122678	0.690652	-1.44791
cg13445891	SMOX;SMOX;SMOX;SMOX	0.00024523	0.043983	1.12916	1.12916	0.0175579	1.16376	1.16376	0.152617	1.08372	1.08372	0.000393619	1.34487	1.34487	1.47E-05	0.62359	-1.60362
cg07472708	SMOX;SMOX;SMOX;SMOX	0.00117694	0.658078	1.10882	1.10882	0.894852	1.03114	1.03114	0.0127829	0.48806	-2.04893	0.615169	0.88909	-1.12475	0.000355911	0.264609	-3.77916
cg03408497	SMOX;SMOX;SMOX;SMOX	0.0017092	0.119669	0.775393	-1.28967	0.00773375	1.67439	1.67439	0.223902	1.21228	1.21228	0.0138376	0.632361	-1.58137	0.00165252	0.507384	-1.97089
cg26478215	SMOX;SMOX;SMOX;SMOX	0.00574537	0.0224589	0.716966	-1.39477	0.0104687	0.675624	-1.48011	0.0411979	0.7508	-1.33191	0.614485	1.06375	1.06375	0.785501	0.967348	-1.03375
cg02813644	SMOX;SMOX;SMOX;SMOX	0.00763564	0.389345	0.791903	-1.26278	0.824918	1.06035	1.06035	0.284854	0.745411	-1.34154	0.627835	1.13792	1.13792	0.000219673	0.196155	-5.09801

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26971989	0.872476	1.02066	1.02066	0.287777	1.15085	1.15085	0.000243434	2.16463	2.16463	0.470986	0.910869	-1.09785	6.21345	1.59489	0.228163	1
cg14951038	0.49095	1.14208	1.14208	0.00856303	1.89052	1.89052	0.00241502	2.23063	2.23063	0.475458	0.871277	-1.14774	5.62264	3.21072	0.507585	1
cg15390365	0.467034	1.05867	1.05867	0.00339769	0.735841	-1.35899	0.950874	1.00476	1.00476	0.0107762	1.27987	1.27987	4.26943	0.401222	0.0835338	1
cg05992226	0.683276	1.09889	1.09889	0.239788	0.753545	-1.32706	0.125103	1.46468	1.46468	0.372074	0.810038	-1.23451	3.43834	2.87785	0.743991	1
cg24541871	?	?	?	0.797356	0.89267	-1.12024	0.86948	1.07526	1.07526	0.964155	1.02003	1.02003	8.14905	19.5449	2.74106	1
cg24365846	0.791401	0.935396	-1.06907	?	?	?	0.0431299	1.8539	1.8539	0.407902	0.806667	-1.23967	9.38648	6.97844	0.637248	1
cg25467493	0.0236431	0.754828	-1.3248	0.562179	0.940819	-1.0629	0.012163	1.38445	1.38445	0.930379	1.00914	1.00914	5.47582	0.939792	0.152556	1
cg04934727	0.00796745	1.99758	1.99758	0.0732804	0.672341	-1.48734	0.0209583	1.74901	1.74901	0.0254692	0.586676	-1.70452	6.01376	3.1645	0.460434	1
cg07407209	0.012679	0.25506	-3.92065	0.00332825	0.171621	-5.8268	0.159827	0.515641	-1.93933	0.120456	0.475801	-2.10172	4.9373	15.2069	2.73778	1
cg02830744	0.262446	0.761614	-1.313	0.0368646	1.7595	1.7595	0.607909	0.886382	-1.12818	0.0612468	0.61169	-1.63481	17.8618	15.3658	0.764676	1
cg25950377	0.738934	0.905131	-1.10481	0.718702	0.897811	-1.11382	0.249544	0.698624	-1.43139	0.0355563	0.482287	-2.07345	15.3688	21.6182	1.25034	1
cg26978843	0.676751	0.933079	-1.07172	0.604512	1.09015	1.09015	0.0717245	0.71736	-1.394	0.0621091	0.706815	-1.4148	14.6593	6.33663	0.384231	1
cg08351598	0.65986	0.865527	-1.15537	0.638251	1.16697	1.16697	0.677867	1.14592	1.14592	0.0175436	0.389658	-2.56636	13.812	23.259	1.49686	1
cg07769622	0.0540244	0.277144	-3.60823	0.0918403	0.336559	-2.97125	0.330417	0.554726	-1.80269	0.021428	0.197568	-5.06156	4.10498	22.3826	4.84672	1
ch.16.612655R	0.167342	0.727902	-1.37381	0.376306	0.822094	-1.21641	0.222616	0.758406	-1.31855	0.206789	0.750297	-1.33281	9.89593	7.2967	0.655416	1
cg08960156	0.0377321	0.714846	-1.3989	0.00100326	0.506483	-1.9744	0.151674	0.807381	-1.23857	0.857886	0.975342	-1.02528	4.20086	1.2909	0.273151	1
cg10199857	0.130518	0.515762	-1.93888	0.0747275	0.447139	-2.23644	0.929951	0.964979	-1.03629	0.0274586	0.347325	-2.87915	3.40015	8.8531	2.31444	1
cg00500989	0.0362752	0.727917	-1.37378	0.0122055	0.665407	-1.50284	0.159736	0.822032	-1.2165	0.639113	0.940247	-1.06355	5.14188	1.38579	0.239565	1
cg16491166	0.81414	1.03346	1.03346	0.0040335	0.582851	-1.71571	0.819015	1.03255	1.03255	0.681402	1.05939	1.05939	3.69937	1.1445	0.275001	1
cg10434210	0.860294	1.02318	1.02318	0.00679751	1.57794	1.57794	0.967889	0.994778	-1.00525	0.854832	0.976463	-1.0241	14.6126	3.91437	0.238112	1
cg06568880	0.237459	1.17164	1.17164	0.000163001	2.27813	2.27813	0.842395	1.02581	1.02581	0.50641	0.917331	-1.09012	11.0435	2.86537	0.230633	1
cg08189100	0.00352483	0.467122	-2.14077	0.00956591	1.88	1.88	0.905519	1.02311	1.02311	0.0879156	0.696041	-1.4367	9.56235	5.6057	0.52109	1
cg02858512	0.889171	0.946251	-1.0568	0.00489933	0.22824	-4.38134	0.13783	1.88354	1.88354	0.0748219	0.455551	-2.19514	6.11849	15.2138	2.21024	1
cg02249969	0.021633	0.322946	-3.09649	0.0323079	0.357977	-2.79348	0.395992	0.700296	-1.42797	0.151792	0.532953	-1.87634	5.98967	15.9341	2.36468	1
cg13916835	0.0197502	3.11704	3.11704	0.00400357	0.209756	-4.76743	0.761104	1.13104	1.13104	0.174989	1.79056	1.79056	5.7297	14.7982	2.29574	1
cg07058377	0.0879666	0.558498	-1.79052	0.716126	1.1196	1.1196	0.224125	1.48446	1.48446	0.0820449	0.551002	-1.81487	4.72304	7.15816	1.34719	1
cg27384338	0.356131	0.840263	-1.1901	0.319201	1.20775	1.20775	0.595138	0.906335	-1.10335	0.550756	0.895219	-1.11704	4.44812	2.36871	0.473351	1
cg06952519	0.241985	0.672996	-1.48589	0.27475	1.44408	1.44408	0.459809	0.783982	-1.27554	0.161088	0.616291	-1.62261	3.7433	6.19964	1.47217	1
cg04375931	0.550446	0.792626	-1.26163	0.00601277	3.97843	3.97843	0.000343004	0.108875	-9.18485	0.00307617	0.210371	-4.75351	12.7641	29.9178	2.08347	1
cg27025247	0.182663	0.863726	-1.15777	0.0207827	0.749529	-1.33417	0.00165093	0.627134	-1.59456	0.0011127	0.607991	-1.64476	7.49948	1.27463	0.151078	1
cg12946690	0.0207361	1.20262	1.20262	0.00263529	0.758963	-1.31759	0.0078812	0.797825	-1.25341	0.210754	1.09131	1.09131	8.16973	0.568087	0.0618095	1
cg25065191	8.46E-05	0.338323	-2.95575	9.31E-06	0.230379	-4.34067	0.830219	0.967606	-1.03348	4.08E-05	0.301047	-3.32174	29.4051	10.9531	0.331102	1
cg13492133	0.145182	0.717257	-1.3942	0.0588778	1.57338	1.57338	0.000763223	2.95437	2.95437	0.0547144	1.58868	1.58868	6.35154	4.5394	0.635284	1
cg07962812	0.257545	0.777468	-1.28623	0.0005337	0.317158	-3.153	0.00767035	0.481904	-2.0751	0.46485	1.17171	1.17171	5.55896	3.99566	0.638914	1
cg01808708	0.0680685	0.440749	-2.26887	0.385896	0.700184	-1.4282	0.0595061	2.34625	2.34625	0.116224	0.504359	-1.98272	4.27499	10.885	2.2633	1
cg06934615	0.318249	0.782552	-1.27787	0.00207236	0.356761	-2.803	0.0393329	1.76239	1.76239	0.502076	1.17577	1.17577	4.12205	3.68825	0.795345	1
cg08748794	0.00247242	0.741211	-1.34914	0.0415001	0.845956	-1.18209	0.0455733	0.849464	-1.17721	0.05306	0.855192	-1.16933	5.45482	0.437503	0.0712933	1
cg04281426	0.00105327	0.389638	-2.56649	2.89E-05	0.202542	-4.93725	0.00151661	0.411306	-2.43128	0.00353905	0.463489	-2.15755	19.1066	11.4481	0.532595	1
cg17981675	0.397732	1.19678	1.19678	0.0205604	1.78386	1.78386	0.0154512	1.85226	1.85226	0.00160774	2.55617	2.55617	8.27888	5.64308	0.605888	1
cg18209001	0.0423083	0.751927	-1.32992	0.267394	1.15125	1.15125	0.167883	1.19623	1.19623	0.589526	0.935755	-1.06866	4.86853	1.14592	0.20922	1
cg12486840	0.290274	1.12795	1.12795	0.380356	1.10375	1.10375	0.0733198	0.803264	-1.24492	0.0057855	1.4868	1.4868	3.39123	0.646368	0.169422	1
cg06217803	0.0143876	0.238893	-4.18598	0.00237797	0.133929	-7.46666	0.00786586	0.198234	-5.04455	0.0184787	0.257674	-3.88087	7.08604	25.2757	3.17064	1
cg06912939	0.00386289	0.172679	-5.79108	0.021252	0.286668	-3.48835	0.586307	0.780405	-1.28139	0.0282347	0.31069	-3.21864	6.10931	19.6995	2.86623	1
cg19015909	0.149148	0.853192	-1.17207	0.369664	0.909774	-1.09917	0.0886467	0.824672	-1.2126	0.325413	1.10984	1.10984	3.75872	0.627091	0.148299	1
cg15447479	0.0453665	0.68486	-1.46015	0.538331	1.10821	1.10821	0.0733874	0.719481	-1.38989	0.000179451	0.351306	-2.84652	6.38597	2.75051	0.382855	1
cg18420512	0.134255	2.00976	2.00976	0.0326155	0.339289	-2.94734	0.00173926	0.145127	-6.89053	0.06402	0.406685	-2.4589	6.12746	18.1319	2.63032	1
cg11137697	0.00222742	1.50414	1.50414	3.50E-05	2.14257	2.14257	0.833187	1.0203	1.0203	0.00784869	0.722457	-1.38417	25.438	3.65862	0.127845	1
cg24158599	0.0110633	0.502452	-1.99024	5.15E-05	0.194636	-5.1378	0.943744	0.984872	-1.01536	0.000110185	0.2299	-4.34972	22.2298	16.4262	0.656826	1
cg18653195	0.00216555	1.851	1.851	0.00212043	1.85507	1.85507	0.00135605	1.94543	1.94543	0.0146334	0.650496	-1.53729	18.7113	6.06432	0.288089	1
cg10983327	0.223066	1.1177	1.1177	8.92E-06	0.433094	-2.30897	0.829397	0.98142	-1.01893	0.80475	0.978703	-1.02176	12.966	1.55118	0.106342	1
cg12943115	0.313374	0.821226	-1.21769	0.000583842	0.366337	-2.72973	0.0013748	0.416139	-2.40304	0.0136108	0.56182	-1.77993	11.7621	6.6462	0.502267	1
cg10979891	0.831783	1.04192	1.04192	0.000322253	0.325231	-3.07474	0.0348729	0.622081	-1.60751	0.189851	0.764865	-1.30742	9.34369	5.51468	0.524626	1
cg08754456	0.522134	1.08563	1.08563	0.000102437	0.418532	-2.3893	0.599672	0.935124	-1.06938	0.911921	0.986084	-1.01411	8.18251	2.07864	0.225809	1
cg18255426	0.368417	0.746997	-1.33869	0.040843	0.47456	-2.10722	0.533161	0.819311	-1.22054	0.000453554	0.174672	-5.72502	7.61399	12.0218	1.40348	1
cg18653027	0.82135	0.951512	-1.05096	0.964399	1.00986	1.00986	0.523503	0.86755	-1.15267	0.00280884	0.404665	-2.47118	6.82611	5.22102	0.679876	1
cg15724184	0.224541	1.08954	1.08954	0.508606	1.04611	1.04611	0.000420824	0.686796	-1.45604	0.169684	0.906352	-1.10332	6.74995	0.483047	0.0636116	1
cg04913114	0.509708	0.695952	-1.43688	0.0187283	0.213504	-4.68374	0.0213178	0.223189	-4.48051	0.186882	0.468472	-2.1346	5.15022	23.9611	4.13551	1
cg19889634	0.723599	0.902943	-1.10749	0.303464	1.3586	1.3586	0.145397	1.56757	1.56757	0.237031	0.700336	-1.42789	5.04166	6.60114	1.16384	1
cg09208628	0.049272	0.542829	-1.8422	0.0310186	0.501923	-1.99234	0.368224	0.777544	-1.2861	0.0145349	0.440628	-2.26949	4.93453	5.79236	1.04342	1
cg15239123	0.0209903	1.36774	1.36774	0.00364097	0.641707	-1.55834	0.775948	1.0327	1.0327	0.600931	1.06133	1.06133	4.79262	0.965391	0.179052	1
cg16054651	0.993935	0.996692	-1.00332	0.0574769	0.391904	-2.55164	0.0760225	2.36509	2.36509	0.23192	0.578899	-1.72742	3.96125	11.9258	2.6761	1
cg18493027	0.237948	1.21025	1.21025	0.000407326	0.420171	-2.37998	0.710725	0.944114	-1.05919	0.149318	1.26958	1.26958	6.04588	2.28176	0.335473	1
cg22148695	0.501136	1.27894	1.27894	0.125753	0.550458	-1.81667	0.00013425	10.8473	10.8473	0.000139854	10.6964	10.6964	15.9438	32.7871	1.82792	1
cg19476037	0.775414	1.02737	1.02737	0.043099	1.24568	1.24568	0.0610757	0.819351	-1.22048	1.55E-05	0.430034	-2.3254	15.753	2.22302	0.125437	1
cg11612345	0.550144	0.948345	-1.05447	0.0214841	0.784811	-1.27419	0.000693417	1.57478	1.57478	0.00024692	1.70068	1.70068	15.7295	1.91715	0.10834	1
cg10176110	0.626446	1.12778	1.12778	0.00158034	0.328839	-3.041	0.0275573	1.89426	1.89426	0.225085	1.36664	1.36664	14.3087	13.6194	0.846072	1
cg16572625	0.140145	0.714529	-1.39952	0.000467638	0.31196	-3.20554	0.442583	0.847214	-1.18034	0.000129798	0.244658	-4.08734	13.3314	9.46949	0.631391	1
cg12103547	0.013461	1.24209	1.24209	8.47E-05	1.64974	1.64974	0.00462946	0.765722	-1.30596	0.214532	0.911571	-1.09701	12.7572	1.01437	0.070679	1
cg26912251	0.00686346	0.363487	-2.75113	0.0128171	0.409173	-2.44396	0.0623832	0.545319	-1.83379	0.00105446	0.246444	-4.05771	11.8396	15.6707	1.17652	1
cg09682426	0.801998	0.975294	-1.02533	0.00140898	1.58452	1.58452	0.966118	1.00424	1.00424	0.000662152	0.595055	-1.68052	11.371	1.78516	0.139549	1
cg01289068	0.0160628	1.28714	1.28714	0.00010254	1.80233	1.80233	0.00825392	0.748711	-1.33563	0.243474	1.11021	1.11021	11.0381	1.28299	0.103319	1
cg13517866	0.143268	0.669194	-1.49434	0.1849	0.698322	-1.432	0.191249	0.702332	-1.42383	0.00215624	0.332888	-3.00401	10.6657	11.0155	0.918045	1
cg07500713	0.00419937	1.38037	1.38037	0.0320895	1.235	1.235	0.957588	0.995539	-1.00448	0.199642	1.12066	1.12066	10.3216	1.15528	0.099492	1
cg19926852	0.649401	0.925745	-1.08021	0.0001141	3.13207	3.13207	0.264957	0.822125	-1.21636	0.158686	1.28917	1.28917	9.75834	4.39256	0.400119	1
cg01371493	0.106527	1.36076	1.36076	0.00331604	2.01177	2.01177	0.0179221	1.6534	1.6534	0.688416	1.073	1.073	9.71712	4.70169	0.430095	1
cg08112248	0.553009	1.37379	1.37379	0.442789	1.513	1.513	0.000975331	0.0745759	-13.4092	0.441466	1.51489	1.51489	9.57953	42.4837	3.94208	1
cg15113915	0.00130671	0.362001	-2.76242	0.00471356	0.442536	-2.2597	0.38359	1.21406	1.21406	0.72088	0.925066	-1.081	9.11487	6.80448	0.663578	1
cg21755672	0.778004	1.03286	1.03286	0.00028883	1.96699	1.96699	0.275982	0.878426	-1.1384	0.289666	0.881869	-1.13396	9.05158	1.87566	0.184195	1
cg27513097	0.194709	1.28602	1.28602	0.0856725	1.41673	1.41673	0.562082	1.11348	1.11348	0.304823	0.822945	-1.21515	8.79509	4.68423	0.473419	1
cg22967008	0.0158464	0.491802	-2.03334	0.395259	0.811323	-1.23255	0.122078	0.668692	-1.49546	0.0128932	0.476432	-2.09893	8.6691	7.91831	0.811907	1
cg02499409	0.0242214	1.27135	1.27135	0.000444801	1.64094	1.64094	0.00922871	0.744309	-1.34353	0.560711	1.05397	1.05397	8.59827	1.08734	0.112409	1
cg17354139	0.0342284	0.686772	-1.45609	0.246989	0.831843	-1.20215	0.815329	1.03622	1.03622	0.00751689	0.592613	-1.68744	8.37015	3.06646	0.32565	1
cg26990023	0.731858	0.898606	-1.11284	0.000343672	0.166759	-5.99667	0.680659	0.879298	-1.13727	0.0963979	0.566993	-1.76369	8.27527	12.6624	1.36013	1
cg20045841	0.0165211	1.38972	1.38972	7.11E-05	2.25682	2.25682	0.250203	1.14457	1.14457	0.445636	0.916337	-1.0913	8.02012	1.6041	0.177786	1
cg07979566	0.000295997	0.125017	-7.9989	0.0744323	0.495926	-2.01643	0.0604681	0.47379	-2.11064	0.00634275	0.285389	-3.50399	7.97982	15.7357	1.75283	1
cg26265390	0.502943	1.13608	1.13608	0.00691964	1.92701	1.92701	0.534375	0.88861	-1.12535	0.658216	0.919842	-1.08714	7.92039	4.41824	0.49585	1
cg03853807	0.0409079	0.633063	-1.57962	0.0299357	1.64026	1.64026	0.424756	1.17109	1.17109	0.000498086	0.34802	-2.8734	7.70588	4.58128	0.52846	1
cg03566814	0.318016	1.17254	1.17254	0.0047538	1.78283	1.78283	0.390635	1.14529	1.14529	0.095307	0.753796	-1.32662	7.52676	2.83526	0.334836	1
cg01442550	0.644961	0.841426	-1.18846	0.00602464	0.263092	-3.80095	0.159909	1.74855	1.74855	0.00813992	0.283505	-3.52727	6.76024	14.8263	1.94948	1
cg23871367	0.0744487	0.620783	-1.61087	0.18406	0.713164	-1.4022	0.147145	0.688526	-1.45238	0.011406	0.467835	-2.13751	6.57792	5.99543	0.810176	1
cg18800641	0.0800618	0.49259	-2.03009	0.410849	1.35883	1.35883	0.0556883	0.453604	-2.20456	0.0186599	0.353599	-2.82806	6.50997	13.7066	1.87154	1
cg14697125	0.42515	1.15781	1.15781	0.498943	1.13145	1.13145	0.741575	0.942198	-1.06135	0.0121777	0.570008	-1.75436	6.39805	3.28019	0.45572	1
cg04337342	0.0622409	1.68925	1.68925	0.0311632	0.531687	-1.8808	0.0105377	2.23398	2.23398	0.206862	1.39446	1.39446	6.34712	6.27158	0.87831	1
cg25599473	0.834406	1.1451	1.1451	0.738838	1.2418	1.2418	0.00207326	0.0604185	-16.5512	0.900659	1.08419	1.08419	6.32747	41.9821	5.89768	1
cg15393304	0.0882487	0.724415	-1.38042	0.230065	1.24088	1.24088	0.538609	0.898788	-1.11261	0.14281	0.763418	-1.3099	6.08343	2.83025	0.413546	1
cg16250472	0.0246726	0.364054	-2.74684	0.0344113	0.393794	-2.5394	0.593249	0.815752	-1.22586	0.0146324	0.321275	-3.11259	6.08276	13.7445	2.00853	1
cg24438135	0.0267799	1.4083	1.4083	0.000342077	2.12231	2.12231	0.601994	0.93364	-1.07108	0.900009	1.01654	1.01654	6.02461	1.62475	0.23972	1
cg01310118	0.0549022	0.755519	-1.32359	0.271905	1.15868	1.15868	0.260663	0.859777	-1.16309	0.892419	1.01758	1.01758	5.98631	1.57233	0.233471	1
cg14253388	0.124757	0.713049	-1.40243	0.0847661	1.47394	1.47394	0.0890216	0.68271	-1.46475	0.085906	0.679612	-1.47143	5.90277	3.87175	0.583041	1
cg25966300	0.0505616	0.688141	-1.45319	0.00612405	1.82222	1.82222	0.313148	0.839455	-1.19125	0.204275	0.798735	-1.25198	5.88228	2.62149	0.396141	1
cg14806083	0.903435	1.0595	1.0595	0.88733	0.934723	-1.06984	0.00143341	0.111338	-8.98168	0.930208	0.959146	-1.04259	5.8348	20.953	3.19204	1
cg16053651	0.85158	0.972252	-1.02854	0.0287889	1.47314	1.47314	0.296817	0.850009	-1.17646	0.146569	0.791277	-1.26378	5.71453	2.04285	0.317763	1
cg11041060	0.0579423	1.73459	1.73459	0.031143	0.522075	-1.91543	0.106582	0.635871	-1.57265	0.254288	0.736482	-1.35781	5.58758	5.84274	0.92948	1
cg17802216	0.0545623	1.50932	1.50932	0.0295314	1.62211	1.62211	0.0879097	0.700808	-1.42692	0.918094	0.980771	-1.01961	5.54941	3.13164	0.501617	1
cg19641625	0.379161	0.8453	-1.18301	0.840383	1.03828	1.03828	0.502576	0.880955	-1.13513	0.421977	0.858304	-1.16509	5.40244	2.96899	0.488501	1
cg02129017	0.679855	0.942273	-1.06126	0.0066325	1.65685	1.65685	0.682308	1.06075	1.06075	0.737833	0.953002	-1.04932	5.3242	1.73145	0.28907	1
cg00729995	0.0254146	1.53017	1.53017	0.00876942	1.70665	1.70665	0.517603	1.11076	1.11076	0.754446	0.950999	-1.05153	5.31302	2.15749	0.360957	1
cg16071691	0.125546	1.28307	1.28307	0.23106	0.827883	-1.2079	0.193639	0.813184	-1.22973	0.119676	0.775802	-1.28899	5.16678	1.84981	0.318239	1
cg11456412	0.378156	0.745556	-1.34128	0.654758	0.864024	-1.15738	0.103502	1.78284	1.78284	0.00397925	0.284429	-3.51582	5.14512	8.5926	1.48449	1
cg04467832	0.0122223	1.5241	1.5241	0.00459244	1.66409	1.66409	0.673546	1.05886	1.05886	0.218858	0.839826	-1.19072	5.1405	1.48346	0.256517	1
cg20686918	0.0180743	1.89845	1.89845	0.110815	1.47382	1.47382	0.263748	0.770993	-1.29703	0.431396	0.835877	-1.19635	5.02691	3.96786	0.701621	1
cg05621218	0.0628265	1.94734	1.94734	0.00632121	3.1024	3.1024	0.0306967	2.24396	2.24396	0.0699829	1.90614	1.90614	4.98646	8.00622	1.42719	1
cg22911934	0.506595	0.899026	-1.11231	0.0104504	1.66393	1.66393	0.00475852	0.553154	-1.80781	0.139495	0.777873	-1.28556	4.89448	1.93424	0.351278	1
cg07235599	0.0545905	0.581953	-1.71835	0.690278	0.905342	-1.10456	0.0667762	0.600338	-1.66573	0.00853207	0.434619	-2.30086	4.76576	4.65252	0.867768	1
cg25544935	0.269168	1.161	1.161	0.00262425	1.71662	1.71662	0.566465	0.927583	-1.07807	0.582753	1.07463	1.07463	4.69526	1.25143	0.236916	1
cg08495245	0.454341	0.819442	-1.22034	0.00331823	0.351759	-2.84285	0.458619	1.21796	1.21796	0.397738	0.797525	-1.25388	4.59913	4.97273	0.961097	1
cg15812139	0.0503853	0.506392	-1.97475	0.0562355	0.517042	-1.93408	0.237164	0.685341	-1.45913	0.21251	0.669912	-1.49273	4.55677	6.71753	1.31039	1
cg00157439	0.22544	1.4456	1.4456	0.0930403	1.70727	1.70727	0.109868	0.603804	-1.65617	0.889242	0.960466	-1.04116	4.47408	5.93788	1.17971	1
cg24652281	0.0338817	0.453654	-2.20432	0.319078	0.719937	-1.38901	0.0898409	0.550639	-1.81607	0.0897772	0.550561	-1.81633	4.28011	6.90306	1.43362	1
cg18943033	0.132482	1.27912	1.27912	0.611539	0.925272	-1.08076	0.345556	0.863024	-1.15872	0.0545655	0.718419	-1.39195	4.24109	1.54459	0.32373	1
cg00040466	0.945257	1.0105	1.0105	0.00278123	1.87257	1.87257	0.33163	1.16459	1.16459	0.743977	1.05111	1.05111	4.23819	1.55323	0.325763	1
cg03101413	0.0139682	2.33511	2.33511	0.223782	0.699751	-1.42908	0.0230514	2.13661	2.13661	0.259019	1.38952	1.38952	4.20088	5.19185	1.09857	1
cg13705956	0.399152	1.18782	1.18782	0.746651	0.937408	-1.06677	?	?	?	0.026935	0.593052	-1.68619	4.26929	2.38984	0.559775	1
cg17772793	0.885403	0.946228	-1.05683	0.422922	1.3685	1.3685	0.819147	0.915966	-1.09174	0.00439813	0.232835	-4.29488	4.14102	9.63424	2.06803	1
cg02816729	0.487766	0.772736	-1.2941	0.0451482	0.431451	-2.31776	0.275699	1.51394	1.51394	0.033803	2.4754	2.4754	4.03627	8.5504	1.88302	1
cg16588799	0.207057	0.82072	-1.21844	0.00212622	1.89857	1.89857	0.887028	1.02133	1.02133	0.793462	1.03973	1.03973	3.9918	1.39391	0.310393	1
cg17323040	0.390659	0.758645	-1.31814	0.0740237	1.86871	1.86871	0.049351	0.494386	-2.02271	0.825189	0.932889	-1.07194	3.8435	6.00318	1.38836	1
cg00415782	0.00987863	0.616054	-1.62323	0.029197	1.46497	1.46497	0.276466	1.18317	1.18317	0.0589244	0.728369	-1.37293	3.53205	1.23507	0.310824	1
cg24472495	0.0702271	0.499409	-2.00237	0.178212	1.63357	1.63357	0.58379	0.827115	-1.20902	0.138223	0.578346	-1.72907	3.52373	6.56861	1.65698	1
cg09499136	0.14846	0.35682	-2.80253	0.0171276	0.144872	-6.90265	0.0418072	0.210148	-4.75855	0.0580911	0.240721	-4.15419	3.49711	24.4846	6.22346	1
cg14329365	0.190307	0.743048	-1.34581	0.65657	1.10057	1.10057	0.244124	1.29814	1.29814	0.150648	0.71903	-1.39076	3.47335	2.52228	0.645492	1
cg11172857	0.18282	0.874405	-1.14364	0.371946	1.09093	1.09093	0.517551	0.93961	-1.06427	0.446426	0.928967	-1.07646	3.43478	0.490354	0.126899	1
cg23346787	0.815579	1.04376	1.04376	0.0514347	1.50159	1.50159	0.605096	1.10035	1.10035	0.132433	0.742558	-1.3467	3.40981	1.81501	0.473146	1
cg02540477	0.129535	0.823389	-1.21449	0.000232903	0.484594	-2.06358	0.469374	0.91637	-1.09126	0.0325933	1.34548	1.34548	8.30342	1.85133	0.198186	1
cg13445891	0.285438	1.05995	1.05995	0.491401	0.963988	-1.03736	0.262593	1.06321	1.06321	0.310373	0.946405	-1.05663	17.381	0.758091	0.0387699	1
cg07472708	0.02527	0.539587	-1.85327	8.20E-05	0.192771	-5.18749	0.781664	0.937596	-1.06656	0.00604179	0.435291	-2.29732	11.2338	9.57	0.757238	1
cg03408497	0.97886	0.996016	-1.004	0.00541131	0.576063	-1.73592	0.00120046	0.489251	-2.04394	0.0131649	0.629317	-1.58903	10.092	3.62803	0.319552	1
cg26478215	0.0284884	1.36968	1.36968	0.00136953	1.75979	1.75979	0.282507	1.14556	1.14556	0.581418	1.07011	1.07011	7.03255	1.64935	0.208472	1
cg02813644	0.359087	0.779261	-1.28327	0.00298429	0.340465	-2.93716	0.173791	0.681999	-1.46628	0.959095	0.986526	-1.01366	6.43774	7.13245	0.984811	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
gp66636077	SMOX;SMOX;SMOX;SMOX	0.00915429	0.686619	0.943421	-1.05997	1.00120208	0.494023	-2.0242	0.635188	1.07363	1.07363	0.00320543	1.81852	1.81852	0.20299	1.22112	1.22112	0.633395	0.931065	-1.07404	0.07441103	0.7439	-1.34427	0.243186	0.834027	-1.199	0.757269	1.04716	1.04716	0.07947	2.12752	0.311067	1
gp20604317	SMOX;SMOX;SMOX;SMOX	0.012907	0.309577	0.929724	-1.07559	1.0930888	1.17996	1.17996	0.223443	0.915175	-1.09269	0.0868042	1.14005	1.14005	0.191712	0.908667	-1.10051	0.318409	0.931032	-1.07408	0.007430088	0.7012651	-1.426	0.947208	0.995422	-1.0046	0.269528	1.08286	1.08286	0.54289	0.413966	0.0676056	1
gp12223105	SMOX;SMOX;SMOX;SMOX	0.0139621	0.0754389	1.42799	1.42799	0.756698	1.05754	1.05754	0.00998999	1.79594	1.79594	0.0386692	1.53889	1.53889	0.73337	1.06348	1.06348	0.308003	1.20918	1.20918	0.00223158	0.4626516	-2.16162	0.330878	0.834769	-1.19794	0.667698	0.925201	-1.08085	5.30461	2.72225	0.456164	1
gp21038957	SMOX;SMOX;SMOX;SMOX	0.0167031	0.0352164	0.559802	-1.78606	0.0190405	0.12816	2.12816	0.0104551	2.14307	2.14307	0.731175	0.921678	-1.08498	0.137179	0.684805	-1.46026	0.339204	0.792196	-1.26207	0.0544397	0.5968357	-1.67544	0.110047	0.662384	-1.5097	0.389667	0.811825	-1.23179	4.99883	4.42782	0.787352	1
gp08330853	SMOX;SMOX;SMOX;SMOX	0.0268896	0.985217	1.0029	1.0029	0.196229	0.964917	-1.03636	0.725612	1.05664	1.05664	0.0227608	0.65297	-1.53146	0.415504	0.877976	-1.13898	0.730431	0.947354	-1.05557	0.000968823	0.4639986	-2.15524	0.509407	0.900639	-1.11032	0.132077	1.28936	1.28936	4.24721	1.64466	0.344208	1
gp02449604	SMOX;SMOX;SMOX;SMOX	0.0342041	0.0221987	0.202459	-4.93927	0.0350936	0.23924	-4.1799	0.019674	0.19367	-5.16343	0.108713	0.360865	-2.77112	0.0346122	0.238045	-4.20086	0.0628739	0.295466	-3.38449	0.00734767	0.1335584	-7.4859	0.0234625	0.200674	-4.83854	0.155787	0.412818	-2.42237	1.89941	20.9616	4.7783	1
gp01433297	SMOX;SMOX;SMOX;SMOX	0.0430276	0.0732872	0.303425	-3.29571	0.0106553	0.147009	-6.80232	0.477237	0.6495145	-1.53961	0.910129	0.934798	-1.06975	0.0389463	0.239959	-4.16738	0.248242	0.486382	-2.056	0.00418829	0.1001187	-9.98272	0.0605339	0.282603	-3.53853	0.147456	0.395289	-2.5298	3.585	20.2452	5.01975	1
gp20770311	SMOX;SMOX;SMPD1;SMPD1	0.0188909	0.534229	0.597325	-1.68076	0.1048339	1.14305	1.14305	0.0167684	1.43353	1.43353	0.121775	0.821307	-1.22895	0.00712466	0.515544	1.515544	0.836547	1.02581	1.02581	0.00655746	1.628712	0.157986	1.13581	1.13581	0.585554	1.02029	1.070239	4.79639	1.15624	0.214281	1
gp05752563	SMPD2;PYHIL6;PYHL6	0.013935	0.744385	1.04973	1.04973	0.569165	0.921902	-1.08471	0.103603	0.79848	-1.25238	0.513842	0.910673	-1.09806	0.191502	0.798724	-1.252	0.489554	0.905554	-1.1043	0.000193833	0.4120982	-2.42661	0.850079	0.91276	1.0271	0.0834899	0.762802	1.31096	5.30799	1.76918	0.281199	1
gp14376813	SMPD2;SMPD2;PPIL6;PPIL6	0.00655276	0.650685	0.90246	-1.10808	0.7840041	1.06381	1.06381	0.000434279	0.2858812	-3.4988	0.557424	0.874953	-1.14292	0.713166	1.08661	1.08661	0.152727	1.41173	1.41173	0.0021416	0.3787546	-2.64029	0.448355	1.19001	1.19001	0.3617119	1.23502	1.23502	6.75241	5.4209	0.713608	1
gp08371222	SMPD3	0.0053354	1.157634	1.3607	1.3607	0.1766222	1.35424	1.35424	0.0001788	1.166753	1.166753	0.00074719	1.283742	1.283742	0.0162705	1.167447	1.167447	2.882431	1.162725	1.162725	0.0001788	1.166753	1.133358	1.133358	1.133358	0.0006886	1.194896	1.108553	1.14062	1.92399	2.43691	0.6160771	1.119755	0.5848999	1
gp06106242	SMPD3	0.0019284	0.245028	0.735177	-1.36022	0.00028637	5.3874	5.3874	0.164706	1.156218	1.56262	1.562	0.437898	0.818574	-1.22164	0.997909	1.00066	1.00066	0.06835551	1.596739	-1.67577	0.0050298	0.399112	-2.55676	0.0791376	0.610931	-1.63684	0.0910736	0.6251441	-1.59964	0.954352	9.87873	0.9010558	1
gp02593381	SMPD3	0.0002056	0.0046622	-2.45929	0.8988644	1.0196	1.0196	0.1838983	1.272552	1.272552	0.0545447	0.7168869	-1.39496	0.36633	0.8679916	-1.15218	0.2950766	0.0787224	0.742283	1.3472	0.0675244	0.7662774	1.36626	0.0677224	1.320823	1.320823	0.0203724	0.653737	-1.52967	7.665841	2.82755	0.3297971	1
gp04703197	SMPD3	0.0056210	0.627834	0.922427	-1.0841	0.000775351	0.431352	-2.31829	0.0331631	0.662574	-1.50926	0.230346	1.23122	1.23122	0.0412289	1.47586	1.47586	0.078729	1.3809	1.3809	0.0131296	1.6767	1.6767	0.794096	0.957687	-1.04418	0.38706	0.863682	-1.15783	7.080031	3.06362	0.3846331	1
gp17217677	SMPD3	0.0016813	0.0314153	1.93091	1.93091	0.0062105	2.0889	2.0889	0.139728	1.39129	1.39129	0.00462689	1.28795	1.28795	0.000905631	2.80537	2.80537	0.406275	0.8381153	1.9301	0.625536	1.107061	1.40566	0.0445046	0.837946	-1.19339	0.81979	0.953687	-1.04856	6.37662	4.70123	0.607959	1
gp26899718	SMPD3	0.0100064	0.0747509	0.588632	-1.72167	0.3384177	0.945646	-1.05748	0.423625	0.799566	-1.25068	0.752275	1.00094	1.00094	0.0355978	0.319436	-2.49027	0.0092148	0.4940656	0.6994	0.0059324	0.5009587	1.99556	0.0156244	0.629837	-1.65061	0.0400395	0.522292	-1.91464	5.00947	7.01178	1.05471	1
gp19297232	SMPD3	0.0101109	0.0007183881	8.67714	8.67714	0.00245402	5.86199	5.86199	0.575716	0.7887434	-1.26784	0.149234	1.91383	1.91383	0.8725597	0.934862	-1.06968	0.27947	0.623809	-1.60305	0.540726	0.7711137	-1.29682	0.20336	1.75687	1.75687	0.560314	1.28039	1.28039	5.88979	16.432	2.47992	1
gp04464276	SMPD3	0.0128424	0.124725	1.45913	1.45913	0.1306614	0.6900011	-1.44925	0.0910684	1.52673	1.52673	0.100383	1.50407	1.50407	0.0649009	0.897372	0.97109	-1.02977	0.70137	1.09154	1.09154	0.000639828	0.3008449	-3.29228	0.8823869	0.96704	-1.03408	0.2135833	1.34464	1.34464	5.45182	4.4624	0.72757	1
gp27045405	SMPD3	0.0143752	0.633146	1.19373	1.19373	0.577535	2.06201	2.06201	0.0160694	1.83791	-2.95937	0.152666	1.75788	1.75788	0.00191759	0.319436	-2.49027	0.0299607	0.390477	-2.56097	0.1179851	0.5918313	-1.68972	0.875055	1.05966	1.05966	0.578019	0.813067	-1.22991	5.25397	11.2846	1.90918	1
gp05430886	SMPD3	0.0232791	0.352134	0.83332	-1.20002	0.0663461	0.675609	-1.48015	0.0498059	0.653204	-1.53091	0.885686	0.696479	-1.43579	0.232197	0.787735	-1.26946	0.791135	0.950711	-1.05184	0.000426864	0.3457362	-2.89238	0.445598	0.862374	-1.15959	0.627935	0.911195	-1.09746	4.46624	2.56506	0.510509	1
gp04683738	SMPD3	0.0252066	0.115022	0.562857	-1.77645	0.2328436	0.397	-2.51775	0.0137955	0.344928	-2.89916	0.0354883	2.2727	2.2727	0.133358	0.58103	-1.72114	0.58881	0.832792	-1.20078	0.3174648	0.7364	-1.35795	0.7602002	0.902473	-1.10807	0.43477	0.773864	-1.29222	1.58323	1			
gp23758485	SMPD3	0.025308	0.50111	0.864373	-1.15691	0.4339132	1.18581	1.18581	0.859935	1.03842	1.03842	0.0403256	1.65795	1.65795	0.0216159	1.80177	1.80177	0.11488	0.693532	-1.44189	0.00306649	0.4755651	-2.10238	0.0792188	0.512984	0.964625	-1.03667	0.438371	0.330709	0.643418	1			
gp05676789	SMPD3	0.0479955	0.154603	1.54082	1.54082	0.726437	1.19799	1.19799	0.340115	0.87785	1.07285	0.207857	1.29054	1.29054	0.2805858	1.282668	1.282668	0.0809472	0.88566	1.12902	0.0809472	0.88566	1.12902	0.0155244	1.42872	1.42872	0.6054911	0.5059987	0.707226	-1.41349	0.518406	2.2739	0.519406	1
gp07735969	SMPD3	0.0362528	0.0507006	0.664141	-1.5057	0.77564	0.94883	-1.05393	0.0913588	0.710512	-1.40743	0.570404	0.88995	-1.11117	0.91664	1.01943	1.01943	0.0279486	1.61186	1.61186	0.00707729	1.89598	1.89598	0.477139	1.1421	1.1421	0.357431	0.840232	-1.19002	3.818111	2.04328	0.475693	1
gp03956267	SMPD3;SMPD4;SMPD4;SMPD4;FAM123BB;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4	0.020645	0.36745	0.787236	-1.27027	0.00858774	2.37776	2.37776	0.295303	1.32372	1.32372	0.291125	1.32719	1.32719	0.651728	0.889222	-1.12458	0.112733	0.64011	-1.56223	0.0052631	0.386423	-2.58784	0.638175	1.1302	1.1302	0.0707707	1.68492	1.68492	4.65402	4.92155	0.939986	1
gp03956267	SMPD4;SMPD4;SMPD4;SMPD4;FAM123BB;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4	0.020645	0.36745	0.787236	-1.27027	0.00858774	2.37776	2.37776	0.295303	1.32372	1.32372	0.291125	1.32719	1.32719	0.651728	0.889222	-1.12458	0.112733	0.64011	-1.56223	0.0052631	0.386423	-2.58784	0.638175	1.1302	1.1302	0.0707707	1.68492	1.68492	4.65402	4.92155	0.939986	1
gp14058584	SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;FAM123BB;SMPD4;FAM123BB;SMPD4;SM	0.0294434	0.126041	0.67329	-1.48524	0.345482	0.792798	-1.26136	0.0741715	1.60882	1.60882	0.98428	0.995303	-1.00472	0.93247	1.02046	1.02046	0.907711	0.972667	-1.0281	0.00464217	0.4066336	-2.4592	0.00874052	0.450109	-2.22169	0.3550558	1.25527	1.25527	4.11407	3.72101	0.803964	1
gp07774142	P04;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;	0.031507	0.0132954	0.74798	0.431824	1.69187	1.69187	0.0974952	0.293036	3.29306	?	?	?	?	?	?	?	0.00383608	12.8639	12.8639	0.615468	0.7172528	-1.39367	0.07185668	3.73272	3.73272	0.40251	1.75339	1.75339	4.16659	22.0495	6.04797	1
gp08409165	SMPD4;SMPD4	0.0138778	0.0490254	0.358468	-2.78965	0.0861496	0.420798	-2.37644	0.0328074	0.319848	-3.12648	0.51626	0.740475	-1.35048	0.0486968	0.357786	-2.79497	0.938467	0.965368	-1.03587	0.00188743	0.133868	-7.47004	0.486899	0.724351	-1.38055	0.0374621	0.332138	-3.01079	3.91291	12.9152	2.93392	1
gp16938369	SMPD4;SMPD4;FAM123BB;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;	0.0231254	0.00885516	0.359816	-2.7792	0.00561982	0.327844	-3.05023	0.546017	0.829073	-1.20617	0.430137	0.781092	-1.28026	0.0605213	0.522416	-1.91418	0.0800685	0.55114	-1.81442	0.00267149	0.279721	-3.57499	0.263276	0.699224	-1.43016	0.114601	0.590698	-1.69291	4.47645	6.67265	1.32499	1
gp09204187	SMPD4;SMPD4;FAM123BB;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;	0.0389192	0.0114644	0.270576	-3.69582	0.0261595	0.336105	-2.97526	0.282889	0.630592	-1.58581	0.786374	0.893811	-1.1188	0.0195011	0.311384	3.21147	0.145289	0.523991	-1.90843	0.30227	0.642994	-1.55523	0.00584435	0.225087	-4.44274	0.0758523	0.441985	-2.26252	3.72042	10.1624	2.40413	1
gp02271677	SMPD4;FAM124BB	0.0191613	0.00707496	0.712125	-1.40425	0.360179	0.912321	-1.09611	0.384791	0.91675	-1.09081	0.803769	1.02458	1.02458	0.850288	0.850832	-1.17532	0.653297	0.956853	-1.04509	0.000538799	0.591526	-1.69054	0.20535	0.877801	-1.13921	0.264848	0.892833	-1.12003	4.77339	0.719339	0.133954	1
gp04258335	SMPD3LA	0.00597873	0.400027	0.56657	-1.76487	0.0004729	0.647479	-1.54481	0.0703281	0.742128	-1.34707	0.0158	1.07167	-1.07167	0.843404	0.851137	-1.17433	0.00208349	0.215441	-4.64171	0.0004756	0.2104677	-4.75147	0.155141	0.940755	1.07057	1.07057	1.70754	0.735797	0.929355	-1.07601	6.94678	0.514891	0.6568839	1
gp22401066	SMPD3LA	0.0130639	0.657469	0.875201	-1.14259	0.0535163	0.512929	-1.94959	0.619798	1.16118	1.16118	0.0053201	0.317831	-3.14632	0.885657	1.04388	1.04388	0.655379	0.874429	-1.1436	0.00479558	0.22127	3.22127	0.345976	1.33768	1.33768	0.0173381	2.44119	2.44119	6.11491	8.44284	1.07388	1
gp14705163	SMPD3LA	0.035415	0.72568	0.949038	-1.05195	0.8999	1.0009	1.0009	0.0079	1.26548	1.26548	0.0866904	0.844681	-1.18398	0.0103267	0.790744	-1.26463	0.0404819	0.715485	-1.39769	0.1774966	0.8789312	-1.13891	0.1434682	0.858183	-1.16437	0.14248	1.09156	1.48092	0.5174411	0.112214	1			
gp27448015	SMPD3LA	0.0395524	0.238759	1.4361	-1.44677	0.197819	1.03363	1.03363	0.802437	1.0616	1.0616	0.7157912	1.09109	1.09109	0.0951006	0.637813	1.56786	0.221504	0.7344	-1.36166	0.00092821	0.2836629	-3.52573	0.213754	0.730097	-1.36968	0.1042008	0.664538	1.5048	0.40401	1.56013	0.685324	1			
gp10242775	SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;SMPD3LB;	0.00967179	0.964324	0.993719	-1.00632	0.590002	1.07964	1.07964	0.000593383	0.4737857	-2.11066	0.824408	1.0318	1.0318	0.171979	1.22728	1.22728	0.111246	0.783194	-1.27682	0.508805	0.909909	-1.09901	0.00297245	0.563148	-1.77573	0.940472	0.989535	-1.01058	5.97596	1.87725	0.279324	1
gp22339091	8	0.0246784	0.612767	-1.4744	0.520383	0.839931	-1.19057	0.872482	0.957906	-1.04394	0.00800449	0.387309	3.87309	0.13107	0.646314	-1.54724	0.847569	0.949783	-1.05287	0.186708	0.687473	-1.4546	0.800441	1.07016	1.07016	0.487346	0.827851	-1.20795	4.37688	4.96878	1.0091	1
gp20137559	SMPX	0.00013759	5.21E-05	0.6915549	-10.923	0.000440294	0.173029	-5.77936	0.00270769	0.271536	-3.68221	0.076202	0.536075	-1.86541	0.000127549	0.121737	-8.21508	0.84929	0.941653	-1.06193	0.9867	1.01345	-1.01712	0.00464892	0.304328	-3.28593	0.000601597	0.207768	-5.01571	20.3253	32.549	1.40598	1
gp04489366	SMPX	0.00260303	0.981294	1.01725	1.00834	0.192879	0.620929	-1.61049	0.00889912	0.316307	-3.16149	0.00849129	0.312946	-3.19564	0.000168118	0.109225	-9.15705	0.182712	1.63064	1.63064	0.232557	1.54173	1.54173	0.724653	0.884959	-1.13	0.0584056	0.206973	2.09493	8.92826	16.9093	1.68347	1
gp24805886	SMPX	0.0076834	0.277683	0.710315	-1.40783	0.35839	0.75144	-1.3313	0.0377884	0.481952	-2.07489	0.0225326	0.436998	-2.28834	0.000260519	0.162085	-6.1696	0.150804	0.627169	-1.59447	0.0600164	0.190881	1.90188	0.86794	0.950828	-1.05172	0.277009	0.709946	-1.40856	6.42153	9.34201	1.29343	1
gp08859323	SMPX	0.0146722	0.71254	0.89772	-1.11401	0.0518	0.2058	2.0518	0.0139527	1.19261	1.19261	0.0223527	0.838	-1.19312	0.0152373	0.838	-1.19312	0.0270407	1.0227	1.0227	0.0045624	0.2	2.0	0.196195	1.0161	1.0161	0.196195	0.251729	0.745702	1.34328	1.34328	6.48423	1			
gp16168153	SMPX	0.015398	0.579767	1.20443	1.20443	0.822646	0.928059	-1.07752	0.138204	0.588113	-1.70035	0.58437	0.832179	-1.20166	0.000993275	0.196571	-5.08721	0.0326323	2.2968	2.2968	0.8899259	1.86195	1.86195	0.353219	1.37393	1.37393	0.2760393	1.45764	1.45764	5.13598	8.99637	1.55701	1
gp16502355	SMPX	0.0059627	0.844801	-1.18373	0.2298911	0.669541	-1.49356	0.0883556	0.550695	-1.81589	0.0065367	0.324613	-3.08059	0.0939587	0.313355	-3.19152	0.0262756	0.0726166	1.89239	1.89239	0.597177	1.67433	1.18481	0.833537	0.935177	-1.06932	0.4830854	0.773889	-1.29218	4.05005	0.53279	1.142763	1
gp10789170	SMPX	0.0379889	0.946448	0.970615	-1.03027	0.935876	1.03637	1.03637	0.669308	0.841187	-1.1888	0.0925781	0.230754	-4.33362	0.0172542	0.275842	0.7258308	0.3625217	0.965028	1.03606	0.0800886	0.2211177	-4.52127	0.969018	1.017739	1.01739	0.106687	0.457449	-2.18604	0.73534	0.711798	2.77541	1			
gp19002579	SMPX;SMPX	0.00076210	0.404723	1.23125	1.23125	0.0711482	0.611493	-1.63534	0.106055	0.650042	-1.53836	0.00333588	0.377263	-2.65067	2.23E-05	0.139107	-7.18871	0.0256339	0.523663	-1.90962	0.000771007	0.2887071	-3.46372	0.276544	1.31807	1.31807	0.0581118	0.592085	-1.68638	12.7043	11.9798	0.838199	1
gp27013947	SMPX;SMPX	0.0404245	0.667604	1.08396	1.08396	0.413773	0.450523	-2.21949	0.0499596	0.616491	-1.62178	0.0164554	0.239892	-4.16911	0.0096411	0.2388502	-4.18691	0.0700542	0.541652	-1.84597	0.029611	0.3704447	-2.69977	0.0756121	0.809853	-1.23507	0.0218778	0.439746	-2.27404	3.57121	0.865	1.2258	1			
gp03300099	SMR3A	4.32E-05	8.07E-07	0.0327347	-30.5486	0.0289378	0.608457	-1.6435	0.000112878	0.172878	-5.78442	0.0149136	0.456747	-2.1894	0.0216244	0.490003	-2.04081	0.00750994	0.4105	2.43606	0.0039137	0.3660071	-2.73171	0.338999	0.77489	-1.29051	0.000156979	0.187542	-5.33215	27.668	29.3439	0.942729	1
gp18101028	SMR3A	0.0002597	0.000269782	3.70756	3.70756	0.0134223	0.501036	-1.99594	0.0011288	0.541581	1.84901	0.0015828	0.279041	-3.58371	0.0035795	0.2002366	-4.99344	0.0644154	0.355112	2.81683	0.0003759	0.2660366	-3.75966	0.0194358	0.719428	-1.3894	0.0040168	0.183924	-5.43644	0.64968	0.4152992	1.56423	1			
gp19138214	SMR3B	3.64E-06	3.31E-07	0.0710381	-14.077	0.647941	1.08545	1.08545	1.29E-05	0.195025	-5.12765	1.87E-05	0.211412	-4.73011	0.878812	0.973153	1.02759	0.0930032	0.7192	1.39043	0.000162298	0.31725	-3.15209	0.254149	0.808654	-1.23662	2.28E-06	0.127673	7.8325	52.6881	26.546	0.447851	1
gp11010344	SMRB	0.00112785	0.000194052	0.138019	-7.24539	0.503808	0.813702	-1.22895	0.00277751	0.285507	-3.50255	0.756966	0.909979	-1.09893	0.000266081	0.162134	-6.16773	0.310142	1.37596	1.37596	0.304314	0.813906	-1.22864	0.200019	1.50893	1.50893	0.0366602	0.478162	-2.09134	11.371	16.6315	1.30011	1
gp07126637	SMRB	0.0249861	0.0731254	0.39972	-2.50211	0.656054	0.803158	-1.24446	0.16504	0.605252	-1.65192	0.0259258	0.374847	-2.66839	0.0191958	0.520979	-1.91993	0.201853	0.518161	-1.92987	0.0204876	0.191141	-5.23175	0.0893117	0.515655	-1.7213	0.0248926	0.271851	-3.67848	4.38308	16.4308	3.35128	1
gp16349029	SMS	0.0030932	0.286359	0.813977	-1.22854	0.652036	0.918641	-1.08856	0.000808874	0.390856	-2.55849	0.00195243	0.442975	-2.25746	0.000683825	0.382107	-2.62325	0.141988	0.745654	-1.3411	0.506175	1.1336	1.1336	0.0127368	0.562478	-1.77785	0.0162287	0.578951	-1.72726	8.48071	4.64178	0.48652	1
gp09483847	SMS	0.0037488	0.898557	1.0081	-1.01853	0.8316	1.08316	1.08316	0.0150695	1.815589	0.0065367	0.324613	-3.08059	0.0939587	0.313355	-3.19152	0.0262756	0.0726166	1.89239	1.89239	0.597177	1.67433	1.18481	0.833537	0.935177	-1.06932	0.4830854	0.773889	-1.29218	4.05005	0.53279	1.142763	1
gp23161359	SMS	0.0207054	0.0149882	0.272463	-3.67022	0.20999	0.563057	-1.77602	0.0607429	0.398855	-2.50718	0.93523	1.03597	1.03597	0.702754	0.627394	1.5939	0.0962094	0.45191	-2.21264	0.0044727	0.1924	-5.19752	0.0315756	0.299209	2.99209	0.0884556	0.441681	2.26408	0.64938	13.9186	2.66101	1
gp05155058	SMS	0.0228864	0.00848174	0.137513	-7.27206	0.0642051	0.292893	-3.41422	0.685047	0.786029	-1.27222	0.236555	0.48081	-2.07982	0.0545532	0.275894	-3.62458	0.176014	0.427642	-2.33841	0.00118472	0.0603466	-16.5709	0.924439	0.945527	-1.05761	0.04970589	0.266645	-3.7503	4.49238	24.8049	4.90805	1
gp07772910	SMR3B;SMTN;SMTN	7.36E-05	0.0007604	-1.96586	-1.61373	0.0193743	1.6219	1.6219	0.378841	1.10245	0.000543375	0.349843	2.85843	0.351E-06	0.0001744	-2.26479	0.0085734	0.0085734	0.51562	-1.9247	0.0115978	0.17202	-5.81577	0.7572738	-1.32848	0.000143838	0.278098	3.59586	24.0238	24.5239	0.53799	1			
gp06894032	SMTN;SMTN;SMTN;SMTN;SMTN	0.0002938	0.0727081	0.834047	-1.19897	0.000893887	1.5696	1.5696	0.161826	0.873374	-1.14498	0.002059	0.67473	-1.48207	0.625035	0.145651	0.04565	0.033261	0.798089	-1.25299	0.4985	0.0145	2.0145	1.2046	1.2046	0.00188003	0.668717	-1.4954	16.5444	2.15239	0.115642	1
gp17640393	SMTN;SMTN;SMTN;SMTN;SMTN	0.0084119	0.00302552	0.2	0.2	0.1342213	0.501036	1.99594	0.0011288	0.541581	1.84901	0.0015828	0.279041	-3.58371	0.0035795	0.2002366	-4.99344	0.0644154	0.355112	2.81683	0.0003759	0.2660366	-3.75966	0.0194358	0.719428	-1.3894	0.0040168	0.183924	-5.43644	0.64968	0.4152992	1.56423	1			
gp17402397	SMTN;SMTN;SMTN;SMTN;SMTN	0.00191772	0.0012828	0.191838	-5.21273	0.00276534	0.233888	-4.27556	0.00683094	0.291338	-3.43244	0.00914645	0.311851	-3.20666	0.00142106	0.196928	0.078	0.0365497	0.425199	2.35184	0.00132981	0.193474	-5.16864	0.00108915	0.183329	-5.45467	0.0235236	0.385923	-2.59119	0.76053	19.1506	1.74404	1
gp22939709	SMT

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02639714	SMYD2	0.0187429	0.311999	0.838238	-1.19298	0.531242	1.11293	1.11293	0.0045483	1.89199	1.89199	0.00781118	0.562098	-1.77905	0.195598	0.793808	-1.25975	0.505309	0.892224	-1.12079	0.0309638	0.652238	-1.53318	0.127086	0.757012	-1.32098	0.697282	0.936179	-1.06817	4.80915	2.16787	0.400694	1
cg13552389	SMYD2	0.0232616	0.0185145	0.479097	-2.08726	0.00591969	0.395546	-2.52815	0.0353398	0.531859	-1.8802	0.272774	0.745223	-1.34188	0.028363	0.513393	-1.94783	0.137658	0.662398	-1.50967	0.0100935	0.433311	-2.30781	0.104216	0.632787	-1.58031	0.00929424	0.427328	-2.34013	4.4674	4.69626	0.934425	1
cg22613769	SMYD2	0.0279588	0.144092	1.69112	1.69112	0.599303	0.837361	-1.19423	0.0792701	1.91989	1.91989	0.00241121	4.11634	4.11634	0.0640551	2.00725	2.00725	0.649893	0.858135	-1.16532	0.801773	0.919228	-1.08787	0.0476189	2.13495	2.13495	0.140365	0.587984	-1.70073	4.18996	7.4383	1.57802	1
cg11957699	SMYD2	0.0469151	0.136747	0.698289	-1.43207	0.0101094	0.483362	-2.06884	0.0132086	0.502493	-1.99008	0.988847	1.00314	1.00314	0.776159	1.06595	1.06595	0.789621	1.06174	1.06174	0.0770992	1.55325	1.55325	0.896167	1.02968	1.02968	0.362076	1.23352	1.23352	3.47078	2.75887	0.706564	1
cg15505349	SMYD3	2.38E-06	0.609943	0.933751	-1.07095	0.170972	1.21436	1.21436	0.0332375	0.717789	-1.39317	0.77686	1.03858	1.03858	1.39E-07	0.109851	-9.1032	9.12E-07	0.176856	-5.65431	?	?	?	0.249921	0.851984	-1.17373	0.0398678	1.37232	1.37232	60.3068	15.0688	0.249869	1
cg09413723	SMYD3	3.33E-05	0.0826277	0.654876	-1.52701	0.570643	0.881432	-1.13452	0.659591	0.906999	-1.10254	0.00105751	0.344234	-2.905	3.88E-06	0.0936329	-10.68	0.539613	0.872182	-1.14655	4.25E-05	0.180188	-5.54975	0.000147116	4.21132	4.21132	0.534275	1.14867	1.14867	29.6446	22.7681	0.682697	1
cg18171512	SMYD3	0.00763173	0.128427	0.705606	-1.41722	0.00138959	2.67297	2.67297	0.588096	1.12303	1.12303	0.113267	0.693709	-1.44153	0.010963	0.507951	-1.96869	0.150477	1.38683	1.38683	0.0140843	0.525684	-1.90228	0.898426	1.02747	1.02747	0.51827	0.870254	-1.14909	6.43877	4.59142	0.633857	1
cg01396391	SMYD3	0.00813618	0.0152219	0.301733	-3.31419	0.48815	0.753436	-1.32725	0.187013	0.569956	-1.75452	0.103332	2.04658	2.04658	0.00107887	0.143643	-6.96171	0.0516909	0.4106	-2.43546	?	?	?	0.0611035	2.3358	2.3358	0.208026	0.586491	-1.70506	6.4397	14.6488	2.27476	1
cg22019569	SMYD3	0.0119535	0.0791532	1.50636	1.50636	0.00210756	0.402978	-2.48152	0.00582348	0.468124	-2.13619	0.320494	0.805929	-1.2408	0.376643	1.21009	1.21009	0.50251	0.866717	-1.15378	0.0718401	1.52565	1.52565	0.411182	1.19319	1.19319	0.279258	0.789427	-1.26674	5.58052	3.90482	0.621976	1
cg04108811	SMYD3	0.0122901	0.0111716	0.0991005	-10.0908	0.363473	1.92974	1.92974	?	?	?	0.678486	0.746438	-1.3397	0.00229359	0.0425454	-23.5043	0.299111	2.13506	2.13506	0.0682037	4.29295	4.29295	0.633777	1.40047	1.40047	0.0326246	0.165807	-6.0311	6.35897	43.0588	5.92492	1
cg27177236	SMYD3	0.0139177	0.231042	1.21385	1.21385	0.0437395	1.42986	1.42986	0.889133	0.978715	-1.02175	0.713857	0.944775	-1.05845	0.900369	0.980865	-1.01951	0.0309794	1.47799	1.47799	0.000969728	2.13276	2.13276	0.791788	0.96001	-1.04166	0.0358327	0.686125	-1.45746	5.31016	2.0011	0.334973	1
cg24478129	SMYD3	0.0268287	0.114292	1.7236	1.7236	0.392363	0.757507	-1.32012	0.00616368	0.322271	-3.10298	0.22903	1.49193	1.49193	0.115666	1.71946	1.71946	0.203641	1.52998	1.52998	0.0097334	2.81886	2.81886	0.928386	1.0289	1.0289	0.412067	1.30449	1.30449	4.25114	6.76313	1.41413	1
cg20609679	SMYD3	0.0341336	0.149466	0.806553	-1.23984	0.113421	0.786933	-1.27076	0.0156086	0.662059	-1.51044	0.661616	1.06318	1.06318	0.036626	0.713343	-1.40185	0.27467	0.853768	-1.17128	0.0128232	1.53716	1.53716	0.537418	0.916803	-1.09075	0.533186	1.09176	1.09176	3.90231	1.19582	0.27239	1
cg05345152	SMYD3	0.0370547	0.0890244	0.672899	-1.48611	0.496055	0.864165	-1.15719	0.0269577	0.575028	-1.73905	0.341491	0.81299	-1.23003	0.00238402	0.408837	-2.44596	0.403362	0.834748	-1.19797	0.916662	1.02236	1.02236	0.179242	1.35169	1.35169	0.07596	0.658923	-1.51763	3.78782	2.67659	0.628115	1
cg20597172	SMYD3	0.0388661	0.0366179	0.312257	-3.20249	0.0105745	0.214126	-4.67015	0.0141926	0.23455	-4.26348	0.175075	0.500975	-1.99611	0.0113979	0.219184	-4.56238	0.0867517	0.403876	-2.47601	0.0517709	0.346168	-2.88877	0.078569	0.392045	-2.55073	0.0881532	0.405827	-2.46411	3.72228	13.5411	3.23364	1
cg08922179	SMYD3;SMYD3	0.00021626	0.010892	0.570346	-1.75332	0.000132467	0.312109	-3.20401	2.46E-05	0.228902	-4.36869	0.4799	0.881477	-1.13446	0.402614	1.16238	1.16238	0.00485279	0.518863	-1.92729	0.00208874	0.467327	-2.13983	0.388985	0.856342	-1.16776	0.000199143	0.333701	-2.99669	17.9856	8.78997	0.43442	1
cg25025181	SMYD3;SMYD3	0.000907574	0.00043593	0.0721984	-13.8507	0.000837139	0.0929158	-10.7624	0.000879879	0.0946615	-10.564	0.00137341	0.111387	-8.97768	0.00540753	0.177124	-5.64575	0.0327838	0.307068	-3.25661	0.000745911	0.0889635	-11.2406	0.0673575	0.379431	-2.63552	0.0018907	0.124698	-8.01937	12.094	42.81	3.14645	1
cg10221719	SMYD3;SMYD3	0.00195539	0.00500014	0.295902	-3.37949	0.433866	0.769676	-1.29925	0.00343197	0.271686	-3.68072	0.140313	0.594482	-1.68214	0.000564325	0.173424	-5.76621	0.00616811	0.310029	-3.2255	0.0443162	0.468947	-2.13244	0.00727593	3.11071	3.11071	0.947688	1.02174	1.02174	9.70545	16.519	1.51292	1
cg01002508	SMYD3;SMYD3	0.00327561	0.00581278	0.493601	-2.02593	0.65746	0.916472	-1.09114	0.287339	0.805798	-1.24101	0.131659	0.72755	-1.37448	0.000682215	0.362647	-2.7575	0.0102884	0.531524	-1.88138	0.00564636	0.49171	-2.03372	0.0672924	0.669813	-1.49295	0.000468047	0.341323	-2.92978	8.33722	5.04409	0.537785	1
cg06079347	SMYD3;SMYD3	0.00336274	0.0218443	0.426808	-2.34297	0.603142	1.1762	1.1762	0.0842092	1.80599	1.80599	0.162406	0.630342	-1.58644	0.000161857	0.136363	-7.33338	0.107622	0.580826	-1.72169	0.00694811	0.339377	-2.94658	0.594568	0.846865	-1.18083	0.0194672	0.417311	-2.39629	8.27216	12.5429	1.34781	1
cg04134399	SMYD3;SMYD3	0.00397045	0.535591	0.82749	-1.20847	0.0170838	0.415811	-2.40494	0.00698559	0.348855	-2.86652	0.0176543	0.418439	-2.38983	0.000282781	0.166828	-5.99419	0.178431	0.649512	-1.53962	0.00819447	0.360196	-2.77627	0.163776	1.56601	1.56601	0.046462	0.502388	-1.99049	7.87006	11.3559	1.2826	1
cg20996887	SMYD3;SMYD3	0.00436505	0.022446	1.85346	1.85346	0.000294852	0.264358	-3.78275	0.0734624	0.637413	-1.56884	0.785017	0.940165	-1.06364	0.138804	0.697993	-1.43268	0.241335	0.758243	-1.31884	0.771977	0.936537	-1.06776	0.188305	0.730113	-1.36965	0.00290138	0.397033	-2.51868	7.64799	6.16739	0.716806	1
cg09936248	SMYD3;SMYD3	0.00527373	0.0139449	0.549322	-1.82042	0.0806207	0.682342	-1.46554	0.101327	1.4246	1.4246	0.672278	0.919493	-1.08756	0.00873278	0.517344	-1.93295	0.998522	1.00037	1.00037	0.0175643	0.565519	-1.76829	0.0372753	0.620718	-1.61104	0.000440353	0.334538	-2.9892	7.21996	4.44949	0.547801	1
cg24639535	SMYD3;SMYD3	0.00655795	0.00208654	0.409932	-2.43943	0.130627	0.714553	-1.39948	0.0694118	0.658242	-1.5192	0.129812	0.713963	-1.40063	0.00060358	0.336557	-2.97127	0.07519	0.665036	-1.50368	0.14848	1.37588	1.37588	0.352033	0.821041	-1.21797	0.0172079	0.55012	-1.81779	6.75075	4.53215	0.59676	1
cg00351750	SMYD3;SMYD3	0.0128771	0.0206608	0.282873	-3.53516	0.0604486	2.60995	2.60995	0.201612	1.8423	1.8423	0.0691943	0.398032	-2.51236	0.00151714	0.126243	-7.92121	0.86397	0.925243	-1.0808	0.200037	0.54151	-1.84669	0.412295	0.683978	-1.46203	0.0321841	0.320829	-3.11693	5.44701	17.7122	2.89043	1
cg11071687	SMYD3;SMYD3	0.0164403	0.00532173	0.069536	-14.381	0.454056	0.574846	-1.7396	0.118815	0.292552	-3.4182	0.557215	0.649871	-1.53877	0.00671213	0.0779038	-12.8363	0.0185252	0.125772	-7.9509	0.00361499	0.0573033	-17.451	0.71692	1.30258	1.30258	0.0645239	0.221447	-4.51576	5.02535	41.9482	7.41982	1
cg20280672	SMYD3;SMYD3	0.0180008	0.0032489	0.0765942	-13.0558	0.339931	1.87683	1.87683	0.0468931	0.233114	-4.28975	0.656379	1.33196	1.33196	0.014356	0.144842	-6.90406	0.087146	0.298453	-3.35062	0.00760747	0.111131	-8.99835	0.822516	1.15467	1.15467	0.569622	0.692214	-1.44464	4.87506	31.6381	5.7687	1
cg21645075	SMYD3;SMYD3	0.0192122	0.0794409	0.434165	-2.30327	0.905895	1.05199	1.05199	0.00279592	0.171076	-5.84535	0.907476	0.951396	-1.05109	0.00327328	0.179467	-5.57205	0.0865564	0.444277	-2.25085	0.089838	0.448746	-2.22843	0.236239	1.70213	1.70213	0.723916	0.858999	-1.16415	4.76911	13.8716	2.58546	1
cg05939105	SMYD3;SMYD3	0.0206994	0.364583	0.882859	-1.13268	0.186474	1.20597	1.20597	0.448608	0.901886	-1.10879	0.667264	0.943803	-1.05954	0.0260204	0.702378	-1.42373	0.373105	1.13006	1.13006	0.00142055	1.85412	1.85412	0.134061	0.805675	-1.2412	0.852415	0.975403	-1.02522	4.64985	1.31698	0.251761	1
cg18121962	SMYD3;SMYD3	0.0229718	0.0405323	0.335381	-2.98168	0.00435004	0.172089	-5.81094	0.100936	0.436177	-2.29265	0.373655	0.655874	-1.52468	0.00287211	0.150463	-6.64613	0.114013	0.452004	-2.21237	0.0632774	0.3811	-2.62399	0.547046	0.754685	-1.32506	0.0176567	0.263671	-3.79261	4.48675	15.1579	3.00299	1
cg15324865	SMYD3;SMYD3	0.0232368	0.0535305	0.406748	-2.45852	0.752178	0.878129	-1.13878	0.14133	0.522607	-1.91348	0.0192637	0.313029	-3.19459	0.00332462	0.193992	-5.15486	0.350744	1.48293	1.48293	0.0130952	0.282948	-3.53422	0.612157	1.23337	1.23337	0.0922881	0.467593	-2.13861	4.46904	11.9128	2.36944	1
cg24506394	SMYD3;SMYD3	0.0235243	0.254991	1.11455	1.11455	0.445359	1.07357	1.07357	0.835326	0.981185	-1.01918	0.00967081	1.34819	1.34819	0.22699	1.12271	1.12271	0.35708	0.9172	-1.09028	0.00119528	1.54232	1.54232	0.479688	0.936537	-1.06776	0.761533	0.972608	-1.02816	4.45011	0.586875	0.117226	1
cg20000326	SMYD3;SMYD3	0.0241875	0.27061	0.807749	-1.23801	0.206844	0.780516	-1.2812	0.0281632	1.62015	1.62015	0.00283477	2.14914	2.14914	0.700724	0.930639	-1.07453	0.90979	1.02132	1.02132	0.567972	1.11342	1.11342	0.900429	1.02357	1.02357	0.0295206	0.620617	-1.6113	4.4075	2.41853	0.487761	1
cg12607106	SMYD3;SMYD3	0.0245315	0.449676	1.25672	1.25672	0.0114307	0.391062	-2.55714	0.176684	0.653106	-1.53114	0.411036	1.2832	1.2832	0.355424	1.32576	1.32576	0.767721	0.915891	-1.09183	0.00178218	0.267346	-3.74046	0.950917	0.981906	-1.01843	0.0928692	0.57784	-1.73058	4.38597	6.11217	1.23873	1
cg17971290	SMYD3;SMYD3	0.0290158	0.028311	0.25062	-3.99011	0.0115843	0.185044	-5.40411	0.0325774	0.262636	-3.80755	0.434396	0.652908	-1.53161	0.00761718	0.159765	-6.25917	0.0697618	0.338253	-2.95637	0.0214632	0.228387	-4.37853	0.70898	1.22188	1.22188	0.0685484	0.336282	-2.9737	4.13543	18.7116	4.02196	1
cg16110314	SMYD3;SMYD3	0.0330565	0.769309	0.880487	-1.13573	0.774597	0.883147	-1.13231	0.341182	0.654099	-1.52882	0.0362462	0.348603	-2.86859	0.00225733	0.157272	-6.35841	0.31177	0.635787	-1.57285	0.98421	0.991471	-1.0086	0.00527799	0.203577	-4.91214	0.602254	0.796468	-1.25554	3.94763	11.711	2.63697	1
cg09176199	SMYD3;SMYD3	0.0349352	0.0650576	0.379838	-2.6327	0.00726621	0.198268	-5.04367	0.00466864	0.172425	-5.79962	0.0980476	0.428246	-2.33511	0.083752	0.40888	-2.44571	0.0251419	0.288059	-3.47151	0.0516611	0.355235	-2.81504	0.178181	0.51246	-1.95137	0.28286	0.593658	-1.68447	3.86973	13.3837	3.07429	1
cg14257360	SMYD3;SMYD3	0.0411191	0.127261	0.763284	-1.31013	0.483689	1.12365	1.12365	0.894876	0.978579	-1.02189	0.229847	0.813539	-1.2292	0.64484	0.926793	-1.07899	0.643537	0.926512	-1.07932	0.00239494	1.9998	1.9998	0.47008	0.886595	-1.12791	0.0669096	0.714313	-1.39995	3.64582	1.54914	0.377696	1
cg13977623	SMYD3;SMYD3	0.0475595	0.183766	1.25063	1.25063	0.0553234	1.41129	1.41129	0.013989	0.617967	-1.61821	0.51606	1.11008	1.11008	0.930806	1.01387	1.01387	0.0310378	1.49405	1.49405	0.137697	1.28856	1.28856	0.197223	0.805578	-1.24134	0.985146	0.997052	-1.00296	3.45297	1.37551	0.354093	1
cg18403478	SMYD4	0.000320502	0.807196	1.05503	1.05503	0.471869	0.851862	-1.1739	0.00259102	0.400679	-2.49576	0.00437495	0.434352	-2.30228	6.09E-05	0.197533	-5.06244	0.000566379	0.31029	-3.22279	0.000103938	0.222324	-4.49795	0.67997	1.09513	1.09513	0.00389749	0.426806	-2.34298	16.1549	12.2812	0.675745	1
cg06509140	SMYD4	0.0135469	0.00334319	0.313412	-3.19069	0.108811	0.601622	-1.66217	0.898545	0.963618	-1.03776	0.00278115	0.301761	-3.31388	0.00308772	0.308346	-3.24311	0.17485	0.657536	-1.52083	0.715329	1.11229	1.11229	0.741983	0.908476	-1.10074	0.510347	0.823657	-1.2141	5.35742	7.16215	1.18832	1
cg06651376	SMYD4	0.0141835	0.940882	0.983387	-1.01689	0.366324	1.23323	1.23323	0.188165	0.729799	-1.37024	0.771707	1.06792	1.06792	0.00597501	0.444083	-2.25183	0.000785779	0.317713	-3.14749	0.320959	1.26064	1.26064	0.479586	1.17626	1.17626	0.540347	0.869347	-1.15029	5.27723	4.26422	0.718258	1
cg16756757	SMYD5	0.00179645	0.0706894	0.611787	-1.63456	0.107461	0.652197	-1.53328	0.567907	0.868975	-1.15078	0.809396	1.06055	1.06055	0.014002	0.477975	-2.09216	0.00336497	0.37892	-2.63908	8.71E-05	0.180467	-5.54117	0.569327	0.869432	-1.15018	0.000945937	0.301406	-3.31779	9.94748	9.32455	0.833225	1
cg15623359	SMYD5	0.0050684	0.498564	0.886366	-1.1282	0.0291185	1.57064	1.57064	0.00666813	0.539001	-1.85528	0.00458864	0.515548	-1.93969	0.936076	0.986015	-1.01418	0.00147572	0.44683	-2.23799	0.385266	1.16916	1.16916	0.627142	1.08975	1.08975	0.134945	1.32704	1.32704	7.30821	3.56815	0.43399	1
cg01329511	SMYD5	0.0114356	0.220255	0.729437	-1.37092	0.0308046	0.537507	-1.86044	0.451694	1.20646	1.20646	0.439742	0.824582	-1.21274	0.00145436	0.324409	-3.08253	0.0286003	0.531441	-1.88168	0.0313767	0.539019	-1.85522	0.754042	1.07997	1.07997	0.00332124	0.375824	-2.66082	5.66112	5.3719	0.843477	1
cg03796341	SMYD5	0.0187848	0.021307	0.339963	-2.9415	0.395772	0.712442	-1.40362	0.529111	1.2822	1.2822	0.0136911	0.304646	-3.2825	0.000780649	0.137916	-7.25081	0.128931	0.527449	-1.89592	0.133748	0.532312	-1.8786	0.410103	0.720065	-1.38876	0.182007	0.575639	-1.7372	4.80552	11.5683	2.13982	1
cg06754047	SMYD5	0.0207505	0.0693925	0.566319	-1.76579	0.0990042	1.6591	1.6591	0.0136006	2.35041	2.35041	0.0803992	0.581079	-1.72094	0.338367	1.31818	1.31818	0.670129	0.886971	-1.12743	0.350933	0.764347	-1.30831	0.00571494	0.362631	-2.75763	0.750313	1.09348	1.09348	4.64594	5.7654	1.10307	1
cg22549383	SMYD5	0.0221092	0.123475	0.862315	-1.15967	0.370714	0.921633	-1.08503	0.297769	0.908617	-1.10057	0.0245069	1.26856	1.26856	0.148119	1.14768	1.14768	0.0318762	1.25018	1.25018	0.00389876	1.41201	1.41201	0.448976	0.933791	-1.0709	0.308678	1.09806	1.09806	4.54621	0.567558	0.110971	1
cg25886337	SMYD5	0.0349024	0.665299	0.895942	-1.11614	0.331884	0.776683	-1.28753	0.583367	0.869503	-1.15008	0.802107	1.06545	1.06545	0.134207	1.5034	1.5034	0.898449	1.03276	1.03276	0.000773979	0.276773	-3.61306	0.687182	0.902854	-1.1076	0.491059	1.19313	1.19313	3.87104	3.90728	0.897211	1
cg26853808	SMYD5;SMYD5	0.0124594	0.731503	0.962723	-1.03872	0.0416156	0.771756	-1.29575	0.404833	0.910276	-1.09857	0.55796	1.06753	1.06753	0.00632828	0.675631	-1.4801	0.00984693	0.697811	-1.43305	0.0123732	1.4098	1.4098	0.0919277	1.22708	1.22708	0.530168	0.932264	-1.07266	5.50587	1.06078	0.171257	1
cg20488617	SNAI1	3.03E-07	0.000675517	1.48384	1.48384	0.0325236	1.20924	1.20924	0.00646819	0.764291	-1.3084	3.75E-05	0.548089	-1.82452	0.000182248	0.618448	-1.61695	0.000537816	1.50499	1.50499	1.42E-05	0.503301	-1.98688	0.00127832	1.42849	1.42849	1.50E-08	5.31397	5.31397	99.3643	9.07182	0.0811543	1
cg05403071	SNAI1	9.59E-07	0.109528	0.827025	-1.20915	0.045485	1.28362	1.28362	0.0150178	0.722234	-1.38459	0.00496841	1.49902	1.49902	0.184343	0.857893	-1.16565	6.73E-06	2.96944	2.96944	4.18E-05	2.33787	2.33787	0.0896333	0.815718	-1.22591	2.15E-08	9.85798	9.85798	74.1206	13.9091	0.166804	1
cg09603024	SNAI1	1.14E-06	0.572243	0.912746	-1.09559	0.000108628	2.97739	2.97739	0.00963885	1.68898	1.68898	0.135792	0.773236	-1.29327	0.126734	0.767776	-1.30246	0.000100959	3.01172	3.01172	5.00E-05	0.296049	-3.37782	0.283527	1.19512	1.19512	2.89E-08	25.5057	25.5057	70.8574	28.7214	0.360303	1
cg25655593	SNAI1	6.50E-06	0.148851	0.802254	-1.24649	0.339039	1.15055	1.15055	0.985726	1.00255	1.00255	0.770357	1.04254	1.04254	0.0206025	0.672434	-1.48713	0.000243163	2.37124	2.37124	0.0354362	0.705733	-1.41697	0.396495	0.883764	-1.13152	9.02E-08	12.0951	12.0951	45.3569	14.5485	0.285116	1
cg14200979	SNAI1	1.52E-05	0.918823	1.01512	1.01512	0.147589	1.25702	1.25702	0.949141	0.990653	-1.00944	0.878493	0.977729	-1.02278	0.131129	0.786657	-1.2712	0.000175193	2.55268	2.55268	0.21866	0.82657	-1.20982	0.0708551	1.34599	1.34599	1.87E-07	10.473	10.473	36.3908	12.4914	0.305117	1
cg22815953	SNAI1	1.88E-05	0.0040925	0.619592	-1.61396	0.427788	0.904293	-1.10584	0.0746607	1.27985	1.27985	0.920223	0.987629	-1.01253	0.760035	1.0388	1.0388	0.0824653	1.27	1.27	0.0124553	0.679494	-1.47168	0.445201	1.10154	1.10154	2.46E-07	6.7789	6.7789	34.4334	8.42058	0.217375	1
cg26873164	SNAI1	0.00636394	0.235004	1.37166	1.37166	0.100664	1.57859	1.57859	0.83365	1.05485	1.05485	0.228121	1.37874	1.37874	0.00515357	0.391465	-2.55451	0.153819	1.47353	1.47353	0.193674	0.70527	-1.4179	0.777612	0.930634	-1.07454	0.000504604	3.97642	3.97642	6.81392	6.95626	0.907457	1
cg03078972	SNAI1	0.00870809	0.00924791	1.97725	1.97725	0.715693	0.927291	-1.07841	0.163099	0.735485	-1.35965	0.0457061	1.60441	1.60441	0.00376721	0.446249	-2.2409	0.0952331	1.4598	1.4598	0.517462	0.873343	-1.14503	0.0106404	1.94021	1.94021	0.52915	1.14062	1.14062	6.17659	4.16614	0.59956	1
cg14228788	SNAI1	0.0111309	0.199739	1.40306	1.40306	0.00190391	3.0028	3.0028	0.153145	1.46582	1.46582	0.00848094	2.31638	2.31638	0.107987	1.55023	1.55023	0.00180886	3.0313	3.0313	0.0157662	2.09497	2.09497	0.0713666	1.65436	1.65436	0.0425513	1.79277	1.79277	5.71071	5.65196	0.879744	1
cg21840948	SNAI1	0.0143667	0.347228	1.16724	1.16724	0.884154	0.976974	-1.02357	0.0118762	0.605462	-1.65163	0.828588	0.965949	-1.03525	0.172537	0.792972	-1.26108	0.0295062	1.50611	1.50611	0.00166364	2.05185	2.05185	0.594758	1.08957	1.08957	0.304126	1.18536	1.18536	5.25499	2.12468	0.359393	1
cg21424782	SNAI1;SNAI1	1.78E-05	0.016803	1.51622	1.51622	0.937871	0.989286	-1.01083	0.589225	0.927342	-1.07835	0.620924	0.93336	-1.0714	0.520059	1.09448	1.09448	6.63E-05	3.06798	3.06798	0.00688828	0.604081	-1.65541	0.622175	1.07113	1.07113	3.76E-07	11.3013	11.3013	48.3958	14.3253	0.230225	1
cg20419623	SNAI1;SNAI1	0.0422617	0.367065	0.405536	-2.46587	0.88698	1.14707	1.14707	0.873562	0.857554	-1.16611	0.139346	0.206703	-4.83785	0.687303	0.676327	-1.47857	0.43742	2.15898	2.15898	0.704548	1.445	1.445	?	?	?	0.00200542	123.524	123.524	4.4699	55.7677	9.3572	1
cg12252090	SNAI2	0.00607196	0.00719918	0.475207	-2.10435	0.00325155	0.422857	-2.36487	0.00314682	0.420766	-2.37662	0.294758	0.792104	-1.26246	0.0376446	0.596191	-1.67732	0.808269	1.05353	1.05353	0.00218702	0.397869	-2.51339	0.414007	1.19614	1.19614	0.0420452	0.605042	-1.65278	6.91366	5.03711	0.64762	1
cg06576021	SNAI2	0.031613	0.0118108	0.285793	-3.49903	0.0220802	0.335036	-2.98475	0.17516	0.563035	-1.77609	0.108289	0.497604	-2.00963	0.00269957	0.191796	-5.21387	0.533107	0.777647	-1.28593	0.732635	0.872312	-1.14638	0.0610706	0.431323	-2.31845	0.0528282	0.416118	-2.40316	4.01129	10.0824	2.23424	1
cg05497175	SNAI3	0.00232072	0.504128	1.33682	1.33682	0.0153201	3.57772	3.57772	0.460693	0.72497	-1.37937	0.369031	0.673624	-1.48451	0.791017	1.12045	1.12045	0.155892	0.521971	-1.91581	0.00013997	0.059838	-16.7118	0.00175401	0.14815	-6.74992	0.931346	0.963773	-1.03759	9.23169	26.8123	2.58167	1
cg02237415	SNAP23;SNAP23	0.000847496	0.0379944	0.49261	-2.03	0.244277	0.698702	-1.43123	0.000574451	0.208316	-4.80039	0.939379	1.02264	1.02264	8.85E-05	0.126614	-7.89802	0.0122335	0.399052	-2.50594	0.000785941	0.224466	-4.45502	0.409567	1.28175	1.28175	0.00654754	0.353584	-2.82818	12.3301	16.9169	1.21955	1
cg22382455	SNAP23;SNAP23	0.00137659	0.377994	1.1148	1.1148	0.79985	1.03099	1.03099	0.014026	1.43967	1.43967	0.930268	0.98954	-1.01057	0.0864003	1.25556	1.25556	0.000376097	1.97983	1.97983	0.000253931	0.484689	-2.06318	0.403307	0.902354	-1.10821	0.884866	1.01756	1.01756	10.7414	2.45546	0.203198	1
cg18580117	SNAP23;SNAP23	0.00318598	0.000150622	0.161055	-6.20906	0.0122608	0.416649	-2.4001	0.188857	0.676611	-1.47795	0.0821093	0.582426	-1.71696	0.0299321	0.488319	-2.04784	0.0421827	0.51848	-1.92871	0.00118269	0.263212	-3.79922	0.00985134	0.400356	-2.49778	0.0624953	0.555252	-1.80098	8.40644	10.4852	1.10869	1
cg26348910	SNAP23;SNAP23	0.0146205	0.133951	1.3517	1.3517	0.146427	1.3373	1.3373	0.166337	1.31676	1.31676	0.00211251	2.23871	2.23871	0.00107441	2.46119	2.46119	0.0874614	1.42158	1.42158	0.570963	1.11267	1.11267	0.518412	0.885086	-1.12983	0.868717	1.03132	1.03132	5.22474	2.87667	0.48941	1
cg12281446	SNAP23;SNAP23	0.0255759	?	?	?	0.957025	0.982391	-1.01792	0.265949	0.682387	-1.46544	0.000771871	0.186702	-5.35612	?	?	?	0.0984888	0.550261	-1.81732	0.188141	0.631429	-1.58371	0.413862	0.759276	-1.31704	0.947703	1.02186	1.02186	4.49204	6.01418	1.53012	1
cg22537474	SNAP25;SNAP25	0.00236828	0.564096	0.927559	-1.0781	0.902828	1.01588	1.01588	0.000860533	1.90668	1.90668	0.346515	1.13317	1.13317	0.00505962	1.61287	1.61287	0.980871	1.0031	1.0031	0.000651836	0.509638	-1.96218	0.143176	1.22497	1.22497	0.309494	0.873161	-1.14526	9.17689	2.41736	0.234149	1
cg19239848	SNAP25;SNAP25	0.0047722	0.0412826	0.504817	-1.98091	0.0485834	1.92359	1.92359	0.118362	1.63612	1.63612	0.685505	1.12549	1.12549	0.000428218	0.198146	-5.04679	0.259034	0.710396	-1.40767	0.696101	1.12073	1.12073	0.0581323	1.86234	1.86234	0.0250573	0.461172	-2.16839	7.44366	9.94045	1.18704	1
cg12909741	SNAP25;SNAP25	0.0270077	0.256071	1.41028	1.41028	0.357634	1.31565	1.31565	0.904558	1.0354	1.0354	0.601222	1.16523	1.16523	0.669404	1.13264	1.13264	0.00231955	0.291216	-3.43388	0.0176925	0.433177	-2.30853	0.1388	0.62998	-1.58735	0.234753	1.43499	1.43499	4.24124	5.64856	1.18384	1
cg14851482	SNAP25;SNAP25	0.0393113	0.661047	1.06459	1.06459	0.224043	1.19865	1.19865	0.397561	1.13075	1.13075	0.514162	1.09839	1.09839	0.558543	0.919499	-1.08755	0.572358	1.0843	1.0843	0.00415776	0.579874	-1.72451	0.0239325	1.46553	1.46553	0.095688	1.29644	1.29644	3.70674	1.18146	0.283317	1
cg07161615	SNAP25;SNAP25	0.040819	0.90597	0.981896	-1.01844	0.0598408	1.38862	1.38862	0.365733	1.15452	1.15452	0.0301624	0.674242	-1.48315	0.110877	1.30808	1.30808	0.00785652	0.590168	-1.69443	0.804521	1.03908	1.03908	0.948428	0.990049	-1.01005	0.239353	0.826544	-1.20986	3.65571	1.38402	0.336526	1
cg03569068	SNAP25;SNAP25	0.0454963	0.347388	1.35292	1.35292	0.0558882	1.96725	1.96725	0.380265	0.7549	-1.32468	0.50681	0.810259	-1.23417	0.142367	1.63668	1.63668	0.00391031	0.297202	-3.36472	0.774359	0.914119	-1.09395	0.726511	0.896101	-1.11595	0.138657	0.607749	-1.64542	3.51107	5.42699	1.37394	1
cg09663101	SNAP29;PI4KA	0.000649426	0.0799138	0.823269	-1.21467	0.00694131	0.704972	-1.4185	0.0934261	0.831382	-1.20282	0.00941485	0.719338	-1.39017	0.321409	1.10796	1.10796	0.417598	0.920441	-1.08644	1.35E-05	0.401901	-2.48817	0.117625	1.1854	1.1854	0.0343291	0.781085	-1.28027	13.2869	2.10771	0.141005	1
cg08524698	SNAP29;PI4KA	0.00378484	0.558098	0.947505	-1.0554	0.0192665	0.772799	-1.294	0.000284518	0.582952	-1.71541	0.482656	0.937105	-1.06712	0.00108556	0.644653	-1.55122	0.690005	1.03717	1.03717	0.0667694	0.829346	-1.20577	0.254249	1.11448	1.11448	0.0543698	0.819758	-1.21987	7.98426	1.04811	0.116686	1
cg17239761	SNAP29;PI4KA	0.00663623	0.0914292	0.605735	-1.65089	0.0937144	1.64399	1.64399	0.0697043	1.72821	1.72821	0.732463	1.09696	1.09696	0.0017474	0.300179	-3.33135	0.742652	1.09293	1.09293	0.10819	0.623337	-1.60427	0.00157917	0.294135	-3.39979	0.339411	0.766775	-1.30416	6.72592	7.74835	1.02401	1
cg06723301	SNAP29;PI4KA	0.0210504	0.346805	0.894943	-1.11739	0.00253446	0.618722	-1.61624	0.241276	0.86889	-1.15089	0.649257	1.05386	1.05386	0.00220039	0.611518	-1.63527	0.362219	1.11327	1.11327	0.670329	1.05028	1.05028	0.408757	0.907735	-1.10164	0.274758	0.877926	-1.13905	4.62324	0.961158	0.184797	1
cg20180721	SNAP29;SNAP29;PI4KA	0.0126727	0.935229	1.04408	1.04408	0.918836	0.947336	-1.05559	0.861638	0.911542	-1.09704	0.00082389	0.0429584	-23.2783	0.212825	2.03316	2.03316	0.0428079	0.27138	-3.68487	0.152961	2.3	2.3	0.112516	0.388288	-2.57541	0.012719	0.167724	-5.96219	7.26965	30.8854	2.83236	1
cg05007495	SNAP47	0.000335531	0.00108616	0.417774	-2.39364	0.000279793	0.341096	-2.93172	0.271816	0.812976	-1.23005	0.00462454	0.505585	-1.97791	1.64E-05	0.200698	-4.98262	0.00239842	0.465018	-2.15045	0.00956335	0.552145	-1.81112	0.0201294	0.602053	-1.66098	0.00332187	0.484977	-2.06196	15.9531	8.27797	0.461238	1
cg26554170	SNAP47	0.0048067	0.0173337	0.34065	-2.93557	0.0161375	2.98564	2.98564	0.0676202	2.14002	2.14002	0.0777664	2.07178	2.07178	0.000947571	0.160198	-6.24229	0.0340352	0.39877	-2.50771	0.494446	1.29411	1.29411	0.599322	1.21774	1.21774	0.54513	1.25553	1.25553	7.42735	16.2433	1.94396	1
cg09867883	SNAP47	0.00741209	0.604524	0.885012	-1.12993	0.00350444	2.52426	2.52426	0.706434	1.0925	1.0925	0.739218	1.08124	1.08124	0.000753471	0.3028	-3.30251	0.169128	0.709991	-1.40847	0.663547	0.902725	-1.10776	0.0741253	1.59249	1.59249	0.37641	1.23643	1.23643	6.49795	5.62556	0.76955	1
cg01426303	SNAP47	0.00996202	0.136231	1.87902	1.87902	0.0263812	2.81376	2.81376	0.704208	0.860833	-1.16166	0.993427	0.996769	-1.00324	0.00225922	0.18657	-5.35993	0.0318612	0.37225	-2.68636	0.0131566	0.298839	-3.34629	0.147154	1.84262	1.84262	0.580356	0.803004	-1.24532	5.91781	14.467	2.17302	1
cg21880765	SNAP47	0.0119272	0.166446	0.64867	-1.54162	0.493076	1.22656	1.22656	0.66883	0.881406	-1.13455	0.951071	0.982159	-1.01816	0.000510105	0.203445	-4.91534	0.569358	0.844759	-1.18377	0.700891	0.892948	-1.11989	0.0120394	2.50601	2.50601	0.425766	1.26946	1.26946	5.5845	7.61184	1.21158	1
cg14913407	SNAP47	0.0142124	0.00570606	0.345154	-2.89726	0.0125184	0.401877	-2.48833	0.00726331	0.36195	-2.76282	0.124948	0.614212	-1.6281	0.829069	1.06551	1.06551	0.977058	1.00847	1.00847	0.0085381	0.373507	-2.67733	0.746286	1.09995	1.09995	0.0183153	0.431623	-2.31684	5.2737	7.19313	1.21241	1
cg14383054	SNAP47	0.0358731	0.0172478	0.274722	-3.64005	0.076934	0.41647	-2.40113	0.0599368	0.388599	-2.57334	0.00843671	0.223581	-4.47265	0.0329322	0.329249	-3.03722	0.0185749	0.280538	-3.56458	0.0299464	0.32067	-3.11847	0.800414	0.893317	-1.11942	0.1349	0.487836	-2.04987	3.83275	12.0386	2.79199	1
cg04975617	SNAP47;JMJD4;JMJD4	0.00663849	0.0195408	0.697506	-1.43368	0.382038	1.12125	1.12125	0.294263	1.14897	1.14897	0.473065	0.91105	-1.09763	0.0223391	0.705066	-1.41831	0.039098	0.737261	-1.35637	0.000431615	0.491265	-2.03556	0.236927	1.17138	1.17138	0.0582359	0.760922	-1.3142	6.7252	1.73566	0.229407	1
cg00788170	SNAP47;LOC100130093;JMJD4;JMJD4;LOC100130093	0.043094	0.0215213	0.415848	-2.40472	0.00539888	0.312282	-3.20223	0.133878	0.598248	-1.67155	0.601087	0.845656	-1.18251	0.0386347	0.467119	-2.14078	0.110261	0.575153	-1.73867	0.0533378	0.497819	-2.00876	0.0191062	0.406031	-2.46287	0.569729	0.833127	-1.2003	3.58294	5.73063	1.42171	1
cg21688264	SNAP91;SNAP91	3.86E-06	0.123705	0.78516	-1.27363	0.897515	1.01887	1.01887	0.413525	0.885796	-1.12893	0.0186139	1.51262	1.51262	0.692841	1.05928	1.05928	0.0536625	1.37419	1.37419	3.82E-08	0.0587001	-17.0357	0.0283379	1.4557	1.4557	0.911004	1.01635	1.01635	51.8794	17.291	0.296259	1
cg13886789	SNAP91;SNAP91	0.00103338	0.657146	0.935178	-1.06931	8.87E-05	0.348842	-2.86663	0.0627584	0.730424	-1.36907	0.0429015	1.41847	1.41847	0.0955984	1.31607	1.31607	0.84211	0.970522	-1.03037	0.000800231	2.13697	2.13697	0.806201	0.963796	-1.03756	0.562048	1.09193	1.09193	11.6574	4.15549	0.316859	1
cg15950068	SNAP91;SNAP91	0.00536658	0.953765	1.00545	1.00545	0.982959	0.997999	-1.00201	0.266005	1.11483	1.11483	0.139517	0.861455	-1.16083	0.00324316	0.686226	-1.45724	0.0590491	0.818786	-1.22132	0.000356354	0.584183	-1.71179	0.0705999	0.827369	-1.20865	0.159342	1.15148	1.15148	7.18146	1.00047	0.123834	1
cg03815358	SNAP91;SNAP91	0.012177	0.241342	1.13236	1.13236	0.166743	1.16116	1.16116	0.452519	1.08066	1.08066	0.492898	0.93185	-1.07313	0.268008	0.889636	-1.12405	0.0062092	1.43566	1.43566	0.00229431	0.649208	-1.54034	0.647992	1.04769	1.04769	0.0487865	0.796059	-1.25619	5.54706	0.902505	0.144622	1
cg24638849	SNAP91;SNAP91	0.0281528	0.872919	1.02012	1.02012	0.0253308	0.718271	-1.39223	0.00235378	1.69587	1.69587	0.967784	1.00504	1.00504	0.467823	0.912153	-1.09631	0.228033	1.17056	1.17056	0.177502	0.836629	-1.19527	0.142128	0.821665	-1.21704	0.873416	1.02004	1.02004	4.17976	1.02552	0.218092	1
cg19671533	SNAP91;SNAP91	0.0306377	0.117876	1.32563	1.32563	0.770628	0.952628	-1.04973	0.218752	1.23952	1.23952	0.402176	1.15296	1.15296	0.885348	1.02424	1.02424	0.00322803	0.513233	-1.94843	0.167172	0.783136	-1.27692	0.487101	1.12435	1.12435	0.0276114	1.54092	1.54092	4.05638	1.77037	0.387948	1
cg01273287	SNAPC1	0.000441785	0.0281727	1.47109	1.47109	0.0830766	1.33076	1.33076	0.00527092	1.72947	1.72947	1.63E-05	3.75229	3.75229	0.000529051	2.23403	2.23403	0.00963956	1.62885	1.62885	0.0657095	1.36009	1.36009	0.000540022	2.22839	2.22839	0.484689	1.11154	1.11154	14.7889	5.19419	0.312197	1
cg18383594	SNAPC1	0.000457111	0.607979	1.09045	1.09045	1.49E-05	0.22234	-4.49762	0.00083044	0.430774	-2.3214	0.0601039	0.701236	-1.42605	0.801892	0.9588	-1.04297	0.281207	0.829082	-1.20615	0.00137365	0.45983	-2.17472	0.3423	0.848961	-1.17791	0.00314247	0.508839	-1.96526	14.6501	6.4983	0.394283	1
cg12123983	SNAPC1	0.0140798	0.0297173	0.346215	-2.88838	0.000775772	0.12141	-8.23654	0.0319743	0.352833	-2.8342	0.445977	0.724663	-1.37995	0.0429046	0.38063	-2.62723	0.101391	0.47543	-2.10336	0.0148478	0.288725	-3.46351	0.0146991	0.287954	-3.47277	0.0923828	0.464014	-2.15511	5.29	14.3977	2.41927	1
cg07544451	SNAPC1	0.0145852	0.00792538	0.28704	-3.48384	0.00842009	0.291281	-3.43311	0.067765	0.472365	-2.11701	0.291172	0.669313	-1.49407	0.00989359	0.302807	-3.30243	0.484798	0.770879	-1.29722	0.0049998	0.256244	-3.90252	0.00904238	0.296335	-3.37456	0.0387613	0.415929	-2.40425	5.22891	11.1271	1.89156	1
cg08194979	SNAPC1;SNAPC1	0.0306128	0.72776	0.910077	-1.09881	0.355201	1.29232	1.29232	0.194373	1.44798	1.44798	0.696328	0.899648	-1.11155	0.00477637	0.364222	-2.74558	0.956261	0.98532	-1.0149	0.0110259	2.3625	2.3625	0.0698862	1.7272	1.7272	0.997061	1.00099	1.00099	4.05756	4.67176	1.02344	1
cg26284544	SNAPC2	0.0402407	0.0651712	2.67949	2.67949	0.0232309	3.63837	3.63837	0.0484061	2.9259	2.9259	0.371444	1.54787	1.54787	0.0455378	0.33566	-2.9792	0.389041	1.52232	1.52232	0.0281416	3.43598	3.43598	0.0630205	2.70626	2.70626	0.158922	2.04783	2.04783	3.675	13.1909	3.19055	1
cg02405517	SNAPC2;SNAPC2	0.00599304	0.919211	0.975744	-1.02486	0.104015	0.650376	-1.53757	0.312072	1.28801	1.28801	0.0848227	1.58609	1.58609	0.00763196	0.435972	-2.29373	0.198928	0.719972	-1.38894	0.000302072	0.24125	-4.14507	0.57929	0.87324	-1.14516	0.0496132	0.581513	-1.71965	6.94165	6.4402	0.824678	1
cg24132694	SNAPC2;SNAPC2	0.00865396	0.0592771	0.385608	-2.59331	0.00378014	5.74709	5.74709	0.0152109	3.79695	3.79695	0.0100811	4.27619	4.27619	0.0565865	0.380659	-2.62702	0.375791	1.50197	1.50197	0.460402	0.714381	-1.39981	0.0589414	2.59741	2.59741	0.534972	0.754884	-1.32471	6.18879	19.6306	2.81952	1
cg02772682	SNAPC2;SNAPC2	0.0183957	0.881464	0.960707	-1.0409	0.00100083	3.7155	3.7155	0.00855769	2.46242	2.46242	0.915315	1.02899	1.02899	0.824009	1.06167	1.06167	0.36329	1.28532	1.28532	0.869847	0.956901	-1.04504	0.694774	1.11176	1.11176	0.01308	2.2863	2.2863	4.83957	5.53194	1.01606	1
cg10152810	SNAPC2;SNAPC2	0.0392246	0.0615777	0.594041	-1.68338	0.641435	1.123	1.123	0.0218312	1.97523	1.97523	0.469969	0.833764	-1.19938	0.0388254	0.553403	-1.807	0.622812	0.884598	-1.13046	0.00832481	0.434245	-2.30285	0.426618	0.818099	-1.22235	0.485699	0.839278	-1.1915	3.70975	3.59427	0.861217	1
cg13955572	SNAPC3	8.59E-05	0.00186081	0.645562	-1.54904	0.000742595	1.66133	1.66133	6.46E-05	2.07014	2.07014	0.242733	1.12882	1.12882	0.000813478	0.606285	-1.64939	0.268108	1.12113	1.12113	0.0101831	0.725302	-1.37874	0.000222569	1.83902	1.83902	0.19155	0.871933	-1.14688	23.0612	3.58808	0.138302	1
cg26007077	SNAPC3	0.00638654	0.905155	1.01094	1.01094	0.0607992	1.21284	1.21284	0.00555536	1.39458	1.39458	0.105697	1.1751	1.1751	0.0620132	1.21148	1.21148	0.456033	1.07177	1.07177	0.00136131	0.654128	-1.52875	0.102503	1.17718	1.17718	0.0258912	1.27312	1.27312	6.80644	0.898528	0.117343	1
cg13473179	SNAPC3	0.024319	0.0873614	0.780889	-1.28059	0.101883	1.26445	1.26445	0.0386971	1.36854	1.36854	0.0708884	0.767633	-1.30271	0.50411	1.0929	1.0929	0.010715	0.656868	-1.52238	0.0972474	1.26933	1.26933	0.13391	1.23594	1.23594	0.615065	0.935717	-1.0687	4.39922	1.19644	0.241747	1
cg21211038	SNAPC3	0.0321128	0.473566	1.14394	1.14394	0.233362	0.794123	-1.25925	0.0173519	0.585949	-1.70663	0.950868	1.01143	1.01143	0.359339	1.1899	1.1899	0.859413	1.03325	1.03325	0.00142929	0.427032	-2.34174	0.295022	0.818443	-1.22183	0.988222	0.99728	-1.00273	3.98885	2.15015	0.479147	1
cg01428408	SNAPC4	0.000792476	0.000151481	0.335589	-2.97983	3.96E-05	0.267104	-3.74385	0.120207	0.753456	-1.32722	0.00533724	0.539899	-1.8522	0.261011	0.821297	-1.21759	0.28798	0.830881	-1.20354	0.663521	1.07629	1.07629	0.430322	0.873549	-1.14476	0.0351128	0.662162	-1.51021	12.5655	5.61293	0.397063	1
cg05562419	SNAPC4	0.00385067	0.000696972	0.645938	-1.54814	0.13536	1.14569	1.14569	0.639564	1.04066	1.04066	0.448333	1.06747	1.06747	0.138051	0.873775	-1.14446	0.670307	1.03685	1.03685	0.000787015	0.651277	-1.53544	0.0160408	0.779547	-1.2828	0.768719	1.02523	1.02523	7.94297	0.898155	0.100512	1
cg20776317	SNAPC4	0.00538662	0.00548734	0.234933	-4.25654	0.00677953	0.248586	-4.02276	0.0865409	0.471872	-2.11922	0.218959	1.67008	1.67008	0.958624	0.979629	-1.02079	0.0946091	2.07265	2.07265	0.000695527	0.12841	-7.78756	0.875112	0.939513	-1.06438	0.115961	0.507756	-1.96945	7.17325	17.8779	2.21538	1
cg24812167	SNAPC4	0.0167751	0.017385	0.283014	-3.53339	0.186425	0.543094	-1.8413	0.454434	0.717419	-1.39388	0.0810499	0.43039	-2.32347	0.00493727	0.197358	-5.06695	0.0161575	0.277324	-3.60589	0.00151394	0.136514	-7.32524	0.0744156	0.420494	-2.37815	0.236157	0.582144	-1.71779	4.99166	15.0174	2.67421	1
cg16330965	SNAPC5	0.000339038	0.0020899	0.515349	-1.94043	0.611275	0.924531	-1.08163	0.00205548	0.514393	-1.94404	0.35579	0.864664	-1.15652	0.0153082	0.63395	-1.57741	9.90E-05	0.347129	-2.88077	3.44E-05	0.293263	-3.4099	0.00411913	0.554842	-1.80231	0.470139	1.11906	1.11906	15.9077	5.90477	0.329947	1
cg13133148	SNAPC5	0.00103055	0.88986	1.03091	1.03091	0.000164665	4.10088	4.10088	0.888185	1.03139	1.03139	0.627602	1.11338	1.11338	0.327855	1.24844	1.24844	0.327447	1.24869	1.24869	0.0289387	1.76084	1.76084	0.527096	0.868675	-1.15118	5.07E-05	5.30335	5.30335	11.6665	8.91865	0.679525	1
cg16787252	SNAPC5	0.00204541	0.22709	1.65012	1.65012	0.0116937	3.47048	3.47048	0.780921	1.11641	1.11641	0.888053	1.05721	1.05721	0.71207	0.863799	-1.15768	0.133548	0.527745	-1.89485	0.00127584	6.39608	6.39608	0.257332	1.59503	1.59503	9.22E-05	15.7602	15.7602	9.57901	23.6658	2.19608	1
cg13048962	SNAPC5	0.00222522	0.0851392	0.687256	-1.45506	6.44E-05	0.235252	-4.25076	0.372641	0.834988	-1.19762	0.626393	0.907864	-1.10149	0.28816	0.804713	-1.24268	0.0492222	0.642562	-1.55627	0.00231429	0.432337	-2.31301	0.923734	1.01905	1.01905	0.108761	1.41149	1.41149	9.34606	5.74625	0.546517	1
cg17725477	SNAPC5	0.00978072	0.0534707	4.57395	4.57395	0.00170837	22.2969	22.2969	0.0380767	5.29391	5.29391	0.0272562	6.1169	6.1169	0.946095	1.04798	1.04798	0.984494	0.986619	-1.01356	0.00753156	10.8447	10.8447	0.96382	1.03194	1.03194	0.00293237	16.9857	16.9857	5.95265	45.2976	6.76413	1
cg20792206	SNAPC5	0.0100536	0.0663559	2.38486	2.38486	0.00279387	5.69301	5.69301	0.053463	2.52397	2.52397	0.0350913	2.81862	2.81862	0.251515	0.603114	-1.65806	0.524619	1.31277	1.31277	0.197082	0.562376	-1.77817	0.00196452	6.33958	6.33958	0.184483	1.81146	1.81146	5.90052	16.6487	2.50806	1
cg03357077	SNAPC5	0.0126017	0.0247688	0.571296	-1.75041	0.135393	1.40091	1.40091	0.586374	0.891294	-1.12196	0.0290713	1.71402	1.71402	0.0101373	0.506941	-1.97262	0.0144408	0.53182	-1.88034	0.0219765	0.562369	-1.77819	0.583631	1.12293	1.12293	0.177956	0.740935	-1.34965	5.48554	3.81198	0.617701	1
cg22468733	SNAPC5	0.0282191	0.011721	0.586437	-1.70521	0.365158	1.17082	1.17082	0.886312	0.976046	-1.02454	0.012854	0.59239	-1.68808	0.0140591	0.598203	-1.67167	0.175001	0.783114	-1.27695	0.0856522	1.37985	1.37985	0.483184	0.88623	-1.12838	0.811642	1.04129	1.04129	4.17629	1.89994	0.404386	1
cg21957546	SNAPC5;SNAPC5	0.0167768	0.430018	1.08977	1.08977	0.00715534	1.44865	1.44865	0.367572	0.905945	-1.10382	0.219488	1.14775	1.14775	0.0846464	1.22573	1.22573	0.235806	0.875825	-1.14178	0.508852	1.07414	1.07414	0.486565	1.07837	1.07837	0.000972862	1.68835	1.68835	4.99148	0.900376	0.16034	1
cg12805764	SNAPIN	0.00011356	0.000685731	0.535435	-1.86764	0.56425	0.932195	-1.07274	0.654788	1.05571	1.05571	0.0355485	1.34283	1.34283	1.44E-05	0.337232	-2.96532	0.00663851	0.654164	-1.52867	2.57E-05	0.366008	-2.73218	0.0263366	0.72809	-1.37346	0.176247	0.840965	-1.18911	21.3993	4.91827	0.204296	1
cg07576541	SNAPIN	0.00489042	0.06356	0.614984	-1.62606	0.778527	0.9364	-1.06792	0.287515	0.773079	-1.29353	0.575767	0.87655	-1.14084	0.000344055	0.261103	-3.8299	0.160977	1.41759	1.41759	0.285621	0.772236	-1.29494	0.000786036	0.30635	-3.26423	0.662429	0.902687	-1.1078	7.38838	6.35603	0.764688	1
cg10272885	SNAPIN	0.0232352	0.0419678	0.774817	-1.29063	0.0120576	0.711221	-1.40603	0.88878	0.984884	-1.01535	0.087961	0.814667	-1.22749	0.124276	1.19862	1.19862	0.00458931	0.663164	-1.50792	0.943503	1.00774	1.00774	0.211322	0.866457	-1.15413	0.237018	1.14437	1.14437	4.46915	0.838672	0.166807	1
cg06942637	SNAPIN	0.0473598	0.42817	0.744452	-1.34327	0.596935	1.21494	1.21494	0.724935	0.879075	-1.13756	0.220939	0.625351	-1.5991	0.0130027	0.324863	-3.07822	0.031816	0.399342	-2.50412	0.00897826	0.297536	-3.36093	0.187886	1.66381	1.66381	0.485716	0.772262	-1.2949	3.45846	7.29019	1.87372	1
cg20708224	SNAR-C4	0.0186814	0.143212	0.732491	-1.3652	0.0794944	0.680342	-1.46985	0.030126	0.603735	-1.65636	0.100512	0.70047	-1.42761	0.000926012	0.375773	-2.66118	0.450439	0.858847	-1.16435	0.00915591	0.519467	-1.92505	0.0290547	0.601039	-1.66379	0.117583	0.71439	-1.3998	4.81448	2.98562	0.551229	1
cg10339593	SNAR-C4	0.038074	0.129839	0.678017	-1.47489	0.0268832	0.536598	-1.86359	0.0308012	0.547543	-1.82634	0.201768	0.726074	-1.37727	0.00376071	0.395037	-2.53141	0.854912	1.04443	1.04443	0.0147378	0.490281	-2.03965	0.183155	0.715045	-1.39851	0.324093	0.785182	-1.27359	3.75047	3.34973	0.793912	1
cg02899730	SNAR-D;SNAR-B1;SNAR-B2	0.0377417	0.0102453	0.292972	-3.4133	0.169091	0.573636	-1.74327	0.0281704	0.374078	-2.67324	0.0584654	0.444415	-2.25015	0.0365644	0.397882	-2.51331	0.90183	0.954267	-1.04792	0.253005	1.57285	1.57285	0.0233835	0.357873	-2.79429	0.119334	0.526669	-1.89873	3.76251	8.5749	2.02581	1
cg14791280	SNAR-E	0.000142291	0.756638	1.03063	1.03063	0.671281	0.959419	-1.0423	0.0541619	0.808895	-1.23625	5.18E-05	0.479623	-2.08497	0.110859	0.844864	-1.18362	5.95E-06	0.372922	-2.68152	0.111802	0.845305	-1.18301	0.786209	1.02674	1.02674	0.000752915	0.608995	-1.64205	20.1412	3.00425	0.132586	1
cg11049042	SNAR-E	0.000475939	0.0275277	0.639597	-1.56348	0.00114248	2.27071	2.27071	0.905781	1.02051	1.02051	0.895496	1.02279	1.02279	6.19E-05	0.281885	-3.54755	0.469561	0.88148	-1.13446	0.000790826	0.41916	-2.38572	0.305843	1.19936	1.19936	0.15398	1.29912	1.29912	14.4872	6.74535	0.413872	1
cg05218205	SNAR-E	0.0310342	0.000653732	0.178153	-5.61316	0.397138	1.3315	1.3315	0.88295	1.04985	1.04985	0.920773	0.967683	-1.0334	0.347589	1.37624	1.37624	0.793129	0.916872	-1.09067	0.216766	1.53599	1.53599	0.86985	1.05564	1.05564	0.563341	0.824543	-1.21279	4.03784	6.9732	1.53508	1
cg25892657	SNAR-F	0.000380948	0.67785	1.0722	1.0722	0.00665377	0.555628	-1.79977	0.535251	0.900522	-1.11047	0.00264985	2.00161	2.00161	0.485004	0.88833	-1.12571	4.28E-05	3.66053	3.66053	0.00234879	2.03082	2.03082	0.00341542	1.94238	1.94238	0.111211	0.7486	-1.33583	15.406	6.79489	0.392049	1
cg19825302	SNAR-F	0.000618705	0.00592499	0.125076	-7.99513	0.0023065	12.0335	12.0335	0.00847784	0.144741	-6.90889	0.630041	1.30818	1.30818	0.0073143	0.136364	-7.3333	0.977043	1.01604	1.01604	0.000350553	0.0320443	-31.2068	0.00165059	14.0476	14.0476	0.0708586	3.11241	3.11241	16.6468	78.8941	3.68611	1
cg17729891	SNAR-F	0.000924091	0.00248315	0.168692	-5.92795	0.011971	3.76935	3.76935	0.0475565	0.383243	-2.60931	0.99356	0.99659	-1.00342	0.00399933	0.194537	-5.14041	0.705731	0.851679	-1.17415	0.000482394	0.0985776	-10.1443	0.00461674	4.92932	4.92932	0.12006	2.04155	2.04155	12.0325	34.1335	2.52157	1
cg00417819	SNAR-F	0.00165528	0.0297747	0.598164	-1.67178	0.901961	0.975542	-1.02507	0.109464	0.704223	-1.42	0.00273123	0.435515	-2.29613	6.62E-05	0.229937	-4.34902	0.181903	0.752229	-1.32938	0.00122003	0.386377	-2.58814	0.0118905	0.532134	-1.87923	0.0709151	0.666683	-1.49996	10.186	6.5134	0.568397	1
cg01072969	SNAR-F	0.0071392	0.495506	0.719848	-1.38918	0.0220398	0.271359	-3.68516	0.0119979	0.225717	-4.43033	0.241592	0.55867	-1.78996	0.00110182	0.101767	-9.82641	0.26518	0.576062	-1.73592	0.000824161	0.091349	-10.947	0.120777	0.449696	-2.22372	0.0176128	0.253685	-3.94189	6.5746	23.4909	3.17598	1
cg23928360	SNAR-F	0.01511	0.855855	0.927916	-1.07768	0.837213	0.918839	-1.08833	0.505048	1.32086	1.32086	0.753356	0.878367	-1.13848	0.0014025	0.149043	-6.70946	0.704819	1.16951	1.16951	0.00129363	0.14533	-6.88087	0.705505	0.855386	-1.16906	0.885885	0.94263	-1.06086	5.1682	13.8558	2.3831	1
cg09565079	SNAR-F	0.0207848	0.502335	0.730688	-1.36857	0.0308398	3.21736	3.21736	0.0353033	3.09485	3.09485	0.276346	1.68513	1.68513	0.00788566	0.207876	-4.81055	0.782629	0.880328	-1.13594	0.265682	0.58593	-1.70669	0.0254904	3.39895	3.39895	0.154016	2.02046	2.02046	4.64332	15.6199	2.99018	1
cg03654106	SNAR-G1;CGB1	0.00200138	0.00233922	0.48087	-2.07956	0.0468381	0.675574	-1.48022	0.0136576	0.591138	-1.69165	0.00120983	0.441868	-2.26312	0.00102506	0.432232	-2.31357	0.0294796	0.64285	-1.55557	0.00238875	0.482128	-2.07414	0.000641452	0.405341	-2.46706	0.138182	0.759486	-1.31668	9.63997	4.53488	0.418156	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22360284	SNAR-G2;CGB2	0.000323781	0.104152	0.567541	-1.76199	0.000831876	0.20109	-4.9729	0.107062	1.75222	1.75222	0.00836458	2.92781	2.92781	0.00240747	3.84902	3.84902	0.000596759	5.41582	5.41582	0.000523737	0.178422	-5.60469	0.0559565	1.99434	1.99434	0.439618	0.777787	-1.2857	16.1099	25.9358	1.43105	1
cg00529810	SNAR-G2;CGB2	0.00626941	0.737647	0.898683	-1.11274	0.0235764	0.423536	-2.36107	0.00265707	0.266934	-3.74624	0.370731	0.746721	-1.33919	0.0423399	0.475676	-2.10227	0.305436	0.713765	-1.40102	0.000195507	0.13661	-7.3201	0.307196	0.714701	-1.39919	0.0993018	0.563205	-1.77555	6.84558	10.947	1.42145	1
cg15982535	SNAR-H	9.45E-05	0.655955	0.938623	-1.06539	0.431911	0.892877	-1.11997	0.817274	0.967835	-1.03323	0.779442	1.04046	1.04046	0.193143	0.823216	-1.21475	0.658057	0.939016	-1.06494	0.305065	1.16187	1.16187	0.307699	1.16086	1.16086	7.66E-07	0.152731	-6.54744	22.4785	7.1041	0.280924	1
cg23436081	SNAR-I	1.49E-06	0.00361819	0.675555	-1.48026	0.290344	0.896466	-1.11549	0.0013126	0.627635	-1.59328	0.602228	1.05377	1.05377	3.93E-08	0.143755	-6.95629	0.218408	1.13762	1.13762	0.000627456	1.68817	1.68817	0.526354	0.938061	-1.06603	3.54E-06	0.338117	-2.95756	66.1731	10.3962	0.13965	1
cg25724246	SNAR-I	0.00472054	0.683361	0.894301	-1.11819	0.62544	1.14341	1.14341	0.643008	1.13559	1.13559	0.0141714	0.438465	-2.28068	0.377147	0.781244	-1.28001	0.270535	1.36686	1.36686	0.00023705	0.19034	-5.25375	0.746273	1.09247	1.09247	0.0035222	0.340315	-2.93846	7.46836	8.77735	1.04469	1
cg26578617	SNCA;SNCA;SNCA;SNCA	0.00232595	0.000222704	0.282171	-3.54395	0.0311618	1.6831	1.6831	0.00233157	2.39894	2.39894	0.266205	0.787816	-1.26933	0.550647	1.13235	1.13235	0.444701	0.851808	-1.17397	0.0371592	0.607704	-1.64554	0.601496	0.897202	-1.11458	0.445799	0.85215	-1.1735	9.22559	6.19204	0.596605	1
cg10208370	SNCA;SNCA;SNCA;SNCA	0.00833339	0.000766024	0.473701	-2.11104	0.172284	1.23736	1.23736	0.950718	1.0091	1.0091	0.0287738	0.685183	-1.45946	0.24032	0.835077	-1.19749	0.843209	1.02946	1.02946	0.003327	0.556573	-1.79671	0.269824	1.18348	1.18348	0.57766	0.920846	-1.08596	6.26305	2.1319	0.302573	1
cg05241924	SNCA;SNCA;SNCA;SNCA	0.0151916	0.0329175	0.433023	-2.30934	0.150246	1.67758	1.67758	0.493939	1.26243	1.26243	0.00149816	0.215374	-4.64308	0.143257	0.58996	-1.69503	0.00995285	0.335532	-2.98034	0.489145	1.26581	1.26581	0.393582	0.745897	-1.34067	0.835352	1.07231	1.07231	5.15899	9.19526	1.58433	1
cg02192967	SNCA;SNCA;SNCA;SNCA	0.0172638	0.0418187	1.96271	1.96271	0.939496	0.978417	-1.02206	0.656573	1.13727	1.13727	?	?	?	0.755497	1.09394	1.09394	0.00102367	0.246786	-4.05209	?	?	?	0.543198	1.1935	1.1935	0.356892	0.76158	-1.31306	5.15128	5.24256	1.16311	1
cg06848047	SNCA;SNCA;SNCA;SNCA	0.0211052	0.0724806	0.44343	-2.25515	0.220177	1.68721	1.68721	0.0142304	3.41102	3.41102	0.90548	1.04938	1.04938	0.0627839	0.427623	-2.33851	0.00654428	0.238497	-4.19293	0.316599	1.52212	1.52212	0.156739	1.84892	1.84892	0.70808	0.858452	-1.16489	4.61914	12.0449	2.31788	1
cg08767460	SNCA;SNCA;SNCA;SNCA	0.0405834	0.033243	0.316493	-3.15962	0.0505534	2.80111	2.80111	0.0254541	3.41291	3.41291	0.0312686	0.310958	-3.21587	0.770713	0.873639	-1.14464	0.185452	1.91378	1.91378	0.452244	1.42475	1.42475	0.521029	1.3508	1.3508	0.377728	1.5195	1.5195	3.66353	12.3983	3.00822	1
cg00193021	SNCA;SNCA;SNCA;SNCA;SNCA;SNCA;SNCA	0.0354582	0.802112	1.0298	1.0298	0.55343	1.07261	1.07261	0.554249	0.932446	-1.07245	0.783845	1.03267	1.03267	0.955854	0.993548	-1.00649	0.155227	1.19462	1.19462	0.00173782	0.593239	-1.68566	0.0232727	0.728283	-1.37309	0.731812	1.04104	1.04104	3.84896	0.83331	0.192447	1
cg00637695	SNCAIP	0.000690016	0.00450224	0.271308	-3.68584	3.17E-05	0.0613009	-16.313	0.00508437	0.279204	-3.58161	0.283082	0.680966	-1.4685	0.00620377	0.292471	-3.41914	0.00778436	0.308144	-3.24523	0.000719159	0.169773	-5.89022	0.00241804	0.233324	-4.28588	0.0834276	0.516761	-1.93513	13.0634	24.5566	1.67094	1
cg18186081	SNCAIP	0.00229935	0.340047	0.718649	-1.3915	0.146644	0.592468	-1.68785	0.100878	0.546765	-1.82894	0.833062	1.07349	1.07349	5.32E-05	0.0793086	-12.609	0.347004	1.38454	1.38454	0.0262118	2.42566	2.42566	0.636374	1.17353	1.17353	0.0786905	0.518845	-1.92736	9.25676	16.5514	1.58936	1
cg21527584	SNCAIP	0.012865	0.00732908	0.689434	-1.45046	0.405499	0.912512	-1.09588	0.00242942	0.635043	-1.5747	0.1046	0.826272	-1.21026	0.392466	1.09883	1.09883	0.270197	1.13146	1.13146	0.0260551	1.32857	1.32857	0.253045	0.879482	-1.13703	0.491623	0.927611	-1.07804	5.44869	0.998652	0.162918	1
cg06635849	SNCAIP	0.0216779	0.607101	0.878173	-1.13873	0.00287652	0.358128	-2.7923	0.00195099	0.333813	-2.99569	0.470629	0.832083	-1.2018	0.276266	0.753029	-1.32797	0.973943	1.00821	1.00821	0.296494	0.762528	-1.31143	0.759282	1.08002	1.08002	0.0287276	0.524051	-1.90821	4.57702	4.54749	0.883153	1
cg19980718	SNCAIP	0.0316174	0.283358	0.834109	-1.19888	0.00318341	1.92611	1.92611	0.564381	1.09946	1.09946	0.0876772	0.735817	-1.35903	0.0857306	0.734132	-1.36215	0.353392	0.856079	-1.16812	0.293133	1.1942	1.1942	0.19512	1.24983	1.24983	0.231388	0.815228	-1.22665	4.01109	1.68241	0.372834	1
cg04684516	SNCAIP;SNCAIP	0.0243628	0.76815	1.06085	1.06085	0.374133	0.833354	-1.19997	0.0688386	1.50216	1.50216	0.535885	1.13345	1.13345	0.275522	0.797175	-1.25443	0.194207	1.31581	1.31581	0.00121319	0.388077	-2.57681	0.489801	0.869196	-1.15049	0.0996327	0.697245	-1.43422	4.39648	2.78036	0.562139	1
cg11352866	SNCB;EIF4E1B;SNCB	0.00575302	0.0439323	0.621908	-1.60795	0.483623	1.15723	1.15723	0.651358	1.09781	1.09781	0.00325445	0.439079	-2.27749	0.288309	0.797615	-1.25374	0.933035	1.01739	1.01739	0.000195891	0.276732	-3.61361	0.275636	0.792438	-1.26193	0.899879	0.97451	-1.02616	7.02967	4.68487	0.592394	1
cg01382414	SNCB;EIF4E1B;SNCB	0.0291672	0.510956	0.806284	-1.24026	0.0602079	1.98281	1.98281	0.00688969	3.09469	3.09469	0.0441429	2.11017	2.11017	0.301194	0.707558	-1.41331	0.0548654	2.02013	2.02013	0.0124876	2.7283	2.7283	0.0833417	1.85713	1.85713	0.226582	1.50683	1.50683	4.12783	6.81793	1.46818	1
cg07003542	SNCB;EIF4E1B;SNCB	0.0413355	0.373436	0.656723	-1.52271	0.0831418	2.41784	2.41784	0.0138213	4.05635	4.05635	0.0137309	4.06422	4.06422	0.623348	0.796279	-1.25584	0.00934205	4.55942	4.55942	0.634893	1.24626	1.24626	0.57589	1.29706	1.29706	0.593051	1.28179	1.28179	3.63876	12.206	2.98172	1
cg03607359	SNCB;SNCB;EIF4E1B;SNCB;SNCB	0.0245003	0.122515	0.636558	-1.57095	0.713663	0.905315	-1.10459	0.532149	0.842996	-1.18624	0.880739	1.04135	1.04135	0.763485	1.08486	1.08486	0.170772	0.674571	-1.48242	0.00186143	0.303713	-3.29258	0.00852325	0.404108	-2.47459	0.14339	1.52868	1.52868	4.3879	5.06263	1.02557	1
cg23170988	SNCG	0.00090966	0.000654429	1.93356	1.93356	0.000654074	1.93367	1.93367	0.294623	1.14707	1.14707	0.156523	1.21084	1.21084	0.00107631	0.543573	-1.83968	0.6277	1.06363	1.06363	0.669216	0.947194	-1.05575	0.00321013	1.6615	1.6615	0.319757	0.878282	-1.13859	12.0862	3.05022	0.224331	1
cg07092097	SNCG	0.0248986	0.102506	0.781014	-1.28039	0.26782	0.85242	-1.17313	0.0786014	0.763198	-1.31028	0.0287714	0.699948	-1.42868	0.699919	1.05504	1.05504	0.591568	1.07781	1.07781	0.00295647	1.75847	1.75847	0.184945	0.823253	-1.21469	0.941226	0.989852	-1.01025	4.36339	1.32243	0.269398	1
cg25792367	SND1	0.000128625	0.00213932	1.4364	1.4364	8.45E-05	1.81023	1.81023	0.166665	0.883551	-1.1318	0.717523	1.03097	1.03097	0.828455	1.01839	1.01839	0.000383997	1.60937	1.60937	0.139341	0.874961	-1.14291	4.22E-05	1.92332	1.92332	0.000265648	1.65332	1.65332	20.6957	2.3107	0.0992454	1
cg16458002	SND1	0.000194857	0.855814	0.985246	-1.01498	0.0079559	1.32056	1.32056	0.563263	1.04891	1.04891	0.000112523	1.74113	1.74113	0.80586	1.02033	1.02033	0.276635	1.09688	1.09688	0.000312053	1.6125	1.6125	8.89E-05	1.7745	1.7745	5.62E-05	1.84368	1.84368	18.5014	1.95691	0.0940189	1
cg07399816	SND1	0.000249492	0.0144477	0.360333	-2.77521	0.000846165	0.172284	-5.80438	0.784978	1.09373	1.09373	0.617453	0.847806	-1.17952	5.86E-06	0.0215381	-46.4294	0.315773	1.40692	1.40692	0.808303	0.923466	-1.08288	0.0751011	1.9349	1.9349	0.768934	1.10132	1.10132	21.9992	36.5768	1.29316	1
cg22539431	SND1	0.000254558	0.000164431	0.289869	-3.44983	0.178167	1.31753	1.31753	0.00012967	0.277602	-3.60227	0.000556019	0.356125	-2.808	0.0133751	0.554035	-1.80494	0.00886575	0.526212	-1.90037	0.0205316	0.583964	-1.71243	0.0632144	1.49588	1.49588	0.000435518	0.342411	-2.92047	17.205	10.1233	0.523018	1
cg06261500	SND1	0.00103274	0.00404242	0.267262	-3.74165	0.0013062	0.201966	-4.95132	0.347765	0.718633	-1.39153	0.0869082	1.90819	1.90819	0.00236547	0.234769	-4.2595	0.654743	1.1663	1.1663	0.0127502	0.34728	-2.87952	0.000869946	5.51418	5.51418	0.604363	0.836403	-1.1956	11.6595	21.5695	1.64441	1
cg18030799	SND1	0.00164233	0.250226	0.768136	-1.30185	0.00318002	0.412931	-2.42171	0.0100674	0.49016	-2.04015	0.0422134	0.598237	-1.67158	0.0483003	0.609325	-1.64116	0.405488	0.829569	-1.20545	0.000164309	4.09851	4.09851	0.861117	1.03919	1.03919	0.594843	0.888834	-1.12507	10.2091	7.79323	0.67854	1
cg25652024	SND1	0.00283523	0.569464	0.722255	-1.38455	0.20074	2.14863	2.14863	0.108446	2.69404	2.69404	0.741578	0.829203	-1.20598	0.382541	0.602402	-1.66002	0.955357	0.968813	-1.03219	8.05E-05	56.1535	56.1535	0.00202904	11.7394	11.7394	0.472268	1.51254	1.51254	8.7027	44.1498	4.50943	1
cg05986781	SND1	0.00298201	0.00013696	5.17936	5.17936	0.385544	1.24831	1.24831	0.0200743	2.01241	2.01241	0.0895593	0.627094	-1.59466	0.994324	0.998228	-1.00178	0.0796444	1.62416	1.62416	0.646807	1.1219	1.1219	0.00204986	2.95383	2.95383	0.678198	1.10963	1.10963	8.57344	8.44013	0.875067	1
cg11534481	SND1	0.00309035	0.0439018	0.600526	-1.66521	0.0804259	1.53267	1.53267	0.529444	1.1506	1.1506	0.475823	0.852432	-1.17311	5.47E-05	0.191194	-5.23028	0.267066	0.77522	-1.28996	0.844378	1.04423	1.04423	0.920957	1.0221	1.0221	0.122808	0.692002	-1.44508	8.48303	6.51458	0.682626	1
cg22951727	SND1	0.00381737	0.0055641	0.569059	-1.75729	0.856811	1.02835	1.02835	0.171256	1.25295	1.25295	0.976573	0.995465	-1.00456	0.487686	0.896599	-1.11533	0.200897	1.23258	1.23258	0.000163188	0.369491	-2.70643	0.160049	1.26158	1.26158	0.368177	1.15383	1.15383	7.96374	3.02243	0.337354	1
cg00893242	SND1	0.00417384	0.000488812	7.04598	7.04598	0.0133086	2.99224	2.99224	0.15665	1.71845	1.71845	0.368918	0.719079	-1.39067	0.251649	0.65182	-1.53417	0.0739231	2.0377	2.0377	0.775176	0.902728	-1.10775	0.00108352	5.60637	5.60637	0.246614	1.54184	1.54184	7.75232	15.6802	1.79791	1
cg00137696	SND1	0.00523335	0.91864	1.02292	1.02292	0.386454	1.21766	1.21766	0.000689068	0.316837	-3.15619	0.989921	1.00281	1.00281	0.50311	0.860076	-1.16269	0.705703	1.0878	1.0878	0.000351862	0.279783	-3.5742	0.776073	0.938702	-1.0653	0.919279	0.977766	-1.02274	7.23698	5.63942	0.692667	1
cg01233922	SND1	0.00855049	0.0152189	0.70965	-1.40915	0.3018	0.884187	-1.13098	0.135507	0.831008	-1.20336	0.0200614	1.38097	1.38097	0.00477241	0.649818	-1.53889	0.0963614	1.23376	1.23376	0.490833	1.08385	1.08385	0.413808	0.908352	-1.10089	0.0070337	0.669713	-1.49318	6.21238	1.30254	0.186371	1
cg01007781	SND1	0.0121697	0.0702865	0.531262	-1.88231	0.0316504	0.454949	-2.19805	0.0108123	0.367609	-2.72028	0.970171	0.988379	-1.01176	0.00197229	0.254899	-3.92313	0.043218	0.483363	-2.06884	0.0335939	0.460262	-2.17267	0.261006	0.693185	-1.44262	0.00279454	0.275803	-3.62578	5.54814	8.58687	1.37573	1
cg05306024	SND1	0.0125973	0.210663	1.16913	1.16913	0.00760664	1.50172	1.50172	0.228107	1.16168	1.16168	0.259921	1.14938	1.14938	0.399826	0.902934	-1.1075	0.0212729	0.720385	-1.38815	0.432183	0.909404	-1.09962	0.213936	0.856395	-1.16769	0.00322874	1.60963	1.60963	5.48617	1.21947	0.197582	1
cg19044696	SND1	0.0142021	0.862291	0.985179	-1.01504	0.0911858	1.17352	1.17352	0.843229	1.01717	1.01717	0.0380924	1.22968	1.22968	0.00759417	1.3435	1.3435	0.064628	0.836517	-1.19543	0.0064872	0.737625	-1.3557	0.136001	1.14817	1.14817	0.643281	0.960684	-1.04092	5.27496	0.617942	0.10413	1
cg15181393	SND1	0.0172776	0.028789	0.469952	-2.12788	0.00796107	0.369244	-2.70824	0.0100218	0.385975	-2.59084	0.658983	0.87804	-1.1389	0.0248574	0.457468	-2.18595	0.571911	0.845969	-1.18208	0.0281728	0.468094	-2.13632	0.0530789	1.90346	1.90346	0.564273	0.843091	-1.18611	4.94261	6.71342	1.20735	1
cg13917099	SND1	0.0193057	0.103319	0.563356	-1.77508	0.107538	1.76066	1.76066	0.444994	0.7782	-1.28502	0.162621	0.618726	-1.61622	0.000794735	0.195534	-5.1142	0.613164	1.17844	1.17844	0.122152	1.7153	1.7153	0.964741	0.985864	-1.01434	0.767181	0.908807	-1.10034	4.76128	7.82216	1.46033	1
cg14634918	SND1	0.0197525	0.836027	0.951069	-1.05145	0.176683	0.706351	-1.41573	0.00314749	0.376456	-2.65636	0.298912	0.770577	-1.29773	0.387512	1.23912	1.23912	0.141807	1.46573	1.46573	0.144241	1.46184	1.46184	0.724966	1.08927	1.08927	0.00656416	0.42545	-2.35045	4.72449	4.38428	0.824879	1
cg20503288	SND1	0.0197814	0.21255	0.723528	-1.38212	0.00375838	0.381324	-2.62244	0.0192838	0.497759	-2.009	0.0229624	0.511457	-1.9552	0.0115046	0.45881	-2.17955	0.792152	1.06726	1.06726	0.361087	1.26037	1.26037	0.440414	1.21401	1.21401	0.218513	0.726871	-1.37576	4.72216	4.54355	0.855269	1
cg00315936	SND1	0.0215769	0.0122646	0.560817	-1.78311	0.126403	1.35873	1.35873	0.0910135	1.41219	1.41219	0.304483	1.21793	1.21793	0.947431	1.0123	1.0123	0.111304	1.37931	1.37931	0.0474713	0.65682	-1.52249	0.0170542	0.583216	-1.71463	0.203867	0.779878	-1.28225	4.58435	2.49558	0.483884	1
cg19414711	SND1	0.0218558	0.023861	0.131617	-7.59781	0.00370662	0.0523794	-19.0915	0.0144585	0.10365	-9.64789	0.0701478	0.218116	-4.58472	0.0177244	0.114286	-8.74996	0.0376359	0.163037	-6.13359	0.0174621	0.113475	-8.81249	0.0807777	0.233059	-4.29075	0.0674332	0.214119	-4.67031	4.56422	40.893	7.96396	1
cg07631119	SND1	0.0317804	0.0403214	0.470011	-2.12761	0.393348	0.75677	-1.32141	0.372336	1.33902	1.33902	0.427017	1.29499	1.29499	0.000950772	0.20804	-4.80676	0.948229	0.979515	-1.02091	0.372611	0.746948	-1.33878	0.394751	0.757425	-1.32026	0.188207	0.64118	-1.55962	4.00373	6.44231	1.43029	1
ch.7.2635062R	SND1	0.0404838	0.00610555	0.172457	-5.79854	0.0245996	0.268588	-3.72317	0.0794872	0.384481	-2.60091	0.0123398	0.21654	-4.61808	0.198217	0.512855	-1.94987	0.102586	0.415969	-2.40402	0.0243812	0.267851	-3.73342	0.097331	0.409246	-2.44352	0.207594	0.520719	-1.92042	3.66685	14.0042	3.39479	1
cg11539674	SND1	0.0447735	0.109054	3.68883	3.68883	0.0629422	4.77143	4.77143	0.0512406	5.24938	5.24938	0.874898	1.12489	1.12489	0.0175432	0.115443	-8.66226	0.2288	2.56867	2.56867	0.276358	2.32971	2.32971	0.0228311	7.6492	7.6492	0.770259	1.2445	1.2445	3.53219	31.2118	7.85458	1
cg15364355	SND1	0.0459589	0.130398	0.432393	-2.31271	0.151645	0.454559	-2.19994	0.276918	0.559675	-1.78675	0.469269	0.685312	-1.45919	0.00263757	0.118125	-8.46558	0.0408534	0.297741	-3.35863	0.0124204	0.202515	-4.9379	0.143172	0.445952	-2.24239	0.170828	0.473077	-2.11382	3.49776	14.5927	3.70845	1
cg06768393	SND1	0.0463242	0.0337553	0.254896	-3.92316	0.330413	0.574808	-1.73971	0.168743	0.445529	-2.24452	0.763195	0.846542	-1.18128	0.00838106	0.156148	-6.40418	0.987242	0.991224	-1.00885	0.0112968	0.173898	-5.75049	0.436102	0.645293	-1.54968	0.0170123	0.201021	-4.97462	3.48737	16.789	4.27932	1
cg02176148	SND1;LRRC4	0.0147496	0.107461	0.248402	-4.02573	0.213814	0.354288	-2.82256	0.564482	0.630169	-1.58688	0.0843672	0.220139	-4.54259	0.00528289	0.0542061	-18.4481	0.0904431	0.227886	-4.38815	0.000985295	0.020597	-48.5508	0.218171	2.79221	2.79221	0.0936218	0.231844	-4.31325	5.20959	51.8499	8.84691	1
cg03326399	SND1;MIR593	0.0331929	0.493678	0.868925	-1.15085	0.00441826	2.15537	2.15537	0.576405	0.89219	-1.12084	0.576755	1.12072	1.12072	0.0118719	1.88666	1.88666	0.74518	0.93621	-1.06814	0.0253613	1.71126	1.71126	0.137336	1.38189	1.38189	0.693048	0.922943	-1.08349	3.94179	2.55054	0.575157	1
cg26860994	SND1;SND1	0.0213378	0.187984	0.577721	-1.73094	0.667559	1.18522	1.18522	0.262684	0.631753	-1.5829	0.552648	0.789594	-1.26647	0.00183706	0.175495	-5.69817	0.104467	2.00961	2.00961	0.00908148	0.271505	-3.68317	0.187468	0.577307	-1.73218	0.0933026	0.483853	-2.06675	4.60187	11.2719	2.17727	1
cg19075225	SNED1	1.50E-05	0.000105596	4.69643	4.69643	0.000685309	3.22677	3.22677	0.000352385	3.65777	3.65777	0.000282223	3.82129	3.82129	0.0665362	1.59164	1.59164	7.04E-05	0.194308	-5.14648	0.000220622	0.249009	-4.01592	5.01E-05	5.57651	5.57651	0.00396325	2.39943	2.39943	36.5331	29.5241	0.718353	1
cg13850887	SNED1	4.35E-05	0.789818	1.04193	1.04193	1.02E-05	0.233794	-4.27728	0.0019855	0.510946	-1.95715	0.14213	1.27459	1.27459	0.084448	0.745699	-1.34102	2.31E-06	0.170253	-5.87363	0.477142	0.894823	-1.11754	0.666287	0.935473	-1.06898	0.00640325	0.579639	-1.72521	27.6246	10.3412	0.332753	1
cg08233654	SNED1	0.000282473	0.000881818	0.477923	-2.09239	0.00177941	0.51744	-1.93259	0.381793	0.875593	-1.14208	0.282031	0.847403	-1.18008	0.00174173	0.516226	-1.93714	6.53E-06	0.226135	-4.42214	0.750718	0.95389	-1.04834	0.0186639	0.655551	-1.52543	0.662651	0.937053	-1.06718	16.7232	5.81012	0.308825	1
cg01661844	SNED1	0.000777926	0.263651	0.790609	-1.26485	0.444954	1.17001	1.17001	0.50424	0.872278	-1.14642	0.839895	0.960033	-1.04163	0.000433134	0.325598	-3.07127	0.209795	0.76605	-1.3054	9.60E-05	0.246692	-4.05364	0.387814	1.19539	1.19539	0.000307111	0.306767	-3.2598	12.6311	8.13319	0.572357	1
cg06127335	SNED1	0.00234204	0.000239201	0.0811678	-12.3202	0.271596	0.623401	-1.60411	0.254297	0.611699	-1.63479	0.466447	0.736379	-1.358	0.0060688	0.227736	-4.39106	0.000536068	0.108146	-9.24673	0.0449582	0.386689	-2.58606	0.969865	0.984523	-1.01572	0.0034056	0.193287	-5.17367	9.20696	24.8613	2.40024	1
cg23492351	SNED1	0.00281222	0.580075	0.772348	-1.29475	0.501042	1.37119	1.37119	0.0328382	0.315395	-3.17063	0.723349	1.17856	1.17856	0.00317849	0.155302	-6.43906	0.0032612	0.156608	-6.38535	0.000152326	0.0496481	-20.1417	0.356394	0.645021	-1.55034	0.0367971	0.325898	-3.06845	8.72371	29.5205	3.00794	1
cg23491743	SNED1	0.00357079	?	?	?	0.000926431	13.5029	13.5029	0.0460706	2.6732	2.6732	?	?	?	?	?	?	0.0951373	2.15023	2.15023	0.475466	0.750212	-1.33296	0.00102834	12.7357	12.7357	0.00621196	5.41506	5.41506	16.7986	24.9764	1.23901	1
cg17053285	SNED1	0.00375023	0.0036805	3.02275	3.02275	0.63749	1.14308	1.14308	0.121622	1.6045	1.6045	0.0048318	2.86672	2.86672	0.0262436	2.10183	2.10183	0.0261278	0.475405	-2.10347	0.919715	1.02881	1.02881	0.000592095	4.4578	4.4578	0.278151	1.374	1.374	8.00632	10.0657	1.11752	1
cg01305291	SNED1	0.00400647	0.000549969	2.09127	2.09127	0.0155985	1.50338	1.50338	0.123004	0.794732	-1.25829	0.00170668	1.85134	1.85134	0.0782947	1.30858	1.30858	0.637957	1.06734	1.06734	0.872566	0.97817	-1.02232	0.405784	1.12406	1.12406	0.00739644	1.60719	1.60719	7.84867	2.3501	0.266157	1
cg17386250	SNED1	0.00462228	0.87717	0.970947	-1.02992	0.0344545	0.624899	-1.60026	0.0741159	1.46138	1.46138	0.334765	0.827271	-1.20879	0.00212855	0.439167	-2.27704	0.00381599	0.475399	-2.1035	0.0167964	1.74411	1.74411	0.110667	1.39284	1.39284	0.227902	1.27286	1.27286	7.51628	4.32558	0.511551	1
cg26464998	SNED1	0.00599777	0.149552	0.435018	-2.29876	0.00983477	0.17243	-5.79945	0.120219	0.403338	-2.47931	0.699045	0.811173	-1.23278	0.000439171	0.050212	-19.9156	0.667424	0.792263	-1.26221	0.00112424	0.0755298	-13.2398	0.569305	0.733576	-1.36319	0.0312995	0.25643	-3.8997	6.93996	31.8951	4.08521	1
cg25440278	SNED1	0.00890224	0.00138016	2.21476	2.21476	0.0790553	0.715877	-1.39689	0.994138	1.00126	1.00126	0.909995	1.01957	1.01957	0.0104991	1.73677	1.73677	0.443398	0.874631	-1.14334	0.00678457	1.82467	1.82467	0.954821	0.990335	-1.00976	0.283381	0.826089	-1.21052	6.13359	2.85434	0.413656	1
cg15550398	SNED1	0.012078	0.347725	1.34698	1.34698	0.0187016	2.40602	2.40602	0.0642794	1.8974	1.8974	0.345885	1.3486	1.3486	0.420277	0.775945	-1.28875	0.506673	1.23067	1.23067	0.951655	0.981494	-1.01885	0.00801842	2.84808	2.84808	0.000569525	5.17678	5.17678	5.56179	8.36057	1.33619	1
cg24401641	SNED1	0.0124309	0.160038	0.604928	-1.65309	0.248821	0.667882	-1.49727	0.095152	0.541175	-1.84783	0.602442	0.838637	-1.19241	0.00030462	0.140185	-7.13343	0.073099	0.512054	-1.95292	0.0104677	0.339928	-2.9418	0.120569	0.569047	-1.75732	0.0399728	0.451595	-2.21437	5.50997	9.7849	1.57854	1
cg04372536	SNED1	0.0127227	0.234169	1.36238	1.36238	0.129065	1.50182	1.50182	0.354875	0.789789	-1.26616	0.268609	1.33069	1.33069	0.0518012	0.577679	-1.73106	0.221159	1.3756	1.3756	0.000900176	0.291718	-3.42796	0.0922871	1.58317	1.58317	0.436428	0.821308	-1.21757	5.46849	5.32465	0.865507	1
cg17257554	SNED1	0.0143618	0.0610188	1.69345	1.69345	0.0890571	1.59659	1.59659	0.412769	1.23234	1.23234	0.263789	1.33727	1.33727	0.141806	0.674287	-1.48305	0.63653	1.1261	1.1261	0.000767403	0.280492	-3.56516	0.306427	1.30236	1.30236	0.685341	0.903362	-1.10698	5.25558	5.18123	0.876314	1
cg21304158	SNED1	0.017427	0.78187	1.08195	1.08195	0.000659649	4.39503	4.39503	0.0567922	1.84379	1.84379	0.231717	1.42755	1.42755	0.50221	0.824265	-1.2132	0.0889761	1.70291	1.70291	0.278259	1.37705	1.37705	0.0104247	2.4973	2.4973	0.96711	1.01177	1.01177	4.92837	6.28592	1.13374	1
cg16674475	SNED1	0.0206854	0.302671	1.20369	1.20369	0.225601	1.24728	1.24728	0.370503	0.852418	-1.17313	0.025492	0.630686	-1.58558	0.00235517	0.478646	-2.08923	0.00858828	0.558763	-1.78967	0.816515	1.04118	1.04118	0.613385	0.915335	-1.0925	0.438861	0.871884	-1.14694	4.65092	2.22085	0.424452	1
cg05854427	SNED1	0.0269662	0.0349279	0.535407	-1.86774	0.0111376	2.2451	2.2451	0.272629	1.3367	1.3367	0.136079	0.664826	-1.50415	0.418997	1.23353	1.23353	0.204148	1.40579	1.40579	0.0207717	2.02881	2.02881	0.0480072	1.77622	1.77622	0.388005	1.25217	1.25217	4.24353	4.34157	0.909426	1
cg11046579	SNED1	0.0284839	0.235242	0.712221	-1.40406	0.670508	0.88981	-1.12384	0.55545	0.849855	-1.17667	0.372465	0.778969	-1.28375	0.000590885	0.235124	-4.25308	0.0750653	0.582303	-1.71732	0.0253304	0.484192	-2.0653	0.278685	0.735453	-1.35971	0.191269	0.685606	-1.45856	4.16256	4.90611	1.04767	1
cg10717312	SNED1	0.0312807	0.0478947	3.66677	3.66677	0.606158	1.34819	1.34819	0.333079	1.7746	1.7746	0.274945	1.92037	1.92037	0.874737	1.09486	1.09486	0.590782	1.36592	1.36592	0.00126362	14.9288	14.9288	0.00842786	6.90843	6.90843	0.227286	2.07124	2.07124	4.02646	21.0449	4.6459	1
cg02532017	SNED1	0.0330271	0.630964	1.23374	1.23374	0.0137216	3.75281	3.75281	0.0330616	2.94935	2.94935	0.0899017	2.2508	2.2508	0.301123	0.628153	-1.59197	0.260938	1.66335	1.66335	0.686637	1.19245	1.19245	0.00561943	4.84357	4.84357	0.0270925	3.11286	3.11286	3.94889	11.7796	2.65157	1
cg19322479	SNED1	0.0332612	0.258763	0.516532	-1.93599	0.0083387	0.151035	-6.621	0.262409	0.51936	-1.92545	0.197978	0.466329	-2.14441	0.0113739	0.169244	-5.90861	0.292404	0.542027	-1.84493	0.00395539	0.113822	-8.78563	0.60075	1.34454	1.34454	0.226233	0.490453	-2.03893	3.93888	19.6098	4.42536	1
cg23752696	SNED1	0.0362597	0.0243406	0.333412	-2.99929	0.00840278	0.252131	-3.96618	0.047224	0.394834	-2.53271	0.0367073	0.370332	-2.70028	0.0222796	0.325908	-3.06835	0.174975	0.554092	-1.80475	0.0189662	0.312627	-3.1987	0.0419349	0.383092	-2.61034	0.150984	0.532652	-1.8774	3.81785	10.1289	2.35825	1
cg11207793	SNED1	0.0447131	0.97244	1.01271	1.01271	0.0602194	2.17067	2.17067	0.091314	1.97382	1.97382	0.020132	2.78716	2.78716	0.560447	1.24018	1.24018	0.183856	1.67454	1.67454	0.52456	1.26592	1.26592	0.00491378	3.90649	3.90649	0.014768	2.99533	2.99533	3.53398	7.48371	1.88235	1
cg14877755	SNED1	0.0447984	0.0684736	0.421724	-2.37122	0.777701	1.12729	1.12729	0.0176954	0.294865	-3.39138	0.739865	1.15149	1.15149	0.309499	0.640693	-1.56081	0.0954786	0.460559	-2.17127	0.00363269	0.189027	-5.29024	0.879281	0.937688	-1.06645	0.0718605	0.427131	-2.3412	3.53145	10.0227	2.52277	1
cg26058474	SNED1	0.0460793	0.778924	1.2279	1.2279	0.0344647	6.04462	6.04462	0.0599706	4.70248	4.70248	0.537607	1.5767	1.5767	0.885684	0.900376	-1.11065	0.668939	1.36862	1.36862	0.61104	0.687861	-1.45378	0.00520961	14.7229	14.7229	0.012901	9.50631	9.50631	3.49433	29.4518	7.49197	1
cg09028445	SNED1	0.0471526	0.00567668	0.371054	-2.69503	0.0642044	0.566515	-1.76518	0.107307	0.618605	-1.61654	0.713885	1.10585	1.10585	0.0157447	0.445488	-2.24473	0.196098	0.688306	-1.45284	0.0311565	0.501039	-1.99585	0.254174	0.722278	-1.38451	0.97333	0.990907	-1.00918	3.46418	4.09619	1.05106	1
cg12731833	SNF8	0.000106596	0.0387012	0.736885	-1.35706	0.246727	0.856869	-1.16704	0.659253	1.05822	1.05822	0.213991	1.18159	1.18159	0.000480669	2.0108	2.0108	0.0183642	1.44038	1.44038	6.70E-06	0.279187	-3.58183	0.00388273	1.64204	1.64204	0.0946628	1.26397	1.26397	21.7653	5.60621	0.228956	1
cg26043567	SNF8	0.00284694	0.620385	1.12809	1.12809	0.129537	0.673446	-1.4849	0.131314	1.48177	1.48177	0.00856519	2.24691	2.24691	0.000145897	0.206404	-4.84487	0.0611762	1.66407	1.66407	0.663877	0.899833	-1.11132	0.19558	1.39153	1.39153	0.804543	0.941903	-1.06168	8.69208	8.02136	0.820298	1
cg04859757	SNF8	0.00480554	0.114396	1.34601	1.34601	0.440932	1.14567	1.14567	0.00993189	1.75688	1.75688	0.0941111	1.37507	1.37507	0.00120486	0.440168	-2.27186	0.887094	1.02489	1.02489	0.0251946	0.630878	-1.58509	0.168262	1.28927	1.28927	0.0239641	0.627456	-1.59374	7.4279	3.52264	0.42155	1
cg07967210	SNF8	0.0100777	0.00425651	3.33213	3.33213	0.115904	1.71206	1.71206	0.900052	0.961234	-1.04033	0.700727	1.12921	1.12921	0.710639	0.889355	-1.12441	0.795931	0.921688	-1.08497	0.486099	0.80036	-1.24944	0.000677582	5.12798	5.12798	0.0186366	2.45325	2.45325	5.89601	9.24542	1.39385	1
cg07925134	SNF8	0.0101525	0.476171	0.86404	-1.15735	0.0253246	1.70968	1.70968	0.00141957	2.53802	2.53802	0.101156	1.43633	1.43633	0.804225	0.951136	-1.05137	0.0400667	1.61379	1.61379	0.0369438	0.613387	-1.63029	0.0225526	1.73498	1.73498	0.213105	1.30276	1.30276	5.88206	3.7904	0.5728	1
cg11746480	SNF8	0.0104109	0.00163254	0.296203	-3.37606	0.124779	1.56529	1.56529	0.314604	0.755486	-1.32365	0.221673	1.41389	1.41389	0.314419	1.3238	1.3238	0.327025	1.31367	1.31367	0.0681364	0.576504	-1.73459	0.00785796	2.50837	2.50837	0.384809	1.27157	1.27157	5.83486	6.71845	1.0235	1
cg23450974	SNF8	0.0199747	0.139237	0.902489	-1.10805	0.0553079	0.869308	-1.15034	0.682422	0.973826	-1.02688	0.670209	0.97276	-1.028	0.984929	0.998783	-1.00122	0.838004	1.01329	1.01329	0.26863	1.07711	1.07711	0.155969	0.906776	-1.10281	0.000917635	1.37624	1.37624	4.70659	0.309835	0.0585156	1
cg10862723	SNF8	0.0214246	0.661557	1.08159	1.08159	0.409371	1.16211	1.16211	0.0252211	1.60621	1.60621	0.157853	0.764237	-1.30849	0.178491	0.775284	-1.28985	0.872781	0.971869	-1.02894	0.00103817	0.42112	-2.37462	0.892028	0.976108	-1.02448	0.953173	0.989598	-1.01051	4.59548	2.30752	0.446337	1
cg23581793	SNHG10;SCARNA13;SNHG10	0.0416783	0.00269576	0.229101	-4.36488	0.380044	0.726122	-1.37718	0.491351	0.780031	-1.282	0.821072	0.922644	-1.08384	0.0104351	0.31791	-3.14554	0.927665	1.0328	1.0328	0.0482659	0.44836	-2.23035	0.38078	0.726499	-1.37646	0.0703547	0.487289	-2.05217	3.62765	7.25746	1.77831	1
cg10566776	SNHG11	0.00193028	0.392892	0.778164	-1.28508	0.0509552	0.528806	-1.89105	0.297686	0.733904	-1.36258	0.296212	0.73316	-1.36396	3.62E-05	0.102231	-9.7818	0.173344	0.66023	-1.51462	0.194632	1.48168	1.48168	0.203536	0.680719	-1.46904	0.00310774	0.313747	-3.18728	9.74202	12.6708	1.15612	1
cg13581507	SNHG11;SNORA39	0.00952414	0.126618	0.857752	-1.16584	0.613144	1.04848	1.04848	0.213525	0.885474	-1.12934	0.0519192	1.22798	1.22798	0.717769	0.966857	-1.03428	0.851576	1.01755	1.01755	0.000210837	0.562522	-1.77771	0.871131	0.985038	-1.01519	0.399783	0.923079	-1.08333	6.00334	0.819838	0.12139	1
cg17459893	SNHG12;SNORA16A	7.68E-05	0.892362	1.03374	1.03374	0.511502	1.17766	1.17766	0.0514181	1.74138	1.74138	0.025226	0.511508	-1.955	?	?	?	1.36E-06	0.0283616	-35.259	0.973914	1.00805	1.00805	0.782359	1.07025	1.07025	0.993165	1.0021	1.0021	32.0847	26.5551	0.7242	1
cg22033189	SNHG12;SNORA16A	0.00110529	0.633143	1.07194	1.07194	0.131269	1.26541	1.26541	0.276766	1.17755	1.17755	0.230032	0.833649	-1.19955	0.000369681	0.438897	-2.27844	0.0727325	0.748834	-1.33541	6.95E-05	0.35002	-2.85698	0.433899	1.12228	1.12228	0.327613	0.864161	-1.15719	11.4366	3.78078	0.293853	1
cg20497554	SNHG12;SNORA44;SNORA16A	0.00950304	0.564718	0.950163	-1.05245	0.0429343	1.22702	1.22702	0.0705182	0.837359	-1.19423	0.119079	0.861954	-1.16016	0.303176	1.09819	1.09819	0.965274	1.00383	1.00383	0.00271459	0.695123	-1.43859	0.0025329	0.692098	-1.44488	0.0688268	0.836247	-1.19582	6.00758	0.73376	0.108568	1
cg10053149	SNHG12;SNORA44;SNORA16A	0.0137176	0.988979	0.997404	-1.0026	0.502281	0.879718	-1.13673	0.399832	1.17611	1.17611	0.729119	0.936665	-1.06762	0.227751	0.787968	-1.26909	0.000189261	0.305848	-3.2696	0.878861	0.971703	-1.02912	0.420161	1.16767	1.16767	0.89179	1.02595	1.02595	5.33547	2.99331	0.498685	1
cg16724557	SNHG12;SNORA44;SNORA16A;SNORA61	0.000292336	0.308671	1.2052	1.2052	0.309882	0.830151	-1.2046	0.319352	1.19997	1.19997	5.32E-06	0.160818	-6.2182	0.569562	0.903195	-1.10718	0.0225692	1.62225	1.62225	0.0132705	1.72224	1.72224	0.892616	1.02421	1.02421	0.99387	0.99864	-1.00136	16.567	8.2339	0.441783	1
cg19265143	SNHG12;SNORA44;SNORA16A;SNORA61	0.0453119	0.00409169	0.412859	-2.42213	0.0523012	1.66001	1.66001	0.755382	1.0744	1.0744	0.947804	1.01515	1.01515	0.12803	0.685356	-1.45909	0.184978	0.724099	-1.38103	0.594051	0.883794	-1.13149	0.152101	0.703066	-1.42234	0.094529	0.655722	-1.52504	3.51642	2.9367	0.742346	1
cg12640482	SNHG12;SNORD99	0.0402459	0.0153887	0.323282	-3.09327	0.0845124	0.484539	-2.06382	0.0737008	0.469044	-2.132	0.139762	0.546971	-1.82825	0.0086747	0.280745	-3.56195	0.118927	0.525898	-1.90151	0.00769564	0.272434	-3.67061	0.636443	0.834604	-1.19817	0.0809806	0.479646	-2.08487	3.67483	8.39179	2.02985	1
cg26328951	SNHG12;SNORD99;SNORA61	6.60E-05	7.64E-06	0.0817261	-12.236	0.031215	1.9043	1.9043	0.136894	0.664807	-1.5042	0.000778768	0.27384	-3.65177	0.00147809	0.310766	-3.21786	0.333328	1.2895	1.2895	3.13E-05	0.12633	-7.91577	0.0626484	0.586387	-1.70536	0.00102169	0.289179	-3.45807	24.7354	25.4321	0.913926	1
cg07033395	SNHG12;SNORD99;SNORA61	9.44E-05	2.81E-06	0.15239	-6.56211	0.0064294	0.552135	-1.81115	0.0049954	0.536557	-1.86374	0.931755	1.01446	1.01446	0.0295091	0.650828	-1.53651	0.672931	0.931323	-1.07374	0.000254905	0.364354	-2.74458	0.0490285	0.686202	-1.4573	0.000135333	0.33043	-3.02636	22.4857	10.0004	0.395331	1
cg15601452	SNHG12;SNORD99;SNORA61	0.000328088	7.48E-05	0.162854	-6.14048	0.00317061	0.361582	-2.76562	0.000663957	0.268401	-3.72578	0.062083	0.588529	-1.69915	0.261742	0.744269	-1.3436	0.000526382	0.255819	-3.90901	9.98E-05	0.175147	-5.70948	0.450651	0.823678	-1.21407	0.00135426	0.309036	-3.23587	16.0516	16.1918	0.896649	1
cg19712659	SNHG12;SNORD99;SNORA61	0.00096229	4.79E-05	0.274092	-3.64841	0.713183	0.939481	-1.06442	0.731265	0.943372	-1.06003	0.488311	0.887768	-1.12642	0.780338	1.04841	1.04841	0.00280336	0.498406	-2.0064	0.000835428	0.42737	-2.3399	0.139983	1.30801	1.30801	0.0359412	0.661922	-1.51075	11.8954	5.38646	0.402506	1
cg23682641	SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1;RCC1;SNHG3-RCC1	0.001463	0.00330538	0.645432	-1.54935	0.938187	0.99155	-1.00852	0.342889	1.11284	1.11284	0.357119	0.901561	-1.10919	0.037187	1.30302	1.30302	0.00180594	1.62506	1.62506	0.00411126	0.656279	-1.52374	0.00114615	0.592692	-1.68722	0.164417	0.850172	-1.17623	10.5552	2.00143	0.168548	1
cg25596287	SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1	0.00252815	0.000716194	0.0717859	-13.9303	0.283681	0.565737	-1.7676	0.0223782	0.246723	-4.05313	0.213757	0.511958	-1.95328	0.00129677	0.0910353	-10.9847	0.196067	0.496998	-2.01208	0.000399326	0.0560628	-17.8372	0.0185775	0.232327	-4.30428	0.00631429	0.162204	-6.16507	9.00232	37.2906	3.68207	1
cg19409133	SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1	0.0359133	0.00541742	0.119608	-8.36063	0.257887	0.504092	-1.98376	0.109474	0.363314	-2.75244	0.371863	0.587456	-1.70225	0.0344188	0.238972	-4.1846	0.225115	0.477497	-2.09425	0.00774815	0.13748	-7.2738	0.0288713	0.224246	-4.4594	0.0360529	0.243008	-4.11508	3.83119	20.4256	4.73902	1
cg07807470	SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1	0.00357148	0.00207682	0.282066	-3.54526	0.0186262	2.29977	2.29977	0.502796	0.819912	-1.21964	0.449367	0.798459	-1.25241	0.0812862	0.568794	-1.75811	0.0265501	0.464108	-2.15467	0.00173223	0.271273	-3.68632	0.439191	1.25905	1.25905	0.00380574	0.319981	-3.12519	8.12448	10.9689	1.2001	1
cg00261690	SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1;RCC1;RCC1;RCC1	0.00136083	0.00263798	0.633671	-1.57811	0.0491526	1.27914	1.27914	0.00346503	0.647244	-1.54501	0.0161783	0.724327	-1.38059	0.196768	1.16138	1.16138	0.0698879	0.800758	-1.24882	0.160907	0.848597	-1.17842	0.335508	0.896844	-1.11502	0.000117107	0.477285	-2.09519	10.7769	2.05124	0.169188	1
cg06219592	SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1;RCC1;RCC1;RCC1	0.00373604	0.220603	0.652407	-1.53279	0.433039	1.30386	1.30386	0.329725	1.39595	1.39595	0.488878	0.792017	-1.2626	0.0819791	0.527747	-1.89485	0.00434785	0.282602	-3.53854	0.000110073	0.104613	-9.55908	0.11277	0.564116	-1.77269	0.566649	1.21177	1.21177	8.01544	13.9622	1.54837	1
cg02931410	SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1;RCC1;RCC1;RCC1	0.0345022	0.299712	0.891321	-1.12193	0.0316083	0.763543	-1.30968	0.124119	0.83673	-1.19513	0.462827	0.923113	-1.08329	0.0238033	0.749174	-1.3348	0.897119	1.01394	1.01394	0.167115	1.17077	1.17077	0.283455	1.1267	1.1267	0.00566417	0.678024	-1.47487	3.88721	0.705505	0.161328	1
cg08935021	SNHG3-RCC1;SNHG3-RCC1;SNHG3;SNHG3-RCC1;SNHG3-RCC1	0.000499346	2.07E-05	0.160611	-6.22624	0.00202495	0.395983	-2.52536	0.107476	0.688084	-1.45331	0.00118341	0.363462	-2.75132	0.0126639	0.51713	-1.93375	0.239984	1.29929	1.29929	0.0072353	0.47832	-2.09065	0.681861	0.916026	-1.09167	0.51325	1.15153	1.15153	14.2957	10.2531	0.637525	1
cg15161854	SNHG3-RCC1;SNHG3;SNHG3-RCC1;RCC1;SNHG3-RCC1	0.0136865	0.00383828	0.196966	-5.07701	0.307299	0.643634	-1.55368	0.00771185	0.239976	-4.16708	0.307326	0.643651	-1.55364	0.00445768	0.205655	-4.8625	0.10406	0.476651	-2.09797	0.00813479	0.24354	-4.10611	0.909232	0.953563	-1.0487	0.0219812	0.318023	-3.14442	5.33944	14.7001	2.44721	1
cg23912171	SNHG3;SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1	0.0135606	0.0363242	0.777733	-1.28579	0.0647927	1.23891	1.23891	0.00680994	1.4364	1.4364	0.924743	1.00981	1.00981	0.0923944	0.825871	-1.21084	0.109367	0.835004	-1.1976	0.0063113	0.69253	-1.44398	0.994003	0.999224	-1.00078	0.863825	0.982425	-1.01789	5.35566	0.904999	0.150205	1
cg23205886	SNHG4;MATR3	0.012742	0.00193194	0.293826	-3.40338	0.320281	0.750765	-1.33197	0.316653	0.749039	-1.33504	0.126747	1.58576	1.58576	0.00387629	0.337622	-2.96189	0.751715	0.915215	-1.09264	0.00959944	0.400417	-2.4974	0.791451	0.928695	-1.07678	0.138407	0.640641	-1.56094	5.46579	6.74482	1.0969	1
cg05585556	SNHG4;SNORA74A;MATR3	0.00329012	0.0117793	0.469899	-2.12812	0.0544567	0.59222	-1.68856	0.015924	0.492264	-2.03143	0.23542	1.3479	1.3479	0.014759	0.48656	-2.05524	0.687223	0.907397	-1.10205	0.000567708	0.277499	-3.60361	0.0113541	2.14032	2.14032	0.64352	0.894146	-1.11839	8.32624	7.60107	0.811472	1
cg17490806	SNHG5;SNORD50B;SNORD50A	0.00386167	0.0303796	1.74661	1.74661	0.0827413	1.51736	1.51736	0.199174	1.3394	1.3394	0.0545772	1.60814	1.60814	0.840732	0.957927	-1.04392	0.00218063	0.378742	-2.64032	0.000734232	0.308801	-3.23833	0.548467	1.13874	1.13874	0.439218	0.844501	-1.18413	9.27803	6.56206	0.550098	1
cg10916494	SNHG5;SNORD50B;SNORD50A	0.0132489	0.301355	0.891156	-1.12214	0.791816	0.971933	-1.02888	0.491354	1.07812	1.07812	0.0786273	0.81042	-1.23393	0.336098	1.11264	1.11264	0.382031	0.90803	-1.10128	0.000244778	0.520869	-1.91987	0.79909	0.972927	-1.02783	0.461092	1.0841	1.0841	5.39659	0.98979	0.163031	1
cg09548799	SNHG6	1.48E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15964163	SNHG6	0.00259749	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21176629	SNHG6	0.00456449	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00060836	SNHG6	0.00863492	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04729070	SNHG6	0.0216101	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00396865	[illegible]	0.0300214	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05585556	SNHG7;SNORA43;SNHG7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11935027	SNHG8;RNA24	0.0289229	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01202182	SNHG9;RPS2;RNF151	0.0116559	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06749098	SNHG9;RPS2;SNORA78	0.0116597	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05034139	SNHG9;RPS2;SNORA78	0.0299614	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg07642705	SNHG9;RPS2;SNORA78;RPS2	0.00596671	0.0163152	0.694781	-1.4393	0.237116	1.16602	1.16602	0.0937589	1.25677
cg00991848	SNHG9;SNORA64;SNORA78;RPS2	0.0270307	0.449357	0.862662	-1.1592	0.0149937	1.77375	1.77375	0.739824	1.06595
cg18865631	SNIP1	8.15E-05	0.794599	1.04328	1.04328	0.0294143	0.659325	-1.5167	0.0367241	0.674303
cg05395998	SNIP1	0.00162403	0.00149289	0.179283	-5.57776	0.00751962	0.274974	-3.63671	0.013725	0.318646
cg20768399	SNIP1	0.00323282	0.00547489	0.197318	-5.06795	0.0011984	0.121392	-8.23778	0.243908	0.581775
cg07827304	SNIP1	0.00469561	0.869077	0.964272	-1.03705	0.0266534	0.560286	-1.7848	0.099222	0.671273
cg00939211	SNIP1	0.00490026	0.0078656	0.58766	-1.70166	0.261155	1.20044	1.20044	0.00082741	2.19232
cg11132411	SNIP1	0.0169114	0.674235	1.06631	1.06631	0.0602005	0.724771	-1.37975	0.0894047	0.752461
cg08113093	SNIP1	0.0307936	0.0300435	0.624847	-1.60039	0.530391	0.889478	-1.12425	0.746891	1.06149
cg20412250	SNIP1	0.0330424	0.660423	1.12524	1.12524	0.164008	0.672756	-1.48642	0.465227	1.21941
cg01062691	SNN	0.00323728	0.00655006	0.750325	-1.33276	0.416012	0.934626	-1.06995	0.000863849	1.5019
cg09816471	SNN	0.00422007	0.0126794	0.462778	-2.16086	0.00772633	0.426977	-2.34205	0.0141577	0.471012
cg01329687	SNN	0.00671172	0.0461982	0.367263	-2.72284	0.206263	0.557309	-1.79434	0.796597	0.892908
cg10506160	SNN	0.0196132	0.290255	1.1272	1.1272	0.540941	1.06985	1.06985	0.189399	1.16376
cg06118584	SNN	0.0353822	0.835466	0.944147	-1.05916	0.00138978	3.59816	3.59816	0.0503008	1.85265
cg00175153	SNORA10;RPS2	0.00695504	0.0114098	0.34705	-2.88143	0.745206	1.11514	1.11514	0.933074	0.972318
cg14386870	SNORA10;SNORA64;RPS2	0.0499341	0.0147981	0.299381	-3.34023	0.0316196	0.362968	-2.75507	0.635868	0.825459
cg18528798	SNORA11;MAGED2;MAGED2;MAGED2	0.0241024	0.720612	1.1932	1.1932	0.132171	0.449673	-2.22384	0.331562	0.610945
cg12167284	SNORA11B;C14orf159;C14orf159;C14orf159;C14orf159;C14orf159	0.0312723	0.170485	0.525545	-1.90279	0.00373215	0.177986	-5.61842	0.0407835	0.353167
cg15952235	SNORA14A;POR	0.0293432	0.921269	1.01764	1.01764	0.694852	0.932652	-1.07221	0.011075	0.569273
cg01657188	SNORA14A;POR	0.0434199	0.493334	0.847845	-1.17946	0.219443	0.736094	-1.35852	0.934275	1.01976
cg10234506	SNORA14B;TOMM20	0.00670484	0.0199817	0.409045	-2.44472	0.316117	1.39091	1.39091	0.560827	1.2059
cg13467780	SNORA14B;TOMM20	0.00736499	0.428893	0.598476	-1.67091	0.687375	1.29325	1.29325	0.284146	0.492976
cg14995921	SNORA15;CCT6A;CCT6A	0.027396	0.968635	0.99279	-1.00726	0.129183	0.739538	-1.3522	0.024014	0.609307
cg13244211	SNORA19;EIF3A	0.0125381	0.0628655	1.4321	1.4321	0.00347229	0.50624	-1.97535	0.0055918	0.53558
cg11095898	SNORA1;SNORA8;SNORD5	0.000411303	0.00427461	0.365056	-2.7393	0.00785655	0.406879	-2.45773	0.978664	0.992974
cg11308170	SNORA1;SNORA8;SNORD5;SNORA18	0.00350819	0.00163431	0.165826	-6.03043	0.0333067	0.371315	-2.69313	0.0630372	0.434829
cg09719956	SNORA1;SNORA8;SNORD6	0.00976651	0.121958	0.626233	-1.59685	0.056632	0.547488	-1.82653	0.0198456	0.456048
cg10529789	SNORA21;RPL23	0.0487483	0.0670836	0.740319	-1.35077	0.272213	1.18227	1.18227	0.774643	0.958818
cg21121943	SNORA22;CCT6P1	0.00250462	0.00196634	0.457718	-2.18475	0.0210174	0.609021	-1.64198	0.0166667	0.593241
cg05740567	SNORA22;CCT6P1	0.00452006	0.959622	1.00609	1.00609	0.00141017	1.74088	1.74088	0.323014	1.13024
cg07962218	SNORA22;CCT6P1	0.0262545	0.0156904	0.354134	-2.82379	0.0288766	0.405277	-2.46745	0.541182	0.805072
cg17718401	SNORA24;SNHG8	0.0356125	0.014426	0.318372	-3.14098	0.248673	0.632722	-1.58047	0.0567488	0.441067
cg10523193	SNORA25	0.000435793	0.376381	0.87936	-1.13719	0.00173548	0.531195	-1.88255	0.288818	0.855609
cg02016130	SNORA26;KIAA0114	0.0320894	0.692008	0.794631	-1.25845	0.099628	2.83475	2.83475	0.444309	1.56869
cg12938239	SNORA26;KIAA0114	0.0379613	0.88611	1.01907	1.01907	0.190723	1.20035	1.20035	0.0674705	1.31
cg00355794	SNORA26;KIAA0114	0.038571	0.575856	1.08322	1.08322	0.0760886	1.322	1.322	0.172975	1.22763
cg21393619	SNORA27;RPL21P28;RPL21;SNORD102	0.0116801	0.700318	0.926679	-1.07912	0.870827	0.968466	-1.03256	0.0558322	1.53201
cg09363424	SNORA27;SNORD102;RPL21P28;RPL21	9.65E-05	0.0057681	1.75456	1.75456	3.12E-06	0.178985	-5.58705	0.00898169	0.596686
cg17628540	SNORA27;SNORD102;RPL21P28;RPL21	0.00103098	0.01597	0.526787	-1.8983	0.00460419	0.440737	-2.26892	0.125254	0.697321
cg18973396	SNORA27;SNORD102;RPL21P28;RPL21	0.0207888	0.264624	0.881488	-1.13445	0.128701	0.836821	-1.195	0.945767	1.00741
cg11075099	SNORA27;SNORD102;RPL21P28;RPL21	0.0349111	0.236036	0.746082	-1.34034	0.422525	1.2132	1.2132	0.0329222	0.555146
cg08864829	SNORA2A;C12orf41	0.0266779	0.829805	1.02985	1.02985	0.0158522	0.667799	-1.49746	0.0259087	0.696735
cg20643444	SNORA2B;C12orf41	0.000794427	0.00155951	0.364151	-2.74611	0.00778569	0.468063	-2.13646	0.00286597	0.401927
cg09674546	SNORA30;SRCAP	0.00799564	0.00279649	0.211297	-4.73267	0.385929	1.39845	1.39845	0.0543243	0.438728
cg00084577	SNORA30;SRCAP	0.0180033	0.819258	1.05774	1.05774	0.000602127	0.273122	-3.66137	0.223764	0.730882
cg03836521	SNORA30;SRCAP	0.0182381	0.833272	1.04025	1.04025	0.0143929	1.75894	1.75894	0.243079	0.795594
cg25773585	SNORA30;SRCAP	0.0250395	0.154858	0.615736	-1.62407	0.009321	0.349766	-2.85905	0.0945498	0.556934
cg09757709	SNORA32;SNORD6;SNORA25	0.0244349	0.244389	1.31937	1.31937	0.00543961	0.435035	-2.29867	0.0221	0.535491
cg10436191	SNORA35;HTR2C	0.027192	0.706979	1.24057	1.24057	0.33032	0.563598	-1.77431	0.362887	0.586368
cg02046218	SNORA36C;AAK1	0.0396622	0.536471	0.751632	-1.33044	0.69457	1.19721	1.19721	0.828477	0.905775
cg10703453	SNORA38;BAT2	0.0113353	0.0439565	0.490415	-2.03909	0.0641723	0.527208	-1.89679	0.440478	1.27394
cg17599748	SNORA38;BAT2	0.0315364	0.519735	0.852762	-1.17266	0.0680035	1.64683	1.64683	0.135266	1.48136
cg05417517	SNORA39;SNHG11	0.0132358	0.0955237	0.412804	-2.42246	0.441583	0.68445	-1.46103	0.572315	0.759053
cg13293885	SNORA39;SNORA60;SNHG11	0.00780772	0.00232876	0.187022	-5.34695	0.875083	1.064	1.064	0.385146	1.42065
cg16394304	SNORA40	0.00661305	0.0407838	0.548969	-1.8216	0.00336378	0.363119	-2.75392	0.00250767	0.344359
cg06894549	SNORA42;KIAA0907	0.000324619	0.00144987	0.258002	-3.87595	5.45E-05	0.109329	-9.14669	0.000559204	0.206854
cg01769968	SNORA42;KIAA0907	0.0137373	0.0207664	0.192082	-5.20612	0.642991	1.31872	1.31872	0.157099	2.45188
cg18616385	SNORA47;ZBED3	0.000556669	0.000581724	0.30315	-3.29869	0.203378	1.35154	1.35154	0.0582202	0.618617
cg17604181	SNORA47;ZBED3	0.00672585	0.250614	0.803502	-1.24455	0.00303557	0.477021	-2.09634	0.0895373	0.710959
cg05573322	SNORA49;EP400	0.001108	0.0123253	1.81766	1.81766	0.00239104	0.44418	-2.25134	0.000999347	0.391804
cg14704124	SNORA49;EP400	0.0121023	0.749786	1.09897	1.09897	0.483658	1.23363	1.23363	0.685267	0.886759
cg11525011	SNORA49;EP400	0.0228156	0.42857	1.29561	1.29561	0.13404	1.67836	1.67836	0.387926	0.753085
cg22832489	SNORA49;EP400	0.0321281	0.130046	0.786842	-1.2709	0.00798592	1.66978	1.66978	0.0521808	1.38606
cg15906260	SNORA4;EIF4A2	0.010065	0.0041562	0.227056	-4.40419	0.0214119	0.34411	-2.90604	0.476321	0.756168
cg04474366	SNORA4;EIF4A2	0.0177708	0.0145937	0.217892	-4.58942	0.00377177	0.138025	-7.24509	0.382428	0.63522
cg03068958	SNORA52;RPLP2	0.00473269	0.249464	1.22048	1.22048	0.00274422	0.504484	-1.98222	0.0814995	0.726421
cg01485797	SNORA52;RPLP2	0.00952601	0.00610491	0.305998	-3.26799	0.00778407	0.322879	-3.09713	0.578146	1.20425
cg20550458	SNORA52;RPLP2	0.0207297	0.32986	0.798251	-1.25274	0.01048	2.0584	2.0584	0.0334776	1.74495
cg13059136	SNORA54;NAP1L4	0.000385285	0.424244	0.79646	-1.25556	0.000844361	0.246683	-4.05379	0.0772907	1.72927
cg02079413	SNORA54;NAP1L4	0.00534863	0.871217	0.939862	-1.06399	0.201051	0.596777	-1.67567	0.0608437	0.445832
cg10247840	SNORA55;PABPC4;PABPC4;PABPC4	3.70E-05	0.00185478	0.494525	-2.02214	0.000570619	0.427244	-2.34058	0.265293	0.831072
cg23640615	SNORA55;PABPC4;PABPC4;PABPC4	0.0030624	0.0197272	0.580327	-1.72317	0.00406616	2.10703	2.10703	0.803881	1.04925
cg16384492	SNORA55;PABPC4;PABPC4;PABPC4	0.0253242	0.919355	0.95606	-1.04596	0.0993144	0.448597	-2.22917	0.0185017	0.281536
cg26734916	SNORA57;C11orf48;METTL12	0.0184555	0.224544	1.29161	1.29161	0.853513	0.963607	-1.03777	0.757719	1.06403
cg13720293	SNORA57;C11orf48;METTL12	0.0406821	0.22303	0.618469	-1.6169	0.109404	0.519411	-1.92526	0.55473	1.25136
cg25372607	SNORA59B;SNORA59A;SLC47A1	4.58E-06	0.00529192	0.716235	-1.39619	0.0825773	1.19072	1.19072	0.695785	1.03632
cg24793014	SNORA59B;SNORA59A;SLC47A1	0.000539699	0.0037761	0.51588	-1.93844	0.000103333	0.312463	-3.20038	0.0213748	0.626043
cg05489022	SNORA59B;SNORA59A;SLC47A1	0.0115409	0.0407939	0.525799	-1.90187	0.0531823	0.549908	-1.81849	0.842196	0.947184
cg09028132	SNORA60;SNHG11	0.00098844	0.00425481	0.259947	-3.84694	0.0013984	0.19589	-5.10491	0.0440274	0.442645
cg24082174	SNORA63;MIR1248;EIF4A2;SNORA81	0.0196241	0.0204684	0.406732	-2.45862	0.00609382	0.315576	-3.16881	0.147155	0.605858
cg00670721	SNORA63;MIR1248;EIF4A2;SNORA81;SNORA4	0.0174468	0.055014	0.434682	-2.30053	0.120795	1.9046	1.9046	0.189868	1.70183
cg27374881	SNORA63;MIR1248;EIF4A2;SNORA81;SNORA4	0.0214622	0.0836928	0.549541	-1.8197	0.0292174	0.447744	-2.23342	0.617322	0.85424
cg19792027	SNORA69;RPL39	7.96E-05	5.83E-06	0.0698322	-14.3201	0.0290264	0.510602	-1.95847	0.388099	0.7937
cg17578642	SNORA69;RPL39	0.00185144	0.000154188	0.143539	-6.96674	0.223231	0.681758	-1.4668	0.102578	0.585847
cg17616205	SNORA6;RPSA;RPSA	0.000441487	0.021653	0.601736	-1.66186	0.000378455	2.84715	2.84715	0.00196479	2.23899
cg00063111	SNORA6;RPSA;RPSA	0.00394512	0.127278	0.754805	-1.32484	0.00952423	0.571105	-1.75099	0.255234	1.2246
cg04580897	SNORA6;RPSA;RPSA	0.0128486	0.279537	0.665556	-1.5025	0.0575187	0.45936	-2.17694	0.100078	0.520721
cg14662886	SNORA6;RPSA;RPSA	0.0155891	0.0115597	0.202425	-4.94009	0.006824	0.169866	-5.887	0.0147054	0.218933
cg09755579	SNORA70B;USP34	0.000416959	0.262423	0.866516	-1.15405	0.00402262	0.622623	-1.60611	0.044539	0.753628
cg05059644	SNORA70B;USP34	0.0059487	0.841097	1.02712	1.02712	0.208261	0.837924	-1.19343	0.0335113	0.718171
cg19942830	SNORA72;RPL30	0.0112388	0.000216201	0.405812	-2.4642	0.43148	0.889317	-1.12446	0.718737	0.948533
cg05595191	SNORA74B;ATP6V0E1	0.0112661	0.244542	0.652932	-1.53155	0.000669891	0.161639	-6.18662	0.10076	0.532893
cg26504248	SNORA76	0.000466802	0.988101	1.00205	1.00205	0.000328842	0.450916	-2.21771	0.00112342	0.517629
cg09783537	SNORA76;SNORD104	0.038766	0.660046	1.109	1.109	0.168947	0.709937	-1.40858	0.584608	0.878943
cg09516696	SNORA80;URB1	0.00876368	0.547363	0.838433	-1.1927	0.38326	1.29532	1.29532	0.0972309	1.69339
cg00530918	SNORA8;SNORA18;MIR1304;SNORD5	7.01E-05	1.08E-05	0.231519	-4.3193	0.335368	0.856508	-1.16753	0.00264072	0.5227
cg02766482	SNORA8;SNORA18;SNORD5	0.00345089	0.00301705	0.225227	-4.43996	0.0358507	0.408532	-2.44779	0.00501582	0.256391
cg23300851	SNORA8;SNORA1;SNORA32;SNORD6	0.0415697	0.0970396	0.404635	-2.47136	0.0106041	0.202586	-4.93616	0.142235	0.456699
cg06057141	SNORA9;C7orf40	1.99E-09	0.569286	0.961825	-1.03969	0.00206549	0.74557	-1.34126	0.597846	1.03668
cg00762623	SNORA9;C7orf40	4.11E-07	0.350245	1.12572	1.12572	0.17774	1.19292	1.19292	0.961545	1.00596
cg11881910	SNORA9;C7orf40	6.31E-07	0.251525	0.849177	-1.17761	0.00531788	0.605795	-1.65072	0.793387	1.03647
cg22557029	SNORA9;C7orf40	6.82E-07	0.888247	0.981451	-1.0189	0.0191929	1.45836	1.45836	0.006436	1.60305
cg18544085	SNORA9;C7orf40	3.21E-06	0.50323	0.798681	-1.25206	0.403974	0.753843	-1.32654	0.494863	0.795046
cg07097673	SNORA9;C7orf40	0.000113157	0.81884	0.901685	-1.10904	0.572889	0.773371	-1.29304	0.945678	0.969729
cg00953154	SNORA9;C7orf40	0.00320119	0.0917201	0.546112	-1.83113	0.0758921	0.525402	-1.9033	0.952924	0.980949
cg04248332	SNORD103A;PUM1;PUM1	0.0257695	0.175365	0.429529	-2.32813	0.775927	0.845912	-1.18216	0.639265	0.758178
cg25508633	SNORD105;PPAN-P2RY11;PPAN	0.010675	0.000732896	0.102361	-9.76933	0.0792501	0.420914	-2.37578	0.203918	0.551286
cg00564598	SNORD105;PPAN-P2RY11;PPAN	0.0181422	0.588518	1.04284	1.04284	0.582979	1.0435	1.0435	0.348215	1.07699
cg01323993	SNORD105;PPAN-P2RY11;PPAN	0.0196849	0.00132739	0.0968553	-10.3247	0.0141557	0.220045	-4.54452	0.256088	0.55275
cg18679782	SNORD105;PPAN-P2RY11;PPAN	0.0215446	0.00588308	0.569778	-1.75507	0.3311	0.855125	-1.16942	0.557381	0.911548
cg17379601	SNORD105;PPAN-P2RY11;PPAN	0.0497442	0.933152	0.975201	-1.02543	0.059284	1.89145	1.89145	0.127106	1.63865
cg04978426	SNORD111;SF3B3	0.0145199	0.097135	0.398171	-2.51148	0.00465158	0.149	-6.7114	0.013653	0.213757
cg00363815	SNORD111;SF3B3	0.0230977	0.167288	0.801541	-1.2476	0.812457	0.964913	-1.03636	0.14522	0.790522
cg02953562	SNORD113-1	0.0198619	0.122991	0.633238	-1.57919	0.00310438	0.330797	-3.023	0.0744077	0.580695
cg07010373	SNORD113-1	0.0342901	0.0609226	0.652985	-1.53143	0.535183	1.13509	1.13509	0.0952247	0.690817
cg02675047	SNORD113-2	9.49E-05	0.0405617	1.29879	1.29879	0.0919252	0.814567	-1.22765	9.41E-05	0.463271
cg04997124	SNORD113-2	0.0423259	0.0259073	0.442857	-2.25807	0.420435	0.776067	-1.28855	0.284115	0.709836
cg04784410	SNORD113-4	0.000848605	0.0911532	0.672357	-1.48731	0.000325529	3.45379	3.45379	0.00296285	0.41887
cg03629141	SNORD113-4	0.00952524	0.673676	0.812656	-1.23053	0.336068	0.615188	-1.62552	0.0196997	0.251655
cg05218696	SNORD113-4	0.03163	0.778458	1.06939	1.06939	0.393391	1.23115	1.23115	0.123781	0.672682
cg00789416	SNORD113-5	0.000418592	0.64861	0.916119	-1.09156	0.449775	0.863237	-1.15843	0.359026	0.835191
cg04262465	SNORD113-6	0.000218338	0.0334178	0.627566	-1.59346	0.000414369	2.85818	2.85818	0.394071	1.17779
cg25945753	SNORD113-6	0.000597573	0.276401	1.23983	1.23983	1.55E-05	0.183184	-5.45899	0.000640901	0.369704
cg25045972	SNORD113-6	0.00151163	0.206582	0.75553	-1.32357	0.567165	1.12944	1.12944	0.12485	0.704949
cg09293488	SNORD113-6	0.00557297	0.449839	0.834729	-1.19799	0.00155229	2.90795	2.90795	0.641455	0.895818
cg13153796	SNORD113-6	0.0125026	0.00488854	2.22975	2.22975	0.00107857	0.347296	-2.87939	0.424732	0.845416
cg17930169	SNORD113-7	0.003854	0.800103	1.07009	1.07009	0.000495088	0.233199	-4.28818	0.00423755	0.359835
cg21053224	SNORD113-9	0.0354082	0.00889144	0.42724	-2.3406	0.320871	0.769517	-1.29952	0.0535444	0.57117
cg20052865	SNORD114-1	0.0257355	0.0108776	0.421612	-2.37185	0.520408	0.838633	-1.19242	0.0440707	0.535312
cg02279953	SNORD114-11	0.00980802	0.367671	0.724608	-1.38006	0.000196969	0.113223	-8.83212	0.0496392	0.458584
cg03401464	SNORD114-12	0.0136283	0.561817	1.16213	1.16213	0.0360667	1.86731	1.86731	0.00312759	0.355237
cg17327828	SNORD114-12;SNORD114-13	0.0176532	0.0811966	2.25164	2.25164	0.140054	0.513471	-1.94753	0.0150257	0.285081

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04060685	SNORD114-12;SNORD114-13	0.0347968	0.0965757	1.44875	1.44875	1.186045	0.752096	-1.32962	0.023202	0.57641	-1.73488	0.307723	0.806908	-1.23984	0.021182	0.58018	1.33536	1.33536	0.512971	1.14433	1.14433	0.00585042	2.07966	2.07966	0.555004	1.2133	1.2133	0.759092	1.0645	1.0645	3.87529	2.5342	0.581279	1
cg25996157	SNORD114-13	0.0302352	0.312057	1.30669	1.30669	0.7242789	1.66317	1.66317	0.281685	1.33133	1.33133	1.00684753	0.408265	-2.44939	0.789325	0.933794	-1.0709	0.202081	1.41132	1.41132	0.0129812	2.20029	2.20029	0.0835901	1.63205	1.63205	0.536626	1.17357	1.17357	4.07551	4.22316	0.921092	1
cg05202424	SNORD114-13 SNORD114-14;SNORD114- 16	0.0182411	0.213502	1.46203	1.46203	0.378541	1.29948	1.29948	0.0151835	0.421143	-2.37449	0.0302936	0.477859	-2.09267	0.695173	0.892092	-1.12096	0.128891	1.60935	1.60935	0.0449265	1.94904	1.94904	0.212196	1.46379	1.46379	0.402329	0.779953	-1.28213	3.74446	4.98603	1.18362	1
cg08023458	15;SNORD114-16	0.0199967	0.559323	0.881154	-1.13488	0.00284389	0.414665	-2.41167	0.036606	0.594236	-1.68283	0.839833	0.957561	-1.04432	0.779709	0.941681	-1.06193	0.361774	0.818003	-1.22249	0.00639412	2.13904	2.13904	0.446599	0.846839	-1.18086	0.72704	1.07799	1.07799	4.70483	3.4219	0.646504	1
cg14144771	SNORD114-15;SNORD114-16	0.00732444	0.231691	1.44326	1.44326	0.00312758	0.30673	-3.2602	0.00196684	0.278172	-3.5949	0.4446638	0.295299	0.401559	1.28546	1.28546	1.28546	0.0661496	0.547251	-1.82732	0.0191106	2.29224	2.29224	0.38978	0.772775	-1.29404	0.900295	0.964002	-1.03734	6.52163	8.83617	1.20436	1
cg12725520	SNORD114-16	0.0107709	0.211052	0.789933	-1.26593	0.00250436	0.471702	-2.11998	0.0233725	0.615819	-1.62385	0.00854949	0.548607	-1.8228	0.00485263	0.512533	-1.95109	0.450077	1.14766	1.14766	0.615551	0.913377	-1.09484	0.0412187	0.65611	-1.52414	0.0166467	0.591884	-1.68952	5.7715	2.92716	0.450823	1
cg03757791	SNORD114-18;SNORD114-19	0.0325476	0.728741	0.877905	-1.13908	0.494604	1.29592	1.29592	0.00430781	0.236883	-4.16869	0.266128	0.64511	-1.55612	0.460153	0.759239	-1.31713	0.129936	0.536247	-1.86481	0.00648426	0.240967	-4.04912	0.174466	0.582087	-1.71648	0.0314138	0.389047	-2.57038	3.98067	8.79521	1.96942	1
cg04966586	SNORD114-20	0.00201785	0.944956	1.01105	1.01105	0.025093	0.654348	-1.52824	0.00098759	0.458733	-2.17992	0.3131125	0.982079	1.017252	0.102673	0.752596	-1.32873	0.725175	0.945369	-1.05779	0.00680876	2.26484	2.26484	0.103916	1.32713	1.32713	0.0097264	0.594217	-1.68289	0.61697	3.8588	0.356666	1
cg10000148	SNORD114-21;SNORD114-20	0.00613187	0.858414	0.955239	-1.04686	0.00231986	0.335879	-2.97726	0.00253897	0.341535	-2.92796	0.0858016	1.62729	1.62729	0.00185683	0.32215	-3.10415	0.172924	0.689393	-1.45055	0.877788	0.961305	-1.04025	0.594153	1.14788	1.14788	0.518146	0.845345	-1.18295	6.89271	7.17953	0.925877	1
cg00554539	SNORD114-22	0.000692541	0.00079501	0.130794	-3.21756	0.000335057	0.320123	-3.1238	0.00379626	0.257414	-3.74184	0.000198502	0.23654	-4.22761	0.000107736	0.207071	-4.82927	0.0087322	0.462751	-2.16099	0.0135809	0.569432	-1.75613	0.0161241	0.573482	-1.7529	0.00896152	0.471342	-2.1216	13.05	10.9941	0.748853	1
cg07947615	SNORD114-23;SNORD114-22	0.0138093	0.12246	0.676713	-1.47773	0.0734142	1.59318	1.59318	0.0228488	0.529722	-1.88778	0.00752856	0.448258	-2.23086	0.321065	1.27202	1.27202	0.186602	1.38631	1.38631	0.00960318	0.465359	-2.14888	0.604545	1.12963	1.12963	0.667384	0.619898	-1.61317	5.32382	4.58979	0.766333	1
cg03326193	SNORD114-23;SNORD114-24	1.26E-05	0.000605951	0.511568	-1.95478	0.169114	0.810329	-1.20434	0.000212221	0.455842	-2.19372	0.0311935	0.725492	-1.37838	0.00110273	0.543909	-1.84139	0.428424	1.10806	1.10806	2.33E-07	0.139648	-7.16084	0.435713	1.1062	1.1062	0.000242193	0.434858	-2.2996	38.1882	9.74253	0.226772	1
cg06963672	SNORD114-23;SNORD114-24	0.00908549	0.554034	0.918833	-1.08834	0.00241185	0.550088	-1.81789	0.00244874	0.550941	-1.81508	0.335308	0.86891	-1.15087	0.00450459	0.585406	-1.70822	0.336289	1.15052	1.15052	0.0388825	0.712741	-1.40303	0.709471	1.05435	1.05435	0.0742076	0.754758	-1.32493	6.09406	5.93042	0.281574	1
cg27278001	SNORD114-25	0.0154006	0.43405	1.16163	1.16163	0.00970398	0.514113	-1.94798	0.472433	0.871818	-1.14703	0.0111643	0.550487	-1.81657	0.484727	0.87523	-1.14256	0.0235991	0.602089	-1.66088	0.0125067	1.79169	1.79169	0.428512	1.16382	1.16382	0.499208	1.13741	1.13741	3.15693	2.86543	0.495951	1
cg10785170	SNORD114-25;SNORD114-24	0.036131	0.821351	1.0486	1.0486	0.0183726	0.548603	-1.82281	0.0647905	0.647018	-1.54555	0.125786	0.70636	-1.41573	0.0454648	1.6175	1.6175	0.994486	1.00145	1.00145	0.0159714	1.66853	1.66853	0.750642	1.0931	1.0931	0.0988677	0.684057	-1.46187	1.82276	2.66597	0.619002	1
cg10472263	SNORD114-25;SNORD114-26	0.00276382	0.570846	0.910758	-1.09799	0.0579909	1.41867	1.41867	0.0323606	0.664388	-1.50514	0.732016	0.945447	-1.0577	4.91E-05	0.288014	-3.47206	0.366043	0.859371	-1.16364	0.792674	1.04393	1.04393	0.149067	0.77685	-1.28725	0.105242	0.749115	-1.33491	8.76864	3.69858	0.37493	1
cg01631660	SNORD114-25;SNORD114-26	0.00416375	0.00955133	0.788791	-1.26776	0.0234489	0.698133	-1.43239	0.0331434	0.748209	-1.33474	0.628347	0.907912	-1.10662	0.097635	0.899611	-1.00039	0.932766	0.988073	-1.01115	0.00166867	2.31004	2.31004	0.921489	1.01304	1.01304	0.158119	1.21886	1.21886	7.758	2.12183	0.243113	1
cg14489199	SNORD114-26;SNORD114-27	0.0278745	0.5589644	0.893988	-1.11875	0.00833588	0.440031	-2.27257	0.00180375	0.342364	-2.92087	0.36159	0.795859	-1.2565	0.2663	0.523254	0.780041	-1.28198	0.150397	0.687069	-1.45546	0.0214002	0.510115	-1.96034	0.0425067	0.797085	-1.25457	0.0348138	0.549388	1.42021	4.19441	3.93794	0.834538	1
cg04503367	SNORD114-27;SNORD114-26	1.05E-08	0.844146	1.0093	1.0093	0.000409584	0.767979	-1.30212	0.000768501	0.787693	-1.26953	2.17E-05	0.669205	-1.49431	2.34E-10	0.173931	-5.74939	2.37E-06	0.582844	-1.71573	1.51E-06	1.77298	1.77298	0.000221332	1.3356	1.3356	1.55E-06	0.565111	-1.76956	232.323	8.14103	0.0311483	1
cg01707862	SNORD114-28	0.2223362	0.349805	1.13213	1.13213	0.0709163	0.683586	-1.46315	0.0679592	0.691772	-1.44602	0.0709451	0.812751	-1.23039	0.00210303	1.07174	1.07174	0.3864762	1.11123	1.11123	0.0760309	0.798929	-1.25434	0.475013	1.09014	1.09014	0.144883	0.831143	-1.20316	4.53029	3.10163	0.596888	1
cg22907692	SNORD114-29;SNORD114-28	0.00173304	0.4636616	1.15046	1.15046	0.00191925	0.438093	-2.28262	0.00768185	0.525367	-1.90343	0.007742	0.978454	-1.02202	0.000266557	0.3248	-3.07882	0.966083	0.992043	-1.00802	0.00433393	2.04699	2.04699	0.549852	0.892543	-1.12039	0.421788	0.857114	-1.16671	10.0516	5.61999	0.496089	1
cg05187247	SNORD114-29;SNORD114-28	0.0416233	0.9100407	1.02848	1.02848	0.00452295	0.389067	-2.57025	0.0174641	0.546141	-1.83067	0.0904159	0.934605	-1.07025	0.60023	0.85178	-1.17359	0.4469	1.1282	1.1282	0.0562837	0.583131	-1.71488	0.25702	0.744404	-1.34336	0.62942	0.57976	-1.72464	-1.34336	0.62942	3.57976	0.876482	1
cg10046893	SNORD114-30	0.000941336	0.0938071	1.31325	1.31325	8.66E-05	0.34081	-2.93419	0.00027856	0.415044	-2.40938	0.22183	0.827047	-1.20912	0.397541	0.879757	1.13668	0.43758	1.12424	1.12424	0.243779	0.834973	-1.19764	0.00810304	0.605686	-1.65102	0.973167	1.00499	1.00499	11.9698	4.14613	0.307897	1
cg05402841	SNORD114-31	0.0042715	0.461957	1.14524	1.14524	0.163059	0.762548	-1.31139	0.229074	0.795666	-1.25681	0.182873	0.774168	-1.29171	0.941309	0.986754	-1.01342	0.00546129	0.526613	-1.89893	0.000387367	2.78704	2.78704	0.0401934	1.53621	1.53621	0.182932	0.774197	-1.29166	7.69831	3.99862	0.461703	1
cg19591908	SNORD114-31	0.00564866	0.2605028	1.13983	1.13983	0.0421115	0.574801	-1.73973	0.0707283	0.620317	-1.61258	0.363069	0.851683	-1.17478	0.194738	0.797507	0.941013	0.918289	1.02456	1.02456	0.0881104	1.53578	1.53578	0.00563615	0.423529	-2.36111	0.000343072	0.255881	-3.90806	7.69838	6.26059	0.787194	1
cg18482367	SNORD114-31	0.0161606	0.0800851	1.35646	1.35646	0.0170155	0.63327	-1.57911	0.103865	0.756374	-1.3221	0.0424659	0.692919	-1.44317	0.538732	1.10266	1.10266	0.793851	0.959717	-1.04197	0.00289672	1.90203	1.90203	0.578103	0.915569	-1.09222	0.750424	1.05138	1.05138	5.05417	1.97324	0.347038	1
cg06362445	SNORD114-31	0.0375427	0.0075384	0.742419	-1.34677	0.0622938	0.597176	-1.67453	0.0154601	0.534602	-1.87051	0.0200942	-2.39011	0.0126306	0.509427	0.836813	-1.19505	0.602089	0.987817	-1.0129	0.00768667	2.31004	2.31004	0.921489	1.01304	1.01304	0.158119	1.21886	1.21886	7.758	2.12183	0.243113	1
cg19637048	SNORD114-4;SNORD114-3	0.000411211	0.0389924	1.45032	1.45032	0.00893303	0.461542	-2.16665	0.0104559	0.605634	-1.65116	1.63E-05	0.251229	-3.98044	0.00407426	0.584846	-1.82333	0.613685	0.923853	-1.08242	0.51694	0.902818	-1.10764	0.0100906	0.603453	-1.65713	0.156141	0.789738	-1.26624	15.0847	5.78153	0.340802	1
cg23318837	SNORD114-4;SNORD114-3	0.0115584	0.643309	1.13274	1.13274	0.000523724	0.235757	-4.24165	0.00521582	0.373382	-2.67823	0.693412	0.899512	-1.11171	0.55289	1.17405	1.17405	0.401811	0.79505	-1.25778	0.199176	1.43706	1.43706	0.203028	0.698256	-1.43214	0.756561	0.920246	-1.08667	5.64161	6.38321	1.00573	1
cg07959741	SNORD114-4;SNORD114-5	0.0348597	0.2436513	1.21818	1.21818	0.0909091	0.74152	-1.34952	0.135679	0.832624	-1.20126	0.0760762	0.93192	-1.07104	0.109451	0.812751	-1.23039	0.0201303	1.07174	1.07174	0.0760309	0.798929	-1.25434	0.475013	1.09014	1.09014	0.144883	0.831143	-1.20316	4.53029	3.10163	0.596888	1
cg14125733	SNORD114-5	0.0143439	0.195228	0.777637	-1.28595	0.00680496	0.385553	-2.59368	0.0244258	0.611249	-1.63599	0.767499	1.05593	1.05593	0.19629	0.778155	-1.28509	0.0091992	0.544957	-1.83501	0.349677	0.838009	-1.19331	0.0224541	0.605342	-1.65196	0.13479	0.743805	-1.34444	5.25774	2.80622	0.474428	1
cg09703198	SNORD114-6	0.00666706	0.000883201	0.61204	-1.63355	0.0242727	0.6003	-1.66578	0.0127644	0.551465	-1.81421	0.438827	1.27932	1.27932	0.00453039	0.1783533	-5.60812	0.0327213	0.614154	1.63	0.0124805	1.86785	1.86785	0.00307266	0.155179	-6.44417	0.0156554	0.23737	-4.21257	6.76343	2.49206	0.368437	1
cg20269160	SNORD114-7	0.0185603	0.971802	0.994885	-1.00514	0.00490205	0.582247	-1.71748	0.139777	0.794129	-1.25924	0.0569905	1.36679	1.36679	0.210104	0.825629	1.2112	0.0245023	0.677918	-1.4751	0.181954	1.22818	1.22818	0.353927	0.807181	-1.14839	0.0144182	0.645662	-1.5488	4.82506	1.60836	0.296297	1
cg26435481	SNORD114-9;SNORD114-10	0.000267425	0.353408	0.838672	-1.19236	7.67E-05	0.267067	-3.74438	5.37E-05	0.24957	-4.00689	0.532222	1.12364	1.12364	0.00140394	0.297836	-3.35755	0.0124303	0.56371	-1.77396	0.0063572	0.519707	-1.92416	0.00411605	0.492092	-2.03214	0.0536504	0.667801	-1.49745	16.9751	9.12764	0.477961	1
cg20402194	SNORD115-1	0.000131358	0.8014833	1.02848	1.02848	0.00452295	0.389067	-2.57025	0.0174641	0.546141	-1.83067	0.0904159	0.934605	-1.07025	0.60023	0.85178	-1.17359	0.4469	1.1282	1.1282	0.0562837	0.583131	-1.71488	0.25702	0.744404	-1.34336	0.62942	0.57976	-1.72464	-1.34336	0.62942	3.57976	0.876482	1
cg25688633	SNORD115-1	0.00246569	0.995756	1.00113	1.00113	0.00122798	0.365776	-2.73392	0.0497629	0.621197	-1.6098	0.546942	1.13846	1.13846	6.84E-06	0.119756	8.35032	0.0474933	0.450356	-2.22047	0.00418144	0.442035	-2.26226	0.00501637	0.453954	-2.20287	0.00197056	0.394419	-2.53537	17.3552	12.4396	0.637124	1
cg19556001	SNORD115-1	0.00105432	0.2794658	1.07369	1.07369	0.0222038	0.646176	-1.85125	0.161027	0.769606	-1.38965	0.513001	0.861511	-1.16075	4.59E-05	0.183834	-5.43697	0.0193049	0.604091	-1.65482	0.00255691	2.64463	2.64463	0.0312643	0.501678	-1.9939	0.0136564	0.506	-1.9759	9.25754	4.50729	0.510794	1
cg24734418	SNORD115-1	0.0011524	0.0056347	0.36977	-2.70439	0.762868	0.920483	-1.08639	0.872967	1.04479	1.04479	0.0492762	0.36065	-2.77277	0.00026515	0.193956	-5.15268	0.0055324	1.36258	-2.73032	0.000356921	0.208258	-4.80713	0.523784	0.855385	-1.16906	0.0108685	0.298748	-3.34737	11.3015	13.4198	1.0555	1
cg24152845	SNORD115-1	0.00241169	0.0230941	0.569584	-1.75567	0.4464335	0.623389	-1.60414	0.109933	0.696979	-1.43476	0.00243172	0.417134	-2.39731	0.000143732	0.257367	-3.8855	0.577722	0.890014	-1.12358	0.404908	1.1931	1.1931	0.42684	0.845274	-1.18305	0.00189606	0.401751	-2.48911	9.12807	6.20552	0.604292	1
cg02865593	SNORD115-1	0.00459457	0.0100607	0.744727	-1.34259	0.062258	0.597082	-1.67496	0.0153528	0.535248	-1.86839	0.0200942	-2.39011	0.0126306	0.509427	0.836813	-1.19505	0.602089	0.987817	-1.0129	0.00768667	2.31004	2.31004	0.921489	1.01304	1.01304	0.158119	1.21886	1.21886	7.758	2.12183	0.243113	1
cg22241833	SNORD115-1	0.0109455	0.481739	0.798501	-1.25235	0.928666	0.972216	-1.02858	0.72689	1.11666	1.11666	0.898565	0.960662	-1.04095	0.000201977	0.140575	-7.11364	0.871343	0.95024	-1.05233	0.0922948	1.79152	1.79152	0.36004	1.34411	1.34411	0.253327	0.686998	-1.45561	5.74169	9.00507	1.3941	1
cg09631504	SNORD115-1	0.0239725	0.9148884	1.01974	1.01974	0.0242117	0.574801	-1.73973	0.0707283	0.620317	-1.61258	0.363069	0.851683	-1.17478	0.194738	0.797507	0.941013	0.918289	1.02456	1.02456	0.0881104	1.53578	1.53578	0.00563615	0.423529	-2.36111	0.000343072	0.255881	-3.90806	7.69838	6.26059	0.787194	1
cg16050237	SNORD115-10;SNORD115-42	0.00377014	0.917251	0.960316	-1.04132	0.433163	0.732245	-1.36566	0.100793	0.496434	-2.01437	0.0135056	0.303828	-3.29134	0.00021464	0.0900201	-11.1086	0.403264	0.716587	-1.3955	0.633642	0.829376	-1.20573	0.368868	0.697957	-1.43275	0.000544866	0.123241	-8.11421	7.9936	19.2195	2.13721	1
cg11582484	SNORD115-10;SNORD115-42 SNORD115-11;SNORD115- 43	0.036809	0.0555745	0.246783	-4.05215	0.0117324	0.151256	-7.6187	0.181407	0.400486	-2.49697	0.417522	0.586035	-1.70638	0.030294	0.193482	-5.16843	0.526887	0.661313	-1.51214	0.00244114	0.0658638	-15.1829	0.313264	0.510322	-1.95955	0.0840493	0.291432	-3.43133	3.79702	25.0171	5.85656	1
cg06298530	29;SNORD115-36;SNORD115-43 SNORD115-11;SNORD115-	0.0290012	0.0995949	0.334862	-2.9863	0.010376	0.141325	-7.0759	0.2746	0.502059	-1.9918	0.234777	0.470066	-2.12736	0.00598504	0.113306	-8.82563	0.145983	0.388255	-2.57563	0.0066946	0.118595	-8.43209	0.020834	0.185253	-5.39802	0.101586	0.337408	-2.96377	4.13617	24.0684	5.17246	1
cg04887080	29;SNORD115-36;SNORD115-43 SNORD115-11;SNORD115-	0.047367	0.156839	0.423822	-2.35948	0.121826	0.386453	-2.58764	0.0836053	0.337708	-2.96114	0.2458855	0.502551	-1.98085	0.00275037	0.0961016	-10.4056	0.355385	0.583357	-1.71422	0.0317745	0.24006	-4.16563	0.447076	0.644481	-1.55164	0.0176668	0.194746	-5.13488	3.45826	17.6025	4.52444	1
cg03290095	36;SNORD115-43;SNORD115-29 SNORD115-11;SNORD115-	0.00050955	0.152796	0.596286	-1.67705	0.52642	0.805143	-1.24202	0.903182	1.04195	1.04195	0.942239	0.975829	-1.02477	1.70E-05	0.0508422	-19.6687	0.442844	0.767823	-1.30238	0.0454262	0.460799	-2.17015	0.668934	0.864809	-1.15633	0.000107414	0.0996104	-10.0391	14.2157	25.669	1.60505	1
cg18264656	36;SNORD115-43;SNORD115-29	0.00777535	0.529311	0.81971	-1.21994	0.117747	0.588638	-1.69884	0.0843422	0.551205	-1.81421	0.438827	1.27932	1.27932	0.00453039	0.1783533	-5.60812	0.751815	0.905768	-1.10404	0.268746	1.43237	1.43237	0.0230122	0.661325	0.871827	-1.14702	0.00230122	0.264755	-3.77707	6.40121	9.86595	1.37001	1
cg26958654	SNORD115-13	0.0255728	0.0991319	0.330051	-3.02984	0.864299	0.900428	-1.11058	0.708112	0.794049	-1.25937	0.573707	0.705701	-1.41703	0.00702783	0.118028	-8.47255	0.247088	0.476119	-2.10031	0.00105093	0.0511816	-19.5383	0.794133	0.853845	-1.17392	0.0726518	0.292885	-3.41431	4.323	25.7416	5.29295	1
cg26246653	SNORD115-14	0.0226196	0.0122422	0.16899	-5.9175	0.00718108	0.118461	-7.22227	0.302193	0.543937	-1.83845	0.549764	0.708384	-1.41166	0.0194442	0.174001	-5.71751	0.0516016	0.28304	-3.53307	0.00607357	0.129887	-7.69899	0.0306937	0.235463	-4.24695	0.129691	0.393517	-2.54118	4.51069	23.1863	4.56916	1
cg05230642	SNORD115-14	0.0233378	0.0229681	0.237934	-4.20284	0.00803929	0.166578	-6.00321	0.158353	0.451146	-2.21658	0.816531	0.884556	-1.13051	0.0274543	0.252413	-3.96177	0.632907	0.775695	-1.28917	0.00581658	0.148605	-6.72925	0.0132088	0.197625	-5.06008	0.0463579	0.299836	-3.33546	19.69	3.92219	1
cg26397662	SNORD115-14 SNORD115-15;SNORD115-	0.0465431	0.0101655	0.113407	-8.81778	0.157594	0.362481	-2.75877	0.361511	0.532649	-1.87741	0.271896	0.463921	-2.15554	0.0174633	0.143278	-6.97943	0.718774	0.784399	-1.27486	0.00549045	0.0861412	-11.6088	0.38337	0.548661	-1.82262	0.0609737	0.242159	-4.12953	3.48119	24.8639	6.34874	1
cg11286405	20;SNORD115-21	0.00815389	0.00619564	0.276512	-3.61649	0.00266011	0.22256	-4.49317	0.142893	0.567158	-1.76318	0.090585	0.510921	-1.95725	0.00391585	0.24698	-4.0489	0.713173	0.87549	-1.14222	0.00144283	0.190415	-5.25168	0.331636	0.697163	-1.43439	0.0772881	0.492945	-2.02862	6.3062	12.9548	1.82605	1
cg16525260	SNORD115-15;SNORD115-21 SNORD115-15;SNORD115-21;HBII-52-	0.0095475	0.00112501	0.188757	-5.29782	0.0119244	0.335853	-2.97749	0.0529709	0.465464	-2.1484	0.00546238	0.291914	-3.42567	0.0032741	0.248147	-4.02987	0.196544	0.622	-1.60772	0.13125	0.567466	-1.76222	0.40212	0.742175	-1.34739	0.0337435	0.422246	-2.36829	5.99865	11.4872	1.70219	1
cg02705035	24 SNORD115-15;SNORD115-21;HBII-52-	0.033167	0.0261025	0.354714	-2.81917	0.148688	0.544362	-1.83701	0.134748	0.530947	-1.88343	0.474802	0.751745	-1.33024	0.0271214	0.358069	-2.79276	0.0772436	0.462427	-2.1625	0.0025166	0.192584	-5.19253	0.0220616	0.340302	-2.93856	0.0731579	0.456307	-2.19151	3.94289	9.62611	2.17012	1
cg14780883	28 SNORD115-15;SNORD115-	0.0218524	0.0134022	0.495032	-2.02007	0.146907	0.699474	-1.42965	0.166435	0.712651	-1.40321	0.766828	1.07066	1.07066	0.00660343	0.444995	-2.24722	0.0474971	0.59423	-1.68285	0.0962349	1.52101	1.52101	0.853627	1.04332	1.04332	0.0175212	0.514884	-1.94219	4.56447	3.81086	0.742131	1
cg10610244	21;PAR4;SNORD115-23 SNORD115-15;SNORD115-	0.0305068	0.0234336	0.342176	-2.92247	0.00598606	0.240996	-4.14945	0.249619	0.620898	-1.61057	0.324067	0.668044	-1.49691	0.0326332	0.371443	-2.6922	0.0569278	0.425974	-2.34756	0.00768804	0.257509	-3.88336	0.0317208	0.368851	-2.71112	0.0725355	0.452193	-2.21544	0.40257	10.0947	2.20872	1
cg19674051	21;SNORD115-22 SNORD115-15;SNORD115-	0.00138268	0.862562	0.935399	-1.06906	9.00E-05	0.0672141	-14.8778	0.186325	0.582754	-1.71599	0.741674	1.13598	1.13598	0.00043459	0.117112	-8.53885	0.796655	1.10465	1.10465	0.439127	1.35545	1.35545	0.823597	1.08986	1.08986	0.00549669	0.244912	-4.08311	10.7278	25.2392	2.09128	1
cg20375947	21;SNORD115-22 SNORD115-15;SNORD115-	0.0131196	0.149106	0.545969	-1.83161	0.400333	0.714076	-1.40041	0.341898	0.681763	-1.46678	0.958999	0.980091	-1.02031	0.000190278	0.0854103	-11.7082	0.680276	0.850364	-1.17597	0.824891	0.916967	-1.09055	0.767688	0.890585	-1.12286	0.0251137	0.352712	-2.83517	5.41392	13.1205	2.15419	1
cg25954220	21;SNORD115-26 SNORD115-15;SNORD115-	0.00693283	0.0026394	0.433051	-2.3092	0.175823	0.748648	-1.33574	0.152429	0.734714	-1.36107	0.10964	1.42016	1.42016	0.00060713	0.34549	-2.89444	0.720417	0.930272	-1.07495	0.820462	0.955312	-1.04678	0.282583	0.798869	-1.25177	0.0124129	0.53481	-1.86982	6.63503	4.25043	0.569426	1
cg04675922	21;SNORD115-26 SNORD115-15;SN

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	Fold-Change(121T vs. 2ST vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg01620672	SNORD116-12	0.0262643	0.278969	0.03997	1.66675	0.00865993	0.205087	-4.87597	0.0453867	2.83377	2.83377	0.0805694	2.40992	2.40992	0.428898	0.69314	-1.44271	0.323195	0.026165	-1.59334	0.19695	0.538423	-1.85727	0.00385667	2.78524	2.78524	0.197246	0.538669	-1.85643	4.28291	13.9722	2.89983	1
cg01699028	SNORD116-13	0.0161748	0.512874	0.895762	-1.11637	0.1419028	0.769572	-1.29942	0.0221771	1.57594	1.57594	0.6056044	1.09024	1.09024	0.738023	0.97954	-1.02063	0.865813	0.972542	-1.02823	0.767013	1.05052	1.05052	0.000654831	2.37818	2.37818	0.208662	0.802641	-1.24589	5.05269	2.20176	0.387343	1
cg02429418	SNORD116-14;SNORD116-15 SNORD116-16;SNORD116-17	0.000472091	0.000906776	0.30241	-3.30677	0.804991	1.06142	1.06142	0.00757507	2.28824	2.28824	0.110162	1.52132	1.52132	0.000227113	0.228486	-4.37664	0.5189	1.17068	1.17068	0.59353	1.13863	1.13863	0.000670589	3.5043	3.5043	0.0378724	0.559786	-1.7864	14.5199	13.3547	0.817561	1
cg16978044	1B;SNORD116-9 SNORD116-16;SNORD116-17	0.0078293	0.817351	1.06034	1.066034	0.3446093	0.777187	-1.28669	0.00315423	2.77801	2.77801	0.581164	1.15156	1.15156	0.864301	0.952041	-1.05038	0.85218	0.953858	-1.04837	0.47804	1.20042	1.20042	0.000256665	4.59177	4.59177	0.938339	1.01979	1.01979	6.38732	6.44806	0.902908	1
cg17198397	1I;SNORD116-16	0.0347521	0.656289	0.875572	-1.14211	0.0706291	0.549183	-1.82089	0.00634468	2.86943	2.86943	0.828622	1.06642	1.06642	0.827693	0.937381	-1.0668	0.824114	0.936098	-1.06826	0.537595	0.830965	-1.20342	0.00794331	2.74469	2.74469	0.361159	0.756941	-1.32111	3.87709	5.40375	1.2389	1
cg26284099	SNORD116-18	0.00195873	0.846412	0.969067	-1.06599	0.122706	0.755864	-1.32299	0.0243687	1.56674	1.56674	0.118106	1.3284	1.3284	0.918977	0.983151	-1.01717	0.209781	1.24758	1.24758	0.00184606	1.51383	1.51383	0.000115313	3.1095	3.1095	0.00721301	0.558942	-1.78909	9.70062	4.30289	0.394283	1
cg03760060	SNORD116-18	0.020345	0.490651	0.880776	-1.13536	0.116212	0.733778	-1.36281	0.0195236	1.56831	1.56831	0.164834	1.2536	1.2536	0.966851	0.965572	-1.03566	0.980873	0.995663	-1.00436	0.366442	1.18323	1.18323	0.00103871	2.42444	2.42444	0.534951	0.802313	-1.12068	4.67728	2.43561	0.462873	1
cg02625244	SNORD116-18;SNORD116- SNORD116-18;SNORD116-	0.0457925	0.475662	0.840267	-1.1901	0.355375	0.796036	-1.25622	0.0796137	1.59488	1.59488	0.597307	0.879928	-1.13646	0.495822	0.847108	-1.18049	0.541133	0.862058	-1.16001	0.132146	0.677125	-1.47683	0.00259056	2.72277	2.72277	0.629438	0.889891	-1.12373	3.50253	3.19348	0.810456	1
cg13075322	17;SNORD116-19 SNORD116-18;SNORD116-	0.00193209	0.492729	0.885741	-1.129	0.150429	0.764569	-1.30793	0.0029346	2.03712	2.03712	0.743757	1.05879	1.05879	0.886536	1.02973	1.02973	0.730326	1.06211	1.06211	0.339385	1.18708	1.18708	4.29E-05	3.87186	3.87186	0.891779	0.976572	-1.02399	7.93937	4.67849	0.426994	1
cg01871408	17;SNORD116-19	0.00279563	0.0786403	0.49122	-2.03575	0.0260761	0.382518	-2.61426	0.601176	0.825352	-2.1216	0.453104	0.757174	-1.3207	0.252364	0.647167	-1.5452	0.447576	0.754495	-1.32539	4.90E-05	0.0622409	-16.0666	0.07072798	2.08538	2.08538	0.0832281	0.497604	-2.00963	8.73901	18.3327	1.86472	1
cg16026362	SNORD116-2	0.00575693	0.00838866	0.278305	-3.59318	0.0103279	0.2931	-3.4118	0.0465203	3.27722	3.27722	0.0661718	2.18752	2.18752	0.0182754	0.336899	-2.96825	0.042456	0.611686	-2.42904	0.0191919	0.344131	-2.92885	0.156779	1.77756	1.77756	0.0492957	0.426447	-2.34496	7.0282	16.058	2.03094	1
cg04342464	SNORD116-2	0.0271354	0.229933	0.556073	-1.79849	0.0884845	0.429151	-2.33019	0.1115553	1.84974	1.84974	0.129121	1.63488	1.63488	0.0362262	0.554054	-1.80502	0.155102	0.565102	-1.76987	0.0570773	0.197762	-5.05658	0.0494612	2.7494	2.7494	0.0803056	0.416937	-2.39845	4.23422	13.6349	2.862377	1
cg14888768	SNORD116-2	0.0321209	0.174274	0.694557	-1.43977	0.0254517	0.511839	-1.95374	0.048224	1.7671	1.7671	0.415456	1.23357	1.23357	0.416726	0.811136	-1.23284	0.3487	0.784029	-1.27546	0.126207	0.658851	-1.51779	0.0224056	1.9936	1.9936	0.0626545	0.589592	-1.69609	3.98849	4.01773	0.895406	1
cg26320399	SNORD116-20;SNORD116-21	0.0411553	0.141918	0.647307	-1.54509	0.0995119	0.662187	-1.51015	0.0930542	1.79056	1.79056	0.432755	0.832949	-1.20055	0.512469	0.859272	-1.16378	0.709214	0.918029	-1.08953	0.234073	0.752159	-1.32955	0.00925797	2.12557	2.12557	0.18135	0.723271	-1.38261	3.44664	3.00898	0.719858	1
cg26702921	SNORD116-21	0.0422628	0.0599913	0.543068	-2.89798	0.0926102	0.395334	-2.52951	0.2134417	1.92899	1.92899	0.553978	0.943777	-1.34469	0.424669	0.667476	-1.49818	0.577976	0.754411	-1.32554	0.00309818	0.131411	-7.60969	0.185014	2.02362	2.02362	0.1422219	0.45103	-2.2059	3.66897	14.3721	3.539986	1
cg18189261	SNORD116-21;SNORD116-22	0.0260642	0.0941103	0.400882	-2.4945	0.0249425	0.265761	-3.76278	0.931603	1.04355	1.04355	0.151714	0.466383	-2.14416	0.24613	0.54751	-1.82645	0.278954	0.571757	-1.749	0.00143729	0.101421	-9.85985	0.123102	2.29234	2.29234	0.1972551	0.508165	-1.96786	4.29437	16.7746	3.47216	1
cg17077566	SNORD116-23	0.00187846	0.130275	0.549313	-1.82066	0.0233824	0.857347	-1.16639	0.1614046	1.89219	1.89219	0.379672	0.781649	-1.27955	0.244473	0.619046	-1.61496	0.722363	0.862525	-1.15929	5.50E-05	0.0317704	-15.6813	0.0128797	3.10209	3.10209	0.0504624	0.441631	-2.26433	9.81941	20.9099	1.89102	1
cg15900133	SNORD116-24	0.000181126	0.769785	1.05091	1.050891	0.114887	0.748201	-1.33654	0.165564	1.28432	1.28432	0.929224	1.01514	1.01514	0.000110704	0.314614	-3.1785	0.295503	1.20148	1.20148	0.000102764	0.31251	-3.1999	0.000120213	3.11838	3.11838	0.712016	0.939191	-1.06475	18.8771	8.55652	0.403039	1
cg01969023	SNORD116-24	0.0153054	0.0114087	0.23991	-4.16933	0.0104629	0.139535	-7.16018	0.0144064	6.97496	6.97496	0.181115	1.89027	1.89027	0.0144064	0.529154	-1.88955	0.0159486	0.499102	-2.00336	0.0013201	0.0175915	-56.8357	0.0222623	44.9255	44.9255	0.0188387	0.0229434	-43.5697	0.0479734	14.4087	2.84123	1
cg01153019	SNORD116-25	0.0473827	0.268977	0.726315	-1.37681	0.196564	0.68437	-1.4612	0.0134869	2.33845	2.33845	0.682443	0.892027	-1.12104	0.820398	0.938791	-1.0652	0.659239	0.884035	-1.13118	0.670448	0.887903	-1.12625	0.0075234	2.5996	2.5996	0.252769	0.717637	-1.39346	3.45783	4.22498	1.0861	1
cg10786226	SNORD116-28	0.00867481	0.009783	0.264778	-3.77675	0.0031884	0.194331	-5.14586	0.2939153	0.641924	-1.55782	0.0277486	0.347029	-2.88516	0.156423	0.539709	-1.85285	0.212797	0.586366	-1.70542	0.00307274	0.192277	-5.20084	0.0544294	2.42982	2.42982	0.0553326	0.413269	-2.41973	6.18408	16.2093	2.32989	1
cg02575980	SNORD116-29	0.0346917	0.105623	0.44827	-2.23179	0.563438	0.766318	-1.30494	0.0775636	2.46126	2.46126	0.157726	0.592416	-1.68835	0.0550456	0.373587	-1.68262	0.344626	0.669709	-1.49316	0.0665206	0.273982	-3.65005	0.0395764	3.61631	3.61631	0.291452	0.607255	-1.64675	3.53461	11.6236	2.923111	1
cg13174838	SNORD116-2;SNORD116-6	0.0409203	0.172037	0.550162	-1.81765	0.0774913	0.242994	-4.11533	0.310707	1.53901	1.53901	0.0680054	0.431659	-2.31664	0.0188889	0.310739	-3.21814	0.286071	0.634203	-1.57678	0.8629	0.93142	-1.07363	0.506092	1.31959	1.31959	0.0287885	0.346495	-2.88604	3.65236	9.77325	2.37855	1
cg20568038	SNORD116-3;SNORD116-9	0.00288557	0.47548	0.866902	-1.15353	0.444321	0.72452	-1.3804	0.1159907	1.7038	1.7038	0.0480623	0.541526	-1.84663	0.227174	0.72647	-1.37665	0.940754	1.18393	1.18393	0.0105944	0.441405	1.80276	0.0441408	2.11156	2.11156	0.0723225	0.67323	-1.48538	10.9467	6.74822	0.547965	1
cg05040724	SNORD116-4	4.08E-05	0.0187455	0.634604	-1.57579	8.44E-06	0.21253	-4.70522	0.17239	0.793041	-1.26097	0.0021335	0.342408	-2.92049	8.23E-05	0.322135	1.03429	0.002726	0.516515	-1.93605	0.0236729	0.153918	1.53918	0.187594	1.24978	1.24978	5.19E-05	0.298651	-3.34839	28.0826	11.3371	0.358848	1
cg12019705	SNORD116-5;SNORD116-7	0.000706547	0.38671	0.845306	-1.183	0.391509	1.1809	1.1809	0.064233	1.48267	1.48267	0.294758	1.22852	1.22852	7.86E-05	0.258583	-3.86722	0.175842	1.13139	1.13139	0.000547254	2.76498	2.76498	0.00930753	1.86798	1.86798	0.478339	0.872388	-1.14628	12.977	7.37283	0.505017	1
cg12608429	SNORD116-5;SNORD116-7	0.000837657	0.653767	1.08754	1.087541	0.0202861	0.453409	-2.12039	0.190165	1.64001	1.64001	-1.17785	0.385533	0.847571	-1.17994	0.0615375	-1.62453	0.610954	1.10007	1.10007	0.00587565	0.372553	-2.68418	0.178869	1.93008	1.93008	0.0506242	0.441631	-2.26433	9.81941	20.9099	1.89102	1
cg24138476	SNORD116-5;SNORD116-7	0.00375107	0.0521767	0.548171	-1.82425	0.01456	0.440827	-2.26847	0.0397708	1.90992	1.90992	0.93976	0.92102	0.92102	0.0031529	0.333587	-2.99772	0.005294	0.3677	-2.71961	0.0176746	0.455912	-2.19341	0.89435	1.03683	1.03683	0.0031563	0.289194	-3.45789	8.00578	9.33405	1.04303	1
cg24738156	SNORD116-5;SNORD116-7	0.00987585	0.846706	1.04707	1.047072	0.1329576	0.626926	-1.59583	0.0923395	1.68823	1.68823	0.625132	1.16593	1.16593	0.0124635	0.462033	-2.16455	0.013165	1.07465	1.07465	0.0124635	0.447164	-2.88049	0.30015	1.39756	1.39756	0.0087868	0.353152	2.83084	5.98412	3.98524	1.02491	1
cg18154158	SNORD116-5;SNORD116-7	0.0309238	0.234669	1.57648	1.57648	0.560087	0.806288	-1.24025	0.848907	0.932679	-1.07218	0.920931	1.03605	1.03605	0.0111911	0.312981	-3.19508	0.020232	0.35945	-2.78203	0.142751	1.77826	1.77826	0.7776	0.9017	-1.10902	0.00820278	0.290564	-3.44158	4.04297	5.45992	1.87979	1
cg26507704	SNORD116-8	0.0046874	0.34532	0.815867	-1.22569	0.00455014	0.315735	-3.17385	0.949137	1.01345	1.01345	0.777637	1.06107	1.06107	0.000652253	0.335668	-2.97913	0.704759	1.08297	1.08297	0.0717661	0.656446	-1.52336	0.73097	1.07494	1.07494	0.0260226	0.575153	-1.73867	7.48438	5.19642	0.617157	1
cg25345378	SNORD116-8	0.0183563	0.2346482	0.6267	-1.59579	0.2435342	0.409651	-2.4411	0.5310078	1.2265	1.2265	0.167487	0.644833	-1.55079	0.3966	0.806735	-1.23947	0.648115	0.915028	-1.09282	0.4096	0.766357	-1.3042	0.2439206	1.22652	1.22652	0.1332984	0.427217	2.34234	6.59877	1.25195	1
cg06126413	SNORD116-9;SNORD116-3	0.00193829	0.284722	1.41306	1.41306	0.00113328	0.225337	-4.4378	0.0388041	2.10523	2.10523	0.97196	0.989123	-1.011	0.000796028	0.206748	-4.83681	0.616284	1.17024	1.17024	0.0389547	0.21065	2.10365	0.367893	1.33347	1.33347	0.00494613	0.314084	-3.18386	9.73029	14.9194	1.36293	1
cg09425997	SNORD116-9;SNORD116-SNRP8	0.00482234	5.53E-05	0.0189102	0.0189102	0.0161638	0.0161638	1.0004	0.0001	0.78995	0.78995	-1.2659	8.14E-05	0.24311	0.0010991	0.0845109	-2.5033	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg16635772	SNORD119;SNRPB;SNRPB	0.011574	0.00582911	0.282121	-3.54458	0.000732062	0.165459	-6.04378	0.722368	1.13319	1.13319	0.582255	1.21497	1.21497	0.303905	0.688528	-1.45237	0.136864	0.570269	-1.75356	0.155778	0.587265	-1.70281	0.0777094	2.50298	-1.98812	0.314039	0.342072	-2.92336	5.63616	10.9713	1.72938	1
cg06976521	SNORD125;AP1B1;AP1B1-AP1B1- SNORD126;MIR1201;CCNB1IP1;CCNB1I	0.0467194	0.571675	0.848991	-1.17787	0.584569	0.853733	-1.17133	0.42356	0.791273	-1.26379	0.783143	1.08223	1.08223	0.000880945	0.239784	-4.17043	0.262735	0.71573	-1.39718	0.359829	1.30952	1.30952	0.911659	0.968711	-1.0323	0.201587	0.679592	-1.47147	3.47624	4.51683	1.15497	1
cg18729186	P1;CCNB1IP1;CCNB1IP1- SNORD128;C20orf199;MIR129-5;CD2orf	0.00317225	0.00111411	0.426427	-2.34507	0.2219615	0.613997	-1.62867	0.247988	0.807785	-1.23795	0.087027	0.552469	-1.81006	0.0001603	0.354104	-2.82403	0.41232	1.1604	1.1604	0.0156103	0.590863	-1.69244	0.761606	0.947431	-1.05494	0.0306433	0.649702	-1.53917	8.41726	4.19902	0.44343	1
cg18598146	19I;SNORD12;C20orf199	0.0131082	0.00156529	0.197161	-5.072	0.830908	0.926432	-1.07941	0.784363	1.10298	1.10298	0.413695	1.34798	1.34798	0.531487	0.797322	-1.2542	0.105499	1.8813	1.8813	0.00838143	0.300126	-3.33193	0.678494	0.861608	-1.16062	0.0126758	0.330495	-3.02576	5.41547	10.9522	1.79767	1
cg27122942	SNORD15A;RPS3	0.00158582	0.407329	1.07175	1.07175	0.054E-05	1.78901	1.78901	0.0836965	1.21615	1.21615	0.425206	1.06882	1.06882	0.0483677	0.429353	-1.08233	0.348699	0.94716	-1.08204	0.0526562	0.708435	-1.41153	0.00509662	0.708435	-1.41153	0.00509662	0.708435	-1.41153	0.00509662	1.0161	0.0494442	1
cg03315944	SNORD15A;RPS3	0.0058126	0.478881	0.889559	1.12419	0.2892625	1.19581	1.19581	0.3583	9.50E-05	3.09574	0.09574	0.382834	0.996502	0.1035	0.935975	0.750482	-1.33248	0.722721	1.05963	1.05963	0.2385	1.01946	1.01946	0.943006	1.12726	1.12726	0.79682	0.96831	2.96831	0.372055	1
cg24037361	SNORD15A;RPS3	0.0104018	0.664303	1.07063	1.07063	0.0589316	0.716492	-1.39569	0.404798	1.14251	1.14251	0.000266817	0.392444	-2.54813	0.45528	1.12622	1.12622	0.944533	1.01093	1.01093	0.0838441	0.741542	-1.34854	0.9888	0.997809	-1.0022	0.060143	0.71791	-1.39293	5.83651	2.25827	0.34393	1
cg11799735	SNORD15A;RPS3	0.0104055	0.0045016	0.515218	-1.94093	0.0154432	0.07734	-4.12974	0.0135435	3.75004	3.75004	-1.13748	0.0899193	0.914494	-1.09374	0.0153274	1.59607	-1.07427	0.730643	0.939892	-1.06395	0.0001899	0.496642	-2.01338	0.0015574	1.53033	-1.88634	0.0001937	1.02275	5.83237	2.72655	0.453674	1
cg16029256	SNORD15B;RPS3	0.00281699	0.0016278	0.307346	-3.25356	0.235368	0.72253	-1.38402	0.519197	1.18621	1.18621	0.799191	0.935554	-1.06888	0.0219638	0.510797	-1.95822	0.002966824	0.344507	-2.9027	0.0010359	0.280913	-3.55982	0.477026	1.20797	1.20797	0.00831976	0.414192	-2.41434	8.79194	9.43048	0.961385	1
cg22145461	SNORD17;SNX5;SNX5	0.0029972	0.0594463	0.543387	-1.84027	0.0276454	0.538853	-1.85587	0.8864274	0.770518	-1.29783	0.0741507	0.758643	-1.31814	0.0129301	0.651637	-1.5346	0.310749	0.804517	-1.15672	0.0731604	1.31952	1.31952	0.99211	1.00123	1.00123	0.00839443	0.456801	-2.18914	7.86913	2.45407	0.27126	1
cg03117379	SNORD17;SNX5;SNX5	0.0156349	0.0232344	0.383137	-2.61003	0.040443	0.433111	-2.30888	0.249702	0.653498	-1.53023	0.168098	1.68113	1.68113	0.0267174	0.395197	-2.53039	0.58543	0.823012	-1.21505	0.00990877	0.315944	-3.16512	0.0506675	2.19785	2.19785	0.0247349	0.3885	-2.574	5.11003	10.121	1.76054	1
cg04866357	SNORD18C;RPL4;SNORD18B	0.03018	0.00758526	0.240882	-4.15141	0.258775	0.613617	-1.62968	0.668378	1.19557	1.19557	-1.44753	0.744552	-1.34309	0.00370908	0.196884	-5.07914	0.343461	0.667294	-1.49859	0.0218638	0.310178	-3.22787	0.606464	0.806234	-1.24034	0.028878	0.343694	-2.90957	0.408596	0.11184	2.41877	1
cg06572573	SNORD18A;SNORD18	0.0193512	0.00545717	0.263719	-3.79475	0.0209639	0.378535	-2.64346	0.383842	0.767995	-1.30245	0.71514	1.02877	1.02877	0.507379	0.9065	-1.10321	0.884641	0.990076	-1.00763	0.755447	1.63032	1.63032	0.0067351	0.275447	1.6302	1.6302	0.0067351	0.275447	1.6302	0.0067351	0.275447	1.6302	1
cg05812008	SNORD18;SNORD1A	0.0229856	0.0210671	0.787868	-1.26925	0.240922	0.899878	-1.11126	0.00623771	0.736141	-1.35843	0.703532	1.0334	1.0334	0.147747	0.875064	-1.14277	0.088196	1.17548	1.17548	0.0828469	1.17945	1.17945	0.184531	0.886081	-1.12856	0.199659	1.12349	1.12349	4.48582	0.524635	0.103959	1
cg07925990	SNORD1C	0.00554172	?	?	?	?	?	?	0.154434	2.479	2.479	0.00109918	0.0465109	21.5003	?	?	?	?	?	?	0.182761	0.426405	-2.34607	0.0129695	0.743853	-6.73933	0.0450306	0.245426	-4.07455	9.13322	28.0896	4.30714	1
cg27058018	SNORD1C	0.00625851	0.0209366	3.15568	3.15568	0.0895219	4.007	4.007	0.610683	0.813468	-1.22931	0.42097	1.39267	1.39267	0.267705	1.15142	1.15142	0.045612	2.56133	2.56133	0.00448238	0.701	10.7061	0.228151	0.599437	-1.66823	0.0761789	0.446781	2.37853	19.7363	1.94468	1
cg27048959	SNORD1C	0.0183954	0.0214647	0.739799	-1.35172	0.132849	0.837868	-1.19351	0.0182274	0.731504	-1.36705	0.988556	1.00157	1.00157	0.272825	0.882938	-1.13258	0.337589	1.11387	1.11387	0.0576844	1.26381	1.26381	0.6993	0.958543	-1.04325	0.08246	1.23147	1.23147	3.73894	0.70466	0.167525	1
cg03167953	SNORD1C	0.00983753	0.0460974	0.660103	-1.51481	0.0443121	0.677374	-1.47574	0.3151695	1.18222	1.18222	0.379794	1.00951	1.00951	0.886354	1.02727	1.02727	1.236416	1.12972	1.12972	0.0219774	1.22647	1.22647	0.1258	0.916666	-1.09091	0.084813	0.719346	1.39025	1.39025	1.40404	1.68227	1.9265	1.439939	1
cg24143611	SNORD23;GLTSCR2	0.0120375	0.5808987	1.11765	1.11765	0.00829929	2.79041	2.79041	0.63111	1.03003	1.03003	0.250718	1.27726	1.27726	0.0431964	0.45938	-2.17685	0.188683	1.32839	1.32839	0.0863363	1.30239	1.30239	0.68479	1.08534	1.08534	0.994918	0.998702	-1.0013	5.56785	3.66621	0.585299	1
cg00565090	SNORD23;GLTSCR2	0.0243157	0.1636837	0.636567	-1.43193	0.0927318	0.804403	-1.24316	0.00268563	0.613763	-1.62929	0.0898044	0.822407	-1.24611	0.679311	0.952234	-1.05016	0.10376	2.7258	2.7258	1.894E-07	0.0171746	0.877581	-1.14419	0.725447	0.876608	-1.19346	0.848509	0.70338	0.70338	0.4502	1.81346	1.93014	1
cg21170636	SNORD24;MED22;RPL7A;MED22 SNORD27;SLC34A2;SLC34A2;SNHG1;SLC3 A2;SNORD28;SLC34A2;SNORD25;SLC34A2	0.00331692	0.1698641	0.837715	-1.19372	0.486478	0.917925	-1.08941	0.0304801	1.36067	1.36067	0.0257961	1.37797	1.37797	0.317133	1.13343	1.13343	0.00883782	0.667853	-1.49734	0.000460631	0.512877	-1.94079	0.697976	0.953869	-1.04836	0.0136261	0.691001	-1.44718	8.46145	1.96573	0.206503	1
cg03321150	SLC34A2;SLC34A2;SNORD26; SNORD27;SLC34A2;SLC34A2;SNORD26;SN	0.0129612	0.186203	0.85869	-1.16456	0.956028	0.994024	-1.00601	0.184944	1.16513	1.16513	0.800838	0.972896	-1.02786	0.78966	1.02949	1.02949	0.215793	1.15213	1.15213	0.903564	1.01326	1.01326	0.00079318	1.735	1.735	0.00334645	1.54347	1.54347	5.43544	1.01725	0.166357	1
cg03527159	ORD28;SLC34A2;SLC34A2;SLC34A2;SNHG1 SNORD27;SLC34A2;SLC34A2;SNORD26;SN	0.00588085	0.354855	0.889544	-1.12417	0.000190527	2.16687	2.16687	0.897246	1.01602	1.01602	0.120266	0.81282	-1.23028	0.302977	0.877033	-1.14021	0.904915	1.0148	1.0148	0.0229823	0.71573	-1.39718	0.306537	0.877937	-1.13903	0.6037	0.937632	-1.06652	6.98223	1.67227	0.212892	1
cg03438602	ORD28;SLC34A2;SLC34A2;SLC34A2;SNHG1 SNORD27;SLC34A2;SLC34A2;SNORD26;SN	0.0128541	0.610749	0.826898	-1.20934	0.000532572	0.135797	-7.36394	0.011787	3.26093	3.20469	0.944432	1.02615	1.02615	0.770419	1.14233	1.14233	0.112804	0.527758	-1.89481	0.711716	0.877186	0.837981	-1.14419	0.725447	0.876608	-1.19346	0.848509	0.70338	0.70338	0.4502	1.81346	1.93014	1
cg05115468	ORD28;SLC34A2;SLC34A2;SLC34A2;SNORD 25;SNHG1;SNORD27;SLC34A2;SLC34A2;SNORD26;SN ORD28;SLC34A2;SLC34A2;SLC34A2;SNORD	0.00979189	0.993405	0.998884	-1.00112	0.0167116	1.48404	1.48404	0.0248397	1.43467	1.43467	0.00128142	0.530212	-1.88604	0.979452	1.00349	1.00349	0.346977	1.13982	1.13982	0.102091	1.27353	1.27353	0.964484	1.00597	1.00597	0.0856589	0.773586	-1.29268	5.95048	1.72104	0.257091	1
cg24909445	25;SNHG1;SNORD27;SLC34A2;SLC34A2;SNORD26;SN ORD25;SLC34A2;SLC34A2;SNORD26;SLC3	0.0401714	0.200808	1.19664	1.19664	0.00948429	1.54757	1.54757	0.160124	1.22066	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25757149	SNORD57;NOP56;NOP56;SNORD56;SNORD86	0.000904861	0.779594	1.03429	1.03429	0.477476	1.09067	1.09067	0.221754	0.856992	-1.16687	0.0384171	1.33409	1.33409	0.00506844	0.640658	-1.56089
cg16117166	SNORD57;NOP56;SNORD86;NOP56;SNORD56	0.00115482	0.0520248	0.612109	-1.6337	0.894454	1.02991	1.02991	0.232813	0.75743	-1.32025	0.031387	0.570861	-1.75174	6.56E-05	0.196608	-5.08627
cg05605377	SNORD58A;RPL17;RPL17	0.0092408	0.00240144	0.17981	-5.56144	0.150272	0.534921	-1.86943	0.151729	0.536282	-1.86469	0.180579	0.561673	-1.7804	0.0258523	0.341823	-2.92549
cg26840726	SNORD58A;RPL17;SNORD58B;RPL17	0.00181765	0.0472658	2.42371	2.42371	0.027425	2.78168	2.78168	0.0224095	2.93005	2.93005	0.420064	1.37104	1.37104	0.0596968	2.28617	2.28617
cg01017464	SNORD58A;SNORD58B;RPL17;RPL17	0.00996443	0.00478915	0.401294	-2.49194	0.00975336	0.450643	-2.21905	0.2346	1.35504	1.35504	0.10654	0.65066	-1.5369	0.0231685	0.515809	-1.9387
cg12953599	SNORD58A;SNORD58B;RPL17;RPL17	0.0151413	0.957975	0.988182	-1.01196	0.00360504	0.411073	-2.43266	0.918817	0.977263	-1.02327	0.96876	1.00887	1.00887	0.00165104	0.362002	-2.76242
cg24157651	SNORD58A;SNORD58B;RPL17;RPL17	0.0213153	0.19735	1.90108	1.90108	0.00923916	0.210657	-4.74706	0.908553	0.947273	-1.05566	?	?	?	0.169743	1.99264	1.99264
cg20757196	SNORD60;TRAF7	0.0322676	0.248104	1.1908	1.1908	0.863838	0.975481	-1.02513	0.0125002	1.56737	1.56737	0.517868	1.09945	1.09945	0.0767861	1.32929	1.32929
cg01220068	SNORD62B;BAT2L1;SNORD62A	0.0175339	0.353137	0.799887	-1.25018	0.00904439	2.17152	2.17152	0.529944	0.861825	-1.16033	0.762547	0.931631	-1.07339	0.0119742	0.480614	-2.08067
cg03531787	SNORD6;SNORA32;SNORA25	0.0222061	0.686549	0.891234	-1.12204	0.455232	0.805834	-1.24095	0.0193942	0.448273	-2.23079	0.102846	0.602576	-1.65954	0.00508338	0.349537	-2.86093
cg11667301	SNORD70;NOP58	0.0359306	0.0112121	3.18576	3.18576	0.025209	0.378883	-2.63934	0.347879	0.702985	-1.4225	0.167615	1.70969	1.70969	0.376137	1.39261	1.39261
cg15130459	SNORD72;RPL37	6.58E-05	0.000163137	0.318983	-3.13497	2.14E-05	0.218858	-4.56918	0.00272664	0.479458	-2.08569	0.126417	0.745481	-1.34142	0.000239374	0.339497	-2.94553
cg08754067	SNORD72;RPL37	0.000850074	0.000195236	0.126498	-7.90528	0.000350972	0.150243	-6.6559	0.00890213	0.333455	-2.99891	0.0371747	0.450116	-2.22165	0.000870761	0.192413	-5.19717
cg23147906	SNORD72;RPL37	0.0122843	0.00217858	0.362632	-2.75761	0.164771	0.704953	-1.41853	0.14492	0.691199	-1.44676	0.28346	1.30068	1.30068	0.184221	0.717279	-1.39416
cg16905926	SNORD74;SNORD75;ZBTB37;ZBTB37;GAS5;ZBTB37;ZBTB37	0.00977249	0.540338	1.08325	1.08325	0.622839	1.06604	1.06604	0.420685	0.899309	-1.11197	0.821723	0.971304	-1.02954	0.311146	0.873554	-1.14475
cg10578779	SNORD74;ZBTB37;GAS5;ZBTB37	0.0151093	0.926186	1.01486	1.01486	0.87033	1.02635	1.02635	0.0988972	1.33388	1.33388	0.004404	0.545896	-1.83185	0.0623576	1.39659	1.39659
cg07177756	SNORD75;SNORD78;ZBTB37;ZBTB37;SNORD76;GAS5;SNORD77;SNORD44	0.000248929	0.00585964	0.56865	-1.75855	3.69E-05	0.288806	-3.46254	0.468088	0.890882	-1.12248	0.310024	0.8484	-1.17869	0.00105601	0.468569	-2.13416
cg13489958	SNORD76;SNORD74;SNORD75;GAS5;ZBTB37;ZBTB37	0.00390181	0.0128513	0.596734	-1.67579	0.523421	0.897568	-1.11412	0.967506	1.00683	1.00683	0.000432407	0.39447	-2.53505	0.0131467	0.598195	-1.6717
cg20781819	SNORD76;SNORD74;SNORD75;GAS5;ZBTB37;ZBTB37	0.024431	0.677081	0.915298	-1.09254	0.129597	0.707475	-1.41348	0.976034	1.00637	1.00637	0.0309917	0.585559	-1.70777	0.36591	0.821755	-1.21691
cg25883402	SNORD76;SNORD74;SNORD75;GAS5;ZBTB37;ZBTB37	0.0401855	0.0110546	0.673696	-1.48435	0.984904	0.997658	-1.00235	0.578552	1.07202	1.07202	0.333531	0.883712	-1.13159	0.0668994	1.28992	1.28992
cg17025683	SNORD78;ZBTB37;SNORD75;ZBTB37;SNORD76;GAS5;SNORD77;SNORD44	0.00122278	0.00182078	0.391897	-2.55169	0.0348983	0.594699	-1.68152	0.00936356	2.00685	2.00685	0.0107482	0.507869	-1.96901	?	?	?
cg23622141	SNORD83A;SNORD83B;RPL3;RPL3	0.0266581	0.00277505	0.187779	-5.32542	0.928049	0.964047	-1.03729	0.0342642	0.367389	-2.72191	0.104463	0.486992	-2.05342	0.0039278	0.207354	-4.82267
cg09427493	SNORD84;BAT1;BAT1	0.0125458	0.560583	0.900261	-1.11079	0.658546	1.08264	1.08264	0.601664	1.0986	1.0986	0.475667	0.878529	-1.13827	0.247436	0.805805	-1.24099
cg13156044	SNORD84;BAT1;BAT1	0.02772	0.105159	0.747111	-1.33849	0.310637	0.841357	-1.18856	0.304435	1.1914	1.1914	0.439678	1.13857	1.13857	0.00194788	2.05752	2.05752
cg00640314	SNORD87;SNHG6	0.00668032	0.00978449	0.112556	-8.88449	0.0147207	0.134303	-7.44585	0.0108086	0.117548	-8.50714	0.143343	0.34936	-2.86237	0.0112818	0.119756	-8.35028
cg20217649	SNORD87;SNHG6	0.00679799	0.0670544	0.375441	-2.66354	0.00019855	0.0506345	-19.7494	0.305886	0.602923	-1.65859	0.661229	0.810214	-1.23424	0.422359	0.676281	-1.47868
cg03884270	SNORD87;SNHG6	0.0434752	0.0171088	0.0692072	-14.4494	0.021735	0.0795424	-12.5719	0.0626395	0.145854	-6.85617	0.977603	0.974534	-1.02613	0.0165657	0.0679139	-14.7245
cg09577417	SNORD89	0.00219433	0.121353	0.72518	-1.37897	5.01E-05	0.233291	-4.2865	0.149561	0.744071	-1.34396	0.45238	1.15774	1.15774	0.058867	1.50413	1.50413
cg10311315	SNORD89	0.00455551	0.574442	1.16133	1.16133	0.06554	1.72441	1.72441	0.58071	1.15844	1.15844	0.190886	1.44068	1.44068	0.000663643	0.253084	-3.95126
cg11353300	SNORD89	0.00554441	0.949633	0.977807	-1.0227	0.621857	1.19319	1.19319	0.794077	0.911251	-1.09739	0.404321	0.73848	-1.35413	0.000423066	0.137491	-7.27322
cg06352088	SNORD89	0.00700127	0.0350704	0.309906	-3.22679	0.0140743	0.235489	-4.24647	0.0187229	0.25684	-3.89348	0.0899842	0.410002	-2.43901	0.00762162	0.194583	-5.13919
cg22060153	SNORD89	0.019237	0.350322	0.682869	-1.46441	0.0559592	2.36107	2.36107	0.718611	0.866257	-1.15439	0.731001	0.872025	-1.14676	0.00428095	0.219537	-4.55504
cg04771901	SNORD89	0.0316874	0.494459	1.3797	1.3797	0.629144	0.797915	-1.25327	0.196985	0.531111	-1.88284	0.66769	0.81843	-1.22185	0.00169228	0.124806	-8.01243
cg13430463	SNORD92;WDR43	3.60E-05	5.48E-06	0.190689	-5.24414	0.0184644	0.630726	-1.58548	0.187416	1.25272	1.25272	2.26E-05	0.254398	-3.93085	2.21E-05	0.253275	-3.94828
cg06496272	SNORD93	0.00154787	0.109193	0.586618	-1.70469	0.0214952	0.430259	-2.32418	0.19624	1.51784	1.51784	0.0879709	0.562706	-1.77713	0.0122221	0.385468	-2.59425
cg22407942	SNORD93	0.0309747	0.65484	0.830139	-1.20462	0.885169	1.06161	1.06161	0.144049	1.91423	1.91423	0.01965	0.311587	-3.20938	0.527373	1.30334	1.30334
cg01119172	SNORD94;PTCD3	0.00712476	0.747375	0.901552	-1.1092	0.0714561	0.524381	-1.90701	0.0118993	0.365438	-2.73644	0.286669	0.701314	-1.4259	0.000217292	0.138336	-7.22877
cg08521046	SNORD94;PTCD3	0.0135958	0.0300567	0.337033	-2.96707	0.844784	0.919849	-1.08713	0.0300308	0.336955	-2.96775	0.877826	1.06777	1.06777	0.000976099	0.1236	-8.09061
cg23632804	SNORD97;EIF4G2;EIF4G2	0.00983147	0.084905	1.38784	1.38784	0.0140811	0.593716	-1.68431	0.00112526	0.43832	-2.28144	0.146268	1.30772	1.30772	0.427392	0.869884	-1.14958
cg08575708	SNORD97;EIF4G2;EIF4G2	0.0134698	0.169547	0.498659	-2.00538	0.0738379	0.387704	-2.57929	0.0187048	0.25792	-3.87717	0.748095	0.857938	-1.16558	0.00372518	0.155214	-6.44271
cg17907583	SNORD9;CHD8;CHD8	1.51E-05	5.31E-05	0.194963	-5.12918	0.00199986	0.388637	-2.57309	0.000229164	0.265547	-3.76582	0.574267	0.884286	-1.13086	1.18E-06	0.0655685	-15.2512
cg13981034	SNORD9;CHD8;CHD8	0.00271679	0.69904	0.926178	-1.07971	0.167193	1.33732	1.33732	0.836006	0.959909	-1.04177	0.00779247	0.509481	-1.96278	0.00309443	0.449745	-2.22348
cg06479032	SNPH	7.95E-05	0.696556	0.874243	-1.14385	0.914118	1.03769	1.03769	0.820484	1.08106	1.08106	0.796	1.09291	1.09291	0.178848	0.612774	-1.63192
cg11864402	SNPH	0.000897622	0.198993	1.15537	1.15537	0.0411088	0.778202	-1.28501	0.983046	0.997741	-1.00226	4.08E-05	2.29997	2.29997	0.0612099	0.798948	-1.25165
cg18896458	SNPH	0.00237797	0.440466	1.12683	1.12683	0.193364	0.81147	-1.23233	0.0680851	0.733365	-1.36358	0.000118921	0.359945	-2.7782	0.855093	1.02814	1.02814
cg12204262	SNPH	0.003123	0.704307	1.10448	1.10448	0.0490742	0.556817	-1.79592	0.100917	0.626116	-1.59715	0.310612	1.31445	1.31445	0.501564	0.837141	-1.19454
cg05020775	SNPH	0.00471502	0.307283	0.902849	-1.10761	0.958165	1.00509	1.00509	0.0562124	0.811314	-1.23257	0.901446	1.01205	1.01205	0.154744	0.863055	-1.15868
cg13497268	SNPH	0.00981729	0.063693	1.31855	1.31855	0.00106167	0.526243	-1.90026	0.009303	0.645535	-1.5491	0.796885	1.03481	1.03481	0.0110616	0.655282	-1.52606
cg20074395	SNPH	0.0121817	0.00153692	0.167499	-5.97018	0.0286904	2.75035	2.75035	0.704354	1.1612	1.1612	0.4117	1.38967	1.38967	0.0646177	0.44319	-2.25637
cg25509338	SNPH	0.0239322	?	?	?	?	?	?	?	?	?	0.102176	8.47691	8.47691	0.188862	5.23209	5.23209
cg04053242	SNPH	0.0467479	0.256867	0.744594	-1.34301	0.0729856	1.64606	1.64606	0.130017	1.50317	1.50317	0.362713	1.26256	1.26256	0.400565	0.806994	-1.23917
cg02626873	SNPH	0.0483703	0.522644	1.09286	1.09286	0.00312219	1.74011	1.74011	0.937821	1.01075	1.01075	0.741613	0.955664	-1.04639	0.485918	0.907517	-1.10191
cg26286956	SNPH;SNPH	0.01175	0.75675	1.03118	1.03118	0.26477	1.12171	1.12171	0.43962	0.925065	-1.081	0.143608	0.856167	-1.168	0.176566	1.15254	1.15254
cg16793043	SNRK;SNRK	2.86E-14	?	?	?	?	?	?	3.63E-14	0.367386	-2.72193	?	?	?	?	?	?
cg07640412	SNRK;SNRK	0.000411774	0.907859	1.02397	1.02397	5.59E-05	4.63039	4.63039	0.0401861	1.62412	1.62412	0.00312346	2.28581	2.28581	0.00224735	0.416877	-2.39879
cg01801643	SNRK;SNRK	0.00346099	0.029425	0.588918	-1.69803	0.0413993	0.615339	-1.62512	0.433393	0.847873	-1.17942	0.325774	0.811031	-1.233	0.000281951	0.293677	-3.4051
cg03485508	SNRK;SNRK	0.0036658	0.00580285	0.141068	-7.08878	0.000845861	0.0659003	-15.1744	0.0207341	0.221076	-4.52333	0.0877698	0.360105	-2.77697	0.0034573	0.116288	-8.59932
cg02219383	SNRK;SNRK	0.0102375	0.504848	0.87735	-1.1398	0.157666	0.746665	-1.33929	0.262354	0.797734	-1.25355	0.00156692	0.415416	-2.40723	0.489632	0.873097	-1.14535
cg10527635	SNRK;SNRK	0.0258031	0.277065	0.90167	-1.10905	0.0298638	1.26364	1.26364	0.0504925	1.22641	1.22641	0.835924	1.01917	1.01917	0.546644	0.945677	-1.05744
cg06523478	SNRNP200	0.00021144	0.00462249	0.41651	-2.4009	0.83013	0.951292	-1.0512	0.197777	0.728769	-1.37218	0.229699	1.34034	1.34034	0.3897	1.22736	1.22736
cg19571304	SNRNP200	0.000270192	0.456241	0.915757	-1.09199	0.0209733	1.38004	1.38004	0.605714	0.941396	-1.06225	0.562718	0.934381	-1.07023	5.15E-06	0.300717	-3.32539
cg19744723	SNRNP200	0.000857036	0.105702	0.835096	-1.19747	0.745111	1.03382	1.03382	0.981292	0.997612	-1.00239	0.000233864	0.536753	-1.86305	0.00608699	0.694076	-1.44077
cg09935088	SNRNP200	0.00114763	0.675844	0.902963	-1.10746	0.210196	0.725777	-1.37783	0.53014	0.856957	-1.16692	0.243037	1.34518	1.34518	0.123586	1.49908	1.49908
cg00336220	SNRNP200	0.0136247	0.717818	1.1116	1.1116	0.0893681	1.72649	1.72649	0.111491	0.60327	-1.65763	0.13054	0.621232	-1.6097	0.548879	1.19343	1.19343
cg18419276	SNRNP200	0.0167275	0.0229635	0.378571	-2.64151	0.00750181	0.292619	-3.41742	0.0799363	0.49967	-2.00132	0.251194	0.65175	-1.53433	0.0112549	0.321804	-3.10748
cg13140267	SNRNP200	0.0182659	0.100154	0.6104	-1.63827	0.0245338	0.479958	-2.08352	0.0116847	0.421698	-2.37137	0.623977	0.873369	-1.14499	0.00540028	0.366568	-2.72801
cg02498382	SNRNP27	0.000249384	0.402043	0.799879	-1.25019	6.40E-05	0.147502	-6.77958	0.89592	0.966498	-1.03466	0.00561694	0.388081	-2.57678	3.33E-05	0.122959	-8.1328
cg25332238	SNRNP27	0.0045718	0.0559112	0.306682	-3.26071	0.109824	2.58907	2.58907	0.0251723	0.233836	-4.2765	0.953006	0.968347	-1.03269	0.0196015	0.214575	-4.66038
cg18310707	SNRNP27	0.00739057	0.555467	1.15398	1.15398	0.00512809	2.43014	2.43014	0.00210577	2.82523	2.82523	0.476341	1.18996	1.18996	0.0745343	0.620565	-1.61143
cg19795502	SNRNP27	0.015145	0.736865	0.844173	-1.18459	0.0924839	2.53468	2.53468	0.0675045	2.79821	2.79821	0.295197	1.72512	1.72512	0.0349386	0.290956	-3.43694
cg08466320	SNRNP27	0.0278587	0.00257523	1.75542	1.75542	0.0713832	1.31147	1.31147	0.0620934	1.32689	1.32689	0.0607936	1.32924	1.32924	0.268967	1.16769	1.16769
cg14608581	SNRNP27	0.0441334	0.40111	0.465574	-2.14789	0.165495	3.72761	3.72761	0.0323447	0.107632	-9.29088	0.967623	1.03676	1.03676	0.0209681	0.0845269	-11.8306
cg02902124	SNRNP27;SNRNP27	0.00103953	0.794976	0.946306	-1.05674	0.000627865	3.04689	3.04689	0.000540157	3.12765	3.12765	0.00454011	0.448772	-2.2283	0.00559195	0.4625	-2.16216
cg09741995	SNRNP35;SNRNP35;SNRNP35	0.00248749	0.0409357	0.366157	-2.73107	0.0259755	0.324502	-3.08165	0.0242751	0.318686	-3.13788	0.434005	0.7118	-1.40489	0.00264046	0.170002	-5.88228
cg17277821	SNRNP35;SNRNP35;SNRNP35	0.00822606	0.635613	1.03589	1.03589	0.278611	0.920143	-1.08679	0.585357	1.04154	1.04154	0.176633	0.899322	-1.11195	0.0360399	0.835148	-1.19739
cg23921487	SNRNP35;SNRNP35;SNRNP35	0.0128005	0.0191604	0.152916	-6.53952	0.403591	0.567656	-1.76163	0.055549	0.237534	-4.20993	0.661716	0.747	-1.33869	0.0113524	0.122469	-8.16533
cg21843517	SNRNP35;SNRNP35;SNRNP35	0.0414716	0.169032	1.39864	1.39864	0.0129528	2.02631	2.02631	0.191378	1.37261	1.37261	0.912139	1.02559	1.02559	0.364836	1.23763	1.23763
cg21338961	SNRNP35;SNRNP35;SNRNP35	0.0490982	0.361885	0.722433	-1.38421	0.40326	0.74325	-1.34544	0.0253145	0.397542	-2.51546	0.0168978	0.363861	-2.7483	0.30002	0.688949	-1.45149
cg16745283	SNRNP35;SNRNP35;SNRNP35	0.0496227	0.0177372	0.655302	-1.52602	0.657516	1.06759	1.06759	0.0433137	1.40592	1.40592	0.241954	0.835668	-1.19665	0.66013	0.937194	-1.06701
cg02955229	SNRNP40	0.00872082	0.0491846	0.406322	-2.4611	0.00424962	0.215505	-4.64026	0.220018	0.596142	-1.67745	0.806171	0.906098	-1.10363	0.000496561	0.112342	-8.90142
cg03605784	SNRNP40;ZCCHC17	0.00836272	0.00497128	0.174849	-5.7192	0.00711564	4.84471	4.84471	0.0137654	3.68549	3.68549	0.253067	0.660375	-1.51429	?	?	?
cg08934492	SNRNP40;ZCCHC17	0.0318722	0.387465	1.18786	1.18786	0.857689	1.0355	1.0355	0.00644815	1.99064	1.99064	0.0307808	1.63722	1.63722	0.515257	1.13681	1.13681
cg04494737	SNRNP48	0.000366922	0.0168096	1.30185	1.30185	0.0239516	1.27577	1.27577	8.88E-05	1.88628	1.88628	0.00211397	1.47809	1.47809	0.157556	1.14642	1.14642
cg15167547	SNRNP48	0.00146623	0.0368309	2.17062	2.17062	0.0544832	2.00828	2.00828	0.540227	0.820231	-1.21917	0.0148216	0.383616	-2.60677	0.000220077	0.139776	-7.1543
cg03818715	SNRNP48	0.00442882	0.0405784	0.495676	-2.01745	0.759351	1.09548	1.09548	0.00717689	2.80147	2.80147	0.237705	0.692742	-1.44354	0.00697526	0.354948	-2.81731
cg21147708	SNRNP48	0.00874823	0.0186994	0.221509	-4.51449	0.0137351	0.199615	-5.00964	0.00551934	0.145282	-6.88317	0.194831	0.484183	-2.06533	0.0029346	0.115227	-8.67853
cg00147339	SNRNP48	0.0099729	0.490376	0.804767	-1.2426	0.209917	1.5063	1.5063	0.066082	1.89496	1.89496	0.0130643	0.384991	-2.59746	0.228742	0.675964	-1.47937
cg16737773	SNRNP70	0.000172921	0.114963	1.42237	1.42237	0.235199	1.29142	1.29142	0.0143727	1.85943	1.85943	0.201768	1.31927	1.31927	5.57E-06	0.121535	-8.2281
cg00810316	SNRNP70	0.00114572	0.00446363	0.511849	-1.9537	0.00281734	0.483535	-2.0681	0.0338595	0.645656	-1.54881	0.216132	0.794637	-1.25844	8.68E-05	0.288357	-3.46792
cg12103897	SNRNP70	0.00211103	0.0476889	0.443165	-2.2565	0.150232	0.574497	-1.74065	0.84965	0.934071	-1.07058	0.838992	0.929494	-1.07585	0.000304266	0.121346	-8.24087
cg12236003	SNRNP70	0.0146228	0.10573	1.2559	1.2559	0.00155386	0.556217	-1.79786	0.192453	0.837047	-1.19468	0.0834315	0.781083	-1.28027	0.745263	1.04293	1.04293
cg11455291	SNRNP70	0.0266501	0.0283263	0.696081	-1.43661	0.0438751	1.38287	1.38287	0.67044	0.941851	-1.06174	0.330432	1.15091	1.15091	0.452354	1.1131	1.1131
cg05484920	SNRNP70;SNRNP70	0.00554177	0.369339	0.94384	-1.0595	0.0125989	1.21468	1.21468	0.00303338	1.29002	1.29002	0.23608	1.08095	1.08095	0.0282487	1.17632	1.17632
cg26942250	SNRPA1	0.0044785	0.00073435	0.480784	-2.07993	0.0648367	1.34446	1.34446	0.363395	1.14264	1.14264	0.234603	0.837074	-1.19464	0.0124244	0.641394	-1.55911
cg08323201	SNRPA1	0.0332256	0.802692	1.04111	1.04111	0.00904333	0.586327	-1.70553	0.0189661	0.633109	-1.57951	0.461786	0.886441	-1.12811	0.410481	0.873344	-1.14502
cg00291877	SNRPA1	0.033457	0.673783	0.954439	-1.04774	0.954092	0.993679	-1.00636	0.610997	0.945069	-1.05812	0.620646	0.946534	-1.05649	0.00417059	1.5263	1.5263
cg04620101	SNRPA1	0.0407724	0.0954295	0.854598	-1.17014	0.157307	0.878343	-1.13851	0.233084	1.11321	1.11321	0.845701	1.01685	1.01685	0.237646	1.11194	1.11194
cg03850957	SNRPB2;SNRPB2	0.000483321	0.0610326	0.764503	-1.30804	0.00114897	0.544542	-1.83641	0.00442914	0.616902	-1.621	0.00125315	0.54917	-1.82093	0.00638759	0.636744	-1.57049
cg24899750	SNRPB2;SNRPB2	0.00150082	0.0176868	2.18496	2.18496	0.791988	0.930901	-1.07423	0.000820794	0.255189	-3.91866	0.0122351	0.429337	-2.32917	0.0935035	0.606704	-1.64825
cg07364906	SNRPB2;SNRPB2	0.00156507	0.00245391	3.07294	3.07294	0.0186512	0.467792	-2.1377	0.00965551	0.417874	-2.39307	0.0799761	0.595957	-1.67797	0.455944	1.22422	1.22422
cg08369436	SNRPB2;SNRPB2	0.0253047	0.667361	1.08226	1.08226	0.206536	1.27581	1.27581	0.252299	1.24438	1.24438	0.00489285	0.50568	-1.97753	0.790974	1.04977	1.04977
cg02307161	SNRPB2;SNRPB2;SNRPB2;SNRPB2	0.000343355	0.00118856	0.765482	-1.30637	0.0112829	0.836559	-1.19537	0.0457975	0.879196	-1.1374	0.000346465	0.723501	-1.38217	0.0129061	0.840657	-1.18955
cg03798359	SNRPB;SNORD119;SNRPB	0.0420898	0.136947	0.601276	-1.66313	0.040486	0.471746	-2.11978	0.149142	0.61189	-1.63428	0.0118706	0.368888	-2.71085	0.728457	0.895235	-1.11702
cg04548376	SNRPB;SNRPB	0.00124691	0.0683279	0.785767	-1.27264	0.226037	0.860558	-1.16204	0.0777615	0.793293	-1.26057	0.0171581	0.709562	-1.40932	0.000171954	0.470472	-2.12553
cg09287434	SNRPB;SNRPB	0.0154972	0.540747	0.835845	-1.19639	0.573052	1.17927	1.17927	0.124192	0.617505	-1.61942	0.000565452	0.212866	-4.69779	0.979257	1.00756	1.00756
cg05220630	SNRPB;SNRPB	0.01642	0.809959	1.07063	1.07063	0.0167816	2.28607	2.28607	0.0047194	2.89659	2.89659	0.0570281	1.84052	1.84052	0.259751	1.39522	1.39522
cg05399553	SNRPB;SNRPB	0.0322228	0.000987975	0.17482	-5.72017	0.493057	1.28144	1.28144	0.542893	1.24533	1.24533	?	?	?	0.616551	0.835396	-1.19704
cg04407660	SNRPB;SNRPB	0.0339953	0.0854845	0.556175	-1.79799	0.0190056	0.416299	-2.40212	0.033427	0.464398	-2.15333	0.597134	1.17893	1.17893	0.00415243	0.305506	-3.27326
cg08017165	SNRPB;SNRPB	0.0383304	0.599889	1.06467	1.06467	0.176176	0.843451	-1.18561	0.0449404	0.76151	-1.31318	0.370185	1.1151	1.1151	0.165815	1.19121	1.19121
cg23462052	SNRPB;SNRPB	0.0454852	0.497885	0.69356	-1.44184	0.0483331	0.301289	-3.31907	0.503133	0.69675	-1.43523	0.379809	1.61457	1.61457	0.00311285	0.11645	-8.58735
cg01498883	SNRPB;SNRPB;SNRPB;SNRPB	0.0283591	0.00342271	0.242722	-4.11994	0.691465	1.15259	1.15259	0.820628	1.08421	1.08421	0.00637396	0.28254	-3.53933	0.0649602	0.478165	-2.09133
cg04690793	SNRPC;SNRPC	0.00164955	0.0532548	0.600855	-1.6643	0.262313	0.762515	-1.31145	0.0413994	0.579449	-1.72578	0.00669428	0.442214	-2.26135	0.0172913	0.510359	-1.9594
cg07604025	SNRPC;SNRPC	0.00573598	0.00564848	0.487197	-2.05256	0.0348617	1.62729	1.62729	0.0104622	1.89288	1.89288	0.376198	0.835427	-1.19699	0.0148517	0.552487	-1.81
cg22252041	SNRPC;SNRPC	0.0082249	0.360598	1.12189	1.12189	0.000133988	2.24746	2.24746	0.215907	1.17277	1.17277	0.291246	0.874578	-1.14341	0.163118	1.19981	1.19981
cg15265092	SNRPC;SNRPC	0.0237012	0.00446117	0.203059	-4.92468	0.0217903	0.314331	-3.18136	0.00619039	0.223001	-4.48428	0.840992	0.91903	-1.0881	0.0750905	0.434679	-2.30055
cg26703520	SNRPC;SNRPC	0.0272943	0.157757	0.633024	-1.57972	0.393187	0.767373	-1.30315	0.0395722	0.486471	-2.05562	0.157703	1.57983	1.57983	0.936562	0.976191	-1.02439
cg23664192	SNRPC;SNRPC;SNRPC	5.10E-05	0.078056	1.27852	1.27852	0.117314	1.23798	1.23798	0.934063	1.01044	1.01044	0.86265	0.978504	-1.02197	0.0713681	1.28752	1.28752
cg05239513	SNRPC;SNRPC;SNRPC	0.000431463	0.219162	1.07334	1.07334	3.97E-05	1.53776	1.53776	0.126729	1.09469	1.09469	0.602167	0.971604	-1.02923	0.525737	1.03584	1.03584
cg21774115	SNRPD1	0.0140596	0.245714	1.20136	1.20136	0.586564	1.08651	1.08651	0.198988	1.22763	1.22763	0.582555	0.91954	-1.0875	0.000317948	0.414381	-2.41324
cg14258243	SNRPD1	0.0227331	0.333778	0.681529	-1.46729	0.805111	1.09975	1.09975	0.975269	1.01199	1.01199	0.280337	0.649471	-1.53971	0.0866591	0.482957	-2.07058
cg22215678	SNRPD1	0.023929	0.0423294	0.31734	-3.1512	0.0797618	0.385066	-2.59696	0.350913	0.624233	-1.60197	0.622014	0.783563	-1.27622	0.0102802	0.204458	-4.89097
cg26212229	SNRPD1	0.02685	0.0656258	1.30764	1.30764	0.782954	1.0365	1.0365	0.0990946	1.26457	1.26457	0.197871	1.19326	1.19326	0.36626	1.12807	1.12807
cg12351856	SNRPD1;SNRPD1	0.00643748	0.308337	0.834711	-1.19802	0.195633	0.790962	-1.26428	0.0391385	0.66429	-1.50537	0.414907	0.866931	-1.15349	0.0283502	0.641807	-1.5581
cg17797182	SNRPD1;SNRPD1	0.0143689	0.0837221	1.34238	1.34238	0.00722635	1.70445	1.70445	0.46612	0.892175	-1.12086	0.582632	0.918165	-1.08913	0.283376	0.842434	-1.18704
cg07987191	SNRPD2;SNRPD2	0.0425844	0.0822014	0.778079	-1.28522	0.725985	0.955181	-1.04692	0.824512	0.971473	-1.02936	0.0890476	0.783181	-1.27684	0.0636339	0.76205	-1.31225
cg09195081	SNRPD3;C22orf13	0.0271457	0.451968	1.12031	1.12031	0.117075	1.28711	1.28711	0.0938018	1.31415	1.31415	0.224993	1.20797	1.20797	0.0237511	0.670218	-1.49205
cg24546153	SNRPE	0.00475639	0.000370678	0.255861	-3.90838	0.831498	0.950298	-1.0523	0.0233583	0.522961	-1.91219	0.343248	0.79168	-1.26314	0.00117818	0.320248	-3.12258
cg23035341	SNRPE	0.024395	0.0100565	0.136399	-7.33143	0.0921935	0.320874	-3.11648	0.020628	0.180926	-5.52712	0.842411	0.885084	-1.12984	0.00283535	0.0804143	-12.4356
cg11249452	SNRPE	0.0253252	0.790726	1.05698	1.05698	0.202026	0.755286	-1.324	0.112174	0.697427	-1.43384	0.239361	1.29266	1.29266	0.0991723	0.686191	-1.45732
cg00094095	SNRPE	0.0270033	0.0731311	0.452395	-2.21046	0.317294	0.663465	-1.50724	0.0834196	0.467412	-2.13944	0.146761	0.538969	-1.8554	0.00467843	0.224851	-4.44738
cg01090661	SNRPF	0.0020168	0.452564	1.12906	1.12906	0.00107528	0.464801	-2.15146	0.087802	0.741643	-1.34836	0.510132	1.1118	1.1118	0.632217	0.926362	-1.07949
cg00182877	SNRPF	0.00476127	0.909765	0.985146	-1.01508	0.073849	0.768741	-1.30083	0.963069	1.00613	1.00613	0.421149	0.897202	-1.11458	0.0806772	1.29137	1.29137
cg21011043	SNRPF	0.00620152	0.466444	1.13635	1.13635	0.425402	1.15072	1.15072	0.037659	0.659776	-1.51567	0.44483	1.14378	1.14378	0.000769651	0.415458	-2.40698
cg03557725	SNRPF	0.0187693	0.412199	0.727708	-1.37418	0.229474	1.61292	1.61292	0.0324345	2.58396	2.58396	0.16075	1.76468	1.76468	0.00555812	0.251341	-3.97866

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25757149	0.0183491	1.41044	1.41044	5.24E-05	0.403149	-2.48047	0.805446	1.0301	1.0301	0.0126478	0.689019	-1.45134	12.1043	2.76822	0.203287	1
cg16117166	0.000382115	0.283819	-3.52337	0.00313329	0.407814	-2.4521	0.979326	0.994262	-1.00577	0.021912	0.543019	-1.84156	11.2948	8.82089	0.694197	1
cg05605377	0.645979	0.828902	-1.20642	0.000520183	0.111291	-8.98543	0.0167651	0.305937	-3.26864	0.0969132	0.477469	-2.09438	6.06133	15.8016	2.31729	1
cg26840726	9.26E-05	0.0528508	-18.9212	0.803844	1.09971	1.09971	0.500197	1.29937	1.29937	0.0550192	2.33326	2.33326	11.8554	26.7959	1.75796	1
cg01017464	0.0420207	0.56474	-1.77073	0.00322534	0.375294	-2.66457	0.0132494	0.473014	-2.1141	0.298807	0.769032	-1.30034	5.91736	5.57356	0.837244	1
cg12953599	0.209278	0.741888	-1.34791	0.0676263	0.630099	-1.58705	0.33132	1.25373	1.25373	0.21819	1.33938	1.33938	5.16465	4.16296	0.716487	1
cg24157651	0.0211723	3.69311	3.69311	0.0947646	0.420789	-2.37649	0.0680603	2.62025	2.62025	0.144038	2.09569	2.09569	4.68622	14.661	3.12854	1
cg20757196	0.0734999	1.33455	1.33455	0.0185296	0.661658	-1.51136	0.269716	1.18084	1.18084	0.0298942	1.44704	1.44704	3.98199	1.31913	0.294466	1
cg01220068	0.00630377	0.435413	-2.29667	0.949242	1.01499	1.01499	0.195218	1.37738	1.37738	0.163289	0.70628	-1.41587	4.91828	4.25451	0.768925	1
cg03531787	0.0787352	0.574542	-1.74052	0.00474884	0.344951	-2.89896	0.337769	1.32378	1.32378	0.0482273	0.526893	-1.89792	4.53939	5.79203	1.13418	1
cg11667301	0.0964312	1.94556	1.94556	0.888797	0.950265	-1.05234	0.0258982	2.62311	2.62311	0.742751	1.1276	1.1276	3.83052	8.06609	1.87177	1
cg15130459	0.0035307	0.495285	-2.01904	1.89E-05	0.213198	-4.69049	7.88E-05	0.281359	-3.55418	0.00180225	0.454493	-2.20025	24.7515	12.3711	0.444277	1
cg08754067	0.014419	0.369718	-2.70476	0.000898646	0.193997	-5.15472	0.0041348	0.281172	-3.55655	0.0101502	0.343045	-2.91507	12.3196	21.2436	1.53278	1
cg23147906	0.135805	1.46113	1.46113	0.572489	1.14401	1.14401	0.713291	0.916621	-1.09096	0.00222028	0.363814	-2.74866	5.53127	4.87531	0.783474	1
cg16905926	0.0601584	1.31458	1.31458	0.000217751	0.451343	-2.21561	0.297508	1.1495	1.1495	0.602248	0.934414	-1.07019	5.95425	1.56949	0.234304	1
cg10578779	0.0078513	0.580907	-1.72145	0.639048	1.07812	1.07812	0.342337	1.16857	1.16857	0.0633283	1.39445	1.39445	5.16827	2.07526	0.356923	1
cg07177756	0.616919	1.08213	1.08213	8.82E-05	0.33306	-3.00246	0.000251751	0.388814	-2.57192	0.0540453	0.710183	-1.40809	17.3102	6.71488	0.344813	1
cg13489958	?	?	?	0.764238	0.950978	-1.05155	0.0173978	1.62239	1.62239	0.462173	1.13324	1.13324	8.08452	3.1784	0.393147	1
cg20781819	0.000419657	0.306759	-3.25989	0.27678	0.787373	-1.27005	0.467651	0.855406	-1.16904	0.327493	0.807664	-1.23814	4.39222	3.10666	0.628721	1
cg25883402	0.813979	0.971209	-1.02964	0.03404	0.735926	-1.35883	0.554936	1.07682	1.07682	0.0371914	1.34958	1.34958	3.67686	0.894507	0.216249	1
cg17025683	0.201746	0.752046	-1.32971	0.000324848	0.292735	-3.41606	0.00469151	0.451835	-2.2132	0.343452	0.813585	-1.22913	11.373	7.15448	0.629078	1
cg23622141	0.528195	0.77176	-1.29574	0.283886	0.63677	-1.57043	0.152338	0.537098	-1.86186	0.0566481	0.416992	-2.39813	4.26065	11.0907	2.31383	1
cg09427493	0.365221	0.846951	-1.18071	0.000230037	0.335495	-2.98067	0.0215914	0.611025	-1.63659	0.854096	1.03341	1.03341	5.49349	2.77361	0.448791	1
cg13156044	0.36344	0.857448	-1.16625	0.0846572	1.36892	1.36892	0.133701	0.766178	-1.30518	0.849607	0.969226	-1.03175	4.20263	1.80467	0.381702	1
cg00640314	0.0400923	0.204672	-4.88586	0.000661263	0.0305821	-32.6989	0.00535232	0.0860326	-11.6235	0.0517703	0.227596	-4.39375	6.71209	47.5379	6.29549	1
cg20217649	0.446122	0.690286	-1.44868	0.00223671	0.129636	-7.71388	0.0480692	0.340145	-2.93992	0.112617	0.438546	-2.28026	6.67574	24.0829	3.20669	1
cg03884270	0.226246	0.311112	-3.21428	0.0300804	0.0959196	-10.4254	0.0573948	0.138747	-7.20735	0.0405197	0.113745	-8.79156	3.57121	47.7589	11.8874	1
cg09577417	0.321085	1.21669	1.21669	0.125774	1.37295	1.37295	0.228966	0.785415	-1.27321	0.359679	0.83512	-1.19743	9.38438	5.44038	0.515313	1
cg10311315	0.00192678	0.31435	-3.18117	0.0287771	0.506699	-1.97356	0.539413	1.17798	1.17798	0.58131	0.863434	-1.15817	7.54958	8.30991	0.97841	1
cg11353300	0.0571028	0.465444	-2.14849	0.00204643	0.213552	-4.68271	0.264666	1.5114	1.5114	0.0156547	0.349006	-2.86528	7.10997	14.2136	1.77698	1
cg06352088	0.0114796	0.221181	-4.52117	0.000968942	0.0960435	-10.4119	0.581819	1.30392	1.30392	0.0107617	0.216801	-4.61252	6.61474	23.8463	3.20447	1
cg22060153	0.0358339	0.379466	-2.63528	0.00701928	0.250795	-3.98732	0.630199	1.21226	1.21226	0.0772424	0.458647	-2.18033	4.76703	11.8871	2.21653	1
cg04771901	0.540076	0.749938	-1.33344	0.0136546	0.242888	-4.11712	0.218305	1.82344	1.82344	0.256986	0.577618	-1.73125	4.00792	13.6614	3.02986	1
cg13430463	0.708482	0.941228	-1.06244	0.248875	1.21455	1.21455	0.116016	0.75921	-1.31716	0.00142925	0.475303	-2.10392	29.0383	11.9605	0.366122	1
cg06496272	0.266937	0.702451	-1.42359	0.118159	0.59567	-1.67878	9.74E-05	0.120599	-8.29193	0.00039478	0.178463	-5.60339	10.3852	15.3371	1.31273	1
cg22407942	0.601156	0.803957	-1.24385	0.965484	1.01806	1.01806	0.00681003	0.234458	-4.26515	0.00933691	0.255621	-3.91204	4.0406	10.9535	2.40965	1
cg01119172	0.0183643	0.399485	-2.50323	0.5916	0.840567	-1.18967	0.260125	1.45743	1.45743	0.595587	0.842165	-1.18742	6.57876	10.7147	1.44771	1
cg08521046	0.030569	0.338552	-2.95376	0.00743114	0.230031	-4.34724	0.928257	1.03913	1.03913	0.192351	0.555355	-1.80065	5.3511	15.3967	2.55759	1
cg23632804	0.175169	1.2815	1.2815	0.176202	0.780855	-1.28065	0.287229	1.20936	1.20936	0.123467	0.750492	-1.33246	5.94282	2.78524	0.416599	1
cg08575708	0.0404345	0.324481	-3.08185	0.000969073	0.0967943	-10.3312	0.293976	0.595938	-1.67803	0.0462963	0.337718	-2.96105	5.36746	19.2222	3.18334	1
cg17907583	9.39E-06	0.125967	-7.93856	0.480548	0.856113	-1.16807	0.845783	1.04309	1.04309	0.000211681	0.261448	-3.82485	36.4261	27.0784	0.660782	1
cg13981034	0.000379478	0.326044	-3.06707	0.00902727	0.519336	-1.92554	0.219054	1.29066	1.29066	0.0193013	0.572004	-1.74824	8.81324	5.439	0.548569	1
cg06479032	0.114209	0.554755	-1.8026	5.66E-07	0.00870688	-114.852	0.379607	0.734109	-1.3622	0.203624	0.631187	-1.58432	23.541	43.8469	1.65562	1
cg11864402	0.0383883	0.774686	-1.29085	0.007489	1.44242	1.44242	0.153525	0.849923	-1.17658	0.425542	1.09045	1.09045	12.1318	2.17559	0.159404	1
cg18896458	0.296583	1.17852	1.17852	0.00387181	1.80498	1.80498	0.219429	1.21654	1.21654	0.51389	0.904404	-1.1057	9.1659	3.34429	0.324321	1
cg12204262	0.0152099	0.45979	-2.1749	0.000126397	0.175659	-5.69284	0.00713321	0.404283	-2.47352	0.0107575	0.433802	-2.3052	8.45655	9.09686	0.956194	1
cg05020775	0.773438	0.972474	-1.02831	0.000144523	0.531002	-1.88323	0.0487787	1.24311	1.24311	0.0846272	1.20254	1.20254	7.47102	1.10647	0.131646	1
cg13497268	0.101111	0.788078	-1.26891	0.420518	0.896581	-1.11535	0.915673	1.01415	1.01415	0.853549	0.975786	-1.02481	5.94556	1.65696	0.247723	1
cg20074395	0.175164	0.568206	-1.75993	0.0179744	0.323968	-3.08672	0.300907	1.52231	1.52231	0.842258	1.08125	1.08125	5.54637	13.501	2.16374	1
cg25509338	0.101088	8.54738	8.54738	0.507047	0.451661	-2.21405	0.00465661	0.00960907	-104.068	0.273933	0.259353	-3.85575	5.20578	74.6964	16.7402	1
cg04053242	0.538799	1.16776	1.16776	0.00376346	0.377357	-2.65001	0.275581	0.753769	-1.32667	0.886736	0.965105	-1.03616	3.47545	3.41859	0.874348	1
cg02626873	0.351982	1.14029	1.14029	0.0240987	0.691649	-1.44582	0.549748	1.08649	1.08649	0.519228	0.91434	-1.09369	3.43099	1.02076	0.264456	1
cg26286956	0.0578147	0.809	-1.23609	0.00152614	0.637049	-1.56974	0.361317	0.911439	-1.09717	0.00990749	1.37986	1.37986	5.61167	0.86792	0.137478	1
cg16793043	2.01E-14	0.260478	-3.8391	?	?	?	2.07E-14	0.265453	-3.76715	7.29E-14	2.02768	2.02768	3.49E+13	7.93923	1.14E-13	1
cg07640412	0.722532	0.929664	-1.07566	0.612543	0.9008	-1.11012	0.000980946	2.72538	2.72538	0.0119916	1.89862	1.89862	15.0791	9.99353	0.589105	1
cg01801643	0.0074335	0.49082	-2.03741	0.00153173	0.390098	-2.56346	0.324814	1.23355	1.23355	0.0217572	0.566344	-1.76571	8.20126	5.53506	0.599914	1
cg03485508	0.0130736	0.188529	-5.30421	0.00120023	0.0763936	-13.0901	0.0146894	0.196331	-5.09344	0.0173333	0.207891	-4.8102	8.06123	37.5054	4.13562	1
cg02219383	0.0161963	0.566247	-1.76601	0.00575216	2.01348	2.01348	0.851846	1.03681	1.03681	0.148214	0.740887	-1.34973	5.86637	3.47385	0.526368	1
cg10527635	0.00766463	1.36861	1.36861	0.0105443	1.3426	1.3426	0.829958	0.980501	-1.01989	0.0420776	1.23918	1.23918	4.30949	0.57219	0.118022	1
cg06523478	0.00119592	0.331707	-3.01471	1.09E-05	0.113304	-8.8258	0.344644	1.25387	1.25387	0.000271743	0.249796	-4.00327	18.096	15.4819	0.760484	1
cg19571304	0.398243	0.904556	-1.10551	0.395505	1.10619	1.10619	0.423195	0.909489	-1.09952	0.0011266	0.573513	-1.74364	16.9275	3.60611	0.189362	1
cg19744723	0.0843475	0.823085	-1.21494	0.340723	1.1053	1.1053	0.313285	0.899113	-1.11221	0.000233062	1.86364	1.86364	12.2913	2.02406	0.146377	1
cg09935088	0.349735	0.791644	-1.26319	1.32E-05	0.109033	-9.1715	0.160725	0.695115	-1.43861	0.839707	0.95203	-1.05039	11.3149	10.5581	0.829434	1
cg00336220	0.00165737	0.2692	-3.71471	0.0530739	0.526862	-1.89803	0.290822	1.37656	1.37656	0.0132833	0.40881	-2.44612	5.34738	7.19848	1.19659	1
cg18419276	0.100635	0.526156	-1.90058	0.00746269	0.292256	-3.42166	0.00598727	0.277268	-3.60662	0.0209057	0.37066	-2.69789	4.99639	10.0899	1.79505	1
cg13140267	0.13401	1.55713	1.55713	0.0241888	0.47879	-2.0886	0.416495	0.796471	-1.25554	0.0235295	0.476518	-2.09856	4.85113	5.76967	1.0572	1
cg02498382	0.0385473	0.535804	-1.86636	0.00624279	0.39535	-2.5294	0.000679556	0.25872	-3.86519	0.000685227	0.259172	-3.85844	17.3016	18.5749	0.954305	1
cg25332238	0.770833	0.852651	-1.17281	0.000311634	0.0411117	-24.324	0.409022	1.58542	1.58542	0.00799543	0.156427	-6.39278	7.5414	35.5759	4.19325	1
cg18310707	0.865691	1.04149	1.04149	0.0118316	0.470116	-2.12713	0.133202	1.47555	1.47555	0.106336	1.52733	1.52733	6.50387	5.94096	0.811956	1
cg19795502	0.316771	0.594598	-1.68181	0.359806	1.60469	1.60469	0.879909	1.0789	1.0789	0.00116873	0.0912826	-10.955	5.16423	20.6372	3.55215	1
cg08466320	0.154428	1.22784	1.22784	0.0689004	0.760241	-1.31537	0.625052	1.06857	1.06857	0.0909944	1.28492	1.28492	4.19525	1.20473	0.255259	1
cg14608581	0.162005	0.264962	-3.77413	0.00995756	0.055278	-18.0904	0.159995	0.263046	-3.80161	0.0635504	0.156356	-6.39565	3.55125	44.5041	11.1395	1
cg02902124	0.983225	0.995554	-1.00447	0.0627906	0.641671	-1.55843	0.823318	1.04853	1.04853	0.913289	1.02335	1.02335	11.6378	8.27833	0.632294	1
cg09741995	0.19642	0.558962	-1.78903	6.25E-05	0.0432636	-23.1141	0.0928421	0.455004	-2.19778	0.0106737	0.254914	-3.92289	9.04539	25.9795	2.553	1
cg17277821	0.950457	0.99542	-1.0046	0.000195417	0.629493	-1.58858	0.250138	1.09284	1.09284	0.334285	1.07634	1.07634	6.28871	0.543591	0.0768349	1
cg23921487	0.00291553	0.0665488	-15.0266	0.00268653	0.0640255	-15.6188	0.68545	0.763552	-1.30967	0.0186555	0.151213	-6.61319	5.45763	37.9384	6.17906	1
cg21843517	0.0622593	1.61697	1.61697	0.00387283	2.43711	2.43711	0.135361	1.44561	1.44561	0.0202551	1.89829	1.89829	3.63433	3.01756	0.738037	1
cg21338961	0.236583	0.650368	-1.53759	0.00534387	0.280008	-3.57132	0.219657	0.639054	-1.56481	0.0200336	0.377743	-2.6473	3.41163	6.50276	1.69427	1
cg16745283	0.0602971	0.733028	-1.36421	0.395909	1.13592	1.13592	0.622185	1.07552	1.07552	0.0544814	1.37687	1.37687	3.3979	1.15631	0.30249	1
cg02955229	0.0150406	0.301579	-3.31588	0.0165904	0.309245	-3.23368	0.252788	0.619325	-1.61466	0.057723	0.422852	-2.36489	6.17373	15.7317	2.26504	1
cg03605784	?	?	?	?	?	?	0.312352	0.698178	-1.4323	0.0712169	0.468182	-2.13592	16.7351	16.849	0.671206	1
cg08934492	0.0107347	1.86461	1.86461	0.0136938	1.80845	1.80845	0.140946	1.36035	1.36035	0.0300994	1.64167	1.64167	3.9996	2.39245	0.531708	1
cg04494737	0.496524	1.06441	1.06441	0.000347315	0.594401	-1.68237	0.429936	0.929745	-1.07556	0.0062041	1.38076	1.38076	15.5659	2.01527	0.115082	1
cg15167547	0.743939	0.900546	-1.11044	0.000821886	0.199699	-5.00753	0.242607	1.4782	1.4782	0.892659	1.04409	1.04409	10.5485	17.0644	1.43797	1
cg03818715	0.100481	0.586242	-1.70578	0.00246554	0.286629	-3.48883	0.00509645	0.333336	-2.99997	0.0572602	0.528159	-1.89337	7.61445	10.6228	1.24007	1
cg21147708	0.00914527	0.173603	-5.76027	0.00317428	0.118666	-8.42699	0.174679	0.466004	-2.1459	0.0230309	0.237463	-4.21118	6.1676	27.324	3.93801	1
cg00147339	0.00844607	0.35253	-2.83664	0.00205831	0.260301	-3.84171	0.422576	0.775721	-1.28912	0.289531	1.40612	1.40612	5.91575	9.00541	1.35314	1
cg16737773	0.00430493	0.456271	-2.19168	0.277092	1.26157	1.26157	0.0372983	1.64353	1.64353	0.098271	1.45171	1.45171	19.1092	12.7875	0.594829	1
cg00810316	0.00294729	0.486282	-2.05642	0.202129	0.788335	-1.2685	0.00170353	0.453259	-2.20624	0.00183657	0.457741	-2.18464	11.3202	5.59134	0.439043	1
cg12103897	0.00202099	0.209084	-4.78276	0.000746252	0.158949	-6.29133	0.093257	1.94167	1.94167	0.430438	0.748843	-1.33539	9.49113	19.415	1.81831	1
cg12236003	0.00557034	0.625322	-1.59918	0.898684	1.01656	1.01656	0.506708	0.916804	-1.09075	0.337735	1.1359	1.1359	5.22447	1.37564	0.234051	1
cg11455291	0.27552	0.853199	-1.17206	0.0173857	1.49978	1.49978	0.0168136	1.50425	1.50425	0.0840418	1.30675	1.30675	4.2611	1.32184	0.275742	1
cg05484920	0.197525	0.918149	-1.08915	0.00266808	0.770752	-1.29743	0.442143	0.952057	-1.05036	0.810734	1.01515	1.01515	7.11101	0.442622	0.0553286	1
cg26942250	0.0975531	0.771434	-1.29629	0.10595	0.777198	-1.28667	0.00914143	1.60419	1.60419	0.343439	0.869954	-1.14949	7.58874	2.44895	0.286852	1
cg08323201	0.148302	1.28338	1.28338	0.0286692	1.51484	1.51484	0.793068	1.04321	1.04321	0.24616	0.822711	-1.21549	3.94039	1.61569	0.364474	1
cg00291877	0.561832	1.06673	1.06673	0.0451929	0.776409	-1.28798	0.0427831	0.773504	-1.29282	0.0930499	1.22569	1.22569	3.93057	0.755121	0.170769	1
cg04620101	0.0204705	0.786991	-1.27066	0.279216	0.908012	-1.10131	0.0488486	0.824522	-1.21282	0.0354559	1.23372	1.23372	3.65725	0.426151	0.103575	1
cg03850957	0.188681	0.837662	-1.1938	2.61E-05	0.34693	-2.88243	0.339501	1.13339	1.13339	0.00257707	0.587744	-1.70142	14.4256	3.69618	0.227755	1
cg24899750	0.000282858	0.200458	-4.98858	0.0563216	0.556859	-1.79579	0.189112	0.686009	-1.45771	0.0904408	1.65763	1.65763	10.4779	12.1781	1.03312	1
cg07364906	0.00754231	0.400135	-2.49915	0.00078455	0.258516	-3.86823	0.346567	1.29466	1.29466	0.0883557	1.65029	1.65029	10.3521	11.6382	0.999317	1
cg08369436	0.675917	1.0799	1.0799	0.00700975	0.528632	-1.89167	0.328239	1.20262	1.20262	0.152253	1.32363	1.32363	4.3389	2.29705	0.470585	1
cg02307161	0.791955	1.01498	1.01498	0.0781587	0.89579	-1.11633	0.000236331	1.4086	1.4086	0.0254492	1.16106	1.16106	15.8525	0.793885	0.0445151	1
cg03798359	0.22838	0.66936	-1.49396	0.0197987	2.44353	2.44353	0.243324	0.678651	-1.47351	0.271117	0.695034	-1.43878	3.61446	5.77164	1.4194	1
cg04548376	0.829811	0.974893	-1.02575	0.000531584	0.528791	-1.8911	0.06576	1.27623	1.27623	0.0400843	1.32345	1.32345	11.0501	2.44218	0.196453	1
cg09287434	0.112975	1.64795	1.64795	0.855688	1.05413	1.05413	0.653749	1.13967	1.13967	0.0688488	1.8033	1.8033	5.12505	6.80599	1.18043	1
cg05220630	0.46768	1.23288	1.23288	0.0114067	0.407763	-2.4524	0.23781	0.704462	-1.41952	0.776191	1.0841	1.0841	5.02742	6.39035	1.12986	1
cg05399553	0.531665	1.25319	1.25319	0.229479	0.638138	-1.56706	0.537179	1.24931	1.24931	0.45557	1.31092	1.31092	4.04992	7.23533	1.78654	1
cg04407660	0.0963745	0.56926	-1.75667	0.0350689	0.468697	-2.13357	0.998433	1.00061	1.00061	0.158366	0.6279	-1.59261	3.90803	5.89508	1.34085	1
cg08017165	0.965842	1.00508	1.00508	0.0668534	0.784087	-1.27537	0.226999	0.860567	-1.16202	0.00727674	1.50657	1.50657	3.74126	0.830508	0.197321	1
cg23462052	0.118657	0.406278	-2.46137	0.034093	0.268465	-3.72488	0.657426	0.788731	-1.26786	0.0610381	0.325434	-3.07282	3.51139	15.7247	3.98064	1
cg01498883	0.226532	0.636318	-1.57154	0.713979	1.14003	1.14003	0.491692	0.779862	-1.28228	0.250469	1.53345	1.53345	4.16901	8.36863	1.7843	1
cg04690793	0.00186742	0.359276	-2.78338	5.25E-05	0.173186	-5.77415	0.607954	0.886892	-1.12753	0.00713603	0.446614	-2.23907	10.1962	8.69015	0.757592	1
cg07604025	0.020792	0.576371	-1.73499	0.632307	1.10015	1.10015	0.0299297	0.603055	-1.65822	0.26856	1.25629	1.25629	7.03609	4.3688	0.551923	1
cg22252041	0.58975	0.935558	-1.06888	0.271153	1.15049	1.15049	0.659766	1.05571	1.05571	0.32296	0.882558	-1.13307	6.28899	1.49149	0.210808	1
cg15265092	0.0349453	0.355917	-2.80965	0.110355	0.481238	-2.07797	0.738231	1.15141	1.15141	0.0607077	0.411141	-2.43226	4.4386	12.4206	2.4874	1
cg26703520	0.00197958	0.266374	-3.75412	0.637513	0.866171	-1.15451	0.609455	1.16879	1.16879	0.0216784	0.434111	-2.30356	4.22555	6.1329	1.29012	1
cg23664192	0.373657	0.891718	-1.12143	8.56E-07	0.192926	-5.18333	0.848806	1.02424	1.02424	0.00208216	1.72245	1.72245	26.4847	6.60589	0.22171	1
cg05239513	0.020334	1.16555	1.16555	0.000387877	0.733494	-1.36334	0.0325035	0.871899	-1.14692	0.0943802	1.10596	1.10596	14.8858	0.707254	0.0422327	1
cg21774115	0.341121	1.15978	1.15978	0.169118	0.801425	-1.24778	0.988252	0.997778	-1.00223	0.611809	0.925582	-1.0804	5.29249	1.91385	0.321436	1
cg14258243	0.275237	1.54739	1.54739	0.000570956	0.128507	-7.7817	0.068477	0.456383	-2.19114	0.988504	0.994474	-1.00556	4.50292	10.549	2.0824	1
cg22215678	0.415542	0.664673	-1.5045	0.00167363	0.110169	-9.07698	0.0193326	0.249461	-4.00865	0.0608482	0.354463	-2.82117	4.42393	16.8793	3.39152	1
cg26212229	0.336808	1.13719	1.13719	0.00237217	1.73361	1.73361	0.0228299	0.702136	-1.42423	0.273642	1.15939	1.15939	4.24996	1.13445	0.237272	1
cg12351856	0.292897	0.829473	-1.20558	7.65E-05	0.292789	-3.41542	0.283581	0.826222	-1.21033	0.335218	0.843429	-1.18564	6.7897	3.15716	0.413327	1
cg17797182	0.799726	0.961647	-1.03988	0.00180131	0.505136	-1.97966	0.208578	0.815518	-1.22621	0.211254	0.816596	-1.2246	5.25472	1.96945	0.333153	1
cg07987191	0.104445	1.26023	1.26023	0.00979684	1.53045	1.53045	0.306815	1.14783	1.14783	0.385298	0.890482	-1.12299	3.59882	0.967963	0.239081	1
cg09195081	0.599868	0.924523	-1.08164	0.0040803	0.564712	-1.77081	0.369718	1.14634	1.14634	0.472045	0.897223	-1.11455	4.23366	1.4738	0.309435	1
cg24546153	0.876661	1.03786	1.03786	0.794214	1.06454	1.06454	0.901618	0.970846	-1.03003	0.18103	1.40461	1.40461	7.45119	6.75482	0.805815	1
cg23035341	0.0490194	0.252027	-3.96783	0.0171396	0.168362	-5.93957	0.250588	0.47891	-2.08807	0.203202	0.438789	-2.279	4.39447	26.1753	5.29459	1
cg11249452	0.722528	0.92841	-1.07711	0.000583831	0.330331	-3.02727	0.636071	0.905461	-1.10441	0.778897	0.943045	-1.0604	4.33767	2.98204	0.611088	1
cg00094095	0.0283691	0.358074	-2.79272	0.0105783	0.279103	-3.58291	0.698343	0.856787	-1.16715	0.00763447	0.256344	-3.90101	4.24148	10.5812	2.2175	1
cg01090661	0.681785	0.936694	-1.06758	0.000100615	0.334964	-2.98539	0.552291	1.10007	1.10007	0.0984186	1.33309	1.33309	9.61842	3.83317	0.354243	1
cg00182877	0.15448	0.817767	-1.22284	0.097311	1.27147	1.27147	0.972688	1.00453	1.00453	0.00011595	0.4099	-2.43962	7.44886	2.05546	0.245282	1
cg21011043	0.764065	0.949408	-1.05329	0.00882793	0.562704	-1.77713	0.254823	1.2276	1.2276	0.00576516	0.535803	-1.86636	6.86868	3.236	0.418777	1
cg03557725	0.750625	1.12849	1.12849	0.362373	0.70123	-1.42607	0.0213082	2.85513	2.85513	0.0433758	2.41278	2.41278	4.80686	10.9414	2.0233	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg22486928	SNRPF	0.0227423	0.62457
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cg09294347	SNTG2	0.00633036	0.0160434
cg25481636	SNTG2	0.00819817	0.353172
cg14256587	SNTG2	0.00853826	0.804044
cg19491207	SNTG2	0.0097868	0.275287
cg04103052	SNTG2	0.0113558	0.928197
cg24982556	SNTG2	0.0120521	0.436801
cg05978707	SNTG2	0.0153612	0.0159379
cg27243490	SNTG2	0.016321	0.395601
cg13470212	SNTG2	0.0167582	0.716265
cg25305750	SNTG2	0.0172025	0.270179
cg22166977	SNTG2	0.0183754	0.31173
cg18022927	SNTG2	0.0220464	0.0276702
cg14635303	SNTG2	0.0241011	0.0350518
cg00584686	SNTG2	0.0242898	0.736542
cg08019798	SNTG2	0.0252252	0.0237569
cg22075362	SNTG2	0.0272926	0.394076
cg00526032	SNTG2	0.028011	0.30199
cg12221580	SNTG2	0.0283476	0.0733937
cg00148862	SNTG2	0.0317442	0.0156791
cg11722971	SNTG2	0.0329771	0.126051
cg00146085	SNTG2	0.0337442	0.0245186
cg00206271	SNTG2	0.0382339	0.123636

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg17600393	SNTG2	0.039458	0.166486	0.089201	0.190005	0.11591	0.584392	-1.71118	0.01700591	0.400827	2.494848	0.295036	0.710784	-1.04865	0.132541	0.600349	1.6657	0.150065	0.615666	-1.62426	0.013955	0.384982	-2.59752	0.032056621	0.277279	-3.60648	0.109879	0.578188	-2.72954	3.70167	5.79372	1.39126	1
cg06492287	SNTG2	0.0396408	0.062371	0.420668	-2.37717	0.51765	0.762799	-1.31096	0.3105351	0.648471	-1.54209	0.241736	0.603019	-1.65832	0.030316	0.365447	2.73637	0.257738	0.614149	-1.62827	0.013736	0.284208	-3.51855	0.0123323	0.276244	-3.61999	0.00556508	0.222396	-4.49648	3.60539	9.97263	2.39882	1
cg02096296	SNTG2	0.0406814	0.420515	0.825612	-1.21122	0.663322	1.10774	1.10774	0.0992926	0.65657	-1.52307	0.326413	0.789838	-1.26608	0.0319102	0.55685	-1.79582	0.3418387	0.954558	-1.04761	0.0594687	1.64109	1.64109	0.0241192	0.5346	-1.87056	0.0124203	0.484559	-2.06373	3.66027	3.14323	0.763326	1
cg01053383	SNTG2	0.0438354	0.124480	0.360139	-2.77671	0.346677	1.81309	1.81309	0.887051	1.09119	1.09119	0.935889	1.070564	1.070564	0.0764599	2.080185	2.08185	0.3539	0.0094182	0.133523	-7.54588	0.0206473	0.588403	-5.53701	0.0401797	0.233217	-4.28785	3.56073	21.2625	5.30791	1
cg23998726	SNTG2	0.0460751	0.637533	0.872963	-1.14552	0.0564077	0.353469	-2.8291	0.176665	0.662874	-1.50858	0.278776	0.723944	-1.38132	0.0220276	0.455549	-2.19515	0.230088	0.697345	-1.43401	0.075317	1.76278	1.76278	0.574155	1.1763	1.1763	0.294711	0.7326291	-1.36495	3.49445	4.53583	1.15379	1
cg09428834	SNTG2;SNTG2	0.0011346	0.3609	0.814694	-1.22746	0.302674	0.792174	-1.26235	0.0190772	0.538436	-1.85723	0.118206	0.60064	-1.64793	0.0958294	0.67381	-1.48441	0.0631605	0.633805	-1.57779	0.895958	1.02896	1.02896	3.18E-05	5.85736	5.85736	0.424432	1.19488	1.19488	11.4127	8.60588	0.608	0.670276	1
cg00806262	SNTN	4.09E-05	0.0185342	0.625356	-1.59909	0.1242777	0.760628	-1.3147	0.00040228	0.396469	-2.52227	0.799256	0.958972	-1.04278	4.57E-07	0.0965175	-10.3608	0.0008555551	0.438799	-2.27895	0.0614891	0.7072994	-1.41384	0.0147053	0.610386	-1.63831	0.0118717	0.59672	-1.67583	28.0725	12.0158	0.380469	1
cg07384913	SNTN	0.0198201	0.271428	0.52883	-1.53388	0.302769	0.6824681	-1.15376	0.00862081	0.288807	-1.46252	0.00423702	0.241824	-1.81524	0.00394954	0.237449	-4.21054	0.8449715	0.930866	-1.0747	0.9099041	1.000101	1.000101	0.628077	0.834427	-1.19843	0.239646	0.627327	-1.59406	4.71002	10.2761	1.93563	1
cg09958890	SNTN	0.0429777	0.0888724	0.491546	-2.0344	0.374072	0.708347	-1.41174	0.0079727	0.251653	-3.62251	0.65688	1.1787	1.1787	0.0793599	0.367685	-2.71972	0.0360361	0.398668	-2.50835	0.0111926	0.300952	-3.32979	0.637647	0.851883	-1.17387	0.762277	0.801732	-1.12141	3.58654	8.13564	2.01634	1
cg18541047	SNUPN;SNUPN;SNUPN	7.32E-06	0.387388	0.915353	-1.09247	1.51E-07	5.14046	5.14046	1.70E-05	2.41308	2.41308	0.650381	1.0466	1.0466	0.367907	1.09673	1.09673	0.271734	0.892066	-1.12099	0.000164573	1.8989	1.8989	0.627906	1.04997	1.04997	0.572343	1.05861	1.05861	43.9865	6.94256	0.140297	1
cg02537902	SNUPN;SNUPN;SNUPN	1.55E-05	0.2109506	0.643613	-2.0844	0.249722	0.858007	-1.16459	0.0645459	0.390705	0.9615756	-1.03996	0.6600312	0.9612866	-1.04055	0.7870555	1.27227	0.4045642	0.917331	-1.09012	0.6026095	0.549561	-1.81837	0.924811	0.990474	-1.00962	0.6242275	0.51326	0.896069	-1.11596	3.31306	3.66229	0.144689	1
cg19013753	SNUPN;SNUPN;SNUPN	0.1846-05	0.77148	1.0603	1.0603	1.346-05	0.160626	-6.249	4.51E-05	0.211867	-4.71994	0.0085091	0.364986	-2.73983	1.45E-05	0.163109	-6.13087	0.0102375	0.521662	-1.91695	3.82E-06	0.114534	-8.731	0.0031741	0.831141	-1.20317	0.000387176	0.320478	-3.12033	34.6023	22.1494	0.568992	1
cg22158732	SNUPN;SNUPN;SNUPN	9.64E-05	0.0185962	0.539325	-1.87639	0.0060141	1.0011	1.0011	0.36146	0.833222	-1.72967	0.0162117	0.523035	-1.91932	1.32E-06	0.0651095	-15.3187	0.0035568	0.583614	-1.71346	0.0052043	0.367308	-3.29125	0.983222	0.815744	-1.22587	0.00135812	0.35878	-2.78723	22.3571	17.1999	0.683943	1
cg23097139	SNUPN;SNUPN;SNUPN	0.000462496	0.185866	0.760131	-1.31556	0.143417	1.35993	1.35993	0.665695	1.0871	1.08871	0.00020716	3.36889	3.36889	0.000792082	0.3710861	2.69479	0.0031426	0.20201	-4.95	7.26E-05	0.7202201	0.376488	-2.65613	0.761617	0.855195	-1.16932	0.122532	0.487824	-2.04992	0.41909	0.71122	2.59035	1
cg06839936	SNUPN;SNUPN;SNUPN	0.0314416	0.972249	1.01503	1.01503	0.565475	0.283092	1.28302	0.350582	1.53003	1.53003	0.887014	1.06288	1.06288	0.000922971	0.11969	-8.35495	0.5245335	0.758337	-1.31867	0.0407088	0.376488	-2.65613	0.761617	0.855195	-1.16932	0.122532	0.487824	-2.04992	0.41909	0.71122	2.59035	1
cg17247206	SNUPN;SNUPN;SNUPN;SNUPN	0.0112605	0.2763197	0.761262	-1.31361	0.0607299	0.57501	-2.57901	0.0837909	0.774007	1.79407	0.0677539	1.636885	1.636885	0.484904	0.842886	-1.1864	0.114223	1.51251	1.51251	0.0133576	0.107435	3.07435	0.0915275	1.56416	1.56416	0.0997666	0.099296	1.0007	1.68795	1.52465	0.816487	1
cg24222504	SNUPN;SNUPN;SNUPN;SNUPN	0.0325757	0.340945	0.753155	-1.32775	0.024415	2.16991	2.16991	0.178543	1.51116	1.51116	0.121797	1.62338	1.62338	0.122205	0.616379	-1.62238	0.217716	1.4544	1.4544	0.00390487	3.07176	3.07176	0.766476	1.08984	1.08984	0.378111	0.7701101	-1.29853	3.96844	5.24488	1.1748	1
cg19731259	SNW1;C14orf178	3.19E-05	0.0003704972	0.68946	-1.45045	0.0434564	1.16121	1.16121	8.00E-05	1.59582	1.59582	0.0142606	1.221805	1.221805	7.07E-06	1.91994	1.91994	0.0142274	1.21817	1.21817	0.00260864	1.31273	1.31273	3.22E-05	1.69528	1.69528	0.0905858	1.12939	1.12939	29.9802	2.02213	0.0599545	1
cg15442446	SNW1;C14orf178	0.000954188	0.000146587	0.127821	-2.82345	0.0238223	0.247685	-2.31817	0.0119641	2.68437	2.68437	0.644041	1.13241	1.13241	0.0889026	1.15797	1.15797	0.000285976	0.154861	-6.4574	0.74576	0.905622	-1.10788	0.234965	1.47995	1.47995	0.882134	0.954354	-1.04783	1.19335	18.7428	1.3961	1
cg13507326	SNW1;C14orf178	0.00137635	0.00996071	0.495798	-2.01695	0.0273731	1.75527	1.75527	0.00214794	2.53221	2.53221	0.612203	0.8956591	-1.1165	0.000490873	0.30822	-3.24443	0.184724	0.738423	-1.35424	0.00538115	0.453874	-2.20325	0.192697	1.34607	1.34607	0.302089	0.793443	-1.26033	10.7419	7.90509	0.654142	1
cg25618490	SNW1;C14orf178	0.0207379	0.130191	1.32448	1.32448	2.60722	0.858007	-1.12246	0.0004506003	0.408453	-2.44826	0.274515	0.822449	-1.21598	0.0018455	0.482249	-2.07455	0.575129	1.10226	1.10226	0.0457909	0.674641	-1.48234	0.913469	0.976599	-1.02132	0.2031	0.793753	-1.25984	4.6469	2.17529	0.416103	1
cg21497246	SNW1;C14orf178	0.0320282	0.168613	1.76806	1.76806	0.08300324	2.12662	2.12662	0.0134531	3.28304	3.28304	0.422887	1.37439	1.37439	0.0917296	0.486116	-2.05712	0.796147	1.1058	1.1058	0.811087	0.911629	-1.09694	0.271934	1.55936	1.55936	0.0109707	0.28939	-3.45554	3.99052	8.54924	2.12468	1
cg23657558	SNW1;C14orf178;C14orf178	0.00455669	0.0775078	0.682729	-1.51951	0.0238636	1.10506	1.10506	0.0154648	1.66453	1.66453	0.355995	1.07887	1.07887	0.0191165	0.709334	-1.40975	0.0039114	1.32091	1.32091	0.0011201	0.757005	1.32091	1.32091	0.0011201	0.757005	0.0011201	0.757005	0.0011201	0.757005	0.0011201	0.757005	1
cg00415261	SNX10	0.00015472	0.559853	1.12638	1.12638	0.554275	0.886265	-1.12833	0.00292061	0.438087	-2.28265	0.80883	0.970174	-1.03074	0.0150417	0.547061	-1.82795	0.2324273	1.28754	1.28754	2.48E-06	0.0999304	-10.007	0.138109	1.38026	1.38026	0.297895	1.24335	1.24335	19.6917	12.7059	0.573545	1
cg23773809	SNX10	0.00202497	0.0802516	0.787199	-1.27033	0.713647	0.955572	-1.04649	0.086-05	2.55004	2.55004	0.128706	0.816722	-1.22441	0.351393	1.12553	1.12553	0.285401	0.821736	-1.14661	0.631799	0.94287	-1.06059	0.687335	1.05115	1.05115	0.0314134	0.732549	-1.3655	9.60709	0.07209	2.13132	0.214038	1
cg22090197	SNX10	0.0004307	0.616422	1.0438	1.0438	0.0381761	1.22621	1.22621	0.615565	1.0409	1.0409	0.000621741	0.639234	1.56342	0.49933	0.9434457	-1.05993	0.039615	1.7274	1.7274	0.00307278	1.42139	1.42139	0.861208	0.985257	1.01156	1.01156	0.179005	0.867627	0.876127	0.101416	1
cg12558755	SNX10	0.0140709	0.373609	0.750034	-1.33327	0.132828	1.6665	1.6665	0.383163	1.3253	1.3253	0.118153	1.70627	1.70627	0.436712	1.28386	1.28386	0.575405	0.83676	-1.19509	?	?	1.525554	1.68556	1.68556	0.000798968	0.20301	-4.92586	3.90246	7.52936	1.39628	1
cg10153381	SNX10	0.0010531	0.4006263	1.07744	1.07744	0.5746	0.84778	1.46378	0.421569	1.0969953	-1.10258	0.399398	1.10805	1.10805	0.799356	0.9610868	-1.04048	0.0009606856	0.557192	-1.79471	0.186665	0.946335	-1.05696	0.118115	0.842332	1.06559	1.06559	0.188589	0.902044	-1.1081	0.54658	1.15275	0.991935	1
cg16568842	SNX10	0.0157112	0.58528	1.08846	-1.23692	0.005592	1.04685	1.04685	0.11793	1.9254	1.9254	0.299436	1.51432	1.51432	0.296581	1.658622	1.51832	0.257613	1.57553	1.57553	0.00178443	0.179834	-5.56059	0.0247372	0.731472	-1.36711	0.0045418	0.237927	-4.20297	5.10178	12.031	2.09617	1
cg25449655	SNX10	0.0181754	0.362345	1.16305	1.16305	0.376247	0.863732	-1.15777	0.000501152	2.40622	2.40622	0.327202	1.17724	1.17724	0.164527	1.2703	1.2703	0.320537	0.847397	-1.18008	0.26061	0.827546	-1.20839	0.862587	1.02834	1.02834	0.280535	0.834468	-1.19837	4.85925	2.00301	0.365406	1
cg01250581	SNX10	0.0020363	0.1892102	0.719591	-1.39005	0.131883	1.52254	1.52254	0.421369	1.31782	1.31782	0.0350103	1.8910475	1.8910475	0.0001	2.7013702	2.7013702	0.1361	0.7575	-1.32017	0.0204145	0.263952	-3.78857	0.168973	1.18062	1.18062	0.625358	1.21057	1.21057	45.5185	16.658	2.29323	1
cg12965553	SNX10	0.0243729	0.810267	0.971251	-1.0296	0.176303	0.8399	-1.1906	2.36315E-8	0.892842	-1.12002	0.557397	0.74762	1.07462	0.96906	1.00471	1.00471	0.578414	-1.72886	0.0197885	1.40676	1.40676	0.612873	0.939996	-1.06383	4.39585	1.02402	0.207068	1
cg26116564	SNX10	0.0261149	0.5737425	1.0438	1.0438	0.0381761	1.22621	1.22621	0.615565	1.0409	1.0409	0.000621741	0.639234	1.56342	0.49933	0.9434457	-1.05993	0.039615	1.7274	1.7274	0.00307278	1.42139	1.42139	0.861208	0.985257	1.01156	1.01156	0.179005	0.867627	0.876127	0.101416	1
cg12911556	SNX10	0.0276706	0.485357	0.903073	-1.10733	0.201407	0.82365	-1.21411	0.851483	0.973472	-1.02725	0.0012944	1.96218	1.96218	0.506049	1.10189	1.10189	0.774341	1.0422	1.0422	0.049124	1.38124	1.38124	0.0934216	1.30388	1.30388	0.328025	1.864864	-1.15625	4.20526	1.37724	0.291115	1
cg15726532	SNX11;SNX41	0.00108886	0.136742	0.700938	-1.42666	0.242555	1.3114	1.3114	0.00836506	2.10106	2.10106	0.366934	0.814281	-1.22808	0.00045102	0.293466	-3.40755	0.000326213	0.27599	-3.62332	0.036197	0.585729	-1.71312	0.0440726	0.598817	-1.66996	0.0831171	0.53001	1.85405	8.93778	0.691717	1
cg25499728	SNX11;SNX41	0.0031547	0.1984308	0.751284	-1.33104	0.0486107	1.18168	1.18168	0.0124885	1.83688	1.83688	0.0312485	1.71304	1.71304	0.0019742	0.2091746	-4.78093	0.0039146	0.585129	-1.70864	0.0119677	0.172469	5.80164	0.0089737	0.722609	1.38388	1.38388	0.0175796	0.328154	0.833122	1.20003	0.7933	0.459423	1
cg07722297	SNX11;SNX41	0.0034312	0.0183468	0.571491	-1.74981	0.0397199	0.628201	-1.59185	0.0648505	0.66674	-1.49983	0.00781527	0.512996	-1.94933	0.00030249	0.317176	3.15282	0.00148641	0.408236	-2.44956	0.0376637	0.624156	-1.60216	0.290952	1.23892	1.23892	0.267025	1.797666	-1.25366	8.22249	4.97712	0.53805	1
cg12634480	SNX11;SNX41	0.0001003	0.0022639	0.376806	-2.65439	0.0116363	1.36266	1.36266	0.0098507	2.1905	2.1905	0.402822	0.8469131	-1.18054	0.0001	3.1622	3.1622	0.0002368	0.42487	-2.35385	0.0013725	0.316264	-3.16122	0.0014233	0.415256	1.84213	1.84213	0.0012754	1.78724	1.78724	1.78724	0.5393636	1
cg08306031	SNX11;SNX41	0.0154025	0.9568021	1.00943	1.00943	0.691157	0.93717	-1.07162	0.161754	0.771975	-1.29537	0.414025	0.865347	-1.15561	0.0038765	0.677307	-1.47655	0.0060474	0.699651	-1.42928	0.334328	0.841585	-1.18823	0.617873	0.916572	-1.09102	0.0106137	0.663916	1.65952	1.65952	5.12556	2.43549	0.422368	1
cg08431353	SNX11;SNX41	0.0278362	0.104859	2.26837	2.26837	0.154376	2.02293	2.02293	0.00153077	0.121528	-8.22854	0.353455	1.55458	1.55458	0.612871	1.26591	1.26591	0.627807	0.797898	-1.25329	0.067175	0.387486	-2.58074	0.72691	0.850425	-1.17588	0.4514111	0.701468	-1.42558	4.19645	14.194	3.00657	1
cg24137448	SNX11;SNX41	0.0044267	0.97086	1.0088	1.0088	0.8706	0.87392	-1.07343	0.0004506	0.408453	-2.44826	0.274515	0.822449	-1.21598	0.0018455	0.482249	-2.07455	0.575129	1.10226	1.10226	0.0457909	0.674641	-1.48234	0.913469	0.976599	-1.02132	0.2031	0.793753	-1.25984	4.6469	2.17529	0.416103	1
cg09606090	SNX11;SNX41	0.0460697	0.198545	1.30498	1.30498	0.142939	0.734583	-1.36132	0.0166849	0.564109	-1.77271	0.907716	0.972358	-1.01049	0.7104705	0.53198	-1.87977	0.120385	0.718893	-1.39103	0.162367	0.704537	-1.41992	0.308998	1.29621	1.29621	0.761418	1.06147	1.06147	1.3946	2.12426	0.540327	1
cg13001893	SNX11;SNX41	0.0004307	0.616422	1.0438	1.0438	0.0381761	1.22621	1.22621	0.615565	1.0409	1.0409	0.000621741	0.639234	1.56342	0.49933	0.9434457	-1.05993	0.039615	1.7274	1.7274	0.00307278	1.42139	1.42139	0.861208	0.985257	1.01156	1.01156	0.179005	0.867627	0.876127	0.101416	1
cg23726559	SNX12	0.0287819	0.0098409	0.0201985	-49.5086	0.8128833	1.20264	1.20264	0.889373	1.11438	1.11438	0.158077	2.33591	2.33591	0.565857	0.636389	-1.57087	0.0000260856	0.557192	-1.79471	0.186665	0.946335	-1.05696	0.118115	0.842332	1.06559	1.06559	0.188589	0.902044	-1.1081	0.54658	1.15275	0.991935	1
cg04435091	SNX13	0.497125	0.9009444	1.00905	1.00905	0.4248	0.6949848	-1.11308	0.0005658	0.410424	-2.32354	0.997018	1.03057	1.03057	0.0246	0.7993556	-1.25077	0.0000502196	0.153118	-6.53192	0.0010586	0.1707	-5.85611	0.0001	0.1707	-5.85611	0.0001	0.1707	-5.85611	0.0001	0.1707	-5.85611	0.0001	1
cg04124378	SNX13	0.0003437	0.0034394	0.337202	-2.96558	0.712561	0.905392	-1.10449	0.121773	0.775729	-1.28955	0.132479	0.754822	-1.32479	0.0146468	0.5504565	-1.8164	0.0001254	0.179447	-5.57241	1.96955	0.0016508	0.608154	-1.64447	0.0138423	0.0001	0.1707	-5.85611	0.0001	0.1707	-5.85611	0.0001	0.1707	-5.85611	0.0001	1
cg02344001	SNX13	0.0063470	0.130838	0.697259	-1.43419	0.0051744	0.442243	-2.2612	0.00147028	0.362480	-2.7587	0.506795	0.861679	-1.16053	0.00170019	0.371304	-2.69321	0.0198211	0.536987	-1.86224	0.106433	0.677279	-1.4765	0.693077	0.916053	-1.09164	0.00448519	0.432782	-2.31063	0.819555	5.27684	0.687806	1
cg07735152	SNX14;SNX14	0.0078451	0.188414	1.49102	1.49102	1.886-05	1.59334	1.59334	0.0001	3.71307	3.71307	0.0001	1.40192	1.40192	0.0001	2.0133307	2.0133307	0.680008	-1.47071	0.2889	-3.46185	0.1655	-6.03927	0.0001	0.1655	-6.03927	0.0001	0.1655	-6.03927	0.0001	0.1655	-6.03927	0.0001	1
cg23998211	SNX14;SNX14	0.00629277	0.0018073	0.13594	1.33594	0.193482	0.914094	-1.09398	0.197407	1.09302	1.09302	0.956159	0.996418	-1.0036	0.00242058	1.31746	1.31746	0.916491	1.00687	1.00687	0.41904	0.947527	-1.05538	0.00742459	1.25245	1.25245	0.0121825	1.22621	1.22621	1.58767	0.461476	0.0599911	1
cg15072625	SNX14;SNX14	0.00854178	0.0721491	0.736934	-1.35697	0.0221372	1.19112	1.19112	0.0129728	2.04954	2.04954	0.0155097	1.20884	1.20884	0.2324158	1.05377	1.05377	0.260244	1.19516	1.19516	1.19516	0.0555098	1.45107	0.4451448	1.03059	1.03059	0.0268558	0.587096	-1.70319	6.23438	2.27679	0.325667	1
cg09117826	SNX14;SNX14	0.0002468	0.0001447	0.0001	-3.15097	0.0026454	1.50879	1.50879	0.0001	3.50353	3.50353	0.0001	1.64696	1.64696	0.930044	-1.07522	0.391544	1.14782	1.14782	1.14782	0.0001	0.0987709	0.752556	-1.32838	0.0001	0.0987709	0.752556	-1.32838	0.0001	0.0987709	0.752556	-1.32838	0.0001	1
cg07254821	SNX14;SNX14	0.0095409	0.332559	1.15926	1.15926	0.823934	0.967502	-1.03349	0.0389967	0.702389	-1.42371	0.00117093	0.494420	-2.02254	0.025106	0.57552	-1.73752	0.202712	0.816902	-1.21997	0.0305489	0.686776	-1.45608	0.00228366	0.532243	-1.87884	0.087388	0.756533	-1.32197	5.03923	2.07621	0.307723	1
cg03424157	SNX14;SNX14	0.2184F7	0.0160139	0.612485	-1.63263	0.0013654	1.13663	1.13663	0.0001	2.56266	2.56266	0.0001	1.31632	1.31632	0.0001	1.5226096	1.5226096	0.0001	0.1316	0.0002	0.0001	0.0001	0.1316	-7.59777	0.0001	0.1316	-7.59777	0.0001	0.1316	-7.59777	0.0001	0.1316	-7.59777	0.0001	1
cg09404334	SNX14;SNX14	0.0248377	0.14444	0.852905	-1.17246	0.138124	1.1759	1.1759	0.671016	1.04432	1.04432	0.244324	0.883719	-1.13158	0.0935684	1.20583	1.20583	0.797999	0.974306	-1.02637	0.233853	0.881027	-1.13504	0.00390439	1.48333	1.48333	0.0158675	1.34963	1.34963	4.36711	0.712424	0.145008	1
cg11897209	SNX14;SNX14	0.0001	0.0050698	0.198427	-5.0695	0.182466	0.889404	-1.11308	0.0005658	0.410424	-2.32354	0.997018	1.03057	1.03057	0.0246	0.7993556	-1.25077	0.5541383	0.805118	-1.24205	0.0302887	1.232234	-4.306	0.0298425	0.523955	-1.90856	0.196905	0.619814	-1.61339	4.06051	7.80442	1.73963	1
cg15977634	SNX14;SNX16	0.039675	0.652632	0.07155	0.2290299	0.675386	-1.48063	0.1448651	0.788575	-1.2665	0.474209	0.894936	-1.1174	0.0077327	-1.932947	0.08231	-12.1498	0.6682208	1.0648	1.0648	0.00242246	1.9042	1.9042	0.947649	0.990035	-1.01007	0.780684	1.0349	1.03439	1.69421	1.36095	0.327467	1
cg09959967	SNX14;SNX16	0.045968	0.195213	1.22538	1.22538	0.393726	0.87644	-1.11838	0.689664	1.06136	1.06136	0.101386	0.766364	-1.30486	0.315268	0.857229	-1.16655	0.559949	0.916267	-1.09139	0.16174	0.801179	-1.24816	0.00561458	0.583103	-1.71496	0.0447756	1.40747	1.40747	1.4975	1.21916	0.309649	1
cg25739390	SNX15;SNX15	1.33E-05	0.0006423	0.299144	-3.34266	0.0066868	0.6448	-1.77388	5.37E-05	0.239841	-4.18624	0.00023424	0.112451	-8.89043	0.0001	0.1316	-28.8569	0.0047625	0.261274	-3.82739	6.77E-06	0.0229148	-35.8233	0.0004078	0.157709	-1.90159	0.00147588	0.180945	-5.52655	29.6375	6.04	0.323122	1
cg03101664	SNX15;SNX15	0.00107741	0.0223696	0.601959	-1.66124	0.542491	1.12113	1.12113	0.0159831	1.72816	1.72816	0.771294	1.05554	1.05554	0.0034002	0.336703	-2.96998	0.0044664	0.449062	-2.00236	0.000771193	0.388976	-2.57085	0.0048728	0.49975	-2.001	0.390199	0.849339	-1.17739	11.5201	6.27578	0.48424	1
cg02554810	SNX15;SNX15	0.00257411	0.726325	1.07955	1.07955	0.3126	0.8399	-1.1906	0.0001	2.56266	2.56266	0.0001	1.31632	1.31632	0.0001	1.5226096	1.5226096	0.0001	0.1316	0.0002	0.0001	0.0001	0.1316	-7.59777	0.0001	0.1316	-7.59777	0.0001	0.1316	-7.59777	0.0001	0.1316	-7.59777	0.0001	1
cg16729495	SNX15;SNX15	0.0051951	0.0250979	0.780364	-1.28145	0.29229	1.10705	1.10705	0.881842	0.986252	-1.01394	0.151074	1.15397	1.15397	0.0003726	0.5886	-1.69895	0.0002	0.0208004	0.77183	-1.29562	0.0956469	1.18574	1.18574	0.122439	1.16859	1.16859	0.258383	0.799655	0.12196	1
cg00427669	SNX15;SNX15	0.0195411	0.0183302	0.530439	-1.88523	0.276602	0.776526	-1.28779	0.0158076	0.549489	-1.81914	0.959316	-1.04021	0.00207763	0.382863	-2.6119	0.878103	0.966575	-1.03458	0.115486	0.354063	0.904714	-1.10

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24346223	SNX26	0.000527306	0.0647206	0.779896	-1.28222	0.000408677	0.510325	-1.95954	0.00604518	0.650725	-1.53675	0.0317961	0.739683	-1.35193	0.00755989	0.66249	-1.50946	0.083438	0.794853	-1.25809	0.00021997	2.09128	2.09128	0.043045	1.32175	1.32175	0.568572	0.933281	-1.07149	14.0811	3.20187	0.202122	1
cg03007208	SNX26;SNX26	0.0101409	0.066108	0.807377	-1.23858	0.0780888	0.816129	-1.2253	0.759649	1.03236	1.03236	0.0474851	1.26529	1.26529	0.929828	0.9909	-1.00918	0.659637	0.955041	-1.04708	0.00107245	0.605619	-1.6512	0.0159321	1.35847	1.35847	0.620675	0.949539	-1.05314	5.88421	1.00392	0.151656	1
cg00387445	SNX27	3.37E-05	0.000366824	0.415498	-2.40675	0.198808	1.23242	1.23242	0.105208	0.761506	-1.31319	0.00102803	0.472974	-2.11428	2.07E-06	0.165596	-6.03879	0.233649	0.825158	-1.21189	0.000774401	0.457001	-2.18818	0.00183652	1.97596	1.97596	0.000459677	0.427933	-2.33681	29.5485	11.0854	0.333474	1
cg26571535	SNX27	0.000203466	0.00180795	2.01628	2.01628	0.000665647	0.438927	-2.27828	0.0119218	0.608976	-1.6421	0.212501	1.23066	1.23066	8.44E-05	0.327121	-3.05697	0.00578138	0.564656	-1.77099	0.0217356	1.54562	1.54562	0.0156382	1.59747	1.59747	0.0247815	0.655477	-1.52561	18.2858	7.23507	0.351703	1
cg04623088	SNX27	0.000763756	0.03494	0.687323	-1.45492	0.0123232	0.621605	-1.60874	0.00692984	0.586794	-1.70417	0.0212068	0.655313	-1.52599	0.00059654	0.445579	-2.24427	0.0666542	0.730726	-1.3685	1.91E-05	0.265605	-3.76499	0.688232	0.940319	-1.06347	0.0844863	0.747417	-1.33794	12.6966	4.68003	0.32765	1
cg00778544	SNX27	0.0214733	0.000898536	0.17466	-5.7254	0.0700391	0.491088	-2.03629	0.878924	1.05498	1.05498	0.723081	0.882575	-1.13305	0.0448945	0.445668	-2.24382	0.176286	0.603661	-1.65656	0.206905	0.626677	-1.59572	0.434643	1.32296	1.32296	0.19466	1.61877	1.61877	4.59191	8.96428	1.73528	1
cg02087985	SNX27	0.0461119	0.580097	0.784943	-1.27398	0.29676	1.59802	1.59802	0.108936	2.13299	2.13299	0.064098	2.46356	2.46356	0.428546	0.704537	-1.41937	0.295101	0.624693	-1.60079	0.884009	1.0653	1.0653	0.00213941	6.48126	6.48126	0.500503	1.34489	1.34489	3.4934	10.3884	2.64331	1
cg08073667	SNX29	5.11E-06	0.555175	1.21869	1.21869	0.00254582	0.249666	-4.00535	9.19E-06	0.0416579	-24.0051	0.000290652	0.141117	-7.08632	3.84E-06	0.0281832	-35.4822	3.33E-06	0.0263225	-37.9904	2.96E-05	0.0664674	-15.045	3.19E-06	0.0257701	-38.8047	0.708724	0.88306	-1.13243	48.2677	83.9569	1.54613	1
cg01366941	SNX29	4.08E-05	0.903779	0.980689	-1.01969	1.22E-06	0.132943	-7.522	0.000622458	0.42793	-2.33683	0.0286235	0.659451	-1.51641	0.660021	1.07399	1.07399	0.00150698	0.478422	-2.0902	0.00263999	1.95609	1.95609	0.0766273	0.727928	-1.37376	0.0810384	1.36603	1.36603	28.0874	11.5654	0.366014	1
cg03276468	SNX29	4.45E-05	0.20179	1.4123	1.4123	0.0451139	0.554996	-1.80181	1.47E-05	0.0997256	-10.0275	0.00684745	0.407792	-2.45223	0.00025331	0.213412	-4.68577	0.000102818	0.171963	-5.8152	0.000277933	0.21796	-4.588	9.35E-06	0.0862639	-11.5923	0.18788	0.69948	-1.42963	27.4463	28.5142	0.923472	1
cg00459119	SNX29	0.000145819	0.8909	0.979469	-1.02096	0.969163	0.994174	-1.00586	0.0111612	0.618298	-1.61734	0.134184	0.783369	-1.27654	1.36E-06	0.154718	-6.46339	0.257165	1.19573	1.19573	0.835725	0.9691	-1.03188	0.541362	0.910776	-1.09797	0.0315742	0.68314	-1.46383	20.0088	7.24079	0.321672	1
cg26666580	SNX29	0.000260732	0.00671682	1.68831	1.68831	0.000244198	2.4679	2.4679	0.685686	0.94118	-1.0625	0.0276473	1.47395	1.47395	0.00236956	0.531764	-1.88053	0.000439556	2.2871	2.2871	0.0452616	1.40806	1.40806	8.81E-05	2.84896	2.84896	0.332964	1.16044	1.16044	17.0929	6.00938	0.312507	1
cg00088691	SNX29	0.000438131	0.725396	1.22079	1.22079	0.281186	0.53067	-1.88441	0.00128669	0.0703525	-14.2141	0.00239928	0.0913697	-10.9445	0.000519487	0.0467927	-21.3708	0.000519919	0.046811	-21.3625	0.000601501	0.0501007	-19.9598	0.00011524	0.0218065	-45.8578	0.537381	0.70237	-1.42375	14.8229	75.1273	4.50518	1
cg00108992	SNX29	0.000602725	0.0374109	0.597129	-1.67468	0.000123568	0.23947	-4.1759	0.729762	1.07684	1.07684	0.551574	0.879328	-1.13723	0.00049151	0.311799	-3.20719	0.163893	1.3732	1.3732	0.000881886	0.34501	-2.89847	0.0227401	1.7897	1.7897	0.0374836	0.597283	-1.67425	13.5667	9.79286	0.641626	1
cg03678357	SNX29	0.00113576	0.0137797	1.66584	1.66584	6.36E-05	0.291361	-3.43217	0.318178	0.841189	-1.18879	0.477022	0.885862	-1.12884	0.00321199	0.509613	-1.96227	0.0223003	0.631881	-1.58258	0.105397	1.34519	1.34519	0.641633	0.924442	-1.08173	0.0536791	0.692639	-1.44375	11.3484	5.04977	0.395533	1
cg26544188	SNX29	0.00124336	0.038874	0.68371	-1.46261	0.148825	0.781782	-1.27913	0.0011259	0.466606	-2.14313	0.969297	0.993899	-1.00614	5.51E-05	0.30313	-3.29891	0.00838535	0.585401	-1.70823	0.540458	1.10355	1.10355	0.264377	0.831135	-1.20317	?	?	?	11.3186	4.02814	0.355887	1
cg05849013	SNX29	0.00143037	0.000644896	0.42565	-2.34935	0.00722534	0.568048	-1.76042	0.000339996	0.389964	-2.56434	0.238548	0.817584	-1.22312	0.00405781	0.532875	-1.87661	0.00151056	0.474404	-2.10791	0.0498381	0.694211	-1.44048	0.234145	0.815883	-1.22567	0.00122111	0.462083	-2.16411	10.6238	4.47867	0.374727	1
cg06434732	SNX29	0.00156218	0.00286895	0.448044	-2.23192	0.238974	0.785534	-1.27302	0.0306132	0.608227	-1.64412	0.126723	1.38173	1.38173	0.0276321	0.600653	-1.66485	0.261934	0.795349	-1.25731	0.0633616	1.50484	1.50484	0.00023714	3.29353	3.29353	0.154946	0.742341	-1.34709	10.3577	6.28505	0.53938	1
cg04035828	SNX29	0.00195356	0.0200427	0.563716	-1.77394	0.790794	0.947136	-1.05581	0.585471	1.11908	1.11908	0.929172	0.982003	-1.01833	9.54E-05	0.241894	-4.13404	0.0418071	0.619233	-1.6149	0.797967	0.94895	-1.0538	0.00497195	2.13742	2.13742	0.0727158	0.664321	-1.5053	9.70809	6.41607	0.587466	1
cg03754361	SNX29	0.00336402	0.024949	0.654355	-1.52822	8.92E-05	0.327925	-3.04948	0.00325172	0.528418	-1.89244	0.611239	0.92175	-1.08489	0.837443	0.967874	-1.03319	0.0477209	0.697768	-1.43314	0.522955	1.10839	1.10839	0.0894693	0.742586	-1.34665	0.270698	0.833365	-1.19995	8.27121	3.30969	0.355685	1
cg08170293	SNX29	0.00453459	0.0933327	0.365195	-2.73826	0.00946393	6.01635	6.01635	0.115703	2.54255	2.54255	0.0247477	4.30112	4.30112	0.465543	1.49974	1.49974	0.00668007	6.82328	6.82328	0.00113542	13.6379	13.6379	0.00753373	6.53115	6.53115	0.220407	0.495036	-2.02005	7.56013	35.6602	4.19278	1
cg16659284	SNX29	0.00490075	0.0707586	0.47583	-2.10159	0.00192012	0.198773	-5.03085	0.0368701	0.409949	-2.43933	0.77209	1.11274	1.11274	0.00314929	0.22664	-4.41229	0.0698202	0.474376	-2.10803	0.00055682	0.139475	-7.16973	0.0213167	0.361384	-2.76714	0.553116	0.801967	-1.24693	7.38362	15.8215	1.9047	1
cg02334861	SNX29	0.00856984	0.342835	0.798355	-1.25258	0.177446	1.39138	1.39138	0.339843	1.25444	1.25444	0.488777	0.850392	-1.17593	0.00550764	0.431352	-2.31829	0.00046916	0.281703	-3.54983	0.691427	1.09629	1.09629	0.958542	1.01205	1.01205	0.0539973	0.604086	-1.65539	6.20794	5.22097	0.747569	1
cg06862165	SNX29	0.0119907	0.0262751	2.56682	2.56682	0.00424544	3.93033	3.93033	0.124945	1.81128	1.81128	0.455095	1.31273	1.31273	0.103873	0.52939	-1.88897	0.389929	1.37039	1.37039	0.00326478	4.19652	4.19652	0.0087353	3.30307	3.30307	0.217052	1.59125	1.59125	5.5749	11.2942	1.80081	1
cg05584602	SNX29	0.0147562	0.307619	0.861581	-1.16066	0.000991754	0.501459	-1.99418	0.246486	1.18646	1.18646	0.110305	0.782305	-1.27827	0.440369	1.1174	1.1174	0.140886	0.799768	-1.25036	0.0412501	1.39398	1.39398	0.446775	0.896374	-1.11561	0.0693185	0.750768	-1.33197	5.20883	1.64185	0.280182	1
cg09348732	SNX29	0.0152532	0.733634	1.10135	1.10135	0.00222851	0.298032	-3.35534	0.119058	0.619953	-1.61303	0.144014	0.641722	-1.55831	0.00572147	2.78412	2.78412	0.989427	0.996262	-1.00375	0.506211	1.21	1.21	0.76188	0.917696	-1.08969	0.189939	1.48046	1.48046	5.15208	6.51739	1.12445	1
cg01574788	SNX29	0.0167094	0.124749	1.66944	1.66944	0.930497	0.973458	-1.02727	0.0901436	1.77879	1.77879	0.325799	1.36733	1.36733	0.00418191	0.306256	-3.26524	0.0754848	1.84081	1.84081	0.00522005	3.11562	3.11562	0.18814	1.53734	1.53734	0.506799	1.23084	1.23084	4.9982	7.52756	1.33871	1
cg08987645	SNX29	0.0214305	0.00383613	0.655947	-1.52451	0.0132653	0.71744	-1.39384	0.999951	1.00001	1.00001	0.380743	1.10217	1.10217	0.955965	0.994043	-1.00599	0.652898	0.952197	-1.0502	0.181898	1.16569	1.16569	0.139662	1.18765	1.18765	0.0262856	0.751901	-1.32996	4.59505	0.851974	0.16481	1
cg06014057	SNX29	0.0230763	0.937201	1.02377	1.02377	0.00107379	0.236849	-4.2221	0.575083	0.844621	-1.18396	0.987931	0.995501	-1.00452	0.0389179	0.490277	-2.03966	0.143801	0.626087	-1.59722	0.0818718	1.77685	1.77685	0.375661	1.31138	1.31138	0.985286	1.00551	1.00551	4.47974	6.30692	1.25144	1
cg03512808	SNX29	0.0235639	0.0112813	0.332402	-3.00841	0.898638	0.956737	-1.04522	0.0438146	0.447481	-2.23473	0.410705	1.33903	1.33903	0.0147781	0.353086	-2.83217	0.0271479	0.403491	-2.47837	0.0157178	0.357947	-2.79371	0.412642	1.33735	1.33735	0.0692625	0.493934	-2.02456	4.44752	8.48359	1.69554	1
cg01480054	SNX29	0.0250364	0.893189	0.9732	-1.02754	0.367214	1.206	1.206	0.00924063	0.512686	-1.95051	0.283439	0.798234	-1.25277	0.0205822	0.568914	-1.75774	0.238674	0.779149	-1.28345	0.0141067	1.84526	1.84526	0.133168	0.720648	-1.38764	0.1517	0.733016	-1.36423	4.35503	2.82043	0.575667	1
cg02910054	SNX29	0.0269669	0.0305947	0.299671	-3.33699	0.0534216	0.353216	-2.83113	0.030319	0.298869	-3.34595	0.0510017	0.348425	-2.87005	0.00645893	0.18641	-5.36453	0.0274988	0.290344	-3.44419	0.0107217	0.218476	-4.57716	0.0233854	0.276683	-3.61425	0.238877	0.55705	-1.79517	4.24349	15.1214	3.16749	1
cg27387993	SNX29	0.0312318	0.152966	0.78036	-1.28146	0.576403	1.09576	1.09576	0.577718	1.09541	1.09541	0.0888732	0.737806	-1.35537	0.00109402	0.458205	-2.18243	0.448946	0.882471	-1.13318	0.754987	1.05203	1.05203	0.225199	0.813507	-1.22925	0.0403567	0.681321	-1.46774	4.02871	1.67526	0.369627	1
cg27096032	SNX29	0.0336568	0.781568	0.941811	-1.06178	0.00143307	0.369963	-2.70297	0.0219898	0.552893	-1.80867	0.638223	1.10754	1.10754	0.841388	1.04416	1.04416	0.593347	0.89025	-1.12328	0.196632	1.34239	1.34239	0.694766	1.08878	1.08878	0.801102	1.05595	1.05595	3.92215	2.88967	0.654894	1
cg03816625	SNX29	0.0367388	0.0389468	0.665835	-1.50187	0.222579	1.24371	1.24371	0.954615	0.990362	-1.00973	0.0166474	0.608055	-1.64459	0.163488	0.77643	-1.28795	0.460402	0.879957	-1.13642	0.0163623	1.64767	1.64767	0.535736	0.898788	-1.11261	0.108023	0.742022	-1.34767	3.79966	1.74235	0.407603	1
cg01223986	SNX29	0.0388808	0.0385572	0.502892	-1.9885	0.198141	0.67698	-1.47715	0.00183425	0.280971	-3.55909	0.869361	0.953884	-1.04835	0.0324729	0.487706	-2.05041	0.190332	0.671794	-1.48855	0.0646489	0.551406	-1.81354	0.753352	1.09463	1.09463	0.540096	0.837018	-1.19472	3.72176	4.84941	1.15821	1
cg04304019	SNX29;RUNDC2A	0.0185013	0.276966	0.828687	-1.20673	0.0315516	1.52047	1.52047	0.946109	1.0113	1.0113	0.270898	0.826546	-1.20985	0.013913	0.603535	-1.65691	0.576231	1.09838	1.09838	0.113231	1.3317	1.3317	0.200456	1.252	1.252	0.00491103	0.538284	-1.85775	4.83025	2.11286	0.38882	1
cg04769879	SNX29;RUNDC2A	0.0196231	0.69956	0.853403	-1.17178	0.13139	0.513861	-1.94605	0.0467856	0.394339	-2.53589	0.0984075	0.476673	-2.09788	0.00823829	0.251204	-3.98082	0.102628	0.481866	-2.07527	0.00115557	0.142036	-7.04049	0.46576	0.738273	-1.35451	0.0178292	0.308086	-3.24585	4.73504	12.5321	2.3526	1
cg14350114	SNX30	4.22E-06	0.000285895	0.370724	-2.69742	0.907463	1.01967	1.01967	0.246921	0.816421	-1.22486	6.02E-05	0.288753	-3.46317	2.09E-06	0.141482	-7.06803	0.649502	0.926217	-1.07966	2.72E-07	0.0783281	-12.7668	0.0293158	1.53736	1.53736	0.000394984	0.388531	-2.5738	50.7106	22.5398	0.395093	1
cg14286845	SNX30	0.000593627	0.247533	0.820589	-1.21864	0.00196717	0.488976	-2.04509	0.470308	1.12764	1.12764	0.316376	0.84416	-1.18461	0.0916021	1.35501	1.35501	0.533752	1.10858	1.10858	1.83E-05	0.239633	-4.17305	0.651911	1.0771	1.0771	0.0370401	1.48591	1.48591	13.6244	5.77176	0.376564	1
cg26386402	SNX30	0.00640748	0.0321156	0.486109	-2.05715	0.089518	1.71246	1.71246	0.00806784	2.65128	2.65128	0.00811499	2.64835	2.64835	0.0462752	0.518895	-1.92717	0.0892889	1.71325	1.71325	0.131825	1.59583	1.59583	0.00926759	2.58263	2.58263	0.231268	0.697108	-1.4345	6.79954	8.89179	1.1624	1
cg13803584	SNX30	0.0133767	0.00466207	0.502969	-1.98819	0.0141579	0.575264	-1.73833	0.214835	0.787813	-1.26934	0.0309521	1.58837	1.58837	0.702935	0.932407	-1.07249	0.270734	1.233	1.233	0.0657786	1.45806	1.45806	0.326511	0.831086	-1.20325	0.113307	1.36992	1.36992	5.37967	2.84247	0.469664	1
cg12063910	SNX30	0.033102	0.0565358	1.39825	1.39825	0.420434	1.13634	1.13634	0.864418	1.02689	1.02689	0.119556	1.29989	1.29989	0.0558887	1.3998	1.3998	0.0162198	0.633449	-1.57866	0.0627659	0.722435	-1.38421	0.0610163	1.38799	1.38799	0.313658	1.17564	1.17564	3.94568	1.50681	0.339457	1
cg09619598	SNX30	0.0394536	0.0380118	0.336218	-2.97426	0.0663623	2.54238	2.54238	0.14021	2.05261	2.05261	0.0520673	2.72218	2.72218	0.191567	1.87111	1.87111	0.637459	1.23999	1.23999	0.0192526	3.60776	3.60776	0.039854	2.93487	2.93487	0.541038	0.755476	-1.32367	3.70183	12.0394	2.89093	1
cg24903183	SNX31	0.000879907	0.739023	0.856716	-1.16725	0.047487	2.85376	2.85376	0.631335	1.25061	1.25061	0.194504	1.8867	1.8867	0.455183	0.703394	-1.42168	0.00164762	8.03711	8.03711	1.55E-05	62.4531	62.4531	0.815166	0.897345	-1.1144	0.580362	1.29472	1.29472	12.2003	41.3408	3.01201	1
cg26440289	SNX31	0.00114746	0.734325	0.859293	-1.16375	0.0990337	2.23688	2.23688	0.715375	1.17707	1.17707	0.569104	1.29198	1.29198	0.735435	0.859864	-1.16298	0.00143108	7.78995	7.78995	2.75E-05	39.6029	39.6029	0.256944	0.590539	-1.69337	0.456994	0.713756	-1.40104	11.3153	35.5157	2.78998	1
cg08081156	SNX31	0.00160162	0.271462	0.65113	-1.53579	0.916888	1.03965	1.03965	0.0203028	0.341745	-2.92616	0.169753	1.73338	1.73338	0.175736	0.58196	-1.71833	0.00300225	4.93493	4.93493	0.000131664	15.083	15.083	?	?	?	0.363535	0.705202	-1.41803	12.6012	24.0928	1.67296	1
cg17213074	SNX31	0.00169837	0.00205701	0.177549	-5.63225	0.102846	0.491407	-2.03497	0.00797235	0.258196	-3.87302	0.856697	0.930565	-1.07462	0.00406638	0.215363	-4.64332	0.00448584	0.221254	-4.5197	0.000194821	0.082471	-12.1255	0.00231988	0.183845	-5.43937	0.0103174	0.276204	-3.62051	10.1106	25.3796	2.23129	1
cg23700859	SNX31	0.00233277	0.156208	1.49548	1.49548	0.00732067	2.50269	2.50269	0.10836	1.59155	1.59155	0.0235786	0.488068	-2.0489	0.000227515	0.196811	-5.08101	0.11239	1.5818	1.5818	0.0964203	1.623	1.623	0.276543	1.35023	1.35023	0.310842	1.32075	1.32075	9.21767	10.276	0.990946	1
cg18582180	SNX31	0.00254832	0.76466	0.86904	-1.1507	0.0993406	2.32705	2.32705	0.258246	0.576067	-1.73591	0.167323	1.99011	1.99011	0.208021	0.537605	-1.8601	0.00553867	5.49678	5.49678	7.77E-05	28.3354	28.3354	0.297288	0.603393	-1.65729	0.849493	1.09288	1.09288	8.98127	31.0923	3.07725	1
cg14635466	SNX31	0.0147293	0.0111684	0.308777	-3.23858	0.85407	0.934229	-1.0704	0.00572003	0.262154	-3.81455	0.330447	1.4493	1.4493	0.0157319	0.334982	-2.98523	0.821229	1.08723	1.08723	0.817933	0.918324	-1.08894	0.0286879	2.59507	2.59507	0.0838799	0.493208	-2.02754	5.21196	11.2708	1.92221	1
cg13277380	SNX31	0.0200605	0.0231906	0.480549	-2.08096	0.113683	1.59158	1.59158	0.838386	1.05669	1.05669	0.387768	1.27001	1.27001	0.217393	0.704405	-1.41964	0.364076	1.28639	1.28639	0.00434069	2.79878	2.79878	0.0319139	0.507193	-1.97164	0.290317	0.74355	-1.3449	4.69974	5.42664	1.02637	1
cg25374359	SNX31	0.0452335	0.0742001	0.433077	-2.30906	0.0568466	2.47588	2.47588	0.68588	1.18652	1.18652	0.0676437	2.36576	2.36576	0.65509	1.20818	1.20818	0.582483	1.26307	1.26307	0.0048213	4.82069	4.82069	0.0570279	2.47382	2.47382	0.655641	1.20779	1.20779	3.5187	9.85966	2.49073	1
cg27043726	SNX31;SNX31	1.27E-05	0.0280677	0.584911	-1.70966	0.734027	1.07304	1.07304	0.0883786	0.677978	-1.47497	0.596736	1.1167	1.1167	0.115984	0.702474	-1.42354	0.000378313	3.23538	3.23538	1.76E-07	27.7516	27.7516	0.675397	0.916625	-1.09096	0.917483	1.02165	1.02165	38.117	25.7959	0.60156	1
cg10715223	SNX31;SNX31	0.00156667	0.00954866	0.105969	-9.43674	0.865334	1.12308	1.12308	0.00816413	0.0987589	-10.1257	0.436658	1.72055	1.72055	0.0384415	0.193963	-5.15561	0.0133711	8.1274	8.1274	0.000174305	77.9697	77.9697	0.891986	0.911276	-1.09736	0.698083	0.766006	-1.30547	10.3491	76.6486	6.58339	1
cg08707110	SNX32	0.00190778	0.916839	1.01981	1.01981	0.0186041	1.70914	1.70914	0.875393	0.97095	-1.02992	0.769908	0.946392	-1.05664	6.21E-05	0.249855	-4.00232	0.970457	1.00698	1.00698	0.0129939	1.78434	1.78434	0.122335	0.730115	-1.36965	0.900562	0.97679	-1.02376	9.7753	5.4637	0.496826	1
cg17293600	SNX32	0.0022754	0.00188846	4.14318	4.14318	0.000177073	7.77722	7.77722	0.0151408	2.61981	2.61981	0.267331	0.688712	-1.45199	0.921232	0.968584	-1.03243	0.451376	0.780641	-1.281	0.0641314	1.95698	1.95698	0.00509839	3.30199	3.30199	0.377553	1.33938	1.33938	9.28521	15.3166	1.46628	1
cg17318632	SNX32	0.00950166	?	?	?	0.0857598	0.707698	-1.41303	0.153252	0.756966	-1.32106	0.719771	0.936513	-1.06779	0.000841804	0.400815	-2.49492	0.653532	0.921032	-1.08574	0.0374903	1.55192	1.55192	0.956259	1.01004	1.01004	0.0446593	1.52151	1.52151	6.12876	2.86006	0.466662	1
cg06678084	SNX32	0.00960414	0.0113538	0.792171	-1.26235	0.0579406	1.17065	1.17065	0.00268213	1.35666	1.35666	0.518325	0.953006	-1.04931	0.0908425	0.872034	-1.14674	0.106207	1.13847	1.13847	0.160434	0.895638	-1.11652	0.556145	1.04473	1.04473	0.0531052	1.17532	1.17532	5.98735	0.512345	0.0760633	1
cg19018097	SNX32	0.0154427	0.721007	0.958744	-1.04303	0.654487	1.05435	1.05435	0.00396808	1.57638	1.57638	0.0607219	0.780033	-1.282	0.853924	1.02189	1.02189	0.133755	0.82695	-1.20926	0.00604742	0.656207	-1.52391	0.3359	1.12365	1.12365	0.124894	1.21552	1.21552	5.13104	1.12178	0.194334	1
cg01421405	SNX32;SNX32	0.0466411	0.741256	0.908438	-1.10079	0.0798777	0.569367	-1.75634	0.595399	0.856138	-1.16804	0.824117	1.06664	1.06664	0.0144602	0.417534	-2.39502	0.077629	0.566428	-1.76545	0.286412	1.37827	1.37827	0.159513	1.54597	1.54597	0.0335081	2.05409	2.05409	3.47844	4.62703	1.1824	1
cg18762620	SNX33	0.00388047	0.647415	1.14272	1.14272	0.596529	0.856594	-1.16741	0.78221	0.922852	-1.0836	0.0731921	1.78404	1.78404	0.171405	1.52482	1.52482	0.579653	1.17597	1.17597	7.02E-05	0.122203	-8.18308	0.344688	0.754284	-1.32576	0.474282	1.2347	1.2347	7.92457	10.5349	1.18168	1
cg10418598	SNX33	0.00464115	0.00592699	5.35088	5.35088	0.437546	0.701623	-1.42527	0.017885	0.265892	-3.76093	0.0589433	0.379149	-2.63749	0.000875683	10.8234	10.8234	0.172098	1.92456	1.92456	0.253166	1.70911	1.70911	0.607637	0.793469	-1.26029	?	?	?	8.89787	24.4044	2.39988	1
cg24511375	SNX33	0.0483491	0.124244	1.26418	1.26418	0.846495	0.973073	-1.02767	0.931351	1.01221	1.01221	0.859915	1.02519	1.02519	0.888752	0.980481	-1.01991	0.0544171	0.735379	-1.35984	0.0842898	1.30861	1.30861	0.00628929	1.65081	1.65081	0.0503639	1.36908	1.36908	3.43155	1.07796	0.279227	1
cg23763053	SNX3;SNX3	0.00490252	0.270009	0.762932	-1.31073	0.0019696	2.80202	2.80202	0.244702	1.33201	1.33201	0.786667	1.06599	1.06599	0.686411	1.10034	1.10034	0.000333591	0.255722	-3.9105	0.490972	0.848052	-1.17917	0.759349	0.930172	-1.07507	0.838445	1.04927	1.04927	7.38281	6.48941	0.781323	1
cg11720661	SNX3;SNX3	0.00703114	0.0614837	1.41104	1.41104	0.0121143	1.6673	1.6673	0.0622945	1.40917	1.40917	0.434586	1.13918	1.13918	0.12251	1.3146	1.3146	0.389949	1.15488	1.15488	0.000706635	0.430148	-2.32478	0.238255	0.817168	-1.22374	0.401469	1.15069	1.15069	6.60597	2.79515	0.376111	1
cg06150925	SNX3;SNX3	0.00962046	0.0732063	0.396508	-2.52202	0.0295649	0.305385	-3.27456	0.298942	1.64619	1.64619	0.0280596	0.300802	-3.32445	0.0244739	0.289106	-3.45894	0.145034	0.484505	-2.06396	0.00446965	0.172825	-5.7862	0.00096375	0.102725	-9.73476	0.135897	0.475179	-2.10447	5.98411	20.3174	3.01798	1
cg14452952	SNX3;SNX3	0.0231743	0.0662799	0.507721	-1.96958	0.971227	1.01194	1.01194	0.385262	0.746089	-1.34032	0.83821	0.934938	-1.06959	0.000529867	0.169358	-5.90465	0.744625	0.898029	-1.11355	0.0305317	0.433264	-2.30806	0.782512	1.09533	1.09533	0.203039	0.64264	-1.55608	4.4732	7.67111	1.52436	1
cg02504465	SNX3;SNX3	0.0256592	0.0061993	0.15123	-6.61245	0.0142955	0.215907	-4.63162	0.323544	1.57779	1.57779	?	?	?	?	?	?	0.97422	0.985951	-1.01425	?	?	?	?	?	?	0.377836	0.66836	-1.4962	7.05688	10.9232	1.54788	1
cg20710635	SNX3;SNX3	0.0377438	0.153858	0.354457	-2.82122	0.0374492	0.193916	-5.15687	0.0245951	0.162243	-6.16361	0.0624406	0.240611	-4.15609	0.0327059	0.183122	-5.46085	0.0843462	0.273322	-3.65869	0.00437407	0.0753366	-13.2738	0.0348263	0.188055	-5.3176	0.727383	0.788397	-1.2684	3.76243	27.4998	6.49694	1
cg07063911	SNX4	0.00156595	0.63065	0.925871	-1.08006	0.000412695	0.410142	-2.43818	0.00381414	0.537818	-1.85937	0.0401392	0.685896	-1.45795	0.00303762	0.524319	-1.90724	0.165878	0.790632	-1.26481	0.0211029	1.55416	1.55416	0.995278	0.99906	-1.00094	0.00135726	0.477356	-2.09487	10.3505	4.14344	0.355835	1
cg16468910	SNX4	0.0069281	0.0204752	0.782494	-1.27797	0.00149085	0.668776	-1.49527	0.585253	0.952751	-1.04959	0.0521785	0.823673	-1.21407	0.0417562	1.22892	1.22892	0.114584	0.860082	-1.16268	0.0427294	0.814748	-1.22737	0.00552138	0.725909	-1.37758	0.333247	1.09162	1.09162	6.63644	0.810814	0.108601	1
cg04569594	SNX4	0.015866	0.189981	0.81914	-1.22079	0.300278	0.857044	-1.1668	0.465051	1.11277	1.11277	0.0190081	0.664916	-1.50395	0.0698067	0.747215	-1.3383	0.676716	1.06212	1.06212	0.0614534	1.35365	1.35365	0.163958	0.807783	-1.23796	0.00131275	0.51062	-1.9584	5.08519	1.66352	0.290782	1
cg21830066	SNX4	0.0225226	0.0161941	0.63872	-1.56563	0.182109	1.24091	1.24091	0.877349	0.976737	-1.02382	0.0616067	0.725507	-1.37835	0.577415	1.08957	1.08957	0.0876359	0.750246	-1.3329	0.286825	1.18361	1.18361	0.0132705	1.59635	1.59635	0.0529532	1.39825	1.39825	4.51736	1.66194	0.327022	1
cg11653071	SNX5;C20orf72;SNX5	0.00677057	0.0430203	1.62832	1.62832	0.00994526	1.97728	1.97728	0.0429663	1.62858	1.62858	0.671006	1.09359	1.09359	0.079952	0.665765	-1.50203	0.00114302	2.72219	2.72219	0.109245	0.693724	-1.44149	0.571464	0.887148	-1.12721	0.0309049	1.70003	1.70003	6.68414	4.64142	0.617238	1
cg11837402	SNX5;C20orf72;SNX5	0.0093126	0.0713347	1.57346	1.57346	0.0388487	1.71307	1.71307	0.16902	1.39067	1.39067	0.0142518	1.97454	1.97454	0.0505555	0.605641	-1.65114	0.954151	1.01302	1.01302	0.0486905	1.65984	1.65984	0.0010547	2.9753	2.9753	0.0329321	1.75317	1.75317	6.04642	4.85029	0.713045	1
cg20773023	SNX5;C20orf72;SNX5	0.0287261	0.0447385	0.785542	-1.27301	0.0447751	0.785584	-1.27294	0.31561	1.11483	1.11483	0.995507	1.00059	1.00059	0.782596	1.0294	1.0294	0.00205979	0.63461	-1.57577	0.718856	1.0386	1.0386	0.674139	1.0453	1.0453	0.16058	1.17002	1.17002	4.15013	0.72137	0.154505	1
cg17507897	SNX5;SNORD17;SNX5	0.0250077	0.0403454	0.359478	-2.78181	0.0427452	0.365095	-2.73901	0.0989165	0.457683	-2.18492	0.318764	1.5607	1.5607	0.0572032	0.394777	-2.53308	0.223454	1.7377	1.7377	0.0504491	0.38169	-2.61993	0.0172851	3.49983	3.49983	0.856815	0.924943	-1.08115	4.35677	12.8772	2.62728	1
cg00414709	SNX5;SNX5	0.0118934	0.37024	1.21479	1.21479	0.000438911	0.309002	-3.23623	0.0374608	0.600164	-1.66621	0.770665	0.940062	-1.06376	0.0300943	1.71497	1.71497	0.875918	0.967497	-1.03359	0.654098	0.909035	-1.10007	0.825235	0.954311	-1.04788	0.739375	0.931834	-1.07315	5.58965	3.95852	0.629501	1
cg17346022	SNX6;SNX6	0.000381547	0.000813769	0.350548	-2.85267	0.963819	1.00946	1.00946	0.0154893	0.53976	-1.85268	0.998513	0.999613	-1.00039	7.29E-06	0.128235	-7.79816	0.00409931	0.449481	-2.22479	0.413097	0.840511	-1.18975	0.704782	0.924006	-1.08224	0.437206	0.848264	-1.17888	15.3993	10.5153	0.60697	1
cg02333555	SNX6;SNX6	0.00846744	0.213333	0.767219	-1.30341	0.0486727	0.634247	-1.57667	0.00207261	2.4032	2.4032	0.0101941	0.519409	-1.92526	0.348615	1.21545	1.21545	0.0143662	1.84084	1.84084	0.453942	0.857061	-1.16678	0.489696	1.15245	1.15245	0.497258	1.14953	1.14953	6.23157	4.03525	0.5756	1
cg13093793	SNX6;SNX6	0.0123484	0.100868	0.891169	-1.12212	0.113412	1.11679	1.11679	0.171786	0.91094	-1.09777	0.819977	1.01472	1.01472	0.0270555	0.845495	-1.18274	0.429261	0.949574	-1.0531	0.00071194	0.718512	-1.39177	0.375046	0.943291	-1.06012	0.100487	1.12229	1.12229	5.52192	0.35959	0.0578849	1
cg04703241	SNX7;SNX7	0.00714182	0.319124	0.668991	-1.49479	0.094689	0.488157	-2.04852	0.67434	0.847891	-1.1794	8.69E-05	0.0640017	-15.6246	0.827618	1.08888	1.08888	0.0364498	0.387009	-2.58392	0.633573	0.829025	-1.20624	0.74102	0.87854	-1.13825	0.551965	0.790614	-1.26484	6.57385	15.8709	2.146	1
cg20286094	SNX7;SNX7	0.0112089	0.265929	1.33316	1.33316	0.00601914	0.41057	-2.43564	0.148599	0.680918	-1.4686	0.596276	0.875797	-1.14182	0.231133	0.732295	-1.36557	0.935834	0.980225	-1.02017	0.0126474	0.463521	-2.1574	0.603097	0.87799	-1.13897	0.000682926	0.276068	-3.6223	5.69785	5.55253	0.866218	1
cg16046833	SNX7;SNX7	0.0131351	0.0127783	0.454	-2.20264	0.0567361	0.576627	-1.73422	0.0234277	0.500949	-1.99621	0.583677	0.868238	-1.15176	0.00528967	0.391205	-2.55621	0.0103571	0.438492	-2.28054	0.00368553	0.367119	-2.72391	0.861913	1.04545	1.04545	0.0376845	0.540403	-1.85047	5.41183	5.58623	0.917534	1
cg03224459	SNX8	3.82E-05	0.549562	1.10426	1.10426	2.27E-05	0.249048	-4.01528	2.73E-05	0.257922	-3.87714	0.677479	0.93379	-1.0709	0.014487	1.63789	1.63789	0.0675095	0.714975	-1.39865	5.64E-05	3.4058	3.4058	0.0937623	1.35236	1.35236	0.0548281	1.42861	1.42861	28.5813	12.1432	0.377659	1
cg21353724	SNX8	0.000778279	0.50618	0.811884	-1.2317	0.00569752	3.06555	3.06555	0.742358	0.903104	-1.10729	0.0237266	0.434274	-2.3027	1.70E-05	0.0653736	-15.2967	0.738061	0.901501	-1.10926	0.31208	1.38137	1.38137	0.718534	0.894204	-1.11831	0.393778	0.763472	-1.3098	12.6295	19.0926	1.34377	1
cg22319052	SNX8	0.00091248	0.0530395	0.702743	-1.423	0.255784	0.826662	-1.20968	0.000410318	0.406436	-2.46041	0.00465565	1.82923	1.82923	0.0012057	0.467267	-2.14011	0.000799919	0.443849	-2.25302	0.034048	0.672359	-1.4873	0.517432	1.11105	1.11105	0.0345268	0.673298	-1.48523	12.0756	4.92437	0.362483	1
cg07970658	SNX8	0.00129707	0.971842	0.993488	-1.00655	0.00163129	0.43374	-2.30553	8.00E-05	0.267565	-3.73741	0.956662	0.989992	-1.01011	0.000738818	0.387253	-2.58229	0.0248954	0.610124	-1.63901	0.0286609	0.620165	-1.61247	0.503609	0.881945	-1.13386	0.0199643	0.59463	-1.68172	10.9261	5.92811	0.482278	1
cg22679120	SNX8	0.00219081	0.00046437	0.199535	-5.01165	0.00102574	0.240642	-4.15555	0.382035	1.30007	1.30007	0.0578386	0.533794	-1.87338	0.633269	0.868748	-1.15108	0.913727	1.03223	1.03223	0.30555	0.733049	-1.36416	0.00568716	2.89124	2.89124	0.0482064	0.516407	-1.93646	9.38878	12.7401	1.20618	1
cg06236140	SNX8	0.00295837	0.109881	0.711705	-1.40508	8.33E-05	0.251017	-3.9838	0.0452201	0.638685	-1.56572	0.599428	0.901743	-1.10896	0.0403519	0.629927	-1.58749	0.000873176	0.377457	-2.64931	0.42493	0.852985	-1.17235	0.225981	0.780267	-1.28161	0.250354	0.791038	-1.26416	8.59372	5.18328	0.536132	1
cg03383472	SNX8	0.00572554	0.237708	1.17173	1.17173	0.0778211	0.777936	-1.28545	0.000758089	0.519904	-1.92343	0.617909	0.937595	-1.06656	0.00104714	0.53714	-1.86171	0.304425	0.872599	-1.146	0.0273335	0.715658	-1.39731	0.62244	1.06566	1.06566	0.0381445	0.734969	-1.3606	7.04004	1.8306	0.231135	1
cg09565576	SNX8	0.00660744	0.000771731	0.56354	-1.7745	0.453378	0.917547	-1.08986	0.00485817	0.656583	-1.52304	0.771129	0.967672	-1.03341	0.378499	0.903216	-1.10715	0.136236	1.19826	1.19826	0.0194096	1.37494	1.37494	0.125759	0.829732	-1.20521	0.879055	1.0173	1.0173	6.73501	1.35386	0.178684	1
cg00363841	SNX8	0.00681966	?	?	?	0.0197234	1.61707	1.61707	0.00567221	0.404195	-2.47405	0.124337	1.19208	1.19208	?	?	?	0.00377357	0.328836	-3.04103	?	?	?	?	?	?	?	?	?	145.884	4.27621	0.0146562	1
cg27000449	SNX8	0.0112926	0.0225178	1.47266	1.47266	0.603306	1.07709	1.07709	0.0028091	1.79164	1.79164	0.00971225	1.58942	1.58942	0.367041	1.14026	1.14026	0.00190296	1.86469	1.86469	0.243771	1.18857	1.18857	0.022007	1.47567	1.47567	0.0265806	1.45109	1.45109	5.68419	1.8063	0.282467	1
cg20457891	SNX8	0.0155208	0.219237	1.21563	1.21563	0.400958	1.13875	1.13875	0.00071844	0.459312	-2.17717	0.248837	1.19982	1.19982	0.272326	0.841406	-1.18849	0.144241	1.26752	1.26752	0.279538	1.18519	1.18519	0.0872913	0.751778	-1.33018	0.671352	1.06663	1.06663	5.12247	1.85303	0.321552	1
cg23357685	SNX8	0.0209304	0.0328687	1.4207	1.4207	0.313605	1.15793	1.15793	0.00245891	1.80874	1.80874	0.0180955	1.49765	1.49765	0.883774	1.02079	1.02079	0.0100731	1.57916	1.57916	0.129647	1.25905	1.25905	0.0471745	1.3765	1.3765	0.0252114	1.45422	1.45422	4.63227	1.45226	0.278675	1
cg17831826	SNX8	0.0235495	0.130952	0.819844	-1.21974	0.00245605	0.598604	-1.67055	0.854835	0.97794	-1.02256	0.670004	1.0536	1.0536	0.205839	0.849972	-1.17651	0.63437	0.943314	-1.06009	0.00753862	1.52011	1.52011	0.770951	1.0362	1.0362	0.908804	1.01405	1.01405	4.44846	1.04524	0.208859	1
cg21618501	SNX8	0.023755	0.0284244	0.66198	-1.51062	0.495465	1.11671	1.11671	0.165593	0.789899	-1.26599	0.169335	1.26303	1.26303	0.680965	0.936192	-1.06816	0.0140147	1.62231	1.62231	0.855137	1.02958	1.02958	0.031561	0.668916	-1.49496	0.0219966	0.645215	-1.54987	4.43512	1.78676	0.358104	1
cg21458721	SNX8	0.0240527	0.0195228	0.38386	-2.60511	0.795783	1.09197	1.09197	0.0205377	0.388053	-2.57697	0.508122	1.25575	1.25575	0.00120005	0.199957	-5.00109	0.163091	0.603503	-1.65699	0.230644	0.652745	-1.53199	0.777026	0.908181	-1.1011	0.335332	0.713897	-1.40076	4.41604	8.0478	1.61991	1
cg09763514	SNX8	0.0264269	0.69507	0.972251	-1.02854	0.0269068	1.20589	1.20589	0.00144786	1.38927	1.38927	0.97065	0.997375	-1.00263	0.598448	0.962749	-1.03869	0.650357	0.967929	-1.03313	0.0170697	1.23086	1.23086	0.392006	1.06465	1.06465	0.526084	1.04696	1.04696	4.27367	0.34539	0.0718382	1
cg01275934	SNX8	0.0361156	0.314253	0.639859	-1.56285	0.0832896	0.439294	-2.27638	0.804021	1.11257	1.11257	0.0598912	0.402193	-2.48637	0.00099139	0.122545	-8.16026	0.764911	1.13731	1.13731	0.950853	1.0268	1.0268	0.89607	0.945472	-1.05767	0.634585	1.22805	1.22805	3.82338	11.1464	2.59141	1
cg12552944	SNX8	0.0439604	0.785523	1.08342	1.08342	0.461819	1.24614	1.24614	0.978877	0.992253	-1.00781	0.546641	1.19626	1.19626	0.333207	1.34073	1.34073	0.364564	1.3148	1.3148	0.00113541	0.245021	-4.08128	0.484044	0.811469	-1.23233	0.274101	0.715842	-1.39696	3.55646	4.86033	1.21477	1
cg19359842	SNX9	0.00104281	0.480767	0.900493	-1.1105	0.530028	0.911164	-1.0975	0.00508438	0.581836	-1.7187	0.20679	1.21497	1.21497	1.63E-05	0.272946	-3.66373	0.742809	0.952987	-1.04933	0.296909	1.17135	1.17135	0.893765	1.01973	1.01973	0.583024	0.92212	-1.08446	11.6274	3.93846	0.301087	1
cg25370392	SNX9	0.00193371	0.872369	0.976183	-1.0244	0.021379	0.660608	-1.51376	0.00181234	0.514315	-1.94433	0.171269	1.24408	1.24408	9.80E-05	0.354293	-2.82252	0.844762	0.971036	-1.02983	0.0698066	1.35526	1.35526	0.680037	0.939718	-1.06415	0.685701	0.940824	-1.0629	9.73699	3.46651	0.316457	1
cg05270236	SNX9	0.00630572	0.281165	1.20188	1.20188	0.0495288	0.692196	-1.44468	0.000410657	0.398125	-2.51178	0.70015	0.938448	-1.06559	0.639682	0.925515	-1.08048	0.019368	0.628635	-1.59075	0.0253262	1.54724	1.54724	0.100763	0.744461	-1.34325	0.144957	0.773381	-1.29302	6.83335	2.9167	0.379407	1
cg24492119	SNX9	0.0164194	0.408957	0.85146	-1.17445	0.822986	1.04358	1.04358	0.533749	1.1275	1.1275	0.299623	1.22713	1.22713	0.230417	0.786969	-1.2707	0.191291	0.768406	-1.30139	0.000293361	0.325137	-3.07562	0.862219	1.03363	1.03363	0.216979	0.780875	-1.28061	5.02749	2.88671	0.510387	1
cg17515844	SNX9	0.0166313	0.320334	0.822283	-1.21613	0.0112194	1.83206	1.83206	0.0726801	1.46458	1.46458	0.120611	0.725575	-1.37822	0.0351518	0.626493	-1.59619	0.257182	0.798248	-1.25274	0.558613	1.11931	1.11931	0.0104012	1.84933	1.84933	0.112601	1.38975	1.38975	5.00603	2.87886	0.511181	1
cg07538515	SNX9	0.0267511	0.257752	0.900824	-1.11009	0.00677431	0.733176	-1.36393	0.102734	0.853944	-1.17104	0.712777	1.03324	1.03324	0.278542	1.10478	1.10478	0.808517	1.0217	1.0217	0.0032703	0.701491	-1.42553	0.32109	1.0949	1.0949	0.287016	0.906856	-1.10271	4.25546	0.52713	0.110108	1
cg04064963	SNX9	0.0370752	0.0370549	0.470914	-2.12353	0.089975	1.78833	1.78833	0.720687	1.11814	1.11814	0.94955	0.980512	-1.01988	0.0020626	0.259286	-3.85675	0.277014	0.703522	-1.42142	0.162522	0.628912	-1.59005	0.471315	0.796194	-1.25598	0.971061	0.98878	-1.01135	3.78706	5.80254	1.36196	1
cg06199939	SNX9	0.0379157	0.99722	0.999399	-1.0006	0.545186	1.11152	1.11152	0.126839	1.32995	1.32995	0.741151	1.05891	1.05891	0.00852427	0.56009	-1.78543	0.11811	0.746022	-1.34044	0.0143876	1.68362	1.68362	0.187092	0.785485	-1.2731	0.677123	1.07499	1.07499	3.75619	1.7738	0.419763	1
cg12118011	SOAT1	0.00916563	0.395822	1.08058	1.08058	0.0488441	1.222	1.222	0.0399635	1.23564	1.23564	0.0134404	1.31359	1.31359	0.00128246	0.658115	-1.51949	0.853668	1.01659	1.01659	0.909227	1.01022	1.01022	0.036963	1.241	1.241	0.613476	1.04644	1.04644	6.07708	0.764452	0.111816	1
cg03312984	SOAT1	0.0183009	0.164854	0.58556	-1.70777	0.0545104	0.454788	-2.19883	0.0333886	0.407403	-2.45457	0.146069	0.56914	-1.75704	0.00289354	0.227791	-4.39	0.0282353	0.392296	-2.5491	0.0214186	0.368474	-2.71389	0.807956	1.09194	1.09194	0.00502356	0.261702	-3.82114	4.848	10.0171	1.83666	1
cg02081976	SOAT1	0.0187569	0.0713354	1.47149	1.47149	0.00188516	2.32792	2.32792	0.00449258	2.06779	2.06779	0.045332	1.55322	1.55322	0.526857	1.13085	1.13085	0.3948	1.18193	1.18193	0.31034	0.817644	-1.22303	0.0624941	1.49493	1.49493	0.652402	1.09085	1.09085	4.80793	2.80086	0.517823	1
cg01774454	SOAT1	0.0193083	0.370326	0.920798	-1.08601	0.0318683	0.798049	-1.25306	0.268837	0.901863	-1.10882	0.00296399	0.693631	-1.44169	0.264084	1.11006	1.11006	0.00308414	0.695385	-1.43805	0.793033	0.976691	-1.02386	0.18874	0.882589	-1.13303	0.064882	0.830318	-1.20436	4.76106	0.606614	0.113255	1
cg06980768	SOAT1	0.0233827	0.643818	1.07815	1.07815	0.238387	0.819075	-1.22089	0.358571	0.858496	-1.16483	0.00420405	0.53817	-1.85815	0.0278287	0.656946	-1.52219	0.017909	0.628129	-1.59203	0.186549	1.25395	1.25395	0.657329	1.07482	1.07482	0.024161	0.64761	-1.54414	4.4594	1.8447	0.367703	1
cg02275294	SOAT1	0.044198	0.501846	0.773506	-1.29282	0.0230987	2.78305	2.78305	0.0139814	3.13814	3.13814	0.393654	1.38988	1.38988	0.108927	0.517518	-1.9323	0.688826	1.16378	1.16378	0.155939	0.564421	-1.77173	0.0691805	2.1513	2.1513	0.196844	1.67215	1.67215	3.54931	7.98024	1.99857	1
cg26268968	SOAT2	0.000127584	0.94934	0.985963	-1.01424	0.0490083	1.64877	1.64877	0.260188	0.770053	-1.29861	0.0126514	0.501778	-1.99291	3.07E-06	0.0847529	-11.799	0.775642	0.938406	-1.06564	0.000646342	0.312124	-3.20386	0.39037	1.2163	1.2163	0.00263167	0.396026	-2.52509	20.7409	16.2597	0.69684	1
cg17818435	SOAT2	0.000477942	0.013741	0.690453	-1.44833	0.000235313	2.09859	2.09859	0.000245781	0.478777	-2.08866	0.00926141	0.669293	-1.49411	0.0108118	0.67757	-1.47586	0.394498	0.899387	-1.11187	0.142724	1.21113	1.21113	0.0164752	0.700265	-1.42803	0.0547966	0.767327	-1.30323	14.4704	3.38815	0.208127	1
cg25897251	SOAT2	0.000479805	0.746428	0.929632	-1.07569	0.00987943	2.0817	2.0817	0.0115827	0.491687	-2.03382	0.607972	0.890152	-1.1234	3.05E-05	0.160007	-6.24975	0.0460296	0.59797	-1.67232	0.216253	1.33998	1.33998	0.140292	1.42876	1.42876	0.00117925	0.342937	-2.91599	14.4548	11.5791	0.712052	1
cg04953535	SOAT2	0.000609281	0.0086522	0.55846	-1.79064	2.24E-05	0.227692	-4.3919	0.00176953	0.460711	-2.17056	0.500846	1.12628	1.12628	0.00315375	0.495478	-2.01825	0.0965744	0.727946	-1.37373	0.116241	1.34596	1.34596	0.172112	0.776487	-1.28785	0.0462932	0.672103	-1.48787	13.5258	6.48965	0.426486	1
cg23468479	SOAT2	0.000928656	0.0503741	1.54135	1.54135	0.0174459	1.75307	1.75307	0.562726	0.89269	-1.12021	0.16264	1.33528	1.33528	0.000206389	0.299507	-3.33882	0.250065	1.26259	1.26259	0.0006443	0.362152	-2.76127	0.0193762	1.73059	1.73059	0.634492	0.911281	-1.09736	12.0158	7.16082	0.529735	1
cg04875514	SOAT2	0.00513385	0.067977	0.684524	-1.46087	0.325478	0.828401	-1.20714	0.122759	0.733399	-1.36351	0.128269	0.737228	-1.35643	0.000521986	0.366804	-2.72625	0.182397	0.769201	-1.30005	0.000500541	0.364441	-2.74393	0.660158	0.921231	-1.0855	0.00764302	0.529494	-1.88859	7.2796	3.96398	0.484029	1
cg04062576	SOAT2	0.0458403	0.147808	0.622903	-1.60539	0.344913	1.34523	1.34523	0.0306878	0.46121	-2.16821	0.014433	0.398884	-2.50699	0.02889	0.45594	-2.19327	0.332351	0.737223	-1.35644	0.135192	0.612062	-1.63382	0.0343248	0.471131	-2.12255	0.0340979	0.470538	-2.12523	3.50116	5.15319	1.30831	1
cg09891807	SOBP	0.000311084	0.032666	0.802967	-1.24538	0.000175742	1.74818	1.74818	0.587731	1.04923	1.04923	0.607714	0.955563	-1.0465	4.03E-05	0.502425	-1.99035	0.266687	1.10693	1.10693	0.796868	1.0229	1.0229	0.665144	1.03897	1.03897	0.0035607	0.707021	-1.41439	16.2875	1.988	0.108495	1
cg09722766	SOBP	0.00101471	0.0805376	0.595856	-1.67826	0.0864109	0.602915	-1.65861	0.0100356	0.419752	-2.38236	0.0296273	0.504604	-1.98175	0.000103865	0.159864	-6.25532	0.00581106	0.380993	-2.62472	0.000125402	0.167861	-5.95732	0.696912	0.900726	-1.11021	0.00737319	0.397584	-2.51519	11.7179	13.2419	1.0045	1
cg00429523	SOBP	0.0011037	0.0150657	0.550133	-1.81774	0.629794	1.10203	1.10203	0.205394	0.765481	-1.30637	0.0671003	1.5076	1.5076	0.000266079	0.301925	-3.31208	0.00139014	0.39581	-2.52646	0.0509755	0.641019	-1.56002	0.00710073	2.00518	2.00518	0.0165696	0.556856	-1.7958	11.4413	7.25088	0.563329	1
cg09581551	SOBP	0.00192976	0.0599757	0.757564	-1.32002	0.120349	1.24663	1.24663	0.45232	0.904675	-1.10537	0.174888	0.827962	-1.20779	0.313558	0.872516	-1.14611	0.314518	0.872768	-1.14578	3.13E-05	0.345688	-2.89278	0.622099	0.937066	-1.06716	0.00845621	0.644097	-1.55256	9.74278	2.64148	0.240998	1
cg23701396	SOBP	0.003136	0.000811716	0.256759	-3.89471	0.00551337	0.374521	-2.67008	0.057114	0.560202	-1.78507	0.366322	0.778914	-1.28384	0.0563326	0.558913	-1.78919	0.00827304	0.402917	-2.4819	0.177637	0.67999	-1.47061	0.00495141	2.72319	2.72319	0.0679455	0.576732	-1.73391	8.4461	9.69459	1.02028	1
cg08513253	SOBP	0.0072373	0.0611535	4.01171	4.01171	0.0170029	6.79472	6.79472	0.00365124	13.3118	13.3118	0.120048	3.03548	3.03548	0.0138953	7.39681	7.39681	0.0700537	3.79441	3.79441	0.000796289	28.0863	28.0863	0.00547742	11.077	11.077	0.0267642	5.628	5.628	6.54663	44.9469	6.1028	1
cg01485362	SOBP	0.00793738	0.00462927	0.453367	-2.20572	0.0102974	0.507195	-1.97163	0.870094	0.966217	-1.03496	0.0756138	0.660157	-1.51479	0.668037	0.913395	-1.09482	0.145031	0.719913	-1.38906	0.00317503	2.3307	2.3307	0.99636	0.999043	-1.00096	0.133885	1.40418	1.40418	6.35985	4.44098	0.620697	1
cg06124975	SOBP	0.0122783	0.0423504	0.790562	-1.26492	0.949694	0.993678	-1.00636	0.0218046	1.31876	1.31876	0.0483493	0.797126	-1.25451	0.204816	1.14393	1.14393	0.0536035	0.802275	-1.24646	0.00376977	0.675072	-1.48132	0.0330817	0.778449	-1.28461	0.701627	1.03945	1.03945	5.53215	0.885137	0.142221	1
cg03350900	SOBP	0.0235807	0.03798	7.23575	7.23575	0.0126413	12.8083	12.8083	0.0437983	6.72733	6.72733	0.109766	4.19585	4.19585	0.0721806	5.21074	5.21074	0.0368819	7.34517	7.34517	0.00350703	25.9808	25.9808	0.0134464	12.3962	12.3962	0.0452857	6.61354	6.61354	4.44643	47.6509	9.52593	1
cg11756518	SOBP	0.0428395	0.0125453	0.375268	-2.66476	0.420181	1.29689	1.29689	0.453809	1.27235	1.27235	0.105851	0.572594	-1.74644	0.16448	0.626141	-1.59709	0.0353101	0.461285	-2.16786	0.0325385	0.45393	-2.20298	0.0300963	0.44701	-2.23709	0.0938477	0.55903	-1.78881	3.59084	5.66659	1.40273	1
cg27003951	SOCS1	0.00691052	0.346788	0.867524	-1.15271	0.624994	1.07493	1.07493	0.943901	0.98973	-1.01038	0.724014	1.05338	1.05338	0.00951497	0.617662	-1.61901	0.00796606	0.607154	-1.64703	0.00385082	0.564803	-1.77053	0.00524028	1.71633	1.71633	0.161934	0.803274	-1.24491	6.6417	2.26332	0.302911	1
cg05181221	SOCS1	0.00966778	0.874458	1.08542	1.08542	?	?	?	0.153577	0.449145	-2.22645	?	?	?	?	?	?	?	?	?	?	?	?	0.00178201	0.0868378	-11.5157	?	?	?	8.55902	11.8848	3.23999	1
cg10513253	SOCS1	0.0201882	0.726898	0.7059	-1.41663	?	?	?	0.00598661	0.0241167	-41.465	0.015945	0.048497	-20.6198	?	?	?	0.271945	0.319108	-3.13373	?	?	?	?	?	?	0.018476	0.0536357	-18.6443	5.744	48.7556	11.8833	1
cg04004558	SOCS1	0.0258328	0.501321	0.787995	-1.26904	0.183225	1.63722	1.63722	0.158538	1.69248	1.69248	0.0986324	1.88185	1.88185	0.0362465	0.427389	-2.33979	0.718933	0.881467	-1.13447	0.164513	1.67826	1.67826	0.00223865	4.4559	4.4559	0.164264	1.67884	1.67884	4.30777	8.31531	1.71583	1
cg11973052	SOCS1	0.0453953	0.00167009	0.0834536	-11.9827	0.448869	0.652895	-1.53164	0.488696	1.47488	1.47488	0.549126	1.39775	1.39775	0.94614	0.963366	-1.03803	0.27539	0.534267	-1.87172	?	?	?	0.90105	1.07113	1.07113	0.189158	2.15639	2.15639	3.56733	15.3264	4.29631	1
cg10784813	SOCS1	0.048944	0.459644	0.706827	-1.41477	0.463502	1.41042	1.41042	0.246872	1.74724	1.74724	0.128719	2.13118	2.13118	0.364232	0.650705	-1.53679	0.861163	0.922492	-1.08402	0.265197	1.70767	1.70767	0.00176169	7.79537	7.79537	0.0991792	2.30027	2.30027	3.4157	11.4898	2.99006	1
cg15919066	SOCS2	5.96E-07	0.0077752	0.62807	-1.59218	0.00206425	0.554049	-1.80489	4.33E-06	0.236333	-4.23132	4.31E-05	0.347434	-2.87824	0.363084	0.880553	-1.13565	2.25E-05	0.314687	-3.17776	8.18E-09	0.0394066	-25.3764	0.0882978	0.774195	-1.29166	7.20E-05	0.373858	-2.67481	83.6633	24.5389	0.260716	1
cg22125370	SOCS2	0.000124262	0.00139925	2.08555	2.08555	0.0857006	1.35208	1.35208	0.0271616	1.5148	1.5148	0.473723	0.890726	-1.12268	0.0137442	0.616447	-1.6222	0.457916	1.12755	1.12755	0.000757697	0.444506	-2.24969	7.83E-06	4.74011	4.74011	0.0853718	1.3526	1.3526	20.8884	8.34391	0.355068	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 3)	Fold-Change(347T vs. 3)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23881487	SOCS2	0.00116423	0.0074259	0.108905	-8.35408	0.00117708	0.0455444	-21.9566	0.00804735	0.310664	-0.91637	0.76083	1.20954	0.02131119	0.173844	0.53524	0.467481	0.01917	-1.61507	0.001003724	0.01116636	-85.7368	0.00497478	0.0897453	-11.3426	0.00168802	0.0544906	-18.3518	11.2687	75.0318	5.91863	1
cg04797323	SOCS2	0.00554501	0.0479035	3.55435	0.581226	1.3667	1.3667	0.00705257	0.704817	0.70481	0.158221	2.66878	2.66878	0.0869025	0.346407	-2.88678	0.633925	0.764138	-1.30866	0.03381197	0.249197	-4.01289	0.000635183	18.9628	18.9628	0.352316	1.710331	1.710373	5.107074	35.4037	4.42632	1
cg24117442	SOCS2	0.00763885	0.0369186	0.650262	-1.53784	0.000443596	2.677	2.677	0.5608848	1.11008	1.11008	0.209541	1.26474	1.26474	0.494704	1.11104	1.11104		0.0999696	0.726072	-1.37727	0.212467	1.26265	1.26265	0.0589103	1.46053	1.46057	0.0417941	1.51693	1.51693	0.416891	2.12508	4.43979	1
cg17051560	SOCS2	0.00821833	0.0227336	0.227593	-4.3938	0.279512	1.84106	1.84106	0.000251376	0.03772209	-26.5105	0.616475	1.760227	-1.3154	7	7	0.506688	0.744712	-1.3428	0.49963	1.45065	1.45065	0.926742	0.9513501	-1.05119	0.499076	1.45137	1.45137	0.4192	26.6333	4.149	1
cg04409030	SOCS2	0.00979317	0.68484	0.898497	-1.11297	0.00125371	0.290569	-3.44152	0.01110143	0.433783	-2.3053	0.353961	1.28422	1.28422	0.555059	1.16952	1.16952		0.998306	0.999443	-1.00056	0.0083894	0.41342	-2.41884	0.206514	1.41833	1.41833	0.0464916	0.549848	-1.81869	0.95023	6.4839	0.968613	1
cg27639149	SOCS2	0.01225721	0.174732	0.749622	-1.334	0.209234	1.30244	1.30244	0.357807	1.20779	1.20779	0.619891	0.9049997	-1.10498	0.032386	0.607884	1.64515		0.762573	1.06236	1.06236	0.000556939	0.3403302	-2.91289	0.0701576	0.667753	-1.49806	0.266609	1.29596	1.29596	5.488074	3.465443	0.5611156	1
cg07215749	SOCS2	0.01379988	0.6584428	1.06988	1.06988	0.00463859	1.7714	1.7714	0.52644	1.10236	1.10236	0.902912	0.9816643	-1.0187	0.979542	0.996115	-1.0039		0.724186	0.94763	-1.05526	0.0143019	0.632154	-1.58189	0.006590336	1.70851	1.70851	0.0245633	1.50167	1.50167	5.325115	1.94408	0.3245111	1
cg34544973	SOCS2	0.01510192	0.0221212	0.401789	-2.47654	0.0188089	0.996346	-2.56183	0.2132996	0.664143	-1.51186	0.6605908	0.496942	-2.01231	0.19133	0.619315	-1.57972		0.0100622	0.343961	-2.9073	0.00335142	0.2702669	-3.70002	0.09201887	0.2564271	-3.89907	0.00335142	0.2702669	-3.70002	0.09201887	0.5394455	-1.85372	5.178551	8.959916	1.53791	1
cg12275348	SOCS2	0.01539	0.00300722	0.54193	1.54193	0.997047	1.00138	1.00138	0.07668895	2.0801	2.0801	0.8987314	1.04851	1.04851	0.629176	1.11842	1.11842		0.213431	1.62802	1.62802	0.150018	0.563245	-1.77543	0.00193503	5.12388	5.12388	0.0653383	2.15384	2.15384	1.53686	11.2578	1.394806	1
cg07687131	SOCS2	0.01717659	0.122855	0.221469	-4.51531	0.0517007	0.135774	-7.36518	0.842473	1.19653	1.19653	0.454868	0.503373	-1.9866	0.0121037	0.0595565	-16.7908		0.193375	0.289058	-3.45952	0.000571034	0.00814285	-122.807	0.818498	0.812794	-1.23032	0.0578644	0.144616	-6.91489	4.9523	63.7798	11.4478	1
cg03127347	SOCS2	0.02293665	0.153317	0.819162	-1.22075	0.193021	0.686347	-1.19568	0.493278	0.931692	-1.09446	0.000603752	0.5031534	-1.98604	0.8543531	0.979443	-1.02413		0.521748	1.08789	1.08789	0.195541	1.19433	1.19433	0.48988	1.095226	1.09526	0.0158252	1.088668	1.088668	4.48914	1.19656	0.23093	1
cg06630241	SOCS2	0.02754452	0.2390776	-4.18277	0.00542974	0.0710011	-14.0843	0.370352	0.514229	-1.94466	0.54843	0.644659	-1.55121	0.0120174	0.103834	-9.63073			0.230399	0.402646	-2.48357	0.00428413	0.0633449	-15.8366	0.0764234	0.240489	-4.15819	0.0513513	0.2010198	-4.97269	4.21199	34.8696	7.35881	1
cg23412850	SOCS2	0.0382274	0.19196	0.625539	-1.5982	0.0295281	2.45483	2.45483	0.1610481	0.7001557	-1.48324	0.084017	0.522381	-1.91432	0.106999	0.550104	-1.81784		0.450569	0.770196	-1.29837	0.00449385	0.2762328	-3.62019	0.710914	0.8812321	-1.13479	0.1818309	0.6173925	-1.61932	3.74495	6.8425	1.62411	1
cg19007602	SOCS2;SOCS2	0.0243672	0.0141528	0.688184	-1.4531	0.112516	1.23771	1.23771	0.169359	1.18807	1.18807	0.0260704	0.721843	-1.38534	0.0932465	0.790159	-1.25598		0.979976	0.996907	-1.0031	0.0410425	0.747499	-1.33779	0.344125	1.12782	1.12782	0.10499	1.24443	1.24443	4.39621	1.06087	0.2145002	1
cg22749855	SOCS3	2.91E-06	0.362018	0.907414	-1.10203	0.000484772	1.76343	1.76343	0.000190453	0.520947	-1.91958	0.172538	0.860237	-1.16247	0.783663	1.02895	1.02895		0.28832	1.1211	1.1211	4.20E-08	0.135023	-7.40616	0.0249009	0.758204	-1.31891	0.00704126	0.696812	-1.43511	15.7848	9.50025	0.151379	1
cg23985214	SOCS3	0.02424104	0.2794741	0.900241	-1.11081	0.645597	1.23897	1.23897	0.0329224	1.28641	1.28641	0.0791165	1.1997	1.19987	0.59081	1.05515	1.05515		0.309436	1.46448	1.46448	0.0315791	0.303725	-3.29245	0.00346687	10.269	10.269	0.748681	1.20971	1.20971	3.79215	20.8347	4.93841	1
cg02481139	SOCS3	0.00111338	0.0834387	1.56934	3.56934	0.0576036	0.603556	-1.65682	0.2132154	0.744948	-1.34238	0.0686146	0.6159309	0.0955381	1.53827	1.53827	0.261166	1.31696	1.31696	0.0621994	0.6310328	-1.63846	0.0998898	1.52814	1.52814	0.230552	0.743924	-1.34422	3.646	3.19404	0.7787101	1
cg19741455	SOCS4;SOCS4;SOCS4;SOCS4;WDHD1;W DHD1	0.01199886	0.5700223	1.15456	1.15456	0.3390558	1.2798	1.2798	0.136493	1.49425	1.49425	0.610156	1.13739	1.13739	0.0433842	1.78895	1.78895		0.0003991381	0.243216	-4.11157	0.357461	0.7890046	-1.26735	0.761007	1.07937	1.07937	0.946453	0.983325	-1.01696	5.57371	5.533	0.882396	1
cg01547033	SOCS4;SOCS4;WDHD1;WDHD1	0.0274679	0.05882663	1.67637	1.67637	0.405305	0.813736	-1.2289	0.00813197	2.27092	2.27092	0.387205	1.23932	1.23932	0.0332484	1.82662	1.82662		0.0195892	0.505204	-1.9794	0.788799	0.9370772	-1.06715	0.71706	0.915667	-1.0921	0.351573	0.79288	-1.26123	4.216215	3.9133	0.825038	1
cg19641958	SOCS5;SOCS5	0.00013106	0.006250095	0.600639	-1.66498	0.00291453	0.5570011	1.7953	0.2273284	0.8469366	-1.17735	0.010864	0.6328552	-1.58015	2.42E-05	0.3002216	-3.3094		0.0010518	0.773774	-1.29237	0.0182E-05	0.3112227	-3.21308	0.00605205	0.1707604	1.67008	0.00530045	0.591134	-1.69166	20.5477	6.05993	0.288108	1
cg18948788	SOCS5;SOCS5	0.00053613	0.979196	0.993027	-1.00702	0.00161956	3.36223	3.36223	0.0448426	1.85514	1.85514	0.00728736	2.53136	2.53136	0.000111809	0.161586	6.18864		0.568381	1.16734	1.16734	0.240507	0.71908	-1.39067	0.00250542	0.308551	3.08551	0.056395	1.560032	-1.78561	14.0163	15.9879	1.01392	1
cg27138002	SOCS5;SOCS5	0.00239602	0.00339061	0.51033	-1.95952	0.859535	0.970553	-1.03036	0.199883	0.795577	-1.25695	0.853722	1.03166	1.03166	0.000382068	0.383842	-2.60524		0.0394419	0.668775	-1.49527	0.0374283	0.2048115	1.86938	1.18698	0.0102163	1.727777	1.727777	0.623107	1.387499	0.4501459	1.38949	0.4109564	1.72477	1.72477	6.63197	1.43511	15.7848	2.22183	1
cg13095372	SOCS5;SOCS5	0.01136058	0.45842	1.10756	1.10756	0.2796456	1.23897	1.23897	0.0329224	1.28641	1.28641	0.0791165	1.1997	1.19987	0.59081	1.05515	1.05515		0.0666182	0.655721	-1.52542	0.0204044	0.4540596	2.2022E-06	0.434339	1.1799	1.1779	0.0207732	1.58452	1.58452	1.81449	0.5937294	0.5937294	1
cg03445404	SOCS5;SOCS5	0.01834696	0.0331075	0.806016	-1.24067	0.0488159	0.823034	-1.21502	0.00105918	0.657647	-1.52057	0.940877	1.00644	1.00644	0.691835	0.966103	-1.03509		0.780417	1.02449	1.02449	0.0791831	1.18377	1.18377	0.568165	1.0512	1.0512	0.642083	1.04135	1.04135	4.84367	0.5747096	0.1054844	1
cg09151680	SOCS5;SOCS5	0.02100959	0.44648	0.929019	-1.07634	0.726344	0.962277	-1.03383	0.0223157	1.23563	1.23563	0.29553	0.874664	1.01508	0.1411	0.412805	2.42284		0.309436	1.86448	1.86448	0.0715791	0.303725	-3.29245	0.00346687	10.269	10.269	0.748681	1.20971	1.20971	3.79215	20.8347	4.93841	1
cg06386533	SOCS5;SOCS5	0.0227772	0.729009	0.93565	1.07365	0.0212518	2.15624	1.51624	0.419542	1.13194	1.13194	0.31007	0.853798	1.09128	0.9805	0.980403	-1.01999		0.569327	1.09027	1.09027	0.00396087	0.4076156	-2.00185	0.0204129	0.0308	1.0308	0.849115	0.971785	-1.02903	4.50227	1.60944	0.317895	1
cg07894334	SOCS5;SOCS5	0.01238626	0.700427	1.30035	1.30035	0.170188	2.69773	2.69773	0.974191	0.9782162	-1.02222	0.160361	2.77005	2.77005	0.00376101	0.0701624	-14.2526		0.511526	0.636145	-1.57197	0.0137073	0.126106	-7.92987	0.665201	0.74395	-1.34418	0.1227727	0.321062	-3.11466	3.976591	29.0687	6.4972	1
cg25348050	SOCS7;SOCS7	0.04276501	0.6173834	1.12775	1.12775	0.2378883	2.38144	2.38144	0.570966	0.8388833	-1.12507	0.727165	1.37653	1.37653	0.0107407	0.719344	-1.39004		0.364171	1.21724	1.21724	0.2539115	0.8210492	2.04497	0.522617	1.144317	1.14637	0.665139	1.09602	1.09602	2.51936	0.6256267	1
cg27496793	SOCS5;SOCS5;SOCS5	0.021237	0.0550943	1.44277	1.44277	0.0319567	0.507395	-1.97085	0.0465654	1.45846	0.793825	0.956814	-1.04514	0.758198	0.949285	-1.05342			0.533811	0.899232	-1.11206	0.0462784	0.8396433	1.64598	0.463925	0.9503399	-1.05219	0.0505123	0.6868438	-1.45595	4.609332	2.07394	0.399951	1
cg26200141	SOCS6	0.00326354	0.197486	0.7107	1.4085	0.0292143	0.584291	-1.71148	0.0384866	1.68596	1.68596	0.0218217	1.86382	1.86382	0.0148579	1.74927	1.74927		0.0095615	0.7833	-1.27662	0.0253879	0.6507754	-1.54151	0.3060	0.6538914	1.52953	-1.38504	0.6038914	1.65753	1.65753	1.64099	0.9253809	0.2881008	1
cg13738652	SOCS6	0.00739477	0.0172245	0.450124	-2.22161	0.0371449	0.513988	-1.94557	0.353913	0.769246	-1.29997	0.293447	1.34954	1.34954	0.0032007	0.330589	3.0249		0.0918122	0.600166	-1.66621	0.000727974	0.24339	-4.10863	0.0163098	0.4458844	-2.24294	0.282141	0.735339	-1.35992	6.502771	7.79184	1.06511	1
cg13360215	SOCS6	0.01587981	0.0158798	0.58211	1.57076	0.967587	0.10132	1.01032	0.00430996	0.381262	-2.62287	0.0490047	1.76448	1.76448	0.361551	0.789019	-1.2674		0.224778	1.3801	1.3801	0.0507334	1.754491	1.75491	0.00632244	2.4556	2.4556	0.866279	0.958314	-1.0435	5.08372	5.11965	0.898667	1
cg00457944	SOCS6	0.01565646	0.237852	0.832932	1.20048	0.0852104	1.54384	1.54384	0.0135959	0.6223352	1.28371	1.28371	0.0484913	1.82808	1.23808	0.964433	1.23032		0.0030976	1.64868	1.64868	0.2899941	1.10998	1.10998	0.0270933	1.29539	1.29539	0.0954439	1.18988	1.18988	4.31818	0.616961	0.127	1
cg00474194	SOCS6	0.02728316	0.684371	1.16028	1.16028	0.452973	1.32136	1.32136	0.00898105	0.2849513	-3.50935	0.368416	1.40095	1.40095	0.308686	1.46955	1.46955		0.0959216	1.96284	1.96284	0.00642693	0.260658	-3.83645	0.108231	0.5243161	-1.90708	0.517768	1.26977	1.26977	4.66636	9.55729	1.59299	1
cg11890453	SOCS6	0.04615125	0.4670027	1.12605	1.12605	0.3647258	1.23298	1.23298	0.0128245	0.6464554	-1.5469	0.6172621	1.466377	1.466377	0.0124666	1.80255	1.80255		0.3747247	1.2222	1.2222	0.0464886	0.8185617	1.81617	1.81617	0.0045806	2.82386	2.82386	0.167024	1.643301	1.64301	0.88332	0.598332	1.82683	1.82683	6.59332	1.62836	0.598332	1
cg02937763	SOCS7	0.00022299	0.00227178	0.25126	-3.97995	0.0265345	0.26055	-3.83803	0.86245	0.945441	-1.05771	0.784661	0.9151598	-1.09266	0.46756	1.27017	1.27017		0.0022743	0.251336	-3.97873	7.21E-06	0.0405673	-24.6504	0.0885352	0.83657	1.83657	0.00901921	0.341627	-2.92717	17.8362	29.5677	1.47354	1
cg02741359	SOCS7	0.00075813	0.52534	0.943297	-1.06011	0.125306	1.16239	1.16239	0.783849	0.975369	-1.02525	0.422517	0.9283387	-1.07714	0.439451	0.930981	-1.07414		0.977725	1.00254	1.00254	9.48E-06	0.420549	-2.37785	0.0775991	1.19472	1.19472	0.4778426	1.06764	1.06764	12.7229	1.65761	0.115809	1
cg27527796	SOCS7	0.00302786	0.06539075	1.34349	1.34349	0.0599415	0.7474315	-1.13755	0.0731809	0.7474315	-1.33784	0.0744648	0.7206321	-1.38749	0.0425944	0.802551	-1.24585		0.0012329	0.509386	-1.96315	0.0048659	0.458172	-2.18259	0.807829	0.1054	1.0354	0.5904671	0.925371	-1.08065	8.594568	2.72598	0.288031	1
cg21521212	SOCS7	0.0124637	0.496568	1.20217	1.20217	0.435377	0.808742	-1.23649	0.277134	0.7937193	-1.35187	0.28451	0.743384	-1.3452	0.494035	0.831044	1.20331		0.258043	0.739933	-1.36999	0.00138019	0.172452	-5.7987	0.389224	0.745696	-1.34103	0.315214	0.75805	-1.31917	5.50525	6.20338	1.00161	1
cg01144525	SOCS7	0.00407231	0.923773	1.08307	1.08307	0.745687	0.869314	-1.15048	0.00128	0.451959	-2.21348	0.275138	0.9007955	-1.11025	0.0007	0.577977	1.73014		0.0658479	0.58298	-1.71533	0.0019705	0.130379	-7.66955	0.0903531	1.00814	1.00814	0.9982124	1.00031	1.00031	0.0252114	4.44168	4.77358	0.852062	1
cg01496491	SOCS7	0.02635312	0.0428105	1.24598	1.24598	0.00281556	1.47428	1.47428	0.0144164	1.32905	1.32905	0.417455	0.924813	-1.0813	0.661832	0.959334	-1.04239		0.712389	0.965675	-1.03554	0.76856	1.02823	1.02823	0.159146	1.15251	1.15251	0.0385123	1.25371	1.25371	4.27785	0.6028553	0.125266	1
cg23480343	SOCS7	0.0477126	0.71547	0.878277	-1.13902	0.613049	1.19748	1.19748	0.0127284	1.37906	1.37906	0.0178055	1.66915	1.66915	0.0188883	1.92343	1.92343		0.827466	1.08122	1.08122	0.0857459	0.9332441	-1.07153	0.794443	1.10278	1.10278	0.548478	1.07626	1.07626	0.0475948	3.97626	7.562564	1.97626	1
cg16086310	SOCL1;SOD1	0.00038391	0.224229	0.761284	-1.31357	0.0100481	0.409527	-2.00189	0.03004	0.57974	-1.72491	2.87E-05	0.172893	-5.78393	0.0163137	0.534084	-1.87236		0.0264246	0.569893	-1.75471	0.0015745	0.263711	3.79377	0.0653571	0.2631	1.31186	1.31186	0.116277	1.4397	1.43977	15.3731	1.26153	0.642493	1
cg18126791	SOD1;SOD1	0.00203707	0.0407464	1.8564	1.8564	0.000311881	0.216254	-4.6242	0.0590952	0.5722158	-1.74746	0.00839632	0.414048	-2.41518	0.0787784	1.66738	1.66738		0.496585	1.19816	1.19816	0.752928	1.08622	1.08622	0.35647	0.7800556	-1.28196	0.00194503	0.317324	-3.15135	0.59042	10.4181	0.965599	1
cg11439096	SOD2;SOD2;SOD2;SOD2	0.00703095	0.8751882	1.16888	1.16888	0.1155194	1.33514	1.33514	0.0178762	1.3940372	-1.06341	0.148664	1.20679	1.20679	0.0210899	0.484833	-2.06469		0.452974	1.13771	1.13771	0.0548347	1.0495477	1.01826	0.0178237	1.555594	1.555594	7	0.674237	2.09015	2.09015	0.40092	0.40092	1	
cg27624424	SOD2;SOD2;SOD2	0.02226516	0.138978	0.325495	-3.07224	0.0444201	0.196521	-5.08851	0.000631863	0.0246897	-40.5027	0.583771	0.6768074	-1.47753	0.2689113	0.4441195	-2.25126		0.0729025	0.244165	-4.09559	0.0276387	0.195576	-6.2666	0.0502712	0.207456	-4.8203	0.204879	0.38955	-2.56706	4.53522	35.6768	6.99253	1
cg01113468	SOD2;SOD2;SOD2;SOD2;SOD2;SOD2	0.0205294	0.90934	1.03475	1.02495	0.0123133	1.56265	1.96265	0.90989	1.0248	1.0248	0.318016	0.805692	-1.24117	0.27496	1.27856	1.27856		0.157737	0.72126	1.38655	0.00456954	1.24441	1.24441	0.0251427	1.77918	1.77918	0.0170944	1.87559	1.87559	4.69293	3.45202	0.659007	1
cg13096007	SOD3	8.21E-06	0.0014412	0.282114	-5.44407	3.61E-06	19.726	19.726	0.2021617	2.13361	2.13361	0.004544	2.82505	2.82505	2.74E-06	0.0674739	14.8206		0.0121359	0.423605	-2.36069	0.329632	1.31838	1.31838	0.4766	1.02186	1.02186	0.40611	0.652726	1.31852	1.31852	4.62667	1.51049	1.06264	1
cg16170614	SOD3	0.00013138	0.00866067	0.4139665	-2.41566	1.48E-05	10.6966	10.6966	0.2484663	1.37412	1.37412	0.18807	1.44429	1.44429	0.0118321	0.43679	-2.28943		0.248853	0.727841	-1.37393	0.115026	1.57089	1.57089	0.00110511	0.1664458	-6.00752	0.819619	0.941578	-1.06205	20.4944	22.546	0.977872	1
cg00760585	SOD3	0.00281454	0.0178687	0.8014	1.24728	0.0158728	2.54378	2.54378	0.1573517	1.60724	1.60724	0.0364628	2.01364	2.01364	0.0076934	1.76894	1.76894		0.535974	0.814343	-1.22787	0.0708242	0.6759394	1.48463	0.0058142	1.2605	1.2605	0.014524	2.68213	2.68213	8.72159	3.52192	1.51166	1
cg02891686	SOD3	0.00741897	0.0235807	3.42917	3.42917	0.0365911	3.02581	3.02581	0.23879	1.75481	1.75481	0.0402721	2.94472	2.94472	0.00578148	5.19764	5.19764		0.406918	1.47212	1.47212	0.000632624	10.9509	10.9509	0.00611098	5.10982	5.10982	0.0106764	4.31858	4.31858	4.49607	21.3754	2.9249	1
cg17573292	SOD3	0.00295375	0.155631	1.43797	1.43797	0.0356254	0.8116	0.82116	0.442252	1.07906	1.07906	0.111989	1.042	1.042	0.0197428	0.55882	0.55882		0.1223885	1.30171	1.30171	0.00682908	1.56427	1.56427	0.0042942	2.61962	2.61962	0.0067533	2.64527	2.64527	6.42042	56.8716	12.3816	1
cg14393817	SOHLH1;SOHLH1	0.00655746	0.671279	1.25961	1.25961	0.774312	0.85602	-1.1682	0.0415005	0.280503	-3.56501	0.285706	0.549046	-1.82134	0.0011903	0.0766043	-13.0541		0.397354	1.59779	1.59779	0.000489414	0.0521413	-19.1786	0.0830626	1.12281	1.12281	0.229472	1.505667	-1.97759	6.75091	31.2639	4.11651	1
cg14159004	SOHLH1;SOHLH1	0.01132069	0.0179706	0.443176	-2.25644	0.134033	0.632942	-1.57992	0.10188	0.602411	-1.66	0.0498661	0.530945	-1.88343	0.0006882	0.230633	-4.33589		0.2374693	1.41945	1.41945	0.0373413	0.5046519	-1.98169	0.754181	0.914928	-1.09298	0.0669137	0.559136	-1.78848	5.4022	6.85451	1.12786	1
cg14413996	SOHLH1;SOHLH1	0.00242581	0.447857	0.907647	-1.10195	0.0231798	1.4174	1.4174	0.470256	0.9596336	-1.04217	0.0963036	1.096361	1.096361	0.484475	1.10693	1.10693		0.827466	1.08122	1.08122	0.0857459	0.9332441	-1.07153	0.794443	1.10278	1.10278	0.548478	1.07626	1.07626	0.0475948	3.97626	7.562564	1.97626	1
cg08092830	SOHLH1;SOHLH1	0.02752511	0.101085	0.664419	-1.50507	0.0159054	0.604329	-1.65473	0.0249591	0.544721	-1.8358	0.122882	1.46318	1.46318	0.0014503	0.856113	-1.16807		0.0128864	2.01994	2.01994	0.173685	0.7792229	-1.39039	0.0178985	0.503889	0.08195	0.644762	-1.55096	4.21307	3.45954	0.729907	1
cg00332421	SOHLH1;SOHLH1	0.00302524	0.6315312	1.08466	1.08466	0.3229136	1.92321	1.92321	0.1253	0.8402972	-1.18916	0.0496316	1.240437	1.02885153	0.4682404	1.13202	1.13202		0.3752123	1.23023	1.23023	0.0276564	1.46509	1.46509	0.0048264	2.15012	2.15012	0.0191875	1.97452	1.97452	4.29229	3.54193	0.8268	1
cg13814664	SOHLH2	0.00039922	0.108467	0.836233	-1.19584	0.00011038	0.499064	-2.00375	0.362481	0.908823	-1.10032	0.090767	1.20965	1.20965	0.137856	0.849416	1.17728		0.007449	1.42191	1.42191	0.000147472	1.94773	1.94773	0.041272	1.27184	1.27184	0.931208	1.00886	1.00886	15.2084	2.51305	0.146881	1
cg15291090	SOHLH2	0.00124895	0.962886	1.01122	1.01122	0.0254225	0.528885	-1.89077	2.21E-05	0.129721	-7.70888	0.459191	0.847207	-1.18035	0.790193	0.938114	-1.06597		0.361109	1.25249	1.25249	0.0243114	1.90358	1.90358	0.07996	1.00604	1.00604	0.630066	0.89014	-1.12342	11.0449	10.0595	0.809583	1
cg09805172	SOHLH2;SOHLH2	0.02494449	0.5363197	1.23589	1.23589	0.3010104	1.8276	1.8276	0.2376919	0.8810404	-1.46842	0.1750135	1.607574	1.607574	0.0197357	1.40224	1.40224		0.3887098	1.14812	1.14812	0.1913216	1.13795	1.13795	0.0295818	1.97444	1.97444	0.1297871	1.73936	1.73936	4.58258	7.89981	1.61035	1
cg18545283	SOHLH2	0.02674998	0.5696616	1.32403	1.32403	0.582146	1.31184	1.31184	0.199007	0.5153691	-1.94036	0.986518	0.991781	-1.00829	0.62366	1.27322	1.27322		0.856143	1.09268	1.09268	0.000454202	0.0673051	-14.8577	0.262193	0.56495	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23563443	SORBS3	1.60E-05	0.138184	1.4551	1.4551	2.86E-05	6.90106	6.90106	0.182535	1.3943	1.3943	0.00651889	2.29481	2.29481	0.0508519	1.68658	1.68658	0.000348791	3.86143	3.86143	3.91E-07	30.2568	30.2568	5.35E-05	5.87607	5.87607	0.00478782	2.41036	2.41036	35.9014	31.3919	0.777236	1
cg23560755	SORBS3	2.32E-05	0.252956	0.69541	-1.438	0.0890487	1.7692	1.7692	0.000105943	8.02234	8.02234	0.513987	0.817627	-1.22305	0.316989	0.730003	-1.36986	0.0292231	0.457669	-2.18498	0.0609085	0.525888	-1.90154	5.20E-07	70.4741	70.4741	0.760357	0.91113	-1.09754	32.5754	47.7502	1.30297	1
cg03601354	SORBS3	8.17E-05	0.927362	0.980933	-1.01944	0.000218347	3.67437	3.67437	0.911995	1.02362	1.02362	0.881662	1.03195	1.03195	0.59287	1.12069	1.12069	0.00117461	2.73277	2.73277	1.42E-06	13.3628	13.3628	0.469168	1.16822	1.16822	0.759796	1.06689	1.06689	23.3686	16.4973	0.627519	1
cg13951572	SORBS3	0.000155309	0.688533	0.834599	-1.19818	0.00064957	10.4487	10.4487	0.839632	1.09518	1.09518	0.131253	0.481374	-2.07739	0.124354	2.10987	2.10987	0.0015707	7.67316	7.67316	3.27E-06	139.34	139.34	0.22677	1.76727	1.76727	0.996353	0.997951	-1.00205	19.6716	62.7276	2.83444	1
cg20365580	SORBS3	0.000709024	0.00508086	0.465038	-2.15036	0.711309	0.92603	-1.07988	0.00107472	0.368423	-2.71427	0.00119568	0.374737	-2.66854	0.00838452	0.498472	-2.00613	0.112724	0.699834	-1.42891	0.000119773	0.24901	-4.0159	0.94517	1.01432	1.01432	0.000337807	0.302897	-3.30145	12.9643	8.77454	0.60162	1
cg03572859	SORBS3	0.00109084	0.413294	0.651024	-1.53604	0.0231975	4.02561	4.02561	0.104126	2.4888	2.4888	0.257429	1.834	1.834	0.467995	1.46075	1.46075	0.0269059	3.83794	3.83794	1.27E-05	111.353	111.353	0.998997	0.999355	-1.00065	0.893601	1.07108	1.07108	11.4796	47.8785	3.70735	1
cg18530251	SORBS3	0.00117657	0.847521	1.1163	1.1163	0.0983464	2.81813	2.81813	0.587077	0.730967	-1.36805	0.933169	0.953197	-1.0491	0.871195	0.911431	-1.09718	0.059418	3.37402	3.37402	1.12E-05	208.521	208.521	0.481139	1.50568	1.50568	0.575106	1.3822	1.3822	11.2348	58.1183	4.59827	1
cg07459525	SORBS3	0.00136746	0.271544	0.763624	-1.30954	0.0508131	1.68918	1.68918	0.0507838	0.591955	-1.68932	0.736798	1.08272	1.08272	0.530144	0.860847	-1.16165	0.000650416	3.42756	3.42756	8.65E-05	5.25822	5.25822	0.934669	1.0195	1.0195	0.292153	1.2937	1.2937	10.7619	9.46163	0.781491	1
cg07896312	SORBS3	0.00152898	0.689216	0.774189	-1.29167	0.0402912	4.51922	4.51922	0.744456	0.812015	-1.2315	0.473662	1.59037	1.59037	0.961506	1.0312	1.0312	0.000206774	52.2405	52.2405	0.000183803	55.9553	55.9553	0.0811728	0.292025	-3.42437	0.999649	0.99972	-1.00028	10.422	66.9055	5.70636	1
cg25475538	SORBS3	0.00492883	0.96797	1.0084	1.0084	0.00110822	0.367408	-2.72177	0.893987	1.02816	1.02816	0.26484	0.784988	-1.27391	0.000358885	0.303403	-3.29594	0.589155	0.892629	-1.12029	0.703391	1.08295	1.08295	0.0791601	1.50085	1.50085	0.878026	0.968513	-1.03251	7.37077	5.06598	0.610939	1
cg17142470	SORBS3	0.00832978	0.310865	0.532117	-1.87929	0.155332	2.49652	2.49652	0.283031	1.95649	1.95649	0.33319	1.82324	1.82324	0.311512	1.87759	1.87759	0.121746	2.74377	2.74377	0.000226426	40.0074	40.0074	0.0433469	0.247049	-4.04777	0.616747	1.35473	1.35473	6.26391	35.916	5.09671	1
cg13198489	SORBS3	0.0120091	0.824368	0.859618	-1.16331	0.0764925	3.82298	3.82298	0.00895326	9.60745	9.60745	0.293606	2.09887	2.09887	0.236377	0.429828	-2.32651	0.995231	0.995941	-1.00408	0.553648	0.665143	-1.50344	0.000489669	41.1466	41.1466	0.827588	1.16002	1.16002	5.57212	40.8722	6.52011	1
cg12062198	SORBS3	0.0128813	0.677209	0.775529	-1.28944	0.163138	2.46927	2.46927	0.0491308	3.91123	3.91123	0.472431	0.64159	-1.55863	0.59735	0.723468	-1.38223	0.6692	0.770288	-1.29822	0.293796	0.516195	-1.93725	0.000319669	34.3818	34.3818	0.380214	1.72737	1.72737	5.44644	31.8083	5.19129	1
cg20568227	SORBS3;SORBS3	2.53E-05	0.896449	1.04157	1.04157	0.00140518	4.24864	4.24864	0.184811	1.55255	1.55255	0.587538	0.842576	-1.18684	0.435157	0.779551	-1.28279	0.000274894	6.44602	6.44602	3.28E-07	103.914	103.914	0.842426	1.06423	1.06423	0.764217	1.09865	1.09865	31.8632	49.3671	1.37719	1
cg22321237	SORBS3;SORBS3	0.000220958	0.514353	1.46592	1.46592	0.012885	5.96571	5.96571	0.133864	2.54758	2.54758	0.991181	1.00641	1.00641	0.559315	1.40707	1.40707	0.00350576	9.88107	9.88107	2.32E-06	778.033	778.033	0.71031	0.805888	-1.24087	0.81581	1.1445	1.1445	17.8809	94.7479	4.71008	1
cg07469555	SORBS3;SORBS3	0.0050586	0.00703335	0.0478521	-20.8977	0.165834	0.275493	-3.62986	0.035043	8.52032	8.52032	0.382836	0.458084	-2.183	0.00305477	0.029034	-34.4424	0.769624	0.773997	-1.29199	0.000824702	0.0123416	-81.0269	0.0745852	0.176796	-5.65623	0.0610127	0.158516	-6.30852	7.31253	88.1357	10.7135	1
cg19675778	SORBS3;SORBS3	0.00716231	0.0297902	0.195731	-5.10906	0.221503	2.26965	2.26965	0.622363	1.37249	1.37249	0.301024	0.504847	-1.9808	0.00426065	0.0872191	-11.4654	0.671243	0.761619	-1.31299	0.000385594	0.0269852	-37.0574	0.0513881	0.242992	-4.11536	0.281769	0.489944	-2.04105	6.56797	42.3177	5.72715	1
cg24805258	SORBS3;SORBS3	0.0307738	0.0183741	0.12858	-7.77727	0.0742481	0.240246	-4.16241	0.578549	1.49528	1.49528	0.66722	0.733356	-1.36359	0.026151	0.150803	-6.63118	0.762346	1.24289	1.24289	0.00283227	0.0524823	-19.054	0.0745003	0.24061	-4.1561	0.169175	0.349886	-2.85807	4.04998	32.9702	7.2363	1
cg15316206	SORBS3;SORBS3	0.0372598	0.01423	0.198101	-5.04792	0.289145	0.554835	-1.80234	0.920983	1.05456	1.05456	0.225083	0.505525	-1.97814	0.00460336	0.132783	-7.5311	0.448457	0.661283	-1.51221	0.0121325	0.187509	-5.33308	0.0677909	0.334435	-2.99012	0.06867	0.335875	-2.97729	3.78021	17.1609	4.03526	1
cg21291431	SORBS3;SORBS3	0.0375842	0.3676	0.823957	-1.21365	0.909365	0.976455	-1.02411	0.397595	0.834251	-1.19868	0.596664	0.894276	-1.11822	0.209095	0.758046	-1.31918	0.0462333	0.620144	-1.61253	0.000993585	0.359384	-2.78254	0.249236	1.28655	1.28655	0.570019	0.886825	-1.12762	3.76826	2.6125	0.616259	1
cg07924703	SORBS3;SORBS3	0.0406754	0.0349777	0.0948254	-10.5457	0.114994	0.193373	-5.17135	0.242342	3.23211	3.23211	?	?	?	0.0112733	0.0476822	-20.9722	0.84407	0.827951	-1.2078	0.0183485	0.0643232	-15.5465	0.2281	0.297337	-3.36318	0.0788016	0.153907	-6.49741	3.71773	48.1086	12.9403	1
cg04394254	SORBS3;SORBS3	0.0442288	0.0324042	0.183086	-5.46191	0.644961	0.730151	-1.36958	0.612267	1.41405	1.41405	0.692137	0.763558	-1.30966	0.0397376	0.19954	-5.01152	0.658392	0.739624	-1.35204	0.00284367	0.061754	-16.1933	0.0469578	0.214071	-4.67135	0.137314	0.337972	-2.95882	3.54839	25.8218	6.46849	1
cg24403845	SORCS1;SORCS1	1.18E-05	0.0624737	1.45326	1.45326	0.418272	1.15889	1.15889	0.00232061	2.13492	2.13492	0.00379615	0.498512	-2.00597	0.00963341	0.557568	-1.7935	3.15E-07	0.069946	-14.2967	0.00196156	2.18209	2.18209	0.0186576	1.66255	1.66255	0.94138	0.986974	-1.0132	38.8603	19.5631	0.447486	1
cg11235663	SORCS1;SORCS1	0.000530467	0.217423	0.879559	-1.13693	0.000198388	0.538892	-1.85566	0.00955802	1.38342	1.38342	0.000186749	0.535944	-1.86587	0.0255776	1.29996	1.29996	0.015805	0.74645	-1.33967	0.0108892	0.728952	-1.37183	0.467363	0.929472	-1.07588	0.0424163	0.793623	-1.26004	14.0577	2.17768	0.137697	1
cg11097433	SORCS1;SORCS1	0.000717616	0.103679	0.84505	-1.18336	0.656293	0.958508	-1.04329	0.189744	1.14043	1.14043	0.0267741	0.780168	-1.28178	0.00192584	0.660114	-1.51489	0.000230199	0.560652	-1.78364	0.0615557	0.819355	-1.22047	0.00070744	1.62942	1.62942	0.108918	1.17987	1.17987	12.9206	1.83166	0.126011	1
cg06789677	SORCS1;SORCS1	0.00315848	0.00575254	0.468522	-2.13437	0.078891	0.664491	-1.50491	0.297625	0.797576	-1.2538	0.0181308	0.548216	-1.8241	0.00862562	0.495811	-2.0169	0.000123374	0.245909	-4.06654	0.144777	0.720305	-1.3883	0.676859	0.91595	-1.09176	0.00392119	0.443444	-2.25507	8.42817	5.85726	0.617744	1
cg04844038	SORCS1;SORCS1	0.0082796	0.0525722	0.401975	-2.48772	0.20076	0.571899	-1.74856	0.0628805	0.420903	-2.37585	0.11839	0.496064	-2.01587	0.0700364	0.432746	-2.31082	0.0695698	0.432002	-2.31481	0.000258651	0.0832372	-12.0139	0.201595	1.74655	1.74655	0.024895	0.331575	-3.01591	6.27586	16.9966	2.40733	1
cg16415058	SORCS1;SORCS1	0.0128913	0.224112	0.856587	-1.16742	0.00762484	0.659784	-1.51565	0.302558	0.878575	-1.13821	0.686945	1.05033	1.05033	0.0995756	0.803488	-1.24457	0.00693062	1.52737	1.52737	0.133678	0.821949	-1.21662	0.149486	1.20603	1.20603	0.0317239	1.35691	1.35691	5.44505	1.26706	0.206844	1
cg26554592	SORCS1;SORCS1	0.015388	0.419419	0.918642	-1.08856	0.821166	0.976981	-1.02356	0.0228846	0.755762	-1.32317	0.118738	0.840138	-1.19028	0.0305304	1.29882	1.29882	0.509898	1.07118	1.07118	0.0595865	0.803569	-1.24445	0.31274	0.898161	-1.11339	0.00350773	1.50276	1.50276	5.13708	0.860807	0.148949	1
cg20363199	SORCS1;SORCS1	0.0189076	0.769939	0.95557	-1.0465	0.000265404	0.395286	-2.52981	0.566625	0.914145	-1.09392	0.29083	0.843767	-1.18516	0.445435	0.886438	-1.12811	0.435518	1.13122	1.13122	0.326586	0.854739	-1.16995	0.84723	0.970552	-1.03034	0.0934289	0.751298	-1.33103	4.79496	1.82388	0.338111	1
cg18515303	SORCS1;SORCS1	0.027725	0.0961622	0.525882	-1.90157	0.00932719	0.313478	-3.19002	0.0349031	0.421142	-2.3745	0.1071	1.8566	1.8566	0.0336181	0.417696	-2.39409	0.275127	1.49092	1.49092	0.0653836	0.483079	-2.07006	0.457567	1.30487	1.30487	0.226842	0.639969	-1.56258	4.20236	8.23551	1.74199	1
cg13563903	SORCS1;SORCS1	0.0344037	0.040081	0.725923	-1.37756	0.0109432	0.649749	-1.53906	0.461374	0.903712	-1.10655	0.10592	0.787857	-1.26927	0.9213	1.01343	1.01343	0.856863	0.975918	-1.02468	0.00955683	1.55752	1.55752	0.634992	1.0667	1.0667	0.839485	1.02776	1.02776	3.89123	1.12345	0.256635	1
cg17394237	SORCS2	6.00E-07	0.874844	1.01858	1.01858	0.0171858	1.40379	1.40379	0.0032669	0.626002	-1.59744	0.000593809	1.85787	1.85787	2.30E-06	0.260196	-3.84325	0.000696592	0.546469	-1.82993	1.77E-08	0.0807328	-12.3865	0.610041	1.06193	1.06193	8.47E-05	0.43806	-2.28279	83.5411	18.0552	0.19211	1
cg17254961	SORCS2	1.63E-06	0.523614	1.09019	1.09019	0.378048	0.886188	-1.12843	2.10E-07	0.122509	-8.16264	0.374036	0.885237	-1.12964	1.54E-06	0.197262	-5.06941	4.18E-06	0.241019	-4.14905	7.28E-05	0.381229	-2.6231	0.14632	0.811951	-1.2316	2.79E-06	0.222925	-4.48582	64.776	18.3093	0.251249	1
cg10444491	SORCS2	2.59E-06	0.373166	1.18562	1.18562	0.0257472	1.6376	1.6376	0.00237766	0.454307	-2.20115	0.00115758	0.41111	-2.43244	0.000159207	0.300555	-3.32717	0.00733426	0.525331	-1.90356	3.47E-08	0.0251067	-39.8301	0.119835	1.36929	1.36929	0.00137552	0.421315	-2.37352	57.4792	31.5748	0.488288	1
cg05768565	SORCS2	5.55E-06	0.0870012	0.722504	-1.38408	0.0343947	0.654182	-1.52863	7.92E-05	0.293206	-3.41057	0.0206446	1.61505	1.61505	1.66E-05	0.218204	-4.58287	0.0988618	1.36507	1.36507	2.27E-07	0.0687801	-14.5391	0.0091448	0.56588	-1.76716	6.31E-05	0.281795	-3.54868	47.2417	22.1297	0.416387	1
cg26358950	SORCS2	9.92E-06	0.000353831	0.388989	-2.57077	0.271352	0.828246	-1.20737	0.0741154	1.38753	1.38753	0.0101101	0.586244	-1.70578	0.0912491	0.736317	-1.35811	0.00982485	0.584443	-1.71103	2.49E-07	0.0796354	-12.5572	1.00E-05	0.210097	-4.7597	0.00127414	0.461457	-2.16705	40.6554	17.4378	0.38126	1
cg25041852	SORCS2	1.66E-05	0.0553567	0.680664	-1.46915	0.0640172	0.691646	-1.44583	0.00472646	0.514398	-1.94402	0.627765	0.917095	-1.0904	7.14E-06	0.17255	-5.79541	6.49E-05	0.272664	-3.66752	1.78E-06	0.121171	-8.25279	0.145209	0.758003	-1.31926	1.58E-05	0.206266	-4.8481	35.5752	17.6762	0.441661	1
cg18574219	SORCS2	2.94E-05	5.21E-06	0.199983	-5.00043	0.000554734	0.434388	-2.30209	6.98E-06	0.212647	-4.70264	0.137331	0.779571	-1.28276	0.89268	1.02123	1.02123	0.10442	0.75866	-1.31811	0.817903	1.03654	1.03654	0.285497	0.841463	-1.18841	2.18E-05	0.265179	-3.77103	30.6165	11.7408	0.340872	1
cg10664842	SORCS2	3.54E-05	0.918799	1.00964	1.00964	0.00030052	1.7384	1.7384	0.135727	0.859661	-1.16325	0.040859	1.24857	1.24857	0.000346765	0.582019	-1.71816	0.0447141	0.805145	-1.24201	3.04E-06	2.84274	2.84274	0.000816984	1.60722	1.60722	0.190179	0.877667	-1.13938	29.163	4.08549	0.124526	1
cg00387964	SORCS2	6.64E-05	0.00339784	0.332333	-3.00903	0.353091	0.767717	-1.30256	4.69E-05	0.1196	-8.36121	0.016103	0.442776	-2.25848	0.00475242	0.354433	-2.82141	0.325127	0.75496	-1.32457	1.75E-06	0.0367573	-27.2055	0.453251	1.23537	1.23537	0.00425814	0.347103	-2.88099	24.6973	29.9357	1.07742	1
cg10525642	SORCS2	8.30E-05	0.000818775	0.41958	-2.38334	0.00781538	1.80028	1.80028	0.527707	0.895673	-1.11648	0.120279	0.748116	-1.33669	0.000499146	0.391484	-2.55438	0.453773	0.876858	-1.14044	2.53E-06	0.140899	-7.09728	0.264954	1.22148	1.22148	0.326097	0.839797	-1.19076	23.2668	10.927	0.417457	1
cg24564096	SORCS2	0.000119276	0.012013	0.429628	-2.32759	0.00244023	0.320676	-3.11842	0.00126042	0.280983	-3.55894	0.0127232	0.433946	-2.30444	0.000208472	0.187591	-5.33074	0.00574624	0.376743	-2.65433	2.71E-06	0.0477762	-20.9309	0.0560293	0.557867	-1.79254	0.00168363	0.298009	-3.3556	21.1193	24.3219	1.02368	1
cg10365246	SORCS2	0.000177116	0.00743829	0.565167	-1.76939	9.84E-05	3.14263	3.14263	0.00673911	0.559043	-1.78877	0.0939094	0.737187	-1.35651	0.916215	1.01757	1.01757	0.869356	1.02762	1.02762	5.13E-05	0.285003	-3.50873	0.0316953	0.659081	-1.51726	0.00183005	0.480486	-2.08123	18.9857	8.23993	0.385783	1
cg20170110	SORCS2	0.000280013	0.00127596	0.590277	-1.69412	0.0109275	0.698782	-1.43106	0.522152	0.9298	-1.0755	0.02315	1.35615	1.35615	0.0492928	0.777423	-1.2863	0.0018776	0.609771	-1.63996	0.000147015	2.08057	2.08057	0.000865501	0.57066	-1.75236	0.0489064	0.776997	-1.28701	16.7632	3.34235	0.177232	1
cg08958424	SORCS2	0.000282542	0.0261866	0.708744	-1.41095	0.00093643	1.90485	1.90485	0.176811	0.829134	-1.20608	0.514299	0.917309	-1.09015	0.339282	1.13717	1.13717	0.850014	0.975596	-1.02501	1.50E-05	0.309935	-3.22648	0.00148825	0.549927	-1.81842	0.287149	0.865679	-1.15516	16.7221	4.51099	0.239789	1
cg07695269	SORCS2	0.000285853	0.0944125	0.693825	-1.44129	0.127882	0.720897	-1.38716	0.00280479	0.441012	-2.26751	0.00884024	0.515489	-1.9399	0.000789396	0.364763	-2.74151	0.167788	0.746554	-1.33949	4.85E-06	0.125403	-7.97428	0.435028	0.853552	-1.17157	0.00553863	0.484478	-2.06408	16.6689	10.4351	0.556464	1
cg08775211	SORCS2	0.000300508	0.658227	0.880318	-1.13595	0.194009	1.48211	1.48211	0.467964	0.809405	-1.23547	0.780432	0.923102	-1.0833	0.00390975	0.32886	-3.0408	0.387745	1.2885	1.2885	3.90E-06	0.0460573	-21.7121	0.926572	1.02674	1.02674	0.0452088	0.517948	-1.93069	16.4425	21.3503	1.1542	1
cg00237268	SORCS2	0.000311318	0.0112474	0.395614	-2.52772	1.34E-05	0.0698717	-14.3119	0.0199179	0.440198	-2.27171	0.0465029	0.51386	-1.94606	0.000341145	0.185515	-5.39039	0.020435	0.442284	-2.26099	0.000316495	0.182021	-5.49389	0.0022238	0.286153	-3.49464	0.227796	0.690955	-1.44727	16.2842	21.9913	1.20042	1
cg01497434	SORCS2	0.000325686	0.750028	0.938574	-1.06545	0.215388	0.77212	-1.29514	0.00030938	0.313172	-3.19314	0.863167	1.0348	1.0348	0.00235664	0.431079	-2.31976	0.333665	0.820564	-1.21867	4.05E-05	0.211431	-4.72968	0.00539369	0.483613	-2.06777	0.000121622	0.264252	-3.78427	16.084	10.0195	0.55373	1
cg13348530	SORCS2	0.000375605	0.0505719	0.526645	-1.89881	0.00731466	0.369611	-2.70555	0.00131957	0.260582	-3.83757	0.0328107	0.487421	-2.05161	0.00278328	0.305224	-3.27628	0.898987	0.964109	-1.03723	1.10E-05	0.0674938	-14.8162	0.0008677	0.237325	-4.21363	0.483539	0.814708	-1.22743	15.466	20.2893	1.1661	1
cg11278080	SORCS2	0.000403343	0.00318194	0.504319	-1.98287	0.0755015	0.714449	-1.39968	0.0049796	0.531679	-1.88083	0.37799	0.857516	-1.16616	0.00788093	0.56031	-1.78473	0.45581	0.878908	-1.13778	7.69E-06	0.188458	-5.30622	0.0124214	0.589351	-1.69678	0.00176682	0.469148	-2.13152	15.1654	6.93599	0.40654	1
cg23600311	SORCS2	0.000462099	0.084727	0.562759	-1.77696	0.0191556	0.425385	-2.35081	0.0423607	0.494104	-2.02386	0.275345	0.710204	-1.40805	8.23E-06	0.0531375	-18.8191	0.0036276	0.305156	-3.27702	0.223713	0.680139	-1.47029	0.0876199	0.566343	-1.76572	0.000559124	0.199118	-5.02215	14.6061	21.034	1.28007	1
cg23910743	SORCS2	0.00061078	0.0362962	0.681075	-1.46827	1.14E-05	4.34558	4.34558	0.201266	1.23734	1.23734	0.0846829	1.35107	1.35107	0.0294504	1.49876	1.49876	0.394743	0.871496	-1.14745	0.139765	0.778233	-1.28496	0.760893	1.04934	1.04934	0.0967689	1.33332	1.33332	13.5166	5.33026	0.350533	1
cg10437224	SORCS2	0.000625199	0.0709898	0.706351	-1.41573	0.0799053	1.39782	1.39782	0.0456208	0.673671	-1.4844	0.00381249	1.95897	1.95897	0.00580898	0.536521	-1.86386	0.192867	1.26809	1.26809	0.00329743	0.50161	-1.99358	0.000218639	2.89254	2.89254	0.0386899	1.51083	1.51083	13.4288	6.31738	0.418164	1
cg26349869	SORCS2	0.000635208	0.553881	0.891708	-1.12144	0.0317092	0.617537	-1.61934	0.00519579	0.49361	-2.02589	0.126945	0.729077	-1.3716	0.0624484	0.669396	-1.49388	0.0167536	0.57186	-1.74868	9.64E-06	0.161389	-6.19621	0.242214	1.264	1.264	0.0331582	0.620838	-1.61073	13.3694	7.75788	0.515798	1
cg21005218	SORCS2	0.000850839	0.594639	1.14414	1.14414	0.183232	1.42482	1.42482	0.0162074	0.478403	-2.09029	0.0830026	0.618021	-1.61807	0.0110292	0.449611	-2.22415	0.748965	0.92266	-1.08382	1.70E-05	0.109469	-9.13499	0.910702	0.972264	-1.02853	0.197663	1.40692	1.40692	12.3165	12.2615	0.884921	1
cg05089225	SORCS2	0.00112572	0.517119	0.862696	-1.15916	0.104454	1.49049	1.49049	0.0166063	0.517981	-1.93057	0.203372	0.739396	-1.35246	0.000856183	0.324267	-3.08387	0.0773164	0.643001	-1.55521	6.42E-05	0.191637	-5.2182	0.0917016	1.51826	1.51826	0.114421	0.679696	-1.47125	11.3772	9.11165	0.711886	1
cg11575234	SORCS2	0.00121024	0.969671	1.00379	1.00379	0.00311152	1.49584	1.49584	0.276405	0.89339	-1.11933	0.132544	1.17541	1.17541	0.249668	0.887102	-1.12727	0.259371	1.1243	1.1243	7.53E-05	0.489031	-2.04486	0.0198564	0.755789	-1.32312	0.0408488	0.790528	-1.26498	11.1447	1.75007	0.139583	1
cg03466779	SORCS2	0.00122026	0.0038036	0.550463	-1.81665	0.106211	0.763497	-1.30976	0.766706	1.04656	1.04656	0.000219643	0.389859	-2.56503	0.626261	0.927683	-1.07796	0.0238711	0.6621	-1.51035	0.000102762	0.349441	-2.86171	0.83458	1.0325	1.0325	0.506341	0.90201	-1.10863	11.1185	4.11951	0.329342	1
cg05492700	SORCS2	0.00124097	0.0068904	0.339856	-2.94242	0.0897629	0.561561	-1.78075	0.00537226	0.322727	-3.09859	0.337485	0.737069	-1.35672	0.00292328	0.283273	-3.53016	0.026273	0.443446	-2.25507	3.13E-05	0.0816542	-12.2468	0.0603238	0.520176	-1.92243	0.00917802	0.360349	-2.77509	11.0652	16.6809	1.34001	1
cg27304332	SORCS2	0.00134729	0.0274471	0.34043	-2.93746	7.16E-05	0.0503233	-19.8715	0.0295857	0.347091	-2.88109	0.580714	1.25919	1.25919	0.00924236	0.255431	-3.91495	0.0321024	0.354472	-2.82109	0.00165375	0.155646	-6.42483	0.00155675	0.152769	-6.54584	0.133435	0.512356	-1.95177	10.8079	29.2122	2.40255	1
cg07961637	SORCS2	0.00161186	0.0165375	0.414976	-2.40978	0.0302524	0.465207	-2.14958	0.00104187	0.232654	-4.29823	0.347716	0.747938	-1.33701	0.00035996	0.179231	-5.5794	0.00940168	0.371928	-2.68869	0.0006259	0.205984	-4.85474	0.932601	1.02573	1.02573	0.00376107	0.308867	-3.23763	10.2645	14.6695	1.27035	1
cg14383572	SORCS2	0.00175259	0.762652	0.912957	-1.09534	0.469478	1.24764	1.24764	0.977823	0.991678	-1.00839	0.659395	0.875152	-1.14266	0.0463682	0.503549	-1.98591	0.388539	1.30434	1.30434	1.95E-05	0.0739764	-13.5178	0.518379	0.821305	-1.21757	0.15059	0.62925	-1.58919	10.019	14.3441	1.27262	1
cg07725967	SORCS2	0.00190294	0.286564	0.561328	-1.78149	0.413734	1.5465	1.5465	0.00467547	0.140545	-7.11515	0.814557	0.884618	-1.13043	0.00473547	0.141188	-7.08277	0.00193114	0.101301	-9.87162	0.000111566	0.0288673	-34.6413	0.0904067	0.377726	-2.64742	0.0337323	0.274206	-3.64689	9.78252	42.1835	3.83301	1
cg11539924	SORCS2	0.00218772	0.742649	0.917839	-1.08952	0.416103	1.24143	1.24143	0.902778	1.03231	1.03231	0.159882	0.67655	-1.47809	0.300964	0.756636	-1.32164	0.112563	0.637962	-1.56749	2.32E-05	0.110712	-9.03246	0.17685	0.688299	-1.45286	0.0663895	0.585251	-1.70867	9.39266	10.0716	0.953139	1
cg08273995	SORCS2	0.00222616	0.0494298	0.470727	-2.12437	0.170004	0.611926	-1.63418	0.000705547	0.176424	-5.66815	0.380324	0.739035	-1.35312	0.00322118	0.259036	-3.86047	0.50333	0.795935	-1.25638	0.000108658	0.101093	-9.89192	0.610601	0.841494	-1.18836	0.817341	0.9252	-1.08085	9.3449	16.7134	1.58978	1
cg25961882	SORCS2	0.00231772	0.0483902	0.66148	-1.51176	0.000371632	0.35218	-2.83946	0.000581977	0.377316	-2.6503	0.0309907	0.628727	-1.59051	0.059331	1.4771	1.4771	0.134653	0.744118	-1.34387	0.00971833	0.54917	-1.82093	0.952995	0.989256	-1.01086	0.0872278	0.707502	-1.41342	9.23519	4.91111	0.472696	1
cg17367836	SORCS2	0.00239663	0.752547	1.0641	1.0641	0.308482	1.23003	1.23003	0.00103612	0.385071	-2.59692	0.535253	1.13126	1.13126	0.974184	1.00638	1.00638	0.577294	1.11694	1.11694	0.000126257	3.7099	3.7099	0.413265	1.17856	1.17856	0.717181	0.931041	-1.07407	9.14489	5.58783	0.543141	1
cg25091367	SORCS2	0.00260193	0.0525282	0.561812	-1.77996	0.748246	0.919223	-1.08788	0.0177786	0.470578	-2.12504	0.265416	1.35467	1.35467	0.00308198	0.346616	-2.88504	0.942014	0.981153	-1.01921	1.00E-04	0.164464	-6.08037	0.303295	1.32165	1.32165	0.395514	0.796443	-1.25558	8.92634	9.67173	0.963116	1
cg24378940	SORCS2	0.00263338	0.000175132	0.297173	-3.36505	0.0507229	0.654206	-1.52857	0.00802298	0.523353	-1.91076	0.941243	0.986047	-1.01415	0.00116996	0.403242	-2.4799	0.00400339	0.478446	-2.0901	0.153824	0.747482	-1.33782	0.455999	0.865266	-1.15571	0.0349495	0.625972	-1.59751	8.89476	5.11838	0.5115	1
cg19420930	SORCS2	0.00267482	0.167667	0.751899	-1.32997	0.044724	0.639669	-1.56331	0.000304179	0.320468	-3.12043	0.582299	0.897886	-1.11373	0.0129114	0.549656	-1.81932	0.103862	0.708339	-1.41175	0.000193492	0.296251	-3.37552	0.374772	0.83808	-1.1932	0.0316699	0.613588	-1.62976	8.85386	5.27209	0.529294	1
cg12710228	SORCS2	0.00273672	0.175522	1.53129	1.53129	0.550372	1.1957	1.1957	0.924246	0.972259	-1.02853	0.436812	1.26446	1.26446	0.020929	0.439579	-2.27491	0.302919	1.37116	1.37116	7.56E-05	0.119577	-8.36283	0.0874838	1.74721	1.74721	0.233841	0.691292	-1.44657	8.79422	12.1868	1.2318	1
cg11924683	SORCS2	0.00337231	0.051684	0.651484	-1.53496	0.0267712	1.66153	1.66153	0.0135263	0.553534	-1.80657	0.00196597	0.428895	-2.33157	0.00186594	0.425718	-2.34897	0.0110058	0.539446	-1.85375	0.138813	1.36113	1.36113	0.0903947	0.696941	-1.43484	0.364182	0.834907	-1.19774	8.26513	4.90117	0.527105	1
cg09408968	SORCS2	0.00339466	0.535675	0.928321	-1.07721	0.000141833	2.17786	2.17786	0.011047	0.685253	-1.45931	0.966359	1.00501	1.00501	0.43573	1.09889	1.09889	0.182438	0.845525	-1.1827	0.0606632	1.28506	1.28506	0.637591	0.945286	-1.05788	0.172389	0.841785	-1.18795	8.24884	1.83714	0.197969	1
cg21957905	SORCS2	0.00384676	0.187977	0.454113	-2.20209	0.0148566	0.183529	-5.44872	0.00221191	0.0883311	-11.321	0.718503	1.22729	1.22729	0.00194134	0.0836903	-11.9488	0.716179	0.813349	-1.22948	0.000367189	0.0396232	-25.2378	0.611603	0.748455	-1.33609	0.0723488	0.321545	-3.10999	7.9454	40.2862	4.50701	1
cg21353189	SORCS2	0.00387137	0.0743347	0.391108	-2.55684	0.0041329	0.162744	-6.14462	0.0145683	0.241573	-4.13954	0.0867819	0.409409	-2.44255	0.00326603	0.150591	-6.64048	0.0221321	0.273827	-3.65194	0.00030877	0.0629975	-15.8737	0.00458691	0.16836	-5.93964	0.0853825	0.407443	-2.45433	7.93017	27.9959	3.13804	1
cg25244561	SORCS2	0.00424301	0.00744187	0.333879	-2.9951	0.0377521	0.46446	-2.15304	0.833226	0.935095	-1.06941	0.083245	0.543189	-1.84098	0.00636081	0.32292	-3.09674	0.230332	0.669978	-1.49259	0.000760885	0.197157	-5.0721	0.000556186	0.181823	-5.49984	0.100225	0.563741	-1.77386	7.71391	12.3746	1.42595	1
cg08813325	SORCS2	0.00449137	0.0770431	0.747295	-1.33816	0.0147317	1.5601	1.5601	0.0368114	0.698137	-1.43238	0.00955824	0.614941	-1.62617	0.0708301	0.741507	-1.3486	0.0102745	1.61484	1.61484	0.014161	0.638584	-1.56597	0.717311	1.05535	1.05535	0.0149823	0.642009	-1.55761	7.58214	2.63614	0.309046	1
cg14180415	SORCS2	0.00449209	0.00245715	0.204785	-4.88317	0.072632	0.47051	-2.12536	0.0145468	0.322064	-3.10498	0.826268	0.920583	-1.08627	0.000709099	0.143439	-6.97159	0.262091	0.643912	-1.55301	0.00330394	0.221706	-4.51047	0.00417492	0.235758	-4.24164	0.040565	0.410558	-2.43571	7.58177	17.0153	1.99488	1
cg11104736	SORCS2	0.00453885	0.0124747	0.362997	-2.75485	0.75225	0.901915	-1.10875	0.689362	0.877235	-1.13994	0.0419596	0.465762	-2.14702	0.0240372	0.415866	-2.40462	0.124581	0.581561	-1.71951	0.000259376	0.141003	-7.09206	0.0014051	0.221415	-4.51641	0.0504989	0.483559	-2.068	7.55798	12.72	1.496	1
cg01859130	SORCS2	0.00479616	0.134177	0.608034	-1.64464	0.481207	0.802093	-1.24674	0.0103728	0.369952	-2.70306	0.943956	1.02189	1.02189	0.0426303	0.487265	-2.05227	0.787673	0.92021	-1.08671	8.36E-05	0.112977	-8.85133	0.256045	0.694062	-1.44079	0.0446261	0.491548	-2.03439	7.43232	11.1682	1.33569	1
cg18803251	SORCS2	0.00530678	0.00178962	0.198563	-5.03618	0.691759	1.15599	1.15599	0.00288085	0.225151	-4.44147	0.497361	1.28484	1.28484	0.00771974	0.287949	-3.47283	0.52398	0.790641	-1.2648	0.0021507	0.208556	-4.79487	0.0436581	0.430127	-2.32489	0.0649576	0.470539	-2.12522	7.20616	15.1022	1.86287	1
cg08715465	SORCS2	0.00576855	0.958665	1.00893	1.00893	0.352736	1.17818	1.17818	0.662029	0.927354	-1.07834	0.000890905	0.425978	-2.34754	0.00498659	0.528738	-1.8913	0.121138	1.33401	1.33401	0.00395856	0.514521	-1.94355	0.0745267	0.71129	-1.4059	0.120167	0.74896	-1.33518	7.02384	3.27076	0.413925	1
cg01275038	SORCS2	0.00590544	0.0155142	0.155952	-6.41225	0.000622397	0.0370658	-26.979	0.147677	0.378209	-2.64404	0.308346	0.516862	-1.93475	0.00674962	0.110999	-9.00908	0.0270431	0.194273	-5.1474	0.00215412	0.0674351	-14.8291	0.0105896	0.133684	-7.48033	0.082337	0.29981	-3.33544	6.97326	43.2706	5.51576	1
cg04457631	SORCS2	0.00625711	0.0393547	0.465406	-2.14866	0.826798	0.932103	-1.07284	0.0112907	0.361269	-2.76802	0.584814	0.837757	-1.19366	0.00115949	0.216316	-4.62287	0.0935305	0.553321	-1.80727	0.000547024	0.178525	-5.60147	0.632694	0.856845	-1.16707	0.0389491	0.464445	-2.15311	6.84974	11.1684	1.44932	1
cg27488680	SORCS2	0.00627067	0.138928	0.722012	-1.38502	0.133721	1.392	1.392	0.529737	0.877938	-1.13903	0.642448	0.908819	-1.10033	0.000378766	0.313079	-3.19408	0.57593	0.89087	-1.1225	0.00117949	0.377926	-2.64602	0.240059	0.777598	-1.28601	0.39582	0.837094	-1.19461	6.84515	4.53329	0.588678	1
cg16175458	SORCS2	0.00630839	0.283797	0.677189	-1.47669	0.263346	0.664853	-1.50409	0.12296	0.557101	-1.79501	0.95448	1.02018	1.02018	0.00202228	0.217785	-4.59169	0.387323	0.733307	-1.36368	0.000199497	0.112305	-8.9043	0.643267	1.17735	1.17735	0.110449	0.543939	-1.83844	6.83245	13.2606	1.72517	1
cg06252645	SORCS2	0.00638566	0.204576	0.892926	-1.11991	0.365379	0.924336	-1.08186	0.000620015	0.640434	-1.56144	0.66114	0.963372	-1.03802	0.964045	0.996194	-1.00382	0.0548988	1.20222	1.20222	0.00297844	1.41163	1.41163	0.79397	0.978102	-1.02239	0.778748	0.976453	-1.02411	6.80673	0.771546	0.100756	1
cg13735645	SORCS2	0.00648426	0.517375	0.812906	-1.23015	0.741714	0.900887	-1.11002	0.156564	0.619878	-1.61322	0.949799	1.02007	1.02007	0.0482033	0.490409	-2.03911	0.558128	1.20551	1.20551	0.000110629	0.116877	-8.55603	0.176522	1.57369	1.57369	0.323486	0.724833	-1.37963	6.77447	10.6854	1.40205	1
cg13423235	SORCS2	0.00648622	0.153205	0.637662	-1.56823	0.160076	0.643045	-1.5551	0.0487136	0.515682	-1.93918	0.386108	0.769995	-1.29871	0.004955	0.334683	-2.98791	0.60342	0.857121	-1.1667	0.000296319	0.176712	-5.65893	0.111696	1.66465	1.66465	0.0511479	0.520295	-1.92199	6.77383	9.28425	1.21832	1
cg18348318	SORCS2	0.00709721	0.0905724	0.459299	-2.17723	0.0111951	0.265453	-3.76715	0.0111	0.26484	-3.77587	0.571784	0.787878	-1.26923	0.00804856	0.242558	-4.12272	0.0712024	0.431333	-2.31839	0.000332982	0.0892843	-11.2002	0.969874	0.984366	-1.01588	0.0777027	0.441261	-2.26623	6.58672	18.1622	2.45102	1
cg03729818	SORCS2	0.00741696	0.0180675	0.231915	-4.31193	0.00272048	0.121649	-8.22037	0.0452907	0.310782	-3.21769	0.742802	0.845717	-1.18243	0.0131715	0.209269	-4.77855	0.0194547	0.237512	-4.21031	0.00186417	0.105792	-9.45247	0.0042383	0.142545	-7.01532	0.0709225	0.358153	-2.7921	6.49662	26.646	3.6458	1
cg11547104	SORCS2	0.00776093	0.188545	0.501316	-1.99475	0.00373722	0.143608	-6.9634	0.248396	1.81857	1.81857	0.0214605	3.933	3.933	0.0180254	0.240731	-4.15402	0.148074	2.15772	2.15772	0.0180926	0.241013	-4.14916	0.0555748	0.341209	-2.93076	0.292603	1.71802	1.71802	6.40494	24.9201	3.45846	1
cg21091226	SORCS2	0.00794959	0.0654708	0.601413	-1.66275	0.5941	1.14143	1.14143	0.207708	0.721289	-1.38641	0.504925	1.18104	1.18104	0.444458	0.825536	-1.21133	0.587379	0.873939	-1.14424	0.000115575	0.189677	-5.27211	0.997865	0.999342	-1.00066	0.112819	0.654113	-1.52879	6.35678	6.08923	0.851477	1
cg00424353	SORCS2	0.00814248	0.0602956	0.386759	-2.58559	0.00338777	0.167576	-5.96744	0.015691	0.265066	-3.77264	0.269568	0.59721	-1.67445	0.0521272	0.37139	-2.69259	0.185887	0.533199	-1.87547	0.000529191	0.0889226	-11.2457	0.0122767	0.246991	-4.04874	0.0356718	0.33415	-2.99267	6.30898	20.0862	2.83	1
cg27212190	SORCS2	0.00820968	0.000494589	0.436855	-2.28909	0.121497	0.774971	-1.29037	0.0311393	0.681053	-1.46831	0.49569	1.11076	1.11076	0.00446886	0.562276	-1.77849	0.101754	0.761837	-1.31262	0.0311116	0.680996	-1.46844	0.095272	0.757049	-1.32092	0.0269187	0.671705	-1.48875	6.29266	2.29812	0.324628	1
cg17564203	SORCS2	0.00928549	0.0535559	0.404634	-2.47137	0.458408	0.732284	-1.36559	0.0326875	0.356503	-2.80503	0.317868	1.53124	1.53124	0.0106982	0.266078	-3.7583	0.947096	0.972987	-1.02776	0.000308439	0.0891912	-11.2119	0.246148	0.606203	-1.64961	0.249489	0.608536	-1.64329	6.05203	16.3242	2.39761	1
cg03326335	SORCS2	0.0100034	0.89401	0.972662	-1.02811	0.000373303	0.306206	-3.26577	0.0763428	0.663645	-1.50683	0.218989	0.764279	-1.30842	0.376119	1.20789	1.20789	0.0315676	0.592016	-1.68914	0.210595	1.31563	1.31563	0.483709	1.15951	1.15951	0.358683	1.21684	1.21684	5.90998	4.04726	0.608727	1
cg13847226	SORCS2	0.0107056	0.196001	0.758112	-1.31907	0.00317438	0.442116	-2.26185	0.014004	0.540903	-1.84876	0.628222	0.905902	-1.10387	0.00093968	0.368084	-2.71677	0.166605	1.34808	1.34808	0.587422	0.894983	-1.11734	0.302004	0.805283	-1.2418	0.433728	0.850627	-1.1756	5.78278	3.75663	0.577443	1
cg06283478	SORCS2	0.011762	0.0214904	0.563203	-1.77556	0.943535	0.985384	-1.01483	0.00264316	0.421153	-2.37444	0.329398	0.811211	-1.23273	0.0026509	0.421336	-2.3734	0.0116424	0.519209	-1.92601	0.0142282	0.533346	-1.87496	0.580882	0.890554	-1.1229	0.056388	0.638224	-1.56685	5.60982	3.8388	0.608267	1
cg13035290	SORCS2	0.0121172	0.754518	1.10626	1.10626	0.781343	0.914316	-1.09371	0.152815	0.610832	-1.63711	0.492696	0.799075	-1.25145	0.00227463	0.253049	-3.9518	0.0319991	2.24537	2.24537	0.00443459	0.294539	-3.39513	0.415248	1.30746	1.30746	0.0713818	0.52295	-1.91223	5.55594	9.11973	1.45906	1
cg02682050	SORCS2	0.0125648	0.00364897	0.249873	-4.00203	0.00208936	0.217132	-4.60549	0.0506953	0.456006	-2.19296	0.672065	0.860562	-1.16203	0.00771401	0.299026	-3.34419	0.0478553	0.450285	-2.22082	0.012547	0.334521	-2.98935	0.114869	0.546242	-1.83069	0.214195	0.630511	-1.58601	5.49078	10.8169	1.75112	1
cg06570432	SORCS2	0.0137656	0.0095587	0.179377	-5.57484	0.00805901	0.169134	-5.91246	0.090899	0.377134	-2.65158	0.0848798	0.368738	-2.71195	0.308096	0.575582	-1.73737	0.0866705	0.371274	-2.69343	0.000959747	0.0761392	-13.1338	0.0192207	0.226939	-4.40647	0.0721389	0.349622	-2.86023	5.32936	23.1396	3.85948	1
cg17315281	SORCS2	0.0143878	0.0479174	1.81898	1.81898	0.0555766	1.77521	1.77521	0.73003	0.912429	-1.09598	0.959859	1.0134	1.0134	0.0346665	0.521264	-1.91842	0.0738506	1.69403	1.69403	0.00435621	0.365049	-2.73936	0.0722825	0.588221	-1.70004	0.241391	1.38324	1.38324	5.25244	5.82205	0.985285	1
cg23649083	SORCS2	0.0144355	0.0545485	0.340634	-2.9357	0.00954018	0.197686	-5.05853	0.180282	0.495299	-2.01898	0.222772	0.531198	-1.88254	0.00387416	0.146458	-6.82791	0.122139	0.437225	-2.28715	0.00232537	0.122477	-8.1648	0.00929246	0.19601	-5.10178	0.0790367	0.381776	-2.61934	5.24672	20.261	3.43258	1
cg10876767	SORCS2	0.0152781	0.0453301	0.162095	-6.16922	0.0544264	0.177359	-5.63827	0.0261212	0.123471	-8.09905	0.761408	0.785569	-1.27296	0.00821478	0.0685803	-14.5815	0.162454	0.306701	-3.2605	0.000786074	0.0179029	-55.8568	0.684292	0.723263	-1.38262	0.0599472	0.186001	-5.37631	5.1493	51.2222	8.84214	1
cg14084689	SORCS2	0.0170818	0.0941209	0.556406	-1.79725	0.00179654	0.243001	-4.11521	0.0315597	0.447957	-2.23236	0.466094	0.789579	-1.2665	0.167795	0.626082	-1.59723	0.0256104	0.429706	-2.32717	0.0118186	0.3674	-2.72183	0.00638444	0.32287	-3.09722	0.612258	0.849755	-1.17681	4.96151	7.9726	1.42835	1
cg13439315	SORCS2	0.0183511	0.0334834	0.259016	-3.86077	0.344234	0.588736	-1.69855	0.359792	0.599312	-1.66858	0.339034	0.585164	-1.70892	0.0131015	0.187648	-5.32914	0.25362	0.522943	-1.91225	0.000655699	0.0584586	-17.1061	0.0978167	0.372461	-2.68484	0.0234231	0.229374	-4.35969	4.84353	22.6819	4.1626	1
cg14450955	SORCS2	0.0186029	0.042099	1.4111	1.4111	0.0838147	1.32493	1.32493	0.0281873	1.46391	1.46391	0.0163662	1.53961	1.53961	0.842207	1.02974	1.02974	0.0157251	0.647086	-1.54539	0.806836	1.03668	1.03668	0.0791242	1.33197	1.33197	0.0223916	1.49533	1.49533	4.82133	1.65116	0.304418	1
cg06235642	SORCS2	0.0192318	0.38231	0.712208	-1.40408	0.323253	0.679452	-1.47178	0.00859888	0.281002	-3.55869	0.423129	0.733516	-1.3633	0.0377313	0.401373	-2.49145	0.133495	0.541684	-1.84609	0.000568416	0.132369	-7.55465	0.644633	0.83868	-1.19235	0.706533	0.866514	-1.15405	4.76746	10.8338	2.01995	1
cg27490380	SORCS2	0.0211244	0.297683	0.381644	-2.62024	0.48667	1.87513	1.87513	0.308935	2.55821	2.55821	0.0146257	0.0634012	-15.7726	0.00211927	0.0173419	-57.6636	0.0973235	0.194365	-5.14495	0.314013	2.53128	2.53128	?	?	?	0.701113	1.40841	1.40841	5.21997	56.6433	9.49487	1
cg10647739	SORCS2	0.0219219	0.0130483	0.463588	-2.15709	0.544978	0.858193	-1.16524	0.114799	0.651754	-1.53432	0.383592	0.800095	-1.24985	0.0147064	0.472561	-2.11613	0.142458	0.674646	-1.48226	0.000819527	0.283991	-3.52123	0.381517	0.799276	-1.25113	0.331222	0.7786	-1.28436	4.5595	4.49973	0.877237	1
cg10858686	SORCS2	0.0220619	0.234028	0.726492	-1.37648	0.593416	0.871079	-1.148	0.0135217	0.45708	-2.1878	0.0931303	0.623066	-1.60497	0.0304704	0.521348	-1.9181	0.013013	0.454202	-2.20167	0.0721445	0.598069	-1.67205	0.24632	0.733064	-1.36414	0.00147574	0.308781	-3.23854	4.54955	4.72667	0.923493	1
cg04340567	SORCS2	0.0224651	0.0982175	0.485684	-2.05895	0.0434252	0.396594	-2.52147	0.30268	0.653674	-1.52981	0.0154772	3.2632	3.2632	0.0698371	0.446078	-2.24176	0.0948519	2.07704	2.07704	0.0654629	0.438979	-2.27801	0.346668	0.679853	-1.47091	0.0806204	2.16314	2.16314	4.52133	11.3539	2.23217	1
cg11443170	SORCS2	0.0228545	0.0182116	0.598407	-1.6711	0.257466	1.23575	1.23575	0.00890081	0.550899	-1.81521	0.717836	1.06716	1.06716	0.797126	0.954905	-1.04722	0.0438322	1.51436	1.51436	0.0313763	0.636196	-1.57184	0.0635767	0.688242	-1.45298	0.35244	0.842487	-1.18696	4.49467	2.28399	0.451693	1
cg16988212	SORCS2	0.0229767	0.307291	0.698508	-1.43162	0.336934	1.39951	1.39951	0.954366	1.01962	1.01962	0.141911	1.70937	1.70937	0.0225403	0.395534	-2.52823	0.643286	1.17156	1.17156	0.00310634	0.253242	-3.94879	0.0750027	1.96046	1.96046	0.13256	0.576359	-1.73503	4.48642	8.19019	1.62271	1
cg14372037	SORCS2	0.0232725	0.139161	0.45091	-2.21774	0.0995831	0.405275	-2.46746	0.0130781	0.214319	-4.66594	0.759769	1.16587	1.16587	0.0114604	0.205364	-4.86939	0.754313	0.854624	-1.17011	0.00162223	0.104314	-9.58647	0.93257	0.958538	-1.04325	0.547236	0.73728	-1.35634	4.46668	17.713	3.52497	1
cg05751839	SORCS2	0.0241052	0.208511	0.643453	-1.55411	0.0130249	0.35898	-2.78567	0.0270933	0.418916	-2.38711	0.129157	0.57969	-1.72506	0.0405301	0.455387	-2.19594	0.0637341	0.500025	-1.9999	0.00818704	0.3246	-3.08072	0.00331528	0.264492	-3.78083	0.406858	0.754156	-1.32599	4.41271	7.72828	1.55677	1
cg15884185	SORCS2	0.025224	0.00643977	0.234516	-4.2641	0.175714	0.554725	-1.8027	0.0673082	0.43208	-2.31439	0.670477	0.83931	-1.19145	0.0190456	0.312969	-3.19521	0.30675	0.648519	-1.54197	0.00448409	0.212065	-4.71553	0.0522869	0.40519	-2.46798	0.0171847	0.304724	-3.28166	4.34373	11.5238	2.3582	1
cg18319799	SORCS2	0.0262746	0.924457	0.952895	-1.04943	0.32465	1.67776	1.67776	0.00212475	8.99616	8.99616	0.399589	1.5507	1.5507	0.686746	0.813629	-1.22906	0.936268	0.960131	-1.04152	0.0390463	3.371	3.371	0.0206638	0.242263	-4.12775	0.969504	0.980739	-1.01964	4.28232	17.5538	3.64368	1
cg19043935	SORCS2	0.0269114	0.279553	0.63327	-1.57911	0.0276272	0.34702	-2.88168	0.0193406	0.31679	-3.15667	0.543459	0.778853	-1.28394	0.00271326	0.185798	-5.3822	0.579161	0.796384	-1.25568	0.0126824	0.283934	-3.52194	0.260754	0.620841	-1.61072	0.0250429	0.338452	-2.95463	4.24656	11.1079	2.3251	1
cg24800226	SORCS2	0.0281886	0.414995	1.17228	1.17228	0.735507	1.06682	1.06682	0.759812	1.06024	1.06024	0.00518493	0.494643	-2.02166	0.0263149	1.65307	1.65307	0.0304115	1.62479	1.62479	0.158778	0.750251	-1.33289	0.28712	1.23474	1.23474	0.312487	1.22057	1.22057	4.17789	2.40811	0.51235	1
cg17627921	SORCS2	0.0287058	0.127863	0.404332	-2.47322	0.158106	0.436013	-2.29351	0.469008	0.66681	-1.49968	0.246825	0.513684	-1.94672	0.0624122	0.31547	-3.16987	0.104318	0.376534	-2.6558	0.0013377	0.0769417	-12.9968	0.00852174	0.157758	-6.33883	0.0684155	0.325548	-3.07174	4.15117	19.894	4.2599	1
cg08145989	SORCS2	0.0304653	0.0600609	0.493639	-2.02577	0.024869	0.411206	-2.43187	0.186056	0.627132	-1.59456	0.213348	0.646539	-1.5467	0.0391448	0.451832	-2.21321	0.0897353	0.536585	-1.86364	0.00425369	0.279934	-3.57227	0.00528171	0.2941	-3.4002	0.174385	0.61826	-1.61744	4.06453	7.13014	1.55932	1
cg18658556	SORCS2	0.0323083	0.617885	1.46938	1.46938	0.487966	1.71458	1.71458	0.0179295	0.110675	-9.03545	0.561998	0.638495	-1.56618	0.969066	0.970762	-1.03012	0.772993	0.80146	-1.24772	0.00117441	0.0261541	-38.235	0.727535	1.30689	1.30689	0.570894	1.55	1.55	3.98019	36.9105	8.24317	1
cg12443213	SORCS2	0.0325266	0.235458	0.77755	-1.28609	0.930117	0.982407	-1.01791	0.175472	0.747115	-1.33848	0.350257	1.21477	1.21477	0.00219907	0.419488	-2.38386	0.892012	1.02787	1.02787	0.0315486	0.600366	-1.66565	0.0441846	0.62637	-1.5965	0.356112	1.21176	1.21176	3.97059	2.57502	0.576465	1
cg10827139	SORCS2	0.0329687	0.791999	0.915953	-1.09176	0.21097	1.54926	1.54926	0.00808367	0.324112	-3.08535	0.889724	0.954965	-1.04716	0.0138911	0.364375	-2.74442	0.311842	0.706433	-1.41556	0.00729424	0.316855	-3.15601	0.547635	0.817003	-1.22399	0.809905	1.08334	1.08334	3.9514	6.90456	1.55322	1
cg12442902	SORCS2	0.0335732	0.265061	0.803167	-1.24507	0.0155374	1.75075	1.75075	0.115337	0.723926	-1.38136	0.324648	0.825351	-1.21161	0.841895	1.03841	1.03841	0.165463	0.756419	-1.32202	0.115176	1.38159	1.38159	0.593427	0.903307	-1.10704	0.00832591	0.529183	-1.88971	3.92567	2.21415	0.50135	1
cg08554860	SORCS2	0.0378648	0.79401	0.918416	-1.08883	0.611639	1.1812	1.1812	0.0124374	0.363612	-2.75018	0.258882	0.681736	-1.46684	0.0166144	0.386236	-2.58909	0.6109	1.18162	1.18162	0.0141266	0.373432	-2.67786	0.644903	0.85991	-1.16291	0.0189423	0.396837	-2.51993	3.75803	6.29577	1.48914	1
cg25905369	SORCS2	0.0407017	0.0608915	0.643761	-1.55337	0.129602	0.710794	-1.40688	0.0161685	0.54151	-1.84669	0.10989	0.695376	-1.43807	0.00626158	0.475862	-2.10145	0.0698074	0.655277	-1.52607	0.0631715	0.646836	-1.54599	0.197783	0.752921	-1.32816	0.0131681	0.526871	-1.898	3.65959	2.51899	0.611845	1
cg26143141	SORCS2	0.0412997	0.975469	0.996288	-1.00373	0.54084	1.07776	1.07776	0.0226349	1.39115	1.39115	0.747982	1.03976	1.03976	0.212606	0.853176	-1.17209	0.0226131	1.39125	1.39125	0.0131842	1.4502	1.4502	0.104898	0.807064	-1.23906	0.796132	0.969169	-1.03181	3.63992	0.843431	0.20597	1
cg10356260	SORCS2	0.0423998	0.0133311	0.257496	-3.88356	0.0471318	0.365925	-2.7328	0.36264	1.51295	1.51295	0.399282	1.46503	1.46503	0.059505	0.390138	-2.5632	0.907244	1.05293	1.05293	0.645683	0.814752	-1.22737	0.0797743	0.42299	-2.36412	0.0579591	2.58182	2.58182	3.60463	11.1803	2.75701	1
cg16334072	SORCS2	0.0441491	0.174547	0.736904	-1.35703	0.73028	1.0759	1.0759	0.181016	1.35016	1.35016	0.40608	0.835537	-1.19683	0.906337	1.02519	1.02519	0.899078	0.973534	-1.02719	0.00130522	0.371739	-2.69006	0.134102	0.710684	-1.4071	0.362765	0.820583	-1.21865	3.55078	2.51312	0.629126	1
cg22357679	SORCS2	0.0445732	0.112562	0.554186	-1.80445	0.371941	0.73108	-1.36784	0.0193846	0.380596	-2.62745	0.735183	0.890473	-1.123	0.142363	0.583403	-1.71408	0.627253	0.846023	-1.182	0.00268568	0.242286	-4.12736	0.410588	1.33312	1.33312	0.072948	0.504877	-1.98068	3.53812	6.54255	1.6437	1
cg26038749	SORCS2	0.0475534	0.602272	1.26608	1.26608	0.0651868	2.53184	2.53184	0.193711	0.539525	-1.85348	0.960772	1.02232	1.02232	0.624414	0.80138	-1.24785	0.472248	1.3883	1.3883	0.00187865	0.138333	-7.22896	0.846243	1.09102	1.09102	0.840625	0.913614	-1.09455	3.45314	11.0116	2.83455	1
cg02705759	SORCS2	0.0480255	0.458819	0.661136	-1.51255	0.089031	0.35742	-2.79783	0.0195939	0.21285	-4.69814	0.459886	0.661809	-1.51101	0.02602	0.234749	-4.25986	0.276118	0.537154	-1.86166	0.00493153	0.129649	-7.71312	0.0349913	0.259818	-3.84885	0.958414	0.9718	-1.02902	3.44028	16.397	4.2366	1
cg25951168	SORCS2	0.0482882	0.248594	0.833142	-1.20028	0.9391	0.988501	-1.01163	0.215263	0.820834	-1.21827	0.772246	1.04491	1.04491	0.338257	0.86121	-1.16116	0.59059	0.921083	-1.08568	0.00180637	0.51087	-1.95744	0.280751	1.18495	1.18495	0.14861	1.26428	1.26428	3.43319	1.24573	0.322532	1
cg20421058	SORCS2	0.0488863	0.776071	1.08251	1.08251	0.764531	0.919874	-1.0871	0.0405849	0.518185	-1.92981	0.219842	0.69859	-1.43145	0.0510053	0.53904	-1.85515	0.210011	1.44381	1.44381	0.00853223	2.54246	2.54246	0.608394	0.866166	-1.15451	0.521187	1.19816	1.19816	3.41723	4.18343	1.08819	1
cg12598054	SORCS2;PSAPL1	0.000374304	0.0207341	0.485227	-2.06089	0.206362	0.70742	-1.41359	0.00656844	0.399818	-2.50114	0.363131	1.27471	1.27471	0.174247	0.687055	-1.45549	0.137895	0.66041	-1.51421	3.77E-06	0.0605492	-16.5155	0.21946	0.715089	-1.39843	0.139362	0.661581	-1.51153	15.4808	16.5352	0.94943	1
cg03194122	SORCS2;PSAPL1	0.00355229	0.522341	1.23085	1.23085	0.307606	0.712977	-1.40257	0.0187651	0.401639	-2.4898	0.913036	1.03561	1.03561	0.18382	0.636564	-1.57093	0.031422	0.445534	-2.2445	8.03E-05	0.102241	-9.7808	0.154336	0.613596	-1.62974	0.00893252	0.344569	-2.90218	8.1376	13.2248	1.44458	1
cg26349484	SORCS2;PSAPL1	0.000297703	7.31E-05	0.37469	-2.66887	0.000247274	0.438864	-2.27861	0.000935481	0.570678	-1.75228	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.000938849	0.510851	-1.95752	0.000134072	0.406385	-2.46072	[illegible]	[illegible]	[illegible]	0.0754461	0.763898	-1.30907	16.4848	4.83469	0.260695	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13505905	SORCS3	0.00143268	0.00334022	0.369792	-2.70423	0.473718	0.834029	-1.199	0.125964	0.662063	-1.51043	0.601063	0.876865	-1.14043	0.00089748	0.289927	-3.44914
cg05008139	SORCS3	0.00198689	0.0995727	1.15973	1.15973	0.0183452	1.26486	1.26486	0.00691968	1.33235	1.33235	0.676798	0.966171	-1.03501	0.0114346	0.771183	-1.29671
cg06994238	SORCS3	0.00328543	0.417231	0.892899	-1.11995	0.800247	1.03525	1.03525	0.218685	0.837969	-1.19336	0.0452529	0.730619	-1.3687	0.253846	1.17682	1.17682
cg23797411	SORCS3	0.0101855	0.00470896	1.39525	1.39525	0.305488	1.09867	1.09867	0.24838	1.11295	1.11295	0.0559968	1.21165	1.21165	0.975452	0.997275	-1.00273
cg03958798	SORCS3	0.0184023	0.00161054	0.459583	-2.17589	0.328128	1.18948	1.18948	0.63604	0.921321	-1.0854	0.734032	1.06038	1.06038	0.026083	0.635168	-1.57439
cg12456799	SORCS3	0.0258387	0.0141166	37.0714	37.0714	0.0580061	12.8812	12.8812	0.0964636	8.81771	8.81771	0.0378361	17.6781	17.6781	0.963523	0.946914	-1.05606
cg17321814	SORCS3	0.027322	0.0365632	22.2767	22.2767	0.0309148	25.4593	25.4593	0.0708859	13.1695	13.1695	0.0454834	18.7323	18.7323	0.899666	0.851176	-1.17484
cg23493016	SORCS3	0.0279304	0.0215635	24.6993	24.6993	0.0585928	11.9717	11.9717	0.0790077	9.642	9.642	0.0505279	13.3221	13.3221	0.649242	1.70241	1.70241
cg04159420	SORCS3	0.0301907	0.00833324	0.435452	-2.29646	0.49783	0.843925	-1.18494	0.726482	0.917052	-1.09045	0.384295	0.802563	-1.24601	0.0170151	0.487996	-2.0492
cg11804932	SORCS3	0.0363058	0.263368	0.797701	-1.2536	0.00576019	2.01662	2.01662	0.0336859	1.61743	1.61743	0.71761	1.07294	1.07294	0.0110599	1.85465	1.85465
cg10862354	SORCS3	0.0378592	0.782266	0.930121	-1.07513	0.657616	1.12371	1.12371	0.00852045	0.415682	-2.40569	0.758623	0.922569	-1.08393	0.173216	1.46074	1.46074
cg17514291	SORD	0.000851071	0.696343	0.914799	-1.09314	0.0162951	0.513273	-1.94828	0.00133553	0.346833	-2.88323	0.0439402	0.591139	-1.69165	0.000401365	0.278526	-3.59032
cg26398510	SORD	0.00593704	0.141491	0.652724	-1.53204	0.0893525	0.603242	-1.65771	0.340245	0.767055	-1.30369	0.811465	0.937556	-1.0666	0.000128934	0.166041	-6.0226
cg10651637	SORD	0.0115859	0.337879	0.914883	-1.09304	0.127214	0.861987	-1.16011	0.0106074	0.748736	-1.33558	0.0386817	0.806056	-1.24061	0.519378	0.942885	-1.06057
cg10212184	SORD	0.0162594	0.503847	0.901196	-1.10964	0.330999	0.857421	-1.16629	0.0543216	0.715424	-1.39777	0.864249	0.974098	-1.02659	0.00608146	0.577341	-1.73208
cg03026420	SORD	0.0165802	0.956492	0.963569	-1.03781	0.695791	1.30669	1.30669	0.719556	0.782384	-1.27814	0.888603	1.10004	1.10004	0.000551765	0.0197063	-50.7452
cg26196700	SORD;SORD	0.0414703	?	?	?	?	?	?	0.496556	1.72789	1.72789	?	?	?	0.407251	1.95889	1.95889
cg01110103	SORL1	0.000335331	0.0786913	0.861475	-1.1608	0.00543423	1.32221	1.32221	0.430322	0.940385	-1.06339	0.000721198	0.675133	-1.48119	0.00018503	0.617421	-1.61964
cg25418363	SORL1	0.00194041	0.0929304	1.32947	1.32947	0.227407	0.822658	-1.21557	0.765657	1.04713	1.04713	0.311359	1.17511	1.17511	0.00389261	1.81999	1.81999
cg04443016	SORL1	0.00264527	0.533445	0.887082	-1.12729	0.00470535	0.489905	-2.04121	0.00939173	0.534941	-1.86937	0.00369702	2.10693	2.10693	0.283517	0.809236	-1.23573
cg22964469	SORL1	0.00756762	0.0667323	0.660615	-1.51374	0.00741934	2.00483	2.00483	0.0999445	0.695191	-1.43845	0.402731	0.841386	-1.18852	0.137448	0.724239	-1.38076
cg07356488	SORL1	0.0142727	0.513656	0.890189	-1.12336	0.910235	1.02	1.02	0.141504	0.757572	-1.32001	0.0973872	0.726553	-1.37636	0.000420023	0.37462	-2.66937
cg17232476	SORL1	0.0148477	0.29477	0.866377	-1.15423	0.0195254	1.45148	1.45148	0.00197143	1.7811	1.7811	0.769677	0.961985	-1.03952	0.34843	1.1359	1.1359
cg14239983	SORL1	0.0169856	0.00931054	0.228687	-4.37278	0.0513021	2.65053	2.65053	0.493601	0.740882	-1.34974	0.0502144	0.375008	-2.66661	0.0162201	0.27065	-3.6948
cg20615117	SORL1	0.0178176	0.0852289	1.69411	1.69411	0.519038	1.19853	1.19853	0.430813	0.800306	-1.24952	0.576347	1.16927	1.16927	0.0231355	2.12188	2.12188
cg15305564	SORL1	0.0190173	0.520897	0.814167	-1.22825	0.0142809	2.59785	2.59785	0.795693	1.08543	1.08543	0.29444	0.709241	-1.40996	0.590515	0.842294	-1.18723
cg14994639	SORL1	0.0221485	0.027539	0.318518	-3.13954	0.547544	0.765545	-1.30626	0.0067656	0.214185	-4.66886	0.00296624	0.166942	-5.99012	0.58708	0.786074	-1.27214
cg10107783	SORL1	0.0231728	0.865323	1.04118	1.04118	0.0118397	0.4738	-2.1106	0.140208	0.685765	-1.45823	0.411765	0.819143	-1.22079	0.00347183	0.389468	-2.5676
cg11606444	SORL1	0.0285948	0.725394	0.86121	-1.16116	0.383862	0.685019	-1.45981	0.0212689	0.309445	-3.23159	0.297155	0.632584	-1.58082	0.107154	0.474681	-2.10668
cg15241519	SORL1	0.0484603	0.235879	1.27665	1.27665	0.858224	1.03578	1.03578	0.105195	0.706037	-1.41636	0.905545	0.97693	-1.02361	0.403132	1.1832	1.1832
cg00683961	SORT1	0.00650643	0.0646218	0.828403	-1.20714	0.00742806	0.731451	-1.36715	0.0110795	1.33497	1.33497	0.0705569	1.20116	1.20116	0.128959	1.16045	1.16045
cg23616212	SORT1	0.0169449	0.176695	1.37906	1.37906	0.00239047	2.57855	2.57855	0.556869	1.14222	1.14222	0.00992791	2.07276	2.07276	0.584555	0.883766	-1.13152
cg16988986	SORT1	0.02067	0.0630775	0.559693	-1.7867	0.275475	1.37017	1.37017	0.0571629	1.81731	1.81731	0.00705227	2.62939	2.62939	0.246654	0.714411	-1.39975
cg26354721	SOS1	0.000316116	0.000428443	0.466955	-2.14153	0.000631252	0.487923	-2.0495	0.000169454	0.417332	-2.39618	0.00361908	0.58393	-1.71253	0.00368316	0.584909	-1.70967
cg01361555	SOS1	0.00179455	0.00145281	0.561956	-1.7795	0.254452	1.16078	1.16078	0.0174223	0.695801	-1.43719	0.00417469	0.618203	-1.61759	0.000150824	0.4426	-2.25937
cg05782288	SOS1	0.00756106	0.781485	1.02903	1.02903	0.0989612	1.20462	1.20462	0.000301315	1.83096	1.83096	0.260557	0.886241	-1.12836	0.445761	1.08328	1.08328
cg26703129	SOS1	0.0167776	0.0104541	0.268559	-3.72358	0.0955654	0.473877	-2.11025	0.345396	0.672754	-1.48643	0.457398	1.36162	1.36162	0.00200442	0.168865	-5.9219
cg19144769	SOS1	0.022078	0.0157166	0.429662	-2.32741	0.14871	0.642772	-1.55576	0.849314	0.947171	-1.05578	0.237601	0.702554	-1.42338	0.279024	0.725304	-1.37873
cg27580905	SOS1	0.0278703	0.490467	0.776336	-1.2881	0.339856	1.42696	1.42696	0.70715	1.14615	1.14615	0.00244701	4.58931	4.58931	0.00996515	0.308417	-3.24236
cg06163227	SOS2	0.00227922	0.0288181	1.24084	1.24084	0.804064	0.979407	-1.02103	0.369976	1.08012	1.08012	0.973247	0.997197	-1.00281	0.0330787	1.23194	1.23194
cg12811564	SOS2	0.00248695	0.638078	0.956664	-1.0453	0.0109883	1.34764	1.34764	0.977479	0.997364	-1.00264	0.000868818	0.62675	-1.59553	0.0189747	0.766732	-1.30424
cg26512148	SOS2	0.00738153	0.416827	0.930079	-1.07518	0.894522	1.01165	1.01165	0.00790205	1.34664	1.34664	0.00918289	1.33504	1.33504	0.0906682	1.17684	1.17684
cg26283426	SOST	0.000181126	0.875788	1.03069	1.03069	0.349238	1.20466	1.20466	0.000109803	0.268261	-3.72771	0.0595814	1.50808	1.50808	1.82E-05	0.184556	-5.41842
cg15596932	SOST	0.00669202	0.892303	0.961653	-1.03988	0.0061649	0.356554	-2.80462	0.000244091	0.173723	-5.7563	0.614721	0.863725	-1.15778	0.0137452	0.415074	-2.40921
cg16182479	SOST	0.0109696	0.00230506	4.8008	4.8008	0.00382545	4.20507	4.20507	0.100879	1.93841	1.93841	0.0375773	2.43186	2.43186	0.153582	1.75561	1.75561
cg13749379	SOST	0.0113785	0.0117094	7.80004	7.80004	0.00885727	8.78381	8.78381	0.0579231	4.04756	4.04756	0.113336	3.07647	3.07647	0.00568012	10.6561	10.6561
cg14256699	SOST	0.0188409	0.342639	0.71713	-1.39445	0.3682	0.730277	-1.36934	0.00280025	0.246401	-4.05842	0.898076	0.957354	-1.04455	0.00240221	0.237352	-4.21316
cg21817179	SOSTDC1	0.0137024	0.160797	0.608179	-1.64425	0.332831	1.39324	1.39324	0.411061	1.32186	1.32186	0.130226	0.581252	-1.72042	0.16673	0.612984	-1.63136
cg13864794	SOSTDC1	0.0345966	0.199418	0.693842	-1.44125	0.191612	0.688876	-1.45164	0.814139	1.06555	1.06555	0.713928	0.905508	-1.10435	0.0569805	0.559522	-1.78724
cg11417025	SOSTDC1	0.0413877	0.0422599	0.325788	-3.06949	0.661644	0.809684	-1.23505	0.532024	0.738274	-1.35451	0.323013	0.613021	-1.63127	0.137356	0.464366	-2.15347
cg11750165	SOX1	0.000112393	0.16229	1.35217	1.35217	0.162828	1.35158	1.35158	0.0887893	1.46172	1.46172	3.19E-05	5.14161	5.14161	0.497622	1.14941	1.14941
cg00663972	SOX1	0.00100303	0.216662	1.17919	1.17919	0.452988	0.907619	-1.10178	2.17E-05	2.95187	2.95187	0.257199	0.86077	-1.16175	0.20144	1.18654	1.18654
cg25463470	SOX1	0.00147953	?	?	?	0.0612632	2.48715	2.48715	0.0491673	2.6384	2.6384	0.787655	0.8899	-1.12372	0.0380102	0.353721	-2.82708
cg24604013	SOX1	0.00445834	0.190246	1.16247	1.16247	0.765054	1.03306	1.03306	0.100392	0.822563	-1.21571	0.166991	1.17338	1.17338	0.108004	0.826699	-1.20963
cg19802138	SOX1	0.0115488	0.747501	1.04604	1.04604	0.780746	1.03965	1.03965	0.000900738	1.99817	1.99817	0.853937	1.0261	1.0261	0.731966	0.953224	-1.04907
cg06675478	SOX1	0.0374897	0.921615	1.00934	1.00934	0.962355	0.995551	-1.00447	0.146779	0.863175	-1.15851	0.785338	1.02613	1.02613	0.0161879	0.757354	-1.32039
cg20194811	SOX1	0.0374942	0.00913532	2.41301	2.41301	0.232146	0.716527	-1.39562	0.235349	1.39214	1.39214	0.0113323	2.32442	2.32442	0.11863	1.56931	1.56931
cg12312988	SOX11	0.000332253	0.851471	1.03621	1.03621	0.333825	1.20821	1.20821	0.00484822	2.03162	2.03162	0.53731	1.12583	1.12583	0.611729	1.10201	1.10201
cg08165221	SOX11	0.000394743	0.000194821	0.529664	-1.88799	0.573807	1.05932	1.05932	0.0172649	1.34191	1.34191	0.0485622	1.25666	1.25666	0.00892422	1.40117	1.40117
cg08526991	SOX11	0.00682915	0.0793764	0.878479	-1.13833	0.148692	1.10855	1.10855	0.173245	1.10121	1.10121	0.945845	0.995491	-1.00453	0.0113455	0.809851	-1.2348
cg18449120	SOX11	0.0372304	0.334129	1.258	1.258	0.487926	1.17629	1.17629	0.0505904	1.67079	1.67079	0.00426091	2.41374	2.41374	0.0260671	1.83755	1.83755
cg06830064	SOX11;SOX11	6.17E-05	2.40E-05	0.096003	-10.4163	0.00062561	0.231307	-4.32327	0.000255179	0.187	-5.34761	0.00160844	0.283925	-3.52206	0.00271771	0.315885	-3.16571
cg04043795	SOX11;SOX11	0.0152749	0.232523	2.26116	2.26116	0.794993	0.844922	-1.18354	0.789213	1.18934	1.18934	0.00430166	0.0750267	-13.3286	0.00157197	0.0442044	-22.6222
cg16330247	SOX11;SOX11	0.0171225	0.0140797	0.292729	-3.41613	0.0728058	0.444306	-2.2507	0.666558	1.1921	1.1921	0.10448	0.48707	-2.05309	0.00310341	0.193977	-5.15524
cg20927661	SOX11;SOX11	0.0173652	0.0397598	2.99009	2.99009	0.203075	1.85713	1.85713	0.523513	0.742401	-1.34698	0.268916	1.69975	1.69975	0.0172235	3.80775	3.80775
cg03594550	SOX11;SOX11	0.0175276	0.0275801	0.246299	-4.0601	0.00436169	0.128969	-7.75379	0.356692	0.600594	-1.66502	0.377947	0.614754	-1.62667	0.00352327	0.11908	-8.39771
cg26659079	SOX11;SOX11	0.0290599	0.508909	1.05036	1.05036	0.942303	0.994706	-1.00532	0.355546	0.932685	-1.07217	0.582367	0.960092	-1.04157	0.0435732	1.18549	1.18549
cg10625705	SOX12	0.0007493	0.0689442	0.877666	-1.13939	0.00083534	0.724457	-1.38034	0.0168997	0.829583	-1.20542	0.666026	0.972544	-1.02823	0.000884284	0.726551	-1.37637
cg25575688	SOX12	0.00943098	0.47605	0.834459	-1.19838	0.092726	0.63004	-1.5872	0.00254455	0.351434	-2.84548	0.987198	0.996001	-1.00401	0.00152459	0.319926	-3.12572
cg18835942	SOX12	0.0168418	0.1359	0.763746	-1.30934	0.649201	0.926071	-1.07983	0.647602	1.08024	1.08024	0.229308	0.809314	-1.23561	0.510022	0.893974	-1.1186
cg23827867	SOX12	0.0313647	0.495215	1.11664	1.11664	0.0575535	1.40793	1.40793	0.194724	1.24422	1.24422	0.477879	1.12181	1.12181	0.156483	1.2731	1.2731
cg03342008	SOX12;SOX12	0.00377197	0.943349	1.01592	1.01592	0.384748	0.820286	-1.21909	0.960976	1.01094	1.01094	0.0190104	0.531953	-1.87987	0.000131355	0.228711	-4.37233
cg15090834	SOX12;SOX12	0.0442045	0.664842	1.10323	1.10323	0.716764	1.08558	1.08558	0.00676287	2.20602	2.20602	0.0334375	1.75081	1.75081	0.0492334	0.602973	-1.65845
cg22337509	SOX13	0.00441974	0.0648941	0.494816	-2.02095	0.00451191	0.276764	-3.61319	0.0150196	0.36256	-2.75817	0.0192404	0.382472	-2.61457	0.000634707	0.168436	-5.93698
cg08258667	SOX13	0.0108441	0.204204	0.850207	-1.17618	0.616057	1.06314	1.06314	0.0209608	0.71433	-1.39991	0.00381176	1.60405	1.60405	0.0344064	0.741693	-1.34827
cg20248527	SOX13	0.011581	0.567882	1.11763	1.11763	0.439815	0.859184	-1.16389	0.756082	1.06186	1.06186	0.572754	1.11604	1.11604	0.249039	1.26124	1.26124
cg11669877	SOX13	0.0130993	0.115686	0.890031	-1.12356	0.784478	1.01885	1.01885	0.0782494	1.14257	1.14257	0.0546709	0.862009	-1.16008	0.594083	1.03733	1.03733
cg07142667	SOX13	0.0155129	0.0562854	0.462555	-2.1619	0.105015	0.53161	-1.88108	0.0050111	0.265958	-3.76	0.021734	0.374324	-2.67148	0.00212214	0.214268	-4.66704
cg17220116	SOX13	0.0226099	0.00346133	0.521337	-1.91814	0.184393	1.25993	1.25993	0.617488	1.08614	1.08614	0.0584959	0.704127	-1.4202	0.0982083	0.74256	-1.34669
cg11216917	SOX13	0.0430596	0.0207401	0.308933	-3.23695	0.0440647	0.376821	-2.65378	0.0391795	0.365393	-2.73678	0.0708328	0.426765	-2.34321	0.048443	0.386288	-2.58874
cg08073312	SOX14	3.92E-06	0.000135882	2.48498	2.48498	8.43E-05	2.6499	2.6499	0.720387	1.05079	1.05079	0.139804	0.803338	-1.24481	0.0164745	0.667717	-1.49764
cg03811478	SOX14	2.41E-05	4.51E-05	1.88429	1.88429	0.231528	1.10847	1.10847	0.0255015	1.24337	1.24337	0.703313	1.0319	1.0319	0.00840219	1.31819	1.31819
cg00088130	SOX14	3.43E-05	0.195085	0.786464	-1.27151	0.561593	1.10835	1.10835	0.995177	1.00106	1.00106	0.825525	1.03946	1.03946	4.51E-06	6.34718	6.34718
cg27505273	SOX14	8.93E-05	0.00457442	3.73363	3.73363	6.86E-05	12.6772	12.6772	0.0549627	2.13692	2.13692	0.865529	0.942576	-1.06092	0.0935581	0.525438	-1.90317
cg16921083	SOX14	0.000169499	0.326185	1.22781	1.22781	0.0750685	1.49379	1.49379	0.773798	1.06008	1.06008	4.16E-06	8.65428	8.65428	0.18365	1.33054	1.33054
cg04945331	SOX14	0.000253962	0.46698	1.1728	1.1728	0.0221333	1.8054	1.8054	0.709434	1.08394	1.08394	0.507568	0.865223	-1.15577	0.41212	0.834782	-1.19792
cg22885558	SOX14	0.000673783	0.272232	0.785225	-1.27352	0.0159758	1.86659	1.86659	0.314198	0.802353	-1.24633	0.976084	0.993678	-1.00636	0.0692017	0.650433	-1.53744
cg16428251	SOX14	0.00218425	0.221972	1.50408	1.50408	0.000636904	5.30167	5.30167	0.849395	1.06232	1.06232	0.98937	0.995773	-1.00425	0.769449	1.09797	1.09797
cg26869578	SOX14	0.0101847	0.911736	1.02925	1.02925	0.0560219	1.75537	1.75537	0.458538	1.2168	1.2168	0.219282	1.39912	1.39912	0.901763	1.03262	1.03262
cg03802069	SOX14	0.0129979	0.774804	1.04189	1.04189	0.162962	1.23743	1.23743	0.668475	1.06356	1.06356	0.18923	1.22011	1.22011	0.150351	0.802087	-1.24675
cg14783581	SOX14	0.0155909	0.425002	0.697482	-1.43373	0.308906	1.59312	1.59312	0.172772	1.89957	1.89957	0.597751	0.790202	-1.2655	0.413716	1.44704	1.44704
cg04374393	SOX14	0.0180526	0.0518176	2.45186	2.45186	0.0027765	5.32179	5.32179	0.122047	1.97234	1.97234	0.158699	1.84151	1.84151	0.510414	1.31072	1.31072
cg10343742	SOX14	0.0181288	0.448943	1.29912	1.29912	0.0184559	2.63621	2.63621	0.0206807	2.57263	2.57263	0.486366	1.27109	1.27109	0.885546	0.952327	-1.05006
cg13217064	SOX14	0.0367891	0.0247955	0.387201	-2.58264	0.0337223	2.41227	2.41227	0.151459	1.72591	1.72591	0.796254	1.09623	1.09623	0.00876948	0.305632	-3.27191
cg11630154	SOX14;SOX14	0.000760918	0.00618889	0.649881	-1.53874	0.599038	1.06614	1.06614	0.00254713	1.65767	1.65767	0.321077	1.13174	1.13174	0.00378456	0.624004	-1.60255
cg06613095	SOX14;SOX14	0.00120435	0.592639	0.817164	-1.22374	0.0363009	2.48438	2.48438	0.0107472	3.31471	3.31471	0.745575	0.885388	-1.12945	0.643011	1.19066	1.19066
cg13098960	SOX15	0.0322056	0.313383	0.736556	-1.35767	0.827629	0.938055	-1.06604	0.124302	1.62909	1.62909	0.140883	1.59113	1.59113	0.0374091	0.492497	-2.03047
cg12169865	SOX15;FXR2	0.00410489	0.0632296	1.30813	1.30813	0.0190725	0.694345	-1.44021	0.188989	1.19591	1.19591	0.00690537	1.5676	1.5676	0.00146348	0.553952	-1.80521
cg01029592	SOX15;SOX15	0.00200051	0.496667	1.14118	1.14118	0.0127074	0.552913	-1.8086	0.0886829	0.698137	-1.43238	0.0369269	1.58995	1.58995	0.000239362	0.312351	-3.20152
cg13159929	SOX15;SOX15	0.0261904	0.316081	1.28881	1.28881	0.0161826	2.05459	2.05459	0.0290655	1.87705	1.87705	0.0460548	1.74994	1.74994	0.111403	1.52874	1.52874
cg16830930	SOX17	4.06E-07	0.884801	0.982971	-1.01732	0.680233	0.952086	-1.05032	2.55E-05	2.69015	2.69015	0.197014	1.17538	1.17538	0.0404265	1.32371	1.32371
cg00123055	SOX17	1.80E-06	0.750145	1.03415	1.03415	0.716429	0.962384	-1.03909	0.0939044	1.21362	1.21362	0.379241	0.909543	-1.09945	0.714962	0.962182	-1.0393
cg12883523	SOX17	1.64E-05	0.00135014	0.526078	-1.90086	0.0236536	1.45172	1.45172	0.0182846	0.673568	-1.48463	0.328124	1.14943	1.14943	0.00288934	0.568234	-1.75984
cg02222728	SOX17	2.05E-05	0.0111105	0.824808	-1.2124	0.153588	1.09684	1.09684	0.0188789	1.18774	1.18774	0.0306092	1.16612	1.16612	0.0960231	1.11693	1.11693
cg08044097	SOX17	5.50E-05	0.000869805	2.68605	2.68605	0.00740692	1.97852	1.97852	0.0074793	1.97599	1.97599	2.88E-05	5.07603	5.07603	0.426736	1.17411	1.17411
cg24928391	SOX17	0.000129984	0.551542	0.859061	-1.16406	0.100746	1.57354	1.57354	0.253085	1.35123	1.35123	0.00319147	2.76022	2.76022	0.85766	0.955736	-1.04631
cg15710198	SOX17	0.000203304	0.964568	1.00913	1.00913	0.0302573	0.593934	-1.68369	0.487938	1.15501	1.15501	1.46E-05	6.30843	6.30843	0.147485	0.727709	-1.37417
cg15377283	SOX17	0.000347465	0.0246517	0.498815	-2.00475	0.482863	1.20368	1.20368	0.746249	1.08806	1.08806	0.101133	0.627097	-1.59465	0.00429301	2.69874	2.69874
cg24891539	SOX17	0.000376393	0.477038	1.08171	1.08171	0.123442	1.19874	1.19874	0.338907	1.11303	1.11303	0.0942867	0.818877	-1.22118	0.31617	1.11916	1.11916
cg24150172	SOX17	0.00209425	0.654957	1.09762	1.09762	0.468898	0.858476	-1.16486	0.556466	0.88411	-1.13108	0.327849	0.811271	-1.23263	0.470318	1.16427	1.16427
cg04672706	SOX17	0.00356549	0.116218	1.47192	1.47192	0.107871	1.48778	1.48778	0.816055	0.948602	-1.05418	0.00978829	2.09511	2.09511	0.88338	0.967309	-1.0338
cg09626193	SOX17	0.0040699	0.914428	1.03489	1.03489	0.959795	1.01621	1.01621	0.887881	1.04604	1.04604	0.0180281	2.50093	2.50093	0.347692	0.734555	-1.36137
cg15186181	SOX17	0.00493458	0.400737	1.22532	1.22532	0.249951	0.75274	-1.32848	0.297857	1.2904	1.2904	0.0271835	1.85454	1.85454	0.624457	0.889977	-1.12363
cg26059468	SOX17;SOX17	0.0126027	0.721918	1.15156	1.15156	0.592951	1.23749	1.23749	0.566928	1.25678	1.25678	0.785184	1.11393	1.11393	0.460519	1.34542	1.34542
cg23509896	SOX18	0.0154777	0.00983833	0.145067	-6.89335	0.518662	1.47276	1.47276	0.0300662	4.52506	4.52506	0.017904	0.182218	-5.48795	0.0135077	0.163815	-6.10444
cg01355392	SOX18	0.0166236	0.671487	1.18618	1.18618	0.000870653	7.38234	7.38234	0.208111	1.70092	1.70092	0.0385885	2.60892	2.60892	0.107018	0.494511	-2.0222
cg21721340	SOX18	0.0168094	0.0194228	1.82499	1.82499	0.0951235	1.47756	1.47756	0.105412	1.45731	1.45731	0.899752	0.973527	-1.02719	0.00832991	0.487794	-2.05005
cg24199599	SOX18	0.0199069	0.502606	0.774281	-1.29152	0.00220216	0.199131	-5.02183	0.0103244	0.296716	-3.37023	0.61516	0.826471	-1.20996	0.0716731	0.469453	-2.13014
cg26033254	SOX18	0.0205315	0.709297	1.09831	1.09831	0.141725	0.673265	-1.4853	0.801595	1.06508	1.06508	0.383585	1.25072	1.25072	0.812435	0.942216	-1.06133
cg18194354	SOX18	0.0482845	0.150216	1.32131	1.32131	0.480187	0.878402	-1.13843	0.0647408	1.45465	1.45465	0.724781	0.938137	-1.06594	0.532745	1.12091	1.12091
cg06649044	SOX18;SOX18	0.0117841	0.465396	0.925028	-1.08105	0.924269	1.01002	1.01002	0.201316	1.15207	1.15207	0.145737	1.17803	1.17803	0.344183	0.902838	-1.10762
cg14842777	SOX1;SOX1	0.0104954	0.018778	0.387338	-2.58173	0.549189	0.817185	-1.22371	0.879621	0.950769	-1.05178	0.149009	1.67449	1.67449	0.317411	0.708737	-1.41096
cg01236132	SOX1;SOX1	0.0172453	0.359444	1.1321	1.1321	0.00158464	0.550383	-1.81692	0.432766	0.899948	-1.11118	0.790222	1.03573	1.03573	0.0979575	1.27004	1.27004
cg27442308	SOX21	0.00648162	0.140195	1.75118	1.75118	0.479092	0.775665	-1.28922	0.753752	0.894847	-1.11751	0.00305109	0.238664	-4.19	0.279037	0.672096	-1.48788
cg23333915	SOX21	0.0195816	0.0915794	0.847279	-1.18025	0.32565	0.91344	-1.09476	0.0068933	1.3662	1.3662	0.478611	0.937761	-1.06637	0.281246	0.904924	-1.10507
cg11699435	SOX21	0.0222229	0.0804255	0.726372	-1.3767	0.49989	0.893238	-1.11952	0.226487	1.23289	1.23289	0.834157	1.03517	1.03517	0.684864	1.06958	1.06958
cg16201674	SOX21	0.0397537	0.4362	1.1458	1.1458	0.18414	0.78553	-1.27303	0.770784	1.05133	1.05133	0.00297224	0.497337	-2.01071	0.959542	0.991346	-1.00873
cg00068160	SOX21;SOX21	0.000713016	1.52E-05	0.183372	-5.4534	0.0568307	0.664904	-1.50398	0.0336156	1.59982	1.59982	0.281829	1.23585	1.23585	0.0163459	0.573636	-1.74327
cg14493161	SOX21;SOX21	0.00669963	0.151002	0.829324	-1.2058	0.00902413	0.667867	-1.4973	0.0332194	1.35352	1.35352	0.011689	1.46689	1.46689	0.251204	1.15695	1.15695
cg03827626	SOX2;SOX2OT;SOX2	0.00705575	0.0914648	0.440381	-2.27076	0.00416182	0.183638	-5.4455	0.0447516	0.361804	-2.76393	0.72281	0.854568	-1.17018	0.00924288	0.232742	-4.2966
cg23978504	SOX2OT	0.000113102	0.0303261	1.8178	1.8178	0.000213994	4.26797	4.26797	0.00118851	3.05132	3.05132	0.991337	1.00255	1.00255	0.00524468	2.37329	2.37329
cg08196553	SOX2OT	0.000123586	0.0409415	1.52384	1.52384	0.000136811	3.24803	3.24803	0.00158683	2.24677	2.24677	0.57591	0.904019	-1.10617	0.00101694	2.38716	2.38716
cg09831562	SOX2OT	0.000249057	0.000111239	0.0659017	-15.1741	0.000228941	0.0885459	-11.2936	0.000746046	0.136097	-7.34769	0.00847895	0.280638	-3.56331	0.000117311	0.0674138	-14.8338
cg02417857	SOX2OT	0.000473158	9.56E-05	0.102895	-9.7186	0.000234186	0.13567	-7.37084	0.03346	0.443282	-2.2559	0.449441	0.776967	-1.28706	0.000512681	0.169338	-5.90534
cg18184251	SOX2OT	0.00211774	0.0103155	0.56935	-1.75639	0.105727	1.36068	1.36068	0.0142867	1.69312	1.69312	0.0584384	0.688907	-1.45157	0.483987	0.883413	-1.13197
cg10263682	SOX2OT	0.00231881	0.0145653	4.43712	4.43712	0.00129088	10.1973	10.1973	0.0115219	4.78156	4.78156	0.211108	1.92018	1.92018	0.00556851	6.06861	6.06861
cg17917241	SOX2OT	0.00368352	0.0025968	0.322109	-3.10453	0.00776382	0.395304	-2.5297	0.062788	0.566454	-1.76537	0.446048	1.23475	1.23475	0.119686	1.58148	1.58148
cg15721584	SOX2OT	0.00452808	0.000535199	0.158079	-6.32595	0.0299083	0.417022	-2.39796	0.084965	0.520941	-1.9196	0.575101	0.823744	-1.21397	0.00263998	0.240609	-4.15611
cg05513806	SOX2OT	0.00516134	0.238807	0.662883	-1.50856	0.00119939	0.205651	-4.86261	0.00207688	0.235835	-4.24026	0.0728097	1.94834	1.94834	0.0866714	0.532244	-1.87884
cg03880173	SOX2OT	0.00736884	0.0214023	7.41216	7.41216	0.006245	13.2283	13.2283	0.0137971	9.07408	9.07408	0.22393	2.52372	2.52372	0.012757	9.4117	9.4117
cg16661554	SOX2OT	0.0165694	0.203541	1.29084	1.29084	0.0422973	0.640881	-1.56035	0.0698626	1.47048	1.47048	0.115228	1.38508	1.38508	0.870902	1.03142	1.03142
cg16246169	SOX2OT	0.0182496	0.111865	2.04247	2.04247	0.00176943	6.83098	6.83098	0.0604134	2.40695	2.40695	0.286482	1.57328	1.57328	0.0481509	2.55706	2.55706

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13505905	0.00222608	0.344017	-2.90683	0.00204854	0.338863	-2.95104	0.00443879	2.57419	2.57419	0.0539817	0.579934	-1.72433	10.6189	10.4333	0.873353	1
cg05008139	0.000514173	1.5606	1.5606	0.563956	1.04905	1.04905	0.00594742	1.34352	1.34352	0.0512411	0.833401	-1.1999	9.66039	1.03118	0.0948824	1
cg06994238	0.335406	1.14538	1.14538	7.07E-05	2.69246	2.69246	0.0858978	1.29607	1.29607	0.42137	1.11878	1.11878	8.32978	2.46312	0.262845	1
cg23797411	0.226401	0.893466	-1.11924	0.0261763	0.791393	-1.26359	0.0156729	1.30044	1.30044	0.00667097	1.36637	1.36637	5.87596	0.731964	0.110728	1
cg03958798	0.478727	1.13178	1.13178	0.119637	1.3368	1.3368	0.720979	0.940214	-1.06359	0.0542888	1.45561	1.45561	4.83899	2.26465	0.416	1
cg12456799	0.0598124	12.5917	12.5917	0.00889546	53.0048	53.0048	0.0153092	34.8455	34.8455	0.0123736	41.0171	41.0171	4.30742	97.0479	20.027	1
cg17321814	0.0930602	10.5938	10.5938	0.010324	62.0452	62.0452	0.0134094	49.9809	49.9809	0.00963272	65.7387	65.7387	4.22405	109.17	22.9732	1
cg23493016	0.0846313	9.17166	9.17166	0.00334296	103.566	103.566	0.0205917	25.5483	25.5483	0.0194512	26.6399	26.6399	4.19146	89.6239	19.0067	1
cg04159420	0.897737	0.968794	-1.03221	0.00237865	0.351881	-2.84187	0.33179	0.781236	-1.28002	0.595654	1.14117	1.14117	4.07764	3.92602	0.855836	1
cg11804932	0.11754	1.3903	1.3903	0.799101	0.951765	-1.05068	0.463361	1.15568	1.15568	0.0976676	1.42228	1.42228	3.81609	2.27102	0.528994	1
cg10862354	0.639744	0.88403	-1.13118	0.00597065	2.55951	2.55951	0.789368	1.07252	1.07252	0.222521	0.715199	-1.39821	3.75823	4.06955	0.96252	1
cg17514291	0.0686755	0.629586	-1.58834	0.000492388	3.45265	3.45265	0.76855	0.935193	-1.0693	0.0601443	0.617896	-1.61839	12.3155	10.0559	0.725797	1
cg26398510	0.019748	0.467828	-2.13754	0.771277	1.08183	1.08183	0.151733	0.660742	-1.51345	0.00992222	0.415244	-2.40822	6.96179	8.02744	1.02495	1
cg10651637	0.0208392	0.778457	-1.28459	0.00623493	0.725419	-1.37851	0.775166	0.974544	-1.02612	0.000784783	0.633075	-1.57959	5.63727	0.723852	0.114137	1
cg10212184	0.556287	0.912777	-1.09556	0.00183935	1.97085	1.97085	0.926421	1.01427	1.01427	0.5367	0.908515	-1.1007	5.04391	1.87888	0.331116	1
cg03026420	0.0504266	0.212612	-4.7034	0.010475	0.102858	-9.72213	0.226604	0.418922	-2.38708	0.553263	0.664529	-1.50482	5.6132	40.2673	5.57952	1
cg26196700	0.0712043	5.05637	5.05637	?	?	?	0.00899893	0.0652847	-15.3175	0.487942	0.572182	-1.74769	4.30172	23.1478	7.53347	1
cg01110103	0.0588214	0.84963	-1.17698	0.000327166	1.5578	1.5578	0.488267	0.947657	-1.05523	0.353046	1.07569	1.07569	15.9557	1.47332	0.0820781	1
cg25418363	0.00049281	2.31785	2.31785	0.00021185	2.59563	2.59563	0.0154364	1.58066	1.58066	0.541093	1.10001	1.10001	9.72719	3.65635	0.334124	1
cg04443016	0.0183699	1.72207	1.72207	0.041058	1.56491	1.56491	0.26815	0.803233	-1.24497	0.00806556	0.524853	-1.9053	8.88294	5.07694	0.508034	1
cg22964469	0.0159051	1.81398	1.81398	0.00349532	0.449732	-2.22355	0.0915525	0.68749	-1.45457	0.296213	0.803767	-1.24414	6.45583	4.15886	0.572625	1
cg07356488	0.258814	0.813106	-1.22985	0.0255212	0.627468	-1.59371	0.63218	0.918798	-1.08838	0.0115689	0.574376	-1.74102	5.26636	2.57223	0.434157	1
cg17232476	0.920828	0.986963	-1.01321	0.00464815	1.64367	1.64367	0.603259	0.933128	-1.07166	0.0876358	1.28258	1.28258	5.1982	1.43454	0.245306	1
cg14239983	0.373723	1.48372	1.48372	0.00949728	0.230098	-4.34597	0.25733	1.66881	1.66881	0.313484	0.637003	-1.56985	5.56419	15.9792	2.23361	1
cg20615117	0.0538294	1.83399	1.83399	0.00172861	3.44981	3.44981	0.00492276	2.80673	2.80673	0.208176	1.44428	1.44428	4.89184	5.9461	1.08046	1
cg15305564	0.0465378	0.486638	-2.05492	0.0397039	0.471705	-2.11997	0.0146531	2.58435	2.58435	0.0358231	0.462268	-2.16325	4.78559	7.56578	1.40529	1
cg14994639	0.0189669	0.287347	-3.48012	0.0451777	0.36467	-2.74221	0.432317	0.703439	-1.42159	0.0396693	0.351966	-2.84118	4.54344	13.8658	2.71273	1
cg10107783	0.0138745	0.485452	-2.05994	0.0707717	0.618822	-1.61597	0.205833	1.37333	1.37333	0.259709	0.756176	-1.32244	4.4733	4.00319	0.795474	1
cg11606444	0.995803	1.00223	1.00223	0.00236401	6.02948	6.02948	0.396415	1.44475	1.44475	0.559752	0.778905	-1.28385	4.15685	11.8179	2.5271	1
cg15241519	0.756372	0.940644	-1.0631	0.00207794	2.34487	2.34487	0.182922	1.32032	1.32032	0.116939	1.39777	1.39777	3.42857	2.09929	0.54426	1
cg00683961	0.0339492	0.798887	-1.25174	0.0649112	1.20684	1.20684	0.431745	0.92981	-1.07549	0.0210757	0.777542	-1.2861	6.76729	0.881643	0.115804	1
cg23616212	0.0127042	1.99985	1.99985	0.528466	0.866821	-1.15364	0.851774	1.04275	1.04275	0.0181443	1.90042	1.90042	4.97488	3.94623	0.705094	1
cg16988986	0.0402122	1.93092	1.93092	0.284391	1.36165	1.36165	0.933546	1.02342	1.02342	0.0101386	2.46031	2.46031	4.6521	5.67759	1.08483	1
cg26354721	0.0027338	0.568327	-1.75955	0.0365894	1.39354	1.39354	0.351446	1.13998	1.13998	0.00172397	0.542844	-1.84215	16.2161	4.79336	0.262749	1
cg01361555	0.478398	1.0945	1.0945	0.55564	1.07754	1.07754	0.680218	0.949399	-1.0533	0.0648137	0.771183	-1.29671	9.95054	2.47389	0.220995	1
cg05782288	0.540614	1.06583	1.06583	0.0386055	0.781491	-1.27961	0.660091	0.955475	-1.0466	0.0311731	1.29726	1.29726	6.45758	1.08321	0.149105	1
cg26703129	0.0998274	0.479224	-2.08671	0.0437974	0.388607	-2.5733	0.356103	1.47279	1.47279	0.0213866	0.323741	-3.08889	4.9914	13.1518	2.34213	1
cg19144769	0.476249	1.22961	1.22961	0.165593	1.52497	1.52497	0.127877	1.59953	1.59953	0.00224145	0.294915	-3.39081	4.54842	5.86565	1.14631	1
cg27580905	0.938456	0.972475	-1.0283	0.196258	0.61024	-1.6387	0.911767	1.04088	1.04088	0.793504	0.909537	-1.09946	4.19463	8.67903	1.83918	1
cg06163227	0.000138696	0.576255	-1.73534	0.0108952	0.765246	-1.30677	0.132626	0.872988	-1.14549	0.213797	1.1158	1.1158	9.28065	1.02994	0.0986464	1
cg12811564	0.0016081	0.655081	-1.52653	0.163959	1.14899	1.14899	0.06481	0.823726	-1.214	0.0197924	0.768649	-1.30098	9.04597	1.25264	0.123089	1
cg26512148	0.00282079	0.698129	-1.4324	0.0319766	1.24548	1.24548	0.781745	1.02456	1.02456	0.0944252	1.17421	1.17421	6.50636	0.786306	0.107424	1
cg26283426	0.00775363	0.516457	-1.93627	0.00184269	0.425461	-2.35039	0.00309112	0.457331	-2.1866	0.951629	1.01179	1.01179	18.8711	11.1595	0.525646	1
cg15596932	0.77318	0.919968	-1.08699	0.0145971	0.41972	-2.38254	0.197867	0.675122	-1.48121	0.294312	0.730539	-1.36885	6.70844	8.85259	1.173	1
cg16182479	0.00928823	3.37284	3.37284	0.234243	1.58299	1.58299	0.00623658	3.7179	3.7179	0.0188653	2.85115	2.85115	5.73763	12.33	1.9102	1
cg13749379	0.0201541	6.22008	6.22008	0.00556452	10.7533	10.7533	0.00629645	10.1841	10.1841	0.0258184	5.619	5.619	5.67029	38.1993	5.98821	1
cg14256699	0.287859	0.687104	-1.45538	0.0504852	0.468571	-2.13415	0.0108321	0.33679	-2.96921	0.632006	0.848664	-1.17832	4.80068	8.79361	1.62821	1
cg21817179	0.0528787	0.481703	-2.07597	0.000522461	0.166077	-6.02131	0.019439	0.391441	-2.55466	0.448647	0.77389	-1.29217	5.33741	9.31566	1.55142	1
cg13864794	0.516705	0.837576	-1.19392	0.0021581	0.313155	-3.1933	0.00662369	0.386673	-2.58616	0.824559	0.9419	-1.06168	3.88338	4.47008	1.02318	1
cg11417025	0.411777	0.668774	-1.49527	0.00162064	0.114657	-8.72166	0.0145731	0.236382	-4.23045	0.516582	0.729595	-1.37062	3.63706	13.2374	3.2352	1
cg11750165	0.00578517	2.07749	2.07749	0.000317094	3.25274	3.25274	5.80E-06	7.8624	7.8624	0.00406656	2.18133	2.18133	21.4587	13.8987	0.57573	1
cg00663972	0.443459	0.905682	-1.10414	0.0430938	0.744468	-1.34324	0.09555	0.792822	-1.26132	0.0764211	1.28392	1.28392	11.7564	2.99322	0.226313	1
cg25463470	0.109509	2.12523	2.12523	?	?	?	0.000144823	0.0591728	-16.8997	0.0319983	0.337713	-2.96109	11.0749	25.4661	2.62794	1
cg24604013	0.0172544	1.37002	1.37002	0.302502	0.89055	-1.1229	0.00016261	2.01044	2.01044	0.704403	1.04223	1.04223	7.59913	1.41746	0.165804	1
cg19802138	0.742255	0.955058	-1.04706	0.00979596	0.634437	-1.5762	0.0867245	0.76827	-1.30163	0.0803101	1.31038	1.31038	5.64313	1.73514	0.273313	1
cg06675478	0.00914235	0.731383	-1.36727	0.534772	0.942334	-1.06119	0.270173	1.11458	1.11458	0.0354734	1.26027	1.26027	3.77173	0.533253	0.125673	1
cg20194811	0.0409772	1.8728	1.8728	0.863524	0.955265	-1.04683	0.14266	1.52069	1.52069	0.0570941	1.77294	1.77294	3.77156	4.22695	0.996215	1
cg12312988	0.958965	1.00981	1.00981	8.19E-06	0.157564	-6.34662	0.0459074	1.54366	1.54366	0.0346141	1.59594	1.59594	15.9962	9.12135	0.506863	1
cg08165221	0.466301	1.07807	1.07807	0.000495939	0.575375	-1.738	0.476508	0.92923	-1.07616	0.00141496	1.59747	1.59747	15.2557	2.48394	0.144729	1
cg08526991	0.0258462	0.838582	-1.19249	0.00167007	0.741489	-1.34864	0.0065528	0.790595	-1.26487	0.408197	1.0579	1.0579	6.66624	0.467335	0.0623153	1
cg18449120	0.491225	0.851211	-1.1748	0.998357	0.999526	-1.00047	0.889666	0.968525	-1.0325	0.0149298	1.99303	1.99303	3.78129	3.17926	0.747367	1
cg06830064	0.000539106	0.223576	-4.47275	2.55E-05	0.0978194	-10.2229	0.000108316	0.149723	-6.67901	0.000108738	0.149881	-6.67196	25.1787	30.8919	1.09059	1
cg04043795	0.980383	0.984219	-1.01603	0.183105	2.51493	2.51493	0.879572	1.10307	1.10307	0.26212	2.14112	2.14112	5.78205	37.5189	5.04689	1
cg16330247	0.452729	0.733395	-1.36352	0.00248781	0.181959	-5.49574	0.0626227	0.427722	-2.33797	0.176041	0.558153	-1.79162	4.95756	12.9007	2.31309	1
cg20927661	0.252308	0.576415	-1.73486	?	?	?	0.00612588	0.192441	-5.19641	0.165177	0.505575	-1.97794	5.02591	15.0185	2.98821	1
cg03594550	0.198453	0.481467	-2.07699	0.00567816	0.142089	-7.03786	0.0306268	0.255126	-3.91963	0.122136	0.406128	-2.46228	4.91886	22.5336	4.07206	1
cg26659079	0.171933	0.898861	-1.11252	0.0645101	0.858747	-1.16449	0.0241639	0.821091	-1.21789	0.00933174	1.27353	1.27353	4.13321	0.351977	0.0756963	1
cg10625705	0.0185503	1.20086	1.20086	0.000316776	0.687982	-1.45353	0.267967	0.928692	-1.07678	0.0287776	1.17978	1.17978	12.7649	0.830978	0.0578655	1
cg25575688	0.357016	1.26689	1.26689	0.00517705	0.397838	-2.51358	0.572401	0.867227	-1.1531	0.0687507	0.601269	-1.66315	6.02216	5.94801	0.877944	1
cg18835942	0.000908393	0.435132	-2.29815	0.327237	1.18485	1.18485	0.102239	1.34977	1.34977	0.0548555	1.4408	1.4408	4.98504	2.22076	0.395987	1
cg23827867	0.360726	1.16146	1.16146	0.00226699	0.506441	-1.97456	0.204979	0.808126	-1.23743	0.836554	0.967628	-1.03345	4.02261	1.61665	0.357237	1
cg03342008	0.0943339	0.66443	-1.50505	0.00141971	0.358289	-2.79105	0.130359	0.695463	-1.43789	0.620365	0.894942	-1.11739	7.99243	6.25516	0.695676	1
cg15090834	0.695621	1.09266	1.09266	0.106065	0.671789	-1.48856	0.737008	1.07892	1.07892	0.367357	1.23207	1.23207	3.54912	2.85506	0.715061	1
cg22337509	0.00134424	0.205746	-4.86036	0.277393	0.68155	-1.46724	0.947233	0.977787	-1.02272	0.0163744	0.369407	-2.70704	7.61919	13.8996	1.62159	1
cg08258667	0.303905	0.879011	-1.13764	0.688189	1.05007	1.05007	0.289895	0.875434	-1.14229	0.00535433	0.641317	-1.55929	5.75892	1.33781	0.206491	1
cg20248527	0.564651	0.893899	-1.1187	0.000217478	0.304793	-3.28091	0.0910839	0.698702	-1.43123	0.194485	0.767665	-1.30265	5.63804	3.31368	0.522433	1
cg11669877	0.0517692	0.860023	-1.16276	0.0855304	0.878549	-1.13824	0.00361099	0.764617	-1.30784	0.0216249	1.20671	1.20671	5.41667	0.398162	0.0653394	1
cg07142667	0.0309956	0.405238	-2.46768	0.0132666	0.334651	-2.98819	0.349019	0.709016	-1.41041	0.0451278	0.440465	-2.27033	5.12334	10.3234	1.79109	1
cg17220116	0.713692	1.06234	1.06234	0.509341	1.11611	1.11611	0.0419952	1.46899	1.46899	0.0884363	0.734569	-1.36134	4.51136	1.92425	0.379143	1
cg11216917	0.189996	0.556786	-1.79602	0.0190775	0.302125	-3.30988	0.0209737	0.309856	-3.22731	0.0247672	0.323833	-3.08801	3.584	10.1018	2.50541	1
cg08073312	0.000310555	0.446462	-2.23983	0.859719	1.02468	1.02468	2.37E-07	8.43948	8.43948	6.39E-05	2.75502	2.75502	51.6656	15.5446	0.267439	1
cg03811478	0.0651412	1.18522	1.18522	1.63E-06	2.68858	2.68858	3.56E-05	1.92443	1.92443	2.66E-05	1.97667	1.97667	32.2476	3.43937	0.0948047	1
cg00088130	0.786571	0.953544	-1.04872	0.0560866	0.684378	-1.46118	2.83E-06	7.1382	7.1382	0.102367	1.36795	1.36795	29.3938	14.3016	0.432491	1
cg27505273	0.761891	1.11186	1.11186	0.144826	0.579025	-1.72704	7.61E-06	30.9292	30.9292	0.00026431	8.09305	8.09305	22.822	44.006	1.71398	1
cg16921083	0.000200001	3.53984	3.53984	0.484856	1.15454	1.15454	0.00040891	3.11591	3.11591	0.335022	1.22297	1.22297	19.2127	12.4719	0.577021	1
cg04945331	0.330424	1.24144	1.24144	0.293556	0.790866	-1.26444	2.46E-06	11.6953	11.6953	0.331728	1.24067	1.24067	17.216	12.6443	0.652843	1
cg22885558	0.528648	0.873671	-1.1446	0.00827271	0.48949	-2.04294	2.22E-05	6.05355	6.05355	0.212117	1.32058	1.32058	13.1508	9.32262	0.630136	1
cg16428251	0.251906	0.683444	-1.46318	0.0554119	0.501353	-1.9946	0.000212717	7.15385	7.15385	0.0331293	2.20802	2.20802	9.39702	15.0496	1.42358	1
cg26869578	0.197819	1.42456	1.42456	0.715888	1.09969	1.09969	0.000118289	5.763	5.763	0.24867	1.36818	1.36818	5.87611	6.28953	0.951428	1
cg03802069	0.527007	1.09602	1.09602	0.000823843	0.486383	-2.05599	0.0549448	1.36525	1.36525	0.0677907	1.33997	1.33997	5.43043	1.75987	0.288067	1
cg14783581	0.38664	0.675404	-1.48059	0.49742	0.737382	-1.35615	0.000384181	12.2561	12.2561	0.0623061	2.52928	2.52928	5.11481	15.8417	2.75308	1
cg04374393	0.907812	0.954137	-1.04807	0.499551	0.757465	-1.32019	0.00284636	5.28371	5.28371	0.0291699	2.83404	2.83404	4.87035	12.6698	2.31236	1
cg10343742	0.981875	1.00773	1.00773	0.23511	0.655713	-1.52506	0.00145645	4.75598	4.75598	0.0298966	2.37856	2.37856	4.86345	8.85944	1.61923	1
cg13217064	0.264785	0.66186	-1.51089	0.579643	0.819818	-1.21978	0.723852	0.881645	-1.13424	0.403249	1.35489	1.35489	3.79777	7.58399	1.77508	1
cg11630154	0.122728	0.817192	-1.2237	0.0220304	0.717825	-1.3931	0.000372537	1.98828	1.98828	0.0231369	1.38792	1.38792	12.7098	2.93336	0.20515	1
cg06613095	0.627887	0.833087	-1.20036	0.806754	1.09596	1.09596	1.75E-05	26.7336	26.7336	0.586104	0.81419	-1.22821	11.1602	24.7081	1.96794	1
cg13098960	0.236095	1.43918	1.43918	0.012717	2.47924	2.47924	0.0633746	1.84454	1.84454	0.028518	2.13373	2.13373	3.98473	5.42689	1.2106	1
cg12169865	0.0330168	0.725776	-1.37783	0.121801	0.806035	-1.24064	0.359582	1.12874	1.12874	0.0945356	0.789568	-1.26652	7.79142	2.03962	0.232691	1
cg01029592	0.640745	1.0941	1.0941	0.00600697	1.98769	1.98769	0.520473	1.13274	1.13274	0.0902399	1.42939	1.42939	9.64119	5.59084	0.515459	1
cg13159929	0.638318	0.890573	-1.12287	0.00220077	2.85965	2.85965	0.6358	1.12386	1.12386	0.039001	1.79474	1.79474	4.28713	4.0682	0.843497	1
cg16830930	0.497357	1.08506	1.08506	6.12E-05	0.416328	-2.40195	5.60E-09	19.176	19.176	0.0870549	1.2509	1.2509	92.2682	20.5119	0.197606	1
cg00123055	0.0596102	0.799761	-1.25037	0.00283043	0.649125	-1.54054	1.73E-08	9.69658	9.69658	0.612113	0.947673	-1.05522	63.1146	11.043	0.155526	1
cg12883523	0.0489171	0.733264	-1.36377	5.01E-05	2.85616	2.85616	1.26E-06	5.58982	5.58982	0.172002	0.818247	-1.22212	35.6931	10.761	0.267989	1
cg02222728	0.416806	1.05149	1.05149	0.0384307	0.864929	-1.15616	2.38E-07	2.54966	2.54966	0.0250417	1.17501	1.17501	33.6496	1.9506	0.0515271	1
cg08044097	0.386011	1.19216	1.19216	0.439336	0.855562	-1.16882	1.79E-06	10.5467	10.5467	0.41482	1.17923	1.17923	25.9552	16.0808	0.550722	1
cg24928391	0.855234	0.95499	-1.04713	0.75589	1.08182	1.08182	1.27E-06	23.1224	23.1224	0.044678	1.78827	1.78827	20.6373	20.7852	0.895261	1
cg15710198	0.793391	0.947735	-1.05515	0.114095	0.703616	-1.42123	7.44E-05	4.35673	4.35673	0.146828	1.37499	1.37499	18.2897	12.1155	0.588817	1
cg15377283	0.848326	0.951447	-1.05103	0.0358631	1.88637	1.88637	7.54E-06	12.9345	12.9345	0.835873	0.947503	-1.05541	15.8008	16.9092	0.951247	1
cg24891539	0.725414	0.962417	-1.03905	0.0049695	0.667655	-1.49778	7.10E-06	2.93978	2.93978	0.777459	0.969687	-1.03126	15.4571	2.88898	0.166136	1
cg24150172	0.391779	0.833857	-1.19925	0.00324765	0.435526	-2.29607	7.74E-05	4.40167	4.40167	0.223534	0.767341	-1.3032	9.51327	6.4611	0.603704	1
cg04672706	0.419052	1.20559	1.20559	0.0469382	0.597496	-1.67365	0.00017853	4.21029	4.21029	0.0800073	0.644127	-1.55249	8.12856	6.60145	0.721893	1
cg09626193	0.733963	0.896876	-1.11498	0.781697	1.09267	1.09267	6.06E-05	10.6261	10.6261	0.215711	1.51546	1.51546	7.81158	12.5937	1.43305	1
cg15186181	0.467937	0.839897	-1.19062	0.129209	0.678883	-1.47301	0.000123952	4.85976	4.85976	0.233738	1.34303	1.34303	7.36815	6.51287	0.785709	1
cg26059468	0.457376	1.34833	1.34833	0.165776	0.557842	-1.79262	0.000171464	12.4493	12.4493	0.689444	0.853316	-1.1719	5.48541	13.5478	2.19537	1
cg23509896	0.0570397	0.279697	-3.5753	0.0360737	0.236345	-4.2311	0.354996	0.569502	-1.75592	0.301991	0.531154	-1.88269	5.1272	28.4285	4.92858	1
cg01355392	0.0433478	2.53454	2.53454	0.773286	0.890828	-1.12255	0.203381	1.71147	1.71147	0.0672756	2.2721	2.2721	5.0068	12.7019	2.25504	1
cg21721340	0.746752	0.933349	-1.07141	0.0256398	1.75831	1.75831	0.0150532	1.88906	1.88906	0.51222	1.152	1.152	4.98825	3.58028	0.637994	1
cg24199599	0.338666	0.690158	-1.44894	0.00630055	0.262416	-3.81075	0.0370989	0.402488	-2.48455	0.954485	1.02169	1.02169	4.71203	10.5506	1.99029	1
cg26033254	0.105444	0.642165	-1.55723	0.000381958	0.241664	-4.13798	0.698589	0.907164	-1.10234	0.290626	0.759874	-1.31601	4.66277	4.63009	0.882659	1
cg18194354	0.0199175	0.601921	-1.66135	0.0119804	0.56762	-1.76174	0.258706	0.808248	-1.23724	0.812936	1.04376	1.04376	3.43329	1.77457	0.459442	1
cg06649044	0.413081	1.09175	1.09175	0.000265071	0.533464	-1.87454	0.575443	0.942371	-1.06115	0.411904	1.092	1.092	5.60639	0.977069	0.154913	1
cg14842777	0.0644095	1.99793	1.99793	0.000461429	0.159449	-6.27161	0.851109	0.939324	-1.0646	0.910027	1.03837	1.03837	5.81975	10.2279	1.56217	1
cg01236132	0.108165	1.25961	1.25961	0.364197	0.884451	-1.13064	0.699645	0.950232	-1.05237	0.0186305	1.45585	1.45585	4.94571	1.35824	0.244115	1
cg27442308	0.00036943	0.133644	-7.48254	0.610183	0.833995	-1.19905	0.199886	1.61303	1.61303	0.517836	1.26046	1.26046	6.77532	13.3755	1.7548	1
cg23333915	0.103691	0.853217	-1.17203	0.00270243	0.690934	-1.44732	0.403693	0.926605	-1.07921	0.337832	0.915629	-1.09215	4.73845	0.597222	0.112033	1
cg11699435	0.266013	0.826071	-1.21055	0.000766195	0.431627	-2.31682	0.0351116	0.667188	-1.49883	0.932751	1.01401	1.01401	4.53821	1.95347	0.382623	1
cg16201674	0.299549	0.831757	-1.20227	0.0401294	0.666069	-1.50135	0.0871244	1.3822	1.3822	0.687911	1.07164	1.07164	3.69152	1.71644	0.413304	1
cg00068160	0.804695	0.954175	-1.04803	0.379039	0.842935	-1.18633	0.365189	0.838484	-1.19263	0.142712	1.34755	1.34755	12.9439	7.34869	0.504652	1
cg14493161	0.773627	0.965537	-1.03569	0.0367921	0.744551	-1.34309	0.0281076	0.729505	-1.37079	0.0229032	1.39236	1.39236	6.70607	1.57066	0.208191	1
cg03827626	0.131925	0.487948	-2.0494	0.00069474	0.101918	-9.8118	0.00370945	0.177273	-5.64102	0.0837974	0.429834	-2.32648	6.59877	20.3501	2.74127	1
cg23978504	0.0144247	2.02944	2.02944	3.46E-06	12.9842	12.9842	0.000392977	3.76459	3.76459	0.00842742	2.2028	2.2028	21.4225	18.6935	0.775653	1
cg08196553	0.00499775	1.9412	1.9412	5.35E-06	6.30028	6.30028	0.000940683	2.41325	2.41325	0.0171215	1.68008	1.68008	20.9191	10.5624	0.448814	1
cg09831562	0.02614	0.373191	-2.67959	0.000690812	0.132582	-7.54252	0.0440601	2.36221	2.36221	0.00188913	0.183454	-5.45096	22.0109	45.0894	1.59328	1
cg02417857	0.380139	1.34282	1.34282	0.28969	0.697798	-1.43308	0.0924967	1.83347	1.83347	0.00377296	0.278086	-3.59601	14.5108	24.6376	1.50923	1
cg18184251	0.000722174	0.408005	-2.45095	0.0031158	0.494284	-2.02313	0.169258	0.774744	-1.29075	0.0550765	1.46092	1.46092	9.48234	4.56154	0.427606	1
cg10263682	0.0159929	4.30775	4.30775	0.000330961	17.632	17.632	0.00203111	8.62382	8.62382	0.0104162	4.93931	4.93931	9.23391	35.8592	3.45194	1
cg17917241	0.0290881	2.01026	2.01026	0.270675	0.73246	-1.36526	0.0125467	2.32315	2.32315	0.0169251	0.45345	-2.20532	8.04958	9.39592	1.03756	1
cg15721584	0.306199	1.4372	1.4372	0.135068	0.576071	-1.7359	0.615921	1.18905	1.18905	0.00329659	0.253962	-3.93759	7.56343	14.04	1.65005	1
cg05513806	0.607919	0.841592	-1.18822	0.0851737	0.530309	-1.88569	0.208689	1.55532	1.55532	0.0719986	1.95288	1.95288	7.26772	12.7844	1.56361	1
cg03880173	0.0274089	6.62315	6.62315	0.00126212	30.2739	30.2739	0.00512108	14.5801	14.5801	0.0156961	8.54724	8.54724	6.50987	54.128	7.3909	1
cg16661554	0.982345	1.00422	1.00422	0.00135706	0.412797	-2.4225	0.569149	1.11566	1.11566	0.199875	1.29383	1.29383	5.01226	2.87233	0.509387	1
cg16246169	0.11049	2.04925	2.04925	0.00245105	6.11826	6.11826	0.0349497	2.7868	2.7868	0.031721	2.86083	2.86083	5.42051	13.9249	1.99806	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16239482	SOX2OT	0.0300167	0.0150467	0.187444	-5.33492	0.0290611	0.238974	-4.18456	0.0021552	0.084641	-11.8146	0.320322	0.571537	-1.74967	0.0142053	0.183418	-5.45202
cg17789809	SOX2OT	0.0326071	0.0117725	0.188662	-5.30048	0.0274835	0.250998	-3.9841	0.888176	1.07744	1.07744	0.25608	1.87473	1.87473	0.0459714	0.297453	-3.36188
cg04859466	SOX2OT	0.0372985	0.180514	1.56098	1.56098	0.0104622	2.74342	2.74342	0.687731	0.881147	-1.13488	0.201455	1.52569	1.52569	0.164096	0.628167	-1.59193
cg01530605	SOX2OT	0.0396223	0.201305	0.394375	-2.53566	0.255981	0.441499	-2.26501	0.551162	0.659837	-1.51553	0.0856433	3.70577	3.70577	0.166568	0.361699	-2.76473
cg01340005	SOX2OT;SOX2	0.00309111	0.429324	0.921665	-1.08499	0.000188272	0.528931	-1.8906	0.0479849	0.795676	-1.25679	0.411638	1.08858	1.08858	0.13332	1.17789	1.17789
cg08464053	SOX2OT;SOX2	0.00703979	0.0397509	0.727538	-1.3745	0.000692714	0.500234	-1.99907	0.0227801	1.43996	1.43996	0.0267917	0.703985	-1.42048	0.232694	0.845832	-1.18227
cg11142406	SOX2OT;SOX2	0.00866096	0.265236	0.644565	-1.55143	0.990727	1.00441	1.00441	0.180194	1.71315	1.71315	0.000114367	0.0772457	-12.9457	0.825371	0.919811	-1.08718
cg25933341	SOX2OT;SOX2	0.0122128	0.301908	1.44601	1.44601	0.00772004	0.307227	-3.25493	0.00775101	0.307508	-3.25195	0.0976734	1.87129	1.87129	0.0100079	0.325863	-3.06878
cg27331851	SOX2OT;SOX2	0.0167458	0.000644965	0.555609	-1.79983	0.54754	1.07071	1.07071	0.90458	1.01355	1.01355	0.127981	1.20289	1.20289	0.0615201	1.26673	1.26673
cg01409995	SOX2OT;SOX2	0.0180937	0.536865	0.939252	-1.06468	0.00764583	0.709185	-1.41007	0.459956	0.927374	-1.07831	0.346554	0.907424	-1.10202	0.184906	0.868559	-1.15133
cg15106134	SOX2OT;SOX2	0.0242396	0.00694572	0.345937	-2.8907	0.0311719	0.46368	-2.15666	0.0852749	0.560906	-1.78283	0.0612942	1.89803	1.89803	0.347403	0.745246	-1.34184
cg05142211	SOX2OT;SOX2	0.0470847	0.049455	0.532108	-1.87932	0.169714	1.50927	1.50927	0.581273	1.16972	1.16972	0.284215	1.36763	1.36763	0.33046	0.753816	-1.32658
cg13049182	SOX2OT;SOX2	0.0476361	0.674237	0.909897	-1.09903	0.00287818	0.400274	-2.49829	0.603927	0.889683	-1.124	0.336489	1.24775	1.24775	0.0513891	0.609326	-1.64116
cg26369916	SOX3	0.00602229	0.146881	0.347727	-2.87582	0.719551	1.27716	1.27716	0.834331	0.867532	-1.1527	0.140531	2.9321	2.9321	0.430638	0.579379	-1.72599
cg20996825	SOX3	0.00727234	0.124943	0.307675	-3.25018	0.681984	1.33962	1.33962	0.469931	0.593515	-1.68488	0.309906	2.10789	2.10789	0.526614	0.634254	-1.57665
cg03202526	SOX3	0.0139076	0.270407	0.297317	-3.36341	0.0373394	12.8606	12.8606	0.868337	1.19168	1.19168	0.102157	6.62481	6.62481	0.820364	1.27177	1.27177
cg11638117	SOX3	0.0214978	0.376236	0.266298	-3.75519	0.0429866	31.6831	31.6831	0.990433	1.01755	1.01755	0.0995796	14.2584	14.2584	0.799633	1.44666	1.44666
cg07929406	SOX3	0.0260686	0.244873	0.30739	-3.2532	0.0559512	9.20181	9.20181	0.67259	1.4942	1.4942	0.203701	3.70192	3.70192	0.500946	0.522443	-1.91409
cg24432916	SOX3	0.0273768	0.112157	0.251814	-3.97118	0.391802	2.01274	2.01274	0.693111	0.728893	-1.37194	0.0446252	6.2856	6.2856	0.627171	1.47734	1.47734
cg11409998	SOX3	0.0297257	0.19473	0.179354	-5.57557	0.274238	4.15886	4.15886	0.632495	0.546849	-1.82866	0.159556	6.57303	6.57303	0.937826	1.10267	1.10267
cg23862713	SOX3	0.0309552	0.136324	0.273565	-3.65544	0.541871	1.64655	1.64655	0.60296	0.65455	-1.52777	0.133096	3.7012	3.7012	0.974321	0.974339	-1.02634
cg02847500	SOX3	0.0324229	0.192564	0.237754	-4.20602	0.78937	1.32164	1.32164	0.661317	0.6318	-1.58278	0.107893	6.21702	6.21702	0.24895	3.50856	3.50856
cg25551243	SOX30;SOX30	0.000138749	0.0057964	2.3356	2.3356	0.000344645	3.8649	3.8649	0.0114879	2.10036	2.10036	0.000592335	0.287939	-3.47295	0.518574	0.857616	-1.16602
cg14058698	SOX30;SOX30	0.00212137	0.00213688	3.45715	3.45715	0.147203	0.639379	-1.56402	0.00442865	0.335532	-2.98034	0.0221533	2.20051	2.20051	0.0247363	0.463589	-2.15708
cg12606933	SOX30;SOX30	0.00243926	0.00321238	7.03738	7.03738	0.0158918	4.19095	4.19095	0.0733534	2.63471	2.63471	0.020595	3.86948	3.86948	0.00426827	6.39173	6.39173
cg07464716	SOX30;SOX30	0.00431619	0.394355	0.939403	-1.06451	0.45223	0.946605	-1.05641	0.268832	1.08602	1.08602	0.709545	0.973548	-1.02717	0.107741	1.13402	1.13402
cg03853593	SOX30;SOX30	0.00862648	0.412645	0.627769	-1.59294	0.0889029	0.3524	-2.83768	0.0165975	0.196671	-5.08463	0.0739975	0.330606	-3.02475	0.00180268	0.0848106	-11.791
cg07025583	SOX30;SOX30	0.0141355	0.0398456	3.96387	3.96387	0.0105107	6.46376	6.46376	0.0572419	3.47922	3.47922	0.133541	2.55485	2.55485	0.0143749	5.74886	5.74886
cg09842125	SOX30;SOX30	0.0228191	0.104593	0.674219	-1.4832	0.670623	0.909315	-1.09973	0.0688533	0.63606	-1.57218	0.594981	1.12663	1.12663	0.0131075	0.504748	-1.98119
cg04897804	SOX30;SOX30	0.0462962	0.0317634	5.73755	5.73755	0.0438314	4.99278	4.99278	0.0770398	3.91397	3.91397	0.186404	2.64374	2.64374	0.0181649	7.32095	7.32095
cg06200339	SOX30;SOX30;SOX30;SOX30	0.000573711	0.00105366	2.02654	2.02654	0.00521846	1.71125	1.71125	0.850553	1.02788	1.02788	0.275364	0.84754	-1.17989	0.00214798	0.533506	-1.87439
cg16313910	SOX30;SOX30;SOX30;SOX30	0.000809661	0.0079161	3.31314	3.31314	0.00418222	3.85613	3.85613	0.00968769	3.16182	3.16182	0.00170785	0.206941	-4.83228	0.0252636	2.54895	2.54895
cg22274825	SOX4	0.00865833	0.00159588	0.477651	-2.09358	0.277406	0.831713	-1.20234	0.0119029	1.66871	1.66871	0.0226455	1.56077	1.56077	0.354043	0.855951	-1.16829
cg02301209	SOX4	0.024646	0.276182	0.845923	-1.18214	0.00439137	1.75397	1.75397	0.121617	1.28133	1.28133	0.0394144	1.4219	1.4219	0.151781	0.797049	-1.25463
cg00792966	SOX4	0.0253442	0.863841	0.97909	-1.02136	0.0140164	0.688321	-1.45281	0.0942908	1.25416	1.25416	0.747374	0.960992	-1.04059	0.408957	0.901246	-1.10958
cg22671938	SOX4;SOX4	0.0111041	0.547602	1.06632	1.06632	0.0205221	1.34246	1.34246	0.0188246	1.35021	1.35021	0.0602857	0.799657	-1.25054	0.0231977	1.33157	1.33157
cg14242042	SOX5	3.30E-05	0.000431647	0.679711	-1.47121	0.098998	1.13362	1.13362	0.0293368	1.1948	1.1948	0.190541	0.908356	-1.10089	0.098831	0.882063	-1.13371
cg17352891	SOX5	0.000143859	0.000789826	0.434868	-2.29955	0.0028313	0.50919	-1.9639	0.000401927	0.396917	-2.51942	4.89E-05	0.285648	-3.50081	0.0118149	0.596833	-1.67551
cg17023776	SOX5	0.000247374	6.93E-06	0.0750453	-13.3253	0.169917	1.46251	1.46251	0.714286	0.908811	-1.10034	?	?	?	0.00969181	0.426976	-2.34205
cg01766743	SOX5	0.000549522	0.493419	1.14753	1.14753	0.000148431	0.275245	-3.63313	0.035939	0.617057	-1.6206	0.0348073	1.62699	1.62699	0.00816561	0.511824	-1.9538
cg23811464	SOX5	0.000953843	0.178449	1.23033	1.23033	0.0530879	1.3753	1.3753	0.00485338	1.71865	1.71865	0.0153417	0.649554	-1.53952	0.0562825	0.730951	-1.36808
cg14477452	SOX5	0.0023822	0.152154	0.845653	-1.18252	0.534934	1.07109	1.07109	4.68E-05	2.31455	2.31455	0.636343	1.05343	1.05343	0.0784777	1.23813	1.23813
cg07174843	SOX5	0.00429696	0.10847	0.595505	-1.67925	0.590653	0.851502	-1.17439	0.189731	1.50863	1.50863	0.156978	0.638833	-1.56535	0.00141698	0.254781	-3.92494
cg17853504	SOX5	0.00585643	0.15942	1.22903	1.22903	0.143032	1.24096	1.24096	0.110794	1.2691	1.2691	0.684902	1.05755	1.05755	0.0199092	1.47026	1.47026
cg20170147	SOX5	0.00755893	0.0309894	0.403969	-2.47544	0.0207376	0.369135	-2.70903	0.0464268	0.442009	-2.2624	0.00408657	0.251794	-3.97149	0.157529	0.5822	-1.71762
cg23363484	SOX5	0.0090562	0.118515	0.679854	-1.4709	0.00157906	0.355875	-2.80997	0.00504592	0.42981	-2.32661	0.0273469	0.551861	-1.81205	0.479379	1.1779	1.1779
cg21334045	SOX5	0.00927181	0.328136	0.719143	-1.39054	0.808743	1.08243	1.08243	0.0566943	0.494325	-2.02296	0.364086	1.35615	1.35615	0.0246912	0.417427	-2.39563
cg13817265	SOX5	0.0111686	0.0414893	0.304128	-3.28808	0.000882436	0.0801702	-12.4735	0.00639837	0.165921	-6.02698	0.177077	0.483642	-2.06765	0.0190811	0.237768	-4.20579
cg06141624	SOX5	0.0111911	0.0117014	0.722239	-1.38458	0.239583	1.13566	1.13566	0.276901	1.12392	1.12392	0.0171302	0.740711	-1.35005	0.260531	0.885832	-1.12888
cg04619304	SOX5	0.0124676	0.0155315	0.270041	-3.70314	0.0120034	0.251024	-3.98368	0.172767	0.527284	-1.89651	0.205421	0.554728	-1.80269	0.0045571	0.188897	-5.2939
cg10158080	SOX5	0.012761	0.0499633	0.673013	-1.48586	0.0199467	0.607999	-1.64474	0.00825858	0.549728	-1.81908	0.146603	0.758818	-1.31784	0.851837	0.967422	-1.03367
cg22263007	SOX5	0.0166822	0.142043	1.45511	1.45511	0.517883	1.16856	1.16856	0.425715	0.824254	-1.21322	0.0242872	0.528344	-1.89271	0.00095528	0.31051	-3.22051
cg16095464	SOX5	0.0226755	0.196934	0.666842	-1.49961	0.0580404	0.529208	-1.88962	0.00313977	0.301396	-3.3179	0.0231568	0.446448	-2.2399	0.0909414	0.575157	-1.73866
cg19692165	SOX5	0.0253384	0.42601	1.09382	1.09382	0.00155184	0.605311	-1.65204	0.0399465	0.769542	-1.29947	0.130616	1.19734	1.19734	0.909225	0.987496	-1.01266
cg16397701	SOX5	0.030695	0.0540251	0.542379	-1.84373	0.822637	1.06482	1.06482	0.269007	0.724673	-1.37993	0.0102458	0.404407	-2.47275	0.337789	0.758486	-1.31842
cg14522632	SOX5	0.04096	0.0876872	0.444289	-2.25079	0.112597	0.475508	-2.10301	0.433435	1.41061	1.41061	0.122207	2.05634	2.05634	0.00350215	0.18183	-5.49965
cg20004324	SOX5	0.0422877	0.0508252	1.43309	1.43309	0.00498034	0.548151	-1.82432	0.0661846	0.71656	-1.39556	0.447782	0.882384	-1.13329	0.0455049	0.690086	-1.4491
cg07739398	SOX5;MIR920	0.00794428	0.577855	0.845051	-1.18336	0.000535134	0.199171	-5.0208	0.00319974	0.299645	-3.33728	0.72978	1.10942	1.10942	0.7048	0.892275	-1.12073
cg20672284	SOX5;SOX5	9.21E-05	0.0288147	0.616125	-1.62305	0.201287	1.28857	1.28857	0.136375	0.739724	-1.35185	0.751239	1.06157	1.06157	4.66E-06	0.139148	-7.1866
cg27273866	SOX5;SOX5	0.00707907	0.00733844	0.551304	-1.81388	0.0799868	0.715553	-1.39752	0.00553445	0.533601	-1.87406	0.00874172	0.562412	-1.77805	0.00165442	0.460352	-2.17225
cg09066112	SOX5;SOX5	0.0269472	0.0436909	0.456948	-2.18843	0.00431238	0.27557	-3.62885	0.0430074	0.455439	-2.19568	0.768495	0.905116	-1.10483	0.0032264	0.257364	-3.88555
cg25925006	SOX5;SOX5	0.0277169	0.00468217	0.242438	-4.12476	0.159977	1.76097	1.76097	0.242508	1.58568	1.58568	0.00841602	0.281274	-3.55525	0.601051	0.819671	-1.22
cg05630725	SOX5;SOX5	0.0368151	0.450303	0.514437	-1.94387	0.717278	0.73036	-1.36919	0.959983	0.957571	-1.04431	0.758268	1.3057	1.3057	0.51302	0.563693	-1.77402
cg01171844	SOX5;SOX5;SOX5	9.40E-08	6.94E-06	0.500056	-1.99978	0.0246995	0.830145	-1.20461	0.000695621	0.697583	-1.43352	0.00298395	0.753103	-1.32784	7.45E-06	0.503319	-1.98681
cg27480819	SOX5;SOX5;SOX5	0.00371597	0.0292553	0.511061	-1.95671	0.292853	0.751868	-1.33002	0.0126556	0.444855	-2.24792	0.00867778	0.417176	-2.39707	0.00139925	0.298319	-3.35212
cg15707491	SOX5;SOX5;SOX5	0.0451738	0.540589	0.921488	-1.0852	0.0343932	1.38499	1.38499	0.0598931	0.75563	-1.3234	0.0490239	0.743326	-1.34531	0.258211	0.855802	-1.16849
cg12018137	SOX6;SOX6	0.00168513	0.0860885	0.771458	-1.29625	0.0488444	0.735084	-1.36039	0.376382	0.883209	-1.13224	0.409103	1.12244	1.12244	0.000119945	0.398558	-2.50905
cg18749349	SOX6;SOX6	0.0212559	0.42152	0.854798	-1.16987	0.0017883	0.427728	-2.33794	0.18098	0.762325	-1.31178	0.0612275	0.668304	-1.49633	0.0184852	1.72622	1.72622
cg09749669	SOX6;SOX6;SOX6;SOX6	0.00553126	0.00394642	0.145154	-6.88921	0.00150711	0.102718	-9.73544	0.123411	0.435781	-2.29473	0.0821846	0.38349	-2.60763	0.00212067	0.116493	-8.58422
cg10825530	SOX6;SOX6;SOX6;SOX6	0.0211953	0.00288917	0.169302	-5.90661	0.00983415	0.243006	-4.11512	0.00882213	0.235619	-4.24414	0.0199461	0.295871	-3.37985	0.0475251	0.374319	-2.67152
cg23530266	SOX6;SOX6;SOX6;SOX6	0.0274989	0.0145869	0.127512	-7.84237	0.0511227	0.218529	-4.57606	0.538995	0.65321	-1.5309	0.167364	0.365058	-2.73929	0.00865743	0.101127	-9.88859
cg24690731	SOX7	0.000278068	0.000540016	0.295675	-3.38209	0.0272398	1.80716	1.80716	0.000159004	4.31452	4.31452	0.00101945	3.01353	3.01353	0.0112836	0.487401	-2.0517
cg05938889	SOX7	0.0012749	0.00106482	0.468163	-2.13601	0.0020283	1.97939	1.97939	0.420621	0.8789	-1.13779	0.0609556	1.39285	1.39285	0.00134763	0.481619	-2.07633
cg16799111	SOX7	0.00201341	0.00122291	0.297285	-3.36378	0.423448	0.810878	-1.23323	0.113227	1.5558	1.5558	0.243855	1.36706	1.36706	0.000781059	0.271746	-3.67991
cg07233097	SOX7	0.00324177	0.0518393	0.724638	-1.38	0.230666	1.19804	1.19804	0.0745313	1.33404	1.33404	0.940929	0.989485	-1.01063	0.0733213	0.748461	-1.33607
cg00843634	SOX7	0.0100954	0.0774812	1.89847	1.89847	0.788686	1.09171	1.09171	0.271794	0.688202	-1.45306	0.0683366	1.94768	1.94768	0.013746	0.369714	-2.70479
cg11603463	SOX7	0.0107216	0.0429196	0.616635	-1.6217	0.393628	0.834162	-1.19881	0.00163475	2.55023	2.55023	0.900194	0.974299	-1.02638	0.178901	0.743552	-1.3449
cg26077100	SOX7	0.0285809	0.203928	1.38678	1.38678	0.0212478	1.96464	1.96464	0.0029347	2.70837	2.70837	0.80185	1.06324	1.06324	0.0656835	0.604283	-1.65485
cg22647929	SOX7	0.0298643	0.946035	1.03568	1.03568	0.0664954	0.344508	-2.90269	0.00499866	0.146071	-6.84599	0.0281461	0.261174	-3.82887	0.0367851	0.284751	-3.51184
cg22008625	SOX7	0.0469533	0.138065	0.730575	-1.36879	0.589791	0.898523	-1.11294	0.418193	0.849904	-1.1766	0.36275	0.832022	-1.20189	0.00125874	0.396259	-2.5236
cg05933904	SOX8	0.000158792	0.000267058	0.143997	-6.94461	0.33199	1.38286	1.38286	0.235053	1.49645	1.49645	0.23996	0.671321	-1.4896	0.0336793	0.447785	-2.23321
cg05520409	SOX8	0.00983306	0.0859713	0.487592	-2.0509	0.253468	1.57063	1.57063	0.819558	1.09035	1.09035	0.0423698	0.412706	-2.42303	0.758957	0.89002	-1.12357
cg04493430	SOX8	0.0174794	0.001889	0.449145	-2.22645	0.187364	0.775735	-1.2891	0.216844	0.789661	-1.26637	0.105062	0.724788	-1.37971	0.0139381	0.575814	-1.73667
cg09854626	SOX8	0.0216072	0.00927608	0.268677	-3.72195	0.112051	0.502163	-1.99138	0.457694	0.740029	-1.3513	0.0942888	0.480823	-2.07977	0.034265	0.37409	-2.67315
cg05031521	SOX8	0.0223345	0.133991	0.631152	-1.5844	0.242238	1.41697	1.41697	0.024618	0.466649	-2.14294	0.119108	0.617754	-1.61877	0.0938221	0.591743	-1.68992
cg04809453	SOX8	0.0339355	0.234169	0.447264	-2.23581	0.307964	0.506204	-1.97549	0.104921	0.318795	-3.13681	0.0182949	0.15762	-6.34439	0.204718	0.421744	-2.37111
cg08965276	SOX8	0.0456032	0.159247	0.469999	-2.12767	0.461702	0.686549	-1.45656	0.0188727	0.239921	-4.16804	0.0481367	0.321865	-3.10689	0.651072	0.795713	-1.25673
cg02049499	SOX8	0.0473664	0.382519	0.527242	-1.89666	0.588699	0.677556	-1.47589	0.826316	0.855127	-1.16942	0.53141	1.57186	1.57186	0.927124	1.06731	1.06731
cg17255712	SOX9	0.0141003	0.562003	0.939301	-1.06462	0.0199875	1.3497	1.3497	0.08957	1.22129	1.22129	0.076915	1.23379	1.23379	0.0561349	0.793708	-1.25991
cg11350586	SOX9	0.0199614	0.621147	0.747042	-1.33861	0.0118382	6.29391	6.29391	0.979099	1.01545	1.01545	0.214896	2.14739	2.14739	0.825233	0.878566	-1.13822
cg06234051	SOX9	0.027364	0.869135	0.872678	-1.1459	0.346676	2.22636	2.22636	0.208817	0.334787	-2.98697	0.145121	0.274641	-3.64112	0.975977	0.975437	-1.02518
cg21049501	SOX9	0.0402214	0.168658	3.37457	3.37457	0.487697	1.79437	1.79437	0.434828	0.516466	-1.93624	0.561896	0.614893	-1.6263	0.189467	3.16629	3.16629
cg04438997	SOX9	0.0408825	0.55705	0.750387	-1.33265	0.0225517	3.74641	3.74641	0.85937	0.917823	-1.08953	0.394818	1.52408	1.52408	0.69837	0.828375	-1.20718
cg06391468	SOX9;SOX9	0.00650472	0.0551859	1.35388	1.35388	0.118313	1.26662	1.26662	0.000325308	2.24752	2.24752	0.842346	1.02814	1.02814	0.00671274	1.63231	1.63231
cg02489379	SP100	0.000853821	0.200883	1.10851	1.10851	0.172053	1.11738	1.11738	0.000118756	0.571236	-1.75059	0.0165652	0.795706	-1.25675	0.000298777	0.616918	-1.62096
cg02001779	SP100;SP100	0.00559889	0.002103	0.111081	-9.00246	0.0754525	0.365893	-2.73304	0.0296019	0.272229	-3.67338	0.00725114	0.172075	-5.81142	0.0123131	0.205249	-4.87214
cg05876232	SP100;SP100	0.0457037	0.0990574	0.747801	-1.33725	0.00328775	0.525351	-1.90349	0.0488747	0.69665	-1.43544	0.349602	1.16736	1.16736	0.703029	1.06349	1.06349
cg11827097	SP100;SP100;SP100;SP100	0.000624257	0.000152281	0.151776	-6.58865	0.0337174	0.486897	-2.05382	0.00166574	0.271116	-3.68846	0.000725218	0.224965	-4.44513	0.0011703	0.250899	-3.98567
cg11702456	SP100;SP100;SP100;SP100	0.000870014	0.00120748	0.105883	-9.4444	0.100629	0.426632	-2.34394	0.00181159	0.122359	-8.1727	0.00141988	0.112249	-8.90874	0.0025113	0.136972	-7.30074
cg09456094	SP100;SP100;SP100;SP100	0.00213611	0.00315574	0.205154	-4.87439	0.0819783	0.469205	-2.13126	0.00403013	0.219416	-4.55755	0.00371686	0.21462	-4.65939	0.161711	0.556142	-1.7981
cg09058955	SP110;SP110;SP110	0.00174937	0.584308	1.11235	1.11235	0.0208776	0.585209	-1.70879	0.456093	0.863915	-1.15752	0.802464	0.952844	-1.04949	0.000119326	0.273425	-3.65731
cg04579254	SP140;SP140	0.0178181	0.0499164	0.36972	-2.70475	0.922772	0.95777	-1.04409	0.00715262	0.21321	-4.69022	0.815818	1.10941	1.10941	0.00253111	0.15489	-6.45621
cg24995347	SP140;SP140	0.0248776	0.0284902	0.194014	-5.15427	0.00919667	0.122728	-8.1481	0.0512996	0.244704	-4.08657	0.0515779	0.245226	-4.07787	0.0159803	0.15394	-6.49606
cg17607231	SP140;SP140	0.0336905	0.0107555	0.248687	-4.02111	0.0467841	0.372156	-2.68705	0.0152088	0.274011	-3.64948	0.704076	0.847299	-1.18022	0.0142391	0.269039	-3.71693
cg24044052	SP140L	0.000100329	0.296598	0.819229	-1.22066	0.754751	0.943899	-1.05944	0.00301964	0.472826	-2.11494	0.00501289	0.504552	-1.98196	0.0529697	0.666841	-1.49961
cg25095994	SP140L	0.000327831	0.0104342	0.381767	-2.6194	0.974408	1.00963	1.00963	0.00231056	0.280453	-3.56565	0.00442935	0.321698	-3.10851	0.0268329	0.456944	-2.18845
cg13278004	SP140L	0.00198103	0.174332	0.511247	-1.956	0.0617207	0.376449	-2.6564	0.00112848	0.108055	-9.25457	0.0239171	0.286187	-3.49422	0.00427159	0.16951	-5.89937
cg26847438	SP140L;SP140L	9.51E-05	0.0325987	0.471619	-2.12036	0.0220655	0.438223	-2.28194	8.88E-05	0.121316	-8.24292	0.00178814	0.262962	-3.80284	0.000643779	0.207273	-4.82456
cg04002454	SP140L;SP140L	0.0012204	0.00789085	0.246968	-4.04911	0.0522441	0.404135	-2.47442	0.000860171	0.128265	-7.79637	0.00140341	0.149812	-6.67503	0.000886405	0.129519	-7.72086
cg20163807	SP1;SP1	0.00372767	0.73946	1.04442	1.04442	0.647526	1.06178	1.06178	0.251605	1.16879	1.16879	0.509745	1.09098	1.09098	0.0181277	1.45306	1.45306
cg11606261	SP1;SP1	0.029093	0.020376	0.450053	-2.22196	0.398946	0.781434	-1.2797	0.347843	0.758779	-1.31791	0.0441474	0.516653	-1.93554	0.0546078	0.536507	-1.86391
cg25186332	SP1;SP1	0.032553	0.0819562	0.318218	-3.1425	0.221671	2.14494	2.14494	0.568878	1.40786	1.40786	0.80335	1.15977	1.15977	0.00272088	0.0855032	-11.6955
cg14794577	SP1;SP1;SP1	0.00890463	0.207119	1.18956	1.18956	0.948424	1.00848	1.00848	0.00421457	0.606544	-1.64868	0.702979	1.05126	1.05126	0.238187	0.851121	-1.17492
cg25024143	SP2	0.00216344	0.12457	0.890492	-1.12298	0.00227846	1.34667	1.34667	0.89955	1.00885	1.00885	0.156354	1.11155	1.11155	0.00163698	0.730081	-1.36971
cg03968126	SP2	0.00424367	0.0592333	1.23714	1.23714	0.464469	1.07723	1.07723	0.901887	0.987753	-1.0124	0.051044	0.800884	-1.24862	0.774378	1.02913	1.02913
cg08070491	SP2	0.0363004	0.00635866	0.243424	-4.10805	0.350562	1.46553	1.46553	0.195973	1.72283	1.72283	0.0285623	0.357825	-2.79466	0.783755	0.896344	-1.11564
cg07427945	SP2;SP2	0.0283212	0.146544	0.740104	-1.35116	0.417339	1.1736	1.1736	0.0306723	1.63289	1.63289	0.0867484	1.44103	1.44103	0.785496	0.948676	-1.0541
cg14114267	SP3	0.00242723	0.0497466	0.639039	-1.56485	0.0380628	0.618129	-1.61778	0.000731925	0.358098	-2.79253	0.0182428	0.563662	-1.77411	0.000600669	0.346808	-2.88344
cg22067795	SP3;SP3	0.00120974	0.220819	1.11581	1.11581	0.705776	1.03282	1.03282	0.160452	0.880156	-1.13616	0.096199	1.16827	1.16827	0.00122088	1.49612	1.49612
cg00414354	SP3;SP3	0.00749883	0.000718863	0.416335	-2.40191	0.0986851	1.36102	1.36102	0.0492553	0.682453	-1.4653	0.8725	0.97303	-1.02772	0.0835754	0.721796	-1.38543
cg15477738	SP3;SP3	0.0158834	0.0413878	0.806155	-1.24046	0.524958	0.942699	-1.06078	0.515134	1.06232	1.06232	0.0562752	0.820369	-1.21896	0.0102071	1.34537	1.34537
cg25729765	SP3;SP3;SP3	0.000219738	0.112089	0.761987	-1.31236	0.0112826	1.64645	1.64645	0.00218784	1.9642	1.9642	0.608703	0.92208	-1.0845	0.342142	1.16623	1.16623
cg24859484	SP3;SP3;SP3	0.00345902	0.00185427	3.12132	3.12132	0.504141	0.847722	-1.17963	0.00411594	0.37464	-2.66923	0.00458886	2.61536	2.61536	0.0639136	0.597044	-1.67492
cg15787552	SP4	0.00134378	0.00102553	0.687997	-1.4535	0.00286006	1.37076	1.37076	0.0135653	1.26457	1.26457	0.0626619	0.851313	-1.17466	0.00902033	0.774839	-1.29059
cg09748770	SP4	0.00256317	0.647165	0.94284	-1.06063	6.60E-05	2.54689	2.54689	0.11361	1.24592	1.24592	0.865416	0.978568	-1.0219	0.780534	1.03632	1.03632
cg16721202	SP4	0.00266941	0.00683801	0.609845	-1.63976	0.0258212	0.688235	-1.45299	0.00475784	1.69756	1.69756	0.00126322	0.514607	-1.94323	0.0542366	0.734624	-1.36124
cg22952341	SP4	0.00281051	0.465908	0.878586	-1.13819	0.444763	0.872934	-1.14556	0.109301	0.737425	-1.35607	0.657597	0.925136	-1.08092	0.000112732	0.306239	-3.26543
cg08842388	SP4	0.0244027	0.48673	1.13224	1.13224	0.000579381	2.5484	2.5484	0.394093	1.16581	1.16581	0.265978	1.22594	1.22594	0.85739	1.03212	1.03212
cg19644145	SP4	0.0439877	0.478887	1.16225	1.16225	0.0916132	0.678426	-1.474	0.463868	0.855795	-1.1685	0.0426832	0.614246	-1.62801	0.0999654	1.45718	1.45718
cg04028315	SP4;SP4	0.0082855	0.287776	1.64338	1.64338	0.953713	1.02611	1.02611	0.19155	1.87164	1.87164	0.00821555	0.191922	-5.21044	0.0530585	0.359276	-2.78338
cg18183163	SP5	0.000596306	0.275747	1.71653	1.71653	0.0656842	2.67591	2.67591	0.0679684	2.6489	2.6489	0.860391	0.919532	-1.08751	2.97E-05	0.0203066	-49.2451
cg21829923	SP5	0.00522418	0.0372443	4.12473	4.12473	0.00272431	11.3055	11.3055	0.0127589	6.13001	6.13001	0.388476	1.67858	1.67858	0.393102	1.66974	1.66974
cg00858840	SP5	0.01592	0.0416477	5.36976	5.36976	0.319176	2.08915	2.08915	0.398825	1.85556	1.85556	0.218129	2.52717	2.52717	0.0814237	0.251006	-3.98396
cg26766005	SP5;LOC440925;SP5	0.00075265	1.77E-05	0.125236	-7.98491	0.783475	0.936892	-1.06736	0.109962	0.662118	-1.5103	0.0018475	0.351282	-2.84671	0.832725	1.05133	1.05133
cg13457515	SP6	2.50E-08	0.923818	0.989453	-1.01066	0.000170546	0.49241	-2.03083	8.65E-08	0.141942	-7.04512	2.66E-07	0.184441	-5.42179	9.33E-06	0.346142	-2.88899
cg27210136	SP6	2.06E-06	0.000546208	0.306929	-3.25809	0.315751	1.25621	1.25621	1.56E-06	0.0694603	-14.3967	2.29E-05	0.155037	-6.45008	1.85E-06	0.0737036	-13.5679
cg02219949	SP6	0.000191305	0.000365344	0.131841	-7.5849	0.000549912	0.148971	-6.71271	0.000599817	0.152792	-6.54485	0.0588092	0.468915	-2.13258	0.000592186	0.152225	-6.56924
cg23355492	SP6	0.000219609	0.312639	0.670166	-1.49217	0.417498	0.727964	-1.37369	0.000249143	0.0986093	-10.141	0.0337894	0.386813	-2.58523	0.00118871	0.161835	-6.17915
cg26888147	SP6	0.000608678	0.813252	1.07137	1.07137	0.000268606	0.175238	-5.70654	0.00373581	0.319591	-3.129	0.114115	0.60611	-1.64987	0.000927414	0.236782	-4.22329
cg20556951	SP6	0.000762724	0.00147396	0.185744	-5.38376	0.00791566	0.286689	-3.4881	0.00539052	0.260843	-3.83373	0.00790141	0.286564	-3.48962	0.0095797	0.300208	-3.33102
cg16779251	SP6	0.0145942	0.962811	0.987753	-1.0124	0.597933	0.868789	-1.15103	0.0285315	0.505115	-1.97975	0.0289514	0.506335	-1.97498	0.00321732	0.345561	-2.89385
cg06302877	SP6	0.0248176	0.147265	0.628781	-1.59038	0.137428	0.620461	-1.6117	0.784432	0.921451	-1.08525	0.179609	1.52995	1.52995	0.00766864	0.359739	-2.77979

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16239482	0.45326	0.660131	-1.51485	0.22871	0.501644	-1.99345	0.289517	0.549171	-1.82093	0.937849	1.04318	1.04318	4.4993	20.4969	3.54323	1
cg17789809	0.889656	0.929053	-1.07636	0.189344	0.47852	-2.08978	0.0515736	3.23701	3.23701	0.0929165	0.375313	-2.66444	3.96708	17.6568	3.9563	1
cg04859466	0.617891	1.17057	1.17057	0.00991084	0.360499	-2.77393	0.221351	1.49565	1.49565	0.706791	1.12563	1.12563	3.77877	5.86902	1.38058	1
cg01530605	0.453278	1.69344	1.69344	0.842622	0.87192	-1.14689	0.00222619	19.1794	19.1794	0.93603	0.946158	-1.05691	3.69602	27.8277	6.69252	1
cg01340005	0.33633	0.904628	-1.10543	0.00788565	1.41144	1.41144	0.903662	1.01232	1.01232	0.0893642	1.20851	1.20851	8.4824	1.37334	0.143915	1
cg08464053	0.610089	0.933506	-1.07123	0.0449936	0.735068	-1.36042	0.49309	1.0976	1.0976	0.300159	1.15448	1.15448	6.60344	1.87202	0.251992	1
cg11142406	0.771153	0.895546	-1.11664	0.437425	0.741088	-1.34937	0.281589	0.654889	-1.52698	0.222401	0.615674	-1.62424	6.1872	14.0206	2.01427	1
cg25933341	0.741815	0.892255	-1.12076	0.19722	0.624953	-1.60012	0.134901	1.74332	1.74332	0.276299	1.47771	1.47771	5.54178	10.4367	1.67402	1
cg27331851	0.827852	0.975849	-1.02475	0.333496	1.11849	1.11849	0.892314	0.98491	-1.01532	0.172515	1.17702	1.17702	4.99457	0.996832	0.177407	1
cg01409995	0.978232	1.00274	1.00274	0.00207632	1.54411	1.54411	0.997674	1.00029	1.00029	0.0765307	0.820817	-1.2183	4.86662	0.77416	0.1414	1
cg15106134	0.311792	0.727594	-1.37439	0.00630402	0.339178	-2.9483	0.663882	0.875567	-1.14212	0.8126	0.930365	-1.07485	4.40421	6.44264	1.3003	1
cg05142211	0.011222	0.408973	-2.44515	0.0199907	0.453786	-2.20368	0.230032	0.701593	-1.42533	0.345376	0.760717	-1.31455	3.46606	4.34753	1.11495	1
cg13049182	0.262939	0.770529	-1.29781	0.647941	0.902413	-1.10814	0.675909	0.91037	-1.09845	0.0847613	1.53077	1.53077	3.45088	2.72644	0.702287	1
cg26369916	0.0454176	4.74455	4.74455	0.000112322	100.011	100.011	0.862517	1.1248	1.1248	0.631668	1.38779	1.38779	6.93122	50.5371	6.48109	1
cg20996825	0.00975098	10.1721	10.1721	0.000219749	79.0653	79.0653	0.598974	1.45731	1.45731	0.630291	1.41082	1.41082	6.53676	52.1395	7.0901	1
cg03202526	0.0280403	15.532	15.532	0.000420659	368.084	368.084	0.762748	1.37715	1.37715	0.885605	1.16435	1.16435	5.31143	93.9836	15.7285	1
cg11638117	0.037051	36.5301	36.5301	0.00139856	1265.65	1265.65	0.0552186	24.9581	24.9581	?	?	?	5.18591	150.546	25.4012	1
cg07929406	0.0491236	10.1251	10.1251	0.00137023	311.252	311.252	0.943197	0.935125	-1.06938	0.798966	0.786209	-1.27193	6.55043	84.3423	7.15324	1
cg24432916	0.0323337	7.37443	7.37443	0.00171524	35.4584	35.4584	0.9985	0.998502	-1.0015	0.763879	0.786479	-1.27149	4.22108	42.4947	8.94869	1
cg11409998	0.0884072	10.5387	10.5387	0.000813087	558.524	558.524	0.958314	1.06767	1.06767	0.913892	1.14511	1.14511	4.10018	101.914	22.0942	1
cg23862713	0.029977	7.86193	7.86193	0.00137819	42.3982	42.3982	0.771782	1.26475	1.26475	0.934462	1.06868	1.06868	4.04151	41.748	9.18205	1
cg02847500	0.0288652	14.6448	14.6448	0.00139424	124.422	124.422	0.767429	1.36194	1.36194	0.764333	1.36775	1.36775	3.97514	68.3047	15.2738	1
cg25551243	0.167877	1.41194	1.41194	2.76E-05	6.94768	6.94768	0.00253266	2.67409	2.67409	0.00452577	2.42989	2.42989	20.2783	17.6911	0.775482	1
cg14058698	0.0120917	2.45877	2.45877	0.221147	1.44747	1.44747	0.00710019	2.71856	2.71856	0.144328	1.56977	1.56977	9.47759	12.4108	1.16399	1
cg12606933	0.0422889	3.11085	3.11085	0.000183308	21.5045	21.5045	0.0018548	8.52892	8.52892	0.0183827	4.00683	4.00683	9.09762	33.9193	3.31411	1
cg07464716	0.0162107	1.23455	1.23455	7.95E-05	1.66662	1.66662	0.182277	1.10675	1.10675	0.359368	1.06986	1.06986	7.6741	0.624003	0.072278	1
cg03853593	0.996819	0.997787	-1.00222	0.000930476	0.0640978	-15.6012	0.791763	0.863222	-1.15845	0.0145202	0.187555	-5.33178	6.19502	30.3148	4.34971	1
cg07025583	0.822941	1.13872	1.13872	0.00106772	16.4884	16.4884	0.0287848	4.45771	4.45771	0.0404192	3.94351	3.94351	5.28313	28.1113	4.72974	1
cg09842125	0.0288281	1.77322	1.77322	0.00878356	0.476367	-2.09922	0.737804	0.92806	-1.07752	0.0557873	0.617826	-1.61858	4.49708	3.51695	0.695157	1
cg04897804	0.647	1.37714	1.37714	0.0751673	3.95594	3.95594	0.00856082	10.2565	10.2565	0.03301	5.64279	5.64279	3.48817	26.6118	6.78149	1
cg06200339	0.000111536	0.371435	-2.69226	0.533036	1.0964	1.0964	0.460889	1.11564	1.11564	0.42208	1.12698	1.12698	13.7546	4.62879	0.299136	1
cg16313910	0.0298215	0.406904	-2.45758	0.00118843	5.3208	5.3208	0.0047783	3.73375	3.73375	0.175468	1.65986	1.65986	12.4898	24.4706	1.74155	1
cg22274825	0.237962	1.22342	1.22342	0.117815	0.75801	-1.31924	0.104474	0.748638	-1.33576	0.696991	0.938162	-1.06591	6.1878	2.60785	0.374623	1
cg02301209	0.138897	0.790321	-1.26531	0.0324118	1.4477	1.4477	0.911005	0.983619	-1.01665	0.652373	1.06928	1.06928	4.37888	1.51338	0.307208	1
cg00792966	0.00689062	1.5383	1.5383	0.533561	1.08073	1.08073	0.700171	0.953477	-1.04879	0.0267148	0.723812	-1.38157	4.33655	1.04108	0.213397	1
cg22671938	0.0361852	0.773343	-1.29309	0.327618	0.898862	-1.11252	0.0336633	0.769681	-1.29924	0.157465	0.852567	-1.17293	5.71515	1.00776	0.156738	1
cg14242042	2.23E-06	2.23084	2.23084	0.000175243	0.643143	-1.55486	0.50267	0.953924	-1.0483	0.0437205	1.1744	1.1744	29.6974	2.26152	0.0676906	1
cg17352891	0.00436472	0.535185	-1.86851	2.57E-05	0.254287	-3.93257	0.800999	1.04234	1.04234	0.000616059	0.420796	-2.37645	20.0818	8.57233	0.37944	1
cg17023776	?	?	?	0.0225291	0.491394	-2.03503	0.829238	0.945381	-1.05778	0.314221	1.31082	1.31082	18.3197	15.2603	0.951995	1
cg01766743	0.0751184	0.675633	-1.48009	0.00440903	2.12123	2.12123	0.00185797	2.396	2.396	0.124876	0.719873	-1.38913	13.9205	8.63007	0.551071	1
cg23811464	0.000181419	0.399201	-2.505	0.00580112	1.6887	1.6887	0.737056	0.952315	-1.05007	0.0892154	0.762052	-1.31225	11.9251	3.9705	0.295958	1
cg14477452	0.487129	0.925743	-1.08021	0.0523272	0.785701	-1.27275	0.541344	0.934659	-1.06991	0.525094	1.07292	1.07292	9.16112	1.73296	0.168146	1
cg07174843	0.0714284	0.551005	-1.81487	0.000688634	0.215643	-4.63729	0.0722595	1.81099	1.81099	0.0268396	0.460089	-2.17349	7.68448	10.6663	1.23381	1
cg17853504	0.164008	1.22591	1.22591	0.000289452	0.444451	-2.24997	0.850321	0.974422	-1.02625	0.26614	1.17224	1.17224	6.99119	2.0829	0.264829	1
cg20170147	0.0313437	0.404995	-2.46917	0.000615561	0.151477	-6.60168	0.967523	1.01468	1.01468	0.0108248	0.318066	-3.144	6.45815	13.1023	1.80338	1
cg23363484	0.00768259	0.45839	-2.18155	0.611687	1.12364	1.12364	0.0772388	0.639343	-1.56411	0.0281946	0.554266	-1.80419	6.10031	5.00941	0.729932	1
cg21334045	0.545638	1.22112	1.22112	0.000450673	0.164179	-6.09092	0.688233	1.14082	1.14082	0.0128248	0.364378	-2.7444	6.05487	10.2312	1.502	1
cg13817265	0.0197311	0.240333	-4.1609	0.019002	0.237451	-4.21139	0.0313169	0.278334	-3.59281	0.213823	0.515446	-1.94007	5.70448	23.1605	3.60893	1
cg06141624	0.00233897	1.55093	1.55093	0.50613	1.07217	1.07217	0.496562	0.931172	-1.07392	0.193565	1.1527	1.1527	5.70077	0.963467	0.150228	1
cg04619304	0.0942345	0.444178	-2.25135	0.00314744	0.168588	-5.93162	0.00453106	0.188569	-5.3031	0.0741181	0.415659	-2.40582	5.50469	16.9633	2.7392	1
cg10158080	0.00127063	0.434826	-2.29977	?	?	?	0.906581	0.97942	-1.02101	0.434974	1.15154	1.15154	5.56918	2.46006	0.441728	1
cg22263007	0.0776476	0.627505	-1.59361	0.652254	1.11381	1.11381	0.251942	1.32894	1.32894	0.847777	0.955363	-1.04672	5.00092	4.47196	0.794869	1
cg16095464	0.0502996	0.515415	-1.94018	0.242135	1.43854	1.43854	0.166321	1.55021	1.55021	0.394995	0.772004	-1.29533	4.50686	6.29756	1.24207	1
cg19692165	0.288336	1.12931	1.12931	0.134346	0.836853	-1.19495	0.415139	0.912203	-1.09625	0.543839	1.07013	1.07013	4.33689	0.836	0.171346	1
cg16397701	0.00762338	0.382995	-2.611	0.0251325	0.474683	-2.10667	0.336614	1.31936	1.31936	0.0410443	0.517096	-1.93388	4.05369	5.02409	1.10168	1
cg14522632	0.388701	0.683723	-1.46258	0.947387	0.971997	-1.02881	0.437541	1.40612	1.40612	0.0886322	0.445577	-2.24428	3.65105	10.7108	2.60766	1
cg20004324	0.592422	0.916315	-1.09133	0.437222	1.13675	1.13675	0.415798	0.874141	-1.14398	0.575861	0.912642	-1.09572	3.60818	1.49476	0.368239	1
cg07739398	0.53592	0.828852	-1.20649	0.0564203	1.90953	1.90953	0.511692	1.22056	1.22056	0.218713	0.678821	-1.47314	6.35811	9.03056	1.26251	1
cg20672284	8.90E-05	0.267648	-3.73625	0.000476785	0.356901	-2.8019	0.438021	1.16023	1.16023	0.00265356	0.457934	-2.18372	22.6345	12.6517	0.49685	1
cg27273866	0.260424	0.816896	-1.22415	0.311995	1.19746	1.19746	0.587385	1.099	1.099	0.0229333	0.625736	-1.59812	6.59198	3.09923	0.417912	1
cg09066112	0.271558	0.679375	-1.47194	0.671615	1.15491	1.15491	0.697982	0.876599	-1.14077	0.168911	0.609529	-1.64061	4.24458	7.66877	1.60598	1
cg25925006	0.0792885	0.479866	-2.08392	0.110454	0.519128	-1.92631	0.650942	0.842253	-1.18729	0.972959	1.01286	1.01286	4.20279	9.4559	1.99992	1
cg05630725	0.000515898	0.00925894	-108.004	0.454434	0.517674	-1.93172	0.462588	0.524064	-1.90816	0.493661	1.82332	1.82332	3.79679	44.8987	10.5115	1
cg01171844	1.74E-05	0.542113	-1.84463	1.27E-08	0.209053	-4.78347	5.53E-07	2.62673	2.62673	3.16E-07	0.354051	-2.82445	133.647	10.2548	0.0682048	1
cg27480819	0.0394263	0.536498	-1.86394	0.00104572	0.281419	-3.55342	0.661061	0.891093	-1.12222	0.00117134	0.287938	-3.47297	8.02842	8.68479	0.961561	1
cg15707491	0.064973	0.760697	-1.31458	0.142539	1.23128	1.23128	0.36928	0.885409	-1.12942	0.0560145	0.751492	-1.33069	3.52044	0.971338	0.245257	1
cg12018137	0.00976876	0.639526	-1.56366	0.0143631	1.51119	1.51119	0.440196	1.11371	1.11371	0.00730674	0.622986	-1.60517	10.1335	3.00402	0.263506	1
cg18749349	0.441495	0.86074	-1.16179	0.89766	1.02489	1.02489	0.947074	1.01277	1.01277	0.321471	1.21618	1.21618	4.60792	2.66436	0.513967	1
cg09749669	0.0299557	0.280536	-3.5646	0.0038143	0.143454	-6.97089	0.0092162	0.192958	-5.18248	0.0462324	0.320888	-3.11635	7.11516	27.9166	3.48758	1
cg10825530	0.103583	0.462208	-2.16353	0.0676866	0.411739	-2.42872	0.14926	0.511482	-1.9551	0.342787	0.654602	-1.52765	4.61242	13.7301	2.64602	1
cg23530266	0.243731	0.43384	-2.305	0.00513818	0.079615	-12.5604	0.7001	1.30343	1.30343	0.0296293	0.173231	-5.77264	4.21448	31.2895	6.59936	1
cg24690731	0.40064	0.82298	-1.2151	0.00829728	0.465696	-2.14732	0.0507764	1.65529	1.65529	0.865311	0.962286	-1.03919	16.7952	13.6409	0.721947	1
cg05938889	0.790706	0.959128	-1.04261	0.0236336	1.52797	1.52797	0.0373629	1.4609	1.4609	0.29521	0.843403	-1.18567	10.9802	4.28048	0.346523	1
cg16799111	0.0837762	0.612203	-1.63344	0.0019624	0.325576	-3.07148	0.0885548	1.61894	1.61894	0.0507166	0.565046	-1.76977	9.62315	10.0211	0.925643	1
cg07233097	0.0216477	0.667011	-1.49923	9.56E-05	0.335227	-2.98306	0.42716	0.890466	-1.12301	0.171439	0.810828	-1.23331	9.82835	3.10025	0.245342	1
cg00843634	0.109939	1.76677	1.76677	0.00222226	4.05448	4.05448	0.0364052	2.21328	2.21328	0.210183	0.649638	-1.53932	5.8927	9.95794	1.50211	1
cg11603463	0.0968727	1.4596	1.4596	0.00905762	0.502422	-1.99036	0.433369	1.18045	1.18045	0.454534	0.853781	-1.17126	5.78001	3.94194	0.606217	1
cg26077100	0.495672	0.844756	-1.18377	0.568769	0.868959	-1.1508	0.110487	1.52829	1.52829	0.498905	1.18223	1.18223	4.15757	3.91602	0.837246	1
cg22647929	0.10138	0.395012	-2.53157	0.0213246	0.238642	-4.19038	0.0455707	0.305067	-3.27797	0.0246422	0.250151	-3.99759	4.09341	17.3847	3.7751	1
cg22008625	0.323368	0.818301	-1.22204	0.252526	0.790597	-1.26487	0.257584	1.25488	1.25488	0.489524	1.14799	1.14799	3.46971	2.12379	0.544084	1
cg05933904	0.720257	1.12352	1.12352	4.10E-06	0.0314894	-31.7567	0.310161	1.40513	1.40513	0.301867	1.41401	1.41401	19.5542	32.4872	1.47679	1
cg05520409	0.380583	1.40561	1.40561	0.000472288	0.125042	-7.99734	0.0493727	0.427815	-2.33746	0.142687	1.81566	1.81566	5.94251	13.4872	2.01744	1
cg04493430	0.444285	1.15227	1.15227	0.0132017	0.572175	-1.74772	0.0163017	0.586391	-1.70535	0.867863	0.970192	-1.03072	4.92342	2.57532	0.464956	1
cg09854626	0.203536	1.70623	1.70623	0.0113236	0.282955	-3.53412	0.162284	0.552141	-1.81113	0.0712704	2.23005	2.23005	4.58215	11.501	2.23107	1
cg05031521	0.124862	1.60494	1.60494	0.130212	0.62786	-1.59271	0.0218358	0.456736	-2.18945	0.0302294	2.06594	2.06594	4.53041	5.8183	1.14158	1
cg04809453	0.723918	1.2571	1.2571	0.00167306	0.0550532	-18.1642	0.0958429	0.30726	-3.25457	0.493055	1.56692	1.56692	3.91051	25.7784	5.85961	1
cg08965276	0.216366	1.92119	1.92119	0.0162085	0.228556	-4.37529	0.0567753	0.338857	-2.9511	0.244788	1.84166	1.84166	3.50798	13.9956	3.54637	1
cg02049499	0.593089	1.46901	1.46901	0.00148668	0.0312187	-32.0321	0.113912	3.45793	3.45793	0.836114	1.15895	1.15895	3.75861	29.5418	6.11315	1
cg17255712	0.156685	1.17562	1.17562	0.00524621	0.674866	-1.48178	0.814487	0.975208	-1.02542	0.0536162	1.26375	1.26375	5.28746	0.955268	0.160593	1
cg11350586	0.0977213	2.89675	2.89675	0.00435433	0.107524	-9.30021	0.0402214	0.249697	-4.00486	0.439417	0.63026	-1.58665	4.70765	25.5501	4.82432	1
cg06234051	0.423544	1.96422	1.96422	0.00134086	0.0212948	-46.9599	0.0487953	6.41409	6.41409	0.723606	1.3408	1.3408	4.22177	45.6108	9.6033	1
cg21049501	0.247648	2.72448	2.72448	0.00548796	0.0484264	-20.6499	0.0448005	6.75243	6.75243	0.106027	4.32267	4.32267	3.67565	40.0287	9.68021	1
cg04438997	0.0476273	2.99006	2.99006	0.0149396	0.235257	-4.25067	0.0567502	0.352512	-2.83678	0.549442	0.74613	-1.34025	3.65361	13.5283	3.29132	1
cg06391468	0.82099	1.03209	1.03209	0.105188	0.781334	-1.27986	0.0373767	1.40034	1.40034	0.118604	1.26634	1.26634	6.76785	2.08226	0.273484	1
cg02489379	0.0101521	0.775282	-1.28985	0.00776325	0.763991	-1.30892	0.774271	1.02199	1.02199	0.00570531	0.750915	-1.33171	15.0578	1.3349	0.0689511	1
cg02001779	0.0223864	0.249054	-4.01519	0.000707312	0.0726802	-13.7589	0.175974	0.481447	-2.07707	0.0102986	0.193511	-5.16767	7.08864	28.975	3.63335	1
cg05876232	0.124064	0.76517	-1.3069	0.231258	1.22361	1.22361	0.609368	0.920513	-1.08635	0.509146	0.897962	-1.11363	3.50508	1.4338	0.363612	1
cg11827097	0.00348862	0.316553	-3.15903	0.000583111	0.213698	-4.6795	0.0700963	0.555617	-1.7998	0.00111528	0.248214	-4.02879	13.4345	17.92	1.18567	1
cg11702456	0.00225256	0.131968	-7.5776	0.000109191	0.0396371	-25.2289	0.0770763	0.394112	-2.53735	0.00377327	0.15701	-6.36901	12.2393	43.4906	3.15855	1
cg09456094	0.00211823	0.183349	-5.45408	0.000395463	0.10911	-9.16504	0.0805307	0.467156	-2.14061	0.00144773	0.164114	-6.09332	9.45845	23.0951	2.17043	1
cg09058955	0.0131976	0.553176	-1.80774	0.203434	1.29525	1.29525	0.00206414	0.433344	-2.30763	0.00482399	0.486473	-2.05561	10.0243	5.89617	0.522831	1
cg04579254	0.320134	1.57953	1.57953	0.0252621	0.306118	-3.26671	0.0524975	0.374906	-2.66734	0.168941	0.520909	-1.91972	4.8918	15.3403	2.78749	1
cg24995347	0.175998	0.401453	-2.49095	0.00483341	0.0933817	-10.7087	0.130123	0.354477	-2.82105	0.0250265	0.184277	-5.4266	4.36467	27.8166	5.66499	1
cg17607231	0.86223	1.07834	1.07834	0.030215	0.330699	-3.0239	0.999027	1.00053	1.00053	0.0578896	0.394158	-2.53706	3.92074	11.7082	2.65442	1
cg24044052	0.187936	0.773303	-1.29315	1.41E-06	0.103862	-9.62818	0.0400032	1.54857	1.54857	0.0098117	0.547994	-1.82484	22.1211	11.8933	0.477907	1
cg25095994	0.563456	0.839939	-1.19056	5.48E-06	0.0464836	-21.513	0.980871	1.00719	1.00719	0.0142851	0.405622	-2.46535	16.0551	22.6778	1.25555	1
cg13278004	0.180472	0.516697	-1.93537	9.56E-05	0.0397621	-25.1496	0.906869	1.05584	1.05584	0.0101444	0.221884	-4.50687	9.6687	33.0097	3.03473	1
cg26847438	0.030201	0.464913	-2.15094	4.13E-06	0.0405241	-24.6767	0.433945	0.786676	-1.27117	0.000213723	0.15595	-6.4123	22.4369	32.092	1.2714	1
cg04002454	0.0168952	0.302421	-3.30665	0.000240166	0.0825567	-12.1129	0.354034	0.676182	-1.47889	0.00410609	0.205991	-4.85457	11.1181	29.6529	2.37074	1
cg20163807	0.426479	0.899661	-1.11153	9.38E-05	0.403811	-2.4764	0.244964	1.1716	1.1716	0.827247	0.971941	-1.02887	8.02084	2.15407	0.238719	1
cg11606261	0.973558	1.00951	1.00951	0.0229923	0.459945	-2.17417	0.244779	1.4155	1.4155	0.00438707	0.337406	-2.96379	4.13155	5.33691	1.14822	1
cg25186332	0.0182406	0.182241	-5.48725	0.075393	0.308504	-3.24145	0.673471	0.777409	-1.28632	0.533184	0.687321	-1.45492	3.96944	22.1878	4.96858	1
cg14794577	0.276499	1.15915	1.15915	0.0160937	0.680939	-1.46856	0.140459	1.22986	1.22986	0.00326573	1.68742	1.68742	6.13306	1.65357	0.239658	1
cg25024143	0.989504	1.00092	1.00092	0.00232922	1.34518	1.34518	0.00547641	1.29017	1.29017	0.902187	1.00861	1.00861	9.42336	0.726066	0.0684885	1
cg03968126	0.0431948	1.26162	1.26162	0.0333689	1.28202	1.28202	0.307458	0.899822	-1.11133	0.00014609	1.92134	1.92134	7.71354	1.21963	0.140547	1
cg08070491	0.0345413	0.375106	-2.66592	0.176128	0.564316	-1.77206	0.667519	1.18757	1.18757	0.0905837	0.476281	-2.0996	3.81629	9.56468	2.2278	1
cg07427945	0.817662	1.04561	1.04561	0.0039054	0.472238	-2.11758	0.0915141	0.698463	-1.43172	0.579234	0.89747	-1.11424	4.17098	2.46396	0.5251	1
cg14114267	0.000891494	0.369513	-2.70627	0.0717944	0.668882	-1.49503	0.330404	0.817967	-1.22254	0.00341813	0.451204	-2.21629	9.11085	5.77558	0.563487	1
cg22067795	0.0739843	0.844055	-1.18476	0.000272918	0.601827	-1.66161	0.51578	1.0577	1.0577	0.00349362	1.40125	1.40125	11.146	1.27955	0.102043	1
cg00414354	0.00447084	0.524457	-1.90673	0.168725	1.28357	1.28357	0.982525	1.00374	1.00374	0.752921	0.947662	-1.05523	6.47432	2.97141	0.407958	1
cg15477738	0.0324864	1.25769	1.25769	0.28142	0.902541	-1.10798	0.275461	0.901296	-1.10951	0.0138887	0.756983	-1.32103	5.08333	0.675477	0.118116	1
cg25729765	1.05E-05	0.227602	-4.39364	0.00597562	0.568574	-1.75879	0.099529	1.32796	1.32796	0.585263	0.917062	-1.09044	17.9078	7.0012	0.347519	1
cg24859484	0.446295	1.20843	1.20843	0.103306	0.644448	-1.55172	0.0239494	0.509807	-1.96153	0.266342	1.32764	1.32764	9.62116	8.82044	0.713048	1
cg15787552	0.00185683	0.712183	-1.40413	0.12565	0.88042	-1.13582	0.625251	0.96288	-1.03855	0.7515	0.975883	-1.02471	10.816	1.01155	0.0831319	1
cg09748770	0.143624	0.818161	-1.22225	0.0398135	0.738205	-1.35464	0.0351928	1.36798	1.36798	0.350397	1.13061	1.13061	8.96591	2.31638	0.229648	1
cg16721202	0.0362601	1.41017	1.41017	0.876404	0.978267	-1.02222	0.814064	0.967288	-1.03382	0.118568	1.27023	1.27023	8.85915	2.79627	0.280565	1
cg22952341	0.858398	1.03164	1.03164	0.00257354	2.07314	2.07314	0.211107	0.794664	-1.25839	0.623832	0.917387	-1.09005	8.72529	4.20511	0.428396	1
cg08842388	0.938606	1.01363	1.01363	0.665687	1.07939	1.07939	0.763321	0.948308	-1.05451	0.0619222	0.691109	-1.44695	4.39399	2.14947	0.434831	1
cg19644145	0.938783	0.984085	-1.01617	0.0287126	1.71416	1.71416	0.272605	1.26935	1.26935	0.0359714	0.600752	-1.66458	3.55564	2.45678	0.614181	1
cg04028315	0.00559744	0.166127	-6.01951	0.000864543	0.0735773	-13.5912	0.114597	0.45574	-2.19423	0.0765047	0.402485	-2.48456	8.57777	25.5087	1.98254	1
cg18183163	0.0108551	0.217773	-4.59194	0.207749	1.88326	1.88326	0.00408123	6.27571	6.27571	0.75651	1.15976	1.15976	13.6073	48.9394	3.19694	1
cg21829923	0.255845	2.00392	2.00392	0.00175131	13.6504	13.6504	0.000722166	20.3764	20.3764	0.0188911	5.29256	5.29256	7.24086	39.3825	4.83459	1
cg00858840	0.964381	0.968547	-1.03247	0.00450914	15.0156	15.0156	0.0029563	18.5447	18.5447	0.0423661	5.32909	5.32909	5.07945	41.203	7.2104	1
cg26766005	0.0820795	0.633879	-1.57759	0.00299193	0.381509	-2.62117	0.81597	1.05672	1.05672	0.742061	1.0813	1.0813	12.7489	11.3081	0.788431	1
cg13457515	2.11E-07	0.175257	-5.70592	5.22E-09	0.0615446	-16.2484	6.94E-09	0.0679019	-14.7271	0.994938	1.0007	1.0007	186.703	36.3388	0.173008	1
cg27210136	6.58E-05	0.199883	-5.00293	2.93E-07	0.0364637	-27.4246	9.62E-05	0.217427	-4.59924	0.000391294	0.288605	-3.46494	60.955	46.6816	0.680744	1
cg02219949	0.012337	0.331004	-3.02111	3.57E-05	0.0590563	-16.933	0.000164048	0.102232	-9.78169	0.00113885	0.183032	-5.46354	18.5938	37.08	1.77263	1
cg23355492	0.00492669	0.239951	-4.16752	4.04E-05	0.0496073	-20.1583	3.68E-05	0.0477027	-20.9632	0.00925275	0.282037	-3.54564	17.9106	41.6547	2.06728	1
cg26888147	0.00557014	0.346199	-2.88851	0.000470548	0.201719	-4.95739	0.000203254	0.162896	-6.13888	0.473422	0.808628	-1.23666	13.5296	18.1849	1.19474	1
cg20556951	0.00294092	0.223543	-4.47341	0.000126992	0.08661	-11.546	0.000183168	0.0982732	-10.1757	0.0139409	0.328211	-3.04682	12.7014	27.0686	1.89436	1
cg16779251	0.0175652	0.46594	-2.1462	0.00376084	0.355703	-2.81134	0.0173643	0.465041	-2.15035	0.534376	0.846784	-1.18094	5.22785	5.78343	0.983356	1
cg06302877	0.0180761	0.424579	-2.35527	0.01922	0.429533	-2.32811	0.113739	1.67095	1.67095	0.925619	1.02825	1.02825	4.36834	6.15797	1.25305	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23643375	SP6	0.0302874	0.0723683	0.287822	-3.47437	0.00160159	0.0601055	-16.6374	0.116356	0.34651	-2.88592	0.241669	0.467107	-2.14084	0.0456652	0.24094	-4.15042	0.0520096	0.253336	-3.94733	0.0973635	0.323055	-3.09545	0.0176744	0.166571	-6.00345	0.858385	0.894998	-1.11732	4.07301	24.8861	5.4311	1
cg20020844	SP6	0.0364575	0.0884264	0.486438	-2.05576	0.389207	0.712986	-1.40255	0.165266	0.566985	-1.76371	0.278545	1.54026	1.54026	0.0143851	0.314541	-3.17924	0.00402914	0.227404	-4.39746	0.0374249	0.396193	-2.52402	0.774273	0.895622	-1.11654	0.878291	1.06051	1.06051	3.8103	8.86947	2.06912	1
cg05044743	SP6	0.041851	0.110916	2.40536	2.40536	0.0902576	0.389284	-2.56882	0.0664165	0.353337	-2.83016	0.577065	0.75223	-1.32938	0.0618842	0.34557	-2.89377	0.125779	0.432916	-2.30992	0.0497068	0.322595	-3.09986	0.0407154	3.30018	3.30018	0.475556	1.44289	1.44289	3.62209	14.6506	3.59536	1
cg19065106	SP7	0.000324335	0.000133331	0.215514	-4.64008	0.0941894	0.652832	-1.53179	0.747752	0.927947	-1.07765	0.0326074	0.560144	-1.78525	0.0179525	1.94732	1.94732	0.0215996	1.89525	1.89525	0.00209832	2.72599	2.72599	0.000273628	3.98163	3.98163	0.951114	1.01431	1.01431	16.1024	13.6969	0.756102	1
cg09657354	SP7	0.00914504	0.00305068	0.316997	-3.1546	0.101758	0.602219	-1.66053	0.0316381	0.490018	-2.04074	0.00544515	0.355159	-2.81564	0.0184151	0.445051	-2.24694	0.00189197	0.287496	-3.47831	0.0175923	0.441411	-2.26546	0.0373528	0.504575	-1.98187	0.566424	0.848684	-1.1783	6.08143	7.71952	1.12832	1
cg02390588	SP7	0.0148543	0.344002	0.866514	-1.15405	0.0132249	1.5705	1.5705	0.0157333	0.647242	-1.54502	0.636233	1.07254	1.07254	0.0364795	0.699555	-1.42948	0.0619028	0.734165	-1.36209	0.265576	1.18593	1.18593	0.314662	1.16513	1.16513	0.0137759	0.639201	-1.56445	5.19744	1.7784	0.30415	1
cg02200939	SP8;SP8	2.12E-06	0.417627	0.892296	-1.1207	0.00436777	1.68844	1.68844	1.00E-06	5.8576	5.8576	2.29E-06	4.88673	4.88673	0.0118554	0.649076	-1.54065	0.294607	0.861098	-1.16131	2.62E-06	0.210453	-4.75166	0.00124485	1.91359	1.91359	0.794829	0.964782	-1.0365	60.4881	18.1326	0.266463	1
cg08831002	SP8;SP8	0.000313942	0.739985	0.952965	-1.04936	0.056849	1.36585	1.36585	0.157445	1.24443	1.24443	0.124126	1.27235	1.27235	0.474174	1.11103	1.11103	0.725803	0.950341	-1.05225	9.76E-05	0.367259	-2.72287	3.92E-05	3.12266	3.12266	0.020071	1.50046	1.50046	16.2468	5.38415	0.294577	1
cg13933930	SP8;SP8	0.000616722	0.0229116	0.783697	-1.276	0.118644	1.16381	1.16381	0.135803	1.15483	1.15483	0.30113	1.1007	1.1007	0.0542377	0.822315	-1.21608	0.00838247	0.739626	-1.35204	2.74E-05	0.476935	-2.09672	0.240326	1.11638	1.11638	0.0301753	1.25644	1.25644	13.4801	1.71216	0.112901	1
cg08550101	SP8;SP8	0.00111284	0.58062	0.945986	-1.0571	0.17407	0.865988	-1.15475	0.455672	1.07854	1.07854	0.392599	1.09106	1.09106	0.00306719	1.49694	1.49694	0.053094	1.24445	1.24445	0.643276	0.954654	-1.0475	2.21E-05	2.33352	2.33352	0.145159	1.16845	1.16845	11.4145	1.78996	0.139391	1
cg14141380	SP8;SP8	0.00135662	0.572421	0.965114	-1.03615	0.379688	0.945446	-1.0577	0.239028	1.07978	1.07978	0.978248	0.998304	-1.0017	0.019553	1.19202	1.19202	0.457042	0.953945	-1.04828	0.290137	1.07073	1.07073	2.06E-05	1.70774	1.70774	0.0272785	1.17658	1.17658	10.7865	0.662016	0.0545551	1
cg18404205	SP8;SP8	0.00204946	0.0019801	0.130015	-7.69141	0.116329	2.21827	2.21827	0.016084	3.95613	3.95613	0.00586833	0.185718	-5.3845	0.0016964	0.123263	-8.11274	0.00829816	0.206893	-4.83341	0.0530937	0.358402	-2.79016	0.426985	1.46034	1.46034	0.074375	0.395273	-2.5299	9.57349	33.0501	3.06867	1
cg15427906	SP8;SP8	0.00260388	0.439901	1.32417	1.32417	0.0391658	2.34149	2.34149	0.0158481	2.86733	2.86733	0.718208	1.13789	1.13789	0.138965	1.76425	1.76425	0.10989	1.86117	1.86117	0.000144457	0.0969555	-10.314	0.127472	1.79947	1.79947	0.064565	2.09613	2.09613	8.92436	17.9599	1.78885	1
cg18064714	SP8;SP8	0.0045207	0.887883	0.957786	-1.04407	0.701332	1.12505	1.12505	0.240706	1.45579	1.45579	0.497662	0.810168	-1.23431	0.549315	0.830899	-1.20352	0.76973	0.914161	-1.0939	0.380658	0.759613	-1.31646	5.43E-05	9.97576	9.97576	0.904147	1.03752	1.03752	7.56718	11.2039	1.31608	1
cg23093589	SP8;SP8	0.00787268	0.604179	0.847149	-1.18043	0.977316	1.00906	1.00906	0.0659348	1.92397	1.92397	0.42372	1.29584	1.29584	0.722377	1.1198	1.1198	0.991737	0.996721	-1.00329	0.828958	1.07103	1.07103	9.21E-05	9.15742	9.15742	0.900281	1.04056	1.04056	6.37624	10.1596	1.41632	1
cg06825039	SP8;SP8	0.0115164	0.525761	0.873177	-1.14524	0.383442	1.20746	1.20746	0.0892594	1.48477	1.48477	0.371632	1.21348	1.21348	0.890274	1.02954	1.02954	0.448521	0.849661	-1.17694	0.143921	0.718082	-1.3926	0.00023763	3.61141	3.61141	0.476274	1.16507	1.16507	5.64825	3.98014	0.626372	1
cg07148296	SP8;SP8	0.013145	0.22511	0.573973	-1.74224	0.364814	1.50045	1.50045	0.527767	0.756717	-1.3215	0.0075458	4.47239	4.47239	0.299648	0.626013	-1.59741	0.905528	0.94958	-1.0531	0.178849	0.536703	-1.86323	0.00119132	7.9262	7.9262	0.119051	2.09005	2.09005	5.4105	16.2706	2.67309	1
cg01003961	SP8;SP8	0.0188587	0.113353	3.79905	3.79905	0.453812	1.80601	1.80601	0.00652884	15.4534	15.4534	0.746031	1.28627	1.28627	0.450676	0.551349	-1.81373	0.0937369	4.16953	4.16953	0.412718	0.522692	-1.91317	0.00107819	42.0948	42.0948	0.631471	1.45409	1.45409	4.79915	45.6139	8.44851	1
cg20377955	SP8;SP8	0.0194879	0.0152232	0.363925	-2.74782	0.0318839	0.426224	-2.34618	0.187799	0.622924	-1.60533	0.907325	1.04028	1.04028	0.0104571	0.335224	-2.98308	0.168143	0.607701	-1.64554	0.00213534	0.231524	-4.31922	0.488729	1.26935	1.26935	0.113074	0.557211	-1.79465	4.74616	8.64404	1.61891	1
cg16448102	SP8;SP8	0.0206061	0.815356	0.864092	-1.15728	0.0422628	4.30984	4.30984	0.107158	2.99876	2.99876	0.553548	0.687807	-1.4539	0.305916	0.515834	-1.93861	0.00684397	8.91065	8.91065	0.655694	1.32344	1.32344	0.00217569	14.6683	14.6683	0.151985	2.60743	2.60743	4.65701	28.7615	5.48974	1
cg16544956	SP8;SP8	0.0207881	0.35089	1.5207	1.5207	0.0216449	0.300036	-3.33294	0.508821	0.746318	-1.33991	?	?	?	0.168614	0.527066	-1.89729	0.411929	0.693319	-1.44234	0.842131	1.09096	1.09096	0.00275026	6.07309	6.07309	0.10525	2.16571	2.16571	4.72683	12.6834	2.68327	1
cg27618240	SP8;SP8	0.0237174	0.259447	1.26906	1.26906	0.647968	0.911094	-1.09758	0.860175	0.964918	-1.03636	0.372412	1.20379	1.20379	0.172853	0.745417	-1.34153	0.525848	1.13905	1.13905	0.701454	0.924948	-1.08114	0.000450107	3.06666	3.06666	0.699172	1.08183	1.08183	4.43755	2.88319	0.577533	1
cg11418477	SP9	3.16E-06	0.702526	1.06286	1.06286	0.163505	0.78958	-1.2665	0.353657	1.16371	1.16371	0.790202	0.958522	-1.04327	0.957855	0.991639	-1.00843	0.687258	0.937728	-1.06641	0.253684	0.827473	-1.2085	2.46E-08	26.6924	26.6924	0.368927	0.863634	-1.1579	54.6424	21.8428	0.355326	1
cg00153110	SP9	3.71E-06	0.192224	1.20969	1.20969	0.0130657	1.529	1.529	0.14512	1.24084	1.24084	3.38E-07	0.130129	-7.68466	0.0496145	0.734247	-1.36194	0.000163471	0.411972	-2.42735	0.0037786	0.583368	-1.71418	9.39E-06	3.73881	3.73881	0.00294018	1.75642	1.75642	52.4261	15.7928	0.267769	1
cg03249890	SP9	8.16E-05	0.85152	1.03701	1.03701	0.012695	0.54839	-1.82352	0.994716	1.00129	1.00129	0.836067	1.04101	1.04101	0.33514	0.824658	-1.21262	0.394763	0.844457	-1.18419	0.00493754	0.485702	-2.05888	1.35E-06	10.9896	10.9896	0.258457	1.25697	1.25697	23.3733	13.9267	0.529634	1
cg00827989	SP9	0.000108145	0.656318	1.10908	1.10908	0.851767	0.957681	-1.04419	0.0418917	0.581559	-1.71952	0.18033	0.719743	-1.38938	0.986919	0.996217	-1.0038	0.267299	0.765572	-1.30621	0.00369756	2.47637	2.47637	1.53E-06	16.5998	16.5998	0.999642	0.999896	-1.0001	21.6813	18.3478	0.752222	1
cg03181248	SP9	0.000209402	0.909242	1.02634	1.02634	0.00139881	0.348077	-2.87293	0.771795	1.06855	1.06855	0.738177	1.07949	1.07949	0.662308	1.10539	1.10539	0.73432	0.92527	-1.08077	0.00160479	0.356369	-2.80608	1.49E-05	7.757	7.757	0.00323558	2.49874	2.49874	18.1436	14.9386	0.731866	1
cg00410370	SP9	0.000283904	0.141973	0.725656	-1.37806	0.0303131	0.596198	-1.6773	0.448987	1.16966	1.16966	0.099422	0.692935	-1.44314	0.114199	0.705396	-1.41764	0.339244	0.818676	-1.22148	0.024399	0.579973	-1.72422	5.99E-06	7.86617	7.86617	0.923416	1.01972	1.01972	16.7001	10.9114	0.580775	1
cg02071005	SP9	0.000805421	0.927975	0.970528	-1.03037	?	?	?	0.00259844	0.17402	-5.74646	?	?	?	0.487988	0.790158	-1.26557	?	?	?	0.0157402	3.09377	3.09377	0.000102181	33.2038	33.2038	0.201092	1.58918	1.58918	31.5612	33.4715	0.883772	1
cg14459130	SP9	0.000970959	0.0120175	0.485277	-2.06068	0.516176	0.859043	-1.16409	0.303717	0.782034	-1.27872	0.0905348	0.65023	-1.53792	0.285006	0.773904	-1.29215	0.502833	1.16993	1.16993	0.00075003	0.307222	-3.25497	9.88E-05	4.9305	4.9305	0.361518	1.2417	1.2417	11.8652	10.01	0.749908	1
cg03805618	SP9	0.00120529	0.0223507	3.25319	3.25319	0.000474991	10.6423	10.6423	0.16447	0.527711	-1.89498	0.00401641	5.2898	5.2898	0.0117018	3.88644	3.88644	0.00105588	8.06483	8.06483	0.0255291	0.318657	-3.13817	0.0692614	2.40104	2.40104	0.268501	0.60855	-1.64325	11.1578	32.8195	2.61458	1
cg18609783	SP9	0.00133883	0.409755	0.79916	-1.25131	0.00195238	3.20534	3.20534	0.294484	0.748896	-1.3353	0.0105985	2.3509	2.3509	0.18858	1.44841	1.44841	0.00155922	3.35074	3.35074	0.00185594	0.3089	-3.23729	0.00503096	2.68248	2.68248	0.411487	0.799852	-1.25023	10.8274	12.1278	0.995649	1
cg06212224	SP9	0.0015891	0.0553888	2.54095	2.54095	0.000493616	10.4099	10.4099	0.186453	0.548005	-1.8248	0.00629241	4.6106	4.6106	0.928156	0.962012	-1.03949	0.0519527	2.58473	2.58473	0.00146718	0.139145	-7.18673	0.160312	0.525106	-1.90438	0.169933	0.533782	-1.87342	10.3067	30.1044	2.5963	1
cg04105760	SP9	0.00176182	0.00741058	0.698763	-1.4311	0.00225564	0.641358	-1.55919	0.290398	0.892247	-1.12077	0.0418137	0.78366	-1.27606	0.00439923	0.67361	-1.48454	0.944634	1.00724	1.00724	0.000157078	0.510676	-1.95819	0.0814476	1.22223	1.22223	0.925741	1.00973	1.00973	10.0038	1.71066	0.152001	1
cg01269597	SP9	0.00408492	0.595284	0.805488	-1.24148	0.298129	0.647169	-1.54519	0.323643	1.50876	1.50876	0.731606	0.870305	-1.14902	0.665861	0.839212	-1.19159	0.023715	0.336432	-2.97237	0.497186	0.757216	-1.32063	0.000100466	16.1587	16.1587	0.188324	1.7549	1.7549	7.8029	20.117	2.29168	1
cg08575330	SP9	0.00456307	0.39541	0.676564	-1.47806	0.0797719	0.417767	-2.39368	0.628986	0.803677	-1.24428	0.54694	0.7606	-1.31475	0.770149	0.876757	-1.14057	0.613102	1.25722	1.25722	?	?	?	0.00010353	21.8174	21.8174	0.579286	1.28584	1.28584	7.70877	21.871	2.83716	1
cg08813062	SP9	0.004761	0.806187	0.89376	-1.11887	0.00596938	0.193524	-5.16732	0.803338	1.12076	1.12076	0.26649	0.589191	-1.69724	0.153943	0.497859	-2.0086	0.406721	0.678539	-1.47375	0.00771711	0.209319	-4.7774	0.000636224	10.9917	10.9917	0.325598	1.59008	1.59008	7.44899	24.6305	2.93916	1
cg17153568	SP9	0.00629241	0.940164	1.01677	1.01677	0.000743579	3.10888	3.10888	0.630362	1.11339	1.11339	0.0934107	1.50496	1.50496	0.346992	0.806932	-1.23926	0.0291878	1.76701	1.76701	0.00323469	0.410749	-2.43458	0.531312	1.15081	1.15081	0.872285	1.03628	1.03628	6.83782	5.31411	0.690812	1
cg16233311	SP9	0.00644014	0.418569	0.8186	-1.2216	0.0212164	1.9558	1.9558	0.0474882	0.577533	-1.7315	0.391638	1.23681	1.23681	0.02895	0.536028	-1.86557	0.313288	1.28731	1.28731	0.000517665	0.269425	-3.71161	0.451553	0.830489	-1.20411	0.0588263	0.596433	-1.67663	6.78883	6.30504	0.825545	1
cg00928397	SP9	0.00651679	0.194464	1.73256	1.73256	0.000942842	7.206	7.206	0.872559	1.06639	1.06639	0.00706514	4.03087	4.03087	0.45182	0.735698	-1.35925	0.00541914	4.32941	4.32941	0.0902195	0.47349	-2.11198	0.58552	0.802121	-1.2467	0.466772	0.743399	-1.34517	6.76396	17.1753	2.25711	1
cg00582316	SP9	0.0177599	0.941679	1.00867	1.00867	0.184979	0.847092	-1.18051	0.341976	0.890853	-1.12252	0.150446	0.833654	-1.19954	0.0602258	1.28426	1.28426	0.493267	0.921152	-1.0856	0.817767	0.973124	-1.02762	0.000674631	1.84718	1.84718	0.500021	1.08417	1.08417	4.89718	1.08069	0.196156	1
cg17964510	SP9	0.0206135	0.132021	0.520616	-1.9208	0.408152	1.40057	1.40057	0.638116	0.828455	-1.20707	0.480322	0.751709	-1.3303	0.53751	1.28173	1.28173	0.00883278	0.252734	-3.95673	?	?	?	0.00308899	5.42841	5.42841	0.715378	1.15652	1.15652	5.26782	11.4314	1.89878	1
cg27444062	SPA17	0.000407234	0.0380429	0.716703	-1.39528	0.212202	1.19963	1.19963	0.00216182	0.550817	-1.81549	0.0576982	0.742851	-1.34617	0.979534	0.996453	-1.00356	0.00199438	0.54634	-1.83036	2.84E-05	0.319828	-3.12668	0.0154032	1.50957	1.50957	0.00616829	0.609691	-1.64018	15.1253	4.5958	0.270089	1
cg04367614	SPACA1	7.33E-05	0.119703	0.707286	-1.41385	5.35E-05	0.213089	-4.69288	3.73E-05	0.196751	-5.08257	0.000243484	0.288143	-3.4705	5.87E-05	0.217323	-4.60145	0.000158118	0.265698	-3.76367	0.959851	1.01038	1.01038	0.0793581	0.670655	-1.49108	0.000287318	0.296961	-3.36744	24.0542	16.0305	0.592385	1
cg02871313	SPACA1	0.00506507	0.297422	1.27116	1.27116	0.00379292	2.38067	2.38067	0.220378	0.751119	-1.33135	0.315484	1.25927	1.25927	0.0194696	1.8726	1.8726	0.00193972	0.377599	-2.64831	0.915518	0.976707	-1.02385	0.0149619	1.94357	1.94357	0.230493	0.756229	-1.32235	7.30968	5.71137	0.694528	1
cg23656083	SPACA1	0.0102038	0.391076	1.43528	1.43528	0.438473	1.38398	1.38398	0.766236	1.13043	1.13043	0.261911	1.61779	1.61779	0.0805829	2.21868	2.21868	0.000552764	0.110284	-9.06753	0.0158447	3.37104	3.37104	0.301193	1.55348	1.55348	0.456964	1.36549	1.36549	5.87257	15.7273	2.38053	1
cg14811319	SPACA1	0.0146602	0.164298	1.85422	1.85422	0.0472243	2.57222	2.57222	0.338389	1.50778	1.50778	0.557199	1.28022	1.28022	0.0143321	3.51265	3.51265	0.0190121	0.306824	-3.2592	0.00196758	6.17288	6.17288	0.146436	1.91292	1.91292	0.471293	1.35651	1.35651	5.22007	14.3143	2.43748	1
cg17464591	SPACA1	0.0245126	0.169091	1.55303	1.55303	0.409943	0.776316	-1.28814	0.560469	1.19348	1.19348	0.49684	1.23033	1.23033	0.0142131	2.48142	2.48142	0.0293862	0.462592	-2.16173	0.00350202	3.28746	3.28746	0.293109	1.38777	1.38777	0.880024	0.955632	-1.04643	4.38714	6.27293	1.27097	1
cg22144900	SPACA1	0.0253428	0.996576	0.998067	-1.00194	0.371234	1.51286	1.51286	0.992575	0.995813	-1.00421	0.325885	1.57997	1.57997	0.266702	1.68508	1.68508	0.00326357	0.163916	-6.10068	0.00825221	4.58762	4.58762	0.0949181	2.28769	2.28769	0.794297	1.12505	1.12505	4.33663	13.9653	2.86251	1
cg00515455	SPACA1	0.0354478	0.0272231	0.15866	-6.30279	0.0121348	0.110544	-9.04614	0.0732109	0.244791	-4.08512	0.0506399	0.208284	-4.80114	0.00495341	0.07272	-13.7514	0.0351969	0.177626	-5.62981	0.103806	0.285653	-3.50075	0.195671	0.381376	-2.62209	0.0725316	0.24379	-4.10189	3.84936	30.2511	6.98553	1
cg08551976	SPACA1	0.0409618	0.218768	1.55029	1.55029	0.00672107	3.29161	3.29161	0.66279	1.16036	1.16036	0.351586	1.38397	1.38397	0.137443	1.71989	1.71989	0.316742	1.42025	1.42025	0.00190037	4.44337	4.44337	0.131877	1.73546	1.73546	0.449484	1.29853	1.29853	3.65099	6.64385	1.61754	1
cg11161417	SPACA3	0.000156629	0.000239772	0.174525	-5.72983	0.000603777	0.219005	-4.5661	0.000115488	0.143536	-6.96687	0.00235376	0.295665	-3.38221	0.000461601	0.205456	-4.86723	0.0625317	0.547787	-1.82553	0.00121971	0.256929	-3.89212	2.57E-05	0.091143	-10.9718	0.00214957	0.290124	-3.4468	19.6267	25.6282	1.16069	1
cg13813649	SPACA3	0.000818904	0.0897784	0.756412	-1.32203	0.934917	1.01227	1.01227	0.00136331	0.499669	-2.00132	0.983596	0.996936	-1.00307	0.870688	1.02462	1.02462	0.304489	0.853221	-1.17203	0.0374208	1.43405	1.43405	0.00025688	0.407254	-2.45547	0.000136604	0.373412	-2.67801	12.45	4.39348	0.313681	1
cg07704580	SPACA3	0.00445037	0.25566	0.854037	-1.17091	0.293029	1.15608	1.15608	9.31E-05	0.39574	-2.52691	0.434099	0.899314	-1.11196	0.753885	1.04271	1.04271	0.75733	1.04207	1.04207	0.829425	0.971721	-1.0291	0.0061443	0.621677	-1.60855	0.803841	0.967452	-1.03364	7.60326	2.1289	0.248887	1
cg01752628	SPACA3	0.0257935	0.113102	0.360338	-2.77518	0.0256238	0.208159	-4.80401	0.193492	0.44288	-2.25795	0.951074	1.03699	1.03699	0.0755794	0.310104	-3.22472	0.669377	1.28951	1.28951	0.000847013	0.0513291	-19.4821	0.323739	0.547014	-1.82811	0.1022	0.346899	-2.88268	4.31006	23.9174	4.93263	1
cg25952886	SPACA3	0.0291734	0.544852	0.889826	-1.12382	0.0144527	1.77554	1.77554	0.257985	1.25212	1.25212	0.56488	1.11721	1.11721	0.0116297	1.82352	1.82352	0.39488	1.18055	1.18055	0.00254092	2.22072	2.22072	0.151511	1.34006	1.34006	0.0937213	1.42062	1.42062	4.12751	2.37178	0.51078	1
cg12139542	SPACA3	0.0386346	0.911635	1.04596	1.04596	0.0060491	0.234253	-4.26889	0.0301369	0.356225	-2.80721	0.687964	1.17754	1.17754	0.89809	1.05324	1.05324	0.190265	0.570354	-1.7533	0.913825	0.957128	-1.04479	0.00930777	0.263041	-3.80169	0.0577383	0.419558	-2.38346	3.73044	9.68084	2.30675	1
cg26829529	SPACA3	0.044017	0.223235	0.440045	-2.27249	0.0120731	0.134318	-7.44504	0.0582746	0.253438	-3.94574	0.0747585	0.279949	-3.57208	0.107139	0.32364	-3.08985	0.0481195	0.234825	-4.2585	0.0189621	0.161644	-6.18645	0.0101091	0.124742	-8.01656	0.0756554	0.281289	-3.55506	3.55475	23.1638	5.79225	1
cg25609220	SPACA4;FAM83E	0.000946397	0.00125389	0.283784	-3.5238	0.00409403	0.357096	-2.80037	0.00379252	0.352059	-2.84043	0.0246049	0.488902	-2.0454	0.000230326	0.194974	-5.1289	0.433806	0.807749	-1.23801	0.000183199	0.184398	-5.42305	0.815167	1.0646	1.0646	0.106567	0.624339	-1.6017	11.9516	13.5269	1.00605	1
cg19030597	SPACA4;FAM83E	0.0312831	0.0292537	0.521301	-1.91828	0.0258965	0.511315	-1.95574	0.0316313	0.527789	-1.8947	0.0360489	0.538803	-1.85597	0.00241042	0.342346	-2.92102	0.181809	0.698059	-1.43254	0.928629	1.02298	1.02298	0.233388	0.728417	-1.37284	0.154776	0.679613	-1.47143	4.02635	4.10177	0.905539	1
cg14777244	SPACA4;FAM83E;SPACA4	0.0385662	0.0188982	0.363122	-2.75389	0.0191097	0.364036	-2.74698	0.0292282	0.40038	-2.49763	0.135887	0.564062	-1.77285	0.00657907	0.284401	-3.51616	0.478358	0.773518	-1.29279	0.0261201	0.390471	-2.56101	0.695654	0.869294	-1.15036	0.642717	0.846665	-1.1811	3.73287	7.50502	1.78713	1
cg08510182	SPACA4;FAM83E;SPACA4	0.0396201	0.051203	0.661754	-1.51114	0.124495	0.733979	-1.36244	0.00719189	0.524582	-1.90628	0.838002	0.962649	-1.0388	0.0387981	0.640887	-1.56034	0.0674763	0.683205	-1.46369	0.0777527	1.43982	1.43982	0.953081	1.011	1.011	0.92412	1.01787	1.01787	3.6961	2.02406	0.486773	1
cg01413492	SPACA5	0.00711852	0.0508446	0.258257	-3.87211	0.000755636	0.0446842	-22.3793	0.0136695	0.156312	-6.39744	0.375602	0.575011	-1.7391	0.00590504	0.111717	-8.9512	0.449841	1.59776	1.59776	0.00521407	0.106128	-9.42259	0.587083	0.716279	-1.3961	0.049287	0.255239	-3.9179	6.58056	38.5956	5.21341	1
cg23494069	SPAG11A;SPAG11B	0.00107932	4.54E-05	0.317936	-3.14528	0.540268	0.911987	-1.09651	0.0011882	0.493485	-2.0264	0.174705	0.806933	-1.23926	0.000587316	0.454166	-2.20184	0.98512	0.997233	-1.00277	0.226202	0.827924	-1.20784	0.0364031	0.696683	-1.43537	0.179938	0.80927	-1.23568	11.5143	4.02674	0.31086	1
cg14600420	SPAG11B;SPAG11B;SPAG11B;SPAG11B; SPAG11B;SPAG11B	0.000269242	0.000653966	0.233395	-4.28458	0.495558	1.21257	1.21257	0.0102892	0.406309	-2.46118	0.00052919	0.222383	-4.49675	0.551389	0.845475	-1.18277	0.806308	0.933865	-1.07082	0.568198	1.17429	1.17429	9.20E-06	0.0692147	-14.4478	0.133736	0.637326	-1.56906	16.9438	20.8183	1.09215	1
cg00707129	SPAG16	0.00150186	0.164569	0.725623	-1.37813	0.00361876	0.426672	-2.34372	0.300454	0.792887	-1.26121	0.915356	0.977267	-1.02326	0.00293591	0.413286	-2.41963	0.0257661	1.7731	1.7731	0.0584269	1.58804	1.58804	0.00466241	0.443177	-2.25644	0.000415842	0.297864	-3.35724	10.4758	7.76177	0.658596	1
cg22573179	SPAG16;SPAG16	0.00253121	0.000476181	0.635642	-1.57321	0.471525	0.941294	-1.06237	0.0207983	0.794644	-1.25843	0.0415086	0.823513	-1.21431	0.00017687	0.591489	-1.69065	0.0662228	0.843494	-1.18554	0.361366	0.92542	-1.08059	0.384019	0.928919	-1.07652	0.00491864	0.735081	-1.36039	8.99911	0.972552	0.0960639	1
cg17842354	SPAG16;SPAG16	0.0199607	0.777569	1.06269	1.06269	0.258421	0.776328	-1.28812	0.108131	1.45697	1.45697	0.371558	1.21773	1.21773	0.00107366	0.35443	-2.82143	0.0464749	0.612854	-1.63171	0.666852	1.09744	1.09744	0.150517	1.39217	1.39217	0.871953	0.96596	-1.03524	4.70771	3.4371	0.648979	1
cg18859776	SPAG16;VWC2L	0.0129565	0.357068	0.653905	-1.52927	0.132462	0.482826	-2.07114	0.101044	0.446922	-2.23753	0.099473	0.444944	-2.24748	0.00931156	0.227761	-4.39057	0.012422	0.247738	-4.03652	0.00963057	0.230026	-4.34734	0.00101364	0.112294	-8.90517	0.032298	0.324905	-3.07782	5.43609	17.3167	2.83156	1
cg12435551	SPAG17	0.000813307	0.00198643	0.173939	-5.74914	0.264919	0.627934	-1.59252	0.000279099	0.0924873	-10.8123	0.00215998	0.178257	-5.60987	0.757484	0.883341	-1.13207	0.213416	0.591722	-1.68998	0.000102802	0.0637448	-15.6876	0.607227	1.23078	1.23078	0.00614305	0.238887	-4.18608	12.474	31.6865	2.25795	1
cg26516680	SPAG17	0.00273578	0.118263	0.655606	-1.52531	0.0638565	0.595383	-1.67959	6.96E-05	0.163927	-6.10026	0.199214	0.713426	-1.40169	0.0730499	0.607933	-1.64492	0.0305035	0.531053	-1.88305	0.973034	0.991621	-1.00845	0.183472	0.703763	-1.42093	0.00123336	0.308498	-3.24151	8.79512	8.63197	0.8724	1
cg02623200	SPAG17	0.00925176	0.0838005	0.477357	-2.09487	0.0404161	0.400573	-2.49643	0.0752369	0.46508	-2.15017	0.137764	0.539196	-1.85461	0.000184896	0.0870822	-11.4834	0.0127622	0.302486	-3.30594	0.617857	0.823344	-1.21456	0.39449	0.713866	-1.40082	0.119103	0.520111	-1.92267	6.05904	14.3328	2.10269	1
cg05808356	SPAG17	0.0169952	0.025342	0.756086	-1.3226	0.172618	0.858416	-1.16494	0.552634	0.938771	-1.06522	0.154728	1.17374	1.17374	0.220784	0.873375	-1.14498	0.0786967	1.228	1.228	0.00266033	1.54818	1.54818	0.407356	0.914714	-1.09324	0.138592	0.845613	-1.18257	4.96995	0.870755	0.155737	1
cg06768655	SPAG1;SPAG1	0.004597	0.950798	0.978274	-1.02221	0.0997139	0.526137	-1.90065	0.475271	1.29489	1.29489	0.00218021	0.216459	-4.61981	0.857862	0.938181	-1.06589	0.80038	1.09438	1.09438	0.000172899	0.103288	-9.68169	0.346995	1.41156	1.41156	0.326166	0.697085	-1.43454	7.52882	15.108	1.78373	1
cg00191853	SPAG1;SPAG1	0.00674088	0.199104	0.802969	-1.24538	0.00331298	0.523675	-1.90958	0.119153	0.7607	-1.31458	0.306578	0.842661	-1.18672	0.505941	1.11533	1.11533	0.04071	1.46538	1.46538	0.0019186	2.03489	2.03489	0.202575	1.24305	1.24305	0.182997	0.795713	-1.25673	6.69328	2.77267	0.368219	1
cg06636551	SPAG1;SPAG1	0.0113368	0.0281326	0.443574	-2.25441	0.00126085	0.2286	-4.37446	0.0628533	1.92732	1.92732	0.15393	1.61372	1.61372	0.810901	0.927609	-1.07804	0.674773	1.14145	1.14145	0.0985572	0.566709	-1.76458	0.0281991	0.44378	-2.25337	0.561642	1.20199	1.20199	5.67703	8.83674	1.38363	1
cg20857228	SPAG1;SPAG1	0.0114242	0.700195	1.1398	1.1398	0.221899	1.54371	1.54371	0.6668	0.863733	-1.15776	0.0207155	0.389871	-2.56495	0.466225	0.778201	-1.28502	0.740578	0.893713	-1.11893	0.000259191	0.130993	-7.63399	0.56246	0.82033	-1.21902	0.556289	1.22294	1.22294	5.66295	10.2585	1.61023	1
cg11997853	SPAG1;SPAG1	0.0249838	0.061117	0.356551	-2.80465	0.0276148	0.280048	-3.57082	0.0128185	0.220787	-4.52924	0.359164	0.630816	-1.58525	0.00285496	0.13451	-7.43439	0.117682	0.435904	-2.29408	0.0734074	0.376999	-2.65252	0.463532	0.694461	-1.43997	0.00971555	0.202204	-4.94551	4.35821	16.4835	3.36192	1
cg21536042	SPAG1;SPAG1	0.0372601	0.105505	0.683243	-1.46361	0.0348557	0.588787	-1.69841	0.103357	0.681331	-1.46771	0.570219	0.883752	-1.13154	0.00128278	0.363826	-2.74857	0.418311	0.836831	-1.19498	0.0320117	0.5821	-1.71792	0.351591	0.813442	-1.22934	0.143647	0.712891	-1.40274	3.78019	2.77742	0.653092	1
cg16192717	SPAG1;SPAG1	0.037356	0.626722	0.908771	-1.10039	0.142077	0.734863	-1.3608	0.218404	0.776715	-1.28747	0.774975	1.05754	1.05754	0.97022	0.99274	-1.00731	0.248006	1.26582	1.26582	0.00133352	0.402329	-2.48553	0.257658	1.25931	1.25931	0.393137	1.18618	1.18618	3.77665	2.2787	0.536324	1
cg06586775	SPAG4	0.000534473	0.0123616	0.669294	-1.49411	0.000165223	2.28805	2.28805	0.0215815	0.700655	-1.42724	0.143922	1.22435	1.22435	0.093111	0.788076	-1.26891	0.000959243	1.88539	1.88539	0.0635336	0.764173	-1.3086	0.00974187	0.656074	-1.52422	0.096817	0.790577	-1.2649	14.0284	3.69284	0.233992	1
cg21680449	SPAG4	0.000718362	0.810118	0.947213	-1.05573	0.000157957	4.28833	4.28833	0.0931716	1.51604	1.51604	0.00243793	2.58668	2.58668	0.0640335	0.625679	-1.59826	0.00161409	2.76918	2.76918	0.00783947	0.463585	-2.1571	0.807793	1.05645	1.05645	0.0761375	0.641078	-1.55987	12.9168	10.3838	0.714573	1
cg26038318	SPAG4	0.000933577	0.840483	1.0453	1.0453	0.00107911	2.89003	2.89003	0.00301238	0.408947	-2.4453	0.0361384	1.70872	1.70872	0.00019554	0.252262	-3.96412	0.83764	1.04614	1.04614	0.0293018	0.568655	-1.75854	0.165518	0.722393	-1.38429	0.528333	0.868964	-1.1508	11.9978	9.18496	0.68049	1
cg22057234	SPAG4	0.00304859	0.8034	1.06228	1.06228	0.00112644	3.19366	3.19366	0.852391	1.04615	1.04615	0.0295092	1.86046	1.86046	0.998184	0.999449	-1.00055	0.00177771	2.9378	2.9378	0.000361955	3.99482	3.99482	0.571663	0.870713	-1.14848	0.189529	1.4002	1.4002	8.5174	7.91427	0.825945	1
cg27632911	SPAG4	0.00419569	0.405905	0.781481	-1.27962	0.00859895	2.64258	2.64258	0.855454	0.948497	-1.0543	0.00151702	3.76005	3.76005	0.0228415	0.453947	-2.2029	0.915673	0.969754	-1.03119	0.00627754	0.35613	-2.80796	0.102889	0.596057	-1.67769	0.0980366	0.59081	-1.69259	7.7401	10.3077	1.18376	1
cg14353508	SPAG4	0.00672945	0.911162	0.962148	-1.03934	0.387845	1.35798	1.35798	0.244688	0.656556	-1.5231	0.115873	0.553856	-1.80552	0.000606673	0.160862	-6.21649	0.189522	0.618491	-1.61684	0.679771	1.15431	1.15431	0.00353561	3.92388	3.92388	0.182026	0.612795	-1.63187	6.69681	12.6775	1.68273	1
cg23713742	SPAG4	0.00846754	0.847239	1.04777	1.04777	0.0659819	1.64712	1.64712	0.637656	0.89157	-1.12162	0.469996	1.19461	1.19461	0.0211547	0.511397	-1.95543	0.5872	0.875801	-1.14181	0.00262054	0.364956	-2.74006	0.00658859	2.34795	2.34795	0.0440372	0.571321	-1.75033	6.23155	5.77655	0.823986	1
cg13514778	SPAG4	0.00989082	0.047883	0.621801	-1.60823	0.000883652	2.84841	2.84841	0.0567097	1.57313	1.57313	0.69545	0.920681	-1.08615	0.0242865	0.568919	-1.75772	0.616875	0.899468	-1.11177	0.14491	0.719739	-1.38939	0.517929	0.871369	-1.14762	0.725128	0.928528	-1.07697	5.9314	4.14505	0.621183	1
cg03607946	SPAG4	0.0117731	0.375079	1.14581	1.14581	0.0127642	1.58814	1.58814	0.0281398	1.47352	1.47352	0.0139234	0.634952	-1.57492	0.568558	0.917446	-1.08998	0.0744286	0.742918	-1.34604	0.11477	0.773813	-1.2923	0.932416	0.987399	-1.01276	0.0134209	1.58049	1.58049	5.60809	1.98546	0.314697	1
cg14961385	SPAG4	0.0256535	0.0381654	0.851043	-1.17503	0.265155	0.925009	-1.08107	0.106535	1.12558	1.12558	0.248333	0.922187	-1.08438	0.00348317	0.766337	-1.30491	0.189919	0.911017	-1.09767	0.00946921	0.801957	-1.24695	0.267069	0.925321	-1.08071	0.100927	0.886394	-1.12817	4.31825	0.308166	0.0634345	1
cg04265332	SPAG4L	0.000607084	0.00737177	1.95892	1.95892	0.0281207	1.65691	1.65691	0.0305179	1.64051	1.64051	0.0654351	1.4958	1.4958	0.0659122	0.669128	-1.49448	0.00135226	2.47508	2.47508	3.75E-05	4.67305	4.67305	0.0010643	2.56517	2.56517	0.0220794	1.7066	1.7066	13.5395	8.1307	0.533793	1
cg08642068	SPAG4L	0.00318965	0.263959	0.844592	-1.184	0.000797084	0.479664	-2.08479	0.00539023	0.587788	-1.70129	0.00192935	0.529092	-1.89003	0.0441125	0.714993	-1.39861	0.0165856	0.65414	-1.52872	0.77694	1.04206	1.04206	0.121654	1.27557	1.27557	0.00725243	0.605046	-1.65277	8.40356	2.80027	0.2962	1
cg17172071	SPAG4L	0.00850987	0.568676	0.928717	-1.07675	0.338494	0.881043	-1.13502	0.114914	0.802477	-1.24614	0.135095	0.813204	-1.2297	0.664401	1.05763	1.05763	0.00155319	0.557652	-1.79323	0.00771418	1.55175	1.55175	0.118336	0.804403	-1.24316	0.00845111	0.649446	-1.53977	6.22173	1.62364	0.231967	1
cg00836097	SPAG4L	0.0348758	0.0307925	0.770088	-1.29855	0.178826	0.863207	-1.15847	0.0113916	0.721641	-1.38573	0.0265114	0.762702	-1.31113	0.112481	0.836972	-1.19478	0.965002	0.995491	-1.00453	0.0427058	1.27161	1.27161	0.762751	1.03167	1.03167	0.353145	0.906286	-1.1034	3.87211	0.650548	0.149341	1
cg02510802	SPAG4L;SPAG4L	0.00672492	0.845985	0.924272	-1.08193	0.0277208	0.348637	-2.86832	0.000766802	0.127009	-7.87344	0.0509606	0.406454	-2.4603	0.00364204	0.203352	-4.91758	0.0254436	0.34114	-2.93135	0.0168516	0.307035	-3.25696	0.038251	0.378159	-2.64439	0.00598688	0.233466	-4.28328	6.69822	17.3955	2.30848	1
cg17960080	SPAG5	0.000638944	0.000372206	0.0871034	-11.4806	0.00679054	4.49782	4.49782	0.526392	0.759456	-1.31673	0.0591429	0.401191	-2.49258	0.052224	0.388118	-2.57654	0.108468	0.472124	-2.11809	0.000157967	0.062669	-15.9569	0.000767867	0.112617	-8.87964	0.0550841	0.393666	-2.54022	13.3475	38.8392	2.58653	1
cg22465736	SPAG5	0.00258057	0.00164167	0.139786	-7.15381	0.00244606	6.2968	6.2968	0.99619	1.00209	1.00209	0.820971	0.90581	-1.10398	0.965077	1.01929	1.01929	0.884374	0.938464	-1.06557	0.000768076	0.108233	-9.23929	0.0197321	0.29259	-3.41776	0.300419	0.626044	-1.59733	8.94805	26.9952	2.68167	1
cg01626899	SPAG5	0.00693778	0.0013749	0.506117	-1.97583	0.427614	0.887961	-1.12618	0.00344809	0.55838	-1.79089	0.499353	1.10584	1.10584	0.00217761	0.532114	-1.8793	0.0470759	0.71648	-1.39571	0.0193644	0.660423	-1.51418	0.692165	0.943288	-1.06012	0.105862	0.771709	-1.29583	6.63355	2.26144	0.303031	1
cg18908342	SPAG5	0.00875233	0.00874533	0.78028	-1.28159	0.223132	0.909296	-1.09975	0.904081	1.009	1.009	0.0621587	1.1688	1.1688	0.0468856	1.18411	1.18411	0.0297113	1.20934	1.20934	0.00151397	1.40408	1.40408	0.514985	1.05027	1.05027	0.932025	1.00636	1.00636	6.16668	0.538892	0.077678	1
cg08062469	SPAG5	0.0104843	0.0573827	0.551355	-1.81371	0.745677	0.913802	-1.09433	0.0728814	0.574556	-1.74047	0.0152708	0.438208	-2.28202	0.013368	0.427975	-2.33658	0.23156	0.706411	-1.41561	0.000705589	0.239329	-4.17836	0.048191	0.535045	-1.869	0.0061355	0.371408	-2.69246	5.82172	7.07363	1.08004	1
cg27382861	SPAG5	0.014583	0.00237737	0.317931	-3.14533	0.926462	1.02528	1.02528	0.0227862	0.478495	-2.08989	0.00250047	0.321078	-3.11451	0.356284	0.773644	-1.29258	0.426313	1.24572	1.24572	0.653443	0.884932	-1.13003	0.757984	1.08719	1.08719	0.0458391	0.538404	-1.85734	5.22917	6.05925	1.02999	1
cg06803850	SPAG5	0.0179952	0.035794	0.504123	-1.98364	0.591826	0.859188	-1.16389	0.357319	0.766867	-1.30401	0.513108	0.830292	-1.20439	0.335203	0.756798	-1.32136	0.258523	1.39176	1.39176	0.000652863	0.23104	-4.32826	0.0414652	0.517215	-1.93343	0.037763	0.508853	-1.9652	4.87556	6.07108	1.10685	1
cg06774283	SPAG5	0.0394725	0.0724608	0.787242	-1.27026	0.0605334	1.28735	1.28735	0.0518551	1.30221	1.30221	0.285548	0.876006	-1.14154	0.707606	1.046	1.046	0.971684	1.00425	1.00425	0.014729	0.698878	-1.43087	0.297292	1.13765	1.13765	0.0956099	1.2442	1.2442	3.70117	0.835009	0.200539	1
cg06135449	SPAG5;ALDOC	0.0152612	0.010168	0.305809	-3.27002	0.215653	0.621047	-1.61019	0.181225	0.595209	-1.68008	0.0611758	0.462467	-2.16232	0.000663201	0.148768	-6.72187	0.107796	0.526522	-1.89926	0.358733	1.41194	1.41194	0.86326	0.938933	-1.06504	0.0697744	0.476516	-2.09857	5.15119	10.9007	1.88102	1
cg00449941	SPAG5;SPAG5	0.00374105	0.000455567	0.618333	-1.61725	0.0653193	1.19734	1.19734	0.852136	0.983888	-1.01638	0.072724	0.840063	-1.19039	0.0207986	1.27408	1.27408	0.379086	1.08172	1.08172	0.0763392	1.18725	1.18725	0.0543968	1.20926	1.20926	0.0336939	1.241	1.241	8.01222	0.961572	0.106678	1
cg12610471	SPAG6;SPAG6	0.000120533	0.00172869	3.26946	3.26946	0.473409	1.21319	1.21319	0.301924	0.75319	-1.32769	0.193409	1.44013	1.44013	0.0559732	0.563397	-1.77495	0.0873681	0.606421	-1.64902	0.00862394	0.411629	-2.42937	3.19E-06	18.646	18.646	0.292051	1.33606	1.33606	21.06	23.4272	0.988805	1
cg25802093	SPAG6;SPAG6	0.000176661	0.955365	0.992411	-1.00765	0.59439	0.929462	-1.07589	0.273576	1.16774	1.16774	0.135702	1.24464	1.24464	0.0804402	0.768039	-1.30202	0.145216	0.808238	-1.23726	0.00403146	0.591121	-1.6917	3.51E-06	4.40762	4.40762	0.231141	0.842861	-1.18643	18.999	5.57397	0.260785	1
cg18247055	SPAG6;SPAG6	0.000212066	0.000112698	26.4867	26.4867	0.971678	1.0173	1.0173	0.852622	1.09398	1.09398	0.00636891	5.55659	5.55659	0.24044	0.552333	-1.8105	0.302059	0.596671	-1.67597	0.130236	0.45413	-2.20201	1.25E-05	85.0355	85.0355	0.311252	0.602907	-1.65863	18.0815	66.8029	3.28404	1
cg11927951	SPAG6;SPAG6	0.000481271	0.252314	0.671749	-1.48865	0.0119108	0.351948	-2.84133	0.00105107	0.199311	-5.01727	0.0284102	0.422866	-2.36482	0.51191	0.801451	-1.24774	0.0223283	0.402133	-2.48674	7.93E-06	0.0385938	-25.9109	0.00739123	0.317159	-3.153	0.0461856	0.467639	-2.1384	14.4426	25.323	1.55854	1
cg12377139	SPAG6;SPAG6	0.00164377	0.117822	1.8529	1.8529	0.635405	0.840763	-1.1894	0.309199	0.68238	-1.46546	0.440752	1.33042	1.33042	0.333368	0.69604	-1.4367	0.243072	0.641726	-1.5583	0.130363	0.552514	-1.80991	2.60E-05	20.6003	20.6003	0.724073	1.13736	1.13736	10.2066	21.317	1.85649	1
cg17098147	SPAG6;SPAG6	0.00338986	0.243787	2.11276	2.11276	0.198548	2.30106	2.30106	0.848107	0.889042	-1.12481	0.856366	0.894823	-1.11754	0.0519885	0.257683	-3.88073	0.128517	0.365073	-2.73918	0.00140166	0.0585444	-17.081	0.000480515	28.7831	28.7831	0.479225	0.643273	-1.55455	8.25233	49.1685	5.29613	1
cg23016129	SPAG6;SPAG6	0.00404543	0.0308144	3.12752	3.12752	0.9215	1.04531	1.04531	0.551729	1.31091	1.31091	0.306666	1.60934	1.60934	0.158299	0.507577	-1.97015	0.921446	1.04535	1.04535	0.156408	0.505793	-1.97709	7.85E-05	24.8097	24.8097	0.956243	0.975632	-1.02498	7.8258	25.0549	2.84584	1
cg10648197	SPAG6;SPAG6	0.00527249	0.0010573	8.98524	8.98524	0.67784	1.20851	1.20851	0.0271821	3.27163	3.27163	0.00199781	7.22884	7.22884	0.719697	0.849273	-1.17748	0.618442	0.796412	-1.25563	0.00317595	6.21447	6.21447	0.0184574	3.65384	3.65384	0.595854	1.27465	1.27465	7.22049	23.5044	2.89355	1
cg13933080	SPAG6;SPAG6	0.00791565	0.0280376	4.16841	4.16841	0.0622523	3.17274	3.17274	0.96052	0.973137	-1.0276	0.710706	0.814691	-1.22746	0.150264	0.42814	-2.33569	0.211129	0.48445	-2.0642	0.0155922	0.195675	-5.11051	0.000950852	15.0226	15.0226	0.53134	0.705535	-1.41736	6.36533	30.5066	4.26011	1
cg00314741	SPAG6;SPAG6	0.0120512	0.251189	0.5432	-1.84094	0.00290277	0.124471	-8.03403	0.00260222	0.119621	-8.35973	0.406956	0.649325	-1.54006	0.191776	0.494886	-2.02067	0.167583	0.472948	-2.1144	0.00145576	0.0962532	-10.3893	0.31465	0.589017	-1.69775	0.725232	0.835579	-1.19677	5.5658	22.8415	3.64791	1
cg11864574	SPAG6;SPAG6	0.019888	0.00401911	6.79544	6.79544	0.236681	1.84916	1.84916	0.453111	0.684585	-1.46074	0.658669	1.2466	1.2466	0.302973	1.69729	1.69729	0.162364	0.477311	-2.09507	0.0101909	4.98456	4.98456	0.00884853	5.21852	5.21852	0.162891	2.09287	2.09287	4.71355	18.3517	3.4608	1
cg06908778	SPAG6;SPAG6	0.0316436	0.00537157	13.4698	13.4698	0.937374	0.945781	-1.05733	0.754388	1.24936	1.24936	0.61868	1.42753	1.42753	0.0947399	3.67924	3.67924	0.989689	1.00921	1.00921	0.00986758	10.1067	10.1067	0.00775037	11.3131	11.3131	0.115217	3.36993	3.36993	4.00991	31.9585	7.08433	1
cg24031355	SPAG6;SPAG6;SPAG6;SPAG6	0.0448078	0.694542	0.788998	-1.26743	0.980458	1.01482	1.01482	0.874661	0.909563	-1.09943	0.501352	0.663791	-1.5065	0.315153	0.535964	-1.8658	0.364161	0.571229	-1.75061	0.119734	0.362879	-2.75574	0.00139981	16.1033	16.1033	0.907906	0.93287	-1.07196	3.53118	20.1656	5.07621	1
cg09580393	SPAG7	0.000777109	0.000815001	0.431715	-2.31634	0.160638	1.28327	1.28327	0.0172826	1.62031	1.62031	0.221165	0.807319	-1.23867	0.135944	0.765356	-1.30658	0.734923	0.945011	-1.05819	4.22E-05	0.273435	-3.65718	0.758287	0.949927	-1.05271	0.0289331	0.65141	-1.53513	12.6348	5.54253	0.389929	1
cg22626663	SPAG7	0.00392656	0.0122568	0.525078	-1.90448	?	?	?	0.0571615	0.641259	-1.55943	0.0776093	0.66698	-1.4993	0.00611949	0.477734	-2.09322	0.0201818	0.560755	-1.78331	0.00181744	2.49744	2.49744	0.806198	1.05206	1.05206	0.640951	1.10184	1.10184	8.06906	4.84288	0.600179	1
cg00021128	SPAG7	0.017837	0.16192	1.17236	1.17236	0.0852104	0.816588	-1.22461	0.47173	0.925016	-1.08106	0.0190592	0.739222	-1.35277	0.0786543	1.23116	1.23116	0.954798	0.993983	-1.00605	0.47656	1.08012	1.08012	0.00217332	1.58093	1.58093	0.617312	0.947776	-1.0551	4.89006	0.878012	0.1596	1
cg07028284	SPAG7	0.034032	0.041854	0.780365	-1.28145	0.27158	0.886024	-1.12864	0.953507	1.00618	1.00618	0.0439296	0.78285	-1.27738	0.474335	1.07997	1.07997	0.0633323	0.801886	-1.24706	0.0267843	1.3197	1.3197	0.621857	0.948793	-1.05397	0.0366959	1.29258	1.29258	3.90652	0.691661	0.157381	1
cg00508697	SPAG8;SPAG8	0.0212678	0.0279802	0.60766	-1.64566	0.000688149	0.369958	-2.70301	0.234254	0.787231	-1.27027	0.231235	0.785893	-1.27244	0.203884	1.29341	1.29341	0.812519	0.955437	-1.04664	0.478233	1.14835	1.14835	0.92174	1.01903	1.01903	0.478723	0.870951	-1.14817	4.60704	2.68592	0.518226	1
cg26943001	SPAG8;SPAG8;SPAG8;SPAG8	0.0342834	0.596485	0.95027	-1.05233	0.101306	1.18681	1.18681	0.0216258	1.3012	1.3012	0.970899	0.996524	-1.00349	0.00810462	1.38215	1.38215	0.0962147	0.83998	-1.1905	0.133028	0.856656	-1.16733	0.136843	1.16531	1.16531	0.807712	0.976992	-1.02355	3.89615	0.562324	0.128291	1
cg15944762	SPAG9;SPAG9	0.000298952	0.000121205	0.410526	-2.4359	0.937001	0.989572	-1.01054	0.000488084	2.06407	2.06407	0.00265773	0.576274	-1.73528	0.0105227	0.652551	-1.53245	0.00256221	0.574272	-1.74134	0.00842859	0.640087	-1.56229	0.744893	1.04425	1.04425	0.0621274	1.32115	1.32115	16.4659	4.58603	0.247571	1
cg07853992	SPAG9;SPAG9	0.020902	0.376433	1.33701	1.33701	0.074791	1.88708	1.88708	0.0455789	0.480188	-2.08252	0.00583407	0.315026	-3.17434	0.0514428	0.491874	-2.03304	0.00899855	0.345501	-2.89434	0.652502	1.15609	1.15609	0.85716	0.943979	-1.05935	0.812202	0.926668	-1.07913	4.63442	7.51531	1.44145	1
cg17790273	SPAG9;SPAG9	0.0403785	0.58476	0.769081	-1.30025	0.0491614	0.343536	-2.9109	0.0356144	0.312307	-3.20197	0.226906	0.546818	-1.82876	0.0853565	0.404562	-2.47181	0.353161	0.634723	-1.57549	0.01064	0.216932	-4.60974	0.0891213	2.44017	2.44017	0.0316489	0.301569	-3.316	3.67037	13.1605	3.1872	1
cg05207834	SPAG9;SPAG9	0.0442478	0.680323	0.649441	-1.53979	0.00594349	42.4321	42.4321	0.818425	1.27071	1.27071	0.152305	4.94078	4.94078	0.598691	0.575047	-1.73899	0.137433	5.29497	5.29497	0.0773022	7.73806	7.73806	0.0128677	24.9762	24.9762	0.351568	0.368309	-2.71511	3.54782	60.992	15.2812	1
cg19292712	SPAM1;SPAM1	0.00122871	0.399654	0.887355	-1.12695	0.958649	0.992839	-1.00721	0.000436911	0.462852	-2.16052	0.558987	1.08536	1.08536	0.000180877	0.415509	-2.40669	0.0986058	1.28537	1.28537	0.01084	1.55815	1.55815	0.730041	1.04919	1.04919	0.129634	0.79696	-1.25477	11.0966	3.37654	0.270476	1
cg25969318	SPAM1;SPAM1	0.00704443	0.986933	0.996409	-1.0036	0.000282006	0.271459	-3.6838	0.00902883	0.482309	-2.07336	0.372913	0.817946	-1.22258	0.834724	1.04697	1.04697	0.157894	1.39335	1.39335	0.0146166	0.51656	-1.93588	0.544001	0.873783	-1.14445	0.544209	0.873845	-1.14437	6.60208	5.0466	0.679463	1
cg04471202	SPAM1;SPAM1	0.00738843	0.800304	0.930462	-1.07474	0.0145587	0.424981	-2.35305	0.00279468	0.309855	-3.22731	0.00163552	0.277273	-3.60655	0.0146797	0.425621	-2.34951	0.630236	0.871163	-1.14789	0.801396	0.930838	-1.0743	0.704161	0.897199	-1.11458	0.00344817	0.323233	-3.09374	6.50446	8.32956	1.1383	1
cg20385355	SPAM1;SPAM1	0.0223191	0.351892	0.685701	-1.45836	0.008581	0.267031	-3.74488	0.0188755	0.326251	-3.06513	0.45324	0.740136	-1.3511	0.348572	0.683809	-1.4624	0.00392715	0.216861	-4.61124	0.00946304	0.273878	-3.65127	0.453018	1.35131	1.35131	0.328753	0.672336	-1.48735	4.53148	11.1324	2.18372	1
cg22724153	SPAM1;SPAM1	0.0265773	0.0154525	0.235348	-4.24903	0.161893	0.483251	-2.06932	0.0174172	0.244249	-4.09418	0.0972244	0.412216	-2.42591	0.0200368	0.255039	-3.92098	0.0123647	0.219504	-4.55573	0.00668328	0.180294	-5.5465	0.282355	0.580461	-1.72277	0.0393262	0.313212	-3.19272	4.26519	16.0146	3.33752	1
cg19930074	SPANXA2;SPANXA1	0.000846239	0.142377	0.658671	-1.51821	0.000673494	0.252385	-3.9622	0.0131275	0.442927	-2.25771	0.0591376	0.568838	-1.75797	0.000705199	0.254879	-3.92344	0.00014994	0.17837	-5.60634	0.039849	1.87588	1.87588	0.780526	1.07676	1.07676	0.032712	0.516029	-1.93788	12.3353	13.6949	0.986864	1
cg26513077	SPANXC	0.00433724	0.87106	0.957227	-1.04468	0.0144732	0.444474	-2.24985	0.00732367	0.394379	-2.53563	0.00684423	0.389617	-2.56662	0.000479763	0.228896	-4.3688	0.0091639	0.410417	-2.43655	0.954211	0.984666	-1.01557	0.218747	0.706025	-1.41638	0.00429566	0.357831	-2.79462	7.66281	8.78921	1.01955	1
cg14399784	SPANXD;SPANXE	0.0269708	0.89846	1.0376	1.0376	0.486742	0.815215	-1.22667	0.188561	0.668467	-1.49596	0.0027941	0.303825	-3.29137	0.00866312	0.380051	-2.63123	0.667622	1.13303	1.13303	0.0781485	1.76092	1.76092	0.85927	0.949984	-1.05265	0.225336	0.692012	-1.44506	4.24328	5.61734	1.17673	1
cg27553638	SPANXD;SPANXE;SPANXE	0.0419701	0.191701	0.562167	-1.77883	0.0242633	0.326556	-3.06226	0.0285009	0.34057	-2.93625	0.0323652	0.352022	-2.84073	0.00646629	0.228679	-4.37293	0.215109	0.58056	-1.72247	0.491529	0.747405	-1.33796	0.145025	0.520899	-1.91976	0.0153964	0.289638	-3.45259	3.61828	9.95125	2.44468	1
cg13498184	SPANXN1	0.00110434	0.000183166	0.134165	-7.45352	0.00318147	0.278196	-3.59459	0.0304457	0.445817	-2.24307	0.236003	0.674083	-1.4835	0.000941525	0.208705	-4.79145	0.0361377	0.461198	-2.16827	0.166383	1.59787	1.59787	0.428607	1.2926	1.2926	0.00143108	0.23118	-4.32564	11.4394	18.2753	1.42006	1
cg13812570	SPANXN1	0.0121789	0.00290024	0.139298	-7.17885	0.0121157	0.22184	-4.50775	0.114513	0.4376	-2.28519	0.115193	0.438393	-2.28106	0.00391372	0.154169	-6.48639	0.0262617	0.281066	-3.55788	0.0367604	0.310949	-3.21596	0.736717	0.850047	-1.17641	0.00683818	0.185133	-5.40152	5.54678	20.3646	3.26349	1
cg02055547	SPANXN1	0.0133178	0.0268093	0.43129	-2.31863	0.100708	0.561911	-1.77964	0.0892189	0.54834	-1.82369	0.233067	0.669733	-1.49313	0.00573845	0.313198	-3.19287	0.0221269	0.414944	-2.40996	0.000999393	0.208734	-4.79079	0.067495	0.518518	-1.92857	0.0172391	0.394461	-2.53511	5.38743	8.77031	1.44704	1
cg18933596	SPANXN2	0.0255093	0.073349	0.598164	-1.67178	0.232422	0.724485	-1.38029	0.0766186	0.60237	-1.66011	0.0141566	0.458809	-2.17955	0.00735658	0.41104	-2.43285	0.0312709	0.521869	-1.91619	0.607596	1.1426	1.1426	0.738719	1.08997	1.08997	0.00876999	0.423525	-2.36113	4.32674	4.539	0.932496	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error	SS(Test)	SS(Error)	
cg24256637	SPANXN2	0.0381307	0.440724	0.674767	-1.48199	0.163544	0.47522	-2.10429	0.163051	0.47475	-2.10637	0.00760311	0.17952	-5.57041	0.0175539	0.23551	-4.24611	0.744037	1.17813	1.17813	0.127827	0.43879	-2.27899	0.941877	1.03716	1.03716	0.00801021	0.165938	-6.02636	3.74842	14.8622	3.52438	1
cg12127356	SPANXN3	3.99E-05	8.83E-06	0.157663	-6.34264	0.00756334	0.517723	-1.93153	0.000587623	0.36147	-2.76648	0.000360115	0.325541	-3.07181	5.91E-05	0.240695	4.15464	0.640769	0.913896	-1.09422	0.0114631	1.83321	1.83321	0.26805	1.04813	1.04813	6.08E-05	0.242057	-4.13125	28.2651	16.4321	0.516764	1
cg27288639	SPANXN4	0.00144419	0.552481	0.735785	-1.35909	0.000836124	0.0768074	-13.0196	0.0409388	0.299845	-3.33506	0.00151748	0.0971262	-10.2959	0.000180979	0.0393755	-25.3965	0.00231943	0.113945	-8.77614	0.625618	1.28536	1.28536	0.312908	0.586895	-1.70388	0.0185059	0.232616	-4.29803	10.5945	43.7362	3.6695	1
cg08755139	SPANXN5	1.10E-05	0.104322	-9.58579	0.000335426	0.202907	-4.92836	0.0122463	0.471415	-2.12127	0.000175381	0.215156	-4.64779	0.00308575	0.376217	-2.65804		0.007224	0.545918	-1.8451	0.173586	1.41835	1.41835	0.112339	0.658827	-1.51785	0.727986	0.919168	-1.08794	19.7528	18.2294	0.820336	1
cg24115308	SPANXN5	0.000551384	0.000291753	0.176611	-5.66217	0.1365	0.6206313	-1.61274	0.0666313	0.355387	-2.81384	0.00809076	0.369469	-2.70659	0.0204823	0.440517	-2.27006	0.000641289	0.214726	-4.65709	0.563864	1.84	1.84	4.83E-05	0.105976	-9.43613	0.0129393	0.404235	-2.47381	13.9074	18.9861	1.21349	1
cg12523109	SPANXN5	0.00839406	0.020741	0.10745	-9.30458	0.0155092	0.177326	-5.63934	0.205321	0.459076	-2.17829	0.959607	0.970922	-1.02995	0.518801	0.683118	1.46388	0.183365	0.441187	-2.26661	0.000995951	0.0579187	-17.2656	0.00216784	0.0814857	-12.2721	0.0107289	0.154416	-6.47599	6.24851	33.939	4.77883	1
cg23174201	SPARC	0.0132345	0.0494052	0.527388	-1.89614	0.80256	1.0741	1.0741	0.968112	1.01147	1.01147	0.00366027	0.325862	-3.06878	0.000662102	0.225911	-4.42653	0.386215	0.776127	-1.28845	0.436638	0.797387	-1.2541	0.341669	0.756127	-1.32253	0.044728	0.518177	-1.92984	5.39851	6.96016	1.14602	1
cg22116670	SPARC	0.0483204	0.0173021	0.217872	-4.58985	0.0253203	0.2447203	-4.04526	0.0133381	0.199653	-5.0092	0.0767342	0.355335	-2.81426	0.109852	0.400081	-2.49949	0.434649	1.06655	1.06655	0.421586	0.935773	-1.06863	0.0704091	0.849274	-1.17748	0.74333	1.02691	1.02691	5.3153	0.549872	0.0919561	1
cg23117524	SPARC	0.00154976	0.663376	0.1606	-6.22536	0.00145376	1.8635	1.8635	0.191228	1.28626	1.28626	0.233308	0.4004806	-2.49626	0.184606	1.26008	1.26008	0.360725	1.1356	1.1356	0.494563	1.05486	1.05486	0.281526	1.16354	1.16354	0.0216369	1.45239	1.45239	3.99634	1.91109	0.257839	1
cg07183060	SPAST;SPAST	0.0439313	0.672111	0.957056	-1.04487	0.879265	0.98445	-1.0158	0.798456	0.973994	-1.02673	0.147723	0.852031	-1.17367	0.719512	0.963503	-1.03788	0.230348	0.878322	-1.13853	0.000831306	0.5952631	-1.67993	0.17846	0.862957	-1.15881	0.462174	1.08022	1.08022	3.55729	0.59888	0.149647	1
cg12339424	SPAST;SPAST	0.0461128	0.23453	0.53281	-1.87651	0.464424	0.97522	-1.06525	0.881241	0.481823	-2.07544	0.520636	0.751422	-1.33079	0.361035	0.691682	-1.44709	0.771824	1.16131	1.16131	0.008359671	0.0735621	1.35093	0.655195	1.25034	1.25034	0.096379	1.00234	1.00234	4.93317	1.64347	0.737281	1
cg21752144	SPAST;SPAST	0.0479248	0.0209574	0.11021	-9.07359	0.855773	1.11171	1.11171	0.239599	1.87287	1.87287	0.537467	0.728748	-1.37459	0.253207	0.544406	-1.83686	0.869509	0.919636	-1.08739	0.389443	1.50493	1.50493	0.124104	2.33617	2.33617	0.344301	1.41578	1.41578	3.65516	1	
cg04677853	SPAST;SPAST	5.59E-05	8.87E-06	0.158552	-6.30615	0.00722405	0.6523229	1.53264	0.206532	0.606312	1.65063	0.633763	1.12151	1.12151	0.553271	0.867608	-1.15293	0.546698	1.39394	1.39394	0.046	2.8388	2.8388	0.000143	5.92042	5.92042	1.36667	1.33087	1.33087	0.866401	1.50043	0.211601	0.789382	1
cg01806566	SPATA13;MIR2276;SPATA13	5.75E-05	0.000268838	0.456827	-2.18881	0.040553	0.733489	-1.36335	0.000673145	0.505848	-1.97688	0.00361219	0.59677	-1.67569	0.00432083	0.606578	1.64859	5.42E-05	0.373064	2.6805	1.72E-06	0.208191	-4.80329	0.0753087	0.77143	-1.29629	0.00995507	0.652965	-1.53148	25.6593	9.97908	0.24177	1
cg20861695	SPATA13;MIR2276;SPATA13	0.000478877	0.0036267	0.463087	-2.15942	7.57E-05	0.407132	-4.07132	0.761774	0.942271	-1.06127	0.0289232	0.604283	-1.65485	0.193967	1.31692	1.30862	0.001546	0.410467	-2.43625	0.0205266	0.48256	-2.05664	0.34508	1.20947	1.20947	0.211375	0.772978	-1.2937	14.4626	8.76076	0.538448	1
cg05660881	SPATA13;SPATA13	0.00222241	0.496486	0.7125	-1.40329	0.280706	0.870515	-1.14899	0.476653	0.839358	1.19158	0.0744902	0.182629	1.27274	0.0749671	0.540905	1.84877	0.0013169	0.184872	5.4125	0.000126	2.37359	2.37359	0.015746	1.65027	1.65027	0.509503	0.899272	-1.11201	13.4091	7.17222	0.53444	1
cg17302665	SPATA13;SPATA13	0.00115453	0.000186336	0.448177	-2.23126	0.3940242	0.117466	1.11746	0.069223	0.772127	-1.29512	0.0473341	0.749265	-1.33464	0.005791116	0.631369	-1.58386	0.854681	1.0236	1.0236	0.000870354	1.88789	1.88789	0.07100338	0.773684	-1.29252	0.370828	0.889671	-1.12401	11.2955	2.89521	0.227835	1
cg27460824	SPATA13;SPATA13	0.00856632	0.0032722	0.24965	-4.0027	0.233194	0.427585	-1.38776	0.0336252	0.4139	-2.41593	-1.68451	0.0319992	1.97545	0.0445843	-2.25393	0.0705444	0.244161	-4.09568	0.0005	0.0004924	2.03548	-2.23793	0.0775744	0.790546	1.09594	0.401699	0.625283	1.09594	0.401699	0.625283	6.57299	0.906742	1
cg09088496	SPATA13;SPATA13	0.0229396	0.990978	0.00194	0.171818	1.28325	0.1828525	1.28325	0.0806255	0.410233	-2.43764	0.788951	1.04707	1.04707	0.228224	-1.8055	0.0005	0.243152	0.438844	0.88698	-1.1257	0.0823345	1.3909	0.783192	0.953808	-1.04843	0.0004806	0.971474	1.02936	4.48892	2.09002	0.413862	1
cg02777670	SPATA13;SPATA13	0.0251186	0.658123	0.903347	-1.10699	0.645518	1.11151	1.11151	0.779933	0.938067	-1.06602	0.0600155	0.61615	-1.62298	0.1209	0.681198	-1.468	0.143341	0.698406	-1.43183	0.00168587	2.78571	2.78571	0.809636	1.05663	1.05663	0.112392	0.674015	-1.48365	4.35007	3.58529	0.733432	1
cg02659854	SPATA13;SPATA13	0.0257934	0.0176544	0.1899	-5.26603	0.0155966	0.1153	-8.67353	0.0153153	0.0850633	-11.7563	0.0422637	-2.29028	0.0293563	0.0329275	-1.75122	0.050002	0.0191682	-5.21729	0.0001	0.0001462	6.84065	1.67167	0.104761	0.954562	1.0464	0.0488229	0.589459	1.69647	0.31216	0.422273	0.705545	1
cg05793323	SPATA13;SPATA13	0.0322167	0.00393541	0.48755	-2.05107	0.526897	0.126205	1.12605	0.292193	1.22429	1.22429	0.42381	1.14084	1.14084	0.0520769	0.66419	-1.50559	0.123961	0.733144	-1.36399	0.0807731	0.6986669	-1.43129	0.0223394	0.60252	-1.65969	0.792903	0.952446	-1.04993	3.98424	2.16361	0.482705	1
cg01072570	SPATA13;SPATA13	0.0294456	0.0094454	0.14452	-6.91962	0.0133057	0.6240645	1.49122	0.0911253	0.561837	-1.78021	0.0431349	0.646337	-1.54707	0.0311511	0.73734	-1.35672	0.0018283	0.213946	-4.67413	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg01930676	SPATA16	0.00905994	0.283217	1.26256	1.26256	0.000993501	0.359592	-2.78093	0.0181765	0.548986	-1.82154	0.450316	0.851426	-1.1745	0.0323522	0.592177	1.68868	0.004499936	0.453004	-2.20749	0.494082	0.864843	-1.15628	0.44427	1.17713	1.17713	0.6108118	1.11329	1.11329	0.099551	2.42386	0.615548	1
cg06728232	SPATA16	0.0146342	0.0273049	0.200655	-4.98367	0.0598141	0.270871	-3.6918	0.0536293	0.259806	-3.84902	0.0957824	0.3246	-3.08071	0.011486	0.140034	-6.99135	0.0189008	0.174028	-5.74619	0.00298259	0.0816267	-12.2509	0.761348	1.20603	1.20603	0.0064268	0.113038	-8.8466	5.22312	31.2885	5.32478	1
cg03991006	SPATA16	0.0148731	0.0838167	0.3125	-3.20042	0.0425	0.766275	-1.30501	0.297953	0.768725	-1.43118	0.187324	1.59096	1.59096	0.0044802	0.39391	-2.53224	0.383134	1.34586	1.34586	0.00629757	0.13215	-7.56709	0.237079	0.5092	1.5092	0.139263	0.748798	-1.33645	9.08308	4.08004	0.437683	1
cg17179924	SPATA16	0.0289391	0.462351	0.839515	-1.19116	0.0224155	1.89567	1.89567	0.193098	1.37992	1.37992	0.814158	0.946432	-1.0566	0.00413105	0.406898	-2.45762	0.0537334	0.166883	1.66883	0.624528	1.12225	1.12225	0.232938	0.746441	-1.33969	0.73599	0.923926	-1.08234	4.13031	3.58382	0.769601	1
cg06377725	SPATA16;SPATA16	0.0190636	0.0123552	0.17222	-5.80444	0.08692	-1.01325	0.90234	0.60758	1.02748	1.02748	0.912467	-1.09542	-1.64645	0.0319997	1.31862	1.30862	0.358568	1.38508	1.38508	0.0214	3.35864	3.35864	1.31946	1.02988009	0.9023637	1.03728	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg09160038	SPATA17	0.00273089	0.0955032	1.32916	1.23916	0.00374928	0.513764	-1.94642	0.0764042	-1.46964	0.45085	0.913971	-1.09413	0.532479	1.0748	1.0748	0.393099	0.107887	1.10786	1.10786	0.0025602	0.125165	1.62195	0.790002	0.96923	-1.03175	0.0522851	0.772241	1.29493	0.799676	1.91081	0.193016	1
cg10491122	SPATA17	0.0433689	0.0246489	0.215082	-4.25383	0.0373507	0.270521	-3.69657	0.448116	0.65816	-1.51939	0.282209	0.546258	-1.83064	0.00404062	0.123782	-8.07874	0.27532	0.541134	-1.84797	0.0866894	0.35921	-2.78389	0.313486	1.75782	1.75782	0.0900501	0.36388	-2.74816	5.57447	16.5746	4.12172	1
cg19923755	SPATA17;GPATCH2	0.0013432	0.0001	0.171127	-5.84195	0.0001	0.1355	-7.38076	0.0001	0.0001	-14.6845	-1.68451	0.0319992	1.97545	0.0001	-2.25393	0.0705444	0.244161	-4.09568	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg18263686	SPATA17;GPATCH2	0.0338836	0.161252	1.17667	1.17667	0.00352506	0.153755	1.53755	0.887715	1.01548	1.01548	0.309469	0.891933	-1.12116	0.161761	0.893543	1.11914	0.149299	0.84524	-1.1831	0.0624451	1.2561	1.2561	0.413837	0.913169	-1.09509	0.0837146	1.23137	1.23137	0.912672	0.736469	1	
cg19774814	SPATA17;GPATCH2	0.004173	0.127235	0.71667	-1.39531	0.280706	0.870515	-1.14899	0.476653	0.839358	1.19158	0.0744902	0.182629	1.27274	0.0749671	0.540905	1.84877	0.0013169	0.184872	5.4125	0.000126	2.37359	2.37359	0.015746	1.65027	1.65027	0.509503	0.899272	-1.11201	13.4091	7.17222	0.53444	1
cg10574494	SPATA18	6.69E-08	1.25E-08	0.0813516	-12.2923	3.62E-07	0.195392	-5.11393	0.233818	0.870195	-1.14917	0.00017018	0.49062	-2.03824	4.08E-08	0.115462	-8.66083	0.0040945	0.155859	-6.41792	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg26839512	SPATA18	6.06E-08	1.26E-08	0.0820281	-12.1966	3.65E-07	0.195392	-5.11393	0.233818	0.870195	-1.14917	0.00017018	0.49062	-2.03824	4.08E-08	0.115462	-8.66083	0.0040945	0.155859	-6.41792	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg17031543	SPATA18	0.146-06	0.376088	-13.5704	0.00092775	0.325192	0.129356	0.259713	1.28135	0.814067	0.506479	-1.07442	0.766-07	-1.52804	0.219753	0.809695	1.23505	0.000576644	0.252019	-3.97045	1.62E-05	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg08718490	SPATA18	0.0001046	0.473488	0.873356	-1.14501	0.7636359	1.44224	1.44224	0.150469	1.33144	1.33144	0.166575	0.760372	-1.31515	0.0463062	1.52804	1.52804	0.260584	0.80417	-1.24352	0.0240533	0.606626	-1.64846	0.88353	0.97314	-1.0276	1.39E-06	0.83653	9.83653	21.8757	11.9526	0.485677	1
cg08574227	SPATA18	0.0047434	0.0145967	0.19433	-5.14972	0.00722898	0.197428	-5.58012	0.0073572	0.162654	-3.18942	0.32443	0.73133	-1.36753	0.0175002	0.50002	-1.99955	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg24112602	SPATA18	0.0011895	0.051628	0.54156	-1.8464	0.0140587	0.31472	2.31472	0.394583	0.785535	-1.27302	0.08471	0.514884	-1.94219	0.000298899	0.196295	5.09438	0.001108	0.26835	-3.72647	0.000770349	0.2442227	-4.09455	0.346998	0.884298	-1.13066	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg22832065	SPATA18	0.0128027	0.476952	0.78424	-1.26469	0.1409	1.28955	1.28955	0.601603	1.18928	1.18928	0.508413	0.801898	-1.24704	0.156024	1.64777	1.64777	0.499334	0.778906	-1.28385	0.501616	0.816106	-1.22527	0.641286	0.84378	-1.18514	0.000346801	0.13439	8.13439	4.71897	0.91509	0.18755	1
cg22779039	SPATA18	0.0221408	0.20014	0.560666	-1.78359	0.51332	0.753197	-1.32767	0.0117391	0.260317	-3.84156	0.128712	0.495598	-2.01776	0.0536293	0.609238	-1.64128	0.192066	0.554115	-1.80468	0.00171625	0.1475827	-6.7759	0.200804	0.561198	-1.7819	0.0459458	0.176048	-2.65934	13.1551	2.57339	1	
cg24395452	SPATA18	0.0001647	0.147235	0.7284	-1.37283	0.0134205	0.8642	1.8642	0.0766	1.51462	1.51462	0.0144	2.1494	2.1494	0.0044139	1.0765	1.0765	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg18457737	SPATA19	5.14E-07	0.0299285	1.15407	1.15407	8.73E-08	0.372764	-2.68266	8.07E-07	0.476535	-2.09848	4.76E-06	0.555825	-1.79913	0.894116	0.992557	-1.0075	5.08E-07	0.455164	-2.19701	0.010888	0.835822	-1.19643	0.0163734	1.17894	1.17894	0.000134532	0.690017	-1.44924	86.886	4.33093	0.0443077	1
cg05477151	SPATA19	0.00204587	0.200043	1.1911	1.1911	0.0260285	0.710874	-1.40672	0.0184671	0.691108	-1.44605	0.280197	1.15606	1.15606	0.154936	0.823212	-1.21771	0.108706	1.25357	1.25357	0.00102281	3.36238	3.36238	0.149414	0.975776	-1.02483	0.653016	0.942872	-1.06059	8.82324	2.34777	0.23495	1
cg27037943	SPATA1;GNG5	0.00530375	0.2029	0.83737	-1.14447	0.948567	0.993545	-1.0065	0.000300207	0.80453	1.80453	0.120519	0.730302	-1.3693	0.00727035	0.816178	1.22522	0.049753	0.798776	-1.25192	0.973937	1.00328	0.947649	-1.00661	0.10661	0.952856	0.994083	-1.00595	7.20743	1.1503	0.141867	1
cg13469748	SPATA1;GNG5	0.00794806	0.0244049	0.530192	-1.88611	0.0357743	1.78245	1.78245	0.0650525	1.63246	1.63246	0.12831	0.677787	-1.47539	0.0837658	0.615877	-1.57263	0.00171899	0.34698	-2.88201	0.0421551	0.5747152	-1.73994	0.357377	1.25099	1.25099	0.1121199	0.664203	-1.50556	6.35716	5.63541	0.78797	1
cg20984142	SPATA1;GNG5	0.0045361	0.0154302	0.19495	-5.12966	0.0078988	0.1705	-5.84335	0.0156	0.0850633	-11.7563	0.0422637	-2.29028	0.0293563	0.0329275	-1.75122	0.050002	0.0191682	-5.21729	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg23054925	SPATA1;GNG5	0.0164396	0.0281676	0.493637	-2.02578	0.0101417	0.413458	-2.41862	0.0284297	0.326661	-3.06127	0.243119	0.717027	-1.39465	0.00752843	0.391953	2.55133	0.121126	0.632712	-1.5805	0.007053	0.1423861	-7.02455	0.172615	0.673472	-1.48484	0.109614	0.623861	-1.60808	5.02542	5.90331	1.04417	1
cg23259950	SPATA1;GNG5	0.0178447	0.0110	0.1284	-7.78019	0.0045687	0.2139	-4.67687	0.1239	0.4563	-2.19192	0.0064453	0.3116	-3.20943	0.0021062	0.308569	3.23747	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg02325880	SPATA1;GNG5	0.0255433	0.169081	-1.78234	-1.2782	0.00788491	0.564945	-1.77008	0.0579839	0.69835	-1.43195	0.90692	0.980595	-1.01979	0.196387	0.795443	1.25716	0.857848	0.97041	-1.03049	0.0065237	1.80793	1.80793	0.887482	0.976561	-1.024	0.121349	0.754737	-1.32496	4.32474	1.92247	0.395136	1
cg07706442	SPATA1;GNG5	0.026586	7	7	0.953541	0.01278	1.01278	0.28786	0.785438	-1.27318	0.182658	1.36503	1.36503	0.165269	0.581242	-1.72045	0.035407	0.578624	-1.72824	0.0026977	0.4449153	-2.24763	0.898823	1.02813	0.02813	0.0651947	1.58347	0.785894	3.11545	0.573246	1	
cg08523163	SPATA2	7.58E-05	1.51298	0.312198	0.301234	1.00683	0.00683	0.00683	0.837615	1.12125	1.12125	1.345	7	7	1.345	1.44	1.44339	0.002678	0.16591	7	7	1.36339	1.36339	0.93578	1.05278	1.05278	1	7	7	7.98811	31.531	3.28895	1	
cg02799712	SPATA2	0.029183	0.512859	0.865326	-1.15563	0.100405	0.148034	1.48034	0.322165	1.2497	1.2497	0.265728	0.776642	-1.28759	0.0032081	0.416142	-2.40303	0.247028	0.768114	-1.30189	0.698228	1.08863	1.08863	0.038634	1.68549	1.68549	0.203791	1.33955	1.33955	4.12703	3.10502	0.668766	1
cg18925864	SPATA2	3.98E-06	0.360764	0.707375	0.354042	0.182709	0.132114	1.16914	0.0228014	0.144151	1.44151	0.0403114	0.255	1.255	0.0091681	0.344151	1.44151	0.000129	0.0963526	-1.03785	0.0004958	0.53893	1.85493	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg15780578	SPATA20	1.15E-05	0.148055	0.818407	-1.22189	0.2546214	0.32949	1.32949	0.0685874	1.30118	1.30118	0.538-06	3.65555	3.65555	0.564571	1.08023	1.08023	0.160284	0.713078	-1.40233	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg24438145	SPATA20	3.65E-05	0.874569	0.981643	-1.01849	0.03838314	0.57	1.57	0.302699	0.88352	-1.13184	0.0774996	1.25561	1.25561	0.0780548	0.796837	-1.25496	0.001983	0.602544	-1.65963	0.969086	1.00451	1.00451	0.132731	1.20703	1.20703	0.51E-07	4.83569	4.83569	28.9234	6.16344	0.189418	1
cg05176131	SPATA20	9.73E-05	0.0175132	0.2866	-3.48905	0.0178704	0.364122	-1.17769	0.0342242	0.123881	2.38881	0.445207	0.784554	1.27454	0.0191947	0.411572	-2.42993	0.133208	0.859868	-1.16297	0.198265	0.926002	1.07955	0.392662	0.921626	-1.08504	1.43E-06	0.11963	8.11963	9.68676	0.222292	1	
cg09149896	SPATA20	0.00440003	0.336168	0.908735	-1.10043	0.395502	0.919453	-1.0876	0.779229	0.973251	-1.02748	0.352246	0.911759	-1.09678	0.156116	1.15768	1.15768	0.386521	0.917903	-1.08944	0.0435917	0.6924227	-1.44419	0.883696	0.985973	-1.01423	7.85E-05	0.57339	2.57339	15.1999	2.2419	0.131106	1
cg20709205	SPATA20	0.00040004	0.138665	1.13965	1.13965	0.0171799	0.488453	-1.66534	0.0056	0.0850633	-11.7563	0.0422637	-2.29028	0.0293563	0.0329275	-1.75122	0.050002	0.0191682	-5.21729	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	0.642771	-1.55576	0.0001	0.0001	4.75177	0.73117	0.732117	1.28257	1
cg17217096	SPATA20	0.00178464	0.0357022	0.528262	-1.893	0.0414583	0.541236	-1.84762	0.000932575	0.275287	-3.63257	0.0851585	0.608396	-1.64367	0.00441809	0.37085	2.69651	0.002549	0.335238	2.98295	0.000106953	0.167882	-5.95657	0.171089	0.68353	-1.46299	0.0191172	0.476926	-2.09676	9.96651	10.7592	0.959585	1
cg20067219	SPATA20	0.00216507	0.0011866	0.182673	-5.47427	0.00852675	0.166599	-6.00242	0.0134988	0.33509	-2.9848	0.11253	0.539116	-1.85489	0.000354	0.128516	-7.78115	0.163998	0.719162	-1.39051	0.0178745	0.353218	-2.79944	0.00413373	0.252793	-3.9558	0.444078	0.756517	-1.32185	9.42129	19.0829	1.80045	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16284524	SPATA7;SPATA7	0.00604302	0.238148	0.855747	-1.16857	0.168507	1.20322	1.20322	0.00342924	1.65075	1.65075	0.0346513	0.733068	-1.36413	0.391459	0.895209	-1.11706
cg06814005	SPATA7;SPATA7	0.0284104	0.207383	0.778907	-1.28385	0.00611932	1.95887	1.95887	0.0341905	1.59112	1.59112	0.128959	1.36116	1.36116	0.25698	0.800642	-1.249
cg14430007	SPATA7;SPATA7	0.0287288	0.993783	0.998752	-1.00125	0.193619	1.24653	1.24653	0.0288485	0.661734	-1.51118	0.0968673	0.746795	-1.33905	0.168257	0.790385	-1.26521
cg19635995	SPATA7;SPATA7	0.0359859	0.287945	1.21464	1.21464	0.0027931	2.0674	2.0674	0.213918	1.25941	1.25941	0.669799	1.07853	1.07853	0.769611	0.949554	-1.05313
cg00685193	SPATA7;SPATA7	0.0390009	0.362734	0.644406	-1.55182	0.00205323	0.13001	-7.6917	?	?	?	0.0199244	0.267172	-3.74291	0.215496	0.542056	-1.84483
cg23207835	SPATA7;SPATA7	0.0424264	0.818831	1.05956	1.05956	0.00271682	0.351986	-2.84102	0.0570784	0.581062	-1.72099	0.487296	0.836967	-1.19479	0.184505	0.701207	-1.42611
cg02423618	SPATA8	0.000156289	0.386346	1.14066	1.14066	0.896836	1.01941	1.01941	0.00408903	0.564949	-1.77007	0.438858	1.12414	1.12414	0.00966283	0.615507	-1.62468
cg03148498	SPATA8	0.000473433	0.101768	0.796881	-1.25489	0.0498816	1.32775	1.32775	0.148255	0.821541	-1.21722	0.514946	0.919712	-1.0873	7.25E-06	0.28515	-3.50692
cg23044087	SPATA8	0.00105975	8.13E-05	3.69982	3.69982	0.459745	0.87061	-1.14862	0.00146184	0.429159	-2.33014	?	?	?	0.218785	1.26883	1.26883
cg26432539	SPATA8	0.0070818	0.797601	1.07069	1.07069	0.137144	0.653419	-1.53041	0.051544	0.554886	-1.80217	0.00587879	0.383651	-2.60653	0.11312	0.632381	-1.58133
cg15826426	SPATA8	0.0223305	0.408655	1.42876	1.42876	0.963034	0.980622	-1.01976	0.659853	0.829447	-1.20562	0.309791	1.55854	1.55854	0.609342	1.24309	1.24309
cg01407341	SPATA8;SPATA8	0.0241433	0.0205167	0.657004	-1.52206	0.155214	0.795403	-1.25722	0.0168213	0.644676	-1.55117	0.0663217	0.73349	-1.36334	0.240576	1.2031	1.2031
cg04006891	SPATA9	0.00107664	0.182085	1.17758	1.17758	0.00145774	0.588253	-1.69995	0.00150161	0.58977	-1.69558	0.0115893	0.694704	-1.43946	0.0040945	1.55982	1.55982
cg12686644	SPATA9	0.0039111	0.0515455	1.53574	1.53574	0.000517046	0.350434	-2.85361	0.0416302	0.634644	-1.57569	0.267815	1.25038	1.25038	0.00154336	0.414091	-2.41493
cg03340244	SPATA9	0.0323172	0.214635	0.629864	-1.58765	0.397184	1.35902	1.35902	0.567589	0.815105	-1.22684	0.0173077	0.358511	-2.78931	0.26746	0.664466	-1.50497
cg25644649	SPATC1;SPATC1	0.00179618	0.00129035	0.38823	-2.5758	0.0456741	0.629861	-1.58765	0.0162782	0.552811	-1.80894	0.791042	0.947835	-1.05504	0.130483	0.719294	-1.39025
cg03722185	SPATC1;SPATC1	0.00185925	0.904764	0.982041	-1.01829	5.10E-05	0.317037	-3.15421	0.0576824	0.722561	-1.38397	0.0663776	1.36579	1.36579	0.503835	1.10816	1.10816
cg24710655	SPATC1;SPATC1	0.00397299	0.711339	1.0983	1.0983	0.00102062	0.292706	-3.4164	0.00113089	0.298632	-3.3486	0.00512056	0.393392	-2.542	0.516248	0.847017	-1.18061
cg20520888	SPATC1;SPATC1	0.00507188	0.0179836	0.474104	-2.10924	0.00125486	0.294315	-3.39772	0.000557333	0.249025	-4.01567	0.0598747	0.576252	-1.73535	0.138195	0.660723	-1.51349
cg04496906	SPATC1;SPATC1	0.00884965	0.638866	1.20393	1.20393	0.00476846	0.229639	-4.35465	0.27687	0.641425	-1.55903	0.340735	1.47034	1.47034	0.69314	1.1685	1.1685
cg03918288	SPATC1;SPATC1	0.0118898	0.284794	0.645749	-1.54859	0.0321351	2.68579	2.68579	0.410428	1.39284	1.39284	0.358531	1.45012	1.45012	0.476962	1.3293	1.3293
cg24486064	SPATC1;SPATC1	0.0138092	0.0162156	1.96839	1.96839	0.751355	1.07596	1.07596	0.0126611	0.489806	-2.04163	0.70667	1.09098	1.09098	0.892373	0.969303	-1.03167
cg12089698	SPATC1;SPATC1	0.0172329	0.0283649	0.440948	-2.26784	0.0411443	0.474488	-2.10754	0.00172736	0.243039	-4.11457	0.439301	0.779125	-1.28349	0.060892	0.512489	-1.95126
cg00423068	SPATC1;SPATC1	0.0329852	0.0837421	0.327382	-3.05453	0.278675	0.518314	-1.92933	0.494715	0.667281	-1.49862	0.195033	0.449471	-2.22484	0.0372096	0.243875	-4.10046
cg03288742	SPATC1;SPATC1	0.0342936	0.101921	0.658639	-1.51828	0.0200711	0.519821	-1.92374	0.0033601	0.39431	-2.53608	0.0612416	0.611448	-1.63546	0.5302	0.862161	-1.15988
cg00835857	SPATC1;SPATC1;SPATC1;SPATC1	0.0382859	0.297184	0.734544	-1.36139	0.0602003	0.546038	-1.83137	0.00199657	0.287779	-3.47489	0.037153	0.501252	-1.99501	0.454961	0.804741	-1.24264
cg09059156	SPATS1	0.0227271	0.00484009	0.205615	-4.86346	0.181208	0.548348	-1.82366	0.125766	0.495954	-2.01632	0.202917	0.566115	-1.76643	0.00179386	0.152524	-6.55633
cg06712013	SPATS2	0.00161708	0.502589	0.87972	-1.13672	0.000181171	0.303279	-3.2973	0.00390103	0.481027	-2.07888	0.0108501	0.547431	-1.82671	0.0293699	0.616742	-1.62142
cg25619549	SPATS2	0.00472712	0.308729	0.838312	-1.19287	0.525609	0.89792	-1.11369	0.973702	1.00553	1.00553	0.119747	0.753823	-1.32657	0.000100268	0.315103	-3.17356
cg00560284	SPATS2	0.00670418	0.130559	1.2368	1.2368	0.0053274	0.620088	-1.61267	0.428313	0.900092	-1.111	0.468438	1.10078	1.10078	0.549208	0.924146	-1.08208
cg25030549	SPATS2	0.0144894	0.25168	0.885967	-1.12871	0.385655	0.914004	-1.09409	0.280451	0.892767	-1.12011	0.0772815	0.819893	-1.21967	0.00159621	0.632591	-1.5808
cg19093689	SPATS2	0.0306565	0.0304011	5.93927	5.93927	0.0847376	3.79947	3.79947	0.152789	2.92168	2.92168	0.172187	2.76615	2.76615	0.00879032	10.3424	10.3424
cg21579107	SPATS2	0.0426158	0.116546	1.41835	1.41835	0.159966	1.36029	1.36029	0.972649	1.00705	1.00705	0.161263	0.735932	-1.35882	0.0924944	1.46148	1.46148
cg11140086	SPATS2	0.0494555	0.236074	1.45335	1.45335	0.410627	0.776189	-1.28835	0.101357	0.582655	-1.71628	0.217698	0.676727	-1.4777	0.209677	1.48902	1.48902
cg02540827	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.000506527	0.19009	0.732284	-1.36559	0.0419184	0.59072	-1.69285	0.000706287	0.313815	-3.18659	0.273148	1.29184	1.29184	1.93E-05	0.142587	-7.01328
cg20627046	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0123688	0.00205537	0.129589	-7.71673	0.0170717	0.254541	-3.92864	0.015024	0.244966	-4.08221	0.0250095	0.285118	-3.50732	0.00918307	0.210844	-4.74285
cg03035167	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.018519	0.92932	1.03671	1.03671	0.0342982	2.72779	2.72779	0.0121937	3.55832	3.55832	0.00549998	4.40711	4.40711	0.445193	0.728858	-1.37201
cg21535761	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0217234	0.385697	1.18992	1.18992	0.00176742	0.418619	-2.38881	0.964214	1.00881	1.00881	0.916084	0.979602	-1.02082	0.225093	1.28291	1.28291
cg18189288	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0264788	0.371908	0.725223	-1.37889	0.0180674	0.365542	-2.73567	0.456834	0.766779	-1.30416	0.0628337	2.0824	2.0824	0.0172434	0.361764	-2.76424
cg07060383	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0277009	0.104083	0.773487	-1.29285	0.816312	1.0342	1.0342	0.0191647	0.663877	-1.5063	0.0943695	1.30445	1.30445	0.0127826	1.56366	1.56366
cg08153883	SPATS2L;SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.016465	0.363956	0.87386	-1.14435	0.346233	1.15049	1.15049	0.698973	1.05777	1.05777	0.544139	0.915094	-1.09278	0.0259125	0.68237	-1.46548
cg18609578	SPATS2L;SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0173347	0.879049	0.965552	-1.03568	0.701442	0.915141	-1.09273	0.874101	0.964154	-1.03718	0.103473	0.663685	-1.50674	0.217501	0.741805	-1.34806
cg24419828	SPATS2L;SPATS2L;SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.00534517	0.847713	0.893371	-1.11936	0.911593	1.0673	1.0673	?	?	?	0.130629	2.63447	2.63447	0.000425897	0.0291889	-34.2596
cg13932035	SPC24	0.000496306	0.0323866	0.767788	-1.30244	0.00441101	1.49317	1.49317	0.000141471	1.99893	1.99893	0.00718169	0.693447	-1.44207	0.179997	0.860536	-1.16207
cg14431619	SPC24	0.00163242	0.967741	0.996152	-1.00386	0.0244062	0.774387	-1.29134	0.00727189	0.718878	-1.39106	0.167389	1.15062	1.15062	0.000838944	1.61443	1.61443
cg24786232	SPC24	0.00387345	0.261955	0.85791	-1.16562	0.116983	0.800024	-1.24996	0.0100861	1.53014	1.53014	0.648839	0.941702	-1.06191	0.121211	0.802399	-1.24626
cg02272599	SPC24	0.00438712	0.000611939	0.110648	-9.03769	0.0150699	0.287668	-3.47623	0.0933556	0.463103	-2.15935	0.0153763	0.289216	-3.45762	0.00689939	0.232549	-4.30018
cg20618433	SPC24	0.0151504	0.0090823	0.201689	-4.95814	0.0179168	0.249221	-4.0125	0.0429114	0.324574	-3.08096	0.367709	0.639639	-1.56338	0.00499679	0.166271	-6.01428
cg05868191	SPC25	0.00170106	0.305794	0.671652	-1.48887	0.000274923	0.106849	-9.35897	0.0262457	0.371725	-2.69016	0.737583	0.881418	-1.13454	0.260736	0.643846	-1.55317
cg22278106	SPC25	0.00325187	0.0785874	0.842162	-1.18742	0.00233944	1.45286	1.45286	0.375169	0.923086	-1.08332	0.599861	0.954522	-1.04765	0.000641807	0.630855	-1.58515
cg14465028	SPC25	0.0292919	0.24759	0.680666	-1.46915	0.0474739	2.05749	2.05749	0.0140781	2.62342	2.62342	0.575894	1.19703	1.19703	0.296429	0.708569	-1.4113
cg27325190	SPCS2	0.0378878	0.957255	1.01849	1.01849	0.0524426	2.12538	2.12538	0.593467	0.83177	-1.20226	0.151096	1.69207	1.69207	0.291439	0.68782	-1.45387
cg18145911	SPCS2;XRRA1	0.0283493	0.0643418	0.772405	-1.29466	0.0281377	1.38012	1.38012	0.332697	0.883233	-1.1322	0.0153669	0.690991	-1.4472	0.94388	1.00879	1.00879
cg12550574	SPCS3	0.000128114	0.314752	0.791157	-1.26397	0.00500644	2.72023	2.72023	0.0442443	1.75127	1.75127	0.0112587	0.440149	-2.27196	?	?	?
cg19981751	SPCS3	0.00419278	0.00115158	0.496642	-2.01352	0.00120789	2.00274	2.00274	0.674377	1.06387	1.06387	0.236579	0.833852	-1.19925	0.285807	0.850087	-1.17635
cg23878603	SPCS3	0.0237216	0.167253	0.903748	-1.1065	0.0505678	0.857992	-1.16551	0.0638456	1.15396	1.15396	0.489072	1.0495	1.0495	0.0129545	1.23617	1.23617
cg25263167	SPCS3;SPCS3	0.0371402	0.646826	0.904993	-1.10498	0.864624	1.03762	1.03762	0.038005	0.594206	-1.68292	?	?	?	0.00363976	0.42687	-2.34264
cg05724257	SPDEF	0.000788301	0.00326679	0.405009	-2.46908	0.00119951	0.343107	-2.91454	0.00848722	0.468913	-2.13259	0.108561	1.48373	1.48373	0.00033422	0.271329	-3.68556
cg17240454	SPDEF	0.00200401	0.0329408	0.615731	-1.62409	0.0842103	1.44976	1.44976	0.0114269	0.540437	-1.85035	0.841505	1.03969	1.03969	0.000566428	0.354019	-2.82471
cg19110758	SPDEF	0.00414331	0.00635005	0.270183	-3.70119	0.00777317	0.283949	-3.52176	0.000842071	0.157305	-6.35708	0.00183071	0.195769	-5.10807	0.00475225	0.251311	-3.97913
cg10159596	SPDEF	0.0148216	0.665645	0.900417	-1.1106	0.0304294	0.541302	-1.8474	0.00204801	0.350527	-2.85285	0.362471	0.797853	-1.25336	0.00340802	0.382794	-2.61237
cg26578149	SPDEF	0.0273474	0.0770394	0.623926	-1.60275	0.0180849	0.502146	-1.99145	0.00139363	0.329162	-3.03802	0.823606	0.947843	-1.05503	0.0135665	0.480514	-2.0811
cg07705908	SPDEF;SPDEF	0.00017112	0.00670623	0.61828	-1.61739	6.87E-05	0.369619	-2.70549	1.05E-05	0.275733	-3.6267	0.00463664	0.597497	-1.67365	0.000230396	0.433335	-2.30768
cg14044057	SPDYA;SPDYA	0.0080464	0.151419	1.1547	1.1547	0.227309	1.12592	1.12592	0.291214	1.10792	1.10792	0.00603468	0.714865	-1.39887	0.18396	1.14099	1.14099
cg20541961	SPDYA;SPDYA	0.0226089	0.00361409	0.503505	-1.98608	0.00806918	1.80597	1.80597	0.2337	1.24296	1.24296	0.632928	0.919594	-1.08744	0.240165	0.807155	-1.23892
cg26163057	SPDYA;SPDYA;SPDYA	0.0146939	0.0183454	0.258964	-3.86154	0.150685	0.4833	-2.06911	0.0383786	0.322174	-3.10391	0.360551	0.641642	-1.5585	0.00247322	0.137181	-7.28965
cg15957004	SPDYC	0.000591624	0.0253643	1.44446	1.44446	4.31E-05	3.21314	3.21314	0.0201743	1.47492	1.47492	0.165362	1.22283	1.22283	0.00985186	0.633824	-1.57773
cg23079866	SPDYC	0.00301529	0.0757191	0.631625	-1.58322	0.839187	1.04755	1.04755	0.00285579	0.37205	-2.68781	0.25731	0.761873	-1.31255	0.0005346	0.265422	-3.76759
cg11493197	SPDYC	0.0183498	0.187898	1.15629	1.15629	0.0643529	1.24144	1.24144	0.00574663	0.686104	-1.4575	0.208804	1.14784	1.14784	0.0811772	0.817752	-1.22287
cg06314643	SPDYE1;POLR2J4	0.0143576	0.299993	0.742065	-1.34759	0.0487397	1.86858	1.86858	0.00397222	2.93207	2.93207	0.25537	0.719063	-1.3907	0.0206171	0.460981	-2.16929
cg00413870	SPDYE1;POLR2J4	0.016292	0.0772573	0.62291	-1.60537	0.999883	1.00004	1.00004	0.75582	1.07807	1.07807	0.00587936	0.419523	-2.38366	0.0331597	0.54875	-1.82232
cg24285721	SPDYE1;POLR2J4	0.0395682	0.0492849	1.26873	1.26873	0.761925	0.968286	-1.03275	0.155077	0.850958	-1.17515	0.0793353	0.813355	-1.22948	0.823927	1.02392	1.02392
cg23472714	SPDYE3	0.0135029	0.0113016	0.675698	-1.47995	0.0156913	0.693556	-1.44184	0.0511121	0.759964	-1.31585	0.0259336	0.721309	-1.38637	0.00154164	0.569572	-1.75571
cg04413879	SPDYE3	0.0480176	0.0385524	0.558508	-1.79048	0.51511	1.174	1.174	0.437605	0.824933	-1.21222	0.676835	0.903143	-1.10724	0.0152256	0.484588	-2.06361
cg26687305	SPDYE3;SPDYE3	2.02E-06	0.642199	1.03958	1.03958	0.875866	1.01305	1.01305	0.00386373	1.38113	1.38113	0.98545	1.00151	1.00151	8.40E-08	0.23076	-4.3335
cg03545536	SPDYE3;SPDYE3	0.0403006	0.495786	0.905925	-1.10384	0.549362	0.917098	-1.0904	0.926279	0.986866	-1.01331	0.706279	1.05557	1.05557	0.00115364	0.505502	-1.97823
cg11927584	SPDYE4	4.82E-05	0.837932	0.972053	-1.02875	0.138603	0.801996	-1.24689	0.000233474	0.429681	-2.32731	0.377637	0.882245	-1.13347	0.603173	0.929988	-1.07528
cg19963471	SPDYE4	0.0198975	0.0271905	0.618969	-1.61559	0.743212	0.941462	-1.06218	0.0189792	0.593799	-1.68407	0.14573	0.750805	-1.3319	0.000898075	0.401701	-2.48941
cg21376526	SPDYE4	0.0222328	0.184847	1.2329	1.2329	0.817168	1.03508	1.03508	0.000882833	0.476156	-2.10015	0.0581352	0.727008	-1.3755	0.0586019	0.727546	-1.37448
cg22664250	SPDYE4	0.0371318	0.0400155	0.346517	-2.88586	0.00528459	0.193614	-5.16491	0.865227	0.926951	-1.07881	0.437489	0.702104	-1.42429	0.0172043	0.273565	-3.65543
cg03727313	SPDYE4;SPDYE4	0.000473688	0.0301947	0.734352	-1.36175	0.00090422	0.547994	-1.82484	0.00050736	0.517829	-1.93114	1.47E-05	0.335944	-2.97669	0.905798	1.01445	1.01445
cg03638453	SPDYE5	0.00456487	0.047573	0.72863	-1.37244	0.57082	1.08333	1.08333	0.175085	0.81751	-1.22323	0.741926	1.04725	1.04725	0.000139357	0.398771	-2.50771
cg01273613	SPDYE5	0.013162	0.00869489	1.87917	1.87917	0.487683	0.875451	-1.14227	0.0045581	0.490304	-2.03955	0.230116	0.788574	-1.26811	0.567097	0.896607	-1.11532
cg17404186	SPDYE5	0.0473047	0.330538	0.866894	-1.15354	0.0281057	0.691449	-1.44624	0.304943	0.859733	-1.16315	0.539076	0.915332	-1.0925	0.226699	0.834793	-1.1979
cg17448072	SPDYE7P	0.0380707	0.441621	0.859815	-1.16304	0.0587113	0.66296	-1.50839	0.00563	0.496822	-2.01279	0.467221	0.867271	-1.15304	0.0474212	0.646248	-1.54739
cg08708079	SPEF1	0.00189425	0.00231545	0.283311	-3.5297	0.0113287	0.390719	-2.55938	0.128723	0.614721	-1.62675	0.21201	1.47642	1.47642	0.283548	0.718784	-1.39124
cg19555886	SPEF1	0.00262278	0.585174	1.19501	1.19501	0.00289463	3.75724	3.75724	0.00122422	4.61262	4.61262	0.151121	1.64417	1.64417	0.0184997	2.51766	2.51766
cg01740424	SPEF1	0.00337039	0.316012	0.713375	-1.40179	0.000810099	5.1858	5.1858	0.000613764	5.57764	5.57764	0.0191722	2.51768	2.51768	0.0154069	2.63433	2.63433
cg05320183	SPEF1	0.00376801	0.424119	0.779361	-1.2831	0.000508157	5.25149	5.25149	0.0158531	2.46535	2.46535	0.00271953	3.54024	3.54024	0.0603073	1.90974	1.90974
cg17185202	SPEF1	0.0137994	0.117325	0.630801	-1.58529	0.101717	0.615522	-1.62464	0.277383	0.736396	-1.35796	0.271048	1.36395	1.36395	0.000920112	0.261541	-3.8235
cg23865994	SPEF1	0.0161482	0.177444	0.484083	-2.06576	0.00191873	10.3064	10.3064	0.00498212	7.03552	7.03552	0.365555	1.59695	1.59695	0.117799	2.36942	2.36942
cg02347859	SPEF1	0.0293131	0.264417	0.779856	-1.28229	0.279879	0.78653	-1.27141	0.0143824	0.524697	-1.90586	0.0337963	0.588725	-1.69859	0.0975833	1.47486	1.47486
cg08151292	SPEF1	0.0344372	0.1974	0.555919	-1.79882	0.00339406	5.56327	5.56327	0.0191868	3.39052	3.39052	0.524838	1.32005	1.32005	0.186234	1.82912	1.82912
cg11951692	SPEF1;SPEF1	0.0025119	0.000425384	0.226634	-4.41239	0.0975729	1.62185	1.62185	0.0304209	1.96749	1.96749	0.731453	0.912432	-1.09597	0.00199513	0.313202	-3.19283
cg22006288	SPEF2	0.000799461	0.0188877	1.41673	1.41673	4.85E-05	0.392113	-2.55029	0.135139	0.820936	-1.21812	0.639864	0.943905	-1.05943	0.394194	0.898604	-1.11284
cg21498161	SPEF2	0.00611716	0.581546	1.16359	1.16359	0.0025942	0.321091	-3.11439	0.0372019	0.517701	-1.93162	0.473756	0.820111	-1.21935	0.00297739	0.329799	-3.03215
cg23336905	SPEF2	0.00632509	0.0045849	2.09773	2.09773	0.098483	0.700679	-1.42719	0.0188163	1.74836	1.74836	0.00259762	2.26853	2.26853	0.520715	0.880032	-1.13632
cg08534016	SPEF2	0.0140606	0.0708208	0.44486	-2.2479	0.0427888	0.392326	-2.5489	0.0101452	0.272203	-3.67373	0.537494	0.778388	-1.28471	0.000696757	0.125478	-7.96949
cg26409748	SPEF2;SPEF2	0.000105596	0.00014661	0.305834	-3.26975	0.00902578	0.547716	-1.82577	0.00116037	0.420928	-2.37571	0.362471	0.84387	-1.18502	0.000321536	0.347979	-2.87374
cg24892139	SPEF2;SPEF2	0.00788876	0.00686075	0.316228	-3.16228	0.0018162	4.29687	4.29687	0.703889	1.1338	1.1338	0.47589	1.26922	1.26922	0.017943	0.38837	-2.57486
cg16578742	SPEF2;SPEF2	0.0115217	0.0401581	3.85509	3.85509	0.841365	0.892221	-1.1208	0.0804635	0.33175	-3.01432	0.0268614	0.224911	-4.4462	0.00981756	0.15605	-6.40821
cg05707506	SPEG	1.03E-05	0.00438103	1.35573	1.35573	0.00011143	1.72197	1.72197	0.000256153	0.617844	-1.61853	0.000439448	1.5591	1.5591	4.64E-06	0.431684	-2.31651
cg20398132	SPEG	9.89E-05	4.44E-05	0.41565	-2.40587	5.76E-05	0.428891	-2.3316	0.000888836	1.75928	1.75928	0.33987	1.11808	1.11808	0.00282399	0.627077	-1.5947
cg11666555	SPEG	0.000157052	0.00220307	1.92584	1.92584	0.380973	0.871776	-1.14708	0.33214	1.16507	1.16507	0.0109088	1.629	1.629	0.00015312	2.69461	2.69461
cg19497021	SPEG	0.000495603	0.198982	0.791549	-1.26335	0.294954	0.829384	-1.20571	0.103206	0.735659	-1.35933	0.149336	1.30512	1.30512	5.31E-05	0.272676	-3.66736
cg19715873	SPEG	0.000517432	0.703596	1.02869	1.02869	0.0553478	0.851548	-1.17433	0.0385943	0.837556	-1.19395	0.313573	1.08017	1.08017	0.000494448	1.49709	1.49709
cg02487130	SPEG	0.00063031	0.596638	1.14262	1.14262	0.130451	1.50337	1.50337	0.503913	1.18448	1.18448	0.505058	1.18393	1.18393	0.12463	1.51439	1.51439
cg02767202	SPEG	0.000965758	0.831432	0.947303	-1.05563	0.008092	2.36615	2.36615	0.0383455	1.83949	1.83949	0.190014	1.42263	1.42263	0.260779	0.742399	-1.34698
cg27252970	SPEG	0.00103164	0.0651611	2.10611	2.10611	0.181551	1.66562	1.66562	0.81401	0.918715	-1.08848	0.207892	1.61236	1.61236	?	?	?
cg06344576	SPEG	0.00630523	0.899513	1.02643	1.02643	0.0444822	1.61053	1.61053	0.445488	1.17423	1.17423	0.0178881	1.81186	1.81186	0.00551799	0.470824	-2.12393
cg15415787	SPEG	0.0119842	0.0363341	0.435311	-2.29721	0.558964	1.22382	1.22382	0.125432	1.76266	1.76266	0.0248375	2.4915	2.4915	0.0215331	0.389237	-2.56913
cg18131810	SPEG	0.0140813	0.0561484	2.57115	2.57115	0.0119329	3.93422	3.93422	0.0518931	2.62669	2.62669	0.670904	1.20515	1.20515	0.0689489	2.43168	2.43168
cg15971761	SPEG	0.0152414	0.0163492	0.341476	-2.92846	0.0367873	0.411496	-2.43016	0.717565	0.87549	-1.14222	0.462574	0.760532	-1.31487	0.0163362	0.341413	-2.929
cg03030650	SPEG	0.0158478	0.183197	1.85664	1.85664	0.0330786	2.97961	2.97961	0.00600003	4.82276	4.82276	0.0761734	2.37385	2.37385	0.0432918	0.361147	-2.76895
cg04323979	SPEG	0.0174686	0.117857	1.12953	1.12953	0.8211	0.983886	-1.01638	0.809348	1.01749	1.01749	0.223451	1.09609	1.09609	0.223905	0.912428	-1.09598
cg03693568	SPEG	0.0199091	0.0515948	0.710964	-1.40654	0.0893356	0.749433	-1.33434	0.012907	1.60843	1.60843	0.347907	0.861737	-1.16045	0.893656	1.02081	1.02081
cg26539941	SPEG	0.0202183	0.00440092	0.14402	-6.94349	0.0185382	4.18574	4.18574	0.162631	2.07933	2.07933	0.0974632	0.407784	-2.45228	0.0524162	0.334776	-2.98707
cg11841522	SPEG	0.0218138	0.148434	1.78299	1.78299	0.924	1.03624	1.03624	0.57094	1.23819	1.23819	0.658315	1.18063	1.18063	0.085327	2.03327	2.03327
cg08885556	SPEG	0.0231087	0.980644	0.993292	-1.00675	0.0057471	0.366279	-2.73016	0.149622	0.651407	-1.53514	0.728706	1.10143	1.10143	0.0453916	0.529	-1.89036
cg03394909	SPEG	0.0262156	0.115998	0.699834	-1.42891	0.241043	0.773819	-1.29229	0.00157724	0.387455	-2.58094	0.0362007	0.601167	-1.66343	0.0129056	0.524714	-1.9058
cg23712156	SPEG	0.0263839	0.669937	1.07319	1.07319	0.234141	1.2281	1.2281	0.00637998	0.557239	-1.79456	0.00708399	0.563705	-1.77398	0.0730972	0.719435	-1.38998
cg23065715	SPEG	0.028684	0.344581	1.70911	1.70911	0.0442148	3.56992	3.56992	0.140068	2.39654	2.39654	0.136669	2.41751	2.41751	0.700634	0.808412	-1.23699
cg18984724	SPEG	0.0298744	0.298014	1.83251	1.83251	0.0288547	4.24994	4.24994	0.222452	2.05413	2.05413	0.227843	2.03543	2.03543	0.434851	0.63932	-1.56416
cg15634877	SPEG	0.0339879	0.0904809	4.39337	4.39337	0.0663008	5.12595	5.12595	0.177386	3.11895	3.11895	0.0559987	5.57137	5.57137	0.820625	0.835099	-1.19746
cg25925023	SPEG	0.0480923	0.351885	2.18222	2.18222	0.0172703	10.6165	10.6165	0.170202	3.28653	3.28653	0.166463	3.32577	3.32577	0.186454	0.319563	-3.12927
cg26236278	SPEM1	0.00649001	0.0413359	0.51055	-1.95867	0.0395434	1.97415	1.97415	0.0699508	1.78402	1.78402	0.523082	1.20309	1.20309	0.00320658	0.316877	-3.1558
cg05754035	SPEM1	0.0109882	0.382695	1.26106	1.26106	0.378418	0.791241	-1.26384	0.048921	1.79073	1.79073	0.254615	1.36098	1.36098	0.0253077	0.502073	-1.99174
cg10006419	SPEM1	0.0157266	0.476601	1.26349	1.26349	0.033582	2.23041	2.23041	0.0468112	2.08646	2.08646	0.932137	1.0279	1.0279	0.0038377	0.283859	-3.52287
cg24085606	SPEN	7.89E-05	0.00514986	0.75555	-1.32354	0.248724	1.09579	1.09579	3.47E-06	0.436823	-2.28926	0.855467	1.01393	1.01393	9.62E-05	0.590666	-1.693
cg08653403	SPEN	0.000839392	0.015797	0.368327	-2.71498	0.185957	1.58825	1.58825	0.432429	1.30049	1.30049	0.184661	0.628645	-1.59072	0.806986	0.92307	-1.08334
cg10145941	SPEN	0.000998139	0.00172626	0.48644	-2.05575	0.699364	0.939368	-1.06455	0.0748353	0.726279	-1.37688	0.0314881	1.5017	1.5017	0.000317447	0.390645	-2.55987
cg14841628	SPEN	0.00170684	0.207192	0.750858	-1.33181	0.778877	1.06251	1.06251	0.284785	0.787143	-1.27042	0.0429801	1.65154	1.65154	0.000211376	0.263375	-3.79687
cg03646788	SPEN	0.0025582	0.89836	0.978764	-1.0217	0.175394	0.785028	-1.27384	0.564817	1.10269	1.10269	0.820631	0.962574	-1.03888	4.14E-05	0.269257	-3.71393
cg20806712	SPEN	0.0110912	0.542828	0.891811	-1.12131	0.0573919	0.670627	-1.49114	0.0028923	0.467029	-2.1412	0.0041068	0.488883	-2.04548	0.04944	1.51704	1.51704
cg08892464	SPEN	0.0138388	0.443137	1.24946	1.24946	0.0229045	2.21525	2.21525	0.0325325	2.07205	2.07205	?	?	?	0.273324	0.721999	-1.38504
cg07180355	SPEN	0.0208556	0.475092	1.23931	1.23931	0.0011832	4.07543	4.07543	0.0862655	1.75045	1.75045	0.622906	1.15768	1.15768	0.444598	0.794362	-1.25887
cg26058971	SPEN	0.0210447	0.0492234	0.739138	-1.35293	0.283305	0.860616	-1.16196	0.76011	0.959601	-1.0421	0.0179506	0.678927	-1.47291	0.0624941	0.754047	-1.32618
cg19643665	SPEN	0.0420678	0.0790927	0.339463	-2.94583	0.0330616	3.97905	3.97905	0.0460646	3.54936	3.54936	0.0740824	3.01332	3.01332	0.044589	0.278602	-3.58935
cg06526137	SPEN;FLJ37453	5.20E-06	0.162928	0.719739	-1.38939	0.288328	0.783961	-1.27557	0.557413	1.13998	1.13998	0.375202	0.817943	-1.22258	0.347317	0.807612	-1.23822

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16284524	0.304125	0.874432	-1.1436	0.331099	1.13477	1.13477	0.24305	1.16651	1.16651	0.000810779	1.89052	1.89052	6.92387	1.74305	0.223773	1
cg06814005	0.00915985	1.86263	1.86263	0.43894	1.15993	1.15993	0.263581	1.24486	1.24486	0.224058	1.2713	1.2713	4.16636	2.33057	0.497226	1
cg14430007	0.956135	0.991226	-1.00885	0.00161602	0.484737	-2.06297	0.723404	1.05858	1.05858	0.46782	1.12564	1.12564	4.14999	1.68696	0.361332	1
cg19635995	0.0805779	1.40716	1.40716	0.0783778	1.41146	1.41146	0.00629143	1.87251	1.87251	0.878115	1.02742	1.02742	3.82838	1.88352	0.437323	1
cg00685193	0.549033	1.32951	1.32951	0.465757	0.705614	-1.41721	0.599609	1.28253	1.28253	0.77564	0.874391	-1.14365	3.77634	11.731	3.10644	1
cg23207835	0.235358	0.730789	-1.36838	0.615235	0.88003	-1.13632	0.0855802	0.619274	-1.61479	0.0989168	1.57814	1.57814	3.60379	3.62969	0.895275	1
cg02423618	0.171428	1.24085	1.24085	2.38E-06	0.182598	-5.4765	0.363368	1.14849	1.14849	0.414612	0.883741	-1.13155	19.6382	6.83156	0.309218	1
cg03148498	0.0923084	1.26471	1.26471	0.697618	1.05074	1.05074	0.475957	1.09623	1.09623	0.0925414	0.790853	-1.26446	14.5084	3.69177	0.226184	1
cg23044087	0.338527	0.833924	-1.19915	0.337762	0.833669	-1.19952	0.413573	1.16634	1.16634	0.0850737	0.704336	-1.41978	11.848	5.65236	0.477073	1
cg26432539	0.043348	0.539253	-1.85442	0.000985989	0.272115	-3.67492	0.232919	1.39435	1.39435	0.00378277	0.354035	-2.82458	6.59119	7.37339	0.994377	1
cg15826426	0.188251	0.555078	-1.80155	0.000424901	0.0947568	-10.5533	0.921474	1.04251	1.04251	0.313421	0.643904	-1.55303	4.53068	12.7912	2.50955	1
cg01407341	0.268601	1.18935	1.18935	0.0250965	1.4933	1.4933	0.138866	0.786822	-1.27094	0.411372	0.881251	-1.13475	4.4103	1.58198	0.318845	1
cg04006891	0.310564	1.12873	1.12873	0.0121586	1.43432	1.43432	0.0309286	0.746448	-1.33968	0.0553129	0.778242	-1.28495	11.5224	2.43078	0.187521	1
cg12686644	0.264306	1.25262	1.25262	0.64759	0.91476	-1.09318	0.744905	1.06524	1.06524	0.900182	1.02459	1.02459	7.90583	4.69217	0.527562	1
cg03340244	0.0264633	2.53717	2.53717	0.00785093	0.299071	-3.34369	0.611078	1.19898	1.19898	0.628854	1.18808	1.18808	3.97979	7.89196	1.76267	1
cg25644649	0.302572	1.24043	1.24043	0.00311143	0.442242	-2.26121	0.000106033	0.25141	-3.97757	0.0956426	0.691228	-1.4467	9.94792	6.41278	0.573009	1
cg03722185	0.174708	1.24429	1.24429	0.408406	1.13658	1.13658	0.0185936	0.649193	-1.54037	0.739501	1.05182	1.05182	9.84877	3.57552	0.322705	1
cg24710655	0.0799329	0.612537	-1.63256	0.0070341	0.415217	-2.40838	0.647472	0.890349	-1.12315	0.00675657	0.41241	-2.42477	7.86854	7.93021	0.895855	1
cg20520888	0.00469535	0.376977	-2.65268	0.0226859	0.492516	-2.03039	0.0270447	0.506821	-1.97308	0.1126	0.638632	-1.56585	7.30667	7.80015	0.948923	1
cg04496906	0.0991776	0.491781	-2.03342	0.00114938	0.153172	-6.5286	0.0187349	0.326763	-3.06032	0.143607	1.85339	1.85339	6.14512	15.0044	2.17038	1
cg03918288	0.447042	0.73708	-1.3567	0.00169101	0.171026	-5.84705	0.00535722	0.236054	-4.23632	0.883069	1.05964	1.05964	5.5902	13.7184	2.18134	1
cg24486064	0.0751662	0.633594	-1.5783	0.553987	0.871211	-1.14783	0.00342361	0.400161	-2.499	0.0352392	0.568459	-1.75914	5.32383	4.47244	0.746737	1
cg12089698	0.113658	0.580049	-1.72399	0.0161807	0.394218	-2.53667	0.00847544	0.345284	-2.89617	0.0298068	0.445292	-2.24572	4.9469	7.84423	1.4095	1
cg00423068	0.0755548	0.31532	-3.17138	0.00220912	0.0818575	-12.2164	0.00909368	0.144609	-6.91522	0.0796984	0.321518	-3.11024	3.95069	21.2987	4.79211	1
cg03288742	0.248856	0.754927	-1.32463	0.980114	0.994203	-1.00583	0.0125682	0.484837	-2.06255	0.0704087	0.623959	-1.60267	3.89573	3.35658	0.765871	1
cg00835857	0.80753	1.07215	1.07215	0.0430373	0.514497	-1.94364	0.528191	0.833253	-1.20012	0.0455757	0.519751	-1.924	3.74285	4.82991	1.14705	1
cg09059156	0.925643	1.0403	1.0403	0.203395	0.566493	-1.76525	0.772124	0.884341	-1.13079	0.0185525	0.298663	-3.34826	4.50334	12.779	2.52237	1
cg06712013	0.603815	1.10363	1.10363	0.190405	1.29845	1.29845	0.839288	1.03899	1.03899	0.000934568	0.394449	-2.53518	10.2549	5.76154	0.499405	1
cg25619549	0.956552	0.990921	-1.00916	0.00266097	0.498743	-2.00504	0.532471	0.89956	-1.11165	0.123956	0.756611	-1.32168	7.4652	3.31361	0.394554	1
cg00560284	0.979925	1.00328	1.00328	0.000543051	2.01332	2.01332	0.0395063	1.36339	1.36339	0.834208	0.973087	-1.02766	6.70465	1.79914	0.238526	1
cg25030549	0.635413	1.04947	1.04947	0.00710142	1.4214	1.4214	0.129807	0.847507	-1.17993	0.370154	0.91115	-1.09751	5.24028	0.848383	0.143908	1
cg19093689	0.0277474	6.18141	6.18141	0.0430982	5.10137	5.10137	0.0049817	13.4991	13.4991	0.0427053	5.12173	5.12173	4.0555	31.4882	6.90162	1
cg21579107	0.925081	1.01946	1.01946	0.00182477	2.47902	2.47902	0.151395	1.37032	1.37032	0.714919	1.07808	1.07808	3.59784	2.39333	0.591301	1
cg11140086	0.112835	1.68153	1.68153	0.0145732	2.47435	2.47435	0.394442	1.30037	1.30037	0.0611575	0.529753	-1.88767	3.40225	4.88588	1.27651	1
cg02540827	0.229337	0.753356	-1.32739	0.0707399	0.63547	-1.57364	0.022924	1.8423	1.8423	0.0441799	0.595064	-1.68049	14.2392	11.3689	0.709709	1
cg20627046	0.72369	0.846169	-1.1818	0.111327	0.442117	-2.26184	0.482107	1.39962	1.39962	0.02882	0.297282	-3.36381	5.51895	19.3556	3.11744	1
cg03035167	0.669023	1.19096	1.19096	0.0971361	2.09572	2.09572	0.00307157	5.19238	5.19238	0.451864	1.36545	1.36545	4.82869	12.63	2.32499	1
cg21535761	0.44322	1.16516	1.16516	0.124103	1.38487	1.38487	0.0715411	0.674713	-1.48211	0.0333299	0.614886	-1.62632	4.57374	2.76951	0.538245	1
cg18189288	0.25862	0.661625	-1.51143	0.593886	0.828111	-1.20757	0.0154604	2.83243	2.83243	0.339764	0.708363	-1.41171	4.27073	8.30687	1.72895	1
cg07060383	0.0325241	1.43574	1.43574	0.146143	1.25294	1.25294	0.357397	1.1466	1.1466	0.860738	1.0257	1.0257	4.20365	1.39079	0.294092	1
cg08153883	0.155632	0.80286	-1.24555	0.000358049	0.437034	-2.28815	0.788125	0.961818	-1.0397	0.502671	0.906362	-1.10331	5.02284	1.66162	0.294055	1
cg18609578	0.000260735	0.250989	-3.98423	0.912281	0.974951	-1.02569	0.420673	1.2085	1.2085	0.789389	1.06357	1.06357	4.93715	4.14386	0.746065	1
cg24419828	0.140584	2.56014	2.56014	?	?	?	?	?	?	0.0628771	0.286513	-3.49024	8.94901	31.8036	4.14618	1
cg13932035	0.481804	0.927357	-1.07833	0.000555652	0.568305	-1.75962	0.874827	0.983508	-1.01677	0.181253	1.1615	1.1615	14.3199	2.52355	0.156645	1
cg14431619	0.00143897	1.5515	1.5515	0.365325	0.915143	-1.09273	0.0865534	1.1978	1.1978	0.0111577	1.35424	1.35424	10.227	1.47211	0.12795	1
cg24786232	0.0104647	0.655597	-1.52533	0.000311038	0.464698	-2.15194	0.015223	0.676696	-1.47777	0.212246	0.841856	-1.18785	7.92889	2.15558	0.241657	1
cg02272599	0.121282	2.01512	2.01512	0.00429414	0.203336	-4.91797	0.0430401	0.378688	-2.64069	0.355871	0.672938	-1.48602	7.63631	21.0395	2.44906	1
cg20618433	0.511594	0.725061	-1.37919	0.00197974	0.121197	-8.25101	0.0986343	0.417026	-2.39793	0.0707546	0.377141	-2.65153	5.16363	19.0734	3.28338	1
cg05868191	0.00081644	0.150468	-6.64591	0.00122437	0.169414	-5.9027	0.996343	1.00172	1.00172	0.00177367	0.188121	-5.31574	10.106	22.5513	1.98354	1
cg22278106	0.223612	1.11899	1.11899	0.00987395	0.750745	-1.33201	0.831449	0.981433	-1.01892	0.158295	1.14181	1.14181	8.35532	1.02312	0.108845	1
cg14465028	0.554397	0.826714	-1.20961	0.0061368	0.320497	-3.12016	0.638746	0.860305	-1.16238	0.407191	1.30971	1.30971	4.12159	6.61025	1.42561	1
cg27325190	0.902518	1.04278	1.04278	0.790958	1.09507	1.09507	0.00209374	4.39223	4.39223	0.0372434	2.28559	2.28559	3.7572	6.95421	1.64525	1
cg18145911	0.0419309	0.747294	-1.33816	0.659002	1.05673	1.05673	0.0230791	0.713472	-1.4016	0.432746	1.10459	1.10459	4.16952	1.01954	0.217354	1
cg12550574	?	?	?	8.12E-06	0.0199399	-50.1508	0.0237769	0.510283	-1.9597	0.0284296	1.89569	1.89569	65.6439	36.0526	0.392296	1
cg19981751	0.0162506	0.650106	-1.53821	0.296486	1.17187	1.17187	0.290881	1.1742	1.1742	0.868902	1.0245	1.0245	7.74172	2.63205	0.302206	1
cg23878603	0.0711803	1.1486	1.1486	0.0293809	0.8383	-1.19289	0.734258	0.976849	-1.0237	0.19077	1.09992	1.09992	4.43727	0.33209	0.0665253	1
cg25263167	0.246616	0.769373	-1.29976	0.542581	1.14268	1.14268	0.0138724	0.517935	-1.93074	0.52879	0.871025	-1.14807	3.84523	2.53491	0.659234	1
cg05724257	0.0569023	1.62533	1.62533	0.00108399	0.337127	-2.96624	0.0134384	0.501616	-1.99356	0.421028	0.830861	-1.20357	12.5841	10.1268	0.715314	1
cg17240454	0.0354573	1.60967	1.60967	0.00121113	0.398062	-2.51217	0.0219235	0.585956	-1.70661	0.1994	0.768288	-1.30159	9.63627	5.76812	0.532075	1
cg19110758	0.688692	0.862137	-1.15991	0.0129625	0.321119	-3.11411	0.0337196	0.401134	-2.49294	0.0620183	0.461173	-2.16838	7.76954	16.6955	1.91008	1
cg10159596	0.956955	0.987062	-1.01311	0.00793229	0.439814	-2.27369	0.783853	0.935812	-1.06859	0.104187	0.651418	-1.53511	5.20122	4.79528	0.819514	1
cg26578149	0.19347	0.718817	-1.39118	0.133228	0.67798	-1.47497	0.439804	0.827756	-1.20809	0.203845	0.724865	-1.37957	4.22267	3.84997	0.810433	1
cg07705908	0.00243831	0.561687	-1.78035	0.18925	0.826822	-1.20945	0.0642626	0.752538	-1.32884	0.0782004	0.765239	-1.30678	19.1634	5.67506	0.263237	1
cg14044057	0.511462	0.939587	-1.0643	0.00499557	0.706343	-1.41574	0.00640929	1.39357	1.39357	0.228552	1.12553	1.12553	6.33261	0.878218	0.123273	1
cg20541961	0.264809	0.816721	-1.22441	0.137011	0.756513	-1.32185	0.589719	0.909521	-1.09948	0.483454	1.13209	1.13209	4.51142	2.16833	0.427228	1
cg26163057	0.042853	0.332766	-3.00511	0.00203604	0.128332	-7.79231	0.0253354	0.285076	-3.50784	0.185986	0.515843	-1.93858	5.2161	18.4097	3.13725	1
cg15957004	?	?	?	0.00183375	1.88014	1.88014	0.0143102	1.52267	1.52267	0.356384	0.879642	-1.13683	17.2449	4.30619	0.218494	1
cg23079866	0.0818971	1.56477	1.56477	0.00380161	0.391829	-2.55213	0.120272	1.47709	1.47709	0.0136696	0.486146	-2.057	10.0642	8.15127	0.629941	1
cg11493197	0.465855	0.925677	-1.08029	0.00977737	1.40491	1.40491	0.905462	0.987712	-1.01244	0.296896	1.11912	1.11912	4.84364	0.830775	0.152461	1
cg06314643	0.244458	0.713059	-1.40241	0.278077	1.36789	1.36789	0.166382	1.5066	1.5066	0.0564686	0.548926	-1.82174	5.25609	6.42169	1.08601	1
cg00413870	0.641772	0.893238	-1.11952	0.463908	0.835568	-1.19679	0.209408	0.727014	-1.37549	0.00078369	0.294118	-3.4	5.04055	4.63578	0.817508	1
cg24285721	0.346841	1.10821	1.10821	0.0651648	1.24559	1.24559	0.0210894	0.745116	-1.34207	0.0603481	0.798778	-1.25191	3.69788	0.65888	0.15838	1
cg23472714	0.0834363	0.789174	-1.26715	0.0167025	0.696976	-1.43477	0.874634	0.980679	-1.0197	0.0265015	0.722519	-1.38405	5.36314	1.29685	0.214941	1
cg04413879	0.0049641	0.404931	-2.46955	0.847897	1.04778	1.04778	0.420433	0.818683	-1.22147	0.0670988	0.60726	-1.64674	3.44049	3.21892	0.831642	1
cg26687305	0.133167	1.14385	1.14385	8.83E-07	0.338433	-2.9548	0.791557	0.978266	-1.02222	0.874737	0.986997	-1.01317	61.2893	6.68058	0.0968894	1
cg03545536	0.856305	0.974439	-1.02623	0.13608	1.2579	1.2579	0.18918	0.819795	-1.21982	0.133673	0.793671	-1.25997	3.67299	1.18713	0.287294	1
cg11927584	0.888243	0.980728	-1.01965	1.44E-06	0.18355	-5.44809	3.43E-05	0.329633	-3.03367	0.0174892	0.670123	-1.49226	26.8749	8.15258	0.269647	1
cg19963471	0.405392	0.855385	-1.16906	0.717005	0.935388	-1.06907	0.0243203	0.611078	-1.63645	0.0686482	0.688001	-1.45349	4.71278	2.51314	0.474009	1
cg21376526	0.831273	0.968732	-1.03228	0.208751	0.820959	-1.21809	0.126618	0.781913	-1.27891	0.140131	0.789534	-1.26657	4.53752	1.59289	0.312044	1
cg22664250	0.0956329	0.441583	-2.26458	0.0458681	0.359888	-2.77864	0.0146878	0.261515	-3.82387	0.256921	0.589568	-1.69616	3.78495	11.953	2.80714	1
cg03727313	0.304967	0.879245	-1.13734	0.39665	0.900189	-1.11088	0.728525	0.958667	-1.04312	0.631597	0.943156	-1.06027	14.5063	3.37177	0.206609	1
cg03638453	0.219257	0.834849	-1.19782	0.454912	1.1122	1.1122	0.686707	1.05828	1.05828	0.0050436	0.595615	-1.67894	7.54487	2.33256	0.274808	1
cg01273613	0.256496	0.799764	-1.25037	0.00786914	1.90267	1.90267	0.670707	1.08403	1.08403	0.793107	1.05084	1.05084	5.40821	3.04842	0.501036	1
cg17404186	0.305119	1.16308	1.16308	0.00531719	1.68623	1.68623	0.277957	0.851716	-1.1741	0.895462	1.01888	1.01888	3.45998	1.10905	0.284923	1
cg17448072	0.0275141	0.605433	-1.65171	0.0896532	1.43359	1.43359	0.783348	0.948326	-1.05449	0.169173	0.754303	-1.32573	3.75058	2.20111	0.521663	1
cg08708079	0.0046322	0.327462	-3.05379	0.000133382	0.140503	-7.11728	0.212183	0.677423	-1.47618	0.00514694	0.33453	-2.98927	9.79555	13.6262	1.2365	1
cg19555886	0.122156	1.71858	1.71858	0.682849	1.142	1.142	0.000577076	5.59268	5.59268	0.000941112	4.92653	4.92653	8.90535	14.7343	1.4707	1
cg01740424	0.0694385	1.938	1.938	0.489602	0.795591	-1.25693	0.0435772	2.12972	2.12972	0.0254828	2.37489	2.37489	8.26654	13.8967	1.49429	1
cg05320183	0.0474067	1.99895	1.99895	0.318519	1.37002	1.37002	0.00571126	3.02448	3.02448	0.00438945	3.19508	3.19508	7.99496	11.8077	1.31279	1
cg17185202	0.538869	0.844905	-1.18356	0.00510991	0.367089	-2.72414	0.85022	1.05254	1.05254	0.0409175	0.527753	-1.89482	5.32507	6.18774	1.03289	1
cg23865994	0.791164	0.87536	-1.14239	0.412006	1.52505	1.52505	0.193555	2.00542	2.00542	0.0143259	4.78698	4.78698	5.66714	22.0917	3.03194	1
cg02347859	0.0138451	0.521965	-1.91584	0.100912	1.4682	1.4682	0.344523	0.812105	-1.23137	0.203255	0.750449	-1.33254	4.12054	2.98189	0.643257	1
cg08151292	0.898343	1.05662	1.05662	0.0454679	2.68719	2.68719	0.0588677	2.50773	2.50773	0.267406	1.64516	1.64516	3.88986	11.4385	2.61385	1
cg11951692	0.26695	0.735167	-1.36024	0.0342294	0.518302	-1.92938	0.0841679	1.66241	1.66241	0.180151	0.684801	-1.46028	9.01942	10.1082	0.996193	1
cg22006288	0.00610313	1.55038	1.55038	0.0292152	1.36993	1.36993	0.891045	1.01693	1.01693	0.027463	0.726516	-1.37643	12.5345	2.97926	0.211276	1
cg21498161	0.333298	0.76213	-1.31211	0.000533626	0.230555	-4.33736	0.561452	0.852302	-1.17329	0.410004	0.795061	-1.25777	6.89783	8.09384	1.04301	1
cg23336905	0.340637	1.21261	1.21261	0.0567322	0.654844	-1.52708	0.199914	1.30451	1.30451	0.018151	1.75621	1.75621	6.82686	4.16664	0.542515	1
cg08534016	0.03863	0.382451	-2.61472	0.0246469	0.341739	-2.92621	0.580179	0.799168	-1.2513	0.0503467	0.408553	-2.44766	5.29236	13.4961	2.26676	1
cg26409748	0.000185527	0.318256	-3.14212	0.000535164	0.376356	-2.65706	0.0586684	0.678854	-1.47307	8.73E-06	0.173538	-5.76243	21.8203	11.3672	0.463064	1
cg24892139	0.031051	0.434998	-2.29886	0.133727	0.587504	-1.70212	0.615924	0.846772	-1.18096	0.964048	1.01493	1.01493	6.37215	10.9137	1.52242	1
cg16578742	0.0131348	0.173749	-5.75542	0.185842	2.22171	2.22171	0.0276974	0.227379	-4.39794	0.194022	2.18579	2.18579	5.64741	28.9658	4.55915	1
cg05707506	0.00192332	0.703849	-1.42076	0.0305304	1.22543	1.22543	0.000741614	1.50636	1.50636	0.00296987	0.721744	-1.38553	40.2911	4.08184	0.0900521	1
cg20398132	0.843222	1.02272	1.02272	0.00513671	1.52105	1.52105	0.299396	1.12979	1.12979	0.475755	0.92101	-1.08576	22.2066	4.52809	0.181251	1
cg11666555	0.00533344	1.75159	1.75159	1.33E-05	4.02761	4.02761	0.000132373	2.75195	2.75195	0.00753669	1.69055	1.69055	19.6124	7.24313	0.328279	1
cg19497021	0.00599666	0.538729	-1.85622	8.97E-05	0.299073	-3.34366	0.125647	1.33036	1.33036	0.112248	0.742431	-1.34693	14.3256	6.73033	0.417611	1
cg19715873	0.000682099	1.46813	1.46813	0.000118268	1.64623	1.64623	0.144101	0.890383	-1.12311	0.8063	0.981988	-1.01834	14.1552	1.22726	0.0770669	1
cg02487130	0.0364648	1.8347	1.8347	1.43E-05	9.54107	9.54107	0.0089989	0.436456	-2.29118	0.00645931	2.42058	2.42058	13.3983	13.2226	0.877235	1
cg02767202	0.337373	1.28555	1.28555	2.88E-05	0.124235	-8.04927	0.197576	0.707583	-1.41326	0.909154	0.971427	-1.02941	11.8833	12.1388	0.908005	1
cg27252970	0.0106511	3.17452	3.17452	4.11E-05	16.6532	16.6532	0.000657603	6.53825	6.53825	0.0402002	2.34618	2.34618	11.9392	21.7522	1.82192	1
cg06344576	0.00641917	2.07965	2.07965	0.04515	1.60746	1.60746	0.0218358	1.76529	1.76529	0.0837471	0.673522	-1.48473	6.83351	4.61567	0.600396	1
cg15415787	0.276226	1.47271	1.47271	0.397363	0.743647	-1.34472	0.309827	0.698241	-1.43217	0.00331601	3.92299	3.92299	5.57587	10.3158	1.64451	1
cg18131810	0.083284	2.3096	2.3096	0.0012463	7.8387	7.8387	0.00653158	4.67789	4.67789	0.0265473	3.15154	3.15154	5.28981	15.9689	2.68338	1
cg15971761	0.0658883	0.469825	-2.12845	0.000944981	0.164499	-6.07905	0.507609	1.27898	1.27898	0.0826193	0.494755	-2.0212	5.1534	10.9369	1.88647	1
cg03030650	0.0141994	3.76419	3.76419	0.0753811	2.38066	2.38066	0.0279209	3.12099	3.12099	0.765218	0.877025	-1.14022	5.08714	15.4668	2.70255	1
cg04323979	0.717493	0.974275	-1.0264	0.0022096	0.735154	-1.36026	0.186488	1.10567	1.10567	0.0070732	0.779071	-1.28358	4.92444	0.401246	0.0724273	1
cg03693568	0.276577	1.19035	1.19035	0.0119838	1.62034	1.62034	0.0287313	1.48767	1.48767	0.586843	0.918987	-1.08815	4.71185	1.76915	0.333749	1
cg26539941	?	?	?	0.63689	1.2604	1.2604	0.733894	1.18056	1.18056	0.735957	0.848199	-1.17897	5.3059	17.2842	2.85035	1
cg11841522	0.018827	2.89109	2.89109	0.00142136	5.59743	5.59743	0.00572859	3.86272	3.86272	0.250169	1.56569	1.56569	4.56724	10.0682	1.9595	1
cg08885556	0.0143736	0.432921	-2.30989	0.00416759	0.344617	-2.90177	0.908486	1.03242	1.03242	0.126849	0.632464	-1.58112	4.47757	5.45876	1.08367	1
cg03394909	0.252104	0.778838	-1.28396	0.485799	0.862457	-1.15948	0.0382998	0.605586	-1.65129	0.0332607	0.59458	-1.68186	4.28569	2.96279	0.614508	1
cg23712156	0.493308	0.891713	-1.12144	0.512965	1.1155	1.1155	0.0292248	0.654925	-1.52689	0.238275	0.815877	-1.22567	4.2761	1.83794	0.382058	1
cg23065715	0.170663	2.23278	2.23278	0.00377471	8.60038	8.60038	0.00770584	6.58559	6.58559	0.0166363	5.00223	5.00223	4.15228	19.9329	4.26708	1
cg18984724	0.142873	2.4209	2.4209	0.0108374	6.02849	6.02849	0.00509648	7.99038	7.99038	0.0155031	5.29629	5.29629	4.09293	20.4336	4.4377	1
cg15634877	0.075042	4.82135	4.82135	0.0118809	12.0811	12.0811	0.00657772	16.4498	16.4498	0.0152233	10.6459	10.6459	3.90834	38.9723	8.86362	1
cg25925023	0.220614	2.85455	2.85455	0.142438	3.61206	3.61206	0.00669076	17.5542	17.5542	0.0512884	6.09606	6.09606	3.43847	36.1298	9.34001	1
cg26236278	0.114227	0.612123	-1.63366	0.0119465	2.44991	2.44991	0.121606	0.619135	-1.61516	0.0535796	0.534597	-1.87057	6.7726	8.75391	1.14893	1
cg05754035	0.994054	1.00193	1.00193	0.000438794	4.21678	4.21678	0.880917	1.03961	1.03961	0.922951	1.02538	1.02538	5.73451	6.09729	0.945124	1
cg10006419	0.020018	0.403736	-2.47687	0.0680484	0.516676	-1.93545	0.71109	0.886723	-1.12775	0.449364	0.779499	-1.28288	5.10013	8.43462	1.47005	1
cg24085606	0.120446	0.880034	-1.13632	0.000178227	0.617687	-1.61894	0.89125	1.01043	1.01043	0.227474	0.908349	-1.1009	23.5833	2.15014	0.0810419	1
cg08653403	1.67E-05	0.0377582	-26.4843	0.532819	0.813071	-1.2299	0.167704	1.625	1.625	0.196617	1.56862	1.56862	15.1383	25.0873	1.28894	1
cg10145941	0.954511	1.00924	1.00924	0.00506125	0.550242	-1.81738	0.00395744	1.86766	1.86766	0.0621739	0.712885	-1.40275	11.7727	4.84413	0.36575	1
cg14841628	0.000601719	0.319836	-3.1266	0.00407891	0.435893	-2.29414	0.965345	1.0094	1.0094	0.902336	0.973901	-1.0268	10.096	7.42012	0.653292	1
cg03646788	0.218801	0.804739	-1.24264	0.0368381	1.50273	1.50273	0.340684	0.847959	-1.1793	0.164257	0.779369	-1.28309	8.97104	4.00833	0.397163	1
cg20806712	0.0358663	0.635192	-1.57433	0.629431	1.09459	1.09459	0.720882	0.935488	-1.06896	0.0507083	0.661109	-1.51261	5.71729	3.12869	0.486429	1
cg08892464	0.0188391	2.30051	2.30051	0.00706282	0.356755	-2.80305	0.154781	0.645953	-1.5481	0.432044	1.25662	1.25662	6.09445	6.77352	0.972497	1
cg07180355	0.0339641	0.481307	-2.07767	0.626388	0.865086	-1.15595	0.19992	1.49185	1.49185	0.414257	0.781498	-1.27959	4.63794	6.41	1.22852	1
cg26058971	0.985585	0.99757	-1.00244	0.0014208	0.537049	-1.86203	0.46534	1.10523	1.10523	0.0250774	0.698482	-1.43168	4.62367	1.32777	0.255261	1
cg19643665	0.384654	0.610218	-1.63876	0.701993	0.80812	-1.23744	0.215994	2.05764	2.05764	0.472297	0.666893	-1.49949	3.61516	17.5824	4.32312	1
cg06526137	0.06657	0.634935	-1.57497	3.60E-08	0.0129277	-77.3535	0.167505	1.38384	1.38384	0.366871	0.814905	-1.22714	48.057	37.1082	0.686374	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ILMN_1813148	SPEN;FLJ37453	0.00127755	0.0304721	0.892303	-1.1207	1.206-05	1.38725	3.720387	0.9883306	-1.01698	0.0523446	1.08897	1.01555	1.0243	1.0243	0.067862	0.908588	-1.10061	0.0693787	0.909175	-1.0999	0.03725278	0.8928854	-1.12	0.0111247	1.16089	10.9736	0.383839	0.0300297	1
ILMN_1813147	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813146	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813145	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813144	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813143	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813142	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813141	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813140	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813139	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813138	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813137	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813136	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813135	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813134	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813133	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813132	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813131	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813130	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813129	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813128	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813127	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813126	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813125	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813124	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813123	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813122	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813121	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813120	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813119	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813118	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813117	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813116	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813115	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813114	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813113	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813112	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813111	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813110	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813109	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813108	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813107	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813106	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813105	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813104	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813103	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813102	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813101	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813100	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813099	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813098	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813097	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813096	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813095	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813094	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813093	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813092	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813091	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813090	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813089	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813088	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813087	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813086	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473	1.776581	1
ILMN_1813085	SPEN;FLJ37453	0.0018043	0.478384	1.31963	0.1312464	1.38638	1.38638	0.00854083	3.81849	3.81849	0.514378	0.775421	-1.28862	0.274462	0.644585	1.55139	0.113994	0.512378	-1.99168	0.00199497	13.8323	13.8323	0.00129332	6.78991	6.78991	0.0132062	3.38915	13.8834	27.1473

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg23765993	SPINLW1;SPINLW1	0.00436104	0.081
cg22862112	SPINLW1;SPINLW1	0.00789901	0.831313
cg10379687	SPINLW1;SPINLW1	0.0174721	0.287699
cg16471362	SPINLW1;SPINLW1	0.0470003	0.00808948
cg11701759	SPINT1;SPINT1;SPINT1	0.0106004	0.114854
cg10850722	SPINT1;SPINT1;SPINT1	0.0226059	0.0637454
cg13150785	SPINT1;SPINT1;SPINT1	0.0357061	0.510959
cg23090870	SPINT2;SPINT2	0.0155016	0.0237377
cg19261810	SPINT2;SPINT2	0.0167376	0.603202
cg05133150	SPINT3	0.00019153	0.576602
cg18431123	SPINT3	0.000215515	0.10437
cg04575427	SPINT3	0.00156443	0.00398045
cg03013946	SPINT3	0.00224393	0.609989
cg17548347	SPINT3	0.00839673	0.354628
cg24009065	SPINT4	0.00673532	0.0167352
cg06568346	SPINT4	0.00730847	0.955843
cg01893731	SPINT4	0.0199823	0.0139018
cg13924974	SPIRE1;SPIRE1;SPIRE1	0.0155917	0.745102
cg25051052	SPIRE1;SPIRE1;SPIRE1	0.0193178	0.861293
cg17041861	SPIRE1;SPIRE1;SPIRE1	0.0376161	0.0471278
cg07984980	SPIRE2	0.000238815	0.50281
cg16392942	SPIRE2	0.00146514	0.0457343
cg10136263	SPIRE2	0.00151081	0.336659
cg01739831	SPIRE2	0.00184155	0.464543
cg16531275	SPIRE2	0.0019506	0.541722
cg03740752	SPIRE2	0.00278085	0.20201
cg27031117	SPIRE2	0.00334579	0.0817335
cg19797604	SPIRE2	0.00490572	0.107039
cg07365857	SPIRE2	0.00670231	0.388481
cg05500240	SPIRE2	0.0100336	0.000292608
cg05941025	SPIRE2	0.0105043	0.0199714
cg03388025	SPIRE2	0.0105351	0.00714072
cg27461200	SPIRE2	0.0122988	0.103079
cg02702481	SPIRE2	0.0126703	0.239814
cg04508332	SPIRE2	0.0132576	0.346054
cg07959380	SPIRE2	0.013676	0.0137404
cg09616061	SPIRE2	0.0164786	0.256333
cg02805859	SPIRE2	0.0222205	0.49111
cg03692872	SPIRE2	0.0233472	0.749652
cg27072212	SPIRE2	0.0281006	0.051168
cg26593967	SPIRE2	0.0299541	0.696157
cg00400262	SPIRE2	0.0328135	0.0573291
cg08655664	SPIRE2	0.0346493	0.388275
cg07066561	SPIRE2	0.0362735	0.605711
cg03036210	SPIRE2	0.0470293	0.0238117
cg02875869	SPIRE2	0.0481843	0.0832318
cg10126903	SPN;SPN	0.00282053	0.224255
cg26691434	SPN;SPN	0.00509987	0.0197466
cg09946623	SPN;SPN	0.0117981	0.0784607
cg01681367	SPN;SPN	0.0327461	0.123472
cg07856138	SPN;SPN	0.0489613	0.0470993
cg16462073	SPNS1;LAT;LAT;LAT;SPNS1;SPNS1;LAT;SPNS1;SPNS1	0.00212021	0.00361043
cg00474657	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	2.53E-06	9.18E-05
cg10288996	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.00125778	1.83E-05
cg10329001	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.00228274	0.00191125
cg04302860	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.00423073	0.0411803
cg08180572	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.0074799	0.00775964
cg26543908	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.00797726	0.00939084
cg02443658	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.00910317	0.00770098
cg06743973	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.0193351	0.0993582
cg04393675	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1;SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.00372651	0.404959
cg25690958	SPNS2	0.0076048	0.00595377
cg05119290	SPNS2	0.0136841	0.00958273
cg04020764	SPNS2	0.0206438	0.00705786
cg13124801	SPNS2	0.0301438	0.0559006
cg10457446	SPNS2	0.0432713	0.833709
cg09136101	SPNS2	0.0432981	0.72148
cg26102864	SPNS3	8.99E-05	0.0825155
cg12047944	SPNS3	0.00624925	0.164931
cg01768686	SPNS3	0.0250807	0.0216422
cg13950162	SPO11;SPO11	0.00048454	0.0187191
cg13443844	SPO11;SPO11	0.00369492	0.0550237
cg02839622	SPO11;SPO11	0.0125051	0.394944
cg19746719	SPO11;SPO11	0.0201304	0.0260576
cg11991566	SPO11;SPO11	0.0342345	0.0693504
cg23416994	SPO11;SPO11	0.0497287	0.00814872
cg26645834	SPO11;SPO11;SPO11;SPO11	0.0299592	0.835605
cg05944260	SPOCD1	0.000148256	0.0019827
cg23268630	SPOCD1	0.000289966	0.00470017
cg02631286	SPOCD1	0.00350344	0.0110649
cg22169053	SPOCD1	0.00723299	0.0123241
cg15789095	SPOCD1	0.0107591	0.0109749
cg12401953	SPOCK1	0.000495642	0.00908655
cg17221083	SPOCK1	0.00182546	0.235944
cg22909935	SPOCK1	0.00235753	0.000770128
cg08635765	SPOCK1	0.00301145	0.693
cg19075506	SPOCK1	0.00301328	0.154797
cg26968544	SPOCK1	0.00347472	0.00233747
cg03639488	SPOCK1	0.00364722	0.233488
ch.5.2522686R	SPOCK1	0.00530222	0.002209
cg21582240	SPOCK1	0.00720982	0.809815
cg19567866	SPOCK1	0.00731328	0.0158648
ch.5.2517577F	SPOCK1	0.010825	0.00595141
cg22902550	SPOCK1	0.0148528	0.966472
cg05480370	SPOCK1	0.0414524	0.172381
cg22612642	SPOCK1	0.0438739	0.00857362
cg18603028	SPOCK1	0.0484165	0.023903
cg08389497	SPOCK2	0.0013932	0.0884655
cg05773958	SPOCK3;SPOCK3	0.000149958	0.448181
cg22009329	SPOCK3;SPOCK3	0.0156703	0.164503
cg05554543	SPOCK3;SPOCK3	0.0221513	0.147928
cg21824455	SPOCK3;SPOCK3	0.0245327	0.68441
cg16251342	SPOCK3;SPOCK3	0.0290635	0.308711
cg00816515	SPON1	0.000829367	0.00491955
cg22961513	SPON1	0.000988952	0.0248702
cg04293175	SPON1	0.00417969	0.352912
cg02635370	SPON1	0.00465555	0.0127689
cg23387056	SPON1	0.00542523	0.04504
cg23722437	SPON1	0.00648971	0.274069
cg21415227	SPON1	0.0101277	0.0196993
cg24562777	SPON1	0.0103053	0.0529662
cg06199346	SPON1	0.0114553	0.217558
cg04547675	SPON1	0.0118098	0.0166157
cg19488260	SPON1	0.0144081	0.0174307
cg22627091	SPON1	0.0174517	0.144282
cg02886208	SPON1	0.0193022	0.00898002
cg10153349	SPON1	0.0298946	0.218376
cg22805485	SPON1	0.0336612	0.134893
cg11697120	SPON1	0.0384565	0.0337885
cg00609834	SPON1	0.0384662	0.309167
cg08309747	SPON1	0.0405771	0.472549
cg12581592	SPON1;SPON1	0.00076909	0.0013279
cg20693209	SPON1;SPON1	0.00510485	0.0322192
cg03250742	SPON2;LOC100130872-SPON2;SPON2	0.00928464	0.512312
cg08462122	SPON2;SPON2	0.000955784	0.00405981
cg17456304	SPON2;SPON2	0.00227847	0.00732347
cg14525473	SPON2;SPON2	0.00720416	0.610673
cg09555706	SPON2;SPON2	0.0117269	0.240846
cg23339454	SPON2;SPON2	0.0153147	0.992964
cg16353796	SPON2;SPON2	0.0245559	0.100182
cg03687345	SPON2;SPON2	0.031975	0.182349
cg13796272	SPON2;SPON2	0.0482232	0.548708
cg15485665	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	4.62E-05	0.087291
cg22160463	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	0.00176746	0.0292158
cg06291334	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	0.00332282	0.601758
cg14245135	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	0.00650875	0.00990491
cg08490445	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	0.0456272	0.0335315
cg10095539	SPOPL	0.000934588	0.0308681
cg03782584	SPOPL	0.00858724	0.0757628

Probeset ID	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23765993	0.420318	-2.37915	0.603208	0.790626	-1.26482	0.104377	0.45144	-2.21513	0.167934	0.517699	-1.93163	0.0282141	0.313231	-3.19253	0.360232	0.656132	-1.52408	0.000492633	0.0867532	-11.527	0.000274252	0.0692499	-14.4404	0.0464075	0.359862	-2.77884	7.65012	24.3168	2.82543	1
cg22862112	0.953402	-1.04888	0.00188674	2.67897	2.67897	0.470379	0.84851	-1.17854	0.191057	0.733681	-1.36299	0.0321997	0.570536	-1.75274	0.0814557	0.649204	-1.54035	0.0022682	0.384692	-2.59949	0.196334	0.736668	-1.35746	0.993265	0.998114	-1.00189	6.36955	5.04809	0.704475	1
cg10379687	0.61572	-1.62412	0.384524	1.47951	1.47951	0.241436	0.583502	-1.71379	0.150932	0.50853	-1.96645	0.0344259	0.338296	-2.95599	0.125924	0.483112	-2.06991	0.000828966	0.109538	-9.12925	0.0289854	0.322721	-3.09865	0.0204109	0.292959	-3.41344	4.9241	15.0526	2.71726	1
cg16471362	0.114452	-8.73731	0.115946	0.335538	-2.98029	0.0609517	0.259276	-3.8569	0.563719	0.688637	-1.45214	0.0198478	0.165736	-6.03368	0.693137	1.2885	1.2885	0.104899	0.322188	-3.10378	0.0313863	0.199179	-5.02061	0.0451737	0.230206	-4.34394	3.46841	22.4391	5.75072	1
cg11701759	0.420454	-2.37838	0.00740225	6.00787	6.00787	0.289271	1.73637	1.73637	0.30256	0.585338	-1.70841	0.0115103	0.195086	-5.12594	0.00230058	0.105895	-9.44333	0.41714	0.660362	-1.51432	0.551601	0.740109	-1.35115	0.332102	1.65113	1.65113	6.58313	25.3919	2.99998	1
cg10850722	0.445032	-2.24703	0.106659	0.50444	-1.9824	0.054522	0.428551	-2.33345	0.126489	1.90056	1.90056	0.00645114	0.252587	-3.95903	0.514532	0.773557	-1.29273	0.00350081	0.214652	-4.6587	0.355756	0.691422	-1.4463	0.152196	0.55111	-1.81452	4.51163	10.7825	2.12438	1
cg13150785	0.816547	-1.22467	0.650028	1.14895	1.14895	0.0454934	0.497969	-2.00816	0.749986	0.907393	-1.10206	0.0104571	0.375425	-2.66365	0.816898	0.931929	-1.07304	0.0164288	0.41013	-2.43825	0.00600647	0.335774	-2.97819	0.820547	1.07151	1.07151	3.83924	5.61823	1.30077	1
cg23090870	2.97777	2.97777	0.0249167	2.94136	2.94136	0.0982167	2.08162	2.08162	0.201704	1.72455	1.72455	0.728928	1.151	1.151	0.0179593	3.19747	3.19747	0.000933228	7.36686	7.36686	0.0121581	3.5371	3.5371	0.212912	1.69939	1.69939	5.12458	13.2619	2.30035	1
cg19261810	1.12649	1.12649	0.401973	0.822636	-1.2156	0.892932	0.969916	-1.03102	0.509283	0.858839	-1.16436	0.000657614	0.280464	-3.56553	0.0610614	1.62879	1.62879	0.126648	1.46132	1.46132	0.610178	1.12386	1.12386	0.193567	0.729975	-1.36991	5.594	4.46164	0.620337	1
cg05133150	0.850084	-1.17635	0.00836102	0.37899	-2.63859	0.0163166	0.429332	-2.3292	0.0538135	0.532373	-1.87838	5.06E-05	0.112244	-8.90914	0.127151	0.621877	-1.60804	5.30E-06	0.0512202	-19.5236	0.0440265	0.513605	-1.94702	0.0352568	0.493586	-2.02599	18.5879	24.4069	1.16716	1
cg18431123	0.651927	-1.53391	0.00238878	0.360561	-2.77345	0.0136846	0.479617	-2.085	0.00164056	0.337379	-2.96403	5.95E-06	0.086375	-11.5774	0.00119467	0.31843	-3.14041	0.656772	0.897827	-1.1138	0.00610569	0.422096	-2.36913	0.000763359	0.292625	-3.41735	18.0024	16.5576	0.81755	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg19088711	SPOPL	0.014872	0.0441206	1.384768	-2.59897	1.00178677	0.159476	-6.27052	0.02243697	0.330223	1.032826	0.675501	0.840409	-1.1899	0.02284417	0.347978	-2.87375	0.202884	0.573985	-1.74221	0.0027848	0.182193	-5.48868	0.3387259	0.663105	-1.50806	0.0355386	0.363985	24.70157	5.19539	14.0337	2.401025	1
cg10033694	SPOPL	0.0178546	0.854689	0.946395	-1.05664	0.6573112	1.1436	1.1436	0.0182047	0.42249	-2.36692	0.742985	1.10394	1.103494	0.0433475	0.476474	2.09875	0.00217736	0.274623	3.64136	0.0783292	0.555578	-1.79993	0.443777	1.26446	1.26446	0.0132089	0.39726	-2.51724	4.88844	6.99263	1.2715	1
cg13823936	SPOPL	0.0163117	0.673321	0.898975	-1.11238	0.00489358	0.391942	-2.5514	0.0105505	0.445737	-2.24348	0.426813	0.815638	-1.22603	0.202286	0.713113	-1.4023	0.493742	0.841927	-1.18775	0.0471208	1.76933	1.76933	0.561125	0.862784	-1.15904	0.8626139	1.04445	1.04445	3.81586	3.8122	0.8880336	1
cg07886421	SPOPL	0.0403855	0.960992	0.994497	-1.00553	0.0172391	1.472449	1.472449	0.105379	1.21611	1.26611	0.0171265	0.978745	-1.47331	0.0538442	0.94158	-1.06204	0.0912504	0.7803516	-1.28115	0.4222	0.8964227	-1.11554	0.0901109	1.28288	1.28288	0.9537911	0.992302	-1.00776	3.65506	1.02958	0.2503888	1
cg01278209	SPOPS;SPOPL	0.0172009	0.36049	0.866404	-1.1542	0.204086	1.22685	1.226685	0.000885989	2.13792	2.13792	0.950585	0.990591	-1.0095	0.766775	0.955643	-1.04642	0.223708	0.822837	-1.21531	0.0740831	0.738128	-1.35478	?	?	0.2251391	1.20057	1.0240328	1.65172	0.327586	1
cg01226901	SPI1;SPPL2B	0.0004041344	0.570568	0.885661	-1.1291	0.00013649	0.247076	-4.04734	2.69E-05	0.172793	-5.78727	0.271482	0.784075	-1.27464	0.217938	0.759921	-1.31593	0.429583	0.842992	-1.18625	0.134996	1.40679	1.40679	0.09195116	1.82284	1.822864	0.7010185	1.424646	15.1861	10.7914	0.6316153	1
cg00583003	SPI1;SPPL2B	0.000512965	0.336415	1.17412	1.17412	0.000720091	0.434552	-2.30122	2.22E-05	0.252069	-3.96717	0.809369	0.961614	-1.03992	0.453797	1.13514	1.13154	0.0369211	1.48066	1.48066	0.145551	1.288	1.288	0.950266	1.01015	1.01015	0.214926	1.23543	1.23543	14.1894	5.80439	0.3692513	1
cg15460348	SPI1;SPPL2B;SPPL2C	0.0122914	0.315642	0.817219	-1.62002	0.00982897	0.106409	-3.98072	0.000447762	0.192765	-5.18767	0.0708852	0.391268	-2.55478	0.251157	0.574099	-1.74186	0.145564	0.481534	-2.0681	0.0346882	0.137928	-3.14537	0.152685	0.4900548	-2.03854	0.561381	0.761043	-1.31399	4.46529	15.2607	3.043987	1
cg12133417	SPP2	5.83E-05	8.37E-06	1.18691	1.35017	0.0929882	0.726728	-1.37603	0.00066377	0.406499	-1.76003	0.00587758	0.563564	-1.86379	1.75E-05	2.219037	-4.56543	0.254212	1.2283	1.2283	5.64E-05	0.273755	0.675295	0.710273	-1.40791	0.022482	0.623671	1.603491	25.5605	12.0761	0.4199556	1
cg13611432	SPP2	0.00019407	0.777948	1.07271	1.07271	0.0019683	0.337573	-2.96232	0.0065432	0.455995	-2.40388	5.24E-05	0.153046	-6.534	4.88E-05	0.150192	-6.65816	0.000852072	0.28813	-3.47066	0.000337794	0.238248	-4.1973	0.0147152	0.474524	-2.10738	0.00170358	0.328748	-3.04184	18.5217	18.0819	0.8677821	1
cg17286165	SPP2;A	0.0128048	0.816779	1.12243	2.08145	0.0147	0.144	-2.07792	2.49E-07	0.304029	-3.28402	0.0001	0.0662	-2.74705	0.0001	0.1662	-3.00301	0.0725135	0.7783515	1.30155	0.0025525	0.77933	1.27133	0.1010125	0.6804341	-1.23756	0.0004183	0.692472	-1.4441	68.0559	3.28513	0.0607649	1
cg16512239	SPN;A	0.000176929	0.58	0.557586	-1.79345	4.75E-05	0.90543	1.002988441	1.40867	1.40867	0.667963	0.964347	-1.03697	0.00446912	1.37524	1.37524		0.0727279	0.844712	-1.18383	0.321416	1.090006	1.090006	0.355691	0.923181	-1.08321	0.0647031	1.190272	1.190272	18.9912	2.12803	0.0996455	1
cg06729697	SPN;A	0.00253269	0.0290334	0.485468	-2.05987	0.0816163	0.581587	-1.75945	0.109289	1.632912	1.632912	0.205957	0.718738	-1.39137	0.000985813	0.252758	-3.95624	0.451438	0.806171	-1.24043	0.0005975	0.2032524	-4.93768	0.0039198	0.293732	-3.40469	0.0930978	0.595232	-1.68082	8.997056	11.2384	1.11026	1
cg00192481	SPN;A	0.00945133	0.0333723	0.192742	-5.18829	0.495882	0.632635	-1.58069	0.761196	2.22365	1.223651	0.885648	1.09997	-1.09997	0.312435	1.99752	1.99752	?	?	?	0.000567119	0.0291222	-34.3381	0.007595517	0.10296	-9.71255	0.836335	0.871991	-1.1468	6.13921	37.8967	6.1729	1
cg10469659	SPN;A	0.0102377	0.151661	1.42342	1.42342	0.0316545	0.258368	-2.81478	0.0191516	0.521232	-1.91853	0.387348	0.815744	-1.22588	0.532122	0.864662	-1.15652	0.368456	1.23655	1.23655	0.0174056	1.94545	1.94545	0.412843	0.824949	-1.2122	0.24493	0.589206	-1.6972	5.86634	4.90834	0.743729	1
cg14889547	SPN;A	0.0210778	0.019282	0.300017	-3.33314	0.0136142	0.1222	-2.10322	0.0898582	0.568447	-1.75609	0.0637731	0.57588	-1.73346	0.0032333	0.344297	-2.8877	0.0356119	0.5243	-1.90731	0.779451	1.07878	1.07878	0.00827793	0.401124	-2.49328	0.0044202	0.366807	-2.72623	5.73183	6.32642	0.9810297	1
cg15683743	SPN;A	0.0380425	0.350185	0.749801	-1.33369	0.419553	1.28013	1.28013	0.003491	3.27629	3.27629	0.216807	0.677639	-1.47571	0.199621	0.666459	-1.50047	0.027606	0.458419	-2.18141	0.315892	0.7330571	-1.36412	0.842761	1.06127	1.06127	0.829863	1.06656	1.06656	7.3516	5.32761	1.2623	1
cg11007423	SPN;A	0.0198038	0.0335552	1.51755	1.51755	0.4558511	1.13607	1.13607	0.0129799	1.67849	1.67849	0.0410948	1.48574	1.48574	0.0178524	1.25522	1.25522	1.29179	1.14763	1.14763	0.0215774	0.634978	-1.57486	0.953036	1.00994	1.00994	0.729213	0.941328	-1.06233	3.68674	1.64763	0.397325	1
cg05376219	SPN;SPPL2B	0.0116164	0.0211564	1.81656	-2.06968	0.0128217	0.442208	-2.26138	0.0589288	0.568447	-1.75609	0.0637731	0.57588	-1.73346	0.0032333	0.344297	-2.8877	0.0356119	0.5243	-1.90731	0.779451	1.07878	1.07878	0.00827793	0.401124	-2.49328	0.0044202	0.366807	-2.72623	5.73183	6.32642	0.9810297	1
cg13941993	SPN;SPPL2B	0.011226	0.089072	0.710313	-1.40783	0.00109116	2.40832	2.40832	0.160918	0.760973	-1.31411	0.955025	0.10034	1.00134	0.0215333	0.604363	-1.65464	0.65283	1.0861	1.0861	0.0351059	0.639046	-1.56483	0.867324	0.969962	-1.03097	0.375546	1.18044	1.18044	5.69504	3.0011	0.4684115	1
cg22621913	SPN;SPPL2B	0.0194527	0.487687	1.08631	1.08631	0.330401	0.88356	-1.13207	0.313165	0.884589	-1.13034	0.140995	1.20436	1.204361	0.502783	0.830253	-1.20453	0.765561	1.2602	1.2602	0.0370461	1.76052	1.76052	0.142433	0.930556	-1.07482	0.156881	0.747606	1.03743	1.03743	0.2121261	0.850496	0.194177	1
cg01571977	SPN;SPPL2B	0.0216588	0.79282	2.79872	0.2533028	0.44087	0.34087	0.183227	0.78208	0.262695	3.55577	0.292805	0.64262	2.623743	0.624781	0.32943	3.03334	0.642953	2.623743	2.62733	0.544871	0.32943	3.03334	0.40209	0.641009	0.0119802	0.429155	0.429155	2.33097	0.456137	15.2396	3.03977	1
cg19458496	SPN;SPPL2B	0.0186059	0.0248596	0.455555	-1.75226	0.048453	0.78738	-1.27005	0.177512	1.31716	1.31716	0.175312	0.966354	-1.03506	0.962255	1.023779	1.023779	0.641926	-1.55781	0.0354709	0.964355	-1.03681	0.0911201	0.729669	0.7288266	0.991306	-1.00877	0.194447	1.10335	1.10335	1.2709	0.7769838	1.98766	1.24017	1
cg22453911	SPN;SPPL2B	0.0410714	0.80133	0.956669	-1.04529	0.0303156	1.56417	1.56417	0.026896	1.58487	1.58487	0.162853	1.29917	1.29917	0.0113807	0.573158	1.74472	0.16329	1.29877	1.29877	0.201556	1.26738	1.26738	0.383965	1.16981	1.16981	0.940957	1.0131	1.0131	3.64739	1.78312	0.434555	1
cg12542094	SPN;SPPL2B	0.0417005	0.47032	2.088589	-1.11286	0.790915	0.962053	-1.03944	0.0276752	1.46082	1.46082	0.127552	1.27111	1.271111	0.0170185	1.92027	1.92027	0.593904	1.0815	1.0815	0.957864	1.00772	1.00772	0.821777	0.967686	-1.01339	0.168626	1.23808	1.23808	0.62693	1.21758	0.298406	1
cg12721454	SPN;SPPL2B;LSM7	0.0101889	0.0161355	1.82937	1.82937	0.0160609	0.558049	-1.35903	0.0578506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	1
cg03698729	SPN;SPPL2B;LSM7	0.0239632	0.621307	0.915334	-1.0925	0.0429699	0.661135	-1.51255	0.397431	0.857325	-1.16642	0.680111	0.92899	-1.07644	0.000646625	0.394666	2.53379	0.632295	1.08942	1.08942	0.0258497	0.6249561	-1.60011	0.770533	0.949366	-1.05333	0.953914	1.01032	1.01032	4.42175	2.23038	0.4443345	1
cg19683757	SPN;SPPL2B;LSM7	0.0483735	0.363394	0.762939	-1.31103	0.0243854	0.177376	-4.4288	0.0213292	0.363958	-2.74805	0.0107705	0.436849	-2.28886	0.0099732	0.360558	2.77405	0.233108	0.696374	-1.43642	0.0155313	0.643088	-1.55468	0.9147	0.9147	0.0702055	0.954432	-2.25027	0.931146	2.03625	0.43579	4.5591	1.18122	1
cg02419362	SPN;L3	0.000391331	0.000372682	0.138734	-7.20801	0.0325665	0.248544	-4.02279	0.00616187	0.280477	-3.45451	0.131571	1.75906	1.759061	0.0038303	0.258628	3.86656	0.000507027	0.151828	6.5864	0.0022792	0.279421	3.57796	0.119485	1.12517	0.166707	0.8150368	0.845036	0.183338	5.98203	2.72476	0.184691	1
cg06845408	SPN;L3	0.00384704	0.757015	0.935063	-1.06945	0.0164165	0.530238	-1.88595	0.350863	0.812432	-1.23087	0.0637473	0.56968	1.56968	0.456389	1.17833	1.17833	0.340512	1.23677	1.23677	0.000394077	0.2964859	-3.39145	0.280025	0.784318	-1.27499	0.00194448	0.387438	-2.58306	7.94522	5.88919	0.6588666	1
cg09372498	SPN;L3	0.0783107	0.3664403	1.2177	1.2177	0.0209	0.213729	-1.36747	0.0013653651	0.282027	-2.04227	0.0299457	0.10203	1.0203	0.0012599	0.3539	2.82668	0.2541119	0.9946572	1.0203	0.0012599	0.3539	2.82668	0.2541119	0.9946572	1.0203	0.0012599	0.3539	2.82668	0.2541119	0.9946572	1.0203	0.0012599	1
cg07141527	SPN;L3	0.0108429	0.0144623	1.56569	1.56569	0.0039397	0.561562	-1.78075	0.027229	0.677864	-1.47522	0.565935	1.09016	1.09016	0.0154652	0.935193	1.0693	0.731283	1.05262	1.05262	0.0370656	1.43358	1.43358	0.129714	1.27574	1.27574	0.0821397	0.750867	1.33179	7.57954	2.01872	0.311578	1
cg25621194	SPN;SPPL3	0.0203197	0.502188	1.09466	1.09466	0.0158	0.685288	1.10006	0.0158	0.685288	1.10006	0.0158	0.685288	1.10006	0.0158	0.685288	1.10006	0.004652246	0.21211	4.71498	0.0012141	0.824635	1.21273	0.0354709	0.964355	-1.03681	0.0911201	0.729669	0.7288266	0.991306	-1.00877	0.194447	1.10335	1.10335	1.2709	0.7769838	1.98766	1.24017	1
cg07799353	SPN;L3	0.0355541	0.636743	0.921462	-1.08523	0.300214	0.831447	-1.20272	0.641222	1.08404	1.08404	0.145843	0.764542	-1.30797	0.509941	0.891432	1.12179	0.970799	0.993726	-1.00631	0.000840653	0.421642	-2.37168	0.64575	0.98284	1.08284	0.0487912	0.679115	1.47243	3.84519	1.80442	0.416203	1
cg22549626	SPN;L3	0.0375446	0.304133	1.34992	0.352822	1.30917	1.30937	0.0912439	1.68946	1.68946	0.555599	1.18302	1.18302	0.05079998	0.161007	-2.77003		0.0768045	0.574164	-1.74166	0.166728	0.659108	-1.51536	0.548404	1.53621	1.53621	0.21441	0.691766	-1.44558	0.75963	1.47465	1.11901	1
cg08346140	SPN;L3	0.0195071	0.7599631	1.08214	1.08214	0.0649945	0.518364	-1.93016	0.963864	0.418216	1.39292	0.0693391	0.962255	1.023779	0.641926	0.970799	0.993726	1.00631	0.000840653	0.421642	-2.37168	0.64575	0.98284	1.08284	0.0487912	0.679115	1.47243	3.84519	1.80442	0.416203	1			
cg01907004	SPN;L3;SPPL3	0.0013595	0.22991	1.31908	1.31908	0.0172113	1.09811	1.098111	0.992251	1.00214	1.00214	0.417485	1.1998	1.1998	0.101007	0.673785	-1.48415	0.775995	0.939209	-1.06473	0.1384	0.717871	-1.39301	1.72E-05	0.144058	-6.94163	0.382526	1.2176	1.2176	10.7798	8.25155	0.68041	1
cg19889780	SPR	0.0101091	0.0147444	1.63165	1.63165	0.0158887	0.42627	-2.03437	0.0134172	0.24672	-4.0537	0.0044753	0.483101	-2.06967	0.0044753	0.483101	-2.06967	0.0044753	0.483101	-2.06967	0.0044753	0.483101	-2.06967	0.0044753	0.483101	-2.06967	0.0044753	0.483101	-2.06967	0.0044753	0.483101	-2.06967	0.0044753	1
cg09169255	SPR	0.0262778	0.950902	1.04698	1.04698	0.1030359	0.115952	-6.4147	0.0496075	0.188228	-5.31272	0.0036796	0.0535353	-18.6792	0.0067229	0.0727713	-13.7417	0.169627	-3.16327	2.76528	?	?	?	0.117446	0.281443	-3.55312	0.222598	0.384572	0.560259	4.35613	34.0918	7.82616	1
cg09030762	SPR	0.0466184	0.607977	0.904996	-1.10498	0.0494503	1.54118	1.54118	0.722678	1.07117	1.07117	0.0913975	0.698606	-1.43142	0.26489	1.2513	1.2513	0.16682	1.32893	1.32893	0.0954994	0.529969	-1.8869	0.128756	0.728195	-1.37265	0.3130335	0.81764	-1.22303	3.47908	2.05111	0.524049	1
cg01002074	SPRED1	0.0417347	0.1897464	1.40146	1.40146	0.0156134	0.254364	-1.71634	0.0334709544	0.484198	-2.06486	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	1
cg01776903	SPRED1	0.0022422	0.613625	0.953015	-1.0493	0.3234576	1.26726	1.26726	0.000321309	1.73285	1.73285	0.340235	0.911281	-1.09736	0.2627	0.895493	1.1167	0.0209824	1.30018	1.30018	0.0020183	1.662516	-1.5094	0.877192	0.985489	-1.01472	0.0933082	1.19064	1.19064	3.92626	3.31957	0.525783	1
cg08096582	SPRED1	0.0115371	0.556799	0.889504	-1.12437	0.0160609	0.558049	-1.35903	0.0578506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	1
cg18594785	SPRED1	0.0324699	0.0306918	0.553356	-1.80715	0.0422179	0.702646	-1.42319	0.0426083	1.42196	1.42196	0.667638	0.924871	-1.08123	0.722362	1.05527	1.05527	0.168352	1.23392	1.23392	0.263015	0.838636	-1.19241	0.350891	0.862502	-1.1558	0.586057	1.08646	1.08646	4.97308	1.43104	0.320164	1
cg03956737	SPRED1	0.0410514	0.553311	1.405	1.405	0.0406	0.606568	-1.01526	0.0377	0.726475	-1.37615	0.0216234	0.564283	-1.81499	0.0216234	0.564283	-1.81499	0.0216234	0.564283	-1.81499	0.0216234	0.564283	-1.81499	0.0216234	0.564283	-1.81499	0.0216234	0.564283	-1.81499	0.0216234	0.564283	-1.81499	0.0216234	1
cg05744027	SPRED2	0.00961077	0.0014928	0.513933	-1.68960	0.0123465	0.699896	-1.42878	0.23845	0.681467	-1.51188	0.237462	1.15229	1.15229	0.0432398	0.5911	-1.69178	0.0569078	0.8783	1.13992	0.0334936	0.7596	-1.31675	0.119085	1.12517	0.167814	0.845036	0.183338	5.98203	2.72476	0.184691	1
cg11674355	SPRED2	0.0109321	0.0187629	0.244188	-4.0952	0.0347517	0.2957	-3.38181	0.338128	1.63042	1.63042	0.144901	0.460662	-2.17079	0.0227916	0.259492	-3.85369	0.343001	0.616539	-1.62196	0.00436174	0.151777	-6.58862	0.0295503	0.55536	1.55536	0.0286206	0.278498	-3.59069	7.43496	22.2959	3.45033	1
cg06834901	SPRED2	0.0782107	0.7861	0.907555	-1.10218	0.0201011	0.760995	-1.40866	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	1
cg06395028	SPRED2	0.0175784	0.71951	1.15403	1.15403	0.0927544	0.08517	-2.08517	0.162847	1.79202	1.79202	0.00411148	0.4143	4.6143	0.012863	0.293133	3.41143	0.045561	2.48649	2.48649	0.128767	0.520909	-1.91972	0.0868946	2.1194	2.1194	0.516419	1.29871	1.29871	5.0967	12.7399	2.22189	1
cg16203397	SPRED2	0.0316698	0.423299	1.27152	1.27152	0.0764	0.126684	-2.12684	0.0	0.0	0.0	0.0592149	0.53493	-1.86894	0.00245418	0.29008	-3.44753	0.50943	0.821548	-1.21732	0.9302097	0.997095	-1.00291	0.108697	1.67178	1.67178	0.7899128	0.624048	-1.08191	3.86223	4.02016	1.12452	1
cg09312406	SPRED2	0.0747599	0.09688	0.6	-1.66667	0.2475033	0.887257	-1.12707	0.0975174	0.835365	-1.19708	0.0455722	0.745628	-1.34115	0.0155572	0.745628	-1.34115	0.0464406	0.688967	-1.45145	0.2025915	0.714851	-1.40005	1.10816	1.10816	0.117784	0.902882	-1.10756	3.58719	0.556086	0.1137795	1
cg24872815	SPRED2	0.045352	0.025474	0.332705	-3.00566	0.472585	1.35367	1.35367	0.64731	1.21364	1.21364	0.719322	0.861074	-1.16134	0.00576023	0.223174	-4.48081	0.360374	0.680521	-1.46946	0.7107049	0.434538	-2.3013	0.30861	1.75059	1.75059	0.0957105	0.468368	-2.13507	3.51525	9.56461	2.41857	1
cg08651590	SPRED2;SPRED2	4.56E-05	0.10977	1.46307	1.46307	0.0124425	0.563842	-1.77386	0.018474	0.69931	-1.42991	0.0035209	0.447509	-2.23466	0.0035209	0.447509	-2.23466	0.0035209	0.447509	-2.23466	0.0035209	0.447509	-2.23466	0.0035209	0.447509	-2.23466	0.0035209	0.447509	-2.23466	0.0035209	0.447509	-2.23466	0.0035209	1
cg26376241	SPRED2;SPRED2	0.0067049	0.0027371	0.121041	-8.26163	0.0969086	0.406021	-2.46293	0.0479788	0.326841	-3.05959	0.0146093	0.225935	-4.42605	0.0281535	0.277368	-3.60532	0.173889	0.488887	-2.04546	0.00049656	0.0674682	-14.8218	0.87392	1.08172	1.08172	0.025464	0.268876	-3.71919	6.7044	25.9822	3.4448	1
cg22378079	SPRED2;SPRED2	0.0128056	0.3529	0.604946	-1.65304	0.106602	0.383096	-2.6422	0.109152	0.384537	-2.60053	0.0031295	0.0732367	-13.6544	?	?	-4.529	0.0889044	0.44808	-2.2317	0.0034222	0.242815	-4.11653	0.0892894	0.412122	0.0578707	-17.2799	0.0355557	0.245096	-4.08011	8.59317	24.6146	2.15031	1
cg08444016	SPRED2;SPRED2	0.0210989	0.0281332	0.845991	-1.18205	0.631499	1.03166	1.03166	0.994777	0.999578	-1.00042	0.016427	0.827679	-1.2082	0.0453347	0.50586	1.97596	0.0159008	0.7529766	1.32798	0.0139085	1.12517	1.12517	0.167814	0.845036	0.183338	5.98203	2.72476	0.184691	1			
cg16682146	SPRED2;SPRED2	0.0112068	0.0546756	0.729215	-1.37134	0.0432116	0.71394	-1.40068	0.268429	0.846192	-1.18176	0.140568	0.794787	-1.2582	0.0614671	1.35696	1.35696	0.343001	0.616539	-1.62196	0.00436174	0.151777	-6.58862	0.0295503	0.55536	1.55536	0.0286206	0.278498	-3.59069	7.43496	22.2959	3.45033	1
cg09980268	SPRED2;SPRED2	0.0147806	0.3657911	1.25	1.25	0.0129201	0.709855	-1.41066	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	0.59852	-1.67068	0.0178506	1
cg07751245	SPRED2;SPRED2;SPRED2	0.0157296	0.0072197	0.931362	-10.737	0.898947	0.916691	-1.09088	0.0826918	0.268273	-3.72758	0.0292732	0.172344	-5.80236	0.0748544	0.257076	-3.8899	0.163057	0.360823	-2.77144	0.00101769	0.0355782	-28.1071	0.435219	0.579803	-1.72472	0.0169446	0.136145	-7.34509	5.0998	37.8609	6.5991	1
cg14239515	SPRED3	0.0102477	0.0139	0.5	-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0027737	0.1473	6.7911	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg07733219	SPRED3	0.0016879	0.0152375	3.15161	3.15161	0.0219085	2.88406	2.88406	0.819318	1.09213	1.09213	0.226306	1.63127	1.63127	0.004471	4.30718	4.30718	0.007611	1.75053	3.75053	6.35E-05	17.0201	17.0201	0.00191703	5.4319	5.4319	0.173091	1.74788	1.74788	0.10621	23.8789	2.20871	1
cg08704562	SPRED3	0.0042189	0.0124597	2.16853	2.16853	0.0120387	2.18055	2.18055	0.411486	1.23251	1.23251	0.591672	1.1443	1.1443	0.0923015	1.58603	1.58603	0.0048432	2.53478	2.53478	0.0081779	4.80068	4.80068	0.0447005	1.77428	1.77428	0.460336	0.829345	-1.20577	7.72721	7.58395	0.8724091	1
cg12

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20044189	SPRY4;SPRY4;SPRY4;SPRY4	0.00375285	0.00497098	0.707756	-1.41292	0.535898	0.943396	-1.06	0.884954	1.01355	1.01355	0.916553	0.990305	-1.00979	0.0013841	0.64987	-1.53877
cg21845580	SPRYD3	0.00430596	0.372561	1.10635	1.10635	0.668618	1.04869	1.04869	0.0726784	1.24742	1.24742	0.709462	1.04218	1.04218	0.817434	0.974795	-1.02586
cg10911340	SPRYD3	0.0098726	0.461196	0.891123	-1.12218	0.0024389	0.523013	-1.912	0.00775723	1.69114	1.69114	0.00977396	0.605304	-1.65206	0.760527	1.04809	1.04809
cg05380522	SPRYD3	0.0222817	0.00130342	0.377592	-2.64836	0.300728	1.24989	1.24989	0.829786	0.956206	-1.0458	0.943106	1.01496	1.01496	0.764714	0.939473	-1.06443
cg27448161	SPRYD3	0.032946	0.681234	0.914322	-1.09371	0.0383278	1.68289	1.68289	0.0118506	1.97652	1.97652	0.0146923	1.91811	1.91811	0.31693	0.799025	-1.25152
cg02399716	SPRYD3	0.044332	0.269295	0.859323	-1.16371	0.0425859	1.36027	1.36027	0.303161	0.868875	-1.15091	0.295123	0.866679	-1.15383	0.0850738	1.28521	1.28521
cg03326792	SPRYD4	0.000925435	0.000629946	0.372624	-2.68367	0.0120487	0.55529	-1.80086	0.091917	0.705678	-1.41708	0.00271197	0.459247	-2.17748	0.000197361	0.308706	-3.23933
cg12879164	SPRYD4	0.00376405	0.0864038	1.34911	1.34911	0.645519	0.929398	-1.07597	0.567065	1.09577	1.09577	0.123657	0.768279	-1.30161	0.362746	1.15936	1.15936
cg22871548	SPRYD4	0.0117257	0.0643822	1.47641	1.47641	0.275311	1.23714	1.23714	0.130577	1.35815	1.35815	0.44317	0.863641	-1.15789	0.0431322	0.646441	-1.54693
cg02511531	SPRYD5	0.000179967	0.000212345	0.209189	-4.78036	0.00218102	0.337326	-2.96449	0.00202644	0.33278	-3.00499	0.000207162	0.208005	-4.80758	0.985255	1.00468	1.00468
cg07200877	SPRYD5	0.00552946	0.0243795	0.490853	-2.03727	?	?	?	0.00530436	0.377314	-2.65031	0.0793699	0.596553	-1.6763	0.0097532	0.420204	-2.3798
cg04962134	SPRYD5	0.0141468	0.0243947	0.364916	-2.74036	0.00169183	0.185266	-5.39764	0.0794916	0.481159	-2.07832	0.291812	0.662932	-1.50845	0.00905571	0.287454	-3.47882
cg09468328	SPSB1	0.000191365	0.00985348	0.688535	-1.45236	0.267173	1.1414	1.1414	0.201522	0.857002	-1.16686	0.189412	0.852957	-1.17239	0.000163818	0.47929	-2.08642
cg06349050	SPSB1	0.000901722	0.0163147	0.452153	-2.21164	0.952873	0.984152	-1.0161	0.0615216	0.565922	-1.76703	0.749352	0.917007	-1.0905	1.64E-05	0.0909291	-10.9976
cg22493877	SPSB1	0.000997879	0.021187	0.697462	-1.43377	0.00423157	0.607799	-1.64528	0.0123354	0.666872	-1.49954	0.557149	0.925699	-1.08026	0.000229718	0.451338	-2.21564
cg06943197	SPSB1	0.00133479	0.359624	0.831239	-1.20302	0.00423019	0.471656	-2.12019	0.32799	0.820251	-1.21914	0.33946	0.824308	-1.21314	2.73E-05	0.19723	-5.07023
cg07835682	SPSB1	0.00162916	0.869828	0.981094	-1.01927	0.225633	0.862351	-1.15962	0.0167186	1.40488	1.40488	0.30082	1.13289	1.13289	4.53E-05	0.407421	-2.45447
cg20973421	SPSB1	0.00631285	0.0994544	1.27645	1.27645	0.024423	1.43685	1.43685	0.155864	1.2278	1.2278	0.283783	1.16243	1.16243	0.0097994	1.55484	1.55484
cg19820919	SPSB1	0.00879263	0.0689005	0.420382	-2.37879	0.220554	0.57795	-1.73025	0.156238	0.524312	-1.90726	0.448996	0.720052	-1.38879	0.000629159	0.106761	-9.36675
cg22711777	SPSB1	0.00958616	0.193968	1.20024	1.20024	0.00154464	0.546177	-1.83091	0.022238	0.694914	-1.43903	0.10922	0.792974	-1.26108	0.595785	1.07369	1.07369
cg19809157	SPSB1	0.0223748	0.113132	0.549508	-1.81981	0.0129015	0.342346	-2.92102	0.0942851	0.527959	-1.89409	0.174459	0.605556	-1.65137	0.00129083	0.196239	-5.09582
cg10709351	SPSB1	0.0237406	0.213597	0.806119	-1.24051	0.000686849	2.34705	2.34705	0.0307838	1.5181	1.5181	0.88166	1.02482	1.02482	0.488673	0.890687	-1.12273
cg11518950	SPSB1	0.0251878	0.124541	0.796843	-1.25495	0.0185756	0.677222	-1.47662	0.0377279	0.719565	-1.38973	0.0266552	0.698583	-1.43147	0.165426	0.817069	-1.22389
cg17489312	SPSB1	0.0266495	0.0454607	0.412891	-2.42195	0.0535867	0.429472	-2.32844	0.123337	0.525396	-1.90333	0.305567	0.66428	-1.50539	0.00951582	0.281825	-3.5483
cg03116948	SPSB1	0.0427322	0.0448562	0.337021	-2.96718	0.503759	0.72579	-1.37781	0.205349	0.531977	-1.87978	0.852532	0.915852	-1.09188	0.00524152	0.175612	-5.69437
cg12221621	SPSB1	0.0467199	0.0287491	0.201403	-4.96516	0.21237	0.442185	-2.26149	0.259172	0.481273	-2.07782	0.829987	0.874953	-1.14292	0.0115944	0.14077	-7.10381
cg06138568	SPSB2;SPSB2	0.00288451	0.00750768	0.603096	-1.65811	0.00458317	1.74134	1.74134	0.00393212	1.76864	1.76864	0.294783	0.852415	-1.17314	0.478927	0.89962	-1.11158
cg16637873	SPSB2;SPSB2	0.00978432	0.18707	0.645245	-1.5498	0.808826	1.0789	1.0789	0.469011	0.793888	-1.25962	0.000453689	0.177052	-5.64805	0.0207493	0.417995	-2.39237
cg20644120	SPSB2;SPSB2	0.0193859	0.173308	1.53179	1.53179	0.68779	0.890071	-1.12351	0.394391	0.776334	-1.28811	0.486476	1.22706	1.22706	0.012272	0.376775	-2.6541
cg02459936	SPSB3	0.00697724	0.347818	0.813613	-1.22909	0.301212	0.795664	-1.25681	0.305467	0.797373	-1.25412	0.620932	0.899088	-1.11224	0.0048126	0.450122	-2.22162
cg01676844	SPSB3	0.0167942	0.483173	0.75669	-1.32155	0.0123614	3.38199	3.38199	0.0498721	2.39893	2.39893	0.629585	0.826853	-1.2094	0.0462258	0.409235	-2.44358
cg08626138	SPSB3	0.0474329	0.113786	1.6389	1.6389	0.00418715	3.00892	3.00892	0.084279	1.73046	1.73046	0.999387	1.00022	1.00022	0.956016	1.01596	1.01596
cg07610776	SPSB3;NUBP2	0.00127172	0.00445962	0.671572	-1.48904	0.319576	1.11401	1.11401	0.168258	1.16663	1.16663	0.695048	1.04222	1.04222	0.964532	1.00468	1.00468
cg00251271	SPSB3;NUBP2	0.0109534	0.0502383	0.73804	-1.35494	0.0533048	1.34817	1.34817	0.38875	1.12773	1.12773	0.248714	0.848673	-1.17831	0.00475784	0.60042	-1.6655
cg24709681	SPSB4	0.000950308	0.0067046	0.495012	-2.02015	0.00137128	2.53092	2.53092	0.0384258	0.618999	-1.61551	0.000456724	0.331573	-3.01592	0.301588	1.23865	1.23865
cg21924070	SPSB4	0.00144908	0.770792	0.942764	-1.06071	0.337147	1.22097	1.22097	0.0820496	0.677927	-1.47508	0.349548	0.823425	-1.21444	9.74E-05	0.247225	-4.0449
cg23332582	SPSB4	0.00245332	0.91016	0.981074	-1.01929	0.303914	1.19751	1.19751	0.381496	1.16409	1.16409	0.600385	0.914412	-1.0936	0.0122782	0.589812	-1.69546
cg23339720	SPSB4	0.00392292	0.94352	1.02129	1.02129	0.000540352	0.202023	-4.94993	0.0212262	0.438948	-2.27817	0.0656943	1.84778	1.84778	0.18529	0.658637	-1.51829
cg18403551	SPSB4	0.00541551	8.39E-05	0.0238352	-41.9548	0.820579	0.886938	-1.12747	0.967854	1.02151	1.02151	0.0355	0.274487	-3.64316	0.403649	0.636767	-1.57043
cg01138098	SPSB4	0.006828	0.0129285	0.368936	-2.71049	0.00435528	0.291998	-3.42468	0.0203625	0.40513	-2.46834	0.142294	0.600652	-1.66486	0.00320711	0.272538	-3.66921
cg11235498	SPSB4	0.00698948	0.668117	1.06925	1.06925	0.986806	1.00257	1.00257	0.017258	1.56882	1.56882	0.0171095	1.57016	1.57016	0.201004	1.23325	1.23325
cg20692597	SPSB4	0.00793587	0.307591	0.881164	-1.13486	0.174139	0.840987	-1.18908	0.138413	0.826063	-1.21056	0.91117	0.986721	-1.01346	0.573015	1.0706	1.0706
cg07852840	SPSB4	0.00928511	0.588075	0.850588	-1.17566	0.00282983	0.29621	-3.37599	0.276572	0.715408	-1.3978	0.0436305	1.98665	1.98665	0.0822553	0.565705	-1.76771
cg04877144	SPSB4	0.0182177	0.0310817	0.280629	-3.56342	0.00120508	0.0924492	-10.8168	0.167812	0.477996	-2.09207	0.224085	0.526608	-1.89895	0.0147956	0.221824	-4.50807
cg24072474	SPSB4	0.025229	0.0137981	0.218221	-4.58251	0.871249	0.922083	-1.0845	0.496588	1.41231	1.41231	0.019796	0.244811	-4.08478	0.19555	0.504286	-1.983
cg01689354	SPSB4	0.0276652	0.119162	0.783348	-1.27657	0.0673128	1.3445	1.3445	0.247912	0.839954	-1.19054	0.227431	0.832813	-1.20075	0.062721	0.739063	-1.35306
cg05994690	SPSB4	0.0318692	0.106918	0.771535	-1.29612	0.421188	1.12873	1.12873	0.534728	1.09708	1.09708	0.260637	0.841223	-1.18875	0.84986	0.972459	-1.02832
cg15856626	SPSB4	0.0434396	0.0559996	0.428331	-2.33464	0.00191025	0.178738	-5.59479	0.028161	0.362276	-2.76033	0.977381	0.988957	-1.01117	0.0984191	0.491707	-2.03373
cg26784596	SPSB4	0.0475379	0.314206	0.894023	-1.11854	0.498439	0.928703	-1.07677	0.00157368	1.63008	1.63008	0.424321	0.915925	-1.09179	0.916318	0.988752	-1.01138
cg23054394	SPSB4	0.0485054	0.473811	0.779508	-1.28286	0.00944729	3.07936	3.07936	0.106565	1.82673	1.82673	0.825311	0.927201	-1.07852	0.0887681	0.526286	-1.90011
cg13874817	SPSB4;SPSB4	0.00197794	0.695	1.04657	1.04657	0.0155264	1.42474	1.42474	0.504067	0.924568	-1.08159	0.0161745	0.704178	-1.4201	0.00284471	0.606733	-1.64817
cg22730004	SPTA1	2.02E-05	4.60E-06	0.0538984	-18.5534	0.0494556	0.53651	-1.8639	0.00014173	0.161507	-6.1917	0.000103444	0.148453	-6.73614	0.0106068	0.409585	-2.44149
cg07048608	SPTA1	0.00027297	0.000182096	0.0610974	-16.3673	0.00745399	0.218358	-4.57963	0.0135239	0.259292	-3.85665	0.00617907	0.206593	-4.84044	0.00533465	0.197725	-5.05754
cg16010717	SPTA1	0.017173	0.00259631	0.0644406	-15.5182	0.426376	0.586452	-1.70517	0.0240957	0.170755	-5.85635	0.303892	0.496749	-2.01309	0.00914969	0.113593	-8.80339
cg21193071	SPTAN1;SPTAN1	0.00170654	0.759546	0.962179	-1.03931	0.116843	1.23858	1.23858	0.0322739	0.729882	-1.37008	0.174585	1.19884	1.19884	0.231296	0.854118	-1.1708
cg13508904	SPTAN1;SPTAN1	0.00234801	0.76011	1.08176	1.08176	0.000601965	0.2572	-3.88802	0.361695	0.786149	-1.27202	0.0107474	0.439322	-2.27623	0.00417628	0.373442	-2.67779
cg01673865	SPTB	0.00108522	0.0491872	1.46054	1.46054	0.471636	1.13149	1.13149	0.504435	0.892004	-1.12107	0.0532061	1.44857	1.44857	4.04E-05	0.26646	-3.7529
cg16480199	SPTB	0.00295399	0.19821	0.695911	-1.43697	0.407898	1.25318	1.25318	0.877281	0.959641	-1.04206	0.0794926	1.68022	1.68022	0.000252578	0.200207	-4.99483
cg09841788	SPTB	0.00333821	0.212912	1.3625	1.3625	0.0192377	1.94986	1.94986	0.203729	1.37206	1.37206	0.904465	0.972085	-1.02872	0.00828008	0.451098	-2.21681
cg12517796	SPTB	0.0158277	0.624722	1.07546	1.07546	0.517051	1.10179	1.10179	0.0671395	0.738763	-1.35361	0.685771	0.941744	-1.06186	0.0593738	1.36898	1.36898
cg13688202	SPTB	0.0249394	0.628443	1.19073	1.19073	0.000622624	6.58259	6.58259	0.0531942	2.19541	2.19541	0.308401	0.685632	-1.45851	0.171385	1.68424	1.68424
cg16746355	SPTB	0.0309338	0.011122	0.210217	-4.75698	0.166236	0.485125	-2.06132	0.647385	0.797992	-1.25314	0.459441	0.691373	-1.4464	0.0149093	0.230596	-4.33659
cg26235434	SPTB	0.0454879	0.714346	0.932269	-1.07265	0.0179396	1.73104	1.73104	0.215065	1.2827	1.2827	0.108805	0.716292	-1.39608	0.137487	0.737006	-1.35684
cg15859416	SPTB;SPTB	0.000199004	0.602148	1.10032	1.10032	0.535478	1.12082	1.12082	6.20E-06	0.159284	-6.2781	0.646615	1.08752	1.08752	0.215336	0.78896	-1.26749
cg12874204	SPTB;SPTB	0.00215443	0.0206741	0.661455	-1.51182	0.000998433	2.06465	2.06465	0.0359153	1.43623	1.43623	0.193196	1.2266	1.2266	0.0484274	0.715715	-1.3972
cg00114569	SPTB;SPTB	0.00218252	0.0635102	0.430681	-2.3219	0.000405104	9.67663	9.67663	0.134887	1.917	1.917	0.297867	1.54604	1.54604	0.00191024	0.169505	-5.89954
cg19740240	SPTB;SPTB	0.0148603	0.217474	0.73006	-1.36975	0.225388	1.36172	1.36172	0.771889	1.07303	1.07303	0.179183	0.707503	-1.41342	0.000378345	0.252245	-3.96441
cg05940425	SPTB;SPTB	0.0227388	0.0538136	0.712585	-1.40334	0.027571	1.4967	1.4967	0.162426	0.793877	-1.25964	0.973016	0.994779	-1.00525	0.257391	1.20073	1.20073
cg25083366	SPTB;SPTB	0.0357708	0.189383	0.344262	-2.90476	0.0635007	4.95527	4.95527	0.849899	1.15641	1.15641	0.92849	1.07128	1.07128	0.00699486	0.0688752	-14.519
cg09399386	SPTB;SPTB	0.0417512	0.977086	0.984728	-1.01551	0.00286427	9.01182	9.01182	0.0238974	4.23857	4.23857	0.85951	0.909432	-1.09959	0.220087	0.501114	-1.99556
cg12509524	SPTBN1	7.15E-05	0.175315	0.836866	-1.19493	5.24E-06	3.58613	3.58613	0.0267452	1.38307	1.38307	0.0362216	1.3511	1.3511	0.305062	1.14023	1.14023
cg22310507	SPTBN1	0.00503322	0.010696	0.521272	-1.91838	0.00360876	0.449314	-2.22562	0.0145816	0.542877	-1.84204	0.0407629	0.619024	-1.61545	0.991224	1.00224	1.00224
cg11007406	SPTBN1	0.00711402	0.121987	1.20144	1.20144	0.783966	1.03054	1.03054	0.000294153	1.90742	1.90742	0.446726	1.08862	1.08862	0.765498	1.03329	1.03329
cg26097391	SPTBN1	0.0277526	0.0235929	0.153504	-6.51451	0.106979	0.295256	-3.38689	0.0456261	0.204157	-4.89818	0.252478	0.43663	-2.29027	0.00907642	0.100403	-9.95983
cg27025722	SPTBN1	0.0374337	0.0114206	0.431865	-2.31554	0.762527	0.922768	-1.0837	0.21779	0.709024	-1.41039	0.225488	0.71347	-1.4016	0.0222175	0.483358	-2.06886
cg02513485	SPTBN1	0.0403652	0.810633	0.950485	-1.05209	0.298063	0.795963	-1.25634	0.17457	0.736746	-1.35732	0.197053	1.33444	1.33444	0.829359	0.955365	-1.04672
cg26456257	SPTBN1	0.0419489	0.331967	0.851581	-1.17429	0.00629701	1.77037	1.77037	0.108779	1.32414	1.32414	0.0849549	1.35766	1.35766	0.111709	1.32056	1.32056
cg01286930	SPTBN1	0.0459521	0.138566	0.506809	-1.97313	0.869535	0.932334	-1.07258	0.179343	0.544474	-1.83664	0.911031	0.953475	-1.04879	0.107575	0.473062	-2.11389
cg04072768	SPTBN1;SPTBN1	0.0042747	0.957887	1.00289	1.00289	0.0440648	1.1349	1.1349	0.718888	1.01997	1.01997	0.0382212	0.876883	-1.1404	0.0808518	0.899524	-1.1117
cg02158822	SPTBN1;SPTBN1	0.0067081	0.169631	0.681931	-1.46642	0.0118657	2.27486	2.27486	0.00611134	2.55084	2.55084	0.514728	1.18872	1.18872	0.00263865	0.336568	-2.97117
cg04089644	SPTBN1;SPTBN1	0.0101458	0.0833557	0.667486	-1.49816	0.371352	1.21358	1.21358	0.701917	1.08448	1.08448	0.0693779	0.651541	-1.53482	0.179287	1.351	1.351
cg08981537	SPTBN1;SPTBN1	0.0203294	0.380506	1.31978	1.31978	0.010245	2.71356	2.71356	0.00908115	2.78042	2.78042	0.00532377	3.1037	3.1037	0.447795	1.26951	1.26951
cg15602548	SPTBN1;SPTBN1	0.0234795	0.00452872	0.116539	-8.58083	0.465695	1.52486	1.52486	0.606917	1.34301	1.34301	0.00568022	0.127234	-7.85953	0.439768	1.56484	1.56484
cg10929758	SPTBN1;SPTBN1	0.0280256	0.634979	1.16854	1.16854	0.945063	0.977806	-1.0227	0.924877	0.969751	-1.03119	0.379986	1.34085	1.34085	0.0699628	0.516906	-1.93459
cg01766943	SPTBN1;SPTBN1	0.032339	0.57317	1.33015	1.33015	0.0010543	11.3373	11.3373	0.0104667	5.02739	5.02739	0.531227	1.37417	1.37417	0.620989	0.778974	-1.28374
cg15958839	SPTBN1;SPTBN1	0.03698	0.460989	1.29979	1.29979	0.00241118	4.37741	4.37741	0.539034	1.24268	1.24268	0.57106	1.2214	1.2214	0.038333	0.43237	-2.31284
cg02463166	SPTBN1;SPTBN1	0.0404533	0.149068	1.21758	1.21758	0.369199	0.889284	-1.1245	0.503657	1.09018	1.09018	0.563182	1.0772	1.0772	0.0175711	1.44429	1.44429
cg12949431	SPTBN1;SPTBN1	0.0482788	0.296862	0.781341	-1.27985	0.717857	0.920554	-1.0863	0.157157	0.708111	-1.41221	0.172812	1.39232	1.39232	0.0118531	2.04772	2.04772
cg01980810	SPTBN2	0.000438811	0.116934	1.34803	1.34803	0.0202091	1.63412	1.63412	0.357232	1.1806	1.1806	0.329341	0.838183	-1.19306	0.000136035	0.314163	-3.18306
cg23344241	SPTBN2	0.000511956	0.0512812	1.37785	1.37785	0.06638	0.74278	-1.34629	0.244415	0.838727	-1.19228	0.331532	0.865291	-1.15568	1.66E-05	0.278293	-3.59333
cg22707381	SPTBN2	0.000623742	0.875545	0.95383	-1.0484	0.0277992	0.456458	-2.19078	0.723553	1.11306	1.11306	0.715209	0.895371	-1.11685	8.08E-05	0.117032	-8.54464
cg26536672	SPTBN2	0.000852442	2.65E-05	0.277025	-3.60978	0.0051017	1.77161	1.77161	0.193115	1.23716	1.23716	0.738461	0.949536	-1.05315	0.501498	1.11117	1.11117
cg04985144	SPTBN2	0.00367428	0.0254909	1.756	1.756	0.00132903	2.69099	2.69099	0.230967	0.766049	-1.3054	0.128575	1.41677	1.41677	0.00150424	0.379059	-2.63812
cg14966716	SPTBN2	0.00504455	0.0184761	0.680259	-1.47003	0.137654	0.806089	-1.24056	0.510195	1.09425	1.09425	0.397941	0.889856	-1.12378	0.0145174	0.666314	-1.50079
cg21196659	SPTBN2	0.00524377	0.120781	0.569892	-1.75472	0.844917	0.936647	-1.06764	0.088421	0.533541	-1.87427	0.796085	0.917094	-1.0904	0.000154942	0.114673	-8.72044
cg16588880	SPTBN2	0.00723902	0.00597059	0.650711	-1.53678	0.348028	0.890915	-1.12244	0.641698	1.05762	1.05762	0.719084	1.04413	1.04413	0.246987	0.865266	-1.15571
cg15762348	SPTBN2	0.0110262	0.770638	0.891632	-1.12154	0.00414104	4.51908	4.51908	0.0529441	2.3703	2.3703	0.687862	1.17171	1.17171	0.00132879	0.160199	-6.24225
cg26203563	SPTBN2	0.0121688	0.231476	0.697035	-1.43465	0.248026	1.41522	1.41522	0.025156	0.464963	-2.15071	0.392416	1.28655	1.28655	0.000785751	0.232282	-4.30511
cg15516191	SPTBN2	0.0140679	0.126004	1.16696	1.16696	0.324114	1.09963	1.09963	0.0141721	1.32614	1.32614	0.473439	1.07037	1.07037	0.00423291	0.699693	-1.4292
cg23646541	SPTBN2	0.0183948	0.00228611	2.04964	2.04964	0.33221	1.18333	1.18333	0.181416	0.787625	-1.26964	0.906358	0.980393	-1.02	0.103733	1.34904	1.34904
cg00874225	SPTBN2	0.0256297	0.191151	0.74297	-1.34595	0.194579	0.74486	-1.34253	0.03866	0.598053	-1.67209	0.835676	0.956393	-1.0456	0.00139295	0.370001	-2.70269
cg25126321	SPTBN2	0.0286794	0.751796	0.947427	-1.05549	0.00203448	2.0967	2.0967	0.142576	0.764707	-1.30769	0.997097	1.00062	1.00062	0.634246	1.085	1.085
cg09029541	SPTBN2	0.0309341	0.0711771	0.551253	-1.81405	0.753733	0.911196	-1.09746	0.0058099	0.343858	-2.90818	0.0541852	0.524295	-1.90732	0.0113364	0.391849	-2.552
cg23149790	SPTBN2	0.0312127	0.101017	0.50021	-1.99916	0.0587102	0.438838	-2.27875	0.158027	0.558682	-1.78993	0.00506713	0.239482	-4.17568	0.0184755	0.33214	-3.01077
cg19980431	SPTBN2	0.0375603	0.133399	0.682672	-1.46483	0.71921	0.918396	-1.08886	0.910339	1.02692	1.02692	0.833984	0.951716	-1.05073	0.00169948	0.347511	-2.8776
cg11740872	SPTBN2	0.0461169	0.00501031	0.324251	-3.08403	0.344803	0.744432	-1.34331	0.00901137	0.365284	-2.73759	0.111359	0.59096	-1.69216	0.0520599	0.511553	-1.95483
cg26714915	SPTBN4	1.54E-05	0.0607255	0.731752	-1.36658	0.000186063	0.393735	-2.53978	0.072458	0.743738	-1.34456	0.634212	0.931645	-1.07337	0.274948	1.18268	1.18268
cg26568402	SPTBN4	0.000236871	0.188236	0.709721	-1.409	0.00508382	0.402232	-2.48612	0.00181072	0.335946	-2.97667	9.16E-05	0.179323	-5.57653	2.46E-05	0.12697	-7.8759
cg19396878	SPTBN4	0.000391202	0.52433	0.88618	-1.12844	0.663447	0.921273	-1.08545	0.0472481	1.52983	1.52983	0.0024851	2.19771	2.19771	0.0305236	0.621228	-1.60971
cg23026246	SPTBN4	0.000539887	0.551735	1.10496	1.10496	6.81E-05	3.34625	3.34625	0.356265	1.17033	1.17033	0.730554	0.944305	-1.05898	0.0920464	0.735344	-1.35991
cg05764628	SPTBN4	0.00181452	0.0702938	1.64652	1.64652	0.0408841	1.78903	1.78903	0.212597	1.38204	1.38204	0.345709	1.27042	1.27042	0.00494279	2.50294	2.50294
cg10693058	SPTBN4	0.00223508	0.424186	1.19817	1.19817	0.109224	1.47237	1.47237	0.223827	1.32721	1.32721	0.792081	1.06027	1.06027	0.0594802	1.60191	1.60191
cg25237016	SPTBN4	0.00255617	0.260788	1.23178	1.23178	0.109268	1.36394	1.36394	0.240137	1.24433	1.24433	0.684144	0.929884	-1.0754	0.0165195	1.68291	1.68291
cg21300460	SPTBN4	0.00264177	0.00330314	0.270011	-3.70355	0.0242712	0.415372	-2.40748	0.00333293	0.27057	-3.69591	0.00344059	0.272554	-3.669	0.000314154	0.147954	-6.75887
cg17119849	SPTBN4	0.00450546	0.028361	2.31921	2.31921	0.00060101	5.58717	5.58717	0.322699	1.39383	1.39383	0.425767	1.30261	1.30261	0.953562	0.981248	-1.01911
cg17768491	SPTBN4	0.00504666	0.0627517	2.25407	2.25407	0.00278853	4.95256	4.95256	0.103487	1.99603	1.99603	0.903076	1.04842	1.04842	0.00865802	3.66554	3.66554
cg13350768	SPTBN4	0.00659957	0.0020605	0.347217	-2.88005	0.223547	1.36568	1.36568	0.0864765	0.630328	-1.58648	0.377368	0.801919	-1.24701	0.00433985	0.394968	-2.53185
cg01049674	SPTBN4	0.00747263	0.0029822	0.22091	-4.52673	0.930964	0.968396	-1.03263	0.825557	1.08525	1.08525	0.0766085	0.481921	-2.07503	0.002698	0.215145	-4.64804
cg26556385	SPTBN4	0.013436	0.0776577	1.92162	1.92162	0.0298933	2.34196	2.34196	0.0547822	2.06583	2.06583	0.922439	1.03297	1.03297	0.019808	2.55248	2.55248
cg12248614	SPTBN4	0.0169413	0.0792704	3.03101	3.03101	0.00799314	6.9232	6.9232	0.0515396	3.5305	3.5305	0.443381	1.56019	1.56019	0.0295803	4.29739	4.29739
cg08871964	SPTBN4	0.0184881	0.0943443	2.43222	2.43222	0.047647	2.9882	2.9882	0.0292386	3.46088	3.46088	0.545449	1.3441	1.3441	0.0405506	3.1364	3.1364
cg07515422	SPTBN4	0.0245065	0.0175192	6.43282	6.43282	0.00423031	11.7682	11.7682	0.0504127	4.20243	4.20243	0.339932	0.53089	-1.88363	0.781886	1.19564	1.19564
cg13467096	SPTBN4	0.0255362	0.0691235	0.638125	-1.56709	0.0131832	0.507228	-1.9715	0.129328	0.696283	-1.4362	0.294546	1.27142	1.27142	0.634196	1.11169	1.11169
cg16238903	SPTBN4	0.0256024	0.917947	1.02117	1.02117	0.163101	0.738851	-1.35345	0.00297495	0.436639	-2.29022	0.309006	1.23868	1.23868	0.847036	1.04004	1.04004
cg17654091	SPTBN4	0.0270788	0.0549384	0.516289	-1.9369	0.557124	0.834976	-1.19764	0.0375907	0.480622	-2.08064	0.1751	0.645319	-1.54962	0.010512	0.376106	-2.65883
cg05609536	SPTBN4	0.0318629	0.215443	2.04479	2.04479	0.0015813	12.0453	12.0453	0.212872	2.0539	2.0539	0.313425	1.7718	1.7718	0.342624	0.584854	-1.70983
cg03401297	SPTBN4	0.0484186	0.346521	1.32229	1.32229	0.104658	1.66715	1.66715	0.0282367	2.10977	2.10977	0.385519	0.773847	-1.29224	0.105116	0.600303	-1.66583
cg23031387	SPTBN4	0.0492234	0.468835	1.12551	1.12551	0.136146	0.77288	-1.29386	0.0218234	0.643032	-1.55513	0.699795	1.06413	1.06413	0.612804	1.08532	1.08532
cg07530681	SPTBN4;BLVRB	0.00503637	0.767753	0.850257	-1.17611	0.0243507	4.34869	4.34869	0.167015	2.24108	2.24108	?	?	?	0.314373	0.565571	-1.76812
cg19685976	SPTBN4;BLVRB	0.00814623	0.234559	1.2375	1.2375	0.311212	1.19624	1.19624	0.114884	0.745871	-1.34072	0.020638	0.620817	-1.61078	0.23914	1.2347	1.2347
cg08204131	SPTBN4;BLVRB	0.0262866	0.777964	0.948497	-1.0543	0.148686	1.33606	1.33606	0.0342311	1.58742	1.58742	0.857565	1.03417	1.03417	0.0282487	0.61599	-1.6234
cg05878849	SPTBN4;BLVRB;BLVRB	0.0278313	0.0103608	0.454253	-2.20142	0.203647	1.38804	1.38804	0.178358	1.41828	1.41828	0.0550951	0.58774	-1.70143	?	?	?
cg19258034	SPTBN4;SPTBN4	2.18E-05	0.15176	0.713907	-1.40074	8.72E-05	4.68389	4.68389	1.08E-05	7.83969	7.83969	0.0383261	1.69339	1.69339	0.0404335	0.59486	-1.68107
cg08484671	SPTBN4;SPTBN4	0.000886793	0.0210269	0.400155	-2.49903	0.0237646	2.4363	2.4363	0.000675596	5.55687	5.55687	0.0616001	2.00316	2.00316	0.0558745	0.489322	-2.04364
cg08118159	SPTBN4;SPTBN4	0.00109897	0.021148	0.189125	-5.28752	0.0646401	3.47934	3.47934	0.00121986	17.17	17.17	0.248936	2.0626	2.0626	0.0119075	0.151742	-6.59013
cg27299532	SPTBN4;SPTBN4	0.00202985	0.000258277	0.452639	-2.20926	0.0661732	1.31215	1.31215	0.994357	0.999068	-1.00093	0.168402	1.21346	1.21346	0.0636405	0.759674	-1.31635
cg25665622	SPTBN4;SPTBN4	0.00222262	0.00800376	0.553933	-1.80527	0.103792	1.36232	1.36232	0.880635	0.97422	-1.02646	0.772862	1.05159	1.05159	0.011393	0.576648	-1.73416
cg06054552	SPTBN4;SPTBN4	0.00428499	0.0352425	2.25906	2.25906	0.00309203	3.83958	3.83958	0.0574875	2.04199	2.04199	0.306546	1.42159	1.42159	0.00994432	2.95036	2.95036
cg06930162	SPTBN4;SPTBN4	0.0049301	0.0254678	0.686655	-1.45634	0.00278194	1.79287	1.79287	0.00731003	0.612828	-1.63178	0.702271	1.05588	1.05588	0.121131	0.78824	-1.26865
cg15407819	SPTBN4;SPTBN4	0.00898488	0.846365	1.03632	1.03632	0.0361558	1.56537	1.56537	0.603924	1.10104	1.10104	0.762113	1.05743	1.05743	0.202872	0.78095	-1.28049
cg17795486	SPTBN4;SPTBN4	0.0333035	0.282722	0.872514	-1.14611	0.87611	0.981119	-1.01924	0.182698	0.841333	-1.18859	0.045294	1.32389	1.32389	0.771612	1.0362	1.0362
cg02795700	SPTBN4;SPTBN4	0.0370937	0.241611	1.97041	1.97041	0.974864	0.982836	-1.01746	0.521282	0.699106	-1.4304	0.229575	0.497645	-2.00946	0.815109	0.879196	-1.1374

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20044189	0.344336	0.913436	-1.09477	0.0141105	0.754582	-1.32524	0.0029662	1.46092	1.46092	0.226731	1.12522	1.12522	8.00464	1.09539	0.121639	1
cg21845580	0.0646858	0.795259	-1.25745	8.05E-05	0.455815	-2.19387	0.546975	0.934923	-1.06961	0.902675	1.0136	1.0136	7.67961	1.48246	0.17159	1
cg10911340	0.105379	0.76196	-1.3124	0.625998	0.927305	-1.07839	0.68649	0.939554	-1.06433	0.138595	1.27761	1.27761	5.9349	2.21938	0.332404	1
cg05380522	0.00896523	0.500887	-1.99646	0.550816	1.13377	1.13377	0.243838	1.28872	1.28872	0.890054	1.02919	1.02919	4.53409	3.10715	0.609144	1
cg27448161	0.485852	1.16599	1.16599	0.0556696	0.624856	-1.60037	0.63605	0.901786	-1.10891	0.782943	0.941871	-1.06172	3.95238	2.94387	0.662076	1
cg02399716	0.0869914	0.77952	-1.28284	0.125261	0.803585	-1.24442	0.0269946	1.41216	1.41216	0.302578	0.868717	-1.15112	3.5453	0.975175	0.244499	1
cg03326792	0.67935	1.08122	1.08122	0.00322254	0.469939	-2.12794	0.590383	1.10749	1.10749	0.00115594	0.407818	-2.45207	12.0276	6.72403	0.496934	1
cg12879164	0.380188	0.867363	-1.15292	0.000342944	0.402024	-2.48741	0.0173646	1.58081	1.58081	0.00979839	1.67565	1.67565	7.99748	3.16511	0.35179	1
cg22871548	0.218854	0.784685	-1.2744	0.00219844	0.447098	-2.23664	0.430131	0.859848	-1.163	0.00857623	0.533303	-1.87511	5.61542	3.1266	0.494922	1
cg02511531	0.000846074	0.281302	-3.5549	0.013704	2.16085	2.16085	0.0141935	0.465422	-2.14859	0.000116313	0.181382	-5.51324	18.9039	19.1306	0.899546	1
cg07200877	0.0146405	0.450537	-2.21957	0.00198529	0.313923	-3.18549	?	?	?	0.00665037	0.392896	-2.5452	7.45759	6.46406	0.990602	1
cg04962134	0.0707321	0.468155	-2.13604	0.0247018	0.365994	-2.73228	0.00503023	0.247947	-4.03312	0.113781	0.523793	-1.90915	5.28174	11.8159	1.98855	1
cg09468328	0.0201333	1.37811	1.37811	4.05E-05	0.408068	-2.45057	0.000119886	0.463319	-2.15834	0.0343466	0.753959	-1.32633	18.5923	3.85448	0.184281	1
cg06349050	0.288892	0.74262	-1.34658	0.00227296	0.315409	-3.17048	0.468039	1.22088	1.22088	0.0420895	0.530982	-1.8833	12.1162	14.0193	1.02851	1
cg22493877	0.168183	1.21041	1.21041	0.00040018	0.480782	-2.07994	0.00126052	0.542194	-1.84436	0.775634	0.963525	-1.03786	11.7736	3.15275	0.238027	1
cg06943197	0.282057	1.2453	1.2453	0.0717092	1.48381	1.48381	0.423035	0.851641	-1.1742	0.336801	0.823375	-1.21451	10.8368	6.60979	0.542169	1
cg07835682	0.435624	1.09699	1.09699	0.0402778	1.31751	1.31751	0.564723	1.0701	1.0701	0.410384	0.906672	-1.10293	10.2329	2.1951	0.190679	1
cg20973421	0.216788	1.19204	1.19204	0.000173732	2.36664	2.36664	0.0125687	1.52124	1.52124	0.917413	0.986078	-1.01412	6.83096	1.97655	0.257202	1
cg19820919	0.617463	0.807066	-1.23906	0.0020101	0.156386	-6.39445	0.135594	1.98319	1.98319	0.159122	0.52698	-1.89761	6.15772	17.6726	2.55111	1
cg22711777	0.162517	0.820345	-1.219	0.0811651	1.29277	1.29277	0.436864	1.11109	1.11109	0.033508	1.39081	1.39081	5.99093	1.67367	0.248326	1
cg19809157	0.538222	0.805408	-1.24161	0.304259	0.691109	-1.44695	0.188981	1.62132	1.62132	0.0932677	0.526709	-1.89858	4.5276	8.64649	1.69754	1
cg10709351	0.846314	1.03245	1.03245	0.731564	1.05831	1.05831	0.260842	1.21287	1.21287	0.829039	1.03623	1.03623	4.43605	1.90275	0.38127	1
cg11518950	0.0519835	0.739397	-1.35245	0.0533679	1.34944	1.34944	0.160753	1.22702	1.22702	0.775436	1.03983	1.03983	4.3459	1.28356	0.262534	1
cg17489312	0.254873	1.58149	1.58149	0.0107596	0.290672	-3.4403	0.985938	0.993228	-1.00682	0.012897	0.304118	-3.28819	4.26114	10.0332	2.09296	1
cg03116948	0.633911	0.797219	-1.25436	0.00416189	0.162966	-6.13627	0.96049	0.976871	-1.02368	0.169419	0.500848	-1.99661	3.59419	12.7015	3.14124	1
cg12221621	0.817741	1.1542	1.1542	0.00756368	0.11829	-8.45381	0.315196	1.90637	1.90637	0.235555	0.461958	-2.1647	3.47623	21.2488	5.43341	1
cg06138568	0.374826	0.87471	-1.14324	0.00135974	0.504919	-1.98052	0.615363	1.07729	1.07729	0.47001	1.11406	1.11406	8.65839	2.96158	0.304042	1
cg16637873	?	?	?	?	?	?	0.914074	0.966749	-1.03439	0.282379	1.41905	1.41905	6.22151	7.52289	1.38191	1
cg20644120	0.000954658	0.190264	-5.25587	0.767095	0.918011	-1.08931	0.365951	0.763472	-1.30981	0.127444	0.613824	-1.62913	6.13199	7.65717	0.832484	1
cg02459936	0.0362761	0.59483	-1.68115	0.000682889	0.330462	-3.02607	0.0564209	1.58555	1.58555	0.0132878	0.519613	-1.92451	6.62184	4.77553	0.641048	1
cg01676844	0.0082096	0.266335	-3.75467	0.205261	0.592834	-1.68681	0.0824544	2.12239	2.12239	0.471588	0.750898	-1.33174	4.98975	12.0952	2.15468	1
cg08626138	0.10794	0.604329	-1.65473	0.233586	0.698664	-1.4313	0.579189	1.1745	1.1745	0.342556	0.755196	-1.32416	3.45645	4.5132	1.16065	1
cg07610776	0.551645	1.06526	1.06526	0.147167	1.17737	1.17737	0.278728	1.12549	1.12549	2.78E-05	2.37846	2.37846	10.988	1.91735	0.155106	1
cg00251271	0.897096	1.01776	1.01776	0.00776771	1.59231	1.59231	0.467502	1.10584	1.10584	0.0403226	0.724452	-1.38035	5.74036	1.68367	0.260714	1
cg24709681	0.396856	1.18945	1.18945	0.00241821	0.429678	-2.32733	0.0127208	0.538419	-1.85729	0.335133	0.819745	-1.21989	11.9377	7.56047	0.562958	1
cg21924070	0.277993	1.25559	1.25559	0.0003237	0.309399	-3.23208	0.312111	1.23487	1.23487	0.821186	0.955353	-1.04673	10.5842	6.82342	0.573047	1
cg23332582	0.370164	1.16857	1.16857	0.000196408	2.8856	2.8856	0.00272339	0.496284	-2.01497	0.727768	1.06094	1.06094	9.08227	4.12171	0.403395	1
cg23339720	0.317704	0.735631	-1.35938	0.00434812	0.322152	-3.10413	0.0029414	0.296995	-3.36706	0.916034	0.969136	-1.03185	7.89866	11.0547	1.24406	1
cg18403551	0.604498	0.75884	-1.3178	0.245536	1.89932	1.89932	0.0725353	0.347061	-2.88133	0.810626	0.880923	-1.13517	7.1615	31.6388	3.92702	1
cg01138098	0.0124608	0.366115	-2.73139	0.00519352	0.303602	-3.29378	0.00253674	0.25822	-3.87266	0.15903	0.614824	-1.62648	6.66659	11.0261	1.47017	1
cg11235498	0.731636	0.94796	-1.0549	0.000941844	0.464954	-2.15075	0.0266878	0.665208	-1.50329	0.68413	0.938476	-1.06556	6.61822	2.52611	0.339281	1
cg20692597	0.980918	1.00287	1.00287	0.000160237	2.16511	2.16511	0.915765	1.01275	1.01275	0.349241	0.890985	-1.12235	6.36023	1.44537	0.202001	1
cg07852840	0.056897	0.528527	-1.89205	0.00634956	0.349458	-2.86158	0.0108145	0.387789	-2.57872	0.35954	1.32151	1.32151	6.05211	8.39386	1.23283	1
cg04877144	0.0167748	0.23093	-4.33031	0.0224629	0.253379	-3.94666	0.0579927	0.340945	-2.93303	0.127977	0.437672	-2.28482	4.85545	19.3887	3.54949	1
cg24072474	0.00515431	0.157646	-6.34334	0.239993	1.85023	1.85023	0.373914	0.633514	-1.5785	0.208971	1.93937	1.93937	4.34343	17.2061	3.52126	1
cg01689354	0.0042449	0.575475	-1.7377	0.0722721	1.33593	1.33593	0.389205	0.880376	-1.13588	0.1995	0.822247	-1.21618	4.20556	1.38852	0.293478	1
cg05994690	0.143053	1.26105	1.26105	0.00216323	1.88592	1.88592	0.0828085	0.753462	-1.32721	0.576223	0.920156	-1.08677	3.99973	1.3757	0.305731	1
cg15856626	0.130155	0.527135	-1.89705	0.172312	0.566103	-1.76646	0.994156	0.997136	-1.00287	0.298269	0.655537	-1.52547	3.5723	8.67954	2.15972	1
cg26784596	0.950084	1.00676	1.00676	0.140536	0.843128	-1.18606	0.420204	0.915178	-1.09268	0.626588	1.05419	1.05419	3.45356	0.633617	0.163082	1
cg23054394	0.0540636	2.11201	2.11201	0.428843	1.31807	1.31807	0.122663	0.564427	-1.77171	0.578657	0.825458	-1.21145	3.42736	6.34633	1.64592	1
cg13874817	0.0298651	0.738831	-1.35349	0.000351703	0.487777	-2.05012	0.0234895	1.37892	1.37892	0.499701	1.08249	1.08249	11.5381	2.3832	0.16065	1
cg22730004	2.31E-05	0.0953099	-10.4921	2.39E-05	0.0962537	-10.3892	7.62E-05	0.136401	-7.33135	8.03E-05	0.138452	-7.2227	33.7796	41.2711	1.08602	1
cg07048608	0.00037606	0.0812225	-12.3119	5.70E-05	0.0369141	-27.09	0.000205768	0.064197	-15.5771	0.00115883	0.121562	-8.22628	16.8803	52.1347	2.74533	1
cg16010717	0.0363366	0.202118	-4.9476	0.0134472	0.133877	-7.46953	0.11819	0.328028	-3.04852	0.0114731	0.125159	-7.98982	4.95267	33.8657	6.07811	1
cg21193071	0.931943	1.01078	1.01078	0.163549	1.20531	1.20531	0.00381917	0.612731	-1.63204	7.05E-05	0.402265	-2.48592	10.0966	2.52206	0.222039	1
cg13508904	0.00517724	0.387842	-2.57837	0.000361967	0.230534	-4.33775	0.316663	0.766704	-1.30428	0.680757	0.899277	-1.112	9.20007	9.5956	0.927104	1
cg01673865	0.88412	0.975695	-1.02491	0.00752451	1.78656	1.78656	0.653527	0.926603	-1.07921	0.0926425	0.73183	-1.36644	11.4964	5.18286	0.400732	1
cg16480199	0.00525414	0.374825	-2.66791	0.0113382	0.42946	-2.3285	0.526687	1.1865	1.1865	0.0125939	0.437309	-2.28671	8.5975	9.67775	1.00058	1
cg09841788	0.127839	1.4743	1.4743	0.000586153	3.50028	3.50028	0.00214512	2.76364	2.76364	0.825368	0.949227	-1.05349	8.29026	7.30023	0.782737	1
cg12517796	0.0275116	1.46915	1.46915	0.00099823	2.05696	2.05696	0.252912	0.83844	-1.19269	0.777508	1.04269	1.04269	5.08928	1.75511	0.306545	1
cg13688202	0.158712	1.71484	1.71484	0.0949029	1.92905	1.92905	0.319342	1.44543	1.44543	0.489818	1.28549	1.28549	4.36091	8.85149	1.80421	1
cg16746355	0.200825	0.515805	-1.93872	0.00717719	0.182553	-5.47787	0.0100825	0.20374	-4.90822	0.0615106	0.356259	-2.80695	4.04251	15.3719	3.38005	1
cg26235434	0.963206	1.00884	1.00884	0.00735834	1.93288	1.93288	0.716071	1.07217	1.07217	0.929072	1.01713	1.01713	3.51131	2.02407	0.512393	1
cg15859416	0.00299479	2.09587	2.09587	0.00354051	2.0514	2.0514	0.756572	0.945051	-1.05814	0.114466	1.3662	1.3662	18.3961	9.62495	0.465073	1
cg12874204	0.310173	0.855758	-1.16855	0.000578521	2.20277	2.20277	0.747445	0.953206	-1.04909	0.158184	1.2508	1.2508	9.43486	3.28772	0.309746	1
cg00114569	0.721734	1.15532	1.15532	0.00816489	0.25492	-3.9228	0.871214	1.0677	1.0677	0.310002	0.65433	-1.52828	9.3992	24.2657	2.29482	1
cg19740240	0.496745	0.845925	-1.18214	0.181567	1.41043	1.41043	0.41952	0.818724	-1.22141	0.12196	0.665973	-1.50156	5.19674	4.83972	0.827822	1
cg05940425	0.995417	1.00089	1.00089	0.00280423	1.89144	1.89144	0.978626	1.00415	1.00415	0.142385	0.783435	-1.27643	4.50253	1.70814	0.337221	1
cg25083366	0.123445	0.278063	-3.59631	0.0109741	0.086459	-11.5662	0.992077	1.00765	1.00765	0.181643	0.337033	-2.96707	3.83672	35.7507	8.2827	1
cg09399386	0.377807	0.615756	-1.62402	0.703699	0.814843	-1.22723	0.597803	0.751802	-1.33014	0.355856	0.601153	-1.66347	3.6253	16.4865	4.04234	1
cg12509524	0.0198298	0.706415	-1.4156	0.685871	0.950998	-1.05153	6.38E-05	0.403077	-2.48091	0.36286	1.1225	1.1225	24.2157	5.85554	0.214941	1
cg22310507	0.0573597	1.54734	1.54734	0.00551189	2.09768	2.09768	0.587598	0.894769	-1.11761	0.977953	0.994404	-1.00563	7.32377	4.7828	0.58049	1
cg11007406	0.350265	1.111	1.111	0.00697108	0.682408	-1.4654	0.163561	1.17678	1.17678	0.488101	1.08017	1.08017	6.58186	1.24947	0.168743	1
cg26097391	0.0239163	0.154417	-6.47599	0.00579466	0.0816169	-12.2524	0.915184	1.07665	1.07665	0.0459432	0.204767	-4.8836	4.20089	31.9754	6.76585	1
cg27025722	0.804367	1.06804	1.06804	0.534305	1.18167	1.18167	0.25118	1.37435	1.37435	0.00797971	0.405793	-2.46431	3.77379	4.20445	0.990329	1
cg02513485	0.059178	1.56941	1.56941	0.0121699	0.516317	-1.93679	0.0122949	0.517039	-1.93409	0.636123	1.10609	1.10609	3.67082	2.60203	0.630081	1
cg26456257	0.0500583	1.43139	1.43139	0.0145721	1.62085	1.62085	0.941312	1.01189	1.01189	0.162373	1.27053	1.27053	3.61896	1.47679	0.362729	1
cg01286930	0.0200516	3.30645	3.30645	0.950642	1.02674	1.02674	0.0146452	3.60038	3.60038	0.179986	0.545024	-1.83478	3.49796	10.0645	2.55755	1
cg04072768	0.233251	0.93392	-1.07076	9.78E-05	0.684786	-1.46031	0.469998	0.960594	-1.04102	0.692855	0.978519	-1.02195	7.69657	0.364704	0.0421202	1
cg02158822	0.58677	1.15443	1.15443	0.0694663	0.5878	-1.70126	0.131872	1.53047	1.53047	0.256792	0.733655	-1.36304	6.70343	7.26973	0.963981	1
cg04089644	0.793759	0.946244	-1.05681	0.000384545	3.30337	3.30337	0.224819	0.764237	-1.3085	0.334639	1.23349	1.23349	5.88331	4.14422	0.626136	1
cg08981537	0.601954	1.17624	1.17624	0.31588	0.726251	-1.37693	0.0111812	2.66636	2.66636	0.742776	1.10692	1.10692	4.6785	7.04974	1.33941	1
cg15602548	0.326626	1.77806	1.77806	0.904206	1.07082	1.07082	0.144215	0.410045	-2.43875	0.0486341	0.278053	-3.59643	4.45304	22.7769	4.54658	1
cg10929758	0.257532	1.46935	1.46935	0.0015675	0.227746	-4.39085	0.0571567	2.01549	2.01549	0.517793	0.807712	-1.23806	4.18644	7.03272	1.49323	1
cg01766943	0.453068	1.46676	1.46676	0.912957	1.05633	1.05633	0.211254	1.93489	1.93489	0.837027	1.10874	1.10874	3.97884	15.8263	3.53566	1
cg15958839	0.858885	1.06415	1.06415	0.883857	0.950217	-1.05239	0.0984544	1.8834	1.8834	0.221807	0.63852	-1.56612	3.79061	7.32692	1.71815	1
cg02463166	0.698464	0.951677	-1.05078	0.0294184	1.3859	1.3859	0.00365765	1.64885	1.64885	0.248311	1.16596	1.16596	3.66787	0.94037	0.227894	1
cg12949431	0.926863	0.979272	-1.02117	0.01248	0.492073	-2.03222	0.306604	0.785471	-1.27312	0.782898	1.06504	1.06504	3.43344	2.83015	0.732701	1
cg01980810	0.00014691	0.318204	-3.14264	0.0468848	1.4902	1.4902	0.165329	1.29626	1.29626	0.0111078	0.572206	-1.74762	14.8165	7.21485	0.432841	1
cg23344241	0.00348715	0.564132	-1.77263	0.0232702	1.47943	1.47943	0.64022	1.07035	1.07035	0.0396718	0.709252	-1.40994	14.1971	4.68983	0.293633	1
cg22707381	0.00593122	0.337786	-2.96046	0.000120015	0.13164	-7.59645	0.00139479	0.247441	-4.04137	0.769885	0.915335	-1.0925	13.4376	19.3577	1.2805	1
cg26536672	0.0718064	0.733008	-1.36424	0.0298574	0.673722	-1.48429	0.519741	1.1061	1.1061	0.940357	1.01163	1.01163	12.3099	4.65548	0.336168	1
cg04985144	0.046446	0.616466	-1.62215	0.233166	1.30361	1.30361	0.521982	1.14757	1.14757	0.561532	0.882936	-1.13259	8.05564	5.73917	0.63328	1
cg14966716	0.985646	0.997577	-1.00243	0.000353322	2.16791	2.16791	0.141935	0.808238	-1.23726	0.758181	0.959218	-1.04252	7.31874	2.10721	0.255929	1
cg21196659	0.0774732	0.518984	-1.92684	0.00211247	0.235864	-4.23973	0.609045	0.841652	-1.18814	0.0509711	0.475704	-2.10215	7.23257	12.7935	1.57233	1
cg16588880	0.173064	1.18925	1.18925	0.000403709	1.95897	1.95897	0.944868	1.0083	1.0083	0.340707	1.12455	1.12455	6.54615	1.48174	0.201202	1
cg15762348	0.659838	1.1898	1.1898	0.397718	1.40461	1.40461	0.506114	1.30304	1.30304	0.358556	0.690439	-1.44835	5.72812	13.9663	2.16729	1
cg26203563	0.0267231	0.470054	-2.12742	0.143901	1.5707	1.5707	0.868635	0.953514	-1.04875	0.470074	0.809507	-1.23532	5.54827	7.26684	1.16422	1
cg15516191	0.409247	1.0819	1.0819	0.00492597	1.41538	1.41538	0.987527	1.00146	1.00146	0.247632	1.11933	1.11933	5.29147	0.728974	0.122457	1
cg23646541	0.0141438	1.66447	1.66447	0.722117	0.941681	-1.06193	0.617984	0.918876	-1.08829	0.0578998	0.697138	-1.43444	4.83965	2.17041	0.398635	1
cg00874225	0.0127319	0.514542	-1.94348	0.308104	1.25415	1.25415	0.742362	0.931638	-1.07338	0.573986	0.885204	-1.12968	4.31965	3.15245	0.648706	1
cg25126321	0.708704	1.06596	1.06596	0.774417	1.05013	1.05013	0.00931574	1.75319	1.75319	0.119199	1.33351	1.33351	4.15252	1.90528	0.407845	1
cg09029541	0.313725	0.735	-1.36054	0.106585	1.68316	1.68316	0.734684	0.904371	-1.10574	0.0895734	0.575183	-1.73858	4.04249	5.59041	1.22926	1
cg23149790	0.00742618	0.264471	-3.78114	0.695095	0.859043	-1.16409	0.0566596	0.435114	-2.29825	0.0599057	0.440964	-2.26776	4.02959	9.49488	2.09448	1
cg19980431	0.378771	0.808219	-1.23729	0.037105	1.76951	1.76951	0.649439	1.11394	1.11394	0.524755	0.859007	-1.16414	3.76914	3.31895	0.78272	1
cg11740872	0.351829	0.747805	-1.33725	0.310828	0.727566	-1.37445	0.0803039	0.555187	-1.8012	0.0385916	0.483503	-2.06824	3.49326	5.08961	1.2951	1
cg26714915	0.00200584	1.90419	1.90419	4.01E-07	0.11805	-8.471	0.0126789	1.58034	1.58034	0.0106033	0.622044	-1.6076	36.244	12.5246	0.307168	1
cg26568402	0.985284	0.995475	-1.00455	0.634651	1.12494	1.12494	0.100969	1.55542	1.55542	0.283255	1.31545	1.31545	17.5459	16.8063	0.85142	1
cg19396878	0.182542	1.30334	1.30334	2.47E-05	0.207813	-4.81202	0.00355058	0.477125	-2.09589	0.292989	1.22667	1.22667	15.2937	8.49524	0.493755	1
cg23026246	0.336098	0.848392	-1.1787	0.306424	1.19187	1.19187	4.81E-05	3.5538	3.5538	0.319437	1.18596	1.18596	13.9891	6.08788	0.386832	1
cg05764628	0.0359907	1.82433	1.82433	2.62E-05	7.77066	7.77066	0.024098	1.94057	1.94057	0.422811	1.22359	1.22359	9.91864	9.54248	0.855178	1
cg10693058	0.0448174	1.66552	1.66552	2.41E-05	6.4489	6.4489	0.0247335	1.80801	1.80801	0.658101	1.10368	1.10368	9.33397	7.25346	0.690759	1
cg25237016	0.00842201	1.81859	1.81859	5.15E-05	3.84564	3.84564	0.0173513	1.67359	1.67359	0.93415	1.0148	1.0148	8.97314	4.48946	0.444731	1
cg21300460	0.766147	1.1025	1.1025	0.567667	1.20802	1.20802	0.890496	1.0461	1.0461	0.0990191	0.553388	-1.80705	8.88642	15.0644	1.50686	1
cg17119849	0.0101012	2.87203	2.87203	0.000594912	5.60234	5.60234	0.0154088	2.62852	2.62852	0.391072	1.33064	1.33064	7.57493	12.6767	1.48756	1
cg17768491	0.0140625	3.24356	3.24356	0.00031754	9.61548	9.61548	0.036006	2.57719	2.57719	0.8573	1.07236	1.07236	7.31781	17.4604	2.1209	1
cg13350768	0.0320787	1.84401	1.84401	0.0147678	0.481348	-2.0775	0.0855916	0.629338	-1.58897	0.586076	1.14339	1.14339	6.7375	6.33759	0.836128	1
cg01049674	0.241405	0.634771	-1.57537	0.000675616	0.145679	-6.86442	0.245715	0.637644	-1.56827	0.25424	0.64324	-1.55463	6.48143	14.1005	1.9338	1
cg26556385	0.0509764	2.09682	2.09682	0.000606265	5.81511	5.81511	0.0235829	2.4607	2.4607	0.781971	1.09681	1.09681	5.37188	9.43799	1.56171	1
cg12248614	0.0413714	3.81566	3.81566	0.00121367	14.82	14.82	0.0200623	4.93709	4.93709	0.318568	1.79813	1.79813	4.97524	25.5276	4.56082	1
cg08871964	0.0167429	4.10118	4.10118	0.000862177	11.2208	11.2208	0.134436	2.18155	2.18155	0.991515	1.00515	1.00515	4.8314	17.8731	3.28833	1
cg07515422	0.245859	2.18449	2.18449	0.0559385	4.03125	4.03125	0.0100633	8.09391	8.09391	0.117495	2.98789	2.98789	4.38752	28.8021	5.83515	1
cg13467096	0.0570973	0.621582	-1.6088	0.0925123	0.664352	-1.50523	0.549071	1.14329	1.14329	0.0036194	0.419032	-2.38645	4.32515	3.34222	0.686879	1
cg16238903	0.0934962	1.45505	1.45505	0.0144734	1.84517	1.84517	0.489411	1.15345	1.15345	0.803171	1.05208	1.05208	4.32125	2.82874	0.581876	1
cg17654091	0.0576295	1.9195	1.9195	0.0074075	0.350699	-2.85145	0.294251	0.718626	-1.39155	0.468035	0.799103	-1.2514	4.23733	6.19096	1.29871	1
cg05609536	0.56049	1.38116	1.38116	0.0081938	6.39783	6.39783	0.212841	2.05402	2.05402	0.324968	1.74652	1.74652	4.00002	19.0672	4.23713	1
cg03401297	0.237162	1.4289	1.4289	0.0200085	2.24557	2.24557	0.0248408	2.15913	2.15913	0.510277	1.21223	1.21223	3.42969	4.51117	1.16918	1
cg23031387	0.361689	1.16233	1.16233	0.600446	1.08848	1.08848	0.198554	1.24356	1.24356	0.00654745	0.567399	-1.76243	3.40833	1.38939	0.362352	1
cg07530681	0.665743	0.788143	-1.26881	0.000181531	0.0311511	-32.1016	0.518592	1.43113	1.43113	0.8834	0.92276	-1.08371	7.47924	31.593	4.22409	1
cg19685976	0.00844157	0.562595	-1.77748	0.0488484	1.46919	1.46919	0.00396492	1.93978	1.93978	0.15244	1.2997	1.2997	6.30807	2.92198	0.411745	1
cg08204131	0.43359	0.861171	-1.16121	0.00681088	0.519046	-1.92661	0.723577	1.06868	1.06868	0.0669405	1.46835	1.46835	4.28163	2.37252	0.492547	1
cg05878849	0.00799548	0.43575	-2.29489	0.436996	0.823847	-1.21382	0.235899	0.738198	-1.35465	0.343392	0.787785	-1.26938	4.26839	3.58859	0.840737	1
cg19258034	0.141604	1.4146	1.4146	0.00125617	0.355699	-2.81137	6.17E-06	9.20141	9.20141	0.852981	0.960107	-1.04155	33.1278	25.2674	0.677977	1
cg08484671	0.512601	0.80322	-1.24499	0.00325018	0.265997	-3.75943	0.000744861	5.41464	5.41464	0.671197	0.868579	-1.15131	12.1734	20.9917	1.53279	1
cg08118159	0.546818	0.693288	-1.4424	0.00498913	0.107265	-9.32266	0.000613366	23.7985	23.7985	0.819032	1.1476	1.1476	11.4553	65.477	5.08076	1
cg27299532	0.00524482	0.615473	-1.62477	0.0171551	0.681892	-1.46651	0.019586	1.45035	1.45035	0.950916	1.00815	1.00815	9.60036	2.64204	0.244624	1
cg25665622	0.0388374	1.51552	1.51552	0.000125244	0.313026	-3.19462	0.926686	1.01613	1.01613	0.231475	0.804007	-1.24377	9.34926	4.47345	0.425317	1
cg06054552	0.0385001	2.21815	2.21815	0.000179018	8.23762	8.23762	0.0123037	2.81787	2.81787	0.0705573	1.9573	1.9573	7.69097	13.4509	1.5546	1
cg06930162	?	?	?	0.00964193	1.59012	1.59012	0.801682	1.03627	1.03627	0.283172	1.17102	1.17102	7.52837	2.12437	0.282182	1
cg15407819	0.469037	0.873291	-1.14509	0.000320896	2.91777	2.91777	0.0122276	1.77557	1.77557	0.212891	1.27288	1.27288	6.11564	3.27641	0.476216	1
cg17795486	0.305971	0.878534	-1.13826	0.526771	1.08151	1.08151	0.159449	1.20165	1.20165	0.00196871	1.70642	1.70642	3.93707	0.930795	0.210149	1
cg02795700	0.0262211	0.225627	-4.4321	0.00710138	7.33114	7.33114	0.100549	2.7253	2.7253	0.0682979	3.1319	3.1319	4.1441	19.3995	3.64095	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04717847	SPTBN5	0.00105277	0.000318817	0.322381	-3.10192	0.000118992	0.270479	-3.69714	0.000774606	0.372226	-2.68654	0.0352802	0.621118	-1.61	0.321754	0.819684	-1.21998	0.00716835	0.509482	-1.96278	0.703013	1.07724	1.07724	0.135884	0.731859	-1.36638	0.0524365	0.651545	-1.53481	11.5961	6.92946	0.531174	1
cg18188010	SPTBN5	0.00301718	0.836968	1.06011	1.06011	0.00649768	2.72397	2.72397	0.0573511	0.543878	-1.83865	0.45394	0.805655	-1.24123	0.144895	0.641765	-1.5582	0.504726	1.21138	1.21138	0.000117503	0.148021	-6.75579	0.360203	1.30536	1.30536	0.710185	0.899655	-1.11154	8.54365	10.859	1.12978	1
cg02852238	SPTBN5	0.00314572	0.013577	2.63191	2.63191	0.0015407	4.23558	4.23558	0.0031574	3.58988	3.58988	0.129803	1.67956	1.67956	0.0182744	0.403482	-2.47842	0.86476	0.947419	-1.0555	0.884287	0.954906	-1.04722	0.00222078	3.88843	3.88843	0.113324	1.72631	1.72631	8.43833	13.4175	1.41339	1
cg24203709	SPTBN5	0.00705962	0.301043	0.644861	-1.55072	0.0282977	2.88666	2.88666	0.347411	0.672933	-1.48603	0.021651	0.323393	-3.09221	0.0679998	0.433086	-2.30901	0.657735	0.833141	-1.20028	0.000250111	0.0842773	-11.8656	0.746438	0.875616	-1.14205	0.630111	0.819827	-1.21977	6.59764	17.5152	2.35979	1
cg06246094	SPTBN5	0.0196575	0.0481145	4.03978	4.03978	0.0266414	5.07183	5.07183	0.181166	2.40474	2.40474	0.225418	2.19657	2.19657	0.388907	0.5794	-1.72592	0.0455543	4.12545	4.12545	0.00175609	15.7292	15.7292	0.0111097	7.15445	7.15445	0.105543	2.98295	2.98295	4.73223	28.6315	5.37806	1
cg10715147	SPTBN5	0.0467034	0.0670126	0.594203	-1.68293	0.0588129	1.71793	1.71793	0.402012	1.24292	1.24292	0.00510538	0.391328	-2.5554	0.9369	0.980125	-1.02028	0.529351	0.850812	-1.17535	0.139392	1.49676	1.49676	0.561124	1.16067	1.16067	0.730916	0.916192	-1.09147	3.47669	3.53969	0.904995	1
cg14326607	SPTLC1;SPTLC1	0.00554271	0.376476	1.13355	1.13355	0.353524	0.876472	-1.14094	0.0118312	1.54357	1.54357	0.0515756	1.35805	1.35805	0.744771	0.955884	-1.04615	0.00801743	0.625467	-1.59881	0.00118464	0.518511	-1.9286	0.105994	0.783595	-1.27617	0.135825	0.800904	-1.24859	7.11064	2.14848	0.268578	1
cg02641400	SPTLC1;SPTLC1	0.0141806	0.0174538	0.253438	-3.94574	0.00797687	0.19925	-5.01881	0.117737	0.4467	-2.23864	0.070112	0.382692	-2.61307	0.00391814	0.158542	-6.30746	0.104447	0.430879	-2.32084	0.00195955	0.125375	-7.97606	0.0521853	0.350767	-2.8509	0.123181	0.452851	-2.20823	5.2776	18.8085	3.16785	1
cg01248375	SPTLC1;SPTLC1	0.0160105	0.00184089	0.593198	-1.68578	0.2192	0.858515	-1.1648	0.302163	1.13451	1.13451	0.0582684	0.776736	-1.28744	0.248081	0.867137	-1.15322	0.0197086	1.3945	1.3945	0.789702	0.968935	-1.03206	0.0879657	0.800664	-1.24896	0.100338	0.80853	-1.23681	5.06988	1.11921	0.196229	1
cg13421753	SPTLC1;SPTLC1	0.0450571	0.736172	0.952371	-1.05001	0.0641075	0.736658	-1.35748	0.00910919	0.608525	-1.64332	0.998955	0.999811	-1.00019	0.0411853	0.706457	-1.41551	0.460402	0.897004	-1.11482	0.855121	1.02672	1.02672	0.0681919	1.3496	1.3496	0.0330216	0.691713	-1.44569	3.83536	1.23701	0.250855	1
cg26362766	SPTLC2	0.0010176	0.0432038	0.552728	-1.80921	0.00944008	2.31325	2.31325	0.994226	0.998157	-1.00185	0.0232924	0.500991	-1.99605	0.00356875	0.365554	-2.73557	0.000536134	3.94789	3.94789	0.00592415	0.399479	-2.50326	0.00899867	0.428844	-2.33185	0.641855	0.887448	-1.12683	11.7084	12.0505	0.914854	1
cg08230472	SPTLC2	0.0016068	0.584595	0.918205	-1.08908	0.712955	1.05878	1.05878	0.00934862	1.66449	1.66449	0.0144745	0.627669	-1.5932	0.0471405	0.703886	-1.42068	0.0043649	0.555108	-1.80145	9.41E-05	0.340976	-2.93275	0.448879	0.887549	-1.1267	0.68005	0.937912	-1.0662	10.2738	3.88784	0.336375	1
cg09341423	SPTLC2	0.012887	0.382312	0.705655	-1.41712	0.0422452	2.48532	2.48532	0.123958	1.91219	1.91219	0.633208	1.20572	1.20572	0.000883006	0.143815	-6.95336	0.262294	0.634572	-1.57586	0.960902	1.01926	1.01926	0.110347	1.96809	1.96809	0.113301	1.95529	1.95529	5.44564	13.0582	2.13148	1
cg06175025	SPTLC2;SPTLC2	0.011213	0.00515583	1.49796	1.49796	0.534875	0.933553	-1.07118	0.00419442	0.657312	-1.52135	0.302112	0.889624	-1.12407	0.0197899	0.735014	-1.36052	0.260914	0.879609	-1.13687	0.0390521	0.770037	-1.29864	0.485338	0.925364	-1.08066	0.0530916	0.786275	-1.27182	5.69718	1.07999	0.168503	1
cg25016420	SPTLC3	0.00013279	0.755128	1.04046	1.04046	5.60E-06	0.272779	-3.66598	0.000200223	0.453157	-2.20674	0.0823228	0.783475	-1.27636	0.358988	0.887287	-1.12703	0.0483305	0.751222	-1.33116	0.00288309	1.68137	1.68137	0.393816	0.895168	-1.11711	0.0119506	0.671893	-1.48833	20.5192	5.22414	0.226309	1
cg11745355	SPTLC3	0.00231637	0.0133262	0.400473	-2.49705	0.000646348	0.20972	-4.76825	0.00156699	0.257706	-3.88039	0.462903	0.800102	-1.24984	0.000561616	0.20265	-4.93463	0.0654238	0.539448	-1.85375	0.00173621	0.263653	-3.79286	0.170096	0.64655	-1.54667	0.152453	0.632894	-1.58004	9.23676	13.0313	1.25405	1
cg01197136	SPTY2D1	1.59E-05	0.688731	1.075	1.075	0.000118167	0.298149	-3.35403	0.0516869	0.671858	-1.48841	0.00374271	2.01983	2.01983	8.81E-06	0.176911	-5.65257	0.000210712	0.328629	-3.04295	0.60542	1.09812	1.09812	0.296582	0.823357	-1.21454	2.20E-06	0.12476	-8.01538	35.9842	18.3823	0.454082	1
cg21107103	SPTY2D1	0.000322505	0.430712	0.785378	-1.27327	0.000929239	0.226508	-4.41485	0.0380315	0.485575	-2.05942	0.356927	0.752311	-1.32924	9.53E-05	0.124049	-8.06135	0.00104626	0.232897	-4.29375	4.07E-05	0.0951929	-10.505	0.948524	1.01958	1.01958	0.00236049	0.279678	-3.57554	16.1274	23.0464	1.27025	1
cg04375578	SPTY2D1	0.000825533	0.0176399	0.517626	-1.9319	?	?	?	0.0393545	1.7041	1.7041	0.16231	0.723602	-1.38197	0.040031	1.6997	1.6997	?	?	?	0.137321	0.70598	-1.41647	0.00812849	0.454313	-2.20113	5.91E-05	0.132141	-7.56769	20.8418	10.9609	0.45078	1
cg21498002	SPTY2D1	0.000864565	0.177186	1.22188	1.22188	0.755451	1.04462	1.04462	0.386384	1.13208	1.13208	0.120426	0.790306	-1.26533	0.864256	0.976378	-1.02419	0.424065	1.12082	1.12082	2.43E-05	0.308913	-3.23716	0.00738126	0.617354	-1.61982	0.0231396	1.46137	1.46137	12.261	3.79033	0.274789	1
cg00457155	SPTY2D1	0.00326697	0.0179814	0.462298	-2.16311	0.0827516	0.597103	-1.67475	0.00958178	0.414641	-2.41173	0.203963	1.43308	1.43308	0.0100408	0.418059	-2.39201	0.104667	0.621267	-1.60962	0.000149577	0.174101	-5.74378	0.524439	1.18901	1.18901	0.865396	0.955487	-1.04659	8.34379	9.51891	1.01408	1
cg10262997	SPTY2D1	0.00661634	0.00259371	0.251999	-3.96826	0.00349948	0.27031	-3.69946	0.0614486	0.498678	-2.0053	0.261396	0.679241	-1.47223	0.973415	0.989056	-1.01107	0.0036468	0.272898	-3.66438	0.00235998	0.246401	-4.05842	0.0493591	0.476761	-2.09749	0.0230956	0.407739	-2.45255	6.73219	11.6277	1.53527	1
cg09201001	SPTY2D1	0.0115459	0.00459058	0.163764	-6.10634	0.795671	0.91633	-1.09131	?	?	?	?	?	?	0.0294558	0.350891	-2.84989	?	?	?	?	?	?	0.0028854	0.128347	-7.79138	0.653139	0.858067	-1.16541	14.3605	12.4135	0.691533	1
cg07179924	SPTY2D1;SPTY2D1	0.0124121	0.459553	1.32258	1.32258	0.722953	0.8762	-1.14129	0.460694	0.756652	-1.32161	0.59157	0.817828	-1.22275	0.634658	1.1945	1.1945	0.707647	1.15013	1.15013	0.000154688	0.0901237	-11.0959	0.929715	1.0333	1.0333	0.305779	0.674554	-1.48246	5.51269	12.0356	1.94067	1
cg10626330	SPZ1	0.0182691	0.0352915	1.54244	1.54244	0.00424039	0.50832	-1.96727	0.376101	0.85166	-1.17418	0.984084	0.99648	-1.00353	0.050191	0.673896	-1.48391	0.700337	0.933923	-1.07075	0.0107302	1.76257	1.76257	0.654866	0.923545	-1.08278	0.672477	0.927589	-1.07806	4.85084	2.40071	0.439916	1
cg07184465	SPZ1	0.0348667	0.710255	1.1224	1.1224	0.275495	1.42051	1.42051	0.0860402	0.556034	-1.79845	0.0237027	0.433653	-2.30599	0.00429956	0.306851	-3.25891	0.210865	0.665044	-1.50366	0.451762	0.788825	-1.26771	0.289678	1.40501	1.40501	0.0567611	0.513153	-1.94874	3.87247	5.87156	1.34776	1
cg16688232	SQLE	0.0138362	0.0299469	0.624141	-1.6022	0.209545	1.27648	1.27648	0.901994	1.023	1.023	0.0986746	0.715899	-1.39685	0.00199069	0.446731	-2.23848	0.746654	0.941927	-1.06165	0.0221171	0.602634	-1.65938	0.0685626	0.686393	-1.45689	0.0714469	1.45	1.45	5.32042	2.87061	0.479595	1
cg12267291	SQLE	0.0138843	0.0173441	0.551834	-1.81214	0.277504	0.793177	-1.26075	0.524277	1.14156	1.14156	0.122733	1.40933	1.40933	0.0226565	0.571295	-1.75041	0.599403	0.89696	-1.11488	0.0149269	1.84807	1.84807	0.0785801	1.49308	1.49308	0.0225778	1.75119	1.75119	5.31436	3.54299	0.592607	1
cg14660676	SQLE	0.037995	0.332675	0.716623	-1.39543	0.404149	1.32926	1.32926	0.421698	1.31478	1.31478	0.739038	0.894517	-1.11792	0.0406906	0.454804	-2.19875	0.35279	0.727021	-1.37548	0.00374597	0.271182	-3.68756	0.023268	0.40485	-2.47005	0.33399	1.39409	1.39409	3.75332	6.60858	1.56509	1
cg12108029	SQLE;SQLE	0.00154141	0.335104	1.13462	1.13462	0.109575	0.801188	-1.24815	0.523216	0.921079	-1.08568	0.790693	0.966766	-1.03438	0.93526	0.989731	-1.01038	0.0465829	0.748581	-1.33586	1.66E-05	0.324587	-3.08083	0.70839	1.0489	1.0489	0.587057	0.932694	-1.07216	10.3977	2.65866	0.227286	1
cg22011731	SQLE;SQLE	0.0497835	0.0162577	0.722524	-1.38404	0.242171	1.14496	1.14496	0.639968	0.949235	-1.05348	0.370219	1.10712	1.10712	0.759899	0.966669	-1.03448	0.594985	0.942387	-1.06114	0.0041833	0.654194	-1.5286	0.131278	0.83512	-1.19743	0.957014	1.00598	1.00598	3.39372	0.657364	0.172178	1
cg05541779	SQRDL	0.000848444	0.0640528	0.683143	-1.46382	9.97E-05	0.282506	-3.53975	0.84626	0.965082	-1.03618	0.91732	1.01919	1.01919	0.000257464	0.332369	-3.0087	0.972438	0.993694	-1.00635	0.0236677	1.63982	1.63982	0.625269	0.913819	-1.09431	0.00558184	0.513542	-1.94726	12.3262	6.54456	0.471951	1
cg06864443	SQRDL	0.00985526	0.00216057	0.232043	-4.30954	0.0733587	0.507943	-1.96873	0.0949283	0.536548	-1.86377	0.0120584	0.345735	-2.89239	0.0128532	0.350601	-2.85225	0.0570823	0.481734	-2.07583	0.00285563	0.248408	-4.02563	0.0129769	0.351335	-2.84629	0.018815	0.380777	-2.62621	5.93823	10.8249	1.62037	1
cg14930642	SQRDL	0.0152302	0.0214721	0.427123	-2.34124	0.0147619	0.396949	-2.51922	0.768737	0.913207	-1.09504	0.0276379	0.448486	-2.22973	0.000830281	0.212316	-4.70995	0.267726	0.700809	-1.42692	0.0271172	0.446845	-2.23791	0.947401	1.02052	1.02052	0.259636	0.696204	-1.43636	5.15466	7.74132	1.33494	1
cg22372508	SQRDL	0.0165521	0.874873	1.0192	1.0192	0.00261337	0.604748	-1.65358	0.444449	0.910226	-1.09863	0.208523	0.852167	-1.17348	0.0443128	0.75675	-1.32144	0.00292558	0.610655	-1.63758	0.0979328	1.2449	1.2449	0.74262	0.96102	-1.04056	0.351988	0.89086	-1.12251	5.01401	1.15607	0.20495	1
cg07111778	SQRDL	0.0279917	0.192867	1.37311	1.37311	0.0217345	0.530542	-1.88486	0.00567459	0.433923	-2.30456	0.409905	1.21398	1.21398	0.237148	0.752045	-1.32971	0.558699	1.14576	1.14576	0.0413751	1.71825	1.71825	0.64161	0.89776	-1.11388	0.193412	0.728589	-1.37252	4.18822	3.51156	0.745278	1
cg09593286	SQRDL	0.043528	0.709061	1.15291	1.15291	0.174402	1.73061	1.73061	0.895617	0.951389	-1.0511	0.00210698	5.16354	5.16354	0.235552	0.623796	-1.60309	0.45813	0.750649	-1.33218	0.20838	0.604405	-1.65452	0.091616	2.02419	2.02419	0.943569	0.973483	-1.02724	3.56959	8.14789	2.02896	1
cg10554651	SQSTM1;MGAT4B;SQSTM1	0.00841135	0.118217	1.11891	1.11891	0.0591073	0.868347	-1.15161	0.0334488	1.17892	1.17892	0.547574	1.04114	1.04114	0.252183	0.923826	-1.08245	0.965328	0.997125	-1.00288	0.000351842	0.683608	-1.46283	0.588405	0.964457	-1.03685	0.826332	1.01466	1.01466	6.24467	0.433939	0.0617685	1
cg15420035	SQSTM1;MGAT4B;SQSTM1	0.0164459	0.085552	1.86706	1.86706	0.358394	1.3638	1.3638	0.716192	1.12744	1.12744	0.315931	0.711314	-1.40585	0.0189439	0.393146	-2.54358	0.0313228	0.436128	-2.2929	0.210934	0.648538	-1.54193	0.00362032	3.64598	3.64598	0.374258	1.34936	1.34936	5.02478	8.58932	1.51946	1
cg01225779	SQSTM1;SQSTM1	0.000494442	0.975897	0.993796	-1.00624	0.0309495	0.593426	-1.68513	0.000156493	0.263702	-3.79216	0.339785	0.816555	-1.22466	0.558089	1.12976	1.12976	0.620419	1.10831	1.10831	0.00174151	2.50834	2.50834	0.000149387	0.26134	-3.82643	0.187761	1.33316	1.33316	14.3349	9.63338	0.597354	1
cg24421668	SQSTM1;SQSTM1	0.000756881	0.102159	0.694984	-1.43888	0.00435968	2.16995	2.16995	0.000894043	2.75039	2.75039	0.238725	0.778027	-1.2853	0.275166	0.793796	-1.25977	0.601105	0.898257	-1.11327	8.48E-05	0.237647	-4.20791	0.145644	0.727755	-1.37409	0.864196	1.03543	1.03543	12.7288	8.34096	0.582471	1
cg11250941	SQSTM1;SQSTM1	0.0234428	0.165065	0.451009	-2.21725	0.00423652	7.83455	7.83455	0.02672	4.10237	4.10237	0.511804	0.69923	-1.43014	0.12553	0.410051	-2.43872	0.0654633	3.03969	3.03969	0.194104	0.477728	-2.09324	0.524328	1.41473	1.41473	0.355322	0.599738	-1.66739	4.45545	20.4019	4.07029	1
cg08836954	SQSTM1;SQSTM1;MGAT4B	0.0441841	0.030573	0.233352	-4.28538	0.00453636	0.11469	-8.71917	0.0474603	0.272928	-3.66397	0.685759	0.792186	-1.26233	0.0205128	0.202179	-4.94611	0.0877152	0.33979	-2.943	0.0503017	0.278629	-3.589	0.142729	0.405664	-2.46509	0.192308	0.453692	-2.20414	3.54973	18.439	4.61732	1
cg13041269	SQSTM1;SQSTM1;SQSTM1	0.000576035	1.38E-05	0.103648	-9.64805	0.282421	1.32165	1.32165	0.0640043	1.68157	1.68157	0.819435	0.944512	-1.05875	0.00230047	0.34518	-2.89704	0.140163	0.67283	-1.48626	0.741635	1.08611	1.08611	0.860535	1.04489	1.04489	0.243419	1.35628	1.35628	13.7391	13.5644	0.877586	1
cg11782091	SQSTM1;SQSTM1;SQSTM1	0.00644737	0.00115742	0.551952	-1.81175	0.0422256	1.33824	1.33824	0.576559	1.07277	1.07277	0.047002	1.3272	1.3272	0.0290571	0.725906	-1.37759	0.709955	0.954549	-1.04761	0.0382736	1.34846	1.34846	0.910305	0.986066	-1.01413	0.0384644	0.741874	-1.34794	6.78647	1.66631	0.218253	1
cg24341536	SQSTM1;SQSTM1;SQSTM1	0.0075172	0.0651693	1.2074	1.2074	0.0362615	1.24811	1.24811	0.737064	1.03115	1.03115	0.983698	0.998142	-1.00186	0.0200251	1.29108	1.29108	0.590708	0.951779	-1.05066	0.00117904	0.648436	-1.54217	0.0278869	1.26685	1.26685	0.181418	0.878846	-1.13786	6.46936	0.849034	0.116657	1
cg19100034	SQSTM1;SQSTM1;SQSTM1	0.00871419	0.265697	0.799731	-1.25042	0.227759	0.783525	-1.27628	0.698798	0.927818	-1.0778	0.709187	1.07485	1.07485	0.00245497	0.444047	-2.25201	0.203475	0.772105	-1.29516	0.00779712	0.5178	-1.93125	0.0179681	1.74019	1.74019	0.00676426	0.508447	-1.96677	6.17522	3.63095	0.522656	1
cg01325271	SQSTM1;SQSTM1;SQSTM1	0.00931833	0.158054	1.20389	1.20389	0.102588	1.24559	1.24559	0.672473	1.05367	1.05367	0.0022132	1.69426	1.69426	0.363763	1.1216	1.1216	0.864654	0.979243	-1.0212	0.846559	0.976462	-1.02411	0.728571	1.04376	1.04376	0.000356832	2.02287	2.02287	6.04524	1.44725	0.212803	1
cg05171100	SQSTM1;SQSTM1;SQSTM1	0.0136192	0.391133	1.21009	1.21009	0.897777	0.972491	-1.02829	0.00546025	0.452407	-2.2104	0.573032	1.13156	1.13156	0.494752	1.16238	1.16238	0.0635779	0.635924	-1.57251	0.000794621	0.332951	-3.00345	0.864211	1.03785	1.03785	0.801482	0.946791	-1.0562	5.34809	3.98957	0.663095	1
cg12466919	SQSTM1;SQSTM1;SQSTM1	0.0205112	0.00993791	0.457702	-2.18483	0.067342	0.611389	-1.63562	0.0246797	1.90033	1.90033	0.225624	0.736815	-1.35719	0.0375327	0.560344	-1.78462	0.567027	1.14898	1.14898	0.155723	0.694505	-1.43987	0.0738058	1.61334	1.61334	0.448612	1.20363	1.20363	4.66434	4.25551	0.810978	1
cg23012192	SQSTM1;SQSTM1;SQSTM1	0.0489911	0.693085	0.924855	-1.08125	0.491664	0.871494	-1.14746	0.274282	1.2511	1.2511	0.800985	0.951476	-1.051	0.0228467	0.584887	-1.70973	0.298854	1.23622	1.23622	0.00426978	0.471011	-2.12309	0.195024	1.30987	1.30987	0.806225	0.952753	-1.04959	3.41445	2.09725	0.54598	1
cg04217658	SR140	7.55E-05	0.134914	0.907922	-1.10142	0.009774	1.2163	1.2163	0.00364369	1.26583	1.26583	0.0132062	0.831841	-1.20215	6.63E-05	0.64506	-1.55024	0.0900223	0.894054	-1.1185	9.05E-06	0.562195	-1.77874	0.0525443	0.876244	-1.14123	0.0669734	1.13096	1.13096	23.8644	1.35769	0.0505707	1
cg03864338	SR140	0.000242239	0.0446932	0.791118	-1.26403	2.69E-05	0.430516	-2.32279	0.00295501	0.660433	-1.51416	0.000210223	0.532511	-1.8779	0.00154222	0.62934	-1.58897	0.912082	1.01129	1.01129	0.0043945	0.679334	-1.47203	0.0128888	0.730595	-1.36875	0.024047	1.3147	1.3147	17.4392	2.85465	0.145504	1
cg16795821	SR140	0.00184081	0.645725	0.760342	-1.3152	0.0118931	7.52133	7.52133	0.0172521	6.33693	6.33693	0.1421	0.384084	-2.6036	0.0010856	0.0360628	-27.7294	0.000276616	0.0137567	-72.6919	0.403103	1.66431	1.66431	0.493636	0.661836	-1.51095	0.20414	2.24098	2.24098	15.012	78.9392	3.5056	1
cg06550102	SR140	0.00422179	0.110462	1.12665	1.12665	0.002147	1.34381	1.34381	0.478293	0.951781	-1.05066	0.0155594	1.22555	1.22555	0.0150784	1.22724	1.22724	0.274126	1.08114	1.08114	0.0116808	0.805712	-1.24114	0.0255897	0.833745	-1.19941	0.0491655	1.16642	1.16642	7.72561	0.575065	0.0661655	1
cg02351425	SR140	0.00555101	0.0205939	0.618912	-1.61574	0.834483	0.964643	-1.03665	0.300152	0.83134	-1.20288	0.0745553	0.710518	-1.40742	0.000376815	0.376148	-2.65853	0.00243612	0.483933	-2.0664	0.934786	0.98602	-1.01418	0.673862	1.07554	1.07554	0.00971657	0.569653	-1.75546	7.10738	3.33159	0.416668	1
cg11368438	SR140	0.0064036	0.137147	1.30752	1.30752	0.000820653	0.429853	-2.32638	0.0980707	0.737944	-1.35512	0.472821	1.13007	1.13007	0.013294	0.598263	-1.67151	0.281332	0.829021	-1.20624	0.00982905	1.72722	1.72722	0.98756	0.997392	-1.00261	0.351809	0.851748	-1.17406	6.80082	3.02067	0.394812	1
cg14697475	SR140	0.0130762	0.143089	0.846867	-1.18082	0.339028	0.901153	-1.10969	0.694299	1.0426	1.0426	0.209986	1.14973	1.14973	0.813807	0.97539	-1.02523	0.0233859	0.7512	-1.3312	0.752673	0.967164	-1.03395	0.00782599	1.43405	1.43405	0.00259345	1.55397	1.55397	5.41979	0.957443	0.157028	1
cg19399326	SR140	0.0265903	0.0775185	0.662888	-1.50855	0.0523824	1.58767	1.58767	0.0239749	1.75824	1.75824	0.200285	0.75316	-1.32774	0.554908	0.882376	-1.1333	0.00651283	0.476696	-2.09777	0.123436	0.704936	-1.41857	0.654952	0.910054	-1.09884	0.570079	0.886684	-1.1278	4.26446	2.96532	0.618095	1
cg06734807	SRA1	0.0134025	0.524572	0.924333	-1.08186	0.579026	1.07078	1.07078	0.00081443	1.85138	1.85138	0.404867	1.10959	1.10959	0.18264	1.18835	1.18835	0.244894	0.862064	-1.16001	0.0250091	0.722249	-1.38456	0.656599	0.946862	-1.05612	0.0579279	1.29897	1.29897	5.37627	1.26776	0.209607	1
cg01226231	SRA1	0.0138459	0.00991701	0.384126	-2.60331	0.805962	1.07496	1.07496	0.0440789	0.5069	-1.97277	0.358586	0.757851	-1.31952	0.00190964	0.274934	-3.63724	0.0805144	0.565894	-1.76712	0.00530177	0.339838	-2.94258	0.857459	0.948565	-1.05422	0.0232598	0.450864	-2.21796	5.3192	7.26725	1.21443	1
cg14582452	SRA1	0.0195215	0.340626	0.617118	-1.62044	0.00774656	0.186168	-5.3715	0.0144598	0.227338	-4.39873	0.168128	0.485796	-2.05848	0.00309325	0.136716	-7.31443	0.030152	0.285584	-3.5016	0.0228514	0.262214	-3.81368	0.689278	0.820736	-1.21842	0.0285769	0.280918	-3.55976	4.74339	18.1502	3.40126	1
cg26197690	SRA1	0.0329971	0.00910534	0.566631	-1.76482	0.162448	1.29132	1.29132	0.244675	1.232	1.232	0.966985	0.99293	-1.00712	0.324533	0.839948	-1.19055	0.0592457	0.69413	-1.44065	0.0321161	1.53778	1.53778	0.397269	1.1602	1.1602	0.120411	1.3348	1.3348	3.95018	1.83864	0.41374	1
cg09273012	SRBD1	1.35E-05	0.0884987	1.34087	1.34087	3.78E-06	0.185523	-5.39017	0.000162675	0.366282	-2.73014	0.825839	0.966188	-1.035	0.33571	0.856462	-1.16759	0.73805	1.05379	1.05379	9.90E-07	0.13423	-7.4499	0.888728	1.02209	1.02209	0.00205966	0.507867	-1.96902	37.5048	14.4712	0.342977	1
cg16402715	SRBD1	0.000152067	0.141843	1.19826	1.19826	0.0657829	0.789442	-1.26672	0.00011584	0.461235	-2.16809	0.000200195	0.48923	-2.04403	2.94E-05	0.391488	-2.55435	0.526993	1.07616	1.07616	0.946357	1.00774	1.00774	0.0720795	0.794608	-1.25848	0.000329424	0.514723	-1.94279	19.7838	4.10907	0.184622	1
cg25590579	SRBD1	0.000234352	0.00125842	0.422041	-2.36944	0.012901	1.76036	1.76036	0.0350143	1.56833	1.56833	0.0160435	1.71588	1.71588	0.640908	1.08987	1.08987	1.07E-05	0.178895	-5.58989	0.944133	0.987243	-1.01292	0.85432	0.966889	-1.03424	0.262895	0.807482	-1.23842	17.597	9.35329	0.472469	1
cg25570222	SRBD1	0.000374273	0.000661034	0.517535	-1.93224	0.356885	0.887207	-1.12713	0.161114	1.20808	1.20808	0.732439	1.0443	1.0443	1.65E-05	0.326468	-3.06309	0.0794931	1.27869	1.27869	0.0420432	1.34431	1.34431	0.206065	1.18348	1.18348	0.154815	0.825045	-1.21205	15.4811	3.91108	0.224565	1
cg02630207	SRBD1	0.000785778	0.4863	0.906402	-1.10326	0.658752	0.940124	-1.06369	0.00350508	0.576854	-1.73354	0.125959	1.25862	1.25862	1.58E-05	0.289839	-3.45019	0.285372	0.857144	-1.16666	0.0288817	0.69912	-1.43037	0.672915	0.942719	-1.06076	0.00913807	0.631288	-1.58406	12.5955	3.84988	0.271693	1
cg15679981	SRBD1	0.000831364	0.501959	1.11985	1.11985	0.000353839	0.385547	-2.59372	0.0012406	0.456561	-2.19029	0.026591	1.54742	1.54742	0.0198424	1.59548	1.59548	0.0404001	1.48182	1.48182	0.00766023	1.76717	1.76717	0.19749	0.797481	-1.25395	0.0508871	1.44696	1.44696	12.3971	5.41796	0.388475	1
cg25377726	SRBD1	0.0188282	0.244979	0.821706	-1.21698	0.348778	1.16854	1.16854	0.0440757	0.688296	-1.45286	0.173688	0.791586	-1.26329	0.332242	0.850854	-1.17529	0.127232	1.30514	1.30514	0.00116589	0.463112	-2.1593	0.372064	1.15949	1.15949	0.255255	1.21141	1.21141	4.80177	1.98277	0.367043	1
cg01013336	SRBD1	0.021273	0.426094	1.15275	1.15275	0.0200427	0.612139	-1.63362	0.00305389	0.491808	-2.03331	0.147946	0.762243	-1.31192	0.68498	0.931148	-1.07394	0.906222	0.979598	-1.02083	0.114553	1.35012	1.35012	0.861514	0.969921	-1.03101	0.0122874	0.579589	-1.72536	4.60665	2.23204	0.43069	1
cg14832358	SRBD1	0.0317384	0.000847974	0.541095	-1.8481	0.568856	0.93192	-1.07305	0.42113	0.904268	-1.10587	0.0471677	0.757215	-1.32063	0.317564	1.13485	1.13485	0.476449	1.0927	1.0927	0.32	0.881768	-1.13409	0.910416	0.986313	-1.01388	0.910834	1.01381	1.01381	4.00562	0.951161	0.211072	1
cg23995169	SRBD1	0.0318393	0.660785	0.851559	-1.17432	0.222054	0.626888	-1.59518	0.0821227	0.496151	-2.01552	0.0295259	0.393556	-2.54093	0.0137163	0.329906	-3.03117	0.265797	0.655767	-1.52493	0.00251659	0.217261	-4.60275	0.919277	1.03758	1.03758	0.03412	0.406686	-2.4589	4.00108	8.39055	1.86406	1
cg20732286	SRBD1	0.0337955	0.386689	1.26728	1.26728	0.00189736	0.308873	-3.23758	0.0727289	0.586007	-1.70646	0.570109	1.16556	1.16556	0.377789	1.27325	1.27325	0.330119	1.3077	1.3077	0.100022	1.61783	1.61783	0.533151	0.844936	-1.18352	0.763317	0.922546	-1.08396	3.91635	4.41988	1.00318	1
cg15053029	SRBD1	0.0344292	0.474074	1.21124	1.21124	0.00569487	0.385	-2.59741	0.0149522	0.454915	-2.19821	0.367028	0.783547	-1.27625	0.791509	0.932637	-1.07223	0.780958	0.929251	-1.07614	0.0458206	1.82686	1.82686	0.0924466	0.614191	-1.62816	0.460626	0.820593	-1.21863	3.89019	4.26901	0.975447	1
cg08948149	SRBD1	0.0348832	0.0135147	0.307405	-3.25304	0.00609005	0.251147	-3.98173	0.0809203	0.473897	-2.11016	0.170832	0.569661	-1.75543	0.678478	0.85142	-1.17451	0.00443439	0.231063	-4.32783	0.272591	0.643642	-1.55366	0.169683	0.568689	-1.75843	0.217563	0.606207	-1.6496	3.87181	9.12977	2.09601	1
cg18858144	SRC	0.00613047	0.0146999	0.40555	-2.46579	0.41509	0.778532	-1.28447	0.00258822	0.285141	-3.50704	0.0711626	0.545675	-1.83259	0.208807	0.671549	-1.4891	0.0524408	0.51541	-1.9402	0.00067352	0.209562	-4.77187	0.00200213	0.26962	-3.70892	0.208454	0.671319	-1.48961	6.8932	9.85978	1.27143	1
cg22437284	SRC	0.00626652	0.0525118	0.540288	-1.85086	0.123318	0.627408	-1.59386	0.135547	0.638118	-1.56711	0.106838	0.611626	-1.63499	0.0141465	0.42934	-2.32916	0.0453397	0.526705	-1.8986	0.00104354	0.257886	-3.87769	0.000390084	0.206208	-4.84948	0.334631	0.757394	-1.32032	6.84655	8.45602	1.09785	1
cg20482274	SRC	0.026654	0.0157282	0.487817	-2.04995	0.921759	1.02411	1.02411	0.00603036	0.418944	-2.38695	0.0940474	0.639885	-1.56278	0.00907475	0.447489	-2.23469	0.0165805	0.491814	-2.03329	0.165702	0.698713	-1.4312	0.0652411	0.605362	-1.6519	0.787517	0.936583	-1.06771	4.26088	3.96876	0.827948	1
cg14637027	SRC;SRC	0.00379701	0.774297	1.05653	1.05653	0.00505791	0.492174	-2.0318	0.449868	0.863068	-1.15866	0.110353	0.716928	-1.39484	0.00625249	0.505874	-1.97678	0.00820439	0.523697	-1.9095	0.0351365	1.59901	1.59901	0.385063	1.18568	1.18568	0.0046685	2.05321	2.05321	7.97655	4.62083	0.514934	1
cg08553950	SRC;SRC	0.00392044	0.0313144	0.624438	-1.60144	0.00617737	1.94598	1.94598	0.011564	0.555076	-1.80155	0.948843	1.01203	1.01203	0.00289302	0.466017	-2.14584	0.381501	1.18214	1.18214	0.00309629	0.470221	-2.12666	0.745694	0.941138	-1.06254	0.057099	0.669456	-1.49375	7.90016	4.34826	0.489245	1
cg05498681	SRC;SRC	0.00726143	0.927285	1.01489	1.01489	0.847673	0.969337	-1.03163	0.0156492	0.618868	-1.61585	0.306954	1.18682	1.18682	0.0245649	0.648127	-1.54291	0.728903	0.945212	-1.05796	0.000241297	0.373947	-2.67417	0.484735	0.891381	-1.12186	0.0288776	0.658846	-1.51781	6.53983	2.71637	0.369208	1
cg02142074	SRC;SRC	0.00965823	0.0349518	0.424939	-2.35328	0.651225	1.17172	1.17172	0.0927526	0.52511	-1.90436	0.817105	0.922496	-1.08402	0.0254509	0.39661	-2.52137	0.0515728	0.462257	-2.1633	0.00135183	0.197733	-5.05733	0.00190907	0.216313	-4.62293	0.0344029	0.423483	-2.36137	5.97664	11.4789	1.70722	1
cg25431463	SRC;SRC	0.0103555	0.0150904	0.657326	-1.52132	0.822955	0.969005	-1.03199	0.11358	0.785139	-1.27366	0.502214	1.10041	1.10041	0.000518609	0.467348	-2.13973	0.072596	0.754698	-1.32503	0.008962	0.626877	-1.59521	0.845824	1.02773	1.02773	0.130903	0.7952	-1.25755	5.84486	1.82726	0.277891	1
cg20189904	SRC;SRC	0.0141143	0.10157	0.847038	-1.18058	0.78719	0.975251	-1.02538	0.395125	1.084	1.084	0.302728	1.10392	1.10392	0.190433	1.13702	1.13702	0.0178498	1.30561	1.30561	0.00157568	0.656805	-1.52252	0.0783402	0.834339	-1.19855	0.326609	0.910469	-1.09833	5.28574	0.718036	0.12075	1
cg04203450	SRC;SRC	0.0159655	0.838013	1.04388	1.04388	0.00128913	0.373794	-2.67527	0.0189518	0.550948	-1.81505	0.098502	0.683779	-1.46246	0.00393707	0.443155	-2.25655	0.0756729	0.66046	-1.5141	0.162332	0.731271	-1.36748	0.991055	1.00235	1.00235	0.355238	0.819127	-1.22081	5.07463	3.53746	0.619632	1
cg23410129	SRC;SRC	0.0220276	0.406912	0.917431	-1.09	0.00131138	1.60822	1.60822	0.239049	0.882279	-1.13343	0.192947	0.869397	-1.15022	0.104621	1.19743	1.19743	0.0387661	1.27518	1.27518	0.826072	0.977893	-1.02261	0.362313	1.09978	1.09978	0.50533	0.933646	-1.07107	4.55198	0.743857	0.145257	1
cg12807924	SRC;SRC	0.0221751	0.00440862	0.503174	-1.98738	0.285784	0.818469	-1.22179	0.924022	0.982911	-1.01739	0.276173	0.814906	-1.22714	0.00352615	0.489265	-2.04388	0.0052143	0.513732	-1.94654	0.506967	0.885455	-1.12936	0.205266	0.785458	-1.27314	0.0947022	0.717575	-1.39358	4.54157	2.34857	0.459669	1
cg24956391	SRC;SRC	0.0494773	0.935196	1.02353	1.02353	0.291285	0.731114	-1.36778	0.00360937	0.324083	-3.08563	0.0492589	0.526306	-1.90004	0.192741	0.674183	-1.48328	0.971443	0.989814	-1.01029	0.8785	1.04472	1.04472	0.136149	1.58291	1.58291	0.0741079	0.565967	-1.76689	3.40169	4.40667	1.1515	1
cg26635366	SRCAP	3.60E-06	0.000113248	0.46268	-2.16132	0.850303	0.97875	-1.02171	0.397938	0.906291	-1.1034	3.63E-07	0.189062	-5.28926	0.166326	0.845534	-1.18268	0.00173981	1.66133	1.66133	2.85E-06	0.279789	-3.57412	0.000741344	1.79031	1.79031	0.40864	1.10085	1.10085	52.8346	10.8149	0.181949	1
cg03766965	SRCAP	2.10E-05	0.000275458	0.23661	-4.22637	1.77E-05	0.119502	-8.36806	0.000556743	0.27362	-3.6547	0.00390373	0.390561	-2.56042	4.16E-06	0.0758708	-13.1803	0.00170619	0.338226	-2.95661	3.24E-06	0.0695183	-14.3847	0.013048	0.474609	-2.107	0.00591363	0.418384	-2.39015	33.4432	31.0179	0.824426	1
cg05979332	SRCAP	0.00143886	0.183095	0.647246	-1.54501	0.000118979	7.94912	7.94912	0.0243385	2.28524	2.28524	0.0069809	2.92878	2.92878	0.580514	0.842064	-1.18756	0.0503071	1.98801	1.98801	0.00531222	0.322633	-3.0995	0.719287	0.894807	-1.11756	0.549437	1.20505	1.20505	10.6058	15.9301	1.33513	1
cg08246316	SRCAP	0.00734521	0.0802192	0.693301	-1.44238	0.0963146	1.41147	1.41147	0.443436	0.862884	-1.1589	0.649382	0.917244	-1.09022	0.00248115	0.452144	-2.21168	0.0123109	0.555262	-1.80095	0.00670702	0.514988	-1.94179	0.0312665	1.61112	1.61112	0.645036	1.09149	1.09149	6.51641	3.67622	0.501464	1
cg08455111	SRCAP	0.00889417	0.96184	1.013	1.013	0.241442	1.39233	1.39233	0.862279	0.954213	-1.04798	0.0799669	1.68945	1.68945	0.000702989	0.248004	-4.03219	0.011553	0.426347	-2.34551	0.113555	0.628278	-1.59165	0.444789	1.23401	1.23401	0.0472295	0.541801	-1.8457	6.13535	7.07987	1.02573	1
cg02324580	SRCAP	0.0140798	0.150653	0.794742	-1.25827	0.000447057	0.437805	-2.28412	0.786319	1.04136	1.04136	0.0365978	0.69611	-1.43655	0.034652	0.692589	-1.44386	0.321995	0.858486	-1.16484	0.39703	1.13808	1.13808	0.773295	1.04402	1.04402	0.102642	0.766175	-1.30518	5.28999	1.86352	0.313131	1
cg01792666	SRCAP	0.0361166	0.00553236	0.287388	-3.47962	0.314612	0.710386	-1.40768	0.532099	1.23053	1.23053	0.172024	0.618657	-1.61641	0.0290355	0.42144	-2.37282	0.809629	0.92406	-1.08218	0.0127592	0.350581	-2.85241	0.752404	0.901598	-1.10914	0.0169935	0.374215	-2.67226	4.18777	6.94892	1.29059	1
cg00005306	SRCAP	0.0443995	0.0646449	0.477366	-2.09483	0.444387	0.757445	-1.32023	0.263342	1.51507	1.51507	0.482083	0.775251	-1.2899	0.65972	1.17102	1.17102	0.612112	1.19984	1.19984	0.00178334	0.205073	-4.87631	0.428427	1.33382	1.33382	0.534683	1.25111	1.25111	3.54329	7.12404	1.78718	1
cg22320365	SRCIN1	4.04E-05	0.0421228	1.51199	1.51199	0.00208741	2.14836	2.14836	0.0600087	1.45444	1.45444	0.200643	0.787682	-1.26955	0.000387493	2.71632	2.71632	0.000499779	2.61532	2.61532	1.02E-06	9.60391	9.60391	0.00031579	2.80233	2.80233	0.878684	0.973391	-1.02734	28.1566	13.9021	0.43888	1
cg14424407	SRCIN1	0.00242958	0.0142119	2.51018	2.51018	0.0116104	2.61168	2.61168	0.461197	1.25641	1.25641	0.0621082	1.89472	1.89472	0.0701295	1.85162	1.85162	0.00321959	3.39795	3.39795	0.000146636	7.2975	7.2975	0.00130138	4.15785	4.15785	0.0283142	2.19841	2.19841	9.10827	13.3553	1.30336	1
cg02286659	SRCIN1	0.00423097	0.561206	0.703183	-1.42211	0.0537641	3.71585	3.71585	0.818492	1.14772	1.14772	0.349244	1.78168	1.78168	0.000494758	0.0380608	-26.2738	0.682162	0.781304	-1.27991	0.000826802	0.048885	-20.4562	0.706223	1.25478	1.25478	0.206997	0.450398	-2.22026	7.72054	43.9264	5.05738	1
cg01156834	SRCIN1	0.00437197	0.156734	1.34565	1.34565	0.00128425	0.398557	-2.50905	0.216643	0.775061	-1.29022	0.129394	0.725315	-1.37871	0.204149	0.769006	-1.30038	0.0596734	0.659325	-1.5167	0.00156093	0.410239	-2.4376	0.0232571	1.70166	1.70166	0.309785	1.22876	1.22876	7.64432	4.65096	0.540818	1
cg26094554	SRCIN1	0.00442378	0.00280677	4.18435	4.18435	0.00179128	4.68681	4.68681	0.00393643	3.85205	3.85205	0.184771	1.63067	1.63067	0.00313634	4.07125	4.07125	0.85234	1.06692	1.06692	0.00485263	3.66366	3.66366	0.00892531	3.17873	3.17873	0.124497	1.78283	1.78283	7.61708	14.5796	1.70139	1
cg20586676	SRCIN1	0.00638632	0.000441195	0.407243	-2.45553	0.0976633	1.34202	1.34202	0.533837	0.903026	-1.10739	0.00830257	0.579128	-1.72673	0.326546	1.17818	1.17818	0.854171	0.970655	-1.03023	0.0099267	0.590232	-1.69425	0.889678	1.02272	1.02272	0.834826	0.966765	-1.03438	6.80651	2.82492	0.368917	1
cg05890545	SRCIN1	0.00923937	0.00454842	0.302444	-3.3064	0.913676	0.966272	-1.03491	0.193735	0.647202	-1.54511	0.0972481	0.562227	-1.77864	0.000875335	0.206161	-4.85057	0.0168376	0.397401	-2.51635	0.00444751	0.300971	-3.32258	0.755821	0.906013	-1.10374	0.149855	0.613548	-1.62986	6.06162	9.61136	1.40943	1
cg10184983	SRCIN1	0.00955562	0.0439702	5.49117	5.49117	0.0166925	8.5835	8.5835	0.182283	2.83344	2.83344	0.126392	3.37566	3.37566	0.161989	2.99994	2.99994	0.0386779	5.8227	5.8227	0.00084603	40.1108	40.1108	0.00242871	22.3233	22.3233	0.013427	9.50954	9.50954	5.99703	51.4141	7.62068	1
cg14122138	SRCIN1	0.0173528	0.274974	1.53138	1.53138	0.0736558	2.11325	2.11325	0.248346	1.5727	1.5727	0.866625	0.938878	-1.0651	0.179652	1.70702	1.70702	0.0147191	3.08489	3.08489	0.000754364	6.80006	6.80006	0.0186414	2.91558	2.91558	0.728802	0.877568	-1.13951	4.93542	11.0048	1.98201	1
cg15256305	SRCIN1	0.017365	0.0189042	4.46713	4.46713	0.0140381	4.93621	4.93621	0.0713513	2.88716	2.88716	0.0438988	3.38457	3.38457	0.0569005	3.10935	3.10935	0.026799	3.97926	3.97926	0.0034839	8.06219	8.06219	0.00935502	5.66961	5.66961	0.0234399	4.1592	4.1592	4.93426	21.6599	3.90196	1
cg19409060	SRCIN1	0.0182515	0.201926	1.51253	1.51253	0.1581	1.58949	1.58949	0.45907	1.2605	1.2605	0.419379	0.776181	-1.28836	0.100926	1.7362	1.7362	0.0209882	2.34612	2.34612	0.000917462	4.57781	4.57781	0.102603	1.73066	1.73066	0.192561	0.654734	-1.52734	4.85242	7.24749	1.32763	1
cg07936030	SRCIN1	0.0221953	0.0634495	3.20825	3.20825	0.00636211	7.26966	7.26966	0.0545774	3.38048	3.38048	0.0267712	4.33028	4.33028	0.0344497	3.96579	3.96579	0.0399252	3.76767	3.76767	0.00877031	6.453	6.453	0.0297789	4.17221	4.17221	0.0146853	5.3536	5.3536	4.54014	22.4332	4.39207	1
cg27592868	SRCIN1	0.0277038	0.0164047	0.207866	-4.81079	0.06672	3.00717	3.00717	0.451786	1.50768	1.50768	0.264791	1.86349	1.86349	0.395159	0.627255	-1.59425	0.897635	0.933389	-1.07136	0.00724563	0.156372	-6.39499	0.0322102	0.260946	-3.83221	0.902089	1.06814	1.06814	4.20349	19.0956	4.03804	1
cg10906415	SRCIN1	0.0285656	0.417672	1.26928	1.26928	0.00731007	2.70684	2.70684	0.0213126	2.21822	2.21822	0.83853	0.942948	-1.0605	0.363539	1.30846	1.30846	0.974804	0.990948	-1.00913	0.00986506	2.55711	2.55711	0.0201259	2.24144	2.24144	0.325262	0.746434	-1.3397	4.15835	5.45911	1.16694	1
cg22904737	SRCIN1	0.0343195	0.565689	1.28891	1.28891	0.00773073	4.46145	4.46145	0.0622949	2.50227	2.50227	0.96803	1.01767	1.01767	0.305664	1.58977	1.58977	0.104322	2.17294	2.17294	0.00335373	5.72302	5.72302	0.0224068	3.30592	3.30592	0.349796	1.52297	1.52297	3.89467	11.7838	2.68944	1
cg05927714	SRCIN1	0.034791	0.23352	1.75041	1.75041	0.0225769	3.40099	3.40099	0.0540751	2.66445	2.66445	0.467844	1.3925	1.3925	0.468738	1.39155	1.39155	0.0526518	2.68431	2.68431	0.00201071	7.05363	7.05363	0.0240098	3.34252	3.34252	0.147217	2.00804	2.00804	3.87552	12.3314	2.82833	1
cg19595402	SRCIN1	0.0411527	0.820821	1.12319	1.12319	0.127145	2.32756	2.32756	0.236356	1.88776	1.88776	0.773861	0.862839	-1.15896	0.000792256	13.4121	13.4121	0.495634	0.701669	-1.42517	0.530604	1.38444	1.38444	0.773386	0.862563	-1.15934	0.78312	1.15177	1.15177	3.64473	15.1374	3.69175	1
cg02956148	SRCIN1	0.041177	0.461428	1.12468	1.12468	0.0779916	0.735715	-1.35922	0.0229146	0.652779	-1.53191	0.316205	0.850105	-1.17633	0.174888	0.797617	-1.25373	0.962992	0.992755	-1.0073	0.0468689	1.42841	1.42841	0.025673	1.51487	1.51487	0.448385	1.12872	1.12872	3.64393	1.41739	0.345755	1
cg05420057	SRCIN1	0.0412539	0.486508	1.40684	1.40684	0.0163337	4.12621	4.12621	0.0501842	2.93861	2.93861	0.178882	1.99255	1.99255	0.822307	1.11471	1.11471	0.0559593	2.8442	2.8442	0.00272477	7.37408	7.37408	0.076272	2.59139	2.59139	0.125276	2.22786	2.22786	3.64142	13.4419	3.28123	1
cg03026373	SRCIN1	0.0478814	0.205557	2.73784	2.73784	0.00268938	22.832	22.832	0.0219358	7.95069	7.95069	0.569001	1.54358	1.54358	0.299063	2.25174	2.25174	0.0700242	4.60748	4.60748	0.0477704	5.51226	5.51226	0.0595924	4.96989	4.96989	0.479115	1.7205	1.7205	3.44419	31.0254	8.00715	1
cg00974315	SRCRB4D	0.000204221	9.99E-05	0.441951	-2.2627	0.182295	0.845801	-1.18231	0.00337269	0.623916	-1.60278	0.444669	0.911935	-1.09657	5.76E-06	0.298892	-3.34569	0.074706	0.790666	-1.26476	0.424343	1.10134	1.10134	0.0263531	0.732266	-1.36562	0.0565413	0.774608	-1.29098	18.2674	4.04966	0.197056	1
cg01614764	SRCRB4D	0.000248013	0.00400036	0.511425	-1.95532	0.454515	0.876284	-1.14118	0.0668875	0.700399	-1.42776	8.63E-05	3.39297	3.39297	6.55E-05	0.280811	-3.56111	0.579112	0.907438	-1.102	0.0135594	0.588847	-1.69823	0.697204	1.07013	1.07013	0.115102	1.34581	1.34581	17.3276	8.24713	0.42307	1
cg15592143	SRCRB4D	0.00047936	0.136591	1.12689	1.12689	0.0120234	0.791896	-1.26279	0.262499	0.916656	-1.09092	0.00206997	1.38135	1.38135	0.0194601	1.23417	1.23417	0.031391	1.20688	1.20688	1.64E-05	1.93583	1.93583	0.523172	1.04938	1.04938	0.233736	1.09745	1.09745	14.4585	1.2705	0.0781088	1
cg17305368	SRCRB4D	0.00959747	0.273372	0.820191	-1.21923	0.927407	0.984279	-1.01597	0.00101148	0.428218	-2.33526	0.331844	0.840218	-1.19017	0.0120169	0.579979	-1.7242	0.516823	0.891997	-1.12108	0.0160955	0.599209	-1.66887	0.661008	1.07975	1.07975	0.0272663	1.57506	1.57506	5.98868	2.868	0.425692	1
cg06959773	SRCRB4D;ZP3	0.00674376	0.297785	0.777487	-1.2862	0.83225	1.05071	1.05071	0.00446282	0.412978	-2.42144	0.0583026	0.607177	-1.64697	0.00269974	0.380384	-2.62892	0.1888	0.722774	-1.38356	0.00237258	0.372234	-2.68649	0.925136	0.978322	-1.02216	0.00237999	0.372429	-2.68507	6.69239	5.7634	0.7655	1
cg16772533	SRCRB4D;ZP3	0.0175587	0.475566	0.844876	-1.18361	0.00611858	2.29622	2.29622	0.438731	1.20142	1.20142	0.982261	1.00518	1.00518	0.00198148	0.362353	-2.75974	0.732084	0.92326	-1.08312	0.244593	0.753657	-1.32686	0.352973	0.800867	-1.24865	0.179538	1.39268	1.39268	4.91595	4.20296	0.759969	1
cg18755984	SRD5A1	6.91E-05	0.0747506	0.702067	-1.42436	3.60E-05	0.241944	-4.13319	0.116557	0.737943	-1.35512	6.20E-05	0.268248	-3.72789	0.0550465	0.67864	-1.47354	0.100801	1.37753	1.37753	8.55E-05	0.284376	-3.51647	0.0884701	1.39784	1.39784	5.18E-05	0.259434	-3.85454	24.4324	12.2889	0.447089	1
cg17772763	SRD5A1	0.000220731	0.00557482	0.480405	-2.08158	0.261912	0.790114	-1.26564	0.0047066	0.469372	-2.13051	0.000195313	0.283168	-3.53147	1.62E-05	0.167077	-5.98525	0.000171959	0.27655	-3.61598	0.288276	0.800913	-1.24857	0.318966	0.81269	-1.23048	0.00132761	0.390611	-2.56009	17.8859	11.4871	0.570886	1
cg23974739	SRD5A1	0.00728369	0.0366548	0.550038	-1.81806	0.226204	0.731348	-1.36734	0.0108825	0.45515	-2.19708	0.53482	0.856625	-1.16737	0.00524749	0.403958	-2.4755	0.0086199	0.438379	-2.28113	0.00588276	0.411734	-2.42875	0.0210712	1.97994	1.97994	0.508115	0.847645	-1.17974	6.53357	6.27236	0.85335	1
cg11469319	SRD5A1	0.0106295	0.0980008	0.646779	-1.54612	0.420212	1.2186	1.2186	0.158202	0.69616	-1.43645	0.27723	0.762393	-1.31166	0.000186614	0.21998	-4.54587	0.0587982	0.599052	-1.6693	0.481372	0.842135	-1.18746	0.675331	0.903817	-1.10642	0.0561756	0.594989	-1.6807	5.79607	5.29066	0.81138	1
cg05879499	SRD5A1	0.0191583	0.18549	0.782873	-1.27735	0.0192611	0.610423	-1.63821	0.00258264	0.482768	-2.07139	0.91302	0.981131	-1.01923	0.676931	0.929551	-1.07579	0.365442	1.17601	1.17601	0.0271687	1.57755	1.57755	0.998426	0.999656	-1.00034	0.0714302	0.703981	-1.42049	4.77364	2.2981	0.427924	1
cg26018312	SRD5A1P1	0.00017891	0.907048	0.976321	-1.02425	0.00281542	0.429885	-2.3262	0.0484201	0.629629	-1.58824	0.400763	1.19298	1.19298	5.75E-06	0.123098	-8.12363	0.241782	1.28577	1.28577	0.00134065	2.60171	2.60171	0.488775	0.865648	-1.1552	0.49595	0.867768	-1.15238	18.9341	12.6212	0.592523	1
cg14239049	SRD5A1P1	0.000622118	0.886597	0.982278	-1.01804	0.0618083	0.768309	-1.30156	0.795091	0.967913	-1.03315	0.0523044	1.31859	1.31859	0.000873138	0.534935	-1.86939	0.501884	1.08916	1.08916	4.32E-05	2.64611	2.64611	0.0443848	0.74876	-1.33554	0.189716	0.840248	-1.19012	13.4474	3.34409	0.221049	1
cg16309606	SRD5A1P1	0.000696204	0.00479407	2.20824	2.20824	0.661932	1.09758	1.09758	0.628931	0.902085	-1.10854	0.00035766	0.297527	-3.36104	0.000128197	0.244289	-4.09352	0.0700793	1.53507	1.53507	0.155618	1.37924	1.37924	0.310924	0.801022	-1.24841	0.0825537	0.665697	-1.50219	13.0308	9.24277	0.630491	1
cg00034639	SRD5A1P1	0.00620327	0.957343	0.990339	-1.00976	0.0232277	0.611139	-1.63629	0.605235	1.09926	1.09926	0.622067	1.09437	1.09437	0.000351833	0.352652	-2.83566	0.628938	1.0924	1.0924	0.00790252	1.85591	1.85591	0.626725	0.914885	-1.09303	0.746303	1.06069	1.06069	6.86808	3.58346	0.463783	1
cg15396238	SRD5A1P1	0.0107247	0.111204	0.452884	-2.20807	0.0208892	0.281094	-3.55752	0.406878	0.678864	-1.47305	0.128534	0.472384	-2.11692	0.00380001	0.168274	-5.9427	0.0364824	0.329646	-3.03356	0.000821181	0.100119	-9.98812	0.0099746	0.226406	-4.41684	0.110254	0.45176	-2.21357	5.77948	19.0764	2.93396	1
cg02722239	SRD5A1P1	0.0260801	0.957963	1.02791	1.02791	0.0012397	0.085019	-11.7621	0.0468087	0.304681	-3.28213	0.807836	1.13569	1.13569	0.530087	0.71739	-1.39394	0.591994	0.753893	-1.32645	0.0348185	3.61297	3.61297	0.998888	0.999272	-1.00073	0.964469	1.02353	1.02353	4.29346	18.5415	3.8387	1
cg04900872	SRD5A2	0.00023082	5.84E-05	0.0769168	-13.0011	8.71E-05	0.088527	-11.296	0.00781633	0.308486	-3.24163	0.00508371	0.279248	-3.58104	0.0151121	0.357584	-2.79654	0.00308588	0.247815	-4.03527	5.62E-05	0.0758573	-13.1827	0.253613	0.663198	-1.50784	0.00311861	0.248453	-4.02491	17.6699	33.206	1.67044	1
cg06149357	SRD5A2	0.000692028	0.0963884	1.57223	1.57223	0.000140845	0.196212	-5.09653	0.417808	0.81446	-1.22781	0.199457	1.39938	1.39938	0.0439154	1.77531	1.77531	0.0212466	1.98655	1.98655	0.00037606	4.09262	4.09262	0.0977459	0.63743	-1.5688	0.161922	0.69061	-1.448	13.0528	12.7012	0.864945	1
cg00712943	SRD5A2	0.00625001	0.0530704	1.72537	1.72537	0.105871	0.645134	-1.55007	0.658574	0.895519	-1.11667	0.790106	1.06844	1.06844	0.00142937	3.14088	3.14088	0.550017	0.860644	-1.16192	0.0436408	0.562377	-1.77817	0.00961659	2.25546	2.25546	0.0296789	0.529865	-1.88727	6.85215	6.68247	0.866877	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12555033	SRD5A3	4.57E-06	0.868163	0.977178	-1.02335	0.0059654	0.606803	-1.64798	4.64E-07	0.139128	-7.18764	3.66E-06	0.221749	-4.50961	0.00761839	0.620758	-1.61093
cg22060735	SRD5A3	0.000560467	0.000598813	0.20476	-4.88377	0.00307418	3.36576	3.36576	0.0989944	1.71886	1.71886	0.221367	1.46955	1.46955	0.131923	0.614485	-1.62738
cg18355925	SRD5A3	0.00832051	0.00564967	0.606025	-1.6501	0.809998	0.967327	-1.03378	0.311345	1.1554	1.1554	0.555971	1.0856	1.0856	0.188755	0.825281	-1.21171
cg01447185	SRD5A3	0.0165375	0.760542	1.05174	1.05174	0.00064004	2.37501	2.37501	0.0213026	1.5789	1.5789	0.0131582	1.66089	1.66089	0.903587	0.9802	-1.0202
cg01612660	SRD5A3	0.04219	0.130281	1.18517	1.18517	0.0158503	1.35962	1.35962	0.833685	0.978378	-1.0221	0.37856	1.09847	1.09847	0.0353012	1.29027	1.29027
cg16912637	SREBF1;SREBF1	3.48E-06	0.255018	1.13018	1.13018	0.000366604	0.555609	-1.79983	0.00118619	0.612892	-1.63161	0.00568349	1.45289	1.45289	3.23E-07	0.216212	-4.62509
cg11024682	SREBF1;SREBF1	0.000393247	0.0465571	0.724125	-1.38098	0.000299806	0.43478	-2.30001	0.0411959	0.716375	-1.39592	0.00644355	0.605476	-1.65159	0.000102064	0.377404	-2.64968
cg15030378	SREBF1;SREBF1	0.000613769	?	?	?	0.00223106	0.417749	-2.39378	0.00194802	0.407901	-2.45158	0.00034542	0.287991	-3.47233	0.591227	1.10202	1.10202
cg07097265	SREBF1;SREBF1	0.00259418	0.707295	1.03008	1.03008	0.0178998	0.797646	-1.25369	0.67028	0.96691	-1.03422	0.000261477	0.624008	-1.60254	0.518741	0.949901	-1.05274
cg08323893	SREBF1;SREBF1	0.0126442	0.150083	0.73492	-1.36069	0.205566	0.765992	-1.3055	0.20096	1.30946	1.30946	0.0031088	0.446007	-2.24212	0.849528	1.03864	1.03864
cg21652344	SREBF1;SREBF1	0.0174475	0.618435	0.850941	-1.17517	0.987327	1.00512	1.00512	0.340482	1.37133	1.37133	0.027046	2.31972	2.31972	0.0107688	0.357035	-2.80084
cg13639244	SREBF1;SREBF1	0.0177139	0.0953348	0.747211	-1.33831	0.00385853	1.85729	1.85729	0.0702085	1.3797	1.3797	0.78606	1.04422	1.04422	0.058482	0.711803	-1.40488
cg00341606	SREBF1;SREBF1	0.0256846	0.399038	0.801762	-1.24725	0.0118077	0.447268	-2.23579	0.00270195	0.346252	-2.88807	0.776617	1.07551	1.07551	0.768886	1.07832	1.07832
cg16657453	SREBF1;SREBF1	0.0346314	0.198405	1.39532	1.39532	0.252546	1.34033	1.34033	0.00170698	0.333598	-2.99762	0.291794	1.30746	1.30746	0.678237	0.902804	-1.10766
cg23875758	SREBF1;SREBF1	0.0469375	0.0841982	2.58644	2.58644	0.00430992	6.67499	6.67499	0.0573305	2.91383	2.91383	0.346004	1.62049	1.62049	0.0577133	2.90784	2.90784
cg25932461	SREBF2	0.0198123	0.435879	1.48509	1.48509	0.0381707	3.30473	3.30473	0.267611	1.77628	1.77628	0.804243	1.13151	1.13151	0.903338	1.06231	1.06231
cg21282452	SREBF2	0.0260853	0.0890638	0.633209	-1.57926	0.202758	0.720603	-1.38773	0.848662	0.954515	-1.04765	0.352177	0.791915	-1.26276	0.0493027	0.578822	-1.72765
cg00830626	SREBF2;SREBF2	0.000765221	0.060934	1.55493	1.55493	0.440884	1.17851	1.17851	0.0465411	1.61028	1.61028	0.393957	0.833196	-1.2002	2.33E-05	0.170927	-5.85045
cg12321073	SRF	0.00126256	0.0584153	0.609907	-1.6396	0.779827	0.937257	-1.06694	0.555559	1.14781	1.14781	0.0950296	0.654315	-1.52832	0.000121362	0.211811	-4.72118
cg04960243	SRF	0.00146856	0.659786	0.95153	-1.05094	0.00509103	1.51472	1.51472	0.000461172	1.85561	1.85561	0.332992	1.11851	1.11851	0.0978481	1.2259	1.2259
cg05932791	SRF	0.00207003	0.0467412	0.740543	-1.35036	0.0119364	1.51263	1.51263	0.984567	0.997452	-1.00255	0.224094	0.844947	-1.18351	0.0288579	0.711796	-1.4049
cg16041611	SRF	0.00238592	0.650651	0.920037	-1.08691	0.336822	1.19845	1.19845	0.271704	0.81126	-1.23265	0.36458	0.843398	-1.18568	0.0154315	0.580817	-1.72171
cg22996605	SRF	0.00309207	0.313503	0.938814	-1.06517	0.00418857	1.26157	1.26157	0.0806958	1.12448	1.12448	0.134627	0.906922	-1.10263	0.505434	0.959898	-1.04178
cg19146067	SRF	0.00636628	0.29728	0.881169	-1.13486	0.211309	1.1667	1.1667	0.340553	0.891376	-1.12186	0.367991	1.11434	1.11434	0.000204971	0.482695	-2.0717
cg08834383	SRFBP1	0.00201334	0.532061	0.920358	-1.08653	4.22E-05	0.360026	-2.77758	0.000994069	0.526601	-1.89897	0.12517	0.804417	-1.24314	0.0523039	0.748709	-1.33563
cg26918471	SRFBP1	0.00317297	0.39289	0.90782	-1.10154	0.727089	0.962026	-1.03947	0.351324	0.899436	-1.11181	0.0231305	1.34995	1.34995	0.0671302	0.797139	-1.25449
cg13033509	SRFBP1	0.00532008	0.0114766	0.390632	-2.55995	0.280315	1.39593	1.39593	0.00143737	3.93379	3.93379	0.417787	0.78184	-1.27903	0.00172198	0.264633	-3.77882
cg20403628	SRFBP1	0.0229227	0.542178	0.889604	-1.1241	0.513264	1.13394	1.13394	0.632923	1.09552	1.09552	0.810328	0.955438	-1.04664	0.658067	1.08812	1.08812
cg09092344	SRFBP1	0.0265334	0.0170121	0.203509	-4.91378	0.0819736	0.348398	-2.87028	0.0353511	0.261669	-3.82162	0.0405125	0.274087	-3.64847	0.00691127	0.147677	-6.77153
cg05531284	SRFBP1	0.0382186	0.859177	0.976344	-1.02423	0.00229471	1.77635	1.77635	0.411101	1.11997	1.11997	0.451008	1.10908	1.10908	0.169107	1.21834	1.21834
cg22510727	SRGAP1	0.000607946	0.0696338	0.610565	-1.63783	0.0103696	0.456127	-2.19237	0.61067	0.882637	-1.13297	0.676928	1.10725	1.10725	0.164209	0.697055	-1.43461
cg05970811	SRGAP1	0.000986199	0.0200179	0.446338	-2.24045	0.62198	1.15354	1.15354	0.418193	0.788394	-1.2684	0.96384	1.01311	1.01311	0.000527492	0.211821	-4.72097
cg23818595	SRGAP1	0.00164556	0.42806	0.863214	-1.15846	0.00015065	0.306393	-3.26378	0.00616706	0.522328	-1.91451	0.57094	1.10972	1.10972	0.129825	0.74268	-1.34647
cg19715314	SRGAP1	0.00253996	0.000205254	0.326641	-3.06146	0.0364627	0.645757	-1.54857	0.120725	0.738808	-1.35353	0.357383	0.843442	-1.18562	0.000334784	0.353214	-2.83115
cg11226252	SRGAP1	0.00310462	0.00922597	0.572846	-1.74567	0.00104449	0.44131	-2.26598	0.956563	1.00922	1.00922	0.495189	1.12385	1.12385	0.678369	1.07283	1.07283
cg26987521	SRGAP1	0.00378892	0.00293229	0.405491	-2.46614	0.265976	1.29182	1.29182	0.361719	1.23012	1.23012	0.485651	0.855125	-1.16942	0.000604137	0.310909	-3.21637
cg01506756	SRGAP1	0.00584636	0.120989	0.758983	-1.31755	0.674513	1.07173	1.07173	0.170038	1.27085	1.27085	0.00503108	1.83774	1.83774	0.000342592	0.388456	-2.57429
cg15260552	SRGAP1	0.00716818	0.000531572	0.290232	-3.44552	0.00372562	0.407174	-2.45595	0.47941	1.17928	1.17928	0.0693698	0.627551	-1.5935	0.0767984	0.636753	-1.57047
cg15326887	SRGAP1	0.00928772	0.000675577	0.0856035	-11.6818	0.633335	0.796697	-1.25518	0.911623	0.948848	-1.05391	0.751557	0.860534	-1.16207	?	?	?
cg26214431	SRGAP1	0.0134519	0.00196306	0.191198	-5.23019	0.0126365	0.309702	-3.22891	0.781541	1.11082	1.11082	0.40974	0.727068	-1.37539	0.00552655	0.25192	-3.96951
cg17737263	SRGAP1	0.0168966	0.983718	1.00612	1.00612	0.898943	1.03875	1.03875	0.236216	0.689769	-1.44976	0.687996	1.12839	1.12839	0.000330367	0.176473	-5.66658
cg17430032	SRGAP1	0.0174299	0.0120234	0.59353	-1.68483	0.00182297	0.47814	-2.09144	0.153468	0.775278	-1.28986	0.0597749	0.702051	-1.4244	0.142128	0.768882	-1.30059
cg00781208	SRGAP1	0.0181523	0.0183734	0.493504	-2.02633	0.0118949	0.460736	-2.17044	0.289311	0.762235	-1.31193	0.0648729	0.599439	-1.66823	0.0118956	0.46074	-2.17042
cg05205563	SRGAP1	0.022229	0.0174102	0.67526	-1.48091	0.643076	1.06534	1.06534	0.558274	0.922847	-1.0836	0.00530407	1.64597	1.64597	0.0279089	0.703042	-1.42239
cg22610533	SRGAP1	0.0224309	0.0458813	0.742192	-1.34736	0.998254	0.999715	-1.00029	0.0611595	1.31638	1.31638	0.101967	1.26265	1.26265	0.736816	0.957007	-1.04492
cg17354987	SRGAP1	0.0226337	0.0198629	0.199769	-5.00578	0.0367224	0.249047	-4.01531	0.13111	0.393084	-2.54399	0.296987	0.538285	-1.85775	0.00309305	0.0983765	-10.165
cg11362183	SRGAP1	0.026851	0.478254	1.16248	1.16248	0.00757032	0.488017	-2.04911	0.0111859	0.51484	-1.94235	0.925454	0.980647	-1.01974	0.197882	1.3287	1.3287
cg07973246	SRGAP1	0.0308051	0.433361	0.883313	-1.1321	0.928945	0.986253	-1.01394	0.474615	0.893287	-1.11946	0.000579294	2.28439	2.28439	0.215632	1.22416	1.22416
cg09734541	SRGAP1	0.0369687	0.138477	0.574385	-1.74099	0.899982	0.95723	-1.04468	0.0197932	0.375977	-2.65974	0.88424	0.950615	-1.05195	0.0010467	0.185205	-5.39942
cg01668352	SRGAP1	0.0415731	0.00909919	0.0980963	-10.1941	0.689683	1.32471	1.32471	0.176715	0.365636	-2.73496	0.13954	0.328255	-3.04641	0.0161158	0.127088	-7.86857
cg25213452	SRGAP2;SRGAP2	0.0339394	0.0122945	0.533331	-1.87501	0.311704	1.23491	1.23491	0.39152	1.19362	1.19362	0.0237277	0.580266	-1.72335	0.305809	0.807537	-1.23833
cg07451641	SRGAP3;SRGAP3	0.00118572	0.0830343	0.563645	-1.77417	0.00783024	2.77206	2.77206	0.778685	0.919278	-1.08781	0.00358828	3.2484	3.2484	0.00348688	0.306003	-3.26794
cg01530962	SRGAP3;SRGAP3	0.00209675	0.128428	1.37336	1.37336	0.797623	1.05086	1.05086	0.415187	0.85147	-1.17444	0.94015	1.0146	1.0146	0.159995	0.748388	-1.33621
cg04377724	SRGAP3;SRGAP3	0.00213984	0.262032	0.770064	-1.29859	0.200275	1.3529	1.3529	0.079449	1.54486	1.54486	0.114553	1.46731	1.46731	9.10E-05	0.209592	-4.77118
cg02777065	SRGAP3;SRGAP3	0.00298286	0.00432638	0.217938	-4.58845	0.026015	2.87304	2.87304	0.529851	1.28947	1.28947	0.00978108	0.271194	-3.68739	0.000619263	0.121903	-8.20323
cg25686744	SRGAP3;SRGAP3	0.00572667	0.00306413	0.742391	-1.347	0.42779	1.06128	1.06128	0.857024	0.986839	-1.01334	0.116531	0.882251	-1.13346	0.00405909	0.753211	-1.32765
cg09547042	SRGAP3;SRGAP3	0.00758699	0.625364	0.889893	-1.12373	0.0160481	2.01103	2.01103	0.00999216	2.16212	2.16212	0.216115	0.734482	-1.3615	0.000946917	0.310849	-3.217
cg08874974	SRGAP3;SRGAP3	0.0113272	0.108492	0.643176	-1.55478	0.0428825	0.555745	-1.79938	0.269977	0.748599	-1.33583	0.0191898	0.489552	-2.04268	0.433071	1.22343	1.22343
cg03308831	SRGAP3;SRGAP3	0.0140629	0.318269	1.32591	1.32591	0.12607	1.57247	1.57247	0.0751207	1.7194	1.7194	0.101939	1.63163	1.63163	0.000849812	0.2538	-3.9401
cg25493409	SRGAP3;SRGAP3	0.0173474	0.867706	1.06636	1.06636	0.714165	1.15233	1.15233	0.00218347	0.190781	-5.24162	0.531837	0.783425	-1.27645	0.0147531	0.314557	-3.17907
cg26389316	SRGAP3;SRGAP3	0.0180082	0.0157008	0.149827	-6.67435	0.0166996	0.153651	-6.50826	0.105636	0.321989	-3.10569	0.958673	1.03378	1.03378	0.0252654	0.181692	-5.50383
cg02775883	SRGAP3;SRGAP3	0.0198582	0.026388	0.389596	-2.56676	0.0204556	0.367891	-2.7182	0.0158789	0.34732	-2.87919	0.0596183	0.467175	-2.14052	0.0114927	0.322417	-3.10157
cg03863358	SRGAP3;SRGAP3	0.0300402	0.22071	0.773409	-1.29298	0.557406	1.12572	1.12572	0.0565363	0.649966	-1.53854	0.114239	1.40899	1.40899	0.0649339	0.661232	-1.51233
cg12669543	SRGAP3;SRGAP3	0.0313423	0.426635	1.4565	1.4565	0.372071	1.5289	1.5289	0.00175617	7.88778	7.88778	0.0532497	2.76575	2.76575	0.728416	0.850876	-1.17526
cg22580937	SRGAP3;SRGAP3	0.0473581	0.0111725	0.599192	-1.66891	0.628525	0.924484	-1.08168	0.374115	1.15828	1.15828	0.0147484	0.616713	-1.6215	0.756732	1.05132	1.05132
cg18278184	SRGN	0.00363346	0.527554	1.18838	1.18838	0.954037	0.984578	-1.01566	0.0470694	0.541843	-1.84555	0.00687382	0.389198	-2.56939	0.000524179	0.232815	-4.29526
cg06041695	SRGN	0.00382678	0.120715	0.464559	-2.15258	0.606325	0.789142	-1.2672	0.0107662	0.232321	-4.30439	0.232732	0.565487	-1.76839	0.0113806	0.236167	-4.23429
cg26522946	SRGN	0.0134126	0.0369361	0.529857	-1.8873	0.0325042	1.92872	1.92872	0.829922	1.05662	1.05662	0.00577635	0.38008	-2.63102	0.114923	0.641104	-1.55981
cg27141489	SRGN	0.0247314	0.469795	0.647147	-1.54524	0.170133	0.421203	-2.37415	0.00333195	0.0939747	-10.6412	0.223626	0.469235	-2.13113	0.00467392	0.108001	-9.25917
cg13645409	SRGN	0.0321155	0.0181969	0.246094	-4.06348	0.842822	1.10195	1.10195	0.0629915	0.3596	-2.78087	0.0366762	0.30511	-3.27751	0.00872026	0.195108	-5.12537
cg17342283	SRGN;SRGN	0.000285327	0.00967823	0.647111	-1.54533	0.174911	1.21147	1.21147	5.26E-05	0.366207	-2.73069	0.0175321	0.680894	-1.46866	8.37E-05	0.390252	-2.56245
cg15655655	SRI;SRI	0.00355895	0.00951532	0.616402	-1.62232	0.716786	1.05513	1.05513	0.12399	0.782399	-1.27812	0.118479	0.779063	-1.28359	0.000504392	0.448897	-2.22768
cg02604407	SRI;SRI	0.00367247	0.367583	1.39725	1.39725	?	?	?	0.00256009	0.204156	-4.8982	0.412735	0.739009	-1.35316	0.107314	0.526587	-1.89902
cg01292486	SRI;SRI	0.00427824	0.00670174	3.90318	3.90318	0.212873	1.63384	1.63384	0.0322981	0.385132	-2.59651	0.579546	0.812142	-1.23131	0.0397653	2.46701	2.46701
cg04854568	SRI;SRI	0.0105413	0.367967	0.88711	-1.12726	0.000144398	2.33499	2.33499	0.631098	1.06468	1.06468	0.716234	1.04842	1.04842	0.78502	1.03605	1.03605
cg08757864	SRI;SRI	0.0124701	0.443684	0.890461	-1.12301	0.327898	1.16187	1.16187	0.00103952	2.05732	2.05732	0.930579	0.987139	-1.01303	0.0255537	0.674257	-1.48311
cg15577605	SRI;SRI	0.0247914	0.0178407	2.43236	2.43236	0.817019	1.07416	1.07416	0.945006	0.978932	-1.02152	0.37488	0.754935	-1.32462	0.750014	1.1037	1.1037
cg27632621	SRI;SRI	0.030449	0.141252	0.721456	-1.38609	0.299896	1.24819	1.24819	0.026337	1.72218	1.72218	0.00314984	0.434852	-2.29963	0.479709	0.862202	-1.15982
cg26591162	SRL	1.03E-05	0.508817	1.08142	1.08142	0.965611	0.994978	-1.00505	0.00179343	0.595215	-1.68006	0.600423	1.06367	1.06367	0.00634371	0.660347	-1.51436
cg04105349	SRL	0.007303	0.672594	0.948308	-1.05451	0.37649	0.892861	-1.12	0.018348	0.699518	-1.42956	0.019956	0.704178	-1.42009	0.0447569	1.33333	1.33333
cg00739624	SRL	0.0106331	0.358818	0.868736	-1.1511	0.000822222	0.471578	-2.12054	0.00557462	0.581034	-1.72107	0.94487	1.01037	1.01037	0.128648	0.782772	-1.27751
cg02538852	SRL	0.0111569	0.00440805	0.335336	-2.98208	0.58909	0.854909	-1.16971	0.000946705	0.242472	-4.12419	0.677003	0.886549	-1.12797	0.0150314	0.423515	-2.36119
cg03833429	SRL	0.0120661	0.264449	0.699404	-1.42979	0.881516	1.04691	1.04691	0.0706779	0.537476	-1.86055	0.117734	1.68573	1.68573	0.115635	0.591129	-1.69168
cg01792616	SRL	0.0179078	0.00402339	0.228278	-4.38062	0.286091	0.654748	-1.52731	0.665735	0.846914	-1.18076	0.467696	0.753904	-1.32643	0.000886631	0.148976	-6.71251
cg07887168	SRL	0.025418	0.154212	0.518961	-1.92693	0.00574974	0.210844	-4.74285	0.0428803	0.367072	-2.72426	0.175273	0.538001	-1.85873	0.0102871	0.248917	-4.0174
cg08480903	SRL	0.0310912	0.00635671	1.64002	1.64002	0.00535499	1.66669	1.66669	0.774134	0.96072	-1.04089	0.970455	0.994855	-1.00517	0.708583	0.949053	-1.05368
cg13686362	SRM	0.00714467	0.755667	0.962134	-1.03936	0.335746	0.884482	-1.13061	0.663638	0.947324	-1.05561	0.00385057	0.617773	-1.61872	0.00550696	0.636833	-1.57027
cg19757631	SRM	0.0266245	0.052591	0.151665	-6.59346	0.017736	0.0847656	-11.7972	0.266415	0.371182	-2.6941	0.293453	0.39348	-2.54142	0.00728173	0.0516947	-19.3443
cg18273408	SRM	0.0289657	0.477662	1.34315	1.34315	0.00765487	4.05863	4.05863	0.00820815	3.98272	3.98272	0.66905	1.1921	1.1921	0.150864	0.533068	-1.87593
cg05644049	SRM	0.0314868	0.0849932	0.345818	-2.89169	0.00414885	0.117365	-8.5204	0.442648	0.646345	-1.54716	0.2617	0.520727	-1.92039	0.0163903	0.194844	-5.13231
cg00206407	SRMS	5.65E-06	0.000308812	1.71155	1.71155	0.0272555	1.27097	1.27097	0.0505043	0.815015	-1.22697	0.00111868	1.5534	1.5534	0.0109196	0.745869	-1.34072
cg03330516	SRMS	1.08E-05	0.000146341	0.509212	-1.96382	0.0100731	1.39853	1.39853	0.189001	0.866118	-1.15458	0.937121	1.00818	1.00818	6.01E-05	0.464886	-2.15107
cg12064459	SRMS	0.000496665	0.000114189	0.19485	-5.13215	0.000393173	0.255641	-3.91174	0.0793772	1.60057	1.60057	0.00537099	0.412534	-2.42404	0.000906433	0.301564	-3.31604
cg24818238	SRMS	0.00474225	0.938732	0.985943	-1.01426	0.724924	1.06723	1.06723	0.0325787	0.630867	-1.58512	0.800952	0.954541	-1.04762	0.00332852	0.479015	-2.08762
cg02732653	SRMS	0.0103502	0.882784	0.976234	-1.02434	0.682339	1.06939	1.06939	0.0443499	0.686238	-1.45722	0.0101367	1.69684	1.69684	0.00129557	0.465755	-2.14705
cg17793372	SRMS	0.0125848	0.0439037	1.77596	1.77596	0.0379957	1.81596	1.81596	0.27735	1.32338	1.32338	0.144688	1.47481	1.47481	0.0271084	1.9133	1.9133
cg00369372	SRMS	0.0221511	0.12452	0.65055	-1.53716	0.417443	0.807171	-1.2389	0.338789	0.774997	-1.29033	0.56315	0.859751	-1.16313	0.216119	0.714258	-1.40005
cg04406863	SRMS	0.0448244	0.941966	0.965756	-1.03546	0.0745053	0.386382	-2.58811	0.00810599	0.197411	-5.06557	0.0734314	2.59936	2.59936	0.805882	0.888844	-1.12506
cg05718567	SRP14	4.71E-07	0.00831068	1.51238	1.51238	4.21E-06	5.37385	5.37385	?	?	?	0.0238238	1.37949	1.37949	?	?	?
cg11580390	SRP14	0.0061256	0.299859	0.702439	-1.42361	0.0278942	0.425642	-2.34939	0.125105	0.57941	-1.72589	0.336743	1.38486	1.38486	0.000138053	0.114618	-8.72461
cg06483239	SRP14	0.0153331	0.418391	0.744535	-1.34312	0.93614	0.971817	-1.029	0.205492	1.61044	1.61044	0.385086	1.37394	1.37394	0.400319	0.735549	-1.35953
cg21274778	SRP14	0.0160863	0.55629	0.911885	-1.09663	0.678489	1.06675	1.06675	0.625241	1.07929	1.07929	0.106642	1.314	1.314	0.0487101	0.705418	-1.4176
cg08483425	SRP14	0.0222707	0.0892659	1.34814	1.34814	0.93839	1.0124	1.0124	0.188596	0.80086	-1.24866	0.237672	0.821028	-1.21799	0.00178543	0.49225	-2.03149
cg20752233	SRP14	0.0317084	0.00762084	0.209258	-4.7788	0.0043863	0.176501	-5.6657	0.216977	0.553097	-1.808	0.923453	0.957131	-1.04479	0.0319513	0.317942	-3.14523
cg23055839	SRP14;SRP14	3.03E-05	0.00110443	0.582338	-1.71722	0.0716979	1.25369	1.25369	0.0179401	1.38179	1.38179	0.00216407	0.616319	-1.62254	0.000107828	0.464128	-2.15458
cg02688903	SRP19	0.000471938	0.307992	1.15798	1.15798	2.54E-05	0.312949	-3.19541	0.000143075	0.402045	-2.48729	0.0343868	0.709631	-1.40918	0.10269	0.780208	-1.28171
cg00103045	SRP19	0.000660993	0.258598	1.12938	1.12938	0.953508	0.994	-1.00604	0.0475936	0.791463	-1.26348	0.00335223	0.662308	-1.50987	2.54E-05	0.422151	-2.36882
cg10460168	SRP19	0.0054258	0.0253259	0.351787	-2.84263	0.00100968	0.147041	-6.8008	0.131434	0.527347	-1.89628	0.700548	0.859123	-1.16398	0.0187171	0.326409	-3.06364
cg06941702	SRP19	0.0107509	0.0170236	1.25651	1.25651	0.00453413	0.74321	-1.34551	0.648678	0.964643	-1.03665	0.0284405	1.22502	1.22502	0.0156155	0.79243	-1.26194
cg01255486	SRP19	0.0117377	0.0129615	0.166071	-6.02151	0.0952869	0.344053	-2.90653	0.380824	0.592557	-1.6876	0.294036	0.530675	-1.88439	0.00230154	0.0837464	-11.9408
cg12809787	SRP19	0.0296784	0.0469049	0.698239	-1.43217	0.26485	0.832353	-1.20141	0.970774	0.994232	-1.0058	0.0174287	0.633138	-1.57943	0.637616	0.927818	-1.0778
cg04114590	SRP19	0.0337661	0.23068	0.623604	-1.60358	0.00270479	0.210926	-4.74099	0.0967202	0.504194	-1.98336	0.991077	1.00421	1.00421	0.0865017	0.491077	-2.03634
cg10484990	SRP19;SRP19	0.0169704	0.114688	1.48567	1.48567	0.0721584	0.629324	-1.58901	0.708025	1.09069	1.09069	0.925208	0.978566	-1.0219	0.597459	0.884291	-1.13085
cg18923964	SRP54;SRP54	0.00111192	0.145706	0.755632	-1.3234	0.877961	1.02795	1.02795	0.614491	1.09538	1.09538	0.839017	0.96417	-1.03716	0.806719	1.04495	1.04495
cg14166313	SRP54;SRP54	0.00523342	0.771947	1.02115	1.02115	0.0144581	1.24245	1.24245	0.00353011	1.32964	1.32964	0.00738558	0.779859	-1.28228	0.71527	1.02674	1.02674
cg16693897	SRP54;SRP54	0.0057781	0.0482663	0.828389	-1.20716	0.448721	0.93763	-1.06652	0.00235782	1.42461	1.42461	0.355784	1.08246	1.08246	0.00412514	1.37836	1.37836
cg01261044	SRP54;SRP54	0.0141015	0.416047	0.916211	-1.09145	0.00744	1.43745	1.43745	0.0439417	0.783695	-1.27601	0.0220099	0.748877	-1.33533	0.0736607	0.810646	-1.23358
cg22989813	SRP54;SRP54	0.0142097	0.693277	1.111	1.111	0.00231148	0.322912	-3.09682	0.013188	0.442214	-2.26135	0.587636	0.864687	-1.15649	0.00229044	0.322344	-3.10227
cg19900852	SRP54;SRP54	0.0354874	0.363237	0.909307	-1.09974	0.908373	0.988354	-1.01178	0.00927904	1.39916	1.39916	0.791517	1.02732	1.02732	0.106869	0.836018	-1.19615
cg15677132	SRP54;SRP54;SRP54;SRP54	0.000110935	0.47071	1.05066	1.05066	0.00233096	1.33143	1.33143	0.0761114	1.14215	1.14215	0.00197097	1.34244	1.34244	0.000721395	1.41405	1.41405
cg07552068	SRP54;SRP54;SRP54;SRP54	0.00219728	0.398225	1.14912	1.14912	0.630936	1.08089	1.08089	0.00132332	2.11815	2.11815	0.545979	1.10318	1.10318	0.00107628	2.1728	2.1728
cg23672176	SRP68	0.000253009	1.14E-05	0.138595	-7.21527	0.988044	1.00318	1.00318	0.650924	0.907926	-1.10141	0.0242926	0.565898	-1.7671	0.000500169	0.315219	-3.1724
cg07166266	SRP68	0.00355203	0.00527226	0.20813	-4.8047	0.000946692	0.122066	-8.19228	0.0850133	0.443696	-2.25379	0.406487	0.69604	-1.4367	0.00265493	0.169687	-5.8932
cg04180473	SRP68	0.00372	0.00895598	0.596982	-1.67509	0.00496771	0.56152	-1.78088	0.899709	0.980625	-1.01976	0.00129047	0.483002	-2.07039	0.639704	0.929451	-1.0759
cg08510930	SRP68	0.0037761	0.371897	0.822193	-1.21626	0.52942	1.14575	1.14575	0.48904	0.860633	-1.16194	0.445207	0.846882	-1.1808	0.000154548	0.250481	-3.99232
cg17108859	SRP68	0.00503926	0.0721362	0.866583	-1.15396	0.330746	0.930903	-1.07423	0.00163609	1.37964	1.37964	0.291515	1.08122	1.08122	0.0012209	0.713477	-1.40159
cg04151306	SRP68	0.00748333	0.568093	1.07732	1.07732	0.00460113	1.62716	1.62716	0.131954	1.23353	1.23353	0.616416	1.06737	1.06737	0.149164	1.221	1.221
cg26394308	SRP68	0.00775284	0.00889196	0.279166	-3.5821	0.00128636	0.16557	-6.03974	0.128737	0.532994	-1.87619	0.244806	0.627315	-1.59409	0.0184471	0.334345	-2.99092
cg22751101	SRP68	0.0131852	0.855652	1.10181	1.10181	0.143021	2.31197	2.31197	0.894142	1.07346	1.07346	0.0014822	0.0870606	-11.4863	?	?	?
cg27471537	SRP68	0.0151938	0.0584964	1.36967	1.36967	0.440621	1.12269	1.12269	0.145235	0.79439	-1.25883	0.0106484	0.623403	-1.6041	0.00625228	0.591932	-1.68938
cg03630736	SRP68	0.0200331	0.237751	1.77416	1.77416	0.126733	2.1506	2.1506	0.680054	0.825114	-1.21195	0.104794	2.2746	2.2746	0.0304117	3.25264	3.25264
cg12352315	SRP68;GALR2	0.000855883	0.646487	1.14761	1.14761	3.32E-05	0.0906288	-11.034	0.956327	1.01646	1.01646	0.252684	1.4279	1.4279	0.171844	0.648153	-1.54285
cg09655782	SRP72	0.0020386	0.795569	0.900451	-1.11055	0.368994	0.687954	-1.45359	0.545364	0.780714	-1.28088	0.860973	0.931662	-1.07335	0.243707	0.609029	-1.64196
ch.4.1172045R	SRP72	0.0028177	0.0946325	0.709462	-1.40952	0.00113412	2.44665	2.44665	0.0159629	1.73546	1.73546	0.439678	0.863079	-1.15864	0.471608	0.872132	-1.14662
cg12780322	SRP72	0.00671059	0.00044256	0.644294	-1.55209	0.982621	0.998275	-1.00173	0.885296	1.01151	1.01151	0.028751	0.81512	-1.22681	0.835034	1.01666	1.01666
cg04641168	SRP72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00311360	SRP9;SRP9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04222842	SRP9;SRP9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14607813	SRP9;SRP9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00777895	SRP9;SRP9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15064019	SRP9;SRP9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26298737	SRP9;SRP9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12555033	0.0309898	1.42181	1.42181	9.22E-06	0.263958	-3.78848	0.0686067	1.32745	1.32745	0.000271053	0.436197	-2.29254	49.6789	15.1938	0.271858	1
cg22060735	0.642525	1.15026	1.15026	0.000614717	4.85255	4.85255	0.0382289	0.487109	-2.05293	0.00184714	0.266093	-3.75808	13.8443	19.6641	1.26255	1
cg18355925	0.880711	0.979503	-1.02093	0.000268039	0.438348	-2.28129	0.153221	0.809834	-1.23482	0.21076	0.833721	-1.19944	6.26611	1.8875	0.267755	1
cg01447185	0.480387	1.12568	1.12568	0.211444	1.24267	1.24267	0.554591	0.906069	-1.10367	0.897892	1.02141	1.02141	5.01549	2.16343	0.383422	1
cg01612660	0.0259817	1.31619	1.31619	0.107848	1.2001	1.2001	0.284416	0.890828	-1.12255	0.124285	0.841117	-1.18889	3.61127	0.618161	0.152156	1
cg16912637	4.51E-05	0.451667	-2.21402	0.000106633	2.02214	2.02214	0.133271	0.846387	-1.18149	5.15E-05	0.458227	-2.18233	53.2648	8.94565	0.149286	1
cg11024682	0.0564047	1.35787	1.35787	0.00427427	1.71823	1.71823	0.546558	0.91722	-1.09025	0.0086621	0.622574	-1.60624	15.2717	4.85066	0.282332	1
cg15030378	?	?	?	0.0312936	1.61462	1.61462	0.00512985	2.08643	2.08643	?	?	?	23.8388	7.64376	0.320644	1
cg07097265	0.0706591	1.172	1.172	0.00173157	0.703916	-1.42062	0.0732327	1.16995	1.16995	0.739686	1.02655	1.02655	8.93419	0.873473	0.0869044	1
cg08323893	0.228542	0.777031	-1.28695	0.0613406	1.52321	1.52321	?	?	?	0.00552486	0.48289	-2.07086	5.58603	3.13374	0.560996	1
cg21652344	0.00274238	3.77678	3.77678	0.149059	0.60811	-1.64444	0.968105	0.987229	-1.01294	0.991401	0.996542	-1.00347	4.92643	8.06263	1.45476	1
cg13639244	0.171343	1.26062	1.26062	0.0231869	1.53975	1.53975	0.189598	0.801748	-1.24727	0.547433	1.10166	1.10166	4.90145	1.96314	0.35602	1
cg00341606	0.0576047	1.73231	1.73231	0.288866	1.32544	1.32544	0.461909	0.825591	-1.21125	0.753531	0.922558	-1.08394	4.31642	4.4768	0.921915	1
cg16657453	0.169482	1.43147	1.43147	0.302337	0.769605	-1.29937	0.447673	1.20885	1.20885	0.333966	1.27664	1.27664	3.88197	3.6931	0.845642	1
cg23875758	0.0655686	2.79529	2.79529	0.0184156	4.14697	4.14697	0.0787677	2.64068	2.64068	0.0982075	2.46495	2.46495	3.47015	13.5976	3.48306	1
cg25932461	0.910358	1.05763	1.05763	0.0901469	0.39489	-2.53235	0.00115388	0.0929473	-10.7588	0.203091	1.95115	1.95115	4.71966	18.5005	3.48433	1
cg21282452	0.183604	0.709087	-1.41026	0.00292009	2.7086	2.7086	0.23477	1.35456	1.35456	0.285305	1.31053	1.31053	4.29316	4.0374	0.835934	1
cg00830626	0.01912	0.552855	-1.80879	0.215449	1.31322	1.31322	0.053101	1.58296	1.58296	0.500243	0.866751	-1.15373	12.6897	8.77811	0.614889	1
cg12321073	0.00614972	0.437597	-2.28521	0.399169	1.22088	1.22088	0.0089498	2.15711	2.15711	0.017364	1.95389	1.95389	11.0108	9.32305	0.752642	1
cg04960243	0.627329	0.946608	-1.0564	0.00101353	0.578779	-1.72777	0.00942997	1.44636	1.44636	0.0661717	1.26003	1.26003	10.5437	2.10046	0.17708	1
cg05932791	0.406563	0.894038	-1.11852	6.61E-05	0.380895	-2.62539	0.346983	1.13627	1.13627	0.272782	0.860212	-1.1625	9.54563	2.63101	0.245	1
cg16041611	0.158758	0.759293	-1.31702	0.105002	1.38243	1.38243	7.84E-05	3.69073	3.69073	0.173796	1.30282	1.30282	9.15691	4.84652	0.470466	1
cg22996605	0.0492396	0.872888	-1.14562	0.000569221	0.72378	-1.38163	0.150406	1.09786	1.09786	0.0343325	1.16128	1.16128	8.48162	0.492778	0.051644	1
cg19146067	0.178659	0.845962	-1.18209	0.0312125	0.743808	-1.34443	0.108478	1.2275	1.2275	0.167308	0.841695	-1.18808	6.81315	1.479	0.19296	1
cg08834383	0.130156	0.80706	-1.23906	0.0573442	0.754341	-1.32566	0.0573919	0.754392	-1.32557	0.121027	0.802152	-1.24665	9.62325	2.6205	0.242053	1
cg26918471	0.454677	1.08779	1.08779	8.39E-05	0.457589	-2.18537	0.162448	1.17914	1.17914	0.976641	1.00324	1.00324	8.41669	1.62746	0.171876	1
cg13033509	0.810064	0.930935	-1.07419	0.43736	0.790193	-1.26551	0.495017	0.813882	-1.22868	0.313209	1.36348	1.36348	7.20064	10.0747	1.24367	1
cg20403628	0.566171	0.895879	-1.11622	0.000451936	0.350534	-2.85279	0.165112	1.32409	1.32409	0.552583	1.12065	1.12065	4.49007	2.55619	0.506044	1
cg09092344	0.0621343	0.316965	-3.15492	0.00681957	0.146958	-6.80468	0.356337	0.595089	-1.68042	0.0324352	0.254104	-3.93539	4.26766	20.2315	4.21391	1
cg05531284	0.877658	0.979448	-1.02098	0.339381	0.875688	-1.14196	0.890029	1.01882	1.01882	0.00948701	1.55746	1.55746	3.74527	1.07794	0.255835	1
cg22510727	0.0503958	0.581439	-1.71987	9.62E-05	0.18505	-5.40395	0.000223951	4.45113	4.45113	0.176623	0.705216	-1.41801	13.5341	12.6721	0.832271	1
cg05970811	0.0147137	0.421921	-2.37011	3.34E-05	0.0989974	-10.1013	0.25568	0.711036	-1.4064	0.02449	0.462928	-2.16016	11.813	15.4537	1.16284	1
cg23818595	0.00908957	1.82686	1.82686	0.0276819	1.60516	1.60516	0.160107	1.31369	1.31369	0.58715	0.905138	-1.1048	10.2034	5.34083	0.465279	1
cg19715314	0.907552	0.97932	-1.02112	0.548332	0.896497	-1.11545	0.842224	0.964786	-1.0365	0.00787329	0.541566	-1.8465	8.98997	4.60709	0.455529	1
cg11226252	0.223352	1.2407	1.2407	0.547228	1.10814	1.10814	0.00321268	1.96983	1.96983	0.00675517	0.553252	-1.80749	8.47141	3.81293	0.400084	1
cg26987521	0.621607	1.11617	1.11617	0.0163612	1.91229	1.91229	0.757822	1.07071	1.07071	0.0256102	0.556669	-1.7964	7.98167	6.16876	0.686992	1
cg01506756	0.520305	1.1128	1.1128	0.572768	1.09797	1.09797	0.922316	0.98413	-1.01613	0.5202	0.89861	-1.11283	6.9949	2.97994	0.378681	1
cg15260552	0.663082	1.10577	1.10577	0.717721	0.920108	-1.08683	0.79356	1.062	1.062	0.0122071	0.488612	-2.04661	6.56629	5.47044	0.740542	1
cg15326887	0.0057351	0.180391	-5.54351	0.0822832	2.48509	2.48509	0.866324	0.923417	-1.08293	0.447963	1.44157	1.44157	6.17367	19.438	3.14853	1
cg26214431	0.788157	0.903189	-1.10719	0.958563	0.980548	-1.01984	0.0108553	0.298396	-3.35126	0.0648921	0.456684	-2.1897	5.36979	12.1563	2.01229	1
cg17737263	0.391268	0.768865	-1.30062	0.117847	1.66223	1.66223	0.535244	1.20669	1.20669	0.686035	0.885499	-1.12931	4.97963	7.06144	1.2605	1
cg17430032	0.931831	1.01435	1.01435	0.0554874	1.43541	1.43541	0.744476	1.05598	1.05598	0.667447	0.930545	-1.07464	4.92809	2.16468	0.390448	1
cg00781208	0.0458504	0.568369	-1.75942	0.0087508	0.438515	-2.28042	0.124184	1.50825	1.50825	0.393553	0.805953	-1.24077	4.86133	4.6912	0.857782	1
cg05205563	0.819618	0.969498	-1.03146	0.0844882	1.29539	1.29539	0.43511	1.11405	1.11405	0.329491	0.87242	-1.14624	4.53778	1.3219	0.258942	1
cg22610533	0.0013873	0.546708	-1.82913	0.680285	0.947447	-1.05547	0.307463	0.871414	-1.14756	0.891965	0.982451	-1.01786	4.52371	1.21611	0.23896	1
cg17354987	0.160595	0.423776	-2.35974	0.0343137	0.243096	-4.11361	0.00613145	0.128916	-7.75698	0.03446	0.243465	-4.10737	4.50972	23.4356	4.61927	1
cg11362183	0.130267	1.40673	1.40673	0.0473099	1.60626	1.60626	0.832564	0.956753	-1.0452	0.659732	1.09694	1.09694	4.24991	2.93521	0.613915	1
cg07973246	0.635845	1.07684	1.07684	0.593636	0.919814	-1.08718	0.313077	1.17578	1.17578	0.984502	1.00302	1.00302	4.04852	1.54439	0.339084	1
cg09734541	0.211609	0.632881	-1.58008	0.911901	1.03923	1.03923	0.807391	0.918594	-1.08862	0.339994	0.710445	-1.40757	3.79103	7.25615	1.70136	1
cg01668352	0.447994	0.581711	-1.71907	0.0158215	0.126046	-7.93363	0.486564	1.64099	1.64099	0.0670396	0.237354	-4.21312	3.63105	28.2279	6.91025	1
cg25213452	0.959723	1.01023	1.01023	0.0229572	1.73057	1.73057	0.862102	1.03567	1.03567	0.106254	0.70073	-1.42708	3.91035	2.51719	0.5722	1
cg07451641	0.427293	1.27396	1.27396	0.504905	0.816991	-1.224	0.000191053	6.5389	6.5389	0.123671	1.64564	1.64564	11.21	15.8442	1.25636	1
cg01530962	3.08E-05	0.20787	-4.81069	0.203693	1.29564	1.29564	0.749726	1.06374	1.06374	0.144184	0.738686	-1.35376	9.50996	5.6138	0.524718	1
cg04377724	0.920004	1.0227	1.0227	0.00608655	2.22573	2.22573	0.776363	0.938356	-1.06569	0.686613	0.913371	-1.09484	9.45362	7.47283	0.702643	1
cg02777065	0.283833	0.640962	-1.56016	0.714452	0.863472	-1.15812	0.81481	0.91053	-1.09826	0.00363306	0.207633	-4.81619	8.57272	21.6661	2.24651	1
cg25686744	0.114652	0.881581	-1.13433	0.10104	1.14102	1.14102	0.0253317	0.822586	-1.21568	0.00182457	0.722223	-1.38461	7.03961	0.601654	0.0759707	1
cg09547042	0.305211	0.777481	-1.2862	0.294357	0.772726	-1.29412	0.582295	1.14076	1.14076	0.227198	0.740415	-1.35059	6.45065	5.74152	0.791172	1
cg08874974	0.0195107	0.490849	-2.03729	0.00170925	0.323397	-3.09218	0.0882736	1.60659	1.60659	0.0374882	0.544163	-1.83768	5.67858	5.7148	0.89456	1
cg03308831	0.806126	1.06956	1.06956	0.0538661	1.81954	1.81954	0.476925	1.21869	1.21869	0.991587	1.00289	1.00289	5.29208	6.26831	1.05286	1
cg25493409	0.479888	1.31891	1.31891	0.00366308	0.21992	-4.5471	0.932684	1.0331	1.0331	0.387109	0.710572	-1.40732	4.93594	11.6128	2.0913	1
cg26389316	0.345255	0.536231	-1.86487	0.00160427	0.0549554	-18.1966	0.0195142	0.163701	-6.10871	0.0978969	0.31222	-3.20287	4.87438	31.7279	5.78589	1
cg02775883	0.37871	0.723737	-1.38172	0.00220547	0.215198	-4.64688	0.279746	0.668787	-1.49524	0.0564481	0.46153	-2.16671	4.71595	9.57315	1.8044	1
cg03863358	0.0099396	0.522129	-1.91523	0.0546026	0.647168	-1.54519	0.118697	1.40216	1.40216	0.103172	0.700637	-1.42727	4.08489	2.57683	0.560729	1
cg12669543	0.901989	1.05873	1.05873	0.192894	0.528148	-1.89341	0.727517	0.850399	-1.17592	0.027482	3.34678	3.34678	4.02364	13.6763	3.02133	1
cg22580937	0.276606	0.833383	-1.19993	0.038733	0.680094	-1.47039	0.976342	1.00479	1.00479	0.170517	1.26501	1.26501	3.4585	1.4209	0.365194	1
cg18278184	0.356618	1.29131	1.29131	0.00215964	0.313131	-3.19355	0.283361	1.3506	1.3506	0.0247815	0.486467	-2.05564	8.08269	9.30731	1.02357	1
cg06041695	0.0081117	0.213485	-4.68418	9.93E-05	0.0429766	-23.2685	0.357816	0.649995	-1.53847	0.030792	0.314889	-3.17572	7.95785	26.1564	2.92166	1
cg26522946	0.4921	1.19605	1.19605	0.940446	1.01931	1.01931	0.0149611	2.20709	2.20709	0.0410829	0.539477	-1.85365	6.0578	6.15442	0.790183	1
cg27141489	0.017197	0.17942	-5.57352	0.0221978	0.197411	-5.06558	0.788804	0.853095	-1.1722	0.190624	0.440361	-2.27087	4.37362	24.2596	4.93047	1
cg13645409	0.032277	0.293467	-3.40754	0.0140841	0.227196	-4.40149	0.165896	0.485521	-2.05965	0.0605864	0.355367	-2.81399	3.98873	15.1058	3.36632	1
cg17342283	0.110853	1.25981	1.25981	0.141634	0.810486	-1.23383	0.121312	1.25024	1.25024	0.00334557	0.588082	-1.70044	16.6773	4.66913	0.248861	1
cg15655655	0.402476	0.881425	-1.13453	0.218971	1.20979	1.20979	0.00453369	1.74556	1.74556	0.0705966	0.742563	-1.34669	8.13303	2.79512	0.305489	1
cg02604407	0.518624	0.789763	-1.2662	0.00433887	0.237265	-4.2147	0.00716817	0.271861	-3.67834	0.000441265	0.115716	-8.64186	9.6196	17.1756	1.56229	1
cg01292486	0.0181197	0.333198	-3.00122	0.974758	1.01182	1.01182	0.000696473	0.127356	-7.85199	0.430728	0.741188	-1.34918	8.96829	19.1629	1.66191	1
cg04854568	0.485476	0.912278	-1.09616	0.788129	0.965711	-1.03551	0.127667	1.23783	1.23783	0.589129	1.07319	1.07319	5.8116	1.54438	0.236214	1
cg08757864	0.602908	1.08109	1.08109	0.0084409	1.64816	1.64816	0.769594	0.957305	-1.0446	0.857344	1.02709	1.02709	5.50433	1.92392	0.310691	1
cg15577605	0.0841698	1.80355	1.80355	0.00205956	0.261883	-3.8185	0.644768	1.15407	1.15407	0.276121	0.704918	-1.41861	4.36995	6.59385	1.34125	1
cg27632621	0.0607288	0.646422	-1.54698	0.938284	0.984147	-1.01611	0.586451	0.892839	-1.12002	0.707055	1.08102	1.08102	4.06531	2.74175	0.59949	1
cg26591162	0.754857	0.964081	-1.03726	2.45E-07	0.165325	-6.0487	8.87E-05	2.26988	2.26988	0.110712	0.816306	-1.22503	40.2669	8.69789	0.192005	1
cg04105349	0.774133	1.03658	1.03658	0.000475894	0.504086	-1.98379	0.250143	1.16191	1.16191	0.864366	0.978878	-1.02158	6.52817	1.61209	0.219506	1
cg00739624	0.220389	1.21186	1.21186	0.0879837	1.3242	1.3242	0.202804	0.81831	-1.22203	0.611169	0.926386	-1.07946	5.79544	2.04145	0.313112	1
cg02538852	0.0432059	0.512452	-1.9514	0.069674	0.55812	-1.79173	0.698855	0.89427	-1.11823	0.0162504	0.429619	-2.32765	5.70641	7.46785	1.16327	1
cg03833429	0.0694189	1.86696	1.86696	0.0012842	0.236293	-4.23203	0.0419262	2.05574	2.05574	0.622344	0.858473	-1.16486	5.56357	8.32545	1.33015	1
cg01792616	0.041993	0.408259	-2.44943	0.423075	0.731397	-1.36725	0.288855	0.656456	-1.52333	0.0404392	0.404619	-2.47146	4.88355	11.3031	2.05736	1
cg07887168	0.516418	0.75357	-1.32702	0.00319816	0.177141	-5.64523	0.426375	0.705197	-1.41804	0.0954639	0.454901	-2.19828	4.33216	12.689	2.60358	1
cg08480903	0.0370668	1.40099	1.40099	0.32099	0.866923	-1.15351	0.567069	0.922585	-1.08391	0.874659	0.978254	-1.02223	4.0352	1.23961	0.273067	1
cg13686362	0.0127508	0.682026	-1.46622	0.00237714	0.592193	-1.68864	0.508765	1.08643	1.08643	0.0954893	1.25419	1.25419	6.57303	1.59207	0.2153	1
cg19757631	0.0661411	0.171339	-5.8364	0.00481052	0.0406873	-24.5777	0.0145247	0.0760108	-13.156	0.18192	0.297402	-3.36246	4.26254	49.4515	10.3124	1
cg18273408	0.0480475	0.397148	-2.51795	0.717816	0.862173	-1.15986	0.251257	1.63205	1.63205	0.872105	1.06805	1.06805	4.13796	10.9437	2.35085	1
cg05644049	0.288394	0.540929	-1.84867	0.0126663	0.177704	-5.62735	0.0124414	0.176562	-5.66372	0.233798	0.498618	-2.00554	4.01703	19.775	4.37581	1
cg00206407	0.850197	1.0175	1.0175	4.00E-07	0.265101	-3.77215	1.58E-05	0.44134	-2.26583	0.304133	1.1026	1.1026	47.0306	6.27358	0.118572	1
cg03330516	0.00169957	0.629396	-1.58883	9.40E-06	0.372498	-2.68458	1.12E-06	0.270573	-3.69586	0.000532776	0.572969	-1.7453	39.7992	6.72478	0.150194	1
cg12064459	0.694348	0.909018	-1.10009	0.687408	1.10263	1.10263	0.00326337	0.379588	-2.63444	0.443574	1.20765	1.20765	14.3171	13.2284	0.821296	1
cg24818238	0.253932	1.24534	1.24534	0.000759171	0.390653	-2.55981	0.0020967	0.450669	-2.21893	0.927457	1.01691	1.01691	7.45794	4.00612	0.477477	1
cg02732653	0.210769	0.806557	-1.23984	0.0399863	0.679078	-1.47259	0.111951	0.754128	-1.32604	0.178214	0.791981	-1.26266	5.84582	2.46091	0.374195	1
cg17793372	0.0225408	1.96904	1.96904	0.000608326	3.70692	3.70692	0.0177305	2.04454	2.04454	0.0226062	1.96815	1.96815	5.48794	5.34616	0.865925	1
cg00369372	0.475631	1.20626	1.20626	0.0130844	0.451274	-2.21595	0.00101324	0.283508	-3.52723	0.240563	1.37387	1.37387	4.54325	4.80877	0.940838	1
cg04406863	0.597495	1.29048	1.29048	0.0158968	0.243334	-4.10958	0.662522	1.23389	1.23389	0.541684	0.744043	-1.34401	3.53069	12.8077	3.22448	1
cg05718567	0.00038953	0.4673	-2.13995	4.21E-07	0.0835447	-11.9696	0.00108554	0.533763	-1.87349	9.92E-08	0.0422355	-23.6767	266.939	38.9793	0.125163	1
cg11580390	0.0184079	0.390568	-2.56037	0.0718485	0.516519	-1.93604	0.55389	0.821318	-1.21755	0.101272	0.554394	-1.80377	6.8949	11.8013	1.52142	1
cg06483239	0.000258933	0.117137	-8.53704	0.359169	0.714372	-1.39983	0.224023	0.634006	-1.57727	0.531906	0.797811	-1.25343	5.14317	10.367	1.79172	1
cg21274778	0.00679403	0.580603	-1.72235	0.00368276	1.83769	1.83769	0.198421	1.23451	1.23451	0.746329	0.950933	-1.0516	5.06192	1.92624	0.338253	1
cg08483425	0.101459	1.33092	1.33092	0.272802	0.833639	-1.19956	0.681266	1.06805	1.06805	0.0960376	1.33829	1.33829	4.53486	1.82532	0.357786	1
cg20752233	0.107923	0.449463	-2.22488	0.104837	0.445715	-2.24359	0.0220496	0.285988	-3.49665	0.136861	0.481636	-2.07625	4.00698	13.19	2.92601	1
cg23055839	2.96E-05	0.398587	-2.50886	1.74E-05	0.372007	-2.68812	0.00825321	1.46203	1.46203	0.0837083	1.24012	1.24012	30.3867	6.08363	0.177962	1
cg02688903	0.340762	1.14621	1.14621	0.00800653	0.623527	-1.60378	0.832759	0.971035	-1.02983	0.19125	0.825031	-1.21208	14.5212	4.4435	0.272001	1
cg00103045	0.247384	0.882637	-1.13297	0.00248895	0.647982	-1.54325	0.0434887	1.27081	1.27081	0.365188	0.908426	-1.10081	13.2215	2.23117	0.150003	1
cg10460168	0.0678634	0.4477	-2.23364	0.00199976	0.180114	-5.55205	0.00193196	0.17833	-5.60758	0.0213042	0.337074	-2.9667	7.15733	17.5024	2.17367	1
cg06941702	0.396605	0.934144	-1.0705	0.282349	0.916061	-1.09163	0.112605	0.873237	-1.14516	0.243837	1.10042	1.10042	5.77495	0.563308	0.0867053	1
cg01255486	0.0286966	0.222624	-4.49188	0.00452728	0.110572	-9.0439	0.176254	2.30946	2.30946	0.0406169	0.252513	-3.96019	5.61357	30.1307	4.77109	1
cg12809787	0.00152004	0.486274	-2.05645	0.857333	0.971985	-1.02882	0.450161	1.12919	1.12919	0.537679	1.10356	1.10356	4.1025	1.62008	0.351024	1
cg04114590	0.269596	0.649358	-1.53998	0.0110609	0.302178	-3.30931	0.0174689	0.337381	-2.96401	0.363077	0.703941	-1.42057	3.91757	8.75148	1.98569	1
cg10484990	0.395469	0.818063	-1.2224	0.000460223	0.280169	-3.56927	0.282246	1.29414	1.29414	0.671763	0.906331	-1.10335	4.97238	4.19333	0.749622	1
cg18923964	?	?	?	1.41E-05	0.197107	-5.07339	0.819927	0.959925	-1.04175	0.852998	1.03383	1.03383	11.6866	5.29387	0.452987	1
cg14166313	0.55214	0.957599	-1.04428	0.0592783	0.857805	-1.16577	0.247868	1.09092	1.09092	0.00468123	1.31103	1.31103	7.23695	0.594695	0.0730443	1
cg16693897	0.707398	1.03195	1.03195	0.00207453	1.43571	1.43571	0.0510725	1.20363	1.20363	0.395399	1.07531	1.07531	7.02026	0.773686	0.0979623	1
cg01261044	0.892681	1.01431	1.01431	0.295727	0.892126	-1.12092	0.701652	0.960288	-1.04135	0.0119912	1.39089	1.39089	5.28731	0.92804	0.15602	1
cg22989813	0.428716	1.23929	1.23929	0.884752	0.962219	-1.03926	0.483594	0.827745	-1.2081	0.119586	0.638599	-1.56593	5.27404	5.88987	0.992682	1
cg19900852	0.00993089	1.39285	1.39285	0.175485	0.863657	-1.15787	0.268644	0.889387	-1.12437	0.453908	1.08071	1.08071	3.84781	0.630856	0.145735	1
cg15677132	6.31E-06	1.9721	1.9721	0.00669776	0.789112	-1.26725	0.309142	1.07345	1.07345	0.0309117	0.843115	-1.18608	21.5339	1.54665	0.0638435	1
cg07552068	0.000208145	2.71151	2.71151	0.96079	1.00793	1.00793	0.215079	0.810825	-1.23331	0.11943	1.31198	1.31198	9.38068	3.83651	0.363538	1
cg23672176	0.16499	0.730455	-1.36901	0.000567405	0.322274	-3.10295	0.82543	0.954237	-1.04796	0.0489368	1.61088	1.61088	17.2337	12.2734	0.633043	1
cg07166266	0.00377397	0.188664	-5.30043	0.00232635	0.162937	-6.13735	0.00669759	0.22297	-4.48491	0.293689	0.628282	-1.59164	8.13778	23.4658	2.56316	1
cg04180473	0.000900573	0.462571	-2.16183	0.557252	1.09649	1.09649	0.341694	1.1642	1.1642	0.0299241	0.672752	-1.48643	8.0258	3.0608	0.338995	1
cg08510930	0.000835362	0.341757	-2.92606	0.0817588	0.662379	-1.50971	0.790204	1.0586	1.0586	0.140003	0.71242	-1.40367	7.9898	5.77077	0.642015	1
cg17108859	0.446197	1.05696	1.05696	0.502631	0.952621	-1.04974	0.0479283	0.851008	-1.17508	0.30325	1.07905	1.07905	7.32109	0.590189	0.0716577	1
cg04151306	0.388304	1.1209	1.1209	0.00215363	0.573435	-1.74388	0.0286762	1.39536	1.39536	0.0138405	1.48088	1.48088	6.47852	1.7096	0.234566	1
cg26394308	0.123251	0.527332	-1.89634	0.00268568	0.203902	-4.90433	0.00448229	0.234005	-4.27341	0.0379604	0.397637	-2.51486	6.40704	14.906	2.068	1
cg22751101	?	?	?	0.0139827	0.198681	-5.03321	0.169538	0.458801	-2.17959	0.352959	1.66345	1.66345	5.64087	19.6985	3.99097	1
cg27471537	0.0180054	0.65513	-1.52641	0.209808	1.21471	1.21471	0.452595	1.11919	1.11919	0.374427	0.874446	-1.14358	5.15875	1.76937	0.304875	1
cg03630736	0.0123562	4.23738	4.23738	0.00658437	0.194812	-5.13316	0.215444	1.83019	1.83019	0.127557	2.14647	2.14647	4.70192	16.0033	3.0254	1
cg12352315	0.0277329	0.460372	-2.17216	0.00110711	0.238539	-4.19219	0.0206321	0.435562	-2.29588	0.00549928	0.336836	-2.9688	12.2959	17.3096	1.25133	1
cg09655782	2.50E-05	0.0222895	-44.8643	0.789406	0.897526	-1.11417	0.0212176	0.316096	-3.1636	0.95127	0.975628	-1.02498	11.4266	28.8773	1.96561	1
ch.4.1172045R	0.886609	1.02702	1.02702	0.000925307	0.396812	-2.52009	0.598197	1.10447	1.10447	0.0384979	1.56508	1.56508	8.71869	4.82046	0.491456	1
cg12780322	0.010304	1.292	1.292	0.0690054	0.851069	-1.17499	0.643935	0.963785	-1.03758	0.111211	0.871525	-1.14741	6.70266	0.666756	0.0884233	1
cg04641168	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00311360	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04222842	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14607813	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00777895	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15064019	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26298737	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07193504	SRP9;SRP9	0.04076	0.009391	0.177378	-5.63769	0.274827	0.550645	-1.81605	0.0833825	0.365497	-2.736	0.4349	0.658108	-1.51951	0.0110439	0.187509	-5.33308	0.422389	0.650271	-1.53782	0.0281642	0.25632	-3.90137	0.01086	0.186438	-5.36373	0.114811	0.40634	-2.46099	3.65766	15.9761	3.88253	1
cg19164296	SRPK1	0.000360826	0.179218	0.714464	-1.39965	2.02E-05	0.131165	-7.624	0.000455955	0.272202	-3.67374	0.893713	0.96899	-1.032	0.00297592	0.382723	-2.61286	0.0423064	0.576289	-1.73524	0.218448	1.35668	1.35668	0.0927541	1.54634	1.54634	0.00536944	0.421507	-2.37244	15.6378	13.7534	0.781779	1
cg08603125	SRPK1	0.000428022	0.182557	0.732009	-1.3661	0.493811	0.857919	-1.16561	0.00107197	0.344496	-2.90279	0.107449	0.678778	-1.47324	8.25E-05	0.20926	-4.77875	0.00142271	0.361342	-2.76746	5.45E-05	0.190536	-5.24836	0.229668	0.757324	-1.32044	0.00324127	0.412505	-2.42421	14.9188	11.4917	0.684694	1
cg13866752	SRPK1	0.00121958	0.497013	1.13569	1.13569	0.000123116	3.4419	3.4419	0.00041853	2.80721	2.80721	0.683703	0.927204	-1.07851	0.29879	0.819784	-1.21983	0.261011	0.805493	-1.24148	0.0269272	0.616623	-1.62174	0.373077	1.18379	1.18379	0.0802735	1.43051	1.43051	11.1203	5.99627	0.479306	1
cg26945780	SRPK1	0.0165578	0.0602028	0.390619	-2.56004	0.373022	1.50014	1.50014	0.249878	0.586684	-1.7045	0.0209704	0.291795	-3.42706	0.000961167	0.112974	-8.85158	0.0482448	0.367505	-2.72105	0.888793	0.93984	-1.06401	0.200376	0.548906	-1.82181	0.0193924	0.285469	-3.50301	5.01343	15.6154	2.76863	1
cg05381900	SRPK1	0.0295986	0.164033	0.699651	-1.42928	0.00317763	0.379409	-2.63567	0.0326143	0.548003	-1.82481	0.0609911	0.601759	-1.6618	0.00604602	0.422116	-2.36902	0.663322	1.11111	1.11111	0.259459	0.753553	-1.32705	0.792098	0.938437	-1.0656	0.171745	0.70474	-1.41896	4.10641	3.76251	0.814447	1
cg03564606	SRPK1	0.0387475	0.13884	0.599168	-1.66898	0.339734	0.728816	-1.37209	0.783625	1.09253	1.09253	0.263258	0.687322	-1.45492	0.00416441	0.290945	-3.43708	0.713904	0.888359	-1.12567	0.00355727	0.280868	-3.5604	0.79843	1.08575	1.08575	0.194401	0.643168	-1.5548	3.72645	6.10004	1.45507	1
cg18451957	SRPK1	0.0427146	0.306827	0.582012	-1.71818	0.0218442	0.244672	-4.08711	0.493376	0.700552	-1.42744	0.517129	0.714609	-1.39937	0.00363732	0.133599	-7.48507	0.347686	0.609756	-1.64	0.00950462	0.186209	-5.37031	0.538116	0.726925	-1.37566	0.0585263	0.33505	-2.98463	3.59474	14.9026	3.68505	1
cg14167474	SRPK1	0.0458565	0.928381	0.985733	-1.01447	0.318846	1.17901	1.17901	0.91104	0.982294	-1.01803	0.514814	1.11135	1.11135	0.929433	0.985942	-1.01426	0.273583	0.833504	-1.19975	0.000861959	0.449483	-2.22478	0.878123	1.02483	1.02483	0.800172	0.960269	-1.04138	3.50069	1.41653	0.359684	1
cg16949786	SRPK1;SRPK1	0.00700918	0.00148509	0.692974	-1.44306	0.088576	1.16222	1.16222	0.428937	0.937427	-1.06675	0.0240261	0.80622	-1.24036	0.02154	1.2472	1.2472	0.165612	1.12561	1.12561	0.113671	0.871334	-1.14767	0.0333067	0.819504	-1.22025	0.462707	1.06165	1.06165	6.61241	0.670578	0.0901439	1
cg15881944	SRPK2	0.00050958	0.000899076	0.454276	-2.20131	0.841922	1.03221	1.03221	0.000317024	0.396094	-2.52465	0.699407	0.940255	-1.06354	6.63E-05	0.313065	-3.19422	0.00901914	0.590312	-1.69402	0.00230029	0.50842	-1.96688	0.0668923	0.721695	-1.38563	0.00144111	0.481268	-2.07785	14.2155	5.67582	0.354907	1
cg27227281	SRPK2	0.00103669	0.675502	0.938784	-1.06521	0.0466651	0.710495	-1.40747	0.549621	1.09509	1.09509	0.0010193	0.481464	-2.077	0.835356	0.969255	-1.03172	0.0346415	0.691025	-1.44713	3.06E-05	0.294605	-3.39437	0.130463	0.782656	-1.2777	0.00505363	0.573343	-1.74416	11.6469	4.1529	0.316949	1
cg14141459	SRPK2	0.00123452	0.919377	1.01214	1.01214	0.00707031	1.51404	1.51404	0.231607	1.16126	1.16126	0.123861	1.21967	1.21967	0.0136525	0.69524	-1.43835	0.715115	1.04465	1.04465	8.09E-05	0.428496	-2.33374	0.0209999	1.39215	1.39215	0.735497	1.04123	1.04123	11.0817	2.49201	0.19989	1
cg18976571	SRPK2	0.00138502	0.0081985	0.417247	-2.39666	0.0165846	0.469487	-2.12999	0.872562	0.959368	-1.04235	0.409903	0.804312	-1.2433	0.00016774	0.191029	-5.23482	0.609884	1.14222	1.14222	0.000363144	0.228365	-4.37895	0.0159933	0.466688	-2.14276	0.00397466	0.367629	-2.72013	10.7226	11.3392	0.940006	1
cg14497787	SRPK2	0.00268451	0.648955	0.922155	-1.08442	0.00854187	1.81007	1.81007	0.185717	0.780258	-1.28163	0.366969	1.17808	1.17808	7.26E-05	0.278913	-3.58535	0.543112	1.11499	1.11499	0.994991	0.998891	-1.00111	0.325084	1.19685	1.19685	0.688707	0.931266	-1.07381	8.84441	4.38008	0.44021	1
cg06940195	SRPK2	0.0111559	0.77766	0.970682	-1.0302	0.0583325	1.25216	1.25216	0.598329	1.05747	1.05747	0.000395361	1.80957	1.80957	0.0293583	1.30964	1.30964	0.0246082	1.32494	1.32494	0.0163333	1.36151	1.36151	0.783587	1.02936	1.02936	0.183109	1.16007	1.16007	5.70658	0.998572	0.155543	1
cg00082656	SRPK2	0.038362	0.364428	0.778325	-1.28481	0.0176059	0.459957	-2.17411	0.0203895	0.4716	-2.12044	0.712729	1.10456	1.10456	0.867227	0.956004	-1.04602	0.344988	0.769857	-1.29894	0.0115279	2.33881	2.33881	0.410252	1.25413	1.25413	0.711824	1.10492	1.10492	3.74013	4.28319	1.01795	1
cg24315860	SRPK2	0.0425061	0.0377013	1.58578	1.58578	0.283798	1.23738	1.23738	0.0610454	1.49752	1.49752	0.727937	0.93538	-1.06908	0.178041	0.760522	-1.31489	0.41663	0.85317	-1.1721	0.00785528	1.92024	1.92024	0.17905	1.31395	1.31395	0.0491747	1.5365	1.5365	3.60128	2.08691	0.515103	1
cg21021145	SRPK2;SRPK2	0.00120833	0.920474	1.01492	1.01492	0.0597447	1.37024	1.37024	0.743562	0.952494	-1.04988	0.00191935	1.91797	1.91797	0.0487635	0.716276	-1.39611	0.0233198	0.669057	-1.49464	0.000971891	0.482989	-2.07044	0.00111859	2.03719	2.03719	0.211304	1.21562	1.21562	11.1497	3.88188	0.309475	1
cg08009697	SRPK2;SRPK2	0.001742	0.0041473	0.317817	-3.14647	0.00058101	0.204553	-4.8887	0.051731	0.516673	-1.93546	0.0102844	0.381151	-2.62363	0.00356975	0.308078	-3.24594	0.00945317	0.37494	-2.66709	0.0025704	0.287411	-3.47934	0.276214	1.4019	1.4019	0.00146899	0.254227	-3.93349	10.0366	14.1415	1.25243	1
cg13457392	SRPK2;SRPK2	0.00189898	0.0586921	0.751395	-1.33086	0.126018	1.24804	1.24804	0.112833	0.793739	-1.25986	0.117117	1.25587	1.25587	0.00130848	0.534578	-1.87063	0.119152	1.25403	1.25403	0.00114535	1.89632	1.89632	0.0296634	1.40863	1.40863	0.0119038	1.52215	1.52215	9.78845	2.77717	0.252195	1
cg24867601	SRPK2;SRPK2	0.0020224	0.586112	0.938563	-1.06546	0.00408208	1.55968	1.55968	0.00120465	1.72791	1.72791	0.153315	1.19284	1.19284	0.00158312	0.592705	-1.68718	0.842227	0.977279	-1.02325	0.0166624	0.713825	-1.4009	0.0689284	1.26459	1.26459	0.275554	1.13976	1.13976	9.61066	2.02445	0.187241	1
cg13220896	SRPK2;SRPK2	0.00424835	0.437091	1.12454	1.12454	0.00131796	1.99768	1.99768	0.57599	1.08725	1.08725	0.0056723	1.71137	1.71137	0.380195	1.14257	1.14257	0.138525	1.26632	1.26632	0.000209278	2.50514	2.50514	0.464403	1.11656	1.11656	0.0324036	1.44896	1.44896	7.71098	2.67721	0.308618	1
cg06831761	SRPK2;SRPK2	0.0283723	0.122947	1.32884	1.32884	0.0713209	0.709882	-1.40868	0.0880337	0.725963	-1.37748	0.10272	0.73806	-1.3549	0.369536	0.854896	-1.16973	0.131994	0.758379	-1.3186	0.00411458	1.92461	1.92461	0.556698	0.903818	-1.10642	0.870021	1.02825	1.02825	4.16833	1.91057	0.407425	1
cg25883405	SRPK2;SRPK2	0.0319318	0.00126253	0.0436798	-22.8939	0.860209	0.88935	-1.12442	?	?	?	0.212931	0.417856	-2.39317	?	?	?	0.869983	0.896754	-1.11513	0.149778	0.357988	-2.79339	0.399937	0.563713	-1.77395	0.048753	0.223739	-4.46949	4.14623	22.6023	6.23005	1
cg00365499	SRPK2;SRPK2;SRPK2	5.40E-05	0.000520273	0.297415	-3.36231	0.0225822	1.79421	1.79421	0.0110814	1.98805	1.98805	0.010266	0.497339	-2.0107	3.20E-06	0.0694509	-14.3987	?	?	?	0.000439711	0.287365	-3.4799	0.54688	0.880698	-1.13546	0.448712	1.17474	1.17474	35.6272	21.2431	0.521728	1
cg05184436	SRPK3;SRPK3;SRPK3	2.97E-05	0.193279	0.848969	-1.1779	1.94E-06	0.24611	-4.06322	0.868938	1.01984	1.01984	0.864678	1.02049	1.02049	0.348614	0.891576	-1.12161	4.80E-06	0.288312	-3.46846	0.0158841	1.4209	1.4209	0.0535379	0.770454	-1.29794	0.298411	0.879684	-1.13677	30.535	6.84074	0.199137	1
cg25914109	SRPK3;SRPK3;SRPK3	0.000302899	0.914799	1.03817	1.03817	8.50E-05	0.0844094	-11.847	0.000765434	0.167921	-5.9552	0.00667609	0.291739	-3.42772	0.000112666	0.093027	-10.7496	0.0912193	0.521438	-1.91777	0.000419187	0.141182	-7.08305	0.762091	1.11214	1.11214	0.343493	1.40719	1.40719	16.4069	31.84	1.72502	1
cg12468189	SRPK3;SRPK3;SRPK3	0.00440009	0.01274	0.610981	-1.63671	0.972602	0.994548	-1.00548	0.0392316	0.68402	-1.46195	0.678292	0.935757	-1.06865	0.00540455	0.558288	-1.79119	0.189138	1.24787	1.24787	0.278647	1.1964	1.1964	0.000772	2.24862	2.24862	0.645888	1.07643	1.07643	7.62949	3.06193	0.356736	1
cg02279124	SRPK3;SRPK3;SRPK3	0.0141782	0.024895	0.559919	-1.78597	0.385332	0.824187	-1.21332	0.0849266	0.661077	-1.51268	0.160705	0.722147	-1.38476	0.0213948	0.548448	-1.82333	0.708395	0.921618	-1.08505	0.107529	1.46462	1.46462	0.00301204	2.41959	2.41959	0.949848	0.986427	-1.01376	5.27788	3.94537	0.66447	1
cg24074926	SRPK3;SRPK3;SRPK3	0.0147309	0.417642	0.766452	-1.30471	0.0215803	2.42566	2.42566	0.423008	0.768897	-1.30056	0.107593	1.75755	1.75755	0.0120129	0.365647	-2.73488	0.600057	1.18518	1.18518	0.0226579	0.416342	-2.40187	0.0247212	2.36	2.36	0.10534	1.76512	1.76512	5.21178	8.51199	1.45175	1
cg21573692	SRPR;FOXRED1	0.00142395	0.934363	1.01287	1.01287	0.176886	0.800264	-1.24959	0.175889	1.25031	1.25031	0.26565	1.19728	1.19728	0.560425	0.912667	-1.09569	0.0287068	0.669965	-1.49262	2.17E-05	0.265777	-3.76255	0.636122	1.07679	1.07679	0.587161	1.08882	1.08882	10.6376	4.05939	0.339208	1
cg20512519	SRPR;FOXRED1	0.00596537	0.00880615	1.64033	1.64033	0.00489993	1.73881	1.73881	0.0154905	1.55367	1.55367	0.1405	0.790368	-1.26523	0.0753029	0.745406	-1.34155	0.318286	0.85809	-1.16538	0.00986502	0.616404	-1.62231	0.444069	1.12274	1.12274	0.286518	1.17847	1.17847	6.95157	2.42376	0.309923	1
cg16757658	SRPR;FOXRED1	0.049204	0.62954	0.959152	-1.04259	0.265374	0.905207	-1.10472	0.115526	0.863464	-1.15813	0.41099	0.930404	-1.0748	0.348046	1.08643	1.08643	0.814424	0.980027	-1.02038	0.000991825	0.657174	-1.52167	0.402405	0.929109	-1.0763	0.768762	0.975021	-1.02562	3.40884	0.39748	0.103647	1
cg20390545	SRPRB	3.44E-06	0.622005	1.0356	1.0356	1.68E-06	0.429353	-2.32908	1.32E-06	0.41781	-2.39343	0.000186057	1.55923	1.55923	0.000189931	0.6422	-1.55715	0.0107572	1.25305	1.25305	0.00269468	1.33894	1.33894	0.492121	1.05034	1.05034	0.000847445	0.7025	-1.42349	53.4274	4.19295	0.0697595	1
cg01409985	SRPRB	0.000715737	0.119438	1.3605	1.3605	0.261939	1.23754	1.23754	0.0212543	0.603815	-1.65614	0.0579155	1.47785	1.47785	0.000158468	0.308258	-3.24403	0.0204411	0.601112	-1.66358	0.000573765	0.378615	-2.64121	0.00168347	0.441324	-2.26591	0.116397	0.732826	-1.36458	12.9301	6.79775	0.467316	1
cg15611150	SRPRB	0.000778378	0.00972959	0.777133	-1.28678	0.000736695	1.48496	1.48496	0.0568051	1.18084	1.18084	0.595505	1.04218	1.04218	0.00737774	0.766276	-1.30501	0.000267741	0.630531	-1.58596	0.011654	0.784203	-1.27518	0.362573	0.930386	-1.07482	0.901532	1.00959	1.00959	12.6291	1.18917	0.0836991	1
cg13053595	SRPRB	0.0392859	0.0742478	0.53039	-1.8854	0.167637	0.625703	-1.5982	0.0580516	0.505107	-1.97978	0.108665	0.572443	-1.7469	0.819388	0.929682	-1.07564	0.0861053	0.546296	-1.83051	0.0404731	0.470292	-2.12634	0.235498	0.672762	-1.48641	0.00148889	0.232098	-4.30853	3.70763	5.96817	1.43084	1
cg19875216	SRPRB	0.0472053	0.0765516	0.677004	-1.4771	0.19996	0.764835	-1.30747	0.545476	0.885902	-1.12879	0.0737164	0.673853	-1.484	0.0458535	0.635593	-1.57333	0.275444	1.25189	1.25189	0.00775725	0.508125	-1.96802	0.918457	0.979927	-1.02048	0.137216	1.37296	1.37296	3.46272	2.15013	0.551942	1
cg13148563	SRPX2	0.00106384	0.0708967	1.30379	1.30379	0.544442	0.922521	-1.08399	0.0187401	0.687657	-1.45421	0.0311664	1.39439	1.39439	0.000394297	0.476137	-2.10024	0.0333699	1.38661	1.38661	0.000458087	2.06549	2.06549	0.477802	0.909486	-1.09952	0.603752	0.933483	-1.07126	11.5616	3.16443	0.243289	1
cg08141744	SRPX2	0.0196924	0.830109	0.881697	-1.13418	0.0791051	0.319065	-3.13416	0.0839898	0.326154	-3.06604	0.681948	0.78549	-1.27309	0.0041989	0.105723	-9.45865	0.0444181	0.25853	-3.86802	0.0027811	0.0892377	-11.206	0.227111	0.47567	-2.1023	0.0110016	0.154242	-6.4833	4.72938	25.7184	4.83379	1
cg02779592	SRPX2	0.0333393	0.00912862	0.224076	-4.46277	0.147781	0.495914	-2.01648	0.0163589	0.26567	-3.76407	0.00968063	0.228004	-4.38588	0.0440957	0.351803	-2.8425	0.684837	0.831693	-1.20237	0.0231635	0.293431	-3.40795	0.0867755	0.425576	-2.34976	0.0807024	0.416928	-2.39849	3.93555	12.7141	2.87162	1
cg19481953	SRPX2	0.0473601	0.469548	1.33362	1.33362	0.41306	0.720772	-1.3874	0.584638	0.805747	-1.24108	0.0528624	0.422735	-2.36555	0.0188607	0.328578	-3.04342	0.0165271	3.14496	3.14496	0.0737231	0.45839	-2.18155	0.618529	1.21703	1.21703	0.564882	0.796377	-1.25569	3.45845	8.38592	2.15534	1
cg05911774	SRPX2;SRPX2	0.000144445	0.000260126	0.120013	-8.33244	0.000319978	0.127985	-7.81341	0.000688976	0.160587	-6.22717	0.000857636	0.170815	-5.85427	0.000122126	0.093754	-10.6662	0.0245873	0.38869	-2.57275	2.39E-05	0.0510713	-19.5805	0.00284718	0.234657	-4.26154	0.00126682	0.190094	-5.26056	20.0598	39.5785	1.7538	1
cg19547549	SRPX2;SRPX2	0.01476	0.108358	0.459283	-2.1773	0.0133957	0.256522	-3.89829	0.00879703	0.227183	-4.40173	0.0701303	0.406807	-2.45817	0.00851611	0.225036	-4.44372	0.305159	0.623944	-1.60271	0.00242674	0.153301	-6.52313	0.304195	0.623316	-1.60432	0.0110384	0.242659	-4.12101	5.20839	16.2778	2.77805	1
cg24666876	SRPX2;SRPX2	0.020247	0.00636374	0.151021	-6.62161	0.0049987	0.138437	-7.22351	0.0897018	0.369434	-2.70684	0.152885	0.4427	-2.25887	0.0441468	0.292045	-3.42413	0.0696592	0.339608	-2.94457	0.00809755	0.164492	-6.07931	0.0136085	0.196937	-5.07777	0.422973	0.64685	-1.54595	4.68497	21.023	3.98873	1
cg23849777	SRPX;SRPX;SRPX;SRPX	0.0199947	0.164404	0.463904	-2.15562	0.00687141	0.163313	-6.12323	0.0237369	0.247184	-4.04557	0.0843249	0.372075	-2.68763	0.00321857	0.124747	-8.01621	0.0457692	0.305556	-3.27272	0.111569	0.407674	-2.45294	0.280634	0.559548	-1.78716	0.00682148	0.162901	-6.1387	4.70499	19.9751	3.7738	1
cg08480367	SRPX;SRPX;SRPX;SRPX	0.0331656	0.307577	1.67452	1.67452	0.481523	1.41794	1.41794	0.255282	0.56006	-1.78552	0.339232	1.61737	1.61737	0.11093	0.428403	-2.33425	0.0282369	3.54131	3.54131	0.00743209	0.185849	-5.38071	0.0697293	2.69126	2.69126	0.523363	1.3712	1.3712	3.94295	14.8778	3.35402	1
cg15731038	SRPX;SRPX;SRPX;SRPX	0.0347053	0.0321332	2.20106	2.20106	0.741052	0.90101	-1.10987	0.148359	0.614269	-1.62795	0.055427	0.50539	-1.97867	0.0397918	0.47373	-2.11091	0.0247369	2.31719	2.31719	0.127281	1.67925	1.67925	0.86636	0.948436	-1.05437	0.506148	0.808934	-1.23619	3.87898	6.06976	1.39092	1
cg14759284	SRPX;SRPX;SRPX;SRPX	0.0405436	0.0326572	0.374098	-2.67309	0.0145501	3.26667	3.26667	0.827069	0.917545	-1.08986	0.0152908	3.22611	3.22611	0.373663	0.698243	-1.43217	0.271081	0.637204	-1.56936	0.321177	0.668226	-1.4965	0.742843	0.878541	-1.13825	0.547968	1.27014	1.27014	3.66486	8.97921	2.17786	1
cg11802732	SRR;SMG6;SMG6	0.00260193	0.520869	1.10109	1.10109	0.378492	1.14305	1.14305	0.0645125	1.35975	1.35975	0.556363	0.915724	-1.09203	0.124497	1.27905	1.27905	0.558605	0.916192	-1.09147	5.24E-05	0.326687	-3.06103	0.635972	0.931875	-1.0731	0.0953407	0.7625	-1.31148	8.92634	3.0956	0.308261	1
cg12122509	SRR;SMG6;SMG6	0.00768781	0.0302078	0.502243	-1.99107	0.00500736	2.72787	2.72787	0.879391	1.04189	1.04189	0.0734975	0.583198	-1.71468	0.286201	0.741342	-1.34891	0.673198	1.12146	1.12146	0.00754951	2.53158	2.53158	0.479677	0.823518	-1.2143	0.00700879	2.56565	2.56565	6.424	7.4295	1.02802	1
cg21096684	SRR;TSR1	0.0124081	0.250543	0.895664	-1.11649	0.0880898	1.18855	1.18855	0.106036	1.17587	1.17587	0.454204	1.07247	1.07247	0.885822	1.01327	1.01327	0.00118164	0.646244	-1.5474	0.0836239	1.19211	1.19211	0.0352359	1.25242	1.25242	0.302976	0.906719	-1.10288	5.51326	0.735432	0.118572	1
cg18493946	SRRD	0.00176103	0.942298	0.984219	-1.01603	0.0380119	0.589457	-1.69648	0.0453086	0.603759	-1.65629	0.677623	0.91223	-1.09622	0.000420084	0.292716	-3.41628	0.000432813	0.294345	-3.39738	0.000401871	0.290305	-3.44465	0.600563	0.890394	-1.1231	0.0677115	0.637807	-1.56787	10.0051	7.6514	0.67978	1
cg03255942	SRRM1	2.41E-05	0.00123451	0.370819	-2.69674	3.40E-05	0.185239	-5.39843	0.000114096	0.24116	-4.14663	0.947634	0.9863	-1.01389	2.43E-06	0.0904641	-11.0541	9.56E-05	0.232538	-4.30038	0.329472	1.23536	1.23536	0.0658157	1.5427	1.5427	0.0319775	0.589917	-1.69515	32.2722	22.5447	0.62096	1
cg09895325	SRRM1	0.000175262	0.746487	0.929971	-1.0753	0.321553	1.25762	1.25762	5.68E-05	0.187642	-5.32928	0.915338	0.976479	-1.02409	0.00058716	0.304546	-3.28357	0.390798	0.821344	-1.21752	0.0302187	0.565317	-1.76892	0.272141	1.29156	1.29156	1.42E-05	0.13211	-7.56945	19.0399	15.1072	0.705289	1
cg23022344	SRRM1	0.000316204	?	?	?	0.00231344	1.76045	1.76045	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.0174494	0.707378	-1.41367	0.000131263	2.85097	2.85097	53.7431	2.82843	0.0877146	1
cg02978013	SRRM1	0.00381034	0.123038	1.19946	1.19946	0.00235383	0.630055	-1.58716	0.624114	0.947658	-1.05523	0.154629	1.18038	1.18038	0.822805	0.97588	-1.02472	0.491031	0.926683	-1.07912	0.000340484	1.87418	1.87418	0.0468449	1.28108	1.28108	0.54251	1.06941	1.06941	7.96815	1.49536	0.166816	1
cg10698549	SRRM1	0.00507414	0.0981122	0.848957	-1.17792	0.0407179	0.807975	-1.23766	0.0738073	1.19704	1.19704	0.0529751	0.819979	-1.21954	0.365446	0.919502	-1.08755	0.0297373	0.79383	-1.25972	0.000509521	0.612651	-1.63225	0.224729	1.12197	1.12197	0.0541018	1.21811	1.21811	7.30568	0.942435	0.114667	1
cg07111988	SRRM1	0.00923733	0.223731	0.510066	-1.96053	0.14439	2.28367	2.28367	0.952617	0.969188	-1.03179	0.0185586	4.49735	4.49735	0.00820608	0.168433	-5.93708	0.534493	0.717976	-1.3928	0.00192675	0.0990677	-10.0941	0.193646	2.06347	2.06347	0.134705	0.427688	-2.33815	6.06205	26.6315	3.90502	1
cg09874213	SRRM1	0.0103723	0.0356798	0.359432	-2.78217	0.024784	3.06023	3.06023	0.403455	0.699188	-1.43023	0.644702	0.82337	-1.21452	0.0242482	0.324902	-3.07785	0.199864	0.567317	-1.76268	0.00149186	0.147058	-6.80006	0.0536992	0.399745	-2.50159	0.0225562	0.318777	-3.13699	5.84183	16.208	2.4662	1
cg20799547	SRRM1	0.0205964	0.299698	0.878168	-1.13873	0.161185	1.19828	1.19828	0.0022112	1.67943	1.67943	0.602508	1.06557	1.06557	0.0520828	0.76559	-1.30618	0.21337	0.853513	-1.17163	0.514907	0.92328	-1.0831	0.511863	1.08374	1.08374	0.0362847	0.74509	-1.34212	4.65776	1.07788	0.205704	1
cg26163855	SRRM1	0.0232558	0.438696	0.909654	-1.09932	0.670994	0.950066	-1.05256	0.553727	1.07446	1.07446	0.00218236	1.67419	1.67419	0.0146265	1.43392	1.43392	0.245388	1.1568	1.1568	0.747005	0.96194	-1.03957	0.0568618	0.772309	-1.29482	0.54508	0.929207	-1.07619	4.46778	1.01695	0.202327	1
cg16712094	SRRM1	0.0453554	0.250128	0.771609	-1.29599	0.446206	0.845764	-1.18236	0.507704	0.865035	-1.15602	0.252045	1.29452	1.29452	0.1837	0.737648	-1.35566	0.926278	1.02017	1.02017	0.00122417	0.360434	-2.77444	0.105667	0.682959	-1.46422	0.931411	1.01875	1.01875	3.51515	2.59118	0.655241	1
cg01729739	SRRM2	6.33E-05	0.78554	0.962366	-1.03911	0.29089	1.16666	1.16666	0.0493604	0.729447	-1.3709	0.188075	1.21674	1.21674	1.39E-06	0.17716	-5.64462	0.0399477	1.39647	1.39647	0.0772526	1.3182	1.3182	0.361488	1.14102	1.14102	0.000550763	0.47026	-2.12648	25.0049	7.8334	0.278467	1
cg00087023	SRRM2	0.00023716	0.011366	1.67351	1.67351	4.86E-05	0.289044	-3.45968	0.00233948	0.501425	-1.99431	0.0264079	0.651958	-1.53384	0.0105434	1.68684	1.68684	0.0221295	0.640305	-1.56176	0.00196454	2.03601	2.03601	0.0195891	0.632349	-1.58141	0.962303	0.992349	-1.00771	17.54	7.33509	0.371725	1
cg10314406	SRRM2	0.000628911	0.00221315	0.452384	-2.21051	0.114656	1.37349	1.37349	0.0412633	0.646954	-1.5457	0.148667	1.33179	1.33179	2.71E-05	0.216111	-4.62724	0.0359652	1.57033	1.57033	0.164084	0.759847	-1.31605	0.657493	1.08604	1.08604	0.0672497	0.68431	-1.46133	13.4066	7.26467	0.481664	1
cg09080030	SRRM2	0.00345516	0.000719959	0.415754	-2.40527	0.197104	1.26181	1.26181	0.0640812	1.42601	1.42601	0.00965584	0.572046	-1.74811	0.476166	0.883772	-1.13151	0.000851805	0.425373	-2.35088	0.985852	1.00303	1.00303	0.951933	1.01033	1.01033	0.415525	0.867683	-1.15249	8.2054	3.7797	0.409454	1
cg09963654	SRRM2	0.00354421	0.0493908	0.84525	-1.18308	0.00857845	0.777758	-1.28575	0.0449347	0.841538	-1.1883	0.0639676	1.16892	1.16892	0.0166959	0.80329	-1.24488	0.0218174	1.22917	1.22917	0.389742	1.0683	1.0683	0.00732176	0.771667	-1.2959	0.0033255	0.741076	-1.34939	8.14315	0.724784	0.0791159	1
cg05958351	SRRM2	0.00444114	0.0321401	0.56035	-1.7846	0.00182946	2.77832	2.77832	0.0744525	1.58192	1.58192	0.0499088	1.6754	1.6754	0.540519	0.866766	-1.15371	0.0267577	1.83238	1.83238	0.00839591	0.459786	-2.17493	0.38311	1.22925	1.22925	0.0637191	0.618149	-1.61773	7.60804	6.41707	0.749741	1
cg05991685	SRRM2	0.00492762	0.952279	0.984952	-1.01528	0.00229871	0.339779	-2.94309	0.427607	1.22776	1.22776	0.00255567	0.346425	-2.88662	0.603261	1.14206	1.14206	0.000872096	0.282214	-3.54341	0.421844	1.23105	1.23105	0.927978	1.02317	1.02317	0.0932966	0.62645	-1.5963	7.37132	7.49302	0.903564	1
cg06659904	SRRM2	0.00648658	0.00555926	0.677064	-1.47696	0.295876	0.890428	-1.12306	0.00724185	0.690061	-1.44915	0.606524	1.0572	1.0572	0.581417	1.06143	1.06143	0.123309	1.1957	1.1957	0.00160191	1.6236	1.6236	0.326352	0.897185	-1.1146	0.578281	1.06197	1.06197	6.77372	1.22977	0.161378	1
cg03477043	SRRM2	0.0107405	0.151839	0.791994	-1.26264	0.0986937	0.759558	-1.31655	0.0776209	1.34705	1.34705	0.937373	0.988135	-1.01201	0.365356	0.868254	-1.15174	0.0271456	0.672175	-1.48771	0.00167262	1.97913	1.97913	0.645021	1.073	1.073	0.0280106	0.674181	-1.48328	5.77674	2.11075	0.324789	1
cg08809408	SRRM2	0.0108166	0.425778	1.15625	1.15625	0.0691882	1.43757	1.43757	0.496426	1.1312	1.1312	0.385761	1.17202	1.17202	0.0121517	0.572368	-1.74713	0.20688	0.788489	-1.26825	0.00784315	0.543843	-1.83877	0.00451633	1.96515	1.96515	0.59168	0.907861	-1.10149	5.76363	2.90908	0.448649	1
cg05262711	SRRM2	0.0110688	0.356672	1.29327	1.29327	0.00226603	3.18575	3.18575	0.007595	2.53797	2.53797	0.101312	1.62694	1.62694	0.656094	0.885515	-1.12929	0.875419	1.04348	1.04348	0.93395	0.977765	-1.02274	0.00143112	3.49361	3.49361	0.931464	1.02361	1.02361	5.72102	6.66795	1.03602	1
cg06402590	SRRM2	0.0116411	0.623194	0.935495	-1.06895	0.181518	1.21043	1.21043	0.725692	0.953676	-1.04857	0.693956	1.05469	1.05469	0.000766861	0.503523	-1.98601	0.642206	0.938942	-1.06503	0.00907101	0.639868	-1.56282	0.111373	1.26302	1.26302	0.0802202	0.770034	-1.29864	5.62861	1.61619	0.255234	1
cg20107733	SRRM2	0.0144611	0.97557	0.991696	-1.00837	0.128139	0.63899	-1.56497	0.245182	1.39237	1.39237	0.964472	1.0122	1.0122	0.000433457	0.219772	-4.55018	0.262924	0.727736	-1.37412	0.153578	1.51596	1.51596	0.877605	0.958903	-1.04286	0.175556	1.48026	1.48026	5.24366	6.15767	1.04383	1
cg02756281	SRRM2	0.0152233	0.0714796	1.31035	1.31035	0.291699	0.863367	-1.15826	0.334891	0.874989	-1.14287	0.539129	0.919895	-1.08708	0.0958629	1.27839	1.27839	0.692806	1.05477	1.05477	0.00074858	1.98749	1.98749	0.344037	1.13984	1.13984	0.0798534	0.770279	-1.29823	5.15542	1.47236	0.253862	1
cg07466320	SRRM2	0.0169681	0.0415827	0.74359	-1.34483	0.756626	1.03998	1.03998	0.0785162	0.781597	-1.27943	0.474185	0.912306	-1.09612	0.0760646	0.779646	-1.28263	0.00056611	0.509881	-1.96124	0.297218	0.872605	-1.14599	0.338737	1.13241	1.13241	0.0570528	0.762237	-1.31193	4.97261	1.25221	0.223841	1
cg06810998	SRRM2	0.0213749	0.517504	0.854676	-1.17003	0.000992478	0.310127	-3.22448	0.799784	0.940991	-1.06271	0.421498	0.821588	-1.21715	0.791404	1.06549	1.06549	0.0542843	0.592932	-1.68653	0.0321938	1.82283	1.82283	0.246108	0.748045	-1.33682	0.836862	1.05058	1.05058	4.59913	4.1718	0.806296	1
cg08526825	SRRM2;LOC100128788	0.000455847	0.00103539	0.471409	-2.1213	0.524048	0.904903	-1.10509	0.0058122	1.74905	1.74905	0.00468894	0.55895	-1.78907	0.00692914	0.582279	-1.71739	0.00225756	0.516096	-1.93762	8.19E-05	0.333295	-3.00034	0.759529	0.953595	-1.04866	0.309238	1.17687	1.17687	14.6613	5.56178	0.337201	1
cg07853743	SRRM2;LOC100128788	0.0399529	0.387547	0.833515	-1.19974	0.932969	1.01745	1.01745	0.0795947	0.670283	-1.49191	0.565035	0.887279	-1.12704	0.0100702	0.512863	-1.94984	0.275547	0.791969	-1.26268	0.0173845	0.551293	-1.81392	0.0704726	0.659891	-1.5154	0.0526552	1.57295	1.57295	3.68474	2.46718	0.59517	1
cg27599033	SRRM2;SRRM2;LOC100128788	0.000460168	0.919376	0.975302	-1.02532	0.531498	1.16948	1.16948	0.0564872	0.58663	-1.70465	9.72E-05	0.180589	-5.53744	0.149685	0.682818	-1.46452	2.16E-05	0.121261	-8.2467	0.0656141	0.600282	-1.66588	0.00745314	0.426932	-2.34229	0.0349213	0.544894	-1.83522	14.6231	14.1302	0.858927	1
cg01830073	SRRM3	7.55E-05	9.41E-06	0.211393	-4.73053	0.229181	0.814524	-1.22771	0.00126339	0.465299	-2.14916	0.922255	0.984255	-1.016	0.00088008	0.444556	-2.24943	0.00301832	0.516342	-1.9367	0.000251413	0.37474	-2.66852	0.0121468	1.66228	1.66228	0.000132914	0.340569	-2.93626	23.8649	9.99029	0.372106	1
cg23678070	SRRM3	0.000196861	0.151436	1.44169	1.44169	0.0718328	0.619825	-1.61336	0.958444	1.01248	1.01248	0.0018803	0.350278	-2.85488	3.78E-06	0.0766098	-13.0532	0.0030063	0.37973	-2.63345	0.678593	1.10426	1.10426	0.159635	0.699319	-1.42996	0.356146	1.25343	1.25343	18.4501	16.5517	0.797427	1
cg21938845	SRRM3	0.000252986	0.121286	1.50518	1.50518	0.332512	1.2755	1.2755	0.284488	1.31079	1.31079	0.723267	1.0904	1.0904	0.00028988	0.237203	-4.21579	0.750128	1.08088	1.08088	7.17E-06	0.0895377	-11.1685	0.144023	0.682458	-1.46529	0.44374	0.826903	-1.20933	17.2341	16.1722	0.834118	1
cg18705067	SRRM3	0.000633316	0.352477	0.792479	-1.26186	0.0166511	0.491298	-2.03543	0.288935	1.30683	1.30683	0.215022	1.37338	1.37338	0.000623269	0.2782	-3.59453	0.590829	0.876395	-1.14104	1.77E-05	0.118474	-8.44067	0.814748	0.94454	-1.05872	0.323436	0.780421	-1.28136	13.3805	12.5232	0.831935	1
cg18463876	SRRM3	0.000905533	0.236408	0.835726	-1.19656	0.519643	1.09902	1.09902	0.0172687	0.657352	-1.52125	0.831359	1.03133	1.03133	1.70E-05	0.278833	-3.58638	0.00947336	0.621554	-1.60887	0.609032	0.9281	-1.07747	0.282258	0.850761	-1.17542	0.00336218	0.561544	-1.78081	12.1017	4.01013	0.294549	1
cg11267480	SRRM3	0.00128729	0.151303	0.551314	-1.81385	0.0919733	0.487545	-2.05109	0.820739	1.09187	1.09187	0.395549	0.713945	-1.40067	0.00115016	0.157199	-6.36135	0.6055	0.817281	-1.22357	2.65E-05	0.0400687	-24.9571	0.396217	1.39997	1.39997	0.729022	0.873999	-1.14417	10.9498	26.0071	2.11121	1
cg24863536	SRRM3	0.00226811	0.738123	1.09616	1.09616	0.0197119	0.462706	-2.1612	0.113244	0.623994	-1.60258	0.690577	0.896297	-1.1157	0.201719	0.691512	-1.44611	0.282862	1.35706	1.35706	0.0443644	0.531592	-1.88114	8.13E-05	6.99133	6.99133	0.422584	1.25124	1.25124	9.29395	11.0204	1.05401	1
cg18034259	SRRM3	0.00301773	0.203518	0.762966	-1.31067	0.0075673	1.99878	1.99878	0.238692	0.779777	-1.28242	0.038032	1.62382	1.62382	0.309563	0.808995	-1.2361	0.00341207	2.23017	2.23017	0.00299626	0.440182	-2.27179	0.00746127	2.00256	2.00256	0.670826	0.917433	-1.09	8.54319	5.49756	0.572002	1
cg14989226	SRRM3	0.00408175	0.0243771	0.481345	-2.07751	0.0495748	1.84155	1.84155	0.0965957	0.608244	-1.64408	0.974349	0.991275	-1.0088	0.214855	0.700571	-1.42741	0.288097	1.35065	1.35065	0.000226852	0.188138	-5.31524	0.0583256	1.79157	1.79157	0.152107	0.65827	-1.51913	7.80473	9.18209	1.04576	1
cg27180315	SRRM3	0.00537136	0.0393614	0.361399	-2.76702	0.393439	1.45246	1.45246	0.114293	2.08223	2.08223	0.0251525	0.320755	-3.11764	0.052169	0.38943	-2.56785	0.000609838	0.104893	-9.53348	0.379573	1.46944	1.46944	0.0409059	2.73891	2.73891	0.371297	1.47989	1.47989	7.1795	20.7303	2.5666	1
cg14520626	SRRM3	0.00696631	0.00625299	2.7336	2.7336	?	?	?	0.0441103	0.551925	-1.81184	0.726174	1.08582	1.08582	0.015	2.24238	2.24238	?	?	?	0.00467122	0.340295	-2.93863	0.823915	0.949228	-1.05349	?	?	?	12.543	6.6305	0.440519	1
cg21160363	SRRM3	0.00866741	0.0219868	0.369233	-2.70832	0.00090769	0.165411	-6.04557	0.0279599	0.389987	-2.56419	0.919802	1.03719	1.03719	0.0183014	0.354032	-2.8246	0.301504	0.678295	-1.47429	0.00388565	0.244151	-4.09583	0.464191	1.31016	1.31016	0.0891322	0.506709	-1.97352	6.18575	12.8819	1.85113	1
cg22519356	SRRM3	0.00984491	0.000887777	0.225839	-4.42793	0.230282	0.686549	-1.45656	0.566	1.1893	1.1893	0.317709	0.734464	-1.36154	0.016198	0.415262	-2.40812	0.208364	0.672786	-1.48636	0.0122457	0.393582	-2.54077	0.00790547	0.361333	-2.76753	0.014904	0.408717	-2.44668	5.94022	8.40014	1.25699	1
cg01430430	SRRM3	0.0120153	0.279373	0.786474	-1.2715	0.104031	1.46171	1.46171	0.012691	0.516041	-1.93783	0.567873	1.13123	1.13123	0.187907	0.742278	-1.3472	0.0576366	1.58171	1.58171	0.0270327	0.571709	-1.74914	0.00425962	2.26339	2.26339	0.951055	0.986975	-1.0132	5.57119	4.02491	0.642178	1
cg05490269	SRRM3	0.015071	0.203997	0.625074	-1.59981	0.00597578	0.283765	-3.52404	0.269551	1.49631	1.49631	?	?	?	0.00816766	0.305285	-3.27563	?	?	?	0.0152554	0.351935	-2.84143	0.325317	0.700479	-1.42759	0.335141	1.41677	1.41677	5.39404	8.16315	1.72956	1
cg00338080	SRRM3	0.0210518	0.026746	1.53108	1.53108	0.288089	0.836102	-1.19603	0.0026413	1.96463	1.96463	0.631058	0.924471	-1.0817	0.0834598	1.36475	1.36475	0.0437474	0.68645	-1.45677	0.189521	1.25302	1.25302	0.270164	1.20485	1.20485	0.297072	1.19179	1.19179	4.62314	1.92879	0.370848	1
cg10972392	SRRM3	0.0225788	0.0922251	0.305161	-3.27696	0.159548	0.381892	-2.61854	0.0402767	0.219281	-4.56035	0.166695	0.388965	-2.57092	0.0157418	0.150279	-6.65428	0.0301894	0.195469	-5.11591	0.00141738	0.0519306	-19.2565	0.877799	0.906159	-1.10356	0.0294478	0.193534	-5.16705	4.51349	29.3186	5.77402	1
cg20048050	SRRM3	0.0235281	?	?	?	0.222275	0.417578	-2.39476	0.191267	2.56517	2.56517	0.593455	1.44319	1.44319	0.279729	0.465303	-2.14914	0.00351345	0.0675335	-14.8075	0.793602	1.19544	1.19544	0.126667	0.324704	-3.07973	0.00701065	0.0931313	-10.7375	4.52839	29.5503	6.52557	1
cg13477780	SRRM3	0.0282587	0.0619514	0.513092	-1.94897	0.0372965	2.15412	2.15412	0.239442	0.676318	-1.47859	0.285991	0.703431	-1.4216	0.295692	0.708743	-1.41095	0.430574	0.774594	-1.291	0.00203223	0.251276	-3.97969	0.568642	1.20071	1.20071	0.147049	0.610165	-1.6389	4.17423	6.66322	1.41891	1
cg01499518	SRRM3	0.0445571	0.580802	0.730462	-1.369	0.121523	0.388573	-2.57352	0.0617501	3.26987	3.26987	0.329347	1.76275	1.76275	0.00900692	0.154138	-6.48771	0.765842	0.8452	-1.18315	0.542646	0.706786	-1.41486	0.112305	2.64733	2.64733	0.0766237	3.03139	3.03139	3.5386	17.7711	4.46407	1
cg00506049	SRRM3	0.0464997	0.0321529	0.256508	-3.89852	0.76911	0.852496	-1.17303	0.119177	0.399774	-2.50141	0.728193	1.20823	1.20823	0.142633	0.425552	-2.34989	0.0332467	0.259424	-3.8547	0.00494741	0.13294	-7.5222	0.452325	1.51455	1.51455	0.0921792	0.366051	-2.73186	3.48242	16.2122	4.13817	1
cg04115680	SRRM3	0.0466472	0.220917	0.202168	-4.94638	0.0132746	0.0221004	-45.248	0.096133	0.103315	-9.6791	0.0828583	0.0920061	-10.8688	0.0456638	0.0580397	-17.2296	0.602824	0.520909	-1.91972	0.0673607	0.0783545	-12.7625	0.0687086	12.5683	12.5683	0.537095	2.17368	2.17368	3.47827	85.02	21.7273	1
cg24903434	SRRM3;SRRM3	0.00680599	0.29815	0.737231	-1.35643	0.00232324	3.3276	3.3276	0.033472	2.01838	2.01838	0.427608	1.25727	1.25727	0.0985756	0.599278	-1.66867	0.0137412	0.422685	-2.36583	?	?	?	0.22685	0.698611	-1.43141	0.0320916	2.03341	2.03341	6.81239	7.6631	1.12488	1
cg15921535	SRRM4	4.53E-05	0.000115611	0.213722	-4.67897	0.535878	1.15386	1.15386	0.000136491	0.22164	-4.51182	0.499648	0.855192	-1.16933	0.08566	0.648124	-1.54291	0.0191789	0.523649	-1.90968	1.96E-06	0.0681126	-14.6816	0.000657848	0.303777	-3.29189	0.000336137	0.267156	-3.74313	27.3206	22.5499	0.733671	1
cg23881566	SRRM4	0.00111502	0.0134197	0.395962	-2.52549	0.00149173	0.250095	-3.99848	0.0474453	0.503495	-1.98612	0.00451672	0.318188	-3.1428	0.266586	0.704504	-1.41944	0.0279938	0.455865	-2.19363	4.10E-05	0.0937551	-10.6661	0.674555	1.13632	1.13632	0.00703629	0.34844	-2.86993	11.4081	16.5441	1.28907	1
cg14135814	SRRM4	0.00117292	0.0851113	0.602144	-1.66073	0.0224566	2.07211	2.07211	0.00839829	2.45245	2.45245	0.46838	0.82153	-1.21724	8.51E-05	0.152357	-6.56352	0.00565551	0.380043	-2.63128	0.243288	1.38448	1.38448	0.548618	0.850674	-1.17554	0.374357	0.784301	-1.27502	11.2448	12.6444	0.999525	1
cg05677041	SRRM4	0.00405542	0.328533	1.08201	1.08201	0.198279	0.899185	-1.11212	0.00400609	1.3529	1.3529	0.119839	1.14099	1.14099	0.00385954	1.35564	1.35564	0.786815	0.979036	-1.02141	0.00160117	0.702001	-1.4245	0.326224	1.08245	1.08245	0.044732	1.19733	1.19733	7.81998	0.756574	0.0859989	1
cg12226135	SRRM4	0.00815149	0.121324	0.701047	-1.42644	0.447662	0.849046	-1.17779	0.0481966	0.620372	-1.61194	0.255129	0.777845	-1.2856	0.210862	0.756717	-1.3215	0.0386453	0.602634	-1.65938	0.00087568	0.348113	-2.87263	0.000719453	0.33678	-2.9693	0.0250286	0.569059	-1.75729	6.30679	4.46615	0.629467	1
cg08639283	SRRM4	0.00962957	0.991598	0.997302	-1.00271	0.167826	0.685765	-1.45823	0.486272	0.833986	-1.19906	0.119908	0.64859	-1.54181	0.69716	1.10556	1.10556	0.195404	0.703703	-1.42106	0.00676951	0.406289	-2.4613	0.000379805	0.233001	-4.29182	0.0119754	0.447318	-2.23555	5.9823	6.23902	0.927033	1
cg14843800	SRRM4	0.00974778	0.360195	0.593905	-1.68377	0.0625566	3.24649	3.24649	0.347874	1.70823	1.70823	0.180897	2.20517	2.20517	0.274527	0.532114	-1.8793	0.000656718	0.045401	-22.0259	?	?	?	0.668421	1.26854	1.26854	?	?	?	7.05621	25.8843	3.6683	1
cg25448861	SRRM4	0.0124068	0.0225665	0.158725	-6.3002	0.00751294	0.0984156	-10.161	0.12844	0.330416	-3.02649	0.356188	0.52753	-1.89563	0.015521	0.135279	-7.39211	0.0306981	0.180746	-5.53261	0.00114262	0.0398262	-25.1091	0.0343133	0.1894	-5.27982	0.0219319	0.156816	-6.37691	5.51346	39.6565	6.39349	1
cg18201871	SRRM4	0.0141324	0.0470727	0.599285	-1.66865	0.194744	0.734151	-1.36212	0.0189966	0.527369	-1.89621	0.234581	1.32409	1.32409	0.102593	1.49547	1.49547	0.448213	1.19023	1.19023	0.802578	1.05806	1.05806	0.00133517	0.349659	-2.85993	0.188846	0.730772	-1.36842	5.28351	4.24785	0.714652	1
cg01750714	SRRM4	0.0144061	0.946229	0.988183	-1.01196	0.239316	0.804784	-1.24257	0.003617	2.00193	2.00193	0.374637	1.17423	1.17423	0.0342107	1.54572	1.54572	0.77822	0.951454	-1.05102	0.685558	0.930771	-1.07438	0.00927407	1.7894	1.7894	0.00564286	1.89687	1.89687	5.25025	2.58298	0.43731	1
cg01944655	SRRM4	0.02954	0.548685	0.906962	-1.10258	0.983256	1.00338	1.00338	0.0100673	1.68646	1.68646	0.459176	0.885783	-1.12894	0.432352	0.879022	-1.13763	0.440477	0.881094	-1.13495	0.0619154	1.40256	1.40256	0.0122963	1.65159	1.65159	0.0176778	1.59096	1.59096	4.1093	1.68531	0.364552	1
cg27010159	SRRM4	0.0336086	0.438457	1.55854	1.55854	0.379126	0.602518	-1.6597	0.750035	0.835708	-1.19659	0.30786	1.80882	1.80882	0.19833	2.14542	2.14542	0.568484	1.38216	1.38216	0.00281154	10.0865	10.0865	0.0178724	5.03459	5.03459	0.0172573	5.09788	5.09788	3.92418	19.595	4.43857	1
cg21799898	SRRM4	0.035748	0.657148	1.18373	1.18373	0.686615	0.858003	-1.1655	0.245926	0.632417	-1.58124	0.82485	0.919713	-1.0873	0.932757	0.968638	-1.03238	0.018811	0.34141	-2.92903	0.00613058	0.25913	-3.85907	0.514736	0.779231	-1.28332	0.00438364	0.237718	-4.20667	3.83761	8.66551	2.00716	1
cg25456968	SRRM5;ZNF428	6.85E-05	0.0110162	0.609929	-1.63953	0.712983	1.05895	1.05895	0.00437491	0.554283	-1.80413	0.21249	1.22578	1.22578	7.24E-06	0.215444	-4.64158	1.18E-05	0.237403	-4.21224	0.087031	0.746048	-1.3404	0.0383257	1.45079	1.45079	0.378896	0.869399	-1.15022	24.4896	9.322	0.338357	1
cg04747842	SRRT;SRRT;SRRT;SRRT	7.02E-05	0.000590475	0.273926	-3.65063	0.353918	1.26201	1.26201	0.15517	1.44941	1.44941	0.0165867	2.04198	2.04198	0.00753722	0.43218	-2.31385	0.000883882	0.296475	-3.37296	1.42E-05	0.109991	-9.09168	0.00179387	2.95621	2.95621	0.00089286	0.297052	-3.36641	24.3287	22.9377	0.838067	1
cg09343421	SRRT;SRRT;SRRT;SRRT	0.000343027	0.138578	0.823068	-1.21497	9.32E-05	0.426864	-2.34267	0.39453	0.898976	-1.11238	0.000825108	0.540544	-1.84999	0.0697871	0.780646	-1.28099	2.39E-05	0.357302	-2.79875	0.2212	1.17005	1.17005	0.555721	0.929806	-1.07549	0.0415043	0.750458	-1.33252	15.8566	3.74533	0.209955	1
cg12565057	SRRT;SRRT;SRRT;SRRT	0.000619183	0.691742	1.06436	1.06436	0.266577	1.1986	1.1986	0.121332	0.76884	-1.30066	0.622639	0.925308	-1.08072	3.86E-05	0.290946	-3.43706	0.0512475	0.706524	-1.41538	0.00789083	1.70463	1.70463	0.0254158	1.51551	1.51551	0.00316133	0.531975	-1.87979	13.4651	5.22333	0.344814	1
cg10782277	SRRT;SRRT;SRRT;SRRT	0.00261074	0.00294693	0.23725	-4.21497	0.0305471	0.408371	-2.44875	0.118575	0.550435	-1.81675	0.879762	0.948057	-1.05479	0.00704488	0.29304	-3.41251	0.00840691	0.3054	-3.27439	0.000134813	0.0973078	-10.2767	0.353215	0.714189	-1.40019	0.0064543	0.287054	-3.48366	8.91744	17.5371	1.7481	1
cg09442740	SRRT;SRRT;SRRT;SRRT	0.00314165	0.253893	0.861827	-1.16033	0.36822	0.891055	-1.12227	0.231943	1.16937	1.16937	0.136213	0.818422	-1.22186	0.000119338	0.431808	-2.31585	0.0132637	0.681786	-1.46674	0.0223674	1.40715	1.40715	0.783315	0.966181	-1.035	0.11643	0.808229	-1.23727	8.44158	2.08247	0.219281	1
cg12993975	SRRT;SRRT;SRRT;SRRT	0.00441492	0.000125751	0.0651741	-15.3435	0.102729	0.481908	-2.07508	0.22878	1.67606	1.67606	0.93177	1.03563	1.03563	?	?	?	0.394641	1.42831	1.42831	0.871876	1.06822	1.06822	0.0400769	0.379058	-2.63812	0.114375	0.495508	-2.01813	7.78678	18.3276	2.35368	1
cg10475014	SRRT;SRRT;SRRT;SRRT	0.00797403	0.413308	1.31774	1.31774	0.0350114	2.24882	2.24882	0.112921	1.76688	1.76688	0.398517	0.751891	-1.32998	0.000488762	0.164896	-6.06443	0.483264	0.790528	-1.26498	0.2636	0.680818	-1.46882	0.157234	1.6471	1.6471	0.0561178	0.489826	-2.04154	6.35064	10.9467	1.53219	1
cg17619347	SRRT;SRRT;SRRT;SRRT	0.00860062	0.730403	0.929356	-1.07601	0.301377	0.797091	-1.25456	0.644079	1.10355	1.10355	0.922024	1.02095	1.02095	0.000135868	0.246897	-4.05028	0.233958	0.767764	-1.30248	0.791807	0.94551	-1.05763	0.275707	1.27145	1.27145	0.0551038	0.630909	-1.58501	6.2009	4.40539	0.631505	1
cg22813798	SRRT;SRRT;SRRT;SRRT	0.0104145	0.00778033	0.499817	-2.00073	0.00311081	0.440098	-2.27222	0.152763	1.3645	1.3645	0.878673	0.969475	-1.03149	0.00325477	0.44296	-2.25754	0.948895	1.01309	1.01309	0.434722	0.850655	-1.17556	0.174224	1.34089	1.34089	0.267672	0.791099	-1.26406	5.83423	3.80563	0.579816	1
cg17563032	SRRT;SRRT;SRRT;SRRT	0.0124397	0.762646	1.15471	1.15471	0.508901	1.3747	1.3747	0.702737	0.833519	-1.19973	0.479786	1.40657	1.40657	0.000395559	0.0686002	-14.5772	0.283743	0.589257	-1.69705	0.0681321	2.63825	2.63825	0.275904	1.71305	1.71305	0.107521	0.43423	-2.30293	5.5087	19.6776	3.17519	1
cg24356700	SRRT;SRRT;SRRT;SRRT	0.0223288	0.245491	1.36418	1.36418	0.00358762	0.364834	-2.74098	0.586595	0.869033	-1.1507	0.133913	1.51175	1.51175	0.45357	1.21554	1.21554	0.133208	0.66091	-1.51307	0.0107003	0.440358	-2.27088	0.255044	1.35501	1.35501	0.24879	0.734767	-1.36097	4.5308	4.69021	0.920163	1
cg10426581	SRRT;SRRT;SRRT;SRRT	0.024515	0.0425316	1.41589	1.41589	0.822388	0.967077	-1.03404	0.0328325	1.45024	1.45024	0.312699	0.855992	-1.16824	0.0288937	0.681402	-1.46756	0.463659	0.89488	-1.11747	0.190053	1.22956	1.22956	0.0203614	0.659464	-1.51638	0.0843135	1.32889	1.32889	4.38699	1.54044	0.312123	1
cg23926006	SRRT;SRRT;SRRT;SRRT	0.0306268	0.23029	1.44612	1.44612	0.442815	0.795051	-1.25778	0.887835	1.04223	1.04223	0.513649	1.21427	1.21427	0.0145764	0.414036	-2.41525	0.441632	0.79456	-1.25856	0.00575138	0.346153	-2.8889	0.0768175	1.7803	1.7803	0.183075	1.51295	1.51295	4.0569	5.5197	1.2094	1
cg26246933	SRXN1	0.00378883	0.246875	0.711172	-1.40613	0.00235734	0.30293	-3.30109	0.000639991	0.228682	-4.37288	0.958467	0.985447	-1.01477	0.0195224	0.451789	-2.21342	0.00167346	0.282234	-3.54315	0.0258871	0.474952	-2.10548	0.226821	0.699644	-1.4293	0.0051688	0.35372	-2.8271	7.98172	10.0164	1.11548	1
cg22748452	SRXN1	0.00783251	0.028581	0.493043	-2.02822	0.0993833	0.609881	-1.63967	0.450462	0.810169	-1.23431	0.243189	1.397	1.397	0.994876	1.00176	1.00176	0.0163631	0.447793	-2.23318	0.00112448	0.269069	-3.71652	0.0159009	2.24437	2.24437	0.722586	1.10251	1.10251	6.3865	7.58092	1.05513	1
cg19728874	SRXN1	0.00928433	0.0043662	0.765283	-1.30671	0.79251	0.981649	-1.01869	0.0100492	1.25641	1.25641	0.85232	0.986993	-1.01318	0.375535	0.938103	-1.06598	0.897655	0.991	-1.00908	0.00132725	0.720376	-1.38816	0.687903	1.02878	1.02878	0.757076	1.02204	1.02204	6.05227	0.473137	0.069489	1
cg24012925	SRXN1	0.0212824	0.0528436	0.487716	-2.05038	0.647573	1.16203	1.16203	0.424942	1.30454	1.30454	0.949525	1.02087	1.02087	0.0271062	0.425887	-2.34804	0.478677	1.26489	1.26489	0.00282766	0.261421	-3.82525	0.00882922	0.33699	-2.96745	0.734922	0.895047	-1.11726	4.60596	7.76536	1.49861	1
cg18484212	SRXN1	0.0377319	0.596193	0.83216	-1.20169	0.00130086	0.20006	-4.99849	0.867535	0.944262	-1.05903	0.423017	0.754909	-1.32466	0.0923399	0.529156	-1.8898	0.127558	0.567742	-1.76136	0.0166981	0.366473	-2.72871	0.83168	1.07587	1.07587	0.353619	0.720437	-1.38805	3.76287	7.03453	1.66174	1
cg27636129	SRY	0.000469329	0.000193523	4.11346	4.11346	0.000262791	3.86521	3.86521	0.212057	1.3449	1.3449	?	?	?	0.06268	1.60347	1.60347	0.164825	0.716032	-1.39659	0.00247737	0.387405	-2.58128	0.412135	0.827765	-1.20807	0.165295	0.716334	-1.396	14.899	10.658	0.715351	1
cg09595415	SRY	0.00914399	0.000350181	15.0076	15.0076	0.635462	0.798448	-1.25243	0.844173	1.09719	1.09719	0.850647	0.914986	-1.09291	0.0584744	0.365079	-2.73914	0.290017	0.595942	-1.67801	0.0266147	0.289813	-3.45051	0.921211	0.95444	-1.04774	0.556849	0.755724	-1.32323	6.08165	21.3986	3.12761	1
cg04169747	SRY;SRY	0.00371433	0.000438171	13.872	13.872	0.0884615	2.43456	2.43456	0.395155	1.51024	1.51024	0.0391077	3.09669	3.09669	0.0304283	3.33447	3.33447	0.167729	0.498534	-2.00588	0.458907	0.699759	-1.42906	0.000731197	11.3634	11.3634	0.286727	1.68827	1.68827	8.02948	28.5001	3.15505	1
cg15060929	SS18;SS18	0.000777304	0.000111863	0.547553	-1.82631	0.180674	0.881562	-1.13435	0.547934	0.947506	-1.0554	0.00431455	0.712905	-1.40271	0.453745	0.934557	-1.07003	0.270451	0.903245	-1.10712	0.00297937	1.43531	1.43531	0.296661	1.10072	1.10072	0.00391866	1.41103	1.41103	12.634	1.57376	0.110725	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg14663022	SS18;SS18	0.00152227	0.0509262
cg13022174	SS18;SS18	0.00628211	0.0435821
cg05951044	SS18;SS18	0.0157017	0.129974
cg17187922	SS18;SS18	0.0162779	0.0107077
cg19948974	SS18;SS18	0.0188083	0.850548
cg12456090	SS18;SS18	0.027807	0.0101961
cg27500575	SS18L1	0.000542025	0.448072
cg08596055	SS18L1	0.00160149	0.000379126
cg21677633	SS18L1	0.00397433	0.00656885
cg13000374	SS18L1	0.00625943	0.458025
cg10246881	SS18L1	0.0202284	0.639791
cg09073838	SS18L1	0.0478095	0.234989
cg06914270	SS18L1;GTPBP5	0.000307434	4.72E-05
cg15398513	SS18L1;PSMA7	0.00501761	0.0848615
cg23227851	SS18L2	0.00111518	0.00436994
cg15033269	SS18L2	0.0016911	0.00162479
cg08795640	SS18L2	0.00173123	0.000684495
cg25851277	SS18L2	0.00370699	0.16248
cg12727513	SS18L2	0.0157787	0.509067
cg16770712	SS18L2;SS18L2	0.00464295	0.130123
cg17876050	SSB	0.000528454	0.404721
cg11109510	SSB	0.000883461	0.00654944
cg14876906	SSB	0.00273603	0.55688
cg23497644	SSB	0.00828439	0.074995
cg00711327	SSB	0.0376041	0.0217504
cg26783666	SSB	0.0399042	0.064435
cg13057368	SSB;SSB	0.00356287	0.496049
cg00767846	SSB;SSB	0.0163779	0.00762889
cg18922629	SSBP1;FLJ40852	0.00014913	0.00931318
cg26449836	SSBP1;FLJ40852	0.00184749	0.00707246
cg12473838	SSBP1;FLJ40852	0.00686618	0.00163715
cg00746949	SSBP1;FLJ40852	0.00858591	0.0309779
cg02036430	SSBP2	0.000188855	0.145522
cg22565961	SSBP2	0.00433838	0.106078
cg15170644	SSBP2	0.00521955	0.158094
cg00590106	SSBP2	0.00760265	0.00177221
cg06939451	SSBP2	0.00888883	0.126541
cg22913584	SSBP2	0.0162804	?
cg05714396	SSBP2	0.0340325	0.0507532
cg05905586	SSBP2	0.034943	0.22444
cg14115597	SSBP2	0.0421408	0.0364362
cg16390944	SSBP3;SSBP3;SSBP3	0.00207615	0.0533208
cg17896129	SSBP3;SSBP3;SSBP3	0.0026831	0.0103253
cg20568390	SSBP3;SSBP3;SSBP3	0.00287029	0.169648
cg19379103	SSBP3;SSBP3;SSBP3	0.00331623	0.0747157
cg26671687	SSBP3;SSBP3;SSBP3	0.00343034	0.83785
ch.1.1604750R	SSBP3;SSBP3;SSBP3	0.00697415	0.148719
cg20301680	SSBP3;SSBP3;SSBP3	0.00837148	0.0450469
cg17075428	SSBP3;SSBP3;SSBP3	0.012197	0.396941
cg05886125	SSBP3;SSBP3;SSBP3	0.0125691	0.20409
cg16096432	SSBP3;SSBP3;SSBP3	0.0150971	0.265853
cg16053142	SSBP3;SSBP3;SSBP3	0.0161308	0.701575
cg21415998	SSBP3;SSBP3;SSBP3	0.0177083	0.0604712
cg00838829	SSBP3;SSBP3;SSBP3	0.0190484	0.276812
cg17819831	SSBP3;SSBP3;SSBP3	0.0199021	0.0299021
cg09863252	SSBP3;SSBP3;SSBP3	0.0208644	0.096524
cg10426951	SSBP3;SSBP3;SSBP3	0.041864	0.00900246
cg00860380	SSBP3;SSBP3;SSBP3;SSBP3	0.000332296	0.294046
cg07527607	SSBP4;SSBP4	0.000802251	0.0513881
cg09516349	SSBP4;SSBP4	0.00184316	0.166621
cg01532080	SSBP4;SSBP4	0.00522705	0.0530567
cg24878115	SSBP4;SSBP4	0.00551632	0.565284
cg13331354	SSBP4;SSBP4	0.0068209	0.780663
cg22005401	SSBP4;SSBP4	0.0111744	?
cg18547371	SSBP4;SSBP4	0.0180345	0.708534
cg10790698	SSBP4;SSBP4	0.0190956	0.142986
cg00751072	SSBP4;SSBP4	0.0377652	0.513846
cg00509507	SSC5D	1.42E-05	0.00321092
cg18359371	SSC5D	1.93E-05	1.22E-05
cg26929278	SSC5D	5.74E-05	0.00141668
cg25270844	SSC5D	6.71E-05	8.08E-05
cg07749454	SSC5D	7.93E-05	0.000164416
cg02251027	SSC5D	0.000244093	0.00178506
cg25806591	SSC5D	0.000488308	0.000688254
cg11383165	SSC5D	0.000719974	0.303199
cg12271415	SSC5D	0.00132431	0.00102733
cg02889672	SSC5D	0.00207357	0.002603
cg20110801	SSC5D	0.00415105	0.272242
cg24360174	SSC5D	0.00468636	0.0833386
cg17869933	SSC5D	0.0148186	0.783119
cg20719132	SSC5D	0.0180241	0.146777
cg03342928	SSC5D	0.02598	0.471594
cg26209516	SSC5D	0.0269545	0.316881
cg24836679	SSC5D	0.0300291	0.0509221
cg25565132	SSFA2;SSFA2	0.000845093	0.650963
cg05210131	SSFA2;SSFA2	0.00280599	0.0783217
cg23641560	SSFA2;SSFA2	0.00532712	0.0109409
cg08075024	SSFA2;SSFA2	0.0263858	0.526404
cg13757859	SSFA2;SSFA2	0.0461424	0.0661741
cg26849830	SSH1	0.0177698	0.00264483
cg11747499	SSH1;SSH1	7.06E-06	0.0508502
cg13033858	SSH1;SSH1	0.000102452	0.0125194
cg07524446	SSH1;SSH1	0.000357959	1.78E-05
cg19256314	SSH1;SSH1	0.0118966	0.00365123
cg16972309	SSH1;SSH1	0.031017	0.919832
cg22852191	SSH1;SSH1;SSH1	0.0004147	0.00778516
cg11699334	SSH1;SSH1;SSH1	0.00238803	0.00209352
cg12492276	SSH1;SSH1;SSH1	0.0128061	0.0590866
cg02059980	SSH1;SSH1;SSH1	0.0187011	0.049899
cg07700680	SSH1;SSH1;SSH1	0.0267372	0.0526347
cg01176103	SSH1;SSH1;SSH1	0.0282622	0.212378
cg26945978	SSH1;SSH1;SSH1	0.0291896	0.0807568
cg25496467	SSH1;SSH1;SSH1	0.0430239	0.010407
cg21778332	SSH2	0.00167874	0.00155063
cg14338936	SSH2	0.0110282	0.0512704
cg20919942	SSH2	0.0200136	0.228005
cg08650402	SSH2	0.0253871	0.266293
cg05289892	SSH3	3.70E-05	0.0335116
cg25753024	SSH3	0.00014756	0.0994821
cg26991761	SSH3;SSH3	0.00211114	0.226021
cg08662757	SSH3;SSH3	0.0206628	0.255811
cg12989217	SSPN;SSPN	3.44E-06	0.90841
cg18702820	SSPN;SSPN	0.000423573	0.284788
cg00180762	SSPN;SSPN	0.0187871	0.706287
cg12146766	SSPN;SSPN	0.0267173	0.10548
cg19461392	SSPN;SSPN	0.0354413	0.176091
cg22232504	SSPN;SSPN	0.0491032	0.213309
cg07725355	SSPN;SSPN;SSPN	0.00204743	0.000597801
cg02963114	SSPN;SSPN;SSPN	0.0042312	0.0756611
cg24509668	SSPN;SSPN;SSPN	0.0149142	0.438182
cg16516272	SSPO	0.00030585	0.000385177
cg19351398	SSPO	0.00166122	0.102672
cg06640763	SSPO	0.00225016	0.00253495
cg11060441	SSPO	0.00229725	0.00202921
cg16647364	SSPO	0.00492941	0.130989
cg08644381	SSPO	0.0102823	0.00339925
cg01996567	SSPO	0.0178649	0.638699
cg16456172	SSPO	0.018309	0.292657
cg06330587	SSPO	0.0208192	0.0270903
cg07528349	SSPO	0.0215762	0.0403689
cg02906407	SSPO	0.0303305	0.0140024
cg00867835	SSPO	0.0451431	0.1354
cg22537597	SSPO	0.0464666	0.426087
cg01776278	SSPO	0.0469447	0.963045
cg02712222	SSR1	0.0035456	0.155243
cg14915434	SSR1	0.00784688	0.0380428
ch.6.197209F	SSR1	0.0195754	0.78141
cg01305174	SSR1	0.0257833	0.685024
cg06993235	SSR1	0.0313992	0.172573
cg00953069	SSR2	7.91E-05	0.926608
cg06251129	SSR2	0.0144389	0.00209141
cg26411367	SSR2	0.0283164	0.0245337

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg00559054	SSR3	0.00287128	0.204152
cg07860992	SSR3	0.0040428	0.782814
cg24517609	SSR3	0.010305	0.269103
cg14741143	SSR3	0.0112462	0.0261061
cg03885646	SSR3	0.0174125	0.0186563
cg14929208	SSR3	0.0185261	0.0512775
cg18241337	SSR3	0.0196177	0.00838307
cg00822361	SSR3	0.0395267	0.126461
cg04064330	SSR4	0.00322776	0.0493344
cg12795368	SSRP1	0.000433349	0.999212
cg01250938	SSRP1	0.0008313	0.109427
cg11948159	SSRP1	0.00588542	0.0107595
cg16313264	SSRP1	0.0277908	0.785759
cg12911972	SSRP1	0.034277	0.00183869
cg27273643	SSRP1;TNKS1BP1	0.000342829	0.00214385
cg24977709	SSSCA1	0.00152256	0.357785
cg20603181	SSSCA1	0.0362917	0.0367687
cg24119990	SST	8.38E-05	0.0716792
cg21526749	SST	0.000317343	0.548562
cg21463380	SST	0.0118217	0.879297
cg14703224	SST	0.0154178	0.654841
cg12146673	SST	0.0237821	0.162068
cg18088210	SST	0.0324239	0.234231
cg18443253	SSTR1	7.55E-05	0.19355
cg15874903	SSTR1	0.000328403	0.654043
cg01110290	SSTR1	0.00097156	0.00171156
cg06680369	SSTR1	0.0470621	0.270859
cg03693811	SSTR2	0.00110269	0.400484
cg18943599	SSTR2	0.0077478	0.713493
cg17965622	SSTR3	0.000318795	0.534677
cg12980353	SSTR3	0.000402488	0.305822
cg07002295	SSTR3	0.0022039	0.377582
cg23423423	SSTR3	0.012922	0.914656
cg11069317	SSTR3	0.0158235	0.822945
cg14757173	SSTR3	0.0467201	0.112862
cg10019507	SSTR4	1.08E-06	0.233139
cg18197392	SSTR4	9.07E-05	0.0652623
cg01471923	SSTR4	0.000149897	0.000229657
cg14631053	SSTR4	0.000161121	0.0427309
cg17586860	SSTR4	0.000793874	0.333314
cg01277511	SSTR4	0.00178149	4.70E-05
cg07676859	SSTR4	0.00238451	0.0881692
cg16502866	SSTR4	0.00269279	0.0124684
cg22534145	SSTR4	0.010809	0.0903617
cg07032439	SSTR4;SSTR4	3.11E-06	0.00012037
cg07686916	SSTR5;LOC146336	7.88E-05	0.367622
cg09123155	SSTR5;LOC146336	0.00734055	0.157867
cg07089275	SSTR5;LOC146336;SSTR5	0.00226432	0.182138
cg14442715	SSU72	2.92E-05	0.000551126
cg16305094	SSU72	3.54E-05	1.40E-05
cg26908276	SSU72	3.85E-05	5.57E-07
cg18368516	SSU72	0.000733354	0.0899647
cg13575252	SSU72	0.000811695	0.0209498
cg01058717	SSU72	0.00303764	0.000969079
cg07229301	SSU72	0.00312222	0.00164727
cg13424097	SSU72	0.00410865	0.0189793
cg03528848	SSU72	0.00476405	0.669867
cg24044259	SSU72	0.00500094	0.00368834
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cg18312113	SSU72	0.0135207	0.00534727
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cg22373622	SSU72	0.0209981	0.822876
cg17968925	SSU72	0.0220198	0.725159
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cg04126957	SSU72	0.0291967	0.0102908
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cg01906102	SSX1	0.00238493	0.0867244
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cg04343775	SSX3;SSX3	5.28E-06	6.07E-06
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cg16893455	SSX3;SSX3	0.0157515	0.951195
cg27056972	SSX3;SSX3	0.047641	0.109475
cg08769044	SSX3;SSX3;SSX3;SSX3	0.0458037	0.210311
cg26134482	SSX4B;SSX4B;SSX4;SSX4	0.00152965	0.485374
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cg10072162	SSX5;SSX5	0.0020508	0.714165
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cg27559197	SSX5;SSX5	0.00721013	0.0399415
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cg09764601	SSX7	0.000391524	0.000337766
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cg06834983	SSX7	0.00990675	0.934077
cg15329483	SSX7	0.0121975	0.0246145
cg18474016	SSX7	0.024247	0.0579148
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cg01632517	SSX8	2.72E-05	1.27E-06
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cg18934490	SSX9	4.17E-05	0.000126234
cg03289972	SSX9	0.000708451	0.64603
cg11149390	SSX9	0.00499608	0.355365
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cg07063211	SSX9;SSX9	0.00753301	0.406924
cg24512644	ST13	0.0292126	0.0727133
cg24755020	ST13;XPNPEP3;XPNPEP3	0.0401619	0.541777
cg15382564	ST14	1.33E-05	0.577428
cg11069338	ST14	3.93E-05	0.17374
cg07606115	ST14	4.61E-05	8.53E-06
cg22817719	ST14	0.00026501	0.641326
cg04103418	ST14	0.000695749	0.464712
cg23250795	ST14	0.00254994	0.448798
cg14830082	ST14	0.00305444	0.226072
cg09712902	ST14	0.00326241	0.369709
cg22110158	ST14	0.00440078	0.0685498
cg03098782	ST14	0.006091	0.999027
cg15863552	ST14	0.00644277	0.596865
cg02379333	ST14	0.00660568	0.0283743
cg04823219	ST14	0.00841051	0.0348054
cg10159728	ST14	0.00892296	0.208949
cg06443648	ST14	0.0118967	0.0889433
cg02643834	ST14	0.0183224	0.352943
cg02850715	ST14	0.0186609	0.772009
cg09586924	ST14	0.0261203	0.539987
cg16358741	ST14	0.0318547	0.152288
cg10356767	ST14	0.0333717	0.0504205
cg02637309	ST14	0.0344494	0.0215777
cg25892168	ST14	0.0400597	0.00130581
cg24261234	ST18	1.24E-06	0.000207208
cg14965368	ST18	0.00473994	0.0767798
cg01969759	ST18	0.00681194	0.961269
cg02231767	ST18	0.00924216	0.616403
cg00160302	ST18	0.0358659	0.253991
cg15905979	ST18;ST18	0.0250783	0.0806217
cg19294816	ST20	3.28E-05	0.872783
cg21315874	ST20	0.0128118	0.495694
cg11671969	ST20	0.0251303	0.402611
cg22389121	ST20	0.029792	0.748494

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11839771	ST20;ST20	0.0163151	0.575517	0.834195	-1.19876	0.508964	1.23949	1.23949	0.163538	0.620955	-1.61042	0.484519	1.25564	1.25564	0.000738435	0.193472	-5.16871
cg18753337	ST20;ST20;ST20	0.00040027	0.472212	1.18601	1.18601	0.000332397	0.258927	-3.8621	0.00100346	0.320024	-3.12477	0.701117	1.09415	1.09415	0.437444	0.831267	-1.20298
cg03335386	ST3GAL1;ST3GAL1	0.000281303	0.0209542	1.27863	1.27863	0.000132429	1.7977	1.7977	0.00079493	1.56569	1.56569	0.00824519	1.34845	1.34845	0.0285914	0.795707	-1.25674
cg00736681	ST3GAL1;ST3GAL1	0.000518668	0.00248712	0.516899	-1.93461	0.0139926	1.61023	1.61023	0.231767	0.821293	-1.21759	9.94E-05	0.338175	-2.95705	0.000795682	0.451458	-2.21504
cg09818502	ST3GAL1;ST3GAL1	0.00181571	0.53547	1.08931	1.08931	0.0108671	0.646666	-1.54639	0.573025	0.925307	-1.08072	0.918742	0.986186	-1.01401	5.57E-05	0.35995	-2.77816
cg18977891	ST3GAL1;ST3GAL1	0.00212541	0.0691491	0.653782	-1.52956	0.0346032	0.597554	-1.67349	0.0322766	1.68872	1.68872	0.725125	1.07657	1.07657	0.00174022	0.393319	-2.54247
cg02986801	ST3GAL1;ST3GAL1	0.0023424	0.0643211	0.772936	-1.29377	0.0774353	0.784096	-1.27535	0.0101222	0.668979	-1.49481	0.0644286	1.2936	1.2936	0.00133115	0.560912	-1.78281
cg27465994	ST3GAL1;ST3GAL1	0.00372807	0.00561519	0.476006	-2.10081	0.02367	0.576075	-1.73588	0.0100177	0.514904	-1.94211	0.39073	0.835637	-1.19669	0.00143481	0.390193	-2.56283
cg24147793	ST3GAL1;ST3GAL1	0.00452776	0.151416	0.804518	-1.24298	0.43552	1.11916	1.11916	0.00307123	1.77458	1.77458	0.532258	1.09365	1.09365	0.000523448	0.465313	-2.14909
cg12341757	ST3GAL1;ST3GAL1	0.00617637	0.000325087	0.48287	-2.07095	0.0163491	0.692299	-1.44446	0.952904	1.00743	1.00743	0.0222243	0.709367	-1.40971	0.0283852	0.723139	-1.38286
cg02609337	ST3GAL1;ST3GAL1	0.00775684	0.00302853	0.370545	-2.69873	0.269508	0.755064	-1.32439	0.982742	0.994729	-1.0053	0.027339	0.528395	-1.89252	0.00975336	0.449962	-2.22241
cg00026474	ST3GAL1;ST3GAL1	0.0178305	0.034676	0.418831	-2.3876	0.0624728	0.476632	-2.09805	0.0861374	0.51163	-1.95454	0.0965539	0.52477	-1.9056	0.0243366	0.387326	-2.5818
cg10673140	ST3GAL1;ST3GAL1	0.0198034	0.154404	0.688272	-1.45291	0.480666	0.838893	-1.19205	0.014105	0.47596	-2.10102	0.529075	1.16913	1.16913	0.000984681	0.301091	-3.32125
cg08517062	ST3GAL1;ST3GAL1	0.0244541	0.0355125	0.722249	-1.38456	0.752777	1.0429	1.0429	0.323176	1.14529	1.14529	0.127398	1.24501	1.24501	0.0721253	0.765799	-1.30582
cg20776891	ST3GAL1;ST3GAL1	0.0274723	0.3565	0.861719	-1.16047	0.0287932	1.49875	1.49875	0.0140857	1.60893	1.60893	0.710086	0.943085	-1.06035	0.0659616	0.723449	-1.38227
cg18980148	ST3GAL1;ST3GAL1	0.035375	0.0318435	0.35706	-2.80065	0.180275	0.558491	-1.79054	0.0291974	0.349232	-2.86342	0.400751	0.703197	-1.42208	0.0550594	0.410448	-2.43636
cg00592695	ST3GAL1;ST3GAL1	0.0407809	0.161016	0.76196	-1.3124	0.385644	1.17528	1.17528	0.049771	0.666054	-1.50138	0.00962602	0.551515	-1.81319	0.15792	1.31543	1.31543
cg02503970	ST3GAL1;ST3GAL1;ST3GAL1;ST3GAL1	0.0239625	0.809981	0.972116	-1.02868	0.0174994	1.40427	1.40427	0.0294111	1.35141	1.35141	0.0739199	0.791482	-1.26345	0.159181	1.1932	1.1932
cg07929956	ST3GAL2	0.000169303	2.74E-06	0.113208	-8.8333	0.896622	1.02547	1.02547	0.00204131	0.431249	-2.31885	0.0339002	0.619318	-1.61468	0.116567	0.718996	-1.39083
cg00589006	ST3GAL2	0.000247536	0.0345212	0.821862	-1.21675	0.0890446	1.16095	1.16095	3.08E-06	2.4171	2.4171	0.0420171	1.20498	1.20498	0.404321	1.07026	1.07026
cg03545133	ST3GAL2	0.00106394	0.751024	1.0875	1.0875	0.259731	0.733588	-1.36316	0.895117	0.96584	-1.03537	0.710145	1.10338	1.10338	0.961166	0.987251	-1.01291
cg26950652	ST3GAL2	0.00193516	0.00997737	0.650466	-1.53736	0.810169	1.03232	1.03232	0.211311	0.840241	-1.19014	0.159912	1.21955	1.21955	0.000153961	0.424288	-2.35689
cg05261349	ST3GAL2	0.00232698	0.252516	0.772131	-1.29512	0.00153954	2.67999	2.67999	0.619099	1.11453	1.11453	0.745923	1.07288	1.07288	0.000300712	0.280281	-3.56785
cg01391060	ST3GAL2	0.00379825	0.513555	0.84143	-1.18845	0.234475	0.722698	-1.3837	0.500414	0.836744	-1.19511	0.427838	0.809813	-1.23485	0.775915	0.928329	-1.0772
cg02672936	ST3GAL2	0.00410048	0.629539	0.919457	-1.0876	0.608689	1.09331	1.09331	0.507326	0.890288	-1.12323	0.0169168	1.65425	1.65425	0.892778	0.97697	-1.02357
cg01269537	ST3GAL2	0.00723149	0.770835	1.12713	1.12713	0.0616176	2.40726	2.40726	0.718654	1.15982	1.15982	0.0410279	2.68528	2.68528	0.335002	1.5055	1.5055
cg05983723	ST3GAL2	0.0395892	0.277022	0.742018	-1.34768	0.00130054	3.44234	3.44234	0.268174	1.3558	1.3558	0.445026	0.814258	-1.22811	0.426928	0.807279	-1.23873
cg11704212	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.000251431	0.00191953	0.383685	-2.6063	0.0148114	0.520023	-1.92299	0.0295645	0.571944	-1.74842	0.661765	0.908461	-1.10076	3.87E-06	0.0956965	-10.4497
cg08142848	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.00197531	0.775418	1.06914	1.06914	0.00793353	0.451248	-2.21608	0.0120733	0.48116	-2.07831	0.575215	1.1415	1.1415	0.000205106	0.233619	-4.28047
cg12619880	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.00423975	0.467059	1.1085	1.1085	0.128068	1.25733	1.25733	0.00887109	0.629007	-1.58981	0.546966	1.08855	1.08855	0.805281	1.03498	1.03498
cg07598341	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.00616005	0.118394	0.571757	-1.74899	0.375857	1.34944	1.34944	0.16455	0.613236	-1.63069	0.224386	0.656483	-1.52327	0.000177582	0.123069	-8.12552
cg10886334	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.00671783	0.00192013	0.362147	-2.76131	0.644846	1.1133	1.1133	0.0396086	1.7338	1.7338	0.944931	1.0161	1.0161	0.542438	0.867113	-1.15325
cg01079969	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.00878612	0.00880669	0.774691	-1.29084	0.885499	0.989032	-1.01109	0.00373443	1.34948	1.34948	0.0281196	0.819974	-1.21955	0.0189939	1.2428	1.2428
cg19636224	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.0400899	0.361078	0.801817	-1.24717	0.00832175	0.452275	-2.21104	0.133614	0.683434	-1.4632	0.0395349	0.571138	-1.75089	0.0725278	0.624132	-1.60222
cg26396357	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.041122	0.223063	0.682211	-1.46582	0.118841	0.603105	-1.65809	0.450893	0.794967	-1.25791	0.494586	0.812877	-1.2302	0.00378734	0.311373	-3.21158
cg14726821	ST3GAL4	0.00565289	0.0585172	0.674939	-1.48162	0.514338	0.885475	-1.12934	0.0559276	0.671456	-1.4893	0.543896	0.893157	-1.11962	0.68388	0.927467	-1.0782
cg26543072	ST3GAL4	0.00685027	0.00350575	0.594566	-1.6819	0.053457	0.749769	-1.33374	0.00546074	0.618899	-1.61577	0.801399	0.967451	-1.03364	0.0770938	0.772544	-1.29442
cg05055844	ST3GAL4	0.010299	0.044272	1.61312	1.61312	0.088926	0.678226	-1.47443	0.232018	1.29615	1.29615	0.961529	0.990068	-1.01003	0.10623	1.44063	1.44063
cg25723459	ST3GAL4	0.0110796	0.0172046	0.508431	-1.96683	0.113288	0.669257	-1.49419	0.000517781	0.283096	-3.53237	0.0179305	0.511551	-1.95484	0.219075	0.739937	-1.35147
cg06490744	ST3GAL4	0.0267137	0.214683	0.839345	-1.19141	0.308529	0.868219	-1.15178	0.233868	0.845918	-1.18215	0.0442359	0.733544	-1.36325	0.599886	0.931492	-1.07355
cg19008371	ST3GAL4	0.0476502	0.516958	0.783145	-1.2769	0.00499659	0.251049	-3.98328	0.083489	0.49031	-2.03953	0.147357	0.560788	-1.78321	0.134536	0.548666	-1.8226
cg25054294	ST3GAL4	0.0494037	0.374519	0.707653	-1.41312	0.999584	1.0002	1.0002	0.610584	1.21511	1.21511	0.632332	1.20066	1.20066	0.00121648	0.165917	-6.02709
cg00783159	ST3GAL5	0.00646897	0.903818	1.03653	1.03653	0.000564897	0.204735	-4.88435	0.00469344	0.327787	-3.05076	0.167052	1.54838	1.54838	0.340048	1.3389	1.3389
cg12225893	ST3GAL5	0.0304216	0.625433	0.85157	-1.1743	0.996313	0.998492	-1.00151	0.763701	1.10348	1.10348	0.000864802	0.195341	-5.11924	0.738528	0.896364	-1.11562
cg07834492	ST3GAL5;ST3GAL5	0.000646607	0.901614	1.01429	1.01429	0.00029664	0.508615	-1.96612	0.000670295	0.550333	-1.81708	0.00745099	0.673358	-1.48509	0.152759	0.838826	-1.19214
cg01477546	ST3GAL5;ST3GAL5	0.00887027	0.531317	1.08223	1.08223	0.000865822	1.86458	1.86458	0.93183	0.989394	-1.01072	0.0624918	1.29859	1.29859	0.609954	1.06622	1.06622
cg12214471	ST3GAL5;ST3GAL5	0.00922199	0.0345218	1.45619	1.45619	0.129678	1.28348	1.28348	0.453574	1.12343	1.12343	0.00413961	0.556512	-1.79691	0.00483033	0.565594	-1.76805
cg04981508	ST3GAL5;ST3GAL5	0.0394101	0.000670258	0.597486	-1.67368	0.133389	0.85195	-1.17378	0.680446	0.959843	-1.04184	0.40603	0.919314	-1.08777	0.730906	0.96641	-1.03476
cg20672524	ST3GAL5;ST3GAL5	0.0499945	0.353592	0.889949	-1.12366	0.0140469	0.690454	-1.44832	0.0217051	0.714176	-1.40022	0.590196	1.06867	1.06867	0.524847	1.0819	1.0819
cg13789881	ST3GAL5;ST3GAL5;ST3GAL5	0.00450967	0.471596	1.10746	1.10746	0.000327757	0.445321	-2.24557	0.481663	1.10482	1.10482	0.00518984	0.597966	-1.67234	0.328926	0.86897	-1.15079
cg06798483	ST3GAL6	0.000911103	0.000410727	0.576114	-1.73577	0.121074	1.17968	1.17968	0.000898183	0.6135	-1.62999	0.00766859	0.714013	-1.40053	0.027085	0.773202	-1.29332
cg10128511	ST3GAL6	0.00928732	0.00926216	0.105758	-9.45558	0.0192438	0.145664	-6.86512	0.0977622	0.290584	-3.44135	0.0960476	0.288388	-3.46755	0.00919593	0.105419	-9.48592
cg10256839	ST5	0.000330339	0.00040544	0.517436	-1.93261	0.00352073	1.59017	1.59017	0.0314884	0.744021	-1.34405	0.0546717	0.774542	-1.29109	6.35E-05	0.422045	-2.36941
cg19019345	ST5	0.0029077	0.0140535	0.428974	-2.33114	0.00389943	0.337996	-2.95861	0.0309718	0.493099	-2.02799	0.368478	0.772711	-1.29414	0.0011765	0.264779	-3.77673
cg03553640	ST5	0.00968747	0.597869	0.927571	-1.07809	0.191505	0.822569	-1.2157	0.00162533	0.528424	-1.89242	0.769263	0.959303	-1.04242	0.836873	0.971299	-1.02955
cg04941127	ST5	0.0171073	0.116543	0.76669	-1.30431	0.869567	1.02593	1.02593	0.787146	0.958713	-1.04307	0.480498	1.11821	1.11821	0.00452182	0.554644	-1.80296
cg08740309	ST5	0.0245532	0.0218203	0.804663	-1.24276	0.176394	1.12018	1.12018	0.0244402	0.809206	-1.23578	0.771877	1.02322	1.02322	0.0448844	0.83379	-1.19934
cg05704960	ST5	0.0301619	0.450758	0.90224	-1.10835	0.0672111	1.31602	1.31602	0.0730644	1.30688	1.30688	0.399093	1.12252	1.12252	0.13382	1.24169	1.24169
cg24972288	ST5	0.0480065	0.0289443	1.34545	1.34545	0.544204	0.931713	-1.07329	0.00210679	1.64588	1.64588	0.488208	1.08453	1.08453	0.39985	1.10441	1.10441
cg05955334	ST5;C11orf17;C11orf17	0.0194261	0.00332194	0.336297	-2.97356	0.196497	1.451	1.451	0.0672417	1.74899	1.74899	0.0158506	2.23774	2.23774	0.211626	1.43145	1.43145
cg26501107	ST5;ST5	0.0469883	0.144805	0.679375	-1.47194	0.0406569	1.79218	1.79218	0.16196	0.691691	-1.44573	0.70923	1.09687	1.09687	0.130227	0.668011	-1.49698
cg06324635	ST5;ST5;ST5	0.0017076	0.0381299	0.582686	-1.71619	0.171578	0.721023	-1.38692	0.000389997	0.280659	-3.56304	0.0555325	1.62845	1.62845	0.0222765	0.540314	-1.85078
cg25169706	ST5;ST5;ST5	0.00433532	0.00247892	0.324075	-3.0857	0.881418	0.960803	-1.0408	0.00198959	0.310493	-3.22068	0.0746508	0.587467	-1.70222	0.0003438	0.21361	-4.68144
cg05702978	ST5;ST5;ST5	0.00958987	0.931743	0.985361	-1.01486	0.00292733	0.49479	-2.02106	0.00963375	0.568904	-1.75776	0.0778966	1.4011	1.4011	0.534591	1.11434	1.11434
cg03705299	ST5;ST5;ST5	0.0119358	0.402902	0.881305	-1.13468	0.244564	0.835532	-1.19684	0.28901	1.1764	1.1764	0.0396429	1.42075	1.42075	0.00157492	0.511691	-1.9543
cg22620356	ST5;ST5;ST5	0.0136027	0.327722	0.787288	-1.27018	0.0209289	1.93052	1.93052	0.212498	1.36458	1.36458	0.0219268	0.521609	-1.91715	0.00722159	0.440132	-2.27205
cg25831522	ST5;ST5;ST5	0.0184096	0.0318885	0.761545	-1.31312	0.034322	1.30662	1.30662	0.380043	0.907063	-1.10246	0.735688	0.963963	-1.03738	0.869861	1.01792	1.01792
cg08726522	ST5;ST5;ST5	0.020613	0.0112063	0.175141	-5.70969	0.00423097	0.122555	-8.15958	0.208965	0.483824	-2.06687	0.105365	0.379112	-2.63774	0.00829669	0.157234	-6.35993
cg01902758	ST5;ST5;ST5	0.0352433	0.280521	0.639845	-1.56288	0.106591	2.01657	2.01657	0.366164	1.44713	1.44713	0.1219	1.94924	1.94924	0.00277702	0.19359	-5.16556
cg25080973	ST5;ST5;ST5	0.0435343	0.0482698	0.478091	-2.09165	0.450478	0.7777	-1.28584	0.0417144	0.464129	-2.15457	0.959606	0.983576	-1.0167	0.00495671	0.296259	-3.37543
cg10575441	ST5;ST5;ST5	0.0449214	0.100396	1.90104	1.90104	0.0073321	3.43412	3.43412	0.0497345	2.22314	2.22314	0.264671	1.51428	1.51428	0.0618368	2.11832	2.11832
cg09851241	ST6GAL1;ST6GAL1	6.74E-06	0.900517	0.993962	-1.00607	2.54E-06	1.73456	1.73456	2.71E-06	1.72642	1.72642	0.00209792	0.810947	-1.23313	0.156505	0.929233	-1.07616
cg26193484	ST6GAL1;ST6GAL1	1.06E-05	0.128948	0.792226	-1.26227	0.697154	1.05709	1.05709	0.662321	1.06437	1.06437	0.0552617	1.36132	1.36132	0.70333	0.947134	-1.05582
cg24050613	ST6GAL1;ST6GAL1	4.76E-05	0.741815	0.913124	-1.09514	0.164515	1.50334	1.50334	0.242453	1.39974	1.39974	0.031282	2.00287	2.00287	0.408963	1.26132	1.26132
cg16751732	ST6GAL1;ST6GAL1	0.000105465	0.223067	0.764906	-1.30735	0.666358	0.913198	-1.09505	0.972759	0.992877	-1.00717	0.669431	0.914021	-1.09407	0.792164	0.946219	-1.05684
cg13419791	ST6GAL1;ST6GAL1	0.000900119	0.280266	1.78228	1.78228	0.117935	2.39687	2.39687	0.294671	1.74998	1.74998	0.239294	1.88609	1.88609	0.694353	0.815997	-1.22549
cg02263539	ST6GAL1;ST6GAL1	0.0050247	0.0412194	0.263316	-3.79772	?	?	?	?	?	?	0.249501	1.88962	1.88962	?	?	?
cg10005894	ST6GAL1;ST6GAL1	0.0134608	0.0929396	0.814224	-1.22816	0.0252222	1.34433	1.34433	0.0951163	1.22618	1.22618	0.726565	0.961717	-1.03981	0.056642	1.27111	1.27111
cg22593953	ST6GAL1;ST6GAL1;ST6GAL1	0.00579156	0.0244793	0.410252	-2.43752	0.87994	0.950993	-1.05153	0.100607	0.549959	-1.81832	0.820379	0.927181	-1.07854	0.000297555	0.141212	-7.08153
cg19947439	ST6GAL1;ST6GAL1;ST6GAL1	0.00717693	0.0167305	2.36441	2.36441	0.00146738	3.86956	3.86956	0.900332	1.03761	1.03761	0.147115	1.58157	1.58157	0.009634	0.380823	-2.62589
cg15287850	ST6GAL1;ST6GAL1;ST6GAL1	0.0271794	0.173145	1.2813	1.2813	0.0324402	1.5345	1.5345	0.43707	0.873216	-1.14519	0.26624	0.820289	-1.21908	0.894486	0.977563	-1.02295
cg25372568	ST6GAL1;ST6GAL1;ST6GAL1;ST6GAL1	0.0105115	0.587757	1.16779	1.16779	0.36323	0.767343	-1.3032	0.743534	0.911155	-1.09751	0.0229264	2.16238	2.16238	0.625382	1.14964	1.14964
cg25725843	ST6GAL2;ST6GAL2	0.000760576	0.388994	1.2023	1.2023	0.107359	1.44304	1.44304	0.0783906	1.50384	1.50384	0.04227	1.62936	1.62936	0.153879	0.727173	-1.37519
cg26840082	ST6GAL2;ST6GAL2	0.00891474	0.589519	1.13021	1.13021	0.0157318	1.94474	1.94474	0.242543	1.31633	1.31633	0.557039	1.14278	1.14278	0.0157191	0.514147	-1.94497
cg14507868	ST6GAL2;ST6GAL2;ST6GAL2	0.00112781	0.105281	0.819285	-1.22058	0.0529104	1.28116	1.28116	0.000596779	1.81618	1.81618	0.507405	1.07868	1.07868	0.00421103	0.649445	-1.53978
cg08236767	ST6GAL2;ST6GAL2;ST6GAL2	0.0287217	0.442121	1.23399	1.23399	0.805543	0.935972	-1.06841	0.151941	1.50948	1.50948	0.0291157	1.99342	1.99342	0.0737053	1.70719	1.70719
cg04571163	ST6GAL2;ST6GAL2;ST6GAL2	0.0300605	0.974249	0.995989	-1.00403	0.73705	1.04285	1.04285	0.00150422	1.76735	1.76735	0.645018	0.943877	-1.05946	0.96814	0.995039	-1.00499
cg21649258	ST6GAL2;ST6GAL2;ST6GAL2	0.0404876	0.0888901	0.587637	-1.70173	0.452907	1.2419	1.2419	0.00357025	3.05989	3.05989	0.27738	1.37721	1.37721	0.0788992	0.575332	-1.73813
cg04434339	ST6GAL2;ST6GAL2;ST6GAL2;ST6GAL2;ST6GAL2	0.0137839	0.0454584	0.802058	-1.24679	0.0152505	1.33173	1.33173	0.0256217	1.29037	1.29037	0.536637	0.941616	-1.062	0.621281	1.04904	1.04904
cg12898019	ST6GALNAC1	0.0127635	0.486865	0.686926	-1.45576	0.00113305	0.0784025	-12.7547	0.0562834	0.316949	-3.15508	0.527699	0.711682	-1.40512	0.00497056	0.138522	-7.21905
cg00898480	ST6GALNAC1	0.0156512	0.008378	0.129242	-7.73742	0.0174222	0.172317	-5.80326	0.0150392	0.162778	-6.14335	0.0899156	0.321271	-3.11264	0.00889697	0.132388	-7.55358
cg03096803	ST6GALNAC1	0.0168584	0.00915847	0.176755	-5.65755	0.0121077	0.194407	-5.14386	0.0236926	0.243156	-4.11259	0.0616334	0.332123	-3.01093	0.00945954	0.178729	-5.59506
cg15503752	ST6GALNAC1;ST6GALNAC1	6.25E-05	0.019623	1.59879	1.59879	0.982614	1.00363	1.00363	2.72E-05	0.252244	-3.96441	0.648405	1.0794	1.0794	0.000136543	0.333394	-2.99945
cg24935631	ST6GALNAC2	4.20E-05	0.000584841	0.383601	-2.60688	0.00353013	0.490161	-2.04015	4.52E-05	0.248838	-4.01868	0.432244	0.865466	-1.15545	0.0108797	0.561935	-1.77956
cg22478919	ST6GALNAC2	0.00805127	0.218081	0.786947	-1.27073	0.0389233	0.642689	-1.55596	0.00175188	2.2814	2.2814	0.529792	1.12492	1.12492	0.0322351	0.628891	-1.5901
cg24093139	ST6GALNAC2	0.0476624	0.0164259	0.770763	-1.29742	0.0342694	0.803071	-1.24522	0.695411	1.03556	1.03556	0.124186	0.862578	-1.15932	0.161989	1.14178	1.14178
cg09321082	ST6GALNAC2;ST6GALNAC2	0.00104716	0.859714	0.98563	-1.01458	0.581178	0.955436	-1.04664	0.669161	1.03579	1.03579	0.00950719	0.764309	-1.30837	7.97E-05	0.558152	-1.79163
cg12702354	ST6GALNAC3	0.000580388	0.284785	0.800558	-1.24913	0.0121038	0.534578	-1.87063	0.0138321	0.543859	-1.83871	0.688636	1.08399	1.08399	1.06E-05	0.152117	-6.57387
cg26256154	ST6GALNAC3;ST6GALNAC3	9.25E-05	0.137164	0.789143	-1.2672	0.643058	0.933303	-1.07146	0.0377539	0.700198	-1.42817	0.555844	0.915653	-1.09212	0.000397141	0.434314	-2.30248
cg10511850	ST6GALNAC3;ST6GALNAC3	0.00088636	0.0040255	0.568216	-1.7599	0.000114438	0.371458	-2.69209	0.000612336	0.462053	-2.16425	0.218756	1.20832	1.20832	0.00462009	0.576172	-1.73559
cg11348257	ST6GALNAC3;ST6GALNAC3	0.00264725	0.000672483	0.255216	-3.91825	0.935233	1.02157	1.02157	0.00914158	0.419242	-2.38526	0.00183722	0.312934	-3.19556	0.019672	0.477192	-2.09559
cg10241563	ST6GALNAC3;ST6GALNAC3	0.00369702	0.0121451	0.316262	-3.16194	0.00944245	0.297753	-3.35849	0.00874511	0.292279	-3.42138	0.00375755	0.236799	-4.22299	0.00362219	0.234576	-4.26301
cg04490113	ST6GALNAC3;ST6GALNAC3	0.00473044	0.00542802	0.473043	-2.11397	0.0603228	1.54255	1.54255	0.000447497	0.322077	-3.10485	0.486311	0.865257	-1.15573	0.120847	1.41083	1.41083
cg17517997	ST6GALNAC3;ST6GALNAC3	0.00694186	0.014854	0.362265	-2.76041	0.17606	0.614191	-1.62816	0.451344	0.771024	-1.29698	0.742935	1.11798	1.11798	0.000197792	0.120127	-8.32454
cg09580755	ST6GALNAC3;ST6GALNAC3	0.00823676	0.0212831	0.418418	-2.38996	0.00440876	0.302293	-3.30805	0.42873	0.77547	-1.28954	0.102054	1.75638	1.75638	0.00532308	0.314814	-3.17648
cg17325792	ST6GALNAC3;ST6GALNAC3	0.0101053	0.257825	0.865991	-1.15475	0.00760444	0.658202	-1.51929	0.0070363	0.654071	-1.52889	0.0148738	0.694185	-1.44054	0.0212657	1.40124	1.40124
cg17891928	ST6GALNAC3;ST6GALNAC3	0.0104239	0.0582366	0.766442	-1.30473	0.00669008	0.645852	-1.54834	0.00496105	0.62983	-1.58773	0.898052	1.01606	1.01606	0.0422491	0.747691	-1.33745
cg09867656	ST6GALNAC3;ST6GALNAC3	0.0159333	0.207154	1.46251	1.46251	0.47577	1.23026	1.23026	0.625494	0.868865	-1.15093	0.624962	1.15118	1.15118	0.03285	2.04079	2.04079
cg11963676	ST6GALNAC3;ST6GALNAC3	0.0199168	0.290156	1.29296	1.29296	0.00101026	3.13208	3.13208	0.78414	1.06637	1.06637	0.310579	1.27832	1.27832	0.530328	1.16041	1.16041
cg25312440	ST6GALNAC3;ST6GALNAC3	0.0361377	0.0290161	0.446313	-2.24058	0.202495	0.65588	-1.52467	0.2197	0.667277	-1.49863	0.752693	0.905665	-1.10416	0.0266636	0.438975	-2.27803
cg24580071	ST6GALNAC3;ST6GALNAC3	0.0362867	0.665897	0.879867	-1.13654	0.0353638	2.0583	2.0583	0.0202401	2.28157	2.28157	0.152482	0.63666	-1.5707	0.16177	0.643927	-1.55297
cg06211837	ST6GALNAC3;ST6GALNAC3;ST6GALNAC3;ST6GALNAC3	5.06E-06	4.84E-08	0.0117894	-84.8218	0.895779	0.96978	-1.03116	0.191503	1.38234	1.38234	0.275916	0.76692	-1.30392	0.000493605	0.278785	-3.58699
cg12601757	ST6GALNAC3;ST6GALNAC3;ST6GALNAC3	0.00335266	5.06E-05	0.526224	-1.90033	0.149313	0.877503	-1.1396	0.0232211	0.795089	-1.25772	0.315685	1.09163	1.09163	0.216539	0.895924	-1.11617
cg13653989	ST6GALNAC4;ST6GALNAC4	1.76E-05	0.371518	1.15845	1.15845	0.0729595	0.725714	-1.37795	0.617018	0.922361	-1.08417	0.0124246	0.607309	-1.64661	1.27E-06	0.135696	-7.36939
cg13886636	ST6GALNAC4;ST6GALNAC4	0.000688047	0.00802491	1.19596	1.19596	0.827325	0.988557	-1.01158	0.0183871	0.860104	-1.16265	0.271468	1.06217	1.06217	0.00443314	0.818697	-1.22145
cg14081251	ST6GALNAC4;ST6GALNAC4	0.025736	0.0676794	0.574476	-1.74072	0.031309	0.504552	-1.98196	0.0671835	0.573764	-1.74288	0.0354381	0.515209	-1.94096	0.00075686	0.250881	-3.98595
cg04416752	ST6GALNAC4;ST6GALNAC4	0.0392121	0.0310988	0.703078	-1.42232	0.590402	1.07859	1.07859	0.122117	1.26273	1.26273	0.994612	0.99906	-1.00094	0.171283	0.816444	-1.22482
cg13944939	ST6GALNAC4;ST6GALNAC4;ST6GALNAC4;ST6GALNAC4	0.00475088	0.00395264	0.554829	-1.80236	0.0244775	1.50275	1.50275	0.383941	1.1453	1.1453	0.0162844	0.639898	-1.56275	0.00352796	0.548186	-1.8242
cg04444465	ST6GALNAC4;ST6GALNAC4;ST6GALNAC4;ST6GALNAC4	0.00933352	0.0837249	0.827302	-1.20875	0.0890569	1.20412	1.20412	0.00142851	1.57916	1.57916	0.377381	0.914189	-1.09387	0.933174	1.00834	1.00834
cg13846507	ST6GALNAC4;ST6GALNAC4;ST6GALNAC4;ST6GALNAC4	0.0139162	0.476763	1.0871	1.0871	0.259524	0.873034	-1.14543	0.0964	1.23457	1.23457	0.0328356	1.334	1.334	0.172836	0.845809	-1.1823

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11839771	0.0675609	0.518781	-1.9276	0.270803	0.692529	-1.44398	0.671439	1.14651	1.14651	0.00979881	0.351194	-2.84743	5.03817	8.19393	1.44566	1
cg18753337	0.00686574	0.441893	-2.26299	2.63E-05	0.143739	-6.95707	0.253154	1.32108	1.32108	0.268977	0.764451	-1.30813	15.1974	13.1013	0.766293	1
cg03335386	0.00342093	1.42178	1.42178	0.000178671	1.7535	1.7535	0.000320366	1.67408	1.67408	0.0752976	1.19151	1.19151	16.7422	2.07578	0.110209	1
cg00736681	0.0987983	0.752679	-1.32859	0.273803	0.836307	-1.19573	0.00447273	0.551516	-1.81318	0.000893719	0.458027	-2.18328	14.1459	5.52044	0.34689	1
cg09818502	0.00148224	0.535277	-1.86819	0.960922	1.0067	1.0067	0.8251	1.03063	1.03063	0.913994	0.985381	-1.01484	9.91675	2.91833	0.261585	1
cg18977891	0.0552532	0.634992	-1.57482	0.00377218	0.441783	-2.26355	0.0106806	1.95561	1.95561	0.00457216	0.454242	-2.20147	9.47234	6.55249	0.614889	1
cg02986801	0.000998812	0.545758	-1.83231	0.152099	1.20938	1.20938	0.8108	1.03016	1.03016	0.00420959	0.621926	-1.60791	9.20654	2.23884	0.216159	1
cg27465994	0.000373491	0.312868	-3.19623	0.163033	0.737852	-1.35528	0.984502	1.00397	1.00397	0.0171303	0.552536	-1.80984	8.02058	5.29548	0.586876	1
cg24147793	0.0469738	0.724875	-1.37955	0.120785	1.26882	1.26882	0.740043	0.953975	-1.04825	0.326131	0.866355	-1.15426	7.56359	2.39861	0.28189	1
cg12341757	0.127384	1.22941	1.22941	0.950182	0.992203	-1.00786	0.0415457	0.744958	-1.34236	0.167162	0.831526	-1.20261	6.87732	1.70963	0.220969	1
cg02609337	0.756937	1.07881	1.07881	0.800525	1.06381	1.06381	0.2108	1.3801	1.3801	0.00123009	0.315126	-3.17333	6.406	6.05673	0.840424	1
cg00026474	0.279838	0.672302	-1.48743	0.002962	0.236549	-4.22745	0.00180339	0.208324	-4.80021	0.242101	0.648762	-1.5414	4.89066	9.67474	1.75841	1
cg10673140	0.809661	0.942581	-1.06092	0.588566	1.1432	1.1432	0.970058	1.00924	1.00924	0.149352	1.46063	1.46063	4.72037	4.48948	0.84541	1
cg08517062	0.979495	1.00342	1.00342	0.00140381	0.540669	-1.84956	0.389866	0.889465	-1.12427	0.959929	1.0067	1.0067	4.39078	1.22894	0.248793	1
cg20776891	0.114437	0.76381	-1.30923	0.202684	1.23498	1.23498	0.0228171	1.53344	1.53344	0.856424	1.02883	1.02883	4.21591	1.64434	0.346694	1
cg18980148	0.750048	0.877351	-1.13979	0.00605032	0.230434	-4.33963	0.00807383	0.249335	-4.01067	0.0651378	0.428389	-2.33433	3.85224	10.2254	2.35947	1
cg00592695	0.0520154	0.669375	-1.49393	0.344645	1.19334	1.19334	0.532493	1.12166	1.12166	0.0986945	0.719791	-1.38929	3.65697	1.90986	0.464224	1
cg02503970	0.254159	0.869538	-1.15004	0.185408	0.848007	-1.17924	0.0960352	0.806872	-1.23935	0.034142	1.33674	1.33674	4.42179	0.965232	0.194035	1
cg07929956	0.218933	1.28421	1.28421	0.0531569	1.52968	1.52968	0.192213	0.765632	-1.30611	0.924835	1.01842	1.01842	19.2187	11.3928	0.526933	1
cg00589006	0.154369	1.12899	1.12899	0.611652	0.960074	-1.04159	0.034064	1.21755	1.21755	0.720914	0.971857	-1.02896	17.3367	1.73882	0.0891529	1
cg03545133	0.235549	0.720665	-1.38761	1.08E-05	0.0842238	-11.8731	0.191734	1.43933	1.43933	0.888206	1.03776	1.03776	11.5613	12.7148	0.977572	1
cg26950652	0.737611	0.95653	-1.04545	0.00865343	0.642489	-1.55645	0.0108151	1.52672	1.52672	0.0976575	0.786463	-1.27152	9.73487	2.69372	0.245963	1
cg05261349	0.594595	1.12324	1.12324	0.0335064	0.584261	-1.71157	0.0436371	1.6518	1.6518	0.225748	0.759389	-1.31685	9.22439	6.83892	0.659019	1
cg01391060	0.000241491	0.205434	-4.86774	0.000301428	0.216223	-4.62486	0.994381	0.998167	-1.00184	0.132047	0.654692	-1.52744	7.97577	8.57799	0.956005	1
cg02672936	0.764504	0.94942	-1.05327	9.14E-05	0.29894	-3.34516	0.230835	1.24254	1.24254	0.804203	1.04385	1.04385	7.79395	3.68429	0.420188	1
cg01269537	0.460719	1.36128	1.36128	0.164402	0.541345	-1.84725	0.000283969	0.071511	-13.9839	0.69039	0.848648	-1.17834	7.51464	19.5433	2.02277	1
cg05983723	0.593658	1.15273	1.15273	0.0763864	1.68251	1.68251	0.990124	1.00327	1.00327	0.841036	1.05443	1.05443	3.69716	4.07856	0.980587	1
cg11704212	0.841121	0.957173	-1.04474	0.111607	0.685296	-1.45922	0.776441	1.06405	1.06405	0.00232691	0.395621	-2.52767	17.2631	13.0035	0.669559	1
cg08142848	0.120501	0.674602	-1.48236	0.00194213	0.358906	-2.78625	0.184525	0.719654	-1.38956	0.00148432	0.342522	-2.91952	9.67685	8.37334	0.769152	1
cg12619880	0.516436	0.912493	-1.0959	0.000266925	0.434769	-2.30007	0.0212941	1.47	1.47	0.237294	0.841698	-1.18807	7.7157	2.36766	0.272766	1
cg07598341	0.00849883	0.330342	-3.02716	0.0458217	0.470057	-2.1274	0.428526	0.766032	-1.30543	0.0216589	0.402858	-2.48226	6.88295	11.854	1.53087	1
cg10886334	0.742617	1.07918	1.07918	0.00251969	0.379085	-2.63793	0.577445	1.139	1.139	0.00768207	0.452852	-2.20823	6.70041	5.67485	0.752836	1
cg01079969	0.253789	0.912822	-1.0955	0.62469	0.962966	-1.03846	0.207034	0.903168	-1.10721	0.16433	1.12027	1.12027	6.15916	0.571446	0.082471	1
cg19636224	0.125087	0.67667	-1.47782	0.667854	1.10689	1.10689	0.509193	1.17062	1.17062	0.0084386	0.453255	-2.20626	3.68009	3.22577	0.779152	1
cg26396357	0.00326167	0.301787	-3.3136	0.686937	0.886019	-1.12864	0.944225	0.979318	-1.02112	0.202531	0.669064	-1.49463	3.64573	5.15163	1.25605	1
cg14726821	0.0368442	0.640189	-1.56204	0.0054325	1.95983	1.95983	0.00128913	0.422003	-2.36965	0.00825064	0.537187	-1.86155	7.06775	3.78702	0.476282	1
cg26543072	0.0223446	0.698097	-1.43246	0.0148917	0.674899	-1.4817	0.00105781	0.529527	-1.88848	0.64595	1.06261	1.06261	6.65984	1.81809	0.242661	1
cg05055844	0.035351	1.6605	1.6605	0.000468499	3.12048	3.12048	0.057291	1.56055	1.56055	0.870069	0.96669	-1.03446	5.85512	3.97138	0.602911	1
cg25723459	0.00662641	0.439886	-2.27332	0.262843	0.761831	-1.31263	0.0387564	0.572525	-1.74665	0.280078	0.769778	-1.29908	5.71922	4.91862	0.764458	1
cg06490744	0.00420129	0.598053	-1.67209	0.0151858	1.49162	1.49162	0.702748	1.05275	1.05275	0.41029	1.11952	1.11952	4.25755	1.21217	0.253076	1
cg19008371	0.648045	1.18647	1.18647	0.0409952	2.40458	2.40458	0.341746	0.694584	-1.43971	0.57827	0.811462	-1.23234	3.45049	7.56345	1.94844	1
cg25054294	0.706166	1.15452	1.15452	0.27609	1.53697	1.53697	0.209903	0.60574	-1.65087	0.514135	0.778027	-1.2853	3.40361	7.75832	2.02617	1
cg00783159	0.34779	0.750568	-1.33232	0.0170486	0.421769	-2.37097	0.304608	0.729385	-1.37102	0.290359	1.385	1.385	6.77943	9.45908	1.24023	1
cg12225893	0.0383329	0.456647	-2.18988	0.0319071	0.439926	-2.27311	0.349504	0.730137	-1.36961	0.306441	0.707652	-1.41312	4.06661	6.8695	1.50155	1
cg07834492	0.0177579	0.718328	-1.39212	0.0475082	1.29712	1.29712	0.354451	0.896434	-1.11553	0.000142014	0.470889	-2.12364	13.3031	2.77501	0.185421	1
cg01477546	0.0206658	1.41522	1.41522	0.0161757	1.44289	1.44289	0.51389	1.086	1.086	0.0220243	0.710145	-1.40816	6.14059	1.51047	0.21865	1
cg12214471	0.0202443	0.652592	-1.53235	0.150907	0.790835	-1.26449	0.464868	0.892799	-1.12007	0.617122	1.07987	1.07987	6.06525	2.23244	0.327173	1
cg04981508	0.632857	0.953486	-1.04878	0.115939	0.844426	-1.18424	0.0951843	0.834059	-1.19896	0.657115	0.956749	-1.04521	3.70333	0.574466	0.137886	1
cg20672524	0.125596	0.8167	-1.22444	0.0842344	1.26281	1.26281	0.836403	0.975058	-1.02558	0.0706251	0.781303	-1.27991	3.38827	0.800746	0.21007	1
cg13789881	0.480026	0.904772	-1.10525	0.0174908	1.49652	1.49652	0.187536	0.823095	-1.21493	0.111831	0.785563	-1.27297	7.57279	2.33015	0.273511	1
cg06798483	0.397319	0.918334	-1.08893	0.00185594	1.54375	1.54375	0.196993	0.874524	-1.14348	0.0598178	0.811594	-1.23214	12.0808	1.84875	0.136029	1
cg10128511	0.06617	0.246089	-4.06357	0.000678403	0.029197	-34.2501	0.0115643	0.116697	-8.56917	0.0436353	0.206377	-4.8455	6.05165	44.3589	6.5156	1
cg10256839	0.213499	1.16596	1.16596	0.424085	1.10042	1.10042	0.264689	0.872613	-1.14598	0.00116766	0.571964	-1.74836	16.0216	3.48635	0.193425	1
cg19019345	0.164522	0.661014	-1.51283	0.000871893	0.248084	-4.03089	0.088999	1.68808	1.68808	0.0115813	0.414296	-2.41373	8.63787	10.6601	1.09699	1
cg03553640	0.132782	0.795249	-1.25747	0.00180517	1.87169	1.87169	0.756224	0.956967	-1.04497	0.160615	0.809209	-1.23577	5.97088	1.88674	0.280881	1
cg04941127	0.707995	1.06037	1.06037	0.00229216	0.514726	-1.94278	0.131939	1.28829	1.28829	0.326888	1.17079	1.17079	4.95903	1.9062	0.34168	1
cg08740309	0.0564648	0.843226	-1.18592	0.126668	1.13935	1.13935	0.0626701	0.847553	-1.17987	0.0329855	0.821274	-1.21762	4.38462	0.432962	0.087774	1
cg05704960	0.323464	0.872382	-1.14629	0.0345981	0.719025	-1.39077	0.0699661	1.31161	1.31161	0.00931714	1.55518	1.55518	4.07903	1.15789	0.252323	1
cg24972288	0.323337	0.889103	-1.12473	0.641837	1.05546	1.05546	0.778957	0.968096	-1.03295	0.617013	0.943559	-1.05982	3.44079	0.723547	0.18692	1
cg05955334	0.156031	1.51236	1.51236	0.237149	0.71349	-1.40156	0.316723	1.32596	1.32596	0.458853	1.22825	1.22825	4.75126	5.591	1.04599	1
cg26501107	0.469798	0.834002	-1.19904	0.0205122	1.99182	1.99182	0.102151	0.643015	-1.55517	0.151684	0.684438	-1.46105	3.46874	3.34753	0.857829	1
cg06324635	0.372776	1.22829	1.22829	0.00350676	0.410697	-2.43488	0.00759972	2.1629	2.1629	0.0715541	0.636235	-1.57175	10.0947	8.07409	0.710962	1
cg25169706	0.34877	0.772288	-1.29485	0.51871	1.19155	1.19155	0.387009	0.788572	-1.26811	0.0942669	0.61093	-1.63685	7.66383	8.70986	1.01021	1
cg05702978	0.211074	0.797058	-1.25461	0.0208906	1.61371	1.61371	0.242442	1.23441	1.23441	0.114382	1.34395	1.34395	5.99019	2.8114	0.417186	1
cg03705299	0.105651	1.29811	1.29811	0.0127416	1.57908	1.57908	0.677577	0.940149	-1.06366	0.960694	0.992752	-1.0073	5.5832	1.92658	0.306727	1
cg22620356	0.0984583	0.651171	-1.53569	0.0573728	1.66342	1.66342	0.161692	1.42441	1.42441	0.383691	0.809406	-1.23547	5.35021	4.74853	0.788924	1
cg25831522	0.110681	1.20718	1.20718	0.00632261	1.46987	1.46987	0.0978688	1.21739	1.21739	0.0457813	0.780326	-1.28152	4.83834	0.89919	0.165197	1
cg08726522	0.165205	0.444193	-2.25127	0.0062301	0.141616	-7.06134	0.114595	0.390345	-2.56184	0.071528	0.331814	-3.01374	4.65648	22.1623	4.23063	1
cg01902758	0.440222	1.36798	1.36798	0.288094	1.5512	1.5512	0.382922	1.42786	1.42786	0.217244	0.596442	-1.67661	3.85744	9.68091	2.23082	1
cg25080973	0.325791	1.39339	1.39339	0.494069	1.25491	1.25491	0.227577	1.5131	1.5131	0.15795	0.610415	-1.63823	3.5694	6.04384	1.5051	1
cg10575441	0.0245691	2.60064	2.60064	0.0133852	2.98423	2.98423	0.0620246	2.1169	2.1169	0.572375	1.22583	1.22583	3.52783	7.11779	1.79343	1
cg09851241	0.491691	0.966745	-1.0344	1.03E-05	1.57943	1.57943	0.488117	0.966466	-1.0347	0.0943726	0.914803	-1.09313	44.9335	1.66881	0.033013	1
cg26193484	0.0687656	1.3353	1.3353	0.0223536	0.678037	-1.47485	1.31E-07	10.6934	10.6934	0.000290203	2.31397	2.31397	39.9564	12.7519	0.283685	1
cg24050613	0.661201	1.12889	1.12889	0.0267928	0.486173	-2.05688	4.39E-07	50.9096	50.9096	0.0415503	1.90793	1.90793	26.9663	32.2746	1.06387	1
cg16751732	0.838112	0.95808	-1.04375	0.410176	0.83836	-1.19281	9.23E-07	15.147	15.147	0.573023	1.12661	1.12661	21.8275	15.1487	0.616906	1
cg13419791	0.31653	1.70432	1.70432	0.0399637	0.294507	-3.3955	1.10E-05	123.975	123.975	0.168087	2.13051	2.13051	12.1223	50.8983	3.73222	1
cg02263539	0.00561043	0.103405	-9.67075	0.0122206	0.153772	-6.50312	0.000753286	0.0281954	-35.4667	0.0224064	0.203212	-4.92098	14.482	37.0029	2.12924	1
cg10005894	0.0449046	1.29165	1.29165	0.00379582	0.64783	-1.54361	0.397877	1.10103	1.10103	0.143554	1.19094	1.19094	5.36863	1.05108	0.174029	1
cg22593953	0.0377812	0.448924	-2.22755	0.101764	0.551281	-1.81396	0.0515148	2.0894	2.0894	0.0215224	0.399357	-2.50403	7.01523	12.2794	1.5559	1
cg19947439	0.271978	1.40063	1.40063	0.0268063	2.16605	2.16605	0.0203221	2.28006	2.28006	0.215995	1.46764	1.46764	6.56379	9.02507	1.2222	1
cg15287850	0.858871	0.970022	-1.0309	0.00148965	2.18891	2.18891	0.083636	1.38739	1.38739	0.554297	0.902768	-1.1077	4.23182	1.95999	0.411695	1
cg25372568	0.719732	0.902927	-1.10751	0.124335	0.624007	-1.60255	0.000300775	5.29115	5.29115	0.888084	0.96088	-1.04071	5.81689	7.39927	1.1307	1
cg25725843	0.0314691	1.693	1.693	0.0014105	0.381137	-2.62373	4.92E-05	4.91131	4.91131	0.359878	0.821645	-1.21707	12.7114	8.76746	0.613093	1
cg26840082	0.510239	1.16195	1.16195	0.00100524	0.333828	-2.99555	0.2352	1.32258	1.32258	0.268983	0.772046	-1.29526	6.13086	4.90353	0.710944	1
cg14507868	0.271795	0.879118	-1.1375	0.000292118	0.514291	-1.94442	0.46227	0.919176	-1.08793	0.863525	1.01956	1.01956	11.3712	2.28431	0.178565	1
cg08236767	0.141963	1.5274	1.5274	0.911564	1.03025	1.03025	0.00110305	3.63427	3.63427	0.0389048	1.89915	1.89915	4.15035	4.73069	1.01318	1
cg04571163	0.790322	1.03374	1.03374	0.024594	0.716532	-1.39561	0.114043	1.23868	1.23868	0.384884	1.11731	1.11731	4.08391	1.00271	0.218247	1
cg21649258	0.921989	0.97263	-1.02814	0.699031	0.895769	-1.11636	0.82754	0.940056	-1.06377	0.0903593	1.69677	1.69677	3.66672	4.66159	1.13006	1
cg04434339	0.0101236	0.732049	-1.36603	0.261679	0.893566	-1.11911	0.271926	1.11623	1.11623	0.0374677	1.26128	1.26128	5.32704	0.779889	0.130135	1
cg12898019	0.180748	0.469801	-2.12856	0.0107866	0.182223	-5.48779	0.113018	0.399763	-2.50148	0.0128827	0.193703	-5.16254	5.46278	24.4471	3.97798	1
cg00898480	0.0158595	0.166167	-6.01805	0.0095431	0.136139	-7.34544	0.0713582	0.294252	-3.39845	0.0165803	0.169051	-5.91539	5.10827	29.8523	5.1946	1
cg03096803	0.0236228	0.24292	-4.11658	0.00820379	0.170172	-5.87641	0.044298	0.298298	-3.35235	0.0277393	0.256072	-3.90515	4.9834	21.6387	3.85969	1
cg15503752	0.056724	1.43183	1.43183	1.99E-05	0.237386	-4.21254	0.0333876	0.661151	-1.51251	0.00171667	0.474822	-2.10605	25.0926	11.0087	0.389977	1
cg24935631	0.000510331	0.375899	-2.66029	1.10E-06	0.101562	-9.84619	0.432172	0.865446	-1.15547	0.12517	0.741405	-1.34879	27.88	14.3495	0.457501	1
cg22478919	0.974582	0.994125	-1.00591	0.0156757	0.578235	-1.7294	0.0568925	1.48959	1.48959	0.372804	1.18436	1.18436	6.33141	3.42933	0.481456	1
cg24093139	0.260986	0.901137	-1.10971	0.615001	1.04606	1.04606	0.301565	1.09971	1.09971	0.0716279	1.19556	1.19556	3.45015	0.43085	0.111003	1
cg09321082	0.0022721	0.705183	-1.41807	0.00124261	0.679734	-1.47116	0.742066	1.02739	1.02739	0.11352	1.1513	1.1513	11.6137	1.23124	0.0942366	1
cg12702354	0.680343	1.08648	1.08648	0.00399026	0.460805	-2.17011	0.00751442	0.502185	-1.9913	0.271717	0.795272	-1.25743	13.7103	8.70373	0.564295	1
cg26256154	3.95E-05	0.312513	-3.19986	1.04E-05	0.247661	-4.03778	0.920673	0.985375	-1.01484	9.17E-05	0.35579	-2.81065	22.6049	7.83202	0.307977	1
cg10511850	0.30836	0.85706	-1.16678	0.0039876	0.56767	-1.76159	0.00421329	0.570846	-1.75179	0.478128	0.899872	-1.11127	12.1751	4.12699	0.301306	1
cg11348257	0.121421	0.643466	-1.55408	0.00814946	0.410995	-2.43312	0.173165	1.4631	1.4631	0.00350977	0.353613	-2.82795	8.88098	9.69622	0.970486	1
cg10241563	0.164052	0.578774	-1.72779	0.000763286	0.1529	-6.54024	0.163969	0.578704	-1.728	0.00239584	0.210532	-4.74987	8.04075	17.2712	1.90929	1
cg04490113	0.0149793	0.542278	-1.84407	0.876728	1.03227	1.03227	0.809462	1.05067	1.05067	0.282799	0.795857	-1.25651	7.4636	4.94823	0.589316	1
cg17517997	0.219035	0.645313	-1.54963	0.38164	0.737819	-1.35535	0.170499	1.63985	1.63985	0.0296848	0.420098	-2.3804	6.63234	12.0613	1.6165	1
cg09580755	0.124201	1.68875	1.68875	0.710723	1.12441	1.12441	0.639933	1.15986	1.15986	0.00935851	0.354414	-2.82156	6.28613	9.86334	1.39472	1
cg17325792	0.0499201	0.761501	-1.3132	0.134054	0.821284	-1.21761	0.0255676	0.723797	-1.3816	0.0753714	0.785659	-1.27282	5.89083	1.38523	0.209023	1
cg17891928	0.252654	0.862006	-1.16008	0.0104638	1.49256	1.49256	0.994987	0.99922	-1.00078	0.0866828	0.790442	-1.26511	5.83253	1.4267	0.217432	1
cg09867656	0.016342	2.31378	2.31378	0.00205588	3.45858	3.45858	0.00426392	2.98253	2.98253	0.0410449	1.96156	1.96156	5.07804	6.56787	1.14968	1
cg11963676	0.0882165	0.643855	-1.55314	0.0373908	0.568169	-1.76004	0.643239	1.11534	1.11534	0.297034	1.28792	1.28792	4.71123	4.08695	0.771102	1
cg25312440	0.778279	1.09252	1.09252	0.818728	0.930569	-1.07461	0.00845243	2.86916	2.86916	0.120173	0.589528	-1.69627	3.82253	5.94865	1.38329	1
cg24580071	0.399956	0.77581	-1.28898	0.0488997	0.515535	-1.93973	0.0431944	0.503966	-1.98426	0.782554	0.921724	-1.08492	3.81681	5.24687	1.22193	1
cg06211837	0.733935	0.923227	-1.08316	0.0878708	1.55434	1.55434	0.199726	0.728181	-1.37328	0.486064	1.18025	1.18025	48.391	42.0157	0.771783	1
cg12601757	0.0322637	0.80904	-1.23603	0.133076	0.872011	-1.14678	0.668951	0.964301	-1.03702	0.435491	0.93497	-1.06955	8.27957	0.936576	0.10055	1
cg13653989	0.204292	1.23953	1.23953	1.67E-05	0.242169	-4.12934	0.134801	1.2949	1.2949	2.76E-05	0.266069	-3.75843	35.016	14.2497	0.361731	1
cg13886636	0.046289	0.88668	-1.1278	8.65E-05	0.689964	-1.44935	0.444281	0.959746	-1.04194	0.000807484	0.766219	-1.30511	13.0739	0.574685	0.0390727	1
cg14081251	0.196466	0.690837	-1.44752	0.281478	0.738513	-1.35407	0.520126	0.838157	-1.19309	0.221075	0.705854	-1.41672	4.31341	5.00979	1.0324	1
cg04416752	0.0488343	0.731091	-1.36782	0.00503467	0.596597	-1.67617	0.581995	0.925516	-1.08048	0.107976	0.783349	-1.27657	3.71019	1.13901	0.272884	1
cg13944939	0.0112948	0.617434	-1.61961	0.559681	1.09378	1.09378	0.265167	0.838223	-1.193	0.139561	1.2733	1.2733	7.45382	2.72632	0.325121	1
cg04444465	0.55741	0.942921	-1.06053	0.0134233	0.738422	-1.35424	0.0513403	0.802712	-1.24578	0.175898	1.15321	1.15321	6.04211	0.938869	0.138122	1
cg13846507	0.445553	0.914144	-1.09392	0.000725579	0.552472	-1.81005	0.580218	1.06661	1.06661	0.912281	0.98736	-1.0128	5.31035	1.12075	0.1876	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21604970	ST6GALNAC5	0.000141493	0.000313512	0.320629	-3.11887	0.134767	0.730578	-1.36878	0.0104353	0.533789	-1.8734	0.000517239	0.348357	-2.87062	5.17E-05	0.228901	-4.36871	0.801811	0.952214	-1.05018	5.01E-05	0.22739	-4.39773	0.0290761	1.65005	1.65005	0.0039882	0.470718	-2.12442	20.1717	12.1095	0.533619	1
cg25272065	ST6GALNAC5	0.000499653	0.216788	1.32058	1.32058	0.522053	0.870373	-1.14893	0.366907	1.21936	1.21936	0.00400216	2.28776	2.28776	0.775001	1.06324	1.06324	0.147292	1.39477	1.39477	1.19E-05	0.137741	-7.26	0.384569	1.21016	1.21016	0.215373	1.32183	1.32183	14.2933	10.3636	0.644506	1
cg13823136	ST6GALNAC5	0.00132356	0.000210921	0.213767	-4.67799	0.0125184	2.16756	2.16756	0.323091	1.2894	1.2894	0.943561	0.982522	-1.01779	0.0628602	0.593811	-1.68404	0.000355004	0.239754	-4.17094	0.0756509	0.611127	-1.63632	0.286797	0.759227	-1.31713	0.720657	1.09354	1.09354	10.863	10.6701	0.873101	1
cg08431563	ST6GALNAC5	0.0023043	0.736604	0.971228	-1.02962	0.365037	1.08382	1.08382	0.329735	1.09088	1.09088	0.0489386	0.823297	-1.21463	0.603674	1.04633	1.04633	0.545222	1.05437	1.05437	4.65E-05	0.514465	-1.94377	0.369292	0.923358	-1.083	0.0548226	1.20725	1.20725	9.25093	1.09572	0.105284	1
cg03761543	ST6GALNAC5	0.00609535	0.554096	0.914241	-1.0938	0.00321348	0.547456	-1.82663	0.000279867	0.410559	-2.43571	0.111709	0.771418	-1.29631	0.500584	0.902641	-1.10786	0.90149	0.981619	-1.01873	0.059122	1.37611	1.37611	0.296533	0.850307	-1.17605	0.352788	0.866539	-1.15402	6.90545	2.45483	0.315992	1
cg00294096	ST6GALNAC5	0.00679836	0.567945	0.930513	-1.07468	0.000110235	2.33763	2.33763	0.43878	1.10355	1.10355	0.39754	0.897552	-1.11414	0.382024	0.894168	-1.11836	0.945909	0.99157	-1.0085	0.414912	0.901244	-1.10958	0.80807	1.03083	1.03083	0.0880463	1.26475	1.26475	6.67562	1.64591	0.21916	1
cg20417424	ST6GALNAC5	0.013297	0.0225156	0.171313	-5.83728	0.00121456	0.0469954	-21.2787	0.0824446	0.288816	-3.46242	0.223269	0.437721	-2.28456	0.01261	0.134994	-7.40775	0.0214044	0.167823	-5.95867	0.0118422	0.131503	-7.6044	0.0163145	0.150177	-6.65881	0.12286	0.33984	-2.94256	5.39019	35.5845	5.86819	1
cg02639927	ST6GALNAC5	0.0137872	0.0271901	1.5332	1.5332	0.130766	0.765869	-1.30571	0.231717	0.814607	-1.22759	0.254691	0.823317	-1.2146	0.878133	0.975229	-1.0254	0.00313319	1.93536	1.93536	0.0299756	0.658764	-1.51799	0.22354	1.23251	1.23251	0.0697023	1.3932	1.3932	5.32662	2.25437	0.376202	1
cg16966815	ST6GALNAC5	0.0180903	0.0447866	1.55846	1.55846	0.0054342	0.494301	-2.02306	0.576121	0.896912	-1.11494	0.679429	1.08333	1.08333	0.0378609	0.628886	-1.59011	0.450186	0.862249	-1.15976	0.00853869	0.523923	-1.90868	0.950118	1.01212	1.01212	0.143082	1.35412	1.35412	4.86692	2.86005	0.522356	1
cg19369529	ST6GALNAC5	0.0276994	0.564522	0.859741	-1.16314	0.00991375	0.42943	-2.32867	0.0294207	0.514004	-1.94551	0.546604	1.17151	1.17151	0.00644519	0.398821	-2.50739	0.997888	1.00069	1.00069	0.690016	0.901207	-1.10962	0.129518	1.52956	1.52956	0.0603348	0.577157	-1.73263	4.20372	4.48221	0.947775	1
cg21297282	ST6GALNAC5	0.0356638	0.0296191	0.670372	-1.49171	0.542186	0.90814	-1.10115	0.37297	0.866894	-1.15354	0.795575	1.04138	1.04138	0.584664	1.09003	1.09003	0.012983	1.61844	1.61844	0.195916	1.23811	1.23811	0.0483225	1.42243	1.42243	0.0556596	0.712727	-1.40306	3.84089	1.48367	0.343363	1
cg04077662	ST6GALNAC5;ST6GALNAC5	0.00344966	0.000432073	0.276815	-3.61253	0.532231	1.14501	1.14501	0.952586	0.987378	-1.01278	0.17911	1.36033	1.36033	0.0152727	0.518089	-1.93017	0.516798	0.868741	-1.15109	0.000511599	0.286825	-3.48644	0.505325	0.86527	-1.15571	0.0714454	0.64562	-1.5489	9.62974	6.81328	0.550297	1
cg14202783	ST6GALNAC6	4.58E-05	3.89E-05	0.0549875	-18.1859	0.00687188	3.62779	3.62779	0.103421	1.92664	1.92664	0.272637	1.52256	1.52256	7.84E-06	0.0271345	-36.8534	0.163768	0.578601	-1.72831	7.64E-05	0.0713921	-14.0071	0.458336	1.32054	1.32054	0.287165	0.665701	-1.50217	27.2508	58.508	1.90846	1
cg19509891	ST6GALNAC6	0.000420559	0.00829028	0.771994	-1.29535	0.844271	0.985035	-1.01519	0.894208	1.01025	1.01025	0.295657	0.920218	-1.0867	0.45539	1.06002	1.06002	0.00012248	0.59812	-1.67191	0.0011451	0.693105	-1.44278	?	?	?	0.000559045	1.50734	1.50734	15.3593	1.27102	0.0827523	1
cg09745873	ST6GALNAC6	0.00085095	0.40444	0.908074	-1.10123	0.894043	0.98505	-1.01518	0.124312	0.828522	-1.20697	2.04E-05	0.377908	-2.64614	0.152026	0.840752	-1.18941	0.659573	1.05139	1.05139	0.00251265	1.607	1.607	0.433699	0.913656	-1.0945	0.650062	0.949683	-1.05298	12.316	2.49231	0.179879	1
cg14219677	ST6GALNAC6	0.00543175	0.810411	0.966139	-1.03505	0.00153135	1.92255	1.92255	0.0849866	1.3139	1.3139	0.979026	1.00378	1.00378	0.818637	1.03347	1.03347	0.0102507	1.59015	1.59015	0.00858717	1.61683	1.61683	0.115829	0.782711	-1.27761	0.0142479	0.648353	-1.54237	7.15492	2.32806	0.289226	1
cg14533412	ST6GALNAC6	0.0114751	0.00208443	0.262733	-3.80615	0.0291329	0.452354	-2.21066	0.0207976	0.42377	-2.35977	0.86786	0.94992	-1.05272	0.00187862	0.25662	-3.89681	0.800291	1.08135	1.08135	0.633473	0.86224	-1.15977	0.0223503	0.429746	-2.32696	0.509909	0.813634	-1.22905	5.65481	8.52582	1.34019	1
cg05517711	ST6GALNAC6	0.0272057	0.122602	0.583332	-1.71429	0.732302	0.895278	-1.11697	0.0121069	0.365043	-2.7394	0.140983	0.600429	-1.66548	0.00114826	0.214446	-4.66318	0.132648	0.592889	-1.68666	0.0303884	0.440499	-2.27016	0.643136	0.860436	-1.1622	0.577039	0.834002	-1.19904	4.23038	6.95418	1.46122	1
cg06659937	ST7;ST7	0.0100241	0.788116	0.930211	-1.07503	0.035328	0.517775	-1.93134	0.00281465	0.331139	-3.01988	0.00477787	2.7345	2.7345	0.313394	0.755764	-1.32316	0.145365	1.52183	1.52183	0.233442	0.714975	-1.39865	0.214236	1.42074	1.42074	0.188696	0.687971	-1.45355	5.90606	6.74652	1.01538	1
cg21921829	ST7;ST7	0.0326859	0.381637	0.721624	-1.38576	0.0122598	0.32163	-3.10916	0.226574	1.58667	1.58667	0.479011	1.29909	1.29909	0.126196	1.825	1.825	0.458836	1.31554	1.31554	0.00651229	3.61687	3.61687	0.546816	1.2482	1.2482	0.196364	0.608532	-1.6433	3.96364	8.29879	1.86109	1
cg25605754	ST7;ST7;ST7OT1;ST7OT4	0.000143184	0.000654074	0.124024	-8.06298	0.000763513	0.130354	-7.6714	5.45E-05	0.049589	-20.1658	0.00922152	0.266957	-3.74591	0.00051232	0.114473	-8.73565	0.000520849	0.115102	-8.68794	8.61E-05	0.059795	-16.7238	0.000143347	0.0729046	-13.7166	0.00164081	0.165043	-6.05901	20.1073	50.8433	2.24765	1
cg13051197	ST7;ST7;ST7OT4	0.000841958	0.395475	0.88638	-1.12818	0.581085	0.925666	-1.0803	0.355859	0.876672	-1.14068	0.550872	1.08723	1.08723	0.00394059	0.584183	-1.71179	0.376316	0.881766	-1.13409	1.38E-05	0.284153	-3.51923	0.0979573	0.777559	-1.28608	0.00362422	0.57948	-1.72568	12.3529	3.75792	0.270411	1
cg26474620	ST7;ST7;ST7OT4;ST7OT1	0.00155867	?	?	?	0.0900479	0.545601	-1.83284	0.0352372	0.448225	-2.23102	0.080385	1.87684	1.87684	?	?	?	0.0941136	0.550666	-1.81598	0.0787016	0.530462	-1.88515	5.54E-05	0.0696538	-14.3567	0.243627	0.675449	-1.4805	13.0385	16.0399	1.2302	1
cg11119235	ST7;ST7;ST7OT4;ST7OT1;ST7;ST7	0.0217136	0.362893	0.871575	-1.14735	0.0198794	1.51166	1.51166	0.00279952	1.83211	1.83211	0.868248	0.975892	-1.0247	0.224579	0.829022	-1.20624	0.793416	0.962158	-1.03933	0.0413205	0.707561	-1.4133	0.360051	0.870824	-1.14834	0.29996	1.17103	1.17103	4.57444	1.56529	0.304162	1
cg25392545	ST7;ST7OT3;ST7	0.00366885	0.0136994	0.372892	-2.68174	0.911651	1.03657	1.03657	0.00243731	0.255343	-3.91631	0.0796897	0.532915	-1.87647	0.00116855	0.21391	-4.67487	0.00381593	0.282984	-3.53377	0.027076	0.428765	-2.33228	0.847179	1.06443	1.06443	0.00195912	0.24254	-4.12303	8.05922	13.3667	1.47428	1
cg25968876	ST7;ST7OT4;ST7OT1;ST7	0.0124305	0.549461	1.09214	1.09214	0.00874678	1.62594	1.62594	0.0084114	1.63204	1.63204	0.339079	0.866401	-1.1542	0.341528	1.15331	1.15331	0.500665	0.905305	-1.1046	0.00522875	0.584981	-1.70946	0.109573	0.775777	-1.28903	0.747106	0.954005	-1.04821	5.51003	1.84839	0.298185	1
cg24434368	ST7;ST7OT4;ST7OT1;ST7	0.0137783	0.000676362	0.178938	-5.58853	0.718323	1.12743	1.12743	0.410791	0.75692	-1.32114	0.194525	0.634814	-1.57527	0.0059202	0.303608	-3.29372	0.575253	1.20618	1.20618	0.527131	1.23635	1.23635	0.427844	1.3074	1.3074	0.661531	1.15705	1.15705	5.32774	9.25134	1.54351	1
cg08250273	ST7;ST7OT4;ST7OT1;ST7	0.0294421	0.0815101	0.743557	-1.34489	0.048539	1.41316	1.41316	0.03694	1.45044	1.45044	0.377981	0.870384	-1.14892	0.950209	0.990462	-1.00963	0.056159	0.717535	-1.39366	0.190416	0.808321	-1.23713	0.149103	1.26799	1.26799	0.0247594	1.50713	1.50713	4.11413	1.53459	0.331559	1
cg01183669	ST7L;ST7L;CAPZA1;ST7L;ST7L;CAPZA1	0.0155711	0.0411693	0.760573	-1.3148	0.0079906	1.48432	1.48432	0.0839705	1.24876	1.24876	0.991303	1.00127	1.00127	0.160682	0.840224	-1.19016	0.0589773	0.780557	-1.28114	0.0116924	0.693492	-1.44198	0.408252	1.10326	1.10326	0.34191	1.12049	1.12049	5.11697	1.09382	0.190012	1
cg10111629	ST7L;ST7L;ST7L	0.00482391	0.555494	0.850964	-1.17514	0.260551	0.727897	-1.37382	0.0721338	0.580875	-1.72154	0.042531	1.88155	1.88155	0.000405355	0.218421	-4.57832	0.0504399	1.82838	1.82838	0.642708	0.881227	-1.13478	0.0187066	2.16245	2.16245	0.334261	0.763744	-1.30934	7.41927	8.60695	1.03118	1
cg06157285	ST7L;ST7L;ST7L;CAPZA1;ST7L;ST7L;ST7L;ST7L;ST7L	0.0345129	0.118233	1.15773	1.15773	0.462818	1.06666	1.06666	0.035334	1.23568	1.23568	0.0938998	0.852948	-1.1724	0.957069	1.00466	1.00466	0.0530127	0.827075	-1.20908	0.0177535	1.28265	1.28265	0.111399	1.16152	1.16152	0.0838899	1.17959	1.17959	3.88678	0.458994	0.10497	1
ch.1.2648414R	ST7L;ST7L;ST7L;ST7L	0.0377652	0.995608	1.00324	1.00324	0.206841	2.18594	2.18594	0.170879	2.35509	2.35509	0.022471	0.200692	-4.98277	0.178079	0.431445	-2.31779	0.274239	1.95094	1.95094	0.00421197	0.105262	-9.50011	0.606299	0.73684	-1.35715	0.860614	1.10876	1.10876	3.76165	20.5586	4.85806	1
cg26619790	ST7OT2;ST7;ST7	0.0450715	0.050891	0.642463	-1.55651	0.0698431	0.668119	-1.49674	0.943879	0.986093	-1.0141	0.153212	0.737666	-1.35563	0.890303	0.972921	-1.02783	0.386208	1.19328	1.19328	0.0148039	1.8158	1.8158	0.0954664	1.4396	1.4396	0.145541	0.732794	-1.36464	3.52343	2.20837	0.557127	1
cg05937182	ST7OT4;ST7OT1;ST7;ST7	0.00108959	0.818174	0.965899	-1.03531	0.00177975	1.9547	1.9547	0.000601463	2.21971	2.21971	0.627578	1.07644	1.07644	0.258091	0.837105	-1.19459	0.556564	1.09373	1.09373	0.000729789	0.461274	-2.16791	0.163997	0.799502	-1.25078	0.00896274	1.65007	1.65007	11.4833	4.12883	0.3196	1
cg08625416	ST7OT4;ST7OT1;ST7;ST7	0.00716149	0.0498676	1.30957	1.30957	0.106565	0.80858	-1.23674	0.36723	0.894325	-1.11816	0.537514	1.07818	1.07818	0.632307	0.94353	-1.05985	0.551475	0.929926	-1.07535	0.000274961	2.05108	2.05108	0.0190778	1.40791	1.40791	0.936909	1.00959	1.00959	6.5682	1.51243	0.20468	1
cg24112692	ST8SIA1	0.00293137	0.00149917	0.147626	-6.77387	0.0138971	0.280696	-3.56257	0.00323894	0.186607	-5.35887	0.296978	0.636342	-1.57148	0.00421177	0.20147	-4.96352	0.0785573	0.441844	-2.26324	0.000888705	0.124769	-8.01483	0.1504	1.90487	1.90487	0.0554601	0.403556	-2.47797	8.61712	23.8501	2.46023	1
cg25490551	ST8SIA1	0.00986916	0.00271842	0.143162	-6.98507	0.797992	0.886552	-1.12797	0.300146	0.60405	-1.65549	0.806614	0.891234	-1.12204	0.00125101	0.109381	-9.14234	0.238077	0.559783	-1.78641	0.0201183	0.26813	-3.72954	0.0778501	2.50926	2.50926	0.168299	0.501933	-1.9923	5.93556	20.7212	3.10313	1
cg26277026	ST8SIA1	0.0121142	0.0363135	0.0511429	-19.5531	0.234024	0.217826	-4.59083	0.717127	0.641159	-1.55967	0.409609	0.356938	-2.80161	0.00145179	0.00362459	-275.894	0.312444	0.279028	-3.58387	0.000920599	0.00236216	-423.341	0.057764	0.0727392	-13.7478	0.0733407	0.0872205	-11.4652	5.55639	131.328	21.0093	1
cg00757212	ST8SIA1	0.0468792	0.254168	0.87743	-1.13969	0.0116071	1.4141	1.4141	0.0419688	1.29354	1.29354	0.400275	1.09917	1.09917	0.345516	1.11259	1.11259	0.186901	0.85759	-1.16606	0.439563	1.09043	1.09043	0.402317	1.0987	1.0987	0.0128619	1.40384	1.40384	3.47178	0.663083	0.169771	1
cg21521683	ST8SIA1	?	?	?	?	?	?	?	?	?	?	?	1.39955	1.39955	?	?	?	?	?	?	?	0.623289	-1.60439	?	?	?	?	?	?	?	0.687402	1.42E-14	1
cg09354309	ST8SIA1;ST8SIA1	0.00379096	0.000180357	0.602492	-1.65977	0.4695	0.942877	-1.06058	0.476274	1.0596	1.0596	0.475049	0.943591	-1.05978	0.024688	0.807509	-1.23838	0.845254	0.984502	-1.01574	0.11591	1.14636	1.14636	0.0386587	0.825779	-1.21098	0.0283484	1.22984	1.22984	7.98038	0.807553	0.0899487	1
cg15573040	ST8SIA2	3.26E-05	0.0959629	0.746709	-1.33921	0.39215	1.15033	1.15033	1.78E-06	6.71102	6.71102	0.000598861	2.3303	2.3303	0.000610062	0.430169	-2.32467	0.00408384	1.85087	1.85087	0.0518634	1.42394	1.42394	0.000290099	2.57078	2.57078	0.0370319	1.47234	1.47234	29.8074	12.0479	0.359283	1
cg02369052	ST8SIA2	4.86E-05	0.684385	0.908266	-1.101	0.112699	0.665962	-1.50159	2.61E-05	0.140897	-7.09738	0.769888	0.933271	-1.0715	0.511915	0.855035	-1.16954	0.535818	0.862761	-1.15907	1.06E-06	0.0496068	-20.1585	0.931086	1.02057	1.02057	0.00695826	0.439531	-2.27515	26.8232	23.5484	0.780365	1
cg09389826	ST8SIA2	9.57E-05	0.321205	1.14825	1.14825	0.119283	1.25612	1.25612	8.89E-06	0.272755	-3.66629	0.0387021	0.724021	-1.38118	0.203752	0.834491	-1.19834	0.0304785	0.709638	-1.40917	1.53E-05	0.298778	-3.34697	0.744862	1.04503	1.04503	0.151752	1.23016	1.23016	22.405	6.45604	0.256135	1
cg24126784	ST8SIA2	0.000242378	0.979106	0.996977	-1.00303	0.00156162	1.69139	1.69139	1.09E-05	0.33851	-2.95413	0.69345	0.95523	-1.04687	0.107902	0.816427	-1.22485	0.797556	0.970719	-1.03016	0.0023945	0.613113	-1.63102	0.900416	0.98563	-1.01458	0.00292413	0.623346	-1.60425	17.4364	3.69132	0.188179	1
cg08152839	ST8SIA2	0.00322498	0.798895	0.92972	-1.07559	0.00906997	2.67402	2.67402	0.079209	1.75981	1.75981	0.5921	1.16713	1.16713	0.0824504	0.572511	-1.74669	0.432901	0.795273	-1.25743	0.000127042	0.123611	-8.0899	0.529258	0.83341	-1.19989	0.893831	1.03884	1.03884	9.84511	12.4281	0.98184	1
cg03146103	ST8SIA2	0.00622289	0.672522	0.874178	-1.14393	0.0365213	2.15685	2.15685	0.000181808	0.134991	-7.40791	0.811459	1.07851	1.07851	0.97207	0.988987	-1.01114	0.373611	1.33493	1.33493	0.0348274	0.459325	-2.17711	0.803527	1.08203	1.08203	0.245204	0.680819	-1.46882	6.86137	10.871	1.40834	1
cg22603275	ST8SIA2	0.00632441	0.281365	0.730903	-1.36817	0.00322174	0.324519	-3.08148	0.0568403	1.82849	1.82849	0.299655	1.35114	1.35114	0.00736882	0.380264	-2.62975	0.151687	0.650475	-1.53734	0.015466	0.43529	-2.29732	0.016993	2.25904	2.25904	0.63572	0.874939	-1.14294	6.82709	8.47617	1.1036	1
cg05536286	ST8SIA2	0.00689835	0.431092	0.709983	-1.40848	0.106012	0.471193	-2.12227	0.00493811	0.204556	-4.88863	0.257982	0.604645	-1.65386	0.00959615	0.247174	-4.04573	0.325096	0.648489	-1.54205	0.000208516	0.0709978	-14.085	0.88364	0.939487	-1.06441	0.759717	0.877432	-1.13969	6.64535	19.1206	2.5576	1
cg08415838	ST8SIA2	0.0107197	0.950432	1.01058	1.01058	0.229253	1.23821	1.23821	0.184938	1.26885	1.26885	0.0678149	0.707205	-1.41402	0.244082	0.813516	-1.22923	0.419714	1.14984	1.14984	0.000265541	0.362697	-2.75712	0.946037	1.01153	1.01153	0.936827	0.986665	-1.01351	5.78034	2.62564	0.403766	1
cg08289525	ST8SIA2	0.035397	0.519028	1.32386	1.32386	0.0337009	2.89922	2.89922	0.682289	0.838085	-1.1932	0.39213	1.45683	1.45683	0.00674816	0.221517	-4.51432	0.108738	2.11863	2.11863	0.248726	0.596042	-1.67774	0.0453818	2.67792	2.67792	0.550399	1.29602	1.29602	3.85137	11.2347	2.59296	1
cg07621075	ST8SIA2;ST8SIA2	0.0454405	0.123344	1.30421	1.30421	0.571969	1.09513	1.09513	0.785903	1.04428	1.04428	0.155495	0.785179	-1.27359	0.347563	1.16637	1.16637	0.0111711	1.65867	1.65867	0.0213259	0.643866	-1.55312	0.0859939	1.35242	1.35242	0.765213	1.04881	1.04881	3.51268	1.40862	0.356453	1
cg03031613	ST8SIA3	4.71E-06	0.192297	0.811559	-1.2322	0.0157839	0.639235	-1.56437	7.45E-06	0.224865	-4.44711	0.0925159	0.755708	-1.32326	0.0001874	0.385317	-2.59527	0.364081	0.868392	-1.15155	7.16E-08	0.0652524	-15.3251	0.00429497	0.561138	-1.78209	0.00192053	0.514527	-1.94353	49.2772	17.8645	0.32225	1
cg21518865	ST8SIA3	4.02E-05	0.237166	0.767629	-1.30271	0.00300947	0.41954	-2.38356	0.000376124	0.297023	-3.36675	0.951578	0.987116	-1.01305	0.00632156	0.468001	-2.13675	0.00379148	0.434338	-2.30235	5.33E-07	0.050949	-19.6275	0.113791	0.692539	-1.44396	0.00102313	0.353607	-2.828	28.2066	20.3693	0.641908	1
cg06830348	ST8SIA3	0.000141351	0.00153318	0.277678	-3.60129	0.206091	1.4547	1.4547	0.00388884	0.335367	-2.98181	0.00768509	0.381893	-2.61853	0.00189511	0.290247	-3.44534	0.340689	0.758866	-1.31776	3.23E-06	0.0451871	-22.1302	0.887284	0.960928	-1.04066	0.00332322	0.325164	-3.07537	20.1771	25.2362	1.11176	1
cg00016439	ST8SIA3	0.00456812	0.49565	1.24223	1.24223	0.0596945	0.513643	-1.94688	0.0120395	0.37463	-2.6693	0.919501	0.968804	-1.0322	0.046595	2.0431	2.0431	0.503285	1.23734	1.23734	0.000192269	0.139612	-7.16272	0.510835	1.23257	1.23257	0.382995	0.75542	-1.32377	7.54324	11.7432	1.38381	1
cg22070406	ST8SIA3	0.0136082	0.895599	1.00943	1.00943	0.0195541	1.22343	1.22343	0.608103	1.03766	1.03766	0.0184101	1.22677	1.22677	0.0130548	1.24617	1.24617	0.970789	1.00262	1.00262	0.0425833	0.846317	-1.18159	0.0110334	0.796245	-1.2559	0.941003	0.994724	-1.0053	5.3495	0.432743	0.0719059	1
cg05826255	ST8SIA3	0.0139359	0.0156808	0.486876	-2.05391	0.793724	1.06575	1.06575	0.977794	0.993259	-1.00679	0.01712	0.493539	-2.02618	0.00719692	0.430416	-2.32333	0.0488476	1.72746	1.72746	0.295324	0.768184	-1.30177	0.00903785	0.446465	-2.23982	0.620955	1.12877	1.12877	5.30789	4.96419	0.83133	1
cg01836567	ST8SIA3	0.0210269	0.112835	1.90015	1.90015	0.657091	1.18079	1.18079	0.146107	0.559712	-1.78663	0.279902	1.51861	1.51861	0.241171	0.63359	-1.57831	0.637986	0.838389	-1.19276	0.000888213	0.156931	-6.37224	0.0539005	0.443098	-2.25684	0.666048	0.850868	-1.17527	4.62501	10.1334	1.94757	1
cg16902385	ST8SIA3	0.0289829	0.00069476	0.137923	-7.25045	0.174064	1.73943	1.73943	0.512792	1.2893	1.2893	0.904412	0.955051	-1.04706	0.672866	0.849956	-1.17653	0.27535	1.54408	1.54408	0.642247	1.19614	1.19614	0.663643	0.845768	-1.18236	0.508425	1.29281	1.29281	4.13709	9.60207	2.06309	1
cg04017533	ST8SIA3	0.0475439	0.0538337	0.789547	-1.26655	0.0122155	0.713907	-1.40074	0.105622	0.82629	-1.21023	0.200667	1.15707	1.15707	0.87486	0.983132	-1.01716	0.0194899	0.737284	-1.35633	0.199282	0.86382	-1.15765	0.534961	1.07017	1.07017	0.42095	1.0928	1.0928	3.4534	0.637216	0.164016	1
cg00096106	ST8SIA4	0.00112303	0.000241631	0.191253	-5.22866	0.951998	0.983736	-1.01653	0.0904486	0.601601	-1.66223	0.046872	0.538085	-1.85844	0.000237122	0.190375	-5.25278	0.913333	1.0301	1.0301	0.344465	1.30376	1.30376	0.0133313	2.30507	2.30507	0.0435077	0.531349	-1.882	11.3849	13.3786	1.04455	1
cg25668236	ST8SIA4;ST8SIA4	0.000332487	0.0202898	1.19281	1.19281	0.0122465	1.21727	1.21727	0.500973	0.957876	-1.04398	0.00116882	1.3502	1.3502	0.729577	0.978373	-1.02211	0.00103491	1.35822	1.35822	0.000317754	0.692552	-1.44393	0.0411981	0.862087	-1.15998	0.000890533	1.36832	1.36832	15.9931	1.00552	0.0558864	1
cg22463117	ST8SIA4;ST8SIA4	0.000719845	0.0508601	0.691869	-1.44536	0.000313026	0.379957	-2.63188	0.00799563	0.569563	-1.75573	0.0690855	0.714032	-1.4005	0.684514	1.06998	1.06998	0.135173	0.765916	-1.30563	0.000607929	2.39862	2.39862	0.00663513	1.7922	1.7922	0.234387	1.22926	1.22926	12.9094	5.60642	0.386037	1
cg27367469	ST8SIA4;ST8SIA4	0.00251262	0.441192	1.12886	1.12886	0.00546201	1.75766	1.75766	0.824496	1.03487	1.03487	0.307397	0.849539	-1.17711	0.860624	1.02749	1.02749	0.90492	1.01861	1.01861	0.0001004	0.344936	-2.89909	0.818606	1.03609	1.03609	0.0222694	0.655218	-1.52621	9.01866	3.40186	0.335291	1
cg26872028	ST8SIA4;ST8SIA4	0.00705637	0.0615853	2.57799	2.57799	0.00413765	5.63616	5.63616	0.0481606	2.76131	2.76131	0.314213	1.59698	1.59698	0.129599	2.08858	2.08858	0.0143685	3.88554	3.88554	0.000819242	9.66174	9.66174	0.00276409	6.40268	6.40268	0.0213757	3.46859	3.46859	6.59859	21.14	2.84774	1
cg18066271	ST8SIA4;ST8SIA4	0.0122241	0.794304	1.05358	1.05358	0.97955	1.00513	1.00513	0.00341313	2.21398	2.21398	0.112088	0.707801	-1.41283	0.996083	0.99902	-1.00098	0.0794678	0.677836	-1.47528	0.00342714	0.451934	-2.21271	0.0870858	0.685644	-1.45848	0.312509	1.23206	1.23206	5.54012	3.50099	0.56172	1
cg21930136	ST8SIA4;ST8SIA4	0.0179257	?	?	?	0.00950412	6.14636	6.14636	0.029178	4.13928	4.13928	0.742791	0.833598	-1.19962	0.435957	0.6445	-1.55159	0.0243783	0.227019	-4.40492	0.021513	0.217362	-4.60062	0.376875	0.605815	-1.65067	0.994844	1.00358	1.00358	4.97216	21.3829	4.30053	1
cg02318139	ST8SIA4;ST8SIA4	0.0186782	0.10673	2.69841	2.69841	0.00322768	9.62945	9.62945	0.0748367	3.05984	3.05984	0.377762	1.66545	1.66545	0.371607	1.6771	1.6771	0.14355	2.42509	2.42509	0.00305526	9.84237	9.84237	0.00626078	7.44729	7.44729	0.0634648	3.2422	3.2422	4.81476	24.2253	4.47241	1
cg22965432	ST8SIA4;ST8SIA4	0.0241822	0.276781	1.83382	1.83382	0.00212294	10.1264	10.1264	0.0338887	3.77251	3.77251	0.229975	1.9644	1.9644	0.421467	1.55306	1.55306	0.0926334	2.6967	2.6967	0.0107677	5.57091	5.57091	0.0105583	5.60921	5.60921	0.071453	2.94217	2.94217	4.40783	20.0617	4.04567	1
cg07265700	ST8SIA4;ST8SIA4	0.0309885	0.0157712	1.75082	1.75082	0.449238	0.864162	-1.15719	0.253011	1.25363	1.25363	0.220099	1.27649	1.27649	0.00815596	0.526715	-1.89856	0.304568	0.817662	-1.223	0.0589634	1.49747	1.49747	0.738262	0.938479	-1.06555	0.220559	1.27615	1.27615	4.03996	2.29364	0.504656	1
cg12665504	ST8SIA4;ST8SIA4	0.034147	0.173755	0.786673	-1.27118	0.00123346	2.18861	2.18861	0.0776794	0.722444	-1.38419	0.597935	0.915544	-1.09225	0.805018	1.04186	1.04186	0.760889	1.05191	1.05191	0.917603	1.01731	1.01731	0.454772	0.881408	-1.13455	0.481438	1.12596	1.12596	3.90176	1.6987	0.386993	1
cg19088984	ST8SIA4;ST8SIA4	0.0376497	0.00788501	1.97885	1.97885	0.689224	0.922658	-1.08382	0.45213	1.16578	1.16578	0.869876	1.03337	1.03337	0.6782	0.919843	-1.08714	0.770553	1.06031	1.06031	0.145509	0.731273	-1.36748	0.0335049	1.64441	1.64441	0.00908581	1.94216	1.94216	3.76586	2.39155	0.564498	1
cg18091435	ST8SIA4;ST8SIA4	0.0499858	0.808795	0.96514	-1.03612	0.0164204	0.651026	-1.53604	0.0192249	0.660636	-1.51369	0.884363	1.02153	1.02153	0.107951	1.29268	1.29268	0.887439	1.02095	1.02095	0.0443341	0.713152	-1.40223	0.289051	0.851226	-1.17478	0.0615412	0.734734	-1.36104	3.3885	1.14965	0.301582	1
cg04380513	ST8SIA4;ST8SIA4;ST8SIA4	0.0175848	0.349876	0.745743	-1.34094	0.187999	1.5301	1.5301	0.00984872	2.70349	2.70349	0.449034	0.790413	-1.26516	0.0435473	2.02907	2.02907	0.00297133	0.288542	-3.4657	0.860168	1.05523	1.05523	0.63003	0.862456	-1.15948	0.330711	0.736392	-1.35797	4.91349	7.23321	1.30854	1
cg03975797	ST8SIA4;ST8SIA4;ST8SIA4	0.022246	0.423759	1.08228	1.08228	0.608288	1.0513	1.0513	0.00331672	0.679075	-1.47259	0.890837	0.986798	-1.01338	0.0339224	1.27079	1.27079	0.00918981	1.37726	1.37726	0.254262	1.12211	1.12211	0.863908	1.01674	1.01674	0.869583	0.984223	-1.01603	4.53659	0.672949	0.131856	1
cg15049968	ST8SIA5	0.000267098	0.582916	1.15868	1.15868	0.102241	1.60793	1.60793	0.234515	1.39229	1.39229	0.970519	0.990233	-1.00986	3.98E-06	0.0580327	-17.2317	0.164725	1.48238	1.48238	0.948019	0.982834	-1.01747	0.122132	1.56044	1.56044	0.0609697	1.75218	1.75218	16.9808	18.9688	0.992951	1
cg06352249	ST8SIA5	0.0013285	0.001025	0.613037	-1.63122	0.377525	0.912983	-1.09531	0.0131782	0.734188	-1.36205	0.0864147	0.826593	-1.20979	0.00243097	0.654213	-1.52856	0.00570762	0.694594	-1.43969	0.00190249	1.55626	1.55626	0.0111899	0.726428	-1.3766	0.579463	1.05789	1.05789	10.8515	1.73726	0.142306	1
cg16006724	ST8SIA5	0.0165651	0.765197	0.892558	-1.12038	0.00539819	4.01429	4.01429	0.932916	1.03246	1.03246	0.9306	1.03361	1.03361	0.131489	0.539081	-1.85501	0.0972205	1.99514	1.99514	0.00721084	0.26821	-3.72842	0.0249772	2.75183	2.75183	0.74104	1.13412	1.13412	5.0127	11.4331	2.0274	1
cg26155939	ST8SIA5	0.0293521	0.00385502	0.348705	-2.86775	0.123124	0.636403	-1.57133	0.677613	0.89305	-1.11976	0.547875	0.84829	-1.17884	0.0037652	0.34716	-2.88052	0.22931	1.40679	1.40679	0.706958	0.902863	-1.10759	0.728805	1.09875	1.09875	0.729668	1.09841	1.09841	4.1186	4.77511	1.03058	1
cg15966229	ST8SIA5	0.0303685	0.31254	0.843559	-1.18545	0.111459	1.32622	1.32622	0.6457	1.0783	1.0783	0.121515	1.3144	1.3144	0.0759328	0.72495	-1.37941	0.0761538	1.379	1.379	0.00731261	0.569374	-1.75632	0.0696737	1.39151	1.39151	0.713653	1.06186	1.06186	4.06914	1.70918	0.373364	1
cg23129478	ST8SIA5	0.0413972	0.102431	0.669389	-1.4939	0.886774	1.03252	1.03252	0.337914	1.24842	1.24842	0.13463	1.43661	1.43661	0.438902	1.19401	1.19401	0.00225485	2.61197	2.61197	0.540404	1.14935	1.14935	0.139014	0.699317	-1.42997	0.302294	1.27125	1.27125	3.63675	2.9054	0.710134	1
cg23284074	ST8SIA6	5.47E-06	0.0784155	1.33108	1.33108	0.1716	0.808232	-1.23727	3.26E-05	0.306977	-3.25757	0.000152856	0.386805	-2.58528	1.51E-06	0.168307	-5.94154	0.000193199	0.399308	-2.50433	0.121328	0.782144	-1.27854	5.86E-07	0.133357	-7.49866	0.283371	0.849549	-1.1771	47.4293	16.075	0.301267	1
cg01816726	ST8SIA6	0.000215933	0.376035	0.838983	-1.19192	0.00131029	2.46963	2.46963	0.168776	0.753242	-1.32759	0.00154798	0.41489	-2.41028	0.106949	0.711697	-1.40509	0.000110536	0.268554	-3.72365	5.40E-05	0.233416	-4.2842	0.168037	0.752823	-1.32833	0.00490948	0.486617	-2.05501	17.993	10.6428	0.525776	1
cg02165095	ST8SIA6	0.000395269	0.380633	0.91478	-1.09316	0.0018368	0.645149	-1.55003	0.00360143	0.676808	-1.47752	0.300494	0.899187	-1.11212	0.0012413	0.626609	-1.59589	0.774686	0.971974	-1.02883	0.000225074	1.83639	1.83639	0.000416016	0.57432	-1.74119	0.13703	0.853303	-1.17192	15.2501	2.3694	0.138106	1
cg02946934	ST8SIA6	0.000400942	0.492043	0.89262	-1.1203	0.171732	0.78912	-1.26723	0.405792	0.870705	-1.14849	0.268047	0.828776	-1.2066	0.073824	0.722973	-1.38318	0.059971	0.707901	-1.41263	0.019006	0.629865	-1.58764	1.29E-05	4.44221	4.44221	0.00705998	0.567337	-1.76262	15.1903	6.37526	0.373059	1
cg09827122	ST8SIA6	0.00370089	0.00334613	0.710904	-1.40666	0.665347	1.03789	1.03789	0.0132852	0.769365	-1.29977	0.000327214	0.608903	-1.6423	0.106313	0.860092	-1.16267	0.769493	1.02543	1.02543	0.0643314	1.19437	1.19437	0.306799	1.09463	1.09463	0.352268	0.921454	-1.08524	8.03822	0.929714	0.10281	1
cg15019721	ST8SIA6	0.00833334	0.187433	0.798086	-1.253	0.0100528	1.68954	1.68954	0.148408	1.28434	1.28434	0.602206	0.918608	-1.0886	0.213271	1.23564	1.23564	0.822876	0.964454	-1.03686	0.150413	0.779702	-1.28254	0.000432878	2.45582	2.45582	0.148132	1.28459	1.28459	6.26306	2.58506	0.366886	1
cg18591801	STAB1	0.00238208	0.0613382	0.643676	-1.55358	0.000863158	0.351592	-2.84421	0.363833	0.822814	-1.21534	0.0651454	1.54146	1.54146	0.870256	0.966415	-1.03475	0.00199389	2.48962	2.48962	0.00339708	2.29843	2.29843	0.693459	0.920543	-1.08631	0.579744	1.124	1.124	9.16125	6.33693	0.614854	1
cg01758942	STAB1	0.0025296	0.00102166	0.237711	-4.20679	0.00249429	0.289466	-3.45464	0.00141795	0.256002	-3.90621	0.914564	1.03217	1.03217	0.000455924	0.196097	-5.09951	0.63074	0.866845	-1.15361	0.0944316	0.581343	-1.72016	0.422412	0.785234	-1.27351	0.124906	0.612568	-1.63247	9.00079	12.4089	1.22546	1
cg08222913	STAB1	0.00312053	0.0975739	1.79243	1.79243	0.019504	2.47524	2.47524	0.787225	0.916813	-1.09074	0.499294	0.802385	-1.24628	0.0127883	2.69883	2.69883	0.426915	0.770729	-1.29747	0.000454962	5.88979	5.88979	0.00551033	0.309973	-3.22609	0.077953	1.87536	1.87536	8.45854	13.8062	1.45086	1
cg18099408	STAB1	0.00362786	0.014471	3.26445	3.26445	0.00598505	4.09839	4.09839	0.00394281	0.21812	-4.58464	0.16134	1.79913	1.79913	0.0151177	3.22878	3.22878	0.154701	0.549877	-1.81859	0.0203419	2.99836	2.99836	0.014849	3.24336	3.24336	0.0596651	2.30358	2.30358	8.08643	19.7438	2.17031	1
cg11076714	STAB1	0.00367132	0.0260613	0.686873	-1.45587	0.127313	0.790946	-1.26431	0.00164175	0.526651	-1.89879	0.159634	0.807561	-1.2383	0.000111504	0.380455	-2.62843	0.0150094	0.65361	-1.52996	0.100655	0.774325	-1.29145	0.148781	0.802319	-1.24639	0.0551395	0.733995	-1.36241	8.05759	2.58159	0.284794	1
cg21832537	STAB1	0.00557009	0.364838	1.23381	1.23381	0.300749	0.785093	-1.27373	0.00438115	2.35994	2.35994	0.0791915	1.55232	1.55232	0.877927	0.965912	-1.03529	0.0516722	0.606699	-1.64826	0.752209	0.931023	-1.07409	0.7414	1.07759	1.07759	0.000347267	3.66304	3.66304	7.09989	5.7253	0.716793	1
cg15147215	STAB1	0.00782968	0.478522	1.22768	1.22768	0.00214363	3.41277	3.41277	0.813952	1.06942	1.06942	0.51778	0.829705	-1.20525	0.000565543	4.57705	4.57705	0.264405	0.718078	-1.39261	0.713937	0.900487	-1.11051	0.638526	1.1442	1.1442	0.0369708	1.99315	1.99315	6.38722	8.19943	1.14109	1
cg15407570	STAB1	0.0109658	0.0135603	0.466944	-2.14158	0.182002	0.702481	-1.42353	0.0329122	0.536885	-1.8626	0.700119	0.90803	-1.10129	0.00056058	0.263512	-3.7949	0.0563178	0.583477	-1.71386	0.503266	0.844223	-1.18452	0.109581	1.54476	1.54476	0.179739	0.701034	-1.42646	5.73827	5.64772	0.874861	1
cg02980023	STAB1	0.0117978	0.0208868	0.496156	-2.01549	0.00658113	0.410795	-2.4343	0.00187951	0.329125	-3.03836	0.0180733	0.484838	-2.06255	0.570451	0.865401	-1.15553	0.0700452	0.600108	-1.66637	0.183995	1.42664	1.42664	0.791006	0.935232	-1.06925	0.0536551	0.575542	-1.73749	5.60429	5.64164	0.894812	1
cg13060642	STAB1	0.0147594	0.305798	0.774605	-1.29098	0.32314	0.78207	-1.27866	0.691916	1.10069	1.10069	0.255019	1.33142	1.33142	0.000250063	0.233324	-4.28589	0.484237	0.842634	-1.18675	0.312983	1.2858	1.2858	0.407169	0.815273	-1.22658	0.654874	0.897294	-1.11446	5.20845	4.78584	0.816764	1
cg13311890	STAB1	0.0156074	0.280009	0.812435	-1.23087	0.969643	1.00706	1.00706	0.0225874	0.603462	-1.65711	0.33939	0.833489	-1.19978	0.00102949	0.406734	-2.45861	0.0342134	0.633167	-1.57936	0.913864	0.980186	-1.02021	0.070192	1.45412	1.45412	0.0915478	0.709172	-1.4101	5.11303	2.77046	0.481638	1
cg18075011	STAB1	0.0172584	0.968577	1.01642	1.01642	0.479268	0.742789	-1.34628	0.0850327	0.455085	-2.19739	0.00562668	0.222572	-4.49292	0.00222981	0.170223	-5.87466	0.00561291	0.22242	-4.49601	0.184455	0.558792	-1.78958	0.674977	1.19047	1.19047	0.397094	0.698734	-1.43116	4.94445	13.3842	2.40614	1
cg13267324	STAB1	0.0273055	0.236914	0.723452	-1.38226	0.499593	0.836077	-1.19606	0.00442772	0.370767	-2.69711	0.0188708	0.475684	-2.10223	0.00730094	0.405041	-2.46888	0.0737208	0.594045	-1.68338	0.0499729	0.557676	-1.79316	0.801261	0.936233	-1.06811	0.0257672	0.500701	-1.9972	4.22494	4.56664	0.960779	1
cg26862175	STAB1	0.0442139	0.00948426	0.411233	-2.43171	0.456026	1.22783	1.22783	0.12978	0.642452	-1.55654	0.809355	1.06753	1.06753	0.0221034	0.476197	-2.09997	0.864291	0.954805	-1.04733	0.0135311	0.437676	-2.2848	0.426062	1.24574	1.24574	0.347369	0.769826	-1.29899	3.54884	4.10812	1.02897	1
cg11010909	STAB2	0.000767918	0.98658	1.00386	1.00386	0.0567068	1.63801	1.63801	0.013037	0.494242	-2.0233	0.899714	0.971566	-1.02927	2.71E-05	0.150392	-6.64927	0.531629	0.865053	-1.156	0.211609	0.74002	-1.35131	0.886633	0.96789	-1.03318	0.000686669	0.305391	-3.27449	12.6772	10.5099	0.736926	1
cg23227824	STAB2	0.0061654	0.00358041	0.533162	-1.8756	0.382683	1.14605	1.14605	0.00184196	0.491209	-2.03579	0.00326741	0.527355	-1.89626	0.0207019	0.647106	-1.54534	0.006408	0.57037	-1.75325	0.0472043	0.703394	-1.42168	0.011474	0.608133	-1.64438	0.331072	0.858258	-1.16515	7.93376	2.83023	0.277459	1
cg10622586	STAB2;STAB2	0.00139004	0.278816	0.789044	-1.26736	0.00642812	2.1082	2.1082	0.0480858	0.621642	-1.60864	0.334173	0.810921	-1.23317	0.000861952	0.349004	-2.86529	0.00102426	0.359081	-2.78489	0.0144387	1.88575	1.88575	0.0493163	1.60334	1.60334	0.316965	0.804386	-1.24318	10.7115	7.51098	0.623298	1
cg26116112	STAC	0.000137431	0.174576	0.767487	-1.30295	0.000559342	0.375041	-2.66637	0.199392	0.779993	-1.28206	0.100748	0.719338	-1.39017	0.000537714	0.372811	-2.68232	6.95E-05	0.264048	-3.78719	5.75E-05	0.254728	-3.92576	0.001881	2.24269	2.24269	0.0397735	0.64686	-1.54593	20.3304	10.813	0.472765	1
cg27100876	STAC	0.0129944	0.0605149	1.25012	1.25012	0.164878	1.16915	1.16915	0.0915063	0.82201	-1.21653	0.0140468	1.3769	1.3769	0.00191893	0.629184	-1.58936	0.769056	0.969422	-1.03154	0.200502	1.15329	1.15329	0.422445	0.917202	-1.09027	0.725382	0.963484	-1.0379	5.43091	0.956935	0.156623	1
cg08850369	STAC	0.0290918	0.360624	0.707788	-1.41285	0.120716	1.85685	1.85685	0.113318	1.88455	1.88455	0.956101	1.02045	1.02045	0.0155945	0.336049	-2.97576	0.0332625	0.400478	-2.49702	0.0110614	0.309806	-3.22782	0.188592	0.599134	-1.66907	0.168861	0.583273	-1.71446	4.13161	8.84921	1.90385	1
cg02795515	STAC2	1.45E-05	0.071095	0.844611	-1.18398	0.0041751	1.37922	1.37922	0.071894	0.845104	-1.18329	0.72666	0.971031	-1.02983	0.000866656	0.657911	-1.51996	1.32E-06	2.82342	2.82342	0.000129939	0.573062	-1.74501	0.000279747	1.64502	1.64502	0.130386	1.14664	1.14664	36.8359	4.09314	0.0987718	1
cg14328457	STAC2	3.36E-05	0.0742471	0.835535	-1.19684	0.833252	0.981136	-1.01923	0.0161321	1.30463	1.30463	0.3328	1.09445	1.09445	0.142522	0.867278	-1.15303	9.26E-07	3.22985	3.22985	0.00407698	0.705937	-1.41656	0.000271156	1.71479	1.71479	0.304881	0.908484	-1.10074	29.5739	3.82204	0.114877	1
cg07280482	STAC2	0.000300992	0.995511	1.00057	1.00057	0.0912647	1.20557	1.20557	0.503736	1.07058	1.07058	0.626591	0.95191	-1.05052	0.684131	0.959719	-1.04197	0.322041	1.1083	1.1083	5.10E-06	0.352482	-2.83703	0.018285	1.33362	1.33362	0.0260039	0.766753	-1.3042	16.4353	2.63006	0.142245	1
cg16818830	STAC2	0.00112547	0.0148532	0.445995	-2.24218	0.00379756	0.349218	-2.86354	0.000223256	0.190987	-5.23595	0.389373	0.788446	-1.26832	0.0574177	0.560393	-1.78446	0.00604158	0.38046	-2.6284	0.00138348	0.286657	-3.48849	0.000266473	0.199316	-5.01716	0.00632169	0.383599	-2.60689	11.3779	13.0844	1.02221	1
cg26133266	STAC2	0.00199203	0.0161557	0.498977	-2.0041	0.133302	0.682111	-1.46604	0.032669	0.554052	-1.80488	0.272239	0.763401	-1.30993	0.004104	0.402689	-2.48331	0.403966	0.817308	-1.22353	0.000166639	0.219858	-4.54839	0.000277559	0.245257	-4.07735	0.0947359	0.648025	-1.54315	9.65313	8.53192	0.785644	1
cg05063952	STAC2	0.00823121	0.427973	1.21646	1.21646	0.0347469	1.8147	1.8147	0.333809	0.785558	-1.27298	0.0428893	1.75808	1.75808	0.34985	0.792152	-1.26238	0.10948	1.5258	1.5258	0.0430996	0.569219	-1.75679	0.000922186	3.31487	3.31487	0.0246171	1.91183	1.91183	6.28747	5.83774	0.825308	1
cg25411207	STAC2	0.0146194	0.218543	1.14552	1.14552	0.297573	1.12004	1.12004	0.00381101	1.50622	1.50622	0.351426	1.10592	1.10592	0.0230461	1.3302	1.3302	0.944422	1.00735	1.00735	0.114912	1.19717	1.19717	0.989883	0.99867	-1.00133	0.00482167	0.675329	-1.48076	5.22486	0.911923	0.155143	1
cg12141135	STAC2	0.0440471	0.0559381	0.553776	-1.80578	0.0479192	0.539442	-1.85377	0.0324142	0.504819	-1.98091	0.104398	0.61601	-1.62335	0.00932318	0.406517	-2.45992	0.213206	1.43015	1.43015	0.0354296	0.512511	-1.95118	0.496011	0.828069	-1.20763	0.401528	0.79109	-1.26408	3.55385	4.19272	1.04868	1
cg17471928	STAC2;STAC2	0.047022	0.0375273	0.747948	-1.33699	0.148545	0.829878	-1.205	0.672106	0.950057	-1.05257	0.354568	1.12144	1.12144	0.907788	1.01404	1.01404	0.067692	1.2793	1.2793	0.0456186	0.758947	-1.31762	0.022365	1.39008	1.39008	0.710312	1.04592	1.04592	3.4678	0.795391	0.20388	1
cg14747072	STAC3	5.21E-05	0.0753677	0.806511	-1.23991	3.97E-06	3.20553	3.20553	0.752741	1.03492	1.03492	0.278974	0.884916	-1.13005	0.00702374	0.684844	-1.46019	8.40E-05	0.463785	-2.15617	0.00172465	0.615269	-1.62531	0.20415	0.864542	-1.15668	0.317566	0.893851	-1.11875	26.3319	4.92009	0.166088	1
cg07985354	STAC3	0.00170576	0.0133744	0.636754	-1.57047	0.705832	0.945665	-1.05746	0.0648766	0.736802	-1.35722	0.000953585	0.484163	-2.06542	0.000614615	0.459755	-2.17507	0.185706	0.813237	-1.22965	0.0246337	0.674176	-1.48329	0.00391102	1.77213	1.77213	0.708474	1.0569	1.0569	10.0979	3.4712	0.30556	1
cg21045306	STAC3	0.00626146	0.804447	1.12661	1.12661	0.00163099	8.74743	8.74743	0.502039	1.38735	1.38735	0.456137	1.44011	1.44011	0.00562284	0.174355	-5.73544	0.0145299	4.2491	4.2491	0.162015	2.04926	2.04926	0.00630943	5.52523	5.52523	0.336792	1.60945	1.60945	6.84827	25.0456	3.25086	1
cg19272663	STAC3	0.0106204	0.127814	0.674429	-1.48273	0.0118256	0.471432	-2.1212	0.212345	0.730321	-1.36926	0.108463	0.657766	-1.5203	0.00327285	0.383279	-2.60906	0.00628485	0.426714	-2.34349	0.0106511	0.463837	-2.15593	0.0851081	1.57689	1.57689	0.811146	0.944339	-1.05894	5.79765	5.25564	0.805788	1
cg11100309	STAC3	0.0307139	0.394783	0.73651	-1.35776	0.501455	0.787098	-1.27049	0.00308564	4.14181	4.14181	0.0637105	0.481217	-2.07807	0.038801	0.43191	-2.3153	0.646873	0.850567	-1.17569	0.172791	0.601039	-1.66379	0.377556	0.727816	-1.37397	0.37175	1.37961	1.37961	4.0528	7.90319	1.73339	1
cg14620117	STAG1	0.000549166	0.0303972	0.550118	-1.81779	0.00159555	0.345133	-2.89743	4.24E-05	0.160644	-6.22496	0.0143239	0.492028	-2.0324	0.142185	0.690333	-1.44858	0.131983	0.682605	-1.46498	0.0379234	1.7599	1.7599	0.0136658	2.04686	2.04686	0.0201333	0.517704	-1.93161	13.923	12.1632	0.776538	1
cg24090608	STAG1	0.00230311	0.00352264	0.322634	-3.09949	0.0869729	0.58252	-1.71668	0.0120862	0.408772	-2.44635	0.988308	1.0042	1.0042	0.00067291	0.226071	-4.4234	0.00173561	0.278848	-3.58618	0.00264793	0.304513	-3.28393	0.695527	1.11901	1.11901	0.0036762	0.325398	-3.07316	9.25232	11.9776	1.15071	1
cg24120960	STAG1	0.00360814	0.495355	1.20349	1.20349	0.00031975	0.210447	-4.7518	0.00441414	0.361791	-2.76403	0.589656	0.864437	-1.15682	0.43573	1.23708	1.23708	0.175669	1.46999	1.46999	0.0195274	2.1279	2.1279	0.881746	1.04063	1.04063	0.162958	1.48951	1.48951	8.09965	9.18232	1.00771	1
cg24690303	STAG1	0.00956641	0.231924	0.647233	-1.54504	0.00405203	0.262068	-3.81581	0.00825217	0.30966	-3.22935	0.648941	1.17238	1.17238	0.186918	0.615433	-1.62487	0.738468	1.1233	1.1233	0.0024401	0.231413	-4.32127	0.0516776	2.15644	2.15644	0.5961	0.830593	-1.20396	5.99487	11.4324	1.69513	1
cg02218932	STAG1	0.012969	0.0076451	0.217968	-4.58784	0.239508	0.578553	-1.72845	0.268615	0.599352	-1.66847	0.696613	0.840228	-1.19015	0.0198629	0.286735	-3.48754	0.0162626	0.271014	-3.68984	0.00412393	0.181015	-5.52441	0.909479	0.950725	-1.05183	0.00245479	0.153825	-6.5009	5.43438	16.9889	2.77884	1
cg15068009	STAG1	0.0234714	0.0387325	0.618818	-1.61599	0.0706993	0.667006	-1.49924	0.0241321	0.58323	-1.71459	0.240801	0.781748	-1.27918	0.189373	0.756724	-1.32149	0.452875	1.16571	1.16571	0.917979	0.979558	-1.02087	0.082252	0.67977	-1.47108	0.00113482	0.382868	-2.61187	4.45357	2.83569	0.565977	1
cg00989904	STAG1	0.0330994	0.0744528	0.49684	-2.01272	0.110238	1.84531	1.84531	0.188387	1.63319	1.63319	0.44338	1.3166	1.3166	0.00733487	0.296257	-3.37544	0.424276	0.750352	-1.33271	0.334808	0.70463	-1.41918	0.0447947	2.24943	2.24943	0.191851	0.614914	-1.62624	3.94579	7.74134	1.74393	1
cg00841581	STAG1;STAG1	0.000541499	0.0254513	0.852952	-1.1724	0.760598	1.01847	1.01847	0.0108978	0.825783	-1.21097	0.67278	0.974879	-1.02577	0.0241321	1.17475	1.17475	6.14E-05	0.642219	-1.5571	0.000316945	0.705149	-1.41814	0.0701161	1.12893	1.12893	0.0792319	0.889851	-1.12378	13.9775	0.794072	0.0504983	1
cg11116781	STAG2;STAG2;STAG2;STAG2	0.0108381	0.113694	0.485129	-2.06131	0.00905316	4.03179	4.03179	0.0295141	2.93639	2.93639	0.0022513	6.03228	6.03228	0.072652	2.32029	2.32029	0.064018	0.416938	-2.39844	0.919469	1.04342	1.04342	0.800183	1.11248	1.11248	0.589471	0.795362	-1.25729	5.75996	16.1138	2.48672	1
cg21224730	STAG2;STAG2;STAG2;STAG2	0.0117815	0.814238	0.923084	-1.08333	0.0640341	0.49276	-2.02939	0.0145141	0.359173	-2.78418	0.00409227	0.269834	-3.70599	0.000979708	0.188824	-5.29593	0.700091	1.14067	1.14067	0.0416551	0.449975	-2.22234	0.912931	0.963491	-1.03789	0.401936	0.746993	-1.3387	5.60681	10.2675	1.62778	1
cg16268157	STAG3	0.00297862	0.325123	0.747418	-1.33794	0.00164548	0.274929	-3.6373	0.0108121	0.399619	-2.50238	0.013896	0.418617	-2.38882	0.0589927	0.542828	-1.84221	0.164311	0.653664	-1.52984	0.000139592	0.151837	-6.58602	0.00622263	0.359924	-2.77836	0.18616	0.66925	-1.49421	8.57634	11.151	1.15574	1
cg04697562	STAG3;GPC2	0.0113687	0.911192	1.01232	1.01232	0.332898	0.896179	-1.11585	0.080612	0.80844	-1.23695	0.0252221	0.746726	-1.33918	0.708228	0.959583	-1.04212	0.239761	1.14464	1.14464	0.000880561	1.72835	1.72835	0.185111	1.16676	1.16676	0.121392	0.831692	-1.20237	5.67187	1.08183	0.169543	1
cg20531781	STAG3;GPC2	0.0151526	0.318014	0.847304	-1.18021	0.551816	0.907879	-1.10147	0.422487	0.876749	-1.14058	0.00891583	0.586154	-1.70604	0.205017	0.806799	-1.23947	0.103632	0.751465	-1.33073	0.000383507	0.402522	-2.48434	0.252082	0.825246	-1.21176	0.0348582	0.673813	-1.48409	5.16338	2.10763	0.362834	1
cg21123656	STAG3;GPC2	0.0182332	0.64675	0.943316	-1.06009	0.106408	0.800142	-1.24978	0.0278317	1.38925	1.38925	0.383179	0.89307	-1.11973	0.0552193	0.759681	-1.31634	0.14209	0.81906	-1.22091	0.00102762	0.540508	-1.85011	0.464806	0.91021	-1.09865	0.969803	1.0048	1.0048	4.85405	1.2295	0.225151	1
cg21394081	STAG3;GPC2	0.032344	0.856729	1.02885	1.02885	0.0468725	1.43056	1.43056	0.0078723	1.71017	1.71017	0.969199	1.0061	1.0061	0.0276129	1.50669	1.50669	0.879723	0.976451	-1.02412	0.515586	0.901446	-1.10933	0.0253445	1.51948	1.51948	0.0145611	1.60576	1.60576	3.97861	1.56075	0.348697	1
cg10084644	STAG3;GPC2	0.0335362	0.0792751	3.23209	3.23209	0.0355143	4.36608	4.36608	0.051095	3.81056	3.81056	0.467452	1.56084	1.56084	0.310172	2.53139	2.53139	0.0237441	5.08036	5.08036	0.0451348	3.99143	3.99143	0.00689143	8.21835	8.21835	0.0554729	3.69519	3.69519	3.92722	22.5533	5.10471	1
cg19741077	STAG3L2;PMS2L5;PMS2L5;PMS2L5	0.0438714	0.836057	1.01545	1.01545	0.12078	0.882932	-1.13259	0.778823	0.97938	-1.02105	0.37413	1.06984	1.06984	0.541816	1.04676	1.04676	0.73372	0.97505	-1.02559	0.00123261	0.704955	-1.41853	0.618643	0.963547	-1.03783	0.256185	1.09167	1.09167	3.55915	0.308661	0.0770873	1
cg01855803	STAG3L4;STAG3L4;PMS2L4	0.0243235	0.0978586	0.757218	-1.32062	0.0342125	0.684963	-1.45993	0.0522795	0.713166	-1.4022	0.992609	1.00142	1.00142	0.833395	0.968257	-1.03278	0.0138116	1.59365	1.59365	0.336608	0.859227	-1.16384	0.52454	1.1038	1.1038	0.0165996	1.56521	1.56521	4.39894	1.6339	0.330161	1
cg02593601	STAM	1.27E-05	0.017386	0.766474	-1.30468	4.83E-05	0.495476	-2.01826	6.58E-06	0.398163	-2.51153	0.0957821	1.18294	1.18294	0.300189	1.10361	1.10361	0.0796393	1.19559	1.19559	8.38E-06	2.43894	2.43894	0.00436601	1.41859	1.41859	0.027303	0.786759	-1.27104	38.111	5.09013	0.118721	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg19358883	STAM	0.000590873	0.11196	0.508256	0.67995	0.507423	0.22946	1.22946	0.35533	1.3356	0.33356	1.33356	0.746174	0.902824	-1.10764	1.82E-05	0.00851559	-14.6723	0.0025623	0.276717	-1.6316	0.007739675	0.207186	-4.82659	0.754881	0.893442	-1.41455	13.6421	20.3863	1.32833	1
cg20444320	STAM	0.01117149	0.143072	1.30192	1.30192	1.288853	0.759491	-1.31667	0.679244	0.932660	-1.07219	0.159807	0.777447	-1.28626	0.030891	1.97133	0.97133	0.0573693	1.43386	0.481786	1.0761	0.684585	-1.40617	0.054986	1.44021	1.44021	0.059573	0.700154	-1.42826	5.61711	2.50014	0.395639	1
cg13608864	STAM	0.0249894	0.436156	1.15449	1.15449	0.00584394	1.92047	1.92047	0.273907	1.22861	1.22861	0.118638	1.35842	1.35842	0.527854	1.12261	1.12261	0.372294	1.18015	1.18015	0.63077	1.09152	1.09152	0.00172947	2.24395	2.24395	0.0124843	1.75426	1.75426	4.35788	2.25693	0.460352	1
cg20138461	STAM	0.033126	0.80145	0.952627	-1.04973	0.379324	0.839491	-1.19142	0.744225	0.938891	-1.06509	0.44862	0.99236	1.00236	0.047333	0.64598	-1.54804	0.01107788	0.541434	-1.84806	0.0104874	1.859368	1.85968	0.162567	1.13262	1.13262	0.462871	1.1548	1.1548	3.94465	2.31759	0.522246	1
cg17307196	STAM	0.0471352	0.34997	1.18223	1.18223	0.8897097	1.38473	1.38473	0.3844	1.16787	0.033567	1.53071	0.53071	0.196959	1.26789	1.26789	0.26789	0.068985	0.701811	-1.42488	0.0972504	0.728569	-1.37255	0.331483	1.19047	1.19047	0.0195163	1.63425	1.63425	3.46646	1.66138	0.426242	1
cg10053162	STAM	0.0490073	0.285837	1.13248	1.13248	0.0333337	1.31663	1.31663	0.217665	1.15669	1.15669	0.666638	0.952533	-1.03948	0.2363124	1.14944	1.14944	0.0101512	0.694948	-1.43896	0.499255	0.925906	-1.08002	0.61533	1.05851	1.05851	0.0462647	1.2921	1.2921	3.41165	0.680677	0.177347	1
cg24904765	STAM2	0.00183107	0.00963678	0.811602	-1.23213	0.0372623	0.857238	-1.16654	0.0906677	0.888019	-1.1261	0.00114542	0.737409	-1.3561	0.59408	0.966309	-1.03487	5.81E-05	0.622046	-1.6076	0.0137472	0.823596	-1.21419	0.170061	0.911098	-1.09758	0.0241998	0.842641	-1.18675	9.89254	0.635994	0.0571469	1
cg17795164	STAM2	0.00393426	0.387965	1.1216	1.1216	0.211863	1.185597	1.185597	0.1313362	1.17592	1.17592	0.01291	0.670124	-1.49226	0.0281745	0.714509	-1.39956	0.00945492	0.488486	-2.04274	0.1221857	0.846253	1.18112	0.0663498	1.10909	1.10909	0.0573491	1.32157	1.32157	7.89179	2.10225	0.282786	1
cg16879976	STAM2	0.0121372	0.948823	1.02884	1.02884	0.251356	0.818636	-1.15213	0.0180241	1.57058	1.57058	0.147648	0.45846	0.498264	0.0942101	0.454231	0.454231	-2.25922	0.673333	0.828759	1.20662	0.00272089	0.15983	-6.25653	0.288238	0.620252	-1.61225	0.713765	0.84943	-1.17726	5.55297	2.76212	1
cg20625334	STAM2	0.020143	0.023171	0.387376	-2.58147	0.810553	1.08752	1.08752	0.0252221	0.394652	-2.53388	0.688999	0.868883	-1.1509	0.00149489	0.203996	-4.95059	0.0679385	0.489557	-2.04266	0.0294603	0.408284	-2.44928	0.724514	1.13159	1.13159	0.0684414	0.490343	-2.03939	4.65918	9.07188	1.71821	1
cg26755083	STAM2	0.0226348	0.052234	0.604373	-1.65407	0.0751287	1.457144	1.457144	0.479984	1.17793	1.17793	0.549529	0.866438	-1.15403	0.0564125	0.868438	-1.15149	0.1988977	0.733724	-1.36302	0.00260297	0.386218	-2.58923	0.550981	1.15995	1.15995	0.0984566	1.51181	1.51181	4.27719	3.52377	0.733212	1
cg24909671	STAM2	0.0200223	0.280741	1.1114	1.1114	0.0253726	2.1845	2.1845	0.000837975	1.60546	1.60546	0.564923	0.946672	-1.05633	0.465099	0.932359	-1.07255	0.550457	1.05856	1.05856	1.879734	1.01437	1.01437	0.9603558	1.04069	1.04069	0.211603	1.13199	1.13199	4.1351	0.581242	0.124945	1
cg23227503	STAM3/STAMBP-STAMBP	7.91E-06	0.13029	0.845172	-1.18293	0.0444402	0.782781	-1.26778	0.13097	0.849021	-1.17781	7.13E-08	0.156398	-6.39396	0.0041509	0.733757	-1.36283	0.0488399	0.553102	-1.80799	6.31E-06	0.0763264	-14.2194	0.000590387	0.247301	-4.04365	0.000957907	0.723862	0.161547	21.6879	23.8036	0.9756	1
cg23102386	STAM3/STAMBP-STAMBP	0.00018022	0.145359	1.50925	1.50925	0.0014767	0.298886	-1.34576	0.000433848	0.231168	-4.32586	0.22928	0.717412	-1.3939	0.000514841	0.240057	-4.16568	0.0488399	0.553102	-1.80799	6.31E-06	0.0763264	-14.2194	0.000590387	0.247301	-4.04365	0.000957907	0.723862	0.161547	21.6879	23.8036	0.9756	1
cg00705190	STAM3/STAMBP-STAMBP	0.00025765	0.417679	0.910492	-1.09831	1.04E-05	0.341237	-2.90934	0.321398	1.12298	1.12298	0.357484	0.898399	-1.11309	0.452414	1.09054	1.09054	0.154515	0.841523	-1.18832	0.00496535	0.153549	1.85349	0.742279	1.2526	1.2526	0.139366	1.97135	1.97135	3.48174	0.180459	1
cg04524513	STAM3/STAMBP-STAMBP	0.00374472	0.1423	1.17497	1.17497	0.0413281	0.621938	-1.08708	0.0201775	0.407979	-2.4511	0.0643203	0.657207	-1.52138	0.0018982	0.314144	-2.41462	0.113447	1.13651	1.38651	0.0301137	0.597573	1.57394	0.149005	1.18118	1.18118	0.020886	1.51015	1.51015	0.573754	1
cg02352181	STAM3/STAMBP-STAMBP	0.04068	0.00762185	0.148658	-6.72683	0.0245785	0.225925	-4.42626	0.10409	0.372599	-2.68385	0.49489	0.680412	-1.4697	0.0318439	0.247198	-4.04534	0.21819	0.486948	-2.05361	0.0135084	0.182945	-5.46612	0.649452	1.28946	1.28946	0.0894408	0.353332	-2.8302	3.66032	17.893	4.34523	1
cg06774098	STAM3/STAMBP-STAMBP;STAMBP	0.00254022	0.00093213	0.643961	-1.55294	0.000262673	0.126756	-2.03351	0.00667926	1.29063	1.29063	0.0956739	0.30544	1.8015	0.0057839	0.685709	1.65381	0.119301	0.34025	-2.93902	0.00186849	0.0557116	-17.9382	0.0472707	0.806208	0.806208	0.0551254	0.88872	0.88872	2.91602	0.21704	1
cg16418306	STAM3/STAMBP-STAMBP;STAMBP	0.0129446	0.00485408	0.092374	-10.8256	0.302984	0.506382	-1.97479	0.794353	1.18128	1.18128	0.150628	0.324376	-2.63884	0.00356722	0.080634	-12.4015	0.149219	0.333955	-2.99442	0.000974616	0.0308332	-32.4325	0.0886391	0.263974	-3.78826	0.0264704	0.154781	-6.46074	4.88507	38.9053	7.07921	1
cg26264429	STAMBPL1	0.0178912	0.00874745	0.0936308	-10.6802	0.0583469	0.219382	-4.55825	0.183851	0.367957	-2.71771	0.162612	0.347473	-2.87792	0.0234808	0.146745	-6.81454	0.149219	0.333955	-2.99442	0.000974616	0.0308332	-32.4325	0.0886391	0.263974	-3.78826	0.0264704	0.154781	-6.46074	4.88507	38.9053	7.07921	1
cg00437132	STAMBPL1	0.0192755	0.276283	1.44853	1.44853	0.0026882	0.527467	-1.3184	0.0685547	0.318996	-2.9945	0.15363	1.64625	-1.64625	0.32728	0.71346	-1.3926	0.406183	1.30043	1.71026	0.0017109	0.711796	1.40606	0.714308	0.709179	1.14806	0.649765	0.861109	-1.16129	4.7638	8.07249	1.50626	1
cg17886133	STAMBPL1	0.0420139	0.0689474	1.70821	1.70821	0.495531	1.19968	1.19968	0.0875043	1.64255	1.64255	0.0144038	0.452265	-2.2111	0.0572142	1.76116	1.76116	0.070963	1.70014	1.70014	0.7692	0.925424	-1.08059	0.557614	0.855546	-1.16884	0.20332	0.702392	-1.42371	3.61688	3.96456	0.974335	1
cg16954165	STAMBPL1	0.0150539	0.0425171	0.73703	-1.35704	0.1312043	0.741744	-1.34315	0.0130698	0.499236	-2.00277	0.0234819	0.372682	-2.68425	0.0014509	0.241386	-4.14285	0.0437319	0.579384	-1.72567	0.0012552	0.154483	-6.47285	0.29454	0.560645	-1.78366	0.0131716	0.824923	-1.21223	5.16389	7.73913	1.49095	1
cg20384683	STAMBPL1;STAMBPL1	0.0106683	0.326379	1.49801	1.49801	0.359922	0.684729	-1.46043	0.000191856	0.0816352	-12.2496	0.7344	1.14548	1.14548	0.970134	0.985179	-1.01504	0.0437319	0.579384	-1.72567	0.0012552	0.154483	-6.47285	0.29454	0.560645	-1.78366	0.0131716	0.824923	-1.21223	5.16389	7.73913	1.49095	1
cg23529269	STAP1	4.43E-05	0.105324	0.791656	-1.26318	0.00568853	0.619404	-1.61422	0.00298486	0.45977	-2.175	0.199172	0.836014	-1.19615	6.32E-07	0.165233	6.05205	0.258566	1.60318	1.60318	0.465766	0.743748	-1.34454	0.24903	0.618446	-1.61696	0.344231	1.47489	1.47489	5.78928	4.58586	2.23948	1
cg23529269	STAP1	4.43E-05	0.105324	0.791656	-1.26318	0.00568853	0.619404	-1.61422	0.00298486	0.45977	-2.175	0.199172	0.836014	-1.19615	6.32E-07	0.165233	6.05205	0.319135	1.1456	1.1456	0.132955	0.807326	-1.23866	0.537407	1.08594	1.08594	0.00240586	0.572241	-1.74751	27.4791	7.58607	0.245393	1
cg20632275	STAP1	0.0157784	0.0492027	0.542	0.806195	0.0191927	0.441948	-1.27303	0.0144498	0.722169	-2.37187	0.0290931	0.57218	-1.74787	0.0013237	0.260951	-3.83191	0.0161744	0.426206	0.54244	-1.84339	0.0115009	0.485357	1.03256	1.03256	0.0966437	1.57264	1.57264	1.57241	0.0381886	0.502102	4.6452	1.15754	1
cg12879425	STAP1;STAP1	0.020256	0.912614	0.962076	-1.03942	0.948083	0.976774	-1.02378	0.0493902	0.453915	-2.20306	0.00553338	0.276938	-3.61091	0.0340624	0.418461	-2.38971	0.916704	0.963826	-1.03753	0.00639977	0.286575	-3.48827	0.666791	1.16481	1.16481	0.00888441	0.3103342	-3.22225	4.68426	9.20203	1.74618	1
cg08052565	STAP2;STAP2	0.00147599	0.00208589	0.339604	-2.94407	0.0153494	0.481691	-1.19776	0.00305368	0.620503	-1.61168	0.0225626	0.376828	-2.65403	0.0004704	0.185172	-5.40071	0.0393658	0.583457	-1.71392	0.0032974	0.372459	-2.68503	0.178949	0.717802	-1.39329	0.0075912	0.652582	0.0403437	0.507912	-1.67247	10.5284	7.86336	0.663888	1
cg10012059	STAP2;STAP2	0.00640387	0.0428574	0.480248	-2.08226	0.341116	0.16164	1.36164	0.253618	1.45772	1.45772	0.0433219	0.207788	2.7078	?	?	?	0.0348595	0.461227	2.16835	0.0233138	0.674755	-1.48202	0.653169	0.867326	-1.15297	0.913313	0.637737	1.39407	1
cg24290441	STAP2;STAP2	0.0116598	0.242382	1.46832	1.46832	0.195101	1.53763	1.53763	0.516075	0.813243	-1.22965	0.388874	0.757875	-1.31948	0.010129	0.361177	-2.76872	0.1126449	1.71973	1.71973	0.00853023	2.8684	2.8684	0.00531101	3.16862	3.16862	0.339642	1.36203	1.36203	5.34286	8.34037	1.38758	1
cg16200879	STAP2;STAP2	0.0502053	0.0148344	0.2599	-3.84811	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503	0.434268	0.725987	-1.37743	0.00284384	0.196276	-5.0955	0.0309576	0.560886	-2.77088	0.144574	0.533135	-1.8757	4.621	11.7388	2.26787	1
cg03553404	STAP2;STAP2	0.0348836	0.0042355	0.391538	-2.55403	0.820198	0.945769	-1.05734	0.485555	0.840668	-1.18953	0.265132	0.752445	-1.329	0.0230621	0.51398	1.9456	0.0231825	0.514393	-1.94404	0.017465	0.492291	-2.03132	0.712067	1.09504	1.09504	0.0955186	0.638585	-1.56596	3.48179	1.67822	0.844448	1
cg19058865	STAP2;STAP2	0.0127416	0.0120403	0.349319	-2.86277	0.0170106	0.3807	0.3807	0.154439	0.755062	-1.32443	0.1744	0.9	1.11111	0.0035724	0.448139	-2.23107	0.350758	0.74708	0.74708	0.0035317	0.448139	-2.23107	0.079068	0.74708	0.74708	0.0035317	0.448139	-2.23107	0.079068	0.74708	0.74708	0.0035317	0.448139	-2.23107
cg23627553	STAR;STAR	0.006762	0.0548746	1.27146	1.27146	0.0035046	0.646069	-1.54782	0.750256	1.03585	1.03585	0.854191	0.979912	-1.0205	0.000889236	0.577456	-1.73173	0.3418378	1.897605	-1.11408	0.870584	1.01815	1.01815	0.751934	1.0356	1.0356	0.0104178	0.700623	-1.4273	6.68577	1.28555	0.17129	1
cg05580671	STAR;STAR	0.0112555	0.0499816	0.360491	-2.774	0.129893	2.10117	2.10117	0.0675405	0.939237	-2.54688	0.578466	0.773994	-1.292	0.0010035	0.108869	-9.18532	0.0688707	0.394821	-2.53279	0.00428269	0.118159	-5.50907	0.741996	1.16276	1.16276	0.361927	0.651978	-1.53379	5.60923	18.7759	2.93304	1
cg18406492	STAR;STAR;STAR	0.005969647	0.13673	0.749241	-1.33457	0.0170153	0.0431041	0.0431041	0.0187246	0.863266	-1.15806	0.00330133	1.7869	1.7869	0.64587	1.15674	1.15674	0.1517962	0.798298	-1.25275	0.00218552	0.19483	-5.13197	0.0172	0.7149	1.39875	0.0021432	0.827791	-1.20801	0.515567	1.09527	1.09527	0.0195764	1.57164	0.296199	1
cg09709525	STAR;STAR;STAR;STAR	0.0106112	0.230845	0.904836	-1.10517	0.804557	0.980468	-1.01992	0.0161837	0.791327	-1.2637	0.374333	0.93002	-1.07525	0.215069	1.10941	1.10941	0.04313	0.831006	-1.20336	0.000532714	0.651167	-1.5357	0.532021	0.950886	-1.05165	0.0119791	0.779262	-1.28327	5.79928	0.581383	0.0891119	1
cg22212734	STARD10	0.00087033	0.0488009	0.61433	-1.62804	0.0026226	0.768082	-1.30194	0.0318487	0.56916	-1.75668	0.0075503	0.382366	-2.61498	0.0003469	0.133332	-7.49806	0.0003469	0.133332	-7.49806	0.0003469	0.133332	-7.49806	0.0003469	0.133332	-7.49806	0.0003469	0.133332	-7.49806	0.0003469	0.133332	-7.49806	0.0003469	0.133332	-7.49806
cg15008287	STARD10	0.00595012	0.0838433	0.645803	-1.54846	0.350609	0.264826	-1.24588	0.377973	1.56627	1.56627	0.401961	1.21662	1.21662	0.0119503	0.477665	2.09352	0.519642	0.861409	-1.16089	0.880595	0.962268	-1.03495	0.0003435	3.71011	3.71011	0.0165272	1.10908	1.10908	0.95706	0.7559	0.735419	1
cg02470043	STARD10	0.00810833	0.523269	1.11384	1.11384	0.0199341	0.626119	-1.59714	0.0775336	0.721088	-1.38679	0.0012134	0.20211	2.20211	0.121082	1.32333	1.32333	0.0311527	0.656049	-1.52428	0.14465	1.29837	1.29837	0.912033	1.01859	1.01859	0.2258881	0.809009	-1.23608	6.29541	2.76929	0.391013	1
cg03878208	STARD10	0.00900943	0.9698171	0.973464	-1.02706	0.0726226	0.768082	-1.30194	0.0318487	0.56916	-1.75668	0.0075503	0.382366	-2.61498	0.0003469	0.133332	-7.49806	0.0628206	0.765475	-1.30647	0.0017744	0.832753	1.03587	0.181454	0.789436	-1.26673	0.0926185	0.794585	0.1636311	0.331075	1
cg03697509	STARD10	0.0102446	0.055196	2.48276	2.48276	0.533467	0.760882	-1.30194	0.0318487	0.56916	0.563696	0.0853882	2.21573	2.21573	0.129562	0.50402	1.98405	0.3695	1.47046	1.47046	0.00448267	4.88101	4.88101	0.00582847	4.52893	4.52893	0.0096211	1.3938	1.3938	5.86507	16.2578	2.46398	1
cg02119837	STARD10	0.0046049	0.0078597	0.5563	-1.79762	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503	0.2600112	1.2277	1.2277	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503	0.2600112	1.2277	1.2277
cg02508954	STARD10	0.0305247	0.294457	1.58744	1.58744	0.303522	1.57289	1.57289	0.114868	2.07232	2.07232	0.0771228	2.30546	2.30546	0.091475	0.45392	-2.20303	0.3917396	1.40746	1.40746	0.00448267	4.88101	4.88101	0.00582847	4.52893	4.52893	0.0096211	1.3938	1.3938	5.86507	16.2578	2.46398	1
cg23186229	STARD10	0.0317716	0.402859	0.930901	-1.08588	0.129592	1.71772	1.71772	0.452388	1.07067	1.07067	0.09088	0.98916	-1.01092	0.116237	1.17865	1.17865	0.2600112	1.2277	1.2277	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503	0.2600112	1.2277	1.2277
cg08784955	STARD10	0.0466178	0.685389	0.885204	-1.12959	0.0525033	0.92503	-1.08105	0.0517841	1.44228	1.44228	0.0978266	1.64641	1.64641	0.0106	0.607047	0.739781	0.430652	0.875378	-1.14236	0.991588	0.998527	-1.00175	0.0693093	1.96407	1.96407	0.0194124	0.982328	0.982328	0.799173	1.44769	0.385447	1
cg01901096	STARD10	0.0482079	0.412323	1.12317	1.12317	0.0025833	1.78384	1.78384	0.37186	1.13547	1.13547	0.259797	0.849684	-1.17691	0.249253	0.846308	-1.1816	0.283146	0.856285	-1.16784	0.566332	0.922815	-1.08364	0.697737	1.05557	1.05557	0.0896661	1.29598	1.29598	3.43293	1.04401	0.270126	1
cg03045948	STARD13	0.00183882	0.0030337	0.314328	-3.18074	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503	0.0939257	1.91791	1.91791	0.0525383	0.55455	-1.80315	0.0308576	0.560886	-2.77088	0.144574	0.533135	-1.8757	4.621	11.7388	2.26787	1
cg07499182	STARD13	0.007609	0.000504961	0.0851655	-11.7418	0.048108	0.359323	-2.78301	0.071323	0.40148	-2.49078	0.0574934	0.377803	-2.66488	0.0365195	0.3325	-3.00752	0.198644	0.540386	-1.85053	0.0148032	0.257005	-3.89097	0.0217444	0.287058	-3.48361	0.0021408	0.147344	-6.78684	4.6448	20.9541	2.89006	1
cg12939770	STARD13	0.00817554	0.0250521	0.507144	-1.97128	0.0388994	0.641244	1.56024	0.0116	0.613684	1.63005	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.2515	1.47345	0.014639	0.150313	0.2125019	2.15039	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503
cg22188259	STARD13	0.0174132	0.98003	1.01047	1.01047	0.0004103	0.22561	-4.43561	0.0004103	0.24599	-4.06503	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0005373636	0.105941	-9.43921	0.0176603	0.373316	-2.67868	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503
cg01313422	STARD13	0.0146851	0.113255	0.677387	-1.47626	0.938297	0.982656	-1.01765	0.0303606	0.562571	-1.77755	0.289017	0.775285	-1.2824	0.00194057	0.37125	-2.6936	0.213272	0.753938	-1.32637	0.998856	0.999676	-1.00032	0.336727	0.799439	-1.25088	0.0236794	0.54313	-1.84118	3.62743	2.93426	0.71903	1
cg20915865	STARD13;STARD13	0.0044828	0.0001552	0.19151	-5.22413	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503	0.338742	1.24607	1.24607	0.0001251	0.26776	-3.74285	0.138174	0.5965	-1.67612	0.0225262	0.647129	-1.54529	0.512994	1.28503	1.28503	0.2600112	1.2277	1.2277
cg04895345	STARD13;STARD13	0.00538662	0.00146152	0.3459	-2.89101	0.305339	0.8151	-1.22684	0.823522	0.957889	-1.04396	0.0026498	0.44889	-2.22772	0.00226794	0.439294	-2.27638	0.336972	0.826399	-1.21007	0.224483	0.782103	-1.2786	0.0737856	0.681211	-1.46797	0.0147441	0.560975	-1.78261	1.73926	4.2349	0.522298	1
cg24139390	STARD13;STARD13	0.0285761	0.012126	0.240159	-4.1639	0.17925	1.7171	1.7171	0.15756	0.99256	0.99256	0.213227	0.153777	-1.79286	0.0193443	0.271594	-3.68379	0.1332	0.709411	0.709411	0.337681	-2.96137	0.0556198	0.327681	-3.05175	0.147381	0.317935	2.92965	1
cg08264605	STARD13;STARD13;STARD13	0.00070492	0.0279642	0.730595	-1.36875	0.000103682	0.436086	-2.29312	0.10116	0.804937	-1.24233	0.744861	0.961297	-1.04026	0.374047	1.1661	1.11661	0.15793	0.833184	1.20022	0.0046366	1.94601	0.0343124	0.741956	-1.34779	0.54561	1.30156	5.98254	1.00522	0.205716	1
cg05619586	STARD13;STARD13;STARD13	0.00540162	0.0043394	0.449528	-2.22456	0.0226162	1.77287	1.77287	0.904349	0.975099	-1.02554	0.0969092	0.682355	-1.46551	0.000435475	0.311505	-3.21022	0.94603	1.0141	1.0143	0.881247	1.03185	0.349117	0.816948	-1.22407	0.0559385	0.634956	-1.57491	7.16714	4.99424	0.6194	1
cg10732611	STARD13;STARD13;STARD13	0.0012314	0.1664351	0.799254	-1.25109	0.0126037	1.77158	1.77158	0.0838662	0.964449	-1.03686	0.0348703	0.670074	-1.49217	0.0003414	0.225795	-4.43682	0.1126806	1.21015	1.21015	0.111958	0.826703	1.20974	0.0134306	0.6254	-1.59907	0.0063955	0.40484	-2.47044	0.815954	0.944091	1.08681	0.920068	0.843019	0.58758	0.139434	1
cg17181336	STARD13;STARD13;STARD13	0.0216503	0.0070916	0.143166	1.43166	0.0218447	0.611186	-1.63083	0.0169363	0.595879	-1.67819	0.071629	0.698896	-1.43083	0.0324335	0.12001	8.33018	0.2331	1.24885	1.24885	0.0242807	1.61167	0.657716	0.14386	1.14386	0.612547	0.913225	1.47952	0.47902	2.29108	0.444748	1
cg12988946	STARD13;STARD13;STARD13	0.0232534	0.253037	1.38372	1.38372	0.0344569	1.95617	1.95617	0.0492469	1.84155	1.84155	0.859201	0.952843	-1.04949	0.660521	1.12776	1.12776	0.0034712	2.94235	2.94235	0.00319571	2.98937	2.98937	0.0533685	1.81672	1.81672	0.178767	1.47492	1.47492	4.46794	3.23713	1.04092	1
cg24483576	STARD3;PPP1R18;PPP1R18;STARD3;ST	0.0158844	0.384698	0.761371	-1.31342	0.0411136	2.05623	2.05623	0.372888	1.32291	1.32291	0.534074	0.824781	-1.21244	0.0894985	0.361654	-2.76507	0.0425429	0.480495	-2.04292	0.0109122	0.376275	-2.65763	0.0310724	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20654082	STAT4	0.000100622	0.0017963	0.346895	-2.88271	2.84E-05	0.140687	-7.10796	0.0234192	0.524403	-1.90693	0.000133809	0.20643	-4.84425	0.000166198	0.216732	-4.61399	0.00117921	0.321631	-3.10916	0.000181772	0.221066	-4.52353	0.0215272	0.517817	-1.93118	5.86E-05	0.169682	-5.89339	22.1039	19.8923	0.799951	1
cg25428612	STAT4	0.00295283	0.909633	1.02791	1.02791	0.000936053	3.31023	3.31023	0.96346	0.988956	-1.01117	0.123217	1.49899	1.49899	0.00295728	0.371916	-2.68878	0.318995	0.779066	-1.28359	0.00211192	0.350695	-2.85148	0.200122	0.720296	-1.38832	0.224102	0.733747	-1.36287	8.5985	8.00266	0.827293	1
cg04285318	STAT4	0.0147923	0.000813658	0.439707	-2.27424	0.0100029	0.589042	-1.69767	0.0478879	0.692036	-1.44501	0.707721	0.940544	-1.06321	0.143078	0.774034	-1.29193	0.80535	1.041	1.041	0.272299	0.8303	-1.20438	0.940757	0.987976	-1.01217	0.0121988	0.601529	-1.66243	5.20462	2.18335	0.372891	1
cg07619170	STAT4	0.0250577	0.0204974	0.503012	-1.98802	0.182741	0.706101	-1.41623	0.0211512	0.505471	-1.97835	0.935862	1.02001	1.02001	0.00429017	0.390578	-2.56031	0.0959291	0.637596	-1.56839	0.00665967	0.420389	-2.37875	0.639789	0.890465	-1.12301	0.0630698	0.597744	-1.67296	4.35374	4.17703	0.852811	1
cg01004382	STAT4	0.034863	0.45799	1.26658	1.26658	0.143935	1.63381	1.63381	0.403715	0.765534	-1.30628	0.40971	1.30165	1.30165	0.466833	1.26053	1.26053	0.196276	1.53306	1.53306	0.0023454	3.77268	3.77268	0.00888622	2.83239	2.83239	0.0588843	1.94862	1.94862	3.87262	5.99698	1.3765	1
cg22356198	STAT4;STAT4	0.00388467	0.241833	0.72847	-1.37274	0.0136949	2.19982	2.19982	0.764198	1.08091	1.08091	0.0372386	1.86888	1.86888	0.554277	0.856677	-1.1673	0.0247781	1.99595	1.99595	0.000135558	5.5207	5.5207	0.43009	1.23156	1.23156	0.30917	0.761721	-1.31282	7.92199	8.39088	0.941502	1
cg18155840	STAT4;STAT4	0.00762128	0.409074	0.824	-1.21359	0.00125453	2.9453	2.9453	0.945983	1.01566	1.01566	0.11006	1.49084	1.49084	0.357704	1.24218	1.24218	0.0621179	1.61858	1.61858	0.00051548	3.46439	3.46439	0.305372	1.27551	1.27551	0.950271	0.985801	-1.0144	6.44154	5.3632	0.740085	1
cg20195812	STAT4;STAT4	0.0108049	0.158797	0.719154	-1.39052	0.000226543	3.82641	3.82641	0.12728	1.43471	1.43471	0.147317	1.40545	1.40545	0.765052	1.0678	1.0678	0.0919431	1.50094	1.50094	0.151891	1.39936	1.39936	0.769533	0.937717	-1.06642	0.936505	1.01759	1.01759	5.76565	4.37505	0.6745	1
cg23609905	STAT4;STAT4	0.0232138	0.769587	1.08133	1.08133	0.000707164	3.95044	3.95044	0.640255	1.13349	1.13349	0.569042	1.16558	1.16558	0.927998	0.976227	-1.02435	0.558286	1.17069	1.17069	0.00600907	2.6004	2.6004	0.199174	1.43497	1.43497	0.650567	1.12907	1.12907	4.47057	5.01762	0.997659	1
cg14042635	STAT5A	0.00300238	0.0928802	1.46819	1.46819	0.177563	1.34666	1.34666	0.209925	1.31581	1.31581	0.593495	1.11841	1.11841	0.00762936	2.0391	2.0391	0.0158296	1.84773	1.84773	7.85E-05	4.40829	4.40829	0.00399929	2.23332	2.23332	0.0411229	1.63144	1.63144	8.55614	5.84647	0.607384	1
cg16777510	STAT5A	0.00317344	0.134414	0.69534	-1.43815	0.856995	0.960207	-1.04144	0.0169029	0.518928	-1.92705	0.0380688	0.58201	-1.71818	0.0869459	0.653414	-1.53042	0.717885	1.0851	1.0851	0.063288	1.60028	1.60028	8.70E-05	0.205015	-4.8777	0.177984	0.724542	-1.38018	8.41632	6.75497	0.713426	1
cg24950402	STAT5A	0.0185736	0.784583	1.08071	1.08071	0.64977	0.878539	-1.13825	0.494088	0.82143	-1.21739	0.513781	0.828968	-1.20632	0.000231173	0.177024	-5.64895	0.200331	0.681684	-1.46696	0.0857437	0.583944	-1.71249	0.547648	0.841677	-1.1881	0.311436	0.74331	-1.34533	4.8239	6.13043	1.12964	1
cg00690082	STAT5A	0.0243056	0.0143203	0.48824	-2.04817	0.357763	0.798895	-1.25173	0.00236091	0.365323	-2.7373	0.0445203	0.57826	-1.72933	0.0175618	0.503565	-1.98584	0.060573	0.605118	-1.65257	0.887091	1.0343	1.0343	0.920957	0.976712	-1.02384	0.0599644	0.604217	-1.65503	4.40006	3.92774	0.793471	1
cg05117208	STAT5A	0.0270655	0.515939	0.871819	-1.14703	0.00358674	0.439825	-2.27363	0.798494	1.05472	1.05472	0.2345	0.771421	-1.29631	0.673503	0.915528	-1.09227	0.0593304	1.55788	1.55788	0.263527	1.27473	1.27473	0.103951	1.44809	1.44809	0.0347922	0.599065	-1.66927	4.23806	2.911	0.610552	1
cg00899483	STAT5A	0.0420357	0.0705825	1.25263	1.25263	0.0662299	1.25818	1.25818	0.197639	1.16393	1.16393	0.0884772	1.23306	1.23306	0.507458	1.07784	1.07784	0.0928036	1.22894	1.22894	0.288815	1.13059	1.13059	0.589915	1.06253	1.06253	0.00109519	1.71053	1.71053	3.61618	0.711651	0.17493	1
cg17478203	STAT5A	0.0422178	0.0574947	0.630756	-1.5854	0.117036	0.694034	-1.44085	0.029644	0.577412	-1.73187	0.0415466	0.60404	-1.65552	0.00441321	0.442557	-2.2596	0.0497833	0.618769	-1.61611	0.505262	0.86501	-1.15606	0.640726	0.904094	-1.10608	0.0264419	0.568625	-1.75863	3.61039	2.63115	0.647795	1
cg15774391	STAT5A;STAT5A	0.00610608	0.00813655	0.254226	-3.93351	0.0283732	0.351304	-2.84654	0.000534833	0.113211	-8.8331	0.0702317	0.441239	-2.26635	0.0427209	0.38943	-2.56786	0.0365425	0.37444	-2.67066	0.00748001	0.24856	-4.02318	0.00315404	0.195724	-5.10923	0.0591405	0.422563	-2.36651	6.9017	17.8648	2.30086	1
cg20641095	STAT5B	0.00309682	0.00148933	3.74164	3.74164	0.214054	1.45761	1.45761	0.0290758	2.09783	2.09783	0.926466	0.973762	-1.02694	0.938577	0.978047	-1.02245	0.385919	0.774131	-1.29177	0.792678	0.926937	-1.07882	0.000122044	6.90213	6.90213	0.133064	1.59483	1.59483	8.47775	11.1389	1.16791	1
cg14006376	STAT5B	0.00624136	0.780684	0.94709	-1.05587	0.150223	0.740542	-1.35036	0.0388244	0.627569	-1.59345	0.157453	1.34235	1.34235	0.0148704	1.79222	1.79222	0.000510037	2.87821	2.87821	0.441524	0.858261	-1.16515	0.497978	0.874597	-1.14338	0.137375	0.732254	-1.36565	6.85509	4.11817	0.533998	1
cg18810026	STAT5B	0.00812838	0.124645	0.722786	-1.38354	0.0336526	1.62338	1.62338	0.0161739	1.77629	1.77629	0.147177	0.738033	-1.35495	0.0526681	0.650408	-1.5375	0.663626	0.918096	-1.08921	0.00211026	0.4299	-2.32612	0.0221988	0.585454	-1.70808	0.454255	0.861693	-1.16051	6.31243	3.8124	0.536846	1
cg07402310	STAT5B	0.0317998	0.0353795	0.228005	-4.38587	0.327209	0.543176	-1.84103	0.419143	0.607666	-1.64564	0.192932	0.435419	-2.29664	0.0128557	0.15503	-6.45035	0.0678121	0.291008	-3.43633	0.00261847	0.0809058	-12.3601	0.593081	0.722176	-1.3847	0.0181635	0.177136	-5.64537	4.00285	23.0842	5.12616	1
cg24158452	STAT5B	0.0397712	0.805512	0.954714	-1.04743	0.167558	0.758548	-1.31831	0.449425	0.865199	-1.1558	0.582629	0.900988	-1.10989	0.129541	0.735156	-1.36026	0.173263	0.761689	-1.31287	0.000646652	0.374158	-2.67267	0.130656	0.735915	-1.35885	0.323615	0.825708	-1.21108	3.69092	2.06296	0.496824	1
cg06210147	STAT5B;STAT5B	0.00256562	0.0134358	1.45533	1.45533	0.584555	0.934554	-1.07003	0.0561671	0.767093	-1.30362	0.782998	1.03442	1.03442	0.57404	0.932741	-1.07211	0.232534	1.16588	1.16588	0.000138337	0.44595	-2.24241	0.0842182	0.79121	-1.26389	0.00911146	0.666204	-1.50104	8.96339	2.1335	0.211577	1
cg03848267	STAT6	0.00763369	0.000116865	0.34078	-2.93444	0.794086	0.959135	-1.04261	0.192832	1.24587	1.24587	0.954428	0.990926	-1.00916	0.465927	1.12564	1.12564	0.691229	1.06575	1.06575	0.189645	0.801231	-1.24808	0.676057	0.935167	-1.06933	0.508121	1.11303	1.11303	6.43825	2.59436	0.358188	1
cg14062067	STAT6	0.0190546	0.0304902	0.715637	-1.39736	0.0475311	0.742122	-1.34749	0.0348123	0.723461	-1.38224	0.0771753	0.77216	-1.29507	0.00403966	0.601638	-1.66213	0.0427364	0.735702	-1.35925	0.098076	1.2697	1.2697	0.457186	1.10476	1.10476	0.904075	0.984261	-1.01599	4.78241	1.31149	0.243761	1
cg25157914	STAT6	0.0432473	0.144439	0.5491	-1.82116	0.00167543	0.179401	-5.57412	0.0341051	0.388454	-2.57431	0.360366	0.697971	-1.43272	0.796783	1.10371	1.10371	0.0975404	0.498973	-2.00412	0.28791	0.655796	-1.52487	0.062171	0.448025	-2.23202	0.143799	0.548498	-1.82316	3.57821	8.2865	2.05851	1
cg10438564	STATH;STATH	0.000682677	0.00321535	0.290441	-3.44304	0.0013193	0.237681	-4.20732	0.000206257	0.147902	-6.76125	0.0124684	0.384449	-2.60113	0.00570073	0.327992	-3.04886	0.00377282	0.300626	-3.32639	0.0141141	0.393994	-2.53811	0.477269	0.800763	-1.24881	9.52E-05	0.118028	-8.47256	13.1026	19.6193	1.33099	1
cg17796348	STATH;STATH	0.00213268	6.52E-05	0.0742133	-13.4747	0.124492	0.554289	-1.80411	0.00165262	0.20237	-4.94144	0.125498	0.555302	-1.80082	0.37725	0.725109	-1.3791	0.0286761	0.400255	-2.49841	0.573674	1.22347	1.22347	0.805616	0.916245	-1.09141	0.0104661	0.318788	-3.13688	9.46289	18.863	1.77188	1
cg25030018	STATH;STATH	0.0271244	0.00145998	0.104034	-9.6122	0.0424909	0.316565	-3.15891	0.0145715	0.227315	-4.39918	0.0524484	0.337612	-2.96198	0.846084	1.10042	1.10042	0.352352	0.624239	-1.60195	0.902271	0.941308	-1.06235	0.705976	0.829765	-1.20516	0.0839315	0.389989	-2.56417	4.23483	16.2595	3.41287	1
cg24027572	STAU1;STAU1;STAU1;STAU1;STAU1	0.0123212	0.0699414	0.796328	-1.25576	0.000989484	0.576901	-1.7334	0.0351982	0.759033	-1.31747	0.798525	0.971662	-1.02916	0.523362	0.92989	-1.0754	0.972548	0.99614	-1.00387	0.00242765	0.622234	-1.60711	0.516397	1.07675	1.07675	0.95967	0.994333	-1.0057	5.52589	1.10546	0.177823	1
cg23498922	STAU1;STAU1;STAU1;STAU1;STAU1	0.014277	0.0431237	0.465654	-2.14752	0.0335309	0.442327	-2.26077	0.091014	0.542547	-1.84316	0.155202	0.60676	-1.6481	0.00724594	0.320466	-3.12045	0.0430034	0.465389	-2.14874	0.000653022	0.179736	-5.5637	0.654379	0.86242	-1.15953	0.0859841	0.536225	-1.86489	5.26584	8.9978	1.51886	1
cg02733918	STAU1;STAU1;STAU1;STAU1;STAU1	0.0148188	0.00337135	0.328016	-3.04863	0.669035	0.886735	-1.12773	0.734264	0.909149	-1.09993	0.20532	0.688296	-1.45286	0.0515145	0.538152	-1.85821	0.00475956	0.350704	-2.85141	0.00904403	0.395537	-2.52821	0.816784	1.06703	1.06703	0.0107406	0.408159	-2.45003	5.20156	6.43755	1.10011	1
cg09722420	STAU1;STAU1;STAU1;STAU1;STAU1	0.0210636	0.164965	0.582375	-1.71711	0.0679156	0.474125	-2.10915	0.247373	0.643113	-1.55494	0.68665	1.15953	1.15953	0.00105271	0.170535	-5.8639	0.0374484	0.414244	-2.41404	0.27375	0.659883	-1.51542	0.00731553	0.283035	-3.53313	0.304768	0.678485	-1.47387	4.62225	9.75207	1.87539	1
cg07334509	STAU2;STAU2;STAU2;STAU2	4.97E-05	0.00423778	1.71534	1.71534	0.00380198	1.73364	1.73364	0.509348	0.909963	-1.09895	0.124403	1.26429	1.26429	0.139856	0.799383	-1.25096	0.970934	1.00515	1.00515	1.12E-06	5.96229	5.96229	0.000150862	2.5017	2.5017	0.00366847	1.73974	1.73974	26.666	8.39125	0.279715	1
cg15310349	STAU2;STAU2;STAU2;STAU2	0.000897854	0.801362	0.960634	-1.04098	0.764136	1.04911	1.04911	0.724862	0.945257	-1.05791	2.28E-05	0.25893	-3.86205	0.902254	0.980616	-1.01977	0.93645	1.01279	1.01279	0.00318857	1.89939	1.89939	0.0751481	1.37121	1.37121	0.63023	1.08034	1.08034	12.1309	4.87637	0.357316	1
cg16017979	STAU2;STAU2;STAU2;STAU2	0.00102937	0.00360381	0.260654	-3.83651	0.0186141	0.377819	-2.64677	0.00163936	0.214694	-4.65779	0.0545536	0.475157	-2.10457	0.0017933	0.219634	-4.55303	0.0332108	0.427695	-2.33811	0.000108423	0.0975386	-10.2524	0.0646607	2.03005	2.03005	0.463831	0.775385	-1.28968	11.6703	21.5161	1.63881	1
cg21585977	STAU2;STAU2;STAU2;STAU2	0.0011585	0.697204	0.918517	-1.08871	0.00289301	2.43587	2.43587	0.0554091	0.62377	-1.60316	0.0627015	1.5766	1.5766	0.830478	1.04771	1.04771	0.129223	0.700226	-1.42811	0.00650097	0.463545	-2.15729	0.000213732	3.83468	3.83468	?	?	?	11.5503	7.68315	0.665193	1
cg09334558	STAU2;STAU2;STAU2;STAU2	0.00225604	0.968853	0.994967	-1.00506	0.00122609	1.8424	1.8424	0.00267026	0.584701	-1.71028	0.942228	1.00941	1.00941	0.634005	1.06394	1.06394	0.0202606	1.43579	1.43579	0.155884	1.21676	1.21676	0.00155814	0.555648	-1.7997	0.675079	0.946978	-1.05599	9.30849	2.46179	0.235082	1
cg03564204	STAU2;STAU2;STAU2;STAU2	0.00908157	0.532318	1.13275	1.13275	0.741376	0.936818	-1.06744	0.975874	1.00598	1.00598	0.4363	0.85513	-1.16941	0.00539244	0.48584	-2.05829	0.202944	1.30325	1.30325	0.0009262	2.6504	2.6504	0.0371943	1.6107	1.6107	0.476854	0.867153	-1.1532	6.09489	3.74861	0.546703	1
cg24788090	STAU2;STAU2;STAU2;STAU2	0.0223868	0.99445	0.99776	-1.00225	0.00698713	3.08008	3.08008	0.132653	0.592627	-1.6874	0.643194	1.16232	1.16232	0.00424164	0.29107	-3.4356	0.956366	0.982512	-1.0178	0.048477	0.483412	-2.06863	0.735796	1.11539	1.11539	0.460376	0.78478	-1.27424	4.52677	7.45421	1.46373	1
cg13519900	STAU2;STAU2;STAU2;STAU2	0.026548	0.0733979	0.585669	-1.70745	0.556671	1.17271	1.17271	0.0678639	0.578048	-1.72996	0.480787	0.825254	-1.21175	0.00113113	0.276959	-3.61064	0.161062	0.669537	-1.49357	0.0295347	0.503208	-1.98725	0.62582	1.14076	1.14076	0.922391	1.02646	1.02646	4.26683	4.85349	1.0111	1
cg25440932	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.000189743	0.858359	0.989438	-1.01068	0.00744705	0.814764	-1.22735	0.42692	0.952925	-1.0494	0.00204034	1.2949	1.2949	0.0241739	0.852333	-1.17325	0.00571793	1.24034	1.24034	4.19E-05	1.58964	1.58964	0.00501833	0.801993	-1.24689	0.00163629	1.30751	1.30751	18.6352	1.04283	0.0497423	1
cg14195684	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.000430295	?	?	?	0.00830613	2.83395	2.83395	0.0180416	2.42752	2.42752	0.680939	0.880166	-1.13615	0.000484831	0.18473	-5.41331	0.0669747	0.530493	-1.88504	0.0132489	0.387608	-2.57993	0.000189944	6.97455	6.97455	0.449603	1.26854	1.26854	15.2623	20.4798	1.34186	1
cg18993626	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.000526567	0.167099	1.18573	1.18573	0.000108234	0.454186	-2.20174	0.922519	0.988811	-1.01132	0.858826	1.02081	1.02081	0.390515	1.10713	1.10713	0.240365	0.867462	-1.15279	5.63E-05	2.37645	2.37645	0.55613	1.07129	1.07129	0.608675	1.06155	1.06155	14.0866	2.98481	0.188347	1
cg21668391	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.00475135	0.985401	0.995047	-1.00498	0.010836	0.419623	-2.38309	0.0727041	0.580782	-1.72182	0.836547	0.945478	-1.05767	0.000104895	0.155656	-6.42444	0.946717	0.982025	-1.0183	0.148553	1.52275	1.52275	0.469014	0.818789	-1.22132	0.227812	0.709241	-1.40996	7.45359	8.69436	1.03686	1
cg08185095	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.00519345	0.0557952	0.390948	-2.55788	0.341626	0.653976	-1.52911	0.0212911	0.30131	-3.31885	0.828666	1.09849	1.09849	0.000390413	0.0862823	-11.5899	0.343024	1.52712	1.52712	0.756427	0.873848	-1.14436	0.01646	3.56189	3.56189	0.0351317	0.345162	-2.89719	7.25395	21.5806	2.64446	1
cg16506290	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.00524303	0.26094	1.35011	1.35011	0.00812349	0.419951	-2.38123	0.00197649	0.326568	-3.06215	0.184787	0.697595	-1.4335	0.00672241	0.406631	-2.45923	0.484941	0.833851	-1.19925	0.0167862	2.11111	2.11111	?	?	?	0.41899	0.809428	-1.23544	7.3873	6.81735	0.922847	1
cg00085416	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.0464486	0.157792	2.30799	2.30799	0.016127	5.10543	5.10543	0.013708	5.40806	5.40806	0.320689	1.7651	1.7651	0.0500986	3.44546	3.44546	0.0314621	4.04403	4.04403	0.0389856	3.75587	3.75587	0.0197519	4.7542	4.7542	0.120177	2.54351	2.54351	3.48386	16.9211	4.31734	1
cg00475645	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.0325569	?	?	?	?	?	?	0.99	1.00531	1.00531	?	?	?	0.541203	0.769552	-1.29946	0.00559795	0.200404	-4.98991	?	?	?	?	?	?	?	?	?	5.26632	4.86322	2.15474	1
cg04004861	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.000252102	0.0866043	0.907819	-1.10154	0.000378283	1.33672	1.33672	3.28E-05	1.5102	1.5102	0.565194	1.03015	1.03015	0.0288952	1.14068	1.14068	0.0272747	1.14279	1.14279	0.000756488	0.770347	-1.29812	0.273876	1.0599	1.0599	0.266379	1.06095	1.06095	17.2506	0.713228	0.0367513	1
cg02584520	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.0383989	0.774359	1.07721	1.07721	0.89689	1.03412	1.03412	0.253933	1.36107	1.36107	0.70671	0.90682	-1.10276	0.237498	1.37741	1.37741	0.0418654	0.545057	-1.83467	0.00148952	0.305624	-3.27199	0.855189	0.953828	-1.04841	0.828957	0.945555	-1.05758	3.73882	3.96467	0.942585	1
cg17010112	STBD1	0.0133555	0.00120687	0.294309	-3.39779	0.0602787	0.578873	-1.72749	0.0107449	0.437377	-2.28636	0.149038	0.670841	-1.49067	0.149324	0.671055	-1.49019	0.857617	1.04742	1.04742	0.00789624	0.415152	-2.40876	0.0164874	0.469592	-2.12951	0.761135	0.924353	-1.08184	5.38245	5.67407	0.937049	1
cg02131049	STBD1	0.021329	0.7072	0.860087	-1.16267	0.960055	1.02021	1.02021	0.000836371	0.134282	-7.44699	0.445941	0.733203	-1.36388	?	?	?	0.56847	0.794344	-1.2589	0.25073	1.61507	1.61507	0.151269	1.84824	1.84824	0.189847	1.74133	1.74133	4.68518	10.5233	2.24608	1
cg25440680	STBD1	0.0464039	0.0868076	0.682836	-1.46448	0.251649	0.785395	-1.27325	0.0679602	0.662092	-1.51036	0.0607026	0.652772	-1.53193	0.984355	0.996053	-1.00396	0.63976	1.09975	1.09975	0.0111942	1.89871	1.89871	0.486799	1.15318	1.15318	0.0991389	0.694441	-1.44001	3.48512	2.24574	0.572783	1
cg16688533	STC1	1.71E-05	0.00576535	0.554818	-1.80239	0.0623377	0.710608	-1.40725	2.61E-06	0.157982	-6.32985	0.00426504	0.536525	-1.86385	0.0128548	0.604688	-1.65374	0.0626275	0.710942	-1.40658	1.29E-05	0.225042	-4.44361	3.15E-06	0.165275	-6.05051	0.295344	1.19329	1.19329	35.2622	14.808	0.373281	1
cg25195334	STC1	0.00066278	0.00198259	0.326991	-3.05818	0.00424752	0.375646	-2.66208	0.0131335	0.455248	-2.19661	0.0260423	0.508741	-1.96564	0.000452547	0.243059	-4.11422	0.015566	0.468114	-2.13623	0.000122763	0.18002	-5.55495	0.000327005	0.226387	-4.41721	0.00273393	0.347048	-2.88145	13.2115	13.6987	0.921665	1
cg20272884	STC1	0.00131943	0.759258	0.896034	-1.11603	0.00189724	0.207673	-4.81525	0.00197518	0.209881	-4.76462	0.00863554	0.302455	-3.30628	0.000519811	0.144724	-6.90972	0.0157729	0.347688	-2.87614	0.00114747	0.181412	-5.51232	0.000621398	0.152514	-6.55677	0.0399552	0.428287	-2.33489	10.8728	21.9635	1.7956	1
cg04645534	STC1	0.00309869	0.0182003	0.432679	-2.31118	0.000352075	0.186789	-5.35364	0.0254278	0.46017	-2.17311	0.970328	1.01093	1.01093	0.00913544	0.379998	-2.63159	0.0491025	0.518727	-1.9278	0.000905753	0.234473	-4.26489	0.00540085	0.342981	-2.91561	0.304929	0.73313	-1.36401	8.47623	11.4621	1.20201	1
cg19878194	STC2	2.28E-07	7.27E-07	0.544963	-1.83499	9.69E-07	1.79468	1.79468	0.000450629	0.77822	-1.28498	8.72E-07	0.552733	-1.80919	2.93E-07	0.505234	-1.97928	0.557056	1.02729	1.02729	4.23E-05	1.42339	1.42339	0.0215598	0.882402	-1.13327	0.000250136	0.76043	-1.31505	106.843	3.47698	0.0289271	1
cg19773855	STC2	0.000153687	0.187772	0.861452	-1.16083	0.168907	1.16953	1.16953	0.00383541	1.51648	1.51648	0.759228	0.967689	-1.03339	0.566866	1.0638	1.0638	0.535559	1.06933	1.06933	4.90E-06	0.328173	-3.04717	0.0151702	0.727094	-1.37534	0.00515085	1.48394	1.48394	19.7273	3.56632	0.160694	1
cg10625081	STC2	0.000202824	0.00084486	0.33514	-2.98383	0.0578073	0.626736	-1.59557	9.11E-05	0.217992	-4.58732	0.0560047	0.624054	-1.60242	0.000147954	0.241464	-4.1414	0.000194171	0.255131	-3.91955	0.00137083	0.363652	-2.74988	0.625726	0.898459	-1.11302	0.000116368	0.229693	-4.35364	18.3015	13.7533	0.667989	1
cg06439005	STC2	0.000683932	0.0253235	0.806838	-1.23941	0.174571	1.12364	1.12364	0.000128112	1.71201	1.71201	0.897795	0.98968	-1.01043	0.95378	1.00469	1.00469	0.00905486	0.765076	-1.30706	0.743169	0.973807	-1.0269	0.0119575	1.28808	1.28808	0.000420932	1.57017	1.57017	13.0959	1.35159	0.0917397	1
cg01010188	STC2	0.00123792	0.0191905	0.570704	-1.75222	0.0262324	0.593372	-1.68528	0.00500312	0.4794	-2.08594	0.0106257	0.529443	-1.88878	0.00404444	0.465714	-2.14724	0.00508598	2.08132	2.08132	0.00024421	0.301133	-3.32079	0.0931476	0.693763	-1.44141	0.0499136	0.642338	-1.55681	11.073	6.87167	0.551628	1
cg25592413	STC2	0.00214511	0.000982037	0.117757	-8.49203	0.109464	0.466827	-2.14212	0.0049977	0.197571	-5.06148	0.0254367	0.313669	-3.18807	0.00416248	0.187025	-5.34688	0.556879	0.771538	-1.29611	0.000171458	0.0615749	-16.2404	0.217168	0.56734	-1.76261	0.00772429	0.224514	-4.45406	9.44682	28.51	2.68262	1
cg19728382	STC2	0.00506682	0.000831501	0.208358	-4.79942	0.300369	0.715653	-1.39733	0.193183	0.650979	-1.53615	0.020905	0.420431	-2.37851	0.000571016	0.189553	-5.27557	0.0595513	0.515342	-1.94046	0.00527424	0.317689	-3.14773	0.304566	0.717873	-1.393	0.0273327	0.443096	-2.25685	7.3089	11.25	1.36819	1
cg13329346	STC2	0.00566398	0.00246196	0.146122	-6.8436	0.05845	0.376638	-2.65507	0.104672	0.444875	-2.24782	0.0397715	0.337671	-2.96146	0.00101065	0.107766	-9.27936	0.0088277	0.218143	-4.58414	0.00369781	0.166696	-5.99893	0.0451073	0.349949	-2.85756	0.00765762	0.208983	-4.78508	7.06349	23.3338	2.93639	1
cg11457817	STC2	0.00600555	0.00599669	0.775493	-1.2895	0.970275	1.00264	1.00264	0.00720197	1.27835	1.27835	0.105754	1.13326	1.13326	0.195976	0.907728	-1.10165	0.0991045	1.13656	1.13656	0.227514	1.09383	1.09383	0.205047	0.909677	-1.09929	0.00219545	1.3553	1.3553	6.93718	0.550697	0.0705631	1
ch.5.3304132F	STC2	0.0152123	0.00553115	0.299939	-3.33401	0.00367281	0.273298	-3.65901	0.711026	0.884347	-1.13078	0.0151622	0.373315	-2.6787	0.00609884	0.30655	-3.26212	0.563798	0.824702	-1.21256	0.0188934	0.390979	-2.55768	0.231029	0.66037	-1.5143	0.114115	0.566851	-1.76413	5.15666	8.90888	1.53568	1
cg26721877	STC2	0.0179421	0.0210199	0.174567	-5.72847	0.385854	1.74887	1.74887	0.0777993	3.42931	3.42931	0.0319959	0.206004	-4.85428	0.00564161	0.10187	-9.8164	0.596222	0.714462	-1.39965	0.0943993	0.314709	-3.17754	0.073133	3.51361	3.51361	0.921617	0.939991	-1.06384	4.88042	30.5591	5.56585	1
cg16443866	STC2	0.0403415	0.0408464	0.0462846	-21.6055	0.975645	1.04054	1.04054	0.0105937	65.6633	65.6633	0.0101627	0.0147019	-68.0185	0.178186	0.155321	-6.4383	0.950683	0.92264	-1.08385	0.884193	1.20892	1.20892	0.754968	1.50312	1.50312	0.983043	0.972714	-1.02805	3.67162	98.538	23.8558	1
cg18281743	STC2;STC2	0.00123191	0.0222903	1.20882	1.20882	0.393053	1.06245	1.06245	0.000364645	0.673369	-1.48507	0.0201683	0.823651	-1.21411	0.0730139	0.87071	-1.14849	0.000140955	0.634538	-1.57595	0.819243	0.984277	-1.01597	0.539448	0.957896	-1.04395	0.263304	0.922431	-1.08409	11.0884	0.841879	0.0674884	1
cg18335607	STC2;STC2	0.0322017	0.357373	1.10697	1.10697	0.329703	1.11404	1.11404	0.284858	1.12667	1.12667	0.0829531	0.813735	-1.2289	0.843022	0.978938	-1.02152	0.526519	1.07133	1.07133	0.00195153	0.624818	-1.60047	0.171988	0.855474	-1.16894	0.167034	1.17135	1.17135	3.98491	0.727507	0.162281	1
cg19673350	STC2;STC2	0.0494649	0.686747	0.959813	-1.04187	0.00859945	1.40361	1.40361	0.383469	1.09463	1.09463	0.868658	0.983395	-1.01689	0.237263	1.13346	1.13346	0.365712	1.09859	1.09859	0.154637	0.857155	-1.16665	0.032838	0.776799	-1.28733	0.0908099	1.20743	1.20743	3.40201	0.551538	0.144108	1
cg24286372	STEAP1	7.14E-05	0.191293	1.20228	1.20228	0.0262043	0.703869	-1.42072	0.000337817	0.463351	-2.15819	0.000127359	0.411648	-2.42926	4.74E-05	0.360301	-2.77546	0.000430562	0.476333	-2.09937	6.27E-05	0.374739	-2.66852	7.48E-05	0.383893	-2.60489	0.52234	0.917288	-1.09017	24.2177	6.7998	0.24958	1
cg15089950	STEAP1	0.000435433	0.0668098	0.593789	-1.6841	0.0630781	1.69994	1.69994	0.0263086	0.509397	-1.96311	0.0156866	0.466569	-2.14331	6.37E-05	0.130862	-7.64163	0.00264318	0.335093	-2.98425	0.000252546	0.194852	-5.1321	0.000204651	0.184169	-5.4298	0.121601	0.654814	-1.52715	18.5545	17.8572	0.748546	1
cg24854914	STEAP1	0.000640685	0.00213404	0.342716	-2.91787	0.105814	0.645047	-1.55028	0.0034582	0.37337	-2.67831	0.975733	1.00758	1.00758	9.43E-05	0.177793	-5.62451	0.653916	1.11851	1.11851	9.53E-05	0.178259	-5.60981	0.0507284	0.575532	-1.73752	0.0311908	0.533919	-1.87294	13.3373	13.0101	0.867081	1
cg19317433	STEAP1	0.000747209	0.0260716	0.503889	-1.98456	0.0298339	0.515038	-1.94161	0.0489904	0.55798	-1.79218	0.0116471	0.441132	-2.2669	0.000420727	0.234368	-4.26679	0.00524425	0.384524	-2.60062	0.000205126	0.198953	-5.0263	8.85E-05	0.161592	-6.18843	0.0281105	0.510091	-1.96043	12.7749	13.6315	0.948493	1
cg05504125	STEAP1	0.00112787	0.189204	0.64853	-1.54195	0.607765	0.85113	-1.17491	0.568622	1.1965	1.1965	1.01E-05	0.0524204	-19.0765	0.105857	0.57697	-1.73319	0.15661	0.6239	-1.60282	0.163203	0.62915	-1.58945	0.783336	0.917759	-1.08961	0.0581692	0.513436	-1.94766	11.371	17.4582	1.36474	1
cg27055759	STEAP1	0.00348455	0.116244	0.538932	-1.85552	0.142472	0.564992	-1.76994	0.0273449	0.388505	-2.57397	0.0855634	0.502472	-1.99016	0.00124046	0.180997	-5.52495	0.0026036	0.220795	-4.52909	0.000495566	0.138843	-7.20238	0.0155407	0.341403	-2.92909	0.00410354	0.247977	-4.03263	8.18464	17.0002	1.8463	1
cg19532731	STEAP1	0.00386287	0.00154768	0.294418	-3.39654	0.0258837	0.491417	-2.03493	0.213576	0.703434	-1.4216	0.029679	0.502845	-1.98869	0.00498724	0.368542	-2.7134	0.0156047	0.45096	-2.21749	0.000776763	0.255141	-3.91941	0.00202715	0.310661	-3.21894	0.0451083	0.539291	-1.85429	7.93542	9.067	1.01564	1
cg10522785	STEAP1	0.0193431	0.0413532	0.67978	-1.47106	0.285939	1.19937	1.19937	0.977708	1.00459	1.00459	0.101309	1.3422	1.3422	0.0572465	0.702679	-1.42313	0.158187	1.2808	1.2808	0.00223493	2.01841	2.01841	0.35492	0.855462	-1.16896	0.306099	1.18985	1.18985	4.75816	2.02788	0.378836	1
cg20895785	STEAP2;STEAP2	0.00109669	0.369151	0.914891	-1.09303	0.660721	1.04352	1.04352	0.310268	1.10656	1.10656	0.000686763	0.606547	-1.64868	0.000494528	0.59099	-1.69208	0.0334983	0.786978	-1.27068	0.779316	1.02746	1.02746	0.782055	0.97361	-1.02711	0.000836404	1.62379	1.62379	11.4621	1.68836	0.130933	1
cg14884160	STEAP2;STEAP2	0.00326243	0.00900609	0.431379	-2.31815	0.28131	0.753139	-1.32778	0.0547005	0.575933	-1.73631	0.0486121	1.76883	1.76883	0.00105829	0.293471	-3.40749	0.159852	1.46265	1.46265	0.271494	0.748388	-1.3362	0.00108427	0.29487	-3.39132	0.491015	1.19376	1.19376	8.34725	8.47465	0.902456	1
cg23296922	STEAP2;STEAP2;STEAP2	0.0146761	0.913113	1.02037	1.02037	0.0491887	0.660417	-1.51419	0.0134671	0.568179	-1.76001	0.353383	1.19297	1.19297	0.00176578	0.439087	-2.27745	0.174668	0.765841	-1.30575	0.0647297	1.4672	1.4672	0.101203	0.717738	-1.39327	0.183851	0.770645	-1.29761	5.21819	2.82193	0.4807	1
cg06112923	STEAP2;STEAP2;STEAP2	0.0241086	0.0146394	0.380567	-2.62766	0.00423382	0.292107	-3.4234	0.0326063	0.447628	-2.234	0.0623244	0.509474	-1.96281	0.0224509	0.415246	-2.40821	0.079776	0.535313	-1.86807	0.0180249	0.397136	-2.51803	0.823654	0.930775	-1.07437	0.0427119	0.472453	-2.11661	4.41249	7.21938	1.45433	1
cg08646355	STEAP2;STEAP2;STEAP2	0.0292416	0.0321419	0.28441	-3.51605	0.0234693	0.257709	-3.88034	0.0133148	0.215171	-4.64748	0.0382171	0.300188	-3.33124	0.0165453	0.230689	-4.33484	0.0494764	0.325305	-3.07404	0.0172279	0.233681	-4.27934	0.875835	0.924654	-1.08149	0.0379256	0.299473	-3.3392	4.12411	16.3931	3.53329	1
cg21486465	STEAP2;STEAP2;STEAP2	0.0383963	0.80281	0.955032	-1.04709	0.00745833	0.5307	-1.8843	0.114755	0.729497	-1.37081	0.182876	1.29682	1.29682	0.7864	0.951278	-1.05122	0.947791	1.01211	1.01211	0.0194292	0.594753	-1.68137	0.122954	0.735421	-1.35977	0.0186175	0.591805	-1.68974	3.73891	2.0024	0.47605	1
cg14882150	STEAP3;STEAP3;STEAP3	0.000236041	0.371489	0.776054	-1.28857	1.18E-05	12.9494	12.9494	0.000585161	0.230289	-4.34237	0.0438717	0.527305	-1.89643	0.263634	0.724723	-1.37984	0.975966	0.991711	-1.00836	0.480323	1.21924	1.21924	0.0568694	0.551313	-1.81385	0.0193434	0.45772	-2.18474	17.5626	21.2343	1.07472	1
cg10460001	STEAP3;STEAP3;STEAP3	0.000269427	0.131908	1.20006	1.20006	0.00586782	1.4984	1.4984	0.0214069	0.733431	-1.36345	0.0129568	0.707598	-1.41323	0.000798487	0.566742	-1.76447	4.17E-05	0.416762	-2.39945	0.254663	1.14269	1.14269	0.0347924	1.31775	1.31775	0.00742747	0.679302	-1.4721	16.9406	3.37435	0.177055	1
cg20969643	STEAP3;STEAP3;STEAP3	0.000547091	0.147012	0.738231	-1.35459	0.212145	1.29214	1.29214	0.00055732	0.351957	-2.84126	0.0117226	0.541145	-1.84793	7.24E-05	0.244442	-4.09096	0.0008509	0.376207	-2.65811	0.010504	0.533675	-1.8738	0.340266	1.21126	1.21126	0.00347848	0.461463	-2.16702	13.9377	8.39497	0.535398	1
cg13431009	STEAP3;STEAP3;STEAP3	0.00127741	0.0527925	0.739239	-1.35274	0.174187	1.21946	1.21946	0.775442	1.04004	1.04004	0.165065	0.816073	-1.22538	1.87E-05	0.302433	-3.30652	0.0966001	1.2845	1.2845	0.455091	0.900844	-1.11007	0.748259	0.956767	-1.04519	0.336695	0.872883	-1.14563	10.974	3.27411	0.265202	1
cg12535642	STEAP3;STEAP3;STEAP3	0.00746545	0.4625	1.19223	1.19223	0.0153709	2.01232	2.01232	0.108928	1.50831	1.50831	0.00401779	0.403076	-2.48092	0.00494512	0.416851	-2.39894	0.054679	0.599072	-1.66925	0.915477	1.02527	1.02527	0.322709	1.27143	1.27143	0.0819837	0.635686	-1.5731	6.48338	5.67479	0.778029	1
cg23822655	STEAP3;STEAP3;STEAP3	0.0101294	0.990925	1.00337	1.00337	0.000582524	4.81084	4.81084	0.0312454	2.10964	2.10964	0.480316	1.23604	1.23604	0.722724	0.900117	-1.11097	0.429095	0.787865	-1.26925	0.00504579	2.99022	2.99022	0.0731654	1.80441	1.80441	0.722547	0.900053	-1.11105	5.88636	8.13338	1.22821	1
cg03960874	STEAP3;STEAP3;STEAP3	0.0178401	0.74608	0.944259	-1.05903	0.535232	1.11722	1.11722	0.0142141	0.586295	-1.70562	0.66001	0.924831	-1.08128	0.00540044	0.523894	-1.90878	0.909986	0.980234	-1.02016	0.101162	1.37283	1.37283	0.971751	0.993769	-1.00627	0.00375235	0.501237	-1.99507	4.88977	2.41321	0.438687	1
cg16063474	STEAP3;STEAP3;STEAP3	0.0258868	0.0265408	0.352289	-2.83858	0.184941	0.572427	-1.74695	0.524578	0.774253	-1.29157	0.174213	0.56353	-1.77453	0.0350235	0.377338	-2.65014	0.0461347	0.403871	-2.47604	0.00292972	0.197586	-5.06108	0.0051916	0.231371	-4.32206	0.137532	0.530152	-1.88625	4.30463	10.7335	2.21642	1
cg24208886	STEAP3;STEAP3;STEAP3	0.0381734	0.17279	0.827085	-1.20907	0.23681	1.17562	1.17562	0.008967	0.639027	-1.56488	0.0419186	1.36443	1.36443	0.177131	0.828887	-1.20644	0.349096	1.13369	1.13369	0.1815	1.20386	1.20386	0.636109	0.940034	-1.06379	0.0685781	0.764203	-1.30855	4.09752	1.06707	0.202548	1
cg00367488	STEAP3;STEAP3;STEAP3	0.0488725	0.359519	0.821858	-1.21676	0.338161	0.814148	-1.22828	0.10204	0.68889	-1.45161	0.366236	0.824226	-1.21326	0.877824	0.968472	-1.03255	0.0455169	0.620277	-1.61218	0.0177335	1.823	1.823	0.0347839	1.66929	1.66929	0.378098	0.828346	-1.20723	3.41759	2.34729	0.610511	1
cg25143609	STEAP4	6.03E-05	0.0506766	0.882199	-1.13353	0.829371	0.987925	-1.01222	0.474877	0.959922	-1.04175	0.0454273	0.878834	-1.13787	5.77E-06	1.77613	1.77613	0.233226	0.932063	-1.07289	1.29E-05	1.67442	1.67442	0.0484691	1.1353	1.1353	0.819796	1.01293	1.01293	25.3357	1.27132	0.0446036	1
cg09379345	STEAP4	0.0257164	0.018583	0.591655	-1.69017	0.0102832	0.551712	-1.81254	0.327451	1.20431	1.20431	0.347622	0.837074	-1.19464	0.0254645	0.613655	-1.62958	0.397562	0.85274	-1.17269	0.01122	0.557496	-1.79374	0.260146	0.805731	-1.24111	0.0153764	0.578687	-1.72805	4.31456	2.31103	0.476119	1
cg27636740	STEAP4	0.0385274	0.100992	1.7708	1.7708	0.069968	1.90526	1.90526	0.021004	2.41892	2.41892	0.314429	1.39232	1.39232	0.173479	0.630807	-1.58527	0.106915	0.571229	-1.75061	0.570174	0.833133	-1.20029	0.0294501	2.26108	2.26108	0.0681421	1.91527	1.91527	3.73424	5.98631	1.42496	1
cg11271605	STEAP4	0.0411232	0.0478595	3.62628	3.62628	0.00413115	8.93496	8.93496	0.0579367	3.38933	3.38933	0.302245	1.83781	1.83781	0.388978	1.65324	1.65324	0.947612	0.963273	-1.03813	0.0231073	4.69636	4.69636	0.0322207	4.17159	4.17159	0.0551483	3.449	3.449	3.64569	18.7229	4.565	1
cg15682851	STH;MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0112526	0.0771998	1.34488	1.34488	0.00224683	0.524627	-1.90612	0.480959	0.897596	-1.11409	0.186	1.23548	1.23548	0.568252	1.09087	1.09087	0.00503162	1.74988	1.74988	0.0497995	1.40136	1.40136	0.472971	0.895764	-1.11637	0.637812	1.07413	1.07413	5.6907	2.04978	0.320176	1
cg18183014	STIL;STIL	0.000610327	0.186161	1.18629	1.18629	0.00204391	1.69851	1.69851	0.01928	1.41198	1.41198	0.405901	1.1092	1.1092	0.00346563	0.616527	-1.62199	0.174316	0.838511	-1.19259	0.000102977	0.432751	-2.3108	0.338065	1.12791	1.12791	0.0167797	0.700658	-1.42723	13.5194	3.18075	0.209132	1
cg03598513	STIL;STIL	0.00258473	0.352977	0.840766	-1.18939	0.925936	0.983268	-1.01702	0.23312	0.797015	-1.25468	0.000168926	3.1942	3.1942	0.0109402	0.560146	-1.78525	0.0262941	0.619882	-1.61321	0.0531033	0.671112	-1.49006	0.0549329	0.673679	-1.48439	0.969174	0.993012	-1.00704	8.94381	4.6649	0.463625	1
cg11135720	STIL;STIL	0.0029975	0.00108854	0.100717	-9.9288	0.0977284	2.37542	2.37542	0.699292	1.20302	1.20302	0.571465	0.76161	-1.31301	?	?	?	?	?	?	0.000486183	0.0739891	-13.5155	0.322049	0.61438	-1.62766	0.540026	1.34369	1.34369	8.9918	25.1172	3.1924	1
cg12768767	STIL;STIL	0.0266767	0.0315411	0.769882	-1.2989	0.145558	0.850377	-1.17595	0.0234582	0.755227	-1.32411	0.994628	0.999302	-1.0007	0.406519	0.915699	-1.09206	0.0508124	0.793923	-1.25957	0.285903	0.891414	-1.12181	0.00670507	1.44007	1.44007	0.332126	0.901432	-1.10935	4.25961	0.725667	0.151431	1
cg18863135	STIL;STIL;STIL;STIL	0.00775603	0.129639	1.18074	1.18074	0.472408	1.07698	1.07698	0.0102569	1.38864	1.38864	0.00885754	0.713143	-1.40224	0.0274753	0.767502	-1.30293	0.239351	0.882471	-1.13318	0.0358505	0.780538	-1.28117	0.0151217	1.35378	1.35378	0.390944	1.0933	1.0933	6.40621	1.04471	0.144957	1
cg26296653	STIM1	0.000163087	0.00287673	0.717493	-1.39374	0.131428	1.14096	1.14096	0.00249232	0.711552	-1.40538	0.0697693	0.848557	-1.17847	5.21E-05	0.541884	-1.84541	0.00620787	1.335	1.335	0.0137542	1.27972	1.27972	0.31595	0.919468	-1.08759	0.000147013	0.589335	-1.69683	19.4139	2.01624	0.092316	1
cg06912304	STIM1	0.00187077	0.000918146	0.237346	-4.21326	0.0234337	2.19501	2.19501	0.581909	0.850888	-1.17524	0.821675	0.93655	-1.06775	0.00287147	0.303964	-3.28987	0.00759144	0.368977	-2.7102	0.0101385	0.389951	-2.56443	0.0883825	1.7262	1.7262	0.00538662	0.345106	-2.89766	9.83111	13.1284	1.18701	1
cg09761155	STIM1	0.0106989	0.0421678	0.530327	-1.88563	0.00532593	2.70427	2.70427	0.601103	0.866814	-1.15365	0.0428107	0.531679	-1.88083	0.0200455	0.467539	-2.13886	0.0220314	0.475149	-2.1046	0.130467	1.55664	1.55664	0.878834	1.0422	1.0422	0.177015	1.47521	1.47521	5.78395	6.72523	1.03355	1
cg24973226	STIM1	0.0154532	0.00431931	0.367756	-2.71919	0.0244692	0.495193	-2.01942	0.615247	0.875572	-1.14211	0.469841	0.824651	-1.21263	0.000673855	0.25579	-3.90946	0.0990554	0.622408	-1.60666	0.4852	0.830299	-1.20438	0.651401	0.887576	-1.12666	0.145588	0.663835	-1.5064	5.12989	5.58591	0.967907	1
cg24035379	STIM1	0.0179389	0.461281	1.16163	1.16163	0.272171	0.795871	-1.25649	0.0261493	0.590317	-1.694	0.212354	1.30004	1.30004	0.0328062	1.64673	1.64673	0.0252786	1.7012	1.7012	0.0113149	0.530689	-1.88434	0.281423	1.25059	1.25059	0.186817	0.756151	-1.32249	4.88071	3.08443	0.561745	1
cg20858454	STIM1	0.027036	0.603098	1.84402	1.84402	0.0386642	16.341	16.341	0.956389	0.938196	-1.06588	0.716356	0.65333	-1.53062	0.193169	0.200601	-4.98503	0.0308398	0.0519263	-19.258	0.00819918	51.7302	51.7302	0.344454	3.11434	3.11434	0.0246988	22.6463	22.6463	4.23968	91.381	19.1589	1
cg14143752	STIM1	0.0429485	0.961787	1.01614	1.01614	0.0889448	0.534293	-1.87163	0.0605775	0.493161	-2.02774	0.00164495	0.221849	-4.50758	0.408075	0.753732	-1.32673	0.626577	0.848894	-1.178	0.491106	1.26322	1.26322	0.681299	0.871126	-1.14794	0.0492957	0.472512	-2.11635	3.58745	6.34234	1.57149	1
cg13782615	STIM1	0.043852	0.0101386	0.188502	-5.30499	0.951035	1.0321	1.0321	0.0259941	0.256774	-3.89447	0.180526	0.481129	-2.07844	0.0117693	0.19814	-5.04693	0.349185	0.609052	-1.64189	0.0572451	0.330641	-3.02443	0.448405	1.48809	1.48809	0.0999228	0.395512	-2.52837	3.55974	14.9245	3.72674	1
cg04160653	STIM1;STIM1	0.0292646	0.343472	1.11313	1.11313	0.205641	0.863614	-1.15792	0.88553	1.01595	1.01595	0.820412	0.975338	-1.02529	0.00824146	0.689978	-1.44932	0.666025	1.04884	1.04884	0.00628013	1.47843	1.47843	0.0917843	0.815577	-1.22613	0.277351	0.883322	-1.13209	4.12296	0.7875	0.169781	1
cg25069005	STIM2;STIM2;STIM2	0.000628711	0.527498	0.931203	-1.07388	0.999431	0.999921	-1.00008	0.0198208	0.731094	-1.36781	0.205073	0.861679	-1.16052	0.000583652	0.553229	-1.80757	0.0746278	1.24747	1.24747	0.0129688	1.40964	1.40964	0.419697	0.912288	-1.09615	4.46E-05	0.422789	-2.36525	13.4078	2.63257	0.174529	1
cg20932348	STIM2;STIM2;STIM2	0.00336886	0.101134	0.550945	-1.81506	0.035304	0.427181	-2.34093	0.000938118	0.12624	-7.9214	?	?	?	?	?	?	0.0394615	2.27609	2.27609	?	?	?	0.00381557	0.220647	-4.53212	?	?	?	17.7453	13.9756	0.787565	1
cg08639389	STIM2;STIM2;STIM2	0.0123278	0.00133317	0.0910343	-10.9849	0.00993433	0.187695	-5.32779	0.111362	0.410276	-2.43738	0.063576	0.342482	-2.91986	0.00470352	0.14518	-6.88802	0.389309	0.635579	-1.57337	0.334006	0.599363	-1.66844	0.482521	0.693038	-1.44292	0.00792576	0.173905	-5.75026	5.52492	23.0932	3.71541	1
cg13621396	STIM2;STIM2;STIM2	0.0157253	0.00894715	0.131903	-7.58134	0.0172293	0.170695	-5.85842	0.0543483	0.264451	-3.78142	0.546002	0.689182	-1.451	0.00725885	0.121244	-8.24785	0.374175	0.573654	-1.74321	0.00204992	0.07089	-14.1064	0.1256	0.36428	-2.74514	0.030021	0.211201	-4.73484	5.10026	29.9803	5.22506	1
cg01791890	STIM2;STIM2;STIM2	0.0188249	0.145619	1.66993	1.66993	0.0227069	0.408576	-2.44753	0.0184462	2.55524	2.55524	0.352846	0.730698	-1.36855	0.00839814	0.331233	-3.01902	0.276058	1.45041	1.45041	0.058729	2.01521	2.01521	0.503384	1.24966	1.24966	0.899685	0.959455	-1.04226	4.80206	8.19168	1.51633	1
cg18372548	STIM2;STIM2;STIM2	0.0318918	0.237287	0.588368	-1.69962	0.126871	2.02861	2.02861	0.0647366	2.43208	2.43208	0.160501	1.90078	1.90078	0.00930858	0.243333	-4.1096	0.233476	1.70771	1.70771	0.322891	1.54873	1.54873	0.0190707	3.37223	3.37223	0.920319	1.0438	1.0438	3.99872	11.6231	2.58374	1
cg21963048	STIP1	0.000109017	0.000865604	0.211452	-4.7292	0.000464707	0.180666	-5.53507	0.00174363	0.249778	-4.00355	0.66055	0.871672	-1.14722	4.70E-06	0.038419	-26.0288	0.779886	1.09097	1.09097	0.86929	0.950104	-1.05252	0.14757	1.62077	1.62077	0.00101634	0.219889	-4.54774	21.6347	33.0949	1.35974	1
cg15072405	STIP1	0.00440766	0.618495	0.910027	-1.09887	0.00100853	2.5002	2.5002	0.639318	1.09269	1.09269	0.787872	1.05195	1.05195	0.00322134	0.470071	-2.12734	0.17966	0.765184	-1.30687	0.0196857	0.58914	-1.69739	0.0229353	1.66695	1.66695	0.676433	0.924207	-1.08201	7.62551	4.25929	0.496497	1
cg01962597	STIP1	0.00477981	0.726075	1.04949	1.04949	0.000342546	0.453033	-2.20735	0.00181302	0.543888	-1.83861	0.146086	1.23898	1.23898	0.0373011	0.717529	-1.39367	0.0590935	0.746252	-1.34003	0.790528	1.03724	1.03724	0.315789	0.86724	-1.15308	0.946958	0.990905	-1.00918	7.44005	2.22235	0.265512	1
cg15432711	STIP1	0.031754	0.0098368	0.23196	-4.31109	0.341989	0.645033	-1.55031	0.720999	1.1742	1.1742	0.259708	1.69302	1.69302	0.0171524	0.27232	-3.67216	0.115363	2.15238	2.15238	0.341996	0.645038	-1.5503	0.0269893	0.309502	-3.23099	0.11875	0.468449	-2.1347	4.00492	12.7201	2.82321	1
cg05127380	STIP1;STIP1	0.033	0.415122	2.02926	2.02926	0.901162	0.899823	-1.11133	0.00770292	0.0545385	-18.3357	0.0418676	7.33378	7.33378	0.284122	2.57367	2.57367	0.0380999	7.70818	7.70818	?	?	?	0.153377	0.272857	-3.66493	0.771239	1.28106	1.28106	4.01509	40.7977	10.1611	1
cg15094703	STK10	0.00383612	0.0585694	0.811407	-1.23243	0.362506	1.09586	1.09586	0.956004	0.994619	-1.00541	0.616699	0.951842	-1.05059	0.0635606	1.22631	1.22631	0.000433561	1.72321	1.72321	0.00150447	1.56411	1.56411	0.161024	1.15768	1.15768	0.150773	0.860186	-1.16254	7.95202	1.20468	0.134661	1
cg00605831	STK10	0.00391848	0.119419	0.730239	-1.36941	0.640714	0.916267	-1.09139	0.0918425	0.70803	-1.4124	0.00875406	0.537253	-1.86132	0.534464	0.889543	-1.12417	5.59E-05	0.248103	-4.03059	0.0453585	0.65241	-1.53278	0.571275	0.899022	-1.11232	0.17698	0.76568	-1.30603	7.90135	4.33154	0.487291	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11161755	STK10	0.015982	0.00520174	0.255962	-3.90683	0.847445	1.07377	1.07377	0.405302	0.730052	-1.36977	0.158315	1.74598	1.74598	0.00595888	0.26482	-3.77614
cg19782271	STK10	0.0160757	0.0954802	0.69437	-1.44016	0.233726	0.779866	-1.28227	0.949035	1.01281	1.01281	0.00285853	2.26458	2.26458	0.0985437	0.697127	-1.43446
cg19873297	STK10	0.0164822	0.0161974	0.311043	-3.21499	0.253649	0.622914	-1.60536	0.420032	0.720997	-1.38697	0.580623	0.80126	-1.24803	0.00573181	0.237384	-4.21259
cg25380021	STK10	0.0233117	0.165547	0.609109	-1.64174	0.0262358	0.413202	-2.42013	0.0376141	0.445535	-2.24449	0.272027	0.681634	-1.46706	0.21095	1.55553	1.55553
cg05642190	STK10	0.0282812	0.148773	1.31433	1.31433	0.623813	1.09117	1.09117	0.387867	0.855379	-1.16907	0.243959	1.24006	1.24006	0.00546656	0.524702	-1.90584
cg16532100	STK10	0.0359287	0.517924	0.924185	-1.08203	0.913756	0.987054	-1.01312	0.00105714	0.558488	-1.79055	0.79812	0.969641	-1.03131	0.04833	0.762332	-1.31176
cg21508023	STK10	0.037312	0.721506	0.959422	-1.04229	0.169808	0.844303	-1.18441	0.00868319	0.679012	-1.47273	0.558622	1.07086	1.07086	0.196646	0.853849	-1.17117
cg26651429	STK10	0.0430157	0.313888	0.917866	-1.08948	0.0819741	0.853353	-1.17185	0.179346	0.889262	-1.12453	0.409022	0.932877	-1.07195	0.762061	1.0253	1.0253
cg09758705	STK11	0.00555896	0.283382	0.848264	-1.17888	0.00216686	1.88786	1.88786	0.0391935	1.42238	1.42238	0.413013	1.13153	1.13153	0.13518	0.788378	-1.26843
cg22467470	STK11	0.0215236	0.423495	0.748372	-1.33623	0.951803	1.02166	1.02166	0.329131	0.699693	-1.4292	0.0360638	0.421271	-2.37377	0.00232082	0.221276	-4.51924
cg14524579	STK11	0.0311054	0.0190984	0.249499	-4.00803	0.679305	1.22564	1.22564	0.936415	0.961702	-1.03982	0.0943904	0.406594	-2.45945	0.0028697	0.134333	-7.44418
cg17151991	STK11	0.0380897	0.0139745	0.181172	-5.51962	0.608332	0.747607	-1.3376	0.672382	0.787124	-1.27045	0.0677024	0.316073	-3.16383	0.0114546	0.168559	-5.93265
cg04583149	STK11	0.0410794	0.037598	0.227406	-4.39742	0.343758	1.81996	1.81996	0.507515	1.51106	1.51106	0.298519	0.516012	-1.93794	0.0198562	0.177911	-5.62078
cg08256018	STK11	0.0422237	0.323042	0.782696	-1.27763	0.65984	0.899142	-1.11217	0.495464	0.846932	-1.18073	0.503899	0.849759	-1.1768	0.00378789	0.391577	-2.55378
cg22240650	STK11	0.0447626	0.0931099	1.33806	1.33806	0.1405	1.28397	1.28397	0.145919	1.27903	1.27903	0.079628	1.35891	1.35891	0.0835241	0.73936	-1.35252
cg06366810	STK11IP	0.000456702	0.602033	0.859452	-1.16353	0.0219766	2.2057	2.2057	0.273565	0.720361	-1.38819	0.782511	0.92343	-1.08292	1.58E-05	0.076912	-13.0019
cg04209035	STK11IP	0.00465002	0.339718	0.820116	-1.21934	0.367816	1.20494	1.20494	0.30902	0.808819	-1.23637	0.000264979	3.34442	3.34442	0.193837	0.758008	-1.31925
cg00713953	STK11IP	0.0213311	0.163884	0.860516	-1.16209	0.41194	0.918666	-1.08854	0.0973733	1.20196	1.20196	0.630643	0.952191	-1.05021	0.607687	0.948985	-1.05376
cg18338495	STK16;GLB1L;GLB1L;STK16	0.000691555	0.000337119	1.69955	1.69955	0.00013613	0.545579	-1.83292	0.973982	0.997012	-1.003	0.0558571	1.21993	1.21993	0.31558	0.909168	-1.09991
cg08098128	STK16;STK16	0.000746446	0.00155471	0.759677	-1.31635	0.871481	1.00983	1.00983	0.0274486	0.854189	-1.1707	3.74E-05	0.619621	-1.61389	0.108052	1.11176	1.11176
cg10862587	STK16;STK16;GLB1L	0.00103253	0.166436	0.819797	-1.21981	0.00895127	1.56477	1.56477	0.000327476	2.18516	2.18516	0.335995	1.14294	1.14294	0.00283609	0.574946	-1.73929
cg05415936	STK17A	2.71E-05	7.85E-05	0.526491	-1.89937	0.10125	0.851134	-1.1749	1.61E-06	0.338022	-2.95839	0.526808	0.944028	-1.05929	0.0112349	0.751782	-1.33017
cg12708735	STK17A	0.00309376	0.506791	0.875053	-1.14279	0.000147629	0.274396	-3.64437	0.0043366	0.46979	-2.12861	0.438488	0.855047	-1.16953	0.0830566	1.46271	1.46271
cg17707057	STK17A	0.00515741	0.00289928	0.30956	-3.23039	0.474104	1.23183	1.23183	0.149107	0.642043	-1.55753	0.00528618	0.348882	-2.8663	0.000898227	0.240865	-4.1517
cg03345106	STK17A	0.0457246	0.925915	1.0292	1.0292	0.339238	0.737209	-1.35647	0.8458	0.941515	-1.06212	0.345377	0.740227	-1.35094	0.364013	1.33473	1.33473
cg14426688	STK17A	0.0481817	0.826572	1.05042	1.05042	0.0764439	0.642879	-1.5555	0.00589875	0.445966	-2.24232	0.281352	1.28528	1.28528	0.208223	0.742735	-1.34637
cg20299002	STK17B	0.00433027	0.726711	0.888037	-1.12608	0.111885	1.79655	1.79655	?	?	?	0.466518	0.778214	-1.28499	0.00231447	0.236873	-4.22167
cg03896661	STK17B	0.00826085	0.000697738	0.239941	-4.1677	0.398786	0.787863	-1.26926	0.0735864	0.576636	-1.7342	0.0670733	0.567514	-1.76207	0.00368937	0.338526	-2.95399
cg08043048	STK17B	0.0107547	0.40612	0.802706	-1.24579	0.00382036	0.364765	-2.74149	0.306046	0.760304	-1.31526	0.000794576	0.269727	-3.70745	0.824499	1.05911	1.05911
cg27452117	STK17B	0.0154155	0.0682132	1.33439	1.33439	0.0373461	1.40686	1.40686	0.010575	1.57506	1.57506	0.141195	1.25051	1.25051	0.779589	0.96114	-1.04043
cg18949409	STK17B	0.0191355	0.1117	0.765982	-1.30551	0.437497	1.12963	1.12963	0.0677799	1.37007	1.37007	0.128617	1.28757	1.28757	0.087682	0.748187	-1.33656
cg14462124	STK17B	0.0375339	0.0164101	0.0995607	-10.0441	0.0302092	0.134713	-7.42318	0.0540588	0.179071	-5.58438	0.0823	0.220025	-4.54493	0.0147056	0.0942246	-10.6129
cg15023571	STK17B	0.0407658	0.0647774	0.321999	-3.1056	0.00896099	0.162664	-6.14765	0.00749641	0.152515	-6.55673	0.0367139	0.26555	-3.76577	0.151519	0.431897	-2.31537
cg26535835	STK17B;STK17B	0.0407731	0.109827	1.87677	1.87677	0.938854	0.972671	-1.0281	0.29648	1.47842	1.47842	0.845039	1.07323	1.07323	0.666849	0.8552	-1.16932
cg09230350	STK19	0.00310067	0.447589	0.852964	-1.17238	0.0407726	0.615528	-1.62462	0.614568	0.900929	-1.10997	0.234898	0.774284	-1.29152	0.00252244	0.42244	-2.3672
cg04654261	STK19;DOM3Z	0.00103138	0.0462908	0.450734	-2.2186	0.01408	0.347179	-2.88036	0.0165934	2.77674	2.77674	0.00379084	0.255826	-3.90891	0.000574234	0.155591	-6.42711
cg22283528	STK19;DOM3Z	0.00269515	0.0780656	0.661193	-1.51242	0.0170165	0.54071	-1.84942	0.368618	0.822726	-1.21547	0.845202	0.959535	-1.04217	0.000245444	0.277959	-3.59765
cg15010006	STK19;DOM3Z	0.0256185	0.0311949	0.389433	-2.56784	0.212288	1.63236	1.63236	0.537825	1.26198	1.26198	0.0495721	0.433598	-2.30629	0.331259	0.688045	-1.45339
cg08721491	STK19;DOM3Z	0.0377289	0.21175	0.698349	-1.43195	0.0270446	2.04301	2.04301	0.00546716	2.71078	2.71078	0.568421	0.854413	-1.17039	0.108655	0.620281	-1.61217
cg14666908	STK19;DOM3Z	0.0453987	0.0246359	0.231433	-4.32091	0.356327	0.595216	-1.68006	0.625226	0.763981	-1.30893	0.148934	0.428922	-2.33143	0.00849494	0.159289	-6.2779
cg10874097	STK19;SKIV2L	0.0119424	0.027257	0.400462	-2.49712	0.00898841	0.312367	-3.20137	0.123929	0.557894	-1.79245	0.0545635	0.465865	-2.14655	0.00236741	0.226513	-4.41475
cg01031999	STK19;STK19;DOM3Z;STK19	2.77E-05	1.22E-05	0.143427	-6.97216	9.94E-05	0.234067	-4.27229	0.000548128	0.323434	-3.09182	0.00430192	0.448102	-2.23164	2.52E-06	0.0912393	-10.9602
cg03031281	STK19;STK19;DOM3Z;STK19	0.000283769	3.24E-05	0.190866	-5.23927	0.617566	0.901987	-1.10866	0.000613119	0.339169	-2.94839	0.410688	0.841647	-1.18815	5.65E-05	0.21591	-4.63155
cg19203836	STK19;STK19;DOM3Z;STK19	0.00346939	0.0289985	0.739336	-1.35256	0.0186825	1.39716	1.39716	0.48628	0.92035	-1.08654	0.0830387	1.25254	1.25254	0.0403845	0.75745	-1.32022
cg10914467	STK19;STK19;DOM3Z;STK19	0.00944385	0.0278431	0.332859	-3.00427	0.00332496	0.184223	-5.4282	0.0350679	0.353763	-2.82675	0.229759	0.586681	-1.7045	0.019715	0.303652	-3.29324
cg23945481	STK19;STK19;DOM3Z;STK19	0.0131583	0.0099656	0.140464	-7.11928	0.00601713	0.114794	-8.71126	0.393903	0.590553	-1.69333	0.0983899	0.33514	-2.98383	0.0102525	0.142042	-7.04018
cg20069688	STK19;STK19;DOM3Z;STK19	0.0258482	0.762696	0.93825	-1.06581	0.257326	0.779722	-1.28251	0.79873	1.05525	1.05525	0.0802313	1.50452	1.50452	0.22123	0.762882	-1.31082
cg17339327	STK19;STK19;DOM3Z;STK19	0.0295654	0.0184235	0.116697	-8.56919	0.0178731	0.115022	-8.69396	0.167896	0.33148	-3.01677	0.0893197	0.244757	-4.08569	0.0510048	0.188267	-5.3116
cg02070866	STK19;STK19;DOM3Z;STK19	0.0338712	0.0257035	0.843667	-1.1853	0.173773	0.911329	-1.0973	0.122574	0.898207	-1.11333	0.181145	1.09537	1.09537	0.290772	0.932074	-1.07288
cg20194050	STK19;STK19;DOM3Z;STK19	0.0425268	0.0811521	0.278507	-3.59057	0.0111388	0.11686	-8.55727	0.0303019	0.182731	-5.47252	0.54908	0.673614	-1.48453	0.0258379	0.170474	-5.866
cg12776033	STK19;STK19;DOM3Z;STK19	0.0427652	0.0165418	0.254536	-3.92872	0.0606224	0.372081	-2.68758	0.81358	1.11673	1.11673	0.133473	0.469323	-2.13073	0.0138339	0.241296	-4.14429
cg04149916	STK19;STK19;DOM3Z;STK19	0.0434839	0.0171491	0.213354	-4.68705	0.0284066	0.252658	-3.95792	0.0657565	0.33351	-2.99841	0.0623348	0.327665	-3.0519	0.0282461	0.252183	-3.96538
cg12149319	STK19;STK19;STK19	1.89E-05	0.478363	0.89853	-1.11293	0.00276985	0.541938	-1.84523	0.000676931	0.462399	-2.16263	0.0137875	1.5713	1.5713	3.97E-07	0.116482	-8.58501
cg03661299	STK19;STK19;STK19	0.000426777	0.0139844	1.35023	1.35023	0.00259907	0.661811	-1.51101	0.0118307	0.732763	-1.3647	0.242549	1.12862	1.12862	0.000319506	0.561933	-1.77957
cg27344985	STK19;STK19;STK19	0.0061527	0.124389	1.2139	1.2139	0.00556308	0.654211	-1.52856	0.666179	1.05187	1.05187	0.0439474	1.30962	1.30962	0.00264779	0.615972	-1.62345
cg17439357	STK19;STK19;STK19	0.0274991	0.710531	0.850187	-1.17621	0.117223	0.476733	-2.09761	0.339404	0.651373	-1.53522	0.158247	0.518564	-1.9284	0.00125294	0.128547	-7.77926
cg17370481	STK19;STK19;STK19;DOM3Z	0.00066056	0.623291	1.14683	1.14683	0.860136	0.952365	-1.05002	0.888878	1.03945	1.03945	0.658763	1.13087	1.13087	0.216047	1.43374	1.43374
cg09080523	STK19;STK19;STK19;DOM3Z	0.00679333	0.417963	1.20906	1.20906	0.169614	1.39875	1.39875	0.259944	1.30935	1.30935	0.610705	1.12497	1.12497	0.0679042	1.59842	1.59842
cg20510378	STK19;STK19;STK19;DOM3Z	0.0327141	0.00918894	0.210512	-4.75032	0.554267	0.754411	-1.32554	0.542326	0.747841	-1.33718	0.0287804	0.296752	-3.36982	0.0101435	0.217024	-4.60777
cg12456973	STK19;STK19;STK19;DOM3Z	0.0327745	0.00592768	0.0848131	-11.7906	0.793051	0.835067	-1.19751	0.247912	0.436883	-2.28894	0.211351	0.40548	-2.46621	0.0676101	0.245704	-4.06994
cg20284673	STK19;STK19;STK19;DOM3Z	0.0375171	0.752681	1.03219	1.03219	0.0382726	0.786104	-1.2721	0.0405418	0.78893	-1.26754	0.396732	1.09088	1.09088	0.180404	1.15324	1.15324
cg01053282	STK24	0.00123626	0.971884	0.997147	-1.00286	0.00250441	0.711475	-1.40553	0.0162562	0.788	-1.26904	0.0329051	0.816863	-1.2242	0.943548	0.994275	-1.00576
cg10057295	STK24	0.00154355	0.00293725	0.339124	-2.94877	0.91843	1.02749	1.02749	0.192696	0.694217	-1.44047	0.0489486	0.551471	-1.81333	0.00246364	0.328016	-3.04863
cg24981097	STK24	0.00690737	0.0119224	0.340056	-2.94069	0.0258517	0.40272	-2.48311	0.037534	0.436253	-2.29225	0.763745	1.10918	1.10918	0.00133577	0.201279	-4.96822
cg23954655	STK24	0.00718566	0.0706379	0.591581	-1.69038	0.00858896	2.38932	2.38932	0.153302	0.672106	-1.48786	0.138331	0.660592	-1.51379	0.0690581	0.589418	-1.69659
cg02088785	STK24	0.0114657	0.631107	0.809993	-1.23458	0.179841	1.8598	1.8598	0.030976	0.331798	-3.01388	0.990418	0.994783	-1.00524	0.00422456	0.188547	-5.30371
cg01077841	STK24	0.0124981	0.00958368	1.7321	1.7321	0.525326	1.11382	1.11382	0.220968	1.24048	1.24048	0.959444	0.991519	-1.00855	0.33663	0.847112	-1.18048
cg25032321	STK24	0.0182428	0.0535622	0.27356	-3.65551	0.174538	0.425745	-2.34882	0.0858029	0.325435	-3.07281	0.492787	0.662418	-1.50962	0.022816	0.199734	-5.00666
cg13936797	STK24	0.0233796	0.977484	0.996732	-1.00328	0.974536	0.996305	-1.00371	0.0267164	0.73748	-1.35597	0.53963	0.930501	-1.07469	0.111678	1.22257	1.22257
cg20850243	STK24	0.0399897	0.159344	0.840987	-1.18908	0.592302	0.939652	-1.06422	0.00348656	1.57848	1.57848	0.258572	0.87307	-1.14538	0.831575	1.02483	1.02483
cg08221272	STK24;STK24	0.00163145	0.379546	1.14247	1.14247	0.181462	1.23318	1.23318	0.446725	0.891733	-1.12141	0.00363191	0.55908	-1.78865	0.0669464	0.738281	-1.3545
cg09994022	STK24;STK24	0.00470642	0.352951	0.911238	-1.09741	0.00409908	0.687611	-1.45431	0.00222678	0.659276	-1.51682	0.558632	0.944102	-1.05921	0.173277	0.868563	-1.15133
cg01536299	STK24;STK24	0.00667924	0.00188038	0.406949	-2.45731	0.635821	1.10219	1.10219	0.0171745	0.553037	-1.8082	0.226152	0.771637	-1.29595	0.00249504	0.424413	-2.3562
cg07505941	STK24;STK24	0.0114145	0.0443159	0.591313	-1.69115	0.803605	1.05831	1.05831	0.793309	0.942023	-1.06155	0.302667	0.784386	-1.27488	0.00775005	0.459393	-2.17679
cg03234072	STK24;STK24	0.012237	0.497901	1.12418	1.12418	0.00653325	1.82417	1.82417	0.0344692	1.52125	1.52125	0.370791	0.855272	-1.16922	0.10808	0.742123	-1.34749
cg08731009	STK24;STK24	0.0123391	0.0205921	0.250813	-3.98704	0.0779425	0.378561	-2.64158	0.0685785	0.363862	-2.7483	0.420568	0.664936	-1.5039	0.00468812	0.155058	-6.44921
cg16924565	STK24;STK24	0.0136072	0.00848398	0.278952	-3.58484	0.00303077	0.213586	-4.68196	0.0166094	0.329072	-3.03885	0.0228428	0.355272	-2.81475	0.00476327	0.240738	-4.15389
cg07340007	STK24;STK24	0.0154214	0.0436554	0.198551	-5.03648	0.00142235	0.0400518	-24.9677	0.0420446	0.195346	-5.11913	0.245035	0.428429	-2.33411	0.0268948	0.160885	-6.21561
cg27106230	STK24;STK24	0.0386734	0.981867	1.00184	1.00184	0.821138	1.01853	1.01853	0.0296681	0.812577	-1.23065	0.64344	1.03852	1.03852	0.126904	0.874712	-1.14323
cg03461548	STK24;STK24	0.0481638	0.00921764	0.559601	-1.78699	0.755154	0.946541	-1.05648	0.667186	0.926837	-1.07894	0.466029	1.13915	1.13915	0.0196925	0.609713	-1.64011
cg12903924	STK25	0.000694063	0.12708	1.34229	1.34229	0.70662	1.06979	1.06979	0.120816	0.740714	-1.35005	0.940455	0.986761	-1.01342	0.679243	0.928505	-1.077
cg08129953	STK25	0.00149979	0.939497	0.985013	-1.01522	0.000881462	2.69572	2.69572	0.00445114	2.12715	2.12715	0.000444197	3.01253	3.01253	0.0281003	0.596938	-1.67521
cg01248010	STK25	0.00388531	0.829024	1.02572	1.02572	0.0834843	1.25228	1.25228	0.146772	1.20066	1.20066	0.634268	1.05789	1.05789	0.530987	1.07737	1.07737
cg22193247	STK25	0.00465991	0.0892073	0.739811	-1.3517	0.0472353	1.4406	1.4406	0.430924	1.13799	1.13799	0.0538915	0.703353	-1.42176	0.593664	0.917052	-1.09045
cg02344857	STK25	0.01296	0.801128	0.97522	-1.02541	0.611414	1.05226	1.05226	0.817368	1.02326	1.02326	0.245617	1.12832	1.12832	0.26775	0.89157	-1.12162
cg13788902	STK25	0.0257604	0.532037	0.785017	-1.27386	0.0905667	2.04028	2.04028	0.257866	0.636671	-1.57067	0.00318537	0.214347	-4.66533	0.00755658	0.268692	-3.72174
cg14172532	STK25	0.027459	0.217916	0.859033	-1.1641	0.0886494	1.24631	1.24631	0.351443	1.11899	1.11899	0.919012	1.01199	1.01199	0.735858	0.961084	-1.04049
cg21144270	STK25	0.0284821	0.437119	0.871036	-1.14806	0.0118485	1.72851	1.72851	0.049047	1.47903	1.47903	0.0302916	1.5583	1.5583	0.601877	1.09602	1.09602
cg20673075	STK3	0.000136861	0.00625182	0.654511	-1.52786	0.000236528	2.06402	2.06402	0.279607	1.14306	1.14306	0.000360108	1.97527	1.97527	0.00229733	0.60236	-1.66014
cg02675173	STK3	0.00221639	0.799088	0.955654	-1.0464	0.915318	1.0191	1.0191	0.000890008	0.412618	-2.42355	0.0235904	1.61732	1.61732	0.00180464	0.45417	-2.20182
cg05803606	STK3	0.00228536	0.76111	0.958326	-1.04349	0.0888334	1.29954	1.29954	0.0934036	0.772898	-1.29383	0.833422	0.971028	-1.02984	0.0172049	0.666827	-1.49964
cg18569825	STK3	0.0107401	0.0894262	0.689261	-1.45083	0.294494	0.805688	-1.24118	0.0667026	0.664616	-1.50463	0.94055	0.985288	-1.01493	0.225887	1.28751	1.28751
cg00069432	STK3	0.014717	0.200773	0.777145	-1.28676	0.103101	0.716989	-1.39472	0.869555	0.969799	-1.03114	0.031167	0.623833	-1.60299	0.000244645	0.322705	-3.09881
cg15648444	STK3	0.0176997	0.191524	0.710733	-1.407	0.00174998	3.00886	3.00886	0.263972	0.750109	-1.33314	0.657802	1.11637	1.11637	0.0358252	0.547124	-1.82774
cg11971662	STK3	0.0301051	0.213564	0.638028	-1.56733	0.00708522	0.303063	-3.29965	0.028452	0.411799	-2.42837	0.829297	0.928596	-1.07689	0.00447422	0.272365	-3.67155
cg09941453	STK3	0.0344983	0.289591	1.16809	1.16809	0.0968454	1.29384	1.29384	0.539416	1.0918	1.0918	0.374046	0.878996	-1.13766	0.25239	0.844513	-1.18411
cg27147306	STK3	0.0424053	0.00109598	0.377168	-2.65134	0.401479	1.18993	1.18993	0.968426	0.992017	-1.00805	0.138837	0.724237	-1.38076	0.62798	0.905849	-1.10394
cg15920472	STK31;STK31;STK31	0.000200163	0.00384073	0.359375	-2.78261	0.244745	0.726441	-1.37657	0.000907579	0.271632	-3.68145	0.593118	1.15218	1.15218	8.38E-06	0.0780857	-12.8064
cg05407490	STK31;STK31;STK31	0.000525015	0.344551	1.21357	1.21357	0.000510892	2.94142	2.94142	0.476095	1.15496	1.15496	0.094955	1.44025	1.44025	0.526633	1.13604	1.13604
cg06832339	STK31;STK31;STK31	0.000858868	0.127053	0.709557	-1.40933	0.880423	1.03179	1.03179	0.309765	0.80369	-1.24426	0.192084	0.750439	-1.33255	0.016672	0.544598	-1.83622
cg13802883	STK31;STK31;STK31	0.0021079	0.000113268	0.256449	-3.89941	0.162244	1.34922	1.34922	0.017006	0.557569	-1.7935	0.141495	1.3735	1.3735	0.841353	0.960569	-1.04105
cg13514718	STK31;STK31;STK31	0.00456432	0.0132071	2.63801	2.63801	0.00175911	4.0853	4.0853	0.124479	0.591417	-1.69085	0.117139	1.71168	1.71168	0.0715556	0.529728	-1.88776
cg25612145	STK31;STK31;STK31	0.019853	0.00134859	2.75817	2.75817	0.0575631	0.626288	-1.59671	0.915407	0.977114	-1.02342	0.647482	1.10552	1.10552	0.076777	1.53551	1.53551
cg00091742	STK31;STK31;STK31	0.0294427	0.0896212	0.753275	-1.32754	0.602673	1.08276	1.08276	0.518977	0.905755	-1.10405	0.305633	1.17421	1.17421	0.047888	0.710027	-1.4084
cg17613911	STK32A	0.0379475	0.00569119	0.153809	-6.50155	0.606735	0.764895	-1.30737	0.196933	2.02218	2.02218	0.573889	0.745802	-1.34084	0.0404365	0.294706	-3.39322
cg04834956	STK32A;STK32A	0.000108385	0.000146229	0.172843	-5.7856	0.000156969	0.175967	-5.6829	0.00112324	0.275728	-3.62676	0.0213427	0.475637	-2.10244	6.91E-05	0.141785	-7.05291
cg27373371	STK32A;STK32A	0.00440201	0.674712	1.07305	1.07305	0.00198503	0.482101	-2.07426	0.390386	0.863282	-1.15837	0.0325805	0.658482	-1.51865	0.666163	0.930064	-1.0752
cg21882477	STK32A;STK32A	0.00448208	0.023203	0.56611	-1.76644	0.00425908	2.22978	2.22978	0.00642474	2.10274	2.10274	0.0564653	0.635861	-1.57267	0.00483388	2.18947	2.18947
cg17928584	STK32A;STK32A	0.00643903	0.120118	1.40038	1.40038	0.166326	1.34281	1.34281	0.00645847	2.0285	2.0285	0.119602	1.40115	1.40115	0.0272256	0.593357	-1.68533
cg14801593	STK32A;STK32A	0.00841997	0.00736341	0.624002	-1.60256	0.0249245	0.694609	-1.43966	0.0169392	0.671859	-1.48841	0.104063	0.784535	-1.27464	0.0105077	0.644259	-1.55217
cg12602126	STK32A;STK32A	0.0132993	0.361754	1.12576	1.12576	0.139823	1.22231	1.22231	0.0124229	1.48164	1.48164	0.472895	0.911877	-1.09664	0.0170093	0.692316	-1.44443
cg13850354	STK32A;STK32A	0.0376789	0.0273806	0.745408	-1.34155	0.395593	1.1029	1.1029	0.473603	1.08552	1.08552	0.0510895	0.778708	-1.28418	0.0551519	0.782885	-1.27733
cg17187673	STK32B	0.000842061	0.288179	0.889464	-1.12427	0.0837993	0.816062	-1.2254	0.366477	0.906143	-1.10358	0.000873961	1.69942	1.69942	0.0221225	0.747169	-1.33839
cg10593165	STK32B	0.00153114	0.0192458	0.392039	-2.55076	0.0154304	0.374245	-2.67204	0.0460089	0.469454	-2.13013	0.0343561	2.26193	2.26193	0.000756796	0.184782	-5.41179
cg10351287	STK32B	0.00707914	0.0960408	0.612219	-1.6334	0.0587745	1.77363	1.77363	0.0235274	2.06709	2.06709	0.345436	1.29803	1.29803	0.00608488	0.382347	-2.61543
cg21186966	STK32B	0.00887427	0.651677	0.90114	-1.10971	0.325388	1.26189	1.26189	0.0121475	2.04622	2.04622	0.72692	0.922831	-1.08362	0.0239706	0.539604	-1.85321
cg27153759	STK32B	0.0104438	0.0135424	0.348201	-2.8719	0.00509586	0.278602	-3.58935	0.527132	0.801545	-1.24759	0.243789	0.65637	-1.52353	0.00893626	0.3172	-3.15259
cg02201012	STK32B	0.0108161	0.103946	0.772198	-1.295	0.715496	1.05467	1.05467	0.0966543	0.767061	-1.30368	0.817935	1.0341	1.0341	0.000957849	0.489011	-2.04494
cg25612057	STK32B	0.0161276	0.00569218	0.124199	-8.05159	0.0240078	0.212559	-4.70458	0.0434333	0.26294	-3.80316	0.144906	0.406365	-2.46084	0.00941435	0.15058	-6.641
cg14193290	STK32B	0.0225176	0.670196	1.13102	1.13102	0.714072	1.11155	1.11155	0.962046	1.01377	1.01377	0.49495	1.22038	1.22038	0.000696222	0.226102	-4.42278
cg22551741	STK32B	0.0228132	0.295719	0.75223	-1.32938	0.463748	0.822162	-1.21631	0.660905	0.890559	-1.12289	0.588634	1.15416	1.15416	0.303117	1.32323	1.32323
cg21929235	STK32B	0.0293679	0.452347	0.841738	-1.18802	0.037468	0.580839	-1.72165	0.137848	0.697983	-1.4327	0.00603024	0.446062	-2.24184	0.0100396	0.48131	-2.07766
cg01530024	STK32B	0.0360076	0.740073	1.07936	1.07936	0.00252913	0.382311	-2.61567	0.108291	1.4946	1.4946	0.552877	1.14764	1.14764	0.934642	1.01899	1.01899
cg08906246	STK32B	0.0363121	0.0133057	0.121374	-8.23902	0.0349477	0.184552	-5.41853	0.143633	0.339453	-2.94592	0.168696	0.364796	-2.74126	0.0159154	0.131335	-7.61414
cg18827954	STK32B;STK32B	0.00064188	0.120574	0.803855	-1.24401	1.38E-05	3.24543	3.24543	0.0661175	1.30646	1.30646	0.0536626	0.752655	-1.32863	0.230227	0.849393	-1.17731
cg02274361	STK32C	1.88E-06	3.92E-06	0.265013	-3.77339	6.10E-06	0.285879	-3.49798	0.00351539	0.613037	-1.63122	0.0488845	1.32054	1.32054	8.99E-08	0.114576	-8.72783
cg17814014	STK32C	2.47E-05	0.000534374	0.304156	-3.28779	0.000118889	0.226096	-4.4229	0.0495718	0.609706	-1.64013	0.0692607	0.638355	-1.56653	7.91E-06	0.115225	-8.67864
cg14909329	STK32C	3.22E-05	0.776689	0.915547	-1.09224	0.103342	0.575343	-1.73809	0.0254423	0.438645	-2.27975	0.663961	0.873164	-1.14526	1.92E-05	0.0676135	-14.79
cg27357238	STK32C	0.000166064	0.000205249	0.288436	-3.46697	8.29E-05	0.242547	-4.12292	0.00809203	0.507711	-1.96962	0.00670238	0.495151	-2.01959	0.000170254	0.278686	-3.58826
cg07600170	STK32C	0.000286079	2.61E-05	0.191419	-5.22414	0.0719648	0.671094	-1.49011	0.00515689	0.480262	-2.0822	0.389497	1.19137	1.19137	0.695735	1.08117	1.08117
cg16106427	STK32C	0.00133333	0.0772753	1.52043	1.52043	0.00134678	2.70064	2.70064	0.115791	0.694432	-1.44003	0.0060628	0.465555	-2.14798	0.756382	1.06864	1.06864
cg26866949	STK32C	0.00149024	0.0594333	1.62131	1.62131	0.0214175	1.87344	1.87344	0.927142	1.02099	1.02099	0.561034	1.14282	1.14282	0.000342472	0.269959	-3.70427
cg07053216	STK32C	0.00182807	0.989706	0.998121	-1.00188	0.171192	1.23659	1.23659	0.00359044	0.562834	-1.77672	0.00011104	0.371237	-2.6937	0.140423	1.26005	1.26005
cg05225065	STK32C	0.0027451	0.0132781	0.486914	-2.05375	0.00026941	0.246215	-4.0615	0.0539633	0.598636	-1.67047	0.0737318	0.626536	-1.59608	0.000375554	0.263507	-3.79496
cg04967200	STK32C	0.00289767	0.000167682	0.233199	-4.28817	0.0137759	0.500609	-1.99757	0.455995	0.841527	-1.18832	0.6309	1.11629	1.11629	0.114882	0.677317	-1.47641
cg06036563	STK32C	0.00303177	0.000681876	0.216657	-4.61558	0.672193	0.882126	-1.13363	0.0321305	0.477281	-2.0952	0.849128	0.945425	-1.05773	0.304797	0.731134	-1.36774
cg13504993	STK32C	0.00314401	0.403552	0.604877	-1.65323	0.00738078	7.61756	7.61756	0.00350883	10.2655	10.2655	0.0129497	6.13602	6.13602	0.030343	0.223745	-4.46938
cg08386897	STK32C	0.0032132	0.00199222	0.0548528	-18.2306	0.00134193	0.0450872	-22.1793	0.0186482	0.150092	-6.66256	0.0268887	0.174947	-5.71602	0.00292411	0.0659498	-15.163
cg10843401	STK32C	0.00335061	0.00522877	0.265646	-3.76441	0.0017835	0.201899	-4.95298	0.0126449	0.327792	-3.05072	0.0496708	0.446785	-2.23821	0.00510975	0.264151	-3.78571
cg09124518	STK32C	0.00398982	0.00985607	0.298794	-3.34678	0.459125	0.756409	-1.32204	0.672211	0.854172	-1.17072	0.195182	0.602027	-1.66105	0.00123635	0.173944	-5.74899
cg16123707	STK32C	0.00457913	0.00549922	0.606256	-1.64947	0.0257616	0.695524	-1.43777	0.899029	0.982745	-1.01756	0.155124	0.811712	-1.23196	0.000895632	0.505697	-1.97747

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11161755	0.902465	1.04635	1.04635	0.00817663	0.286315	-3.49265	0.265167	0.65108	-1.53591	0.0344809	0.40201	-2.4875	5.07289	10.9715	1.92247	1
cg19782271	0.632908	1.10058	1.10058	0.012901	1.84926	1.84926	0.096807	0.695573	-1.43766	0.456777	1.16292	1.16292	5.06304	3.18042	0.558368	1
cg19873297	0.0427327	0.396065	-2.52484	0.00202276	0.177495	-5.63396	0.00869275	0.265066	-3.77264	0.193584	0.579145	-1.72668	5.02109	12.5373	2.21949	1
cg25380021	0.0499395	0.472621	-2.11586	0.507951	0.798406	-1.2525	0.00666296	3.25474	3.25474	0.934095	0.972657	-1.02811	4.46408	7.94426	1.58186	1
cg05642190	0.550401	0.898849	-1.11253	0.00868248	1.80465	1.80465	0.19358	0.784426	-1.27482	0.828421	0.962415	-1.03905	4.17306	2.05897	0.438574	1
cg16532100	0.848065	0.977194	-1.02334	0.0381226	0.748938	-1.33522	0.659678	0.948093	-1.05475	0.0886933	0.797821	-1.25341	3.83059	0.877716	0.203674	1
cg21508023	0.729161	0.960569	-1.04105	0.00167178	0.594391	-1.68239	0.577142	0.936887	-1.06736	0.444621	0.913755	-1.09439	3.77827	0.801573	0.188581	1
cg26651429	0.0408527	0.823464	-1.21438	0.00488434	1.3593	1.3593	0.278127	0.911377	-1.09724	0.874689	1.01307	1.01307	3.58536	0.384471	0.0953186	1
cg09758705	0.187384	1.22913	1.22913	0.00050142	2.23343	2.23343	0.840638	0.970711	-1.03017	0.591622	0.923152	-1.08325	7.10425	2.45285	0.306902	1
cg22467470	0.00450116	0.261152	-3.82918	0.849199	0.934733	-1.06982	0.219734	1.58023	1.58023	0.202377	0.620496	-1.61161	4.58824	9.13607	1.76995	1
cg14524579	0.0298604	0.28626	-3.49332	0.0341804	0.298312	-3.3522	0.936657	1.03967	1.03967	0.246592	0.552656	-1.80945	4.03454	15.3067	3.37236	1
cg17151991	0.364051	0.591603	-1.69032	0.00624016	0.134529	-7.43336	0.0479175	0.280082	-3.57038	0.0807422	0.336246	-2.97401	3.7499	18.8089	4.45852	1
cg04583149	0.538317	0.682122	-1.46601	0.0048189	0.100641	-9.93635	0.0893696	0.316622	-3.15834	0.184552	0.421428	-2.37288	3.64713	21.7751	5.30708	1
cg08256018	0.00476211	0.406722	-2.45868	0.34307	1.26422	1.26422	0.901067	1.0303	1.0303	0.32515	0.783585	-1.27619	3.61021	3.29428	0.811102	1
cg22240650	0.614895	0.923144	-1.08325	0.00692319	1.73491	1.73491	0.0958412	1.33423	1.33423	0.676602	0.936012	-1.06836	3.53251	1.39039	0.349865	1
cg06366810	0.62308	0.867095	-1.15328	0.114728	0.610307	-1.63852	0.655486	0.878736	-1.138	0.000289124	0.182263	-5.48658	14.6537	19.2328	1.16665	1
cg04209035	0.0867332	0.682985	-1.46416	0.00816307	0.505454	-1.97842	0.362456	1.20761	1.20761	0.501125	1.14753	1.14753	7.50262	4.82627	0.571802	1
cg00713953	0.349739	1.10223	1.10223	0.000546242	0.580916	-1.72142	0.636069	0.952942	-1.04938	0.238114	0.882536	-1.1331	4.60236	0.745348	0.143955	1
cg18338495	0.0210069	0.775086	-1.29018	0.474776	1.06898	1.06898	0.0524823	1.22427	1.22427	0.0860652	0.840246	-1.19013	13.0553	1.74127	0.118558	1
cg08098128	0.126547	0.90496	-1.10502	0.816446	0.986049	-1.01415	0.139566	0.908406	-1.10083	0.000927519	0.741712	-1.34823	12.7786	0.738881	0.0513972	1
cg10862587	0.0711893	0.762306	-1.31181	0.00328037	0.582984	-1.71531	0.567299	0.925088	-1.08098	0.0613594	0.752867	-1.32826	11.6601	3.34915	0.255316	1
cg05415936	0.000181795	0.566258	-1.76598	0.574755	0.950356	-1.05224	0.0008975	1.56283	1.56283	0.548097	1.05611	1.05611	31.2839	3.99742	0.113581	1
cg12708735	0.541127	0.884622	-1.13043	0.0441446	1.58129	1.58129	0.139117	0.729445	-1.3709	0.647567	0.912826	-1.0955	8.48025	5.27429	0.552845	1
cg17707057	0.241495	0.703886	-1.42068	0.0576408	0.54073	-1.84935	0.159407	1.53827	1.53827	0.0236698	0.461332	-2.16764	7.26942	9.44393	1.15478	1
cg03345106	0.000811922	0.209479	-4.77376	0.688139	1.13302	1.13302	0.992074	1.00308	1.00308	0.492685	0.806012	-1.24068	3.50448	5.31727	1.34869	1
cg14426688	0.912575	0.975682	-1.02492	0.0650144	0.628493	-1.59111	0.0198912	0.532557	-1.87773	0.87706	1.03531	1.03531	3.43606	2.73441	0.707377	1
cg20299002	0.138311	0.582752	-1.71599	0.982251	0.9925	-1.00756	0.000328609	0.140398	-7.12261	0.344332	1.39045	1.39045	7.83284	12.6281	1.6122	1
cg03896661	0.344594	0.76438	-1.30825	0.00544732	0.364529	-2.74327	0.047774	0.535428	-1.86766	0.0147683	0.436897	-2.28887	6.28035	7.57714	1.07243	1
cg08043048	0.830188	1.05711	1.05711	0.0241655	0.499015	-2.00395	0.0217535	0.490553	-2.03851	0.871647	1.0427	1.0427	5.77429	6.11494	0.941328	1
cg27452117	0.0453114	0.722968	-1.38319	0.444699	0.89577	-1.11636	0.00486927	1.6944	1.6944	0.0803495	1.31526	1.31526	5.13405	1.62282	0.280968	1
cg18949409	0.787058	0.959187	-1.04255	0.0024752	0.52335	-1.91077	0.211987	1.22426	1.22426	0.123026	1.29322	1.29322	4.77557	1.79132	0.333423	1
cg14462124	0.0819461	0.219559	-4.55459	0.0256975	0.124408	-8.03807	0.39205	0.501701	-1.99322	0.013585	0.0905311	-11.0459	3.7701	36.9448	8.71059	1
cg15023571	0.0714525	0.332928	-3.00365	0.0358328	0.263366	-3.79699	0.0980257	0.370992	-2.69547	0.0959158	0.368223	-2.71574	3.65747	17.2906	4.2022	1
cg26535835	0.651804	0.848682	-1.1783	0.00519433	3.78959	3.78959	0.0187041	0.357267	-2.79902	0.227947	0.633125	-1.57947	3.65723	7.55602	1.83649	1
cg09230350	0.484395	0.864152	-1.1572	0.0238567	0.574644	-1.74021	0.000334175	3.28397	3.28397	0.871636	1.03378	1.03378	8.47462	5.66653	0.594353	1
cg04654261	0.0488802	0.456083	-2.19258	0.00061753	0.158857	-6.29498	0.0296931	0.409295	-2.44322	0.00144648	0.200527	-4.98685	11.6638	22.5079	1.71531	1
cg22283528	0.00203425	0.398843	-2.50725	0.00281645	0.419151	-2.38577	0.0679362	0.649189	-1.54038	0.00291555	0.421337	-2.3734	8.83409	6.24752	0.628628	1
cg15010006	0.00537928	0.254888	-3.9233	0.0340326	0.397396	-2.51638	0.0401358	0.412899	-2.4219	0.0506114	0.435686	-2.29523	4.3203	9.51905	1.95851	1
cg08721491	0.103703	0.615302	-1.62522	0.720006	0.906432	-1.10323	0.911915	1.03066	1.03066	0.857789	1.05017	1.05017	3.76297	4.43939	1.04867	1
cg14666908	0.0296383	0.246552	-4.05594	0.0125414	0.183024	-5.46376	0.168912	0.448618	-2.22907	0.043899	0.281823	-3.54832	3.51389	16.6437	4.21025	1
cg10874097	0.0664676	0.486323	-2.05625	0.00144051	0.199204	-5.01999	0.216717	0.634268	-1.57662	0.0800029	0.506427	-1.97462	5.5822	10.8464	1.72714	1
cg01031999	0.00270334	0.418389	-2.39012	0.00608426	0.470926	-2.12348	0.00011713	0.242059	-4.13122	0.000230309	0.276399	-3.61796	31.0879	21.7669	0.622376	1
cg03031281	0.227682	0.771438	-1.29628	0.00146424	0.390074	-2.56361	0.0494675	0.631678	-1.58309	0.00564222	0.475032	-2.10512	16.7023	11.1083	0.591177	1
cg19203836	0.0483159	1.30308	1.30308	0.000673696	0.543302	-1.8406	0.0685802	0.787266	-1.27022	0.138348	1.20587	1.20587	8.19532	1.78675	0.193796	1
cg10914467	0.149656	0.520114	-1.92266	0.00132326	0.138547	-7.21776	0.00438428	0.199865	-5.00339	0.0750179	0.432124	-2.31415	6.01955	17.0734	2.52118	1
cg23945481	0.0368438	0.231676	-4.31638	0.00439229	0.100866	-9.91418	0.0072666	0.123885	-8.07198	0.0680881	0.291636	-3.42894	5.40872	31.16	5.12095	1
cg20069688	0.030564	0.585749	-1.70722	0.00306469	0.425936	-2.34777	0.0525259	0.628767	-1.59042	0.0386587	0.604069	-1.65544	4.30687	3.02188	0.623682	1
cg17339327	0.0436753	0.175124	-5.71025	0.00953063	0.0848452	-11.7862	0.00956213	0.084983	-11.7671	0.0429081	0.173682	-5.75766	4.10805	36.7233	7.94608	1
cg02070866	0.543318	0.961295	-1.04026	0.0203347	0.835726	-1.19656	0.686001	1.02642	1.02642	0.0191677	1.19944	1.19944	3.91319	0.255146	0.057957	1
cg20194050	0.108627	0.315387	-3.17071	0.0113372	0.117816	-8.48781	0.0175544	0.143692	-6.95933	0.126671	0.336896	-2.96827	3.92542	25.7576	5.10358	1
cg12776033	0.0505586	0.352979	-2.83303	0.0293668	0.301409	-3.31776	0.0195884	0.267622	-3.73661	0.262629	0.57935	-1.72607	3.59316	12.4299	3.07495	1
cg04149916	0.0729312	0.345155	-2.89725	0.0223026	0.233071	-4.29054	0.0199345	0.224458	-4.45518	0.109513	0.395374	-2.52925	3.57094	15.9949	3.98149	1
cg12149319	0.768321	1.04483	1.04483	0.0494358	1.39491	1.39491	0.26386	0.841227	-1.18874	0.000657283	0.460765	-2.1703	34.3868	12.0012	0.310228	1
cg03661299	0.000851301	0.609015	-1.642	0.515275	1.06745	1.06745	0.0111923	1.36956	1.36956	0.0026804	0.663258	-1.50771	14.9308	2.31447	0.137789	1
cg27344985	0.0268236	0.736703	-1.3574	0.308247	1.13074	1.13074	0.0372045	1.32551	1.32551	0.70049	0.955968	-1.04606	6.88549	1.48025	0.191094	1
cg17439357	0.00660516	0.215412	-4.64226	0.0553769	0.388517	-2.57389	0.77028	0.880317	-1.13595	0.265717	0.603558	-1.65684	4.21447	12.6506	2.66818	1
cg17370481	0.961828	1.01333	1.01333	6.22E-06	0.0610487	-16.3804	0.972086	0.990363	-1.00973	0.607263	0.866346	-1.15427	13.2239	16.039	1.07812	1
cg09080523	0.8293	0.951683	-1.05077	0.000170931	0.231003	-4.32894	0.773151	1.06854	1.06854	0.281662	1.29257	1.29257	6.67716	5.56354	0.740639	1
cg20510378	0.670084	0.817179	-1.22372	0.00694546	0.192919	-5.18352	0.277814	0.587618	-1.70179	0.0526447	0.354204	-2.82323	3.96241	13.9283	3.12454	1
cg12456973	0.493461	0.620792	-1.61085	0.00629636	0.0872083	-11.4668	0.0172558	0.136881	-7.30564	0.0311235	0.176527	-5.66486	3.95979	29.4726	6.61597	1
cg20284673	0.648976	1.047	1.047	0.183971	0.868252	-1.15174	0.197119	0.872257	-1.14645	0.0102172	1.38343	1.38343	3.77072	0.599975	0.141435	1
cg01053282	0.124619	1.14429	1.14429	9.85E-05	1.7519	1.7519	0.257226	0.908592	-1.1006	0.627488	0.961131	-1.04044	11.0772	1.15307	0.092528	1
cg10057295	0.0253485	0.494758	-2.02119	0.00014261	0.176194	-5.67555	0.00325963	0.345805	-2.89181	0.0017448	0.30683	-3.25913	10.3935	11.5356	0.986565	1
cg24981097	0.193188	0.622921	-1.60534	0.00170514	0.214378	-4.66467	0.435112	1.31486	1.31486	0.0397854	0.441717	-2.26389	6.64264	12.4312	1.66349	1
cg23954655	0.446633	0.817447	-1.22332	0.00170998	0.312357	-3.20147	0.04564	1.81395	1.81395	0.0739983	0.596054	-1.6777	6.5613	7.01675	0.950591	1
cg02088785	0.314733	0.635827	-1.57275	0.00156354	0.138127	-7.23971	0.183037	1.85039	1.85039	0.104122	0.461192	-2.16829	5.65632	16.9963	2.67096	1
cg01077841	0.896867	1.02196	1.02196	0.000902232	0.435244	-2.29756	0.535988	0.900357	-1.11067	0.0888725	0.730304	-1.36929	5.50031	2.44351	0.394889	1
cg25032321	0.065867	0.295163	-3.38795	0.00117757	0.0599499	-16.6806	0.00583497	0.118326	-8.45119	0.0731359	0.306771	-3.25976	4.85319	26.8706	4.9215	1
cg13936797	0.752074	0.963906	-1.03745	0.00228385	1.64014	1.64014	0.118333	0.821451	-1.21736	0.139466	0.831545	-1.20258	4.4596	0.950306	0.189415	1
cg20850243	0.462737	0.917524	-1.08989	0.132633	0.829567	-1.20545	0.0467613	0.769388	-1.29973	0.284888	0.879931	-1.13645	3.68349	0.77356	0.186673	1
cg08221272	0.509768	1.10384	1.10384	4.81E-05	0.322876	-3.09717	0.0253258	0.675139	-1.48118	0.184665	0.812303	-1.23107	10.2288	3.53658	0.307332	1
cg09994022	0.300123	1.11007	1.11007	0.00224633	1.51588	1.51588	0.549168	0.94276	-1.06072	0.0589813	0.812709	-1.23045	7.47517	1.11969	0.133144	1
cg01536299	0.0121623	0.528647	-1.89162	0.0953356	0.688128	-1.45322	0.673837	1.09019	1.09019	0.00486928	0.467015	-2.14126	6.71243	4.42324	0.585745	1
cg07505941	0.995811	1.00119	1.00119	0.000333692	0.268064	-3.73045	0.420471	0.829276	-1.20587	0.0828545	0.64608	-1.5478	5.6645	4.6412	0.728309	1
cg03234072	0.0795176	0.718145	-1.39248	0.0309147	1.5389	1.5389	0.0105872	1.72789	1.72789	0.298707	0.832574	-1.20109	5.53822	2.53821	0.407385	1
cg08731009	0.11717	0.429991	-2.32563	0.000530381	0.0688568	-14.5229	0.370888	0.634035	-1.5772	0.0726954	0.370479	-2.69921	5.52328	21.5125	3.46212	1
cg16924565	0.0416643	0.409716	-2.44071	0.0372737	0.399081	-2.50576	0.27296	0.648217	-1.54269	0.0581588	0.443266	-2.25598	5.34963	12.2325	2.03254	1
cg07340007	0.0224475	0.148652	-6.72711	0.00615971	0.0828459	-12.0706	0.0378974	0.186752	-5.35469	0.0691459	0.242323	-4.12673	5.13339	39.5039	6.84042	1
cg27106230	0.0567213	0.839567	-1.19109	0.95555	1.00453	1.00453	0.0018559	0.698962	-1.43069	0.198514	0.895678	-1.11647	3.72907	0.388264	0.0925495	1
cg03461548	0.3218	1.19693	1.19693	0.375269	1.1733	1.1733	0.665747	0.926509	-1.07932	0.0230691	0.620493	-1.61162	3.43654	1.67879	0.434232	1
cg12903924	0.691701	0.931362	-1.0737	7.20E-06	0.170724	-5.85742	0.622923	0.915378	-1.09244	0.4622	1.14285	1.14285	13.042	6.5741	0.448063	1
cg08129953	0.0717168	0.670328	-1.49181	0.495992	0.871526	-1.14741	0.0403071	1.60196	1.60196	0.202332	1.30704	1.30704	10.48	6.56793	0.557076	1
cg01248010	0.183753	0.847383	-1.1801	0.056085	0.775627	-1.28928	9.18E-05	2.27116	2.27116	0.0802866	1.25588	1.25588	7.9216	1.73001	0.194126	1
cg22193247	0.597797	0.917957	-1.08938	0.227481	0.815697	-1.22595	0.000207356	2.71464	2.71464	0.0918439	1.34773	1.34773	7.49778	3.07011	0.363972	1
cg02344857	0.270063	1.12095	1.12095	0.000691109	0.597563	-1.67346	0.0113844	1.37016	1.37016	0.95689	0.99464	-1.00539	5.43561	0.850836	0.139138	1
cg13788902	0.915971	0.960444	-1.04118	0.0653344	0.453331	-2.20589	0.845246	0.927995	-1.07759	0.160192	0.563388	-1.77497	4.31199	9.98668	2.05869	1
cg14172532	0.881723	0.982697	-1.01761	0.00804777	1.48884	1.48884	0.00493457	1.54733	1.54733	0.0254064	1.36542	1.36542	4.21663	0.917837	0.193485	1
cg21144270	0.945665	0.988199	-1.01194	0.0305991	0.64243	-1.55659	0.033962	1.53906	1.53906	0.435433	1.14867	1.14867	4.16265	2.00016	0.427112	1
cg20673075	0.237666	0.863168	-1.15852	0.00582139	0.650779	-1.53662	0.00190855	1.6871	1.6871	0.000973266	1.79275	1.79275	20.3532	4.56129	0.199206	1
cg02675173	0.453504	0.873016	-1.14545	0.624546	0.916013	-1.09169	0.00197815	2.17549	2.17549	0.77497	1.0523	1.0523	9.35694	4.68719	0.445273	1
cg05803606	0.0393219	0.716883	-1.39493	0.000960068	1.98686	1.98686	0.000966584	1.98539	1.98539	0.11631	1.26901	1.26901	9.27334	2.86217	0.274352	1
cg18569825	0.0140053	0.547201	-1.82748	0.00132247	2.53001	2.53001	0.429524	1.17381	1.17381	0.210222	1.30002	1.30002	5.77682	3.61286	0.555917	1
cg00069432	0.638295	0.915444	-1.09237	0.775935	1.05469	1.05469	0.37574	0.843988	-1.18485	0.211629	0.782293	-1.27829	5.21341	2.8746	0.490121	1
cg15648444	0.0351553	1.83305	1.83305	0.793274	1.067	1.067	0.996098	0.998793	-1.00121	0.185649	0.70711	-1.41421	4.90277	4.73506	0.858482	1
cg11971662	0.804374	0.918376	-1.08888	0.0446881	0.453492	-2.20511	0.556579	1.22632	1.22632	0.109137	0.549135	-1.82105	4.08176	7.60999	1.65723	1
cg09941453	0.361356	1.14183	1.14183	0.00199266	1.85335	1.85335	0.598144	1.07808	1.07808	0.0803139	0.760161	-1.31551	3.88737	1.2301	0.281276	1
cg27147306	0.394558	0.838127	-1.19314	0.826017	0.956399	-1.04559	0.193611	1.32121	1.32121	0.751407	0.93767	-1.06647	3.60446	2.34096	0.577299	1
cg15920472	0.112858	0.635546	-1.57345	0.00236664	0.328383	-3.04523	0.0102639	2.33898	2.33898	0.0467885	0.549985	-1.81823	18.3671	20.0672	0.971167	1
cg05407490	0.000171962	0.281109	-3.55734	0.000655155	0.354057	-2.8244	0.0904792	1.44897	1.44897	0.298117	0.807001	-1.23916	14.0982	8.82564	0.556456	1
cg06832339	0.0220847	0.565128	-1.76951	5.12E-05	4.83917	4.83917	0.00453362	2.19524	2.19524	0.991817	0.99787	-1.00213	12.2839	8.41056	0.608607	1
cg13802883	0.107007	0.702439	-1.42361	0.0839639	1.46792	1.46792	0.310767	1.23432	1.23432	0.0133571	0.540548	-1.84997	9.49525	6.05958	0.567262	1
cg13514718	0.0516416	2.01264	2.01264	0.00359038	3.47378	3.47378	0.0250347	2.32068	2.32068	0.0266053	2.2929	2.2929	7.54515	11.9157	1.40378	1
cg25612145	0.10739	1.46653	1.46653	0.022043	1.81909	1.81909	0.972741	1.00747	1.00747	0.470424	1.1735	1.1735	4.71636	3.54644	0.668394	1
cg00091742	0.236269	0.8287	-1.20671	0.0271024	1.48604	1.48604	0.411718	0.880664	-1.13551	0.00475463	0.566876	-1.76406	4.11411	1.49362	0.32271	1
cg17613911	0.241081	0.530745	-1.88414	0.014133	0.209462	-4.77413	0.351085	1.64116	1.64116	0.818672	1.12585	1.12585	3.75503	15.8465	3.75116	1
cg04834956	0.00145936	0.290912	-3.43747	6.18E-05	0.137499	-7.27279	0.000179994	0.182092	-5.49174	0.000603466	0.241508	-4.14065	21.6685	24.7632	1.01584	1
cg27373371	0.559721	0.906178	-1.10354	0.000413996	2.54967	2.54967	0.50072	0.892109	-1.12094	0.972639	1.00575	1.00575	7.62848	3.37109	0.392808	1
cg21882477	0.587521	1.12168	1.12168	0.0792381	0.664631	-1.50459	0.289685	1.25912	1.25912	0.154592	1.37637	1.37637	7.5869	5.28202	0.618847	1
cg17928584	0.70985	0.928076	-1.0775	0.00156353	0.403458	-2.47857	0.0882116	0.686788	-1.45605	0.654875	0.914061	-1.09402	6.78919	4.28902	0.561548	1
cg14801593	0.0232898	1.44806	1.44806	0.0232599	0.690505	-1.44822	0.0204104	0.682784	-1.46459	0.104504	0.784822	-1.27417	6.24265	1.84335	0.262475	1
cg12602126	0.518404	1.08625	1.08625	0.00876095	0.655798	-1.52486	0.0420394	1.34451	1.34451	0.196148	0.841377	-1.18853	5.38988	1.363	0.224783	1
cg13850354	0.565457	0.936683	-1.0676	0.0141286	0.71109	-1.40629	0.142375	1.19428	1.19428	0.302107	1.1279	1.1279	3.7648	0.755727	0.178431	1
cg17187673	0.00433524	1.4993	1.4993	0.000736369	0.579978	-1.7242	0.00400324	1.5081	1.5081	0.840497	0.978821	-1.02164	12.3525	2.20768	0.158865	1
cg10593165	0.654635	1.16055	1.16055	0.00155263	0.222101	-4.50246	0.0234182	2.44849	2.44849	0.0124439	0.357539	-2.7969	10.4177	18.0426	1.53948	1
cg10351287	0.00392405	0.352762	-2.83477	0.04229	0.533708	-1.87368	0.208763	0.700678	-1.42719	0.0953541	0.611476	-1.63539	6.59196	7.52344	1.01449	1
cg21186966	0.876279	0.964942	-1.03633	0.0327912	1.77186	1.77186	0.00132788	2.91319	2.91319	0.15155	0.703304	-1.42186	6.13971	5.10198	0.73865	1
cg27153759	0.763931	0.901239	-1.10958	0.00119957	0.194298	-5.14674	0.0194313	0.376998	-2.65253	0.0602568	0.481128	-2.07845	5.82897	11.0036	1.67799	1
cg02201012	0.379523	1.14006	1.14006	0.00862901	0.614504	-1.62733	0.528618	0.911354	-1.09727	0.00688768	0.60129	-1.66309	5.76372	1.92998	0.297644	1
cg25612057	0.113537	0.371422	-2.69236	0.00308077	0.0972853	-10.279	0.108972	0.365899	-2.733	0.0146016	0.17732	-5.63951	5.05761	26.4994	4.65734	1
cg14193290	0.312514	0.740638	-1.35019	0.0516486	1.88995	1.88995	0.93831	0.978	-1.02249	0.225853	0.693841	-1.44125	4.51771	5.90967	1.16277	1
cg22551741	0.000374586	0.224547	-4.45341	0.838375	0.947785	-1.05509	0.822657	1.06072	1.06072	0.601638	1.14832	1.14832	4.49748	4.91098	0.970615	1
cg21929235	0.124777	0.688014	-1.45346	0.153667	1.41021	1.41021	0.597398	1.12743	1.12743	0.12395	0.687356	-1.45485	4.11782	3.3024	0.71287	1
cg01530024	0.0212198	0.529741	-1.88771	0.882066	1.03464	1.03464	0.865539	0.961872	-1.03964	0.177411	0.719785	-1.3893	3.82754	3.1894	0.740691	1
cg08906246	0.153833	0.349994	-2.85719	0.00656934	0.0882849	-11.327	0.0360781	0.187083	-5.34522	0.0702555	0.248729	-4.02044	3.81584	28.5717	6.65569	1
cg18827954	0.613105	0.936017	-1.06836	0.0626243	0.762081	-1.3122	0.725234	1.04682	1.04682	0.154258	1.21868	1.21868	13.3304	3.5504	0.236745	1
cg02274361	0.268409	1.15316	1.15316	0.0337794	0.736063	-1.35858	0.0745457	1.27838	1.27838	0.000503544	0.510504	-1.95885	62.4136	15.107	0.215152	1
cg17814014	0.230993	0.757686	-1.31981	0.854206	1.04146	1.04146	1.24E-06	0.0633927	-15.7747	0.0455169	0.602613	-1.65944	32.0627	24.7663	0.686609	1
cg14909329	0.0398353	0.478409	-2.09026	0.0515333	1.98909	1.98909	8.54E-07	0.0170861	-58.5271	0.0117037	0.37631	-2.65738	29.896	45.5841	1.35534	1
cg27357238	0.000723065	0.357741	-2.79532	6.88E-05	0.23351	-4.28248	0.18938	0.757389	-1.32033	0.000589231	0.346059	-2.88968	19.3192	12.2241	0.562438	1
cg07600170	0.0892011	0.689235	-1.45088	0.346866	1.21209	1.21209	0.416488	1.17927	1.17927	5.36E-05	0.223975	-4.46478	16.6653	10.4071	0.55509	1
cg16106427	0.237972	1.30172	1.30172	0.000228372	3.69232	3.69232	0.349583	1.22802	1.22802	0.0593298	0.63501	-1.57478	10.8402	7.81262	0.64063	1
cg26866949	0.0476766	0.597902	-1.67251	0.446259	1.19283	1.19283	0.000411075	0.279723	-3.57496	0.501767	0.856555	-1.16747	10.4993	8.57728	0.726167	1
cg07053216	0.0330248	1.43813	1.43813	0.623706	1.07473	1.07473	0.375568	0.87586	-1.14173	0.0486589	0.720197	-1.38851	9.89724	3.33004	0.299077	1
cg05225065	0.052269	0.595861	-1.67824	0.00480786	0.415817	-2.4049	0.375607	0.807936	-1.23772	0.173185	0.71182	-1.40485	8.78628	7.65478	0.774417	1
cg04967200	0.0236162	0.541086	-1.84814	0.106785	1.49206	1.49206	0.165451	1.3996	1.3996	0.0110083	0.484401	-2.06441	8.64672	7.07229	0.727037	1
cg06036563	0.489868	1.22962	1.22962	0.000288629	0.174991	-5.71459	0.531322	1.20546	1.20546	0.00896717	0.375535	-2.66286	8.53142	11.7334	1.22251	1
cg13504993	0.00781036	7.45115	7.45115	0.0297138	4.5039	4.5039	0.00206713	12.8262	12.8262	0.868707	1.10219	1.10219	8.4397	46.2378	4.86987	1
cg08386897	0.00281351	0.064757	-15.4423	0.0231245	0.164278	-6.08725	0.00318494	0.0686586	-14.5648	0.721854	0.788423	-1.26835	8.38516	58.7385	6.22672	1
cg10843401	0.00743732	0.289285	-3.4568	0.0559833	0.45889	-2.17917	0.000622891	0.150486	-6.64512	0.816096	1.08744	1.08744	8.28109	16.9797	1.8226	1
cg09124518	0.161783	0.575032	-1.73903	0.431987	0.743029	-1.34584	0.000138843	0.0872988	-11.4549	0.142206	0.557465	-1.79384	7.85853	17.0725	1.9311	1
cg16123707	0.00759905	1.60112	1.60112	0.0290053	0.702637	-1.42321	0.728932	0.953418	-1.04886	0.172782	0.8196	-1.22011	7.53773	2.24443	0.264676	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Ratio(105T vs. N)	Fold-Change(1 vs.057 vs. N)	Ratio(111T vs. N)	Fold-Change(1 vs.117 vs. N)	Ratio(112T vs. N)	Fold-Change(1 vs.127 vs. N)	Ratio(121T vs. N)	Fold-Change(1 vs.127 vs. N)	Ratio(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(1 vs.477 vs. N)	p-value(353T vs. N)	Fold-Change(1 vs.537 vs. N)	Ratio(353T vs. N)	Fold-Change(1 vs.537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs.377 vs. N)	p-value(5 vs. N)	Fold-Change(1 vs.637 vs. N)	Ratio(563T vs. N)	Fold-Change(1 vs.637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg04158028	STK32C	0.00563126	0.00258481	2.23743	-4.25996	0.00124123	0.194417	-5.14358	0.13506	0.571748	-1.74902	0.0226765	0.3842	-2.60281	0.0360469	0.429056	2.3307	0.00538592	0.280412	-3.56618	0.00545552	0.281018	-3.55849	0.00796155	0.307099	-3.25628	0.488449	0.783102	-1.27665	0.07532	13.4946	1.69536	1
cg19754622	STK32C	0.00572701	0.875534	0.945599	-1.05753	0.117601	1.83402	1.83402	0.00141621	0.192357	-1.59867	0.00320635	0.237969	-4.20222	0.654168	0.117458	1.74758	0.875879	0.945747	-1.05737	0.04012	0.23122	2.33122	0.878279	0.946777	-1.05621	0.00975448	0.311498	-3.21029	0.70948	14.1981	1.79282	1
cg02484745	STK32C	0.00577479	0.00165758	2.13521	2.13521	0.593007	0.912481	-1.09591	0.000997307	0.4381	-2.28258	0.0917036	1.36821	1.36821	0.0390251	1.49681	1.49681	0.941696	0.987727	-1.01243	0.66604	1.07606	1.07606	0.892638	1.02306	1.02306	0.599303	0.914516	-1.09347	7.0215	3.16983	0.401286	1
cg05184308	STK32C	0.00642837	0.4597577	1.11037	1.11037	0.495302	1.1011	1.1011	0.933704	1.10164	1.101164	0.0329075	1.706757	-1.41491	0.0764259	1.31545	1.31545	0.748	0.955776	-1.04602	0.000315929	1.25186	1.25186	0.223073	1.19402	1.19402	0.0323604	1.705731	-1.41697	6.79268	2.08157	0.272394	1
cg00355188	STK32C	0.00796492	0.819708	0.980952	-1.01942	0.876766	0.987012	-1.01316	0.80425	1.02114	1.02114	1.10257	1.15792	1.15792	0.867151	1.0142	1.0142	0.044053	1.2152	1.2152	0.00218249	1.68085	0.0423922	0.821255	-1.21765	0.565828	0.15001	1.35292	0.734049	0.0999084	1
cg13817203	STK32C	0.00851345	0.6065888	0.822743	-1.21545	0.587826	1.22792	1.22792	0.693346	0.861831	-1.16032	0.864744	1.06606	1.06606	0.0453316	0.4225259	-2.36653	0.641568	1.19231	1.19231	0.0804393	2.06997	2.06997	0.000219947	0.0992237	-10.0768	0.342398	1.44343	1.44343	0.220911	13.8698	1.98181	1
cg18308755	STK32C	0.00858479	0.8772324	0.978497	-1.02198	0.00694722	1.63416	1.63416	0.197933	0.82584	-1.21089	0.8651044	0.976374	-1.0242	0.2998	0.859761	-1.16311	0.000965526	1.99568	1.99568	0.106901	1.28084	1.28084	0.477878	1.1068	1.1068	0.0349394	0.707787	-1.41285	6.21297	1.94575	0.278379	1
cg00485391	STK32C	0.0101081	0.768813	0.931331	-1.07361	0.0209396	1.934894	-1.70971	0.101926	0.748582	-1.33586	0.0194486	0.631348	-1.58391	0.544806	1.10497	1.10497	0.00543172	0.551123	-1.81448	0.00215065	0.595282	-1.67969	0.0165228	0.503675	-1.98555	0.0215242	0.63784	-1.56779	5.89033	2.47447	0.373414	1
cg25197240	STK32C	0.0106617	0.00590097	2.272682	1.662727	0.00259516	0.221904	-4.50645	0.0170734	0.5503	-1.81825	0.0252452	0.489675	-2.04217	0.0220419	0.373153	2.69286	0.0389657	0.422256	2.36823	0.0425094	0.430575	-2.32437	0.00440889	0.253819	-3.93982	0.0096497	0.995699	-1.00432	5.79043	0.91342	1.83202	1
cg20372740	STK32C	0.0115016	0.495396	1.07581	1.07581	0.357269	0.904896	-1.1051	0.930595	1.00924	1.00924	0.825505	0.976962	-1.02358	0.0435689	1.27755	1.27755	0.0280245	1.31515	1.31515	0.000638734	1.73921	1.73921	0.297129	1.12086	1.12086	0.0512764	0.791149	-1.26398	5.6506	0.9970107	0.156854	1
cg08485649	STK32C	0.0119999	0.79472	1.060993	1.060993	0.435786	1.16269	1.16269	0.145316	0.654154	-1.52869	0.1495158	0.793078	-1.26111	0.0923708	1.33255	1.33255	0.0415609	1.70755	1.70755	0.0075284	2.13776	2.13776	0.0136365	0.526419	-1.89963	0.57752	1.14117	2.2506	1		
cg12161132	STK32C	0.0120786	0.040291	1.66912	1.66912	0.376022	1.68469	1.68469	0.0120952	0.508382	-1.96702	0.0448867	0.607872	-1.64508	0.515397	1.15402	1.15402	0.00484779	0.448343	-2.24299	0.223201	1.3184	1.3184	0.821374	1.05012	1.05012	0.826628	0.953674	-1.04858	5.56171	4.11877	0.658275	1
cg08301493	STK32C	0.0144207	0.1125631	0.787447	-1.27039	0.00389555	0.563273	-1.77534	0.0281736	0.669264	-1.44391	0.0448486	0.990885	-1.00912	0.2999351	0.858781	-1.16444	0.116503	0.785547	-1.27351	0.00719238	1.16366	1.16366	0.981872	0.990765	-1.00123	0.194819	0.800562	-1.2495	5.29389	1.67039	0.282769	1
cg17555624	STK32C	0.0146098	0.0387544	1.59019	1.59019	0.167267	1.74944	1.74944	0.00396451	0.21891	-2.11891	0.110865	0.40027	-2.49727	0.16787	1.32959	1.32959	0.0180784	1.74455	1.74455	0.00132993	2.47067	2.47067	0.146413	1.35275	1.35275	0.140734	1.35947	1.35947	5.21893	3.10485	0.528817	1
cg16033410	STK32C	0.0151214	0.0434736	0.452693	-2.209	0.631522	0.847952	-1.17931	0.597131	0.853351	-1.19969	0.0802978	0.515693	-1.93914	0.0202906	0.247304	-4.04361	0.292791	0.688989	-1.4514	0.00330356	0.255136	-3.91948	0.00355567	0.259321	-3.85622	0.269247	0.675216	-1.48101	5.1666	9.53405	1.64019	1
cg24198990	STK32C	0.0152183	0.183096	0.750035	-1.33261	0.0245046	0.835511	-1.19703	0.0506581	0.527557	-1.89564	0.0294332	0.510642	-1.95842	0.0284055	0.473834	2.11109	0.389843	0.826205	1.21065	0.505458	0.863634	-1.1579	0.635934	1.109	1.109	0.0998827	0.676251	-1.47874	5.15599	3.84373	0.662657	1
cg24305451	STK32C	0.0171866	0.7272122	0.942802	-1.06067	0.0125008	0.592984	-1.68639	0.0900886	0.730394	-1.36912	0.178009	0.786071	-1.27215	0.662149	0.928723	-1.07675	0.143703	1.30241	1.30241	0.00230886	0.488674	-2.04635	0.108948	1.34179	1.34179	0.281897	1.20692	1.20692	4.95136	2.21806	0.398195	1
cg07562817	STK32C	0.0178539	0.626533	0.922122	-1.08446	0.0224363	0.495359	-2.01874	0.9737	0.994564	-1.00547	0.0341202	1.50493	1.50493	0.557139	0.906494	-1.10315	0.0214853	0.6334	-1.57878	0.470218	1.12914	1.12914	0.571714	1.09909	1.09909	0.0292209	0.653928	-1.52922	4.8865	2.11617	0.384788	1
cg00435248	STK32C	0.0180568	0.1609068	0.836309	-1.8646	0.00250346	0.2183543	-4.29105	0.1690916	0.605535	-1.66241	0.994332	1.002471	1.002447	0.0044767	0.2826224	3.53844	0.0409928	0.4413	-2.26603	0.00776316	0.304299	-3.28624	0.00540633	0.280835	-3.56081	0.430644	0.756531	-1.32182	4.79173	9.13029	1.69371	1
cg25917732	STK32C	0.0193806	0.00978389	0.390157	-2.56307	0.0100944	0.392458	-2.54804	0.60758	0.861352	-1.16097	0.00173683	0.276107	-3.62179	0.717511	0.9006044	-1.11037	0.8232399	1.06557	1.06557	0.146078	0.637869	-1.56772	0.500346	1.21788	1.21788	0.11684	0.612066	-1.63381	4.75504	6.25271	1.16866	1
cg10935736	STK32C	0.0202534	0.00854568	0.373134	-2.68095	0.0242859	0.476535	-2.09855	0.4701	0.79029	-1.2649	0.1891	1.0819	1.0819	0.0153786	1.8819	1.8819	0.0074684	0.3612	-2.7685	0.00134106	0.2302	-4.34367	0.0017355	0.2126	-4.70347	0.0013	0.3000052	0.278275	-3.5931	0.0179186	0.546742	-1.82966	4.64747	2.12721	1		
cg14418756	STK32C	0.0208721	0.545538	0.75089	-1.33175	0.0904464	2.39573	2.39573	0.00743984	0.2984	-3.35046	0.0377704	0.942011	-1.06144	0.7393961	-1.26401	0.9975754	0.985868	-1.01433	0.126083	1.27402	0.975754	0.985868	-1.01433	0.126083	1.27402	0.113859	0.944826	-2.23801	4.63693	7.55034	1.78361	1
cg05493509	STK32C	0.0220167	0.8157305	0.954896	-1.04753	0.0127402	0.924312	-1.08189	0.0362565	0.592251	-1.90022	0.0217517	0.380073	-2.63095	0.0127517	0.3802	2.63095	0.0048417	0.2425	-4.12371	0.00178338	0.2426	-4.12136	0.00234752	0.250891	-3.98555	0.0107621	0.9953	-1.00471	5.52575	0.26765	0.0484205	1
cg04051679	STK32C	0.0238048	0.400427	0.889692	-1.12398	0.0223249	1.45034	1.45034	0.551179	0.921381	-1.08533	0.794135	0.965112	-1.03615	0.480424	0.907192	1.1023	0.995323	0.999204	-1.0008	0.00185857	1.82156	1.82156	0.963555	1.00622	1.00622	0.0179738	1.47757	1.47757	4.43191	1.2943	0.259592	1
cg01604906	STK32C	0.0255955	0.107518	0.649701	-1.53917	0.52703	1.17041	1.17041	0.697273	1.1073	1.10073	0.733564	1.0875	1.08875	0.0767637	0.422389	-2.36749	0.693005	1.02132	1.02132	0.00805302	0.434578	-2.30109	0.0974667	1.56271	1.56271	0.0551232	1.586336	0.412566	4.12561	0.848566	1		
cg21077330	STK32C	0.0276938	0.7563631	0.938455	-1.06576	0.0493407	0.779637	-1.28253	0.0506581	0.527557	-1.89564	0.0294332	0.510642	-1.95842	0.0284055	0.473834	2.11109	0.394277	0.804299	1.24339	0.0506581	0.527557	-1.89564	0.0294332	0.510642	-1.95842	0.0284055	0.473834	2.11109	0.0304987	1.78218	0.478027	2.09102	3.443449	0.0304987	1.78218	0.478027	2.09102	1
cg12735254	STK32C	0.0281456	0.185679	1.4565	1.4565	0.0034705	0.345398	-2.89521	0.145231	1.52065	1.52065	0.176406	1.46979	1.46979	0.109623	1.59581	1.59581	0.0703472	1.71948	1.71948	0.108021	1.59981	1.59981	0.130823	1.54832	1.54832	0.444128	1.23251	1.23251	4.18013	4.75362	1.01084	1
cg00788469	STK32C	0.0287557	0.113532	0.562918	-1.77646	0.0234367	0.495359	-2.01874	0.9737	0.994564	-1.00547	0.0341202	1.50493	1.50493	0.557139	0.906494	-1.10315	0.0249428	0.6334	-1.57878	0.470218	1.12914	1.12914	0.571714	1.09909	1.09909	0.0292209	0.653928	-1.52922	4.8865	2.11617	0.384788	1
cg00435248	STK32C	0.0308568	0.1609068	0.836309	-1.8646	0.00250346	0.2183543	-4.29105	0.1690916	0.605535	-1.66241	0.994332	1.002471	1.002447	0.0044767	0.2826224	3.53844	0.0409928	0.4413	-2.26603	0.00776316	0.304299	-3.28624	0.00540633	0.280835	-3.56081	0.430644	0.756531	-1.32182	4.79173	9.13029	1.69371	1
cg25917732	STK32C	0.0319806	0.00978389	0.390157	-2.56307	0.0100944	0.392458	-2.54804	0.60758	0.861352	-1.16097	0.00173683	0.276107	-3.62179	0.717511	0.9006044	-1.11037	0.8232399	1.06557	1.06557	0.146078	0.637869	-1.56772	0.500346	1.21788	1.21788	0.11684	0.612066	-1.63381	4.75504	6.25271	1.16866	1
cg10935736	STK32C	0.0320254	0.00854568	0.373134	-2.68095	0.0242859	0.476535	-2.09855	0.4701	0.79029	-1.2649	0.1891	1.0819	1.0819	0.0153786	1.8819	1.8819	0.0074684	0.3612	-2.7685	0.00134106	0.2302	-4.34367	0.0017355	0.2126	-4.70347	0.0013	0.3000052	0.278275	-3.5931	0.0179186	0.546742	-1.82966	4.64747	2.12721	1
cg09580072	STK32C	0.0320499	0.806202	0.902856	-1.1076	0.0335599	0.361044	-2.76974	0.780756	1.123	1.123	0.396161	1.43514	1.43514	0.00111128	0.135678	7.37041	0.834243	1.09103	1.09103	0.305956	1.55379	1.55379	0.783782	1.12115	1.12115	0.324072	0.6548	-1.52718	3.99165	10.9279	2.4335	1
cg07178819	STK32C	0.0324782	0.1815367	0.754956	-1.32491	0.0245012	0.630197	-1.58657	0.0836431	0.6037	-1.65637	0.0836431	0.6037	-1.65637	0.0836431	0.6037	-1.65637	0.2315496	-1.90022	0.0127517	0.380073	2.63095	0.0048417	0.2425	-4.12371	0.00178338	0.2426	-4.12136	0.00234752	0.250891	-3.98555	0.0107621	0.9953	-1.00471	5.52575	0.26765	0.0484205	1
cg06525883	STK32C	0.0367775	0.4592093	0.7392	-1.35281	0.206704	-1.70573	1.70573	0.587343	0.802748	-1.24572	0.278711	0.636598	-1.57085	0.00289064	0.193489	5.16825	0.231946	1.65317	1.65317	0.079586	2.1819	2.1819	0.931532	1.03506	1.03506	0.0839575	0.464509	-2.15281	3.7982	0.671681	0.176948	3.79547	2.26348	1		
cg19379569	STK32C	0.0377353	0.100147	0.526656	-1.88877	0.0334247	0.241348	-4.14339	0.0891557	0.513115	-1.94838	0.956896	0.980945	-1.01943	0.19736	0.615661	-1.62427	0.229636	0.383382	-2.60837	0.0379577	0.424652	-2.35487	0.0226889	0.378721	-2.64047	0.73554	0.886327	-1.12825	3.76274	7.55034	1.78361	1
cg00448125	STK32C	0.0383943	0.123841	0.749782	-1.33375	0.0245012	0.630197	-1.58657	0.0836431	0.6037	-1.65637	0.0836431	0.6037	-1.65637	0.0836431	0.6037	-1.65637	0.2315496	-1.90022	0.0127517	0.380073	2.63095	0.0048417	0.2425	-4.12371	0.00178338	0.2426	-4.12136	0.00234752	0.250891	-3.98555	0.0107621	0.9953	-1.00471	5.52575	0.26765	0.0484205	1
cg26688241	STK32C	0.0387398	0.742291	1.09333	1.09333	0.109258	0.623609	-1.60357	0.0169824	0.455125	-2.1972	0.589555	1.15868	1.15868	0.441201	0.808661	-1.23661	0.0860684	1.67012	1.67012	0.0598778	1.77554	1.77554	0.035845	1.93539	1.93539	0.208062	0.698425	-1.43179	3.72673	3.31594	1.02943	1
cg12661272	STK32C	0.0397663	0.122136	0.719102	-1.39066	0.0842737	0.29308	3.41243	0.0008	1.10785	1.10785	0.616534	1.62162	1.62162	0.109757	0.709594	-1.40935	0.1216667	1.18128	1.18128	0.0339284	1.24628	1.24628	0.0605502	1.39118	1.39118	0.0400501	1.2011	0.832604	1.47488	0.678021	0.145931	4.64529	1.1	0.145931	4.64529	1		
cg04208885	STK32C	0.0442048	0.6602884	0.432832	-2.31036	0.0231391	0.335292	-2.98247	0.334029	0.674499	-1.48258	0.0784831	0.461882	-2.16506	0.0022195	0.183784	5.44117	0.236624	0.612579	-1.63244	0.132876	0.526848	-1.89808	0.734468	1.14403	1.14403	0.336476	0.675925	-1.47945	3.71497	0.799	2.19808	1
cg14897419	STK32C,STK32C	0.0452625	0.338582	1.2613	1.2613	0.00024579	0.240382	-4.16004	0.113177	0.666596	-1.50036	0.12939	1.4705	1.4705	0.0828494	1.57142	1.57142	0.107345	0.661262	-1.51226	0.197723	1.37769	1.37769	0.184102	1.39317	1.39317	0.308485	1.28153	1.28153	7.22467	6.33692	0.779664	1
cg00479504	STK32C	0.0457402	0.5734247	1.16842	1.16842	0.361443	1.03938	1.03938	0.905861	1.04371	-1.16501	0.563602	0.977409	-1.02329	0.8364914	1.55245	1.55245	0.0077192	2.14999	-1.36329	9.30E-06	2.76842	2.76842	0.0002607	2.68025	2.68025	0.0078023	2.14538	2.14538	0.0002607	2.68025	2.68025	0.0078023	2.14538	2.14538	0.0002607	2.68025	2.68025	0.0078023	2.14538	2.14538	4.74388	0.67802	0.142893	4.74388	1		
cg09393798	STK33	0.0458513	0.1109558	0.55125	-1.81406	0.0308103	0.60395	-1.65595	0.00327015	0.473372	-2.1125	0.236405	0.793391	-1.26041	0.0010631	0.405503	2.46607	0.0099019	0.999771	-1.00023	0.35036	1.1964	1.1964	0.785638	1.05217	1.05217	0.249445	0.798878	-1.25176	0.05639	0.388917	0.489916	1
cg00540824	STK33	0.0461419	0.0998808	0.5	-1.99952	0.0101021	0.362625	-2.75807	0.14736	0.464958	-2.15152	0.0231832	0.388353	-2.57501	0.0010631	0.405503	2.46607	0.0030564	0.4172	-2.39701	0.0010631	0.405503	2.46607	0.0030564	0.4172	-2.39701	0.0010631	0.405503	2.46607	0.0030564	0.4172	-2.39701	0.0010631	0.405503	2.46607	0.0030564	0.4172	-2.39701	0.0010631	0.405503	2.46607	4.34644	0.828271	0.190453	4.34644	1		
cg26826329	STK33	0.0115762	0.795989	1.05565	1.05565	0.000425452	0.311478	-3.2105	0.00639609	0.476335	-2.09936	0.764033	0.92332	-1.08305	0.382572	0.829296	-1.20584	0.63076	1.10653	1.10653	0.737947	0.932217	-1.07271	0.976746	1.00611	1.00611	0.0298429	0.586079	-1.70625	5.63881	3.90218	0.61513	1
cg22889514	STK33	0.0152355	0.0076578	0.315954	-2.81424	0.0100615	0.319447	-2.95467	0.0001	0.3129	-3.19743	0.0001	0.31959	-3.12911	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	0.0001	0.315485	-3.16925	4.24237	0.869	0.205123	4.24237	1		
cg23753247	STK33	0.0159395	0.56831	1.03857	1.03857	0.18525	0.704095	-1.18051	0.110369	1.24661	1.24661	0.26669	1.1579	1.1579	0.164172	0.828806	1.07665	0.105708	0.79404	-1.25903	0.0349278	0.605303	-1.65206	0.142959	1.22073	1.22073	0.224253	1.16647	1.16647	3.81078	0.973586	0.229345	1
cg15247111	STK33	0.0160125	0.741666	0.931087	-1.07401	0.130657	0.703052	-1.42237	0.830185	0.9547	-1.04745	0.38825	0.8624	-1.2103	0.902152	0.973801	-1.0269	0.312326	0.798044	-1.25306	0.000946775	0.345108	-2.89764	0.0158828	0.528222	-1.89314	0.551625	0.878094	-1.13883	3.82735	2.82411	0.655889	1
cg17389949	STK33	0.0162035	0.1848014	0.7	-1.42857	0.0253498	0.554894	-1.8025	0.0652214	0.548128	-1.82415	0.0652214	0.548128	-1.82415	0.0652214	0.548128	-1.82415	0.2731555	-1.48997	0.6713981	0.149734	1.37537	1.37537	0.0226206	0.58303	-1.71483	0.0233168	0.727332	1.37499	0.0226206	0.58303	-1.71483	0.0233168	0.727332	1.37499	0.0226206	0.58303	-1.71483	0.0233168	0.727332	1.37499	4.23611	0.868	0.205004	4.23611	1		
cg02811074	STK33	0.0417796	0.157051	0.523833	-1.90901	0.306711	1.57163	1.57163	0.15468	0.7811	1.9171	1.9171	0.83944	1.09054	1.09054	0.00293501	0.174554	5.72889	0.094747	1.45649	2.19131	0.074902	0.427239	-2.34061	0.280969	0.619542	-1.61409	0.854859	0.924749	-1.08137	3.62439	10.4782	2.56979	1
cg11794151	STK33	0.0455324	0.1467591	0.6637	-1.50672	0.291644	0.749264	-1.33464	0.0939959	0.560151	-1.78078	0.176268	0.684344	-1.46125	0.0234881	0.489732	2.04193	0.842213	1.16599	1.16599	0.0798853	1.66079	1.66079	0.0808896	0.600115	-1.66635	0.0745167	0.451855	2.2131	1.51002	3.06005	0.979809	1
cg01036397	STK33	0.0462627	0.847855	1.04542	1.04546	0.247173	0.781789	-1.32663	0.26375	1.16594	1.16594	0.448142	1.836668	1.836668	0.0152192	0.00297746	0.0800703	12.49	0.000924909	0.319415	-3.13072	0.0134272	0.2400016	4.1664	1.326268	0.491918	0.2034	-4.91636	0.0929454	0.653852	-1.53174	3.42421	3.94286	0.749168	1
cg12683410	STK33	0.0240145	0.130371	0.845199	-2.06101	0.0628577	2.52556	2.52556	0.837884	1.09493	1.09493	0.142249	2.01045	2.01045	0.0037003	0.177194	5.64352	0.320029	0.634532	-1.57596	0.0190985	0.284888	-3.51016	0.656967	1.21879	1.21879	0.211184	0.558145	-1.79165	0.417408	13.7131	2.75875	1
cg12362077	STK33	0.0243757	0.427471	0.8491	-1.17783	0.0251385	0.641887	1.55802	0.0001	1.33483	1.33483	0.0001	1.33483	1.33483	0.0001	1.33483	1.33483	0.6387219	1.10296	1.10296	0.0370381	1.44555	1.44555	0.637819	1.08202	1.08202	0.334227	1.10422	1.10422	3.81667	0.8082	0.188214	1		
cg26548497	STK36;RNF25	5.02E-05	4.01E-05	0.161774	-6.18145	0.000307001	0.256481	-3.89892	0.998791	1.00035	1.00035	0.00147674	0.344689	-2.90117	8.66E-05	0.194896	-5.13095	0.000510087	0.2837	-3.52486	1.33E-05	0.120223	-8.31788	6.74E-05	0.18372	-5.44305	0.0942619	0.6524	-1.5328	26.5967	22.7057	0.758848	1
cg04432034	STK36;RNF25	0.0033846	0.1628214	0.75625	0.0987916	0.0329702	1.54901	0.0009001	0.411659	-2.4292	0.0316484	0.526755	-1.89841	0.0010494	0.2908153	0.34664	-2.88543	0.4765515	0.831798	-1.20221	0.681794	1.10081	1.10081	0.0155153	0.648053	-2.12651	0.0108244	0.442039	-2.25765	0.72983	0.915313	0.831349	1
cg04680759	STK36;RNF25	0.0216919	0.714384	1.02692	1.10269	0.601736	1.15032	1.15032	0.18603	1.4519	1.4519	0.68177	0.8961511	-1.11588	1.1808	0.6853504	1.45921	0.104511	1.60304	1.60304	0.100606	1.61333	1.61333	0.00163899	0.301416	-3.31768	0.707809	0.592878	-1.68669	4.57601	1.25644	0.995654	1
cg07986413	STK38	0.0123652	0.056746	1.3268	1.3268	0.00729077	0.635238	-1.57421	0.123415	0.803464	-1.24461	0.301781	1.1506	1.1506	0.370413	0.886381	-1.12818	0.354494	0.88258	-1.13304	0.00333126	1.68873	1.68873	0.864786	0.977899	-1.0226	0.0759505	0.771846	-1.2956	5.51948	1.50305	0.242059	1
cg20945353	STK38	0.0125373	0.1564658	1.2588	1.2588	0.0211288	1.71771	1.71771	0.281647	1.50481	1.50481	0.0644135	1.968206	1.968206	0.0152396	2.76737	2.76737	0.0040117	0.5152	1.94115	0.0152396	2.76737	2.76737	0.145964	1.45964	1.45964	0.0184131	1.93861	1.93861	5.15836	1.08264	0.210026	1		
cg01236745	STK38L	0.0009109	0.0009109	0.148859	0.658237	-1.51921	0.0034325	0.287831	-3.47426	0.674494	0.89217	-1.12086	0.00991189	0.414774	-2.41095	0.00157465	0.293412	-3.40817	0.001775	0.00358	0.3269	7.80E-05	0.144991	-6.89698	0.289701	1.3456	1.3456	0.029006	0.498959	-2.00417	12.0812	13.9605	1.02716	1
cg24106357	STK38L	0.0014145	0.0009109	0.148859	0.658237	-1.51921	0.0034325	0.287831	-3.47426	0.674494	0.89217	-1.12086	0.00991189	0.414774	-2.41095	0.00157465	0.293412	-3.40817	0.001775	0.00358	0.3269	7.80E-05	0.144991	-6.89698	0.289701	1.3456	1.3456	0.029006	0.498959	-2.00417	12.0812	13.9605	1.02716	1
cg22547158	SMIM1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27649806	STOML2	0.000756133	0.0737532	0.681065	-1.46829	0.0782995	0.685986	-1.45776	0.01275	0.550843	-1.8154	0.00026555	0.315385	-3.17073	0.000361439	0.332184	-3.01038
cg14297966	STOML2	0.0057471	0.0650479	0.417103	-2.39749	0.670043	0.834502	-1.19832	0.169346	0.539021	-1.85521	0.849677	1.08339	1.08339	0.758104	1.13928	1.13928
cg13594903	STOML2	0.0338447	0.305611	1.84656	1.84656	0.425841	1.60025	1.60025	0.939769	0.957248	-1.04466	0.00909402	6.79577	6.79577	0.89085	1.08262	1.08262
cg01253107	STOML2	0.0362606	0.163186	0.574157	-1.74168	0.00161002	5.39834	5.39834	0.950808	1.02327	1.02327	0.0878241	0.495415	-2.01851	0.133304	1.82889	1.82889
cg21166380	STOML3;STOML3	0.000138347	0.000168455	0.329005	-3.03947	0.000753616	0.411783	-2.42846	0.000114036	0.3085	-3.24149	0.931407	1.01506	1.01506	3.18E-05	0.244883	-4.08358
cg03626085	STOML3;STOML3	0.0121406	0.13448	0.731152	-1.3677	0.0953671	0.700804	-1.42693	0.332123	0.823538	-1.21427	0.453952	0.862418	-1.15953	0.264226	0.797872	-1.25333
cg05380910	STOML3;STOML3	0.024098	0.959785	0.985631	-1.01458	0.637559	1.14592	1.14592	0.514879	0.827326	-1.20871	0.337979	0.753129	-1.32779	0.000529433	0.21243	-4.70744
cg02683929	STOML3;STOML3	0.0325785	0.0569866	0.283242	-3.53056	0.0236101	0.205365	-4.86938	0.104304	0.353454	-2.82922	0.0766917	0.315643	-3.16813	0.00509021	0.114357	-8.74454
cg18588281	STON1-GTF2A1L	0.00234806	0.0172966	0.703309	-1.42185	0.0115407	0.681494	-1.46736	0.00284952	0.607443	-1.64624	0.405779	0.901904	-1.10877	0.000424491	0.50783	-1.96916
cg06092244	STON1-GTF2A1L	0.017644	0.334452	0.860753	-1.16177	0.0436832	0.705175	-1.41809	0.537413	1.09863	1.09863	0.519457	0.906315	-1.10337	0.0114196	0.620719	-1.61103
cg08211895	STON1-GTF2A1L	0.0221611	0.00550821	0.273974	-3.64998	0.314816	1.44604	1.44604	0.221823	0.634046	-1.57717	0.906218	0.959043	-1.04271	0.00619385	0.281786	-3.54879
cg10324013	STON1-GTF2A1L;STON1	0.00601083	0.676067	0.90848	-1.10074	0.00606826	0.441105	-2.26703	0.000308311	0.262417	-3.81072	0.731486	0.924338	-1.08186	0.113807	1.48137	1.48137
cg01450842	STON1-GTF2A1L;STON1-GTF2A1L	0.00794569	0.593982	0.885676	-1.12908	0.904349	1.0275	1.0275	0.0622032	0.622698	-1.60592	0.716951	1.08562	1.08562	0.00266844	0.39174	-2.55272
cg19846447	STON1;STON1-GTF2A1L	7.87E-05	0.0028438	0.428276	-2.33495	0.982559	1.00452	1.00452	0.0206622	0.562558	-1.77759	0.00448871	0.457468	-2.18595	1.36E-06	0.0781255	-12.7999
cg10334928	STON2	2.21E-05	0.000166089	0.716242	-1.39618	4.80E-05	0.671575	-1.48904	0.0104364	0.845577	-1.18262	0.0493155	0.889835	-1.1238	0.00593519	0.829286	-1.20586
cg23879435	STON2	0.0148234	0.344193	0.879274	-1.1373	0.0419404	0.733785	-1.3628	0.0452691	0.738396	-1.35429	0.216557	1.18732	1.18732	0.140772	0.811233	-1.23269
cg02657438	STON2;STON2	0.00111565	0.00191647	0.317598	-3.14864	0.735595	0.915322	-1.09251	0.24839	0.729796	-1.37025	0.195133	1.43006	1.43006	6.87E-05	0.149614	-6.68387
cg26891598	STOX1;STOX1;STOX1;STOX1	0.00653948	0.0906536	0.773137	-1.29343	0.122603	1.25976	1.25976	0.100414	1.28199	1.28199	0.00924156	0.633807	-1.57777	0.00171156	0.53903	-1.85518
cg26627408	STOX1;STOX1;STOX1;STOX1;STOX1	6.64E-05	0.377672	0.891963	-1.12112	2.28E-05	2.91764	2.91764	0.201875	1.18555	1.18555	4.05E-05	2.69004	2.69004	0.0189848	0.69855	-1.43154
cg20688967	STOX1;STOX1;STOX1;STOX1;STOX1	0.000177737	0.0519654	0.712241	-1.40402	0.641823	0.930631	-1.07454	0.0663073	1.37175	1.37175	0.0461175	0.704184	-1.42008	1.75E-06	0.159848	-6.25595
cg12273506	STOX1;STOX1;STOX1;STOX1;STOX1	0.00123165	0.0100223	0.591065	-1.69186	0.00278525	0.513298	-1.94818	0.0281083	0.657364	-1.52123	0.149326	0.778719	-1.28416	4.24E-05	0.283796	-3.52366
cg27565417	STOX1;STOX1;STOX1;STOX1;STOX1	0.00527003	0.11756	0.862282	-1.15971	0.25357	1.10953	1.10953	0.668475	1.03827	1.03827	0.0692425	1.19386	1.19386	0.239717	0.898241	-1.11329
cg13042488	STOX1;STOX1;STOX1;STOX1;STOX1	0.00675316	0.256825	0.807456	-1.23846	0.0437747	1.52015	1.52015	0.200896	1.27648	1.27648	0.524142	0.889897	-1.12373	0.899787	0.977491	-1.02303
cg10483817	STOX1;STOX1;STOX1;STOX1;STOX1	0.00789841	0.0865499	0.624974	-1.60007	0.0262756	0.519761	-1.92396	0.37312	0.796916	-1.25484	0.135889	0.67099	-1.49034	0.000124728	0.19013	-5.25955
cg22792569	STOX1;STOX1;STOX1;STOX1;STOX1	0.0237033	0.199326	1.21185	1.21185	0.00134771	0.516949	-1.93443	0.0599695	0.740312	-1.35078	0.597667	1.07838	1.07838	0.3381	0.86943	-1.15018
cg18359952	STOX1;STOX1;STOX1;STOX1;STOX1	0.0296664	0.486281	1.17014	1.17014	0.0606212	0.625096	-1.59975	0.00199284	0.379274	-2.63662	0.179093	1.37301	1.37301	0.53405	1.15014	1.15014
cg12150566	STOX2	1.03E-05	0.0076371	1.26702	1.26702	5.71E-06	0.494043	-2.02411	5.33E-06	0.490826	-2.03738	0.693254	1.02774	1.02774	0.323121	1.07297	1.07297
cg14711866	STOX2	3.02E-05	0.00811438	0.550681	-1.81593	?	?	?	0.059785	1.44208	1.44208	?	?	?	1.43E-05	0.176411	-5.6686
cg21593015	STOX2	8.78E-05	5.10E-06	0.0791349	-12.6367	6.18E-05	0.164231	-6.08899	0.0189864	0.499306	-2.00278	0.0815025	0.623655	-1.60345	0.00145087	0.324625	-3.08048
cg00678050	STOX2	0.000772224	0.00183796	0.426249	-2.34605	0.00436917	0.480107	-2.08287	0.0136617	0.555522	-1.80011	0.00786902	0.51832	-1.92931	0.000101083	0.265013	-3.77341
cg22054328	STOX2	0.000867689	0.000179047	0.499755	-2.00098	0.819328	0.975301	-1.02532	0.78411	0.970427	-1.03047	0.422422	1.09371	1.09371	4.09E-05	0.425129	-2.35223
cg25669309	STOX2	0.00317018	0.0116582	0.305038	-3.27828	0.00570688	4.28414	4.28414	0.00311568	5.5697	5.5697	0.00221659	0.152319	-6.56515	0.427673	1.26841	1.26841
cg26992150	STOX2	0.00396132	0.907966	1.02729	1.02729	0.000950338	0.317593	-3.14868	0.0371861	0.569359	-1.75636	0.475929	1.18387	1.18387	0.0295764	1.81569	1.81569
cg14542378	STOX2	0.00411597	0.008078	0.780909	-1.28056	0.38729	0.937443	-1.06673	0.00439759	0.757901	-1.31943	0.0724267	0.864045	-1.15735	0.443	0.944578	-1.05867
cg25703861	STOX2	0.00782286	0.402768	0.87177	-1.14709	0.00442293	0.544001	-1.83823	0.164236	0.788312	-1.26853	0.85776	1.02917	1.02917	0.0643379	1.39528	1.39528
cg08141489	STOX2	0.00986935	0.300987	1.21813	1.21813	0.166116	1.31244	1.31244	0.226652	1.26329	1.26329	0.629059	1.09376	1.09376	0.0231362	0.606548	-1.64867
cg19784873	STOX2	0.0115106	0.342237	0.696422	-1.43591	0.992427	1.00352	1.00352	0.00608001	0.26597	-3.75982	0.0307199	2.5558	2.5558	0.178878	0.589793	-1.69551
cg26342502	STOX2	0.0136317	0.0400992	1.36451	1.36451	0.668121	0.945057	-1.05814	0.0635851	0.760884	-1.31426	0.00776806	1.56498	1.56498	0.0251978	1.41733	1.41733
cg20325922	STOX2	0.0136736	0.571299	1.12522	1.12522	0.0108802	1.93348	1.93348	0.0581983	1.55498	1.55498	0.882239	1.03104	1.03104	0.227943	1.2982	1.2982
cg25916662	STOX2	0.0147983	0.66792	1.12345	1.12345	0.000604723	0.240218	-4.16289	0.0329594	0.510321	-1.95955	0.378185	1.27618	1.27618	0.16598	1.48951	1.48951
cg19345417	STOX2	0.015852	0.394285	0.882434	-1.13323	0.246299	1.18981	1.18981	0.00730237	0.60904	-1.64193	0.840344	1.02933	1.02933	0.672545	0.940882	-1.06283
cg22648407	STOX2	0.0247619	0.899728	0.982	-1.01833	0.0406138	1.40588	1.40588	0.0442163	0.71673	-1.39522	0.330785	1.15557	1.15557	0.0582765	0.734659	-1.36117
cg23649435	STOX2	0.0257181	0.279592	1.50385	1.50385	0.351266	0.705933	-1.41656	0.00163705	0.194513	-5.14105	0.674327	0.857774	-1.16581	0.499734	1.28234	1.28234
cg11089646	STOX2	0.0274253	0.926457	1.01537	1.01537	0.501956	1.11917	1.11917	0.00701203	1.77894	1.77894	0.0106009	1.70068	1.70068	0.171623	1.27181	1.27181
cg10957242	STOX2	0.0288747	0.470854	1.3781	1.3781	0.0557569	2.57945	2.57945	0.0961482	2.22289	2.22289	0.976878	0.987409	-1.01275	0.00515238	0.198877	-5.02824
cg15127832	STOX2	0.034632	0.718102	0.91572	-1.09204	0.0811416	1.59939	1.59939	0.0134646	0.475663	-2.10233	0.133357	1.48178	1.48178	0.0131375	0.473839	-2.11042
cg11354594	STOX2;STOX2	0.0279772	0.271223	0.809036	-1.23604	0.0165063	1.71928	1.71928	0.819359	0.958564	-1.04323	0.914432	0.980312	-1.02008	0.405899	1.17036	1.17036
cg02500300	STOX2;STOX2	0.0383799	0.733616	1.23032	1.23032	0.846214	0.888852	-1.12505	0.491407	1.52817	1.52817	0.87557	1.09975	1.09975	0.0643444	3.52933	3.52933
cg04036366	STRA13	0.00280135	0.116286	0.67665	-1.47787	0.435331	0.833475	-1.1998	0.471459	1.18251	1.18251	0.58295	1.13531	1.13531	0.00299368	0.393848	-2.53905
cg07592012	STRA13	0.0093468	0.00423829	0.448209	-2.2311	0.0047776	0.456017	-2.1929	0.269679	0.785873	-1.27247	0.0264143	0.575893	-1.73643	0.000633807	0.332724	-3.0055
cg19915413	STRA13	0.0332939	0.16574	0.81633	-1.22499	0.96858	1.00542	1.00542	0.107475	1.27275	1.27275	0.849739	1.02638	1.02638	0.123266	0.795162	-1.25761
cg17910679	STRA13;LRRC45	0.00186849	0.465326	0.914309	-1.09372	0.0554667	0.769734	-1.29915	0.000244737	0.481522	-2.07675	0.161565	0.835072	-1.1975	0.475998	1.09132	1.09132
cg08086652	STRA13;LRRC45	0.00440854	0.0169862	1.77064	1.77064	0.915293	0.979334	-1.0211	0.413981	1.17811	1.17811	0.0739605	1.4783	1.4783	0.103468	0.70502	-1.4184
cg17241816	STRA13;LRRC45	0.01247	0.187922	1.3557	1.3557	0.156064	0.718245	-1.39228	0.652382	1.10395	1.10395	0.102337	1.47682	1.47682	0.208581	1.33524	1.33524
cg04875987	STRA13;LRRC45	0.03289	0.201971	0.802109	-1.24671	0.868199	0.973183	-1.02756	0.302034	0.839456	-1.19125	0.00142217	0.469771	-2.1287	0.0240248	0.643664	-1.55361
cg15578811	STRA13;LRRC45;LRRC45	0.0334243	0.4442	0.890641	-1.12279	0.380518	1.14288	1.14288	0.65102	1.06995	1.06995	0.657	1.06861	1.06861	0.0067168	1.68524	1.68524
cg23719157	STRA6;STRA6;STRA6	0.000132521	0.0031056	0.464621	-2.15229	2.90E-05	0.211229	-4.73419	3.78E-05	0.223393	-4.47641	0.0106973	0.544496	-1.83656	0.0112208	0.547708	-1.82579
cg21631918	STRA6;STRA6;STRA6	0.00976161	0.0123012	0.377663	-2.64786	0.00102175	0.218518	-4.57629	0.00324609	0.285427	-3.50353	0.105208	0.575274	-1.7383	0.0520393	0.501411	-1.99437
cg24222546	STRA6;STRA6;STRA6	0.0296355	0.0628664	0.425867	-2.34815	0.00554534	0.226177	-4.42132	0.00673665	0.238594	-4.19123	0.103595	0.483812	-2.06692	0.339362	0.669199	-1.49432
cg00316939	STRA6;STRA6;STRA6;STRA6;STRA6	1.28E-05	1.47E-05	1.53055	1.53055	2.94E-05	0.679041	-1.47267	0.0135797	0.865596	-1.15527	0.000195904	1.34446	1.34446	0.729237	1.01656	1.01656
cg00563495	STRA6;STRA6;STRA6;STRA6;STRA6	0.00264859	0.000852168	0.361962	-2.76272	0.440764	1.17281	1.17281	0.00806508	0.502545	-1.98987	0.00420597	0.459659	-2.17553	0.00454951	0.46473	-2.15179
cg26451735	STRA6;STRA6;STRA6;STRA6;STRA6	0.0235854	0.630162	1.1885	1.1885	0.0138855	0.338924	-2.95051	0.865635	0.9415	-1.06214	0.0759022	0.495032	-2.02007	0.0030405	0.235669	-4.24324
cg18640660	STRA6;STRA6;STRA6;STRA6;STRA6	0.0248647	0.315096	1.20513	1.20513	0.591802	1.10211	1.10211	0.21307	1.26559	1.26559	0.748644	0.943889	-1.05945	0.0196203	1.65938	1.65938
cg11680605	STRA6;STRA6;STRA6;STRA6;STRA6;STRA6	0.00465503	0.0349798	0.543181	-1.84101	0.000323881	0.23594	-4.23837	0.012295	0.46094	-2.16948	0.538221	0.856587	-1.16742	0.00367134	0.376949	-2.65288
cg12771165	STRA8	0.000396724	0.0767596	0.72668	-1.37612	0.0185295	0.629269	-1.58915	0.000928419	0.448442	-2.22994	0.0286671	1.51994	1.51994	3.73E-05	0.276497	-3.61667
cg09814480	STRA8	0.00241675	0.221468	0.638268	-1.56674	0.173615	0.603026	-1.6583	0.00214275	0.22169	-4.51081	0.533215	1.24669	1.24669	0.000235124	0.118813	-8.41661
cg25778497	STRA8	0.00314679	0.0686705	0.575086	-1.73887	0.566378	1.17041	1.17041	0.000984477	0.264518	-3.78046	0.150294	0.657954	-1.51986	0.000497722	0.227829	-4.38925
cg06766536	STRA8	0.00515477	0.0586639	0.631096	-1.58454	0.814799	0.950688	-1.05187	0.489637	0.859631	-1.16329	0.140095	0.710268	-1.40792	5.05E-05	0.194446	-5.14282
cg18152517	STRA8	0.00618108	0.00435599	0.13964	-7.16127	0.0121733	0.198935	-5.02677	0.248947	0.536434	-1.86416	0.662053	0.79668	-1.25521	0.00103774	0.081235	-12.31
cg04839520	STRA8	0.00741016	0.961088	1.00916	1.00916	0.105791	0.718826	-1.39116	0.0689569	0.683656	-1.46272	0.621239	1.09753	1.09753	0.000268212	0.327142	-3.05678
cg01388565	STRA8	0.0082179	0.00530421	0.429339	-2.32916	0.0408073	1.72175	1.72175	0.0147583	0.501342	-1.99465	0.0201519	0.524716	-1.90579	0.0327958	0.562912	-1.77648
cg11649846	STRA8	0.00977182	0.140654	0.788192	-1.26873	0.0508296	0.715963	-1.39672	0.0026754	0.536075	-1.86541	0.0260459	0.672568	-1.48684	0.0132084	1.58617	1.58617
cg20900829	STRA8	0.0147452	0.551335	0.805028	-1.24219	0.019607	0.362525	-2.75843	0.702943	1.14782	1.14782	0.00494318	0.262001	-3.81678	0.223991	0.631502	-1.58353
cg17141969	STRA8	0.0161199	0.179719	0.831024	-1.20334	0.0234665	1.42132	1.42132	0.230125	1.17768	1.17768	0.966301	1.0055	1.0055	0.0141016	0.674648	-1.48225
cg08824245	STRA8	0.0200074	0.640536	0.894627	-1.11778	0.128231	0.677518	-1.47598	0.00263314	0.373193	-2.67958	0.834457	0.951658	-1.0508	0.00718532	0.439719	-2.27418
cg20308335	STRA8	0.0237145	0.0660155	0.469792	-2.1286	0.0422554	0.424432	-2.35609	0.0148969	0.333885	-2.99504	0.0631806	0.465115	-2.15001	0.00434028	0.247521	-4.04007
cg12086281	STRA8	0.0257823	0.024288	0.571648	-1.74933	0.625464	0.902614	-1.10789	0.0687822	0.654277	-1.5284	0.00090408	0.355529	-2.81271	0.131912	0.7127	-1.40312
cg23903035	STRA8	0.0332407	0.136948	0.594074	-1.68329	0.349813	0.731375	-1.36729	0.584027	0.835501	-1.19689	0.158692	0.612799	-1.63186	0.00246766	0.254532	-3.92878
cg06825631	STRA8	0.0420936	0.557465	0.909327	-1.09971	0.189435	1.24945	1.24945	0.208969	0.808812	-1.23638	0.0069543	0.571518	-1.74973	0.0135482	0.612913	-1.63155
cg08220696	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.00047037	0.638738	0.883835	-1.13143	0.323162	0.766059	-1.30538	0.6316	1.13446	1.13446	0.789551	1.07236	1.07236	8.99E-05	0.160445	-6.23266
cg06873352	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.00426151	0.234022	1.67127	1.67127	0.0653704	2.3432	2.3432	0.0365974	2.71799	2.71799	0.00965666	3.85046	3.85046	0.102591	2.08612	2.08612
cg07677032	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.0063376	0.283834	0.561115	-1.78216	0.00373363	7.63164	7.63164	0.028027	3.84531	3.84531	0.00655385	6.25111	6.25111	0.226483	1.93294	1.93294
cg07659893	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.0109435	0.112469	0.712307	-1.40389	0.0182327	1.75534	1.75534	0.301627	1.23381	1.23381	0.000400351	3.02126	3.02126	0.620243	0.906589	-1.10304
cg15103701	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.0128546	0.692442	1.04648	1.04648	0.75218	1.03686	1.03686	0.00112233	1.73	1.73	0.167642	1.18301	1.18301	0.0906572	1.2374	1.2374
cg07403228	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.0186037	0.0118868	0.201742	-4.95682	0.394522	0.641074	-1.55988	0.378287	1.58544	1.58544	0.645091	1.26675	1.26675	0.00135743	0.0933556	-10.7117
cg05815411	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.00765904	0.0119306	0.518961	-1.92693	0.696157	0.923823	-1.08246	0.233457	1.289	1.289	0.000246179	0.264525	-3.78036	0.482439	0.86556	-1.15532
cg09567823	STRADB	0.00199244	0.0145548	0.310042	-3.22537	0.0240146	0.350796	-2.85066	0.0125287	0.298632	-3.3486	0.0488952	0.41682	-2.39912	0.000457876	0.116807	-8.56114
cg06431681	STRADB	0.0209919	0.143988	0.464377	-2.15342	0.00637979	5.66646	5.66646	0.095078	2.45046	2.45046	0.261641	1.77182	1.77182	0.315623	0.602289	-1.66033
cg10711778	STRADB;TRAK2	0.00106853	0.432478	0.872761	-1.14579	0.00748546	1.79484	1.79484	0.0278469	1.55519	1.55519	0.000650969	2.43057	2.43057	0.288642	0.829328	-1.2058
cg11808228	STRADB;TRAK2	0.00593351	0.140288	0.843555	-1.18546	0.971839	0.996222	-1.00379	0.796433	0.97266	-1.02811	0.00348763	1.52967	1.52967	0.434744	0.918087	-1.08922
cg17749468	STRADB;TRAK2	0.012756	0.499369	1.35921	1.35921	0.477407	0.723738	-1.38172	0.604425	1.26353	1.26353	0.00416822	0.179325	-5.57646	0.279942	0.604884	-1.65321
cg26168400	STRADB;TRAK2;TRAK2	0.00508651	0.0627006	0.518863	-1.92729	0.72928	0.900942	-1.10995	0.366188	1.32456	1.32456	0.131918	0.605682	-1.65103	0.785547	1.08529	1.08529
cg14280171	STRAP	0.00736327	0.00777736	0.155889	-6.41482	0.300628	0.558049	-1.79196	0.06502	0.324082	-3.08564	0.346198	0.590034	-1.69482	0.000978674	0.069495	-14.3895
cg26167861	STRAP	0.00858426	0.0148502	0.763488	-1.30978	0.00197223	0.674511	-1.48256	0.00148928	0.661954	-1.51068	0.0276577	0.790996	-1.26423	0.837624	1.01865	1.01865
cg14186304	STRBP;STRBP;STRBP	0.00572424	0.72239	1.12544	1.12544	0.0161387	2.65154	2.65154	0.287927	1.44125	1.44125	0.620311	1.17992	1.17992	0.000261261	0.136871	-7.30616
cg13668495	STRBP;STRBP;STRBP	0.00892108	0.00331956	0.215839	-4.63308	0.384292	0.710304	-1.40785	0.0145959	0.315591	-3.16866	0.0477301	0.419747	-2.38239	0.000924333	0.149982	-6.66747
cg01263169	STRBP;STRBP;STRBP	0.0180446	0.02375	0.706951	-1.41453	0.642266	1.06195	1.06195	0.017379	1.45084	1.45084	0.617715	1.06679	1.06679	0.00983618	0.657543	-1.52081
cg13332064	STRC	0.000705626	0.16265	0.788729	-1.26786	0.0013715	0.477414	-2.09462	0.00243334	0.510738	-1.95795	0.43196	1.13622	1.13622	4.91E-05	0.296791	-3.36937
cg21605512	STRC	0.0172923	0.399802	1.49274	1.49274	0.108017	0.442618	-2.25928	0.900348	0.943435	-1.05996	0.729916	1.17478	1.17478	0.20382	0.536137	-1.86519
cg04798930	STRN	0.00389236	0.00338516	0.714401	-1.39977	0.00527163	1.36407	1.36407	0.00161082	1.46477	1.46477	0.127835	0.870274	-1.14906	0.881439	0.987483	-1.01268
cg14184369	STRN	0.00537162	0.00171844	0.324534	-3.08134	0.601922	0.876013	-1.14154	0.0161046	0.47679	-2.09736	0.024166	0.508586	-1.96624	0.00213146	0.337735	-2.9609
cg15556558	STRN	0.0192204	0.891546	0.979648	-1.02077	0.500728	1.10851	1.10851	0.0466947	0.70944	-1.40956	0.700211	1.06005	1.06005	0.0476644	1.40685	1.40685
cg01210111	STRN	0.0234716	0.00840882	0.561459	-1.78107	0.896861	1.02249	1.02249	0.817702	1.04039	1.04039	0.675707	1.07481	1.07481	0.133471	0.757619	-1.31992
cg21685750	STRN	0.0334145	0.790983	1.03849	1.03849	0.0499449	1.37424	1.37424	0.0431121	1.39221	1.39221	0.115237	0.783878	-1.27571	0.0142227	0.650492	-1.5373
cg14987922	STRN	0.0340933	0.887311	1.05045	1.05045	0.265192	1.49641	1.49641	0.138612	1.73918	1.73918	0.245385	0.655889	-1.52465	0.58939	1.20822	1.20822
cg11087939	STRN	0.0431614	0.834061	0.943274	-1.06014	?	?	?	0.226475	1.42408	1.42408	0.727012	0.907043	-1.10248	0.00421935	0.344204	-2.90525
cg15301694	STRN3;AP4S1;STRN3;AP4S1	0.00107627	0.000370796	0.216925	-4.60988	0.355432	0.77493	-1.29044	0.00751415	0.397395	-2.51639	0.0212284	0.475716	-2.1021	0.000455267	0.227306	-4.39936
cg20548111	STRN3;AP4S1;STRN3;AP4S1	0.00616884	0.0614286	0.715195	-1.39822	0.109117	0.757351	-1.32039	0.232279	1.22051	1.22051	0.000306577	0.39357	-2.54085	0.986967	1.0026	1.0026
cg20906829	STRN3;AP4S1;STRN3;AP4S1	0.007876	0.453947	0.931057	-1.07405	0.323525	1.1002	1.1002	0.00173051	1.51971	1.51971	0.0110566	1.34774	1.34774	0.00570195	1.40425	1.40425
cg04199473	STRN3;STRN3	0.0056207	0.00713458	0.222573	-4.4929	0.0281582	3.06767	3.06767	?	?	?	0.0846896	0.438456	-2.28073	?	?	?
cg01024962	STRN3;STRN3	0.00793072	0.28644	0.636922	-1.57005	0.200091	0.576033	-1.73601	0.00776034	0.248256	-4.0281	0.0460812	0.393971	-2.53826	0.000186123	0.0764327	-13.0834
cg16577132	STRN3;STRN3	0.0482823	0.579652	1.13555	1.13555	0.0564221	0.612167	-1.63354	0.00456545	0.423968	-2.35867	0.142856	0.699215	-1.43017	0.424318	1.20368	1.20368
cg23974248	STRN3;STRN3;AP4S1;AP4S1	0.0400228	0.144649	0.690546	-1.44813	0.0108921	2.12852	2.12852	0.00505287	2.4017	2.4017	0.123779	1.48281	1.48281	0.127035	1.477	1.477
cg04247584	STRN4;STRN4;FKRP;FKRP	0.0178009	0.00681549	6.07857	6.07857	0.711495	1.21078	1.21078	0.955916	0.97194	-1.02887	0.0142743	4.73921	4.73921	0.00466195	6.93894	6.93894
cg10073470	STS	3.82E-06	0.00861816	0.647588	-1.54419	3.22E-05	0.350223	-2.85532	1.14E-05	0.29887	-3.34593	0.0781374	0.775786	-1.28902	1.54E-05	0.313531	-3.18947
cg16232809	STS	0.000473845	0.640228	0.924781	-1.08134	0.000285541	0.373743	-2.67563	0.000194666	0.352973	-2.83308	0.126612	0.759943	-1.31589	5.01E-05	0.282647	-3.53798
cg00596686	STS	0.000620763	0.126186	1.29233	1.29233	0.408317	0.877146	-1.14006	0.000110669	0.348464	-2.86974	0.935546	0.987543	-1.01261	7.67E-05	0.329344	-3.03634
cg10985228	STS	0.000944256	0.0731608	0.531951	-1.87987	0.00645982	0.326745	-3.06049	0.00291636	0.274746	-3.63972	0.16376	1.59903	1.59903	0.0166121	0.396955	-2.51918
cg11640565	STS	0.0261219	0.199797	1.71835	1.71835	0.996941	1.00153	1.00153	0.0114148	0.282132	-3.54444	0.0276674	0.353282	-2.8306	0.0115715	0.28313	-3.53195
cg01887803	STS;STS	0.00634506	0.0938579	1.44026	1.44026	0.0698558	1.49396	1.49396	0.00097086	0.378257	-2.64371	0.367037	1.20142	1.20142	0.0152594	0.55434	-1.80395
cg14802591	STT3A	0.00423876	0.00432123	2.54314	2.54314	0.00701612	0.426148	-2.34661	0.0179849	0.494917	-2.02054	0.678532	1.10736	1.10736	0.0318275	0.540319	-1.85076
cg24352075	STT3A	0.00457115	0.293373	1.18082	1.18082	0.43866	0.886521	-1.12801	0.130237	1.28301	1.28301	0.610784	1.08141	1.08141	0.000737899	0.457621	-2.18521
cg19571034	STT3A	0.00849343	0.43049	0.849149	-1.17765	0.108381	1.42748	1.42748	0.177182	1.33839	1.33839	0.770511	0.942292	-1.06124	0.00131537	0.386722	-2.58584
cg20449283	STT3A	0.0110157	0.594906	0.920933	-1.08586	0.691776	1.06307	1.06307	0.0177736	0.642535	-1.55634	0.849573	0.97128	-1.02957	0.0743752	0.737036	-1.35679
cg09564913	STT3A	0.0188515	0.0074798	0.54351	-1.83989	0.0347052	1.5464	1.5464	0.191286	1.2776	1.2776	0.0113422	0.570449	-1.75301	0.0559879	0.6816	-1.46714
cg02921249	STT3A	0.038065	0.520526	0.889716	-1.12395	0.288934	0.820779	-1.21835	0.001873	0.45325	-2.20629	0.502925	0.885171	-1.12972	0.440678	0.868425	-1.15151
cg16538496	STT3B	9.74E-05	0.141722	0.901767	-1.10893	0.0680262	0.874813	-1.1431	0.217737	0.918643	-1.08856	3.58E-05	0.593595	-1.68465	0.17422	0.909743	-1.09921
cg25577940	STT3B	0.00037387	1.49E-05	0.254086	-3.93567	0.0271625	1.49007	1.49007	0.545083	1.09791	1.09791	0.22371	0.822861	-1.21527	0.0801364	0.743708	-1.34461
cg09828339	STT3B	0.00041158	0.0111178	0.610386	-1.63831	0.0647259	0.724881	-1.37954	0.0581917	0.717479	-1.39377	0.167022	0.795755	-1.25667	6.76E-05	0.322647	-3.09936
cg22874627	STT3B	0.00355868	0.00373943	1.47149	1.47149	0.000461453	1.72255	1.72255	0.0192065	1.32249	1.32249	0.0671188	1.22442	1.22442	0.161885	1.15878	1.15878
cg02470179	STT3B	0.00366519	0.000629782	0.200772	-4.98077	0.00460172	0.315877	-3.16579	0.0176164	0.413797	-2.41664	0.410841	1.29301	1.29301	0.00145535	0.24533	-4.07615
cg15907278	STT3B	0.00750074	0.271437	1.16996	1.16996	0.0160169	0.667497	-1.49813	0.0369943	0.717423	-1.39388	0.425137	0.894345	-1.11814	0.0638584	1.33055	1.33055
cg17577092	STT3B	0.0167547	0.61295	1.14218	1.14218	0.227593	0.718859	-1.39109	0.522916	0.844728	-1.18381	0.00941577	0.424088	-2.358	0.00060412	0.252019	-3.96795

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27649806	0.594293	0.901594	-1.10915	0.000133752	0.279287	-3.58054	0.638583	0.912873	-1.09544	0.00195496	0.430065	-2.32523	12.7324	7.48761	0.522734	1
cg14297966	0.165833	1.86601	1.86601	0.000246795	0.0776654	-12.8758	0.110603	0.48005	-2.08311	0.00374349	0.19162	-5.21867	7.0319	19.8432	2.50834	1
cg13594903	0.707527	1.24348	1.24348	0.00443569	0.111337	-8.98177	0.136518	2.52808	2.52808	0.347667	1.74906	1.74906	3.91429	20.7242	4.70621	1
cg01253107	0.796559	0.908182	-1.1011	0.9044	1.04581	1.04581	0.626726	0.833009	-1.20047	0.770956	0.896888	-1.11497	3.81781	8.40325	1.9565	1
cg21166380	0.0673865	1.42746	1.42746	0.0736846	0.707355	-1.41372	0.505012	0.889177	-1.12464	0.00111075	0.434174	-2.30323	20.2941	9.69128	0.424481	1
cg03626085	0.342439	0.82713	-1.209	0.000371959	3.01914	3.01914	0.925255	1.01837	1.01837	0.67629	0.921753	-1.08489	5.55247	3.31098	0.530052	1
cg05380910	0.0332236	0.489455	-2.04309	0.721355	1.10826	1.10826	0.867589	1.04906	1.04906	0.180116	0.664591	-1.50469	4.41316	5.75846	1.15986	1
cg02683929	0.0253968	0.210947	-4.74054	0.155908	0.411009	-2.43304	0.592075	1.37271	1.37271	0.0253059	0.210669	-4.74678	3.96832	21.5586	4.82904	1
cg18588281	0.00128822	0.565836	-1.7673	0.0202489	0.711885	-1.40472	0.163157	1.19804	1.19804	0.0462954	0.757965	-1.31932	9.20002	2.14711	0.20745	1
cg06092244	0.0163223	1.55629	1.55629	0.0183635	1.53883	1.53883	0.171136	1.24545	1.24545	0.288638	0.847105	-1.18049	4.90795	1.76376	0.319439	1
cg08211895	0.260837	0.659597	-1.51608	0.00975975	0.313601	-3.18876	0.723363	1.13441	1.13441	0.0748119	0.494534	-2.02211	4.54255	9.05848	1.77257	1
cg10324013	0.216835	0.743183	-1.34556	0.122573	1.46546	1.46546	0.341322	0.799344	-1.25103	0.084335	0.646526	-1.54673	6.9353	5.73053	0.734475	1
cg01450842	0.172762	1.38734	1.38734	0.000436116	0.285261	-3.50556	0.514121	0.861323	-1.161	0.386937	0.818644	-1.22153	6.35776	5.12637	0.716726	1
cg19846447	0.00122865	0.376887	-2.65332	0.532485	0.877645	-1.13941	0.0370742	0.606696	-1.64827	0.000317595	0.300082	-3.33242	23.6057	15.9307	0.599881	1
cg10334928	0.0374961	1.1338	1.1338	5.33E-06	1.71002	1.71002	0.00813093	0.838402	-1.19274	0.00271071	0.806149	-1.24047	32.9919	1.41411	0.0380998	1
cg23879435	0.22792	0.846101	-1.18189	0.00317262	1.70265	1.70265	0.022516	0.6971	-1.43451	0.781233	1.03744	1.03744	5.20101	1.43621	0.245458	1
cg02657438	0.453601	0.81931	-1.22054	0.00994828	0.427473	-2.33933	0.0186338	2.10549	2.10549	0.0602967	0.575165	-1.73863	11.4063	12.3109	0.95938	1
cg26891598	0.460583	1.10926	1.10926	0.0334195	1.40925	1.40925	0.721856	1.05057	1.05057	0.0432624	0.725494	-1.37837	6.75666	2.03869	0.268205	1
cg26627408	0.705699	1.04909	1.04909	0.0216003	0.705781	-1.41687	6.05E-05	2.54928	2.54928	0.0228897	1.41035	1.41035	24.6979	6.24026	0.22459	1
cg20688967	0.347415	0.862018	-1.16007	0.0553845	0.71658	-1.39552	0.940284	0.988568	-1.01156	0.772629	0.956512	-1.04546	18.9678	7.07542	0.331576	1
cg12273506	0.308529	0.843255	-1.18588	0.978938	1.00428	1.00428	0.371898	0.862175	-1.15986	0.00117055	0.462702	-2.16122	11.089	4.59537	0.368362	1
cg27565417	0.0025767	1.43943	1.43943	0.00332848	0.705827	-1.41678	0.118488	1.15921	1.15921	0.0104599	1.32437	1.32437	7.22152	0.869093	0.106976	1
cg13042488	0.488833	0.880675	-1.13549	0.000173752	0.316097	-3.16359	0.908003	1.02111	1.02111	0.225155	1.25886	1.25886	6.68949	3.45969	0.459719	1
cg10483817	0.379029	0.79926	-1.25116	0.304224	0.767835	-1.30236	0.155688	0.685814	-1.45812	0.0203189	0.499311	-2.00276	6.3697	6.21863	0.867806	1
cg22792569	0.294454	1.16657	1.16657	0.158574	1.23805	1.23805	0.646104	1.0677	1.0677	0.331555	1.15251	1.15251	4.43846	1.41125	0.28263	1
cg18359952	0.770467	1.06714	1.06714	0.029048	0.564695	-1.77087	0.749259	0.931254	-1.07382	0.848958	1.04326	1.04326	4.10308	3.20579	0.694501	1
cg12150566	0.474365	1.05149	1.05149	1.52E-05	1.85628	1.85628	0.0675659	0.868209	-1.1518	0.13099	0.893571	-1.1191	40.2479	3.03557	0.0670415	1
cg14711866	3.74E-05	0.223425	-4.47578	?	?	?	0.887891	0.976425	-1.02414	0.000369456	2.83884	2.83884	45.1202	13.3382	0.344885	1
cg21593015	0.00646879	0.420742	-2.37675	0.00157421	0.329526	-3.03466	0.777709	1.07166	1.07166	0.000169122	0.209166	-4.78088	22.9213	21.7075	0.841816	1
cg00678050	0.00424092	0.478209	-2.09114	0.000838843	0.379714	-2.63356	0.313042	1.22276	1.22276	0.00512148	0.490289	-2.03961	12.6573	7.44611	0.522922	1
cg22054328	0.614119	0.945941	-1.05715	0.422166	0.914273	-1.09377	0.0659926	0.798146	-1.2529	0.018414	0.731548	-1.36696	12.2485	2.31796	0.168217	1
cg25669309	0.404106	0.777803	-1.28567	?	?	?	?	?	?	?	?	?	27.8853	21.0963	0.50436	1
cg26992150	0.91408	1.02545	1.02545	0.00167692	2.84636	2.84636	0.356017	0.801673	-1.24739	0.208386	0.734317	-1.36181	7.87552	6.76232	0.763245	1
cg14542378	0.663508	0.968592	-1.03243	0.000561441	1.47683	1.47683	0.94996	1.00459	1.00459	0.472879	1.05466	1.05466	7.78509	0.655205	0.0748103	1
cg25703861	0.00633562	1.76763	1.76763	0.00406796	1.85534	1.85534	0.60234	1.0879	1.0879	0.596209	1.08948	1.08948	6.38897	2.59902	0.361598	1
cg08141489	0.351726	1.19298	1.19298	0.000357809	2.87081	2.87081	0.083847	1.42224	1.42224	0.102462	1.38959	1.38959	5.93552	3.18663	0.477221	1
cg19784873	0.175225	0.586834	-1.70406	0.00177238	0.192859	-5.18514	0.153503	1.75951	1.75951	0.855952	0.935023	-1.06949	5.64917	12.2305	1.92444	1
cg26342502	0.220338	1.18393	1.18393	0.00365327	1.67378	1.67378	0.439496	0.901855	-1.10883	0.249284	1.1709	1.1709	5.34648	1.45362	0.241674	1
cg20325922	0.154201	1.36964	1.36964	0.0005099	3.06306	3.06306	0.0365069	1.65071	1.65071	0.0259197	1.72511	1.72511	5.34109	3.59732	0.598682	1
cg25916662	0.272146	0.73469	-1.36112	0.491856	1.2072	1.2072	0.885064	1.03978	1.03978	0.264352	1.3686	1.3686	5.20393	5.99594	1.02417	1
cg19345417	0.105114	0.775822	-1.28896	0.00186994	1.8821	1.8821	0.37938	1.13799	1.13799	0.355201	0.872556	-1.14606	5.08669	1.65527	0.289256	1
cg22648407	0.56891	1.0865	1.0865	0.00575644	1.68449	1.68449	0.898797	0.981833	-1.0185	0.0958111	0.768287	-1.3016	4.37175	1.43759	0.292299	1
cg23649435	0.0645463	2.12488	2.12488	0.0303813	0.397013	-2.51881	0.959234	1.01873	1.01873	0.981904	0.991801	-1.00827	4.31446	9.0037	1.85499	1
cg11089646	0.256811	0.822389	-1.21597	0.964601	1.00736	1.00736	0.377761	0.861118	-1.16128	0.0365435	0.669347	-1.49399	4.21845	1.82373	0.384287	1
cg10957242	0.0359797	0.344194	-2.90534	0.560953	0.773344	-1.29309	0.155291	0.51435	-1.9442	0.322532	1.56325	1.56325	4.14257	12.5406	2.69089	1
cg15127832	0.525222	1.16924	1.16924	0.125995	0.668923	-1.49494	0.175457	0.704746	-1.41895	0.256118	0.749836	-1.33362	3.88194	3.62649	0.830396	1
cg11354594	0.398681	0.852265	-1.17334	0.00262152	0.462663	-2.1614	0.0611246	0.67678	-1.47759	0.670378	0.923847	-1.08243	4.18898	2.27075	0.481845	1
cg02500300	0.00132291	0.058765	-17.0169	0.277401	1.98464	1.98464	0.810675	1.15676	1.15676	0.555943	0.696693	-1.43535	3.73949	21.8063	5.18342	1
cg04036366	7.60E-05	0.193572	-5.16603	0.0381822	0.577039	-1.73299	0.963275	1.01059	1.01059	0.0759369	0.636346	-1.57147	8.73373	7.24482	0.737353	1
cg07592012	0.203926	0.754969	-1.32456	0.558755	0.883422	-1.13196	0.216586	0.761417	-1.31334	0.794069	0.946638	-1.05637	6.03938	4.20342	0.618668	1
cg19915413	0.586893	0.927448	-1.07823	0.00142555	1.88414	1.88414	0.513779	0.913102	-1.09517	0.617729	1.07152	1.07152	3.93748	1.17535	0.265336	1
cg17910679	0.00353242	1.61096	1.61096	0.216483	1.16977	1.16977	0.00615223	1.53868	1.53868	0.943143	1.00864	1.00864	9.8346	2.26424	0.204651	1
cg08086652	0.804871	1.04978	1.04978	0.000277522	0.311068	-3.21473	0.0225079	0.584854	-1.70983	0.704564	0.927958	-1.07763	7.62505	4.65232	0.542344	1
cg17241816	0.174796	0.729966	-1.36993	0.000567517	0.312065	-3.20446	0.685914	1.09272	1.09272	0.116519	0.689394	-1.45055	5.50435	4.14635	0.669588	1
cg04875987	0.0628903	0.71	-1.40845	0.835867	0.966615	-1.03454	0.879506	0.975477	-1.02514	0.0311799	0.661081	-1.51267	3.95479	1.67789	0.377126	1
cg15578811	0.47106	0.896856	-1.11501	0.549211	1.09415	1.09415	0.0643677	1.36144	1.36144	0.00291472	1.83551	1.83551	3.93195	1.37278	0.310342	1
cg23719157	0.000868857	0.388004	-2.57729	0.704685	0.930392	-1.07482	6.95E-05	0.252416	-3.96172	0.00465479	0.490111	-2.04035	20.5304	11.6739	0.505437	1
cg21631918	0.0815585	0.547204	-1.82747	0.101187	0.570865	-1.75173	0.00649674	0.331256	-3.01882	0.12526	0.595558	-1.6791	5.95636	9.20255	1.37333	1
cg24222546	0.0466412	0.394841	-2.53267	0.04071	0.381468	-2.62145	0.014552	0.292996	-3.41302	0.228481	0.597172	-1.67456	4.1046	10.8156	2.34222	1
cg00316939	0.167378	1.07203	1.07203	1.89E-05	1.50849	1.50849	0.00187737	0.811906	-1.23167	0.517777	0.969484	-1.03148	38.0529	1.34618	0.0314458	1
cg00563495	0.0551489	1.55402	1.55402	0.109528	1.42443	1.42443	0.128086	0.716375	-1.39592	0.127966	0.716288	-1.39609	8.87966	5.78184	0.578785	1
cg26451735	0.02261	0.37842	-2.64256	0.682539	1.15763	1.15763	0.859418	1.06514	1.06514	0.0324623	0.410182	-2.43794	4.44612	8.92188	1.7837	1
cg18640660	0.109604	1.36797	1.36797	0.00055269	2.61973	2.61973	0.354276	1.18671	1.18671	0.511835	1.12694	1.12694	4.36546	2.23077	0.454226	1
cg11680605	0.326347	0.777473	-1.28622	0.152257	0.683233	-1.46363	0.00201388	0.338812	-2.95149	0.15847	0.687665	-1.4542	7.50017	7.32892	0.868592	1
cg12771165	0.304816	1.18811	1.18811	0.00594091	1.79237	1.79237	0.0970507	0.74423	-1.34367	0.609968	1.08703	1.08703	15.2347	6.34802	0.370383	1
cg09814480	0.0617597	0.479493	-2.08554	0.000700379	0.164353	-6.08447	0.0400414	0.436457	-2.29118	0.0274802	0.402108	-2.48689	9.12245	17.6354	1.71839	1
cg25778497	0.41991	0.799534	-1.25073	0.00117556	0.274568	-3.64208	0.50039	0.830523	-1.20406	0.0210999	0.470962	-2.12331	8.43748	9.8491	1.0376	1
cg06766536	0.677561	0.913827	-1.0943	0.754506	0.93463	-1.06994	0.362476	0.817324	-1.2235	0.217828	0.756247	-1.32232	7.27056	5.34828	0.653874	1
cg18152517	0.170638	0.470437	-2.12568	0.00180444	0.100891	-9.91168	0.0316474	0.27196	-3.67701	0.0151509	0.213931	-4.67441	6.8757	29.0867	3.76032	1
cg04839520	0.860399	0.967642	-1.03344	0.00645718	0.515935	-1.93823	0.404967	0.85281	-1.17259	0.0174836	0.582457	-1.71687	6.49848	3.59364	0.491553	1
cg01388565	0.983172	1.00487	1.00487	0.0172294	0.512863	-1.94984	0.569639	1.14137	1.14137	0.0132296	0.493312	-2.02712	6.29068	5.27545	0.745435	1
cg11649846	0.320772	0.857217	-1.16657	0.0926945	1.32029	1.32029	0.401821	0.879094	-1.13754	0.0702479	0.737925	-1.35515	5.95438	2.12693	0.317516	1
cg20900829	0.00299673	0.231138	-4.32642	0.00499315	0.262649	-3.80736	0.358768	0.712093	-1.40431	0.0729766	0.486944	-2.05362	5.21011	10.6835	1.8227	1
cg17141969	0.633581	0.939523	-1.06437	0.00363789	1.66705	1.66705	0.732004	1.04567	1.04567	0.128277	0.807701	-1.23808	5.05841	1.35182	0.237548	1
cg08824245	0.18114	0.714518	-1.39954	0.0350632	1.78854	1.78854	0.383417	0.809272	-1.23568	0.282285	0.767557	-1.30283	4.70398	4.17644	0.789203	1
cg20308335	0.0675244	0.47222	-2.11766	0.014371	0.331082	-3.0204	0.050245	0.441484	-2.26509	0.0160366	0.339694	-2.94383	4.43774	9.43085	1.88902	1
cg12086281	0.0383058	0.60654	-1.6487	0.546358	0.880603	-1.13559	0.170189	0.737669	-1.35562	0.062768	0.646561	-1.54665	4.31071	2.96167	0.61071	1
cg23903035	0.384009	0.748156	-1.33662	0.0053719	0.303749	-3.29219	0.334414	0.723544	-1.38209	0.024884	0.419868	-2.3817	3.93975	6.59265	1.48744	1
cg06825631	0.101584	0.750383	-1.33265	0.374426	1.15727	1.15727	0.475063	1.12342	1.12342	0.28683	0.837614	-1.19387	3.61434	1.46936	0.361365	1
cg08220696	0.762735	1.08228	1.08228	0.112054	0.636438	-1.57124	0.00150033	0.30272	-3.30338	3.94E-05	0.12819	-7.80089	14.5346	15.6991	0.960107	1
cg06873352	0.0186365	0.309105	-3.23515	0.000404584	10.1218	10.1218	0.385496	0.69333	-1.44232	0.508477	0.75871	-1.31803	7.70376	20.6765	2.38574	1
cg07677032	0.144994	0.443841	-2.25306	0.00234942	9.05227	9.05227	0.612138	0.766941	-1.30388	0.336965	0.598249	-1.67154	6.82268	29.1015	3.79148	1
cg07659893	0.579981	1.11599	1.11599	0.061726	1.51151	1.51151	0.795372	0.950255	-1.05235	0.339717	1.21311	1.21311	5.74204	3.50533	0.542637	1
cg15103701	0.0785016	1.25022	1.25022	0.0711722	1.25899	1.25899	0.680961	0.953857	-1.04838	0.00161831	1.67597	1.67597	5.45012	1.12712	0.183827	1
cg07403228	0.0966653	0.394639	-2.53396	0.0581562	0.335665	-2.97916	0.92951	0.955894	-1.04614	0.0344199	0.284281	-3.51764	4.82126	19.8471	3.65918	1
cg05815411	0.591579	0.896347	-1.11564	0.0304822	0.590782	-1.69267	0.0832759	0.675022	-1.48143	0.0618093	0.649002	-1.54083	7.36825	4.64962	0.490804	1
cg09567823	0.00218621	0.187841	-5.32364	0.000560627	0.124716	-8.01819	0.871889	0.939133	-1.06481	0.00315317	0.208049	-4.80655	9.65255	23.1472	2.13159	1
cg06431681	0.74676	1.17155	1.17155	0.0333249	3.37167	3.37167	0.00450337	6.3611	6.3611	0.274905	1.74212	1.74212	4.62763	17.5009	3.36163	1
cg10711778	0.000316327	2.69458	2.69458	0.909007	0.980764	-1.01961	0.00683233	0.551425	-1.81348	0.531686	0.897962	-1.11363	11.5472	5.27839	0.406323	1
cg11808228	0.0896899	1.22216	1.22216	0.00245255	0.636426	-1.57127	0.00563992	0.67736	-1.47632	0.234209	0.874832	-1.14308	6.96307	1.26811	0.161884	1
cg17749468	0.120422	0.47051	-2.12536	0.932222	1.03881	1.03881	0.507508	1.35112	1.35112	0.000654387	0.0965288	-10.3596	5.46383	17.3355	2.82025	1
cg26168400	0.000173132	0.093595	-10.6843	0.0570289	1.96605	1.96605	0.322472	1.36349	1.36349	0.470787	1.24774	1.24774	10.3248	14.0002	0.903985	1
cg14280171	0.471282	0.671302	-1.48964	0.000712786	0.0606169	-16.497	0.981968	1.01237	1.01237	0.224438	0.499573	-2.00171	6.51141	30.5015	4.16384	1
cg26167861	0.241558	0.895483	-1.11672	0.380576	1.08437	1.08437	0.0450244	0.812909	-1.23015	0.0956562	0.848039	-1.17919	6.20464	0.796915	0.114168	1
cg14186304	0.0771389	0.521489	-1.91758	0.061537	0.49772	-2.00916	0.276285	0.687176	-1.45523	0.862109	0.944033	-1.05929	7.04053	12.2379	1.54508	1
cg13668495	0.101952	0.503369	-1.98662	0.00619203	0.254406	-3.93073	0.318007	0.673158	-1.48553	0.033855	0.386753	-2.58563	6.12948	14.2739	2.06998	1
cg01263169	0.0129838	0.672937	-1.48602	0.930084	0.988788	-1.01134	0.569585	0.928817	-1.07664	0.228879	1.17615	1.17615	4.87107	1.2736	0.23241	1
cg13332064	0.664498	0.932876	-1.07195	0.0252537	1.5275	1.5275	0.195414	0.804094	-1.24364	0.010273	0.597477	-1.6737	12.9818	5.21279	0.35693	1
cg21605512	0.721732	1.18083	1.18083	0.00041585	0.0740816	-13.4986	0.235891	1.78129	1.78129	0.199602	0.532657	-1.87738	4.9412	16.9061	3.0413	1
cg04798930	0.15563	0.879652	-1.13681	0.389205	1.07732	1.07732	0.100282	1.16412	1.16412	0.118688	1.15367	1.15367	7.91727	0.893223	0.100284	1
cg14184369	0.0227161	0.503636	-1.98556	0.0432313	0.557176	-1.79476	0.0693993	1.66678	1.66678	0.0353034	0.539804	-1.85252	7.17939	7.1931	0.890587	1
cg15556558	0.00147353	0.500717	-1.99714	0.714942	0.946214	-1.05684	0.202179	1.22503	1.22503	0.148949	1.26275	1.26275	4.76843	1.71568	0.319822	1
cg01210111	0.00693536	0.549283	-1.82056	0.0043515	0.520294	-1.92199	0.362355	0.851671	-1.17416	0.693618	1.07026	1.07026	4.45356	2.07431	0.414014	1
cg21685750	0.953251	1.00837	1.00837	0.951809	0.991443	-1.00863	0.0215995	0.675517	-1.48035	0.799422	1.03687	1.03687	3.93237	1.25919	0.284633	1
cg14987922	0.212329	1.57775	1.57775	0.00244064	0.231307	-4.32325	0.882562	0.949983	-1.05265	0.0581687	2.10269	2.10269	3.90398	7.4502	1.69632	1
cg11087939	0.286407	0.734786	-1.36094	0.208023	1.44706	1.44706	0.0471615	1.88192	1.88192	0.936269	1.02251	1.02251	3.63598	3.96669	1.09096	1
cg15301694	0.00783793	0.400389	-2.49757	0.00540343	0.37448	-2.67037	0.25522	0.72715	-1.37523	0.000228424	0.193504	-5.16786	11.5235	13.1313	1.01291	1
cg20548111	0.0107817	0.600774	-1.66452	0.159286	0.787199	-1.27033	0.0796199	1.36271	1.36271	0.580454	0.915021	-1.09287	6.87992	2.75728	0.356243	1
cg20906829	0.4627	1.07252	1.07252	0.290125	1.10829	1.10829	0.0243598	0.777814	-1.28566	0.563455	0.946773	-1.05622	6.37539	0.885492	0.12346	1
cg04199473	0.331599	1.54207	1.54207	0.296003	0.625908	-1.59768	0.00238785	6.23672	6.23672	0.259372	0.601236	-1.66324	7.41967	17.0878	2.63205	1
cg01024962	0.949785	0.974661	-1.026	0.689504	0.84903	-1.17781	0.791166	0.897492	-1.11422	0.0419244	0.384657	-2.59972	6.36153	16.732	2.33794	1
cg16577132	0.207305	0.739248	-1.35273	0.107622	1.49024	1.49024	0.973587	0.992506	-1.00755	0.225895	0.749068	-1.33499	3.43335	2.80684	0.726686	1
cg23974248	0.953494	0.986312	-1.01388	0.182511	1.39702	1.39702	0.698444	1.09637	1.09637	0.966568	1.00995	1.00995	3.68237	3.25728	0.786278	1
cg04247584	0.00881045	5.5685	5.5685	0.590432	0.755981	-1.32279	0.615178	1.29818	1.29818	0.752496	0.849694	-1.17689	4.89339	20.5433	3.73172	1
cg10073470	0.00030729	0.467613	-2.13852	5.07E-07	0.161968	-6.17406	0.00653009	1.58156	1.58156	1.09E-05	0.296387	-3.37396	52.0227	13.8629	0.23687	1
cg16232809	0.98579	0.997046	-1.00296	0.912049	0.981812	-1.01852	0.333427	1.18027	1.18027	0.11011	0.748794	-1.33548	14.505	6.33985	0.388517	1
cg00596686	0.238561	0.825865	-1.21085	0.0197064	1.54738	1.54738	0.271637	0.837472	-1.19407	0.251787	0.830638	-1.20389	13.4555	5.1193	0.338187	1
cg10985228	0.151909	0.615781	-1.62395	2.46E-05	0.0706252	-14.1592	0.029699	0.445602	-2.24415	0.0794331	0.540655	-1.84961	11.9593	18.8975	1.40458	1
cg11640565	0.0470974	2.47968	2.47968	0.856278	1.07515	1.07515	0.811509	0.908932	-1.10019	0.691731	1.17267	1.17267	4.29106	10.8558	2.24876	1
cg01887803	0.878272	0.970105	-1.03082	0.0101186	1.90122	1.90122	0.934434	0.983838	-1.01643	0.974566	1.00633	1.00633	6.8202	4.2359	0.552073	1
cg14802591	0.236835	1.35427	1.35427	0.990522	1.00291	1.00291	0.00355173	2.62937	2.62937	0.752213	0.925427	-1.08058	7.71624	7.31653	0.842843	1
cg24352075	0.117788	0.77182	-1.29564	0.000574066	0.443619	-2.25419	0.470813	0.894166	-1.11836	0.704153	1.0599	1.0599	7.54172	2.77722	0.327331	1
cg19571034	0.022928	0.575231	-1.73843	0.0421811	0.621482	-1.60906	0.301638	1.24293	1.24293	0.0299019	1.68063	1.68063	6.22554	4.07161	0.581349	1
cg20449283	0.000382744	0.418857	-2.38745	0.042777	0.699145	-1.43032	0.399086	1.14167	1.14167	0.0757246	0.738307	-1.35445	5.72989	2.13757	0.331606	1
cg09564913	0.166554	0.770151	-1.29845	0.554655	0.899592	-1.11161	0.948666	1.01147	1.01147	0.0787868	0.707767	-1.41289	4.79977	2.3833	0.441372	1
cg02921249	0.0279788	0.627619	-1.59332	0.211316	1.26651	1.26651	0.893698	1.02428	1.02428	0.06089	0.68452	-1.46088	3.75079	1.91216	0.453156	1
cg16538496	3.11E-06	0.484403	-2.0644	0.00419595	0.77804	-1.28528	0.222491	1.08752	1.08752	0.00893712	0.804407	-1.24315	22.2954	1.5123	0.0602934	1
cg25577940	0.00330388	0.543159	-1.84108	0.779819	1.04367	1.04367	0.00148242	0.49695	-2.01228	0.223153	1.21559	1.21559	15.4857	5.70531	0.327488	1
cg09828339	0.00495673	0.561578	-1.7807	0.0124301	0.617261	-1.62006	0.634804	1.07703	1.07703	2.58E-05	0.274455	-3.64358	15.081	5.74469	0.338597	1
cg22874627	0.0118347	1.36352	1.36352	0.0743252	0.821855	-1.21676	0.476804	0.931113	-1.07398	0.440071	0.925253	-1.08079	8.13322	1.25395	0.137046	1
cg02470179	0.259811	0.698253	-1.43215	0.00936125	0.365341	-2.73717	0.243722	0.688876	-1.45164	0.0183892	0.417257	-2.39661	8.06164	11.9209	1.31441	1
cg15907278	0.0365283	1.39539	1.39539	0.0228774	1.45248	1.45248	0.110677	0.787963	-1.26909	0.00640767	0.614919	-1.62623	6.47381	1.92727	0.264624	1
cg17577092	0.682397	0.898326	-1.11318	0.234167	1.38406	1.38406	0.344248	0.77577	-1.28904	0.278923	0.745735	-1.34096	4.99369	5.37158	0.956156	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07625139	STT3B	0.0221888	0.381047	0.91025	-1.0986	0.0122971	1.38586	1.38586	0.101818	1.20616	1.20616	0.781042	0.971257	-1.02959	0.0355844	1.29181	1.29181
cg03673368	STT3B	0.0266378	0.00106059	0.213521	-4.68339	0.406	1.3115	1.3115	0.781378	1.0928	1.0928	0.25315	0.683381	-1.46331	0.198407	0.648199	-1.54273
cg20103222	STT3B	0.032086	0.599492	1.16116	1.16116	0.0132839	0.420983	-2.3754	0.0347561	0.499587	-2.00165	0.100704	1.66027	1.66027	0.126776	0.627678	-1.59317
cg07880741	STUB1;JMJD8	8.00E-05	0.00515779	0.663683	-1.50674	0.000389115	1.87346	1.87346	0.767771	1.03341	1.03341	0.0727376	1.24883	1.24883	0.000549036	0.55117	-1.81432
cg12427264	STX11	0.000694129	0.00356209	4.54634	4.54634	0.000328942	9.24781	9.24781	0.0362468	2.54396	2.54396	0.0117523	3.34298	3.34298	0.00772716	3.71424	3.71424
cg06436032	STX11	0.00221665	0.00455399	0.541749	-1.84587	0.48896	0.892231	-1.12079	0.665552	0.931883	-1.0731	0.103654	0.749242	-1.33468	0.197312	0.80165	-1.24743
cg09744420	STX11	0.00342946	0.540287	0.779831	-1.28233	0.00264393	5.30507	5.30507	0.104376	2.03826	2.03826	0.0535509	2.40954	2.40954	0.0986494	0.483651	-2.06761
cg04281069	STX11	0.00555017	0.00525837	3.82283	3.82283	0.00301542	4.40023	4.40023	0.0799628	2.02972	2.02972	0.0427492	2.33928	2.33928	0.0268403	2.60001	2.60001
cg05242653	STX11	0.00730953	0.000181417	0.345191	-2.89694	0.362666	1.17015	1.17015	0.123008	0.755316	-1.32395	0.0813416	0.722901	-1.38332	0.991168	1.00186	1.00186
cg24614770	STX11	0.0086827	0.0252255	2.51063	2.51063	0.185095	0.614994	-1.62603	0.0288927	0.410185	-2.43792	0.794839	1.09433	1.09433	0.0221653	0.387265	-2.58221
cg17743719	STX11	0.0113396	0.0501322	0.644159	-1.55241	0.0281281	1.66634	1.66634	0.0108765	1.87694	1.87694	0.0287305	0.601686	-1.662	0.440928	0.856626	-1.16737
cg02701019	STX11	0.015544	0.029991	0.510271	-1.95974	0.00522485	0.378684	-2.64072	0.0465611	0.548433	-1.82338	0.169467	0.679959	-1.47068	0.0692006	0.58521	-1.70879
cg18582581	STX11	0.0200604	0.411993	1.22396	1.22396	0.582756	0.874881	-1.14301	0.0161214	2.03259	2.03259	0.00481561	0.406117	-2.46235	0.286335	0.765862	-1.30572
cg02281790	STX11	0.0284278	0.148716	0.697325	-1.43405	0.0519046	0.5976	-1.67336	0.0369168	0.568871	-1.75787	0.373148	0.808314	-1.23714	0.077636	0.633495	-1.57855
cg24693982	STX11	0.033316	0.25948	1.31331	1.31331	0.0855451	0.64382	-1.55323	0.295157	0.777602	-1.286	0.720309	0.920074	-1.08687	0.93559	0.981448	-1.0189
cg03949820	STX11	0.0364203	0.164321	0.449165	-2.22635	0.11019	0.390997	-2.55756	0.0498671	0.299252	-3.34166	0.130744	0.414694	-2.41142	0.000996538	0.0715723	-13.9719
cg24482021	STX11;STX11	0.0192153	0.444945	0.934842	-1.0697	0.126255	1.15389	1.15389	0.967806	1.0035	1.0035	0.72765	1.03071	1.03071	0.140073	1.14724	1.14724
cg00668034	STX12	0.000676632	0.055052	1.66753	1.66753	0.978544	1.00634	1.00634	0.875192	1.03764	1.03764	0.909824	0.973718	-1.02699	0.000126187	0.208233	-4.80232
cg12593849	STX12	0.00243143	0.753297	0.920641	-1.0862	0.235641	0.721851	-1.38533	0.115871	0.638789	-1.56546	0.380165	0.789717	-1.26628	0.000229983	0.201053	-4.97381
cg02892755	STX12	0.00998635	0.0898688	0.667796	-1.49746	0.0857105	0.663522	-1.50711	0.042704	0.604196	-1.65509	0.789742	0.943916	-1.05942	0.0116583	0.506203	-1.97549
cg16903618	STX12	0.0364208	0.0419329	0.526805	-1.89824	0.0578636	0.556409	-1.79724	0.332112	1.31463	1.31463	0.344536	1.30498	1.30498	0.0100534	0.411407	-2.43068
cg26411822	STX12	0.0397884	0.323359	0.667048	-1.49914	0.0198537	3.05322	3.05322	0.918307	1.04156	1.04156	0.393079	1.41521	1.41521	0.0105082	3.58977	3.58977
cg22331666	STX16;STX16;STX16;STX16	0.00388159	0.69316	0.951733	-1.05072	0.00728672	0.649385	-1.53992	0.0619249	0.769325	-1.29984	0.130193	1.22619	1.22619	0.000588622	0.51562	-1.93941
cg11822739	STX16;STX16;STX16;STX16	0.0114499	0.0581185	1.35721	1.35721	0.334672	0.867709	-1.15246	0.00719821	0.609733	-1.64006	0.33711	1.15159	1.15159	0.173333	0.813326	-1.22952
cg20784785	STX16;STX16;STX16;STX16;STX16;STX16 ;STX16;STX16	0.000897001	0.783847	1.01905	1.01905	0.00621792	0.782857	-1.27737	0.527759	0.957043	-1.04489	0.0359571	1.18229	1.18229	0.758076	0.979019	-1.02143
cg14153061	STX17	0.0112538	0.0142081	0.234991	-4.25549	0.0101203	0.211559	-4.72682	0.00829615	0.19875	-5.03145	0.0286072	0.290434	-3.44312	0.0195351	0.258941	-3.86188
cg13422870	STX17	0.0118726	0.00742416	0.40246	-2.48472	0.141299	0.658674	-1.5182	0.0522861	0.558449	-1.79067	0.0426362	0.540084	-1.85156	0.0036419	0.354093	-2.82412
cg21433820	STX18	6.89E-05	0.0453505	1.33296	1.33296	0.000213596	0.461082	-2.16881	0.377806	0.892892	-1.11996	7.23E-05	2.4709	2.4709	0.000476133	0.503217	-1.98721
cg27454316	STX18	0.000333714	0.00314036	0.334975	-2.9853	0.000272666	0.198727	-5.03203	0.000551347	0.233895	-4.27542	0.487468	0.826058	-1.21057	0.00110568	0.271863	-3.67833
cg03065503	STX18	0.000336827	0.000734974	0.216789	-4.61278	0.0113599	0.388864	-2.57159	0.00611133	0.344201	-2.90528	0.0914843	0.574725	-1.73996	6.55E-05	0.112631	-8.87859
cg27641801	STX18	0.00138986	0.0047245	0.42257	-2.36647	0.0594587	0.613702	-1.62946	0.0070843	0.449976	-2.22234	0.102623	0.663727	-1.50664	0.000193256	0.23689	-4.22137
cg18280125	STX18	0.00166881	0.787458	1.06727	1.06727	0.960781	0.988223	-1.01192	0.000233522	0.229832	-4.351	0.868582	0.96089	-1.0407	0.000873048	0.300342	-3.32954
cg16264361	STX18	0.00484045	0.952152	1.00839	1.00839	0.127466	1.25793	1.25793	0.000478332	0.466178	-2.1451	0.113891	0.787046	-1.27057	0.818698	1.03248	1.03248
cg26701920	STX18	0.00976113	0.0514029	1.23671	1.23671	0.945871	1.00653	1.00653	0.107311	0.845035	-1.18338	0.0992681	1.18898	1.18898	0.0495946	1.23935	1.23935
cg22524267	STX18	0.0101517	0.426199	0.918088	-1.08922	0.0523624	1.26121	1.26121	0.352469	1.10588	1.10588	0.113835	1.19835	1.19835	0.0255388	0.756462	-1.32194
cg22269291	STX18	0.010347	0.0191772	0.378162	-2.64437	0.316861	1.42627	1.42627	0.388416	1.35435	1.35435	0.960006	1.01736	1.01736	0.000360181	0.140363	-7.12441
cg23476312	STX18	0.0232587	0.564471	0.798277	-1.2527	0.030536	0.374164	-2.67263	0.0159764	0.319518	-3.12972	0.366954	0.69875	-1.43113	0.0183775	0.330712	-3.02378
cg17078326	STX18	0.0363736	0.0265687	0.353932	-2.8254	0.133483	1.89556	1.89556	0.548873	1.27082	1.27082	0.581128	0.802372	-1.2463	0.00203359	0.179282	-5.57781
cg14530801	STX18	0.0403527	0.172347	0.745172	-1.34197	0.341335	0.819918	-1.21963	0.159143	1.35623	1.35623	0.00171506	0.403998	-2.47526	0.599935	0.898372	-1.11312
cg10286163	STX1A;STX1A	0.000125927	0.919852	0.995065	-1.00496	0.0283994	0.88059	-1.1356	0.126706	1.08459	1.08459	0.020683	0.872014	-1.14677	0.00297306	0.818429	-1.22185
cg07236342	STX1A;STX1A	0.0127742	0.0241503	0.768563	-1.30113	0.0442152	1.25396	1.25396	0.0285711	1.28778	1.28778	0.0643699	0.815902	-1.22564	0.0921026	0.833988	-1.19906
cg22512973	STX1A;STX1A	0.0151156	0.0261826	1.87673	1.87673	0.318698	1.27883	1.27883	0.36286	0.799967	-1.25005	0.0762664	1.60112	1.60112	0.0315323	0.547824	-1.8254
cg09677935	STX1A;STX1A	0.0187877	0.558829	1.43995	1.43995	0.774488	1.19383	1.19383	0.0235918	0.188765	-5.2976	0.402676	0.589661	-1.69589	0.568001	1.42753	1.42753
cg01804343	STX1A;STX1A	0.041453	0.560062	0.903045	-1.10736	0.122536	0.748562	-1.33589	0.745917	0.945286	-1.05788	0.314792	0.835356	-1.19709	0.0603657	0.693116	-1.44276
cg22387519	STX1A;STX1A	0.0490287	0.022551	0.602955	-1.6585	0.238626	1.25682	1.25682	0.853906	1.03473	1.03473	0.677972	1.0804	1.0804	0.0142418	0.571237	-1.75059
cg04586407	STX1B	0.0110071	0.0721524	3.41055	3.41055	0.0242457	5.1656	5.1656	0.0282868	4.86946	4.86946	0.501793	1.51699	1.51699	0.13841	2.65161	2.65161
cg04374711	STX1B	0.0113248	0.023974	10.8765	10.8765	0.0185027	12.5714	12.5714	0.0403937	8.15026	8.15026	0.120132	4.45524	4.45524	0.0216233	11.5206	11.5206
cg05867134	STX1B	0.0147652	0.0202681	3.31497	3.31497	0.00710488	4.43291	4.43291	0.0888719	2.23339	2.23339	0.169363	1.87173	1.87173	0.0120792	3.81891	3.81891
cg07537206	STX1B	0.0180472	0.0165028	1.5526	1.5526	0.141078	1.26837	1.26837	0.0178397	1.5411	1.5411	0.233023	1.2066	1.2066	0.958442	0.992205	-1.00786
cg09499421	STX1B	0.0492127	0.102955	0.511475	-1.95513	0.085387	2.04359	2.04359	0.0807633	2.07054	2.07054	0.980366	0.990794	-1.00929	0.273841	0.651843	-1.53411
cg26509012	STX2;STX2	0.000166596	0.00017261	0.221512	-4.51443	0.000106122	0.198546	-5.03661	0.000135062	0.209765	-4.76724	0.0003922	0.263222	-3.79907	0.000565469	0.282992	-3.53367
cg02979435	STX2;STX2	0.000744216	0.122284	0.820476	-1.2188	6.94E-05	0.423685	-2.36024	0.101033	0.808812	-1.23638	0.800018	1.03045	1.03045	0.0299518	1.35221	1.35221
cg20232325	STX2;STX2	0.000817079	0.79204	1.03572	1.03572	0.0771805	1.29822	1.29822	0.108311	0.792397	-1.26199	0.00498897	1.6382	1.6382	0.0352819	1.38493	1.38493
cg04789663	STX2;STX2	0.00175432	0.300511	0.768152	-1.30183	0.109285	1.53621	1.53621	0.241053	0.73953	-1.35221	0.00135421	3.13933	3.13933	0.00752426	0.429286	-2.32945
cg20013021	STX2;STX2	0.00248559	0.23184	0.896394	-1.11558	0.175553	0.881936	-1.13387	0.191955	1.12803	1.12803	0.00351181	0.708004	-1.41242	8.41E-05	0.539597	-1.85324
cg20419829	STX2;STX2	0.00272571	0.526037	0.932629	-1.07224	0.0739164	1.2414	1.2414	0.491915	0.927023	-1.07872	0.412655	0.913085	-1.09519	0.613801	0.946256	-1.0568
cg12597325	STX2;STX2	0.00413064	0.758179	1.0652	1.0652	0.00782673	0.497514	-2.00999	0.0624768	0.65127	-1.53546	0.818244	0.954011	-1.04821	0.000800764	0.355164	-2.8156
cg10449329	STX2;STX2	0.00746868	0.0330331	0.41259	-2.42372	0.80252	1.09308	1.09308	0.0206895	0.371783	-2.68974	0.331571	0.700625	-1.4273	0.0179657	0.360173	-2.77645
cg07367607	STX2;STX2	0.00949176	0.228768	0.749514	-1.3342	0.0384392	0.578401	-1.72891	0.00144581	0.349631	-2.86016	0.789864	0.940852	-1.06287	0.00120268	0.338636	-2.95302
cg23194926	STX2;STX2	0.0100832	0.0275662	9.84718	9.84718	0.011683	15.8931	15.8931	0.0490981	7.1836	7.1836	0.102415	4.801	4.801	0.756537	0.761109	-1.31387
cg11639130	STX2;STX2	0.0102397	0.0145747	13.2602	13.2602	0.0109833	15.5105	15.5105	0.0470373	7.0482	7.0482	0.0703045	5.68675	5.68675	0.881842	1.1363	1.1363
cg11011512	STX2;STX2	0.0128199	0.0759924	3.56918	3.56918	0.069606	3.69737	3.69737	0.0933437	3.28476	3.28476	0.294231	2.01574	2.01574	0.640532	0.738579	-1.35395
cg10832093	STX2;STX2	0.01321	0.145954	2.33908	2.33908	0.00736138	6.55557	6.55557	0.120676	2.49994	2.49994	0.120225	2.50319	2.50319	0.516731	0.699154	-1.4303
cg05407909	STX2;STX2	0.0157353	0.0418741	2.43695	2.43695	0.538954	1.26651	1.26651	0.022691	2.81807	2.81807	0.0185788	2.95649	2.95649	0.0149956	0.321162	-3.11369
cg23773239	STX2;STX2	0.0158071	0.00479909	0.649873	-1.53876	0.39038	0.903618	-1.10666	0.132395	0.829455	-1.20561	0.0330414	0.750492	-1.33246	0.186044	0.85091	-1.17521
cg08169325	STX2;STX2	0.0208593	0.110702	0.777162	-1.28673	0.9487	1.00938	1.00938	0.0157108	1.53642	1.53642	0.0132172	1.5613	1.5613	0.946323	1.00981	1.00981
cg01945508	STX2;STX2	0.0230775	0.575033	0.83395	-1.19911	0.11042	0.572552	-1.74657	0.035647	0.456641	-2.18991	0.421512	0.768575	-1.30111	0.00177586	0.240158	-4.16393
cg03680790	STX2;STX2	0.0237414	0.00407622	0.507783	-1.96935	0.541579	0.897063	-1.11475	0.00727004	0.544081	-1.83796	0.33911	0.840961	-1.18912	0.00381312	0.503663	-1.98545
cg09812406	STX2;STX2	0.0314175	0.0686085	2.78225	2.78225	0.200152	1.97264	1.97264	0.155353	2.14526	2.14526	0.101826	2.45723	2.45723	0.480714	0.697798	-1.43308
cg23907926	STX2;STX2	0.0317263	0.0479028	11.6128	11.6128	0.0398235	13.151	13.151	0.107607	6.71168	6.71168	0.139533	5.6064	5.6064	0.757183	0.714446	-1.39969
cg04113200	STX2;STX2	0.0322581	0.0673031	6.97376	6.97376	0.0500167	8.30562	8.30562	0.0423248	9.16278	9.16278	0.107075	5.29257	5.29257	0.644134	0.643645	-1.55365
cg18193726	STX2;STX2	0.0395098	0.148449	1.33208	1.33208	0.759403	1.05848	1.05848	0.0358405	0.636511	-1.57106	0.848981	1.0359	1.0359	0.981973	1.00419	1.00419
cg04203298	STX3	0.000151113	0.0217758	0.864898	-1.15621	0.544466	1.03286	1.03286	0.62016	0.974009	-1.02668	0.00450937	0.81912	-1.22082	4.02E-06	0.568751	-1.75824
cg07005090	STX3	0.00305283	0.178382	0.764928	-1.30731	0.000669996	0.37706	-2.6521	0.855566	0.966429	-1.03474	0.981464	1.00436	1.00436	0.0315663	0.62346	-1.60395
cg19581696	STX3	0.00839917	0.272078	0.762003	-1.31233	0.285006	1.30216	1.30216	0.194283	1.38609	1.38609	0.0196245	0.511554	-1.95483	0.950436	0.985329	-1.01489
cg16340030	STX3	0.0120486	0.00227009	0.18531	-5.39636	0.0105781	0.280986	-3.5589	0.00869252	0.267085	-3.74412	0.0642583	0.440067	-2.27238	0.408807	0.716396	-1.39588
cg24219638	STX3	0.0156464	0.67973	1.09299	1.09299	0.0151344	1.89509	1.89509	0.727293	1.07787	1.07787	0.33767	1.2358	1.2358	0.807874	0.949155	-1.05357
cg19764973	STX3	0.0221318	0.0608433	0.347614	-2.87675	0.75635	1.1684	1.1684	0.681108	0.813324	-1.22952	0.0536458	0.334279	-2.99152	0.0045723	0.151359	-6.6068
cg27196815	STX3	0.024928	0.409292	1.09814	1.09814	0.62189	1.05669	1.05669	0.0125713	1.41099	1.41099	0.012103	0.706798	-1.41483	0.0130661	1.4071	1.4071
cg08893833	STX4	0.00185302	0.597934	1.1265	1.1265	0.166999	0.719104	-1.39062	0.190782	1.36352	1.36352	0.614052	1.12055	1.12055	0.0834758	0.651276	-1.53545
cg02366844	STX4	0.00429203	0.326811	1.14486	1.14486	0.341034	1.1401	1.1401	0.847164	1.02612	1.02612	0.824005	1.03021	1.03021	0.157099	0.816918	-1.22411
cg07404961	STX4	0.0043951	0.48641	1.17308	1.17308	0.50443	0.858219	-1.1652	0.0552493	0.612324	-1.63312	0.0738879	0.637846	-1.56778	0.000504237	0.293071	-3.41215
cg04609868	STX4	0.0383575	0.00711963	0.0292863	-34.1456	?	?	?	?	?	?	?	?	?	0.0671629	0.176163	-5.67657
cg05463941	STX4	0.0423905	0.0928211	0.767086	-1.30364	0.220988	1.20259	1.20259	0.111899	1.28175	1.28175	0.0859771	1.31266	1.31266	0.149517	0.801255	-1.24804
cg19904916	STX5	0.0124854	0.468799	1.15776	1.15776	0.907911	0.977264	-1.02326	0.78512	1.05582	1.05582	0.00514336	0.479777	-2.0843	0.000690521	0.357189	-2.79964
cg17701942	STX5	0.0165054	0.0149119	0.421795	-2.37082	0.0267063	0.469075	-2.13186	0.0252951	0.464497	-2.15287	0.109985	0.60514	-1.65251	0.00703028	0.366149	-2.73113
cg12149692	STX5	0.021741	0.126522	0.64965	-1.53929	0.328736	1.30088	1.30088	0.171536	1.46206	1.46206	0.0531874	1.77397	1.77397	0.854635	0.95327	-1.04902
cg21702188	STX5;NXF1;NXF1	0.00284858	0.0410746	0.719348	-1.39015	0.0269402	1.44216	1.44216	0.00801686	0.622018	-1.60767	0.385682	0.883132	-1.13233	0.00105564	0.508162	-1.96788
cg16122793	STX6	0.000298717	0.00200003	0.335396	-2.98155	0.0739123	0.607236	-1.64681	0.0171334	0.483069	-2.0701	0.413711	0.811185	-1.23276	0.000170476	0.201799	-4.95542
cg00955904	STX6	0.00199209	0.000187833	0.292153	-3.42287	0.000939328	0.38148	-2.62137	0.0259154	0.596687	-1.67592	0.491865	0.872562	-1.14605	0.00159882	0.413043	-2.42105
ch.1.3533603R	STX6	0.00874278	0.00466459	0.522999	-1.91205	0.0634656	1.43268	1.43268	0.0829037	1.39212	1.39212	0.0150257	0.597504	-1.67363	0.173613	0.779246	-1.28329
cg21438192	STX6	0.0224627	0.757537	0.944192	-1.05911	0.00252542	0.459521	-2.17618	0.00988636	0.546354	-1.83031	0.863956	1.03231	1.03231	0.00866768	0.537681	-1.85984
cg10097215	STX7	0.00046278	0.0138599	1.96784	1.96784	0.00101161	0.337654	-2.96161	0.000421141	0.288192	-3.46991	0.00023108	0.256457	-3.89928	0.00179064	0.371857	-2.6892
cg13841836	STX7	0.000463128	0.0755799	0.849764	-1.1768	0.0330377	0.814525	-1.22771	3.57E-05	0.518854	-1.92732	0.390991	0.930216	-1.07502	0.119171	1.14934	1.14934
cg01043910	STX7	0.0013385	0.0151627	0.624257	-1.6019	0.0115041	1.6475	1.6475	0.0109989	1.6551	1.6551	0.000431288	0.414982	-2.40975	0.00865521	0.589421	-1.69658
cg26998693	STX7	0.00548367	0.777982	0.957069	-1.04486	0.132913	1.28619	1.28619	0.00466586	1.79318	1.79318	0.00483822	0.559825	-1.78627	0.233687	1.21388	1.21388
cg14747339	STX7	0.00548841	0.0243565	0.69714	-1.43443	0.00516935	1.64277	1.64277	0.00180634	0.550675	-1.81595	0.487279	1.09954	1.09954	0.0101175	1.54687	1.54687
cg24336646	STX7	0.0141702	0.00135621	0.258852	-3.86321	0.224571	1.44863	1.44863	0.0973746	1.69638	1.69638	0.226223	0.691308	-1.44653	0.373192	1.3042	1.3042
cg22931950	STX7	0.0210765	0.940782	1.01136	1.01136	0.612392	1.08078	1.08078	0.0129732	1.5981	1.5981	0.0208852	1.52606	1.52606	0.136257	0.783423	-1.27645
cg03923838	STX7;STX7	0.0226402	0.91482	0.972005	-1.0288	0.235484	0.71895	-1.39092	0.582241	0.862907	-1.15887	0.0998546	1.61376	1.61376	0.180176	1.45895	1.45895
cg21685138	STX8	0.000370822	0.032528	0.569624	-1.75554	0.527713	0.865976	-1.15477	0.152777	0.708646	-1.41114	0.337398	1.24911	1.24911	7.65E-05	0.199437	-5.01411
cg06001524	STX8	0.00331728	0.0026939	0.312763	-3.19731	0.0146784	0.430826	-2.32112	0.00616638	0.36737	-2.72205	0.0375471	0.508461	-1.96672	0.00448418	0.345718	-2.89253
cg26898791	STX8	0.00422615	0.917611	0.979556	-1.02087	0.00533505	0.480596	-2.08075	0.00159806	0.404944	-2.46948	0.427833	1.1754	1.1754	0.0172451	0.560356	-1.78458
cg15837531	STX8	0.00998472	0.00526443	0.157854	-6.33496	0.19251	0.500555	-1.99778	0.0130225	0.213148	-4.69158	0.114824	0.423017	-2.36397	0.00185822	0.109065	-9.16881
cg05509701	STX8	0.0135158	0.00321155	0.226248	-4.41993	0.0675475	0.469161	-2.13146	0.0012301	0.17439	-5.73427	0.0877023	0.49832	-2.00674	0.0214516	0.360223	-2.77606
cg14582845	STX8	0.0192363	0.0181773	0.189055	-5.28945	0.00527571	0.118092	-8.46798	0.167608	0.425579	-2.34974	0.15216	0.410263	-2.43746	0.0131757	0.16778	-5.9602
cg25495024	STX8	0.0300302	0.0205585	0.124361	-8.04112	0.0542604	0.195533	-5.11424	0.127756	0.292191	-3.42242	0.169743	0.335287	-2.98252	0.0142206	0.104379	-9.58044
cg05342782	STX8	0.0407323	0.0303596	0.246203	-4.06169	0.271186	0.532172	-1.87909	0.502699	1.45436	1.45436	0.0662651	0.32163	-3.10916	0.0113013	0.174302	-5.73716
cg02281226	STX8;STX8;WDR16;WDR16	0.000624301	?	?	?	0.237513	0.578133	-1.7297	0.617359	0.802557	-1.24602	0.342888	1.53735	1.53735	0.500755	0.741441	-1.34873
cg00552574	STXBP1;STXBP1	0.000848156	0.0830778	1.60777	1.60777	0.483857	1.19252	1.19252	0.00883242	0.438266	-2.28172	0.870866	1.04108	1.04108	0.000106881	0.184224	-5.42816
cg27546241	STXBP2;STXBP2	1.34E-05	1.05E-05	0.227768	-4.39043	0.834312	0.967627	-1.03346	3.99E-05	0.291297	-3.43292	0.00241281	0.514823	-1.94241	3.56E-05	0.285532	-3.50224
cg24759919	STXBP2;STXBP2	1.66E-05	0.0033161	2.42743	2.42743	9.98E-05	0.216394	-4.62119	0.0447819	0.60001	-1.66664	0.00308488	0.407324	-2.45505	1.09E-05	0.125257	-7.98359
cg27550982	STXBP2;STXBP2	2.56E-05	0.0169668	0.407681	-2.4529	9.61E-06	18.8681	18.8681	0.845212	0.941544	-1.06209	0.963483	0.98599	-1.01421	0.00257592	3.62462	3.62462
cg15460739	STXBP2;STXBP2	5.34E-05	0.113717	0.689515	-1.45029	0.325273	1.24536	1.24536	3.55E-05	0.178331	-5.60755	0.179308	1.3609	1.3609	1.98E-06	0.0789842	-12.6608
cg24433207	STXBP2;STXBP2	0.000260324	0.644255	0.931804	-1.07319	0.123872	0.77636	-1.28806	2.75E-05	0.284877	-3.51029	0.798739	0.961931	-1.03958	0.527729	0.907385	-1.10207
cg12955777	STXBP2;STXBP2	0.000277236	0.0022901	0.161669	-6.18546	2.98E-05	32.9156	32.9156	0.604918	1.24988	1.24988	0.691803	1.18565	1.18565	0.199928	1.78375	1.78375
cg27508769	STXBP2;STXBP2	0.000522005	0.321546	0.769553	-1.29946	0.0983659	1.58988	1.58988	0.542244	0.854031	-1.17092	0.632894	1.13098	1.13098	0.205763	0.710766	-1.40693
cg00568984	STXBP2;STXBP2	0.00134319	0.0487592	0.307511	-3.25191	0.140838	0.43607	-2.29321	0.00481721	0.140911	-7.09666	0.192661	0.485571	-2.05943	0.0016368	0.0941084	-10.626
cg09354444	STXBP2;STXBP2	0.00230066	0.431423	0.831909	-1.20205	0.620802	1.12108	1.12108	0.209529	0.738511	-1.35408	0.838228	1.04797	1.04797	0.1619	0.710139	-1.40817
cg24479032	STXBP2;STXBP2	0.00248915	0.00259457	0.36493	-2.74025	0.0294949	0.538406	-1.85734	0.187258	0.713484	-1.40157	0.0259621	0.528126	-1.89349	0.373732	0.802085	-1.24675
cg05288071	STXBP2;STXBP2	0.0218626	0.0132114	0.105886	-9.44414	0.159468	0.333204	-3.00117	0.0108254	0.0963698	-10.3767	0.21643	0.386416	-2.58788	0.0756183	0.23558	-4.24484
cg15576517	STXBP2;STXBP2	0.0331513	0.159901	0.413029	-2.42114	0.278359	0.514922	-1.94204	0.635437	0.754862	-1.32474	0.0874906	0.32929	-3.03683	0.00744696	0.131419	-7.60926
cg21541083	STXBP2;STXBP2	0.0344397	0.0171542	0.179712	-5.56446	0.01017	0.147304	-6.78867	0.095807	0.33926	-2.9476	0.148119	0.399813	-2.50117	0.0145328	0.168818	-5.92353
cg01938118	STXBP3	0.00164257	0.0493419	0.383951	-2.6045	0.126749	0.497197	-2.01127	0.497883	1.3341	1.3341	?	?	?	?	?	?
cg11666924	STXBP3	0.00594837	?	?	?	0.938447	0.97079	-1.03009	?	?	?	0.000350009	0.110145	-9.07891	0.0219775	0.348272	-2.87132
cg04261791	STXBP3;STXBP3	0.0146598	0.0788217	0.669403	-1.49387	0.636676	0.906789	-1.10279	0.0881567	1.47248	1.47248	0.0259306	0.580589	-1.72239	0.00207526	0.410032	-2.43883
cg01641835	STXBP4	0.000312462	0.0268304	0.754406	-1.32555	0.000229972	0.518224	-1.92967	0.001027	0.592832	-1.68682	0.192662	1.15971	1.15971	9.75E-05	0.475095	-2.10484
cg13874701	STXBP4	0.0260344	0.0472073	0.631318	-1.58399	0.0623342	0.653789	-1.52955	0.0122073	0.531264	-1.8823	0.254639	0.785902	-1.27242	0.00207259	0.415482	-2.40684
cg24928900	STXBP5;STXBP5	0.00146161	0.788931	1.09802	1.09802	0.0091349	0.315355	-3.17103	0.00174117	0.210991	-4.73954	0.0491429	0.457178	-2.18733	0.000108318	0.0927558	-10.781
cg00103401	STXBP5;STXBP5	0.00874681	0.0132802	0.292287	-3.42129	0.00393858	0.211197	-4.73493	0.0611427	0.429179	-2.33003	0.3229	1.50579	1.50579	0.0136704	0.294477	-3.39585
cg05360265	STXBP5;STXBP5	0.0096524	0.783414	1.03954	1.03954	0.529825	1.09371	1.09371	0.984233	1.00278	1.00278	0.435988	0.894181	-1.11834	0.243183	0.842088	-1.18753
cg01135200	STXBP5;STXBP5	0.010634	0.640938	1.06962	1.06962	0.0094487	1.60206	1.60206	0.782718	1.04041	1.04041	0.208767	1.20908	1.20908	0.209595	1.20861	1.20861
cg20954708	STXBP5;STXBP5	0.0353696	0.00833596	0.783288	-1.27667	0.348393	0.932452	-1.07244	0.0377767	1.19069	1.19069	0.878296	1.01116	1.01116	0.0603426	0.857739	-1.16586
cg06935967	STXBP5;STXBP5	0.0440133	0.284434	1.30083	1.30083	0.00838426	2.21793	2.21793	0.498223	1.1766	1.1766	0.12186	1.4868	1.4868	0.0193145	0.512107	-1.95272
cg27067922	STXBP5;STXBP5	0.0446471	0.0230869	0.403739	-2.47685	0.299241	0.698262	-1.43213	0.0108888	0.343982	-2.90713	0.0233409	0.404667	-2.47116	0.017546	0.381029	-2.62447
cg07806886	STXBP5L	0.000367236	0.332992	0.833292	-1.20006	0.12839	0.740717	-1.35004	0.312547	0.826321	-1.21018	0.735924	0.940056	-1.06377	0.0667622	0.687049	-1.4555
cg14144559	STXBP5L	0.00238304	0.0311431	0.286358	-3.49213	0.674359	0.811459	-1.23235	0.138151	0.454186	-2.20174	0.0561963	0.343316	-2.91277	0.000336331	0.057372	-17.4301
cg14987681	STXBP5L	0.0239018	0.759199	1.08964	1.08964	0.127307	0.631023	-1.58473	0.763127	0.919068	-1.08806	0.00421685	2.91496	2.91496	0.815517	0.936826	-1.06743
cg00193200	STXBP5L	0.0288287	0.414625	0.578519	-1.72855	0.845459	1.13664	1.13664	?	?	?	0.450597	1.65615	1.65615	0.0547279	0.239301	-4.17884
cg25062812	STXBP6	0.000959531	0.205793	0.846405	-1.18147	0.0007043	0.524564	-1.90635	0.0439334	0.748801	-1.33547	0.00348942	1.6408	1.6408	0.000468951	0.503115	-1.98762
cg20937886	STXBP6	0.00884229	0.300533	1.19579	1.19579	0.0959778	0.73733	-1.35624	0.241873	0.815325	-1.2265	0.523107	0.897746	-1.1139	0.000804677	0.430446	-2.32317

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07625139	0.787106	1.02874	1.02874	0.0117028	0.719157	-1.39052	0.0588809	0.799878	-1.25019	0.633223	0.950928	-1.0516	4.5406	0.787735	0.154211	1
cg03673368	0.0606069	0.509248	-1.96368	0.129816	0.593338	-1.68538	0.285433	1.42461	1.42461	0.548049	1.21396	1.21396	4.26179	6.86777	1.43242	1
cg20103222	0.0551568	0.54169	-1.84607	0.0581136	1.82926	1.82926	0.533522	1.19461	1.19461	0.852143	0.948747	-1.05402	3.99004	5.02478	1.1194	1
cg07880741	0.000165372	0.490413	-2.0391	0.000295085	0.519773	-1.92392	0.0221592	1.35584	1.35584	0.000407853	0.536151	-1.86515	23.4985	4.58497	0.173438	1
cg12427264	0.0745793	2.14193	2.14193	7.11E-05	16.0785	16.0785	0.000379066	8.82422	8.82422	0.0247026	2.78864	2.78864	13.0417	30.3736	2.07019	1
cg06436032	0.227802	0.814353	-1.22797	3.04E-05	0.266443	-3.75315	0.806032	0.960878	-1.04072	0.043295	0.68587	-1.458	9.35662	3.89945	0.370452	1
cg09744420	0.119573	0.507896	-1.96891	0.000789382	7.65009	7.65009	0.00430093	4.62492	4.62492	0.217493	1.68273	1.68273	8.22373	20.9559	2.26508	1
cg04281069	0.794141	1.09997	1.09997	0.000409611	7.72887	7.72887	0.0156485	2.94379	2.94379	0.18579	1.66728	1.66728	7.10771	14.9456	1.86909	1
cg05242653	0.214975	0.803148	-1.2451	0.0190653	0.620914	-1.61053	0.566306	0.907229	-1.10226	0.026798	0.643665	-1.5536	6.52634	2.91537	0.397074	1
cg24614770	0.139516	0.576937	-1.73329	0.00212785	0.224636	-4.45165	0.056389	0.47365	-2.11126	0.00982931	0.323412	-3.09203	6.1823	11.7154	1.68443	1
cg17743719	0.0466161	0.638457	-1.56628	0.0175768	1.7664	1.7664	0.470269	1.15563	1.15563	0.756134	1.06327	1.06327	5.67656	3.48632	0.545921	1
cg02701019	0.182418	0.688713	-1.45198	0.000825789	0.265167	-3.77121	0.370362	0.78472	-1.27434	0.0446495	0.544683	-1.83593	5.11993	5.63189	0.977771	1
cg18582581	0.676104	1.10653	1.10653	0.016008	2.0348	2.0348	0.733192	1.08593	1.08593	0.131802	1.47979	1.47979	4.69975	4.32031	0.817123	1
cg02281790	0.114998	0.67105	-1.4902	0.00162735	0.349629	-2.86018	0.0735608	0.628549	-1.59097	0.0125406	0.485401	-2.06015	4.16546	3.5742	0.762717	1
cg24693982	0.653162	1.11049	1.11049	0.00188199	2.77617	2.77617	0.0523305	1.66744	1.66744	0.323601	1.26644	1.26644	3.93654	3.34678	0.755718	1
cg03949820	0.0729984	0.340062	-2.94064	0.300979	0.560974	-1.78261	0.126384	0.409862	-2.43985	0.0899087	0.364841	-2.74092	3.81172	17.564	4.09591	1
cg24482021	0.00888062	1.33393	1.33393	0.00310836	0.704699	-1.41904	0.210009	0.891985	-1.1211	0.269728	1.10456	1.10456	4.76885	0.56546	0.105399	1
cg00668034	0.301675	0.777601	-1.28601	0.000233838	0.238251	-4.19725	0.0225002	1.90116	1.90116	0.00528896	0.42139	-2.3731	13.1353	11.4955	0.777921	1
cg12593849	0.0211603	0.483414	-2.06862	0.000174571	0.188202	-5.31344	0.958523	1.01373	1.01373	0.11255	0.635699	-1.57307	9.10622	9.91861	0.968189	1
cg02892755	0.0331887	0.58408	-1.71209	0.000548561	0.313715	-3.1876	0.601734	1.12044	1.12044	0.0144893	0.521742	-1.91665	5.9132	4.36816	0.656634	1
cg16903618	0.123295	0.633554	-1.5784	0.0243123	0.480036	-2.08318	0.36208	0.774051	-1.29191	0.0416472	0.526193	-1.90044	3.8117	4.51223	1.05225	1
cg26411822	0.0523617	2.40083	2.40083	0.0558834	2.36261	2.36261	0.025263	2.87482	2.87482	0.676483	0.846563	-1.18125	3.69034	9.20902	2.21817	1
cg22331666	0.0102631	1.49718	1.49718	0.73612	1.0431	1.0431	0.107394	1.2451	1.2451	0.75938	1.03907	1.03907	7.92388	1.95298	0.219083	1
cg11822739	0.00578286	0.597093	-1.67478	0.798105	1.03723	1.03723	0.0266737	1.45434	1.45434	0.138783	1.25516	1.25516	5.65883	1.82293	0.286346	1
cg20784785	0.000236718	1.51899	1.51899	0.000488531	0.687289	-1.45499	0.0266462	0.835028	-1.19756	0.96397	1.00311	1.00311	12.1341	0.905221	0.0663121	1
cg14153061	0.0214971	0.266542	-3.75176	0.0034492	0.14936	-6.69523	0.0139377	0.233608	-4.28067	0.0281619	0.289073	-3.45933	5.6905	20.6572	3.22678	1
cg13422870	0.00459742	0.369502	-2.70635	0.00416667	0.362948	-2.75522	0.231161	0.717844	-1.39306	0.0340735	0.520573	-1.92096	5.59282	6.17064	0.980725	1
cg21433820	0.00901214	0.659895	-1.51539	0.00129516	0.55612	-1.79817	0.00107194	1.83118	1.83118	0.0713981	1.2867	1.2867	24.4488	6.06886	0.220646	1
cg27454316	0.167018	0.670958	-1.49041	0.0432582	0.532702	-1.87722	2.73E-05	0.10636	-9.40207	0.00225433	0.314111	-3.18359	15.9769	18.5668	1.03298	1
cg03065503	7.52E-05	0.117489	-8.51145	0.000743313	0.217375	-4.60036	0.739262	0.905245	-1.10467	0.00334268	0.304155	-3.2878	15.9363	22.4187	1.25046	1
cg27641801	0.080486	1.56038	1.56038	0.0304072	0.557701	-1.79307	0.892328	0.969397	-1.03157	0.000555431	0.292427	-3.41966	10.7119	8.93555	0.741487	1
cg18280125	0.0014748	0.331052	-3.02068	0.386879	1.23823	1.23823	0.1633	0.69875	-1.43113	0.00614427	0.422627	-2.36615	10.1621	9.34141	0.817106	1
cg16264361	0.394951	1.12897	1.12897	0.00120121	0.516559	-1.93589	0.26048	0.849244	-1.17752	0.366235	1.13797	1.13797	7.41154	2.27538	0.272894	1
cg26701920	0.488001	0.934736	-1.06982	0.00213537	0.66147	-1.51178	0.306499	1.10674	1.10674	0.0128035	1.34471	1.34471	5.95646	0.865652	0.129182	1
cg22524267	0.134457	0.843874	-1.18501	0.00556047	0.681735	-1.46685	0.677237	0.956927	-1.04501	0.00679808	1.44613	1.44613	5.88221	1.03068	0.155751	1
cg22269291	0.200799	1.58986	1.58986	0.631701	1.18024	1.18024	0.968253	0.986436	-1.01375	0.190988	0.621813	-1.6082	5.84641	10.9025	1.65762	1
cg23476312	0.644265	0.835409	-1.19702	0.00324355	0.211657	-4.72462	0.316441	0.669934	-1.49269	0.00780787	0.266925	-3.74637	4.46759	10.5845	2.10592	1
cg17078326	0.233446	0.610424	-1.63821	0.243396	0.617369	-1.61978	0.894921	1.0536	1.0536	0.344382	0.680571	-1.46936	3.8135	9.42892	2.19779	1
cg14530801	0.413056	1.18466	1.18466	0.21443	1.303	1.303	0.7162	1.07673	1.07673	0.390229	0.836703	-1.19517	3.67124	2.38429	0.57729	1
cg10286163	0.590265	1.02708	1.02708	2.32E-06	0.567942	-1.76074	0.0174038	0.867341	-1.15295	0.0551029	1.11282	1.11282	20.8139	0.796454	0.0340138	1
cg07236342	0.0641752	0.815752	-1.22586	0.697944	0.962536	-1.03892	0.00582535	0.702203	-1.42409	0.225708	0.882882	-1.13265	5.46129	0.829131	0.134951	1
cg22512973	0.84739	0.955061	-1.04705	0.217653	0.733808	-1.36276	0.00171565	2.90977	2.90977	0.760058	1.07584	1.07584	5.16756	4.6612	0.801788	1
cg09677935	0.00153538	0.0601212	-16.6331	0.118204	2.84684	2.84684	0.0294954	0.205775	-4.85969	0.60975	1.37369	1.37369	4.80527	28.9491	5.35506	1
cg01804343	0.150101	0.765669	-1.30605	0.000787833	0.415544	-2.40649	0.553576	0.901484	-1.10928	0.792771	0.955456	-1.04662	3.63493	1.7243	0.42166	1
cg22387519	0.067715	1.46086	1.46086	0.0914566	0.708775	-1.41089	0.299606	0.819473	-1.2203	0.465614	0.871516	-1.14743	3.41346	1.85434	0.482884	1
cg04586407	0.0681525	3.48547	3.48547	0.000586591	25.729	25.729	0.00753882	8.18069	8.18069	0.0167445	5.95967	5.95967	5.73133	33.9204	5.26081	1
cg04374711	0.0424289	7.93265	7.93265	0.00158428	55.6268	55.6268	0.00522591	26.1821	26.1821	0.0118549	16.1828	16.1828	5.67897	70.6306	11.0553	1
cg05867134	0.310985	1.56649	1.56649	0.00143419	7.19773	7.19773	0.022394	3.22689	3.22689	0.0618805	2.46034	2.46034	5.20778	15.1216	2.58103	1
cg07537206	0.0424798	1.42031	1.42031	0.00605202	0.583662	-1.71332	0.547362	0.912608	-1.09576	0.475901	1.11502	1.11502	4.87084	1.74001	0.317537	1
cg09499421	0.457307	0.752406	-1.32907	0.0301478	0.383562	-2.60714	0.0350825	2.51618	2.51618	0.323008	0.681368	-1.46763	3.40862	7.62513	1.98846	1
cg26509012	0.0168032	0.501882	-1.9925	8.95E-05	0.190829	-5.24028	0.0673834	0.616152	-1.62298	0.00589709	0.426905	-2.34244	19.3026	17.0659	0.78589	1
cg02979435	0.0550789	0.77338	-1.29303	0.0292965	1.35442	1.35442	0.00549006	1.53938	1.53938	0.0236383	1.37611	1.37611	12.7893	2.82776	0.196536	1
cg20232325	0.00121562	1.8757	1.8757	0.00183105	0.555403	-1.80049	0.00219705	0.565346	-1.76883	0.0222076	0.694809	-1.43924	12.4578	3.481	0.248376	1
cg04789663	0.498142	0.844439	-1.18422	0.000564349	0.268751	-3.72092	0.0686389	1.65052	1.65052	0.0747377	1.62911	1.62911	10.0161	9.58896	0.850978	1
cg20013021	0.0113503	0.758455	-1.31847	0.712874	1.03276	1.03276	0.375957	0.923807	-1.08248	0.681769	1.03662	1.03662	9.04742	1.09011	0.107101	1
cg20419829	0.640383	1.0524	1.0524	3.64E-05	2.37088	2.37088	0.543312	0.935394	-1.06907	0.336431	1.1136	1.1136	8.80471	1.64337	0.165908	1
cg12597325	0.00154546	0.394031	-2.53787	0.286653	0.797478	-1.25395	0.356765	1.21392	1.21392	0.00426269	0.457418	-2.18618	7.77673	5.15239	0.588924	1
cg10449329	0.0631354	0.476008	-2.10081	0.000241124	0.115622	-8.64884	0.543674	1.24396	1.24396	0.152897	0.580609	-1.72233	6.4825	12.9501	1.77573	1
cg07367607	0.0260567	0.547248	-1.82733	0.0205737	0.528999	-1.89036	0.668645	0.906389	-1.10328	0.0479193	0.596766	-1.6757	6.00985	4.95986	0.73359	1
cg23194926	0.530638	0.572613	-1.74638	0.00200374	45.9677	45.9677	0.00458713	27.4508	27.4508	0.0199315	11.7767	11.7767	5.89497	71.9351	10.8469	1
cg11639130	0.574973	0.614631	-1.62699	0.00160241	48.848	48.848	0.00679165	20.3601	20.3601	0.0266434	9.55333	9.55333	5.86596	68.5712	10.3908	1
cg11011512	0.286685	0.490231	-2.03985	0.00103036	22.952	22.952	0.00676474	9.60137	9.60137	0.0347735	4.88203	4.88203	5.45493	35.869	5.8449	1
cg10832093	0.406126	0.629607	-1.58829	0.00156053	11.8802	11.8802	0.00973567	5.92959	5.92959	0.0713934	2.99265	2.99265	5.40179	25.3537	4.17206	1
cg05407909	0.468011	0.755433	-1.32374	0.179567	0.581917	-1.71846	0.0191696	2.9343	2.9343	0.543592	1.26302	1.26302	5.09918	11.6505	2.03092	1
cg23773239	0.956739	1.00627	1.00627	0.00424396	1.55381	1.55381	0.547083	1.07269	1.07269	0.771744	0.967059	-1.03406	5.09148	1.06927	0.186677	1
cg08169325	0.281553	1.17626	1.17626	0.117902	0.781692	-1.27928	0.0937768	1.30645	1.30645	0.00897472	1.61934	1.61934	4.63766	1.54545	0.296212	1
cg01945508	0.015026	0.38359	-2.60695	0.00968708	0.350229	-2.85528	0.849316	0.94085	-1.06287	0.109694	0.571784	-1.74891	4.47966	7.29041	1.44662	1
cg03680790	0.78445	0.952944	-1.04938	0.567662	0.903439	-1.10688	0.173117	0.775046	-1.29025	0.0671521	0.697199	-1.43431	4.436	2.17116	0.43506	1
cg09812406	0.0517512	0.329143	-3.0382	0.00946174	5.21084	5.21084	0.0286453	3.65458	3.65458	0.0864623	2.58753	2.58753	4.02019	16.0451	3.54767	1
cg23907926	0.966193	0.955089	-1.04702	0.00487288	57.196	57.196	0.0132377	27.9083	27.9083	0.0276089	16.8445	16.8445	4.00617	74.584	16.5487	1
cg04113200	0.972896	0.96833	-1.03271	0.00557563	31.4507	31.4507	0.0156811	16.5363	16.5363	0.0313814	10.9296	10.9296	3.98241	56.5919	12.6315	1
cg18193726	0.986272	1.00319	1.00319	0.00176101	2.28047	2.28047	0.889341	0.974574	-1.02609	0.290798	1.22483	1.22483	3.69989	2.00549	0.481813	1
cg04203298	0.0463411	0.886659	-1.12783	0.00021712	0.722406	-1.38426	0.0920095	1.1027	1.1027	0.132618	0.918023	-1.0893	19.8174	0.871992	0.0391123	1
cg07005090	0.000293281	0.330917	-3.02191	0.352332	1.19646	1.19646	0.809959	1.04619	1.04619	0.16451	1.32041	1.32041	8.51388	4.73603	0.494464	1
cg19581696	0.0474776	0.583313	-1.71434	0.000272492	0.242114	-4.13029	0.350901	0.795912	-1.25642	0.257124	0.754887	-1.3247	6.24752	5.59304	0.795769	1
cg16340030	0.0151748	0.308024	-3.2465	0.00662677	0.24875	-4.0201	0.0245882	0.347509	-2.87763	0.259357	0.628424	-1.59128	5.5662	13.7398	2.19417	1
cg24219638	0.837209	1.04505	1.04505	0.376201	0.823232	-1.21472	0.000346956	3.43007	3.43007	0.667755	1.0969	1.0969	5.10879	3.71221	0.645895	1
cg19764973	0.0110317	0.20306	-4.92466	0.0980447	0.403539	-2.47808	0.00648963	0.170458	-5.86653	0.0582252	0.342894	-2.91635	4.54461	17.9974	3.52015	1
cg27196815	0.514463	1.07609	1.07609	0.240343	0.872522	-1.1461	0.254502	0.876354	-1.14109	0.63568	0.948438	-1.05437	4.3616	0.850045	0.173238	1
cg08893833	0.269001	0.772851	-1.29391	0.607145	0.890404	-1.12309	2.98E-05	6.23366	6.23366	0.974892	1.00707	1.00707	9.85837	7.82202	0.70528	1
cg02366844	0.331871	1.14315	1.14315	0.00012458	0.409148	-2.4441	0.0069527	0.627085	-1.59468	0.980211	1.00332	1.00332	7.68715	2.17427	0.251418	1
cg07404961	0.0456487	0.59616	-1.6774	0.00453525	0.425909	-2.34792	0.230549	1.32831	1.32831	0.00293937	0.397753	-2.51412	7.63211	6.15827	0.717235	1
cg04609868	0.327852	0.460631	-2.17094	0.722481	0.766975	-1.30382	0.241277	2.60318	2.60318	0.123637	3.87294	3.87294	7.2021	36.3159	3.36161	1
cg05463941	0.785688	0.961674	-1.03985	0.578679	0.922718	-1.08375	0.10349	0.774668	-1.29088	0.00931046	0.623122	-1.60482	3.60493	1.1738	0.28943	1
cg19904916	0.28665	1.24595	1.24595	0.770196	1.05994	1.05994	0.369707	1.20092	1.20092	0.313787	0.812979	-1.23004	5.50213	3.44208	0.55608	1
cg17701942	0.0194143	0.442708	-2.25882	0.0910186	0.584649	-1.71043	0.344605	1.32403	1.32403	0.00871841	0.381517	-2.62112	5.01873	6.60766	1.17031	1
cg12149692	0.00810924	2.42196	2.42196	0.0027062	2.94823	2.94823	0.897573	0.966951	-1.03418	0.0882332	1.63375	1.63375	4.57247	4.9312	0.958626	1
cg21702188	0.874392	1.02235	1.02235	0.420019	0.891245	-1.12203	0.00314931	1.75763	1.75763	0.0713901	0.754728	-1.32498	8.6906	2.68803	0.274936	1
cg16122793	0.00036425	0.239169	-4.18114	8.68E-05	0.171475	-5.83177	0.130688	1.50491	1.50491	0.000647156	0.269726	-3.70747	16.4694	16.3582	0.882887	1
cg00955904	0.261616	0.795652	-1.25683	0.00452233	0.47769	-2.09341	0.181043	0.757825	-1.31957	0.016827	0.565759	-1.76754	9.65304	5.82957	0.536809	1
ch.1.3533603R	0.04504	0.672836	-1.48625	0.252937	0.814055	-1.22842	0.00410624	0.51514	-1.94122	0.465955	0.880003	-1.13636	6.16882	2.9001	0.417887	1
cg21438192	0.66934	0.923424	-1.08293	0.392373	0.850018	-1.17645	0.846722	1.03654	1.03654	0.0441398	0.651264	-1.53547	4.5215	2.46272	0.48415	1
cg10097215	0.508999	0.861452	-1.16083	0.375135	1.22463	1.22463	0.1274	1.44336	1.44336	0.953265	1.01313	1.01313	14.6002	11.4592	0.697659	1
cg13841836	0.386822	0.929592	-1.07574	0.000121739	0.575675	-1.73709	0.101695	1.15889	1.15889	0.526165	1.05428	1.05428	14.5971	1.56599	0.0953607	1
cg01043910	0.0175631	0.633559	-1.57839	0.195551	0.805571	-1.24136	0.193919	1.24245	1.24245	0.204195	1.23569	1.23569	10.8282	4.27807	0.351189	1
cg26998693	0.426037	0.881459	-1.13448	0.00451493	0.555717	-1.79948	0.279715	0.839921	-1.19059	0.0393491	1.44782	1.44782	7.13407	2.7228	0.339254	1
cg14747339	0.36142	0.881492	-1.13444	0.928969	1.01206	1.01206	0.862625	0.976983	-1.02356	0.198256	1.20059	1.20059	7.13217	2.04199	0.254495	1
cg24336646	0.425007	1.26704	1.26704	0.0125159	0.40555	-2.46578	0.507844	0.82269	-1.21553	0.295917	1.37009	1.37009	5.27886	7.05655	1.18823	1
cg22931950	0.0145151	0.632644	-1.58067	0.497333	0.900534	-1.11045	0.0409869	0.698654	-1.43132	0.845002	1.03021	1.03021	4.62129	1.69202	0.325454	1
cg03923838	0.674437	1.11865	1.11865	0.000955531	0.270852	-3.69205	0.574406	0.860206	-1.16251	?	?	?	4.58942	4.55057	0.991536	1
cg21685138	0.0289238	0.560313	-1.78472	0.0324622	0.569463	-1.75604	0.000214936	4.01286	4.01286	0.00320253	0.404561	-2.47181	15.5206	12.4335	0.712082	1
cg06001524	0.00678957	0.37408	-2.67323	0.00145319	0.275458	-3.63031	0.582876	1.1682	1.1682	0.00406887	0.339276	-2.94745	8.30583	10.3355	1.1061	1
cg26898791	0.259465	0.790695	-1.26471	0.00474684	2.11413	2.11413	0.144239	1.36771	1.36771	0.49791	0.871652	-1.14725	7.7232	4.87462	0.561037	1
cg15837531	0.191848	0.49998	-2.00008	0.00199986	0.112062	-8.92361	0.210434	0.515756	-1.9389	0.0277439	0.271091	-3.6888	5.91351	23.5757	3.54377	1
cg05509701	0.36681	0.709932	-1.40859	0.0502236	0.438289	-2.2816	0.739467	0.883975	-1.13125	0.0284969	0.384746	-2.59912	5.36146	11.5945	1.92228	1
cg14582845	0.0976661	0.348021	-2.87339	0.0142562	0.172786	-5.78749	0.00456194	0.111469	-8.9711	0.0864393	0.332843	-3.00442	4.76709	25.4703	4.74929	1
cg25495024	0.337887	0.477988	-2.0921	0.00265144	0.0447471	-22.3478	0.124983	0.289141	-3.45852	0.0259115	0.138646	-7.21259	4.08537	36.1212	7.85919	1
cg05342782	0.153129	0.430674	-2.32194	0.0365606	0.262414	-3.81077	0.0113382	0.174505	-5.73049	0.089576	0.356786	-2.8028	3.65858	17.5694	4.26868	1
cg02281226	?	?	?	0.128537	2.08747	2.08747	0.000139843	35.6545	35.6545	9.46E-05	46.1113	46.1113	23.0147	51.1856	1.90632	1
cg00552574	0.00054174	0.264244	-3.78438	0.0037564	0.379824	-2.6328	0.196216	0.713062	-1.4024	0.00913997	0.440712	-2.26905	12.3274	11.9561	0.862113	1
cg27546241	5.49E-05	0.30726	-3.25457	0.000288177	0.394741	-2.5333	0.000591056	2.30183	2.30183	0.000128306	0.351261	-2.84688	37.5785	14.6912	0.347508	1
cg24759919	0.0314637	0.571496	-1.74979	7.14E-06	0.11085	-9.02122	0.000513771	3.32792	3.32792	0.985902	1.00393	1.00393	35.5844	27.7137	0.692279	1
cg27550982	2.46E-05	13.2846	13.2846	0.00103914	0.223898	-4.46633	4.85E-05	10.5399	10.5399	0.235303	1.46714	1.46714	31.7359	47.733	1.33695	1
cg15460739	0.0182313	0.538417	-1.8573	0.000707956	0.328028	-3.04852	0.570789	0.883593	-1.13174	0.0277705	0.570129	-1.75399	26.1572	19.3328	0.656978	1
cg24433207	0.0339432	0.686545	-1.45657	1.47E-05	0.254884	-3.92336	0.942482	0.989099	-1.01102	0.0215669	0.65756	-1.52077	17.1003	6.24941	0.324851	1
cg12955777	0.00441753	5.07272	5.07272	0.148432	0.515574	-1.93958	0.000293061	12.4564	12.4564	0.0857141	2.25181	2.25181	16.809	48.6271	2.57149	1
cg27508769	0.000138626	5.38907	5.38907	0.148978	0.673101	-1.48566	3.63E-05	7.64719	7.64719	0.153212	1.47877	1.47877	14.1207	14.631	0.921016	1
cg00568984	0.0105079	0.185063	-5.40355	4.19E-05	0.0167991	-59.5269	0.29691	0.567436	-1.76231	0.00505916	0.143405	-6.97325	10.8173	47.0326	3.8648	1
cg09354444	0.578202	1.13738	1.13738	0.00385856	0.40973	-2.44063	8.45E-05	5.05255	5.05255	0.758812	0.931851	-1.07313	9.25521	7.69926	0.739452	1
cg24479032	0.165528	0.699607	-1.42937	0.0505692	0.583831	-1.71282	0.000384282	3.93019	3.93019	0.535532	1.16363	1.16363	9.04361	8.35578	0.821283	1
cg05288071	0.0368671	0.169957	-5.88383	0.00302964	0.0513001	-19.4931	0.111635	0.28179	-3.54874	0.0126511	0.103747	-9.63884	4.56373	38.6235	7.52279	1
cg15576517	0.24804	0.491108	-2.03621	0.00213746	0.0788566	-12.6812	0.0427836	0.25332	-3.94757	0.0790653	0.31722	-3.15239	3.94356	21.6564	4.88141	1
cg21541083	0.0699595	0.302	-3.31126	0.019982	0.190282	-5.25535	0.0240535	0.203882	-4.9048	0.112358	0.360074	-2.77721	3.88976	21.5114	4.91578	1
cg01938118	0.0547962	0.395139	-2.53075	4.35E-05	0.0268283	-37.274	0.934807	1.03478	1.03478	0.302885	0.638632	-1.56585	12.8207	27.0035	2.10625	1
cg11666924	0.713271	0.867907	-1.1522	0.0438601	0.411002	-2.43308	0.0138394	0.311112	-3.21428	0.776931	1.1152	1.1152	7.28959	13.2305	2.07427	1
cg04261791	0.0530797	0.636359	-1.57144	0.527105	1.14085	1.14085	0.503811	1.14971	1.14971	0.106434	1.43696	1.43696	5.22011	3.49622	0.595343	1
cg01641835	0.961945	1.00514	1.00514	0.00324994	1.53922	1.53922	0.348512	1.10929	1.10929	0.125523	0.836804	-1.19502	16.2678	2.97521	0.162568	1
cg13874701	0.0130177	0.535744	-1.86656	0.186683	0.753124	-1.3278	0.831735	0.957817	-1.04404	0.188501	0.754106	-1.32607	4.29609	2.79154	0.577587	1
cg24928900	0.152972	0.586611	-1.70471	0.00555784	0.280969	-3.55911	0.0560418	2.12602	2.12602	0.363203	0.722036	-1.38497	10.5581	20.3099	1.7099	1
cg00103401	0.338426	0.67329	-1.48524	0.0678798	0.440518	-2.27005	0.0141158	3.36795	3.36795	0.177018	0.562576	-1.77754	6.16791	15.6983	2.26236	1
cg05360265	0.00160334	0.528895	-1.89073	0.0865697	0.766115	-1.30529	0.00263226	1.79663	1.79663	0.214042	1.20215	1.20215	5.97779	1.87519	0.278838	1
cg01135200	0.00539057	0.591614	-1.69029	0.0219729	0.67453	-1.48251	0.0909965	1.30572	1.30572	0.0328649	1.42992	1.42992	5.79528	1.8843	0.289017	1
cg20954708	0.0360256	0.838057	-1.19324	0.363658	0.934606	-1.06997	0.0462835	0.847563	-1.17985	0.705684	0.972889	-1.02787	3.85245	0.320207	0.0738825	1
cg06935967	0.237246	1.34026	1.34026	0.803385	1.06078	1.06078	0.0993652	1.53303	1.53303	0.122146	1.48627	1.48627	3.55487	3.14967	0.787571	1
cg27067922	0.614612	0.8441	-1.18469	0.331124	0.715515	-1.3976	0.478312	1.27207	1.27207	0.0838725	0.528035	-1.89382	3.53593	6.24107	1.56893	1
cg07806886	0.069597	0.690307	-1.44863	2.73E-06	0.127805	-7.82442	0.137594	0.746758	-1.33912	0.950909	1.01131	1.01131	15.5622	8.2197	0.469496	1
cg14144559	0.00127177	0.0978803	-10.2166	0.00234792	0.12259	-8.15725	0.043868	0.318181	-3.14287	0.00130543	0.0988481	-10.1165	9.16017	35.4585	3.44084	1
cg14987681	0.0875967	1.69302	1.69302	0.141463	1.55502	1.55502	0.582189	1.16784	1.16784	0.0111902	0.411633	-2.42935	4.42568	5.46463	1.09756	1
cg00193200	0.00959192	0.116223	-8.60418	0.984091	1.01317	1.01317	0.00962434	8.59172	8.59172	0.331037	1.93136	1.93136	4.2152	25.5596	6.06367	1
cg25062812	0.00654857	0.643197	-1.55473	0.0324997	0.731464	-1.36712	0.389903	1.11637	1.11637	0.162027	1.20507	1.20507	11.9051	2.94324	0.219756	1
cg20937886	0.754727	1.05362	1.05362	0.144486	1.29857	1.29857	0.00802441	1.7615	1.7615	0.378857	1.16239	1.16239	6.14674	2.70446	0.391095	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01863964	STXBP6	0.0132073	0.429537	1.27798	1.27798	0.926339	1.02853	1.02853	0.832968	1.06634	1.06634	0.256507	1.43366	1.43366	0.0059124	0.334462	-2.98988
cg10301769	STXBP6	0.0152231	0.239516	0.840578	-1.18966	0.00502442	0.592568	-1.68757	0.281384	1.171	1.171	0.443643	0.895724	-1.11642	0.805305	1.03543	1.03543
cg18729728	STXBP6	0.0405777	0.69453	1.13073	1.13073	0.131502	1.66002	1.66002	0.0100713	2.74815	2.74815	0.188726	1.54262	1.54262	0.016303	2.49497	2.49497
cg04251307	STYK1	0.000244815	0.000104246	0.326167	-3.06592	0.00317398	0.517804	-1.93123	0.319765	0.845432	-1.18283	0.267449	0.828063	-1.20764	0.000402548	0.39893	-2.50671
cg00616129	STYK1	0.000253046	0.00134988	0.402572	-2.48403	0.184094	1.31703	1.31703	0.00490151	0.482561	-2.07228	0.037407	0.623721	-1.60328	0.00011916	0.268379	-3.72608
cg16899088	STYK1	0.000594553	0.392893	0.810398	-1.23396	0.00346025	0.385423	-2.59455	0.00409057	0.396374	-2.52287	7.62E-05	0.178575	-5.59987	9.14E-05	0.18655	-5.36049
cg13175739	STYK1	0.00238187	0.0104105	0.401066	-2.49336	0.270458	1.38398	1.38398	0.0444116	0.520042	-1.92292	0.0830427	1.72207	1.72207	0.000114426	0.14702	-6.80181
cg21448788	STYK1	0.00705663	0.618159	0.917478	-1.08994	0.762909	1.05322	1.05322	0.556744	0.903147	-1.10724	0.0535237	1.45618	1.45618	0.189293	0.787948	-1.26912
cg05826245	STYK1	0.0163721	0.0163158	0.248902	-4.01765	0.121247	0.451277	-2.21593	0.0245418	0.281257	-3.55546	0.0710556	0.384813	-2.59866	0.00193103	0.125164	-7.98954
cg13175850	STYK1	0.024997	0.0900548	0.412825	-2.42234	0.0136538	0.235849	-4.24	0.0103761	0.216826	-4.612	0.38232	0.654241	-1.52849	0.00666292	0.188782	-5.2971
cg00104348	STYK1	0.0343869	0.922806	0.959494	-1.04222	0.0180898	0.293818	-3.40347	0.163543	0.530276	-1.88581	0.371861	0.676278	-1.47868	0.00431301	0.19632	-5.09372
cg04953079	STYK1	0.0451864	0.0220517	0.620405	-1.61185	0.0396967	0.661324	-1.51212	0.372741	0.852912	-1.17245	0.257346	0.814223	-1.22817	0.299096	0.82935	-1.20576
cg21208029	STYX;STYX	3.05E-05	0.281066	0.85097	-1.17513	0.0446467	0.717437	-1.39385	0.599371	1.07934	1.07934	0.025107	0.681298	-1.46779	0.16941	1.23473	1.23473
cg03803589	STYX;STYX	0.0181463	0.0324074	0.754707	-1.32502	0.661595	1.05073	1.05073	0.899465	1.0143	1.0143	0.143341	1.19328	1.19328	0.0208733	1.36671	1.36671
cg23409613	STYX;STYX	0.0183048	0.0140461	0.708018	-1.41239	0.47829	1.08555	1.08555	0.703231	0.957352	-1.04455	0.0181603	0.721352	-1.38629	0.462179	0.918303	-1.08897
cg01631277	STYX;STYX	0.019261	0.418726	0.74827	-1.33642	0.0540709	0.464235	-2.15408	0.0319797	0.413979	-2.41558	0.0808894	0.506964	-1.97253	0.00713373	0.295356	-3.38574
cg18907843	STYX;STYX	0.023199	0.0220432	0.689028	-1.45132	0.275509	1.16635	1.16635	0.323435	1.14836	1.14836	0.293381	0.862564	-1.15933	0.00199554	0.553253	-1.80749
cg02177621	STYX;STYX	0.045794	0.26362	0.514434	-1.94389	0.787619	1.16652	1.16652	0.160552	2.3514	2.3514	0.421444	1.59749	1.59749	0.00258288	0.0923288	-10.8309
cg09169493	STYX;STYX	0.0484401	0.00302053	0.461674	-2.16603	0.807763	1.04744	1.04744	0.356752	0.835094	-1.19747	0.26897	1.2447	1.2447	0.685398	1.08051	1.08051
cg17091770	STYX;STYX;STYX	0.0182873	0.790666	0.951048	-1.05147	0.0408685	0.64064	-1.56094	0.582888	0.900655	-1.1103	0.17869	1.30936	1.30936	0.415811	0.854786	-1.16988
cg05831673	STYX;STYX;STYX;STYX	0.0244978	?	?	?	?	?	?	0.0354389	0.538469	-1.85712	0.231154	1.34315	1.34315	?	?	?
cg03053427	STYXL1	0.00848583	0.940757	0.968092	-1.03296	0.000453185	11.1486	11.1486	0.409533	1.44482	1.44482	0.488157	0.735448	-1.35971	0.266338	1.65747	1.65747
cg09335715	STYXL1	0.017499	0.392254	0.837023	-1.19471	0.65103	1.09683	1.09683	0.00999074	0.516731	-1.93524	0.0156747	0.548135	-1.82437	0.00125424	0.38431	-2.60207
cg08560164	STYXL1	0.0492704	0.340858	0.783097	-1.27698	0.120121	0.657048	-1.52196	0.762365	0.927239	-1.07847	0.78633	1.07003	1.07003	0.0040236	0.381919	-2.61836
cg15076191	STYXL1;MDH2	0.000406999	0.034267	2.51207	2.51207	0.564181	0.804602	-1.24285	0.772558	1.11414	1.11414	0.0358853	2.4853	2.4853	0.13409	0.547424	-1.82674
cg20340141	STYXL1;MDH2	0.012447	0.00161377	0.686605	-1.45644	0.209911	0.895931	-1.11616	0.546593	0.950527	-1.05205	0.202802	0.894208	-1.11831	0.0595776	0.837927	-1.19342
cg21494445	STYXL1;MDH2;MDH2	0.002845	0.0367108	0.714686	-1.39921	0.743624	1.04647	1.04647	0.338491	1.14632	1.14632	0.0231918	0.686851	-1.45592	0.608294	0.930953	-1.07417
cg11237883	STYXL1;STYXL1;MDH2	0.00066545	0.492405	1.05055	1.05055	0.758636	0.978435	-1.02204	0.471881	1.05313	1.05313	0.796944	1.01841	1.01841	0.908046	0.99186	-1.00821
cg13289553	SUB1	0.000610481	0.0130077	0.59735	-1.67406	0.00120917	2.20876	2.20876	0.000827864	0.430929	-2.32057	0.0342571	0.661668	-1.51133	0.00195413	0.480837	-2.07971
cg12600337	SUB1	0.00168614	0.118346	1.3655	1.3655	0.0132056	0.568702	-1.75839	0.0158045	1.72159	1.72159	0.0768659	1.43545	1.43545	0.000402236	2.8122	2.8122
cg21818602	SUB1	0.00299871	0.0398181	1.51716	1.51716	0.0333599	1.54675	1.54675	0.00061557	0.396559	-2.52169	0.133068	0.752579	-1.32876	0.134097	0.753232	-1.32761
cg01170069	SUB1	0.0153332	0.848213	0.965561	-1.03567	0.000903871	0.403272	-2.47972	0.00350638	0.48468	-2.06322	0.336847	1.19854	1.19854	0.276318	0.812935	-1.23011
cg06517759	SUB1	0.0331037	0.0567175	0.53973	-1.85278	0.707613	1.11375	1.11375	0.508487	1.21142	1.21142	0.0526623	0.532666	-1.87735	0.957762	1.01526	1.01526
cg01732984	SUCLA2	4.54E-05	0.267502	0.907931	-1.10141	1.31E-05	0.4657	-2.1473	0.643217	0.961747	-1.03977	0.0381925	1.22248	1.22248	0.00319906	0.714254	-1.40006
cg25340973	SUCLA2	0.00142736	0.919937	0.971512	-1.02932	0.746993	0.911149	-1.09752	0.00972146	0.390555	-2.56046	0.0135684	2.40623	2.40623	0.570276	0.84797	-1.17929
cg18708106	SUCLA2	0.00460336	0.0550907	0.822095	-1.2164	0.329236	1.09494	1.09494	0.230676	0.892917	-1.11993	0.645629	1.04259	1.04259	0.0257951	1.26928	1.26928
cg18221580	SUCLA2	0.0125722	0.279844	0.676014	-1.47926	0.00479593	0.271294	-3.68604	0.706937	0.87666	-1.14069	0.998097	0.999169	-1.00083	0.0146567	0.350878	-2.84999
cg05272277	SUCLA2	0.0296426	0.959791	1.00963	1.00963	0.981081	1.00452	1.00452	0.665241	1.08624	1.08624	0.392	0.846496	-1.18134	0.453755	1.15606	1.15606
cg08280787	SUCLA2	0.0359979	0.917344	1.01959	1.01959	0.278813	1.23417	1.23417	0.224959	1.2689	1.2689	0.355922	1.19414	1.19414	0.427721	1.16334	1.16334
cg10613440	SUCLA2	0.0491941	0.421522	0.901211	-1.10962	0.376273	1.1219	1.1219	0.0400991	1.35053	1.35053	0.972502	1.00438	1.00438	0.0604665	1.30758	1.30758
cg03976667	SUCLG1	0.000208146	0.205948	1.62727	1.62727	0.0358584	2.47238	2.47238	0.034899	2.48852	2.48852	0.392128	0.727234	-1.37507	2.60E-05	0.0336527	-29.7153
cg06310690	SUCLG1	0.00868821	0.587794	0.93339	-1.07136	0.0181263	1.4354	1.4354	0.0324915	1.37063	1.37063	0.206206	1.18287	1.18287	0.00522497	0.628702	-1.59058
cg13668339	SUCLG2	0.000310959	0.000105842	0.224945	-4.44553	0.000126819	0.233693	-4.27912	0.0122367	0.506504	-1.97432	0.264624	0.776159	-1.2884	0.000156238	0.243989	-4.09855
cg07438401	SUCLG2	0.00242668	0.00185858	0.255062	-3.92061	0.358426	1.33931	1.33931	0.0276797	0.446948	-2.23739	0.0146058	0.394417	-2.53539	0.000396278	0.174651	-5.72572
cg11161853	SUCLG2	0.00926541	0.0263283	0.349576	-2.86061	0.453898	1.3459	1.3459	0.110401	1.98299	1.98299	0.946293	1.0265	1.0265	0.000429474	0.0966249	-10.3493
cg16834212	SUCLG2	0.0124002	0.0919749	0.807814	-1.23791	0.0272077	0.740279	-1.35084	0.0799192	0.799667	-1.25052	0.00182374	0.600673	-1.6648	0.104158	0.815136	-1.22679
cg18194850	SUCLG2	0.0223334	0.487144	0.813251	-1.22963	0.0786789	0.564498	-1.77149	0.474813	0.808313	-1.23714	0.034764	2.05559	2.05559	0.318961	0.739651	-1.35199
cg05988266	SUCLG2	0.0263693	0.119342	0.551816	-1.8122	0.758184	1.11474	1.11474	0.01835	0.365433	-2.73648	0.0738911	0.496218	-2.01524	0.0169504	0.359013	-2.78541
cg14574118	SUCLG2	0.0362257	0.84226	1.02971	1.02971	0.252534	0.83894	-1.19198	0.195718	0.817868	-1.22269	0.0718369	0.744307	-1.34353	0.785243	0.960661	-1.04095
cg20673400	SUCLG2	0.0424285	0.0597941	0.583381	-1.71415	0.127428	0.658208	-1.51928	0.232077	0.727603	-1.37438	0.527804	1.17622	1.17622	0.0431507	0.55415	-1.80457
cg07761386	SUCLG2	0.0431332	0.0342423	0.459664	-2.1755	0.0341729	0.459481	-2.17637	0.0130257	0.379336	-2.63618	0.16343	0.62626	-1.59678	0.0137593	0.383565	-2.60712
cg13634423	SUCNR1	1.18E-05	0.649133	0.92295	-1.08348	0.0234134	1.60646	1.60646	0.000321175	0.360949	-2.77048	9.15E-05	0.294243	-3.39855	7.95E-07	0.0985572	-10.1464
cg05702774	SUCNR1	0.00899258	0.00827716	0.377195	-2.65115	0.00258312	0.299354	-3.34053	0.00693672	0.364632	-2.74249	0.72239	0.902117	-1.1085	0.00333823	0.315527	-3.1693
cg21520002	SUDS3	0.000577816	0.000125035	0.336702	-2.96999	0.0188385	0.629152	-1.58944	0.0670908	0.715876	-1.39689	0.0109579	0.594546	-1.68196	0.684309	0.935592	-1.06884
cg17537009	SUDS3	0.00199115	0.000541206	0.652463	-1.53265	0.0307836	0.817607	-1.22308	0.0069014	0.757593	-1.31997	0.480127	1.05864	1.05864	0.01817	1.25569	1.25569
cg24407097	SUDS3	0.00410424	0.0270872	0.714075	-1.40041	0.0588982	1.31596	1.31596	0.602855	1.06989	1.06989	0.00155026	0.556692	-1.79633	0.0131341	1.4856	1.4856
cg07395500	SUDS3	0.0158134	0.281584	1.25764	1.25764	0.147722	0.727488	-1.37459	0.00108456	0.372318	-2.68588	0.0629731	0.651496	-1.53493	0.0260892	1.71742	1.71742
cg04562330	SUDS3	0.0169296	0.636002	1.04848	1.04848	0.232823	1.13226	1.13226	0.353749	0.909615	-1.09937	0.111077	0.841683	-1.1881	0.00158697	0.63754	-1.56853
cg02733093	SUDS3	0.0321165	0.00137977	0.568296	-1.75964	0.0702875	0.781547	-1.27951	0.193621	1.18242	1.18242	0.800804	0.969671	-1.03128	0.499303	0.91985	-1.08713
cg26731885	SUFU	0.00283223	0.302762	0.876263	-1.14121	0.610433	1.06564	1.06564	0.539681	0.926047	-1.07986	0.398312	1.11294	1.11294	0.000207757	0.463802	-2.15609
cg18661379	SUFU	0.00294899	0.00145311	0.305453	-3.27383	0.278722	0.747976	-1.33694	0.0061546	0.397948	-2.51289	0.058319	0.576016	-1.73606	0.000704617	0.264123	-3.78611
cg26332985	SUFU	0.02671	0.0733498	0.762701	-1.31113	0.491022	1.09955	1.09955	0.0116195	0.651831	-1.53414	0.191634	0.828994	-1.20628	0.658713	0.941477	-1.06216
cg25605038	SUFU	0.0332859	0.122681	0.830969	-1.20341	0.308937	0.889967	-1.12364	0.188814	0.857166	-1.16664	0.978183	1.00303	1.00303	0.00163997	0.607034	-1.64735
cg21381511	SUFU	0.0481768	0.359316	1.21175	1.21175	0.00318708	2.272	2.272	0.365491	1.20862	1.20862	0.370609	1.20605	1.20605	0.484869	1.15563	1.15563
cg17840164	SUFU;ACTR1A	0.00613374	0.0135602	0.731385	-1.36727	0.0692125	1.23142	1.23142	0.00223233	0.645016	-1.55035	0.222166	1.1404	1.1404	0.00450499	0.678627	-1.47356
cg18497543	SUFU;ACTR1A	0.00793639	0.961004	0.99466	-1.00537	0.687636	0.956703	-1.04526	0.879003	0.983456	-1.01682	0.000296972	0.524662	-1.90599	0.0826048	1.23433	1.23433
cg10817301	SUFU;ACTR1A;SUFU	0.0468013	0.252472	0.87674	-1.14059	0.00291886	1.56836	1.56836	0.115801	1.20697	1.20697	0.109525	0.8253	-1.21168	0.78124	0.969829	-1.03111
cg02027087	SUGT1;SUGT1	1.95E-05	0.0597696	0.84264	-1.18675	0.0173971	1.26289	1.26289	0.363117	1.07825	1.07825	0.916246	1.00851	1.00851	0.12462	0.874583	-1.1434
cg26168557	SUGT1;SUGT1	0.0039249	0.22996	1.12041	1.12041	0.372331	0.920649	-1.08619	0.00339684	0.698049	-1.43256	0.864974	0.984755	-1.01548	0.374215	1.08582	1.08582
cg03996465	SUGT1;SUGT1	0.0456324	0.033377	0.53819	-1.85808	0.779102	0.932328	-1.07258	0.322402	0.775138	-1.29009	0.0412198	0.556088	-1.79828	0.877671	1.03913	1.03913
cg14192858	SUGT1;SUGT1;SUGT1;SUGT1	7.25E-05	0.217029	1.06312	1.06312	2.01E-06	1.73791	1.73791	0.460234	1.03607	1.03607	0.00645626	1.18165	1.18165	0.69522	1.01873	1.01873
cg07935255	SUGT1L1	0.000153919	0.035841	0.736103	-1.35851	0.000171407	2.2283	2.2283	7.95E-05	2.446	2.446	0.000471353	1.99235	1.99235	0.889728	0.982745	-1.01756
cg08207253	SUGT1L1	0.00149654	0.0123018	2.01345	2.01345	0.000894457	3.05408	3.05408	0.0224413	1.84761	1.84761	0.0458484	1.67165	1.67165	0.112271	0.678316	-1.47424
cg14759977	SUGT1L1	0.00206991	0.0129611	4.55216	4.55216	0.00262722	7.74199	7.74199	0.0160947	4.25212	4.25212	0.714438	1.19794	1.19794	0.0014884	0.105225	-9.50348
cg08081379	SUGT1L1	0.00285084	0.0279604	3.1333	3.1333	0.00227551	6.53514	6.53514	0.0337333	2.97597	2.97597	0.486669	1.36458	1.36458	0.00228587	0.153241	-6.52567
cg06178054	SUGT1L1	0.00617977	0.514558	0.958941	-1.04282	0.078115	1.13221	1.13221	0.00153655	1.33526	1.33526	0.104747	1.11904	1.11904	0.654668	1.02897	1.02897
cg09117688	SUGT1L1	0.0330082	0.0443238	3.20926	3.20926	0.0148094	4.54308	4.54308	0.0293283	3.65392	3.65392	0.32259	1.67496	1.67496	0.063381	0.348579	-2.86879
cg25109789	SUGT1L1	0.0361875	0.448332	1.48237	1.48237	0.699333	0.820608	-1.21861	0.884179	1.07708	1.07708	0.690132	1.22648	1.22648	0.846991	0.906274	-1.10342
cg22658229	SUGT1L1	0.0470356	0.0119717	0.332664	-3.00604	0.0257773	2.53317	2.53317	0.153359	0.58467	-1.71037	0.654767	0.853851	-1.17116	0.0222955	0.382332	-2.61553
cg05361272	SUGT1L1;MIR621;SLC25A15	0.0190569	0.036991	0.21022	-4.75692	0.0204357	0.165501	-6.04225	0.0605684	0.256052	-3.90545	0.318503	0.51488	-1.9422	0.0115615	0.130919	-7.63829
cg02718464	SUGT1L1;SLC25A15;MIR621	0.00395118	0.437276	0.879533	-1.13697	0.000418399	0.404047	-2.47496	0.348604	0.855289	-1.1692	0.980795	0.996108	-1.00391	0.277951	1.20053	1.20053
cg08353915	SUGT1P1	8.45E-06	0.000481569	0.346785	-2.88363	1.21E-05	0.167307	-5.97704	0.00985814	0.532178	-1.87907	0.766756	1.05922	1.05922	2.20E-06	0.106206	-9.41568
cg13468804	SUGT1P1	0.000508572	1.17E-05	0.167657	-5.96457	0.0167414	1.7534	1.7534	0.0398351	1.57926	1.57926	0.0807015	1.45136	1.45136	0.133846	0.732772	-1.36468
cg14132058	SUGT1P1	0.0114568	0.166958	0.616842	-1.62116	0.141512	1.67934	1.67934	0.0912251	1.84038	1.84038	0.0646643	1.97485	1.97485	0.0752315	0.522277	-1.91469
cg26624914	SUGT1P1;AQP3	0.0207637	0.0833081	0.484103	-2.06568	0.30212	0.667295	-1.49859	0.00465148	0.240665	-4.15515	0.0441787	0.416926	-2.39851	0.0341331	0.392374	-2.54859
cg14203838	SUGT1P1;AQP7	0.00222938	7.45E-05	0.139234	-7.18217	0.275872	1.36426	1.36426	0.150762	0.655739	-1.525	0.550724	1.1799	1.1799	0.00308373	0.329576	-3.0342
cg13399638	SUGT1P1;AQP7	0.0401426	0.748925	0.847935	-1.17934	0.0962383	2.5897	2.5897	0.178859	0.477069	-2.09613	0.639539	0.784703	-1.27437	0.0138558	0.198827	-5.02951
cg09066427	SUGT1P1;BAG1	0.0314077	0.156648	0.642603	-1.55617	0.858957	0.949405	-1.05329	0.580963	1.17672	1.17672	0.04906	0.519009	-1.92675	0.485153	0.812984	-1.23004
cg23689916	SUGT1P1;BAG1;CHMP5	0.00572054	0.0664441	1.46689	1.46689	0.0090349	1.85473	1.85473	0.000898872	2.52208	2.52208	0.0915881	1.41311	1.41311	0.00258783	2.17543	2.17543
cg16720880	SUGT1P1;BAG1;CHMP5	0.00972006	0.290915	0.823933	-1.21369	0.000233173	0.340022	-2.94099	0.756627	0.946548	-1.05647	0.399838	0.858734	-1.16451	0.775747	0.950784	-1.05176
cg14213824	SUGT1P1;BAG1;CHMP5	0.0347893	0.706837	1.04565	1.04565	0.725587	1.04251	1.04251	0.366216	1.11591	1.11591	0.771152	1.03506	1.03506	0.813222	1.02836	1.02836
cg14641829	SUGT1P1;CHMP5	0.000637123	0.521806	0.862023	-1.16006	0.000216672	0.243852	-4.10084	0.0348807	0.569902	-1.75469	0.475669	1.18042	1.18042	0.000792956	0.313737	-3.18738
cg20999934	SUGT1P1;NFX1;NFX1;NFX1;NFX1;NFX1; NFX1	0.024599	0.0404379	0.714485	-1.39961	0.0254831	1.45805	1.45805	0.260129	1.18157	1.18157	0.37719	1.13736	1.13736	0.0241013	1.46531	1.46531
cg14292424	SUGT1P1;NOL6;NOL6	0.0024661	0.00129868	0.215651	-4.63712	0.121089	0.5767	-1.734	0.00431128	0.286598	-3.48921	0.0164677	0.383026	-2.61079	0.00325614	0.268806	-3.72015
cg04103317	SUGT1P1;SPINK4	0.00364535	0.00349278	0.222562	-4.49312	0.00502007	0.244771	-4.08545	0.00303899	0.214437	-4.66337	0.0116744	0.302719	-3.3034	0.00172167	0.183418	-5.45204
cg13823840	SUGT1P1;SPINK4	0.0407611	0.0422542	0.315363	-3.17095	0.270822	0.568068	-1.76035	0.0241325	0.26543	-3.76748	0.992778	0.995545	-1.00447	0.00663462	0.175879	-5.68574
cg15351186	SULF1;SULF1	0.00204456	0.00505433	0.240429	-4.15924	0.000692684	0.136617	-7.31971	0.00601581	0.251595	-3.97465	0.639429	1.19892	1.19892	0.000761897	0.140695	-7.10757
cg12181083	SULF1;SULF1	0.00491622	0.00375251	0.236634	-4.22593	0.000881205	0.159388	-6.27398	0.00599407	0.266334	-3.75468	0.159821	0.575069	-1.73892	0.00247755	0.212336	-4.70953
cg02283643	SULF1;SULF1	0.00538361	0.0302732	0.428115	-2.33582	0.00922008	0.332575	-3.00684	0.000432159	0.156586	-6.38625	0.202819	0.639034	-1.56486	0.0020926	0.236475	-4.22878
cg04845579	SULF1;SULF1	0.0055251	0.000727936	0.252544	-3.95971	0.386821	0.7885	-1.26823	0.00485077	0.367665	-2.71986	0.532691	0.844277	-1.18445	0.0038736	0.352698	-2.83529
cg07073960	SULF1;SULF1	0.00693653	0.00074998	0.106894	-9.35506	0.28793	0.617288	-1.61999	0.00195214	0.147309	-6.78847	0.308502	0.630731	-1.58546	0.00233613	0.155989	-6.41071
cg03140889	SULF1;SULF1;SULF1;SULF1	0.00122806	0.00205297	0.366817	-2.72616	0.279107	0.771172	-1.29673	0.0497672	0.596443	-1.67661	0.08768	0.64708	-1.5454	0.000269084	0.251549	-3.97537
cg12484808	SULF1;SULF1;SULF1;SULF1	0.00143599	0.449033	0.835024	-1.19757	0.541156	1.15554	1.15554	0.000755388	0.303094	-3.29931	0.25612	0.758027	-1.31921	0.000310618	0.254794	-3.92474
cg17524017	SULF1;SULF1;SULF1;SULF1	0.00556101	0.21428	1.32097	1.32097	0.0242665	1.7714	1.7714	0.00798748	2.06236	2.06236	0.0827681	1.50536	1.50536	0.0189678	0.546164	-1.83095
cg10260044	SULF1;SULF1;SULF1;SULF1	0.0110273	0.00868858	0.205486	-4.8665	0.0173657	0.253942	-3.9379	0.1622	0.493568	-2.02606	0.0552503	2.79598	2.79598	0.095475	0.420382	-2.37879
cg04237288	SULF1;SULF1;SULF1;SULF1	0.0125511	0.138639	1.5072	1.5072	0.0212848	0.490492	-2.03877	0.0570606	0.574605	-1.74033	0.190837	1.42826	1.42826	0.0502867	0.563115	-1.77584
cg13880467	SULF1;SULF1;SULF1;SULF1	0.0173927	0.0340508	0.66785	-1.49734	0.508673	0.896362	-1.11562	0.690114	0.936694	-1.06758	0.208277	0.805342	-1.24171	0.00107719	0.454782	-2.19885
cg05754641	SULF1;SULF1;SULF1;SULF1	0.0256753	0.00912502	0.181952	-5.49596	0.018213	0.228822	-4.3702	0.340113	0.603022	-1.65832	0.625384	1.28808	1.28808	0.00856828	0.178117	-5.61429
cg00541476	SULF1;SULF1;SULF1;SULF1	0.026681	0.0056043	0.451804	-2.21335	0.051746	0.616565	-1.62189	0.00274262	0.40534	-2.46706	0.577733	0.884395	-1.13072	0.217148	0.753027	-1.32797
cg03613662	SULF1;SULF1;SULF1;SULF1	0.0380984	0.0116686	0.285204	-3.50627	0.00534632	0.23214	-4.30774	0.0244283	0.343935	-2.90753	0.337342	0.674545	-1.48248	0.047553	0.405739	-2.46464
cg13291208	SULF1;SULF1;SULF1;SULF1	0.0381431	0.0609181	0.346328	-2.88744	0.838068	1.10818	1.10818	0.0738222	0.367768	-2.71911	0.0111479	0.2025	-4.93826	0.0999092	0.40453	-2.47201
cg15422439	SULF1;SULF1;SULF1;SULF1	0.0483437	0.0094245	0.483264	-2.06926	0.0347268	0.580463	-1.72276	0.0522706	0.613985	-1.6287	0.628705	0.897926	-1.11368	0.0462464	0.603756	-1.6563
cg20169702	SULF1;SULF1;SULF1;SULF1;SULF1;SULF1	0.00985341	0.044939	0.598242	-1.67156	0.24591	1.31117	1.31117	0.699022	1.09061	1.09061	0.500281	0.85835	-1.16503	0.44653	0.840957	-1.18912
cg12238291	SULF2;SULF2;SULF2	0.00206418	0.00331911	0.34517	-2.89712	0.658311	1.12569	1.12569	0.340334	1.29876	1.29876	0.268115	1.35916	1.35916	0.000581278	0.242857	-4.11764
cg13282840	SULF2;SULF2;SULF2	0.00229128	0.000863142	0.762038	-1.31227	0.10587	1.10072	1.10072	0.286532	0.94164	-1.06198	0.00236769	0.794262	-1.25903	0.456156	0.959603	-1.0421
cg19047335	SULF2;SULF2;SULF2	0.00772385	0.00937646	0.424509	-2.35566	0.406418	1.2472	1.2472	0.742596	0.917854	-1.0895	0.694745	0.902507	-1.10802	0.00115548	0.288874	-3.46172
ch.20.1019750	SULF2;SULF2;SULF2	0.0228691	0.00628594	0.181016	-5.52437	0.0288568	0.29014	-3.44661	0.00790685	0.194817	-5.13302	0.021432	0.265269	-3.76976	0.00515737	0.169746	-5.89115
cg19272617	SULF2;SULF2;SULF2	0.0361737	0.957661	1.02396	1.02396	0.0502532	2.97102	2.97102	0.331483	1.57794	1.57794	0.151925	0.4883	-2.04792	?	?	?
cg19754861	SULF2;SULF2;SULF2;SULF2;SULF2	0.00515283	0.110299	1.25697	1.25697	0.103839	0.791578	-1.2633	0.277005	1.16018	1.16018	0.396452	1.12088	1.12088	0.00284035	1.71594	1.71594
cg15435830	SULF2;SULF2;SULF2;SULF2;SULF2	0.0286449	0.0848653	1.83926	1.83926	0.906313	0.96305	-1.03837	0.957593	0.983139	-1.01715	0.026796	2.31388	2.31388	0.00107794	4.68281	4.68281
cg00765635	SULT1A1	0.00251744	0.397955	0.920681	-1.08615	0.344353	0.911188	-1.09747	0.0263119	1.28607	1.28607	0.558387	1.05814	1.05814	0.309756	1.10558	1.10558
cg07225829	SULT1A1	0.00267542	0.000148515	0.266221	-3.75628	0.00928038	1.95431	1.95431	0.80489	1.05152	1.05152	0.263323	0.789233	-1.26705	0.0103929	0.519436	-1.92517
cg01009486	SULT1A1	0.00949762	0.679429	1.13729	1.13729	0.351617	1.3455	1.3455	0.0713306	1.86552	1.86552	0.0769665	1.83831	1.83831	0.00102681	0.221726	-4.51006
cg08961793	SULT1A1	0.0165681	0.159664	0.781673	-1.27931	0.00884152	1.72693	1.72693	0.620213	0.921375	-1.08533	0.022508	0.638912	-1.56516	0.00471197	0.540327	-1.85073
cg08008286	SULT1A1;SULT1A1;SULT1A1;SULT1A1;S ULT1A1	4.36E-05	1.67E-05	0.18254	-5.47826	5.64E-05	0.237361	-4.21299	0.00057984	0.359557	-2.7812	0.500933	1.1403	1.1403	6.66E-05	0.245374	-4.07541
cg00266579	SULT1A1;SULT1A1;SULT1A1;SULT1A1;S ULT1A1	0.0102161	0.62569	0.936289	-1.06805	0.0674765	0.76007	-1.31567	0.0247132	0.699011	-1.43059	0.437627	1.11185	1.11185	0.00135204	0.536198	-1.86498
cg12743398	SULT1A2	0.00612781	0.181375	0.79089	-1.2644	0.00128051	2.17358	2.17358	0.00560836	0.548116	-1.82443	0.560694	1.10216	1.10216	0.00619415	0.554226	-1.80432
cg04609801	SULT1A2;SULT1A2	5.05E-05	0.705647	0.940849	-1.06287	0.0113455	1.66423	1.66423	0.386789	0.867145	-1.15321	0.038467	0.680243	-1.47006	7.81E-07	0.11858	-8.43313
cg04643524	SULT1A2;SULT1A2	0.00223937	0.774148	0.940894	-1.06282	0.891857	0.971606	-1.02922	0.0111348	0.509742	-1.96178	0.251155	1.28903	1.28903	4.85E-05	0.198308	-5.04267
cg04270652	SULT1A2;SULT1A2	0.00400937	0.00148215	0.196735	-5.08298	0.142412	1.74924	1.74924	0.00960058	0.312629	-3.19868	0.226581	1.56869	1.56869	0.000696024	0.15967	-6.26291
cg06291594	SULT1A4;SULT1A3;SULT1A4;SULT1A3	0.019108	0.011933	0.160856	-6.21673	0.380383	1.68887	1.68887	0.327415	0.554988	-1.80184	0.00981553	0.149387	-6.69404	0.00524186	0.1171	-8.53969
cg25570328	SULT1C2;SULT1C2	0.00040946	0.167379	0.806361	-1.24014	0.0678688	0.741506	-1.34861	0.0777927	0.750795	-1.33192	0.0625443	0.736012	-1.35867	3.52E-05	0.310842	-3.21706
cg03681335	SULT1C2;SULT1C2	0.000611424	0.720874	1.09549	1.09549	0.00429649	2.63996	2.63996	0.951382	0.984619	-1.01562	0.550303	0.857589	-1.16606	8.65E-05	0.16681	-5.99486
cg17287107	SULT1C2;SULT1C2	0.00641715	0.141333	0.558393	-1.79085	0.00544342	0.259993	-3.84626	0.00779875	0.284139	-3.51941	0.0210092	0.359611	-2.78079	0.00451787	0.248082	-4.03093
cg13968390	SULT1C2;SULT1C2	0.0229999	0.010522	0.131272	-7.61777	0.00413786	0.0884627	-11.3042	0.0460506	0.236438	-4.22944	0.0724727	0.282457	-3.54037	0.00990762	0.128062	-7.8087
cg14612684	SULT1C3	5.81E-06	1.75E-06	0.203166	-4.92207	0.000130627	0.412252	-2.4257	0.142445	0.8103	-1.23411	1.85E-06	0.205661	-4.86237	0.000231856	0.442583	-2.25946
cg16463700	SULT1C4	0.0100675	0.083161	0.659113	-1.51719	0.361606	0.815631	-1.22604	0.375665	1.21845	1.21845	0.00242711	2.50278	2.50278	0.00569125	0.454702	-2.19924
cg20150189	SULT1C4	0.0115069	0.955643	0.996033	-1.00398	0.134544	0.891087	-1.12222	0.0541682	0.855401	-1.16904	0.286262	1.08236	1.08236	0.00405466	0.758978	-1.31756

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01863964	0.00461986	0.317812	-3.14652	0.0149287	2.48538	2.48538	0.119012	0.597722	-1.67302	0.476168	1.24652	1.24652	5.40214	7.91515	1.30239	1
cg10301769	0.269709	1.17593	1.17593	0.0025708	1.80291	1.80291	0.305215	1.16149	1.16149	0.118971	1.26947	1.26947	5.15545	1.62329	0.279882	1
cg18729728	0.0185495	2.43206	2.43206	0.0116269	2.66941	2.66941	0.823817	1.07188	1.07188	0.117924	1.69642	1.69642	3.66372	5.62278	1.36419	1
cg04251307	0.0176167	0.624001	-1.60256	0.196987	0.80031	-1.24952	0.00031255	2.59758	2.59758	0.00392216	0.530493	-1.88504	17.389	7.34522	0.375472	1
cg00616129	0.00451638	0.477299	-2.09512	0.926095	1.0183	1.0183	0.00030085	3.15473	3.15473	0.0123495	0.543987	-1.83828	17.233	10.4253	0.537744	1
cg16899088	0.334714	0.787442	-1.26993	0.00773281	0.439641	-2.27458	0.519799	0.854941	-1.16967	0.0039432	0.393958	-2.53834	13.6185	12.444	0.812228	1
cg13175739	0.127992	0.627489	-1.59365	0.0127811	0.416453	-2.40123	0.365931	1.30093	1.30093	0.360785	0.766382	-1.30483	9.16149	11.6384	1.12921	1
cg21448788	0.00326443	0.502926	-1.98837	0.00391441	1.94553	1.94553	0.0103938	1.73858	1.73858	0.256643	0.816341	-1.22498	6.59852	3.06977	0.41353	1
cg05826245	0.0146572	0.24096	-4.15006	0.417433	0.675403	-1.4806	0.293763	0.597052	-1.6749	0.00606509	0.183201	-5.45847	5.03232	17.8754	3.15743	1
cg13175850	0.842754	0.910233	-1.09862	0.589436	1.29434	1.29434	0.0161459	0.24814	-4.02998	0.0674639	0.378992	-2.63858	4.35741	15.4759	3.15701	1
cg00104348	0.331003	0.65187	-1.53405	0.997915	1.00112	1.00112	0.115819	0.482284	-2.07347	0.00560412	0.211898	-4.71925	3.89192	11.2187	2.56228	1
cg04953079	0.0660606	0.698727	-1.43117	0.846218	1.03434	1.03434	0.159753	1.29847	1.29847	0.0375677	1.52115	1.52115	3.52007	1.68523	0.425554	1
cg21208029	4.49E-07	0.128345	-7.79149	0.000143631	0.389181	-2.5695	0.565881	1.08719	1.08719	0.010549	0.629124	-1.58951	30.3214	9.96364	0.292089	1
cg03803589	0.0310862	1.32889	1.32889	0.00584916	1.49993	1.49993	0.449536	0.917059	-1.09044	0.0337999	1.32112	1.32112	4.86187	0.972154	0.177738	1
cg23409613	0.0441853	0.768553	-1.30115	0.00141937	0.591087	-1.6918	0.692067	0.955684	-1.04637	0.445948	1.0925	1.0925	4.84765	0.99549	0.182538	1
cg01631277	0.0238881	0.388292	-2.57538	0.439375	0.758218	-1.31888	0.0334741	2.39157	2.39157	0.0338155	0.419064	-2.38627	4.76502	9.29564	1.73405	1
cg18907843	0.0396389	0.724168	-1.3809	0.537786	1.08831	1.08831	0.140816	0.806643	-1.23971	0.83458	1.02877	1.02877	4.47156	1.303	0.25902	1
cg02177621	?	?	?	0.477148	0.662132	-1.51027	0.115739	0.37711	-2.65174	0.695082	1.25194	1.25194	3.55551	16.285	4.5802	1
cg09169493	0.362454	1.19479	1.19479	0.0293193	0.613802	-1.62919	0.508132	1.13615	1.13615	0.808734	1.04719	1.04719	3.42911	1.96321	0.508901	1
cg17091770	0.999079	1.00022	1.00022	0.000879998	2.56186	2.56186	0.0893488	1.4239	1.4239	0.470108	0.870551	-1.1487	4.84921	2.73346	0.501059	1
cg05831673	?	?	?	?	?	?	0.00809104	0.398458	-2.50968	0.13654	0.681329	-1.46772	7.46168	2.49587	0.418114	1
cg03053427	0.304049	0.628504	-1.59108	0.795761	0.893	-1.11982	0.00257349	6.19307	6.19307	0.629196	0.808742	-1.23649	6.2273	18.7734	2.67973	1
cg09335715	0.586682	0.894562	-1.11786	0.0599949	0.650063	-1.53831	0.824862	1.04601	1.04601	0.0766385	0.670504	-1.49142	4.92157	3.21133	0.580001	1
cg08560164	0.0669342	0.599539	-1.66795	0.0335821	0.538817	-1.85592	0.516012	1.17827	1.17827	0.0465133	0.566695	-1.76462	3.4071	3.34832	0.873554	1
cg15076191	1.14E-05	0.0310301	-32.2268	0.00244905	0.207639	-4.81606	0.637526	1.19362	1.19362	0.578806	1.2326	1.2326	15.1277	33.3225	1.958	1
cg20340141	0.311201	0.916553	-1.09104	0.000970628	0.664782	-1.50425	0.221664	0.898679	-1.11274	0.372191	1.07917	1.07917	5.50765	0.603305	0.0973685	1
cg21494445	0.055812	0.740896	-1.34972	0.000165839	2.43052	2.43052	0.939892	1.01049	1.01049	0.0353617	1.40373	1.40373	8.69384	2.63765	0.269682	1
cg11237883	0.552937	0.958429	-1.04337	0.834387	1.01492	1.01492	0.45534	1.05526	1.05526	5.37E-06	2.07258	2.07258	13.1967	1.04576	0.0704396	1
cg13289553	0.00607967	0.549406	-1.82015	0.000996354	0.441557	-2.26471	0.0128199	0.596415	-1.67668	0.886855	1.02409	1.02409	13.5184	5.98533	0.393559	1
cg12600337	0.0135369	1.75325	1.75325	0.000818016	2.52633	2.52633	0.0103286	1.81056	1.81056	0.292262	1.22233	1.22233	10.1317	5.41655	0.47521	1
cg21818602	0.00577588	0.53027	-1.88583	0.00503092	0.52162	-1.9171	0.847407	0.966774	-1.03437	0.835652	1.03711	1.03711	8.55924	4.17063	0.433125	1
cg01170069	0.851909	1.03477	1.03477	0.85436	0.966952	-1.03418	0.186863	0.774225	-1.29161	0.111908	0.728611	-1.37248	5.14316	2.72477	0.470919	1
cg06517759	0.471682	1.23286	1.23286	0.00328018	0.318007	-3.14458	0.0667769	1.79976	1.79976	0.423792	0.791692	-1.26312	3.9456	5.10889	1.15096	1
cg01732984	4.14E-06	0.409891	-2.43967	0.0047362	0.730735	-1.36849	0.00218567	0.698136	-1.43239	0.130202	1.14645	1.14645	27.3089	3.02402	0.0984303	1
cg25340973	0.00326333	0.31573	-3.16727	8.81E-05	0.132684	-7.53668	0.682846	1.12535	1.12535	0.0330952	0.488591	-2.0467	10.6303	13.9124	1.16334	1
cg18708106	0.00110058	0.648285	-1.54253	0.00142483	0.659905	-1.51537	0.577221	1.05203	1.05203	0.364291	1.0876	1.0876	7.52565	0.967038	0.114221	1
cg18221580	0.0251716	0.395356	-2.52937	0.00127663	0.194498	-5.14144	0.0181562	0.367966	-2.71764	0.229065	0.644097	-1.55256	5.48974	10.561	1.71002	1
cg05272277	0.584797	0.90046	-1.11054	0.00179743	0.430024	-2.32545	0.0125512	0.554338	-1.80395	0.166629	1.32344	1.32344	4.10425	2.34728	0.508368	1
cg08280787	0.000604317	2.68618	2.68618	0.343743	0.8334	-1.1999	0.954871	0.989481	-1.01063	0.715428	1.07081	1.07081	3.82792	2.11666	0.491514	1
cg10613440	0.798183	1.03299	1.03299	0.135857	0.815789	-1.22581	0.860947	0.978034	-1.02246	0.00456225	1.61367	1.61367	3.4091	0.86644	0.225915	1
cg03976667	0.0103446	3.36519	3.36519	8.22E-05	0.0584509	-17.1084	0.839986	1.07593	1.07593	0.460883	1.3132	1.3132	23.2431	47.2118	1.57983	1
cg06310690	0.0746202	0.778686	-1.28421	0.0652895	0.770563	-1.29775	0.415112	1.11062	1.11062	0.0158965	0.68938	-1.45058	6.18106	1.55306	0.223344	1
cg13668339	0.134077	0.703186	-1.4221	0.000259115	0.26984	-3.7059	0.70601	0.920725	-1.0861	0.00847878	0.480757	-2.08005	16.2893	12.2544	0.668707	1
cg07438401	0.854444	0.944771	-1.05846	0.0256475	0.440395	-2.27069	0.821812	0.932594	-1.07228	0.00122999	0.23173	-4.31536	9.11147	13.8112	1.34738	1
cg11161853	0.711543	0.865613	-1.15525	0.117956	1.94968	1.94968	0.251779	1.59681	1.59681	0.670918	1.18069	1.18069	6.89961	16.128	1.81808	1
cg16834212	0.450286	1.09254	1.09254	0.0699984	1.26248	1.26248	0.155889	0.839732	-1.19086	0.012207	0.69819	-1.43227	5.5144	1.15605	0.186348	1
cg18194850	0.0708696	0.553814	-1.80566	0.495674	0.816638	-1.22453	0.00240345	3.44925	3.44925	0.771635	1.08895	1.08895	4.53048	6.15164	1.20696	1
cg05988266	0.127721	0.560295	-1.78477	0.00182676	0.210572	-4.74898	0.857913	0.938909	-1.06507	0.123695	0.556272	-1.79768	4.27694	8.38121	1.74189	1
cg14574118	0.888647	0.979625	-1.0208	0.00154126	1.95301	1.95301	0.449706	1.11984	1.11984	0.625757	0.930325	-1.07489	3.81915	1.30593	0.30395	1
cg20673400	0.869384	1.04264	1.04264	0.119406	1.53538	1.53538	0.114205	1.54646	1.54646	0.014514	0.465769	-2.14699	3.60373	3.6745	0.906346	1
cg07761386	0.0430539	0.480725	-2.08019	0.0871738	0.551971	-1.81169	0.0407847	0.475664	-2.10232	0.0552505	0.504732	-1.98125	3.58173	5.6158	1.39369	1
cg13634423	2.78E-05	0.235825	-4.24043	0.000181067	0.329904	-3.03118	0.149328	0.762884	-1.31081	0.000221643	0.340747	-2.93473	38.8978	18.8768	0.431371	1
cg05702774	0.660057	1.13634	1.13634	0.890882	0.961137	-1.04043	0.370292	1.30432	1.30432	0.242252	0.702281	-1.42393	6.11397	8.07482	1.17397	1
cg21520002	0.0362266	0.672592	-1.48679	0.000790932	0.437843	-2.28392	7.00E-05	0.306589	-3.2617	0.00256466	0.506071	-1.97601	13.7273	5.76673	0.373416	1
cg17537009	0.0318093	0.818935	-1.2211	0.732966	0.97318	-1.02756	0.436121	1.0651	1.0651	0.00678584	1.32115	1.32115	9.65437	0.963578	0.0887177	1
cg24407097	0.0025301	1.7151	1.7151	0.695404	0.950619	-1.05195	0.914213	1.01397	1.01397	0.679819	1.05486	1.05486	7.79179	2.04411	0.233192	1
cg07395500	0.479943	1.15847	1.15847	0.478724	0.862845	-1.15896	0.331518	0.814458	-1.22781	0.788323	1.05667	1.05667	5.0908	3.38326	0.59074	1
cg04562330	0.0920016	0.831798	-1.20222	0.0166334	1.33689	1.33689	0.462265	0.928393	-1.07713	0.615737	1.05153	1.05153	4.97639	0.776978	0.138785	1
cg02733093	0.376835	1.11681	1.11681	0.269326	0.86924	-1.15043	0.849281	1.02345	1.02345	0.236342	1.16318	1.16318	3.98868	0.937478	0.208919	1
cg26731885	0.231714	1.1679	1.1679	0.00435891	1.60205	1.60205	0.0228472	1.40072	1.40072	0.17683	1.1944	1.1944	8.70543	2.11097	0.215546	1
cg18661379	0.498105	1.19402	1.19402	0.0294587	0.516275	-1.93695	0.572111	1.15857	1.15857	0.0019293	0.322532	-3.10046	8.60182	9.05628	0.935851	1
cg26332985	0.0535328	0.742692	-1.34645	0.168013	1.22059	1.22059	0.020838	1.45842	1.45842	0.104071	0.785763	-1.27265	4.25776	1.24116	0.259115	1
cg25605038	0.589781	0.941523	-1.06211	0.0665032	1.25584	1.25584	0.43747	1.09164	1.09164	0.192933	0.85853	-1.16478	3.93783	0.764311	0.172529	1
cg21381511	0.05981	1.54155	1.54155	0.0703958	0.662247	-1.51001	0.368067	0.828279	-1.20732	0.600855	1.11357	1.11357	3.43619	2.25994	0.584612	1
cg17840164	0.0410206	1.2731	1.2731	0.213735	0.874538	-1.14346	0.365559	0.909195	-1.09987	0.645057	0.953614	-1.04864	6.89207	1.14452	0.147612	1
cg18497543	0.0159061	0.723716	-1.38176	0.186615	0.85786	-1.16569	0.967741	1.00444	1.00444	0.165533	1.17582	1.17582	6.3601	1.208	0.16883	1
cg10817301	0.767873	0.967953	-1.03311	0.966239	1.00467	1.00467	0.823183	0.975672	-1.02493	0.116777	1.20626	1.20626	3.47395	0.6663	0.170488	1
cg02027087	0.849393	1.01544	1.01544	0.0084322	1.31147	1.31147	0.266061	1.09791	1.09791	2.49E-07	0.289542	-3.45373	34.1116	3.50985	0.0914605	1
cg26168557	0.807836	1.02224	1.02224	0.000413111	1.65856	1.65856	0.0245722	0.785286	-1.27342	0.141893	1.15321	1.15321	7.89746	1.01914	0.114708	1
cg03996465	0.439202	0.821522	-1.21725	0.00208343	0.339738	-2.94344	0.755326	1.08101	1.08101	0.631308	1.12804	1.12804	3.50714	3.44901	0.874158	1
cg14192858	0.0137898	1.15426	1.15426	0.00045374	0.77073	-1.29747	0.217246	1.06309	1.06309	0.0077944	1.17467	1.17467	24.1202	0.848436	0.031267	1
cg07935255	0.564719	0.929563	-1.07577	0.00683098	0.644275	-1.55213	0.000609452	1.93992	1.93992	0.231115	1.1707	1.1707	19.7193	4.91656	0.221624	1
cg08207253	0.0211928	1.86262	1.86262	0.000373935	3.58695	3.58695	0.0193823	1.88636	1.88636	0.00101801	2.98541	2.98541	10.4866	8.36917	0.70941	1
cg14759977	0.107799	2.36887	2.36887	0.00142564	9.65632	9.65632	0.600933	1.29611	1.29611	0.0958328	2.45699	2.45699	9.54579	36.5135	3.40008	1
cg08081379	0.218484	1.76696	1.76696	0.00182659	7.01426	7.01426	0.0384503	2.87125	2.87125	0.127514	2.06423	2.06423	8.68856	26.6175	2.72312	1
cg06178054	0.508365	0.95833	-1.04348	0.00988792	0.813207	-1.2297	0.0399512	0.860173	-1.16256	0.0171521	1.20233	1.20233	6.87615	0.438231	0.0566507	1
cg09117688	0.22699	1.89704	1.89704	0.0114601	4.93796	4.93796	0.425748	1.50769	1.50769	0.536018	1.37211	1.37211	3.9497	15.9406	3.58747	1
cg25109789	0.0037996	0.136859	-7.30678	0.00342498	0.131891	-7.58201	0.947078	0.966748	-1.0344	0.927771	0.954861	-1.04727	3.82062	15.7041	3.65364	1
cg22658229	0.722686	0.882421	-1.13325	0.27022	0.6683	-1.49633	0.433724	0.755462	-1.32369	0.208772	0.628037	-1.59226	3.46743	6.76771	1.73493	1
cg05361272	0.0425788	0.222394	-4.49652	0.00123471	0.0477762	-20.9309	0.239161	0.452177	-2.21153	0.0528663	0.242493	-4.12383	4.78222	31.3983	5.83611	1
cg02718464	0.333538	1.17536	1.17536	0.000951739	2.22062	2.22062	0.688939	0.936896	-1.06735	0.464519	0.886397	-1.12816	7.8816	3.2756	0.369423	1
cg08353915	2.54E-05	0.198685	-5.0331	5.43E-06	0.136723	-7.31407	0.000621478	0.361197	-2.76857	2.76E-05	0.202341	-4.94214	42.3786	25.1049	0.526573	1
cg13468804	0.792252	1.05207	1.05207	0.689769	1.08022	1.08022	0.172346	0.756289	-1.32225	0.429993	0.856485	-1.16756	14.2233	8.33058	0.520623	1
cg14132058	0.119684	1.73957	1.73957	0.00235341	0.248678	-4.02126	0.0413491	2.16319	2.16319	0.414448	1.31463	1.31463	5.65775	9.63488	1.51374	1
cg26624914	0.00608198	0.25785	-3.87823	0.0375324	0.401245	-2.49224	0.00684972	0.265749	-3.76294	0.257018	0.639131	-1.56463	4.64493	10.534	2.01586	1
cg14203838	0.177041	1.4817	1.4817	0.670139	0.889215	-1.12459	0.197997	0.688777	-1.45185	0.0466689	0.535688	-1.86676	9.34095	11.1091	1.05715	1
cg13399638	0.0308935	0.263204	-3.79934	0.36636	0.619749	-1.61356	0.0296333	3.85393	3.85393	0.498076	1.4247	1.4247	4.01673	16.4163	3.17876	1
cg09066427	0.0342488	0.486251	-2.05655	0.00165165	0.268577	-3.72332	0.714744	0.898395	-1.1131	0.0270517	0.465795	-2.14687	4.02064	5.42537	1.19945	1
cg23689916	0.0104741	1.82165	1.82165	0.163206	0.758029	-1.31921	0.63058	1.09439	1.09439	0.577246	1.11051	1.11051	7.04193	3.86437	0.487792	1
cg16720880	0.00750928	0.54443	-1.83678	0.424616	1.15499	1.15499	0.535019	0.894924	-1.11741	0.595249	1.09938	1.09938	5.96448	2.94969	0.439593	1
cg14213824	0.0802094	1.25771	1.25771	0.00105897	0.564404	-1.77178	0.426383	0.908511	-1.1007	0.533885	1.07727	1.07727	3.87559	0.856666	0.196481	1
cg14641829	0.000798005	0.3141	-3.1837	0.00100299	0.327306	-3.05525	0.442619	0.836086	-1.19605	0.000465712	0.284034	-3.52071	13.3581	11.0639	0.736221	1
cg20999934	0.439009	0.893943	-1.11864	0.0235547	0.681052	-1.46832	0.209506	1.20668	1.20668	0.127692	1.26357	1.26357	4.38179	1.40014	0.284032	1
cg14292424	0.290438	0.698191	-1.43227	0.700181	1.13508	1.13508	0.0412884	0.462637	-2.16152	0.000256076	0.13924	-7.18185	9.06839	15.4003	1.50954	1
cg04103317	0.0703208	0.464374	-2.15344	0.00369316	0.22588	-4.42714	0.00401665	0.230939	-4.33015	0.0194281	0.342522	-2.91952	8.07477	18.3862	2.02399	1
cg13823840	0.0140342	0.224027	-4.46375	0.394211	0.650207	-1.53797	0.173958	0.489943	-2.04105	0.0290612	0.281115	-3.55726	3.65763	14.0945	3.4253	1
cg15351186	0.411767	0.724215	-1.38081	0.00164397	0.176767	-5.65716	0.00818975	0.272314	-3.67223	0.185824	0.58313	-1.71488	9.58017	22.4283	2.081	1
cg12181083	0.829218	0.923511	-1.08282	0.00720828	0.27874	-3.58757	0.0473678	0.433582	-2.30637	0.0874677	0.499103	-2.00359	7.37653	15.8522	1.91022	1
cg02283643	0.92204	0.967923	-1.03314	0.0270377	0.418159	-2.39144	0.0127572	0.356803	-2.80267	0.138085	0.587533	-1.70203	7.17449	12.6051	1.56172	1
cg04845579	0.7994	1.07059	1.07059	0.0145446	0.446518	-2.23955	0.00811095	0.403327	-2.47937	0.0366017	0.521724	-1.91672	7.1176	8.08865	1.01016	1
cg07073960	0.903197	0.948188	-1.05464	0.0465553	0.369106	-2.70925	0.0997715	0.454428	-2.20057	0.380208	0.67463	-1.48229	6.63393	20.0879	2.6916	1
cg03140889	0.245795	0.755559	-1.32352	0.000284041	0.254341	-3.93173	0.145193	1.43509	1.43509	0.00322895	0.395426	-2.52892	11.0983	9.3722	0.750642	1
cg12484808	0.100841	0.65706	-1.52193	0.00194465	0.359043	-2.78518	0.0768126	1.58393	1.58393	0.00417313	0.407729	-2.45261	10.6119	9.17955	0.768912	1
cg17524017	0.582098	1.12562	1.12562	0.0223268	0.558266	-1.79126	0.00691686	0.475106	-2.10479	0.176704	1.35765	1.35765	7.10344	5.09956	0.638133	1
cg10260044	0.0210935	3.71507	3.71507	0.119358	2.22484	2.22484	0.102121	2.33149	2.33149	0.804673	0.889373	-1.12439	5.72795	20.3091	3.15166	1
cg04237288	0.202189	0.707137	-1.41415	0.687291	1.10975	1.10975	0.00233634	2.98467	2.98467	0.746012	0.919765	-1.08723	5.49274	5.76126	0.932343	1
cg13880467	0.556514	0.907509	-1.10192	0.119704	1.3172	1.3172	0.464405	1.1292	1.1292	0.0762464	1.37973	1.37973	4.93162	2.07994	0.374894	1
cg05754641	0.308675	0.581547	-1.71955	0.0188396	0.23136	-4.32227	0.86882	0.918476	-1.08876	0.0204252	0.237524	-4.2101	4.31697	18.097	3.72628	1
cg00541476	0.334544	0.804601	-1.24285	0.0182207	0.534647	-1.87039	0.0566753	0.624224	-1.60199	0.479146	0.854567	-1.17018	4.25937	3.21914	0.671802	1
cg03613662	0.43011	0.725734	-1.37791	0.022967	0.33867	-2.95273	0.131601	0.523155	-1.91148	0.277782	0.638109	-1.56713	3.74959	9.40874	2.23047	1
cg13291208	0.0438099	0.312499	-3.20001	0.00483152	0.153136	-6.53015	0.175553	0.485265	-2.06073	0.931951	1.0438	1.0438	3.74798	14.9578	3.54746	1
cg15422439	0.503032	0.860547	-1.16205	0.0150863	0.516886	-1.93466	0.900668	0.972785	-1.02798	0.0468892	0.6049	-1.65316	3.4317	2.65377	0.687388	1
cg20169702	0.361951	1.23269	1.23269	0.000199183	0.247898	-4.03393	0.266145	0.77208	-1.2952	0.291506	0.783215	-1.27679	5.93859	4.68751	0.701627	1
cg12238291	0.0145561	2.22685	2.22685	0.00338987	0.346535	-2.88571	0.259886	1.36704	1.36704	0.0882691	0.606313	-1.64931	9.55352	10.7079	0.996297	1
cg13282840	0.0016827	0.783526	-1.27628	0.0331902	1.14485	1.14485	0.25816	1.06621	1.06621	0.1405	0.917458	-1.08997	9.26631	0.433236	0.0415591	1
cg19047335	0.0154493	0.461705	-2.16588	0.0165687	0.467093	-2.1409	0.681154	1.11344	1.11344	0.00633114	0.396698	-2.52081	6.41458	6.87259	0.952357	1
ch.20.1019750	0.317271	0.608724	-1.64278	0.154882	0.481425	-2.07716	0.366459	0.640503	-1.56127	0.404995	0.664245	-1.50547	4.49369	16.4082	3.24569	1
cg19272617	0.0159848	0.219547	-4.55483	0.0308347	3.53943	3.53943	0.0672964	2.68629	2.68629	0.126758	2.1738	2.1738	5.65822	14.5377	1.60582	1
cg19754861	0.00892737	0.645875	-1.54829	0.0245147	0.703222	-1.42203	0.0141248	1.48887	1.48887	0.0651404	1.31274	1.31274	7.27139	1.98882	0.243123	1
cg15435830	0.984827	0.993937	-1.0061	?	?	?	0.729884	1.11722	1.11722	0.9557	1.01792	1.01792	4.22483	6.08232	1.43966	1
cg00765635	0.0572678	1.22798	1.22798	0.00011532	1.90727	1.90727	0.596489	1.05235	1.05235	0.0075375	0.720136	-1.38863	9.01358	1.30162	0.128361	1
cg07225829	0.91004	0.977319	-1.02321	0.166625	0.741313	-1.34896	0.258286	0.787082	-1.27052	0.0202642	0.566575	-1.76499	8.85327	5.77686	0.58001	1
cg01009486	0.739448	0.901829	-1.10886	0.00871882	0.355354	-2.8141	0.795976	1.08352	1.08352	0.1186	0.591856	-1.6896	6.00867	9.12065	1.34926	1
cg08961793	0.513395	1.11477	1.11477	0.464049	0.885002	-1.12994	0.397136	1.15273	1.15273	0.0958347	0.740929	-1.34966	5.01239	2.13324	0.378306	1
cg08008286	0.0126226	0.55101	-1.81485	0.000100728	0.265814	-3.76203	9.46E-05	0.262651	-3.80733	0.000397828	0.338435	-2.95478	27.6082	16.1515	0.520024	1
cg00266579	0.0888871	1.28567	1.28567	0.0106661	0.650597	-1.53705	0.276782	1.16355	1.16355	0.176623	0.825021	-1.21209	5.8703	1.66714	0.252441	1
cg12743398	0.813448	1.03986	1.03986	0.909502	0.981375	-1.01898	0.126894	0.761108	-1.31387	0.273973	0.828435	-1.2071	6.89412	2.98491	0.384857	1
cg04609801	0.114925	0.759234	-1.31712	0.067033	1.39077	1.39077	0.00764114	0.576362	-1.73502	0.0049927	0.550443	-1.81672	26.5491	10.8562	0.363476	1
cg04643524	0.826553	0.954592	-1.04757	0.0879842	1.48991	1.48991	0.12102	0.700452	-1.42765	0.214635	0.758333	-1.31868	9.32873	6.62513	0.631276	1
cg04270652	0.736059	0.886944	-1.12747	0.618062	1.19513	1.19513	0.0505861	0.453829	-2.20347	0.159672	0.586931	-1.70378	7.84695	15.6288	1.7704	1
cg06291594	0.00776101	0.136524	-7.32473	0.100386	0.350531	-2.85282	0.201784	0.456099	-2.19251	0.637953	0.758772	-1.31792	4.77789	25.6688	4.77548	1
cg25570328	0.885098	1.02137	1.02137	0.0105376	1.60094	1.60094	0.275286	1.18055	1.18055	0.000155896	0.387979	-2.57746	15.1025	5.1151	0.30106	1
cg03681335	0.678241	1.11188	1.11188	0.00427727	2.64204	2.64204	0.05906	1.71925	1.71925	0.00203674	0.331021	-3.02095	13.5126	13.8302	0.909782	1
cg17287107	0.0201477	0.356126	-2.808	0.00365484	0.235012	-4.25509	0.00914302	0.295332	-3.38602	0.00393844	0.239563	-4.17427	6.79636	14.6074	1.91048	1
cg13968390	0.0294161	0.198294	-5.04301	0.096278	0.316012	-3.16444	0.831857	0.874487	-1.14353	0.062298	0.266159	-3.75716	4.48486	28.2621	5.60149	1
cg14612684	0.0207635	0.689781	-1.44974	0.0119655	0.658149	-1.51941	0.796533	0.966116	-1.03507	1.54E-06	0.1979	-5.05307	46.683	13.1598	0.250576	1
cg16463700	0.802566	1.05595	1.05595	0.0195676	1.84611	1.84611	0.704197	1.08642	1.08642	0.366158	1.22356	1.22356	5.89792	4.41129	0.664836	1
cg20150189	0.0672047	1.15789	1.15789	0.0114611	1.25369	1.25369	0.0459468	1.17761	1.17761	0.71692	1.02637	1.02637	5.64976	0.457048	0.0719083	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25537125	SULT1C4	0.0205953	0.29898	0.697399	-1.4339	0.51959	1.24428	1.24428	0.502895	1.25561	1.25561	0.148118	1.68102	1.68102	0.00534871	0.292806	-3.41522
cg10236239	SULT1C4;SULT1C4	0.0495826	0.10694	0.360136	-2.77673	0.00379747	0.103764	-9.63724	0.188977	0.445943	-2.24244	0.209902	0.464497	-2.15287	0.0270344	0.218904	-4.56822
cg17136384	SULT1E1	1.53E-05	6.49E-07	0.176194	-5.67557	0.0028665	0.592141	-1.68879	2.51E-05	0.343398	-2.91207	0.209126	0.844417	-1.18425	0.277379	1.15523	1.15523
cg18336878	SULT1E1	0.0017519	8.53E-05	0.053991	-18.5216	0.363044	0.679402	-1.47188	0.00563366	0.222589	-4.49258	0.00866487	0.250674	-3.98925	0.443167	1.38167	1.38167
cg19774288	SULT2A1	0.00707897	0.0786401	0.314807	-3.17654	0.920177	1.06111	1.06111	0.00939937	0.142501	-7.01751	0.0755579	0.310188	-3.22385	0.00946082	0.142861	-6.9998
cg26574395	SULT2A1	0.0308925	0.0306626	0.113332	-8.82365	0.0161546	0.0801674	-12.4739	0.0553441	0.15527	-6.44038	0.206806	0.319265	-3.1322	0.0231965	0.09756	-10.2501
cg19139729	SULT2A1;SULT2A1	3.82E-06	2.16E-05	0.239274	-4.17931	?	?	?	1.70E-05	0.228032	-4.38534	0.00038414	0.387144	-2.58302	3.11E-07	0.0818315	-12.2202
cg22472023	SULT2A1;SULT2A1	0.00119952	0.000793759	0.120112	-8.32557	0.00176788	0.155334	-6.43775	0.0276663	0.336674	-2.97023	0.0862382	0.452661	-2.20916	0.000227168	0.0771061	-12.9691
cg15149098	SULT2B1	0.0017965	0.0915066	0.603396	-1.65729	0.934777	1.0225	1.0225	0.00108516	0.269521	-3.71029	0.153304	0.65988	-1.51543	5.41E-05	0.129242	-7.73741
cg24813180	SULT2B1	0.00829991	0.00122568	0.520393	-1.92162	0.134298	0.800105	-1.24984	0.0017103	0.538767	-1.85609	0.817387	1.03246	1.03246	0.365385	1.13707	1.13707
cg27586378	SULT2B1	0.0181853	0.0833717	0.778197	-1.28502	0.389939	1.12217	1.12217	0.0019416	0.563485	-1.77467	0.171506	0.826569	-1.20982	0.0221302	0.698402	-1.43184
cg20117369	SULT2B1	0.0217999	0.00713337	0.366057	-2.73181	0.198259	1.48175	1.48175	0.35021	0.757232	-1.3206	0.645425	0.874598	-1.14338	0.00403064	0.327212	-3.05613
cg05018821	SULT2B1	0.032436	0.00558115	0.301647	-3.31513	0.413462	1.31692	1.31692	0.102849	0.555649	-1.7997	0.438384	1.29727	1.29727	0.0113369	0.352058	-2.84044
cg10262032	SULT2B1;SULT2B1	0.0297488	0.00636476	0.103144	-9.69521	0.411033	0.584075	-1.71211	0.117489	0.337038	-2.96703	0.0687992	0.271773	-3.67954	0.00416884	0.0857734	-11.6586
cg00698688	SULT2B1;SULT2B1	0.045632	0.0840212	0.17652	-5.66507	0.210935	0.302482	-3.30598	0.538434	0.568332	-1.75954	0.242006	0.329266	-3.03706	0.0293054	0.0973855	-10.2685
cg10836392	SULT4A1	0.00654257	0.000456626	9.52057	9.52057	0.0356017	2.71417	2.71417	0.0667361	2.31427	2.31427	0.890526	1.05782	1.05782	0.974344	0.986958	-1.01321
cg05472874	SULT4A1	0.00738905	0.0276338	1.53537	1.53537	0.0385762	0.673995	-1.48369	0.235928	0.815054	-1.22691	0.921724	0.983947	-1.01631	0.00671403	0.56056	-1.78393
cg27501458	SULT4A1	0.0110306	0.634982	1.09343	1.09343	0.0197811	0.591188	-1.69151	0.000705626	2.62264	2.62264	0.100301	1.39971	1.39971	0.429936	0.860298	-1.16239
cg10894483	SULT4A1	0.0175774	0.0149281	1.4381	1.4381	0.947459	0.992033	-1.00803	0.721588	1.04439	1.04439	0.832743	1.026	1.026	0.00246407	0.599846	-1.66709
cg00570666	SULT4A1	0.0266603	0.0359633	0.326872	-3.0593	0.137205	0.480132	-2.08276	0.288643	0.603598	-1.65673	0.669702	0.821473	-1.21733	0.013165	0.244432	-4.09111
cg02571944	SULT6B1	0.000393408	0.0363264	0.646831	-1.546	0.000232576	0.335103	-2.98416	6.17E-05	0.266416	-3.75353	0.94612	1.01217	1.01217	0.481064	1.1368	1.1368
cg02063370	SULT6B1	0.000539498	0.101254	0.794251	-1.25905	0.224963	1.17775	1.17775	0.0499772	1.33236	1.33236	0.372544	1.1247	1.1247	0.0179028	1.44684	1.44684
cg02081305	SULT6B1	0.00147129	0.25804	0.651517	-1.53488	0.000579803	0.144845	-6.90394	0.0022098	0.210725	-4.74552	0.214017	0.621915	-1.60794	0.00158246	0.192704	-5.1893
cg00841141	SULT6B1	0.00252842	0.483666	0.928001	-1.07758	0.0111439	0.71606	-1.39653	0.00104041	0.600681	-1.66478	0.370498	0.907978	-1.10135	0.479525	1.07837	1.07837
cg05538887	SULT6B1	0.00427203	0.0592039	0.689799	-1.4497	0.603376	1.09569	1.09569	0.00143438	0.447708	-2.2336	0.425065	0.867611	-1.15259	0.000437502	0.379575	-2.63453
cg11793168	SULT6B1	0.00701113	0.287667	0.830159	-1.20459	0.000649612	0.414063	-2.41509	0.00436093	0.526161	-1.90056	0.262863	0.821334	-1.21753	0.00250129	0.492555	-2.03023
cg26059219	SUMF1;SUMF1;SUMF1	1.17E-05	0.627671	1.03357	1.03357	0.158458	1.10722	1.10722	5.61E-07	2.5492	2.5492	0.431868	0.947245	-1.05569	0.0546266	1.1587	1.1587
cg02750728	SUMF1;SUMF1;SUMF1	8.47E-05	0.816237	1.06824	1.06824	4.10E-05	0.108817	-9.18972	0.330304	0.752108	-1.3296	6.80E-05	0.126594	-7.89928	0.0394568	1.96508	1.96508
cg07911463	SUMF1;SUMF1;SUMF1	0.00129516	0.107071	0.598367	-1.67122	0.114811	1.64924	1.64924	0.619802	0.86571	-1.15512	0.0208706	2.28127	2.28127	0.000273007	0.154631	-6.46699
cg00725388	SUMF1;SUMF1;SUMF1	0.00139476	0.0481568	1.20962	1.20962	0.396098	0.929387	-1.07598	0.0167369	1.279	1.279	0.0855195	0.852004	-1.1737	0.000986574	0.66191	-1.51078
cg14525886	SUMF1;SUMF1;SUMF1	0.00462159	0.237395	0.768067	-1.30197	0.186365	0.741818	-1.34804	0.015879	0.532742	-1.87708	0.0330578	0.587832	-1.70117	0.000291462	0.283897	-3.52241
cg18847227	SUMF1;SUMF1;SUMF1	0.00612514	0.00585769	0.226749	-4.41016	0.00117183	0.140912	-7.09662	0.024654	0.332637	-3.00628	0.0923627	0.466714	-2.14264	0.0101963	0.263774	-3.79112
cg06786630	SUMF1;SUMF1;SUMF1	0.0098249	0.0294028	0.273606	-3.6549	0.00341078	0.133925	-7.46689	0.374025	0.630645	-1.58568	0.275594	0.563816	-1.77363	0.00762791	0.176734	-5.65822
cg16643090	SUMF1;SUMF1;SUMF1	0.0251052	0.597591	0.935567	-1.06887	0.0197536	1.42188	1.42188	0.539889	1.08068	1.08068	0.486687	1.09239	1.09239	0.133033	1.22463	1.22463
cg05635712	SUMF1;SUMF1;SUMF1	0.0335306	0.551045	1.09375	1.09375	0.0632753	1.36386	1.36386	0.00164401	1.95351	1.95351	0.871955	1.02425	1.02425	0.232088	1.20465	1.20465
cg11108137	SUMF1;SUMF1;SUMF1	0.0336437	0.112385	0.576449	-1.73476	0.00709554	0.330008	-3.03023	0.0744548	0.530785	-1.884	0.141929	0.60456	-1.6541	0.0192706	0.405668	-2.46507
cg18110822	SUMF1;SUMF1;SUMF1	0.0371541	0.0260897	0.199882	-5.00295	0.0457416	0.24741	-4.04188	0.294368	0.515182	-1.94106	0.179654	0.419325	-2.38479	0.0444357	0.244711	-4.08646
cg13153834	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.000663386	0.113677	1.24024	1.24024	0.831779	1.02697	1.02697	2.14E-05	2.91607	2.91607	0.00357217	1.63843	1.63843	0.934826	1.01028	1.01028
cg13548164	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.006742	0.00195208	0.589543	-1.69623	0.671114	1.05288	1.05288	0.603135	1.06532	1.06532	0.818599	1.0281	1.0281	0.00209763	0.593301	-1.68548
cg05055703	SUMO1;SUMO1;SUMO1	0.00203499	0.0673726	0.511988	-1.95317	0.033745	0.444943	-2.24748	0.00570165	0.306025	-3.26771	0.545933	0.819056	-1.22092	0.0482725	0.478487	-2.08992
cg18948435	SUMO1;SUMO1;SUMO1	0.0079074	0.730232	1.06623	1.06623	0.0478861	0.657666	-1.52053	0.0153881	0.576391	-1.73493	0.000838221	0.394174	-2.53695	0.00335848	0.477461	-2.09441
cg18309752	SUMO1;SUMO1;SUMO1	0.0178159	0.587321	0.682385	-1.46545	0.000739468	0.0280419	-35.6609	0.595486	0.688196	-1.45307	0.423114	0.565191	-1.76931	0.438725	1.73466	1.73466
cg08267047	SUMO1;SUMO1;SUMO1	0.0229002	0.259156	0.814974	-1.22703	0.0516807	0.68053	-1.46944	0.00531902	1.89321	1.89321	0.489443	1.12979	1.12979	0.11366	0.741446	-1.34872
cg04194457	SUMO1P1	0.01994	0.206058	0.764346	-1.30831	0.010165	0.520441	-1.92145	0.00682792	0.493612	-2.02588	0.927426	0.981813	-1.01852	0.369623	0.830575	-1.20398
cg07686859	SUMO1P1	0.0450677	0.995035	1.00135	1.00135	0.0242636	0.559766	-1.78646	0.334079	0.806346	-1.24016	0.241261	1.30347	1.30347	0.913553	0.976812	-1.02374
cg21879233	SUMO2;SUMO2	0.0198971	0.0131758	0.761397	-1.31337	0.606186	1.0472	1.0472	0.876401	0.98629	-1.0139	0.592014	0.95315	-1.04915	0.0153171	0.767946	-1.30217
cg22114264	SUMO2;SUMO2	0.0430824	0.763147	0.968012	-1.03304	0.122329	0.835172	-1.19736	0.77334	1.03155	1.03155	0.0647967	0.800039	-1.24994	0.0839833	1.22836	1.22836
cg07712267	SUMO2;SUMO2;SUMO2;SUMO2	0.0218837	0.797009	1.03899	1.03899	0.00312592	0.549042	-1.82135	0.00813078	0.604879	-1.65322	0.173796	0.806775	-1.2395	0.761994	0.955929	-1.0461
cg24564491	SUMO3	0.00105755	0.00694832	3.17428	3.17428	0.0060321	3.27543	3.27543	0.0255073	2.40573	2.40573	0.154705	1.65493	1.65493	0.00482206	0.290331	-3.44434
cg00231945	SUMO3	0.0325114	0.0347409	3.08276	3.08276	0.255031	1.72214	1.72214	0.233879	1.76976	1.76976	0.361052	1.53645	1.53645	0.611501	1.26402	1.26402
cg24069221	SUMO4;MAP3K7IP2;SUMO4	0.0073934	0.764479	0.939534	-1.06436	0.000311005	0.296935	-3.36774	0.012611	0.525271	-1.90378	0.110244	0.696753	-1.43523	0.920095	1.02105	1.02105
cg24873202	SUNC1;SUNC1	0.00171642	0.338277	0.774981	-1.29035	0.000233881	0.20684	-4.83465	0.0317567	0.522006	-1.91569	0.989254	0.996528	-1.00348	0.000828235	0.2725	-3.66973
cg03609427	SUNC1;SUNC1	0.00750821	0.206563	0.711368	-1.40574	0.452348	0.822237	-1.21619	0.00057716	0.256267	-3.90217	0.362466	0.787191	-1.27034	0.293989	0.757096	-1.32084
cg07298482	SUNC1;SUNC1	0.00925259	0.451412	1.24079	1.24079	0.0116654	0.41218	-2.42612	0.00527127	0.355449	-2.81334	0.0419844	0.517381	-1.93281	0.0553648	0.542987	-1.84166
cg01388054	SUNC1;SUNC1	0.0123681	0.958521	0.975126	-1.02551	0.00177585	0.115893	-8.62866	0.0186657	0.251388	-3.97791	0.84602	0.910137	-1.09874	0.0177092	0.247359	-4.04271
cg12302812	SUNC1;SUNC1	0.0128234	0.670929	0.903456	-1.10686	0.28746	0.769222	-1.30001	0.0202261	0.514153	-1.94494	0.0448975	0.578774	-1.72779	0.00474426	0.410253	-2.43752
cg05073901	SUNC1;SUNC1	0.018	0.00756594	0.208968	-4.78543	0.24433	0.574075	-1.74193	0.0466056	0.354046	-2.82449	0.266621	0.590141	-1.69451	0.013585	0.248708	-4.02079
cg22796922	SUNC1;SUNC1	0.0186791	0.0456152	0.135894	-7.3587	0.0547683	6.6659	6.6659	0.0310133	9.06913	9.06913	0.283489	2.63877	2.63877	0.537768	0.580828	-1.72168
cg23509098	SUNC1;SUNC1;SUNC1;SUNC1	0.00446242	0.0871411	0.370806	-2.69683	0.00161497	0.0930878	-10.7425	0.0222842	0.237258	-4.21483	0.33634	0.594137	-1.68311	0.00438399	0.135567	-7.37644
cg05822022	SUOX;SUOX;SUOX	4.16E-05	0.0495636	0.787459	-1.26991	0.029126	0.760167	-1.3155	0.00289193	1.54779	1.54779	0.00364703	0.657448	-1.52103	3.64E-06	0.31442	-3.18046
cg21554249	SUOX;SUOX;SUOX	0.000332594	0.456651	1.17067	1.17067	0.00459064	2.19079	2.19079	0.0143556	1.87269	1.87269	0.0312458	1.69102	1.69102	0.346891	1.22303	1.22303
cg22580629	SUOX;SUOX;SUOX	0.000352518	0.319613	0.894931	-1.1174	0.0543258	1.26577	1.26577	7.25E-06	2.91069	2.91069	0.458181	0.9217	-1.08495	0.650447	0.951955	-1.05047
cg16853842	SUOX;SUOX;SUOX	0.00171666	0.209248	1.18618	1.18618	0.692472	1.05262	1.05262	0.146905	1.22242	1.22242	0.379037	0.890098	-1.12347	0.0613954	0.761944	-1.31243
cg06495347	SUOX;SUOX;SUOX	0.014671	0.0275569	0.390321	-2.56199	0.654685	1.17648	1.17648	0.738191	1.12875	1.12875	0.154891	0.577169	-1.73259	0.0220049	0.370921	-2.69599
cg03532253	SUOX;SUOX;SUOX	0.0239569	0.517255	1.226	1.226	0.843584	1.06323	1.06323	0.165301	0.631736	-1.58294	0.651298	1.15165	1.15165	0.00755744	0.34421	-2.9052
cg19627869	SUOX;SUOX;SUOX;SUOX;SUOX;SUOX	0.00713874	0.23556	0.888456	-1.12555	0.959442	0.995173	-1.00485	0.00114982	1.57553	1.57553	0.578584	0.948016	-1.05483	0.525746	1.06308	1.06308
cg08380284	SUPT16H	0.000414119	0.0428835	0.854414	-1.17039	0.0917131	0.882174	-1.13356	0.427174	0.946734	-1.05626	0.0461034	1.16685	1.16685	5.95E-05	0.605665	-1.65108
cg13008879	SUPT16H	0.00084991	0.155535	0.565759	-1.76754	0.00147722	0.179178	-5.58104	0.700866	0.865306	-1.15566	0.026537	0.373237	-2.67927	2.39E-05	0.0425	-23.5294
cg11120865	SUPT16H	0.00111737	3.59E-05	0.178902	-5.58965	0.648248	0.90556	-1.10429	0.000766241	0.332628	-3.00636	0.342046	1.23546	1.23546	0.621379	0.898052	-1.11352
cg09249611	SUPT16H	0.00276834	0.0729483	0.450659	-2.21897	0.000467773	0.111713	-8.95153	0.0119638	0.286637	-3.48874	0.018421	0.319992	-3.12508	0.0119506	0.286555	-3.48973
cg10208821	SUPT16H	0.00286605	0.764543	0.939123	-1.06482	0.418921	1.1885	1.1885	0.0667438	1.53696	1.53696	0.0150302	0.535274	-1.8682	0.043847	1.62319	1.62319
cg06730555	SUPT16H	0.011716	0.185538	0.738244	-1.35457	0.32194	1.24757	1.24757	0.804923	0.947911	-1.05495	0.282614	0.785559	-1.27298	0.000253687	0.271611	-3.68174
cg05296566	SUPT16H	0.0189919	0.000580859	0.0682036	-14.662	0.330023	0.60212	-1.6608	0.0538408	0.331275	-3.01864	0.850547	0.909194	-1.09988	0.548869	0.736296	-1.35815
cg18484300	SUPT16H	0.0428228	0.0110254	0.103479	-9.66378	0.111675	0.291569	-3.42972	0.285033	0.453851	-2.20336	0.269947	0.441656	-2.26421	0.0458475	0.196256	-5.0954
cg17348667	SUPT3H;RUNX2;RUNX2;SUPT3H	0.000161582	0.00422408	0.535644	-1.86691	0.000159942	0.333647	-2.99718	0.888617	1.02202	1.02202	0.393191	1.14616	1.14616	0.0473443	0.69758	-1.43353
cg19387006	SUPT3H;RUNX2;RUNX2;SUPT3H	0.00685084	0.477481	1.19298	1.19298	0.029365	1.87184	1.87184	0.00239048	2.81237	2.81237	0.0657543	0.603838	-1.65607	0.021123	0.507924	-1.9688
cg15587018	SUPT3H;SUPT3H	0.000388952	0.711752	1.08379	1.08379	0.136149	0.70598	-1.41647	0.112032	0.687165	-1.45525	0.13725	1.41488	1.41488	0.0310931	0.577736	-1.73089
cg02705792	SUPT3H;SUPT3H	0.000391518	0.289025	0.865063	-1.15598	0.0161666	0.678736	-1.47333	0.00109689	0.530424	-1.88528	0.260402	1.1672	1.1672	0.275877	0.861324	-1.161
cg01946401	SUPT3H;SUPT3H;RUNX2;RUNX2;RUNX2;RUNX2	0.0205936	0.0447771	0.480255	-2.08223	0.00271191	0.267473	-3.7387	0.00392268	0.29057	-3.44151	0.106126	0.570132	-1.75398	0.0529067	0.496359	-2.01467
cg04018534	SUPT4H1	0.000140616	0.000384317	0.557224	-1.79461	0.0620028	1.24217	1.24217	0.0369425	0.778754	-1.2841	0.162272	0.857292	-1.16646	0.370331	0.909429	-1.09959
cg20933293	SUPT4H1	0.0297547	0.522106	1.13435	1.13435	0.4089	0.848639	-1.17836	0.908806	0.977981	-1.02251	0.0206476	0.581825	-1.71873	0.0010484	0.389732	-2.56587
cg14996805	SUPT4H1	0.0357866	0.808595	1.04431	1.04431	0.157427	0.763333	-1.31004	0.161445	0.765579	-1.3062	0.000961052	2.407	2.407	0.563008	1.11011	1.11011
cg01726854	SUPT4H1	0.0472387	0.246286	2.11775	2.11775	0.60732	1.37821	1.37821	0.0725471	3.45533	3.45533	0.672251	1.30127	1.30127	0.591897	0.715413	-1.39779
cg17899476	SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.000391885	0.132578	0.711764	-1.40496	0.131159	0.710735	-1.40699	0.0280756	0.580713	-1.72202	0.0267401	1.73306	1.73306	0.000172022	0.262584	-3.8083
cg15098957	SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.0146014	0.0127673	0.117321	-8.5236	0.00563621	0.0807391	-12.3856	0.0349335	0.182237	-5.48737	0.569741	0.671719	-1.48872	0.981158	0.983775	-1.01649
cg15701419	SUPT6H	0.0024568	0.643836	0.923479	-1.08286	0.523889	1.11677	1.11677	0.0130676	0.59072	-1.69285	0.153293	1.29882	1.29882	0.00107461	0.437836	-2.28396
cg07175191	SUPT6H;SDF2	0.00370777	0.828865	0.935117	-1.06938	0.065211	0.526514	-1.89928	0.00986649	0.364023	-2.74708	0.000394299	0.173905	-5.75028	0.000963906	0.218037	-4.58639
cg13045611	SUPT6H;SDF2	0.00699944	0.513054	0.899129	-1.11219	0.0050831	1.81052	1.81052	0.0224592	1.55002	1.55002	0.446794	0.883121	-1.13235	0.00257406	0.511764	-1.95403
cg11553177	SUPT6H;SDF2	0.0148223	0.69409	0.960733	-1.04087	0.0743687	0.817526	-1.2232	0.0633288	0.809273	-1.23568	0.964455	1.00453	1.00453	0.470725	1.07719	1.07719
cg07042338	SUPT6H;SDF2	0.0337706	0.038295	0.194874	-5.13152	0.00872464	0.102659	-9.74101	0.0255166	0.163987	-6.09806	0.419258	0.569956	-1.75452	0.0360127	0.189866	-5.26687
cg01993166	SUPT6H;SDF2	0.0356254	0.0451958	0.660547	-1.5139	0.059625	0.681383	-1.4676	0.435865	0.866349	-1.15427	0.00691077	0.532084	-1.8794	0.0609432	0.683057	-1.46401
cg22553461	SUPT6H;SDF2	0.0387026	0.661935	1.09691	1.09691	0.209808	1.3203	1.3203	0.0523575	1.59019	1.59019	0.0684921	1.53532	1.53532	0.631956	1.10677	1.10677
cg01904169	SUPT7L	0.00158345	0.713973	1.12882	1.12882	0.00874782	0.333089	-3.0022	0.0268785	0.421944	-2.36998	0.498626	1.25371	1.25371	0.0580995	0.49411	-2.02384
cg01289544	SUPT7L;SLC4A1AP	0.046827	0.224196	0.513412	-1.94776	0.985296	1.00967	1.00967	0.0606471	0.331414	-3.01737	0.618257	1.29993	1.29993	0.0290406	0.260931	-3.83242
cg01071279	SUPV3L1	9.37E-05	0.0707114	0.60612	-1.64984	1.46E-06	0.0481896	-20.7514	0.350867	0.78817	-1.26876	0.514071	1.17827	1.17827	0.00741537	2.3516	2.3516
cg27151651	SUPV3L1	0.000530255	0.0458359	0.836504	-1.19545	0.139939	1.13186	1.13186	0.000500022	1.52901	1.52901	0.267549	0.91386	-1.09426	0.336364	0.925604	-1.08038
cg13409216	SUPV3L1	0.003676	0.162683	0.837907	-1.19345	0.39714	1.10836	1.10836	0.00072625	1.84012	1.84012	0.671455	1.05193	1.05193	0.751307	0.962976	-1.03845
cg05111829	SUPV3L1	0.00991404	0.00404027	0.511974	-1.95323	0.00843269	0.558067	-1.7919	0.00350229	0.503208	-1.98725	0.0549126	0.685616	-1.45854	0.510945	1.12256	1.12256
cg06376599	SUPV3L1	0.0125123	0.13179	0.83178	-1.20224	0.00313207	1.5799	1.5799	0.038922	1.31085	1.31085	0.944648	1.00789	1.00789	0.784367	1.03154	1.03154
cg01437577	SUPV3L1;SUPV3L1	0.0129826	0.327345	0.810854	-1.23327	0.220909	0.765792	-1.30584	0.216971	1.30914	1.30914	0.6064	0.897836	-1.11379	0.618849	1.1096	1.1096
cg13454524	SURF1	0.0377171	0.0397395	0.45229	-2.21097	0.505814	0.798288	-1.25268	0.139556	0.588282	-1.69986	0.72142	1.1269	1.1269	0.00219427	0.238568	-4.19167
cg24770292	SURF1;SURF2	0.0196695	0.376181	0.909582	-1.09941	0.00239059	1.55531	1.55531	0.133754	1.18384	1.18384	0.742726	0.966212	-1.03497	0.0609358	1.24659	1.24659
cg14651705	SURF2	0.0200011	0.0448701	0.392967	-2.54474	0.69397	0.851773	-1.17402	0.261083	0.621572	-1.60882	0.637096	1.21263	1.21263	0.010076	0.267833	-3.73367
cg25307641	SURF2;SURF1	0.00978632	0.00285188	0.178975	-5.58737	0.180279	0.550888	-1.81525	0.0107523	0.261078	-3.83028	0.0306831	0.345142	-2.89736	0.00242696	0.170509	-5.86479
cg17083853	SURF2;SURF1	0.0310007	0.372888	1.42542	1.42542	0.55667	1.25905	1.25905	0.569466	1.24953	1.24953	0.000609384	0.12919	-7.74051	0.77432	0.894585	-1.11784
cg14055887	SURF4	0.00851541	0.190596	0.615586	-1.62447	0.114256	1.82465	1.82465	0.629924	0.843702	-1.18525	0.188311	1.62903	1.62903	0.00605273	0.285078	-3.50781
cg01790274	SURF4	0.0106264	0.0134738	0.246249	-4.06094	0.120364	0.462162	-2.16374	0.324771	0.6276	-1.59337	0.112008	0.45257	-2.2096	0.00107378	0.109354	-9.14458
cg14379462	SURF4	0.0251769	0.415962	1.2011	1.2011	0.665855	0.908688	-1.10049	0.435103	0.839035	-1.19185	0.829347	0.953542	-1.04872	0.457438	0.846392	-1.18149
cg14071947	SURF4	0.0301258	0.0313454	1.84699	1.84699	0.00604877	2.38956	2.38956	0.00696614	2.33522	2.33522	0.0177905	2.0139	2.0139	0.138699	1.47291	1.47291
cg00605775	SURF4;C9orf96	0.0368253	0.897181	0.955109	-1.047	0.04872	2.31698	2.31698	0.0496474	2.30603	2.30603	0.414801	0.741982	-1.34774	0.984875	0.993289	-1.00676
cg01832218	SURF6	0.00198927	0.42492	0.806262	-1.24029	0.980723	1.00641	1.00641	0.0132849	0.444491	-2.24977	0.507048	1.19469	1.19469	0.000307974	0.212644	-4.7027
cg13616427	SURF6	0.0044476	0.00892992	0.638566	-1.56601	0.00692825	1.60192	1.60192	0.631307	0.936882	-1.06737	0.0985023	0.783239	-1.27675	0.074275	0.764764	-1.30759
cg14611684	SURF6	0.0138549	0.545468	1.226	1.226	0.0646987	0.501095	-1.99563	0.00155814	0.219963	-4.54622	0.0351257	0.441599	-2.2645	0.899714	0.958884	-1.04288
cg13775310	SUSD1	0.00446253	0.0731737	0.698144	-1.43237	0.000561789	0.382232	-2.61622	0.32848	0.834125	-1.19886	0.0514811	0.671218	-1.48983	0.30068	0.824604	-1.2127
cg04230060	SUSD1	0.00521714	0.838454	1.04487	1.04487	0.0420631	1.65479	1.65479	0.384852	1.21116	1.21116	0.00377787	2.31704	2.31704	0.00181595	0.385472	-2.59422
cg14038618	SUSD1	0.00627883	0.353701	1.08346	1.08346	0.0167837	0.782573	-1.27784	0.0987586	0.858932	-1.16424	0.141388	1.14208	1.14208	0.00301769	1.40712	1.40712
cg13873269	SUSD1	0.00857251	0.642547	0.879176	-1.13743	0.0091252	2.49046	2.49046	0.439802	0.804885	-1.24241	0.00128367	3.64407	3.64407	0.0310652	0.497938	-2.00828
cg14195117	SUSD1	0.0227835	0.0210839	0.270614	-3.6953	0.0551102	0.358927	-2.78609	0.0153165	0.245949	-4.06588	0.388748	0.659551	-1.51618	0.00229102	0.134154	-7.45411
cg15013830	SUSD2	0.000543566	0.415893	0.852574	-1.17292	0.00125948	0.405318	-2.4672	0.0069388	0.511674	-1.95437	0.0270226	0.60521	-1.65232	9.34E-06	0.159533	-6.26828
cg20894457	SUSD2	0.00547451	0.042839	0.525144	-1.90424	0.000429124	0.21442	-4.66374	0.01942	0.458025	-2.18329	0.287071	0.736805	-1.35721	0.0076096	0.387406	-2.58127
cg12473943	SUSD2	0.0297569	0.0200418	0.459902	-2.17437	0.251327	0.717661	-1.39341	0.00206191	0.300785	-3.32464	0.0687528	0.568996	-1.75748	0.0153542	0.438852	-2.27867
cg06311355	SUSD2	0.0397634	0.0391521	2.71437	2.71437	0.00417271	4.98263	4.98263	0.226749	1.7005	1.7005	0.556001	0.779478	-1.28291	0.212824	0.577587	-1.73134
cg13931896	SUSD3	0.0256773	0.235275	0.724787	-1.37972	0.64411	0.886591	-1.12792	0.22043	1.39566	1.39566	0.305793	1.31571	1.31571	0.301953	1.3188	1.3188
cg23660064	SUSD4	0.00628677	0.0744082	1.45383	1.45383	0.0286485	0.615092	-1.62577	0.000696887	0.377671	-2.64781	0.0353888	0.63054	-1.58594	0.621443	0.910553	-1.09823
cg25743622	SUSD4	0.0419974	0.216316	0.533612	-1.87402	0.582593	1.30728	1.30728	0.12706	0.450856	-2.218	0.938193	0.963255	-1.03815	0.0638067	0.365748	-2.73412
cg14096207	SUSD4	0.0428953	0.0258363	0.119072	-8.39826	0.0275201	0.122918	-8.13547	0.0666263	0.191306	-5.22722	0.0806801	0.210592	-4.74853	0.0717089	0.198485	-5.03817
cg21447550	SUSD4;SUSD4	0.00215629	0.81124	0.980613	-1.01977	5.88E-05	1.83807	1.83807	0.0327841	1.22673	1.22673	0.0203701	1.25705	1.25705	0.794446	1.02159	1.02159
cg15100599	SUSD4;SUSD4	0.00861941	0.662967	0.949768	-1.05289	0.136425	1.20753	1.20753	0.957583	0.993769	-1.00627	0.590379	1.06595	1.06595	0.394998	1.10781	1.10781
cg09416903	SUSD4;SUSD4	0.00910259	0.124522	0.632753	-1.5804	0.425649	1.25092	1.25092	0.075408	0.579996	-1.72415	0.976731	0.992006	-1.00806	0.000900456	0.254801	-3.92462
cg12770149	SUSD4;SUSD4	0.0179523	0.235189	1.13868	1.13868	0.0674287	1.23849	1.23849	0.379399	1.0987	1.0987	0.0534993	1.25723	1.25723	0.0107582	1.39723	1.39723
cg07605211	SUSD4;SUSD4	0.0276234	0.620252	0.889788	-1.12386	0.00876845	0.458198	-2.18246	0.168679	0.709717	-1.40901	0.168103	1.40975	1.40975	0.0409634	0.576102	-1.7358
cg08892600	SUSD4;SUSD4	0.0309503	0.614987	1.14391	1.14391	0.261811	1.36373	1.36373	0.0419795	0.537221	-1.86143	0.64749	1.12982	1.12982	0.298306	0.751393	-1.33086
cg13791188	SUSD4;SUSD4	0.0367191	0.058076	0.383376	-2.6084	0.0172911	0.273135	-3.66119	0.00409455	0.178341	-5.60722	0.12271	0.473051	-2.11394	0.335619	0.641212	-1.55955
cg15469655	SUSD5	0.000891912	0.0130954	0.322558	-3.10022	0.0150256	3.00127	3.00127	0.744043	1.12802	1.12802	0.00141841	0.183059	-5.46273	6.35E-05	0.0668185	-14.9659
cg07008600	SUSD5	0.00954845	0.708628	1.06939	1.06939	0.00608139	1.89669	1.89669	0.024848	1.61168	1.61168	0.651873	1.08455	1.08455	0.141403	0.75381	-1.32659
cg17216807	SUSD5	0.0100659	0.0730682	0.572529	-1.74664	0.240167	1.40928	1.40928	0.158266	1.52316	1.52316	0.0575812	1.8204	1.8204	0.503383	1.20858	1.20858
cg25693769	SUSD5	0.010118	0.807573	1.0733	1.0733	0.131425	1.60332	1.60332	0.160838	1.54371	1.54371	0.0132281	2.43555	2.43555	0.118369	0.611727	-1.63472
cg04545136	SUSD5	0.0253092	0.131933	0.787808	-1.26935	0.407424	0.883119	-1.13235	0.111097	1.28993	1.28993	0.106153	0.77196	-1.2954	0.010582	0.624002	-1.60256
cg13747145	SUSD5	0.0302307	0.210652	1.45673	1.45673	0.00918243	2.56891	2.56891	0.0509761	1.88522	1.88522	0.0437275	1.93713	1.93713	0.876521	0.956621	-1.04535
cg09463233	SUSD5;SUSD5	0.00653765	0.125829	1.20027	1.20027	0.828541	1.02419	1.02419	0.00021063	1.97962	1.97962	0.0176881	1.37433	1.37433	0.247349	1.14259	1.14259
cg17734959	SUV39H1	0.000289627	0.105139	1.26507	1.26507	5.95E-05	0.373	-2.68096	0.00072059	0.504962	-1.98035	0.0049405	1.63942	1.63942	0.00180556	0.554735	-1.80266

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25537125	0.335604	1.39434	1.39434	0.00884055	3.0521	3.0521	0.0261343	2.41942	2.41942	0.805441	1.08613	1.08613	4.65784	8.2684	1.57792	1
cg10236239	0.321027	0.551582	-1.81297	0.0130815	0.167603	-5.96648	0.109497	0.36328	-2.7527	0.209198	0.463887	-2.1557	3.39894	18.1272	4.74063	1
cg17136384	0.155409	0.823505	-1.21432	0.0071546	1.55834	1.55834	0.0999702	0.794338	-1.25891	?	?	?	37.2795	8.56312	0.229701	1
cg18336878	0.00351115	0.194555	-5.13994	0.0150301	0.290573	-3.44147	0.620258	0.813403	-1.2294	0.0122874	0.275426	-3.63074	10.0201	27.1333	2.407	1
cg19774288	0.655295	1.30458	1.30458	0.000302635	0.0309475	-32.3128	0.72653	1.23094	1.23094	0.503752	0.66932	-1.49405	6.59201	36.557	4.92947	1
cg26574395	0.140494	0.256734	-3.89509	0.00389828	0.0357048	-28.0075	0.0240175	0.0994057	-10.0598	0.142396	0.258651	-3.86621	4.04443	47.1047	10.3527	1
cg19139729	1.18E-05	0.21149	-4.72836	0.000167206	0.341909	-2.92476	0.852215	1.03172	1.03172	0.000271784	0.368116	-2.71654	53.4198	21.0878	0.394756	1
cg22472023	0.00756039	0.237657	-4.20774	0.000663685	0.113104	-8.84144	0.00360302	0.192441	-5.19638	0.0467767	0.386	-2.59067	11.1731	30.9423	2.46166	1
cg15149098	0.0280664	0.493952	-2.02449	0.331073	0.761368	-1.31343	0.0128939	0.432005	-2.31479	0.0203082	0.467395	-2.13952	9.9474	11.6437	1.04047	1
cg24813180	0.0531963	0.738311	-1.35444	0.109965	1.27206	1.27206	0.338711	0.872661	-1.14592	0.841148	0.972664	-1.0281	6.27101	1.89468	0.268563	1
cg27586378	0.0508363	0.74745	-1.33788	0.0937008	0.785698	-1.27275	0.83158	0.972519	-1.02826	0.0955657	1.27069	1.27069	4.85835	1.31724	0.241003	1
cg20117369	0.279288	0.722308	-1.38445	0.544879	1.19389	1.19389	0.0214866	0.449867	-2.22288	0.0565697	0.535685	-1.86677	4.56823	6.05119	1.17744	1
cg05018821	0.149842	0.601475	-1.66258	0.175008	1.60795	1.60795	0.238002	0.665651	-1.50229	0.811135	1.08202	1.08202	3.97456	6.82484	1.52634	1
cg10262032	0.440052	0.604291	-1.65483	0.709519	0.787137	-1.27043	0.0131	0.139687	-7.15884	0.058917	0.255507	-3.91379	4.09905	26.564	5.76046	1
cg00698688	0.0507572	0.132773	-7.53163	0.00241041	0.0216191	-46.2555	0.0375886	0.1121	-8.92057	0.174502	0.269745	-3.70721	3.50715	45.7112	11.5855	1
cg10836392	0.0223208	0.327035	-3.05778	0.125108	0.507812	-1.96923	0.768951	0.886709	-1.12777	0.0987273	2.09386	2.09386	6.75567	17.828	2.34575	1
cg05472874	0.0470437	0.687815	-1.45388	0.00115955	0.455824	-2.19383	0.324359	0.845709	-1.18244	0.249864	1.21896	1.21896	6.50429	2.79269	0.381654	1
cg27501458	0.44401	1.1569	1.1569	0.239382	0.794447	-1.25874	0.878592	1.02896	1.02896	0.0597952	1.48688	1.48688	5.72738	3.1641	0.491068	1
cg10894483	0.0151559	0.696182	-1.43641	0.155541	0.831558	-1.20256	0.522475	1.08185	1.08185	0.533529	0.926314	-1.07955	4.91419	1.14664	0.207406	1
cg00570666	0.0256203	0.296646	-3.37103	0.00253936	0.146626	-6.82006	0.372148	0.657086	-1.52187	0.0178257	0.267121	-3.74362	4.26053	14.1736	2.95708	1
cg02571944	0.170749	1.29841	1.29841	0.00150676	2.26732	2.26732	0.591458	0.907558	-1.10186	0.468087	0.87619	-1.14131	15.27	7.75119	0.451208	1
cg02063370	2.42E-05	0.339741	-2.94342	0.125544	1.23716	1.23716	0.00913784	1.52968	1.52968	0.107939	0.798385	-1.25253	13.9919	3.65171	0.231988	1
cg02081305	0.0107534	0.31241	-3.20092	0.00054241	0.141987	-7.04291	0.207621	1.61992	1.61992	0.0147518	0.336417	-2.9725	10.538	21.9953	1.85532	1
cg00841141	0.498863	1.07473	1.07473	0.00036216	1.82247	1.82247	0.882457	1.01565	1.01565	0.658174	0.954334	-1.04785	9.00203	1.57108	0.155134	1
cg05538887	0.244214	1.23664	1.23664	0.279586	1.21649	1.21649	0.228076	1.24678	1.24678	0.11151	0.739196	-1.35282	7.69802	3.7055	0.427874	1
cg11793168	0.744893	0.946437	-1.05659	0.483128	1.12769	1.12769	0.750966	0.94773	-1.05515	0.0538152	0.691315	-1.44652	6.61184	2.97711	0.40024	1
cg26059219	0.0178735	1.21468	1.21468	0.000559922	0.696617	-1.43551	6.31E-05	0.607988	-1.64477	0.0273451	0.838294	-1.1929	38.9593	2.81659	0.0642627	1
cg02750728	0.00196038	0.289026	-3.4599	3.72E-05	0.105621	-9.46786	0.0581252	0.544819	-1.83547	0.000438082	0.206922	-4.83273	23.1463	29.4802	1.13213	1
cg07911463	?	?	?	0.0508348	0.519978	-1.92316	0.207973	0.680142	-1.47028	0.000378057	0.170326	-5.8711	13.4841	15.4115	1.00007	1
cg00725388	0.0227295	1.2583	1.2583	0.622656	1.04268	1.04268	0.000463949	1.59052	1.59052	0.132877	0.872289	-1.14641	10.701	1.20341	0.0999623	1
cg14525886	0.53298	1.1441	1.1441	0.207772	1.32733	1.32733	0.047589	1.62097	1.62097	0.355902	1.22439	1.22439	7.51662	5.41047	0.639822	1
cg18847227	0.0426562	0.382877	-2.61181	0.00420065	0.206521	-4.84212	0.00400958	0.2038	-4.90676	0.0325021	0.357145	-2.79998	6.89506	18.4808	2.38249	1
cg06786630	0.0970311	0.398446	-2.50975	0.00175752	0.10518	-9.50751	0.00463817	0.149168	-6.70384	0.107185	0.411306	-2.43128	5.94409	24.0294	3.59339	1
cg16643090	0.120914	0.810356	-1.23403	0.0382343	0.740609	-1.35024	0.0111582	0.671869	-1.48839	0.129629	1.22718	1.22718	4.35087	1.07718	0.220069	1
cg05635712	0.86576	0.975177	-1.02545	0.109717	0.771783	-1.2957	0.368455	0.871761	-1.1471	0.158511	1.251	1.251	3.92746	1.37292	0.310728	1
cg11108137	0.0282855	0.438096	-2.2826	0.0154991	0.388158	-2.57627	0.0214662	0.414575	-2.41211	0.0851903	0.54523	-1.83409	3.9227	6.31059	1.42999	1
cg18110822	0.114061	0.35053	-2.85282	0.0101243	0.138298	-7.23077	0.00485514	0.102537	-9.75257	0.0852248	0.313351	-3.19131	3.78413	22.2882	5.23548	1
cg13153834	0.275661	1.15242	1.15242	0.0734998	0.779101	-1.28353	0.0121397	0.676335	-1.47856	0.299588	1.14394	1.14394	13.2081	3.2734	0.220295	1
cg13548164	0.0207763	0.714787	-1.39902	0.505691	0.921761	-1.08488	0.209815	1.17286	1.17286	0.00699829	0.656554	-1.5231	6.69293	1.54268	0.204883	1
cg05055703	0.00534059	0.301624	-3.31539	9.55E-05	0.103449	-9.66659	0.129686	1.70691	1.70691	0.0145369	0.374116	-2.67297	9.59328	16.2077	1.50176	1
cg18948435	0.144247	0.747809	-1.33724	0.194032	1.28991	1.28991	0.732629	0.938443	-1.06559	0.856559	1.03409	1.03409	6.36742	3.4615	0.483224	1
cg18309752	0.633702	1.39766	1.39766	0.462426	1.68487	1.68487	0.0342862	5.59707	5.59707	0.160183	2.84751	2.84751	4.892	37.6827	6.84704	1
cg08267047	0.70463	1.06843	1.06843	0.0537446	0.683413	-1.46325	0.0877577	1.38753	1.38753	0.125404	0.749568	-1.3341	4.49158	2.14875	0.425239	1
cg04194457	0.00478035	0.470202	-2.12674	0.185273	1.32715	1.32715	0.860272	1.03614	1.03614	0.0667584	0.660926	-1.51303	4.70937	3.02761	0.571459	1
cg07686859	0.552589	1.1386	1.1386	0.00325594	2.37932	2.37932	0.947716	0.985931	-1.01427	0.412653	0.834467	-1.19837	3.52354	2.60488	0.657135	1
cg21879233	0.0363577	0.805897	-1.24085	0.687752	1.03649	1.03649	0.154685	0.873622	-1.14466	0.00928431	1.34013	1.34013	4.71281	0.587202	0.110753	1
cg22114264	0.0251078	1.33187	1.33187	0.0298867	0.759682	-1.31634	0.657957	0.953201	-1.0491	0.0932632	0.819875	-1.2197	3.5833	0.656676	0.162898	1
cg07712267	0.72356	0.948669	-1.05411	0.0379766	1.42902	1.42902	0.828173	0.968262	-1.03278	0.11065	0.77265	-1.29425	4.56223	1.59081	0.309948	1
cg24564491	0.145569	1.67669	1.67669	0.000158684	8.46396	8.46396	0.00257996	3.98152	3.98152	0.0549101	2.05436	2.05436	11.5811	20.063	1.5399	1
cg00231945	0.865621	0.925454	-1.08055	0.00158771	7.95303	7.95303	0.00908176	4.55586	4.55586	0.305823	1.62415	1.62415	3.97126	13.1592	2.94542	1
cg24069221	0.697051	0.921999	-1.0846	0.0034484	0.438474	-2.28063	0.392945	0.833882	-1.19921	0.0682141	0.654505	-1.52787	6.50309	4.43806	0.606626	1
cg24873202	0.669564	0.895064	-1.11724	0.000455083	0.240176	-4.1636	0.732918	1.09249	1.09249	0.137944	0.661978	-1.51062	10.0797	10.6465	0.938874	1
cg03609427	0.00276714	0.348138	-2.87242	0.00282285	0.349406	-2.862	0.0304496	0.521927	-1.91598	0.151374	0.675025	-1.48143	6.47179	6.69861	0.920042	1
cg07298482	0.0251928	0.473061	-2.11389	0.0189929	0.449969	-2.22237	0.220863	0.696362	-1.43603	0.00127441	0.266771	-3.74853	6.05887	7.58699	1.11308	1
cg01388054	0.0221524	0.264909	-3.77489	0.00626455	0.178169	-5.61264	0.0944978	0.410596	-2.43548	0.0240715	0.271697	-3.68057	5.51906	20.5014	3.30192	1
cg12302812	0.0317248	0.549823	-1.81877	0.000763581	0.297791	-3.35806	0.0679609	0.615301	-1.62522	0.304402	0.776718	-1.28747	5.45445	4.87527	0.794501	1
cg05073901	0.0150987	0.256501	-3.89862	0.00281287	0.153292	-6.52348	0.0529314	0.367028	-2.72459	0.0278098	0.305807	-3.27004	4.87513	16.0313	2.92301	1
cg22796922	0.961356	0.958686	-1.04309	0.00732084	20.306	20.306	0.00944385	17.5408	17.5408	0.115075	4.44597	4.44597	4.81468	57.8207	10.6749	1
cg23509098	0.00957724	0.178551	-5.60065	0.000634794	0.0635242	-15.742	0.019525	0.227089	-4.40356	0.0143564	0.204903	-4.88035	7.59702	33.1889	3.88326	1
cg05822022	0.738668	1.03635	1.03635	0.000140113	2.01622	2.01622	0.366255	1.10406	1.10406	0.0183768	1.35677	1.35677	27.9512	5.03492	0.160118	1
cg21554249	0.0678249	1.52986	1.52986	0.02227	0.565848	-1.76726	5.94E-06	8.27324	8.27324	0.440751	1.17752	1.17752	15.9917	10.9424	0.608226	1
cg22580629	0.281062	0.886099	-1.12854	0.00430718	0.662336	-1.50981	0.59585	1.05948	1.05948	0.552467	0.937192	-1.06702	15.7382	2.9038	0.164006	1
cg16853842	0.345673	0.882241	-1.13348	3.26E-05	0.352867	-2.83393	0.340822	0.881057	-1.135	0.0909612	1.27152	1.27152	10.0793	2.6567	0.234294	1
cg06495347	0.174538	0.593687	-1.68439	0.000829191	0.162477	-6.15472	0.0311673	0.401311	-2.49183	0.034891	0.411631	-2.42936	5.2188	10.773	1.83491	1
cg03532253	0.00675354	0.336296	-2.97357	0.016843	0.404525	-2.47204	0.195965	1.52864	1.52864	0.197501	0.655235	-1.52617	4.42215	6.74534	1.35587	1
cg19627869	0.617635	0.953245	-1.04905	0.0104347	1.35904	1.35904	0.424147	1.08076	1.08076	0.00143912	1.55011	1.55011	6.57474	0.942568	0.127433	1
cg08380284	0.00367883	1.30356	1.30356	0.000647609	1.42367	1.42367	0.213839	0.915422	-1.09239	0.581698	1.03828	1.03828	15.0554	1.08694	0.0641739	1
cg13008879	0.00493338	0.247662	-4.03776	0.0474475	0.427455	-2.33943	0.00668997	0.267536	-3.73782	0.00547956	0.254387	-3.93102	12.3201	27.4106	1.97766	1
cg11120865	0.867169	1.03682	1.03682	0.0128645	0.51318	-1.94863	0.0487771	0.615047	-1.62589	0.86247	0.963243	-1.03816	11.4013	8.42343	0.656723	1
cg09249611	0.0710694	0.447746	-2.23341	0.000571895	0.119391	-8.37584	0.122881	0.513703	-1.94665	0.00185172	0.171882	-5.81793	8.7644	22.0425	2.23556	1
cg10208821	0.000732195	0.341896	-2.92487	0.00100993	0.360564	-2.77343	0.248767	0.77718	-1.2867	0.323963	0.808154	-1.23739	8.67488	6.00695	0.615514	1
cg06730555	0.0136905	0.517328	-1.93301	0.978938	1.00572	1.00572	0.40927	0.833233	-1.20014	0.607841	0.89414	-1.11839	5.61693	4.15738	0.657912	1
cg05296566	0.414256	0.656257	-1.52379	0.0862681	0.384234	-2.60258	0.726709	0.837706	-1.19374	0.00849154	0.183515	-5.44914	4.78775	19.3136	3.58574	1
cg18484300	0.470479	0.593152	-1.68591	0.00417548	0.0651743	-15.3435	0.178026	0.361261	-2.76808	0.0225906	0.143341	-6.97639	3.59136	28.7866	7.12488	1
cg17348667	0.00352661	0.524057	-1.90819	7.87E-06	0.17501	-5.71396	0.172826	1.25559	1.25559	0.0736944	1.37044	1.37044	25.093	9.3945	0.29119	1
cg19387006	0.125233	0.666703	-1.49992	0.0225378	1.94925	1.94925	0.230278	1.36	1.36	0.0540666	1.70604	1.70604	6.65966	6.29519	0.840242	1
cg15587018	7.59E-06	8.44256	8.44256	0.72702	1.07895	1.07895	0.301215	0.792753	-1.26143	0.0636077	0.636249	-1.57171	15.318	11.4044	0.661784	1
cg02705792	0.033822	1.38592	1.38592	0.000794766	1.9491	1.9491	0.0627918	1.31749	1.31749	0.000109274	0.407608	-2.45333	15.2903	4.20053	0.244195	1
cg01946401	0.0673963	0.520722	-1.92041	0.242846	0.677643	-1.4757	0.635681	1.1641	1.1641	0.0584835	0.506296	-1.97513	4.65797	7.47852	1.42714	1
cg04018534	0.00638564	0.693324	-1.44233	4.54E-06	0.337153	-2.96601	0.240291	1.13528	1.13528	0.00174106	0.630816	-1.58525	20.2055	3.40811	0.149931	1
cg20933293	0.0670674	0.671107	-1.49008	0.279543	0.80377	-1.24414	0.733913	1.06854	1.06854	0.506676	0.877297	-1.13986	4.09876	2.45096	0.531534	1
cg14996805	0.842867	0.965168	-1.03609	0.423689	1.15715	1.15715	0.847367	1.03502	1.03502	0.614012	1.0951	1.0951	3.83611	1.93869	0.449226	1
cg01726854	0.0702028	0.285762	-3.49941	0.18525	2.3855	2.3855	0.0293776	0.204354	-4.89346	0.0206501	0.178203	-5.61159	3.4618	20.9976	5.39156	1
cg17899476	0.00431721	0.449627	-2.22406	0.000268696	0.285808	-3.49885	0.00211514	2.47279	2.47279	0.0786712	0.664211	-1.50555	15.2863	10.6263	0.61791	1
cg15098957	0.033983	0.180081	-5.55305	0.00155624	0.0428371	-23.3442	0.0673518	0.241748	-4.13653	0.0913803	0.275901	-3.62448	5.22699	39.7167	6.75411	1
cg15701419	0.119521	0.749133	-1.33488	0.000250825	0.356068	-2.80845	0.201848	1.25915	1.25915	0.0746846	0.712138	-1.40422	9.07848	4.20363	0.411584	1
cg07175191	0.106732	0.579397	-1.72593	0.00313633	0.286076	-3.49557	0.0867832	0.556457	-1.79708	0.0614327	0.520491	-1.92126	8.03374	12.2189	1.35195	1
cg13045611	0.475626	0.89023	-1.1233	0.018697	0.633292	-1.57905	0.107665	0.754717	-1.325	0.553164	0.90832	-1.10093	6.61528	2.69188	0.361705	1
cg11553177	0.283415	0.893204	-1.11956	0.000569976	0.582302	-1.71732	0.226937	0.879366	-1.13718	0.0693108	1.22866	1.22866	5.20114	0.845949	0.144575	1
cg07042338	0.0690898	0.250174	-3.99722	0.00555518	0.0836045	-11.9611	0.0915983	0.282118	-3.54461	0.22525	0.41995	-2.38123	3.91739	28.7908	6.53289	1
cg01993166	0.0649626	1.45355	1.45355	0.113908	0.733161	-1.36396	0.0850942	0.709219	-1.41	0.83816	0.963764	-1.0376	3.84239	1.98206	0.458523	1
cg22553461	0.0421367	1.63592	1.63592	0.00545782	0.463768	-2.15625	0.751941	1.06893	1.06893	0.728148	1.07612	1.07612	3.72804	2.60942	0.622172	1
cg01904169	0.092809	0.54404	-1.8381	5.32E-05	0.0834786	-11.9791	0.100521	1.80792	1.80792	0.0147165	0.372219	-2.68659	10.3173	17.704	1.52529	1
cg01289544	0.0156828	0.213004	-4.69474	0.0113855	0.191287	-5.22775	0.0418673	0.293887	-3.40267	0.950462	0.96808	-1.03297	3.47324	14.9966	3.838	1
cg01071279	0.887295	0.965454	-1.03578	0.465375	0.83178	-1.20224	0.0197798	0.497721	-2.00916	0.0533939	1.72287	1.72287	22.5315	21.9323	0.86525	1
cg27151651	0.0289329	0.818029	-1.22245	7.37E-05	0.57009	-1.75411	0.331075	1.08135	1.08135	0.0177768	1.25203	1.25203	14.0593	1.35437	0.0856292	1
cg13409216	0.0873095	1.25107	1.25107	0.000858966	0.552137	-1.81115	0.112366	0.81456	-1.22766	0.884992	0.982973	-1.01732	8.05452	1.79614	0.19822	1
cg05111829	0.0215641	0.619702	-1.61368	0.895826	1.02297	1.02297	0.206489	1.25989	1.25989	0.263589	0.817042	-1.22393	5.92696	2.82197	0.423222	1
cg06376599	0.990303	0.998625	-1.00138	0.00286996	0.628522	-1.59103	0.541098	1.07256	1.07256	0.772567	1.03336	1.03336	5.49828	1.11634	0.180476	1
cg01437577	0.0852066	0.673941	-1.48381	0.000398201	0.310753	-3.21799	0.328339	1.2327	1.2327	0.172597	1.35121	1.35121	5.43252	3.69957	0.605337	1
cg13454524	0.530539	0.808957	-1.23616	0.0157097	0.372333	-2.68577	0.944605	1.02346	1.02346	0.122357	0.571949	-1.74841	3.7634	6.63708	1.56763	1
cg24770292	0.683796	1.04366	1.04366	0.133662	0.844669	-1.1839	0.831758	0.978044	-1.02245	0.0082053	1.42323	1.42323	4.73125	0.815973	0.153302	1
cg14651705	0.0102235	0.268865	-3.71933	0.00170978	0.162555	-6.15175	0.579297	0.796762	-1.25508	0.14656	0.531427	-1.88173	4.70448	12.2634	2.31711	1
cg25307641	0.0822985	0.446404	-2.24013	0.193565	0.561889	-1.77971	0.00437622	0.202944	-4.92747	0.0229421	0.319786	-3.1271	5.95156	16.5504	2.47187	1
cg17083853	0.670025	1.18068	1.18068	0.184751	0.579808	-1.72471	0.579485	0.805019	-1.24221	0.82832	1.08779	1.08779	4.0394	9.60543	2.11372	1
cg14055887	0.00247352	0.22923	-4.36244	0.003039	0.241342	-4.1435	0.79718	0.91379	-1.09434	0.335538	0.706356	-1.41572	6.22046	12.0728	1.72518	1
cg01790274	0.0867421	0.420341	-2.37902	0.00329873	0.159801	-6.25778	0.697121	1.19624	1.19624	0.0155143	0.256655	-3.89628	5.79661	19.268	2.95468	1
cg14379462	0.333231	0.802539	-1.24605	0.000504057	0.30166	-3.31499	0.748608	1.07343	1.07343	0.0393414	0.591317	-1.69114	4.34656	3.34368	0.683796	1
cg14071947	0.64163	1.12062	1.12062	0.0266948	1.89258	1.89258	0.185306	1.40673	1.40673	0.285219	1.30954	1.30954	4.08076	3.81492	0.830981	1
cg00605775	0.399879	0.734408	-1.36164	0.00629058	0.246542	-4.05611	0.192946	1.64806	1.64806	0.076484	2.07114	2.07114	4.68834	8.92187	1.26866	1
cg01832218	0.00112114	0.281428	-3.55331	0.00556541	0.381963	-2.61806	0.98279	0.994316	-1.00572	0.00204785	0.31718	-3.15279	9.65703	10.6821	0.983239	1
cg13616427	0.00857177	0.636251	-1.57171	0.531521	0.918089	-1.08922	0.0813021	0.770612	-1.29767	0.00096397	0.515439	-1.94009	7.60469	2.18994	0.255975	1
cg14611684	0.013824	0.363061	-2.75435	0.217443	1.54049	1.54049	0.285771	0.691302	-1.44655	0.017807	0.383137	-2.61003	5.31806	9.34012	1.56116	1
cg13775310	0.989598	1.00235	1.00235	0.000947327	0.41219	-2.42607	0.0788538	0.704031	-1.42039	0.0532849	1.48411	1.48411	7.59697	3.89078	0.455244	1
cg04230060	0.44824	0.84689	-1.18079	0.0244168	1.78002	1.78002	0.105259	0.683463	-1.46314	0.061757	1.57205	1.57205	7.24385	5.3044	0.6509	1
cg14038618	0.406082	1.07401	1.07401	0.00706278	1.33973	1.33973	0.1394	1.14296	1.14296	0.0303017	0.807413	-1.23852	6.8424	0.764718	0.0993438	1
cg13873269	0.315694	0.751412	-1.33083	0.0453864	1.88195	1.88195	0.938238	1.02158	1.02158	0.0805788	1.70558	1.70558	6.20733	7.46147	1.06848	1
cg14195117	0.0306485	0.302242	-3.3086	0.0387562	0.32379	-3.08842	0.195496	0.524625	-1.90612	0.02765	0.293219	-3.41042	4.4995	15.8207	3.12543	1
cg15013830	0.00661966	0.508593	-1.96621	0.361202	0.835241	-1.19726	0.307283	0.81651	-1.22472	0.051193	0.653184	-1.53096	13.9627	8.1358	0.517937	1
cg20894457	0.0585707	0.5541	-1.80473	0.00207861	0.301935	-3.31197	0.197343	0.686227	-1.45724	0.0117552	0.419142	-2.38583	7.13773	8.63052	1.07479	1
cg12473943	0.680851	1.12129	1.12129	0.837791	0.944837	-1.05838	0.838723	0.945151	-1.05803	0.209589	0.693464	-1.44204	4.09865	4.97394	1.07872	1
cg06311355	0.666554	1.19883	1.19883	0.0164178	3.41032	3.41032	0.466769	1.36315	1.36315	0.342307	1.50577	1.50577	3.69119	10.231	2.46376	1
cg13931896	0.00552023	0.389158	-2.56965	0.00609917	2.52523	2.52523	0.379112	0.791771	-1.26299	0.576389	1.15725	1.15725	4.31685	4.57776	0.942614	1
cg23660064	0.491633	1.14053	1.14053	0.0136769	1.77544	1.77544	0.873123	0.970363	-1.03054	0.484064	0.8747	-1.14325	6.83972	3.83887	0.498899	1
cg25743622	0.124004	0.44748	-2.23474	0.00460877	0.162007	-6.17257	0.0092318	0.202868	-4.92931	0.103054	0.422787	-2.36526	3.61741	13.351	3.28069	1
cg14096207	0.354498	0.464865	-2.15116	0.00416784	0.0456039	-21.9279	0.72255	0.750746	-1.33201	0.0493501	0.164656	-6.07327	3.5891	36.7598	9.10404	1
cg21447550	0.833	0.982871	-1.01743	0.0333564	0.815893	-1.22565	0.913128	1.00897	1.00897	0.384915	0.9297	-1.07562	9.43248	1.00023	0.0942589	1
cg15100599	0.298092	0.880941	-1.13515	0.000162918	0.469508	-2.12989	0.387368	1.10974	1.10974	0.445263	1.09576	1.09576	6.19662	1.35554	0.194449	1
cg09416903	0.523806	0.837116	-1.19458	0.440331	1.2418	1.2418	0.00124665	0.27312	-3.6614	0.321688	0.754467	-1.32544	6.09042	7.30508	1.06617	1
cg12770149	0.53537	1.06771	1.06771	0.00313736	0.656052	-1.52427	0.51049	1.07216	1.07216	0.164349	1.16751	1.16751	4.87948	0.84198	0.153383	1
cg07605211	0.180493	0.717152	-1.3944	0.0505511	0.593963	-1.68361	0.0271771	1.84273	1.84273	0.713959	0.917533	-1.08988	4.20779	3.64241	0.769452	1
cg08892600	0.493461	0.831619	-1.20247	0.000988464	0.273122	-3.66137	0.208296	0.70349	-1.42149	0.709574	0.905577	-1.10427	4.04174	4.49935	0.989529	1
cg13791188	0.160319	0.511024	-1.95686	0.0553028	0.378195	-2.64414	0.0734154	0.409249	-2.4435	0.0143012	0.258717	-3.86522	3.8004	12.0575	2.82017	1
cg15469655	0.0384042	0.413936	-2.41583	0.506297	0.780408	-1.28138	0.25946	1.54117	1.54117	0.0534716	0.446436	-2.23996	12.1537	26.0218	1.90317	1
cg07008600	0.509379	1.12706	1.12706	0.169412	0.76982	-1.299	0.00256657	2.11117	2.11117	0.0467037	0.66565	-1.50229	5.99846	3.03405	0.449604	1
cg17216807	0.0029656	0.320562	-3.11953	0.225788	1.42597	1.42597	0.609188	1.1547	1.1547	0.00495742	0.3542	-2.82327	5.89821	7.26989	1.09561	1
cg25693769	0.681604	1.12703	1.12703	0.0412672	0.505377	-1.97872	0.00119385	3.96178	3.96178	0.241434	0.700859	-1.42682	5.88847	7.83661	1.18297	1
cg04545136	0.00227155	0.534606	-1.87054	0.182386	0.812554	-1.23069	0.2326	0.832268	-1.20154	0.856772	1.02685	1.02685	4.33863	1.47829	0.302868	1
cg13747145	0.0345643	2.01961	2.01961	0.127669	0.62514	-1.59964	0.0633382	1.81405	1.81405	0.273606	0.722569	-1.38395	4.07573	5.25093	1.14519	1
cg09463233	0.678909	1.04694	1.04694	0.0424284	0.772939	-1.29376	0.273887	1.13369	1.13369	0.106217	1.21462	1.21462	6.75725	1.2998	0.170983	1
cg17734959	0.131455	1.24139	1.24139	0.0898346	1.28183	1.28183	0.0145751	0.670651	-1.49109	0.442135	0.901165	-1.10967	16.6093	4.63831	0.248231	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25845235	SUV39H1	0.00792517	0.153226	1.47978	1.47978	0.0920907	0.621808	-1.60821	0.00267286	0.345089	-2.8978	0.516081	1.18379	1.18379	0.000647425	0.261675	-3.82154	0.903377	0.96936	-1.03161	0.647089	1.12537	1.12537	0.360008	1.2727	1.2727	0.778743	0.93037	-1.07484	6.36293	6.61653	0.924316	1
cg23896253	SUV39H2	0.0010953	0.00578047	1.95929	1.95929	0.292732	0.81626	-1.2251	0.0279106	0.616807	-1.62125	0.022222	1.66495	1.66495	0.484711	0.876281	-1.14119	0.00162013	0.431555	-2.3172	0.00353693	2.08635	2.08635	0.00128516	2.39373	2.39373	0.0820113	1.43105	1.43105	11.4662	6.28232	0.487021	1
cg26125877	SUV39H2	0.00123937	0.21171	0.669912	-1.49273	0.14837	0.623707	-1.60332	0.00148914	0.247827	-4.03507	0.0509319	0.508094	-1.96814	0.000358867	0.174928	-5.71664	0.0233064	0.438024	-2.28298	9.33E-05	0.119749	-8.35078	0.551483	1.20137	1.20137	0.0699066	0.53949	-1.8536	11.0693	16.2551	1.30533	1
cg26354413	SUV39H2	0.00319403	0.237509	0.855097	-1.16946	0.0592563	1.30917	1.30917	0.11435	1.24266	1.24266	0.137955	0.817039	-1.22393	0.316162	1.14008	1.14008	0.640394	0.942219	-1.06132	0.000121866	0.427996	-2.33647	0.0386262	1.35394	1.35394	0.471271	1.09714	1.09714	8.40013	2.129	0.225287	1
cg11634248	SUV420H1	0.000771533	0.671048	0.901325	-1.10948	0.291025	0.766092	-1.30533	0.00216326	2.84877	2.84877	0.000302264	4.17258	4.17258	0.0117426	0.465118	-2.14999	0.0249891	0.522778	-1.91286	0.0758623	0.618506	-1.6168	0.00132124	3.11456	3.11456	0.205105	1.3842	1.3842	12.6604	11.8577	0.832526	1
cg25321114	SUV420H1	0.00229674	0.0104737	3.20424	3.20424	0.0217351	0.369483	-2.70648	0.0309383	0.400248	-2.49845	0.231987	1.57311	1.57311	0.00833136	0.295614	-3.38279	0.0110503	3.16413	3.16413	0.36046	0.711924	-1.40465	0.00145464	5.27063	5.27063	0.200005	1.63117	1.63117	9.25984	19.1563	1.83889	1
cg10082963	SUV420H1;SUV420H1	0.000901825	0.562622	0.935728	-1.06869	0.895801	0.985239	-1.01498	0.00563708	0.662113	-1.51032	0.349776	1.11542	1.11542	0.113513	0.822474	-1.21584	0.000148717	0.477201	-2.09555	0.0281038	1.34225	1.34225	0.0105728	1.44046	1.44046	0.00144113	0.592896	-1.68664	12.1158	2.47148	0.181323	1
cg04465784	SUV420H1;SUV420H1	0.00125326	0.020658	0.546346	-1.83034	0.00659248	2.14938	2.14938	0.400121	1.20542	1.20542	0.0370126	1.69102	1.69102	0.0926491	0.669399	-1.49388	0.0371122	1.6904	1.6904	0.286218	0.786448	-1.27154	7.27E-05	4.7883	4.7883	0.104122	1.47021	1.47021	11.0341	8.22204	0.662357	1
cg01225565	SUV420H1;SUV420H1	0.00224248	0.0148874	0.44801	-2.23209	7.59E-05	0.146019	-6.84843	0.00509724	0.370712	-2.69751	0.607042	0.870161	-1.14921	0.0312154	0.507767	-1.96941	0.198749	0.694837	-1.43919	0.00742138	0.396712	-2.52072	0.00408358	0.355875	-2.80998	0.200363	0.695846	-1.4371	9.32493	10.6145	1.01182	1
cg11287039	SUV420H1;SUV420H1	0.0174775	0.0233621	2.34133	2.34133	0.130598	1.66964	1.66964	0.179076	1.56542	1.56542	0.00758373	2.93969	2.93969	0.0112037	2.71258	2.71258	0.446376	1.27597	1.27597	0.962596	0.985383	-1.01483	0.0189154	0.409613	-2.44133	0.126038	1.68162	1.68162	4.92359	7.68767	1.38791	1
cg17166288	SUV420H1;SUV420H1	0.0205017	0.995415	1.00163	1.00163	0.115185	0.614806	-1.62653	0.0129037	2.40294	2.40294	0.110626	1.63842	1.63842	0.066143	0.556887	-1.7957	0.804678	0.932048	-1.07291	0.0608008	0.548661	-1.82262	0.00903932	0.389678	-2.56622	0.341157	1.32125	1.32125	4.66507	5.95964	1.13556	1
cg17186428	SUV420H1;SUV420H1	0.0209036	0.0384836	0.182979	-5.4651	0.005441	0.0749835	-13.3363	0.02634	0.154758	-6.4617	0.77175	0.813803	-1.2288	0.011395	0.10609	-9.426	0.0921377	0.268953	-3.71813	0.00751693	0.0874398	-11.4364	0.731132	0.783228	-1.27677	0.0274579	0.157637	-6.34369	4.6343	36.8273	7.06372	1
cg12365681	SUV420H1;SUV420H1	0.0474387	0.23937	0.839076	-1.19179	0.0116772	1.56637	1.56637	0.978753	1.0038	1.0038	0.0881216	0.764915	-1.30733	0.0308148	1.43497	1.43497	0.153733	0.804537	-1.24295	0.896689	0.981671	-1.01867	0.121715	1.26986	1.26986	0.615744	1.07472	1.07472	3.45629	1.11005	0.285482	1
cg23046897	SUV420H2	0.00114212	0.00879881	1.73032	1.73032	0.0782223	0.725006	-1.3793	0.746803	1.05469	1.05469	0.0913351	1.35746	1.35746	0.000168779	0.349258	-2.86321	0.710915	0.940647	-1.0631	0.116544	1.32351	1.32351	0.00235909	2.00817	2.00817	0.0233754	1.56089	1.56089	11.3304	4.84757	0.3803	1
cg04960951	SUV420H2	0.00261714	0.00378431	0.571421	-1.75002	0.815985	0.967159	-1.03396	0.0404338	1.40363	1.40363	0.573645	0.921784	-1.08485	0.524563	1.09677	1.09677	0.00229771	0.543131	-1.84118	0.059389	1.35643	1.35643	0.0129316	1.55579	1.55579	0.00439668	1.72417	1.72417	8.91101	2.89599	0.288881	1
cg22369252	SUV420H2	0.0428332	0.650705	1.22008	1.22008	0.567242	1.28707	1.28707	0.517922	1.33117	1.33117	0.0597213	0.395651	-2.52748	0.147979	0.507982	-1.96858	0.657965	1.21463	1.21463	0.018416	3.48311	3.48311	0.122308	2.07669	2.07669	0.0104324	4.0845	4.0845	3.59104	10.8314	2.6811	1
cg08150470	SUV420H2;SUV420H2	0.0217627	0.00106962	0.13717	-7.29022	0.225662	1.68692	1.68692	0.124549	1.98061	1.98061	0.11877	0.498643	-2.00544	0.314592	0.652222	-1.53322	0.377231	0.689108	-1.45115	?	?	?	0.525099	1.30298	1.30298	0.627477	0.817938	-1.22259	4.65272	11.0622	2.37758	1
cg17335595	SUZ12	0.00118411	0.0173355	2.0615	2.0615	0.373613	0.801073	-1.24833	0.157669	1.44664	1.44664	?	?	?	0.111824	0.654139	-1.52873	3.63E-05	0.11607	-8.61552	0.136802	0.675586	-1.4802	0.81564	0.945058	-1.05814	0.617519	0.885211	-1.12967	13.8731	11.1863	0.705537	1
cg16061561	SUZ12	0.0283043	0.483195	0.782894	-1.27731	0.014505	2.81347	2.81347	0.00633359	3.39013	3.39013	0.139584	1.7264	1.7264	0.0410397	0.44495	-2.24744	0.117666	1.79253	1.79253	0.602771	1.19762	1.19762	0.481074	0.781934	-1.27888	0.840899	0.933294	-1.07147	4.17186	7.7946	1.66078	1
cg07482957	SUZ12;SUZ12	0.00212972	0.00101457	0.57493	-1.73934	0.0825551	0.803869	-1.24398	0.887901	1.01614	1.01614	0.0238697	0.736315	-1.35811	0.000298463	0.512608	-1.95081	0.0961851	0.812675	-1.2305	0.00803613	0.680064	-1.47045	0.205816	1.16362	1.16362	0.118349	1.21229	1.21229	9.46672	1.93285	0.181487	1
cg04114141	SUZ12P	0.00118303	0.0241911	0.555295	-1.80084	5.21E-05	0.190886	-5.23872	0.00915883	0.484596	-2.06357	0.194044	1.35088	1.35088	0.0228487	0.550951	-1.81504	0.861309	1.03902	1.03902	0.0572569	0.624505	-1.60127	0.031594	1.73619	1.73619	0.0519184	0.61625	-1.62272	11.2173	8.51159	0.674482	1
cg27612695	SUZ12P	0.00837166	0.685501	0.975374	-1.02525	0.4115	0.949871	-1.05277	0.491752	1.04369	1.04369	0.0118527	1.21216	1.21216	0.620234	0.969872	-1.03106	0.179682	1.0912	1.0912	0.000693669	0.728322	-1.37302	0.146419	1.10018	1.10018	0.0478965	1.14857	1.14857	6.254	0.371509	0.0528031	1
cg22983677	SUZ12P	0.00903602	0.496368	1.04761	1.04761	0.0765283	1.1419	1.1419	0.365282	1.06466	1.06466	0.000462732	1.44927	1.44927	0.769814	1.01996	1.01996	0.994071	1.0005	1.0005	0.212244	0.915308	-1.09253	0.0398635	0.852134	-1.17352	0.0682984	0.871554	-1.14738	6.10463	0.438576	0.0638606	1
cg11085602	SV2A;SV2A	0.00676745	0.192862	1.17586	1.17586	0.0594402	1.28416	1.28416	0.639763	1.05698	1.05698	0.151689	1.19788	1.19788	0.00676719	0.661909	-1.51078	0.0276297	1.35816	1.35816	0.368004	0.897002	-1.11483	0.000737113	1.82711	1.82711	0.933519	1.00986	1.00986	6.6851	1.46306	0.194537	1
cg04927502	SV2A;SV2A	0.0215427	0.408118	0.692321	-1.44442	0.0454313	0.36892	-2.71061	?	?	?	0.555572	1.29575	1.29575	0.649026	1.22033	1.22033	0.281775	1.62599	1.62599	0.00254905	0.162143	-6.16739	0.053199	0.384972	-2.59759	0.10015	2.18771	2.18771	4.66908	12.4142	2.6588	1
cg19374176	SV2B;SV2B	3.02E-06	0.00701895	0.858226	-1.16519	0.0554549	0.909181	-1.09989	1.01E-07	0.468817	-2.13303	0.00358702	0.841145	-1.18886	0.000344831	0.776756	-1.2874	0.0020661	0.826718	-1.2096	2.56E-06	0.60752	-1.64604	4.67E-06	0.631076	-1.58459	0.0705142	0.91516	-1.0927	55.243	1.68316	0.0270829	1
cg18144285	SV2B;SV2B	9.14E-05	0.00826849	1.79268	1.79268	0.00403388	1.94954	1.94954	0.000709668	2.43886	2.43886	0.51898	1.11964	1.11964	0.00310153	0.496878	-2.01257	0.958883	1.00895	1.00895	0.000549287	0.395494	-2.52848	1.45E-05	4.75201	4.75201	0.440043	0.872748	-1.14581	22.678	10.7307	0.420601	1
cg08326075	SV2B;SV2B	0.000218199	0.00181272	3.84817	3.84817	0.795381	0.924066	-1.08217	0.822299	0.933929	-1.07075	0.531272	0.824721	-1.21253	0.00381515	0.305614	-3.2721	0.452964	0.792689	-1.26153	0.117644	0.596673	-1.67596	6.79E-06	20.7884	20.7884	0.625469	0.861152	-1.16123	17.942	26.2393	1.29996	1
cg12637309	SV2B;SV2B	0.000634828	0.104032	0.748312	-1.33634	0.788689	0.957126	-1.04479	1.65E-05	0.235556	-4.24527	0.00901035	0.58179	-1.71883	0.00039991	0.398984	-2.50637	0.222941	0.811471	-1.23233	0.0230256	0.641808	-1.5581	0.00842773	0.577628	-1.73122	0.0449167	0.686976	-1.45565	13.3716	5.63538	0.374616	1
cg23204239	SV2B;SV2B	0.000991285	0.93876	0.971277	-1.02957	0.736396	0.879726	-1.13672	0.000774369	0.145183	-6.88788	0.0668903	0.458814	-2.17953	0.0372024	0.399566	-2.50272	0.514985	0.77848	-1.28456	0.0440805	0.415866	-2.40462	2.29E-05	0.0401801	-24.8879	0.0133982	0.312985	-3.19504	11.7958	26.8747	2.02519	1
cg12476052	SV2B;SV2B	0.00125779	0.818664	0.963788	-1.03757	0.781635	1.04564	1.04564	0.000377315	0.401455	-2.49094	0.294618	0.839808	-1.19075	0.314582	0.846173	-1.18179	0.0678683	0.72002	-1.38885	0.000179528	0.361035	-2.76981	0.000354732	0.398052	-2.51224	0.311353	0.845163	-1.1832	11.0227	4.50343	0.363165	1
cg05330604	SV2B;SV2B	0.00233777	0.0394449	0.440605	-2.2696	0.437682	0.761575	-1.31307	0.00136125	0.202004	-4.9504	0.0423409	0.447329	-2.23549	0.00810673	0.311516	-3.2101	0.389481	0.738306	-1.35445	0.000137279	0.10344	-9.66746	0.00217644	0.227741	-4.39095	0.0797144	0.512191	-1.9524	9.21189	17.2682	1.66628	1
cg22722028	SV2B;SV2B	0.00333955	0.0102138	0.468048	-2.13653	0.190624	0.722601	-1.38389	0.000510054	0.280124	-3.56985	0.784061	1.06652	1.06652	0.00500447	0.418661	-2.38857	0.00827495	0.453133	-2.20686	0.00198751	0.359241	-2.78364	0.065465	0.615873	-1.62371	0.00627202	0.433941	-2.30446	8.28927	7.21531	0.773725	1
cg08687449	SV2B;SV2B	0.00680014	0.0127939	0.537637	-1.85999	0.0643646	1.51746	1.51746	0.00635821	2.0397	2.0397	0.296868	1.2424	1.2424	0.0507168	0.639698	-1.56324	0.0062501	0.489136	-2.04442	0.197995	0.761061	-1.31396	0.0943916	0.69143	-1.44628	0.282967	1.25092	1.25092	6.67508	4.25754	0.566956	1
cg19438750	SV2B;SV2B	0.0102875	0.131368	0.561216	-1.78185	0.85758	0.938281	-1.06578	0.00717064	0.291956	-3.42517	0.0094355	0.311348	-3.21184	0.0526073	0.457737	-2.18466	0.0162989	0.352867	-2.83393	0.000824453	0.167509	-5.96984	0.0249448	0.38818	-2.57612	0.256322	0.656912	-1.52227	5.85722	11.6674	1.77063	1
cg15501674	SV2B;SV2B	0.0112926	0.179551	0.674244	-1.48314	0.620868	1.14781	1.14781	0.000169522	0.170581	-5.86232	0.245766	0.714869	-1.39886	0.044666	0.528687	-1.89148	0.515044	0.833163	-1.20025	0.735964	0.910666	-1.0981	0.13238	0.638266	-1.56675	0.920933	1.02783	1.02783	5.68418	6.88252	1.07628	1
cg18750433	SV2B;SV2B	0.0164649	0.430588	0.776054	-1.28857	0.0123677	2.66823	2.66823	0.455822	0.78713	-1.27044	0.763632	1.09971	1.09971	0.00866773	0.348387	-2.87037	0.969727	0.988112	-1.01203	0.655809	1.15185	1.15185	0.00388877	3.40484	3.40484	0.225847	1.49303	1.49303	5.02285	7.90057	1.39816	1
cg03940484	SV2B;SV2B	0.01949	0.0303271	0.304348	-3.28571	0.00112641	0.106471	-9.39219	0.12463	0.459879	-2.17448	0.560964	0.759814	-1.31611	0.0292962	0.301293	-3.31903	0.262627	0.579432	-1.72583	0.0088987	0.211139	-4.73621	0.769288	0.871603	-1.14731	0.0549223	0.36166	-2.76503	4.74598	16.4091	3.07332	1
cg25475171	SV2B;SV2B	0.024457	0.567973	0.882349	-1.13334	0.929128	1.01948	1.01948	0.916051	0.977393	-1.02313	0.125096	0.697659	-1.43336	0.516821	1.15319	1.15319	0.336302	0.806543	-1.23986	0.000744237	0.329471	-3.03517	0.0599301	1.58455	1.58455	0.690801	0.916947	-1.09058	4.3906	3.27029	0.66208	1
cg05197447	SV2B;SV2B	0.0245053	0.949475	0.979705	-1.02072	0.511616	1.24034	1.24034	0.25718	0.682075	-1.46611	0.201377	0.646258	-1.54737	0.390237	0.752121	-1.32957	0.171488	0.624353	-1.60166	0.116494	0.575882	-1.73647	0.00103451	4.81825	4.81825	0.577933	1.19945	1.19945	4.3876	7.27468	1.47379	1
cg27121538	SV2B;SV2B	0.0469579	0.0215926	0.168331	-5.94066	0.422673	1.69709	1.69709	0.543362	1.48777	1.48777	0.90922	0.928984	-1.07645	0.0330761	0.200023	-4.99944	0.22184	0.436382	-2.29157	0.0164819	0.150723	-6.63468	0.0182706	0.157233	-6.35997	0.282792	0.486382	-2.056	3.46958	22.919	5.87172	1
cg24794347	SV2C	0.00154835	0.293186	0.814089	-1.22837	0.000349633	2.95704	2.95704	0.520194	1.13083	1.13083	0.208875	0.778899	-1.28386	0.257557	0.800223	-1.24965	0.0879061	0.700986	-1.42656	0.00143867	0.419347	-2.38466	0.0143643	1.76696	1.76696	0.0218393	1.68046	1.68046	10.3843	5.85154	0.50089	1
cg22995486	SV2C	0.00187131	0.0811921	1.3976	1.3976	0.00133649	0.445992	-2.24219	9.73E-05	0.301311	-3.31883	0.503376	1.12479	1.12479	0.031959	0.647132	-1.54528	0.691843	1.07142	1.07142	0.227755	0.80313	-1.24513	0.636758	1.08586	1.08586	0.796	1.04588	1.04588	9.83029	4.66821	0.422116	1
cg11810204	SV2C	0.0027501	0.507623	1.08232	1.08232	0.594295	0.938688	-1.06532	0.00062004	0.53798	-1.8588	0.083282	0.797989	-1.25315	0.849324	0.977864	-1.02264	0.000141103	0.46159	-2.16643	0.0255365	0.731754	-1.36658	0.207919	0.855324	-1.16915	0.90224	1.01457	1.01457	8.78155	1.92656	0.195011	1
cg23437256	SV2C	0.00323662	0.17698	0.769599	-1.29938	0.234459	1.25538	1.25538	0.344964	0.837353	-1.19424	0.487151	0.879121	-1.1375	0.000136827	0.299987	-3.33348	0.00287224	0.473136	-2.11356	0.0563657	1.48334	1.48334	0.500938	0.882796	-1.13276	0.972626	0.993758	-1.00628	8.36704	4.4131	0.468834	1
cg27054032	SV2C	0.00852904	0.13958	0.789284	-1.26697	0.565971	0.917262	-1.0902	0.0184739	0.653554	-1.53009	0.22411	0.826889	-1.20935	0.0601014	0.729309	-1.37116	0.37498	1.14515	1.14515	0.0999465	0.764667	-1.30776	0.797134	0.962384	-1.03909	0.000182249	0.38983	-2.56522	6.21731	2.18146	0.311883	1
cg02515553	SV2C	0.00977331	0.315315	1.2418	1.2418	0.0192717	0.554082	-1.80479	0.00848244	0.496163	-2.01547	0.951576	1.01275	1.01275	0.152537	1.37659	1.37659	0.348306	1.22312	1.22312	0.00229965	2.43186	2.43186	0.132672	0.712903	-1.40271	0.353673	1.22023	1.22023	5.95409	4.10243	0.612454	1
cg22657457	SV2C	0.0110519	0.0113821	0.512966	-1.94945	0.667651	1.09529	1.09529	0.243882	0.773429	-1.29294	0.00854457	0.493102	-2.02798	0.0131395	0.52309	-1.91172	0.00810418	0.489486	-2.04296	0.00179481	0.39218	-2.54985	0.303105	0.798698	-1.25204	0.0778348	0.661703	-1.51125	5.72383	4.02525	0.625107	1
cg10583931	SV2C	0.0135032	0.00157938	4.49943	4.49943	0.0616601	0.497733	-2.00911	0.206616	0.643055	-1.55508	0.105492	1.79719	1.79719	0.354175	0.729084	-1.37158	0.17354	0.618802	-1.61603	0.869644	1.05595	1.05595	0.022024	2.48531	2.48531	0.243378	1.49873	1.49873	5.3631	9.33251	1.54679	1
cg24134219	SV2C	0.0136709	0.382524	0.741556	-1.34852	0.000590919	5.88118	5.88118	0.161542	0.607052	-1.64731	0.137809	0.586521	-1.70497	0.212265	0.644895	-1.55064	0.917884	1.03503	1.03503	0.0438763	0.461477	-2.16696	0.91761	1.03515	1.03515	0.737884	0.89392	-1.11867	5.34145	9.43036	1.56934	1
cg08739188	SV2C	0.0165216	0.738813	0.875399	-1.14234	0.00252757	5.29756	5.29756	0.320437	1.50422	1.50422	0.509909	0.766565	-1.30452	0.150152	0.54147	-1.84682	0.553142	0.787739	-1.26946	0.0376033	0.383181	-2.60973	0.0091891	3.7261	3.7261	0.784469	1.11519	1.11519	5.0171	12.567	2.22652	1
cg24120753	SV2C	0.0183572	0.253549	0.498238	-2.00707	0.0360935	0.240708	-4.15441	0.0114608	0.157506	-6.34898	0.00960607	0.147272	-6.79014	0.00226067	0.08237	-12.1403	0.658971	0.77144	-1.29628	0.0176864	0.185308	-5.39641	0.546299	0.699962	-1.42865	0.0508693	0.272638	-3.66787	4.84299	26.1833	4.80572	1
cg07353583	SV2C	0.0212909	0.00861837	0.152507	-6.55708	0.009019	0.155088	-6.44797	0.291647	0.541027	-1.84834	0.0053853	0.127831	-7.82285	0.0195255	0.20503	-4.87735	0.0301157	0.238875	-4.18628	0.0864794	0.345365	-2.89549	0.192053	0.460586	-2.17115	0.0274897	0.23135	-4.32246	4.60533	22.9887	4.43713	1
cg00590173	SV2C	0.0292381	0.842837	0.935802	-1.0686	0.0471204	2.13697	2.13697	0.221632	0.650902	-1.53633	0.806845	1.08532	1.08532	0.0093624	0.332387	-3.00854	0.0245016	0.408347	-2.4489	0.51922	0.803801	-1.24409	0.0378603	2.2363	2.2363	0.284741	0.689757	-1.44979	4.12428	7.29784	1.57287	1
cg00924796	SV2C	0.034314	0.332253	1.09518	1.09518	0.183413	1.13689	1.13689	0.646888	0.958942	-1.04282	0.127384	0.86084	-1.16166	0.195095	0.882879	-1.13266	0.289571	0.904912	-1.10508	0.0943714	0.846078	-1.18192	0.0106851	1.33868	1.33868	0.0247624	1.27501	1.27501	3.8949	0.509655	0.116313	1
cg15118835	SV2C	0.0414181	0.920964	1.02077	1.02077	0.0413649	1.62788	1.62788	0.649853	0.909689	-1.09928	0.605675	0.897757	-1.11389	0.34645	0.818078	-1.22238	0.753129	0.936744	-1.06753	0.00282221	0.426599	-2.34412	0.0371227	0.605798	-1.65071	0.936572	1.01662	1.01662	3.63607	2.47008	0.603846	1
cg06529756	SV2C	0.0450823	0.443306	0.898882	-1.11249	0.320695	0.869411	-1.1502	0.126775	1.25265	1.25265	0.865694	0.977177	-1.02336	0.422999	1.11809	1.11809	0.260548	1.17357	1.17357	0.103148	1.27526	1.27526	0.00522609	1.65288	1.65288	0.013465	1.51781	1.51781	3.52311	1.03795	0.261876	1
cg06705526	SV2C;SV2C	0.00492087	0.687786	0.970254	-1.03066	0.0534436	0.848757	-1.17819	0.000972602	0.692898	-1.44321	0.144578	1.12428	1.12428	0.788322	0.980085	-1.02032	0.921644	1.00738	1.00738	0.000438197	0.66017	-1.51476	0.963842	1.00339	1.00339	0.543469	1.04704	1.04704	7.3744	0.652618	0.0786647	1
cg15090727	SVEP1;SVEP1	0.00299009	0.000523984	0.639085	-1.56474	0.17616	1.1265	1.1265	0.267917	0.908845	-1.1003	0.0385938	1.21949	1.21949	0.227174	1.11072	1.11072	0.209225	1.11586	1.11586	0.0011522	0.673271	-1.48529	0.136625	0.875627	-1.14204	0.26445	0.90816	-1.10113	8.56656	0.930701	0.096572	1
cg11337790	SVIL	0.00045488	0.00284661	1.85454	1.85454	0.00310658	0.544271	-1.83732	5.50E-05	0.323359	-3.09254	0.0154066	1.56375	1.56375	0.0155546	1.56231	1.56231	0.253376	1.19648	1.19648	0.629197	0.929448	-1.07591	0.221518	1.21316	1.21316	0.312631	0.854653	-1.17007	14.6699	5.25385	0.318345	1
cg27292694	SVIL	0.000485436	7.05E-05	0.09837	-10.1657	0.13464	0.596995	-1.67505	0.665959	1.14901	1.14901	0.0125379	0.370423	-2.69962	0.00391027	0.288779	-3.46286	0.000755824	0.195277	-5.12094	0.000134829	0.1207	-8.28501	0.789293	0.91791	-1.08943	0.00566207	0.313198	-3.19286	14.4081	23.3383	1.43982	1
cg26276294	SVIL	0.00397225	0.252676	0.805366	-1.24167	0.00020179	0.323128	-3.09475	0.0052623	0.513421	-1.94772	0.828705	1.04004	1.04004	0.144544	1.32835	1.32835	0.547961	1.11644	1.11644	0.426641	1.15842	1.15842	0.693171	0.930677	-1.07449	0.0608454	1.46643	1.46643	7.86898	4.0905	0.462068	1
cg16373769	SVIL	0.00510751	0.831878	0.96178	-1.03974	0.0217629	1.65672	1.65672	0.584889	1.10641	1.10641	0.0743052	0.694521	-1.43984	0.622392	0.913027	-1.09526	0.00047859	0.366142	-2.73118	0.00274069	0.468671	-2.13369	0.761404	1.05741	1.05741	0.79063	1.04999	1.04999	7.29106	3.88014	0.473047	1
cg05855983	SVIL	0.0102965	0.079774	0.606992	-1.64747	0.898887	1.03318	1.03318	0.02546	0.50568	-1.97754	0.125393	0.653185	-1.53096	0.000361216	0.230227	-4.34355	0.383684	0.795038	-1.2578	0.00644395	0.402629	-2.48367	0.202654	0.707961	-1.41251	0.0494414	0.562311	-1.77837	5.85559	6.11463	0.928212	1
cg06197966	SVIL	0.0117591	0.00345902	0.103229	-9.68723	0.0394091	0.255853	-3.9085	0.0102533	0.157066	-6.36675	0.0115191	0.164014	-6.09703	0.0186546	0.195699	-5.10989	0.111435	0.370891	-2.69621	0.00504035	0.119811	-8.34646	0.121372	0.382607	-2.61365	0.0100531	0.155915	-6.41377	5.61025	29.0774	4.60703	1
cg24212268	SVIL	0.0137866	0.666532	0.882252	-1.13346	0.850343	1.0561	1.0561	0.0345343	0.4905	-2.03873	0.0526472	0.529079	-1.89008	0.000880556	0.236736	-4.22412	0.943545	0.979742	-1.02068	0.169347	1.52666	1.52666	0.387353	1.29181	1.29181	0.0219303	0.451829	-2.21323	5.32669	7.04477	1.17559	1
cg01391662	SVIL	0.0141021	0.0526274	0.712543	-1.40342	0.00802628	1.68622	1.68622	0.489586	0.897655	-1.11401	0.465302	1.12109	1.12109	0.335624	1.16501	1.16501	0.0581039	1.39021	1.39021	0.015858	0.634764	-1.57539	0.0804777	1.34747	1.34747	0.028386	1.48884	1.48884	5.28724	1.9814	0.333112	1
cg04194651	SVIL	0.016132	0.151699	1.16676	1.16676	0.236845	0.88298	-1.13253	0.00570813	1.43903	1.43903	0.00456272	1.46126	1.46126	0.083152	0.824788	-1.21243	0.35049	1.10131	1.10131	0.61668	0.950585	-1.05198	0.0546578	1.24468	1.24468	0.400107	0.917143	-1.09034	5.05715	0.807613	0.141953	1
cg03259469	SVIL	0.0275757	0.54416	0.927004	-1.07874	0.0253037	1.38866	1.38866	0.141592	0.822709	-1.2155	0.131619	0.817948	-1.22257	0.0852034	1.26487	1.26487	0.0105871	1.48728	1.48728	0.967866	0.995039	-1.00499	0.255804	0.863754	-1.15774	0.0417814	1.33607	1.33607	4.21035	1.01655	0.214615	1
cg25225665	SVIL	0.0369414	0.905713	1.02702	1.02702	0.00618724	0.447798	-2.23315	0.0121955	0.495185	-2.01945	0.788905	1.06225	1.06225	0.719649	1.08449	1.08449	0.579794	0.881745	-1.13412	0.428322	1.19957	1.19957	0.809806	1.05576	1.05576	0.0143914	0.507198	-1.97162	3.79205	3.04122	0.712887	1
cg09276998	SVIL	0.0410612	0.0126267	0.0924124	-10.8211	0.0588267	0.19417	-5.15012	0.242713	0.391037	-2.5573	0.0636655	0.20164	-4.95932	0.0206621	0.117619	-8.50204	0.336515	0.467171	-2.14054	0.0114962	0.0882071	-11.337	0.0206901	0.117696	-8.49647	0.0690069	0.20956	-4.7719	3.64773	34.077	8.30398	1
cg13324103	SVIL	0.0412292	0.00894325	0.127158	-7.86423	0.179391	0.412932	-2.42171	0.0235327	0.186838	-5.35223	0.0481228	0.246378	-4.05881	0.0125722	0.145902	-6.85391	0.237988	0.464594	-2.15242	0.0267938	0.196513	-5.08873	0.149304	0.383289	-2.609	0.0488965	0.247896	-4.03396	3.64222	22.1873	5.41483	1
cg05559808	SVIL;MIR604;SVIL	0.000354225	0.712942	1.05641	1.05641	0.245482	1.19771	1.19771	0.137666	0.788647	-1.268	0.00794278	0.603207	-1.65781	9.67E-06	0.243014	-4.11498	0.0505419	0.718238	-1.3923	0.521162	0.907937	-1.1014	0.207211	1.2184	1.2184	0.000628506	0.458109	-2.18288	15.7173	5.49078	0.310529	1
cg25426867	SVIL;MIR938;SVIL	0.00671405	0.00800642	0.201666	-4.95871	0.00261214	0.140278	-7.1287	0.00448866	0.167795	-5.95965	0.0455574	0.339496	-2.94554	0.010906	0.221869	-4.50717	0.0214477	0.272006	-3.67639	0.00379853	0.158904	-6.29311	0.00683281	0.191895	-5.21118	0.109942	0.440018	-2.27263	6.70159	23.5618	3.1252	1
cg19767857	SVIL;MIR938;SVIL	0.00870498	0.172426	0.829682	-1.20528	0.343253	1.13375	1.13375	0.0890406	0.785749	-1.27267	0.235216	0.852185	-1.17345	0.0434085	0.741823	-1.34803	0.574358	0.929638	-1.07569	0.00077974	1.92214	1.92214	0.0729216	1.29328	1.29328	0.0930401	0.788543	-1.26816	6.17729	1.61719	0.232708	1
cg23025804	SVIL;SVIL	0.000215729	0.0914963	0.69589	-1.43701	0.00143584	0.406898	-2.45762	0.000853524	0.376219	-2.65803	0.00716331	0.507918	-1.96882	0.00322727	0.456581	-2.19019	0.0608447	0.662141	-1.51025	1.09E-05	0.16047	-6.23171	0.000220766	0.300992	-3.32234	0.510282	1.13917	1.13917	17.9976	10.8502	0.535885	1
cg11794384	SVIL;SVIL	0.000280843	5.00E-05	0.173682	-5.75766	0.000258564	0.250762	-3.98784	0.000402359	0.273972	-3.65	0.0121628	0.487252	-2.05233	0.0151251	0.503212	-1.98724	0.747868	0.928483	-1.07703	0.000160859	0.226991	-4.40546	0.0348411	0.567866	-1.76098	0.00166038	0.355121	-2.81594	16.7497	14.042	0.745196	1
cg14670629	SVIL;SVIL	0.000375595	0.000465894	0.146276	-6.83639	0.00280051	0.237256	-4.21485	0.00702783	0.296064	-3.37764	0.00426239	0.262979	-3.80258	0.00018516	0.110197	-9.0747	0.000302758	0.128574	-7.77763	0.000139136	0.100376	-9.96252	0.114972	0.549559	-1.81964	0.00147488	0.201361	-4.96621	15.4661	29.8813	1.71738	1
cg04103250	SVIL;SVIL	0.0028038	0.880721	0.950792	-1.05175	0.00496293	3.49036	3.49036	0.848653	0.937815	-1.06631	0.330318	1.40154	1.40154	0.00012782	0.106565	-9.38399	0.692093	1.14312	1.14312	0.0309971	2.34201	2.34201	0.751705	0.898826	-1.11256	0.495333	0.792418	-1.26196	8.73146	15.6167	1.58983	1
cg07361056	SVIL;SVIL	0.00331586	0.00343347	0.512157	-1.95253	0.625833	0.920605	-1.08624	0.00347468	0.512879	-1.94978	0.0419779	0.67399	-1.4837	0.000469554	0.396373	-2.52287	0.00416182	0.523846	-1.90896	0.00434694	0.526503	-1.89932	0.964052	0.992442	-1.00762	0.0823957	0.723324	-1.38251	8.3069	3.72843	0.398965	1
cg15965815	SVIL;SVIL	0.00532292	0.0030012	0.195227	-5.12225	0.803209	0.904633	-1.10542	0.00837145	0.258652	-3.86621	0.0772535	0.454528	-2.20009	0.00616935	0.238377	-4.19503	0.0410351	0.388127	-2.57647	0.000567132	0.117227	-8.53043	0.0306071	0.360709	-2.77232	0.0186787	0.318463	-3.14008	7.19946	18.3722	2.26834	1
cg25577670	SVIL;SVIL	0.00556277	0.165298	0.745151	-1.34201	0.58353	0.895789	-1.11633	0.102181	0.700793	-1.42695	0.0652879	0.662783	-1.50879	6.56E-05	0.233139	-4.28928	0.259227	0.791396	-1.26359	0.479998	1.1534	1.1534	0.678328	0.920442	-1.08643	0.359181	0.829113	-1.20611	7.10276	4.44447	0.556212	1
cg11801524	SVIL;SVIL	0.00714876	0.19609	1.7588	1.7588	0.00903995	0.253967	-3.93752	0.00425663	0.205995	-4.85449	0.150996	0.5296	-1.88822	0.396338	0.698548	-1.43154	0.13294	0.511915	-1.95345	0.000858391	0.126479	-7.90646	0.0235665	0.327319	-3.05512	0.572765	1.26539	1.26539	6.57186	17.7562	2.40165	1
cg04501107	SVIL;SVIL	0.0108749	0.992145	1.00118	1.00118	0.212985	1.16978	1.16978	0.0346896	1.34231	1.34231	0.1666	0.838339	-1.19283	0.139275	1.20955	1.20955	0.740751	0.961079	-1.0405	0.00127143	1.75431	1.75431	0.0116035	0.685728	-1.45831	0.273922	1.14582	1.14582	5.75367	1.30267	0.20125	1
cg13101887	SVIL;SVIL	0.0152244	0.620774	1.15527	1.15527	0.0143257	0.417309	-2.3963	0.816896	1.06943	1.06943	0.548126	0.838717	-1.1923	0.335394	0.750139	-1.33309	0.711948	0.898224	-1.11331	0.000401594	0.1961	-5.09943	0.943842	0.979818	-1.0206	0.0529764	0.529161	-1.88979	5.1553	6.83882	1.17917	1
cg18085405	SVIL;SVIL	0.0197904	0.255177	0.857012	-1.16684	0.832463	0.97286	-1.0279	0.516075	1.08929	1.08929	0.028521	0.714852	-1.39889	0.0246021	0.706308	-1.41581	0.0130453	1.49187	1.49187	0.0851249	1.28051	1.28051	0.424226	1.11183	1.11183	0.0280331	1.40085	1.40085	4.72143	1.26156	0.23751	1
cg02321519	SVIL;SVIL	0.0198137	0.0417691	0.213543	-4.6829	0.26116	0.462569	-2.16184	0.0266025	0.177478	-5.63449	0.434096	0.591499	-1.69062	0.619615	0.719488	-1.38988	0.07409	3.70434	3.70434	0.00236775	0.0614762	-16.2665	0.0167922	0.146625	-6.82011	0.275928	0.474435	-2.10777	4.71954	32.3523	6.09332	1
cg02153747	SVIL;SVIL	0.021142	0.016811	0.30227	-3.30831	0.377665	0.689896	-1.44949	0.0428006	0.384364	-2.6017	0.0274039	0.342984	-2.91559	0.00603633	0.229709	-4.35333	?	?	?	0.0265661	0.340261	-2.93892	0.00877617	0.254419	-3.93052	0.122562	0.503499	-1.9861	4.69944	11.1262	2.36755	1
cg24726783	SVIL;SVIL	0.021231	0.0190743	4.68577	4.68577	0.00198146	10.7876	10.7876	0.698831	1.2357	1.2357	0.423647	1.56025	1.56025	0.193399	2.11526	2.11526	0.467689	1.49521	1.49521	0.00798281	6.36597	6.36597	0.0104557	5.78073	5.78073	0.418356	1.56857	1.56857	4.60977	21.6344	4.17171	1
cg17096262	SVIL;SVIL	0.0262222	0.451711	1.12799	1.12799	0.20424	1.23422	1.23422	0.246596	1.20963	1.20963	0.718334	1.05854	1.05854	0.70191	1.06227	1.06227	0.692492	1.06442	1.06442	0.000309434	2.50798	2.50798	0.251275	1.20716	1.20716	0.988513	1.00226	1.00226	4.28531	1.67444	0.347325	1
cg26508239	SVIL;SVIL	0.0316073	0.348025	1.18999	1.18999	0.215331	0.790737	-1.26464	0.106913	1.37282	1.37282	0.0050778	1.94808	1.94808	0.197926	0.782715	-1.2776	0.960678	1.00892	1.00892	0.0114085	1.76835	1.76835	0.0762557	1.42632	1.42632	0.514256	1.12645	1.12645	4.01155	2.05918	0.456277	1
cg20355644	SVIL;SVIL	0.0326114	0.86807	0.970634	-1.03025	0.859539	1.03227	1.03227	0.378392	0.850416	-1.17589	0.239908	0.802022	-1.24685	0.00200865	0.457704	-2.18482	0.163241	0.765826	-1.30578	0.0399581	1.53062	1.53062	0.217687	1.26175	1.26175	0.40143	0.857297	-1.16646	3.96689	2.01943	0.452509	1
cg11788945	SVIL;SVIL	0.0335318	0.012138	0.634229	-1.57672	0.0785838	0.752353	-1.32916	0.221829	1.20565	1.20565	0.814124	1.0349	1.0349	0.00908834	1.62059	1.62059	0.325643	1.15931	1.15931	0.13751	1.26233	1.26233	0.76011	0.956375	-1.04562	0.76207	0.956737	-1.04522	3.92741	1.31952	0.298647	1
cg02363677	SVIL;SVIL	0.0389467	0.359147	1.77656	1.77656	0.100227	0.333652	-2.99713	0.0233893	0.191868	-5.21192	0.128274	0.367118	-2.72392	0.276633	1.99309	1.99309	0.12722	0.365937	-2.73271	0.00583726	0.110804	-9.02491	0.0684647	0.288463	-3.46665	0.922301	1.06127	1.06127	3.71945	21.8836	5.22984	1
cg09911401	SVIL;SVIL	0.0454265	0.0115861	0.200634	-4.98421	0.126626	0.431332	-2.3184	0.641957	0.787974	-1.26908	0.241885	0.536146	-1.86516	0.00838375	0.180165	-5.55048	0.0279584	0.266733	-3.74906	0.0271157	0.264147	-3.78577	0.187691	0.491394	-2.03503	0.0535096	0.327598	-3.05252	3.51309	14.409	3.64579	1
cg05814312	SVIL;SVIL	0.0456281	0.116431	1.6546	1.6546	0.187077	1.51099	1.51099	0.0429515	0.502786	-1.98892	0.672734	1.13361	1.13361	0.0669703	0.54546	-1.83332	0.683956	1.12841	1.12841	0.781782	0.921305	-1.08542	0.0382447	2.03172	2.03172	0.0351743	0.484689	-2.06318	3.50726	4.83981	1.22661	1
cg09533403	SVIL;SVIL	0.0466169	0.979439	1.00979	1.00979	0.649239	0.841024	-1.18903	0.02044	2.87568	2.87568	0.0432269	2.40915	2.40915	0.860337	0.935579	-1.06886	0.0267473	2.6976	2.6976	0.766923	0.893697	-1.11895	0.0152939	3.08311	3.08311	0.0441166	2.39765	2.39765	3.47912	7.87767	2.01269	1
cg00049475	SVIL;SVIL;SVIL	0.00166425	0.889072	0.966689	-1.03446	0.194342	1.39558	1.39558	0.121192	0.665026	-1.5037	0.000332008	0.245075	-4.08039	0.000233019	0.227159	-4.4022	0.547123	1.15941	1.15941	0.291925	1.30403	1.30403	0.913713	0.974031	-1.02666	0.00842654	0.44186	-2.26316	10.1701	9.49213	0.829633	1
cg04255070	SVIP	0.00326227	0.532742	1.04904	1.04904	0.0195835	1.2383	1.2383	0.132277	1.13099	1.13099	0.0166891	0.801372	-1.24786	0.339378	1.07747	1.07747	0.254474	1.09436	1.09436	0.17093	0.895404	-1.11681	0.000372677	0.649604	-1.5394	0.0150034	0.797257	-1.2543	8.34737	0.759131	0.0808379	1
cg01129966	SVIP	0.00377016	0.62956	1.08453	1.08453	0.00324138	1.95496	1.95496	0.00767556	1.77187	1.77187	0.040192	0.673142	-1.48557	0.0155819	0.609464	-1.64078	0.0609405	0.702834	-1.42281	0.960646	0.991796	-1.00827	0.217277	1.242	1.242	0.00498963	1.8597	1.8597	7.99358	3.52891	0.392416	1
cg16113692	SVIP	0.00868251	0.0197039	0.61784	-1.61854	0.00110088	2.44255	2.44255	0.152775	0.778903	-1.28386	0.0340575	1.51766	1.51766	0.0797872	1.37922	1.37922	0.0429364	1.47804	1.47804	0.0948095	0.73897	-1.35324	0.893242	1.0216	1.0216	0.630036	1.08052	1.08052	8.42454	3.2177	0.254629	1
cg25421615	SVIP	0.0154412	0.442163	1.2973	1.2973	0.0952585	1.83821	1.83821	0.0176861	2.60725	2.60725	0.65141	0.859794	-1.16307	0.994376	0.997662	-1.00234	0.0206618	0.396295	-2.52337	0.00920953	0.333515	-2.99836	0.71932	1.12734	1.12734	0.0195343	2.55327	2.55327	5.13121	8.96495	1.55301	1
cg03988778	SVIP	0.0154896	0.364277	1.30082	1.30082	0.41257	1.26635	1.26635	0.601107	1.15996	1.15996	0.224182	0.696681	-1.43538	0.641231	0.876363	-1.14108	0.646898	0.878358	-1.13849	0.011906	0.401014	-2.49368	0.320275	1.33636	1.33636	0.000702538	0.210741	-4.74516	5.75302	7.03901	0.951637	1
cg24212855	SVIP	0.0435073	0.86183	0.965723	-1.03549	0.655236	1.09415	1.09415	0.0380163	1.6186	1.6186	0.0784497	0.676135	-1.47899	0.282388	0.799598	-1.25063	0.166009	0.74398	-1.34412	0.0262696	0.589945	-1.69507	0.295274	1.24273	1.24273	0.0374657	1.62155	1.62155	3.57023	2.26659	0.564318	1
cg25374714	SVOP	1.20E-05	4.25E-05	0.154407	-6.4764	0.000243225	0.233102	-4.28997	0.00985391	0.457052	-2.18793	0.00018155	0.218689	-4.5727	3.54E-06	0.0732748	-13.6473	0.0205132	0.511691	-1.95431	1.30E-06	0.0507516	-19.7038	8.09E-05	0.181412	-5.51231	0.000523673	0.273161	-3.66085	38.7028	35.3185	0.811163	1
cg00461311	SVOP	0.000649779	0.00132207	0.156964	-6.3709	0.00152368	0.163778	-6.10583	0.000647425	0.125677	-7.95692	0.114429	0.506303	-1.9751	0.0271706	0.354698	-2.8193	0.00910602	0.268881	-3.71912	9.04E-05	0.0623275	-16.0443	0.00143565	0.160896	-6.2152	0.00128452	0.155606	-6.42651	13.2849	33.0623	2.21219	1
cg26345142	SVOP	0.0206238	0.252242	0.597919	-1.67247	0.333905	0.651435	-1.53507	0.0377881	0.354897	-2.81772	0.00726691	0.225597	-4.43268	0.00481501	0.200198	-4.99507	0.509258	0.749833	-1.33363	0.00441267	0.195106	-5.12543	0.0263388	0.322144	-3.1042	0.103596	0.465124	-2.14996	4.65565	13.635	2.6033	1
cg04481189	SVOPL	2.18E-05	0.000535198	0.209089	-4.78265	0.116525	1.64106	1.64106	0.000220301	0.167295	-5.97748	0.312672	1.35437	1.35437	6.53E-06	0.0541786	-18.4575	0.51757	0.826501	-1.20992	1.98E-06	0.0329254	-30.3717	0.0068774	0.361897	-2.76322	0.0220118	0.450301	-2.22074	33.1112	44.2402	1.18765	1
cg12924654	SVOPL;SVOPL	0.000378942	0.00387165	1.72536	1.72536	1.01E-05	3.77283	3.77283	0.477263	0.903661	-1.10661	0.0715455	1.32589	1.32589	0.278589	1.17109	1.17109	0.118409	1.26826	1.26826	0.000244012	2.33981	2.33981	0.0727434	1.32397	1.32397	0.0226758	1.46587	1.46587	15.4284	4.80191	0.276657	1
cg05719902	SVOPL;SVOPL	0.000830096	0.070591	1.49348	1.49348	0.00792412	1.9659	1.9659	0.00110392	0.384918	-2.59796	0.0919674	0.691944	-1.4452	0.0208978	1.73634	1.73634	0.000806713	0.366584	-2.72789	0.00457983	2.11555	2.11555	0.226944	1.28636	1.28636	0.0845849	1.46035	1.46035	12.4024	7.74034	0.554754	1
cg23085143	SVOPL;SVOPL	0.00221095	0.603827	1.1955	1.1955	0.0154496	2.75534	2.75534	0.00362341	0.261076	-3.83031	0.00520737	0.284327	-3.51707	0.972112	1.012	1.012	0.00048804	0.15504	-6.44994	0.0653265	2.02529	2.02529	0.352406	1.38599	1.38599	0.730179	1.12535	1.12535	9.36368	17.2551	1.63802	1
cg16111924	SVOPL;SVOPL	0.00434156	0.0737638	2.20317	2.20317	0.0228663	2.94196	2.94196	0.0975142	0.486485	-2.05556	0.19437	0.580376	-1.72302	0.0928999	2.08058	2.08058	0.000335063	0.101021	-9.89889	0.0531509	2.3886	2.3886	0.917769	0.9599	-1.04178	0.958722	0.979697	-1.02072	7.6605	19.054	2.21094	1
cg10184328	SVOPL;SVOPL	0.00726657	0.635644	1.18547	1.18547	0.992954	1.00315	1.00315	0.00117464	0.183151	-5.45998	0.0399889	0.429033	-2.33083	0.501308	1.27545	1.27545	0.00294037	0.233179	-4.28855	0.0494874	2.22341	2.22341	0.493571	1.28127	1.28127	0.401783	1.35786	1.35786	6.53838	13.1595	1.78902	1
cg20482223	SVOPL;SVOPL	0.0251183	0.0122767	0.294974	-3.39013	0.177506	1.75237	1.75237	0.131483	1.89146	1.89146	0.561255	0.794577	-1.25853	0.00674535	0.25288	-3.95444	0.993385	1.00325	1.00325	0.0203777	0.334785	-2.98699	0.970875	1.01439	1.01439	0.180062	0.572769	-1.7459	4.35009	10.5562	2.15703	1
cg17173451	SVOPL;SVOPL	0.043236	0.978928	1.0094	1.0094	0.0503195	0.453735	-2.20393	0.357617	0.71528	-1.39805	0.515069	0.79152	-1.26339	0.00214148	0.217098	-4.6062	0.720362	0.880453	-1.13578	0.11396	0.543859	-1.83871	0.659605	0.854708	-1.16999	0.0129476	0.335358	-2.98189	3.57855	7.11015	1.76611	1
cg08010619	SWAP70	0.00142583	0.00195159	0.534935	-1.86939	0.347401	1.14819	1.14819	0.362291	0.874821	-1.14309	0.117911	0.784664	-1.27443	6.08E-05	0.347345	-2.87898	0.00457242	0.58317	-1.71477	0.143313	0.798814	-1.25186	0.124856	1.2678	1.2678	0.342212	0.86956	-1.15001	10.6335	3.43533	0.287169	1
cg05011526	SWAP70	0.00519712	0.0555934	0.435394	-2.29677	0.0155892	0.320853	-3.1167	0.041554	0.406249	-2.46155	0.742457	1.13473	1.13473	0.0289038	0.372526	-2.68438	0.0131912	0.307953	-3.24725	0.000539716	0.127108	-7.86734	0.00178981	0.18204	-5.49329	0.0303779	0.376988	-2.6526	7.25238	16.8771	2.06855	1
cg00408597	SWAP70	0.00683371	0.0547837	0.793608	-1.26007	0.670001	1.04654	1.04654	0.120412	0.836304	-1.19574	0.590303	1.05938	1.05938	0.939662	1.00807	1.00807	0.962005	0.994957	-1.00507	0.0068383	0.689521	-1.45028	0.000489203	1.78553	1.78553	0.473169	1.0805	1.0805	6.66486	1.18873	0.158541	1
cg22172230	SWAP70	0.0126512	0.655837	0.799645	-1.25056	0.823969	1.11745	1.11745	0.948721	1.03258	1.03258	0.981435	0.988469	-1.01167	0.885944	1.07416	1.07416	0.995913	1.00256	1.00256	0.0105735	0.201305	-4.96758	0.000414038	16.3287	16.3287	0.893988	1.06872	1.06872	5.47854	21.5581	3.49778	1
cg07527631	SWAP70	0.0193559	0.605227	0.827259	-1.20881	0.620027	0.83379	-1.19934	0.445575	0.753673	-1.32683	0.856117	1.06824	1.06824	0.874656	0.944204	-1.05909	0.519104	0.788438	-1.26833	0.581016	0.816498	-1.22474	0.000298034	8.50726	8.50726	0.855942	0.936046	-1.06832	4.7571	9.96522	1.86205	1
cg23243066	SWAP70	0.0264394	0.271908	1.26829	1.26829	0.00101744	2.75278	2.75278	0.160366	1.3657	1.3657	0.153927	1.3733	1.3733	0.145555	1.38369	1.38369	0.247392	1.28573	1.28573	0.958434	0.989227	-1.01089	0.0924954	0.680615	-1.46926	0.105596	1.44397	1.44397	4.27296	2.92253	0.607963	1
cg01786828	SWAP70	0.0284708	0.428431	0.66337	-1.50745	0.106975	2.44335	2.44335	0.485418	0.69776	-1.43316	0.94031	1.03875	1.03875	0.988397	0.992644	-1.00741	0.68889	0.815205	-1.22669	0.667481	0.802988	-1.24535	0.000609055	14.6068	14.6068	0.328845	1.66801	1.66801	4.16323	16.9942	3.62841	1
cg07226193	SWAP70;SWAP70	0.00127501	0.0066776	12.2368	12.2368	0.0234334	6.86802	6.86802	0.0501718	4.89948	4.89948	0.437899	1.75619	1.75619	0.923081	1.07115	1.07115	0.0105968	0.10151	-9.85122	0.00423862	0.0655891	-15.2464	0.000786644	37.0417	37.0417	0.016554	0.124519	-8.03091	10.9799	88.0762	7.1303	1
cg13872501	SYAP1;SYAP1	7.06E-05	0.0760562	0.756841	-1.32128	2.56E-06	0.201168	-4.97096	0.00457813	0.586983	-1.70363	0.0210122	1.47964	1.47964	0.424582	0.891289	-1.12197	0.254688	1.18275	1.18275	0.000569355	2.12383	2.12383	0.189143	1.21692	1.21692	0.275189	0.85196	-1.17376	24.2945	7.66361	0.280397	1
cg27351642	SYAP1;SYAP1	0.000890161	0.135618	0.833375	-1.19994	0.0647493	0.790499	-1.26502	0.00869827	0.684598	-1.46071	0.000944678	1.74855	1.74855	0.00619783	1.49852	1.49852	0.296974	0.88467	-1.13037	0.0656339	0.791256	-1.26381	0.000533356	0.542835	-1.84218	0.0171731	0.719572	-1.38971	12.1604	2.47353	0.180807	1
cg06568260	SYAP1;SYAP1	0.00100491	0.369059	0.823228	-1.21473	0.145615	0.719315	-1.39021	0.000785299	0.342848	-2.91674	0.00254797	0.413638	-2.41758	0.000335821	0.295432	-3.38488	0.765643	1.06506	1.06506	0.960837	1.01041	1.01041	0.665695	1.09599	1.09599	0.000211872	0.271044	-3.68944	11.7502	8.27395	0.625915	1
cg23876603	SYAP1;SYAP1	0.0470487	0.11441	2.25172	2.25172	0.324162	0.617959	-1.61823	0.724137	1.18236	1.18236	0.938548	1.03712	1.03712	0.36995	0.647108	-1.54534	0.53698	1.34383	1.34383	0.00221985	0.131841	-7.58487	0.686593	1.21136	1.21136	0.13446	2.14449	2.14449	3.46706	12.2703	3.14588	1
cg12626698	SYCE1	2.07E-05	0.0157296	0.692008	-1.44507	0.00113795	1.81359	1.81359	4.91E-06	0.273387	-3.65782	0.692644	0.951786	-1.05066	0.393049	0.896885	-1.11497	8.93E-06	0.302004	-3.31122	0.00414824	1.61285	1.61285	0.111489	0.806042	-1.24063	0.00466868	1.59659	1.59659	33.586	8.22955	0.217803	1
cg17676129	SYCE1	0.0283043	0.0148895	0.389336	-2.56848	0.522081	0.820296	-1.21907	0.34075	0.740444	-1.35054	0.208468	1.50278	1.50278	0.0297012	0.449266	-2.22585	0.331449	1.35903	1.35903	0.112114	1.70594	1.70594	0.0740296	1.85334	1.85334	0.0262222	0.437988	-2.28316	4.60157	6.62308	1.11946	1
cg17714832	SYCE1;SYCE1;SYCE1	3.77E-06	0.459886	1.11135	1.11135	0.379475	1.13485	1.13485	0.000283209	0.43507	-2.29848	0.00796064	0.620432	-1.61178	1.32E-06	0.175837	-5.68707	0.320132	1.15504	1.15504	0.00010073	0.380126	-2.63071	2.65E-07	0.117547	-8.50727	0.184805	1.21816	1.21816	52.1803	16.269	0.277142	1
cg20087519	SYCE1;SYCE1;SYCE1	0.000400094	0.00364414	3.29133	3.29133	0.423432	1.281	1.281	0.0361077	2.09225	2.09225	0.0971378	1.73579	1.73579	0.00594937	2.9725	2.9725	0.955196	1.01716	1.01716	8.38E-06	18.9312	18.9312	0.000771017	4.67463	4.67463	0.0179879	2.3885	2.3885	15.1992	22.0848	1.29157	1
cg25823128	SYCE1;SYCE1;SYCE1	0.000492468	0.00965617	0.449068	-2.22683	0.558084	1.1558	1.1558	0.000852654	0.293748	-3.40428	0.0408687	0.561596	-1.78064	0.0880776	0.631214	-1.58425	0.0863275	1.58913	1.58913	0.141576	0.679507	-1.47165	1.35E-05	0.107934	-9.26493	0.41702	0.816477	-1.22477	14.3508	13.5815	0.841239	1
cg14239307	SYCE1;SYCE1;SYCE1	0.000512347	0.000191207	6.30259	6.30259	0.651827	0.875422	-1.14231	0.0227203	2.22278	2.22278	0.0204141	2.26714	2.26714	0.00904561	2.64281	2.64281	0.151487	0.637526	-1.56856	5.12E-05	9.22131	9.22131	0.0019723	3.59945	3.59945	0.252712	1.41899	1.41899	14.1941	19.2877	1.20787	1
cg16208053	SYCE1;SYCE1;SYCE1	0.000851553	0.00156394	6.81877	6.81877	0.834134	0.915234	-1.09262	0.00873021	4.10153	4.10153	0.305184	1.56598	1.56598	0.0219629	3.19284	3.19284	0.225786	0.584313	-1.71141	3.44E-05	29.5472	29.5472	0.0030557	5.54944	5.54944	0.15394	1.90555	1.90555	12.3135	34.7976	2.51197	1
cg05646491	SYCE1;SYCE1;SYCE1	0.00505142	0.025463	1.77876	1.77876	0.0303948	1.73655	1.73655	0.926925	0.980301	-1.02009	0.0509555	1.61965	1.61965	0.905776	1.02602	1.02602	0.000348115	0.287236	-3.48145	0.0599927	1.58441	1.58441	0.62915	0.899838	-1.11131	0.923482	1.02106	1.02106	7.3157	5.4503	0.662234	1
cg27135915	SYCE1;SYCE1;SYCE1	0.00883298	0.714094	0.851227	-1.17477	0.0196743	0.291277	-3.43316	0.165538	0.523384	-1.91064	0.28171	1.63189	1.63189	0.0311483	0.33047	-3.02599	0.454588	1.39576	1.39576	0.00811328	0.226776	-4.40963	0.000581973	0.0974442	-10.2623	0.282579	0.613371	-1.63034	6.14879	18.6616	2.69778	1
cg24678803	SYCE1;SYCE1;SYCE1	0.0299366	0.0897299	1.92863	1.92863	0.25222	0.657068	-1.52191	0.00880853	0.310017	-3.22563	0.246323	1.53067	1.53067	0.312595	1.44306	1.44306	0.0993033	0.530251	-1.8859	0.0208916	0.376787	-2.65402	0.431169	1.32593	1.32593	0.12418	0.557341	-1.79423	4.0899	7.98622	1.7357	1
cg16266492	SYCE1;SYCE1;SYCE1	0.0326016	0.307896	1.42987	1.42987	0.13181	1.73519	1.73519	0.244572	0.66204	-1.51048	0.298133	1.4411	1.4411	0.129103	1.74303	1.74303	0.0796003	0.517271	-1.93322	0.00338697	3.85706	3.85706	0.0637142	2.02632	2.02632	0.139358	1.71426	1.71426	3.96731	7.21253	1.61599	1
cg06248061	SYCE1;SYCE1;SYCE1	0.0499452	0.0592915	0.488537	-2.04693	0.56445	1.21652	1.21652	0.385036	0.741093	-1.34936	0.709443	1.13419	1.13419	0.00366455	0.266625	-3.75059	0.31473	0.704852	-1.41874	0.0545553	0.480108	-2.08286	0.124906	0.571858	-1.74869	0.0387178	0.446911	-2.23758	3.38954	6.07637	1.59349	1
cg01504555	SYCE1L	0.0251109	0.55946	1.38906	1.38906	0.786205	1.16344	1.16344	0.03401	3.96635	3.96635	0.0754541	3.01003	3.01003	0.0761204	0.33324	-3.00084	0.123482	2.53198	2.53198	0.210092	2.08637	2.08637	0.014994	5.28624	5.28624	0.00401975	8.60133	8.60133	4.35053	21.362	4.36463	1
cg03491556	SYCE1L	0.0312735	0.551895	0.8566	-1.16741	0.0802256	0.607074	-1.64725	0.00289436	0.348808	-2.86691	0.0827257	0.61008	-1.63913	0.00563699	0.392847	-2.54552	0.759269	0.923997	-1.08225	0.66565	0.894216	-1.1183	0.423204	0.810285	-1.23413	0.0279249	0.512719	-1.95039	4.02679	4.21797	0.93109	1
cg08011959	SYCE1L;MON1B	0.000121902	0.0215342	1.45117	1.45117	0.0103338	1.54616	1.54616	0.202663	1.19891	1.19891	0.874827	0.978961	-1.02149	0.235127	1.18275	1.18275	4.55E-06	0.241522	-4.14041	0.465036	1.10549	1.10549	0.448586	1.10978	1.10978	0.00059127	0.488848	-2.04563	20.9962	6.04992	0.256127	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10105149	SYCE1L;MON1B	0.000180271	0.0120017	0.638912	-1.56516	0.000448695	2.20634	2.20634	0.121647	1.27111	1.27111	0.17071	1.2319	1.2319	2.51E-05	0.302301	-3.30796	0.00646731	0.602805	-1.65891	0.0221403	0.675583	-1.4802	0.0486342	1.37987	1.37987	0.0167034	0.658574	-1.51843	18.8953	6.11636	0.287731	1
cg01753188	SYCE1L;MON1B	0.000352314	0.0867277	1.26496	1.26496	0.00243748	1.6889	1.6889	2.37E-05	0.350668	-2.8517	0.386075	1.11671	1.11671	0.000740857	0.529148	-1.88983	0.495617	1.08976	1.08976	0.190037	0.84162	-1.18818	0.580495	1.07181	1.07181	0.449295	0.908661	-1.10052	15.7407	3.84763	0.217278	1
cg07648639	SYCE1L;MON1B	0.00039684	0.117272	0.783414	-1.27646	0.00117204	1.9806	1.9806	0.0298772	1.44284	1.44284	0.712967	1.05444	1.05444	1.40E-05	0.272389	-3.67121	0.169205	0.810479	-1.23384	0.691107	1.05897	1.05897	0.979388	1.00371	1.00371	0.498546	0.906131	-1.10359	15.2335	4.96607	0.289775	1
cg02578846	SYCE1L;MON1B	0.00512146	0.836488	0.973226	-1.02751	0.00738936	0.635557	-1.57342	0.0307722	1.39536	1.39536	0.712633	1.04978	1.04978	0.314646	0.872364	-1.14631	0.132899	0.808221	-1.23728	0.00540545	1.61742	1.61742	0.0431477	0.736734	-1.35734	0.00305151	0.586909	-1.70384	7.28498	1.9897	0.242776	1
cg01570495	SYCE1L;MON1B	0.00946772	0.820425	1.1085	1.1085	0.669915	0.823437	-1.21442	0.290544	1.6437	1.6437	0.0142614	0.254261	-3.93296	0.000653603	0.093765	-10.665	0.0113612	0.237925	-4.203	0.552454	0.761633	-1.31297	0.686744	1.20163	1.20163	0.0233359	0.292922	-3.41388	6.01471	19.5532	2.88969	1
cg07656751	SYCE1L;MON1B	0.0463122	0.147529	0.788351	-1.26847	0.80692	0.963222	-1.03818	0.543639	1.09864	1.09864	0.424802	0.882734	-1.13284	0.0972995	0.756951	-1.32109	0.00850765	0.598152	-1.67181	0.0341262	1.45989	1.45989	0.624763	0.927339	-1.07835	0.0468029	0.705878	-1.41668	3.48771	1.29358	0.329687	1
cg10504344	SYCE1L;MON1B	0.0467212	0.17088	1.27031	1.27031	0.670661	0.932219	-1.07271	0.0261113	1.54207	1.54207	0.0100742	1.70377	1.70377	0.746232	0.948115	-1.05472	0.365002	1.16501	1.16501	0.621456	1.0851	1.0851	0.152172	0.777484	-1.2862	0.0685694	0.715676	-1.39728	3.47619	1.48232	0.379039	1
cg17330515	SYCE2	0.000392879	9.28E-05	0.17325	-5.772	0.0326117	0.533403	-1.87476	0.140297	0.67118	-1.48991	0.819575	1.0591	1.0591	2.01E-05	0.11434	-8.74587	0.025301	0.512553	-1.95102	0.50421	1.1857	1.1857	0.327002	0.775454	-1.28957	0.00499863	0.393135	-2.54365	15.2756	15.2807	0.889185	1
cg01837375	SYCE2	0.00161385	0.000157204	0.275207	-3.63362	0.420252	0.848491	-1.17856	0.0592879	0.653883	-1.52932	0.0693939	1.49973	1.49973	?	?	?	0.0113884	0.53153	-1.88136	0.0053333	0.480766	-2.08001	0.668051	1.08989	1.08989	0.00449495	0.469681	-2.12911	10.4984	5.8836	0.560426	1
cg13518530	SYCE2	0.00611338	0.654433	0.915122	-1.09275	0.0659653	0.666237	-1.50097	0.203678	0.767877	-1.30229	0.637698	0.910845	-1.09788	0.878191	0.970258	-1.03065	0.000210394	3.3876	3.3876	0.160005	0.744127	-1.34386	0.106467	0.706787	-1.41485	0.122798	0.719525	-1.38981	6.89915	4.23489	0.545624	1
cg10586358	SYCE2	0.00884313	0.00259981	0.42424	-2.35716	0.0151449	0.541567	-1.8465	0.0812417	0.67217	-1.48772	0.34146	0.817538	-1.22319	0.000580011	0.334954	-2.98548	0.115909	0.703847	-1.42076	0.210191	0.762322	-1.31178	0.97073	1.00757	1.00757	0.0216174	0.56729	-1.76277	6.14655	4.11187	0.594642	1
cg16745596	SYCN	0.000772659	0.00507079	0.350408	-2.85382	0.000283869	0.186695	-5.35634	0.000660269	0.228466	-4.37702	0.148181	0.64466	-1.55121	0.0025646	0.306166	-3.26621	0.0305226	0.487005	-2.05337	8.82E-05	0.136915	-7.30382	0.0137673	0.422361	-2.36764	0.110146	0.610899	-1.63693	12.6553	16.0565	1.12779	1
cg01518016	SYCN	0.00335133	0.0855657	0.667145	-1.49892	0.213765	1.32157	1.32157	0.52311	1.14779	1.14779	0.392388	1.20517	1.20517	0.433805	0.843578	-1.18543	0.0212808	0.554564	-1.80322	0.000838418	0.342947	-2.91591	0.0793389	0.660457	-1.5141	0.00158001	2.62816	2.62816	8.28056	5.94896	0.638601	1
cg07902983	SYCN	0.0064083	0.876082	1.06551	1.06551	0.468287	1.34994	1.34994	0.102751	0.483891	-2.06658	0.484354	0.749036	-1.33505	0.00516766	0.222843	-4.48746	0.00234203	0.177809	-5.62402	0.002002	0.169737	-5.89147	0.00657966	0.238129	-4.1994	0.618683	1.22633	1.22633	6.79927	17.8045	2.32763	1
cg15204945	SYCN	0.0128423	0.969661	0.993076	-1.00697	0.000265049	0.334763	-2.98718	0.0488132	0.66296	-1.50839	0.585045	1.10598	1.10598	0.403695	0.85547	-1.16895	0.13	0.741717	-1.34822	0.688335	0.928986	-1.07644	0.0614754	0.680542	-1.46942	0.543573	1.11887	1.11887	5.45182	2.88169	0.469843	1
cg08199133	SYCN	0.0256797	0.0467374	2.77214	2.77214	0.521845	1.33737	1.33737	0.122203	2.11723	2.11723	0.792172	0.888472	-1.12553	0.761248	1.14621	1.14621	0.0774998	0.415307	-2.40786	0.0228103	0.295228	-3.38722	0.00530077	5.18402	5.18402	0.462424	1.39791	1.39791	4.31671	13.7092	2.82297	1
cg17574739	SYCN	0.0392659	0.0329005	3.97851	3.97851	0.0113388	5.78092	5.78092	0.0538525	3.35825	3.35825	0.195761	2.13223	2.13223	0.0735876	3.01592	3.01592	0.578365	1.36439	1.36439	0.00421774	8.33459	8.33459	0.709431	1.23016	1.23016	0.065857	3.13361	3.13361	3.70832	17.9879	4.31172	1
cg07832006	SYCP1	7.35E-05	7.07E-05	4.87849	4.87849	0.0044956	0.436844	-2.28915	0.701161	0.919142	-1.08797	0.724214	0.925462	-1.08054	0.0213332	1.83117	1.83117	0.0359831	0.586598	-1.70475	0.00093137	2.94642	2.94642	1.74E-05	6.84763	6.84763	0.0101724	0.492291	-2.03132	24.0364	18.2016	0.673113	1
cg07724623	SYCP1	0.000102443	1.39E-05	7.41829	7.41829	0.16447	1.3877	1.3877	0.357803	0.81148	-1.23232	0.178507	1.37129	1.37129	2.99E-05	6.08039	6.08039	0.0198448	1.86122	1.86122	0.13333	1.43004	1.43004	0.000141234	4.26644	4.26644	0.0775966	0.64836	-1.54235	21.998	17.0007	0.686958	1
cg23257564	SYCP1	0.00137395	0.12931	0.602098	-1.66086	0.042434	2.06144	2.06144	0.00377183	0.298184	-3.35363	0.90591	0.964059	-1.03728	0.0148613	0.395555	-2.52809	0.0082063	0.351022	-2.84882	0.000150311	0.133347	-7.49922	0.00169773	0.249619	-4.0061	0.705297	0.889042	-1.12481	10.7473	16.3102	1.34899	1
cg24330514	SYCP1	0.00272306	0.0290131	0.665785	-1.50199	0.140579	1.28474	1.28474	0.0223981	0.648928	-1.541	0.000192916	0.370798	-2.69689	0.627364	1.08039	1.08039	0.248799	0.826516	-1.2099	0.0473056	1.43147	1.43147	0.119569	0.765705	-1.30599	0.0535485	1.41416	1.41416	8.80724	3.48466	0.351697	1
cg04115969	SYCP1	0.0152504	0.0101403	3.80454	3.80454	0.736434	1.14933	1.14933	0.991739	1.00427	1.00427	0.763148	0.882918	-1.13261	0.0134385	3.52915	3.52915	0.739187	1.14759	1.14759	0.00149237	6.59897	6.59897	0.0290353	2.88695	2.88695	0.396846	0.699447	-1.4297	5.15239	13.8526	2.38984	1
cg09685601	SYCP1	0.0252714	0.875026	1.02791	1.02791	0.226122	1.2489	1.2489	0.00448206	0.51546	-1.94001	0.123354	0.746855	-1.33895	0.831371	1.03799	1.03799	0.00920883	0.560933	-1.78274	0.0934196	1.38083	1.38083	0.232858	0.80351	-1.24454	0.214181	0.795568	-1.25696	4.34089	2.10243	0.430517	1
cg18087477	SYCP1;SYCP1	0.0252581	0.0248521	5.24119	5.24119	0.872202	1.10501	1.10501	0.980232	0.984749	-1.01549	0.145913	2.63362	2.63362	0.0148823	6.41045	6.41045	0.649467	1.32821	1.32821	0.00244208	13.6788	13.6788	0.0183302	5.90388	5.90388	0.752977	0.822145	-1.21633	4.34169	26.4572	5.41667	1
cg12181372	SYCP2	0.0101256	0.453227	1.37184	1.37184	0.00133268	6.8918	6.8918	0.0804146	2.23091	2.23091	0.15231	1.88596	1.88596	0.0426588	2.62636	2.62636	0.025393	3.00244	3.00244	0.00273269	5.53737	5.53737	0.00543376	4.5429	4.5429	0.0444802	2.59829	2.59829	5.88707	15.9628	2.41023	1
cg23241473	SYCP2	0.0150248	0.0651932	0.54826	-1.82395	0.23723	0.698035	-1.43259	0.700783	0.893961	-1.11862	0.852473	0.947389	-1.05553	0.0402496	0.502587	-1.9897	0.361114	1.31331	1.31331	0.000397206	0.194576	-5.13939	0.40991	1.27719	1.27719	0.232823	0.695438	-1.43794	5.17786	6.91173	1.18654	1
cg04656327	SYCP2	0.01604	0.0133148	0.27325	-3.65965	0.00511946	0.209155	-4.78115	0.0119403	0.265246	-3.77008	0.365256	0.674648	-1.48225	0.00457726	0.202486	-4.93862	0.0335171	0.349683	-2.85973	0.0147431	0.280914	-3.55981	0.0691326	0.423017	-2.36397	0.213411	0.574474	-1.74072	5.06678	14.3623	2.51964	1
cg22214414	SYCP2	0.0176213	0.166823	0.742242	-1.34727	0.503593	0.871736	-1.14714	0.945043	0.986155	-1.01404	0.134397	1.38603	1.38603	0.417032	1.18263	1.18263	0.247853	1.27676	1.27676	0.000592934	0.342112	-2.92302	0.664106	1.09238	1.09238	0.103959	0.698	-1.43266	4.91008	3.18049	0.575775	1
cg25183989	SYCP2	0.0221792	0.100271	2.84301	2.84301	0.612019	1.34554	1.34554	0.0555172	3.52273	3.52273	0.151496	2.43944	2.43944	0.162591	2.37512	2.37512	0.00754452	7.35084	7.35084	0.00158519	13.891	13.891	0.015452	5.6077	5.6077	0.0897541	2.96046	2.96046	4.54127	24.2182	4.74037	1
cg07347645	SYCP2;SYCP2	0.031019	0.484194	0.842033	-1.1876	0.645404	0.893992	-1.11858	0.523653	1.16918	1.16918	0.0614591	0.600772	-1.66453	0.039863	0.562944	-1.77638	0.0150986	0.485701	-2.05888	0.00484738	0.405152	-2.46821	0.688899	1.10222	1.10222	0.022569	0.516582	-1.9358	4.03854	3.74111	0.823424	1
cg23049448	SYCP2L	0.000112807	0.0394107	1.76661	1.76661	0.0113122	2.13294	2.13294	0.870485	1.03974	1.03974	0.281907	1.30611	1.30611	8.65E-06	0.0993828	-10.0621	0.0115367	2.12646	2.12646	0.000329679	3.99407	3.99407	0.71551	0.916297	-1.09135	0.0136287	0.482497	-2.07255	21.4375	19.3637	0.802899	1
cg11126217	SYCP2L	0.000127674	0.905597	0.983993	-1.01627	0.0383446	1.386	1.386	0.00511564	0.604643	-1.65387	0.405891	0.890782	-1.12261	0.427797	1.11641	1.11641	0.357218	1.13745	1.13745	0.000168816	2.38811	2.38811	0.043171	0.728767	-1.37218	9.29E-06	0.271862	-3.67834	20.737	6.07583	0.260439	1
cg14633910	SYCP2L	0.000536249	0.18687	0.832489	-1.20122	0.00162377	0.553311	-1.8073	1.77E-05	0.316481	-3.15975	0.980586	0.996817	-1.00319	0.119426	0.801376	-1.24785	0.00108108	0.531343	-1.88202	0.0925744	1.27449	1.27449	0.0838553	0.778271	-1.2849	0.0633585	0.760636	-1.31469	14.0155	3.81152	0.241735	1
cg13620881	SYCP2L	0.000720403	0.613254	1.14397	1.14397	0.0268774	1.99738	1.99738	0.00392011	2.78582	2.78582	0.278836	0.742929	-1.34602	6.84E-05	0.146316	-6.8345	0.00952308	0.420333	-2.37906	0.055451	1.77339	1.77339	0.692292	1.11068	1.11068	0.0234089	0.489335	-2.04359	12.9066	14.2367	0.9805	1
cg23233404	SYCP2L	0.00225385	0.541827	0.810383	-1.23398	0.00804827	3.17657	3.17657	0.0101406	3.01657	3.01657	0.00378776	0.264516	-3.78048	0.00440447	3.64835	3.64835	0.523534	1.2462	1.2462	0.0045215	3.626	3.626	0.00325711	3.91908	3.91908	0.482679	1.27495	1.27495	9.31114	17.0931	1.6318	1
cg18286304	SYCP2L	0.00318083	0.664761	1.09198	1.09198	0.00271388	0.43354	-2.30659	0.0100542	0.519124	-1.92632	0.483312	1.15462	1.15462	0.5123	0.874487	-1.14353	0.000328717	0.310133	-3.22443	0.0223994	0.575719	-1.73696	0.709607	0.927289	-1.07841	0.00357419	0.450919	-2.2177	8.41049	5.42509	0.573367	1
cg23646360	SYCP2L	0.00324147	0.00944729	0.253432	-3.94584	0.00134308	0.143079	-6.98917	0.358091	0.6741	-1.48346	0.120317	0.495015	-2.02014	0.000226948	0.0774837	-12.9059	0.0354017	0.359793	-2.77937	0.0141589	0.282733	-3.5369	0.0604872	0.413399	-2.41897	0.00504507	0.212764	-4.70003	8.36331	23.0663	2.45158	1
cg05658414	SYCP2L	0.00711704	0.29154	0.88065	-1.13552	0.00424961	0.641251	-1.55945	0.0598694	0.781487	-1.27961	0.760191	0.965073	-1.03619	0.78354	0.968528	-1.03249	0.859267	1.02082	1.02082	0.000513367	1.87708	1.87708	0.474343	0.918978	-1.08817	0.712733	0.957964	-1.04388	6.58099	1.40557	0.18985	1
cg23149229	SYCP2L	0.00976635	0.0401293	0.572607	-1.7464	0.814425	1.05683	1.05683	0.00159815	0.34487	-2.89964	0.0153895	0.49702	-2.01199	0.0180295	0.508938	-1.96488	0.00393955	0.401774	-2.48896	0.714664	1.09016	1.09016	0.0270408	0.540422	-1.8504	0.103599	0.658055	-1.51963	5.95544	5.21299	0.778073	1
cg09105523	SYCP2L	0.0243154	0.0386329	6.28329	6.28329	0.077859	4.4974	4.4974	0.0354031	6.55063	6.55063	0.415325	1.89431	1.89431	0.353549	0.480743	-2.08011	0.510534	0.59922	-1.66884	0.00236433	25.887	25.887	0.0209296	8.43239	8.43239	0.704436	1.33968	1.33968	4.39945	41.0229	8.2885	1
cg13281171	SYCP2L	0.0245754	0.0215755	8.18332	8.18332	0.259095	0.407835	-2.45197	0.0109508	11.3853	11.3853	0.436786	0.546453	-1.82998	0.30968	0.448956	-2.22739	0.504785	0.597161	-1.67459	0.0918138	4.11214	4.11214	0.00854006	12.8875	12.8875	0.75355	0.786687	-1.27115	4.38324	40.2842	8.16933	1
cg13560123	SYCP2L	0.0263142	0.0153315	9.70334	9.70334	0.482633	1.72431	1.72431	0.0137829	10.222	10.222	0.781696	1.23627	1.23627	0.39858	0.516903	-1.9346	0.873052	0.885066	-1.12986	0.0288795	7.15137	7.15137	0.0035981	20.2836	20.2836	0.689941	1.35823	1.35823	4.28006	39.5189	8.20733	1
cg03320827	SYCP2L	0.0389838	0.171117	3.39296	3.39296	0.37874	2.13207	2.13207	0.0508919	6.45329	6.45329	0.889345	0.889844	-1.12379	0.658873	0.689031	-1.45131	0.737524	1.32576	1.32576	0.00241801	34.5176	34.5176	0.0126579	13.4406	13.4406	0.160334	3.51642	3.51642	3.71815	41.389	9.89475	1
cg18345826	SYCP2L	0.0462517	0.0535222	9.15301	9.15301	0.731346	1.41622	1.41622	0.0104488	25.9151	25.9151	0.696719	0.673356	-1.4851	0.772894	0.74664	-1.33933	0.63615	1.61799	1.61799	0.0798833	7.11552	7.11552	0.00441006	46.4143	46.4143	0.372606	2.51996	2.51996	3.48943	56.343	14.3527	1
cg26237681	SYCP2L;SYCP2L	0.015585	0.011543	15.8092	15.8092	0.482995	1.86463	1.86463	0.00875841	18.5062	18.5062	0.653749	0.673958	-1.48377	0.446444	0.507526	-1.97034	0.604952	0.633782	-1.57783	0.00706998	20.9488	20.9488	0.00537634	24.6094	24.6094	0.529146	1.74573	1.74573	5.11546	61.8771	10.7521	1
ch.12.2010372F	SYCP3	0.0134152	0.00865748	0.387217	-2.58253	0.236347	0.703446	-1.42157	0.016876	0.437622	-2.28508	0.0410752	0.512608	-1.95081	0.00150313	0.273407	-3.65755	0.449915	0.803913	-1.24392	0.00694383	0.371491	-2.69185	0.0818255	0.578866	-1.72752	0.0300797	0.485181	-2.06109	5.37461	6.84117	1.13144	1
cg02399275	SYCP3	0.0160011	0.455631	1.22129	1.22129	0.0191898	0.474518	-2.1074	0.00100862	0.277001	-3.6101	0.180797	1.4533	1.4533	0.218547	0.711435	-1.40561	0.324024	0.764936	-1.3073	0.10831	1.58548	1.58548	0.801888	0.935999	-1.06838	0.639672	1.13207	1.13207	5.07087	5.55867	0.974396	1
cg09676606	SYCP3	0.0184152	0.534404	1.15842	1.15842	0.0101717	0.468843	-2.13291	0.017263	0.50767	-1.96978	0.956755	0.987406	-1.01275	0.794382	0.940782	-1.06295	0.945537	1.0161	1.0161	0.00259043	2.65301	2.65301	0.666206	0.903546	-1.10675	0.735037	0.92368	-1.08263	4.83784	4.18527	0.768987	1
cg24833387	SYCP3	0.0198959	0.897227	1.01622	1.01622	0.0306674	1.37192	1.37192	0.225868	1.17162	1.17162	0.352401	1.12657	1.12657	0.153429	0.826656	-1.20969	0.983185	1.00263	1.00263	0.000587186	1.93776	1.93776	0.632693	0.941795	-1.0618	0.810231	1.03041	1.03041	4.71291	1.15771	0.218353	1
cg25721452	SYCP3	0.0362125	0.137218	0.694649	-1.43958	0.0607131	1.61811	1.61811	0.641343	1.11268	1.11268	0.494594	0.853968	-1.171	0.325756	1.25979	1.25979	0.0445455	0.591535	-1.69052	0.0180157	1.92327	1.92327	0.0704035	1.58452	1.58452	0.0563605	1.63523	1.63523	3.81966	3.13385	0.729291	1
cg01127428	SYCP3	0.0407587	0.0629671	0.805246	-1.24186	0.0285307	0.76522	-1.30681	0.656076	1.04751	1.04751	0.851519	1.01959	1.01959	0.0907066	1.21288	1.21288	0.0233833	1.3238	1.3238	0.035617	1.28823	1.28823	0.467249	1.07961	1.07961	0.730032	1.03652	1.03652	3.6577	0.621169	0.150955	1
cg08224208	SYDE1	0.00493965	0.806791	0.967542	-1.03355	0.0818672	1.29646	1.29646	0.247609	1.17678	1.17678	0.464934	0.904701	-1.10534	0.576158	0.926768	-1.07902	0.700032	1.05352	1.05352	0.000187522	0.427943	-2.33676	0.135648	1.2418	1.2418	0.0224616	1.44511	1.44511	7.36584	2.11549	0.255292	1
cg18584265	SYDE1	0.00819064	0.914159	0.986075	-1.01412	0.866377	0.978337	-1.02214	0.00450391	1.63622	1.63622	0.888053	0.981849	-1.01849	0.730528	0.956032	-1.04599	0.489592	1.09558	1.09558	0.00248357	0.578769	-1.7278	0.00715928	1.57082	1.57082	0.0999947	0.791049	-1.26415	6.29727	1.68677	0.238095	1
cg17765751	SYDE1	0.0101769	0.126484	1.39705	1.39705	0.413983	0.844583	-1.18402	0.0281189	1.68966	1.68966	0.0922523	1.45474	1.45474	0.378621	0.833013	-1.20046	0.00671679	0.491153	-2.03602	0.0301813	0.597152	-1.67461	0.00615856	0.485404	-2.06014	0.776981	1.05912	1.05912	5.87754	3.80835	0.575956	1
cg22027399	SYDE1	0.0209793	0.0257505	0.406484	-2.46012	0.763781	1.10788	1.10788	0.0504598	0.468696	-2.13358	0.328921	0.709988	-1.40847	0.00387411	0.266494	-3.75244	0.145538	0.587886	-1.70101	0.00233759	0.235934	-4.23848	0.175937	0.613161	-1.63089	0.0788284	0.515086	-1.94142	4.62859	8.47004	1.62661	1
cg13450265	SYDE2	9.58E-05	0.236631	1.16774	1.16774	0.0069315	1.54802	1.54802	1.94E-06	0.229023	-4.36637	0.0191415	0.701482	-1.42555	0.404606	1.11254	1.11254	0.372449	0.891799	-1.12133	0.0145245	1.45723	1.45723	0.550229	1.07852	1.07852	0.48702	1.09233	1.09233	22.3966	5.54777	0.220183	1
cg21111500	SYDE2	0.00256247	0.0191688	0.402053	-2.48724	0.00172443	0.237493	-4.21066	0.108262	1.75646	1.75646	0.0522084	0.49168	-2.03384	0.233921	0.669528	-1.49359	0.0666393	0.516256	-1.93702	0.00245136	0.257976	-3.87633	0.00345291	3.58434	3.58434	0.196244	0.644472	-1.55166	8.96663	14.6778	1.45506	1
cg06143087	SYDE2	0.00336291	0.0366883	0.503238	-1.98713	0.000137759	0.154954	-6.45351	0.259887	0.717147	-1.39441	0.530479	0.835471	-1.19693	0.0996465	0.600193	-1.66613	0.397647	0.782702	-1.27763	0.00473506	0.345979	-2.89035	0.0464486	1.90642	1.90642	0.050342	0.532012	-1.87966	8.27203	10.4846	1.12665	1
cg01233392	SYDE2	0.00657434	0.00328897	0.24535	-4.07581	0.0127892	0.337911	-2.95936	0.144544	0.577045	-1.73297	0.461132	0.768569	-1.30112	0.03915	0.43282	-2.31043	0.0185558	0.36731	-2.72249	0.00104313	0.182189	-5.48881	0.0165715	0.358168	-2.79199	0.00375115	0.25341	-3.94618	6.74552	13.1494	1.73276	1
cg18635645	SYDE2	0.0157176	0.803094	0.96768	-1.0334	0.00967372	0.650176	-1.53804	0.00178902	0.557414	-1.794	0.787185	0.965042	-1.03622	0.980185	0.996739	-1.00327	0.497838	0.913473	-1.09472	0.0461765	0.740517	-1.35041	0.0335529	1.38613	1.38613	0.16839	0.824469	-1.2129	5.10109	1.39704	0.243441	1
cg22949578	SYDE2	0.026657	0.0191051	0.471856	-2.11929	0.305558	0.755075	-1.32437	0.139427	0.656271	-1.52376	0.0140283	0.447895	-2.23267	0.0746811	0.591097	-1.69177	0.38515	0.789956	-1.26589	0.00792151	0.40585	-2.46396	0.0593208	1.75725	1.75725	0.682456	0.896795	-1.11508	4.26072	4.73198	0.987205	1
cg04260992	SYF2;SYF2	0.00067548	0.813239	1.04019	1.04019	0.000972535	0.441722	-2.26387	0.00607323	0.550759	-1.81568	0.17342	0.785732	-1.2727	0.633786	1.08318	1.08318	0.0213952	1.58452	1.58452	0.00014712	0.337246	-2.9652	0.131913	0.762829	-1.31091	0.00046812	0.400285	-2.49822	13.1415	5.76849	0.390179	1
cg17651255	SYF2;SYF2	0.00348493	0.0370865	1.81963	1.81963	0.0208938	0.502863	-1.98861	0.106787	1.54567	1.54567	0.00445721	2.55515	2.55515	0.123109	1.51148	1.51148	0.0021179	2.91087	2.91087	0.00900017	0.439846	-2.27352	0.417081	0.814571	-1.22764	0.564422	0.865821	-1.15497	8.18437	7.92747	0.860988	1
cg25876608	SYF2;SYF2	0.00950871	0.628777	1.21966	1.21966	0.51418	1.30951	1.30951	0.0851019	2.17282	2.17282	0.9738	1.01348	1.01348	?	?	?	0.00463988	0.215453	-4.64139	0.00376289	4.92376	4.92376	0.0388286	2.65138	2.65138	0.0387802	2.65222	2.65222	6.12731	14.3326	2.33914	1
cg12131219	SYF2;SYF2	0.0140409	0.0328149	0.745332	-1.34168	0.24694	0.867172	-1.15317	0.701078	1.04645	1.04645	0.0315025	1.34571	1.34571	0.0612386	0.78014	-1.28182	0.507932	0.923977	-1.08228	0.0018664	0.59481	-1.68121	0.106116	0.812408	-1.23091	0.0244673	0.7294	-1.37099	5.2948	1.16208	0.195089	1
cg05801648	SYK;SYK;SYK	4.37E-05	0.00449378	0.291096	-3.4353	0.00384207	3.5588	3.5588	0.00104048	4.86435	4.86435	5.52E-06	28.3515	28.3515	0.000418454	6.18827	6.18827	0.163363	1.62368	1.62368	0.000121461	8.90639	8.90639	8.87E-05	9.84697	9.84697	0.0775647	1.89494	1.89494	27.588	46.3823	1.49444	1
cg10025443	SYK;SYK;SYK	0.00308993	0.662118	0.858424	-1.16493	0.00764667	3.28831	3.28831	0.00176722	4.69334	4.69334	0.000764667	5.8702	5.8702	0.0945064	1.89285	1.89285	0.563202	1.22496	1.22496	0.219851	1.56501	1.56501	0.000577967	6.35102	6.35102	0.0797785	1.964	1.964	8.48337	16.1939	1.6968	1
cg23447996	SYK;SYK;SYK	0.00552122	0.00178545	0.153313	-6.5226	0.00954036	0.250393	-3.99373	0.393414	0.691601	-1.44592	0.0675679	2.37214	2.37214	0.416579	1.41935	1.41935	0.116519	2.05311	2.05311	0.00760035	4.25433	4.25433	0.871396	0.933946	-1.07073	0.0840422	0.446498	-2.23965	7.11913	20.0597	2.50463	1
cg14054883	SYK;SYK;SYK;SYK	0.00996319	0.358932	0.746224	-1.34008	0.87618	0.952765	-1.04958	0.000535837	0.18792	-5.32142	0.105422	0.577557	-1.73143	0.0479176	0.495702	-2.01734	0.0873753	0.556742	-1.79616	0.00157074	0.244324	-4.09293	0.180977	0.643551	-1.55388	0.100478	0.572142	-1.74782	5.91759	9.02523	1.35569	1
cg14055502	SYK;SYK;SYK;SYK	0.0228038	0.493583	0.738164	-1.35471	0.034578	0.340946	-2.93301	0.252212	0.593172	-1.68585	0.889442	0.941074	-1.06262	0.000602466	0.0992367	-10.0769	0.488686	1.35954	1.35954	0.237719	1.71614	1.71614	0.792054	0.89103	-1.1223	0.679139	0.833914	-1.19916	4.49812	13.5833	2.68424	1
cg14005120	SYK;SYK;SYK;SYK	0.0247309	0.218881	0.689966	-1.44935	0.51801	0.828548	-1.20693	0.924107	1.02772	1.02772	0.54637	1.19148	1.19148	0.697946	1.11843	1.11843	0.0130666	0.413301	-2.41955	0.00412735	3.01592	3.01592	0.0279915	2.10656	2.10656	0.921038	1.02886	1.02886	4.37365	5.70531	1.15953	1
cg05905309	SYMPK	0.0102234	0.228559	0.652741	-1.532	0.865601	0.944423	-1.05885	0.664637	0.86309	-1.15863	0.407468	1.33113	1.33113	0.0085974	0.322629	-3.09953	0.0187916	0.382527	-2.61419	0.000665147	0.172261	-5.80514	0.359382	1.37452	1.37452	0.0444152	0.458733	-2.17992	5.86896	10.5913	1.60412	1
cg23963485	SYMPK;FOXA3	0.00735603	0.0853893	0.846811	-1.1809	0.00271396	0.696208	-1.43635	0.00134624	0.665481	-1.50267	0.0483373	0.820973	-1.21807	0.762418	0.973838	-1.02687	0.128867	1.1543	1.1543	0.0986415	0.853554	-1.17157	0.0949271	1.17405	1.17405	0.970651	1.00322	1.00322	6.51341	0.788675	0.107631	1
cg24303698	SYMPK;FOXA3	0.024245	0.607555	0.939282	-1.06464	0.82696	0.973874	-1.02683	0.731829	1.04247	1.04247	0.407388	0.902596	-1.10792	0.58219	0.935015	-1.0695	0.153588	0.831307	-1.20292	0.000799977	0.542206	-1.84432	0.129242	1.21924	1.21924	0.120929	1.22552	1.22552	4.40387	1.01986	0.205852	1
cg15455864	SYMPK;RSPH6A	0.0170115	0.32924	0.583148	-1.71483	0.196942	2.07643	2.07643	0.0199822	4.49942	4.49942	0.301694	0.563765	-1.77379	0.125234	0.411143	-2.43225	0.761169	1.17737	1.17737	0.00767095	0.159557	-6.26736	0.310045	0.569714	-1.75527	0.010871	5.54418	5.54418	4.96836	22.5738	4.03867	1
cg19927816	SYMPK;RSPH6A	0.0225912	0.169606	0.394252	-2.53645	0.573449	1.43604	1.43604	0.0767211	3.49873	3.49873	0.189425	0.412993	-2.42135	0.0198078	0.166988	-5.98846	0.849382	1.12857	1.12857	0.00304668	0.0756056	-13.2265	0.117694	0.339291	-2.94732	0.207412	2.32971	2.32971	4.51264	28.9248	5.69752	1
cg07723659	SYMPK;RSPH6A	0.0398553	0.0867884	0.377166	-2.65135	0.727532	1.19759	1.19759	0.0393621	3.41705	3.41705	0.21161	0.507441	-1.97067	0.159825	0.461041	-2.169	0.752422	0.849476	-1.1772	0.00404079	0.136636	-7.31874	0.259454	0.545283	-1.83391	0.425887	1.52066	1.52066	3.68805	15.5224	3.74117	1
cg25821416	SYN1;SYN1	0.00135859	0.0760547	2.46689	2.46689	0.00545648	0.187895	-5.32213	0.00460758	0.178233	-5.61063	0.000961048	0.105489	-9.47969	0.000474505	0.0812398	-12.3092	0.144863	2.04665	2.04665	0.308425	1.61962	1.61962	0.797047	1.12511	1.12511	0.390841	1.49505	1.49505	10.782	35.7263	2.94534	1
cg00406460	SYN1;SYN1	0.00467187	0.0593697	2.36987	2.36987	0.0011517	7.57942	7.57942	0.0425763	2.58469	2.58469	0.0988179	2.07565	2.07565	0.506767	0.764518	-1.30801	0.183019	1.76325	1.76325	0.00153306	6.86326	6.86326	0.00471579	4.77926	4.77926	0.00163682	6.71199	6.71199	8.70924	21.3633	1.90785	1
cg14508997	SYN1;SYN1	0.0127143	0.142388	1.67518	1.67518	0.010577	0.34923	-2.86344	0.245539	0.672085	-1.48791	0.0837014	1.87059	1.87059	0.0264785	0.422856	-2.36487	0.445555	1.2897	1.2897	0.0509778	2.06948	2.06948	0.00781944	3.05543	3.05543	0.935829	1.02669	1.02669	5.46967	9.27224	1.50685	1
cg13098917	SYN1;SYN1	0.0129823	0.175872	1.8099	1.8099	0.84597	0.922957	-1.08347	0.712851	0.858665	-1.1646	0.0137486	0.284893	-3.51009	0.000568418	0.110734	-9.03068	0.281608	1.5861	1.5861	0.296301	1.56268	1.56268	0.744321	1.14442	1.14442	0.433779	0.719464	-1.38992	5.43256	14.6204	2.39222	1
cg22845087	SYN1;SYN1	0.0142484	0.0195556	6.74339	6.74339	0.838657	0.874745	-1.14319	0.495318	1.57688	1.57688	0.976449	1.01956	1.01956	0.351805	1.88062	1.88062	0.625154	1.38198	1.38198	0.00140529	25.2116	25.2116	0.00462273	13.3424	13.3424	0.00974397	9.2841	9.2841	5.92834	39.5861	5.19357	1
cg18103394	SYN1;SYN1	0.0233637	0.108555	1.96331	1.96331	0.00829778	3.67165	3.67165	0.0432635	2.44991	2.44991	0.176395	1.74009	1.74009	0.156955	0.557984	-1.79217	0.348493	1.45063	1.45063	0.0105039	3.4593	3.4593	0.0244248	2.81082	2.81082	0.0249436	2.79656	2.79656	4.46065	10.494	2.09117	1
cg01112624	SYN1;SYN1	0.0316765	0.268277	0.514513	-1.94359	0.97192	1.02049	1.02049	0.566405	1.39656	1.39656	0.91547	0.940646	-1.0631	0.0423428	0.25987	-3.84808	0.030265	4.34069	4.34069	0.00342105	9.8962	9.8962	0.544076	1.42457	1.42457	0.141506	2.48712	2.48712	4.00842	21.0852	4.67577	1
cg25153755	SYN1;SYN1	0.0346227	0.0221405	9.36203	9.36203	0.37677	2.09491	2.09491	0.219762	2.86369	2.86369	0.176193	3.22996	3.22996	0.310226	2.35401	2.35401	0.049847	6.19595	6.19595	0.0042037	22.7791	22.7791	0.0107933	13.6136	13.6136	0.0234413	9.09184	9.09184	3.88232	40.8758	9.35885	1
cg14218246	SYN1;TIMP1;SYN1	0.0392732	0.44391	0.818955	-1.22107	0.562092	1.16182	1.16182	0.0128607	0.453658	-2.20431	0.264634	0.742674	-1.34649	0.0266025	0.510462	-1.95901	0.0476427	0.560132	-1.78529	0.00459527	0.380873	-2.62554	0.973164	1.00864	1.00864	0.257276	0.738952	-1.35327	3.70806	3.84518	0.921758	1
cg16523424	SYN1;TIMP1;TIMP1;SYN1	0.0477544	0.0849487	0.486144	-2.057	0.00326504	0.219076	-4.56462	0.13144	0.53979	-1.85257	0.245167	0.631112	-1.5845	0.0560355	2.26927	2.26927	0.705841	1.15439	1.15439	0.611189	0.823561	-1.21424	0.479563	0.761754	-1.31276	0.510572	0.776712	-1.28748	3.44764	7.82775	2.01819	1
cg03310376	SYN2	0.00178075	0.0221195	0.417296	-2.39638	0.360724	1.34889	1.34889	0.0200265	0.409044	-2.44472	0.00195548	0.247895	-4.03397	0.00828823	0.341249	-2.93042	0.0139253	0.379989	-2.63166	0.000408608	0.167246	-5.97922	0.0357218	2.17811	2.17811	0.0218469	0.416259	-2.40235	9.97283	16.0245	1.42828	1
cg14691921	SYN2;SYN2	0.00263707	0.467505	0.86195	-1.16016	0.272923	0.795095	-1.25771	0.184014	1.32737	1.32737	0.159633	0.739357	-1.35253	6.96E-05	0.232302	-4.30475	0.573745	1.121	1.121	0.0176199	1.78651	1.78651	0.112509	0.706675	-1.41508	0.271942	0.794692	-1.25835	8.89108	5.68617	0.568476	1
cg14994183	SYN2;SYN2	0.00672296	0.394205	0.778178	-1.28505	0.00428062	2.99867	2.99867	0.280455	1.38046	1.38046	0.153279	1.55188	1.55188	0.0203638	0.447752	-2.23338	0.667509	1.13224	1.13224	0.1689	0.656225	-1.52387	0.00108644	3.9977	3.9977	0.1606	1.53838	1.53838	6.69883	8.7623	1.1627	1
cg00711984	SYN2;SYN2	0.0140515	0.557053	0.894938	-1.1174	0.900311	1.0237	1.0237	0.390313	0.848301	-1.17883	0.7345	0.938359	-1.06569	0.405096	0.852819	-1.17258	0.259468	0.802626	-1.24591	0.643559	1.091	1.091	0.000355405	0.342448	-2.92015	0.00646809	0.515969	-1.9381	5.29349	2.92858	0.49177	1
cg20888142	SYN2;SYN2	0.0438794	0.786633	0.9612	-1.04037	0.730408	0.9508	-1.05175	0.129619	1.26975	1.26975	0.415767	0.885754	-1.12898	0.338304	0.865919	-1.15484	0.190892	0.817096	-1.22385	0.00102233	0.491565	-2.03432	0.756117	0.955577	-1.04649	0.603111	0.926347	-1.07951	3.55891	1.19906	0.299482	1
cg10110335	SYN2;TIMP4;SYN2	0.000608128	0.00670526	0.301578	-3.31589	0.000692183	0.171152	-5.84277	0.00520788	0.284544	-3.51439	0.104818	0.546461	-1.82996	0.0761485	0.510318	-1.95956	0.0186306	0.378196	-2.64413	1.47E-05	0.0465242	-21.4942	0.388303	0.739766	-1.35178	0.0100305	0.330218	-3.0283	13.533	24.9089	1.63609	1
cg00314622	SYN2;TIMP4;SYN2	0.0203136	0.0562234	0.299118	-3.34316	0.00625601	0.136871	-7.30616	0.0629122	0.311015	-3.21528	0.209063	0.477546	-2.09404	0.00699265	0.142687	-7.00835	0.115984	0.385351	-2.59504	0.00468643	0.122679	-8.15137	0.0153	0.189753	-5.27	0.128531	0.399718	-2.50176	4.67974	23.0927	4.38632	1
cg14843337	SYN2;TIMP4;SYN2	0.0314875	0.0268276	0.26768	-3.73581	0.167203	0.477141	-2.09582	0.0326714	0.284759	-3.51174	0.0252251	0.262539	-3.80896	0.0103852	0.19752	-5.06279	0.0353042	0.291751	-3.42758	0.176705	0.485935	-2.05789	0.0195277	0.242108	-4.13038	0.0141447	0.21837	-4.57939	4.017	16.0664	3.55519	1
cg13140167	SYN3	0.000187056	0.514419	0.905507	-1.10435	0.109479	0.769518	-1.29952	6.36E-05	3.01773	3.01773	0.1862	0.810253	-1.23418	0.853574	0.972644	-1.02813	0.224466	0.82566	-1.21115	0.000509314	0.442589	-2.25943	9.97E-05	2.81919	2.81919	0.0697453	0.737498	-1.35594	18.7073	6.67822	0.31732	1
cg18500733	SYN3	0.000445381	0.0221654	0.603456	-1.65712	0.000572913	0.374568	-2.66974	0.00563831	0.512184	-1.95242	0.393241	1.17476	1.17476	0.556112	0.896152	-1.11588	0.0230677	0.606253	-1.64948	0.0309139	0.627073	-1.59471	0.000110037	3.50328	3.50328	0.00778009	0.532935	-1.8764	14.7558	7.92653	0.477494	1
cg00099240	SYN3	0.000947598	0.000944345	0.421585	-2.372	6.45E-05	0.276346	-3.61865	0.0247768	0.626173	-1.597	0.0676897	0.698707	-1.43122	0.0132809	0.584232	-1.71165	0.000490903	0.38428	-2.60227	0.0236721	0.623039	-1.60504	0.0237696	0.623321	-1.60431	0.00427152	0.51191	-1.95347	11.9473	5.80576	0.431953	1
cg04540039	SYN3	0.00116136	0.000353252	0.256362	-3.90073	0.00100906	0.314351	-3.18116	0.0237254	0.527123	-1.89709	0.00317353	0.384476	-2.60094	0.0400721	0.56966	-1.75543	0.0440576	1.73108	1.73108	0.00122818	0.325867	-3.06873	0.0138596	0.486152	-2.05697	0.0749541	0.624767	-1.6006	11.2766	10.0468	0.791947	1
cg19681718	SYN3	0.00743088	0.00999281	0.431904	-2.31533	0.000235773	0.207393	-4.82177	0.181781	0.693607	-1.44174	0.657027	0.891057	-1.12226	0.0294201	0.515788	-1.93878	0.0514138	0.564151	-1.77258	0.055754	0.571527	-1.7497	0.011788	0.444045	-2.25203	0.146039	0.66844	-1.49602	6.49281	6.85097	0.937923	1
cg10170495	SYN3	0.0134834	0.014891	0.525566	-1.90271	0.0115885	0.507659	-1.96983	0.126583	0.701199	-1.42613	0.520667	0.869491	-1.1501	0.00108061	0.354662	-2.81958	0.00509758	0.451563	-2.21453	0.210794	0.753358	-1.32739	0.850309	0.960231	-1.04142	0.188795	0.74152	-1.34858	5.36568	3.92065	0.649502	1
cg15479068	SYN3	0.0400684	0.959303	0.993629	-1.00641	0.267536	0.865309	-1.15566	0.82886	1.02749	1.02749	0.870679	1.02062	1.02062	0.347325	0.885854	-1.12885	0.0121695	0.676133	-1.479	0.00335393	0.606588	-1.64857	0.570226	0.930659	-1.07451	0.0189121	0.700432	-1.42769	3.68082	0.914544	0.220855	1
cg03187444	SYN3	0.0434183	0.0227885	0.216743	-4.61376	0.0579269	0.300346	-3.32949	0.0923329	0.353633	-2.82779	0.157148	0.42787	-2.33716	0.023715	0.219812	-4.54935	0.0398987	0.263752	-3.79144	0.0243237	0.221784	-4.50889	0.0103108	0.163067	-6.13246	0.0814317	0.338336	-2.95564	3.57295	17.8159	4.43229	1
cg24060451	SYN3	0.043727	0.176316	0.799622	-1.25059	0.663068	1.07057	1.07057	0.933115	0.987028	-1.01314	0.09607	0.752546	-1.32882	0.293312	0.844024	-1.1848	0.884241	1.02292	1.02292	0.110647	0.763072	-1.31049	0.00269917	1.90562	1.90562	0.693295	1.0636	1.0636	3.56353	1.36564	0.340645	1
cg09604440	SYN3;SYN3;SYN3	1.45E-05	0.0014611	0.553134	-1.80788	0.0435055	0.741468	-1.34868	0.000578001	0.503537	-1.98595	0.0663887	0.766986	-1.30381	8.68E-05	0.403624	-2.47755	5.54E-05	0.38045	-2.62847	3.06E-07	0.145152	-6.88934	0.0119866	0.667728	-1.49761	0.000216614	0.451506	-2.21481	36.8485	9.68928	0.233732	1
cg16894211	SYN3;SYN3;SYN3	0.000753279	0.0460369	0.507648	-1.96987	0.0851592	1.7584	1.7584	0.0698939	0.548258	-1.82396	0.0410498	0.497041	-2.01191	1.72E-05	0.0733075	-13.6412	0.883456	0.957437	-1.04446	0.00139195	0.253194	-3.94955	0.219171	0.68169	-1.46694	0.101755	0.587905	-1.70096	12.7459	17.7501	1.23788	1
cg20904010	SYN3;SYN3;SYN3	0.00420094	0.770833	1.07336	1.07336	0.224857	0.734194	-1.36204	0.947732	0.984236	-1.01602	0.623478	0.886985	-1.12741	0.0238268	1.92261	1.92261	0.787739	1.0676	1.0676	0.490005	1.18525	1.18525	8.71E-05	0.181635	-5.50556	0.216685	0.72974	-1.37035	7.73718	7.1984	0.826991	1
cg12353802	SYN3;SYN3;SYN3	0.0121437	0.375586	1.15581	1.15581	0.00401519	0.540362	-1.85061	0.012236	0.608366	-1.64375	0.459395	0.886965	-1.12744	0.00509411	0.554628	-1.80301	0.323808	1.17617	1.17617	0.0158555	0.624693	-1.60079	0.0401501	0.685513	-1.45876	0.315047	0.847534	-1.17989	5.552	2.22947	0.356943	1
cg04078115	SYN3;SYN3;SYN3	0.0153614	0.00209437	0.208368	-4.7992	0.824205	1.08395	1.08395	0.0160632	0.343816	-2.90853	0.0335128	0.406581	-2.45954	0.00787041	0.290697	-3.44001	0.375211	0.719084	-1.39066	0.740275	0.886441	-1.12811	0.0105843	0.311924	-3.20591	0.123776	0.546617	-1.82943	5.14003	10.6883	1.84837	1
cg03356866	SYN3;SYN3;TIMP3;SYN3	0.040153	0.065257	0.576119	-1.73575	0.00353682	0.348701	-2.86778	0.550378	0.851295	-1.17468	0.693155	0.899723	-1.11145	0.598724	0.868061	-1.15199	0.139661	0.654746	-1.52731	0.188638	1.44937	1.44937	0.0123958	0.436314	-2.29193	0.391703	0.7915	-1.26342	3.67796	4.13561	0.999493	1
cg08687052	SYN3;TIMP3;SYN3;SYN3	0.000131932	0.00141434	0.620685	-1.61112	0.516996	0.93443	-1.07017	0.00245312	1.54494	1.54494	0.0999983	0.83023	-1.20449	0.0584569	0.801957	-1.24695	0.027904	0.764762	-1.3076	6.59E-06	2.81509	2.81509	0.88905	1.01451	1.01451	0.199301	0.869362	-1.15027	20.5549	3.46898	0.150014	1
cg14456116	SYN3;TIMP3;SYN3;SYN3	0.000491067	0.00015347	0.235944	-4.2383	0.583792	0.88415	-1.13103	0.0270774	0.558568	-1.79029	0.00170393	0.368929	-2.71055	0.010307	0.487057	-2.05315	0.0394793	0.588567	-1.69904	0.000270126	0.264644	-3.77866	7.36E-05	0.20108	-4.97315	0.0778023	0.646504	-1.54678	14.3622	11.2658	0.697253	1
cg07641497	SYN3;TIMP3;SYN3;SYN3	0.00129597	0.378306	0.794481	-1.25868	0.0046953	0.384277	-2.60229	0.0253854	0.508479	-1.96665	0.592379	0.871489	-1.14746	0.310558	0.765633	-1.30611	0.784282	1.07234	1.07234	0.00312086	2.79762	2.79762	7.63E-05	0.161176	-6.20439	0.672949	0.897575	-1.11411	10.9288	11.2126	0.911978	1
cg07972762	SYN3;TIMP3;SYN3;SYN3	0.00133556	0.0018134	0.210519	-4.75017	0.28474	0.676753	-1.47764	0.294026	0.682191	-1.46586	0.00325913	0.244258	-4.09403	0.00937404	0.314236	-3.18232	0.0338874	0.418824	-2.38764	0.000163287	0.104374	-9.58096	0.000318635	0.128997	-7.75209	0.0468764	0.449584	-2.22428	10.835	21.1875	1.73819	1
cg15004938	SYN3;TIMP3;SYN3;SYN3	0.00457144	0.0416486	0.618224	-1.61754	0.378862	0.831215	-1.20306	0.0687534	0.65894	-1.51759	0.275816	0.792841	-1.26129	0.333332	0.815189	-1.22671	0.326707	0.812748	-1.23039	0.0516399	0.63536	-1.57391	5.01E-05	0.210609	-4.74813	0.687058	0.920419	-1.08646	7.54158	5.0081	0.590281	1
cg27221424	SYN3;TIMP3;SYN3;SYN3	0.00616978	0.0133203	0.511963	-1.95327	0.868433	1.03686	1.03686	0.194049	0.740819	-1.34986	0.398235	0.827914	-1.20785	0.00275732	0.405867	-2.46386	0.665679	0.90945	-1.09957	0.000416988	0.294622	-3.39418	0.027419	0.565727	-1.76764	0.0136247	0.513589	-1.94708	6.87959	5.19408	0.67111	1
cg12498887	SYN3;TIMP3;SYN3;SYN3	0.0197438	0.0246383	0.299224	-3.34198	0.537597	1.32503	1.32503	0.428825	0.694766	-1.43933	0.022348	0.291065	-3.43566	0.176691	0.523337	-1.91081	0.11297	0.459404	-2.17673	0.00514147	0.188952	-5.29236	0.00266876	0.153715	-6.50555	0.112023	0.458298	-2.18199	4.7252	15.2137	2.86195	1
cg20761450	SYN3;TIMP3;SYN3;SYN3	0.0249995	0.472674	1.11311	1.11311	0.0751483	0.747728	-1.33738	0.319301	1.16299	1.16299	0.701388	1.05815	1.05815	0.109247	0.773979	-1.29203	0.0116226	0.629536	-1.58847	0.509979	1.10302	1.10302	0.00252749	0.540612	-1.84976	0.251182	0.838712	-1.1923	4.35727	1.48531	0.303005	1
cg20500237	SYN3;TIMP3;TIMP3;SYN3;SYN3	0.01846	0.318291	1.09766	1.09766	0.485428	0.937969	-1.06613	0.232795	1.11967	1.11967	0.00101283	0.6437	-1.55352	0.0186985	0.773011	-1.29364	0.041848	0.809046	-1.23602	0.22795	0.891965	-1.12112	0.307886	0.909055	-1.10004	0.976755	1.00264	1.00264	4.83389	0.624811	0.114895	1
cg22350438	SYNC;RBBP4;SYNC;RBBP4;RBBP4	0.0475118	0.433804	1.37325	1.37325	0.874234	1.06493	1.06493	0.00817506	3.83477	3.83477	0.0385725	2.58992	2.58992	0.945885	0.973402	-1.02732	0.529434	1.2879	1.2879	0.348345	1.46732	1.46732	0.00527723	4.30854	4.30854	0.0580685	2.34133	2.34133	3.45428	8.62831	2.22032	1
cg12634957	SYNC;SYNC	0.00550721	0.0595151	0.493035	-2.02825	0.000673719	0.177473	-5.63465	0.00194322	0.232819	-4.29519	0.745857	0.897511	-1.11419	0.00228293	0.242104	-4.13046	0.200616	0.637969	-1.56748	0.267199	0.680903	-1.46864	0.0250733	0.412252	-2.4257	0.849768	1.06508	1.06508	7.12469	12.4749	1.55639	1
cg05342835	SYNC;SYNC	0.00581081	0.0195751	0.263966	-3.78837	0.0283428	0.294614	-3.39428	0.0477142	0.343342	-2.91255	0.0845306	0.406209	-2.46179	0.000518721	0.077591	-12.8881	0.389721	0.659569	-1.51614	0.000744422	0.0891687	-11.2147	0.0417024	0.330048	-3.02986	0.343126	0.630567	-1.58587	7.00806	24.7442	3.1385	1
cg15058557	SYNC;SYNC	0.00817071	0.102272	0.708875	-1.41068	0.0458691	0.643798	-1.55328	0.00704356	0.511567	-1.95478	0.981412	0.995527	-1.00449	0.00245318	0.444491	-2.24976	0.0759521	0.683849	-1.46231	0.830569	1.04209	1.04209	0.00697306	0.510907	-1.9573	0.0417619	1.57079	1.57079	6.30211	3.69552	0.521239	1
cg11954384	SYNC;SYNC	0.0205098	0.960057	1.00836	1.00836	0.044143	1.46888	1.46888	0.00559951	1.83097	1.83097	0.233467	1.23086	1.23086	0.422652	0.872683	-1.14589	0.171312	0.784914	-1.27402	0.00708442	0.560701	-1.78348	0.769292	0.952273	-1.05012	0.455396	1.13475	1.13475	4.66445	2.04245	0.389224	1
cg04779013	SYNC;SYNC	0.0276878	0.472923	0.909168	-1.09991	0.0428674	0.737848	-1.35529	0.551608	1.08174	1.08174	0.00498992	0.615864	-1.62374	0.0920307	0.785112	-1.2737	0.0646222	0.762802	-1.31096	0.114351	1.2511	1.2511	0.214844	1.18569	1.18569	0.258613	1.1662	1.1662	4.20435	1.13303	0.239546	1
cg17339202	SYNC;SYNC	0.0474841	0.0215497	0.156357	-6.39562	0.0717516	0.258838	-3.86342	0.440006	0.588949	-1.69794	0.0508905	0.224209	-4.46013	0.00747366	0.098742	-10.1274	0.447333	0.594137	-1.68311	0.0115434	0.119607	-8.36071	0.0772737	0.267018	-3.74506	0.388387	0.551954	-1.81175	3.45504	24.73	6.36236	1
cg16590151	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP	0.000304534	0.362294	1.04447	1.04447	6.43E-05	0.7108	-1.40687	0.0513099	0.902019	-1.10862	0.52853	0.970763	-1.03012	0.847113	1.00901	1.00901	0.265337	0.947486	-1.05542	3.72E-05	1.44546	1.44546	0.542576	0.971763	-1.02906	0.648624	1.02155	1.02155	16.3827	0.560331	0.0304023	1
cg16957163	SYNE1;SYNE1	0.000232876	0.949577	0.986708	-1.01347	0.00414137	0.443367	-2.25547	0.000213736	0.270279	-3.69988	0.188501	1.34287	1.34287	1.09E-05	0.137659	-7.26433	0.00658724	0.474016	-2.10963	0.00161784	0.38435	-2.60179	0.219724	0.761053	-1.31397	0.0262731	0.572534	-1.74662	17.6273	12.4982	0.630248	1
cg02836767	SYNE1;SYNE1	0.000304219	0.0472103	0.598445	-1.671	0.0922064	1.52056	1.52056	0.0121335	0.493155	-2.02776	0.111401	0.675657	-1.48004	1.05E-05	0.118896	-8.41072	0.000226376	0.24999	-4.00016	0.00423998	0.420842	-2.37619	0.0659074	0.627165	-1.59448	0.0838004	0.648793	-1.54132	16.3874	13.2686	0.719722	1
cg15413940	SYNE1;SYNE1	0.000670539	0.000845769	0.417112	-2.39744	0.0125144	0.581961	-1.71833	0.00270411	0.485723	-2.05879	0.000294827	0.35791	-2.794	0.000994785	0.426485	-2.34475	0.0159843	0.598099	-1.67196	0.00010857	0.30467	-3.28224	0.376145	0.85362	-1.17148	0.209792	0.794273	-1.25901	13.1686	6.3332	0.427496	1
cg04955791	SYNE1;SYNE1	0.00804587	0.0125318	0.222958	-4.48515	0.51427	0.726437	-1.37658	0.148029	0.472419	-2.11677	0.70765	0.833563	-1.19967	0.000253993	0.0543133	-18.4117	0.578189	0.76229	-1.31184	0.00416369	0.156327	-6.39684	0.541075	0.741567	-1.3485	0.15729	0.481507	-2.07681	6.33274	23.4206	3.28741	1
cg20168283	SYNE1;SYNE1	0.0100268	0.123078	0.643006	-1.5552	0.268283	1.35637	1.35637	0.0890295	1.64177	1.64177	0.55841	0.85518	-1.16934	0.00379757	0.356265	-2.8069	0.72283	0.910155	-1.09871	0.000811513	0.263129	-3.80042	0.211206	0.705955	-1.41652	0.419654	0.804151	-1.24355	5.90557	6.53584	0.983755	1
cg23353893	SYNE1;SYNE1	0.0125392	0.0156236	0.510415	-1.95919	0.0707829	0.632505	-1.58101	0.666335	0.906265	-1.10343	0.810312	1.05607	1.05607	0.370241	0.811586	-1.23216	0.328365	0.795412	-1.25721	0.000273597	0.258538	-3.86791	0.706116	1.08975	1.08975	0.950854	1.01408	1.01408	5.49444	4.47952	0.724695	1
cg25591106	SYNE1;SYNE1	0.0136807	0.867702	0.955897	-1.04614	0.627618	0.876121	-1.14139	0.822872	1.06254	1.06254	0.978989	0.992901	-1.00715	0.00107729	0.270817	-3.69253	0.00208232	0.309674	-3.2292	0.0357529	0.516298	-1.93687	0.666554	1.12444	1.12444	0.404105	0.793763	-1.25982	5.34018	6.19072	1.03046	1
cg16251777	SYNE1;SYNE1	0.018395	0.744373	0.858016	-1.16548	0.00671383	5.18273	5.18273	0.0561204	2.7525	2.7525	0.864272	0.923047	-1.08337	0.0020544	0.131081	-7.63311	0.711081	0.840186	-1.19021	0.871266	1.07886	1.07886	0.593738	1.28659	1.28659	0.47066	1.40984	1.40984	4.83963	16.79	3.08379	1
cg02796568	SYNE1;SYNE1	0.0231625	0.0241684	0.100141	-9.98597	0.00287319	0.0298849	-33.4618	0.0548033	0.154961	-6.45325	0.11291	0.228299	-4.38023	0.0167227	0.0820504	-12.1876	0.0572124	0.158547	-6.30728	0.0173241	0.0836443	-11.9554	0.0336032	0.119458	-8.37112	0.05303	0.152274	-6.5671	4.47398	51.9272	10.3169	1
cg25977958	SYNE1;SYNE1	0.0245847	0.356953	1.17108	1.17108	0.698204	0.937114	-1.06711	0.619125	1.08712	1.08712	0.0811034	0.724429	-1.3804	0.00657833	0.555284	-1.80088	0.00492004	0.537388	-1.86085	0.180409	1.26757	1.26757	0.251812	1.22086	1.22086	0.808825	1.04123	1.04123	4.38267	1.92871	0.391178	1
cg12577469	SYNE1;SYNE1	0.0285332	0.0351329	0.552749	-1.80914	0.114289	0.66342	-1.50734	0.406774	0.81808	-1.22237	0.952773	0.986132	-1.01406	0.008878	0.44202	-2.26234	0.00594684	0.412342	-2.42517	0.0651049	0.608195	-1.64421	0.0152705	0.483909	-2.06651	0.0173977	0.4943	-2.02306	4.58745	3.95416	0.670408	1
cg27316956	SYNE1;SYNE1	0.0340689	0.0565335	0.232575	-4.29969	0.171936	2.67096	2.67096	0.565135	1.48124	1.48124	0.667576	0.746833	-1.33899	0.00714184	0.095631	-10.4569	0.397171	0.556687	-1.79634	0.00685906	0.093905	-10.6491	0.121798	0.322008	-3.10551	0.211979	0.411357	-2.43098	3.90499	28.2312	6.42624	1
cg13929566	SYNE1;SYNE1	0.0496224	0.342171	0.825213	-1.21181	0.838975	1.04075	1.04075	0.110628	1.4067	1.4067	0.411809	0.848128	-1.17907	0.94348	1.01402	1.01402	0.00227249	0.432568	-2.31178	0.199582	1.30477	1.30477	0.961388	1.00955	1.00955	0.291482	1.23969	1.23969	3.3979	2.07358	0.542447	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)
cg03003217	SYNE1;SYNE1;SYNE1	9.24E-06	0.372524	0.926788	-1.079	2.41E-06	0.386317	-2.58855	0.000339273	0.619097	-1.61526	0.157038	0.881893	-1.13392	0.0268182	0.80427	-1.24336	0.0789869
cg07586863	SYNE1;SYNE1;SYNE1	6.04E-05	0.162695	0.768641	-1.301	0.00036832	0.365343	-2.73716	0.000971164	0.42032	-2.37914	0.000352704	2.75523	2.75523	3.71E-05	0.246578	-4.05552	0.0126389
cg16017287	SYNE1;SYNE1;SYNE1	0.000365354	0.0446657	0.651607	-1.53467	0.491454	1.13865	1.13865	0.936046	0.985199	-1.01502	0.494105	0.878952	-1.13772	3.77E-06	0.134471	-7.43657	0.75361
cg25206562	SYNE1;SYNE1;SYNE1	0.000437423	0.00882689	2.2361	2.2361	0.00136658	3.06939	3.06939	0.859092	1.04383	1.04383	0.267667	1.32143	1.32143	4.05E-05	0.150913	-6.62632	0.086247
cg05917732	SYNE1;SYNE1;SYNE1	0.00424749	0.000406208	0.453653	-2.20433	0.0107122	0.6369	-1.5701	0.424941	0.891712	-1.12144	0.97238	1.00488	1.00488	0.933552	0.988339	-1.0118	0.352355
cg03309932	SYNE1;SYNE1;SYNE1	0.0161633	0.0412681	0.564556	-1.7713	0.067779	0.608445	-1.64353	0.734502	1.08618	1.08618	0.0693261	0.610526	-1.63793	0.00916792	0.447723	-2.23352	0.00118008
cg26620959	SYNE1;SYNE1;SYNE1	0.0287312	0.0457588	0.520934	-1.91963	0.349432	1.31559	1.31559	0.044344	1.93032	1.93032	0.963091	1.01326	1.01326	0.062668	0.550733	-1.81576	0.927099
cg11318342	SYNE1;SYNE1;SYNE1	0.0338685	0.509633	1.36653	1.36653	0.0223474	3.58917	3.58917	0.420277	1.46873	1.46873	0.535771	1.3401	1.3401	0.0351917	0.318127	-3.1434	0.112434
cg25743221	SYNE1;SYNE1;SYNE1;SYNE1	6.26E-05	0.000719129	0.688874	-1.45164	2.19E-05	1.85404	1.85404	0.59688	0.96209	-1.0394	0.226803	0.912213	-1.09624	6.16E-05	0.585626	-1.70758	0.00041994
cg15054873	SYNE1;SYNE1;SYNE1;SYNE1	8.49E-05	2.70E-05	0.395246	-2.53007	0.00354269	0.642168	-1.55723	0.000362614	0.527019	-1.89747	0.033014	0.756278	-1.32227	0.119273	1.20856	1.20856	7.78E-05
cg22659852	SYNE1;SYNE1;SYNE1;SYNE1	0.00362203	0.68774	1.12706	1.12706	0.0380457	2.03793	2.03793	0.0341865	2.07848	2.07848	0.724115	0.9004	-1.11062	0.000517234	0.201186	-4.97053	0.146359
cg01513802	SYNE1;SYNE1;SYNE1;SYNE1	0.00466293	0.00118675	0.356373	-2.80605	0.519929	0.867994	-1.15208	0.032455	0.580761	-1.72188	0.02161	0.549519	-1.81977	0.00359374	0.424963	-2.35315	0.00208284
cg13144143	SYNE2;SYNE2	0.000515353	0.000233778	0.138362	-7.22742	0.00584327	0.310468	-3.22095	0.0485437	0.48173	-2.07585	0.770415	0.909513	-1.09949	6.88E-05	0.09455	-10.5764	0.00218018
cg13792596	SYNE2;SYNE2	0.00224817	0.0199836	0.566618	-1.76486	0.000105192	0.250046	-3.99927	0.00860304	0.507671	-1.96978	0.177691	1.33616	1.33616	0.0968657	0.691633	-1.44585	0.00354857
cg02464912	SYNE2;SYNE2	0.00469036	0.00317448	0.656927	-1.52224	0.959743	1.00528	1.00528	0.0879094	1.21698	1.21698	0.0058383	0.686376	-1.45693	0.804105	0.974421	-1.02625	0.249105
cg19704709	SYNE2;SYNE2	0.00500498	0.240529	1.40873	1.40873	0.000418381	0.210102	-4.7596	0.0313193	0.494385	-2.02271	0.532179	1.19299	1.19299	0.00780409	0.385792	-2.59207	0.0753698
ch.14.849914F	SYNE2;SYNE2	0.00848468	0.00107972	0.206212	-4.84938	0.0100011	0.345142	-2.89736	0.0466399	0.474617	-2.10696	0.0039828	0.281871	-3.54773	0.0109027	0.351549	-2.84455	0.117269
cg13037437	SYNE2;SYNE2	0.00878977	0.916048	0.972061	-1.02874	0.00110949	0.274876	-3.63801	0.0125285	0.434024	-2.30402	0.37361	1.27819	1.27819	0.0020443	0.310988	-3.21555	0.228406
cg18885540	SYNE2;SYNE2	0.0126718	0.630156	1.03962	1.03962	0.0111889	0.775225	-1.28995	0.788685	0.978716	-1.02175	0.0438036	1.20392	1.20392	0.000728047	0.662697	-1.50899	0.384689
cg16725974	SYNE2;SYNE2	0.0145563	0.0347359	0.479042	-2.0875	0.0870018	0.568305	-1.75962	0.116569	1.66505	1.66505	0.383361	1.3064	1.3064	0.00976511	0.37642	-2.6566	0.784018
cg05915593	SYNE2;SYNE2	0.0154789	0.0426485	0.515589	-1.93953	0.00135635	0.267023	-3.745	0.0068382	0.369958	-2.70301	0.081812	0.578456	-1.72874	0.0195717	0.448995	-2.2272	0.121127
cg18110741	SYNE2;SYNE2	0.0174692	0.835594	0.923753	-1.08254	0.00136569	0.169756	-5.8908	0.00695767	0.2638	-3.79075	0.606094	0.819945	-1.21959	0.433124	1.35701	1.35701	0.507488
cg10771480	SYNE2;SYNE2	0.0216304	0.24425	0.49882	-2.00473	0.264229	1.94331	1.94331	0.107257	2.72839	2.72839	0.537031	0.699862	-1.42885	0.0454135	0.269778	-3.70676	0.427431
cg18371424	SYNE2;SYNE2	0.0254705	0.102697	0.505103	-1.9798	0.00901707	0.280854	-3.56057	0.0150695	0.318967	-3.13512	0.558942	0.797667	-1.25366	0.0034078	0.218185	-4.58326	0.0514284
cg14008998	SYNE2;SYNE2	0.0263294	0.0735575	0.507566	-1.97019	0.0527802	0.473157	-2.11346	0.901307	0.958705	-1.04307	0.780513	0.909414	-1.09961	0.00210181	0.229809	-4.35144	0.348779
cg09366982	SYNE2;SYNE2	0.0320752	0.701178	0.861373	-1.16094	0.00306136	0.208116	-4.80502	0.0024387	0.19543	-5.11693	0.154988	0.554849	-1.80229	0.184852	0.580257	-1.72337	0.822961
cg16503753	SYNE2;SYNE2	0.035309	0.144169	0.4539	-2.20313	0.708494	1.20814	1.20814	0.077706	2.68348	2.68348	0.0452505	0.314601	-3.17863	0.067576	0.356656	-2.80382	0.350346
cg18923105	SYNE2;SYNE2	0.0371938	0.0225951	0.232821	-4.29515	0.00716411	0.156704	-6.38146	0.0376449	0.276049	-3.62255	0.326562	0.582362	-1.71715	0.0229919	0.234186	-4.27012	0.157561
cg00851532	SYNE2;SYNE2;SYNE2	0.00203556	0.942369	1.01156	1.01156	0.000161559	0.35918	-2.78412	0.000996687	0.459705	-2.17531	0.289625	0.839686	-1.19092	0.00666107	0.571387	-1.75013	0.142973
cg21147364	SYNE2;SYNE2;SYNE2	0.00251664	0.456371	0.868953	-1.15081	0.0499845	0.661064	-1.51271	0.000834459	0.394109	-2.53737	0.00254524	0.460532	-2.1714	0.00126703	0.418538	-2.38927	0.00838828
cg25056332	SYNE2;SYNE2;SYNE2;SYNE2	0.0274743	0.28756	0.851269	-1.17472	0.0309627	0.691148	-1.44687	0.280529	0.849099	-1.17772	0.0552509	0.728405	-1.37286	0.815259	1.03472	1.03472	0.455444
cg08238265	SYNE2;SYNE2;SYNE2;SYNE2;SYNE2	0.000137698	0.0314928	0.839346	-1.1914	0.0425452	1.17602	1.17602	0.0466625	0.853718	-1.17135	0.0100862	1.25283	1.25283	0.0247886	1.20385	1.20385	0.000420415
cg21055933	SYNE2;SYNE2;SYNE2;SYNE2;SYNE2	0.00265301	0.0182976	0.636307	-1.57157	0.00181472	0.496605	-2.01367	0.00337937	0.532999	-1.87618	0.164461	0.791238	-1.26384	0.000987181	0.461648	-2.16615	0.00610403
cg01628905	SYNGAP1	7.62E-06	9.07E-05	0.443041	-2.25713	0.0281923	1.35188	1.35188	0.408162	1.10343	1.10343	0.968447	1.00461	1.00461	9.56E-07	0.222311	-4.49821	1.55E-05
cg19343809	SYNGAP1	3.96E-05	0.692015	1.03385	1.03385	0.000389658	0.623214	-1.60459	0.908099	1.0097	1.0097	0.0148863	1.28461	1.28461	0.729453	1.02946	1.02946	0.531299
cg19078420	SYNGAP1	4.71E-05	0.00139873	0.432782	-2.31063	0.00739894	0.535594	-1.86709	0.087934	0.711225	-1.40603	0.486479	0.879901	-1.13649	0.000299278	0.344894	-2.89945	0.000345648
cg16625524	SYNGAP1	0.00010769	4.73E-05	0.305065	-3.27799	0.121238	0.770931	-1.29713	0.22444	1.21846	1.21846	0.671313	1.06833	1.06833	1.41E-05	0.246215	-4.06149	0.00128052
cg03200136	SYNGAP1	0.000639804	0.735115	0.913186	-1.09507	0.756126	0.920061	-1.08688	0.295368	0.748106	-1.33671	0.00856479	0.407823	-2.45204	1.49E-05	0.0904431	-11.0567	0.0376597
cg08105217	SYNGAP1	0.00064537	0.000630801	0.209237	-4.77928	0.000143986	0.136621	-7.31954	0.0104865	0.395976	-2.52541	0.00146223	0.258386	-3.87017	0.000304307	0.171198	-5.84118	0.00108772
cg08937273	SYNGAP1	0.00101379	0.239252	1.27812	1.27812	0.287747	0.802706	-1.24579	0.496322	0.871508	-1.14744	0.0380363	0.619495	-1.61422	0.00167789	0.408845	-2.44591	0.315017
cg11386390	SYNGAP1	0.00114463	0.00173641	0.346584	-2.88531	0.652476	1.11354	1.11354	0.012457	0.478214	-2.09111	0.213045	0.732636	-1.36493	0.150818	1.44091	1.44091	0.285365
cg27530576	SYNGAP1	0.00135004	0.0933091	0.449173	-2.22632	0.0604903	2.50364	2.50364	0.25197	1.68011	1.68011	0.318998	0.639852	-1.56286	0.0412827	0.36037	-2.77492	0.850811
cg05538358	SYNGAP1	0.00139257	0.259914	1.37085	1.37085	0.142096	1.52749	1.52749	0.00326934	0.34092	-2.93324	0.010258	2.38322	2.38322	0.000585639	0.240191	-4.16335	0.00108154
cg01157525	SYNGAP1	0.00239259	0.618849	1.12262	1.12262	0.625055	1.1203	1.1203	0.94355	0.9838	-1.01647	0.00821103	0.458443	-2.18129	0.0257576	0.54294	-1.84182	0.000746517
cg02064543	SYNGAP1	0.00273202	0.437355	1.34449	1.34449	0.962889	1.01754	1.01754	0.700727	1.15522	1.15522	0.64483	1.18937	1.18937	0.684751	0.858557	-1.16474	2.98E-05
cg14425347	SYNGAP1	0.00337453	0.0792902	0.749333	-1.33452	0.0395314	1.4229	1.4229	0.235252	1.20235	1.20235	0.54877	0.914046	-1.09404	0.188678	0.813586	-1.22913	0.533364
cg21029167	SYNGAP1	0.00421055	0.000768011	0.249472	-4.00846	0.0512647	1.83106	1.83106	0.0873412	1.67263	1.67263	0.0316798	1.98664	1.98664	0.12699	0.637743	-1.56803	0.0179136
cg09228194	SYNGAP1	0.0047384	0.0659465	0.416505	-2.40093	0.0783239	0.435915	-2.29403	0.0714527	0.425434	-2.35054	0.132732	0.502231	-1.99112	0.00033199	0.085498	-11.6962	0.00830534
cg07409643	SYNGAP1	0.00576408	0.42732	1.44712	1.44712	0.877491	1.07288	1.07288	0.0922565	2.32804	2.32804	0.0810098	2.41623	2.41623	0.00829223	0.21458	-4.66027	0.0893081
cg06580074	SYNGAP1	0.00692895	0.0267058	0.6354	-1.57381	0.00176875	0.463411	-2.15791	0.503464	1.12443	1.12443	0.0946543	1.37341	1.37341	0.00354845	0.50532	-1.97894	0.285088
cg03369055	SYNGAP1	0.00701732	0.884708	1.03112	1.03112	0.0508223	1.59984	1.59984	0.0386298	1.65845	1.65845	0.0012567	0.369824	-2.70399	0.991458	1.00226	1.00226	0.11276
cg19467203	SYNGAP1	0.00793789	0.158364	0.719128	-1.39057	0.108957	0.682343	-1.46554	0.883481	1.03259	1.03259	0.336365	1.24202	1.24202	0.000363174	0.286614	-3.48902	0.0142747
cg10502710	SYNGAP1	0.0082371	0.000821501	0.180081	-5.55307	0.00206626	0.228673	-4.37305	0.78662	1.09667	1.09667	0.0894822	1.89032	1.89032	0.535569	1.23784	1.23784	0.986679
cg15448210	SYNGAP1	0.00838783	0.183891	0.669634	-1.49335	0.533914	1.19627	1.19627	0.0828627	0.579082	-1.72687	0.60903	0.863517	-1.15805	0.0920508	0.590053	-1.69476	0.308318
cg24198941	SYNGAP1	0.0104476	0.963861	1.01115	1.01115	0.00430848	2.54438	2.54438	0.21012	1.38147	1.38147	0.00409387	2.56647	2.56647	0.820918	0.946035	-1.05704	0.0247952
cg11313411	SYNGAP1	0.0106298	0.104787	0.752957	-1.3281	0.679208	1.06882	1.06882	0.698858	0.939675	-1.0642	0.919724	1.01627	1.01627	0.162225	0.787541	-1.26977	0.00458398
cg18902579	SYNGAP1	0.012735	0.93073	1.02101	1.02101	0.402932	1.22711	1.22711	0.0314728	1.82801	1.82801	0.00834067	2.23912	2.23912	0.0144224	0.486276	-2.05645	0.476788
cg03866862	SYNGAP1	0.0135941	0.136876	0.583637	-1.71339	0.0810911	1.91537	1.91537	0.50071	1.2582	1.2582	0.583612	0.830265	-1.20444	0.16592	0.608659	-1.64296	0.523154
cg01234945	SYNGAP1	0.0136023	0.836668	1.05114	1.05114	0.0428621	0.569423	-1.75616	0.20258	0.722503	-1.38408	0.154874	0.692223	-1.44462	0.431851	0.823802	-1.21388	0.78465
cg14823740	SYNGAP1	0.0143182	0.0317727	0.4154	-2.40732	0.304289	0.689811	-1.44967	0.997454	1.00111	1.00111	0.134321	0.569197	-1.75686	0.168723	0.599378	-1.6684	0.00865395
cg14210130	SYNGAP1	0.0154222	0.0196602	0.361822	-2.76379	0.0341361	2.43956	2.43956	0.00442535	3.93601	3.93601	0.206101	1.61786	1.61786	0.387852	0.72668	-1.37612	0.0464012
cg14928932	SYNGAP1	0.0155726	0.489046	1.24084	1.24084	0.610764	1.17071	1.17071	0.754172	0.908054	-1.10126	0.691445	0.884716	-1.13031	0.578006	0.841518	-1.18833	0.943269
cg12837744	SYNGAP1	0.0182636	0.162096	0.830579	-1.20398	0.517576	0.921655	-1.085	0.211347	1.17792	1.17792	0.287658	0.871722	-1.14715	0.0597453	0.767828	-1.30238	0.832893
cg05181025	SYNGAP1	0.0228147	0.441065	1.28947	1.28947	0.467023	1.27052	1.27052	0.243295	0.672557	-1.48686	?	?	?	0.107009	0.562433	-1.77799	0.0705616
cg27051937	SYNGAP1	0.0245526	0.108294	0.538484	-1.85706	0.697977	1.14772	1.14772	0.373438	0.724105	-1.38102	0.935768	0.971924	-1.02889	0.00135205	0.19312	-5.17813	0.0355702
cg08852765	SYNGAP1	0.0253349	0.0883764	0.657894	-1.52	0.013263	1.98084	1.98084	0.0874039	1.52235	1.52235	0.493604	1.16746	1.16746	0.00717123	0.461574	-2.1665	0.56854
cg20890869	SYNGAP1	0.0253784	0.815514	0.969139	-1.03184	0.675108	1.05817	1.05817	0.00203477	0.557996	-1.79213	0.817873	0.969536	-1.03142	0.905052	1.01613	1.01613	0.527906
cg08813936	SYNGAP1	0.0263914	0.0186315	0.622542	-1.60632	0.881674	1.02506	1.02506	0.160133	1.28321	1.28321	0.183511	1.26425	1.26425	0.0164762	0.614515	-1.6273	0.0742799
cg26140911	SYNGAP1	0.0270462	0.128265	0.866966	-1.15345	0.13491	0.86941	-1.15021	0.0409359	1.22734	1.22734	0.0167156	1.2887	1.2887	0.0636406	0.834394	-1.19847	0.156775
cg26359432	SYNGAP1	0.0292293	0.0583458	1.37838	1.37838	0.220858	0.824423	-1.21297	0.334805	1.16092	1.16092	0.142486	0.789386	-1.26681	0.0654835	1.36362	1.36362	0.0040198
cg14848259	SYNGAP1	0.0302204	0.140836	0.770638	-1.29763	0.0111722	0.592716	-1.68715	0.00101257	0.448399	-2.23016	0.572794	0.910531	-1.09826	0.159321	0.780846	-1.28066	0.728203
cg26888941	SYNGAP1	0.0326242	0.188891	1.702	1.702	0.0185452	2.97675	2.97675	0.00453975	4.2396	4.2396	0.0626709	2.22622	2.22622	0.70509	0.864793	-1.15635	0.153408
cg17235827	SYNGAP1	0.035151	0.332371	0.752145	-1.32953	0.000645483	4.44122	4.44122	0.591618	0.857056	-1.16679	0.994199	0.997931	-1.00207	0.366035	1.3028	1.3028	0.177529
cg03505346	SYNGAP1	0.0393374	0.184415	0.794939	-1.25796	0.143963	1.29162	1.29162	0.169648	0.787837	-1.2693	0.854286	1.03042	1.03042	0.647268	0.927655	-1.07799	0.30177
cg11586890	SYNGAP1	0.0411625	0.205186	0.753813	-1.32659	0.0767763	0.659593	-1.51609	0.539057	1.14052	1.14052	0.380058	1.20971	1.20971	0.134856	0.71119	-1.40609	0.811092
cg25990985	SYNGAP1	0.0467664	0.0183197	0.250917	-3.98539	0.846688	1.09799	1.09799	0.903919	1.06006	1.06006	0.331725	1.62196	1.62196	0.056667	0.352792	-2.83453	0.06464
cg27612166	SYNGAP1	0.0483031	0.536007	0.880801	-1.13533	0.195074	0.757624	-1.31992	0.636752	1.10114	1.10114	0.0471514	0.631258	-1.58414	0.00451786	0.464689	-2.15198	0.291777
cg19301742	SYNGAP1;ZBTB9	0.0197478	0.00527847	0.23444	-4.26549	0.058285	0.429989	-2.32564	0.0505061	0.415161	-2.40871	0.70808	0.862123	-1.15993	0.0256947	0.351659	-2.84366	0.133288
cg00769012	SYNGR1	0.022439	0.162892	0.539516	-1.85351	0.0450167	2.59333	2.59333	0.627521	0.816632	-1.22454	0.613578	0.809815	-1.23485	0.00416295	0.203714	-4.90884	0.47266
cg10186219	SYNGR1;SYNGR1;SYNGR1	0.0199012	0.977861	1.0104	1.0104	0.102719	0.513976	-1.94562	0.0205607	0.35344	-2.82934	0.0598778	0.453182	-2.20662	0.0149876	0.327942	-3.04932	0.0666296
cg23668057	SYNGR2	0.000873012	0.000283855	0.064515	-15.5003	0.00074107	0.0936612	-10.6768	0.014287	0.247439	-4.0414	0.0412856	0.336858	-2.96861	0.000618679	0.0875502	-11.422	0.00294049
cg02220125	SYNGR2	0.00185422	0.00140133	0.272612	-3.66821	0.00176495	0.286161	-3.49453	0.0194032	0.452067	-2.21206	0.222647	0.6977	-1.43328	0.000850106	0.24456	-4.08897	0.0105386
cg01680448	SYNGR2	0.00740809	0.00893593	0.391562	-2.55387	0.0752936	0.572181	-1.7477	0.00727487	0.376831	-2.65371	0.0856876	0.585381	-1.70829	0.0491622	0.530968	-1.88335	0.45726
cg15555014	SYNGR2	0.010179	0.00139146	0.176893	-5.65314	0.00803906	0.280916	-3.55979	0.0582033	0.449122	-2.22657	0.36041	0.703573	-1.42132	0.0188884	0.345327	-2.89581	0.123195
cg09336056	SYNGR2	0.0413227	0.062886	1.20408	1.20408	0.0661959	0.832869	-1.20067	0.360842	0.920015	-1.08694	0.539729	1.05664	1.05664	0.242022	1.1148	1.1148	0.0877408
cg27190967	SYNGR3	0.00512118	0.145936	0.401711	-2.48935	0.00552304	8.42068	8.42068	0.0360007	4.15807	4.15807	0.0299424	4.44662	4.44662	0.16554	0.421437	-2.37284	0.789869
cg26470314	SYNGR3	0.00572469	0.15097	0.553804	-1.80569	0.00491749	4.18142	4.18142	0.00644852	3.89692	3.89692	0.0446798	2.42301	2.42301	0.527599	0.782125	-1.27857	0.253565
cg18637244	SYNGR3	0.00585068	0.944766	0.985252	-1.01497	0.00452676	2.2505	2.2505	0.288425	1.26658	1.26658	0.614552	1.11503	1.11503	0.062166	1.56873	1.56873	0.246499
cg07099827	SYNGR3	0.00855555	0.00346623	0.267683	-3.73576	0.256604	1.48184	1.48184	0.369637	0.736373	-1.35801	0.722064	0.888139	-1.12595	0.732105	1.1209	1.1209	0.0409269
cg04519296	SYNGR3	0.038375	0.0388393	3.76721	3.76721	0.96235	0.974165	-1.02652	0.537944	1.41313	1.41313	0.13398	2.45018	2.45018	0.021337	4.63681	4.63681	0.0251812
cg07259398	SYNGR3;SYNGR3	6.61E-06	0.000440644	0.713491	-1.40156	0.0446263	1.15054	1.15054	0.098657	1.11643	1.11643	0.372461	1.05727	1.05727	0.000480881	0.716682	-1.39532	0.0789455
cg08685955	SYNGR4	0.0478091	0.415801	0.813013	-1.22999	0.00300847	2.75246	2.75246	0.329444	0.778409	-1.28467	0.377484	1.25281	1.25281	0.0950014	0.63341	-1.57876	0.564273
cg03048029	SYNJ1;SYNJ1;SYNJ1;SYNJ1	6.94E-05	0.234345	1.2319	1.2319	0.00205383	2.06794	2.06794	0.000218397	0.356585	-2.80438	0.69601	0.936422	-1.0679	6.16E-05	0.290416	-3.44334	0.000569917
cg00183355	SYNJ1;SYNJ1;SYNJ1;SYNJ1	0.000362071	0.243352	1.18928	1.18928	0.509045	0.909262	-1.09979	0.109962	0.780824	-1.2807	0.00256857	0.55229	-1.81064	0.137631	1.25488	1.25488	9.56E-06
cg03847009	SYNJ1;SYNJ1;SYNJ1;SYNJ1	0.010317	0.755747	1.10455	1.10455	0.72068	1.12126	1.12126	0.456142	1.27531	1.27531	0.252175	0.679211	-1.4723	0.564206	1.20476	1.20476	0.000308663
cg08799270	SYNJ1;SYNJ1;SYNJ1;SYNJ1	0.0201166	0.972139	1.00639	1.00639	0.0531844	1.49243	1.49243	0.00958571	1.81816	1.81816	0.0734301	0.695014	-1.43882	0.171925	1.3035	1.3035	0.0136936
cg11059343	SYNJ1;SYNJ1;SYNJ1;SYNJ1	0.0487897	0.166778	0.753156	-1.32775	0.0723277	1.4706	1.4706	0.0929525	1.42684	1.42684	0.140816	0.73739	-1.35613	0.0267984	1.65614	1.65614	0.397119
cg11406216	SYNJ2	9.09E-05	0.0760417	0.703741	-1.42098	0.0375093	1.53656	1.53656	0.0428293	0.660424	-1.51418	0.152777	1.31328	1.31328	8.36E-06	0.177569	-5.63163	0.000108229
cg03682872	SYNJ2	0.000373004	0.00987457	0.53258	-1.87765	0.475217	0.869091	-1.15063	0.86287	0.967146	-1.03397	2.37E-05	0.196017	-5.1016	0.575495	1.11552	1.11552	0.0396739
cg10977795	SYNJ2	0.000787269	0.000267535	0.0534771	-18.6996	0.0531991	0.341182	-2.93098	0.0179701	0.244745	-4.08589	0.00670519	0.178809	-5.59256	0.000436966	0.0658257	-15.1916	0.0136093
cg06766817	SYNJ2	0.00343834	0.0718277	0.497658	-2.00941	0.00115104	0.190374	-5.25281	0.0958978	0.529946	-1.88698	0.345441	0.713629	-1.40129	0.000547951	0.155033	-6.45023	0.00602137
cg09667606	SYNJ2	0.00357484	0.00658354	0.147369	-6.78571	0.310304	0.565694	-1.76774	0.0250858	0.2355	-4.24628	0.0279351	0.24427	-4.09383	0.00289448	0.108347	-9.2296	0.0150649
cg14533068	SYNJ2	0.00485134	0.0182046	0.158735	-6.29983	0.00615586	0.100836	-9.9171	0.287152	0.491874	-2.03304	0.0725132	0.276246	-3.61997	0.0016253	0.0550732	-18.1576	0.0187622
cg26701785	SYNJ2	0.00643053	0.0444099	3.43308	3.43308	0.127226	2.41378	2.41378	0.453867	0.665228	-1.50324	0.0691804	2.96323	2.96323	0.869318	0.915787	-1.09196	0.246605
cg25028766	SYNJ2	0.00700994	0.668085	0.870847	-1.14831	0.154388	1.63028	1.63028	0.144122	1.65377	1.65377	0.036899	0.459754	-2.17508	0.0002245	0.139724	-7.15697	0.209858
cg22353143	SYNJ2	0.00874344	0.0654281	0.759867	-1.31602	0.433215	1.11205	1.11205	0.0583005	1.32862	1.32862	0.053647	0.747515	-1.33777	0.00184307	0.555836	-1.79909	0.00602837
cg16811621	SYNJ2	0.00969686	0.206057	0.75121	-1.33119	0.0380221	1.67504	1.67504	0.060301	1.57523	1.57523	0.119177	0.695802	-1.43719	0.0667069	0.643439	-1.55415	0.00335485
cg11723077	SYNJ2	0.0111209	0.0150197	0.251329	-3.97885	0.0194494	0.271156	-3.68791	0.154521	0.494596	-2.02185	0.129672	0.469396	-2.1304	0.00666978	0.196703	-5.0838	0.0310012
cg04296321	SYNJ2	0.0150885	0.027655	0.664035	-1.50594	0.0077571	1.71202	1.71202	0.00210956	1.97355	1.97355	0.499578	1.11379	1.11379	0.729321	1.05614	1.05614	0.676026
cg09902448	SYNJ2	0.0161954	0.734039	1.05449	1.05449	0.129781	1.29	1.29	0.0924389	0.749659	-1.33394	0.417477	0.879042	-1.1376	0.0226298	0.653978	-1.5291	0.00177727
cg15824056	SYNJ2	0.0161981	0.031718	5.34632	5.34632	0.0289344	5.55434	5.55434	0.167865	2.66063	2.66063	0.180937	2.57459	2.57459	0.0300159	5.47023	5.47023	0.0339558
cg22307058	SYNJ2	0.0212005	0.00423004	0.4745	-2.10748	0.179948	1.31947	1.31947	0.44881	0.860484	-1.16214	0.346851	1.20753	1.20753	0.08056	0.685708	-1.45835	0.0159968
cg03920445	SYNJ2	0.0259709	0.14329	0.699657	-1.42927	0.00188838	0.367814	-2.71876	0.00450142	0.423224	-2.36282	0.248596	0.760432	-1.31504	0.268938	0.769934	-1.29881	0.92543
cg00407393	SYNJ2	0.0272364	0.687896	0.866501	-1.15407	0.333863	1.4243	1.4243	0.774311	1.1074	1.1074	0.29253	0.678754	-1.47329	0.0104862	0.318858	-3.13619	0.250189
cg10799846	SYNJ2	0.0274332	0.442678	1.19947	1.19947	0.0374631	0.570636	-1.75243	0.214784	0.738277	-1.35451	0.0341304	0.563	-1.7762	0.0760729	1.58196	1.58196	0.251408
cg14420357	SYNJ2	0.0329003	0.0915583	0.491257	-2.03559	0.65517	1.18764	1.18764	0.556766	0.796615	-1.25531	0.850075	1.07508	1.07508	0.00649489	0.258352	-3.87069	0.0627577
cg12002139	SYNJ2	0.0354501	0.115957	0.563219	-1.77551	0.0210233	0.393485	-2.5414	0.0126883	0.353153	-2.83163	0.415577	0.756084	-1.3226	0.014843	0.365312	-2.73739	0.132509
cg09198138	SYNJ2	0.0434349	0.0366963	0.2402	-4.16321	0.220515	2.13164	2.13164	0.787189	1.17234	1.17234	0.550808	0.701413	-1.42569	0.0186383	0.187146	-5.34342	0.0297379
cg03419232	SYNJ2	0.0447045	0.168978	0.580478	-1.72272	0.337556	1.4433	1.4433	0.365892	1.41168	1.41168	0.204082	0.608088	-1.6445	0.0545122	0.445037	-2.24701	0.00406531
cg06633162	SYNJ2	0.0481245	0.30534	1.41921	1.41921	0.0745417	0.519299	-1.92567	0.0275569	2.36203	2.36203	0.109776	1.77717	1.77717	0.296191	0.69958	-1.42943	0.141161
cg27064744	SYNJ2BP	0.000130488	0.445187	0.8716	-1.14732	8.53E-06	0.180792	-5.53121	7.07E-05	0.278045	-3.59654	0.925969	0.983723	-1.01655	0.00020758	0.334033	-2.99372	0.284895
cg08816248	SYNJ2BP	0.0112513	0.574779	0.851953	-1.17377	0.00173042	3.53689	3.53689	0.00381709	3.01191	3.01191	0.737459	1.09977	1.09977	0.112443	0.613567	-1.62981	0.252555
cg06934680	SYNJ2BP	0.0124969	0.578119	1.15568	1.15568	0.00403935	0.369911	-2.70335	0.0140925	0.458214	-2.18238	0.952767	0.98486	-1.01537	0.00126098	0.297492	-3.36143	0.976929
cg25576086	SYNJ2BP	0.0156229	0.00703764	0.200282	-4.99295	0.00737503	0.203186	-4.92159	0.0746585	0.399922	-2.50049	0.554666	1.3176	1.3176	0.0244716	0.290231	-3.44554	0.134969
cg05151393	SYNJ2BP	0.0469655	0.148181	0.646564	-1.54664	0.0132872	2.36911	2.36911	0.0173923	2.25722	2.25722	0.612713	0.866313	-1.15432	0.350538	0.763276	-1.31014	0.107799
cg16326609	SYNJ2BP;SYNJ2BP	0.00666968	0.649727	0.912574	-1.0958	0.0058748	2.05729	2.05729	0.123004	1.39703	1.39703	0.740972	1.06863	1.06863	0.00419602	2.15413	2.15413	0.0714629
cg02015876	SYNM;SYNM	0.00100248	0.0192162	0.806131	-1.24049	0.0126354	1.26602	1.26602	0.00021523	1.59992	1.59992	0.229534	0.908534	-1.10067	0.108807	0.875411	-1.14232	0.876979
cg00802617	SYNM;SYNM	0.00123934	0.0271314	0.764412	-1.3082	0.0150085	1.35946	1.35946	0.318483	0.899516	-1.11171	0.00614506	1.44365	1.44365	0.722926	0.964096	-1.03724	0.0284829
cg10153250	SYNM;SYNM	0.00592186	0.0816929	1.78419	1.78419	0.00069135	4.73076	4.73076	0.000605472	4.88618	4.88618	0.229869	1.45942	1.45942	0.237119	0.689583	-1.45015	0.877595
cg01348004	SYNM;SYNM	0.0123619	0.72216	1.053	1.053	0.547819	1.09197	1.09197	0.027202	1.45955	1.45955	0.14136	1.25708	1.25708	0.351921	0.870598	-1.14864	0.0944379
cg24198067	SYNM;SYNM	0.0389361	0.245944	0.554914	-1.80208	0.0194309	0.253755	-3.94081	0.0549604	0.347753	-2.8756	0.420721	0.670834	-1.49068	0.00206245	0.121688	-8.21775	0.960637
cg00462559	SYNM;SYNM	0.0416555	0.211553	0.678976	-1.47281	0.323922	1.34945	1.34945	0.693324	1.12366	1.12366	0.559769	1.18944	1.18944	0.0150468	0.415174	-2.40863	0.0928988
cg24131891	SYNPO	0.00341565	?	?	?	0.047604	0.445261	-2.24587	0.374117	1.38516	1.38516	0.195199	1.63117	1.63117	0.12844	0.556072	-1.79833	0.075465
cg10490795	SYNPO	0.0296037	0.764092	0.886938	-1.12747	0.00747411	3.94663	3.94663	0.495458	1.31774	1.31774	0.0583939	2.34561	2.34561	0.061523	0.431878	-2.31547	0.205509
cg10072261	SYNPO2	0.010869	0.0510727	0.544738	-1.83575	0.676948	1.12137	1.12137	0.0043568	0.352967	-2.83313	0.00168968	0.293265	-3.40989	0.0444557	0.532057	-1.8795	0.0439514
cg09757859	SYNPO2;SYNPO2;SYNPO2	0.00026017	0.146762	0.79816	-1.25288	1.05E-05	3.91001	3.91001	0.924126	0.986305	-1.01389	0.321233	1.15992	1.15992	0.0395315	0.708455	-1.41152	0.750023
cg21614201	SYNPO2;SYNPO2;SYNPO2	0.000503096	8.39E-05	0.137293	-7.28367	0.0101343	0.402401	-2.48508	0.00271026	0.31268	-3.19816	0.00379607	0.334256	-2.99172	0.00121889	0.264889	-3.77517	0.0266079
cg10320997	SYNPO2;SYNPO2;SYNPO2	0.00139433	0.167437	0.649544	-1.53954	0.00859294	0.374272	-2.67186	0.00263812	0.295147	-3.38814	0.0378548	0.493588	-2.02598	0.000785141	0.225673	-4.43119	0.00830137
cg14717666	SYNPO2;SYNPO2;SYNPO2	0.00236193	0.014812	0.331402	-3.01749	0.297022	0.67149	-1.48922	0.00677048	0.274486	-3.64317	0.0477447	0.434375	-2.30216	0.000171312	0.0951341	-10.5115	0.0136238
cg01719390	SYNPO2;SYNPO2;SYNPO2	0.00506063	0.000688347	0.340945	-2.93302	0.0181341	0.551142	-1.81441	0.0873299	0.675761	-1.47981	0.532062	0.876855	-1.14044	0.00329915	0.435571	-2.29584	0.878736
cg12973294	SYNPO2;SYNPO2;SYNPO2	0.00540012	0.0404135	0.497509	-2.01001	0.0609504	1.86428	1.86428	0.0130107	0.403012	-2.48131	0.000390117	0.188738	-5.29836	0.542627	0.833805	-1.19932	0.0311279
cg11569478	SYNPO2;SYNPO2;SYNPO2	0.00791993	0.252683	0.808123	-1.23744	0.0313294	1.56889	1.56889	0.1546	1.31216	1.31216	0.626021	1.09152	1.09152	0.0154745	0.588817	-1.69832	0.216344

Probeset ID	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03003217	0.850459	-1.17584	1.63E-06	2.72188	2.72188	0.84607	0.983989	-1.01627	0.196879	0.892879	-1.11997	41.4126	4.52339	0.0970912	1
cg07586863	0.57847	-1.7287	0.0106112	0.567015	-1.76362	0.00049024	2.62267	2.62267	0.0499656	0.673885	-1.48393	25.3182	12.4999	0.438855	1
cg16017287	0.943171	-1.06025	0.490624	0.878008	-1.13894	0.0998023	1.39812	1.39812	0.118329	0.729739	-1.37035	15.5842	8.52154	0.48605	1
cg25206562	1.58013	1.58013	0.0140985	2.07788	2.07788	0.0445705	1.74494	1.74494	0.164127	0.698831	-1.43096	14.8295	13.6839	0.820218	1
cg05917732	0.87405	-1.1441	0.00112711	0.50954	-1.96255	0.125878	1.26233	1.26233	0.968151	1.00563	1.00563	7.71145	2.41641	0.278537	1
cg03309932	0.314906	-3.17555	0.637417	1.1222	1.1222	0.527594	1.16815	1.16815	0.216677	0.729287	-1.3712	5.05388	4.72035	0.830226	1
cg26620959	0.974277	-1.0264	0.00306393	0.315147	-3.17312	0.230457	0.698898	-1.43082	0.478403	0.814463	-1.2278	4.14987	5.32956	1.14157	1
cg11318342	2.24068	2.24068	0.00854368	4.78964	4.78964	0.0686639	2.58925	2.58925	0.0861417	2.42351	2.42351	3.9133	13.5077	3.06821	1
cg25743221	0.667083	-1.49906	0.444355	0.945104	-1.05808	0.00348125	0.750438	-1.33256	0.0235744	0.822201	-1.21625	25.0812	2.0826	0.0738082	1
cg15054873	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22659852	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01513802	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13144143	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13792596	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02464912	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19704709	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
ch.14.849914F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13037437	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18885540	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16725974	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
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cg04296321	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09902448	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15824056	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22307058	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03920445	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00407393	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10799846	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14420357	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12002139	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09198138	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03419232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06633162	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
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cg08816248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06934680	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25576086	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05151393	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16326609	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02015876	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00802617	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10153250	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01348004	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24198067	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00462559	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24131891	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
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cg10072261	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09757859	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21614201	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10320997	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14717666	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01719390	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12973294	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11569478	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg08774280	SYNPO2;SYNPO2;SYNPO2	0.0112181	0.185077	0.670954	-1.49042	0.0126899	0.414994	-2.40967
cg23493867	SYNPO2;SYNPO2;SYNPO2	0.0158621	0.0256055	0.271343	-3.68537	0.016759	0.237879	-4.20382
cg26325949	SYNPO2;SYNPO2;SYNPO2	0.0175242	0.723878	1.26153	1.26153	0.00728611	0.103645	-9.64829
cg15289534	SYNPO2;SYNPO2;SYNPO2	0.0284074	0.0366471	0.312453	-3.20048	0.0440464	0.33004	-3.02994
cg20118822	SYNPO2;SYNPO2;SYNPO2	0.0327799	0.647946	1.08159	1.08159	0.000858836	0.425726	-2.34893
cg01506806	SYNPO2;SYNPO2;SYNPO2	0.0409703	0.242013	0.611864	-1.63435	0.011039	0.278364	-3.59242
cg05924979	SYNPO2;SYNPO2;SYNPO2	0.0472216	0.0376517	0.17525	-5.70615	0.00754793	0.0835194	-11.9733
cg11566061	SYNPO2;SYNPO2;SYNPO2;SYNPO2;SYNPO2;SYNPO2	0.00505209	0.0134041	0.462815	-2.16069	?	?	?
cg23083424	SYNPO2L	0.02548	0.0699281	0.470102	-2.1272	0.000613602	0.140148	-7.13533
cg02286717	SYNPO2L;SYNPO2L	0.000856979	0.000668547	0.0701087	-14.2636	0.00103258	0.0836026	-11.9613
cg19157819	SYNPO2L;SYNPO2L	0.0108323	0.00765788	0.373679	-2.67609	0.0711838	0.560591	-1.78383
cg12291247	SYNPO2L;SYNPO2L	0.0279236	0.00938414	0.178431	-5.6044	0.0177261	0.221123	-4.52237
cg01590948	SYNPO;SYNPO	0.00787041	0.948871	0.977113	-1.02342	0.00342407	4.20268	4.20268
cg11186365	SYNPO;SYNPO	0.00840313	0.95933	1.00822	1.00822	0.00839973	1.71727	1.71727
cg02284150	SYNPO;SYNPO	0.00981651	0.160542	0.618947	-1.61565	0.000388901	6.11192	6.11192
cg13897374	SYNPO;SYNPO	0.0184132	0.879905	0.93809	-1.066	0.0211841	3.22631	3.22631
cg04567170	SYNPO;SYNPO	0.0227102	0.0763005	0.59981	-1.6672	0.425407	0.809799	-1.23487
cg16440442	SYNPO;SYNPO	0.0436598	0.493368	0.728265	-1.37313	0.00164188	0.128088	-7.80714
cg04604050	SYNPO;SYNPO	0.0469458	0.656653	0.861849	-1.1603	0.0111987	0.347772	-2.87545
cg12921411	SYNPO;SYNPO	0.0499466	0.245014	0.606335	-1.64925	0.0196611	3.18823	3.18823
cg06675531	SYNPO;SYNPO;SYNPO;SYNPO	0.000280862	0.304493	0.840435	-1.18986	0.0523098	1.43445	1.43445
cg18416096	SYNPO;SYNPO;SYNPO;SYNPO	0.000901236	0.111443	1.30628	1.30628	0.000463271	2.337	2.337
cg01025434	SYNPO;SYNPO;SYNPO;SYNPO	0.00282379	0.254509	0.763663	-1.30948	0.326699	1.25793	1.25793
cg13590277	SYNPO;SYNPO;SYNPO;SYNPO	0.0194432	0.00716853	0.352293	-2.83854	0.00405109	0.313551	-3.18927
cg21483216	SYNPO;SYNPO;SYNPO;SYNPO	0.0433662	0.381153	0.783922	-1.27564	0.0182184	2.17461	2.17461
cg15697257	SYNPO;SYNPO;SYNPO;SYNPO;SYNPO;SYNPO	0.00908622	0.0222584	0.478483	-2.08994	0.00948277	0.413001	-2.4213
cg05876069	SYNPO;SYNPO;SYNPO;SYNPO;SYNPO;SYNPO	0.0203958	0.119457	0.657867	-1.52006	0.0701498	0.605462	-1.65163
cg19984911	SYNPO;SYNPO;SYNPO;SYNPO;SYNPO;SYNPO	0.025223	0.0185388	0.291563	-3.42979	0.615125	0.803468	-1.2446
cg11238995	SYNPR	0.00691834	0.0706236	2.60452	2.60452	0.845037	0.911451	-1.09715
cg15056773	SYNPR	0.0176101	0.449005	0.875523	-1.14217	0.746785	0.945709	-1.05741
cg22189386	SYNPR	0.0274656	0.427013	1.41143	1.41143	0.526694	0.761434	-1.31331
cg22076422	SYNPR	0.0382382	0.742655	0.855908	-1.16835	0.0235493	0.278842	-3.58627
cg15954675	SYNPR;SYNPR	0.000183036	0.629702	1.12953	1.12953	0.159839	0.686224	-1.45725
cg27516221	SYNPR;SYNPR	0.000528815	0.00398656	0.689688	-1.44993	0.0083293	0.72348	-1.38221
cg25854303	SYNPR;SYNPR	0.0015428	0.925741	1.00674	1.00674	0.106843	0.880883	-1.13522
cg25564319	SYNPR;SYNPR	0.00160947	0.163551	0.752115	-1.32958	0.00458575	0.485291	-2.06062
cg05401575	SYNPR;SYNPR	0.00161133	0.00393002	3.57744	3.57744	0.0010159	4.95796	4.95796
cg11876912	SYNPR;SYNPR	0.0169676	0.307844	0.69925	-1.4301	0.0012988	0.204381	-4.89283
cg15559684	SYNPR;SYNPR	0.0335434	0.888832	1.03551	1.03551	0.0446429	0.562601	-1.77746
cg12895674	SYNPR;SYNPR	0.0490463	0.0223749	0.562027	-1.77927	0.00949181	0.500601	-1.9976
cg10956056	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.000930718	0.978289	0.991344	-1.00873	0.00185441	0.243791	-4.10187
cg10344404	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.00199483	0.775164	0.978406	-1.02207	0.00415402	1.34028	1.34028
cg23242429	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.0074517	0.0356095	0.531615	-1.88106	0.24472	0.730266	-1.36936
cg11691635	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.018943	0.126329	1.35178	1.35178	0.191789	0.77737	-1.28639
cg11497526	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.022005	0.259669	0.71919	-1.39045	0.0562235	0.545451	-1.83334
cg06513864	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.0230872	?	?	?	0.831779	1.02724	1.02724
cg19786359	SYP	0.00308635	0.205571	0.585143	-1.70898	0.00055542	8.58437	8.58437
cg00768158	SYP	0.0286726	0.0695726	0.531839	-1.88027	0.388132	1.31675	1.31675
cg08934208	SYPL1;SYPL1	2.07E-05	0.00332802	0.615091	-1.62577	0.00039203	0.503093	-1.98771
cg01039133	SYPL1;SYPL1	6.70E-05	5.95E-05	0.757824	-1.31957	0.0130796	0.891429	-1.12179
cg19978669	SYPL1;SYPL1	0.000388009	0.00605924	0.454794	-2.1988	0.008036	0.474031	-2.10957
cg14106156	SYPL1;SYPL1	0.0104368	0.163883	0.737176	-1.35653	0.633943	0.906225	-1.10348
cg12786620	SYPL1;SYPL1	0.0295002	0.448543	0.810827	-1.23331	0.00847393	0.401512	-2.49058
cg17804999	SYPL1;SYPL1	0.0310085	0.182066	0.806238	-1.24033	0.149517	1.2649	1.2649
cg04105014	SYPL1;SYPL1	0.0329879	0.728269	1.14791	1.14791	0.34133	1.47371	1.47371
cg24140629	SYPL1;SYPL1	0.0331015	0.506707	0.733135	-1.364	0.0413035	2.95823	2.95823
cg02800571	SYPL1;SYPL1	0.0389645	0.634491	0.846837	-1.18086	0.00103072	5.40821	5.40821
cg03948452	SYPL1;SYPL1;SYPL1	0.0286732	0.456481	0.829086	-1.20615	0.155193	0.686643	-1.45636
cg20591472	SYPL2	0.000371877	0.460022	0.85693	-1.16696	0.0999483	1.44775	1.44775
cg12515325	SYPL2	0.000595336	0.568018	0.902961	-1.10747	0.305553	1.20641	1.20641
cg11161837	SYPL2	0.00480034	0.0562076	0.423779	-2.35972	0.000737404	0.130598	-7.65709
cg07319143	SYPL2	0.00735021	0.00439485	0.17181	-5.82038	0.0197418	0.271443	-3.68402
cg16275483	SYPL2	0.00831772	0.0606794	0.335115	-2.98405	0.205159	0.501042	-1.99584
cg21079113	SYPL2	0.0298888	0.0103359	0.276545	-3.61605	0.0911543	0.476964	-2.0966
cg07725836	SYPL2	0.030989	0.0144157	0.175422	-5.70055	0.100726	0.354292	-2.82253
cg23091122	SYPL2	0.0468969	0.0697707	0.331549	-3.01614	0.0189532	0.212925	-4.69649
cg05072995	SYS1-DBNDD2	0.000182287	0.507838	1.12815	1.12815	0.00739738	0.538306	-1.85768
cg18970346	SYS1;SYS1-DBNDD2	9.68E-05	0.154055	0.77862	-1.28432	5.18E-05	0.288898	-3.46143
cg02248497	SYS1;SYS1-DBNDD2	0.000267859	0.54007	0.961379	-1.04017	0.2702	0.929695	-1.07562
cg09882647	SYS1;SYS1-DBNDD2	0.00064232	0.0875711	0.715855	-1.39693	0.00308312	2.05031	2.05031
cg00385441	SYS1;SYS1-DBNDD2	0.00346236	0.0494943	0.402717	-2.48313	0.0125861	0.283905	-3.52231
cg14997048	SYS1;SYS1-DBNDD2	0.00806491	0.985987	0.997763	-1.00224	0.854986	0.976945	-1.0236
cg23526204	SYS1;SYS1-DBNDD2	0.0496301	0.609587	0.93943	-1.06448	0.3552	1.1223	1.1223
cg20472643	SYT10	2.90E-06	0.000750006	1.93601	1.93601	0.161954	1.21279	1.21279
cg11154829	SYT10	5.10E-06	5.72E-07	3.05947	3.05947	0.0542132	1.19347	1.19347
cg10374493	SYT10	2.74E-05	8.72E-06	0.111201	-8.99272	0.111013	0.673767	-1.48419
cg26547928	SYT10	0.000137131	0.00051968	0.242649	-4.12119	0.0317281	1.93242	1.93242
cg03354810	SYT10	0.000285256	0.000204966	0.107726	-9.28279	0.00817232	0.297536	-3.36094
cg18158990	SYT10	0.00104972	0.00395126	2.3847	2.3847	0.412622	1.20657	1.20657
cg27315191	SYT10	0.00180675	0.00154514	2.4214	2.4214	0.505816	1.1401	1.1401
cg06721860	SYT10	0.00295589	0.000676379	0.120232	-8.31729	0.138874	0.522363	-1.91438
cg23950724	SYT10	0.00584802	0.506277	1.15123	1.15123	0.0536163	1.58044	1.58044
cg21043657	SYT10	0.00891768	0.00564012	0.386488	-2.5874	0.0966151	0.620431	-1.61178
cg00902195	SYT10;SYT10	9.39E-05	0.000985893	1.84615	1.84615	0.624385	0.940088	-1.06373
cg10658542	SYT10;SYT10	0.00380725	0.000307455	7.46467	7.46467	0.107003	0.546818	-1.82876
cg15727252	SYT11	0.00789768	0.00570545	0.182061	-5.49267	0.0507919	0.351443	-2.84541
cg24712249	SYT11	0.0178473	0.262238	0.842746	-1.1866	0.795016	1.03884	1.03884
cg06440960	SYT11	0.0339301	0.00839532	0.0683257	-14.6358	0.0413066	0.153221	-6.52653
cg17930201	SYT11;GON4L;GON4L	0.0348123	0.0112572	0.116527	-8.58172	0.0618781	0.240856	-4.15187
cg23935330	SYT12	0.0328616	0.297868	0.901194	-1.10964	0.0168697	1.32451	1.32451
cg16548261	SYT12	0.0419627	0.23298	0.772601	-1.29433	0.288487	1.25523	1.25523
cg22020194	SYT13	0.00608547	0.000877599	5.94528	5.94528	0.972969	0.988746	-1.01138
cg11856976	SYT13	0.0300617	0.0788462	0.716146	-1.39636	0.0129222	1.69542	1.69542
cg25289198	SYT13	0.0344878	0.0113684	0.637764	-1.56798	0.0191765	0.668801	-1.49521
cg09584118	SYT13	0.0434531	0.128939	1.95428	1.95428	0.0574629	2.40469	2.40469
cg09795979	SYT13	0.0497503	0.776949	1.09446	1.09446	0.0548882	1.9974	1.9974
cg02795029	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.00250045	0.244616	0.632443	-1.58117	0.442322	1.34296	1.34296
cg14713137	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.00614832	0.23977	0.517434	-1.93261	0.710577	1.22081	1.22081
cg15389528	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.013927	0.968536	0.982895	-1.0174	0.0240674	0.308208	-3.24456
cg12052613	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.0142278	0.0610277	0.374465	-2.67048	0.145225	0.482999	-2.0704
cg01552839	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.0205448	0.0395688	0.267259	-3.74169	0.111602	2.61326	2.61326
cg05103793	SYT14L;TMPRSS11F	2.21E-06	3.40E-08	0.0998919	-10.0108	0.643471	0.947307	-1.05562
cg15611556	SYT14L;TMPRSS11F	0.00554217	0.0722578	0.785045	-1.27381	0.000996427	0.554429	-1.80366
cg22730355	SYT14L;TMPRSS11F	0.0232257	0.0139205	0.575729	-1.73693	0.0106438	0.557867	-1.79254
cg23641964	SYT16	0.00494976	0.915339	0.981788	-1.01855	0.00762783	0.552706	-1.80928
cg20289412	SYT16	0.0050007	0.0660547	1.61478	1.61478	0.202418	1.36719	1.36719
cg18261657	SYT16	0.047421	0.162114	0.768816	-1.3007	0.174685	0.775479	-1.28952
cg00107106	SYT17	0.00605668	0.0451832	0.694355	-1.44018	0.012977	1.63136	1.63136
cg08969669	SYT17	0.00619613	0.224562	1.21171	1.21171	0.0138231	0.63255	-1.5809
cg06041188	SYT17	0.00762084	0.129553	0.686615	-1.45642	0.0656116	0.622293	-1.60696
cg06714021	SYT17	0.00768113	0.000773236	0.529725	-1.88777	0.0331417	1.36475	1.36475
cg05263605	SYT17	0.00814038	0.0223539	3.37897	3.37897	0.0136636	3.88349	3.88349
cg01569875	SYT17	0.0139338	0.16869	0.650762	-1.53666	0.725781	0.901991	-1.10866
cg04787325	SYT17	0.0236697	0.213594	3.05123	3.05123	0.0350845	0.119369	-8.37741
cg06142108	SYT17	0.0251921	0.265633	0.671756	-1.48864	0.159886	1.67373	1.67373
cg05070626	SYT17	0.03618	0.50367	1.36079	1.36079	0.168713	1.94593	1.94593
cg02395637	SYT17	0.0402798	0.122858	0.716855	-1.39498	0.00369379	0.44458	-2.24931
cg08296335	SYT17	0.0454281	0.0961742	0.59355	-1.68478	0.00353288	0.323302	-3.09309
cg27145034	SYT17;SYT17	0.00808631	0.371547	2.02549	2.02549	0.443422	0.548194	-1.82417
cg22268341	SYT1;MIR1252;SYT1;SYT1	0.00369403	0.739078	0.938329	-1.06572	0.361224	0.836329	-1.1957
cg14882054	SYT1;SYT1	0.00167976	0.0603624	1.34916	1.34916	0.541704	1.09127	1.09127
cg23079217	SYT1;SYT1	0.0322874	0.115171	1.14528	1.14528	0.0811715	1.16545	1.16545
cg20375220	SYT1;SYT1	0.0465887	0.387378	0.911108	-1.09756	0.599673	1.05723	1.05723
cg18176363	SYT1;SYT1;SYT1	0.00162292	0.159157	0.691394	-1.44635	0.0567432	0.589247	-1.69708
cg03863616	SYT1;SYT1;SYT1	0.00504686	0.00709757	0.345606	-2.89347	0.000254689	0.158731	-6.29997
cg21958743	SYT1;SYT1;SYT1	0.00709181	0.362713	1.26713	1.26713	0.138013	0.667524	-1.49807
cg00020191	SYT1;SYT1;SYT1	0.00784222	0.722288	0.935714	-1.0687	0.11845	1.37108	1.37108

Probeset ID	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08774280	0.00101152	0.250376	-3.99399	0.0861857	0.58375	-1.71306	0.00680752	0.36954	-2.70607
cg23493867	0.00968338	0.199891	-5.00271	0.0886917	0.397061	-2.5185	0.00624487	0.173249	-5.77205
cg26325949	0.0517093	0.234514	-4.26414	0.857623	0.889035	-1.12481	0.0150517	0.141271	-7.07858
cg15289534	0.00977355	0.209026	-4.78409	0.161123	0.488184	-2.04841	0.00608335	0.179787	-5.56213
cg20118822	0.0359281	0.659464	-1.51638	0.12316	0.752076	-1.32965	0.137534	0.761214	-1.31369
cg01506806	0.918773	1.04177	1.04177	0.0790363	0.457353	-2.18649	0.00296479	0.194741	-5.13502
cg05924979	0.0287793	0.155283	-6.43987	0.154814	0.332941	-3.00354	0.0505956	0.200092	-4.99769
cg11566061	0.00398895	2.68417	2.68417	0.0170137	0.48183	-2.07542	0.0198551	0.494393	-2.02268
cg23083424	0.0278117	0.379668	-2.63388	0.511353	0.78028	-1.28159	0.155585	0.567817	-1.76113
cg02286717	0.00771608	0.174239	-5.73925	0.00218344	0.111442	-8.97326	0.000350822	0.0532488	-18.7798
cg19157819	0.0551007	0.535519	-1.86735	0.399351	0.780542	-1.28116	0.00161138	0.272902	-3.66432
cg12291247	0.222008	0.510877	-1.95742	0.433329	0.658113	-1.5195	0.00391225	0.131047	-7.63083
cg01590948	0.0290685	2.53137	2.53137	0.0786661	2.02407	2.02407	0.0389538	2.37007	2.37007
cg11186365	0.00156032	2.07552	2.07552	0.287561	0.837484	-1.19405	0.644519	0.928093	-1.07748
cg02284150	0.980616	0.992255	-1.00781	0.457818	0.785088	-1.27374	0.630633	0.856374	-1.16771
cg13897374	0.016031	3.47654	3.47654	0.0843955	2.24106	2.24106	0.0609142	2.44227	2.44227
cg04567170	0.127495	0.652372	-1.53287	0.214975	1.40259	1.40259	0.0203542	0.484442	-2.06423
cg16440442	0.152859	0.497637	-2.0095	0.778784	1.13698	1.13698	0.147097	0.492014	-2.03246
cg04604050	0.0453175	0.466264	-2.14471	0.324258	0.71299	-1.40254	0.147951	0.597032	-1.67495
cg12921411	0.0204347	3.1564	3.1564	0.474186	1.34913	1.34913	0.945971	1.02828	1.02828
cg06675531	0.207266	1.24284	1.24284	0.738522	0.946708	-1.05629	3.04E-06	0.162739	-6.14481
cg18416096	0.00175141	1.98842	1.98842	0.00504652	1.77086	1.77086	0.0476313	0.705338	-1.41776
cg01025434	0.883756	0.967389	-1.03371	0.566679	0.877002	-1.14025	0.0190114	0.525466	-1.90307
cg13590277	0.19779	0.66426	-1.50543	0.189587	0.658648	-1.51826	0.0362557	0.481101	-2.07856
cg21483216	0.174925	0.676369	-1.47848	0.771299	0.924048	-1.0822	0.0181671	0.459629	-2.17567
cg15697257	0.179346	0.681314	-1.46775	0.0751132	0.586721	-1.70439	0.00550446	0.374642	-2.66922
cg05876069	0.540864	0.857762	-1.16582	0.048025	0.571127	-1.75092	0.00633875	0.41444	-2.41289
cg19984911	0.603718	0.797693	-1.25362	0.356465	0.664056	-1.5059	0.010906	0.251733	-3.97246
cg11238995	0.000236082	0.0557337	-17.9425	0.277991	0.585957	-1.70661	0.929647	1.04273	1.04273
cg15056773	0.000470492	2.57764	2.57764	0.236507	1.23827	1.23827	0.659509	0.926449	-1.07939
cg22189386	0.659579	1.20726	1.20726	0.122317	0.490909	-2.03704	0.0941956	0.45757	-2.18546
cg22076422	0.00124146	0.10768	-9.28679	0.11881	0.449545	-2.22447	0.134709	0.466938	-2.14161
cg15954675	0.00173143	0.326156	-3.06601	0.00140036	0.313411	-3.1907	3.50E-06	0.0649512	-15.3962
cg27516221	0.0147079	0.749591	-1.33406	4.91E-05	0.480828	-2.07975	0.0405013	0.796845	-1.25495
cg25854303	3.40E-05	1.78287	1.78287	0.66952	1.03141	1.03141	0.748438	0.977086	-1.02345
cg25564319	0.0193295	0.581598	-1.7194	0.0182121	0.57741	-1.73187	2.83E-05	0.206483	-4.84302
cg05401575	0.964225	0.985375	-1.01484	0.25734	0.678209	-1.47447	0.930022	0.971561	-1.02927
cg11876912	0.0993924	0.542184	-1.84439	0.0263303	0.409492	-2.44205	0.181121	0.618045	-1.61801
cg15559684	0.0242563	0.511662	-1.95442	0.234417	0.732734	-1.36475	0.275925	1.32679	1.32679
cg12895674	0.0779976	0.662097	-1.51035	0.227108	1.30604	1.30604	0.0613275	0.641532	-1.55877
cg10956056	0.00437956	0.296478	-3.37293	0.103626	1.76584	1.76584	0.862756	1.05683	1.05683
cg10344404	0.00085596	1.4649	1.4649	0.293748	1.08656	1.08656	0.00551081	1.32065	1.32065
cg23242429	0.865425	0.95713	-1.04479	0.79336	0.934434	-1.07017	0.012631	0.448904	-2.22765
cg11691635	0.292446	0.8195	-1.22026	0.156868	1.31778	1.31778	0.218906	1.26574	1.26574
cg11497526	0.0635673	0.557247	-1.79454	0.276895	1.37304	1.37304	0.022037	0.463084	-2.15943
cg06513864	0.572009	1.0748	1.0748	0.371759	1.12283	1.12283	0.0949154	1.26092	1.26092
cg19786359	0.15102	1.85434	1.85434	0.506343	1.31072	1.31072	0.0341729	0.370896	-2.69618
cg00768158	0.0566975	0.511187	-1.95623	0.264214	1.43624	1.43624	0.00646665	0.332392	-3.0085
cg08934208	0.00124826	0.563638	-1.77419	0.0281346	0.729577	-1.37066	1.10E-06	0.213579	-4.68212
cg01039133	0.000815153	1.20737	1.20737	0.019048	0.89945	-1.11179	0.0248831	0.905123	-1.10482
cg19978669	0.101704	1.48267	1.48267	0.00527696	0.445536	-2.24449	2.16E-05	0.152931	-6.53892
cg14106156	0.72712	1.07456	1.07456	0.118635	0.706303	-1.41582	0.876161	0.968497	-1.03253
cg12786620	0.278427	0.736385	-1.35799	0.127442	1.56444	1.56444	0.0480434	0.541406	-1.84704
cg17804999	0.00428455	1.78779	1.78779	0.289373	1.18203	1.18203	0.633231	1.07584	1.07584
cg04105014	0.0360294	0.381186	-2.62339	0.35282	1.45954	1.45954	0.00170791	0.170102	-5.87882
cg24140629	0.0223784	3.52884	3.52884	0.395815	0.669847	-1.49288	0.84634	0.914478	-1.09352
cg02800571	0.0279342	2.46353	2.46353	0.584184	1.21148	1.21148	0.506918	1.26329	1.26329
cg03948452	0.0652802	1.66768	1.66768	0.00538202	0.404273	-2.47358	0.420304	0.815879	-1.22567
cg20591472	0.00133738	2.60396	2.60396	0.180631	1.33883	1.33883	0.668407	1.09248	1.09248
cg12515325	6.74E-05	3.63519	3.63519	0.172615	0.773571	-1.29271	0.172947	0.773744	-1.29242
cg11161837	0.00397316	0.214884	-4.65367	0.573818	1.25312	1.25312	0.00179061	0.171299	-5.83775
cg07319143	0.0340841	0.318083	-3.14383	0.61601	0.791213	-1.26388	0.0101957	0.223052	-4.48325
cg16275483	0.0683195	0.348147	-2.87235	0.811039	1.13182	1.13182	0.00308438	0.123209	-8.11629
cg21079113	0.0337254	0.372823	-2.68224	0.325991	1.49706	1.49706	0.0396106	0.387967	-2.57754
cg07725836	0.030325	0.230034	-4.34718	0.107625	0.362964	-2.7551	0.0943651	0.345983	-2.89032
cg23091122	0.0178301	0.208483	-4.79656	0.0943946	0.367522	-2.72093	0.0206254	0.219212	-4.56179
cg05072995	0.159104	0.763309	-1.31009	0.0655616	1.44906	1.44906	2.72E-05	0.226406	-4.41685
cg18970346	0.000357096	0.390787	-2.55894	0.0709276	0.718296	-1.39218	0.0287446	0.655074	-1.52655
cg02248497	0.580003	1.03613	1.03613	0.932141	0.994607	-1.00542	0.00143858	1.33984	1.33984
cg09882647	0.0104639	1.77043	1.77043	0.0100948	1.77779	1.77779	0.354466	0.84463	-1.18395
cg00385441	0.0691339	0.43814	-2.28238	0.119238	1.98594	1.98594	0.334174	1.49808	1.49808
cg14997048	0.548107	1.08057	1.08057	0.00349731	1.65719	1.65719	0.00152492	0.558871	-1.78932
cg23526204	0.270271	0.870003	-1.14942	0.500155	0.920325	-1.08657	0.494996	1.0877	1.0877
cg20472643	0.000443383	2.04708	2.04708	0.323604	1.14078	1.14078	0.535852	0.922197	-1.08437
cg11154829	0.000233207	1.63914	1.63914	0.657526	1.03678	1.03678	0.0519432	1.19604	1.19604
cg10374493	6.57E-05	0.189075	-5.28889	0.0351217	0.572218	-1.74759	0.30126	1.27582	1.27582
cg26547928	0.00154519	0.303791	-3.29173	0.855699	1.04878	1.04878	0.0145737	0.45512	-2.19722
cg03354810	0.00117695	0.181807	-5.50035	0.169578	0.59213	-1.68882	0.00213874	0.21336	-4.68691
cg18158990	0.207629	1.34699	1.34699	0.322263	0.795151	-1.25762	0.263553	0.770064	-1.29859
cg27315191	0.0308059	1.63649	1.63649	0.291055	1.23711	1.23711	0.285264	1.24054	1.24054
cg06721860	0.0135338	0.287711	-3.4757	0.34971	0.675435	-1.48053	0.43841	1.38014	1.38014
cg23950724	0.212244	1.31573	1.31573	0.418688	1.18835	1.18835	0.118815	0.702182	-1.42413
cg21043657	0.0613089	0.575942	-1.73629	0.1765	0.686592	-1.45647	0.00545506	0.384208	-2.60276
cg00902195	0.0938668	1.25939	1.25939	0.0451721	0.749983	-1.33336	0.892682	0.983243	-1.01704
cg10658542	0.414796	1.33106	1.33106	0.426313	0.756788	-1.32137	0.84382	0.934571	-1.07001
cg15727252	0.595657	0.777499	-1.28617	0.598952	1.28323	1.28323	0.00107705	0.103414	-9.66987
cg24712249	0.0149939	1.54911	1.54911	0.190502	0.816363	-1.22495	0.972622	0.99499	-1.00504
cg06440960	0.247669	0.381639	-2.62028	0.46356	0.551767	-1.81236	0.0239496	0.116837	-8.55891
cg17930201	0.0913367	0.283972	-3.52148	0.45729	0.599	-1.66945	0.00826019	0.101591	-9.84335
cg23935330	0.159859	1.15579	1.15579	0.144897	0.859902	-1.16292	0.270777	1.11688	1.11688
cg16548261	0.624938	1.10698	1.10698	0.60686	0.898462	-1.11301	0.037381	0.607536	-1.64599
cg22020194	0.0167735	0.36547	-2.7362	0.00980276	3.10399	3.10399	0.0270647	2.45456	2.45456
cg11856976	0.278828	0.824785	-1.21244	0.138213	0.761044	-1.31398	0.246724	0.81284	-1.23025
cg25289198	0.0489728	1.37587	1.37587	0.277995	1.17366	1.17366	0.0522783	0.731007	-1.36798
cg09584118	0.260388	1.61507	1.61507	0.391728	1.43094	1.43094	0.0224322	3.05521	3.05521
cg09795979	0.497606	1.24461	1.24461	0.0203627	2.43149	2.43149	0.0535627	0.498242	-2.00706
cg02795029	0.0268429	2.68336	2.68336	0.360245	0.701838	-1.42483	0.191728	0.594392	-1.68239
cg14713137	0.0681615	0.335131	-2.98391	0.711662	0.819778	-1.21984	7.66E-05	0.0215766	-46.3466
cg15389528	0.629766	0.808588	-1.23672	0.00346368	0.176234	-5.67427	0.05268	2.6208	2.6208
cg12052613	0.00333556	0.155875	-6.41542	0.0367557	0.32342	-3.09196	0.00185683	0.128094	-7.80674
cg01552839	0.616581	0.755904	-1.32292	0.314243	1.78055	1.78055	0.00122826	0.0727591	-13.744
cg05103793	0.709189	1.04447	1.04447	0.589536	1.0653	1.0653	1.07E-05	0.335727	-2.97861
cg15611556	0.127109	0.819509	-1.22024	0.0691255	0.782432	-1.27807	0.437515	0.908877	-1.10026
cg22730355	0.145168	0.752531	-1.32885	0.790666	1.04954	1.04954	0.654709	0.921449	-1.08525
cg23641964	0.133669	0.756083	-1.32261	0.299442	0.830377	-1.20427	0.000289177	0.359848	-2.77895
cg20289412	0.000428085	3.65312	3.65312	0.00884263	2.16955	2.16955	0.0216974	1.89737	1.89737
cg18261657	0.0427201	0.663073	-1.50813	0.926422	1.0164	1.0164	0.680673	0.929707	-1.07561
cg00107106	0.506306	0.89849	-1.11298	0.709138	1.06128	1.06128	0.00104935	0.463163	-2.15907
cg08969669	0.00116834	0.488024	-2.04908	0.342909	0.863222	-1.15845	0.0321658	0.685421	-1.45896
cg06041188	0.00319448	0.396866	-2.51974	0.028657	1.80873	1.80873	0.00385459	0.409041	-2.44474
cg06714021	0.196429	1.18594	1.18594	0.0250887	0.71699	-1.39472	0.421759	0.902611	-1.1079
cg05263605	0.138002	2.0349	2.0349	0.0164395	3.68442	3.68442	0.0944216	2.26556	2.26556
cg01569875	0.0552441	0.529109	-1.88997	0.417274	0.784409	-1.27484	0.006122	0.350673	-2.85166
cg04787325	0.72145	1.35352	1.35352	0.0474444	0.14124	-7.08014	0.433483	1.96894	1.96894
cg06142108	0.320049	0.702992	-1.42249	0.548053	0.811822	-1.2318	0.00182686	0.21892	-4.56787
cg05070626	0.734982	0.857071	-1.16676	0.852908	0.919196	-1.08791	0.327757	0.632178	-1.58183
cg02395637	0.385407	0.838892	-1.19205	0.966808	0.99185	-1.00822	0.13801	0.72781	-1.37398
cg08296335	0.0172398	0.43673	-2.28974	0.833467	1.06196	1.06196	0.172636	0.660723	-1.51349
cg27145034	0.76668	0.795403	-1.25722	0.00436033	0.0534062	-18.7244	?	?	?
cg22268341	0.00421507	0.482047	-2.07449	0.388405	0.845068	-1.18334	0.000198957	0.304243	-3.28684
cg14882054	0.958173	1.00744	1.00744	0.732561	0.952658	-1.0497	0.364036	1.14098	1.14098
cg23079217	0.0853405	1.16256	1.16256	0.412404	1.06862	1.06862	0.0443724	0.832876	-1.20066
cg20375220	0.04307	1.27708	1.27708	0.171634	0.858207	-1.16522	0.831833	0.977904	-1.0226
cg18176363	0.018371	0.495726	-2.01724	0.0449145	0.568636	-1.75859	0.000471128	0.259877	-3.84798
cg03863616	0.630867	1.15937	1.15937	0.115213	1.68729	1.68729	0.293879	1.39454	1.39454
cg21958743	0.00276923	0.351896	-2.84175	0.303766	1.30938	1.30938	0.00476494	0.387357	-2.5816
cg00020191	0.0060421	1.94983	1.94983	0.137441	1.34698	1.34698	0.0053966	0.505619	-1.97777

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08774280	0.0755119	0.570199	-1.75377	0.197692	0.679366	-1.47196	0.19496	1.47585	1.47585	0.0738442	0.567946	-1.76073	5.69634	7.27277	1.13488	1
cg23493867	0.033038	0.293451	-3.40772	0.00316572	0.137632	-7.26573	0.195084	0.509619	-1.96225	0.0510789	0.335264	-2.98272	5.08561	19.4865	3.40596	1
cg26325949	0.0511614	0.2335	-4.28266	0.00218309	0.0598863	-16.6983	0.0756599	0.273865	-3.65143	0.0635285	0.255009	-3.92143	4.91919	33.4224	6.03936	1
cg15289534	0.0303975	0.295492	-3.38419	0.0181466	0.252963	-3.95315	0.163368	0.490304	-2.03955	0.0417298	0.324776	-3.07905	4.16651	15.147	3.23147	1
cg20118822	0.171007	0.779833	-1.28233	0.399272	0.863108	-1.1586	0.837278	0.965526	-1.03571	0.225156	0.804665	-1.24275	3.95956	1.8251	0.40972	1
cg01506806	0.889682	0.945847	-1.05725	0.950099	1.02542	1.02542	0.119579	0.507862	-1.96904	0.0808941	0.460027	-2.17378	3.65071	9.30496	2.2656	1
cg05924979	0.0862934	0.254431	-3.93033	0.0155941	0.117446	-8.51452	0.33669	0.488979	-2.04508	0.097944	0.269492	-3.71068	3.46227	28.6046	7.34383	1
cg11566061	0.837808	1.0511	1.0511	0.00481079	0.385855	-2.59165	0.0816683	0.620863	-1.61066	0.538943	1.16358	1.16358	8.6479	7.04254	0.712568	1
cg23083424	0.376296	0.713069	-1.40239	0.209649	0.611108	-1.63637	0.723827	1.14127	1.14127	0.762322	0.893171	-1.11961	4.32848	9.5105	1.95306	1
cg02286717	0.00166937	0.100748	-9.92579	0.00286132	0.123083	-8.12458	0.94048	1.03886	1.03886	0.00536176	0.153811	-6.5015	12.2915	50.7332	3.66889	1
cg19157819	0.0484955	0.523463	-1.91036	0.308928	0.739044	-1.3531	0.0444958	0.51549	-1.9399	0.00165088	0.274322	-3.64535	5.76094	7.52426	1.16096	1
cg12291247	0.177236	0.472156	-2.11794	0.0389228	0.28623	-3.49369	0.54998	1.37232	1.37232	0.0743471	0.353303	-2.83043	4.19181	18.1787	3.85486	1
cg01590948	0.0173869	2.84507	2.84507	0.0011781	5.57513	5.57513	0.00642871	3.59557	3.59557	0.0298219	2.51681	2.51681	6.37682	13.1643	1.83503	1
cg11186365	0.56814	0.9115	-1.09709	0.0104565	0.595903	-1.67813	0.93789	1.0126	1.0126	0.0565041	1.41452	1.41452	6.24659	2.55224	0.363183	1
cg02284150	0.357701	0.738816	-1.35352	0.0694934	0.522157	-1.91513	0.229482	0.667947	-1.49712	0.0666639	0.517848	-1.93107	5.94571	9.64448	1.44186	1
cg13897374	0.0164331	3.45342	3.45342	0.00251427	5.89282	5.89282	0.0200292	3.27493	3.27493	0.074949	2.31251	2.31251	4.83802	13.6911	2.51547	1
cg04567170	0.0153523	0.462466	-2.16232	0.00363419	0.360633	-2.7729	0.710778	1.10135	1.10135	0.0495431	0.559462	-1.78743	4.50449	4.79258	0.94574	1
cg16440442	0.0567565	0.374204	-2.67234	0.0480957	0.357069	-2.80058	0.172375	0.515777	-1.93882	0.854534	1.08726	1.08726	3.56558	11.7342	2.9253	1
cg04604050	0.0608038	2.01845	2.01845	0.0221336	0.401865	-2.4884	0.826956	1.07546	1.07546	0.557608	0.821133	-1.21783	3.46992	6.06845	1.55455	1
cg12921411	0.0610649	2.38326	2.38326	0.0207581	3.14356	3.14356	0.0571453	2.42404	2.42404	0.438769	1.38392	1.38392	3.38951	9.08689	2.38301	1
cg06675531	0.43652	0.878308	-1.13855	0.5694	1.09855	1.09855	0.947679	0.98933	-1.01079	0.999739	1.00005	1.00005	16.7494	7.08868	0.376196	1
cg18416096	0.050149	1.41079	1.41079	0.00100221	2.12278	2.12278	0.000505872	2.31068	2.31068	0.0469877	1.41961	1.41961	12.118	4.55784	0.33433	1
cg01025434	0.175819	1.38569	1.38569	9.51E-05	0.207003	-4.83084	0.0288164	1.79358	1.79358	0.175032	0.721178	-1.38662	8.71312	7.08703	0.723	1
cg13590277	0.290675	0.719262	-1.39031	0.00482417	0.325093	-3.07605	0.0346336	0.477	-2.09643	0.0413902	0.493155	-2.02776	4.74985	6.79361	1.27136	1
cg21483216	0.298508	0.746728	-1.33917	0.0336218	1.9593	1.9593	0.607625	0.869043	-1.15069	0.471316	0.819887	-1.21968	3.57455	4.15825	1.03404	1
cg15697257	0.0151882	0.448278	-2.23076	0.00161405	0.296318	-3.37475	0.00862734	0.406158	-2.46209	0.0190133	0.465846	-2.14663	6.0939	6.98588	1.019	1
cg05876069	0.118506	0.657037	-1.52198	0.00162748	0.326622	-3.06165	0.0216841	0.505032	-1.98007	0.0517373	0.577709	-1.73098	4.67331	4.54639	0.864747	1
cg19984911	0.433425	0.708194	-1.41204	0.00136339	0.134491	-7.43545	0.0518601	0.384827	-2.59857	0.113834	0.475898	-2.10129	4.34379	12.8178	2.62296	1
cg11238995	0.925986	1.04501	1.04501	0.0747096	0.390384	-2.56158	0.0647618	2.67198	2.67198	0.168637	0.499076	-2.0037	6.63936	23.606	3.16042	1
cg15056773	0.450244	0.875853	-1.14174	0.389914	1.16393	1.16393	0.234744	1.23936	1.23936	0.0311193	1.54638	1.54638	4.91112	2.3092	0.417953	1
cg22189386	0.660116	0.828589	-1.20687	0.00469866	0.202623	-4.93528	0.0113437	3.8458	3.8458	0.202164	0.564291	-1.77214	4.21627	12.0558	2.54164	1
cg22076422	0.745543	1.16622	1.16622	0.233409	0.554329	-1.80398	0.143516	0.476027	-2.10072	0.46122	0.701707	-1.4251	3.74456	13.2254	3.13945	1
cg15954675	0.994414	0.998246	-1.00176	0.00183717	0.329765	-3.03246	0.50657	0.844547	-1.18407	0.42732	0.816119	-1.22531	18.8176	18.7337	0.884925	1
cg27516221	0.00491072	0.69926	-1.43008	0.0953277	1.19231	1.19231	0.288939	1.11145	1.11145	0.0199434	1.30949	1.30949	14.0699	2.05307	0.129706	1
cg25854303	0.0266826	1.20827	1.20827	0.617486	0.964376	-1.03694	0.00842539	1.2743	1.2743	0.0943132	1.14168	1.14168	10.395	0.854467	0.0730665	1
cg25564319	0.261264	0.798951	-1.25164	0.116332	0.72113	-1.38671	0.00826401	0.523588	-1.9099	0.108472	0.715019	-1.39856	10.2689	5.96949	0.516726	1
cg05401575	0.0656695	1.97097	1.97097	0.0667251	0.509022	-1.96455	0.000857482	5.17937	5.17937	0.0016432	4.39589	4.39589	10.2655	17.5426	1.51902	1
cg11876912	0.126473	0.571049	-1.75116	0.00215541	0.232252	-4.30568	0.185782	0.621579	-1.60881	0.098535	0.541181	-1.84781	4.97266	9.0463	1.61707	1
cg15559684	0.0116725	2.19525	2.19525	0.345026	1.27462	1.27462	0.493713	1.18935	1.18935	0.098291	1.57205	1.57205	3.92692	3.8713	0.876299	1
cg12895674	0.2094	0.756866	-1.32124	0.371433	0.82429	-1.21316	0.36576	1.21611	1.21611	0.970809	1.00773	1.00773	3.413	2.39644	0.624135	1
cg10956056	0.000124741	0.118117	-8.46619	0.242168	1.47858	1.47858	0.646995	1.15871	1.15871	0.00129736	0.223805	-4.46818	12.0082	19.4117	1.43692	1
cg10344404	0.778133	1.02177	1.02177	0.00235845	0.723691	-1.38181	0.0707582	0.85734	-1.1664	0.659757	1.03435	1.03435	9.64918	0.888053	0.0818081	1
cg23242429	0.00976631	0.429949	-2.32586	0.000342953	0.22558	-4.43302	0.683212	1.11181	1.11181	0.0252227	0.502847	-1.98868	6.48712	6.85583	0.93941	1
cg11691635	0.324472	0.830733	-1.20376	0.000813734	0.398486	-2.5095	0.210161	0.786097	-1.27211	0.515916	0.886873	-1.12756	4.79193	2.52082	0.467604	1
cg11497526	0.877484	1.0442	1.0442	0.00667152	0.372809	-2.68234	0.0318539	2.02414	2.02414	0.890118	1.03951	1.03951	4.55358	5.66761	1.10635	1
cg06513864	0.359561	1.12637	1.12637	0.00243498	0.58684	-1.70404	0.0261794	0.716592	-1.39549	0.401	1.11471	1.11471	4.55833	1.0241	0.224665	1
cg19786359	0.870307	0.936532	-1.06777	0.154837	1.84231	1.84231	0.000534667	8.69338	8.69338	0.267944	1.58896	1.58896	8.48629	21.6441	2.26709	1
cg00768158	0.0674893	0.528715	-1.89138	0.0392083	0.476026	-2.10073	0.269657	1.42989	1.42989	0.43148	1.28373	1.28373	4.15287	6.36523	1.36243	1
cg08934208	0.0130365	0.687599	-1.45434	3.12E-06	0.260208	-3.84309	0.504085	0.920869	-1.08593	0.00423546	0.627793	-1.59288	33.5854	7.86488	0.208156	1
cg01039133	0.0056768	0.873303	-1.14508	0.000532829	0.817653	-1.22301	0.00883201	0.882967	-1.13254	0.00012935	1.2819	1.2819	24.6336	0.543891	0.019626	1
cg19978669	0.371969	0.817506	-1.22323	0.190855	0.737515	-1.3559	0.000220817	0.258532	-3.868	0.0243891	0.554522	-1.80335	15.3282	11.7307	0.680268	1
cg14106156	0.00591215	0.477535	-2.09409	0.000386251	0.312783	-3.19711	0.370479	1.20776	1.20776	0.0942391	0.685488	-1.45881	5.83022	3.89033	0.593129	1
cg12786620	0.20963	1.43193	1.43193	0.0212412	2.12107	2.12107	0.507406	1.20034	1.20034	0.43686	0.806254	-1.2403	4.11126	4.80021	1.03785	1
cg17804999	0.349187	1.15783	1.15783	0.0115384	0.618546	-1.61669	0.692164	1.06238	1.06238	0.982542	0.996678	-1.00333	4.03904	1.47919	0.325533	1
cg04105014	0.429343	0.726825	-1.37585	0.546199	1.2732	1.2732	0.610003	1.22563	1.22563	0.125482	0.519028	-1.92668	3.95057	9.78654	2.202	1
cg24140629	0.297344	1.64518	1.64518	0.226498	0.557017	-1.79528	0.00611518	0.19228	-5.20074	0.686111	1.20589	1.20589	3.9457	13.2691	2.98927	1
cg02800571	0.18174	1.63567	1.63567	0.232107	1.54498	1.54498	0.384645	1.36262	1.36262	0.148969	1.71127	1.71127	3.71883	7.09665	1.69627	1
cg03948452	0.150031	0.682923	-1.46429	0.631834	1.12672	1.12672	0.268017	1.32996	1.32996	0.0291646	1.88754	1.88754	4.15283	4.01742	0.859904	1
cg20591472	0.102543	1.44295	1.44295	0.16094	0.735387	-1.35983	6.69E-06	7.79876	7.79876	0.401124	0.838284	-1.19291	15.5085	10.3483	0.593123	1
cg12515325	0.260445	0.812524	-1.23073	0.0110281	0.568955	-1.75761	0.000272885	2.87184	2.87184	0.831376	1.03844	1.03844	13.6135	6.74521	0.440427	1
cg11161837	0.0901266	0.476361	-2.09925	0.049797	0.411312	-2.43124	0.45744	1.35045	1.35045	0.0475477	0.406653	-2.4591	7.43035	18.5507	2.21921	1
cg07319143	0.0201353	0.273016	-3.66279	0.000561083	0.0839603	-11.9104	0.0317882	0.311745	-3.20775	0.158893	0.497886	-2.00849	6.51502	22.1328	3.01972	1
cg16275483	0.00729949	0.167208	-5.98057	0.000733792	0.0704706	-14.1903	0.1174	0.415121	-2.40893	0.0245962	0.250583	-3.99069	6.26677	26.5253	3.76239	1
cg21079113	0.55729	0.789659	-1.26637	0.00846486	0.262509	-3.8094	0.0283879	0.357213	-2.79945	0.215072	0.594982	-1.68072	4.09222	10.26	2.22862	1
cg07725836	0.054527	0.283949	-3.52176	0.00355118	0.102234	-9.7815	0.0453753	0.265854	-3.76146	0.0292389	0.22703	-4.4047	4.03994	21.315	4.68984	1
cg23091122	0.0865119	0.356722	-2.8033	0.0200988	0.217272	-4.60253	0.0524744	0.301067	-3.32152	0.591734	0.744731	-1.34277	3.47129	16.2932	4.1722	1
cg05072995	0.00625862	0.527617	-1.89531	0.000206857	0.327886	-3.04984	0.0367633	1.54562	1.54562	0.000557658	0.382532	-2.61416	18.8385	9.61051	0.453468	1
cg18970346	0.93335	1.01381	1.01381	0.00258272	0.504114	-1.98368	0.835853	0.966548	-1.03461	3.95E-06	0.172051	-5.81224	22.3317	9.51137	0.378589	1
cg02248497	0.000627745	1.39628	1.39628	3.23E-05	0.598473	-1.67092	0.0292855	1.17709	1.17709	0.0182819	1.19945	1.19945	16.9676	1.08343	0.0567582	1
cg09882647	0.820962	0.960618	-1.041	0.000183181	0.325938	-3.06807	0.00253993	2.10117	2.10117	0.12439	0.744597	-1.34301	13.3278	6.63215	0.442325	1
cg00385441	0.0731224	2.25022	2.25022	0.000281926	0.0899421	-11.1183	0.174178	1.79787	1.79787	0.122427	0.506993	-1.97241	8.20029	21.3855	2.31812	1
cg14997048	0.569418	1.07606	1.07606	0.0322356	0.726325	-1.37679	0.843468	0.975109	-1.02553	0.0584895	1.3133	1.3133	6.32803	1.62918	0.228848	1
cg23526204	0.35252	1.12307	1.12307	0.00126651	0.565147	-1.76945	0.432191	0.907333	-1.10213	0.369165	0.894141	-1.11839	3.39771	0.791978	0.207193	1
cg20472643	0.982292	0.997137	-1.00287	0.984649	1.00249	1.00249	5.80E-08	10.9613	10.9613	3.51E-06	4.08817	4.08817	55.8466	14.7629	0.234975	1
cg11154829	0.657173	1.03682	1.03682	0.744345	0.973858	-1.02684	6.22E-07	3.0229	3.0229	3.83E-05	1.89486	1.89486	48.2976	5.01267	0.0922552	1
cg10374493	0.000639458	0.303544	-3.29441	2.11E-06	0.0706552	-14.1532	0.00601472	0.442058	-2.26215	0.00723973	0.454721	-2.19915	31.2021	25.5607	0.728178	1
cg26547928	0.214718	1.40738	1.40738	2.14E-05	0.106599	-9.38094	8.42E-05	0.157207	-6.36104	0.160667	0.675652	-1.48005	20.3424	22.0552	0.963732	1
cg03354810	0.0544063	0.457633	-2.18516	0.000164922	0.100266	-9.9735	3.14E-05	0.0546493	-18.2985	0.00814749	0.297322	-3.36336	16.6785	33.8814	1.80573	1
cg18158990	0.35646	0.808461	-1.23692	0.811346	1.05507	1.05507	2.67E-05	6.42335	6.42335	0.00987808	2.07688	2.07688	11.6056	9.23747	0.707509	1
cg27315191	0.64285	1.09493	1.09493	0.440812	0.858421	-1.16493	3.89E-05	4.61924	4.61924	0.850069	1.03744	1.03744	9.931	5.93222	0.530972	1
cg06721860	0.139056	0.522543	-1.91372	0.00205036	0.170195	-5.87562	0.000482675	0.107378	-9.31289	0.0656077	0.430733	-2.32162	8.59586	22.6217	2.33929	1
cg23950724	0.0234561	0.568194	-1.75996	0.00438727	0.451825	-2.21325	0.0016911	2.55199	2.55199	0.319106	1.23989	1.23989	6.99429	4.83101	0.613962	1
cg21043657	0.0405716	0.53856	-1.8568	0.000577249	0.248151	-4.02981	0.846607	1.05199	1.05199	0.140465	0.660359	-1.51433	6.13022	6.6489	0.964099	1
cg00902195	0.156526	0.827179	-1.20893	0.669881	1.05515	1.05515	1.81E-06	4.43387	4.43387	0.00606077	1.56628	1.56628	22.518	5.58951	0.220644	1
cg10658542	0.729094	0.887564	-1.12668	0.026849	2.45855	2.45855	0.0013368	4.95142	4.95142	0.633589	1.1791	1.1791	7.9701	14.8562	1.65688	1
cg15727252	0.128424	0.46198	-2.1646	0.00246838	0.138337	-7.22875	0.176644	0.509181	-1.96394	0.0188914	0.262849	-3.80446	6.36989	22.2775	3.10872	1
cg24712249	0.0613454	0.73453	-1.36142	0.00324178	0.555632	-1.79975	0.80182	1.03749	1.03749	0.0540456	1.37719	1.37719	4.88911	1.65865	0.301559	1
cg06440960	0.0689491	0.197478	-5.06385	0.00859796	0.0691873	-14.4535	0.0232781	0.115185	-8.68168	0.0636238	0.189757	-5.26991	3.91074	39.3431	8.94246	1
cg17930201	0.0428138	0.206297	-4.84739	0.0106313	0.113631	-8.80044	0.0942059	0.287736	-3.4754	0.0663015	0.247964	-4.03284	3.87466	28.1285	6.45297	1
cg23935330	0.00603789	0.707673	-1.41308	0.285203	1.11295	1.11295	0.914235	0.989668	-1.01044	0.580095	0.947553	-1.05535	3.95602	0.582298	0.130838	1
cg16548261	0.0994844	0.689025	-1.45133	0.00534235	0.46908	-2.13183	0.0215066	0.565711	-1.76769	0.714479	1.07874	1.07874	3.61852	2.43882	0.599096	1
cg22020194	0.0991635	1.84501	1.84501	0.242692	0.662829	-1.50868	0.222392	0.64947	-1.53972	0.357979	1.37313	1.37313	7.9689	13.7843	1.34538	1
cg11856976	0.664931	0.928161	-1.0774	0.00849679	1.77652	1.77652	0.799644	0.957423	-1.04447	0.333793	0.843206	-1.18595	4.08385	1.89298	0.412026	1
cg25289198	0.264962	0.84797	-1.17929	0.225732	0.834784	-1.19791	0.815607	1.03371	1.03371	0.393008	0.883198	-1.13225	3.8878	1.24064	0.283655	1
cg09584118	0.0662736	2.31913	2.31913	0.00497387	4.5647	4.5647	0.0230165	3.03509	3.03509	0.0363522	2.70087	2.70087	3.57189	9.43348	2.34759	1
cg09795979	0.185108	1.56298	1.56298	0.134667	0.598975	-1.66952	0.0501635	2.03319	2.03319	0.813732	0.92774	-1.07789	3.39458	5.42907	1.42163	1
cg02795029	5.72E-05	0.0601406	-16.6277	0.0837275	0.486533	-2.05536	0.343221	0.692431	-1.44419	0.258724	1.55824	1.55824	9.03156	20.2668	1.99467	1
cg14713137	0.972571	1.01857	1.01857	0.39371	0.626486	-1.59621	0.455705	1.50179	1.50179	0.911288	0.94209	-1.06147	6.88701	31.2498	4.03333	1
cg15389528	0.536036	1.31536	1.31536	0.452989	1.39711	1.39711	0.00701938	0.217682	-4.59385	0.294203	1.60947	1.60947	5.309	16.088	2.69362	1
cg12052613	0.0771409	0.400785	-2.4951	0.945567	0.968732	-1.03228	0.219799	1.82266	1.82266	0.448936	0.698373	-1.4319	5.27182	18.0728	3.04728	1
cg01552839	0.382483	0.608668	-1.64293	0.0449562	0.279269	-3.58078	0.22899	0.496679	-2.01337	0.222168	0.491045	-2.03647	4.66175	22.6878	4.32605	1
cg05103793	0.313935	1.12857	1.12857	0.0315675	1.34016	1.34016	0.333477	0.890601	-1.12284	0.00376612	0.63501	-1.57478	59.8896	12.794	0.18989	1
cg15611556	0.489056	0.918709	-1.08848	0.00146589	1.74042	1.74042	0.280071	0.873311	-1.14507	0.349029	0.890203	-1.12334	7.11085	1.6391	0.204895	1
cg22730355	0.725506	0.937946	-1.06616	0.0413853	1.53346	1.53346	0.112557	0.730565	-1.3688	0.0126209	0.56917	-1.75695	4.46978	2.33802	0.464954	1
cg23641964	0.31107	1.1986	1.1986	0.0197793	1.62653	1.62653	0.182128	0.782884	-1.27733	0.601348	0.912913	-1.0954	7.36125	3.48305	0.420586	1
cg20289412	0.043082	1.71756	1.71756	0.00110713	3.05623	3.05623	0.0408179	1.731	1.731	0.0252524	1.85578	1.85578	7.33828	6.27686	0.760318	1
cg18261657	0.0842604	0.71433	-1.39991	0.0067963	1.85473	1.85473	0.405587	1.16168	1.16168	0.722121	1.06491	1.06491	3.45677	1.69836	0.436723	1
cg00107106	0.297012	1.18724	1.18724	0.567267	0.912297	-1.09613	0.00974692	1.68018	1.68018	0.20675	0.809473	-1.23537	6.91904	2.76119	0.35473	1
cg08969669	0.00184826	0.51407	-1.94526	0.148302	0.791826	-1.2629	0.600659	0.923574	-1.08275	0.00886401	0.605658	-1.6511	6.87053	2.46561	0.318994	1
cg06041188	0.964163	1.01037	1.01037	0.0166832	0.511249	-1.95599	0.19886	1.36573	1.36573	0.291973	0.778011	-1.28533	6.44166	5.37698	0.741973	1
cg06714021	0.0705574	1.28701	1.28701	0.14768	1.21403	1.21403	0.573634	0.931472	-1.07357	0.415438	0.901291	-1.10952	6.42575	1.58644	0.219456	1
cg05263605	0.429576	0.698595	-1.43145	0.0422468	2.83137	2.83137	0.000364313	12.6929	12.6929	0.399745	1.46735	1.46735	6.3095	19.773	2.78564	1
cg01569875	0.00376783	0.318141	-3.14326	0.0315365	0.477762	-2.09309	0.0401463	2.00297	2.00297	0.0619338	0.540235	-1.85105	5.30815	7.2135	1.20795	1
cg04787325	0.531761	1.70967	1.70967	0.289749	0.39303	-2.54434	?	?	?	0.00217475	0.021423	-46.6789	5.00178	49.2252	8.61135	1
cg06142108	0.249305	0.661678	-1.51131	0.0156829	0.362104	-2.76164	0.93882	0.974016	-1.02668	0.0255092	0.402385	-2.48518	4.34564	8.09623	1.65606	1
cg05070626	0.325185	1.58595	1.58595	0.00175814	7.56415	7.56415	0.0140336	3.9621	3.9621	0.415926	1.45856	1.45856	3.8209	12.4703	2.90107	1
cg02395637	0.206789	0.767967	-1.30214	0.196361	1.31126	1.31126	0.0595154	1.53159	1.53159	0.262058	0.793361	-1.26046	4.0113	2.40547	0.466414	1
cg08296335	0.153528	0.646411	-1.547	0.133138	0.629638	-1.58821	0.183861	0.668615	-1.49563	0.433643	1.25624	1.25624	3.51304	4.53586	1.14769	1
cg27145034	0.272366	2.40824	2.40824	?	?	?	0.773877	0.801232	-1.24808	0.000770525	0.0198984	-50.2554	6.61527	48.2245	8.33129	1
cg22268341	0.0138881	0.560556	-1.78394	0.0377954	0.632088	-1.58206	0.0540976	1.51636	1.51636	0.420422	0.854918	-1.1697	8.0427	4.61924	0.510524	1
cg14882054	0.143544	0.800729	-1.24886	0.00212432	0.54304	-1.84149	0.000100096	2.65282	2.65282	0.112403	0.783193	-1.27682	10.1429	3.21158	0.281453	1
cg23079217	0.0338382	0.821835	-1.21679	0.19592	1.11439	1.11439	0.291856	1.09047	1.09047	0.0236118	1.23867	1.23867	3.98111	0.395421	0.0882882	1
cg20375220	0.0530087	0.793714	-1.2599	0.0232845	0.752084	-1.32964	0.325148	1.11266	1.11266	0.0279856	0.761251	-1.31363	3.47991	0.608477	0.155426	1
cg18176363	0.0112359	0.458849	-2.17937	0.000129781	0.195823	-5.10666	0.70483	0.910883	-1.09784	0.00187704	0.339133	-2.9487	10.2443	9.75982	0.846853	1
cg03863616	0.135193	1.6354	1.6354	0.299992	0.720308	-1.38829	0.456072	1.26095	1.26095	0.653822	0.871201	-1.14784	7.31772	10.8131	1.31347	1
cg21958743	0.36434	0.789854	-1.26606	0.0438427	1.79731	1.79731	0.0354932	1.85804	1.85804	0.141276	1.49237	1.49237	6.58829	6.68288	0.901652	1
cg00020191	0.382884	1.1813	1.1813	0.0036007	0.480043	-2.08315	0.715667	0.934153	-1.07049	0.604605	1.10215	1.10215	6.38401	3.50534	0.488072	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1-vs-1437 vs. N)	p-value(1527 vs. N)	Fold-Change(1-vs-1527 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5437 vs. N)	Fold-Change(1-vs-5437 vs. N)	p-value(5537 vs. N)	Fold-Change(1-vs-5537 vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-5 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF
cg00884851	SYT1;SYT1;SYT1	0.0193213	0.371089	0.094125	-1.46062	0.200559	0.68232	-1.71165	0.318463	0.663719	-1.50666	0.840207	0.927122	-1.07861	0.00106004	0.145961	-6.85115	0.168955	0.15843	-1.79074	0.00518423	0.230644	-4.33569	0.028308	1.70596	1.70596	0.723963	0.868521	-1.15158	4.75998	11.9137	2.2248	1
cg25193867	SYT1;SYT1;SYT1	0.030353	0.00889559	0.168089	-5.94924	0.038065	0.168359	-5.93967	0.07548576	0.345472	-2.89459	0.513139	1.42659	1.424659	0.284282	0.250216	3.99655	0.08906116	0.366197	-2.73077	0.06245115	0.325198	-3.07505	0.518035	0.703946	-1.42056	0.0247625	0.238863	-4.1865	4.06988	18.498	4.04009	1
cg16248311	SYT1;SYT1;SYT1	0.0154149	0.804251	1.09734	1.09734	0.3636938	2.18099	2.18099	0.131925	0.544301	-1.83722	0.0971685	1.97576	1.97576	0.189949	0.594948	-1.68082	0.04133338	2.41152	2.41152	0.0321342	2.55704	2.55704	0.01144913	3.26599	3.26599	0.8325552	1.08242	1.08242	3.85066	8.53307	1.96978	1
cg24739935	SYT1;SYT1;SYT1	0.0365523	0.890458	1.04028	1.04028	0.112872	0.609917	-1.63958	0.8370104	0.924688	-1.0608	0.037051	1.499706	-2.00118	0.0321742	2.0522	2.0522	0.0115844	2.47044	2.47044	0.1705	2.45426	2.45426	0.6449086	-1.18485	0.154382	0.6440266	-1.54776	0.3027953	1.35776	1.35776	3.8067	4.949434	1.1557	1
cg25214900	SYT1;SYT1;SYT1	0.0373254	0.311674	0.859455	-1.16353	0.838493	0.9709	-1.02997	0.4965519	1.10506	1.10506	0.44291	1.11986	1.11986	0.0001145	0.0013074	3.04626	0.00113046	0.499021	-2.00032	0.06870508	0.744654	-1.34291	0.30128	1.16764	0.976516	0.99575	-1.00427	0.533639	0.912602	-1.09577	1.72785	0.294787	1
cg29990605	SYT2	0.0047478	0.261152	0.837219	-1.19443	0.57932	0.918604	-1.08861	0.693315	1.06193	1.06193	0.372127	1.14904	1.14904	0.22881	0.626103	-1.21049	0.1515571	1.26232	1.26232	8.92E-05	3.945282	-2.89618	0.0524924	2.715852	-1.39694	0.1223369	0.775822	-2.28896	7.45482	2.7139	0.323597	1
cg06375903	SYT2	0.00797427	0.512249	1.17205	1.17205	0.230254	1.35072	1.35072	0.0161879	0.495299	-2.01898	0.312468	1.28346	1.28346	0.180567	0.712053	-1.40439	0.00392671	0.395745	-2.52688	0.00145357	0.333335	-2.99998	0.04107116	0.569484	-1.75597	0.0724219	0.619517	-1.61416	0.350558	5.73802	0.803148	1
cg25668905	SYT2	0.0156747	0.784171	1.04271	1.04271	0.213776	0.9189	-1.0197	0.00533383	0.540945	-1.85093	0.00164042	1.82088	1.82088	0.0908315	1.32822	1.32822	0.607884	1.08204	1.08204	0.0591152	1.38357	1.38357	0.3366061	0.8598898	-1.16293	0.743134	0.951194	-1.05158	5.34096	1.96342	0.326769	1
cg05715649	SYT2	0.0137752	0.00612943	2.224237	-1.45958	0.222585	0.3194	-3.13137	0.01559132	0.291076	-4.35553	0.369538	2.048904	2.048904	0.0001744	0.0004624	21.06874	-4.61097	0.215584	0.579602	-1.72532	0.0138015	0.2809	-3.56889	0.00413301	0.200393	-4.99034	0.11669	0.490409	-2.03912	5.32814	14.7452	2.45992	1
cg17355196	SYT2	0.0208512	0.676449	0.891518	-1.12168	0.0038224	0.344036	-2.90668	0.0123804	0.426605	-2.34409	0.704985	1.10968	1.10968	0.00370324	0.341964	-2.92429	0.1118715	0.622686	-1.60595	0.517829	0.835779	-1.19649	0.284125	0.737529	-1.35588	0.0366321	0.514573	-1.94336	4.638228	5.49941	1.05392	1
cg02107096	SYT2	0.0136472	0.179384	0.676495	-1.47859	0.0012389	0.0139	-7.19309	0.0154204	0.282889	-3.53496	0.040212	2.835997	2.835997	0.0013531	0.178861	5.591271	0.1796673	0.438704	-2.27944	0.0159957	0.898456	-1.11383	0.0270949	1.506211	1.595961	0.353852	1.1873	1.7873	7.9084	4.05138	0.455368	1
cg07572786	SYT2	0.0462843	0.0452836	0.632261	-1.58163	0.215776	0.29702	2.929702	0.921488	0.980515	-1.01987	0.413984	0.846449	-1.18141	0.00288197	0.441244	-2.26632	0.22841	1.769968	-1.28705	0.0910643	0.689659	-1.44999	0.751416	0.93853	-1.0655	0.0645601	0.660691	-1.51357	3.4885	2.2017	0.561006	1
cg13382188	SYT2;SYT2	0.0007168418	0.000539086	0.445026	-2.46093	0.0089677	0.097152	-1.00265	0.0003516	0.513291	-1.93197	0.0064488	0.56263	-1.77737	0.00029368	0.482307	-2.07313	0.0004266	0.2582	-3.87256	0.00192933	0.519042	-1.92573	0.0192233	0.631374	-1.58385	0.00205744	0.494167	-2.02361	12.92645	3.99568	0.370387	1
cg16724416	SYT2;SYT2	0.00123876	0.504432	0.904561	-1.10573	0.0318964	1.45233	1.45233	0.0106242	1.61087	1.61087	0.220934	1.21075	1.21075	0.0928382	0.759621	-1.31638	5.14E-05	0.10813	1.08013	0.0544453	2.133264	-1.38243	0.0282674	1.46867	1.46867	0.0376131	1.43037	1.43037	11.1224	3.87957	0.31005	1
cg24592625	SYT2;SYT2	0.0013418	0.680192	0.907656	-1.10174	0.00502841	2.38077	2.38077	0.0160256	1.99196	1.99196	0.284739	1.29661	1.29661	0.0021705	0.333189	3.0013	0.962626	0.10192	1.01092	0.0033311	3.837482	0.3348314	1.777709	1.77709	0.1980408	0.727598	0.1374	0.8205	9.36439	0.76927	1
cg00982214	SYT2;SYT2	0.0152612	0.0134342	0.580795	-1.72178	0.158657	0.38671	2.586071	0.00594739	0.459368	-2.18147	0.604707	1.951469	-1.09713	0.0208262	0.610297	-1.63849	0.0083155	0.54967	-1.81995	0.0039636	0.332512	-3.00632	0.557134	-1.7949	0.00601158	0.390857	-2.55848	0.0354325	0.647431	-1.54457	0.83537	4.43852	4.443621	1
cg15444794	SYT2;SYT2	0.0045407	0.582778	0.838824	-1.19215	0.940994	0.976821	-1.02373	0.00319813	0.279426	-3.57877	0.988289	0.995361	-1.00466	0.00805491	0.341193	-2.93089	0.0053576	0.54973	-1.81904	0.0001145	0.161961	-5.89588	0.00375236	0.285527	-3.45391	0.0535635	0.499315	-2.00274	7.55704	12.0118	1.41287	1
cg05639812	SYT2;SYT2	0.024858	0.911938	0.98549	-1.01472	0.0093188	0.29343	-3.39097	0.0455355	0.595071	1.28224	1.29224	0.179898	1.21035	1.210351	0.0243864	1.43172	1.43172	0.923876	1.01289	1.01289	0.3809286	0.559741	-1.78654	0.57213	0.885274	-1.12959	0.438387	0.899471	-1.11176	4.36587	1.24235	0.252941	1
cg10171448	SYT2;SYT2	0.0110661	0.115807	0.635014	0.0967141	0.253115	-3.95017	0.1716541	0.348502	-2.86932	0.1203733	0.318946	3.139546	3.139546	0.0001745	0.0004624	21.63744	0.178613	0.379804	-2.63293	0.0323833	0.156874	-6.37654	0.0147678	0.213119	-7.61504	0.0236498	0.160729	-6.22365	3.77796	27.3927	6.44503	1
cg05127456	SYT2;SYT2	0.0424464	0.76738	1.20246	1.20246	0.118928	0.34927	-2.86312	0.261271	0.48279	-2.07129	0.117649	0.347778	-2.8754	0.00324676	0.082504	-12.1206	0.00752656	0.117932	-8.47948	0.186549	0.418824	-2.38764	0.594247	0.715927	-1.39679	0.827121	1.14562	1.14562	3.60316	22.0453	5.4385	1
cg19511590	SYT2;SYT2	0.0090688	0.165567	1.2997	1.2997	0.0002376	0.93127	-1.07395	0.0132437	0.804043	-1.12305	0.702941	1.04845	1.04845	0.0017784	0.993959	-1.00621	0.0015953	0.515124	-1.94216	0.559957	0.899416	-1.11183	0.0379049	1.506211	1.59561	0.353852	1.1873	1.1873	7.9084	4.05138	0.455368	1
cg03115070	SYT3;SYT3	0.00444677	0.332709	0.75399	-1.32628	0.746329	0.912361	-1.09606	0.00143836	0.271987	-3.67665	0.621363	0.868758	-1.15107	0.00103864	0.25349	-3.94494	0.956532	0.984715	-1.01552	0.871126	1.045695	1.04695	0.000693041	0.231555	-4.31864	0.106484	0.607689	-1.64558	7.60512	9.61826	1.12419	1
cg01557648	SYT3;SYT3	0.0060268	0.009583132	1.715961	-1.7022	0.0268377	0.827348	-1.44446	0.0001469	0.181859	-5.49755	0.0001	0.000162	-12.2594	0.0004686	0.1006	-9.94686	0.0720204	1.388	1.388	0.0004985	1.39031	1.39031	0.0018165	0.875118	-1.14742	0.0409258	0.916022	-1.09178	0.0001	0.34905	0.140492	1
cg06723512	SYT3;SYT3	0.0129211	0.0153359	-7.38508	-1.35408	0.710267	0.962705	-1.03874	0.654403	0.955143	-1.04696	0.0428058	0.788616	-1.26804	0.0354462	0.779251	1.28328	0.00187908	0.638272	-1.56673	0.235654	1.13495	1.13495	0.758209	1.03195	1.03195	0.0597031	1.24164	1.24164	5.44095	1.8939976	0.146049	1
cg06732870	SYT3;SYT3	0.0133111	0.979077	1.00754	1.00754	0.258755	1.40142	1.40142	0.792809	1.07831	1.07831	0.0361812	2.09187	2.09187	0.0027415	0.410432	2.43693	0.2203505	2.17001	2.17001	0.00724518	4.36029	4.36029	0.1402426	1.57496	1.57496	0.19277	1.4841	1.4841	5.41509	7.035S5	1.15489	1
cg25826173	SYT3;SYT3;SYT3	2.32E-06	0.00190099	0.125364	-1.20166	0.780874	0.13675	-3.30106	0.0001206	0.168474	0.00134	0.0001	0.000132389	0.403857	-2.47612	0.000132389	0.403857	0.0027604	0.52562	-1.90264	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg00384707	SYT3;SYT3;SYT3	0.00082366	0.00216416	0.559271	-1.78804	0.794774	0.03582	1.03582	0.126467	0.799975	-1.25004	0.00447264	0.59943	-1.66825	0.0338661	0.715756	-1.39712	0.5778093	1.07886	1.07886	5.80E-06	0.252424	-3.9616	0.243609	1.17904	1.17904	0.392744	1.12546	1.12546	16.725	4.82736	0.256562	1
cg15674662	SYT3;SYT3;SYT3	0.00035188	0.80453	1.04271	1.04271	0.0093188	0.29343	-3.39097	0.0455355	0.595071	1.28224	1.29224	0.179898	1.21035	1.210351	0.0243864	1.43172	1.43172	0.923876	1.01289	1.01289	0.3809286	0.559741	-1.78654	0.57213	0.885274	-1.12959	0.438387	0.899471	-1.11176	4.36587	1.24235	0.252941	1
cg25307796	SYT3;SYT3;SYT3	0.000473263	0.008928285	0.679064	-1.47261	0.363166	0.00139	1.00539	0.016555	0.711344	-1.40579	0.028953	0.741038	-1.34946	8.17E-05	0.437657	2.28489	0.0498159	0.770801	-1.29735	2.47E-05	0.376745	-2.65431	0.047567	0.76823	-1.30169	0.781915	0.968227	-1.03282	14.5099	3.11115	0.190592	1
cg25405145	SYT3;SYT3;SYT3	0.000589224	0.212912	1.37649	1.37649	0.185456	1.40779	1.40779	0.037009	1.8039	1.8039	0.462733	1.19971	1.19971	1.85E-05	0.119407	-8.37469	0.339898	1.27073	1.27073	0.0155116	0.485223	-2.06091	0.161895	1.43879	1.43879	0.0210006	0.508486	-1.96662	13.6527	12.82595	0.835292	1
cg11876571	SYT3;SYT3;SYT3	0.00240013	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg11500774	SYT3;SYT3;SYT3	0.00413887	0.181978	0.58019	-1.72357	0.338232	0.13572	2.956522	0.0001	0.146135	0.401833	1.39059	1.39059	0.641946	0.835315	-1.19715	0.0637807	0.448986	-2.22724	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg06440519	SYT3;SYT3;SYT3	0.00641319	0.380246	1.31561	1.31561	0.0268377	0.827348	-1.44446	0.0001469	0.181859	-5.49755	0.0001	0.000162	-12.2594	0.0004686	0.1006	-9.94686	0.0720204	1.388	1.388	0.0004985	1.39031	1.39031	0.0018165	0.875118	-1.14742	0.0409258	0.916022	-1.09178	0.0001	0.34905	0.140492	1
cg16024916	SYT3;SYT3;SYT3	0.0128197	0.0195072	0.527384	-1.89615	0.743509	0.928287	-1.07725	0.0114876	0.488402	-2.04749	0.06131	0.620123	-1.61258	0.019213	0.526236	1.90029	0.0015953	0.515124	-1.94216	0.559957	0.899416	-1.11183	0.0379049	1.506211	1.59561	0.353852	1.1873	1.1873	7.9084	4.05138	0.455368	1
cg20154003	SYT3;SYT3;SYT3	0.0204997	0.920904	1.03161	1.03161	0.376528	0.31205	1.31205	0.010707	0.36573	-2.73425	0.823017	1.07277	1.07277	0.00483132	0.309617	-3.22907	0.0193641	0.53295	-1.87703	0.0162	0.3196	-3.12939	0.0212406	0.419613	-2.38315	0.0581522	0.510963	-1.95709	4.60623	7.26559	1.38415	1
cg12980602	SYT3;SYT3;SYT3	0.0307717	0.291227	1.19344	1.19344	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg12289045	SYT3;SYT3;SYT3	0.0352361	0.247789	0.558249	-1.79131	0.117023	0.27387	2.27387	0.910605	1.05568	1.05568	0.0846499	0.398479	-2.50955	0.17302	0.496809	-2.01285	0.0018798	0.638272	-1.56673	0.235654	1.13495	1.13495	0.758209	1.03195	1.03195	0.0597031	1.24164	1.24164	5.44095	1.8939976	0.146049	1
cg09091167	SYT3;SYT3;SYT3;SYT3	0.00991364	0.0668804	0.645432	-1.54972	0.0222722	0.22722	2.227222	0.627388	0.74355	-1.34555	0.120155	0.518706	-1.92787	0.0019863	0.312723	3.200927	0.0239707	0.56266	-1.77704	0.0072455	0.441531	-2.26504	0.0275541	0.607857	1.645	0.0078844	0.822531	-1.21579	0.34207	0.4185	2.390621	1
cg09765711	SYT3;SYT3;SYT3	0.01945	0.102555	0.566509	-1.7652	0.0175112	0.58082	1.25082	0.77109	0.913971	-1.09725	0.131255	0.595526	-1.67919	0.0014456	0.448648	2.48017	0.0049524	0.38832	-2.57511	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	1
cg12053284	SYT4;SYT4	0.00351445	0.00149953	0.652243	-1.53317	0.647121	0.95371	-1.04854	0.0172881	0.762779	-1.311	0.672992	1.04044	1.04044	0.237292	0.890816	-1.12257	0.0014912	1.5332	1.5332	0.0150276	0.756442	-1.32198	0.4893	1.06779	1.06779	0.193373	1.13715	1.13715	8.16394	1.12757	0.12277	1
cg22066394	SYT5	0.00179706	0.0760702	0.451663	-2.21442	0.0198172	0.58082	1.25082	0.0001469	0.181859	-5.49755	0.0001	0.000162	-12.2594	0.0004686	0.1006	-9.94686	0.0720204	1.388	1.388	0.0004985	1.39031	1.39031	0.0018165	0.875118	-1.14742	0.0409258	0.916022	-1.09178	0.0001	0.34905	0.140492	1
cg05512200	SYT5	0.00176916	0.00029243	0.39647	-2.52226	0.0040835	0.546043	-1.82935	0.0269422	0.663256	-1.50771	0.0299437	0.670155	-1.49219	0.0001004	0.224106	4.45963	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg20239740	SYT5	0.0101132	0.023238	0.701305	-1.42606	0.0036466	0.546046	-1.82935	0.0269422	0.663256	-1.50771	0.0299437	0.670155	-1.49219	0.0001004	0.224106	4.45963	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg22033530	SYT5	0.0150554	0.183913	1.46941	1.46941	0.796654	0.931928	-1.07304	0.32474	0.757569	-1.32001	0.230131	1.41021	1.41021	0.0356795	0.513015	-1.94926	0.0050604	0.401581	-2.49011	0.0977886	0.644223	-1.55258	0.0256073	0.753562	1.327	0.0150529	0.643109	1.555	0.0001	0.34905	0.140492	1
cg25317844	SYT5	0.0002454	0.32986	0.780512	-1.28121	0.815016	0.94388	-1.05946	0.0499396	0.576378	-1.73497	0.32223	0.777244	1.2866	0.0124608	0.464745	-2.15172	0.0020128	0.310638	-3.21918	8.65E-06	0.093708	10.83333	0.574528	1.15003	1.15003	0.0028625	0.363905	-2.74797	14.9326	14.3631	0.854988	1
cg12603641	SYT5	0.00463251	0.00534025	0.675487	-1.48026	0.0288335	0.26149	-3.82458	0.0188383	0.508357	-1.96657	0.0372124	0.624602	1.60134	0.0388502	0.588468	-1.69962	0.0021302	0.310638	-3.21918	8.65E-06	0.093708	10.83333	0.574528	1.15003	1.15003	0.0028625	0.363905	-2.74797	14.9326	14.3631	0.854988	1
cg11345701	SYT5	0.00496257	0.0484962	0.657632	-1.52061	0.0498223	0.501004	-1.99599	0.22095	0.787216	-1.2703	0.542411	1.12149	1.12149	0.00102381	0.40449	2.47225	0.414444	1.16779	1.16779	2.83E-05	0.216319	-4.6228	0.00121183	0.414397	-2.41314	0.00344822	0.477831	-2.09279	14.3203	7.84124	0.48672	1
cg06432557	SYT7	0.00138432	0.738755	1.03763	1.03763	0.000284142	1.92378	1.92378	0.00795967	1.45567	1.45567	0.0394868	1.76884	1.76884	-1.30062	0.0070378	0.680797	1.44687	0.44376	0.91748	-1.08999	0.00333157	1.55411	0.014253	1.29635	1.29635	0.506169	1.07728	1.07728	0.72841	2.06861	0.171461	1
cg16418289	SYT7	0.0054163	0.0266462	0.705106	-1.41859	0.0077624	0.424665	-2.35476	0.0276494	0.665255	-1.50311	0.0307753	0.647272	1.54502	0.0081	0.61886	-1.61634	0.0010357	0.41226	-2.42473	0.0076966	0.458168	2.18242	0.0266501	0.611307	1.63625	0.0078844	0.822531	-1.21579	0.34207	0.4185	2.390621	1
cg23370512	SYT7	0.0057234	0.0920164	0.53181	-1.88037	0.0461813	0.117656	2.17656	0.155638	0.596159	-1.67741	0.12391	1.76348	1.76348	0.104999	0.547005	-1.82783	0.0329644	0.709986	-1.40848	0.000257133	0.128914	-7.7571	0.213703	0.640334	-1.56168	0.0400707	0.445856	-2.24287	7.04085	12.9256	1.63183	1
cg14572111	SYT7	0.0015953	0.0633914	0.736417	-1.35783	0.314074	0.11111	2.14111	0.0003499447	0.257657	2.02188	0.366329	1.12497	1.12497	0.0002979	0.31542	3.17142	0.0719446	0.10036	1.00306	0.0537964	2.00525	1.20525	0.701549	0.885228	-1.12965	0.439661	1.07049	1.07049	4.63603	0.609	0.102341	1
cg26426632	SYT8	0.0400501	0.0733447	2.49262	2.14926	0.0864989	0.60608	1.65608	0.765445	1.12148	1.12148	0.609122	1.21849	1.21849	0.0576407	2.2764	2.2764	0.0236762	0.81508	1.23183	0.0023	0.3196	-3.12947	0.0211749	0.419007	-2.38315	0.0581522	0.510963	-1.95709	4.60623	7.26559	1.38415	1
cg02506095	SYT7	6.59E-06	0.00687569	0.661261	-1.51226	0.00266112	0.1695	1.6195	0.0010392	0.563289	-1.77529	0.387733	1.1103	1.1103	4.20E-07	0.182813	5.47008	0.4914298	0.25045	-3.99292	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg10280412	SYT7	0.0003059554	0.0758122	0.627306	-1.59393	0.0274222	0.375449	-2.66348	0.1812	0.631555	-1.58356	0.0192562	1.95362	1.95362	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg23917844	SYT7	0.00042592	0.32986	0.780512	-1.28121	0.815016	0.94388	-1.05946	0.0499396	0.576378	-1.73497	0.32223	0.777244	1.2866	0.0124608	0.464745	-2.15172	0.0020128	0.310638	-3.21918	8.65E-06	0.093708	10.83333	0.574528	1.15003	1.15003	0.0028625	0.363905	-2.74797	14.9326	14.3631	0.854988	1
cg12603641	SYT7	0.00463251	0.00534025	0.675487	-1.48026	0.0288335	0.26149	-3.82458	0.0188383	0.508357	-1.96657	0.0372124	0.624602	1.60134	0.0388502	0.588468	-1.69962	0.0021302	0.310638	-3.21918	8.65E-06	0.093708	10.83333	0.574528	1.15003	1.15003	0.0028625	0.363905	-2.74797	14.9326	14.3631	0.854988	1
cg11345701	SYT7	0.00496257	0.0484962	0.657632	-1.52061	0.0498223	0.501004	-1.99599	0.22095	0.787216	-1.2703	0.542411	1.12149	1.12149	0.00102381	0.40449	2.47225	0.414444	1.16779	1.16779	2.83E-05	0.216319	-4.6228	0.00121183	0.414397	-2.41314	0.00344822	0.477831	-2.09279	14.3203	7.84124	0.48672	1
cg06432557	SYT7	0.00138432	0.738755	1.03763	1.03763	0.000284142	1.92378	1.92378	0.00795967	1.45567	1.45567	0.0394868	1.76884	1.76884	-1.30062	0.0070378	0.680797	1.44687	0.44376	0.91748	-1.08999	0.00333157	1.55411	0.014253	1.29635	1.29635	0.506169	1.07728	1.07728	0.72841	2.06861	0.171461	1
cg16418289	SYT7	0.0054163	0.0266462	0.705106	-1.41859	0.0077624	0.424665	-2.35476	0.0276494	0.665255	-1.50311	0.0307753	0.647272	1.54502	0.0081	0.61886	-1.61634	0.0010357	0.41226	-2.42473	0.0076966	0.458168	2.18242	0.0266501	0.611307	1.63625	0.0078844	0.822531	-1.21579	0.34207	0.4185	2.390621	1
cg23370512	SYT7	0.0057234	0.0920164	0.53181	-1.88037	0.0461813	0.117656	2.17656	0.155638	0.596159	-1.67741	0.12391	1.76348	1.76348	0.104999	0.547005	-1.82783	0.0329644	0.709986

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08633560	T	0.0181055	0.0145939	0.671412	-1.4894	0.485661	1.09838	1.09838	0.0066012	0.62681	-1.59538	0.930561	1.01161	1.01161	0.567341	0.926286	-1.07958
cg24871596	T	0.0330415	0.193429	0.515871	-1.93847	0.168871	0.494071	-2.024	0.312154	0.604784	-1.65348	0.116992	0.440851	-2.26834	0.0198781	0.258689	-3.86565
cg01072821	T-SP1	2.68E-05	0.211472	1.17799	1.17799	0.00018225	0.454931	-2.19813	2.51E-05	0.353014	-2.83275	0.0891104	1.26278	1.26278	0.000120379	0.433316	-2.30779
cg00014260	T-SP1	3.64E-05	0.531615	0.884836	-1.13015	0.000539732	0.353776	-2.82665	1.89E-05	0.186279	-5.3683	0.000912197	0.383885	-2.60494	0.00305945	0.456934	-2.1885
cg21997510	T-SP1	0.00982778	0.00698191	0.243746	-4.10263	0.595652	1.24194	1.24194	0.00757772	0.249181	-4.01314	0.794061	1.11164	1.11164	0.0102208	0.269839	-3.70591
cg23996846	T-SP1	0.0122543	0.962725	1.00897	1.00897	0.0159695	1.75733	1.75733	0.00447931	0.484676	-2.06324	0.361841	0.836005	-1.19616	0.0171948	0.574189	-1.74159
cg04057858	T-SP1	0.0248584	0.951755	0.987361	-1.0128	0.00748293	0.484894	-2.06231	0.00494519	0.457271	-2.18689	0.0314633	0.588366	-1.69962	0.865997	0.965118	-1.03614
cg15582891	TAAR1	0.00460939	0.459649	0.739378	-1.35249	0.0106192	0.275652	-3.62776	0.0194473	0.322055	-3.10506	0.0020713	0.175646	-5.69328	0.000381971	0.102821	-9.72565
cg24485049	TAAR1	0.0337818	0.0421435	0.696622	-1.4355	0.00472439	0.560138	-1.78527	0.004578	0.558273	-1.79124	0.182808	0.803895	-1.24394	0.715419	0.945029	-1.05817
cg07303330	TAAR2	1.08E-05	0.790918	1.0522	1.0522	0.000126675	0.278694	-3.58817	0.000120873	0.276299	-3.61927	0.014915	0.563629	-1.77422	8.28E-05	0.257318	-3.88625
cg11123303	TAAR2	0.00513649	0.125946	0.562237	-1.77861	0.00761292	0.303183	-3.29834	0.00168356	0.209863	-4.765	0.023612	0.390662	-2.55976	0.0177493	0.366927	-2.72534
cg07732331	TAAR2	0.0115598	0.319542	0.727627	-1.37433	0.557576	0.832491	-1.20121	0.107857	0.581385	-1.72003	0.300533	0.717766	-1.39321	0.0124338	0.382291	-2.61581
cg09217923	TAAR2	0.0146294	0.394056	1.14427	1.14427	0.00257222	0.524535	-1.90645	0.451121	0.88823	-1.12583	0.408588	0.877674	-1.13938	0.169799	1.25326	1.25326
cg15305521	TAAR3	0.00379073	0.0105743	0.573965	-1.74227	0.931701	1.01491	1.01491	0.348012	0.846357	-1.18153	0.0656215	0.69998	-1.42861	0.000341195	0.36936	-2.70739
cg05778025	TAAR3	0.0327416	0.110768	1.52179	1.52179	0.0333646	0.548348	-1.82366	0.52625	0.856267	-1.16786	0.907234	0.972224	-1.02857	0.00275947	0.36867	-2.71245
cg16100392	TAAR3	0.0430691	0.943975	0.982912	-1.01739	0.0132821	0.471202	-2.12223	0.00265192	0.360704	-2.77236	0.947927	0.98411	-1.01615	0.154236	0.687953	-1.45359
cg23878264	TAAR5	0.0158151	0.0261548	0.263728	-3.79178	0.0650933	0.35127	-2.84682	0.00486358	0.151687	-6.59251	0.0443883	0.311502	-3.21025	0.0146225	0.218996	-4.5663
cg17829936	TAAR5	0.0235389	0.603257	0.839159	-1.19167	0.327318	1.40239	1.40239	0.0100036	0.337038	-2.96702	0.204801	1.56433	1.56433	0.637329	1.17212	1.17212
cg23887102	TAAR6	0.00184853	0.000181285	0.178534	-5.60119	0.0173644	0.454749	-2.19901	0.00477003	0.360883	-2.77098	0.382494	0.783784	-1.27586	0.000613158	0.238051	-4.20079
cg05880490	TAAR6	0.0154208	0.00414729	0.134144	-7.4547	0.00629398	0.155641	-6.42503	0.00987556	0.181914	-5.4971	0.849357	1.1045	1.1045	0.00687172	0.160503	-6.23043
cg07558006	TAAR8	8.68E-05	0.305425	1.15996	1.15996	0.0102616	0.636115	-1.57204	0.00011432	0.388039	-2.57706	0.0621188	1.34133	1.34133	5.20E-05	0.347136	-2.88071
cg14047911	TAAR9	0.000919515	0.257538	0.753307	-1.32748	0.00107158	0.313928	-3.18545	0.000130774	0.203489	-4.91427	0.00137273	0.328536	-3.04381	0.0144658	0.485552	-2.05951
cg07882863	TAAR9	0.0056174	0.219586	0.720022	-1.38885	0.191335	0.703278	-1.42191	0.00200524	0.329725	-3.03283	0.00350129	0.364995	-2.73977	0.0915263	0.623261	-1.60446
cg11186224	TAAR9	0.00903401	0.00992424	0.318154	-3.14314	0.00750577	0.298224	-3.35318	0.00205751	0.217292	-4.60211	0.539624	0.803846	-1.24402	0.00725056	0.295821	-3.38042
cg15698945	TAAR9	0.0149859	0.0295434	0.251633	-3.97405	0.015058	0.200119	-4.99703	0.027606	0.245953	-4.06581	0.0113054	0.181186	-5.51918	0.327643	0.580357	-1.72308
cg10535478	TAAR9	0.0417901	0.249203	0.800564	-1.24912	0.132846	1.34919	1.34919	0.138952	0.745155	-1.342	0.257278	0.803837	-1.24403	0.00256778	0.461994	-2.16453
cg19212224	TAC1;TAC1;TAC1;TAC1	0.000263031	0.45216	1.13533	1.13533	0.424897	1.14458	1.14458	0.134136	1.30694	1.30694	0.275687	1.20672	1.20672	0.663583	1.07522	1.07522
cg15954041	TAC1;TAC1;TAC1;TAC1	0.00124596	0.0478256	2.03138	2.03138	0.00122897	4.39558	4.39558	0.0663832	1.90579	1.90579	0.956713	0.983142	-1.01715	0.645047	1.15637	1.15637
cg09236284	TAC1;TAC1;TAC1;TAC1	0.00368448	0.0556752	2.50291	2.50291	0.935887	0.966532	-1.03463	0.87747	0.936803	-1.06746	0.448089	0.720991	-1.38698	0.482034	0.739081	-1.35303
cg11182225	TAC1;TAC1;TAC1;TAC1	0.0040704	0.00138259	0.158211	-6.32065	0.0554385	0.421823	-2.37066	0.0370292	0.381806	-2.61913	0.0139457	0.29895	-3.34504	0.0228639	0.338693	-2.95253
cg11081373	TAC1;TAC1;TAC1;TAC1	0.0287072	0.203334	0.42101	-2.37524	0.0061475	0.0999603	-10.004	0.469192	0.62224	-1.6071	0.350477	0.538407	-1.85733	0.187566	0.406651	-2.45911
cg02539083	TAC1;TAC1;TAC1;TAC1	0.0335664	0.0155728	8.06102	8.06102	0.360006	1.93894	1.93894	0.663696	1.36046	1.36046	0.532337	0.640815	-1.56051	0.180569	0.367741	-2.71931
cg08202265	TAC1;TAC1;TAC1;TAC1	0.0392158	0.129445	0.369077	-2.70946	0.0161512	0.166865	-5.99285	0.0133638	0.154995	-6.45181	0.14353	0.384311	-2.60206	0.0156178	0.164705	-6.07148
cg09910635	TAC1;TAC1;TAC1;TAC1	0.0401287	0.0574165	4.59338	4.59338	0.219546	0.400167	-2.49896	0.0648611	0.229733	-4.35287	0.0952168	0.272396	-3.67113	0.670557	0.738194	-1.35466
cg16288089	TAC1;TAC1;TAC1;TAC1;TAC1;TAC1;TAC1;TAC1	0.0111177	0.105041	4.00292	4.00292	0.748196	1.28687	1.28687	0.244773	2.59295	2.59295	0.499083	0.584315	-1.71141	0.344981	0.466884	-2.14186
cg00472136	TAC3	0.0024844	0.00384136	0.465467	-2.14838	0.0781929	0.681096	-1.46822	0.00478923	0.479584	-2.08514	0.42892	0.853429	-1.17174	9.07E-05	0.253277	-3.94825
cg01649960	TAC3	0.00252909	0.0380602	0.573333	-1.74419	0.0122978	0.486114	-2.05713	0.0055425	0.430347	-2.3237	0.000932781	0.318858	-3.13619	0.000583229	0.292246	-3.42177
cg10901383	TAC3	0.030376	0.533283	1.25382	1.25382	0.0332931	2.43959	2.43959	0.492267	1.28405	1.28405	0.0354928	0.415801	-2.405	0.0142803	0.338507	-2.95415
cg20413866	TAC3	0.0418092	0.0190651	0.381625	-2.62037	0.127124	0.571158	-1.75083	0.247967	0.663635	-1.50685	0.21855	0.644467	-1.55167	0.0118425	0.344135	-2.90584
cg10664429	TAC4;TAC4;TAC4;TAC4;TAC4	0.00327725	0.226852	0.749783	-1.33372	0.673302	0.908241	-1.10103	0.350376	0.803999	-1.24378	0.822388	1.05235	1.05235	0.000496607	0.290256	-3.44523
cg03940520	TAC4;TAC4;TAC4;TAC4;TAC4	0.00516529	0.0404522	0.449746	-2.22348	0.842672	0.935106	-1.0694	0.173248	0.613071	-1.63113	0.621234	0.845216	-1.18313	0.00215942	0.233643	-4.28004
cg08567235	TAC4;TAC4;TAC4;TAC4;TAC4	0.0279218	0.075322	0.454527	-2.20009	0.0980045	0.485413	-2.0601	0.319706	0.66401	-1.506	0.496741	0.759747	-1.31623	0.00988804	0.273094	-3.66175
cg22496729	TAC4;TAC4;TAC4;TAC4;TAC4	0.0454086	0.0192793	0.309835	-3.22752	0.0195281	0.310877	-3.2167	0.118058	0.495336	-2.01883	0.124572	0.502414	-1.99039	0.0462106	0.3885	-2.574
cg12146447	TAC4;TAC4;TAC4;TAC4;TAC4	0.0481395	0.0422144	0.324024	-3.08619	0.0866863	0.402032	-2.48736	0.0328693	0.300625	-3.3264	0.169216	0.493965	-2.02444	0.0527659	0.346378	-2.88702
cg20870000	TACC1	7.17E-05	0.419505	0.854294	-1.17056	0.0128699	0.554507	-1.8034	2.53E-05	0.202598	-4.93588	0.0120129	0.549819	-1.81878	0.513702	0.881219	-1.13479
cg14773619	TACC1	0.000142451	0.0918229	0.808907	-1.23624	0.528988	1.07559	1.07559	1.93E-05	0.371111	-2.69461	0.00798912	0.67811	-1.47469	8.67E-05	0.447238	-2.23594
cg00190034	TACC1	0.00019524	0.0154348	0.548597	-1.82283	0.883425	1.03008	1.03008	0.00036445	0.315388	-3.1707	0.977121	1.00581	1.00581	5.57E-05	0.220021	-4.54501
cg21708058	TACC1	0.0201261	0.968785	1.01258	1.01258	0.204062	1.53457	1.53457	0.329163	0.724869	-1.37956	0.603381	0.845805	-1.18231	0.000772983	0.196704	-5.08379
cg03547905	TACC1	0.0300251	0.0466581	1.63522	1.63522	0.0717277	1.54351	1.54351	0.670208	1.09689	1.09689	0.553992	1.13795	1.13795	0.0564157	1.59411	1.59411
cg02245794	TACC1;TACC1	0.0351236	0.0924931	0.504186	-1.98339	0.0786481	2.05939	2.05939	0.892801	0.951353	-1.05113	0.978321	0.99	-1.0101	0.00284628	0.218892	-4.56846
cg15659713	TACC1;TACC1	0.0480983	0.504362	0.732541	-1.36511	0.0498293	2.79475	2.79475	0.197765	1.86899	1.86899	0.819083	0.900102	-1.11098	0.00641451	0.196125	-5.0988
cg04889181	TACC1;TACC1;TACC1	0.000148588	0.000846573	0.234919	-4.25679	0.247848	0.705527	-1.41738	0.132775	1.59726	1.59726	0.0105729	0.395158	-2.53063	0.000348304	0.190053	-5.26168
cg04049530	TACC1;TACC1;TACC1	0.0131106	0.000666498	0.216973	-4.60888	0.422493	0.78635	-1.2717	0.0268957	0.463514	-2.15743	0.58649	1.17483	1.17483	0.0682774	0.549436	-1.82005
cg27460040	TACC1;TACC1;TACC1	0.016871	0.0351959	0.370476	-2.69923	0.0849818	0.46258	-2.16179	0.0354241	0.37108	-2.69484	0.101812	0.48436	-2.06458	0.0635419	0.429821	-2.32655
cg09990086	TACC1;TACC1;TACC1	0.0468527	0.485993	0.839356	-1.19139	0.228243	1.36731	1.36731	0.0022262	2.88575	2.88575	0.112848	1.53254	1.53254	0.100301	1.56109	1.56109
cg05015913	TACC1;TACC1;TACC1	0.0473162	0.983764	0.997598	-1.00241	0.0349007	0.747864	-1.33714	0.0121153	1.44716	1.44716	0.256839	0.869482	-1.15011	0.110834	1.2279	1.2279
cg04017769	TACC1;TACC1;TACC1;TACC1;TACC1	0.00314873	0.0104587	0.47024	-2.12658	0.274275	1.29458	1.29458	0.0748496	1.57645	1.57645	0.000544135	0.271094	-3.68875	0.421031	0.830245	-1.20446
cg24181174	TACC2;TACC2	0.00025208	0.00200787	0.389481	-2.56752	0.021107	0.548884	-1.82188	0.000715244	0.328152	-3.04737	0.000771155	0.332462	-3.00786	0.00134923	0.365293	-2.73753
cg25388349	TACC2;TACC2	0.000665095	0.957897	1.00744	1.00744	0.026972	0.692437	-1.44418	0.0960723	0.773795	-1.29233	0.00303221	0.565507	-1.76832	2.51E-05	0.309105	-3.23514
cg18680328	TACC2;TACC2	0.000803553	0.435764	0.82371	-1.21402	0.107985	0.651975	-1.5338	0.039598	0.559634	-1.78688	0.722233	1.09096	1.09096	0.00020469	0.219208	-4.56187
cg26117137	TACC2;TACC2	0.00179667	0.883165	1.01677	1.01677	0.0144456	0.711166	-1.40614	0.000452963	0.535258	-1.86826	0.02522	1.35113	1.35113	0.0236595	0.736774	-1.35727
cg16652855	TACC2;TACC2	0.00258022	0.00214441	0.273794	-3.65238	0.149016	0.62816	-1.59195	0.0053673	0.332345	-3.00892	0.0102351	0.378107	-2.64476	0.000610791	0.204686	-4.88553
cg26111575	TACC2;TACC2	0.00956534	0.00318297	0.211047	-4.73829	0.00667826	0.256899	-3.89257	0.0788285	0.470588	-2.125	0.048801	0.419362	-2.38457	0.0130915	0.304657	-3.28238
cg15351652	TACC2;TACC2	0.0098291	0.00902208	0.217835	-4.59062	0.0283508	0.304768	-3.28119	0.36147	0.650076	-1.53828	0.0747561	0.402021	-2.48743	0.0525231	0.36346	-2.75133
cg09451613	TACC2;TACC2	0.0101489	0.0199362	0.401628	-2.48987	0.019277	0.398863	-2.50712	0.110485	1.75901	1.75901	0.329304	0.721149	-1.38668	0.00637765	0.315789	-3.16667
cg09624870	TACC2;TACC2	0.022741	0.899619	1.04254	1.04254	0.42304	0.763258	-1.31017	0.100791	1.81012	1.81012	0.634938	1.17106	1.17106	0.00748049	0.320842	-3.1168
cg11404751	TACC2;TACC2	0.0296379	0.026693	0.232739	-4.29667	0.0646637	0.315951	-3.16505	0.660566	0.782438	-1.27806	0.146387	0.42081	-2.37637	0.0240823	0.224547	-4.45341
cg26698473	TACC2;TACC2	0.0413764	0.0335049	0.426131	-2.3467	0.299661	0.691338	-1.44647	0.740316	1.121	1.121	0.584061	0.827073	-1.20908	0.0259206	0.403303	-2.47952
cg07944162	TACC2;TACC2;TACC2;TACC2	0.00165073	0.151421	1.52555	1.52555	0.0810632	1.70144	1.70144	0.93905	1.02123	1.02123	0.43451	1.24496	1.24496	0.000119287	0.157397	-6.35335
cg12689227	TACC2;TACC2;TACC2;TACC2	0.00337354	0.725947	0.950449	-1.05213	0.44737	1.11833	1.11833	0.349031	0.870035	-1.14938	0.00227319	0.539837	-1.85241	0.00124388	0.505957	-1.97645
cg23304023	TACC2;TACC2;TACC2;TACC2	0.012341	0.460142	0.606878	-1.64778	0.0293654	5.49722	5.49722	0.345279	1.90705	1.90705	0.767943	0.821594	-1.21715	0.111838	0.316652	-3.15804
cg24144047	TACC2;TACC2;TACC2;TACC2	0.0241147	0.0436639	0.752687	-1.32857	0.915257	1.01312	1.01312	0.623431	0.941178	-1.0625	0.176142	1.19266	1.19266	0.535851	1.07983	1.07983
cg25307318	TACC2;TACC2;TACC2;TACC2	0.02967	0.573153	1.07163	1.07163	0.00449259	1.58457	1.58457	0.79267	1.03253	1.03253	0.202486	1.17764	1.17764	0.459461	0.912536	-1.09585
cg05310185	TACC2;TACC2;TACC2;TACC2	0.043717	0.021718	0.17186	-5.8187	0.0133303	0.14092	-7.09622	0.110552	0.3291	-3.03859	0.144276	0.366974	-2.72499	0.0182997	0.160371	-6.23553
cg25000764	TACC3	2.52E-05	0.0242332	0.671884	-1.48835	0.685256	0.941466	-1.06217	0.640687	1.07206	1.07206	0.98209	1.00333	1.00333	2.83E-07	0.106498	-9.38989
cg15467503	TACC3	0.000175555	5.04E-05	0.114661	-8.72132	0.00216174	0.293198	-3.41066	0.00272124	0.307409	-3.253	0.000425791	0.203939	-4.90343	4.50E-05	0.110738	-9.03032
cg19845878	TACC3	0.000348486	0.0475354	0.643835	-1.55319	5.67E-05	0.233945	-4.2745	5.43E-05	0.231926	-4.31171	0.00018252	0.292489	-3.41894	0.188912	0.763069	-1.3105
cg18523346	TACC3	0.00700766	0.0147251	0.398796	-2.50754	0.53853	1.21009	1.21009	0.713537	0.893231	-1.11953	0.219149	1.48547	1.48547	0.0112344	0.378063	-2.64506
cg17022633	TACC3	0.00986061	0.304088	0.716171	-1.39632	0.0311229	0.452266	-2.21109	0.0570068	0.508914	-1.96497	0.0378675	0.46993	-2.12798	0.000197867	0.140656	-7.10955
cg13192688	TACC3	0.010169	0.418555	0.898138	-1.11341	0.0316281	0.720724	-1.38749	0.0981918	0.789982	-1.26585	0.0915515	1.27313	1.27313	0.61	1.06915	1.06915
cg25112220	TACC3	0.0137102	0.0538255	0.594842	-1.68112	0.00126942	0.327678	-3.05177	0.409931	0.818772	-1.22134	0.250596	0.752126	-1.32956	0.535708	0.861733	-1.16045
cg20455774	TACC3	0.0143273	0.03121	0.706719	-1.41499	0.49534	0.909316	-1.09973	0.00979119	0.638629	-1.56586	0.484697	1.10241	1.10241	0.0186683	0.676075	-1.47913
ch.4.71452R	TACC3	0.0153868	0.367435	0.781415	-1.27973	0.0612601	0.57017	-1.75386	0.00562614	0.379755	-2.63328	0.34424	0.771399	-1.29635	0.105007	1.60309	1.60309
cg15847195	TACC3	0.019844	0.00473814	0.792389	-1.26201	0.981288	0.998546	-1.00146	0.12459	0.902	-1.10865	0.659945	1.02785	1.02785	0.80693	0.984927	-1.0153
cg19547976	TACC3	0.0316525	0.775941	1.07542	1.07542	0.00375648	0.369059	-2.7096	0.339811	0.778269	-1.2849	0.644903	1.12552	1.12552	0.0135358	0.458988	-2.1787
cg15644305	TACC3	0.0367937	0.0458294	0.520887	-1.9198	0.893822	0.962667	-1.03878	0.00197167	0.287682	-3.47606	0.906692	1.03397	1.03397	0.0215912	0.455615	-2.19483
cg04910718	TACO1	0.00357084	0.0662959	0.635359	-1.57391	0.0273059	1.77729	1.77729	0.872112	0.965146	-1.03611	0.406833	0.829566	-1.20545	0.000106401	0.221742	-4.50974
ch.17.1630550F	TACO1	0.00535569	8.06E-05	0.0285835	-34.9852	0.84134	0.913415	-1.09479	0.646573	0.811564	-1.23219	0.0992279	0.43683	-2.28922	0.0215321	0.276866	-3.61185
cg14750190	TACO1	0.0134089	0.0956289	1.22838	1.22838	0.00655652	0.672456	-1.48709	0.0741771	0.799646	-1.25055	0.107366	1.21833	1.21833	0.927592	0.989838	-1.01027
cg17129331	TACO1	0.0151492	0.284655	0.90841	-1.10082	0.268205	1.10482	1.10482	0.0129626	1.30545	1.30545	0.0713249	0.840223	-1.19016	0.639509	1.04162	1.04162
cg23226387	TACO1	0.023614	0.582869	0.900824	-1.11009	0.148546	0.746922	-1.33883	0.0469262	0.651616	-1.53465	0.900747	0.976778	-1.02377	0.388691	0.846745	-1.18099
cg15387893	TACO1	0.0332947	0.275617	0.874472	-1.14355	0.0132611	1.43763	1.43763	0.178592	1.18414	1.18414	0.313435	1.13123	1.13123	0.258171	0.869757	-1.14975
cg16317052	TACO1	0.0491647	0.0818736	2.28224	2.28224	0.734523	0.864438	-1.15682	0.211713	0.569464	-1.75604	0.703082	0.848826	-1.1781	?	?	?
cg00053292	TACO1;TACO1	0.0412963	0.347073	1.37736	1.37736	0.846168	0.937789	-1.06634	0.642039	1.16743	1.16743	0.299009	1.42754	1.42754	0.608761	1.18615	1.18615
cg06848802	TACR1	0.0159834	0.0534509	0.349597	-2.86043	0.00122972	0.0940335	-10.6345	0.01017	0.205953	-4.85549	0.52511	0.738581	-1.35395	0.175908	0.505492	-1.97827
cg12220426	TACR1;TACR1	0.000358676	0.00553012	0.457373	-2.1864	0.128869	0.70321	-1.42205	0.258483	0.7765	-1.28783	0.767253	0.938307	-1.06575	0.00011337	0.233567	-4.28143
cg25797006	TACR1;TACR1	0.00113865	0.449234	0.871684	-1.1472	0.000120305	0.302116	-3.30998	0.000726469	0.400426	-2.49734	0.00165907	0.448659	-2.22887	0.0409749	0.657006	-1.52206
cg18432099	TACR1;TACR1	0.0015199	0.021396	1.56242	1.56242	0.128064	1.29822	1.29822	0.00359429	0.522353	-1.91442	0.023176	0.645491	-1.54921	0.735096	1.0547	1.0547
cg15127613	TACR1;TACR1	0.00358176	0.605017	1.07843	1.07843	0.0430321	0.708899	-1.41064	0.168052	0.806999	-1.23916	0.092855	0.76242	-1.31161	0.0141417	0.635931	-1.5725
cg22277431	TACR1;TACR1	0.00628469	0.000420404	0.214877	-4.65382	0.700998	1.11196	1.11196	0.0839677	1.69212	1.69212	0.811118	1.06807	1.06807	0.156939	0.659411	-1.5165
cg20689228	TACR1;TACR1	0.00783268	0.439443	0.914625	-1.09334	0.103521	1.22324	1.22324	0.0545974	1.27988	1.27988	0.0963935	0.813345	-1.22949	0.860754	0.980325	-1.02007
cg14054283	TACR1;TACR1	0.00833396	0.111626	0.603384	-1.65732	0.84807	1.05751	1.05751	0.765751	0.916571	-1.09102	0.93268	0.975668	-1.02494	0.000392075	0.192588	-5.19243
cg04077047	TACR1;TACR1	0.00894149	0.196969	0.631828	-1.58271	0.138775	0.584862	-1.7098	0.0127092	0.352637	-2.83578	0.852502	1.06465	1.06465	0.00136601	0.209298	-4.77788
cg16330786	TACR1;TACR1	0.00902935	0.661228	0.881179	-1.13484	0.380933	0.772751	-1.29408	0.187479	0.669837	-1.4929	0.637041	1.14607	1.14607	0.0021002	0.289065	-3.45943
cg04582974	TACR1;TACR1	0.011521	0.398552	0.914046	-1.09404	0.65199	1.04834	1.04834	0.00311394	1.52267	1.52267	0.0853376	1.2187	1.2187	0.683528	1.04354	1.04354
cg14650577	TACR1;TACR1	0.0117151	0.355577	0.722631	-1.38383	0.110457	1.81233	1.81233	0.718807	0.883732	-1.13156	0.530182	1.24282	1.24282	0.740357	1.1204	1.1204
cg08073003	TACR1;TACR1	0.0150774	0.303109	0.869893	-1.14957	0.00475046	1.63227	1.63227	0.240526	1.17418	1.17418	0.401744	0.893915	-1.11867	0.809046	0.968859	-1.03214
cg10576257	TACR1;TACR1	0.0222554	0.829234	0.979946	-1.02046	0.165723	1.14871	1.14871	0.0312993	1.26735	1.26735	0.150079	0.865281	-1.15569	0.454104	0.930982	-1.07413
cg03464378	TACR1;TACR1	0.022967	0.87506	1.01736	1.01736	0.301913	0.889583	-1.12412	0.927244	1.01004	1.01004	0.294872	1.1262	1.1262	0.684963	0.95636	-1.04563
cg18668821	TACR1;TACR1	0.0233864	0.00122276	0.135024	-7.40607	0.470162	0.732739	-1.36474	0.762747	1.13671	1.13671	0.1632	1.87744	1.87744	0.058966	0.40551	-2.46603
cg03267419	TACR1;TACR1	0.0399882	0.0104044	0.118013	-8.47363	0.634433	1.37339	1.37339	0.312899	1.99648	1.99648	0.986203	0.988612	-1.01152	0.00841678	0.107635	-9.29068
cg15584401	TACR1;TACR1;TACR1;TACR1	0.00038168	0.00168666	0.460927	-2.16954	0.000274864	2.79592	2.79592	0.0533603	1.46043	1.46043	0.000405296	2.63809	2.63809	0.00824627	0.558181	-1.79153
cg11348389	TACR1;TACR1;TACR1;TACR1	0.00121218	0.00104964	0.347772	-2.87545	0.550241	0.87663	-1.14073	0.358287	0.814009	-1.22849	0.00455661	2.27743	2.27743	0.0171208	0.530986	-1.88329
cg26033710	TACR1;TACR1;TACR1;TACR1	0.00148998	0.00142098	0.352093	-2.84016	0.000818589	3.12809	3.12809	0.119504	1.46517	1.46517	0.0176891	1.92005	1.92005	0.00226539	0.380675	-2.62691
cg20213613	TACR1;TACR1;TACR1;TACR1	0.0105538	0.522681	0.892508	-1.12044	0.000379725	2.70874	2.70874	0.323331	0.836055	-1.19609	0.357755	1.18059	1.18059	0.130678	0.750885	-1.33176
cg02303677	TACR2	0.000126297	0.0616922	0.526465	-1.89946	0.966292	1.01297	1.01297	0.000117696	0.128047	-7.80965	0.00341191	0.297284	-3.36379	1.51E-05	0.0648984	-15.4087
cg18675128	TACR2	0.00189199	0.00764097	0.365152	-2.73859	0.185764	0.662204	-1.51011	0.000218841	0.163614	-6.11194	0.373901	0.764797	-1.30754	0.000688224	0.218156	-4.58387
cg26866174	TACR2	0.00694595	0.0208903	0.39636	-2.52296	0.689348	0.874792	-1.14313	0.00486347	0.28854	-3.46572	0.25716	0.67456	-1.48245	0.000532368	0.166092	-6.02075
cg06597858	TACR2	0.0120251	0.00902785	0.177511	-5.63346	0.00634061	0.15709	-6.36577	0.0352686	0.278859	-3.58605	0.0672603	0.343663	-2.90983	0.0329379	0.272742	-3.66646
cg17825173	TACR2	0.0340179	0.330345	1.24521	1.24521	0.388145	1.21302	1.21302	0.317438	1.25311	1.25311	0.16473	0.723534	-1.38211	0.0172512	0.530791	-1.88398
cg23339629	TACR2	0.0403727	0.0415029	0.580614	-1.72231	0.686488	1.09839	1.09839	0.0168174	0.509313	-1.96343	0.347325	0.799473	-1.25082	0.0213788	0.527533	-1.89562
cg14664621	TACR3	0.000388946	0.571182	0.863208	-1.15847	0.686694	0.901024	-1.10985	0.512212	0.842944	-1.18632	0.455145	0.822398	-1.21596	0.152006	0.674051	-1.48357
cg00875511	TACR3	0.00105078	0.562562	0.921272	-1.08546	0.011028	0.639808	-1.56297	0.184686	1.21781	1.21781	0.29149	0.857863	-1.16569	0.0948061	0.77325	-1.29324
cg04535008	TACR3	0.00244135	0.734163	1.07063	1.07063	0.338745	0.820834	-1.21827	0.0502902	1.56327	1.56327	0.594855	1.11346	1.11346	0.810692	1.04922	1.04922
cg12866229	TACR3	0.00490204	0.563997	0.831163	-1.20313	0.0379935	0.466379	-2.14418	0.0309463	0.447863	-2.23283	0.626344	1.16833	1.16833	0.000775638	0.199325	-5.01694
cg02133070	TACR3	0.00553842	0.000716121	0.0444207	-22.512	0.824278	1.14391	1.14391	0.0838133	0.314488	-3.17977	0.209166	0.449172	-2.22632	0.00151307	0.0631254	-15.8415
cg18538958	TACR3	0.00968692	0.596009	0.612144	-1.6336	0.355869	0.418479	-2.38961	0.747265	0.743355	-1.34525	0.823675	1.22717	1.22717	0.106884	0.198961	-5.02612
cg19163049	TACR3	0.0254426	0.901293	0.984469	-1.01578	0.793121	0.967388	-1.03371	0.00809566	1.53382	1.53382	0.712173	0.954329	-1.04786	0.551256	0.926771	-1.07902
cg20128928	TACR3	0.0323393	0.790132	0.842128	-1.18747	0.642884	0.74024	-1.35091	0.826607	0.868212	-1.15179	0.39705	1.74826	1.74826	0.198888	0.417071	-2.39767
cg04263186	TACR3	0.034144	0.333451	0.488283	-2.04799	0.469908	0.589632	-1.69597	0.981748	1.01657	1.01657	0.207886	2.59652	2.59652	0.312952	0.472383	-2.11693
cg16461251	TACR3;TACR3	0.00607616	0.365736	0.627124	-1.59458	0.76648	0.861104	-1.1613	0.817182	0.890236	-1.1233	0.656656	1.25188	1.25188	0.173495	0.48329	-2.06915
cg16699148	TACSTD2	0.000961289	0.00599574	3.63266	3.63266	0.00160654	5.07889	5.07889	0.0062359	3.59832	3.59832	0.0327219	2.45334	2.45334	0.00427852	3.94574	3.94574
cg01821018	TACSTD2	0.0024028	0.0438898	2.1281	2.1281	0.00174063	4.28849	4.28849	0.0326903	2.25913	2.25913	0.43224	1.2987	1.2987	0.0504765	2.0687	2.0687
cg00667789	TACSTD2	0.00330557	0.032554	5.29887	5.29887	0.000870743	27.9132	27.9132	0.115338	3.12999	3.12999	0.117574	3.1046	3.1046	0.0170188	6.95415	6.95415
cg17210938	TACSTD2	0.00377083	0.0255228	5.63595	5.63595	0.0287466	5.36909	5.36909	0.024523	5.72876	5.72876	0.06573	3.84015	3.84015	0.011433	7.86326	7.86326
cg00554413	TACSTD2	0.0117197	0.029205	5.64476	5.64476	0.0140801	7.70109	7.70109	0.116572	3.15352	3.15352	0.0493564	4.53056	4.53056	0.0221226	6.34734	6.34734
cg13786801	TACSTD2	0.0185745	0.0301811	13.0949	13.0949	0.0493984	9.6117	9.6117	0.18385	4.14841	4.14841	0.104089	6.0086	6.0086	0.0152574	20.2153	20.2153
cg16080552	TACSTD2	0.0210162	0.0401386	6.9104	6.9104	0.00673137	17.5325	17.5325	0.0126727	12.4984	12.4984	0.079334	4.89204	4.89204	0.0330986	7.62041	7.62041
cg24851854	TACSTD2	0.0326724	0.0537286	16.2968	16.2968	0.0429079	19.4705	19.4705	0.16325	6.65996	6.65996	0.101162	9.84747	9.84747	0.0331164	23.907	23.907
cg04863005	TACSTD2	0.0387438	0.11796	4.16908	4.16908	0.0416909	7.20359	7.20359	0.0154967	12.1488	12.1488	0.0647982	5.72121	5.72121	0.0232425	9.78957	9.78957
cg05065507	TACSTD2;TACSTD2	0.0355062	0.0361504	17.0444	17.0444	0.0498638	13.5079	13.5079	0.0913614	8.70498	8.70498	0.0873608	8.99457	8.99457	0.0223539	24.184	24.184

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08633560	0.215674	1.18838	1.18838	0.0673962	0.762275	-1.31186	0.00340923	0.590313	-1.69402	0.78298	0.964091	-1.03725	4.86555	1.35179	0.24696	1
cg24871596	0.0038002	0.152952	-6.53801	0.0501776	0.341655	-2.92693	0.00750206	0.191044	-5.2344	0.0608422	0.361906	-2.76315	3.94827	14.466	3.25678	1
cg01072821	0.680806	1.05282	1.05282	4.74E-05	0.385169	-2.59626	4.80E-05	0.385807	-2.59197	8.08E-05	0.412648	-2.42337	31.3595	7.69116	0.218007	1
cg00014260	0.00418197	0.476643	-2.098	1.65E-06	0.0978641	-10.2183	0.000359069	0.331057	-3.02063	0.331775	0.824191	-1.21331	28.9449	17.0931	0.524924	1
cg21997510	0.959943	0.979886	-1.02053	0.14716	1.87638	1.87638	0.00345423	0.200626	-4.9844	0.188685	0.569258	-1.75667	5.94353	15.4065	2.30413	1
cg23996846	0.0964691	1.41731	1.41731	0.962231	1.00909	1.00909	0.0334495	1.60781	1.60781	0.604014	0.904848	-1.10516	5.53567	3.20182	0.514132	1
cg04057858	0.366936	1.21512	1.21512	0.302598	1.25169	1.25169	0.595719	0.893535	-1.11915	0.0457348	0.617857	-1.6185	4.36584	3.05577	0.622156	1
cg15582891	0.102374	0.488258	-2.0481	0.0123449	0.286657	-3.48849	0.0616344	0.429868	-2.3263	0.00931446	0.266345	-3.75452	7.52266	19.1642	2.26447	1
cg24485049	0.226379	0.821897	-1.2167	0.0529437	0.712029	-1.40444	0.0476209	0.704832	-1.41878	0.234554	0.824975	-1.21216	3.91692	1.47912	0.335664	1
cg07303330	0.000184376	0.298178	-3.3537	2.73E-07	0.0544693	-18.359	0.289685	0.810205	-1.23426	0.000823416	0.380968	-2.62489	39.7712	23.1023	0.516339	1
cg11123303	0.15755	0.591214	-1.69143	0.00275782	0.237826	-4.20476	0.0398507	2.28479	2.28479	0.191632	0.618327	-1.61727	7.27846	13.9412	1.70258	1
cg07732331	0.0030346	0.284915	-3.50981	0.000537699	0.189314	-5.28222	0.516533	0.816023	-1.22546	0.418594	0.774539	-1.29109	5.64138	8.53711	1.34516	1
cg09217923	0.167692	1.25484	1.25484	0.00776344	1.69513	1.69513	0.206937	1.2281	1.2281	0.0835667	1.34401	1.34401	5.22369	1.97158	0.335493	1
cg15305521	0.256587	0.815106	-1.22683	0.016644	1.65664	1.65664	0.458268	1.13928	1.13928	0.0108197	0.575446	-1.73778	7.98053	3.76737	0.419618	1
cg05778025	0.859005	0.957943	-1.0439	0.120796	1.50165	1.50165	0.845652	0.953996	-1.04822	0.141393	0.68239	-1.46544	3.96122	3.6633	0.822037	1
cg16100392	0.337139	1.27467	1.27467	0.60529	1.13639	1.13639	0.72709	0.917661	-1.08973	0.297363	0.767242	-1.30337	3.58371	3.41371	0.846723	1
cg23878264	0.473588	0.691992	-1.4451	0.00194775	0.10933	-9.14663	0.140693	0.449113	-2.22661	0.0336572	0.28557	-3.50177	5.09062	20.5722	3.59217	1
cg17829936	0.0760528	0.51674	-1.93521	0.00340054	0.264066	-3.78694	0.274242	1.46298	1.46298	0.536002	1.23317	1.23317	4.44915	7.88124	1.57458	1
cg23887102	0.251038	0.721639	-1.38573	0.0508482	0.546	-1.8315	0.454833	0.812956	-1.23008	0.00177788	0.298129	-3.35425	9.86533	11.5611	1.04168	1
cg05880490	0.309009	0.576758	-1.73383	0.573844	0.743018	-1.34586	0.0390496	0.286922	-3.48527	0.0924401	0.379846	-2.63265	5.13345	22.2141	3.8465	1
cg07558006	0.0132752	0.651121	-1.53581	1.62E-05	0.288735	-3.46339	0.531679	0.915227	-1.09262	0.00105784	0.508089	-1.96816	22.9951	7.12023	0.275236	1
cg14047911	0.00196892	0.350419	-2.85373	0.000652488	0.28568	-3.50042	0.0619529	0.604152	-1.65521	0.0109039	0.46478	-2.15156	12.0494	10.9693	0.809207	1
cg07882863	0.00350105	0.36499	-2.7398	0.00116869	0.297428	-3.36216	0.709271	1.09998	1.09998	0.335189	0.776563	-1.28773	7.08145	7.26125	0.911457	1
cg11186224	0.00304394	0.239933	-4.16783	0.458904	0.767079	-1.30365	0.638652	0.846792	-1.18093	0.277793	0.67245	-1.4871	6.10506	11.9534	1.7404	1
cg15698945	0.0209158	0.223917	-4.46595	0.00139618	0.0826497	-12.0993	0.0405213	0.279758	-3.57452	0.326432	0.579515	-1.72558	5.18231	23.7989	4.08208	1
cg10535478	0.20729	1.2784	1.2784	0.286475	1.22683	1.22683	0.969357	1.00712	1.00712	0.994257	1.00133	1.00133	3.62405	1.9579	0.480224	1
cg19212224	0.767889	0.95214	-1.05027	0.495073	0.891544	-1.12165	2.44E-06	6.6518	6.6518	0.105355	0.745872	-1.34071	17.0521	7.41584	0.386572	1
cg15954041	0.951197	0.981011	-1.01936	0.941366	1.02331	1.02331	2.40E-05	13.9723	13.9723	0.488008	1.24692	1.24692	11.0525	17.1735	1.38116	1
cg09236284	0.390038	1.45162	1.45162	0.0562261	0.40057	-2.49644	7.66E-05	20.7493	20.7493	0.534216	0.766161	-1.30521	8.04895	22.8225	2.52042	1
cg11182225	0.0217264	0.334394	-2.99048	0.000253941	0.0910031	-10.9886	0.138542	0.530454	-1.88518	0.0151675	0.305413	-3.27426	7.81128	19.5574	2.22555	1
cg11081373	0.0531227	0.242746	-4.11953	0.00164297	0.0547942	-18.2501	0.540206	0.670654	-1.49108	0.043754	0.224618	-4.45201	4.1511	27.2889	5.84347	1
cg02539083	0.40695	0.550531	-1.81643	0.684171	0.74995	-1.33342	0.00231246	19.9827	19.9827	0.866266	0.888173	-1.12591	3.92595	30.7809	6.96921	1
cg08202265	0.278912	0.504117	-1.98366	0.193771	0.433199	-2.30841	0.0533156	0.263002	-3.80225	0.00932875	0.134481	-7.43598	3.71006	21.7508	5.21126	1
cg09910635	0.0605003	0.222785	-4.48863	0.0649908	0.229936	-4.34903	0.0331254	5.85385	5.85385	0.331145	0.490996	-2.03667	3.67878	29.3211	7.08473	1
cg16288089	0.415223	0.520935	-1.91962	0.490309	0.577701	-1.731	0.000209628	128.482	128.482	0.877593	1.12828	1.12828	5.71289	55.4818	8.63262	1
cg00472136	0.00573644	0.491282	-2.03549	0.934967	1.01615	1.01615	0.0686279	0.670299	-1.49187	0.181555	0.757033	-1.32095	9.04869	5.52045	0.542295	1
cg01649960	0.00156624	0.349545	-2.86087	0.00943716	0.467129	-2.14074	0.0132673	0.491646	-2.03399	0.0458151	0.58882	-1.69831	9.00133	7.63017	0.753486	1
cg10901383	0.811117	0.917754	-1.08962	0.548088	0.804226	-1.24343	0.0257217	2.58472	2.58472	0.253985	1.53269	1.53269	4.06878	8.28097	1.80911	1
cg20413866	0.0450089	0.457984	-2.18348	0.0319673	0.426065	-2.34706	0.0073464	0.309429	-3.23176	0.508147	0.796205	-1.25596	3.62344	6.6136	1.62243	1
cg10664429	0.00521455	0.433195	-2.30843	0.000631387	0.303581	-3.29401	0.0360851	0.575073	-1.73891	0.00610255	0.443788	-2.25333	8.33597	6.8006	0.725168	1
cg03940520	0.197213	0.631109	-1.58451	0.000152187	0.111508	-8.96798	0.974689	0.989345	-1.01077	0.065422	0.497464	-2.0102	7.26602	13.1187	1.60488	1
cg08567235	0.044384	0.398734	-2.50794	0.00176296	0.169634	-5.89504	0.952325	0.976473	-1.02409	0.0496939	0.410032	-2.43884	4.19191	10.5271	2.23226	1
cg22496729	0.0161292	0.295639	-3.38251	0.0139095	0.284273	-3.51775	0.0844801	0.453855	-2.20335	0.236447	0.598388	-1.67116	3.51361	9.53552	2.41234	1
cg12146447	0.0414672	0.322297	-3.10272	0.00815284	0.195788	-5.10758	0.260382	0.568176	-1.76002	0.0191265	0.255248	-3.91776	3.4372	12.6242	3.26473	1
cg20870000	0.440836	0.860646	-1.16192	9.70E-06	0.162399	-6.15768	0.0641369	0.672208	-1.48764	2.00E-05	0.192283	-5.20068	24.1969	13.9694	0.513173	1
cg14773619	0.683339	1.04797	1.04797	0.453255	1.09122	1.09122	0.00019676	0.489137	-2.04442	0.000966707	0.570462	-1.75297	20.1351	4.16312	0.183786	1
cg00190034	0.00130824	0.388559	-2.57361	0.000275175	0.300163	-3.33152	0.000129273	0.260851	-3.83361	0.00144041	0.394324	-2.53598	18.4915	11.9523	0.574548	1
cg21708058	0.242478	0.6765	-1.4782	0.0533026	0.495883	-2.0166	0.0185374	0.401596	-2.49006	0.678155	0.875175	-1.14263	4.69452	7.58977	1.43709	1
cg03547905	0.0559581	1.59586	1.59586	0.00106642	2.84067	2.84067	0.0854225	1.50754	1.50754	0.09326	1.48971	1.48971	4.08562	3.01559	0.656088	1
cg02245794	0.674379	0.855309	-1.16917	0.0204972	0.356076	-2.80839	0.269682	0.653681	-1.5298	0.327823	0.68826	-1.45294	3.8622	8.36797	1.9259	1
cg15659713	0.791747	1.12927	1.12927	0.854435	1.08803	1.08803	0.0440124	2.89548	2.89548	0.278162	1.67875	1.67875	3.43831	11.4922	2.97102	1
cg04889181	0.0793067	0.569837	-1.75489	9.10E-06	0.0625212	-15.9946	0.00834113	0.37782	-2.64676	0.000213451	0.167698	-5.96309	19.9076	26.2821	1.17351	1
cg04049530	0.015745	0.419738	-2.38244	0.0484399	0.516102	-1.9376	0.576815	0.847566	-1.17985	0.438831	1.26067	1.26067	5.41513	7.38082	1.21155	1
cg27460040	0.781066	1.11938	1.11938	0.0016874	0.162593	-6.15031	0.0840572	0.461298	-2.16779	0.00443755	0.215102	-4.64896	4.98216	12.9273	2.30641	1
cg09990086	0.0546514	1.71469	1.71469	0.282863	1.31789	1.31789	0.586278	0.872893	-1.14562	0.828758	0.947826	-1.05505	3.47252	3.36551	0.861496	1
cg05015913	0.416744	1.10305	1.10305	0.146905	0.831959	-1.20198	0.593047	1.06583	1.06583	0.106502	1.23157	1.23157	3.45966	0.765232	0.196611	1
cg04017769	0.00333493	0.387537	-2.5804	0.0193313	0.517983	-1.93057	0.404427	1.21303	1.21303	0.0896713	1.53498	1.53498	9.92261	7.82847	0.61363	1
cg24181174	0.171385	0.729805	-1.37023	1.40E-05	0.140985	-7.09297	0.0579335	0.628981	-1.58987	0.00038127	0.293128	-3.41148	17.251	12.7824	0.658636	1
cg25388349	0.0690173	0.751635	-1.33043	0.0114998	0.641731	-1.55828	0.218351	1.19923	1.19923	0.000917403	0.499025	-2.00391	13.1986	4.11583	0.277189	1
cg18680328	0.0149376	0.481921	-2.07503	3.34E-05	0.140444	-7.12029	0.531269	0.85669	-1.16728	0.0153002	0.483727	-2.06728	12.5165	11.7927	0.837489	1
cg26117137	0.919451	1.0115	1.0115	0.00660188	1.49002	1.49002	0.0476782	0.774086	-1.29185	0.0118542	0.701003	-1.42653	9.94713	2.01437	0.180007	1
cg16652855	0.15089	0.629692	-1.58808	0.000498834	0.194669	-5.13692	0.306904	0.727741	-1.37411	0.0135283	0.399188	-2.50509	8.94841	12.794	1.27089	1
cg26111575	0.0609737	0.442376	-2.26052	0.00101742	0.1523	-6.566	0.104566	0.503997	-1.98414	0.25379	0.631118	-1.58449	5.99508	14.1623	2.09983	1
cg15351652	0.0290972	0.307049	-3.25681	0.000918036	0.1029	-9.71814	0.00442895	0.174897	-5.71764	0.0260554	0.297463	-3.36176	5.94327	19.8397	2.96727	1
cg09451613	0.301523	0.706395	-1.41564	0.00429294	0.28934	-3.45614	0.0121903	0.362678	-2.75726	0.480116	1.26248	1.26248	5.88272	9.82341	1.48433	1
cg09624870	0.0354661	0.445594	-2.24419	0.00592065	0.304679	-3.28214	0.0421026	0.461562	-2.16655	0.544847	0.816832	-1.22424	4.50239	7.77223	1.53444	1
cg11404751	0.181853	0.455307	-2.19632	0.0028126	0.101764	-9.82662	0.0132283	0.181787	-5.50093	0.0728293	0.329218	-3.0375	4.10448	20.0375	4.33943	1
cg26698473	0.619287	0.841969	-1.18769	0.00729779	0.304783	-3.28102	0.0120442	0.341179	-2.93102	0.597927	1.20054	1.20054	3.63743	6.79411	1.6603	1
cg07944162	0.142212	1.54268	1.54268	0.00346746	2.97502	2.97502	0.0334436	1.97944	1.97944	0.0604221	1.78929	1.78929	10.1941	12.1896	1.06289	1
cg12689227	0.00478072	0.582245	-1.71749	0.0103044	1.59492	1.59492	0.126141	0.787433	-1.26995	0.0750704	0.751068	-1.33144	8.26424	2.72962	0.293594	1
cg23304023	0.270361	0.46664	-2.14298	0.00126918	0.0440254	-22.7141	0.0231715	6.06675	6.06675	0.624526	1.38764	1.38764	5.52299	38.5806	6.2093	1
cg24144047	0.0235491	1.39277	1.39277	0.00192107	1.71261	1.71261	0.512797	0.921905	-1.08471	0.334303	1.12974	1.12974	4.41211	1.04864	0.211265	1
cg25307318	0.428345	0.906413	-1.10325	0.00742292	0.657664	-1.52053	0.923062	0.98833	-1.01181	0.201911	1.17791	1.17791	4.10291	0.959584	0.207893	1
cg05310185	0.133333	0.355242	-2.81498	0.0122147	0.135936	-7.3564	0.0446844	0.229204	-4.36292	0.418742	0.589729	-1.69569	3.56384	23.0576	5.751	1
cg25000764	0.367822	0.872028	-1.14675	0.0163221	1.54443	1.54443	0.0873534	1.32233	1.32233	0.212482	1.21457	1.21457	31.8779	11.0631	0.308486	1
cg15467503	0.00113858	0.255705	-3.91075	0.000216895	0.17235	-5.80215	0.00970232	0.393618	-2.54053	0.00825221	0.381863	-2.61874	19.0312	24.4758	1.14319	1
cg19845878	0.991243	1.00213	1.00213	0.619682	0.907377	-1.10208	0.445581	0.859794	-1.16307	0.0706061	0.675346	-1.48072	15.788	9.43742	0.53134	1
cg18523346	0.456726	0.792863	-1.26125	0.000395318	0.17766	-5.62872	0.318195	1.37154	1.37154	0.0974072	0.572927	-1.74542	6.61286	9.82123	1.32015	1
cg17022633	0.872745	0.950967	-1.05156	0.913525	0.966503	-1.03466	0.556334	0.829756	-1.20517	0.0592346	0.51273	-1.95034	5.9372	9.25042	1.38493	1
cg13192688	0.00643163	0.630879	-1.58509	0.00376889	1.66217	1.66217	0.0742747	0.772213	-1.29498	0.954477	0.992608	-1.00745	5.87901	1.57282	0.237806	1
cg25112220	0.00172711	0.346197	-2.88853	0.510824	0.853633	-1.17146	0.475904	1.18769	1.18769	0.609534	1.13001	1.13001	5.33642	4.7582	0.792576	1
cg20455774	0.135242	0.801652	-1.24742	0.00578074	1.64297	1.64297	0.292326	0.860699	-1.16185	0.78933	1.03745	1.03745	5.25974	1.57048	0.265408	1
ch.4.71452R	0.711883	1.10388	1.10388	0.00452515	0.365018	-2.73959	0.0855945	0.602771	-1.659	0.0120021	0.433958	-2.30437	5.13722	5.77446	0.99915	1
cg15847195	0.516545	1.04164	1.04164	0.0342981	1.16553	1.16553	0.00912729	0.814287	-1.22807	0.0610875	0.877284	-1.13988	4.71709	0.287463	0.0541695	1
cg19547976	0.766822	1.07872	1.07872	0.0570972	1.73069	1.73069	0.696054	0.904803	-1.10521	0.168242	0.687864	-1.45378	4.0095	4.1232	0.914094	1
cg15644305	0.626291	1.15007	1.15007	0.161113	0.652825	-1.5318	0.228944	0.697865	-1.43294	0.12667	0.624545	-1.60116	3.79759	4.88257	1.14285	1
cg04910718	0.132908	0.699755	-1.42907	0.0987116	1.48987	1.48987	0.941147	0.983872	-1.01639	0.851833	1.04203	1.04203	8.12491	6.23978	0.682649	1
ch.17.1630550F	0.97302	0.984837	-1.0154	0.177775	0.520439	-1.92145	0.208336	0.546544	-1.82968	0.801431	0.892364	-1.12062	8.31977	26.3266	2.46115	1
cg14750190	0.941393	1.0083	1.0083	0.00771566	0.680707	-1.46906	0.0603362	0.788172	-1.26876	0.0873344	1.23628	1.23628	5.37543	1.07501	0.177766	1
cg17129331	0.708408	0.96805	-1.033	0.354427	1.08583	1.08583	0.0917106	0.851727	-1.17408	0.00180645	1.46744	1.46744	5.16377	0.610943	0.105167	1
cg23226387	0.87126	0.969921	-1.03101	0.000886586	2.55458	2.55458	0.583578	1.10987	1.10987	0.975757	0.994294	-1.00574	4.44426	2.49594	0.499208	1
cg15387893	0.0262072	0.732046	-1.36604	0.0569633	0.775101	-1.29015	0.179526	0.844839	-1.18366	0.273985	1.14411	1.14411	3.93745	0.872268	0.196917	1
cg16317052	0.124015	0.490226	-2.03988	0.00509176	0.205054	-4.87676	0.0993246	0.461533	-2.16669	0.134029	0.500779	-1.99689	3.46043	8.92325	2.57866	1
cg00053292	0.607163	1.18707	1.18707	0.00140155	0.216518	-4.61856	0.139682	0.591222	-1.69141	0.196183	0.636386	-1.57137	3.64003	6.30405	1.53944	1
cg06848802	0.771975	0.872397	-1.14627	0.808303	0.892099	-1.12095	0.39986	1.50104	1.50104	0.008642	0.194922	-5.13025	5.6882	19.4487	2.65932	1
cg12220426	0.0916231	0.671319	-1.4896	3.17E-05	0.175769	-5.68929	0.0246202	1.77577	1.77577	0.00658927	0.469108	-2.13171	15.6635	11.4191	0.648022	1
cg25797006	0.766112	0.94826	-1.05456	0.0394786	1.52833	1.52833	0.258085	0.81045	-1.23388	0.0423035	0.65933	-1.51669	11.3402	5.69642	0.446507	1
cg18432099	0.00105979	0.444966	-2.24736	0.0287893	0.660415	-1.5142	0.000329557	0.373316	-2.67869	0.882114	0.977008	-1.02353	12.5526	4.78135	0.296259	1
cg15127613	0.000321608	0.401633	-2.48984	0.00647786	1.70545	1.70545	0.22467	1.2041	1.2041	0.794481	0.962959	-1.03847	9.51134	3.08053	0.251906	1
cg22277431	0.554722	1.17863	1.17863	0.0391043	0.518516	-1.92858	0.0170103	2.22653	2.22653	0.474069	1.22173	1.22173	6.84042	8.19698	1.06517	1
cg20689228	0.00215401	0.614118	-1.62835	0.474832	1.08573	1.08573	0.00165703	0.600832	-1.66436	0.432897	0.913406	-1.0948	6.38645	1.29554	0.180317	1
cg14054283	0.74249	0.908346	-1.1009	0.0256088	2.16662	2.16662	0.0257985	0.462172	-2.1637	0.0771971	0.563908	-1.77334	6.26291	8.43215	1.19677	1
cg04077047	0.616612	1.18519	1.18519	0.0739137	1.95517	1.95517	0.0246763	2.46062	2.46062	0.164054	0.606646	-1.64841	6.12503	10.9906	1.595	1
cg16330786	0.845943	1.05739	1.05739	0.169641	0.657274	-1.52144	0.205225	1.46727	1.46727	0.000574912	0.216818	-4.61217	6.10606	7.95767	1.15844	1
cg04582974	0.578309	0.943284	-1.06013	0.00162499	0.625264	-1.59932	0.312581	0.897074	-1.11474	0.771222	1.03078	1.03078	5.64753	0.967113	0.152218	1
cg14650577	0.738018	0.891585	-1.1216	0.000193263	0.117049	-8.54342	0.863392	1.06064	1.06064	0.499218	0.790976	-1.26426	5.61708	10.3961	1.64516	1
cg08073003	0.578279	0.929248	-1.07614	0.00114457	1.86792	1.86792	0.463733	1.10236	1.10236	0.102129	1.26336	1.26336	5.17188	1.39866	0.240387	1
cg10576257	0.712033	1.03538	1.03538	0.00117327	0.639764	-1.56308	0.527826	1.06183	1.06183	0.98813	0.998606	-1.0014	4.53593	0.631869	0.123825	1
cg03464378	0.0349293	1.30852	1.30852	0.453535	0.919864	-1.08712	0.00309488	0.642214	-1.55711	0.0163271	1.37879	1.37879	4.48708	0.850506	0.168485	1
cg18668821	0.265276	1.63454	1.63454	0.16216	1.88077	1.88077	0.369051	1.47766	1.47766	0.983809	1.00863	1.00863	4.45916	12.6509	2.52183	1
cg03267419	0.973583	0.978306	-1.02217	0.248611	2.22289	2.22289	0.136209	2.89633	2.89633	0.220303	0.425882	-2.34807	3.68354	25.5941	6.17622	1
cg15584401	0.0176087	1.64605	1.64605	0.985982	0.996973	-1.00304	0.00419566	1.93831	1.93831	0.491807	1.12805	1.12805	15.3978	7.26229	0.419239	1
cg11348389	0.599453	1.12237	1.12237	0.0411638	1.67062	1.67062	0.00039387	3.42072	3.42072	0.872994	0.96575	-1.03546	11.1396	8.37224	0.668066	1
cg26033710	0.56874	1.1391	1.1391	0.180578	1.37916	1.37916	0.216732	1.34164	1.34164	0.565392	0.876872	-1.14042	10.4998	8.50171	0.719734	1
cg20213613	0.219472	1.25441	1.25441	0.0390167	1.521	1.521	0.123049	1.3408	1.3408	0.536675	0.895995	-1.11608	5.8094	2.83494	0.433771	1
cg02303677	0.0861458	0.560993	-1.78255	2.21E-05	0.0746141	-13.4023	0.0247363	0.442623	-2.25926	0.144277	0.619933	-1.61308	20.7975	30.6118	1.30836	1
cg18675128	0.0903954	0.578008	-1.73008	0.000695298	0.218686	-4.57277	0.0394838	0.496736	-2.01314	0.450059	0.797632	-1.25371	9.79894	13.3941	1.21501	1
cg26866174	0.0889981	0.535564	-1.86719	0.00264625	0.250399	-3.99362	0.0441613	0.463135	-2.1592	0.296711	0.69755	-1.43359	6.63112	11.6393	1.56023	1
cg06597858	0.0366526	0.282359	-3.54159	0.00096358	0.0773051	-12.9358	0.365979	0.616465	-1.62215	0.103119	0.395099	-2.53101	5.56971	23.929	3.81891	1
cg17825173	0.868553	0.964483	-1.03682	0.637863	1.10906	1.10906	0.192904	0.740188	-1.35101	0.00302148	0.411688	-2.42902	3.9071	2.94966	0.671067	1
cg23339629	0.0525718	0.600667	-1.66482	0.103528	0.662474	-1.50949	0.00816931	0.457093	-2.18774	0.105139	0.663971	-1.50609	3.67057	3.1095	0.753017	1
cg14664621	0.0363818	0.535121	-1.86874	0.00456485	2.64009	2.64009	9.13E-06	11.7884	11.7884	0.0471212	1.79311	1.79311	15.3181	16.0281	0.93009	1
cg00875511	0.005281	0.597459	-1.67375	0.872452	1.02276	1.02276	0.00702648	1.62927	1.62927	0.000115987	2.57619	2.57619	11.6023	3.60491	0.276184	1
cg04535008	0.193956	0.759444	-1.31675	0.409865	0.844721	-1.18382	4.53E-05	4.686	4.686	0.0277944	1.68316	1.68316	9.09533	5.77459	0.564352	1
cg12866229	0.0415856	0.474756	-2.10634	0.738108	0.899066	-1.11226	0.00338429	3.53773	3.53773	0.790422	1.08812	1.08812	7.38303	11.7555	1.41531	1
cg02133070	0.837414	1.13227	1.13227	0.0377861	0.23305	-4.29093	0.0142441	0.160751	-6.22079	0.00784017	0.127071	-7.86963	7.11234	41.1757	5.14607	1
cg18538958	0.862613	0.8531	-1.1722	0.00199743	54.7266	54.7266	0.00137303	70.7098	70.7098	0.095822	5.35449	5.35449	5.97098	79.5692	11.8453	1
cg19163049	0.560101	0.928367	-1.07716	0.290907	0.870875	-1.14827	0.0566139	1.31287	1.31287	0.00273066	1.68517	1.68517	4.33069	1.09146	0.224025	1
cg20128928	0.686878	0.770256	-1.29827	0.0157497	6.72689	6.72689	0.00363396	12.6136	12.6136	0.0345814	4.8907	4.8907	3.97882	26.148	5.8416	1
cg04263186	0.388372	0.529809	-1.88747	0.0135833	8.97411	8.97411	0.00434825	15.4564	15.4564	0.12042	3.35482	3.35482	3.90189	31.9075	7.26885	1
cg16461251	0.787801	0.873311	-1.14507	0.0134084	4.65306	4.65306	0.000147315	26.5128	26.5128	0.660235	1.24871	1.24871	6.91218	27.5996	3.54924	1
cg16699148	0.00320281	4.24281	4.24281	6.00E-05	14.3528	14.3528	0.00178433	4.93847	4.93847	0.0351645	2.41415	2.41415	11.8989	24.3122	1.8162	1
cg01821018	0.0243613	2.39875	2.39875	7.06E-05	10.6371	10.6371	0.00896599	2.95596	2.95596	0.194023	1.56532	1.56532	9.13798	15.3896	1.49701	1
cg00667789	0.0133776	7.70554	7.70554	0.000452382	39.8338	39.8338	0.00183927	19.0799	19.0799	0.039397	4.89569	4.89569	8.3146	58.4994	6.25399	1
cg17210938	0.0134425	7.34556	7.34556	0.00018673	60.8998	60.8998	0.00293815	14.3171	14.3171	0.0202177	6.2009	6.2009	7.99315	53.7424	5.97649	1
cg00554413	0.0261402	5.91471	5.91471	0.00147973	21.9546	21.9546	0.00509709	12.0992	12.0992	0.0267453	5.85789	5.85789	5.61635	40.3541	6.38676	1
cg13786801	0.0338912	12.1736	12.1736	0.00158639	97.0417	97.0417	0.0115318	24.2448	24.2448	0.0592501	8.57629	8.57629	4.82382	77.7948	14.3353	1
cg16080552	0.0315853	7.8038	7.8038	0.00718394	16.9226	16.9226	0.0220087	9.38475	9.38475	0.0638958	5.46091	5.46091	4.62581	48.6758	9.35347	1
cg24851854	0.0393994	20.8308	20.8308	0.00418105	132.911	132.911	0.014055	47.6166	47.6166	0.0476719	17.9142	17.9142	3.96423	101.933	22.8561	1
cg04863005	0.0331021	8.12756	8.12756	0.00955846	15.7979	15.7979	0.0465237	6.80255	6.80255	0.0863324	4.92094	4.92094	3.72659	41.7434	9.9569	1
cg05065507	0.0318135	18.6989	18.6989	0.00650921	61.2902	61.2902	0.0234662	23.3393	23.3393	0.0531523	12.8986	12.8986	3.84707	82.5325	19.0696	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13443627	TACSTD2;TACSTD2	0.0496591	0.0426002	23.229	23.229	0.0558323	18.5244	18.5244	0.130856	9.00646	9.00646	0.0868625	12.7784	12.7784	0.0252648	36.0282	36.0282	0.0353086	27.1847	27.1847	0.0115926	70.2662	70.2662	0.0291462	31.9376	31.9376	0.073618	14.6904	14.6904	3.39695	97.6655	25.5564	1
ch.1.3259774R	TADA1	0.0241463	0.036212	0.523793	-1.90915	0.00663803	0.392423	-2.54827	0.0531924	0.55809	-1.79182	0.00795653	0.405193	-2.46796	0.100923	0.620639	-1.61124	0.293429	0.748735	-1.33559	0.0517235	0.55552	-1.80012	0.256634	1.3694	1.3694	0.547648	1.17534	1.17534	4.4101	4.92395	0.992459	1
cg20161772	TADA1	0.0299657	0.486163	1.10921	1.10921	0.0172563	1.52945	1.52945	0.0466276	1.39618	1.39618	0.288294	1.17524	1.17524	0.0446345	0.713402	-1.40173	0.846449	0.972001	-1.02881	0.433772	1.12411	1.12411	0.0114188	0.628937	-1.58998	0.936141	0.988331	-1.01181	4.08849	1.3893	0.302052	1
cg26565099	TADA1	0.0414673	0.0434859	0.321883	-3.10672	0.0610934	0.356838	-2.80239	0.308829	0.597952	-1.67237	0.217936	1.88284	1.88284	0.00681179	0.180566	-5.53815	0.043075	0.320957	-3.11568	0.0516597	0.339137	-2.94866	0.0718813	0.374921	-2.66723	0.791803	0.878827	-1.13788	3.63447	13.7216	3.35592	1
cg27301328	TADA1;TADA1	0.0149703	0.161744	1.69287	1.69287	?	?	?	0.0172321	0.299836	-3.33516	0.00552781	0.187796	-5.32493	0.266743	0.672929	-1.48604	0.130705	0.558382	-1.79089	0.0235024	2.98865	2.98865	?	?	?	?	?	?	12.2206	12.0014	0.654707	1
cg19160958	TADA2A;TADA2A;TADA2A	0.0223328	0.0214972	0.321854	-3.107	0.0226602	0.326267	-3.06497	0.0153941	0.295048	-3.38927	0.465802	0.737371	-1.35617	0.0118563	0.275404	-3.63103	0.0381029	0.372793	-2.68245	0.00519034	0.219958	-4.54632	0.928374	0.963767	-1.0376	0.0632926	0.424297	-2.35684	4.53053	12.09	2.37205	1
cg07727721	TADA2B	0.000170114	0.797499	0.971567	-1.02927	0.473465	1.08523	1.08523	1.04E-05	0.347308	-2.87929	0.00624324	1.49159	1.49159	0.005304	0.662185	-1.51015	0.00342969	1.56204	1.56204	0.0672946	1.25863	1.25863	0.899719	1.01424	1.01424	0.00626272	0.670581	-1.49124	19.1939	3.82578	0.177176	1
cg02419901	TADA2B	0.00200994	0.028324	0.614508	-1.62732	0.00142162	0.419653	-2.38292	0.148367	0.747054	-1.33859	0.00620395	1.95662	1.95662	0.00095716	0.396322	-2.5232	0.606315	0.906848	-1.10272	0.0270707	0.611244	-1.63601	0.408688	1.17228	1.17228	0.00714702	0.520273	-1.92207	9.62798	5.39515	0.498099	1
cg17480221	TADA2B	0.00437463	0.0246961	0.666472	-1.50044	0.763361	1.04687	1.04687	0.447707	0.889234	-1.12456	0.0232516	0.662656	-1.50908	0.000942695	0.473177	-2.11338	0.000695841	0.456161	-2.19221	0.00953998	0.60771	-1.64552	0.376	1.14778	1.14778	0.396863	0.876675	-1.14067	7.64291	2.786	0.324019	1
cg23757056	TADA2B	0.0122906	0.557813	1.18624	1.18624	0.0759831	0.566094	-1.76649	0.0138578	2.40184	2.40184	0.930548	1.02544	1.02544	0.0115533	0.402512	-2.4844	0.775154	0.920793	-1.08602	0.0712137	0.559533	-1.7872	0.0454421	1.93696	1.93696	0.0104462	0.394993	-2.53169	5.53036	7.27218	1.16885	1
cg02726278	TADA2B	0.0135777	0.00882212	0.476391	-2.09912	0.0333883	1.73824	1.73824	0.817707	0.94995	-1.05269	0.80345	1.05702	1.05702	0.00541989	0.443132	-2.25667	0.255638	0.76804	-1.30202	0.109072	1.47493	1.47493	0.0439864	1.67322	1.67322	0.667246	1.10097	1.10097	5.35343	4.19333	0.696263	1
cg01220768	TADA2B	0.0145728	0.398152	0.815577	-1.22613	0.0048447	0.414602	-2.41195	0.211628	0.733381	-1.36355	0.389484	1.23098	1.23098	0.00183169	0.352313	-2.83839	0.982704	0.994905	-1.00512	0.101115	0.655029	-1.52665	0.100466	1.52811	1.52811	0.0801113	0.632834	-1.58019	5.23037	4.60009	0.781775	1
cg15993943	TADA2B	0.0270622	0.271939	0.717225	-1.39426	0.062894	0.544354	-1.83704	0.119741	1.63332	1.63332	0.690931	0.890343	-1.12316	0.00815075	0.373727	-2.67575	0.00244228	0.293575	-3.40628	0.808148	0.931739	-1.07326	0.508869	0.823027	-1.21503	0.283134	0.723171	-1.3828	4.23824	5.66986	1.18914	1
cg11888747	TADA3	2.32E-06	0.0376547	1.36389	1.36389	0.564108	1.07793	1.07793	3.45E-05	0.356632	-2.80401	2.74E-07	0.141536	-7.06536	2.15E-05	0.332854	-3.00432	0.00034946	0.47719	-2.0956	1.34E-06	0.203481	-4.91445	0.219538	1.18077	1.18077	0.000258244	0.461184	-2.16833	59.1584	15.5208	0.233209	1
cg18624274	TADA3;ARPC4;TADA3;ARPC4;ARPC4;TADA3;TADA3	0.0102748	0.0005997	0.338073	-2.95794	0.298026	1.24728	1.24728	0.0368262	0.608518	-1.64334	0.365117	0.826454	-1.20999	0.37374	0.829422	-1.20566	0.759038	1.06505	1.06505	0.251524	1.27811	1.27811	0.364408	1.21035	1.21035	0.034032	1.65995	1.65995	5.85955	3.89366	0.590665	1
cg08148814	TADA3;TADA3	0.000344498	0.000276105	0.295182	-3.38774	0.000297181	0.299127	-3.34307	0.0182353	0.555828	-1.79912	0.00102831	0.369028	-2.70982	0.000132497	0.257085	-3.88977	0.00135689	0.385486	-2.59413	0.000263587	0.292706	-3.4164	0.351537	0.821617	-1.21711	0.0265063	0.583325	-1.71431	15.838	10.5344	0.591228	1
cg25879836	TAF10	4.60E-05	0.000244632	0.420053	-2.38065	5.02E-05	0.336825	-2.9689	0.0430678	1.39526	1.39526	0.000162479	2.51157	2.51157	0.00444917	0.581014	-1.72113	0.293299	1.16882	1.16882	0.000102363	0.373742	-2.67564	0.0134112	1.54984	1.54984	0.106049	0.776787	-1.28735	27.2217	8.82755	0.288252	1
cg24378250	TAF10	0.00713632	0.0176712	0.400491	-2.49693	0.229226	1.49195	1.49195	0.00389812	0.291633	-3.42897	0.312937	0.71823	-1.39231	0.524366	1.22701	1.22701	0.364913	0.744375	-1.34341	0.313045	1.3922	1.3922	0.0214251	2.40228	2.40228	0.00291507	0.273342	-3.65842	6.57543	10.4712	1.41553	1
cg23666229	TAF10	0.0139356	0.125568	0.869189	-1.1505	0.099537	1.16494	1.16494	0.829713	0.98195	-1.01838	0.870654	0.986313	-1.01388	0.169509	0.883589	-1.13175	0.08365	0.850514	-1.17576	0.000426552	0.623925	-1.60276	0.878072	0.987101	-1.01307	0.298941	1.09532	1.09532	5.30792	0.601241	0.100687	1
cg11141497	TAF10	0.0163324	0.381517	1.6074	1.6074	0.108111	2.5269	2.5269	0.339647	1.68272	1.68272	0.61446	1.30811	1.30811	0.995327	0.996908	-1.0031	0.396035	1.58346	1.58346	0.0677633	0.338927	-2.95049	0.000562901	0.0591779	-16.8982	0.978802	1.01415	1.01415	5.0364	22.3044	3.93657	1
cg23845773	TAF10	0.0170855	0.0755737	0.372342	-2.6857	0.13796	2.19853	2.19853	?	?	?	?	?	?	0.00584242	0.14621	-6.83948	0.123104	0.437919	-2.28353	0.10834	0.419717	-2.38256	0.00752886	0.162135	-6.1677	?	?	?	6.82324	15.8089	2.31693	1
cg19622488	TAF10	0.0172713	0.13413	0.405729	-2.4647	0.31137	0.559303	-1.78794	0.682004	1.25553	1.25553	0.196756	2.13769	2.13769	0.0288074	0.232085	-4.30876	0.00141675	0.0665211	-15.0328	?	?	?	0.0187155	0.197572	-5.06144	0.841558	0.895399	-1.11682	5.62348	23.607	3.6732	1
cg03490385	TAF10;ILK;ILK;ILK	0.0142552	0.0579645	0.657957	-1.51986	0.858296	0.965696	-1.03552	0.443167	0.858377	-1.16499	0.0810425	0.685353	-1.4591	0.00899031	0.522661	-1.91329	0.00453657	0.477809	-2.09289	0.0610534	1.51031	1.51031	0.158227	1.34264	1.34264	0.0398714	0.62876	-1.59043	5.26849	3.18319	0.537061	1
cg06376238	TAF11	0.000504383	0.000448181	0.137039	-7.29717	0.000434085	0.13572	-7.36809	0.00052101	0.143371	-6.97492	0.0294011	0.398134	-2.51172	0.000684563	0.155346	-6.43723	0.00112186	0.178685	-5.59645	0.000424265	0.134781	-7.41944	0.0653583	0.475864	-2.10144	0.00178431	0.202655	-4.93451	14.256	29.0988	1.81437	1
cg17413703	TAF11	0.00182286	0.000635955	0.490087	-2.04045	0.0611717	1.33213	1.33213	0.0159339	1.49364	1.49364	0.0153108	0.667193	-1.49882	0.510355	1.09501	1.09501	0.00284112	0.572074	-1.74802	0.510669	1.09493	1.09493	0.56756	0.924465	-1.08171	0.0171516	1.48415	1.48415	9.90544	2.89864	0.260117	1
cg02691355	TAF11;ANKS1A	0.00105279	0.0230186	0.864279	-1.15703	0.580292	0.97048	-1.03042	0.359957	1.05179	1.05179	0.00103825	0.770607	-1.29768	0.35115	0.949821	-1.05283	0.0264446	1.15164	1.15164	0.000107621	0.693243	-1.4425	0.0490993	0.886463	-1.12808	0.0496875	1.12763	1.12763	11.596	0.52861	0.0405206	1
cg00665908	TAF11;ANKS1A	0.00110416	0.0190128	0.314	-3.18472	0.33631	1.49848	1.49848	0.191209	1.75867	1.75867	0.0305634	0.35462	-2.81992	?	?	?	0.733941	1.14933	1.14933	?	?	?	0.000214465	0.0803536	-12.445	0.000595104	0.115032	-8.69324	12.0511	24.707	2.34307	1
cg08106661	TAF11;ANKS1A	0.00274384	0.224355	1.21069	1.21069	0.966972	1.00622	1.00622	0.29875	0.851004	-1.17508	0.363459	1.15017	1.15017	0.309003	1.17083	1.17083	0.388247	0.875934	-1.14164	4.26E-05	0.311709	-3.20812	0.344774	1.15693	1.15693	0.347711	1.15585	1.15585	8.78747	3.12297	0.315902	1
cg05727691	TAF11;ANKS1A	0.0113547	0.194369	0.830183	-1.20455	0.866264	1.02311	1.02311	0.0704074	1.31538	1.31538	0.0392209	0.72367	-1.38185	0.477919	0.906825	-1.10275	0.157929	1.2271	1.2271	0.00740622	0.626461	-1.59627	0.147966	1.23417	1.23417	0.00441495	1.67382	1.67382	5.67413	1.65133	0.258691	1
cg12508534	TAF11;TAF11;ANKS1A	0.0369625	0.0130806	0.654324	-1.5283	0.299908	0.862402	-1.15955	0.894359	0.981859	-1.01848	0.224212	0.83867	-1.19236	0.2968	1.16074	1.16074	0.814538	1.03291	1.03291	0.00805986	0.626457	-1.59628	0.773154	0.960956	-1.04063	0.0421707	1.38066	1.38066	3.79126	1.14016	0.267319	1
cg11651904	TAF12;TAF12	2.50E-05	0.00179939	0.737421	-1.35608	0.570209	1.04015	1.04015	0.0068853	0.786625	-1.27125	0.000117685	1.58806	1.58806	9.82E-05	1.60743	1.60743	5.11E-05	1.6828	1.6828	0.000166035	0.643967	-1.55287	0.477042	1.05085	1.05085	0.000580477	1.44057	1.44057	31.9385	2.38043	0.0662504	1
cg03287108	TAF12;TAF12	0.000567856	0.00160387	0.332093	-3.01121	0.0371905	0.554779	-1.80252	0.00122467	0.315997	-3.16459	0.0159023	2.05289	2.05289	0.00164645	0.333679	-2.9969	0.0325474	0.543673	-1.83934	0.00103759	0.30631	-3.26466	0.0701652	0.610737	-1.63737	0.000187505	0.215405	-4.64242	13.7939	12.9611	0.835219	1
cg03747028	TAF12;TAF12	0.000949136	0.334077	0.76782	-1.30239	0.628274	1.13812	1.13812	0.00742362	2.49551	2.49551	0.259926	0.732244	-1.36566	2.50E-05	0.108522	-9.2147	?	?	?	0.686039	1.11379	1.11379	0.799885	1.06968	1.06968	0.564054	0.856717	-1.16725	12.2257	12.1041	0.990058	1
cg09798313	TAF12;TAF12	0.040015	0.0161957	0.273457	-3.65688	0.031148	0.327905	-3.04966	0.0577438	0.38834	-2.57506	0.207466	0.556556	-1.79676	0.0320502	0.330489	-3.02582	0.0136473	0.260565	-3.83781	0.132537	0.488932	-2.04527	0.251696	0.589845	-1.69536	0.0104723	0.241616	-4.1388	3.68263	11.3346	2.73588	1
cg04021454	TAF12;TAF12	0.0495857	0.0991507	0.328855	-3.04085	0.259979	0.48535	-2.06037	0.134908	0.370998	-2.69543	0.978625	1.01662	1.01662	0.0140282	0.154738	-6.46253	0.145972	0.382788	-2.61241	0.0055698	0.106444	-9.39459	0.0201942	0.178464	-5.60337	0.193788	0.429184	-2.33	3.39886	20.3742	5.32837	1
cg18222891	TAF12;TAF12;TAF12	0.0349606	0.238456	1.37327	1.37327	0.539687	1.17293	1.17293	0.0293368	1.93361	1.93361	0.0247632	0.503262	-1.98704	0.833993	1.05539	1.05539	0.608563	1.1419	1.1419	0.0209235	0.489742	-2.04189	0.0634418	0.584982	-1.70945	0.160541	0.680384	-1.46976	3.86871	4.04367	0.929089	1
cg20569839	TAF13	0.000166089	0.000190267	0.2532	-3.94945	7.06E-05	0.205266	-4.87173	0.00886977	0.48316	-2.06971	0.00787338	0.474933	-2.10556	2.74E-05	0.164309	-6.08608	0.000330931	0.282052	-3.54544	0.00104256	0.346448	-2.88644	0.0101459	0.492541	-2.03029	0.00343072	0.419719	-2.38255	19.3185	14.5927	0.671444	1
cg03142837	TAF13	0.00120338	0.696321	1.08194	1.08194	0.757956	0.939819	-1.06403	0.730834	1.0718	1.0718	0.00958331	1.93211	1.93211	0.000140125	0.267066	-3.74439	0.420194	0.847582	-1.17983	0.000469638	0.331619	-3.01551	0.0740621	0.670505	-1.49141	0.0347108	0.609977	-1.63941	11.1628	7.12825	0.567619	1
cg19221369	TAF13	0.00460966	0.0438784	0.624405	-1.60152	0.000656927	2.89061	2.89061	0.140747	1.38012	1.38012	0.0972993	1.44772	1.44772	0.192212	0.755273	-1.32402	0.667095	0.91577	-1.09198	0.00519222	0.472327	-2.11718	0.871767	0.967687	-1.03339	0.104546	0.697141	-1.43443	7.52253	4.92586	0.582058	1
cg18965086	TAF13	0.00532345	0.00846756	0.263026	-3.80191	0.00143541	0.160215	-6.24161	0.111367	0.502064	-1.99178	0.0531995	0.417812	-2.39342	0.120567	0.512241	-1.95221	0.826283	1.09126	1.09126	0.000501599	0.115075	-8.68997	0.0829206	0.466327	-2.14442	0.0118355	0.286902	-3.48551	7.19924	17.9992	2.22235	1
cg14513316	TAF13	0.0284652	0.260342	0.775331	-1.28977	0.0290659	0.572593	-1.74644	0.000926746	0.34234	-2.92107	0.267511	0.778523	-1.28448	0.434288	1.18877	1.18877	0.212284	0.752198	-1.32944	0.566755	1.13372	1.13372	0.61554	1.11599	1.11599	0.595767	0.890435	-1.12305	4.16352	3.09773	0.661347	1
cg14777574	TAF15;TAF15	0.000478283	0.00250434	0.62556	-1.59857	0.123866	1.20464	1.20464	0.0250275	0.742402	-1.34698	0.000562988	0.550299	-1.81719	0.00122717	0.589652	-1.69592	0.0320249	0.755298	-1.32398	0.000616018	0.554854	-1.80228	0.000224075	0.503576	-1.9858	0.000903446	0.574204	-1.74154	14.4675	2.85987	0.175711	1
cg01063615	TAF15;TAF15	0.00483128	0.00831154	0.219123	-4.56364	0.0730927	0.406768	-2.4584	0.113311	0.460496	-2.17157	0.69923	0.839704	-1.1909	0.00347509	0.167824	-5.95863	0.00702657	0.208405	-4.79835	0.000469322	0.0842571	-11.8684	0.579737	0.777469	-1.28623	0.00561943	0.194786	-5.13384	7.41582	23.7838	2.85082	1
cg00021527	TAF15;TAF15	0.0156479	0.00818415	0.724327	-1.38059	0.00470659	0.699082	-1.43045	0.123505	0.852987	-1.17235	0.101745	1.18618	1.18618	0.316994	1.10362	1.10362	0.225574	0.885769	-1.12896	0.161009	0.86702	-1.15338	0.0791703	1.20414	1.20414	0.444155	1.07719	1.07719	5.10863	0.734995	0.127887	1
cg04578738	TAF15;TAF15	0.0367938	0.0416197	0.688937	-1.45151	0.664158	1.07175	1.07175	0.00134712	2.09326	2.09326	0.504767	0.8982	-1.11334	0.230924	1.2206	1.2206	0.669197	1.07055	1.07055	0.765958	1.04849	1.04849	0.972026	1.00558	1.00558	0.511504	1.1114	1.1114	3.79759	1.51336	0.354226	1
cg09495758	TAF15;TAF15	0.0444356	0.633348	0.948113	-1.05473	0.722135	0.961186	-1.04038	0.0167026	1.38253	1.38253	0.60274	1.05995	1.05995	0.413916	0.911557	-1.09702	0.692471	0.956884	-1.04506	0.00737351	0.681932	-1.46642	0.0541194	0.784781	-1.27424	0.180479	0.854129	-1.17078	3.54221	0.689594	0.173048	1
cg11649068	TAF15;TAF15	0.0474631	0.0952747	1.7572	1.7572	0.278877	1.4138	1.4138	0.0101632	2.71014	2.71014	0.557546	1.20013	1.20013	0.780847	0.917795	-1.08957	0.768491	0.913216	-1.09503	0.764554	1.09678	1.09678	0.00400525	3.28522	3.28522	0.0678175	1.87602	1.87602	3.45562	5.17717	1.33172	1
cg00389918	TAF1;BCYRN1;TAF1	0.00421957	0.499296	0.859211	-1.16386	0.0380965	0.58088	-1.72153	0.0043049	0.413285	-2.41964	0.0352421	1.74123	1.74123	0.000344276	0.252126	-3.96627	0.0147131	0.50395	-1.98433	0.411452	0.830252	-1.20445	0.347831	1.23903	1.23903	0.432343	0.837411	-1.19416	9.00952	6.80698	0.587636	1
cg08407553	TAF1;BCYRN1;TAF1	0.0141122	0.0122501	0.332695	-3.00575	0.00798453	0.301437	-3.31744	0.0358977	0.422783	-2.36528	0.661264	1.16825	1.16825	0.00217815	0.219463	-4.55658	0.0539386	0.462235	-2.1634	0.0236354	0.385577	-2.59351	0.0354771	0.42169	-2.37141	0.155736	0.585267	-1.70862	5.286	10.4139	1.75118	1
ch.X.1083956F	TAF1;BCYRN1;TAF1	0.021863	0.169854	1.49278	1.49278	0.118361	1.59135	1.59135	0.0197458	2.16294	2.16294	?	?	?	0.300877	1.34143	1.34143	0.00700718	0.384639	-2.59984	0.611047	1.1509	1.1509	0.0479233	0.538131	-1.85828	0.938792	1.02127	1.02127	4.64532	4.9102	1.05702	1
cg05595429	TAF1A;TAF1A	0.0103339	0.00890744	0.238123	-4.1995	0.507627	0.748393	-1.3362	0.0212863	0.303152	-3.29867	0.0241234	0.31362	-3.18857	0.0017399	0.145836	-6.85703	0.0194514	0.295801	-3.38065	0.0162906	0.281785	-3.54881	0.609771	1.24852	1.24852	0.0179197	0.289246	-3.45726	5.84877	17.222	2.61737	1
cg03257294	TAF1A;TAF1A	0.0126911	0.0131929	0.660831	-1.51325	0.843743	1.02696	1.02696	0.00336817	1.71208	1.71208	0.074509	0.764995	-1.3072	0.0310719	1.40667	1.40667	0.277102	1.16463	1.16463	0.0571997	0.748206	-1.33653	0.904918	0.984018	-1.01624	0.999676	0.999945	-1.00005	5.47292	1.57562	0.255905	1
cg21834248	TAF1A;TAF1A	0.0250835	0.618005	1.16074	1.16074	0.00455597	0.326216	-3.06545	0.039803	0.494282	-2.02314	0.806334	1.07554	1.07554	0.0255679	0.455436	-2.1957	0.0995382	0.585538	-1.70783	0.0256339	0.455654	-2.19465	0.0232208	0.447346	-2.2354	0.62108	1.1592	1.1592	4.35218	6.05888	1.23746	1
cg20492869	TAF1A;TAF1A	0.0286634	0.946664	1.00597	1.00597	0.0280241	0.793685	-1.25995	0.539168	0.946152	-1.05691	0.22006	1.12165	1.12165	0.272593	1.10701	1.10701	0.765027	0.973666	-1.02705	0.0628579	0.829998	-1.20482	0.271456	1.1073	1.1073	0.00333693	1.42712	1.42712	4.15334	0.521408	0.111591	1
cg24508065	TAF1A;TAF1A	0.0306058	0.0857964	0.76485	-1.30745	0.26601	0.849046	-1.17779	0.0418331	1.39264	1.39264	0.00790696	0.618182	-1.61765	0.691315	0.945208	-1.05797	0.372357	1.13804	1.13804	0.0561604	0.736844	-1.35714	0.172793	1.22733	1.22733	0.233249	1.19299	1.19299	4.05789	1.28114	0.280637	1
cg00075467	TAF1B	4.24E-05	4.27E-05	0.228207	-4.38199	0.482935	1.14504	1.14504	0.00147602	0.418346	-2.39037	0.022641	0.595488	-1.6793	9.67E-06	0.163804	-6.10484	0.00288982	0.459278	-2.17733	5.68E-06	0.143336	-6.9766	0.0200284	0.586807	-1.70414	0.00657026	0.511465	-1.95517	27.8078	15.8889	0.507897	1
cg14559212	TAF1B	0.000262327	0.000348589	0.0762263	-13.1188	0.00966103	0.230881	-4.33123	0.0103658	0.235683	-4.243	0.0434302	0.353585	-2.82817	6.29E-05	0.0369394	-27.0714	0.000140527	0.0527613	-18.9533	0.000106145	0.0467521	-21.3894	0.00709691	0.210762	-4.74469	0.00366138	0.172205	-5.80702	17.0645	54.1531	2.82083	1
cg10881225	TAF1B	0.0024356	0.00102208	0.062806	-15.922	0.0125206	0.171079	-5.84526	0.0145807	0.18087	-5.52884	0.0593268	0.298185	-3.35363	0.0027249	0.0951468	-10.5101	0.159572	0.425575	-2.34976	0.000216538	0.0299583	-33.3797	0.488213	0.670138	-1.49223	0.00949108	0.154436	-6.47518	9.10163	46.5731	4.54845	1
cg21560697	TAF1B	0.00428795	0.327596	0.807906	-1.23777	0.213869	1.31819	1.31819	0.00207838	0.400572	-2.49643	0.234372	1.30099	1.30099	0.236336	1.29942	1.29942	0.00692079	0.478185	-2.09124	0.000753693	0.340096	-2.94035	0.986747	0.9965	-1.00351	0.0825338	0.666375	-1.50066	7.68936	5.42597	0.627242	1
cg25588844	TAF1B	0.00965363	0.00366715	0.118802	-8.41735	0.102034	0.378924	-2.63905	0.0439849	0.285044	-3.50823	0.0229615	0.228762	-4.37136	0.0109662	0.177126	-5.64571	0.302686	0.56049	-1.78415	0.00243007	0.101404	-9.86158	0.0133504	0.189769	-5.26956	0.00622208	0.144582	-6.91648	5.97754	27.8362	4.13937	1
cg16155081	TAF1B	0.0112478	0.0362918	0.494351	-2.02285	0.00755024	0.36979	-2.70424	0.0187321	0.438445	-2.28079	0.643363	0.873763	-1.14448	0.00292533	0.306314	-3.26462	0.658038	1.13761	1.13761	0.00236183	0.293013	-3.41282	0.761262	0.915581	-1.0922	0.350314	0.757114	-1.32081	5.69148	7.55094	1.1793	1
cg13257421	TAF1B	0.0183302	0.0186822	0.300595	-3.32674	0.638628	1.22074	1.22074	0.338523	0.659668	-1.51591	0.243965	0.598076	-1.67203	0.00381476	0.193007	-5.18116	0.118551	0.489428	-2.0432	0.00823917	0.240506	-4.15789	0.304593	1.56568	1.56568	0.0161488	0.289082	-3.45922	4.84539	13.6455	2.50327	1
cg07216399	TAF1C;TAF1C	3.79E-05	0.000852852	0.552212	-1.8109	0.0220845	1.38439	1.38439	0.00202408	1.67513	1.67513	1.58E-06	0.238107	-4.19979	0.503211	1.08384	1.08384	0.196829	1.1755	1.1755	0.0421879	1.31963	1.31963	0.21413	0.856423	-1.16765	0.00281496	0.614068	-1.62849	28.6366	6.36858	0.197682	1
cg02906827	TAF1C;TAF1C	0.000201535	0.252573	1.5172	1.5172	3.00E-05	0.0579253	-17.2636	0.0115071	0.33202	-3.01186	0.0130057	0.341307	-2.92991	6.11E-05	0.0757281	-13.2051	0.0120705	0.335622	-2.97954	0.000196574	0.11265	-8.87704	0.00881332	0.312456	-3.20045	0.00622496	0.288246	-3.46926	18.3331	35.3286	1.71292	1
cg07128102	TAF1C;TAF1C	0.000209644	0.000396256	0.278874	-3.58585	0.00177676	0.365179	-2.73838	0.11773	0.680708	-1.46906	0.0478738	1.66883	1.66883	6.54E-05	0.190279	-5.25544	0.0021364	0.376551	-2.65568	0.000185971	0.239622	-4.17323	0.00116798	0.339929	-2.94179	0.0027625	0.392696	-2.5465	18.138	14.724	0.721582	1
cg00961177	TAF1C;TAF1C	0.000994262	0.586306	1.08912	1.08912	0.733032	0.948197	-1.05463	0.0848445	1.34457	1.34457	0.0693385	1.37117	1.37117	0.000843203	0.458425	-2.18138	8.30E-05	0.332548	-3.00708	0.849182	0.970856	-1.03002	0.0231094	1.52502	1.52502	0.343595	0.85935	-1.16367	11.7857	4.50554	0.339811	1
cg03312856	TAF1C;TAF1C	0.00283666	0.000202075	0.0358413	-27.9008	0.0982775	0.406618	-2.45931	0.100131	0.409064	-2.4446	0.892619	0.936061	-1.06831	0.00100561	0.0780634	-12.8101	0.0177217	0.233253	-4.2872	0.00284461	0.120309	-8.31193	0.0235714	0.256513	-3.89844	0.0101613	0.192768	-5.18759	10.2669	38.0912	2.88562	1
cg08768435	TAF1C;TAF1C	0.0257283	0.365933	1.61747	1.61747	0.00628943	0.158419	-6.31238	0.989319	1.00695	1.00695	0.840515	0.900951	-1.10994	0.934621	1.04339	1.04339	0.0751597	0.358522	-2.78923	0.0028652	0.119575	-8.36298	0.0963714	0.388647	-2.57303	0.0711597	0.352245	-2.83893	4.31387	18.3091	3.77267	1
cg10106505	TAF1C;TAF1C	0.0416475	0.830136	1.05071	1.05071	0.943439	1.01647	1.01647	0.920533	0.977285	-1.02324	0.606156	1.12722	1.12722	0.0023189	0.375445	-2.66351	0.477048	0.846644	-1.18113	0.0528836	0.602524	-1.65968	0.283586	1.29243	1.29243	0.098911	1.51679	1.51679	3.62864	3.047	0.746407	1
cg20315643	TAF1C;TAF1C;TAF1C;TAF1C	0.0183726	0.0434479	1.33787	1.33787	0.919156	0.987356	-1.01281	0.0886203	0.790224	-1.26546	0.130174	1.22739	1.22739	0.00127233	1.80249	1.80249	0.761026	1.03897	1.03897	0.0290092	1.38071	1.38071	0.377245	0.892647	-1.12026	0.559794	1.07671	1.07671	4.84162	1.20469	0.221172	1
cg03607573	TAF1D	0.0200229	0.00474804	0.17688	-5.65356	0.0369192	0.326438	-3.06336	0.110914	0.448296	-2.23067	0.213104	0.545692	-1.83254	0.015448	0.253441	-3.9457	0.211909	0.544736	-1.83575	0.00366036	0.16277	-6.14365	0.020772	0.276431	-3.61754	0.0374995	0.327905	-3.04967	4.70273	15.8937	3.00415	1
cg08494300	TAF1D;C11orf54	0.0186396	0.884294	1.01409	1.01409	0.00653584	1.40415	1.40415	0.000951747	1.60495	1.60495	0.184835	0.87363	-1.14465	0.604986	0.951111	-1.0514	0.266513	1.11763	1.11763	0.600795	1.05203	1.05203	0.430526	1.08036	1.08036	0.278023	1.11445	1.11445	4.81813	0.704171	0.129911	1
cg21296602	TAF1D;C11orf54	0.0220671	0.00606312	0.224068	-4.46293	0.390755	0.692787	-1.44344	0.42102	0.709574	-1.4093	0.545127	1.29123	1.29123	0.0158341	0.291244	-3.43355	0.195851	0.565016	-1.76986	0.00301601	0.183214	-5.45811	0.0516789	0.396814	-2.52007	0.0518056	0.397066	-2.51847	4.54918	12.5507	2.45234	1
cg26570233	TAF1D;C11orf54	0.0240421	0.0300403	0.240942	-4.15037	0.114213	0.383578	-2.60703	0.629672	0.762646	-1.31122	0.452884	0.652819	-1.53182	0.00987714	0.162317	-6.16078	0.0770795	0.334113	-2.993	0.00234229	0.0936065	-10.683	0.0127822	0.178191	-5.61195	0.105716	0.373232	-2.6793	4.41672	21.756	4.37852	1
cg14052688	TAF1L	0.0202032	0.206527	0.834551	-1.19825	0.133899	0.802962	-1.24539	0.0725849	0.761898	-1.31251	0.202702	1.20029	1.20029	0.600222	1.07443	1.07443	0.0219118	0.688473	-1.45249	0.00328702	1.72242	1.72242	0.246512	1.17882	1.17882	0.73314	1.04755	1.04755	4.68843	1.36836	0.259431	1
cg21235215	TAF1L	0.0473065	0.0109908	0.211552	-4.72697	0.1803	0.500245	-1.99902	0.0393916	0.313426	-3.19054	0.329911	1.63145	1.63145	0.0370489	0.307663	-3.25031	0.0720626	0.376277	-2.65762	0.715568	1.19501	1.19501	0.936803	1.03936	1.03936	0.0358197	0.304535	-3.2837	3.45993	12.987	3.33649	1
cg00681363	TAF2	0.00719406	0.0174988	0.662366	-1.50974	0.11159	0.781266	-1.27997	0.185161	0.818604	-1.22159	0.00826079	0.618098	-1.61787	0.0191014	0.66763	-1.49784	0.102179	0.775082	-1.29019	0.000354333	0.44172	-2.26388	0.016845	0.660086	-1.51495	0.0136831	0.647708	-1.5439	6.5589	2.1076	0.28563	1
cg02396914	TAF2	0.0252598	0.0516253	0.589228	-1.69714	0.189599	0.717649	-1.39344	0.00333614	0.385232	-2.59584	0.0464484	0.580069	-1.72393	0.00393524	0.395999	-2.52526	0.0802521	0.629168	-1.5894	0.0281747	0.538528	-1.85691	0.270077	0.760169	-1.3155	0.0992754	0.649562	-1.5395	4.34158	3.92042	0.802661	1
cg17625618	TAF2	0.0328968	0.0522946	1.36194	1.36194	0.002414	0.55356	-1.80649	0.26648	0.850407	-1.17591	0.651683	0.938379	-1.06567	0.432665	0.893983	-1.11859	0.643358	1.06743	1.06743	0.497669	0.908137	-1.10116	0.0424778	0.721096	-1.38678	0.328991	1.15143	1.15143	3.9545	1.22681	0.27576	1
cg21125452	TAF2;DSCC1	0.0163798	0.0375607	0.47908	-2.08733	0.289466	0.715088	-1.39843	0.0131685	0.39161	-2.55356	0.33121	0.736549	-1.35768	0.0494749	0.504752	-1.98117	0.425852	0.780354	-1.28147	0.0981331	0.575028	-1.73905	0.0422581	2.04123	2.04123	0.00244975	0.276506	-3.61656	5.03154	7.4129	1.30959	1
cg21659575	TAF2;TAF2	0.000341316	0.0120317	0.815067	-1.22689	0.00238967	1.31832	1.31832	0.0125998	1.22451	1.22451	0.00171866	1.33926	1.33926	0.541037	0.960405	-1.04123	0.0034219	1.29649	1.29649	0.00050484	0.701209	-1.42611	0.00526556	0.786453	-1.27153	0.0387294	1.16916	1.16916	15.8784	1.07197	0.06001	1
cg01161597	TAF2;TAF2	0.00300987	0.0216982	0.701168	-1.42619	0.000382211	2.07623	2.07623	0.0218737	1.42526	1.42526	0.122065	0.805838	-1.24094	0.646214	0.9422	-1.06135	0.0184353	0.691927	-1.44524	0.175026	1.20419	1.20419	0.594142	1.07174	1.07174	0.0410226	1.35492	1.35492	8.54981	2.24693	0.233605	1
cg07235453	TAF2;TAF2	0.0422369	0.0136275	0.218742	-4.57159	0.57705	1.32392	1.32392	0.117694	2.33076	2.33076	0.431985	0.670718	-1.49094	0.274636	0.567739	-1.76137	0.057845	0.343677	-2.90971	0.174549	0.487116	-2.0529	0.00867763	0.189001	-5.29099	0.803326	1.13233	1.13233	3.60979	14.1805	3.49187	1
cg07526974	TAF3	1.57E-05	0.603619	1.0407	1.0407	0.00737543	0.768746	-1.30082	0.15387	0.890219	-1.12332	0.693239	1.03066	1.03066	2.20E-07	0.30424	-3.28688	0.0664752	1.16972	1.16972	0.00183559	0.713849	-1.40086	0.00972084	1.2829	1.2829	0.026889	0.819011	-1.22098	36.0989	3.31701	0.0816773	1
cg07855525	TAF3	0.000109545	2.85E-06	0.241214	-4.1457	0.016894	0.690814	-1.44757	0.0962626	0.793107	-1.26086	0.000758691	0.523183	-1.91138	0.114992	1.24299	1.24299	0.0139735	0.680264	-1.47002	0.0639932	0.767813	-1.3024	0.132488	1.22879	1.22879	0.0451565	1.3387	1.3387	21.6068	5.51223	0.22677	1
cg07311579	TAF3	0.00115603	0.916895	1.01653	1.01653	0.0920331	1.33828	1.33828	0.809176	0.962703	-1.03874	0.785523	1.04379	1.04379	1.94E-05	0.256065	-3.90525	0.234562	1.21624	1.21624	0.0366131	1.46458	1.46458	0.960119	1.00789	1.00789	0.524687	0.903679	-1.10659	11.2914	4.41423	0.347501	1
cg05976695	TAF3	0.00573561	0.0474155	0.502207	-1.99121	0.921158	0.971811	-1.02901	0.0138244	0.385719	-2.59256	0.0301321	0.45712	-2.18761	0.269593	0.713959	-1.40064	0.022718	0.43041	-2.32336	0.000352919	0.134612	-7.42874	0.0888558	1.75412	1.75412	0.189132	1.50724	1.50724	9.86821	12.4147	0.838697	1
cg16858146	TAF3	0.00804627	0.184814	0.793302	-1.26055	0.00153005	0.471939	-2.11892	0.0175703	0.621447	-1.60915	0.00831174	0.573835	-1.74266	0.0147621	0.610191	-1.63883	0.628424	1.0836	1.0836	0.694279	1.0672	1.0672	0.0780345	1.38039	1.38039	0.605186	1.08965	1.08965	6.33264	2.71852	0.381589	1
cg22886393	TAF3	0.00812088	0.00145251	0.334113	-2.993	0.0167625	2.00516	2.00516	0.492084	1.18091	1.18091	0.277221	1.30907	1.30907	0.0147737	0.489224	-2.04405	0.979404	1.00617	1.00617	0.0358599	1.78938	1.78938	0.424878	1.21435	1.21435	0.334226	0.788717	-1.26788	6.31426	5.67967	0.799553	1
cg03672997	TAF3	0.00881587	0.23287	0.648946	-1.54096	0.113068	0.550946	-1.81506	0.00564399	0.284925	-3.5097	0.138516	0.576236	-1.7354	0.00378047	0.259074	-3.8599	0.194282	0.622091	-1.60748	0.0552544	0.471836	-2.11938	0.29526	1.45526	1.45526	0.0099448	3.08143	3.08143	6.15257	11.6426	1.68206	1
cg04723436	TAF3	0.0114475	0.802598	0.901059	-1.10981	0.0058565	4.48348	4.48348	0.0177336	3.31803	3.31803	0.649887	1.20934	1.20934	0.00275266	0.179367	-5.57517	0.937275	1.03328	1.03328	0.101515	0.474397	-2.10794	0.523654	0.764281	-1.30842	0.387492	0.691823	-1.44546	5.65923	15.5062	2.43555	1
cg04234156	TAF3	0.0123663	0.00311365	1.50098	1.50098	0.616932	0.950611	-1.05195	0.0609762	1.23626	1.23626	0.0160823	1.34427	1.34427	0.618115	0.950776	-1.05177	0.00430158	1.46733	1.46733	0.703972	0.962385	-1.03908	0.011744	1.37181	1.37181	0.294833	1.11529	1.11529	5.51933	0.881744	0.142005	1
cg27268107	TAF3	0.0154314	0.762182	0.938976	-1.06499	0.0189693	1.80282	1.80282	0.548061	1.13439	1.13439	0.0798942	1.49655	1.49655	0.547495	1.1346	1.1346	0.563338	0.88585	-1.12886	0.00106223	0.366429	-2.72904	0.147941	0.724685	-1.37991	0.527757	0.875708	-1.14193	5.13229	3.49838	0.605904	1
cg09871669	TAF3	0.0216224	0.0357856	4.76716	4.76716	0.0187032	6.18348	6.18348	0.0303858	5.08817	5.08817	0.0294906	5.14927	5.14927	0.257243	0.469589	-2.12952	0.921474	1.06507	1.06507	0.585187	0.70302	-1.42243	0.00832441	8.63744	8.63744	0.0285215	5.21845	5.21845	4.58104	29.6536	5.75388	1
cg09994553	TAF3	0.0235995	?	?	?	?	?	?	0.0465066	2.68025	2.68025	?	?	?	0.460464	1.28916	1.28916	?	?	?	0.00631006	0.126551	-7.90194	0.163209	1.73871	1.73871	0.886944	1.0476	1.0476	15.5063	11.6803	0.451957	1
cg20392242	TAF3	0.0259667	0.380188	0.898509	-1.11296	0.0991846	0.806632	-1.23972	0.669747	1.05233	1.05233	0.810841	1.02892	1.02892	0.0145591	1.43013	1.43013	0.338021	0.889212	-1.12459	0.00297047	1.62368	1.62368	0.258891	0.869324	-1.15032	0.44508	0.911605	-1.09697	4.29999	0.962549	0.198977	1
cg01152906	TAF3	0.0376216	0.127311	0.854227	-1.17065	0.00714643	1.39365	1.39365	0.573354	1.05587	1.05587	0.79034	1.02579	1.02579	0.0583457	1.22679	1.22679	0.202258	0.879286	-1.13729	0.128314	0.854637	-1.17009	0.545917	0.943275	-1.06014	0.0713774	0.824964	-1.21217	3.76689	0.544706	0.128536	1
cg02560310	TAF4	0.000505276	0.4819	0.860806	-1.1617	0.909923	1.02402	1.02402	0.44031	0.847875	-1.17942	0.148575	0.722597	-1.3839	0.0201709	0.555685	-1.79958	0.23026	0.768027	-1.30204	6.37E-06	0.121006	-8.26407	0.638601	0.905567	-1.10428	0.00149138	0.382725	-2.61284	14.249	9.92302	0.619025	1
cg01521397	TAF4	0.000584699	0.66826	0.921845	-1.08478	0.105612	1.39614	1.39614	0.000542997	0.362458	-2.75894	0.194632	0.771829	-1.29562	7.00E-05	0.25406	-3.93608	0.011302	0.549435	-1.82005	0.0148955	0.568191	-1.75997	0.00701222	1.93115	1.93115	0.366506	0.839352	-1.1914	13.6821	7.72144	0.501642	1
cg27374441	TAF4	0.000830138	0.233431	0.906665	-1.10294	0.382524	0.932173	-1.07276	0.243119	1.10053	1.10053	0.174285	0.892843	-1.12002	0.00565211	0.752165	-1.3295	0.0339421	1.21431	1.21431	0.500035	1.05516	1.05516	0.000345614	1.5708	1.5708	0.000179143	1.64483	1.64483	12.4023	1.20824	0.0865962	1
cg00218415	TAF4	0.00088641	0.759333	1.03712	1.03712	0.892394	1.01618	1.01618	0.00215096	0.599802	-1.66722	0.0585624	0.776095	-1.2885	0.225772	1.16287	1.16287	0.927288	0.989231	-1.01089	2.83E-05	2.655	2.655	0.52752	1.07889	1.07889	0.596491	0.938584	-1.06544	12.1749	2.71323	0.198092	1
cg03057951	TAF4	0.00102559	0.0674191	1.28008	1.28008	0.00119829	0.564448	-1.77164	0.0042855	0.631068	-1.58461	0.0654098	0.779429	-1.28299	0.111807	0.811672	-1.23202	0.167528	0.837557	-1.19395	0.00018891	2.13537	2.13537	0.600535	0.938321	-1.06573	0.352013	0.891006	-1.12233	11.6825	2.68631	0.204394	1
cg04088624	TAF4	0.00335987	0.00509545	0.39046	-2.56108	0.0511524	0.568798	-1.75809	0.626585	1.13266	1.13266	0.912477	0.972454	-1.02833	0.00349964	0.365535	-2.73572	0.0521259	0.570493	-1.75287	0.000186382	0.201354	-4.96637	0.76323	1.07978	1.07978	0.0312784	0.526278	-1.90014	8.27426	8.45805	0.908632	1
cg04378518	TAF4	0.00442074	0.0888979	0.736085	-1.35854	0.00060148	0.421398	-2.37305	0.760591	1.05117	1.05117	0.231768	0.814806	-1.22729	0.0240424	0.644363	-1.55192	0.570839	1.09805	1.09805	0.032163	1.50647	1.50647	0.0426616	1.46385	1.46385	0.0360019	1.48929	1.48929	7.61867	3.21752	0.375396	1
cg03461296	TAF4	0.00552554	0.0206443	0.461012	-2.16914	0.00571142	0.365377	-2.7369	0.0213964	0.463912	-2.15558	0.193309	0.682211	-1.46582	0.00517061	0.358588	-2.78872	0.00531278	0.360431	-2.77446	0.0011428	0.264826	-3.77606	0.00511451	0.357848	-2.79448	0.0278991	0.485887	-2.05809	7.11742	8.6995	1.08647	1
cg17216737	TAF4	0.00922685	0.850254	0.958413	-1.04339	0.610036	1.12255	1.12255	0.149225	1.41565	1.41565	0.00689815	0.455662	-2.19461	0.00128733	0.348402	-2.87025	0.00509637	0.435219	-2.29769	0.631809	1.11461	1.11461	0.771906	1.06751	1.06751	0.3213	0.794306	-1.25896	6.06424	4.85111	0.71107	1
cg00098951	TAF4	0.0110598	0.0264309	0.783073	-1.27702	0.201436	1.13353	1.13353	0.0427084	1.24203	1.24203	0.384013	1.08646	1.08646	0.57446	0.948657	-1.05412	0.297516	1.10555	1.10555	0.0124293	1.33513	1.33513	0.00644995	0.719568	-1.38972	0.0528101	0.815057	-1.22691	5.72251	0.7823	0.121516	1
cg09631939	TAF4	0.0116807	0.0629578	0.616466	-1.62215	0.00371727	0.40401	-2.47519	0.0930585	0.652283	-1.53308	0.122023	0.678692	-1.47342	0.0347393	0.565983	-1.76684	0.00254111	0.379614	-2.63425	0.0146643	0.499153	-2.00339	0.195562	1.37238	1.37238	0.0644189	0.618504	-1.6168	5.62243	4.76199	0.752856	1
cg17460449	TAF4	0.0130744	0.589208	0.896025	-1.11604	0.0235997	1.7235	1.7235	0.497438	0.870464	-1.14881	0.0897381	1.45745	1.45745	0.434203	0.851552	-1.17433	0.00306667	0.441979	-2.26255	0.0168997	1.79834	1.79834	0.673031	0.918075	-1.08924	0.0736793	0.669286	-1.49413	5.42003	3.48135	0.570944	1
cg04446876	TAF4	0.0138265	0.0166286	0.656463	-1.52331	0.303941	0.857929	-1.1656	0.0246628	0.68042	-1.46968	0.371522	0.876294	-1.14117	0.0408121	0.711899	-1.40469	0.190681	1.2207	1.2207	0.156966	1.24341	1.24341	0.00423158	0.576314	-1.73517	0.0145103	0.648293	-1.54251	5.32164	1.74577	0.291601	1
cg13173722	TAF4	0.0262723	0.362791	1.18629	1.18629	0.0227671	0.607854	-1.64513	0.0495934	0.664218	-1.50553	0.553854	0.896395	-1.11558	0.521171	1.12611	1.12611	0.598922	0.907615	-1.10179	0.00310632	2.09352	2.09352	0.781909	1.05199	1.05199	0.193257	0.77767	-1.28589	4.28245	2.26252	0.469621	1
cg03503905	TAF4	0.0293793	0.806868	1.08137	1.08137	0.752057	1.10653	1.10653	0.918857	0.967978	-1.03308	0.00339667	0.280303	-3.56757	0.63799	0.859536	-1.16342	0.29838	1.41096	1.41096	0.0138329	0.378476	-2.64217	0.123088	1.70494	1.70494	0.156604	1.62245	1.62245	4.11725	6.65159	1.43604	1
cg01868762	TAF4	0.0296378	0.150125	0.777462	-1.28624	0.00571498	0.553612	-1.80632	0.0333928	0.666555	-1.50025	0.0973592	0.743163	-1.3456	0.329672	1.17838	1.17838	0.0223181	0.639681	-1.56328	0.148251	1.28795	1.28795	0.623025	1.0842	1.0842	0.552819	0.906674	-1.10293	4.10449	1.73072	0.374814	1
cg03117005	TAF4	0.0313901	0.941407	1.02121	1.02121	0.0149382	2.35018	2.35018	0.0965817	1.68346	1.68346	0.00447004	2.95202	2.95202	0.349465	1.31651	1.31651	0.00424625	2.98202	2.98202	0.684286	1.12381	1.12381	0.712104	1.11163	1.11163	0.455214	1.24254	1.24254	4.02145	5.19185	1.14759	1
cg24733560	TAF4	0.0316817	0.76042	0.913698	-1.09445	0.908433	1.03454	1.03454	0.0466474	0.510536	-1.95873	0.449455	0.796568	-1.25539	0.00283196	0.297256	-3.3641	0.993081	1.00256	1.00256	0.0159562	0.418626	-2.38877	0.115484	1.65693	1.65693	0.26554	0.710066	-1.40832	4.00819	5.52832	1.22601	1
cg25071135	TAF4	0.0319209	0.162109	0.724412	-1.38043	0.357676	0.815217	-1.22667	0.750122	0.933317	-1.07145	0.736834	1.07556	1.07556	0.169667	0.729098	-1.37156	0.0452305	0.608854	-1.64243	0.000750794	0.331462	-3.01694	0.327229	0.803772	-1.24413	0.0798259	0.657153	-1.52172	3.99742	2.9533	0.656713	1
cg14080585	TAF4	0.0478262	0.046114	2.79427	2.79427	0.222504	1.77968	1.77968	0.0054043	5.18854	5.18854	0.0313082	3.11388	3.11388	0.140261	2.04099	2.04099	0.816027	0.900512	-1.11048	0.706601	0.843634	-1.18535	0.723228	1.17338	1.17338	0.0237995	3.36368	3.36368	3.44569	11.0333	2.84628	1
cg27514550	TAF4B	0.0141571	0.737138	0.936671	-1.06761	0.000882985	0.37988	-2.63241	0.00495129	0.485434	-2.06001	0.127325	0.725988	-1.37743	0.0255968	0.597465	-1.67374	0.350244	0.829667	-1.2053	0.308337	1.22725	1.22725	0.621777	0.907942	-1.10139	0.158318	0.746101	-1.3403	5.28048	3.15433	0.530984	1
cg23398091	TAF4B	0.0191521	0.396219	0.885112	-1.1298	0.255429	1.18149	1.18149	0.0108381	0.637969	-1.56747	0.607363	0.929782	-1.07552	0.348	1.14537	1.14537	0.00455978	0.588217	-1.70005	0.516339	1.09684	1.09684	0.210575	0.830843	-1.2036	0.0240039	1.45966	1.45966	4.77417	1.49197	0.277785	1
cg07446438	TAF4B	0.0333802	0.909039	1.04815	1.04815	0.000722091	0.120457	-8.30173	0.423216	1.40012	1.40012	0.690664	0.848249	-1.1789	0.647261	1.20871	1.20871	0.149608	0.529584	-1.88827	0.0851171	0.456912	-2.18861	0.585808	0.797401	-1.25407	0.556322	0.782842	-1.2774	3.93382	10.5473	2.38327	1
cg02833108	TAF4B	0.0453722	0.150317	0.265531	-3.76604	0.0169302	0.0816582	-12.2462	0.0483584	0.143703	-6.95877	0.55028	0.594659	-1.68164	0.029423	0.110156	-9.07801	0.08945	0.19981	-5.00476	0.00872351	0.0564786	-17.7058	0.0232027	0.0969232	-10.3174	0.108751	0.22215	-4.50147	3.51466	41.1704	10.4123	1
cg21755257	TAF4B;TAF4B	0.0305465	0.786314	0.836008	-1.19616	0.668842	1.32843	1.32843	0.229507	2.32809	2.32809	0.0030175	0.0483586	-20.6788	0.0137064	0.113396	-8.81869	?	?	?	0.975811	0.980229	-1.02017	0.859691	1.12364	1.12364	0.335448	1.93761	1.93761	5.14558	29.9236	4.36155	1
cg14125903	TAF5	0.00170992	0.946456	1.00759	1.00759	0.00101319	1.73134	1.73134	7.46E-05	2.2476	2.2476	0.333551	0.893794	-1.11883	0.0260848	1.3461	1.3461	0.259777	1.14149	1.14149	0.0455916	1.29441	1.29441	0.22485	0.866311	-1.15432	0.285277	1.13308	1.13308	10.0908	2.0252	0.178399	1
cg20188621	TAF5	0.00624147	0.00173489	0.0760251	-13.1536	0.0422131	0.259288	-3.85672	0.0713931	0.313038	-3.1945	0.151422	0.412052	-2.42688	0.00160754	0.0735759	-13.5914	0.0107333	0.157356	-6.355	0.0038762	0.106059	-9.42868	0.0162096	0.183381	-5.45314	0.0140757	0.174078	-5.74454	6.85505	36.1205	4.68371	1
cg26500454	TAF5	0.0250531	0.104982	0.64856	-1.54188	0.842474	1.04983	1.04983	0.0755752	1.62167	1.62167	0.609584	1.13415	1.13415	0.354589	1.26209	1.26209	0.00397503	0.388105	-2.57662	0.0084212	0.439367	-2.276	0.460717	0.832307	-1.20148	0.432007	0.822014	-1.21652	4.35402	4.11925	0.840961	1
cg10301212	TAF5	0.0275265	0.00445011	0.553336	-1.80722	0.328887	0.854566	-1.17018	0.0706633	0.729761	-1.37031	0.607315	1.0842	1.0842	0.961982	1.00746	1.00746	0.0723279	1.36721	1.36721	0.0190034	1.55718	1.55718	0.981226	0.996337	-1.00368	0.616616	1.08191	1.08191	4.21299	1.62298	0.342429	1
cg00245789	TAF5	0.0280909	0.42048	0.850958	-1.17515	0.0592618	1.51829	1.51829	0.180338	1.32178	1.32178	0.723288	1.0722	1.0722	0.0154295	0.558317	-1.7911	0.287725	0.805373	-1.24166	0.442835	1.16583	1.16583	0.0171982	0.565939	-1.76697	0.0240202	0.589852	-1.69534	4.18301	2.54752	0.541349	1
cg25713684	TAF5	0.0370855	0.262103	0.751875	-1.33001	0.0445117	1.75541	1.75541	0.387232	1.24129	1.24129	0.0367798	0.553428	-1.80692	0.0166969	0.490372	-2.03927	0.0189738	0.500175	-1.9993	0.386041	0.805156	-1.242	0.151881	0.687702	-1.45412	0.486525	0.841616	-1.18819	3.78667	3.56715	0.837358	1
cg22077894	TAF5L	0.000105308	0.00592662	0.538838	-1.85584	6.44E-05	0.283146	-3.53175	1.85E-05	0.223348	-4.47732	0.165243	0.775468	-1.28954	7.29E-05	0.289409	-3.45532	0.0014548	0.453809	-2.20357	0.00024119	0.3522	-2.8393	0.386807	0.858642	-1.16463	0.0020321	0.473581	-2.11157	21.8362	10.2071	0.415502	1
cg06163270	TAF5L	0.00118039	0.0215873	0.61194	-1.63415	0.877648	0.97295	-1.0278	0.0164804	0.593595	-1.68465	0.0249904	1.6076	1.6076	0.000194118	0.327507	-3.05337	0.000220431	0.334325	-2.9911	0.299209	0.825708	-1.21108	0.178506	0.775358	-1.28973	0.065646	0.692312	-1.44443	11.2244	5.63228	0.446033	1
cg23109359	TAF5L	0.0372932	0.401121	0.786861	-1.27087	0.0187537	0.451861	-2.21307	0.321529	1.33063	1.33063	0.637139	1.14171	1.14171	0.155816	0.654723	-1.52736	0.0246369	0.474069	-2.1094	0.00367837	0.334479	-2.98972	0.992408	1.00266	1.00266	0.618364	0.869288	-1.15037	3.77897	4.65611	1.09521	1
cg06208926	TAF5L;TAF5L	0.0133927	0.00774427	0.182695	-5.4736	0.0226486	0.257613	-3.88179	0.00842795	0.187846	-5.3235	0.074024	0.371747	-2.69	0.00895066	0.191582	-5.2197	0.113107	0.424426	-2.35612	0.00812659	0.185615	-5.38749	0.449481	1.46672	1.46672	0.0284592	0.276617	-3.61511	5.37755	21.0378	3.47748	1
cg26248460	TAF5L;TAF5L	0.0294797	0.0341714	0.452277	-2.21103	0.531521	1.22564	1.22564	0.552385	0.824504	-1.21285	0.699616	0.882969	-1.13254	0.0140551	0.377825	-2.64673	0.271738	0.692608	-1.44382	0.0196374	0.40456	-2.47182	0.244043	1.47886	1.47886	0.00647885	0.321029	-3.11498	4.11227	6.7122	1.45087	1
cg14649827	TAF6;TAF6;TAF6;TAF6	0.00251068	0.00436482	1.84593	1.84593	0.102737	1.33295	1.33295	0.195176	1.24678	1.24678	0.0158183	1.60946	1.60946	0.619664	1.08388	1.08388	0.24668	0.822827	-1.21532	0.148527	1.28333	1.28333	5.87E-05	3.31239	3.31239	0.64472	1.07761	1.07761	9.02071	3.70235	0.364824	1
cg04280119	TAF6;TAF6;TAF6;TAF6;TAF6;CNPY4;TAF6	0.00574455	0.165033	0.784789	-1.27423	0.818872	0.963162	-1.03825	0.00542778	1.81974	1.81974	0.483955	0.890121	-1.12344	0.293346	0.836634	-1.19527	0.00038393	0.395586	-2.52789	0.0768	1.37993	1.37993	0.785445	0.956331	-1.04566	0.436127	1.13883	1.13883	7.03286	2.98242	0.376951	1
cg12980408	TAF6;TAF6;TAF6;TAF6;TAF6;CNPY4;TAF6	0.0179211	0.930569	0.991081	-1.009	0.443141	1.0837	1.0837	0.00363902	1.49845	1.49845	0.77613	0.971116	-1.02974	0.202527	0.870823	-1.14834	0.19171	0.867547	-1.15268	0.00525849	0.684993	-1.45987	0.242865	1.13387	1.13387	0.161149	1.16632	1.16632	4.88234	0.817226	0.148786	1
cg01521250	TAF6L	0.000127009	0.731295	1.02573	1.02573	0.0181878	1.23533	1.23533	1.33E-06	2.49021	2.49021	0.477139	1.05472	1.05472	0.0492544	0.847543	-1.17988	0.625068	0.964353	-1.03697	0.412401	1.06371	1.06371	0.128687	1.12865	1.12865	0.523148	0.953427	-1.04885	20.7661	1.78646	0.076469	1
cg06453915	TAF6L	0.00127971	0.819346	0.982759	-1.01754	0.866449	0.987285	-1.01288	0.157686	1.12171	1.12171	0.158386	0.891692	-1.12146	0.024301	0.81538	-1.22642	0.000640085	0.671344	-1.48955	0.000220472	1.59672	1.59672	0.598152	1.04126	1.04126	0.0352589	1.20493	1.20493	10.9683	1.00402	0.0813673	1
cg02039920	TAF6L	0.00750364	0.0487818	0.766	-1.30548	0.00326917	1.60789	1.60789	0.948535	1.00768	1.00768	0.0341195	0.746103	-1.3403	0.0194707	1.39732	1.39732	0.0706924	1.2703	1.2703	0.136412	0.826897	-1.20934	0.669774	1.05213	1.05213	0.0139483	1.43294	1.43294	6.47302	1.43854	0.197543	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25989749	TAF6L	0.00892464	0.302206	0.887439	-1.12684	0.121022	1.20665	1.20665	0.000218431	1.99101	1.99101	0.604597	1.0601	1.0601	0.509296	0.927933	-1.07766	0.671473	0.953454	-1.04882	0.0164083	1.38776	1.38776	0.580455	1.06436	1.06436	0.247288	1.14471	1.14471	6.1287	1.21165	0.175735	1
cg06798491	TAF6L	0.0250073	0.850375	1.0247	1.0247	0.365275	0.886758	-1.1277	0.253028	0.857069	-1.16677	0.567722	1.07747	1.07747	0.226526	1.17827	1.17827	0.169026	1.20842	1.20842	0.00172838	0.561299	-1.78158	0.262133	1.16307	1.16307	0.0434428	1.34991	1.34991	4.35679	1.15172	0.234979	1
cg23055396	TAF6L	0.0445044	0.398705	1.20647	1.20647	0.925521	0.979892	-1.02052	0.345821	1.23481	1.23481	0.147964	0.71378	-1.40099	0.261013	0.775179	-1.29002	0.0922826	1.49561	1.49561	0.0102407	0.495033	-2.02007	0.0269518	1.76672	1.76672	0.396291	1.20769	1.20769	3.54016	2.64607	0.664394	1
cg13156863	TAF7	0.00521187	0.153284	0.846905	-1.18077	0.098479	0.821272	-1.21762	0.000809809	1.73153	1.73153	0.645707	1.05159	1.05159	0.945512	1.00745	1.00745	0.773666	0.969153	-1.03183	0.00198774	0.622184	-1.60724	0.569234	0.939404	-1.0645	0.0639932	1.25384	1.25384	7.2461	1.3551	0.166232	1
cg24830062	TAF7	0.0253452	0.97637	0.993351	-1.00669	0.298356	1.2748	1.2748	0.00207702	2.65457	2.65457	0.0439935	0.593752	-1.68421	0.372905	1.22879	1.22879	0.55573	0.874396	-1.14365	0.904209	1.02749	1.02749	0.8721	0.964363	-1.03695	0.0161884	1.93966	1.93966	4.33649	3.48395	0.714137	1
cg19311812	TAF7;TAF7	0.000166291	0.00539297	0.75444	-1.32549	0.949522	0.995142	-1.00488	0.000132141	1.66541	1.66541	0.569243	0.956715	-1.04524	0.00636788	0.76098	-1.3141	2.79E-05	0.530251	-1.8859	0.719264	0.972617	-1.02815	0.0200222	0.805818	-1.24098	0.0321845	1.21288	1.21288	19.3121	1.80985	0.0833029	1
cg24717875	TAF7;TAF7	0.0386417	0.303523	1.17175	1.17175	0.0994124	1.30814	1.30814	0.399879	1.13674	1.13674	0.186786	0.812105	-1.23137	0.110548	0.772119	-1.29514	0.295666	1.17502	1.17502	0.029281	0.682552	-1.46509	0.251091	0.836655	-1.19524	0.014388	1.56625	1.56625	3.73019	1.30675	0.311394	1
cg21330407	TAF7L	4.59E-05	0.000161097	0.313389	-3.19092	0.00261207	0.472058	-2.11838	8.42E-05	0.279881	-3.57295	0.598218	1.10049	1.10049	1.94E-06	0.119732	-8.35197	0.00199464	0.455723	-2.19431	0.0016064	0.442763	-2.25855	0.485492	1.13612	1.13612	0.0883023	0.712738	-1.40304	27.2281	13.9824	0.456471	1
cg02537091	TAF7L	0.000327332	0.63716	0.896104	-1.11594	0.772605	1.06919	1.06919	0.000321777	0.26087	-3.83332	0.00010039	0.203419	-4.91595	0.00466193	0.419483	-2.38389	0.0518697	0.60002	-1.66661	0.523917	1.16082	1.16082	0.459339	0.840336	-1.19	4.36E-05	0.166818	-5.99455	16.0618	13.5613	0.750505	1
cg13009143	TAF7L	0.0129529	0.811822	1.03962	1.03962	0.0700613	0.718934	-1.39095	0.00922937	0.583665	-1.71331	0.0459243	1.45174	1.45174	0.0788653	0.727641	-1.3743	0.592092	1.09212	1.09212	0.00531208	1.81939	1.81939	0.0937497	1.35024	1.35024	0.624913	1.08359	1.08359	5.43659	2.28572	0.373718	1
cg25621422	TAF7L	0.0151599	0.583915	1.18439	1.18439	0.284734	0.711773	-1.40494	0.00241171	0.274422	-3.64403	0.127191	1.6565	1.6565	0.00702827	0.344287	-2.90455	0.301051	1.388	1.388	0.0590674	1.91975	1.91975	0.992293	0.997049	-1.00296	0.741305	0.903603	-1.10668	5.16256	7.65467	1.31798	1
cg22394889	TAF7L	0.0221235	0.195241	0.793414	-1.26038	0.031297	0.652623	-1.53228	0.02669	0.641745	-1.55825	0.409737	1.15305	1.15305	0.000761609	0.422444	-2.36718	0.328835	0.843463	-1.18559	0.11291	0.747167	-1.33839	0.495704	0.889719	-1.12395	0.267266	0.822649	-1.21559	4.5452	2.05404	0.401702	1
cg06776776	TAF7L	0.0473162	0.248572	0.786167	-1.27199	0.0978527	0.696111	-1.43655	0.372405	0.833045	-1.20041	0.0339015	1.63886	1.63886	0.707422	1.07811	1.07811	0.318642	1.22825	1.22825	0.00486068	2.10604	2.10604	0.88885	1.02829	1.02829	0.740465	0.935844	-1.06855	3.45966	2.18015	0.560144	1
cg14825116	TAF7L;TAF7L	1.44E-06	0.162887	1.28898	1.28898	0.000211641	0.348087	-2.87285	6.84E-07	0.100218	-9.97827	0.976717	0.995039	-1.00499	5.26E-08	0.040861	-24.4732	0.76275	1.05295	1.05295	0.136581	1.31432	1.31432	0.534945	1.11303	1.11303	0.203631	0.79559	-1.25693	66.8212	30.737	0.408879	1
cg11267692	TAF7L;TAF7L	0.000283328	0.235336	1.28758	1.28758	0.00173379	0.403349	-2.47924	0.0016712	0.401114	-2.49306	0.421015	0.846149	-1.18183	1.37E-05	0.157612	-6.34468	0.482116	0.864858	-1.15626	0.0109823	1.91271	1.91271	0.263907	0.789252	-1.26702	0.0077306	0.498903	-2.0044	16.7094	10.9299	0.581434	1
cg16723800	TAF7L;TAF7L	0.00343519	0.00352759	12.6812	12.6812	0.0159174	6.65756	6.65756	0.267277	0.476109	-2.10036	0.0322255	5.00556	5.00556	0.00473828	11.1214	11.1214	0.690674	1.29285	1.29285	0.0187696	6.22441	6.22441	0.000800092	25.8002	25.8002	0.0038493	12.1946	12.1946	8.21963	53.6771	5.80476	1
cg00243747	TAF7L;TAF7L	0.00553989	0.402164	1.22943	1.22943	0.123247	0.668828	-1.49515	0.0719714	0.616396	-1.62233	0.00317306	0.37874	-2.64033	0.0015474	0.333965	-2.99432	0.347809	1.26222	1.26222	0.00813236	2.26183	2.26183	0.354054	0.794775	-1.25822	0.780666	0.934965	-1.06956	7.11176	6.53664	0.817006	1
cg01786967	TAF7L;TAF7L	0.012488	0.0223677	3.17215	3.17215	0.0065529	4.43581	4.43581	0.999142	0.999546	-1.00045	0.056249	2.48911	2.48911	0.0385536	2.74804	2.74804	0.467456	1.36598	1.36598	0.0767648	2.2939	2.2939	0.00108712	7.64231	7.64231	0.0138404	3.60764	3.60764	5.50176	15.5036	2.50483	1
cg12308146	TAF7L;TAF7L	0.0137235	0.0527808	0.486334	-2.0562	0.032968	0.441916	-2.26287	0.0660816	0.509099	-1.96425	0.108537	0.563715	-1.77395	0.00245174	0.251591	-3.9747	0.811612	1.08132	1.08132	0.0263225	0.42203	-2.3695	0.00224558	0.24641	-4.05828	0.0445711	0.469901	-2.12811	5.33471	9.05912	1.50946	1
cg08704539	TAF7L;TAF7L	0.0171377	0.15287	3.55819	3.55819	0.484011	0.554512	-1.80339	0.835346	1.18834	1.18834	0.741697	1.31551	1.31551	0.230225	2.83941	2.83941	0.0436162	0.146118	-6.8438	0.73545	0.754905	-1.32467	0.00232027	34.02	34.02	0.00597279	19.6817	19.6817	4.95608	53.953	9.67663	1
cg03060488	TAF7L;TAF7L	0.027159	0.0918138	2.07576	2.07576	0.847563	0.927074	-1.07866	0.0120216	0.291549	-3.42995	0.906832	1.04714	1.04714	0.0156262	0.311528	-3.20998	0.0314263	2.6994	2.6994	0.248646	1.60719	1.60719	0.911133	0.957022	-1.04491	0.136512	0.53197	-1.8798	4.23293	10.3789	2.17949	1
cg13248004	TAF7L;TAF7L	0.035133	0.00849841	0.161201	-6.20342	0.0596747	0.315139	-3.17321	0.0514023	0.299658	-3.33713	0.720997	1.21513	1.21513	0.00608975	0.142882	-6.99881	0.638756	0.773434	-1.29294	0.0562476	0.308907	-3.23722	0.1153	0.394429	-2.53531	0.0527218	0.302232	-3.30872	3.86183	18.0577	4.15639	1
cg01538344	TAF7L;TAF7L;TAF7L	0.0344055	0.103102	6.071	6.071	0.558832	0.549937	-1.81839	0.578178	1.76501	1.76501	0.807979	1.27926	1.27926	0.181071	4.20504	4.20504	0.0657293	0.123837	-8.07512	0.881774	0.860255	-1.16245	0.00437246	47.0078	47.0078	0.0174024	18.7044	18.7044	3.89116	63.0505	14.4031	1
cg04330631	TAF8	0.00291391	0.323091	1.1294	1.1294	0.487556	1.08773	1.08773	0.010366	1.46956	1.46956	0.687971	1.04931	1.04931	0.00219758	0.599345	-1.66849	0.0586744	0.775196	-1.29	0.17365	1.18839	1.18839	0.00051439	1.90856	1.90856	0.186668	1.18164	1.18164	8.6324	1.94356	0.200131	1
cg21653462	TAF8	0.0142475	0.00984954	0.207145	-4.82755	0.15006	0.47489	-2.10575	0.0444566	0.328277	-3.04621	0.634249	0.793493	-1.26025	0.00186402	0.118797	-8.4177	0.0540638	0.348099	-2.87274	0.00382585	0.152318	-6.56523	0.989313	1.00648	1.00648	0.0507743	0.341612	-2.9273	5.26943	19.4387	3.27907	1
cg27077143	TAF9;RAD17;RAD17;RAD17;TAF9;RAD17;RAD17;RAD17;TAF9;RAD17;RAD17;TAF9	0.0381823	0.434019	1.06201	1.06201	0.317488	0.925079	-1.08099	0.730871	1.02636	1.02636	0.289616	0.9205	-1.08637	0.0422114	0.838307	-1.19288	0.0569131	1.17631	1.17631	0.00844029	0.776089	-1.28851	0.825332	1.0168	1.0168	0.0289105	0.823548	-1.21426	3.74657	0.337033	0.0799625	1
cg10262485	TAF9B	0.0228636	0.0747119	0.451864	-2.21305	0.0213622	0.330649	-3.02435	0.504647	0.762686	-1.31116	0.818978	1.09607	1.09607	0.0578716	0.424007	-2.35845	0.0314607	0.364363	-2.74452	0.00249225	0.186079	-5.37405	0.00853526	0.261087	-3.83014	0.219308	0.596367	-1.67682	4.49406	11.3962	2.25407	1
cg19885651	TAGAP;TAGAP	0.000145049	0.0349218	0.722409	-1.38426	0.020818	1.44487	1.44487	0.399118	0.892087	-1.12097	0.631345	1.06604	1.06604	0.249768	0.852902	-1.17247	5.55E-06	0.257455	-3.88417	0.00174399	1.80476	1.80476	0.00831322	1.56244	1.56244	0.593625	1.07385	1.07385	20.0373	5.55319	0.246349	1
cg23680682	TAGAP;TAGAP	0.000804325	0.0118029	0.583642	-1.71338	0.00395536	0.51492	-1.94205	0.00069509	0.412247	-2.42573	0.00259324	0.489306	-2.04371	4.27E-05	0.264005	-3.7878	0.00333836	0.504575	-1.98187	0.442051	0.874386	-1.14366	0.496816	0.888569	-1.12541	0.056208	0.690528	-1.44817	12.5131	5.81165	0.412841	1
cg06805546	TAGAP;TAGAP;TAGAP	0.000407061	0.000225414	0.088738	-11.2691	0.00517454	0.23288	-4.29405	0.00131468	0.157893	-6.3334	6.64E-05	0.0557332	-17.9426	0.025997	0.35234	-2.83817	0.0167453	0.315763	-3.16693	0.00647772	0.247262	-4.0443	0.000268314	0.0943683	-10.5968	0.00184599	0.174567	-5.72846	15.127	37.3391	2.19411	1
cg05103623	TAGAP;TAGAP;TAGAP	0.00291202	0.000115082	0.0642946	-15.5534	0.0394099	0.380297	-2.62952	0.191026	0.570227	-1.75369	0.0166836	0.30554	-3.2729	0.18771	0.56754	-1.76199	0.191877	0.570912	-1.75158	0.000796948	0.12809	-7.80702	0.0209987	0.324153	-3.08496	0.0476223	0.398877	-2.50704	8.63406	22.5102	2.31745	1
cg16180082	TAGAP;TAGAP;TAGAP	0.00429263	0.00111103	0.12137	-8.23924	0.00239722	0.15615	-6.40411	0.00853905	0.22924	-4.36224	0.00592634	0.206002	-4.85432	0.00724526	0.218546	-4.57569	0.0173342	0.280255	-3.56817	0.0058687	0.205407	-4.86839	0.0337922	0.336909	-2.96816	0.018603	0.285825	-3.49865	7.68682	23.4559	2.7124	1
cg00187889	TAGAP;TAGAP;TAGAP	0.0159676	0.0357518	0.54109	-1.84812	0.0748904	0.607371	-1.64644	0.0821211	0.616231	-1.62277	0.403467	1.23972	1.23972	0.00119494	0.303145	-3.29875	0.724801	0.914989	-1.09291	0.111319	1.54645	1.54645	0.379842	1.25412	1.25412	0.111971	0.647243	-1.54501	5.07442	5.07741	0.889414	1
cg07516148	TAGAP;TAGAP;TAGAP	0.0356711	0.118635	0.344608	-2.90185	0.0181533	0.164622	-6.07453	0.0565291	0.257256	-3.88718	0.217186	0.441958	-2.26266	0.0153979	0.154123	-6.48833	0.253013	0.47198	-2.11874	0.00474475	0.0945489	-10.5765	0.132846	0.360656	-2.77273	0.0201922	0.171748	-5.82249	3.84061	24.0574	5.56796	1
cg05262335	TAGAP;TAGAP;TAGAP;TAGAP;TAGAP;TAGAP	0.0311196	0.0128771	0.123797	-8.07775	0.0250237	0.164686	-6.07216	0.0615029	0.240514	-4.15776	0.0497902	0.22008	-4.5438	0.0351484	0.190111	-5.26009	0.0835183	0.273664	-3.65412	0.0299884	0.177799	-5.62432	0.0145686	0.130617	-7.65596	0.0161456	0.136551	-7.3233	4.03389	29.2375	6.44265	1
cg15217044	TAGAP;TAGAP;TAGAP;TAGAP;TAGAP;TAGAP	0.0352503	0.0216055	0.0726107	-13.7721	0.0472518	0.115526	-8.65606	0.0425362	0.108573	-9.21036	0.0602087	0.133298	-7.50197	0.0588403	0.1315	-7.60458	0.129959	0.211169	-4.73554	0.0164649	0.0616505	-16.2205	0.011721	0.0501019	-19.9593	0.0176345	0.0642623	-15.5612	3.85717	55.2148	12.7243	1
cg22698489	TAGLN2	3.63E-05	3.65E-05	0.112951	-8.85343	9.82E-06	0.0737332	-13.5624	0.000107622	0.15361	-6.51001	0.000181825	0.17608	-5.67923	0.000131448	0.161965	-6.17419	0.000448258	0.219005	-4.5661	7.28E-05	0.138033	-7.24463	0.000256309	0.191777	-5.2144	0.00136976	0.279692	-3.57536	28.9608	34.5163	1.0594	1
cg13892570	TAGLN2	0.00265217	0.00568594	0.273676	-3.65395	0.00202441	0.21114	-4.7362	0.000683913	0.156724	-6.38064	0.00722054	0.289813	-3.4505	0.118789	0.546143	-1.83102	0.010581	0.317062	-3.15396	0.00114478	0.181202	-5.5187	0.00560107	0.272683	-3.66726	0.089716	0.51259	-1.95088	8.87611	17.9409	1.79667	1
cg21571466	TAGLN2	0.00560529	0.291217	0.825209	-1.21181	0.0126479	0.580574	-1.72243	0.102391	0.730857	-1.36826	0.272297	1.22194	1.22194	0.107412	1.36101	1.36101	0.180958	0.779458	-1.28294	0.0208478	1.62881	1.62881	0.000558112	0.390986	-2.55764	0.864502	0.970484	-1.03041	7.08615	3.45328	0.433181	1
cg13562386	TAGLN2	0.00634635	0.0661523	0.607028	-1.64737	0.000206886	0.222076	-4.50296	0.00886627	0.446306	-2.24062	0.0191761	0.503402	-1.98649	0.0345375	0.55046	-1.81666	0.0334685	0.547855	-1.8253	0.0502794	0.582469	-1.71683	0.0318203	0.543695	-1.83927	0.0500811	0.582123	-1.71785	6.81977	6.33561	0.825784	1
cg16107628	TAGLN2	0.00979875	0.080855	0.419576	-2.38336	0.0752227	0.411166	-2.43211	0.0021557	0.144777	-6.90719	0.023061	0.295456	-3.38459	0.472029	0.720219	-1.38847	0.0969544	0.441593	-2.26453	0.0144196	0.258494	-3.86857	0.000785536	0.102534	-9.75288	0.0884631	0.43032	-2.32385	5.94915	18.9652	2.83368	1
cg15641364	TAGLN2	0.0130056	0.044411	0.243936	-4.09944	0.206939	0.443362	-2.2555	0.018914	0.176014	-5.68136	0.0512884	0.257633	-3.88149	0.0181811	0.17334	-5.769	0.117248	0.353525	-2.82866	0.000462436	0.0344876	-28.9959	0.124134	0.361478	-2.76642	0.033598	0.219397	-4.55795	5.42938	32.1133	5.25753	1
cg03651478	TAGLN2	0.015814	0.00971921	0.166372	-6.01064	0.00212629	0.0937119	-10.671	0.0347474	0.259343	-3.85589	0.0344936	0.258695	-3.86555	0.0129435	0.184228	-5.42805	0.0515236	0.296598	-3.37157	0.019456	0.212466	-4.70664	0.0358233	0.262057	-3.81597	0.0922565	0.361984	-2.76255	5.09074	24.2432	4.23309	1
cg16015499	TAGLN2	0.0186094	0.00149933	2.56591	2.56591	0.22611	1.29917	1.29917	0.500432	0.868633	-1.15123	0.00523467	2.13499	2.13499	0.49828	1.15207	1.15207	0.230426	1.29573	1.29573	0.0176243	1.81226	1.81226	0.0651621	1.53165	1.53165	0.394974	1.19649	1.19649	4.82076	3.23734	0.596925	1
cg19824689	TAGLN3;TAGLN3	0.0049827	0.00125258	0.245708	-4.06988	0.109704	0.59489	-1.68098	0.00478318	0.327773	-3.05089	0.753511	1.09837	1.09837	0.00656119	0.349354	-2.86243	0.131679	0.615887	-1.62367	0.000721578	0.216039	-4.6288	0.554582	0.836917	-1.19486	0.275269	0.713142	-1.40224	7.34636	10.3221	1.24894	1
cg27327647	TAGLN3;TAGLN3;TAGLN3	0.0177972	0.00900441	7.82825	7.82825	0.0568832	3.80115	3.80115	0.0179298	5.94428	5.94428	0.369255	1.77073	1.77073	0.0306312	4.82475	4.82475	0.14562	0.379784	-2.63308	0.548801	1.45633	1.45633	0.00340918	11.7753	11.7753	0.178042	2.42731	2.42731	4.89373	29.7587	5.40533	1
cg03449660	TAGLN3;TAGLN3;TAGLN3	0.0199762	0.0166572	10.8546	10.8546	0.0375306	7.16	7.16	0.0184515	10.2942	10.2942	0.206937	2.96146	2.96146	0.0657966	5.38692	5.38692	0.0634556	0.182252	-5.48691	0.0811503	4.84148	4.84148	0.00709804	17.0689	17.0689	0.232311	2.77806	2.77806	4.70646	49.597	9.36716	1
cg20126106	TAGLN3;TAGLN3;TAGLN3;TAGLN3	0.0103355	0.850251	1.02241	1.02241	0.00103212	1.7684	1.7684	0.00395513	1.57539	1.57539	0.442936	0.912351	-1.09607	0.105823	1.23017	1.23017	0.00966566	1.46808	1.46808	0.501194	0.923067	-1.08334	0.312549	1.13031	1.13031	0.139764	1.20481	1.20481	5.84848	1.27363	0.193575	1
cg14098532	TAGLN3;TAGLN3;TAGLN3;TAGLN3;TAGLN3	8.95E-05	0.760413	0.945387	-1.05777	0.381202	1.1793	1.1793	4.64E-05	4.10281	4.10281	7.46E-06	0.163554	-6.1142	0.37329	0.8455	-1.18273	0.00224574	0.455893	-2.1935	0.854098	0.966763	-1.03438	0.634309	0.915769	-1.09198	0.957844	0.990341	-1.00975	22.8036	12.1773	0.474672	1
cg12051762	TAGLN;TAGLN	0.00129582	0.0430998	0.286084	-3.49548	0.00549528	7.12025	7.12025	0.241748	1.93266	1.93266	0.426403	1.54762	1.54762	0.0182566	0.214236	-4.66775	0.0476311	3.38072	3.38072	8.49E-05	0.0224141	-44.6147	0.92883	0.953098	-1.04921	0.507809	0.696775	-1.43518	10.9291	50.0524	4.07087	1
cg06950730	TAGLN;TAGLN	0.0048399	0.0697456	0.655113	-1.52645	0.00575361	2.1271	2.1271	0.0491375	1.59736	1.59736	0.00723338	0.485422	-2.06007	0.00519027	0.46332	-2.15833	0.0454983	0.619826	-1.61336	0.0639555	0.647781	-1.54373	0.651392	1.0995	1.0995	0.0993136	0.686076	-1.45756	7.41179	5.10501	0.612238	1
cg11861562	TAGLN;TAGLN	0.00530118	0.0156527	0.270597	-3.69553	0.0173197	3.59192	3.59192	0.198168	1.82205	1.82205	0.272065	1.65591	1.65591	0.0107551	0.243227	-4.11138	0.0452023	2.75558	2.75558	0.00192372	0.14413	-6.93816	0.867657	1.07635	1.07635	0.651308	0.818152	-1.22227	7.2085	22.2182	2.73976	1
cg26566898	TAGLN;TAGLN	0.00647031	0.0805364	0.475632	-2.10247	0.0144962	3.1733	3.1733	0.0921674	2.03537	2.03537	0.129006	1.87557	1.87557	0.0433332	0.410268	-2.43743	0.00808173	3.67101	3.67101	0.00408326	0.228206	-4.382	0.293539	1.5185	1.5185	0.5618	1.25219	1.25219	6.77899	15.7804	2.06919	1
cg10130564	TAGLN;TAGLN	0.0179748	0.051303	0.224461	-4.45511	0.0024428	17.1009	17.1009	0.176534	2.63087	2.63087	0.285819	2.10924	2.10924	0.129735	0.332195	-3.01028	0.0239203	6.13613	6.13613	0.167852	0.371709	-2.69027	0.590789	1.44117	1.44117	0.736385	1.25544	1.25544	4.87742	35.016	6.3815	1
cg22692511	TAGLN;TAGLN	0.0297302	0.0574166	0.330097	-3.02941	0.153125	2.20114	2.20114	0.489379	1.43644	1.43644	0.163975	2.15104	2.15104	0.0867523	0.376962	-2.65279	0.0295892	3.74704	3.74704	0.014433	0.211224	-4.73431	0.161162	2.16363	2.16363	0.712608	1.21022	1.21022	4.09996	17.2704	3.7443	1
cg03276022	TAGLN;TAGLN	0.0346004	0.0836901	0.388288	-2.57541	0.133854	2.22329	2.22329	0.231917	1.85817	1.85817	0.186124	1.99916	1.99916	0.0385208	0.305868	-3.26938	0.0401842	3.2272	3.2272	0.0301468	0.28364	-3.5256	0.226117	1.8741	1.8741	0.527718	1.37189	1.37189	3.88322	15.02	3.43815	1
cg16524733	TAGLN;TAGLN;TAGLN;TAGLN	0.00241984	0.0191323	0.296781	-3.36949	0.0110856	3.91399	3.91399	0.118118	2.06875	2.06875	0.207414	1.76749	1.76749	0.00406403	0.191569	-5.22005	0.0305063	2.97191	2.97191	0.001311	0.134788	-7.41903	0.200262	1.78541	1.78541	0.241064	1.69179	1.69179	9.11902	26.5089	2.584	1
cg01147107	TAL1	0.000209173	0.024229	0.712339	-1.40383	0.00929718	1.51685	1.51685	0.252404	1.16294	1.16294	0.332006	0.881296	-1.13469	0.013697	0.680521	-1.46946	0.291115	1.14834	1.14834	0.00386251	0.611732	-1.6347	8.80E-06	3.37972	3.37972	0.909857	0.985802	-1.0144	18.149	4.58222	0.224424	1
cg03752218	TAL1	0.00150221	0.283197	1.32982	1.32982	0.389402	1.25292	1.25292	0.323042	1.29815	1.29815	0.851423	1.0491	1.0491	0.851362	0.953178	-1.04912	0.603632	1.14328	1.14328	0.0361947	0.536503	-1.86392	1.88E-05	9.26435	9.26435	0.316694	1.30293	1.30293	10.4751	10.8418	0.920002	1
cg18131548	TAL1	0.00253993	0.00664636	2.85888	2.85888	0.0397601	0.492132	-2.03197	0.196855	1.50218	1.50218	0.91174	0.967473	-1.03362	0.150806	0.631786	-1.58281	0.0891274	0.571712	-1.74913	0.55934	0.838559	-1.19252	0.000135556	7.1727	7.1727	0.97477	1.00948	1.00948	8.99001	12.6636	1.25211	1
cg00408773	TAL1	0.00339401	0.153423	1.54639	1.54639	0.118392	0.616639	-1.62169	0.378649	0.772913	-1.29381	0.00132045	3.79029	3.79029	0.361257	1.30688	1.30688	0.0171576	0.436784	-2.28946	0.00114829	0.255913	-3.90757	0.134391	1.58461	1.58461	0.644731	1.14158	1.14158	8.24931	10.6257	1.14495	1
cg06209689	TAL1	0.00374603	0.0499552	1.7593	1.7593	0.189485	0.70384	-1.42078	0.190217	0.704296	-1.41986	0.0307134	1.89905	1.89905	0.00585484	0.401893	-2.48822	0.161295	0.685218	-1.45939	0.0450935	1.78779	1.78779	0.000755299	3.63535	3.63535	0.934644	0.979489	-1.02094	8.00902	8.0993	0.898909	1
cg02235261	TAL1	0.00774394	0.394269	1.45226	1.45226	0.461451	0.72572	-1.37794	0.119161	0.485217	-2.06093	0.817528	1.10387	1.10387	0.795563	1.11742	1.11742	0.00553272	0.210358	-4.7538	0.0002296	0.0730692	-13.6857	0.715957	1.16913	1.16913	0.717236	0.855971	-1.16826	6.40935	18.5607	2.57412	1
cg16006738	TAL1	0.0108533	0.418489	0.721341	-1.38631	0.0339534	0.376011	-2.65949	0.00685905	0.25074	-3.9882	0.00963876	0.274043	-3.64906	0.162792	0.555053	-1.80163	0.0122898	0.29169	-3.4283	0.0126974	0.294126	-3.39991	0.00497518	0.230149	-4.34501	0.00472997	0.227026	-4.40478	5.75735	14.2349	2.19776	1
cg01001098	TAL1	0.0151633	0.105498	1.27272	1.27272	0.271266	0.855407	-1.16903	0.4167	1.11984	1.11984	0.709373	1.05238	1.05238	0.336227	1.14478	1.14478	0.326439	1.14815	1.14815	0.00102408	0.51491	-1.94209	0.115189	1.26308	1.26308	0.0364578	1.3931	1.3931	5.16217	1.52022	0.261771	1
cg07087686	TAL1	0.0162175	0.243618	0.753792	-1.32663	0.00127521	0.336697	-2.97003	0.0175803	0.512062	-1.95289	0.0177573	0.512818	-1.95001	0.169545	0.712477	-1.40355	0.0306829	0.555352	-1.80066	0.0317245	0.558038	-1.79199	0.374786	1.23497	1.23497	0.424094	0.82768	-1.2082	5.04826	4.29119	0.755586	1
cg00454749	TAL1	0.0262844	0.94802	0.977355	-1.02317	0.583418	1.21479	1.21479	0.0441927	0.443896	-2.25278	0.285616	0.677313	-1.47642	0.00128324	0.19222	-5.20238	0.398827	0.738251	-1.35455	0.665453	1.16514	1.16514	0.011304	0.328067	-3.04816	0.356895	0.716845	-1.395	4.28176	8.37012	1.73763	1
cg03885399	TAL1	0.0453174	0.00711648	0.44993	-2.22257	0.0909848	1.53375	1.53375	0.0447924	0.589108	-1.69748	0.279454	0.772355	-1.29474	0.838007	1.04815	1.04815	0.367464	1.23699	1.23699	0.0803698	0.64045	-1.5614	0.916492	0.976193	-1.02439	0.280251	1.29414	1.29414	3.51626	2.93903	0.74297	1
cg06119575	TAL2	0.0299197	0.017046	0.611782	-1.63457	0.186701	0.789418	-1.26676	0.154986	0.773276	-1.2932	0.745748	1.0565	1.0565	0.00393269	0.5192	-1.92604	0.515254	0.894524	-1.11791	0.506197	1.12069	1.12069	0.0486718	1.46288	1.46288	0.922416	1.01659	1.01659	4.09072	1.84901	0.401779	1
cg14797990	TAL2	0.0389336	0.192814	0.561888	-1.77971	0.0126818	0.273701	-3.65362	0.00621368	0.224916	-4.44611	0.333315	0.658772	-1.51798	0.0141698	0.28199	-3.54622	0.168799	0.541599	-1.84638	0.0648049	0.420047	-2.38069	0.854911	1.07956	1.07956	0.0581508	0.408376	-2.44872	3.71991	10.3058	2.46261	1
cg07199862	TALDO1	0.00158391	0.514695	1.17846	1.17846	0.947438	1.01652	1.01652	0.0181975	0.490368	-2.03929	0.000901046	3.43736	3.43736	0.00642591	0.414357	-2.41338	0.0209652	1.9944	1.9944	0.00456206	2.55699	2.55699	0.0205236	2.00107	2.00107	0.00974991	2.25332	2.25332	10.3165	10.0929	0.869625	1
cg26488636	TALDO1	0.00300002	0.149875	0.856472	-1.16758	0.549832	0.941082	-1.06261	0.00651702	0.701306	-1.42591	0.18596	0.868716	-1.15112	0.0519057	1.24855	1.24855	0.060521	0.808637	-1.23665	9.05E-05	0.495378	-2.01866	0.636284	1.04897	1.04897	0.594869	0.947558	-1.05534	8.55814	1.3652	0.141796	1
cg18089519	TALDO1	0.0200171	0.0307216	4.05797	4.05797	0.646961	1.28981	1.28981	0.00406627	8.40255	8.40255	0.141	2.396	2.396	0.242975	0.509504	-1.96269	0.0152973	0.19333	-5.1725	0.135119	2.43257	2.43257	0.19894	2.11518	2.11518	0.593689	1.34607	1.34607	4.7032	22.6881	4.28798	1
cg15498283	TALDO1	0.0303785	0.18134	1.20663	1.20663	0.673282	1.05774	1.05774	0.648171	0.941001	-1.0627	0.514998	0.91632	-1.09132	0.988814	0.998146	-1.00186	0.536035	1.08648	1.08648	0.000679462	0.502892	-1.9885	0.145485	0.813105	-1.22985	0.9186	0.98656	-1.01362	4.06866	1.12903	0.246662	1
cg03188793	TALDO1	0.0401506	0.0181641	0.138954	-7.19661	0.242621	0.43111	-2.3196	0.318549	0.491972	-2.03264	0.0329592	0.17976	-5.56297	0.00584636	0.0835029	-11.9756	0.021874	0.150652	-6.6378	0.0477436	0.210638	-4.74748	0.948762	1.04521	1.04521	0.102942	0.293012	-3.41283	3.67804	27.579	6.66515	1
cg08037817	TALDO1	0.0485102	0.43841	0.918642	-1.08856	0.483883	1.07938	1.07938	0.13328	1.18992	1.18992	0.199205	0.864466	-1.15678	0.219974	1.14852	1.14852	0.050669	1.27008	1.27008	0.0153787	0.726632	-1.37621	0.59776	1.05883	1.05883	0.042593	1.28487	1.28487	3.42724	0.625705	0.162283	1
cg07454558	TANC1;TANC1	0.00308086	0.000222894	0.154978	-6.45253	0.0457317	0.499115	-2.00354	?	?	?	0.0307256	0.463023	-2.15972	0.0310717	0.464005	-2.15515	0.00379212	0.305794	-3.27018	0.00282494	0.287141	-3.48261	0.350496	0.747103	-1.3385	0.0275804	0.45364	-2.20439	8.67971	11.2477	1.29587	1
cg22007260	TANC1;TANC1	0.00741453	0.6331	1.06252	1.06252	0.365068	0.889263	-1.12453	0.976132	1.00378	1.00378	0.000379023	2.0464	2.0464	0.525013	0.921984	-1.08462	0.0803589	1.27712	1.27712	0.00222153	1.71676	1.71676	0.840058	0.97484	-1.02581	0.311225	1.14124	1.14124	6.49728	1.63639	0.223873	1
cg16891298	TANC1;TANC1	0.0141987	0.0561714	0.72252	-1.38405	0.974079	1.00489	1.00489	0.0263224	1.48573	1.48573	0.635787	0.930817	-1.07432	0.815861	0.965553	-1.03568	0.0383603	1.4342	1.4342	0.022404	1.5085	1.5085	0.387334	0.87533	-1.14243	0.0023459	1.89285	1.89285	5.27537	1.88675	0.317914	1
cg14514716	TANC1;TANC1	0.0170043	0.0169763	0.225258	-4.43936	0.00251345	0.116664	-8.5716	0.0059806	0.15888	-6.29405	0.574328	0.747844	-1.33718	0.0329485	0.278862	-3.586	0.0472362	0.312741	-3.19754	0.0200756	0.237857	-4.2042	0.0413204	0.299715	-3.33651	0.13465	0.437884	-2.28371	4.96906	20.6287	3.69016	1
cg25032991	TANC1;TANC1	0.022123	0.0109705	0.110644	-9.038	0.0234874	0.15468	-6.46496	0.0235214	0.154777	-6.46091	0.0962446	0.283728	-3.5245	0.161697	0.356768	-2.80294	0.0755305	0.255498	-3.91392	0.0047886	0.0755941	-13.2285	0.886622	1.1034	1.1034	0.0116491	0.113655	-8.79853	4.54523	34.2438	6.69689	1
cg15677985	TANC1;TANC1	0.0242522	0.179794	0.846873	-1.18081	0.0404268	0.758702	-1.31804	0.0439633	0.763327	-1.31005	0.326733	0.88859	-1.12538	0.0120807	0.694141	-1.44063	0.121305	1.21649	1.21649	0.0165948	0.710828	-1.40681	0.320227	1.1273	1.1273	0.0279705	0.738657	-1.35381	4.40342	0.949179	0.191605	1
cg01396143	TANC1;TANC1	0.0269532	0.297939	1.20612	1.20612	0.528912	1.11717	1.11717	0.405966	0.862717	-1.15913	0.279907	0.82275	-1.21544	0.0666558	1.42928	1.42928	0.0743464	1.41248	1.41248	0.00210775	0.471881	-2.11918	0.728308	0.941226	-1.06244	0.209358	1.25837	1.25837	4.24425	2.0279	0.424711	1
cg10279072	TANC1;TANC1	0.0451831	0.687111	1.12777	1.12777	0.0336083	0.478515	-2.0898	0.219341	0.681409	-1.46755	0.236419	1.44545	1.44545	0.422048	1.27578	1.27578	0.943952	0.979337	-1.0211	0.713908	0.896419	-1.11555	0.00291283	3.36988	3.36988	0.754936	1.09745	1.09745	3.52017	4.9168	1.24156	1
cg27059302	TANC2	0.000151546	0.000437653	0.341671	-2.92679	0.000296334	0.320217	-3.12288	0.629135	0.910231	-1.09862	0.0399952	1.58216	1.58216	0.000405636	0.337448	-2.96342	0.539226	1.12766	1.12766	0.143281	0.737853	-1.35528	0.502972	0.876879	-1.14041	1.45E-05	0.174875	-5.71836	19.8021	11.7159	0.525911	1
cg24792209	TANC2	0.0110293	0.066336	1.47641	1.47641	0.502285	0.879131	-1.13749	0.19642	1.29489	1.29489	0.274969	1.23972	1.23972	0.371235	1.1897	1.1897	0.000439076	0.349699	-2.8596	0.108436	1.39278	1.39278	0.372173	0.840849	-1.18927	0.705396	1.0745	1.0745	5.72761	3.24696	0.503907	1
cg07102474	TANC2	0.0121293	0.0942141	0.678764	-1.47327	0.719674	0.92691	-1.07885	0.156497	0.726731	-1.37603	0.683571	0.917316	-1.09014	0.0086107	0.493831	-2.02499	0.210758	0.757517	-1.3201	0.000931833	0.353221	-2.83109	0.624916	1.10934	1.10934	0.00403646	0.443389	-2.25536	5.55414	3.90142	0.624386	1
cg21848407	TANC2	0.0132323	0.57	0.844739	-1.1838	0.00311434	0.304709	-3.28182	0.0319998	0.477857	-2.09268	0.468294	0.805026	-1.2422	0.00933767	0.37946	-2.63532	0.0110864	0.392158	-2.54999	0.00329342	0.308263	-3.24398	0.430509	0.789394	-1.26679	0.0407209	0.499392	-2.00243	5.3988	7.38591	1.21606	1
cg24688343	TANC2	0.0395061	0.313732	0.531952	-1.87987	0.00248334	0.0782797	-12.7747	0.0127554	0.153423	-6.51791	0.86354	1.10984	1.10984	0.0888842	0.320841	-3.11681	0.161458	0.404186	-2.47411	0.0420403	0.241894	-4.13404	0.2779	0.504814	-1.98093	0.888006	0.918178	-1.08911	3.70002	21.5066	5.16674	1
cg09822726	TANC2	0.0465783	0.19748	0.574037	-1.74205	0.0413547	0.383398	-2.60825	0.0273055	0.345049	-2.89814	0.0336645	0.36392	-2.74786	0.0845567	0.459638	-2.17563	0.0469889	0.395992	-2.52531	0.079325	0.452211	-2.21136	0.0960483	2.10581	2.10581	0.211895	0.585204	-1.70881	3.48021	9.15001	2.33703	1
cg10514237	TANK	0.00398137	0.0301736	0.521882	-1.91614	0.0410147	0.547956	-1.82496	0.00662244	0.406914	-2.45752	0.793635	0.935308	-1.06917	0.00133645	0.304348	-3.28571	0.00160206	0.315136	-3.17323	0.00113609	0.294853	-3.39152	0.870021	0.959083	-1.04266	0.0487361	0.563136	-1.77577	7.86355	8.10501	0.916184	1
cg19311431	TANK	0.0254983	0.0339705	0.312475	-3.20025	0.0143775	0.242206	-4.12871	0.0309007	0.303925	-3.29029	0.51947	0.735745	-1.35917	0.0193105	0.264554	-3.77994	0.0503893	0.350611	-2.85216	0.00590051	0.184	-5.43478	0.500444	1.37906	1.37906	0.0899434	0.41547	-2.40692	4.3274	15.1356	3.10901	1
cg13701159	TANK;TANK	0.00879623	0.0223102	0.750818	-1.33188	0.00817478	0.701725	-1.42506	0.00985464	0.710802	-1.40686	0.0500621	0.791494	-1.26343	0.0369171	0.775974	-1.2887	0.0195972	0.744417	-1.34333	0.0220449	0.750226	-1.33293	0.00096742	0.598051	-1.6721	0.0160533	0.734615	-1.36126	6.15692	1.06804	0.154196	1
cg27447753	TANK;TANK	0.0145691	0.00453634	0.129519	-7.72087	0.00551484	0.139199	-7.18398	0.00929865	0.168025	-5.95148	0.0260184	0.239784	-4.17043	0.0259058	0.239432	-4.17656	0.053335	0.305299	-3.27548	0.260895	0.530563	-1.88479	0.018834	0.214805	-4.65539	0.0201461	0.219809	-4.5494	5.23081	24.2056	4.11333	1
cg19098421	TANK;TANK	0.0156389	0.00120929	0.313006	-3.19483	0.609475	0.88138	-1.13458	0.352275	0.79089	-1.2644	0.0324642	0.541412	-1.84702	0.00242824	0.355387	-2.81383	0.920938	1.02463	1.02463	0.182348	0.706895	-1.41464	0.683166	1.1058	1.1058	0.757529	0.926913	-1.07885	5.1096	4.86077	0.845602	1
cg19914919	TANK;TANK	0.0207179	0.00778174	0.208454	-4.79722	0.0807953	0.411265	-2.43152	0.00234633	0.142505	-7.0173	0.0359815	0.326472	-3.06305	0.0244483	0.292239	-3.42185	0.0326294	0.317475	-3.14985	0.635469	0.80322	-1.24499	0.119029	0.460077	-2.17355	0.037004	0.329094	-3.03864	4.64843	15.5018	2.96432	1
cg00040047	TANK;TANK	0.0226094	0.0597224	0.711896	-1.4047	0.0570299	1.41116	1.41116	0.0824492	1.36025	1.36025	0.237227	0.82033	-1.21902	0.024322	0.650964	-1.53618	0.329174	0.851233	-1.17477	0.144986	1.28447	1.28447	0.0398568	0.683863	-1.46228	0.0383819	0.681304	-1.46777	4.51139	1.82776	0.360128	1
cg21800704	TAOK1	0.00389593	0.261007	1.31922	1.31922	0.71532	0.917076	-1.09042	0.0475282	1.70855	1.70855	0.587213	0.878498	-1.13831	0.540465	0.86377	-1.15772	8.76E-05	0.18976	-5.2698	0.417568	0.822194	-1.21626	0.752686	1.07757	1.07757	0.0916299	1.55108	1.55108	7.91509	7.00131	0.786269	1
cg26675906	TAOK1	0.00635841	0.00169404	0.111054	-9.00459	0.0383792	0.308588	-3.24057	0.0496758	0.333798	-2.99582	0.0660371	0.364031	-2.74702	0.00371101	0.146449	-6.8283	0.00476331	0.159372	-6.27461	0.00344414	0.14275	-7.00528	0.465591	0.694972	-1.43891	0.00857147	0.193362	-5.17166	6.81576	25.9207	3.38049	1
cg25709789	TAOK1	0.00818386	0.612634	0.906122	-1.1036	0.0923241	1.43005	1.43005	0.824631	0.958054	-1.04378	0.0883989	1.4376	1.4376	0.000496304	0.349088	-2.86461	0.14953	0.742034	-1.34765	0.021746	0.587521	-1.70207	0.261569	1.25364	1.25364	0.146638	0.740223	-1.35094	6.29891	3.71903	0.524821	1
cg18830251	TAOK1	0.010303	0.0302356	0.264002	-3.78785	0.0246569	4.0492	4.0492	0.0092814	5.61492	5.61492	0.782769	1.15542	1.15542	0.785769	1.15305	1.15305	0.190093	2.06551	2.06551	0.00258164	0.112657	-8.87649	0.655753	0.790945	-1.26431	0.544341	1.37815	1.37815	5.85439	25.333	3.84638	1
cg19738305	TAOK1	0.0109528	0.0410247	0.626625	-1.59585	0.700024	1.07977	1.07977	0.0492277	0.640845	-1.56044	0.162836	1.34355	1.34355	0.415432	1.1794	1.1794	0.077364	1.47581	1.47581	0.00191738	0.418584	-2.38901	0.245945	1.27194	1.27194	0.0239031	0.586119	-1.70614	5.74046	3.57248	0.553185	1
cg17235374	TAOK1	0.0235704	0.00778116	0.514246	-1.94459	0.126712	0.725062	-1.37919	0.0816735	0.686928	-1.45576	0.189549	0.763036	-1.31055	0.014635	0.557094	-1.79503	0.698355	0.92701	-1.07874	0.00141473	0.406921	-2.45748	0.235515	0.785091	-1.27374	0.256789	0.794255	-1.25904	4.4471	2.66773	0.533227	1
cg15702825	TAOK1	0.0312711	0.783255	1.0981	1.0981	0.567074	1.21694	1.21694	0.0225342	2.52745	2.52745	0.554297	0.81628	-1.22507	0.792157	1.09377	1.09377	0.00288088	0.248823	-4.01892	0.0845293	1.91082	1.91082	0.249591	0.664735	-1.50436	0.500676	1.26109	1.26109	4.0269	7.34554	1.62144	1
cg09251197	TAOK2	0.000703141	0.00165713	1.94483	1.94483	0.0399569	0.704083	-1.42029	0.580895	0.920903	-1.08589	0.228684	1.20525	1.20525	0.000111351	0.366324	-2.72983	0.0217489	0.665622	-1.50235	0.00330765	1.80622	1.80622	0.321558	0.859562	-1.16338	0.22173	0.827132	-1.209	12.9946	4.49414	0.307418	1
cg07745929	TAOK2	0.0473953	0.354124	1.36814	1.36814	0.572963	0.829212	-1.20596	0.939059	1.02546	1.02546	0.0542475	0.487613	-2.05081	0.00170421	0.229199	-4.36302	0.979762	0.991694	-1.00838	0.905877	0.961855	-1.03966	0.571772	1.20668	1.20668	0.110762	0.56477	-1.77063	3.45748	5.9198	1.52193	1
cg01155258	TAOK2;TAOK2	0.000405269	0.140226	0.788167	-1.26877	0.00515723	1.74033	1.74033	0.138786	1.27003	1.27003	0.09336	0.758153	-1.31899	1.82E-05	0.269461	-3.71111	0.481745	1.11323	1.11323	0.00333165	1.82109	1.82109	0.622118	1.07737	1.07737	0.605272	0.924768	-1.08135	15.1454	5.39803	0.316811	1
cg08514304	TAOK2;TAOK2	0.00212521	0.831233	1.0497	1.0497	0.0968188	0.660851	-1.5132	0.0201877	1.89014	1.89014	7.91E-05	0.197649	-5.05948	0.0687842	0.629473	-1.58863	0.54791	0.870938	-1.14819	0.0055111	0.436431	-2.29131	0.625251	1.11836	1.11836	0.557774	0.873964	-1.14421	9.47259	7.74811	0.727067	1
cg10316764	TAOK2;TAOK2	0.00400466	0.0100611	4.92072	4.92072	0.795138	1.13615	1.13615	0.0706616	2.69379	2.69379	0.0493913	3.00471	3.00471	0.320771	1.6541	1.6541	0.0561713	2.88924	2.88924	0.00030834	17.6943	17.6943	0.00427806	6.51942	6.51942	0.00158322	9.25272	9.25272	7.84974	29.919	3.38797	1
cg04166335	TAOK2;TAOK2	0.00597513	0.00217515	0.227025	-4.4048	0.123568	0.562696	-1.77716	0.789019	0.911689	-1.09687	0.00502135	0.278163	-3.59502	0.00115829	0.192971	-5.18213	0.193656	0.622422	-1.60663	0.00386513	0.2614	-3.82555	0.622966	1.18629	1.18629	0.348765	0.717102	-1.3945	6.94806	13.0775	1.67304	1
cg01682070	TAOK2;TAOK2	0.00761164	0.790335	0.946903	-1.05607	0.0382423	0.61158	-1.63511	0.0227046	0.572115	-1.7479	0.218664	0.767287	-1.30329	0.269492	0.790223	-1.26547	0.020535	0.564748	-1.7707	0.000484146	0.326197	-3.06563	0.17527	0.744433	-1.3433	0.00176546	0.401725	-2.48926	6.4441	4.27838	0.590153	1
cg26437451	TAOK2;TAOK2	0.0190696	0.0407497	0.722128	-1.3848	0.380686	1.13194	1.13194	0.01202	0.649374	-1.53995	0.917845	1.01432	1.01432	0.0548365	0.740714	-1.35005	0.38217	1.13148	1.13148	0.00803464	1.59687	1.59687	0.545639	1.08795	1.08795	0.1274	1.25508	1.25508	4.78115	1.43837	0.267414	1
cg10017411	TAOK2;TAOK2	0.0247601	0.101957	1.27307	1.27307	0.361384	1.1349	1.1349	0.294038	1.15811	1.15811	0.168342	1.21895	1.21895	0.0324525	1.4017	1.4017	0.000750754	1.99283	1.99283	0.0214833	1.45142	1.45142	0.956934	0.992743	-1.00731	0.218437	1.19076	1.19076	4.37186	1.2595	0.256082	1
cg07351059	TAOK2;TAOK2	0.0395632	0.916475	1.04239	1.04239	0.152015	1.83557	1.83557	0.294721	1.53742	1.53742	0.191532	0.578536	-1.7285	0.00117233	0.151802	-6.58751	0.64746	1.19989	1.19989	0.73547	1.14363	1.14363	0.781407	0.89575	-1.11638	0.643207	0.831419	-1.20276	3.69805	9.17441	2.20522	1
cg00843885	TAOK2;TAOK2;TAOK2;TAOK2	0.0459767	0.873445	0.96706	-1.03406	0.0607791	1.55917	1.55917	0.564806	1.13009	1.13009	0.596689	1.11875	1.11875	0.933727	0.982676	-1.01763	0.357307	0.819615	-1.22009	0.017147	0.54314	-1.84115	0.796642	0.947184	-1.05576	0.00664666	2.09613	2.09613	3.49725	2.4455	0.621567	1
cg10934821	TAOK3	0.000264819	0.00839399	0.406144	-2.46218	0.976271	0.992072	-1.00799	0.393543	1.2635	1.2635	0.88985	1.03778	1.03778	0.807214	0.93667	-1.06761	0.00326855	0.342006	-2.92393	4.52E-06	0.0595766	-16.7851	0.0995232	1.62113	1.62113	0.980662	1.00651	1.00651	17.0206	19.3045	1.00816	1
cg01431992	TAOK3	0.00140857	0.00405567	0.21325	-4.68932	0.000326928	0.0977664	-10.2285	0.0415289	0.390135	-2.56322	0.107562	0.494927	-2.0205	0.00293524	0.194729	-5.13533	0.0208395	0.328279	-3.04619	0.000581362	0.118773	-8.41942	0.16003	1.82425	1.82425	0.00641794	0.241723	-4.13697	10.6708	27.1052	2.25789	1
cg11645735	TAOK3	0.00195575	0.0405153	0.668447	-1.49601	0.00203248	0.476756	-2.09751	0.481917	0.885414	-1.12942	0.277221	1.21217	1.21217	0.000134116	0.324129	-3.08519	0.00688665	0.551192	-1.81425	?	?	?	0.0527189	0.687318	-1.45493	0.033752	0.65564	-1.52523	9.92721	4.05161	0.408132	1
cg01397701	TAOK3	0.00274255	0.333808	1.27684	1.27684	0.175845	0.702674	-1.42314	0.0292965	1.87663	1.87663	0.808462	0.942198	-1.06135	0.217066	0.727311	-1.37493	0.00257649	0.359005	-2.78548	0.000224404	0.221995	-4.5046	0.204481	0.72017	-1.38856	0.0981398	1.56013	1.56013	8.7887	8.36602	0.846139	1
cg11854356	TAOK3	0.00278211	0.0222319	0.808358	-1.23707	0.881125	0.988451	-1.01168	0.0532373	0.84326	-1.18587	0.0880223	0.864033	-1.15736	0.00581732	0.755498	-1.32363	0.121192	1.13934	1.13934	0.000528658	1.52053	1.52053	0.0530645	1.18606	1.18606	0.297639	0.919601	-1.08743	8.75155	0.835254	0.0848361	1
cg03812546	TAOK3	0.0151171	0.0828324	0.739098	-1.353	0.214894	0.814243	-1.22813	0.204004	0.809768	-1.23492	0.632855	1.0787	1.0787	0.000858838	0.454797	-2.19878	0.603565	0.920849	-1.08595	0.143253	1.28095	1.28095	0.0969308	1.33214	1.33214	0.178169	1.25256	1.25256	5.16739	2.02761	0.348787	1
cg07931460	TAOK3	0.0294399	0.685359	1.11098	1.11098	0.41543	1.23994	1.23994	0.161878	1.47095	1.47095	0.203843	0.707162	-1.4141	0.441824	0.816581	-1.22462	0.00116547	0.291761	-3.42746	0.47923	0.830404	-1.20423	0.265488	1.3496	1.3496	0.235106	1.37922	1.37922	4.11424	4.34973	0.939766	1
cg16301036	TAOK3	0.0408747	0.182787	0.441974	-2.26257	0.00106364	0.0611558	-16.3517	0.0425481	0.259568	-3.85256	0.206067	0.462856	-2.1605	0.183248	0.4424	-2.2604	0.329852	0.559473	-1.7874	0.100882	0.354255	-2.82283	0.74825	1.2044	1.2044	0.313017	0.547329	-1.82706	3.65387	19.303	4.6959	1
cg20353780	TAOK3	0.0464163	0.488504	1.32253	1.32253	0.280932	0.640704	-1.56078	0.405009	0.712875	-1.40277	0.19522	1.72327	1.72327	0.282796	0.641894	-1.55789	0.239328	1.63148	1.63148	0.0497913	2.43243	2.43243	0.00303575	5.01997	5.01997	0.319579	1.50469	1.50469	3.48477	8.70918	2.22152	1
cg02424630	TAOK3;TAOK3	0.00279806	0.602737	1.20201	1.20201	0.441663	1.31641	1.31641	0.838223	1.07426	1.07426	0.000179352	0.10829	-9.23449	0.000423029	0.141283	-7.07798	0.965139	1.01543	1.01543	0.12999	0.563769	-1.77378	0.262896	0.664311	-1.50532	0.817621	0.922249	-1.08431	8.73676	16.9895	1.72853	1
cg11969117	TAP1	6.62E-06	0.00183125	1.76079	1.76079	2.87E-06	4.18079	4.18079	0.000187597	0.446904	-2.23762	0.000131671	2.33453	2.33453	0.0355192	1.36721	1.36721	0.000120581	2.35985	2.35985	7.24E-06	3.54364	3.54364	0.0249529	0.71109	-1.40629	0.000148792	2.30019	2.30019	45.1364	11.6742	0.229905	1
cg08818207	TAP1	7.37E-06	1.59E-06	0.236251	-4.23278	0.00603698	0.651821	-1.53416	0.0364642	0.748192	-1.33655	3.36E-05	0.383146	-2.60997	0.498576	1.08543	1.08543	3.25E-05	0.381419	-2.62179	3.39E-05	0.383522	-2.60741	5.16E-06	0.290606	-3.44108	2.76E-05	0.373235	-2.67928	43.9051	9.90037	0.20044	1
cg24111025	TAP1	9.80E-06	5.04E-05	0.295181	-3.38775	0.00212744	0.500086	-1.99965	0.00523637	0.55366	-1.80616	0.00973711	0.591662	-1.69016	0.831751	0.966426	-1.03474	2.86E-05	0.267328	-3.74072	3.53E-07	0.0943631	-10.5974	0.350786	0.857142	-1.16667	2.28E-05	0.256445	-3.89947	40.7788	16.6405	0.362727	1
cg05262533	TAP1	1.88E-05	0.000639606	0.432165	-2.31393	0.00763139	1.73146	1.73146	0.000111267	0.336975	-2.96758	0.00855863	0.584599	-1.71058	8.56E-07	0.122662	-8.15251	0.863612	0.972858	-1.0279	0.00255446	1.95373	1.95373	0.133815	0.77199	-1.29535	0.541222	1.10405	1.10405	34.4433	13.9726	0.360595	1
cg06473288	TAP1	5.99E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02181298	TAP1	8.64E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05480625	TAP1	0.000115053	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20357228	TAP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26234900	TAP1	0.000477384	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17626301	TAP1	0.000603082	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25042789	TAP1	0.000859439	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10666909	TAP1	0.00108148	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01673307	TAP1	0.00111065	0.00111638	0.253924	-3.93819	0.0505613	0.529315	-1.88923	0.143853	0.638675	-1.56574	0.0539071	0.535363	-1.86789	0.355364	0.762271	-1.31187	0.00108197	0.252176	-3.96549	4.42E-05	0.109668	-9.11845	0.0493549	0.527054	-1.89734	0.00585941	0.357062	-2.80063	11.4209	14.7455	1.14764	1
cg20880499	TAP1	0.0011432	0.0268386	0.581185	-1.72062	0.746196	0.935003	-1.06951	0.560822	0.88541	-1.12942	0.779117	1.05991	1.05991	7.53E-05	0.22609	-4.42302	0.000543186	0.328737	-3.04195	0.00151798	0.388645	-2.57304	0.974997	1.00651	1.00651	0.0294032	0.58809	-1.70042	11.3273	7.68278	0.60289	1
cg04773990	TAP1	0.00201831	0.000401008	0.112772	-8.86746	0.915216	1.04214	1.04214	0.492393	1.3103	1.3103	0.000348782	0.107663	-9.2882	0.195079	0.587888	-1.701	0.461309	0.747739	-1.33737	0.00176519	0.177893	-5.62137	0.048729	0.417891	-2.39297	0.0191518	0.333275	-3.00053	9.61633	22.8822	2.11512	1
cg17973694	TAP1	0.00277567	0.302031	0.776985	-1.28703	0.084578	1.56863	1.56863	0.073507	0.624439	-1.60144	0.90103	0.971065	-1.0298	4.34E-05	0.160207	-6.24193	0.806163	0.943632	-1.05974	0.857984	1.04318	1.04318	0.793609	0.939998	-1.06383	0.0507665	0.591415	-1.69086	8.75755	7.7248	0.784065	1
cg01979171	TAP1	0.0032027	0.208474	1.22809	1.22809	0.274017	0.838312	-1.19287	0.0230759	0.656381	-1.5235	0.0306823	1.48196	1.48196	0.602346	1.08486	1.08486	0.00594847	1.74595	1.74595	0.000994456	2.13351	2.13351	0.926411	1.01442	1.01442	0.00169202	2.00382	2.00382	8.39334	3.19143	0.337985	1
cg26033526	TAP1	0.00414065	0.00274563	0.241824	-4.13524	0.836871	1.07338	1.07338	0.0861641	0.521415	-1.91786	0.477802	0.780452	-1.28131	0.710354	1.1367	1.1367	0.00102394	0.187888	-5.32232	0.000737038	0.171856	-5.81884	0.241737	0.656484	-1.52327	0.0127217	0.345294	-2.89608	7.77105	14.5189	1.66074	1
cg08151204	TAP1	0.00442082	0.0223994	0.646011	-1.54796	0.121912	0.765087	-1.30704	0.000185424	0.364853	-2.74083	0.137709	0.774692	-1.29084	0.0030251	0.52254	-1.91373	0.455768	1.12898	1.12898	0.045372	0.693098	-1.4428	0.328089	0.851107	-1.17494	0.515456	1.11107	1.11107	7.61863	3.07759	0.359073	1
cg23228341	TAP1	0.00450511	0.643587	1.09172	1.09172	0.289551	1.23122	1.23122	0.00128823	0.390845	-2.55856	0.774585	0.947392	-1.05553	0.000297027	0.300319	-3.32979	0.0371371	0.627427	-1.59381	0.379216	1.18576	1.18576	0.274595	0.806404	-1.24007	0.835191	0.961556	-1.03998	8.81543	4.83765	0.426822	1
cg14293027	TAP1	0.00560581	0.384014	1.16466	1.16466	0.447211	1.14144	1.14144	0.000203576	0.345252	-2.89643	0.947891	0.988901	-1.01122	0.221517	0.802972	-1.24537	0.771608	1.05096	1.05096	0.00869204	1.77014	1.77014	0.251588	0.81502	-1.22696	0.915999	1.01818	1.01818	7.08595	3.27268	0.410538	1
cg02561720	TAP1	0.00818657	0.519645	0.858396	-1.16496	0.000853033	0.309677	-3.22917	0.291229	0.773988	-1.29201	0.665365	1.10716	1.10716	0.180431	0.71697	-1.39476	0.00568162	0.427998	-2.33646	0.0315233	1.80388	1.80388	0.150485	1.43407	1.43407	0.371133	0.806684	-1.23964	6.29826	5.45857	0.770382	1
cg11807238	TAP1	0.0166406	0.338582	1.19472	1.19472	0.838989	0.963973	-1.03737	0.00140793	0.43436	-2.30224	0.1348	1.33746	1.33746	0.378091	0.849504	-1.17716	0.860662	1.03219	1.03219	0.0077146	1.85397	1.85397	0.756945	0.945548	-1.05759	0.498726	1.13185	1.13185	5.0051	2.57839	0.457914	1
cg10550816	TAP1	0.0205536	0.011757	0.514504	-1.94362	0.0147413	0.530567	-1.88477	0.00167808	0.387286	-2.58207	0.0944518	0.678273	-1.47433	0.0600372	0.63891	-1.56516	0.576791	1.12644	1.12644	0.176257	0.738141	-1.35475	0.212113	0.757633	-1.3199	0.0731451	0.655719	-1.52504	4.66106	3.29202	0.627805	1
cg24154161	TAP1	0.0224219	0.016471	0.147361	-6.78605	0.214077	0.425385	-2.35081	0.0933093	0.29933	-3.34079	0.292826	0.490125	-2.0403	0.215637	0.426751	-2.34329	0.000742981	0.0352172	-28.3952	0.0176232	0.151561	-6.59803	0.150284	0.365097	-2.73899	0.357135	0.538577	-1.85675	4.52433	30.5943	6.01083	1
cg03807983	TAP1	0.0302443	0.0411516	0.637796	-1.5679	0.28912	0.810545	-1.23374	0.422983	0.855366	-1.16909	0.654255	1.08986	1.08986	0.00134161	0.410829	-2.4341	0.0271507	0.607011	-1.64742	0.290337	0.811007	-1.23304	0.556887	1.1201	1.1201	0.1004	0.709236	-1.40997	4.07507	2.35176	0.512986	1
cg00240875	TAP1	0.0327353	0.328361	0.871128	-1.14794	0.982407	1.00302	1.00302	0.0126986	0.654718	-1.52737	0.240169	1.18315	1.18315	0.801023	0.966055	-1.03514	0.307031	0.865358	-1.15559	0.0692987	1.32036	1.32036	0.00444833	0.595145	-1.68026	0.341918	0.874664	-1.1433	3.96149	1.17337	0.263283	1
cg02756056	TAP1;PSMB8	0.00105554	0.0012069	0.345436	-2.89489	0.195144	1.35965	1.35965	0.117419	0.682985	-1.46416	0.0704563	0.635521	-1.57351	0.0463551	0.5995	-1.66806	0.119115	0.684386	-1.46116	5.88E-05	0.18868	-5.29999	0.0366024	1.72386	1.72386	0.0256465	0.551922	-1.81185	11.5874	9.22542	0.707698	1
cg05693489	TAP1;PSMB8	0.0119163	0.195545	0.685798	-1.45816	0.35865	1.29702	1.29702	0.791141	1.07587	1.07587	0.215796	0.698418	-1.43181	0.648932	1.1346	1.1346	0.601812	0.864974	-1.1561	0.000259051	0.190884	-5.23877	0.146357	1.53664	1.53664	0.187101	0.68027	-1.47001	5.58616	6.7165	1.06875	1
cg14530528	TAP1;PSMB9;PSMB9	0.00514181	0.0299228	0.77057	-1.29774	0.815678	0.976457	-1.02411	0.646273	1.04828	1.04828	0.689358	0.959833	-1.04185	0.897309	0.986912	-1.01326	0.00543892	1.45231	1.45231	0.000396647	1.77786	1.77786	0.249591	0.884466	-1.13063	0.140976	0.850822	-1.17533	7.27616	1.19963	0.146553	1
cg21021279	TAP2	0.00531208	0.117809	0.699177	-1.43025	0.00402209	0.442998	-2.25735	0.823576	0.954043	-1.04817	0.0554338	0.632919	-1.57998	0.000173617	0.261071	-3.83038	0.175505	0.738214	-1.35462	0.269618	1.27406	1.27406	0.869243	0.965883	-1.03532	0.0826778	0.667025	-1.49919	7.20396	5.0648	0.62494	1
cg08557029	TAP2;TAP2	3.40E-05	0.000311713	0.572435	-1.74692	0.404319	1.08481	1.08481	0.000576519	0.601585	-1.66227	0.288278	0.900168	-1.1109	0.00231965	0.6664	-1.5006	0.505915	1.06651	1.06651	0.00552887	1.41603	1.41603	1.54E-06	0.313797	-3.18677	0.000799855	0.616971	-1.62082	29.4693	4.24786	0.128129	1
cg05420994	TAP2;TAP2	0.000134583	0.161654	1.38208	1.38208	0.00539449	2.21021	2.21021	0.251909	1.29583	1.29583	0.00377255	2.33111	2.33111	3.73E-05	0.179755	-5.56312	0.000725153	3.04353	3.04353	0.00245473	0.401609	-2.48998	0.00351533	2.35614	2.35614	0.152985	0.71794	-1.39287	20.4453	15.1801	0.659977	1
cg03544736	TAP2;TAP2	0.000167573	0.000922819	0.776856	-1.28724	0.0189496	1.15601	1.15601	0.000126429	1.4056	1.4056	0.01385	1.16785	1.16785	0.0158308	1.16277	1.16277	0.000100077	1.42198	1.42198	0.0996882	0.912054	-1.09643	0.0898869	0.909028	-1.10008	0.00447586	1.21336	1.21336	19.2721	0.79451	0.0366453	1
cg04255770	TAP2;TAP2	0.000241063	0.00080809	0.21594	-4.63091	0.643264	0.868103	-1.15194	0.017274	0.414962	-2.40986	0.000955835	0.224793	-4.44854	0.000134441	0.134525	-7.43358	0.000777688	0.213949	-4.67401	3.43E-05	0.0878634	-11.3813	0.43688	0.786206	-1.27193	0.00114251	0.234437	-4.26554	17.4623	25.4373	1.29485	1
cg27618777	TAP2;TAP2	0.000276092	0.026811	0.462301	-2.16309	0.00060231	0.21092	-4.74114	0.0590036	0.534103	-1.8723	0.219097	0.683754	-1.46251	9.35E-05	0.128826	-7.76238	0.00264721	0.294239	-3.3986	3.26E-05	0.0930372	-10.7484	0.470703	1.2409	1.2409	0.00145372	0.258495	-3.86855	16.828	23.0583	1.21799	1
cg17390106	TAP2;TAP2	0.000309674	0.0602959	0.659455	-1.5164	0.347204	1.2095	1.2095	0.00297023	0.448811	-2.22811	0.511272	0.877289	-1.13987	0.00129508	0.398116	-2.51183	0.00743813	0.50795	-1.9687	1.37E-05	0.167538	-5.9688	0.331569	0.821313	-1.21756	0.000320838	0.318508	-3.13963	16.3078	9.97308	0.543602	1
cg00167916	TAP2;TAP2	0.000714266	0.380915	0.866954	-1.15346	0.000101138	0.334711	-2.98766	0.000777668	0.445879	-2.24276	0.0418812	0.688989	-1.4514	0.174316	0.794886	-1.25804	0.473965	0.890757	-1.12264	0.00085729	2.21534	2.21534	0.952562	0.990594	-1.0095	0.241067	0.822872	-1.21526	12.9376	5.17071	0.355259	1
cg13991568	TAP2;TAP2	0.000874962	0.0362307	0.680555	-1.46939	0.000515524	2.35473	2.35473	0.666357	1.07096	1.07096	0.35508	0.860411	-1.16223	7.77E-05	0.322916	-3.09678	0.428763	0.880148	-1.13617	0.819003	0.964426	-1.03689	0.380168	1.15288	1.15288	0.0257031	0.657892	-1.52001	12.2197	4.83354	0.351603	1
cg07404352	TAP2;TAP2	0.00127602	0.835758	0.944509	-1.05875	0.923396	0.973898	-1.0268	0.00494252	0.359268	-2.78344	0.836656	1.05841	1.05841	0.000361966	0.207539	-4.81838	0.574269	0.855479	-1.16894	0.000644006	0.236926	-4.22073	0.162972	1.50612	1.50612	0.000668582	0.238913	-4.18562	10.9774	13.1479	1.06464	1
cg12854186	TAP2;TAP2	0.00128912	0.00108546	0.121634	-8.22139	0.00168333	0.140673	-7.1087	0.0845083	0.434486	-2.30157	0.00430915	0.188752	-5.29797	0.00134484	0.130679	-7.65235	0.00622429	0.210573	-4.74894	0.000661257	0.102471	-9.75883	0.225913	1.74285	1.74285	0.0137859	0.2645	-3.78072	10.9454	33.0823	2.68666	1
cg06771056	TAP2;TAP2	0.0013677	0.00282731	0.623892	-1.60284	0.83432	0.976257	-1.02432	0.312797	1.12725	1.12725	0.131586	0.829652	-1.20532	0.000880397	0.564367	-1.7719	0.00014393	0.471687	-2.12005	0.0188621	0.721563	-1.38588	0.112371	1.21934	1.21934	0.108445	0.817996	-1.2225	10.7614	2.24339	0.185304	1
cg03363904	TAP2;TAP2	0.00154461	0.186903	0.779975	-1.28209	?	?	?	0.00340323	0.493063	-2.02814	0.488757	0.882566	-1.13306	0.000270528	0.346182	-2.88865	0.000189394	0.326957	-3.05851	0.169026	0.770837	-1.29729	0.933147	0.985208	-1.01501	0.0496735	0.671846	-1.48844	10.6327	4.72271	0.44417	1
cg23059310	TAP2;TAP2	0.00161647	0.00515886	0.525366	-1.90344	0.778935	1.05027	1.05027	0.237536	0.806019	-1.24067	0.158726	0.769093	-1.30023	4.22E-05	0.25729	-3.88666	0.0100354	0.567576	-1.76188	0.315507	0.834541	-1.19826	0.287393	1.21229	1.21229	0.0121224	0.579846	-1.7246	10.2561	4.93358	0.427591	1
cg14493899	TAP2;TAP2	0.00171868	0.376803	0.848661	-1.17833	0.000317116	0.348087	-2.87284	0.000617965	0.385378	-2.59486	0.0357735	1.55588	1.55588	0.853029	0.967002	-1.03412	0.369386	1.18152	1.18152	0.0144254	1.72557	1.72557	0.863681	0.969386	-1.03158	0.922375	1.01779	1.01779	10.0759	5.22422	0.460879	1
cg20898522	TAP2;TAP2	0.00174643	0.00203026	0.830187	-1.20455	0.0232009	1.12307	1.12307	0.35488	1.04155	1.04155	0.0338979	0.899493	-1.11174	0.381277	0.96232	-1.03916	0.401996	1.03737	1.03737	0.000989775	0.811132	-1.23284	0.0963122	0.924873	-1.08123	0.00326051	1.18715	1.18715	10.0292	0.290557	0.0257521	1
cg25728415	TAP2;TAP2	0.00201294	0.156082	1.15579	1.15579	0.0013488	1.55936	1.55936	0.000151911	1.85912	1.85912	0.0224977	1.29796	1.29796	0.203314	1.1367	1.1367	0.553728	0.944444	-1.05882	0.222938	0.884973	-1.12998	0.00400922	1.4462	1.4462	0.894815	0.987457	-1.0127	9.62379	1.38772	0.128175	1
cg12761728	TAP2;TAP2	0.00287658	0.627719	0.899224	-1.11207	0.514071	1.15469	1.15469	0.0033445	0.419794	-2.38212	0.10949	0.684337	-1.46127	0.000143829	0.240788	-4.15303	0.0125241	0.509074	-1.96435	0.00419381	0.434442	-2.3018	0.877475	1.0341	1.0341	0.282635	0.784526	-1.27465	8.66546	6.48447	0.665167	1
cg02779707	TAP2;TAP2	0.00322414	0.392309	0.861813	-1.16035	0.00196423	2.10122	2.10122	0.000128195	3.09616	3.09616	0.0192633	1.61676	1.61676	0.229461	1.23861	1.23861	0.132762	1.31686	1.31686	0.99379	1.00132	1.00132	0.80335	1.04325	1.04325	0.508042	0.892303	-1.1207	8.37668	3.82042	0.405403	1
cg13347198	TAP2;TAP2	0.00383295	0.365809	0.914163	-1.0939	0.00517562	0.700108	-1.42835	0.00164633	0.647101	-1.54535	0.710092	0.964576	-1.03672	0.211584	1.13555	1.13555	0.265256	0.893918	-1.11867	0.00262016	1.49547	1.49547	0.158517	1.15672	1.15672	0.0539443	0.809507	-1.23532	7.95399	1.17528	0.131342	1
cg03895094	TAP2;TAP2	0.00392421	0.00189704	0.247488	-4.0406	0.0309434	0.447619	-2.23404	0.0124174	0.372602	-2.68383	0.28472	0.70288	-1.42272	0.00193501	0.248636	-4.02195	0.0247438	0.428189	-2.33542	0.00103517	0.214006	-4.67277	0.881014	0.953589	-1.04867	0.00518189	0.310108	-3.22469	7.89788	12.5917	1.41716	1
cg18050892	TAP2;TAP2	0.00479035	0.0935416	0.580133	-1.72374	0.22691	1.4543	1.4543	0.0551249	0.526273	-1.90015	0.691422	0.888892	-1.125	0.00816839	0.36813	-2.71644	0.00173583	0.26749	-3.73846	0.000510327	0.201431	-4.96447	0.852932	0.946689	-1.05631	0.632758	1.15272	1.15272	7.43506	10.2625	1.22692	1
cg08998192	TAP2;TAP2	0.00480688	0.000808113	0.0731092	-13.6782	0.323159	0.589679	-1.69584	0.169104	0.468481	-2.13456	0.0225091	0.243062	-4.11418	0.0165168	0.219624	-4.55325	0.0284924	0.262388	-3.81115	0.000451595	0.0571489	-17.4982	0.589736	0.754459	-1.32545	0.0188746	0.229471	-4.35786	7.42727	31.5115	3.77127	1
cg03438552	TAP2;TAP2	0.00565576	0.00738475	0.137262	-7.28533	0.0135422	0.172397	-5.80056	?	?	?	0.0273797	0.222804	-4.48825	0.0258446	0.21822	-4.58252	0.0152596	0.180155	-5.55077	0.000579412	0.0467881	-21.3729	0.550137	0.706227	-1.41598	0.0138841	0.173993	-5.74737	7.21651	33.6237	4.65928	1
cg25744682	TAP2;TAP2	0.00670689	0.480661	0.920632	-1.08621	0.00229704	1.63487	1.63487	0.376938	0.900698	-1.11025	0.67917	0.953157	-1.04914	0.00483443	0.649763	-1.53902	0.846613	1.02259	1.02259	0.542493	0.931354	-1.07371	0.738685	1.03937	1.03937	0.00207235	0.606405	-1.64906	6.70381	1.41278	0.187327	1
cg09566533	TAP2;TAP2	0.00929149	0.12633	0.630953	-1.5849	0.713191	0.902307	-1.10827	0.292861	0.737968	-1.35507	0.180853	0.673264	-1.4853	0.732925	0.909031	-1.10007	0.813335	0.936257	-1.06808	0.000201286	0.176052	-5.68013	0.0828073	1.70725	1.70725	0.312249	1.33786	1.33786	6.05079	7.4303	1.09155	1
cg20397692	TAP2;TAP2	0.0100587	0.0201042	0.570399	-1.75316	0.0014086	2.52351	2.52351	0.553808	1.1274	1.1274	0.976716	0.994174	-1.00586	0.0181473	0.563044	-1.77606	0.792169	1.0543	1.0543	0.0475966	0.635325	-1.574	0.43388	1.17337	1.17337	0.212792	0.768958	-1.30046	5.89956	3.74549	0.564334	1
cg14571125	TAP2;TAP2	0.0108541	0.0434711	0.729749	-1.37033	0.00228871	1.78348	1.78348	0.930434	0.988223	-1.01192	0.574312	0.925882	-1.08005	0.334035	0.873549	-1.14476	0.160507	1.22558	1.22558	0.00214024	1.79532	1.79532	0.79517	0.965316	-1.03593	0.676596	1.05857	1.05857	5.75723	1.6787	0.259183	1
cg12121080	TAP2;TAP2	0.0110665	0.0547244	0.714224	-1.40012	0.872817	1.02505	1.02505	0.0262074	0.665413	-1.50283	0.0413205	1.43836	1.43836	0.00336662	1.85161	1.85161	0.0769596	1.35496	1.35496	0.0142832	1.59472	1.59472	0.428179	1.13308	1.13308	0.637968	1.07595	1.07595	5.72139	2.16174	0.335853	1
cg12671948	TAP2;TAP2	0.0117171	0.0282547	0.410371	-2.43682	0.310903	0.697311	-1.43408	0.03626	0.432918	-2.3099	0.0739902	0.504223	-1.98325	0.00579276	0.288528	-3.46586	0.258573	0.666747	-1.49982	0.000657381	0.166146	-6.0188	0.558556	1.2256	1.2256	0.0679951	0.49517	-2.01951	5.61677	10.5186	1.66464	1
cg07546106	TAP2;TAP2	0.0127632	0.96924	1.00285	1.00285	0.0266765	0.823716	-1.21401	0.3878	1.06755	1.06755	0.945463	1.00506	1.00506	0.00220445	1.37284	1.37284	0.0267221	0.823781	-1.21392	0.0275897	0.824998	-1.21212	0.424002	0.941485	-1.06215	0.14191	0.889933	-1.12368	5.46283	0.471786	0.0767671	1
cg18266257	TAP2;TAP2	0.0143521	0.401909	1.26002	1.26002	0.338216	0.76646	-1.3047	0.63802	0.880146	-1.13618	0.558092	0.852508	-1.17301	0.00495672	0.367014	-2.72469	0.88198	1.04083	1.04083	0.00064457	0.244009	-4.09821	0.351136	1.29502	1.29502	0.280997	0.739424	-1.3524	5.25675	6.04281	1.02181	1
cg09187413	TAP2;TAP2	0.0148572	0.0364213	0.406151	-2.46214	0.393847	1.38208	1.38208	0.0984249	0.510951	-1.95713	0.0526032	0.442012	-2.26238	0.00109734	0.168026	-5.95146	0.0247902	0.371561	-2.69134	0.0119482	0.312836	-3.19656	0.829739	0.923314	-1.08306	0.138461	0.553803	-1.8057	5.19711	11.2989	1.93251	1
cg18243910	TAP2;TAP2	0.0179474	0.00922236	0.194158	-5.15044	0.377103	0.637971	-1.56747	0.484859	0.703274	-1.42192	0.149537	0.464723	-2.15182	0.00106248	0.0907365	-11.0209	0.023749	0.26223	-3.81344	0.0601438	0.349412	-2.86195	0.0333804	0.291432	-3.43133	0.0414425	0.311544	-3.20982	4.87993	19.0075	3.46226	1
cg22619784	TAP2;TAP2	0.0186057	0.749965	0.941405	-1.06224	0.163723	0.755274	-1.32402	0.0373943	0.633701	-1.57803	0.610352	1.10192	1.10192	0.404897	0.851341	-1.17462	0.0230984	0.598679	-1.67035	0.537916	1.125	1.125	0.911579	1.0212	1.0212	0.000639312	0.371564	-2.69132	4.82108	2.72323	0.502097	1
cg19655544	TAP2;TAP2	0.0186745	0.0252766	1.60846	1.60846	0.182739	0.776751	-1.28741	0.16647	1.30162	1.30162	0.989955	0.997753	-1.00225	0.274607	1.22521	1.22521	0.920159	0.982246	-1.01808	0.0146381	0.584454	-1.711	0.00373927	2.01281	2.01281	0.459068	0.873978	-1.14419	4.81508	2.43466	0.449451	1
cg03026929	TAP2;TAP2	0.0221244	0.292088	0.919577	-1.08746	0.466469	0.944746	-1.05849	0.0930008	1.15228	1.15228	0.0144018	0.793464	-1.2603	0.926855	1.00707	1.00707	0.160073	0.891257	-1.12201	0.00715413	1.30523	1.30523	0.994398	0.999462	-1.00054	0.0338828	1.20922	1.20922	4.54514	0.423476	0.0828188	1
cg20224850	TAP2;TAP2	0.0231844	0.342057	0.813445	-1.22934	0.841318	1.04299	1.04299	0.0181111	0.53707	-1.86195	0.515046	1.149	1.149	0.00675205	0.463472	-2.15763	0.00242437	0.392144	-2.55008	0.201206	0.751417	-1.33082	0.721402	0.927537	-1.07812	0.0539391	0.625859	-1.5978	4.96159	3.391	0.531572	1
cg00720839	TAP2;TAP2	0.0250357	0.803476	1.08449	1.08449	0.499661	0.800198	-1.24969	0.568493	1.20622	1.20622	0.242913	1.48811	1.48811	0.00131558	0.218544	-4.57574	0.0853424	0.538636	-1.85654	0.431374	1.29853	1.29853	0.0602839	1.99224	1.99224	0.566124	1.20764	1.20764	4.35507	7.29862	1.48968	1
cg07353306	TAP2;TAP2	0.0316294	0.199389	0.435417	-2.29665	0.0474813	0.249013	-4.01585	0.0217217	0.184602	-5.41706	0.445304	0.620567	-1.61143	0.0184621	0.17333	-5.76936	0.12946	0.366205	-2.73071	0.00464756	0.0994072	-10.0596	0.707572	1.25996	1.25996	0.0200752	0.179057	-5.58482	4.01055	23.8848	5.29376	1
cg22940798	TAP2;TAP2	0.0322112	0.0114919	0.271605	-3.68182	0.0631259	0.422447	-2.36716	0.898757	1.05388	1.05388	0.0565944	0.410786	-2.43436	0.0705329	0.434652	-2.30069	0.0623468	0.421104	-2.37471	0.00389315	0.201413	-4.96493	0.877394	0.938339	-1.06571	0.0491134	0.396143	-2.52434	3.98448	10.7246	2.39253	1
cg00386460	TAP2;TAP2	0.0359356	0.440611	0.878681	-1.13807	0.0714348	1.39248	1.39248	0.793225	0.957718	-1.04415	0.37052	0.859652	-1.16326	0.00327528	0.517305	-1.9331	0.337994	0.85007	-1.17637	0.0472385	1.45262	1.45262	0.79676	0.958445	-1.04336	0.246921	1.22032	1.22032	3.83032	1.64069	0.380748	1
cg27474382	TAP2;TAP2	0.0407282	0.147627	0.605569	-1.65134	0.697455	1.13443	1.13443	0.0365344	0.456327	-2.19141	0.798476	0.920716	-1.08611	0.00302519	0.269251	-3.71401	0.27876	0.695174	-1.43849	0.09969	0.558481	-1.79057	0.12107	1.72072	1.72072	0.262014	0.685498	-1.45879	3.65871	6.04015	1.46746	1
cg18045172	TAP2;TAP2	0.0432208	0.00620484	0.228162	-4.38285	0.0238197	0.327272	-3.05556	0.0646935	0.42347	-2.36144	0.179578	0.554161	-1.80453	0.0228678	0.323816	-3.08817	0.0728725	0.43668	-2.29001	0.0324158	0.354468	-2.82113	0.739576	0.870969	-1.14815	0.0842673	0.453417	-2.20547	3.57902	9.72072	2.41424	1
cg05592483	TAP2;TAP2	0.0454202	0.10666	0.589686	-1.69582	0.0163153	0.414596	-2.41199	0.0605037	0.530142	-1.88629	0.694918	1.12544	1.12544	0.0174094	0.419762	-2.3823	0.029875	0.46479	-2.15151	0.0206206	0.433473	-2.30695	0.863926	1.05277	1.05277	0.375194	0.761181	-1.31375	3.51327	5.00194	1.26554	1
cg10451089	TAP2;TAP2	0.0471398	0.0201223	0.471769	-2.11968	0.59951	0.86763	-1.15256	0.378379	1.27404	1.27404	0.303654	0.751641	-1.33042	0.0418528	0.533372	-1.87486	0.0067288	0.389984	-2.56421	0.11359	0.630427	-1.58623	0.475143	1.21484	1.21484	0.108565	0.625594	-1.59848	3.46453	3.94025	1.01094	1
cg13477582	TAP2;TAP2	0.0476677	0.338376	0.723296	-1.38256	0.229687	0.661201	-1.5124	0.0138873	0.368721	-2.71208	0.749801	1.11073	1.11073	0.40286	0.755028	-1.32445	0.529919	0.811505	-1.23228	0.627809	0.851837	-1.17393	0.00247669	0.251353	-3.97846	0.0441051	0.46804	-2.13657	3.45001	5.88701	1.51678	1
cg21396998	TAP2;TAP2	0.0487816	0.0918558	0.665492	-1.50265	0.298957	1.26646	1.26646	0.792158	1.05966	1.05966	0.587419	0.886733	-1.12773	0.566285	0.880545	-1.13566	0.0335135	0.579841	-1.72461	0.00366466	0.422247	-2.36828	0.484326	1.16877	1.16877	0.0998305	0.673194	-1.48546	3.42	2.60802	0.677847	1
cg05105110	TAPBP;TAPBP	0.00257396	0.00076148	0.30947	-3.23133	0.00428738	2.40687	2.40687	0.3708	0.809535	-1.23528	0.731005	0.923721	-1.08258	0.0024931	0.380538	-2.62786	0.0126167	0.490145	-2.04021	0.704433	1.09158	1.09158	0.132427	1.45253	1.45253	0.423494	0.828655	-1.20678	8.95482	7.49719	0.744199	1
cg05003685	TAPBP;TAPBP;RGL2;RGL2	1.59E-05	0.246814	1.06044	1.06044	1.20E-05	0.638778	-1.56549	8.63E-05	1.4071	1.4071	0.991031	0.999455	-1.00054	0.599621	1.026	1.026	0.662752	1.02149	1.02149	0.000283121	0.750161	-1.33305	0.00407646	1.20541	1.20541	1.02E-05	1.58118	1.58118	35.953	1.33728	0.0330625	1
cg23319477	TAPBP;TAPBP;RGL2;RGL2	0.000822275	0.186171	0.706406	-1.41562	0.000344374	4.17285	4.17285	0.867503	0.95944	-1.04227	0.0471377	1.75651	1.75651	0.00011612	0.187281	-5.33958	0.404075	0.809192	-1.2358	0.842175	0.951765	-1.05068	0.0889243	1.59244	1.59244	0.0541989	1.71916	1.71916	12.4356	12.1114	0.865721	1
cg23625628	TAPBP;TAPBP;RGL2;RGL2	0.00700296	0.476359	1.39842	1.39842	0.00232667	7.16397	7.16397	0.890401	1.06593	1.06593	0.0748211	2.50653	2.50653	0.0305744	0.308306	-3.24353	0.340165	1.57652	1.57652	0.00162291	0.123479	-8.09853	0.933436	1.03944	1.03944	0.872922	1.07694	1.07694	6.61425	22.464	3.01893	1
cg04181556	TAPBP;TAPBP;RGL2;RGL2	0.0087963	0.45218	0.916623	-1.09096	0.74858	1.03723	1.03723	0.0235557	1.35986	1.35986	0.00332953	0.634925	-1.57499	0.480572	0.921731	-1.08492	0.00439499	0.649028	-1.54076	0.0327253	0.752767	-1.32843	0.968038	1.00456	1.00456	0.0691668	1.26001	1.26001	6.1569	1.25984	0.181887	1
cg09359480	TAPBP;TAPBP;RGL2;RGL2	0.00899272	0.987998	1.00133	1.00133	0.0705832	1.19551	1.19551	0.148889	1.14661	1.14661	0.208478	0.889424	-1.12432	0.0123099	1.31716	1.31716	0.85667	1.01611	1.01611	0.0182395	0.776274	-1.2882	0.00629475	0.730161	-1.36956	0.0200811	1.28129	1.28129	6.11394	0.75623	0.109946	1
cg14292528	TAPBP;TAPBP;RGL2;RGL2	0.0109412	0.00822364	0.678308	-1.47426	0.339897	0.893209	-1.11956	0.561996	0.934897	-1.06964	0.00318343	0.629718	-1.58801	0.718515	1.04244	1.04244	0.0297699	0.745532	-1.34132	0.012396	1.4296	1.4296	0.0677091	0.790582	-1.26489	0.885579	0.983604	-1.01667	5.74243	1.19897	0.185592	1
cg16095772	TAPBP;TAPBP;RGL2;RGL2	0.0190608	0.0255557	0.61673	-1.62146	0.498815	1.13324	1.13324	0.904301	1.02215	1.02215	0.966978	0.992487	-1.00757	0.000398309	0.358169	-2.79198	0.922091	1.01798	1.01798	0.975834	1.00553	1.00553	0.528115	0.890081	-1.12349	0.257923	0.806491	-1.23994	4.7819	2.51343	0.467213	1
cg20710143	TAPBP;TAPBP;RGL2;RGL2	0.0219689	0.470923	1.10095	1.10095	0.189697	1.1998	1.1998	0.094403	0.785767	-1.27264	0.18488	1.20248	1.20248	0.24775	1.1717	1.1717	0.76701	0.961788	-1.03973	0.872967	1.0212	1.0212	0.651448	1.06145	1.06145	0.000525841	2.03083	2.03083	4.55615	1.24072	0.242061	1
cg15403346	TAPBP;TAPBP;RGL2;RGL2	0.0423276	0.205668	2.1202	2.1202	0.67675	1.26617	1.26617	0.409837	0.622234	-1.60711	0.760352	1.18792	1.18792	0.00140369	0.0739882	-13.5157	0.989855	0.992869	-1.00718	0.0970331	2.78766	2.78766	0.658016	0.77821	-1.285	0.995559	1.00314	1.00314	3.60691	18.0996	4.46046	1
cg02236874	TAPBP;TAPBP;TAPBP	2.65E-05	0.847613	1.03027	1.03027	0.11064	1.30924	1.30924	0.000201251	0.380251	-2.62984	0.782027	1.04393	1.04393	5.48E-07	0.116086	-8.61432	0.00154864	0.493832	-2.02498	0.00216789	0.513225	-1.94846	0.732752	1.05456	1.05456	0.0027815	0.527718	-1.89495	31.4802	11.9787	0.338234	1
cg22727297	TAPBP;TAPBP;TAPBP	5.20E-05	6.78E-06	0.13726	-7.28546	0.000320893	0.314267	-3.18201	0.0471371	0.636587	-1.57088	0.603093	0.900963	-1.10992	4.72E-06	0.12446	-8.03469	0.525604	1.13641	1.13641	0.189608	0.758635	-1.31816	0.6606	0.915903	-1.09182	0.00664245	0.49642	-2.01442	26.3423	16.4903	0.556445	1
cg01199950	TAPBP;TAPBP;TAPBP	0.000263895	0.177016	0.670731	-1.49091	0.267813	1.37889	1.37889	0.48179	1.22018	1.22018	3.25E-06	0.0466763	-21.4242	0.0807116	0.583264	-1.71449	0.448025	1.24013	1.24013	0.00457257	0.349614	-2.8603	0.837054	0.944294	-1.05899	0.783535	0.926218	-1.07966	17.0368	20.9029	1.0906	1
cg02191909	TAPBP;TAPBP;TAPBP	0.000486391	0.651695	1.09443	1.09443	0.0423055	1.59106	1.59106	0.426315	0.851045	-1.17503	0.799499	0.950719	-1.05184	1.33E-05	0.163391	-6.12029	0.0271583	0.594975	-1.68074	0.0158418	1.79825	1.79825	0.188758	1.31848	1.31848	0.0342959	0.612433	-1.63283	14.4003	8.99193	0.555046	1
cg11396585	TAPBP;TAPBP;TAPBP	0.00127213	0.000583786	0.215795	-4.63403	0.528017	0.831601	-1.2025	0.855976	0.948948	-1.0538	0.0613547	0.544451	-1.83671	5.75E-05	0.116207	-8.6053	0.00818353	0.376822	-2.65377	0.364205	0.76419	-1.30857	0.149074	1.56247	1.56247	0.170287	0.65624	-1.52383	10.987	14.4756	1.17113	1
cg20603557	TAPBP;TAPBP;TAPBP	0.00177565	0.359148	0.686297	-1.4571	0.239707	1.6371	1.6371	0.014632	3.44075	3.44075	0.0269033	0.34288	-2.91647	?	?	?	0.489031	0.755715	-1.32325	0.425221	1.38372	1.38372	9.02E-05	0.0462255	-21.6331	0.163913	1.81578	1.81578	12.1912	26.5555	1.90597	1
cg18930100	TAPBP;TAPBP;TAPBP	0.00308466	0.0145905	0.685274	-1.45927	0.0483732	0.753212	-1.32765	0.156447	0.826574	-1.20981	0.0302121	0.726006	-1.3774	0.0766031	0.780769	-1.28079	0.299442	1.14467	1.14467	5.73E-05	0.391372	-2.55511	0.655086	0.945073	-1.05812	0.236617	0.855725	-1.1686	8.48768	2.1222	0.222251	1
cg00175579	TAPBP;TAPBP;TAPBP	0.00334773	0.00319997	0.281323	-3.55463	0.0263028	0.435865	-2.29429	0.330007	0.728483	-1.37272	0.142255	0.608254	-1.64405	0.000311385	0.158325	-6.31611	0.00106395	0.217688	-4.59373	0.360993	0.743833	-1.34439	0.939959	1.02402	1.02402	0.0126575	0.376544	-2.65573	8.28321	13.0292	1.39819	1
cg15025089	TAPBP;TAPBP;TAPBP	0.00363818	0.831973	1.06892	1.06892	0.413396	1.29993	1.29993	0.401616	0.76392	-1.30904	0.283816	1.41807	1.41807	0.00016939	0.134433	-7.43866	0.00491765	0.310735	-3.21818	0.115624	1.71007	1.71007	0.137592	1.65138	1.65138	0.40765	0.76667	-1.30434	8.07954	12.592	1.38534	1
cg17621507	TAPBP;TAPBP;TAPBP	0.00539267	0.010189	0.332586	-3.00674	0.243247	0.660417	-1.5142	0.332267	0.711873	-1.40474	0.516218	0.799592	-1.25064	0.000452936	0.152887	-6.54076	0.00389668	0.267005	-3.74525	0.00369087	0.263597	-3.79366	0.481931	1.27488	1.27488	0.555228	0.816483	-1.22477	7.17079	13.1113	1.62528	1
cg25163297	TAPBP;TAPBP;TAPBP	0.00541876	0.0012242	0.48699	-2.05343	0.0718902	0.73665	-1.3575	0.985653	1.00274	1.00274	0.767159	1.0462	1.0462	0.00444296	0.56137	-1.78136	0.00683543	0.58688	-1.70393	0.102779	1.31198	1.31198	0.171014	1.24824	1.24824	0.334242	1.16357	1.16357	7.16018	2.62407	0.325761	1
cg20433392	TAPBP;TAPBP;TAPBP	0.0057629	0.305104	0.764901	-1.30736	0.00329412	0.364054	-2.74684	0.854369	0.954689	-1.04746	0.93205	0.978708	-1.02176	0.611254	0.878655	-1.1381	0.032018	1.88512	1.88512	0.000341855	0.233289	-4.28653	0.787304	0.934026	-1.07063	0.0970937	0.631568	-1.58336	7.02596	7.08713	0.896628	1
cg01801368	TAPBP;TAPBP;TAPBP	0.00642786	0.0389362	0.866899	-1.15354	0.803293	1.01502	1.01502	0.00253682	1.28447	1.28447	0.0540859	0.877537	-1.13955	0.890906	0.991834	-1.00823	0.00116123	0.751977	-1.32983	0.769673	1.0177	1.0177	0.276686	1.06994	1.06994	0.502102	0.960114	-1.04154	6.79285	0.384115	0.0502639	1
cg17779289	TAPBP;TAPBP;TAPBP	0.012368	0.525472	0.824767	-1.21246	0.14068	1.60725	1.60725	0.0345866	0.47815	-2.09139	0.139114	1.61073	1.61073	0.000936961	0.228016	-4.38565	0.150063	0.630013	-1.58727	0.55824	0.83754	-1.19397	0.0588708	1.89435	1.89435	0.861597	1.05364	1.05364	5.51907	7.83715	1.26223	1
cg21611040	TAPBP;TAPBP;TAPBP	0.0126671	0.0143035	0.329663	-3.0334	0.0282616	0.386158	-2.58961	0.0104936	0.3063	-3.26477	0.108349	0.525456	-1.90311	0.000900028	0.161163	-6.20491	0.0434059	0.425987	-2.34749	0.0482995	0.436495	-2.29098	0.800075	0.910989	-1.09771	0.0326078	0.399035	-2.50605	5.47631	11.7052	1.89993	1
cg00225553	TAPBP;TAPBP;TAPBP	0.0139546	0.281506	1.21007	1.21007	0.0565937	0.692352	-1.44435	0.156056	0.77219	-1.29502	0.324944	0.840996	-1.18907	0.170356	1.28243	1.28243	0.543041	1.11058	1.11058	0.0016322	0.463581	-2.15712	0.83674	0.965459	-1.03578	0.0155899	1.65734	1.65734	5.30555	2.43873	0.408583	1
cg00701755	TAPBP;TAPBP;TAPBP	0.015886	0.374751	0.615332	-1.62514	0.743959	1.19087	1.19087	0.255454	1.88287	1.88287	0.729656	1.20311	1.20311	0.000956712	0.0725973	-13.7746	0.152629	2.26268	2.26268	0.138381	0.427268	-2.34045	0.0357467	3.67826	3.67826	0.230152	0.511174	-1.95628	5.08307	22.8713	3.99955	1
cg00792719	TAPBP;TAPBP;TAPBP	0.0191281	0.170426	0.76882	-1.3007	0.0180691	0.596235	-1.67719	0.0373832	0.647253	-1.54499	0.00241647	0.4673	-2.13995	0.68462	0.929104	-1.07631	0.0879836	0.712432	-1.40364	0.0858198	0.710431	-1.4076	0.0807193	0.705539	-1.41736	0.0755121	1.42804	1.42804	4.7762	2.45302	0.456526	1
cg01654446	TAPBP;TAPBP;TAPBP	0.0298349	0.0634387	0.431289	-2.31863	0.892139	0.946802	-1.05619	0.152749	0.539525	-1.85348	0.0919906	0.473593	-2.11152	0.100199	0.483979	-2.0662	0.663727	0.838396	-1.19275	0.000599071	0.118402	-8.44583	0.361697	0.685377	-1.45905	0.795671	0.900718	-1.11023	4.09485	10.5291	2.28561	1
cg24664942	TAPBP;TAPBP;TAPBP	0.0326272	0.250322	0.714206	-1.40016	0.00352031	3.03065	3.03065	0.013968	2.3411	2.3411	0.0786714	1.72841	1.72841	0.291723	0.735998	-1.3587	0.657565	0.882498	-1.13315	0.625819	1.14762	1.14762	0.158078	1.52629	1.52629	0.435874	1.24949	1.24949	3.9662	4.93142	1.10521	1
cg06230948	TAPBP;TAPBP;TAPBP	0.0342627	0.082461	0.173226	-5.77281	0.207113	0.297434	-3.36209	0.193769	3.50151	3.50151	0.26734	0.348825	-2.86676	0.0795865	0.169756	-5.89081	0.708509	1.40817	1.40817	0.00173755	0.0170687	-58.5867	0.0648363	0.151084	-6.61886	0.348426	0.414851	-2.41051	3.897	51.2703	11.6945	1
cg08814531	TAPBP;TAPBP;TAPBP	0.0376374	0.0566029	0.579293	-1.72624	0.278542	1.32982	1.32982	0.715068	1.09719	1.09719	0.993978	0.998093	-1.00191	0.845138	0.951731	-1.05072	0.119949	1.53231	1.53231	0.00478237	0.387734	-2.57909	0.0467126	0.562077	-1.77912	0.101106	0.634952	-1.57492	3.76631	3.81764	0.901002	1
cg12170868	TAPBP;TAPBP;TAPBP	0.0452544	0.0678516	0.686642	-1.45636	0.138967	0.746215	-1.3401	0.0133219	0.569149	-1.75701	0.784204	0.950796	-1.05175	0.0114614	0.559078	-1.78866	0.0312488	0.62842	-1.59129	0.218688	1.26845	1.26845	0.927314	0.983369	-1.01691	0.262178	0.806622	-1.23974	3.51809	1.88249	0.475635	1
cg23381664	TAPBP;TAPBP;TAPBP	0.0479303	0.11115	0.743891	-1.34428	0.100442	0.735805	-1.35906	0.815093	0.960849	-1.04075	0.584392	0.91013	-1.09874	0.352495	1.17716	1.17716	0.0459244	1.47703	1.47703	0.00692125	1.81457	1.81457	0.176896	1.27725	1.27725	0.973257	1.00573	1.00573	3.44286	1.58476	0.40916	1
cg23768510	TAPBP;TAPBP;TAPBP;TAPBP;TAPBP;TAP BP	0.021383	0.0752882	0.705496	-1.41744	0.437387	1.14976	1.14976	0.386731	1.16917	1.16917	0.65425	0.923662	-1.08265	0.204428	0.789863	-1.26604	0.264457	0.814743	-1.22738	0.000455963	0.378077	-2.64496	0.910808	1.01994	1.01994	0.977173	0.994973	-1.00505	4.59854	2.25986	0.436828	1
cg08573355	TAPBP;TAPBP;TAPBP;ZBTB22;ZBTB22	0.00318837	0.895542	0.971208	-1.02965	0.198656	1.35269	1.35269	0.00278592	2.50146	2.50146	0.16245	0.717726	-1.39329	0.0183759	1.88943	1.88943	0.00975003	2.06878	2.06878	0.00431438	2.33647	2.33647	0.0012013	2.87244	2.87244	0.00413005	2.3522	2.3522	8.40456	6.58381	0.696321	1
cg13268374	TAPBP;TAPBP;ZBTB22;ZBTB22;TAPBP	0.0225036	0.333007	1.13196	1.13196	0.816193	1.02932	1.02932	0.0514421	0.759396	-1.31684	0.0630466	1.29634	1.29634	0.857651	0.977961	-1.02254	0.60067	1.06775	1.06775	0.00141259	0.5635	-1.77462	0.669155	0.948044	-1.0548	0.0753307	0.782099	-1.27861	4.51867	1.10258	0.216893	1
cg16145834	TAPBP;TAPBP;ZBTB22;ZBTB22;TAPBP	0.04348	0.19459	0.794553	-1.25857	0.323455	0.842887	-1.1864	0.459105	0.881316	-1.13467	0.230474	1.23472	1.23472	0.363811	0.855206	-1.16931	0.532486	0.899455	-1.11178	0.00197393	0.480589	-2.08078	0.0331267	0.658701	-1.51814	0.0758351	0.718087	-1.39259	3.57106	1.58871	0.395452	1
cg06298247	TAPBPL;LOC678655	0.0049312	0.435563	0.934045	-1.07061	0.00200053	1.45375	1.45375	0.0258756	1.25469	1.25469	0.184625	0.886309	-1.12828	0.31892	0.915441	-1.09237	0.685475	0.96568	-1.03554	0.595829	1.04698	1.04698	0.000822892	0.649047	-1.54072	0.47085	1.06494	1.06494	7.36969	0.858675	0.103568	1
cg03954861	TAPBPL;LOC678655;TAPBPL	0.044156	0.0330652	0.280882	-3.56021	0.433818	0.665685	-1.50221	0.159221	0.464609	-2.15235	0.016817	0.226173	-4.42139	0.0598117	0.338872	-2.95097	0.0881272	0.383321	-2.60878	0.0107325	0.195222	-5.12237	0.0168169	0.226173	-4.4214	0.0518148	0.323821	-3.08812	3.55057	14.5996	3.65502	1
cg05027594	TAPT1	0.00799628	0.00126359	0.220975	-4.5254	0.0344593	0.45327	-2.20619	0.0345318	0.453461	-2.20526	0.875524	0.950952	-1.05158	0.00676822	0.324297	-3.0836	0.232975	0.669495	-1.49366	0.0053702	0.308473	-3.24177	0.74816	1.10888	1.10888	0.0075487	0.331953	-3.01248	6.34508	10.3432	1.44899	1
cg00555420	TAPT1	0.0122095	0.053092	0.562609	-1.77743	0.982428	0.994253	-1.00578	0.663978	1.12119	1.12119	0.213272	1.40917	1.40917	0.00142705	0.29899	-3.34459	0.605496	0.872531	-1.14609	0.0338449	0.522887	-1.91246	0.0204718	2.07681	2.07681	0.135739	0.656549	-1.52312	5.54226	6.01166	0.964172	1
cg11401606	TAPT1	0.0306564	0.853966	0.965826	-1.03538	0.00150176	0.42173	-2.37118	0.0535661	0.661182	-1.51244	0.72008	1.07027	1.07027	0.319077	1.21449	1.21449	0.0789819	1.44498	1.44498	0.621552	0.910368	-1.09846	0.482572	1.14417	1.14417	0.742694	0.939723	-1.06414	4.0555	2.28754	0.501386	1
cg21918419	TAPT1	0.0369706	0.533562	1.25616	1.25616	0.151634	1.74301	1.74301	0.0938629	0.513603	-1.94703	0.334564	0.697717	-1.43325	0.0896084	1.96767	1.96767	0.187181	1.65802	1.65802	0.0124966	3.07689	3.07689	0.0100668	3.23707	3.23707	0.180132	1.67334	1.67334	3.79096	7.854	1.84157	1
cg11029501	TARBP1	0.000877527	0.000605252	0.101247	-9.87681	0.0361397	1.7197	1.7197	0.00506004	3.03535	3.03535	0.00674195	0.366253	-2.73035	0.714909	1.06191	1.06191	?	?	?	?	?	?	0.574795	1.09843	1.09843	0.000165952	0.0291399	-34.3172	143.636	37.4633	0.111781	1
cg06509661	TARBP1	0.00714232	0.0185905	1.99031	1.99031	0.603084	1.13488	1.13488	0.0103512	2.17928	2.17928	0.00634926	0.424452	-2.35598	0.546692	1.15849	1.15849	0.637645	1.12123	1.12123	0.0193232	1.9786	1.9786	0.0593646	0.59847	-1.67093	0.0155489	2.04562	2.04562	6.5737	6.05706	0.819029	1
cg10780718	TARBP1	0.0141887	0.111541	0.683093	-1.46393	0.280577	0.781429	-1.27971	0.129939	0.69788	-1.43291	0.0135338	0.510671	-1.95821	0.0008828	0.334225	-2.992	0.0842592	0.657045	-1.52197	0.0756026	1.54483	1.54483	0.106001	0.67826	-1.47436	0.759384	0.934677	-1.06989	5.2766	4.04086	0.680718	1
cg02838825	TARBP1	0.01834	0.0245136	0.349375	-2.86225	0.0505157	0.416954	-2.39835	0.020518	0.334349	-2.99088	0.48634	0.757575	-1.32	0.0277428	0.360171	-2.77646	0.493124	0.760946	-1.31415	0.0727355	0.455762	-2.19413	0.00149844	0.165899	-6.02776	0.0125845	0.295837	-3.38024	4.84452	11.8206	2.16889	1
cg22398808	TARBP1	0.0202845	0.328642	0.893366	-1.11936	0.238705	1.14798	1.14798	0.0366569	1.31197	1.31197	0.392554	1.10292	1.10292	0.0509267	1.28234	1.28234	0.00949679	0.692472	-1.4441	0.0255315	0.743208	-1.34552	0.504326	1.07872	1.07872	0.0900007	1.23243	1.23243	4.68203	0.927464	0.17608	1
cg20296524	TARBP1	0.0312325	0.945816	0.969144	-1.03184	0.254497	0.575624	-1.73724	0.662599	1.22463	1.22463	0.733246	0.85399	-1.17097	0.900949	0.944196	-1.0591	0.000857009	0.0845039	-11.8338	0.0567771	0.362853	-2.75594	0.470209	1.40445	1.40445	0.520316	1.35136	1.35136	4.4311	14.608	2.56411	1
cg03802191	TARBP1	0.0456416	0.631397	0.832365	-1.2014	0.0032989	4.56959	4.56959	0.381086	1.40638	1.40638	0.110776	1.93394	1.93394	0.0896562	0.491529	-2.03447	0.110413	1.93547	1.93547	0.36643	0.703131	-1.42221	0.640844	0.836653	-1.19524	0.807342	0.911432	-1.09718	3.50687	8.00261	2.02843	1
cg12297350	TARBP1	0.0468146	0.315237	1.59828	1.59828	0.931435	1.03962	1.03962	0.591208	0.782838	-1.2774	0.455645	1.40934	1.40934	0.00698468	0.2069	-4.83325	0.541568	1.32187	1.32187	0.00960051	0.227502	-4.39557	0.247033	1.72733	1.72733	0.373737	0.662117	-1.51031	3.47358	11.2179	2.87065	1
cg13065262	TARBP2;TARBP2;MAP3K12	0.0142603	0.167326	0.830152	-1.2046	0.834967	1.02673	1.02673	0.00929283	1.51792	1.51792	0.580125	0.931775	-1.07322	0.00815046	0.651639	-1.53459	0.0464538	0.749442	-1.33433	0.39215	0.895058	-1.11725	0.0158028	1.45344	1.45344	0.325309	0.879464	-1.13706	5.26786	1.33428	0.225144	1
cg05956890	TARBP2;TARBP2;TARBP2	0.00356664	0.15391	0.891546	-1.12165	0.00234897	1.37609	1.37609	0.0237026	1.22516	1.22516	0.775827	0.978759	-1.0217	0.0629679	1.17035	1.17035	0.373518	1.07111	1.07111	0.000721183	0.679152	-1.47243	0.293983	0.921403	-1.0853	0.198322	1.10764	1.10764	8.12778	0.727991	0.0796163	1
cg00910333	TARBP2;TARBP2;TARBP2	0.0481492	0.553784	1.2362	1.2362	0.0893056	0.504181	-1.98342	0.0712285	2.09629	2.09629	0.520285	1.25972	1.25972	?	?	?	0.100541	0.518974	-1.92688	0.0103966	0.288566	-3.46541	0.109286	0.52964	-1.88807	0.134947	0.557641	-1.79327	4.21777	7.02948	1.24997	1
cg16615518	TARBP2;TARBP2;TARBP2;MAP3K12	7.50E-05	6.36E-05	0.71826	-1.39225	0.00114335	1.23998	1.23998	0.000210948	1.32133	1.32133	0.844936	1.00885	1.00885	0.106936	1.08237	1.08237	0.223835	0.944144	-1.05916	0.000105438	1.36076	1.36076	0.00580684	0.850016	-1.17645	0.0209421	1.1331	1.1331	23.9092	0.765995	0.028478	1
cg22265988	TARBP2;TARBP2;TARBP2;TARBP2	0.00177868	0.698521	1.0947	1.0947	0.241271	1.33565	1.33565	0.618973	1.12376	1.12376	?	?	?	8.03E-05	0.122223	-8.18174	0.192371	1.38665	1.38665	0.750838	0.928659	-1.07682	0.22417	0.739584	-1.35211	0.00306107	0.345	-2.89855	15.4712	11.1704	0.541508	1
cg01833398	TARBP2;TARBP2;TARBP2;TARBP2;MAP 3K12;TARBP2	0.0300514	0.207517	0.78184	-1.27903	0.854782	1.03451	1.03451	0.333976	0.831506	-1.20264	0.658419	1.08587	1.08587	0.292938	0.817074	-1.22388	0.0621942	0.6779	-1.47514	0.000587589	0.374012	-2.67371	0.572622	0.899815	-1.11134	0.784547	1.05205	1.05205	4.08435	2.21792	0.482693	1
cg18163627	TARDBP	9.81E-05	0.317735	0.806633	-1.23972	0.849665	0.961286	-1.04027	0.340472	0.815135	-1.22679	0.00229213	0.41189	-2.42783	9.20E-07	0.0670195	-14.921	0.158762	0.730942	-1.3681	0.460022	0.855119	-1.16943	0.00403778	0.447758	-2.23335	0.0283668	0.583657	-1.71333	22.2546	15.2595	0.609493	1
cg10233455	TARDBP	0.00520882	0.0344219	0.648772	-1.54137	0.0699383	1.42674	1.42674	0.0389668	1.52066	1.52066	0.0876724	1.39182	1.39182	0.0089074	0.557852	-1.79259	0.0457181	1.49442	1.49442	0.0109083	0.570962	-1.75143	0.0219653	0.617557	-1.61928	0.116378	0.741382	-1.34883	7.24739	3.53051	0.433015	1
cg25930786	TARM1	2.37E-05	4.85E-06	0.152958	-6.53773	0.459779	0.873437	-1.1449	0.00072692	0.396975	-2.51905	0.00277716	0.476339	-2.09935	2.74E-06	0.132078	-7.5713	0.728545	1.06465	1.06465	0.105827	1.37385	1.37385	0.0303106	1.58062	1.58062	0.151476	0.758569	-1.31827	32.3922	16.5837	0.45508	1
cg12283218	TARM1	0.0287299	0.0165501	0.399954	-2.50029	0.851411	0.942989	-1.06046	0.904844	1.03815	1.03815	0.234665	0.677089	-1.47691	0.000743766	0.201329	-4.967	0.167849	0.631197	-1.58429	0.411646	0.768906	-1.30055	0.998822	1.00046	1.00046	0.222463	0.669418	-1.49383	4.14994	6.44064	1.37954	1
cg22816913	TARM1	0.0369344	0.783646	1.11871	1.11871	0.0757684	0.446855	-2.23786	0.327194	1.51018	1.51018	0.0959805	2.10665	2.10665	0.180424	0.560074	-1.78548	0.0156877	0.29909	-3.34347	0.0225068	0.328307	-3.04593	0.598719	0.805392	-1.24163	0.102054	2.07368	2.07368	3.79232	9.97643	2.3384	1
cg24059612	TARM1	0.0459982	0.0137599	0.522895	-1.91243	0.0281639	0.575868	-1.73651	0.0357626	0.594424	-1.6823	0.965547	1.00924	1.00924	0.168187	0.731502	-1.36705	0.028645	0.577167	-1.7326	0.429321	1.1874	1.1874	0.0489116	0.619562	-1.61404	0.106781	0.687372	-1.45482	3.49664	2.51001	0.638076	1
cg12865252	TARS	0.000578832	0.0468696	1.59815	1.59815	0.0265974	0.58184	-1.71869	0.885324	1.03018	1.03018	0.504708	0.869798	-1.14969	0.00012448	0.25203	-3.96779	0.0279509	1.70772	1.70772	0.00711145	2.04727	2.04727	0.00104631	2.7173	2.7173	0.0282895	1.70507	1.70507	13.7206	9.22763	0.597813	1
cg06799721	TARS	0.00361247	0.0103909	0.336422	-2.97246	0.0754744	0.512725	-1.95036	0.0598039	0.488241	-2.04817	0.740855	0.894012	-1.11855	0.00389914	0.269343	-3.71273	0.00170952	0.220535	-4.53442	0.000697504	0.174496	-5.73078	0.303453	1.43305	1.43305	0.0126683	0.35133	-2.84633	8.09674	14.6128	1.60424	1
cg14826797	TARS	0.0100424	0.0229733	0.264582	-3.77954	0.0306984	0.289137	-3.45857	0.284694	0.580867	-1.72157	0.0820959	0.389989	-2.56418	0.0171732	0.241828	-4.13517	0.029574	0.285863	-3.49818	0.000555912	0.0729085	-13.7158	0.991156	0.994597	-1.00543	0.0112827	0.211961	-4.71786	5.90263	22.3384	3.36399	1
cg21803535	TARS	0.0286155	0.0557684	0.753335	-1.32743	0.780152	1.03725	1.03725	0.0153654	0.677877	-1.47519	0.564012	0.92661	-1.0792	0.00354057	0.596511	-1.67642	0.198056	0.837117	-1.19458	0.50151	0.914703	-1.09325	0.157881	1.21816	1.21816	0.0362342	0.727418	-1.37473	4.15579	1.12422	0.240462	1
cg13987669	TARS	0.0468108	0.309327	0.823736	-1.21398	0.172264	1.30704	1.30704	0.554981	1.11633	1.11633	0.195742	1.28681	1.28681	0.40319	0.854138	-1.17077	0.579967	0.902102	-1.10852	0.00154686	0.432102	-2.31427	0.811687	0.956964	-1.04497	0.947492	0.987935	-1.01221	3.47369	1.86874	0.478197	1
cg13454184	TARS2	7.54E-05	0.0351884	0.854203	-1.17068	0.000110647	1.54792	1.54792	0.000234098	1.47978	1.47978	0.915093	1.00687	1.00687	0.76765	0.981149	-1.01921	8.55E-05	0.635542	-1.57346	0.000184328	0.666396	-1.50061	0.194454	1.09217	1.09217	0.381204	0.943941	-1.05939	23.8703	1.55981	0.0580845	1
cg08749122	TARS2	0.0299173	0.023249	0.581891	-1.71853	0.107343	1.42027	1.42027	0.274189	1.25499	1.25499	0.0416276	0.625699	-1.59821	0.135889	1.37824	1.37824	0.104366	1.42532	1.42532	?	?	?	0.857721	0.964811	-1.03647	0.0464614	0.634279	-1.57659	4.15968	2.33357	0.560998	1
cg24799460	TARSL2	0.000244415	0.0202485	1.74441	1.74441	0.00587053	2.04752	2.04752	0.0191409	0.569221	-1.75679	0.108408	0.706048	-1.41633	1.56E-05	0.169573	-5.89717	0.0532345	0.646303	-1.54726	0.290899	1.24338	1.24338	0.011094	1.88313	1.88313	0.0194504	0.570371	-1.75324	17.3967	10.8839	0.556113	1
cg20975713	TARSL2	0.000360541	0.399431	1.41437	1.41437	0.0393241	2.60701	2.60701	0.336057	0.671226	-1.48981	0.0835516	0.463131	-2.15922	?	?	?	0.278553	0.63584	-1.57272	5.95E-06	0.0168246	-59.4369	0.916475	0.958716	-1.04306	0.210917	0.588749	-1.69852	16.0269	36.4425	2.27383	1
cg15801251	TARSL2	0.000989506	0.00851893	1.28198	1.28198	0.0909739	1.1477	1.1477	0.112702	0.880072	-1.13627	0.0385899	0.837552	-1.19396	0.0314779	1.20521	1.20521	5.63E-05	0.574799	-1.73974	0.589684	0.960518	-1.04111	0.905193	1.00885	1.00885	0.0744232	1.15843	1.15843	11.8018	1.02321	0.0770667	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15670579	TARSL2	0.00846451	0.4066	1.32165	1.32165	0.42262	0.764098	-1.30873	0.948373	0.978954	-1.0215	0.950678	0.979885	-1.02053	0.686614	0.875261	-1.14252	0.232034	0.662501	-1.50943	0.000217504	0.131868	-7.58333	0.0356761	2.23242	2.23242	0.270672	1.45751	1.45751	6.23225	10.6508	1.51909	1
cg09744397	TARSL2	0.00879852	0.0209607	0.366055	-2.73183	0.0299967	0.397081	-2.51838	0.0327807	0.405115	-2.46843	0.43007	0.747212	-1.33831	0.000307142	0.12	-8.33332	0.0436801	0.432145	-2.31404	0.0278366	0.390429	-2.56129	0.0205087	0.364237	-2.74546	0.072859	0.484849	-2.0625	6.15641	12.7629	1.84276	1
cg27039237	TARSL2	0.0138389	0.0011687	0.33213	-3.01087	0.44174	0.834079	-1.19893	0.279558	0.771047	-1.29694	0.43413	1.20272	1.20272	0.923095	1.02258	1.02258	0.520183	1.16273	1.16273	0.00262971	0.381719	-2.61973	0.0520432	0.599777	-1.66729	0.96632	0.990282	-1.00981	5.32008	4.50741	0.753107	1
cg14588686	TARSL2	0.0237326	0.622204	0.899867	-1.11128	0.0698084	0.650029	-1.53839	0.0709209	0.651391	-1.53518	0.195479	0.747622	-1.33757	0.80459	1.05407	1.05407	0.738254	0.931232	-1.07385	0.00248434	2.44308	2.44308	0.774462	1.06293	1.06293	0.0308622	0.583589	-1.71353	4.43656	3.17113	0.635353	1
cg07019009	TARSL2	0.0273901	0.114165	1.38894	1.38894	0.014116	0.560389	-1.78447	0.0300333	0.6139	-1.62893	0.0772538	0.68691	-1.45579	0.459843	1.15474	1.15474	0.397341	1.18021	1.18021	0.0408708	1.57027	1.57027	0.631398	1.09682	1.09682	0.14187	1.35248	1.35248	4.22035	2.44316	0.514577	1
cg13151645	TARSL2	0.0462261	0.556075	0.824751	-1.21249	0.95739	1.01744	1.01744	0.96272	1.01524	1.01524	0.893829	0.95771	-1.04416	0.00149119	0.227141	-4.40255	0.95175	0.980609	-1.01977	0.219688	1.51838	1.51838	0.254096	1.47017	1.47017	0.0981992	0.556023	-1.79849	3.49015	5.78833	1.4742	1
cg12645876	TARSL2	0.047317	0.0202014	0.312317	-3.20188	0.596916	0.801127	-1.24824	0.184871	0.557527	-1.79363	0.180532	1.80539	1.80539	0.00856922	0.248266	-4.02793	0.645701	0.825035	-1.21207	0.0324611	0.353395	-2.82969	0.76026	0.880597	-1.13559	0.0613129	0.416465	-2.40116	3.45964	9.45803	2.43006	1
cg07399635	TAS1R1;TAS1R1;NOL9;TAS1R1;TAS1R1	0.0071295	0.74967	0.942589	-1.06091	0.108509	0.723723	-1.38174	0.428104	0.861204	-1.16117	0.0743715	0.692678	-1.44367	0.0537641	0.667322	-1.49853	0.000165281	0.305529	-3.27302	0.775204	0.948492	-1.05431	0.1277	1.35552	1.35552	0.443688	1.15516	1.15516	6.57739	3.55355	0.480237	1
cg05086993	TAS1R1;TAS1R1;NOL9;TAS1R1;TAS1R1	0.0336956	0.00135442	0.311197	-3.2134	0.237112	1.36443	1.36443	0.296286	1.31218	1.31218	0.343854	1.27715	1.27715	0.96165	0.988009	-1.01214	0.80501	1.06402	1.06402	0.0825511	1.61996	1.61996	0.690362	1.10568	1.10568	0.370649	1.2594	1.2594	3.92052	3.9081	0.886072	1
cg03046264	TAS1R1;TAS1R1;TAS1R1;TAS1R1;NOL9	0.0111046	0.00195039	0.354499	-2.82088	0.196595	0.723822	-1.38156	0.783574	0.936901	-1.06735	0.116108	0.667469	-1.4982	0.0133369	0.483982	-2.06619	0.00253026	0.370737	-2.69733	0.19522	1.38309	1.38309	0.569688	1.1457	1.1457	0.817391	0.946719	-1.05628	5.71506	5.0724	0.788932	1
cg07565540	TAS1R1;ZBTB48;TAS1R1;TAS1R1;TAS1R1	0.00906179	?	?	?	0.538887	0.778097	-1.28519	0.0332724	2.7916	2.7916	0.00446933	4.95093	4.95093	0.289044	0.640483	-1.56132	0.134787	0.518618	-1.9282	?	?	?	0.0105901	0.261128	-3.82954	0.0639107	2.34847	2.34847	7.2398	14.145	1.95379	1
cg24692872	TAS1R2	1.92E-06	0.00216509	0.450942	-2.21758	3.50E-05	0.227743	-4.39091	0.000135036	0.294327	-3.39758	0.274897	0.810433	-1.23391	6.33E-08	0.0336729	-29.6974	2.33E-05	0.209293	-4.77799	1.31E-06	0.100815	-9.91914	0.0682144	0.685357	-1.45909	0.00236325	0.456276	-2.19166	62.0707	33.6544	0.481951	1
cg11806635	TAS1R2	2.83E-06	0.129012	0.843037	-1.18619	4.01E-05	0.441837	-2.26328	1.06E-05	0.375753	-2.66132	2.53E-06	0.305866	-3.26941	0.0859867	0.820794	-1.21833	0.685129	1.04334	1.04334	3.51E-07	0.21615	-4.62641	1.03E-05	0.374084	-2.6732	3.93E-05	0.440953	-2.26782	56.1971	9.6426	0.15252	1
cg16986315	TAS1R2	0.00024208	0.0479331	1.73112	1.73112	0.000458783	0.26217	-3.81432	0.13697	0.677892	-1.47516	0.103391	1.54077	1.54077	0.00187165	0.34284	-2.91681	0.0736413	0.616335	-1.62249	1.32E-05	0.10908	-9.16755	0.00475049	0.402538	-2.48423	0.217606	0.729954	-1.36995	17.4423	16.2693	0.829114	1
cg17822093	TAS1R2	0.00328151	0.31458	0.849528	-1.17712	0.00794796	1.70513	1.70513	0.85469	1.02916	1.02916	0.000183961	0.371165	-2.69422	0.480313	0.893594	-1.11908	0.0086157	0.591386	-1.69094	0.194716	0.806463	-1.23998	0.387015	1.14917	1.14917	0.850764	1.02997	1.02997	8.33275	3.245	0.346158	1
cg00375983	TAS1R2	0.00343513	0.0334231	1.91647	1.91647	0.16482	0.678526	-1.47378	0.22711	1.39358	1.39358	0.571087	1.16162	1.16162	0.666602	1.12012	1.12012	0.100978	0.624936	-1.60016	0.000152973	0.182836	-5.46938	0.0121499	0.441287	-2.2661	0.187156	0.693565	-1.44183	8.21967	8.91724	0.964325	1
cg23206822	TAS1R2	0.0082518	0.606781	0.780596	-1.28107	0.785379	0.877889	-1.1391	0.948386	0.969584	-1.03137	0.64195	0.79978	-1.25034	0.0083576	0.200314	-4.99215	0.0426964	0.328513	-3.04402	0.000174815	0.0479234	-20.8666	0.257666	0.569163	-1.75697	0.0878449	0.40704	-2.45676	6.28252	22.6508	3.20478	1
cg03960908	TAS1R2	0.0130387	0.540879	1.22948	1.22948	0.0239311	2.45754	2.45754	0.119395	0.568943	-1.75765	0.0270847	0.417588	-2.39471	0.00562662	0.29734	-3.36315	0.0382688	0.448733	-2.2285	0.282336	0.688781	-1.45184	0.0108634	0.343926	-2.9076	0.113274	0.562619	-1.7774	5.42487	9.56897	1.56792	1
cg15605096	TAS1R2	0.0222592	0.0221366	0.169082	-5.9143	0.152589	0.370594	-2.69837	0.0326368	0.197923	-5.05248	0.100809	0.312103	-3.20407	0.0296188	0.19031	-5.25457	0.0817831	0.286623	-3.4889	0.00396255	0.0812374	-12.3096	0.00424101	0.083751	-11.9402	0.0723562	0.27276	-3.66623	4.53567	30.1534	5.90939	1
cg17017746	TAS1R2	0.0223279	0.0408026	0.309999	-3.22582	0.0253665	0.26761	-3.73677	0.09744	0.405733	-2.46467	0.901177	1.06355	1.06355	0.00187108	0.112143	-8.9172	0.181356	0.494711	-2.02138	0.915248	1.05422	1.05422	0.0498539	0.329732	-3.03276	0.0127955	0.215728	-4.63547	4.53087	17.6532	3.4633	1
cg23132469	TAS1R2	0.0305036	0.313726	1.2931	1.2931	0.317319	1.29048	1.29048	0.769962	0.930216	-1.07502	0.369472	1.25531	1.25531	0.197527	1.3994	1.3994	0.132311	1.49286	1.49286	0.00115133	3.24949	3.24949	0.00959671	2.24554	2.24554	0.878046	0.962827	-1.03861	4.06272	3.91602	0.856792	1
cg15743657	TAS1R2	0.0320392	0.0114179	0.284693	-3.51256	0.0255754	0.34901	-2.86524	0.288806	0.645989	-1.54801	0.0693788	0.446577	-2.23926	0.0167883	0.314078	-3.18392	0.0411822	0.392677	-2.54662	0.0109107	0.281381	-3.5539	0.0217617	0.335235	-2.98298	0.176173	0.565138	-1.76948	3.99213	9.95687	2.217	1
cg00925953	TAS1R2	0.0354959	0.028567	0.144735	-6.90919	0.161708	0.326924	-3.05882	0.149888	0.315058	-3.17402	0.342471	0.481056	-2.07876	0.0102352	0.0887539	-11.2671	0.224021	0.384539	-2.60052	0.00297997	0.0474218	-21.0873	0.0304018	0.149007	-6.71109	0.128422	0.292426	-3.41967	3.84747	34.111	7.88074	1
cg21731286	TAS1R2	0.037446	0.0942295	0.423478	-2.3614	0.385182	0.659809	-1.51559	0.0320752	0.309513	-3.23089	0.0256722	0.290033	-3.44788	0.0288	0.299945	-3.33394	0.039724	0.329365	-3.03615	0.0217464	0.276246	-3.61997	0.00778876	0.202775	-4.93157	0.0615517	0.373982	-2.67393	3.77333	13.0353	3.07074	1
cg08621441	TAS1R3	7.93E-05	2.14E-05	0.340582	-2.93615	4.28E-05	0.37576	-2.66127	0.00220185	0.582531	-1.71665	0.671474	0.947707	-1.05518	0.00121315	0.550806	-1.81552	0.297355	0.872826	-1.1457	3.33E-05	0.362877	-2.75575	0.738763	1.04304	1.04304	0.000779701	0.527357	-1.89625	23.5515	5.91231	0.223144	1
cg24252805	TAS1R3	0.00114815	0.027886	0.605005	-1.65288	0.266016	0.799201	-1.25125	0.519702	0.881427	-1.13452	0.465783	1.15436	1.15436	0.0004511	0.343146	-2.91421	0.173191	0.755566	-1.32351	0.000228706	0.306062	-3.26731	0.00033858	0.327276	-3.05553	0.0105031	0.536466	-1.86405	11.3134	6.70135	0.526523	1
cg08037114	TAS1R3	0.00574446	0.0085439	0.44882	-2.22807	0.0203607	0.512945	-1.94953	0.784082	0.936526	-1.06778	0.574646	1.14498	1.14498	0.00463295	0.40683	-2.45803	0.100177	0.65047	-1.53735	0.000536527	0.27638	-3.61821	0.00982575	0.45876	-2.17979	0.0711718	0.618027	-1.61805	7.03289	6.34964	0.802533	1
cg18386618	TAS1R3	0.00777273	0.0019399	0.229032	-4.36621	0.795111	0.91624	-1.09142	0.777188	0.909039	-1.10006	0.644752	1.1689	1.1689	0.0136435	0.358595	-2.78866	0.0298403	0.423492	-2.36132	0.000737541	0.178462	-5.60344	0.140835	0.587158	-1.70312	0.0679714	0.503013	-1.98802	6.40188	11.4564	1.5907	1
cg06395167	TAS1R3	0.00872316	0.00274243	0.323914	-3.08724	0.902174	0.967024	-1.0341	0.404553	1.26184	1.26184	0.22578	1.41464	1.41464	0.0487227	0.541253	-1.84756	0.969458	0.989614	-1.0105	0.000632744	0.238868	-4.18642	0.265703	0.728857	-1.37201	0.210082	0.69755	-1.43359	6.17321	7.27031	1.04686	1
cg07624812	TAS1R3	0.0131243	0.126648	0.667953	-1.49711	0.097844	0.641755	-1.55823	0.0932839	1.56971	1.56971	0.0669779	1.65119	1.65119	0.0284487	0.531753	-1.88057	0.32011	0.778089	-1.2852	0.0012824	0.317731	-3.14732	0.100924	0.644827	-1.5508	0.706373	0.911709	-1.09684	5.41329	5.11403	0.839749	1
cg16590012	TAS1R3	0.0169972	0.314544	0.816823	-1.22426	0.0923209	0.697381	-1.43394	0.715801	0.931338	-1.07372	0.797159	0.951127	-1.05138	0.00142992	0.407704	-2.45276	0.890382	0.97353	-1.02719	0.00636819	1.9953	1.9953	0.606142	0.903771	-1.10648	0.302364	0.812323	-1.23104	4.96976	2.97891	0.532808	1
cg04981007	TAS1R3	0.0222467	0.0641913	0.407229	-2.45562	0.445612	1.39913	1.39913	0.781417	0.886787	-1.12767	0.751969	0.872009	-1.14678	0.00923784	0.239982	-4.16698	0.418663	0.6998	-1.42898	0.0039125	0.186841	-5.35215	0.00661822	0.218132	-4.58437	0.103651	0.463596	-2.15705	4.53654	13.4057	2.62671	1
cg07346648	TAS1R3	0.0224144	0.0874147	0.478817	-2.08848	0.469853	0.750548	-1.33236	0.150617	1.82439	1.82439	0.886891	1.05712	1.05712	0.035326	0.384222	-2.60266	0.122098	0.519981	-1.92315	0.00102004	0.149429	-6.69216	0.132704	0.530918	-1.88353	0.162026	0.558394	-1.79085	4.52485	10.9154	2.14428	1
cg16430279	TAS1R3	0.022472	0.855002	0.919791	-1.0872	0.393082	0.670406	-1.49163	0.829162	1.10381	1.10381	0.916987	0.953465	-1.04881	0.0104176	0.228951	-4.36774	0.0214361	0.282767	-3.53649	0.0118604	0.237936	-4.20282	0.00431948	0.174872	-5.71848	0.0370124	0.330561	-3.02516	4.52086	14.9578	2.94099	1
cg21647460	TAS1R3	0.0360878	0.0491288	0.644947	-1.55051	0.46853	0.865869	-1.15491	0.26287	0.796165	-1.25602	0.533478	0.884124	-1.13106	0.00249008	0.440094	-2.27224	0.0328621	0.614221	-1.62808	0.83304	0.959616	-1.04208	0.469216	0.866068	-1.15464	0.00894521	0.522395	-1.91426	3.82445	2.30974	0.536836	1
cg03402404	TAS1R3	0.045409	0.0159338	0.33885	-2.95116	0.0185637	0.351134	-2.84792	0.112222	0.530437	-1.88524	0.109564	0.527488	-1.89578	0.0473305	0.435196	-2.29782	0.116583	0.535172	-1.86856	0.00662806	0.274702	-3.64031	0.234421	0.633187	-1.57931	0.0674149	0.471723	-2.11989	3.5136	7.48051	1.89246	1
cg04910752	TAS1R3	0.0496067	0.0198817	0.283171	-3.53144	0.029041	0.315097	-3.17362	0.484603	0.727037	-1.37545	0.177359	0.525466	-1.90307	0.015252	0.26255	-3.8088	0.10377	0.450025	-2.2221	0.00978095	0.23081	-4.33258	0.105452	0.452084	-2.21198	0.0995288	0.444733	-2.24854	3.39831	10.8422	2.83598	1
cg23248452	TAS2R1	0.043222	0.282181	0.46888	-2.13274	0.100657	0.295614	-3.38279	0.0643452	0.244499	-4.09	0.0611163	0.239249	-4.17974	0.0171714	0.139717	-7.15733	0.074538	0.260165	-3.84371	0.00475176	0.0787786	-12.6938	0.100138	0.29496	-3.39029	0.0266201	0.168511	-5.93434	3.57899	26.0357	6.46631	1
cg03138863	TAS2R10	7.54E-05	0.885295	1.02282	1.02282	0.682786	1.06635	1.06635	0.0209897	1.54365	1.54365	0.658335	0.932786	-1.07206	0.0671205	0.72555	-1.37827	0.0251657	0.659479	-1.51635	8.73E-07	0.129417	-7.72699	0.201937	1.23449	1.23449	0.232597	0.822254	-1.21617	23.8704	9.24104	0.34412	1
cg08658594	TAS2R13;TAS2R13;PRR4;PRH1	0.000224019	0.000244186	0.205744	-4.86042	0.498594	0.835988	-1.19619	0.167181	0.681138	-1.46813	0.298058	0.754809	-1.32484	5.45E-05	0.140756	-7.10448	0.000330113	0.220507	-4.535	0.000225287	0.201896	-4.95306	0.0463104	1.81348	1.81348	0.00801166	0.412276	-2.42556	17.8141	19.1855	0.957317	1
cg22997768	TAS2R14;PRR4;PRH1	0.00959453	0.309045	0.81993	-1.21962	0.0113705	0.550156	-1.81767	0.0245182	0.60336	-1.65738	0.91182	0.979325	-1.02111	0.150241	0.747636	-1.33755	0.14149	1.34738	1.34738	0.00133029	2.41105	2.41105	0.762864	0.944531	-1.05873	0.279663	0.809004	-1.23609	5.98926	3.37358	0.500685	1
cg12150401	TAS2R16	0.000444932	0.0545043	0.775649	-1.28924	0.114812	1.22105	1.22105	0.00739075	0.669018	-1.49473	0.0646483	1.27341	1.27341	0.000143054	0.466059	-2.14565	0.335785	1.12253	1.12253	0.000898238	1.78396	1.78396	0.00539043	0.652699	-1.5321	0.00850624	0.676309	-1.47861	14.7599	3.17047	0.190936	1
cg01293346	TAS2R20;TAS2R20;PRR4;PRH1	0.0192181	0.066014	0.548944	-1.82168	0.00119461	0.251335	-3.97876	0.104173	0.59653	-1.67636	0.681742	0.887	-1.1274	0.797629	1.07759	1.07759	0.87687	1.04612	1.04612	0.0271417	2.1395	2.1395	0.359434	0.760316	-1.31524	0.157752	0.644514	-1.55156	4.76862	6.38705	1.19057	1
cg08922109	TAS2R3	0.000941331	0.0827717	0.702877	-1.42272	1.28E-05	0.185853	-5.3806	0.0212429	0.601566	-1.66233	0.223629	1.26445	1.26445	0.0376729	0.642462	-1.55651	0.233843	0.795288	-1.25741	0.781896	1.05225	1.05225	0.238088	0.797089	-1.25457	0.557932	1.11488	1.11488	11.9698	6.38473	0.474137	1
cg12893788	TAS2R3	0.0153425	0.593477	1.27679	1.27679	0.335501	0.637376	-1.56893	0.909466	0.949722	-1.05294	0.00160654	0.128497	-7.78229	0.0304074	0.315412	-3.17046	0.303038	1.62225	1.62225	0.00732509	0.208483	-4.79656	0.909538	0.949761	-1.0529	0.0272568	0.305784	-3.27028	5.14213	16.7492	2.89534	1
cg12982259	TAS2R3	0.0177137	0.0107493	0.203345	-4.91774	0.922375	1.04963	1.04963	0.00487937	0.156551	-6.38769	0.0587673	0.346143	-2.88898	0.767898	1.15845	1.15845	0.246888	1.8253	1.8253	0.301718	1.70191	1.70191	0.827709	1.11441	1.11441	0.00957976	0.19589	-5.10491	4.90146	19.1731	3.47708	1
cg12337114	TAS2R3	0.0231155	0.162825	1.34859	1.34859	0.339841	0.820804	-1.21832	0.29278	0.803248	-1.24495	0.249551	1.27325	1.27325	0.00122452	2.58429	2.58429	0.136821	1.37949	1.37949	0.0397332	1.61175	1.61175	0.392491	0.838743	-1.19226	0.570342	0.891243	-1.12203	4.47712	2.8573	0.567289	1
cg22505295	TAS2R31;PRR4;PRH1	0.0042697	0.698038	0.928006	-1.07758	0.000590065	0.361599	-2.7655	0.0109113	0.54206	-1.84481	0.151916	1.34202	1.34202	0.37423	0.839627	-1.19101	0.0553804	0.659562	-1.51616	0.0161515	1.75771	1.75771	0.782766	1.0544	1.0544	0.0137954	0.558028	-1.79202	7.69929	4.47865	0.517064	1
cg02647103	TAS2R31;PRR4;PRH1	0.0291625	0.0981044	0.713283	-1.40197	0.894612	1.02499	1.02499	0.0370246	0.637013	-1.56983	0.263999	0.805077	-1.24212	0.000947557	0.39942	-2.50363	0.235169	0.793185	-1.26074	0.434639	0.862046	-1.16003	0.163422	0.758067	-1.31914	0.0248568	0.608175	-1.64426	4.12806	2.26717	0.488186	1
cg09690883	TAS2R38	6.88E-06	0.0472967	1.24667	1.24667	0.00695248	0.712315	-1.40387	0.129331	0.852825	-1.17257	1.42E-07	0.200893	-4.97778	0.415639	0.922356	-1.08418	0.636234	0.954772	-1.04737	0.226678	1.13123	1.13123	0.755257	1.03084	1.03084	1.00E-05	0.398234	-2.51109	44.69	6.67926	0.132851	1
cg11744116	TAS2R38	2.70E-05	2.59E-06	0.0927287	-10.7842	0.381253	0.828419	-1.20712	2.64E-05	0.175183	-5.70832	0.000120588	0.244571	-4.0888	0.0012705	0.373264	-2.67907	0.202256	0.754127	-1.32604	0.100113	0.685486	-1.45882	0.000161073	0.259071	-3.85995	4.08E-05	0.193849	-5.15865	31.2975	21.7769	0.618492	1
cg11277355	TAS2R38	0.000119965	5.26E-06	0.0525731	-19.0211	0.00975193	2.53929	2.53929	0.00125974	0.261246	-3.82781	0.487732	1.22262	1.22262	0.639409	0.87412	-1.14401	0.158391	0.650581	-1.53709	0.144959	0.639995	-1.56251	0.00257477	0.303777	-3.29188	0.000436694	0.205024	-4.87748	21.0867	27.1461	1.14431	1
cg12986639	TAS2R38	0.000287785	9.11E-06	0.092898	-10.7645	0.524913	0.852603	-1.17288	0.00608698	0.412153	-2.42629	0.489702	1.18967	1.18967	0.557817	1.15801	1.15801	0.33083	1.2819	1.2819	0.109907	1.53924	1.53924	0.00429054	0.388537	-2.57376	0.0017693	0.332193	-3.0103	16.6383	16.1419	0.862372	1
cg25481253	TAS2R38	0.00056362	3.36E-05	0.107579	-9.29547	0.889778	0.962279	-1.0392	0.00119778	0.268139	-3.7294	0.00349268	0.333249	-3.00076	0.00858415	0.394716	-2.53346	0.00416358	0.344749	-2.90066	0.824216	1.06363	1.06363	0.010275	0.407827	-2.45202	0.00131675	0.27357	-3.65537	13.8227	16.8338	1.08252	1
cg23678906	TAS2R38	0.000601425	0.000293555	0.349743	-2.85924	0.401588	1.16517	1.16517	0.00472462	0.512567	-1.95096	0.00040792	0.367898	-2.71814	0.482705	0.880704	-1.13546	0.784737	0.952416	-1.04996	0.000956409	0.416347	-2.40184	0.706445	0.934847	-1.06969	0.000238293	0.3384	-2.95508	13.5749	6.81649	0.446346	1
cg20896431	TAS2R39	0.00514238	0.000990943	0.149563	-6.68617	0.918779	1.0404	1.0404	0.0220889	0.344472	-2.903	0.00208963	0.186112	-5.3731	0.00659136	0.254155	-3.93461	0.50351	0.768273	-1.30162	0.0161244	0.318811	-3.13666	0.0217907	0.343329	-2.91266	0.00929916	0.277688	-3.60116	7.27591	17.374	2.12256	1
cg06489609	TAS2R39	0.00524427	0.00130228	0.112788	-8.86617	0.00191553	0.129034	-7.74989	0.0935918	0.423432	-2.36166	0.00514285	0.178689	-5.59633	0.00370881	0.160875	-6.21602	0.049462	0.351797	-2.84255	0.0413612	0.334051	-2.99356	0.0461149	0.344737	-2.90076	0.00747821	0.200941	-4.97659	7.23236	24.8755	3.0573	1
cg00027120	TAS2R39	0.0101548	0.0190345	0.281737	-3.54941	0.00169093	0.135056	-7.40432	0.230242	0.570232	-1.75367	0.811652	1.11241	1.11241	0.016504	0.270576	-3.69582	0.524692	1.33333	1.33333	0.00909409	0.227851	-4.38884	0.318387	0.631148	-1.58442	0.00576337	0.198966	-5.02598	5.88164	18.5512	2.80363	1
cg16450683	TAS2R4	0.0292796	0.721208	0.926043	-1.07986	0.000725656	0.33215	-3.01069	0.119516	1.43654	1.43654	0.861799	0.963326	-1.03807	0.982905	1.0046	1.0046	0.780368	1.06177	1.06177	0.240884	1.30118	1.30118	0.736924	0.930255	-1.07497	0.494901	1.16023	1.16023	4.12221	3.00192	0.647316	1
cg02341670	TAS2R40	0.00481252	0.0856576	0.66013	-1.51485	0.35736	1.22991	1.22991	0.0244845	0.556606	-1.7966	0.836182	1.04631	1.04631	0.000170846	0.247393	-4.04215	0.0274723	0.565455	-1.76849	0.915107	0.976958	-1.02359	0.0087577	0.481906	-2.0751	0.0923427	0.666974	-1.49931	7.42462	5.62027	0.67287	1
cg05862438	TAS2R40	0.0176391	0.0346064	0.544831	-1.83543	0.020148	0.50116	-1.99537	0.00347483	0.376192	-2.65821	0.0117177	0.460145	-2.17323	0.0388159	0.554506	-1.80341	0.99799	0.999379	-1.00062	0.164538	1.44128	1.44128	0.22506	0.730462	-1.369	0.112784	0.653455	-1.53033	4.90841	4.72307	0.855325	1
cg25023291	TAS2R42	0.0201358	0.027723	0.121773	-8.21199	0.00750949	0.0617765	-16.1874	0.0437115	0.153184	-6.52809	0.0982699	0.230539	-4.33767	0.0106257	0.0743041	-13.4582	0.0489873	0.16221	-6.16483	0.00390113	0.0431042	-23.1996	0.0959815	0.227785	-4.3901	0.0331549	0.133292	-7.50233	4.69375	48.6754	9.21801	1
cg17560179	TAS2R5	0.00175713	0.0292149	0.739286	-1.35266	0.00330988	1.60052	1.60052	0.00598008	0.655445	-1.52568	0.119065	0.819642	-1.22004	0.00749883	0.667221	-1.49875	0.709611	1.04496	1.04496	0.000790624	1.81526	1.81526	0.8863	1.01696	1.01696	0.681423	1.04973	1.04973	10.0115	2.19161	0.194586	1
cg15905634	TAS2R60	0.00361644	0.91369	0.978036	-1.02246	0.754664	0.937804	-1.06632	0.356381	0.823394	-1.21448	4.68E-05	0.207352	-4.82272	0.948626	0.986887	-1.01329	0.70405	1.08131	1.08131	0.119241	1.41389	1.41389	0.397218	1.19432	1.19432	0.931614	0.982572	-1.01774	8.09407	5.37916	0.590738	1
cg21057469	TAS2R60	0.0199614	0.411991	1.23082	1.23082	0.394346	0.805736	-1.2411	0.548473	0.860426	-1.16222	0.000682946	0.27674	-3.6135	0.53486	0.855895	-1.16837	0.142363	1.47765	1.47765	0.0734541	1.63908	1.63908	0.886356	0.965214	-1.03604	0.494494	1.18739	1.18739	4.70766	4.57029	0.862953	1
cg00777560	TAS2R7	0.00136155	0.00142329	0.299651	-3.33722	0.210406	1.41144	1.41144	0.402128	0.799398	-1.25094	0.00636931	0.395683	-2.52727	0.000576055	0.24881	-4.01913	0.0023292	0.329538	-3.03455	0.0468998	1.81117	1.81117	0.629931	1.13515	1.13515	0.00792616	0.411036	-2.43288	10.7753	11.6351	0.95982	1
cg18573244	TAS2R7	0.00623132	0.155949	1.46784	1.46784	0.00329855	0.363462	-2.75132	0.611058	1.13846	1.13846	0.0219146	2.00414	2.00414	0.0474204	1.77432	1.77432	0.00690528	2.42075	2.42075	0.00506235	2.55243	2.55243	0.780628	0.931845	-1.07314	0.784517	0.933047	-1.07176	6.8585	6.9438	0.899944	1
cg08507270	TAS2R8	0.000331359	2.77E-05	0.182543	-5.47815	0.287559	0.796596	-1.25534	0.00580317	0.475123	-2.10472	0.272332	0.790326	-1.2653	0.529374	1.14023	1.14023	0.238274	1.28968	1.28968	4.84E-05	0.207195	-4.82638	0.796236	1.05474	1.05474	0.11771	0.704758	-1.41893	16.008	10.7533	0.597109	1
cg20090497	TAS2R9	0.00805973	0.00141143	0.116284	-8.59965	0.011586	0.230037	-4.34714	0.0203211	0.2719	-3.67782	0.013811	0.242494	-4.12381	0.469499	0.709928	-1.40859	0.280725	0.593334	-1.68539	0.112709	0.447605	-2.23411	0.0420174	0.33593	-2.97681	0.00126071	0.111732	-8.94998	6.32931	21.7275	3.05141	1
cg13806095	TASP1	0.0012104	0.103189	0.481632	-2.07627	0.0310013	0.354206	-2.82322	0.0533673	0.406787	-2.45829	0.0791173	0.449784	-2.22329	0.00350351	0.197253	-5.06962	0.00517903	0.220331	-4.53863	6.90E-05	0.0507472	-19.7055	0.0188534	3.20887	3.20887	0.901588	0.950561	-1.05201	11.1443	29.6489	2.36485	1
cg18722919	TASP1	0.00561955	0.588712	1.12544	1.12544	0.8132	1.05258	1.05258	0.0584396	1.58859	1.58859	0.573843	1.13089	1.13089	0.562506	0.880957	-1.13513	0.0198639	1.83792	1.83792	0.00126921	0.361349	-2.76741	0.00585633	0.458012	-2.18335	0.0278608	0.569725	-1.75523	7.08062	5.2547	0.659666	1
cg01915642	TASP1	0.00894395	0.691379	0.927903	-1.0777	0.0307568	0.621385	-1.60931	0.0163463	0.576683	-1.73405	0.0109932	0.54974	-1.81904	0.00336537	0.473304	-2.11281	0.0875273	1.42434	1.42434	0.179267	1.30673	1.30673	0.526381	1.12793	1.12793	0.145208	1.34091	1.34091	6.1245	3.41114	0.495082	1
cg24027320	TASP1	0.0100706	0.405834	1.39268	1.39268	0.0941128	0.488274	-2.04803	0.841223	0.924851	-1.08126	0.538532	0.784632	-1.27448	0.00544883	0.240748	-4.15372	0.293264	0.654007	-1.52904	0.00115151	0.155586	-6.42731	0.0281212	2.74564	2.74564	0.715108	1.15347	1.15347	5.89734	14.1688	2.13562	1
cg14714711	TASP1	0.0161339	0.0484143	0.710777	-1.40691	0.0788126	0.744166	-1.34379	0.471	1.11741	1.11741	0.000525705	0.441333	-2.26586	0.0478598	0.710008	-1.40843	0.981517	1.00351	1.00351	0.0927184	0.755733	-1.32322	0.858103	1.02746	1.02746	0.112393	0.769772	-1.29909	5.05695	1.8356	0.322654	1
cg01032450	TASP1	0.0337676	0.441886	0.928055	-1.07752	0.0171597	1.31858	1.31858	0.171218	1.1488	1.1488	0.0339619	0.790015	-1.2658	0.609666	0.952154	-1.05025	0.655769	0.95818	-1.04365	0.994207	0.999309	-1.00069	0.0143641	0.750242	-1.3329	0.0647945	0.820797	-1.21833	3.91751	0.562512	0.127635	1
cg07477867	TAT	0.00082338	0.209487	0.534917	-1.86945	0.0172019	0.253336	-3.94732	0.000616702	0.0826235	-12.1031	0.963878	0.978807	-1.02165	0.000109182	0.0398185	-25.114	0.00926714	0.209757	-4.76742	0.000320494	0.0636504	-15.7108	0.904466	0.944791	-1.05844	0.00646844	0.187387	-5.33654	12.4309	44.0455	3.14954	1
cg10251217	TAT	0.00267526	0.0169737	0.149295	-6.69817	0.00145829	0.0496366	-20.1464	0.055937	0.243042	-4.11452	0.0874548	0.291573	-3.42967	0.00641618	0.0986382	-10.1381	0.00802714	0.108739	-9.19633	0.000420432	0.0259457	-38.542	0.00163293	0.0524639	-19.0607	0.0124529	0.131147	-7.62502	8.85344	59.8351	6.00747	1
cg08887933	TAT	0.00284945	0.0096212	0.659467	-1.51638	0.00274167	0.591471	-1.6907	0.000808823	0.526288	-1.9001	0.194177	0.839891	-1.19063	0.452333	0.907321	-1.10215	0.424033	1.10929	1.10929	0.0047052	1.61146	1.61146	0.571901	0.930011	-1.07526	0.0727505	0.775468	-1.28954	8.68982	2.22077	0.227165	1
cg08862162	TAT	0.00599925	0.011739	0.580809	-1.72174	0.178416	1.27989	1.27989	0.129915	0.753999	-1.32626	0.14304	0.762104	-1.31216	0.0314343	0.646888	-1.54586	0.000203208	0.341237	-2.93051	0.143885	0.762604	-1.3113	0.0273001	0.637127	-1.56955	0.348962	0.846689	-1.18107	6.93943	3.27417	0.419396	1
cg22136365	TAT	0.0399496	0.0575508	0.423115	-2.36342	0.00580253	0.235242	-4.25094	0.0150518	0.30221	-3.30896	0.0813477	0.461284	-2.16786	0.170374	0.55725	-1.79453	0.047806	0.404036	-2.47503	0.960785	1.01989	1.01989	0.0247715	0.342894	-2.91635	0.70548	0.85894	-1.16423	3.68485	9.35989	2.25787	1
cg02049840	TATDN1;TATDN1;NDUFB9;TATDN1	0.00527833	0.712393	0.941151	-1.06253	0.403646	0.869372	-1.15026	0.447357	1.13525	1.13525	0.495952	0.892934	-1.1199	0.432951	1.14006	1.14006	0.354503	0.855534	-1.16886	5.72E-05	0.294319	-3.39768	0.613812	0.920027	-1.08692	0.870826	1.02702	1.02702	7.21804	3.06731	0.377734	1
cg26120756	TATDN1;TATDN1;TATDN1;NDUFB9	0.00343308	0.459437	1.07437	1.07437	0.000815126	0.618357	-1.61719	0.146346	0.861998	-1.1601	0.38025	1.0895	1.0895	0.0353236	1.26293	1.26293	0.0358201	1.26188	1.26188	0.00152456	0.647491	-1.54442	0.512665	1.06528	1.06528	0.447596	1.0765	1.0765	8.22114	1.18107	0.1277	1
cg12666819	TATDN1;TATDN1;TATDN1;NDUFB9	0.00448063	0.0468257	1.17073	1.17073	0.00837912	0.791922	-1.26275	0.914123	0.992556	-1.0075	0.0248891	1.20311	1.20311	0.989421	1.00092	1.00092	0.000820622	1.41794	1.41794	0.804891	0.983004	-1.01729	0.0205508	1.21319	1.21319	0.0152921	1.22907	1.22907	7.58765	0.576492	0.0675358	1
cg11146569	TATDN1;TATDN1;TATDN1;TATDN1;TATDN1;NDUFB9	0.0106674	0.920439	1.01232	1.01232	0.530703	0.925093	-1.08097	0.290027	1.14412	1.14412	0.736267	0.959403	-1.04231	0.0652076	0.775855	-1.2889	0.245259	1.16068	1.16068	0.000220703	0.470234	-2.1266	0.745887	0.960918	-1.04067	0.399274	1.1116	1.1116	5.78945	1.37823	0.211609	1
cg09821991	TATDN2	0.00821456	0.024555	0.74327	-1.34541	0.774508	1.03233	1.03233	0.0940914	1.2262	1.2262	0.580063	0.939964	-1.06387	0.343459	1.11418	1.11418	0.545289	0.934433	-1.07017	0.00268163	0.631447	-1.58366	0.00100623	0.582295	-1.71734	0.874179	0.982597	-1.01771	6.29149	1.22292	0.17278	1
cg13151140	TATDN2	0.034455	0.130471	0.672169	-1.48772	0.00602196	2.39367	2.39367	0.450682	0.829497	-1.20555	0.479584	0.839617	-1.19102	0.328507	0.782464	-1.27801	0.170754	1.42588	1.42588	0.109152	0.653827	-1.52946	0.0487701	0.578453	-1.72875	0.198684	1.39148	1.39148	3.88913	3.64404	0.832871	1
cg10387416	TATDN2;TATDN2	0.0115813	0.375044	0.91433	-1.0937	0.000553545	1.69436	1.69436	0.464205	1.07604	1.07604	0.0681175	0.817945	-1.22258	0.124219	0.84895	-1.17793	0.0537476	0.806176	-1.24042	0.616406	0.951529	-1.05094	0.394507	1.08958	1.08958	0.833828	0.979546	-1.02088	5.63799	0.864103	0.136235	1
cg14011734	TATDN2;TATDN2	0.018922	0.0656837	0.56051	-1.78409	0.313478	0.746631	-1.33935	0.224344	0.699257	-1.43009	0.0373832	1.96808	1.96808	0.121349	0.624539	-1.60118	0.00113896	0.261526	-3.82371	0.14803	0.647308	-1.54486	0.287034	0.733562	-1.36321	0.0815052	0.582071	-1.718	4.79372	5.96393	1.10588	1
cg27390425	TATDN3;TATDN3;NSL1;NSL1;TATDN3;TATDN3;TATDN3	0.00385205	0.988232	1.00336	1.00336	0.000682791	3.25585	3.25585	0.70614	0.917438	-1.08999	0.852579	1.04323	1.04323	0.272379	1.2968	1.2968	0.0611959	0.618846	-1.61591	0.00233824	0.380414	-2.62872	0.0352771	1.74675	1.74675	0.0581995	1.62743	1.62743	7.94211	6.50962	0.728563	1
cg17405253	TATDN3;TATDN3;NSL1;NSL1;TATDN3;TATDN3;TATDN3	0.00818498	0.13688	0.918344	-1.08892	0.491313	1.03786	1.03786	0.00387589	1.22973	1.22973	0.043925	0.884182	-1.13099	0.303938	1.05823	1.05823	0.0352301	0.877761	-1.13926	0.00225289	0.796695	-1.25519	0.701845	1.02066	1.02066	0.619063	0.973707	-1.027	6.29864	0.28191	0.0397843	1
cg26670100	TATDN3;TATDN3;NSL1;NSL1;TATDN3;TATDN3;TATDN3	0.0187136	0.803866	0.956172	-1.04584	0.473874	1.14019	1.14019	0.0166939	1.69262	1.69262	0.475983	0.877616	-1.13945	0.102173	1.38013	1.38013	0.00173635	0.447315	-2.23556	?	?	?	0.553827	1.1139	1.1139	0.948497	1.0117	1.0117	4.90002	2.23783	0.456698	1
cg18755581	TATDN3;TATDN3;NSL1;TATDN3;TATDN3;TATDN3;NSL1	0.00830583	0.554243	0.786729	-1.27109	0.91316	1.04463	1.04463	0.509951	1.30749	1.30749	0.627616	0.822104	-1.21639	0.000172645	0.0612293	-16.332	0.672578	1.18565	1.18565	0.0289481	0.347147	-2.88062	0.309574	0.655014	-1.52669	0.378732	1.43747	1.43747	7.16563	17.7991	1.93196	1
cg01785514	TATDN3;TATDN3;TATDN3;TATDN3;TATDN3	0.00327322	0.00274654	0.182592	-5.4767	0.285919	0.633808	-1.57776	0.227316	0.593628	-1.68456	0.656388	0.83173	-1.20231	0.000290416	0.087901	-11.3764	0.0215189	0.321063	-3.11466	0.00242172	0.175927	-5.68416	0.177875	1.80239	1.80239	0.0684962	0.432081	-2.31438	8.33903	22.3602	2.38346	1
cg03150322	TATDN3;TATDN3;TATDN3;TATDN3;TATDN3;NSL1;TATDN3;TATDN3;TATDN3;NSL1;TATDN3;TATDN3	0.0433137	0.68345	1.0541	1.0541	0.231379	0.851021	-1.17506	0.0811279	1.28209	1.28209	0.887389	0.981957	-1.01837	0.66288	0.945191	-1.05799	0.77102	0.963193	-1.03821	0.00117549	0.54236	-1.84379	0.740416	0.958175	-1.04365	0.958076	0.993267	-1.00678	3.57617	0.935301	0.232478	1
cg20914370	TAX1BP1;TAX1BP1	7.60E-06	8.61E-06	0.223612	-4.47203	1.81E-05	0.267567	-3.73738	2.75E-06	6.16808	6.16808	0.100768	1.23208	1.23208	0.0311105	0.739545	-1.35218	1.24E-05	0.244702	-4.0866	0.00268154	0.589237	-1.69711	0.00226234	0.578506	-1.72859	0.428378	0.9126	-1.09577	100.224	19.0573	0.126764	1
cg25428423	TAX1BP1;TAX1BP1	0.0139814	0.0184063	0.756829	-1.3213	0.0014154	1.56839	1.56839	0.0339137	1.27284	1.27284	0.98939	1.0013	1.0013	0.0904569	1.1993	1.1993	0.811116	0.976945	-1.0236	0.157594	1.1586	1.1586	0.121288	1.17781	1.17781	0.15985	1.15756	1.15756	5.3022	0.797006	0.133614	1
cg08612570	TAX1BP1;TAX1BP1	0.0140289	0.047195	0.633445	-1.57867	0.201026	0.762227	-1.31194	0.455435	0.858262	-1.16515	0.206095	0.764791	-1.30755	0.0018177	0.410154	-2.43811	0.00506979	0.474759	-2.10633	0.0332971	0.606421	-1.64902	0.613338	0.902625	-1.10788	0.00397548	0.459057	-2.17838	5.2963	3.39081	0.569086	1
cg13334285	TAX1BP1;TAX1BP1	0.0178175	0.0015349	0.0359198	-27.8398	0.937285	0.944195	-1.0591	0.177049	2.84909	2.84909	?	?	?	0.182395	0.356059	-2.80852	?	?	?	?	?	?	0.552274	1.55079	1.55079	0.197366	2.70306	2.70306	5.2431	29.4776	7.49623	1
cg18243542	TAX1BP1;TAX1BP1	0.0451926	0.0621345	0.491101	-2.03624	0.646541	0.855264	-1.16923	0.814896	0.923661	-1.08265	0.387598	0.740923	-1.34967	0.00230015	0.236309	-4.23174	0.0739655	0.509493	-1.96274	0.0417616	0.45173	-2.21371	0.70542	1.13723	1.13723	0.0609376	0.489094	-2.0446	3.51989	6.39177	1.61413	1
cg11331769	TAZ;TAZ;DNASE1L1;DNASE1L1;TAZ;DNASE1L1;TAZ;TAZ	0.000814228	0.00271499	0.40886	-2.44582	0.000801732	0.335239	-2.98295	0.0120953	0.508796	-1.96543	0.442849	0.844518	-1.18411	0.000155535	0.246888	-4.05042	0.243584	0.768345	-1.3015	0.0637132	1.56863	1.56863	0.00219364	0.395504	-2.52842	0.0032512	0.420316	-2.37916	12.4701	9.21268	0.656697	1
cg26735105	TAZ;TAZ;TAZ;TAZ;TAZ	0.000338287	0.703723	1.08854	1.08854	0.109451	0.678745	-1.47331	0.000377878	0.283249	-3.53046	0.242713	0.762266	-1.31188	1.85E-05	0.14403	-6.943	0.31554	1.25914	1.25914	0.00514035	2.27188	2.27188	0.373916	1.22466	1.22466	0.560732	0.877556	-1.13953	15.9173	12.4289	0.694078	1
cg08266311	TBC1D1	0.000130235	0.355037	0.888596	-1.12537	5.30E-05	2.55251	2.55251	0.121855	1.23143	1.23143	0.00630891	1.55519	1.55519	7.20E-05	0.407555	-2.45365	0.89071	0.983078	-1.01721	0.0439961	0.750266	-1.33286	0.00065408	1.91267	1.91267	0.345845	0.886458	-1.12809	20.6266	5.03461	0.216963	1
cg20617977	TBC1D1	0.000454184	0.0021524	0.506163	-1.97565	0.0502162	0.702729	-1.42302	0.82972	1.03462	1.03462	0.0110922	1.65413	1.65413	0.00523427	0.55873	-1.78977	0.0103872	0.600481	-1.66533	0.000780656	0.44797	-2.23229	0.000346595	2.48313	2.48313	0.336442	0.855026	-1.16955	14.6761	5.80477	0.351577	1
cg25608041	TBC1D1	0.000500325	0.000557689	3.29967	3.29967	0.0576255	1.61397	1.61397	7.73E-05	4.93344	4.93344	0.000158394	4.22196	4.22196	0.0253369	1.80898	1.80898	0.053056	1.63255	1.63255	0.0252162	1.81019	1.81019	0.0630896	1.59383	1.59383	0.000349421	3.60283	3.60283	14.2879	11.2502	0.699906	1
cg00737514	TBC1D1	0.000686745	0.72304	1.04236	1.04236	0.00623109	0.659872	-1.51544	0.0252577	0.73331	-1.36368	9.12E-05	0.442558	-2.25959	0.40694	1.10397	1.10397	0.000373108	0.514976	-1.94184	0.487291	0.921011	-1.08576	0.00056475	0.53631	-1.86459	0.972926	0.996051	-1.00396	13.0808	2.81621	0.191372	1
cg19326874	TBC1D1	0.000923912	0.58442	1.0774	1.0774	0.96082	0.993392	-1.00665	0.00625328	0.618222	-1.61754	0.214847	0.838427	-1.19271	0.0274082	0.703162	-1.42215	0.643445	0.939025	-1.06493	3.21E-05	2.98014	2.98014	0.843116	0.973611	-1.0271	0.0603016	0.751295	-1.33104	12.0332	3.47169	0.256453	1
cg14409701	TBC1D1	0.0033455	0.314685	0.885401	-1.12943	0.130231	1.21086	1.21086	0.465366	0.9167	-1.09087	0.00109942	1.75662	1.75662	0.90338	0.985884	-1.01432	0.00151682	1.70692	1.70692	0.00065666	1.84255	1.84255	0.175213	1.18385	1.18385	0.362921	1.11568	1.11568	8.28486	1.79817	0.192927	1
cg08936645	TBC1D1	0.00339003	0.0690727	2.41195	2.41195	0.61173	1.24802	1.24802	0.00158336	0.140438	-7.12059	0.494529	1.35019	1.35019	0.633297	1.23126	1.23126	0.100161	2.18072	2.18072	0.00230329	0.158251	-6.31906	0.00347576	5.5658	5.5658	0.845204	1.08829	1.08829	8.25221	24.484	2.6373	1
cg04099808	TBC1D1	0.00417975	0.359973	1.09546	1.09546	0.353803	0.911724	-1.09682	0.0310212	0.78249	-1.27797	0.465504	1.0746	1.0746	0.121971	0.850109	-1.17632	0.00341088	1.47034	1.47034	0.000974846	1.60845	1.60845	0.647244	0.956349	-1.04564	0.0219978	0.766332	-1.30492	7.74901	1.15173	0.132115	1
cg08462501	TBC1D1	0.00520426	0.55052	1.11877	1.11877	0.176139	1.30634	1.30634	0.0356501	1.57514	1.57514	0.33617	0.831716	-1.20233	0.82106	0.95878	-1.04299	0.00458135	2.01644	2.01644	0.000491385	2.75756	2.75756	0.00228834	2.2085	2.2085	0.275337	1.23475	1.23475	7.24933	3.9639	0.48604	1
cg15657686	TBC1D1	0.00520572	0.0162546	0.379597	-2.63437	0.00446816	0.286589	-3.48932	0.00289	0.259196	-3.85808	0.0926442	0.543406	-1.84025	0.00191446	0.234954	-4.25615	0.736216	0.894549	-1.11788	0.0022881	0.245258	-4.07734	0.0137431	0.366399	-2.72926	0.0336401	0.441386	-2.26559	7.24871	12.4711	1.52929	1
cg26167029	TBC1D1	0.00805401	0.0795012	0.785959	-1.27233	0.60778	0.93795	-1.06616	0.108923	0.805466	-1.24152	0.613471	1.06506	1.06506	9.72E-05	0.42429	-2.35688	0.459842	0.911085	-1.09759	0.281026	0.870535	-1.14872	0.636439	0.942784	-1.06069	0.137609	0.820486	-1.21879	6.33073	1.53524	0.21556	1
cg05796128	TBC1D1	0.00923381	0.00770747	0.511663	-1.95441	0.00279391	0.446404	-2.24012	0.283392	0.804005	-1.24377	0.189737	0.761955	-1.31241	0.257398	0.793466	-1.26029	0.183608	0.758712	-1.31802	0.00565929	2.03519	2.03519	0.402512	1.18257	1.18257	0.633136	1.0987	1.0987	6.06278	3.67864	0.539341	1
cg09569989	TBC1D1	0.0119049	0.123095	2.14004	2.14004	0.304376	0.616026	-1.62331	0.24824	0.577089	-1.73283	0.344161	1.55864	1.55864	0.0012716	0.117527	-8.50871	0.747939	0.863421	-1.15818	0.00473456	0.181074	-5.5226	0.275249	1.67697	1.67697	0.103524	0.444445	-2.25	5.5879	18.3587	2.92038	1
cg07893491	TBC1D1	0.0168596	0.816521	0.935848	-1.06855	0.00281587	0.309154	-3.23463	0.912931	0.969279	-1.03169	0.0162479	0.432366	-2.31286	0.359877	0.76449	-1.30806	0.00386785	0.329507	-3.03483	0.00997964	0.395286	-2.52981	0.394795	0.779865	-1.28227	0.102899	0.601086	-1.66366	4.98328	6.42304	1.14571	1
cg06763593	TBC1D1	0.0244396	0.00649157	0.185154	-5.4009	0.279481	0.585098	-1.70912	0.933884	0.96122	-1.04034	0.0397408	0.321923	-3.10633	0.00776658	0.196013	-5.1017	0.573887	0.762725	-1.31109	0.00685526	0.188403	-5.30776	0.644088	1.24828	1.24828	0.0744212	0.387702	-2.5793	4.39168	15.8057	3.19912	1
cg04931383	TBC1D1	0.0258744	0.0189228	0.495606	-2.01773	0.156366	0.687663	-1.4542	0.564422	0.865991	-1.15475	0.0754846	0.613423	-1.6302	0.00154542	0.324795	-3.07887	0.246882	0.741534	-1.34856	0.00894387	0.439887	-2.27331	0.0928755	0.633422	-1.57873	0.567942	0.86714	-1.15322	4.30535	4.15892	0.858657	1
cg17185267	TBC1D1	0.0269857	0.266407	0.633068	-1.57961	0.276515	0.639629	-1.56341	0.0292486	0.362724	-2.75692	0.338268	1.47657	1.47657	0.0090321	0.269739	-3.70728	0.00946797	0.273052	-3.66231	0.256826	0.626722	-1.5956	0.858722	1.07288	1.07288	0.00906471	0.269992	-3.70382	4.24245	10.4732	2.19437	1
cg07942920	TBC1D1	0.0273447	0.908689	1.02616	1.02616	0.146518	0.704172	-1.42011	0.0395419	0.5852	-1.70882	0.0338346	0.572567	-1.74652	0.0448273	0.595555	-1.67911	0.023468	0.54383	-1.83881	0.1473	0.704719	-1.41901	0.088068	1.52747	1.52747	0.0100728	0.481507	-2.07681	4.22282	3.38732	0.713019	1
cg10274108	TBC1D1	0.0282341	0.514803	0.790277	-1.26538	0.0379382	2.35739	2.35739	0.493373	0.780458	-1.2813	0.11759	0.545719	-1.83245	0.00294412	0.233387	-4.28473	0.02448	0.384804	-2.59873	0.812045	0.918617	-1.08859	0.657449	0.85297	-1.17237	0.0854887	0.507942	-1.96873	4.17551	8.39728	1.78762	1
cg20419181	TBC1D1	0.0350809	0.155591	1.62269	1.62269	0.00347993	3.53715	3.53715	0.00668645	3.06751	3.06751	0.471799	1.26262	1.26262	0.027463	2.29537	2.29537	0.489353	1.25075	1.25075	0.56615	0.831297	-1.20294	0.709274	1.12673	1.12673	0.189143	1.55766	1.55766	3.8639	6.21141	1.42893	1
cg12958046	TBC1D1	0.0390889	0.176723	0.728906	-1.37192	0.0372658	0.587215	-1.70295	0.0603713	0.627273	-1.5942	0.134732	1.4263	1.4263	0.0638623	0.632121	-1.58198	0.0596323	0.626216	-1.59689	0.544314	1.14468	1.14468	0.0415062	1.67802	1.67802	0.357757	0.812002	-1.23152	3.71448	2.85245	0.682603	1
cg08056778	TBC1D1	0.0406924	0.147154	1.41686	1.41686	0.516434	0.862984	-1.15877	0.289945	0.781911	-1.27892	0.952053	0.986622	-1.01356	0.506761	1.16285	1.16285	0.292469	1.27716	1.27716	0.0026698	2.5351	2.5351	0.0192093	1.88613	1.88613	0.141168	1.42541	1.42541	3.6599	2.9081	0.706296	1
cg09578829	TBC1D1	0.0499752	0.299032	1.44024	1.44024	0.124516	1.75712	1.75712	0.021038	0.390371	-2.56166	0.650035	1.16744	1.16744	0.755674	0.899613	-1.11159	0.502604	1.25935	1.25935	0.0630597	0.492307	-2.03125	0.0152733	2.74436	2.74436	0.507478	1.25596	1.25596	3.38877	6.16517	1.61715	1
cg04644624	TBC1D10A	0.00281908	0.000173038	0.287781	-3.47487	0.0233982	1.69724	1.69724	0.682768	0.922878	-1.08357	0.098001	0.701515	-1.42549	0.266002	0.797416	-1.25405	0.0733025	0.677011	-1.47708	0.0160022	1.77885	1.77885	0.0651692	0.667389	-1.49838	0.816416	1.04647	1.04647	8.71743	5.26691	0.53705	1
cg27060381	TBC1D10A	0.0408556	0.0103057	0.356952	-2.8015	0.252903	1.46311	1.46311	0.629086	1.16778	1.16778	0.079132	0.537289	-1.86119	0.0396911	0.468612	-2.13396	0.29319	0.706449	-1.41553	0.0859283	0.546196	-1.83084	0.0225182	0.418605	-2.38889	0.0621701	0.512145	-1.95257	3.6545	5.87819	1.42976	1
cg11919694	TBC1D10B	0.00177387	0.482221	0.901969	-1.10869	0.020186	0.667187	-1.49883	0.0414382	1.40454	1.40454	0.14354	1.25488	1.25488	0.698141	1.05791	1.05791	0.915686	1.01542	1.01542	4.69E-05	0.329878	-3.03142	0.044315	0.716278	-1.39611	0.49605	0.904981	-1.105	9.98402	3.29951	0.293759	1
cg00471989	TBC1D10B	0.00443063	0.00157334	0.401752	-2.48909	0.141048	0.727623	-1.37434	0.337942	1.21947	1.21947	0.686703	0.921785	-1.08485	0.00926384	0.515158	-1.94115	0.255379	0.787805	-1.26935	0.00188868	0.41285	-2.42219	0.00102114	0.375997	-2.65959	0.147016	0.731549	-1.36696	7.61351	4.8648	0.567973	1
cg01405684	TBC1D10B	0.00722986	0.00295583	0.344758	-2.90058	0.458133	1.21795	1.21795	0.605836	0.872975	-1.14551	0.00325031	0.350857	-2.85016	0.00308792	0.347558	-2.87722	0.872226	0.958864	-1.0429	0.097614	1.60696	1.60696	0.286054	0.748906	-1.33528	0.0376828	0.533046	-1.87601	6.54874	7.06404	0.958832	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02847575	TBC1D10B	0.00917923	0.378349	0.863163	-1.15853	0.46494	1.12872	1.12872	0.00193772	2.04215	2.04215	0.650504	0.928433	-1.07708	0.0443105	0.686536	-1.45659	0.500749	1.11769	1.11769	0.181362	1.25987	1.25987	0.00384845	1.88539	1.88539	0.0174548	1.60176	1.60176	6.07422	2.54996	0.373156	1
cg10424530	TBC1D10B	0.0096825	0.00805128	0.328198	-3.04694	0.0236701	0.412073	-2.42675	0.0805014	1.8894	1.8894	0.0240347	0.413374	-2.41912	0.0495685	0.479346	-2.08617	0.0264229	0.421514	-2.3724	0.384823	1.33969	1.33969	0.279736	1.44601	1.44601	0.0544784	2.0464	2.0464	5.97185	10.1883	1.51649	1
cg26843872	TBC1D10B	0.0338802	0.0054144	0.422286	-2.36806	0.0571384	0.602381	-1.66008	0.978042	1.0065	1.0065	0.983721	0.995206	-1.00482	0.0638661	0.61228	-1.63324	0.665287	0.902568	-1.10795	0.403261	0.817554	-1.22316	0.0173382	1.97878	1.97878	0.321298	0.785588	-1.27293	3.91281	3.43724	0.780852	1
cg09439599	TBC1D10B	0.0375379	0.0993536	0.801685	-1.24737	0.421395	1.10572	1.10572	0.978002	1.00338	1.00338	0.365171	1.12059	1.12059	0.211327	1.17484	1.17484	0.722675	0.957335	-1.04457	0.00393187	0.622022	-1.60766	0.0236059	0.718396	-1.39199	0.358702	1.12242	1.12242	3.76996	0.893981	0.210785	1
cg11600161	TBC1D10C	0.00518088	0.154937	0.7676	-1.30276	0.0626641	1.43904	1.43904	0.308728	0.832728	-1.20087	0.151233	0.765505	-1.30633	0.000501323	0.388433	-2.57445	0.232609	1.24295	1.24295	0.0113655	1.7343	1.7343	0.339867	0.842893	-1.18639	0.0490859	0.676827	-1.47748	7.25933	3.47101	0.425017	1
cg10402417	TBC1D10C	0.0343441	0.0643863	0.64209	-1.55741	0.0329625	0.587578	-1.7019	0.00406907	0.439469	-2.27547	0.0508304	0.62229	-1.60697	0.388062	0.828107	-1.20757	0.452585	0.849467	-1.17721	0.136048	1.40843	1.40843	0.194855	0.746499	-1.33959	0.0557335	0.629924	-1.58749	3.89367	2.80319	0.639942	1
cg21383151	TBC1D12	0.00183534	5.36E-05	0.0622144	-16.0735	0.0772	0.515968	-1.9381	0.020818	0.387038	-2.58372	0.327084	1.40041	1.40041	0.600048	0.839041	-1.19184	0.456945	1.28614	1.28614	0.256208	1.48466	1.48466	0.0432658	2.19752	2.19752	0.60862	1.18685	1.18685	11.8186	20.1066	1.32321	1
cg08383902	TBC1D12	0.00381461	0.385398	1.17239	1.17239	0.355607	0.843809	-1.1851	0.00293021	0.481723	-2.07588	0.255372	0.808784	-1.23642	0.799463	1.04655	1.04655	0.0468404	1.50186	1.50186	0.000518597	2.63176	2.63176	0.0201761	1.64996	1.64996	0.968054	0.992868	-1.00718	7.96547	4.02967	0.449682	1
cg11821440	TBC1D12	0.00609045	0.511235	1.10897	1.10897	0.0563379	1.39859	1.39859	0.00217786	1.94944	1.94944	0.0730263	1.36397	1.36397	0.00628676	0.575464	-1.73773	0.172315	1.25296	1.25296	0.460724	1.12365	1.12365	0.0185215	1.55793	1.55793	0.00634433	1.73608	1.73608	6.90717	2.63633	0.339271	1
cg03771939	TBC1D12	0.0123518	0.0236259	0.260256	-3.84237	0.00202485	0.114357	-8.74456	0.398369	0.650051	-1.53834	0.42371	0.665647	-1.5023	0.0203481	0.248341	-4.02673	0.0368724	0.298926	-3.34531	0.00130331	0.097076	-10.3012	0.295831	0.582761	-1.71597	0.094347	0.4001	-2.49937	5.52143	21.6972	3.493	1
cg15744869	TBC1D12	0.0127221	0.206727	1.24379	1.24379	0.604182	1.08946	1.08946	0.329452	0.847991	-1.17926	0.0296892	1.52088	1.52088	0.00136894	0.467214	-2.14035	0.0345846	1.49735	1.49735	0.63686	0.92505	-1.08102	0.184826	0.794209	-1.25911	0.146921	0.774893	-1.2905	5.46858	2.32463	0.377856	1
cg24976385	TBC1D12	0.0139682	0.126494	1.37892	1.37892	0.251391	0.792217	-1.26228	0.606076	0.903834	-1.1064	0.0814031	1.45565	1.45565	0.324598	0.820595	-1.21863	0.0201899	1.72376	1.72376	0.00166402	0.417142	-2.39726	0.090896	0.696278	-1.43621	0.725957	0.933887	-1.07079	5.30384	3.17357	0.53187	1
cg03814556	TBC1D12	0.0164157	0.342007	0.7957	-1.25676	0.156216	0.701827	-1.42485	0.0144943	0.495044	-2.02002	0.147841	0.695988	-1.43681	0.144921	0.693894	-1.44114	0.550708	0.868559	-1.15133	0.00415257	2.45191	2.45191	0.233323	0.746999	-1.33869	0.0125169	0.484266	-2.06498	5.02787	4.33876	0.767061	1
cg11149409	TBC1D12	0.0190741	0.889647	0.983235	-1.01705	0.0131542	1.45414	1.45414	0.337068	1.1281	1.1281	0.961689	0.994167	-1.00587	0.224409	0.856058	-1.16814	0.449239	0.910368	-1.09846	0.625244	1.06178	1.06178	0.0714527	0.782583	-1.27782	0.00154873	1.74079	1.74079	4.78077	1.12295	0.20879	1
cg19692584	TBC1D12	0.0388962	0.0317768	0.281138	-3.55697	0.0577748	0.339063	-2.9493	0.894632	0.935376	-1.06909	0.886793	0.930702	-1.07446	0.0259909	0.263885	-3.78953	0.0629291	0.348268	-2.87135	0.00264639	0.122827	-8.14156	0.768838	0.861931	-1.16019	0.180142	0.487918	-2.04953	3.72122	14.98	3.57829	1
cg07508229	TBC1D12;TBC1D12	0.0284	0.0201145	0.280924	-3.55969	0.318905	1.59436	1.59436	0.288058	1.64787	1.64787	0.00513784	0.187541	-5.33218	?	?	?	0.796705	0.889669	-1.12401	?	?	?	0.489807	1.37395	1.37395	0.0973959	0.438794	-2.27897	4.32658	10.9295	2.887	1
cg26461589	TBC1D13	0.000375307	0.935466	1.02538	1.02538	5.90E-05	9.9831	9.9831	0.601155	1.17729	1.17729	0.0432874	2.05313	2.05313	0.255781	0.692726	-1.44357	0.000405664	5.69351	5.69351	0.286064	0.709744	-1.40896	0.0203545	2.37579	2.37579	0.000126743	7.88017	7.88017	15.4694	23.4626	1.34819	1
cg27625732	TBC1D13	0.0118359	0.0496023	1.53704	1.53704	0.878185	0.970996	-1.02987	0.0164667	1.75487	1.75487	0.273246	1.24459	1.24459	0.619654	1.10078	1.10078	0.00660462	1.96741	1.96741	0.00138899	2.43326	2.43326	0.370435	1.19303	1.19303	0.0939023	0.702243	-1.42401	5.59844	3.26517	0.518425	1
cg13682704	TBC1D13;TBC1D13	0.00153397	0.000155819	0.262012	-3.81661	?	?	?	0.248589	1.28336	1.28336	0.0595406	0.644106	-1.55254	0.965783	1.00891	1.00891	0.118587	0.704361	-1.41973	0.00371669	0.444539	-2.24952	0.0155374	0.541245	-1.84759	0.0230169	1.75486	1.75486	10.6539	6.41767	0.602376	1
cg00813886	TBC1D14;TBC1D14	8.20E-05	0.0231589	1.145	1.145	0.490804	0.965697	-1.03552	0.00118004	0.788751	-1.26783	0.00328267	0.818887	-1.22117	0.204927	0.935469	-1.06898	0.340899	0.952231	-1.05017	6.02E-06	1.65871	1.65871	0.0118854	1.16952	1.16952	0.00180692	1.24769	1.24769	23.345	0.919656	0.035017	1
cg14582824	TBC1D14;TBC1D14	8.64E-05	0.477149	1.2589	1.2589	6.61E-05	0.0971904	-10.2891	0.92599	0.970838	-1.03004	2.17E-06	0.0247629	-40.383	0.581367	0.837451	-1.1941	0.908158	1.03744	1.03744	0.386523	1.32678	1.32678	0.941566	1.02363	1.02363	0.358468	1.35092	1.35092	23.0191	36.9905	1.4284	1
cg18077418	TBC1D14;TBC1D14	0.000315761	0.520511	0.936311	-1.06802	0.0015506	0.631404	-1.58377	0.000368224	0.562014	-1.77931	0.00916206	0.715788	-1.39706	0.379492	1.09537	1.09537	0.777382	0.971767	-1.02905	7.50E-05	2.0674	2.0674	0.691231	1.04116	1.04116	0.00926183	0.716302	-1.39606	16.2211	2.62252	0.14371	1
cg05978244	TBC1D14;TBC1D14	0.000519423	1.72E-05	0.309589	-3.23009	0.243975	1.17605	1.17605	0.18449	0.829234	-1.20593	0.070436	1.30864	1.30864	0.00166336	0.549668	-1.81928	0.804225	1.03359	1.03359	0.144774	1.23165	1.23165	0.26704	1.16629	1.16629	0.0586548	0.752662	-1.32862	14.1402	3.96321	0.249138	1
cg01810502	TBC1D14;TBC1D14	0.000903576	0.0215135	0.725268	-1.3788	0.147299	0.834528	-1.19828	0.0106265	0.688181	-1.45311	0.00296013	0.622166	-1.60729	3.56E-05	0.395396	-2.52911	0.0052237	0.651396	-1.53516	0.0649785	1.27259	1.27259	0.0393388	0.75781	-1.31959	0.0505283	0.77164	-1.29594	12.1091	2.59515	0.190501	1
cg04254028	TBC1D14;TBC1D14	0.00586569	0.702833	0.925233	-1.08081	0.0149542	1.83423	1.83423	0.0030337	0.438881	-2.27852	0.00886699	0.508999	-1.96464	0.723432	1.07469	1.07469	0.245217	1.27944	1.27944	0.00979349	1.93886	1.93886	0.061161	1.53381	1.53381	0.957103	0.989154	-1.01096	6.98779	4.54883	0.578638	1
cg04207632	TBC1D14;TBC1D14	0.0100041	0.406323	0.634007	-1.57727	0.000370847	0.0470712	-21.2444	0.0410878	0.282426	-3.54075	0.0835646	2.7937	2.7937	0.365307	0.607155	-1.64703	0.234	0.512084	-1.95281	0.0950701	0.373845	-2.67491	0.0755845	0.346096	-2.88937	0.355113	1.66576	1.66576	5.90985	26.9332	4.05097	1
cg16851482	TBC1D14;TBC1D14	0.010477	0.0748665	0.249469	-4.00851	0.0100576	9.71173	9.71173	0.231433	2.40708	2.40708	0.414411	1.79296	1.79296	0.00936425	0.0996555	-10.0346	0.177048	2.72953	2.72953	0.0770184	0.252578	-3.95917	0.0133371	8.54525	8.54525	0.155613	2.8959	2.8959	5.82303	45.1676	6.89486	1
cg19906672	TBC1D14;TBC1D14	0.0147141	0.0275817	0.259055	-3.86018	0.00130265	0.0882434	-11.3323	0.00412357	0.136081	-7.34858	0.813545	0.884712	-1.13031	0.0508836	0.31565	-3.16806	0.407282	0.64437	-1.5519	0.0374629	0.286011	-3.49637	0.0325248	0.273255	-3.65958	0.624525	0.77434	-1.29142	5.21375	22.1947	3.78397	1
cg20723412	TBC1D14;TBC1D14	0.0205832	0.338484	0.755442	-1.32373	0.0463504	0.522735	-1.91302	0.182226	0.668696	-1.49545	0.153647	0.647768	-1.54376	0.0738307	0.567567	-1.76191	0.00174418	0.281208	-3.55608	0.00584123	0.358492	-2.78946	0.508078	1.21028	1.21028	0.0427621	0.515353	-1.94042	4.65878	5.96142	1.13743	1
cg16574807	TBC1D14;TBC1D14	0.0273092	0.419355	1.56772	1.56772	0.0793911	0.346066	-2.88962	0.365919	0.602782	-1.65898	0.942507	1.04009	1.04009	0.0287353	0.245183	-4.07858	0.704702	0.812628	-1.23057	0.00119264	0.0751399	-13.3085	0.350956	1.6873	1.6873	0.60741	1.3263	1.3263	4.22474	19.8689	4.18043	1
cg26562462	TBC1D14;TBC1D14	0.0427747	0.816235	0.933771	-1.07093	0.0850562	1.75156	1.75156	0.746207	0.908835	-1.10031	0.798775	1.0781	1.0781	0.686715	0.887496	-1.12677	0.321811	1.3516	1.3516	0.0350171	0.485259	-2.06076	0.00274168	3.37677	3.37677	0.654911	1.14159	1.14159	3.59286	4.93065	1.21986	1
cg14647287	TBC1D14;TBC1D14	0.0437689	0.367389	1.27172	1.27172	0.868106	1.04409	1.04409	0.324017	0.767655	-1.30267	0.381986	0.792344	-1.26208	0.588427	0.867772	-1.15238	0.0274537	1.96815	1.96815	0.00292127	2.89059	2.89059	0.0997643	1.59723	1.59723	0.887101	0.963794	-1.03757	3.56226	3.8021	0.948737	1
cg22361291	TBC1D14;TBC1D14	0.0470867	0.733004	1.05558	1.05558	0.0844311	0.739698	-1.3519	0.39978	1.14586	1.14586	0.164532	1.26397	1.26397	0.00955615	0.595465	-1.67936	0.0219036	0.647654	-1.54403	0.788181	1.04346	1.04346	0.0762452	0.732281	-1.3656	0.940362	1.01189	1.01189	3.46601	1.36974	0.351282	1
cg00086871	TBC1D14;TBC1D14;TBC1D14	3.83E-07	0.0529603	1.15821	1.15821	7.41E-07	0.409754	-2.44049	7.05E-07	0.407382	-2.4547	2.85E-08	0.257975	-3.87635	0.0326771	0.846266	-1.18166	0.000561644	1.42929	1.42929	0.0028968	0.760739	-1.31451	0.383561	1.06149	1.06149	0.637216	0.968774	-1.03223	93.6009	6.61156	0.0627872	1
cg09907542	TBC1D14;TBC1D14;TBC1D14	0.000345374	0.188288	0.834351	-1.19854	2.35E-05	0.3339	-2.99491	0.00111083	0.535709	-1.86669	0.000776145	0.516477	-1.9362	0.773312	1.03823	1.03823	0.176788	0.829842	-1.20505	0.144482	1.22585	1.22585	0.0469328	0.744191	-1.34374	0.000548475	0.497913	-2.00838	15.827	4.23021	0.237581	1
cg02205221	TBC1D14;TBC1D14;TBC1D14	0.000346949	0.00265666	0.726562	-1.37635	0.00751689	1.30261	1.30261	0.00265346	1.37644	1.37644	0.000155993	0.608041	-1.64463	0.00163039	1.41461	1.41461	0.128613	0.881423	-1.13453	0.0224608	0.810487	-1.23383	0.132994	0.88288	-1.13266	0.750923	0.975824	-1.02477	15.8072	1.47853	0.0831421	1
cg04567323	TBC1D14;TBC1D14;TBC1D14	0.000638268	0.00136029	0.291577	-3.42963	0.000367783	0.220472	-4.53572	0.000892791	0.267482	-3.73857	0.000185781	0.187697	-5.32775	0.938198	0.979656	-1.02077	0.545282	0.850223	-1.17616	0.00306445	0.341366	-2.9294	0.730085	1.09615	1.09615	0.00327523	0.345644	-2.89315	13.3514	14.8564	0.989087	1
cg26109897	TBC1D14;TBC1D14;TBC1D14	0.000897524	0.0326854	1.26977	1.26977	4.32E-05	2.10018	2.10018	0.0579648	1.22729	1.22729	0.596551	0.950229	-1.05238	0.912654	0.989569	-1.01054	0.428209	1.08036	1.08036	0.00420623	1.44241	1.44241	0.472736	0.932589	-1.07228	0.00577458	0.707779	-1.41287	12.1322	1.75465	0.128558	1
cg02905178	TBC1D14;TBC1D14;TBC1D14	0.00112643	0.651941	0.925719	-1.08024	0.176387	1.27675	1.27675	0.013079	0.592601	-1.68748	0.477425	0.884451	-1.13064	0.00504064	0.532334	-1.87852	0.000382464	0.38139	-2.62198	0.000103963	0.311435	-3.21095	0.398795	1.15817	1.15817	0.271809	0.823289	-1.21464	11.3751	5.20551	0.406776	1
cg19734190	TBC1D14;TBC1D14;TBC1D14	0.0128141	0.0160254	0.189717	-5.27101	0.000616214	0.0511595	-19.5467	0.00864744	0.151455	-6.60264	0.316371	0.557623	-1.79333	0.101788	0.364239	-2.74545	0.156425	0.425375	-2.35087	0.0454037	0.274171	-3.64735	0.611705	1.33463	1.33463	0.183947	0.451683	-2.21394	5.45574	27.4711	4.47579	1
cg03133580	TBC1D14;TBC1D14;TBC1D14	0.0145298	0.888609	1.04853	1.04853	0.00132844	0.206286	-4.84764	0.204044	0.635526	-1.5735	0.0295475	0.42042	-2.37858	0.0281406	0.416108	-2.40322	0.844645	1.0686	1.0686	0.00399911	0.270313	-3.69942	0.952612	0.980103	-1.0203	0.107405	0.551985	-1.81164	5.23548	9.48278	1.61	1
cg18415148	TBC1D14;TBC1D14;TBC1D14	0.017386	0.0865469	0.619611	-1.61392	0.405079	0.806238	-1.24033	0.83053	1.05568	1.05568	0.366755	1.26419	1.26419	0.000302329	0.226464	-4.41572	0.357463	0.787203	-1.27032	0.200496	0.710439	-1.40758	0.710424	1.09888	1.09888	0.874493	0.960823	-1.04077	4.93226	4.99338	0.899904	1
cg12864912	TBC1D14;TBC1D14;TBC1D14	0.0182657	0.521825	1.14834	1.14834	0.319762	0.803284	-1.24489	0.0530537	1.59734	1.59734	0.001367	2.69075	2.69075	0.821446	1.04934	1.04934	0.0840773	0.665498	-1.50263	0.0530506	0.626037	-1.59735	0.799591	1.05569	1.05569	0.431048	0.842635	-1.18675	4.85115	3.4874	0.639005	1
cg03550485	TBC1D14;TBC1D14;TBC1D14	0.0184595	0.0297844	0.723058	-1.38301	0.164887	0.828727	-1.20667	0.612917	0.937359	-1.06683	0.298766	0.87235	-1.14633	0.00298705	0.596627	-1.67609	0.445467	0.906085	-1.10365	0.0115461	1.4926	1.4926	0.123152	0.809145	-1.23587	0.492506	1.09241	1.09241	4.83393	1.23093	0.226351	1
cg01673240	TBC1D14;TBC1D14;TBC1D14	0.0296539	0.553093	0.862154	-1.15989	0.106846	1.54525	1.54525	0.00429062	0.388991	-2.57075	0.45347	1.20776	1.20776	0.0184335	0.493256	-2.02734	0.10619	0.646522	-1.54674	0.284729	0.759811	-1.31612	0.178468	1.42387	1.42387	0.370639	0.796719	-1.25515	4.1037	3.97146	0.860245	1
cg00428526	TBC1D14;TBC1D14;TBC1D14	0.0349166	0.120625	0.518693	-1.92792	0.0245537	0.351917	-2.84158	0.0635453	0.443312	-2.25575	0.462291	1.33883	1.33883	0.00202049	0.183016	-5.46402	0.579256	0.8038	-1.24409	0.238435	0.617853	-1.61851	0.386459	1.41368	1.41368	0.590256	0.808983	-1.23612	3.87047	9.32135	2.14073	1
cg07463294	TBC1D15;MRS2P2;TBC1D15;TBC1D15;TBC1D15	0.0185444	0.0571008	0.610671	-1.63754	0.000931288	0.322299	-3.10271	0.0263885	0.547022	-1.82808	0.283511	1.29084	1.29084	0.939905	0.982873	-1.01743	0.983974	0.995409	-1.00461	0.179539	1.38629	1.38629	0.289962	0.777524	-1.28613	0.277207	0.771879	-1.29554	4.82645	4.01273	0.739026	1
cg02979010	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.000683775	0.15259	0.806442	-1.24001	0.000174206	0.4088	-2.44618	0.00286397	0.562093	-1.77906	0.819056	1.0327	1.0327	0.00264961	0.557726	-1.793	0.0152417	1.51955	1.51955	0.163273	0.811453	-1.23236	0.0310378	0.700856	-1.42683	0.000320387	0.441457	-2.26523	13.0967	4.08922	0.277541	1
cg09859456	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.00154211	0.475374	1.35754	1.35754	0.663362	1.20255	1.20255	7.82E-05	0.0493125	-20.2788	0.89059	0.943686	-1.05967	0.596635	0.798567	-1.25224	0.00233197	0.166957	-5.98956	0.00343064	0.187467	-5.33426	0.823174	1.09884	1.09884	0.00893901	0.246462	-4.05742	10.3963	29.2024	2.49681	1
cg04648747	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.00202104	0.893128	1.04568	1.04568	0.0169469	2.63222	2.63222	0.414787	1.31919	1.31919	6.60E-05	0.0878412	-11.3842	0.105359	0.555446	-1.80036	0.0167761	0.379094	-2.63787	0.610208	1.18632	1.18632	0.930909	0.971594	-1.02924	0.340239	1.38628	1.38628	9.61255	16.8126	1.55469	1
cg14337085	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.00402582	0.0149709	0.676057	-1.47917	0.203652	1.19194	1.19194	0.0813561	0.776601	-1.28766	0.160082	1.21703	1.21703	0.155591	0.819678	-1.21999	0.202753	1.19241	1.19241	0.000490649	0.489403	-2.0433	0.0786635	1.29122	1.29122	0.0380598	1.36981	1.36981	7.83727	2.12573	0.241096	1
cg17290446	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0136972	0.00718813	0.639627	-1.56341	0.841627	1.0261	1.0261	0.00157313	1.79447	1.79447	0.0342391	0.727495	-1.37458	0.526061	0.920591	-1.08626	0.373567	1.12483	1.12483	0.675248	0.947182	-1.05576	0.539578	1.08327	1.08327	0.796506	0.967267	-1.03384	5.33808	1.40221	0.233493	1
cg14026788	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0170939	0.0260606	3.07215	3.07215	0.501283	1.33655	1.33655	0.0762442	0.432422	-2.31255	0.531147	1.30946	1.30946	0.00351361	0.185922	-5.37859	0.424068	0.706816	-1.41479	0.671597	1.19871	1.19871	0.0133309	3.68041	3.68041	0.750964	0.873434	-1.14491	4.96033	14.1906	2.54295	1
cg03789152	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0318819	0.779351	0.952414	-1.04996	0.294739	0.828089	-1.2076	0.0781551	0.711964	-1.40456	0.820684	0.961356	-1.0402	0.62723	1.08866	1.08866	0.837416	0.964962	-1.03631	0.000611023	0.399951	-2.50031	0.327681	0.83913	-1.19171	0.494539	1.12796	1.12796	3.99917	1.90855	0.424211	1
cg26920808	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0358102	0.0403697	0.32265	-3.09933	0.120811	2.23381	2.23381	0.884483	1.07192	1.07192	0.539388	0.743165	-1.3456	0.00542314	0.174105	-5.74367	0.131772	0.45971	-2.17528	0.121518	0.448463	-2.22984	0.124293	2.21453	2.21453	0.162035	0.490065	-2.04054	3.83519	13.8616	3.21272	1
cg02837432	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0369553	0.957906	1.01179	1.01179	0.899985	1.0283	1.0283	0.148364	0.708832	-1.41077	0.101193	1.48946	1.48946	0.0205164	1.85816	1.85816	0.41208	1.20462	1.20462	0.00399575	2.36032	2.36032	0.0951313	1.50239	1.50239	0.0704667	1.56638	1.56638	3.79153	2.95877	0.693657	1
cg04831505	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0390213	0.712722	1.22421	1.22421	0.0309685	3.99706	3.99706	0.921656	1.05528	1.05528	0.756445	1.18552	1.18552	0.0142263	0.191239	-5.22907	0.101178	0.374614	-2.66942	0.213922	2.04587	2.04587	0.0198861	4.65356	4.65356	0.713266	1.22372	1.22372	3.71684	17.6141	4.21245	1
cg16518990	TBC1D15;TBC1D15;TBC1D15;TBC1D15;MRS2P2	0.000732684	0.289803	1.15568	1.15568	0.000202868	0.44019	-2.27175	0.00329582	0.590237	-1.69423	0.91546	0.986114	-1.01408	0.6538	0.942282	-1.06125	0.185314	1.20319	1.20319	0.000378885	2.11245	2.11245	0.423243	0.897883	-1.11373	0.0153239	0.675712	-1.47992	12.8455	3.52829	0.244152	1
cg12856760	TBC1D16	0.000282017	0.628509	1.06537	1.06537	0.0659363	1.30732	1.30732	0.0854067	0.781148	-1.28017	0.779392	1.03715	1.03715	2.99E-05	0.345991	-2.89024	0.580957	1.0751	1.0751	0.0320119	1.38586	1.38586	0.0345976	1.37718	1.37718	0.000169982	2.29441	2.29441	16.7306	4.47049	0.237515	1
cg17578309	TBC1D16	0.000319866	0.740559	0.966884	-1.03425	0.0764064	1.22113	1.22113	0.656643	1.04639	1.04639	0.00671581	0.700287	-1.42799	0.000230721	0.538125	-1.8583	0.00438537	0.680051	-1.47048	9.19E-05	2.02964	2.02964	0.454128	0.925632	-1.08034	0.0399234	1.27212	1.27212	16.1637	2.62946	0.144602	1
cg15710638	TBC1D16	0.000396292	0.119909	0.732049	-1.36603	0.0295611	1.60581	1.60581	0.00217807	0.451609	-2.2143	0.171756	0.764184	-1.30859	0.000206127	0.316891	-3.15565	0.0394256	0.643731	-1.55344	5.24E-05	0.247175	-4.04572	0.286332	1.22715	1.22715	0.00430123	0.493706	-2.0255	15.2393	8.24866	0.481135	1
cg26379012	TBC1D16	0.00142	0.798196	0.935127	-1.06937	0.000248449	4.8706	4.8706	0.000799836	0.265754	-3.76288	0.56288	0.858018	-1.16548	0.00901608	0.41932	-2.38481	0.312008	1.31495	1.31495	0.0652592	1.71905	1.71905	0.682221	0.897835	-1.11379	0.179666	0.688614	-1.45219	10.6461	11.5549	0.964772	1
cg12600201	TBC1D16	0.00172663	0.000505546	0.28491	-3.50988	0.00237418	0.37574	-2.66142	0.949085	0.985357	-1.01486	0.0778927	0.63599	-1.57235	0.000945945	0.320219	-3.12286	0.0687336	0.624625	-1.60096	0.0237269	0.535996	-1.86569	0.7125	1.08926	1.08926	0.000628753	0.296972	-3.36732	10.0624	8.50395	0.751218	1
cg19781696	TBC1D16	0.00189437	0.00296104	0.422512	-2.36679	0.397204	0.832692	-1.20092	0.0175373	0.543082	-1.84134	0.00779706	0.486058	-2.05737	9.28E-05	0.229227	-4.3625	0.948032	1.01386	1.01386	0.407183	0.836046	-1.19611	0.00210831	0.401248	-2.49222	0.763882	0.938356	-1.06569	9.79537	6.91993	0.627955	1
cg12314682	TBC1D16	0.0029867	0.391132	0.639658	-1.56334	0.118723	0.422653	-2.36601	0.0101541	0.192293	-5.20039	0.26206	0.551727	-1.81249	0.00687638	0.168711	-5.92729	0.000848175	0.0780388	-12.8141	0.00282438	0.123502	-8.09703	0.00625375	0.163342	-6.12213	0.0314423	3.60838	3.60838	8.56945	35.0973	3.64056	1
cg06856735	TBC1D16	0.00319081	0.286942	0.727593	-1.37439	0.507258	0.824077	-1.21348	0.0104949	0.396025	-2.52509	0.534882	0.834644	-1.19812	0.000707648	0.226707	-4.41097	0.00218024	0.290399	-3.44354	0.0188394	0.441186	-2.26662	0.033562	0.489646	-2.04229	0.0148489	2.36757	2.36757	8.40265	11.0079	1.16449	1
cg18658151	TBC1D16	0.00358688	0.267807	0.608292	-1.64395	0.242544	0.590552	-1.69333	0.0016152	0.142743	-7.0056	0.125922	0.490111	-2.04035	0.00617404	0.214782	-4.65589	0.000722091	0.10913	-9.16335	0.00240599	0.16191	-6.17626	0.00577185	0.210621	-4.74786	0.840092	1.0909	1.0909	8.11401	23.8325	2.61085	1
cg23874373	TBC1D16	0.00406305	0.679121	0.771335	-1.29645	0.524115	0.668356	-1.49621	0.00281399	0.0766336	-13.0491	0.445932	0.615733	-1.62408	0.00449198	0.0940113	-10.637	0.00205609	0.066527	-15.0315	0.00337998	0.083096	-12.0343	0.0160294	0.158831	-6.296	0.0799456	3.36253	3.36253	7.81555	48.2219	5.48444	1
cg25876186	TBC1D16	0.00530314	0.256004	1.14157	1.14157	0.0280542	1.33608	1.33608	0.0154202	1.39366	1.39366	0.625642	0.946576	-1.05644	0.198834	0.859318	-1.16371	0.720095	1.041	1.041	0.000388349	1.88095	1.88095	0.261376	0.877399	-1.13973	0.0441352	0.772415	-1.29464	7.20768	1.42343	0.175545	1
cg20443278	TBC1D16	0.00610203	0.0247367	0.328953	-3.03995	0.0682241	0.427775	-2.33768	0.221873	0.586291	-1.70564	0.140691	0.517354	-1.93291	0.00587394	0.22328	-4.47867	0.0131842	0.278603	-3.58934	0.000343984	0.0910626	-10.9815	0.00535901	0.217585	-4.5959	0.0376622	0.366887	-2.72563	6.90311	18.9085	2.43478	1
cg20271950	TBC1D16	0.00750876	0.0247378	0.54272	-1.84257	0.00719005	2.2104	2.2104	0.390529	0.817806	-1.22278	0.462104	0.842711	-1.18665	?	?	?	0.00476874	0.424618	-2.35506	0.0115807	0.485962	-2.05778	0.0438505	0.588862	-1.69819	0.652788	1.10907	1.10907	6.60522	4.85939	0.735689	1
cg24904992	TBC1D16	0.00804745	0.844099	1.02551	1.02551	0.0453613	0.745511	-1.34136	0.168727	0.828929	-1.20638	0.293881	1.14946	1.14946	0.0697669	0.771474	-1.29622	0.00474178	0.618856	-1.61589	0.0145866	1.4694	1.4694	0.745377	1.04257	1.04257	0.00292385	0.592715	-1.68715	6.33235	1.64158	0.230433	1
cg15547344	TBC1D16	0.00861735	0.0529445	0.640915	-1.56027	0.00269352	2.31332	2.31332	0.10253	0.696745	-1.43524	0.46873	0.861486	-1.16078	0.00563999	0.479636	-2.08491	0.150741	0.732365	-1.36544	0.0257692	0.585355	-1.70837	0.293338	1.24666	1.24666	0.208252	0.764655	-1.30778	6.19709	4.01482	0.575871	1
cg02364970	TBC1D16	0.00875464	0.273798	0.565803	-1.7674	0.813669	1.12533	1.12533	0.0167249	0.232084	-4.30878	0.206436	0.513541	-1.94726	0.00752226	0.17904	-5.58535	0.377396	1.57295	1.57295	0.00032286	0.054532	-18.3378	0.656204	0.799264	-1.25115	0.522085	0.722914	-1.38329	6.16617	24.4236	3.52081	1
cg07204724	TBC1D16	0.00990863	0.507992	1.08915	1.08915	0.000403457	0.489061	-2.04473	0.423793	0.901337	-1.10946	0.194928	1.19045	1.19045	0.174329	1.20171	1.20171	0.20759	1.18409	1.18409	0.0420325	1.34703	1.34703	0.310926	0.875196	-1.1426	0.869747	1.02109	1.02109	5.92799	1.51799	0.227619	1
cg18798495	TBC1D16	0.010695	0.00442651	0.535559	-1.86721	0.496537	0.892703	-1.12019	0.0618175	0.70766	-1.41311	0.383449	0.863351	-1.15828	0.00053502	0.412345	-2.42516	0.00648852	0.558933	-1.78912	0.53839	0.902654	-1.10784	0.355781	0.855417	-1.16902	0.445623	0.880006	-1.13636	5.78464	2.47636	0.380526	1
cg20067780	TBC1D16	0.012347	0.0155478	0.213726	-4.6789	0.00717983	0.164504	-6.07888	0.141133	0.439101	-2.27738	0.103219	0.395797	-2.52655	0.0107743	0.189015	-5.29058	0.100897	0.392849	-2.54551	0.00362416	0.129086	-7.74676	0.00426363	0.136891	-7.30507	0.0230811	0.243431	-4.10794	5.52213	23.6508	3.80704	1
cg25532627	TBC1D16	0.0139281	0.132015	0.356747	-2.80311	0.000989206	22.2739	22.2739	0.833818	0.875283	-1.14249	0.267774	2.0791	2.0791	0.0493735	0.241212	-4.14574	0.592256	1.40885	1.40885	0.0929542	3.22825	3.22825	0.152083	0.378025	-2.64533	0.149606	2.66327	2.66327	5.30886	33.8007	5.65943	1
cg11496593	TBC1D16	0.0158221	0.280475	0.718802	-1.3912	0.4737	1.23919	1.23919	0.130506	0.618402	-1.61707	0.149662	0.634689	-1.57558	0.00368462	0.314975	-3.17485	0.229221	1.44968	1.44968	0.0110158	0.391175	-2.5564	0.714534	1.11418	1.11418	0.00519415	0.337698	-2.96123	5.08987	6.98247	1.21941	1
cg25278144	TBC1D16	0.016216	0.0164269	0.142029	-7.04083	0.0869719	0.284188	-3.51879	0.0635691	0.249477	-4.00839	0.0416401	0.20944	-4.77463	0.017248	0.144993	-6.89688	0.0753817	0.267753	-3.73479	0.00306704	0.0672991	-14.859	0.00622005	0.0931032	-10.7408	0.0152231	0.137511	-7.27213	5.04841	35.4238	6.23718	1
cg07121312	TBC1D16	0.0167357	0.0059913	0.533787	-1.8734	0.63767	0.920437	-1.08644	0.0875131	0.719167	-1.3905	0.00162778	0.454289	-2.20124	0.0373811	0.655605	-1.52531	0.497518	0.886591	-1.12792	0.466181	1.13838	1.13838	0.946339	1.01183	1.01183	0.0229679	0.62164	-1.60865	4.99558	2.41663	0.430003	1
cg18639956	TBC1D16	0.0202296	0.145612	1.58244	1.58244	0.0128454	2.47836	2.47836	0.00634698	2.83972	2.83972	0.0102306	2.58812	2.58812	0.0071387	2.77487	2.77487	0.248475	1.42528	1.42528	0.0223502	2.23459	2.23459	0.249732	1.42382	1.42382	0.847524	0.945024	-1.05817	4.68635	6.40419	1.21472	1
cg23454517	TBC1D16	0.022722	0.268306	0.734171	-1.36208	0.133382	1.54328	1.54328	0.00394244	0.353671	-2.82749	0.125669	0.641372	-1.55916	0.0339074	0.514942	-1.94196	0.0135847	0.441128	-2.26692	0.127159	0.64267	-1.55601	0.136661	0.650688	-1.53684	0.0270419	0.495815	-2.01688	4.50368	5.12329	1.01118	1
cg08823837	TBC1D16	0.0284549	0.162221	0.82304	-1.21501	0.822243	1.0298	1.0298	0.593759	0.932148	-1.07279	0.851382	0.975819	-1.02478	0.0510782	0.748289	-1.33638	0.572324	1.07731	1.07731	0.164509	1.21356	1.21356	0.44784	0.903971	-1.10623	0.000925027	0.524321	-1.90723	4.16406	1.12328	0.239784	1
cg02348119	TBC1D16	0.0285972	0.00519898	0.251106	-3.98238	0.0512234	0.435247	-2.29755	0.0102071	0.297139	-3.36543	0.137069	0.548771	-1.82225	0.929793	0.967521	-1.03357	0.211962	0.611001	-1.63666	0.0102394	0.297369	-3.36283	0.0400001	0.410906	-2.43365	0.0804207	0.483544	-2.06807	4.15673	9.24272	1.9765	1
cg25750004	TBC1D16	0.0301276	0.00540114	0.194825	-5.13281	0.152527	0.504374	-1.98266	0.0367065	0.338226	-2.95661	0.1988	0.545263	-1.83398	0.0133012	0.254107	-3.93535	0.229099	0.569092	-1.75718	0.0129379	0.252092	-3.96681	0.204185	0.54964	-1.81937	0.0140145	0.257945	-3.8768	4.08068	12.893	2.80846	1
cg09939344	TBC1D16	0.0317025	0.020788	0.26259	-3.80821	0.325072	0.613691	-1.62948	0.0133688	0.229415	-4.35891	0.963131	1.02246	1.02246	0.28541	0.58678	-1.70422	0.0103143	0.211632	-4.72519	0.0133392	0.229258	-4.36189	0.630158	0.792065	-1.26252	0.0185274	0.253563	-3.94379	4.00724	14.6519	3.2501	1
cg10188797	TBC1D16	0.0319622	0.0905276	0.238497	-4.19293	0.741778	0.775588	-1.28934	0.640664	0.696764	-1.43521	0.186865	0.341185	-2.93096	0.0235108	0.125013	-7.99919	0.0372588	0.155945	-6.41253	0.00320162	0.0453783	-22.0369	0.0126125	0.0922012	-10.8459	0.0582878	0.193088	-5.17898	3.99557	37.3808	8.31606	1
cg02446441	TBC1D16	0.0325611	0.00350627	0.614001	-1.62866	0.837179	0.974973	-1.02567	0.641632	0.943903	-1.05943	0.00387815	0.619346	-1.61461	0.0234606	0.716487	-1.3957	0.214376	0.851287	-1.17469	0.619213	0.940158	-1.06365	0.349818	0.888218	-1.12585	0.157314	0.830051	-1.20475	3.96908	0.953663	0.213576	1
cg08731068	TBC1D16	0.0328291	0.310783	0.774482	-1.29119	0.931652	0.979313	-1.02112	0.512639	0.850599	-1.17564	0.278618	0.759935	-1.3159	0.00698542	0.427321	-2.34016	0.100274	1.55083	1.55083	0.00527382	0.408053	-2.45066	0.867673	0.960178	-1.04147	0.0587486	0.59437	-1.68245	3.95743	3.72201	0.836012	1
cg11523661	TBC1D16	0.0334264	0.135924	0.755768	-1.32316	0.0130865	0.584887	-1.70973	0.0136332	0.587576	-1.70191	0.0238172	0.624981	-1.60005	0.861788	0.97009	-1.03083	0.137394	1.32156	1.32156	0.290931	1.21043	1.21043	0.699991	1.0698	1.0698	0.692611	1.07169	1.07169	3.93186	1.891	0.427504	1
cg04791718	TBC1D16	0.0344583	0.0743813	1.88548	1.88548	0.324569	1.38338	1.38338	0.00965712	0.351786	-2.84264	0.320248	0.720627	-1.38768	0.877721	1.05034	1.05034	0.0676442	1.92142	1.92142	0.0378488	2.15581	2.15581	0.0762093	1.87638	1.87638	0.296232	1.41271	1.41271	3.889	6.26798	1.43264	1
cg02797809	TBC1D16	0.0393416	0.0495015	0.674436	-1.48272	0.4397	1.14854	1.14854	0.997001	1.00066	1.00066	0.0776653	0.708486	-1.41146	0.117328	1.34843	1.34843	0.0975096	1.37649	1.37649	0.00591916	1.88264	1.88264	0.752463	1.05718	1.05718	0.680262	0.929765	-1.07554	3.70569	1.81257	0.434783	1
cg12766770	TBC1D16	0.0403837	0.245721	0.624319	-1.60175	0.264006	1.5711	1.5711	0.99813	1.00091	1.00091	0.177471	0.573421	-1.74392	0.140036	0.540064	-1.85163	0.139731	0.539769	-1.85264	0.00277108	4.9588	4.9588	0.424837	1.37196	1.37196	0.581364	0.805659	-1.24122	3.6702	8.7519	2.11963	1
cg04371818	TBC1D16	0.041972	0.811428	0.959224	-1.04251	0.0248506	1.59227	1.59227	0.556183	0.901517	-1.10924	0.0509761	1.47285	1.47285	0.23512	0.805139	-1.24202	0.250479	0.811268	-1.23264	0.0089998	1.78331	1.78331	0.402433	0.861354	-1.16096	0.370497	0.851995	-1.17372	3.61822	1.73845	0.427086	1
cg19790877	TBC1D16	0.0464461	0.842269	1.05337	1.05337	0.34309	1.2903	1.2903	0.137224	1.51849	1.51849	0.588802	0.867259	-1.15306	0.0028593	0.34268	-2.91818	0.551022	0.854354	-1.17048	0.078006	1.66697	1.66697	0.258718	0.735283	-1.36002	0.463557	0.823089	-1.21494	3.48393	3.75727	0.958628	1
cg04902542	TBC1D16	0.0491137	0.0926284	0.818148	-1.22227	0.0143343	1.38745	1.38745	0.0327546	1.31118	1.31118	0.213151	0.867452	-1.1528	0.105066	1.21178	1.21178	0.191166	1.16196	1.16196	0.0855101	1.22895	1.22895	0.424706	1.09245	1.09245	0.420352	1.0934	1.0934	3.41122	0.635526	0.165604	1
cg16379042	TBC1D16	0.049467	0.136612	0.826354	-1.21014	0.305672	0.881484	-1.13445	0.311522	1.13261	1.13261	0.0132188	1.44093	1.44093	0.0495557	0.766064	-1.30537	0.4719	1.09093	1.09093	0.0329181	1.34546	1.34546	0.954238	1.00685	1.00685	0.718919	0.957925	-1.04392	3.40195	0.762167	0.199145	1
cg18573338	TBC1D17;TBC1D17	0.000809367	0.646024	1.10842	1.10842	0.291469	0.783776	-1.27588	0.530531	1.1519	1.1519	0.748158	0.930811	-1.07433	2.96E-05	0.161782	-6.18117	0.000258337	0.262282	-3.81269	0.0145985	0.512013	-1.95307	0.483338	0.853377	-1.17182	0.270549	0.77466	-1.29089	12.4911	9.80028	0.697405	1
cg14071503	TBC1D17;TBC1D17	0.0107142	0.381019	1.21227	1.21227	0.000198	3.81761	3.81761	0.0468534	1.62821	1.62821	0.14838	1.39393	1.39393	0.907871	1.02511	1.02511	0.36855	1.21879	1.21879	0.022986	1.79077	1.79077	0.70542	0.921861	-1.08476	0.718703	1.08057	1.08057	5.78129	4.20249	0.646144	1
cg07935355	TBC1D17;TBC1D17	0.0172354	0.0433247	2.27361	2.27361	0.00118542	5.3677	5.3677	0.00685334	3.44726	3.44726	0.208448	1.59786	1.59786	0.96489	1.01568	1.01568	0.245448	1.53627	1.53627	0.155178	0.584135	-1.71193	0.47052	1.29622	1.29622	0.865492	1.06175	1.06175	4.94666	9.78578	1.75845	1
cg22726760	TBC1D17;TBC1D17;AKT1S1;AKT1S1;AKT1S1;TBC1D17;TBC1D17	0.000497526	?	?	?	?	?	?	0.000483654	0.144333	-6.92842	?	?	?	0.00120063	0.195835	-5.10634	0.00154662	0.21175	-4.72255	0.235359	1.45312	1.45312	0.203213	1.49882	1.49882	0.00170672	4.58455	4.58455	25.6776	22.5336	0.87756	1
cg27026005	TBC1D17;TBC1D17;AKT1S1;AKT1S1;AKT1S1;TBC1D17;TBC1D17	0.0424731	0.532615	0.888368	-1.12566	0.300441	1.22256	1.22256	0.179639	1.30593	1.30593	0.0524857	0.661704	-1.51125	0.0195975	0.589686	-1.69582	0.958743	0.990359	-1.00974	0.0150528	0.571448	-1.74994	0.402286	0.851692	-1.17413	0.115154	1.37823	1.37823	3.60232	2.00102	0.493762	1
cg19481816	TBC1D19	0.00863194	0.00855451	0.676777	-1.47759	0.0141257	0.70294	-1.4226	0.159748	0.839593	-1.19105	0.210781	0.857735	-1.16586	0.0101441	0.685637	-1.4585	0.318407	0.886906	-1.12751	0.00507604	0.649783	-1.53898	0.193827	0.852144	-1.17351	0.0148821	1.41708	1.41708	6.19378	1.32869	0.190684	1
cg21613905	TBC1D19	0.0125602	0.0522197	1.40387	1.40387	0.270621	1.1927	1.1927	0.00204944	1.94926	1.94926	0.100212	0.758287	-1.31876	0.604635	0.922892	-1.08355	0.150307	0.78908	-1.2673	0.115083	0.768567	-1.30112	0.460046	1.1225	1.1225	0.0137747	1.59645	1.59645	5.49144	2.05281	0.332284	1
cg13983849	TBC1D19	0.0155592	0.63182	1.07736	1.07736	0.0179028	0.641386	-1.55912	0.00493123	0.562825	-1.77675	0.233714	1.21251	1.21251	0.918106	0.984251	-1.016	0.510952	1.10839	1.10839	0.0162658	1.57387	1.57387	0.120891	1.29642	1.29642	0.101794	0.758474	-1.31844	5.11827	1.93104	0.335364	1
cg07594613	TBC1D19	0.0191556	0.948657	0.978537	-1.02193	0.027832	0.416501	-2.40096	0.100807	0.545787	-1.83222	0.210235	1.56024	1.56024	0.0068547	0.307361	-3.2535	0.675728	1.15227	1.15227	0.11744	0.563884	-1.77341	0.0100747	2.9864	2.9864	0.810652	0.922317	-1.08423	4.77388	8.58236	1.59802	1
cg06154827	TBC1D19	0.0273822	0.576029	0.858097	-1.16537	0.555122	1.17549	1.17549	0.683308	0.894842	-1.11752	0.282468	1.35329	1.35329	0.00209271	0.309526	-3.23075	0.222096	0.706376	-1.41568	0.0144327	0.44189	-2.263	0.124517	1.56912	1.56912	0.912653	0.970714	-1.03017	4.22079	4.90525	1.03304	1
cg25969673	TBC1D19;TBC1D19	0.00237474	0.842637	0.986695	-1.01348	0.349033	1.06742	1.06742	0.0361218	1.18314	1.18314	8.78E-05	0.592658	-1.68732	0.184103	0.908645	-1.10054	0.852591	0.987543	-1.01261	0.0604059	1.15649	1.15649	0.0533436	0.859954	-1.16285	0.116942	1.12326	1.12326	10.8773	0.765572	0.0547421	1
cg21035755	TBC1D19;TBC1D19	0.0392628	0.887588	1.01914	1.01914	0.161579	0.818416	-1.22187	0.219136	0.840938	-1.18915	0.0387256	1.37835	1.37835	0.344031	1.13958	1.13958	0.00342937	1.70392	1.70392	0.409091	0.892993	-1.11983	0.242277	0.848698	-1.17828	0.820874	1.03087	1.03087	3.70843	1.05542	0.252979	1
cg01043831	TBC1D1;PTTG2	0.0207554	0.0166692	0.325968	-3.06779	0.0496524	0.423658	-2.3604	0.0137521	0.31095	-3.21595	0.169006	0.57007	-1.75417	0.00248067	0.199294	-5.01771	0.294277	0.658902	-1.51768	0.00898711	0.279693	-3.57535	0.582465	0.808199	-1.23732	0.0566735	0.437216	-2.2872	4.64557	10.8214	2.07059	1
cg13563728	TBC1D2	0.000256274	0.000747371	0.385377	-2.59486	0.0410773	1.55162	1.55162	0.0920967	1.41279	1.41279	0.000228993	3.12918	3.12918	0.0555567	0.667408	-1.49833	0.265822	0.805655	-1.24123	0.000548843	0.367764	-2.71914	0.00176799	0.436072	-2.2932	0.0108443	0.550865	-1.81533	17.1735	9.44732	0.488986	1
cg14439476	TBC1D2	0.00170769	0.210319	0.754147	-1.326	0.0342678	1.69543	1.69543	0.0406019	0.603271	-1.65763	0.975242	1.00666	1.00666	0.0448237	0.611246	-1.636	0.269447	1.27868	1.27868	0.125841	0.70184	-1.42483	8.78E-05	4.49307	4.49307	0.0569419	0.630973	-1.58485	10.0946	7.30474	0.643227	1
cg12553490	TBC1D2	0.0198605	0.0276517	0.723787	-1.38162	0.0764502	1.27722	1.27722	0.265264	1.15504	1.15504	0.989796	1.00159	1.00159	0.245535	0.860024	-1.16276	0.00270193	0.597771	-1.67288	0.0267672	0.721961	-1.38512	0.506269	1.08733	1.08733	0.704397	1.04846	1.04846	4.71576	1.1512	0.216994	1
cg14201956	TBC1D2	0.0449156	0.47168	0.797902	-1.25329	0.791947	1.08494	1.08494	0.255066	0.693205	-1.44258	0.11242	0.586877	-1.70393	?	?	?	0.0281392	0.449531	-2.22454	0.00216274	0.265114	-3.77197	0.663952	0.873888	-1.14431	0.736836	1.10961	1.10961	3.58171	4.79496	1.33873	1
cg18562923	TBC1D20	0.0025673	0.0497012	0.566908	-1.76396	0.497196	1.19094	1.19094	0.743952	1.08664	1.08664	0.113559	1.54729	1.54729	0.0586505	0.581881	-1.71856	0.0992271	1.58116	1.58116	0.000124628	0.183558	-5.44788	0.0443237	0.556781	-1.79604	0.065135	1.69038	1.69038	8.96166	9.12177	0.90477	1
cg03252977	TBC1D20	0.00373119	0.38513	0.767881	-1.30228	0.00501378	3.00809	3.00809	0.000586532	4.83509	4.83509	0.0238922	2.22445	2.22445	0.482769	0.809294	-1.23564	0.0445845	0.504546	-1.98198	0.0691362	0.547045	-1.828	0.0601955	1.87534	1.87534	0.392106	1.29703	1.29703	8.01857	11.1742	1.2387	1
cg07492518	TBC1D20	0.00761952	0.420349	0.578314	-1.72917	0.0028375	15.3893	15.3893	0.0421359	4.74669	4.74669	0.0176664	6.81913	6.81913	0.0731761	0.26469	-3.77801	0.262493	2.17528	2.17528	0.0659495	3.94443	3.94443	0.00305687	14.8572	14.8572	0.0312335	5.373	5.373	6.44201	45.146	6.22938	1
cg00022606	TBC1D20	0.0112945	0.389417	0.905102	-1.10485	0.00107693	0.579344	-1.72609	0.00923364	0.688291	-1.45287	0.689674	1.04642	1.04642	0.884004	1.01664	1.01664	0.841042	1.02296	1.02296	0.0126279	1.41982	1.41982	0.847757	0.978507	-1.02197	0.936451	0.991026	-1.00906	5.68387	1.1504	0.179909	1
cg06041985	TBC1D20	0.0153626	0.852345	0.971602	-1.02923	0.156537	1.26405	1.26405	0.949247	0.990206	-1.00989	0.881572	1.02332	1.02332	0.0464971	0.702896	-1.42269	0.0530099	0.711797	-1.40489	0.000629417	0.443743	-2.25356	0.597178	1.08595	1.08595	0.276734	1.19115	1.19115	5.13989	1.94603	0.336546	1
cg14658867	TBC1D20	0.0160386	0.179662	0.364649	-2.74236	0.0117265	9.28885	9.28885	0.0879766	3.79198	3.79198	0.0369178	5.55961	5.55961	0.23594	0.415126	-2.40891	0.0973234	3.62531	3.62531	0.0798134	3.95932	3.95932	0.00359256	16.2997	16.2997	0.048054	4.95098	4.95098	5.06693	40.2112	7.05424	1
cg22708944	TBC1D21	0.00139078	0.0609935	0.501627	-1.99351	0.00255178	0.254748	-3.92544	0.000569618	0.174888	-5.71795	0.848823	0.939555	-1.06433	0.0125996	0.362928	-2.75536	0.789057	0.91612	-1.09156	0.000265995	0.141411	-7.07158	0.000791992	0.190813	-5.24073	0.0619233	0.503171	-1.9874	10.7098	18.106	1.50276	1
cg24361079	TBC1D21	0.031849	0.867206	1.04219	1.04219	0.0502565	0.576272	-1.73529	0.000686221	0.27791	-3.59828	0.75172	0.924611	-1.08154	0.833188	0.949249	-1.05346	0.123394	0.662229	-1.51005	0.792465	0.936955	-1.06729	0.118499	0.658019	-1.51971	0.229659	0.732515	-1.36516	4.00064	3.8642	0.858573	1
cg02150231	TBC1D22A	1.54E-07	1.64E-07	0.193001	-5.18131	2.95E-07	0.21756	-4.59643	1.62E-06	0.294402	-3.39672	9.19E-07	0.268007	-3.73124	7.37E-07	0.257952	-3.87669	9.40E-07	0.269077	-3.71641	6.22E-08	0.155404	-6.43483	1.38E-06	0.286775	-3.48705	4.76E-06	0.346089	-2.88943	118.008	19.1979	0.144607	1
cg27210818	TBC1D22A	0.000227519	0.000334545	0.333805	-2.99576	7.32E-05	0.254691	-3.92632	0.00914766	0.533781	-1.87343	0.00467234	0.490074	-2.04051	0.00106075	0.399365	-2.50398	0.000130741	0.283838	-3.52313	0.000347798	0.335939	-2.97673	0.0286312	0.61286	-1.63169	0.000366285	0.338793	-2.95166	17.7392	10.1028	0.50624	1
cg27425228	TBC1D22A	0.000349407	0.000533787	0.344568	-2.90219	0.251923	0.789327	-1.2669	0.000105609	0.258339	-3.87089	0.184522	0.757141	-1.32076	0.0337394	0.612558	-1.6325	0.168055	1.33694	1.33694	7.22E-05	0.239695	-4.17197	0.308839	1.23144	1.23144	0.00275334	0.441954	-2.26268	15.7766	9.76237	0.550034	1
cg07734358	TBC1D22A	0.0007226	0.125997	1.81917	1.81917	0.00065257	0.151259	-6.61118	0.00258226	0.220973	-4.52544	0.0166731	2.87597	2.87597	0.454625	1.3169	1.3169	0.658522	1.1744	1.1744	0.00196721	0.205749	-4.86029	0.00145545	5.27036	5.27036	0.271811	1.51203	1.51203	12.8955	26.681	1.83912	1
cg19938922	TBC1D22A	0.000759338	0.0397272	1.5781	1.57811	0.000171743	0.293798	-3.4037	0.172104	0.756643	-1.32163	0.999811	1.00005	1.00005	0.000689227	0.37005	-2.70234	0.633635	1.0965	1.0965	0.0301551	1.63095	1.63095	0.0482354	0.648495	-1.54203	0.00144225	0.413291	-2.4196	12.7173	7.41412	0.518219	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09547053	TBC1D22A	0.00150938	0.399827	0.788036	-1.26898	0.0184438	0.453805	-2.20359	0.0307204	0.495859	-2.0167	0.0022962	0.307935	-3.24744	5.50E-05	0.125508	-7.96759	0.394691	1.27245	1.27245	0.692846	1.11597	1.11597	0.883047	1.04152	1.04152	0.0096343	0.404304	-2.47339	10.4608	12.6559	1.07542	1
cg09940138	TBC1D22A	0.00164527	0.200154	0.829345	-1.20577	0.0408728	0.72156	-1.38589	0.0635435	0.749432	-1.33434	0.214295	1.19814	1.19814	0.000924701	0.504561	-1.98192	0.282638	1.16691	1.16691	0.00023935	2.31828	2.31828	0.24866	0.846427	-1.18144	0.508404	1.0972	1.0972	10.2039	3.08951	0.269136	1
cg27535648	TBC1D22A	0.00186344	0.394136	0.900762	-1.11017	0.0127591	1.44845	1.44845	0.0777919	1.26452	1.26452	0.142537	1.20773	1.20773	0.053738	1.29988	1.29988	0.317414	1.13173	1.13173	0.000146947	0.457525	-2.18567	0.0872062	0.797616	-1.25374	0.0282478	1.36367	1.36367	9.84233	2.23502	0.201851	1
cg01527394	TBC1D22A	0.005534	0.335743	0.888666	-1.12528	0.0718763	1.2699	1.2699	0.0331679	0.743705	-1.34462	0.41301	1.10464	1.10464	0.00570845	0.649857	-1.5388	0.233974	0.862114	-1.15994	0.000637277	1.86579	1.86579	0.967479	1.00486	1.00486	0.924814	0.988839	-1.01129	7.11408	1.59316	0.199062	1
cg27481164	TBC1D22A	0.00625832	0.259161	0.840885	-1.18922	0.0901741	1.31642	1.31642	0.00282389	1.83214	1.83214	0.327426	1.16047	1.16047	0.00522912	0.581384	-1.72003	0.826259	0.968156	-1.03289	0.106091	1.2967	1.2967	0.18123	1.23239	1.23239	0.00395223	1.76946	1.76946	6.84933	2.3509	0.305093	1
cg06660012	TBC1D22A	0.0110473	0.965123	1.00574	1.00574	0.0713358	0.768305	-1.30157	0.0348966	0.724893	-1.37951	0.514946	1.09025	1.09025	0.0247736	1.4187	1.4187	0.0265932	1.41048	1.41048	0.00193482	1.77544	1.77544	0.148417	1.22489	1.22489	0.236216	1.17636	1.17636	5.7246	1.55264	0.241086	1
cg23750200	TBC1D22A	0.0113159	0.907596	0.984197	-1.01606	0.526594	0.915744	-1.09201	0.614283	1.0722	1.0722	0.205349	0.832519	-1.20117	0.50481	1.09729	1.09729	0.941074	1.01019	1.01019	0.00016795	2.40766	2.40766	0.485887	0.907429	-1.10201	0.901851	0.983217	-1.01707	5.68041	1.69312	0.264944	1
cg25141264	TBC1D22A	0.0218713	0.198527	1.43231	1.43231	0.0256352	0.496085	-2.01578	0.0116747	0.434611	-2.30091	0.128216	1.54466	1.54466	0.0107127	0.428244	-2.33512	0.158152	0.671019	-1.49027	0.0422116	0.538595	-1.85668	0.601742	1.14939	1.14939	0.508753	0.837573	-1.19393	4.56311	5.05282	0.984282	1
cg13346032	TBC1D22A	0.0219116	0.692898	0.947576	-1.05532	0.633543	0.93692	-1.06733	0.357008	1.13714	1.13714	0.548672	0.920969	-1.08581	0.00696755	0.622788	-1.60568	0.191016	0.828759	-1.20662	0.00103661	0.517329	-1.93301	0.15913	0.815345	-1.22647	0.654633	1.06299	1.06299	4.56023	1.32922	0.259093	1
cg07397612	TBC1D22A	0.030506	0.0282099	0.371324	-2.69306	0.883169	1.05783	1.05783	0.590876	0.812633	-1.23057	0.650019	0.839759	-1.19082	0.000590066	0.131431	-7.60857	0.391514	0.714876	-1.39884	0.652187	0.840745	-1.18942	0.80545	1.09894	1.09894	0.339492	0.686337	-1.45701	4.0626	9.40488	2.05777	1
cg14550778	TBC1D22A	0.0318217	0.0180965	0.422726	-2.3656	0.0548049	1.92186	1.92186	0.499073	1.22852	1.22852	0.733918	0.902726	-1.10776	0.372619	0.759919	-1.31593	0.0039221	0.312136	-3.20373	0.947176	0.980323	-1.02007	0.557356	0.836947	-1.19482	0.0729575	0.548868	-1.82193	4.00187	5.70197	1.26651	1
cg17145402	TBC1D22A	0.0337365	0.290319	0.796758	-1.25509	0.537102	1.13813	1.13813	0.0142418	0.534753	-1.87002	0.311141	0.804971	-1.24228	0.00192436	0.402923	-2.48187	0.32059	0.808582	-1.23673	0.259621	1.27566	1.27566	0.786257	0.94528	-1.05789	0.143232	0.722028	-1.38499	3.91881	2.6603	0.603424	1
cg18331022	TBC1D22A	0.0368086	0.0506581	0.72805	-1.37353	0.0187741	0.666436	-1.50052	0.0088379	0.62186	-1.60808	0.241966	0.839841	-1.1907	0.0313504	0.697739	-1.4332	0.23667	0.838024	-1.19328	0.0869055	1.30925	1.30925	0.452272	0.896608	-1.11531	0.491897	0.905301	-1.1046	3.79703	1.2215	0.285955	1
cg00651185	TBC1D22A	0.0415463	0.169884	0.779989	-1.28207	0.0218431	0.626458	-1.59628	0.314124	0.837842	-1.19354	0.323837	0.840988	-1.18908	0.129299	0.756876	-1.32122	0.874847	0.973567	-1.02715	0.014708	1.66586	1.66586	0.185716	0.787822	-1.26932	0.0286946	0.644949	-1.55051	3.63191	1.6615	0.406643	1
cg03970915	TBC1D22A	0.0445821	0.0536881	0.334137	-2.99278	0.136119	0.447736	-2.23346	0.0397349	0.304306	-3.28617	0.649399	0.795332	-1.25734	0.00714987	0.175883	-5.6856	0.809147	0.885971	-1.1287	0.0108258	0.201624	-4.95974	0.450033	0.680369	-1.46979	0.0297786	0.278147	-3.59522	3.53786	14.0276	3.52444	1
cg13636986	TBC1D22A	0.0453663	0.634139	0.81908	-1.22088	0.962971	1.01951	1.01951	0.00815895	0.24429	-4.09349	0.686114	0.844406	-1.18426	0.00236249	0.171119	-5.8439	0.218734	0.583643	-1.71338	0.206761	0.574488	-1.74068	0.28816	0.631899	-1.58253	0.110846	0.485232	-2.06087	3.51483	9.64577	2.43938	1
cg03061689	TBC1D22B	0.00883079	0.00876447	0.271177	-3.68763	0.495175	1.31092	1.31092	0.540074	1.27438	1.27438	0.946012	0.973877	-1.02682	0.000337392	0.104483	-9.57094	0.425104	1.37489	1.37489	0.138755	1.86435	1.86435	0.904522	0.954178	-1.04802	0.754211	0.884471	-1.13062	6.14927	14.8797	2.15089	1
cg23672407	TBC1D22B	0.00973185	0.0430053	0.547004	-1.82814	0.720291	0.911054	-1.09763	0.0114045	0.440251	-2.27143	0.190836	0.698472	-1.4317	0.000236977	0.206423	-4.84442	0.133134	0.6572	-1.52161	0.128427	0.65328	-1.53074	0.12638	0.65154	-1.53482	0.0262674	0.505151	-1.97961	5.96217	6.33811	0.944937	1
cg22902977	TBC1D22B	0.0203568	0.000543766	2.91675	2.91675	0.476807	0.865827	-1.15497	0.148627	0.734523	-1.36143	0.928044	1.01815	1.01815	0.181484	1.32644	1.32644	0.541898	0.884293	-1.13085	0.116801	1.40403	1.40403	0.739025	0.935582	-1.06885	0.92305	1.01943	1.01943	4.67636	2.9376	0.558383	1
cg02187357	TBC1D22B;TMEM217;TMEM217	4.22E-05	0.00852903	0.493833	-2.02498	0.0845898	0.669665	-1.49328	0.000292049	0.28905	-3.45961	0.445711	1.17751	1.17751	5.88E-06	0.11767	-8.49834	0.0022005	0.405631	-2.46529	5.02E-06	0.112482	-8.89033	0.0708431	0.654244	-1.52848	0.000598743	0.328505	-3.04409	27.8484	19.4883	0.622044	1
cg12800266	TBC1D22B;TMEM217;TMEM217	0.025644	0.174007	0.747968	-1.33696	0.533162	0.880965	-1.13512	0.729377	0.932641	-1.07222	0.73472	0.933988	-1.07068	0.00240706	0.427901	-2.33699	0.18599	0.754607	-1.32519	0.154319	0.736261	-1.35821	0.0189837	0.565343	-1.76884	0.037237	1.62507	1.62507	4.3188	2.75776	0.567598	1
cg15740507	TBC1D23	0.00101901	0.000799202	0.164197	-6.09026	0.0315091	0.406548	-2.45973	0.000279763	0.119961	-8.33605	0.0131568	0.333839	-2.99546	0.00163761	0.199991	-5.00024	0.00287153	0.231426	-4.32104	0.000692544	0.157606	-6.34493	0.872636	1.05892	1.05892	0.00993165	0.31281	-3.19682	11.7038	23.6054	1.7928	1
cg04730047	TBC1D23	0.00154337	0.0500632	1.52266	1.52266	0.00915807	1.86422	1.86422	0.000200339	3.23718	3.23718	0.000303262	3.01901	3.01901	0.0681658	1.46866	1.46866	0.0249235	1.6524	1.6524	0.168331	1.31819	1.31819	0.0624482	1.48381	1.48381	0.000861913	2.56373	2.56373	10.3939	5.82965	0.498554	1
cg09826188	TBC1D23	0.00260493	0.4615	0.941991	-1.06158	0.00270888	1.3913	1.3913	0.472591	1.05997	1.05997	0.778411	0.977763	-1.02274	0.00215767	0.709405	-1.40963	0.00299081	0.722804	-1.3835	0.021558	0.802504	-1.2461	0.439806	0.939125	-1.06482	0.00484699	0.742443	-1.34691	8.9233	0.898083	0.0894619	1
cg19604222	TBC1D23	0.0112152	0.906573	1.04815	1.04815	0.977101	1.01156	1.01156	0.326978	1.49979	1.49979	0.980202	1.00999	1.00999	0.494295	1.3205	1.3205	0.839198	1.08479	1.08479	0.000238235	0.0873811	-11.4441	0.0228668	0.336	-2.97619	0.735171	0.872854	-1.14567	5.69682	14.4753	2.25862	1
cg04342737	TBC1D23	0.0113241	0.866955	0.9677	-1.03338	0.00596502	0.494625	-2.02173	0.648728	0.914107	-1.09396	0.185267	0.759503	-1.31665	0.102618	0.704871	-1.4187	0.0037263	0.464346	-2.15357	0.000778003	0.369503	-2.70633	0.242773	0.787123	-1.27045	0.754538	0.94043	-1.06334	5.67908	3.44899	0.539835	1
cg16984944	TBC1D23	0.0122874	0.162625	1.24816	1.24816	0.0103043	1.61725	1.61725	0.015873	1.55163	1.55163	0.000495884	2.24948	2.24948	0.107445	1.29859	1.29859	0.166768	1.24511	1.24511	0.420596	1.13016	1.13016	0.594199	1.08325	1.08325	0.0176346	1.53625	1.53625	5.53082	1.93718	0.311336	1
cg20297566	TBC1D23	0.018429	0.895972	1.01342	1.01342	0.0957612	1.20488	1.20488	0.385092	0.913281	-1.09495	0.731031	0.965459	-1.03578	0.115041	0.839826	-1.19072	0.192939	0.869046	-1.15069	0.00122931	0.61785	-1.61852	0.0330718	1.28898	1.28898	0.714439	1.03815	1.03815	4.83662	0.794902	0.14609	1
cg18663886	TBC1D23	0.027635	0.374735	0.763861	-1.30914	0.0184258	0.429398	-2.32884	0.00493281	0.332537	-3.00719	0.182732	0.65833	-1.51899	0.00426031	0.322784	-3.09805	0.0684166	0.547065	-1.82794	0.911049	0.967499	-1.03359	0.629621	1.15451	1.15451	0.18382	0.659096	-1.51723	4.20717	5.82474	1.23065	1
cg04967530	TBC1D23	0.0425877	0.142608	0.778404	-1.28468	0.985647	0.997145	-1.00286	0.00116638	2.1335	2.1335	0.985399	1.00291	1.00291	0.603066	1.08697	1.08697	0.765486	1.0487	1.0487	0.420391	1.1398	1.1398	0.0781769	1.36488	1.36488	0.592246	1.08974	1.08974	3.59872	1.44013	0.355714	1
cg04659439	TBC1D24	0.00295936	0.0362183	0.696541	-1.43567	0.660915	1.06774	1.06774	0.000351998	0.426295	-2.34579	0.00587989	0.58553	-1.70786	0.016925	0.648836	-1.54122	0.284453	1.17952	1.17952	0.0146209	1.56275	1.56275	0.513117	0.90621	-1.1035	0.129182	0.783913	-1.27565	8.59287	3.00066	0.310403	1
cg00794055	TBC1D24	0.00825983	0.715899	0.953618	-1.04864	0.00086348	0.522121	-1.91526	0.0180824	0.688621	-1.45218	0.585305	1.07422	1.07422	0.0426091	1.35434	1.35434	0.373865	0.888157	-1.12593	0.0664369	1.30664	1.30664	0.0333362	0.723865	-1.38147	0.822078	0.971159	-1.0297	6.28059	1.67935	0.237677	1
cg06935199	TBC1D24	0.00950125	0.0164376	0.567751	-1.76134	0.755779	1.06209	1.06209	0.00252762	2.24668	2.24668	0.101933	0.707752	-1.41292	0.120335	1.38448	1.38448	0.305167	0.814633	-1.22755	0.00822029	1.92087	1.92087	0.470717	1.15221	1.15221	0.153073	1.3437	1.3437	6.00794	3.54727	0.524827	1
cg24925698	TBC1D25	0.000294809	0.328031	0.811469	-1.23233	0.289011	1.25577	1.25577	0.11264	0.699525	-1.42954	0.788978	0.946005	-1.05708	4.39E-05	0.201276	-4.9683	0.000764873	0.348244	-2.87155	0.00124214	2.65498	2.65498	0.0579195	1.55829	1.55829	0.0149689	1.85711	1.85711	16.5289	11.2087	0.60278	1
cg02144050	TBC1D25	0.00103506	0.150995	0.754266	-1.32579	0.915325	0.980699	-1.01968	0.088776	0.708924	-1.41059	0.316571	1.20893	1.20893	1.62E-05	0.196378	-5.09223	0.0213367	0.602324	-1.66024	0.179275	1.29877	1.29877	0.940116	1.01386	1.01386	0.391193	1.17468	1.17468	11.652	6.19694	0.47274	1
cg14493612	TBC1D25	0.00161027	0.00200297	0.204958	-4.87904	0.0142429	0.333289	-3.0004	0.0409986	0.424411	-2.35621	0.00903571	0.299385	-3.34018	0.000411364	0.130252	-7.67741	0.01263	0.324059	-3.08586	0.000560794	0.143112	-6.98752	0.00384464	0.242741	-4.11963	0.0026752	0.221183	-4.52115	10.2675	21.4766	1.8593	1
cg17715113	TBC1D25	0.0187233	0.216331	1.53306	1.53306	0.0319042	0.437916	-2.28355	0.0731102	0.518719	-1.92783	0.0570804	0.493128	-2.02787	0.00181365	0.23311	-4.28981	0.0638783	0.504589	-1.98181	0.0138777	0.368486	-2.71381	0.275861	0.68918	-1.451	0.881858	0.952337	-1.05005	4.81084	8.2172	1.51827	1
cg22247005	TBC1D26	0.000918687	0.000264593	0.337418	-2.96368	0.0449644	0.658879	-1.51773	0.0384052	0.647278	-1.54493	0.367747	0.845558	-1.18265	0.00344075	0.486539	-2.05533	0.00250307	0.466997	-2.14134	7.45E-05	0.271288	-3.68612	0.00454546	0.5039	-1.98452	0.0582778	0.678404	-1.47405	12.0525	6.2758	0.462849	1
cg12631517	TBC1D26	0.00137731	0.000419385	0.151136	-6.61657	0.447665	0.769906	-1.29886	0.0323205	0.428761	-2.3323	0.164657	0.605974	-1.65024	0.000569677	0.164771	-6.06903	0.793934	1.09248	1.09248	0.000175763	0.116498	-8.58382	0.302382	0.696979	-1.43476	0.0209606	0.391188	-2.55632	10.7398	19.4195	1.60728	1
cg27383203	TBC1D26	0.00342054	0.812446	0.918648	-1.08856	0.0281349	0.396286	-2.52343	0.0045521	0.259499	-3.85357	0.00100931	0.175219	-5.70714	0.000959114	0.172746	-5.78886	0.0287809	0.398299	-2.51068	0.414936	1.34646	1.34646	0.139427	0.566779	-1.76436	0.00435587	0.256705	-3.89553	8.23014	16.611	1.79405	1
cg20944510	TBC1D26	0.00473661	0.976827	1.00366	1.00366	0.000599177	0.513533	-1.9473	0.0589771	0.76461	-1.30786	0.89945	1.01604	1.01604	0.238282	1.1682	1.1682	0.0571614	1.31106	1.31106	0.0047633	1.60269	1.60269	0.672127	1.05504	1.05504	0.0746645	0.778875	-1.2839	7.46064	1.87164	0.222994	1
cg20947127	TBC1D26	0.0230979	0.158628	0.370679	-2.69775	0.0704494	0.264053	-3.78712	0.0759065	0.272274	-3.67277	0.691261	0.768818	-1.3007	0.00533167	0.0891325	-11.2193	0.288087	0.483661	-2.06756	0.00180457	0.0537777	-18.5951	0.798237	1.18377	1.18377	0.0385218	0.206244	-4.84862	4.4783	30.7644	6.10636	1
cg02508093	TBC1D28	0.000317862	0.00637115	0.553659	-1.80616	0.00741516	0.563085	-1.77593	0.0784583	0.722187	-1.38468	0.536627	1.10981	1.10981	0.000286887	0.373148	-2.6799	0.035226	0.664714	-1.50441	4.12E-05	0.27211	-3.67498	7.67E-05	0.30325	-3.2976	0.119472	0.754785	-1.32488	16.1916	7.10994	0.390322	1
cg25566909	TBC1D28	0.000339615	0.0234004	0.459168	-2.17785	0.186952	0.668989	-1.49479	0.000551503	0.214099	-4.67074	0.000917204	0.240836	-4.1522	3.66E-05	0.101918	-9.81178	0.027043	0.4713	-2.12179	0.00109823	0.25075	-3.98803	0.000244344	0.175117	-5.71047	0.00249531	0.298958	-3.34495	15.9002	20.7974	1.16266	1
cg04938329	TBC1D28	0.00316435	0.000725431	0.412274	-2.42557	0.00140609	2.21929	2.21929	0.0647635	0.699377	-1.42984	0.870977	1.02842	1.02842	0.0184257	0.610868	-1.63702	0.175579	0.780142	-1.28182	0.33844	1.18542	1.18542	0.429315	0.870159	-1.14921	0.0677518	0.702772	-1.42294	8.42351	3.96421	0.418322	1
cg24779195	TBC1D28	0.00581761	0.410545	0.820469	-1.21882	0.586972	0.878996	-1.13766	0.00183885	0.353351	-2.83005	0.0904343	0.644882	-1.55067	0.000739515	0.29968	-3.3369	0.371447	1.24084	1.24084	0.0112104	0.47368	-2.11113	0.00876459	0.456102	-2.19249	0.0715187	0.622996	-1.60515	7.00554	6.13461	0.778383	1
cg21499006	TBC1D28	0.0384643	0.0173313	0.324942	-3.07747	0.0267871	0.361449	-2.76664	0.153783	0.553049	-1.80816	0.28233	0.648346	-1.54239	0.0205866	0.338978	-2.95005	0.0276411	0.364213	-2.74564	0.00710042	0.259485	-3.85378	0.274845	0.643602	-1.55376	0.0598614	0.438869	-2.27859	3.73649	8.90311	2.118	1
cg22157628	TBC1D28;TBC1D28	0.0254567	0.0879216	0.787805	-1.26935	0.200286	0.842544	-1.18688	0.0568154	0.761095	-1.3139	0.885982	0.981994	-1.01834	0.000912637	0.533738	-1.87358	0.47235	1.09699	1.09699	0.561529	0.928356	-1.07717	0.0311027	0.725837	-1.37772	0.871188	1.02076	1.02076	4.32986	1.09978	0.225776	1
cg19536227	TBC1D29	0.000340648	0.00777283	0.631186	-1.58432	0.0659037	1.32022	1.32022	0.213111	0.838179	-1.19306	0.000133932	0.410248	-2.43755	0.000492375	0.479634	-2.08492	0.0122332	0.656905	-1.52229	0.00270499	1.74694	1.74694	0.00146949	0.538949	-1.85546	0.0462061	0.73528	-1.36003	15.887	4.56059	0.255169	1
cg15737458	TBC1D29	0.00172015	0.178295	1.11862	1.11862	0.300738	0.919389	-1.08768	0.0135118	0.786926	-1.27077	0.0521734	1.189	1.189	0.150051	0.886087	-1.12856	0.347866	1.0787	1.0787	0.000108619	1.70667	1.70667	0.501059	0.947881	-1.05498	0.0141396	0.788727	-1.26787	10.0734	0.980094	0.086485	1
cg07116766	TBC1D29	0.0170721	0.00783066	0.57656	-1.73442	0.0836966	0.734289	-1.36186	0.0414015	0.684185	-1.46159	0.045278	0.690349	-1.44854	0.00142783	0.475069	-2.10496	0.743921	0.948486	-1.05431	0.00990731	0.591137	-1.69165	0.429859	0.87808	-1.13885	0.147687	0.778316	-1.28482	4.96245	2.04602	0.366488	1
cg07023915	TBC1D2B;TBC1D2B	9.91E-05	0.0962349	1.21743	1.21743	0.0142477	1.3849	1.3849	0.0010019	1.6924	1.6924	0.00278177	0.641355	-1.5592	0.0281603	0.756369	-1.32211	0.761236	1.03337	1.03337	4.63E-06	0.322465	-3.10111	0.600437	1.05858	1.05858	0.661421	1.04861	1.04861	22.1945	4.0782	0.163332	1
cg19840226	TBC1D2B;TBC1D2B	0.00211259	0.188922	0.72559	-1.37819	0.224746	0.745366	-1.34162	0.190921	0.726761	-1.37597	0.844655	0.955795	-1.04625	1.77E-05	0.132225	-7.56286	0.611869	0.888761	-1.12516	0.192537	0.727702	-1.37419	0.967165	0.990558	-1.00953	0.120344	0.678205	-1.47448	9.48909	7.98223	0.747735	1
cg20059377	TBC1D2B;TBC1D2B	0.0120711	0.020868	0.460938	-2.16949	0.016841	2.25315	2.25315	0.39601	1.27394	1.27394	0.241056	0.710457	-1.40755	0.0265539	0.480797	-2.07988	0.206324	1.4496	1.4496	0.358399	1.3009	1.3009	0.0368393	0.508945	-1.96485	0.010094	0.404881	-2.46986	5.56282	6.83549	1.09225	1
cg19708541	TBC1D2B;TBC1D2B	0.0133982	0.0595507	2.85691	2.85691	0.10583	2.39181	2.39181	0.560226	1.33746	1.33746	0.0925798	2.49354	2.49354	0.352035	1.60445	1.60445	0.0114061	4.77396	4.77396	0.00257694	7.86715	7.86715	0.00155047	9.45581	9.45581	0.0279321	3.60463	3.60463	5.37683	20.752	3.43069	1
cg14178714	TBC1D2B;TBC1D2B	0.0204258	0.167973	0.688691	-1.45203	0.791963	0.935106	-1.0694	0.782801	1.07266	1.07266	0.975569	1.0078	1.0078	0.413997	1.23609	1.23609	0.466071	0.828393	-1.20716	0.000300158	0.224796	-4.44848	0.719503	1.09585	1.09585	0.846343	0.95195	-1.05048	4.67098	4.7658	0.906935	1
cg15398488	TBC1D2B;TBC1D2B	0.0360481	0.00433355	0.364259	-2.7453	0.527771	0.844132	-1.18465	0.10431	0.624798	-1.60052	0.17183	0.680275	-1.46999	0.0317774	0.513428	-1.94769	0.0115197	0.432996	-2.30949	0.635678	0.881258	-1.13474	0.897815	0.966542	-1.03462	0.0193364	0.472727	-2.11538	3.82598	4.25111	0.98766	1
cg17734273	TBC1D2B;TBC1D2B	0.0486837	0.848313	0.961847	-1.03967	0.47894	0.863967	-1.15745	0.927534	1.01865	1.01865	0.930971	1.01776	1.01776	0.926212	0.981358	-1.019	0.541148	1.13391	1.13391	0.00287795	2.29972	2.29972	0.00936364	1.95306	1.95306	0.282074	1.25493	1.25493	3.42261	2.23698	0.580969	1
cg18512890	TBC1D3;TBC1D3F	0.00775203	0.053592	0.559907	-1.78601	0.64922	0.885889	-1.12881	0.00111523	0.280698	-3.56255	0.00978643	0.421375	-2.37319	0.0218784	0.48296	-2.07056	0.368908	0.783349	-1.27657	0.00411529	0.361215	-2.76843	0.0164702	0.460519	-2.17146	0.00748054	0.402087	-2.48703	6.40725	7.10432	0.985595	1
cg26585066	TBC1D3;TBC1D3F	0.0417209	0.507285	0.853176	-1.17209	0.117026	1.49467	1.49467	0.0713033	0.621594	-1.60877	0.0595855	0.605411	-1.65177	0.00477281	0.413003	-2.42129	0.0596999	0.605582	-1.6513	0.347798	0.795986	-1.2563	0.436524	0.829145	-1.20606	0.0525075	0.594288	-1.68268	3.62627	3.1998	0.784349	1
cg26871803	TBC1D3B	0.00732747	0.00896442	0.385999	-2.59068	0.00912144	0.387262	-2.58223	0.00327367	0.317285	-3.15174	0.175194	0.661718	-1.51122	0.00224374	0.293661	-3.40528	0.0207629	0.450567	-2.21943	0.00711453	0.369454	-2.7067	0.106372	0.603503	-1.65699	0.00967092	0.391537	-2.55404	6.52134	8.47166	1.15473	1
cg20083906	TBC1D3C	0.000527903	0.803858	1.02982	1.02982	0.153949	1.19752	1.19752	0.000157491	0.466053	-2.14568	0.231407	0.862227	-1.15979	0.000875584	0.554698	-1.80278	0.00702683	0.662621	-1.50916	0.0143181	0.700025	-1.42852	0.000105615	0.445471	-2.24481	0.0106813	0.684558	-1.4608	14.0767	3.10911	0.196328	1
cg06245427	TBC1D3C	0.00186699	0.0104474	0.62073	-1.61101	0.263473	0.841609	-1.1882	0.00010348	0.362088	-2.76176	0.00484363	0.575392	-1.73794	0.0143642	0.639906	-1.56273	0.599221	0.924554	-1.0816	0.352326	0.867984	-1.15209	0.000993301	0.485014	-2.0618	0.0119175	0.628627	-1.59077	9.8369	3.40914	0.308059	1
cg11961834	TBC1D3C	0.0100965	0.00688862	0.281758	-3.54914	0.0108598	0.314072	-3.18399	0.0149754	0.338537	-2.95389	0.161205	0.581689	-1.71913	0.00404217	0.247088	-4.04715	0.0440729	0.432716	-2.31098	0.00665959	0.279461	-3.57832	0.00615049	0.274111	-3.64815	0.0365365	0.414835	-2.4106	5.89249	12.2359	1.84581	1
cg23350580	TBC1D3C	0.0122782	0.191695	0.708256	-1.41192	0.00602178	0.408363	-2.4488	0.00139083	0.314666	-3.17798	0.0265125	0.518718	-1.92783	0.0176024	0.486347	-2.05615	0.175249	0.697834	-1.43301	0.0278068	0.522594	-1.91353	0.0128608	0.462583	-2.16178	0.0328163	0.536257	-1.86478	5.53217	5.45744	0.876881	1
cg16780784	TBC1D3C;TBC1D3G	0.00904499	0.441991	0.786015	-1.27224	0.0077921	0.350203	-2.85549	0.00241685	0.273212	-3.66017	0.954715	1.01759	1.01759	0.0144395	0.396185	-2.52407	0.12857	0.603809	-1.65615	0.00940842	0.363822	-2.7486	0.00262818	0.278318	-3.59301	0.0495909	0.502568	-1.98978	6.10271	9.11723	1.32797	1
cg02340121	TBC1D3F;TBC1D3	0.0485012	0.134578	0.747337	-1.33808	0.0933203	0.716606	-1.39547	0.00201549	0.455444	-2.19566	0.22346	0.793818	-1.25974	0.134912	0.747552	-1.3377	0.239341	0.800565	-1.24912	0.354326	0.84196	-1.1877	0.186006	0.776371	-1.28804	0.0143315	0.579799	-1.72474	3.42748	1.76903	0.458785	1
cg07293650	TBC1D3G;TBC1D3C	0.0227816	0.0219477	0.352493	-2.83694	0.00954136	0.28784	-3.47415	0.0287142	0.37577	-2.6612	0.143947	0.551262	-1.81402	0.00503411	0.244785	-4.08522	0.0565533	0.440937	-2.2679	0.0161966	0.327671	-3.05184	0.0375825	0.40046	-2.49713	0.0527651	0.433792	-2.30525	4.49962	10.2553	2.0259	1
cg20658797	TBC1D3H;TBC1D3C	0.000962707	0.020289	0.761722	-1.31282	0.0617328	0.814929	-1.2271	9.16E-05	0.506814	-1.97311	0.00128292	0.633448	-1.57866	0.00138097	0.636904	-1.5701	0.636204	1.04744	1.04744	0.0535722	1.23766	1.23766	0.0222049	0.765949	-1.30557	0.251819	0.890084	-1.12349	11.8939	1.78208	0.133183	1
cg19007038	TBC1D3H;TBC1D3C	0.0305639	0.300257	0.700081	-1.42841	0.00434859	0.282049	-3.54548	0.00667823	0.310711	-3.21842	0.66798	1.15411	1.15411	0.0726462	0.514153	-1.94495	0.759673	0.903103	-1.10729	0.131681	0.582442	-1.71691	0.015216	0.3715	-2.69179	0.527524	0.808457	-1.23692	4.05987	7.09434	1.55327	1
cg07029460	TBC1D3P2	0.0121527	0.0301636	0.356599	-2.80427	0.0148435	0.297556	-3.36071	0.00524254	0.225512	-4.43435	0.192243	0.572201	-1.74764	0.201782	0.579736	-1.72492	0.0175636	0.31075	-3.21802	0.00202749	0.171981	-5.81459	0.285263	0.638323	-1.5666	0.00643829	0.238535	-4.19225	5.55067	14.3815	2.30306	1
cg09999984	TBC1D4	4.44E-05	0.186657	0.853928	-1.17106	0.201696	1.16425	1.16425	0.000178562	0.488664	-2.04639	0.347367	0.896598	-1.11533	4.87E-06	0.308129	-3.24539	0.0797292	1.24528	1.24528	0.00334259	1.56908	1.56908	0.388116	1.10493	1.10493	6.81E-05	0.439579	-2.27491	27.4654	5.53506	0.179136	1
cg04192412	TBC1D4	0.000196023	0.0397033	0.574808	-1.73971	0.00485654	0.419168	-2.38568	0.000452258	0.276046	-3.62258	0.000695153	0.299765	-3.33595	1.93E-05	0.132725	-7.5344	0.34129	1.25647	1.25647	0.00298407	0.387335	-2.58175	0.000200416	0.233805	-4.27708	0.00388639	0.404435	-2.47258	18.4715	15.8581	0.763127	1
cg23811512	TBC1D4	0.000673247	0.175548	0.675855	-1.47961	0.00360186	0.342338	-2.92109	0.000112414	0.157888	-6.33358	0.342688	1.30459	1.30459	0.87462	0.95796	-1.04389	0.0954476	0.607622	-1.64576	0.000425509	0.219217	-4.56169	0.128104	1.56424	1.56424	0.000807	0.252862	-3.95472	13.1537	15.4113	1.04145	1
cg22476711	TBC1D4	0.00111773	0.00521774	0.56389	-1.7734	0.00440757	1.80553	1.80553	0.00173347	2.0027	2.0027	0.157408	0.79056	-1.26493	0.00240468	0.518272	-1.92949	0.00947633	0.599898	-1.66695	0.0192891	0.644073	-1.55262	0.31949	1.17341	1.17341	0.510975	1.1092	1.1092	11.4003	4.36268	0.340163	1
cg09692364	TBC1D4	0.00601893	0.0184735	0.514612	-1.94321	0.00955	0.466233	-2.14485	0.00431743	0.41189	-2.42783	0.119703	0.675368	-1.48067	0.00110149	0.326764	-3.06031	0.688103	1.09836	1.09836	0.00461309	0.416278	-2.40224	0.704959	1.09246	1.09246	0.896377	0.970161	-1.03076	6.93242	5.93414	0.760888	1
cg02813563	TBC1D4	0.0070332	0.915161	0.971618	-1.02921	0.0713014	0.580262	-1.72336	0.0122852	0.430586	-2.32242	0.0498846	0.546462	-1.82995	0.000121486	0.163095	-6.1314	0.466564	0.818576	-1.22163	0.843481	0.947989	-1.05486	0.536242	0.844316	-1.18439	0.474451	0.821568	-1.21719	6.60536	7.6374	1.02777	1
cg18597434	TBC1D4	0.0101723	0.915819	0.985782	-1.01442	0.595017	1.07537	1.07537	0.024614	1.43693	1.43693	0.859846	1.02423	1.02423	0.200864	0.832796	-1.20077	0.0845922	1.29479	1.29479	0.000379503	2.15742	2.15742	0.123572	1.25345	1.25345	0.0220423	1.4505	1.4505	5.87839	1.7077	0.258226	1
cg25808094	TBC1D4	0.0142792	0.0124781	0.581543	-1.71956	0.387498	1.16703	1.16703	0.179467	0.779854	-1.28229	0.799652	0.95662	-1.04535	0.0801753	0.712836	-1.40285	0.0153503	0.59519	-1.68014	0.00697465	1.83786	1.83786	0.20636	1.26166	1.26166	0.127583	0.75028	-1.33284	5.26556	2.53605	0.428115	1
cg09670790	TBC1D4;TBC1D4	0.00171787	0.100946	0.538675	-1.85641	0.0504696	0.464074	-2.15483	0.208924	1.57798	1.57798	0.0125914	0.343529	-2.91096	0.345657	1.3972	1.3972	0.000204546	0.117281	-8.5265	0.0626664	2.0573	2.0573	0.00101638	0.186681	-5.35673	0.959211	0.982541	-1.01777	10.0772	18.9282	1.66961	1
cg19498178	TBC1D5	0.00145245	0.101501	1.40082	1.40082	4.66E-05	4.2395	4.2395	0.0615948	1.48559	1.48559	0.0564293	1.50088	1.50088	0.005869	0.5077	-1.96967	0.103137	1.39816	1.39816	0.858976	1.034	1.034	0.956605	0.989823	-1.01028	0.0793991	1.44204	1.44204	10.5772	5.9202	0.497525	1
cg25631092	TBC1D5	0.0282866	0.410525	0.791009	-1.26421	0.0257363	0.478134	-2.09146	0.165974	0.662631	-1.50913	0.011344	2.41844	2.41844	0.0131545	0.424657	-2.35484	0.736171	0.910096	-1.09879	0.0372242	0.509817	-1.96149	0.59113	0.859785	-1.16308	0.550822	0.845243	-1.18309	4.17278	5.12878	1.09254	1
cg24713490	TBC1D5;TBC1D5	0.00414867	0.000140825	0.0721856	-13.8532	0.0840454	0.465448	-2.14847	0.355962	1.46207	1.46207	?	?	?	0.660893	0.838115	-1.19315	?	?	?	0.0295403	0.358754	-2.78742	0.933008	0.966925	-1.03421	0.656312	1.19624	1.19624	8.14865	16.0649	2.25312	1
cg07325041	TBC1D5;TBC1D5	0.0191291	0.0686518	0.758437	-1.3185	0.00193089	0.551372	-1.81366	0.509771	0.913273	-1.09496	0.0553833	0.744816	-1.34261	0.495881	1.09835	1.09835	0.976887	1.00394	1.00394	0.165487	0.818171	-1.22224	0.0100467	0.643514	-1.55397	0.160369	1.22565	1.22565	4.77611	1.39233	0.259129	1
ch.3.397026R	TBC1D5;TBC1D5;TBC1D5	0.000363776	0.00445571	0.763922	-1.30903	0.000701385	0.692946	-1.44311	0.00204022	0.734457	-1.36155	0.0161829	0.811542	-1.23222	1.50E-05	0.528767	-1.89119	0.110603	0.883899	-1.13135	0.148676	1.11623	1.11623	0.0507276	0.853834	-1.17119	0.65552	1.03239	1.03239	15.6028	1.24516	0.0709368	1
cg10684297	TBC1D5;TBC1D5;TBC1D5	0.0040133	0.0217199	0.524397	-1.90695	0.00896433	0.459006	-2.17862	0.00822565	0.452954	-2.20773	0.980807	1.00565	1.00565	0.00179618	0.353261	-2.83077	0.435948	1.20467	1.20467	0.0080657	0.451579	-2.21445	0.083217	1.56722	1.56722	0.0069986	0.441715	-2.26391	7.84464	6.81916	0.77269	1
cg01765641	TBC1D5;TBC1D5;TBC1D5	0.00419006	0.000282365	0.0831755	-12.0228	0.016102	3.43532	3.43532	0.115968	2.04614	2.04614	0.591483	0.796893	-1.25487	0.546264	0.77423	-1.29161	0.852194	1.0813	1.0813	0.284215	0.627382	-1.59393	0.379858	1.45864	1.45864	0.00858101	0.245387	-4.07519	7.74325	21.5363	2.47226	1
cg19440866	TBC1D5;TBC1D5;TBC1D5	0.00495615	0.397895	0.791728	-1.26306	0.00123641	0.279678	-3.57554	0.00023142	0.192261	-5.20127	0.455593	0.81462	-1.22757	0.12951	0.642798	-1.5557	0.569258	0.856247	-1.16789	0.211257	1.42668	1.42668	0.798413	1.07149	1.07149	0.831864	0.944251	-1.05904	7.35835	8.4834	1.0248	1
cg02690148	TBC1D5;TBC1D5;TBC1D5	0.0077824	0.789804	0.952572	-1.04979	0.285019	0.817123	-1.22381	0.0892674	0.711208	-1.40606	0.341524	1.19512	1.19512	0.00410222	0.496423	-2.01441	0.190296	1.28693	1.28693	0.00906902	1.8278	1.8278	0.0182477	1.68393	1.68393	0.025544	0.617194	-1.62024	6.39939	3.35241	0.465658	1
cg22375856	TBC1D5;TBC1D5;TBC1D5	0.0223539	0.0801884	0.607552	-1.64595	0.00277014	0.346649	-2.88476	0.00635915	0.401777	-2.48894	0.746166	1.08696	1.08696	0.0138504	0.458043	-2.1832	0.662052	1.11953	1.11953	0.246583	0.732663	-1.36488	0.123101	0.65126	-1.53548	0.258636	0.738906	-1.35335	4.52905	4.72771	0.927879	1
cg01076454	TBC1D5;TBC1D5;TBC1D5	0.0412124	0.0182492	0.584816	-1.70994	0.0231081	0.601365	-1.66288	0.0594749	0.671478	-1.48925	0.115473	0.725876	-1.37765	0.00665783	0.517254	-1.93329	0.142563	0.744463	-1.34325	0.0847499	0.69983	-1.42892	0.998782	1.00029	1.00029	0.036527	0.634465	-1.57613	3.64277	2.02228	0.493466	1
cg09258965	TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.000118834	0.000279782	0.325766	-3.06968	0.00179282	0.432331	-2.31304	0.0178635	0.580786	-1.72181	0.847	0.964197	-1.03713	0.000152938	0.293639	-3.40555	9.12E-05	0.267236	-3.74201	2.09E-05	0.198061	-5.04896	0.0014786	0.420755	-2.37668	0.000897875	0.391344	-2.5553	21.1404	11.9275	0.501514	1
cg11728143	TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.00312855	0.946566	1.01014	1.01014	0.000368349	0.423862	-2.35926	0.00169486	0.509172	-1.96397	0.0750453	1.34767	1.34767	0.966213	1.0064	1.0064	0.903136	1.01849	1.01849	0.0292615	1.47191	1.47191	0.124341	0.77845	-1.2846	0.139469	0.787133	-1.27043	8.45208	3.03239	0.31891	1
cg00996095	TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.00322937	0.858475	0.966989	-1.03414	0.490162	1.14091	1.14091	0.118534	1.37533	1.37533	0.226041	1.27009	1.27009	0.289626	0.813252	-1.22963	0.47895	0.873394	-1.14496	6.08E-05	0.248499	-4.02416	0.42008	0.856477	-1.16757	0.121866	1.37077	1.37077	8.37263	4.69034	0.497954	1
cg11562466	TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.00881135	0.0461898	0.693479	-1.44201	0.00685212	0.570561	-1.75266	0.0559277	0.706806	-1.41482	0.023369	0.647827	-1.54362	0.00546613	0.55682	-1.79591	0.941777	0.988364	-1.01177	0.606504	0.920117	-1.08682	0.0320033	1.49571	1.49571	0.0888714	1.35081	1.35081	6.15357	2.50246	0.361483	1
cg05278335	TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.0176316	0.913472	0.983326	-1.01696	0.0429234	0.697383	-1.43393	0.139524	0.781937	-1.27888	0.761171	0.953935	-1.04829	0.671955	1.06811	1.06811	0.0014186	0.489492	-2.04294	0.00269363	0.526507	-1.89931	0.877723	0.976463	-1.0241	0.806919	0.962828	-1.03861	4.90912	1.86068	0.336912	1
cg22907165	TBC1D7;TBC1D7;TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.00187527	0.129973	0.879656	-1.13681	0.694418	0.969521	-1.03144	0.964724	0.996539	-1.00347	0.178617	0.894023	-1.11854	0.00599836	0.754636	-1.32514	0.126092	0.878318	-1.13854	2.94E-05	0.526299	-1.90006	0.637875	1.03786	1.03786	0.43853	1.0639	1.0639	9.82426	0.956202	0.0865162	1
cg27587307	TBC1D8	0.0019329	0.00283425	0.570444	-1.75302	0.118313	1.26059	1.26059	0.000160599	0.414619	-2.41185	0.257556	1.1751	1.1751	0.997449	0.999563	-1.00044	0.816735	1.03221	1.03221	0.087184	1.29424	1.29424	0.130043	1.25023	1.25023	0.0219466	0.687022	-1.45556	9.73818	2.87647	0.262561	1
cg12594615	TBC1D8	0.00291738	0.0035891	0.566054	-1.76662	0.00247692	1.83501	1.83501	0.249589	1.18962	1.18962	0.741668	1.04889	1.04889	0.00748941	0.608502	-1.64338	0.820666	1.03331	1.03331	0.148585	1.25054	1.25054	0.00250842	1.8326	1.8326	0.661709	1.06559	1.06559	8.62936	2.84573	0.293131	1
cg16145071	TBC1D8	0.00385347	0.730462	0.91448	-1.09352	0.748572	0.920231	-1.08668	0.258389	0.737234	-1.35642	0.0156177	0.46472	-2.15183	4.71E-05	0.137567	-7.26917	0.155766	0.6753	-1.48082	0.636609	0.884244	-1.13091	0.944677	0.98222	-1.0181	0.0838456	0.609847	-1.63976	7.94123	8.40464	0.94076	1
cg14573099	TBC1D8	0.0185078	0.741931	0.940004	-1.06383	0.00122663	0.412578	-2.42378	0.0242799	0.604856	-1.65329	0.0718976	1.45672	1.45672	0.915401	1.02009	1.02009	0.171128	1.31369	1.31369	0.529458	1.12668	1.12668	0.564245	0.896612	-1.11531	0.202093	0.777104	-1.28683	4.82967	2.68153	0.493529	1
cg10182355	TBC1D8	0.023931	0.448516	0.868838	-1.15096	0.0616044	1.46705	1.46705	0.0812297	1.42172	1.42172	0.0818215	0.703957	-1.42054	0.0415335	0.651922	-1.53393	0.0155953	0.582868	-1.71565	0.0252603	0.61614	-1.62301	0.090159	0.711798	-1.40489	0.228348	0.794412	-1.25879	4.42381	2.32165	0.466497	1
cg23907051	TBC1D8	0.0258089	0.0714632	0.332087	-3.01126	0.178621	0.457239	-2.18704	0.107555	0.382206	-2.61639	0.0374209	0.266451	-3.75304	0.00384891	0.118485	-8.4399	0.45509	0.659256	-1.51686	0.0034928	0.114166	-8.75917	0.0582962	0.309819	-3.22769	0.0394174	0.271208	-3.6872	4.30916	20.4671	4.22194	1
cg17461003	TBC1D8	0.0297885	0.0898076	0.540026	-1.85176	0.0690364	1.95489	1.95489	0.380491	0.743494	-1.345	0.00821477	3.04678	3.04678	0.0243123	0.412939	-2.42167	0.145243	1.67422	1.67422	0.2884	0.695494	-1.43783	0.496172	1.25566	1.25566	0.920128	0.967494	-1.0336	4.09711	7.04426	1.52829	1
cg10523140	TBC1D8	0.0310088	0.0387104	0.45415	-2.20192	0.0109282	2.86682	2.86682	0.958226	0.982878	-1.01742	0.315722	1.40779	1.40779	0.256344	0.676624	-1.47793	0.799765	0.919613	-1.08741	0.0960191	0.547336	-1.82703	0.292242	0.697478	-1.43374	0.0130191	0.362088	-2.76176	4.03902	6.95394	1.53039	1
cg04316311	TBC1D8	0.038726	0.479324	0.879478	-1.13704	0.197997	0.78429	-1.27504	0.120352	0.740162	-1.35105	0.343508	0.840072	-1.19037	0.826062	1.04009	1.04009	0.106472	1.36997	1.36997	0.00326952	2.04617	2.04617	0.330545	0.835852	-1.19638	0.170818	1.29751	1.29751	3.72721	1.88262	0.448979	1
cg21642632	TBC1D8	0.0478813	0.00930447	0.677849	-1.47526	0.436991	0.910786	-1.09795	0.0859579	0.799616	-1.2506	0.804716	1.02963	1.02963	0.099409	0.808278	-1.2372	0.340203	0.890617	-1.12282	0.0226463	1.37935	1.37935	0.805725	1.02947	1.02947	0.183442	0.846765	-1.18096	3.44419	0.757615	0.195528	1
cg10066684	TBC1D8B;TBC1D8B	0.00272675	0.0164895	0.464458	-2.15305	0.00488632	0.376654	-2.65495	0.221021	0.714087	-1.40039	0.00957244	0.423694	-2.36019	0.000472112	0.237476	-4.21095	0.154928	0.671359	-1.48952	0.000811052	0.266565	-3.75142	0.00201578	0.319708	-3.12786	0.197435	0.70003	-1.42851	8.80372	9.55312	0.964554	1
cg21692664	TBC1D8B;TBC1D8B	0.0499139	0.0503139	0.227896	-4.38796	0.625372	0.721696	-1.38562	0.710557	0.781081	-1.28028	0.699807	1.29279	1.29279	0.0946322	0.295918	-3.37932	0.704694	0.776953	-1.28708	0.00224224	0.0586519	-17.0497	0.258509	2.1846	2.1846	0.179555	0.38873	-2.57248	3.39022	23.589	6.18485	1
cg05166410	TBC1D9	0.000438154	0.0246492	0.635949	-1.57245	0.0251609	1.56903	1.56903	0.554016	1.10656	1.10656	0.267427	0.822477	-1.21584	2.99E-05	0.251112	-3.98229	0.000236622	0.356844	-2.80234	0.431697	1.1454	1.1454	0.35518	0.851382	-1.17456	0.0125966	0.591671	-1.69013	14.8227	6.71785	0.402857	1
cg26109423	TBC1D9	0.00574045	0.00929729	0.371724	-2.69017	0.389	1.30311	1.30311	0.0484902	0.508652	-1.96598	0.199203	1.50202	1.50202	0.0758027	0.552863	-1.80876	0.00291296	0.293221	-3.4104	0.00121816	0.241805	-4.13557	0.8716	0.952649	-1.0497	0.0184161	0.424192	-2.35742	7.03441	10.0197	1.26612	1
cg02188818	TBC1D9	0.00800746	0.40315	1.20908	1.20908	0.0460659	0.602119	-1.6608	0.490483	1.16817	1.16817	0.0155637	1.93162	1.93162	0.330007	0.800051	-1.24992	0.482291	0.853439	-1.17173	0.000555654	0.304565	-3.28337	0.096179	0.66669	-1.49995	0.294281	1.27303	1.27303	6.34229	4.94696	0.693329	1
cg24703951	TBC1D9	0.00974372	0.87035	0.951732	-1.05072	0.00191404	3.78472	3.78472	0.0041958	3.19476	3.19476	0.668538	0.877701	-1.13934	0.376166	0.759525	-1.31661	0.00924235	0.367664	-2.71987	0.898036	1.03959	1.03959	0.801143	1.07943	1.07943	0.861947	0.94865	-1.05413	5.95985	8.6582	1.29134	1
cg15950795	TBC1D9	0.0134847	0.00929463	0.468135	-2.13614	0.0335085	0.564807	-1.77052	0.00572503	0.43466	-2.30065	0.074097	0.632684	-1.58057	0.00620031	0.44007	-2.27237	0.0538522	0.604437	-1.65443	0.165351	0.711532	-1.40542	0.841661	1.04708	1.04708	0.00447729	0.418216	-2.39111	5.36551	4.49521	0.744709	1
cg04256347	TBC1D9	0.0172217	0.67262	1.09224	1.09224	0.00290977	0.427654	-2.33834	0.120654	0.705079	-1.41828	0.724561	1.07621	1.07621	0.183325	0.745953	-1.34057	0.835407	1.04414	1.04414	0.00147301	0.385659	-2.59297	0.454053	1.17155	1.17155	0.531325	0.876657	-1.1407	4.94798	3.37745	0.606749	1
cg18179039	TBC1D9	0.0231848	0.604328	0.793357	-1.26047	0.283936	1.6371	1.6371	0.583767	0.782698	-1.27763	0.00294657	0.164003	-6.09747	0.00534467	0.196957	-5.07724	0.0825973	0.426858	-2.3427	0.351729	0.654179	-1.52863	0.706015	1.18271	1.18271	0.0318129	0.328181	-3.0471	4.4725	13.8893	2.76043	1
cg22631616	TBC1D9	0.0419336	0.0576573	2.34908	2.34908	0.194385	1.72669	1.72669	0.306875	1.52327	1.52327	0.130818	1.91383	1.91383	0.575501	1.25243	1.25243	0.205091	1.70222	1.70222	0.0337204	2.68221	2.68221	0.00152665	6.14283	6.14283	0.050117	2.43187	2.43187	3.61945	9.07382	2.22841	1
cg03135535	TBC1D9	0.0489618	0.0137392	8.54735	8.54735	0.0171094	7.74383	7.74383	0.0652138	4.29682	4.29682	0.0243622	6.61731	6.61731	0.21421	2.51182	2.51182	0.0286339	6.16212	6.16212	0.0839832	3.84459	3.84459	0.0529481	4.70718	4.70718	0.0969741	3.60754	3.60754	3.41523	26.8301	6.98313	1
cg10737521	TBC1D9B;TBC1D9B	0.000112361	0.00136905	0.28447	-3.5153	0.000104448	6.39937	6.39937	0.0584972	1.78343	1.78343	0.0001377	5.95387	5.95387	0.00358161	0.343778	-2.90886	0.527807	1.18902	1.18902	0.00477818	0.36285	-2.75596	0.907837	0.969142	-1.03184	0.00160428	3.40361	3.40361	21.4603	24.8972	1.03125	1
cg12080675	TBC1D9B;TBC1D9B	0.000437179	0.0120523	0.275519	-3.62951	0.00346054	5.12575	5.12575	0.168729	1.82906	1.82906	0.000231063	12.39	12.39	?	?	?	0.176599	1.80662	1.80662	0.00700713	0.237955	-4.20248	0.139485	0.519566	-1.92468	0.000694972	8.42017	8.42017	15.1953	36.2649	2.38659	1
cg11449735	TBC1D9B;TBC1D9B	0.00552329	0.00230288	0.325415	-3.073	0.232349	0.718846	-1.39112	0.0140199	0.449547	-2.22446	0.739252	1.09203	1.09203	0.00209435	0.319546	-3.12944	0.00229231	0.325129	-3.0757	0.718618	0.909043	-1.10006	0.760049	1.08409	1.08409	0.0103762	0.427074	-2.34151	7.11831	7.83134	0.977927	1
cg22563312	TBC1D9B;TBC1D9B	0.0057438	?	?	?	0.00231275	9.02941	9.02941	0.00538355	5.74794	5.74794	0.100031	0.506756	-1.97334	0.0355827	0.369945	-2.7031	?	?	?	0.932327	0.971589	-1.02924	?	?	?	0.0279254	0.340923	-2.93321	20.4268	21.6166	0.705497	1
cg07321730	TBC1D9B;TBC1D9B	0.015233	0.773343	1.20789	1.20789	0.00796651	0.108083	-9.25217	0.317079	0.508414	-1.9669	0.0362204	0.20334	-4.91786	0.000978737	0.040484	-24.7011	0.078123	0.277976	-3.59743	0.0208067	0.162051	-6.1709	0.935398	0.948359	-1.05445	0.108931	0.318717	-3.13758	5.15435	34.9223	6.0225	1
cg17662369	TBC1D9B;TBC1D9B	0.0247145	0.0727415	0.426764	-2.34321	0.113782	0.481015	-2.07894	0.0761664	2.31476	2.31476	0.453686	0.722771	-1.38356	0.0333443	0.347217	-2.88004	0.0231535	0.315099	-3.1736	0.00570303	0.213951	-4.67396	0.030433	0.338904	-2.95069	0.491088	0.742676	-1.34648	4.37466	12.5355	2.54709	1
cg24795093	TBC1D9B;TBC1D9B	0.0391443	0.00552526	0.295994	-3.37845	0.890549	1.04704	1.04704	0.505563	1.25298	1.25298	0.784943	0.912728	-1.09562	0.376771	0.738752	-1.35363	0.00652188	0.307249	-3.25469	0.481398	0.787485	-1.26987	0.819605	1.07924	1.07924	0.0273352	0.418264	-2.39084	3.71255	6.55318	1.56902	1
cg16161135	TBC1D9B;TBC1D9B	0.0429439	0.578063	1.26055	1.26055	0.0252259	2.99426	2.99426	0.0406764	2.64822	2.64822	0.507936	1.31889	1.31889	0.00651957	0.232975	-4.29231	0.653577	1.20462	1.20462	0.843814	1.08468	1.08468	0.971927	1.01461	1.01461	0.257115	0.614223	-1.62807	3.58759	9.64948	2.39083	1
cg03705405	TBCA	0.0445489	0.0976227	0.757413	-1.32028	0.0651172	0.728635	-1.37243	0.321338	1.16956	1.16956	0.143869	0.786589	-1.27131	0.889129	0.978903	-1.02155	0.870837	1.02519	1.02519	0.0023466	0.522525	-1.91378	0.060659	0.723738	-1.38172	0.757181	0.953695	-1.04855	3.53884	1.30981	0.328999	1
cg20735914	TBCB	0.0144598	0.744529	1.08335	1.08335	0.00335958	2.65631	2.65631	0.0787928	1.61275	1.61275	0.885409	0.965309	-1.03594	0.536056	0.857766	-1.16582	0.0053048	0.406718	-2.45871	0.0316063	1.85349	1.85349	0.563035	0.866611	-1.15392	0.741412	0.922121	-1.08446	5.24382	4.97879	0.843964	1
cg00081084	TBCB	0.0186368	0.251347	1.19609	1.19609	0.0426112	0.705552	-1.41733	0.0145324	1.56799	1.56799	0.0602684	1.37246	1.37246	0.602483	1.08168	1.08168	0.00811516	1.65932	1.65932	0.0187785	1.53021	1.53021	0.513461	0.905731	-1.10408	0.417997	0.883684	-1.13163	4.81837	1.70353	0.314266	1
cg08032619	TBCB	0.0191914	0.00838642	0.307651	-3.25043	0.368386	1.38181	1.38181	0.0152186	0.352244	-2.83894	0.121828	0.55598	-1.79863	0.00380624	0.255109	-3.91989	0.0171936	0.361966	-2.76269	0.782827	1.10155	1.10155	0.4121	0.745616	-1.34117	0.185978	0.612113	-1.63369	4.77086	9.25771	1.72486	1
cg22736682	TBCB	0.0404761	0.959579	1.00938	1.00938	0.154059	1.32475	1.32475	0.056749	0.672041	-1.48801	0.734846	0.93927	-1.06466	0.00253125	0.461871	-2.16511	0.1039	1.3878	1.3878	0.641632	1.09023	1.09023	0.655526	1.08627	1.08627	0.871251	0.970549	-1.03034	3.66711	1.9728	0.478196	1
cg09056317	TBCB;POLR2I	0.0212972	0.299383	1.24812	1.24812	0.00354669	2.25784	2.25784	0.0868484	1.47653	1.47653	0.0190427	1.79484	1.79484	0.0950768	1.45933	1.45933	0.342843	1.2231	1.2231	0.220372	0.7668	-1.30412	0.544019	1.13491	1.13491	0.00498436	2.15099	2.15099	4.60486	3.09712	0.597846	1
cg02449638	TBCB;POLR2I	0.0275664	0.0641926	0.666207	-1.50103	0.23288	0.783262	-1.27671	0.437678	1.1672	1.1672	0.842447	0.961882	-1.03963	0.00185619	0.422056	-2.36935	0.00868997	0.520441	-1.92145	0.268394	0.798419	-1.25247	0.079354	0.683635	-1.46277	0.968918	0.99242	-1.00764	4.21085	2.54333	0.536884	1
cg04523095	TBCB;POLR2I	0.037418	0.76027	0.905043	-1.10492	0.727106	0.892061	-1.121	0.910436	1.03737	1.03737	0.844518	1.06611	1.06611	0.930912	0.972126	-1.02867	0.000823894	0.193466	-5.16888	0.0533792	0.488984	-2.04506	0.821586	0.92901	-1.07641	0.0903696	0.544234	-1.83745	3.77436	6.35349	1.49629	1
cg15204645	TBCC	0.00196405	0.00109851	0.675611	-1.48014	0.737403	0.972957	-1.02779	0.465839	0.941329	-1.06233	?	?	?	0.0211515	1.25337	1.25337	0.407572	0.933311	-1.07145	0.00177594	0.695912	-1.43696	0.321266	1.08707	1.08707	0.00418524	1.36695	1.36695	9.91492	0.926455	0.0934404	1
cg15435046	TBCC	0.0021545	0.0946182	0.697427	-1.43384	0.000181693	3.46247	3.46247	0.0521003	1.54247	1.54247	0.0137658	0.550293	-1.81721	0.111535	0.711794	-1.4049	0.0114379	0.537542	-1.86032	0.304315	1.23203	1.23203	0.909487	1.02256	1.02256	0.953223	0.98856	-1.01157	9.43477	5.74877	0.541615	1
cg23955494	TBCC	0.0316429	0.133467	0.755975	-1.32279	0.0529686	1.46242	1.46242	0.524568	0.894539	-1.11789	0.0101648	0.571081	-1.75107	0.325902	0.839199	-1.19161	0.155421	0.76895	-1.30047	0.0288338	0.640519	-1.56123	0.577991	0.90744	-1.102	0.0610834	1.44021	1.44021	4.00994	1.89699	0.420508	1
cg05495412	TBCC	0.038094	0.536701	0.943622	-1.05975	0.521027	0.941444	-1.0622	0.683669	0.962713	-1.03873	0.015056	1.31936	1.31936	0.00608895	1.394	1.394	0.0210779	1.29348	1.29348	0.823583	0.979501	-1.02093	0.931296	1.00803	1.00803	0.127491	1.16517	1.16517	3.74974	0.510987	0.121131	1
cg02742551	TBCCD1	0.0106198	0.0329963	0.310761	-3.21791	0.00741634	0.198557	-5.03634	0.119468	0.452967	-2.20766	0.849103	0.914589	-1.09339	0.013133	0.236556	-4.22732	0.0420925	0.333623	-2.9974	0.00152046	0.117646	-8.50005	0.00729018	0.197498	-5.06335	0.0241548	0.283609	-3.52598	5.79777	20.1742	3.09302	1
cg14506751	TBCCD1;DNAJB11	0.000232231	3.99E-05	0.499345	-2.00262	0.000792614	0.638683	-1.56572	0.00794233	0.740059	-1.35124	0.0576292	0.827063	-1.2091	0.000621139	0.627681	-1.59317	0.00474662	0.71772	-1.3933	0.986234	0.998475	-1.00153	0.000129278	0.555268	-1.80093	0.110393	1.16634	1.16634	17.6406	2.18538	0.110119	1
cg26402401	TBCCD1;DNAJB11	0.000394957	0.042813	0.885776	-1.12895	0.87089	1.0085	1.0085	0.000191335	1.38672	1.38672	4.47E-05	1.49489	1.49489	0.00471913	1.21569	1.21569	0.228527	1.06796	1.06796	0.308863	0.946683	-1.05632	0.675183	1.02217	1.02217	0.0025242	1.24378	1.24378	15.2535	0.653849	0.0381028	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06019718	TBCCD1;DNAJB11	0.00819339	?	?	?	0.00113288	29.0321	29.0321	0.00118655	28.1783	28.1783	0.0645816	3.69952	3.69952	0.821135	0.872191	-1.14654
cg08004906	TBCCD1;DNAJB11	0.00868107	0.0379727	1.29401	1.29401	0.27977	0.886592	-1.12791	0.173079	0.856152	-1.16802	0.677857	0.956237	-1.04577	0.00282988	1.5534	1.5534
cg00717862	TBCCD1;DNAJB11	0.0371991	0.0412564	0.68658	-1.45649	0.285227	1.19396	1.19396	0.150518	1.27905	1.27905	0.0465472	0.694846	-1.43917	0.0179975	1.58256	1.58256
cg26646903	TBCCD1;TBCCD1	0.0448732	0.767235	0.960134	-1.04152	0.635345	1.06766	1.06766	0.143016	1.24078	1.24078	0.419026	0.892999	-1.11982	0.994336	0.999028	-1.00097
cg21125848	TBCCD1;TBCCD1	0.0498767	0.658438	0.868683	-1.15117	0.00828701	0.343655	-2.9099	0.634943	0.859552	-1.1634	0.0708023	1.8942	1.8942	0.730346	0.896299	-1.1157
cg16106293	TBCD	2.35E-05	0.00774759	0.737098	-1.35667	5.61E-06	0.401122	-2.49301	0.278296	0.904342	-1.10578	0.858998	0.984265	-1.01599	4.98E-05	0.507134	-1.97187
cg17096374	TBCD	4.45E-05	6.92E-06	0.259179	-3.85833	0.43153	1.11496	1.11496	0.256148	0.851571	-1.1743	3.83E-05	0.342906	-2.91625	0.000247426	0.440307	-2.27114
cg04735719	TBCD	5.72E-05	0.158211	1.2687	1.2687	3.56E-06	5.56284	5.56284	0.564	1.09638	1.09638	0.0116168	0.60794	-1.6449	0.691437	0.939004	-1.06496
cg01045697	TBCD	9.20E-05	0.0128089	0.812779	-1.23035	9.24E-06	1.90132	1.90132	0.000331355	1.47479	1.47479	0.0738655	1.14292	1.14292	0.2229	0.917706	-1.08967
cg17290636	TBCD	0.000107916	0.00703524	0.682275	-1.46569	9.40E-05	2.14676	2.14676	0.00950105	1.43409	1.43409	0.769386	0.968256	-1.03279	2.15E-05	0.391436	-2.55469
cg10473821	TBCD	0.00011097	0.278562	0.88375	-1.13154	1.06E-05	0.35639	-2.80591	0.0126258	0.711681	-1.40512	0.618161	0.946371	-1.05667	0.816688	1.0258	1.0258
cg08290756	TBCD	0.000186687	0.00120074	0.41148	-2.43025	0.0157246	1.74017	1.74017	0.927173	1.01726	1.01726	0.927565	0.983127	-1.01716	0.00488798	0.497534	-2.00991
cg01453890	TBCD	0.000209127	0.0140834	0.777552	-1.28609	0.602615	0.957328	-1.04457	0.371873	1.07909	1.07909	0.13895	0.87614	-1.14137	0.0138115	1.28742	1.28742
cg00178635	TBCD	0.000215466	0.000262364	0.206488	-4.84289	0.121087	1.55583	1.55583	0.00319449	0.346971	-2.88209	0.472576	1.21181	1.21181	3.08E-05	0.117682	-8.49747
cg15415094	TBCD	0.000305722	0.162882	1.12485	1.12485	0.000282877	0.625898	-1.5977	0.00173104	0.702607	-1.42327	0.00624773	1.32507	1.32507	0.116849	1.14403	1.14403
cg12156500	TBCD	0.000325558	0.00455173	0.786524	-1.27142	3.45E-05	0.601049	-1.66376	0.182111	1.09416	1.09416	0.0336394	1.17079	1.17079	0.248739	1.07962	1.07962
cg00628277	TBCD	0.000410519	0.0116513	0.548283	-1.82388	0.00104893	2.5201	2.5201	0.0282921	0.610439	-1.63817	0.548605	1.12266	1.12266	0.000402703	0.342139	-2.92278
cg25022289	TBCD	0.00064823	8.96E-05	2.22496	2.22496	0.164113	0.844179	-1.18458	0.0590914	0.784139	-1.27528	0.0962356	1.2317	1.2317	0.642412	1.0548	1.0548
cg26911630	TBCD	0.000719255	0.671365	1.07775	1.07775	0.228709	1.2481	1.2481	0.561403	1.10851	1.10851	0.573115	1.10505	1.10505	0.482499	0.882298	-1.1334
cg05654422	TBCD	0.000721465	0.233067	0.619011	-1.61548	0.49837	0.768237	-1.30168	0.371518	1.42186	1.42186	0.300662	0.662727	-1.50892	9.94E-06	0.0262592	-38.0818
cg11068938	TBCD	0.000996907	0.00140691	0.256951	-3.8918	0.00111421	0.243844	-4.10098	0.000912613	0.232954	-4.29269	0.0641716	0.54268	-1.84271	0.000527145	0.204526	-4.88936
cg02217022	TBCD	0.00110885	0.000198897	0.341318	-2.92982	0.00289862	0.494444	-2.02248	0.0125671	0.586294	-1.70563	0.2334	0.806603	-1.23977	8.81E-05	0.298586	-3.34912
cg03303325	TBCD	0.00214956	0.220856	1.25647	1.25647	0.28772	1.21629	1.21629	0.623543	1.09172	1.09172	0.0126968	1.73225	1.73225	0.140897	0.755073	-1.32438
cg08977209	TBCD	0.00218493	0.425409	1.19127	1.19127	0.00042813	0.301584	-3.31582	0.0754822	0.65345	-1.53034	0.00959558	2.02403	2.02403	0.865003	1.03727	1.03727
cg24148882	TBCD	0.00243821	0.0475947	0.697509	-1.43367	0.410905	1.14305	1.14305	0.0956577	0.747501	-1.33779	0.957263	1.00856	1.00856	6.46E-05	0.311248	-3.21288
cg09665571	TBCD	0.00250488	0.00355088	0.550132	-1.81774	0.00102449	0.478946	-2.08792	0.00340402	0.547674	-1.8259	0.142893	0.788076	-1.26891	0.0295552	0.678746	-1.4733
cg02605237	TBCD	0.00274713	0.420261	0.81611	-1.22533	0.0792397	1.61744	1.61744	0.0508247	0.577491	-1.73163	0.340423	0.784701	-1.27437	0.000117846	0.189472	-5.27784
cg04774110	TBCD	0.00298007	0.017211	0.590154	-1.69447	0.00204411	0.45398	-2.20274	0.00737152	0.533975	-1.87275	0.760292	1.05717	1.05717	0.00038133	0.356723	-2.80329
cg21637826	TBCD	0.00326369	0.212317	0.723593	-1.38199	0.000279673	0.231421	-4.32113	0.0271688	0.525219	-1.90397	0.0035891	0.378621	-2.64116	0.530377	1.16944	1.16944
cg12963111	TBCD	0.00337208	0.897413	0.978077	-1.02241	0.585455	1.09928	1.09928	0.843773	0.966661	-1.03449	0.0550321	1.45334	1.45334	0.000132095	0.31995	-3.12549
cg11520030	TBCD	0.00339254	0.998869	1.00025	1.00025	0.0364237	0.650635	-1.53696	0.00176571	2.19729	2.19729	0.0635882	1.44574	1.44574	0.336026	1.19163	1.19163
cg10595753	TBCD	0.0034905	0.732974	1.09328	1.09328	0.00564095	2.57535	2.57535	0.259227	0.736008	-1.35868	0.0422238	1.83928	1.83928	0.753022	1.08568	1.08568
cg11867320	TBCD	0.00381442	0.184469	0.864154	-1.1572	0.55884	1.06323	1.06323	0.02812	0.764166	-1.30862	0.00403138	0.669887	-1.49279	0.0150831	1.36312	1.36312
cg07769421	TBCD	0.00405148	0.441809	1.14623	1.14623	0.0450134	1.49226	1.49226	0.222781	0.800162	-1.24975	0.249398	1.23305	1.23305	0.00136985	0.445657	-2.24388
cg26176141	TBCD	0.00446263	0.00827366	0.486994	-2.05341	0.48108	1.16487	1.16487	0.5435	0.877189	-1.14001	0.516477	0.869209	-1.15047	0.00169626	0.384633	-2.59988
cg10695049	TBCD	0.00451726	0.00722023	0.578497	-1.72862	0.0212696	1.54815	1.54815	0.59768	1.08771	1.08771	0.609841	0.921963	-1.08464	0.00307404	0.527398	-1.8961
cg27455613	TBCD	0.0051256	0.433679	0.885181	-1.12971	0.00193655	0.51192	-1.95343	0.0098383	0.607674	-1.64562	0.154242	0.792286	-1.26217	0.0146908	0.63221	-1.58175
cg21517158	TBCD	0.00553275	0.00695558	0.249908	-4.00148	0.0168443	0.314084	-3.18386	0.963492	0.981988	-1.01834	0.0715415	0.449726	-2.22358	0.0101164	0.275685	-3.62732
cg07309657	TBCD	0.00554166	0.272656	0.812667	-1.23052	0.38178	0.849615	-1.177	0.363913	0.844073	-1.18473	0.00479773	0.506614	-1.97389	0.0511637	0.667995	-1.49702
cg24481782	TBCD	0.00584656	0.0813949	0.646849	-1.54596	0.390028	0.819841	-1.21975	0.758595	0.932841	-1.07199	0.205519	0.739922	-1.35149	0.000228172	0.251285	-3.97954
cg14996929	TBCD	0.00649633	0.662701	0.90503	-1.10494	0.00212099	2.66992	2.66992	0.0144156	1.98504	1.98504	0.300129	1.27651	1.27651	0.255083	0.763262	-1.31017
cg03249047	TBCD	0.00674711	0.0781651	0.650847	-1.53646	0.318271	1.25405	1.25405	0.570226	0.881691	-1.13418	0.793516	0.944058	-1.05926	0.000276494	0.270796	-3.69281
cg13728128	TBCD	0.00707421	0.00458026	0.31549	-3.16967	0.0598363	0.52257	-1.91362	0.611829	1.1693	1.1693	0.0674518	0.534611	-1.87052	0.00617678	0.335711	-2.97875
cg07918170	TBCD	0.00724837	0.390321	0.657874	-1.52005	0.600207	0.777576	-1.28605	0.0176282	0.253209	-3.9493	0.463089	1.42662	1.42662	0.0703108	0.381968	-2.61802
cg24092000	TBCD	0.00766545	0.0172151	2.69141	2.69141	0.0703508	1.99372	1.99372	0.005062	3.54049	3.54049	0.0560149	2.09251	2.09251	0.43268	0.760988	-1.31408
cg10705731	TBCD	0.0078939	0.700714	1.03696	1.03696	0.0536958	0.813939	-1.22859	0.226043	0.887399	-1.12689	0.0510397	1.23224	1.23224	0.038433	0.798206	-1.25281
cg26558799	TBCD	0.00796867	0.453193	0.801095	-1.24829	0.0595717	0.539505	-1.85355	0.157598	0.64496	-1.55048	0.269106	1.39659	1.39659	0.0191846	0.439369	-2.27599
cg19882243	TBCD	0.00799329	0.46402	0.832947	-1.20056	0.0175609	0.492273	-2.03139	0.00478252	0.399125	-2.50548	0.194776	1.39986	1.39986	0.000900734	0.295689	-3.38193
cg01799560	TBCD	0.0082298	0.446836	0.898729	-1.11268	0.65811	0.940513	-1.06325	0.912319	1.01528	1.01528	0.58184	1.0796	1.0796	0.00035052	0.453283	-2.20613
cg11142556	TBCD	0.0082687	0.274484	0.824073	-1.21348	0.259161	0.818461	-1.22181	0.0479857	0.680659	-1.46916	0.014838	0.600472	-1.66536	0.000612139	0.407329	-2.45502
cg16436489	TBCD	0.00837625	0.464328	1.12066	1.12066	0.694902	1.06215	1.06215	0.0814586	0.744245	-1.34364	0.353368	1.15726	1.15726	0.00932606	0.603857	-1.65602
cg01798341	TBCD	0.00860209	0.00451984	0.541532	-1.84661	0.361038	0.858812	-1.1644	0.0174248	0.625483	-1.59877	0.0774463	0.727481	-1.37461	0.00561754	0.554711	-1.80274
cg16450577	TBCD	0.00927824	0.707906	0.880946	-1.13514	0.201598	0.634978	-1.57486	0.47964	1.27382	1.27382	0.0305244	2.35398	2.35398	0.084199	0.52549	-1.90299
cg11049863	TBCD	0.0096617	0.000280622	0.301167	-3.32041	0.57101	0.890758	-1.12264	0.018349	0.560889	-1.78288	0.262173	0.789604	-1.26646	0.768476	0.942102	-1.06146
cg06147026	TBCD	0.0100601	0.678936	1.10622	1.10622	0.278392	1.31437	1.31437	0.69293	1.10104	1.10104	0.364737	1.25343	1.25343	0.886661	0.966002	-1.03519
cg16306444	TBCD	0.012097	0.891734	0.977849	-1.02265	0.00878888	0.577611	-1.73127	0.0245138	0.643591	-1.55378	0.217217	1.23806	1.23806	0.450784	0.881274	-1.13472
cg05714748	TBCD	0.0123358	0.0246568	0.800225	-1.24965	0.832849	1.01776	1.01776	0.0717013	0.845778	-1.18234	0.146657	0.878304	-1.13856	0.0703335	0.844932	-1.18353
cg08605840	TBCD	0.0126775	0.39865	1.21659	1.21659	0.0235994	0.541578	-1.84646	0.679419	1.09887	1.09887	0.0255017	0.54759	-1.82619	0.0309278	0.562784	-1.77688
cg19173666	TBCD	0.0127415	0.235445	1.15809	1.15809	0.286022	0.877407	-1.13972	0.0985155	0.807465	-1.23844	0.77275	1.03477	1.03477	0.00673557	1.51391	1.51391
cg09677809	TBCD	0.0133479	0.269634	0.891838	-1.12128	0.345014	1.1017	1.1017	0.014448	0.740707	-1.35006	0.796187	0.974555	-1.02611	0.846605	1.01947	1.01947
cg00806009	TBCD	0.0148289	0.578488	0.849973	-1.17651	0.012767	2.44983	2.44983	0.229715	1.44053	1.44053	0.310178	1.35546	1.35546	0.2588	0.710894	-1.40668
cg27023871	TBCD	0.015242	0.979464	1.00336	1.00336	0.291827	0.867339	-1.15295	0.881734	0.980815	-1.01956	0.0723621	1.29813	1.29813	0.000718148	0.511743	-1.95411
cg04134755	TBCD	0.0156386	0.00203203	0.14613	-6.84321	0.799712	1.11895	1.11895	0.0378608	0.344937	-2.89908	0.490632	1.36276	1.36276	0.0130506	0.256318	-3.90141
cg14383062	TBCD	0.016214	0.0367738	0.256087	-3.90492	0.149936	0.420323	-2.37912	0.00948989	0.157959	-6.33077	0.0361899	0.254659	-3.92681	0.00618472	0.134665	-7.42582
cg16033277	TBCD	0.0181066	0.401879	1.22356	1.22356	0.134485	1.46157	1.46157	0.0110622	0.472668	-2.11565	0.108494	1.50944	1.50944	0.014691	0.493441	-2.02658
cg13280079	TBCD	0.0186159	0.076672	0.758869	-1.31775	0.0207694	0.677018	-1.47707	0.145806	0.803457	-1.24462	0.436712	0.894774	-1.1176	0.301386	0.860668	-1.16189
cg18183042	TBCD	0.0186974	0.768398	1.04669	1.04669	0.0119573	1.62362	1.62362	0.0168876	1.56901	1.56901	0.808103	1.03832	1.03832	0.215691	0.8176	-1.22309
cg06791695	TBCD	0.0212813	0.406228	0.821087	-1.2179	0.00604211	0.435178	-2.29791	0.00559793	0.430001	-2.32557	0.422663	0.826954	-1.20926	0.0263113	0.542658	-1.84278
cg02130289	TBCD	0.0220901	0.00571052	0.212014	-4.71667	0.152263	0.518768	-1.92764	0.870831	1.07213	1.07213	0.89408	1.05867	1.05867	0.00662139	0.221247	-4.51984
cg23666457	TBCD	0.022769	0.226677	1.47002	1.47002	0.621448	0.85978	-1.16309	0.313439	0.728731	-1.37225	0.00719705	0.34891	-2.86607	0.587187	1.18103	1.18103
cg14269021	TBCD	0.0229088	0.998813	0.999519	-1.00048	0.00084766	0.197247	-5.0698	0.180123	0.630868	-1.58512	0.0695027	1.9291	1.9291	0.184896	0.634412	-1.57626
cg11083511	TBCD	0.0237693	0.03096	0.644962	-1.55048	0.188258	0.785546	-1.273	0.0994011	0.731471	-1.36711	0.835613	1.03663	1.03663	0.172341	1.28593	1.28593
cg21467930	TBCD	0.0248454	0.101165	1.63742	1.63742	0.455464	0.811535	-1.23223	0.102999	0.612624	-1.63232	0.612329	0.869023	-1.15072	0.747137	0.914965	-1.09294
cg18397743	TBCD	0.0265563	0.0161495	0.30087	-3.32369	0.328576	0.662638	-1.50912	0.0390614	0.377299	-2.65041	0.106727	2.05186	2.05186	0.0150873	0.295584	-3.38313
cg18602928	TBCD	0.0266189	0.137177	0.684415	-1.4611	0.637962	0.893815	-1.1188	0.245277	1.33355	1.33355	0.751265	1.07823	1.07823	0.0116155	0.473692	-2.11108
cg24133771	TBCD	0.0276356	0.0144144	0.610748	-1.63734	0.151347	1.28579	1.28579	0.0488147	1.44466	1.44466	0.0505177	0.694621	-1.43963	0.0188367	0.628007	-1.59234
cg08155879	TBCD	0.0278662	0.91016	1.02221	1.02221	0.00837312	0.519103	-1.9264	0.00484974	0.48334	-2.06894	0.756455	1.06242	1.06242	0.468537	0.866284	-1.15436
cg11625077	TBCD	0.0286224	0.170416	1.31438	1.31438	0.0325896	1.5973	1.5973	0.0825283	0.697628	-1.43343	0.385173	0.846449	-1.18141	0.133736	0.738723	-1.35369
cg07317616	TBCD	0.0292202	0.175896	1.75949	1.75949	0.085427	2.10964	2.10964	0.983712	0.992017	-1.00805	0.194969	1.71296	1.71296	0.00303285	0.202928	-4.92786
cg07389512	TBCD	0.0296867	0.968444	0.993896	-1.00614	0.0525918	0.711014	-1.40644	0.993563	0.998752	-1.00125	0.932903	0.987052	-1.01312	0.0661314	0.726858	-1.37578
cg24777505	TBCD	0.0298023	0.500332	0.900895	-1.11001	0.152434	1.26344	1.26344	0.450674	1.1244	1.1244	0.92403	1.01466	1.01466	0.0626995	0.726495	-1.37647
cg03529015	TBCD	0.0313308	0.823169	1.09456	1.09456	0.0546448	2.41086	2.41086	0.551108	0.783915	-1.27565	0.235298	1.65222	1.65222	0.00269579	0.18755	-5.33192
cg23666829	TBCD	0.031431	0.119269	0.607326	-1.64656	0.439993	1.26151	1.26151	0.195535	0.667776	-1.49751	0.440537	1.26114	1.26114	0.00100423	0.236845	-4.22218
cg10310700	TBCD	0.0317633	0.289196	1.53233	1.53233	0.00210588	5.35284	5.35284	0.0689711	2.20222	2.20222	0.95771	1.02078	1.02078	0.0696264	0.455125	-2.1972
cg26092192	TBCD	0.0324985	0.21088	0.63223	-1.5817	0.0671887	0.489932	-2.0411	0.00292872	0.241353	-4.14331	0.277698	0.675283	-1.48086	0.605735	1.19853	1.19853
cg06446372	TBCD	0.0328326	0.0148982	0.546729	-1.82906	0.0131153	0.537786	-1.85947	0.70893	1.07854	1.07854	0.827546	0.956963	-1.04497	0.0587001	0.650138	-1.53813
cg25339368	TBCD	0.0329164	0.167773	0.702599	-1.42329	0.862819	1.04239	1.04239	0.425845	1.21558	1.21558	0.0729045	0.618607	-1.61654	0.0195411	0.507877	-1.96898
cg16218516	TBCD	0.0330873	0.656891	0.857974	-1.16554	0.0125285	0.345018	-2.8984	0.04791	0.460758	-2.17034	0.074613	0.506373	-1.97483	0.283913	0.682885	-1.46438
cg22633247	TBCD	0.0330947	0.846964	0.965583	-1.03564	0.223779	0.793205	-1.26071	0.659679	1.08364	1.08364	0.381573	0.84987	-1.17665	0.112808	1.36734	1.36734
cg19939880	TBCD	0.0338548	0.885914	1.02343	1.02343	0.0535599	0.702072	-1.42436	0.233005	1.22356	1.22356	0.570348	1.09696	1.09696	0.0176668	0.627744	-1.59301
cg17479501	TBCD	0.0339043	0.183494	2.23102	2.23102	0.894854	1.07809	1.07809	0.155612	2.37259	2.37259	0.206366	2.13381	2.13381	0.356069	0.582867	-1.71566
cg21462697	TBCD	0.0356509	0.71356	1.0441	1.0441	0.0592285	1.28317	1.28317	0.0682379	0.787402	-1.27	0.80111	0.970883	-1.02999	0.0868282	0.801402	-1.24781
cg02277520	TBCD	0.0361809	0.158313	0.824957	-1.21218	0.548977	1.08044	1.08044	0.00861039	1.53336	1.53336	0.328767	0.879321	-1.13724	0.232393	0.852325	-1.17326
cg07888957	TBCD	0.0365251	0.118412	0.630566	-1.58588	0.101324	1.6291	1.6291	0.202314	0.693374	-1.44222	0.469921	0.81875	-1.22137	0.0738048	0.581521	-1.71963
cg21693422	TBCD	0.0367802	0.379574	0.683673	-1.46269	0.382671	0.685446	-1.4589	0.783734	0.890418	-1.12307	0.081896	0.44339	-2.25535	0.00194977	0.157516	-6.34856
cg16094026	TBCD	0.0374788	0.800663	1.10615	1.10615	0.00935799	0.268702	-3.7216	0.622553	1.21877	1.21877	0.97399	0.987083	-1.01309	0.80472	0.90594	-1.10383
cg11140875	TBCD	0.037553	0.658887	0.899949	-1.11117	0.00501477	0.414389	-2.41319	0.473968	1.18863	1.18863	0.33417	1.26662	1.26662	0.129514	0.677967	-1.475
cg06614640	TBCD	0.038016	0.00222422	0.209022	-4.78419	0.221354	0.62524	-1.59938	0.23329	0.633465	-1.57862	0.453061	0.756357	-1.32213	0.0603334	0.461218	-2.16817
cg16043373	TBCD	0.0388084	0.291452	1.19848	1.19848	0.0642648	0.709016	-1.4104	0.532987	1.11009	1.11009	0.146361	0.772688	-1.29418	0.248725	1.22069	1.22069
cg24269082	TBCD	0.0390463	0.307632	0.891734	-1.12141	0.0045176	0.663253	-1.50772	0.729506	0.963036	-1.03838	0.0117517	0.71071	-1.40704	0.0101736	0.70352	-1.42142
cg10796650	TBCD	0.0407721	0.546872	1.16586	1.16586	0.289431	1.31888	1.31888	0.0518263	1.74539	1.74539	0.198548	1.40776	1.40776	0.530528	1.17342	1.17342
cg25819341	TBCD	0.042157	0.667504	0.881565	-1.13435	0.00151053	0.263635	-3.79313	0.0567641	0.533149	-1.87565	0.899489	1.03755	1.03755	0.586651	0.852032	-1.17366
cg04819180	TBCD	0.0422261	0.0552146	0.376673	-2.65482	0.027024	0.308472	-3.24178	0.00994261	0.231621	-4.31739	0.106903	0.453525	-2.20495	0.015984	0.265787	-3.76241
cg00797490	TBCD	0.0424135	0.372154	0.706472	-1.41549	0.00678267	0.264328	-3.78318	0.0833347	0.48338	-2.06877	0.430925	0.737229	-1.35643	0.00850626	0.279834	-3.57355
cg09954813	TBCD	0.0425426	0.076054	0.497957	-2.00821	0.0413653	2.29559	2.29559	0.0603808	0.473304	-2.11281	0.890507	0.952516	-1.04985	0.045973	0.445828	-2.24302
cg22455720	TBCD	0.0435196	0.432839	1.47637	1.47637	0.295407	1.69576	1.69576	0.442038	0.682812	-1.46453	0.344523	1.60625	1.60625	0.0475798	0.331922	-3.01276
cg12742209	TBCD	0.0443976	0.0953484	0.730682	-1.36858	0.692878	1.07034	1.07034	0.0685201	1.41792	1.41792	0.910228	0.980871	-1.0195	0.639525	0.922398	-1.08413
cg06257378	TBCD	0.0447644	0.0366701	0.456962	-2.18837	0.842475	1.06629	1.06629	0.921969	1.03211	1.03211	0.429751	0.771037	-1.29695	0.00801242	0.334168	-2.9925
cg16755833	TBCD	0.0468338	0.356115	0.466181	-2.14509	0.0236816	0.113989	-8.77276	0.0493379	0.164679	-6.07243	0.315502	0.434099	-2.30362	0.0295469	0.127427	-7.84763
cg25134401	TBCD	0.0470099	0.515935	1.26401	1.26401	0.0109067	0.320891	-3.11632	0.0525747	0.45662	-2.19	0.440355	1.32298	1.32298	0.276995	0.668874	-1.49505
cg23180925	TBCD	0.0480377	0.118058	0.698866	-1.43089	0.0196448	0.551515	-1.81319	0.0407	0.607227	-1.64683	0.735598	0.930944	-1.07418	0.098238	0.681894	-1.4665
cg15853299	TBCD	0.049559	0.0332207	0.429569	-2.32792	0.00879973	0.322252	-3.10316	0.931943	0.971422	-1.02942	0.37718	1.36017	1.36017	0.0252465	0.405269	-2.46749
cg18699524	TBCD	0.0497609	0.0744496	1.51968	1.51968	0.00992387	1.98551	1.98551	0.0505125	0.625431	-1.5989	0.485125	0.861246	-1.16111	0.439153	0.846917	-1.18075
cg00492269	TBCD;ZNF750	0.000336943	0.00496669	0.728257	-1.37314	8.08E-05	1.83389	1.83389	0.00597032	0.736053	-1.3586	0.00123851	1.4956	1.4956	0.00985235	0.757212	-1.32063
cg03854913	TBCD;ZNF750	0.00094959	0.00391278	0.501954	-1.99221	0.0241197	1.61174	1.61174	0.286661	0.821709	-1.21698	0.166555	0.769679	-1.29924	2.70E-05	0.229869	-4.35031
cg00920422	TBCD;ZNF750	0.0036715	0.764045	1.05105	1.05105	0.012357	1.67398	1.67398	0.0520612	1.4413	1.4413	0.112845	1.33038	1.33038	0.000590648	0.415692	-2.40562
cg21338747	TBCD;ZNF750	0.00453064	0.0679259	0.721163	-1.38665	0.00484418	1.8173	1.8173	0.704297	1.06286	1.06286	0.390402	1.15109	1.15109	0.0350876	0.675349	-1.48072
cg05755899	TBCD;ZNF750	0.00526036	0.00192845	0.498704	-2.0052	0.204958	1.23615	1.23615	0.7272	1.05709	1.05709	0.0689806	0.724276	-1.38069	0.000285026	0.390876	-2.55836
cg22785294	TBCD;ZNF750	0.00879871	0.552436	1.12137	1.12137	0.855133	0.965768	-1.03545	0.0239832	0.598552	-1.6707	0.85448	0.965614	-1.03561	0.000187871	0.300915	-3.3232
cg02384546	TBCD;ZNF750	0.00882412	0.787284	1.05261	1.05261	0.0233352	1.67154	1.67154	0.407224	1.17435	1.17435	0.0626728	1.48748	1.48748	0.0273444	0.609633	-1.64033
cg21576525	TBCD;ZNF750	0.00935889	0.416371	0.897066	-1.11475	0.00209836	1.761	1.761	0.541651	1.08415	1.08415	0.879571	0.980368	-1.02003	0.676848	1.05634	1.05634
cg18121066	TBCD;ZNF750	0.0114704	0.555997	1.12956	1.12956	0.0187608	0.558456	-1.79065	0.130991	0.716353	-1.39596	0.042868	0.620782	-1.61087	0.020276	0.564097	-1.77275
cg12640817	TBCD;ZNF750	0.0144198	0.00382879	0.655194	-1.52627	0.0946637	1.22046	1.22046	0.488635	0.92654	-1.07928	0.305728	0.89135	-1.12189	0.319533	1.11803	1.11803
cg07114009	TBCD;ZNF750	0.0374541	0.161232	1.90668	1.90668	0.0114834	3.91152	3.91152	0.0220446	3.26871	3.26871	0.0391857	2.79917	2.79917	0.560919	1.28866	1.28866
cg00773060	TBCE;TBCE	0.000724741	0.0354388	0.506421	-1.97464	0.166576	0.663803	-1.50647	0.0678677	0.566544	-1.76509	0.287246	0.735654	-1.35933	6.55E-06	0.0615559	-16.2454
cg02154456	TBCE;TBCE	0.00306995	0.0017502	0.364627	-2.74253	0.00970596	0.477135	-2.09584	0.00827418	0.465949	-2.14616	0.991699	0.99765	-1.00236	0.00292792	0.396765	-2.52039
cg04846962	TBCE;TBCE	0.024246	0.10288	0.766716	-1.30426	0.0903372	1.32027	1.32027	0.100717	1.30687	1.30687	0.265654	0.841408	-1.18848	0.0339326	0.691709	-1.4457
cg26931960	TBCE;TBCE	0.031631	0.00143056	0.342529	-2.91946	0.750189	0.928474	-1.07704	0.978008	0.993616	-1.00642	0.912075	0.974664	-1.02599	0.0403664	0.576865	-1.73351
cg01819912	TBCE;TBCE	0.0422735	0.535979	0.757178	-1.32069	0.368332	1.50696	1.50696	0.324453	1.57086	1.57086	0.238358	1.72999	1.72999	0.00753619	0.217395	-4.59991
cg18084450	TBCE;TBCE	0.0458152	0.66305	0.920138	-1.08679	0.27511	1.24056	1.24056	0.0393772	1.57222	1.57222	0.801046	0.953193	-1.04911	0.507912	0.880273	-1.13601
cg17969377	TBCE;TBCE;TBCE	0.000147497	?	?	?	0.0624914	0.577625	-1.73123	0.0638121	0.579658	-1.72515	4.56E-06	0.0438851	-22.7868	0.0545119	0.564508	-1.77145
cg19081021	TBCEL;TBCEL	0.0216357	0.0358714	0.227975	-4.38645	0.0798305	0.308143	-3.24525	0.0167542	0.170647	-5.86006	0.659793	0.764698	-1.30771	0.00577299	0.111865	-8.93935
cg03375453	TBCEL;TBCEL	0.0216652	0.714532	1.0656	1.0656	0.33581	0.842279	-1.18726	0.202207	0.792256	-1.26222	0.000882249	2.36799	2.36799	0.666605	0.927782	-1.07784
cg25308231	TBCEL;TBCEL	0.0395552	0.741046	0.960072	-1.04159	0.101383	0.802209	-1.24656	0.0663501	1.2879	1.2879	0.712538	1.04652	1.04652	0.146317	0.825641	-1.21118
cg23954629	TBCEL;TBCEL	0.0457828	0.0125685	0.505442	-1.97847	0.980216	1.00528	1.00528	0.417303	0.838174	-1.19307	?	?	?	0.902057	1.02648	1.02648
cg00622204	TBCK;AIMP1;TBCK;AIMP1;TBCK;AIMP1; TBCK	0.00579895	9.58E-05	0.261051	-3.83067	0.00677778	0.507218	-1.97154	0.418727	0.852283	-1.17332	0.38703	0.842383	-1.18711	0.40348	0.847576	-1.17984
cg14037013	TBCK;TBCK;TBCK;TBCK	0.00465326	0.0361434	0.659235	-1.51691	0.154007	1.29818	1.29818	0.363563	0.852423	-1.17313	0.0493019	0.681343	-1.46769	0.00898451	0.566592	-1.76494
cg05285759	TBCK;TBCK;TBCK;TBCK	0.0108749	0.0154675	0.167757	-5.96099	0.657947	0.765074	-1.30706	0.214441	0.455914	-2.19339	0.0221382	0.192314	-5.19983	0.013524	0.159305	-6.27727
cg25174874	TBCK;TBCK;TBCK;TBCK	0.0203331	0.00632854	0.467592	-2.13861	0.0755316	0.655058	-1.52658	0.014885	0.527065	-1.8973	0.0301375	1.72502	1.72502	0.740331	0.931354	-1.07371
cg01869342	TBCK;TBCK;TBCK;TBCK	0.0265233	0.068552	0.469485	-2.12999	0.0163801	0.336863	-2.96856	0.0227528	0.363874	-2.74821	0.0446396	0.425292	-2.35133	0.0210278	0.357233	-2.79929
cg06527100	TBCK	0.0304275	0.562546	0.89199	-1.12108	0.206888	0.771147	-1.29677	0.0187242	[illegible]	-1.74386	0.314092	0.816074	-1.22538	0.0357403	0.608105	-1.64445

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06019718	0.128466	2.77415	2.77415	0.442766	0.621504	-1.609	0.884518	0.916006	-1.0917	0.304689	1.9149	1.9149	8.75313	42.7453	3.66258	1
cg08004906	0.0985895	0.823626	-1.21414	0.0156378	0.72798	-1.37366	0.0395607	1.29048	1.29048	0.106551	0.827967	-1.20778	6.18266	1.12374	0.161561	1
cg00717862	0.0795253	1.36457	1.36457	0.126577	1.30206	1.30206	0.57474	1.09477	1.09477	0.236656	1.219	1.219	3.78245	1.52809	0.359105	1
cg26646903	0.960612	1.00679	1.00679	0.00654085	0.616183	-1.62289	0.013308	1.52249	1.52249	0.219378	1.19365	1.19365	3.52925	1.04996	0.264447	1
cg21125848	0.0715634	0.529043	-1.8902	0.109442	1.73716	1.73716	0.249196	1.4639	1.4639	0.279836	1.42688	1.42688	3.39131	5.37791	1.40959	1
cg16106293	0.00089604	0.641805	-1.5581	9.42E-05	1.86034	1.86034	0.428922	1.07468	1.07468	0.000320244	0.594857	-1.68108	32.4808	4.09212	0.111987	1
cg17096374	0.148762	0.810653	-1.23357	0.00136731	0.532732	-1.87712	0.795682	0.965437	-1.0358	2.60E-05	0.323308	-3.09302	27.4472	7.98718	0.258668	1
cg04735719	0.0471248	0.698794	-1.43104	0.701282	0.941008	-1.06269	0.109587	0.759422	-1.31679	5.49E-05	0.305836	-3.26972	25.6873	10.125	0.350367	1
cg01045697	0.416865	1.05721	1.05721	4.55E-05	1.67689	1.67689	0.541391	1.04232	1.04232	0.322898	1.07086	1.07086	22.6412	1.61218	0.0632939	1
cg17290636	0.00435093	0.658314	-1.51903	0.038522	1.30086	1.30086	0.590703	1.06139	1.06139	0.596826	1.06033	1.06033	21.6936	4.13692	0.169509	1
cg10473821	0.0185194	1.36789	1.36789	6.50E-05	2.23555	2.23555	0.162391	0.849078	-1.17775	0.135996	0.838434	-1.1927	21.5321	4.1029	0.169376	1
cg08290756	1.80E-05	0.194111	-5.1517	0.000339459	0.339429	-2.94612	0.793804	0.952159	-1.05024	0.00133819	0.417897	-2.39293	18.7173	10.383	0.493091	1
cg01453890	0.797989	1.02152	1.02152	5.00E-06	2.37152	2.37152	0.0150603	0.78033	-1.28151	0.436725	0.936253	-1.06809	18.1501	1.9813	0.097033	1
cg00178635	0.0147033	0.454008	-2.2026	0.000419553	0.229832	-4.35101	0.160782	0.674411	-1.48278	0.000780959	0.262869	-3.80418	18.0036	19.7152	0.973397	1
cg15415094	0.00150634	1.43499	1.43499	0.0011971	1.4549	1.4549	0.955676	0.99562	-1.0044	0.0168726	0.79434	-1.25891	16.3653	1.61683	0.0878192	1
cg12156500	0.107196	0.894279	-1.11822	0.52364	1.04193	1.04193	0.0337162	0.854201	-1.17068	0.000183563	0.669139	-1.49446	16.0857	1.02871	0.056846	1
cg00628277	0.00250176	0.449093	-2.22671	0.0121061	0.550879	-1.81528	0.00392001	2.09594	2.09594	0.0167094	0.573011	-1.74517	15.0918	8.68445	0.511505	1
cg25022289	0.626838	0.945633	-1.05749	8.74E-05	2.23129	2.23129	0.57162	1.06739	1.06739	0.0811163	1.24687	1.24687	13.2938	2.74076	0.183261	1
cg26911630	0.608838	1.09478	1.09478	1.50E-05	0.207031	-4.8302	0.636819	1.08702	1.08702	0.00168153	0.454844	-2.19855	12.9123	6.29436	0.433305	1
cg05654422	0.424852	0.73153	-1.367	0.0862522	0.483335	-2.06896	0.167606	1.75805	1.75805	0.0687912	2.18423	2.18423	12.9012	30.0648	2.07145	1
cg11068938	0.00211335	0.28081	-3.56112	0.000804079	0.226199	-4.42088	0.630017	0.867074	-1.1533	0.00995606	0.384222	-2.60266	11.7769	16.1069	1.21571	1
cg02217022	0.195546	0.790192	-1.26551	0.392153	0.860014	-1.16277	0.613391	1.0916	1.0916	0.257571	0.816082	-1.22537	11.4262	5.355	0.416587	1
cg03303325	0.625105	0.916351	-1.09129	0.000337669	2.78695	2.78695	0.000294849	2.84602	2.84602	0.0303318	1.57086	1.57086	9.4411	4.70517	0.442996	1
cg08977209	0.150228	1.39322	1.39322	0.00859708	2.05567	2.05567	0.0203436	0.548084	-1.82454	0.0670317	0.64313	-1.5549	9.39617	6.8803	0.650885	1
cg24148882	0.577646	1.09356	1.09356	0.0243672	1.53202	1.53202	0.106837	0.755842	-1.32303	0.267098	0.832078	-1.20181	9.09877	3.64304	0.3559	1
cg09665571	0.000191187	0.386513	-2.58724	0.0473539	0.709533	-1.40938	0.297056	0.849157	-1.17764	0.0694971	0.73559	-1.35945	9.02686	3.27034	0.322036	1
cg02605237	0.00485083	0.397801	-2.51382	0.077965	1.62149	1.62149	0.865184	0.958932	-1.04283	0.624799	0.88547	-1.12934	8.78436	8.47276	0.857358	1
cg04774110	0.0108533	0.559226	-1.78819	0.020637	0.602614	-1.65944	0.0979195	0.719008	-1.39081	0.00374195	0.491031	-2.03653	8.5751	4.48343	0.464749	1
cg21637826	0.689704	0.905891	-1.10389	0.0139097	2.11343	2.11343	0.437725	0.822876	-1.21525	0.100611	0.642159	-1.55725	8.34629	8.0171	0.85383	1
cg12963111	0.173439	0.779652	-1.28262	0.271998	1.21714	1.21714	0.0142694	1.68097	1.68097	0.211284	0.797458	-1.25398	8.26531	3.86599	0.415767	1
cg11520030	0.0589327	0.685932	-1.45787	0.000689651	0.400247	-2.49846	0.446895	0.871957	-1.14685	0.756284	1.05657	1.05657	8.25038	4.08159	0.439747	1
cg10595753	0.000204005	0.197649	-5.05948	0.979861	1.00659	1.00659	0.839703	0.948625	-1.05416	0.0851003	0.609098	-1.64177	8.18046	8.78616	0.954705	1
cg11867320	0.0154586	1.3609	1.3609	0.00263139	1.54008	1.54008	0.604401	0.947234	-1.05571	0.263863	0.88621	-1.1284	7.96559	1.35719	0.15145	1
cg07769421	0.0357079	0.653547	-1.53011	0.00371884	1.97774	1.97774	0.0203214	1.62707	1.62707	0.755338	0.947058	-1.0559	7.82227	3.7516	0.426315	1
cg26176141	0.0166416	0.536306	-1.86461	0.649212	0.90703	-1.1025	0.00244956	2.45503	2.45503	0.0942038	0.675656	-1.48004	7.59692	5.46309	0.639217	1
cg10695049	0.00405088	0.543739	-1.83912	0.021937	1.5434	1.5434	0.867654	1.02668	1.02668	0.782022	1.04476	1.04476	7.56892	2.98764	0.350866	1
cg27455613	0.918729	1.0157	1.0157	0.00290541	1.8679	1.8679	0.300667	0.848973	-1.17789	0.542184	1.09877	1.09877	7.28318	2.68838	0.328109	1
cg21517158	0.01329	0.295732	-3.38143	0.000302409	0.097037	-10.3054	0.785729	0.897434	-1.11429	0.0677617	0.443725	-2.25365	7.11457	17.7698	2.22015	1
cg07309657	0.294311	1.2185	1.2185	0.000427284	2.75425	2.75425	0.780886	1.05197	1.05197	0.883146	1.02708	1.02708	7.11106	3.71749	0.46469	1
cg24481782	0.00405087	0.418786	-2.38785	0.642322	0.899887	-1.11125	0.363648	0.810142	-1.23435	0.00403482	0.418527	-2.38933	6.99483	5.63457	0.71603	1
cg14996929	0.00686247	0.451156	-2.21653	0.0548027	1.64085	1.64085	0.938954	1.01757	1.01757	0.056962	0.612776	-1.63192	6.77056	5.54299	0.727724	1
cg03249047	0.0109422	0.496167	-2.01545	0.00916233	0.483703	-2.06738	0.718923	1.08254	1.08254	0.724405	0.925253	-1.08079	6.69136	5.10402	0.678025	1
cg13728128	0.001805	0.257606	-3.8819	0.0106579	0.374843	-2.66778	0.988655	0.995664	-1.00435	0.00889787	0.361561	-2.76579	6.59339	9.75391	1.31497	1
cg07918170	0.989431	0.993719	-1.00632	0.000131208	0.0425262	-23.5149	0.803084	1.12621	1.12621	0.655697	0.807767	-1.23798	6.54351	23.4529	3.1859	1
cg24092000	0.239544	1.52215	1.52215	0.000353388	7.08205	7.08205	0.909029	1.03976	1.03976	0.240675	1.52047	1.52047	6.42987	11.8498	1.63816	1
cg10705731	0.371182	1.09012	1.09012	0.078261	1.20181	1.20181	0.045767	1.2401	1.2401	0.00133969	0.64531	-1.54964	6.37085	0.891004	0.124317	1
cg26558799	0.67317	0.884149	-1.13103	0.00840401	2.65645	2.65645	0.00167967	3.68214	3.68214	0.96232	0.986382	-1.01381	6.35199	8.47392	1.18583	1
cg19882243	0.041456	0.561751	-1.78015	0.920605	0.975846	-1.02475	0.257791	0.74855	-1.33592	0.0142982	0.476692	-2.09779	6.34582	6.04522	0.846782	1
cg01799560	0.273976	0.854906	-1.16972	0.00752796	1.60578	1.60578	0.830606	1.02994	1.02994	0.177304	0.820814	-1.2183	6.28781	1.88855	0.266979	1
cg11142556	0.0292061	0.645798	-1.54847	0.94288	1.01227	1.01227	0.611611	1.09105	1.09105	0.00332171	0.506437	-1.97458	6.27847	2.87961	0.407687	1
cg16436489	0.00160022	0.500329	-1.99868	0.00868895	1.66784	1.66784	0.807994	0.963445	-1.03794	0.24742	0.831127	-1.20319	6.25292	2.31688	0.329358	1
cg01798341	0.031614	0.664641	-1.50457	0.0257252	1.53633	1.53633	0.370817	0.861599	-1.16063	0.018816	0.630443	-1.58619	6.20057	2.58044	0.369922	1
cg16450577	0.591484	0.833217	-1.20017	0.000620205	5.89371	5.89371	0.0184982	2.61725	2.61725	0.864473	0.944089	-1.05922	6.05354	10.8747	1.59682	1
cg11049863	0.0285013	0.593186	-1.68581	0.190621	1.32315	1.32315	0.847093	0.961746	-1.03978	0.19993	0.760647	-1.31467	5.97595	3.86366	0.574698	1
cg06147026	0.0012021	0.31646	-3.15995	0.97202	0.99153	-1.00854	0.932734	0.979734	-1.02069	0.00120012	0.316363	-3.16093	5.89929	5.49584	0.828098	1
cg16306444	0.340243	1.17547	1.17547	0.0089456	1.72796	1.72796	0.0236015	1.55988	1.55988	0.151232	0.776492	-1.28784	5.55895	2.38202	0.380891	1
cg05714748	0.447323	0.937525	-1.06664	0.00162725	1.45655	1.45655	0.230781	0.900584	-1.11039	0.0479866	0.828369	-1.20719	5.52375	0.606979	0.0976757	1
cg08605840	0.340167	0.800095	-1.24985	0.00398284	2.40676	2.40676	0.112169	1.48056	1.48056	0.22605	0.749451	-1.33431	5.47484	4.46324	0.724647	1
cg19173666	0.0435065	1.31523	1.31523	0.0014608	1.72026	1.72026	0.445237	0.912238	-1.09621	0.55818	1.0724	1.0724	5.46585	1.2061	0.196144	1
cg09677809	0.117268	1.18462	1.18462	0.00409343	1.46755	1.46755	0.0112196	0.728778	-1.37216	0.185866	0.86964	-1.1499	5.38345	0.845442	0.139595	1
cg00806009	0.031291	0.48107	-2.0787	0.144313	0.634947	-1.57494	0.00315269	3.21747	3.21747	0.361736	0.762212	-1.31197	5.20039	6.9089	1.18092	1
cg27023871	0.663827	0.944682	-1.05856	0.0318916	1.38711	1.38711	0.894974	1.01734	1.01734	0.230647	0.849052	-1.17778	5.15333	1.38201	0.238381	1
cg04134755	0.0414486	0.353625	-2.82785	0.0377891	0.344758	-2.90059	0.806494	1.11459	1.11459	0.0255711	0.309545	-3.23055	5.10964	15.814	2.75106	1
cg14383062	0.0309679	0.241148	-4.14683	0.0053361	0.127327	-7.85378	0.336162	0.572997	-1.74521	0.00842003	0.151137	-6.61652	5.04861	25.2124	4.43905	1
cg16033277	0.838913	1.04903	1.04903	0.0156104	0.497965	-2.00817	0.040925	0.574142	-1.74173	0.672153	0.904742	-1.10529	4.86546	4.26181	0.778607	1
cg13280079	0.197751	1.21019	1.21019	0.0168013	1.50514	1.50514	0.0122763	0.645928	-1.54816	0.0398423	0.716795	-1.3951	4.8202	1.49909	0.276447	1
cg18183042	0.709762	0.94386	-1.05948	0.0143988	0.627397	-1.59389	0.0499127	1.41282	1.41282	0.136905	0.780652	-1.28098	4.8131	1.82071	0.33625	1
cg06791695	0.24592	0.754624	-1.32516	0.00335143	0.396105	-2.52459	0.0836087	0.641306	-1.55932	0.27968	0.770488	-1.29788	4.60604	3.92637	0.757725	1
cg02130289	0.0667893	0.414979	-2.40976	0.0109429	0.254945	-3.92241	0.0939276	0.454643	-2.19953	0.0248685	0.318939	-3.1354	4.54755	13.1916	2.57849	1
cg23666457	0.00552447	0.330589	-3.02491	0.9144	1.03317	1.03317	0.00789584	0.355489	-2.81303	0.773733	0.916225	-1.09143	4.50048	6.56658	1.29696	1
cg14269021	0.807276	1.08231	1.08231	0.214815	1.5259	1.5259	0.990291	1.00395	1.00395	0.84602	1.06494	1.06494	4.491	7.44923	1.4744	1
cg11083511	0.0534624	0.684024	-1.46194	0.0205189	0.616782	-1.62132	0.633945	1.0866	1.0866	0.00336812	0.50133	-1.99469	4.4342	2.10504	0.421981	1
cg21467930	0.916448	0.971583	-1.02925	0.000856998	3.95746	3.95746	0.343783	1.30723	1.30723	0.467685	0.816272	-1.22508	4.36664	5.21923	1.06244	1
cg18397743	0.19361	0.570434	-1.75305	0.0382712	0.375348	-2.66419	0.55934	1.27244	1.27244	0.0255819	0.338757	-2.95197	4.26637	11.2536	2.34467	1
cg18602928	0.00483488	0.412618	-2.42355	0.0476263	1.71005	1.71005	0.965705	1.01024	1.01024	0.300607	0.775657	-1.28923	4.26285	3.7873	0.789727	1
cg24133771	0.917914	1.017	1.017	0.854072	1.03056	1.03056	0.720309	1.06055	1.06055	0.0718155	0.719916	-1.38905	4.20714	1.78124	0.376342	1
cg08155879	0.486632	1.14749	1.14749	0.0324089	1.62819	1.62819	0.538134	0.885749	-1.12899	0.8834	1.02897	1.02897	4.19486	2.51669	0.533286	1
cg11625077	0.0685714	0.682679	-1.46482	0.0122077	1.79442	1.79442	0.23265	1.26409	1.26409	0.409691	0.853959	-1.17102	4.15544	2.30734	0.493564	1
cg07317616	0.750942	0.882479	-1.13317	0.0343384	2.63584	2.63584	0.223501	1.65224	1.65224	0.362411	1.44417	1.44417	4.12517	10.071	2.17009	1
cg07389512	0.00143146	0.489848	-2.04145	0.0823687	1.34691	1.34691	0.421175	0.880574	-1.13562	0.408877	0.877454	-1.13966	4.10209	1.55622	0.33722	1
cg24777505	0.432373	1.13002	1.13002	0.00270812	1.88142	1.88142	0.168772	0.799557	-1.25069	0.0898752	0.751853	-1.33005	4.09644	1.50998	0.327651	1
cg03529015	0.375109	0.692479	-1.44409	0.530304	0.77366	-1.29256	0.0420129	2.57508	2.57508	0.983505	0.991689	-1.00838	4.02416	10.3859	2.29412	1
cg23666829	0.053626	0.523893	-1.90879	0.867842	1.05035	1.05035	0.663636	0.878906	-1.13778	0.28236	0.719266	-1.39031	4.01958	5.53924	1.22495	1
cg10310700	0.261025	0.634616	-1.57576	0.19765	1.69598	1.69598	0.470309	1.32966	1.32966	0.538388	0.785325	-1.27336	4.0045	9.54427	2.11857	1
cg26092192	0.615529	1.19257	1.19257	0.0295547	2.43786	2.43786	0.561458	1.22655	1.22655	0.738783	0.890121	-1.12344	3.97182	7.60949	1.70299	1
cg06446372	0.010019	0.519187	-1.92609	0.355014	1.21149	1.21149	0.94701	0.986688	-1.01349	0.443434	1.17064	1.17064	3.95727	2.54806	0.57235	1
cg25339368	0.0528884	1.69592	1.69592	0.017815	1.99688	1.99688	0.228678	1.35433	1.35433	0.403779	1.22766	1.22766	3.95365	3.60918	0.811442	1
cg16218516	0.552096	1.22889	1.22889	0.00278738	0.243556	-4.10584	0.922492	0.967206	-1.03391	0.062007	0.48676	-2.0544	3.94631	7.33727	1.65269	1
cg22633247	0.116607	1.36213	1.36213	0.00108055	2.39837	2.39837	0.443191	1.15225	1.15225	0.735509	0.940392	-1.06339	3.94599	2.0534	0.462557	1
cg19939880	0.0408724	1.46346	1.46346	0.0943086	1.34548	1.34548	0.0297468	1.51093	1.51093	0.939872	1.01225	1.01225	3.91387	1.6136	0.366469	1
cg17479501	0.0145458	5.5376	5.5376	0.00523886	8.11905	8.11905	0.0097599	6.41319	6.41319	0.567663	1.38885	1.38885	3.91181	20.0334	4.55222	1
cg21462697	0.128285	0.824928	-1.21223	0.021142	1.38339	1.38339	0.169714	1.18676	1.18676	0.0649038	0.784532	-1.27465	3.8414	0.833747	0.192927	1
cg02277520	0.962127	0.99396	-1.00608	0.00795136	1.54368	1.54368	0.727217	1.0457	1.0457	0.267353	0.862924	-1.15885	3.82087	0.985103	0.229175	1
cg07888957	0.274469	1.36249	1.36249	0.0117591	2.35376	2.35376	0.1017	1.62806	1.62806	0.166687	0.669588	-1.49346	3.80773	4.46253	1.04175	1
cg21693422	0.00715538	0.231047	-4.32812	0.464413	0.730423	-1.36907	0.57477	0.787304	-1.27016	0.0663249	0.419441	-2.38412	3.7981	10.7059	2.50556	1
cg16094026	0.193868	1.73006	1.73006	0.00420449	4.61225	4.61225	0.797229	1.10813	1.10813	0.218305	1.67591	1.67591	3.77213	9.49967	2.23857	1
cg11140875	0.00632979	0.430185	-2.32458	0.554675	1.15234	1.15234	0.631713	0.89173	-1.12142	0.729961	1.0857	1.0857	3.7694	3.36134	0.79266	1
cg06614640	0.0234826	0.372086	-2.68755	0.0768853	0.487383	-2.05177	0.90085	1.04659	1.04659	0.0319998	0.399365	-2.50397	3.75256	7.93179	1.87885	1
cg16043373	0.0187715	1.60153	1.60153	0.0135616	1.65742	1.65742	0.385247	1.15862	1.15862	0.228839	0.811496	-1.23229	3.72431	1.61359	0.38512	1
cg24269082	0.714753	1.04063	1.04063	0.849454	0.979592	-1.02083	0.494845	0.927547	-1.07811	0.237701	0.874406	-1.14363	3.71597	0.692897	0.165746	1
cg10796650	0.197481	1.40904	1.40904	0.000755406	3.6171	3.6171	0.941742	1.01857	1.01857	0.853056	1.04778	1.04778	3.65726	3.66986	0.891952	1
cg25819341	0.99891	0.999601	-1.0004	0.100196	1.69107	1.69107	0.471281	0.807549	-1.23831	0.436927	0.793486	-1.26026	3.61232	4.86759	1.19777	1
cg04819180	0.0457151	0.357349	-2.79839	0.65522	1.22372	1.22372	0.425461	0.693774	-1.44139	0.0617431	0.388611	-2.57327	3.61013	11.5385	2.84102	1
cg00797490	0.0289976	0.376765	-2.65418	0.0264108	0.368505	-2.71367	0.795425	0.906166	-1.10355	0.256722	0.638317	-1.56662	3.6042	8.20918	2.0246	1
cg09954813	0.148355	0.578344	-1.72907	0.0240919	0.386693	-2.58603	0.897962	0.955698	-1.04636	0.0496224	0.45336	-2.20575	3.60014	7.11271	1.75616	1
cg22455720	0.454066	0.689919	-1.44945	0.0905923	2.47818	2.47818	0.0087221	5.08625	5.08625	0.0365333	3.26333	3.26333	3.56985	13.394	3.3351	1
cg12742209	0.398883	1.1594	1.1594	0.0105612	0.576484	-1.73465	0.568437	0.906001	-1.10375	0.0125516	0.587636	-1.70173	3.54334	1.64559	0.412817	1
cg06257378	0.0807237	0.535358	-1.86791	0.728976	1.11875	1.11875	0.00961139	0.347328	-2.87912	0.550964	1.21485	1.21485	3.53246	5.82212	1.46505	1
cg16755833	0.0305415	0.129562	-7.71829	0.00574012	0.054403	-18.3813	0.124932	0.263021	-3.80197	0.951898	0.952652	-1.0497	3.47304	35.5607	9.10139	1
cg25134401	0.716024	1.13877	1.13877	0.0259144	2.56145	2.56145	0.49958	1.27605	1.27605	0.202635	0.619754	-1.61354	3.46814	6.94923	1.7811	1
cg23180925	0.0681293	0.649685	-1.53921	0.114325	1.43708	1.43708	0.235401	0.769094	-1.30023	0.0216216	0.558608	-1.79016	3.43995	2.42835	0.627491	1
cg15853299	0.267941	0.675892	-1.47953	0.226578	1.53878	1.53878	0.50135	1.26069	1.26069	0.695523	0.875014	-1.14284	3.39956	6.20422	1.62223	1
cg18699524	0.0920999	0.676757	-1.47764	0.216629	1.31491	1.31491	0.984156	1.00419	1.00419	0.783911	0.94376	-1.05959	3.39431	2.38374	0.624244	1
cg00492269	0.0121212	1.30556	1.30556	0.809306	1.02083	1.02083	0.691484	0.966563	-1.03459	0.243674	0.901221	-1.10961	15.9347	1.8346	0.10234	1
cg03854913	0.953351	1.01044	1.01044	0.252812	1.23613	1.23613	0.891941	0.976165	-1.02442	0.0582943	0.684023	-1.46194	11.9402	5.95678	0.443452	1
cg00920422	0.422626	0.873297	-1.14509	0.00317349	1.94764	1.94764	0.915968	0.982694	-1.01761	0.947097	0.989084	-1.01104	8.05748	3.4914	0.385166	1
cg21338747	0.821453	1.0368	1.0368	0.000536081	2.36608	2.36608	0.657889	0.931226	-1.07385	0.0747398	0.728069	-1.3735	7.56214	3.06142	0.359853	1
cg05755899	0.616704	1.08328	1.08328	0.863671	0.973126	-1.02762	0.986193	0.997261	-1.00275	0.871373	1.02602	1.02602	7.22558	2.87553	0.353746	1
cg22785294	0.817936	0.957005	-1.04493	0.466728	1.1516	1.1516	0.363466	1.19483	1.19483	0.5116	1.13528	1.13528	6.15637	3.54168	0.511366	1
cg02384546	0.0833534	0.695339	-1.43815	0.00340466	0.470203	-2.12674	0.0255975	1.65324	1.65324	0.342809	0.830883	-1.20354	6.15075	3.50053	0.505887	1
cg21576525	0.03472	1.37978	1.37978	0.00266071	1.7219	1.7219	0.0281598	0.712477	-1.40355	0.79254	1.03507	1.03507	6.03689	1.63509	0.240756	1
cg18121066	0.919725	1.02084	1.02084	0.621691	1.10711	1.10711	0.00209358	2.42433	2.42433	0.306743	0.805364	-1.24168	5.65557	3.74847	0.589149	1
cg12640817	0.372453	1.10441	1.10441	0.0105786	1.41728	1.41728	0.322516	0.895087	-1.11721	0.0278537	0.754352	-1.32564	5.2486	0.97779	0.165596	1
cg07114009	0.260183	0.602555	-1.6596	0.149923	1.94601	1.94601	0.0107501	3.98447	3.98447	0.18871	1.82332	1.82332	3.77304	11.1171	2.61908	1
cg00773060	0.0145717	0.433476	-2.30693	0.35361	0.767081	-1.30364	0.125207	0.630602	-1.58579	0.0287331	0.488348	-2.04772	12.8848	15.7517	1.08667	1
cg02154456	0.00324652	0.403379	-2.47906	0.414508	0.828074	-1.20762	0.000878886	0.323674	-3.08952	0.0283545	0.556918	-1.7956	8.49975	6.88608	0.720134	1
cg04846962	0.472975	1.11478	1.11478	0.180438	1.23582	1.23582	0.478733	1.11316	1.11316	0.00444852	1.75929	1.75929	4.40381	1.54567	0.311986	1
cg26931960	0.393763	1.22501	1.22501	0.0474421	0.590466	-1.69358	0.302969	1.28133	1.28133	0.781133	0.937339	-1.06685	4.01048	3.42841	0.759878	1
cg01819912	0.217613	0.562338	-1.77829	0.017403	0.276631	-3.61493	0.951182	1.02755	1.02755	0.0575362	0.385481	-2.59416	3.60863	11.2576	2.77301	1
cg18084450	0.547674	0.890912	-1.12244	0.00228822	0.445056	-2.24691	0.276773	0.806735	-1.23956	0.891651	0.974457	-1.02621	3.50188	1.99902	0.507416	1
cg17969377	?	?	?	0.0114585	2.32295	2.32295	0.616176	0.87806	-1.13887	0.734121	1.09161	1.09161	27.1079	21.5865	0.796318	1
cg19081021	0.0572065	0.271736	-3.68004	0.00340594	0.0897656	-11.1401	0.0510317	0.260309	-3.8416	0.0658997	0.286606	-3.48911	4.58008	26.604	5.16323	1
cg03375453	0.828944	1.03813	1.03813	0.322392	0.837959	-1.19338	0.333513	0.841547	-1.18829	0.0447242	1.48962	1.48962	4.57795	2.16863	0.421077	1
cg25308231	0.474823	1.09341	1.09341	0.00298394	0.606204	-1.64961	0.2397	1.16331	1.16331	0.698455	0.953294	-1.04899	3.69833	0.884262	0.212531	1
cg23954629	0.0338393	0.58334	-1.71427	0.929782	1.01888	1.01888	0.0971904	0.675692	-1.47996	0.0319467	1.72825	1.72825	3.86291	2.39856	0.543305	1
cg00622204	0.0925275	0.698993	-1.43063	0.898304	0.975569	-1.02504	0.752176	0.94056	-1.0632	0.940844	1.01446	1.01446	7.01248	4.15596	0.526802	1
cg14037013	0.000267134	0.359463	-2.78192	0.17515	0.781477	-1.27963	0.00933449	0.569027	-1.75739	0.0244899	0.63239	-1.5813	7.50104	3.47384	0.411658	1
cg05285759	0.243708	0.480451	-2.08138	0.000655904	0.0433701	-23.0574	0.0155861	0.16825	-5.94353	0.0266337	0.206209	-4.84946	5.75367	32.911	5.08445	1
cg25174874	0.106905	0.686356	-1.45697	0.129282	0.704355	-1.41974	0.277654	1.27303	1.27303	0.707479	1.08394	1.08394	4.67821	3.38754	0.643654	1
cg01869342	0.0803043	0.487001	-2.05339	0.896281	0.952784	-1.04956	0.237746	1.58194	1.58194	0.0132939	0.320577	-3.11938	4.26822	9.29677	1.93612	1
cg06527100	0.214927	0.775024	-1.29208	0.995101	1.0012	1.0012	0.202829	[illegible]	[illegible]	0.00102671	0.38677	-2.58552	4.06633	2.45463	0.536576	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09560658	TBCK;TBCK;TBCK;TBCK	0.0456249	0.31804	0.669062	-1.49463	0.0180559	0.326807	-3.05991	0.354899	0.690325	-1.44859	0.533726	0.782366	-1.27817	0.008557	0.270851	-3.69206
cg16604658	TBK1	0.00061025	0.000645335	0.18137	-5.51359	0.0392037	0.459233	-2.17755	0.0293616	0.433039	-2.30926	0.08926	0.54274	-1.8425	0.000683719	0.18416	-5.43006
cg10074892	TBK1	0.0282375	0.448009	1.15573	1.15573	0.00388397	2.07062	2.07062	0.0566492	1.49755	1.49755	0.238684	0.793752	-1.25984	0.668805	1.08388	1.08388
cg19375196	TBKBP1	0.000435475	0.000869467	2.24102	2.24102	0.0558369	1.41896	1.41896	0.274019	1.20183	1.20183	0.0024421	1.97612	1.97612	0.000264661	0.379944	-2.63196
cg02886591	TBKBP1	0.00158645	0.0116882	1.70973	1.70973	0.000754972	2.38582	2.38582	0.868255	0.972136	-1.02866	0.0324503	1.53144	1.53144	0.000498411	0.395638	-2.52757
cg19784903	TBKBP1	0.00695999	0.0149745	3.96967	3.96967	?	?	?	0.707563	1.18968	1.18968	0.499624	1.37141	1.37141	0.00567027	5.32627	5.32627
cg08550205	TBKBP1	0.00794975	0.0040723	3.08658	3.08658	0.0448548	1.96017	1.96017	0.190638	1.49943	1.49943	0.0282256	2.13258	2.13258	0.00206132	3.55613	3.55613
cg08452456	TBKBP1	0.00888104	0.0170015	13.5357	13.5357	0.00515772	27.2859	27.2859	0.0660691	6.33307	6.33307	0.0937593	5.20598	5.20598	0.00697825	22.7355	22.7355
cg09771226	TBKBP1	0.0112023	0.0145317	14.5788	14.5788	0.00365567	33.0732	33.0732	0.0477127	7.50253	7.50253	0.0482224	7.4586	7.4586	0.0220113	11.5298	11.5298
cg01822573	TBKBP1	0.0149343	0.344469	0.487783	-2.05009	0.0412252	5.67506	5.67506	0.0355044	0.164546	-6.07731	?	?	?	?	?	?
cg26349395	TBKBP1	0.0297098	0.969721	1.00871	1.00871	0.0194579	1.90633	1.90633	0.239239	1.32512	1.32512	0.589922	1.13233	1.13233	0.0903625	0.652962	-1.53148
cg26981809	TBKBP1	0.0298005	0.0125659	7.98353	7.98353	0.0147402	7.45399	7.45399	0.0665694	3.96223	3.96223	0.0826715	3.61937	3.61937	0.00952307	9.00673	9.00673
cg25613170	TBKBP1	0.0381945	0.110506	4.64036	4.64036	0.426701	0.492145	-2.03192	?	?	?	0.173179	3.5761	3.5761	0.242443	2.92339	2.92339
cg12183861	TBKBP1;TBKBP1	0.0139737	0.188267	0.763786	-1.30927	0.0703644	0.676418	-1.47838	0.201688	0.770597	-1.2977	0.418724	1.17317	1.17317	0.00228021	0.43837	-2.28118
cg10024583	TBKBP1;TBKBP1	0.0446234	0.101086	0.549798	-1.81885	0.347591	0.724547	-1.38017	0.94897	0.978902	-1.02155	0.953652	0.980822	-1.01955	0.0102861	0.340488	-2.93696
cg00235887	TBL1X;TBL1X;TBL1X	0.00431825	0.272061	0.703856	-1.42074	0.0617105	1.90864	1.90864	0.530902	0.822851	-1.21529	0.156391	1.59314	1.59314	0.000812278	0.211998	-4.71702
cg16892191	TBL1X;TBL1X;TBL1X	0.0208969	0.026776	4.05061	4.05061	0.0302064	0.257431	-3.88454	0.198799	0.491303	-2.0354	0.20504	2.01312	2.01312	0.101787	2.56695	2.56695
cg02171705	TBL1X;TBL1X;TBL1X	0.0329153	0.00224665	0.429193	-2.32995	0.0397725	1.60012	1.60012	0.377043	1.19631	1.19631	0.67789	1.0861	1.0861	0.899614	0.975353	-1.02527
cg01975591	TBL1X;TBL1X;TBL1X;TBL1X	0.000465821	0.0021133	0.416728	-2.39965	0.0166815	1.80736	1.80736	0.0946225	1.45074	1.45074	0.846688	0.961556	-1.03998	0.000122048	0.257083	-3.88979
cg04414946	TBL1X;TBL1X;TBL1X;TBL1X	0.000678885	0.524668	0.793562	-1.26014	0.727893	1.13346	1.13346	0.0511438	0.450858	-2.21799	0.292116	0.67568	-1.47999	0.00188686	0.205982	-4.8548
cg23161024	TBL1X;TBL1X;TBL1X;TBL1X	0.00169118	0.426597	0.676109	-1.47905	0.00082482	11.3468	11.3468	0.00192316	8.30764	8.30764	0.00144139	9.2141	9.2141	0.0219183	0.265615	-3.76485
cg13225368	TBL1X;TBL1X;TBL1X;TBL1X	0.00302404	0.0462502	0.304789	-3.28096	0.00128772	11.4846	11.4846	0.00222119	9.2996	9.2996	0.00177002	10.1417	10.1417	0.495632	0.697683	-1.43332
cg12035596	TBL1X;TBL1X;TBL1X;TBL1X	0.00467821	0.576666	1.18316	1.18316	0.00161293	0.259672	-3.851	0.0020723	0.274414	-3.64413	0.526498	0.825822	-1.21091	0.000470172	0.194188	-5.14965
cg17471720	TBL1X;TBL1X;TBL1X;TBL1X	0.0170565	0.0353631	0.288614	-3.46483	0.00760504	0.175389	-5.70162	0.0613443	0.343318	-2.91275	0.215098	0.515927	-1.93826	0.00529221	0.155011	-6.45115
cg23647143	TBL1X;TBL1X;TBL1X;TBL1X	0.0398474	0.300164	0.588789	-1.6984	0.0044586	0.153917	-6.49702	0.0399347	0.309893	-3.22692	0.329053	0.608377	-1.64372	0.00825307	0.18888	-5.29436
cg13728104	TBL1X;TBL1X;TBL1X;TBL1X	0.0428117	0.335211	0.69726	-1.43419	0.0164779	2.89576	2.89576	0.0069491	3.55104	3.55104	0.190256	1.65423	1.65423	0.543337	0.799937	-1.2501
cg07442476	TBL1XR1	0.00105683	0.00226758	0.555968	-1.79866	0.979625	0.996496	-1.00352	0.153188	1.23399	1.23399	0.00149961	1.87576	1.87576	0.40973	0.890576	-1.12287
cg04863679	TBL1XR1	0.00195445	0.28929	0.742108	-1.34751	0.63898	1.13669	1.13669	0.580098	0.859394	-1.16361	0.00481092	2.75771	2.75771	0.000658532	0.242927	-4.11646
cg03930153	TBL1XR1	0.00206443	0.00198607	0.211756	-4.72243	0.000357573	0.130541	-7.66045	0.0124982	0.331387	-3.01762	0.00583653	0.277218	-3.60727	0.0622308	0.474219	-2.10873
cg09700984	TBL1XR1	0.00281215	0.550234	1.0762	1.0762	0.00901908	0.668088	-1.49681	0.524529	1.0815	1.0815	0.0454463	1.32148	1.32148	0.000118555	0.441192	-2.26659
cg09226275	TBL1XR1	0.00419317	0.00107014	0.223245	-4.47938	0.925869	1.02929	1.02929	0.787535	1.08742	1.08742	0.488532	1.24395	1.24395	0.00170225	0.24902	-4.01575
cg18143701	TBL1XR1	0.00443684	0.177784	0.61003	-1.63926	0.0475149	2.1865	2.1865	0.919245	1.03562	1.03562	0.304472	1.44344	1.44344	0.176979	0.6094	-1.64096
cg13048209	TBL1XR1	0.00674102	0.323641	0.795369	-1.25728	0.0941695	1.51179	1.51179	0.309012	1.26675	1.26675	0.271503	1.29317	1.29317	0.000201575	0.246424	-4.05805
cg21339170	TBL1XR1	0.00831433	0.810878	1.06017	1.06017	0.000285741	0.236045	-4.23649	0.174844	0.703487	-1.42149	0.683214	1.10517	1.10517	0.150166	1.45636	1.45636
cg08084454	TBL1XR1	0.00945891	0.197324	0.652277	-1.53309	0.190233	0.647308	-1.54486	0.0543895	0.504412	-1.98251	0.220531	1.49754	1.49754	0.000896895	0.210415	-4.75251
cg22160300	TBL1XR1	0.0125435	0.67703	0.932222	-1.07271	0.00474397	0.53343	-1.87466	0.0248851	0.639331	-1.56414	0.603612	1.09173	1.09173	0.165215	1.2815	1.2815
cg10747185	TBL1XR1	0.0225869	0.0664458	1.5424	1.5424	0.0682254	1.53706	1.53706	0.077702	0.661802	-1.51103	0.270682	0.785494	-1.27308	0.118799	1.42825	1.42825
cg23151950	TBL1XR1	0.0301178	0.0224228	0.648534	-1.54194	0.293412	0.841515	-1.18833	0.378261	1.15387	1.15387	0.224182	0.81697	-1.22404	0.0947558	0.747725	-1.33739
cg16168570	TBL1XR1	0.0357222	0.00453227	0.527347	-1.89629	0.0451795	0.677854	-1.47524	0.456015	0.879452	-1.13707	0.377008	0.857801	-1.16577	0.0505394	0.685885	-1.45797
cg27591870	TBL1XR1	0.041959	0.651109	0.940084	-1.06374	0.373258	1.13208	1.13208	0.339155	1.14307	1.14307	0.402372	1.12335	1.12335	0.914012	0.985447	-1.01477
cg09699036	TBL1XR1	0.043405	0.0601325	1.46498	1.46498	0.18546	0.776583	-1.28769	0.0898908	0.714163	-1.40024	0.00515882	0.514231	-1.94465	0.343179	1.19226	1.19226
cg13273540	TBL1XR1	0.0484114	0.0248707	0.139337	-7.17687	0.496445	1.66476	1.66476	0.842301	0.863269	-1.15839	0.382633	0.516408	-1.93645	0.0130583	0.103025	-9.70634
cg02839557	TBL1Y;TBL1Y;TBL1Y	0.00105428	0.801748	0.892956	-1.11988	0.167056	0.512092	-1.95277	0.0863202	0.420709	-2.37694	0.000279077	18.2787	18.2787	?	?	?
cg15700967	TBL1Y;TBL1Y;TBL1Y	0.0478081	0.585618	1.39215	1.39215	0.287135	1.94297	1.94297	0.373168	1.73224	1.73224	0.511172	0.669995	-1.49255	0.0645552	0.28714	-3.48262
cg07452164	TBL2	0.00200255	0.0262672	0.397915	-2.5131	0.00116927	5.2906	5.2906	0.959297	1.018	1.018	0.20007	1.60517	1.60517	0.00130201	0.194528	-5.14065
cg04669894	TBL2	0.00256504	0.00892096	0.445417	-2.24509	0.286225	1.30894	1.30894	0.423287	0.819706	-1.21995	0.0397457	1.78241	1.78241	0.000210037	0.221586	-4.51292
cg04591132	TBL2	0.00352646	0.0353629	0.674018	-1.48364	0.00547912	0.555417	-1.80045	0.17379	1.26235	1.26235	0.0337799	0.67093	-1.49047	0.00107401	0.459434	-2.17659
cg06948947	TBL2	0.00595842	0.0816398	0.538968	-1.8554	0.678915	1.14262	1.14262	0.00309341	3.65691	3.65691	0.71539	0.889327	-1.12445	0.70397	1.13006	1.13006
cg23530707	TBL2	0.00796956	0.756221	1.09105	1.09105	0.376482	1.28912	1.28912	0.0156806	0.436572	-2.29057	0.632595	0.873909	-1.14428	0.0488569	0.532888	-1.87657
cg20727536	TBL2	0.0136711	0.0140789	0.287029	-3.48397	0.35671	0.676796	-1.47755	0.00781313	0.245077	-4.08035	0.0205534	0.316938	-3.15519	0.00418519	0.205951	-4.85552
cg05499139	TBL2	0.0378182	0.041873	0.393409	-2.54189	0.534724	0.778724	-1.28415	0.356905	0.685973	-1.45778	0.570168	0.795912	-1.25642	0.000939968	0.140443	-7.1203
cg27084121	TBL3	1.77E-05	3.89E-05	7.13783	7.13783	?	?	?	0.0292147	0.718029	-1.3927	0.0212367	1.44243	1.44243	0.000399694	2.96632	2.96632
cg10071602	TBL3	3.41E-05	0.561641	0.961224	-1.04034	0.000129069	0.638669	-1.56576	0.234433	0.919438	-1.08762	0.182444	1.10005	1.10005	0.0107325	1.24117	1.24117
cg06799756	TBL3	0.000127615	0.322641	0.75405	-1.32617	0.000261387	5.25199	5.25199	0.027686	0.487124	-2.05287	0.847812	0.948296	-1.05452	0.000158882	0.16795	-5.95414
cg05157023	TBL3	0.000736205	0.51829	0.912837	-1.09549	0.658129	1.06398	1.06398	0.36425	1.13864	1.13864	0.215528	1.19905	1.19905	0.00015162	0.404444	-2.47253
cg02458384	TBL3	0.00777022	0.551548	1.16437	1.16437	0.0486879	1.76612	1.76612	0.404638	1.24037	1.24037	0.0276198	1.93079	1.93079	0.0167903	0.478448	-2.09009
cg23998987	TBL3	0.00842894	0.978774	0.995204	-1.00482	0.00396	2.01411	2.01411	0.243998	0.802326	-1.24638	0.0179263	1.68164	1.68164	0.00519269	0.513496	-1.94743
cg05369939	TBL3	0.0156395	0.589997	0.931263	-1.07381	0.547304	1.08299	1.08299	0.05098	0.747503	-1.33779	0.353843	1.13301	1.13301	0.0338224	0.722962	-1.3832
cg08998375	TBL3	0.0201163	0.314603	0.869655	-1.14988	0.0266928	1.42282	1.42282	0.640065	0.93871	-1.06529	0.0925654	1.28221	1.28221	0.327057	0.872949	-1.14554
cg09910000	TBL3	0.0296776	0.0029868	0.641431	-1.55901	0.00859948	0.693958	-1.44101	0.0660938	0.798706	-1.25202	0.19917	1.1594	1.1594	0.18799	0.858904	-1.16428
cg01462036	TBL3	0.0361577	0.0377499	0.297015	-3.36684	0.283927	0.570734	-1.75213	0.77256	0.864156	-1.1572	0.098718	0.401672	-2.48959	0.0865848	0.385324	-2.59522
cg04903829	TBL3	0.0485613	0.0179476	0.685013	-1.45983	0.181827	1.20494	1.20494	0.610659	1.06988	1.06988	0.375966	0.887343	-1.12696	0.966285	0.994455	-1.00558
cg11250247	TBP	0.000805433	0.00342419	0.65372	-1.52971	0.398994	1.09669	1.09669	7.29E-05	2.16299	2.16299	0.90115	1.01337	1.01337	0.166382	1.17086	1.17086
cg08681726	TBP	0.015305	0.132402	0.678148	-1.4746	0.11644	0.664958	-1.50385	0.613827	0.885407	-1.12942	0.215806	1.36559	1.36559	0.00164865	0.340417	-2.93758
cg24710073	TBP	0.0372517	0.0199215	0.293308	-3.40939	0.0193843	0.291103	-3.43521	0.226696	0.574612	-1.74031	0.365558	0.666435	-1.50052	0.0432967	0.362529	-2.7584
cg06819279	TBPL1	0.00114409	0.209722	0.811399	-1.23244	0.000247374	0.384148	-2.60317	0.557593	0.910501	-1.0983	0.803731	0.961398	-1.04015	0.879069	1.02436	1.02436
cg13282547	TBPL1	0.0112513	0.0405094	0.511376	-1.95551	0.21225	0.689033	-1.45131	0.0408848	0.512207	-1.95233	0.741372	0.910385	-1.09844	0.00319776	0.319516	-3.12974
cg24176037	TBPL1	0.0189438	0.0015912	0.343991	-2.90706	0.773696	1.07025	1.07025	0.135847	1.46008	1.46008	0.146481	1.44345	1.44345	0.0725987	1.60274	1.60274
cg04254487	TBPL1	0.0394338	0.0839333	0.550417	-1.81681	0.378143	1.32619	1.32619	0.259704	0.692757	-1.44351	0.128148	0.598402	-1.67112	0.00601949	0.326138	-3.06618
cg01160347	TBPL2	7.79E-06	1.83E-05	0.283243	-3.53054	0.00357289	0.565652	-1.76787	2.89E-06	0.198961	-5.02612	0.0693824	1.34079	1.34079	2.66E-05	0.301696	-3.3146
cg23573665	TBPL2	0.00197371	0.026166	2.3162	2.3162	0.00452128	3.3352	3.3352	0.230795	0.670186	-1.49212	0.211382	1.5207	1.5207	0.00155727	0.235082	-4.25384
cg16249711	TBPL2	0.00281648	0.050345	1.54795	1.54795	0.61815	0.90626	-1.10344	0.594528	1.11096	1.11096	0.878482	0.970477	-1.03042	0.018672	1.74783	1.74783
cg04380297	TBPL2	0.00564811	0.0248931	2.26325	2.26325	0.698929	0.887884	-1.12627	0.119082	0.595962	-1.67796	0.0310661	0.460978	-2.1693	0.00631565	2.9688	2.9688
cg10799791	TBPL2	0.00854644	0.137549	0.638674	-1.56574	0.033729	0.49897	-2.00413	0.0248143	0.472844	-2.11486	0.788975	0.927552	-1.07811	0.00020595	0.174995	-5.71446
cg26143452	TBPL2	0.0100964	0.0100581	4.74898	4.74898	0.0309433	3.37048	3.37048	0.477041	1.41447	1.41447	0.551809	1.33472	1.33472	0.358289	0.635683	-1.57311
cg10807643	TBPL2	0.0175405	0.00217232	4.36428	4.36428	0.00463104	3.63373	3.63373	0.48628	1.27418	1.27418	0.903353	1.04248	1.04248	0.307535	1.43589	1.43589
cg00821400	TBPL2	0.0221361	0.0268423	0.265885	-3.76103	0.00534708	0.156705	-6.38141	0.0838573	0.380457	-2.62842	0.281627	0.568218	-1.75989	0.0500646	0.323466	-3.09151
cg10257302	TBPL2	0.0388388	0.0255513	3.74998	3.74998	0.320584	0.599735	-1.6674	0.885131	0.930518	-1.07467	0.0228041	0.257346	-3.88582	0.332512	0.607732	-1.64546
cg26210445	TBR1	1.94E-07	?	?	?	0.0105564	0.516942	-1.93445	3.90E-05	5.03172	5.03172	0.318917	0.809546	-1.23526	7.16E-06	0.130848	-7.64245
cg06488443	TBR1	1.59E-05	0.363367	1.15446	1.15446	0.112453	1.30434	1.30434	0.389709	0.873257	-1.14514	0.0827981	1.34361	1.34361	0.895583	0.980013	-1.02039
cg00462525	TBR1	0.000283121	0.196863	0.797282	-1.25426	0.570456	1.09989	1.09989	0.220857	1.23825	1.23825	0.777593	1.04814	1.04814	0.560288	1.10273	1.10273
cg22743761	TBR1	0.00032827	0.569511	0.884806	-1.13019	0.347523	1.22868	1.22868	0.00110034	2.78576	2.78576	0.583321	1.12518	1.12518	0.928997	0.981204	-1.01916
cg05301866	TBR1	0.00113699	0.00656908	0.312334	-3.2017	0.0720315	0.515845	-1.93857	0.0304166	0.432276	-2.31334	0.192544	0.634665	-1.57563	0.100448	0.552549	-1.80979
cg14416523	TBR1	0.00181975	0.360892	1.39182	1.39182	0.0616428	2.09795	2.09795	0.453744	1.30818	1.30818	0.160752	1.69444	1.69444	0.718651	0.88043	-1.13581
cg06382344	TBR1	0.00192552	0.153317	0.292558	-3.41813	0.873634	1.13498	1.13498	0.211308	0.347888	-2.87449	0.803982	0.820488	-1.21879	0.841655	0.852889	-1.17249
cg26202915	TBR1	0.00198713	0.397238	0.881439	-1.13451	7.57E-05	2.84398	2.84398	0.187598	1.22545	1.22545	0.0366436	0.702227	-1.42404	0.392496	1.13602	1.13602
cg07419021	TBR1	0.0027524	0.0892671	0.365389	-2.73681	0.0601959	3.1235	3.1235	0.0299345	3.94457	3.94457	0.988431	0.99224	-1.00782	0.0394266	0.277989	-3.59727
cg15837233	TBR1	0.00349467	0.00652689	0.205471	-4.86686	0.00523057	0.192166	-5.20385	0.19674	0.542765	-1.84242	0.0698465	0.403468	-2.47851	0.0157517	0.265849	-3.76154
cg06942701	TBR1	0.00374548	0.104733	0.433183	-2.30849	0.0905501	0.414836	-2.41059	0.570286	0.762874	-1.31083	0.130763	0.463057	-2.15956	0.0529024	0.354156	-2.82362
cg02767242	TBR1	0.00432031	0.066671	2.30022	2.30022	0.304211	1.53891	1.53891	0.00802973	3.95872	3.95872	0.109226	0.492856	-2.02899	0.0568223	0.417582	-2.39474
cg21389901	TBR1	0.00486079	0.0137566	0.778534	-1.28447	0.31472	1.08921	1.08921	0.0235999	0.80077	-1.2488	0.471814	0.941614	-1.06201	0.591891	0.956493	-1.04549
cg21949512	TBR1	0.00645035	0.479853	0.728734	-1.37224	0.80762	1.11347	1.11347	0.937431	0.966001	-1.0352	0.92214	1.04401	1.04401	0.28087	0.610285	-1.63858
cg09019329	TBR1	0.00812355	0.4268	0.721561	-1.38588	0.0362731	2.66208	2.66208	0.653228	1.19948	1.19948	0.0851814	0.465128	-2.14995	0.0434861	0.393069	-2.54408
cg12520549	TBR1	0.0182285	0.0562822	2.909	2.909	0.703389	0.827807	-1.20801	0.266056	0.564116	-1.77269	0.364637	0.631166	-1.58437	0.337373	0.613485	-1.63003
cg14557487	TBR1	0.0232938	0.0449221	0.15231	-6.56555	0.0152506	0.0874887	-11.43	0.162587	0.295554	-3.38348	0.0455536	0.153393	-6.51918	0.0235897	0.109663	-9.11884
cg08314300	TBR1	0.0315814	0.305468	2.1549	2.1549	0.218818	0.392295	-2.5491	0.429804	0.558159	-1.7916	0.0695022	0.230159	-4.34482	0.434421	0.56155	-1.78078
cg19583211	TBR1	0.0330565	0.535943	1.26574	1.26574	0.250428	1.57072	1.57072	0.0543325	2.27258	2.27258	0.604121	0.821474	-1.21732	0.337939	0.689769	-1.44976
cg12974733	TBR1	0.0405233	0.369744	0.632033	-1.5822	0.00800723	5.43377	5.43377	0.69278	1.2187	1.2187	0.037032	3.34066	3.34066	0.180524	0.492492	-2.03049
cg06148480	TBR1	0.0438987	0.418651	0.796353	-1.25572	0.55487	0.848255	-1.17889	0.464315	1.22779	1.22779	0.869157	1.04647	1.04647	0.419168	0.796564	-1.25539
cg21431041	TBR1	0.0446627	0.0262478	0.333386	-2.99953	0.9438	0.971053	-1.02981	0.987863	1.00636	1.00636	0.0739127	0.436067	-2.29323	0.189522	0.560433	-1.78433
cg10395317	TBR1	0.0456523	0.470041	0.776086	-1.28852	0.661625	1.16405	1.16405	0.00344206	3.93675	3.93675	0.195879	0.623901	-1.60282	0.785425	0.910166	-1.0987
cg20054983	TBRG1;TBRG1	0.00339009	0.0015788	0.179699	-5.56487	0.0649179	0.456523	-2.19047	0.038531	0.403848	-2.47618	0.00467594	0.241101	-4.14763	0.000984073	0.156745	-6.37977
cg07823293	TBRG1;TBRG1	0.00726369	0.0319315	0.618652	-1.61642	0.0183039	0.578687	-1.72805	0.972849	0.99352	-1.00652	0.324156	1.21472	1.21472	0.0024299	0.446521	-2.23953
cg25910544	TBRG1;TBRG1	0.00870521	?	?	?	0.408687	0.780403	-1.28139	0.0299582	2.11547	2.11547	0.0597797	1.86495	1.86495	0.444005	0.795351	-1.25731
cg01663225	TBRG1;TBRG1;TBRG1	0.00207374	0.349143	1.07567	1.07567	0.102216	0.873407	-1.14494	0.28778	0.919868	-1.08711	0.332415	1.07861	1.07861	0.928132	1.00685	1.00685
cg15392893	TBRG4;SNORA5A;SNORA5C;TBRG4;TBRG4	0.000166357	0.561921	0.860745	-1.16178	7.96E-05	0.161562	-6.18956	0.0312584	0.524019	-1.90833	0.000219632	0.207036	-4.83008	1.31E-05	0.0965488	-10.3575
cg20023356	TBRG4;SNORA5A;SNORA5C;TBRG4;TBRG4	0.0331873	0.0068485	0.282753	-3.53666	0.987511	1.00566	1.00566	0.921287	1.03629	1.03629	0.805961	0.915058	-1.09283	0.771479	0.900288	-1.11076
cg01363620	TBRG4;SNORA5A;TBRG4;TBRG4	3.74E-05	0.00756008	0.52764	-1.89523	0.725603	0.936541	-1.06776	0.352558	0.836957	-1.1948	1.37E-05	0.184234	-5.42789	2.63E-05	0.212816	-4.6989
cg20629068	TBRG4;SNORA5A;TBRG4;TBRG4	0.00030265	7.21E-05	0.236789	-4.22317	0.59806	1.11185	1.11185	0.0231665	0.582164	-1.71773	0.0748878	1.48488	1.48488	3.38E-05	0.201721	-4.95734
cg18218752	TBRG4;SNORA5A;TBRG4;TBRG4	0.00539321	0.000300535	0.343358	-2.91241	0.0105053	0.556852	-1.79581	0.978077	1.00501	1.00501	0.546383	1.11738	1.11738	0.508645	0.885228	-1.12965
cg13820111	TBRG4;SNORA5A;TBRG4;TBRG4	0.00821151	0.384579	0.786202	-1.27194	0.288074	0.742603	-1.34661	0.569203	0.85622	-1.16792	0.266678	1.3665	1.3665	0.00152279	0.291823	-3.42673
cg07992143	TBRG4;SNORA5B;TBRG4;TBRG4	0.00512168	0.0124341	0.552154	-1.81109	0.0248089	0.600434	-1.66546	0.839264	1.03954	1.03954	0.310312	1.22194	1.22194	0.000135333	0.283176	-3.53137
cg27634050	TBRG4;SNORA5C;SNORA5A;TBRG4;TBRG4	0.000664203	1.98E-05	0.258036	-3.87543	0.428285	0.880981	-1.1351	0.207284	0.811897	-1.23168	0.0296795	1.49341	1.49341	0.938693	0.988019	-1.01213
cg01878214	TBRG4;SNORA5C;SNORA5A;TBRG4;TBRG4	0.000678781	4.05E-05	0.112717	-8.87181	0.00389558	0.33863	-2.95308	0.0127351	0.422148	-2.36884	0.635387	0.875395	-1.14234	0.000307622	0.195458	-5.11618
cg24799175	TBRG4;TBRG4;SNORA5A;TBRG4	2.83E-05	3.54E-05	0.274672	-3.64071	8.27E-05	0.317348	-3.15112	0.00257344	0.508336	-1.9672	0.00623018	1.78112	1.78112	8.79E-06	0.209762	-4.7673
cg17609804	TBRG4;TBRG4;TBRG4	0.000791237	0.000550985	0.0816471	-12.2478	0.000861181	0.0966236	-10.3494	0.0273183	0.295338	-3.38595	0.318579	1.61843	1.61843	0.0147728	0.246311	-4.05991
cg16953283	TBRG4;TBRG4;TBRG4	0.00466461	0.00417707	0.345564	-2.89382	0.39463	1.273	1.273	0.459453	0.811784	-1.23185	0.605619	1.15511	1.15511	0.51834	1.19876	1.19876
cg21630370	TBRG4;TBRG4;TBRG4	0.00699547	0.455513	0.828261	-1.20735	0.00089353	0.291363	-3.43215	0.0758105	0.612695	-1.63213	0.192902	1.40721	1.40721	0.00150694	0.321897	-3.10658
cg05327268	TBRG4;TBRG4;TBRG4	0.0204439	0.0220942	0.1504	-6.64892	0.0162306	0.131428	-7.6087	0.0940034	0.280553	-3.56439	0.959495	0.96555	-1.03568	0.0116334	0.113388	-8.81928
cg03142634	TBRG4;TBRG4;TBRG4	0.0219241	0.141484	1.40791	1.40791	0.394167	1.20786	1.20786	0.154276	0.718943	-1.39093	0.830497	0.954674	-1.04748	0.00791968	0.478605	-2.08941
cg16154071	TBX1	0.00109721	0.0248728	1.78318	1.78318	0.598617	0.891307	-1.12195	5.19E-05	0.194063	-5.15297	0.339593	1.23765	1.23765	0.00131743	0.363312	-2.75245
cg18982066	TBX10	2.80E-06	0.00227784	1.32342	1.32342	4.14E-06	2.01453	2.01453	0.00600902	0.789995	-1.26583	0.220649	0.918923	-1.08823	0.0854766	0.882648	-1.13295
cg06797808	TBX10	0.00123758	0.0475293	0.457509	-2.18575	0.0134616	0.347994	-2.87362	0.00116307	0.192933	-5.18315	0.00154891	0.207965	-4.8085	0.0487206	0.459941	-2.17419
cg08248461	TBX10	0.00553714	0.542581	0.892696	-1.1202	0.0961358	1.40003	1.40003	0.781139	0.950001	-1.05263	0.874503	1.02954	1.02954	0.328396	0.830459	-1.20415
cg18192917	TBX10	0.0178194	0.39858	0.819566	-1.22016	0.188534	1.37817	1.37817	0.375149	1.23314	1.23314	0.000438106	0.278312	-3.5931	0.276379	0.770536	-1.2978
cg25548825	TBX10	0.0197216	0.584496	0.934202	-1.07043	0.190294	1.18644	1.18644	0.146494	0.825223	-1.21179	0.636569	1.06042	1.06042	0.568396	0.931406	-1.07365
cg25475591	TBX10	0.0275068	0.912203	0.957011	-1.04492	0.574017	0.797491	-1.25393	0.53805	0.780058	-1.28196	0.0731828	0.451112	-2.21674	0.133104	0.524377	-1.90702
cg12368541	TBX10	0.0472144	0.258672	1.3626	1.3626	0.0122906	2.2674	2.2674	0.0696156	0.586986	-1.70362	0.324376	1.30629	1.30629	0.0329649	0.51957	-1.92467
cg26422060	TBX10;TBX10	0.00287539	0.414628	0.897812	-1.11382	0.0436612	1.34959	1.34959	0.00167756	0.55951	-1.78728	0.249737	1.16823	1.16823	0.889697	1.0181	1.0181
cg06204711	TBX15	9.82E-05	0.105427	0.436296	-2.29202	5.66E-05	0.0300033	-33.3296	0.0467431	0.343833	-2.90839	0.18175	0.514455	-1.9438	7.59E-06	0.00991859	-100.821
cg15553612	TBX15	0.000322799	0.00149011	0.384468	-2.601	0.000934416	0.356763	-2.80298	0.000285505	0.290465	-3.44276	0.0788665	0.665507	-1.50261	0.00344741	0.436562	-2.29062
cg02862748	TBX15	0.000724892	0.566668	0.904129	-1.10604	0.0235569	0.624645	-1.60091	0.000274156	0.354454	-2.82124	0.0239728	0.625841	-1.59785	0.212745	0.795834	-1.25654
cg23371746	TBX15	0.00140916	0.00370479	0.124432	-8.0365	0.000386017	0.0493227	-20.2746	0.598244	0.753838	-1.32654	0.194553	0.482261	-2.07357	0.00179199	0.0943029	-10.6041
cg21392341	TBX15	0.0023395	0.453302	1.63457	1.63457	0.423864	1.69109	1.69109	0.0449347	0.227574	-4.39417	0.0356072	4.82249	4.82249	0.230331	2.24666	2.24666
cg03942051	TBX15	0.00262119	0.00248839	0.209241	-4.77918	0.0526413	0.440505	-2.27012	0.0686985	0.468494	-2.1345	0.00408381	0.238329	-4.19589	0.00173903	0.189812	-5.26837
cg04550737	TBX15	0.00344502	0.308061	0.58994	-1.69509	0.568209	0.751228	-1.33115	0.743535	0.850111	-1.17632	0.307324	0.58942	-1.69658	0.552972	1.34681	1.34681
cg07820868	TBX15	0.00403822	0.232009	1.90015	1.90015	0.230744	0.52527	-1.90378	0.00660398	6.08592	6.08592	0.172432	0.47535	-2.10371	0.0281181	0.264992	-3.7737
cg16990168	TBX15	0.00573735	0.129246	2.47789	2.47789	0.0278967	0.237346	-4.21325	0.0276667	4.22534	4.22534	0.739671	0.831442	-1.20273	0.0295048	0.241994	-4.13234

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09560658	0.22273	1.64695	1.64695	0.127855	0.526756	-1.89841	0.132461	1.88171	1.88171	0.141813	0.5406	-1.8498	3.50735	8.42278	2.13464	1
cg16604658	0.00492385	0.296747	-3.36987	0.000194444	0.129417	-7.72699	0.000127543	0.113768	-8.78986	0.00498816	0.297606	-3.36014	13.5198	22.7747	1.49737	1
cg10074892	0.0338522	0.628942	-1.58997	0.0875105	0.702533	-1.42342	0.605979	1.10229	1.10229	0.896913	1.02456	1.02456	4.17533	2.31673	0.49321	1
cg19375196	0.419973	1.14235	1.14235	0.0509903	0.698351	-1.43194	0.000523234	2.39479	2.39479	0.445722	1.13377	1.13377	14.8478	6.13466	0.367262	1
cg02886591	0.530644	1.11418	1.11418	0.159956	0.774468	-1.29121	0.0319929	1.53375	1.53375	0.933781	0.985954	-1.01425	10.3117	4.73226	0.40793	1
cg19784903	0.0146017	3.9993	3.9993	0.000999206	9.50987	9.50987	0.0157924	3.90799	3.90799	0.0175402	3.78946	3.78946	6.76478	20.2303	2.99054	1
cg08550205	0.0271699	2.1475	2.1475	0.00145005	3.83823	3.83823	0.0489172	1.92957	1.92957	0.0271005	2.1485	2.1485	6.35674	8.60211	1.20287	1
cg08452456	0.0622966	6.54392	6.54392	0.00118432	70.5978	70.5978	0.0101786	18.1923	18.1923	0.0263759	10.5627	10.5627	6.13822	77.9072	11.2819	1
cg09771226	0.0318119	9.38951	9.38951	0.00406939	30.9488	30.9488	0.00917699	19.0049	19.0049	0.0139799	14.9044	14.9044	5.69894	71.505	11.1529	1
cg01822573	0.392811	1.90668	1.90668	0.340492	2.06305	2.06305	?	?	?	0.00423406	0.0594466	-16.8218	5.57106	31.9696	7.65134	1
cg26349395	0.562239	1.1432	1.1432	0.00141616	2.87212	2.87212	0.6013	1.12797	1.12797	0.338	1.25307	1.25307	4.10096	3.38834	0.734429	1
cg26981809	0.0659736	3.9771	3.9771	0.0178478	6.86987	6.86987	0.0426668	4.76729	4.76729	0.0539132	4.3256	4.3256	4.09652	29.0613	6.3059	1
cg25613170	0.369854	2.23714	2.23714	0.15174	3.86387	3.86387	0.225933	0.327704	-3.05154	0.00490091	0.0334054	-29.9353	4.15556	43.4273	9.14411	1
cg12183861	0.0518775	0.652085	-1.53354	0.0124386	0.548146	-1.82433	0.0342786	1.61179	1.61179	0.789677	0.94964	-1.05303	5.30316	3.1378	0.525941	1
cg10024583	0.693945	0.876549	-1.14084	0.142351	0.591295	-1.6912	0.00246341	0.245881	-4.067	0.12662	0.576649	-1.73416	3.53663	6.21728	1.56264	1
cg00235887	0.550509	1.20386	1.20386	0.00641961	0.336529	-2.97151	0.0116475	0.379649	-2.63401	0.0107848	0.373869	-2.67473	7.67299	11.4662	1.32832	1
cg16892191	0.0606551	3.0602	3.0602	?	?	?	?	?	?	0.04646	0.298449	-3.35065	5.34669	17.3643	3.24768	1
cg02171705	0.169541	1.33558	1.33558	0.489165	0.870283	-1.14905	0.922817	0.981019	-1.01935	0.132571	0.725474	-1.37841	3.9537	2.44853	0.55049	1
cg01975591	0.0367173	1.63478	1.63478	0.00727436	0.496024	-2.01603	0.0961137	0.690677	-1.44785	0.000807113	0.359243	-2.78363	14.5737	9.46727	0.577433	1
cg04414946	0.125101	1.81381	1.81381	0.000641208	0.152684	-6.54949	3.73E-05	0.0582844	-17.1572	0.498713	1.27931	1.27931	13.123	26.7366	1.811	1
cg23161024	0.0283373	0.287077	-3.48339	0.621732	1.27098	1.27098	0.45588	1.44219	1.44219	0.959332	0.975714	-1.02489	10.123	37.2709	3.27271	1
cg13225368	0.110449	0.404511	-2.47212	0.287362	1.77676	1.77676	0.682241	1.23885	1.23885	0.743893	0.843179	-1.18599	8.53789	36.609	3.8114	1
cg12035596	0.62252	0.862459	-1.15948	0.972893	1.01018	1.01018	0.781871	0.920563	-1.08629	0.321364	0.736741	-1.35733	7.48885	10.5473	1.25191	1
cg17471720	0.0791349	0.3721	-2.68745	0.00405824	0.141327	-7.07577	0.78341	1.14998	1.14998	0.0363674	0.291176	-3.43435	4.96397	20.221	3.62094	1
cg23647143	0.322459	0.603972	-1.6557	0.406803	0.657933	-1.51991	0.256185	0.557257	-1.7945	0.0169008	0.237482	-4.21084	3.68832	14.2175	3.42644	1
cg13728104	0.0744803	0.486241	-2.05659	0.903472	1.04501	1.04501	0.343595	1.42478	1.42478	0.7686	1.11299	1.11299	3.59171	7.48956	1.85354	1
cg07442476	0.84884	1.02658	1.02658	0.000495221	2.11594	2.11594	0.00243558	1.78593	1.78593	0.114127	0.78959	-1.26648	11.5834	3.46627	0.265996	1
cg04863679	0.00646854	2.61172	2.61172	0.0116821	2.35006	2.35006	0.0124609	2.32363	2.32363	0.358776	0.774238	-1.29159	9.7068	11.3037	1.03512	1
cg03930153	0.187691	0.608812	-1.64254	0.000979415	0.175087	-5.71146	0.017659	0.358493	-2.78945	0.002725	0.229714	-4.35323	9.55318	19.1139	1.77848	1
cg09700984	0.109884	1.23581	1.23581	0.966131	0.994855	-1.00517	0.22945	1.16557	1.16557	0.955044	1.00687	1.00687	8.72379	2.03945	0.207804	1
cg09226275	0.0895785	0.559549	-1.78715	0.034714	0.465933	-2.14623	0.0961535	1.76262	1.76262	0.00523881	0.319019	-3.1346	7.74151	11.7998	1.35486	1
cg18143701	0.597418	1.20194	1.20194	0.597649	0.832086	-1.2018	8.41E-05	11.4834	11.4834	0.865013	0.942969	-1.06048	7.61028	14.3565	1.67686	1
cg13048209	0.276574	1.2894	1.2894	0.208047	1.34732	1.34732	0.217261	1.3385	1.3385	0.502166	0.858157	-1.16529	6.69324	5.3471	0.710116	1
cg21339170	0.747409	1.08194	1.08194	0.034643	1.82266	1.82266	0.473075	1.19465	1.19465	0.286247	1.30984	1.30984	6.26757	5.89621	0.836221	1
cg08084454	0.0442493	2.06376	2.06376	0.898249	0.960684	-1.04092	0.015675	0.395073	-2.53118	0.0754261	0.537647	-1.85996	6.0165	9.36649	1.38382	1
cg22160300	0.00299147	1.97839	1.97839	0.309878	1.19252	1.19252	0.743105	1.05665	1.05665	0.624245	1.08624	1.08624	5.49383	2.44278	0.395236	1
cg10747185	0.0117394	1.94007	1.94007	0.010088	1.98074	1.98074	0.299004	0.797223	-1.25435	0.466732	1.16873	1.16873	4.51293	3.16794	0.623973	1
cg23151950	0.163639	1.26535	1.26535	0.0435953	1.44387	1.44387	0.0493694	1.42632	1.42632	0.0682043	0.723759	-1.38168	4.08115	1.6201	0.352865	1
cg16168570	0.283579	0.8282	-1.20744	0.212319	1.24892	1.24892	0.500403	0.890714	-1.12269	0.011003	0.582904	-1.71555	3.83861	1.74048	0.403034	1
cg27591870	0.0333162	1.40157	1.40157	0.0154588	0.668164	-1.49664	0.0150567	0.666638	-1.50006	0.371412	1.13265	1.13265	3.61863	1.05568	0.25932	1
cg09699036	0.484187	0.879831	-1.13658	0.953045	1.01066	1.01066	0.416283	1.16138	1.16138	0.209812	1.26872	1.26872	3.57336	1.83524	0.456524	1
cg13273540	0.117607	0.285231	-3.50593	0.0160897	0.113714	-8.79396	0.570784	1.52633	1.52633	0.0524834	0.196417	-5.09121	3.42988	29.5951	7.66988	1
cg02839557	0.0116646	0.229962	-4.34854	0.00577185	0.182617	-5.47593	0.490247	0.72904	-1.37167	0.00179993	8.30708	8.30708	14.3921	40.1424	2.44055	1
cg15700967	0.104577	2.90419	2.90419	0.0151736	0.166527	-6.00502	0.765253	0.835307	-1.19716	0.0187474	0.180555	-5.53848	3.44618	19.7121	5.08442	1
cg07452164	0.598799	0.830597	-1.20395	0.00206869	0.21949	-4.55602	0.186383	1.63189	1.63189	0.538971	0.804557	-1.24292	9.63833	18.6574	1.72067	1
cg04669894	0.0556863	0.590341	-1.69394	0.0139728	0.478102	-2.0916	0.0217888	0.512071	-1.95286	0.031428	0.541454	-1.84688	8.96399	8.38918	0.83189	1
cg04591132	0.00245045	0.507343	-1.97105	0.00174418	0.487437	-2.05155	0.295847	0.839854	-1.19068	0.309329	0.84418	-1.18458	8.1554	3.34812	0.364925	1
cg06948947	0.000366416	0.160726	-6.22177	0.65349	0.865254	-1.15573	0.546585	0.822493	-1.21582	0.793985	1.08744	1.08744	6.95407	11.2986	1.44422	1
cg23530707	0.0629798	0.556939	-1.79553	0.000773865	0.240779	-4.15318	0.617286	1.15139	1.15139	0.00364717	0.332738	-3.00537	6.35176	7.87696	1.10233	1
cg20727536	0.267068	0.621155	-1.60991	0.00287069	0.1847	-5.41419	0.536667	0.772857	-1.2939	0.0469723	0.392023	-2.55087	5.34142	14.3478	2.38767	1
cg05499139	0.626723	1.21527	1.21527	0.903167	0.952737	-1.04961	0.949425	1.02555	1.02555	0.0931731	0.479659	-2.08481	3.75972	9.42239	2.22768	1
cg27084121	8.00E-05	5.1444	5.1444	0.00319089	0.532447	-1.87812	2.20E-06	0.0175108	-57.1075	0.141471	1.19974	1.19974	374.433	51.5337	0.0688155	1
cg10071602	0.0771964	0.875984	-1.14157	2.41E-06	2.16365	2.16365	0.00121586	0.7268	-1.37589	0.0147393	1.22417	1.22417	29.4459	2.11789	0.0639332	1
cg06799756	0.024045	0.475373	-2.10361	2.69E-05	0.101205	-9.88095	0.892774	1.03797	1.03797	0.00290155	0.322663	-3.0992	20.7396	25.0787	1.07486	1
cg05157023	0.0870921	0.76867	-1.30095	0.101395	1.28373	1.28373	0.299455	0.860924	-1.16154	6.61E-05	0.36093	-2.77062	12.8282	3.93987	0.273	1
cg02458384	0.986851	0.995846	-1.00417	0.00152478	0.315739	-3.16717	0.0261001	0.513308	-1.94815	0.426232	0.814453	-1.22782	6.40253	6.47101	0.898396	1
cg23998987	0.0175859	1.68534	1.68534	0.995777	0.999044	-1.00096	0.370711	1.18067	1.18067	0.11776	1.35925	1.35925	6.24055	3.22667	0.459599	1
cg05369939	0.271188	1.16179	1.16179	0.0491805	1.3417	1.3417	0.759293	0.960565	-1.04105	0.00142746	0.546663	-1.82928	5.10953	1.38685	0.241266	1
cg08998375	0.41529	1.11832	1.11832	0.00182417	0.55159	-1.81294	0.127105	1.24806	1.24806	0.839361	1.02763	1.02763	4.6953	1.34122	0.253912	1
cg09910000	0.970474	0.995973	-1.00404	0.799573	1.02813	1.02813	0.79383	1.02897	1.02897	0.740963	0.964479	-1.03683	4.10253	0.772267	0.167326	1
cg01462036	0.0233428	0.255312	-3.91678	0.00189051	0.108763	-9.19432	0.0900087	0.390079	-2.56358	0.0813222	0.377773	-2.64709	3.82176	15.3629	3.57319	1
cg04903829	0.886375	0.981368	-1.01899	0.00579787	1.60869	1.60869	0.236613	0.849487	-1.17718	0.779836	0.963808	-1.03755	3.42587	0.938907	0.243612	1
cg11250247	0.836061	1.0224	1.0224	0.00148586	0.612693	-1.63214	0.336223	0.899432	-1.11181	0.140745	1.18455	1.18455	12.5082	2.26354	0.160857	1
cg08681726	0.00558947	0.418796	-2.3878	0.677632	1.10516	1.10516	0.556615	1.15283	1.15283	0.0397814	0.566337	-1.76573	5.1463	4.66308	0.805425	1
cg24710073	0.177154	0.534649	-1.87039	0.00359731	0.178928	-5.58885	0.0334899	0.338115	-2.95757	0.125906	0.485354	-2.06035	3.7805	11.4088	2.68248	1
cg06819279	0.00180189	2.01738	2.01738	0.00409869	1.83833	1.83833	0.352327	0.85958	-1.16336	0.00673674	1.74265	1.74265	11.3248	4.4828	0.351856	1
cg13282547	0.635422	0.873375	-1.14498	0.00185722	0.285911	-3.49759	0.505682	1.211	1.211	0.00710258	0.373103	-2.68023	5.69092	7.24301	1.13132	1
cg24176037	0.10128	1.52583	1.52583	0.706299	0.91471	-1.09324	0.0919415	0.646042	-1.54789	0.841762	1.0482	1.0482	4.79185	4.20854	0.780685	1
cg04254487	0.691253	1.13273	1.13273	0.149739	0.617447	-1.61957	0.0719849	1.87207	1.87207	0.0651934	0.52397	-1.90851	3.70251	5.71575	1.37222	1
cg01160347	0.0411398	0.711668	-1.40515	7.89E-06	0.243445	-4.10771	0.000557673	0.461654	-2.16613	9.64E-06	0.252681	-3.95756	43.2782	14.2847	0.293392	1
cg23573665	0.444859	1.2814	1.2814	0.000398659	6.01384	6.01384	0.463877	1.26788	1.26788	0.280939	1.42872	1.42872	9.67914	15.5369	1.42684	1
cg16249711	0.00752844	1.96129	1.96129	0.000170601	0.286035	-3.49607	0.815767	1.04677	1.04677	0.516018	1.13768	1.13768	8.71981	5.29802	0.540075	1
cg04380297	0.338555	0.739456	-1.35234	0.00084956	4.63767	4.63767	0.736184	1.109	1.109	0.3056	1.38344	1.38344	7.06959	10.4819	1.31794	1
cg10799791	0.138634	0.639581	-1.56352	0.148044	0.647236	-1.54503	0.0629806	0.55632	-1.79753	0.0147474	0.431118	-2.31955	6.21331	7.73463	1.10653	1
cg26143452	0.106417	2.32926	2.32926	0.000667757	12.1497	12.1497	0.008472	5.01246	5.01246	0.108678	2.31443	2.31443	5.89251	21.4662	3.2382	1
cg10807643	0.222274	1.55167	1.55167	0.0181034	2.67286	2.67286	0.00896982	3.12142	3.12142	0.413787	1.3313	1.3313	4.91765	9.1368	1.65152	1
cg00821400	0.0450524	0.312939	-3.19551	0.00485249	0.151554	-6.59833	0.0114432	0.202188	-4.9459	0.0864004	0.384073	-2.60367	4.54431	18.3663	3.59253	1
cg10257302	0.270626	0.564737	-1.77073	0.010573	4.96314	4.96314	0.924067	0.953618	-1.04864	0.720759	1.19579	1.19579	3.72324	14.6344	3.49382	1
cg26210445	0.165927	0.738563	-1.35398	0.000139541	0.25938	-3.85534	8.42E-09	128.595	128.595	0.256611	1.27491	1.27491	114.25	67.6692	0.592291	1
cg06488443	0.808204	0.963298	-1.0381	0.0114119	0.614575	-1.62714	1.45E-07	12.6019	12.6019	0.216689	1.22124	1.22124	35.9846	13.4732	0.332813	1
cg00462525	0.384629	1.15952	1.15952	0.0738769	0.718355	-1.39207	2.82E-06	6.44311	6.44311	0.538772	1.10886	1.10886	16.7128	7.29735	0.388119	1
cg22743761	0.60066	1.11902	1.11902	0.47092	0.855428	-1.16901	4.43E-06	9.48855	9.48855	0.371645	1.21568	1.21568	16.0492	11.5222	0.638159	1
cg05301866	0.101278	0.553496	-1.8067	0.00162616	0.22571	-4.43046	0.000215177	7.66244	7.66244	0.0218646	0.403771	-2.47665	11.3449	19.5256	1.52985	1
cg14416523	0.764475	1.11156	1.11156	0.511445	0.791033	-1.26417	1.94E-05	21.1555	21.1555	0.0579268	2.12668	2.12668	9.91037	19.4474	1.74429	1
cg06382344	0.803845	0.820372	-1.21896	0.0796174	4.82017	4.82017	3.79E-05	1136.13	1136.13	0.0399837	6.90209	6.90209	11.6381	114.151	7.62874	1
cg26202915	0.906901	1.01718	1.01718	0.426129	0.888423	-1.12559	0.0487113	1.38784	1.38784	0.00464638	1.72996	1.72996	9.66006	3.24267	0.298381	1
cg07419021	0.124185	2.44612	2.44612	0.00125642	0.0796007	-12.5627	0.00131888	12.3156	12.3156	0.917488	0.945843	-1.05726	8.77939	40.1409	4.06416	1
cg15837233	0.00370484	0.172771	-5.78801	0.000229189	0.0645561	-15.4904	0.970859	1.01649	1.01649	0.0298834	0.318525	-3.13948	8.17754	25.9629	2.82214	1
cg06942701	0.121593	0.453004	-2.20749	0.000718887	0.0881514	-11.3441	0.00144572	8.77658	8.77658	0.059727	0.366979	-2.72495	8.00937	28.2388	3.13397	1
cg02767242	0.0709361	2.26449	2.26449	0.0747806	0.44753	-2.23449	0.000501139	9.06947	9.06947	0.602067	1.23754	1.23754	7.67188	19.9411	2.31044	1
cg21389901	0.266359	1.09987	1.09987	0.007062	0.751126	-1.33133	0.0110145	1.29971	1.29971	0.0045372	1.36451	1.36451	7.40207	0.792049	0.0951144	1
cg21949512	0.863817	0.927154	-1.07857	0.952606	1.02653	1.02653	7.66E-05	23.5113	23.5113	0.930904	0.962512	-1.03895	6.78549	20.8609	2.73274	1
cg09019329	0.621226	0.818471	-1.22179	0.00120846	0.148627	-6.72827	0.0205508	3.07154	3.07154	0.0675765	0.438846	-2.2787	6.31361	16.1744	2.27718	1
cg12520549	0.0717956	0.370473	-2.69925	0.0324496	0.290287	-3.44487	0.00251821	7.94333	7.94333	0.246436	0.54949	-1.81987	4.85448	18.7624	3.43553	1
cg14557487	0.0557632	0.16998	-5.88305	0.00298673	0.0357815	-27.9474	0.314649	0.427337	-2.34008	0.0112458	0.0745264	-13.4181	4.46526	47.2782	9.41155	1
cg08314300	0.334536	0.486706	-2.05463	0.00117386	0.0318872	-31.3606	0.308337	0.466317	-2.14446	0.0218893	0.136697	-7.31543	4.01273	33.2691	7.36969	1
cg19583211	0.0334082	2.54605	2.54605	0.119962	0.530346	-1.88556	0.00320503	4.53852	4.53852	0.95239	1.0227	1.0227	3.94763	8.83763	1.98997	1
cg12974733	0.93203	1.04341	1.04341	0.4781	0.698215	-1.43222	0.01412	4.52079	4.52079	0.539605	1.36251	1.36251	3.66553	14.4029	3.49268	1
cg06148480	0.229545	0.706524	-1.41538	0.0183225	0.454377	-2.20081	0.00405206	2.89614	2.89614	0.679076	1.12146	1.12146	3.55832	4.27877	1.06886	1
cg21431041	0.18787	0.559076	-1.78866	0.00256081	0.175019	-5.71368	0.560878	1.27763	1.27763	0.0865556	0.454388	-2.20076	3.53547	9.72077	2.444	1
cg10395317	0.687532	1.14965	1.14965	0.0622368	0.48481	-2.06267	0.0889935	1.90975	1.90975	0.434428	1.31665	1.31665	3.50656	6.60703	1.67484	1
cg20054983	0.00277725	0.210056	-4.76064	0.00299112	0.214293	-4.66652	0.44398	0.744365	-1.34343	0.018421	0.339026	-2.94963	8.25216	18.7027	2.01458	1
cg07823293	0.00681262	0.511874	-1.9536	0.00153273	0.418526	-2.38934	0.854274	0.965488	-1.03575	0.34331	0.829867	-1.20501	6.53919	3.77922	0.513719	1
cg25910544	0.000903713	0.232947	-4.29282	0.231464	1.44522	1.44522	0.410206	0.781058	-1.28031	0.0960703	1.70958	1.70958	6.30276	7.63889	1.21199	1
cg01663225	0.0150112	0.797509	-1.2539	5.74E-05	0.568466	-1.75912	0.00525459	0.756873	-1.32123	0.790075	1.0204	1.0204	9.54065	0.865428	0.0806307	1
cg15392893	0.0117209	0.446987	-2.2372	0.669985	0.896172	-1.11586	0.937138	1.02038	1.02038	0.00164632	0.315908	-3.16548	19.3101	19.9981	0.920561	1
cg20023356	0.00901334	0.301933	-3.31199	0.0723317	0.485133	-2.06129	0.191317	0.60714	-1.64707	0.00799059	0.293408	-3.40823	3.94203	8.12214	1.83147	1
cg01363620	7.76E-06	0.161204	-6.20331	0.000152608	0.298698	-3.34787	0.387031	0.84792	-1.17936	0.00110813	0.408903	-2.44557	28.7374	15.755	0.487324	1
cg20629068	0.800216	0.95072	-1.05183	0.53951	1.13178	1.13178	0.040795	0.62463	-1.60095	0.00327398	0.44988	-2.22282	16.4106	10.3221	0.559104	1
cg18218752	0.0408716	0.651072	-1.53593	0.0621876	1.46482	1.46482	0.259593	1.23841	1.23841	0.116292	0.733221	-1.36385	7.17057	3.75422	0.465386	1
cg13820111	0.000679619	0.246322	-4.05973	0.476119	1.21592	1.21592	0.47211	1.21816	1.21816	0.150471	0.659781	-1.51566	6.29222	7.25512	1.02492	1
cg07992143	0.480149	1.14687	1.14687	0.26823	0.802374	-1.2463	0.347147	0.831245	-1.20301	0.223419	0.783304	-1.27664	7.28489	4.2059	0.513196	1
cg27634050	0.00185962	0.500601	-1.9976	0.102274	1.32339	1.32339	0.108823	0.760302	-1.31527	0.176556	0.798422	-1.25247	13.2036	5.13453	0.345666	1
cg01878214	0.0590485	0.55215	-1.8111	0.001856	0.292082	-3.4237	0.0202177	0.458285	-2.18205	0.00967852	0.401699	-2.48942	13.1236	16.1345	1.09282	1
cg24799175	0.000161359	0.352417	-2.83755	0.76719	1.04924	1.04924	0.00899727	0.584089	-1.71207	0.000194446	0.362405	-2.75935	30.942	12.8437	0.368968	1
cg17609804	0.0219523	0.276997	-3.61015	0.000122531	0.0436823	-22.8926	0.788995	0.882252	-1.13346	0.00190592	0.128222	-7.79895	12.571	43.4312	3.071	1
cg16953283	0.780398	0.925542	-1.08045	0.000871091	0.2509	-3.98564	0.126682	1.57992	1.57992	0.00600335	2.7021	2.7021	7.49548	9.09841	1.07898	1
cg21630370	0.563944	1.15559	1.15559	0.0202459	0.499553	-2.00179	0.903195	1.03062	1.03062	0.612311	0.881005	-1.13507	6.61645	6.44005	0.86519	1
cg05327268	0.137676	0.33171	-3.01469	0.00218841	0.0515207	-19.4097	0.616302	1.41728	1.41728	0.276219	0.457579	-2.18541	4.66957	35.2372	6.70768	1
cg03142634	0.595698	0.890589	-1.12285	0.00342405	0.422964	-2.36427	0.251641	1.29582	1.29582	0.0962652	0.673558	-1.48465	4.55934	3.38084	0.659128	1
cg16154071	0.157983	0.721086	-1.3868	0.269163	1.28311	1.28311	0.962861	0.989964	-1.01014	0.510055	1.15575	1.15575	11.4605	8.51742	0.660617	1
cg18982066	0.00749535	1.2536	1.2536	5.83E-07	0.404544	-2.47192	1.91E-05	0.565307	-1.76895	0.0412683	1.16718	1.16718	56.3659	3.84912	0.0607006	1
cg06797808	0.832643	0.929596	-1.07574	4.82E-05	0.0714387	-13.998	0.0978276	0.534409	-1.87123	0.0299499	0.414335	-2.41351	11.0738	20.8756	1.67567	1
cg08248461	0.0882412	1.41399	1.41399	0.000355599	0.347905	-2.87434	0.00396689	0.489966	-2.04096	0.474962	1.14316	1.14316	7.11284	3.82049	0.477445	1
cg18192917	0.134417	0.689625	-1.45006	0.317575	1.26853	1.26853	0.636547	0.896204	-1.11582	0.739388	0.926017	-1.07989	4.89168	4.10655	0.74622	1
cg25548825	0.134694	1.21991	1.21991	0.000892514	1.8464	1.8464	0.391137	0.89736	-1.11438	0.0413616	1.33643	1.33643	4.72701	1.13734	0.213871	1
cg25475591	0.406181	0.712809	-1.4029	0.000549754	0.11792	-8.48034	0.0842655	0.467238	-2.14024	0.60428	1.23157	1.23157	4.21406	10.5928	2.23439	1
cg12368541	0.486005	1.20423	1.20423	0.132901	1.5306	1.5306	0.281206	1.34183	1.34183	0.331697	1.30073	1.30073	3.46247	3.77956	0.970292	1
cg26422060	0.0459804	1.34399	1.34399	0.0033966	0.59763	-1.67328	0.00189704	0.566133	-1.76637	0.478287	1.09767	1.09767	8.66652	2.29357	0.235242	1
cg06204711	0.322815	1.61422	1.61422	0.0197896	0.267279	-3.74141	0.00164058	8.28227	8.28227	0.0725922	0.390914	-2.55811	22.2493	77.4718	3.0951	1
cg15553612	9.69E-05	0.235407	-4.24796	0.198439	0.753066	-1.32791	0.667126	0.913665	-1.09449	9.07E-05	0.232207	-4.3065	16.1233	11.1193	0.613011	1
cg02862748	0.0933821	0.725321	-1.3787	0.000319009	0.362752	-2.7567	0.0454295	0.670795	-1.49077	5.81E-05	0.273488	-3.65647	12.8841	6.17901	0.426297	1
cg23371746	0.0269598	0.248549	-4.02334	0.000469912	0.0538827	-18.5588	0.29741	1.77548	1.77548	0.00625023	0.150514	-6.64391	10.6695	47.7225	3.97581	1
cg21392341	0.509737	1.53747	1.53747	0.0291151	0.191281	-5.22792	7.35E-05	103.214	103.214	0.158453	2.63714	2.63714	9.20988	60.347	5.82438	1
cg03942051	0.0611816	0.456087	-2.19256	0.000357584	0.118634	-8.42931	0.853105	0.93335	-1.07141	0.00446035	0.243791	-4.10187	8.90694	19.5347	1.94951	1
cg04550737	0.397755	0.649605	-1.5394	?	?	?	0.000112729	67.5973	67.5973	0.0516126	3.15351	3.15351	12.1432	39.7328	2.45401	1
cg07820868	0.301838	0.578218	-1.72945	0.0236089	3.99147	3.99147	0.00068795	14.2147	14.2147	0.270315	0.555547	-1.80003	7.83001	32.5232	3.69215	1
cg16990168	0.0188875	0.207205	-4.82615	0.139582	0.414772	-2.41096	0.00172609	11.8807	11.8807	0.66762	0.78731	-1.27015	7.03557	34.1432	4.31372	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26272623	TBX15	0.0059504	0.610228	0.814119	-1.22832	0.00203042	0.175415	-5.70075	0.706455	0.859546	-1.1634	0.0576127	0.423644	-2.36047	0.209543	0.589165	-1.69732
cg26164798	TBX15	0.00633975	0.00966388	0.253127	-3.95059	0.00134112	0.141514	-7.06642	0.0440973	0.378902	-2.6392	0.231471	0.59062	-1.69314	0.00450258	0.204203	-4.8971
cg00805294	TBX15	0.00638459	0.993337	1.00197	1.00197	0.0302122	1.82113	1.82113	0.033757	0.558117	-1.79174	0.00151992	0.34162	-2.92723	0.106984	0.661049	-1.51275
cg24720355	TBX15	0.00811872	0.316835	0.543207	-1.84092	0.922625	1.05897	1.05897	0.269779	1.96938	1.96938	0.320449	0.545844	-1.83203	0.110658	0.358752	-2.78744
cg27262412	TBX15	0.00879795	0.764397	0.855223	-1.16929	0.116396	2.42959	2.42959	0.0399315	3.4404	3.4404	0.0303368	3.76075	3.76075	0.472253	0.68357	-1.46291
cg09789768	TBX15	0.00915014	0.00522695	0.150583	-6.64086	0.019888	0.235886	-4.23934	0.0719477	0.356217	-2.80728	0.293638	0.571341	-1.75027	0.00548301	0.153118	-6.5309
cg24475782	TBX15	0.0151006	0.507842	1.46879	1.46879	0.773353	0.847691	-1.17968	0.887919	0.922473	-1.08404	0.179932	2.25909	2.25909	0.672583	1.27538	1.27538
cg00173504	TBX15	0.0154076	0.510981	0.776077	-1.28853	0.788544	1.10762	1.10762	0.817836	1.09169	1.09169	0.667228	0.848344	-1.17877	0.60191	0.81863	-1.22155
cg14415885	TBX15	0.0169695	0.00142019	0.403795	-2.47651	0.731085	0.934484	-1.07011	0.0437968	1.57641	1.57641	0.176646	1.32592	1.32592	0.324094	0.818712	-1.22143
cg21295088	TBX15	0.0175471	0.34203	0.67381	-1.4841	0.803824	1.10558	1.10558	0.0332702	2.72769	2.72769	0.981901	1.00919	1.00919	0.109251	2.02237	2.02237
cg17868079	TBX15	0.0215929	0.895627	1.04259	1.04259	0.253832	0.684784	-1.46032	0.0559258	0.502524	-1.98995	0.0892792	1.81375	1.81375	0.78461	0.916626	-1.09096
cg00466334	TBX15	0.0276054	0.248636	0.533478	-1.87449	0.0332108	0.273337	-3.65848	0.287537	0.562504	-1.77776	0.291089	0.565064	-1.76971	0.0315839	0.268914	-3.71866
cg10887810	TBX15	0.0325982	0.0513696	0.285877	-3.49801	0.0583111	0.298868	-3.34595	0.0269182	0.227804	-4.38973	0.084167	0.340081	-2.94048	0.0422288	0.266902	-3.7467
cg02362103	TBX15	0.033365	0.815783	1.17882	1.17882	0.00890112	0.095716	-10.4476	0.851482	0.876229	-1.14125	0.340517	0.500353	-1.99859	0.0480172	0.203252	-4.92001
cg25367912	TBX15	0.0334462	0.192446	0.541072	-1.84818	0.0120006	0.247791	-4.03566	0.0358348	0.337147	-2.96607	0.0258189	0.307787	-3.249	0.0664589	0.399975	-2.50015
cg22820316	TBX15	0.0366038	0.408799	0.581119	-1.72082	0.0296064	0.192925	-5.18337	0.179464	0.40007	-2.49956	0.124075	0.343006	-2.9154	0.034438	0.20497	-4.87876
cg21647227	TBX15	0.0382546	0.541001	0.715696	-1.39724	0.0620052	0.321152	-3.11379	0.594678	0.74806	-1.33679	0.223032	1.99785	1.99785	0.864973	0.91211	-1.09636
cg27517681	TBX15	0.0407311	0.581404	0.680467	-1.46958	0.0372117	5.32313	5.32313	0.234503	2.36679	2.36679	0.303698	0.478797	-2.08857	0.386243	0.541147	-1.84793
cg23588217	TBX15	0.0416598	0.0796143	4.0358	4.0358	0.875941	0.89401	-1.11856	0.0112356	9.75582	9.75582	0.0862113	3.89406	3.89406	0.682967	0.744916	-1.34243
cg12664119	TBX15	0.0464744	0.147371	0.418053	-2.39204	0.15571	0.42652	-2.34456	0.956449	1.03111	1.03111	0.763819	1.18417	1.18417	0.00648346	0.137353	-7.28049
cg07892597	TBX15;TBX15	0.0183029	0.711382	0.829221	-1.20595	0.0171371	0.231321	-4.32299	0.258825	1.81057	1.81057	0.17227	0.480911	-2.07939	0.111964	0.418055	-2.39203
cg14565725	TBX15;TBX15	0.0392648	0.0380699	0.190852	-5.23967	0.00839273	0.0983257	-10.1703	0.571872	0.674689	-1.48216	0.663484	0.739651	-1.35199	0.046661	0.208216	-4.80271
cg24884142	TBX15;TBX15	0.0484459	0.135012	0.252299	-3.96356	0.0194498	0.0894066	-11.1849	0.855931	0.856129	-1.16805	0.249642	0.357596	-2.79645	0.0724633	0.180305	-5.54615
cg02106850	TBX18	1.93E-06	1.89E-06	24.4645	24.4645	0.348177	0.770195	-1.29837	0.000727952	4.0102	4.0102	0.000445032	4.47384	4.47384	0.747468	1.09126	1.09126
cg14068328	TBX18	2.49E-06	5.98E-05	2.81665	2.81665	0.489234	1.10299	1.10299	0.00095895	1.98656	1.98656	0.000493106	2.14121	2.14121	0.580593	0.92508	-1.08099
cg26936429	TBX18	4.43E-06	0.0177872	1.45849	1.45849	0.0207235	1.44013	1.44013	1.39E-06	5.0113	5.0113	0.000980836	0.526283	-1.90012	0.661085	1.05948	1.05948
cg22496809	TBX18	7.69E-06	0.000156593	3.27135	3.27135	0.754023	0.944049	-1.05927	9.02E-05	3.60685	3.60685	0.800884	1.04738	1.04738	0.0912007	0.711222	-1.40603
cg07028914	TBX18	8.71E-06	1.31E-05	26.3315	26.3315	0.134567	0.561336	-1.78146	0.0448596	2.27974	2.27974	0.00169935	4.97472	4.97472	?	?	?
cg06733419	TBX18	2.40E-05	0.000147857	2.94784	2.94784	0.0286336	1.53391	1.53391	0.113	1.33086	1.33086	0.786226	1.04608	1.04608	0.883304	0.975956	-1.02464
cg01461410	TBX18	3.16E-05	0.00308063	2.521	2.521	0.472577	1.18146	1.18146	0.959679	0.988527	-1.01161	0.167792	0.714946	-1.39871	0.717154	0.920318	-1.08658
cg04515996	TBX18	6.81E-05	0.377652	1.265	1.265	0.000169913	6.108	6.108	0.0528419	1.78751	1.78751	0.279534	1.33981	1.33981	0.111672	0.635015	-1.57477
cg07590529	TBX18	7.35E-05	0.00014417	3.95406	3.95406	0.000664009	0.334826	-2.98663	0.0722934	1.52363	1.52363	0.00157114	0.385435	-2.59447	0.000443922	0.31224	-3.20266
cg03724990	TBX18	0.000380983	0.00178568	2.90993	2.90993	0.0063404	2.34859	2.34859	0.00127166	3.09383	3.09383	0.958628	1.01254	1.01254	0.242017	1.34205	1.34205
cg03563169	TBX18	0.00132318	0.00242833	0.138472	-7.22167	0.037094	0.321837	-3.10716	0.00380188	0.16069	-6.22317	0.018675	0.263106	-3.80075	0.000927159	0.0986405	-10.1378
cg09749813	TBX18	0.00203664	0.00429275	5.70081	5.70081	0.0398884	2.95222	2.95222	0.0308528	3.17541	3.17541	0.841161	1.09576	1.09576	0.98738	1.00723	1.00723
cg09817427	TBX18	0.00281131	0.00154588	4.92421	4.92421	0.733511	0.887234	-1.1271	0.471741	1.29213	1.29213	0.858679	0.939507	-1.06439	0.40093	0.740066	-1.35123
cg16210497	TBX18	0.0156108	0.732867	0.867022	-1.15337	0.407929	1.42269	1.42269	0.725206	1.15834	1.15834	0.482748	0.742961	-1.34597	0.750134	0.875402	-1.14233
cg09988118	TBX18	0.016573	0.159645	2.45077	2.45077	0.785482	1.17674	1.17674	0.788845	0.852039	-1.17365	0.109585	2.83094	2.83094	0.0634099	0.287879	-3.47368
cg09259037	TBX18	0.04919	0.10217	2.85963	2.85963	0.481117	1.52292	1.52292	0.5481	1.42901	1.42901	0.55766	0.70589	-1.41665	0.33607	0.558431	-1.79073
cg06941869	TBX19	0.022357	0.263414	0.696769	-1.4352	0.30976	0.721999	-1.38504	0.0819403	0.550279	-1.81726	0.144083	0.614882	-1.62633	0.000738038	0.204199	-4.89718
cg20804163	TBX19	0.0390667	0.0823851	1.54251	1.54251	0.147993	1.41848	1.41848	0.00701706	0.456019	-2.19289	0.325426	1.25699	1.25699	0.827699	0.952086	-1.05033
cg26160839	TBX19	0.0433975	0.479038	0.879959	-1.13642	0.00778922	0.544913	-1.83516	0.125225	0.744608	-1.34299	0.225075	1.25411	1.25411	0.208845	0.790237	-1.26544
cg22251784	TBX1;TBX1	0.00624831	0.896117	1.03671	1.03671	0.0346467	0.506726	-1.97345	0.0267715	0.484707	-2.0631	0.423003	0.797822	-1.25341	0.0223834	0.469905	-2.12809
cg04143347	TBX1;TBX1	0.0486448	0.0287908	1.64105	1.64105	0.785688	0.948988	-1.05375	0.416853	0.852657	-1.1728	0.0734354	1.46732	1.46732	0.0220573	0.590115	-1.69459
cg16332936	TBX1;TBX1;TBX1	4.90E-06	1.03E-05	2.97558	2.97558	0.0747069	1.25778	1.25778	3.35E-06	3.55066	3.55066	0.302877	1.13121	1.13121	3.32E-06	3.55576	3.55576
cg10254000	TBX1;TBX1;TBX1	4.47E-05	0.0303763	0.474431	-2.10779	0.891169	1.04092	1.04092	0.199053	1.48822	1.48822	3.43E-06	0.0406313	-24.6115	0.625731	0.865875	-1.1549
cg10047755	TBX1;TBX1;TBX1	0.00187217	0.00563905	3.05784	3.05784	0.0306275	2.1846	2.1846	0.88574	0.956727	-1.04523	0.0126059	2.59698	2.59698	0.00851082	2.80985	2.80985
cg24152179	TBX1;TBX1;TBX1	0.00269049	0.320713	1.2702	1.2702	0.0096004	0.465645	-2.14756	0.279907	0.769628	-1.29933	0.0178322	1.95691	1.95691	0.0286812	1.82509	1.82509
cg02583938	TBX1;TBX1;TBX1	0.00583455	0.254117	0.844331	-1.18437	0.927981	0.987237	-1.01293	0.00736769	1.63347	1.63347	0.142003	1.25147	1.25147	0.265218	1.17937	1.17937
cg16113681	TBX1;TBX1;TBX1	0.00594457	0.0016975	8.66505	8.66505	0.145159	2.1244	2.1244	0.0148336	4.23584	4.23584	0.996734	1.00197	1.00197	0.00751144	5.2439	5.2439
cg00204782	TBX1;TBX1;TBX1	0.0133535	0.00775343	6.74884	6.74884	0.017588	5.0178	5.0178	0.432774	1.5636	1.5636	0.0269426	4.31851	4.31851	0.0193536	4.85074	4.85074
cg04679902	TBX1;TBX1;TBX1	0.0215823	0.13452	2.31913	2.31913	0.380505	1.59832	1.59832	0.221578	0.511813	-1.95384	0.149097	2.2402	2.2402	0.0427934	3.3722	3.3722
cg17338254	TBX1;TBX1;TBX1	0.037876	0.166348	0.712974	-1.40257	0.0655476	0.622638	-1.60607	0.00779922	0.457032	-2.18803	0.667926	1.10399	1.10399	0.177574	0.720027	-1.38884
cg05298458	TBX1;TBX1;TBX1	0.0470516	0.87776	1.06726	1.06726	0.109729	0.47837	-2.09043	0.0625421	2.42638	2.42638	0.287926	0.627139	-1.59454	0.643286	1.21802	1.21802
cg21507095	TBX1;TBX1;TBX1	0.0497021	0.0544282	8.59052	8.59052	0.0140191	19.8749	19.8749	0.178312	4.09328	4.09328	0.0308335	12.1684	12.1684	0.0223565	14.8401	14.8401
cg22675937	TBX2	1.51E-05	0.762802	0.934199	-1.07044	0.000877432	0.32568	-3.0705	0.000138985	4.39428	4.39428	0.0504323	1.65104	1.65104	1.56E-05	7.44611	7.44611
cg21389753	TBX2	0.000602788	0.533583	0.751838	-1.33007	0.318893	0.626595	-1.59593	0.00783893	4.97378	4.97378	0.472805	1.39173	1.39173	1.06E-05	127.125	127.125
cg00730441	TBX2	0.00104376	0.522276	0.766541	-1.30456	0.0556791	0.411099	-2.4325	0.016378	0.300322	-3.32976	0.00364883	0.199475	-5.01315	0.282124	1.58127	1.58127
cg19021197	TBX2	0.00335543	0.0126159	4.47708	4.47708	0.0949897	0.411982	-2.42729	0.0133205	4.40197	4.40197	0.0449491	3.0411	3.0411	0.328585	1.62802	1.62802
cg26660800	TBX2	0.00415736	0.382334	0.684492	-1.46094	0.244452	0.597379	-1.67398	0.295802	1.58202	1.58202	0.252256	0.602889	-1.65868	0.000381156	11.0299	11.0299
cg07095230	TBX2	0.00447336	0.173496	0.348525	-2.86924	0.117921	0.29061	-3.44104	0.0971345	3.76285	3.76285	0.256373	2.3686	2.3686	0.000106717	144.963	144.963
cg03656099	TBX2	0.00512805	0.916672	0.910516	-1.09828	0.916288	1.09876	1.09876	0.0388533	8.51935	8.51935	0.186582	3.50479	3.50479	0.000586353	116.627	116.627
cg27005487	TBX2	0.00728842	0.32366	0.733217	-1.36385	0.474271	1.24799	1.24799	0.00108555	0.230371	-4.34083	0.00844217	0.359205	-2.78392	0.796387	1.0819	1.0819
cg12163132	TBX2	0.00762286	0.0243989	2.82486	2.82486	0.380454	1.41669	1.41669	0.773125	1.11842	1.11842	0.0946394	2.03657	2.03657	0.0112509	3.41936	3.41936
cg05162750	TBX2	0.00833894	0.495829	1.72646	1.72646	0.0276755	7.81156	7.81156	0.584474	1.54663	1.54663	0.00160088	35.688	35.688	0.359715	0.475397	-2.1035
cg26983835	TBX2	0.0111158	0.921903	1.06113	1.06113	0.0126614	6.52269	6.52269	0.0307625	4.6425	4.6425	0.917434	0.939181	-1.06476	0.000484426	27.401	27.401
cg27027242	TBX2	0.0117517	0.178673	1.78911	1.78911	0.292897	1.55932	1.55932	0.489356	0.751315	-1.331	0.310472	0.652287	-1.53307	0.0207173	3.10784	3.10784
cg22449107	TBX2	0.0117771	0.150241	0.830707	-1.20379	0.011669	1.46091	1.46091	0.00693725	1.52222	1.52222	0.0224096	0.719637	-1.38959	0.428636	1.10206	1.10206
cg26932779	TBX2	0.0147548	0.256512	1.49744	1.49744	0.109958	1.81115	1.81115	0.86533	0.943776	-1.05957	0.043306	2.20865	2.20865	0.754827	0.898711	-1.1127
cg15735984	TBX2	0.0166487	0.178011	0.8374	-1.19417	0.00311009	1.65112	1.65112	0.954719	0.992984	-1.00707	0.324897	0.881578	-1.13433	0.697556	1.04961	1.04961
cg27470066	TBX2	0.0188772	0.137599	2.00589	2.00589	0.154615	1.94106	1.94106	0.767152	1.13799	1.13799	0.192773	0.54878	-1.82222	0.0451894	2.71914	2.71914
cg12999453	TBX2	0.0199461	0.11835	3.22254	3.22254	0.316034	2.04507	2.04507	0.0393096	5.18432	5.18432	0.388951	1.83922	1.83922	0.00125342	25.8405	25.8405
cg02829706	TBX2	0.0280906	0.502893	0.839701	-1.1909	0.00327666	2.80052	2.80052	0.11275	1.55832	1.55832	0.338623	0.776114	-1.28847	0.419314	0.808932	-1.2362
cg01438365	TBX2	0.0461192	0.277689	2.56471	2.56471	0.218723	0.339842	-2.94254	0.379341	2.12217	2.12217	0.821883	0.828512	-1.20698	0.00440267	23.8542	23.8542
cg22490907	TBX20;TBX20	3.68E-07	0.000683603	0.69282	-1.44338	0.0914275	0.876794	-1.14052	6.35E-07	0.381316	-2.6225	1.34E-05	1.90533	1.90533	2.43E-05	0.551749	-1.81242
cg18011916	TBX20;TBX20	9.49E-07	0.0604224	0.764389	-1.30824	0.143117	0.818995	-1.22101	0.000102777	2.39226	2.39226	6.13E-06	3.61298	3.61298	0.00169283	0.566005	-1.76677
cg17985646	TBX20;TBX20	1.87E-06	0.208578	0.755462	-1.32369	0.524411	1.14621	1.14621	0.515507	1.14968	1.14968	0.0428138	1.63751	1.63751	0.602262	1.11765	1.11765
cg24061141	TBX20;TBX20	7.97E-06	0.763352	0.95864	-1.04314	0.646597	1.06671	1.06671	0.362409	1.13991	1.13991	0.0364492	1.40512	1.40512	0.0616617	0.744954	-1.34236
cg00598758	TBX20;TBX20	9.25E-06	4.91E-06	3.14806	3.14806	1.92E-05	0.384837	-2.5985	0.000209457	0.505549	-1.97805	0.389028	0.907471	-1.10196	0.129654	0.835207	-1.19731
cg27494497	TBX20;TBX20	1.08E-05	4.17E-06	3.03683	3.03683	0.00914375	0.708067	-1.4123	0.0933645	0.824942	-1.21221	0.000659004	1.72298	1.72298	0.0418844	0.783081	-1.27701
cg11117878	TBX20;TBX20	3.83E-05	0.107993	0.829626	-1.20536	0.000587649	0.567982	-1.76062	0.132242	1.18889	1.18889	0.102222	0.826562	-1.20983	0.159342	0.851993	-1.17372
cg26673012	TBX20;TBX20	9.96E-05	0.614314	1.18311	1.18311	0.157844	1.64824	1.64824	0.922214	1.03285	1.03285	0.130164	0.582198	-1.71763	0.533372	1.23214	1.23214
cg13870866	TBX20;TBX20	0.000254256	0.00106665	2.70534	2.70534	0.679958	0.918177	-1.08911	0.106135	1.43787	1.43787	0.000174069	3.71076	3.71076	0.195647	0.754547	-1.3253
cg09349530	TBX20;TBX20	0.000341265	0.572254	1.10524	1.10524	0.00102928	0.426215	-2.34623	0.487613	0.883689	-1.13162	0.145324	1.31546	1.31546	0.4618	0.876909	-1.14037
cg12467749	TBX20;TBX20	0.000947748	0.000362186	7.40073	7.40073	0.777229	0.905468	-1.1044	0.507359	1.2655	1.2655	0.666658	1.16382	1.16382	0.342198	0.709919	-1.40861
cg06128028	TBX20;TBX20	0.00156635	0.643996	0.910949	-1.09776	0.445636	1.16862	1.16862	0.0261294	1.69717	1.69717	0.980765	0.99518	-1.00484	0.538767	1.13285	1.13285
cg16362592	TBX20;TBX20	0.00976376	0.100353	0.737993	-1.35503	0.515958	1.11758	1.11758	0.392419	1.15937	1.15937	0.976061	0.994948	-1.00508	0.169187	0.780977	-1.28045
cg23602974	TBX20;TBX20	0.028624	0.758841	1.07831	1.07831	0.20701	1.38514	1.38514	0.467439	1.19845	1.19845	0.593283	1.14109	1.14109	0.168247	1.43261	1.43261
cg25377206	TBX20;TBX20	0.0411238	0.0307197	4.2629	4.2629	0.754136	1.19661	1.19661	0.0480372	3.63676	3.63676	0.015686	5.43023	5.43023	0.712118	0.809169	-1.23584
cg18249173	TBX20;TBX20;TBX20;TBX20	9.66E-06	0.665618	1.12956	1.12956	0.312693	0.746316	-1.33992	0.00148915	3.60982	3.60982	0.00448059	2.89178	2.89178	0.675813	0.888838	-1.12506
cg10778441	TBX20;TBX20;TBX20;TBX20	0.000278678	0.317247	1.17737	1.17737	0.0545058	0.708553	-1.41133	0.989958	0.998014	-1.00199	5.95E-05	3.23104	3.23104	0.54253	0.907231	-1.10226
cg08959216	TBX20;TBX20;TBX20;TBX20	0.0136941	0.00435029	15.3833	15.3833	0.233054	2.45228	2.45228	0.0593083	4.60575	4.60575	0.0553437	4.75001	4.75001	0.339826	0.493752	-2.02531
cg02008154	TBX20;TBX20;TBX20;TBX20	0.0183927	0.862554	1.09757	1.09757	0.120572	2.47084	2.47084	0.228184	1.97296	1.97296	0.673794	1.25541	1.25541	0.457035	0.665695	-1.50219
cg05266212	TBX21	0.00444798	0.000210351	0.184616	-5.41664	0.741628	1.09438	1.09438	0.5906	1.15956	1.15956	0.709991	0.90319	-1.10719	0.00218283	0.309835	-3.22752
cg26281453	TBX21;TBX21	0.00756706	0.311725	1.27328	1.27328	0.0553361	0.605664	-1.65108	0.000532166	0.287957	-3.47274	0.356224	0.803269	-1.24491	0.253559	1.31688	1.31688
cg14917571	TBX22;TBX22	6.87E-05	0.992457	0.998524	-1.00148	0.0386258	0.687826	-1.45386	0.000593205	0.436689	-2.28996	3.78E-05	0.290561	-3.44161	0.000185152	0.372878	-2.68184
cg17560693	TBX22;TBX22	0.0248988	0.00441708	0.126481	-7.90635	0.0496335	0.295597	-3.38299	0.410455	0.632522	-1.58097	0.272412	0.537056	-1.862	0.192862	0.472397	-2.11687
cg21902245	TBX22;TBX22	0.0379839	0.0102632	0.114283	-8.75018	0.0342119	0.190783	-5.24155	0.395889	0.558262	-1.79127	0.194725	0.398651	-2.50846	0.105701	0.305777	-3.27036
cg12025642	TBX22;TBX22;TBX22	0.0162719	0.000225253	0.0229308	-43.6094	0.235582	0.465419	-2.1486	0.165897	0.402875	-2.48216	0.592977	0.717505	-1.39372	0.161926	0.398965	-2.50648
cg16374753	TBX22;TBX22;TBX22	0.0281692	0.165361	0.409864	-2.43983	0.00442287	0.101289	-9.87276	0.0564511	0.272036	-3.67598	0.191483	0.434493	-2.30153	0.0574175	0.273771	-3.65268
cg14749816	TBX22;TBX22;TBX22	0.0457946	0.015726	0.172499	-5.79713	0.00189829	0.0733372	-13.6357	0.234528	0.477204	-2.09554	0.827189	0.878269	-1.1386	0.194285	0.442517	-2.2598
cg13274713	TBX2;TBX2	0.00113233	0.676166	0.909005	-1.1001	6.71E-05	5.25117	5.25117	0.824883	1.05162	1.05162	0.629217	0.895392	-1.11683	0.733696	0.925376	-1.08064
cg04304770	TBX2;TBX2	0.00299202	0.935494	0.982964	-1.01733	0.0117781	1.94991	1.94991	0.0233738	1.77729	1.77729	0.827779	0.954803	-1.04734	0.771439	0.94004	-1.06378
cg00347620	TBX3;TBX3	0.00218556	0.113806	0.63099	-1.58481	0.729007	0.911117	-1.09755	0.0123053	2.30336	2.30336	0.063956	1.74588	1.74588	0.359381	1.28688	1.28688
cg09053536	TBX3;TBX3	0.00644342	0.633485	1.21511	1.21511	0.443034	0.728179	-1.37329	0.00891401	3.85578	3.85578	0.00782417	3.99275	3.99275	0.519329	0.767253	-1.30335
cg27630311	TBX3;TBX3	0.00734712	0.37146	0.667227	-1.49874	0.953833	1.02586	1.02586	0.479382	1.37306	1.37306	0.0254788	3.2241	3.2241	0.367333	0.664767	-1.50429
cg13930596	TBX3;TBX3	0.00752822	0.0070923	0.381948	-2.61816	0.00487382	0.356102	-2.80818	0.191514	0.682108	-1.46604	0.399247	0.787605	-1.26967	0.00496094	0.357297	-2.79879
cg16406892	TBX3;TBX3	0.00868243	0.644734	0.84288	-1.18641	0.354146	0.704018	-1.42042	0.00985101	3.32307	3.32307	0.013088	3.10511	3.10511	0.0897707	0.50231	-1.9908
cg18673726	TBX3;TBX3	0.00977377	0.00304278	0.289792	-3.45075	0.263339	1.42724	1.42724	0.899164	1.03943	1.03943	0.00128394	0.238853	-4.18667	0.0567159	0.517892	-1.9309
cg22635491	TBX3;TBX3	0.0206859	0.0291691	0.238034	-4.20108	0.219441	0.486197	-2.05678	0.303634	1.81297	1.81297	0.134718	2.46093	2.46093	0.698965	1.24235	1.24235
cg10530281	TBX3;TBX3	0.0254209	0.709654	0.862566	-1.15933	0.00278189	5.10445	5.10445	0.915671	1.04276	1.04276	0.0079526	0.260504	-3.83871	0.984412	1.00775	1.00775
cg25623339	TBX3;TBX3	0.0263247	0.967878	1.01346	1.01346	0.0281923	2.36356	2.36356	0.992553	1.0031	1.0031	0.184837	1.59484	1.59484	0.0377517	0.449437	-2.22501
cg13829104	TBX3;TBX3	0.0345614	0.249807	1.59479	1.59479	0.0235154	2.85729	2.85729	0.327119	1.48081	1.48081	0.779324	0.896719	-1.11518	0.212199	0.600519	-1.66523
cg19346371	TBX3;TBX3	0.0352448	0.0555976	0.468651	-2.13378	0.535311	0.803043	-1.24526	0.131638	1.76586	1.76586	0.965858	1.01507	1.01507	0.0759166	0.501505	-1.994
cg13030332	TBX3;TBX3	0.0374471	0.323044	0.684451	-1.46103	0.549885	0.798745	-1.25196	0.114143	1.89333	1.89333	0.434094	1.34509	1.34509	0.877667	0.944392	-1.05888
cg01078446	TBX3;TBX3	0.0424587	0.709164	0.86672	-1.15377	0.00707379	0.264793	-3.77654	0.0385539	2.49664	2.49664	0.0614795	2.23509	2.23509	0.59444	0.814518	-1.22772
cg00517511	TBX3;TBX3	0.0433977	0.0113213	0.152132	-6.57325	0.0210102	0.192361	-5.19856	0.0844168	0.321945	-3.10612	0.742225	0.822037	-1.21649	0.00671734	0.124049	-8.06134
cg02121943	TBX3;TBX3;TBX3;TBX3	0.0260676	0.0408472	3.18664	3.18664	0.717494	1.19529	1.19529	0.170941	2.04579	2.04579	0.684455	0.818244	-1.22213	0.440639	1.4712	1.4712
cg10330024	TBX3;TBX3;TBX3;TBX3	0.032767	0.380184	1.80754	1.80754	0.00352009	13.4952	13.4952	0.876205	0.902563	-1.10796	0.659231	1.33888	1.33888	0.422408	1.7141	1.7141
cg11062079	TBX4	0.000117164	0.389811	0.751442	-1.33077	0.092922	0.549114	-1.82111	0.00244132	0.254725	-3.92581	0.0373501	0.456792	-2.18918	0.285523	1.43289	1.43289
cg14011845	TBX4	0.00232029	0.127241	1.57834	1.57834	0.699464	0.89822	-1.11331	0.051463	0.541445	-1.84691	0.613151	1.15151	1.15151	0.0210844	2.1546	2.1546
cg03969651	TBX4	0.0174082	0.933207	1.01242	1.01242	0.00146662	1.96672	1.96672	0.793851	1.03932	1.03932	0.951135	0.991015	-1.00907	0.165394	1.24345	1.24345
cg07389611	TBX4	0.0178975	0.143526	0.615816	-1.62386	0.24386	1.45657	1.45657	0.00498399	0.317777	-3.14686	0.070684	0.536341	-1.86449	0.00879564	0.357351	-2.79837
cg26881527	TBX4	0.0183187	0.81764	0.973943	-1.02675	0.0211091	0.72832	-1.37302	0.00855423	1.46736	1.46736	0.272837	0.877692	-1.13935	0.0267465	1.34988	1.34988
cg27243700	TBX4	0.0211838	0.487317	1.5941	1.5941	0.434841	0.590662	-1.69302	0.0337311	0.194265	-5.14762	0.651887	0.740751	-1.34998	0.624883	1.38488	1.38488
cg18223453	TBX4	0.0485931	0.107397	0.457926	-2.18376	0.725033	0.854732	-1.16996	0.66998	0.826505	-1.20991	0.158153	0.511382	-1.95549	0.0251944	0.306293	-3.26485
cg16559598	TBX5;TBX5	4.30E-05	2.92E-06	0.011066	-90.3665	0.0219608	0.330102	-3.02936	0.00214178	5.69191	5.69191	0.367351	0.688363	-1.45272	0.234936	0.60529	-1.6521
cg16605327	TBX5;TBX5	0.000121308	0.153526	1.40798	1.40798	0.849827	1.04335	1.04335	0.0943631	1.50943	1.50943	0.0492379	0.604974	-1.65296	0.56007	1.14104	1.14104
cg03843000	TBX5;TBX5	0.000384197	0.197396	0.704975	-1.41849	0.109598	1.56446	1.56446	0.960811	0.987473	-1.01269	0.850715	0.952811	-1.04953	0.799585	1.06745	1.06745
cg26196480	TBX5;TBX5	0.000632353	0.0827209	2.47058	2.47058	0.0694499	0.384482	-2.6009	0.0480975	2.89605	2.89605	0.0184916	0.260608	-3.83718	9.46E-05	0.0378544	-26.417
cg23827572	TBX5;TBX5	0.000939681	0.141108	1.71067	1.71067	?	?	?	0.100931	1.83929	1.83929	0.375179	0.734374	-1.3617	0.735981	0.89155	-1.12164
cg17645823	TBX5;TBX5	0.00244751	0.00693269	2.77137	2.77137	0.00620703	2.83192	2.83192	0.856145	0.948436	-1.05437	0.670875	0.882758	-1.13281	0.236278	0.696246	-1.43627
cg16458436	TBX5;TBX5	0.00919997	0.0171452	4.41499	4.41499	0.0111723	5.08143	5.08143	0.528941	1.38552	1.38552	0.836079	0.899503	-1.11173	0.144163	0.448417	-2.23007
cg14431443	TBX5;TBX5	0.0165551	0.0250698	1.99333	1.99333	0.29192	1.32715	1.32715	0.0802835	1.65235	1.65235	0.692024	1.10854	1.10854	0.201769	0.705475	-1.41748
cg05769349	TBX5;TBX5	0.0239345	0.224497	0.536218	-1.86491	0.814946	1.12133	1.12133	0.615022	1.28106	1.28106	0.485316	0.707279	-1.41387	0.203042	0.518748	-1.92772
cg12670347	TBX5;TBX5	0.0369373	0.0610887	0.173206	-5.77348	0.243705	0.363042	-2.7545	0.243303	2.75711	2.75711	0.83179	1.19326	1.19326	0.0525151	0.160201	-6.24216
cg10281002	TBX5;TBX5	0.04593	0.63249	1.3668	1.3668	0.649044	1.34601	1.34601	0.944851	1.04589	1.04589	0.783087	0.836126	-1.19599	0.0996367	0.310247	-3.22324
cg08985029	TBX5;TBX5;TBX5	4.09E-05	0.873115	0.967904	-1.03316	0.164169	1.3539	1.3539	0.0558992	1.55592	1.55592	0.000250954	0.291532	-3.43015	0.171741	1.34575	1.34575
cg02011607	TBX5;TBX5;TBX5	0.0105636	0.00958928	0.172027	-5.81306	0.0474315	0.296088	-3.37738	0.0737442	0.343073	-2.91483	0.0495101	0.30035	-3.32945	0.00288841	0.110942	-9.0137
cg08318726	TBX5;TBX5;TBX5	0.01357	0.902732	0.906748	-1.10284	0.295642	0.419657	-2.3829	0.046326	0.16082	-6.21813	0.707902	0.739815	-1.35169	0.00781567	0.0649801	-15.3893
cg14264795	TBX5;TBX5;TBX5	0.0249486	0.757108	1.20224	1.20224	0.10894	0.354194	-2.82331	0.0462381	0.257739	-3.87989	0.0979786	0.340374	-2.93795	0.0760408	0.309713	-3.2288
cg16805360	TBX5;TBX5;TBX5	0.0369274	0.317172	2.25539	2.25539	0.151657	0.298726	-3.34755	0.0846288	0.223091	-4.48248	0.289187	0.420898	-2.37587	0.714407	1.3352	1.3352

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26272623	0.0122921	0.287271	-3.48103	0.00188037	0.171502	-5.83084	0.0385021	2.60908	2.60908	0.0212421	0.33029	-3.02764	6.95696	17.6311	2.25272	1
cg26164798	0.037776	0.363922	-2.74784	0.000959587	0.126996	-7.87424	0.167794	0.539662	-1.85301	0.0924875	0.459858	-2.17459	6.82197	19.0195	2.4782	1
cg00805294	0.0102071	0.466796	-2.14226	0.00702803	0.44054	-2.26994	0.431028	0.82774	-1.20811	0.0269267	0.539891	-1.85223	6.80709	5.96545	0.778985	1
cg24720355	0.0153001	0.172737	-5.78913	0.00186112	13.5158	13.5158	0.00530249	8.7326	8.7326	0.640002	1.32022	1.32022	6.3148	34.7836	4.89625	1
cg27262412	0.910981	1.05992	1.05992	0.893547	0.932709	-1.07215	0.000192523	26.2294	26.2294	0.505638	1.42109	1.42109	6.15654	26.3971	3.81125	1
cg09789768	0.00789022	0.173562	-5.76163	0.00805531	0.174789	-5.7212	0.129281	2.3216	2.3216	0.119894	0.420202	-2.3798	6.08035	25.4278	3.71731	1
cg24475782	0.532064	0.696154	-1.43646	0.521033	0.689188	-1.45098	0.000206022	35.0753	35.0753	0.649911	1.29886	1.29886	5.16926	26.8092	4.61001	1
cg00173504	0.956705	1.02086	1.02086	0.862635	0.936274	-1.06806	0.000212469	10.5186	10.5186	0.189133	1.69713	1.69713	5.13492	11.7577	2.03533	1
cg14415885	0.761477	0.941957	-1.06162	0.723801	1.07218	1.07218	0.241021	1.27261	1.27261	0.0265128	0.596561	-1.67628	4.97247	3.0381	0.543096	1
cg21295088	0.299761	0.648321	-1.54245	0.00558779	4.33852	4.33852	0.00195374	5.84827	5.84827	0.444589	1.36928	1.36928	4.91704	12.6649	2.28952	1
cg17868079	0.653519	1.15439	1.15439	0.249671	1.46563	1.46563	0.0128419	0.374615	-2.6694	0.00287467	0.271741	-3.67998	4.58319	7.32926	1.42148	1
cg00466334	0.00908304	0.177763	-5.62546	0.0121996	0.196478	-5.08963	0.136652	2.30587	2.30587	0.0357668	0.279992	-3.57153	4.20875	18.0959	3.82185	1
cg10887810	0.608406	0.746987	-1.33871	0.90456	1.07006	1.07006	0.0235703	0.217341	-4.60107	0.00349973	0.106872	-9.35701	3.96746	20.0223	4.4859	1
cg02362103	0.0829119	0.258313	-3.87127	0.0110018	0.105529	-9.47604	0.136203	3.10139	3.10139	0.0614483	0.226433	-4.41632	3.93446	30.9665	6.99606	1
cg25367912	0.382189	0.670983	-1.49035	0.00748031	0.215875	-4.63231	0.0847054	0.427883	-2.33709	0.0149538	0.263901	-3.7893	3.93103	12.3409	2.79055	1
cg22820316	0.0216071	0.169929	-5.88482	0.0089495	0.118101	-8.46736	0.27454	2.07603	2.07603	0.0416287	0.221103	-4.52277	3.80475	24.8749	5.81142	1
cg21647227	0.381073	0.615316	-1.62518	0.291084	0.553123	-1.80792	0.00189829	10.7906	10.7906	0.529995	1.41041	1.41041	3.74398	17.3243	4.11312	1
cg27517681	0.648589	0.728184	-1.37328	0.114054	0.304688	-3.28204	0.00361933	15.2166	15.2166	0.992849	0.993823	-1.00622	3.65862	27.6949	6.72867	1
cg23588217	0.350662	0.502133	-1.9915	0.943207	0.95019	-1.05242	0.00493003	14.4514	14.4514	0.78681	1.21459	1.21459	3.62824	29.5525	7.2401	1
cg12664119	0.0161756	0.191972	-5.2091	0.120744	0.389073	-2.57021	0.295467	1.83788	1.83788	0.0638822	0.310862	-3.21686	3.48313	17.36	4.43023	1
cg07892597	0.0967118	0.398993	-2.50631	0.00824651	0.18222	-5.48786	0.015614	4.45412	4.45412	0.108815	0.41426	-2.41394	4.84782	19.4947	3.57452	1
cg14565725	0.194357	0.388382	-2.57478	0.0532451	0.220309	-4.53907	0.0599648	4.31396	4.31396	0.169899	0.365292	-2.73754	3.70836	27.8691	6.68018	1
cg24884142	0.213603	0.326492	-3.06286	0.0300471	0.112921	-8.85576	0.0401048	7.59431	7.59431	0.116301	0.232538	-4.30038	3.42896	39.6732	10.2845	1
cg02106850	0.158827	0.665551	-1.50251	0.364903	0.777488	-1.28619	3.87E-07	50.8261	50.8261	6.45E-07	39.5415	39.5415	61.9882	71.7488	1.02885	1
cg14068328	0.257346	0.847934	-1.17934	0.00529013	0.598705	-1.67027	2.63E-07	8.42037	8.42037	6.98E-07	6.54459	6.54459	58.0872	17.9139	0.274131	1
cg26936429	0.000639151	1.98697	1.98697	0.946138	0.99119	-1.00889	3.05E-05	2.90734	2.90734	6.26E-07	5.97905	5.97905	50.0652	13.6007	0.241476	1
cg22496809	0.502771	0.882868	-1.13267	0.906861	0.978789	-1.02167	1.20E-06	9.95502	9.95502	1.52E-06	9.27832	9.27832	43.4262	23.0772	0.472367	1
cg07028914	0.918177	0.96389	-1.03746	0.0551745	0.459294	-2.17725	2.56E-06	58.4242	58.4242	3.97E-06	46.4462	46.4462	43.1606	77.8353	1.80339	1
cg06733419	0.374076	1.16321	1.16321	0.00875218	0.575014	-1.73909	9.50E-06	4.86493	4.86493	1.88E-06	7.10517	7.10517	32.2998	14.0455	0.386532	1
cg01461410	0.151208	1.42055	1.42055	0.451054	0.839232	-1.19157	1.10E-06	18.1326	18.1326	1.47E-05	7.80545	7.80545	30.0529	24.7957	0.733396	1
cg04515996	0.119254	0.642171	-1.55722	0.391447	0.796156	-1.25604	6.26E-06	20.1228	20.1228	2.31E-05	11.7906	11.7906	32.5121	33.7256	0.806807	1
cg07590529	0.0526053	0.629634	-1.58823	0.000148014	3.93348	3.93348	0.012586	1.9183	1.9183	0.465181	1.16888	1.16888	24.0362	16.7791	0.620511	1
cg03724990	0.520576	1.16936	1.16936	0.226571	1.35668	1.35668	7.39E-05	5.64428	5.64428	4.34E-05	6.45175	6.45175	15.4056	14.0835	0.812607	1
cg03563169	0.153462	0.488768	-2.04596	0.000221496	0.0560807	-17.8314	0.00100148	0.101467	-9.85544	0.00516107	0.177339	-5.63892	10.8639	37.7452	3.08831	1
cg09749813	0.15572	1.99817	1.99817	0.999294	1.0004	1.0004	4.27E-05	34.6478	34.6478	0.0181568	3.69627	3.69627	9.59101	31.5496	2.92399	1
cg09817427	0.426636	0.752623	-1.32869	0.32234	0.699121	-1.43037	0.000454023	6.92052	6.92052	0.00169594	4.8064	4.8064	8.72455	16.9378	1.72569	1
cg16210497	0.67242	0.837668	-1.19379	0.888345	1.06025	1.06025	0.000496837	9.67794	9.67794	0.0084505	4.05733	4.05733	5.11265	14.0462	2.44208	1
cg09988118	0.205039	2.22033	2.22033	0.0863797	0.323004	-3.09594	0.000891269	19.4644	19.4644	0.628504	1.33754	1.33754	5.0119	28.2462	5.00962	1
cg09259037	0.382273	0.590776	-1.69269	0.967694	0.976492	-1.02407	0.00764186	7.49494	7.49494	0.00917946	6.98086	6.98086	3.40921	18.6287	4.8571	1
cg06941869	0.60474	1.17564	1.17564	0.438897	0.782967	-1.27719	0.140003	0.611358	-1.6357	0.0111302	0.372978	-2.68112	4.52884	6.88841	1.35201	1
cg20804163	0.0301137	1.77623	1.77623	0.153778	1.41055	1.41055	0.185592	1.37187	1.37187	0.757924	0.932732	-1.07212	3.71525	2.98557	0.714308	1
cg26160839	0.866417	1.03037	1.03037	0.0139974	1.71472	1.71472	0.915779	1.01898	1.01898	0.864081	0.970012	-1.03092	3.57359	1.78729	0.444566	1
cg22251784	0.000558113	0.228194	-4.38224	0.0410418	1.9169	1.9169	0.165433	1.50428	1.50428	0.205435	0.691635	-1.44585	6.85273	8.26736	1.07239	1
cg04143347	0.80005	0.952414	-1.04996	0.0478088	1.54451	1.54451	0.112129	1.39419	1.39419	0.933193	0.984023	-1.01624	3.42364	2.00104	0.519534	1
cg16332936	7.85E-06	3.1	3.1	0.0436615	0.764964	-1.30725	0.00213827	1.64593	1.64593	1.07E-05	2.96038	2.96038	48.801	10.3149	0.187882	1
cg10254000	4.72E-06	0.0463973	-21.553	0.012324	0.401291	-2.49196	0.170386	0.651961	-1.53383	0.77257	1.08861	1.08861	27.4198	37.2767	1.20842	1
cg10047755	0.152374	0.623961	-1.60266	0.000227866	6.58368	6.58368	0.00357265	3.36804	3.36804	0.00699425	2.92465	2.92465	9.82897	14.7355	1.33261	1
cg24152179	0.00585564	0.431314	-2.3185	0.00266049	2.63454	2.63454	0.0193398	1.93358	1.93358	0.071317	1.59926	1.59926	8.8386	7.60684	0.765012	1
cg02583938	0.476797	0.902315	-1.10826	0.0062685	0.602868	-1.65874	0.00829959	1.61526	1.61526	0.00404277	1.73081	1.73081	6.99927	2.23813	0.284237	1
cg16113681	0.505323	1.38478	1.38478	0.0285803	0.288212	-3.46967	0.00721835	5.31119	5.31119	0.0451843	3.02446	3.02446	6.95907	25.5654	3.26549	1
cg00204782	0.945977	1.03856	1.03856	0.403932	0.620724	-1.61102	0.00382091	8.82538	8.82538	0.015761	5.2173	5.2173	5.38271	26.5786	4.38913	1
cg04679902	0.0182744	0.224628	-4.4518	0.0229366	0.242076	-4.13094	0.041296	3.41132	3.41132	0.264988	1.83239	1.83239	4.58395	19.7307	3.82605	1
cg17338254	0.128167	0.685908	-1.45792	0.0224895	0.534409	-1.87123	0.117651	1.47631	1.47631	0.451886	1.19208	1.19208	3.75763	3.12739	0.739803	1
cg05298458	0.15478	1.90412	1.90412	0.00401897	5.12671	5.12671	0.965704	1.01835	1.01835	0.113176	2.07315	2.07315	3.46698	9.82022	2.51778	1
cg21507095	0.647916	1.57317	1.57317	0.805596	1.27507	1.27507	0.0199487	15.9294	15.9294	0.0470909	9.38644	9.38644	3.39583	52.2309	13.6719	1
cg22675937	0.0851885	0.651832	-1.53414	0.000190984	0.243273	-4.11061	1.11E-05	8.17888	8.17888	0.162653	0.715214	-1.39818	36.4736	29.2111	0.711897	1
cg21389753	0.122628	0.465435	-2.14853	0.431159	1.43893	1.43893	0.26857	1.68799	1.68799	0.560573	0.766319	-1.30494	16.7819	53.0419	2.45829	1
cg00730441	0.000570889	0.112236	-8.9098	9.76E-05	0.0584808	-17.0996	0.00209509	0.16957	-5.89728	0.105862	0.484738	-2.06297	11.6244	30.9435	2.36617	1
cg19021197	0.636516	1.2587	1.2587	0.298614	0.594095	-1.68323	0.000138951	24.089	24.089	0.15659	2.08002	2.08002	8.27753	30.6247	3.28865	1
cg26660800	0.251839	0.602597	-1.65948	0.0235733	0.318541	-3.13931	0.00521042	4.75795	4.75795	0.738743	0.867948	-1.15214	7.7616	22.0069	2.52032	1
cg07095230	0.654219	0.720257	-1.38839	0.162876	0.33817	-2.95709	0.930898	1.06516	1.06516	0.804107	0.834532	-1.19828	7.59138	63.6935	7.45799	1
cg03656099	0.477999	1.9082	1.9082	0.00576562	0.0391401	-25.5493	0.00884234	19.7921	19.7921	0.838349	1.20078	1.20078	7.28212	92.535	11.2952	1
cg27005487	0.00137926	0.24359	-4.10526	0.256763	0.697443	-1.43381	0.0621804	0.527731	-1.8949	0.0521931	0.510539	-1.95871	6.53225	9.58756	1.30465	1
cg12163132	0.0340118	2.60667	2.60667	0.0391553	2.51973	2.51973	0.000275456	10.0348	10.0348	0.0161803	3.12368	3.12368	6.44112	15.2922	2.11035	1
cg05162750	0.632355	0.683443	-1.46318	0.195145	0.338908	-2.95065	0.00115865	43.3088	43.3088	0.343881	2.15962	2.15962	6.26173	61.8381	8.77827	1
cg26983835	0.540326	0.687212	-1.45515	0.167944	0.410967	-2.43328	0.507865	1.50156	1.50156	0.598401	1.37936	1.37936	5.7132	33.1321	5.15487	1
cg27027242	0.0087409	0.256659	-3.89622	0.0025933	0.182799	-5.47048	0.0921031	0.470056	-2.12741	0.969415	0.984511	-1.01573	5.6114	14.7318	2.33362	1
cg22449107	0.954995	1.00681	1.00681	0.106205	0.808812	-1.23638	0.542924	0.928611	-1.07688	0.0242429	1.38135	1.38135	5.60748	1.2846	0.203633	1
cg26932779	0.63693	1.17596	1.17596	0.384081	0.737675	-1.35561	0.000385448	6.89601	6.89601	0.0525164	2.12031	2.12031	5.20899	9.58795	1.63614	1
cg15735984	0.875593	1.01962	1.01962	0.207082	1.17935	1.17935	0.0181809	1.42698	1.42698	0.00475057	1.59185	1.59185	5.00427	1.21837	0.216414	1
cg27470066	0.0230908	0.306459	-3.26308	0.00379539	0.182721	-5.47283	0.189547	0.546104	-1.83115	0.567915	1.28569	1.28569	4.79756	14.3992	2.66787	1
cg12999453	0.782496	1.21045	1.21045	0.0529486	0.219156	-4.56297	0.129363	3.09854	3.09854	0.408346	0.55786	-1.79256	4.70888	35.522	6.70545	1
cg02829706	0.481199	1.20199	1.20199	0.101835	0.631169	-1.58436	0.0865671	1.62653	1.62653	0.0394506	1.84438	1.84438	4.18302	4.37442	0.929561	1
cg01438365	0.117983	4.12169	4.12169	0.0895021	0.209721	-4.76823	0.0718541	5.34744	5.34744	0.987972	1.01266	1.01266	3.49319	38.5105	9.79951	1
cg22490907	7.81E-05	0.603165	-1.65792	8.68E-08	0.287885	-3.47361	8.26E-05	1.65128	1.65128	0.027524	1.20248	1.20248	94.5888	7.49581	0.0704411	1
cg18011916	0.259661	0.861394	-1.16091	0.0531336	0.756681	-1.32156	2.63E-08	13.4746	13.4746	0.0149422	1.4619	1.4619	74.3279	18.9534	0.226664	1
cg17985646	0.790238	0.945165	-1.05802	0.609258	0.896685	-1.11522	1.30E-08	114.302	114.302	0.119623	1.42936	1.42936	62.4739	44.2756	0.629961	1
cg24061141	0.474998	0.90337	-1.10697	0.000137069	0.397451	-2.51603	1.31E-07	10.3306	10.3306	0.535812	1.09167	1.09167	43.0219	13.3329	0.275475	1
cg00598758	0.322016	0.893577	-1.1191	8.06E-06	0.341839	-2.92536	0.451249	0.919044	-1.08809	0.00127833	0.596543	-1.67633	41.3956	7.93115	0.170306	1
cg27494497	0.0604782	1.24698	1.24698	0.15586	0.853579	-1.17154	1.11E-06	3.74927	3.74927	0.0234877	1.32599	1.32599	39.7399	6.84299	0.153062	1
cg11117878	0.000186621	1.95768	1.95768	0.000127365	0.491656	-2.03394	9.62E-06	2.75947	2.75947	0.113792	0.832564	-1.20111	28.5572	5.1304	0.159692	1
cg26673012	0.0053583	0.297123	-3.36561	0.171091	0.617391	-1.61972	1.39E-06	58.7266	58.7266	0.49149	1.26013	1.26013	22.1672	38.4438	1.54157	1
cg13870866	0.31543	0.807659	-1.23815	0.00191736	0.4049	-2.46974	8.05E-05	4.32544	4.32544	0.156542	1.36599	1.36599	17.2106	11.5438	0.596212	1
cg09349530	0.126981	0.748703	-1.33564	0.011173	0.572596	-1.74643	1.60E-05	4.75784	4.75784	0.251438	1.23379	1.23379	15.8791	7.73182	0.432816	1
cg12467749	0.519365	1.25692	1.25692	0.143628	0.576892	-1.73343	3.92E-05	15.7269	15.7269	0.807465	0.918076	-1.08923	11.9468	23.1892	1.72537	1
cg06128028	0.340082	0.821142	-1.21782	0.367834	0.830772	-1.2037	1.96E-05	5.6697	5.6697	0.414752	1.18186	1.18186	10.3497	6.58466	0.565527	1
cg16362592	0.92327	1.01639	1.01639	0.000157956	0.33599	-2.97628	0.166672	0.779683	-1.28257	0.926549	0.984558	-1.01568	5.95595	2.68706	0.401028	1
cg23602974	0.806238	1.06201	1.06201	0.714889	0.914093	-1.09398	0.00037979	4.01415	4.01415	0.338109	1.27349	1.27349	4.15535	3.9448	0.843849	1
cg25377206	0.425833	1.59133	1.59133	0.932653	1.04947	1.04947	0.0034473	9.67123	9.67123	0.59471	1.35903	1.35903	3.64567	18.8451	4.59481	1
cg18249173	0.648153	0.87921	-1.13738	0.311481	1.34097	1.34097	8.52E-08	140.356	140.356	0.0513209	1.86211	1.86211	40.9357	50.8992	1.10524	1
cg10778441	0.0693176	1.37839	1.37839	0.483829	0.893707	-1.11893	1.85E-05	3.96853	3.96853	0.260894	1.20345	1.20345	16.7852	6.63089	0.351151	1
cg08959216	0.662796	1.36993	1.36993	0.0171539	8.03439	8.03439	0.00183431	23.9289	23.9289	0.0541628	4.79588	4.79588	5.33847	43.5116	7.24495	1
cg02008154	0.104532	2.59417	2.59417	0.553738	0.724826	-1.37964	0.000329855	22.536	22.536	0.390243	1.60479	1.60479	4.83983	22.1249	4.06348	1
cg05266212	0.312553	1.32944	1.32944	0.0412687	0.526373	-1.8998	0.429698	0.802726	-1.24576	0.0637624	0.566615	-1.76487	7.60449	8.94927	1.04608	1
cg26281453	0.378704	0.81181	-1.23182	0.00538263	0.429156	-2.33015	0.0801559	0.638811	-1.56541	0.0245079	0.538735	-1.8562	6.45598	5.44905	0.750251	1
cg14917571	0.786765	1.04327	1.04327	0.0171553	0.635226	-1.57424	0.968467	0.993843	-1.00619	4.74E-06	0.194689	-5.13639	24.4669	9.45755	0.343596	1
cg17560693	0.299168	1.79599	1.79599	0.178822	2.17541	2.17541	0.973691	1.01811	1.01811	0.00628065	0.144082	-6.94047	4.36338	20.4644	4.16892	1
cg21902245	0.0235453	0.16312	-6.13044	0.0121389	0.122944	-8.13377	0.031321	0.183873	-5.43853	0.0322265	0.186077	-5.37411	3.75372	26.7238	6.32826	1
cg12025642	0.0596993	0.270513	-3.69668	0.67232	0.769694	-1.29922	0.701855	0.789257	-1.26701	0.883385	1.09451	1.09451	5.04263	30.2343	5.32955	1
cg16374753	0.332504	0.547383	-1.82687	0.332491	1.8269	1.8269	0.987156	0.990344	-1.00975	0.00476468	0.104459	-9.57313	4.1789	24.0476	5.11512	1
cg14749816	0.0446937	0.254536	-3.92872	0.419863	0.61305	-1.63119	0.630742	0.750105	-1.33315	0.332184	0.552143	-1.81112	3.50247	19.5525	4.96221	1
cg13274713	0.70467	0.917152	-1.09033	0.821896	0.950083	-1.05254	0.000180542	4.21815	4.21815	0.152985	1.41564	1.41564	11.3582	9.27857	0.726137	1
cg04304770	0.755583	0.935863	-1.06853	0.0553717	1.58567	1.58567	7.07E-05	4.65859	4.65859	0.0324756	1.70132	1.70132	8.56492	6.11271	0.634393	1
cg00347620	0.0394665	0.5286	-1.89179	0.00727419	0.39591	-2.52583	0.000311676	4.78298	4.78298	0.0860001	1.66159	1.66159	9.39537	10.6591	1.00845	1
cg09053536	0.844554	0.923469	-1.08287	0.705467	0.85727	-1.16649	0.000333727	10.46	10.46	0.113941	2.00868	2.00868	6.78776	17.684	2.3158	1
cg27630311	0.00178316	0.140752	-7.10468	0.528063	0.754371	-1.32561	0.00192451	6.93049	6.93049	0.319883	1.57337	1.57337	6.51588	20.0632	2.737	1
cg13930596	0.891116	0.962815	-1.03862	0.000827374	0.24831	-4.02723	0.776545	0.924292	-1.08191	0.03727	0.51229	-1.95202	6.46639	7.83908	1.07758	1
cg16406892	0.163821	0.578682	-1.72806	0.0690893	0.472923	-2.11451	0.00298171	4.48146	4.48146	0.565424	1.23852	1.23852	6.18236	13.2707	1.90803	1
cg18673726	0.591326	0.847594	-1.17981	0.130572	0.607683	-1.64559	0.484417	1.24206	1.24206	0.151461	1.59822	1.59822	5.954	8.77651	1.31027	1
cg22635491	0.021216	0.212908	-4.69686	0.700967	0.80616	-1.24045	0.00444539	8.32572	8.32572	0.322438	1.76963	1.76963	4.65088	22.97	4.39009	1
cg10530281	0.686542	0.851826	-1.17395	0.51421	0.769905	-1.29886	0.198971	1.71009	1.71009	0.17771	1.76159	1.76159	4.33198	10.7213	2.19993	1
cg25623339	0.869133	0.946741	-1.05625	0.021163	2.50912	2.50912	0.0125991	0.357133	-2.80008	0.336726	1.38922	1.38922	4.27947	7.46638	1.55084	1
cg13829104	0.0414151	2.49123	2.49123	0.124874	0.524816	-1.90543	0.00676773	3.90475	3.90475	0.684203	0.853256	-1.17198	3.8848	9.26618	2.12021	1
cg19346371	0.702798	1.14333	1.14333	0.00232801	0.226384	-4.41727	0.257024	1.51183	1.51183	0.907376	0.960149	-1.0415	3.85738	7.458	1.71861	1
cg13030332	0.537777	0.793152	-1.26079	0.0059056	3.81056	3.81056	0.0118425	3.21279	3.21279	0.0488059	2.30656	2.30656	3.77329	8.2448	1.94226	1
cg01078446	0.687295	0.856854	-1.16706	0.100725	0.503407	-1.98647	0.299682	0.663423	-1.50733	0.495532	1.30239	1.30239	3.60277	8.31678	2.05195	1
cg00517511	0.0640145	0.290573	-3.44147	0.121082	0.368588	-2.71306	0.146475	0.396356	-2.52299	0.0845314	0.322108	-3.10455	3.57358	19.9526	4.96298	1
cg02121943	0.919317	1.051	1.051	0.00350668	6.98785	6.98785	0.00231558	8.07931	8.07931	0.525116	1.37185	1.37185	4.29417	16.3932	3.39337	1
cg10330024	0.578628	1.4462	1.4462	0.615645	0.716863	-1.39497	0.00222384	16.7395	16.7395	0.376852	1.81545	1.81545	3.96011	27.1228	6.08799	1
cg11062079	6.44E-05	0.0923829	-10.8245	6.10E-06	0.0374424	-26.7077	0.000384	0.159174	-6.28242	0.0108752	0.354565	-2.82036	21.2208	35.3409	1.48035	1
cg14011845	0.00014028	0.16217	-6.16638	0.015181	0.438101	-2.28258	0.0435045	0.52604	-1.901	0.0576843	0.55217	-1.81104	9.23219	11.1958	1.07794	1
cg03969651	0.519552	1.10092	1.10092	0.00129619	1.994	1.994	0.576387	1.08667	1.08667	0.225287	1.20629	1.20629	4.93015	1.69342	0.305317	1
cg07389611	0.0455554	0.493019	-2.02832	0.00636034	0.334378	-2.99063	0.1198	0.59418	-1.68299	0.717846	0.894113	-1.11843	4.8845	7.35954	1.3393	1
cg26881527	0.0166974	0.716058	-1.39653	0.965105	0.995012	-1.00501	0.887675	1.01629	1.01629	0.304534	1.12924	1.12924	4.84642	1.00297	0.183956	1
cg27243700	0.0106328	0.119727	-8.35232	0.00220229	0.0586565	-17.0484	0.020134	0.156882	-6.37422	0.962366	0.969302	-1.03167	4.61328	31.9021	6.14692	1
cg18223453	0.0355401	0.336986	-2.96748	0.00656247	0.208184	-4.80344	0.0131774	0.255118	-3.91975	0.433411	0.700956	-1.42662	3.42502	10.7167	2.78128	1
cg16559598	0.548039	0.782599	-1.27779	0.0202225	0.32325	-3.09358	7.08E-05	18.5917	18.5917	0.252496	0.617525	-1.61937	27.705	71.3615	2.28957	1
cg16605327	0.162934	0.716432	-1.39581	0.000702926	3.17904	3.17904	2.02E-06	13.8093	13.8093	0.454722	1.18589	1.18589	21.0238	16.6924	0.705757	1
cg03843000	0.31148	0.764413	-1.30819	0.0100161	0.43426	-2.30277	6.36E-06	13.2574	13.2574	0.497029	0.837853	-1.19353	15.37	16.0232	0.926668	1
cg26196480	0.240779	1.78252	1.78252	0.0646266	2.65636	2.65636	0.00119864	9.33654	9.33654	0.0672743	0.38091	-2.62529	13.3862	46.969	3.1189	1
cg23827572	0.00513454	0.285398	-3.50388	0.0807479	0.518442	-1.92886	5.27E-05	12.9615	12.9615	0.166149	0.606008	-1.65014	12.2605	19.8596	1.6198	1
cg17645823	0.252186	0.705421	-1.41759	0.0221749	0.44932	-2.22558	0.000358776	5.31419	5.31419	0.149879	0.637388	-1.5689	9.0886	12.2513	1.19821	1
cg16458436	0.205453	0.505171	-1.97953	0.0117802	0.20028	-4.993	0.00638495	6.13667	6.13667	0.341548	0.605931	-1.65035	6.06986	25.1213	3.67884	1
cg14431443	0.396818	0.798859	-1.25179	0.228256	0.720857	-1.38724	0.00101186	3.53354	3.53354	0.477414	0.82947	-1.20559	5.0137	5.31947	0.943098	1
cg05769349	0.605849	1.28949	1.28949	0.0233295	0.266114	-3.75779	0.00141294	9.55502	9.55502	0.494038	0.712322	-1.40386	4.42358	16.7146	3.35869	1
cg12670347	0.380971	0.474034	-2.10956	0.00444713	0.0427487	-23.3925	0.126307	3.95091	3.95091	0.115636	0.241538	-4.14013	3.79221	41.444	9.71443	1
cg10281002	0.451935	0.608346	-1.6438	0.0291097	0.188662	-5.30049	0.00383571	12.5232	12.5232	0.470563	0.621228	-1.60972	3.49859	23.3059	5.92135	1
cg08985029	0.658545	1.09503	1.09503	0.0640978	1.52913	1.52913	8.12E-07	14.8002	14.8002	0.0477949	1.58712	1.58712	28.0681	18.5201	0.586514	1
cg02011607	0.0352448	0.268167	-3.72902	0.0025303	0.105446	-9.48352	0.00818812	0.162698	-6.14635	0.0334303	0.263472	-3.79547	5.80766	26.4932	4.05491	1
cg08318726	0.0608995	0.184254	-5.4273	0.00105048	0.0206191	-48.4986	0.81016	1.2125	1.2125	0.00855644	0.0681691	-14.6694	5.35443	54.3632	9.02483	1
cg14264795	0.0160898	0.173996	-5.74725	0.00148622	0.0658186	-15.1933	0.821852	0.874682	-1.14327	0.0530388	0.271112	-3.68851	4.36035	24.3422	4.96233	1
cg16805360	0.026652	0.126679	-7.89394	0.00231362	0.035165	-28.4374	0.975774	0.976398	-1.02417	0.100434	0.242808	-4.11849	3.79258	37.1606	8.70956	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04002444	TBX5;TBX5;TBX5;TBX5	0.000152702	0.000111381	4.20493	4.20493	0.623702	0.900766	-1.11017	0.37034	1.21462	1.21462	0.739539	1.07306	1.07306	0.450984	1.17624	1.17624
cg14214262	TBX5;TBX5;TBX5;TBX5	0.000798307	0.320243	0.70453	-1.41939	0.000197212	8.44444	8.44444	0.0207812	2.58326	2.58326	0.96128	1.01669	1.01669	0.437963	1.30969	1.30969
cg16249035	TBX5;TBX5;TBX5;TBX5	0.00142288	0.222899	1.22089	1.22089	0.269913	1.19605	1.19605	0.0369393	1.45877	1.45877	0.39991	1.14371	1.14371	0.691072	1.06422	1.06422
cg25079102	TBX5;TBX5;TBX5;TBX5	0.00353268	0.195873	0.685316	-1.45918	0.0288778	2.03773	2.03773	0.890921	1.03864	1.03864	0.659153	1.13047	1.13047	0.429556	1.24954	1.24954
cg14126466	TBX5;TBX5;TBX5;TBX5	0.00590233	0.00989547	0.0947233	-10.5571	0.0014917	0.0364394	-27.4428	0.0449409	0.189341	-5.28147	0.0217017	0.1363	-7.33677	0.0742757	0.237335	-4.21345
cg18692678	TBX5;TBX5;TBX5;TBX5	0.00757368	0.479847	0.654698	-1.52742	0.221101	0.468339	-2.13521	0.282878	0.517864	-1.93101	0.0678964	0.29941	-3.3399	0.213322	0.461693	-2.16594
cg20875159	TBX5;TBX5;TBX5;TBX5	0.00945318	0.0312769	1.2401	1.2401	0.215812	1.11733	1.11733	0.596177	1.0466	1.0466	0.0530291	1.20591	1.20591	0.154583	1.13856	1.13856
cg25556579	TBX5;TBX5;TBX5;TBX5	0.0135131	0.21668	0.528455	-1.89231	0.00581478	0.169956	-5.88386	0.159416	0.478199	-2.09118	0.239369	0.546343	-1.83035	0.0590082	0.351301	-2.84656
cg18173058	TBX5;TBX5;TBX5;TBX5	0.0136905	0.0878504	0.275251	-3.63304	0.700564	1.30293	1.30293	0.235307	0.426653	-2.34382	0.131401	0.327815	-3.0505	0.0669954	0.245112	-4.07976
cg09233651	TBX5;TBX5;TBX5;TBX5	0.0194776	0.572945	1.52435	1.52435	0.855542	1.14439	1.14439	0.28639	0.440721	-2.26901	0.102713	0.266766	-3.7486	0.141624	0.310475	-3.22087
cg00590029	TBX5;TBX5;TBX5;TBX5	0.0210251	0.0250699	3.16247	3.16247	0.0511017	0.383001	-2.61096	0.667407	0.829646	-1.20533	0.377153	1.47919	1.47919	0.815569	0.903989	-1.10621
cg07658357	TBX5;TBX5;TBX5;TBX5	0.021031	0.0374836	3.65062	3.65062	0.00308931	8.77574	8.77574	0.322197	1.73074	1.73074	0.680684	0.800944	-1.24853	0.665164	0.791701	-1.2631
cg02712224	TBX5;TBX5;TBX5;TBX5	0.0302443	0.24193	0.57932	-1.72616	0.395074	1.47436	1.47436	0.509894	1.34709	1.34709	0.55239	0.764971	-1.30724	0.474742	0.723257	-1.38263
cg09042277	TBX5;TBX5;TBX5;TBX5	0.0348937	0.0201424	6.90447	6.90447	0.966937	0.971831	-1.02899	0.17762	2.68486	2.68486	0.0568907	4.41706	4.41706	0.217968	0.409278	-2.44333
cg18689332	TBX5;TBX5;TBX5;TBX5	0.0451795	0.671845	1.26213	1.26213	0.0357218	3.80116	3.80116	0.1481	2.33424	2.33424	0.677345	1.25686	1.25686	0.175223	0.454906	-2.19825
cg05676562	TBX6	0.00343158	0.00729177	0.475867	-2.10143	0.024986	0.564166	-1.77253	0.0142159	0.522515	-1.91382	0.205837	1.33163	1.33163	0.000290193	0.281292	-3.55503
cg07249224	TBX6	0.00805049	0.0828087	0.704426	-1.4196	0.759743	0.945587	-1.05754	0.149492	0.754358	-1.32563	0.0197426	0.598364	-1.67122	0.000123117	0.294687	-3.39343
cg26613239	TBX6	0.0262807	0.111846	0.667178	-1.49885	0.00830654	0.454481	-2.20031	0.0113828	0.476909	-2.09683	0.0252951	0.53708	-1.86192	0.026859	0.54182	-1.84563
cg05806717	TBX6	0.0389344	0.631575	1.13422	1.13422	0.764671	1.0814	1.0814	0.171439	1.46164	1.46164	0.107198	1.58152	1.58152	0.0511389	0.560458	-1.78425
cg24301824	TBXA2R;TBXA2R	1.59E-05	0.0023194	0.508702	-1.96579	0.000659999	2.29045	2.29045	0.00349071	1.87691	1.87691	3.94E-05	0.286687	-3.48813	1.21E-05	0.23023	-4.34348
cg21221840	TBXA2R;TBXA2R	1.90E-05	3.52E-05	0.0883811	-11.3146	1.61E-05	14.8906	14.8906	0.796222	1.08175	1.08175	0.267992	1.41958	1.41958	1.67E-05	0.0681855	-14.6659
cg14938419	TBXA2R;TBXA2R	2.93E-05	0.000867343	0.259221	-3.85771	0.00103088	3.71921	3.71921	0.728108	1.09886	1.09886	0.435933	0.806778	-1.2395	1.83E-05	0.0943651	-10.5971
cg17103088	TBXA2R;TBXA2R	0.000120129	4.04E-05	0.066105	-15.1275	0.260271	1.50222	1.50222	0.611485	1.19426	1.19426	0.0585877	2.09691	2.09691	1.30E-05	0.0419887	-23.8159
cg23914380	TBXA2R;TBXA2R	0.000188043	0.000960728	0.263014	-3.80208	0.000105986	6.41576	6.41576	0.00233879	3.17025	3.17025	0.00424449	2.82754	2.82754	0.0412932	0.527667	-1.89514
cg04948286	TBXA2R;TBXA2R	0.000388365	0.000732127	0.162917	-6.13809	0.00122412	5.3234	5.3234	0.60609	0.832033	-1.20188	0.140658	1.75112	1.75112	0.000140834	0.098012	-10.2028
cg26665507	TBXA2R;TBXA2R	0.001038	0.171071	0.645874	-1.54829	0.0748034	1.81346	1.81346	0.287081	0.717806	-1.39314	0.021156	0.435432	-2.29657	1.85E-05	0.0730121	-13.6964
cg01209635	TBXA2R;TBXA2R	0.00224025	0.0267509	1.5455	1.5455	0.971901	1.00586	1.00586	0.0735743	1.39222	1.39222	0.0455934	1.46266	1.46266	0.0264247	0.646216	-1.54747
cg25307468	TBXA2R;TBXA2R	0.00404011	0.397524	1.22249	1.22249	0.00149767	2.89044	2.89044	0.768454	0.933831	-1.07086	0.00640374	0.439299	-2.27635	0.0025318	0.378357	-2.64301
cg05343404	TBXA2R;TBXA2R	0.00577759	0.592357	1.13593	1.13593	0.00155187	0.341957	-2.92434	0.772501	0.933925	-1.07075	0.018331	0.509137	-1.96411	0.762058	1.07424	1.07424
cg06434709	TBXA2R;TBXA2R	0.0110318	0.0270486	0.343514	-2.91109	0.578716	0.795353	-1.2573	0.273523	0.628027	-1.59229	0.0902493	0.466675	-2.14282	0.000610076	0.115832	-8.63316
cg10458392	TBXA2R;TBXA2R	0.0208595	0.27589	0.872777	-1.14577	0.0872859	1.25439	1.25439	0.665776	0.949164	-1.05356	0.992919	1.00107	1.00107	0.956561	0.993482	-1.00656
cg19225308	TBXA2R;TBXA2R	0.0459578	0.927715	1.01742	1.01742	0.71424	1.07252	1.07252	0.0020616	2.28463	2.28463	0.88613	1.02765	1.02765	0.216545	0.780715	-1.28088
cg26407309	TBXAS1;HIPK2;HIPK2;TBXAS1	0.00319322	0.0480673	0.583267	-1.71448	0.0546554	0.594472	-1.68216	0.0245822	0.527914	-1.89425	0.643386	0.894727	-1.11766	0.000238304	0.234131	-4.27112
cg00445997	TBXAS1;HIPK2;HIPK2;TBXAS1	0.0213393	0.334202	0.838111	-1.19316	0.0419904	1.51518	1.51518	0.00427273	0.507736	-1.96953	0.913426	0.980901	-1.01947	0.0605865	0.687181	-1.45522
cg07590004	TBXAS1;TBXAS1	0.0389707	0.471929	1.16232	1.16232	0.111151	0.699935	-1.4287	0.0110601	0.519399	-1.9253	0.495087	0.867259	-1.15306	0.767325	1.0629	1.0629
cg09658576	TBXAS1;TBXAS1;HIPK2;HIPK2	0.0402128	0.151408	0.731034	-1.36792	0.450735	0.855027	-1.16955	0.909053	0.976979	-1.02356	0.226044	1.29576	1.29576	0.502138	0.87038	-1.14892
cg06750564	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	9.67E-06	0.0247199	0.690765	-1.44767	7.00E-07	0.155366	-6.43643	0.0013481	0.525055	-1.90456	0.0281243	0.698532	-1.43157	1.90E-06	0.195068	-5.12643
cg23022819	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.000161093	0.121499	0.853661	-1.17142	0.071004	1.20936	1.20936	0.00221175	0.667503	-1.49812	0.0392455	1.2521	1.2521	1.48E-05	0.4286	-2.33318
cg23625084	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.000409491	0.274283	1.57967	1.57967	0.363207	1.45585	1.45585	0.00997233	0.270402	-3.6982	0.715633	1.15841	1.15841	0.000737873	0.127392	-7.84979
cg23759823	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.00276916	0.0630535	0.598476	-1.67091	0.404546	1.23294	1.23294	0.469112	1.19821	1.19821	0.0110654	0.457358	-2.18647	0.00126881	0.315186	-3.17273
cg19677733	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0119426	0.0141548	0.429298	-2.32938	0.187089	1.47784	1.47784	0.0347105	0.502756	-1.98904	0.0293065	0.488153	-2.04854	0.00261962	0.312287	-3.20219
cg09972052	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0131042	0.0166086	0.39327	-2.54278	0.183851	0.637747	-1.56802	0.0148395	0.384353	-2.60178	0.0172449	0.396282	-2.52345	0.000834623	0.201042	-4.97408
cg03764092	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0297394	0.708479	0.72594	-1.37752	0.963278	1.04004	1.04004	0.061854	0.166423	-6.0088	0.979485	1.02217	1.02217	0.00412976	0.0376395	-26.5678
cg12104698	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0389405	0.439618	0.888133	-1.12596	0.433803	1.12773	1.12773	0.012788	0.627836	-1.59277	0.242561	0.831874	-1.20211	0.00874728	0.6049	-1.65317
cg08796342	TC2N	0.00142752	0.00984923	0.618737	-1.6162	0.000603309	2.17812	2.17812	0.853012	1.02767	1.02767	0.0577105	0.72919	-1.37139	0.207104	1.21628	1.21628
cg04794141	TC2N	0.00275081	0.00984158	0.457776	-2.18447	0.636491	0.892244	-1.12077	0.00494058	0.410004	-2.439	0.00102549	0.311757	-3.20762	0.00109259	0.315449	-3.17009
cg20496526	TC2N	0.0229324	0.058295	1.49578	1.49578	0.00840098	0.530731	-1.88419	0.0404018	0.640507	-1.56126	0.18133	0.765652	-1.30608	0.66045	1.08674	1.08674
cg27292977	TC2N	0.0451445	0.871096	1.04446	1.04446	0.015318	2.21956	2.21956	0.788875	0.930639	-1.07453	0.357182	1.2887	1.2887	0.099208	1.62269	1.62269
cg07122905	TC2N;TC2N	0.0305732	0.595791	1.10894	1.10894	0.00260207	2.23826	2.23826	0.0792099	1.457	1.457	0.0337383	0.619456	-1.61432	0.916052	1.02057	1.02057
cg03022926	TC2N;TC2N;TC2N	0.00195718	0.0617786	0.581084	-1.72092	0.000688461	0.262543	-3.8089	0.0251097	0.502833	-1.98873	0.785853	1.07281	1.07281	9.07E-05	0.164338	-6.08501
cg10202544	TC2N;TC2N;TC2N	0.00774577	0.247786	0.838715	-1.1923	0.0198675	0.664144	-1.5057	0.950752	0.99105	-1.00903	0.862759	1.02551	1.02551	0.000587734	0.461586	-2.16644
cg10150902	TC2N;TC2N;TC2N	0.0166855	0.0833227	0.492772	-2.02934	0.49391	1.29236	1.29236	0.129525	1.83062	1.83062	0.709646	1.14806	1.14806	0.000619652	0.143028	-6.99162
cg09373136	TCAM1	1.06E-05	1.23E-05	0.0873653	-11.4462	1.31E-05	0.0889997	-11.236	7.53E-05	0.149558	-6.68635	0.000162621	0.182359	-5.48368	5.16E-06	0.0646058	-15.4785
cg17843208	TCAM1	0.0121984	0.0410141	0.663758	-1.50657	0.000755424	0.41159	-2.4296	0.844096	1.03481	1.03481	0.496878	0.88702	-1.12737	0.0178078	0.606106	-1.64988
cg04006303	TCAM1	0.0183784	0.0662613	0.691002	-1.44717	0.118172	1.35579	1.35579	0.0233692	0.615028	-1.62594	0.630259	0.916658	-1.09092	0.00568985	0.521674	-1.91691
cg08345719	TCAP	0.0176695	0.369996	0.78242	-1.27809	0.13051	1.54531	1.54531	0.461733	1.22102	1.22102	0.0561697	1.77966	1.77966	0.317543	0.759298	-1.31701
cg08312355	TCAP	0.0230658	0.0140048	0.48173	-2.07585	0.340612	0.789469	-1.26667	0.128339	0.673224	-1.48539	0.412776	1.22331	1.22331	0.142015	0.68386	-1.46229
cg10986043	TCAP	0.0348441	0.00679808	0.602569	-1.65956	0.51467	0.908978	-1.10014	0.686301	0.943042	-1.0604	0.0637773	1.35118	1.35118	0.0732551	0.749376	-1.33444
cg10535845	TCAP	0.0379098	0.20905	0.684114	-1.46174	0.427137	0.792586	-1.26169	0.304316	1.35662	1.35662	0.409318	1.27371	1.27371	0.0105302	0.397431	-2.51616
cg12277366	TCEA1;TCEA1	0.000637576	0.0157981	0.504065	-1.98387	0.199042	0.730241	-1.36941	0.0259074	0.541918	-1.8453	0.00209074	0.366752	-2.72664	0.000336102	0.261985	-3.81702
cg11530293	TCEA1;TCEA1	0.000908496	0.000469482	0.582881	-1.71562	0.00213126	1.52772	1.52772	0.34017	1.10133	1.10133	0.0035036	0.677809	-1.47534	0.253381	0.889471	-1.12426
cg12850379	TCEA1;TCEA1	0.0267467	0.0711159	4.02849	4.02849	0.0275856	6.05351	6.05351	0.333112	1.9938	1.9938	0.182848	2.6564	2.6564	0.142229	0.336071	-2.97556
cg01677098	TCEA1;TCEA1	0.0414637	0.206676	0.487849	-2.04982	0.00200218	0.0953188	-10.4911	0.121268	2.4729	2.4729	0.673191	1.25687	1.25687	0.814956	0.88131	-1.13467
cg01293143	TCEA2	0.00214847	0.00155183	0.619336	-1.61463	0.203858	1.15165	1.15165	0.0930614	0.823215	-1.21475	0.433521	1.08779	1.08779	7.29E-05	0.467682	-2.13821
cg27598208	TCEA2	0.00309447	0.0962079	1.25173	1.25173	0.000122841	0.438837	-2.27875	0.181303	0.839935	-1.19057	0.125517	0.815632	-1.22604	0.00148878	0.569422	-1.75617
cg18813881	TCEA2	0.00335829	0.29517	1.21836	1.21836	0.0811317	1.42162	1.42162	0.00645957	0.52505	-1.90458	0.00754592	0.535054	-1.86897	0.456153	1.14806	1.14806
cg15122985	TCEA2	0.0145424	0.0165254	0.490583	-2.03839	0.0822266	0.626116	-1.59715	0.0481358	0.577363	-1.73201	0.819413	0.945907	-1.05719	0.0115479	0.463879	-2.15573
cg15004136	TCEA2	0.0496452	0.640433	0.769142	-1.30015	0.00582575	0.133362	-7.49838	0.0137487	0.182764	-5.47153	0.210757	0.479142	-2.08706	0.0216254	0.214624	-4.65932
cg10494860	TCEA2;TCEA2	0.000350076	0.000340616	0.310318	-3.2225	0.00207025	2.40968	2.40968	0.987228	0.996759	-1.00325	0.000340222	3.22315	3.22315	0.133157	0.719975	-1.38894
cg27370028	TCEA2;TCEA2	0.000416318	0.940758	1.00811	1.00811	0.00141891	1.65176	1.65176	0.517958	0.931247	-1.07383	2.01E-05	2.55443	2.55443	0.453531	0.92037	-1.08652
cg02105691	TCEA2;TCEA2	0.00106314	0.994057	1.00175	1.00175	0.00627523	2.30216	2.30216	0.000144479	4.63183	4.63183	0.245069	0.75221	-1.32942	0.791411	0.939814	-1.06404
cg20316542	TCEA2;TCEA2	0.0012332	0.00170587	0.58348	-1.71386	0.00030428	0.493729	-2.0254	0.76762	0.964992	-1.03628	0.182441	0.843521	-1.18551	0.130995	1.21665	1.21665
cg15873959	TCEA2;TCEA2	0.00198139	4.53E-05	0.0836426	-11.9556	0.170221	1.59972	1.59972	0.622547	0.852497	-1.17302	0.681821	1.14178	1.14178	0.0912396	1.81899	1.81899
cg20524040	TCEA2;TCEA2	0.00455716	0.00507524	2.71895	2.71895	0.0208562	2.11886	2.11886	0.0918007	1.65071	1.65071	0.210949	1.42745	1.42745	0.0143098	2.2604	2.2604
cg15771683	TCEA2;TCEA2	0.00613145	0.438318	1.20773	1.20773	0.00834507	2.23632	2.23632	0.786667	0.937285	-1.06691	0.350719	0.795071	-1.25775	0.00285392	0.375236	-2.66499
cg04956806	TCEA2;TCEA2	0.0075401	0.0050233	0.307026	-3.25705	0.012243	0.370506	-2.69901	0.00425153	0.296041	-3.37791	0.470101	0.791526	-1.26338	0.0044475	0.298982	-3.34468
cg03173827	TCEA2;TCEA2	0.00866395	0.0356475	2.4045	2.4045	0.00382234	4.0519	4.0519	0.0059486	3.6345	3.6345	0.192675	1.63998	1.63998	0.484539	1.29029	1.29029
cg11015356	TCEA2;TCEA2	0.00971836	0.0114541	0.678809	-1.47317	0.145602	1.21086	1.21086	0.933782	0.989876	-1.01023	0.0548439	0.765937	-1.30559	0.000631081	0.525595	-1.90261
cg00237512	TCEA2;TCEA2	0.0120154	0.0557555	2.38239	2.38239	0.00745781	3.97477	3.97477	0.179208	1.77088	1.77088	0.216627	1.68326	1.68326	0.344913	1.47645	1.47645
cg09990613	TCEA2;TCEA2	0.0257908	0.0149632	3.41153	3.41153	0.00538541	4.49476	4.49476	0.013165	3.52843	3.52843	0.588078	1.25145	1.25145	0.621395	1.22654	1.22654
cg01015663	TCEA3	1.33E-06	6.00E-07	0.211845	-4.72042	0.00570429	0.663807	-1.50646	2.76E-05	0.393029	-2.54434	8.02E-07	0.224339	-4.45754	0.00520151	0.659126	-1.51716
cg27183435	TCEA3	0.000569547	0.231692	0.75407	-1.32614	0.0892264	0.655925	-1.52456	0.000363219	0.276377	-3.61824	0.171954	0.720948	-1.38706	0.00165077	0.362935	-2.75532
cg26299174	TCEA3	0.00199852	0.119931	1.59925	1.59925	0.0326183	2.00562	2.00562	0.0982225	1.6566	1.6566	0.108191	1.62867	1.62867	0.494395	0.824378	-1.21304
cg12692722	TCEA3	0.00399662	0.277812	1.53593	1.53593	0.0749863	2.1255	2.1255	0.0976378	1.99584	1.99584	0.100529	1.98192	1.98192	0.235968	0.623609	-1.60357
cg12621203	TCEA3	0.00728147	0.0661271	5.55792	5.55792	0.000723584	72.1597	72.1597	0.00516205	21.6031	21.6031	0.0811091	4.99873	4.99873	0.274427	2.57605	2.57605
cg23651976	TCEA3	0.01714	0.0466745	0.134663	-7.42597	0.0059438	0.0421534	-23.7229	0.00929025	0.0547457	-18.2663	0.0761207	0.176014	-5.68136	0.0283811	0.102536	-9.75271
cg06033387	TCEA3	0.0243836	0.443587	1.55852	1.55852	0.00548806	7.95806	7.95806	0.0350036	4.03721	4.03721	0.158119	2.35656	2.35656	0.0629252	0.304668	-3.28226
cg07356011	TCEA3	0.0250668	0.0439324	11.5736	11.5736	0.00733065	38.7012	38.7012	0.0331987	13.915	13.915	0.10413	6.54755	6.54755	0.0648664	8.95932	8.95932
cg07820742	TCEA3	0.0354485	0.248893	2.45059	2.45059	0.00792101	12.5862	12.5862	0.0744544	4.38426	4.38426	0.10893	3.66992	3.66992	0.150481	0.317854	-3.1461
cg24451422	TCEA3;TCEA3	0.0143461	0.0430929	5.6899	5.6899	0.0239295	7.48458	7.48458	0.0786531	4.30208	4.30208	0.0602252	4.87141	4.87141	0.399728	0.525179	-1.90411
cg06177627	TCEA3;TCEA3	0.0422186	0.0918261	4.31174	4.31174	0.0401183	6.47157	6.47157	0.0852576	4.47284	4.47284	0.0631107	5.18534	5.18534	0.660758	0.706303	-1.41582
cg07736389	TCEA3;TCEA3	0.0442705	0.0895141	3.29603	3.29603	0.033727	4.85441	4.85441	0.0703944	3.62723	3.62723	0.140073	2.74954	2.74954	0.633611	0.736431	-1.3579
cg26785999	TCEAL1;TCEAL1;TCEAL1	4.61E-05	0.0543622	0.63046	-1.58614	0.169797	0.73418	-1.36206	0.623373	1.11025	1.11025	0.47264	0.856966	-1.16691	0.00227198	2.46486	2.46486
cg01112232	TCEAL2	0.0352252	0.0331796	0.244068	-4.09722	0.0034983	0.106048	-9.42966	0.57832	0.727581	-1.37442	0.537037	0.701848	-1.42481	0.0104642	0.161176	-6.2044
cg27647594	TCEAL2	0.0371051	0.0316447	0.352398	-2.8377	0.0285385	0.343112	-2.9145	0.389353	0.694074	-1.44077	0.539281	0.773136	-1.29343	0.0351585	0.362099	-2.76168
cg17003204	TCEAL3;TCEAL3	1.41E-05	0.741119	1.03953	1.03953	2.68E-05	0.379144	-2.63752	0.00154791	0.587203	-1.70299	0.00253128	1.63259	1.63259	0.00108988	0.569144	-1.75703
cg20425266	TCEAL3;TCEAL3	0.00147188	0.033425	0.536264	-1.86475	0.240242	0.734707	-1.36109	0.774182	0.930416	-1.07479	0.00353787	0.371102	-2.69468	6.31E-05	0.157793	-6.33743
cg12176022	TCEAL3;TCEAL3	0.00948078	0.106776	0.500869	-1.99653	0.446555	0.737393	-1.35613	0.702777	1.16245	1.16245	0.138568	0.534687	-1.87025	0.00295573	0.201452	-4.96396
cg24648715	TCEAL3;TCEAL3	0.0192872	0.0687633	0.386831	-2.58511	0.127258	0.463496	-2.15752	0.0458818	2.90669	2.90669	0.00158626	8.2815	8.2815	0.78466	1.13622	1.13622
cg14694234	TCEAL4;TCEAL4;TCEAL4;TCEAL4	0.00412015	0.416828	0.733659	-1.36303	0.386102	0.717761	-1.39322	0.177825	0.585993	-1.7065	0.827111	0.921604	-1.08506	9.98E-05	0.0760506	-13.1491
cg09687634	TCEAL4;TCEAL4;TCEAL4;TCEAL4	0.0106935	0.843484	0.929373	-1.07599	0.6372	0.8386	-1.19246	0.710927	0.871156	-1.1479	0.258952	1.54712	1.54712	0.000188206	0.0968912	-10.3209
cg08328842	TCEAL4;TCEAL4;TCEAL4;TCEAL4	0.044875	0.439333	0.793766	-1.25982	0.845108	0.944332	-1.05895	0.337418	1.3359	1.3359	0.74095	1.10203	1.10203	0.00310294	0.305795	-3.27017
cg18459957	TCEAL6	0.00569283	0.0732163	0.265839	-3.76167	0.176244	0.385397	-2.59473	0.893826	1.09259	1.09259	0.413401	1.74109	1.74109	0.667573	0.75087	-1.33179
cg24707688	TCEAL6	0.0199556	0.223367	0.453092	-2.20706	0.309798	0.521857	-1.91623	0.702324	0.788503	-1.26823	0.0771984	3.37302	3.37302	0.424085	1.65728	1.65728
cg09361477	TCEAL6	0.0245602	0.00133741	0.226472	-4.41556	0.29565	0.707914	-1.4126	0.957353	1.01718	1.01718	0.128654	0.592693	-1.68722	0.00764147	0.335448	-2.98109
cg04069100	TCEAL7	0.00837979	0.0289185	2.38116	2.38116	0.0190213	0.384313	-2.60205	0.159616	0.602785	-1.65897	0.00457024	0.280289	-3.56775	0.00166833	0.219917	-4.54716
cg14179628	TCEAL7	0.0457482	0.132804	0.554265	-1.80419	0.130797	0.552298	-1.81062	0.234463	0.635419	-1.57377	0.221078	1.59687	1.59687	0.0142417	0.33284	-3.00445
cg04769341	TCEAL7;TCEAL7	0.042504	0.494115	0.808962	-1.23615	0.00407425	0.308165	-3.24502	0.618217	0.857784	-1.16579	0.120807	1.67142	1.67142	0.0623852	0.527071	-1.89728
cg17964575	TCEANC	0.00256931	0.000799813	0.284478	-3.51521	0.602293	0.877602	-1.13947	0.321874	0.775586	-1.28935	0.120679	1.51887	1.51887	0.453491	0.827265	-1.2088
cg02989381	TCEANC	0.00279478	0.00144586	0.114828	-8.70871	0.0872304	0.411574	-2.4297	0.0435395	0.335818	-2.9778	0.04874	0.347064	-2.88132	0.00738301	0.197313	-5.06809
cg08098127	TCEANC	0.0167653	0.477031	1.15669	1.15669	0.000543356	2.95123	2.95123	0.0222415	1.73618	1.73618	0.465374	0.861077	-1.16134	0.0868864	1.46324	1.46324
cg13568559	TCEANC	0.0294664	0.746299	0.757719	-1.31975	0.212117	0.325194	-3.07509	0.960453	1.04329	1.04329	0.322631	0.417612	-2.39457	0.000905386	0.0143689	-69.5949
cg24662926	TCEANC	0.0435686	0.45266	1.14647	1.14647	0.337347	1.1933	1.1933	0.0152257	1.70324	1.70324	0.372634	0.849141	-1.17766	0.23866	1.24669	1.24669
cg01232717	TCEB1	2.51E-05	0.000357132	0.33919	-2.9482	0.0404543	0.639803	-1.56298	0.00450882	0.489517	-2.04283	0.000691856	0.376369	-2.65697	5.12E-07	0.0710144	-14.0817
cg17186373	TCEB1	7.59E-05	?	?	?	0.00185039	2.32982	2.32982	0.546951	1.11661	1.11661	0.214871	0.788446	-1.26832	0.00511847	0.497053	-2.01186
cg00033457	TCEB1	0.00108942	0.194849	0.730966	-1.36805	0.0221581	0.517997	-1.93051	0.0155517	0.487683	-2.05051	0.972581	0.992334	-1.00773	?	?	?
cg06060338	TCEB1	0.010445	0.677729	1.06195	1.06195	0.363394	0.874281	-1.1438	0.0107142	1.58613	1.58613	0.062605	1.35172	1.35172	0.0880168	0.76278	-1.31099
cg05751979	TCEB1	0.0111274	0.472063	0.87378	-1.14445	0.0065073	1.91998	1.91998	0.0428133	1.53734	1.53734	0.293426	1.22267	1.22267	0.00327456	0.477437	-2.09452
cg22809411	TCEB1	0.0192392	0.141072	1.72828	1.72828	0.415488	0.750008	-1.33332	0.838269	0.931798	-1.07319	0.000459219	0.148607	-6.72917	0.308628	1.43937	1.43937
cg00837765	TCEB1	0.0376527	0.57784	1.11358	1.11358	0.0433712	1.55983	1.55983	0.390066	1.18356	1.18356	0.797588	0.952011	-1.05041	0.993199	0.99837	-1.00163
cg06216428	TCEB2;TCEB2	0.0019215	0.0731625	1.43706	1.43706	0.000317162	2.88149	2.88149	0.753164	1.05891	1.05891	0.0179572	1.68504	1.68504	0.313016	0.827489	-1.20847
cg09936037	TCEB2;TCEB2	0.0219617	0.53659	0.867051	-1.15333	0.876978	1.03595	1.03595	0.414235	1.20958	1.20958	0.122272	1.4649	1.4649	0.00744153	0.455768	-2.1941
cg04615771	TCEB2;TCEB2	0.0281881	0.734991	0.950678	-1.05188	0.181917	0.809822	-1.23484	0.547534	1.09484	1.09484	0.013356	1.57815	1.57815	0.340169	1.1576	1.1576
cg07059052	TCEB2;TCEB2	0.0293915	0.124839	0.508682	-1.96587	0.517734	0.765828	-1.30578	0.265287	0.623568	-1.60368	0.0128286	3.51609	3.51609	0.0456491	0.393652	-2.54031
cg16579893	TCEB3	0.000256875	0.000751189	0.149733	-6.67854	0.000560436	7.29548	7.29548	0.0001198	12.1575	12.1575	0.906656	0.957365	-1.04453	0.075157	0.479016	-2.08761
cg17020154	TCEB3	0.00110912	0.00130929	0.567224	-1.76297	0.0137231	1.4467	1.4467	0.941815	0.991193	-1.00889	0.0152583	0.696941	-1.43484	0.0652938	0.778206	-1.28501
cg08279092	TCEB3	0.00511868	0.0218529	0.108676	-9.20165	0.013717	0.085589	-11.6837	0.236506	0.367697	-2.71963	0.0442877	0.155111	-6.44699	0.215694	0.349567	-2.86068
cg25880573	TCEB3	0.00652252	0.326223	1.13493	1.13493	0.361384	0.889444	-1.1243	0.0824358	1.27153	1.27153	0.00585061	0.637291	-1.56914	0.000899756	1.85982	1.85982
cg12717729	TCEB3	0.0114245	0.00167031	0.066987	-14.9283	0.593067	0.722984	-1.38316	0.315782	0.535953	-1.86584	0.000899212	0.0503731	-19.8518	0.0543041	0.268962	-3.718
cg20037384	TCEB3	0.021853	0.674001	0.970268	-1.03064	0.0970545	1.13874	1.13874	0.483869	1.05207	1.05207	0.0999872	1.13721	1.13721	0.00444831	1.3109	1.3109
cg22014430	TCEB3	0.0261768	0.106694	2.06798	2.06798	0.0185817	3.2454	3.2454	0.354139	1.48177	1.48177	0.0860894	2.18656	2.18656	0.331816	0.661657	-1.51136
cg07614190	TCEB3B;KATNAL2	0.0131334	0.318264	0.828122	-1.20755	0.000693682	0.388151	-2.57631	0.65594	1.08544	1.08544	0.872253	0.971008	-1.02986	0.627384	1.09355	1.09355
cg13993676	TCEB3B;KATNAL2	0.0227364	0.0243528	0.244888	-4.0835	0.282179	0.556563	-1.79674	0.116247	0.408606	-2.44735	0.0610525	0.330596	-3.02484	0.00796452	0.168023	-5.95156
cg16053920	TCEB3B;TCEB3B;KATNAL2	0.025069	0.410318	1.35542	1.35542	0.0005843	0.146604	-6.82112	0.496141	1.2835	1.2835	0.728718	1.13401	1.13401	0.188181	1.65477	1.65477

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04002444	4.40E-05	5.14042	5.14042	0.0254289	0.570412	-1.75312	4.03E-05	5.24508	5.24508	0.568591	1.12951	1.12951	19.7616	13.9807	0.628861	1
cg14214262	0.20042	0.630539	-1.58594	0.010035	0.330151	-3.02892	0.000170012	8.84793	8.84793	0.901466	1.04314	1.04314	12.5396	23.093	1.63699	1
cg16249035	0.373514	0.867314	-1.15299	0.142392	0.782131	-1.27856	1.78E-05	3.92295	3.92295	0.42625	1.13496	1.13496	10.6399	4.09196	0.341855	1
cg25079102	0.41894	0.795994	-1.25629	0.36612	0.773739	-1.29243	0.000113993	6.49597	6.49597	0.0288679	0.490714	-2.03785	8.1511	9.8531	1.07449	1
cg14126466	0.0231382	0.140335	-7.12582	0.000746207	0.0247034	-40.4803	0.030263	0.158479	-6.30998	0.015109	0.115435	-8.66292	6.97439	57.7653	7.36222	1
cg18692678	0.140946	0.393032	-2.54432	0.00012425	0.0193458	-51.6908	0.470851	1.54126	1.54126	0.0214255	0.195934	-5.10375	6.45421	35.5512	4.8962	1
cg20875159	0.432587	1.07059	1.07059	0.161949	0.880576	-1.13562	0.000228407	1.68453	1.68453	0.132298	1.14836	1.14836	6.01766	0.691253	0.102107	1
cg25556579	0.0389298	0.309482	-3.23121	0.000746067	0.0811937	-12.3162	0.786752	1.1423	1.1423	0.0229551	0.263223	-3.79906	5.36182	20.4417	3.38885	1
cg18173058	0.0493777	0.21526	-4.64554	0.000624693	0.027245	-36.704	0.32596	2.00278	2.00278	0.0156747	0.131538	-7.60237	5.33894	39.6535	6.60198	1
cg09233651	0.0166984	0.115052	-8.69171	0.00108337	0.0281503	-35.5236	0.27925	2.29917	2.29917	0.0632468	0.213084	-4.69299	4.747	41.1793	7.71094	1
cg00590029	0.0437805	0.36744	-2.72153	0.00618618	0.213862	-4.6759	0.0598384	2.50268	2.50268	0.734918	0.863453	-1.15814	4.62514	13.671	2.62738	1
cg07658357	0.762815	1.17627	1.17627	0.00381749	8.10359	8.10359	0.158627	2.24406	2.24406	0.314014	0.572046	-1.74811	4.6247	21.0745	4.05063	1
cg02712224	0.902491	0.946836	-1.05615	0.00723585	4.68608	4.68608	0.00256863	6.44567	6.44567	0.787442	0.886515	-1.12801	4.07507	12.8214	2.7967	1
cg09042277	0.51315	0.633069	-1.57961	0.11687	0.309021	-3.23603	0.00720233	10.9251	10.9251	0.944402	1.04925	1.04925	3.87139	29.137	6.68998	1
cg18689332	0.875409	1.08951	1.08951	0.0428778	0.279909	-3.57259	0.00763568	6.51347	6.51347	0.917128	1.05851	1.05851	3.52027	16.6431	4.20246	1
cg05676562	0.0104824	0.500902	-1.9964	0.55466	1.13683	1.13683	0.0447654	0.609938	-1.63951	0.70878	1.08385	1.08385	8.22221	5.99753	0.648383	1
cg07249224	0.207089	0.784523	-1.27466	0.6548	0.921194	-1.08555	0.135633	0.745761	-1.34091	0.959181	1.00938	1.00938	6.3316	3.33624	0.468372	1
cg26613239	0.0255445	0.537853	-1.85924	0.0647186	0.615744	-1.62405	0.569925	1.14363	1.14363	0.0656666	0.617048	-1.62062	4.28197	3.70479	0.769073	1
cg05806717	0.0211636	2.05963	2.05963	0.0101691	2.32782	2.32782	0.460283	1.21649	1.21649	0.038773	1.86604	1.86604	3.71988	4.00361	0.956688	1
cg24301824	0.000248102	0.382503	-2.61436	0.0572847	1.40729	1.40729	0.00138287	2.08906	2.08906	0.00326899	0.528901	-1.89071	35.9886	14.3862	0.355327	1
cg21221840	0.14086	0.618191	-1.61762	0.021912	0.43389	-2.30473	0.000949072	4.46428	4.46428	0.0168675	0.41261	-2.4236	34.3073	50.099	1.29805	1
cg14938419	0.00106683	0.270814	-3.69257	2.39E-05	0.102703	-9.73683	0.000673807	4.07388	4.07388	0.0138478	0.439739	-2.27408	30.6507	35.4221	1.02726	1
cg17103088	0.119831	1.79473	1.79473	0.698912	1.14419	1.14419	0.627979	1.18439	1.18439	0.00232899	0.229155	-4.36386	21.079	40.0958	1.69082	1
cg23914380	0.370888	1.28344	1.28344	0.00211261	3.23454	3.23454	0.00229032	3.18334	3.18334	0.0266059	0.489828	-2.04153	18.6806	21.823	1.03841	1
cg04948286	0.0611474	0.474299	-2.10838	0.0761955	2.00864	2.00864	0.0111628	3.07823	3.07823	0.051551	0.456844	-2.18893	15.3244	30.3306	1.75932	1
cg26665507	0.0567564	0.523724	-1.9094	0.0310661	0.468057	-2.13649	0.507206	1.22363	1.22363	0.0641287	0.535788	-1.86641	11.6427	16.5896	1.26657	1
cg01209635	0.615785	1.08756	1.08756	0.0248665	0.642145	-1.55728	0.000159686	0.34292	-2.91613	0.80112	0.958995	-1.04276	9.32766	4.06499	0.387377	1
cg25307468	0.674983	0.906833	-1.10274	0.853005	0.957899	-1.04395	0.508475	1.1683	1.1683	0.0162662	0.505895	-1.9767	7.8289	6.66789	0.757068	1
cg05343404	0.111196	0.664187	-1.5056	0.00225599	2.74013	2.74013	0.0448304	0.580972	-1.72125	0.868239	0.961603	-1.03993	7.02045	6.18331	0.782895	1
cg06434709	0.0269038	0.343043	-2.91509	0.00379977	0.203184	-4.92164	0.0601253	0.420783	-2.37652	0.0550126	0.411404	-2.4307	5.72719	15.1156	2.34602	1
cg10458392	0.934743	0.990217	-1.00988	0.000391176	1.97089	1.97089	0.924715	1.01141	1.01141	0.34468	1.12395	1.12395	4.63764	1.05863	0.202905	1
cg19225308	0.0863945	0.697248	-1.43421	0.190052	1.30239	1.30239	0.272089	1.24312	1.24312	0.498411	1.13978	1.13978	3.49779	2.00752	0.510169	1
cg26407309	0.0124286	0.476032	-2.1007	0.00175001	0.344964	-2.89885	0.00692838	0.434419	-2.30193	0.00714045	0.436508	-2.29091	8.40076	7.57405	0.801415	1
cg00445997	0.00840245	0.550506	-1.81651	0.125889	0.745535	-1.34132	0.62758	0.916965	-1.09055	0.108358	0.73302	-1.36422	4.60176	2.29145	0.442624	1
cg07590004	0.256833	1.27545	1.27545	0.00653393	2.0677	2.0677	0.760958	1.06474	1.06474	0.785548	1.05767	1.05767	3.71861	2.48901	0.594968	1
cg09658576	0.0793341	1.48731	1.48731	0.00199264	0.410801	-2.43427	0.836598	1.04299	1.04299	0.439211	1.17444	1.17444	3.67594	2.41837	0.584792	1
cg06750564	6.55E-05	0.36286	-2.75588	0.000717057	0.490432	-2.03902	0.332123	0.870723	-1.14847	0.000133326	0.400018	-2.49988	40.9269	12.4078	0.269485	1
cg23022819	0.00524506	1.41484	1.41484	0.000492336	0.597889	-1.67255	0.163296	0.869156	-1.15054	0.501277	1.06644	1.06644	19.4785	2.74021	0.125048	1
cg23625084	0.480724	0.749696	-1.33387	1.08E-05	0.0230378	-43.4069	0.0815295	0.460257	-2.1727	0.574574	1.25602	1.25602	15.1022	38.6384	2.27419	1
cg23759823	0.0266384	0.524659	-1.906	0.00405862	0.38781	-2.57858	0.00544466	0.407474	-2.45415	0.000963025	0.299126	-3.34308	8.76363	8.3667	0.848629	1
cg19677733	0.0378954	0.510485	-1.95892	0.00698966	0.37741	-2.64964	0.341531	0.760518	-1.31489	0.0742779	0.573767	-1.74287	5.58218	6.89769	1.09837	1
cg09972052	0.0707773	0.525116	-1.90434	0.0172553	0.39633	-2.52315	0.272054	0.694366	-1.44016	0.0488646	0.487909	-2.04956	5.41601	8.73101	1.43296	1
cg03764092	0.153408	0.271567	-3.68234	0.00214307	0.0253018	-39.5229	0.349013	0.439495	-2.27534	0.502805	0.55995	-1.78588	4.09951	47.2132	10.2372	1
cg12104698	0.285916	1.18153	1.18153	0.349301	1.15606	1.15606	0.807101	1.03751	1.03751	0.0357692	0.692309	-1.44444	3.71967	1.33455	0.318917	1
cg08796342	0.709335	0.946387	-1.05665	0.000306327	2.36979	2.36979	0.0731048	1.342	1.342	0.365579	0.872135	-1.14661	10.6299	3.6463	0.304908	1
cg04794141	0.0150746	0.489006	-2.04497	0.186219	0.714887	-1.39882	0.00401108	0.396156	-2.52426	0.00224991	0.35909	-2.78482	8.78088	7.97672	0.807484	1
cg20496526	0.0056967	0.505442	-1.97847	0.454494	1.15415	1.15415	0.453249	0.866083	-1.15462	0.4497	0.865066	-1.15598	4.48941	2.51775	0.498506	1
cg27292977	0.482908	1.21045	1.21045	0.700394	0.901624	-1.10911	0.00551498	0.376415	-2.65664	0.783807	1.07644	1.07644	3.5213	4.00082	1.00994	1
cg07122905	0.0769435	1.46212	1.46212	0.174177	1.32208	1.32208	0.581584	1.11349	1.11349	0.596867	0.90204	-1.1086	4.05943	2.39842	0.52518	1
cg03022926	0.0971746	0.625145	-1.59963	0.624492	1.13577	1.13577	0.0336712	0.527194	-1.89683	0.037555	0.536519	-1.86387	9.70287	10.2335	0.9375	1
cg10202544	0.298806	1.16971	1.16971	0.0539732	1.37497	1.37497	0.0111637	0.629417	-1.58877	0.527441	0.911013	-1.09768	6.40887	2.15067	0.298291	1
cg10150902	0.793139	1.10188	1.10188	0.181452	1.68826	1.68826	0.400332	0.727733	-1.37413	0.354978	1.42089	1.42089	5.00059	10.7936	1.91865	1
cg09373136	8.10E-05	0.152541	-6.55563	6.78E-06	0.0712688	-14.0314	0.0251025	0.494306	-2.02304	0.000318115	0.214012	-4.67264	39.9461	44.2469	0.984591	1
cg17843208	0.652454	0.924233	-1.08198	0.0639745	1.43597	1.43597	0.31092	1.19987	1.19987	0.603575	0.912974	-1.09532	5.5439	2.65223	0.425249	1
cg04006303	0.0176574	0.5958	-1.67842	0.563989	0.900642	-1.11032	0.153455	1.31552	1.31552	0.0463134	0.663953	-1.50613	4.84111	2.46816	0.453186	1
cg08345719	0.0404615	0.532211	-1.87895	0.0923748	0.610382	-1.63832	0.00156081	0.297721	-3.35885	0.895962	0.965733	-1.03548	4.90558	5.51862	0.999973	1
cg08312355	0.0231022	0.520019	-1.92301	0.00447349	0.401512	-2.49058	0.00724659	0.43433	-2.3024	0.462601	0.835277	-1.19721	4.48044	4.11166	0.815724	1
cg10986043	0.0217392	0.67174	-1.48867	0.0505817	0.724853	-1.37959	0.106245	0.775077	-1.29019	0.519637	0.910029	-1.09887	3.87338	1.27978	0.293692	1
cg10535845	0.0480003	0.523061	-1.91182	0.0206019	0.449555	-2.22442	0.0163649	0.431126	-2.31951	0.297645	0.733781	-1.3628	3.7564	4.89011	1.15716	1
cg12277366	0.896219	0.97022	-1.03069	0.506812	1.16885	1.16885	0.796226	0.941811	-1.06178	3.16E-05	0.152794	-6.54475	13.3555	11.3519	0.755538	1
cg11530293	0.00355723	0.678518	-1.4738	0.026674	0.772693	-1.29417	0.0111378	0.731658	-1.36676	0.1358	1.17098	1.17098	12.0906	1.8462	0.135731	1
cg12850379	0.111126	0.301324	-3.31869	0.00750835	10.7857	10.7857	0.0581298	4.39348	4.39348	0.0871675	3.6893	3.6893	4.2557	32.1979	6.72518	1
cg01677098	0.287786	0.551684	-1.81263	0.202408	2.06535	2.06535	0.676524	1.25373	1.25373	0.363292	1.65454	1.65454	3.63459	16.7187	4.08878	1
cg01293143	0.571316	1.06209	1.06209	0.342858	0.902225	-1.10837	0.310345	0.895363	-1.11687	0.139895	0.846	-1.18203	9.4425	1.65787	0.156067	1
cg27598208	0.891175	1.01697	1.01697	0.773103	0.965091	-1.03617	0.374458	0.893998	-1.11857	0.158292	0.830785	-1.20368	8.47967	2.02897	0.212688	1
cg18813881	0.000793372	0.397676	-2.51461	0.275761	1.22908	1.22908	0.0238297	1.63338	1.63338	0.927739	0.983633	-1.01664	8.27543	4.33789	0.465946	1
cg15122985	0.0852771	0.629601	-1.58831	0.00374571	0.38604	-2.5904	0.0100812	0.454021	-2.20254	0.00635648	0.42154	-2.37225	5.23397	4.90251	0.832597	1
cg15004136	0.267138	0.524645	-1.90605	0.0450636	0.277182	-3.60773	0.098659	0.36408	-2.74665	0.423048	0.633452	-1.57865	3.39731	16.7506	4.3827	1
cg10494860	0.00451412	0.464184	-2.15432	0.00649323	0.488009	-2.04914	0.914544	0.978468	-1.02201	0.0177554	0.557338	-1.79424	15.7683	10.2696	0.578917	1
cg27370028	0.935291	0.991214	-1.00886	0.00992791	0.701911	-1.42468	0.00516553	1.49374	1.49374	0.435302	0.917133	-1.09035	15.0335	2.81208	0.166271	1
cg02105691	0.104763	0.66022	-1.51465	0.00066771	0.295412	-3.3851	0.529834	1.16072	1.16072	0.378088	1.23588	1.23588	11.5638	10.0435	0.772026	1
cg20316542	0.202427	0.850573	-1.17568	0.00018019	0.466535	-2.14346	0.0177711	0.707074	-1.41428	0.0615807	0.77629	-1.28818	11.0851	2.53917	0.203611	1
cg15873959	?	?	?	0.0847379	0.541611	-1.84634	0.833393	1.0701	1.0701	0.919103	0.967852	-1.03322	9.88947	14.4034	1.45644	1
cg20524040	0.00426285	2.80826	2.80826	0.00138056	3.49891	3.49891	0.000805368	3.91717	3.91717	0.0576488	1.78537	1.78537	7.54874	8.71647	1.02639	1
cg15771683	0.732435	1.08539	1.08539	0.0188361	0.506957	-1.97256	0.00537065	2.3995	2.3995	0.328708	0.786086	-1.27213	6.89286	6.22303	0.80251	1
cg04956806	0.0415479	0.473461	-2.11211	0.409701	0.764719	-1.30767	0.00436693	0.297787	-3.35811	0.00748085	0.334366	-2.99073	6.4632	10.3615	1.42503	1
cg03173827	0.0137053	2.98504	2.98504	0.00244888	4.53732	4.53732	0.00443086	3.9059	3.9059	0.0689622	2.07549	2.07549	6.18653	12.613	1.81225	1
cg11015356	0.027016	0.725705	-1.37797	0.496547	1.08821	1.08821	0.782012	1.03455	1.03455	0.569553	0.932038	-1.07292	5.96481	1.4165	0.21109	1
cg00237512	0.0486075	2.46509	2.46509	0.00053079	8.67842	8.67842	0.0135918	3.39728	3.39728	0.0443769	2.52155	2.52155	5.57118	14.1549	2.25843	1
cg09990613	0.0279384	2.90183	2.90183	0.510185	1.31521	1.31521	0.0247362	2.99403	2.99403	0.0271277	2.92384	2.92384	4.31021	11.4851	2.36855	1
cg01015663	0.00738367	0.67692	-1.47728	1.54E-07	0.157457	-6.35094	0.21085	0.861549	-1.1607	3.10E-05	0.398999	-2.50627	68.241	13.8093	0.179876	1
cg27183435	0.303146	0.786625	-1.27125	2.09E-05	0.145097	-6.89194	0.240839	1.31824	1.31824	0.0960109	0.662763	-1.50884	13.7825	11.0526	0.712824	1
cg26299174	0.00415217	2.91354	2.91354	0.0227761	2.13511	2.13511	8.28E-05	7.18997	7.18997	0.00162964	3.51225	3.51225	9.64398	11.831	1.09047	1
cg12692722	0.0149232	3.12135	3.12135	0.0125842	3.25406	3.25406	0.000259571	9.82384	9.82384	0.00221815	5.10398	5.10398	7.85449	17.9863	2.0355	1
cg12621203	0.0685541	5.45507	5.45507	0.00204249	37.2287	37.2287	0.0129459	13.0242	13.0242	0.115538	4.152	4.152	6.53419	71.6534	9.74747	1
cg23651976	0.274108	0.367251	-2.72294	0.00775477	0.0492963	-20.2855	0.00769481	0.0490735	-20.3776	0.0401212	0.123972	-8.06632	4.95587	60.8142	10.9077	1
cg06033387	0.0741463	3.09707	3.09707	0.0131354	5.73764	5.73764	0.0932234	2.85475	2.85475	0.215221	2.09817	2.09817	4.39518	22.4638	4.54312	1
cg07356011	0.0908805	7.16934	7.16934	0.00370181	63.3032	63.3032	0.0201026	19.4063	19.4063	0.0674651	8.73057	8.73057	4.35319	77.1138	15.7461	1
cg07820742	0.0213003	7.83234	7.83234	0.221357	2.60131	2.60131	0.0276402	6.93505	6.93505	0.0704907	4.49695	4.49695	3.84934	33.7191	7.78642	1
cg24451422	0.038332	6.00769	6.00769	0.00215717	24.9688	24.9688	0.0137246	9.74175	9.74175	0.0138581	9.69661	9.69661	5.25747	46.4712	7.85696	1
cg06177627	0.0497487	5.82533	5.82533	0.00621366	16.589	16.589	0.0434487	6.22399	6.22399	0.0395251	6.51892	6.51892	3.61037	35.4461	8.727	1
cg07736389	0.0399789	4.538	4.538	0.00866439	8.43074	8.43074	0.042968	4.41031	4.41031	0.0317809	4.97033	4.97033	3.54714	22.8036	5.71442	1
cg26785999	6.90E-07	0.0579005	-17.271	0.0151769	0.53245	-1.87811	0.900562	1.02677	1.02677	0.173471	1.35802	1.35802	27.2066	19.2394	0.628585	1
cg01112232	0.298362	0.543047	-1.84146	0.0141099	0.179812	-5.56137	0.434966	0.636877	-1.57016	0.438763	0.639346	-1.5641	3.85816	19.6028	4.51633	1
cg27647594	0.085946	0.455868	-2.19362	0.00678092	0.233974	-4.27397	0.00973533	0.258319	-3.87118	0.105053	0.480358	-2.08178	3.78594	10.2756	2.41258	1
cg17003204	0.0190334	1.39373	1.39373	0.000878005	1.79207	1.79207	2.23E-06	0.2584	-3.86997	0.659897	1.05315	1.05315	37.1135	8.03931	0.192546	1
cg20425266	0.245798	0.737611	-1.35573	0.000664986	0.270808	-3.69265	0.823637	1.05756	1.05756	0.041529	0.55473	-1.80268	10.5368	10.49	0.884941	1
cg12176022	0.333726	0.676054	-1.47917	0.00668192	0.25118	-3.9812	0.00954172	3.62914	3.62914	0.0367966	0.38582	-2.59188	6.01207	14.6799	2.17043	1
cg24648715	0.191602	0.524873	-1.90522	0.253321	0.573345	-1.74415	0.75774	1.15518	1.15518	0.740691	0.856543	-1.16748	4.76282	16.3992	3.0606	1
cg14694234	0.124264	0.537288	-1.8612	0.906763	1.0447	1.0447	0.690234	1.16127	1.16127	0.00205688	0.197797	-5.05569	7.7827	17.1708	1.96114	1
cg09687634	0.336402	0.692627	-1.44378	0.835337	1.08017	1.08017	0.837843	0.926882	-1.07889	0.0277845	0.381499	-2.62124	5.7849	12.5787	1.9328	1
cg08328842	0.745374	0.90899	-1.10012	0.0206576	0.442146	-2.26169	0.271111	1.39866	1.39866	0.143704	0.631253	-1.58415	3.5292	4.79317	1.20724	1
cg18459957	0.0772087	0.271748	-3.67988	0.0341074	5.1542	5.1542	0.00327162	14.2727	14.2727	0.00113297	23.9532	23.9532	7.05246	49.1192	6.19096	1
cg24707688	0.160505	0.395464	-2.52867	0.426958	1.65189	1.65189	0.343933	1.8281	1.8281	0.000743563	23.7721	23.7721	4.70812	28.5523	5.39065	1
cg09361477	0.35404	0.738071	-1.35488	0.288336	0.703909	-1.42064	0.390574	1.32342	1.32342	0.0787658	0.536962	-1.86233	4.38419	7.04477	1.42832	1
cg04069100	0.721809	1.12797	1.12797	0.590849	1.20058	1.20058	0.715073	1.13144	1.13144	0.399111	0.747688	-1.33746	6.25208	11.2343	1.59724	1
cg14179628	0.0920225	0.509235	-1.96373	0.629979	0.838096	-1.19318	0.0252555	2.63278	2.63278	0.811635	1.09075	1.09075	3.5038	7.34669	1.8638	1
cg04769341	0.0223771	0.433656	-2.30598	0.482045	0.803995	-1.24379	0.683962	0.882538	-1.1331	0.47741	1.24677	1.24677	3.60135	5.31689	1.31232	1
cg17964575	0.0945181	0.633558	-1.57839	0.000293768	0.231076	-4.32758	0.0591251	1.69754	1.69754	0.0433828	0.561621	-1.78056	8.95959	8.75079	0.868173	1
cg02989381	0.0360807	0.317875	-3.14589	0.000601841	0.083092	-12.0349	0.00087919	0.0958773	-10.43	0.00506073	0.175078	-5.71174	8.7398	30.5952	3.11171	1
cg08098127	0.0315594	1.66124	1.66124	0.203226	1.31049	1.31049	0.271531	1.25915	1.25915	0.978693	1.00539	1.00539	4.99263	3.20477	0.570578	1
cg13568559	0.0159971	0.080415	-12.4355	0.295933	0.396015	-2.52516	0.452102	1.92463	1.92463	0.886545	0.885134	-1.12977	4.11293	47.5833	10.2837	1
cg24662926	0.67841	0.928212	-1.07734	0.00383564	2.00634	2.00634	0.0430525	1.51577	1.51577	0.195905	1.27679	1.27679	3.56835	1.80398	0.449378	1
cg01232717	0.000532652	0.361493	-2.76631	0.000739605	0.380201	-2.63019	0.329157	1.2093	1.2093	0.000698166	0.376889	-2.6533	31.9077	17.9952	0.501312	1
cg17186373	2.95E-06	0.0959777	-10.4191	0.776567	1.05276	1.05276	0.0295898	0.62202	-1.60766	0.00141374	0.411769	-2.42855	32.1966	14.4757	0.393404	1
cg00033457	?	?	?	4.76E-05	0.108279	-9.23541	0.00465292	0.390057	-2.56373	0.452724	1.18819	1.18819	18.8755	11.1023	0.504157	1
cg06060338	0.00238935	0.543992	-1.83826	0.0620983	0.739258	-1.35271	0.270347	0.847829	-1.17948	0.183191	1.22523	1.22523	5.82875	1.90975	0.291238	1
cg05751979	0.0805975	1.42968	1.42968	0.032031	1.58938	1.58938	0.87299	1.02995	1.02995	0.315742	1.21087	1.21087	5.71127	3.0777	0.479005	1
cg22809411	0.972778	0.988275	-1.01186	0.107179	0.544543	-1.8364	0.83818	1.07324	1.07324	0.945833	1.02376	1.02376	4.76684	9.01918	1.68184	1
cg00837765	0.46009	0.865962	-1.15479	0.00133546	0.409674	-2.44096	0.935308	0.984586	-1.01566	0.993229	0.998378	-1.00163	3.76576	2.18376	0.515467	1
cg06216428	0.790592	0.952855	-1.04948	0.729568	1.065	1.065	0.000164666	3.20764	3.20764	0.0583599	1.47423	1.47423	9.75494	5.08692	0.46353	1
cg09936037	0.328751	0.794698	-1.25834	0.00201698	0.370439	-2.6995	0.366284	1.23565	1.23565	0.871195	0.963683	-1.03769	4.55666	3.75055	0.731636	1
cg04615771	0.0304295	0.684733	-1.46042	0.31072	1.169	1.169	0.00622821	1.7004	1.7004	0.535865	1.09783	1.09783	4.17792	1.46656	0.312024	1
cg07059052	0.203253	1.727	1.727	0.0564177	0.415289	-2.40796	0.259111	1.61442	1.61442	0.0446329	0.39142	-2.5548	4.11664	10.791	2.33006	1
cg16579893	0.960894	1.01838	1.01838	0.69103	0.862093	-1.15997	0.000601757	7.13897	7.13897	0.154886	0.568083	-1.76031	17.1626	37.5023	1.94233	1
cg17020154	0.161597	0.834313	-1.19859	7.64E-05	0.419403	-2.38434	0.347296	0.889337	-1.12443	0.312206	1.13507	1.13507	11.4254	2.65756	0.206757	1
cg08279092	0.0191909	0.101719	-9.83104	0.000213901	0.00682574	-146.504	0.0176478	0.0974503	-10.2616	0.0050555	0.0502764	-19.8901	7.28619	75.0819	9.15972	1
cg25880573	0.356367	0.888289	-1.12576	0.033902	1.3624	1.3624	0.384216	1.11785	1.11785	0.246499	0.859563	-1.16338	6.76211	1.66993	0.219514	1
cg12717729	0.254207	0.488726	-2.04614	0.0350058	0.228268	-4.38081	0.0430873	0.246701	-4.05349	0.0634589	0.285088	-3.50769	5.66291	32.4314	5.09065	1
cg20037384	0.054307	1.16857	1.16857	0.15873	1.11345	1.11345	0.0119474	0.799511	-1.25076	0.347446	1.07145	1.07145	4.56443	0.367895	0.0716449	1
cg22014430	0.343321	0.668515	-1.49585	0.00510746	4.60113	4.60113	0.0109789	3.73009	3.73009	0.343063	1.49619	1.49619	4.28791	11.5555	2.39548	1
cg07614190	0.287443	0.817151	-1.22376	0.0134312	1.75005	1.75005	0.299242	1.21738	1.21738	0.290246	1.22222	1.22222	5.41207	2.86509	0.470569	1
cg13993676	0.831111	1.1185	1.1185	0.00173906	0.0961961	-10.3954	0.932418	1.04548	1.04548	0.141485	0.436487	-2.29102	4.5027	19.6054	3.87035	1
cg16053920	0.727492	1.13469	1.13469	0.309947	1.46153	1.46153	0.573544	0.814311	-1.22803	0.641325	0.844125	-1.18466	4.35306	8.99411	1.83658	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg12672509	TCEB3B;TCEB3B;KATNAL2	0.0275227	0.890743	1.04923	1.04923	0.0010865	0.185286	-5.39706	0.229707	0.643625
cg15393051	TCERG1;TCERG1	0.000322479	0.000381457	0.666739	-1.49984	0.00082742	1.43302	1.43302	0.64735	1.03346
cg02528224	TCERG1;TCERG1	0.00208859	0.644255	1.07217	1.07217	9.60E-05	2.8302	2.8302	0.320449	1.16633
cg17638137	TCERG1;TCERG1	0.0024801	0.0996323	1.13197	1.13197	0.0219415	1.20782	1.20782	0.000226433	1.52369
cg11613545	TCERG1;TCERG1	0.00444226	0.349459	1.14536	1.14536	0.00697806	1.63514	1.63514	0.0455357	1.38144
ch.5.2738996F	TCERG1;TCERG1	0.00578412	0.00170426	0.0916037	-10.9166	0.00415539	0.128793	-7.7644	0.306835	0.568709
cg17512748	TCERG1;TCERG1	0.0168933	0.206021	1.55995	1.55995	0.456307	0.776548	-1.28775	0.8949	0.956899
cg02400139	TCERG1;TCERG1	0.0240117	0.899254	0.979827	-1.02059	0.0013298	0.471942	-2.11891	0.331916	0.85124
cg08617581	TCERG1L	5.22E-07	0.0395345	0.713786	-1.40098	0.180571	0.819875	-1.2197	8.89E-09	0.0154136
cg15161973	TCERG1L	4.24E-06	0.18062	0.781333	-1.27986	0.815673	1.04099	1.04099	4.54E-08	0.0165864
cg05020535	TCERG1L	1.50E-05	0.433487	0.820505	-1.21876	0.087268	0.626669	-1.59574	0.586756	1.14551

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03747342	TCF25	0.0302755	0.0329612	0.330798	-3.02299	0.0233125	0.300485	-3.32796	0.346955	1.53659	1.53659	0.366874	0.662879	-1.50857	0.00294218	0.163431	-6.11878	0.238028	1.73015	1.73015	0.306071	0.624982	-1.60005	0.787961	1.12701	1.12701	0.178139	0.530139	-1.8863	4.07358	12.6927	2.76966	1
cg09569215	TCF25	0.0423991	0.00852011	0.316366	-3.1609	0.303998	0.694241	-1.44042	0.611692	1.19184	1.19184	0.0270204	0.407584	-2.45348	0.215599	1.56327	1.56327	0.277511	1.47275	1.47275	0.0581881	2.08316	2.08316	0.513453	1.25505	1.25505	0.861592	0.941933	-1.06165	3.60466	6.70867	1.65432	1
cg24680852	TCF3	0.00488583	0.827805	0.980285	-1.02011	0.464589	0.93423	-1.0704	0.0137306	1.32115	1.32115	0.00692101	0.726533	-1.3764	0.103888	0.849982	-1.1765	0.00637161	1.38339	1.38339	0.0321091	0.794961	-1.25792	0.00549229	0.716274	-1.39611	0.599876	1.04957	1.04957	7.39049	0.977919	0.117619	1
cg25540579	TCF3	0.0255999	0.06623	2.31068	2.31068	0.00439082	0.203506	-4.91386	0.797067	1.1084	1.1084	0.636705	0.826826	-1.20944	?	?	?	0.184946	1.762	1.762	0.0709714	2.26937	2.26937	0.122565	0.508435	-1.96682	0.141302	1.89408	1.89408	4.8554	10.6666	1.92225	1
cg24940706	TCF3;TCF3	0.000323266	0.304477	0.908151	-1.10114	0.00104656	0.644382	-1.55188	0.292969	0.90589	-1.10389	1.42E-05	0.440784	-2.26868	0.32043	0.911185	-1.09747	0.001955	1.48694	1.48694	0.817878	0.97932	-1.02112	0.152362	1.149	1.149	0.416064	0.927461	-1.07821	16.1169	2.09504	0.115547	1
cg07318808	TCF3;TCF3	0.000443666	0.0010555	0.209207	-4.77995	0.286936	1.42917	1.42917	0.0221784	0.41248	-2.42436	0.33633	1.37734	1.37734	0.00160634	0.231959	-4.31111	0.000477291	0.170188	-5.87586	0.00013056	0.11705	-8.54334	0.397966	1.32246	1.32246	0.00150477	0.228321	-4.37979	14.7715	24.3997	1.46827	1
cg09523532	TCF3;TCF3	0.00057301	0.0690739	0.763711	-1.3094	0.182837	0.829176	-1.20602	0.862455	1.02325	1.02325	0.673053	0.94531	-1.05785	0.00618506	0.623032	-1.60505	7.05E-05	0.382562	-2.61395	3.74E-05	0.350046	-2.85677	0.0356279	0.723184	-1.38277	0.566126	0.92602	-1.07989	13.7593	3.82687	0.247228	1
cg26928195	TCF3;TCF3	0.00148807	0.00828217	3.28164	3.28164	0.000234446	8.56058	8.56058	0.653867	1.17219	1.17219	0.0746219	2.0119	2.0119	0.0430265	0.440614	-2.26956	0.376309	0.726446	-1.37657	0.00246327	4.40288	4.40288	0.00147065	5.03276	5.03276	0.204212	1.60263	1.60263	10.5037	20.6127	1.74438	1
cg26903240	TCF3;TCF3	0.00157305	0.000501073	0.253195	-3.94952	0.00354071	0.368742	-2.71193	0.00110788	0.297284	-3.36378	0.72783	1.09218	1.09218	0.000283177	0.223806	-4.46815	0.0500787	0.569035	-1.75736	0.756877	0.924622	-1.08152	0.429083	0.815688	-1.22596	0.0489535	0.567012	-1.76363	10.337	10.4269	0.896626	1
cg23009327	TCF3;TCF3	0.00412345	0.00185914	0.194933	-5.12996	0.24653	1.56626	1.56626	0.0193579	0.350954	-2.84938	0.0116871	0.311417	-3.21112	0.0530255	0.443058	-2.25704	0.656914	1.18001	1.18001	0.000460217	0.129821	-7.70294	0.872428	1.06131	1.06131	0.126784	0.542527	-1.84323	7.78082	16.8943	1.93002	1
cg09559373	TCF3;TCF3	0.00477837	0.959068	0.982004	-1.01833	0.760504	1.11425	1.11425	0.0704084	0.488928	-2.04529	0.920049	0.965099	-1.03616	0.00161591	0.202022	-4.94995	0.00148189	0.197436	-5.06493	0.000953273	0.175144	-5.70958	0.711893	1.14026	1.14026	0.0978521	0.525935	-1.90138	7.44074	14.7541	1.76256	1
cg01062443	TCF3;TCF3	0.00539251	0.000977091	0.164228	-6.08909	0.420992	0.738737	-1.35366	0.0183891	0.348657	-2.86815	0.33145	0.691357	-1.44643	0.00199861	0.200478	-4.98808	0.0345851	0.403468	-2.47851	0.00133156	0.179303	-5.57714	0.0634507	0.463588	-2.15709	0.0390313	0.414806	-2.41077	7.17085	15.4094	1.91013	1
cg06597239	TCF3;TCF3	0.00912637	0.826097	1.06823	1.06823	0.0589514	1.89593	1.89593	0.381021	0.763756	-1.30932	0.120712	1.65663	1.65663	0.000998685	0.230871	-4.33141	0.893082	0.960468	-1.04116	0.00411332	0.315239	-3.1722	0.516282	1.21824	1.21824	0.705661	1.12054	1.12054	6.08538	8.67078	1.26654	1
cg01595204	TCF3;TCF3	0.0103077	0.422305	0.732458	-1.36527	0.0826474	2.07533	2.07533	0.49364	0.767929	-1.3022	0.63517	0.833973	-1.19908	0.000686704	0.139554	-7.16569	0.368793	0.704244	-1.41996	0.0183671	0.337275	-2.96494	0.642893	0.837478	-1.19406	0.00605755	0.256255	-3.90236	5.85353	13.3764	2.03127	1
cg21463799	TCF3;TCF3	0.010473	0.912136	0.971847	-1.02897	0.956767	0.986072	-1.01412	0.308756	0.761444	-1.31329	0.0531449	1.76552	1.76552	0.0015969	0.309836	-3.22751	0.441142	1.22534	1.22534	0.397916	0.799372	-1.25098	0.0328407	1.9076	1.9076	0.00831126	0.417779	-2.39361	5.82374	6.17361	0.942291	1
cg05922545	TCF3;TCF3	0.0166042	0.61261	0.928879	-1.07657	0.209512	1.21059	1.21059	0.00415323	0.573993	-1.74218	0.026563	1.46205	1.46205	0.794049	0.962904	-1.03852	0.0794171	1.32489	1.32489	0.00744299	1.64543	1.64543	0.896809	1.01892	1.01892	0.979062	1.0038	1.0038	5.00875	1.65608	0.2939	1
cg05306134	TCF3;TCF3	0.0187165	0.261995	0.818189	-1.22221	0.0138644	1.68481	1.68481	0.715873	0.939213	-1.06472	0.6831	0.932005	-1.07296	0.00386286	0.512845	-1.94991	0.0606276	0.695651	-1.4375	0.124402	0.751695	-1.33033	0.673632	0.929904	-1.07538	0.0163964	0.604561	-1.65409	4.81143	2.24284	0.414355	1
cg12780124	TCF3;TCF3	0.0241948	0.905765	1.02585	1.02585	0.911019	1.02438	1.02438	0.501404	0.863269	-1.15839	0.784619	0.942678	-1.06081	0.000575156	0.3172	-3.15258	0.54619	1.14065	1.14065	0.64075	1.10657	1.10657	0.236958	0.765686	-1.30602	0.0278444	0.57115	-1.75085	4.40704	3.24068	0.653638	1
cg22152279	TCF3;TCF3	0.0261469	0.681313	0.915001	-1.0929	0.0896042	0.668586	-1.49569	0.113286	0.690228	-1.4488	0.793473	0.945121	-1.05807	0.00168102	0.380585	-2.62754	0.00701674	0.472408	-2.11681	0.371712	1.21811	1.21811	0.904962	1.02603	1.02603	0.307938	0.796899	-1.25486	4.28962	3.14403	0.6515	1
cg20124287	TCF3;TCF3	0.0272531	0.118091	0.736412	-1.35794	0.00735374	0.536384	-1.86434	0.00559032	0.51888	-1.92723	0.402271	0.856793	-1.16714	0.178322	0.772709	-1.29415	0.144709	0.753935	-1.32637	0.04418	1.51717	1.51717	0.321359	0.831329	-1.20289	0.356709	0.842891	-1.18639	4.2278	2.17684	0.457677	1
cg11170796	TCF3;TCF3	0.0351521	0.108404	0.712855	-1.40281	0.00937108	0.529003	-1.89035	0.0513549	0.651314	-1.53536	0.391835	0.84404	-1.18478	0.002454	0.44292	-2.25775	0.655611	0.916901	-1.09063	0.0488585	0.647431	-1.54457	0.942591	0.986177	-1.01402	0.199863	0.769706	-1.2992	3.86106	2.28419	0.525863	1
cg13457790	TCF3;TCF3	0.0360009	0.158125	0.543064	-1.8414	0.0444417	0.393005	-2.54449	0.0352786	0.370833	-2.69663	0.0467657	0.398071	-2.51212	0.0703127	0.441067	-2.26723	0.0197744	0.320209	-3.12296	0.00257875	0.18444	-5.42182	0.177856	0.560277	-1.78483	0.357732	0.68203	-1.46621	3.8278	9.92461	2.30469	1
cg26615224	TCF3;TCF3	0.0383859	0.0724325	0.46053	-2.17141	0.294798	0.656863	-1.52239	0.990013	0.99517	-1.00485	0.0537267	0.428583	-2.33327	0.0294591	0.370897	-2.69616	0.0148249	0.313631	-3.18846	0.0103132	0.286455	-3.49095	0.222309	0.608897	-1.64231	0.0119712	0.297383	-3.36267	3.73928	8.86071	2.10634	1
cg05889881	TCF3;TCF3	0.0453981	0.389759	0.781358	-1.27982	0.517968	0.83237	-1.20139	0.00877163	0.392797	-2.54584	0.992169	1.00275	1.00275	0.00426278	0.342827	-2.91693	0.514154	0.830937	-1.20346	0.0789997	0.57927	-1.72631	0.630156	1.14547	1.14547	0.0571629	0.547492	-1.82651	3.51391	4.3613	1.10325	1
cg20118823	TCF3;TCF3	0.0468628	0.00816498	0.547629	-1.82605	0.834577	0.963487	-1.0379	0.00818474	0.547785	-1.82553	0.973539	1.00592	1.00592	0.326656	0.835167	-1.19736	0.191593	1.27878	1.27878	0.300398	1.21031	1.21031	0.86851	1.02991	1.02991	0.474013	1.13828	1.13828	3.47224	1.73987	0.445406	1
cg07791076	TCF3;TCF3	0.0485278	0.939902	1.02044	1.02044	0.0825324	1.67543	1.67543	0.094352	0.61047	-1.63808	0.673177	0.892389	-1.12059	0.0386286	0.525801	-1.90186	0.499454	1.20199	1.20199	0.00481607	0.366497	-2.72853	0.637038	1.13604	1.13604	0.792521	0.931697	-1.07331	3.42677	3.9088	1.01393	1
cg23482397	TCF4;TCF4	0.0058702	0.00436441	3.28639	3.28639	0.173268	1.57264	1.57264	0.491988	1.24367	1.24367	0.408844	1.30206	1.30206	0.0074976	2.93122	2.93122	0.00158928	4.12148	4.12148	0.0880545	0.555346	-1.80068	0.313236	1.38529	1.38529	0.0386525	0.473164	-2.11343	6.98614	10.802	1.37441	1
cg25079568	TCF4;TCF4	0.00622235	0.0134407	0.730673	-1.3686	0.0112321	1.38497	1.38497	0.353687	1.10278	1.10278	0.381441	0.912072	-1.0964	0.012055	0.725437	-1.37848	0.769523	1.03058	1.03058	0.00878766	0.710267	-1.40792	0.954615	1.00585	1.00585	0.0103734	1.39233	1.39233	6.86156	1.1423	0.14798	1
cg15237265	TCF4;TCF4	0.0136501	0.832761	0.982964	-1.01733	0.28837	1.0937	1.0937	0.629643	1.04027	1.04027	0.107255	0.86688	-1.15356	0.0255832	0.806116	-1.24052	0.0492792	0.833311	-1.20003	0.00179703	0.697065	-1.43459	0.0266311	1.23798	1.23798	0.855526	1.01492	1.01492	5.34411	0.558848	0.0929535	1
cg14351528	TCF4;TCF4	0.0148706	0.082382	0.761705	-1.31284	0.483332	1.10603	1.10603	0.21405	1.2033	1.2033	0.799238	0.964589	-1.03671	0.156756	1.23895	1.23895	0.232715	1.19367	1.19367	0.00109636	0.506049	-1.9761	0.413017	1.12569	1.12569	0.0369944	1.40868	1.40868	5.19556	1.64672	0.281731	1
cg19597776	TCF4;TCF4	0.018815	0.154474	0.729869	-1.37011	0.0248615	1.73621	1.73621	0.143481	1.38373	1.38373	0.0830508	0.672681	-1.48659	0.0514357	0.632461	-1.58112	0.190152	0.750763	-1.33198	0.0233338	0.571249	-1.75055	0.153488	1.37129	1.37129	0.0577367	1.55785	1.55785	4.80291	3.24688	0.60091	1
cg00657460	TCF4;TCF4	0.0245271	0.0262924	2.08303	2.08303	0.00431406	2.95749	2.95749	0.0193205	2.20425	2.20425	0.0609313	1.79191	1.79191	0.245534	1.39298	1.39298	0.100257	1.64049	1.64049	?	?	?	?	?	?	?	?	?	5.15661	3.91458	0.885662	1
cg03293350	TCF4;TCF4	0.0252291	0.33393	0.81804	-1.22243	0.0289026	1.68062	1.68062	0.281159	0.797924	-1.25325	0.154919	1.35905	1.35905	0.0033901	0.448055	-2.23187	0.190396	1.32242	1.32242	0.126534	0.716698	-1.39529	0.277787	1.2554	1.2554	0.666093	0.916225	-1.09143	4.34342	2.79393	0.571783	1
cg03284649	TCF4;TCF4	0.032297	0.58829	0.947427	-1.05549	0.0747577	1.21669	1.21669	0.731125	0.966489	-1.03467	0.540714	1.06311	1.06311	0.487526	1.07218	1.07218	0.0265845	0.771268	-1.29657	0.822664	1.02243	1.02243	0.0911611	0.832056	-1.20184	0.00408113	1.46353	1.46353	3.98069	0.615585	0.13746	1
cg01742897	TCF4;TCF4	0.0462405	0.331406	0.899967	-1.11115	0.420116	1.09049	1.09049	0.0102011	1.40589	1.40589	0.855005	0.980945	-1.01942	0.00268159	1.54722	1.54722	0.590467	1.0588	1.0588	0.782207	0.971275	-1.02957	0.52604	1.06991	1.06991	0.803411	1.02658	1.02658	3.48974	0.611355	0.155721	1
cg22409420	TCF4;TCF4;TCF4;TCF4	0.0435491	0.876221	0.920084	-1.08686	0.107046	2.59311	2.59311	0.0168755	0.200321	-4.99198	0.53517	0.714495	-1.39959	0.100244	0.376851	-2.65357	0.329494	1.71647	1.71647	0.14818	2.31128	2.31128	?	?	?	0.0241872	0.228386	-4.37855	3.94226	15.5088	3.44225	1
cg04467093	TCF7	0.031222	0.154331	0.747054	-1.33859	0.554991	1.12097	1.12097	0.283202	1.2377	1.2377	0.763673	1.05937	1.05937	0.0326295	0.61989	-1.61319	0.604586	1.10507	1.10507	0.00328968	2.15103	2.15103	0.0813646	0.691086	-1.447	0.559725	0.893328	-1.11941	4.02916	2.33421	0.514959	1
cg19844653	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.00576945	0.0472087	0.55081	-1.81551	0.0103953	0.428494	-2.33376	0.00375165	0.35786	-2.79439	0.0110621	0.433069	-2.3091	0.0104769	0.429067	-2.33064	0.225096	0.715609	-1.39741	0.000443354	0.233079	-4.29039	0.0363569	0.527826	-1.89456	0.549071	0.852808	-1.1726	7.0235	7.67257	0.971035	1
cg07440414	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.00632303	0.472973	0.885987	-1.12869	0.226528	0.810108	-1.2344	0.611499	0.918557	-1.08866	0.173086	0.78629	-1.27179	0.576506	0.91067	-1.09809	0.00085748	2.29417	2.29417	0.0838828	0.728162	-1.37332	0.0016405	0.473422	-2.11228	0.467774	0.88468	-1.13035	6.82755	2.97413	0.387207	1
cg11485451	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0126633	0.0261163	0.35537	-2.81397	0.00979056	0.277992	-3.59723	0.24108	0.618149	-1.61773	0.00463506	0.228472	-4.37691	0.00453418	0.227122	-4.40292	0.962593	1.01855	1.01855	0.00497312	0.232829	-4.295	0.0649217	0.443766	-2.25344	0.619432	0.821809	-1.21683	5.47684	13.3267	2.16292	1
cg13046271	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0156927	0.0565857	0.591679	-1.69011	0.00232287	0.355501	-2.81293	0.883224	0.964892	-1.03639	0.0197755	0.504408	-1.98252	0.0266901	0.52808	-1.89365	0.220518	1.3678	1.3678	0.0128859	0.471985	-2.11871	0.0685135	0.609047	-1.64191	0.920233	0.975938	-1.02466	5.10378	4.77933	0.832383	1
cg02387618	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0229076	0.0715752	0.7039	-1.42066	0.00514513	0.524745	-1.90569	0.970561	0.993581	-1.00646	0.71115	1.06707	1.06707	0.482246	0.882816	-1.13274	0.457288	1.14122	1.14122	0.00455435	1.93365	1.93365	0.911053	0.980687	-1.01969	0.255289	0.812806	-1.23031	4.49108	2.16621	0.428742	1
cg17487170	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0406048	0.118374	0.620829	-1.61075	0.0314803	0.491977	-2.03261	0.0831184	0.583071	-1.71506	0.0123308	0.416375	-2.40168	0.0137885	0.424884	-2.35359	0.814819	1.06819	1.06819	0.0111922	0.409097	-2.44441	0.149937	0.647917	-1.54341	0.307801	0.743177	-1.34557	3.66282	4.58621	1.11298	1
cg08063911	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0358998	0.0615009	0.458528	-2.18089	0.109069	0.523698	-1.9095	0.0646234	0.463787	-2.15616	0.190765	0.598802	-1.67	0.00213169	0.202397	-4.94079	0.21108	0.614011	-1.62864	0.00754808	0.280158	-3.56941	0.252914	0.64273	-1.55586	0.375645	0.714215	-1.40014	3.83171	8.31532	1.92901	1
cg15413523	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0174044	0.0196933	0.456784	-2.18922	0.0572898	0.549832	-1.81874	0.0165391	0.442927	-2.25771	0.0338509	0.502038	-1.99188	0.00246091	0.309934	-3.22649	0.0242241	0.473663	-2.11121	0.00708427	0.379918	-2.63214	0.156708	0.656179	-1.52397	0.150265	0.651217	-1.53559	4.93052	6.04091	1.08907	1
cg02305135	TCF7L1	2.68E-05	0.351514	0.88161	-1.13429	0.0508938	0.746559	-1.33948	0.238823	1.17601	1.17601	0.624264	0.937183	-1.06703	0.457004	1.10467	1.10467	0.718662	1.04869	1.04869	0.117838	0.799966	-1.25005	2.59E-07	7.47248	7.47248	0.43221	0.900019	-1.11109	31.3768	8.58242	0.243136	1
cg12463325	TCF7L1	8.82E-05	0.05137	0.861023	-1.16141	0.0193125	0.826247	-1.21029	0.00932356	0.800542	-1.24915	0.00335245	1.30898	1.30898	0.00782219	0.794317	-1.25894	0.00423516	0.772395	-1.29467	1.33E-05	1.85073	1.85073	0.00126939	1.37327	1.37327	0.0816142	1.13904	1.13904	22.8934	1.6498	0.0640572	1
cg07262335	TCF7L1	0.000255684	0.00830409	0.437032	-2.28816	0.00330854	0.37476	-2.66838	0.00826158	2.29006	2.29006	0.932738	0.979505	-1.02092	0.169306	0.698231	-1.43219	0.00134593	0.31898	-3.135	0.000408029	3.9654	3.9654	0.00414604	2.56726	2.56726	0.00104375	0.304067	-3.28875	17.1843	16.379	0.847231	1
cg08903069	TCF7L1	0.000406778	0.00174936	0.358084	-2.79264	0.10789	0.667735	-1.4976	0.014164	0.498159	-2.00739	0.0813483	1.56014	1.56014	1.10E-05	0.115835	-8.63295	0.0942978	0.654792	-1.5272	0.0427211	0.584483	-1.71091	0.095462	1.52449	1.52449	0.0779818	0.637078	-1.56967	15.1299	12.6994	0.746096	1
cg04062717	TCF7L1	0.000556714	0.0310995	0.814866	-1.2272	0.00039528	1.57862	1.57862	0.00289452	0.717945	-1.39286	0.0189595	0.794629	-1.25845	0.000597335	0.65139	-1.53518	0.00495504	1.35128	1.35128	0.361048	1.07893	1.07893	0.517389	1.05454	1.05454	0.602366	0.958361	-1.04345	13.8702	1.43811	0.092163	1
cg14279650	TCF7L1	0.000582665	0.0523049	0.704456	-1.41954	0.00101378	0.461213	-2.1682	0.0051085	0.555828	-1.79912	0.435798	0.881437	-1.13451	0.000129174	0.347855	-2.87476	0.0334753	0.674116	-1.48342	0.000935814	2.18983	2.18983	0.703543	1.06257	1.06257	0.187633	0.801197	-1.24813	13.6954	5.46493	0.354698	1
cg06430029	TCF7L1	0.00163771	0.000393868	0.253676	-3.94204	0.4653	1.19787	1.19787	0.800875	0.940444	-1.06333	0.237399	1.35085	1.35085	0.000147468	0.204788	-4.88309	0.111541	1.52365	1.52365	0.691825	0.907738	-1.10164	0.707899	0.912608	-1.09576	0.0399451	0.561624	-1.78055	10.2175	9.55273	0.831058	1
cg22834443	TCF7L1	0.00609962	0.00917259	0.217817	-4.591	0.000501576	0.0815322	-12.2651	0.0806806	0.409697	-2.44083	0.557707	0.761011	-1.31404	0.00227586	0.140012	-7.14227	0.20448	0.539675	-1.85297	0.00939658	0.219411	-4.55766	0.0193984	0.271972	-3.67685	0.105585	0.442906	-2.25782	6.90396	23.2008	2.98711	1
cg17137307	TCF7L1	0.00913376	0.0272508	0.476166	-2.10011	0.238317	1.42012	1.42012	0.835519	1.06082	1.06082	0.94258	1.02067	1.02067	0.0017272	0.280967	-3.55914	0.0190318	2.23923	2.23923	0.0819679	0.578508	-1.72859	0.809795	0.933817	-1.07087	0.0125706	0.414214	-2.41421	6.08381	7.77018	1.13528	1
cg21627466	TCF7L1	0.0224896	0.16585	0.64346	-1.5541	0.0296109	0.465769	-2.14699	0.0249569	0.451132	-2.21665	0.982278	1.00665	1.00665	0.040371	0.493381	-2.02683	0.512612	0.820266	-1.21912	0.00548657	0.336413	-2.97254	0.0631761	1.86541	1.86541	0.0518934	0.516876	-1.9347	4.51964	6.37177	1.25315	1
cg21541159	TCF7L1	0.0244056	0.0863347	0.540511	-1.8501	0.904714	0.961861	-1.03965	0.380548	0.746724	-1.33918	0.0650926	1.95914	1.95914	0.0646089	0.509659	-1.9621	0.317072	1.3991	1.3991	0.0868061	0.541111	-1.84805	0.00349175	3.62112	3.62112	0.791354	0.917509	-1.08991	4.3938	7.33685	1.48428	1
cg04593571	TCF7L1	0.0244388	0.244672	0.762438	-1.31158	0.603966	0.88992	-1.1237	0.048864	1.65087	1.65087	0.0025193	0.392642	-2.54685	0.107637	0.67617	-1.47892	0.252645	0.766211	-1.30512	0.156401	0.71328	-1.40197	0.143546	1.41947	1.41947	0.263638	1.29654	1.29654	4.39173	3.45475	0.699243	1
cg20374887	TCF7L1	0.0314865	0.0740184	0.470311	-2.12625	0.418802	0.731249	-1.36752	0.782339	0.900389	-1.11063	0.364565	0.702578	-1.42333	0.000601482	0.134654	-7.42645	0.707415	0.86688	-1.15356	0.297257	1.50594	1.50594	0.443782	0.743924	-1.34422	0.306523	0.669587	-1.49346	4.01704	9.13259	2.02085	1
cg24684348	TCF7L1	0.0405593	0.0131302	0.271055	-3.68929	0.624259	0.810959	-1.23311	0.0218447	0.311008	-3.21535	0.11062	0.478124	-2.09151	0.00721298	0.229514	-4.35704	0.21634	0.575678	-1.73708	0.0277247	0.331398	-3.01752	0.87153	1.07111	1.07111	0.0988277	0.46387	-2.15577	3.66433	10.4551	2.53619	1
cg18869840	TCF7L1	0.0452373	0.0651182	0.391145	-2.5566	0.0660805	2.54604	2.54604	0.790201	1.12847	1.12847	0.434663	0.696761	-1.43521	0.0144304	0.254969	-3.92205	0.13573	0.482497	-2.07255	0.0249324	0.298319	-3.35212	0.44575	1.42236	1.42236	0.167476	0.513282	-1.94825	3.51859	11.4494	2.89241	1
cg02424378	TCF7L1	0.0486083	0.789622	1.05155	1.05155	0.141655	0.743012	-1.34587	0.936781	0.9852	-1.01502	0.143637	0.744267	-1.3436	0.0279336	0.613715	-1.62942	0.0284589	0.61506	-1.62586	0.500694	0.879432	-1.1371	0.0194091	1.70107	1.70107	0.435222	1.16142	1.16142	3.42462	1.91634	0.497403	1
cg13241740	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	2.38E-05	3.89E-07	0.225103	-4.44241	0.0043039	0.675644	-1.48007	0.417201	1.08889	1.08889	0.217347	1.1426	1.1426	0.117775	1.19061	1.19061	0.610029	1.05425	1.05425	0.00865064	1.41028	1.41028	0.0589588	0.803286	-1.24489	0.038914	1.27832	1.27832	32.3761	5.40914	0.148508	1
cg08588479	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.000173338	1.83E-06	0.140204	-7.13246	0.144397	1.29604	1.29604	0.046874	0.686405	-1.45687	0.540612	0.902622	-1.10788	0.964044	0.992572	-1.00748	0.809712	0.960887	-1.04071	0.229085	1.23213	1.23213	0.444874	1.13748	1.13748	0.0739924	0.7194	-1.39005	19.0967	8.27322	0.38509	1
cg27062243	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.000341079	0.000156098	0.215714	-4.63576	0.193655	0.721886	-1.38526	0.0193398	0.511598	-1.95466	0.00406359	0.400938	-2.49415	0.000319409	0.251457	-3.97683	0.00328305	0.387029	-2.58379	3.40E-05	0.149248	-6.70025	0.882568	0.965584	-1.03564	0.00833738	0.449839	-2.22302	15.8815	14.1213	0.790374	1
cg07591090	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.000717464	0.00272297	0.139993	-7.14322	0.000360787	0.0660338	-15.1438	0.0903595	0.412095	-2.42663	0.0319113	0.302896	-3.30147	0.00878266	0.204882	-4.88086	0.00731633	0.19345	-5.16929	0.00017273	0.0483071	-20.7009	0.000261847	0.0578032	-17.3001	0.00264695	0.138652	-7.21231	12.9214	46.1806	3.17686	1
cg18968279	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.000926316	0.00260459	0.26687	-3.74714	7.15E-05	0.101061	-9.89498	0.0339044	0.456407	-2.19103	0.138462	0.603401	-1.65727	0.0212156	0.415879	-2.40455	0.064348	0.517757	-1.93141	0.000864372	0.20519	-4.87353	0.0296811	2.24936	2.24936	0.204175	0.654155	-1.52869	12.0244	19.1039	1.41223	1
cg20494992	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00108665	0.000121082	0.151295	-6.60961	0.737631	0.909774	-1.09917	0.555804	1.18244	1.18244	0.0824227	1.71786	1.71786	0.000809226	0.241443	-4.14176	0.00575997	0.361423	-2.76684	0.00310399	0.320494	-3.12019	0.804743	0.932707	-1.07215	0.0593329	0.549517	-1.81978	11.4921	14.3973	1.1136	1
cg04908472	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00118628	0.296162	0.785871	-1.27247	0.756455	1.07165	1.07165	0.00205659	0.380666	-2.62697	0.4413	0.83974	-1.19085	4.29E-05	0.177443	-5.63561	0.0394474	0.588647	-1.69881	0.00459286	0.432041	-2.31459	0.346019	1.24095	1.24095	0.0105634	0.488959	-2.04516	11.2085	8.78387	0.696604	1
cg03089923	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00128589	0.0023392	0.329408	-3.03575	0.431558	0.810721	-1.23347	0.322921	1.30589	1.30589	0.328853	1.30138	1.30138	3.17E-05	0.120177	-8.32109	0.327327	0.767734	-1.30253	0.815865	0.940848	-1.06287	0.605821	1.14576	1.14576	0.0235203	0.493063	-2.02814	10.9532	11.8529	0.961904	1
cg06403317	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.001788	0.0102849	0.174621	-5.72667	0.000274514	0.0401215	-24.9243	0.100112	0.37823	-2.64389	0.109598	0.390103	-2.56343	0.0154696	0.201285	-4.96808	0.0219003	0.22671	-4.41091	0.000660226	0.0599089	-16.692	0.000652586	0.0596044	-16.7773	0.0132586	0.190828	-5.24032	9.96109	45.9435	4.09982	1
cg01604628	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00197198	0.000626278	0.194495	-5.14152	0.640926	0.863949	-1.15748	0.0092287	2.7979	2.7979	0.851095	0.943171	-1.06025	0.0190622	0.41334	-2.41931	0.0202759	0.418394	-2.39009	0.00140013	0.236738	-4.22409	0.340358	1.35787	1.35787	0.0153684	0.396084	-2.52472	9.68161	14.8627	1.36457	1
cg12858701	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00219307	0.00151029	0.121822	-8.20868	0.00543467	0.185492	-5.39108	0.00882689	0.215338	-4.64387	0.0892804	0.421896	-2.37025	0.00829465	0.211311	-4.73236	0.0116704	0.234191	-4.27002	0.0001896	0.0551159	-18.1436	0.121366	0.461378	-2.16742	0.00398794	0.168205	-5.94511	9.38594	31.5342	2.98642	1
cg03384318	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00287654	0.00920222	0.127157	-7.86429	0.00058805	0.0364346	-27.4464	0.0817235	0.300224	-3.33084	0.104852	0.33106	-3.0206	0.0199793	0.173537	-5.76247	0.0133539	0.147858	-6.76326	0.00104271	0.0484482	-20.6406	0.00118076	0.051438	-19.4409	0.0132838	0.147546	-6.77754	8.66549	53.388	5.47644	1
cg07168930	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00312337	0.00232948	0.150333	-6.65192	0.051185	0.371668	-2.69057	0.102466	0.450904	-2.21777	0.886364	0.938253	-1.06581	0.000878112	0.108243	-9.23847	0.0379969	0.34224	-2.92193	0.000697817	0.0997509	-10.025	0.231357	1.74993	1.74993	0.0272377	0.311994	-3.20519	8.45625	26.6083	2.79696	1
cg17421021	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00446307	0.000126653	0.207319	-4.82349	0.135213	0.684005	-1.46198	0.119428	0.671303	-1.48964	0.533026	1.16058	1.16058	0.00725783	0.441813	-2.2634	0.437787	0.829712	-1.20524	0.75763	0.929595	-1.07574	0.978799	0.993752	-1.00629	0.00834687	0.451576	-2.21447	7.59669	6.69273	0.783117	1
cg18464364	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00498743	0.0146332	0.447826	-2.23301	0.176211	0.68094	-1.46856	0.434228	0.807966	-1.23768	0.615272	0.873349	-1.14502	0.0140583	0.444762	-2.24839	0.00614062	0.384624	-2.59994	0.000179097	0.183464	-5.45066	0.899296	1.03441	1.03441	0.0315399	0.509732	-1.96181	7.34424	8.30722	1.00544	1
cg26775558	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00565596	0.0689131	0.566673	-1.76469	0.180372	0.672393	-1.48723	0.815129	0.936739	-1.06753	0.0255437	2.09665	2.09665	0.00841	0.390972	-2.55773	0.607306	0.865336	-1.15562	0.000675406	0.234504	-4.26431	0.0703569	1.75833	1.75833	0.0999838	0.604766	-1.65353	7.06657	8.71295	1.09598	1
cg04557665	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00667905	0.513609	1.08118	1.08118	0.843178	1.02361	1.02361	0.00113195	1.75838	1.75838	0.323829	0.886868	-1.12756	0.738337	1.04029	1.04029	0.0348454	0.748427	-1.33614	0.207832	1.16939	1.16939	0.317134	0.885287	-1.12958	0.00157259	1.7074	1.7074	6.71249	1.47585	0.195437	1
cg10520079	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00712685	0.00175045	0.285428	-3.50351	0.00295325	0.317557	-3.14904	0.190134	0.677045	-1.47701	0.178803	0.669341	-1.49401	0.00245992	0.306097	-3.26694	0.723795	1.10487	1.10487	0.0814947	0.581159	-1.7207	0.691937	1.11844	1.11844	0.0123596	0.416678	-2.39994	6.57816	8.2308	1.11221	1
cg02528953	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00773296	0.0201214	0.550094	-1.81787	0.749079	0.933875	-1.07081	0.318159	0.802551	-1.24603	0.21764	1.31849	1.31849	0.000270388	0.279922	-3.57243	0.0465694	0.615151	-1.62562	0.210412	0.754762	-1.32492	0.186076	1.34833	1.34833	0.163336	0.72821	-1.37323	6.4122	4.61538	0.639805	1
cg03683087	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00856311	0.004681	0.134653	-7.42652	0.673482	0.797702	-1.2536	0.168864	0.457585	-2.18538	0.15245	0.441579	-2.2646	0.00067825	0.062651	-15.9614	0.961966	0.974889	-1.02576	0.0214173	0.228982	-4.36716	0.230714	1.95526	1.95526	0.0207343	0.226499	-4.41503	6.20948	27.9698	4.00389	1
cg19226647	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00953749	0.919937	1.04517	1.04517	0.00499893	0.195497	-5.11517	0.466868	0.722302	-1.38446	0.890931	1.06214	1.06214	0.0600389	0.393721	-2.53987	0.614128	1.2503	1.2503	0.00152253	0.134573	-7.43093	0.598114	1.26329	1.26329	0.0186233	3.50201	3.50201	6.00066	18.3477	2.71788	1
cg15018122	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.00965451	0.0254153	0.550748	-1.81571	0.129328	0.692136	-1.4448	0.71116	0.919879	-1.0871	0.0446884	1.67783	1.67783	0.00167071	0.364465	-2.74375	0.767237	0.935526	-1.06892	0.204179	0.740175	-1.35103	0.0398193	1.70504	1.70504	0.0276687	0.557367	-1.79415	5.97737	4.77262	0.709732	1
cg11140344	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0103894	0.000594135	0.13447	-7.43661	0.0136169	0.315055	-3.17405	0.0127589	0.310101	-3.22476	0.206668	0.604114	-1.65532	0.017444	0.334496	-2.98957	0.436461	0.74051	-1.35042	0.591841	1.2273	1.2273	0.766653	0.893495	-1.1192	0.685703	1.16644	1.16644	5.83874	13.2419	2.01594	1
cg04064032	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0122973	0.019878	0.426531	-2.34449	0.838525	0.940029	-1.0638	0.0886711	0.565968	-1.76689	0.56961	0.840142	-1.19027	0.00170312	0.257134	-3.88902	0.0361339	0.477783	-2.093	0.00196126	0.26539	-3.76804	0.644899	0.868789	-1.15103	0.0283704	0.456432	-2.19091	5.52937	8.04504	1.2933	1
cg18265249	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0136204	0.374164	0.864146	-1.15721	0.00175348	0.48979	-2.04169	0.00765833	0.577723	-1.73093	0.027571	0.658984	-1.51749	0.59016	0.916646	-1.09093	0.890753	1.02224	1.02224	0.374422	1.15712	1.15712	0.027551	0.658936	-1.5176	0.0169891	0.627561	-1.59347	5.34793	2.17004	0.360686	1
cg10607059	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0136798	0.559126	0.729787	-1.37026	0.106963	2.55594	2.55594	0.161141	0.450194	-2.22127	0.0798769	2.81896	2.81896	0.0325462	3.79695	3.79695	0.00710872	0.156564	-6.38716	0.056509	0.316213	-3.16242	0.0206798	0.226324	-4.41845	0.331622	1.70598	1.70598	5.3403	24.0511	4.00329	1
cg00919118	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0154384	?	?	?	0.054299	0.532435	-1.87816	0.159005	1.52908	1.52908	0.828198	1.0617	1.0617	0.00670706	0.342875	-2.91651	?	?	?	?	?	?	0.0218236	0.443971	-2.2524	0.0114664	0.38715	-2.58298	7.11233	5.42194	0.76233	1
cg23951816	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0155166	0.00847864	0.114026	-8.76994	0.0355963	0.205856	-4.85777	0.156076	0.375132	-2.66573	0.064221	0.260887	-3.83308	0.0120831	0.1324	-7.55288	0.0208643	0.165847	-6.02965	0.00209799	0.0610494	-16.3802	0.981605	0.985213	-1.01501	0.035531	0.205704	-4.86136	5.12293	33.8741	5.87756	1
cg24861253	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.017522	0.00405291	0.0811701	-12.3198	0.0153122	0.144099	-6.93965	0.38833	0.56252	-1.77771	0.357581	0.54028	-1.85089	0.0212188	0.164881	-6.06496	0.0163518	0.148083	-6.75296	0.00582691	0.0954084	-10.4813	0.25323	0.460013	-2.17385	0.0179826	0.154024	-6.49249	4.9194	32.9919	5.96133	1
cg19279080	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0180004	0.0172781	0.100796	-9.92108	0.0209294	0.110957	-9.01247	0.356915	0.472525	-2.11638	0.906047	0.910809	-1.09793	0.0155065	0.0940668	-10.6307	0.0369417	0.147009	-6.8023	0.00123898	0.0238066	-41.9006	0.667097	0.710065	-1.40832	0.01243	0.265943	-3.7602	4.87509	48.339	8.81378	1
cg18842107	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0190355	0.230397	0.663917	-1.50621	0.00210292	0.244602	-4.08827	0.00986546	0.345915	-2.89088	0.0980072	0.553855	-1.80553	0.0712513	0.518982	-1.92685	0.578273	1.20058	1.20058	0.108914	1.76674	1.76674	0.334169	0.712874	-1.40277	0.0923431	0.547139	-1.82769	4.78404	8.02922	1.49185	1
cg16310045	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.019147	0.00343628	0.287931	-3.47306	0.961487	0.984986	-1.01524	0.105019	0.574103	-1.74185	0.0954119	0.563315	-1.77521	0.0234576	0.428266	-2.335	0.331182	0.730443	-1.36903	0.0120206	0.374793	-2.66814	0.266885	1.43675	1.43675	0.0130538	0.381092	-2.62404	4.776	7.42166	1.38169	1
cg19084061	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0195607	0.00492177	0.294035	-3.40096	0.155381	1.64796	1.64796	0.0165012	2.61823	2.61823	0.887112	0.954401	-1.04778	0.186501	1.58429	1.58429	0.119027	1.74352	1.74352	0.169303	0.618096	-1.61787	0.0978654	1.81606	1.81606	0.121314	1.73659	1.73659	4.74016	8.10488	1.51985	1
cg09655100	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0200934	0.0257426	0.315397	-3.1706	0.233105	1.70557	1.70557	0.0976618	4.21534	4.21534	0.0325382	0.337053	-2.96689	0.495825	0.74539	-1.34158	0.0478961	0.375588	-2.66249	?	?	?	0.110538	0.473738	-2.11087	0.466369	1.37036	1.37036	5.31812	13.1718	2.16717	1
cg11038332	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0237719	0.10749	0.721669	-1.38568	0.812049	0.698405	-1.43183	0.893572	1.02517	1.02517	0.0803844	0.697581	-1.43352	0.00385872	0.485342	-2.0604	0.289739	0.81543	-1.22635	0.00240072	0.455962	-2.19317	0.0374419	0.638662	-1.56577	0.139902	0.744586	-1.34303	4.43403	2.42129	0.485396	1
cg00831931	TCF7L2	0.0247425	0.00314419	0.221454	-4.5156	0.0214909	0.356481	-2.8052	0.545592	0.795782	-1.25663	0.485724	1.30283	1.30283	0.0375943	0.406224	-2.4617	0.0704671	0.470001	-2.12766	0.0892911	0.496724	-2.01319	0.140408	1.80813	1.80813	0.267786	0.649791	-1.53896	4.37294	9.65926	1.96344	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09679202	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0285142	0.00102258	0.254865	-3.92364	0.28201	1.36875	1.36875	0.976222	0.991667	-1.0084	0.892676	0.962808	-1.03863	0.0232816	0.467043	-2.14113
cg16491547	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0301795	0.0525905	0.285358	-3.50437	0.0889119	0.343794	-2.90872	0.857479	0.902765	-1.10771	0.999089	1.00065	1.00065	0.0046164	0.117081	-8.54112
ch.10.2414746F	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0388868	0.00322845	0.163284	-6.12429	0.521796	0.746141	-1.34023	0.38051	0.666498	-1.50038	0.0108474	0.236238	-4.23302	0.0364553	0.334003	-2.99399
cg18745752	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0411654	0.194207	0.690349	-1.44854	0.0240926	0.483952	-2.06632	0.0922007	1.64882	1.64882	0.421415	1.24805	1.24805	0.112275	0.627201	-1.59439
cg09760081	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0444144	0.105008	0.812728	-1.23042	0.217436	1.16403	1.16403	0.0283663	1.35379	1.35379	0.343722	0.892105	-1.12094	0.789773	1.03177	1.03177
cg04635277	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0477872	0.0181732	0.1929	-5.18404	0.0282538	0.226225	-4.42038	0.0633793	0.30183	-3.31312	0.090193	0.342519	-2.91954	0.0388336	0.253474	-3.94518
cg06978021	TCFL5	0.00285634	0.923194	1.0349	1.0349	0.509664	1.2686	1.2686	0.0973611	1.91	1.91	0.00048306	0.142715	-7.00697	0.707952	1.14323	1.14323
cg24754336	TCFL5	0.0158985	0.00411216	2.72612	2.72612	0.0332814	0.522947	-1.91224	0.41139	0.803438	-1.24465	0.00619595	2.53452	2.53452	0.109582	0.634748	-1.57543
cg01412764	TCFL5	0.0233927	0.54224	0.79337	-1.26045	0.00986119	0.294153	-3.39959	0.0161052	0.33124	-3.01896	0.914722	0.960606	-1.04101	0.226366	0.620881	-1.61061
cg07740877	TCFL5	0.0264488	0.00603999	0.114564	-8.72874	0.106969	2.69163	2.69163	0.659169	1.27426	1.27426	0.0628469	0.303831	-3.2913	0.137913	0.408918	-2.44548
cg09037581	TCFL5	0.035642	0.88767	0.913327	-1.0949	0.913604	1.0721	1.0721	0.103267	3.13651	3.13651	0.99967	0.999734	-1.00027	0.888258	0.913764	-1.09437
cg19907964	TCFL5	0.0477702	0.0146606	0.242861	-4.11757	0.018934	0.262223	-3.81355	0.167802	0.500372	-1.99851	0.396152	0.66414	-1.50571	0.00687662	0.192395	-5.19764
cg24880024	TCHH	2.95E-06	3.74E-06	2.82607	2.82607	0.000386798	1.72319	1.72319	0.000385622	1.72362	1.72362	0.00551007	1.42008	1.42008	0.0155496	0.751846	-1.33006
cg26685752	TCHH	5.00E-06	1.08E-06	0.0533532	-18.743	3.58E-05	0.159432	-6.27226	0.39112	0.816741	-1.22438	0.0117562	2.06474	2.06474	0.914661	1.025	1.025
cg22603037	TCHH	2.95E-05	3.18E-05	0.0840261	-11.9011	8.75E-05	0.116458	-8.58675	0.000417944	0.180778	-5.53164	0.000536537	0.192713	-5.18906	0.000636365	0.201138	-4.97172
cg02211983	TCHH	0.000503716	0.000333693	0.154751	-6.46201	4.21E-05	0.0810747	-12.3343	0.00491261	0.300784	-3.32465	0.0128515	0.369374	-2.70728	0.000807366	0.196031	-5.10123
cg05642734	TCHH	0.000669817	0.00283431	4.5651	4.5651	0.0741934	2.08545	2.08545	0.321732	1.45961	1.45961	0.395665	1.37899	1.37899	0.0238474	0.369303	-2.70781
cg14661959	TCHH	0.000783204	0.177089	1.32714	1.32714	0.111701	0.710528	-1.4074	0.181864	0.756116	-1.32255	0.388051	1.19068	1.19068	0.0836329	1.45897	1.45897
cg05464302	TCHH	0.00264354	0.892597	0.985045	-1.01518	0.42165	1.09588	1.09588	0.866344	0.981387	-1.01897	0.0106288	0.698857	-1.43091	0.0463624	0.775283	-1.28985
cg16689481	TCHH	0.00326062	0.0903196	0.659888	-1.51541	0.176721	1.37689	1.37689	0.190818	0.734544	-1.36139	0.0941076	0.663696	-1.50672	0.004284	0.427019	-2.34182
cg11166365	TCHH	0.0036116	0.000718019	0.213386	-4.68634	0.00251959	0.284087	-3.52005	0.0867521	0.566905	-1.76396	0.573018	1.18633	1.18633	0.00684439	0.349642	-2.86007
cg03438305	TCHH	0.00371834	0.390367	1.17491	1.17491	0.000250263	3.02354	3.02354	0.167993	0.764065	-1.30879	0.870992	0.970673	-1.03021	0.665708	0.923478	-1.08286
cg04986781	TCHH	0.00427571	0.379588	1.414	1.414	0.00214014	5.24635	5.24635	0.544952	1.26549	1.26549	0.0909383	0.488861	-2.04557	0.142239	1.83368	1.83368
cg20592707	TCHH	0.00442884	0.000681823	0.0466482	-21.437	0.00144927	0.0660305	-15.1445	0.0672745	0.297896	-3.35688	0.0284961	0.217283	-4.60229	0.011691	0.155578	-6.42766
cg10234068	TCHH	0.00516538	0.021027	0.615496	-1.62471	0.294929	1.20915	1.20915	0.0487862	1.4821	1.4821	0.569932	0.90448	-1.10561	0.0322299	0.644987	-1.55042
cg04938315	TCHH	0.0294897	0.0134849	3.25957	3.25957	0.125404	1.89793	1.89793	0.0417382	2.4764	2.4764	0.00484131	4.2359	4.2359	0.0824737	2.10242	2.10242
cg23021650	TCHH	0.0309252	0.00682719	0.0959291	-10.4244	0.0436075	0.211835	-4.72066	0.0249672	0.167875	-5.95683	0.152018	0.358246	-2.79138	0.981392	0.98452	-1.01572
cg10827479	TCHHL1	0.000868724	0.00236252	0.177506	-5.63362	0.000518349	0.110015	-9.08969	0.000839479	0.129019	-7.7508	0.39048	0.698597	-1.43144	0.0041653	0.209019	-4.78425
cg01925883	TCHHL1	0.00599819	0.00516468	0.0568397	-17.5933	0.00246897	0.0380527	-26.2793	0.0478747	0.172624	-5.79293	0.714507	0.751779	-1.33018	0.0138178	0.0941397	-10.6225
cg05388137	TCHHL1	0.0229625	0.0200293	0.0935388	-10.6908	0.00887241	0.0600915	-16.6413	0.0329386	0.12172	-8.21556	0.19409	0.31351	-3.18969	0.0627651	0.170721	-5.8575
cg08918985	TCHHL1;TCHHL1	0.0336849	0.00974469	0.0822472	-12.1585	0.00917752	0.0798149	-12.529	0.0287397	0.139293	-7.17911	0.141039	0.298285	-3.3525	0.039096	0.161273	-6.20066
cg15130302	TCHP;TCHP	0.000395866	0.000119909	0.454975	-2.19793	0.146815	1.20006	1.20006	0.12418	1.21529	1.21529	0.000874398	0.557333	-1.79426	7.81E-05	0.432944	-2.30977
cg13484329	TCHP;TCHP	0.000645598	0.197393	0.768087	-1.30194	0.713044	1.07415	1.07415	0.000241624	0.308539	-3.24108	0.461498	0.864883	-1.15623	0.00028943	0.318265	-3.14204
cg06959021	TCHP;TCHP	0.00322528	0.0473223	1.77098	1.77098	0.0282359	1.92031	1.92031	0.970007	1.00951	1.00951	0.614818	1.13632	1.13632	0.0674327	0.596843	-1.67548
cg01831743	TCHP;TCHP	0.00525311	0.463667	0.86164	-1.16058	0.0660361	0.662516	-1.5094	0.079608	0.678121	-1.47466	0.125306	0.718038	-1.39268	0.000504571	0.337735	-2.9609
cg00066508	TCHP;TCHP	0.0143465	0.0380947	0.677745	-1.47548	0.753755	0.950356	-1.05224	0.274861	0.832079	-1.20181	0.354763	0.857237	-1.16654	0.000505005	0.414932	-2.41003
cg24331384	TCHP;TCHP	0.0159629	0.0352333	0.35068	-2.8516	0.0212926	3.26278	3.26278	0.124525	0.491367	-2.03514	0.402414	1.44215	1.44215	0.0372933	0.356017	-2.80885
cg07360201	TCHP;TCHP	0.0305326	0.0295087	0.72701	-1.3755	0.00659898	0.644867	-1.55071	0.157065	0.828419	-1.20712	0.654908	0.945579	-1.05755	0.492349	0.91692	-1.09061
cg16428631	TCHP;TCHP;TCHP	0.00279703	0.0783479	0.820797	-1.21833	0.07547	1.22121	1.22121	0.200888	0.872478	-1.14616	0.0275173	1.30114	1.30114	0.000138919	0.514371	-1.94412
cg06279471	TCIRG1	0.00927215	0.00210552	3.60759	3.60759	0.0113475	2.56109	2.56109	0.0383954	2.03756	2.03756	0.0821859	1.77055	1.77055	0.750819	1.09913	1.09913
cg11671925	TCIRG1	0.0145892	0.247389	1.76669	1.76669	0.00370993	6.3273	6.3273	0.0101577	4.59765	4.59765	0.00609164	5.39226	5.39226	0.789956	1.13386	1.13386
cg01845451	TCIRG1	0.0472385	0.0886154	0.468484	-2.13454	0.008386	3.89398	3.89398	0.408655	1.40655	1.40655	0.700222	0.855414	-1.16902	0.0822644	0.45975	-2.17509
cg02322435	TCIRG1;TCIRG1	0.00586663	0.437741	0.73802	-1.35498	0.979575	1.00987	1.00987	0.392404	0.71444	-1.3997	0.915491	0.960082	-1.04158	5.45E-05	0.0558299	-17.9115
cg25367890	TCIRG1;TCIRG1	0.00754574	0.531323	0.89658	-1.11535	0.0020231	2.11612	2.11612	0.0695625	1.41829	1.41829	0.193322	1.26742	1.26742	0.00113235	0.438393	-2.28106
cg05475485	TCIRG1;TCIRG1	0.00913839	0.0946711	0.814257	-1.22811	0.169668	0.849048	-1.17779	0.599089	1.06114	1.06114	0.370117	1.10845	1.10845	0.640673	0.948773	-1.05399
cg05763664	TCIRG1;TCIRG1	0.0141559	0.00427524	0.211052	-4.73816	0.188996	0.56757	-1.7619	0.0298875	0.353465	-2.82914	0.494581	0.754044	-1.32618	0.00192039	0.167351	-5.97548
cg18456140	TCIRG1;TCIRG1	0.0243742	0.157451	0.503491	-1.98613	0.316443	1.60018	1.60018	0.0295154	0.312433	-3.20068	0.500497	0.733151	-1.36398	0.0009464	0.106728	-9.36957
cg08932343	TCIRG1;TCIRG1	0.0320788	0.69066	0.872436	-1.14622	0.0500856	0.466666	-2.14286	0.20063	0.630557	-1.5859	0.318878	0.703673	-1.42112	0.00136127	0.204727	-4.88454
cg25439758	TCIRG1;TCIRG1	0.0420972	0.407753	0.630608	-1.58577	0.0355974	0.263975	-3.78824	0.00905293	0.164271	-6.08749	0.156808	0.438428	-2.28088	0.00401508	0.121877	-8.20502
cg04743859	TCIRG1;TCIRG1	0.0422789	0.126069	0.577991	-1.73013	0.0384479	0.4519	-2.21288	0.368927	1.35748	1.35748	0.712582	1.13037	1.13037	0.100063	0.55057	-1.8163
cg23114311	TCL1A;TCL1A	0.00171381	0.0811316	1.54594	1.54594	0.131563	1.44301	1.44301	0.443258	1.19256	1.19256	0.83636	0.954474	-1.0477	0.00319582	2.47644	2.47644
cg14468007	TCL1A;TCL1A	0.00251368	0.25771	0.841252	-1.1887	0.433935	1.12396	1.12396	0.0920216	1.31187	1.31187	0.0139035	0.640979	-1.56011	0.000513563	0.452214	-2.21134
cg13282837	TCL1A;TCL1A	0.0127695	0.0157036	3.65946	3.65946	0.0053839	4.98021	4.98021	0.243339	1.70725	1.70725	0.227476	1.74213	1.74213	0.0274985	3.13407	3.13407
cg07445246	TCL1A;TCL1A	0.014383	0.0261363	4.40222	4.40222	0.0146687	5.40527	5.40527	0.914239	1.06237	1.06237	0.61701	1.32732	1.32732	0.23926	1.99799	1.99799
cg17717124	TCL1A;TCL1A	0.0370705	0.0343429	3.43133	3.43133	0.0415848	3.23334	3.23334	0.448206	1.47117	1.47117	0.232507	1.8689	1.8689	0.0909807	0.394572	-2.53439
cg14127336	TCL1A;TCL1A	0.0375054	0.113869	1.39855	1.39855	0.137762	1.36571	1.36571	0.880986	1.02965	1.02965	0.10176	1.41811	1.41811	0.19448	0.765169	-1.3069
cg16696317	TCL1A;TCL1A;TCL1A;TCL1A	0.000700274	0.0126473	2.15516	2.15516	0.283241	1.31809	1.31809	0.70508	1.09877	1.09877	0.898093	1.03225	1.03225	0.0123423	2.16358	2.16358
cg04225760	TCL1B;TCL1B	7.79E-05	0.0128961	1.47099	1.47099	7.71E-06	0.293094	-3.41187	0.00149198	1.77275	1.77275	0.0235062	1.40245	1.40245	0.000985205	1.84463	1.84463
cg05402891	TCL1B;TCL1B	0.00300068	0.265483	0.582519	-1.71668	0.000408966	0.0732238	-13.6568	0.0145717	0.246312	-4.0599	0.135648	0.472871	-2.11474	0.00384779	0.163011	-6.13456
cg15413025	TCL1B;TCL1B	0.00372335	0.000575403	0.29854	-3.34963	0.0147007	0.505954	-1.97647	0.302859	1.27396	1.27396	0.02253	1.85866	1.85866	0.416583	0.828318	-1.20727
cg01018864	TCL1B;TCL1B	0.00612633	0.496485	0.877127	-1.14009	0.0286284	0.612458	-1.63277	0.0673142	0.677531	-1.47595	0.997036	1.00071	1.00071	0.000449773	0.34971	-2.85951
cg26578639	TCL1B;TCL1B	0.00873733	0.0370088	2.08859	2.08859	0.000495625	0.190546	-5.24808	0.311667	1.37476	1.37476	0.380186	1.31487	1.31487	0.0689519	1.85688	1.85688
cg27504299	TCL1B;TCL1B	0.00944303	0.114683	0.751112	-1.33136	0.132849	0.762977	-1.31066	0.00250082	0.496253	-2.0151	0.363877	0.855844	-1.16844	0.51127	1.11756	1.11756
cg02171093	TCL1B;TCL1B	0.0105163	0.0338856	1.42174	1.42174	0.0171282	0.661799	-1.51103	0.712236	0.948727	-1.05404	0.938214	1.01107	1.01107	0.311928	0.861902	-1.16022
cg03043804	TCL1B;TCL1B	0.0443705	0.0498447	0.176124	-5.67783	0.0139101	0.0945326	-10.5784	0.190812	0.34118	-2.931	0.301947	0.435966	-2.29376	0.0287907	0.135109	-7.40141
cg13771579	TCL1B;TCL1B;TCL1B;TCL1B	0.0263616	0.636535	0.895139	-1.11715	0.00241567	0.374097	-2.6731	0.717562	0.918938	-1.08821	0.382559	0.811884	-1.2317	0.0249846	0.537552	-1.86028
cg03050975	TCL6	0.00083522	0.0148675	0.634161	-1.57689	3.19E-05	0.292038	-3.42421	0.19887	0.813511	-1.22924	0.018735	0.648511	-1.54199	0.198946	0.813543	-1.22919
cg05093429	TCL6	0.000977627	0.00773716	0.336264	-2.97385	0.0156798	0.389222	-2.56923	0.137357	0.600628	-1.66492	0.153155	0.614257	-1.62798	6.43E-05	0.0962856	-10.3858
cg07734106	TCL6	0.00504735	0.314594	1.19207	1.19207	0.017253	1.63249	1.63249	0.0154028	1.65255	1.65255	0.567129	1.10266	1.10266	0.685844	1.07112	1.07112
cg18114811	TCL6	0.00570629	0.00959641	0.215115	-4.64867	0.00290949	0.146992	-6.80309	0.0154435	0.248458	-4.02483	0.0551073	0.360939	-2.77055	0.0011977	0.108141	-9.24717
cg07960360	TCL6	0.00740418	0.705684	1.10295	1.10295	0.000343441	0.225722	-4.43024	0.0622013	0.581465	-1.71979	0.151891	0.672694	-1.48656	0.150241	0.671463	-1.48928
cg16209310	TCL6	0.0295423	0.865575	0.974241	-1.02644	0.0478973	1.41676	1.41676	0.0621163	1.38195	1.38195	0.296928	1.18124	1.18124	0.234406	0.825315	-1.21166
cg07036035	TCL6	0.0404673	0.417459	0.843067	-1.18615	0.277343	1.26206	1.26206	0.127332	0.711999	-1.4045	0.553903	0.883951	-1.13128	0.182769	0.747318	-1.33812
cg20018806	TCN1	0.00772611	0.00132496	0.0540407	-18.5046	0.112351	0.339528	-2.94527	0.0277531	0.196791	-5.08153	0.0222546	0.180471	-5.54106	0.619601	0.73146	-1.36713
cg23741006	TCN1	0.00857074	0.00493437	0.0619431	-16.1438	0.00895942	0.0834825	-11.9786	0.0297325	0.147918	-6.7605	0.0429396	0.175487	-5.69842	0.0150165	0.10719	-9.3292
cg03928812	TCN1	0.019598	0.00541239	0.0439847	-22.7352	0.00603202	0.0468243	-21.3564	0.0707016	0.178438	-5.60418	0.060093	0.163675	-6.10967	0.272237	0.377098	-2.65183
cg00187686	TCN1	0.0297625	0.0110614	0.065819	-15.1932	0.00788567	0.0544588	-18.3625	0.0212316	0.0939575	-10.6431	0.221751	0.334001	-2.994	0.062739	0.167285	-5.97781
cg20400904	TCN1	0.0470184	0.0190228	0.0953345	-10.4894	0.151925	0.280621	-3.56352	0.0548799	0.164891	-6.06461	0.131306	0.259579	-3.8524	0.0350745	0.130977	-7.63492
cg04081402	TCN2	0.00804092	0.777727	1.05714	1.05714	0.0287504	0.602629	-1.6594	0.199388	1.30503	1.30503	0.000840406	2.6811	2.6811	0.368228	0.834044	-1.19898
cg04242245	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.0108425	0.000992182	0.421834	-2.3706	0.0658217	0.694765	-1.43934	0.0131862	0.581501	-1.71969	0.430095	0.867539	-1.15269	0.248545	0.808313	-1.23714
cg02410959	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.000182145	0.000653384	0.479843	-2.08402	0.000829031	2.02881	2.02881	0.000288121	2.29681	2.29681	0.000364424	2.2318	2.2318	0.188247	0.822054	-1.21647
cg25346175	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.00506089	0.723382	0.902971	-1.10746	0.239863	0.70226	-1.42397	?	?	?	0.568324	0.847376	-1.18011	0.192098	0.672635	-1.48669
cg09825414	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.0309726	0.0260193	0.42022	-2.3797	0.106464	0.560746	-1.78334	0.229575	0.661183	-1.51244	0.90096	0.959965	-1.0417	0.00698732	0.318249	-3.1422
cg19910648	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.0331387	0.729386	0.947789	-1.05509	0.012022	0.616505	-1.62205	0.251401	0.831081	-1.20325	0.811243	1.03763	1.03763	0.142873	0.784149	-1.27527
cg08500159	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.0411433	0.176796	0.550564	-1.81632	0.00676157	0.232393	-4.30305	0.160029	0.535806	-1.86635	0.0615558	2.39977	2.39977	0.142527	0.519317	-1.92561
cg03708230	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.0476539	0.00731281	0.480755	-2.08006	0.207079	1.32547	1.32547	0.746456	1.07112	1.07112	0.104147	1.45681	1.45681	0.222456	0.762222	-1.31195
cg17797360	TCP10	0.00923721	0.027558	0.353612	-2.82796	0.85136	0.927898	-1.0777	0.323777	1.50163	1.50163	0.788122	0.898113	-1.11345	0.000903434	0.137932	-7.24994
cg15150310	TCP10	0.0282271	0.0981142	0.582645	-1.71631	0.622976	1.15897	1.15897	0.0380335	0.488692	-2.04628	0.171405	0.648217	-1.54269	0.0017803	0.265989	-3.75955
cg24134481	TCP10	0.0454171	0.615076	1.09028	1.09028	0.126228	0.754247	-1.32583	0.122484	0.751776	-1.33018	0.0185602	1.62686	1.62686	0.351598	1.17754	1.17754
cg16417831	TCP10L	0.000582737	0.0020601	0.285233	-3.5059	0.000380227	0.193923	-5.15667	0.000704492	0.224848	-4.44746	0.220787	0.689347	-1.45065	0.000275144	0.178779	-5.59349
cg01680782	TCP10L	0.0189595	0.00283656	0.288614	-3.46484	0.207154	0.668827	-1.49516	0.0771959	0.552064	-1.81138	0.0036939	0.305331	-3.27514	0.206124	0.66815	-1.49667
cg01274324	TCP10L	0.0213977	0.131534	0.572722	-1.74605	0.00335626	0.255062	-3.92061	0.00180033	0.218714	-4.57218	0.351555	0.7202	-1.3885	0.0334385	0.427075	-2.34151
cg20857253	TCP10L	0.0328985	0.0166985	0.279467	-3.57824	0.113874	0.472119	-2.11811	0.016503	0.278554	-3.58996	0.558401	1.29464	1.29464	0.00685096	0.216966	-4.60902
cg11121709	TCP10L2	0.000353299	8.92E-05	0.315584	-3.16873	0.0501752	1.40413	1.40413	0.0303441	0.677799	-1.47536	0.000157682	0.348473	-2.86967	0.000429214	0.408093	-2.45042
cg25005135	TCP10L2	0.00175981	0.6217	1.0889	1.0889	0.000393992	2.62914	2.62914	0.000501311	2.53934	2.53934	0.0870375	0.723561	-1.38205	0.0707602	1.41303	1.41303
cg03612452	TCP10L2	0.00224378	0.991244	0.998081	-1.00192	0.0057422	1.88467	1.88467	0.111816	0.738518	-1.35406	0.678787	0.9297	-1.07562	0.00188324	0.4624	-2.16263
cg03852551	TCP10L2	0.00549971	0.000584944	0.282331	-3.54194	0.118241	0.66792	-1.49719	0.00863999	0.450834	-2.21811	0.0559679	0.597401	-1.67392	0.00179136	0.347386	-2.87864
cg10426017	TCP10L2	0.0203006	0.34613	0.705068	-1.4183	0.951388	1.0222	1.0222	0.0333385	0.40829	-2.44924	0.452561	0.759092	-1.31736	0.0161218	0.346301	-2.88766
cg24749362	TCP10L2	0.0450703	0.0352661	0.153778	-6.50286	0.464708	0.566562	-1.76503	0.0939787	4.07995	4.07995	0.328449	0.462929	-2.16016	0.00673819	0.0683974	-14.6204
cg21646955	TCP11;TCP11	3.27E-05	0.00416846	1.74218	1.74218	0.0102382	1.59677	1.59677	0.0816707	1.32178	1.32178	0.395857	1.13396	1.13396	0.00862409	1.62294	1.62294
cg11084470	TCP11;TCP11	0.000332244	0.00067183	0.311547	-3.20979	0.000896857	3.04807	3.04807	0.78385	1.06358	1.06358	0.00212808	2.63206	2.63206	0.00842781	0.470372	-2.12598
cg12835524	TCP11;TCP11	0.000405867	0.322556	1.20814	1.20814	0.330816	0.830542	-1.20403	0.000538474	0.369318	-2.70769	0.813089	1.0448	1.0448	0.323055	0.82789	-1.20789
cg01108476	TCP11;TCP11	0.0054219	0.335571	0.866799	-1.15367	0.598662	1.07946	1.07946	0.00131207	0.510024	-1.96069	0.0351967	0.702469	-1.42355	0.000837275	0.485053	-2.06163
cg19673462	TCP11;TCP11	0.005914	0.104539	0.771371	-1.29639	0.0165989	1.53422	1.53422	0.00165489	0.51752	-1.93229	0.665412	0.938328	-1.06573	0.0735708	0.74688	-1.3389
cg07923390	TCP11;TCP11	0.0138948	0.0128481	3.4032	3.4032	0.00605007	4.14217	4.14217	0.0991932	2.04719	2.04719	0.440626	0.73218	-1.36578	0.0696716	2.23493	2.23493
cg12090052	TCP11;TCP11	0.0176479	0.0919755	0.651931	-1.53391	0.0169082	1.95816	1.95816	0.077569	1.57214	1.57214	0.0337042	0.564399	-1.7718	0.138513	0.692263	-1.44454
cg05235151	TCP11;TCP11	0.0255768	0.0550013	0.372432	-2.68505	0.00514376	0.186855	-5.35174	0.0188189	0.274765	-3.63948	0.566809	0.768891	-1.30057	0.138394	0.484729	-2.06301
cg07649835	TCP11;TCP11	0.0367442	0.0259189	1.94605	1.94605	0.0503115	0.570181	-1.75383	0.0292915	0.523859	-1.90891	0.931915	1.02175	1.02175	0.0243503	0.50882	-1.96533
cg22407458	TCP11;TCP11;TCP11;TCP11	0.00091381	0.113929	1.5225	1.5225	0.0152697	2.07114	2.07114	0.00907969	2.24873	2.24873	0.65102	1.11774	1.11774	0.00640488	2.37972	2.37972
cg25299750	TCP11;TCP11;TCP11;TCP11	0.00132197	0.0821431	1.80393	1.80393	0.0300367	2.1853	2.1853	0.017393	2.42802	2.42802	0.245439	1.45085	1.45085	0.00911095	2.75908	2.75908
cg17485717	TCP11L1;TCP11L1	5.41E-05	0.340963	1.24942	1.24942	0.00164108	0.359483	-2.78177	0.000953437	0.327183	-3.05639	0.00960806	0.475251	-2.10415	4.92E-06	0.0939501	-10.6439
cg20078939	TCP11L1;TCP11L1	0.000296642	1.10E-05	0.572743	-1.74598	0.140071	0.909834	-1.0991	0.114145	0.902767	-1.10771	0.165318	1.09208	1.09208	0.762142	1.01823	1.01823
cg18001866	TCP11L1;TCP11L1	0.000850103	0.28598	1.38446	1.38446	0.558134	1.1899	1.1899	0.138629	1.59683	1.59683	0.181683	0.659539	-1.51621	0.0120999	0.399157	-2.50528
cg22272056	TCP11L1;TCP11L1	0.00531636	0.192024	1.53224	1.53224	0.0622458	1.91281	1.91281	0.504009	1.23309	1.23309	0.143138	1.62617	1.62617	0.000153755	0.134714	-7.42315
cg19812706	TCP11L1;TCP11L1	0.0109773	0.00107929	0.0488367	-20.4764	0.0463212	0.239855	-4.16919	0.0333714	0.21114	-4.73619	0.373604	0.56479	-1.77057	0.00194185	0.0644282	-15.5212
cg06292898	TCP11L1;TCP11L1	0.0203335	?	?	?	0.118698	1.39329	1.39329	0.885836	0.972259	-1.02853	0.892232	0.973804	-1.0269	0.0174574	0.567431	-1.76233
cg01470704	TCP11L1;TCP11L1	0.0204503	0.409109	0.76389	-1.30909	0.162925	1.61337	1.61337	0.0306723	2.28895	2.28895	0.75549	1.10447	1.10447	0.492377	0.800753	-1.24882
cg22128896	TCP11L1;TCP11L1	0.024436	0.071244	2.37007	2.37007	0.0111453	3.90625	3.90625	0.135164	1.99319	1.99319	0.148211	1.94305	1.94305	0.0585895	2.49689	2.49689
cg10769658	TCP11L1;TCP11L1	0.0381978	0.0982717	0.788841	-1.26768	0.004786	1.63198	1.63198	0.149221	1.22422	1.22422	0.987783	0.997999	-1.002	0.360279	1.13091	1.13091
cg27401681	TCP11L1;TCP11L1;TCP11L1	0.00444681	0.208299	0.862303	-1.15969	0.308399	0.888929	-1.12495	0.087659	0.810147	-1.23434	0.0852988	0.8086	-1.23671	0.598947	1.06106	1.06106
cg17567825	TCP11L1;TCP11L1;TCP11L1	0.0449981	0.0012773	0.362333	-2.75989	0.505198	1.15733	1.15733	0.550595	1.13941	1.13941	0.0835749	0.661079	-1.51268	0.509963	1.15539	1.15539
cg24005131	TCP11L2	0	?	?	?	?	?	?	0	0.761147	-1.31381	?	?	?	?	?	?
cg01439119	TCP11L2	0.0173438	0.149045	0.729105	-1.37155	0.0257399	0.582295	-1.71734	0.000773827	0.353827	-2.82624	0.934879	0.983453	-1.01683	0.0205333	0.565638	-1.76791
cg01869261	TCP11L2	0.0196037	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07278624	TCP11L2;TCP11L2	0.00694019	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23860321	TCP1;MRPL18;TCP1	0.0269999	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04794901	TCP1;TCP1	0.046357	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10562159	TCP1;TCP1;ACAT2	0.0339295	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22313322	TCP1;TCP1;MRPL18	0.00165082	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26143065	TCP1;TCP1;MRPL18	0.00250248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09679202	0.229387	0.701791	-1.42493	0.877788	0.957715	-1.04415	0.250388	0.713745	-1.40106	0.114112	0.617196	-1.62023	4.161	5.19507	1.10979	1
cg16491547	0.567484	0.719741	-1.38939	0.0106763	0.160998	-6.21127	0.781556	1.17138	1.17138	0.0126589	0.171429	-5.83331	4.07818	20.915	4.55868	1
ch.10.2414746F	0.293111	0.611462	-1.63542	0.0276419	0.308987	-3.23638	0.245209	0.57797	-1.73019	0.10831	0.453781	-2.20371	3.72155	11.9902	2.86385	1
cg18745752	0.251683	1.38138	1.38138	0.994284	1.00193	1.00193	0.0612055	1.7667	1.7667	0.0365786	0.519236	-1.92591	3.64431	4.20122	1.02473	1
cg09760081	0.193443	1.17478	1.17478	0.0141018	1.42568	1.42568	0.503449	1.08272	1.08272	0.021409	1.38207	1.38207	3.54284	0.768818	0.192894	1
cg04635277	0.0420361	0.260738	-3.83527	0.0300484	0.231275	-4.32386	0.131985	0.393433	-2.54173	0.0198855	0.199314	-5.01721	3.44675	17.9716	4.63473	1
cg06978021	0.00149147	0.196087	-5.09977	?	?	?	?	?	?	0.26528	1.51128	1.51128	9.12282	14.2188	1.78125	1
cg24754336	0.443991	1.22549	1.22549	0.873044	0.959189	-1.04255	0.510312	1.19005	1.19005	0.260336	1.35786	1.35786	5.08173	5.46395	0.955746	1
cg01412764	0.382381	0.714537	-1.39951	0.00818144	0.280917	-3.55977	0.0130682	0.315015	-3.17445	0.182836	1.69957	1.69957	4.45874	9.94132	1.98189	1
cg07740877	0.0145755	0.169555	-5.89779	?	?	?	0.83383	1.12132	1.12132	0.0449964	0.267272	-3.74151	5.46896	21.7631	2.98454	1
cg09037581	0.435369	0.600191	-1.66614	0.232217	0.447681	-2.23373	0.00088248	0.040876	-24.4642	0.595138	1.41064	1.41064	3.84174	25.0361	5.79276	1
cg19907964	0.321958	0.617601	-1.61917	0.0286564	0.296466	-3.37307	0.145277	0.478731	-2.08886	0.112149	0.44277	-2.25851	3.44721	12.1112	3.12297	1
cg24880024	0.762985	1.0295	1.0295	7.92E-05	0.503772	-1.98503	3.45E-07	4.12733	4.12733	0.00152878	1.55036	1.55036	55.6056	8.13741	0.130081	1
cg26685752	0.0164953	0.509198	-1.96387	1.89E-05	7.42527	7.42527	0.000128532	0.215728	-4.63547	0.000166227	0.228144	-4.3832	48.5428	40.8051	0.7472	1
cg22603037	0.000154756	0.137878	-7.2528	8.53E-06	0.0517691	-19.3165	1.78E-05	0.0685195	-14.5944	0.000611267	0.199131	-5.02182	30.603	45.2964	1.31567	1
cg02211983	0.015201	0.382429	-2.61486	0.00102402	0.208209	-4.80286	0.00640467	0.318714	-3.13761	0.0558395	0.497378	-2.01054	14.2612	23.4725	1.46302	1
cg05642734	0.00122032	0.174081	-5.74446	0.352171	0.70209	-1.42432	0.000118804	12.0289	12.0289	0.036138	2.46007	2.46007	13.1725	28.4708	1.92122	1
cg14661959	0.00370757	0.461383	-2.1674	0.000138809	3.66521	3.66521	0.0833187	1.45964	1.45964	0.000550973	2.88126	2.88126	12.6071	7.77083	0.547897	1
cg05464302	0.0456745	0.77448	-1.29119	0.00258464	0.62762	-1.59332	0.000534216	1.82423	1.82423	0.112586	0.824762	-1.21247	8.88466	1.7506	0.175144	1
cg16689481	0.424108	1.19939	1.19939	0.000315072	3.67016	3.67016	0.079992	0.648796	-1.54132	0.91587	0.976741	-1.02381	8.34863	6.55853	0.698294	1
cg11166365	0.00410916	0.315078	-3.17382	0.304715	1.3756	1.3756	0.105524	0.588284	-1.69986	0.0187043	0.425291	-2.35133	8.09732	11.5435	1.2672	1
cg03438305	0.509431	0.884648	-1.13039	0.00307849	0.476143	-2.10021	0.177716	1.29995	1.29995	0.1403	0.747849	-1.33717	8.02688	4.26407	0.472199	1
cg04986781	0.0187883	2.98661	2.98661	0.000498642	8.11227	8.11227	0.0073469	3.77341	3.77341	0.871973	1.06394	1.06394	7.69601	18.0037	2.07942	1
cg20592707	0.0951048	0.338552	-2.95376	0.00140548	0.0651335	-15.3531	0.0802772	0.317942	-3.14523	0.0757235	0.311162	-3.21376	7.61444	42.0594	4.9099	1
cg10234068	0.167101	0.772966	-1.29372	0.000535094	0.3898	-2.56542	0.468927	0.87912	-1.1375	0.0331027	1.54591	1.54591	7.26599	3.51803	0.430381	1
cg04938315	0.115925	1.93505	1.93505	0.923171	1.03797	1.03797	0.0115041	3.39128	3.39128	0.0450003	2.43209	2.43209	4.11178	9.7196	2.10119	1
cg23021650	0.665365	0.747444	-1.33789	0.918325	1.07102	1.07102	0.0136512	0.12994	-7.69585	0.0140979	0.131749	-7.59019	4.04291	28.6527	6.29968	1
cg10827479	0.0936897	0.471696	-2.12001	0.351191	1.47863	1.47863	0.0017961	0.163576	-6.11338	0.000369719	0.0979434	-10.21	12.2444	32.2219	2.33917	1
cg01925883	0.116187	0.265583	-3.7653	0.00291403	0.0417244	-23.9668	0.00207893	0.0345387	-28.953	0.0243394	0.124421	-8.0372	6.93981	66.2838	8.49	1
cg05388137	0.0518126	0.154382	-6.47744	0.00360992	0.0359325	-27.83	0.0464324	0.145759	-6.86062	0.0272955	0.11024	-9.0711	4.48738	50.6579	10.0347	1
cg08918985	0.0325458	0.147805	-6.76569	0.105218	0.258546	-3.86778	0.0339799	0.15087	-6.62821	0.0505835	0.182246	-5.48709	3.92097	36.2605	8.2203	1
cg15130302	0.121113	0.821311	-1.21757	0.184282	0.847943	-1.17932	0.171581	1.18585	1.18585	0.585504	0.937539	-1.06662	15.2438	3.31155	0.193102	1
cg13484329	7.00E-05	0.245221	-4.07795	0.010559	0.536402	-1.86427	0.381131	0.840343	-1.18999	0.269036	0.800197	-1.24969	13.3089	7.90336	0.527858	1
cg06959021	0.128923	0.661484	-1.51175	0.00246612	2.88739	2.88739	0.000293849	4.41837	4.41837	0.978527	1.0068	1.0068	8.37579	8.4148	0.893029	1
cg01831743	0.0081695	0.508747	-1.96561	0.00956212	0.519372	-1.9254	0.00915928	0.516455	-1.93628	0.0020055	0.418729	-2.38818	7.22863	4.56333	0.561142	1
cg00066508	0.0906999	0.739649	-1.35199	0.237139	1.2219	1.2219	0.0718145	0.722368	-1.38434	0.0294241	0.660326	-1.5144	5.25742	2.18006	0.36859	1
cg24331384	0.019329	0.298588	-3.3491	0.0145103	0.276187	-3.62073	0.319111	0.64409	-1.55258	0.0393416	0.36111	-2.76924	5.07491	14.6726	2.56996	1
cg07360201	0.416133	0.901788	-1.10891	0.140232	0.820882	-1.2182	0.076312	0.782478	-1.27799	0.0020792	0.583286	-1.71443	4.06135	0.995197	0.217814	1
cg16428631	0.414327	1.08792	1.08792	0.168727	1.15962	1.15962	0.814999	1.02395	1.02395	0.0446206	0.792277	-1.26218	8.73771	1.41124	0.143566	1
cg06279471	0.0193211	2.31487	2.31487	0.00106645	4.19875	4.19875	0.445818	1.25931	1.25931	0.0667593	1.84004	1.84004	6.0548	8.44031	1.2391	1
cg11671925	0.0945951	2.37405	2.37405	0.909649	0.947983	-1.05487	0.916547	0.951875	-1.05056	0.00578345	5.48187	5.48187	5.22843	18.3359	3.11731	1
cg01845451	0.217175	0.592073	-1.68898	0.383855	0.697368	-1.43396	0.0657894	2.30107	2.30107	0.679944	0.845817	-1.18229	3.4618	8.93396	2.29398	1
cg02322435	0.794609	0.904726	-1.10531	0.734218	1.13972	1.13972	0.266312	0.641148	-1.5597	0.58479	0.809164	-1.23584	6.98745	16.2989	2.07342	1
cg25367890	0.873657	1.02778	1.02778	0.613447	1.09166	1.09166	0.256064	1.22643	1.22643	0.835402	0.964814	-1.03647	6.46169	3.03334	0.417276	1
cg05475485	0.525373	1.07465	1.07465	0.000277669	1.94543	1.94543	0.535523	0.932217	-1.07271	0.0934548	0.813517	-1.22923	6.08283	1.20554	0.176167	1
cg05763664	0.0435108	0.388746	-2.57238	0.0469368	0.396264	-2.52357	0.737916	0.872245	-1.14647	0.00788379	0.249746	-4.00406	5.28063	13.8546	2.33215	1
cg18456140	0.479785	0.721753	-1.38552	0.0376171	0.334619	-2.98848	0.504836	0.735523	-1.35958	0.0987206	0.439641	-2.27458	4.39576	14.3442	2.90061	1
cg08932343	0.217025	0.642031	-1.55756	0.26037	0.669982	-1.49258	0.0946977	1.87122	1.87122	0.203141	0.632351	-1.5814	3.99036	7.35547	1.63849	1
cg25439758	0.0461873	0.288294	-3.46868	0.127079	0.407201	-2.45579	0.526908	0.705341	-1.41775	0.140812	0.422089	-2.36917	3.61423	16.97	4.17363	1
cg04743859	0.0573992	0.49073	-2.03778	0.0138932	0.365452	-2.73633	0.00976883	0.338858	-2.95109	0.7313	0.892109	-1.12094	3.60845	6.2689	1.54425	1
cg23114311	0.0125586	2.01245	2.01245	4.79E-05	5.61099	5.61099	0.00391335	2.39856	2.39856	0.0500905	1.65413	1.65413	10.0841	8.1058	0.714504	1
cg14468007	0.867174	1.0248	1.0248	0.585637	1.0839	1.0839	0.000402199	0.438817	-2.27885	0.811026	1.03568	1.03568	9.01754	3.05923	0.301558	1
cg13282837	0.0659805	2.46887	2.46887	0.000802504	9.17784	9.17784	0.0842402	2.30926	2.30926	0.0385432	2.85795	2.85795	5.46195	16.6064	2.70257	1
cg07445246	0.0762318	3.02791	3.02791	0.000625891	19.1803	19.1803	0.0400808	3.79002	3.79002	0.0310653	4.14314	4.14314	5.25303	26.241	4.44036	1
cg17717124	0.0801794	2.6367	2.6367	0.00428828	6.73959	6.73959	0.521593	1.38328	1.38328	0.204045	1.95328	1.95328	3.78723	14.9638	3.5121	1
cg14127336	0.815288	1.04669	1.04669	0.00224776	2.30269	2.30269	0.231696	1.27714	1.27714	0.0312542	1.63695	1.63695	3.77115	2.27133	0.535369	1
cg16696317	0.24273	1.35369	1.35369	9.39E-06	10.6843	10.6843	0.005997	2.4342	2.4342	0.0299081	1.88295	1.88295	13.0095	12.6434	0.863874	1
cg04225760	0.284937	0.87036	-1.14895	0.0565504	0.763496	-1.30976	0.00519442	1.58584	1.58584	0.0978592	0.796907	-1.25485	23.6655	5.8573	0.220004	1
cg05402891	0.0171769	0.258649	-3.86624	0.000402586	0.0727694	-13.742	0.0856479	0.412832	-2.42229	0.0422701	0.336411	-2.97255	8.55757	29.3931	3.05311	1
cg15413025	0.143615	0.700121	-1.42833	0.0135763	1.99948	1.99948	0.350896	1.24336	1.24336	0.122356	0.683967	-1.46206	8.02363	6.54051	0.724583	1
cg01018864	0.97592	0.994285	-1.00575	0.000970906	0.393697	-2.54002	0.664858	1.08628	1.08628	0.543609	0.889824	-1.12382	6.89464	3.937	0.507576	1
cg26578639	0.623728	0.860403	-1.16225	0.0550292	1.93781	1.93781	0.503761	1.22914	1.22914	0.362274	1.32943	1.32943	6.17003	9.03605	1.30178	1
cg27504299	0.0277002	1.54371	1.54371	0.0129265	1.67326	1.67326	0.136751	1.30659	1.30659	0.143133	1.30019	1.30019	6.01971	2.65337	0.391805	1
cg02171093	0.0151399	0.654443	-1.52802	0.302689	0.859262	-1.16379	0.00090467	0.493949	-2.0245	0.876852	1.02228	1.02228	5.81603	1.85914	0.284141	1
cg03043804	0.311001	0.443204	-2.2563	0.00442344	0.0523997	-19.0841	0.268037	0.408353	-2.44886	0.0420333	0.162231	-6.16406	3.54415	33.8267	8.4839	1
cg13771579	0.956771	1.0127	1.0127	0.003443	0.396708	-2.52075	0.551855	0.869287	-1.15037	0.17098	0.7123	-1.4039	4.27737	3.66896	0.762454	1
cg03050975	0.0111975	0.616795	-1.62129	0.0287022	1.48037	1.48037	0.00872974	0.601726	-1.66189	0.30255	1.17629	1.17629	12.381	4.53192	0.325369	1
cg05093429	0.491593	0.800475	-1.24926	0.000104098	0.112369	-8.89925	0.184353	0.638527	-1.56611	0.0519889	0.494437	-2.0225	11.8422	19.0358	1.42884	1
cg07734106	0.0143621	1.6651	1.6651	0.00101398	2.27886	2.27886	0.00141684	2.1822	2.1822	0.148729	0.769777	-1.29908	7.3175	3.30787	0.401821	1
cg18114811	0.0312501	0.305962	-3.26838	0.0141103	0.24182	-4.13531	0.0231664	0.280239	-3.56838	0.00378414	0.160302	-6.23822	7.04734	24.5088	3.09132	1
cg07960360	0.00881158	0.422596	-2.36632	0.0809634	1.6483	1.6483	0.211437	0.711767	-1.40495	0.922238	1.02554	1.02554	6.50013	6.8667	0.939018	1
cg16209310	0.59083	0.919801	-1.08719	0.281068	1.18835	1.18835	0.442614	0.886405	-1.12815	0.00286531	0.531571	-1.88121	4.10918	1.54401	0.333997	1
cg07036035	0.80314	0.949844	-1.0528	0.00740995	2.03537	2.03537	0.0176547	1.81237	1.81237	0.393398	0.835178	-1.19735	3.6674	2.46518	0.5975	1
cg20018806	0.034232	0.213569	-4.68233	0.00842546	0.12215	-8.18666	0.00271171	0.075152	-13.3064	0.00861313	0.123263	-8.1127	6.41399	39.6669	5.49728	1
cg23741006	0.034453	0.158427	-6.31206	0.00354489	0.0522147	-19.1517	0.00451844	0.0592123	-16.8884	0.0123514	0.0975956	-10.2464	6.20773	54.8607	7.85554	1
cg03928812	0.685347	0.70637	-1.41569	0.0238787	0.100217	-9.97839	0.0100808	0.0626105	-15.9718	0.0184136	0.0871296	-11.4772	4.7371	54.6366	10.2522	1
cg00187686	0.0490482	0.146805	-6.81176	0.695291	0.714539	-1.3995	0.0314954	0.116038	-8.61788	0.0190982	0.0887401	-11.2689	4.09838	47.3252	10.2643	1
cg20400904	0.0565669	0.167479	-5.97091	0.0181425	0.0929939	-10.7534	0.0135766	0.0797842	-12.5338	0.062332	0.176055	-5.68003	3.4679	37.6432	9.64867	1
cg04081402	0.0531384	1.53945	1.53945	0.0139417	1.81544	1.81544	0.556259	1.12395	1.12395	0.0297706	1.65231	1.65231	6.33397	3.86743	0.542743	1
cg04242245	0.768954	0.949359	-1.05334	0.0221535	1.62241	1.62241	0.585316	1.10209	1.10209	0.148696	0.760889	-1.31425	5.75921	2.83915	0.438201	1
cg02410959	0.00766011	1.61887	1.61887	0.00563565	0.600115	-1.66635	0.110036	1.27737	1.27737	0.109345	1.27809	1.27809	18.8425	5.89464	0.278078	1
cg25346175	0.380798	0.772453	-1.29458	6.13E-05	0.119578	-8.36277	0.624869	0.868028	-1.15204	0.905999	0.966642	-1.03451	7.46809	8.67202	1.16121	1
cg09825414	0.0199304	0.397714	-2.51437	0.074593	0.521093	-1.91904	0.00520047	0.298124	-3.3543	0.340743	0.724559	-1.38015	4.0407	6.89219	1.51617	1
cg19910648	0.265294	1.19632	1.19632	0.0124438	0.618629	-1.61648	0.139682	0.782386	-1.27814	0.0425676	1.43411	1.43411	3.9441	1.48932	0.33565	1
cg08500159	0.547432	0.776418	-1.28797	0.277656	1.59885	1.59885	0.353216	1.48746	1.48746	0.0757028	0.439641	-2.27458	3.64503	9.97489	2.43251	1
cg03708230	0.271741	0.78483	-1.27416	0.191362	0.746062	-1.34037	0.854207	1.03972	1.03972	0.0602167	1.56653	1.56653	3.45039	2.45074	0.631361	1
cg17797360	0.123585	0.514076	-1.94524	0.0758765	0.4547	-2.19925	0.00166143	0.166136	-6.01917	0.584638	0.802351	-1.24634	6.06207	15.2795	2.24046	1
cg15150310	0.0594556	0.530783	-1.88401	0.042358	0.498527	-2.00591	0.950927	1.01849	1.01849	0.043005	0.499927	-2.00029	4.17588	5.86233	1.24787	1
cg24134481	0.530241	1.11448	1.11448	0.00582026	1.85091	1.85091	0.532613	1.11377	1.11377	0.565035	1.10424	1.10424	3.51336	1.61716	0.409146	1
cg16417831	0.000459102	0.203089	-4.92396	0.0017601	0.27584	-3.62529	0.00627546	0.357346	-2.79841	0.00495344	0.341171	-2.93108	13.6949	18.1154	1.17581	1
cg01680782	0.810954	0.930107	-1.07515	0.00503907	0.325767	-3.06967	0.552886	0.834	-1.19904	0.368702	0.756417	-1.32202	4.79051	6.93657	1.28709	1
cg01274324	0.380736	0.735056	-1.36044	0.0343721	0.429591	-2.3278	0.205733	0.633174	-1.57934	0.111706	0.552637	-1.80951	4.59746	8.53428	1.65005	1
cg20857253	0.646809	0.817666	-1.22299	0.0160849	0.276574	-3.61567	0.74148	0.865498	-1.1554	0.187984	0.544029	-1.83814	3.95443	11.9239	2.68028	1
cg11121709	0.20853	1.22022	1.22022	0.000976996	0.458339	-2.18179	0.745527	0.952644	-1.04971	0.152081	0.793815	-1.25974	19.7837	6.80078	0.267366	1
cg25005135	0.338841	1.1839	1.1839	0.0245123	0.632064	-1.58212	0.747277	1.05692	1.05692	0.127846	0.754361	-1.32562	10.0071	4.64686	0.412762	1
cg03612452	0.00546646	1.89569	1.89569	0.00176125	0.458411	-2.18145	0.237623	1.24178	1.24178	0.2844	0.823123	-1.21489	9.32336	4.52422	0.431339	1
cg03852551	0.0314145	0.548489	-1.82319	0.0314035	0.54846	-1.82329	0.0429165	0.574417	-1.74089	0.00654992	0.431524	-2.31737	7.12767	6.39151	0.797083	1
cg10426017	0.40379	0.735127	-1.36031	0.00116495	0.179536	-5.5699	0.503694	0.783159	-1.27688	0.00952231	0.306385	-3.26387	4.68076	9.61755	1.8264	1
cg24749362	0.646195	1.42324	1.42324	0.299643	0.440098	-2.27222	0.027304	0.136129	-7.346	0.91891	0.92519	-1.08086	3.52347	32.5352	8.20788	1
cg21646955	0.000903397	2.05026	2.05026	4.61E-07	7.7988	7.7988	8.28E-05	2.78668	2.78668	0.0121855	1.57089	1.57089	29.7705	9.85624	0.294288	1
cg11084470	0.820696	0.950381	-1.05221	0.00269878	0.394831	-2.53273	0.000692595	0.31327	-3.19214	0.9401	0.983294	-1.01699	15.9963	12.7322	0.707508	1
cg12835524	0.00340986	0.478839	-2.08838	1.30E-05	0.183994	-5.43496	0.527751	1.12568	1.12568	0.0139111	0.569926	-1.75461	15.1393	8.2099	0.482037	1
cg01108476	0.0353325	0.702711	-1.42306	0.899715	0.982014	-1.01832	0.0966389	1.30026	1.30026	0.0824219	0.758094	-1.3191	7.15891	2.34964	0.291744	1
cg19673462	0.271991	1.1821	1.1821	0.00384936	1.76796	1.76796	0.671428	1.06441	1.06441	0.631746	1.0732	1.0732	6.97014	2.36289	0.301335	1
cg07923390	0.203465	1.7025	1.7025	0.00161738	5.99839	5.99839	0.0223972	2.95804	2.95804	0.205976	1.69695	1.69695	5.31304	13.222	2.21209	1
cg12090052	0.600838	0.885372	-1.12947	0.0156639	1.98028	1.98028	0.485229	1.17769	1.17769	0.0971553	0.657137	-1.52175	4.90759	4.13406	0.748782	1
cg05235151	0.0880487	0.425494	-2.35021	0.0204879	0.28155	-3.55177	0.00503538	0.185628	-5.38713	0.558861	0.764655	-1.30778	4.32276	14.1073	2.90088	1
cg07649835	0.285914	0.756499	-1.32188	0.13254	1.50484	1.50484	0.410059	0.808864	-1.2363	0.998446	1.00049	1.00049	3.79945	3.81506	0.892539	1
cg22407458	0.00406156	2.5674	2.5674	4.45E-05	6.62189	6.62189	0.000411052	3.93952	3.93952	0.0468686	1.7439	1.7439	12.0707	11.4214	0.841074	1
cg25299750	0.00316096	3.43977	3.43977	5.92E-05	9.74254	9.74254	0.000659712	4.94342	4.94342	0.0237672	2.28567	2.28567	10.8668	16.1496	1.32102	1
cg17485717	0.453057	1.1894	1.1894	5.93E-05	0.185282	-5.39719	0.00629582	2.24231	2.24231	0.0117694	0.489707	-2.04204	26.076	21.2658	0.724915	1
cg20078939	0.404015	0.950445	-1.05214	0.2423	1.07556	1.07556	0.526432	1.03894	1.03894	0.000559977	1.37505	1.37505	16.5009	0.925869	0.0498758	1
cg18001866	2.13E-05	0.0809811	-12.3486	0.0630898	0.541322	-1.84733	?	?	?	0.966889	1.01226	1.01226	12.6137	15.3045	1.21332	1
cg22272056	0.585371	1.18557	1.18557	0.242985	1.45868	1.45868	0.432389	1.28092	1.28092	0.318284	0.727071	-1.37538	7.20218	10.891	1.34416	1
cg19812706	0.207296	0.435265	-2.29745	0.0407819	0.228276	-4.38067	0.141607	0.372094	-2.6875	0.015661	0.156742	-6.37992	5.73634	35.5459	5.50809	1
cg06292898	0.00198546	0.425145	-2.35214	0.619092	1.10312	1.10312	0.672397	0.920083	-1.08686	0.14393	1.35996	1.35996	4.7629	2.57142	0.539885	1
cg01470704	0.00120782	0.200777	-4.98065	0.359224	1.3512	1.3512	0.292554	1.41784	1.41784	0.384629	1.32907	1.32907	5.19839	8.14664	1.21889	1
cg22128896	0.15176	1.93032	1.93032	0.00204211	6.43486	6.43486	0.0130489	3.73939	3.73939	0.0470493	2.64691	2.64691	4.3919	12.7582	2.58215	1
cg10769658	0.0400014	1.36408	1.36408	0.347419	1.13491	1.13491	0.0485661	1.34274	1.34274	0.369876	0.886519	-1.12801	3.74601	1.01507	0.240866	1
cg27401681	0.0279141	0.748173	-1.33659	6.49E-05	0.440721	-2.26901	0.78477	1.03105	1.03105	0.949598	0.992965	-1.00708	7.6051	1.50224	0.175583	1
cg17567825	0.762603	0.936626	-1.06766	0.420974	0.83722	-1.19443	0.50441	1.15766	1.15766	0.503855	0.863644	-1.15788	3.52558	2.60783	0.6575	1
cg24005131	0	0.0609136	-16.4167	?	?	?	?	?	?	?	?	?	?	12.5267	0	1
cg01439119	0.708939	0.926298	-1.07957	0.480151	1.15783	1.15783	0.467718	1.16284	1.16284	0.197282	0.757077	-1.32087	4.93628	3.25913	0.586881	1
cg01869261	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07278624	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23860321	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04794901	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10562159	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22313322	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26143065	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Ratio(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. 47T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. 53T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. 37T vs. N)	Fold-Change(527T vs. 37T vs. N)	p-value(563T vs. 63T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg10634217	TCF1;TCF1;MIR6118	0.0159799	0.0253131	1.34042	1.34042	0.7230723	1.24712	0.17076	1.17406	0.05736	1.26677	0.0009744N	1.71547	1.71547	0.2931442	1.12745	1.12745	0.340731	1.11404	1.11404	0.6203367	1.05595	1.05595	0.00336561	1.55077	5.07311	0.9721163	0.170333	1
cg07690219	TCTA;RHOA	0.0414722	0.203469	1.14525	1.14525	0.1398555	1.1741	1.1741	0.025519	1.30754	1.307054	0.0390884	1.27287	1.27287	0.806655	0.975529	1.02508	1.02508	0.3079447	1.11252	1.11252	0.0661203	0.811983	1.23155	0.0362662	0.781937	1.28734	1.08734	3.63431	0.587589	0.143714	1
cg21323636	TCTA;TCTA;RHOA	0.0148213	0.298464	0.864646	1.15654	0.955781	0.992545	1.00751	0.00169792	1.83125	1.83125	0.448095	0.900928	1.10697	0.2255599	1.18736	1.18736	1.18736	0.412957	1.11958	1.11958	0.0296359	0.707853	1.41272	0.396349	0.8894	1.12435	0.0143911	1.50245	1.50245	5.20126	1.50011	0.256368	1
cg03099178	TCTE1	0.532627	0.873814	1.14441	0.0029367	0.336894	2.96287	0.00070501	4.44492	4.44492	0.000833792	2.337152	4.21671	0.000219	0.1154892	6.60101	?	?	0.0017585	3.37509	3.37509	0.00458081	3.374791	2.66815	0.100077	1.50034	5.00134	40.4445	23.41416	0.361791	1
cg23120936	TCTE1	0.00391641	0.00648898	0.56427	1.76545	0.00335844	0.526756	1.89841	0.08298616	0.7346411	1.362131	0.76314	0.952606	1.04975	0.00103706	0.458223	2.18234	2.18234	0.0260141	0.654151	1.5287	0.0446766	0.543823	1.83883	0.00162499	0.4841	2.06569	0.633739	0.925786	1.08016	7.90261	3.22998	0.36331	1
cg04156581	TCTE1	0.00517836	0.691568	1.06645	1.06645	0.1700571	1.26546	1.26546	0.000256767	0.379212	2.63705	0.32922	0.850241	1.17614	0.435511	1.13676	1.13676	1.13676	0.0556449	1.705112	1.41821	0.0745006	1.37731	1.37731	0.319814	0.8473559	1.18014	0.0128324	0.607799	1.64528	7.26041	2.98487	0.365436	1
cg14647580	TCTE1	0.0081993	0.679793	0.938723	1.06528	0.00285912	0.535099	1.86881	0.00102408	0.4763346	2.09937	0.32455	0.856412	1.16766	0.868414	1.02558	1.02558	1.02558	0.0742595	1.35398	1.35398	0.8811254	1.34262	1.34262	0.743154	1.05137	1.05137	0.3191742	0.8548232	1.16982	6.29517	2.31439	0.326796	1
cg02031603	TCTE1	0.0113772	0.0602306	0.69277	1.44377	0.2674545	0.6585115	1.2087	0.2664655	0.4329861	2.31087	0.44445	0.821482	1.22442	0.122887	0.820871	1.21868	1.21868	0.0211265	0.619427	1.61509	0.1294427	0.772637	0.8622	1.16028	0.8620738	1.16028	0.0216435	0.287554	3.47454	5.8705	16.3092	2.55657	1
cg00775197	TCTE1	0.0147687	0.522429	1.1253	1.1253	0.00240925	0.126191	1.59516	0.9457513	0.91248	1.0961348	0.01613148	2.27462	2.27462	0.505463	1.13094	1.13094	1.13094	0.3587034	1.18752	1.18752	0.563989	0.900585	1.11039	0.0598237	1.47214	1.47214	0.0190044	1.67716	1.67716	5.20737	2.73486	0.466836	1
cg17001753	TCTE1	0.0251093	0.631379	1.13215	1.13215	0.600797	1.14517	1.14517	0.108374	0.637821	1.56784	0.462131	1.21191	1.21191	0.0144118	0.4610018	2.16911	2.16911	0.0342645	1.88543	1.88543	0.502237	1.19106	1.19106	0.77307	0.928454	1.07706	0.0047456	0.381782	2.6193	4.35063	4.54228	0.928046	1
cg04972615	TCTE1	0.5866077	0.8602052	1.16232	1.16232	0.9612724	1.252256	1.25226	0.1445511	0.5862961	1.70562	0.5862961	1.44405	1.44405	0.8668441	1.44405	1.44405	1.44405	0.2686403	1.22805	1.22805	0.8139696	1.32643	1.32643	0.9155419	1.0046	0.4938008	1.8831361	1.152331	3.9952	1.71992	0.4502888	1
cg06490287	TCTE1	0.00334428	0.00576036	0.108202	9.24202	0.6645874	0.420406	2.37866	0.8152626	0.960651	1.04155	0.9614864	0.289492	3.45433	0.00996479	0.25706	3.89014	3.89014	0.955591	1.02352	1.02352	0.00996687	0.129946	7.69548	0.390037	0.6923358	1.44434	0.00191857	0.159834	6.25651	8.43948	23.2881	2.45282	1
cg22267176	TCTE1;Cfdor70	0.00399451	0.0349425	0.845388	1.22191	0.200765	1.09035	1.92486	0.0003249817	1.483941	3.448194	0.2913139	0.926126	1.07977	0.0183202	0.617935	1.61922	1.61922	0.0023652	0.72786	1.37375	0.1159944	0.899486	1.11923	0.0758198	0.8709559	1.14856	0.2040387	1.09842	1.09842	7.93574	0.611255	0.0691644	1
cg06361161	TCTE3;Cfdor70	0.0141593	0.00439564	0.635582	1.57356	0.0192472	0.713584	1.40138	0.01986097	0.715298	1.398252	0.19882	0.3980402	2.51128	0.0288456	0.3980402	2.51128	2.51128	0.0471336	0.916383	1.09125	0.3284337	0.886734	1.12773	0.70473	0.9556643	1.04642	0.1428863	0.828884	1.20644	5.2802	1.1877	0.199942	1
cg01985619	TCTE3;Cfdor70;TCTE3	0.00898042	0.00085135	0.164133	6.09263	0.4905609	0.776894	1.28718	0.859463	0.934807	1.07069	0.93817	0.1069598	0.000722647	0.156578	6.38358	0.9521	0.967007	0.0240702	0.407247	2.45607	0.0076627	0.102393	0.865582	0.995065	1.04705	0.9482172	1.06284	0.415556	1.34986	1.34986	6.1166	12.5901	1.82965	1
cg00005543	TCTE3;Cfdor70;TCTE3	0.0148923	0.223588	0.834839	1.19784	0.763047	0.961783	1.03974	0.5762609	0.8443883	1.184313	0.844883	1.130616	0.509946	0.9009555	1.02896	1.02896	1.02896	0.8554097	0.974593	1.02607	0.6006678	0.604492	2.47224	0.766512	0.9588312	1.04294	0.6856831	0.764783	1.30756	1.15905	4.61018	0.280577	1
cg09183775	TCTEX1D1	0.00342053	5.12E-05	9.38489	9.38489	0.812542	1.07265	1.07265	0.404974	0.7776049	1.286	0.436631	0.791147	1.263199	0.7981438	0.927136	1.07859	1.07859	0.581398	1.17867	1.17867	0.8807712	0.56458	1.77123	0.334224	1.3418	1.3418	0.3548631	1.32442	1.32442	8.230414	1.35996	1.22688	1
cg15026099	TCTEX1D1	0.0143574	0.764553	0.897045	1.11477	0.1032041	0.923562	1.03801	0.04260687	0.4300012	2.32546	0.329564	1.449325	1.449325	0.00270816	0.223948	4.47732	4.47732	0.8662	1.00628	1.00628	0.0207436	0.308523	3.2624	0.375609	0.719703	1.38946	0.011703	0.320018	3.12483	5.26043	10.9194	1.884196	1
cg00256886	TCTEX1D2	0.0155573	0.0200505	1.02802	1.02802	0.0451305	0.6084375	1.46119	0.04576644	0.7526856	1.36425	0.73275	0.946989	1.056287	0.0216826	0.6552818	1.317861	1.317861	0.0239778	0.822089	1.21678	0.1029736	0.823703	0.6048728	0.812466	1.230766	0.6952466	1.438502	0.6796172	0.0671996	0.2220248	4.494441	4.32627	36.7765	7.55622	1
cg22209445	TCTEX1D2	0.00756214	0.0351188	0.559629	1.7869	0.424887	0.824715	1.21254	0.291771	0.7720062	1.29523	0.482919	0.844818	1.18369	0.00105606	0.318063	3.14403	3.14403	0.0056408	0.423543	2.36104	0.0162352	0.498972	2.00412	0.0482458	1.70542	1.70542	0.0391976	0.568747	1.75825	6.45729	5.71959	0.78754	1
cg22505907	TCTEX1D2	0.0283225	0.646415	1.20294	1.20294	0.2039852	0.92696	1.0656	0.01044432	0.6161561	1.62349	0.6164228	0.454576	2.198955	0.0412054	0.3930895	2.54395	2.54395	0.0437213	1.034305	1.034305	0.1291787	0.776407	1.29125	0.5811111	0.9677471	1.03297	0.1247324	0.6309975	0.365554	2.73557	4.39319	0.6238	2.21257	1
cg09363618	TCTEX1D2	0.0367054	0.0230719	0.770779	1.29739	0.0534227	0.810413	1.23394	0.244246	1.12381	1.12381	0.0568834	0.813446	1.229134	0.00588059	0.707964	1.4125	1.4125	0.20645	0.880137	1.13619	0.0569884	0.813536	1.2292	0.744785	1.03179	1.03179	0.1797753	0.872392	1.14627	0.9923804	0.552636	0.32924	1
cg10336358	TCTEX1D2	0.04775221	0.2196609	0.79582	1.25617	0.2948655	0.71495	1.39853	0.1458364	1.2538543	1.19534	0.836403	0.7670634	1.303284	0.0459253	0.5998327	1.66722	1.66722	0.0148348	0.5511858	1.81409	0.0211558	0.7204704	1.38871	0.5564045	1.796999	0.8129599	1.23007	0.0037081	0.4544827	2.20228	5.45317	0.8819337	0.604012	1
cg21871151	TCTEX1D4;TCTEX1D4	0.00670986	0.60488	0.860653	1.16191	0.157037	1.54516	1.54516	0.171281	1.52013	1.52013	0.195846	0.674842	1.48183	0.000156589	0.155629	6.42552	6.42552	0.5834317	1.852799	1.17261	0.179447	1.50677	1.50677	0.477328	1.23088	1.23088	0.332642	0.750257	1.33288	6.70289	8.77527	1.16371	1
cg09175811	TCTN1;TCTN1;TCTN1	0.0035298	0.000553684	0.233029	4.29131	0.253218	0.723048	1.38303	0.655114	0.884995	1.12995	0.157617	0.663239	1.507075	0.0454504	0.358236	2.79146	2.79146	0.91214	1.03045	1.03045	0.0040176	0.638	0.0216581	0.9766427	1.023931	0.8653862	1.155603	0.0076267	0.4575521	0.425757	1.24735	0.474882	2.102804	0.1358293	0.535559	1.02962	1
cg05703344	TCTN1;TCTN2	0.00715183	0.00705183	0.147772	6.76955	0.3796734	0.961783	1.03974	0.7676494	0.8443883	1.184313	0.844883	1.130616	0.509946	0.9009555	1.02896	1.02896	1.02896	0.8554097	0.974593	1.02607	0.6006678	0.604492	2.47224	0.766512	0.9588312	1.04294	0.6856831	0.764783	1.30756	1.15905	4.61018	0.280577	1
cg10230310	TCTN1;TCTN3	0.0302685	0.0241892	0.659629	1.51531	0.158616	1.25728	1.25728	0.649261	1.07135	1.07135	0.165912	0.798994	1.25157	0.1511153	0.791515	1.2634	1.2634	0.107733	1.30676	1.30676	0.0559568	0.717467	1.39379	0.193324	0.811552	1.23221	0.0063162	0.572219	1.74758	4.48489	1.57238	0.272686	1
cg20897652	TCTN1;TCTN2	0.00818093	0.0951369	0.737554	1.13203	0.1466146	0.595553	1.67869	0.0015444	0.7349413	1.36097	0.434002	0.67029	0.0015429	0.0013452	0.744903	1.34243	1.34243	0.0014459	0.7742	1.29164	0.0199834	0.814455	1.22786	0.0660915	0.712264	1.40453	0.6154488	0.7713	1.07133	0.9334	1.2012	0.1259955	0.798085	1.25321	4.18768	6.82526	0.2103362	0.123382	1
cg17451138	TCTN2;TCTN3	0.00224278	0.820379	0.93453	1.03453	0.1174483	1.289289	1.28899	0.244	1.19958	1.19958	0.0273992	1.85379	1.853794	0.3206247	1.16344	1.16344	1.16344	0.0227076	1.50253	1.50253	0.0003104	0.391914	2.55158	0.2834	1.18103	1.18103	0.2364688	1.830957	1.29133	0.313754	1
cg04059714	TCTN2;TCTN3	0.00287804	0.0189001	0.61151	1.6353	0.000479805	2.58	2.58	0.299812	1.20427	1.20427	0.00739637	0.550486	1.81658	0.116906	0.744788	1.34266	1.34266	0.0310232	0.645341	1.54957	0.408916	0.864067	1.15732	0.897669	1.02251	1.02251	?	?	?	0.85783	3.73156	0.421273	1
cg06484390	TCTN2;TCTN3	0.00705491	0.0191657	0.710413	1.40843	0.1491453	0.750838	1.33232	0.1458348	1.58341	1.58341	0.300616	0.76601	1.305417	0.0033514	0.4410648	2.26648	2.26648	0.0023375	0.548877	1.82206	0.0044238	0.733473	1.36373	0.2206481	0.7334	1.36373	0.1644204	0.6297	0.4454497	2.24607	0.9944	1.00573	0.621584	0.8836688	1.13162	6.97005	2.2034	0.4537	0.8094986	1
cg16237390	TCTN2;TCTN3	0.0357681	0.644506	0.897369	1.11437	0.0879276	1.55106	1.55106	0.86764	1.1063	1.0964	0.0320957	1.79527	1.79527	0.650503	1.11232	1.11232	1.11232	0.0063917	0.473352	2.28649	0.0301236	1.8119	1.8119	0.339222	1.25808	1.25808	0.6383848	1.31665	1.11665	3.83683	3.30089	0.764726	1
cg16503481	TCTN2;TCTN3	0.0167561	0.88995	1.08294	1.08294	0.0460155	0.379486	1.35515	0.8857629	1.03088	1.03088	0.2899	0.8614158	1.279364	0.3466613	0.8003222	1.25002	1.25002	0.8085848	1.01558	1.01558	0.8429599	0.8204704	1.21946	0.5560319	1.798284	1.03033	0.8183681	1.883581	0.6040593	1.27746	1.26754	0.8275478	0.8084312	1.23677	4.44938	4.45317	0.8403337	0.300603	1
cg16514724	TCTN3;TCTN3	0.00636925	0.172585	0.89031	1.1232	0.0205033	1.25037	1.25037	0.0023054	1.40616	1.40616	0.270658	0.912292	1.09614	0.00360074	1.369	1.369	1.369	0.901343	0.990123	1.00998	0.0478948	0.834414	1.19845	0.230231	0.904162	1.106	0.134413	1.1379	1.1379	6.82116	0.691136	0.0901833	1
cg07187105	TCTN3;TCTN3	0.0062671	0.0805263	0.713314	1.40206	0.234634	0.704635	1.41917	0.00101758	0.5353563	1.87459	0.1718584	0.828239	1.207312	0.0069164	0.3569573	2.80161	2.80161	0.5163225	1.94468	0.514225	1.94468	0.5163157	1.2166	0.8219356	1.22166	0.8214466	1.205994	0.4208358	0.4525777	2.02627	0.1506	2.08706	0.2027357	1.50521	1
cg15914358	TCTN3;TCTN3;TCTN3;TCTN3	0.01444	0.491133	0.862365	1.15839	0.11524	1.4334	1.4334	0.157618	0.727827	1.37395	0.214846	0.759935	1.3159	0.0576586	0.647869	1.54352	1.54352	0.590333	0.89202	1.12105	0.0034496	0.299722	3.35658	0.218391	0.761707	1.31284	0.78963	1.05783	1.05783	5.24618	1.67286	0.622313	1
cg14987745	TDG	6.07E-05	0.151656	0.606468	1.64989	0.411454	1.31445	1.31445	0.642177	0.8586921	1.16456	6.39E-07	0.0118688	84.2543	0.03049938	0.437018	2.28824	2.28824	0.2145117	0.653491	1.53024	0.000713637	0.186791	5.35359	0.985743	1.00583	1.00583	0.9025555	1.04068	1.04068	25.2604	42.4546	1.49216	1
cg08265495	TDG	0.000627484	0.000504	0.148546	6.73355	0.1849146	0.704157	1.41985	0.0001758	0.2745452	3.64152	0.0001758	0.2822	3.543661	0.0003104	0.2703274	3.69956	3.69956	0.0050935	0.385404	2.59468	0.0003115	0.2315425	4.31902	0.1810242	5.52358	0.6040676	1.70904	1.70904	0.0031284	0.318972	2.83073	0.4121	2.42715	0.7006	0.0031284	0.318972	2.83073	0.4121
cg20471612	TDGF3	0.00113083	0.738937	0.9434	1.06	0.0749044	0.82158	1.82158	0.0070358	0.544997	1.83487	0.0090383	0.560918	1.782799	0.0001094N	0.305199	3.27655	3.27655	0.741904	0.944053	1.05926	0.040428	0.751357	1.33107	0.573864	0.905753	1.10405	0.87527	0.973006	0.1702	0.8138692	0.23574	0.42724	1
cg05375002	TDRD1	0.0203021	0.193834	1.14566	1.14566	0.1252619	1.49358	1.49358	0.0067567	0.6695	1.49358	0.1493584	0.6695	1.49358	0.1493584	0.6695	1.49358	1.49358	0.6770404	1.12302	1.12302	0.4482886	0.8017774	1.24702	0.4482886	0.8017774	1.24702	0.4482886	0.8017774	1.24702	0.4482886	0.8017774	1.24702	0.4482886	0.8017774	1.24702	0.4482886	0.8017774	1.24702
cg10809491	TDRD1	1.39E-06	0.0222906	0.811401	1.23244	0.810621	1.01849	1.01849	0.552641	1.0469	1.0469	0.000928831	0.685749	1.45826	0.247056	0.911783	1.09675	1.09675	0.0001132676	0.603102	1.65809	0.00149947	0.705268	1.4179	3.08E-08	4.63019	4.63019	0.00784931	1.29732	1.29732	67.385	6.21367	0.8819657	1
cg06377708	TDRD1	1.83E-06	0.0249135	0.797354	1.25391	1.84E-06	0.619356	1.61509	0.0003994	0.441044	2.26746	0.0004614	0.564151	1.77245	0.0001766	0.346612	2.88536	2.88536	0.0060915	0.712264	1.4043	0.0001763	0.2315644	4.31902	0.0001763	0.2315644	4.31902	0.0001763	0.2315644	4.31902	0.0001763	0.2315644	4.31902	0.0001763	0.2315644	4.31902	0.0001763	0.2315644	4.31902
cg03192008	TDRD1	1.58E-06	0.0024114	0.595848	1.67828	0.742831	1.31616	1.31616	0.556	0.44267	2.42067	0.00839682	0.51056	1.51056	0.0002958	0.25853	3.87013	3.87013	0.0065997	0.65198	1.53379	3.42E-05	0.374317	2.67153	6.06E-07	5.36429	5.36429	0.0001482	1.48247	0.60553	2.761	0.2313304	1
cg03220670	TDRD1	3.99E-05	0.00846842	1.35047	1.35047	0.000184864	1.75869	1.75869	7.54E-06	0.4145681	2.41149	0.00623075	0.727084	1.37536	0.0286345	1.25959	1.25959	1.25959	0.168993	1.13996	1.13996	0.000106493	1.84291	1.84291	0.222101	1.12154	1.12154	0.150327	1.14777	1.14777	28.2501	3.57488	0.112484	1
cg03326563	TDRD1	1.83E-05	0.0051582	0.680493	1.46951	0.0033152	0.5805574	1.72295	0.2795	0.7145	1.39965	0.2795	0.7145	1.39965	0.2795	0.7145	1.39965	1.39965	0.0023017	0.524402	1.90683	0.0001884	0.3731415	2.68042	0.0001884	0.3731415	2.68042	0.0001884	0.3731415	2.68042	0.0001884	0.3731415	2.68042	0.0001884	0.3731415	2.68042	0.0001884	0.3731415	2.68042
cg23435676	TDH	0.00100694	0.949182	0.987347	1.01282	1.83E-05	5.73057	5.73057	0.0160005	0.55479	1.80248	0.437111	0.853531	1.1716	0.0002883	0.306925	3.26057	3.26057	0.0349456	0.612009	1.63396	0.000129672	0.264909	3.77488	0.211976	1.3004	1.3004	0.494787	0.870659	1.14856	22.0996	13.9705	0.56192	1
cg19286698	TDH	0.00760356	0.0489208	0.734002	1.40556	0.0091347	2.62171	2.62171	0.0040562	0.4875	2.05138	0.72242	1.06867	1.06867	0.000759484	0.386631	2.58645	2.58645	0.0311656	0.553108	1.80796	0.0022566	0.456038	2.29108	0.168409	1.33429	1.33429	0.1139156	1.21092	1.21092	12.7125	6.98077	0.468113	1
cg09144162	TDH	0.00093787	0.114327	0.802052	1.25421	1.504E-05	1.56045	1.56045	0.0000055	0.641549	2.40068	0.952586	1.02061	1.02061	0.0001766	0.346574	2.88536	2.88536	0.1570204	1.02455	1.02455	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536
cg15906055	TDH	0.00141346	0.856372	1.06268	1.00268	0.0002201	0.614796	1.62641	0.0005035	0.7075	1.41348	0.2581	0.877322	1.139992	0.0001766	0.346574	2.88536	2.88536	0.2581838	0.877322	1.13999	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536
cg04715413	TDH	0.00171716	0.624924	0.914	1.09409	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536	0.0001766	0.346574	2.88536
cg21293242	TDH	0.00192469	0.539691	1.10914	1.10914	0.0706104	1.40084	1.40084	0.0701059	1.40188	1.40188	0.0802466	1.3823	1.3823	0.510421	1.11782	1.11782	1.11782	0.924905	0.984395	1.01585	0.4007327	0.866323	1.1543	2.21E-05	4.14144	4.14144	0.852028	0.969328	1.03164	9.75024	4.29792	0.391823	1
cg08265495	TDH	0.00257179	0.517239	0.831421	1.20276	0.234635	0.704635	1.41917	0.00101758	0.5353563	1.87459	0.1718584	0.828239	1.207312	0.0069164	0.3569573	2.80161	2.80161	0.5163225	1.94468	0.514225	1.94468	0.5163157	1.2166	0.8219356	1.22166	0.8214466	1.205994	0.4208358	0.4525777	2.02627	0.1506	2.08706	0.2027357	1.50521	1.50521	0.1506	2.08706	0.2027357
cg16074812	TDH	0.00257761	0.0379781	0.525764	1.36971	0.582238	1.36868	1.36868	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626	1.37626	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626	0.0019191	0.7268	1.37626
cg03625248	TDH	0.00716227	0.662103	1.13839	1.13839	0.0954072	0.58275	1.7161	0.32784	0.7425153	1.34678	0.374996	1.30786	1.30786	0.459878	1.24832	1.24832	1.24832	0.729579	1.1077	1.1077	0.136217	1.60519	1.60519	0.00104039	6.94105	6.94105	0.393247	0.772762	1.29406	6.56798	9.03787	1.22315	1
cg00489256	TDH	0.00722437	0.2039373	0.726204	1.37681	0.1849146	0.704157	1.41917	0.00101758	0.5353563	1.87459	0.1718584	0.828239	1.207312	0.0069164	0.3569573	2.80161	2.80161	0.5163225	1.94468	0.514225	1.94468	0.5163157	1.2166	0.8219356	1.22166	0.8214466	1.205994	0.4208358	0.4525777	2.02627	0.1506	2.08706	0.2027357	1.50521	1.50521	0.1506	2.08706	0.2027357
cg13165109	TDH	0.0162803	0.0985063	0.593456	1.68505	0.420494	0.788978	1.26746	0.356506	1.31406	1.31406	0.168441	0.655304	1.52601	0.389405	0.77568	1.28919	1.28919	0.699683	0.894376	1.1181	0.480108	1.22964	1.22964	0.000479051	0.84663	0.84663	0.88467	0.9590062	0.10469	0.04176	0.622691	1.16761	1
cg07099468	TDH	0.00248602	0.0004443	0.601071	1.6637	0.208411	1.13763	1.13763	0.833163	0.9797	1.02072	0.101797	0.840174	1.19023	0.626631	1.04882	1.04882	1.04882	0.3936688	0.918556	1.08867	0.00040934	1.72587	1.72587	0.217765	0.8815558	1.13436	0.0320197	1.27667	1.27667	9.58112	4.34551	0.133087	1
cg19904437	TDO1;C14or143;TDO1	0.00359339	0.97682	0.996217	1.0038	0.0126191	1.49856	1.49856	0.25208	1.18083	1.18083	0.218641	1.18384	1.18384	0.502474	1.09283	1.09283

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04904561	TDRD9;TDRD9	0.00187284	0.412118	1.32558	1.32558	0.510797	1.2513	1.2513	0.265881	1.47647	1.47647	0.92955	1.03017	1.03017	0.00841711	0.322694	-3.09891
cg26748297	TDRG1	0.00106548	0.992667	1.00187	1.00187	0.438549	1.17396	1.17396	0.00052289	0.333671	-2.99697	0.876581	0.968946	-1.03205	0.922752	1.01988	1.01988
cg02995731	TDRG1	0.00141896	0.664444	1.07889	1.07889	0.3696	0.851881	-1.17387	0.00720711	0.546963	-1.82828	0.609733	0.914327	-1.0937	0.748069	0.945478	-1.05767
cg23925779	TDRG1	0.00216739	0.388185	1.11322	1.11322	0.271009	0.870247	-1.1491	0.260395	0.867307	-1.15299	0.505441	1.0854	1.0854	0.634074	1.05988	1.05988
cg12797522	TDRG1	0.00370072	0.0379988	0.398118	-2.51182	0.00187005	0.184684	-5.41465	0.00345377	0.218664	-4.57322	0.0790209	0.473944	-2.10996	0.00041195	0.116844	-8.5584
cg19391675	TDRG1	0.00527413	0.0458685	0.557947	-1.79229	0.0217479	0.49546	-2.01833	0.175171	0.692391	-1.44427	0.0167402	2.10542	2.10542	0.0111104	0.444114	-2.25167
cg05276414	TDRG1	0.00955912	0.0291244	0.4126	-2.42365	0.0191888	0.376979	-2.65267	0.638919	0.849838	-1.1767	0.209381	1.577	1.577	0.000337109	0.136724	-7.31402
cg22476686	TDRG1	0.0210551	0.200676	1.1828	1.1828	0.314927	0.878907	-1.13778	0.457286	0.91026	-1.09859	0.167207	1.20068	1.20068	0.235124	1.16715	1.16715
cg03260104	TDRG1	0.035234	0.173088	1.46204	1.46204	0.163147	1.47697	1.47697	0.941911	0.981088	-1.01928	0.937957	1.02061	1.02061	0.364013	0.78317	-1.27686
cg18809597	TDRKH;TDRKH;TDRKH;TDRKH	0.000247048	0.261108	0.800614	-1.24904	0.000179442	0.300104	-3.33218	0.00538739	0.498986	-2.00407	0.582547	1.11108	1.11108	1.42E-05	0.179782	-5.5623
cg05943971	TDRKH;TDRKH;TDRKH;TDRKH	0.00100839	5.28E-05	0.408985	-2.44508	0.0246742	1.37257	1.37257	0.707545	1.04563	1.04563	0.181407	0.845391	-1.18288	0.467861	0.916268	-1.09138
cg22463080	TDRKH;TDRKH;TDRKH;TDRKH	0.00636161	0.77223	0.952178	-1.05022	0.00134067	2.19659	2.19659	0.0277214	1.55169	1.55169	0.22364	0.805845	-1.24093	0.00302301	0.503459	-1.98626
cg21712805	TDRKH;TDRKH;TDRKH;TDRKH	0.00683136	0.00639066	0.0648544	-15.4192	0.00155049	0.0299427	-33.3972	0.01016	0.0821538	-12.1723	0.133293	0.286942	-3.48503	0.0165629	0.104722	-9.5491
cg24503712	TDRKH;TDRKH;TDRKH;TDRKH	0.010471	0.0246595	0.292457	-3.41931	0.00560394	0.188	-5.31916	0.139129	0.481183	-2.07821	0.30636	0.614685	-1.62685	0.0148751	0.252455	-3.9611
cg22339486	TDRKH;TDRKH;TDRKH;TDRKH	0.0243628	0.0074305	0.549552	-1.81966	0.811953	0.959462	-1.04225	0.0554759	1.45772	1.45772	0.72118	0.939674	-1.0642	0.700996	0.935204	-1.06928
cg06716698	TEAD1	0.000202562	0.0008036	0.548173	-1.82424	0.667912	1.05263	1.05263	0.101168	0.807892	-1.23779	0.289496	0.877514	-1.13958	4.02E-06	0.280217	-3.56867
ch.11.340609R	TEAD1	0.00099797	0.00543125	0.29335	-3.4089	0.00631853	0.303571	-3.29412	0.1476	0.594014	-1.68346	2.48E-05	0.0601645	-16.6211	0.0241827	0.406154	-2.46212
cg12980830	TEAD1	0.00115989	0.730434	1.03758	1.03758	0.000222627	0.519131	-1.9263	0.00222235	0.633121	-1.57948	0.0473734	0.785077	-1.27376	0.518903	1.07224	1.07224
cg25037165	TEAD1	0.0022115	0.00114152	0.068986	-14.4957	0.00173063	0.0822493	-12.1582	0.00986689	0.161588	-6.18859	0.0546514	0.295696	-3.38186	0.000219016	0.0319417	-31.307
cg09070885	TEAD1	0.00263803	0.000533972	0.111038	-9.00593	0.0100987	0.266199	-3.75659	0.0123119	0.280534	-3.56463	0.182078	0.561285	-1.78163	0.000364379	0.0973661	-10.2705
ch.11.339559F	TEAD1	0.00356303	0.100518	0.470638	-2.12478	0.00061237	0.109612	-9.12312	0.000416438	0.0958268	-10.4355	?	?	?	?	?	?
cg24506086	TEAD1	0.0045621	0.00289638	0.530698	-1.88431	0.759602	0.953623	-1.04863	0.0364643	0.6865	-1.45666	0.975554	1.00475	1.00475	0.351455	0.862116	-1.15994
cg23849712	TEAD1	0.0118549	0.729157	1.0577	1.0577	0.645926	1.07752	1.07752	0.00376705	1.8796	1.8796	0.212778	0.809131	-1.23589	0.0350453	1.48644	1.48644
cg18531146	TEAD1	0.0135682	0.0130993	0.099429	-10.0574	0.0114015	0.0929604	-10.7573	0.111766	0.272749	-3.66638	0.024995	0.135249	-7.39379	0.00242781	0.0421455	-23.7273
cg26770464	TEAD1	0.0141009	0.019082	0.435949	-2.29384	0.488093	1.22892	1.22892	0.218123	0.684479	-1.46097	0.693691	1.12281	1.12281	0.000609708	0.213225	-4.68988
cg05214235	TEAD1	0.0184967	0.0327769	0.121816	-8.20911	0.00979854	0.0637673	-15.682	0.172698	0.294274	-3.39819	0.172988	0.294548	-3.39503	0.00188033	0.0243477	-41.0716
cg17650779	TEAD1	0.018928	0.495787	0.899818	-1.11134	0.00648217	0.582652	-1.71629	0.0157092	0.636417	-1.5713	0.376925	0.870759	-1.14842	0.143362	1.27128	1.27128
cg12223336	TEAD1	0.0195719	0.00325023	0.0881389	-11.3457	0.0263561	0.203124	-4.92311	0.0273871	0.206098	-4.85206	0.129041	0.37058	-2.69847	0.0102925	0.141309	-7.07671
cg14219059	TEAD1	0.0202033	0.646613	0.91573	-1.09202	0.00932143	0.533142	-1.87567	0.0115998	0.547829	-1.82539	0.60576	0.90548	-1.10439	0.34291	0.829993	-1.20483
cg01482376	TEAD1	0.0276325	0.549373	0.894382	-1.11809	0.0243118	0.609797	-1.63989	0.0130918	0.567187	-1.76309	0.754008	1.05963	1.05963	0.419744	0.859072	-1.16405
cg10427430	TEAD1	0.0343824	0.0521114	0.357573	-2.79663	0.018347	0.263903	-3.78928	0.12845	0.465391	-2.14873	0.854262	0.917972	-1.08936	0.00240008	0.139625	-7.16206
cg07008591	TEAD1	0.0346909	0.0232975	0.467403	-2.13948	0.26804	0.723504	-1.38216	0.0158254	0.436379	-2.29159	0.140883	0.641269	-1.55941	0.010236	0.403307	-2.4795
cg18525873	TEAD1	0.0377455	0.0222279	0.571772	-1.74895	0.080046	1.48606	1.48606	0.667935	0.915739	-1.09201	0.0449678	0.625434	-1.59889	0.530835	0.878542	-1.13825
cg27240158	TEAD1	0.0397374	0.0173614	0.186361	-5.36592	0.610334	0.742264	-1.34723	0.158527	0.417231	-2.39676	0.0827837	0.328211	-3.04682	0.0172535	0.185934	-5.37825
cg13487726	TEAD2	0.000195841	0.614435	1.17018	1.17018	0.0268344	0.444229	-2.25109	9.25E-05	0.115457	-8.66123	0.0562425	0.512255	-1.95215	0.000171197	0.138596	-7.21522
cg25296343	TEAD2	0.00541866	0.658496	1.11126	1.11126	0.138974	1.45896	1.45896	0.227956	0.74071	-1.35006	0.247296	0.750584	-1.3323	0.000195173	0.226237	-4.42015
cg27517861	TEAD2	0.0317909	0.353211	0.904149	-1.10601	0.228183	0.8751	-1.14273	0.0196575	0.742838	-1.34619	0.106426	0.830305	-1.20438	0.026816	0.758303	-1.31873
cg14909614	TEAD3	0.000353418	0.000229877	4.86581	4.86581	0.000679712	3.83065	3.83065	0.0958053	1.60503	1.60503	0.0047185	2.64058	2.64058	0.479938	1.2041	1.2041
cg23927571	TEAD3	0.00829896	0.29911	0.853162	-1.17211	0.00345434	0.556602	-1.79662	0.615055	0.927909	-1.07769	0.0274634	0.680553	-1.46939	0.000721696	0.468074	-2.13641
cg22424903	TEAD3	0.0178741	0.100229	0.637405	-1.56886	0.682303	1.1084	1.1084	0.0316191	0.5325	-1.87793	0.364956	1.26212	1.26212	0.00114132	0.302317	-3.30779
cg23254569	TEAD3	0.0465648	0.325226	0.800828	-1.24871	0.593017	0.888735	-1.12519	0.031077	0.575026	-1.73905	0.230847	0.759711	-1.31629	0.627821	0.898692	-1.11273
cg06921666	TEAD4;TEAD4;TEAD4	0.000213022	0.0239441	0.39653	-2.52188	0.0198451	0.380746	-2.62642	0.0013058	0.200452	-4.98873	0.522988	0.800691	-1.24892	1.32E-05	0.0434115	-23.0354
cg05824174	TEAD4;TEAD4;TEAD4	0.0037698	0.0377316	0.492356	-2.03105	0.0171085	0.425495	-2.3502	0.000977035	0.236469	-4.22889	0.429256	0.788797	-1.26775	0.00235461	0.287184	-3.48209
cg12902426	TEAD4;TEAD4;TEAD4	0.00859091	0.0177021	3.68877	3.68877	0.010302	0.229569	-4.35598	0.00609944	0.194096	-5.15209	0.319857	1.57312	1.57312	0.00923799	0.221827	-4.50802
cg02915837	TEAD4;TEAD4;TEAD4	0.0237829	0.981523	0.99511	-1.00491	0.476467	0.857902	-1.16563	0.572304	0.886217	-1.12839	0.594904	1.12032	1.12032	0.112964	0.694047	-1.44082
cg14815724	TEC	1.83E-06	0.562128	0.874235	-1.14386	0.0164096	1.95927	1.95927	5.03E-07	25.0667	25.0667	0.0244798	1.84891	1.84891	0.00672763	0.446709	-2.2386
cg10879955	TEC	6.53E-05	0.660509	0.861466	-1.16081	0.381621	1.35358	1.35358	0.0011252	5.04152	5.04152	0.0371554	2.26216	2.26216	0.596928	0.83522	-1.19729
cg11656405	TEC	0.000688979	0.0373286	0.653528	-1.53016	0.143114	0.758059	-1.31916	0.0043241	0.511001	-1.95694	0.11236	0.737669	-1.35562	0.000190046	0.330463	-3.02606
cg00594793	TEC	0.00147372	0.947597	0.986942	-1.01323	0.247627	0.785274	-1.27344	0.0567197	0.649663	-1.53926	0.275314	0.796953	-1.25478	3.34E-05	0.2	-4.99999
cg12505443	TEC	0.00171343	0.65088	0.687655	-1.45422	0.0800447	5.05753	5.05753	0.00158981	51.9806	51.9806	0.212851	2.96227	2.96227	0.110875	0.235635	-4.24385
cg06887260	TEC	0.00279467	0.462731	0.54952	-1.81977	0.196882	0.335293	-2.98247	0.0127104	11.9429	11.9429	0.768259	1.267	1.267	0.933442	0.935289	-1.06919
cg07278705	TEC	0.00318109	0.455202	0.84302	-1.18621	0.00119712	0.344466	-2.90304	0.000155052	0.233469	-4.28323	0.717999	0.921806	-1.08483	0.39655	0.822908	-1.2152
cg26700100	TEC	0.00356502	0.690252	0.888264	-1.12579	0.0987457	0.585392	-1.70826	0.510129	0.820684	-1.2185	0.0111852	0.390474	-2.56099	0.0025253	0.289312	-3.45648
cg24917627	TEC	0.00456933	0.709596	1.35109	1.35109	0.502968	1.72777	1.72777	0.00776982	15.6371	15.6371	0.304671	2.35159	2.35159	0.270863	0.397659	-2.51472
cg27324327	TEC	0.00689664	0.315427	0.606341	-1.64924	0.245273	1.79639	1.79639	0.000748052	11.7711	11.7711	0.701037	1.20434	1.20434	0.492028	0.714373	-1.39983
cg07026107	TEC	0.00690551	0.0148313	0.583443	-1.71396	0.0030715	2.07217	2.07217	0.868641	0.970685	-1.0302	0.268338	0.812821	-1.23028	0.947947	0.988333	-1.01181
cg06857316	TECPR1	2.17E-05	0.0823029	0.815512	-1.22622	0.00963747	0.706701	-1.41502	0.066665	0.804225	-1.24343	2.80E-05	0.417515	-2.39513	5.70E-07	0.231209	-4.3251
cg25395505	TECPR1	0.000644598	1.08E-05	0.29041	-3.4434	0.306028	0.869644	-1.1499	0.421645	0.897463	-1.11425	0.135244	0.808805	-1.23639	0.731845	0.95568	-1.04638
cg15825510	TECPR1	0.000810589	0.00335152	0.49087	-2.0372	0.208973	1.26629	1.26629	0.654886	0.922931	-1.08351	0.00540348	1.92084	1.92084	0.00121178	0.429742	-2.32698
cg21768835	TECPR1	0.000970408	0.119883	1.41416	1.41416	0.00236665	2.38867	2.38867	0.262797	1.27096	1.27096	0.0135088	0.533712	-1.87367	0.00010038	0.242559	-4.12271
cg00358516	TECPR1	0.0011708	0.942586	0.984397	-1.01585	0.00571496	2.20611	2.20611	0.0190094	1.85889	1.85889	0.0033158	2.39458	2.39458	0.00175564	0.377773	-2.64709
cg17540192	TECPR1	0.00123207	0.540065	0.886365	-1.1282	0.00105342	2.5659	2.5659	0.0105737	0.535075	-1.8689	0.00024765	0.308317	-3.24342	0.0379709	0.626331	-1.5966
cg18563899	TECPR1	0.00160627	0.0330683	2.04903	2.04903	0.00384294	3.0695	3.0695	0.188357	1.49366	1.49366	0.984118	1.00575	1.00575	0.520326	0.828963	-1.20633
cg18929814	TECPR1	0.00166995	0.800776	0.958511	-1.04329	0.0485315	0.685458	-1.45888	0.67586	0.931955	-1.07301	0.0729789	0.715229	-1.39815	0.0635739	0.705001	-1.41844
cg09829869	TECPR1	0.00278405	0.116887	0.628766	-1.59042	0.00504191	2.74631	2.74631	0.449135	1.23378	1.23378	0.00281877	0.326061	-3.06691	0.0635695	1.76502	1.76502
cg12128149	TECPR1	0.00879616	0.884547	0.945161	-1.05802	0.653429	1.19177	1.19177	0.277206	0.64489	-1.55065	0.00160823	0.17274	-5.78904	0.000874674	0.144068	-6.94115
cg07395000	TECPR1	0.0148794	0.330791	1.22138	1.22138	0.0361853	1.6249	1.6249	0.34838	1.21215	1.21215	0.434218	0.852985	-1.17235	0.000777112	0.36299	-2.7549
cg11324219	TECPR1	0.0220894	0.731425	0.907565	-1.10185	0.744322	0.911991	-1.0965	0.756992	1.09131	1.09131	0.845636	0.946607	-1.0564	0.598241	1.16147	1.16147
cg24143766	TECPR1	0.0283916	0.357494	0.884241	-1.13091	0.080299	0.777063	-1.2869	0.0204377	0.69545	-1.43792	0.97407	1.00423	1.00423	0.047508	0.744755	-1.34272
cg03661160	TECPR1	0.0427484	0.500913	1.09857	1.09857	0.0443403	1.37415	1.37415	0.914483	0.985327	-1.01489	0.522761	1.09323	1.09323	0.0882023	1.2955	1.2955
cg08062206	TECPR2	0.000535245	0.601755	1.13317	1.13317	0.121259	1.49019	1.49019	0.621072	0.888419	-1.12559	0.446618	1.20224	1.20224	7.87E-06	0.0978123	-10.2237
cg19598403	TECPR2	0.000846531	0.780901	0.93443	-1.07017	0.000236996	0.227356	-4.39839	0.00368662	0.384954	-2.59772	0.119993	1.5072	1.5072	0.931228	1.02122	1.02122
cg24123355	TECPR2	0.00442999	0.435781	0.922368	-1.08417	0.000282237	1.82791	1.82791	0.0052791	1.45321	1.45321	0.613946	1.05306	1.05306	0.103183	0.834293	-1.19862
cg13273916	TECPR2	0.00651183	0.0890473	1.42334	1.42334	0.35843	0.837143	-1.19454	0.454224	0.866323	-1.1543	0.00329078	0.470574	-2.12506	0.00174344	0.431624	-2.31683
cg06761850	TECPR2	0.0224453	0.437544	1.242	1.242	0.0230631	2.10371	2.10371	0.0913218	1.66344	1.66344	0.00186919	3.34492	3.34492	0.057245	1.80158	1.80158
cg13270707	TECPR2	0.023729	0.00537419	0.540277	-1.8509	0.075983	0.717716	-1.39331	0.0641055	0.705057	-1.41832	0.224978	0.807295	-1.2387	0.0186953	0.619583	-1.61399
cg20952105	TECPR2	0.0285932	0.137497	0.542151	-1.8445	0.00558307	0.248311	-4.02721	0.107363	0.510349	-1.95944	0.577405	1.24041	1.24041	0.134598	0.539313	-1.85421
cg23052930	TECPR2	0.02991	0.0579473	0.720602	-1.38773	0.0190394	1.5433	1.5433	0.0660686	1.37053	1.37053	0.796457	1.04031	1.04031	0.358902	1.15513	1.15513
cg23712530	TECPR2	0.0442735	0.151183	1.76021	1.76021	0.861119	1.06649	1.06649	0.859234	0.936826	-1.06743	0.05186	2.25532	2.25532	0.42536	1.34885	1.34885
cg23944322	TECPR2	0.045632	0.240885	0.793161	-1.26078	0.0137251	0.562638	-1.77734	0.165738	0.756542	-1.3218	0.0364071	0.631885	-1.58257	0.0151656	0.569469	-1.75602
cg22474507	TECPR2;CINP	0.0064862	0.0218065	0.746749	-1.33914	0.00231969	1.57037	1.57037	0.0212065	1.34164	1.34164	0.422313	0.916722	-1.09084	0.259236	0.88262	-1.13299
cg10335543	TECPR2;CINP	0.00737732	?	?	?	0.0004141	0.195327	-5.11962	0.910179	0.967643	-1.03344	0.106129	1.67257	1.67257	0.158804	0.644691	-1.55113
cg07001734	TECPR2;CINP	0.01867	0.659914	1.08159	1.08159	0.677565	1.07688	1.07688	0.0612307	1.45296	1.45296	0.148547	1.31584	1.31584	0.183313	1.28413	1.28413
cg22945462	TECPR2;CINP	0.0280515	0.274681	0.725649	-1.37808	0.136437	1.57258	1.57258	0.542831	1.18982	1.18982	0.778474	1.08283	1.08283	0.313341	1.34211	1.34211
cg15697902	TECR	9.18E-06	0.000399191	2.26249	2.26249	0.0255223	1.469	1.469	0.00877451	1.62206	1.62206	1.44E-06	5.90409	5.90409	0.000854085	0.48383	-2.06684
cg15939937	TECR	0.000811153	0.0479603	1.36706	1.36706	0.0700292	1.32329	1.32329	0.0590051	1.34294	1.34294	0.000222179	2.3402	2.3402	0.314542	0.866037	-1.15469
cg08345979	TECR	0.00178751	4.03E-05	0.527737	-1.89488	0.173626	0.888668	-1.12528	0.557414	0.952775	-1.04957	0.498704	1.05759	1.05759	0.0236924	1.24631	1.24631
cg10007692	TECR	0.0177952	0.740209	1.03983	1.03983	0.166177	0.840874	-1.18924	0.222711	0.860356	-1.16231	0.00317891	0.623171	-1.6047	0.00134162	0.578669	-1.7281
cg23690893	TECR	0.0338276	0.0834842	3.55051	3.55051	0.0020013	17.9013	17.9013	0.0415934	4.72962	4.72962	0.73442	1.25259	1.25259	0.614559	0.714744	-1.3991
cg21479305	TECR;MIR639	0.0236312	0.225891	1.35492	1.35492	0.890567	1.03343	1.03343	0.852391	0.956486	-1.04549	0.000957447	0.308768	-3.23868	0.399564	1.22872	1.22872
cg15649193	TECR;MIR639;TECR	0.0047359	0.299007	0.83544	-1.19697	0.219494	1.2407	1.2407	0.249547	1.22264	1.22264	0.664727	0.929754	-1.07555	0.000466707	0.398903	-2.50688
cg03132518	TECRL	0.00775339	0.106064	0.539343	-1.85411	0.463127	0.770107	-1.29852	0.0412728	0.438919	-2.27832	0.103713	0.536675	-1.86332	0.000352072	0.134208	-7.45112
cg07217293	TECTA	2.98E-05	2.02E-05	0.135891	-7.35883	0.000360633	0.265916	-3.76059	0.000962617	0.320408	-3.12102	0.00262238	0.381173	-2.62348	6.64E-06	0.0984017	-10.1624
cg02776514	TECTA	0.000490581	0.12929	1.16892	1.16892	0.00103686	0.629637	-1.58822	0.859903	1.01697	1.01697	0.0591926	1.22489	1.22489	0.11157	1.17943	1.17943
cg13659360	TECTA	0.00056702	0.18407	1.41909	1.41909	0.601031	1.14003	1.14003	0.666225	1.11382	1.11382	0.90787	1.02917	1.02917	1.29E-05	0.102632	-9.74355
cg13751188	TECTA	0.00180226	0.00888575	0.460922	-2.16957	0.00758072	0.449806	-2.22318	0.060595	0.611311	-1.63583	0.0290571	0.549652	-1.81933	3.60E-05	0.156794	-6.37778
cg24327383	TECTA	0.0022512	0.150639	0.763167	-1.31033	0.802171	1.04503	1.04503	0.153571	0.764846	-1.30745	0.285241	0.823049	-1.21499	3.95E-05	0.251705	-3.97291
cg13892828	TECTA	0.00368449	0.000145841	0.122914	-8.1358	0.0611703	0.508371	-1.96707	0.0474832	0.48336	-2.06885	0.462601	0.786804	-1.27097	0.0139574	0.377697	-2.64762
cg26270027	TECTA	0.00592475	0.00222626	0.157369	-6.35449	0.00823709	4.30044	4.30044	0.423553	1.42305	1.42305	0.0621867	0.404042	-2.47499	0.0103862	0.248311	-4.0272
cg15737168	TECTA	0.00618901	0.0262458	1.69808	1.69808	0.00228074	0.424474	-2.35585	0.0150419	0.5487	-1.82249	0.00698639	0.496233	-2.01518	0.211607	0.767744	-1.30252
cg02064831	TECTA	0.0084056	0.424314	0.880832	-1.13529	0.0106749	0.607069	-1.64726	0.668552	0.935217	-1.06927	0.972972	0.994745	-1.00528	0.444141	1.12898	1.12898
cg13085038	TECTA	0.0110476	0.942695	1.01077	1.01077	0.501533	0.903363	-1.10697	0.156855	0.79804	-1.25307	0.085624	1.3272	1.3272	0.000418835	0.43459	-2.30102
cg01810719	TECTA	0.0163317	0.873079	1.02823	1.02823	0.0789212	0.711929	-1.40463	0.0116498	0.577474	-1.73168	0.385299	0.856405	-1.16767	0.533349	1.11614	1.11614
cg19102713	TECTA	0.0177914	0.0403491	0.778355	-1.28476	0.390163	1.09764	1.09764	0.428937	0.91811	-1.08919	0.764685	0.968737	-1.03227	0.767909	0.969174	-1.03181
cg05414783	TECTA	0.0274304	0.89523	1.02532	1.02532	0.000455457	2.85209	2.85209	0.0650514	1.4816	1.4816	0.173082	1.31669	1.31669	0.944596	0.986897	-1.01328
cg14252059	TECTA	0.0298611	0.00203513	0.190726	-5.24313	0.657064	1.18556	1.18556	0.828037	1.0864	1.0864	0.311887	0.67131	-1.48963	0.00799445	0.273919	-3.65071
cg02140425	TECTA	0.0385323	0.0876218	0.737404	-1.35611	0.343335	0.854093	-1.17083	0.47802	1.1236	1.1236	0.27202	0.831333	-1.20289	0.00566779	0.556344	-1.79745
cg16796135	TECTA	0.0401268	0.590026	0.855295	-1.16919	0.00830952	0.379276	-2.6366	0.24189	0.703286	-1.4219	0.539871	1.19523	1.19523	0.0133469	0.414453	-2.41282
cg11514462	TECTA	0.0438044	0.144337	1.44008	1.44008	0.591173	1.1344	1.1344	0.252441	0.757282	-1.32051	0.314374	0.78508	-1.27376	0.0029064	0.386056	-2.5903
cg04135144	TEDDM1;TEDDM1	0.000827002	0.00178536	0.71089	-1.40669	0.000848018	0.680474	-1.46956	0.0022513	0.720226	-1.38845	0.905506	1.00916	1.00916	0.109991	0.874844	-1.14306
cg23915792	TEF	0.0029516	0.0176514	1.49001	1.49001	0.265051	1.17406	1.17406	0.568539	1.08288	1.08288	0.00022188	0.427597	-2.33865	0.0839361	1.3024	1.3024
cg26297819	TEF	0.00861809	0.00306396	0.526691	-1.89865	0.452257	0.885965	-1.12871	0.00661837	1.74603	1.74603	0.182042	1.25101	1.25101	0.379841	0.867243	-1.15308
cg10169194	TEF	0.032379	0.480786	1.22658	1.22658	0.0276172	2.10059	2.10059	0.543876	1.19133	1.19133	0.830454	1.06301	1.06301	0.0923369	1.69543	1.69543
cg05940240	TEF	0.0431939	0.016486	0.238649	-4.19025	0.0540338	0.343212	-2.91365	0.0697939	0.370995	-2.69545	0.166382	0.485968	-2.05775	0.0251905	0.272042	-3.67591
cg16745549	TEF;TEF	0.000661036	0.133216	1.14255	1.14255	0.0031215	0.717119	-1.39447	0.00761615	0.754052	-1.32617	0.296005	0.914711	-1.09324	0.160236	0.883888	-1.13136
cg12957096	TEF;TEF	0.000814431	0.748715	0.959283	-1.04245	0.847178	0.975354	-1.02527	0.145894	0.817153	-1.22376	0.611888	0.935963	-1.06842	0.0974701	0.790408	-1.26517
cg01066936	TEF;TEF	0.00097244	0.00249744	0.345374	-2.89541	0.0809403	0.612791	-1.63188	0.887234	0.96473	-1.03656	0.00432362	2.62554	2.62554	0.000846313	0.280912	-3.55984
cg26681399	TEF;TEF	0.0096621	0.633762	0.972233	-1.02856	0.000666075	1.35746	1.35746	0.0285421	1.16369	1.16369	0.375063	0.947988	-1.05487	0.065871	1.12871	1.12871
cg13228442	TEF;TEF	0.0110647	0.271918	1.14552	1.14552	0.429575	0.908654	-1.10053	0.00269802	1.63636	1.63636	0.0767447	1.26345	1.26345	0.850061	1.02274	1.02274
cg22626522	TEF;TEF	0.0125746	0.0200788	1.58368	1.58368	0.133873	1.30342	1.30342	0.00263146	1.97869	1.97869	0.204464	0.802932	-1.24544	0.0626328	0.709346	-1.40975
cg03697629	TEF;TEF	0.0175822	0.549614	1.18741	1.18741	0.0396741	0.509187	-1.96392	0.146444	1.55627	1.55627	0.571389	0.850192	-1.17621	0.0647518	0.555109	-1.80145
cg20107201	TEF;TEF	0.0276677	0.389851	0.809269	-1.23568	0.022069	0.517205	-1.93347	0.635726	1.12142	1.12142	0.723505	0.918228	-1.08905	0.0122795	2.11495	2.11495
cg09258082	TEF;TEF	0.0452608	0.0735431	0.756858	-1.32125	0.0341524	0.7081	-1.41223	0.541818	1.09006	1.09006	0.00842683	1.59967	1.59967	0.151283	0.80677	-1.23951
cg13974798	TEK	0.00168188	0.00111858	1.7899	1.7899	0.00592205	0.646195	-1.54752	0.475285	0.915704	-1.09206	0.000357831	0.499178	-2.00329	0.215861	1.17116	1.17116
cg01284193	TEK	0.00253383	0.00521259	2.59777	2.59777	0.00327509	2.82348	2.82348	0.00858219	2.38264	2.38264	0.0718169	1.6829	1.6829	0.488116	0.833257	-1.20011
cg05094548	TEKT1	0.00265759	0.245815	1.19348	1.19348	0.122898	0.783828	-1.27579	0.967494	1.00596	1.00596	0.376602	1.14135	1.14135	0.104739	0.772308	-1.29482
cg20663042	TEKT1	0.00624812	0.0897776	0.644426	-1.55177	0.853299	0.957443	-1.04445	0.452926	1.19678	1.19678	0.0235418	0.529709	-1.88783	0.00316345	0.387754	-2.57896
cg07989568	TEKT1	0.0105942	0.0123568	0.772883	-1.29386	0.0866279	0.855094	-1.16946	0.300612	0.915105	-1.09277	0.0111744	1.30084	1.30084	0.879361	0.987516	-1.01264
cg15615160	TEKT1	0.0170152	0.240524	1.16841	1.16841	0.222354	1.17637	1.17637	0.419834	0.900868	-1.11004	0.0244715	1.40423	1.40423	0.928606	0.988713	-1.01142
cg15727185	TEKT1	0.0339715	0.994141	1.0009	1.0009	0.165253	0.833587	-1.19964	0.119686	0.81251	-1.23075	0.00773859	1.52299	1.52299	0.197736	1.18226	1.18226
cg02575937	TEKT2	0.000285789	0.000230905	0.366996	-2.72482	0.297497	1.19374	1.19374	0.000311341	0.383293	-2.60897	0.465835	0.885424	-1.1294	0.000169234	0.350281	-2.85485
cg27506609	TEKT2	0.00086132	0.000550839	0.327109	-3.05709	0.0579495	0.639862	-1.56284	0.00126774	0.375404	-2.6638	0.00594949	2.11537	2.11537	0.862335	1.03682	1.03682
cg03260744	TEKT2	0.0032417	0.0047358	0.562998	-1.77621	0.00557018	1.74639	1.74639	0.0635736	0.726593	-1.37629	0.00136471	0.490859	-2.03724	0.00503777	0.566653	-1.76475
cg22789254	TEKT2	0.00607471	0.00187743	0.273914	-3.65079	0.907173	1.03486	1.03486	0.566652	0.843566	-1.18544	0.577244	0.847558	-1.17986	0.00030172	0.178019	-5.61738
cg19252108	TEKT2;ADPRHL2	0.00421456	0.0027054	0.320919	-3.11605	0.51001	1.20118	1.20118	0.00323318	0.332255	-3.00974	0.640184	1.13784	1.13784	0.000418954	0.215633	-4.63751
cg05813330	TEKT2;ADPRHL2	0.00785308	0.229346	0.815722	-1.22591	0.00049864	0.414973	-2.4098	0.215383	0.810124	-1.23438	0.589991	0.915905	-1.09182	0.0262875	0.653407	-1.53044
cg24813212	TEKT2;TEKT2	0.0365635	0.615567	0.943064	-1.06037	0.00459338	1.54778	1.54778	0.0391899	1.31825	1.31825	0.148736	0.83584	-1.1964	0.484199	1.0858	1.0858
cg02019487	TEKT3	0.0046483	0.00663227	0.557143	-1.79487	0.102747	0.743525	-1.34494	0.00119442	0.454607	-2.1997	0.0440828	0.681125	-1.46816	0.000930585	0.440226	-2.27156
cg22264930	TEKT3	0.00715199	0.0388087	0.306319	-3.26458	0.278747	1.74532	1.74532	0.219574	0.528125	-1.89349	0.16692	0.48253	-2.07241	0.00522363	0.161664	-6.18568
cg21375928	TEKT3	0.0161461	0.117778	0.678563	-1.4737	0.23409	0.752191	-1.32945	0.0853786	0.647814	-1.54365	0.579466	0.880039	-1.13631	0.742382	0.927464	-1.07821
cg22718140	TEKT3	0.016557	0.199103	0.816061	-1.2254	0.197987	1.22609	1.22609	0.0195317	0.655207	-1.52624	0.124904	0.779698	-1.28255	0.0633373	0.731383	-1.36727
cg25023058	TEKT3	0.034906	0.00292042	0.136116	-7.34667	0.927356	1.04312	1.04312	0.733095	0.853384	-1.17181	0.0181341	0.254059	-3.93609	0.866217	1.08119	1.08119

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04904561	0.298165	1.43686	1.43686	0.000150688	8.90645	8.90645	0.0186445	2.6077	2.6077	0.00152342	4.6368	4.6368	9.82795	17.5826	1.59026	1
cg26748297	0.0355141	0.608462	-1.64349	0.384882	1.19822	1.19822	3.70E-05	0.199767	-5.00584	0.598251	0.89769	-1.11397	11.5566	7.54108	0.580032	1
cg02995731	0.0286594	1.56689	1.56689	0.000233099	0.34572	-2.89252	0.000356984	0.369033	-2.70979	0.0366127	0.655386	-1.52582	10.6483	5.10456	0.426113	1
cg23925779	0.316058	1.13395	1.13395	0.00179718	1.71358	1.71358	0.000207216	0.470816	-2.12397	0.014683	0.69469	-1.43949	9.41834	2.1938	0.207048	1
cg12797522	0.166842	0.568763	-1.7582	0.0140164	0.31302	-3.19469	0.00417815	0.230054	-4.34681	0.0363153	0.393845	-2.53907	8.03833	18.6619	2.06366	1
cg19391675	0.00341324	0.362607	-2.75781	0.0331205	1.88723	1.88723	0.0373763	0.540141	-1.85137	0.308708	0.764445	-1.30814	7.2198	7.43266	0.915096	1
cg05276414	0.0428515	0.448207	-2.23111	0.544401	0.809587	-1.2352	0.106182	0.544723	-1.8358	0.397117	0.741909	-1.34787	5.99633	11.2573	1.66877	1
cg22476686	0.051003	1.31796	1.31796	0.00775011	1.52926	1.52926	0.00740187	0.651437	-1.53507	0.302675	1.14182	1.14182	4.62289	1.1296	0.2172	1
cg03260104	0.281776	1.34054	1.34054	0.00622544	2.54551	2.54551	0.0140333	0.45175	-2.21361	0.14004	1.51585	1.51585	3.85781	4.19418	0.966393	1
cg18809597	0.0161712	0.572204	-1.74763	0.731094	0.936639	-1.06765	0.718272	0.933568	-1.07116	0.000357492	0.337237	-2.96527	17.346	9.89054	0.506836	1
cg05943971	0.205453	1.17133	1.17133	0.00120473	0.570409	-1.75313	0.420001	1.10245	1.10245	0.296399	1.13675	1.13675	11.7387	2.60549	0.197296	1
cg22463080	0.863681	1.02944	1.02944	0.723784	0.941849	-1.06174	0.0568833	0.695002	-1.43885	0.573177	1.10089	1.10089	6.81469	3.07669	0.401315	1
cg21712805	0.0504092	0.179219	-5.57977	0.00292719	0.0428068	-23.3608	0.0112306	0.0863874	-11.5758	0.017556	0.107755	-9.28032	6.66557	62.7403	8.36675	1
cg24503712	0.0324741	0.316528	-3.15927	0.00118315	0.112418	-8.89538	0.00955704	0.221341	-4.51791	0.0300573	0.309588	-3.23009	5.8241	19.4774	2.9727	1
cg22339486	0.905846	1.02076	1.02076	0.0121291	0.581055	-1.72101	0.823121	1.03964	1.03964	0.0258549	1.58312	1.58312	4.39648	2.09923	0.424426	1
cg06716698	0.648175	0.946866	-1.05612	0.146434	1.20353	1.20353	0.115322	1.22564	1.22564	0.0250723	0.728529	-1.37263	18.3079	4.09533	0.198837	1
ch.11.340609R	0.0221342	0.398646	-2.50849	0.00181395	0.226162	-4.42161	0.0143922	0.363746	-2.74917	0.0373591	0.444875	-2.24782	11.7733	20.9551	1.58212	1
cg12980830	0.286484	1.12531	1.12531	0.00125969	1.65233	1.65233	0.110534	0.830702	-1.2038	0.165247	0.853954	-1.17102	11.2806	2.03263	0.160167	1
cg25037165	0.322408	0.564764	-1.77065	0.0163776	0.193971	-5.15541	0.320166	0.563168	-1.77567	0.00714387	0.143444	-6.97134	9.363	46.33	4.3984	1
cg09070885	0.0076337	0.246942	-4.04953	0.0364294	0.370981	-2.69555	0.201346	0.576821	-1.73364	0.00543305	0.225002	-4.44441	8.89013	23.4114	2.34082	1
ch.11.339559F	0.694064	0.847377	-1.18011	0.103045	0.47374	-2.11086	0.200083	0.567206	-1.76303	0.107736	0.479364	-2.0861	8.53501	18.4506	2.47058	1
cg24506086	0.647612	0.931274	-1.0738	0.00561512	1.75508	1.75508	0.264253	1.19726	1.19726	0.00117626	0.478762	-2.08872	7.54627	2.86094	0.336996	1
cg23849712	0.213663	1.23533	1.23533	0.000730446	2.29043	2.29043	0.914113	1.01757	1.01757	0.768678	1.04875	1.04875	5.59553	2.30858	0.366733	1
cg18531146	0.125376	0.288148	-3.47044	0.00480331	0.0603807	-16.5616	0.036341	0.161165	-6.20483	0.0424683	0.17331	-5.77001	5.35467	47.7219	7.92196	1
cg26770464	0.383108	1.29918	1.29918	0.0260449	0.461667	-2.16606	0.275875	0.717702	-1.39334	0.904627	0.965531	-1.0357	5.28738	7.17115	1.20558	1
cg05214235	0.263029	0.373966	-2.67404	0.0441642	0.142426	-7.02117	0.411686	2.029	2.029	0.0201809	0.094272	-10.6076	4.83064	54.3586	10.0026	1
cg17650779	0.304528	0.850186	-1.17621	0.00831578	1.67342	1.67342	0.751685	0.952703	-1.04964	0.861446	0.973688	-1.02702	4.79321	1.76855	0.327974	1
cg12223336	0.0834527	0.313617	-3.1886	0.00959551	0.137445	-7.27562	0.124687	0.365685	-2.73459	0.0273688	0.206046	-4.85329	4.73924	27.4911	5.15622	1
cg14219059	0.66162	1.08762	1.08762	0.00529865	2.01547	2.01547	0.569438	1.11588	1.11588	0.514035	0.881438	-1.13451	4.68842	2.70045	0.511985	1
cg01482376	0.458892	1.14909	1.14909	0.00649167	1.91921	1.91921	0.488473	0.87838	-1.13846	0.203379	0.780834	-1.28068	4.2073	2.26238	0.477979	1
cg10427430	0.0507652	0.354879	-2.81786	0.067568	0.385487	-2.59412	0.789776	0.883046	-1.13244	0.0704438	0.390176	-2.56295	3.8921	13.3559	3.05025	1
cg07008591	0.324479	1.33035	1.33035	0.229168	0.701875	-1.42475	0.981449	0.993499	-1.00654	0.0156788	0.435652	-2.29541	3.87956	4.83542	1.1079	1
cg18525873	0.239292	0.777749	-1.28576	0.0137526	1.86125	1.86125	0.624978	1.1057	1.1057	0.487567	1.15471	1.15471	3.76237	2.47896	0.585672	1
cg27240158	0.641757	0.762067	-1.31222	0.0054211	0.119756	-8.35033	0.0283785	0.223002	-4.48426	0.0976571	0.348574	-2.86883	3.69208	19.6661	4.73472	1
cg13487726	1.35E-05	0.0597785	-16.7284	0.0083129	0.352125	-2.8399	0.0449575	0.490681	-2.03798	0.0109987	0.372674	-2.68331	18.4761	28.0129	1.3477	1
cg25296343	0.761181	0.930253	-1.07498	0.48966	0.84667	-1.1811	0.354875	1.25324	1.25324	0.0158473	2.01552	2.01552	7.16022	6.37902	0.791909	1
cg27517861	0.182623	1.16089	1.16089	0.0409496	1.28254	1.28254	0.770131	0.969566	-1.03139	0.0972332	1.21165	1.21165	4.00326	0.705449	0.156639	1
cg14909614	0.00199764	3.09101	3.09101	6.68E-05	6.61856	6.61856	0.000547409	4.0099	4.0099	0.00127065	3.37366	3.37366	15.7272	16.6623	0.941742	1
cg23927571	0.976015	1.00445	1.00445	0.204173	1.21864	1.21864	0.0711151	0.742678	-1.34648	0.0295685	0.685205	-1.45942	6.27123	2.16278	0.306554	1
cg22424903	0.114565	0.651047	-1.53599	0.232185	1.36797	1.36797	0.388618	1.24726	1.24726	0.40768	1.23589	1.23589	4.88665	4.83978	0.880364	1
cg23254569	0.913639	1.024	1.024	0.00300126	2.43467	2.43467	0.684321	0.914504	-1.09349	0.427744	0.837752	-1.19367	3.48059	2.63524	0.673002	1
cg06921666	7.07E-05	0.0830237	-12.0448	0.00462802	0.274275	-3.64598	0.791162	0.912903	-1.09541	0.00148864	0.207393	-4.82177	18.0594	33.7209	1.65975	1
cg05824174	0.156928	0.64076	-1.56065	0.099857	1.69923	1.69923	0.0276104	0.46496	-2.15072	0.00235379	0.287163	-3.48235	7.99381	10.9441	1.21695	1
cg12902426	0.157336	1.95438	1.95438	0.90042	1.05644	1.05644	0.892073	0.942199	-1.06135	?	?	?	7.21265	19.1168	2.31915	1
cg02915837	0.0267761	0.573803	-1.74276	0.170014	0.733889	-1.3626	0.0297234	1.71884	1.71884	0.00475253	2.21163	2.21163	4.43332	3.14673	0.630926	1
cg14815724	0.653962	0.901702	-1.10901	0.805464	0.944985	-1.05822	2.98E-07	31.3678	31.3678	3.56E-06	12.1153	12.1153	62.801	52.3051	0.74033	1
cg10879955	0.00952817	0.330247	-3.02804	0.168199	0.609283	-1.64127	3.53E-06	39.4383	39.4383	8.37E-05	10.889	10.889	24.8078	44.7248	1.60254	1
cg11656405	0.0015209	0.44771	-2.23359	0.00269236	2.07499	2.07499	0.246159	0.807764	-1.23798	0.00135145	0.44074	-2.26891	13.0689	6.41284	0.436172	1
cg00594793	0.206995	0.766341	-1.3049	0.00169899	0.408015	-2.45089	0.402609	0.842575	-1.18684	?	?	?	10.7781	6.06798	0.562992	1
cg12505443	0.03457	0.125752	-7.95217	0.0987427	0.221351	-4.51772	0.000466358	130.982	130.982	0.00194972	45.1117	45.1117	12.0816	126.302	8.13093	1
cg06887260	0.24615	0.37854	-2.64173	0.155829	3.37428	3.37428	0.000332849	103.307	103.307	0.000805541	57.3918	57.3918	8.7399	88.7954	9.03091	1
cg07278705	0.0043597	0.425257	-2.35152	0.291332	0.78206	-1.27868	0.277364	0.775981	-1.28869	0.0182772	0.525675	-1.90232	8.41028	6.71372	0.709578	1
cg26700100	0.216356	0.680577	-1.46934	0.000171845	0.151343	-6.6075	0.353899	0.754178	-1.32595	0.00328024	0.305688	-3.27131	8.12889	11.2641	1.23172	1
cg24917627	0.366236	0.473914	-2.11009	0.933044	0.934639	-1.06993	0.000341439	103.56	103.56	0.00214725	32.0524	32.0524	7.54263	77.3006	9.10976	1
cg27324327	0.246002	0.557222	-1.79462	0.966087	0.979717	-1.0207	0.00270793	7.36569	7.36569	0.014141	4.30359	4.30359	6.64586	24.4521	3.27048	1
cg07026107	0.942285	1.0131	1.0131	0.00477901	1.96065	1.96065	0.0148297	1.71398	1.71398	0.168277	0.768032	-1.30203	6.6432	3.39965	0.454889	1
cg06857316	0.0227884	1.33474	1.33474	0.00307852	0.650964	-1.53618	0.040119	0.777782	-1.28571	0.24931	1.13608	1.13608	33.1596	5.89605	0.158052	1
cg25395505	0.110448	1.25765	1.25765	0.0485774	1.34571	1.34571	0.722043	0.954017	-1.0482	0.0131497	0.666836	-1.49962	13.3147	3.66257	0.244514	1
cg15825510	0.00643105	0.531626	-1.88102	0.000288622	0.348397	-2.87029	0.0247645	0.620975	-1.61037	0.0324929	0.640062	-1.56235	12.4858	6.28393	0.447366	1
cg21768835	0.0496087	1.58411	1.58411	0.351181	1.21782	1.21782	0.0898744	0.681161	-1.46808	0.207751	1.31364	1.31364	11.8671	7.92736	0.593787	1
cg00358516	0.00469795	0.44027	-2.27133	0.0143183	0.517165	-1.93362	0.0403149	0.596185	-1.67733	0.461374	0.848973	-1.17789	11.2506	8.49467	0.671148	1
cg17540192	0.82511	0.957876	-1.04398	0.304463	1.22974	1.22974	0.581573	1.11431	1.11431	0.0087089	0.522022	-1.91563	11.088	6.64068	0.532364	1
cg18563899	0.0440173	0.513672	-1.94677	0.000246002	5.71725	5.71725	0.00129134	3.85683	3.85683	0.0118276	2.47136	2.47136	10.2748	13.4846	1.16657	1
cg18929814	0.000484873	0.399823	-2.50111	0.00946523	1.73506	1.73506	0.00110994	2.23737	2.23737	0.229621	0.809571	-1.23522	10.1601	4.51925	0.395383	1
cg09829869	0.00208847	0.307399	-3.2531	0.0693934	1.73897	1.73897	0.0517895	0.547249	-1.82732	0.215985	0.701397	-1.42573	8.74975	10.2815	1.0445	1
cg12128149	0.0296726	0.370248	-2.70089	0.0351347	0.385701	-2.59268	0.594071	1.23221	1.23221	0.33121	0.677621	-1.47575	6.15693	14.6929	2.12125	1
cg07395000	0.141422	1.37045	1.37045	0.522083	1.13803	1.13803	0.812567	0.953766	-1.04848	0.161616	0.742401	-1.34698	5.19454	3.26727	0.559094	1
cg11324219	0.000382988	0.202699	-4.93341	0.158546	1.5285	1.5285	0.541145	0.840174	-1.19023	0.320852	0.749209	-1.33474	4.54761	5.70769	1.11564	1
cg24143766	0.172842	1.20755	1.20755	0.00821487	1.55207	1.55207	0.459157	0.906659	-1.10295	0.256811	0.857386	-1.16634	4.16733	1.11553	0.237942	1
cg03661160	0.470465	1.10632	1.10632	0.00353307	0.580299	-1.72325	0.642369	1.06647	1.06647	0.171625	1.22173	1.22173	3.59369	1.07781	0.266593	1
cg08062206	0.50228	0.850721	-1.17547	0.0254326	1.87884	1.87884	0.567697	0.871847	-1.14699	0.474105	1.18869	1.18869	14.0228	12.5203	0.793647	1
cg19598403	0.705257	1.09683	1.09683	0.000295358	4.19421	4.19421	0.435134	1.2137	1.2137	0.116586	1.51394	1.51394	12.3341	11.5559	0.832808	1
cg24123355	0.998763	1.00016	1.00016	0.0673239	1.23167	1.23167	0.0213406	1.32467	1.32467	0.0470807	1.25981	1.25981	7.61384	1.24563	0.145423	1
cg13273916	0.00950984	0.538829	-1.85588	0.0577501	0.667731	-1.49761	0.0137643	0.5637	-1.77399	0.544998	1.12222	1.12222	6.76555	3.79661	0.498816	1
cg06761850	0.530095	0.840243	-1.19013	0.296489	0.743613	-1.34479	0.136133	1.55191	1.55191	0.035278	1.95614	1.95614	4.52271	5.36465	1.05436	1
cg13270707	0.149214	0.771219	-1.29665	0.613427	1.08933	1.08933	0.487278	1.12586	1.12586	0.00581153	0.545107	-1.8345	4.4368	1.98245	0.397174	1
cg20952105	0.482533	0.760956	-1.31414	0.177888	0.578113	-1.72977	0.0114159	3.35952	3.35952	0.434258	0.736843	-1.35714	4.15693	9.64505	2.06243	1
cg23052930	0.0584177	1.38666	1.38666	0.0761445	0.739582	-1.35211	0.285186	0.84392	-1.18495	0.084538	0.747016	-1.33866	4.09119	1.51422	0.328993	1
cg23712530	0.0276736	2.6038	2.6038	0.00431349	4.06652	4.06652	0.0184571	2.85962	2.85962	0.115029	1.87752	1.87752	3.54705	7.59162	1.90245	1
cg23944322	0.93244	1.01613	1.01613	0.144977	0.744206	-1.34371	0.0123255	0.55533	-1.80073	0.7905	1.05154	1.05154	3.50715	1.9787	0.501502	1
cg22474507	0.00710486	1.44617	1.44617	0.476046	1.07991	1.07991	0.0161124	1.36666	1.36666	0.420835	1.09116	1.09116	6.77384	1.20732	0.15843	1
cg10335543	?	?	?	0.158184	0.644212	-1.55228	0.9627	0.986462	-1.01372	0.112273	1.65526	1.65526	6.81149	7.12786	1.19594	1
cg07001734	0.192016	1.27714	1.27714	0.0177155	0.599968	-1.66676	0.00138686	2.27279	2.27279	0.217594	1.25829	1.25829	4.81547	2.39289	0.441704	1
cg22945462	0.000947288	0.248915	-4.01743	0.205393	0.685937	-1.45786	0.740384	1.09837	1.09837	0.427606	1.25675	1.25675	4.18507	5.27705	1.12082	1
cg15697902	0.00258169	1.83183	1.83183	0.759349	0.956451	-1.04553	1.70E-06	5.68624	5.68624	0.0461403	1.39252	1.39252	41.4832	13.7967	0.295632	1
cg15939937	0.00107363	1.95049	1.95049	0.00704742	1.61878	1.61878	0.000157824	2.4443	2.4443	0.00318963	1.74514	1.74514	12.4833	3.78097	0.269228	1
cg08345979	0.172688	1.12561	1.12561	0.122326	0.872388	-1.14628	0.66715	0.96534	-1.0359	0.310137	1.0894	1.0894	9.96187	1.04878	0.0935813	1
cg10007692	0.957838	0.993814	-1.00622	0.0302962	0.741608	-1.34842	0.124518	0.822653	-1.21558	0.43601	0.910935	-1.09777	4.89391	1.06798	0.193978	1
cg23690893	0.96456	1.02982	1.02982	0.0435424	4.64147	4.64147	0.0329693	5.2041	5.2041	0.545451	1.49884	1.49884	3.915	27.1229	6.15817	1
cg21479305	0.0912505	0.641302	-1.55933	0.0375837	0.562037	-1.77924	0.964916	1.01056	1.01056	0.60112	1.13427	1.13427	4.44314	4.01438	0.803112	1
cg15649193	0.957634	0.991166	-1.00891	0.756503	1.05333	1.05333	0.0418439	1.47964	1.47964	0.00293348	1.97876	1.97876	7.46098	3.29676	0.392771	1
cg03132518	0.00716077	0.296836	-3.36886	0.0610552	0.477893	-2.09252	0.697103	0.87213	-1.14662	0.00498157	0.272485	-3.66992	6.4069	12.4144	1.72236	1
cg07217293	0.172818	1.39917	1.39917	1.93E-05	0.134181	-7.45264	0.798128	0.942386	-1.06114	0.00149082	0.346286	-2.88778	30.5245	25.9137	0.75462	1
cg02776514	0.00990077	1.36385	1.36385	6.41E-05	2.01353	2.01353	0.0011564	1.57551	1.57551	0.348791	0.91224	-1.0962	14.3661	2.06321	0.127659	1
cg13659360	0.659096	0.895583	-1.11659	0.0480745	1.75285	1.75285	0.0023351	0.347997	-2.87359	0.435662	0.820735	-1.21842	13.7996	13.4851	0.868631	1
cg13751188	0.79596	0.941502	-1.06213	0.757341	0.930443	-1.07476	0.0143	0.495245	-2.0192	0.139304	0.690653	-1.44791	9.93816	8.51718	0.761793	1
cg24327383	0.847423	1.03437	1.03437	0.0284709	1.574	1.574	0.192127	0.784871	-1.2741	0.155783	0.766095	-1.30532	9.31435	4.54104	0.433362	1
cg13892828	0.803167	1.08338	1.08338	0.00717809	0.32858	-3.0434	0.430311	0.772487	-1.29452	0.00425432	0.293255	-3.41	8.04895	13.1081	1.4476	1
cg26270027	0.120281	0.483166	-2.06968	0.0836147	2.28532	2.28532	0.200247	1.79321	1.79321	0.457074	0.721158	-1.38666	6.96624	20.5552	2.62284	1
cg15737168	0.0820241	0.679094	-1.47255	0.106656	1.42448	1.42448	0.241436	1.27925	1.27925	0.87276	0.968322	-1.03271	6.87297	4.39085	0.567873	1
cg02064831	0.256965	0.83195	-1.202	0.000307793	2.48691	2.48691	0.700054	1.06205	1.06205	0.960907	1.00765	1.00765	6.24601	2.39218	0.340439	1
cg13085038	0.871758	1.02436	1.02436	0.280933	1.18172	1.18172	0.602289	1.08148	1.08148	0.0277234	0.678627	-1.47356	5.72456	2.01252	0.312497	1
cg01810719	0.026283	0.631922	-1.58247	0.00342305	1.9989	1.9989	0.329367	1.19162	1.19162	0.66737	0.927468	-1.0782	5.03647	2.41935	0.426992	1
cg19102713	0.000722018	0.58027	-1.72334	0.0639906	1.2464	1.2464	0.535268	1.06869	1.06869	0.676229	1.04544	1.04544	4.89426	0.867748	0.157599	1
cg05414783	0.938303	0.985417	-1.0148	0.891938	1.02613	1.02613	0.882085	1.02857	1.02857	0.963401	1.00875	1.00875	4.21818	2.40596	0.507004	1
cg14252059	0.234561	0.622102	-1.60745	0.921844	0.963307	-1.03809	0.26044	0.639455	-1.56383	0.0366774	0.39663	-2.52124	4.09357	9.40818	2.04292	1
cg02140425	0.279075	0.833755	-1.19939	0.0791638	1.37011	1.37011	0.240783	0.820038	-1.21946	0.0754948	1.37669	1.37669	3.73407	1.54364	0.36746	1
cg16796135	0.0853281	0.578915	-1.72737	0.0596967	1.8416	1.8416	0.345867	0.756564	-1.32176	0.787377	0.925254	-1.08078	3.67884	4.81136	1.16253	1
cg11514462	0.0601128	0.610676	-1.63753	0.654983	1.11027	1.11027	0.710928	0.917066	-1.09043	0.071527	0.626242	-1.59683	3.56118	3.05057	0.761437	1
cg04135144	0.02533	1.22637	1.22637	0.00204754	1.39584	1.39584	0.131528	0.882537	-1.1331	0.0148497	0.794534	-1.2586	12.4155	1.15834	0.0829317	1
cg23915792	0.0083406	1.59322	1.59322	0.953592	0.991992	-1.00807	0.686796	0.945539	-1.0576	0.0738403	1.3169	1.3169	8.59956	2.59955	0.268701	1
cg26297819	0.00790479	0.583539	-1.71368	0.133493	0.774217	-1.29163	0.205581	1.23508	1.23508	0.628873	0.925888	-1.08004	6.19693	2.45353	0.351934	1
cg10169194	0.558241	1.1838	1.1838	0.00220562	0.294407	-3.39666	0.622326	0.86807	-1.15198	0.512641	1.20832	1.20832	3.97707	5.1153	1.14329	1
cg05940240	0.256825	0.560603	-1.78379	0.0096747	0.201713	-4.95754	0.0195735	0.251707	-3.97287	0.0798539	0.386564	-2.5869	3.57985	13.5579	3.36648	1
cg16745549	0.214466	0.898063	-1.11351	0.000490129	1.56719	1.56719	0.000387289	1.59303	1.59303	0.118005	0.869671	-1.14986	13.2212	1.41717	0.0952792	1
cg12957096	0.314401	0.874098	-1.14404	6.16E-06	0.27024	-3.70041	0.36019	0.885439	-1.12938	0.779462	0.964342	-1.03698	12.4692	3.30371	0.235511	1
cg01066936	0.0533954	0.573902	-1.74246	0.00714462	0.415142	-2.40882	0.0056496	2.50687	2.50687	0.139372	1.49566	1.49566	11.8601	12.0296	0.901596	1
cg26681399	0.407528	0.951509	-1.05096	0.418276	1.04972	1.04972	0.0509166	0.877684	-1.13936	0.0832611	1.11907	1.11907	5.97587	0.325777	0.0484581	1
cg13228442	0.596077	0.938428	-1.06561	0.00953679	0.677037	-1.47702	0.0890445	0.800285	-1.24956	0.0293454	1.35649	1.35649	5.7217	1.27887	0.198677	1
cg22626522	0.963659	0.99256	-1.0075	0.024155	0.643606	-1.55375	0.774308	1.04825	1.04825	0.277207	1.2035	1.2035	5.48939	2.3358	0.378233	1
cg03697629	0.000884787	0.243255	-4.1109	0.844391	1.05734	1.05734	0.3381	1.32338	1.32338	0.170429	0.660848	-1.51321	4.91374	6.26536	1.1334	1
cg20107201	0.222536	0.735015	-1.36052	0.0174466	2.00374	2.00374	0.509531	0.851559	-1.17432	0.0909961	1.56382	1.56382	4.20542	3.84172	0.812013	1
cg09258082	0.317755	1.15512	1.15512	0.536531	1.09132	1.09132	0.458861	1.11106	1.11106	0.449797	0.898046	-1.11353	3.5179	1.08632	0.274488	1
cg13974798	0.205059	1.17608	1.17608	0.245735	1.15866	1.15866	0.181823	0.842053	-1.18757	0.201079	0.848924	-1.17796	10.1392	2.36277	0.207142	1
cg01284193	0.35665	0.782293	-1.27829	0.000567319	3.98667	3.98667	0.0430005	0.547122	-1.82775	0.157615	1.47894	1.47894	8.99637	9.5562	0.944203	1
cg05094548	0.000641637	0.466042	-2.14573	0.0012264	0.502055	-1.99181	0.00110815	0.496385	-2.01456	0.747568	1.04818	1.04818	8.87076	2.98322	0.298932	1
cg20663042	0.0102212	2.13981	2.13981	0.0401969	1.74535	1.74535	0.876515	1.03721	1.03721	0.0116037	0.476474	-2.09875	6.85279	5.99077	0.777075	1
cg07989568	0.311783	0.91709	-1.09041	0.00236231	0.704132	-1.42019	0.022504	0.79768	-1.25364	0.885416	0.988144	-1.012	5.80226	0.628674	0.0963109	1
cg15615160	0.0381	0.737507	-1.35592	0.00417934	0.615021	-1.62596	0.038442	1.35497	1.35497	0.44772	1.10297	1.10297	4.968	1.26229	0.225853	1
cg15727185	0.140725	0.822952	-1.21514	0.0932996	0.796908	-1.25485	0.0446189	0.753105	-1.32784	0.242558	0.860365	-1.1623	3.90902	0.93625	0.212898	1
cg02575937	0.107591	0.749809	-1.33367	6.79E-05	0.302617	-3.30451	0.0246188	0.644773	-1.55093	0.0170214	0.620598	-1.61135	16.67	7.09797	0.378484	1
cg27506609	0.272944	0.788451	-1.26831	0.0639807	0.648121	-1.54292	0.0254058	0.574968	-1.73923	0.000288386	0.291619	-3.42913	12.274	8.43553	0.610905	1
cg03260744	0.329479	0.857185	-1.16661	0.0173417	0.641651	-1.55848	0.51252	0.903294	-1.10706	0.202743	0.813908	-1.22864	8.36312	3.1056	0.330083	1
cg22789254	0.0597727	0.53585	-1.8662	0.103911	0.593179	-1.68583	0.0116517	0.396129	-2.52443	0.151485	0.636739	-1.5705	6.91269	9.44487	1.2145	1
cg19252108	0.633135	0.876425	-1.141	0.903658	1.03377	1.03377	0.534051	0.841352	-1.18856	0.020008	0.463024	-2.15971	7.72961	9.21062	1.0592	1
cg05813330	0.00205944	0.496113	-2.01567	0.211485	1.23684	1.23684	0.781284	0.956051	-1.04597	0.287028	0.836511	-1.19544	6.38123	2.63523	0.367081	1
cg24813212	0.999736	0.999962	-1.00004	0.564746	0.934823	-1.06972	0.0450948	0.766279	-1.30501	0.558625	0.933808	-1.07088	3.80628	0.808153	0.18873	1
cg02019487	0.00422977	0.52956	-1.88836	0.371802	0.858799	-1.16442	0.0766837	0.721189	-1.3866	0.00793351	0.568285	-1.75968	7.50347	3.27481	0.387947	1
cg22264930	0.378284	1.56367	1.56367	0.00196429	0.114884	-8.70447	0.0152212	4.36719	4.36719	0.202021	0.513664	-1.9468	6.57093	25.4509	3.4429	1
cg21375928	0.195203	0.731416	-1.36721	0.000202293	0.240983	-4.14966	0.354292	0.804482	-1.24304	0.828679	0.95173	-1.05072	5.05568	4.17299	0.733695	1
cg22718140	0.156377	0.796815	-1.255	0.00180865	0.51448	-1.94371	0.00828423	0.603077	-1.65816	0.984828	1.00285	1.00285	5.01351	1.78196	0.315939	1
cg25023058	0.013496	0.23109	-4.32733	0.944263	1.0329	1.0329	0.106643	0.437473	-2.28586	0.827933	0.904123	-1.10604	4.244	14.1007	2.58416	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05817514	TEKT3	0.0471292	0.396762	0.72519	-1.37895	0.0194363	2.84688	2.84688	0.698914	0.865958	-1.15479	0.125156	0.540847	-1.84895	0.345455	0.697819	-1.43304	0.150284	0.564967	-1.77001	0.0222508	0.36254	-2.75832	0.140369	1.79919	1.79919	0.10863	0.523091	-1.91171	3.46483	7.52409	1.93028	1
cg05852568	TEKT4	0.00232136	0.0113302	3.89599	3.89599	0.916152	0.955838	-1.0462	0.911526	1.04883	1.04883	0.275517	0.614755	-1.62666	0.405397	0.694132	-1.44065	0.015479	0.279755	-3.57456	0.0037824	0.18718	-5.34244	0.000863158	8.54344	8.54344	0.0118823	0.260089	-3.84483	9.23094	26.8919	2.58954	1
cg06117243	TEKT4	0.00309869	0.749417	0.952881	-1.04945	0.00533476	0.575321	-1.73816	0.597257	0.922833	-1.08362	0.845472	0.971039	-1.02983	0.000110774	0.359044	-2.78517	0.0252907	0.669933	-1.49269	0.0501344	1.39987	1.39987	0.807985	1.03735	1.03735	0.237705	0.830031	-1.20477	8.47623	3.04529	0.319355	1
cg20300592	TEKT4	0.00500168	0.276491	0.868629	-1.15124	0.00335619	0.60863	-1.64304	0.777663	0.96539	-1.03585	0.382665	0.894587	-1.11783	0.0281263	0.724232	-1.38077	0.518733	0.921828	-1.0848	0.00296369	0.602012	-1.6611	0.00498075	1.58807	1.58807	0.0129158	0.68113	-1.46815	7.33784	1.79917	0.217948	1
cg13506547	TEKT4	0.00610159	0.0135834	0.461655	-2.16612	0.023304	0.503502	-1.98609	0.414605	1.235	1.235	0.298382	0.761224	-1.31367	0.000577896	0.259822	-3.84879	0.0194965	0.489369	-2.04345	0.655153	1.1205	1.1205	0.0501825	1.75969	1.75969	0.854411	0.954573	-1.04759	6.90327	7.00412	0.901875	1
cg15587745	TEKT4	0.00812724	0.303356	0.857886	-1.16566	0.00270256	0.551078	-1.81462	0.138908	0.795303	-1.25738	0.793282	0.962943	-1.03848	0.000866122	0.487354	-2.0519	0.0290262	0.690729	-1.44774	0.00337995	0.563786	-1.77372	0.596648	0.926081	-1.07982	0.060599	0.737722	-1.35552	6.31271	2.06688	0.291036	1
cg03315696	TEKT4	0.0103696	0.256963	0.875767	-1.14186	0.0239847	0.739386	-1.35247	0.0210844	0.732692	-1.36483	0.36726	0.901363	-1.10943	0.000376304	0.528678	-1.89151	0.548197	0.934142	-1.0705	0.00626169	0.67072	-1.49094	0.248701	0.873547	-1.14476	0.0676242	0.794885	-1.25804	5.84231	1.16323	0.176981	1
cg23061114	TEKT4	0.0154175	0.939017	0.961576	-1.03996	0.431326	0.662798	-1.50875	0.841318	0.902443	-1.1081	0.365765	1.60938	1.60938	0.027103	0.261913	-3.81806	0.0303741	0.271641	-3.68133	0.00473102	0.146379	-6.83156	0.0140322	4.72615	4.72615	0.0572065	0.332302	-3.00931	5.13382	21.3212	3.69163	1
cg05723825	TEKT4	0.0173066	0.165466	0.719203	-1.39043	0.0109591	0.49098	-2.03674	0.351078	0.807472	-1.23843	0.175872	0.725653	-1.37807	0.266321	0.772541	-1.29443	0.251343	0.765643	-1.30609	0.000836512	0.326277	-3.06488	0.2276	1.32607	1.32607	0.0328157	0.573303	-1.74428	4.93984	3.88428	0.69895	1
cg00443111	TEKT4	0.0194357	0.130669	0.454628	-2.1996	0.00589088	0.175484	-5.69851	0.0323947	0.298282	-3.35254	0.23329	0.546868	-1.82859	0.0273394	0.283402	-3.52855	0.0404499	0.318867	-3.13611	0.00141003	0.10727	-9.32228	0.12103	0.44399	-2.2523	0.121368	0.444372	-2.25037	4.75047	17.5479	3.28349	1
cg03573984	TEKT4	0.0226336	0.00723725	0.240126	-4.16447	0.00922154	0.25649	-3.89879	0.155358	0.534768	-1.86997	0.168704	0.546757	-1.82896	0.0119936	0.275215	-3.63352	0.0530082	0.404468	-2.47238	0.0104021	0.264942	-3.77441	0.0247203	0.332609	-3.00654	0.06775	0.430687	-2.32187	4.50973	12.1046	2.38587	1
cg15371418	TEKT4	0.0295625	0.974845	0.986477	-1.01371	0.00258816	0.164818	-6.06729	0.120309	0.48306	-2.07014	0.754928	0.873533	-1.14478	0.00629811	0.215136	-4.64822	0.16392	0.52655	-1.89915	0.0495807	0.380084	-2.631	0.111154	0.47267	-2.11564	0.0523094	0.385583	-2.59347	4.10819	12.1315	2.62488	1
cg06282964	TEKT4;TEKT4	0.00632975	0.940972	0.963505	-1.03788	0.0015252	0.101175	-9.88385	0.695038	0.820542	-1.21871	0.0614969	0.347323	-2.87916	0.00660069	0.170241	-5.87402	0.0175736	0.234457	-4.26517	0.058702	0.342318	-2.92126	0.120059	2.33171	2.33171	0.00306668	0.13063	-7.6552	6.8253	27.2432	3.548	1
cg03933676	TEKT5	0.000207529	0.0145702	0.591242	-1.69135	6.34E-05	3.61712	3.61712	0.000728787	0.407726	-2.45263	0.747469	1.05805	1.05805	0.00380417	0.505746	-1.97728	0.0066494	0.540562	-1.84993	0.000981589	0.424869	-2.35367	0.47727	0.881426	-1.13453	0.00626366	0.53679	-1.86293	18.188	8.78778	0.42948	1
cg05045584	TEKT5	0.00117832	0.118749	0.709453	-1.40954	0.000363612	0.314025	-3.18446	0.00479934	0.468296	-2.1354	0.81815	1.04779	1.04779	0.000176605	0.275585	-3.62864	0.721958	0.930133	-1.07512	0.00771604	0.499664	-2.00135	0.208759	0.764447	-1.30814	0.00114902	0.379592	-2.63441	11.2301	7.30824	0.578466	1
cg03146733	TEKT5	0.00119283	0.134089	0.700259	-1.42804	0.150481	1.40478	1.40478	0.0133554	0.508714	-1.96574	0.516957	0.865107	-1.15593	0.000188292	0.249281	-4.01153	0.557579	1.13974	1.13974	0.582982	0.884899	-1.13007	0.000109612	0.222664	-4.49107	0.136728	0.702198	-1.4241	11.1909	8.62009	0.68469	1
cg00934661	TEKT5	0.0020865	0.344142	0.794056	-1.25936	0.00810155	2.23074	2.23074	0.392434	0.812751	-1.23039	0.0630028	0.609617	-1.64037	0.000161579	0.217794	-4.59149	0.200326	1.37729	1.37729	0.342244	0.793291	-1.26057	0.00405922	0.401333	-2.4917	0.378812	1.23821	1.23821	9.52358	8.44656	0.788365	1
cg10218733	TEKT5	0.00517123	0.0633932	0.526763	-1.89839	0.0212591	2.34006	2.34006	0.0185436	0.416153	-2.40296	0.258657	0.696365	-1.43603	0.000444558	0.182317	-5.48496	0.118028	0.593836	-1.68397	0.0881987	0.561198	-1.7819	0.00894884	0.36026	-2.77577	0.630524	0.861733	-1.16045	7.26347	10.8459	1.3273	1
cg23514672	TEKT5	0.00665223	0.0461094	0.664021	-1.50598	0.037626	0.649162	-1.54045	0.568463	0.901882	-1.10879	0.100005	0.724047	-1.38113	0.0373958	0.648718	-1.5415	0.821405	0.960302	-1.04134	0.00149132	2.27184	2.27184	0.00556533	0.520766	-1.92025	0.637281	1.08881	1.08881	6.72088	3.41661	0.451873	1
cg01122415	TEKT5	0.00875352	0.228659	0.691435	-1.44627	0.000572771	0.210705	-4.74598	0.0123497	0.402607	-2.48381	0.0244857	0.457177	-2.18734	0.0367368	0.492289	-2.03133	0.179319	0.659291	-1.51678	0.0100551	0.387219	-2.58252	0.0119344	0.400016	-2.4999	0.0231059	0.452337	-2.21074	6.16642	8.33024	1.2008	1
cg18609562	TEKT5	0.0190621	0.363333	0.752165	-1.3295	0.00952499	0.367467	-2.72134	0.00279565	0.284784	-3.51144	0.357863	0.749578	-1.33408	0.367533	0.754138	-1.32602	0.991037	1.00343	1.00343	0.0617282	1.89923	1.89923	0.0168244	0.410967	-2.43329	0.849468	0.943722	-1.05963	4.78179	7.03809	1.30832	1
cg27160920	TEKT5	0.0361289	0.28688	0.779856	-1.28229	0.139045	0.699068	-1.43048	0.00403186	0.419588	-2.38329	0.0297836	0.562714	-1.7771	0.00604282	0.446503	-2.23963	0.754159	1.07319	1.07319	0.437596	0.836912	-1.19487	0.382563	0.817637	-1.22304	0.0820235	0.648408	-1.54224	3.82287	3.06075	0.711683	1
cg03793551	TEKT5	0.0496824	0.0256341	0.330153	-3.0289	0.0391429	0.368682	-2.71236	0.104618	0.476416	-2.09901	0.116637	0.490357	-2.03933	0.0158849	0.290947	-3.43706	0.112138	0.485258	-2.06076	0.0232748	0.321894	-3.10662	0.0152432	0.287762	-3.4751	0.172803	0.545288	-1.83389	3.39634	9.39865	2.45981	1
cg01573635	TEKT5;TEKT5	2.21E-06	3.24E-06	0.200615	-4.98467	1.12E-05	0.256169	-3.90367	3.71E-05	0.314618	-3.17846	0.000201396	0.402739	-2.483	1.07E-07	0.0821724	-12.1695	0.00127588	0.504061	-1.98389	0.22419	0.83013	-1.20463	1.81E-05	0.279142	-3.5824	7.02E-05	0.347137	-2.88071	59.8975	20.1678	0.299294	1
cg08465526	TELO2	0.000152982	0.913468	0.991803	-1.00826	8.23E-06	2.08948	2.08948	0.0175702	0.803502	-1.24455	0.77349	1.02209	1.02209	0.000528367	1.50497	1.50497	0.000234222	1.58712	1.58712	0.0908179	1.15149	1.15149	0.0119863	1.26786	1.26786	0.163064	1.11933	1.11933	19.7518	1.79341	0.0807086	1
cg07742843	TELO2	0.000256132	0.254928	0.708535	-1.41136	0.177241	0.659874	-1.51544	0.348575	1.32278	1.32278	0.340001	0.751974	-1.32983	0.0034532	0.316318	-3.16137	0.00156028	0.267709	-3.7354	3.79E-06	0.0438075	-22.8271	0.395688	0.777135	-1.28678	0.0169596	0.429952	-2.32584	17.1761	22.8578	1.18292	1
cg06135574	TELO2	0.000516722	0.00354663	2.21425	2.21425	0.0817245	0.678391	-1.47408	0.0549751	0.64551	-1.54916	0.097955	0.694095	-1.44072	6.20E-05	0.226464	-4.41571	0.256205	0.787897	-1.2692	0.0530313	0.642614	-1.55614	0.00478481	0.470852	-2.12381	0.000349003	0.314605	-3.17859	14.1606	9.07355	0.569563	1
cg07814974	TELO2	0.00265461	0.00789183	0.538326	-1.85761	0.00122744	0.423506	-2.36124	0.00267379	0.470235	-2.1266	0.153093	0.757269	-1.32053	0.0252091	0.616504	-1.62205	0.0275595	0.622792	-1.60567	0.000810278	0.399299	-2.50439	0.00103718	0.413629	-2.41762	0.320304	0.829761	-1.20517	8.8737	4.64119	0.464913	1
cg03500993	TELO2	0.00335228	0.000965133	2.25497	2.25497	0.830638	0.965178	-1.03608	0.00900983	1.73231	1.73231	0.957348	1.00889	1.00889	0.00996014	1.71358	1.71358	0.00565578	1.82361	1.82361	0.00747674	1.768	1.768	0.290203	0.833898	-1.19919	0.0738663	0.719152	-1.39053	8.27985	3.59074	0.385486	1
cg06465151	TELO2	0.00405641	0.327905	0.76335	-1.31002	0.321134	0.76026	-1.31534	0.332916	1.30614	1.30614	0.0691315	0.580542	-1.72253	0.00563795	0.378532	-2.64178	0.00110632	0.276484	-3.61684	0.00162933	0.299087	-3.3435	0.0638207	1.7456	1.7456	0.39541	1.26205	1.26205	7.8194	8.85489	1.0066	1
cg05441541	TELO2	0.00870161	0.00216691	0.600769	-1.66453	0.491856	1.08617	1.08617	0.119744	0.818846	-1.22123	0.763353	0.964881	-1.0364	0.371936	1.11464	1.11464	0.577529	1.06889	1.06889	0.00140256	1.72937	1.72937	0.126557	1.21613	1.21613	0.735804	1.04091	1.04091	6.17804	1.37156	0.197338	1
cg05304393	TELO2	0.0103849	0.876005	1.09338	1.09338	0.100118	2.8012	2.8012	0.209786	0.469675	-2.12913	0.391678	0.605464	-1.65163	0.000235022	0.0306155	-32.6632	0.457176	0.648622	-1.54173	0.0306435	0.234111	-4.27149	0.7815	0.853021	-1.1723	0.341772	0.571178	-1.75077	5.83954	30.2324	4.60194	1
cg06674793	TELO2	0.0159341	0.393585	1.25377	1.25377	0.228968	0.721291	-1.3864	0.577797	0.864582	-1.15663	0.431773	1.23077	1.23077	0.194188	1.42682	1.42682	0.281702	1.33578	1.33578	0.381708	0.79281	-1.26134	0.198649	1.42124	1.42124	0.000328915	4.48676	4.48676	5.07796	5.3859	0.942793	1
cg03330867	TELO2	0.0163368	0.714127	1.03205	1.03205	0.00691568	1.3495	1.3495	0.0282738	1.24865	1.24865	0.407752	1.07531	1.07531	0.0450354	1.218	1.218	0.875381	0.986633	-1.01355	0.0058362	0.733808	-1.36275	0.320247	0.915702	-1.09206	0.327342	1.09057	1.09057	5.03595	0.586401	0.103505	1
cg12235146	TELO2	0.0167546	0.145272	0.714001	-1.40056	0.0125125	1.95259	1.95259	0.716313	1.08178	1.08178	0.73733	0.930063	-1.0752	0.00189564	0.387479	-2.58079	0.868586	0.964961	-1.03631	0.0364984	1.68798	1.68798	0.618729	1.11412	1.11412	0.752041	0.934007	-1.07066	4.99369	3.66923	0.653132	1
cg08784771	TELO2	0.0199473	0.484352	0.859801	-1.16306	0.777603	0.941588	-1.06204	0.806776	1.05347	1.05347	0.665674	1.09681	1.09681	0.0110684	0.508033	-1.96838	0.00107361	0.358133	-2.79226	0.999122	0.999766	-1.00023	0.711689	0.924127	-1.0821	0.01488	0.52905	-1.89018	4.70878	3.36929	0.63603	1
cg08744097	TELO2	0.0208974	0.156968	0.771097	-1.29685	0.186177	1.27212	1.27212	0.962682	1.00807	1.00807	0.344236	0.845941	-1.18211	0.683206	1.073	1.073	0.0307839	0.64687	-1.54591	0.00141986	2.20977	2.20977	0.188718	0.787308	-1.27015	0.650795	0.924731	-1.0814	4.63477	2.16462	0.415147	1
cg07065488	TELO2	0.0292257	0.204731	0.7621	-1.31216	0.0235018	1.73206	1.73206	0.145005	1.37405	1.37405	0.363756	0.827379	-1.20864	0.0317142	0.599757	-1.66734	0.319256	1.23241	1.23241	0.0395757	1.62133	1.62133	0.295321	0.802251	-1.24649	0.0553188	0.64338	-1.55429	4.1249	2.69271	0.580262	1
cg03424469	TELO2	0.0324193	0.152644	0.764911	-1.30734	0.548826	0.899311	-1.11196	0.0666355	0.697829	-1.43302	0.951749	0.989469	-1.01064	0.236045	0.804748	-1.24263	0.389574	1.16678	1.16678	0.00188594	2.16131	2.16131	0.237948	1.24143	1.24143	0.782074	0.952647	-1.04971	3.9753	1.92691	0.430864	1
cg04402122	TELO2	0.0459557	0.0601143	0.292437	-3.41955	0.224842	0.477518	-2.09416	0.627611	1.32766	1.32766	0.441256	0.634263	-1.57663	0.017607	0.187408	-5.33596	0.0354736	0.241834	-4.13507	0.00523638	0.118194	-8.46066	0.0549036	0.283038	-3.53309	0.29967	0.536238	-1.86484	3.49785	18.6222	4.73234	1
cg25735482	TENC1	0.00638396	0.00368399	0.29322	-3.41041	0.362913	0.746584	-1.33943	0.747811	1.10608	1.10608	0.883457	1.04691	1.04691	0.000551062	0.187041	-5.34643	0.933992	0.974443	-1.02623	0.0162869	2.50457	2.50457	0.642285	0.863986	-1.15743	0.175932	0.6378	-1.56789	6.80729	10.5308	1.37509	1
cg06311778	TENC1;TENC1	0.00684925	0.16695	0.716563	-1.39555	0.00962202	2.09873	2.09873	0.0194414	1.89472	1.89472	0.498782	1.16803	1.16803	0.825289	1.05128	1.05128	0.2486	1.31364	1.31364	0.000618617	0.303651	-3.29326	0.787819	0.940804	-1.06292	0.750094	1.07496	1.07496	6.66014	5.39707	0.720315	1
cg00776080	TENC1;TENC1	0.0442883	0.618904	1.17851	1.17851	0.312353	0.710109	-1.40823	0.0174875	2.57914	2.57914	0.457692	1.28111	1.28111	0.678758	0.872474	-1.14617	0.253304	0.676508	-1.47818	0.0143011	0.371762	-2.68989	0.0494721	0.479846	-2.084	0.267013	1.46052	1.46052	3.54661	6.02706	1.51057	1
cg00790741	TENC1;TENC1;TENC1	0.00234606	0.988501	0.997294	-1.00271	0.0468374	0.651923	-1.53392	0.218431	1.27554	1.27554	0.00648205	1.94516	1.94516	0.0870933	1.42646	1.42646	0.00192834	0.438159	-2.28228	0.00626059	1.95371	1.95371	0.504511	1.13579	1.13579	0.00422344	0.486675	-2.05476	9.20232	5.15141	0.497596	1
cg17094065	TENC1;TENC1;TENC1	0.0142314	0.460665	0.826843	-1.20942	0.091872	1.59964	1.59964	0.00643055	2.45285	2.45285	0.7534	1.08305	1.08305	0.238323	0.731494	-1.36707	0.94202	0.981755	-1.01858	0.09555	0.629061	-1.58967	0.00149827	3.18548	3.18548	0.59799	1.1442	1.1442	5.27139	5.35026	0.902189	1
cg07100798	TEP1	0.00114337	0.868766	0.957301	-1.0446	0.143051	0.660106	-1.51491	0.21108	0.7063	-1.41583	0.50713	0.837282	-1.19434	0.000496036	0.237273	-4.21455	0.194695	0.696275	-1.43621	5.43E-05	0.137415	-7.27722	0.770808	0.92581	-1.08014	0.00111313	0.281535	-3.55196	11.3269	12.4928	0.980386	1
cg02180368	TEP1	0.00142146	0.00122183	0.246903	-4.05017	0.758432	1.09548	1.09548	0.498379	1.22531	1.22531	0.908255	0.966494	-1.03467	0.000110872	0.133951	-7.46544	0.0258456	0.45738	-2.18637	0.00530406	0.337476	-2.96317	0.481721	1.23541	1.23541	0.00646499	0.351077	-2.84838	10.6429	14.7316	1.23037	1
cg16920242	TEP1	0.00976122	0.0744004	0.835479	-1.19692	0.198609	1.13071	1.13071	0.202783	1.12928	1.12928	0.195639	0.883598	-1.13174	0.402142	1.08062	1.08062	0.213371	1.12579	1.12579	0.000325443	0.591342	-1.69107	0.537432	0.945099	-1.05809	0.582901	1.05143	1.05143	5.95644	0.771357	0.115111	1
cg11074315	TEP1	0.0175662	0.371964	1.46579	1.46579	0.755927	1.13891	1.13891	0.607667	1.24114	1.24114	0.0146841	0.285621	-3.50114	0.00216139	0.165937	-6.02638	0.385894	1.44892	1.44892	0.223682	1.70455	1.70455	0.376131	1.46067	1.46067	0.0272193	0.336118	-2.97515	4.91524	13.5473	2.44993	1
cg23588086	TEP1	0.0327849	0.106837	0.373687	-2.67604	0.430884	1.56754	1.56754	0.00517608	0.126984	-7.87503	0.839741	1.11987	1.11987	0.149638	0.421591	-2.37197	0.714898	0.81455	-1.22767	0.254655	1.94449	1.94449	0.00671148	0.140063	-7.13966	0.660754	1.28008	1.28008	3.95934	19.6027	4.40089	1
cg23157637	TEP1	0.0332892	0.324284	0.890965	-1.12238	0.402766	0.907454	-1.10198	0.0478571	0.773699	-1.29249	0.0100501	0.691791	-1.44552	0.19314	0.855398	-1.16905	0.0368521	1.31651	1.31651	0.0423291	1.30371	1.30371	0.792112	0.970486	-1.03041	0.772447	1.03343	1.03343	3.93768	0.802174	0.181082	1
cg19917334	TEP1;TEP1	0.0262373	0.4734	0.872706	-1.14586	0.00414671	2.04953	2.04953	0.264934	1.24227	1.24227	0.785391	0.950312	-1.05229	0.567578	1.11392	1.11392	0.81346	1.04513	1.04513	0.00617933	0.513346	-1.948	0.225636	0.788519	-1.2682	0.294454	0.816249	-1.22512	4.28445	2.3658	0.49083	1
cg05869503	TEPP;TEPP	0.000352363	0.678818	0.947067	-1.05589	3.00E-05	13.0788	13.0788	0.00184021	2.44662	2.44662	0.352314	1.13689	1.13689	?	?	?	?	?	?	0.0216792	1.56188	1.56188	0.000490848	3.53732	3.53732	0.000452639	3.63285	3.63285	84.3766	15.2479	0.103264	1
cg04370442	TEPP;TEPP	0.00616735	0.0180164	6.5555	6.5555	0.0561886	4.11698	4.11698	0.00697009	9.81584	9.81584	0.18368	2.51679	2.51679	0.151858	0.366189	-2.73083	0.181345	0.395135	-2.53078	0.00817318	9.15959	9.15959	0.00544926	10.9396	10.9396	0.00536936	11.0116	11.0116	6.88043	46.66	6.02805	1
cg00491255	TEPP;TEPP	0.0161032	0.0163699	7.09082	7.09082	0.39188	1.79599	1.79599	0.0288529	5.58622	5.58622	0.112909	3.16387	3.16387	0.0488119	0.222701	-4.49033	0.624012	0.719082	-1.39066	0.00821915	9.5532	9.5532	0.141387	2.87397	2.87397	0.0101787	8.69877	8.69877	5.06015	35.7101	6.27299	1
cg01479664	TEPP;TEPP	0.0400347	0.991069	1.00486	1.00486	0.102074	0.460875	-2.16979	0.0178668	0.287586	-3.47723	0.616179	0.803489	-1.24457	0.00943753	0.240686	-4.1548	0.842361	1.09002	1.09002	0.0123745	0.259761	-3.84969	0.0421171	0.362879	-2.75574	0.720307	1.16841	1.16841	3.68196	10.9283	2.63829	1
cg01389761	TERC	0.00437618	0.00861186	0.711584	-1.40532	0.0416054	1.26947	1.26947	0.0300143	1.29595	1.29595	0.311224	1.11228	1.11228	0.00185612	1.56618	1.56618	0.730429	0.965481	-1.03575	0.0705874	0.814461	-1.22781	0.0434488	0.78989	-1.266	0.0359886	1.28114	1.28114	7.64209	1.24852	0.145222	1
cg17527574	TERC	0.0163254	0.3116	1.53115	1.53115	0.552299	0.782953	-1.27722	0.536495	0.775129	-1.29011	0.244299	1.64166	1.64166	0.187976	0.566782	-1.76435	0.996148	0.998037	-1.00197	0.000342364	0.0957015	-10.4492	0.119866	0.503228	-1.98717	0.242903	0.608162	-1.6443	5.03711	13.2123	2.33154	1
cg01671059	TERF1;TERF1	0.00211776	0.0548974	0.731494	-1.36707	0.183591	1.22461	1.22461	0.00389571	1.74749	1.74749	0.689479	0.943949	-1.05938	0.919518	0.98559	-1.01462	0.322038	0.863359	-1.15827	0.000132992	0.38618	-2.58947	0.0151857	0.6516	-1.53469	0.877663	0.97812	-1.02237	9.48232	3.0977	0.290383	1
cg03906073	TERF1;TERF1	0.00417773	0.00342907	0.625574	-1.59853	0.477365	0.91829	-1.08898	0.517048	0.92542	-1.08059	0.0013143	0.575971	-1.7362	0.000493536	0.525352	-1.90349	0.92344	0.988723	-1.01141	0.288557	1.13882	1.13882	0.654769	1.05454	1.05454	0.115259	0.817059	-1.2239	7.75015	1.70881	0.195989	1
cg07473001	TERF1;TERF1	0.0111404	0.599132	1.07074	1.07074	0.02066	1.43204	1.43204	0.0112342	0.664116	-1.50576	0.646997	1.06121	1.06121	0.600902	1.07038	1.07038	0.0989656	0.792084	-1.26249	0.00279909	0.588139	-1.70028	0.322286	1.14082	1.14082	0.0818594	1.28204	1.28204	5.70913	1.50131	0.233748	1
cg02571201	TERF1;TERF1	0.0141237	0.0920749	0.519418	-1.92523	0.234475	0.643883	-1.55308	0.0144314	0.344719	-2.90092	0.512348	0.790783	-1.26457	0.0172645	0.358932	-2.78604	0.0918854	0.519181	-1.92611	0.000547776	0.150083	-6.663	0.0210229	0.375098	-2.66597	0.170557	0.597183	-1.67453	5.28458	10.4439	1.75671	1
cg24350612	TERF1;TERF1	0.0299376	0.0166192	0.188435	-5.30688	0.130688	2.34528	2.34528	0.0449782	3.50582	3.50582	0.314294	1.69502	1.69502	0.0433319	0.281084	-3.55766	0.486906	0.701858	-1.42479	0.0731966	0.343941	-2.90748	?	?	?	0.0635803	3.06676	3.06676	6.20103	19.7084	1.98641	1
cg03970351	TERF2	0.00581982	0.772922	0.964365	-1.03695	0.0367974	1.35553	1.35553	0.00131623	1.79726	1.79726	0.0830619	0.786104	-1.2721	0.0676595	1.29269	1.29269	0.813576	0.970808	-1.03007	0.391373	0.895712	-1.11643	0.129106	1.22835	1.22835	0.001228	1.80923	1.80923	7.00472	1.74489	0.221425	1
cg00334257	TERF2	0.00596151	0.00118671	1.66656	1.66656	0.0062054	0.681549	-1.46725	0.10811	0.828324	-1.20726	0.113744	1.20308	1.20308	0.633831	1.05291	1.05291	0.0854671	0.81525	-1.22662	0.242128	1.14058	1.14058	0.679677	0.95637	-1.04562	0.0295897	1.3168	1.3168	6.95296	1.27122	0.162517	1
cg03987890	TERF2	0.00681608	0.0350774	1.80527	1.80527	0.151016	1.44806	1.44806	0.167393	0.701828	-1.42485	0.701951	1.09692	1.09692	0.00698784	0.431999	-2.31482	0.000786281	0.294891	-3.39109	0.731854	0.92058	-1.08627	0.310785	1.28699	1.28699	0.222756	1.36103	1.36103	6.67022	6.11462	0.814849	1
cg06469895	TERF2	0.0337919	0.389559	0.656752	-1.52264	0.216846	0.538143	-1.85824	0.764962	1.1537	1.1537	0.411554	1.4924	1.4924	0.00776288	0.195885	-5.10504	0.0295659	0.294749	-3.39272	0.00682082	0.188004	-5.31904	0.288643	0.591398	-1.69091	0.0389982	0.320016	-3.12484	3.9165	14.1042	3.2011	1
cg01317217	TERF2	0.042041	?	?	?	0.634205	1.1366	1.1366	0.215879	0.706157	-1.41612	0.783422	0.929044	-1.07638	0.105562	1.6037	1.6037	0.322657	1.31376	1.31376	0.0029214	0.33547	-2.98089	0.183352	1.45805	1.45805	0.852206	0.951401	-1.05108	3.67208	3.68875	1.00454	1
cg03669394	TERF2IP	0.0388982	0.0438883	0.297255	-3.36412	0.0772645	0.357398	-2.798	0.732852	0.835713	-1.19658	0.453405	0.670271	-1.49193	0.0412887	0.291407	-3.43162	0.740924	0.840464	-1.18982	0.00505952	0.143482	-6.96952	0.404602	0.63974	-1.56314	0.0059975	0.152416	-6.56099	3.72115	16.1707	3.86277	1
cg03123306	TERF2IP;KARS;KARS	0.0203822	0.561043	1.08062	1.08062	0.183066	1.20485	1.20485	0.0739271	1.30049	1.30049	0.0899435	1.2796	1.2796	0.0314377	0.716852	-1.39499	0.0789358	1.29348	1.29348	0.0306693	0.715394	-1.39783	0.0235684	0.700002	-1.42857	0.187605	1.20227	1.20227	4.67437	1.28817	0.244961	1
cg24131141	TERT;TERT	1.04E-07	0.109861	1.36338	1.36338	0.0807804	0.708648	-1.41114	0.833197	1.03822	1.03822	0.500346	0.885444	-1.12938	1.56E-07	0.054759	-18.2619	0.0278929	0.629953	-1.58742	2.14E-09	0.006706	-149.12	0.083695	0.711451	-1.40558	3.67E-06	0.145594	-6.8684	130.165	65.2085	0.445304	1
cg06817802	TERT;TERT	7.17E-06	0.755328	1.0501	1.0501	0.0183809	1.56423	1.56423	0.114446	0.764526	-1.308	0.0129328	0.617228	-1.62015	3.64E-05	0.28835	-3.468	4.46E-06	0.191814	-5.21337	7.48E-07	0.124099	-8.05811	0.000102252	0.341023	-2.93236	0.28051	1.19176	1.19176	44.2272	17.1313	0.344308	1
cg21956099	TERT;TERT	1.86E-05	0.997546	1.00052	1.00052	7.78E-06	0.189004	-5.2909	0.000764841	0.420621	-2.37744	0.134133	1.31578	1.31578	2.92E-05	0.248407	-4.02564	0.000223003	0.352079	-2.84027	0.827839	0.963677	-1.03769	3.28E-06	0.154409	-6.47632	0.0132281	0.593524	-1.68485	34.5032	15.7703	0.406284	1
cg18302637	TERT;TERT	2.81E-05	1.24E-05	0.311078	-3.21462	0.131472	1.22941	1.22941	0.000101144	0.417319	-2.39625	8.97E-06	0.29512	-3.38845	0.00136915	0.554802	-1.80245	0.000156797	0.440194	-2.27173	0.136411	1.22572	1.22572	0.0376588	0.736511	-1.35775	0.000330129	0.479333	-2.08623	30.9837	7.89485	0.226495	1
cg14958947	TERT;TERT	3.85E-05	0.258821	0.84002	-1.19045	4.64E-05	0.320597	-3.11918	0.000282239	0.415546	-2.40647	0.233078	1.20324	1.20324	0.872996	1.02395	1.02395	0.345747	1.15452	1.15452	1.30E-06	0.159166	-6.28277	0.0219013	0.665689	-1.5022	0.0151052	0.642873	-1.55552	28.5228	9.89118	0.30825	1
cg10158850	TERT;TERT	3.88E-05	0.429696	1.18775	1.18775	0.0120358	1.95123	1.95123	0.00384994	0.435477	-2.29633	0.0869425	1.49704	1.49704	0.683322	0.916179	-1.09149	0.0192232	0.546313	-1.83045	5.99E-07	0.0533371	-18.7487	0.372983	1.21557	1.21557	0.0614548	0.637813	-1.56786	28.4659	20.5396	0.641377	1
cg16168424	TERT;TERT	3.96E-05	2.62E-05	0.20299	-4.92636	0.0001211	0.276106	-3.6218	9.97E-05	0.266251	-3.75586	0.0869044	0.696021	-1.43674	1.29E-05	0.172723	-5.78962	6.15E-05	0.242475	-4.12413	0.29921	0.813652	-1.22903	0.0729023	0.681515	-1.46732	0.000107657	0.270134	-3.70187	28.3111	16.472	0.517176	1
cg22122229	TERT;TERT	4.31E-05	0.341974	0.811061	-1.23295	0.00102583	2.8315	2.8315	0.148627	1.39283	1.39283	0.0602921	1.57328	1.57328	0.000984998	0.350788	-2.85073	0.00392323	0.435965	-2.29376	1.50E-06	0.0737647	-13.5566	0.729553	0.92846	-1.07705	0.408799	1.19804	1.19804	27.6921	20.0622	0.643978	1
cg23498254	TERT;TERT	4.96E-05	0.477768	1.17478	1.17478	0.555953	0.875531	-1.14216	0.00549669	0.442799	-2.25836	0.85235	0.95927	-1.04246	5.69E-06	0.102103	-9.79399	0.286927	0.781311	-1.2799	8.67E-06	0.115675	-8.64489	0.000107069	0.217577	-4.59608	0.013478	0.505271	-1.97913	26.6721	21.0403	0.701201	1
cg24881558	TERT;TERT	8.68E-05	0.0998734	1.31137	1.31137	0.47418	0.896351	-1.11563	0.00417782	0.561586	-1.78067	0.135088	1.27401	1.27401	0.808126	0.964085	-1.03725	0.913572	0.983811	-1.01646	1.19E-06	0.151241	-6.61194	0.749892	0.953057	-1.04926	0.0661179	1.36329	1.36329	22.9922	8.22984	0.31817	1
cg04019076	TERT;TERT	9.59E-05	0.011975	0.496098	-2.01573	0.623862	1.11685	1.11685	0.657177	1.10503	1.10503	0.00184007	0.371908	-2.68884	0.00935613	0.478593	-2.08946	0.00948881	0.479581	-2.08515	4.06E-06	0.091531	-10.9253	4.38E-05	0.176781	-5.65672	0.985347	1.00411	1.00411	22.3881	17.727	0.703828	1
cg05068597	TERT;TERT	9.74E-05	0.00220143	1.72304	1.72304	0.00062032	1.94962	1.94962	0.336996	1.13369	1.13369	0.0412679	0.741985	-1.34774	0.00255869	0.588423	-1.69946	0.00206436	0.576932	-1.73331	2.48E-05	0.345513	-2.89425	0.00526844	0.627288	-1.59416	0.105955	1.25086	1.25086	22.2997	5.67492	0.226208	1
cg22989209	TERT;TERT	9.98E-05	0.0237602	1.49507	1.49507	0.0224889	1.5028	1.5028	0.19009	1.22974	1.22974	0.14848	1.25981	1.25981	0.0107073	0.620023	-1.61284	0.123139	1.28261	1.28261	3.23E-06	0.193498	-5.16801	0.0152181	1.55928	1.55928	0.0271719	0.677301	-1.47645	22.1512	7.79075	0.312629	1
cg26006951	TERT;TERT	0.000104417	0.00013341	3.0428	3.0428	0.0157065	1.6447	1.6447	0.102416	1.35033	1.35033	0.000399965	2.57678	2.57678	0.675842	0.931771	-1.07323	0.00319786	0.508467	-1.9667	0.00019825	0.349724	-2.8594	0.100755	0.739277	-1.35267	0.000825621	2.33134	2.33134	21.886	9.7887	0.397564	1
cg17249224	TERT;TERT	0.000114525	0.306684	0.857931	-1.1656	0.448096	1.11845	1.11845	0.00679571	0.60179	-1.66171	0.15965	1.24306	1.24306	4.10E-05	0.32222	-3.10347	4.61E-05	0.328148	-3.04741	0.0594778	1.36072	1.36072	0.00019743	0.404223	-2.47388	0.00142569	0.512678	-1.95054	21.3508	7.08954	0.295155	1
cg02601800	TERT;TERT	0.000122755	0.0211239	1.58409	1.58409	0.00014685	2.95484	2.95484	0.342576	0.850253	-1.17612	0.561307	1.10235	1.10235	0.0079486	0.568603	-1.7587	0.188988	0.793845	-1.25969	1.52E-05	0.226188	-4.42111	0.0114097	0.59138	-1.69096	0.0383745	1.48894	1.48894	20.957	9.13507	0.387463	1
cg06942978	TERT;TERT	0.000130949	0.605982	1.17475	1.17475	0.304549	1.38974	1.38974	0.00151875	0.243293	-4.11027	0.697285	0.886037	-1.12862	2.07E-06	0.0268997	-37.1752	0.00131394	0.235189	-4.25191	0.564907	0.835185	-1.19734	0.5692	0.836879	-1.19492	0.84206	0.940115	-1.0637	20.5963	31.253	1.34881	1
cg02286968	TERT;TERT	0.000135618	0.651039	0.933856	-1.07083	0.133725	0.784214	-1.27516	0.000216404	0.395507	-2.5284	0.00258219	0.533793	-1.87339	0.0145473	0.636138	-1.57198	0.0563443	0.722706	-1.38369	2.23E-06	0.175636	-5.6936	0.421054	0.883794	-1.13149	0.599573	0.923469	-1.08287	20.4032	7.29855	0.31797	1
cg07728485	TERT;TERT	0.000141761	0.0415526	0.519551	-1.92474	0.902943	1.03458	1.03458	0.0254777	0.477219	-2.09547	0.173164	1.4976	1.4976	0.0312534	0.494513	-2.02219	0.460232	0.810996	-1.23305	1.50E-06	0.0334729	-29.8749	0.695024	0.896028	-1.11604	0.00785494	0.386581	-2.58678	20.1614	24.7907	1.09299	1
cg07507801	TERT;TERT	0.000148513	0.0872056	1.29812	1.29812	0.00151674	1.8796	1.8796	0.964819	1.00611	1.00611	0.857281	1.02518	1.02518	6.25E-05	0.360972	-2.7703	0.00071378	0.490673	-2.03802	9.38E-05	0.382072	-2.61731	0.0103363	0.639965	-1.56259	0.542635	1.08888	1.08888	19.9103	6.01927	0.268729	1
cg13390570	TERT;TERT	0.000156885	0.153154	0.685938	-1.45786	0.0214135	0.506014	-1.97623	4.76E-05	0.151355	-6.60697	0.323558	0.777824	-1.28564	0.000263261	0.228175	-4.3826	0.0118681	0.461167	-2.16841	1.13E-05	0.100305	-9.96956	0.00103293	0.301831	-3.31312	0.0171065	0.488594	-2.04669	19.6181	18.8683	0.854915	1
cg16509061	TERT;TERT	0.000195982	0.196283	0.749672	-1.33392	0.000242641	0.278114	-3.59565	0.00973343	0.501834	-1.99269	0.973203	1.00711	1.00711	4.30E-05	0.194224	-5.14869	0.00501468	0.457099	-2.18771	2.45E-05	0.170308	-5.87172	0.00334206	0.430794	-2.3213	0.275846	0.787393	-1.27001	18.4725	13.0084	0.625955	1
cg07380026	TERT;TERT	0.000272938	0.042004	1.51026	1.51026	0.000338502	2.76271	2.76271	0.135597	1.3271	1.3271	0.0694579	1.42945	1.42945	0.128659	0.749066	-1.335	8.49E-05	0.288562	-3.46546	0.0141395	0.58698	-1.70363	0.00196256	0.463031	-2.15968	0.147928	1.31404	1.31404	16.8808	8.27622	0.435798	1
cg08295072	TERT;TERT	0.000313674	0.591579	0.90369	-1.10657	1.17E-05	0.176116	-5.67808	0.0017494	0.434271	-2.30271	0.00559612	1.97428	1.97428	0.287101	0.813292	-1.22957	0.0406112	0.642724	-1.55588	0.413836	1.16905	1.16905	0.00746295	0.525136	-1.90427	0.945107	1.01296	1.01296	16.2506	8.99725	0.49214	1
cg16574643	TERT;TERT	0.000358512	0.00357114	0.315144	-3.17315	0.000131048	0.143396	-6.9737	0.000759584	0.224709	-4.4502	0.00536911	0.342153	-2.92267	0.00086102	0.231357	-4.32232	0.0218531	0.447125	-2.23651	5.26E-05	0.109658	-9.11926	0.00249981	0.292654	-3.41701	0.00608454	0.350727	-2.85122	15.6654	21.2332	1.20482	1
cg25641025	TERT;TERT	0.000401129	0.61932	0.920945	-1.08584	0.0605287	0.706096	-1.41624	0.00854934	0.575982	-1.73616	0.0295661	0.656216	-1.52389	1.33E-05	0.223086	-4.48257	0.00918859	0.580491	-1.72268	0.000939139	0.444173	-2.25137	0.000502487	0.408768	-2.44637	0.00661219	0.560041	-1.78558	15.1884	6.50426	0.380657	1
cg02153334	TERT;TERT	0.000431043	0.711207	0.916978	-1.09054	0.306549	0.781362	-1.27982	0.0407389	0.576627	-1.73422	0.0113623	0.477787	-2.09298	0.000569034	0.288231	-3.46944	0.000270827	0.248666	-4.02146	7.80E-05	0.188974	-5.29174	0.000183708	0.229149	-4.36398	0.264476	0.762566	-1.31136	14.8899	12.8095	0.764697	1
cg16750953	TERT;TERT	0.000485864	0.077223	1.56521	1.56521	0.00762407	2.18665	2.18665	0.652599	0.901823	-1.10887	0.896553	1.03011	1.03011	0.111108	0.673128	-1.4856	0.025996	0.547391	-1.82685	0.00599692	0.440878	-2.2682	1.71E-05	0.133811	-7.47324	0.679395	1.09941	1.09941	14.4046	11.8645	0.732142	1
cg01395424	TERT;TERT	0.000556474	0.00392961	0.375997	-2.6596	0.0133139	2.16633	2.16633	0.0600901	0.585893	-1.7068	0.00107817	0.296131	-3.37688	8.72E-05	0.169698	-5.89283	0.545436	1.16678	1.16678	0.000872105	0.284008	-3.52103	0.980051	1.00632	1.00632	0.379394	0.796674	-1.25522	13.8719	13.96	0.894538	1
cg06904408	TERT;TERT	0.000957773	0.413325	1.27293	1.27293	0.124623	1.61565	1.61565	0.0424738	0.509585	-1.96238	0.389843	0.775488	-1.28951	0.00532748	0.346668	-2.8846	0.000982469	0.243192	-4.11198	7.80E-05	0.127117	-7.86679	0.00904469	0.383894	-2.60489	0.345374	1.32369	1.32369	11.9113	15.7071	1.17216	1
cg16671301	TERT;TERT	0.000963234	0.0909446	0.806197	-1.24039	0.528139	0.928725	-1.07675	0.00231584	0.611211	-1.6361	0.0275095	0.739636	-1.35202	0.0512762	0.773552	-1.29274	0.109306	0.817095	-1.22385	1.27E-05	0.345704	-2.89265	0.123877	0.824658	-1.21262	0.0340095	0.751051	-1.33147	11.8921	2.5208	0.18842	1
cg00811166	TERT;TERT	0.00104215	0.572395	1.13183	1.13183	0.458878	1.1779	1.1779	0.0116591	0.504423	-1.98246	0.257883	1.29215	1.29215	0.507106	1.15732	1.15732	0.0311112	1.73196	1.73196	2.76E-05	0.166402	-6.00954	0.14332	0.710758	-1.40695	0.352332	1.23094	1.23094	11.6295	8.6802	0.663462	1
cg02048657	TERT;TERT	0.0010605	0.909148	1.02327	1.02327	0.611228	0.901845	-1.10884	0.160661	0.739331	-1.35257	0.0257449	1.70533	1.70533	0.00510552	0.474378	-2.10802	0.0238254	0.58068	-1.72212	6.12E-05	0.225187	-4.44075	0.00505329	0.473708	-2.111	0.173616	1.33879	1.33879	11.572	7.44384	0.571792	1
cg14793430	TERT;TERT	0.00126236	0.68829	1.1616	1.1616	0.742254	0.884628	-1.13042	0.0100604	0.299218	-3.34205	0.472396	0.762234	-1.31193	2.57E-05	0.0451254	-22.1605	0.0755276	0.479547	-2.0853	0.00189624	0.194959	-5.12929	0.101121	0.513307	-1.94815	0.814871	0.916561	-1.09103	11.0113	24.0631	1.94251	1
cg00968538	TERT;TERT	0.00137531	0.148555	0.661686	-1.51129	0.00236592	0.32303	-3.09569	0.00436762	0.362507	-2.75856	0.693872	1.11119	1.11119	0.0114452	0.430273	-2.32411	0.0301039	0.506732	-1.97343	0.00015917	0.179006	-5.5864	0.00107836	0.276204	-3.62051	0.00341726	0.346385	-2.88696	10.7443	12.0866	0.999941	1
cg26336790	TERT;TERT	0.00145287	0.381801	0.841773	-1.18797	0.0761536	0.684596	-1.46072	0.00962368	0.532955	-1.87633	0.63742	1.09545	1.09545	2.52E-05	0.200629	-4.98431	0.26544	1.24963	1.24963	0.954952	1.01091	1.01091	0.0256748	0.601153	-1.66347	0.881865	0.971849	-1.02897	10.5763	6.17662	0.519118	1
cg09088107	TERT;TERT	0.00267512	0.0356158	0.632086	-1.58206	0.00119596	0.410457	-2.43631	0.00394077	0.483145	-2.06977	0.024342	0.604517	-1.65421	0.0046923	0.494185	-2.02353	0.011197	0.550926	-1.81513	0.000618574	0.372221	-2.68658	0.0022052	0.447177	-2.23625	0.0768391	0.69139	-1.44636	8.85356	4.93253	0.495221	1
cg25939350	TERT;TERT	0.00268367	0.0661532	0.394956	-2.53193	0.000651044	0.0947789	-10.5509	0.0260319	0.304038	-3.28906	0.158449	0.506863	-1.97292	0.000500855	0.0860023	-11.6276	0.10104	0.445117	-2.2466	0.000774345	0.100935	-9.90737	0.0101752	0.232068	-4.30909	0.076737	0.41178	-2.42848	8.84523	28.4595	2.86	1
cg27298526	TERT;TERT	0.00428184	0.349761	1.65156	1.65156	0.518587	0.710971	-1.40653	0.0165198	0.217279	-4.60237	0.866449	1.0917	1.0917	0.0561326	0.323811	-3.08822	0.503902	0.702195	-1.42411	7.48E-05	0.0235613	-42.4426	0.663669	1.25617	1.25617	0.674625	0.802449	-1.24619	7.69268	33.1039	3.82516	1
cg14783639	TERT;TERT	0.00433256	0.836731	1.07366	1.07366	0.00776964	0.308121	-3.24548	0.00863904	0.315648	-3.16808	0.219656	1.55977	1.55977	0.0118297	0.338759	-2.95195	0.0983666	0.535622	-1.86699	0.000673635	0.166806	-5.99498	0.0378339	0.436297	-2.29202	0.00543291	0.283684	-3.52504	7.66531	14.4006	1.66993	1
cg00576086	TERT;TERT	0.00456244	0.0321335	0.31436	-3.18107	0.00971466	0.221318	-4.51838	0.0561849	0.368949	-2.7104	0.651952	1.23287	1.23287	0.012284	0.23744	-4.21159	0.00628477	0.19374	-5.16155	0.000606095	0.0874163	-11.4395	0.00509018	0.181405	-5.51253	0.0116217	0.233548	-4.28177	7.54609	25.4052	2.9926	1
cg07285213	TERT;TERT	0.00457325	0.0637615	0.426543	-2.34443	0.00731276	0.243173	-4.1123	0.0325382	0.359517	-2.78151	0.103551	0.482933	-2.07068	0.000895177	0.130915	-7.63854	0.00824968	0.25125	-3.98011	0.00059591	0.114545	-8.73021	0.0194077	0.314881	-3.1758	0.0850724	0.459116	-2.1781	7.54067	19.9633	2.35326	1
cg10878976	TERT;TERT	0.00541281	0.654074	0.798911	-1.2517	0.00248682	0.123377	-8.10525	0.0198317	0.246601	-4.05514	0.288529	0.577865	-1.73051	0.0037311	0.142355	-7.0247	0.0130995	0.216187	-4.62561	0.00071808	0.0771072	-12.969	0.0258328	0.26789	-3.73288	0.0307975	0.282954	-3.53414	7.16259	28.1038	3.48773	1
cg16429735	TERT;TERT	0.00876189	0.393361	0.733109	-1.36405	0.00173774	0.204783	-4.88322	0.105464	0.533635	-1.87394	0.337486	0.703903	-1.42065	0.925015	1.03399	1.03399	0.065079	0.47928	-2.08646	0.000490901	0.143888	-6.94985	0.0572416	0.465891	-2.14643	0.0381214	0.425939	-2.34775	6.16455	12.3099	1.77501	1
cg13995918	TERT;TERT	0.00918929	0.553679	1.25442	1.25442	0.390754	1.39476	1.39476	0.675325	0.852671	-1.17279	0.891723	1.05288	1.05288	0.0511737	0.431625	-2.31682	0.00978745	0.290606	-3.44108	0.000292317	0.10713	-9.33446	0.912172	1.04263	1.04263	0.957195	1.02052	1.02052	6.0721	13.7668	2.01531	1
cg13924604	TERT;TERT	0.009343	0.256033	1.65492	1.65492	0.0374102	2.79041	2.79041	0.0822157	0.441287	-2.2661	0.726966	0.861623	-1.1606	0.00897586	0.243694	-4.10351	0.0793763	0.437183	-2.28737	0.00126521	0.135476	-7.38138	0.0637785	0.412561	-2.42388	0.234209	0.588701	-1.69865	6.04016	17.2691	2.54137	1
cg04524431	TERT;TERT	0.0104629	0.370613	1.43884	1.43884	0.314909	0.662815	-1.50872	0.0986361	0.488365	-2.04765	0.543743	0.784112	-1.27533	0.00354687	0.209305	-4.77771	0.0972413	0.486633	-2.05494	0.000666843	0.127316	-7.85447	0.122279	0.515431	-1.94012	0.0198278	0.328522	-3.04394	5.82555	14.4496	2.20478	1
cg24931138	TERT;TERT	0.0106215	0.0170307	0.0835343	-11.9711	0.00474652	0.040758	-24.535	0.0260924	0.105104	-9.51442	0.167703	0.285138	-3.50708	0.0030162	0.0311261	-32.1274	0.138435	0.25637	-3.90062	0.00509578	0.0424811	-23.5399	0.0140209	0.0751331	-13.3097	0.0192005	0.0891374	-11.2186	5.79747	66.8577	10.2509	1
cg04526883	TERT;TERT	0.0110095	0.388938	1.3397	1.3397	0.00574999	0.301523	-3.3165	0.0496729	0.476328	-2.09939	0.960184	0.983601	-1.01667	0.00253899	0.249695	-4.00489	0.189582	0.631133	-1.58445	0.00999049	0.340484	-2.937	0.00760262	0.320797	-3.11724	0.115853	0.56774	-1.76137	5.73093	9.95755	1.54445	1
cg13449354	TERT;TERT	0.0121119	0.614685	0.897177	-1.11461	0.046063	1.63013	1.63013	0.183417	0.739546	-1.35218	0.866979	1.03648	1.03648	0.00511181	0.453471	-2.20521	0.25013	0.773445	-1.29292	0.754967	0.935266	-1.06921	0.199993	0.748707	-1.33564	0.00093302	0.347815	-2.87509	5.55673	4.02141	0.643291	1
cg08610403	TERT;TERT	0.0131222	0.00947078	0.382909	-2.61158	0.00382936	0.320368	-3.12141	0.0107836	0.3925	-2.54777	0.668494	0.881809	-1.13403	0.0156417	0.420936	-2.37566	0.471207	0.807345	-1.23863	0.0534385	0.527008	-1.8975	0.00350784	0.31469	-3.17773	0.351265	0.755701	-1.32328	5.41357	7.30953	1.2002	1
cg02545192	TERT;TERT	0.0145165	0.480019	1.59346	1.59346	0.0946601	3.2938	3.2938	0.284432	2.05768	2.05768	0.844245	1.13615	1.13615	0.5039	0.643946	-1.55293	0.439893	0.599791	-1.66725	0.000330564	43.0107	43.0107	0.0267421	5.49164	5.49164	0.495027	1.56772	1.56772	5.23706	34.9284	5.92843	1
cg25353384	TERT;TERT	0.0158981	0.0052055	0.260933	-3.83241	0.297856	1.48175	1.48175	0.621866	0.834315	-1.19859	0.334213	0.695656	-1.43749	0.00533446	0.26252	-3.80923	0.531008	0.793559	-1.26015	0.00764038	0.286636	-3.48874	0.0166039	0.344409	-2.90353	0.0686052	0.47581	-2.10168	5.08178	10.6855	1.86908	1
cg21741223	TERT;TERT	0.016675	0.0542695	0.234133	-4.27107	0.0544873	0.234521	-4.26401	0.00913182	0.11066	-9.03673	0.273467	0.468814	-2.13304	0.00486867	0.0836377	-11.9563	0.154559	0.363168	-2.75354	0.00478135	0.0829519	-12.0552	0.0100741	0.115491	-8.65872	0.0318016	0.18774	-5.32651	5.00164	35.0011	6.22036	1
cg05934984	TERT;TERT	0.0168292	0.0557129	0.352227	-2.83908	0.1097	0.431994	-2.31485	0.0645386	0.368072	-2.71686	0.405215	1.50668	1.50668	0.0025992	0.134221	-7.45042	0.698658	1.20593	1.20593	0.00326992	0.14519	-6.88754	0.109081	0.431248	-2.31885	0.0769665	0.388047	-2.57701	4.98629	18.2966	3.26167	1
cg16051228	TERT;TERT	0.0176439	0.00776438	6.5053	6.5053	0.0115737	5.63705	5.63705	0.658391	1.27601	1.27601	0.156572	2.29347	2.29347	0.949087	0.965626	-1.0356	0.729177	0.826642	-1.20971	0.0261038	0.235512	-4.24606	0.0245971	4.33366	4.33366	0.0513027	3.37214	3.37214	4.90797	23.3232	4.22409	1
cg10896616	TERT;TERT	0.0181569	0.344912	0.866356	-1.15426	0.41901	1.12949	1.12949	0.987533	0.997699	-1.00231	0.742107	0.952471	-1.0499	0.460436	0.895099	-1.11719	0.01938	0.659069	-1.51729	0.0356202	1.43429	1.43429	0.00157091	1.95361	1.95361	0.350743	1.15215	1.15215	4.86092	1.67417	0.306146	1
cg14647640	TERT;TERT	0.0185408	0.262713	0.583104	-1.71496	0.00696847	0.19942	-5.01455	0.0643474	0.382894	-2.61169	0.879267	1.07274	1.07274	0.0282954	0.302386	-3.30703	0.0405527	0.335383	-2.98166	0.00252224	0.144106	-6.93931	0.0121506	0.236035	-4.23665	0.176216	0.514687	-1.94293	4.82677	16.3107	3.00374	1
cg00728907	TERT;TERT	0.0194124	0.0427849	0.435386	-2.29681	0.364967	0.717525	-1.39368	0.13012	0.558215	-1.79142	0.0877798	0.51071	-1.95806	0.00334297	0.240732	-4.154	0.751897	1.11974	1.11974	0.00165421	0.200764	-4.98097	0.0905208	0.514238	-1.94463	0.116005	0.543805	-1.8389	4.7524	9.57105	1.79017	1
cg25518571	TERT;TERT	0.0198383	0.891688	0.945333	-1.05783	0.165334	1.84158	1.84158	0.0133146	0.282122	-3.54457	0.500214	1.32627	1.32627	0.0345167	0.361571	-2.76571	0.122229	0.500998	-1.99601	0.0026999	0.180794	-5.53117	0.802649	0.901829	-1.10886	0.0402727	0.376171	-2.65837	4.71755	12.7218	2.39706	1
cg10070104	TERT;TERT	0.0212069	0.745336	1.13096	1.13096	0.00827831	0.279438	-3.57862	0.416272	0.730702	-1.36855	0.0740225	2.12097	2.12097	0.217349	0.612554	-1.63251	0.0814626	2.07357	2.07357	0.82612	0.920274	-1.08663	0.00449744	0.239267	-4.17942	0.249218	0.634579	-1.57585	4.61155	10.4155	2.00762	1
cg24908166	TERT;TERT	0.0255344	0.290558	0.720341	-1.38823	0.152121	1.58218	1.58218	0.0189223	0.427386	-2.3398	0.203998	0.669701	-1.4932	0.104312	0.58799	-1.70071	0.342867	0.746582	-1.33944	0.00150487	0.254675	-3.92657	0.178869	0.652407	-1.53279	0.0684705	0.543358	-1.84041	4.32526	6.12693	1.25915	1
cg14595930	TERT;TERT	0.0278684	0.63542	0.868066	-1.15199	0.000856135	0.226808	-4.40901	0.0315367	0.473777	-2.1107	0.641113	1.14921	1.14921	0.254483	0.702936	-1.4226	0.402985	0.776048	-1.28858	0.356924	1.32404	1.32404	0.0929272	0.578321	-1.72914	0.430405	0.787864	-1.26925	4.19474	5.83045	1.23551	1
cg21515023	TERT;TERT	0.0290004	0.150419	0.326123	-3.06633	0.039967	0.17803	-5.61702	0.0138767	0.109715	-9.11454	0.563961	0.65442	-1.52807	0.0112715	0.0995195	-10.0483	0.0271227	0.14935	-6.69568	0.00859836	0.0875076	-11.4276	0.14414	0.319641	-3.12851	0.019819	0.129397	-7.72817	4.13621	34.6145	7.4388	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03323598	TERT;TERT	0.0493865	0.752062	0.898477	-1.11299	0.733689	0.891055	-1.12227	0.350527	0.722839	-1.38343	0.913352	1.03745	1.03745	0.229192	0.652975	-1.53145
cg01574564	TES	3.59E-05	0.00375255	0.612628	-1.63231	0.00028833	2.09777	2.09777	0.00072233	1.90441	1.90441	0.00122119	1.80869	1.80869	0.0864529	1.26768	1.26768
cg12018521	TES	9.86E-05	0.00925783	0.503431	-1.98637	0.0300327	0.588402	-1.69952	3.87E-05	0.194239	-5.1483	0.0339275	0.597773	-1.67288	4.90E-06	0.114472	-8.73576
cg00453193	TES	0.000182353	0.384183	1.13562	1.13562	0.0191199	0.667516	-1.49809	0.000423816	2.21623	2.21623	0.00282489	1.79713	1.79713	0.270081	0.849012	-1.17784
cg24404329	TES	0.00223798	0.94336	0.977523	-1.02299	0.408086	1.31091	1.31091	0.000267329	0.147477	-6.7807	0.0565119	0.501195	-1.99523	0.00472681	0.300968	-3.32261
cg21007449	TES	0.00243851	0.010146	0.62652	-1.59612	0.187382	0.817522	-1.22321	0.256056	1.18643	1.18643	0.981666	0.996692	-1.00332	0.920756	0.985754	-1.01445
cg21083093	TES;TES	0.000146095	0.0424941	0.632077	-1.58209	0.100509	0.702363	-1.42377	4.01E-05	0.21421	-4.66831	0.00122573	0.395083	-2.53111	5.17E-06	0.130915	-7.63857
cg21101308	TES;TES	0.00592347	0.95154	1.00908	1.00908	0.263311	0.840775	-1.18938	0.000380101	0.429921	-2.32601	0.197389	1.22465	1.22465	0.509311	1.10468	1.10468
cg10728469	TES;TES	0.00601934	0.75483	1.12895	1.12895	0.149756	1.81835	1.81835	0.00127039	6.17449	6.17449	0.157	1.79686	1.79686	0.786603	0.900265	-1.11078
cg02561103	TES;TES	0.0100911	0.0442737	0.368984	-2.71014	0.00135058	0.13417	-7.45323	0.00216449	0.156079	-6.40701	0.550576	1.29769	1.29769	0.0122907	0.260411	-3.84008
cg12205433	TES;TES	0.0352901	0.216954	0.56295	-1.77636	0.00509848	0.194559	-5.13982	0.00953957	0.234102	-4.27165	0.852826	1.0856	1.0856	0.0173561	0.277655	-3.6016
cg12888231	TESC;TESC;TESC	0.000164852	0.00234522	0.693058	-1.44288	0.215848	1.11903	1.11903	0.000590234	1.58133	1.58133	0.210126	0.89223	-1.12079	2.84E-05	0.491344	-2.03523
cg01804036	TESC;TESC;TESC	0.000375134	0.00328958	0.417076	-2.39764	3.62E-05	0.175908	-5.68478	0.000934321	0.340091	-2.94039	0.219969	0.754555	-1.32528	0.00056549	0.311417	-3.21112
cg24214659	TESC;TESC;TESC	0.000614178	0.0178957	0.440854	-2.26832	0.557637	0.844699	-1.18385	0.305369	0.739285	-1.35266	0.0101883	0.39767	-2.51465	0.00038506	0.199428	-5.01435
cg00874230	TESC;TESC;TESC	0.000768979	0.00168866	0.347371	-2.87877	0.000343557	0.257186	-3.88824	0.22531	0.740766	-1.34995	0.0336559	0.557313	-1.79432	0.00038087	0.262616	-3.80784
cg06285921	TESC;TESC;TESC	0.00146717	0.318495	1.26681	1.26681	0.155713	1.41683	1.41683	0.0706209	0.629119	-1.58952	0.0108423	2.08319	2.08319	0.0166935	0.511582	-1.95472
cg07954572	TESC;TESC;TESC	0.0023105	0.00470829	1.86314	1.86314	0.00115704	2.20527	2.20527	0.0101	1.71215	1.71215	0.0952842	0.73811	-1.35481	0.0120287	1.68025	1.68025
cg19426678	TESC;TESC;TESC	0.00298266	0.214069	0.797622	-1.25373	0.0115032	0.579026	-1.72704	0.450326	0.875502	-1.1422	0.677405	0.930238	-1.07499	0.647376	0.923479	-1.08286
cg17025122	TESC;TESC;TESC	0.00435757	0.0849303	1.35706	1.35706	0.598597	0.918386	-1.08887	0.719816	0.943905	-1.05943	0.0558975	0.706722	-1.41498	0.253362	1.21069	1.21069
cg07184836	TESC;TESC;TESC	0.00571314	0.0181023	1.68055	1.68055	0.803332	1.04616	1.04616	0.0692987	1.44413	1.44413	0.114724	0.733288	-1.36372	0.00190271	2.21565	2.21565
cg22517925	TESC;TESC;TESC	0.00847472	0.611953	0.868377	-1.15157	0.014673	2.2906	2.2906	0.939859	0.979399	-1.02103	0.383477	0.781501	-1.27959	0.0433975	0.526842	-1.8981
cg01409207	TESC;TESC;TESC	0.00993185	0.58726	0.828503	-1.207	0.868031	0.944514	-1.05875	0.743219	0.893293	-1.11945	0.0507467	0.465771	-2.14698	0.00134738	0.202188	-4.94589
cg01073178	TESC;TESC;TESC	0.0101362	0.000970803	0.633865	-1.57762	0.612474	1.04858	1.04858	0.231027	1.12376	1.12376	0.559578	0.946681	-1.05632	0.00486584	0.707022	-1.41438
cg06750167	TESC;TESC;TESC	0.0112007	0.0869626	0.554669	-1.80288	0.25121	0.688114	-1.45325	0.209331	0.661931	-1.51073	0.660214	1.14791	1.14791	0.000811276	0.207031	-4.83019
cg04964669	TESC;TESC;TESC	0.0249179	0.657187	0.862141	-1.1599	0.526249	1.23771	1.23771	0.906017	0.961535	-1.04	0.42691	0.763834	-1.30919	0.00986764	0.338597	-2.95336
cg06216677	TESK1	0.0395812	0.286571	1.11094	1.11094	0.0243693	0.774876	-1.29053	0.269434	0.896432	-1.11553	0.438103	0.927567	-1.07809	0.848099	0.981935	-1.0184
cg22628146	TESK2	0.000566921	0.00574926	0.437848	-2.2839	0.138631	0.695077	-1.43869	0.196536	0.732305	-1.36555	0.0742142	1.57444	1.57444	0.000523408	0.291252	-3.43345
cg05343316	TESK2	0.0021245	0.010447	0.650731	-1.53673	0.00288326	1.72671	1.72671	0.0298718	1.40579	1.40579	0.0246572	0.700048	-1.42847	0.0312129	1.40067	1.40067
cg00609097	TESK2	0.00796975	0.484648	0.908818	-1.10033	0.847712	0.974448	-1.02622	0.432529	1.11387	1.11387	0.578061	0.927143	-1.07858	0.0139646	0.664483	-1.50493
cg06773033	TESK2	0.00803997	0.266185	0.802269	-1.24646	0.125594	1.37054	1.37054	0.805861	1.04794	1.04794	0.446128	1.15914	1.15914	0.0329476	0.622309	-1.60692
cg04981758	TESK2	0.0111538	0.342161	1.30893	1.30893	0.0149756	2.27683	2.27683	0.152973	1.52346	1.52346	0.0832205	1.69471	1.69471	0.162528	0.66357	-1.507
cg00310044	TESK2	0.0201636	0.477873	1.19175	1.19175	0.71871	0.915826	-1.09191	0.132127	0.673636	-1.48448	0.0678273	0.608191	-1.64422	0.183711	1.40898	1.40898
cg04132845	TESK2	0.0206179	0.384706	0.856793	-1.16714	0.178713	0.780551	-1.28115	0.00678823	1.83744	1.83744	0.0546224	1.45948	1.45948	0.0314678	1.54888	1.54888
cg19403023	TESSP1	2.42E-06	0.0654112	1.2872	1.2872	0.000155735	2.20453	2.20453	0.444265	1.09989	1.09989	9.65E-06	3.19987	3.19987	0.0002217	2.11872	2.11872
cg19534703	TESSP1	0.000832091	0.291495	0.84238	-1.18711	0.866694	0.974016	-1.02668	0.294951	0.843488	-1.18555	0.0472075	1.42738	1.42738	4.06E-05	0.293056	-3.41232
cg01398247	TESSP1	0.00306447	0.412128	1.11698	1.11698	0.206286	1.19229	1.19229	7.54E-05	0.387666	-2.57954	0.271185	0.859735	-1.16315	0.150893	0.816203	-1.22519
cg27561907	TESSP1	0.00712469	0.0614154	1.6754	1.6754	0.215664	0.726789	-1.37592	0.0792586	1.61142	1.61142	0.15355	1.45383	1.45383	0.0882755	1.58501	1.58501
cg00365411	TESSP1	0.00724204	0.0800465	0.559471	-1.7874	0.550875	0.834893	-1.19776	0.044559	0.501701	-1.99322	0.743616	0.90652	-1.10312	0.980796	1.00722	1.00722
cg02230103	TESSP1	0.0105678	0.736797	0.93996	-1.06388	0.393131	1.17418	1.17418	0.000424157	0.358888	-2.78638	0.386255	1.17708	1.17708	0.0406241	0.647956	-1.54332
cg08104780	TESSP1	0.0170042	0.750475	1.06177	1.06177	0.627228	0.91216	-1.0963	0.0338915	0.627947	-1.59249	0.718725	0.934309	-1.07031	0.36798	0.840527	-1.18973
cg04493401	TESSP1	0.0266185	0.00944399	2.16435	2.16435	0.28254	0.769434	-1.29966	0.212781	0.734916	-1.3607	0.221921	1.35164	1.35164	0.691384	0.910597	-1.09818
cg00128195	TET1	0.000809583	0.751821	1.04416	1.04416	0.29014	1.1613	1.1613	0.628248	0.935703	-1.06872	0.920317	1.01372	1.01372	0.0342579	0.714312	-1.39995
cg25926515	TET1	0.00158104	0.000630209	8.43777	8.43777	0.00855459	3.90279	3.90279	0.0348403	0.368476	-2.71388	0.00827315	3.93791	3.93791	0.979816	1.01032	1.01032
cg23602092	TET1	0.0023945	0.00177764	0.255781	-3.9096	0.158562	0.630114	-1.58702	0.0139586	0.39437	-2.53569	0.0024109	0.273853	-3.65159	0.000179371	0.143123	-6.98701
cg15254238	TET1	0.00242405	0.00121118	6.94867	6.94867	0.0062174	4.30328	4.30328	0.0877834	0.462575	-2.16181	0.0116931	3.62902	3.62902	0.70206	1.17029	1.17029
cg09183181	TET1	0.0118616	0.0538685	1.61634	1.61634	0.636068	0.900712	-1.11023	0.637168	1.10985	1.10985	0.00652421	2.17147	2.17147	0.0214314	1.83361	1.83361
cg03756448	TET1	0.0165454	0.0524188	1.50567	1.50567	0.0361595	0.636329	-1.57151	0.00453142	0.495743	-2.01717	0.0129377	0.56417	-1.77252	0.208808	0.782064	-1.27867
cg17817532	TET1	0.0216602	0.0224204	0.127451	-7.84614	0.00533572	0.0630248	-15.8668	0.0177031	0.113895	-8.78002	0.158782	0.321623	-3.10923	0.018488	0.11628	-8.59991
cg10403849	TET1	0.0351115	0.0932247	2.17636	2.17636	0.0321373	2.87771	2.87771	0.475748	0.736822	-1.35718	0.0372164	2.76909	2.76909	0.104511	2.11128	2.11128
cg13848707	TET1	0.0351752	0.338559	0.831336	-1.20288	0.00548823	1.98117	1.98117	0.17864	1.30678	1.30678	0.837308	0.962232	-1.03925	0.0104731	1.82818	1.82818
cg19127638	TET1	0.0354751	0.137595	0.399406	-2.50372	0.0323873	0.237455	-4.21132	0.0108554	0.159468	-6.27085	0.435233	0.633229	-1.57921	0.929891	0.950748	-1.0518
cg09978996	TET1	0.0376392	0.0171957	3.59892	3.59892	0.0122791	3.95824	3.95824	0.372357	0.667639	-1.49782	0.0659655	2.48425	2.48425	0.924208	1.04287	1.04287
cg12548760	TET1	0.0433584	0.0510523	0.387009	-2.58392	0.0806105	0.437003	-2.28831	0.0224762	0.311028	-3.21514	0.0858058	2.25039	2.25039	0.0736102	0.426534	-2.34448
cg07780602	TET2	0.00474694	0.011588	0.41723	-2.39676	0.00469398	0.353206	-2.83121	0.046154	0.53113	-1.88278	0.010526	0.410079	-2.43855	0.0110272	0.413529	-2.41821
cg22235466	TET2;TET2	0.000331078	0.000134213	1.72994	1.72994	0.00079036	1.52218	1.52218	0.00468014	1.36543	1.36543	0.00433906	1.37133	1.37133	0.0131709	1.28998	1.28998
cg08924430	TET2;TET2	0.00119004	0.0059309	0.444409	-2.25018	0.141121	0.699996	-1.42858	0.582864	1.13314	1.13314	0.000756758	3.16058	3.16058	0.0362136	0.57761	-1.73127
cg08530497	TET2;TET2	0.0167398	0.376278	0.61729	-1.61998	0.114936	0.402222	-2.48619	0.0136968	0.197963	-5.05146	0.0606173	0.324992	-3.077	0.00277151	0.111653	-8.95632
cg09381178	TET2;TET2	0.0171674	0.390224	0.838204	-1.19303	0.846126	1.03972	1.03972	0.727985	0.932398	-1.0725	0.00056232	2.92106	2.92106	0.360201	0.82814	-1.20753
cg06795971	TET2;TET2	0.0246519	0.728627	0.828593	-1.20687	0.70303	1.22971	1.22971	0.37994	1.62615	1.62615	0.0121072	5.41176	5.41176	0.0585478	0.315484	-3.16973
cg17862558	TET2;TET2	0.0296611	0.0273911	0.234469	-4.26496	0.0166624	0.196976	-5.07675	0.0961518	0.362227	-2.7607	0.13329	0.406529	-2.45985	0.00259965	0.0983857	-10.1641
cg14330655	TET2;TET2	0.0458531	0.20286	0.737341	-1.35622	0.241348	1.32046	1.32046	0.580545	1.13486	1.13486	0.0373497	0.578297	-1.72922	0.102406	0.666901	-1.49947
cg00694660	TET3	0.00354264	0.0145591	1.38258	1.38258	0.00550795	0.67517	-1.48111	0.155053	1.17799	1.17799	0.761177	1.03336	1.03336	0.0383939	0.772391	-1.29468
cg13808088	TET3	0.00361958	0.211602	1.38605	1.38605	0.00592958	2.44196	2.44196	0.235928	1.36086	1.36086	0.0402125	1.80043	1.80043	0.218936	0.725607	-1.37816
cg17170868	TET3	0.0270766	0.566697	1.15385	1.15385	0.014201	0.473514	-2.11187	0.00613804	0.413303	-2.41953	0.961517	0.988148	-1.01199	0.108584	1.54112	1.54112
cg07855456	TEX101	0.000248968	0.252603	0.747371	-1.33802	0.027746	1.88505	1.88505	0.00902628	0.445379	-2.24528	0.166091	1.43314	1.43314	0.0212486	1.96359	1.96359
cg03567151	TEX101	0.000289322	0.000560274	0.300241	-3.33066	0.000507972	0.294816	-3.39195	0.00133339	0.350283	-2.85484	0.0115644	0.491606	-2.03415	0.000224713	0.251504	-3.97608
cg10188253	TEX101	0.00188275	0.000694306	0.140771	-7.10373	0.000371891	0.115635	-8.64788	0.0124578	0.307905	-3.24775	0.0288114	0.376579	-2.65549	0.0008161	0.147843	-6.76394
cg27006760	TEX101	0.00269032	0.000678461	0.461037	-2.16902	0.125764	1.28013	1.28013	0.00219553	0.527227	-1.89671	0.0176481	1.53771	1.53771	0.411439	0.882324	-1.13337
cg23206289	TEX101	0.00636581	0.00137315	0.15589	-6.41476	0.0065451	0.243119	-4.11321	0.0112196	0.280275	-3.56792	0.0435625	0.394929	-2.5321	0.00547488	0.231681	-4.31629
cg16135164	TEX101	0.00930632	0.000196794	0.243868	-4.10058	0.0426627	0.59087	-1.69242	0.0119507	0.493045	-2.02821	0.783967	1.06392	1.06392	0.599577	0.887412	-1.12687
cg15586563	TEX101	0.0110073	0.00843581	0.127825	-7.8232	0.00554232	0.107657	-9.28875	0.095448	0.326226	-3.06536	0.541555	1.45924	1.45924	0.0132989	0.153225	-6.52635
cg21650510	TEX101	0.0380239	0.516348	0.870203	-1.14916	0.967809	0.99151	-1.00856	0.0477197	0.619807	-1.61341	0.0035542	2.30404	2.30404	0.147998	0.720438	-1.38805
cg24339194	TEX101	0.039884	0.0400839	0.317253	-3.15206	0.706022	0.832448	-1.20128	0.225459	0.540072	-1.8516	0.874823	1.07928	1.07928	0.95488	1.02776	1.02776
cg26528798	TEX101;TEX101	5.40E-05	0.0007634	0.389443	-2.56777	0.996736	0.999244	-1.00076	5.45E-05	0.248948	-4.01691	0.00636324	1.92856	1.92856	1.02E-05	0.174077	-5.74458
cg08389130	TEX101;TEX101	0.000132091	5.55E-05	0.151039	-6.6208	0.0160943	0.475987	-2.1009	0.00168517	0.32257	-3.1001	0.000443036	0.24712	-4.04661	2.19E-05	0.116563	-8.57907
cg21591754	TEX101;TEX101	0.000241553	2.03E-05	0.221676	-4.51108	0.02407	1.60094	1.60094	0.273853	1.22036	1.22036	0.000550944	0.391339	-2.55533	0.285174	0.823531	-1.21428
cg09354463	TEX101;TEX101	0.00114051	0.00756791	0.652984	-1.53143	0.675329	0.949085	-1.05365	0.919126	0.98748	-1.01268	0.409264	0.900599	-1.11037	2.44E-05	0.352581	-2.83623
cg13985252	TEX101;TEX101	0.00956315	0.236139	0.535091	-1.86884	0.0930503	0.394268	-2.53634	0.0652246	0.352528	-2.83665	0.52708	0.724121	-1.38098	0.00145627	0.0986528	-10.1366
cg23334264	TEX101;TEX101	0.0121332	0.00329232	0.114609	-8.72534	0.0155145	0.20069	-4.9828	0.0448186	0.287689	-3.47598	0.194677	0.476087	-2.10046	0.017878	0.210734	-4.74531
cg21491308	TEX101;TEX101	0.0123379	0.0092612	0.108271	-9.23612	0.00259469	0.0602322	-16.6024	0.070949	0.257141	-3.88892	0.0628919	0.24447	-4.09048	0.00561591	0.0865133	-11.5589
cg05374396	TEX101;TEX101	0.0137633	0.0040008	0.118477	-8.44048	0.0519276	0.295354	-3.38576	0.00762536	0.150797	-6.63145	0.747946	0.837111	-1.19459	0.0519405	0.29538	-3.38547
cg11594420	TEX101;TEX101	0.0146709	0.00634973	0.082008	-12.1939	0.235563	0.416843	-2.39899	0.0202888	0.139485	-7.16925	0.836229	1.15686	1.15686	0.00575807	0.0782907	-12.7729
cg19636240	TEX101;TEX101	0.0188237	0.0191284	0.11071	-9.03258	0.00494534	0.0556333	-17.9749	0.0293552	0.136434	-7.32954	0.392281	0.50649	-1.97437	0.0125061	0.0896763	-11.1512
cg14591419	TEX101;TEX101	0.0437379	0.0158419	0.0632281	-15.8158	0.0157955	0.0631178	-15.8434	0.0385747	0.106603	-9.38056	0.421794	0.464569	-2.15253	0.0523885	0.127323	-7.85405
cg26563200	TEX101;TEX101;TEX101	6.42E-05	1.57E-05	0.136859	-7.30679	0.116698	1.46241	1.46241	2.33E-05	0.151764	-6.58916	0.246069	0.762989	-1.31063	4.17E-05	0.175539	-5.69672
cg19823329	TEX10;TEX10	0.00163828	0.0371138	0.498554	-2.0058	0.151963	1.55489	1.55489	0.565677	0.846199	-1.18175	0.206164	1.46742	1.46742	0.987131	1.00465	1.00465
cg21231550	TEX10;TEX10	0.00946016	0.0580437	0.362183	-2.76104	0.0142762	0.238708	-4.18923	0.0818573	0.400906	-2.49435	0.151249	2.07304	2.07304	0.271227	0.58101	-1.72114
cg13834896	TEX10;TEX10	0.0103833	0.167624	1.43138	1.43138	0.621761	1.12892	1.12892	0.526815	1.16925	1.16925	0.593554	1.14037	1.14037	0.000598991	0.274927	-3.63733
cg23043438	TEX10;TEX10;TEX10	0.00824846	0.0251932	2.76956	2.76956	0.801462	0.913588	-1.09458	?	?	?	?	?	?	0.0129467	0.300961	-3.32269
cg14388783	TEX10;TEX10;TEX10	0.0161495	0.457997	0.805177	-1.24196	0.907409	1.03392	1.03392	0.847686	0.946357	-1.05668	0.742196	0.909693	-1.09927	0.000266278	0.179713	-5.56444
cg17537844	TEX11;TEX11	8.53E-07	0.0335367	1.2293	1.2293	2.47E-07	0.277982	-3.59735	7.14E-06	0.438396	-2.28104	0.174014	1.12776	1.12776	3.42E-07	0.293054	-3.41235
cg03101044	TEX11;TEX11	0.0019993	0.339636	1.17317	1.17317	0.041778	1.46347	1.46347	0.922113	1.016	1.016	0.00121962	0.463919	-2.15555	0.000435727	0.405648	-2.46519
cg16642894	TEX11;TEX11	0.0227447	0.872245	1.06147	1.06147	0.971712	1.01323	1.01323	0.248836	0.639672	-1.5633	0.00838091	0.286949	-3.48494	0.429062	0.741386	-1.34883
cg07912810	TEX11;TEX11	0.0353974	0.0230176	0.544478	-1.83662	0.0422077	0.592565	-1.68758	0.0492327	0.605369	-1.65188	0.249623	0.764111	-1.30871	0.00301096	0.402732	-2.48304
cg00291929	TEX11;TEX11	0.041581	0.129435	0.807239	-1.23879	0.094117	1.27197	1.27197	0.134095	0.809638	-1.23512	0.182967	1.20285	1.20285	0.00880921	0.64666	-1.54641
cg23831217	TEX12	0.000877991	0.229479	0.855277	-1.16921	0.0517875	0.760036	-1.31573	2.29E-05	0.349639	-2.86009	0.295743	1.14387	1.14387	0.011632	0.67638	-1.47846
cg07267984	TEX12	0.00417131	0.914911	1.02077	1.02077	0.00194992	0.430542	-2.32265	0.00589534	0.500058	-1.99977	0.220507	1.28117	1.28117	0.0199295	1.71677	1.71677
cg07809301	TEX12;TEX12	0.0312711	0.618161	1.09211	1.09211	0.378103	0.853368	-1.17183	0.22657	0.800418	-1.24935	0.372082	0.851563	-1.17431	0.153818	0.765116	-1.30699
cg11913917	TEX13A;IL1RAPL2	0.0404654	0.0418713	0.233775	-4.27762	0.0246079	0.190354	-5.25337	0.162956	0.397348	-2.51668	0.172013	0.406178	-2.46198	0.0386994	0.226789	-4.40938
cg20493887	TEX13B	0.00127305	0.905139	0.96513	-1.03613	0.184561	0.657716	-1.52041	0.179906	0.654414	-1.52808	0.677642	1.13253	1.13253	1.71E-05	0.0724694	-13.7989
cg13719062	TEX13B	0.00701997	0.659928	1.16052	1.16052	0.0109884	0.342078	-2.92331	0.0529689	0.477414	-2.09462	0.0146143	0.363894	-2.74805	0.00188046	0.227225	-4.40093
cg00695324	TEX13B	0.0148168	0.11802	0.43513	-2.29816	0.214322	0.526802	-1.89825	0.0259664	0.273684	-3.65385	0.0230819	0.263944	-3.78869	0.0268544	0.276524	-3.61632
cg10857345	TEX13B	0.0151926	0.395811	1.34323	1.34323	0.459542	1.29114	1.29114	0.0423714	0.452352	-2.21067	0.222779	0.647444	-1.54453	0.00294568	0.250213	-3.9966
cg21364342	TEX13B	0.0466462	0.0792624	2.27224	2.27224	0.0757683	0.434901	-2.29937	0.14707	0.519174	-1.92614	0.15474	0.526442	-1.89955	0.00634733	0.223839	-4.46749
cg24099023	TEX14;RAD51C;TEX14;RAD51C	5.53E-05	0.0591653	0.746056	-1.34038	0.0545982	1.34961	1.34961	0.178537	1.21718	1.21718	0.344938	0.874801	-1.14312	1.57E-06	5.29293	5.29293
cg14066645	TEX14;RAD51C;TEX14;RAD51C	0.000159369	0.256093	0.726409	-1.37664	0.00295606	0.3328	-3.00481	0.121892	0.636292	-1.5716	0.200332	0.694378	-1.44014	4.82E-06	16.7414	16.7414
cg23436779	TEX14;RAD51C;TEX14;RAD51C	0.000161871	0.0286976	0.564178	-1.77249	0.413983	0.83091	-1.2035	0.0539597	0.615535	-1.6246	0.765985	1.06845	1.06845	3.27E-06	11.4773	11.4773
cg07329131	TEX14;RAD51C;TEX14;RAD51C	0.000389315	9.10E-05	0.0616439	-16.2222	0.00168169	0.16714	-5.98302	0.00136413	0.156995	-6.36962	0.0259632	0.348883	-2.86629	0.0159134	0.308438	-3.24214
cg05214530	TEX14;RAD51C;TEX14;RAD51C	0.000888214	0.101348	1.53988	1.53988	0.707116	1.09509	1.09509	0.461259	1.19782	1.19782	0.410827	0.816774	-1.22433	9.43E-06	9.97284	9.97284
cg27221688	TEX14;RAD51C;TEX14;RAD51C	0.00192856	0.322852	0.547028	-1.82806	0.0411805	0.24869	-4.02107	0.149378	0.401216	-2.49242	0.881888	1.0918	1.0918	4.61E-05	94.3365	94.3365
cg19532212	TEX14;RAD51C;TEX14;RAD51C	0.0019414	0.00230159	0.0319722	-31.2772	0.000967568	0.0188765	-52.9759	0.0040061	0.0439195	-22.769	0.104095	0.237839	-4.20452	0.00859439	0.066624	-15.0096
cg16398362	TEX14;RAD51C;TEX14;RAD51C	0.00805266	0.0124871	0.172731	-5.78934	0.00461375	0.118854	-8.41365	0.00633808	0.134251	-7.44873	0.228333	0.489497	-2.04291	0.664333	0.781388	-1.27977
cg02110529	TEX14;RAD51C;TEX14;RAD51C	0.0122174	0.00849459	0.248823	-4.01893	0.047297	0.390704	-2.55948	0.0345874	0.360469	-2.77416	0.590415	0.798516	-1.25232	0.692894	1.17865	1.17865
cg19208681	TEX14;RAD51C;TEX14;RAD51C	0.0152692	0.0298727	0.290184	-3.44609	0.00244978	0.129943	-7.69567	0.0409951	0.319235	-3.13249	0.568088	0.756268	-1.32228	0.345197	1.60112	1.60112
cg25339112	TEX14;RAD51C;TEX14;RAD51C	0.0213466	0.0107369	0.19229	-5.20047	0.275949	0.558301	-1.79115	0.0236772	0.249294	-4.01133	0.452977	0.6749	-1.4817	0.93456	0.958645	-1.04314
cg01430588	TEX14;RAD51C;TEX14;RAD51C	0.0300096	0.0166298	0.238559	-4.19184	0.331027	0.611698	-1.63479	0.0349269	0.29982	-3.33534	0.976889	0.985904	-1.0143	0.445264	1.46424	1.46424
cg08868352	TEX14;TEX14	2.12E-06	0.00130234	2.27814	2.27814	1.95E-05	4.58876	4.58876	2.46E-06	7.4528	7.4528	1.38E-05	4.93287	4.93287	1.37E-07	18.5473	18.5473
cg17283347	TEX14;TEX14	4.18E-06	0.639929	0.943904	-1.05943	0.016368	1.43271	1.43271	2.80E-05	2.74597	2.74597	0.0353528	1.35021	1.35021	4.45E-08	10.4744	10.4744
cg00929332	TEX14;TEX14	0.000283869	0.0150811	0.454144	-2.20195	0.0104462	2.34423	2.34423	0.343402	1.29428	1.29428	0.24873	1.37525	1.37525	1.13E-05	0.085098	-11.7512
cg06325249	TEX14;TEX14	0.000617405	0.687153	0.897144	-1.11465	0.210903	1.42391	1.42391	0.0649035	1.74325	1.74325	0.315297	1.32098	1.32098	7.14E-06	14.2851	14.2851
cg01109337	TEX14;TEX14	0.00105496	0.00552164	2.05372	2.05372	6.94E-05	4.19589	4.19589	0.00840601	1.94295	1.94295	0.0834488	1.45948	1.45948	0.0610259	0.659285	-1.51679
cg09324113	TEX14;TEX14	0.00170343	0.0055257	5.01684	5.01684	0.00068836	9.89538	9.89538	0.000280579	13.8326	13.8326	0.0483996	2.71134	2.71134	0.00168975	7.2747	7.2747
cg18238623	TEX14;TEX14	0.00359166	0.138086	0.85483	-1.16982	0.698728	0.962515	-1.03894	0.215756	1.13653	1.13653	0.886298	1.01415	1.01415	0.0322474	0.781655	-1.27934
cg08806120	TEX14;TEX14	0.00371608	0.35619	0.873064	-1.14539	0.144849	1.25105	1.25105	0.113142	0.781435	-1.2797	0.0422136	0.715527	-1.39757	0.00197719	0.535162	-1.86859
cg15249796	TEX14;TEX14	0.00672588	0.224746	0.780632	-1.28101	0.00438161	2.09386	2.09386	0.446025	1.16284	1.16284	0.770805	1.05837	1.05837	0.00131909	0.403509	-2.47826
cg27159088	TEX14;TEX14	0.0160456	?	?	?	?	?	?	?	?	?	0.943009	0.960727	-1.04088	0.0184838	11.1656	11.1656
cg04237338	TEX14;TEX14	0.0223913	0.810787	0.937481	-1.06669	0.319344	0.758053	-1.31917	0.619883	1.14407	1.14407	0.762593	1.08497	1.08497	0.000384675	0.217606	-4.59545
cg07584805	TEX14;TEX14	0.0249435	0.988544	0.995642	-1.00438	0.0064494	0.340397	-2.93775	0.0741049	0.545809	-1.83214	0.261859	1.42751	1.42751	0.146478	0.622407	-1.60667
cg18911472	TEX14;TEX14	0.0276107	0.727727	1.43662	1.43662	0.154284	4.85833	4.85833	0.060001	9.0193	9.0193	0.0890782	6.98448	6.98448	0.00288766	69.8858	69.8858
cg05096467	TEX14;TEX14	0.0309925	0.145849	0.719854	-1.38917	0.235489	1.29918	1.29918	0.0219298	0.560591	-1.78383	0.767974	0.939618	-1.06426	0.00726865	0.482435	-2.07282
cg05836646	TEX14;TEX14	0.0456828	0.0174742	0.816764	-1.22434	0.283363	1.08111	1.08111	0.09788	1.13547	1.13547	0.721717	1.02534	1.02534	0.13476	0.893315	-1.11943
cg25195332	TEX14;TEX14	0.045792	0.514638	0.910949	-1.09776	0.0959709	0.772553	-1.29441	0.609136	1.0755	1.0755	0.139251	1.25184	1.25184	0.285719	1.16941	1.16941
cg12778183	TEX14;TEX14;RAD51C;TEX14;TEX14;RAD51C	0.000257771	0.000142457	0.0236209	-42.3354	0.000540686	0.0463302	-21.5842	0.000697581	0.0521723	-19.1673	0.0039557	0.109345	-9.1454	0.00111207	0.0643696	-15.5353
cg04806562	TEX19	1.13E-05	1.13E-05	0.347034	-2.88156	0.00048636	0.537888	-1.85912	3.14E-06	0.285202	-3.50629	0.575543	0.937858	-1.06626	5.89E-05	0.430237	-2.3243
cg21384114	TEX19	0.0028953	0.0224689	0.708871	-1.41069	0.0736088	0.778007	-1.28534	0.000174557	0.44862	-2.22906	0.471992	0.912036	-1.09645	0.116076	0.806585	-1.2398
cg27449489	TEX19	0.0136773	0.00557051	0.199535	-5.01164	0.00833309	0.224793	-4.44853	0.0259804	0.31042	-3.22144	0.0904271	0.437859	-2.28384	0.00848086	0.22595	-4.42576
cg15602217	TEX19	0.0196044	0.375814	0.770503	-1.29785	0.233202	0.698691	-1.43125	0.0592586	0.542895	-1.84198	0.983993	1.00577	1.00577	0.00207116	0.288242	-3.46931
cg08355344	TEX2	0.000401952	4.33E-05	0.227189	-4.40163	0.224337	1.27589	1.27589	0.460861	1.15409	1.15409	0.120118	1.37968	1.37968	0.00400496	0.477966	-2.0922
cg22194188	TEX2	0.000915351	0.00821822	2.67722	2.67722	0.858426	0.949324	-1.05338	0.0406417	1.99068	1.99068	0.0948021	1.70703	1.70703	0.000132292	0.144998	-6.89663
cg21519701	TEX2	0.000989927	0.252906	1.23535	1.23535	0.00742026	1.84113	1.84113	0.0166625	0.596094	-1.67759	0.0165987	0.595836	-1.67831	0.649353	1.08438	1.08438
cg01816714	TEX2	0.0108383	0.00629904	0.447712	-2.23358	0.0316714	0.566151	-1.76631	0.167123	0.717047	-1.39461	0.716324	0.920887	-1.08591	0.0682414	1.58584	1.58584

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03323598	0.0514981	0.472951	-2.11438	0.00113045	0.198226	-5.04475	0.294793	0.692802	-1.44341	0.118283	0.563924	-1.77329	3.40406	6.15109	1.60621	1
cg01574564	0.409823	1.11133	1.11133	0.00508239	0.628884	-1.59012	8.78E-06	3.34781	3.34781	0.000941168	0.539092	-1.85497	29.0471	7.21536	0.220802	1
cg12018521	0.0119061	0.520868	-1.91987	0.00219419	0.409648	-2.44112	0.598751	0.895528	-1.11666	0.000207426	0.275107	-3.63495	22.2216	15.198	0.607938	1
cg00453193	0.171025	1.23091	1.23091	0.0380319	0.709788	-1.40887	1.05E-05	3.82836	3.82836	0.613989	0.930074	-1.07518	18.8367	6.06062	0.285996	1
cg24404329	0.00124172	0.220947	-4.52597	0.0132451	0.374478	-2.67039	0.1953	1.54997	1.54997	0.14649	0.607348	-1.6465	9.33042	15.1263	1.44105	1
cg21007449	0.559985	1.0887	1.0887	0.0599774	0.736399	-1.35796	8.36E-05	2.77505	2.77505	0.366776	1.14304	1.14304	9.09845	2.99605	0.292704	1
cg21083093	0.27102	0.798486	-1.25237	0.907524	0.977439	-1.02308	0.289636	0.805868	-1.2409	0.412205	0.848194	-1.17898	19.9986	12.2141	0.542889	1
cg21101308	0.0373447	1.43242	1.43242	0.0140342	1.56996	1.56996	0.272988	0.843939	-1.18492	0.357828	0.868809	-1.151	6.9667	2.44047	0.311382	1
cg10728469	0.582603	0.806616	-1.23975	0.0475287	0.415791	-2.40505	0.000750795	7.23951	7.23951	0.897072	1.05139	1.05139	6.93227	16.4592	2.11048	1
cg02561103	0.713086	0.852687	-1.17276	0.0332941	0.341819	-2.92552	0.554776	0.772765	-1.29405	0.392787	0.685403	-1.459	5.89349	17.3785	2.62113	1
cg12205433	0.473996	1.37997	1.37997	0.224244	0.568557	-1.75884	0.779438	0.883228	-1.13221	0.854537	1.08455	1.08455	3.85559	11.9448	2.75382	1
cg12888231	0.00590375	1.36478	1.36478	0.0125278	1.30757	1.30757	0.0625449	1.19838	1.19838	0.0862686	1.17779	1.17779	19.3575	2.28557	0.104953	1
cg01804036	0.184219	0.73523	-1.36012	0.000208982	0.258041	-3.87536	0.00340333	0.419259	-2.38516	0.0537603	0.619892	-1.61318	15.4713	11.6831	0.671238	1
cg24214659	0.178565	0.665803	-1.50195	1.38E-05	0.0754831	-13.248	0.866214	0.953144	-1.04916	0.124768	0.623147	-1.60476	13.4957	17.3137	1.14036	1
cg00874230	0.0505005	0.591437	-1.6908	0.000134008	0.21028	-4.75557	0.413295	0.821124	-1.21784	0.00395928	0.401259	-2.49216	12.6723	11.1436	0.781662	1
cg06285921	0.51189	0.858479	-1.16485	8.97E-05	0.200337	-4.99158	0.0120476	0.487616	-2.0508	0.871091	1.03795	1.03795	10.5465	8.78866	0.740731	1
cg07954572	0.968629	0.993505	-1.00654	0.000661777	2.37245	2.37245	0.865709	0.972346	-1.02844	0.0367782	1.4947	1.4947	9.24364	4.01876	0.386453	1
cg19426678	0.117581	1.34152	1.34152	4.76E-05	0.265985	-3.7596	0.644745	0.922882	-1.08356	0.427676	0.869376	-1.15025	8.57289	4.05684	0.420637	1
cg17025122	0.412766	1.14363	1.14363	0.00202015	0.497591	-2.00968	0.000695716	2.29154	2.29154	0.222382	0.814221	-1.22817	7.65196	3.11297	0.361618	1
cg07184836	0.0889604	1.40392	1.40392	0.151305	0.75724	-1.32059	0.00119135	2.36122	2.36122	0.22364	1.26013	1.26013	7.04474	3.64912	0.460437	1
cg22517925	0.215622	0.698	-1.43266	0.000472641	0.219812	-4.54935	0.187902	0.680474	-1.46956	0.0471756	0.53443	-1.87115	6.22988	7.50919	1.07142	1
cg01409207	0.0385437	0.439243	-2.27665	0.00114061	0.193539	-5.16691	0.902846	0.958948	-1.04281	0.0246646	0.399175	-2.50517	5.92356	11.0544	1.65883	1
cg01073178	0.104421	0.848029	-1.17921	0.0134813	0.752729	-1.3285	0.704329	1.03604	1.03604	0.85922	0.983648	-1.01662	5.88509	0.803848	0.121414	1
cg06750167	0.561964	0.83291	-1.20061	0.00104929	0.220494	-4.53526	0.289758	0.709913	-1.40862	0.255947	0.690898	-1.44739	5.6992	8.7756	1.36871	1
cg04964669	0.404625	1.32736	1.32736	0.00101684	0.198214	-5.04506	0.3305	0.71643	-1.39581	0.212614	0.646638	-1.54646	4.36222	7.61987	1.5527	1
cg06216677	0.18647	0.875341	-1.14241	0.0113222	0.739718	-1.35187	0.0647178	1.21803	1.21803	0.136103	1.16495	1.16495	3.69743	0.529227	0.12723	1
cg22628146	0.00286838	0.392242	-2.54945	6.75E-05	0.189248	-5.28407	0.0589362	1.62686	1.62686	0.0380288	0.577678	-1.73107	13.8002	11.3778	0.732858	1
cg05343316	0.00579328	0.61769	-1.61894	0.959832	0.99331	-1.00674	0.470813	1.10272	1.10272	0.00767558	0.633392	-1.5788	9.47352	2.66539	0.25009	1
cg00609097	0.013866	0.664077	-1.50585	0.000920862	0.513491	-1.94746	0.087268	1.28941	1.28941	0.0812072	1.29727	1.29727	6.35171	1.82338	0.255172	1
cg06773033	0.00169099	0.426091	-2.34692	0.00338473	2.13345	2.13345	0.602955	1.10494	1.10494	0.296373	0.81392	-1.22862	6.33421	3.62759	0.509066	1
cg04981758	0.0453535	1.88032	1.88032	0.0756102	1.7229	1.7229	0.303737	1.34044	1.34044	0.00246548	0.314087	-3.18383	5.70691	6.83848	1.06514	1
cg00310044	0.940334	0.981966	-1.01836	0.00102415	3.26522	3.26522	0.147016	1.45984	1.45984	0.179922	1.41372	1.41372	4.69155	4.39121	0.831984	1
cg04132845	0.668563	0.928032	-1.07755	0.0244999	0.628331	-1.59152	0.126694	1.33175	1.33175	0.81585	0.960351	-1.04129	4.6561	2.21776	0.423389	1
cg19403023	1.31E-06	0.2198	-4.54959	1.75E-06	4.29727	4.29727	0.00679387	1.53449	1.53449	0.306113	0.878661	-1.13809	58.4868	13.8049	0.209809	1
cg19534703	0.000610956	0.437226	-2.28715	0.0134001	0.618832	-1.61595	0.391855	1.14737	1.14737	0.0650647	0.722815	-1.38348	12.3941	4.82039	0.345713	1
cg01398247	0.368925	1.12947	1.12947	0.0754153	1.29841	1.29841	0.233891	0.848195	-1.17897	0.0651403	0.760952	-1.31414	8.50426	2.34433	0.245036	1
cg27561907	0.000538712	0.267628	-3.73654	0.971589	1.00876	1.00876	0.0461512	1.74983	1.74983	0.53429	0.857159	-1.16665	6.57878	6.24841	0.844252	1
cg00365411	0.0978778	1.72118	1.72118	0.635438	1.15351	1.15351	0.000160786	0.14552	-6.87189	0.297959	0.724236	-1.38076	6.5453	9.26968	1.25888	1
cg02230103	0.296513	0.81981	-1.21979	0.0124539	0.565068	-1.7697	0.990265	0.997763	-1.00224	0.0768195	0.69683	-1.43507	5.80692	3.09871	0.474332	1
cg08104780	0.0770304	1.44683	1.44683	0.00186948	2.29072	2.29072	0.978943	1.00497	1.00497	0.0257037	0.607896	-1.64502	4.96907	2.77764	0.496876	1
cg04493401	0.271074	0.764187	-1.30858	0.00418439	2.46107	2.46107	0.183826	1.39228	1.39228	0.223162	1.35044	1.35044	4.26288	3.71948	0.775581	1
cg00128195	0.774114	1.03997	1.03997	8.86E-06	0.269119	-3.71582	0.255544	0.850719	-1.17548	0.591625	1.07655	1.07655	12.4902	3.66993	0.261179	1
cg25926515	0.0904072	2.13269	2.13269	0.00686424	0.241477	-4.14118	0.146424	0.531114	-1.88284	0.0150979	3.36054	3.36054	10.3219	26.9361	2.31966	1
cg23602092	0.224215	0.676202	-1.47885	0.00904104	0.361734	-2.76446	0.00837378	0.356182	-2.80755	0.0308103	0.459694	-2.17536	9.14726	13.6048	1.32206	1
cg15254238	0.165339	1.83204	1.83204	0.0238929	0.331958	-3.01243	0.0580681	0.416266	-2.40231	0.0069979	4.16604	4.16604	9.11436	24.1632	2.35654	1
cg09183181	0.0503151	1.63143	1.63143	0.123504	1.44194	1.44194	0.175877	0.729263	-1.37125	0.00984774	0.48888	-2.04549	5.5945	4.26406	0.6775	1
cg03756448	0.129048	0.737624	-1.3557	0.553038	1.11777	1.11777	0.856965	0.96708	-1.03404	0.152334	1.32905	1.32905	5.01469	2.73393	0.484609	1
cg17817532	0.115895	0.276099	-3.62189	0.00874104	0.0808055	-12.3754	0.0285596	0.142886	-6.99861	0.0452178	0.177234	-5.64227	4.57831	41.1272	7.98495	1
cg10403849	0.0401553	2.71453	2.71453	0.162631	0.533794	-1.87338	0.215109	0.57722	-1.73244	0.0353825	2.806	2.806	3.86268	10.8501	2.49684	1
cg13848707	0.868781	0.969514	-1.03144	0.0461807	1.53381	1.53381	0.292706	0.815134	-1.22679	0.4716	1.14696	1.14696	3.86015	2.14357	0.493608	1
cg19127638	0.301079	1.84964	1.84964	0.00726776	0.137058	-7.29619	0.0334299	0.240162	-4.16386	0.839196	0.889926	-1.12369	3.84829	20.078	4.63768	1
cg09978996	0.173895	1.89299	1.89299	0.229085	0.573061	-1.74502	0.317187	0.633736	-1.57795	0.0547274	2.61482	2.61482	3.76625	11.6072	2.73946	1
cg12548760	0.796221	0.895336	-1.1169	0.0524675	0.389826	-2.56525	0.291884	1.59551	1.59551	0.112863	0.478431	-2.09017	3.57479	10.3328	2.56931	1
cg07780602	0.0317247	0.497919	-2.00836	0.000395438	0.209594	-4.77112	0.0453368	0.529501	-1.88857	0.00759114	0.386388	-2.58807	7.4557	9.05653	1.07975	1
cg22235466	0.000433992	1.58546	1.58546	4.16E-05	1.90916	1.90916	0.00526635	1.35635	1.35635	0.0316593	1.23207	1.23207	16.0117	1.74033	0.096614	1
cg08924430	0.17699	0.723686	-1.38181	0.000716605	0.313295	-3.19188	0.0558876	1.62924	1.62924	0.0145362	0.507428	-1.97072	11.1984	9.00735	0.714972	1
cg08530497	0.377429	0.618046	-1.618	0.00223073	0.102755	-9.73187	0.18396	0.472895	-2.11463	0.0236281	0.237934	-4.20284	4.99517	22.3325	3.97407	1
cg09381178	0.304804	1.23742	1.23742	0.365401	0.829918	-1.20494	0.0860207	1.46271	1.46271	0.14181	0.728588	-1.37252	4.95322	3.15247	0.565732	1
cg06795971	0.278323	0.544143	-1.83775	0.0522041	0.303582	-3.29401	0.00798371	6.2685	6.2685	0.590474	0.745815	-1.34082	4.37852	20.2089	4.10263	1
cg17862558	0.0791276	0.338429	-2.95483	0.02448	0.22547	-4.43518	0.857425	0.904884	-1.10511	0.10769	0.376929	-2.65302	4.10334	20.0752	4.34881	1
cg14330655	0.0174103	0.518804	-1.92751	0.135011	1.4408	1.4408	0.869755	1.0379	1.0379	0.0903405	1.52656	1.52656	3.50079	2.84843	0.723247	1
cg00694660	0.239491	1.14179	1.14179	0.000456655	1.81172	1.81172	0.530137	0.933829	-1.07086	0.686248	0.957225	-1.04469	8.14423	1.49475	0.163142	1
cg13808088	0.0601785	1.692	1.692	0.00282643	2.77367	2.77367	0.000218289	4.61446	4.61446	0.977036	0.992885	-1.00717	8.09197	7.88708	0.866382	1
cg17170868	0.630239	1.12734	1.12734	0.31452	1.29307	1.29307	0.085629	0.625322	-1.59918	0.140389	1.47984	1.47984	4.23745	4.09808	0.859654	1
cg07855456	0.000882109	0.29682	-3.36905	0.00154454	3.03341	3.03341	6.14E-05	0.165042	-6.05906	0.103464	1.54334	1.54334	17.3095	16.2783	0.835936	1
cg03567151	0.00393826	0.417992	-2.39239	0.609609	1.12279	1.12279	0.00166602	0.363728	-2.74931	7.77E-05	0.2002	-4.995	16.6141	13.3064	0.71192	1
cg10188253	0.00286964	0.21145	-4.72925	0.0495611	0.42794	-2.33678	0.198265	0.597454	-1.67377	0.0352127	0.394858	-2.53256	9.8129	22.3033	2.02032	1
cg27006760	0.367313	0.871057	-1.14803	0.315072	1.16749	1.16749	0.249175	1.19667	1.19667	0.0118067	0.625818	-1.59791	8.83877	3.11062	0.312826	1
cg23206289	0.00555429	0.232588	-4.29945	0.1571	0.545646	-1.83269	0.103941	0.490772	-2.03761	0.00509586	0.2272	-4.40142	6.8133	17.2946	2.25632	1
cg16135164	0.451824	0.841278	-1.18867	0.523054	0.864211	-1.15712	0.668456	0.907429	-1.10201	0.0763997	0.641167	-1.55966	6.04772	4.86928	0.715682	1
cg15586563	0.137643	0.376162	-2.65843	0.00310124	0.0841991	-11.8766	0.00924296	0.132611	-7.54087	0.150332	0.389507	-2.56735	5.7313	33.9466	5.26491	1
cg21650510	0.343212	1.22913	1.22913	0.165154	0.731394	-1.36725	0.391483	1.20382	1.20382	0.300976	0.797371	-1.25412	3.75227	2.6528	0.628431	1
cg24339194	0.0251908	0.275744	-3.62655	0.00228066	0.126851	-7.88323	0.0477761	0.334442	-2.99006	0.731677	0.846564	-1.18125	3.68708	13.6756	3.29695	1
cg26528798	0.000659089	0.381017	-2.62455	0.00865051	1.8571	1.8571	0.180332	0.768664	-1.30096	0.0292555	0.621887	-1.60801	26.0904	14.132	0.481472	1
cg08389130	0.000101121	0.176107	-5.67837	0.780417	0.931982	-1.07298	0.399402	0.804572	-1.2429	0.0248602	0.510131	-1.96028	20.5483	20.6757	0.894402	1
cg21591754	0.000816304	0.413739	-2.41698	0.546856	1.11253	1.11253	0.599063	1.09723	1.09723	0.0828045	1.39929	1.39929	17.4526	8.4551	0.430632	1
cg09354463	0.559363	0.929383	-1.07598	0.0409949	1.33986	1.33986	0.990341	1.0015	1.0015	0.146559	1.21326	1.21326	11.3349	2.76268	0.21665	1
cg13985252	0.179694	0.487822	-2.04993	0.798701	0.879214	-1.13738	0.000786871	0.0775813	-12.8897	0.0119047	0.205752	-4.86021	5.99552	24.0928	3.57198	1
cg23334264	0.0195791	0.217403	-4.59976	0.00475469	0.131578	-7.60003	0.00593589	0.142765	-7.00452	0.21242	0.491395	-2.03502	5.55356	25.7413	4.12009	1
cg21491308	0.331228	0.509216	-1.9638	0.00494749	0.0816366	-12.2494	0.027687	0.173383	-5.76758	0.0850545	0.277527	-3.60325	5.52344	39.6435	6.37984	1
cg05374396	0.00268123	0.101415	-9.86045	0.0455232	0.282339	-3.54185	0.0176929	0.203734	-4.90836	0.250279	0.515556	-1.93965	5.32965	25.669	4.28112	1
cg11594420	0.0197628	0.137864	-7.25352	0.00488433	0.0723614	-13.8195	0.040495	0.189096	-5.28831	0.0886361	0.266558	-3.75153	5.2188	40.9564	6.97588	1
cg19636240	0.530226	0.610479	-1.63806	0.00452726	0.0530798	-18.8396	0.048124	0.173218	-5.77306	0.0609357	0.194096	-5.15209	4.80216	45.818	8.481	1
cg14591419	0.0279762	0.0884158	-11.3102	0.0223263	0.0774656	-12.909	0.0489233	0.122368	-8.1721	0.171227	0.256395	-3.90023	3.5632	49.2557	12.2875	1
cg26563200	0.0020781	0.380409	-2.62875	0.00929905	0.479118	-2.08717	0.00640145	0.453376	-2.20568	0.00115739	0.344954	-2.89894	24.9138	19.6204	0.700029	1
cg19823329	0.625155	1.15212	1.15212	0.409129	1.2748	1.2748	0.451844	0.802161	-1.24663	2.61E-05	0.0912331	-10.9609	10.2164	13.3832	1.16442	1
cg21231550	0.418151	0.67557	-1.48023	0.0047832	0.169437	-5.9019	0.107973	0.435439	-2.29653	0.000874646	0.0938456	-10.6558	6.01624	21.4123	3.16363	1
cg13834896	0.0356822	1.81504	1.81504	0.990672	0.997153	-1.00285	0.220046	1.36948	1.36948	0.0393881	0.559269	-1.78805	5.83984	5.49924	0.837046	1
cg23043438	?	?	?	0.00318837	0.195912	-5.10432	0.0654118	0.461286	-2.16785	0.175475	1.69568	1.69568	9.1314	11.7962	1.29182	1
cg14388783	0.0426505	0.512136	-1.95261	0.945553	0.980608	-1.01978	0.481257	0.814434	-1.22785	0.379764	1.29479	1.29479	5.05533	6.58246	1.15741	1
cg17537844	0.214826	1.11467	1.11467	6.62E-05	1.83724	1.83724	0.624668	1.04184	1.04184	0.282649	1.09725	1.09725	76.374	8.36	0.097299	1
cg03101044	0.224386	1.23012	1.23012	0.00784251	1.73967	1.73967	0.362937	0.859213	-1.16386	0.816673	0.963017	-1.0384	9.64289	4.02188	0.37074	1
cg16642894	0.0971585	1.96366	1.96366	0.00378712	4.2542	4.2542	0.165221	1.73097	1.73097	0.525955	1.26896	1.26896	4.50213	9.79682	1.93426	1
cg07912810	0.219551	0.74925	-1.33467	0.359549	0.810063	-1.23447	0.276377	0.776337	-1.2881	0.0121713	0.497252	-2.01105	3.85135	3.04977	0.703885	1
cg00291929	0.498273	0.91406	-1.09402	0.0725485	1.29936	1.29936	0.632728	1.06495	1.06495	0.306851	1.14828	1.14828	3.63079	0.982372	0.240504	1
cg23831217	0.0023651	0.591149	-1.69162	0.0975106	0.798183	-1.25285	0.278129	1.15006	1.15006	0.733973	1.0432	1.0432	12.2078	2.97168	0.216378	1
cg07267984	0.00211738	0.435567	-2.29586	0.0864181	0.694642	-1.43959	0.126339	0.727511	-1.37455	0.249729	0.79343	-1.26035	7.75375	4.54388	0.52091	1
cg07809301	0.437694	0.870394	-1.1489	0.00172415	2.1904	2.1904	0.515652	1.12252	1.12252	0.0728213	1.42033	1.42033	4.0269	1.96074	0.432809	1
cg11913917	0.0885813	0.312159	-3.20349	0.456481	1.59997	1.59997	0.00883323	0.126713	-7.89182	0.0271934	0.197885	-5.05344	3.66746	22.3077	5.40674	1
cg20493887	0.114042	0.599413	-1.6683	0.106607	1.68968	1.68968	0.430461	1.27071	1.27071	0.0918669	0.575518	-1.73757	10.9847	15.4196	1.24776	1
cg13719062	0.266072	1.47639	1.47639	0.00206142	0.232436	-4.30225	0.831304	0.930791	-1.07435	0.92381	1.03268	1.03268	6.60925	11.831	1.59118	1
cg00695324	0.41922	1.49875	1.49875	0.00295762	0.1353	-7.39096	0.00429314	0.153757	-6.50379	0.0618943	0.356741	-2.80315	5.20178	19.8008	3.3836	1
cg10857345	0.438932	1.30719	1.30719	0.00250886	0.240657	-4.15529	0.728535	1.1255	1.1255	0.186557	0.621807	-1.60822	5.15887	9.40764	1.62096	1
cg21364342	0.162675	1.87362	1.87362	0.955045	1.02403	1.02403	0.494868	0.74677	-1.3391	0.254768	0.605966	-1.65026	3.4783	9.77673	2.49847	1
cg24099023	0.0136988	0.657597	-1.52069	0.000673675	0.48919	-2.0442	0.454024	1.11057	1.11057	0.18866	0.825711	-1.21108	25.9182	7.76118	0.266177	1
cg14066645	0.00924493	0.410352	-2.43693	0.105661	0.620901	-1.61056	0.0697269	0.578745	-1.72788	0.875414	0.958577	-1.04321	19.5351	22.4931	1.02348	1
cg23436779	0.0715604	0.639986	-1.56253	0.0184887	0.530608	-1.88463	0.371505	0.815847	-1.22572	0.202734	0.742094	-1.34754	19.4531	15.1582	0.692636	1
cg07329131	0.000270342	0.0926	-10.7991	0.000119034	0.0684504	-14.6091	0.0624242	0.433658	-2.30596	0.770984	0.890224	-1.12331	15.3141	38.4949	2.2344	1
cg05214530	0.559033	0.867455	-1.1528	0.3701	0.801313	-1.24795	0.586291	0.876127	-1.14139	0.855955	0.957214	-1.0447	12.1679	11.1608	0.815319	1
cg27221688	0.602541	0.733174	-1.36393	0.871692	1.10019	1.10019	0.0665432	0.296588	-3.37168	0.257673	0.497682	-2.00932	9.74455	53.859	4.91297	1
cg19532212	0.00163999	0.0261415	-38.2534	0.000442746	0.0113033	-88.4694	0.0476276	0.160291	-6.23867	0.405542	0.502699	-1.98926	9.72576	100.613	9.19554	1
cg16398362	0.005152	0.124031	-8.06247	0.00152343	0.0758654	-13.1812	0.051586	0.285974	-3.49683	0.0622553	0.305484	-3.27349	6.33106	32.0086	4.49405	1
cg02110529	0.00496977	0.214403	-4.66411	0.00114778	0.138191	-7.23636	0.411796	0.706451	-1.41553	0.307306	0.645574	-1.54901	5.54109	15.0479	2.41396	1
cg19208681	0.00835753	0.195619	-5.11198	0.0140225	0.230239	-4.34332	0.046933	0.332487	-3.00764	0.178078	0.50016	-1.99936	5.15029	19.1206	3.30002	1
cg25339112	0.0072025	0.167987	-5.95285	0.00203483	0.106775	-9.36551	0.30295	0.577652	-1.73115	0.414044	0.650879	-1.53638	4.60122	19.2751	3.72367	1
cg01430588	0.0163203	0.237164	-4.21649	0.00354251	0.144116	-6.93885	0.699855	0.827091	-1.20906	0.844329	0.908152	-1.10114	4.08637	15.543	3.381	1
cg08868352	0.00976793	1.77628	1.77628	0.0614359	0.690397	-1.44844	3.84E-05	4.00603	4.00603	0.285369	1.21544	1.21544	60.4846	29.6153	0.435231	1
cg17283347	0.425099	1.10496	1.10496	0.289445	1.14423	1.14423	0.00117484	1.79219	1.79219	0.300511	1.14049	1.14049	50.8266	12.0861	0.211369	1
cg00929332	0.00904088	0.416057	-2.40352	0.00180196	0.309385	-3.23222	0.94494	1.01842	1.01842	0.196364	0.696955	-1.43481	16.7007	18.4738	0.983261	1
cg06325249	0.58658	0.863113	-1.1586	0.16654	0.673373	-1.48506	0.0273187	2.01393	2.01393	0.361408	1.28599	1.28599	13.4759	15.3405	1.01188	1
cg01109337	0.0790768	0.680635	-1.46922	0.0242267	1.69914	1.69914	0.0124471	1.84722	1.84722	0.0740092	1.48126	1.48126	11.5892	7.14655	0.548138	1
cg09324113	0.0146408	3.7786	3.7786	0.0318001	3.04332	3.04332	0.035712	2.94759	2.94759	0.442319	0.707181	-1.41406	10.1019	31.2953	2.75374	1
cg18238623	0.0183135	1.32479	1.32479	0.000327073	1.7688	1.7688	0.0132889	0.739804	-1.35171	0.662114	1.04414	1.04414	8.11077	1.23957	0.135849	1
cg08806120	0.0017415	0.52804	-1.8938	0.124963	0.788547	-1.26815	0.176525	0.814229	-1.22816	0.00050845	0.459878	-2.17449	8.02835	2.60152	0.288037	1
cg15249796	0.0281093	0.604303	-1.6548	0.0519745	1.53634	1.53634	0.4757	1.15126	1.15126	0.65757	1.0905	1.0905	6.69792	4.00114	0.530995	1
cg27159088	0.0105296	0.0518486	-19.2869	?	?	?	0.040309	5.9984	5.9984	?	?	?	20.6608	36.652	1.33049	1
cg04237338	0.641862	1.13437	1.13437	0.863636	0.954783	-1.04736	0.983486	1.00559	1.00559	0.0719765	0.582381	-1.71709	4.52646	5.19406	1.01999	1
cg07584805	0.493541	0.809346	-1.23557	0.00183266	0.260111	-3.84452	0.986965	0.995042	-1.00498	0.580596	0.843857	-1.18503	4.36067	6.39156	1.30287	1
cg18911472	0.457518	2.19073	2.19073	0.334995	2.80275	2.80275	0.00263057	74.8797	74.8797	0.0997799	6.48618	6.48618	4.20847	71.6152	15.1261	1
cg05096467	0.00745995	0.484193	-2.06529	0.10608	0.68965	-1.45001	0.0951641	0.679769	-1.47109	0.2792	0.789114	-1.26724	4.03978	2.83549	0.623904	1
cg05836646	0.0190667	0.819931	-1.21961	0.222326	1.09388	1.09388	0.149465	0.897505	-1.1142	0.982042	0.998426	-1.00158	3.50568	0.271795	0.0689154	1
cg25195332	0.537153	1.09221	1.09221	0.607037	0.929393	-1.07597	0.00409508	0.580606	-1.72234	0.0524243	0.732477	-1.36523	3.50254	1.10515	0.280469	1
cg12778183	0.000371808	0.0386979	-25.8412	6.89E-05	0.0157016	-63.6878	0.0101738	0.157134	-6.36398	0.257955	0.509631	-1.96221	17.1463	88.5481	4.59046	1
cg04806562	0.00507469	0.656956	-1.52217	1.25E-05	0.35204	-2.84059	1.73E-05	0.368469	-2.71393	0.000157916	0.480053	-2.08115	39.2758	8.00101	0.181079	1
cg21384114	0.723138	1.04578	1.04578	0.00731133	1.54539	1.54539	0.939478	1.0096	1.0096	0.0300051	0.725228	-1.37888	8.64882	2.16967	0.222989	1
cg27449489	0.0208942	0.292158	-3.42281	0.00474687	0.190136	-5.2594	0.039887	0.34942	-2.86189	0.111614	0.464389	-2.15337	5.34062	16.5735	2.75848	1
cg15602217	0.0202801	0.448097	-2.23166	0.176571	0.662274	-1.50995	0.00267278	0.303904	-3.29051	0.183919	0.667413	-1.49832	4.73658	6.17224	1.15831	1
cg08355344	0.00169793	0.424949	-2.35322	0.00467904	2.04978	2.04978	0.35065	0.832458	-1.20126	0.0928023	1.42337	1.42337	15.1798	8.76008	0.512967	1
cg22194188	0.318584	0.74064	-1.35018	0.10545	0.597386	-1.67396	0.000811229	0.229662	-4.35423	0.670352	1.13282	1.13282	12.0649	16.2104	1.19431	1
cg21519701	0.000695481	2.49866	2.49866	0.00170969	2.20905	2.20905	0.00341004	2.02248	2.02248	0.0977132	0.725008	-1.37929	11.8004	5.85421	0.440982	1
cg01816714	0.00487642	2.32284	2.32284	0.154994	1.41019	1.41019	0.481175	0.85069	-1.17552	0.180757	0.725456	-1.37844	5.75992	4.65299	0.718064	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10698920	TEX2	0.0346352	0.0314391	0.362709	-2.75703	0.603541	1.23436	1.23436	0.69617	0.854098	-1.17083	0.207066	0.585834	-1.70697	0.0160192	0.3058	-3.27011	0.265065	0.627017	-1.59485	0.00319808	0.198405	-5.04018	0.0325322	0.365829	-2.73352	0.128919	0.517147	-1.93369	3.88181	9.92916	2.27366	1
cg01708812	TEX261	0.00153315	0.0680903	0.470993	-2.12317	0.271722	1.52445	1.52445	0.000749331	6.58414	6.58414	0.0063937	3.69714	3.69714	0.113279	0.529884	-1.8872	0.692276	0.863648	-1.15788	0.13022	0.547543	-1.82634	0.000356515	8.26448	8.26448	0.39904	0.72748	-1.37461	10.4138	22.3981	1.91183	1
cg04736911	TEX261	0.025898	0.010168	0.10841	-9.22427	0.0418322	0.200286	-4.99287	0.0940856	0.283143	-3.53179	0.599949	0.695749	-1.4373	0.0137565	0.123966	-8.06673	0.0211283	0.149474	-6.69013	0.00652629	0.088675	-11.2771	0.0909545	0.279042	-3.5837	0.0328023	0.180558	-5.53838	4.30398	32.0297	6.61501	1
cg20863949	TEX261	0.0275105	0.34501	1.33405	1.33405	0.00860782	2.69898	2.69898	0.0123067	2.51884	2.51884	0.316732	1.35896	1.35896	0.805833	0.929619	-1.07571	0.0180604	0.42696	-2.34214	0.131381	1.62038	1.62038	0.200134	1.49341	1.49341	0.87212	0.953384	-1.0489	4.21385	5.86065	1.23627	1
cg23731591	TEX261	0.0317121	?	?	?	?	?	?	0.569441	0.809421	-1.23545	0.986215	1.00637	1.00637	0.0188962	0.351474	-2.84516	?	?	?	0.0365624	0.409237	-2.44357	0.0111537	0.310414	-3.22151	?	?	?	4.40847	5.24591	1.90394	1
cg13320002	TEX261	0.0398408	0.203379	1.49615	1.49615	0.0253524	2.2203	2.2203	0.505542	1.22473	1.22473	0.309479	1.37109	1.37109	0.0357337	0.480307	-2.082	0.0629947	0.533859	-1.87315	0.0357683	0.480394	-2.08163	0.218557	0.678183	-1.47453	0.750528	0.908719	-1.10045	3.68855	5.26045	1.26769	1
cg05409038	TEX261;TEX261	0.0305488	0.969574	0.996913	-1.0031	0.00852249	1.31277	1.31277	0.292728	1.09252	1.09252	0.647289	0.963345	-1.03805	0.231422	1.10711	1.10711	0.19914	1.11626	1.11626	0.373373	0.9286	-1.07689	0.664567	1.036	1.036	0.00173171	1.43655	1.43655	4.06058	0.422609	0.0925121	1
cg11279488	TEX264;TEX264;TEX264	0.000659602	0.00048812	0.108375	-9.22723	0.0200653	0.319579	-3.12912	0.000583265	0.115067	-8.69055	0.00873514	3.89043	3.89043	?	?	?	0.0599972	2.36986	2.36986	0.628819	0.820311	-1.21905	0.0225014	0.329108	-3.03851	0.00322633	0.195127	-5.12486	13.5486	31.5399	2.32791	1
cg11890639	TEX264;TEX264;TEX264	0.000899367	0.0190508	0.45891	-2.17908	0.0302387	0.496964	-2.01222	0.183301	0.678765	-1.47326	0.538778	1.18625	1.18625	7.88E-05	0.140966	-7.09391	0.0309833	2.00385	2.00385	0.0141568	0.435695	-2.29518	0.956104	1.01522	1.01522	0.00052668	0.227096	-4.40343	12.1251	14.4639	1.06034	1
cg03019000	TEX264;TEX264;TEX264	0.0178333	0.357868	0.783958	-1.27558	0.0737257	1.67059	1.67059	0.0369195	0.535873	-1.86611	0.146776	1.49315	1.49315	0.00332888	0.35744	-2.79767	0.347091	0.779399	-1.28304	0.015391	0.465094	-2.1501	0.680131	1.11262	1.11262	0.137036	0.662123	-1.51029	4.8904	5.13255	0.932903	1
cg26069719	TEX264;TEX264;TEX264	0.0230235	0.00427501	0.280239	-3.56838	0.0909025	0.538021	-1.85866	0.374415	0.738273	-1.35451	0.0529139	0.480859	-2.07961	0.00409798	0.277524	-3.60329	0.0596799	0.492973	-2.02851	0.0135582	0.361756	-2.76429	0.910351	1.0382	1.0382	0.182415	0.624391	-1.60156	4.48328	7.86545	1.55947	1
ch.3.1121988R	TEX264;TEX264;TEX264	0.0250335	0.0186914	0.364401	-2.74423	0.00702492	0.291005	-3.43637	0.00228643	0.220794	-4.52911	0.0410589	0.433888	-2.30474	0.111607	0.541315	-1.84735	0.276058	0.669445	-1.49377	0.0762106	0.497204	-2.01125	0.159822	0.58744	-1.7023	0.734784	0.886536	-1.12799	4.3552	8.65311	1.76608	1
cg16562533	TEX28;TKTL1;TKTL1	1.46E-06	0.745146	1.0449	1.0449	0.177021	0.824305	-1.21314	0.0280277	0.705068	-1.4183	2.35E-06	0.21286	-4.69793	1.56E-06	0.195371	-5.11846	0.0106356	0.648883	-1.54111	0.0252363	1.4309	1.4309	7.19E-08	0.0881996	-11.3379	0.0138566	0.663996	-1.50603	66.5898	19.1218	0.255252	1
cg09892236	TEX28;TKTL1;TKTL1	3.13E-05	0.1756	0.723972	-1.38127	0.0272258	1.797	1.797	0.917952	1.02338	1.02338	0.2283	0.753077	-1.32789	0.00711084	0.458493	-2.18106	2.04E-05	0.144937	-6.89957	0.947792	0.985421	-1.01479	9.60E-07	0.0551747	-18.1242	0.012539	0.498359	-2.00659	30.1253	23.9979	0.708091	1
cg27151828	TEX28;TKTL1;TKTL1	0.000241745	0.125547	1.64513	1.64513	0.0260953	0.452603	-2.20944	0.0301764	0.465123	-2.14997	0.777595	0.918483	-1.08875	0.000303988	0.171621	-5.8268	0.714143	1.1168	1.1168	0.734961	1.10742	1.10742	6.05E-06	0.0475793	-21.0175	0.101537	0.58373	-1.71312	17.4488	24.918	1.26939	1
cg07356189	TEX28;TKTL1;TKTL1	0.00160955	0.276037	1.49765	1.49765	0.182991	1.6548	1.6548	0.8687	0.94273	-1.06075	0.00921528	0.307789	-3.24898	0.00203948	0.212269	-4.711	0.921099	1.03595	1.03595	0.406329	1.35366	1.35366	7.48E-05	0.0770361	-12.9809	0.221066	0.632203	-1.58177	10.2688	20.6652	1.78882	1
cg03027462	TEX28;TKTL1;TKTL1	0.0226396	0.0141798	0.152089	-6.57511	0.0962326	0.320874	-3.11649	0.0675538	0.279561	-3.57704	0.382374	0.572636	-1.74631	0.214087	0.443058	-2.25704	0.039385	0.226918	-4.40688	0.0235876	0.185931	-5.37835	0.00171222	0.0616588	-16.2183	0.0218807	0.180542	-5.53889	4.50932	27.659	5.45222	1
cg23106779	TEX28;TKTL1;TKTL1	0.0243279	0.480899	0.61749	-1.61946	0.895241	0.915172	-1.09269	0.152503	0.356592	-2.80432	0.430452	1.71856	1.71856	0.74013	0.799339	-1.25103	0.00588659	0.0884883	-11.3009	0.417248	0.572457	-1.74686	0.00140486	0.0445035	-22.4702	0.0683263	0.253274	-3.94829	4.39867	31.5407	6.3738	1
cg08689075	TEX28;TKTL1;TKTL1	0.0388116	0.0261953	0.0288871	-34.6175	0.296571	0.233557	-4.2816	0.0616898	0.0591284	-16.9124	0.459195	2.75315	2.75315	0.166731	0.137914	-7.25089	0.0353595	0.0371528	-26.9159	0.0174118	0.0204356	-48.9343	0.00833497	0.0107713	-92.8391	0.0829096	0.0757552	-13.2004	3.72419	106.508	25.4214	1
cg27436891	TEX28;TKTL1;TKTL1;TKTL1;TKTL1	0.000136211	0.507657	1.19592	1.19592	0.151346	1.50571	1.50571	0.000666706	0.249963	-4.00059	0.00053029	0.237796	-4.20528	0.000183756	0.185855	-5.38054	0.88017	1.04097	1.04097	0.236335	1.3914	1.3914	1.27E-05	0.08692	-11.5048	0.305071	0.753734	-1.32673	20.3793	22.8714	0.997587	1
cg00219578	TEX9	0.000212202	0.257493	0.909044	-1.10006	1.94E-05	2.01255	2.01255	3.23E-05	1.92002	1.92002	0.234385	0.9043	-1.10583	0.00256225	1.40148	1.40148	0.109063	1.15145	1.15145	0.0742916	1.17409	1.17409	0.360541	1.07881	1.07881	0.47383	1.06055	1.06055	18.0783	1.86464	0.091682	1
cg26660547	TEX9	0.0367483	0.813195	0.971496	-1.02934	0.486852	0.917317	-1.09014	0.661203	1.05535	1.05535	0.602981	0.937909	-1.0662	0.304046	0.878065	-1.13887	0.0532379	0.764698	-1.30771	0.000736976	0.534524	-1.87082	0.136711	0.82214	-1.21634	0.858554	0.978444	-1.02203	3.7993	0.897948	0.210085	1
cg11854917	TEX9	0.0369218	0.294408	2.52778	2.52778	?	?	?	0.404441	0.483139	-2.0698	0.114079	4.331	4.331	0.559516	1.65403	1.65403	0.305655	2.47066	2.47066	0.0535882	6.48332	6.48332	?	?	?	0.00660461	0.0494331	-20.2294	3.92966	35.1997	10.2371	1
cg02621528	TF	0.0413982	0.384508	1.50398	1.50398	0.0038637	5.93912	5.93912	0.0134537	4.05767	4.05767	0.273159	1.6854	1.6854	0.159508	1.98987	1.98987	0.237423	1.76212	1.76212	0.0238919	3.43393	3.43393	0.033963	3.10511	3.10511	0.0945368	2.31909	2.31909	3.63671	12.067	2.94944	1
cg15233114	TFAM	0.0020996	0.611446	1.1524	1.1524	0.124836	1.58411	1.58411	0.0820898	1.70465	1.70465	0.520275	0.834901	-1.19775	0.648644	0.880722	-1.13543	0.00781048	0.388507	-2.57396	8.53E-05	0.141643	-7.05999	0.466377	1.2278	1.2278	0.0685534	1.75859	1.75859	9.50619	11.5416	1.07921	1
cg05831083	TFAM	0.0104556	0.127186	0.535733	-1.8666	0.336633	0.687404	-1.45475	0.0315501	0.385207	-2.59601	0.110512	0.517885	-1.93093	0.1907	0.591994	-1.68921	0.00123865	0.167591	-5.96692	0.0009029	0.152741	-6.54703	0.57339	0.806328	-1.24019	0.0258498	0.367473	-2.72129	5.82686	13.211	2.01534	1
cg17133967	TFAM	0.028794	0.123572	0.708598	-1.41124	0.00197488	0.40543	-2.46652	0.0185832	0.554678	-1.80285	0.567815	0.88759	-1.12665	0.368501	0.826337	-1.21016	0.855937	1.03824	1.03824	0.294419	0.798854	-1.25179	0.128881	1.40341	1.40341	0.404269	1.19273	1.19273	4.14667	2.80093	0.600413	1
cg04094633	TFAM	0.0343278	0.133856	0.512726	-1.95036	0.00279129	0.182169	-5.48941	0.0693068	0.431879	-2.31546	0.115199	0.492797	-2.02923	0.01459	0.288568	-3.46538	0.187631	0.561601	-1.78062	0.0396099	0.37409	-2.67315	0.0552728	0.407482	-2.4541	0.0394232	0.373636	-2.6764	3.89434	10.5294	2.40336	1
cg10028578	TFAM	0.0350482	0.510281	0.8735	-1.14482	0.399197	1.19099	1.19099	0.280198	0.796659	-1.25524	0.0151037	0.546259	-1.83063	0.192835	0.756462	-1.32194	0.978095	1.00558	1.00558	0.0547213	1.5547	1.5547	0.0246839	1.71891	1.71891	0.0623708	1.5293	1.5293	3.8652	2.51055	0.577356	1
cg00631272	TFAMP1	0.00803655	0.0578216	0.570509	-1.75282	0.0298356	0.51228	-1.95206	0.0125701	0.443903	-2.25274	0.0297648	0.512081	-1.95282	0.000913459	0.273319	-3.65873	0.634947	1.13332	1.13332	0.511886	0.840235	-1.19014	0.0207343	0.482565	-2.07226	0.00377389	0.359598	-2.78089	6.33505	6.86989	0.963933	1
cg10476682	TFAMP1	0.039991	0.302244	0.782914	-1.27728	0.940573	1.01722	1.01722	0.607029	0.887986	-1.12614	0.0128959	0.493141	-2.02782	0.253296	0.76093	-1.31418	0.0729251	0.632505	-1.58102	0.00143287	0.347931	-2.87413	0.502526	0.855702	-1.16863	0.504337	0.856284	-1.16784	3.68344	3.05915	0.738235	1
cg18732032	TFAP2A	7.89E-07	0.0270485	1.23285	1.23285	0.551111	1.04941	1.04941	5.44E-05	1.82463	1.82463	0.576584	0.955889	-1.04615	0.114944	0.871898	-1.14692	2.09E-06	2.54337	2.54337	0.00140955	0.690945	-1.44729	2.08E-08	5.41213	5.41213	0.0101215	1.29622	1.29622	77.8911	7.8898	0.0900379	1
cg24286789	TFAP2A	3.53E-06	9.16E-06	0.305189	-3.27666	0.460256	1.09746	1.09746	0.0353047	0.738426	-1.35423	0.0325856	0.733881	-1.36262	9.36E-05	0.422399	-2.36743	0.000176496	0.455388	-2.19593	6.52E-08	0.104482	-9.57106	0.621416	0.940279	-1.06351	0.0459378	0.753525	-1.3271	53.0732	12.8627	0.215429	1
cg27152208	TFAP2A	1.62E-05	0.000246716	0.329943	-3.03083	0.00101599	0.409559	-2.44165	3.51E-06	0.135862	-7.36041	0.000253263	0.331359	-3.01788	9.25E-05	0.278599	-3.58938	0.000554887	0.374785	-2.6682	3.02E-06	0.130512	-7.66216	0.232698	0.79516	-1.25761	6.87E-05	0.26369	-3.79234	35.766	19.0022	0.47226	1
cg02162880	TFAP2A	2.65E-05	0.49172	1.09586	1.09586	0.865133	0.977964	-1.02253	0.147578	1.2259	1.2259	0.287158	0.865134	-1.15589	0.643838	0.940797	-1.06293	5.57E-07	6.15374	6.15374	0.822734	1.02985	1.02985	2.02E-05	3.09534	3.09534	0.388667	1.12278	1.12278	31.4596	8.56118	0.241895	1
cg09774917	TFAP2A	6.00E-05	0.000660717	0.460363	-2.1722	0.00538666	0.579873	-1.72452	0.0200665	0.658865	-1.51776	0.0749542	0.744553	-1.34309	0.0433153	0.707736	-1.41296	0.419232	0.88448	-1.13061	0.000832551	0.473229	-2.11314	3.88E-06	4.95282	4.95282	0.830115	1.03247	1.03247	25.3648	8.88679	0.311431	1
cg17557766	TFAP2A	7.84E-05	0.00486677	0.55229	-1.81064	4.33E-05	0.290967	-3.43681	0.00015426	0.356568	-2.80451	0.163059	0.789165	-1.26716	0.000810262	0.447799	-2.23314	0.0124381	0.609767	-1.63997	6.80E-06	0.204386	-4.8927	0.319515	1.17774	1.17774	0.954962	0.991058	-1.00902	23.6288	9.46479	0.356054	1
cg07492757	TFAP2A	0.000147046	0.381304	0.867155	-1.1532	0.0381058	0.682791	-1.46458	0.0435112	1.44554	1.44554	0.464221	0.888476	-1.12552	0.295347	0.84176	-1.18799	0.753972	0.951319	-1.05117	0.0296419	0.66604	-1.50141	3.85E-06	5.5253	5.5253	0.00154207	2.06072	2.06072	19.9636	7.96666	0.354719	1
cg17697633	TFAP2A	0.00139442	0.0713872	2.37343	2.37343	0.0327476	2.9221	2.9221	5.13E-05	25.9099	25.9099	0.511552	0.751425	-1.3308	0.789946	0.891722	-1.12143	?	?	?	?	?	?	0.00611525	4.64544	4.64544	0.237537	1.70086	1.70086	11.2668	25.5715	2.59386	1
cg03018478	TFAP2A	0.00223362	0.031013	0.636592	-1.57087	0.000231241	0.336153	-2.97484	0.00425693	0.505476	-1.97833	0.596738	1.09992	1.09992	0.0197108	0.605094	-1.65263	0.244803	0.804924	-1.24235	0.00709182	0.537674	-1.85986	0.110467	1.36375	1.36375	0.00578589	0.524733	-1.90573	9.33575	4.70385	0.447869	1
cg26149682	TFAP2A	0.0053963	0.00183641	0.262326	-3.81205	0.00487108	0.323452	-3.09165	0.0128523	0.392883	-2.54528	0.189821	0.657085	-1.52187	0.213833	0.673134	-1.48559	0.0393338	0.486289	-2.05639	0.00043635	0.186192	-5.3708	0.0326642	0.469579	-2.12957	0.200381	0.664301	-1.50534	7.16931	10.3834	1.28739	1
cg00405198	TFAP2A	0.0056632	0.855327	0.957539	-1.04434	0.0835176	0.634201	-1.57679	0.750344	1.07884	1.07884	0.130227	1.47484	1.47484	0.347078	0.794396	-1.25882	?	?	?	0.0532464	0.593298	-1.68549	0.000249356	4.20798	4.20798	0.385274	1.23567	1.23567	7.21358	5.73939	0.795637	1
cg18240331	TFAP2A	0.00683706	0.0934436	1.90229	1.90229	0.000322479	0.0929709	-10.756	0.807685	1.08559	1.08559	0.0433926	2.2789	2.2789	0.699148	0.877297	-1.13986	0.0650641	2.07025	2.07025	0.926268	1.03164	1.03164	0.1436	1.72098	1.72098	0.944752	1.0236	1.0236	9.23231	15.7685	1.13865	1
cg00906973	TFAP2A	0.0076	0.470385	1.10131	1.10131	0.0824455	1.2876	1.2876	0.0307359	1.3958	1.3958	0.556184	1.08136	1.08136	0.525212	1.08828	1.08828	0.0179347	1.45933	1.45933	0.0464954	0.74109	-1.34936	0.000594962	2.0069	2.0069	0.0142678	1.48758	1.48758	6.44719	1.76321	0.243098	1
cg03009363	TFAP2A	0.00772963	0.384417	0.845441	-1.18281	0.611619	1.1012	1.1012	0.0307697	0.620255	-1.61224	0.495156	0.877742	-1.13929	0.163019	0.755532	-1.32357	0.535836	0.888665	-1.12528	0.178927	0.764285	-1.30841	0.00032119	2.99206	2.99206	0.123198	0.730236	-1.36942	6.41307	3.59998	0.498978	1
cg11079583	TFAP2A	0.0123718	0.802935	1.02131	1.02131	0.056981	0.833892	-1.1992	0.584821	0.954536	-1.04763	0.727406	0.970918	-1.02995	0.0217643	0.792738	-1.26145	0.0626243	0.838031	-1.19327	0.00136854	0.675873	-1.47957	0.0176832	1.2755	1.2755	0.925926	0.992188	-1.00787	5.51852	0.621648	0.100131	1
cg14683017	TFAP2A	0.0164219	0.912379	0.944818	-1.05841	0.0936012	2.58811	2.58811	0.572463	0.745187	-1.34195	0.142203	0.443241	-2.25611	0.00636196	0.160178	-6.24306	0.338756	0.601397	-1.6628	0.00153571	0.0953121	-10.4918	0.870051	1.0881	1.0881	0.0477281	0.311152	-3.21387	5.02723	21.1734	3.74376	1
cg17673897	TFAP2A	0.0415742	0.018427	0.297322	-3.36336	0.02111	0.308362	-3.24294	0.0823363	0.442015	-2.26237	0.197755	0.56128	-1.78164	0.0321262	0.344786	-2.90035	0.00684762	0.226335	-4.41824	0.838409	0.917022	-1.09049	0.100976	0.466735	-2.14254	0.0583404	0.403525	-2.47816	3.63101	10.3493	2.53356	1
cg01158822	TFAP2A;TFAP2A	3.36E-06	0.072343	1.4263	1.4263	0.669109	0.9267	-1.0791	1.78E-06	8.24614	8.24614	0.364541	1.17938	1.17938	0.464067	0.876381	-1.14106	0.00454095	1.95312	1.95312	0.0460787	1.49891	1.49891	7.84E-08	23.5167	23.5167	0.00093714	2.39693	2.39693	53.7623	26.6969	0.441398	1
cg27283345	TFAP2A;TFAP2A	1.00E-05	4.19E-05	0.269613	-3.70902	0.000153095	0.335792	-2.97803	0.000394887	0.387244	-2.58235	0.00287964	0.502038	-1.99188	0.00484542	1.87397	1.87397	0.00184953	0.475681	-2.10225	9.11E-05	0.308631	-3.24012	8.25E-06	5.13177	5.13177	0.00227359	0.487913	-2.04954	40.5529	18.1503	0.397842	1
cg14009588	TFAP2A;TFAP2A	4.52E-05	0.000456673	0.246644	-4.05443	0.317036	1.29989	1.29989	0.0435594	1.80121	1.80121	0.937851	0.980421	-1.01997	0.714702	0.911108	-1.09756	0.982205	1.00567	1.00567	0.907267	0.970884	-1.02999	7.56E-07	29.3427	29.3427	0.535488	1.17248	1.17248	27.3388	27.8399	0.905182	1
cg10899301	TFAP2A;TFAP2A	0.000140721	0.00104843	0.322493	-3.10084	0.011159	0.476032	-2.1007	0.0187179	0.514319	-1.94432	0.0584475	0.607167	-1.64699	0.229354	0.745016	-1.34225	0.0230466	0.530322	-1.88565	0.000139296	0.215308	-4.64451	2.77E-05	6.86686	6.86686	0.101405	0.658005	-1.51975	20.2014	17.4235	0.766656	1
cg13373589	TFAP2A;TFAP2A	0.000228507	0.0203696	0.558662	-1.78999	0.000867317	0.353174	-2.83147	0.638192	0.906076	-1.10366	0.284771	0.793436	-1.26034	0.00360273	0.440122	-2.2721	0.696641	0.921652	-1.08501	4.95E-05	0.204624	-4.88701	0.000195676	3.68552	3.68552	0.0867346	0.674372	-1.48286	17.7183	12.1694	0.610509	1
cg14909730	TFAP2A;TFAP2A	0.000230655	0.670466	1.25594	1.25594	0.00766405	6.20095	6.20095	0.000204079	27.5073	27.5073	0.83583	0.895406	-1.11681	0.0542947	3.19863	3.19863	0.987584	0.991749	-1.00832	0.00233826	9.60171	9.60171	7.26E-06	194.208	194.208	0.00776361	6.17275	6.17275	17.6733	79.3416	3.99053	1
cg08744264	TFAP2A;TFAP2A	0.00026477	0.90794	1.01156	1.01156	0.0920616	0.831778	-1.20224	0.000231823	1.83466	1.83466	0.000746699	0.601551	-1.66237	0.030313	0.776538	-1.28777	0.000673652	1.67611	1.67611	0.19974	0.874104	-1.14403	0.000534143	1.70802	1.70802	0.413634	1.08655	1.08655	17.0214	2.65948	0.138883	1
cg16871519	TFAP2A;TFAP2A	0.000464966	0.717744	1.15207	1.15207	0.0113278	3.60156	3.60156	?	?	?	0.335341	0.677732	-1.47551	0.00139381	0.146716	-6.81589	0.161677	0.555249	-1.80099	0.00687421	0.241173	-4.1464	6.00E-05	24.7985	24.7985	0.0965418	0.486041	-2.05744	18.5804	38.8905	1.83145	1
cg23535596	TFAP2A;TFAP2A	0.000880031	0.0786693	0.629166	-1.58941	0.0624312	0.608016	-1.64469	0.662071	1.10998	1.10998	0.293134	0.77202	-1.2953	0.270187	0.76155	-1.31311	0.0930034	0.645029	-1.55032	0.000608312	0.285533	-3.50222	7.46E-05	5.51196	5.51196	0.228699	0.741022	-1.34949	12.1998	10.8764	0.792464	1
cg16226962	TFAP2A;TFAP2A	0.0015856	0.181074	1.65372	1.65372	0.267073	1.50621	1.50621	0.000991202	5.65985	5.65985	0.561657	1.23107	1.23107	0.0249235	2.57392	2.57392	0.840393	1.07405	1.07405	0.00462373	3.79956	3.79956	6.91E-05	13.1428	13.1428	0.0060109	3.5668	3.5668	10.3133	20.4983	1.76672	1
cg17201307	TFAP2A;TFAP2A	0.00190123	0.488248	0.892173	-1.12086	0.948355	1.01055	1.01055	0.00486631	1.83107	1.83107	0.884081	1.02392	1.02392	0.018707	0.630184	-1.58684	0.0720476	0.722275	-1.38451	0.561629	0.909288	-1.09976	0.000131854	2.92934	2.92934	0.0336131	1.49504	1.49504	9.78507	4.0689	0.369624	1
cg24902920	TFAP2A;TFAP2A	0.00340898	0.0107937	0.312892	-3.19599	0.00114001	0.176227	-5.67451	0.0130042	0.326882	-3.05921	0.144452	0.566217	-1.76611	0.0027862	0.22408	-4.4627	0.171431	0.589615	-1.69602	0.00700459	0.282182	-3.54381	0.030606	2.5135	2.5135	0.0403291	0.423432	-2.36165	8.23847	17.1762	1.85322	1
cg06880667	TFAP2A;TFAP2A	0.00362069	0.00101156	0.361421	-2.76686	0.00109003	0.365819	-2.73359	0.0046303	0.455626	-2.19478	0.458805	0.85436	-1.17047	0.00484571	0.458599	-2.18056	0.0749456	0.661106	-1.51262	0.00735232	0.486312	-2.05629	0.551067	1.13412	1.13412	0.109825	0.69509	-1.43866	8.09123	5.57965	0.612971	1
cg19177722	TFAP2A;TFAP2A	0.00481919	0.163432	1.17403	1.17403	0.284499	0.886985	-1.12741	0.285422	1.12714	1.12714	0.924206	1.01032	1.01032	0.202588	1.15617	1.15617	0.856154	0.980617	-1.01977	0.000239865	0.519044	-1.92662	0.0060253	1.47262	1.47262	0.741696	0.96495	-1.03632	7.42148	1.36766	0.163808	1
cg11587224	TFAP2A;TFAP2A	0.00630825	0.539672	0.862228	-1.15979	0.257511	0.7542	-1.32591	0.87222	0.962301	-1.03918	0.310894	0.778565	-1.28441	0.495756	0.84779	-1.17954	0.706737	1.09443	1.09443	0.00555985	0.419132	-2.38589	0.000371499	3.89518	3.89518	0.124692	1.4871	1.4871	6.8325	6.16736	0.802356	1
cg22836400	TFAP2A;TFAP2A	0.00766636	0.872562	1.11461	1.11461	0.890999	1.09711	1.09711	0.487303	1.61302	1.61302	?	?	?	?	?	?	0.359335	0.527462	-1.89587	0.0442224	4.93633	4.93633	0.000250171	85.0568	85.0568	0.506417	1.57873	1.57873	7.67502	42.2743	5.50804	1
cg13298147	TFAP2A;TFAP2A	0.00801257	0.0210471	0.160227	-6.24114	0.00538353	0.0891109	-11.222	0.0277271	0.179615	-5.56745	0.613881	0.714837	-1.39892	0.0198793	0.156461	-6.39137	0.120368	0.329006	-3.03945	0.00200115	0.0562364	-17.7821	0.108765	3.17151	3.17151	0.0164924	0.144693	-6.91117	6.34101	43.7259	6.12953	1
cg24869601	TFAP2A;TFAP2A	0.00832191	0.048097	4.58389	4.58389	0.0111466	8.53478	8.53478	0.019145	6.75733	6.75733	0.144659	2.87452	2.87452	0.788004	1.19919	1.19919	0.925428	0.938856	-1.06513	0.273668	0.464071	-2.15484	0.000344331	48.5512	48.5512	0.404415	1.77706	1.77706	6.26577	45.0731	6.39426	1
cg11063729	TFAP2A;TFAP2A	0.0439351	0.711978	1.31169	1.31169	0.341109	2.04975	2.04975	0.0688404	4.43623	4.43623	0.617839	1.44485	1.44485	0.498731	0.605049	-1.65276	0.797074	1.20747	1.20747	0.0713148	4.36536	4.36536	0.00125594	31.3835	31.3835	0.143988	3.15334	3.15334	3.55723	30.1572	7.53575	1
cg13830081	TFAP2A;TFAP2A;TFAP2A	3.09E-05	0.843079	1.04154	1.04154	0.0195586	0.560201	-1.78507	0.51788	1.14412	1.14412	0.280558	1.25905	1.25905	0.942663	1.01488	1.01488	0.305471	1.2435	1.2435	0.215484	0.765101	-1.30702	2.95E-07	21.977	21.977	0.0314048	1.67936	1.67936	30.2311	20.1951	0.593798	1
cg20777920	TFAP2A;TFAP2A;TFAP2A	3.38E-05	0.247551	0.769664	-1.29927	0.479999	0.856002	-1.16822	0.105957	0.682237	-1.46577	0.0932631	0.670445	-1.49155	0.0112208	0.50257	-1.98977	0.571931	1.13166	1.13166	0.155875	0.7198	-1.38927	4.37E-07	22.1514	22.1514	0.951565	1.01324	1.01324	29.524	21.9274	0.660175	1
cg02376553	TFAP2A;TFAP2A;TFAP2A	3.53E-05	0.403316	0.904709	-1.10533	0.00104595	1.76485	1.76485	0.51028	1.08134	1.08134	0.400559	0.904151	-1.10601	0.183163	0.847568	-1.17985	0.0363662	0.752105	-1.3296	1.03E-06	4.47932	4.47932	0.000110504	2.21807	2.21807	0.0537264	1.29239	1.29239	29.1918	6.3393	0.193031	1
cg09288780	TFAP2A;TFAP2A;TFAP2A	4.34E-05	0.00177736	0.257499	-3.88351	0.194688	1.5194	1.5194	0.0780575	1.81669	1.81669	0.000179115	0.144445	-6.92306	8.15E-07	0.0178847	-55.9137	0.221797	0.67599	-1.47931	0.0979177	0.574853	-1.73958	0.0759365	0.547569	-1.82625	0.441526	0.78717	-1.27037	27.6358	40.6981	1.30903	1
cg12659952	TFAP2A;TFAP2A;TFAP2A	9.51E-05	0.00553789	1.93292	1.93292	0.00055849	2.63217	2.63217	0.0811019	1.41857	1.41857	0.000365658	0.356215	-2.8073	0.000540761	0.378091	-2.64486	0.0858267	1.40951	1.40951	0.000158815	0.311166	-3.21372	0.00226356	2.1649	2.1649	0.951994	0.989174	-1.01094	22.4403	11.6174	0.460182	1
cg10238972	TFAP2A;TFAP2A;TFAP2A	0.000195732	9.70E-05	0.106208	-9.41548	0.000977955	0.20463	-4.88688	0.162411	0.617199	-1.62022	0.00151232	0.227973	-4.38648	8.55E-05	0.101988	-9.80511	0.0522524	0.489536	-2.04275	0.88274	0.953369	-1.04891	0.00604038	3.19115	3.19115	0.00111029	0.211261	-4.73349	18.4789	30.6371	1.47373	1
cg03719083	TFAP2A;TFAP2A;TFAP2A	0.00034748	0.540251	1.20854	1.20854	0.158709	0.631129	-1.58446	0.082253	0.555368	-1.80061	0.0519667	1.965	1.965	0.422597	0.778612	-1.28434	0.734576	0.901258	-1.10956	0.0137103	0.394114	-2.53734	1.17E-05	17.0635	17.0635	0.00290355	3.49198	3.49198	15.8006	23.3556	1.31391	1
cg13011928	TFAP2A;TFAP2A;TFAP2A	0.00082233	0.0436478	0.492267	-2.03142	0.00121417	0.23522	-4.25135	0.00307653	0.289911	-3.44934	0.00520705	0.324132	-3.08516	0.00328006	0.293945	-3.40199	0.0834931	0.556892	-1.79568	6.39E-05	0.105776	-9.45393	0.337241	0.739107	-1.35298	0.000647849	0.202183	-4.94602	12.4353	18.3889	1.31446	1
cg05758246	TFAP2A;TFAP2A;TFAP2A	0.000912439	0.965373	1.01048	1.01048	0.166932	0.701963	-1.42458	0.10049	0.649139	-1.5405	0.235656	1.3478	1.3478	0.748159	1.08043	1.08043	0.520499	1.16933	1.16933	0.521795	0.85562	-1.16874	1.14E-05	9.36601	9.36601	0.701487	0.911653	-1.09691	12.0758	11.0308	0.811969	1
cg12439899	TFAP2A;TFAP2A;TFAP2A	0.0046339	0.60346	0.872738	-1.14582	0.00507215	2.61783	2.61783	0.052959	1.77055	1.77055	0.671294	0.895046	-1.11726	0.888132	1.03724	1.03724	0.422615	1.23709	1.23709	0.260636	0.737302	-1.3563	0.000140385	5.51486	5.51486	0.215925	1.40253	1.40253	7.51055	8.02582	0.949872	1
cg11526928	TFAP2A;TFAP2A;TFAP2A	0.0120023	0.578135	1.21187	1.21187	0.686797	0.870531	-1.14872	0.217786	1.55813	1.55813	0.000663171	5.94788	5.94788	0.937308	0.973451	-1.02727	0.541345	0.809371	-1.23553	0.161838	0.599916	-1.6669	0.00498625	3.56538	3.56538	0.758233	0.899777	-1.11139	5.57316	10.3277	1.64721	1
cg16199280	TFAP2A;TFAP2A;TFAP2A	0.0135159	0.0720933	0.359132	-2.78449	0.000810723	0.0760153	-13.1552	0.0485735	0.316852	-3.15605	0.294482	0.57427	-1.74134	0.0227761	0.249005	-4.01599	0.0639766	0.345757	-2.89221	0.00318162	0.128098	-7.80651	0.184818	0.487998	-2.04919	0.156181	0.461234	-2.1681	5.36146	22.0965	3.66343	1
cg03342498	TFAP2A;TFAP2A;TFAP2A	0.0144479	0.0107813	5.80323	5.80323	0.369627	1.65832	1.65832	0.00906827	6.17488	6.17488	0.0124409	5.51515	5.51515	0.661216	0.784989	-1.2739	0.958914	1.02868	1.02868	0.397799	0.621713	-1.60846	0.00249772	10.0357	10.0357	0.78286	1.16376	1.16376	5.24524	25.0352	4.24261	1
cg15442419	TFAP2A;TFAP2A;TFAP2A	0.0164552	0.879101	0.973249	-1.02749	0.79198	0.954004	-1.04821	0.561831	0.900783	-1.11015	0.488104	0.882074	-1.13369	0.603139	0.910796	-1.09794	0.570355	0.902873	-1.10758	0.00029702	0.350215	-2.85539	0.731154	1.06337	1.06337	0.0699819	1.43465	1.43465	5.02384	2.525	0.44676	1
cg09606832	TFAP2A;TFAP2A;TFAP2A	0.0175082	0.0189098	0.207122	-4.82806	0.00584121	0.135497	-7.38023	0.0096109	0.162752	-6.1443	0.210599	0.48162	-2.07633	0.0105333	0.168235	-5.94406	0.0383785	0.264782	-3.7767	0.0073019	0.147203	-6.79334	0.126216	0.400002	-2.49999	0.0467302	0.28334	-3.52933	4.92069	23.9044	4.31816	1
cg22315453	TFAP2A;TFAP2A;TFAP2A	0.0185716	0.00839079	0.142415	-7.02175	0.0183121	0.190671	-5.24464	0.203662	0.45998	-2.17401	0.118563	0.375043	-2.66636	0.0230045	0.207249	-4.82512	0.095591	0.346576	-2.88537	0.00143698	0.0694439	-14.4001	0.268056	0.512865	-1.94983	0.0322618	0.234262	-4.26872	4.82407	25.5957	4.7163	1
cg00326464	TFAP2A;TFAP2A;TFAP2A	0.0201443	0.197191	0.550461	-1.81666	0.0516765	2.63737	2.63737	0.61169	1.25131	1.25131	0.471459	0.72559	-1.37819	0.604422	1.25716	1.25716	0.696869	0.84246	-1.187	0.029835	0.326478	-3.06299	0.00138176	7.62119	7.62119	0.57116	1.28483	1.28483	4.69308	14.2533	2.69964	1
cg08401657	TFAP2A;TFAP2A;TFAP2A	0.0279178	0.166373	0.311883	-3.20633	0.00391453	0.0466105	-21.4544	0.0394926	0.152536	-6.55585	0.0757375	0.209989	-4.76216	0.00750664	0.066083	-15.1325	0.28487	0.416	-2.40385	0.0859478	0.223527	-4.47374	0.0388495	0.151311	-6.60889	0.0186378	0.105213	-9.50454	4.19212	41.3884	8.7759	1
cg15732658	TFAP2A;TFAP2A;TFAP2A	0.0447013	0.0132825	3.90269	3.90269	0.739269	0.86223	-1.15978	0.540987	0.759837	-1.31607	0.14649	0.500725	-1.9971	0.219832	0.56407	-1.77283	0.835578	1.09662	1.09662	0.0261267	0.309967	-3.22615	0.495313	1.35972	1.35972	0.0271304	0.313231	-3.19253	3.53432	11.0248	2.77275	1
cg12377424	TFAP2A;TFAP2A;TFAP2A;TFAP2A	0.0156893	0.680344	0.882313	-1.13338	0.0238568	0.442682	-2.25896	0.963946	1.01376	1.01376	0.897251	1.03982	1.03982	0.000501234	0.193026	-5.18065	0.83531	1.06494	1.06494	0.468734	1.24957	1.24957	0.225046	1.4698	1.4698	0.327888	1.35694	1.35694	5.10414	7.38426	1.28597	1
cg08857063	TFAP2B	1.18E-07	0.00140595	1.39304	1.39304	3.99E-05	0.569577	-1.75569	5.32E-08	3.83111	3.83111	0.0085113	1.27212	1.27212	9.08E-05	0.605642	-1.65114	0.0109527	1.25717	1.25717	0.00228647	0.736617	-1.35756	1.76E-08	4.69407	4.69407	0.00296863	0.746574	-1.33945	126.205	10.2693	0.0723287	1
cg08178940	TFAP2B	2.59E-07	5.35E-05	0.338062	-2.95804	6.48E-08	0.0721682	-13.8565	8.39E-07	6.62834	6.62834	0.0115139	1.57567	1.57567	0.00475753	0.583161	-1.71479	7.24E-05	2.82753	2.82753	1.96E-06	0.18389	-5.43804	0.0498663	1.37959	1.37959	0.000646073	0.470971	-2.12328	103.388	33.8901	0.291373	1
cg22248052	TFAP2B	4.18E-07	0.55678	0.927027	-1.07872	4.44E-07	6.17208	6.17208	1.78E-07	7.74428	7.74428	3.59E-06	3.99645	3.99645	0.708746	0.953286	-1.049	1.67E-06	4.62886	4.62886	3.45E-05	0.36017	-2.77647	2.87E-05	2.85137	2.85137	0.14366	1.22179	1.22179	91.5442	23.5671	0.228835	1
cg09363735	TFAP2B	5.25E-07	0.170932	1.24851	1.24851	4.00E-05	0.302714	-3.30345	2.87E-06	5.49668	5.49668	0.000585935	2.24541	2.24541	2.80E-06	0.180937	-5.52678	9.59E-05	2.8773	2.8773	4.34E-06	0.199211	-5.01981	2.48E-05	3.58373	3.58373	1.22E-05	0.245453	-4.07411	86.4239	31.7201	0.326249	1
cg23015341	TFAP2B	2.21E-05	0.0176033	0.661502	-1.51171	0.0978696	0.771191	-1.2967	0.000273002	2.34743	2.34743	0.0311862	1.43589	1.43589	0.034966	0.703571	-1.42132	0.00970861	1.59692	1.59692	0.000302093	0.431465	-2.31768	1.34E-06	5.86874	5.86874	0.88358	0.979254	-1.02119	33.0115	10.703	0.288197	1
cg01610857	TFAP2B	3.22E-05	0.84648	0.951758	-1.05069	0.595775	1.14634	1.14634	3.32E-05	7.79955	7.79955	0.210966	1.39962	1.39962	0.704344	1.10213	1.10213	0.000271764	4.583	4.583	0.0359712	0.536698	-1.86324	1.15E-06	24.9995	24.9995	0.0928398	1.6027	1.6027	29.8894	30.802	0.916028	1
cg18886245	TFAP2B	0.000128361	0.000163042	4.68634	4.68634	0.0945608	0.643223	-1.55467	0.000270132	4.19711	4.19711	0.803344	0.941844	-1.06175	0.00117172	0.318579	-3.13893	0.00298255	2.65999	2.65999	0.000309198	0.245156	-4.07904	0.0665436	1.63894	1.63894	0.423705	0.821841	-1.21678	20.7071	18.9109	0.811782	1
cg22282405	TFAP2B	0.000139056	0.00262803	0.216139	-4.62665	0.251083	0.643323	-1.55443	2.22E-05	22.8746	22.8746	0.242044	1.56896	1.56896	0.0301396	0.391425	-2.55477	0.00184877	5.08316	5.08316	0.0195536	0.354191	-2.82333	0.000448554	7.66144	7.66144	0.447004	0.751941	-1.32989	20.2662	43.4303	1.90488	1
cg06117072	TFAP2B	0.000255655	0.00120941	2.73665	2.73665	0.0725289	1.53057	1.53057	0.000223556	3.68713	3.68713	0.0167984	1.85864	1.85864	0.057008	0.632879	-1.58008	0.000541061	3.13508	3.13508	0.00414431	0.441987	-2.26251	0.000321916	3.44243	3.44243	0.889757	0.970969	-1.0299	17.1849	12.2813	0.635253	1
cg17083323	TFAP2B	0.000270073	0.0379711	0.631948	-1.58241	0.0209347	1.69894	1.69894	0.0167516	1.74533	1.74533	0.00400098	0.478152	-2.09138	0.00103746	0.395901	-2.52589	0.00708148	0.514899	-1.94213	4.40E-05	0.228185	-4.38241	0.512535	0.881002	-1.13507	0.00115318	0.402124	-2.4868	16.9295	9.75603	0.512242	1
cg21650962	TFAP2B	0.000292181	0.0085796	0.57901	-1.72709	0.000768454	0.435935	-2.29392	0.000106097	3.0505	3.0505	0.879536	1.02503	1.02503	0.644184	0.927	-1.07875	0.0258717	1.53904	1.53904	0.000674413	0.428542	-2.33349	0.617332	0.921179	-1.08556	0.00823419	0.576458	-1.73473	16.5694	6.97111	0.373974	1
cg03159396	TFAP2B	0.000324269	0.489312	0.83984	-1.1907	0.0662953	0.599376	-1.6684	2.43E-05	8.08018	8.08018	0.0125539	0.462313	-2.16304	0.128611	0.664875	-1.50404	0.00882106	2.29017	2.29017	0.00357646	0.375063	-2.66622	0.0165335	2.07023	2.07023	0.871125	0.960455	-1.04117	16.1033	15.7506	0.869421	1
cg02561482	TFAP2B	0.00035737	0.553382	0.831934	-1.20202	0.795404	1.08301	1.08301	7.44E-05	9.10183	9.10183	0.438095	1.27473	1.27473	0.233586	0.681634	-1.46706	0.00667637	2.94471	2.94471	0.00507822	0.320866	-3.11657	0.00010893	8.10226	8.10226	0.432931	0.782243	-1.27838	15.6792	23.3876	1.32589	1
cg27260772	TFAP2B	0.000485753	0.233233	0.605017	-1.65285	0.736863	0.873209	-1.1452	3.69E-05	24.3207	24.3207	0.00994549	3.70216	3.70216	0.175542	0.560397	-1.78445	0.00432599	4.63367	4.63367	0.00292993	0.193396	-5.17072	0.0210481	3.05166	3.05166	0.525404	1.29526	1.29526	14.4055	36.8765	2.27545	1
cg21317965	TFAP2B	0.000762924	0.0247534	2.18051	2.18051	0.00203393	3.55587	3.55587	0.00015987	6.56194	6.56194	0.0750628	0.560961	-1.78265	0.0139304	0.412358	-2.42508	0.210867	1.46882	1.46882	0.0180978	0.432935	-2.30982	0.0070093	2.76441	2.76441	0.632208	1.151	1.151	12.7004	17.1073	1.19732	1
cg20894686	TFAP2B	0.000857688	0.00368553	3.64716	3.64716	0.002363	0.247083	-4.04723	0.0089978	2.98887	2.98887	0.23566	0.663851	-1.50636	0.00173996	4.35764	4.35764	0.0282274	2.34922	2.34922	0.0060791	0.307013	-3.25719	0.0158127	2.65018	2.65018	0.192922	0.634935	-1.57496	12.2886	21.1503	1.52989	1
cg05928362	TFAP2B	0.00129313	0.118268	1.60731	1.60731	0.00106392	3.87199	3.87199	5.58E-05	8.14023	8.14023	0.77417	1.08383	1.08383	0.00217582	3.33152	3.33152	0.954142	0.984037	-1.01622	0.0163865	2.27259	2.27259	0.0159069	2.28467	2.28467	0.217333	1.43789	1.43789	10.9356	13.5608	1.10227	1
cg13223107	TFAP2B	0.0014951	0.76278	0.936748	-1.06752	0.499678	0.86252	-1.15939	0.000103618	4.4019	4.4019	0.0629844	1.57063	1.57063	0.317384	0.800042	-1.24993	0.0215495	1.81448	1.81448	0.00725419	0.473475	-2.11204	0.00726841	2.11145	2.11145	0.82413	0.953092	-1.04922	10.4895	7.74012	0.655907	1
cg21502834	TFAP2B	0.0029947	0.0178379	2.53683	2.53683	0.0848715	1.85143	1.85143	0.0120663	2.75064	2.75064	0.624506	1.17289	1.17289	0.00242599	0.255445	-3.91474	0.0618592	1.97339	1.97339	0.0124775	2.73146	2.73146	0.00123789	4.60084	4.60084	0.967739	0.987012	-1.01316	8.56265	14.1707	1.47107	1
cg25226247	TFAP2B	0.00305453	0.0260212	0.538912	-1.85559	0.102843	0.65861	-1.51835	0.00378285	2.49496	2.49496	0.384679	0.811743	-1.23192	0.0225456	0.527678	-1.8951	0.503196	1.17232	1.17232	0.0017788	0.353087	-2.83217	0.00725907	2.24894	2.24894	0.737623	0.924337	-1.08186	8.51248	7.38278	0.770924	1
cg00908833	TFAP2B	0.00415937	0.885405	0.972076	-1.02873	0.662032	0.917247	-1.09022	0.00010421	3.8471	3.8471	0.791146	0.949211	-1.05351	0.499127	0.873943	-1.14424	0.00502456	2.0727	2.0727	0.87339	1.03181	1.03181	0.111495	1.40556	1.40556	0.55496	0.889346	-1.12442	7.76046	4.74037	0.542965	1
cg25593948	TFAP2B	0.00488214	0.191766	0.612864	-1.63168	0.00890001	3.2521	3.2521	0.013854	2.93728	2.93728	0.262461	0.661024	-1.5128	0.0473255	0.447544	-2.23442	0.240994	1.54479	1.54479	0.00743765	0.294835	-3.39173	0.00439118	3.84836	3.84836	0.512104	1.26563	1.26563	7.39219	14.6965	1.76721	1
cg05437823	TFAP2B	0.00579731	0.0247076	0.254352	-3.93156	0.103657	0.402097	-2.48696	0.00332923	7.73601	7.73601	0.765899	1.16516	1.16516	0.726751	0.835603	-1.19674	0.00458351	6.9041	6.9041	0.990119	0.99368	-1.00636	0.00412718	7.16447	7.16447	0.623393	0.776181	-1.28836	7.01309	29.1089	3.68947	1
cg19620724	TFAP2B	0.00745633	0.879282	1.06166	1.06166	0.411353	0.718405	-1.39197	0.00294579	4.99015	4.99015	0.50841	1.3023	1.3023	0.467145	0.747288	-1.33817	0.00594212	4.12204	4.12204	0.543654	0.78505	-1.2738	0.00085423	7.18821	7.18821	0.358618	1.45012	1.45012	6.48586	15.9223	2.18215	1
cg04310104	TFAP2B	0.00805608	0.0301336	0.428172	-2.33551	0.123407	0.574005	-1.74215	0.000996223	5.08513	5.08513	0.974725	1.01059	1.01059	0.898925	0.95861	-1.04318	0.0273581	2.3829	2.3829	0.0207472	0.396085	-2.52471	0.739845	1.11723	1.11723	0.596801	0.837289	-1.19433	6.33022	11.0931	1.5577	1
cg15638705	TFAP2B	0.00902241	0.00433066	0.327659	-3.05195	0.100158	1.69399	1.69399	0.0549376	1.89058	1.89058	0.172132	0.653597	-1.53	0.0168672	0.426109	-2.34682	0.42088	1.27202	1.27202	0.0116943	0.397791	-2.51388	0.081804	1.75823	1.75823	0.432423	0.791022	-1.26419	6.10755	8.28194	1.20535	1
cg07103129	TFAP2B	0.00998342	0.204373	2.24424	2.24424	0.669468	1.29586	1.29586	0.00183647	14.4513	14.4513	0.953102	1.03614	1.03614	0.545916	0.691517	-1.4461	0.0166623	5.83736	5.83736	0.412656	0.603189	-1.65786	0.00114582	17.9116	17.9116	0.749912	1.2129	1.2129	5.91376	34.1184	5.12829	1
cg21766898	TFAP2B	0.0110829	0.0980424	2.95264	2.95264	0.0466213	3.8936	3.8936	0.00547043	8.84278	8.84278	0.79143	1.17131	1.17131	0.0135322	0.161488	-6.1924	0.53022	1.46132	1.46132	0.00889958	7.28475	7.28475	0.0218646	5.16182	5.16182	0.65089	0.762022	-1.3123	5.71866	32.236	5.01065	1
cg17153727	TFAP2B	0.0113586	0.0910306	0.376226	-2.65798	0.951647	1.03236	1.03236	0.0276329	3.92574	3.92574	0.151257	2.24247	2.24247	0.120806	0.413324	-2.41941	0.602869	1.31739	1.31739	0.224393	0.511603	-1.95464	0.000695078	15.1413	15.1413	0.638313	0.779865	-1.28227	5.6735	24.78	3.88238	1
cg14470998	TFAP2B	0.0125058	0.0202916	0.501345	-1.99463	0.427671	1.22119	1.22119	0.00325687	2.69106	2.69106	0.0667183	0.60214	-1.66074	0.877986	1.03864	1.03864	0.0216234	1.97499	1.97499	0.673933	0.900846	-1.11007	0.103061	0.644017	-1.55275	0.174993	0.700514	-1.42752	5.49921	5.30286	0.857152	1
cg01555614	TFAP2B	0.0126513	0.0393346	0.323393	-3.09222	0.0203951	0.266211	-3.75642	0.0112742	4.49506	4.49506	0.0710945	0.38493	-2.59787	0.0179621	0.256265	-3.90221	0.667531	0.814959	-1.22705	0.00675948	0.189671	-5.27229	0.975159	1.01485	1.01485	0.322005	0.616042	-1.62327	5.47853	19.4545	3.15649	1
cg17343563	TFAP2B	0.0142243	0.241798	0.641473	-1.55891	0.407057	0.735393	-1.35982	0.00384447	4.10325	4.10325	0.628893	0.838216	-1.19301	0.0158205	0.342564	-2.91917	0.572099	1.22985	1.22985	0.0119053	0.320625	-3.1189	0.160588	1.72146	1.72146	0.155987	0.576928	-1.73332	5.27225	10.9659	1.84883	1
cg23930856	TFAP2B	0.024078	0.173136	0.226004	-4.4247	0.344783	0.368475	-2.71389	0.0150632	21.4377	21.4377	0.448606	2.20843	2.20843	0.0922196	0.149341	-6.69607	0.0915567	6.7273	6.7273	0.117929	0.175184	-5.70829	0.0136325	22.8918	22.8918	0.179772	0.231828	-4.31354	4.41443	73.5953	14.8191	1
cg24161652	TFAP2B	0.0277091	0.247338	0.592697	-1.6872	0.184539	0.544091	-1.83793	0.00470668	5.07471	5.07471	0.608404	1.25042	1.25042	0.495384	0.741283	-1.34901	0.0542656	2.5717	2.5717	0.435815	0.709059	-1.41032	0.0123094	3.84992	3.84992	0.791031	0.891506	-1.1217	4.20321	12.4493	2.63276	1
cg06653004	TFAP2B	0.0280384	0.128508	0.577912	-1.73037	0.104219	1.8091	1.8091	0.0200641	2.55051	2.55051	0.978616	1.00899	1.00899	0.0786018	0.521003	-1.91937	0.408876	1.32567	1.32567	0.00721616	0.314357	-3.1811	0.48692	1.26586	1.26586	0.271874	0.682676	-1.46482	4.18576	7.38457	1.56819	1
cg00474328	TFAP2B	0.0391027	0.720023	1.20516	1.20516	0.461737	0.678094	-1.47472	0.00529848	6.72273	6.72273	0.49506	1.4322	1.4322	0.397011	0.637837	-1.5678	0.0374223	3.49793	3.49793	0.215648	0.50881	-1.96537	0.0278936	3.84653	3.84653	0.452157	0.672241	-1.48756	3.714	15.8128	3.78455	1
cg09247060	TFAP2B	0.0460274	0.0946274	2.41865	2.41865	0.310358	1.6564	1.6564	0.0144124	4.26244	4.26244	0.638604	1.25535	1.25535	0.520015	0.730876	-1.36822	0.245203	1.79386	1.79386	0.0822288	2.52335	2.52335	0.00453408	6.15961	6.15961	0.0446721	3.02872	3.02872	3.49581	12.7961	3.25371	1
cg00155310	TFAP2B	0.0465414	0.397534	0.616494	-1.62208	0.0913746	0.354126	-2.82385	0.0176637	5.01029	5.01029	0.0578855	3.31088	3.31088	0.859219	1.10421	1.10421	0.108443	2.65849	2.65849	0.145417	2.39391	2.39391	0.0181877	4.95866	4.95866	0.552379	1.39885	1.39885	3.48124	17.1901	4.38927	1
cg24366557	TFAP2B	0.0477478	0.377328	2.09742	2.09742	0.104803	4.26093	4.26093	0.0127475	12.5589	12.5589	0.0267071	8.55724	8.55724	0.528695	0.593398	-1.68521	0.0582956	5.75222	5.75222	0.544344	1.65158	1.65158	0.00739097	16.8117	16.8117	0.428129	1.93766	1.93766	3.44783	36.5086	9.41233	1
cg26736540	TFAP2C	2.84E-05	0.156326	0.718328	-1.39212	0.19926	1.34435	1.34435	0.0598962	1.58907	1.58907	0.232354	1.31423	1.31423	0.22662	1.31912	1.31912	0.517152	1.15405	1.15405	0.0513563	1.62254	1.62254	2.05E-07	31.18	31.18	0.0468232	1.64298	1.64298	30.8957	23.2904	0.670079	1
cg05013064	TFAP2C	5.83E-05	0.000140928	0.0304777	-32.8109	0.0360885	3.65182	3.65182	0.0752503	2.86469	2.86469	0.0176524	4.63531	4.63531	0.629956	0.772639	-1.29427	0.0135745	5.06751	5.06751	0.148147	0.438552	-2.28023	2.48E-06	429.278	429.278	0.0865388	2.73461	2.73461	25.5589	114.285	3.97462	1
cg19694200	TFAP2C	0.000141928	0.317339	0.886939	-1.12747	0.471674	1.0887	1.0887	0.915594	1.01238	1.01238	0.139923	0.831646	-1.20243	0.05492	1.28745	1.28745	0.197117	1.17148	1.17148	0.0133945	0.700818	-1.4269	1.99E-06	3.90767	3.90767	0.0746974	1.25916	1.25916	20.155	4.30064	0.18967	1
cg04606210	TFAP2C	0.00149992	0.475028	0.893882	-1.11872	0.0197927	1.54428	1.54428	0.212517	1.2248	1.2248	0.0224639	1.52535	1.52535	0.0982806	1.32316	1.32316	0.833007	1.03314	1.03314	0.0062064	0.576355	-1.73504	6.37E-05	3.11429	3.11429	0.902216	1.01916	1.01916	10.4797	3.95828	0.33574	1
cg24864402	TFAP2C	0.00688773	0.168234	0.849942	-1.17655	0.688213	0.956318	-1.04568	0.177072	0.853117	-1.17217	0.61677	0.945667	-1.05745	0.677183	0.954702	-1.04745	0.337661	1.11566	1.11566	0.000320536	0.524789	-1.90553	0.00634567	1.48205	1.48205	0.939922	0.991689	-1.00838	6.64854	1.29092	0.172592	1
cg14942424	TFAP2C	0.0289871	0.0476357	2.95424	2.95424	0.0727697	0.383949	-2.60451	0.0575838	0.35811	-2.79244	0.0536653	0.35069	-2.85152	0.0132934	0.230607	-4.33637	0.287865	0.589963	-1.69502	0.0180414	0.253155	-3.95014	0.954953	1.02738	1.02738	0.100618	0.423135	-2.36331	4.13688	14.984	3.21961	1
cg09183753	TFAP2C	0.0290532	0.286801	0.715639	-1.39735	0.441275	0.788573	-1.26811	0.478084	0.80399	-1.2438	0.0432805	0.495	-2.0202	0.314647	1.36962	1.36962	0.213693	1.48596	1.48596	0.0120443	0.387825	-2.57848	0.0082567	2.77821	2.77821	0.876001	0.953863	-1.04837	4.13355	5.99027	1.28816	1
cg03216529	TFAP2C	0.0320707	0.0702991	4.31758	4.31758	0.539279	0.638042	-1.56729	0.235825	0.407323	-2.45506	0.0148298	0.114512	-8.73274	0.036403	0.17232	-5.80317	0.0309974	0.160285	-6.2389	0.0338079	0.166679	-5.99957	0.33804	0.489677	-2.04216	0.0298826	0.157657	-6.34287	3.99073	33.0348	7.35814	1
cg03201044	TFAP2C	0.0377249	0.414571	2.13747	2.13747	0.559183	0.583944	-1.71249	0.617804	0.632435	-1.58119	0.16225	0.256905	-3.89248	0.0192988	0.0759608	-13.1647	0.25862	0.341797	-2.92572	0.00228609	0.0205583	-48.6422	0.0557136	0.138827	-7.20321	0.0722069	0.160805	-6.2187	3.76312	49.4427	11.6789	1
cg12521353	TFAP2C;TFAP2C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05255522	TFAP2D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22235018	TFAP2D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20180370	TFAP2D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26680132	TFAP2D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15412759	TFAP2D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06804433	TFAP2D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17318462	TFAP2D	0.03797572	0.08586221	0.88899	0.663914	0.766021	-1.30545	0.360793	1.74709	0.741009	0.616056	0.96742	5.96742	0.38891	1.70728	1.70728	0.4377	1.61538	0.859823	1.11303	1.11303	0.00743425	8.07215	0.0772962	3.28626	3.28626	3.75401	21.8184	5.16623	1
cg20229493	TFAP2D	0.0391963	0.0313303	0.3990338	-2.50603	0.0447093	2.31131	2.31131	0.0706842	2.08482	2.08482	0.0145056	3.336773	-2.96936	6.524597	6.835779	2.119649	0.625215	-1.59945	0.474144	0.767378	-1.30314	0.446366	1.32621	1.32621	0.407586	1.36088	1.360838	3.710474	7.775593	1.8626	1
cg24094538	TFAP2D	0.04174487	0.0214694	0.1280223	-7.81113	0.3780227	0.5101181	-1.96009	0.09174423	0.2512166	-3.98064	0.155022	0.322277	-3.10292	0.289253	0.4410095	-2.26709	0.376339	0.508903	-1.96501	0.00753979	0.07744688	-12.9121	0.00535542	0.0652776	-15.3192	0.0547025	0.197604	-5.06063	3.625338	31.7881	7.79396	1
cg21873038	TFAP2D	0.04221203	0.582709	0.646224	1.54738	0.636312	0.193834	-5.15906	0.05908827	0.173816	-5.75322	0.155475	0.302462	-3.30631	0.01455006	0.0935145	-10.6935	0.2899722	2.229592	-4.33556	0.00402164	0.04749473	-20.8998	0.073789	0.716675	-1.39529	0.0376493	0.150001	-6.66663	3.610363	35.3967	8.74149	1
cg19404832	TFAP2D	0.0498463	0.167078	0.575782	-1.73677	0.765032	1.11889	1.11889	0.8009068	1.09933	1.09933	0.782178	0.901339	-1.10946	0.0254428	0.369588	-2.70572	0.0910252	0.497741	-2.00908	0.0652697	0.440433	-2.17187	0.0164212	3.00122	3.00122	0.16006	0.569757	-1.75513	3.9021	7.546	1.97741	1
cg10205556	TFAP2D;TFAP2D	0.02790044	0.0302817	2.77487	2.77487	0.7499977	1.13668	1.13668	0.3460055	1.48296	1.48296	0.429588	0.723879	-1.38145	0.10764	0.4947856	-2.02108	0.050798	2.43941	2.43941	0.00751763	0.2510932	-3.99033	0.123117	1.953803	1.953803	0.16593	0.6065	-1.51378	4.19304	10.16651	2.26091	1
cg07167423	TFAP2E	0.000634036	0.0237792	2.3601	2.3601	0.00521241	3.232203	3.232203	0.176405	1.57993	1.57993	0.316885	1.38996	1.38996	0.00679564	3.05316	3.05316	0.003800778	3.46359	3.46359	1.70E-05	16.6008	16.6008	0.000842684	4.94208	4.94208	0.0348163	2.18772	2.18772	13.3763	21.4554	1.42577	1
cg17474422	TFAP2E	0.000706377	0.0096676	7.72956	7.72956	0.1430831	1.854721	1.854721	0.4215417	1.38007	1.38007	0.109735	1.98252	1.98252	0.00168494	5.82534	5.82534	0.007505137	3.86057	3.86057	0.00159746	6.020312	6.020312	0.00719655	3.902564	3.902564	12.8554	31.3674	2.16891	1
cg05845757	TFAP2E	0.00199209	0.000722369	10.0254	10.0254	0.148822	2.013111	2.013111	0.4412229	1.42063	1.42063	0.210291	1.77967	1.77967	0.00178951	7.13883	7.13883	0.001915887	4.6655	4.6655	0.00188991	7.19659	7.19659	0.0195184	3.54312	3.54312	9.65304	20.7041	2.82735	1
cg03611100	TFAP2E	0.00622807	0.0221396	0.558204	-1.79146	0.0711163	0.651563	-1.53477	0.00225109	0.403006	-2.48135	0.0486416	1.61391	1.61391	0.839391	1.04407	1.04407	0.00697369	0.476276	-2.09962	0.0539491	0.628139	-1.592	0.00525678	0.457386	-2.18634	0.0483909	0.61919	-1.61501	6.859661	4.90737	0.635912	1
cg15107724	TFAP2E	0.00730566	0.839835	0.955075	1.08284	0.0045393	0.505482	-1.97833	0.00015733	0.248606	-4.02344	0.0248553	1.13749	1.13749	0.20601	0.4854738	0.45964	0.002175	0.160201	6.24335	0.00133	0.015364	65.07	0.00154271	2.73304	2.73304	0.3888203	1.33936	1.33936	0.748846	12.5688	1.30544	1
cg24685006	TFAP2E	0.00884624	0.0424698	3.17907	3.17907	0.0112982	4.80944	4.80944	0.229572	1.86652	1.86652	0.576441	1.82344	1.82344	0.00229573	6.86552	6.86552	0.003883	3.30883	3.30883	0.00115496	8.69838	8.69838	0.0429932	4.1901	4.1901	6.14587	23.8524	3.44982	1
cg18115145	TFAP2E	0.00926156	0.025328	3.94949	3.94949	0.0199043	3.91924	3.91924	0.1537663	1.31196	1.31196	0.131196	2.07823	2.07823	0.00178383	6.0614324	6.0614324	0.002566	3.62566	3.62566	0.00155	9.0295	9.0295	0.0379453	4.49481	4.49481	0.301454	1.63312	1.63312	0.607009	20.1338	2.95408	1
cg19163067	TFAP2E	0.0113875	0.10722	2.0429	2.0429	0.00628464	4.24735	4.24735	0.762502	1.13104	1.13104	0.847391	1.02476	1.02476	0.024706	-1.08142	0.04894407	2.493	2.493	0.028591	2.85587	2.85587	0.007546515	7.96915	7.96915	0.0191565	3.16349	3.16349	0.914067	1.04483	1.04483	5.66884	14.8205	2.32389	1
cg12038696	TFAP2E	0.0167933	0.0786383	1.77724	1.77724	0.018874	2.33018	2.33018	0.110763	1.66803	1.66803	0.356988	1.3217	1.3217	0.762266	0.9145548	-1.09344	0.122727	1.63619	1.63619	0.00527792	2.952932	2.952932	0.020142	4.04012	4.04012	0.081566	1.76532	1.76532	4.598985	6.85023	1.2203	1
cg22436429	TFAP2E	0.02371	0.0909978	1.09921	1.09921	0.0149625	2.85988	2.85988	0.525451	1.907083	1.907083	0.127051	1.537806	1.537806	0.24677	0.8855932	-1.12909	0.0207248	2.81641	2.81641	0.01854	2.502992	2.502992	0.0429	3.54312	3.54312	0.2540921	1.55724	1.55724	4.43803	9.73195	1.9492	1
cg08130783	TFAP2E	0.0277361	0.941874	1.0117	1.0117	0.306342	0.844572	-1.18403	0.483584	0.892651	-1.12026	0.474329	1.12306	1.12306	0.288216	1.19228	1.19228	0.586137	1.09165	1.09165	0.000520254	2.37066	2.37066	0.58331	1.09238	1.09238	0.4443394	0.8828091	-1.13275	4.201777	1.693004	0.358165	1
cg00149402	TFAP2E	0.0321144	0.143709	0.609073	-1.96861	0.358269	0.604597	-1.65415	0.02029705	0.299576	-3.33805	0.512907	1.33123	1.33123	0.221229	1.510455	1.510455	0.492997	0.740686	-1.3505	0.175723	0.537591	-1.86031	0.005627294	0.144026	-6.94271	0.520498	0.755157	-1.32423	0.198878	11.7432	2.616905	1
cg13558810	TFAP2E	0.0403964	0.163859	0.4593659	-2.17501	0.0224002	0.60537	-1.65197	0.49032	0.123926	4.0141124	0.425146	0.480437	2.08277	1.464662	0.5285511	-1.89201	0.0204778	0.48843	-2.04773	0.0224554	0.4454	-2.24536	0.0463613	0.157656	0.0391735	0.2229945	-4.48542	0.0409412	0.136831	-3.56651	14.7086	16.4559	3.94275	1
cg01101380	TFAP2E;TFAP2E	0.01567668	0.0473565	3.638201	-2.71591	0.00686452	0.21404	-4.67203	0.856479	1.08299	1.08299	0.106372	0.460005	-2.17389	0.0641496	0.4000883	-2.49948	0.644314	0.814867	-1.22719	0.000820023	0.108551	-9.21224	0.03135593	0.334525	-2.98931	0.382649	0.674171	-1.4833	5.10549	15.6813	2.73019	1
cg09125156	TFAP4	7.32E-05	0.2389445	4.18504	4.18504	0.0090662	0.495441	-2.0184	0.4758787	0.837734	-1.19388	0.264084	3.78229	3.78229	2.37E-06	0.0801341	-12.4807	0.463909	0.852804	1.17297	0.00015	0.326525	-3.07101	0.079065	0.109132	-9.16557	0.0124	0.00323207	0.423803	-2.35959	24.3157	17.4611	0.644274	1
cg01274929	TFAP4	0.00330263	0.0553235	0.174831	-1.39893	0.00128403	0.488472	-2.06495	0.0018797	0.565419	-1.7686	0.0567196	1.39559	1.39559	5.99E-05	0.317728	-3.14735	0.000154696	0.367247	-2.72296	0.0114828	0.61342	-1.63021	0.70231	1.06114	1.06114	0.0012425	0.482286	-2.07346	16.44662	6.22116	0.336243	1
cg05813417	TFAP4	0.00598292	0.0506836	2.1842	1.81004	0.0137582	0.7258	-1.37784	0.0004388	0.717179	-1.39547	0.0026886	1.394	1.394	0.00018804	0.4844107	0.38901	0.000481107	0.39301	-2.54485	0.00148	0.3998	-2.50063	0.0013	0.2351	0.2351221	0.14898	-6.68198	0.0105976	1.35033	1.33338	0.0004768	1.83204	0.407267	0
cg00038436	TFAP4	0.00830066	0.230534	0.911431	-1.09718	0.225068	0.1985	1.0985	0.00141735	1.40568	1.40568	0.627261	1.03674	1.03674	0.761382	1.02271	1.02271	0.06277343	1.16692	1.16692	0.0363425	0.83577	-1.1965	0.00642671	0.7700212	-1.29868	0.793142	0.98081	-1.01957	6.27083	0.5398874	0.076527	1
cg00246366	TFAP4	0.0130094	0.32403	1.21214	1.21214	0.325776	1.21125	1.21125	0.405881	1.32676	1.32676	0.112745	1.47324	1.47324	0.153261	0.7485571	-1.33588	0.521553	0.884509	1.13057	0.0590019	0.927075	-1.07866	0.00247374	0.338825	0.1135652	0.5596112	1.11789	1.11789	0.891351	1.02615	1.02615	5.428387	3.06781	0.502304	1
cg07513965	TFAP4	0.03226672	0.75976	0.9396	0.9396	0.0154926	0.717259	-1.39411	0.0384822	0.858688	1.164966	0.525451	1.780585	1.780585	0.0104988	2.1407566	2.1407566	0.217616	1.4598	1.4598	0.00211	2.14248	2.14248	0.0027179	2.7470584	2.747058	0.0179403	2.12484	2.12484	0.0001	1.3058	1.3058	0.0001	1.3058	0.0001	0
cg00535430	TFAP4	0.03665571	0.6260964	0.899376	-1.11188	0.763298	0.936091	-1.06759	0.438485	1.18863	1.18863	0.47933	0.857799	-1.1685	0.0270324	0.567292	-1.76276	0.004820351	0.444956	-2.24741	0.0390013	1.67765	1.67765	0.241376	0.766779	-1.30416	0.138303	0.707838	-1.41275	3.802474	2.82402	0.660114	1
cg16150979	TFAP4	TBX1M	0.00828134	0.529233	0.871879	-1.14695	0.0088243	0.604539	-1.65415	0.02029705	0.299576	-3.33805	0.512907	1.33123	1.33123	0.221229	1.510455	1.510455	0.333726	0.809085	-1.2359	0.343622	0.7707766	1.29743	1.29743	0.0156764	2.5754	2.5754	0.0001	1.31476	0.227647	4.59805	0.6512093	1
cg18725989	TFAP4	TBX1M	0.0169178	0.082997	7.7156	7.7156	0.00202291	1.57097	1.57097	0.159453	1.14881	1.14881	0.422514	1.25543	1.25543	7.5	7.5	0.004777271	0.575177	-1.74054	0.263944	0.7230003	-1.38312	0.0349644	0.498191	-2.00726	0.895226	0.964188	1.03714	5.666222	5.98156	0.923695	1
cg03156189	TFAP2C	0.00520837	0.3501861	0.776472	-1.28788	0.614554	0.874947	-1.14293	0.00603177	0.389164	-2.56961	0.0882229	0.609615	-1.64038	0.282005	0.745173	-1.34197	0.007165031	0.401133	-2.49294	0.000316396	0.2154455	-4.64133	0.810272	1.06532	1.06532	0.0043737	0.367351	-2.72219	7.24759	7.94516	0.974444	1
cg20070959	TFAP2C	0.0145419	0.0153238	0.944177	0.944177	0.0015167	0.515167	0.515167	0.0028564	0.707497	0.707497	0.183734	1.14345	1.14345	0.10234	0.5621	-1.77896	0.463907	0.468648	2.13444	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0
cg17958384	TFAP2C	0.0326164	0.254084	0.743808	-1.34443	0.366443	0.25934	1.25934	0.851963	0.954452	-1.04772	0.76425	0.927978	-1.07761	0.376074	1.25326	1.25326	0.0909076	0.58857	-1.58857	0.0026591	0.355998	-2.80901	0.0242696	0.513043	-1.94915	0.373802	0.797808	-1.25343	0.96667	3.88008	0.869485	1
cg04912566	TFAP2C;TFAP2C	0.00679018	0.0319993	0.8774	0.8774	0.0063837	0.576197	0.576197	0.0004882	0.636363	0.636363	0.140653	1.66346	1.66346	0.00148101	0.3993	-2.50451	0.556334	0.4201	-2.38095	0.0011	0.2381	-4.20168	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0
cg22832254	TFCP2L1	0.000630414	0.000354443	0.2900353	-3.44765	0.870512	0.965411	-1.03583	0.000103936	0.227439	-4.39679	0.00183928	0.384074	-2.59758	0.00618454	0.462813	-2.1607	0.01111611	0.503434	-1.98636	0.000467658	0.305178	-3.27677	0.03705654	0.59308	-1.68611	0.00528792	0.452355	2.210065	13.3977	8.87923	0.655451	1
cg21316921	TFCP2L1	0.000866726	0.0257056	0.662101	-1.51435	0.0118676	0.611177	-1.63619	0.225903	0.819264	-1.22061	0.165135	0.792867	-1.26125	0.000112903	0.345344	-2.89567	0.994078	0.100116	1.00116	0.0318869	0.639317	-1.56417	0.935358	1.0128	1.0128	6.24E-05	0.314959	-3.17874	12.2523	4.76861	0.345955	1
cg01212071	TFCP2L1	0.00153288	0.0062805	0.1994	0.1994	0.0004552	0.717179	1.39547	0.0026886	0.394	2.53807	0.0076	1.10768	1.10768	0.00282769	0.902	-1.10848	0.879985	0.976705	-1.0238	8.04E-05	0.1902	-5.25911	0.0242362	0.695164	-1.4381	0.0203383	0.818264	1.2221	0.01443	0.793675	0.34413	1
cg23325313	TFCP2L1	0.00163374	0.343624	1.15905	1.15905	0.000157671	0.376072	-2.65906	0.0743073	0.74017	-1.35104	0.539683	1.0985	1.0985	0.02702294	0.672942	-1.48601	0.367524	0.869315	-1.15033	0.796928	1.03979	1.03979	0.0387576	0.6962215	-1.43634	0.000253147	0.01452	-2.49053	10.2246	3.70691	0.322264	1
cg22671903	TFCP2L1	0.0160343	0.0640344	1.0128	1.0128	0.0031611	1.1348	1.1348	0.4726274	0.900042	-1.11106	0.0090945	0.9	0.9	0.000488881	2.045459	2.045459	0.0036803	2.737443	2.737443	0.0031203	2.7374434	2.7374434	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0
cg23365599	TFCP2L1	TFCP2L1	8.35E-05	0.843548	0.02618	1.02618	6.60E-05	0.384015	-2.60407	1.29E-05	0.301852	-3.31288	0.131918	1.23694	1.23694	0.149653	1.12454	1.12454	0.770766	0.962516	-1.03894	0.000359283	0.11391	0.741393	0.794594	0.958456	-1.04334	0.0208496	0.695125	-1.43839	23.2346	2.2922	0.240721	1
cg05887047	TFCP2L1	0.00155725	0.0389701	0.81207	-1.23142	0.0135839	1.30474	1.30474	0.01796	1.28463	1.28463	0.747511	1.02853	1.02853	0.13962	1.14851	1.14851	0.000617051	0.631182	-1.58273	0.00213183	0.68666	-1.45632	0.000223039	0.585455	-1.70787	5.64E-05	0.521153	-1.91882	19.5233	2.34604	0.106814	1
cg02101742	TFCP2L1	TFCP2L1	0.00159525	0.8395234	1.19529	1.19529	0.2966156	0.886405	-1.12784	1.1348	1.1348	0.472674	0.915555	1.09276	1.09276	0.364188	1.37661	1.37661	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0
cg23655599	TFCP2L1	TFCP2L1	0.00184052	0.2016818	0.02618	1.60E-05	0.3840015	-2.60407	1.29E-05	0.301852	-3.31288	0.131918	1.23694	1.23694	0.149653	1.12454	1.12454	0.770766	0.962516	-1.03894	0.000359283	0.11391	0.741393	0.794594	0.958456	-1.04334	0.0208496	0.695125	-1.43839	23.2346	2.2922	0.240721	1
cg00840348	TFCP2L1	TFCP2L1	0.00708469	0.1708388	-1.5312	0.7402187	0.1042888	0.775258	-1.29094	0.0139453	0.774362	-1.29094	0.0139453	0.774362	-1.34477	0.0001553	0.421392	-2.37273	0.31729	3.1506	1.1E-05	0.1445	6.9205	0.0144242	0.65537	-1.52586	0.0405987	0.718598	1.3916	0.0001	0.736737	12.36376	3.892838	0.274088	1
cg08083901	TFCP2L1	TFCP2L1	0.00109595	0.264194	0.814562	-1.22765	0.475805	1.13631	1.13631	0.00976073	1.7788	1.7788	0.370491	1.17594	1.17594	0.025138	0.625384	-1.59902	0.000332618	0.360386	-2.77481	0.00021861	0.337522	-2.96277	0.687568	1.07385	1.07385	0.0891971	0.718694	-1.39141	11.4643	5.63935	0.43725	1
cg10446656	TFCP2L1	TFCP2L1	0.00129273	0.484157	0.75983	-1.31597	0.328864	1.10868	1.10868	0.474126	0.934851	-1.07004	0.374483	-1.25818	0.821302	1.21679	1.21679	0.000168493	0.112127	8.916	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0
cg10439691	TFCP2L1	TFCP2L1	0.00131914	0.0370046	0.74945	-1.33431	0.036672	0.626365	-1.59651	0.00451215	0.637175	-1.56943	0.817964	1.02783	1.02783	0.0114541	0.686088	1.45754	0.727793	0.95244	-1.04949	0.000207957	0.20442	0.208401	0.853977	-1.17099	0.632518	1.05905	1.03875	0.244195	0.109626	1
cg04198286	TFCP2L1	TFCP2L1	0.00190259	7.46E-05	0.58368	-1.71322	0.57819	0.958152	-1.04368	0.175988	1.11369	1.11369	0.0798726	0.864631	-1.15656	0.0568305	0.851018	-1.17506	0.002262721	0.726415	1.37642	0.5404499	1.04747	0.145286	1.11086	1.11086	0.0057958	0.762999	-1.31062	0.17004	0.950109	0.099525	1
cg02726358	TFCP2L1	TFCP2L1	0.00156872	0.0531143	0.576196	-1.73526	0.0690554	0.64	-1.56252	0.0003547	0.792945	-1.26113	0.0371526	1.26113	1.26113	0.0002454	0.424638	2.35363	0.7929941	1.26113	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0
cg14759482	TFCP2L1	TFCP2L1	0.00199965	0.0047449	0.325211	-3.07492	0.00016485	0.132357	-7.55533	0.0153749	0.40331	-2.43718	0.153809	0.632976	-1.57894	0.0555069	0.356032	-2.97591	0.0093354	0.372507	-2.68451	0.00186186	0.266526	-3.75197	0.0124339	0.393896	-2.53874	0.268145	0.7079	-1.41263	5.64239	13.6984	1.2628	1
cg05959994	TFCP2L1	TFCP2L1	0.00134753	0.100883	0.4144	-2.41354	0.0127642	0.509882	-1.96078	0.0004296	0.754102	-1.32582	0.0154412	0.649453	0.871972	1.14805	0.0002278	4.388	0.5731451	1.74497	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0
cg03908017	TFCP2L1	TFCP2L1	0.00338761	0.1103111	0.645956	-1.54809	0.781482	0.932552	-1.07233	0.71897	0.913252	-1.09499	0.532771	1.17194	1.17194	0.000228304	0.214848	-4.65445	0.067147	0.597347	-1.67407	0.000713318	0.274104	-3.64825	0.02132	0.499139	-2.00345	0.032885	0.534357	-1.87341	8.25397	8.24407	0.887823	1
cg00503051	TFCP2L1	TFCP2L1	0.00338793	0.1560381	0.870483	-1.14879	0.153254	0.698871	-1.43088	0.0010946	0.547402	-1.84715	0.277559	0.917426	0.981673	-1.01867	0.000144979	0.214085	4.67103	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0.0001	0.0001	10000	0
cg12334911	TFCP2L1	TFCP2L1	0.00388903	0.059568	0.631054	-1.58465	0.00315165	0.365041	-2.73942	0.310269	0.79667	-1.25523	0.752656	1.07085	1.07085	0.000148982	0.243895	4.10013	0.042394	1.602548	-1.65962	0.172544	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0.0001	10000	0
cg18902203	TFCP2L1	TFCP2L1	0.00452491	0.248428	1.2917	1.2917	0.657006	1.09945	1.09945	0.484394	0.8600631	-1.1627	0.774202	0.940803	-1.06292	0.000301505	0.287455	-3.47881	0.026596071	0.414963	-2.40985	0.00472635	0.451037	-2.21711	0.200562	0.750652	-1.33217	0.369749	0.822495	-1.21581	7.56504	5.39226	0.633588	1
cg09041183	TFCP2L1	TFCP2L1	0.00478503	0.1984661	1.31212	1.31212	0.4199587	0.775328	1.29094	0.0139453	0.774362	-1.34477	0.0001553	0.421392	-2.37273	0.31729	3.1506	1.1E-05	0.1445	6.9205	0.0144242	0.65537	-1.52586	0.0405987	0.718598	1.3916	0.0001	0.736737	12.36376	3.892838	0.274088	1						
cg09200304	TFCP2L1	TFCP2L1	0.00691294	0.000245352	0.392203	-2.5497	0.467701	1.2209	0.0365499	0.687059	-1.45548	0.481298	0.895319	-1.11692	0.152975	0.789446	-1.26671	0.817729	0.107555	0.03754	0.0304234	0.148141	0.506568	1.10971	1.10971	0.876314	0.976227	-1.02435	6.64097	0.2705	0.508525	0.335942	1
cg12114794	TFCP2L1	TFCP2L1	0.00696448	0.0925	0.7355	-1.35951	0.0219965	0.5	-2	0.0139453	0.774362	-1.34477	0.0001553	0.421392	-2.37273	0.31729	3.1506	1.1E-05	0.1445	6.9205	0.0144242	0.65537	-1.52586	0.0405987	0.718598	1.3916	0.0001	0.736737	12.36376	3.892838	0.274088	1						
cg12795731	TFCP2L1	TFCP2L1	0.00761049	0.0701171	1.44578	1.44578	0.197244	1.28169	1.28169	0.179869	0.771569	-1.29606	0.681126	1.07813	1.07813	0.00827012	0.540744	-1.84931	0.170116	1.30475	1.30475	0.000842169	2.49473	2.49473	0.107664	1.37663	1.37663	0.299414	0.822175	1.21629	1.4444	1.38319	0.46665	1
cg02222321	TFCP2L1	TFCP2L1	0.00763097	0.0112565	0.68945	-1.45043	0.872204	0.981323	-1.01903	0.016361	0.709133	-1.41017	0.356907	0.894965	-1.11736	0.00770448	0.558013	-1.8155	0.763109	1.03637	1.03637	0.0216001	0.379554	2.63454	0.0220601	0.137954	1.37954	0.240207	0.865871	-1.15491	6.43897	1.39878	0.1931	1
cg07592944	TFCP2L1	TFCP2L1	0.00945406	0.753362	1.32715	1.32715	0.4154492	0.772	-1.29564	-0.42137	0.0877316	0.641799	-1.55744	0.469867	-1.8552	0.0001553	0.421392	-2.37273	0.31729	3.1506	1.1E-05	0.1445	6.9205	0.0144242	0.65537	-1.52586	0.0405987	0.718598	1.3916	0.0001	0.736737	12.36376	3.892838	0.274088	1
cg16637188	TFCP2L1	TFCP2L1	0.00976425	0.0091913	0.620416	-1.61182	0.423148	0.888624	-1.12534	0.654817	0.937114	-1.06711	0.567614	0.919998	-1.08696	0.00121268	0.504725	1.98128	0.358178	0.872513	-1.14612	0.0568166	1.36498	1.36498	0.0277699	0.687	-1.4556	0.0114147	0.633198	-1.57928	5.95585	1.96506	0.293278	1
cg13133655	TFCP2L1	TFCP2L1	0.00137791	0.1240784	0.40775

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16478145	TFPI;TFPI	0.0311925	0.0996378	0.664384	-1.50515	0.291947	0.780551	-1.28115	0.0066998	0.450746	-2.21854	0.118651	0.681262	-1.46786	0.0031693	0.401169	-2.49271
cg10312875	TFPI;TFPI	0.0328284	0.851069	1.04527	1.04527	0.00668083	0.436536	-2.29076	0.235464	0.746102	-1.3403	0.0382874	0.568049	-1.76041	0.0239868	0.530289	-1.88576
cg17892871	TFPT;TFPT;PRPF31	0.0164069	0.948292	0.992509	-1.00755	0.999307	0.999899	-1.0001	0.345336	0.893434	-1.11928	0.110958	0.817641	-1.22303	0.000409287	0.52165	-1.91699
cg11432630	TFR2	0.000834451	0.0178172	1.54913	1.54913	0.00281162	1.86906	1.86906	0.0213743	1.52227	1.52227	0.00829118	1.67006	1.67006	0.771981	1.04514	1.04514
cg01749347	TFR2	0.00265638	0.0681172	0.773436	-1.29293	0.10268	0.798864	-1.25178	0.000742961	1.90414	1.90414	0.16049	0.828162	-1.20749	0.359683	0.888308	-1.12574
cg11751434	TFR2	0.00697935	0.00499004	3.01308	3.01308	0.109711	1.67793	1.67793	0.210478	1.47944	1.47944	0.00762133	2.76867	2.76867	0.0835472	1.76563	1.76563
cg19767562	TFR2	0.00714621	0.251734	1.73083	1.73083	0.00244205	6.90433	6.90433	0.00133835	8.46534	8.46534	0.00631358	5.10154	5.10154	0.78684	1.13223	1.13223
cg26104384	TFR2	0.00815761	0.184593	1.52428	1.52428	0.00158893	4.17178	4.17178	0.0191109	2.38196	2.38196	0.110839	1.68638	1.68638	0.00772995	0.347261	-2.87968
cg01919768	TFR2	0.011213	0.00890998	0.244271	-4.09382	0.00626003	0.221165	-4.5215	0.0236271	0.31836	-3.1411	0.0220182	0.312434	-3.20068	0.141454	0.511855	-1.95368
cg04739306	TFR2	0.0117776	?	?	?	0.00203514	3.63317	3.63317	0.0150247	2.42687	2.42687	?	?	?	0.406498	0.777346	-1.28643
cg06582411	TFR2	0.0132809	0.00783474	0.354448	-2.82129	0.063398	0.530221	-1.886	0.926885	1.02829	1.02829	0.244646	0.690797	-1.4476	0.00044311	0.18535	-5.3952
cg09369818	TFR2	0.0136813	0.830583	0.938549	-1.06547	0.307412	0.731442	-1.36716	0.0173327	0.424089	-2.358	0.225298	1.45783	1.45783	0.000736751	0.219193	-4.56218
cg01338494	TFR2	0.015513	0.739371	1.0863	1.0863	0.0294082	0.529422	-1.88885	0.208876	0.720061	-1.38877	0.459296	1.20539	1.20539	0.00183366	0.333756	-2.99621
cg08571362	TFR2	0.0160922	0.0268014	1.71152	1.71152	0.00873861	1.98242	1.98242	0.453102	1.16949	1.16949	0.120477	1.412	1.412	0.31032	1.23993	1.23993
cg18224793	TFR2	0.0215486	0.00850789	0.220159	-4.54217	0.8293	1.10219	1.10219	0.323543	0.631597	-1.58329	0.225402	0.563394	-1.77496	0.00874401	0.221955	-4.50541
cg12792367	TFR2	0.0334216	0.26892	0.833085	-1.20036	0.0293207	1.50253	1.50253	0.382972	0.86771	-1.15246	0.0185107	1.57307	1.57307	0.245455	0.824748	-1.21249
cg03808577	TFR2	0.0376535	0.0717528	0.592944	-1.6865	0.977786	0.992788	-1.00726	0.0451003	0.550078	-1.81793	0.00817111	0.414801	-2.41079	0.0103646	0.431974	-2.31496
cg10681065	TFR2;TFR2	0.0277632	0.00780278	0.34764	-2.87654	0.0246974	2.28735	2.28735	0.623481	0.858067	-1.16541	0.575853	1.19108	1.19108	0.376753	0.75533	-1.32392
cg19025187	TFRC;TFRC	6.83E-07	0.741268	0.959586	-1.04212	0.425493	0.903641	-1.10663	0.957009	0.993311	-1.00673	5.07E-09	23.1734	23.1734	0.517614	1.0851	1.0851
cg17380870	TFRC;TFRC	0.0019789	4.15E-05	0.0269334	-37.1286	0.796475	0.887242	-1.12709	0.279587	1.68258	1.68258	0.440723	0.694933	-1.43899	0.0837799	0.41239	-2.42489
cg03462622	TFRC;TFRC	0.0192259	0.522288	1.07799	1.07799	0.00309692	0.62582	-1.5979	0.157677	0.8395	-1.19118	0.680559	0.953193	-1.04911	0.0460356	1.30312	1.30312
cg11087101	TFRC;TFRC	0.0252946	0.00516696	0.364503	-2.74346	0.320195	1.32414	1.32414	0.0599608	1.78618	1.78618	0.788321	1.07633	1.07633	0.816371	0.938398	-1.06565
cg16311045	TFRC;TFRC	0.0282518	0.983759	1.00375	1.00375	0.00167536	2.28699	2.28699	0.753963	1.05959	1.05959	0.0393501	1.55097	1.55097	0.112849	1.37401	1.37401
cg27335386	TFRC;TFRC;TFRC;TFRC	0.0416668	0.605598	0.897201	-1.11458	0.0171893	0.54628	-1.83056	0.819887	0.953616	-1.04864	0.311113	0.803934	-1.24388	0.101489	0.688393	-1.45266
cg11993451	TG	1.11E-05	8.21E-06	0.341527	-2.92803	9.02E-06	0.34615	-2.88892	0.00279001	1.57591	1.57591	0.162847	0.848405	-1.17868	0.0603908	0.791595	-1.26327
cg22335261	TG	0.000348199	0.703185	0.947225	-1.05572	0.0333401	0.703121	-1.42223	0.0075159	0.614322	-1.62781	0.186927	1.21911	1.21911	0.939566	0.989319	-1.0108
cg12515917	TG	0.00325774	0.0681065	0.494862	-2.02077	0.00124102	0.196884	-5.07913	0.00964462	0.323678	-3.08949	0.102377	0.540362	-1.85061	0.0695651	0.497117	-2.0116
cg04918350	TG	0.00571883	0.202204	0.737722	-1.35553	0.032671	0.568542	-1.75889	0.00999227	0.479597	-2.08508	0.63401	0.897312	-1.11444	0.000352351	0.273355	-3.65824
cg18335233	TG	0.00884681	0.102809	0.746656	-1.33931	0.10387	0.747449	-1.33788	0.0446923	0.685744	-1.45827	0.0267312	0.650732	-1.53673	0.000280564	0.378226	-2.64392
cg00776405	TG	0.00997744	0.0284143	0.297709	-3.35898	0.0105434	0.221534	-4.51398	0.00190123	0.127354	-7.85212	0.0412458	0.331904	-3.01292	0.00340102	0.154908	-6.45546
cg26242708	TG	0.0118166	0.826449	0.95753	-1.04435	0.0179495	0.566451	-1.76538	0.828673	1.04376	1.04376	0.443928	0.857053	-1.16679	0.00194599	2.37765	2.37765
cg21666956	TG	0.0184856	0.0296956	0.234304	-4.26796	0.716071	0.812918	-1.23014	0.018696	0.198679	-5.03325	0.0461493	0.273739	-3.65311	0.0242191	0.217945	-4.58831
cg12133754	TG;SLA;SLA	0.00449847	0.0407917	0.592935	-1.68653	0.148415	1.4093	1.4093	0.0296369	1.76244	1.76244	0.82768	1.04943	1.04943	0.00260725	0.397337	-2.51676
cg12136514	TG;SLA;SLA	0.0083941	0.00952417	0.22087	-4.52755	0.124518	0.465433	-2.14854	0.00283994	0.151145	-6.61615	0.304167	0.613014	-1.63128	0.00144298	0.120314	-8.31161
cg08911152	TG;SLA;SLA	0.0120985	0.0106204	0.293659	-3.40531	0.0115547	0.299855	-3.33495	0.00287007	0.209257	-4.77882	0.147372	0.552707	-1.80928	0.008927	0.281207	-3.5561
cg11883141	TG;SLA;SLA	0.0164814	0.00706732	0.258603	-3.86693	0.0317767	0.376127	-2.65867	0.0128902	0.301339	-3.31852	?	?	?	0.0385047	0.394011	-2.538
cg21653105	TG;SLA;SLA	0.0258164	0.335143	0.829651	-1.20533	0.904549	1.0228	1.0228	0.0260999	0.608955	-1.64216	0.120903	0.729046	-1.37166	0.330357	1.20771	1.20771
cg22539390	TGDS	6.61E-06	0.215293	0.841072	-1.18896	8.22E-06	0.274816	-3.63879	4.68E-06	0.248461	-4.02478	0.0624214	0.757072	-1.32088	5.90E-07	0.161049	-6.2093
cg25582669	TGDS	2.90E-05	0.00199391	0.301209	-3.31996	2.14E-05	10.5103	10.5103	0.24379	1.39833	1.39833	0.0084162	2.52245	2.52245	0.000238521	0.187727	-5.32689
cg22605348	TGDS	0.00160343	0.845252	1.01793	1.01793	0.0634742	1.20898	1.20898	0.116952	0.856514	-1.16752	0.0075372	1.3671	1.3671	0.231904	1.12078	1.12078
cg04206742	TGDS	0.00266847	0.0463403	0.335433	-2.98122	0.00132267	9.35225	9.35225	0.156799	2.06438	2.06438	0.0420622	3.0683	3.0683	0.0275683	0.287337	-3.48023
cg25423563	TGDS	0.00542207	0.1455	0.673066	-1.48574	0.000711403	3.69148	3.69148	0.065902	0.592927	-1.68655	0.0820629	1.62907	1.62907	0.0368521	0.541091	-1.84812
cg14873739	TGFA;TGFA	0.000516038	0.0846167	0.750343	-1.33272	0.0150508	1.56825	1.56825	0.0132137	1.5881	1.5881	0.0133106	1.58697	1.58697	0.864729	0.974651	-1.02601
cg18522284	TGFA;TGFA	0.00281243	0.566975	1.06497	1.06497	0.0070964	1.45991	1.45991	0.00570479	1.48337	1.48337	0.170447	1.1721	1.1721	0.263067	1.13533	1.13533
cg20097593	TGFA;TGFA	0.00818807	0.00530754	0.536693	-1.86326	0.691749	1.06983	1.06983	0.818938	1.0396	1.0396	0.0894066	1.37333	1.37333	0.00197546	0.476891	-2.09692
cg10331500	TGFA;TGFA	0.0137183	0.0631426	2.05453	2.05453	0.768545	0.903334	-1.10701	0.0891552	0.524235	-1.90754	0.183	1.62707	1.62707	0.0444198	0.45144	-2.21513
cg07004820	TGFA;TGFA	0.0247106	0.613595	1.04916	1.04916	0.162574	1.15087	1.15087	0.181548	0.87487	-1.14303	0.0709004	0.826792	-1.20949	0.0101861	0.736823	-1.35718
cg14784608	TGFA;TGFA;TGFA;TGFA	0.0147397	0.273046	1.21062	1.21062	0.0392601	0.670558	-1.4913	0.931284	1.01455	1.01455	0.357156	1.17195	1.17195	0.41395	0.869419	-1.15019
cg20748073	TGFB1	0.000974415	0.000373944	0.171284	-5.83825	0.00111062	0.225387	-4.43682	0.00548574	0.322287	-3.10282	0.31572	0.724934	-1.37944	0.000147738	0.13221	-7.56371
cg04547554	TGFB1	0.00459912	0.167704	0.657782	-1.52026	0.15069	0.644835	-1.55078	0.369808	0.769233	-1.3	0.220296	1.44356	1.44356	0.151297	1.54963	1.54963
cg09926389	TGFB1	0.00680942	0.00919527	7.08135	7.08135	0.00206334	13.0469	13.0469	0.531855	1.45473	1.45473	0.488607	0.6594	-1.51653	0.517518	0.67816	-1.47458
cg19580847	TGFB1	0.00764416	0.40225	0.898098	-1.11346	0.811941	1.03033	1.03033	0.0723418	1.28585	1.28585	0.215261	1.17767	1.17767	0.00748601	0.649439	-1.53979
cg13342441	TGFB1	0.00799867	0.991276	1.00125	1.00125	0.289986	0.881642	-1.13425	0.127191	1.20828	1.20828	0.297859	1.13177	1.13177	0.869253	1.01908	1.01908
cg05637188	TGFB1	0.012342	0.00111616	0.253545	-3.94408	0.246895	1.4135	1.4135	0.610564	1.15812	1.15812	0.00400531	0.331099	-3.02024	0.446741	1.24814	1.24814
cg15735736	TGFB1	0.032856	0.025843	0.159562	-6.26715	0.0242245	0.155135	-6.44601	0.0445383	0.201886	-4.9533	0.153141	0.34609	-2.88942	0.0127413	0.116871	-8.55647
cg21198010	TGFB1	0.0360633	0.00794935	1.33742	1.33742	0.824397	0.981192	-1.01917	0.38855	1.07842	1.07842	0.0466786	1.21483	1.21483	0.0227717	1.2622	1.2622
cg01107031	TGFB1;TGFB1	0.00760892	0.0691004	1.8387	1.8387	0.0443352	0.500751	-1.997	0.0381285	2.05383	2.05383	0.0887798	0.569987	-1.75443	0.930081	1.02663	1.02663
cg05509753	TGFB1I1;TGFB1I1	0.00637002	0.001967	0.508709	-1.96576	0.517484	0.903585	-1.1067	0.00161215	0.497261	-2.01102	0.12835	0.775724	-1.28912	0.0050318	0.56369	-1.77403
cg01775612	TGFB1I1;TGFB1I1;TGFB1I1	4.21E-05	0.0838898	1.29173	1.29173	0.000343936	0.462499	-2.16216	0.000927829	1.93817	1.93817	0.0260404	0.702242	-1.42401	0.143516	0.810296	-1.23412
cg03355781	TGFB1I1;TGFB1I1;TGFB1I1	6.14E-05	0.0790894	1.35143	1.35143	5.61E-06	0.205544	-4.86515	0.197404	1.23427	1.23427	0.00224049	0.51631	-1.93682	0.898664	0.980512	-1.01988
cg13483597	TGFB1I1;TGFB1I1;TGFB1I1	0.00644963	0.0473105	4.1873	4.1873	0.0909385	3.23839	3.23839	0.136061	2.75549	2.75549	0.0117828	7.27844	7.27844	0.627856	0.734735	-1.36104
cg25395329	TGFB1I1;TGFB1I1;TGFB1I1	0.0106787	0.16662	1.47376	1.47376	0.0318437	1.93776	1.93776	0.325739	1.30583	1.30583	0.414773	1.24511	1.24511	0.798451	1.06961	1.06961
cg04060128	TGFB1I1;TGFB1I1;TGFB1I1	0.0205823	0.0441042	3.52493	3.52493	0.0825216	2.85048	2.85048	0.161492	2.25786	2.25786	0.192766	2.11876	2.11876	0.0167373	4.90702	4.90702
cg08619455	TGFB1I1;TGFB1I1;TGFB1I1	0.0244902	0.032023	0.488684	-2.04631	0.00349582	0.323241	-3.09367	0.885713	0.959835	-1.04185	0.306335	0.739427	-1.3524	0.0376509	0.50293	-1.98835
cg01855013	TGFB1I1;TGFB1I1;TGFB1I1	0.0290387	0.309146	0.853002	-1.17233	0.00916179	0.606573	-1.64861	0.269675	0.840603	-1.18962	0.217232	0.821921	-1.21666	0.18333	0.807944	-1.23771
cg06214241	TGFB1I1;TGFB1I1;TGFB1I1	0.0377772	0.00282212	0.251337	-3.97872	0.670531	1.1545	1.1545	0.938999	1.02603	1.02603	0.289245	1.44674	1.44674	0.165491	0.608601	-1.64311
cg05984244	TGFB1I1;TGFB1I1;TGFB1I1	0.0422309	0.259292	1.647	1.647	0.066736	2.39057	2.39057	0.0671713	2.38647	2.38647	0.470219	1.36542	1.36542	0.116395	2.06135	2.06135
cg20698667	TGFB2;TGFB2	0.00030132	0.000156893	0.245657	-4.07072	0.00996368	0.49346	-2.02651	0.0752895	1.53695	1.53695	0.191823	0.740919	-1.34967	0.0429897	0.603252	-1.65768
cg22021178	TGFB2;TGFB2	0.000535995	0.00672544	0.576704	-1.73399	0.996812	0.999374	-1.00063	0.0225498	1.53395	1.53395	0.00495454	0.558345	-1.79101	0.898562	0.980223	-1.02018
cg25132662	TGFB2;TGFB2	0.00545645	0.0016082	0.264831	-3.776	0.0272615	0.464238	-2.15407	0.31946	0.739204	-1.35281	0.103622	0.592876	-1.68669	0.000777235	0.22458	-4.45277
cg07810039	TGFB2;TGFB2	0.016045	0.00530509	0.174518	-5.73006	0.00415034	0.161103	-6.20719	0.0423384	0.32923	-3.03739	0.0649782	0.373603	-2.67664	0.12792	0.457497	-2.1858
cg16967578	TGFB2;TGFB2	0.0446333	0.0192841	0.124315	-8.04406	0.0117386	0.0983877	-10.1639	0.256571	0.417991	-2.3924	0.263271	0.423551	-2.36099	0.0108233	0.0946437	-10.5659
cg05864191	TGFB3	0.000117084	0.000179868	0.410052	-2.43871	0.40676	1.12672	1.12672	0.296955	1.16418	1.16418	0.0764369	0.757992	-1.31928	0.00464648	0.58904	-1.69768
cg20096775	TGFB3	0.00307392	0.605791	0.877968	-1.13899	0.290272	1.31571	1.31571	0.369505	0.794218	-1.2591	0.470395	1.2015	1.2015	8.59E-05	0.171566	-5.82865
cg24696715	TGFB3	0.022574	0.0585942	1.66112	1.66112	0.0752561	1.60075	1.60075	0.0158524	2.01754	2.01754	0.137028	1.46294	1.46294	0.0110748	2.13122	2.13122
cg16292972	TGFB3	0.0422945	0.182213	1.23157	1.23157	0.0826124	0.753659	-1.32686	0.0496676	0.719337	-1.39017	0.261554	1.18797	1.18797	0.233833	1.20156	1.20156
cg25566312	TGFBI	3.63E-06	0.141923	0.797228	-1.25435	0.00151683	0.519187	-1.92609	1.34E-05	0.270169	-3.70138	0.304717	0.858527	-1.16479	2.29E-07	0.107367	-9.31382
cg07697770	TGFBI	4.26E-06	2.94E-06	0.364589	-2.74282	0.0721548	0.834039	-1.19899	0.000103567	0.537463	-1.86059	3.22E-05	0.481275	-2.07782	0.00207003	0.675585	-1.4802
cg09096234	TGFBI	0.00224368	0.00954795	0.649356	-1.53999	0.270379	0.859882	-1.16295	0.0805021	0.774913	-1.29047	0.280516	0.862814	-1.159	0.0113884	0.659241	-1.5169
cg06820412	TGFBI	0.00438625	0.961112	0.992468	-1.00759	0.0011825	2.09072	2.09072	0.515669	0.90285	-1.1076	0.091786	0.749891	-1.33353	0.0333983	0.680152	-1.47026
cg10187927	TGFBI	0.00529022	0.266103	0.785552	-1.27299	0.302968	1.24889	1.24889	0.277509	1.26521	1.26521	0.0177996	1.82237	1.82237	0.000423322	0.312483	-3.20017
cg12339920	TGFBI	0.00869114	0.0179372	0.444847	-2.24797	0.65243	0.880134	-1.13619	0.00318081	0.321574	-3.1097	0.0403937	0.513371	-1.94791	0.114622	0.616784	-1.62131
cg21550219	TGFBI	0.0159703	0.00827048	0.256197	-3.90325	0.0762721	0.451403	-2.21531	0.00375621	0.206473	-4.84324	0.00590678	0.234007	-4.27338	0.00820224	0.255632	-3.91188
cg21583694	TGFBI	0.0206186	0.039236	0.53966	-1.85302	0.0921952	1.61484	1.61484	0.561307	0.859104	-1.164	0.00986094	0.43032	-2.32385	0.386329	0.794844	-1.25811
cg15526708	TGFBR1;TGFBR1	0.00297955	0.0716199	1.83767	1.83767	0.000787614	4.64121	4.64121	0.624705	0.86145	-1.16083	0.00142405	4.03907	4.03907	0.0642269	0.533111	-1.87578
cg13608979	TGFBR1;TGFBR1	0.00430574	0.0432218	0.547527	-1.8264	0.762321	1.08173	1.08173	0.0854817	0.611166	-1.63622	0.00179471	0.316456	-3.16	0.172622	0.686631	-1.45639
cg08414635	TGFBR1;TGFBR1	0.0232218	0.00424274	0.277247	-3.60689	0.259562	1.48321	1.48321	0.744301	1.11594	1.11594	0.0593898	2.04073	2.04073	0.693047	0.875489	-1.14222
cg14426785	TGFBR1;TGFBR1	0.0273658	0.0250211	0.232038	-4.30964	0.215911	0.489905	-2.04121	0.325697	0.573502	-1.74367	0.176314	2.19815	2.19815	0.00388915	0.118836	-8.41498
cg13827209	TGFBR1;TGFBR1	0.0474018	0.0126462	0.296257	-3.37545	0.29752	0.654529	-1.52782	0.0190173	0.32816	-3.04729	0.0867065	0.475901	-2.10128	0.0100884	0.279695	-3.57532
cg26376346	TGFBR2;TGFBR2	1.83E-07	2.44E-05	0.398617	-2.50867	0.000327687	0.529774	-1.8876	7.58E-06	0.340558	-2.93635	2.65E-06	0.289974	-3.44859	0.00309932	0.642122	-1.55734
cg24321706	TGFBR2;TGFBR2	2.50E-05	0.0447232	0.665513	-1.5026	0.898798	0.977767	-1.02274	0.000496632	0.381702	-2.61984	2.07E-05	0.218963	-4.56699	0.012877	0.579429	-1.72584
cg19482049	TGFBR2;TGFBR2	0.000383603	0.00597407	0.398408	-2.50999	0.109963	1.56227	1.56227	0.393242	0.799356	-1.25101	0.000150173	0.188829	-5.29581	0.000376045	0.233211	-4.28796
cg12926720	TGFBR2;TGFBR2	0.00104237	0.0394722	0.538662	-1.85645	0.00850005	2.39265	2.39265	0.0440736	0.548331	-1.82371	0.00312296	0.350031	-2.85689	0.0245402	0.498719	-2.00514
cg14910241	TGFBR2;TGFBR2	0.00143176	0.77941	1.02414	1.02414	0.000397003	0.619364	-1.61456	0.785766	1.02342	1.02342	0.0887142	1.17295	1.17295	0.000157265	1.73213	1.73213
cg17546721	TGFBR2;TGFBR2	0.00543424	0.736513	1.0904	1.0904	0.0223248	0.49574	-2.01719	0.00431154	0.376043	-2.65927	0.000612903	0.258635	-3.86646	0.238813	0.728931	-1.37187
cg23485307	TGFBR2;TGFBR2	0.00820587	0.00238361	0.159611	-6.26522	0.213778	0.567074	-1.76344	0.0276286	0.323513	-3.09107	0.00136482	0.133483	-7.49161	0.00442016	0.192761	-5.18776
cg06270049	TGFBR2;TGFBR2	0.0115312	0.752473	0.917617	-1.08978	0.763583	1.08542	1.08542	0.55363	1.17682	1.17682	0.000472202	0.224815	-4.44809	0.768823	0.923035	-1.08338
cg24719910	TGFBR2;TGFBR2	0.023947	0.0111696	0.288332	-3.46822	0.0133697	0.301732	-3.3142	0.0445755	0.405784	-2.46437	0.0397575	0.394663	-2.53381	0.0435254	0.403441	-2.47868
cg12419522	TGFBR2;TGFBR2	0.0327985	0.419488	1.32986	1.32986	0.0681192	2.0259	2.0259	0.366442	0.72566	-1.37806	0.0901089	0.524369	-1.90706	0.331924	0.70755	-1.41333
cg19615017	TGFBR2;TGFBR2	0.0380602	0.331771	1.29062	1.29062	0.0184722	0.482831	-2.07112	0.652744	0.891009	-1.12232	0.128936	0.658328	-1.519	0.339727	1.28493	1.28493
cg07285675	TGFBR2;TGFBR2	0.038634	0.337662	1.19567	1.19567	0.0915498	0.714691	-1.39921	0.0183088	0.595912	-1.6781	0.935703	0.985519	-1.01469	0.00640948	1.89874	1.89874
cg25438762	TGFBR2;TGFBR2	0.0442363	0.113784	0.746946	-1.33878	0.126706	1.3233	1.3233	0.158778	1.291	1.291	0.501826	1.12254	1.12254	0.0896472	0.728116	-1.37341
cg03256955	TGFBR2;TGFBR2	0.0478861	0.737867	0.861389	-1.16092	0.93501	1.03689	1.03689	0.246653	0.583824	-1.71285	0.00490349	5.23839	5.23839	0.0219903	0.295085	-3.38885
cg08848903	TGFBR3	0.000425523	0.000404049	0.29443	-3.3964	0.00153237	0.371067	-2.69493	0.00337426	0.420286	-2.37933	0.0851163	1.51268	1.51268	0.000318721	0.281646	-3.55056
cg23113350	TGFBR3	0.00398676	0.00332934	0.231799	-4.31409	0.903977	0.956813	-1.04514	0.188623	1.6645	1.6645	0.194292	1.65254	1.65254	0.0507546	0.442999	-2.25734
cg10324998	TGFBR3	0.00430333	0.00325163	0.236058	-4.23625	0.000858229	0.165135	-6.05565	0.00262124	0.2234	-4.47628	0.0186401	0.358448	-2.78981	0.0125552	0.327314	-3.05517
cg00342358	TGFBR3	0.00814272	0.575546	1.37345	1.37345	0.414088	1.59735	1.59735	0.427346	0.634696	-1.57556	0.27039	0.525316	-1.90362	0.00499769	0.12444	-8.03598
cg01336162	TGFBR3	0.00835213	0.929572	0.958334	-1.04348	0.10314	2.3592	2.3592	0.294213	0.592275	-1.68841	0.5406	0.742124	-1.34748	0.0154174	0.23903	-4.18357
cg00563926	TGFBR3	0.0102831	0.00483171	0.277131	-3.6084	0.285359	1.46366	1.46366	0.430696	0.758723	-1.318	0.0285263	2.42826	2.42826	0.0372958	0.436131	-2.29289
cg26659853	TGFBR3	0.012933	0.17479	0.744146	-1.34382	0.00187143	0.405266	-2.46752	0.203372	0.759638	-1.31642	0.0390426	0.613179	-1.63085	0.752046	1.06705	1.06705
cg09790580	TGFBR3	0.0129525	0.380574	1.28972	1.28972	0.00654499	2.71629	2.71629	0.0560989	1.84417	1.84417	0.274858	1.37902	1.37902	0.00208689	0.293699	-3.40484
cg18539768	TGFBR3	0.0132417	0.012939	0.521298	-1.91829	0.613568	1.11352	1.11352	0.000539616	0.321004	-3.11523	0.967549	0.991447	-1.00863	0.471413	0.856681	-1.1673

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16478145	0.235367	0.754433	-1.3255	0.263353	0.76782	-1.30239	0.0132512	0.498804	-2.00479	0.841995	0.955785	-1.04626	4.03052	3.27718	0.722748	1
cg10312875	0.175596	0.712292	-1.40392	0.42464	1.21175	1.21175	0.770692	1.07127	1.07127	0.0117181	0.476254	-2.09972	3.95746	3.47793	0.781182	1
cg17892871	0.215138	0.859612	-1.16332	0.0180502	0.716762	-1.39516	0.820526	1.0267	1.0267	0.531795	1.07619	1.07619	5.02877	1.07056	0.189233	1
cg11432630	0.848623	1.02946	1.02946	0.0390405	0.69561	-1.43759	0.0272112	1.48759	1.48759	3.53E-05	3.36494	3.36494	12.3842	4.52851	0.325039	1
cg01749347	0.111758	0.804273	-1.24336	0.012441	1.4787	1.4787	0.22775	0.8528	-1.17261	0.00276453	1.68062	1.68062	8.87196	2.22232	0.222656	1
cg11751434	0.858597	1.05436	1.05436	0.0463389	1.96879	1.96879	0.00286479	3.37961	3.37961	0.000800689	4.49191	4.49191	6.62121	9.23863	1.24027	1
cg19767562	0.757749	0.867839	-1.15229	0.315616	0.621643	-1.60864	0.696164	1.19698	1.19698	0.0140143	4.01471	4.01471	6.57259	21.8513	2.9552	1
cg26104384	0.853571	1.05638	1.05638	0.0931032	1.74469	1.74469	0.0149031	2.50633	2.50633	0.870394	0.95268	-1.04967	7.21024	9.84983	1.06251	1
cg01919768	0.0491918	0.386376	-2.58815	0.00114148	0.131845	-7.58464	0.0258079	0.325919	-3.06825	0.128795	0.498948	-2.00422	5.69718	16.1868	2.52551	1
cg04739306	0.626609	0.864659	-1.15652	0.0329642	0.477238	-2.09539	0.748496	0.908997	-1.10011	0.511751	1.21821	1.21821	5.85566	6.34576	1.23851	1
cg06582411	0.448133	0.79061	-1.26485	0.891932	0.959528	-1.04218	0.371543	1.32161	1.32161	0.389188	0.764755	-1.30761	5.39233	7.88871	1.3004	1
cg09369818	0.447673	0.79528	-1.25742	0.046452	0.509108	-1.96422	0.82436	1.06801	1.06801	0.165269	1.54975	1.54975	5.34011	7.40991	1.23342	1
cg01338494	0.591191	0.87422	-1.14388	0.00195911	0.337813	-2.96022	0.711688	0.912074	-1.0964	0.512551	0.848183	-1.17899	5.12333	4.98729	0.865287	1
cg08571362	0.12646	1.40307	1.40307	0.00843009	0.501993	-1.99206	0.0486003	1.5864	1.5864	0.0463213	1.59612	1.59612	5.06131	3.36383	0.590769	1
cg18224793	0.0435632	0.351403	-2.84573	0.00212255	0.142796	-7.00298	0.201826	0.544774	-1.83562	0.124628	0.472723	-2.1154	4.58642	14.7526	2.85919	1
cg12792367	0.014202	1.61577	1.61577	0.285642	0.838715	-1.1923	0.222011	0.815816	-1.22577	0.883683	1.02349	1.02349	3.93207	1.56656	0.354139	1
cg03808577	0.0455561	0.550971	-1.81498	0.0313638	0.518697	-1.92791	0.19593	0.700801	-1.42694	0.0580804	0.573005	-1.74518	3.76572	4.03077	0.951451	1
cg10681065	0.0335278	0.463806	-2.15607	0.0414516	2.06983	2.06983	0.567521	0.836299	-1.19574	0.747589	0.904936	-1.10505	4.20033	6.36667	1.34734	1
cg19025187	0.466874	0.911941	-1.09656	0.0550552	0.762745	-1.31105	0.66719	1.05534	1.05534	0.26498	1.15563	1.15563	80.8101	19.8398	0.218232	1
cg17380870	0.592419	0.778695	-1.2842	0.0511697	0.357742	-2.79531	0.111706	2.22967	2.22967	0.103077	2.28286	2.28286	9.67174	32.8213	3.01646	1
cg03462622	0.407973	0.906639	-1.10298	0.0364225	1.32527	1.32527	0.0721136	0.792592	-1.26168	0.137441	0.830895	-1.20352	4.76796	1.01261	0.18878	1
cg11087101	0.23967	1.4001	1.4001	0.168983	0.669936	-1.49268	0.0104238	2.41461	2.41461	0.909146	1.0317	1.0317	4.3395	5.13489	1.05181	1
cg16311045	0.756993	1.05881	1.05881	0.719549	1.06864	1.06864	0.00615185	1.93098	1.93098	0.570443	1.11135	1.11135	4.17459	2.24108	0.47719	1
cg27335386	0.32807	0.810397	-1.23396	0.00236406	0.413498	-2.41839	0.321913	1.23751	1.23751	0.605621	1.11457	1.11457	3.62802	2.49193	0.61054	1
cg11993451	0.133163	0.836286	-1.19576	2.11E-05	2.57553	2.57553	0.0962702	0.81747	-1.22329	0.00380901	1.53821	1.53821	39.4551	7.6098	0.171442	1
cg22335261	0.000125106	0.388078	-2.5768	7.50E-05	0.361258	-2.7681	0.718715	0.950064	-1.05256	0.000187066	0.409429	-2.44243	15.7916	5.0168	0.282389	1
cg12515917	0.00497844	0.278004	-3.59707	0.00102548	0.187161	-5.34301	0.00093689	0.182668	-5.47442	0.0214024	0.385982	-2.59079	8.35083	15.6822	1.66926	1
cg04918350	0.0208048	0.533349	-1.87495	0.00190576	0.370277	-2.70068	0.0563247	0.613723	-1.6294	0.400764	0.82341	-1.21446	7.04258	5.6924	0.718474	1
cg18335233	0.822265	1.03751	1.03751	0.595333	1.09171	1.09171	0.0859933	0.733043	-1.36418	0.0211592	0.635275	-1.57412	6.14574	2.60785	0.377186	1
cg00776405	0.0449339	0.340278	-2.93877	0.00711425	0.196215	-5.09645	0.117288	0.450728	-2.21863	0.0400493	0.329073	-3.03884	5.91489	20.5537	3.0888	1
cg26242708	0.346045	0.825485	-1.21141	0.441184	1.16792	1.16792	0.00761407	0.50753	-1.97033	0.276691	1.25058	1.25058	5.60139	3.46505	0.549872	1
cg21666956	0.560367	1.39637	1.39637	0.00158056	0.0763484	-13.0979	0.0467137	0.274913	-3.63751	0.697801	0.801513	-1.24764	4.83162	24.6042	4.52652	1
cg12133754	0.175333	1.37574	1.37574	0.522169	0.866257	-1.15439	0.00104435	2.92709	2.92709	0.687468	0.914379	-1.09364	7.5785	5.8799	0.689659	1
cg12136514	0.0182344	0.267702	-3.73549	0.0140134	0.247807	-4.0354	0.024825	0.29276	-3.41576	0.0178892	0.266214	-3.75638	6.24872	20.9278	2.97702	1
cg08911152	0.167236	0.57035	-1.75331	0.00293881	0.210604	-4.74824	0.21959	0.611201	-1.63612	0.111393	0.516164	-1.93737	5.55873	12.805	2.04763	1
cg11883141	?	?	?	0.0120788	0.296467	-3.37305	0.33889	0.681825	-1.46665	0.02243	0.345563	-2.89383	5.23328	9.73016	2.1249	1
cg21653105	0.193736	1.29482	1.29482	0.00200699	2.2686	2.2686	0.692885	1.07743	1.07743	0.784146	0.949718	-1.05294	4.30872	2.40909	0.496995	1
cg22539390	0.804351	1.03348	1.03348	0.581376	1.0767	1.0767	0.583657	0.929188	-1.07621	7.36E-05	0.384298	-2.60215	45.1669	12.5964	0.247898	1
cg25582669	0.0127738	0.427219	-2.34072	4.24E-05	8.50395	8.50395	0.000737059	4.0947	4.0947	0.172155	0.670622	-1.49115	30.7367	36.7956	1.06411	1
cg22605348	0.0669931	0.829671	-1.2053	0.00219221	0.676632	-1.47791	0.000739251	0.627452	-1.59375	0.00469953	0.71058	-1.4073	10.2801	1.34656	0.116434	1
cg04206742	0.106009	0.429565	-2.32794	0.00163321	8.66776	8.66776	0.0299994	3.39336	3.39336	0.823513	0.898604	-1.11284	8.86007	32.1448	3.22494	1
cg25423563	0.0253737	0.510084	-1.96046	0.772258	1.07628	1.07628	0.280227	1.32887	1.32887	0.0924444	0.625577	-1.59852	7.15884	7.27493	0.903303	1
cg14873739	0.00128088	2.02803	2.02803	3.29E-05	3.36803	3.36803	0.00125055	2.03363	2.03363	0.870574	0.975744	-1.02486	14.1658	5.08758	0.319239	1
cg18522284	0.237585	0.874081	-1.14406	0.000717276	0.571136	-1.7509	0.619039	1.05604	1.05604	0.00646225	1.46989	1.46989	8.72352	1.63479	0.166578	1
cg20097593	0.427684	1.14702	1.14702	0.00918667	1.75118	1.75118	0.88676	1.02443	1.02443	0.834124	1.03616	1.03616	6.29789	2.86195	0.403938	1
cg10331500	0.0916519	1.89617	1.89617	0.0843328	1.9306	1.9306	0.00320177	3.99993	3.99993	0.0259668	2.48573	2.48573	5.33538	10.0291	1.67087	1
cg07004820	0.198227	1.13675	1.13675	0.0629637	1.21795	1.21795	0.0185717	1.3087	1.3087	0.989899	0.998808	-1.00119	4.37491	0.615596	0.125076	1
cg14784608	0.0809841	1.3829	1.3829	0.0479922	0.68472	-1.46045	0.00114759	2.22735	2.22735	0.990036	0.99791	-1.00209	5.21075	2.31674	0.395206	1
cg20748073	0.0133001	0.386291	-2.58872	0.248601	0.687988	-1.45351	0.363605	1.33579	1.33579	0.0103213	0.367118	-2.72392	11.8533	18.0515	1.3537	1
cg04547554	0.6856	1.12293	1.12293	8.00E-05	0.13147	-7.60628	0.790042	1.07898	1.07898	0.935736	1.02324	1.02324	7.52776	9.67447	1.14238	1
cg09926389	0.0831832	0.321323	-3.11214	0.0758976	0.310603	-3.21954	0.0312722	4.46226	4.46226	0.0117143	6.4499	6.4499	6.67225	37.0223	4.93218	1
cg19580847	0.337077	0.883305	-1.13211	0.00070256	0.523257	-1.91111	0.0839718	1.27091	1.27091	0.556322	1.07745	1.07745	6.43549	1.60211	0.221288	1
cg13342441	0.0696636	1.26202	1.26202	0.230332	0.865591	-1.15528	0.000269829	1.98429	1.98429	0.0139362	1.41678	1.41678	6.34448	1.32196	0.185212	1
cg05637188	0.729658	0.905602	-1.10424	0.0329157	0.490122	-2.04031	0.924531	1.02745	1.02745	0.676074	0.886829	-1.12761	5.52285	7.14565	1.15007	1
cg15735736	0.13742	0.329672	-3.03332	0.0035916	0.0648941	-15.4097	0.408664	0.556467	-1.79705	0.127449	0.318796	-3.13681	3.95626	30.1437	6.77265	1
cg21198010	0.0270538	1.2506	1.2506	0.518084	1.05758	1.05758	0.0613225	1.19736	1.19736	0.0133373	1.29941	1.29941	3.82539	0.44223	0.102759	1
cg01107031	0.378275	0.762846	-1.31088	0.00446223	0.321198	-3.11334	0.0620627	1.87589	1.87589	0.0097071	2.6636	2.6636	6.44482	9.15279	1.26238	1
cg05509753	0.167595	0.796714	-1.25516	0.00229866	0.517721	-1.93154	0.876111	0.976184	-1.0244	0.0844028	0.744577	-1.34305	6.81191	2.57535	0.336059	1
cg01775612	0.00201321	0.558138	-1.79167	2.71E-05	0.330185	-3.0286	0.000136553	2.41863	2.41863	0.00159962	0.54557	-1.83294	27.8554	7.90105	0.25213	1
cg03355781	0.0692353	1.36888	1.36888	0.000242466	0.391578	-2.55377	0.0455309	1.42508	1.42508	0.000235123	0.389913	-2.56468	25.2144	9.52856	0.335912	1
cg13483597	0.0424693	4.36823	4.36823	0.000459461	32.4703	32.4703	0.00315432	12.7543	12.7543	0.0212629	5.73814	5.73814	6.78573	42.7948	5.60586	1
cg25395329	0.00699057	2.50272	2.50272	0.000587941	4.0414	4.0414	0.00777974	2.45633	2.45633	0.0448785	1.832	1.832	5.78747	6.33885	0.973574	1
cg04060128	0.0179162	4.79275	4.79275	0.00205431	10.6488	10.6488	0.0125448	5.42646	5.42646	0.0392651	3.66632	3.66632	4.65885	21.8916	4.17683	1
cg08619455	0.114832	0.613383	-1.6303	0.00302585	0.314	-3.18472	0.849708	0.947364	-1.05556	0.225209	0.695536	-1.43774	4.38853	5.64703	1.1438	1
cg01855013	0.0323933	0.684962	-1.45993	0.966731	0.993719	-1.00632	0.00838933	1.6631	1.6631	0.715848	0.946273	-1.05678	4.13428	1.49415	0.321248	1
cg06214241	0.225428	1.53328	1.53328	0.0189715	0.385314	-2.59529	0.823409	1.07792	1.07792	0.598577	0.836651	-1.19524	3.76122	6.71393	1.5867	1
cg05984244	0.0765709	2.30524	2.30524	0.00300798	5.61123	5.61123	0.0168393	3.44353	3.44353	0.0454536	2.6451	2.6451	3.60998	10.2773	2.5306	1
cg20698667	0.00567719	0.455014	-2.19773	1.67E-05	0.146574	-6.8225	0.436089	0.841612	-1.1882	0.00439472	0.438075	-2.28272	16.4304	12.2562	0.663066	1
cg22021178	0.707293	0.94263	-1.06086	1.22E-05	0.235571	-4.24501	0.426607	0.880609	-1.13558	0.758375	0.952822	-1.04951	14.0173	5.44601	0.345352	1
cg25132662	0.094779	0.583158	-1.7148	0.00134529	0.25458	-3.92803	0.0621229	0.539641	-1.85308	0.0736357	0.55669	-1.79633	7.14497	9.76199	1.21447	1
cg07810039	0.265824	0.576426	-1.73483	0.00496178	0.170779	-5.85552	0.116471	0.444669	-2.24887	0.0117876	0.224388	-4.45656	5.06625	18.113	3.17798	1
cg16967578	0.075822	0.233266	-4.28696	0.0657075	0.218421	-4.57831	0.0221789	0.132668	-7.5376	0.243062	0.406636	-2.4592	3.53634	30.3903	7.63886	1
cg05864191	4.85E-05	0.341526	-2.92803	1.68E-05	0.288544	-3.46568	0.524546	1.09489	1.09489	0.585875	1.08041	1.08041	21.2247	6.6434	0.278225	1
cg20096775	0.0308899	0.530674	-1.8844	0.12978	1.50551	1.50551	0.820252	1.05854	1.05854	0.0155519	0.476281	-2.0996	8.49648	8.40958	0.879797	1
cg24696715	0.0200453	1.94739	1.94739	0.6908	1.09962	1.09962	0.00319733	2.60135	2.60135	0.0364264	1.78181	1.78181	4.51382	4.03341	0.794283	1
cg16292972	0.712402	0.946986	-1.05598	0.0730801	0.74521	-1.3419	0.470829	0.897697	-1.11396	0.0142125	1.56048	1.56048	3.60796	1.23675	0.304696	1
cg25566312	0.003929	0.572974	-1.74528	0.00629327	0.600055	-1.66652	8.75E-07	0.153148	-6.52963	8.98E-05	0.365784	-2.73385	52.7225	17.1976	0.289947	1
cg07697770	0.00347716	1.43133	1.43133	0.0597025	1.21184	1.21184	0.370164	1.08678	1.08678	5.90E-07	0.288171	-3.47016	50.5881	6.55089	0.115106	1
cg09096234	0.752907	1.04242	1.04242	0.0403811	1.36541	1.36541	0.00394529	0.600446	-1.66543	0.000158958	0.427729	-2.33793	9.32348	2.55504	0.243594	1
cg06820412	0.00970954	0.602154	-1.6607	0.0189647	1.55348	1.55348	0.0264149	0.664876	-1.50404	0.662122	1.07056	1.07056	7.63677	2.90775	0.338451	1
cg10187927	0.274634	0.789178	-1.26714	0.94129	0.984775	-1.01546	0.00620208	0.475526	-2.10294	0.888278	0.971146	-1.02971	7.21307	4.95652	0.610807	1
cg12339920	0.14144	0.640621	-1.56099	0.259134	0.717812	-1.39312	0.000905262	0.247087	-4.04716	0.00429049	0.341059	-2.93204	6.1804	7.76322	1.11654	1
cg21550219	0.175325	0.55921	-1.78824	0.352206	0.679715	-1.4712	0.0222893	0.331351	-3.01794	0.247678	0.614219	-1.62808	5.07412	13.0696	2.28955	1
cg21583694	0.982391	0.99431	-1.00572	0.731575	0.914818	-1.09311	0.0965547	0.623928	-1.60275	0.00206786	0.325763	-3.06971	4.65605	4.92964	0.94112	1
cg15526708	0.171234	1.55375	1.55375	0.152784	0.629262	-1.58916	0.0549961	1.93132	1.93132	0.00651114	2.91425	2.91425	8.57555	12.4276	1.28817	1
cg13608979	0.015682	0.464334	-2.15362	0.00134546	0.299246	-3.34173	0.537388	1.17558	1.17558	0.00121662	0.293357	-3.40881	7.67973	8.15997	0.944474	1
cg08414635	0.0072515	0.313154	-3.19331	0.145152	0.591916	-1.68943	0.740784	1.1177	1.1177	0.818677	1.08	1.08	4.47004	7.95333	1.58156	1
cg14426785	0.595026	0.745319	-1.34171	0.0583812	0.309801	-3.22788	0.709224	1.22781	1.22781	0.0142112	0.190663	-5.24487	4.22167	20.0705	4.22593	1
cg13827209	0.0844458	0.472818	-2.11498	0.0929132	0.484081	-2.06577	0.899416	0.951584	-1.05088	0.0558446	0.427326	-2.34013	3.4573	8.43334	2.16825	1
cg26376346	1.06E-07	0.152817	-6.54377	9.97E-09	0.0791232	-12.6385	0.378589	0.905849	-1.10394	9.35E-07	0.241976	-4.13264	112.898	21.4238	0.168678	1
cg24321706	0.000282887	0.350514	-2.85295	0.353907	1.18358	1.18358	5.31E-05	3.79376	3.79376	2.97E-05	0.235675	-4.24313	31.9558	15.8041	0.43961	1
cg19482049	0.00722544	0.411623	-2.42941	0.000350847	0.229678	-4.35393	0.842168	1.05238	1.05238	0.000603873	0.258124	-3.8741	15.3765	15.9686	0.923117	1
cg12926720	0.0386747	0.536889	-1.86258	0.00321455	0.351893	-2.84178	0.00129358	3.37913	3.37913	0.0222639	0.490856	-2.03726	11.6288	12.425	0.949748	1
cg14910241	0.960576	1.00421	1.00421	0.0764394	1.18228	1.18228	0.543941	1.05357	1.05357	0.154733	1.13814	1.13814	10.6209	1.21409	0.10161	1
cg17546721	0.130417	0.657947	-1.51988	0.00129274	0.300726	-3.32529	0.828759	0.945999	-1.05708	0.210778	0.713241	-1.40205	7.15392	7.44182	0.924662	1
cg23485307	0.019456	0.294027	-3.40105	0.265477	0.604803	-1.65343	0.746156	0.868706	-1.15114	0.0290117	0.327823	-3.05043	6.29358	18.7172	2.64357	1
cg06270049	0.292959	1.34509	1.34509	0.0140156	2.28043	2.28043	0.207412	1.43513	1.43513	0.985478	0.995066	-1.00496	5.64591	6.60272	1.03953	1
cg24719910	0.0629313	0.441242	-2.26633	0.00657491	0.251519	-3.97585	0.0154	0.312615	-3.19883	0.112154	0.508426	-1.96686	4.42278	10.7123	2.15295	1
cg12419522	0.185225	1.62509	1.62509	0.0142476	0.351755	-2.84289	0.0692691	2.01861	2.01861	0.0481462	0.458151	-2.18269	3.95875	7.4888	1.68152	1
cg19615017	0.755137	0.923384	-1.08297	0.0100183	2.28943	2.28943	0.0951902	1.59541	1.59541	0.242155	0.732058	-1.36601	3.75096	3.85646	0.913888	1
cg07285675	0.327264	0.832904	-1.20062	0.532373	0.891955	-1.12113	0.720162	0.937032	-1.0672	0.145853	0.754053	-1.32617	3.73046	1.93118	0.460158	1
cg25438762	0.0466231	0.67952	-1.47163	0.126683	1.32333	1.32333	0.0243128	1.57648	1.57648	0.514148	1.11872	1.11872	3.54816	1.61588	0.404812	1
cg03256955	0.530232	0.753939	-1.32637	0.199628	0.54774	-1.82568	0.803006	1.11743	1.11743	0.236561	0.576422	-1.73484	3.44406	10.7636	2.77801	1
cg08848903	0.0758233	0.650762	-1.53666	0.00137358	0.364473	-2.74368	0.0121844	1.97223	1.97223	0.209692	0.750183	-1.33301	14.943	11.1867	0.665449	1
cg23113350	0.489839	0.773674	-1.29253	0.0294666	0.391444	-2.55464	0.000734004	6.53291	6.53291	0.219787	1.6032	1.6032	7.86034	16.6582	1.88379	1
cg10324998	0.0399919	0.425725	-2.34893	0.00443084	0.255091	-3.92017	0.0130606	0.330322	-3.02735	0.0911607	0.512038	-1.95298	7.68103	15.7439	1.82196	1
cg00342358	0.760071	0.842127	-1.18747	0.000259557	0.0343651	-29.0993	0.0672243	0.316456	-3.16	0.247692	0.507652	-1.96986	6.30893	31.4422	4.43002	1
cg01336162	0.636634	1.25747	1.25747	0.000258621	0.0553299	-18.0734	0.0661322	0.370693	-2.69765	0.566171	0.75639	-1.32207	6.25861	22.9751	3.26308	1
cg00563926	0.468597	0.776349	-1.28808	0.800493	0.91674	-1.09082	0.00499152	3.58095	3.58095	0.200869	1.59007	1.59007	5.85803	10.9344	1.65917	1
cg26659853	0.798631	1.05374	1.05374	0.00504079	2.1371	2.1371	0.921465	1.0204	1.0204	0.744585	0.935256	-1.06923	5.43932	3.61166	0.590214	1
cg09790580	0.141438	1.56409	1.56409	0.131325	1.58536	1.58536	0.269583	1.38434	1.38434	0.280821	1.37314	1.37314	5.43665	6.89002	1.12651	1
cg18539768	0.739945	1.07287	1.07287	0.0752914	1.51919	1.51919	0.862697	1.03723	1.03723	0.593628	0.892504	-1.12044	5.39754	3.81151	0.627694	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Error)
	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;																				
gi5737526	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0126148	0.0281665	0.255005	-3.92149	0.11025	0.399493	-2.50317	0.0190064	0.223826	-4.46776	0.0161784	0.212071	-4.71541	0.0130873	0.197419	-5.06537	0.470319	0.67897	-1.4728	0.00110995	0.0794121	-12.5925	0.256754	0.535807	-1.86634	0.0100071	0.18012	-5.55185	5.48369	24.1343	3.91209	1
gi6085713	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0188277	0.0515057	0.452751	-2.20872	0.137835	1.77044	1.77044	0.405349	0.737607	-1.35574	0.978553	0.990436	-1.00966	0.153552	0.579118	-1.72676	0.114817	1.846	1.846	0.00101768	0.175194	-5.70796	0.368985	1.39075	1.39075	0.529954	0.794749	-1.25826	4.80182	9.71875	1.79909	1
gi6350404	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0306221	0.0217459	0.28177	-3.549	0.1141	0.45367	-2.20425	0.651571	0.811361	-1.2325	0.0516633	0.361158	-2.76887	0.0137747	0.24656	-4.05581	0.181911	0.52123	-1.91854	0.00646448	0.196278	-5.09482	0.0398457	0.220599	-4.53101	0.0172074	0.423073	-2.36366	4.05712	13.5874	2.97691	1
gi6006395	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0347441	0.87982	0.975946	-1.02465	0.140413	1.29075	1.29075	0.0244101	1.53968	1.53968	0.136341	1.29469	1.29469	0.314547	1.18219	1.18219	0.877365	0.975456	-1.02516	0.00345607	0.527877	-1.89438	0.80362	0.960698	-1.04091	0.515693	0.899368	-1.11189	3.87741	1.5903	0.364574	1
gi2434114	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0350528	0.222757	0.843454	-1.1856	0.0443657	1.35916	1.35916	0.15164	1.22646	1.22646	0.67677	0.945814	-1.05729	0.239687	1.17775	1.17775	0.228742	0.845478	-1.18276	0.00775496	0.634838	-1.5752	0.323124	0.873179	-1.14524	0.0712359	1.30702	1.30702	3.86502	1.0809	0.248588	1
gi15555970	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0422825	0.0346596	0.133125	-7.51172	0.0553812	0.168969	-5.91826	0.303655	0.417984	-2.39244	0.0750859	0.197324	-5.0678	0.0732536	0.204515	-4.89206	0.71444	0.740159	-1.35106	0.00470964	0.046192	-21.6488	0.0644501	0.182528	-5.4786	0.067554	0.186957	-5.34881	3.60834	38.3117	9.43781	1
gi20801464	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0451724	0.00421906	0.106676	-9.37419	0.0372998	0.243679	-4.10376	0.0870721	0.331648	-3.01524	0.164203	0.420199	-2.37982	0.0705371	0.307097	-3.25629	0.2247	0.47476	-2.10633	0.0164001	0.18025	-5.54784	0.112993	0.365084	-2.7391	0.0495061	0.270043	-3.70311	3.52048	19.0247	4.80356	1
gi18204321	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	4.38E-05	3.12E-05	0.0946045	-10.5703	0.00437131	3.01943	3.01943	0.0101245	0.389956	-2.56439	0.00271846	0.300642	-3.32622	0.00151046	0.153161	-6.60671	0.184197	1.50518	1.50518	1.37E-05	0.0714074	-14.0041	0.625027	1.15371	1.15371	0.000740655	0.22598	-4.42518	27.5775	36.8051	1.18632	1
gi6295452	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.0108293	0.788582	1.05851	1.05851	0.649969	0.907872	-1.10148	0.646579	1.1026	1.1026	0.00886334	0.347312	-2.87936	0.077945	0.51345	1.51345	0.0495217	1.60658	1.60658	0.356519	0.818219	-1.22217	0.0452906	0.52155	1.62553	1.62553	0.0808001	1.50626	1.50626	5.76146	4.08394	0.630078	1
gi1263351	TGIF2	0.0285675	0.234333	0.725612	-1.37815	0.318333	1.3089	1.3089	0.620198	1.13715	1.13715	0.18679	1.43337	1.43337	0.007371	0.411306	-2.43128	0.739961	1.08947	1.08947	0.0580299	0.57624	-1.73539	0.386627	1.25649	1.25649	0.0382624	1.419391	-2.38441	4.15825	4.35919	0.931842	1
gi6588605	TGIF2	0.0353197	0.0431277	0.381621	-2.6204	0.996079	0.997968	-1.00204	0.366482	0.681063	-1.46829	0.617562	0.811878	-1.23171	0.0024628	0.17493	-5.71658	0.904745	1.05081	1.05081	0.0166489	0.298078	-3.35482	0.926816	0.96268	-1.03877	0.0301334	0.347945	-2.87401	3.85442	10.463	2.41292	1
gi2143708	TGIF2LX	1.33E-08	1.33E-08	0.19335	-5.17237	0.0108361	0.568845	-1.75823	0.00797522	0.319282	-3.1304	0.00109084	0.452814	-2.20793	0.00022462	0.103489	-3.02216	0.0749463	1.42936	1.42936	7.23E-05	0.272136	-3.67463	0.612155	1.09646	1.09646	2.91E-06	0.133637	-7.48295	34.3917	17.5686	0.456734	1
gi1520787	TGIF2LX	2.62E-05	1.09E-06	0.0485429	-20.6003	0.00115565	0.321337	-3.11219	0.0233025	0.524352	-1.90712	0.832147	1.05184	1.05184	0.00221181	0.360118	-2.77687	0.628041	1.12329	1.12329	0.0849594	0.53962	-1.53962	0.533962	0.0264024	0.514164	-1.9449	1.37E-05	0.114841	8.7077	33.5603	28.3526	0.798342	1
gi70707464	TGIF2LX	0.00105814	0.00027806	0.0380771	-26.2625	0.019387	0.213783	-4.67763	0.0176997	0.428228	-4.17905	0.116645	0.391908	2.55152	0.00020853	0.031495	31.7663	0.00095383	0.0668621	-14.9562	0.00754145	0.153212	-6.61121	0.0928343	0.253663	-3.94224	0.00156458	0.0778038	12.8528	11.5793	55.3693	4.29544	1
gi16523270	TGIF2LX	0.00176142	0.00013639	0.0243947	-40.9926	0.0200374	0.206061	-4.85293	0.00707854	0.141007	-7.09183	0.25309	0.510734	-1.95796	0.00195437	0.08500227	-11.7643	0.70795	0.809104	-1.23594	0.0829385	0.339353	-2.94678	0.841017	0.893103	-1.11969	0.00878272	0.0573169	-17.4469	10.0044	50.2043	4.46064	1
gi20378950	TGIF2LX	0.0267127	0.0129457	0.544492	-18.3657	0.0844297	0.0145675	-23.8449	0.212019	0.289275	-3.45692	0.126968	0.210683	-4.74646	0.0140849	0.0590602	-16.9319	0.117378	0.200948	-4.97642	0.00685544	0.0367471	-27.2131	0.075923	0.155111	-6.44698	0.0343455	0.0973924	-10.2677	4.25649	60.012	12.5324	1
gi27539833	TGIF2LX	0.00024169	0.00015076	0.0181223	-12.3271	0.886145	0.0654459	-15.0272	0.0023099	0.230883	-4.33287	0.0268807	0.370173	-2.70144	0.00325146	0.059826	-16.7128	0.0314605	0.375747	-2.66863	0.00167307	0.176397	-5.66903	0.00534202	0.24128	-4.14457	0.00103742	0.0706226	-14.1598	17.4509	41.1972	2.09844	1
gi10153349	TGIF2LY	0.00946766	0.00189347	0.0757611	-13.1994	0.0442791	0.258179	-3.87328	0.0762367	0.314719	-3.17743	0.16647	0.421209	-2.37412	0.00243037	0.0842871	-11.8642	0.0046003	0.109654	9.1196	0.0281908	0.218896	-4.56705	0.0648185	0.296605	-3.37148	0.015097	0.173768	-5.7548	6.01472	32.7187	4.83535	1
gi6477336	TGIF2LY	0.0289682	0.13146	0.458557	-2.18091	0.897244	0.940011	-1.06382	0.78382	0.876548	-1.14071	0.0864456	0.940823	-1.06305	0.00223519	0.128613	-7.7824	0.543438	0.744918	-1.3424	0.0133349	0.433995	0.0846601	0.401274	-2.49206	0.0142663	0.235248	4.42584	4.13783	15.0242	3.22749	1
gi30515901	TGIF2LY/TGIF2LY	0.000338275	3.61E-05	0.038739	-25.8138	0.00211505	0.171214	-5.84063	0.00409835	0.207451	-4.82042	0.3623981	1.4657	1.4657	0.00362406	0.126128	4.73445	0.911927	1.04622	1.04622	0.0154788	0.155808	-6.41814	0.00370979	0.243531	-4.10626	0.00205086	0.0848935	-11.7795	15.9175	42.0461	2.348	1
gi57519495	TGIF3	0.00700853	0.00169927	0.340485	-2.93699	0.00015516	0.210729	-4.74542	0.0428205	1.75124	1.75124	0.336721	1.26879	1.26879	0.439179	1.2088	1.2088	0.000966391	0.307034	-3.25697	0.0029268	0.3744005	-2.6709	0.0265528	0.531884	-1.88011	0.0323788	0.547654	-1.82597	12.9668	11.8632	0.813233	1
gi53084345	TGIF3	0.00386614	0.00595719	0.0001	-9999	0.00015516	0.191687	-5.2182	0.00387168	0.1781	5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.054638	0.748918	-1.3424	0.0133349	0.433995	0.0846601	0.401274	-2.49206	0.0142663	0.235248	4.42584	4.13783	15.0242	3.22749	1
gi51582503	TGIM1	0.0145407	0.00192975	0.251989	-3.96841	0.754479	0.906164	-1.10355	0.0231043	0.426062	-2.34707	0.2130333	1.50967	1.50967	0.00362222	0.291065	3.43566	0.339314	1.36251	1.36251	0.42823	0.77567	-1.28921	0.863175	0.947266	-1.05567	0.311223	0.719598	-1.38966	5.23418	8.17758	1.38875	1
gi20947276	TGIM1	0.00704794	0.00174394	0.165388	-5.93146	0.0763665	0.161644	-6.18944	0.0178566	0.387366	-2.58166	0.167717	0.384853	-2.59855	0.0178566	0.387366	-2.58166	0.377734	0.844592	-1.18398	0.0399113	0.287558	-3.47744	0.00996568	0.179577	-5.56864	0.042979	0.308504	-3.24162	4.0204	13.5042	3.34842	1
gi15626003	TGM2	0.0307049	0.2996211	0.740068	-1.35123	0.367238	0.771539	-1.29611	0.564119	0.849362	-1.17735	0.100535	1.65492	1.65492	0.0347597	0.502101	1.99199	0.3609335	1.30081	1.30081	0.00172959	0.286057	-3.4958	0.180876	0.671779	-1.48859	0.323967	0.751826	1.3301	4.05322	5.03363	1.1039	1
gi19262130	TGM2;TGM2	8.75E-05	0.120621	0.810243	-1.2342	0.2884414	0.724586	-1.3801	0.011546	0.673848	-1.4841	0.689481	1.05148	1.05148	0.71	0.197974	-5.05117	0.353668	0.88756	-1.12668	0.0423967	0.136737	1.36737	0.612386	0.938133	-1.06595	0.812084	0.97067	-1.03022	2.94035	5.67705	0.219943	1
gi26604799	TGM2;TGM2	0.000118698	0.00236393	0.0001	-9999	0.00015516	0.183654	-5.44611	0.0001	0.1781	-5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0021402	0.448792	2.228	0.000204059	0.186819	-5.35317	0.115802	0.757597	1.32003	1.27E-05	0.569	-1.75705	0.0803	0.806555	-5.58628	0.0975878	0.528229	-1.89352	21.1648	21.569	0.482923	1
gi16566165	TGM2;TGM2	0.00479489	0.00154096	0.114682	-8.71979	0.00341904	0.150943	-6.62504	0.00325001	0.148405	-6.73833	0.228262	0.548184	-1.8242	0.03029915	0.298008	3.35561	0.387991	0.656654	-1.52287	0.0503366	2.88778	2.88778	0.0234643	0.276192	-3.62067	0.0567363	0.358741	-2.78753	7.43292	26.6015	3.18122	1
gi56447795	TGM2;TGM2	0.00679359	0.00548237	0.0001	-9999	0.00015516	0.184021	-5.43582	0.00391	0.1781	-5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0133921	0.410336	-1.3424	0.0133349	0.433995	0.0846601	0.401274	-2.49206	0.0142663	0.235248	4.42584	4.13783	15.0242	3.22749	1
gi58545268	TGM2;TGM2	0.0274278	0.877433	0.975464	-1.02515	0.2820768	0.0548258	-1.51757	0.0795312	0.715104	-1.36789	0.423128	0.876609	-1.14076	0.0119889	0.603798	-1.65618	0.227254	0.815428	-1.22635	0.0011823	0.465026	-2.15042	0.721566	0.944028	-1.05929	0.382628	0.865784	-1.15502	4.18312	1.73102	0.364763	1
gi17352422	TGM2;TGM2	0.0141116	0.080884	0.305286	-3.27562	0.00313859	0.0841438	-11.8844	0.0954103	0.325314	-3.07395	0.838296	1.13344	1.13344	0.00758323	0.121857	-8.20631	0.198589	0.434834	-2.29973	0.245826	0.475194	-2.10441	0.0658305	0.282162	-3.54406	0.061426	0.274807	-3.63891	3.90323	23.2283	5.28982	1
gi20254734	TGM3	0.0117647	0.0037797	0.0001	-9999	0.00015516	0.191687	-5.2182	0.00387168	0.1781	5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0005107	0.229013	-4.3667	0.306	0.514162	-8.75945	0.00864487	0.486799	-2.05424	0.311357	0.798244	-1.25275	33.3015	35.6189	0.651633	1
gi59561663	TGM3	0.00355901	0.940135	1.01828	1.01828	0.06620014	0.36483	2.76483	0.021536	1.94603	1.94603	0.0268007	0.531174	-1.88262	0.00073536	0.290024	-3.44799	0.123734	0.668934	-1.49442	0.0493368	1.74198	1.95016	1.00151	0.570325	0.873643	-1.14463	0.113299	0.749201	0.81883	1
gi16680309	TGM3	0.00974312	0.00615833	0.0001	-9999	0.00015516	0.184021	-5.43582	0.00391	0.1781	-5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0005107	0.229013	-4.3667	0.306	0.514162	-8.75945	0.00864487	0.486799	-2.05424	0.311357	0.798244	-1.25275	33.3015	35.6189	0.651633	1
gi20306032	TGM3	0.0118045	0.381886	1.22588	1.22588	0.00230898	0.380262	-2.62977	0.00102787	0.331282	-3.01857	0.96935	1.00876	1.00876	0.341174	0.800317	-1.2495	0.543213	0.869575	-1.14999	0.0203635	0.529958	-1.88694	0.932631	1.01939	1.01939	0.625072	0.894182	-1.11834	5.60326	4.57675	0.726045	1
gi30515337	TGM3	0.0231936	0.00906514	0.307954	-2.51285	0.23515	1.14299	1.14299	0.515867	0.440573	-2.27234	0.0468885	0.535324	-1.86809	0.0193419	0.51593	-1.93953	0.416795	1.12931	1.12931	0.0674105	0.190534	-5.24859	0.0115174	0.530893	-1.88371	0.442682	0.545598	-1.83262	6.14343	6.05249	0.984253	1
gi6899246	TGM3	0.0213104	0.176761	0.93007	0.93007	0.04748558	0.157071	-6.36424	0.0060439	0.207451	-4.82042	0.3623981	1.4657	1.4657	0.00362406	0.126128	4.73445	0.911927	1.04622	1.04622	0.0154788	0.155808	-6.41814	0.00370979	0.243531	-4.10626	0.00205086	0.0848935	-11.7795	15.9175	42.0461	2.348	1
gi13571802	TGM4	0.00006301	0.322127	0.721201	-1.38658	0.280322	0.698647	-1.43134	0.0213806	0.41328	-2.41967	0.267193	0.691166	-1.44683	1.59E-05	0.0580719	-17.22	0.0025787	0.26314	-3.80026	0.546788	1.21514	1.21514	0.00139817	0.227828	-4.38928	0.0172755	0.395838	-2.52629	13.2102	21.3641	1.43755	1
gi30840120	TGM4	0.00491157	0.2122221	0.708284	-1.41195	0.2587	0.987445	-1.01295	0.00403	0.251554	-3.97423	0.0176637	1.35752	1.35752	0.00504937	0.250155	-3.99696	0.576569	0.865346	-1.15561	0.0424567	0.502302	-1.98983	0.509313	0.842934	-1.18722	0.0156007	0.464902	-2.15089	7.98657	0.925259	1
gi59111917	TGM4	0.00574496	0.170893	0.50353	0.50353	0.050487	0.86493	1.86493	0.404752	0.787865	-1.26925	0.440175	1.24629	1.24629	0.00726873	0.37969	-2.63373	0.00484497	0.35171	-2.84325	0.0044986	0.339775	-2.94313	0.684093	1.12122	1.12122	0.0102665	0.416673	-2.39996	7.0327	8.71281	1.10124	1
gi15962933	TGM4	0.00328152	0.99891	1.00038	1.00038	0.963706	1.11035	1.11035	0.00598765	0.403638	-2.48162	0.758193	1.08904	1.08904	0.0103865	0.409484	-2.4421	0.693686	1.11554	1.11554	0.00521981	0.361331	-2.76755	0.690399	0.895307	-1.11694	0.172264	0.669306	-1.49408	3.98121	4.81067	1.07468	1
gi21616161	TGM4	0.0247751	0.628303	0.797095	-1.25455	0.541685	-1.84609	0.557819	0.368942	-2.71045	0.626389	0.796179	-1.256	0.00498719	0.117885	0.162162	-6.16762	0.776206	1.14152	1.14152	0.0609736	0.15762	-5.66022	0.223529	0.552029	-1.81115	0.0963065	0.428104	-2.33588	3.44774	11.7865	3.03876	1
gi26264008	TGM4;TGM4	0.0151358	0.0167757	0.165036	-6.0591	0.0910051	0.316923	-3.15534	0.0782829	0.298991	-3.34459	0.0564175	0.263616	-3.79339	0.00831948	0.124694	-8.01962	0.0500104	0.251712	-3.9728	0.0072454	0.117898	-8.48191	0.115474	0.347774	-2.87543	0.100187	0.328988	-3.03963	3.86172	23.3007	5.36335	1
gi25875049	TGM5;TGM5	0.00139875	0.00525164	0.0001	-9999	0.00015516	0.183285	-5.45538	0.00391	0.1781	-5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0012299	0.469047	2.13191	0.0004005	0.175	-5.71429	0.0756087	0.2256	-4.43311	0.0027187	0.455197	-2.19707	1.1033	1.1033	0.00371877	0.411957	-2.42744	10.6206	6.72094	0.720442	1
gi19565920	TGM5;TGM5	0.00385756	0.00796611	0.461695	-2.16593	0.096227	0.66034	-1.51437	0.0143194	0.503522	-1.98601	0.00017088	0.234214	-4.26961	0.0267484	0.550853	-1.81537	0.0190471	0.480913	-2.07938	0.0103623	0.480171	-2.08259	0.0252995	0.546503	-1.82982	0.835906	0.95397	-1.04825	7.9387	6.49017	0.726698	1
gi15488556	TGM5;TGM5	0.00385756	0.0145453	0.19113	-5.09274	0.168077	0.592008	-1.68917	0.0077855	0.2946	-3.39443	0.0019741	0.209335	-4.77703	0.00189417	0.209601	-4.77097	0.0939163	1.10768	1.10768	0.102736	0.302035	-3.30984	0.704804	0.872755	-1.1458	0.046076	0.446161	-2.2652	6.1743	12.3911	1.80141	1
gi14299360	TGM5;TGM5	0.0143852	0.0241832	0.517313	-1.93307	0.208073	0.505445	-1.97845	0.00814904	0.453859	-2.29446	0.0817262	0.623808	-1.60493	0.00275041	0.363049	-2.75449	0.0500388	0.578114	-1.72976	0.271553	1.32404	1.32404	0.0258642	0.183562	-1.17145	0.557775	1.1547	1.15647	3.25276	10.0092	0.846611	1
gi27496506	TGM5;TGM5	0.0228143	0.602488	0.927251	-1.07846	0.8150031	1.03426	1.03426	0.652113	0.936849	-1.06741	0.876863	1.02254	1.02254	0.04705955	0.721316	-1.38635	0.643565	1.06927	1.06927	0.00107721	2.00179	2.00179	0.728337	0.951114	-1.0514	0.0528246	0.728794	-1.37213	4.4974	1.47168	0.290869	1
gi18396459	TGM6	0.0128053	0.0027525	0.0001	-9999	0.00015516	0.183285	-5.45538	0.00391	0.1781	-5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0003837	0.103411	-9.6706	0.0001	0.175	-5.71429	0.0756087	0.2256	-4.43311	0.0027187	0.455197	-2.19707	1.1033	1.1033	0.00371877	0.411957	-2.42744	10.6206	6.72094	0.720442	1
gi23278885	TGM6	0.026458	0.254639	0.602512	-1.65972	0.144531	0.246604	-4.05443	0.0414253	-2.42407	0.1039121	0.213269	2.13269	2.13269	0.00483564	0.203772	4.90746	0.124552	1.9459	0.9459	0.3666	0.110447	1.03447	0.465358	0.72871	-1.37229	0.21028	0.56987	-1.75479	4.27191	12.2758	2.55433	1
gi26160246	TGM6	0.0416098	0.0025228	0.0001	-9999	0.00015516	0.183285	-5.45538	0.00391	0.1781	-5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0001127	0.0299555	-33.3898	0.0001	0.175	-5.71429	0.0756087	0.2256	-4.43311	0.0027187	0.455197	-2.19707	1.1033	1.1033	0.00371877	0.411957	-2.42744	10.6206	6.72094	0.720442	1
gi20082547	TGM6;TGM6	0.0479484	0.122944	0.561962	-1.77948	0.0851768	0.518755	-1.92769	0.0255038	0.400377	-2.49764	0.0734839	0.502497	-1.99006	0.00748129	0.305012	-3.27856	0.947385	0.977499	-1.02302	0.0120561	0.33973	-2.94351	0.576464	0.823168	-1.21482	0.997751	0.999028	-1.00097	3.44237	5.48339	1.67414	1
gi21245717	TGM7	0.00246026	0.831714	0.910624	-1.09815	0.000937622	0.87482	0.777482	0.0279449	3.135	3.135	0.917576	0.955479	-1.0466	0.0150001	0.97182	1.97182	0.971207	1.01601	1.01601	0.211632	1.78413	1.78413	8.95E-05	21.8526	21.8526	0.0375309	2.89137	2.89137	0.074272	27.8195	2.72498	1
gi20122089	TGM7	0.00938864	0.0020183	0.0001	-9999	0.00015516	0.183285	-5.45538	0.00391	0.1781	-5.61242	0.0170774	0.459569	-2.1758	0.00178774	0.459569	-2.1758	0.0002464	0.0539264	-18.5306	0.00159374	0.349879	-2.2282	0.773594	0.93048	-1.0309	0.452238	0.846201	-1.41888	6.52323	1.47952	0.609466	1
gi21861797	TGM7	0.0229719	0.057321	2.58288	2.58288	0.0039182	5.54778	5.54778	0.596281	1.2661	1.2661	0.187629	0.539966	-1.85197	0.455422	1.39864	1.39864	0.278376	1.64447	1.64447	0.051043	2.66632	2.66632	0.00403487	0.49814	0.49814	0.134733	2.03733	2.03733	0.448675	13.8393	2.74176	1
gi38139076	TGM7	0.0238581	0.0419427	0.523804	-1.90916	0.134124	0.244444	-4.09215	0.0157564	0.302605	-3.30454	0.0044923	0.402624	-2.48371	0.00293225	0.120219	-8.31813	0.164528	0.485546	-2.05912	0.0187579	0.286814	-3.48691	0.0320504	0.112023	-8.92557	0.0021158	0.0992208	-10.0799	2.08181	4.7182	2.26315	0.533937	1
gi14195059	TGM7	0.0352096	0.00992129	0.156605	-6.38548	0.588054	0.732509	-1.36517	0.269258	0.559151	-1.92489	0.0307219	0.235848	-4.24001	0.00913351	0.151849	-6.58547	0.317609	0.555442	-1.80037	0.00845584	0.147369	-6.78439	0.0703408	0.316202	-3.16253	0.08932	0.344268	-2.90472	3.85878	19.7995	4.5609	1
gi53728395	TGM8;TGM20	4.66E-05	0.00038071	0.0001	-3.92391	1.25E-05	0.0142805	-7.00254	0.00379627	0.32	-3.12514	0.92114	0.64548	1.1789	1.1789	0.966-05	0.0248885	0.440453	0.160596	1.37324	0.00182506	0.195649	-2.55331	2.76E-05	0.174079	-5.74451	0.000607739	0.136815	-6.15642	27.608	58.0503	0.6494222	1
gi16907167	TGOLN2	0.00141504	4.21E-05	0.0709436	-12.5088	0.892952	0.957286	-1.04462	0.000975044	0.2038	-4.90677	0.845001	1.06552	1.06552	0.294105	0.702701	-1.42308	0.561209	1.20984	1.20984	0.581844	0.834995	-1.19761	0.687672	0.877193	-1.14	0.127112	1.72278	1.72278	10.6568	17.7421	1.47988	1
gi16929107	TGOLN2	0.00160842	0.612233	1.23013	1.23013	0.357977	1.46671	-1.46671	0.0449126	2.54115	2.54115	0.372757	1.44884	1.44884	4.57E-05	0.0440556	-22.6984	0.0261311	0.372517	2.68444	0.0117227	0.310827	-3.22018	0.62168	0.819549	-1.22018	0.27134	0.628767	-1.59041	10.1105	26.2893	2.31129	1
gi24082795	TGOLN2	0.00515227	0.171561	0.733348	0.733348	0.0107437	0.311444	-3.21037	0.0023107	0.120037	-8.33027	0.0122314	0.400903	-2.49504	0.00126265	0.0880674	-11.3596	0.229332	0.811456	1.23211	0.0206924

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1721 vs. N)	Fold-Change(1 vs.1721)	p-value(1947 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27380967	THAP3	0.00585997	0.113317	1.82855	0.142885	1.82855	0.12533	1.23533	0.135305	0.569516	-1.75588	0.338481	0.709891	-1.40867	?	?	?	?	?	?	?	?	?	?	0.00708048	0.147567	-6.77659	0.0010718	0.201849	-4.9542	0.8099071	0.9320279	-1.08586	0.319065	1.43009	0.22497	13.5439	1.44085	1
cg24312985	THAP3	0.00700432	0.0455419	1.82206	1.82206	0.0035058	2.81835	0.80802615	0.24203	2.43203	0.00189715	0.163025	0.31605	3.16305	0.644335	1.12929	1.12929	0.2679882	1.35243	1.35243	0.638729	1.1317	1.1317	0.00504114	2.63913	2.63913	0.00499114	2.64384	0.61585	7.17093	0.96376	1
cg08250099	THAP3	0.01200339	0.2900141	1.24744	1.24744	0.0564821	1.54475	1.54475	0.133015	1.38598	1.38598	0.6481646	0.911653	-1.09694	0.552356	0.885978	-1.1287	0.0049345	0.472422	-2.11675	0.73408	1.07108	1.07108	0.1696271	1.34258	1.34258	0.00188102	2.42926	2.42926	5.57291	3.57956	0.570947	1
cg06826790	THAP3	0.01480316	0.7500997	1.05086	1.05086	0.549226	0.9168581	-1.09027	0.5592912	1.08826	1.08826	0.000392257	0.4453021	-2.24618	0.022032	0.674756	-1.48202	0.1467862	0.8000151	-1.24992	0.3764861	0.878099	-1.13884	0.6412127	0.934982	-1.06954	0.2810851	1.17408	1.17408	5.20331	1.69103	0.2888811	1
cg24635178	THAP3	0.0211546	0.697344	0.94428	-1.05901	0.0133745	1.56968	1.56968	0.0793624	1.33068	1.33068	0.146296	0.795514	-1.25705	0.0112093	0.632506	-1.58101	0.188632	0.815194	-1.2267	0.0229003	0.670785	-1.49079	0.487916	1.10891	1.10891	0.65352	1.06853	1.06853	6.41545	1.57308	0.30296	1
cg14848383	THAP3	0.0228169	0.7962666	1.08666	1.08666	0.8241021	1.07412	1.07412	0.998686	0.999747	-1.00053	0.000504955	0.152376	-6.52609	0.48817	0.797163	-1.25445	0.159383	1.62883	1.62883	0.54003	0.8190772	-1.22089	0.805088	1.08266	1.08266	0.4754448	1.26248	1.26248	4.99120	0.797063	1.24344	1
cg20060759	THAP3;DNAJC11	0.012234	0.5639611	0.927977	-1.07761	0.00133054	0.5499312	-1.81847	0.719911	0.954906	-1.04722	0.377738	1.12297	1.12297	0.00570908	0.628466	-1.59118	0.156898	1.21412	1.21412	0.15672	1.21423	1.21423	0.217944	1.18067	1.18067	0.569496	1.07645	1.07645	5.53865	1.44053	0.231188	1
cg23603789	THAP4	8.48E-05	0.1430851	1.45632	1.45632	0.249934	0.7503373	-1.35267	0.0518554	0.585518	-1.66963	0.11062	0.66038	-1.51474	8.44E-05	0.184783	-5.41174	7.71E-05	0.180832	-1.52999	1.04E-05	0.105161	-9.50925	0.923769	0.977399	-1.02312	0.00026996	0.240552	-4.16576	23.1374	20.9061	0.801167	1
cg09273030	THAP4	0.01757549	0.0444809	0.547716	-1.84599	0.556346	0.172134	1.17124	0.5320731	0.841191	-1.18879	0.860224	0.954256	-1.04794	0.00111187	0.164354	-6.08442	0.0028217	0.335282	-2.98257	0.00266169	0.331583	-3.01458	0.2114074	0.416134	0.0167395	0.460340	-2.17227	10.0109	11.1894	0.993527	1
cg26500934	THAP4	0.0181522	0.334359	1.26707	1.26707	0.430369	0.825836	-1.21089	0.0299219	0.544824	-1.83546	0.264752	1.31829	1.31829	0.00599265	0.425745	-2.34883	0.0234125	0.52528	-1.90374	0.0139067	0.485572	-2.05943	0.37717	1.24041	1.24041	0.0495634	0.587039	-1.70346	4.86133	4.35173	0.795708	1
cg26179402	THAP4	0.0470787	0.464863	1.39202	1.39202	0.1355	0.7138155	-1.40139	0.0364975	0.547432	-1.82671	0.501947	1.18403	1.18403	1.05E-05	0.0966771	-10.3437	0.743633	0.1875612	-5.33191	0.0001243	0.888802	-1.12385	0.956592	1.02471	-1.02471	0.8766247	1.02471	1.02471	0.0496534	1.02471	0.0496534	0.0496534	0.0496534	0.0496534	0.0496534	0.0496534	1
cg00311667	THAP4	0.0482456	0.904082	0.97939	-1.02104	0.104343	0.5703685	-1.35893	0.313633	0.835252	-1.19724	0.913075	0.1091004	0.109104	0.00961	0.163383	-6.13683	0.2890901	1.20936	1.20936	0.0139092	0.9856	-1.0146	0.909647	1.0198	1.0198	0.143436	1.42306	1.42306	6.12606	1.42008	0.420087	1
cg20705057	THAP4;ATG4B;ATG4B	0.0154805	0.284353	2.54268	2.03418	0.1438626	0.532814	2.83455	0.925391	0.942334	-1.06119	0.530229	1.50084	1.50084	0.491656	1.65473	-1.65473	0.7015569	1.17824	1.27824	0.00282204	0.0226004	-4.4247	0.872356	0.902345	-1.10822	0.977184	1.01843	1.01843	5.13688	33.1112	5.74075	1
cg04045340	THAP4;THAP4	0.000435575	0.0617651	1.59363	-1.68455	0.189429	0.70852	-1.44139	0.0364975	0.547432	-1.82671	0.501947	1.18403	1.18403	1.05E-05	0.0966771	-10.3437	0.01891	1.49426	-2.02323	0.235476	0.734763	-1.36098	0.273581	0.753947	-1.32635	0.000213025	0.215776	-4.63443	14.8469	14.4489	0.865059	1
cg12761732	THAP4;THAP4	0.00837218	0.00751409	0.535394	-1.86778	0.08731726	0.709787	-1.40887	0.011662	0.564159	-1.77255	0.224729	1.26058	1.26058	0.141548	0.867192	-1.15315	0.54233	0.894044	-1.11851	0.00169708	0.442995	-2.25736	0.597433	0.907757	-1.10162	0.00295297	0.476558	-2.09828	0.23587	3.26623	0.464243	1
cg00527440	THAP4;THAP4	0.0150651	0.0570845	0.353582	-2.83052	0.132622	0.2339	2.13729	0.0793883	0.54569	-1.83292	0.182662	1.38122	1.38122	0.0139881	0.742958	-1.34604	0.1252268	0.6908738	-1.44773	0.00759947	0.35102	35.332	0.798583	1.30411	1.30411	0.00786683	34.1435	34.1435	0.48369	0.74257	15.1887	1
cg01012584	THAP4;THAP4	0.0343769	0.0796616	3.58966	3.58966	0.192285	2.47638	2.47638	0.0905721	3.40483	3.40483	0.235004	0.441385	-2.2656	0.0640039	3.92644	3.92644	0.557107	0.676943	-1.47723	0.0063216	10.3433	10.3433	0.882199	0.90717	-1.10233	0.01321193	7.5249	7.5249	3.89232	26.6133	6.07766	1
cg15570405	THAP5;DNAJB9;THAP5	0.0177318	0.114402	3.42928	3.42929	0.01384	2.07244	-1.07023	0.113407	0.290383	-3.44375	0.733171	1.26903	1.26903	0.00123349	0.0239121	-41.6369	?	?	?	0.609655	0.698079	-1.4235	?	?	?	0.231777	2.43016	2.43016	6.56239	37.3073	4.86917	1
cg18179898	THAP5;DNAJB9;THAP5	0.0108509	0.738787	0.949666	-1.0539	0.0735099	0.735057	-1.36044	0.0220753	1.53749	-1.52947	0.298317	1.58212	1.58212	0.148998	1.26975	1.26976	0.348182	0.861524	-1.16073	0.0758038	0.588636	-1.69884	0.645608	0.931034	-1.07407	0.0930797	0.75193	-1.32991	0.44637	5.1562	2.335269	1
cg18176887	THAP5;DNAJB9;THAP5	0.0152878	?	?	?	?	?	?	0.0040697	7.83477	7.83477	0.754698	1.14527	1.14527	?	?	?	?	?	0.640056	1.22672	1.22672	0.355293	1.51948	1.51948	0.0380376	3.15849	3.15849	6.03257	9.08509	1.50601	1
cg20604884	THAP5;DNAJB9;THAP5;DNAJB9	0.0100663	0.77155	1.093786	-1.06702	0.843033	0.956784	-1.04517	0.4174033	1.20278	1.20278	0.62838	1.11481	1.11481	0.00361177	0.415697	-2.4056	0.000486743	0.295755	-1.38118	0.0728373	0.646286	1.54618	0.941532	1.04984	1.04984	0.10648	1.03579	0.810743	1.43594	0.459031	1
cg11856489	THAP5;THAP7	0.00436994	0.115627	0.791509	-1.26341	0.689933	0.945941	-1.05715	0.000896545	0.506786	-1.97322	0.0172156	1.48701	1.48701	0.0864919	1.29546	1.29546	0.428934	1.11671	1.11671	0.0035641	1.17381	1.71786	0.178911	1.21556	1.21556	0.464593	0.903256	-1.10711	7.64754	2.26288	0.263093	1
cg02833116	THAP5;THAP5;DNAJB9	0.019918	0.902961	1.021554	1.021554	0.5478826	0.532814	2.83455	0.925391	0.942334	-1.06119	0.530229	1.50084	1.50084	0.491656	1.65473	-1.65473	0.7015569	1.17824	1.27824	0.00282204	0.0226004	-4.4247	0.872356	0.902345	-1.10822	0.977184	1.01843	1.01843	5.13688	33.1112	5.74075	1
cg18993514	THAP6	0.00534253	0.10877	1.22864	1.22864	0.000333949	0.505958	-1.97645	0.0308077	0.742044	-1.34763	0.450245	1.09479	1.09479	0.283044	1.14032	1.14032	0.0570447	1.28849	1.28849	0.494743	1.08504	1.08504	0.302592	1.13396	1.13396	0.0705812	1.7883	1.7883	-1.26855	7.19135	1.57833	0.19509	1
cg04802407	THAP7;THAP6;THAP7;FLI39582;FLI39582;THAP7;THAP7	0.00846286	0.16358	0.720397	-1.38812	0.596145	1.12522	1.12522	0.986698	1.00095	1.00095	0.994549	0.840376	0.843071	-1.18614	0.308744	0.792652	-1.26159	0.08E-05	0.213583	0.487934	0.969867	-1.03107	0.631239	0.898819	-1.11257	0.23263	4.8028	0.684969	1
cg07305040	THAP7;THAP7	0.0450074	0.0710492	0.318296	-3.14173	0.0672635	0.312191	-3.20317	0.942811	1.04157	1.04157	0.148447	0.414828	-2.41064	0.0555911	0.291876	-3.42611	0.0895764	0.345596	-2.89155	0.00934091	0.153892	-6.49806	0.00747243	0.145147	-7.06477	0.0816272	0.334353	-2.99085	3.52531	17.9926	4.53674	1
cg05865670	THAP7;THAP7;FLI39582;FLI39582	0.000288304	0.0401443	0.28437	-3.51637	0.0238432	0.104162	-9.61432	0.431189	0.5566	-1.81399	0.310092	0.895433	-1.1167	0.0078599	0.181163	-5.51963	0.181801	0.685833	-1.45837	0.2570896	0.417614	2.39511	0.0027916	0.0044987	0.0044987	0.0044987	0.0044987	0.0044987	0.0044987	0.0044987	0.0044987	0.0044987	1
cg16597438	THAP8	0.00843369	0.447906	1.25988	-1.11274	0.00534578	0.475065	-2.10498	0.0401153	0.720719	-1.3875	0.556738	1.08556	1.08556	0.00874822	0.63048	-1.58609	0.233423	1.84517	1.18833	0.7766656	1.31107	1.627235	0.934644	-1.06993	0.383425	1.13138	1.13138	6.23944	1.88498	0.268541	1
cg23285320	THAP8;WDR62;WDR62	0.00165884	0.0593295	0.901372	-1.10942	0.00661486	0.842013	-1.18763	0.0054214	1.19543	1.19543	0.0190134	0.870666	-1.14655	0.94318	1.00348	1.00348	0.00519558	0.835342	-1.19711	0.916778	0.994915	-1.00511	0.138277	1.08095	1.08095	0.000401772	0.759911	-1.31594	10.1797	0.3835588	0.0334949	1
cg03501075	THAP9	0.00117758	0.6875297	1.19166	1.04269	4.73E-06	0.2248	2.95498	0.795331	0.897242	-1.02749	0.228723	1.13952	1.13952	0.0001	0.707517	-1.41339	0.0058273	1.45246	1.45246	0.0004281	0.584854	-1.78938	0.300253	0.894948	-1.11738	0.0407527	0.783312	1.29163	3.88807	0.1505	0.0389155	1
cg23995395	THAP9	0.0166435	0.38818	1.04868	1.04868	0.140801	0.918384	-1.08887	0.0783183	1.11083	1.11083	0.445262	0.959043	-1.04271	0.0025031	1.25318	1.25318	0.0187233	1.16546	1.16546	0.515498	0.965182	-1.03607	0.0146145	1.17539	1.17539	0.15094	1.08624	1.08624	5.0048	0.228944	0.0406622	1
cg18830721	THAP9	0.0147874	0.1548844	1.25148	1.25148	0.0442792	0.530858	-1.88374	0.341742	0.78152	-1.27919	0.0716467	0.78152	0.650449	-1.53675	0.0154606	-6.47235	0.2479507	1.18168	1.18168	0.2115	0.5215437	-1.91737	0.0844005	1.4896	1.4896	0.0118165	1.27622	1.27622	3.61861	1.24164	0.343866	1
cg05126138	THAP9;THAP9	0.00468501	0.1543221	1.07276	1.07276	0.0606304	0.907167	-1.10233	0.155977	1.07241	1.07241	0.252262	1.05663	1.05663	0.32875	1.04752	1.04752	0.101181	1.08619	1.08619	0.000254185	0.757587	-1.31998	0.622074	0.977376	-1.02315	0.0398551	1.11564	1.11564	7.48555	0.251503	0.0298654	1
cg01505785	THBD	0.00146747	0.00389748	0.319659	-3.12833	0.000598477	0.296676	-3.37068	0.941823	0.983394	-1.01689	0.605581	0.621724	-1.60843	0.091932	1.53062	1.53062	0.858538	1.04178	1.04178	0.0169444	1.95075	1.95075	0.034278	1.76216	1.76216	0.0415148	1.73479	1.73479	0.54559	8.79193	0.741051	1
cg16339238	THBD	0.0143443	0.7930404	1.06139	1.06139	0.543826	0.630858	-1.58374	0.341742	0.78152	-1.27919	0.0716467	0.78152	0.650449	-1.53675	0.0154606	-6.47235	0.4188377	0.480226	2.08225	0.0677052	0.114673	-8.72041	0.00366514	1.73088	1.73088	0.0328296	12.8097	12.8097	4.44021	4.76054	13.0305	1
cg20096897	THBD;THBD	2.58E-05	0.2000383	-4.99045	5.35E-05	0.221042	-4.52403	0.000706202	0.355693	-2.81141	0.0201624	1.75271	1.75271	0.489922	0.868968	1.15079	1.15079	0.000321016	0.3116655	-3.20867	9.47E-05	0.42606	0.42606	0.005058572	2.10072	2.10072	0.28814	0.801848	-1.24712	31.691	20.128	0.564562	1
cg05886265	THBS1	0.00032525	0.0198153	2.32921	2.32921	0.0139455	1.33	5.1139	0.0227674	2.24671	2.24671	0.0562996	0.4164	2.40144	0.0012796	0.749127	-1.3489	0.0222668	1.82667	1.82667	0.349553	1.04082	1.04082	0.164099	1.19619	1.19619	0.0868554	1.47642	1.47642	3.92749	1.40082	0.164099	22.9279	1.20665	1
cg09218434	THBS1	0.00333645	0.4155227	1.37362	1.37362	0.0930373	0.23252	2.02352	0.0653386	2.20188	2.20188	0.0035519	0.112295	-8.90515	0.0127438	0.307116	-3.25609	0.354625	0.695416	1.43799	?	?	?	0.223121	1.61088	1.61088	0.0314668	1.38197	1.38197	2.61794	4.87501	17.3599	2.04837	1
cg01548034	THBS1	0.0153384	0.7744435	1.05244	1.05244	0.00182534	2.19882	2.19882	0.00133072	2.2934	2.2934	0.1949129	1.2768	1.2768	0.6739938	1.07818	1.07818	0.8416265	1.03623	1.03623	0.177021	0.774732	-1.29077	0.103055	1.3733	1.3733	0.634739	1.08886	1.08886	5.35852	2.68519	0.445428	1
cg08433504	THBS1	0.0234255	0.0294223	0.166351	-6.00938	0.0098738	0.174161	-5.73715	0.0257799	0.51826	-1.92936	0.152836	0.515808	1.07323	0.132116	1.20115	1.20115	0.0727726	1.37526	2.04034352	0.13056	0.7491227	-1.3489	0.0922806	0.677647	1.47577	-1.40517	0.0938887	0.966666	-1.03448	0.73566	1.6336	2.90087	4.46466	0.845445	0.0029	1.26625	1
cg10078511	THBS1	0.0241357	0.0387047	2.06313	2.06313	0.896706	0.961471	-1.04007	0.00528299	3.04145	3.04145	0.0117289	2.59198	2.59198	0.394071	1.30222	1.30222	0.995302	0.99822	-1.00178	0.334469	1.36132	1.35136	0.690732	1.1286	1.1286	0.00366243	3.2828	3.2828	4.41077	6.39243	1.28825	1
cg04888085	THBS1	0.0247388	0.1354248	0.715283	-1.39807	0.1743211	0.1031	2.31031	0.0227683	2.16966	2.16966	0.0148268	0.1983	3.04268	-1.02387	0.0897309	4.7634	0.7258208	1.06639	1.06639	0.606424	0.842152	-2.07401	0.794611	1.00685	1.00685	0.9317136	1.64202	1.64202	3.69609	1.28722	0.642609	1
cg20043291	THBS1	0.0263322	0.687598	0.887181	-1.12717	0.992168	0.997097	-1.00291	0.192457	1.50458	1.50458	0.627545	0.865206	-1.15579	0.15789	0.639461	-1.56382	0.849796	0.945404	-1.05775	0.000732068	0.2187091	-4.57229	0.274596	1.40022	1.40022	0.2843	1.39011	1.39011	4.27904	5.94304	1.23455	1
cg18360562	THBS1	0.0313842	0.797862	0.973435	-1.02658	0.00828718	1.47315	1.47315	0.0057799	1.52836	1.52836	0.515808	1.07323	1.07323	0.132116	1.20115	1.20115	0.952003	0.992806	-1.00709	0.9882344	1.01222	1.01222	0.813183	0.867781	1.15233	0.0548586	1.33462	1.33462	4.02297	0.877996	0.519948	1
cg13458407	THBS1;THBS1	0.00255443	0.957118	1.00679	1.00679	0.639584	1.04115	1.04115	0.122338	0.810012	1.2345	0.0001107	1.22.0147	0.430157	1.23473	0.0187857	1.02935	1.029315	0.2000000	0.455948	0.2132	0.0144597	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1.56082	1
cg08714544	THB2	0.00017380	0.2402	1.13682	1.13682	0.00265209	0.648192	-1.54275	9.80E-05	0.485908	-2.058	0.324136	0.899258	-1.11203	0.000213331	1.90592	1.90592	0.465791	1.08047	1.08047	0.00020966	1.90905	1.90905	0.398548	1.09432	1.09432	0.985077	0.998052	-1.00195	0.9183	3.28642	0.153082	1
cg06159452	THB2	0.00382377	0.380016	0.854513	-1.16999	0.0443139	0.577852	-1.73109	5.70E-05	0.183496	-5.44846	0.0105108	0.569993	-1.75435	0.765623	0.941414	-1.0358	0.640404	1.09563	1.09563	0.0001	1.30739	1.30739	0.0370711	0.656513	1.52408	0.000132354	0.31429	-3.18177	15.3901	2.70994	0.429133	1
cg01017653	THB2	0.00033416	0.0007535386	0.262512	-3.80934	0.00633315	0.395796	-2.52655	0.0737815	0.6815	1.6815	0.0438738	1.82934	1.82934	0.428E-05	0.131676	-7.59442	0.149687	0.668478	-1.49594	0.0145476	2.19199	2.19199	0.079217	0.6017	-1.66196	0.0736122	0.40631	-2.46118	5.97414	17.1982	0.957168	1
cg10594506	THB2	0.00127228	0.0142717	0.498	-2.00753	0.0134134	0.20934	-4.81632	0.143332	0.6815	1.6815	0.0438738	1.82934	1.82934	0.428E-05	0.131676	-7.59442	0.143798	0.706352	1.41496	0.0019728	0.58098	-1.72123	0.0039475	1.63884	1.63884	0.1214809	2.07471	2.07471	1.77582	0.956562	0.2146791	1
cg24445724	THB3	0.0332935	0.138158	0.796044	-1.25621	0.00518358	1.69426	1.69426	0.874991	1.02275	1.02275	0.812041	1.03462	1.03462	0.685125	1.05998	1.05998	0.040486	1.40226	1.40226	0.533805	0.913894	-1.09422	0.008669961	1.61293	1.61293	0.432468	1.12127	1.12127	3.9375	1.27316	0.287415	1
cg16416987	THBS3;MTX1;MTX1	0.0169777	0.0118823	0.305988	-3.2681	0.00686806	0.267123	-3.7436	0.0150686	0.324136	-3.08512	0.422185	0.734036	-1.36233	0.00818055	0.279088	-3.5831	0.074708	0.473091	-2.11376	0.0266169	0.371227	-2.69377	0.007689	0.274812	-3.63885	0.103774	0.511255	-1.95597	4.97166	11.1988	2.00225	1
cg20942286	THBS4	0.00271363	0.5255108	0.958758	-1.04316	0.547803	0.558358	-1.79031	0.0758	0.594513	-1.68192	0.0794	0.48912	2.12857	0.0402001	0.585847	-1.70693	0.7401613	0.911571	1.09706	0.3412363	0.616185	-1.62268	0.5154417	0.8023816	1.24609	0.7509224	0.9381	1.10257	0.0080422	0.400625	2.49617	0.2481	0.208569	1
cg02123072	THBS4	0.00033083	0.2661227	0.821661	-1.21705	0.202526	0.79606	-1.25619	1.00E-05	0.200495	-4.98765	0.16191	0.776328	-1.28811	0.40652	0.865934	1.15482	0.0253969	0.637361	-1.56897	0.0013361	0.453604	-2.20456	0.000158605	0.334597	-2.98867	0.0136446	0.586189	-1.67732	16.0147	7.28894	0.404569	1
cg08580667	THBS4	0.00041358	0.0109364	0.405002	-2.46911	0.0156263	0.0156263	-6.39973	0.0237872	0.674626	-1.48226	0.0401464	0.79673	1.25506	0.0155354	0.565693	-1.76802	0.0216628	1.1284	1.1284	0.5350418	0.772878	1.29496	0.0227256	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	0.0116314	1
cg26094150	THBS4	0.00290832	0.0286783	0.551735	-1.81246	0.952777	0.987732	-1.01242	0.864702	0.961466	-1.04008	0.831289	1.05039	1.05039	0.002788898	0.254144	3.93477	0.0253174	0.34509	-2.89779	0.000458275	0.109821	-9.10576	0.00314916	0.198762	0.0156852	-5.03115	0.037831	0.381304	-2.62258	8.31945	21.1184	2.25639	1
cg20753185	THBS4	0.00329912	0.0199005	0.173101	-5.77697	0.00681712	0.245781	-4.06866	0.00397494	0.212172	-4.71336	0.0444097	0.396819	-2.52004	0.047685	0.400392	-2.47585	0.024537	0.426183	4.26183	0.0090685	0.01808	0.01808	0.0284691	4.05241	4.05241	0.0266591	4.14356	4.14356	3.46138	16.0576	4.12361	1
cg07757147	THBS4	0.0479257	0.1494303	1.10942	1.10942	0.0437152	0.707152	-1.41375	0.0003	0.388737	-2.57284	0.0149837	0.611599	-1.6355	0.0322892	1.63855	1.63855	0.0001	1.1785	1.1785	0.0476528	0.932892	1.07237	0.1312516	0.904914	1.10509	0.0358358	0.9704	1.03071	0.656513	1.52408	0.000132354	0.31429	-3.18177	15.3901	2.70994	0.429133	1
cg10017653	THBS3	0.00033416	0.0007535386	0.262512	-3.80934	0.00633315	0.395796	-2.52655	0.0737815	0.6815	1.6815	0.0438738	1.82934	1.82934	0.428E-05	0.131676	-7.59442	0.149687	0.668478	-1.49594	0.0145476	2.19199	2.19199	0.079217	0.6017	-1.66196	0.0736122	0.40631	-2.46118	5.97414	17.1982	0.957168	1
cg10594506	THBS4	0.00127228	0.0142717	0.498	-2.00753	0.0134134	0.20934	-4.81632	0.143332	0.6815	1.6815	0.0438738	1.82934	1.82934	0.428E-05	0.131676	-7.59442	0.143798	0.706352	1.41496	0.0019728	0.58098	-1.72123	0.0039475	1.63884	1.63884	0.1214809	2.07471	2.07471	1.77582	0.956562	0.2146791	1
cg24445724	THBS3	0.0332935	0.138158	0.796044	-1.25621	0.00518358	1.69426	1.69426	0.874991	1.02275	1.02275	0.812041	1.03462	1.03462	0.685125	1.05998	1.05998	0.040486	1.40226	1.40226	0.533805	0.913894	-1.09422	0.008669961	1.61293	1.61293	0.432468	1.12127	1.12127	3.9375	1.27316	0.287415	1
cg16416987	THBS3;MTX1;MTX1	0.0169777	0.0118823	0.305988	-3.2681	0.00686806	0.267123	-3.7436	0.0150686	0.324136	-3.08512	0.422185	0.734036	-1.36233	0.00818055	0.279088	-3.5831	0.074708	0.473091	-2.11376	0.0266169	0.371227	-2.69377	0.007689	0.274812	-3.63885	0.103774	0.511255	-1.95597	4.97166	11.1988	2.00225	1
cg20942286	THBS4	0.00271363	0.5255108	0.958758	-1.04316	0.547803	0.558358	-1.79031	0.0758	0.594513	-1.68192	0.0794	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16358438	THRAP3	0.000100282	0.893137	0.98095	-1.01942	0.128923	1.26467	1.26467	0.346874	1.14868	1.14868	0.610608	0.929145	-1.07626	0.00025079	0.421357	-2.37328
cg10212685	THRAP3	0.00101653	0.393764	0.858806	-1.16441	0.18299	1.27917	1.27917	0.977761	1.00487	1.00487	0.92176	0.983028	-1.01727	0.0148998	0.593464	-1.68502
cg26831562	THRAP3	0.00251076	0.0855033	0.503266	-1.98702	0.0168166	2.86855	2.86855	0.135307	1.78875	1.78875	0.031979	0.403434	-2.47872	0.012001	0.322401	-3.10173
cg26661718	THRAP3	0.00723	0.461678	0.757351	-1.32039	0.697213	0.865004	-1.15606	0.604673	0.823904	-1.21373	0.880324	1.05747	1.05747	0.00248709	0.210296	-4.7552
cg16956745	THRAP3	0.0100347	0.0463705	1.20156	1.20156	0.0193053	1.25571	1.25571	0.0576205	1.18858	1.18858	0.27421	0.912513	-1.09587	0.856776	1.01464	1.01464
cg17166941	THRAP3	0.0170372	0.287057	1.58508	1.58508	0.00540444	0.217447	-4.59882	0.0800516	0.445186	-2.24625	0.772078	1.12865	1.12865	0.0355553	0.360735	-2.77212
cg11916186	THRAP3	0.0288235	0.5971	1.07116	1.07116	0.0114035	1.50398	1.50398	0.21793	0.846173	-1.18179	0.579459	1.07481	1.07481	0.2479	0.855832	-1.16845
cg12900942	THRAP3	0.0299543	0.110784	2.3714	2.3714	0.0661716	2.78481	2.78481	0.00350871	7.15437	7.15437	0.0879785	0.392296	-2.5491	0.294083	0.58227	-1.71742
cg10376058	THRAP3;THRAP3	0.0371067	0.0826379	6.35104	6.35104	0.655562	1.49867	1.49867	0.650296	1.50885	1.50885	0.013514	0.0412529	-24.2407	0.0125856	0.0388843	-25.7173
cg13075600	THRB;THRB	0.0276353	0.242988	1.4526	1.4526	0.00670805	0.341491	-2.92833	0.269826	1.42067	1.42067	0.784463	1.08739	1.08739	0.321971	1.36705	1.36705
cg24120841	THRB;THRB;THRB	2.94E-05	0.983882	1.0005	1.0005	0.204592	0.967258	-1.03385	0.108108	1.04456	1.04456	1.93E-06	1.34084	1.34084	0.000105482	1.18568	1.18568
cg21069176	THRB;THRB;THRB	0.000677346	0.124402	1.30347	1.30347	0.00015394	2.81027	2.81027	0.330853	1.17332	1.17332	0.0468006	0.695872	-1.43705	0.0899992	1.34674	1.34674
cg24962827	THRB;THRB;THRB	0.0028537	0.155399	0.73933	-1.35258	0.000350756	0.319404	-3.13083	0.42306	0.849969	-1.17651	0.187357	1.31996	1.31996	0.00626755	0.492858	-2.02898
cg03201166	THRB;THRB;THRB	0.00316377	0.0137736	0.363308	-2.75248	0.000134963	0.110996	-9.0093	0.0123141	0.354699	-2.81929	0.21898	0.650579	-1.53709	0.262132	0.677861	-1.47523
cg09805010	THRB;THRB;THRB	0.00797158	0.000657239	0.234001	-4.27348	0.249852	1.3974	1.3974	0.0318366	2.01374	2.01374	0.708698	1.11007	1.11007	0.46894	0.814632	-1.22755
cg19763108	THRB;THRB;THRB	0.008369	0.0126682	0.363275	-2.75274	0.0983437	1.80835	1.80835	0.0428581	0.466896	-2.14181	0.0126356	0.363077	-2.75424	0.058139	0.496702	-2.01328
cg07581492	THRB;THRB;THRB	0.00933622	0.00377755	0.523857	-1.90892	0.0920565	1.35908	1.35908	0.442335	0.878448	-1.13837	0.101969	0.74368	-1.34466	0.00516757	0.542899	-1.84196
cg18784113	THRB;THRB;THRB	0.0101203	0.804142	1.12878	1.12878	0.0125494	4.54343	4.54343	0.0452232	3.06504	3.06504	0.115376	2.30372	2.30372	0.00347213	0.144571	-6.91703
cg01190276	THRB;THRB;THRB	0.0181079	0.042736	0.371174	-2.69415	0.00128148	0.136027	-7.35148	0.017644	0.293298	-3.4095	0.368982	0.675673	-1.48	0.0490542	0.384926	-2.5979
cg00700241	THRB;THRB;THRB	0.0222317	0.293656	0.654325	-1.52829	0.212752	1.66693	1.66693	0.0545559	2.33778	2.33778	0.712818	1.15483	1.15483	0.00119481	0.157395	-6.35345
cg00207794	THRB;THRB;THRB	0.0302628	0.879781	1.02022	1.02022	0.0105925	0.653659	-1.52985	0.234234	1.1793	1.1793	0.511148	0.915629	-1.09215	0.717571	0.953093	-1.04922
cg12405742	THRB;THRB;THRB	0.043153	0.312381	0.649835	-1.53885	0.149738	0.528876	-1.8908	0.00605285	0.227933	-4.38725	0.521766	0.765044	-1.30711	0.0397817	0.375142	-2.66566
cg15385623	THRB;THRB;THRB;THRB;THRB	0.0403774	0.736483	0.969398	-1.03157	0.109938	1.17391	1.17391	0.00836208	1.36353	1.36353	0.610389	1.04842	1.04842	0.0460843	1.23409	1.23409
cg00688963	THRB;THRB;THRB;THRB;THRB;THRB	0.0235919	0.0946433	2.04656	2.04656	0.00317499	0.207835	-4.81151	0.423057	1.37575	1.37575	0.532269	1.27969	1.27969	0.0307391	0.371849	-2.68926
cg27534671	THSD1;THSD1	0.000806398	0.00132244	0.488901	-2.04541	4.06E-05	0.301173	-3.32035	0.0111008	0.613975	-1.62873	0.958016	0.991968	-1.0081	0.0793162	1.34771	1.34771
cg24582137	THSD1;THSD1	0.00225688	0.518231	1.11118	1.11118	0.0338191	0.67109	-1.49011	0.176889	0.793713	-1.2599	0.175083	0.792849	-1.26127	5.34E-05	0.297121	-3.36564
cg17445044	THSD1;THSD1	0.00566151	0.0003791	0.299133	-3.34299	0.0311565	0.584176	-1.71181	0.263632	0.780617	-1.28104	0.0286434	1.73103	1.73103	0.162089	0.728131	-1.37338
cg26493224	THSD1;THSD1	0.021897	0.0538032	0.436134	-2.29287	0.00064473	0.137493	-7.27309	0.36565	0.703097	-1.42228	0.586141	1.23164	1.23164	0.03928	0.405004	-2.46911
cg25402685	THSD1;THSD1;THSD1;THSD1	0.00761639	0.247404	0.835523	-1.19686	0.945412	1.01023	1.01023	0.837388	1.03101	1.03101	0.0142962	0.638342	-1.56656	0.0579356	0.727233	-1.37508
cg25852722	THSD1P	0.00262665	0.301684	1.38377	1.38377	0.00248518	3.58326	3.58326	0.000154352	7.1574	7.1574	0.162949	0.636305	-1.57157	0.419624	1.28442	1.28442
cg19049152	THSD1P	0.00992411	0.00114328	0.21782	-4.59094	0.0217469	0.415691	-2.40563	0.781187	1.0928	1.0928	0.512401	0.809179	-1.23582	0.176601	0.632687	-1.58056
cg11547828	THSD1P	0.014395	0.011708	0.591229	-1.69139	0.32611	1.18433	1.18433	0.30604	1.19343	1.19343	0.0727652	0.716049	-1.39655	0.153415	0.774864	-1.29055
cg24678163	THSD1P	0.0287965	0.112448	1.96475	1.96475	0.00579916	4.10578	4.10578	0.0595388	2.29589	2.29589	0.260733	1.58159	1.58159	0.105129	1.99779	1.99779
cg00741351	THSD1P	0.0306822	0.00067715	0.259173	-3.85842	0.346646	1.28641	1.28641	0.206971	1.41321	1.41321	0.401658	0.800057	-1.24991	0.85458	0.95344	-1.04883
cg16201899	THSD1P	0.0436732	0.0209087	0.593476	-1.68499	0.276911	0.808725	-1.23651	0.577361	1.11147	1.11147	0.988554	0.997311	-1.0027	0.0166941	0.577795	-1.73072
cg03441710	THSD4	1.88E-05	0.000406597	0.216459	-4.61981	1.47E-05	0.0861358	-11.6096	0.000156781	0.171695	-5.82427	0.000143478	0.167834	-5.95827	1.50E-05	0.0866366	-11.5425
cg22694813	THSD4	3.55E-05	0.000146066	0.292498	-3.41883	9.74E-05	0.271746	-3.67991	0.000581751	0.367689	-2.71969	0.226588	0.787574	-1.26972	2.63E-06	0.118905	-8.41007
cg27449507	THSD4	4.59E-05	0.129548	0.817826	-1.22275	0.0888252	1.2592	1.2592	0.0125715	0.683104	-1.46391	0.0140363	1.45122	1.45122	2.39E-06	0.244652	-4.08744
cg13594465	THSD4	0.000151668	0.0771102	0.708753	-1.41093	0.0359075	1.5334	1.5334	0.00285339	0.487203	-2.05253	0.341906	0.842388	-1.1871	1.28E-05	0.200574	-4.9857
cg02034168	THSD4	0.000203418	0.0349095	0.859937	-1.16288	0.315332	1.06452	1.06452	0.0805259	1.12528	1.12528	0.0652168	0.881362	-1.13461	0.280791	1.0699	1.0699
cg07016095	THSD4	0.000399618	0.00237651	0.578714	-1.72797	2.51E-05	0.33951	-2.94542	0.00361121	0.601363	-1.66289	0.0094647	0.654107	-1.5288	0.00807861	0.645366	-1.54951
cg14283939	THSD4	0.000627216	0.523905	0.824245	-1.21323	0.571676	1.18653	1.18653	0.833678	0.939013	-1.06495	0.146399	0.627174	-1.59445	6.71E-06	0.0501439	-19.9426
cg19634315	THSD4	0.00121173	?	?	?	0.000239811	0.0577474	-17.3168	0.00120668	0.132944	-7.52198	?	?	?	?	?	?
cg01083652	THSD4	0.0030409	0.00478211	0.558593	-1.79021	0.10643	0.760236	-1.31538	0.0145298	0.626174	-1.597	0.830106	1.03398	1.03398	0.842353	0.969511	-1.03145
cg27235366	THSD4	0.00304876	0.0696445	1.26881	1.26881	0.535422	1.07642	1.07642	0.00231557	0.606932	-1.64763	0.136683	1.20699	1.20699	0.559752	1.07165	1.07165
cg26817145	THSD4	0.00328144	0.155942	1.46802	1.46802	0.287944	0.75652	-1.32184	0.00787228	0.42219	-2.3686	0.174522	1.44091	1.44091	9.59E-05	0.172761	-5.78833
cg19617897	THSD4	0.00389314	0.178791	1.43207	1.43207	0.952029	0.984988	-1.01524	0.00330042	0.36556	-2.73553	0.198908	1.40679	1.40679	0.000590748	0.263353	-3.79718
cg09274392	THSD4	0.00552019	0.482833	1.18129	1.18129	0.000252282	0.244243	-4.09429	0.424998	0.826696	-1.20963	0.00777167	0.450023	-2.22211	0.691068	1.0978	1.0978
cg09830575	THSD4	0.00611045	0.0242469	0.452972	-2.20764	0.400127	1.28909	1.28909	0.00361887	0.313173	-3.19312	0.00257672	0.291728	-3.42785	0.0110457	0.390734	-2.55928
cg13486833	THSD4	0.00849955	0.161583	0.604039	-1.65552	0.126146	1.7473	1.7473	0.547487	0.814416	-1.22787	0.124867	1.75114	1.75114	0.0216944	0.394769	-2.53313
cg21759907	THSD4	0.00940926	0.19031	0.746082	-1.34034	0.0129777	0.521451	-1.91773	0.000438752	0.30944	-3.23165	0.338736	1.23153	1.23153	0.0142724	0.528224	-1.89314
cg02116757	THSD4	0.0096585	0.914221	0.981362	-1.01899	0.00591043	1.87531	1.87531	0.718607	0.938775	-1.06522	0.10314	0.732501	-1.36519	0.0241875	0.625456	-1.59883
cg11962971	THSD4	0.00998545	0.0954144	0.721665	-1.38568	0.0145972	0.585353	-1.70837	0.0696045	0.696732	-1.43527	0.018725	1.6608	1.6608	0.00311657	0.486805	-2.05421
cg17859502	THSD4	0.0100896	0.0291037	0.419522	-2.38367	0.018953	0.383003	-2.61095	0.00636005	0.3013	-3.31895	0.00807995	0.317975	-3.1449	0.0010037	0.192162	-5.20394
cg12354961	THSD4	0.0141321	0.591471	0.91303	-1.09525	0.0013233	0.456408	-2.19102	0.0173736	0.61481	-1.62652	0.0463292	0.681608	-1.46712	0.275534	0.826544	-1.20986
cg22735650	THSD4	0.0165336	0.0518335	0.767265	-1.30333	0.758142	1.03767	1.03767	0.00962166	1.48052	1.48052	0.437022	1.09958	1.09958	0.00342896	0.621263	-1.60962
cg05739476	THSD4	0.0185088	0.0167872	0.422344	-2.36774	0.268163	0.711311	-1.40586	0.0446656	0.50621	-1.97546	0.833643	1.06409	1.06409	0.138722	0.624556	-1.60114
cg17311074	THSD4	0.0198801	0.16459	1.88854	1.88854	0.026355	3.0937	3.0937	0.839114	1.09108	1.09108	0.376831	1.47531	1.47531	0.0124975	3.79042	3.79042
cg00125893	THSD4	0.022626	0.0118171	0.329946	-3.0308	0.0861593	0.512336	-1.95185	0.537649	1.24625	1.24625	0.00309836	0.239907	-4.16828	0.0214463	0.377317	-2.65029
cg04631994	THSD4	0.0247523	0.665618	1.11802	1.11802	0.00541786	0.391008	-2.55749	0.294158	0.756415	-1.32203	0.772332	0.928272	-1.07727	0.00120014	0.295983	-3.37857
cg23858537	THSD4	0.0251182	0.210509	0.522243	-1.91482	0.757434	1.16477	1.16477	0.312395	0.597805	-1.67279	0.315475	0.599892	-1.66697	0.00158407	0.107232	-9.32554
cg21573135	THSD4	0.0307678	0.2303	1.36324	1.36324	0.0105264	2.20887	2.20887	0.0298125	1.87665	1.87665	0.011055	2.19161	2.19161	0.136857	0.673981	-1.48372
cg03832737	THSD4	0.0317535	0.0275569	0.280347	-3.56701	0.0789995	0.386036	-2.59043	0.0308316	0.290111	-3.44695	0.276596	0.575639	-1.7372	0.00530451	0.166433	-6.00843
cg21410276	THSD4	0.0371907	0.105543	1.72763	1.72763	0.00807233	2.85506	2.85506	0.888919	0.957709	-1.04416	0.562004	1.19876	1.19876	0.517314	1.22505	1.22505
cg26964544	THSD4	0.0374372	0.00901637	0.245823	-4.06797	0.441929	0.753481	-1.32717	0.585022	1.21871	1.21871	0.0280081	0.35393	-2.82542	0.0163737	0.299964	-3.33373
cg05310046	THSD4	0.0475259	0.348438	0.80603	-1.24065	0.960688	1.01107	1.01107	0.339376	1.24604	1.24604	0.0123926	0.498892	-2.00444	0.0472088	0.602156	-1.6607
cg12399197	THSD4	0.048247	0.0249128	0.266653	-3.75019	0.08051	0.382887	-2.61174	0.102859	0.413227	-2.41998	0.834391	0.901513	-1.10925	0.0139664	0.222351	-4.49739
cg24453600	THSD4	0.048521	0.45103	1.4352	1.4352	0.683379	1.2128	1.2128	0.172102	1.98146	1.98146	0.376994	1.53191	1.53191	0.00291047	0.14588	-6.85495
cg26616283	THSD7A	0.000324559	0.00298148	0.666066	-1.50135	0.0413132	1.26458	1.26458	0.00431155	1.4632	1.4632	0.00370407	0.676288	-1.47866	0.00540887	0.694092	-1.44073
cg03914237	THSD7A	0.0242041	0.237133	1.29542	1.29542	0.0121092	0.52013	-1.9226	0.011354	0.515618	-1.93942	0.907801	1.02451	1.02451	0.182632	1.34389	1.34389
cg24676244	THSD7A	0.0292902	0.274605	1.29796	1.29796	0.00364375	0.405615	-2.46539	0.230735	1.33435	1.33435	0.103848	1.50385	1.50385	0.611109	0.889007	-1.12485
cg07016094	THSD7A	0.0316282	0.518887	1.16263	1.16263	0.0285832	1.81335	1.81335	0.412132	0.824299	-1.21315	0.539406	0.866606	-1.15393	0.550801	0.870164	-1.14921
cg23580662	THSD7A	0.0320433	0.379605	0.884142	-1.13104	0.0173571	0.67314	-1.48558	0.0406414	0.724025	-1.38117	0.66495	1.06134	1.06134	0.55556	1.08486	1.08486
cg22383292	THSD7A	0.0455909	0.0877192	0.583734	-1.71311	0.0266492	0.472251	-2.11752	0.0336818	0.492393	-2.0309	0.282155	0.726728	-1.37603	0.0162752	0.432077	-2.3144
cg26748945	THSD7A;THSD7A	0.00890571	0.0789798	0.730383	-1.36914	0.00755959	0.574921	-1.73937	0.423128	0.876529	-1.14086	0.537085	0.904229	-1.10591	0.136833	0.772483	-1.29453
cg11746464	THSD7B	2.58E-06	3.42E-07	0.117915	-8.4807	2.25E-05	0.292143	-3.42298	1.94E-05	0.284919	-3.50976	0.555707	1.09014	1.09014	0.0224288	0.67295	-1.48599
cg21495956	THSD7B	6.25E-06	1.25E-07	0.0492084	-20.3217	0.12312	1.34917	1.34917	0.00624752	0.527827	-1.89456	0.0645886	0.689198	-1.45096	0.00500602	0.513814	-1.94623
cg08084967	THSD7B	9.18E-06	3.03E-07	0.0638091	-15.6718	0.97218	0.993622	-1.00642	0.0484831	0.66125	-1.51229	0.312441	1.21134	1.21134	0.241244	1.25244	1.25244
cg14255655	THSD7B	3.84E-05	1.59E-06	0.0502421	-19.9036	0.605961	0.879242	-1.13734	0.000699928	0.278479	-3.59093	0.414342	0.81353	-1.22921	0.130918	0.668055	-1.49688
cg21604726	THSD7B	4.53E-05	3.64E-05	0.382805	-2.6123	0.239348	0.861769	-1.1604	0.00018855	0.467484	-2.13911	5.87E-06	0.292524	-3.41852	0.00903289	0.669849	-1.49287
cg07412043	THSD7B	0.00034119	1.88E-05	0.0821057	-12.1794	0.0463312	1.92536	1.92536	0.594736	0.857171	-1.16663	0.00147349	0.267865	-3.73322	0.923548	1.02793	1.02793
cg06848148	THSD7B	0.000733456	3.99E-05	0.0566341	-17.6572	0.605229	1.21005	1.21005	0.0428111	0.426353	-2.34548	0.00356355	0.236023	-4.23688	0.0253384	0.378305	-2.64337
cg05853130	THSD7B	0.00132255	0.000159537	0.146025	-6.84814	0.181008	0.654785	-1.52722	0.000170442	0.148734	-6.72339	0.180921	0.654723	-1.52736	0.0189835	0.428752	-2.33235
cg00743354	THSD7B	0.00259351	0.000788067	0.362823	-2.75617	0.00388411	2.17492	2.17492	0.127482	0.719425	-1.39	0.659358	0.915178	-1.09268	0.233387	1.28358	1.28358
cg08231096	THSD7B	0.0160306	0.00351696	0.0701514	-14.2549	0.242724	2.27217	2.27217	0.621927	0.716274	-1.39611	0.35084	0.524848	-1.90531	0.123065	0.325775	-3.0696
cg23554286	THSD7B	0.0176739	0.000710665	0.0489099	-20.4458	0.18947	2.25554	2.25554	0.607861	1.35376	1.35376	0.067778	0.302004	-3.31121	0.828189	0.880564	-1.13564
cg20602628	THSD7B	0.0409993	0.0724853	0.674552	-1.48246	0.245077	0.787525	-1.2698	0.0361779	0.619669	-1.61376	0.704392	0.927854	-1.07776	0.00447988	0.474961	-2.10543
cg19463228	THTPA;THTPA;THTPA	0.00133174	0.00461191	0.601262	-1.66317	0.00154835	0.541036	-1.8483	0.292881	1.15864	1.15864	0.00054211	2.06609	2.06609	0.59601	0.930344	-1.07487
cg18862641	THTPA;THTPA;THTPA	0.0232674	0.905685	1.02983	1.02983	0.1742	1.43106	1.43106	0.18619	1.41554	1.41554	0.0726585	0.608624	-1.64305	0.68332	1.10705	1.10705
cg04149335	THTPA;THTPA;THTPA	0.0293968	0.0080389	2.18651	2.18651	0.594256	1.13187	1.13187	0.241599	1.3263	1.3263	0.825092	1.05232	1.05232	0.0514257	0.599952	-1.6668
cg02124354	THTPA;THTPA;THTPA;THTPA	0.0132051	0.0485877	0.683944	-1.46211	0.11399	0.748315	-1.33634	0.00664518	1.81111	1.81111	0.0731256	0.713901	-1.40075	0.63374	1.08431	1.08431
cg18333152	THTPA;THTPA;THTPA;THTPA;THTPA	0.00610058	0.201273	0.623207	-1.6046	0.415225	0.746923	-1.33883	0.543131	1.24069	1.24069	0.520019	0.795732	-1.2567	0.891919	0.953482	-1.04879
cg06752558	THTPA;THTPA;THTPA;THTPA;THTPA	0.00876086	0.0377728	1.45781	1.45781	0.0275233	1.50354	1.50354	0.00452848	1.80721	1.80721	0.0216905	0.649722	-1.53912	0.402967	0.874673	-1.14328
cg26980987	THUMPD1	0.00102074	0.016248	0.662929	-1.50846	0.00280221	0.562127	-1.77896	0.000236727	0.426591	-2.34417	0.00777007	0.619974	-1.61297	0.000105267	0.383599	-2.60689
cg02515467	THUMPD1	0.00288792	0.00198236	0.182152	-5.48992	0.00273104	0.199391	-5.01528	0.12273	0.521075	-1.91911	0.0230629	0.346712	-2.88423	0.0245636	0.352106	-2.84005
cg02210147	THUMPD1	0.00375981	0.086893	0.531583	-1.88117	0.000690554	0.177078	-5.64723	0.00107778	0.199176	-5.02068	0.00642856	0.305864	-3.26943	0.0079946	0.321079	-3.1145
cg04699460	THUMPD1	0.006701	0.00284736	0.21385	-4.67618	0.103996	0.512937	-1.94956	0.0889961	0.494377	-2.02275	0.242319	0.631553	-1.5834	0.00554862	0.254491	-3.92941
cg05349650	THUMPD1	0.0100071	0.410111	1.15995	1.15995	0.127095	0.747785	-1.33728	0.510726	1.12469	1.12469	0.667304	1.07915	1.07915	0.108359	1.36142	1.36142
cg01619692	THUMPD1	0.0130418	0.437588	1.17934	1.17934	0.546472	1.13557	1.13557	0.958469	1.01091	1.01091	0.00199541	0.402896	-2.48203	0.136493	0.715927	-1.39679
cg16375179	THUMPD1	0.0415823	0.579198	1.19415	1.19415	0.000974804	4.73031	4.73031	0.239159	0.676751	-1.47765	0.366886	0.745569	-1.34126	0.606411	1.17893	1.17893
cg13254588	THUMPD2;THUMPD2	0.00383103	0.214086	0.868095	-1.15195	0.439832	1.08893	1.08893	0.331248	0.897264	-1.1145	0.400067	0.911056	-1.09763	0.922987	0.989598	-1.01051
cg05136531	THUMPD2;THUMPD2	0.0326089	0.791496	0.856045	-1.16816	0.0848985	3.05783	3.05783	0.0381081	4.09649	4.09649	0.510591	1.47918	1.47918	0.00311377	0.0932831	-10.7201
cg09532095	THUMPD2;THUMPD2	0.0479849	0.0318532	0.157125	-6.36436	0.549617	1.56116	1.56116	0.654167	0.717654	-1.39343	0.224046	0.390717	-2.55939	0.0292085	0.150994	-6.62279
cg24817003	THUMPD3;THUMPD3	0.000328487	0.0745109	1.42962	1.42962	0.729246	0.93941	-1.0645	0.391777	0.853997	-1.17096	0.00285021	2.09312	2.09312	2.07E-05	0.213228	-4.68981
cg26143413	THUMPD3;THUMPD3	0.00125063	0.0026234	0.404754	-2.47064	0.00701523	0.469102	-2.13173	0.00656363	0.464592	-2.15242	0.685322	0.915345	-1.09248	0.000409008	0.295567	-3.38333
cg15443403	THUMPD3;THUMPD3	0.0262147	0.289869	0.73871	-1.35371	0.00906677	0.400811	-2.49494	0.00420706	0.347577	-2.87706	0.568022	1.17245	1.17245	0.167195	0.66635	-1.50071
cg16309460	THUMPD3;THUMPD3	0.0342601	0.0245635	0.371236	-2.69371	0.356225	1.42068	1.42068	0.189271	0.597756	-1.67292	0.033885	0.39991	-2.50056	0.466104	0.75999	-1.31581
cg16201780	THY1	0.0202398	0.0233853	0.422352	-2.36769	0.131822	0.595968	-1.67794	0.53723	1.21993	1.21993	0.761934	0.907848	-1.10151	0.00174728	0.241774	-4.1361
cg17236709	THY1;THY1	4.73E-06	0.0740484	1.17394	1.17394	0.0440286	0.82994	-1.20491	4.24E-07	3.17985	3.17985	0.114922	1.14808	1.14808	7.76E-05	1.77944	1.77944
cg16566400	THY1;THY1	0.00230218	0.171586	0.710536	-1.40739	0.449894	1.19815	1.19815	0.00337279	2.55027	2.55027	0.671329	0.904642	-1.10541	0.0337075	1.7902	1.7902
cg12689427	THYN1;ACAD8;ACAD8;THYN1;THYN1;THYN1;THYN1	0.0160423	0.126674	0.223604	-4.47219	0.55537	0.582279	-1.71739	0.458922	1.98123	1.98123	?	?	?	?	?	?
cg23585910	THYN1;THYN1;THYN1;ACAD8;THYN1;THYN1	0.00208341	0.650789	0.938822	-1.06516	0.632931	0.935515	-1.06893	0.395064	0.886329	-1.12825	0.0452923	0.727505	-1.37456	0.657653	0.940085	-1.06373
cg23718775	THYN1;THYN1;THYN1;ACAD8;THYN1;THYN1	0.00991157	0.00719285	0.772514	-1.29448	0.492779	0.949498	-1.05319	0.774099	1.02164	1.02164	0.297192	0.922745	-1.08372	0.956021	1.00411	1.00411
cg19966618	THYN1;THYN1;THYN1;ACAD8;THYN1;THYN1	0.0276418	0.151576	1.21571	1.21571	0.0799351	1.28019	1.28019	0.00248245	1.70678	1.70678	0.0701145	0.773049	-1.29358	0.188957	0.837842	-1.19354
cg19680388	THYN1;THYN1;THYN1;THYN1;THYN1	0.0161083	0.398532	1.15174	1.15174	0.000692846	2.33069	2.33069	0.0441496	1.45926	1.45926	0.0619698	1.40988	1.40988	0.681047	0.934682	-1.06988
cg24074685	TIA1;TIA1	0.00636131	0.426514	1.14537	1.14537	0.80056	1.04322	1.04322	0.00968343	1.72836	1.72836	0.24844	0.817351	-1.22346	0.00136682	0.459934	-2.17422
cg22948335	TIA1;TIA1	0.0174665	0.4504	1.19432	1.19432	0.376123	1.23335	1.23335	0.660133	1.10758	1.10758	0.0587863	0.610866	-1.63702	0.00583797	0.434549	-2.30124
cg15856091	TIAL1;TIAL1	0.000709449	0.0183669	1.31467	1.31467	0.444218	0.928133	-1.07743	0.435393	1.07906	1.07906	0.647303	0.956911	-1.04503	9.40E-05	1.94586	1.94586
cg08876869	TIAL1;TIAL1	0.00321441	0.112813	0.864723	-1.15644	0.00509219	0.732161	-1.36582	0.0283076	0.804107	-1.24362	0.899584	0.989425	-1.01069	0.130946	0.871679	-1.14721
ch.10.2563868	TIAL1;TIAL1	0.00747895	0.00206287	0.26265	-3.80735	0.030019	0.455517	-2.19531	0.00224435	0.267669	-3.73595	0.00457125	0.312458	-3.20044	0.0265935	0.445009	-2.24715
cg26164773	TIAL1;TIAL1	0.00755598	0.73577	0.933673	-1.07104	0.00404007	2.18667	2.18667	0.384441	0.834693	-1.19805	0.81476	1.0487	1.0487	0.00323739	0.44319	-2.25637
cg06485447	TIAL1;TIAL1	0.0183043	0.0110912	0.453541	-2.20487	0.200599	0.714894	-1.39881	0.103592	0.642792	-1.55571	0.712572	0.912227	-1.09622	0.00743026	0.424861	-2.35371
cg03613717	TIAL1;TIAL1	0.0334914	0.340306	0.918325	-1.08894	0.687839	0.965587	-1.03564	0.000951693	1.53266	1.53266	0.0710036	1.1911	1.1911	0.0758873	1.18682	1.18682
cg17949162	TIAL1;TIAL1	0.0423129	0.0350601	0.576705	-1.73399	0.177476	1.37886	1.37886	0.0114203	2.03317	2.03317	0.880087	1.03442	1.03442	0.872817	0.964728	-1.03656
cg15734422	TIAL1;TIAL1	0.0451371	0.754419	0.946573	-1.05644	0.694766	0.933325	-1.07144	0.296154	1.20869	1.20869	0.490228	0.884594	-1.13046	0.159314	1.30104	1.30104
cg19517912	TIAM1	0.00161973	9.82E-05	0.493096	-2.028	0.222011	0.877082	-1.14014	0.429743	1.08585	1.08585	0.00597252	0.692628	-1.44378	0.225754	1.13882	1.13882
cg00615473	TIAM1	0.00333395	0.525203	0.874417	-1.14362	0.334817	1.23038	1.23038	0.365372	1.21392	1.21392	0.718133	0.927229	-1.07848	0.562828	0.885199	-1.12969
cg25046584	TIAM1	0.00422936	0.156848	1.17782	1.17782	0.122302	1.19842	1.19842	0.93653	1.00865	1.00865	0.636821	1.05275	1.05275	0.000828544	0.580352	-1.72309
cg12258307	TIAM1	0.00756054	0.603893	0.885842	-1.12887	0.377215	1.23417	1.23417	0.657898	0.90197	-1.10868	0.350435	1.25016	1.25016	0.00876795	2.23203	2.23203
cg16711792	TIAM1	0.00902586	0.593741	0.905537	-1.10432	0.101873	0.718921	-1.39097	0.454745	0.869075	-1.15065	0.973248	0.993839	-1.0062	0.0153583	0.577932	-1.73031
cg13486354	TIAM1	0.00979385	0.141238	1.36631	1.36631	0.025305	0.591801	-1.68976	0.817863	0.955515	-1.04656	0.267912	0.7964	-1.25565	0.00207905	0.425307	-2.35124
cg23537820	TIAM1	0.0185363	0.772158	1.08485	1.08485	0.00635862	0.369231	-2.70833	0.0411872	0.516475	-1.9362	0.0636176	0.557122	-1.79494	0.144925	0.644587	-1.55138
cg24512134	TIAM1	0.0242365	0.229534	1.34553	1.34553	0.011743	0.476655	-2.09795	0.721931	1.08776	1.08776	0.291419	1.29395	1.29395	0.679892	0.906951	-1.10259
cg20254364	TIAM1	0.0282331	0.188909	0.752445	-1.329	0.536105	0.879826	-1.13659	0.026037	0.582888	-1.7156	0.812212	1.04984	1.04984	0.0534811	1.56547	1.56547
cg15853125	TIAM1	0.0288371	0.0107931	0.403804	-2.47645	0.817127	0.936514	-1.06779	0.244128	1.41207	1.41207	0.64011	1.14264	1.14264	0.00757642	0.378079	-2.64495
cg26648185	TIAM1	0.0395873	0.0454207	0.42178	-2.3709	0.00276057	0.211528	-4.7275	0.0153447	0.326456	-3.0632	0.592208	0.815944	-1.22557	0.606448	0.822432	-1.21591
cg02071988	TIAM2	9.43E-05	0.00019791	0.124499	-8.03222	0.327748	0.71421	-1.40015	5.22E-05	0.0804714	-12.4268	0.000100774	0.100592	-9.9411	0.260337	0.676271	-1.4787
cg18819620	TIAM2	0.000791277	0.266159	0.865624	-1.15524	4.47E-05	0.38195	-2.61814	0.0137322	0.684221	-1.46152	0.025565	0.71863	-1.39154	0.93025	0.989156	-1.01096

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16358438	0.0023095	1.83908	1.83908	6.30E-06	0.236157	-4.23446	0.629142	0.932731	-1.07212	0.00971278	1.597	1.597	22.1239	7.17569	0.288304	1
cg10212685	6.83E-05	0.281051	-3.55807	0.104345	0.733911	-1.36256	0.728724	1.06255	1.06255	0.000221202	0.342323	-2.92121	11.7119	5.63179	0.42743	1
cg26831562	0.0041964	0.250248	-3.99603	0.000734161	0.156715	-6.38099	0.562228	0.809238	-1.23573	0.0108452	0.314845	-3.17617	9.02063	18.6421	1.83698	1
cg26661718	0.00701349	0.274432	-3.64389	0.000656483	0.144223	-6.93371	0.980969	0.991192	-1.00889	0.0169783	0.339678	-2.94396	6.5487	14.2678	1.93664	1
cg16956745	0.506758	0.947241	-1.0557	0.000932096	0.671923	-1.48827	0.631666	0.96188	-1.03963	0.402156	1.07143	1.07143	5.90408	0.605476	0.0911575	1
cg17166941	0.0638824	0.419832	-2.3819	0.00357053	0.193046	-5.18012	0.983978	0.991668	-1.0084	0.0328459	0.353391	-2.82973	4.96585	13.6561	2.44444	1
cg11916186	0.178642	1.2022	1.2022	0.00577474	0.627434	-1.59379	0.130231	0.810071	-1.23446	0.708044	1.04968	1.04968	4.14517	1.09039	0.233824	1
cg12900942	0.203782	0.51347	-1.94753	0.265971	0.562123	-1.77897	0.818797	1.12079	1.12079	0.514689	0.720116	-1.38867	4.08904	15.9938	3.47679	1
cg10376058	?	?	?	0.101221	5.54152	5.54152	0.542395	1.7468	1.7468	0.551947	1.72311	1.72311	5.58821	58.1361	6.50209	1
cg13075600	0.371161	1.32393	1.32393	0.00689426	2.912	2.912	0.0461695	2.00996	2.00996	0.410418	1.29335	1.29335	4.20715	6.22209	1.31461	1
cg24120841	0.000291973	1.15817	1.15817	1.89E-05	1.24148	1.24148	0.249279	1.0304	1.0304	0.51012	1.01675	1.01675	30.6287	0.300004	0.00870656	1
cg21069176	0.00432702	1.83592	1.83592	0.597815	1.08851	1.08851	6.10E-05	3.25075	3.25075	0.640079	1.07791	1.07791	13.1314	5.27769	0.357257	1
cg24962827	0.279871	0.799983	-1.25003	0.000399501	0.326559	-3.06224	0.343481	0.823768	-1.21393	0.761997	0.941442	-1.0622	8.68598	5.42903	0.555585	1
cg03201166	0.684168	1.14568	1.14568	0.702541	1.13609	1.13609	0.00453265	0.284346	-3.51684	0.0162542	0.376334	-2.65722	8.42397	14.7525	1.55666	1
cg09805010	0.767902	0.920953	-1.08583	0.239097	1.40924	1.40924	0.964678	0.987754	-1.0124	0.00840407	2.55145	2.55145	6.35126	7.78787	1.08995	1
cg19763108	0.836982	1.06964	1.06964	0.00309617	0.26642	-3.75347	0.13342	1.69725	1.69725	0.0322753	0.440741	-2.2689	6.25463	10.5781	1.50332	1
cg07581492	0.0251312	0.643607	-1.55374	0.22066	1.23742	1.23742	0.0297211	0.654882	-1.52699	0.0277055	0.650144	-1.53812	6.04155	2.61896	0.385325	1
cg18784113	0.276053	1.73741	1.73741	0.0180886	4.05392	4.05392	0.0221755	3.8073	3.8073	0.32725	1.63731	1.63731	5.88805	22.1652	3.34617	1
cg01190276	0.0551239	0.396958	-2.51916	0.0283488	0.332973	-3.00325	0.0124814	0.266949	-3.74603	0.326592	0.650292	-1.53777	4.86534	13.9113	2.54158	1
cg00700241	0.0742343	0.460904	-2.16965	0.910977	1.04451	1.04451	0.641784	1.20012	1.20012	0.316329	0.668058	-1.49688	4.53759	10.8959	2.13444	1
cg00207794	0.771186	1.03932	1.03932	0.00261727	1.73528	1.73528	0.702825	0.950566	-1.052	0.287801	1.15715	1.15715	4.07419	1.12874	0.246264	1
cg12405742	0.148344	0.527555	-1.89554	0.00359106	0.196621	-5.08593	0.199127	0.571426	-1.75001	0.638422	0.822653	-1.21558	3.58112	9.64912	2.39506	1
cg15385623	0.59329	1.05086	1.05086	0.018714	0.76935	-1.2998	0.517106	1.0623	1.0623	0.171651	1.14329	1.14329	3.67041	0.492263	0.119215	1
cg00688963	0.473872	1.32838	1.32838	0.301638	1.5177	1.5177	0.244938	1.60666	1.60666	0.0823588	2.11738	2.11738	4.4457	10.7008	2.13955	1
cg27534671	0.58076	0.918094	-1.08921	0.0051028	0.567259	-1.76286	0.00978712	0.606304	-1.64934	0.354707	0.864278	-1.15703	12.504	4.64772	0.330398	1
cg24582137	0.021895	0.642326	-1.55684	0.0600784	1.40689	1.40689	0.152834	0.781584	-1.27945	0.0853074	0.736257	-1.35822	9.30747	3.81876	0.364702	1
cg17445044	0.651464	1.10148	1.10148	0.00666394	0.473201	-2.11327	0.76812	0.939095	-1.06486	0.778698	0.941879	-1.06171	7.06444	5.05421	0.63595	1
cg26493224	0.398716	0.720762	-1.38742	0.0674544	0.460003	-2.1739	0.307197	0.669909	-1.49274	0.068173	0.461155	-2.16847	4.56128	10.3759	2.02203	1
cg25402685	0.177236	0.808081	-1.2375	0.000146435	0.378786	-2.64001	0.399761	0.87978	-1.13665	0.728604	1.05312	1.05312	6.44284	2.25288	0.310819	1
cg25852722	0.0412366	0.489304	-2.04372	0.150412	1.59665	1.59665	0.0441353	2.01771	2.01771	0.583206	1.18318	1.18318	8.90148	12.99	1.29717	1
cg19049152	0.301104	0.710743	-1.40698	0.00291087	0.271485	-3.68344	0.12178	1.70664	1.70664	0.098946	0.56186	-1.7798	5.92503	9.5301	1.42973	1
cg11547828	0.0204684	0.627508	-1.5936	0.0116095	0.59069	-1.69294	0.0541651	1.44002	1.44002	0.207262	1.24846	1.24846	5.25158	2.31577	0.391969	1
cg24678163	0.105499	1.99606	1.99606	0.00335499	4.75769	4.75769	0.0169458	3.12125	3.12125	0.110661	1.97258	1.97258	4.14654	10.0308	2.15029	1
cg00741351	0.7464	0.919132	-1.08798	0.461841	0.823111	-1.2149	0.315322	0.763516	-1.30973	0.583218	1.15489	1.15489	4.05429	4.33659	0.950782	1
cg16201899	0.413208	0.854665	-1.17005	0.00984129	0.541998	-1.84502	0.237851	1.26127	1.26127	0.114028	0.724157	-1.38092	3.56517	1.98995	0.496147	1
cg03441710	5.63E-05	0.13025	-7.67756	0.0123741	0.428213	-2.33529	7.19E-06	0.0672653	-14.8665	9.95E-05	0.152458	-6.55917	34.4071	40.4272	1.04441	1
cg22694813	0.000224375	0.31514	-3.17319	0.00467008	0.492895	-2.02883	0.0454432	0.649503	-1.53964	3.60E-05	0.223646	-4.47135	29.1443	16.3293	0.498037	1
cg27449507	0.0144376	1.448	1.448	0.000769396	1.86899	1.86899	0.00357986	1.62333	1.62333	0.72476	1.04437	1.04437	27.2232	6.50106	0.212272	1
cg13594465	0.000134244	0.313882	-3.18591	0.00921733	0.560489	-1.78416	0.00998545	0.565656	-1.76786	0.000350771	0.3656	-2.73523	19.7978	9.61854	0.431857	1
cg02034168	0.334978	1.06168	1.06168	5.57E-06	2.0292	2.0292	0.000385717	1.44345	1.44345	0.085698	1.12254	1.12254	23.4055	1.3026	0.043286	1
cg07016095	0.00251342	0.581739	-1.71898	0.0146903	1.47366	1.47366	0.299132	0.870295	-1.14904	0.373451	0.888742	-1.12519	15.2042	4.01308	0.234618	1
cg14283939	0.633409	0.866072	-1.15464	0.0525837	1.9338	1.9338	0.827012	0.936603	-1.06769	0.598477	0.852979	-1.17236	13.4167	19.0291	1.26072	1
cg19634315	?	?	?	0.00137043	0.14056	-7.11438	0.01248	0.3114	-3.21131	0.0383544	0.425454	-2.35043	27.4455	22.9371	0.835731	1
cg01083652	0.00744897	1.70891	1.70891	0.000852114	2.17998	2.17998	0.228057	1.21742	1.21742	0.843437	0.969721	-1.03122	8.52379	3.26399	0.340379	1
cg27235366	0.000743497	1.82362	1.82362	0.00403801	1.5732	1.5732	0.36567	1.11523	1.11523	0.192463	0.850555	-1.1757	8.51726	1.85724	0.193828	1
cg26817145	0.253931	0.739849	-1.35163	0.518343	0.847376	-1.18011	0.550168	1.1652	1.1652	0.542142	1.1689	1.1689	8.3328	8.44154	0.900488	1
cg19617897	0.125613	0.659196	-1.517	0.6305	1.12959	1.12959	0.0107763	2.23763	2.23763	0.899196	1.03238	1.03238	7.9168	7.92594	0.889916	1
cg09274392	0.0881467	0.644307	-1.55205	0.174198	1.40169	1.40169	0.513468	1.16743	1.16743	0.0375136	0.569037	-1.75735	7.11954	6.15321	0.76824	1
cg09830575	0.0192952	0.434148	-2.30336	0.00531222	0.338578	-2.95353	0.0979235	0.585506	-1.70793	0.01025	0.38517	-2.59626	6.90017	9.49916	1.22369	1
cg13486833	0.632575	0.850062	-1.17638	0.00108039	5.09157	5.09157	0.0158989	2.70714	2.70714	0.150541	1.68145	1.68145	6.22412	11.2114	1.60113	1
cg21759907	0.0471407	0.618937	-1.61567	0.954484	1.01213	1.01213	0.872617	1.03447	1.03447	0.381796	0.827424	-1.20857	6.02659	4.2572	0.627914	1
cg02116757	0.0033068	0.497267	-2.01099	0.223041	1.25051	1.25051	0.471597	0.879977	-1.13639	0.0272522	0.633677	-1.57809	5.97658	2.88579	0.4292	1
cg11962971	0.703069	1.07057	1.07057	0.315961	1.20275	1.20275	0.0764473	0.704028	-1.4204	0.040356	0.655949	-1.52451	5.91337	2.96936	0.446349	1
cg17859502	0.688149	1.146	1.146	0.180285	0.618419	-1.61703	0.651227	0.857521	-1.16615	0.108424	0.553501	-1.80668	5.89377	10.6491	1.60609	1
cg12354961	0.829119	1.03697	1.03697	0.0333384	1.5184	1.5184	0.516733	1.11673	1.11673	0.256691	0.819702	-1.21996	5.28355	2.36001	0.397041	1
cg22735650	0.396811	1.10947	1.10947	0.28817	1.14114	1.14114	0.182075	0.844024	-1.1848	0.143625	0.828501	-1.207	5.01588	1.13877	0.201807	1
cg05739476	0.0160016	0.418553	-2.38918	0.25252	0.702575	-1.42334	0.00884841	2.67564	2.67564	0.0736015	0.554833	-1.80234	4.82958	6.6721	1.228	1
cg17311074	0.67978	0.836963	-1.1948	0.000837071	8.62916	8.62916	0.08962	2.23095	2.23095	0.208632	1.76538	1.76538	4.71418	13.728	2.58851	1
cg00125893	0.998081	1.00085	1.00085	0.28762	1.47613	1.47613	0.444563	0.759644	-1.31641	0.0800223	0.504041	-1.98397	4.51025	8.88706	1.75148	1
cg04631994	0.611003	0.876684	-1.14066	0.57436	1.15673	1.15673	0.201607	0.707529	-1.41337	0.315542	0.766245	-1.30507	4.37234	4.55834	0.926702	1
cg23858537	0.915304	0.948972	-1.05377	0.01052	0.204969	-4.87878	0.735613	0.846318	-1.18159	0.0129149	0.218822	-4.56992	4.35009	16.7002	3.41249	1
cg21573135	0.320133	1.2878	1.2878	0.256039	0.746832	-1.33899	0.371053	1.25375	1.25375	0.0995443	1.55966	1.55966	4.05026	3.88859	0.853408	1
cg03832737	0.441834	0.681997	-1.46628	0.0447751	0.32491	-3.07777	0.0822339	0.390795	-2.55889	0.00701224	0.18242	-5.48184	4.00494	15.1067	3.35291	1
cg21410276	0.235684	0.680955	-1.46853	0.00672719	2.96412	2.96412	0.0394691	2.08863	2.08863	0.146146	1.61994	1.61994	3.78277	5.72786	1.34595	1
cg26964544	?	?	?	0.27068	1.52166	1.52166	0.333246	1.43775	1.43775	0.678588	1.16075	1.16075	5.56399	9.13159	1.02575	1
cg05310046	0.40781	0.827674	-1.20821	0.028506	1.78136	1.78136	0.0752238	0.64242	-1.55661	0.873836	0.965126	-1.03613	3.45389	2.7296	0.702485	1
cg12399197	0.53231	0.731068	-1.36786	0.00495816	0.158431	-6.31189	0.182854	0.496582	-2.01377	0.126931	0.441516	-2.26493	3.4343	13.3397	3.45268	1
cg24453600	0.0791529	2.50188	2.50188	0.154651	2.04773	2.04773	0.671049	1.22262	1.22262	0.859257	1.08709	1.08709	3.42695	12.014	3.11622	1
cg26616283	0.013445	0.73695	-1.35695	5.15E-05	0.469667	-2.12917	0.00591523	0.698298	-1.43205	0.463253	0.928239	-1.07731	16.0993	2.53641	0.140042	1
cg03914237	0.251703	1.28435	1.28435	0.0249847	1.74616	1.74616	0.44078	0.848496	-1.17856	0.30816	0.802164	-1.24663	4.40645	3.04802	0.614861	1
cg24676244	0.452537	1.19193	1.19193	0.156477	0.706275	-1.41588	0.140417	0.694993	-1.43886	0.0670481	1.6015	1.6015	4.12168	3.43592	0.740997	1
cg07016094	0.0602616	0.613678	-1.62952	0.00777699	2.19784	2.19784	0.0403119	1.72603	1.72603	0.143794	1.43605	1.43605	4.01061	3.37244	0.74745	1
cg23580662	0.0367414	1.39305	1.39305	0.029748	1.41832	1.41832	0.13928	1.24282	1.24282	0.711555	0.950525	-1.05205	3.99195	1.18002	0.262755	1
cg22383292	0.34286	0.756463	-1.32194	0.712284	0.89961	-1.11159	0.0539536	1.86797	1.86797	0.217464	0.690335	-1.44857	3.50833	4.53245	1.14837	1
cg26748945	0.0580619	0.708175	-1.41208	0.030035	1.50845	1.50845	0.00600281	1.78313	1.78313	0.0799592	1.36745	1.36745	6.13283	2.52015	0.365269	1
cg11746464	0.0140821	0.644751	-1.55099	8.33E-07	0.14874	-6.72315	3.60E-05	0.315626	-3.1683	4.11E-05	0.322219	-3.10348	57.5245	19.1066	0.295242	1
cg21495956	0.0145501	0.582954	-1.7154	0.979513	1.00461	1.00461	4.87E-05	0.254295	-3.93244	2.42E-05	0.221232	-4.52015	45.8243	23.3326	0.4526	1
cg08084967	0.0178572	0.589611	-1.69603	0.0477333	1.51497	1.51497	1.66E-05	0.196979	-5.07668	0.000118222	0.290451	-3.44293	41.4822	22.1199	0.473989	1
cg14255655	0.016361	0.483921	-2.06645	0.060019	1.68999	1.68999	0.000116054	0.188091	-5.31659	8.86E-05	0.17614	-5.6773	28.5458	27.6542	0.861125	1
cg21604726	0.191845	1.18154	1.18154	0.000240655	0.480155	-2.08266	0.0327762	0.739669	-1.35196	0.000108642	0.438933	-2.27825	27.3319	6.31031	0.205224	1
cg07412043	0.0232427	0.459041	-2.17845	0.825992	1.06524	1.06524	0.000370925	0.194911	-5.13055	0.0441469	0.514931	-1.94201	15.88	20.7207	1.15985	1
cg06848148	0.000415785	0.12906	-7.74834	0.00935576	0.299669	-3.33702	0.00831148	0.291258	-3.43338	0.0119854	0.317869	-3.14595	12.8417	27.192	1.8822	1
cg05853130	0.00160949	0.259603	-3.85204	0.0159959	0.415065	-2.40926	0.0237822	0.447311	-2.23558	0.0732494	0.551235	-1.81411	10.8654	15.2981	1.25152	1
cg00743354	0.976556	0.994146	-1.00589	0.18297	1.32624	1.32624	0.0293114	0.59871	-1.67026	0.00275916	0.438177	-2.28218	8.93487	5.64975	0.562067	1
cg08231096	0.0070429	0.0964621	-10.3668	0.00437075	0.0776369	-12.8805	0.139682	0.344045	-2.9066	0.0810691	0.27294	-3.6638	5.06777	36.174	6.34493	1
cg23554286	0.332899	0.557366	-1.79415	0.829139	1.13482	1.13482	0.0262125	0.213674	-4.68003	0.148127	0.403377	-2.47907	4.90517	26.6053	4.82127	1
cg20602628	0.270191	0.798081	-1.25301	0.9241	0.981454	-1.0189	0.961057	1.00964	1.00964	0.00692819	0.503344	-1.98671	3.64976	2.23079	0.543303	1
cg19463228	0.139533	1.23932	1.23932	0.348594	0.877904	-1.13908	0.00531647	1.64151	1.64151	0.431006	1.11456	1.11456	10.8439	3.12736	0.256354	1
cg18862641	0.39275	1.24245	1.24245	0.0010624	0.30123	-3.31973	0.277461	0.755744	-1.3232	0.217502	0.724922	-1.37946	4.46701	4.34958	0.865522	1
cg04149335	0.748163	0.928473	-1.07704	0.0145385	0.499818	-2.00073	0.665092	1.10555	1.10555	0.0740791	1.58185	1.58185	4.11638	3.46037	0.747229	1
cg02124354	0.468561	0.883068	-1.13242	0.00378382	0.517487	-1.93242	0.227724	0.807744	-1.23802	0.0573295	0.695897	-1.437	5.40243	2.43282	0.400283	1
cg18333152	0.000122186	0.0954007	-10.4821	0.471366	1.29268	1.29268	0.0085175	0.30839	-3.24265	0.193581	0.617548	-1.61931	6.90362	13.4233	1.72834	1
cg06752558	0.521078	0.903245	-1.10712	0.0367543	1.4617	1.4617	0.0568198	0.713723	-1.4011	0.105975	1.31817	1.31817	6.16478	2.38993	0.3446	1
cg26980987	0.0761062	0.758776	-1.31791	0.254	0.846536	-1.18128	0.0123015	0.646585	-1.54659	0.00359533	0.576136	-1.7357	11.6982	3.62434	0.275395	1
cg02515467	0.0566185	0.431233	-2.31893	0.000149606	0.0789645	-12.6639	0.082318	0.472275	-2.11741	0.0166503	0.319951	-3.12548	8.65536	20.8274	2.13893	1
cg02210147	0.0271237	0.417188	-2.397	0.444549	0.770678	-1.29756	0.258361	1.48312	1.48312	0.10219	0.550028	-1.81809	8.00019	14.1523	1.57245	1
cg04699460	0.146603	0.557014	-1.79529	0.000516864	0.130752	-7.64804	0.240764	0.630504	-1.58603	0.00672167	0.267138	-3.74339	6.70564	14.9798	1.9857	1
cg05349650	0.38122	1.1714	1.1714	0.000313576	0.357333	-2.79851	0.222508	1.25334	1.25334	0.27941	1.21906	1.21906	5.90927	2.90381	0.436799	1
cg01619692	0.00784742	0.491313	-2.03536	0.147593	0.723496	-1.38218	0.0443345	1.61793	1.61793	0.0754012	0.66209	-1.51037	5.42445	3.72803	0.610901	1
cg16375179	0.939521	0.976252	-1.02433	0.817116	0.929255	-1.07613	0.874417	1.05137	1.05137	0.351232	0.737944	-1.35512	3.63075	5.7691	1.41241	1
cg13254588	0.466533	0.923001	-1.08342	9.55E-05	0.471819	-2.11946	0.735091	1.03741	1.03741	0.0114868	1.40766	1.40766	7.95519	1.47331	0.164623	1
cg05136531	0.55624	1.41784	1.41784	0.35181	0.570006	-1.75437	0.178809	2.31146	2.31146	0.430623	0.623808	-1.60306	3.967	21.6217	4.84479	1
cg09532095	0.266333	0.426504	-2.34464	0.00456132	0.0620804	-16.1082	0.975029	1.0233	1.0233	0.0417718	0.177886	-5.62157	3.44138	29.5049	7.62095	1
cg24817003	0.0529718	0.67328	-1.48527	0.685607	1.07595	1.07595	0.00152442	2.27261	2.27261	0.394391	1.1699	1.1699	16.0463	8.22304	0.455518	1
cg26143413	0.0264347	0.5647	-1.77085	0.000248186	0.268915	-3.71865	0.645823	1.1057	1.1057	0.00500459	0.446456	-2.23986	11.0407	8.24374	0.663706	1
cg15443403	0.0066107	0.378318	-2.64328	0.605487	0.866193	-1.15448	0.077108	0.581662	-1.71921	0.216703	0.698821	-1.43098	4.28574	5.15883	1.06997	1
cg16309460	0.435149	0.744803	-1.34264	0.00655718	0.270718	-3.69388	0.222344	0.622163	-1.6073	0.00862852	0.289615	-3.45285	3.89711	8.45112	1.92761	1
cg16201780	0.446525	1.28003	1.28003	0.0758648	0.533317	-1.87506	0.325618	1.3812	1.3812	0.0274995	0.436232	-2.29236	4.68554	7.51327	1.42534	1
cg17236709	0.964083	0.996379	-1.00363	0.000152699	0.592677	-1.68726	8.43E-06	2.18459	2.18459	0.16625	0.887887	-1.12627	49.2217	5.0584	0.0913491	1
cg16566400	0.591637	1.13559	1.13559	0.00664577	0.437351	-2.2865	0.01856	1.95475	1.95475	0.000907383	0.311879	-3.20637	9.25342	8.07946	0.776118	1
cg12689427	0.00622092	0.0394151	-25.371	0.0280854	10.5046	10.5046	0.213146	3.28267	3.28267	0.0296114	10.1943	10.1943	5.28144	53.4771	11.572	1
cg23585910	0.511218	1.0967	1.0967	0.0187056	1.48405	1.48405	0.00693798	1.62249	1.62249	8.36E-05	2.66628	2.66628	9.5277	2.8959	0.270174	1
cg23718775	0.0579709	1.17285	1.17285	0.00200333	0.722932	-1.38326	0.0794925	0.86519	-1.15582	0.00610243	0.766212	-1.30512	5.92743	0.519559	0.077914	1
cg19966618	0.542784	0.924671	-1.08147	0.750395	0.960239	-1.04141	0.643148	0.942413	-1.06111	0.137185	1.22572	1.22572	4.2068	1.07677	0.22752	1
cg19680388	0.169566	0.787297	-1.27017	0.156014	1.28153	1.28153	0.660947	0.930404	-1.0748	0.0764276	1.38009	1.38009	5.05963	2.14056	0.37606	1
cg24074685	0.703781	0.938137	-1.06594	0.00936218	0.57645	-1.73476	0.013102	0.597872	-1.6726	0.166121	0.781253	-1.27999	6.8148	3.01615	0.393413	1
cg22948335	0.0158433	1.97862	1.97862	0.0425858	0.583267	-1.71448	0.991966	1.00233	1.00233	0.068932	1.6	1.6	4.92464	4.15863	0.750626	1
cg15856091	0.0058749	1.41158	1.41158	0.000732612	0.612178	-1.63351	0.324028	0.907204	-1.10229	0.0572108	1.22839	1.22839	12.9621	1.87687	0.128708	1
cg08876869	0.247626	0.903221	-1.10715	9.84E-05	0.558506	-1.79049	0.562741	0.951918	-1.05051	0.0917935	1.16919	1.16919	8.38422	0.941618	0.0998297	1
ch.10.2563868	0.913433	0.967054	-1.03407	0.10586	0.580327	-1.72317	0.293572	1.39885	1.39885	0.295071	0.715675	-1.39728	6.47971	9.73993	1.33613	1
cg26164773	0.334731	0.817442	-1.22333	0.00510378	0.472448	-2.11663	0.0391793	0.616581	-1.62185	0.193378	0.756634	-1.32164	6.45894	4.19983	0.577987	1
cg06485447	0.738411	1.08677	1.08677	0.225465	1.37169	1.37169	0.00357209	0.37534	-2.66425	0.0705557	0.605478	-1.65159	4.8477	4.73235	0.867738	1
cg03613717	0.969505	0.996691	-1.00332	0.710259	1.03288	1.03288	0.653483	1.03996	1.03996	0.322459	1.09266	1.09266	3.92911	0.467795	0.10583	1
cg17949162	0.215685	0.746709	-1.33921	0.0238016	0.546245	-1.83068	0.45705	0.843861	-1.18503	0.583431	0.883261	-1.13217	3.60738	2.87049	0.707314	1
cg15734422	0.251264	0.8108	-1.23335	0.00139119	0.444597	-2.24923	0.503311	1.12619	1.12619	0.835199	1.03712	1.03712	3.52151	1.7075	0.431001	1
cg19517912	0.0150096	0.736742	-1.35733	0.0201905	1.33144	1.33144	0.845304	1.02016	1.02016	0.386363	1.09498	1.09498	10.2501	1.69515	0.147003	1
cg00615473	0.960376	1.01041	1.01041	6.95E-05	0.219923	-4.54705	0.444517	1.17641	1.17641	0.0217608	1.77546	1.77546	8.29342	5.70663	0.611637	1
cg25046584	0.0838969	1.22966	1.22966	0.0455596	0.780499	-1.28123	0.0033382	1.53996	1.53996	0.065245	1.2507	1.2507	7.72143	1.42868	0.164469	1
cg12258307	0.712711	0.917965	-1.08937	0.00174301	2.98833	2.98833	0.010959	0.464915	-2.15093	0.0234726	0.525216	-1.90398	7.40103	6.13822	0.645068	1
cg16711792	0.00208225	2.22225	2.22225	0.00545912	0.509887	-1.96122	0.42804	0.861465	-1.16081	0.179194	1.30078	1.30078	6.10681	3.28499	0.478154	1
cg13486354	0.946963	1.01321	1.01321	0.00785883	1.95972	1.95972	0.326967	1.22095	1.22095	0.0763023	0.677717	-1.47554	5.9501	3.66711	0.547833	1
cg23537820	0.527529	0.835639	-1.19669	0.0103693	2.47347	2.47347	0.22204	1.43333	1.43333	0.510604	1.20586	1.20586	4.82716	6.01556	1.10772	1
cg24512134	0.508338	0.853889	-1.17111	0.00210883	2.76698	2.76698	0.742743	1.08062	1.08062	0.141408	1.45101	1.45101	4.40441	3.86532	0.780091	1
cg20254364	0.00795013	0.498882	-2.00448	0.0620881	1.53609	1.53609	0.11058	0.700964	-1.42661	0.865553	1.03523	1.03523	4.17556	2.76149	0.587862	1
cg15853125	0.456919	1.23928	1.23928	0.0273551	0.477494	-2.09427	0.0717302	0.565893	-1.76712	0.134888	0.63355	-1.57841	4.14448	5.26323	1.12883	1
cg26648185	0.46424	0.755606	-1.32344	0.0198304	0.347095	-2.88105	0.272807	0.650913	-1.5363	0.623355	0.830096	-1.20468	3.69722	8.28724	1.99242	1
cg02071988	0.0991685	0.547582	-1.82621	1.80E-05	0.054109	-18.4812	0.00921446	0.332416	-3.00828	0.000277047	0.137696	-7.26237	22.4884	39.5354	1.5627	1
cg18819620	0.117252	0.809034	-1.23604	0.00127765	1.79507	1.79507	0.701291	1.04917	1.04917	0.16028	0.829581	-1.20543	12.5708	3.08838	0.218381	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23919678	TIAM2	0.00465286	0.113481	0.862997	-1.15875	0.651976	0.961902	-1.03961	0.0250502	0.796084	-1.25615	0.90189	0.989505	-1.01061	0.0926464	1.17153	1.17153	0.000247847	1.67798	1.67798	0.0193095	1.27389	1.27389	0.593523	0.954956	-1.04717	0.970974	1.00312	1.00312	7.50123	0.869543	0.10304	1
cg01075002	TIAM2	0.00599946	0.0589701	0.624326	-1.60173	0.418775	0.833182	-1.20022	0.998754	1.00035	1.00035	0.88742	0.969194	-1.03179	0.000396616	0.287708	-3.47574	0.0534434	1.62351	1.62351	0.225619	1.32459	1.32459	0.104305	1.48031	1.48031	0.0171472	0.526402	-1.89969	6.93935	5.3629	0.686955	1
cg24207161	TIAM2	0.00937959	0.274156	0.632907	-1.58001	0.0971421	0.480998	-2.07901	0.0115914	0.28118	-3.55644	0.00484381	0.222685	-4.49064	0.590778	0.803953	-1.24385	0.434113	0.725537	-1.37829	0.00126025	0.15069	-6.63616	0.04662	2.49919	2.49919	0.450037	0.733875	-1.36263	6.03265	15.4403	2.27507	1
cg09379340	TIAM2	0.0112831	0.0103639	0.323988	-3.08653	0.151956	1.70872	1.70872	0.633656	1.18246	1.18246	0.0233235	0.38825	-2.57566	0.00272872	0.235934	-4.23847	0.945102	1.02433	1.02433	0.0179553	0.366497	-2.72853	0.219288	1.56977	1.56977	0.115879	0.550721	-1.8158	5.68573	10.9716	1.71527	1
cg05419581	TIAM2	0.0140597	0.0291883	0.423368	-2.36201	0.0210089	0.395134	-2.53079	0.00192307	0.230242	-4.34325	0.0418883	0.456446	-2.19084	0.384541	0.742163	-1.34741	0.317278	0.707687	-1.41305	0.00191366	0.229965	-4.3485	0.943719	0.976663	-1.02389	0.198476	0.634761	-1.5754	5.29247	9.37603	1.57474	1
cg09837169	TIAM2	0.0151293	0.507946	0.781489	-1.27961	0.655425	1.17925	1.17925	0.0719963	2.09015	2.09015	0.955134	0.979558	-1.02087	0.000274471	0.112187	-8.91367	0.7677	0.896967	-1.11487	0.578663	0.813891	-1.22867	0.979233	1.0096	1.0096	0.449721	0.753708	-1.32677	5.16601	11.0254	1.89708	1
cg06305026	TIAM2	0.0170961	0.187582	0.637246	-1.56925	0.183392	0.634174	-1.57685	0.189522	0.638653	-1.5658	0.299619	0.706923	-1.41458	0.0326138	0.446268	-2.24081	0.0902832	0.547559	-1.82629	0.000362771	0.158141	-6.32348	0.893581	0.957735	-1.04413	0.0324029	0.445686	-2.24373	4.96012	8.17788	1.46554	1
cg19720179	TIAM2	0.0342783	0.894829	0.983878	-1.01639	0.00122631	1.78802	1.78802	0.724509	0.957446	-1.04445	0.0312308	1.36429	1.36429	0.0951766	1.25273	1.25273	0.0505022	1.31509	1.31509	0.240341	1.16308	1.16308	0.430271	1.104	1.104	0.505771	1.08652	1.08652	3.89636	0.931955	0.21261	1
cg18132964	TIAM2;TIAM2	0.00884843	0.0118988	0.189431	-5.27896	0.000946729	0.0733644	-13.6306	0.0406972	0.285842	-3.49843	0.203928	0.491342	-2.03524	0.0151272	0.20558	-4.86428	0.0574285	0.32015	-3.12353	0.0070726	0.158069	-6.32634	0.00605967	0.149624	-6.6834	0.0557658	0.317068	-3.1539	6.14539	27.3386	3.95435	1
cg11920576	TIAM2;TIAM2	0.0130479	0.102545	0.781381	-1.27978	0.550725	0.920018	-1.08694	0.00574913	1.64848	1.64848	0.714207	1.0521	1.0521	0.0212248	1.46592	1.46592	0.00322172	1.74203	1.74203	0.0260843	1.43992	1.43992	0.101213	1.28125	1.28125	0.698558	1.05521	1.05521	5.42363	1.63795	0.268447	1
cg10000096	TIAM2;TIAM2	0.013321	0.713743	1.0958	1.0958	0.865132	1.04312	1.04312	0.176209	0.699725	-1.42913	0.0394039	0.553367	-1.80712	0.00106576	0.300882	-3.32357	0.265985	0.749896	-1.33352	0.00280489	0.359688	-2.78019	0.84684	1.04919	1.04919	0.601949	1.1396	1.1396	5.38702	5.26084	0.86807	1
cg04228709	TIAM2;TIAM2	0.0285591	0.132609	0.654644	-1.52755	0.808178	0.938473	-1.06556	0.978863	1.00694	1.00694	0.356328	0.780604	-1.28106	0.187198	0.694222	-1.44046	0.101283	0.625976	-1.5975	0.00116512	0.288005	-3.47216	0.0141483	0.453645	-2.20437	0.493477	1.19909	1.19909	4.15869	4.48927	0.959549	1
cg02752037	TICAM1	0.0109298	0.0220873	0.328816	-3.04121	0.000725039	0.124535	-8.02986	0.0120124	0.280942	-3.55946	0.269801	0.627719	-1.59307	0.00799287	0.252193	-3.96522	0.0757301	0.448854	-2.2279	0.0159335	0.302368	-3.30722	0.0947551	0.475147	-2.10461	0.0770537	0.450827	-2.21815	5.74436	14.9399	2.31181	1
cg22770755	TICAM1;TICAM1	0.000926441	0.153407	0.922766	-1.0837	0.9703	1.00196	1.00196	0.129367	1.08998	1.08998	0.00275267	1.24263	1.24263	0.0149512	1.17039	1.17039	0.114938	0.913809	-1.09432	0.00145791	0.785264	-1.27346	0.00257375	0.802713	-1.24577	0.00201544	1.25745	1.25745	12.0239	0.526518	0.0389238	1
cg06913744	TIE1	2.74E-05	3.58E-05	0.298986	-3.34463	0.00019773	0.387705	-2.57928	2.54E-05	0.282066	-3.54527	1.49E-05	0.256299	-3.9017	1.78E-05	0.264898	-3.77504	0.195152	1.23071	1.23071	0.000650608	0.452913	-2.20793	0.0158116	0.63896	-1.56504	0.0219938	0.65953	-1.51623	31.1795	11.3339	0.323116	1
cg12739119	TIE1	0.000340662	0.676481	1.0606	1.0606	1.90E-05	0.295552	-3.3835	0.0154967	0.659486	-1.51633	0.0640345	1.33883	1.33883	0.807798	0.966408	-1.03476	0.0218411	1.47077	1.47077	0.00126554	1.93394	1.93394	0.164806	0.812406	-1.23091	0.304282	0.861436	-1.16085	15.8868	4.94535	0.276699	1
cg11731606	TIE1	0.00164758	0.297867	0.740309	-1.35079	0.00255681	0.311666	-3.20856	0.754664	0.91636	-1.09127	0.525701	0.835964	-1.19622	6.86E-05	0.131559	-7.60115	0.486556	1.21773	1.21773	0.00151405	0.279979	-3.5717	0.550409	1.18334	1.18334	0.168994	0.664764	-1.50429	10.1997	12.5415	1.09297	1
cg11582369	TIE1	0.0123953	0.048982	0.432665	-2.31126	0.953071	0.978304	-1.02218	0.00493178	0.249581	-4.00672	0.0603049	0.454006	-2.20261	0.000905777	0.157233	-6.36	0.015204	0.329143	-3.03819	0.260579	0.645751	-1.54858	0.265954	0.649188	-1.54039	0.0262136	0.374226	-2.67219	5.51511	12.1336	1.95562	1
cg26195652	TIE1	0.0150122	0.016885	0.434081	-2.30372	0.614861	1.15633	1.15633	0.0126799	0.411875	-2.42792	0.383455	1.2916	1.2916	0.00171897	0.277761	-3.60022	0.0903209	0.586027	-1.70641	0.706831	1.11425	1.11425	0.0608425	0.546061	-1.8313	0.0666485	0.555	-1.8018	5.1793	6.7244	1.15406	1
cg12517577	TIE1	0.0268891	0.0640684	0.481391	-2.07731	0.00115549	0.186887	-5.35083	0.0166809	0.358195	-2.79178	0.084	0.510847	-1.95753	0.0405634	0.435688	-2.29522	0.554311	0.81048	-1.23384	0.239665	0.648853	-1.54118	0.0769916	0.501158	-1.99538	0.698159	0.872052	-1.14672	4.24779	8.30298	1.73747	1
cg17227144	TIFA	1.76E-05	1.61E-06	0.192344	-5.19902	0.000399467	0.463324	-2.15832	3.98E-05	0.34216	-2.92261	0.000546202	0.480221	-2.08237	3.26E-06	0.222447	-4.49545	0.0983059	0.780672	-1.28095	0.0283669	0.702307	-1.42388	0.02848	0.702545	-1.4234	0.00275137	0.568812	-1.75805	35.022	10.3439	0.262537	1
cg12643406	TIFA	0.00299863	0.0610775	0.652626	-1.53227	0.114731	0.706946	-1.41453	0.000143017	0.265687	-3.76383	0.451843	0.856438	-1.16763	0.000355536	0.313743	-3.18732	0.231602	0.775945	-1.28875	0.0556014	0.644969	-1.55046	0.221547	0.771219	-1.29665	0.721616	0.930221	-1.07501	8.55931	5.54129	0.575465	1
cg20656602	TIFA	0.00775837	0.909311	0.980937	-1.01943	0.344116	0.848229	-1.17893	0.825584	0.963408	-1.03798	0.210059	1.24996	1.24996	0.407571	1.15383	1.15383	0.100429	0.737881	-1.35523	0.183572	1.2691	1.2691	0.00250834	2.03205	2.03205	0.00121667	0.449452	-2.22493	6.4056	2.89435	0.401642	1
cg13531259	TIFA	0.0109024	0.582875	1.20867	1.20867	0.343823	0.716615	-1.39545	0.482803	0.7837	-1.276	0.371727	1.36805	1.36805	0.00317171	0.252265	-3.96408	0.757739	1.11151	1.11151	0.0004676	0.152654	-6.55075	0.770677	0.90495	-1.10503	0.471573	0.778617	-1.28433	5.74899	10.6314	1.64379	1
cg13741740	TIFA	0.0138769	0.0208857	0.458306	-2.18195	0.38355	1.28502	1.28502	0.822802	1.06497	1.06497	0.103712	1.64769	1.64769	0.19523	1.46887	1.46887	0.004451	0.344762	-2.90055	0.00934362	0.396451	-2.52238	0.41925	1.26065	1.26065	0.232099	1.42151	1.42151	5.31529	6.6308	1.10888	1
cg13691824	TIFAB	2.64E-05	0.0882464	0.753535	-1.32708	0.00832949	0.602117	-1.66081	4.73E-06	0.206785	-4.83594	1.12E-05	0.245435	-4.0744	0.0501717	0.71468	-1.39923	1.18E-05	0.24795	-4.03307	7.53E-05	0.339333	-2.94696	0.287654	0.846978	-1.18067	0.333287	0.86059	-1.16199	31.511	11.2947	0.31861	1
cg19949797	TIFAB	3.01E-05	0.0530519	0.655751	-1.52497	2.28E-05	0.196413	-5.09132	5.78E-06	0.141063	-7.08904	0.000532345	0.355177	-2.8155	0.000154222	0.288009	-3.47211	0.862293	1.03389	1.03389	0.140729	1.35548	1.35548	0.285013	0.80802	-1.23759	3.17E-05	0.210993	-4.7395	30.4338	17.7606	0.518738	1
cg26353903	TIFAB	0.000502802	0.075715	0.692206	-1.44466	0.0227658	0.602174	-1.66065	5.89E-05	0.250621	-3.99009	0.00026167	0.327323	-3.05509	0.00425533	0.490742	-2.03773	0.0153475	0.574814	-1.73969	0.000479382	0.360705	-2.77235	0.201289	1.28548	1.28548	0.0474055	0.65569	-1.52511	14.2684	7.82509	0.487486	1
cg03541914	TIFAB	0.00112293	0.291292	0.8414	-1.1885	0.56332	0.911977	-1.09652	1.42E-05	0.240269	-4.162	0.265495	0.832776	-1.2008	0.532918	1.10473	1.10473	0.10445	0.755867	-1.32298	0.127844	1.29643	1.29643	0.0296117	0.66774	-1.49759	0.134725	0.775455	-1.28957	11.3852	4.48429	0.350106	1
cg16176675	TIFAB	0.00535861	0.206722	1.20637	1.20637	0.0272556	0.692043	-1.445	0.000377623	0.449115	-2.2266	0.669619	1.06234	1.06234	0.0771756	1.31896	1.31896	0.281052	0.853977	-1.17099	0.0747946	1.3226	1.3226	0.338487	0.870221	-1.14913	0.0302709	0.698467	-1.43171	7.18473	2.25868	0.279442	1
cg16339915	TIFAB	0.0104856	0.940669	1.01053	1.01053	0.00428341	0.584076	-1.71211	0.000450432	0.459071	-2.17831	0.650801	1.06623	1.06623	0.727934	1.05038	1.05038	0.238566	1.18973	1.18973	0.739101	1.04816	1.04816	0.9168	0.985401	-1.01481	0.632866	0.934511	-1.07008	5.82149	1.82616	0.278838	1
cg09875213	TIFAB	0.0244657	0.899652	1.03342	1.03342	0.941491	1.01931	1.01931	0.000752565	0.263992	-3.78799	0.892102	0.965251	-1.036	0.475224	1.2083	1.2083	0.682477	1.11314	1.11314	0.0323618	1.92114	1.92114	0.679951	1.11416	1.11416	0.643585	0.885662	-1.1291	4.39006	4.72162	0.956024	1
cg25512566	TIFAB	0.032745	0.541365	1.46453	1.46453	0.840045	0.882753	-1.13282	0.00677168	0.114654	-8.72189	0.041906	0.235293	-4.25002	0.164091	0.400023	-2.49985	0.811806	0.863128	-1.15858	0.00844464	0.125511	-7.96743	0.111352	0.342931	-2.91604	0.0195887	0.175429	-5.7003	3.96107	23.8899	5.36104	1
cg03510194	TIFAB;TIFAB	0.00509227	0.110667	0.554092	-1.80475	0.0660701	0.496407	-2.01448	0.000354063	0.142459	-7.01958	0.00791064	0.314421	-3.18045	0.0836	0.521807	-1.91642	0.181663	0.617796	-1.61866	0.000759236	0.176647	-5.661	0.0983734	0.54025	-1.851	0.0739186	0.508345	-1.96717	7.29772	13.3354	1.6243	1
cg22979041	TIFAB;TIFAB	0.0173212	0.626711	1.16995	1.16995	0.345732	1.36476	1.36476	0.000413395	0.166165	-6.01811	0.825502	0.93173	-1.07327	0.888248	0.955972	-1.04606	0.179162	0.633196	-1.57929	0.495761	1.24794	1.24794	0.937769	1.02532	1.02532	0.0414183	0.470857	-2.12378	4.93844	8.02104	1.44374	1
cg08940762	TIGD1;EIF4E2	0.00517441	0.235294	1.15436	1.15436	0.127153	0.826647	-1.20971	0.000471348	0.530467	-1.88513	0.284013	1.13705	1.13705	0.214908	1.1626	1.1626	0.511653	1.07984	1.07984	0.110672	0.81825	-1.22212	0.00447969	1.54861	1.54861	0.749879	0.963763	-1.0376	7.2621	1.5317	0.187481	1
cg07584031	TIGD1;EIF4E2	0.00979362	0.00505565	0.0940321	-10.6347	0.00575424	0.099453	-10.055	0.142834	0.36627	-2.73023	0.960902	0.969221	-1.03176	0.00303262	0.0749702	-13.3386	0.0538739	0.247629	-4.0383	0.0969642	0.312919	-3.19572	0.00475343	0.091539	-10.9243	0.0172246	0.157123	-6.36445	5.95014	38.3265	5.72558	1
cg07094533	TIGD1;EIF4E2	0.0196332	0.818405	0.922199	-1.08436	0.05413	0.456088	-2.19256	0.00353627	0.231472	-4.32018	0.391766	0.733388	-1.36353	0.115968	0.543691	-1.83928	0.151482	0.578727	-1.72793	0.0470047	0.441462	-2.2652	0.00324347	0.225974	-4.4253	0.160248	1.70513	1.70513	5.27713	10.1429	1.49492	1
cg17896879	TIGD1;TIGD1;EIF4E2	5.75E-05	0.0127467	0.689585	-1.45015	4.33E-05	0.393622	-2.54051	0.000247158	0.483415	-2.06862	0.00260144	1.65037	1.65037	0.0237363	0.723111	-1.38291	0.756046	0.963265	-1.03814	5.92E-06	0.294842	-3.39165	0.234864	0.861108	-1.16129	0.997535	1.00037	1.00037	25.6594	5.86138	0.203049	1
cg19947233	TIGD2	0.00566517	0.189158	1.18732	1.18732	0.818795	0.972072	-1.02873	0.0367451	1.34919	1.34919	0.966692	0.994859	-1.00517	0.0216884	0.711619	-1.40525	0.0410838	0.747561	-1.33768	0.000302613	0.484335	-2.06469	0.429513	1.10467	1.10467	0.433865	0.906132	-1.10359	7.06304	1.70435	0.214494	1
cg17658546	TIGD2	0.0210995	0.279662	1.12128	1.12128	0.00302443	1.51276	1.51276	0.0407526	1.27198	1.27198	0.508791	1.07065	1.07065	0.0517798	1.25286	1.25286	0.851662	1.01925	1.01925	0.0249636	0.762074	-1.31221	0.603886	0.948088	-1.05475	0.0746918	1.22411	1.22411	4.61956	0.758938	0.146034	1
cg19518963	TIGD2	0.0464877	0.535897	1.09087	1.09087	0.0294525	0.700621	-1.4273	0.525482	1.09337	1.09337	0.680961	0.944254	-1.05904	0.213592	0.833843	-1.19927	0.105219	0.782227	-1.2784	0.00252938	0.559001	-1.78891	0.557748	0.921038	-1.08573	0.0926171	0.773543	-1.29275	3.48275	1.06185	0.271012	1
cg23935420	TIGD3	0.00169463	0.00863249	2.94604	2.94604	0.000744211	5.21703	5.21703	0.00405483	3.47314	3.47314	0.0102636	2.84018	2.84018	0.987181	1.0052	1.0052	0.00700168	3.08097	3.08097	0.000800077	5.12062	5.12062	0.00107323	4.75344	4.75344	0.00929858	2.89997	2.89997	10.117	16.6816	1.46565	1
cg23319460	TIGD3	0.00411023	0.00851657	7.079	7.079	0.000347001	28.6251	28.6251	0.0226852	4.90441	4.90441	0.0675411	3.29989	3.29989	0.0710417	3.23987	3.23987	0.0332653	4.26521	4.26521	0.00190693	12.9781	12.9781	0.00377634	9.75836	9.75836	0.0585916	3.47444	3.47444	7.78837	41.9127	4.78351	1
cg16555856	TIGD3	0.00463429	0.0407937	4.45212	4.45212	0.000209396	50.5089	50.5089	0.0185928	6.07742	6.07742	0.256044	2.11655	2.11655	0.109369	3.01616	3.01616	0.0413261	4.4295	4.4295	0.00270679	13.7383	13.7383	0.00595708	9.71808	9.71808	0.144787	2.69242	2.69242	7.51036	47.5711	5.63028	1
cg05210497	TIGD3	0.00943703	0.513837	1.18011	1.18011	0.00379491	2.65574	2.65574	0.000849728	3.50508	3.50508	0.00527286	2.50955	2.50955	0.789461	1.06923	1.06923	0.223851	1.37664	1.37664	0.0712843	1.65518	1.65518	0.959814	1.01268	1.01268	0.0279412	1.91488	1.91488	6.02093	5.96637	0.880834	1
cg17244466	TIGD3	0.0424332	?	?	?	0.00410222	0.0212213	-47.1226	0.143001	0.236365	-4.23074	?	?	?	?	?	?	?	?	?	0.659968	1.48588	1.48588	0.891878	0.885683	-1.12907	0.837058	1.20185	1.20185	4.73429	31.5954	8.00847	1
cg26977045	TIGD3	0.0452789	0.00933555	0.657971	-1.51982	0.121608	0.808108	-1.23746	0.663185	1.05721	1.05721	0.436274	1.10609	1.10609	0.124697	1.23494	1.23494	0.0108983	0.666465	-1.50046	0.281544	0.867548	-1.15267	0.99178	1.00131	1.00131	0.770093	1.03791	1.03791	3.51738	0.897887	0.226908	1
cg23780683	TIGD3;TIGD3	5.32E-05	0.00327075	1.34247	1.34247	0.0380825	0.838097	-1.19318	0.00828394	0.780361	-1.28146	2.16E-06	0.425871	-2.34813	0.000482295	0.668852	-1.4951	0.000570357	0.675717	-1.47991	0.00298421	0.741358	-1.34888	0.672893	1.03169	1.03169	0.673523	0.969349	-1.03162	26.1845	2.23815	0.0759787	1
cg07784442	TIGD4	0.000181146	5.39E-05	0.132649	-7.53872	0.149087	0.660289	-1.51449	0.0120717	0.431855	-2.31559	0.00320599	0.339842	-2.94254	1.54E-05	0.0907828	-11.0153	0.00141104	0.289395	-3.45549	0.000291693	0.205083	-4.87607	0.254446	0.726703	-1.37608	0.0114162	0.427688	-2.33815	18.8706	21.5102	1.01323	1
cg03799790	TIGD4	0.0168796	0.00164791	0.379945	-2.63196	0.327053	0.804674	-1.24274	0.0822171	0.661297	-1.51218	0.654693	1.10152	1.10152	0.064755	0.640471	-1.56135	0.0182245	0.540301	-1.85082	0.00487027	0.448558	-2.22936	0.970828	1.00789	1.00789	0.115936	0.69281	-1.4434	4.98131	3.63965	0.649478	1
cg09152853	TIGD6	0.00473546	0.0142856	1.94425	1.94425	0.60118	1.12306	1.12306	0.898437	0.972292	-1.0285	0.000427312	3.41133	3.41133	0.112263	1.46301	1.46301	0.0566699	1.60756	1.60756	0.521744	0.866848	-1.1536	0.000829802	3.02678	3.02678	0.124204	1.44242	1.44242	7.4612	5.72202	0.681692	1
cg00128560	TIGD7	0.000136637	0.959776	0.993446	-1.0066	?	?	?	0.00116958	1.86131	1.86131	0.718868	1.04826	1.04826	0.0218394	1.43161	1.43161	0.468039	1.10106	1.10106	2.76E-05	0.340584	-2.93613	0.00970135	0.652713	-1.53207	0.000261022	0.45712	-2.18761	20.8782	4.99677	0.23933	1
cg27385726	TIGD7;TIGD7	0.0019507	0.241017	1.29272	1.29272	8.30E-05	0.227125	-4.40286	0.0949681	0.681248	-1.46789	0.825799	1.04719	1.04719	0.100017	1.4579	1.4579	0.00299817	0.42679	-2.34307	0.170811	1.35673	1.35673	0.568988	0.886555	-1.12796	0.135983	0.714566	-1.39945	9.71224	6.73085	0.616024	1
cg22577252	TIGIT	1.94E-05	0.127267	0.834322	-1.19858	7.23E-06	0.33697	-2.96763	1.05E-05	0.355252	-2.8149	0.152161	0.844945	-1.18351	7.70E-05	0.45536	-2.19607	6.76E-05	0.448773	-2.2283	0.0369481	0.766338	-1.30491	0.575965	0.939824	-1.06403	8.39E-06	0.344321	-2.90427	34.1489	6.52473	0.169838	1
cg09246203	TIGIT	0.00241238	0.0054685	0.135941	-7.35614	0.812057	0.87801	-1.13894	0.032271	0.254259	-3.93299	0.321519	0.571565	-1.74958	0.000379023	0.0449849	-22.2297	0.0406662	0.275046	-3.63575	0.000472147	0.0497951	-20.0823	0.0892861	0.359388	-2.78251	0.00240266	0.0992916	-10.0713	9.1273	43.1218	4.19954	1
cg17445157	TIMD4;LOC100286948;TIMD4	0.00446441	0.294583	1.35015	1.35015	0.778278	0.925004	-1.08108	0.0508145	0.540917	-1.84871	0.634996	1.14119	1.14119	0.00694756	0.381154	-2.62361	0.87488	1.04448	1.04448	0.737236	0.911196	-1.09746	0.000512741	0.223607	-4.47212	0.00136704	0.277184	-3.60771	7.596	9.17563	1.07374	1
cg03538020	TIMD4;TIMD4	0.000669857	0.0260422	0.58218	-1.71768	0.798905	1.05368	1.05368	0.000647114	0.342425	-2.92035	0.200882	0.758292	-1.31875	0.00455106	0.461159	-2.16845	0.00314684	0.437505	-2.28569	0.000329126	0.304841	-3.2804	0.00479718	0.464584	-2.15246	0.000105396	0.245889	-4.06688	13.1723	8.75155	0.590569	1
cg16415875	TIMD4;TIMD4	0.00669087	0.0155674	0.312113	-3.20396	0.561869	0.794367	-1.25886	0.00434058	0.223996	-4.46437	0.925263	1.03751	1.03751	0.00648714	0.24935	-4.01042	0.800003	1.10478	1.10478	0.0116708	0.290228	-3.44556	0.00174125	0.17336	-5.76835	0.01062	0.283334	-3.5294	6.7088	16.37	2.16896	1
cg03755794	TIMD4;TIMD4	0.00794165	0.00344518	0.359857	-2.77888	0.0926201	1.60987	1.60987	0.481135	0.831736	-1.2023	0.0893926	0.617617	-1.61913	0.505947	0.840593	-1.18964	0.696416	1.10615	1.10615	0.0383974	1.85383	1.85383	0.00498286	0.384297	-2.60215	0.0115955	0.443978	-2.25236	6.35878	6.66675	0.931941	1
cg08333616	TIMD4;TIMD4	0.0105056	0.00335266	0.231029	-4.32846	0.668947	0.853935	-1.17105	0.0825819	0.493731	-2.02539	0.0196513	0.355362	-2.81403	0.00647327	0.272684	-3.66725	0.0214941	0.362821	-2.75618	0.00351371	0.233839	-4.27644	0.0189456	0.352356	-2.83804	0.0245473	0.37412	-2.67294	5.81793	12.4164	1.89703	1
cg18994063	TIMD4;TIMD4	0.0387014	0.0104489	0.151416	-6.60432	0.115315	0.366923	-2.72537	0.175737	0.430369	-2.32359	0.0789153	0.319006	-3.13473	0.00882523	0.141924	-7.04601	0.0408321	0.250941	-3.985	0.0110711	0.154789	-6.46042	0.140323	0.394949	-2.53197	0.0864967	0.32992	-3.03104	3.72808	20.2486	4.82789	1
cg09176901	TIMELESS	0.000907841	0.00065209	0.376106	-2.65882	0.107236	1.38954	1.38954	0.347653	1.19833	1.19833	0.00428962	0.48933	-2.04361	0.0292755	0.61847	-1.61689	0.0696288	0.684082	-1.46181	5.83E-05	0.248197	-4.02907	0.253211	0.799889	-1.25017	0.0552682	0.665937	-1.50164	12.093	6.7053	0.492868	1
cg27163440	TIMELESS	0.00541855	0.000191901	0.23474	-4.26004	0.523905	0.861553	-1.16069	0.225826	1.34104	1.34104	0.613869	0.889246	-1.12455	0.0948201	0.654711	-1.52739	0.659239	1.10781	1.10781	0.968985	0.99107	-1.00901	0.399693	1.22007	1.22007	0.00427481	0.414022	-2.41533	7.16027	6.03635	0.749364	1
cg09107438	TIMELESS	0.0077225	0.572982	0.722391	-1.38429	0.000565013	0.0473215	-21.132	0.0480583	0.275233	-3.63329	0.155695	2.38042	2.38042	0.0200434	0.201481	-4.96326	0.112832	0.373291	-2.67887	0.0231829	0.212313	-4.71004	0.133761	2.51769	2.51769	0.161731	0.426086	-2.34694	6.41493	33.1187	4.58912	1
cg10842095	TIMELESS	0.0156986	0.0102256	0.299655	-3.33717	0.0126694	0.315562	-3.16895	0.00551883	0.257257	-3.88717	0.110051	0.52292	-1.91234	0.0016853	0.188088	-5.31665	0.695018	0.863585	-1.15796	0.225848	0.622873	-1.60546	0.0969105	0.507506	-1.97042	0.283364	0.660415	-1.5142	5.10314	11.1982	1.95055	1
cg22580905	TIMELESS	0.0173564	0.894095	0.979099	-1.02135	0.0151019	1.60565	1.60565	0.0365703	1.47002	1.47002	0.00479614	0.552327	-1.81052	0.073992	1.37135	1.37135	0.958867	1.00821	1.00821	0.0587966	0.712842	-1.40284	0.851481	0.970713	-1.03017	0.66792	0.933845	-1.07084	4.93508	1.9658	0.354073	1
cg15161177	TIMELESS	0.0337133	0.0117919	0.44047	-2.2703	0.0423251	0.543533	-1.83981	0.0336819	0.523772	-1.90923	0.0443013	0.547565	-1.82627	0.72481	0.911972	-1.09652	0.00394647	0.363898	-2.74802	0.499395	0.836314	-1.19572	0.732498	0.914438	-1.09357	0.754454	1.08524	1.08524	3.91978	4.21936	0.956824	1
cg23239935	TIMELESS;TIMELESS	0.00121282	0.0970593	0.657839	-1.52013	0.76952	1.06889	1.06889	?	?	?	3.59E-05	0.132461	-7.54941	0.0384914	0.573392	-1.74401	?	?	?	0.260537	1.30696	1.30696	0.0840728	0.643961	-1.55289	0.956523	1.01243	1.01243	14.1269	8.75119	0.619469	1
cg08048699	TIMM10	0.000585717	0.756841	0.92162	-1.08505	0.00194085	0.315938	-3.16518	0.485953	1.20449	1.20449	0.224056	1.39886	1.39886	0.00298044	0.342733	-2.91772	0.429265	1.23622	1.23622	3.64E-05	0.123674	-8.08577	0.214376	0.709265	-1.40991	0.0011873	0.286735	-3.48754	13.6754	14.9583	0.972274	1
cg15888699	TIMM10	0.0394251	0.743723	1.01982	1.01982	0.00559945	0.804453	-1.24308	0.17058	0.916409	-1.09122	0.0655588	1.13159	1.13159	0.0439933	0.870708	-1.14849	0.931278	1.00517	1.00517	0.0817017	0.891003	-1.12233	0.316837	1.06385	1.06385	0.390135	0.948688	-1.05409	3.70281	0.209835	0.0503726	1
cg07593415	TIMM13	0.00155388	0.000353439	0.15821	-6.32072	0.116052	0.577641	-1.73118	0.0194573	0.403484	-2.47841	0.329702	0.723827	-1.38155	0.0449074	0.477315	-2.09505	0.00885457	0.342814	-2.91703	0.00219603	0.25165	-3.97377	0.000704236	0.190278	-5.25546	0.000573766	0.180355	-5.54462	10.3736	16.9617	1.45341	1
cg01543300	TIMM13	0.0245623	0.0117117	0.483466	-2.0684	0.266863	1.30597	1.30597	0.403281	0.820889	-1.21819	0.292748	0.777338	-1.28644	0.321285	0.789414	-1.26676	0.907141	1.02729	1.02729	0.00117256	0.33316	-3.00156	0.12414	0.680973	-1.46849	0.66661	1.10519	1.10519	4.38406	3.69747	0.749679	1
cg16020022	TIMM17A	4.52E-05	4.55E-05	0.138617	-7.21412	0.199842	1.41496	1.41496	0.380274	0.794015	-1.25942	0.000658472	0.262537	-3.80899	2.38E-05	0.115241	-8.67748	0.882388	1.03867	1.03867	7.71E-06	0.0807679	-12.3812	0.000965238	0.283848	-3.52301	0.355885	0.783977	-1.27555	27.3493	28.449	0.924631	1
cg13078232	TIMM17A	0.00564979	0.186469	1.20797	1.20797	0.0775304	1.30304	1.30304	0.0307062	1.40837	1.40837	0.100874	1.27431	1.27431	0.00642042	1.61333	1.61333	0.162464	0.817764	-1.22285	0.00103349	0.519065	-1.92654	0.45659	0.902772	-1.1077	0.420247	1.1175	1.1175	7.06895	2.0376	0.256219	1
cg22559942	TIMM17A	0.0391522	0.157916	0.864108	-1.15726	0.0216478	0.765864	-1.30572	0.680217	1.04091	1.04091	0.10292	1.18839	1.18839	0.0368453	0.790912	-1.26436	0.0174375	0.755792	-1.32312	0.44249	0.927043	-1.0787	0.273607	1.11652	1.11652	0.356636	1.09606	1.09606	3.71227	0.550236	0.131752	1
cg15622697	TIMM17A	0.0464369	0.34634	1.22027	1.22027	0.564515	0.887309	-1.127	0.028001	0.586921	-1.70381	0.0986449	1.45026	1.45026	0.178863	0.745911	-1.34064	0.868563	1.03458	1.03458	0.00407133	0.453156	-2.20675	0.55304	0.884101	-1.13109	0.481337	0.863361	-1.15826	3.48419	2.32521	0.593209	1
cg04735237	TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1	0.0231309	0.0793431	0.464275	-2.1539	0.0676281	0.446395	-2.24017	0.154213	0.548334	-1.82371	0.245753	0.619866	-1.61325	0.00101126	0.146389	-6.83113	0.477396	0.752322	-1.32922	0.694131	0.855814	-1.16848	0.00582086	0.24106	-4.14835	0.123592	0.518373	-1.92911	4.47609	11.0021	2.18486	1
cg20757997	TIMM17B;TIMM17B	0.000176186	0.00226811	0.460453	-2.17178	0.000299986	0.343694	-2.90956	0.00166672	0.441901	-2.26295	0.0168522	0.588875	-1.69815	1.54E-05	0.19705	-5.07486	0.142157	0.750836	-1.33185	0.000161912	0.310572	-3.21986	0.206034	1.2741	1.2741	0.67161	0.925483	-1.08052	19.0128	9.93071	0.464282	1
cg09796695	TIMM17B;TIMM17B	0.0300936	0.0147697	0.413177	-2.42027	0.00221351	0.282694	-3.53739	0.0218112	0.444426	-2.25009	0.698486	0.891651	-1.12151	0.0987373	0.586631	-1.70465	0.0988403	0.586745	-1.70432	0.923197	0.97199	-1.02882	0.935259	0.976349	-1.02422	0.742756	1.10189	1.10189	4.08231	5.61189	1.22194	1
cg12804544	TIMM22	0.00820704	0.0523354	1.46095	1.46095	0.562978	0.904419	-1.10568	0.580107	0.908468	-1.10075	0.76329	1.05326	1.05326	0.015143	0.59891	-1.6697	0.0954422	0.730026	-1.36981	0.00315519	0.500052	-1.99979	0.00222544	0.479022	-2.08759	0.0267118	0.636984	-1.5699	6.2933	2.94146	0.415463	1
cg19471376	TIMM22	0.0188667	0.00677696	0.589041	-1.69767	0.808961	0.964128	-1.03721	0.666617	1.06755	1.06755	0.888165	0.979002	-1.02145	0.0919445	1.32288	1.32288	0.0443809	0.705917	-1.4166	0.00832445	0.601305	-1.66305	0.252041	1.19777	1.19777	0.0301826	0.68083	-1.46879	4.79846	1.72869	0.320231	1
cg10180481	TIMM22	0.0444951	0.025395	0.591096	-1.69177	0.425471	0.851255	-1.17474	0.447591	1.16551	1.16551	0.0701086	0.66986	-1.49285	0.473405	0.865636	-1.15522	0.0368112	0.618834	-1.61594	0.0430558	1.5851	1.5851	0.187647	1.31825	1.31825	0.282401	1.24737	1.24737	3.54044	2.19561	0.551245	1
cg07536328	TIMM23	0.0083082	0.0846466	0.502404	-1.99043	0.0189399	2.78904	2.78904	0.90273	1.04512	1.04512	0.234229	0.637582	-1.56843	0.00826199	0.295508	-3.384	0.0225828	0.373208	-2.67947	0.00263037	0.222502	-4.49433	0.334228	1.43256	1.43256	0.0543659	0.45478	-2.19887	6.26903	12.9343	1.83396	1
cg20477318	TIMM23	0.0137225	0.66976	0.927464	-1.07821	0.267532	0.816495	-1.22475	0.0434802	1.5031	1.5031	0.136207	1.32553	1.32553	0.00164902	0.453514	-2.205	0.0151187	0.592167	-1.68871	0.314491	0.833123	-1.2003	0.437736	1.14906	1.14906	0.288059	1.21361	1.21361	5.33485	2.60306	0.43372	1
cg08065565	TIMM44	8.28E-05	0.117674	0.946552	-1.05647	0.00687987	1.11976	1.11976	0.0355707	1.0823	1.0823	5.68E-06	0.718531	-1.39173	0.0379516	0.92516	-1.08089	6.82E-05	0.790184	-1.26553	0.719923	0.988428	-1.01171	0.324742	0.96766	-1.03342	0.00321451	0.878104	-1.13882	23.2876	0.385428	0.0147118	1
cg14788369	TIMM44	0.000327662	0.379843	0.850858	-1.17528	0.232693	1.25153	1.25153	4.23E-05	0.2475	-4.04041	0.014565	0.583056	-1.7151	0.0146134	0.583278	-1.71445	0.000640239	0.390763	-2.5591	0.000278475	0.344348	-2.90404	0.755956	1.05749	1.05749	0.000731908	0.398409	-2.50998	16.0573	8.17422	0.452501	1
cg23549086	TIMM44	0.000416318	0.00011469	1.64944	1.64944	0.679794	1.03117	1.03117	0.982298	1.00164	1.00164	0.00126078	1.4164	1.4164	0.991104	1.00082	1.00082	0.00963087	1.2742	1.2742	0.000345939	0.653289	-1.53071	0.106641	1.13915	1.13915	0.00906975	1.27791	1.27791	15.0335	1.30208	0.0769886	1
cg26224499	TIMM44	0.00107086	0.250939	0.789906	-1.26597	0.830285	0.958678	-1.0431	0.0145595	1.80695	1.80695	7.00E-05	0.239999	-4.16668	0.867795	0.967776	-1.0333	0.0688083	0.670052	-1.49242	0.104829	1.41693	1.41693	0.0104811	1.88394	1.88394	0.0267463	1.67532	1.67532	11.54	7.06466	0.544167	1
cg10746899	TIMM44	0.00169201	0.585289	0.911781	-1.09675	0.000259821	2.73729	2.73729	0.526802	1.11347	1.11347	0.0345897	0.661669	-1.51133	0.00149443	0.46421	-2.1542	0.349144	1.17532	1.17532	0.0130365	0.596742	-1.67576	0.136653	1.30833	1.30833	0.629141	1.08498	1.08498	10.1216	4.50325	0.395481	1
cg05203855	TIMM44	0.00761246	0.00533018	0.538588	-1.85671	0.63565	0.922701	-1.08377	0.656085	0.927232	-1.07848	0.289933	0.830984	-1.20339	0.0291323	0.648305	-1.54248	0.853363	1.03168	1.03168	0.00546118	0.540087	-1.85155	0.00292331	1.99201	1.99201	0.224151	0.806341	-1.24017	6.44388	2.89977	0.400003	1
cg05603623	TIMM44	0.0092071	0.00115005	0.352772	-2.83469	0.486084	1.16689	1.16689	0.781933	1.06238	1.06238	0.0657983	1.56862	1.56862	0.342945	1.23746	1.23746	0.694679	0.917571	-1.08983	0.0958053	1.49023	1.49023	0.0611545	0.631206	-1.58427	0.0121822	1.97634	1.97634	6.06837	4.57053	0.669487	1
cg18748686	TIMM44	0.0169118	0.0553934	0.718403	-1.39198	0.0160297	1.5667	1.5667	0.146129	1.26823	1.26823	0.152178	0.791663	-1.26316	0.371307	0.86952	-1.15006	0.0107211	0.6136	-1.62973	0.00955467	0.606615	-1.64849	0.388691	0.874109	-1.14402	0.895855	1.02015	1.02015	4.97814	1.82892	0.326569	1
cg17682949	TIMM44	0.0188404	0.0670198	0.540947	-1.84861	0.050773	0.513718	-1.94659	0.145317	0.626237	-1.59684	0.69822	0.889933	-1.12368	0.0032976	0.301768	-3.3138	0.0097257	0.375769	-2.66121	0.00334007	0.302583	-3.30488	0.961585	1.01452	1.01452	0.291443	0.720632	-1.38767	4.80073	6.81059	1.26103	1
cg17967227	TIMM44	0.0233771	0.93819	1.01145	1.01145	0.198152	0.818964	-1.22105	0.499231	1.10597	1.10597	0.474453	1.11273	1.11273	0.244759	0.836376	-1.19563	0.221494	1.20768	1.20768	0.000949585	2.06152	2.06152	0.81405	0.965993	-1.0352	0.0280435	1.46382	1.46382	4.45977	1.52306	0.303565	1
cg18520505	TIMM44	0.0258084	0.998711	1.00016	1.00016	0.164961	0.863833	-1.15763	0.944494	0.993143	-1.0069	0.593213	0.948113	-1.05473	0.589715	1.05527	1.05527	0.384243	0.915615	-1.09216	0.00066919	1.67259	1.67259	0.181673	0.86927	-1.15039	0.585319	1.05596	1.05596	4.30919	0.666425	0.137469	1
cg01432010	TIMM44	0.0490838	0.0279173	0.753137	-1.32778	0.555757	0.937036	-1.0672	0.195743	0.861292	-1.16105	0.295301	0.888298	-1.12575	0.776293	1.03158	1.03158	0.233447	1.14607	1.14607	0.0071585	1.46081	1.46081	0.291955	0.887512	-1.12674	0.25953	0.87953	-1.13697	3.41201	0.643632	0.167678	1
cg00466492	TIMM44;CTXN1	0.032338	0.0345106	0.32299	-3.09607	0.255089	0.580041	-1.72402	0.458292	0.707382	-1.41366	0.733057	1.16991	1.16991	0.0134328	0.245832	-4.06782	0.168058	0.509965	-1.96092	0.00794115	0.21009	-4.75987	0.0061524	0.194311	-5.14639	0.131328	0.473922	-2.11005	3.97888	13.2409	2.95804	1
cg06555246	TIMM44;CTXN1	0.0376733	0.0162112	0.51992	-1.92337	0.365799	1.22958	1.22958	0.693034	1.09226	1.09226	0.0897105	0.659617	-1.51603	0.0139287	0.508817	-1.96534	0.0435203	0.596718	-1.67583	0.124609	0.69086	-1.44747	0.0178861	0.527202	-1.89681	0.862941	0.962296	-1.03918	3.765	2.95011	0.696499	1
cg11252600	TIMM50	0.0101711	0.00995206	0.713731	-1.40109	0.114022	0.836847	-1.19496	0.000609197	0.578577	-1.72838	0.102411	0.830968	-1.20342	0.00710963	0.69751	-1.43367	0.0134918	0.728458	-1.37276	0.165193	0.857816	-1.16575	0.782581	0.971748	-1.02907	0.0663228	0.807863	-1.23783	5.87861	0.999284	0.151099	1
cg17512742	TIMM50	0.0177614	0.392009	1.18687	1.18687	0.142682	1.36045	1.36045	0.888727	1.02773	1.02773	0.00562827	0.49166	-2.03393	0.144603	1.35815	1.35815	0.0158048	1.78184	1.78184	0.0631182	1.50435	1.50435	0.223706	1.28368	1.28368	0.0148946	1.79508	1.79508	4.89704	2.96005	0.537295	1
cg27195304	TIMM50	0.0287216	0.143036	1.90522	1.90522	0.00483232	4.62175	4.62175	0.646942	1.20787	1.20787	0.858814	1.07564	1.07564	0.274859	0.627974	-1.59242	0.118401	0.499449	-2.00221	0.512653	0.761912	-1.31249	0.00897461	3.89956	3.89956	0.168116	1.82492	1.82492	4.15036	11.024	2.36103	1
cg25501748	TIMM50	0.0305148	0.105809	0.672952	-1.48599	0.00765589	2.15662	2.15662	0.833572	1.0483	1.0483	0.538138	1.14999	1.14999	0.0263002	0.553893	-1.8054	0.216195	0.746928	-1.33882	0.101973	1.49379	1.49379	0.167275	0.718884	-1.39104	0.187687	0.731231	-1.36756	4.06219	3.23383	0.707628	1
cg00689214	TIMM50	0.0387953	0.0549586	0.843578	-1.18543	0.715033	0.971747	-1.02907	0.00625373	0.756927	-1.32113	0.0399576	0.830626	-1.20391	0.00525347	0.749986	-1.33336	0.896115	0.989842	-1.01026	0.36337	0.929588	-1.07574	0.0682519	0.852507	-1.17301	0.698142	0.969998	-1.03093	3.72477	0.360382	0.0860024	1
cg19680277	TIMM8A	0.0371992	0.0574987	0.207456	-4.8203	0.00296091	0.0504588	-19.8181	0.0672565	0.222806	-4.4882	0.704408	0.756498	-1.32188	0.0221191	0.134141	-7.45482	0.0297705	0.153738	-6.50459	0.110835	0.280297	-3.56765	0.167179	0.340241	-2.93909	0.884016	1.11279	1.11279	3.78245	32.111	7.5462	1
cg12417702	TIMM8A;TIMM8A	0.00318893	0.144585	0.574323	-1.74118	0.0143753	2.90909	2.90909	0.784937	1.10164	1.10164	0.125619	1.7978	1.7978	0.00981287	0.314972	-3.17489	0.0011555	0.184599	-5.41713	0.00235228	0.222691	-4.49052	0.724465	1.13343	1.13343	0.0668051	0.483246	-2.06934	8.40412	16.6694	1.76309	1
cg19014767	TIMM8A;TIMM8A	0.00521588	0.0122492	0.474168	-2.10896	0.000487283	0.270599	-3.69551	0.0323301	0.549198	-1.82084	0.769708	1.07272	1.07272	0.00282978	0.374115	-2.67298	0.030008	0.543125	-1.8412	0.581615	0.87539	-1.14235	0.617579	1.12792	1.12792	0.426158	1.21448	1.21448	7.24439	6.56104	0.805042	1
cg10321928	TIMM8A;TIMM8A	0.0238525	0.00304777	0.313017	-3.19471	0.00334201	0.318899	-3.13579	0.100834	0.597933	-1.67243	0.697702	0.894312	-1.11818	0.0802572	0.573895	-1.74248	0.108369	0.605785	-1.65075	0.359456	1.30949	1.30949	0.276723	0.723428	-1.38231	0.985607	0.994851	-1.00518	4.42884	5.74422	1.15289	1
cg08282960	TIMM8B;C11orf57;C11orf57;TIMM8B;C11orf57	0.0125425	0.00489584	0.312757	-3.19737	0.0135463	0.385807	-2.59197	0.0199385	0.416588	-2.40046	0.025491	0.437157	-2.28751	0.0202921	0.418033	-2.39216	0.00368418	0.294184	-3.39923	0.139621	0.609277	-1.64129	0.26391	0.695592	-1.43762	0.0079378	0.346101	-2.88933	5.49397	8.45382	1.36777	1
cg14839898	TIMM8B;SDHD;TIMM8B	4.29E-05	4.63E-05	0.175625	-5.69394	0.3404	0.800726	-1.24887	6.81E-05	0.192383	-5.19796	0.330451	0.796801	-1.25502	0.056693	0.613911	-1.6289	0.083391	0.648236	-1.54265	6.34E-06	0.102344	-9.77097	0.077977	0.642107	-1.55737	1.44E-05	0.129689	-7.71076	27.7278	22.468	0.720271	1
cg04455759	TIMM8B;SDHD;TIMM8B	0.00164185	0.0106032	0.357726	-2.79544	0.779433	1.09396	1.09396	0.0197725	0.406471	-2.4602	0.206769	0.653191	-1.53095	0.00132757	0.224674	-4.4509	0.138424	0.600368	-1.66565	0.000138799	0.121734	-8.21466	0.104076	0.566428	-1.76545	0.000683235	0.190227	-5.25688	10.21	16.5428	1.44023	1
cg03594819	TIMM8B;SDHD;TIMM8B	0.00315482	0.0284889	0.71448	-1.39962	0.0446763	1.34955	1.34955	0.00379908	1.66152	1.66152	0.293209	1.15236	1.15236	0.0198037	0.693559	-1.44184	0.0103837	0.657203	-1.5216	0.00941645	0.651764	-1.5343	0.642532	1.06268	1.06268	0.0302932	1.39265	1.39265	8.43107	2.25852	0.238116	1
cg11592345	TIMM8B;SDHD;TIMM8B	0.00932483	0.0098062	0.654398	-1.52812	0.00176166	0.560621	-1.78374	0.393259	0.892632	-1.12028	0.965928	1.00556	1.00556	0.0597424	0.758874	-1.31774	0.119352	0.802911	-1.24547	0.160314	0.822992	-1.21508	0.00979011	0.654307	-1.52833	0.0321178	1.38544	1.38544	6.0439	1.61462	0.237465	1
cg19537591	TIMM8B;SDHD;TIMM8B	0.0145069	0.0488502	0.502857	-1.98864	0.00243896	0.275536	-3.62928	0.781761	0.918635	-1.08857	0.935592	0.975603	-1.02501	0.0083079	0.35663	-2.80403	0.144067	0.61903	-1.61543	0.006667	0.34104	-2.9322	0.0116544	0.381579	-2.62069	0.848162	0.943105	-1.06033	5.2382	7.74788	1.31477	1
cg08281515	TIMM8B;SDHD;TIMM8B	0.0155518	0.00746582	0.651286	-1.53542	0.000964933	0.542413	-1.84361	0.356264	0.888591	-1.12538	0.147532	0.824113	-1.21343	0.0629193	0.770701	-1.29752	0.126654	0.814096	-1.22836	0.00688026	0.646889	-1.54586	0.214551	0.849885	-1.17663	0.793649	0.967894	-1.03317	5.11908	1.25636	0.218158	1
cg21806233	TIMM8B;SDHD;TIMM8B	0.0236243	0.0101157	0.282286	-3.54251	0.75944	0.88716	-1.12719	0.260641	0.632955	-1.57989	0.802034	1.10288	1.10288	0.0143163	0.308111	-3.24558	0.0776053	0.465504	-2.14821	0.00310239	0.206533	-4.84184	0.84945	1.07689	1.07689	0.032426	0.376732	-2.65441	4.44359	10.6945	2.13931	1
cg18268988	TIMM8B;SDHD;TIMM8B	0.0250636	0.00395812	0.538978	-1.85536	0.159536	0.786842	-1.2709	0.655805	0.930954	-1.07417	0.0909195	1.34582	1.34582	0.149146	0.781364	-1.27981	0.0763181	0.730157	-1.36957	0.145976	0.779632	-1.28266	0.203569	0.807326	-1.23866	0.0450053	1.44323	1.44323	4.35338	1.75372	0.35808	1
cg04269747	TIMM8B;SDHD;TIMM8B	0.0432939	0.0218097	0.288214	-3.46964	0.073099	0.405207	-2.46788	0.26676	0.592789	-1.68694	0.478545	0.722093	-1.38486	0.00932941	0.225304	-4.43845	0.0638142	0.390001	-2.56409	0.0102372	0.231572	-4.31831	0.0272674	0.307069	-3.2566	0.239249	0.572932	-1.74541	3.57677	11.5703	2.87541	1
cg20699097	TIMM8B;TIMM8B;SDHD	0.00185441	0.0416973	0.784691	-1.27439	0.0703285	1.23234	1.23234	0.0209567	0.750606	-1.33226	0.531041	1.06773	1.06773	9.79E-05	0.489271	-2.04386	0.0256551	0.76053	-1.31487	0.0106493	0.717758	-1.39323	0.734764	1.03574	1.03574	0.180688	1.15811	1.15811	9.85623	1.66484	0.150144	1
cg22962425	TIMM9	6.90E-05	6.83E-05	0.31137	-3.21161	0.0554465	1.41583	1.41583	0.114722	1.31621	1.31621	0.778581	0.955854	-1.04618	0.000166224	0.334249	-2.99178	0.000377424	0.402477	-2.48462	0.000753858	0.441142	-2.26685	0.0116817	1.65652	1.65652	0.000129257	0.344565	-2.90221	24.4398	9.93051	0.361178	1
cg16320351	TIMP1;SYN1;SYN1	0.000617112	0.000569709	0.27019	-3.7011	0.00595982	0.414089	-2.41494	0.443416	0.825621	-1.21121	0.203729	1.38951	1.38951	0.000102194	0.185071	-5.40332	0.419653	1.22409	1.22409	0.000679211	0.279855	-3.57328	0.214073	1.3782	1.3782	0.769848	1.07459	1.07459	13.4777	12.8356	0.846537	1
cg05652828	TIMP1;SYN1;SYN1	0.00195639	0.348463	1.31045	1.31045	0.000490283	0.216619	-4.61639	0.00993047	0.401637	-2.48981	0.0170166	0.442628	-2.25923	0.000646386	0.230875	-4.33135	0.14902	1.54257	1.54257	0.0856889	0.587403	-1.70241	0.179701	1.49054	1.49054	0.0583768	0.549309	-1.82047	9.704	12.0579	1.1045	1
cg26017754	TIMP2	0.000667101	0.84122	1.03271	1.03271	0.0104766	1.67684	1.67684	0.000820122	0.445309	-2.24563	0.17574	1.25985	1.25985	0.0109437	0.59908	-1.66923	0.325621	1.17685	1.17685	0.631782	0.925459	-1.08055	9.64E-05	0.328577	-3.04343	0.00618691	0.56393	-1.77327	13.1875	5.37642	0.362391	1
cg01502428	TIMP2	0.00206013	0.000769779	0.303203	-3.29813	0.15118	0.697376	-1.43395	0.149222	0.695995	-1.43679	0.707495	0.915462	-1.09234	0.000416677	0.269359	-3.71252	0.0142098	0.49223	-2.03157	0.000685721	0.296675	-3.37069	0.621507	0.889927	-1.12369	0.00549704	0.425145	-2.35214	9.55899	8.31285	0.773011	1
cg14517108	TIMP2	0.00385613	0.000155902	0.041023	-24.3766	0.557526	1.30676	1.30676	0.0815226	2.41918	2.41918	0.00796076	0.202962	-4.92702	0.75969	0.870914	-1.14822	0.601169	1.26846	1.26846	0.0996424	2.28015	2.28015	0.880993	1.06979	1.06979	0.715578	1.17926	1.17926	9.28244	29.1788	2.4449	1
cg16347361	TIMP2	0.00810592	0.00312081	0.253426	-3.94593	0.0831414	0.521266	-1.91841	0.00222996	0.233519	-4.2823	0.121959	0.565919	-1.76704	0.01015	0.332488	-3.00762	0.0496615	0.467447	-2.13928	0.00132249	0.204678	-4.88573	0.213091	0.64063	-1.56096	0.180558	0.617011	-1.62072	6.31793	11.5403	1.62364	1
cg08012219	TIMP2	0.0101922	0.353013	0.842461	-1.187	0.110688	0.732142	-1.36585	0.00122826	0.428264	-2.33501	0.114063	0.734651	-1.36119	0.738816	1.06186	1.06186	0.105513	0.728168	-1.37331	0.044785	1.51164	1.51164	0.046707	1.50458	1.50458	0.0402063	0.653629	-1.52992	5.87471	2.99389	0.452998	1
cg06830971	TIMP2	0.0111412	0.0427701	0.458696	-2.18009	0.00294556	0.255502	-3.91386	0.0717798	0.510782	-1.95778	0.55734	1.21937	1.21937	0.00732168	0.314889	-3.17572	0.201261	0.63696	-1.56996	0.00532816	0.293185	-3.41082	0.0248206	0.409516	-2.44191	0.0125038	0.35402	-2.8247	5.70901	10.0987	1.57236	1
cg01761758	TIMP2	0.0118349	0.531328	0.914568	-1.09341	0.0624844	0.744325	-1.3435	0.00965891	0.630512	-1.58601	0.385759	0.882295	-1.13341	0.0271262	0.691845	-1.44541	0.0282635	1.44019	1.44019	0.0874241	1.30441	1.30441	0.0142826	1.53044	1.53044	0.51	0.910171	-1.09869	5.59859	1.75878	0.279241	1
cg20835989	TIMP2	0.0206399	0.0409201	0.527674	-1.89511	0.392687	0.7888	-1.26775	0.00195169	0.305205	-3.27649	0.950328	0.983263	-1.01702	0.0231881	0.479336	-2.08622	0.167524	0.671262	-1.48973	0.0109659	0.421113	-2.37466	0.248758	1.3863	1.3863	0.406947	0.79466	-1.2584	4.65441	5.41116	1.03341	1
cg19295840	TIMP2	0.0239918	0.506808	1.32708	1.32708	0.0282814	0.336861	-2.96859	0.0132922	0.275555	-3.62904	0.212128	0.575668	-1.73711	0.00290057	0.179043	-5.58525	0.0410002	0.371249	-2.69361	0.289998	0.630379	-1.58635	0.28689	1.59145	1.59145	0.278065	0.622558	-1.60628	4.41992	12.3582	2.48535	1
cg19944656	TIMP2	0.0250985	0.105914	0.399771	-2.50143	0.00261354	0.114858	-8.70637	0.00264577	0.115384	-8.66675	0.168527	0.466846	-2.14203	0.135729	0.433993	-2.30419	0.161424	0.460063	-2.17361	0.027268	0.25761	-3.88183	0.214907	0.507745	-1.96949	0.471671	0.68379	-1.46244	4.35128	18.5748	3.7945	1
cg05306745	TIMP2	0.0266548	0.0508906	0.347325	-2.87915	0.00687537	0.189392	-5.28006	0.0310634	0.30016	-3.33156	0.906483	0.945655	-1.05747	0.00501411	0.171139	-5.84319	0.621563	0.789318	-1.26692	0.0230613	0.274686	-3.64052	0.384317	0.654343	-1.52825	0.613419	1.27407	1.27407	4.26084	15.2559	3.18265	1
cg05089775	TIMP2	0.0291906	0.295012	0.832776	-1.2008	0.0601522	1.42939	1.42939	0.270186	0.824108	-1.21343	0.00621098	1.82419	1.82419	0.341675	1.1795	1.1795	0.544716	0.901862	-1.10882	0.903143	0.979696	-1.02072	0.164902	1.28355	1.28355	0.0172215	0.613239	-1.63069	4.12666	1.85554	0.399687	1
cg20761853	TIMP2	0.0348883	0.0398392	0.608739	-1.64274	0.779835	0.943141	-1.06029	0.184189	0.745078	-1.34214	0.796235	0.947379	-1.05554	0.00504895	0.460899	-2.16967	0.0076598	0.488696	-2.04626	0.256383	1.28079	1.28079	0.230569	0.768945	-1.30048	0.113896	0.698173	-1.43231	3.87161	2.67573	0.614325	1
cg27090087	TINAG	2.08E-05	0.00123079	0.32317	-3.09435	4.14E-05	0.154581	-6.4691	0.000418141	0.262561	-3.80864	0.0213887	0.516393	-1.93651	1.21E-05	0.109702	-9.11564	0.0140672	0.484542	-2.0638	1.14E-06	0.0487861	-20.4976	0.00557809	0.418916	-2.38711	0.000258523	0.237621	-4.20838	33.5314	30.3399	0.804285	1
cg22165105	TINAG	6.89E-05	0.687686	1.09236	1.09236	7.44E-05	0.207382	-4.82203	4.79E-05	0.187634	-5.32952	0.000327003	0.281065	-3.5579	3.05E-05	0.168436	-5.93697	0.0142403	0.51636	-1.93663	0.00172737	0.376339	-2.65718	0.100013	0.674365	-1.48288	5.40E-05	0.192859	-5.18514	24.4522	18.5068	0.672762	1
cg12397274	TINAG	0.00354597	0.00362897	0.108525	-9.2145	0.127397	0.394505	-2.53482	0.0541217	0.29132	-3.43265	0.0135352	0.178292	-5.60877	0.00103584	0.0644749	-15.5099	0.00986539	0.158824	-6.29627	0.000571741	0.0493209	-20.2754	0.113812	0.378816	-2.6398	0.0066666	0.137218	-7.28766	8.14194	41.0516	4.48178	1
cg19300549	TINAG	0.0497498	0.038271	0.464517	-2.15278	0.296691	1.41271	1.41271	0.103486	0.566296	-1.76586	0.0573198	0.503266	-1.98702	0.250954	0.681778	-1.46675	0.135333	0.598078	-1.67202	0.0598749	0.507641	-1.9699	0.0707735	1.90549	1.90549	0.0645479	0.515275	-1.94071	3.3946	5.48243	1.4356	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09070415	TINAGL1	1.96E-05	0.163611	0.820654	-1.21854	0.009448	0.645766	-1.54855	9.99E-06	0.283419	-3.52835	0.00287629	0.579792	-1.72476	5.02E-06	0.251034	-3.98352
cg23726483	TINAGL1	0.00459799	0.143194	0.659082	-1.51726	0.684171	1.11446	1.11446	0.0183155	0.468286	-2.13545	0.424716	0.805714	-1.24113	0.000315542	0.212951	-4.69591
cg16103203	TINAGL1	0.00707516	0.00273085	0.347153	-2.88057	0.14461	0.669826	-1.49293	0.00139689	0.306055	-3.26738	0.0116534	0.446517	-2.23956	0.00865913	0.424914	-2.35342
cg12206571	TINAGL1	0.00820978	0.00701856	6.9669	6.9669	0.00352012	9.05869	9.05869	0.220401	2.0493	2.0493	0.083935	2.90084	2.90084	0.00172709	12.0561	12.0561
cg17945560	TINAGL1	0.0247602	0.0576611	3.24065	3.24065	0.00495159	7.67793	7.67793	0.254947	1.91757	1.91757	0.0861739	2.82502	2.82502	0.0237017	4.38918	4.38918
cg00541683	TINAGL1	0.0353933	0.00202831	3.71096	3.71096	0.158149	1.57557	1.57557	0.235963	1.45383	1.45383	0.102353	1.71366	1.71366	0.0832532	1.78206	1.78206
cg16402766	TINF2;TINF2	0.000523364	0.23573	0.896147	-1.11589	0.160695	1.14136	1.14136	0.866251	0.985235	-1.01499	0.991367	1.00096	1.00096	0.00632852	0.73073	-1.36849
cg23376012	TINF2;TINF2	0.00349763	0.0703631	0.737027	-1.3568	0.00285781	0.53838	-1.85743	0.0141658	1.57874	1.57874	0.264709	1.19168	1.19168	0.197982	1.22785	1.22785
cg14361085	TINF2;TINF2	0.0233717	0.0262439	0.656315	-1.52366	0.867966	0.973774	-1.02693	0.600202	0.918998	-1.08814	0.119699	1.30953	1.30953	0.0230156	0.647735	-1.54384
cg01711986	TINF2;TINF2	0.0401893	0.441938	1.10026	1.10026	0.0305064	1.36318	1.36318	0.0303504	1.36371	1.36371	0.00282763	1.65055	1.65055	0.126697	1.22302	1.22302
cg02271180	TINF2;TINF2;TINF2;TINF2	5.78E-05	0.121	1.58231	1.58231	0.0233996	0.477509	-2.0942	0.601201	0.865951	-1.1548	0.0494848	0.542406	-1.84364	0.111921	0.623483	-1.60389
cg18284523	TINF2;TINF2;TINF2;TINF2	8.21E-05	0.0117511	1.11173	1.11173	0.000127352	0.799047	-1.25149	0.000647212	1.19254	1.19254	0.00735724	1.12328	1.12328	0.000107583	1.25838	1.25838
cg09226756	TINF2;TINF2;TINF2;TINF2	0.0393636	0.203894	0.795751	-1.25667	0.00709856	1.80874	1.80874	0.0292624	1.54898	1.54898	0.913153	0.981584	-1.01876	0.0720373	0.710261	-1.40793
cg24371217	TIPARP	0.04913	0.424069	0.818679	-1.22148	0.109661	0.652222	-1.53322	0.0178939	0.494002	-2.02428	0.58334	1.14539	1.14539	0.00261166	0.360026	-2.77758
cg24262469	TIPARP;LOC100287227	6.96E-05	0.33752	0.863576	-1.15798	0.0127751	1.58228	1.58228	0.00472781	1.74493	1.74493	0.00367511	1.79061	1.79061	0.00542047	0.581073	-1.72095
cg07574216	TIPARP;LOC100287227	0.00102119	0.214192	0.712418	-1.40367	0.00237932	0.333425	-2.99917	0.00122758	0.293496	-3.40721	0.2364	1.37946	1.37946	0.288239	0.751355	-1.33093
cg01773831	TIPARP;LOC100287227	0.00515451	0.514812	0.917958	-1.08937	0.00373229	1.66125	1.66125	0.000394112	2.07846	2.07846	0.0434126	0.740048	-1.35126	0.49899	0.914892	-1.09303
cg06068627	TIPARP;LOC100287227	0.0298916	0.40316	0.406557	-2.45968	0.49599	2.06937	2.06937	?	?	?	0.261084	0.291402	-3.43169	0.106426	0.156498	-6.38987
cg22114222	TIPARP;TIPARP;LOC100287227	0.00940738	0.234316	1.15558	1.15558	0.00125933	1.7265	1.7265	0.00557538	1.52539	1.52539	0.597771	1.0637	1.0637	0.0220131	0.727172	-1.37519
cg13024538	TIPIN	0.000231656	0.836859	0.92752	-1.07814	0.283456	1.50179	1.50179	0.488631	1.29268	1.29268	3.70E-06	0.0192438	-51.9649	0.205345	0.614102	-1.62839
cg11164506	TIPIN	0.00114244	0.000924668	0.148722	-6.72397	0.298226	1.51488	1.51488	0.569646	0.801448	-1.24774	0.125922	1.89238	1.89238	0.000396789	0.11393	-8.77729
cg12541836	TIPIN	0.0429932	0.0153414	0.439334	-2.27617	0.386041	1.2784	1.2784	0.756633	0.917667	-1.08972	0.573578	1.1702	1.1702	0.00389698	0.341591	-2.92748
cg22343980	TIPRL;TIPRL	0.00776963	0.187619	0.695873	-1.43704	0.174565	1.45495	1.45495	0.800513	0.936372	-1.06795	0.518138	0.843572	-1.18544	0.00212027	0.325759	-3.06975
cg04846842	TIPRL;TIPRL	0.0178097	0.0617361	0.749212	-1.33474	0.0211835	0.683683	-1.46267	0.759642	0.958764	-1.04301	0.670688	0.942996	-1.06045	0.444974	0.898659	-1.11277
cg19240021	TIPRL;TIPRL	0.0221762	0.038696	1.53808	1.53808	0.512061	0.887299	-1.12702	0.0266376	0.623498	-1.60385	0.838594	0.963989	-1.03736	0.0224149	1.63541	1.63541
cg04245374	TIPRL;TIPRL	0.0456984	0.0628437	1.61581	1.61581	0.493465	1.17285	1.17285	0.940593	1.01723	1.01723	0.0560802	0.608921	-1.64225	0.10833	1.49421	1.49421
cg09036154	TIRAP;TIRAP	0.000202468	0.700934	0.959552	-1.04215	0.000664244	0.572599	-1.74642	0.314634	1.11768	1.11768	0.00334293	0.652283	-1.53308	0.00108014	0.596676	-1.67595
cg26202340	TIRAP;TIRAP	0.00261898	0.0203695	1.73225	1.73225	0.000223978	3.34278	3.34278	0.00138014	2.48826	2.48826	0.0012703	2.51927	2.51927	0.134341	1.37336	1.37336
cg15932284	TIRAP;TIRAP	0.00446066	0.000381368	0.149043	-6.70949	0.81894	0.925952	-1.07997	0.0428152	2.18639	2.18639	0.527085	1.23988	1.23988	0.0040987	0.274661	-3.64085
cg14755009	TIRAP;TIRAP	0.00528402	0.305377	0.8863	-1.12829	0.0060605	1.50322	1.50322	0.0587846	1.27475	1.27475	0.950981	0.993033	-1.00702	0.572358	1.06703	1.06703
cg02973469	TIRAP;TIRAP	0.02392	0.0560992	1.76223	1.76223	0.0188936	0.474927	-2.10559	0.0654966	0.581955	-1.71835	0.47288	0.825978	-1.21069	0.927783	1.02402	1.02402
cg21117426	TIRAP;TIRAP	0.0405153	0.257198	1.50161	1.50161	0.720182	1.13164	1.13164	0.0210675	2.59574	2.59574	0.421581	1.32612	1.32612	0.00673892	0.298871	-3.34593
cg13986503	TIRAP;TIRAP;TIRAP;TIRAP	0.0234513	0.590809	0.915422	-1.09239	0.843839	0.9684	-1.03263	0.639771	0.926126	-1.07977	0.344747	0.853471	-1.17169	0.957242	0.991309	-1.00877
cg14009632	TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1	0.0101973	0.222248	0.719384	-1.39008	0.857492	0.954898	-1.04723	0.00172783	3.15118	3.15118	0.485203	1.19974	1.19974	0.00236651	0.336684	-2.97015
cg06608166	TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1	0.0451863	0.104827	0.616783	-1.62132	0.116183	0.627854	-1.59273	0.0247981	2.07184	2.07184	0.990457	1.00327	1.00327	0.0134379	0.434125	-2.30348
cg01046798	TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1; TJAP1	1.16E-05	0.000538183	2.08635	2.08635	0.00253178	1.77274	1.77274	0.121017	0.794791	-1.25819	0.000106948	0.393093	-2.54393	1.89E-06	0.198761	-5.03117
cg10653339	TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1; TJAP1	0.00509147	0.152749	1.31027	1.31027	0.000194791	3.02234	3.02234	0.934885	0.985685	-1.01452	0.0835856	1.40204	1.40204	0.0227934	0.618267	-1.61742
cg26291698	TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1; TJAP1;TJAP1;TJAP1;TJAP1;TJAP1	0.0149484	0.143293	0.810637	-1.2336	0.475448	0.90768	-1.10171	0.0135806	0.66523	-1.50324	0.652639	0.941318	-1.06234	0.115256	0.795678	-1.25679
cg12685846	TJP1;TJP1	0.000711321	7.41E-05	2.8808	2.8808	0.954762	0.991699	-1.00837	0.459833	1.11693	1.11693	0.0138785	1.56316	1.56316	0.0908675	1.31482	1.31482
cg12400336	TJP1;TJP1	0.00105708	3.01E-05	0.0462427	-21.625	0.19121	1.68396	1.68396	0.00377523	4.35741	4.35741	0.225022	1.61592	1.61592	0.509623	1.28648	1.28648
cg09812397	TJP1;TJP1	0.00109902	0.100457	0.527242	-1.89666	0.0868248	0.510311	-1.95959	0.887784	0.951017	-1.05151	0.314593	0.69079	-1.44762	9.06E-05	0.0829584	-12.0542
cg16225947	TJP1;TJP1	0.00227188	9.82E-05	0.125607	-7.96134	0.178175	0.651199	-1.53563	0.701625	1.12234	1.12234	0.889069	0.959019	-1.04273	0.0674493	0.540997	-1.84844
cg19781053	TJP1;TJP1	0.0231882	0.0325242	0.506839	-1.97301	0.935646	1.02217	1.02217	0.103282	1.62241	1.62241	0.127338	0.639064	-1.56479	0.268819	0.73143	-1.36719
cg04022063	TJP1;TJP1;TJP1;TJP1	0.000677814	?	?	?	0.509962	1.28034	1.28034	0.334272	1.44515	1.44515	0.800345	1.09823	1.09823	0.18747	0.596588	-1.6762
cg13522776	TJP2	0.000472968	0.000260454	0.224722	-4.44993	0.0699046	1.65499	1.65499	0.000219148	0.216233	-4.62463	0.767659	0.929002	-1.07642	0.0172572	0.486227	-2.05665
cg14095983	TJP2	0.0184276	0.0275938	0.731755	-1.36658	0.372846	1.11592	1.11592	0.5205	1.08122	1.08122	0.860688	1.02128	1.02128	0.827008	0.974102	-1.02659
cg13920460	TJP2	0.0390383	0.0289826	0.415766	-2.4052	0.0469573	0.460585	-2.17115	0.0094099	0.325537	-3.07184	0.466714	0.776858	-1.28724	0.0108597	0.336084	-2.97545
cg09272909	TJP2	0.0450353	0.713061	1.06605	1.06605	0.0774592	1.40475	1.40475	0.178401	1.28093	1.28093	0.511509	1.12221	1.12221	0.62985	0.91935	-1.08773
cg02775489	TJP2;TJP2;TJP2;TJP2	2.88E-05	0.23165	1.21837	1.21837	0.282037	1.19245	1.19245	0.291267	0.841628	-1.18817	0.845684	0.969787	-1.03115	0.000530076	0.427598	-2.33865
cg13651833	TJP2;TJP2;TJP2;TJP2	0.00471844	0.0316712	0.783471	-1.27637	0.00598281	1.41631	1.41631	0.00241818	1.50564	1.50564	0.0960634	0.837736	-1.19369	0.31091	0.903423	-1.1069
cg17195771	TJP2;TJP2;TJP2;TJP2	0.0371905	0.907274	1.01426	1.01426	0.0163773	1.42822	1.42822	0.0390595	1.33661	1.33661	0.844182	0.976379	-1.02419	0.930491	0.989458	-1.01065
cg21209691	TJP2;TJP2;TJP2;TJP2;TJP2;TJP2	1.59E-05	0.047623	0.758376	-1.31861	0.00322182	1.63354	1.63354	0.163658	0.834029	-1.199	0.0218246	1.39938	1.39938	0.000645089	0.527736	-1.89489
cg01548562	TJP2;TJP2;TJP2;TJP2;TJP2;TJP2	2.11E-05	0.0223984	0.702497	-1.42349	5.28E-05	0.377286	-2.65051	4.67E-06	0.258077	-3.87481	0.0656304	0.76594	-1.30559	0.0105827	0.660355	-1.51434
cg08193551	TJP2;TJP2;TJP2;TJP2;TJP2;TJP2	0.000205989	6.13E-05	0.290064	-3.44751	0.00169218	0.488182	-2.04842	0.000399441	0.399353	-2.50405	0.99792	0.999607	-1.00039	5.65E-05	0.285603	-3.50137
cg14075627	TJP2;TJP2;TJP2;TJP2;TJP2;TJP2	0.00367044	0.517707	0.90498	-1.105	0.480508	0.896574	-1.11536	0.20524	0.815899	-1.22564	0.0699235	0.734538	-1.3614	0.269788	0.839505	-1.19118
cg11335767	TJP3	0.000115445	1.21E-05	0.157497	-6.34934	0.303357	1.23772	1.23772	0.0561901	1.54129	1.54129	1.70E-05	0.171148	-5.84291	0.126198	0.718213	-1.39234
cg16887110	TJP3	0.00888098	0.27684	1.10505	1.10505	0.142742	1.14927	1.14927	0.021039	0.782622	-1.27776	0.0228344	1.27195	1.27195	0.129066	0.865154	-1.15586
cg00798601	TJP3	0.011188	0.0540028	0.734889	-1.36075	0.00957443	0.630012	-1.58727	0.254021	0.845567	-1.18264	0.914789	0.985039	-1.01519	0.633941	1.0699	1.0699
cg27022827	TJP3	0.0202794	0.0141617	0.25474	-3.92557	0.013779	0.252724	-3.95688	0.0431774	0.349631	-2.86016	0.0975034	0.439798	-2.27377	0.00897952	0.222892	-4.48648
cg02707222	TJP3	0.0228449	0.0248262	0.328541	-3.04376	0.00248639	0.173453	-5.76524	0.037987	0.366977	-2.72497	0.18912	0.560077	-1.78547	0.0255277	0.330942	-3.02168
cg13569431	TJP3	0.0313256	0.041651	0.0677612	-14.7577	0.00466735	0.013413	-74.5546	0.0929004	0.120159	-8.32233	0.0981243	0.124998	-8.00012	0.0256213	0.047882	-20.8847
cg12850636	TJP3	0.0342736	0.14426	0.27732	-3.60595	0.0349936	0.134129	-7.4555	0.0182419	0.0960171	-10.4148	0.966971	1.03444	1.03444	0.0102636	0.0709741	-14.0896
cg01583514	TJP3	0.0463414	0.137902	0.613771	-1.62927	0.865185	1.05329	1.05329	0.143651	0.618733	-1.61621	0.0138016	0.394578	-2.53435	0.839862	0.940053	-1.06377
cg18767057	TK1	0.0332863	0.0111562	0.476607	-2.09816	0.784478	0.93813	-1.06595	0.0154884	0.500644	-1.99743	0.0163109	0.504508	-1.98213	0.0353241	0.56496	-1.77004
cg03291825	TK1;AFMID;AFMID;AFMID	0.0204493	0.0106367	0.33244	-3.00806	0.00450577	0.273047	-3.66237	0.21021	0.635883	-1.57262	0.471286	0.777819	-1.28565	0.00278332	0.24322	-4.1115
cg20104688	TK1;TK1;AFMID;AFMID;AFMID	0.0353249	0.0885482	0.756604	-1.32169	0.0335674	1.44564	1.44564	0.0991893	1.30776	1.30776	0.0339092	0.692383	-1.44429	0.156039	0.798292	-1.25267
cg26538590	TK2	0.00322356	0.000612239	0.200097	-4.99756	0.331903	1.35687	1.35687	0.910116	0.966157	-1.03503	0.00108246	0.229726	-4.35301	0.0219969	0.432767	-2.31071
cg03448915	TK2	0.00373056	0.149394	0.457896	-2.1839	0.00808468	5.55048	5.55048	0.489709	1.42556	1.42556	0.129287	2.28919	2.28919	0.0141059	0.216358	-4.62197
cg07127456	TK2	0.00681668	0.189533	0.658076	-1.51958	0.00564109	2.98551	2.98551	0.376518	1.31422	1.31422	0.0217409	2.29202	2.29202	0.043807	0.497731	-2.00912
cg09238666	TK2	0.0137931	0.967228	1.01601	1.01601	0.0558878	2.31055	2.31055	0.024828	2.80909	2.80909	0.0756966	2.14783	2.14783	0.00142086	0.167777	-5.96028
cg07512993	TK2	0.0190581	0.0263994	0.478402	-2.09029	0.38404	0.77883	-1.28398	0.0307291	0.491292	-2.03545	0.20697	0.688863	-1.45167	0.00164563	0.28307	-3.5327
cg01758899	TK2	0.0382226	0.459623	0.789627	-1.26642	0.0137514	2.60006	2.60006	0.540422	0.82331	-1.21461	0.0854944	1.81545	1.81545	0.284195	0.705383	-1.41767
cg10472651	TK2	0.0483391	0.0166091	0.327111	-3.05707	0.0809149	0.47743	-2.09455	0.0258334	0.363883	-2.74814	0.0654699	0.453925	-2.20301	0.0119307	0.301635	-3.31527
cg16376828	TK2;TK2	0.000683678	9.33E-05	4.01125	4.01125	0.576138	0.893532	-1.11915	0.811822	0.953574	-1.04869	0.0004655	2.99554	2.99554	0.00980235	0.521617	-1.91711
cg00223877	TKT;TKT;TKT	0.00013943	0.019632	1.54576	1.54576	0.291054	1.18443	1.18443	0.0529274	0.711888	-1.40472	0.0246374	0.661385	-1.51198	0.00111217	0.476101	-2.10039
cg07918978	TKT;TKT;TKT	0.00087258	0.970862	1.00789	1.00789	0.000916852	2.90511	2.90511	0.767714	0.938229	-1.06584	0.00104522	2.84181	2.84181	0.00556361	0.456576	-2.19022
cg24969254	TKT;TKT;TKT	0.000979714	3.63E-05	0.329262	-3.0371	0.188899	1.21452	1.21452	0.0641212	0.7479	-1.33708	0.255184	0.84716	-1.18041	0.246832	0.844442	-1.18421
cg16894138	TKT;TKT;TKT	0.0310872	0.277306	1.36051	1.36051	0.0364986	1.93923	1.93923	0.0504553	1.8358	1.8358	0.279899	1.35809	1.35809	0.470229	1.22161	1.22161
cg14939691	TKT;TKT;TKT;TKT;TKT;TKT	0.00727479	0.289275	0.931862	-1.07312	0.688053	1.02623	1.02623	0.0936993	0.888463	-1.12554	0.026206	1.18436	1.18436	0.296133	0.932859	-1.07197
cg26803301	TKTL1;TEX28;TKTL1	0.000122668	0.000234119	0.0860318	-11.6236	0.0132312	0.290943	-3.4371	0.0259825	0.345574	-2.89373	0.00335188	0.200908	-4.97741	0.000142105	0.0714842	-13.9891
cg00279529	TKTL1;TEX28;TKTL1	0.000803233	0.0245881	0.254857	-3.92377	0.458016	1.47089	1.47089	0.0165542	0.224315	-4.45801	0.967994	0.979721	-1.0207	0.00493389	0.149366	-6.69497
cg15812025	TKTL1;TEX28;TKTL1	0.000932866	0.00408138	0.161806	-6.18024	0.00556993	0.178941	-5.58844	0.0517831	0.351366	-2.84603	0.0441522	0.335309	-2.98233	0.000970821	0.0982766	-10.1754
cg04186471	TKTL1;TEX28;TKTL1	0.0103418	0.0326784	0.212874	-4.6976	0.906801	0.930073	-1.07518	0.0898023	0.314275	-3.18192	0.0744958	0.292324	-3.42087	0.00506439	0.100883	-9.91243
cg22451002	TKTL1;TEX28;TKTL1	0.0197798	0.0260177	0.126403	-7.91121	0.010705	0.0811614	-12.3211	0.0857694	0.226136	-4.42211	0.767407	1.26138	1.26138	0.0432336	0.161947	-6.17487
cg17933493	TKTL1;TKTL1;TKTL1	0.00290006	0.181255	0.576158	-1.73563	0.00317699	0.209017	-4.7843	0.00105354	0.152218	-6.56951	0.0451211	0.409408	-2.44255	0.00112564	0.155276	-6.44013
cg18721956	TKTL1;TKTL1;TKTL1	0.00910691	0.113538	0.420534	-2.37793	0.0518803	0.328629	-3.04294	0.00747757	0.176874	-5.65376	0.0805144	2.6516	2.6516	0.00493182	0.153606	-6.51017
cg24187269	TKTL1;TKTL1;TKTL1	0.0206884	0.0265607	0.210287	-4.7554	0.00425982	0.10347	-9.66465	0.141908	0.39195	-2.55135	0.206689	0.453884	-2.20321	0.0190522	0.185755	-5.38344
cg18771512	TKTL1;TKTL1;TKTL1	0.0247278	0.0756695	0.284825	-3.51093	0.0680184	0.273049	-3.66235	0.0730493	0.280873	-3.56033	0.423438	0.594944	-1.68083	0.00618856	0.103563	-9.65596
cg02469604	TKTL1;TKTL1;TKTL1	0.0269172	0.0445988	0.214538	-4.66118	0.0167934	0.14258	-7.01362	0.0649066	0.25066	-3.98947	0.144238	0.350977	-2.84919	0.019424	0.151643	-6.59442
cg06152508	TKTL1;TKTL1;TKTL1;TKTL1	0.0237858	0.749252	1.17653	1.17653	0.00815996	0.179709	-5.56455	0.183721	0.489197	-2.04417	0.677678	1.23602	1.23602	0.0740163	0.364445	-2.7439
cg00917094	TKTL2	6.28E-06	1.93E-06	0.20405	-4.90075	0.294212	0.863586	-1.15796	0.0175088	0.677187	-1.4767	0.260032	0.853527	-1.17161	5.80E-06	0.252947	-3.95339
cg12267786	TKTL2	0.00173754	0.18204	1.46767	1.46767	0.788064	1.07571	1.07571	0.522525	1.1919	1.1919	0.0790133	0.589626	-1.69599	0.005637	0.373776	-2.6754
cg01225525	TKTL2	0.0469104	0.0307898	0.144535	-6.91872	0.230722	0.383381	-2.60837	0.187219	0.344411	-2.90351	0.0702693	0.213744	-4.67849	0.0234453	0.126902	-7.88007
cg23210938	TKTL2;TKTL2	0.0267586	0.819398	1.06235	1.06235	0.028365	1.98269	1.98269	0.269578	1.35539	1.35539	0.19883	0.698291	-1.43207	0.910975	0.970851	-1.03002
cg14136096	TLCD1;TLCD1	9.11E-05	0.198998	1.0838	1.0838	0.0767814	1.12378	1.12378	0.549563	1.03655	1.03655	0.0843452	1.11987	1.11987	0.0239686	1.17316	1.17316
cg00355089	TLCD1;TLCD1	0.00223025	0.0818798	0.878833	-1.13787	0.000634077	1.42141	1.42141	0.931595	1.00577	1.00577	0.350895	0.937703	-1.06644	0.123096	1.11841	1.11841
cg09479241	TLCD1;TLCD1	0.00305917	0.00067195	0.0960947	-10.4064	0.409549	1.46197	1.46197	0.155298	0.504213	-1.98329	0.913783	1.04998	1.04998	0.000751709	0.100082	-9.99183
cg02662840	TLCD1;TLCD1	0.00716123	0.452325	1.38449	1.38449	0.309683	0.639741	-1.56313	0.455685	0.724095	-1.38103	0.860002	0.927732	-1.0779	0.000111014	0.0556406	-17.9725
cg27118062	TLCD1;TLCD1	0.00855807	0.0839456	1.26009	1.26009	0.58139	1.06964	1.06964	0.0834007	0.793205	-1.26071	0.00725639	0.657899	-1.51999	0.00317227	0.614325	-1.6278
cg07195577	TLCD1;TLCD1	0.0410404	0.00640729	0.241877	-4.13434	0.935254	1.03305	1.03305	0.949184	0.974817	-1.02583	0.421759	0.720068	-1.38876	0.0102657	0.274011	-3.64949
cg23162510	TLCD1;TLCD1;NEK8	7.56E-05	0.633559	0.973653	-1.02706	2.13E-05	1.60955	1.60955	0.0011066	1.30639	1.30639	0.00664613	1.2163	1.2163	0.981545	1.00129	1.00129
cg14438399	TLCD1;TLCD1;TLCD1	0.047145	0.0132822	0.30869	-3.2395	0.139582	0.543872	-1.83867	0.714996	0.868929	-1.15084	0.0321224	0.382273	-2.61593	0.00472725	0.237462	-4.21119
cg26601073	TLCD2	6.14E-06	0.000148518	2.88069	2.88069	4.98E-06	5.41138	5.41138	0.000320892	2.57225	2.57225	0.00017677	2.80563	2.80563	0.000552651	2.38702	2.38702
cg05056305	TLCD2	0.00136981	0.732092	0.938558	-1.06546	0.268948	1.23671	1.23671	5.30E-05	4.02629	4.02629	0.631824	1.09317	1.09317	0.504924	1.13297	1.13297
cg02941376	TLCD2	0.0168622	0.528437	0.947045	-1.05592	0.00120175	1.49804	1.49804	0.00391634	1.39206	1.39206	0.636798	0.960291	-1.04135	0.809464	1.02079	1.02079
cg14430591	TLE1	4.91E-06	2.51E-05	0.578161	-1.72962	0.0100323	0.808318	-1.23714	0.000592886	0.706611	-1.41521	0.000362347	0.687751	-1.45401	2.32E-07	0.361915	-2.76308
cg14623306	TLE1	0.00296951	0.015475	0.507085	-1.97205	0.000311631	0.262653	-3.8073	0.00042535	0.27921	-3.58154	0.151086	0.703456	-1.42155	0.191144	0.728746	-1.37222
cg14154784	TLE1	0.00884486	0.0172965	0.176294	-5.67233	0.041914	0.245735	-4.06942	0.0243556	0.200643	-4.98397	0.00761633	0.128212	-7.79957	0.00140869	0.062819	-15.9187
cg13895650	TLE1	0.0117993	0.116526	0.395208	-2.53032	0.000982269	0.0694323	-14.4025	0.0189474	0.212929	-4.6964	0.086013	0.356048	-2.80861	0.00523939	0.134701	-7.42384
cg08656326	TLE1	0.0223592	0.137383	1.77855	1.77855	0.326841	0.694702	-1.43947	0.382266	0.724364	-1.38052	0.560801	1.23572	1.23572	0.671398	0.857647	-1.16598
cg14545418	TLE1	0.0387331	0.100902	0.509496	-1.96272	0.0269773	0.374172	-2.67256	0.178297	1.71049	1.71049	0.926795	1.03509	1.03509	0.323661	1.46607	1.46607
cg15043720	TLE2	0.000177034	0.000764807	0.453102	-2.20701	0.00896891	1.67547	1.67547	3.92E-05	3.3952	3.3952	0.0129705	1.61419	1.61419	0.0234605	0.656829	-1.52247
cg01521143	TLE2	0.00138972	0.00034951	0.435428	-2.29659	0.951315	0.991207	-1.00887	0.000502619	0.455258	-2.19656	0.61698	1.07566	1.07566	0.00112659	0.499879	-2.00048
cg02383835	TLE2	0.00474662	0.00131659	0.0578563	-17.2842	?	?	?	0.292178	0.532778	-1.87696	0.0954053	0.344721	-2.9009	0.000659547	0.0403737	-24.7686
cg01573288	TLE2	0.00765238	0.133662	1.18625	1.18625	0.754285	0.967393	-1.03371	0.608516	0.946917	-1.05606	0.364925	1.10329	1.10329	0.00430339	1.49641	1.49641
cg03148858	TLE2	0.0147851	0.00483797	0.114897	-8.70343	0.846877	0.894105	-1.11844	0.225735	0.478756	-2.08875	0.0397419	0.252431	-3.96148	0.00221569	0.0835423	-11.97
cg15032957	TLE2	0.0157421	0.00755114	0.195852	-5.10591	0.0476254	0.341456	-2.92863	0.00963675	0.211371	-4.73102	0.0631219	0.371012	-2.69533	0.0045668	0.166714	-5.99828
cg08025415	TLE2	0.019161	0.0513079	0.193889	-5.15758	0.0317137	0.155427	-6.4339	0.00585474	0.0694667	-14.3954	0.146596	0.316044	-3.16412	0.00553187	0.0675236	-14.8096
cg22846506	TLE2	0.025898	0.927935	1.01475	1.01475	0.00107888	0.457684	-2.18491	0.41915	1.143	1.143	0.0604076	1.40897	1.40897	0.42474	1.14109	1.14109
cg24083695	TLE2;TLE2;TLE2	9.44E-05	0.000471996	0.247583	-4.03905	0.904481	0.969949	-1.03098	0.00196963	0.329044	-3.03911	0.317225	0.768915	-1.30053	2.79E-05	0.122906	-8.13627
cg00857137	TLE2;TLE2;TLE2	0.00065789	0.709065	1.07682	1.07682	0.958358	1.01036	1.01036	0.000121548	0.26576	-3.7628	0.260482	1.26081	1.26081	0.00126746	0.39505	-2.53132
cg19400163	TLE2;TLE2;TLE2	0.000818935	0.000574296	0.233007	-4.29172	0.0042519	0.351475	-2.84515	0.0040966	0.349012	-2.86523	0.809358	0.936078	-1.06829	0.000121194	0.159631	-6.26445
cg25644095	TLE2;TLE2;TLE2	0.00337178	0.00526571	0.14235	-7.02495	0.265166	0.540492	-1.85017	0.0197882	0.225143	-4.44163	0.544567	0.722575	-1.38394	0.00198706	0.0988778	-10.1135
cg22984198	TLE2;TLE2;TLE2	0.00347161	0.00331269	0.178086	-5.61526	0.107693	0.46894	-2.13247	0.0022295	0.157611	-6.34472	0.00728998	0.224743	-4.44953	0.000709733	0.108069	-9.25332
cg26717563	TLE2;TLE2;TLE2	0.00360766	0.900786	1.03025	1.03025	0.889138	1.03389	1.03389	0.0445587	0.576265	-1.73531	0.406745	1.22484	1.22484	0.00561026	0.419396	-2.38438
cg17389150	TLE2;TLE2;TLE2	0.0042501	0.0780014	0.4052	-2.46792	0.52515	0.743017	-1.34586	0.0051126	0.18149	-5.50993	0.196636	0.532719	-1.87716	0.000553094	0.0843293	-11.8583
cg16586023	TLE2;TLE2;TLE2	0.0105579	0.0325591	0.213377	-4.68654	0.312702	0.52477	-1.9056	0.107353	0.337847	-2.95992	0.0381101	0.226686	-4.41139	0.00228102	0.0717665	-13.9341
cg05296057	TLE2;TLE2;TLE2	0.0111682	0.0170202	0.190085	-5.2608	0.230661	0.487956	-2.04937	0.0107913	0.160828	-6.21783	0.0369754	0.250992	-3.98419	0.00178769	0.0791513	-12.634
cg19334452	TLE2;TLE2;TLE2	0.0129658	0.295423	1.37355	1.37355	0.845662	0.944586	-1.05866	0.0105837	0.390428	-2.56129	0.624879	0.865759	-1.15506	0.00629194	0.353074	-2.83227
cg07933682	TLE2;TLE2;TLE2	0.035886	0.177306	0.47796	-2.09222	0.179615	2.08304	2.08304	0.177141	0.477809	-2.09288	0.211197	0.507531	-1.97032	0.00624324	0.159608	-6.26537
cg19630841	TLE3;TLE3;TLE3	0.0116876	0.0153584	0.718098	-1.39257	0.203568	1.16111	1.16111	0.595379	1.06147	1.06147	0.555218	1.06868	1.06868	0.770467	0.967961	-1.0331
cg21245875	TLE3;TLE3;TLE3	0.0152882	0.252329	1.34536	1.34536	0.000599475	0.268844	-3.71963	0.321956	0.775809	-1.28898	0.0650115	1.67202	1.67202	0.324965	0.777111	-1.28682
cg23024824	TLE3;TLE3;TLE3	0.0192451	0.765916	1.07592	1.07592	0.285806	1.31218	1.31218	0.0285368	1.88383	1.88383	0.0885637	1.58481	1.58481	0.00235384	0.353429	-2.82943
cg08688393	TLE3;TLE3;TLE3	0.0195159	0.272064	0.620467	-1.61169	0.00261248	5.69898	5.69898	0.0393726	2.70482	2.70482	0.700464	1.17512	1.17512	0.0194771	0.307589	-3.25109
cg26827081	TLE3;TLE3;TLE3	0.0214259	0.760163	1.03686	1.03686	0.00483716	0.642852	-1.55557	0.482361	0.91905	-1.08808	0.896111	0.984674	-1.01556	0.459793	0.914865	-1.09306
cg20380368	TLE3;TLE3;TLE3	0.0245544	0.1451	1.78327	1.78327	0.0245442	2.69162	2.69162	0.294568	1.49462	1.49462	0.0795078	2.05344	2.05344	0.0243853	0.370964	-2.69568
cg10381071	TLE3;TLE3;TLE3	0.0331269	0.037289	2.55494	2.55494	0.502586	0.767947	-1.30217	0.874607	1.0632	1.0632	0.0354655	2.58606	2.58606	0.420113	0.72641	-1.37663

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09070415	0.0993902	1.27142	1.27142	1.21E-05	0.292555	-3.41816	0.000142792	0.418201	-2.39119	0.00061893	0.496343	-2.01474	34.0674	9.53718	0.248845	1
cg23726483	0.106545	0.626892	-1.59517	0.00616248	0.387984	-2.57743	0.00226477	0.322408	-3.10166	0.0289711	0.505485	-1.9783	7.52832	8.37234	0.988543	1
cg16103203	0.236366	0.7281	-1.37344	0.0264733	0.510247	-1.95984	0.00434869	0.377388	-2.64979	0.437432	0.816618	-1.22456	6.59312	6.82964	0.920777	1
cg12206571	0.0179992	4.95566	4.95566	0.0166024	5.09941	5.09941	0.00716929	6.91215	6.91215	0.0384406	3.80228	3.80228	6.29264	30.9065	4.36581	1
cg17945560	0.13464	0.413318	-2.41944	0.790974	1.15662	1.15662	0.0203438	4.62674	4.62674	0.04744	3.46304	3.46304	4.37185	20.7748	4.22395	1
cg00541683	0.247476	1.43955	1.43955	0.509803	0.817536	-1.22319	0.207187	1.493	1.493	0.0117261	2.58235	2.58235	3.85151	5.53782	1.27807	1
cg16402766	0.0537615	0.824272	-1.21319	1.05E-05	0.435653	-2.29541	0.133523	1.15351	1.15351	0.134133	1.15321	1.15321	14.1105	1.74019	0.109623	1
cg23376012	0.00265675	0.534165	-1.87208	0.0403266	0.699548	-1.42949	0.00727573	0.59319	-1.6858	0.86039	1.02691	1.02691	8.17546	2.94673	0.320387	1
cg14361085	0.270689	1.20103	1.20103	0.0185658	0.633854	-1.57765	0.0754535	1.37179	1.37179	0.095974	1.33914	1.33914	4.46012	1.80221	0.359175	1
cg01711986	0.224577	1.16819	1.16819	0.287861	1.14393	1.14393	0.0680884	1.28272	1.28272	0.42377	0.905238	-1.10468	3.67674	0.864771	0.209067	1
cg02271180	0.110572	1.60727	1.60727	6.24E-07	0.0240461	-41.5868	0.938122	0.979034	-1.02142	0.229655	1.41057	1.41057	25.6204	30.2231	1.04858	1
cg18284523	0.0377261	0.922098	-1.08448	0.000678129	1.19102	1.19102	0.000590912	1.19552	1.19552	0.171933	1.05015	1.05015	23.3371	0.41858	0.0159434	1
cg09226756	0.3843	1.16415	1.16415	0.835705	1.03602	1.03602	0.415629	1.1523	1.1523	0.0580266	1.4406	1.4406	3.70493	1.70341	0.408684	1
cg24371217	0.303522	0.770164	-1.29842	0.769079	0.9304	-1.07481	0.591866	1.14182	1.14182	0.215138	0.726339	-1.37677	3.41079	3.24387	0.845386	1
cg24262469	0.12255	1.28174	1.28174	0.00063111	0.458765	-2.17977	5.45E-06	4.5972	4.5972	0.117504	0.777093	-1.28685	24.3906	8.50045	0.30979	1
cg07574216	0.86565	0.957043	-1.04488	0.000238095	0.206382	-4.84539	0.000281279	0.214472	-4.66261	0.0348121	0.528418	-1.89244	11.6967	12.4547	0.946491	1
cg01773831	0.60075	0.933855	-1.07083	0.426761	0.900171	-1.1109	0.248515	0.85527	-1.16922	0.624564	1.06601	1.06601	7.27067	1.93419	0.236469	1
cg06068627	0.00202442	0.0102551	-97.5129	?	?	?	0.486562	2.10381	2.10381	?	?	?	4.3585	50.9334	15.5813	1
cg22114222	0.907186	1.01362	1.01362	0.113164	0.818761	-1.22136	0.483122	1.08618	1.08618	0.566501	1.06951	1.06951	6.02697	1.28409	0.189384	1
cg13024538	0.00345668	0.234866	-4.25775	0.0471191	2.29118	2.29118	0.948509	1.02385	1.02385	0.629906	1.19384	1.19384	17.6525	37.2302	1.87473	1
cg11164506	0.163194	0.563676	-1.77407	0.000961266	0.150475	-6.64564	0.0036075	0.219226	-4.56151	0.00945258	0.281716	-3.54967	11.3295	26.6216	2.08867	1
cg12541836	0.974878	1.00874	1.00874	0.768214	0.921564	-1.08511	0.0361006	0.509826	-1.96145	0.324748	0.754977	-1.32454	3.58606	4.33873	1.07546	1
cg22343980	0.00190565	0.31921	-3.13273	0.00665639	0.400803	-2.49499	0.21435	0.712174	-1.40415	0.221733	1.39582	1.39582	6.40269	6.83657	0.949125	1
cg04846842	0.829454	0.970832	-1.03004	0.00318969	1.73768	1.73768	0.0345016	0.712948	-1.40263	0.0534987	0.740118	-1.35114	4.89257	1.45916	0.265102	1
cg19240021	0.041189	1.52739	1.52739	0.472948	1.14027	1.14027	0.023182	0.6138	-1.6292	0.449749	0.870665	-1.14855	4.54149	2.3258	0.45522	1
cg04245374	0.968789	1.00901	1.00901	0.0356064	1.75201	1.75201	0.00693664	2.22764	2.22764	0.776076	1.06756	1.06756	3.50523	2.91782	0.739927	1
cg09036154	3.43E-05	0.42403	-2.35832	0.0245663	1.33177	1.33177	0.0156	1.37334	1.37334	0.137301	1.18677	1.18677	18.3102	3.31965	0.161156	1
cg26202340	0.0824439	1.45941	1.45941	0.944875	0.986503	-1.01368	0.82389	1.04478	1.04478	0.0587903	1.52114	1.52114	8.90915	5.44917	0.543677	1
cg15932284	0.494545	0.792356	-1.26206	0.949951	0.979159	-1.02128	0.158577	0.603103	-1.65809	0.0100986	0.336537	-2.97144	7.59793	13.5472	1.5849	1
cg14755009	0.38769	1.10593	1.10593	0.000343327	0.519204	-1.92603	0.266159	1.14084	1.14084	0.323217	1.12304	1.12304	7.21566	1.47802	0.182076	1
cg02973469	0.271785	0.741131	-1.34929	0.00202139	0.319714	-3.12779	0.905989	0.969535	-1.03142	0.804978	1.06693	1.06693	4.42451	4.80546	0.965423	1
cg21117426	0.0555726	0.474332	-2.10823	0.895734	1.04611	1.04611	0.651149	1.1694	1.1694	0.394356	0.74087	-1.34977	3.6658	6.86226	1.66397	1
cg13986503	0.0621279	0.7104	-1.40766	0.000448536	0.406062	-2.46268	0.432012	0.877602	-1.13947	0.22654	1.22965	1.22965	4.45489	1.87025	0.373174	1
cg14009632	0.53096	1.17699	1.17699	0.586568	0.8685	-1.15141	0.0670428	0.590336	-1.69395	0.91886	0.974176	-1.02651	5.87378	6.13285	0.928094	1
cg06608166	0.0625132	0.56468	-1.77091	0.230572	0.70972	-1.40901	0.242354	0.716358	-1.39595	0.621818	1.14517	1.14517	3.52007	4.1435	1.04632	1
cg01046798	3.25E-05	0.331713	-3.01466	0.55973	1.0839	1.0839	0.0619692	1.33256	1.33256	0.136879	1.2447	1.2447	39.0047	11.5276	0.262706	1
cg10653339	0.417681	1.15736	1.15736	0.0641506	1.4435	1.4435	0.0304122	1.56668	1.56668	0.219112	1.25615	1.25615	7.29807	3.59902	0.438352	1
cg26291698	0.828407	1.0294	1.0294	0.000371705	0.467593	-2.13861	0.568677	0.925987	-1.07993	0.511838	1.09287	1.09287	5.18661	1.46343	0.250804	1
cg12685846	0.354317	0.869336	-1.1503	0.000593775	0.458779	-2.1797	0.0456835	0.714149	-1.40027	0.816559	0.966432	-1.03473	12.9526	4.42942	0.303976	1
cg12400336	0.508441	1.28741	1.28741	0.641523	0.838136	-1.19312	0.495447	1.2978	1.2978	0.298122	1.50106	1.50106	11.5826	26.0164	1.99659	1
cg09812397	0.357149	0.714003	-1.40055	0.000101726	0.0863977	-11.5744	0.808187	1.09037	1.09037	0.00999293	0.314426	-3.1804	11.4552	22.9562	1.78133	1
cg16225947	0.00117427	0.23985	-4.16927	0.590103	1.1771	1.1771	0.713379	1.11696	1.11696	0.0129743	0.396746	-2.52051	9.28942	13.2258	1.26555	1
cg19781053	0.00567683	0.373317	-2.67869	0.00607193	0.37795	-2.64585	0.432298	0.804421	-1.24313	0.0752478	0.58397	-1.71242	4.47227	5.22358	1.03821	1
cg04022063	1.48E-05	0.0359365	-27.8269	0.315629	0.681379	-1.46761	0.0735487	2.09104	2.09104	0.0206963	0.356997	-2.80114	13.4454	25.878	1.92467	1
cg13522776	0.00397752	0.381933	-2.61826	0.00573803	0.406523	-2.45989	0.272923	0.753039	-1.32795	0.000208908	0.213912	-4.67482	14.5124	14.2021	0.869883	1
cg14095983	0.715776	1.04481	1.04481	0.00072183	0.53971	-1.85285	0.0336121	0.742638	-1.34655	0.717691	0.957405	-1.04449	4.83674	1.10101	0.202341	1
cg13920460	0.0691482	0.499949	-2.00021	0.414001	1.32935	1.32935	0.25995	0.669913	-1.49273	0.0931752	0.532789	-1.87692	3.71624	6.84056	1.63619	1
cg09272909	0.414394	1.15543	1.15543	0.00351922	0.503949	-1.98433	0.0786025	1.40253	1.40253	0.636794	0.920939	-1.08585	3.52449	1.67377	0.42213	1
cg02775489	0.0124562	1.63163	1.63163	4.39E-07	0.105288	-9.49772	0.645206	1.07572	1.07572	0.299986	0.844419	-1.18425	30.7805	12.084	0.348965	1
cg13651833	0.723346	0.966154	-1.03503	0.989947	0.99878	-1.00122	0.360772	1.09528	1.09528	0.00273048	1.49297	1.49297	7.46937	1.11017	0.132115	1
cg17195771	0.575404	1.07116	1.07116	0.0682232	0.780327	-1.28151	0.0577678	1.29773	1.29773	0.0121542	1.4618	1.4618	3.78277	0.884078	0.207744	1
cg21209691	0.000525019	0.516959	-1.93439	3.69E-07	0.167761	-5.96087	0.197668	0.846833	-1.18087	0.0104509	0.674656	-1.48224	35.9752	8.49322	0.209854	1
cg01548562	0.000645148	0.508823	-1.96532	1.82E-06	0.215703	-4.636	0.00172351	0.56147	-1.78104	0.000249917	0.458458	-2.18122	33.41	8.81439	0.234511	1
cg08193551	0.077261	0.740108	-1.35115	6.60E-05	0.294258	-3.39838	0.14673	0.788754	-1.26782	0.015152	0.628298	-1.5916	23.3166	8.20995	0.273861	1
cg14075627	0.0463311	0.706479	-1.41547	0.000730367	2.18518	2.18518	0.00470551	1.77149	1.77149	0.0183555	1.54597	1.54597	8.05817	2.95779	0.326271	1
cg11335767	0.00426361	0.465339	-2.14897	0.87639	0.96934	-1.03163	0.0854097	0.683589	-1.46287	0.0287022	0.596778	-1.67566	21.3051	13.5036	0.563398	1
cg16887110	0.00933922	1.33798	1.33798	0.0839156	1.18401	1.18401	0.0126448	0.760511	-1.31491	0.286655	0.906908	-1.10265	6.13824	0.758224	0.1098	1
cg00798601	0.177888	0.817397	-1.2234	0.00111281	1.96691	1.96691	0.330685	0.86818	-1.15184	0.448375	1.11495	1.11495	5.70129	1.79091	0.279222	1
cg27022827	0.955057	1.02579	1.02579	0.00435233	0.178864	-5.59084	0.0546397	0.373503	-2.67736	0.0921644	0.432811	-2.31048	4.68242	15.1353	2.87321	1
cg02707222	0.0280363	0.339136	-2.94867	0.0270299	0.335919	-2.97691	0.0237515	0.324759	-3.0792	0.0998024	0.471638	-2.12027	4.49532	12.362	2.44441	1
cg13569431	0.0500621	0.0772391	-12.9468	0.0142065	0.0312059	-32.0452	0.029242	0.0526434	-18.9957	0.0740531	0.102108	-9.79352	4.0244	83.7303	18.4939	1
cg12850636	0.0550208	0.1688	-5.92417	0.00719738	0.0586218	-17.0585	0.130928	0.263514	-3.79487	0.0820141	0.206868	-4.83399	3.89656	41.264	9.41321	1
cg01583514	0.0402387	0.484752	-2.06291	0.253251	1.43991	1.43991	0.0386873	2.07837	2.07837	0.227354	0.678944	-1.47288	3.48689	5.15552	1.31426	1
cg18767057	0.569317	0.874601	-1.14338	0.0789207	0.634751	-1.57542	0.218535	0.739703	-1.35189	0.010944	0.475224	-2.10427	3.93781	3.38492	0.764086	1
cg03291825	0.16311	0.600237	-1.66601	0.0292375	0.414448	-2.41285	0.987081	0.994464	-1.00557	0.146066	0.585642	-1.70753	4.66915	8.69379	1.65508	1
cg20104688	0.0352057	0.694789	-1.43929	0.187404	0.812686	-1.23049	0.63398	0.931271	-1.0738	0.319805	1.16487	1.16487	3.85421	1.34515	0.31023	1
cg26538590	0.821265	0.933341	-1.07142	0.00234877	0.27411	-3.64817	0.0223941	0.434256	-2.30279	0.437489	0.785479	-1.27311	8.37713	12.331	1.30843	1
cg03448915	0.293254	0.576427	-1.73483	0.000532497	0.0655661	-15.2518	0.0490345	3.11266	3.11266	0.932918	0.958353	-1.04346	8.01898	32.4263	3.59439	1
cg07127456	0.42818	0.783837	-1.27578	0.0043091	0.316892	-3.15565	0.0277571	2.1886	2.1886	0.959065	1.01557	1.01557	6.67003	9.57718	1.27631	1
cg09238666	0.119335	1.92237	1.92237	0.676714	0.850327	-1.17602	0.199913	1.68809	1.68809	0.771602	1.11912	1.11912	5.32587	12.6111	2.10479	1
cg07512993	0.247314	0.712655	-1.4032	0.0465417	0.528138	-1.89344	0.100329	1.65561	1.65561	0.088398	0.590678	-1.69297	4.78212	5.94009	1.10413	1
cg01758899	0.724852	1.11724	1.11724	0.289108	0.708075	-1.41228	0.00515198	3.18645	3.18645	0.92959	0.972656	-1.02811	3.74512	5.83738	1.38548	1
cg10472651	0.109333	0.51327	-1.94829	0.087419	0.486347	-2.05614	0.84706	1.07655	1.07655	0.0561427	0.437653	-2.28492	3.43182	7.93179	2.05444	1
cg16376828	0.00914515	1.93456	1.93456	0.126134	0.719033	-1.39076	0.515897	0.876952	-1.14031	0.163737	1.34477	1.34477	13.0972	8.24089	0.559297	1
cg00223877	0.902747	0.981292	-1.01906	4.89E-06	5.01011	5.01011	0.240633	0.827135	-1.20899	0.521253	1.10566	1.10566	20.2516	7.65504	0.335997	1
cg07918978	0.808427	1.05368	1.05368	0.000233417	3.72082	3.72082	0.0318629	1.71848	1.71848	0.101888	1.47027	1.47027	12.2291	8.97525	0.652379	1
cg24969254	0.00332508	0.572287	-1.74738	0.0111308	1.55946	1.55946	0.851947	0.974251	-1.02643	0.454192	0.899023	-1.11232	11.8351	3.65411	0.274447	1
cg16894138	0.0910238	1.6607	1.6607	0.0421453	1.89256	1.89256	0.000952098	3.82612	3.82612	0.519694	1.19463	1.19463	4.03538	4.74515	1.04523	1
cg14939691	0.0918821	0.887761	-1.12643	0.00129658	0.740342	-1.35073	0.00693288	1.25127	1.25127	0.841576	1.01292	1.01292	6.53607	0.426075	0.0579451	1
cg26803301	0.000208379	0.0824643	-12.1265	6.47E-05	0.0523036	-19.1191	2.80E-05	0.0363476	-27.5121	0.00483174	0.222477	-4.49486	20.961	53.6664	2.27583	1
cg00279529	0.0124194	0.204178	-4.89768	5.24E-05	0.0210696	-47.4618	0.000277597	0.0479429	-20.8581	0.0666776	0.349976	-2.85734	12.5179	51.6892	3.67043	1
cg15812025	0.00194613	0.126066	-7.93233	0.000326032	0.0642603	-15.5617	0.000178507	0.0497877	-20.0853	0.0103269	0.2172	-4.60404	12.0004	42.4433	3.14384	1
cg04186471	0.0224687	0.184113	-5.43143	0.456123	0.62513	-1.59967	0.0008053	0.043722	-22.8718	0.0112243	0.139957	-7.14506	5.84734	35.4793	5.39341	1
cg22451002	0.0157709	0.098674	-10.1344	0.0115229	0.0842562	-11.8686	0.00618578	0.0611009	-16.3664	0.105331	0.250239	-3.99617	4.72228	45.84	8.62859	1
cg17933493	0.0428937	0.404439	-2.47256	0.000512876	0.121614	-8.22272	0.0789853	0.468733	-2.13341	0.320323	0.671044	-1.49022	8.64461	20.6621	2.1246	1
cg18721956	0.237526	0.536613	-1.86354	0.00227498	0.116808	-8.56106	0.230666	0.531228	-1.88243	0.48063	1.43427	1.43427	6.0895	24.4063	3.56261	1
cg24187269	0.0449576	0.255427	-3.91502	0.00479357	0.108573	-9.21036	0.0168014	0.177168	-5.64436	0.163358	0.413798	-2.41664	4.65069	25.9122	4.95261	1
cg18771512	0.0708346	0.277469	-3.60401	0.00236585	0.0676725	-14.7771	0.0207609	0.170652	-5.85989	0.525175	0.664342	-1.50525	4.37384	27.9459	5.6794	1
cg02469604	0.05298	0.23041	-4.34009	0.00395795	0.0752548	-13.2882	0.0165416	0.141667	-7.0588	0.0799227	0.273349	-3.65833	4.24624	29.9634	6.27242	1
cg06152508	0.0184355	0.234726	-4.26029	0.0128989	0.209087	-4.78271	0.313675	0.589626	-1.69599	0.0725979	2.76075	2.76075	4.43313	18.0444	3.61808	1
cg00917094	0.0309153	1.4072	1.4072	1.62E-06	0.196538	-5.08807	0.557211	0.92309	-1.08332	7.49E-05	0.379406	-2.6357	45.7609	13.1704	0.255831	1
cg12267786	0.000186201	0.181042	-5.52359	0.0044044	2.80033	2.80033	0.982113	1.00609	1.00609	0.0304134	0.501997	-1.99204	10.0441	11.6715	1.03291	1
cg01225525	0.0359591	0.155596	-6.42691	0.00803125	0.075037	-13.3268	0.24311	0.394004	-2.53804	0.0208557	0.119967	-8.33564	3.47091	31.9639	8.18586	1
cg23210938	0.243687	1.38075	1.38075	0.00222846	3.10471	3.10471	0.0314225	1.94945	1.94945	0.293146	0.749432	-1.33434	4.25504	4.71436	0.984842	1
cg14136096	0.000616373	0.731536	-1.36699	6.71E-06	0.552656	-1.80944	0.12064	1.10496	1.10496	0.000854346	1.34589	1.34589	22.7003	1.26403	0.0494965	1
cg00355089	0.303065	0.931027	-1.07408	0.00188172	0.744346	-1.34346	0.121904	0.893753	-1.11888	0.00621588	1.26995	1.26995	9.33988	0.663892	0.0631835	1
cg09479241	0.0654503	0.394125	-2.53726	0.0121161	0.244562	-4.08894	0.00311289	0.161879	-6.17746	0.0272883	0.308457	-3.24194	8.50864	27.3243	2.85454	1
cg02662840	0.0296464	0.336943	-2.96786	0.631713	1.22777	1.22777	0.675996	1.19553	1.19553	0.600782	0.799041	-1.2515	6.56828	18.7816	2.54172	1
cg27118062	0.00375655	0.623197	-1.60463	0.0358908	0.744462	-1.34325	0.795606	1.03188	1.03188	0.341404	0.888241	-1.12582	6.21064	1.43745	0.205733	1
cg07195577	0.316034	0.66045	-1.51412	0.0834383	0.464498	-2.15286	0.0159279	0.30689	-3.2585	0.0782601	0.457106	-2.18768	3.64841	9.25329	2.25445	1
cg23162510	0.000196802	1.41614	1.41614	0.000101894	0.68207	-1.46612	0.831552	1.01191	1.01191	0.0748724	1.1166	1.1166	23.8596	1.16788	0.0435096	1
cg14438399	0.0704698	0.460934	-2.16951	0.114887	0.518513	-1.92859	0.0984862	0.499497	-2.00201	0.155761	0.558879	-1.7893	3.46439	8.05251	2.0661	1
cg26601073	9.00E-06	4.76075	4.76075	1.25E-06	7.57693	7.57693	4.11E-06	5.65318	5.65318	0.00176078	2.06087	2.06087	46.0369	19.1996	0.370709	1
cg05056305	0.00349527	2.07744	2.07744	0.263178	1.24017	1.24017	0.000657565	2.61989	2.61989	0.0332507	1.58283	1.58283	10.7566	5.80075	0.479354	1
cg02941376	0.622355	1.0432	1.0432	0.334966	1.0884	1.0884	0.0502411	1.20943	1.20943	0.662558	0.963284	-1.03812	4.98303	0.572757	0.10217	1
cg14430591	0.523839	0.958585	-1.0432	0.05981	1.14919	1.14919	0.000718225	0.713849	-1.40086	4.83E-06	0.504559	-1.98193	48.7687	3.31127	0.0603532	1
cg14623306	0.0867419	0.648876	-1.54113	0.0326388	0.564619	-1.7711	0.00339312	0.402276	-2.48586	0.123109	0.682571	-1.46505	8.58414	7.10609	0.735836	1
cg14154784	0.0346701	0.228978	-4.36723	0.0744687	0.304345	-3.28575	0.00388079	0.0974805	-10.2585	0.0160551	0.171361	-5.83563	6.14617	34.8807	5.04461	1
cg13895650	0.0696771	0.331428	-3.01725	0.129493	0.409975	-2.43918	0.00663904	0.146943	-6.80537	0.0883102	0.359267	-2.78344	5.60406	26.2997	4.17153	1
cg08656326	0.184541	0.602613	-1.65944	0.00228152	4.64271	4.64271	0.687142	1.15685	1.15685	0.00799018	3.39878	3.39878	4.52869	9.28855	1.82315	1
cg14545418	0.0912253	0.497496	-2.01007	0.00899276	0.287448	-3.47889	0.876763	0.943419	-1.05997	0.0378045	0.404924	-2.4696	3.72696	8.31494	1.98313	1
cg15043720	0.0968535	0.75351	-1.32712	0.0010303	0.469934	-2.12796	0.855789	1.02865	1.02865	0.208866	0.814064	-1.2284	18.9881	7.25191	0.339483	1
cg01521143	0.518679	0.909704	-1.09926	0.0105634	0.627989	-1.59238	0.00458534	0.57934	-1.7261	0.861035	1.02567	1.02567	10.7122	3.54947	0.294533	1
cg02383835	0.00365063	0.0937973	-10.6613	0.467597	0.654056	-1.52892	0.0168613	0.178287	-5.60893	0.0255412	0.209629	-4.77033	8.83108	39.9443	3.95776	1
cg01573288	0.458981	1.08287	1.08287	0.00025313	1.89038	1.89038	0.575107	1.06162	1.06162	0.0300979	1.30906	1.30906	6.43332	1.1358	0.156933	1
cg03148858	0.395393	0.604143	-1.65524	0.00929288	0.147974	-6.75793	0.0158702	0.180791	-5.53124	0.0690574	0.307948	-3.2473	5.20546	27.6361	4.71917	1
cg15032957	0.144207	0.475144	-2.10462	0.0378665	0.319147	-3.13335	0.00483283	0.169813	-5.88883	0.103897	0.430208	-2.32446	5.09845	18.169	3.16768	1
cg08025415	0.0196742	0.124547	-8.02911	0.0228916	0.133659	-7.4817	0.0132304	0.103301	-9.68048	0.0757174	0.231899	-4.31223	4.77342	41.3173	7.69395	1
cg22846506	0.429205	1.13959	1.13959	0.642832	1.07854	1.07854	0.148309	1.28538	1.28538	0.52444	0.90083	-1.11009	4.30398	1.78694	0.369051	1
cg24083695	0.00046709	0.247033	-4.04804	1.78E-05	0.107657	-9.28873	0.000389884	0.237621	-4.20837	0.00206347	0.331908	-3.01288	22.4858	23.0039	0.909369	1
cg00857137	0.286326	0.803613	-1.24438	0.000579303	0.349568	-2.86068	0.00450094	0.473446	-2.11217	0.0415103	1.59067	1.59067	13.2389	8.17533	0.54891	1
cg19400163	0.58411	0.859782	-1.16309	0.00040675	0.215356	-4.64348	0.0438833	0.531004	-1.88322	0.0114597	0.421225	-2.37403	12.4498	14.7277	1.05152	1
cg25644095	0.00411282	0.130119	-7.6853	0.00578323	0.147225	-6.79233	0.000407318	0.0509883	-19.6123	0.0930568	0.375694	-2.66174	8.26552	36.75	3.95216	1
cg22984198	0.00901183	0.238755	-4.1884	0.601271	0.796562	-1.2554	0.00298707	0.172557	-5.79519	0.132699	0.496662	-2.01344	8.19375	24.1489	2.61977	1
cg26717563	0.520419	0.855834	-1.16845	0.00391788	2.5289	2.5289	0.000987228	0.310363	-3.22203	0.0733011	1.61161	1.61161	8.09997	7.32542	0.803889	1
cg17389150	0.00930424	0.218275	-4.58137	0.591936	0.779106	-1.28352	0.000694194	0.0918555	-10.8867	0.0541027	0.364784	-2.74135	7.71001	25.9848	2.99579	1
cg16586023	0.030063	0.206921	-4.83276	0.00395115	0.0912931	-10.9537	0.002255	0.0713987	-14.0059	0.0981798	0.326275	-3.0649	5.80867	35.0734	5.36721	1
cg05296057	0.00984166	0.15541	-6.43459	0.0364788	0.24979	-4.00336	0.00508989	0.120913	-8.27042	0.124739	0.387379	-2.58145	5.70455	29.4174	4.58384	1
cg19334452	0.00315256	0.307191	-3.2553	0.0848259	0.572641	-1.74629	0.0315234	0.478209	-2.09114	0.300617	1.36856	1.36856	5.43482	7.36542	1.20465	1
cg07933682	0.0371343	0.287689	-3.47598	0.222415	0.516763	-1.93512	0.0077646	0.17203	-5.81294	0.532479	0.722149	-1.38476	3.83225	16.0885	3.73172	1
cg19630841	0.0237763	0.740562	-1.35033	0.0014511	0.599236	-1.66879	0.0753094	1.24659	1.24659	0.445798	1.09036	1.09036	5.62135	1.10299	0.174413	1
cg21245875	0.65347	0.893941	-1.11864	0.762078	0.927435	-1.07824	0.0734164	0.609428	-1.64088	0.343633	1.27384	1.27384	5.14818	5.01863	0.866521	1
cg23024824	0.225761	1.36585	1.36585	0.283081	0.760828	-1.31436	0.814179	0.943928	-1.0594	0.0782811	0.61915	-1.61512	4.76635	4.53438	0.845628	1
cg08688393	0.91221	0.955002	-1.04712	0.402987	0.699569	-1.42945	0.10184	2.11198	2.11198	0.615472	0.809431	-1.23544	4.74385	13.0943	2.45357	1
cg26827081	0.131298	1.21241	1.21241	0.0031905	1.60967	1.60967	0.335089	1.12471	1.12471	0.659942	1.05374	1.05374	4.59538	1.01729	0.196774	1
cg20380368	0.0604426	2.18735	2.18735	0.0875489	2.00814	2.00814	0.0154889	2.99764	2.99764	0.0425458	2.37098	2.37098	4.38454	9.48978	1.92388	1
cg10381071	0.12107	1.92002	1.92002	0.0081585	0.268772	-3.72063	?	?	?	0.946159	0.974133	-1.02655	4.0095	8.49988	2.11993	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15283164	TLE3;TLE3;TLE3	0.0395355	0.726816	0.928068	-1.07751	0.0283695	0.576518	-1.73455	0.769805	0.939458	-1.06444	0.223337	1.31299	1.31299	0.179725	0.738401	-1.35428	0.581961	1.12562	1.12562	0.00287898	2.39277	2.39277	0.49487	0.862845	-1.15896	0.999325	1.00018	1.00018	3.699	2.65374	0.637706	1
cg09983243	TLE3;TLE3;TLE3	0.0396907	0.0310102	0.706668	-1.41509	0.713935	0.95077	-1.05178	0.142291	1.24146	1.24146	0.101544	1.27865	1.27865	0.982413	1.00303	1.00303	0.441136	0.897894	-1.11372	0.0259228	0.695896	-1.437	0.0194895	1.47281	1.47281	0.596981	1.07591	1.07591	3.69368	1.09984	0.264678	1
cg07020846	TLE3;TLE3;TLE3	0.0401715	0.00597767	0.43499	-2.2989	0.621615	1.12215	1.12215	0.0168662	1.96474	1.96474	0.682361	1.10001	1.10001	0.0797942	1.56887	1.56887	0.211096	0.736961	-1.35692	0.489107	1.17678	1.17678	0.526983	1.16008	1.16008	0.995275	0.998629	-1.00137	3.67733	3.12536	0.755465	1
cg00394793	TLE3;TLE3;TLE3	0.0470714	?	?	?	0.936694	1.02972	1.02972	0.500821	0.777276	-1.28655	0.0427557	0.423166	-2.36314	0.145282	1.78013	1.78013	?	?	?	0.735483	0.882467	-1.13319	0.924846	1.0354	1.0354	0.00430533	0.244736	-4.08603	3.5835	6.00194	1.91415	1
cg05572153	TLE3;TLE3;TLE3;TLE3;TLE3;TLE3	0.0433562	0.37393	1.19824	1.19824	0.0178866	0.565355	-1.7688	0.672702	0.919251	-1.08784	0.782416	0.94662	-1.05639	0.0030978	0.448443	-2.22994	0.152951	0.738384	-1.35431	0.0861042	0.686749	-1.45614	0.388059	0.839207	-1.1916	0.454671	1.16288	1.16288	3.57486	2.22307	0.552767	1
cg13598109	TLE4	0.00688703	0.204365	0.710358	-1.40774	0.00238994	0.339342	-2.94688	0.583028	1.15207	1.15207	0.810639	1.06321	1.06321	0.252125	0.736787	-1.35724	0.0162436	0.472123	-2.11809	0.0541224	0.572282	-1.74739	0.00210837	0.331546	-3.01617	0.0326345	1.89346	1.89346	6.64874	6.86509	0.917812	1
cg17461735	TLE4	0.00820584	0.299355	0.675551	-1.48027	0.45579	1.31916	1.31916	0.0746562	2.06288	2.06288	0.778562	0.902308	-1.10827	0.452603	0.756518	-1.32185	0.352103	1.41792	1.41792	0.0862999	0.501055	-1.99579	0.000273436	8.7963	8.7963	0.147321	0.567213	-1.763	6.29359	13.2547	1.87206	1
cg14088589	TLE4	0.00938565	0.103676	1.602	1.602	0.0627567	0.574361	-1.74107	0.161736	0.673215	-1.48541	0.437865	1.23314	1.23314	0.869348	1.04456	1.04456	0.657235	0.88846	-1.12554	0.000215077	0.194765	-5.13439	0.862735	0.955207	-1.04689	0.777801	1.0778	1.0778	6.03141	6.69901	0.987278	1
cg14117044	TLE4	0.0123226	0.942547	1.00766	1.00766	0.0093158	0.705205	-1.41803	0.55057	0.938055	-1.06604	0.0223455	0.748375	-1.33623	0.0163671	1.36441	1.36441	0.170225	0.856703	-1.16727	0.0124329	1.39012	1.39012	0.769067	0.969308	-1.03166	0.121746	1.19437	1.19437	5.52568	0.981181	0.157838	1
cg05989460	TLE4	0.0189103	0.861595	0.985335	-1.01488	0.0612073	0.836453	-1.19552	0.136836	0.873125	-1.14531	0.629067	1.04207	1.04207	0.0633133	1.1934	1.1934	0.978423	1.00229	1.00229	0.000894467	0.656346	-1.52359	0.455958	1.06639	1.06639	0.405625	1.07469	1.07469	4.79472	0.544274	0.100902	1
cg17235610	TLE4;TLE4	0.0100937	0.00128446	0.374708	-2.66874	0.978423	1.00567	1.00567	0.0343218	1.67593	1.67593	0.259452	0.781882	-1.27897	0.797353	0.947605	-1.05529	0.587284	0.891702	-1.12145	0.726711	1.07615	1.07615	0.00212788	0.405388	-2.46677	0.891817	0.97194	-1.02887	5.89301	4.08276	0.615835	1
cg13885343	TLE4;TLE4	0.0295103	0.144863	0.797272	-1.25428	0.409758	0.885168	-1.12973	0.827582	0.968932	-1.03206	0.00130593	0.508012	-1.96846	0.0141069	0.645102	-1.55014	0.800506	1.03732	1.03732	0.362804	0.873426	-1.14492	0.824598	1.03264	1.03264	0.0400306	0.70937	-1.4097	4.11076	1.36302	0.294732	1
cg00867461	TLE6;TLE6	0.0116653	0.0660775	0.357509	-2.79713	0.424868	1.50165	1.50165	0.0443587	0.315966	-3.1649	0.623535	1.27994	1.27994	0.00808037	0.18409	-5.43211	0.60135	0.768754	-1.30081	0.0159063	0.229219	-4.36264	0.00089156	0.083531	-11.9716	0.239733	0.541098	-1.84809	5.62483	22.1719	3.50382	1
cg27262735	TLE6;TLE6	0.0186346	0.0992198	0.674954	-1.48158	0.00917175	2.05382	2.05382	0.0273403	0.56672	-1.76454	0.75175	0.9333	-1.07147	0.020843	0.546091	-1.8312	0.0733046	1.54403	1.54403	0.0738455	0.648301	-1.54249	0.674374	0.912182	-1.09627	0.481608	1.16834	1.16834	4.81856	3.61066	0.666065	1
cg08794763	TLE6;TLE6	0.0258626	0.0315015	2.32455	2.32455	0.0359794	0.442269	-2.26107	0.009117	0.330269	-3.02784	0.151779	1.6712	1.6712	0.167599	0.611462	-1.63542	0.288355	0.691689	-1.44574	0.0350994	0.439996	-2.27275	0.419479	0.758919	-1.31766	0.296261	0.696153	-1.43647	4.30603	7.62728	1.57449	1
cg04377525	TLE6;TLE6	0.029304	0.658327	0.945425	-1.05773	0.106142	0.800495	-1.24923	0.57097	0.930338	-1.07488	0.542106	1.08093	1.08093	0.0720925	0.776354	-1.28807	0.548969	0.926382	-1.07947	0.00053299	0.506678	-1.97364	0.267264	0.864384	-1.15689	0.35138	0.886084	-1.12856	4.121	1.03784	0.22386	1
cg22142686	TLE6;TLE6	0.0297146	0.62182	1.06922	1.06922	0.839315	1.02771	1.02771	0.787247	0.964239	-1.03709	0.414152	1.11894	1.11894	0.901851	1.01675	1.01675	0.639556	0.938476	-1.06556	0.000603516	0.490639	-2.03816	0.654238	1.06257	1.06257	0.176016	1.2137	1.2137	4.10072	1.17698	0.255127	1
cg14270989	TLE6;TLE6	0.0340487	0.0630606	0.34072	-2.93496	0.15469	0.456397	-2.19107	0.0251023	0.253602	-3.94319	0.0763385	0.362268	-2.76038	0.0437996	0.303225	-3.29788	0.168366	0.469591	-2.12951	0.034899	0.281956	-3.54665	0.0019699	0.105176	-9.50783	0.125087	0.425318	-2.35118	3.90582	16.4035	3.73313	1
cg06371280	TLK1;TLK1	0.00325538	0.308501	0.896776	-1.11511	0.000261613	1.85963	1.85963	0.435628	1.08569	1.08569	0.0406412	1.27677	1.27677	0.597192	1.05667	1.05667	0.000547224	1.74202	1.74202	0.377288	1.09817	1.09817	0.0239579	1.32105	1.32105	0.0540518	1.25361	1.25361	8.35263	1.4134	0.150414	1
cg24532898	TLK1;TLK1	0.00840453	0.282143	1.61681	1.61681	0.836633	0.915066	-1.09282	0.686714	1.19041	1.19041	0.000142935	0.0597016	-16.75	0.594862	1.25953	1.25953	0.0683176	0.415866	-2.40462	0.131667	0.496803	-2.01287	0.999552	1.00024	1.00024	0.877999	0.936098	-1.06826	6.24626	18.2812	2.60155	1
cg10033675	TLK1;TLK1	0.0303238	0.0452598	0.43731	-2.28671	0.00209006	0.210292	-4.7553	0.0344054	0.411275	-2.43146	0.166205	0.587643	-1.70171	0.0442118	0.435025	-2.29872	0.0533209	0.453634	-2.20442	0.0631404	0.471123	-2.12259	0.0377806	0.41999	-2.38101	0.85932	0.938113	-1.06597	4.07127	8.36115	1.82551	1
cg24527751	TLK1;TLK1;TLK1	2.22E-07	1.81E-05	0.397095	-2.51829	0.00436532	1.49452	1.49452	4.73E-06	0.330981	-3.02132	0.00260737	0.644012	-1.55277	4.27E-08	0.13092	-7.63823	1.24E-06	0.267518	-3.73807	1.10E-07	0.165044	-6.05899	0.101756	1.20808	1.20808	5.15E-06	0.33512	-2.98401	107.539	18.9654	0.156763	1
cg25907043	TLK1;TLK1;TLK1	0.0168412	0.0367465	0.434193	-2.30312	0.0624873	0.486336	-2.05619	0.011491	0.337192	-2.96567	0.591199	0.829923	-1.20493	0.00574041	0.287958	-3.47272	0.184399	0.616261	-1.62269	0.00242	0.234049	-4.27261	0.637995	0.849637	-1.17697	0.0176623	0.370714	-2.6975	4.9851	9.33371	1.66428	1
cg05478407	TLK2;TLK2	0.000424589	0.00382465	0.546658	-1.8293	0.443335	0.885989	-1.12868	0.511425	1.10866	1.10866	0.0934502	1.33077	1.33077	0.00714295	0.583874	-1.7127	0.0159559	0.63317	-1.57936	0.000100787	0.34382	-2.9085	0.000589707	2.27539	2.27539	0.0283726	0.6698	-1.49298	14.952	5.68056	0.337706	1
cg05031797	TLK2;TLK2	0.00209411	0.947538	1.00435	1.00435	0.000232142	1.49562	1.49562	0.00282343	1.31133	1.31133	0.9833	0.998622	-1.00138	0.225528	1.08749	1.08749	0.673212	0.972434	-1.02835	0.0109225	0.810164	-1.23432	0.56154	0.962057	-1.03944	0.0067443	1.26043	1.26043	9.51346	0.654272	0.0611319	1
cg05787462	TLK2;TLK2	0.0168671	0.431367	0.823122	-1.21489	0.558524	0.866407	-1.15419	0.00278388	0.368113	-2.71656	0.0285324	0.534547	-1.87074	0.00233796	0.357089	-2.80042	0.988776	1.00342	1.00342	0.304842	1.29376	1.29376	0.700058	1.09837	1.09837	0.135859	0.67736	-1.47632	4.98254	4.63589	0.827045	1
cg01606085	TLL1	0.000136376	0.0150786	0.699718	-1.42915	0.896353	0.98454	-1.0157	0.00232985	1.66232	1.66232	0.353038	0.892042	-1.12102	0.75712	0.963593	-1.03778	0.0478639	1.31054	1.31054	0.130912	0.822844	-1.2153	2.72E-06	3.84901	3.84901	0.874985	1.019	1.019	20.3726	4.61139	0.201202	1
cg06202492	TLL1	0.000207098	0.0403435	0.680047	-1.47049	0.444355	0.880775	-1.13536	0.126216	0.763865	-1.30913	0.650519	0.928434	-1.07708	8.60E-06	0.206957	-4.83192	0.861787	0.972027	-1.02878	0.623261	1.08395	1.08395	0.244066	1.21948	1.21948	4.80E-05	0.287708	-3.47574	18.1982	7.64005	0.373177	1
cg20743881	TLL1	0.00147407	0.0982601	0.605718	-1.65093	0.0979641	0.605399	-1.6518	0.0359025	0.509256	-1.96365	0.31998	0.752685	-1.32858	1.26E-05	0.0786976	-12.7069	0.58914	0.860067	-1.1627	0.0972619	0.604641	-1.65387	0.337856	0.760978	-1.3141	0.425935	0.798706	-1.25202	10.5323	12.7494	1.076	1
cg26529911	TLL1	0.00224025	0.0163396	0.569483	-1.75598	0.681924	1.08224	1.08224	3.94E-05	4.52101	4.52101	0.248415	1.26037	1.26037	0.31357	1.22128	1.22128	0.440068	1.16302	1.16302	0.577317	0.897645	-1.11403	0.640511	1.0944	1.0944	0.212025	1.28677	1.28677	9.32765	5.4341	0.517848	1
cg11678324	TLL1	0.00256213	0.722954	0.937413	-1.06677	0.509469	1.12919	1.12919	0.00817237	1.84886	1.84886	0.749506	1.05989	1.05989	0.192578	0.778487	-1.28454	0.29485	1.21806	1.21806	0.161321	0.762153	-1.31207	5.53E-05	3.90573	3.90573	0.435295	1.15549	1.15549	8.96698	4.68202	0.464125	1
cg21493633	TLL1	0.00281925	0.0185221	0.751467	-1.33073	0.406482	0.918549	-1.08867	0.00158214	1.57429	1.57429	0.00788828	0.711077	-1.40632	0.987836	0.998476	-1.00153	0.00253096	0.657484	-1.52095	0.116614	0.84318	-1.18599	0.0418687	0.790857	-1.26445	0.0824339	1.21223	1.21223	8.71727	1.38191	0.140912	1
cg00498604	TLL1	0.0121191	0.0577095	0.378444	-2.6424	0.800216	1.12167	1.12167	0.256415	1.7098	1.7098	0.360164	0.653138	-1.53107	0.298361	0.613796	-1.62921	0.968013	0.982007	-1.01832	0.0119915	0.241929	-4.13345	0.00100086	9.13511	9.13511	0.431231	0.69507	-1.4387	5.55566	18.0394	2.88625	1
cg24521633	TLL1;TLL1	0.00418424	?	?	?	0.289962	0.761397	-1.31337	0.21959	1.37769	1.37769	0.00276444	2.78602	2.78602	0.0162725	0.482259	-2.07357	0.823859	0.946171	-1.05689	0.0888821	0.627661	-1.59322	0.00107809	0.301717	-3.31437	0.868311	0.95965	-1.04205	7.91499	6.86435	0.86726	1
cg08570521	TLL1;TLL1	0.00966724	0.52682	0.856949	-1.16693	0.858491	0.957945	-1.0439	0.014164	2.07242	2.07242	0.128533	1.48512	1.48512	?	?	?	0.00350235	2.59489	2.59489	0.131463	0.675695	-1.47996	0.019695	0.507534	-1.97031	0.121825	0.667813	-1.49742	6.09486	4.97297	0.815929	1
cg15942382	TLL2	8.89E-06	0.0507255	0.865548	-1.15534	0.121634	1.11499	1.11499	0.0578562	0.870147	-1.14923	0.062939	0.873106	-1.14534	4.90E-07	0.400805	-2.49498	0.00126992	0.737136	-1.3566	9.36E-05	0.636466	-1.57118	0.000215503	1.4927	1.4927	0.00282602	1.30571	1.30571	41.8322	2.78739	0.059229	1
cg02007434	TLL2	0.0040325	0.0187126	0.291059	-3.43573	0.000171506	0.062925	-15.8919	0.0333532	0.340579	-2.93617	0.460287	0.72208	-1.38489	0.396142	0.686338	-1.45701	0.00891327	0.236618	-4.22623	0.00452084	0.1942	-5.14932	0.00899176	0.237209	-4.21569	0.137751	0.500425	-1.9983	7.83336	23.2761	2.64125	1
cg11697244	TLL2	0.00594059	0.001506	0.314515	-3.1795	0.00510274	2.55005	2.55005	0.109414	0.643064	-1.55506	0.0189088	0.487187	-2.0526	0.203332	0.712013	-1.40447	0.335094	0.777676	-1.28588	0.00919421	0.4332	-2.3084	0.196261	0.70776	-1.41291	0.128367	0.659838	-1.51552	6.9605	7.05365	0.900784	1
cg13927669	TLL2	0.00600573	0.57566	0.950075	-1.05255	0.00291092	1.4485	1.4485	0.679506	0.963075	-1.03834	0.55462	1.05562	1.05562	0.0594854	0.824775	-1.21245	0.000902507	0.637761	-1.56799	0.0741179	1.19751	1.19751	0.948277	0.994142	-1.00589	0.178717	1.13812	1.13812	6.93711	0.901122	0.115465	1
cg04983289	TLL2	0.00747465	0.655408	0.838254	-1.19296	0.255588	0.625739	-1.59811	0.623375	0.823278	-1.21466	0.000187517	0.0670431	-14.9158	0.00965075	0.263125	-3.80047	0.0425726	0.391852	-2.55198	0.77519	1.11897	1.11897	0.644587	0.833207	-1.20018	0.491293	1.3165	1.3165	7.43007	17.7392	1.85694	1
cg03887584	TLL2	0.0165534	0.0604371	0.537124	-1.86177	0.258547	1.41347	1.41347	0.27428	1.39645	1.39645	0.739238	0.906594	-1.10303	0.00550931	0.342651	-2.91843	0.277016	0.717572	-1.39359	0.00238174	0.288452	-3.46678	0.0475306	0.514105	-1.94513	0.130277	0.618967	-1.6156	5.01388	6.84264	1.2131	1
cg19015951	TLL2	0.0187405	0.0323119	0.422949	-2.36435	0.107321	0.546932	-1.82838	0.000513606	0.155434	-6.43359	0.176639	0.610721	-1.63741	0.128729	0.569123	-1.75709	0.0240591	0.396992	-2.51894	0.826912	0.927574	-1.07808	0.119728	0.560142	-1.78526	0.0918002	0.528736	-1.8913	4.80935	8.97758	1.65928	1
cg04801704	TLL2	0.0220674	0.0412367	0.637039	-1.56976	0.553334	0.891517	-1.12168	0.0436835	0.641422	-1.55904	0.00196863	0.432749	-2.31081	0.274764	1.2431	1.2431	0.620143	1.10041	1.10041	0.0787683	1.45331	1.45331	0.719818	1.07141	1.07141	0.631945	1.09682	1.09682	4.54916	2.64212	0.51626	1
cg02848777	TLL2	0.0232821	?	?	?	0.0848081	0.365327	-2.73728	0.573677	1.35034	1.35034	0.00220254	0.103569	-9.65535	?	?	?	0.776001	1.16267	1.16267	?	?	?	0.987234	0.991583	-1.00849	0.0382636	0.281216	-3.55598	4.77204	14.064	3.92955	1
cg15821892	TLL2	0.0265941	0.297424	0.784549	-1.27462	0.629774	1.11528	1.11528	0.0124786	0.49746	-2.01021	0.303028	1.2708	1.2708	0.0078781	0.464983	-2.15062	0.576225	1.13523	1.13523	0.0237437	0.545352	-1.83368	0.0305365	0.564993	-1.76993	0.0983567	0.665509	-1.50261	4.26424	3.4077	0.710342	1
cg01401460	TLL2	0.0271445	0.643666	0.919934	-1.08703	0.743969	0.942977	-1.06047	0.101852	1.37826	1.37826	0.530659	0.892447	-1.12052	0.219838	0.793632	-1.26003	0.561241	0.900103	-1.11098	0.00100481	0.416982	-2.39818	0.362344	0.845578	-1.18262	0.0997	1.38159	1.38159	4.23373	2.15212	0.451846	1
cg20142018	TLL2	0.0343675	0.141727	0.668119	-1.49674	0.118731	1.54075	1.54075	0.0262644	0.510261	-1.95978	0.292789	0.756854	-1.32126	0.298121	1.31693	1.31693	0.201846	1.41058	1.41058	0.794522	1.06889	1.06889	0.00619464	0.402077	-2.48708	0.152585	0.676323	-1.47858	3.89271	4.01686	0.917237	1
cg16752962	TLL2	0.0419133	?	?	?	0.749768	0.914792	-1.09315	0.0936963	1.67036	1.67036	0.199418	0.685683	-1.4584	0.54204	0.842163	-1.18742	0.00278997	0.317553	-3.14908	0.71305	1.10827	1.10827	0.259611	1.38722	1.38722	0.35794	1.30097	1.30097	3.67627	4.00892	1.09048	1
cg05134775	TLL2;TLL2	0.0284782	0.922313	0.973869	-1.02683	0.254269	1.38147	1.38147	0.583611	1.16213	1.16213	0.553123	1.17687	1.17687	0.695367	0.898683	-1.11274	0.998186	1.00062	1.00062	0.101014	0.614148	-1.62827	0.00500725	2.7403	2.7403	0.00346959	2.93573	2.93573	4.16285	4.8581	1.03734	1
cg14095761	TLN1	0.0010766	0.724219	1.04995	1.04995	0.0249426	1.44358	1.44358	0.295395	0.861314	-1.16102	0.000947218	1.97016	1.97016	0.00113306	0.517387	-1.93279	0.0797186	0.765238	-1.30678	0.0483495	1.36395	1.36395	0.00159684	1.86477	1.86477	0.0198919	1.47216	1.47216	11.5225	3.45465	0.266504	1
cg13544946	TLN1	0.00653299	0.0120695	0.312916	-3.19574	0.551993	1.25026	1.25026	0.388339	1.38843	1.38843	0.212716	0.614367	-1.62769	0.580631	0.812914	-1.23014	0.033824	0.398596	-2.5088	0.0162672	0.335972	-2.97644	0.00747576	3.59054	3.59054	0.0028105	0.216977	-4.60879	6.75874	14.7488	1.93972	1
cg14025149	TLN1	0.0285364	0.0161634	0.420997	-2.37531	0.00615145	0.349645	-2.86004	0.131968	0.620006	-1.61289	0.0441544	0.506704	-1.97354	0.173624	0.653356	-1.53056	0.0253323	0.457649	-2.18508	0.0105038	0.388003	-2.5773	0.0417438	0.501536	-1.99388	0.0509257	0.520075	-1.9228	4.15985	5.69502	1.21693	1
cg14123850	TLN1;CREB3	0.0233727	0.00125058	0.40574	-2.46463	0.0452719	1.55196	1.55196	0.0591287	1.50348	1.50348	0.530454	1.12931	1.12931	0.435757	0.858846	-1.16435	0.846017	0.963476	-1.03791	0.693432	0.926984	-1.07877	0.679349	0.923539	-1.08279	0.474502	1.14934	1.14934	4.46006	2.58684	0.515556	1
cg19979590	TLN2	0.000538236	0.0105286	0.285237	-3.50586	0.872392	0.939272	-1.06465	0.0491261	0.416704	-2.39979	0.0437892	0.405266	-2.46751	0.000126928	0.0743185	-13.4556	0.0394386	0.395127	-2.53083	2.28E-05	0.0366809	-27.2622	0.890276	0.947624	-1.05527	0.0138461	0.305617	-3.27207	14.0011	33.684	2.13851	1
cg16571399	TLN2	0.00333701	0.0286369	0.727982	-1.37366	0.984115	1.00245	1.00245	0.202314	1.18002	1.18002	0.841642	1.0249	1.0249	0.0183124	1.42201	1.42201	0.0241355	1.39188	1.39188	0.000112897	2.30253	2.30253	0.10663	1.24189	1.24189	0.662281	1.05553	1.05553	8.29115	1.98555	0.212869	1
cg00450275	TLN2	0.00459639	0.744872	0.956922	-1.04502	0.000304303	2.2065	2.2065	0.00604459	1.62189	1.62189	0.161988	1.22307	1.22307	0.00242405	1.76726	1.76726	0.335408	1.14335	1.14335	0.917193	0.986073	-1.01412	0.295284	0.863839	-1.15762	0.186938	1.20761	1.20761	7.52912	2.16863	0.256029	1
cg10147096	TLN2	0.0049666	0.242694	0.858339	-1.16504	0.113637	0.806482	-1.23995	0.253478	1.16068	1.16068	0.549108	0.927059	-1.07868	0.0115597	1.48372	1.48372	0.161208	0.829482	-1.20557	0.00112575	1.82033	1.82033	0.0877769	0.790225	-1.26546	0.00900448	0.660398	-1.51424	7.35362	1.81806	0.219763	1
cg04914221	TLN2	0.00609944	0.0243728	0.45414	-2.20196	0.0202007	0.438615	-2.2799	0.00064024	0.213936	-4.67429	0.00825973	0.370166	-2.70149	0.0285413	0.467549	-2.13881	0.43202	0.789829	-1.2661	0.0209867	0.441736	-2.2638	0.0118465	0.396747	-2.5205	0.00390638	0.318878	-3.13599	6.90402	9.46564	1.2187	1
cg00969893	TLN2	0.00903964	0.166634	0.803764	-1.24415	0.0213079	0.663689	-1.50673	0.000865365	0.476815	-2.09725	0.295381	0.851509	-1.17439	0.736452	0.951193	-1.05131	0.588802	1.0842	1.0842	0.00811413	1.65218	1.65218	0.226906	0.828672	-1.20675	0.701446	1.05872	1.05872	6.10385	2.12133	0.308924	1
cg13171904	TLN2	0.0125402	0.00432751	0.52897	-1.89047	0.0304938	0.654053	-1.52893	0.00615107	0.550557	-1.81634	0.0327205	0.658871	-1.51775	0.00347498	0.515663	-1.93925	0.274374	1.20914	1.20914	0.192982	0.794494	-1.25866	0.380264	0.86046	-1.16217	0.183702	0.790163	-1.26556	5.49429	2.42629	0.392535	1
cg08156016	TLN2	0.0195746	0.679844	0.902208	-1.10839	0.00902892	0.439062	-2.27758	0.023845	0.512355	-1.95177	0.563378	1.1559	1.1559	0.00217688	0.344217	-2.90514	0.209634	0.720424	-1.38807	0.192646	1.40769	1.40769	0.651075	1.11953	1.11953	0.253567	0.744012	-1.34407	4.73902	4.61603	0.865821	1
cg26458545	TLN2	0.0269963	0.25472	0.78867	-1.26796	0.286885	1.24704	1.24704	0.00215288	0.423111	-2.36345	0.00664782	0.495036	-2.02005	0.522728	0.878694	-1.13805	0.0401809	0.622943	-1.60528	0.435743	0.853215	-1.17204	0.891929	0.973227	-1.02751	0.242614	0.783393	-1.2765	4.24187	2.67744	0.561061	1
cg27133432	TLN2	0.0331258	0.299741	0.661921	-1.51075	0.0875253	0.484723	-2.06303	0.298178	0.660973	-1.51292	0.0892706	0.487035	-2.05324	0.00202065	0.187875	-5.32269	0.470518	1.32559	1.32559	0.0647858	2.21736	2.21736	0.941666	1.0285	1.0285	0.547871	0.791774	-1.26299	3.94466	9.20931	2.07523	1
cg12790106	TLN2	0.0335826	0.981625	1.006	1.006	0.00741343	0.393304	-2.54256	0.00590421	0.376437	-2.65649	0.0429643	0.538829	-1.85588	0.0471999	0.54755	-1.82632	0.33023	0.769401	-1.29971	0.863832	1.04559	1.04559	0.275371	1.34507	1.34507	0.249084	0.729831	-1.37018	4.30839	4.50375	0.813045	1
cg04182114	TLN2;MIR190	0.00175981	0.000862754	0.604523	-1.6542	0.130885	0.848631	-1.17837	0.00172261	0.63761	-1.56836	0.134235	0.850018	-1.17645	0.000513621	0.579498	-1.72563	0.378476	0.913091	-1.09518	0.0108557	1.37968	1.37968	0.0747993	0.818991	-1.22102	0.539201	0.939363	-1.06455	10.0071	1.60464	0.142534	1
cg08757862	TLR1	0.00421466	0.014557	0.386366	-2.58822	0.793594	1.08639	1.08639	0.00248852	0.264922	-3.7747	0.035234	0.460702	-2.1706	0.00131986	0.228427	-4.37776	0.00109397	0.218273	-4.58142	0.0213125	0.417094	-2.39754	0.0435154	0.480208	-2.08243	0.0210632	0.416117	-2.40317	7.72956	12.2242	1.40577	1
cg20054786	TLR1	0.00476881	0.890968	1.0437	1.0437	0.486691	0.802192	-1.24658	0.298929	0.714798	-1.399	0.00786377	0.345239	-2.89655	0.00197402	0.255778	-3.90963	0.00144239	0.237819	-4.20488	0.00615916	0.328117	-3.0477	0.699612	1.12853	1.12853	0.00416897	0.301977	-3.31151	7.44527	11.4684	1.36921	1
cg25840354	TLR10;TLR10	0.000412399	0.00542865	0.260712	-3.83564	0.000501807	0.135406	-7.38518	0.00409026	0.242768	-4.11916	0.54551	0.798676	-1.25207	5.39E-05	0.0628516	-15.9105	0.0421115	0.422978	-2.36419	0.0001543	0.0923152	-10.8325	0.00171541	0.193103	-5.17859	0.00789716	0.285925	-3.49742	15.0728	32.2304	1.90073	1
cg23855121	TLR10;TLR10	0.00375732	0.00253813	0.218251	-4.58189	0.00288374	0.225612	-4.43239	0.0285948	0.391257	-2.55586	0.202011	1.63143	1.63143	0.00752837	0.286639	-3.4887	0.0186748	0.354958	-2.81723	0.00153204	0.190751	-5.24242	0.0122966	0.32212	-3.10443	0.135668	0.55751	-1.79369	8.00178	16.7294	1.85841	1
cg12940473	TLR2	2.30E-05	0.628177	1.06766	1.06766	0.182247	0.827022	-1.20916	0.00190632	0.55435	-1.80392	0.957501	1.00717	1.00717	6.68E-06	0.26115	-3.82922	0.00769194	0.631623	-1.58322	2.58E-06	0.218124	-4.58454	0.377437	0.885592	-1.12919	2.32E-05	0.321423	-3.11117	32.64	9.30381	0.253372	1
cg03610073	TLR2	0.000796104	0.00374688	2.98707	2.98707	8.98E-05	7.09385	7.09385	0.00289322	3.14307	3.14307	0.312418	1.33934	1.33934	0.0551118	0.544415	-1.83684	0.00399583	2.94993	2.94993	0.373557	1.29099	1.29099	0.000785215	4.1352	4.1352	0.122407	1.59692	1.59692	12.5493	15.5389	1.10064	1
cg01554777	TLR2	0.0318593	0.726126	1.07649	1.07649	0.105014	0.689858	-1.44957	0.0306832	0.587377	-1.70248	0.135902	1.40047	1.40047	0.0842881	0.670137	-1.49223	0.0957746	0.681503	-1.46734	0.0269804	1.73141	1.73141	0.0373902	0.602734	-1.65911	0.300454	0.79861	-1.25218	4.00018	2.78296	0.618407	1
cg00306510	TLR3	0.00424444	0.198155	0.708345	-1.41174	0.0485717	1.77046	1.77046	0.236696	1.36935	1.36935	0.197252	1.41283	1.41283	0.000579213	0.259346	-3.85585	0.426462	1.22861	1.22861	0.00603625	2.48287	2.48287	0.0202317	2.03385	2.03385	0.360509	1.26914	1.26914	7.71312	7.85262	0.904965	1
cg13730105	TLR4;TLR4;TLR4	0.0015252	0.352393	0.687179	-1.45522	0.389919	1.41254	1.41254	0.114033	0.509681	-1.96201	0.335452	0.677473	-1.47607	0.0258665	0.354474	-2.82108	0.737742	1.14082	1.14082	2.61E-05	0.0382399	-26.1507	0.636536	0.829769	-1.20515	0.00437285	0.224859	-4.44723	10.4294	25.3859	2.16362	1
cg14629571	TLR4;TLR4;TLR4	0.0476811	0.883626	0.925895	-1.08004	0.110842	0.401232	-2.49232	0.868605	0.916645	-1.09094	0.590848	0.751792	-1.33015	0.00149694	0.0901523	-11.0923	0.59066	0.751681	-1.33035	0.0671239	0.340038	-2.94085	0.748357	0.844339	-1.18436	0.0345071	0.273603	-3.65493	3.44965	15.0977	3.89031	1
cg02515422	TLR4;TLR4;TLR4;TLR4	0.0165732	0.0185741	0.123812	-8.07674	0.00487045	0.065096	-15.3619	0.0095102	0.0903263	-11.071	0.0418234	0.1796	-5.56792	0.027109	0.147376	-6.78538	0.280884	0.440283	-2.27126	0.0278442	0.149193	-6.70275	0.0182159	0.122699	-8.15006	0.0102813	0.0937579	-10.6658	5.01187	42.5215	7.54147	1
cg05429895	TLR4;TLR4;TLR4;TLR4	0.0200767	0.0169283	0.0846086	-11.8191	0.00568173	0.0461607	-21.6634	0.00856191	0.0582188	-17.1766	0.0455415	0.143121	-6.98708	0.0308621	0.116569	-8.57864	0.209195	0.325557	-3.07166	0.0251677	0.104618	-9.55856	0.0323668	0.11954	-8.36541	0.0177351	0.0867581	-11.5263	4.69845	53.486	10.1189	1
cg00255925	TLR5	0.000283289	0.893171	0.973795	-1.02691	0.305136	0.81069	-1.23352	0.830799	0.958591	-1.0432	0.750614	1.06505	1.06505	3.34E-06	0.114363	-8.74412	0.227405	0.778461	-1.28459	0.00215158	0.426732	-2.34339	0.00881952	0.51736	-1.93289	0.347589	0.826019	-1.21063	16.71	10.3372	0.549887	1
cg23035715	TLR5	0.000868649	0.0419507	0.42398	-2.3586	0.0132025	3.07891	3.07891	0.00313239	4.38707	4.38707	0.000127142	11.4825	11.4825	0.0619263	0.463236	-2.15873	0.00401348	4.11703	4.11703	0.0168362	2.90849	2.90849	0.170679	0.586221	-1.70584	0.597491	1.21538	1.21538	12.2447	25.9865	1.88646	1
cg05858079	TLR5	0.00105583	0.0615373	0.731138	-1.36773	0.100755	0.765456	-1.30641	0.000688088	0.462722	-2.16112	0.994672	0.999008	-1.00099	3.42E-05	0.30342	-3.29576	0.18712	1.23109	1.23109	0.669279	1.06597	1.06597	0.895695	0.980686	-1.01969	0.0730916	0.742882	-1.34611	11.5865	4.05703	0.311246	1
cg21695171	TLR5	0.0016	0.715077	0.955022	-1.0471	0.878441	1.0194	1.0194	0.00500219	1.594	1.594	0.847362	1.02448	1.02448	0.000125271	0.432239	-2.31353	0.00520376	0.629476	-1.58862	0.0962953	0.795145	-1.25763	0.532597	0.923723	-1.08258	0.0507835	1.32227	1.32227	10.2864	2.56705	0.221828	1
cg23291900	TLR5	0.00160419	0.000537756	0.117643	-8.50028	0.0760029	0.456196	-2.19204	0.0469734	0.405028	-2.46896	0.173156	1.77914	1.77914	0.011591	0.285219	-3.50608	0.0178339	0.318313	-3.14156	0.000157996	0.0766524	-13.0459	0.00645898	0.244725	-4.08622	0.215795	0.595828	-1.67834	10.2787	25.7192	2.22417	1
cg17599809	TLR5	0.00230868	0.584113	0.797228	-1.25435	0.378437	0.690418	-1.4484	0.483364	0.746755	-1.33913	0.837782	0.919395	-1.08767	0.128596	0.510003	-1.96077	0.236168	0.601165	-1.66344	0.0460013	2.55355	2.55355	0.217367	1.7024	1.7024	3.77E-05	0.0389889	-25.6483	9.24578	24.6094	2.36595	1
cg07538512	TLR5	0.00270626	0.00160564	0.380912	-2.62528	0.134873	0.709051	-1.41034	0.0229858	0.559833	-1.78625	0.035588	0.593441	-1.68509	0.000226221	0.270363	-3.69873	0.117917	1.43644	1.43644	0.0138597	0.522757	-1.91293	0.231755	0.765262	-1.30674	0.0158088	0.532232	-1.87888	8.82335	6.35823	0.640546	1
cg04219417	TLR5	0.00355676	0.0308784	0.552579	-1.8097	0.111683	0.666712	-1.4999	0.137577	0.687835	-1.45384	0.00254963	2.66334	2.66334	0.0102621	0.469033	-2.13205	0.785445	0.938141	-1.06594	0.0361587	0.565444	-1.76852	0.00335099	2.54497	2.54497	0.286059	0.771622	-1.29597	8.13453	7.05486	0.770909	1
cg23039250	TLR5	0.0112326	0.0056606	0.31766	-3.14802	0.861636	0.946383	-1.05665	0.129551	0.596098	-1.67758	0.190637	0.645471	-1.54926	0.0141026	0.384018	-2.60404	0.376262	0.750638	-1.3322	0.00134379	0.22953	-4.35673	0.144709	1.64024	1.64024	0.0331757	0.455399	-2.19588	5.69397	8.99883	1.40481	1
cg16585333	TLR5	0.0141951	0.283482	0.472539	-2.11623	0.0803449	3.68758	3.68758	0.220803	2.37722	2.37722	0.00367288	14.0441	14.0441	0.349777	0.523356	-1.91075	0.0230202	6.22739	6.22739	0.00506264	12.1003	12.1003	0.278826	0.468837	-2.13294	0.122172	3.08639	3.08639	5.27582	37.8154	6.37128	1
cg09025215	TLR5	0.0162089	0.0160769	0.312955	-3.19534	0.0180116	0.322003	-3.10556	0.118127	0.512176	-1.95245	0.756368	0.884508	-1.13057	0.00440575	0.223347	-4.47733	0.199678	0.586081	-1.70625	0.00196494	0.178111	-5.61448	0.042746	0.398618	-2.50867	0.0931717	0.482727	-2.07156	5.04915	12.4351	2.18916	1
cg07015886	TLR5	0.0259987	0.0186864	0.49684	-2.01272	0.246328	0.742655	-1.34652	0.148723	0.683807	-1.4624	0.0711166	1.64006	1.64006	0.0128303	0.468403	-2.13491	0.715129	0.913973	-1.09412	0.118017	0.659329	-1.51669	0.0317863	1.85449	1.85449	0.859017	0.957306	-1.0446	4.29815	4.09958	0.847824	1
cg12095594	TLR5	0.036037	0.0323421	0.397313	-2.51691	0.0275346	0.382875	-2.61182	0.0716567	0.476711	-2.09771	0.222098	0.623339	-1.60426	0.0126854	0.319477	-3.13011	0.0407767	0.418986	-2.38671	0.0146057	0.330316	-3.02741	0.0138829	0.32638	-3.06391	0.497155	0.775757	-1.28906	3.82641	8.22228	1.91007	1
cg17938489	TLR5	0.0417913	0.102777	0.703077	-1.42232	0.278746	0.800705	-1.2489	0.0161641	0.559497	-1.78732	0.637423	0.910564	-1.09822	0.0118864	0.538123	-1.85831	0.138078	0.729692	-1.37044	0.0963603	1.43378	1.43378	0.438421	1.1688	1.1688	0.0756153	0.676843	-1.47745	3.62401	2.23554	0.548328	1
cg24861436	TLR5	0.042678	0.0465615	1.70968	1.70968	0.112812	0.666228	-1.50099	0.258235	0.757618	-1.31993	0.746536	0.926533	-1.07929	0.0249611	1.87336	1.87336	0.0613205	0.608922	-1.64225	0.05225	1.68113	1.68113	0.428005	0.826626	-1.20974	0.446256	0.833037	-1.20043	3.59589	3.153	0.779408	1
cg10245072	TLR6	0.000198884	0.882977	0.961073	-1.0405	0.0974783	1.63264	1.63264	0.00511037	0.368863	-2.71103	0.00837142	0.403276	-2.47969	0.000400471	0.219134	-4.56341	0.000326993	0.209076	-4.78296	1.19E-05	0.0823719	-12.1401	0.998447	0.999475	-1.00052	0.0470882	0.54197	-1.84512	18.3991	21.1752	1.02301	1
cg26681822	TLR6	0.000371164	4.82E-05	0.118297	-8.45331	0.581714	1.16801	1.16801	0.366552	0.77188	-1.29554	0.0573854	0.548824	-1.82208	9.79E-05	0.144849	-6.90373	0.611232	0.866679	-1.15383	0.000459224	0.214472	-4.66262	0.00580259	0.364721	-2.74182	0.00529379	0.358444	-2.78984	15.5167	19.1465	1.09682	1
cg13006591	TLR6	0.00459098	0.324148	0.841226	-1.18874	0.0899399	0.728068	-1.3735	0.000792405	0.42283	-2.36501	0.0239831	0.633025	-1.57972	0.0890597	0.727305	-1.37494	0.455043	1.13791	1.13791	0.000346657	0.376363	-2.65701	0.726954	0.942214	-1.06133	0.0518983	0.686896	-1.45582	7.53181	3.43904	0.405869	1
cg25769980	TLR6	0.0211803	0.0774899	0.296064	-3.37764	0.00624727	0.109658	-9.11926	0.0796134	0.299184	-3.34242	0.073203	0.28961	-3.45292	0.0255041	0.192754	-5.18797	0.208762	0.439612	-2.27473	0.0101406	0.133792	-7.47431	0.00441554	0.0947205	-10.5574	0.0298786	0.204965	-4.87887	4.61354	28.1092	5.4158	1
cg16145167	TLR6	0.0314551	0.992673	0.998451	-1.00155	0.717242	0.940434	-1.06334	0.0108245	0.582484	-1.71679	0.740485	1.05773	1.05773	0.70449	1.06646	1.06646	0.159862	1.28866	1.28866	0.00251655	2.03087	2.03087	0.413289	1.1517	1.1517	0.82288	0.962849	-1.03858	4.01848	1.81479	0.401432	1
cg10182418	TLR6	0.0324289	0.0185757	0.37275	-2.68277	0.127956	1.76653	1.76653	0.961368	0.983392	-1.01689	0.683463	0.867841	-1.15228	0.0358595	0.429894	-2.32615	0.529363	1.24648	1.24648	0.00646878	0.294014	-3.4012	0.0543062	0.46998	-2.12775	0.221074	0.640969	-1.56014	3.97488	7.52622	1.68306	1
cg13677770	TLR7	4.65E-05	0.00057895	0.270319	-3.69934	0.00270097	0.361128	-2.7691	0.00296663	0.36711	-2.72398	0.000568976	0.269372	-3.71234	1.54E-05	0.110976	-9.01095	6.38E-05	0.164103	-6.09373	1.15E-05	0.101588	-9.84366	0.547998	0.861235	-1.16112	0.000142176	0.199417	-5.01462	27.1406	25.957	0.850126	1
cg01498090	TLR7	0.00111465	0.60795	0.854165	-1.17073	0.298535	0.720172	-1.38856	0.00910829	0.364448	-2.74387	0.000702052	0.207226	-4.82566	0.0715236	0.541685	-1.84609	0.00504202	0.323071	-3.09529	6.36E-05	0.106324	-9.40523	0.35435	0.748054	-1.3368	0.00162728	0.252735	-3.95672	11.4092	16.7696	1.30652	1
cg08623129	TLR7	0.00162869	0.146643	0.642015	-1.55759	0.0391623	0.507166	-1.97174	0.0186641	0.44442	-2.25013	0.234547	0.70157	-1.42537	0.000931246	0.245191	-4.07845	0.000332043	0.192501	-5.19479	0.131551	1.58892	1.58892	0.135172	0.632489	-1.58106	0.000518881	0.214395	-4.66429	10.2338	13.1139	1.13905	1
cg15241084	TLR7	0.0376998	0.01071	0.0867321	-11.5297	0.00757432	0.0729166	-13.7143	0.130093	0.287551	-3.47764	0.421763	0.534962	-1.86929	0.0137605	0.0981295	-10.1906	0.135743	0.2936	-3.406	0.0435709	0.170528	-5.86413	0.979891	1.0194	1.0194	0.0698122	0.2132	-4.69042	3.76403	34.6385	8.18	1
cg20860642	TLR7	0.0494666	0.895553	1.05909	1.05909	0.155683	0.514813	-1.94245	0.018744	0.28795	-3.47282	0.195582	0.549768	-1.81895	0.0938789	0.447017	-2.23705	0.0198538	0.292568	-3.41801	0.579087	1.27751	1.27751	0.692774	1.18954	1.18954	0.0100566	0.241754	-4.13644	3.40197	10.2929	2.68941	1
cg07987169	TLR8;LOC349408	7.66E-05	0.639883	1.12211	1.12211	2.13E-05	0.123371	-8.10564	0.000626847	0.27647	-3.61703	0.0350762	0.548635	-1.8227	3.57E-06	0.070014	-14.2829	0.0169166	0.490494	-2.03876	0.516607	0.851477	-1.17443	0.442653	0.825812	-1.21093	0.00705823	0.426841	-2.34279	23.7757	22.5098	0.84156	1
cg13153942	TLR8;LOC349408	0.00346422	0.106495	0.692735	-1.44355	0.00671063	0.480818	-2.07979	0.000574636	0.329547	-3.03447	0.672691	0.915301	-1.09254	0.00055249	0.327334	-3.05498	0.522081	1.14469	1.14469	0.0239207	0.570508	-1.75282	0.532715	0.876682	-1.14066	0.0179678	0.549443	-1.82002	8.19898	5.63313	0.610714	1
cg20981403	TLR8;LOC349408	0.0102191	0.369544	1.2393	1.2393	0.0176617	0.510732	-1.95798	0.00135511	0.338526	-2.95398	0.660694	0.902275	-1.10831	0.888428	0.967848	-1.03322	0.768308	0.933538	-1.07119	0.00479849	2.39011	2.39011	0.790299	0.939837	-1.06401	0.383493	0.812171	-1.23127	5.86975	5.03858	0.76302	1
cg00741717	TLR8;LOC349408	0.0196296	0.0747892	0.309706	-3.22887	0.0315792	0.225639	-4.43185	0.0527753	0.272462	-3.67024	0.118303	0.367306	-2.72253	0.0061172	0.120853	-8.27451	0.0679917	0.299026	-3.3442	0.00321191	0.0929883	-10.754	0.013543	0.164513	-6.07854	0.0283353	0.216798	-4.61259	4.73451	26.1567	4.91083	1
cg07759587	TLR8;TLR8;LOC349408	0.00843496	0.865635	0.953467	-1.0488	0.180256	0.670067	-1.49239	0.0109693	0.407342	-2.45494	0.489026	0.820569	-1.21867	0.000191836	0.17075	-5.85651	0.183269	0.672139	-1.48779	0.93122	1.02459	1.02459	0.329559	1.32726	1.32726	0.124221	0.626018	-1.5974	6.23914	7.82293	1.11453	1
cg11855705	TLR9	3.01E-07	0.40732	1.0574	1.0574	0.0489551	1.15956	1.15956	0.000358982	0.685928	-1.45788	0.00487001	1.27862	1.27862	8.43E-09	0.210379	-4.75333	7.11E-05	1.61106	1.61106	1.21E-05	1.83812	1.83812	0.0334083	0.849018	-1.17783	0.024197	0.837817	-1.19358	99.5104	6.83342	0.0610404	1
cg14528193	TLR9	0.00330886	0.250411	0.796519	-1.25546	0.0652277	0.675649	-1.48006	0.0077456	0.523154	-1.91148	0.247497	1.25739	1.25739	0.000594693	0.366332	-2.72977	0.00370832	0.475823	-2.10162	0.000931631	0.392168	-2.54993	0.340345	0.830161	-1.20459	0.0773522	0.689393	-1.45055	8.31214	4.7237	0.505146	1
cg18452449	TLR9	0.006276	0.897023	1.02492	1.02492	0.207973	0.776942	-1.2871	0.30345	0.81658	-1.22462	0.864749	1.03294	1.03294	0.00128075	0.409571	-2.44158	0.360382	1.19573	1.19573	0.00189196	0.432977	-2.30959	0.983271	0.996022	-1.00399	0.00212875	0.44015	-2.27195	6.84335	3.91707	0.508791	1
cg21578541	TLR9;TLR9	0.00541452	0.00259861	0.472917	-2.11453	0.662686	0.924249	-1.08196	0.00125566	0.429378	-2.32895	0.00211948	0.460566	-2.17124	0.0495956	0.668957	-1.49487	0.899514	1.02293	1.02293	0.796834	0.954754	-1.04739	0.853367	0.96734	-1.03376	0.00642729	0.529316	-1.88923	7.1619	3.65355	0.453455	1
cg00299972	TLX1	6.49E-05	4.78E-06	3.09019	3.09019	0.133235	1.19084	1.19084	0.291463	0.888665	-1.12528	0.0139576	0.720786	-1.38737	0.000877383	0.583945	-1.71249	0.00587829	0.677934	-1.47507	0.000572391	0.562686	-1.77719	0.333889	0.898102	-1.11346	0.085718	0.814811	-1.22728	24.8466	4.57559	0.163692	1
cg15325875	TLX1	0.000467429	0.00210012	2.40131	2.40131	0.0205658	0.568449	-1.75917	0.0927673	0.687633	-1.45426	0.00838126	1.97771	1.97771	0.15522	0.734943	-1.36065	0.0056353	0.479197	-2.08682	0.000713266	0.352218	-2.83915	0.00661443	2.04174	2.04174	0.00213671	0.417504	-2.39519	14.5598	9.45323	0.577127	1
cg14461582	TLX1	0.0420843	0.341023	1.82421	1.82421	0.864377	1.11042	1.11042	0.298477	0.516705	-1.93534	0.127003	0.363778	-2.74893	0.0396851	0.232864	-4.29435	0.0186002	0.174096	-5.74396	0.00402453	0.0937277	-10.6692	0.858778	1.1153	1.1153	0.243162	0.473188	-2.11333	3.61464	21.4896	5.28459	1
cg20120208	TLX1	0.0448594	0.855774	0.903995	-1.1062	0.359082	0.59266	-1.68731	0.278795	0.535422	-1.86768	0.136726	0.41093	-2.43351	0.0194748	0.208727	-4.79094	0.00488533	0.12625	-7.92081	0.00972897	0.162982	-6.13564	0.358952	0.592571	-1.68756	0.07452	0.332138	-3.0108	3.52966	17.2039	4.33254	1
cg09586183	TLX1;TLX1NB	0.000109501	0.0430056	1.49977	1.49977	0.00368959	1.97993	1.97993	0.000385806	0.373168	-2.67976	0.000238321	0.346754	-2.88389	0.00613172	1.86354	1.86354	0.000211824	0.340391	-2.9378	0.000740858	0.409941	-2.43938	0.00502815	0.5242	-1.90767	0.157065	0.768434	-1.30135	21.6091	10.3682	0.426496	1
cg16715722	TLX1;TLX1NB	0.000173025	0.425254	1.179	1.179	0.90719	0.97669	-1.02387	0.000116161	0.255109	-3.91989	0.792987	1.05463	1.05463	0.136763	1.38289	1.38289	5.38E-05	0.217984	-4.5875	0.908467	1.02353	1.02353	4.23E-05	0.207009	-4.83071	0.977642	0.994349	-1.00568	19.1061	12.3761	0.575782	1
cg19008088	TLX1;TLX1NB	0.000526376	0.000538994	0.190781	-5.2416	0.00357741	0.296847	-3.36873	0.00892457	0.359179	-2.78413	0.00025747	0.156973	-6.37051	0.000689744	0.202985	-4.92647	0.00175819	0.253617	-3.94296	0.000419883	0.178896	-5.58985	0.000785686	0.209619	-4.77057	0.00882472	0.358362	-2.79047	14.088	21.1377	1.33369	1
cg11498156	TLX1;TLX1NB	0.00196681	0.0253899	0.303325	-3.29679	0.0315555	0.322412	-3.10162	0.00303805	0.161505	-6.19176	0.0156892	0.264587	-3.77947	0.388287	0.672354	-1.48731	0.00261435	0.153925	-6.49667	0.000172407	0.0570074	-17.5416	0.00111562	0.115835	-8.63299	0.0312492	0.321533	-3.1101	9.68901	30.9299	2.83757	1
cg23331778	TLX1NB	3.52E-06	0.932747	1.01388	1.01388	3.62E-05	0.272739	-3.6665	3.16E-06	0.164589	-6.07575	0.000204561	0.362025	-2.76224	0.0979537	0.743498	-1.34499	1.14E-06	0.127241	-7.85913	5.56E-07	0.103929	-9.62197	0.000794423	0.437203	-2.28726	0.00205103	0.492035	-2.03238	53.1208	22.4257	0.375258	1
cg25478132	TLX1NB	3.91E-05	0.809753	0.962184	-1.0393	0.213213	0.810976	-1.23308	0.000199434	0.368475	-2.71389	0.0418948	0.687433	-1.45469	0.00262456	0.513886	-1.94596	0.000229837	0.376136	-2.65861	9.66E-05	0.330067	-3.02969	1.75E-06	0.14825	-6.74534	0.118392	1.31123	1.31123	28.398	11.4899	0.359645	1
cg05597349	TLX1NB	0.000277484	0.0558955	1.36306	1.36306	5.24E-06	4.38552	4.38552	0.500353	0.906804	-1.10277	0.387637	1.135	1.135	0.00422402	1.72942	1.72942	0.285901	1.17175	1.17175	0.819411	0.967826	-1.03324	0.378664	0.878827	-1.13788	0.00102373	2.00604	2.00604	16.8048	5.44319	0.287917	1
cg02586182	TLX1NB	0.000841182	0.423496	1.12791	1.12791	0.00474708	1.73703	1.73703	0.00097382	0.485534	-2.05959	0.0249003	0.674997	-1.48149	0.0509704	1.38727	1.38727	0.0308055	0.68836	-1.45273	0.00126741	0.500299	-1.9988	0.00814392	0.60731	-1.64661	0.0234563	1.48969	1.48969	12.3562	4.2427	0.305215	1
cg00850193	TLX1NB	0.000844726	0.483071	0.916001	-1.0917	0.362801	0.891254	-1.12201	0.000395387	0.499325	-2.0027	0.00734895	0.653585	-1.53002	0.286668	1.14589	1.14589	0.608547	0.938398	-1.06565	0.000414238	0.501765	-1.99296	0.000181981	0.458772	-2.17973	0.389015	1.11478	1.11478	12.3415	2.9613	0.213286	1
cg26227310	TLX1NB	0.00174393	0.0461185	2.09959	2.09959	0.259207	0.682455	-1.4653	0.000408891	0.161682	-6.18499	0.0140145	0.373553	-2.67699	0.0798166	1.87942	1.87942	0.00204103	0.243875	-4.10045	0.0186991	0.396521	-2.52193	0.00549016	0.305734	-3.27081	0.960704	0.984135	-1.01612	10.0334	16.7412	1.48315	1
cg16448058	TLX1NB	0.00234678	0.00434127	13.9119	13.9119	0.0170915	7.44787	7.44787	0.00124729	0.0384939	-25.9782	0.889425	1.10085	1.10085	0.047042	4.80653	4.80653	0.0882361	0.272714	-3.66684	?	?	?	0.437297	0.5785	-1.72861	0.0100798	9.41947	9.41947	9.40993	63.2037	6.7167	1
cg18668780	TLX1NB	0.0183029	0.7089	0.935053	-1.06946	0.316236	1.20387	1.20387	0.776406	0.950292	-1.05231	0.0162278	0.590707	-1.69289	0.248382	0.805684	-1.24118	0.122419	0.741009	-1.34951	0.00063342	0.390609	-2.5601	0.349361	0.841558	-1.18827	0.41184	1.16213	1.16213	4.84782	2.46173	0.451379	1
cg17805291	TLX1NB	0.0270521	0.0293282	0.477774	-2.09304	0.019271	0.442837	-2.25817	0.820746	1.06748	1.06748	0.08987	0.583938	-1.71251	0.115321	0.611019	-1.63661	0.00114769	0.252771	-3.95615	0.666924	0.882863	-1.13268	0.169046	0.655987	-1.52442	0.362362	0.763843	-1.30917	4.2388	5.55837	1.16561	1
cg24735307	TLX1NB	0.0349556	0.0138299	8.64098	8.64098	0.0353174	5.68285	5.68285	0.891434	1.10164	1.10164	0.66466	0.73406	-1.36229	0.01089	9.64013	9.64013	0.311817	0.476307	-2.09948	0.693789	0.755409	-1.32379	0.191313	2.66628	2.66628	0.0232237	6.84307	6.84307	3.86891	30.789	7.07383	1
cg25856018	TLX1NB;TLX1	0.000181072	0.0273532	1.45446	1.45446	0.362347	0.874273	-1.14381	0.798137	1.03747	1.03747	0.102368	0.773729	-1.29244	0.173794	0.812479	-1.2308	0.534105	0.913595	-1.09458	0.0203127	0.66933	-1.49403	2.95E-06	4.95702	4.95702	0.342719	1.1506	1.1506	18.8726	6.15592	0.28994	1
cg20615879	TLX1NB;TLX1	0.00400806	0.000418956	8.08659	8.08659	0.0078777	3.57506	3.57506	0.146551	1.79025	1.79025	0.738433	0.882284	-1.13342	0.0166923	0.335552	-2.98016	0.800495	0.90971	-1.09925	0.0342651	0.397316	-2.51689	0.360393	1.42105	1.42105	0.701439	0.865926	-1.15483	7.84773	17.3581	1.9661	1
cg02450004	TLX1NB;TLX1	0.011701	0.255872	0.859021	-1.16412	0.0504873	1.33054	1.33054	0.801064	1.03288	1.03288	0.370056	1.12517	1.12517	0.421256	0.900088	-1.111	0.18266	0.834278	-1.19864	0.000292021	0.469304	-2.13082	0.914829	0.986387	-1.0138	0.919794	0.987179	-1.01299	5.61927	1.46087	0.231089	1
cg10999413	TLX1NB;TLX1	0.0180651	0.0649102	1.40462	1.40462	0.598248	1.09107	1.09107	0.023881	0.642851	-1.55557	0.0885237	0.734917	-1.3607	0.0450338	0.685918	-1.4579	0.0790564	0.72643	-1.37659	0.014998	0.612539	-1.63255	0.0344012	0.66735	-1.49846	0.0123282	0.600022	-1.66661	4.86921	2.0719	0.37823	1
cg08267002	TLX2	1.00E-05	0.648716	1.08184	1.08184	0.54418	1.11104	1.11104	0.0784349	1.39837	1.39837	0.5746	1.10216	1.10216	0.387033	1.16426	1.16426	0.0839892	0.720391	-1.38814	9.30E-08	0.0501457	-19.9419	0.681125	1.07344	1.07344	0.0929533	1.37306	1.37306	40.524	18.8825	0.414186	1
cg03998104	TLX2	1.60E-05	0.582287	1.08187	1.08187	2.45E-05	4.81877	4.81877	0.874307	0.977895	-1.0226	4.75E-05	4.06283	4.06283	0.852793	1.02658	1.02658	0.343602	1.14935	1.14935	?	?	?	6.79E-05	3.7313	3.7313	9.43E-07	15.5099	15.5099	79.5163	21.2424	0.200359	1
cg22656420	TLX2	2.71E-05	0.478821	0.901425	-1.10935	5.58E-05	2.94455	2.94455	0.00260249	1.82441	1.82441	0.0577585	1.3624	1.3624	1.30E-06	5.99131	5.99131	0.237333	1.19535	1.19535	0.00446367	0.578898	-1.72742	0.0585825	0.734933	-1.36067	0.00168457	1.9099	1.9099	31.2753	10.291	0.292483	1
cg03813688	TLX2	0.00018927	0.00578308	2.57312	2.57312	0.113294	1.56902	1.56902	0.254252	0.732584	-1.36503	0.00316701	2.86856	2.86856	1.89E-05	9.71668	9.71668	0.321178	0.764979	-1.30722	0.000223791	4.97965	4.97965	0.00030564	4.63179	4.63179	0.513786	0.841069	-1.18896	18.6478	20.1783	0.961848	1
cg23791682	TLX2	0.000989989	0.064576	1.34839	1.34839	0.000107544	2.67333	2.67333	0.0103568	1.59193	1.59193	0.592721	1.08084	1.08084	0.000133294	2.5948	2.5948	0.88182	1.02165	1.02165	0.844103	0.972051	-1.02875	0.00394707	1.74763	1.74763	0.587389	1.08208	1.08208	11.8001	3.8741	0.291831	1
cg21185289	TLX2	0.00103368	0.464122	1.76677	1.76677	0.000866886	58.7992	58.7992	0.907931	0.915635	-1.09214	0.0041297	21.6232	21.6232	0.545934	0.627254	-1.59425	0.0707178	4.78464	4.78464	0.25234	2.50179	2.50179	0.000362233	111.642	111.642	0.000106339	311.124	311.124	14.1814	127.598	6.99808	1
cg07990546	TLX2	0.0269778	0.735634	0.810922	-1.23316	0.00413968	10.7786	10.7786	0.0628174	3.64949	3.64949	0.107553	2.96296	2.96296	0.501218	0.655611	-1.52529	0.3799	0.572885	-1.74555	0.0125564	6.82051	6.82051	0.0322507	4.71554	4.71554	0.947698	1.04141	1.04141	4.24289	25.7019	5.38457	1
cg16852704	TLX2	0.0304357	0.227835	2.08456	2.08456	0.0351176	4.15517	4.15517	0.940478	0.957592	-1.04429	0.192632	2.22587	2.22587	0.440671	0.633632	-1.5782	0.412982	1.62527	1.62527	0.500825	0.672668	-1.48662	0.00913051	6.83269	6.83269	0.00313515	10.4188	10.4188	4.06594	21.6834	4.74038	1

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Proboset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg00234616	TLX2	0.0368781	0.984766	0.990803	-1.00928	0.00388639	0.58898	0.58898	0.414124	1.49784	0.561577	1.32851	1.32851	1.010457	4.75791	4.75791	0.871991	0.924926	-1.08117	0.120545	0.442684	-2.25895	0.083105	2.5496	2.5496	0.960923	1.024	1.024	3.79442	14.0753	3.2973	1
cg18409528	TLX2	0.0473051	0.121149	2.490557	-4.00711	0.0219416	9.68307	9.68307	0.152133	3.55027	0.43982	1.91681	1.91681	0.986198	1.05091	1.05091	0.30936	0.419417	2.38426	0.809574	0.810228	-1.22066	0.00632621	18.8483	18.8483	2.89546	0.807108	-1.11469	3.45997	37.3805	9.60329	1
cg24881420	TLX3	6.58E-06	0.860408	1.02591	1.02591	0.0507965	1.33187	1.33187	0.0101344	1.60229	1.60229	2.73E-06	5.14334	5.14334	0.189861	0.817238	-1.22363	0.171576	1.2356	1.2356	0.519475	1.09956	1.09956	1.61E-07	10.6341	10.6341	0.03194598	1.4331	1.4331	45.2208	15.1308	0.297421	1
cg25180315	TLX3	3.30E-05	0.184602	0.781477	-1.27963	0.0095521	1.77732	1.77732	0.00653334	1.85742	1.85742	0.302731	1.822931	1.822931	-1.2057	0.497408	1.1283	1.1283	0.247486	1.23599	1.23599	0.0162346	0.597437	-1.67382	4.64E-07	12.0273	12.0273	0.190743	1.7844	5.27477	29.6928	14.4387	0.43224	1
cg26844246	TLX3	3.62E-05	0.00305429	2.52753	2.52753	0.678717	1.09987	1.09987	0.360755	0.806766	-1.23952	0.0263789	1.82539	1.82539	0.981801	1.00523	1.00523	0.981339	0.994669	-1.00536	0.166407	0.713749	-1.40105	3.58E-07	28.6391	28.6391	0.0923009	1.5272	1.5272	28.9801	23.9725	0.735294	1
cg26540537	TLX3	4.39E-05	0.0753589	1.68849	1.68849	0.343264	1.29476	1.29476	0.456471	0.818193	-1.22221	0.540781	1.17801	1.17801	0.553442	1.17188	1.17188	0.374242	0.785594	-1.27292	0.624382	0.877594	-1.13948	3.36E-07	10.5157	10.5157	0.474061	1.21195	1.21195	27.5557	30.551	0.985512	1
cg25942450	TLX3	6.89E-05	0.9689	1.00755	1.00755	0.910723	1.02186	1.02186	0.00250164	2.24733	2.24733	0.0328747	1.618	1.618	0.269165	0.801014	-1.24842	0.850262	0.964217	-1.03711	0.106687	0.712044	-1.40441	8.95E-07	12.3471	12.3471	0.2667292	0.8000057	-1.24991	24.451	14.3958	0.523344	1
cg26157714	TLX3	0.000186297	0.64509	0.904988	-1.10499	0.0322523	1.12479	1.12479	0.151665	1.33209	0.93393	-1.07074	0.350569	0.831566	-1.20376	0.117189	1.44242	1.44242	0.442218	0.844758	-1.18377	0.514067	0.867241	-1.15598	1.76E-06	12.6063	12.6063	0.0984505	1.47692	1.47692	18.7279	13.7434	0.653909	1
cg25720804	TLX3	0.00064566	0.614518	0.837719	-1.19372	0.403427	1.34733	1.34733	0.335844	1.41346	1.41346	0.791972	1.340461	1.340461	1.040162	1.04095	1.04095	0.844122	1.176067	1.17604	0.157342	0.588844	-1.69824	5.94E-06	34.6391	34.6391	0.1697945	1.60524	1.60524	13.3085	25.6269	1.71164	1
cg02676375	TLX3	0.00340885	0.594677	0.850754	-1.17543	?	?	?	0.731811	1.10909	1.10909	0.847889	0.943842	-1.0595	0.46564	0.799735	-1.25041	0.782723	0.920164	-1.08676	0.0561117	0.521446	-1.91774	7.79E-05	8.60159	8.60159	0.2530394	1.43227	1.43227	8.42056	10.7387	1.27529	1
cg20072296	TLX3	0.00524062	0.268466	0.706324	-1.41556	0.1106611	0.434311	-2.3025	0.187269	1.95937	1.95519	0.133079	2.175254	2.175254	0.251869	0.503144	1.47584	1.47584	0.224853	0.743984	-1.34402	0.0308545	0.14383	-6.95173	1.47E-07	14.1383	14.1383	0.0832353	2.50913	2.50913	26.3265	18.2969	0.69611	1
cg18468394	TLX3	0.0164503	0.947557	0.963155	-1.03825	0.52838	0.694013	-1.4409	0.348329	1.73931	1.73931	0.0749944	0.316375	-3.1608	0.621803	0.790392	-1.2652	0.679924	0.78243	-1.2636	0.0424114	0.222697	-4.51078	0.00048998	6.32992	6.32992	0.3206998	1.77757	1.77757	40.9523	24.7682	0.442516	1
cg07382752	TLX3	0.0171969	0.591922	0.786823	-1.27093	0.572244	1.28769	1.28769	0.0483156	2.7203	2.7203	0.0683632	2.46978	2.46978	0.00152828	7.54749	7.54749	0.533619	0.756285	-1.32225	0.00922721	0.42615	4.32433	0.00247911	3.26097	3.26097	0.182891	1.87052	1.87052	4.93389	15.34	2.76365	1
cg22686881	TLX3	0.0184856	0.766386	1.08445	1.08445	0.126408	1.14298	1.14298	0.0127405	2.24379	2.24379	0.939612	1.02081	1.02083	0.548176	1.1798	1.1798	0.388504	0.786242	-1.27187	0.225498	0.30725	-4.14393	0.00103272	3.75385	3.75385	0.0310039	1.99184	1.99184	4.81832	5.66611	1.04241	1
cg04178316	TLX3	0.0107788	0.607798	0.899121	-1.1629	0.0655258	1.54705	1.54705	-1.8268	0.173743	0.653788	-1.52488	0.620002	0.884727	-1.15643	0.982477	0.993615	-1.00643	0.256363	0.707941	-1.4125	0.0635176	0.544303	-1.83721	0.00168712	3.70023	3.70023	0.7060802	1.11642	1.11642	4.26304	5.7389	1.19052	1
cg18336674	TLX3	0.0317296	0.0231198	8.07338	8.07338	0.0365012	6.50662	6.50662	0.157527	3.20458	3.20458	0.0181434	9.12194	9.12194	0.745632	0.778169	-1.28507	0.872371	0.883486	-1.13188	0.113164	3.77509	3.77509	0.00342146	21.425	21.425	0.129081	1.53858	1.53858	4.00602	37.6692	8.35835	1
cg26157171	TLX3	0.0394984	0.0911615	5.80932	5.80932	0.0638476	7.16666	7.16666	0.0550625	8.21742	8.21742	0.8653641	0.63781	1.567783	0.603781	0.229439	-4.35766	0.845493	0.81556	-1.20256	0.25698	0.32577	-3.06025	0.00524017	32.5122	32.5122	0.597729	1.65439	1.65439	3.70028	52.3807	12.583	1
cg20744222	TLX3:TLX3	0.167592	0.741118	1.28002	1.28002	0.458538	1.880945	1.880945	-1.11515	0.143844	1.80178	1.301788	0.854791	1.960298	0.993611	1.508464	-1.96671	0.860245	0.700527	-1.42729	0.00373838	0.518128	-1.93003	1.15E-06	8.31721	8.31721	0.2283441	1.23989	1.23989	26.4818	11.8294	0.397067	1
cg14990478	TM2D1	5.07E-09	0.632695	1.02618	1.02618	3.38E-05	1.53889	1.53889	2.17E-07	0.431763	-2.31609	0.00642678	1.20953	1.20953	3.10E-10	0.145698	-6.86351	6.81E-06	0.585287	-1.70856	2.86E-09	0.233077	-4.29042	0.00349902	0.808481	-1.23689	2.44E-06	0.541349	-1.84724	278.979	12.7253	0.0405456	1
cg23014747	TM2D1	0.0100071	0.0551213	0.675157	-1.48052	0.0156698	0.585611	-1.7078	0.0226563	0.622287	-1.60658	0.121505	0.837007	-1.20923	0.0009807	1.202493	0.831989	0.93999	-1.06377	0.611505	0.804948	0.84048	-1.18972	0.0007145	1.14384	1.14384	0.8740481	1.04994	1.04994	2.02894	2.11181	1.459359	1
cg00503852	TM2D1:TM2D1 (MM2D1:ADAM9;ADAM9;ADAM9;ADAM TM2D2:TM2D2;ADAM9	0.0132308	0.175314	1.23991	1.23991	0.462563	1.11725	1.11725	0.304723	1.17184	1.17184	0.0338274	1.44729	1.44729	0.232175	1.20556	1.20556	0.488748	0.900388	-1.11063	0.00720468	0.464071	-2.15484	0.141071	0.780648	-1.26639	0.714777	1.05629	5.99001	1.90333	0.313363	1
cg14938514	?;TM2D2;TM2D2;ADAM9	1.61E-13	1.61E-11	0.890144	-1.12341	?	?	3.34E-12	0.774286	-1.29151	?	?	?	?	?	?	?	?	?	4.90E-13	1.95029	1.95029	5.00E-14	8.08411	8.08411	6.22E+12	8.49154	6.82E-13	1
cg21560441	TM2D3:TM2D3	0.0107215	0.0624399	0.769096	-1.29871	0.363408	0.8901	-1.12347	0.0311816	0.729664	-1.37049	0.565671	1.07506	1.07506	0.0251118	1.39382	1.39382	0.204978	0.732845	-1.36508	0.0214208	0.150475	1.2908	0.405079	0.899395	-1.11186	0.0379009	1.34989	1.34989	0.78704	1.4221	0.218699	1
cg23049236	TM2D3:TM2D3	0.00560184	0.00566184	0.554351	-1.80402	0.0033961	0.304807	-3.28076	0.0337588	0.825418	-1.20732	0.0442505	0.788166	1.268177	0.0014527	1.900222	1.900222	0.0191731	0.719041	-1.39059	0.0162172	0.0355155	-5.39027	0.00139669	0.370064	-2.69786	0.0830873	0.427835	-2.33755	4.82743	0.5383	2.75624	1.85
cg13202221	TM2D3:TM2D3	0.0358188	0.0101621	0.262001	-3.81678	0.542662	0.77521	-1.28997	0.144747	0.523518	-1.91016	0.100715	0.47576	-2.1019	0.0147496	0.289396	-3.45548	0.307223	0.64614	-1.54765	0.00422963	0.205501	-4.88615	0.0366636	0.36673	-2.7268	0.265147	0.618889	-1.6158	3.83485	10.3689	2.40342	1
cg25863289	TM2D3:TM2D3	0.0417971	0.0270542	0.650532	-1.53749	0.189993	0.543891	-1.83938	0.379984	0.736538	-1.35782	0.0906544	1.107479	1.107479	0.0088763	1.602716	1.602716	0.0232819	0.719044	-1.39059	0.0162172	0.0355155	-5.39027	0.00139669	0.370064	-2.69786	0.0830873	0.427835	-2.33755	4.82743	0.5383	2.75624	1.85
cg23033402	TM2D3:TM2D3	0.0473193	0.213763	1.8676555	-1.14148	0.139439	1.35932	1.35932	0.316169	1.110344	1.110344	0.0462844	0.793923	-1.25957	0.565786	1.06043	1.06043	0.907683	0.988343	-1.01179	0.583865	0.946265	-1.05679	0.677509	1.04318	1.04318	0.1044157	1.35639	1.35639	4.59587	1.559831	0.143841	1
cg18641436	TM4SF1	0.0052893	0.218371	0.863508	-1.15807	0.00378889	0.642296	-1.55692	0.0105909	0.694622	-1.43963	0.14611	1.19346	1.19346	0.829214	1.02479	1.02479	0.041039	0.193379	-5.1724	0.0001594	0.0915094	-10.9278	0.142077	0.333588	-2.99771	0.0386355	0.188786	6.29703	3.9157	0.18105	1
cg26680962	TM4SF1	0.0370163	0.1855	1.3895	-1.38995	0.0372528	1.24277	1.24277	0.0152021	1.73718	1.73718	0.0170871	2.6631	2.6631	0.0503824	2.225483	2.225483	0.0494771	0.871207	-1.14778	0.0972185	0.0919984	-10.9279	0.142077	0.333588	-2.99771	0.0386355	0.188786	6.29703	3.9157	0.18105	1
cg04743609	TM4SF18	0.0296464	0.0266631	0.399012	-2.50619	0.0166734	0.359737	-2.77981	0.0260296	0.396916	-2.51943	0.46123	0.769212	-1.30003	0.0022034	2.223485	2.223485	0.474958	0.694971	-1.87120	-1.1478	0.81185	1.09169	0.108699	0.65998	-1.5151	0.0612233	0.478152	-2.09138	4.10406	0.795346	1.72262	1
cg00388562	TM4SF19	0.0003407861	0.253266	0.615197	-1.62545	0.0002427313	0.889	-1.12469	0.0006262649	0.356753	-2.80316	0.0008388	0.633872	-1.57792	0.0003415703	0.564907	-1.77027	0.294021	0.786542	-1.27163	0.0002416727	0.0013662	-7.32206	0.0001483	0.222657	-4.49107	0.0001778	0.0004488	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg22496559	TM4SF19	0.0036416	0.710996	0.914683	-1.09327	0.158298	0.696706	-1.43533	0.8861	0.186056	-5.37471	0.0192309	0.507314	-1.97117	0.455501	1.19977	1.19977	0.0104243	0.148158	-6.74888	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg13163229	TM4SF19	0.0073157	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	-1.98019	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg21090033	TM4SF19	0.0115371	0.0954456	0.558852	-1.78938	0.687687	0.879527	-1.13697	0.00044857	0.172317	-5.80324	0.0180224	0.401426	-2.49112	0.05013	0.491899	-2.03294	0.724177	1.11913	0.0120841	0.370085	-2.70208	0.09478	0.00208	0.1002	0.208108	0.286097	0.703343	1.42178	5.64497	0.02164	1.4206	1
cg05445326	TM4SF19	0.0228264	0.212065	0.681981	-1.46532	0.314194	0.718544	-1.35402	0.00039856	0.237591	-4.20891	0.0183691	0.434089	-2.30049	0.0520266	0.525386	-1.90336	0.0321614	0.234497	-4.26371	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg23250593	TM4SF19	0.0413005	0.1400807	1.2966	-1.39107	0.0962	0.5384	-1.84032	0.0124564	0.685177	-1.45923	0.0481277	0.270037	-3.70256	0.0025075	0.454264	-2.20131	0.11483	0.784032	-1.27546	0.0217197	0.0975538	-10.2508	0.0993031	0.350864	-2.84995	0.0438888	0.221194	0.823857	3.6399	0.797306	0.47326	1
cg02322876	TM4SF19;TM4SF19	0.010639	0.780988	1.0408	1.0408	0.10598	-1.72963	-1.28872	0.0616031	1.34417	1.34417	0.00463651	1.71664	1.71664	0.234253	0.832338	2.10144	0.1183	0.784032	-1.27546	0.0217194	0.1183	1.8538	0.928705	1.01292	1.01292	0.396822	0.882951	-1.13257	5.7944	1.8891	0.289796	1
cg18274219	TMS4F4	3.23E-09	0.204023	1.2205	1.2205	0.0001	0.0001	0.0001	0.0001	0.0001	-4.4044	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg16954508	TMS4F4	0.0040905	0.0070307	0.356191	-2.80748	0.0066484	0.35227	-2.83873	0.172576	0.650482	-1.53732	0.406237	0.777474	-1.28622	0.0305687	0.471063	-2.12286	0.00181346	0.268837	-3.71972	0.000353226	0.182661	-5.47461	0.105256	0.591949	-1.68934	0.0109154	0.388091	-2.57672	7.79477	10.8338	1.23545	1
cg08607024	TMS4F4	0.0076584	0.0195068	0.526514	-1.89913	0.0225307	0.542428	-1.82812	0.0148452	0.664202	-1.50506	0.0284355	0.524258	1.907153	0.0042458	0.354828	-2.81844	0.0023183	0.314165	-3.18206	0.0004227	0.132328	-6.54799	0.0024246	0.445646	-2.24436	0.0090547	0.210009	-4.7617	6.70383	20.7247	2.24797	1
cg19422253	TMS4F4	0.0086095	0.197687	1.22722	1.22722	0.0063181	0.58576	-1.30719	0.241489	0.765216	-1.30719	0.241489	0.765216	0.10678	0.103678	0.815524	1.26011	0.0103012	0.162909	0.18759	0.515256	0.94078	-1.06486	0.636486	1.07421	1.07421	0.841657	1.03053	1.03053	6.19888	2.2199	0.318323	1
cg08378932	TMS4F4	0.0234344	0.316993	1.2811	1.2811	0.0186518	0.347512	-2.8776	0.034251	0.553474	-1.80677	0.359398	0.797983	-1.25316	0.0807863	0.628944	-1.58997	0.106967	1.52412	1.52412	0.684707	1.1027	1.1027	0.899818	1.03062	1.03062	0.10885	0.657856	-1.52009	4.45599	4.04721	0.807344	1
cg04412771	TMS4F4	0.0049465	0.0196418	0.516554	-1.93595	0.0107403	0.325572	-3.07189	0.0050202	0.315496	-3.17045	0.0066851	0.38283	-2.61127	0.0015634	0.519604	-1.92468	0.183043	0.247487	-4.04126	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg05483388	TMS4F4;TMS4F4	0.0171765	0.0203071	0.417463	-2.39542	0.0896842	0.557573	-1.79349	0.272306	0.699928	-1.42872	0.231119	0.675608	-1.48015	0.0098157	0.360866	-2.77112	0.0133023	0.383769	-2.60574	0.00376643	0.294977	-3.3901	0.0106114	0.366641	-2.72746	0.0185056	0.409871	-2.43979	4.95233	7.64676	1.37251	1
cg01022250	TMS4F5	7.75E-05	2.55E-07	0.0659787	-16.1545	0.0003362718	0.298253	-3.35433	0.163291	0.760644	-1.31449	0.0139889	1.786	1.786	0.115049	8.65971	7.32E-06	0.166382	6.01027	0.0072843	0.148564	6.73112	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg03914294	TMS4F5	0.0044292947	0.0001	0.0001	0.0001	0.0001	1.37511	1.37511	-1.35478	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg14208070	TMS4F5	0.0073502	0.670662	0.924519	-1.08164	0.00050405	0.626186	-1.76101	0.842273	0.963475	-1.03791	0.893986	0.975406	-1.02521	0.952864	0.98902	-1.0111	0.906959	0.97401	-1.02208	9.39E-06	0.167671	-5.96407	0.00196585	0.441718	-2.26388	0.91485	1.02018	1.02018	15.4727	8.54762	0.49105	1
cg06801163	TMS4F5	0.0105644	0.128992	1.3167	1.3167	0.0082736	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	0.29576	-3.38206	0.0055993	1
cg04664342	TMS4F5	0.0026381	0.0103491	2.11508	2.11508	0.396432	0.809587	-1.2352	0.866965	0.960039	-1.04162	0.0684019	1.64259	1.64259	0.0419664	0.56546	-1.76847	0.601188	0.879605	-1.13687	0.000331329	0.40962	0.40962	0.00133226	3.11067	3.11067	0.313694	1.28847	1.28847	8.89001	8.33051	0.832946	1
cg08445138	TMS4F5	0.0242227	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	-1.98019	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg01487803	TMS4F5	0.026169	0.00418052	0.71854	-8.43597	0.0456178	0.27981	-3.57385	0.0851004	0.347184	-2.88031	0.0308353	0.502664	0.244436	-4.09105	0.01926	0.229669	-4.17205	0.135645	0.559597	-1.78743	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg06928209	TMS4F5	0.0183935	0.1210815	0.321595	-3.1095	0.0448184	0.441672	-2.26412	0.0713448	0.489367	-2.04346	0.0797946	0.501656	-1.9934	0.0319882	0.409991	-2.43908	0.174548	0.599024	-1.66938	0.0113297	0.3246	-3.08072	0.0138698	0.339986	-2.9413	0.3686641	0.720615	-1.3877	3.73901	7.45606	1.77256	1
cg18593236	TMS4F5;TM6SF1	3.46E-06	0.1288736	1.882303	1.882303	0.0725528	1.24677	1.24677	0.0250022	0.315496	-3.17045	0.0066851	0.38283	-2.61127	0.0015634	0.519604	-1.92468	0.183043	0.247487	-4.04126	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg14696396	TMS4F5;TM6SF1	0.0004448	0.638105	0.850547	-1.17571	0.705905	1.1383	1.1383	0.182485	1.62162	1.62162	0.302274	0.714763	-1.39906	0.832227	1.07518	1.07518	8.26E-06	0.0360117	-27.7687	0.0212293	0.388149	-2.57633	0.00110105	0.193202	-5.17593	0.38094	0.735601	-1.35943	4.7612	2.27973	1.64359	1
cg11167150	TMS4F5;TM6SF1	0.0018067	0.0125938	0.645613	-1.54913	0.0001	0.0001	0.0001	0.0001	0.0001	-4.68172	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	-2.5687	0.0207246	0.0003532	0.3891002	-2.56871	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg08452658	TMS4F5;TM6SF1	0.00409479	0.945479	1.01476	1.01476	0.113483	0.691411	-1.44632	0.918345	0.978267	-1.02222	0.0031968	0.370968	-2.69565	0.957124	1.01159	1.01159	0.102038	1.46734	1.46734	0.125126	1.42715	1.42715	0.352946	0.814813	-1.22728	0.000344918	0.291103	3.43521	7.79722	5.66945	0.646322	1
cg09682213	TMS4F5;TM6SF1	0.0189599	0.0808601	0.645236	-2.14945	0.0130539	0.29604	-3.37792	0.0747324	0.456265	-2.19716	0.0176556	0.561643	-1.78049	0.109558	0.501763	1.99297	0.104186	0.502097	-1.99881	0.00744112	0.255743	-3.91018	0.00138331	0.159939	-6.25238	0.0423813	0.396895	-2.51956	4.79048	11.8553	2.19978	1
cg22824883	TMS4F5;TM6SF1	0.0104435	0.0102746	0.499251	-2.00276	0.0134476	0.336576	-2.96851	0.0060491	0.344581	-2.90145	0.0088734	0.422628	0.087782	0.0113304	0.449181	-2.22532	0.0078702	0.355995	-2.81014	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg04120171	TMS6SF1	0.0288024	0.323796	0.811241	-1.23268	0.355426	0.822719	-1.21548	0.0455738	1.601	1.601	0.656826	1.09614	1.09614	0.0450827	0.623749	-1.60321	0.228841	0.564055	-1.77263	0.0074705	0.0589	-16.9824	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg27009545	TMS6SF1;TM6SF1	0.0323662	0.0172269	0.615115	-1.62496	0.0112228	0.499022	-2.00156	0.0016296	0.361248	-2.76818	0.0121417	0.536239	0.050273	0.0154406	0.554354	-1.80408	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg26460092	TMS6SF1;TM6SF1;TM6SF1;TM6SF1	0.0117567	0.0288531	0.607151	-1.66182	0.062188	0.661886	-1.51083	0.70128	0.902712	-1.07873	0.525185	0.734754	1.13497	1.13497	0.00668975	3.3503	0.0001482	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg30036639	TMS6SF1;TM6SF1;TM6SF1;TM6SF1	0.0474771	0.15821	1.22284	1.22284	0.73711	1.04595	1.04595	0.4146688	0.89477	-1.11761	0.0766642	0.769056	-1.3003	0.0255778	0.702065	-1.42437	0.174548	0.599024	-1.66938	0.0113297	0.3246	-3.08072	0.0138698	0.339986	-2.9413	0.3686641	0.720615	-1.3877	3.73901	7.45606	1.77256	1
cg19342883	TMS6SF2	0.0048

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg00816880	TMC4;TMC4	0.00113058	0.00580642	0.403191	-2.48021	0.973031	0.991537	-1.00854	0.0442431	1.78783
cg22380693	TMC4;TMC4	0.00122133	0.00079523	0.131793	-7.58766	0.0354598	0.375558	-2.66271	0.0488297	2.45919
cg19250101	TMC4;TMC4	0.0252873	0.25741	3.33565	3.33565	0.197481	4.009	4.009	0.0126776	23.5202
cg01427567	TMC4;TMC4	0.030734	0.091242	0.525202	-1.90403	0.466307	0.773631	-1.29261	0.151775	1.70172
cg27375206	TMC4;TMC4	0.0381039	0.0640722	0.562349	-1.77825	0.0646662	0.563243	-1.77543	0.135852	0.641087
cg04599149	TMC4;TMC4	0.0403687	0.689348	1.17816	1.17816	0.210399	1.71347	1.71347	0.0271723	2.90624
cg12559208	TMC4;TMC4	0.0409001	0.0402479	8.87474	8.87474	0.03689	9.3288	9.3288	0.0518698	7.67581
cg07998072	TMC5;TMC5	0.00428388	0.00562615	0.165566	-6.03987	0.229836	0.536102	-1.86532	0.0149684	0.227572
cg07157333	TMC5;TMC5	0.00437838	0.12006	1.67824	1.67824	0.00180299	3.90688	3.90688	0.0774126	1.82701
cg09514038	TMC5;TMC5;TMC5	0.00173909	0.148878	1.22359	1.22359	0.195057	0.836398	-1.1956	0.0084245	0.644952
cg25690265	TMC5;TMC5;TMC5;TMC5	1.52E-06	0.0589478	0.760105	-1.31561	0.000961851	1.88197	1.88197	1.93E-05	0.327604
cg08051231	TMC5;TMC5;TMC5;TMC5	0.0391467	0.0304439	0.579246	-1.72638	0.0606228	0.635019	-1.57476	0.191128	0.742952
cg06853339	TMC6;TMC6	1.37E-06	0.879048	0.985771	-1.01443	1.69E-06	0.323281	-3.09328	0.000119301	0.530842
cg24867468	TMC6;TMC6	0.00287463	0.163162	0.54118	-1.84782	0.684983	0.84515	-1.18322	0.498442	0.753154
cg03297901	TMC6;TMC6	0.00565737	0.667037	1.13909	1.13909	0.247777	0.695191	-1.43845	0.00288412	0.291414
cg19950606	TMC6;TMC6	0.0131685	0.0613313	0.42276	-2.36541	0.464628	1.35519	1.35519	0.709253	0.858165
cg18512780	TMC6;TMC6	0.0271431	0.510506	0.842178	-1.1874	0.974007	1.00842	1.00842	0.0109975	0.440016
cg01046309	TMC7;TMC7	0.0171109	0.182777	1.84114	1.84114	0.372703	1.48455	1.48455	0.00399131	0.188114
cg06773604	TMC7;TMC7	0.037754	0.939874	0.983836	-1.01643	0.00421409	2.28834	2.28834	0.178114	1.3622
cg06424168	TMC7;TMC7	0.0385876	0.0665461	0.253508	-3.94465	0.170003	2.65092	2.65092	0.812088	1.17217
cg06151984	TMC7;TMC7	0.0476164	0.0305763	0.6712	-1.48987	0.0777689	1.36011	1.36011	0.126051	0.771262
cg03548490	TMC7;TMC7	0.0483889	0.659351	1.16514	1.16514	0.406389	1.33996	1.33996	0.357468	0.721769
cg03596178	TMC8	0.00264146	0.00282034	0.310066	-3.22512	0.0151229	0.427566	-2.33882	0.0015317	0.273077
cg09413013	TMC8	0.00701499	0.0238481	2.68897	2.68897	0.00570047	3.78089	3.78089	0.0868709	2.00098
cg08852879	TMC8	0.00950594	0.107492	0.539739	-1.85275	0.0887827	0.517372	-1.93284	0.251354	0.656585
cg14210726	TMC8	0.009752	0.013766	5.21589	5.21589	0.0106218	5.71228	5.71228	0.0276812	4.10366
cg05637296	TMC8;TMC6	0.00238362	0.508781	0.885448	-1.12937	0.0708299	0.693244	-1.44249	0.000150155	0.306801
cg16214492	TMC8;TMC6	0.0034204	0.149148	1.31716	1.31716	0.398874	1.16627	1.16627	0.0270528	0.627434
cg03742808	TMC8;TMC6	0.00732052	0.217384	0.76827	-1.30163	0.0631742	1.52881	1.52881	0.652492	0.912035
cg21282054	TMC8;TMC6	0.0113806	0.807228	0.939604	-1.06428	0.0564848	1.7337	1.7337	0.467535	1.20729
cg12798338	TMC8;TMC6	0.0442829	0.814258	1.07946	1.07946	0.864262	0.945927	-1.05716	0.0136207	0.370988
cg00447208	TMC8;TMC6;TMC6	0.000950022	0.0178713	0.495999	-2.01613	0.0136532	0.475661	-2.10234	0.00238224	0.356444
cg03704024	TMCC1;TMCC1	0.000996787	0.107487	0.521696	-1.91683	0.0361022	0.405433	-2.4665	0.0386488	0.411849
cg02007809	TMCC1;TMCC1	0.00156889	0.120245	0.719407	-1.39003	0.451485	0.860795	-1.16172	0.850003	0.963682
cg06509598	TMCC1;TMCC1	0.00923377	0.0312002	0.287482	-3.47848	0.0376601	0.304582	-3.28319	0.0894047	0.397161
cg04777528	TMCC1;TMCC1	0.0104599	0.430648	0.915362	-1.09246	0.00561131	1.49147	1.49147	0.00324927	1.55465
cg19973659	TMCC1;TMCC1	0.0217536	0.630205	0.927979	-1.07761	0.556812	0.912499	-1.09589	0.744142	0.95079
cg07443717	TMCC1;TMCC1;TMCC1	0.000379398	0.244925	0.791701	-1.2631	0.00151836	2.40358	2.40358	0.69471	0.927053
cg21434959	TMCC1;TMCC1;TMCC1	0.000638907	0.471667	1.13295	1.13295	2.14E-05	0.232635	-4.29857	0.0212919	0.623826
cg26713384	TMCC1;TMCC1;TMCC1	0.0339891	0.612517	1.18184	1.18184	0.0180007	0.390573	-2.56034	0.145262	0.599525
cg19272592	TMCC1;TMCC1;TMCC1	0.0477728	0.333674	0.627061	-1.59474	0.00454455	0.170463	-5.86636	0.0203289	0.27005
cg08717488	TMCC2	0.00650061	0.911988	1.02339	1.02339	0.0358401	1.66632	1.66632	0.544403	1.13688
cg25320668	TMCC2	0.0145166	0.0208638	0.83174	-1.2023	0.0418875	0.856098	-1.16809	0.201169	1.09356
cg11752894	TMCC2	0.0372212	0.0108021	0.380086	-2.63098	0.960169	0.985025	-1.0152	0.083151	0.560143
cg12070724	TMCC2	0.0479524	0.275447	0.772653	-1.29424	0.0435599	0.590043	-1.69479	0.0182626	0.521381
cg19963602	TMCC3	0.00641746	0.455153	0.802625	-1.24591	0.16236	0.649767	-1.53901	0.234016	0.697262
cg22518670	TMCC3	0.0196414	0.281226	0.845705	-1.18244	0.359547	1.15138	1.15138	0.21009	1.21852
cg27014593	TMCC3	0.0233104	0.148155	0.456181	-2.19211	0.00440637	0.146129	-6.84328	0.0508675	0.324512
cg09162806	TMCC3	0.0457069	0.688313	0.863089	-1.15863	0.102805	0.521155	-1.91882	0.13721	0.557378
cg24106943	TMCO1	0.0113346	0.009503	0.447179	-2.23624	0.318653	0.776884	-1.28719	0.085783	1.5922
cg18964732	TMCO1	0.0125042	0.00152055	0.336411	-2.97255	0.200333	1.38096	1.38096	0.412032	1.22157
cg24409356	TMCO1	0.0166546	?	?	?	0.357432	0.794326	-1.25893	0.738659	0.922426
cg19769164	TMCO1	0.0250008	0.0109848	0.403441	-2.47868	0.754887	0.914764	-1.09318	0.950242	1.01791
cg26817972	TMCO1	0.0362163	0.763156	0.838728	-1.19228	0.0793901	0.322008	-3.10551	0.0235212	0.207172
cg01009875	TMCO1	0.0460806	0.150412	0.799971	-1.25005	0.561994	0.918615	-1.0886	0.650949	0.936182
cg18174222	TMCO1	0.048445	0.0611597	0.48458	-2.06364	0.350011	0.718697	-1.39141	0.100312	0.538918
cg01786075	TMCO1;TMCO1	0.0141946	0.0573214	0.608907	-1.64229	0.37455	1.23403	1.23403	0.0979113	1.5203
cg18124737	TMCO2	0.00617688	0.0075263	0.170279	-5.87272	0.0169316	0.223266	-4.47895	0.0221403	0.24365
cg03103888	TMCO3	6.52E-06	7.33E-05	0.337106	-2.96642	3.23E-05	3.38264	3.38264	0.00514688	0.572892
cg15208672	TMCO3	0.000102655	1.68E-05	0.239572	-4.17412	1.46E-05	0.232995	-4.29194	0.361345	0.859279
cg17638213	TMCO3	0.000113868	0.000152846	0.547534	-1.82637	2.77E-05	2.1514	2.1514	0.00315729	1.45383
cg12947224	TMCO3	0.00220127	0.792906	1.04726	1.04726	0.377251	1.17235	1.17235	0.337897	0.84081
cg23112464	TMCO3	0.00289458	0.0808813	0.781135	-1.28019	0.00601044	0.63249	-1.58105	0.931649	1.01101
cg05441372	TMCO3	0.00328279	0.59859	0.888496	-1.1255	0.921514	1.02218	1.02218	0.151972	1.40715
cg12030328	TMCO3	0.00358201	0.875091	1.0224	1.0224	0.00022233	2.3769	2.3769	0.1473	1.24483
cg12437013	TMCO3	0.0148968	0.246442	0.801659	-1.24741	0.00252866	2.14813	2.14813	0.940468	1.01372
cg11206724	TMCO3	0.0183858	0.544224	0.919562	-1.08747	0.157276	1.22953	1.22953	0.886714	0.980714
cg22912818	TMCO3	0.0224941	0.0480631	1.3676	1.3676	0.393989	0.886063	-1.12859	0.0350352	1.40534
cg06069407	TMCO3	0.0229501	0.679047	0.8335	-1.19976	0.00159463	7.26347	7.26347	0.306325	1.58977
cg23167246	TMCO3	0.0251837	0.194136	2.86618	2.86618	0.149442	3.26994	3.26994	0.00995101	12.1253
cg13461813	TMCO3	0.0262352	0.814467	1.08714	1.08714	0.041954	2.30047	2.30047	0.00113454	5.48433
cg14534144	TMCO3	0.0324404	0.0708155	6.60718	6.60718	0.935864	0.927486	-1.07818	0.0149707	16.4133
cg14933676	TMCO3	0.0348961	0.0518146	0.722225	-1.38461	0.0626081	1.36088	1.36088	0.405992	0.882484
cg24121069	TMCO3	0.0356147	?	?	?	0.886755	1.15536	1.15536	0.0174149	18.8037
cg22535089	TMCO3	0.0358747	0.0347247	0.406854	-2.45788	0.0577907	0.456722	-2.18951	0.0202875	0.359761
cg11935063	TMCO3	0.0391457	0.809016	0.945565	-1.05757	0.00821406	0.457658	-2.18504	0.0374672	0.572302
cg25997756	TMCO3	0.0448998	0.0569853	0.632105	-1.58202	0.0553476	1.58813	1.58813	0.280439	1.2699
cg00619505	TMCO3	0.0483202	0.933919	0.987881	-1.01227	0.813313	0.965815	-1.0354	0.0359558	0.698553
cg25840538	TMCO3;DCUN1D2	0.000457727	0.293625	1.16082	1.16082	4.75E-06	4.19297	4.19297	0.0146181	1.50924
cg04340435	TMCO3;DCUN1D2	0.00488992	0.2672	1.09544	1.09544	0.861174	0.986291	-1.0139	0.000386881	1.5627
cg21683590	TMCO3;DCUN1D2;TMCO3	0.0353138	0.055005	1.6643	1.6643	0.223826	1.34877	1.34877	0.647833	0.897923
cg19976467	TMCO4	1.72E-05	0.0040634	0.723307	-1.38254	4.61E-07	3.29661	3.29661	0.00548514	1.35887
cg12271781	TMCO4	0.000131437	0.00217248	0.360371	-2.77492	2.82E-06	14.3132	14.3132	0.409496	1.22155
cg01077102	TMCO4	0.00103574	0.148952	0.375221	-2.6651	0.000426028	34.2357	34.2357	0.120751	0.344486
cg04338022	TMCO4	0.00242343	0.60092	0.900968	-1.10992	2.69E-05	5.14589	5.14589	0.89846	1.02555
cg20993090	TMCO4	0.00965133	0.280437	1.14671	1.14671	0.0109238	0.677185	-1.4767	0.210978	0.851446
cg24674887	TMCO4	0.0429272	0.129755	0.409265	-2.4434	0.247466	0.516838	-1.93484	0.0568091	0.308294
cg09133562	TMCO4;TMCO4	0.000178437	0.0306918	1.51186	1.51186	1.73E-06	7.00802	7.00802	0.921269	0.984032
cg00966591	TMCO4;TMCO4	0.000615108	0.76814	0.942171	-1.06138	8.87E-06	6.9682	6.9682	0.820698	1.0468
cg15286206	TMCO5A	0.000201545	0.178543	0.754468	-1.32544	0.00562199	0.488447	-2.0473	0.000954191	0.378929
cg03832697	TMCO5A	0.00296326	0.0486651	0.480053	-2.0831	0.467406	1.2725	1.2725	0.00218579	0.246476
cg03998348	TMCO5A	0.00980066	0.618825	0.833934	-1.19914	0.529367	0.793967	-1.2595	0.00946984	0.304091
cg23254045	TMCO5A	0.0157049	0.0331097	0.1557	-6.42262	0.0038382	0.0545219	-18.3413	0.0355432	0.160919
cg23939604	TMCO6	0.00177478	0.000491368	0.150329	-6.65207	0.643997	1.1753	1.1753	0.779563	0.907196
cg25319233	TMCO6	0.00230785	0.416033	0.712384	-1.40374	0.0663966	0.43174	-2.31621	0.424863	1.39442
cg15646382	TMCO6	0.00587489	0.00204874	0.237834	-4.20461	0.00923287	0.335443	-2.98113	0.00117947	0.207428
cg08315133	TMCO6	0.00745491	0.00674925	0.245885	-4.06694	0.0167122	0.31132	-3.21213	0.0442798	0.39734
cg06566534	TMCO6;TMCO6	0.00286926	0.387523	1.14821	1.14821	0.0167124	1.57746	1.57746	0.916373	0.983745
cg26874999	TMCO7	0.000147734	8.95E-05	0.2533	-3.94788	0.27428	1.24961	1.24961	0.00133612	0.401135
cg04626855	TMCO7	0.000648914	0.0734296	0.716951	-1.3948	0.000101102	0.317072	-3.15386	0.00817893	0.568836
cg00818680	TMCO7	0.00230413	0.00383627	0.453826	-2.20349	0.00885543	1.96487	1.96487	0.0753044	1.49398
cg02524010	TMCO7	0.00267566	0.34843	1.49056	1.49056	0.552907	1.28174	1.28174	0.00363994	0.196599
cg03696603	TMCO7	0.0074037	0.00342823	0.26083	-3.83391	0.000971529	0.190284	-5.25529	0.0111753	0.341356
cg05238606	TMCO7	0.0143677	0.0975319	1.86115	1.86115	0.514964	0.798043	-1.25307	0.567023	0.820617
cg16470877	TMCO7	0.0144079	0.0239005	0.41702	-2.39797	0.0121764	0.362805	-2.7563	0.279225	0.694138
cg08277382	TMCO7	0.0244244	?	?	?	0.445816	0.638944	-1.56508	0.00238333	0.0765024
cg27133493	TMCO7	0.0274756	0.00683398	0.27789	-3.59855	0.0230272	0.370246	-2.70091	0.352059	0.704674
cg04427990	TMCO7	0.033634	0.0118517	0.286371	-3.49198	0.631166	0.824873	-1.21231	0.0459397	0.402313
cg24949396	TMCO7	0.0400004	0.0601494	1.33041	1.33041	0.570293	0.925668	-1.0803	0.929472	0.988151
cg01875838	TMED1	0.000408775	0.0325408	0.375225	-2.66507	0.659526	1.18969	1.18969	0.0165482	0.317618
cg08100233	TMED1	0.000858786	0.043982	0.474021	-2.10961	0.624089	0.852746	-1.17268	0.912568	0.965197
cg11643773	TMED1	0.0275828	0.00173558	0.129946	-7.69552	0.164031	1.9707	1.9707	0.0887988	2.35732
cg15475145	TMED1	0.0366805	0.737571	0.897443	-1.11428	0.150999	0.609464	-1.64079	0.0622379	0.508953
cg18672421	TMED10	0.00257567	0.973466	1.00541	1.00541	0.00578909	1.79712	1.79712	0.00141217	2.11562
cg16097124	TMED10	0.00453835	0.0107948	0.600306	-1.66582	0.0780352	0.73196	-1.3662	0.00372182	0.535575
cg22889620	TMED10	0.00462733	0.00526413	0.394983	-2.53176	0.0111249	2.23334	2.23334	0.0925845	1.59562
cg04892060	TMED10	0.00807359	0.00125016	0.308941	-3.23687	0.0280127	1.90936	1.90936	0.576628	1.1509
cg18829186	TMED10	0.0213529	0.348411	0.633608	-1.57826	0.516986	1.36419	1.36419	0.0309514	3.31174
cg23142035	TMED10	0.04181	0.0343801	0.580633	-1.72226	0.014686	1.94966	1.94966	0.0162203	1.92098
cg12149606	TMED10	0.0430406	0.103831	0.315064	-3.17396	0.00244828	0.0647438	-15.4455	0.0278104	0.184801
cg27150010	TMED10;TMED10	0.0205926	0.0205813	6.48501	6.48501	0.115136	0.323307	-3.09303	0.00364692	0.0679974
cg05051316	TMED1;TMED1	0.00237345	0.122561	1.29241	1.29241	0.0169048	1.56317	1.56317	0.00227219	1.92417
cg03550930	TMED1;TMED1	0.0315662	0.148284	1.37341	1.37341	0.987255	1.00327	1.00327	0.08437	1.47794
cg03500798	TMED2	0.00603035	0.265532	1.15294	1.15294	0.000292566	0.484789	-2.06275	0.0337041	0.737705
ch.12.2619313F	TMED2	0.0138216	0.0074893	0.38478	-2.59888	0.00703968	0.380406	-2.62877	0.318531	1.33111
cg16224018	TMED2	0.0170085	0.39476	0.880327	-1.13594	0.00259979	0.543293	-1.84063	0.0820347	0.754453
cg12546081	TMED3	0.000444122	0.34751	1.15244	1.15244	0.941546	1.01081	1.01081	0.0791616	1.33096
cg05014452	TMED3	0.00411765	0.918337	0.972102	-1.0287	0.00667612	2.64044	2.64044	0.00111772	3.75948
cg05104048	TMED3	0.00993426	0.0516874	0.581192	-1.7206	0.036214	1.81637	1.81637	0.0802058	1.60904
cg17825070	TMED3	0.0299232	0.0312837	0.526246	-1.90025	0.584632	1.15057	1.15057	0.279909	1.3303
cg24735460	TMED4	1.27E-05	9.99E-07	0.381817	-2.61906	2.92E-05	0.54105	-1.84826	0.563721	0.957216
cg01010781	TMED4	0.00168652	0.0232919	0.789536	-1.26657	0.166561	1.13718	1.13718	0.0579887	0.829628
cg07307241	TMED4	0.00383202	0.402389	1.35097	1.35097	0.138643	1.76847	1.76847	0.0840447	1.99531
cg07840972	TMED4	0.0079979	0.154013	1.73757	1.73757	0.302245	1.47242	1.47242	0.360483	1.40543
cg22627950	TMED4	0.00830068	0.104196	0.734227	-1.36198	0.068855	1.42492	1.42492	0.000190835	2.9843
cg21584883	TMED5;CCDC18;TMED5;TMED5;CCDC18;TMED5;TMED5	0.0197611	0.470032	0.884646	-1.1304	0.0012861	0.457244	-2.18702	0.110539	0.748261
cg13580321	TMED5;TMED5;CCDC18;TMED5	5.40E-05	0.839723	1.05355	1.05355	0.328041	0.770986	-1.29704	0.482488	1.20188
cg00856177	TMED5;TMED5;CCDC18;TMED5	0.00104588	0.140851	0.872938	-1.14556	0.663353	0.963122	-1.03829	0.0418476	1.22291
cg13225511	TMED5;TMED5;TMED5	0.00158769	0.673001	1.05597	1.05597	0.000368855	0.481154	-2.07834	0.00835594	0.648951
cg22355895	TMED5;TMED5;TMED5	0.00917294	0.492452	0.827456	-1.20852	0.719032	0.906514	-1.10313	0.0508151	0.546347
cg06642228	TMED5;TMED5;TMED5	0.015349	0.497555	1.15888	1.15888	0.516008	1.15143	1.15143	0.0619333	0.637585

Probeset ID	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00816880	1.78783	0.0110044	0.448459	-2.22986	0.0248734	0.511061	-1.95671	0.0603116	0.587063	-1.70339	0.000220546	4.69912	4.69912	0.0176947	2.06532	2.06532	0.789689	1.06952	1.06952	11.3632	11.3748	0.889791	1
cg22380693	2.45919	0.039223	0.3851	-2.59673	0.00564263	0.233904	-4.27526	0.00333996	0.202398	-4.94077	0.0275838	0.352743	-2.83493	0.0144456	3.33884	3.33884	0.0381603	2.61453	2.61453	11.1157	28.1629	2.25209	1
cg19250101	23.5202	0.496269	2.02204	2.02204	0.12424	0.18331	-5.45525	0.803351	1.28957	1.28957	0.116281	5.69513	5.69513	0.00142771	110.154	110.154	0.734837	1.41411	1.41411	4.33994	71.4063	14.6252	1
cg01427567	1.70172	0.331391	0.706834	-1.41476	0.089471	0.522968	-1.91216	0.0957507	0.530749	-1.88413	0.00549921	0.282629	-3.53821	0.0397944	2.27707	2.27707	0.258246	0.664705	-1.50443	4.05185	7.69176	1.68741	1
cg27375206	-1.55985	0.14517	1.54149	1.54149	0.0429316	0.524958	-1.90491	0.240106	0.711602	-1.40528	0.021692	0.466552	-2.14339	0.0691634	1.75499	1.75499	0.26258	0.723894	-1.38142	3.74939	4.54373	1.07721	1
cg04599149	2.90624	0.396801	1.42481	1.42481	0.0702703	0.437959	-2.28332	0.757903	1.13446	1.13446	0.0252725	2.96059	2.96059	0.00625568	4.27911	4.27911	0.465138	1.35434	1.35434	3.6707	9.67885	2.34381	1
cg12559208	7.67581	0.131861	4.47426	4.47426	0.704444	1.42062	1.42062	0.253493	3.00013	3.00013	0.00394708	35.5917	35.5917	0.0163223	14.9555	14.9555	0.102579	5.18417	5.18417	3.65303	49.1034	11.9483	1
cg07998072	-4.39422	0.00458354	0.154503	-6.47236	0.00240015	0.123328	-8.10846	0.0117642	0.210773	-4.74445	0.000609289	0.0732828	-13.6458	0.0489374	0.328717	-3.04213	0.0222028	0.257554	-3.88269	7.69157	29.8268	3.44698	1
cg07157333	1.82701	0.0543167	0.511501	-1.95503	0.0418706	0.486742	-2.05448	0.0542374	1.95558	1.95558	0.0047122	0.315724	-3.16732	0.0943306	1.75881	1.75881	0.608794	1.17173	1.17173	7.64093	11.4065	1.32695	1
cg09514038	-1.5505	0.752283	0.959566	-1.04214	0.000237675	2.21112	2.21112	0.0101046	0.65506	-1.52658	0.00844474	1.55018	1.55018	0.282843	0.864627	-1.15657	0.446305	0.903763	-1.10648	10.0415	2.7021	0.239195	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00049156	TMED5;TMED5;TMED5	0.0347228	0.0460855	0.324775	-3.07905	0.0104129	0.204503	-4.88991	0.035116	0.298868	-3.34595	0.816866	0.892137	-1.1209	0.0707246	0.370232	-2.70101	0.418725	0.665943	-1.50163	0.00478794	0.158456	-6.3109	0.0292818	0.282665	-3.53775	0.535987	0.734646	-1.3612	3.87827	14.8701	3.40818	1
cg02076747	TMED6	2.15E-05	0.000380306	0.337861	-2.9598	0.0139424	0.559529	-1.78722	0.00754453	0.518271	-1.92949	0.0879609	0.697658	-1.43337	1.63E-06	0.0998107	-10.019	5.13E-05	0.234689	-4.26096	1.92E-05	0.190234	-5.25669	0.542653	1.12504	1.12504	8.51E-05	0.259255	-3.85721	33.2316	19.239	0.51461	1
cg05763324	TMED6	0.00175367	0.0907157	0.719289	-1.39026	0.00141603	0.441902	-2.26294	0.556811	1.11078	1.11078	0.747424	1.05879	1.05879	0.606711	1.09615	1.09615	0.000577469	0.390035	-2.56387	0.945943	1.01206	1.01206	0.00121578	0.432935	-2.30982	0.00140818	0.441575	-2.26462	10.0172	4.95883	0.440027	1
cg01327567	TMED6	0.00963602	0.0550946	0.394396	-2.53552	0.00183711	0.150622	-6.63915	0.0581481	0.400091	-2.49943	0.0858778	0.44396	-2.25245	0.00201544	0.155078	-6.44837	0.0131555	0.268407	-3.72568	0.0121699	0.262703	-3.80658	0.949429	1.02751	1.02751	0.0441049	0.371762	-2.68989	5.98103	17.3367	2.57655	1
cg09547909	TMED6	0.0129145	0.0419668	0.529865	-1.88727	0.217708	1.42105	1.42105	0.359661	1.29073	1.29073	0.182259	0.681393	-1.46758	0.0727828	0.58136	-1.7201	0.00077539	0.251968	-3.96876	0.0966001	0.60999	-1.63937	0.300252	1.33761	1.33761	0.0669471	0.573211	-1.74456	5.44186	6.3288	1.03376	1
cg22043118	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.000689284	0.00158014	0.409998	-2.43904	0.00393568	0.466543	-2.14342	0.00873348	0.518623	-1.92818	0.470216	0.865564	-1.15532	0.00031476	0.317427	-3.15033	0.0920174	1.4398	1.4398	0.558863	0.890324	-1.12319	0.0217583	0.582011	-1.71818	0.000113464	0.263959	-3.78847	13.0673	7.99309	0.543722	1
cg21611170	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.00113005	0.00192982	0.394141	-2.53717	0.00586352	0.465276	-2.14926	0.00343698	0.430373	-2.32357	0.25764	1.28482	1.28482	0.00243577	0.408578	-2.44751	0.0293268	0.58008	-1.7239	0.000155681	0.253129	-3.95055	0.00475202	0.451379	-2.21544	0.0121503	0.515243	-1.94083	11.3647	8.10126	0.633638	1
cg15395441	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.011299	0.0015252	0.154294	-6.48112	0.0183127	0.309567	-3.23031	0.00801613	0.248722	-4.02056	0.297884	1.55572	1.55572	0.00631316	0.233022	-4.29144	0.627073	0.818308	-1.22203	0.161964	0.542504	-1.8433	0.170447	0.549987	-1.81823	0.928549	0.963935	-1.03741	5.68315	15.0966	2.36123	1
cg08675743	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.0115701	0.0399631	0.412431	-2.42465	0.00100008	0.161582	-6.18883	0.0117489	0.309095	-3.23525	0.19272	1.67243	1.67243	0.0190839	0.347036	-2.88155	0.198854	0.602616	-1.65943	0.0341281	0.397599	-2.5151	0.0953666	0.504843	-1.98081	0.136886	0.550048	-1.81802	5.63976	12.43	1.95911	1
cg06507678	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.014765	0.0337998	0.345766	-2.89213	0.152741	0.518802	-1.92752	0.0257727	0.321561	-3.10983	0.67808	0.836222	-1.19585	0.000818862	0.115199	-8.68067	0.395396	0.688692	-1.45203	0.0398645	0.361317	-2.76766	0.65659	0.825512	-1.21137	0.00611295	0.215818	-4.63353	5.2078	15.144	2.58484	1
cg14614693	TMED7-TICAM2;TMED7-TICAM2;TMED7	0.0014748	0.120467	1.93314	1.93314	0.0143605	3.46163	3.46163	0.0481998	2.4633	2.4633	0.000120898	0.0407643	-24.5313	0.834013	0.923344	-1.08302	?	?	?	0.0165652	0.301275	-3.31923	0.174496	1.75272	1.75272	0.0764652	2.1787	2.1787	16.5551	32.0286	1.451	1
cg18886563	TMED7-TICAM2;TMED7;TMED7-TICAM2	0.0014262	0.384683	0.880984	-1.1351	0.0448166	1.38739	1.38739	0.000471891	2.18353	2.18353	0.000493484	2.17195	2.17195	0.014061	0.649851	-1.53882	0.0585998	1.35493	1.35493	0.860662	0.97533	-1.02529	0.0385973	0.711328	-1.40582	0.625343	1.07247	1.07247	10.6327	3.40384	0.284558	1
cg06434353	TMED7-TICAM2;TMED7;TMED7-TICAM2	0.00328788	0.0706722	0.646672	-1.54638	8.21E-05	0.216165	-4.62609	0.332885	0.806084	-1.24057	0.00781493	0.47862	-2.08934	0.231075	0.762533	-1.31142	0.190402	0.741371	-1.34885	0.250864	1.29554	1.29554	0.0731515	0.64968	-1.53922	0.278059	1.27561	1.27561	8.32793	6.14291	0.655669	1
cg15625675	TMED7-TICAM2;TMED7;TMED7-TICAM2	0.00497564	0.0073608	0.392226	-2.54955	0.309202	0.751897	-1.32997	0.0716056	1.72478	1.72478	0.157784	1.50567	1.50567	0.118117	0.631434	-1.5837	0.1711	0.673765	-1.4842	?	?	?	0.000808848	3.9323	3.9323	0.363355	0.77637	-1.28805	7.50716	7.75938	1.0336	1
cg26268287	TMED7-TICAM2;TMED7;TMED7-TICAM2	0.00520527	0.0123393	0.423987	-2.35856	0.0465095	1.87368	1.87368	0.235847	1.40793	1.40793	0.357248	0.770474	-1.2979	0.0834522	0.589974	-1.69499	0.0385433	0.516827	-1.93488	0.00265303	0.318228	-3.1424	0.0227954	2.1179	2.1179	0.0174784	0.450834	-2.21811	7.2489	8.70738	1.06773	1
cg25660838	TMED7;TMED7-TICAM2;TMED7-TICAM2	0.00236313	0.746753	1.05054	1.05054	0.233097	0.826745	-1.20956	0.913383	1.0167	1.0167	0.373348	1.1492	1.1492	0.20336	1.22669	1.22669	0.00858976	0.600459	-1.66539	5.74E-05	0.321191	-3.11342	0.193172	1.23312	1.23312	0.255011	0.834565	-1.19823	9.18276	3.36773	0.325995	1
cg10575841	TMED7;TMED7-TICAM2;TMED7-TICAM2	0.029308	0.966438	0.993933	-1.0061	0.0361239	1.42256	1.42256	0.104221	1.2929	1.2929	0.0118773	0.634969	-1.57488	0.044552	0.716333	-1.396	0.0936249	0.765925	-1.30561	0.151942	0.800926	-1.24855	0.267831	1.18168	1.18168	0.514162	1.10041	1.10041	4.12079	1.36513	0.294469	1
cg23651708	TMED8	0.0426317	0.151578	0.649634	-1.53933	0.0249332	0.472756	-2.11526	0.0167837	0.440716	-2.26904	0.550802	0.844132	-1.18465	0.00453477	0.345891	-2.89109	0.570674	0.851391	-1.17455	0.927414	1.02591	1.02591	0.0746693	0.572674	-1.74619	0.0489663	0.531996	-1.87971	3.59734	4.49046	1.10958	1
cg23543760	TMED8	0.0476851	0.305131	1.1936	1.1936	0.00149755	0.466357	-2.14428	0.0667995	0.710006	-1.40844	0.432803	0.87511	-1.14271	0.691441	0.935677	-1.06875	0.340802	0.849084	-1.17774	0.415683	0.870536	-1.14872	0.0696676	0.713112	-1.40231	0.523516	0.897855	-1.11377	3.44953	1.51739	0.391007	1
cg24946204	TMED9	0.00021285	0.0045986	0.435623	-2.29556	0.0177808	0.529993	-1.88682	0.0501288	0.611373	-1.63566	0.0391054	1.6922	1.6922	0.0452387	0.602849	-1.65879	0.273742	0.778086	-1.28521	9.68E-06	0.122717	-8.14883	0.420986	0.834341	-1.19855	0.000102671	0.21989	-4.54772	18.0634	13.8851	0.683277	1
cg04837280	TMED9	0.00606426	0.0412091	2.43424	2.43424	0.101073	0.507493	-1.97047	0.00470349	4.13283	4.13283	0.0962151	1.99373	1.99373	0.124806	0.533836	-1.87324	0.0781596	0.477468	-2.09438	0.0598184	0.448339	-2.23046	0.00342926	4.48954	4.48954	0.579721	0.80953	-1.23529	6.91637	15.6301	2.00877	1
cg14711366	TMED9	0.00617074	0.0166193	4.34048	4.34048	0.264497	0.557817	-1.7927	0.00920756	5.25625	5.25625	0.0377984	3.3502	3.3502	0.0219786	0.251788	-3.97159	0.70248	0.82479	-1.21243	0.176783	0.486438	-2.05576	0.00213847	8.71402	8.71402	0.815407	0.889251	-1.12454	6.87926	27.4465	3.54645	1
cg06418531	TMED9	0.0129731	0.000841549	0.406102	-2.46243	0.440175	0.86826	-1.15173	0.112954	1.36286	1.36286	0.0884645	0.713716	-1.40112	0.679022	0.92805	-1.07753	0.0495601	0.668939	-1.49491	0.12397	1.34844	1.34844	0.512606	0.887659	-1.12656	0.135025	1.33525	1.33525	5.43383	2.77127	0.453336	1
cg06665799	TMED9	0.0236535	0.314213	0.815275	-1.22658	0.796722	1.05196	1.05196	0.0359318	1.61422	1.61422	0.479946	1.15131	1.15131	0.157039	1.34577	1.34577	0.560937	1.12228	1.12228	0.00107863	0.387806	-2.57861	0.610693	0.904165	-1.10599	0.851795	0.963966	-1.03738	4.44169	2.70857	0.54205	1
cg13876462	TMEFF1	0.00402699	0.00528611	0.588749	-1.69852	0.655834	0.937413	-1.06677	0.194748	0.820674	-1.21851	0.100953	0.771957	-1.29541	0.000263458	0.421529	-2.37232	0.340871	0.868126	-1.15191	0.00159729	0.520729	-1.92038	0.00691644	0.604316	-1.65476	0.516057	0.909483	-1.09953	7.83659	2.57664	0.292263	1
cg14200954	TMEFF1	0.0103938	0.0924693	0.582078	-1.71798	0.000646367	0.216649	-4.61577	0.248034	1.42323	1.42323	0.224602	1.45179	1.45179	0.235311	0.695233	-1.43837	0.352161	1.32289	1.32289	0.0568412	1.87747	1.87747	0.966601	0.987838	-1.01231	0.0541851	0.528025	-1.89385	5.83794	7.89706	1.20241	1
cg06008912	TMEFF2	0.00715384	0.993124	1.00157	1.00157	0.0304151	0.628855	-1.59019	0.0589463	1.47528	1.47528	0.125507	1.35296	1.35296	0.208188	1.27369	1.27369	0.23316	1.25598	1.25598	0.000396571	0.357637	-2.79613	0.263177	0.808421	-1.23698	0.732448	1.06456	1.06456	6.5704	3.45894	0.467949	1
cg15003763	TMEFF2	0.0444523	0.943853	1.02404	1.02404	0.0503194	2.1222	2.1222	0.996381	0.998472	-1.00153	0.185609	0.622902	-1.60539	0.0341193	2.30224	2.30224	0.0762662	1.94486	1.94486	0.0999073	1.83684	1.83684	0.00595565	3.36272	3.36272	0.872088	0.947108	-1.05585	3.54171	6.38003	1.60124	1
cg18040354	TMEM100;TMEM100	0.0118865	0.156011	0.395689	-2.52724	?	?	?	0.0185523	0.174821	-5.72014	0.104013	0.337623	-2.96188	0.000520121	0.0366646	-27.2743	0.227733	0.461406	-2.16729	0.411856	0.598952	-1.66958	0.020378	0.181279	-5.51637	0.558732	1.43508	1.43508	5.70022	29.946	5.25348	1
cg06271190	TMEM100;TMEM100;TMEM100	0.0446018	0.118245	0.481039	-2.07883	0.0665347	0.411586	-2.42962	0.221115	0.574094	-1.74188	0.388407	0.682901	-1.46434	0.0238109	0.312278	-3.20228	0.035084	0.346687	-2.88445	0.00515165	0.203125	-4.92309	0.0188851	0.293191	-3.41075	0.0969445	0.455623	-2.1948	3.53727	10.4292	2.62079	1
cg14685146	TMEM101	1.79E-05	1.89E-05	0.189935	-5.26495	0.810113	1.04702	1.04702	0.00212252	0.438486	-2.28058	0.420915	0.854743	-1.16994	9.53E-07	0.0847321	-11.8019	0.000604158	0.364394	-2.74428	0.00109852	0.398993	-2.50631	0.0493173	1.53462	1.53462	0.000213318	0.30707	-3.25659	34.8595	20.118	0.512992	1
cg01986131	TMEM101	2.15E-05	0.000301781	0.459759	-2.17505	0.628919	1.06652	1.06652	0.00172907	0.553714	-1.80598	0.000478372	0.484368	-2.06455	1.14E-06	0.188076	-5.31699	0.00359711	0.593729	-1.68427	2.15E-05	0.322877	-3.09716	6.40E-05	0.378265	-2.64365	0.0097311	0.648921	-1.54102	33.22	9.20158	0.246213	1
cg12785983	TMEM101	0.000694525	0.802927	0.949293	-1.05342	0.307641	1.24578	1.24578	0.015059	0.536999	-1.8622	0.00484172	0.459503	-2.17626	0.000315557	0.296808	-3.36918	8.85E-05	0.231958	-4.31112	0.123885	1.41451	1.41451	0.411156	0.839549	-1.19112	0.114526	1.42932	1.42932	13.0396	8.9439	0.609692	1
cg17628468	TMEM101	0.00165782	0.205056	1.31149	1.31149	0.781707	1.05795	1.05795	0.44917	1.1693	1.1693	0.0767888	1.49053	1.49053	0.00593141	0.482001	-2.07469	0.000388904	0.317549	-3.14912	0.00159933	2.50486	2.50486	0.612631	1.1091	1.1091	0.0379278	1.62918	1.62918	10.1815	6.63183	0.578988	1
cg12373208	TMEM101	0.00253239	0.878757	0.979299	-1.02114	0.257668	0.850556	-1.1757	0.0349481	1.40042	1.40042	0.00120244	0.522025	-1.91562	0.111831	0.78877	-1.2678	0.186164	0.825253	-1.21175	0.000154206	0.411227	-2.43175	0.916729	0.985771	-1.01443	0.519404	1.09362	1.09362	8.99787	2.67594	0.264353	1
cg16182148	TMEM101	0.00358901	0.0686297	0.836659	-1.19523	0.949634	1.00554	1.00554	0.359932	1.08584	1.08584	0.0334849	0.804633	-1.2428	0.62663	0.958011	-1.04383	0.160803	0.877155	-1.14005	4.87E-05	0.512642	-1.95068	0.311631	0.912479	-1.09592	0.893738	0.988374	-1.01176	8.11257	0.983688	0.107782	1
cg18801599	TMEM101	0.0117847	0.00825631	1.9156	1.9156	0.623408	1.09992	1.09992	0.0241847	1.67732	1.67732	0.438127	1.16438	1.16438	0.0691098	1.47901	1.47901	0.0388043	1.5847	1.5847	0.00320575	0.461092	-2.16877	0.22209	1.2801	1.2801	0.999115	0.999787	-1.00021	5.60631	3.28793	0.521306	1
cg25868286	TMEM101	0.0188689	0.730669	1.04023	1.04023	0.0835797	1.24431	1.24431	0.00548712	1.51703	1.51703	0.0725881	1.25689	1.25689	0.768041	0.966806	-1.03433	0.103079	1.22572	1.22572	0.0190627	0.72333	-1.38249	0.121438	1.21125	1.21125	0.0898053	0.8078	-1.23793	4.79828	0.990002	0.183399	1
cg00739770	TMEM101	0.0238033	0.00605656	0.262937	-3.8032	0.593776	1.22217	1.22217	0.213187	0.613527	-1.62992	0.325378	1.46	1.46	0.00614251	0.263868	-3.78977	0.168982	1.72656	1.72656	0.128754	0.542377	-1.84374	0.0468137	0.428205	-2.33533	0.330248	0.687698	-1.45413	4.432	9.74804	1.95508	1
cg13847066	TMEM101	0.0459667	0.028048	0.757087	-1.32085	0.0443485	0.780608	-1.28105	0.0988844	0.823618	-1.21415	0.996983	0.999595	-1.00041	0.970954	1.00391	1.00391	0.00897122	0.700193	-1.42818	0.271254	0.884412	-1.13069	0.107667	0.828383	-1.20717	0.120804	1.19773	1.19773	3.49754	0.637083	0.161913	1
cg14782678	TMEM102	1.50E-05	0.00010232	0.3147	-3.17762	4.17E-05	3.7127	3.7127	0.00292537	1.98792	1.98792	0.000715023	2.37721	2.37721	0.000519434	2.48384	2.48384	0.176284	0.785335	-1.27334	4.12E-06	6.01307	6.01307	0.191068	1.26198	1.26198	0.0141957	0.601379	-1.66284	36.5331	16.3462	0.39772	1
cg21468274	TMEM102	2.43E-05	0.0446477	0.606393	-1.6491	2.13E-06	12.5044	12.5044	7.23E-06	8.57349	8.57349	0.00274347	2.45205	2.45205	0.0810676	0.657249	-1.52149	0.877946	0.967203	-1.03391	0.0183481	1.86077	1.86077	0.0580227	0.628186	-1.59189	0.705178	1.08597	1.08597	32.1771	23.9937	0.662825	1
cg20287461	TMEM102	0.000303341	?	?	?	0.00777349	5.29167	5.29167	0.000777426	11.9261	11.9261	0.825156	0.897755	-1.11389	0.000455229	0.0677193	-14.7668	0.373211	0.640426	-1.56146	0.000201534	0.0478192	-20.9121	0.0332417	0.297234	-3.36435	0.237034	1.82924	1.82924	16.8071	56.227	3.34544	1
cg24073393	TMEM102	0.0155348	0.380303	0.694945	-1.43896	0.840052	0.921531	-1.08515	0.0462092	2.51837	2.51837	0.020082	3.10867	3.10867	0.16237	1.82794	1.82794	0.00717438	4.07011	4.07011	0.00161414	6.22256	6.22256	0.885379	0.94334	-1.06006	0.916816	0.958632	-1.04315	5.12094	13.2625	2.30209	1
cg05106231	TMEM102	0.0311935	0.142608	0.720413	-1.38809	0.924836	1.01983	1.01983	0.596979	0.894907	-1.11743	0.180401	1.34445	1.34445	0.00116767	0.370917	-2.69602	0.84828	0.96093	-1.04066	0.452347	1.17271	1.17271	0.0598557	0.642862	-1.55554	0.203447	0.75629	-1.32224	4.03047	2.76393	0.609562	1
cg09145391	TMEM102;TMEM102	0.0254927	0.0255914	0.225569	-4.43323	0.0338819	4.01767	4.01767	0.0165822	5.17052	5.17052	0.14498	2.40814	2.40814	0.0445006	0.273752	-3.65294	0.583049	0.73252	-1.36515	0.206133	0.47295	-2.11439	0.257311	0.514913	-1.94208	0.879844	0.918574	-1.08864	4.32772	21.6073	4.43801	1
cg08546016	TMEM104	0.00916745	0.158558	1.48532	1.48532	0.00575281	0.386707	-2.58593	0.0211527	0.483042	-2.07021	0.00537591	0.382075	-2.61729	0.00191258	0.315454	-3.17003	0.351123	0.777316	-1.28648	0.0457462	0.548153	-1.82431	0.711347	0.907039	-1.10249	0.157619	0.672571	-1.48683	6.0767	6.63175	0.970081	1
cg05205528	TMEM104	0.0101567	0.098093	0.824667	-1.21261	0.188359	0.862359	-1.15961	0.00554924	0.679011	-1.47273	0.0554352	0.794018	-1.25942	0.0249454	1.32774	1.32774	0.0189034	1.35263	1.35263	0.0365276	1.29457	1.29457	0.515697	0.932373	-1.07253	0.754556	1.03388	1.03388	5.88128	1.05138	0.158904	1
cg15596712	TMEM104	0.0103208	0.291891	1.16294	1.16294	0.0223741	1.45897	1.45897	0.0011523	1.93341	1.93341	0.0238064	1.45113	1.45113	0.164912	1.2269	1.2269	0.00162093	1.86561	1.86561	0.0263496	1.43844	1.43844	0.539203	1.0896	1.0896	0.719841	1.05097	1.05097	5.85116	1.76554	0.268215	1
cg09801825	TMEM104;NAT9	3.96E-05	8.96E-06	0.147646	-6.77294	0.58151	1.11703	1.11703	0.778715	0.945535	-1.0576	0.691019	1.08267	1.08267	6.15E-05	0.230033	-4.3472	0.000154038	0.275438	-3.63058	0.000722983	0.359716	-2.77997	0.000333985	0.316457	-3.15999	3.93E-05	0.209203	-4.78004	28.3142	17.7236	0.556409	1
cg07204069	TMEM104;NAT9	0.000525074	0.150699	0.847222	-1.18033	0.709834	1.04105	1.04105	0.63025	0.94913	-1.0536	0.000850681	0.582962	-1.71538	0.000809882	0.580521	-1.72259	0.354391	0.902526	-1.108	1.82E-05	0.390063	-2.56369	0.466163	1.0831	1.0831	0.875318	0.98324	-1.01705	14.0977	2.58704	0.163118	1
cg01290345	TMEM104;NAT9	0.00513497	0.0148841	0.564478	-1.77155	0.857281	0.966215	-1.03497	0.00401301	2.09196	2.09196	0.0626051	0.670279	-1.49192	0.00773584	0.520394	-1.92162	0.133186	0.733963	-1.36247	0.00196569	0.433743	-2.30551	0.211773	0.777907	-1.2855	0.172568	0.757928	-1.31939	7.27912	4.20242	0.513178	1
cg06624832	TMEM104;NAT9	0.00550171	0.0598215	0.804098	-1.24363	0.0223278	1.32458	1.32458	0.000454256	1.76338	1.76338	0.216464	0.874998	-1.14286	0.385778	0.912757	-1.09558	0.592357	1.05706	1.05706	0.211973	0.873727	-1.14452	0.0152981	1.35759	1.35759	0.685951	0.959123	-1.04262	7.12687	1.18979	0.148394	1
cg27076608	TMEM104;NAT9	0.0159777	0.00270315	0.219889	-4.54774	0.232894	0.633068	-1.57961	0.911575	0.960212	-1.04144	0.108936	0.527851	-1.89447	0.00635467	0.272993	-3.6631	0.0905612	0.505836	-1.97692	0.00359229	0.236661	-4.22545	0.113157	0.532526	-1.87784	0.0315934	0.398041	-2.5123	5.07334	10.7331	1.88052	1
cg08006076	TMEM104;NAT9	0.0351287	0.170814	0.499589	-2.00164	0.116353	0.443989	-2.25231	0.174234	1.98927	1.98927	0.0654768	0.373895	-2.67455	0.00193798	0.124088	-8.05881	?	?	?	0.41415	0.672184	-1.48769	0.840798	1.10043	1.10043	0.688811	0.825675	-1.21113	3.92467	12.5101	3.18756	1
cg20719001	TMEM105	0.000247497	0.00081326	0.580593	-1.72238	0.0250421	0.750455	-1.33253	3.28E-05	0.419541	-2.38355	0.26685	0.882872	-1.13267	0.000815105	0.580706	-1.72204	0.0756582	1.23731	1.23731	0.0237628	0.747799	-1.33726	0.0031724	1.54346	1.54346	0.731263	0.963555	-1.03782	17.3374	3.18427	0.163257	1
cg09695261	TMEM105	0.00128023	0.29041	1.60145	1.60145	0.00238375	0.162441	-6.15608	0.671638	1.20082	1.20082	0.870156	0.932196	-1.07274	0.000460871	0.093854	-10.6548	0.374458	0.676203	-1.47885	0.485507	1.35551	1.35551	0.000119405	0.0557056	-17.9515	0.932112	1.03724	1.03724	10.9671	31.9952	2.59324	1
cg13304825	TMEM105	0.00406069	0.234952	1.27418	1.27418	0.00153541	2.42844	2.42844	0.606456	0.903805	-1.10643	0.233775	1.27503	1.27503	0.193198	0.764898	-1.30736	0.000661875	2.7591	2.7591	0.35686	1.20255	1.20255	0.0018285	2.36774	2.36774	0.728777	1.0701	1.0701	7.81692	4.69033	0.533353	1
cg13416007	TMEM105	0.00938043	0.209603	0.794735	-1.25828	0.0970252	1.37224	1.37224	0.00402608	0.511058	-1.95672	0.271544	1.22002	1.22002	0.225953	0.801786	-1.24722	0.0021993	0.474328	-2.10825	0.0980742	1.37063	1.37063	0.632134	0.919617	-1.08741	0.0451814	0.670823	-1.49071	6.03248	2.88394	0.42495	1
cg03841376	TMEM105	0.0249653	0.0610082	0.506416	-1.97466	0.659114	1.15379	1.15379	0.616424	0.849806	-1.17674	0.192503	0.641155	-1.55969	0.00338072	0.276835	-3.61226	0.225287	0.663395	-1.5074	0.187855	1.56788	1.56788	0.00814714	0.335759	-2.97833	0.368205	1.34694	1.34694	4.35934	7.16931	1.46185	1
cg16463557	TMEM105	0.0415944	0.0997365	0.670065	-1.49239	0.540646	1.14737	1.14737	0.00681907	0.459366	-2.17691	0.519015	1.15614	1.15614	0.164071	0.719254	-1.39033	0.287961	0.782824	-1.27743	0.085886	1.52386	1.52386	0.202415	1.34809	1.34809	0.0713996	0.639621	-1.56343	3.63035	2.83212	0.693441	1
cg01905773	TMEM105	0.0456057	0.591896	0.929144	-1.07626	0.0934868	0.778389	-1.2847	0.207302	0.834776	-1.19793	0.420546	0.894264	-1.11824	0.32142	1.14926	1.14926	0.558509	1.08367	1.08367	0.00210227	1.79943	1.79943	0.428413	1.11605	1.11605	0.684952	1.05696	1.05696	3.50791	1.02463	0.259638	1
cg18222083	TMEM106A	0.00348343	0.0133698	0.0484468	-20.6412	0.468451	2.07264	2.07264	0.258902	3.20205	3.20205	0.245015	3.32509	3.32509	0.0276678	13.0943	13.0943	0.262144	3.17476	3.17476	0.000242106	0.00248315	-402.714	0.072948	0.138598	-7.21513	0.154261	0.221624	-4.51215	8.18542	126.551	13.7427	1
cg03049782	TMEM106A	0.0063525	0.00301796	0.120394	-8.30608	0.846958	1.10584	1.10584	0.156658	2.20086	2.20086	0.626258	1.29117	1.29117	0.316509	1.71463	1.71463	0.628901	1.28861	1.28861	0.00135532	0.0887006	-11.2739	0.012059	0.195923	-5.10406	0.0320581	0.270453	-3.6975	6.81772	29.2746	3.8168	1
cg04482110	TMEM106A	0.0109012	0.0109858	0.175887	-5.68548	0.986538	0.990853	-1.00923	0.185585	2.14792	2.14792	0.518796	0.700302	-1.42796	0.0459018	3.47721	3.47721	0.834469	1.12072	1.12072	0.00406265	0.122346	-8.17356	0.0299402	0.248817	-4.01901	0.013193	0.187599	-5.33051	5.7492	27.01	4.17604	1
cg21211480	TMEM106A	0.0110764	0.0288184	0.133412	-7.49557	0.846303	1.16374	1.16374	0.074508	4.72351	4.72351	0.37751	2.02901	2.02901	0.582982	1.54228	1.54228	0.828831	1.18434	1.18434	0.00205062	0.0335629	-29.7948	0.0131431	0.0904695	-11.0534	0.0202947	0.112322	-8.90301	5.71974	55.3089	8.5954	1
cg21689291	TMEM106A	0.0196873	0.0334857	0.342691	-2.91808	0.0406559	0.360994	-2.77013	0.0162542	0.28169	-3.55	0.365549	0.669799	-1.49298	0.00516003	0.203505	-4.91389	0.00959181	0.243238	-4.1112	0.00912391	0.239824	-4.16972	0.573258	0.782429	-1.27807	0.0358788	0.349099	-2.86451	4.7298	13.9209	2.61621	1
cg19548479	TMEM106A	0.0199523	0.00548641	0.0997749	-10.0226	0.476379	1.57945	1.57945	0.560772	1.44957	1.44957	0.262581	2.09029	2.09029	0.75964	0.823903	-1.21374	0.944372	1.04503	1.04503	0.00712118	0.111452	-8.97251	0.00939458	0.125106	-7.99322	0.139007	0.365979	-2.73239	4.70838	29.7109	5.60908	1
cg24940138	TMEM106A	0.026137	0.00664745	0.0400639	-24.9601	0.57308	1.68225	1.68225	0.117195	4.73271	4.73271	0.685843	1.44985	1.44985	0.476256	1.93798	1.93798	0.875958	1.15337	1.15337	0.0161303	0.0679456	-14.7177	0.0362641	0.108186	-9.24338	0.0521433	0.132945	-7.52192	4.29019	56.6948	11.7467	1
cg15026277	TMEM106A	0.0359683	0.0253758	0.0825805	-12.1094	0.576708	1.69761	1.69761	0.0783485	6.2664	6.2664	0.409228	2.20799	2.20799	0.814657	1.24655	1.24655	0.518908	1.84719	1.84719	0.0112946	0.0509109	-19.6422	0.0414111	0.109991	-9.09169	0.116989	0.202279	-4.94367	3.82906	53.4097	12.3987	1
cg24008544	TMEM106A;TMEM106A	0.0261249	0.0207331	0.086348	-11.581	0.669617	1.45868	1.45868	0.0938337	5.05628	5.05628	0.263028	2.79102	2.79102	0.321688	2.46092	2.46092	0.447192	1.97674	1.97674	0.0164556	0.0759093	-13.1736	0.0142329	0.0699636	-14.2932	0.193263	0.297906	-3.35677	4.29088	52.5796	10.8923	1
cg23422036	TMEM106B;TMEM106B	0.000386559	0.0650901	0.736023	-1.35865	0.12573	1.27602	1.27602	0.0215378	1.51145	1.51145	0.329385	1.15834	1.15834	0.165464	0.804833	-1.24249	8.09E-06	0.197268	-5.06926	0.536853	0.912972	-1.09532	0.055548	0.725015	-1.37928	0.0238518	0.668295	-1.49635	19.2457	6.30135	0.254657	1
cg24949795	TMEM106B;TMEM106B	0.00540815	0.845149	1.0731	1.0731	0.870635	0.942895	-1.06056	0.707971	0.873054	-1.1454	0.185599	0.602662	-1.6593	0.761761	0.896103	-1.11594	0.00370951	0.243051	-4.11436	0.000116325	0.0874662	-11.433	0.248481	0.647113	-1.54533	0.748661	1.12297	1.12297	7.16449	14.7694	1.83242	1
cg09613507	TMEM106B;TMEM106B	0.0359365	0.512404	1.15425	1.15425	0.0261236	0.565613	-1.76799	0.101092	0.678646	-1.47352	0.935588	0.9827	-1.0176	0.739949	0.930607	-1.07457	0.023059	0.556129	-1.79814	0.0322308	1.71858	1.71858	0.0841725	1.51063	1.51063	0.192886	0.742655	-1.34652	3.83029	2.82784	0.656251	1
cg24836830	TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.00139323	0.000725188	0.51996	-1.92322	0.00990608	1.51368	1.51368	0.222757	1.17704	1.17704	0.652206	0.943913	-1.05942	0.160563	1.2101	1.2101	0.00200969	0.57433	-1.74116	0.000905818	0.531789	-1.88045	0.622534	1.06516	1.06516	0.778676	1.0365	1.0365	10.7044	2.74415	0.227872	1
cg09429077	TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.00765506	0.00808394	0.620659	-1.61119	0.0123949	1.54917	1.54917	0.00358917	0.574325	-1.74117	0.112856	0.784524	-1.27466	0.604152	0.929093	-1.07632	0.0492689	1.37106	1.37106	0.294537	0.858235	-1.16518	0.306351	0.861635	-1.16058	0.120771	1.26695	1.26695	6.43261	2.01454	0.278379	1
cg02495760	TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.0204253	0.629821	1.17505	1.17505	0.776415	0.909759	-1.09919	0.17374	0.618338	-1.61724	0.502306	0.797592	-1.25377	0.00223873	0.241311	-4.14403	0.12935	0.580232	-1.72345	0.00216477	0.23936	-4.1778	0.0459855	0.467823	-2.13756	0.226911	0.656131	-1.52409	4.67102	8.16218	1.55325	1
cg05360176	TMEM106C;TMEM106C;TMEM106C;TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.0442922	0.807112	0.893855	-1.11875	0.556063	0.760985	-1.31409	0.206988	1.84132	1.84132	0.953065	0.97336	-1.02737	?	?	?	?	?	?	0.105424	0.444201	-2.25123	0.0115178	4.26185	4.26185	0.0208751	3.58019	3.58019	3.66841	9.50918	2.96249	1
cg23660014	TMEM107;TMEM107	0.00253903	0.969806	1.01363	1.01363	0.0601268	0.468503	-2.13446	0.00630407	3.56833	3.56833	0.573187	1.22574	1.22574	0.000814162	0.164476	-6.07993	0.0285974	0.397134	-2.51804	0.00222514	0.216109	-4.62729	0.0111936	0.320905	-3.11619	0.196191	0.613435	-1.63017	8.99094	18.2057	1.7999	1
cg23293329	TMEM107;TMEM107	0.0190585	0.0270827	0.575646	-1.73718	0.538436	1.14049	1.14049	0.00757253	0.484322	-2.06474	0.533483	1.14237	1.14237	0.803753	1.05395	1.05395	0.0140222	1.89686	1.89686	0.692716	1.08744	1.08744	0.0234103	1.77101	1.77101	0.610708	0.897312	-1.11444	4.78209	3.37351	0.627064	1
cg02571905	TMEM107;TMEM107;TMEM107;TMEM107	0.00140702	0.328879	0.907429	-1.10201	0.0224826	1.30148	1.30148	0.000391749	1.72402	1.72402	0.708508	1.03687	1.03687	0.00137491	0.63927	-1.56428	0.159715	0.865173	-1.15584	0.00913757	0.72674	-1.37601	0.421014	1.08247	1.08247	0.0374398	0.792333	-1.2621	10.6742	1.57089	0.130815	1
cg13261802	TMEM108;TMEM108	0.00139526	0.0062632	0.667782	-1.49749	0.000357078	0.522299	-1.91461	0.348796	1.11554	1.11554	0.00622889	1.49812	1.49812	0.843226	1.0227	1.0227	0.866656	0.98113	-1.01923	0.809301	0.972965	-1.02779	0.000761643	0.560868	-1.78295	0.384774	1.10629	1.10629	10.6999	2.17768	0.180909	1
cg11496559	TMEM108;TMEM108	0.0188723	0.0553936	0.433785	-2.30529	0.0050184	0.239837	-4.16949	0.0106054	0.290502	-3.44231	0.957067	1.02092	1.02092	0.0315092	0.379044	-2.63822	0.180481	0.578684	-1.72806	0.00396338	0.22531	-4.43833	0.031227	0.378227	-2.64392	0.229739	0.615874	-1.62371	4.79798	11.242	2.08272	1
ch.3.2634542F	TMEM108;TMEM108	0.0301353	0.154281	0.429527	-2.32814	?	?	?	0.00486966	0.126376	-7.91288	0.0102439	0.166376	-6.01048	0.0147783	0.189696	-5.27161	0.688415	1.2503	1.2503	0.142513	0.417459	-2.39544	0.503238	0.686285	-1.45712	0.173511	0.448214	-2.23108	4.14886	17.9366	4.32325	1
cg00871560	TMEM108;TMEM108	0.0349278	0.0280966	0.216868	-4.6111	0.0447782	0.257314	-3.8863	0.240539	0.484766	-2.06285	0.347789	0.565716	-1.76767	0.0157212	0.174746	-5.72259	0.0486538	0.265249	-3.77004	0.00566411	0.117769	-8.49123	0.0254828	0.209194	-4.78025	0.049679	0.267281	-3.74138	3.87002	21.2845	4.88876	1
cg22264980	TMEM108;TMEM108	0.0386453	0.481698	1.20888	1.20888	0.0597179	0.569157	-1.75698	0.0685191	0.58222	-1.71756	0.156277	1.49524	1.49524	0.2001	0.698356	-1.43193	0.529153	0.844416	-1.18425	0.0145415	0.45003	-2.22207	0.028572	1.98421	1.98421	0.646991	0.884877	-1.1301	3.73007	4.15661	0.990535	1
cg24198558	TMEM108;TMEM108	0.0421882	0.910563	1.04144	1.04144	0.327461	1.44098	1.44098	0.176119	0.594645	-1.68167	0.64746	1.18104	1.18104	0.821183	0.921442	-1.08526	0.274171	0.662846	-1.50865	0.000882716	0.1651	-6.05694	0.804502	1.09377	1.09377	0.765637	0.897596	-1.11409	3.61133	7.4701	1.83868	1
cg15961993	TMEM108;TMEM108	0.0455102	0.0914877	0.305944	-3.26857	0.0124522	0.137807	-7.2565	0.0164742	0.154501	-6.47244	0.152376	0.376433	-2.65652	0.0564642	0.252511	-3.96022	0.0673993	0.270866	-3.69186	0.0128325	0.139522	-7.16734	0.258827	0.471983	-2.11872	0.0382443	0.216423	-4.62059	3.51067	22.5829	5.71793	1
cg00052578	TMEM108;TMEM108	0.0481525	0.0468193	0.395218	-2.53025	0.0273675	0.344836	-2.89993	0.878567	1.06435	1.06435	0.651363	1.20388	1.20388	0.00574266	0.228367	-4.37892	0.158755	0.54095	-1.8486	0.0275457	0.345408	-2.89513	0.491568	0.752046	-1.32971	0.874786	1.06644	1.06644	3.43685	9.05631	2.34228	1
cg09090724	TMEM108;TMEM108;TMEM108;TMEM108	0.0154727	0.310718	0.748705	-1.33564	0.266219	1.37665	1.37665	0.593279	0.861783	-1.16038	0.945436	1.01907	1.01907	0.000282143	0.194446	-5.14282	0.044533	0.529114	-1.88995	0.228756	0.705725	-1.41698	0.289136	0.73815	-1.35474	0.486498	0.822754	-1.21543	5.12774	6.1831	1.07183	1
cg09954549	TMEM109	0.00188529	0.459484	0.859928	-1.16289	0.106578	1.42342	1.42342	0.0207496	0.572441	-1.74691	0.777016	0.944696	-1.05854	0.0185721	1.77162	1.77162	0.000117964	0.259121	-3.85919	0.00418852	0.463632	-2.15689	0.925343	1.01896	1.01896	0.256275	0.78865	-1.26799	9.80905	6.23699	0.565191	1
cg02442820	TMEM109	0.00281414	0.0828248	0.639643	-1.56337	0.00154786	2.8836	2.8836	0.00051379	3.53021	3.53021	0.206355	1.36353	1.36353	0.0674111	0.620795	-1.61084	0.806973	0.944643	-1.0586	0.109805	0.666625	-1.50009	0.0867989	0.644028	-1.55273	0.553703	0.869909	-1.14955	8.72195	7.47598	0.761906	1
cg03555909	TMEM109	0.0134328	0.338897	1.41478	1.41478	0.991373	1.0038	1.0038	0.139781	1.75598	1.75598	0.428627	0.752759	-1.32845	0.0536266	0.456873	-2.18879	0.000591699	0.135464	-7.38205	0.62179	0.839937	-1.19057	0.448594	1.31172	1.31172	0.0965423	1.91287	1.91287	6.05456	11.5229	1.48024	1
cg17229496	TMEM109	0.0159726	0.634337	1.20516	1.20516	0.522852	0.777087	-1.28686	0.35457	1.44906	1.44906	0.360469	0.693407	-1.44215	0.000267013	0.0972604	-10.2817	0.392774	1.40629	1.40629	0.46379	0.747957	-1.33698	0.89271	1.05396	1.05396	0.484205	1.31899	1.31899	5.07388	12.1884	2.13527	1
ch.11.1155333	TMEM109	0.0240934	0.00257834	0.227924	-4.38742	0.786039	1.10109	1.10109	0.206536	0.624044	-1.60245	0.14605	0.575613	-1.73728	0.0154524	0.349376	-2.86224	0.0460917	0.445329	-2.24553	0.0255375	0.390953	-2.55785	0.293142	1.47105	1.47105	0.92381	0.966711	-1.03444	4.41346	8.75606	1.76351	1
cg13342387	TMEM109	0.0244508	0.141424	0.796573	-1.25538	0.11506	0.781576	-1.27947	0.764688	0.957744	-1.04412	0.141533	1.25529	1.25529	0.00242456	1.83543	1.83543	0.0987902	0.770799	-1.29735	0.617612	1.07507	1.07507	0.0600663	1.35672	1.35672	0.929012	0.987266	-1.0129	4.39098	1.43856	0.291215	1
cg07346676	TMEM109;TMEM109	0.0195654	0.0140188	0.64153	-1.55877	0.758986	0.955967	-1.04606	0.78471	0.960722	-1.04088	0.0542277	0.726381	-1.37669	0.324768	0.861742	-1.16044	0.407562	1.13198	1.13198	0.0011893	0.498885	-2.00447	0.425166	1.12656	1.12656	0.286336	1.17588	1.17588	4.73977	1.60738	0.301445	1
cg14485377	TMEM110	0.00176048	0.0071788	0.736186	-1.35835	0.0120902	0.758735	-1.31798	0.0809649	0.843031	-1.1862	0.246456	0.898567	-1.11288	0.0452438	0.816517	-1.22471	0.0533011	0.823882	-1.21377	7.13E-05	0.527909	-1.89426	0.582714	0.952214	-1.05018	0.0249936	1.26535	1.26535	10.006	1.23402	0.109626	1
cg26102096	TMEM110	0.00598901	0.0973849	0.541566	-1.8465	0.495306	1.26294	1.26294	0.260523	1.48537	1.48537	0.128477	0.574669	-1.74013	0.000131325	0.106715	-9.37075	0.0237197	0.40242	-2.48497	0.284814	0.687584	-1.45437	0.93765	1.02673	1.02673	0.823684	1.07814	1.07814	6.94309	12.4994	1.60023	1
cg25643088	TMEM110	0.0081596	0.024835	1.30076	1.30076	0.00396582	0.682915	-1.46431	0.27676	0.894613	-1.1178	0.0225935	0.764298	-1.30839	0.00448986	0.688705	-1.452	0.52917	1.06477	1.06477	0.636665	1.04796	1.04796	0.7379	1.03361	1.03361	0.0834117	1.20762	1.20762	6.30481	0.967708	0.136433	1
cg11485012	TMEM110	0.0183945	0.536897	0.869977	-1.14946	0.0652271	0.630605	-1.58578	0.00402863	0.422923	-2.3645	0.0340339	0.576298	-1.73521	0.00706684	0.460488	-2.17161	0.415763	0.830867	-1.20356	0.00896648	0.47694	-2.0967	0.422967	1.19999	1.19999	0.0590955	0.622039	-1.60762	4.83968	3.80344	0.698566	1
cg02331649	TMEM110	0.0284579	0.202055	0.450806	-2.21825	0.0487401	0.264118	-3.78619	0.389673	0.593696	-1.68436	0.29282	0.524403	-1.90693	0.00314737	0.0918857	-10.8831	0.335734	0.555924	-1.79881	0.0436283	0.253586	-3.94343	0.0346898	4.29029	4.29029	0.193027	0.442735	-2.25869	4.1639	23.0711	4.92511	1
cg16947394	TMEM110	0.0346765	0.0368602	0.555523	-1.8001	0.307768	0.774161	-1.29172	0.538623	0.85989	-1.16294	0.277511	1.31498	1.31498	0.0173279	0.495238	-2.01923	0.771151	0.931726	-1.07328	0.0101364	0.455488	-2.19545	0.0155619	0.487084	-2.05303	0.0522005	0.585414	-1.70819	3.88014	3.61271	0.827623	1
cg00376019	TMEM110	0.0425676	0.879525	1.0402	1.0402	0.332638	0.771285	-1.29654	0.262364	1.35483	1.35483	0.793738	1.07046	1.07046	0.0514214	0.561999	-1.77936	0.0850968	0.609751	-1.64001	0.00871867	0.419611	-2.38316	0.287472	1.3324	1.3324	0.0552566	1.75883	1.75883	3.59935	3.84908	0.950562	1
cg04865290	TMEM110	0.0452835	0.752897	1.09756	1.09756	0.0032209	3.26996	3.26996	0.0171279	2.35468	2.35468	0.211235	0.678266	-1.47435	0.42038	1.2746	1.2746	0.264134	1.40927	1.40927	0.920085	1.03002	1.03002	0.0703637	1.81513	1.81513	0.81252	1.07254	1.07254	3.51724	4.83925	1.22299	1
cg26555149	TMEM111	3.76E-05	0.841458	1.04416	1.04416	0.00477007	2.24427	2.24427	0.000748907	0.331708	-3.0147	0.00012512	0.236477	-4.22875	0.933549	0.982169	-1.01816	0.00432181	0.439106	-2.27736	1.27E-06	0.0680259	-14.7003	0.0674783	0.64274	-1.55584	0.178071	0.734369	-1.36171	28.692	21.1526	0.655313	1
cg17445266	TMEM111	0.000399109	0.456465	0.874117	-1.14401	0.378379	0.851864	-1.1739	0.276202	1.22254	1.22254	0.813212	1.04288	1.04288	0.0191775	0.604877	-1.65323	0.165616	0.769268	-1.29994	5.07E-06	0.158561	-6.3067	0.0129282	0.578463	-1.72872	0.262179	1.23048	1.23048	15.2095	7.58065	0.443034	1
cg24633833	TMEM111	0.00750957	0.19709	0.750828	-1.33186	0.033346	0.592961	-1.68645	0.0655106	1.54408	1.54408	0.518209	0.871396	-1.14758	0.00130476	0.373882	-2.67464	0.0607575	1.55936	1.55936	0.0447844	1.6227	1.6227	0.0469184	0.620013	-1.61287	0.443247	1.17855	1.17855	6.47142	4.52669	0.621768	1
cg14583999	TMEM111	0.00939295	0.0161847	0.240882	-4.1514	0.00249049	0.130841	-7.64288	0.00411968	0.15538	-6.43583	0.045827	0.330316	-3.02741	0.0565413	0.351841	-2.84219	0.0488273	0.33667	-2.97027	0.00324759	0.143377	-6.97463	0.508581	0.722887	-1.38334	0.0147192	0.233919	-4.27499	6.02992	22.3613	3.29634	1
cg21531657	TMEM111	0.0135439	0.053922	0.357211	-2.79946	0.00986635	0.215645	-4.63725	0.0519814	0.353407	-2.8296	0.0172013	0.255209	-3.91836	0.00114548	0.105481	-9.48039	0.0193417	0.264297	-3.78362	0.405476	0.670048	-1.49243	0.968639	1.01867	1.01867	0.036086	0.317649	-3.14813	5.35781	18.7806	3.11581	1
cg18215716	TMEM111	0.0394871	0.0622564	0.617863	-1.61848	0.0822504	0.642983	-1.55525	0.0481272	1.67896	1.67896	0.422807	1.20662	1.20662	0.100726	1.51047	1.51047	0.648378	1.11107	1.11107	0.0983911	0.659803	-1.5156	0.03667	0.572968	-1.7453	0.120462	0.679514	-1.47164	3.70067	3.08448	0.740881	1
cg21666889	TMEM111	0.0401141	0.0185115	0.73676	-1.35729	0.81529	0.975282	-1.02534	0.00523847	0.674423	-1.48275	0.271637	0.884799	-1.1302	0.575603	0.9413	-1.06236	0.00776925	0.693785	-1.44137	0.729742	1.03779	1.03779	0.920727	0.98941	-1.0107	0.140456	0.843998	-1.18484	3.67927	0.66658	0.161041	1
cg02799427	TMEM114	0.0185728	0.00536763	0.153766	-6.50337	0.0663138	0.349314	-2.86276	0.512627	0.7124	-1.40371	0.398145	0.642883	-1.55549	0.00586027	0.158508	-6.30885	0.100588	0.399103	-2.50562	0.00363024	0.134002	-7.4626	0.0292851	0.269454	-3.71121	0.051963	0.323292	-3.09317	4.82396	19.9251	3.6715	1
cg01948275	TMEM114	0.0291762	0.955271	1.01274	1.01274	0.135949	0.69578	-1.43724	0.0168954	0.517944	-1.93071	0.0971705	0.663017	-1.50826	0.00485801	0.430419	-2.32332	0.201636	0.737573	-1.3558	0.0976207	0.663454	-1.50726	0.00396642	0.417055	-2.39777	0.459518	0.84366	-1.18531	4.12737	3.33119	0.717419	1
cg01823269	TMEM115	0.00399514	0.33431	0.917262	-1.0902	0.260644	0.90325	-1.10711	0.159219	1.13938	1.13938	0.095833	0.853299	-1.17192	0.0475036	1.21726	1.21726	0.000128926	0.561499	-1.78095	0.13741	0.870436	-1.14885	0.139449	0.871153	-1.1479	0.228544	1.11584	1.11584	7.85537	0.935847	0.105898	1
cg18354370	TMEM115	0.00411223	0.28082	0.752187	-1.32946	0.989397	1.00338	1.00338	0.331878	0.775448	-1.28958	0.535416	1.17285	1.17285	0.000505503	0.251373	-3.97815	0.0033468	0.362657	-2.75743	0.00146024	0.311119	-3.21421	0.730941	1.09165	1.09165	0.0206533	0.492621	-2.02996	7.78722	7.95924	0.908525	1
cg20936348	TMEM115	0.0176585	0.0816344	0.423405	-2.3618	0.250008	0.585462	-1.70805	0.353545	0.653709	-1.52973	0.0117752	0.246352	-4.05923	0.000550111	0.0916835	-10.9071	0.0673667	0.401388	-2.49136	0.0698966	0.405515	-2.466	0.464834	0.718006	-1.39275	0.0444856	0.357842	-2.79453	4.9066	15.4116	2.79199	1
cg00152768	TMEM115	0.0178014	0.00320236	0.663124	-1.50801	0.0838022	1.21573	1.21573	0.723159	1.03698	1.03698	0.100127	0.832001	-1.20192	0.0783752	0.81904	-1.22094	0.206909	0.872938	-1.14556	0.0735432	1.22591	1.22591	0.0598568	1.24206	1.24206	0.647594	1.04811	1.04811	4.89334	0.80775	0.14673	1
cg02871925	TMEM115	0.0249102	0.0113812	0.110106	-9.08212	0.0251993	0.156632	-6.38438	0.0502244	0.211263	-4.73345	0.0597093	0.227679	-4.39214	0.0534116	0.216959	-4.60916	0.0642105	0.234961	-4.25603	0.0073733	0.0902857	-11.0759	0.0120008	0.11277	-8.86762	0.0277804	0.163438	-6.11852	4.36269	33.5132	6.82825	1
cg23406136	TMEM115	0.0250302	0.03682	0.531045	-1.88308	0.73842	0.91625	-1.09141	0.901616	0.968239	-1.0328	0.279556	1.34095	1.34095	0.03074	0.515689	-1.93915	0.18672	0.694008	-1.44091	0.00887513	0.419308	-2.38488	0.00306385	0.347054	-2.8814	0.485803	0.831244	-1.20302	4.3554	4.69816	0.958842	1
cg19711782	TMEM115	0.0375668	0.031802	0.347971	-2.8738	0.0092073	0.24983	-4.00271	0.691316	0.845838	-1.18226	0.141177	0.514865	-1.94226	0.00847507	0.244183	-4.09529	0.0955895	0.463932	-2.15549	0.0227647	0.318718	-3.13757	0.0342183	0.354697	-2.81931	0.225049	0.585932	-1.70668	3.7689	10.5046	2.47749	1
cg08014768	TMEM115	0.0406667	0.114013	0.851021	-1.17506	0.302964	0.904732	-1.1053	0.321786	0.908427	-1.1008	0.0173541	0.761971	-1.31239	0.283737	1.11015	1.11015	0.579981	1.05385	1.05385	0.0467709	1.23813	1.23813	0.0222242	1.29326	1.29326	0.783896	1.02613	1.02613	3.66076	0.510427	0.12394	1
cg00781540	TMEM115;TMEM115	0.0286701	0.719207	0.897605	-1.11408	0.401455	0.773401	-1.29299	0.95295	1.01781	1.01781	0.114111	0.597931	-1.67243	0.45218	0.795188	-1.25756	0.805517	0.928845	-1.07661	0.000368858	0.181578	-5.50729	0.89021	0.959517	-1.04219	0.882798	0.95682	-1.04513	4.15299	5.88885	1.26042	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg16868784	TMEM116	0.00222106	0.0397603	1.67097	0.667776	0.639587	-1.56351	0.131092	0.685257	1.45931	0.92343	1.02113	0.00321507	0.417108	2.39746	0.103612	1.47265	1.47265	0.000118183	0.231013	-4.32875	0.858878	0.962037	-1.03946	0.672865	0.911786	-1.09675	0.9641	7.01332	0.66574	1
cg19155552	TMEM116	0.044981	0.0732155	0.670108	-1.4923	0.3333326	0.607534	-1.646	0.0247524	0.585306	-1.70851	0.0443849	0.629602	-1.5883	0.0478732	0.635557	1.57342	0.114761	0.709166	-1.41011	0.116648	1.40718	0.831981	0.958322	-1.04349	0.073871	0.670855	-1.49063	1.52608	2.24215	0.565222	1
cg14021058	TMEM116	0.0462551	0.54759	0.861781	-1.16039	0.6642026	0.60148	-1.66257	0.0265282	0.525818	-1.9018	0.311044	0.773986	-1.29201	0.00580155	0.413409	-2.41891	0.051934	0.582412	-1.717	0.0211897	0.507981	-1.96858	0.492181	0.843228	-1.18592	0.03664643	0.551961	-1.81172	3.48933	3.30201	0.84117	1
cg26789453	TMEM116;ERP29;ERP29	0.0133003	0.00927992	0.219126	-4.55945	0.0621721	0.624688	2.62465	0.0464773	2.85223	2.85223	0.444187	1.43121	1.43121	0.00882345	0.216031	-4.62939	0.274514	1.68634	1.68634	0.195353	0.532881	-1.87659	0.953595	1.027211	1.02711	0.0292528	0.307119	-1.25607	5.38975	18.0317	2.97383	1
cg19154173	TMEM116;ERP29;ERP29	0.0409645	0.267079	0.850907	-1.17522	0.0103117	1.5704	1.5704	0.0395654	1.39431	1.39431	0.0981404	1.31435	1.31435	0.107256	1.27825	1.27825	0.0739816	1.32058	1.32058	0.138844	0.801054	-1.24836	0.188386	1.21485	1.21485	0.155641	1.23633	3.65091	1.12746	0.274504	1
cg07797330	TMEM117	2.00E-05	0.145795	0.904511	-1.10557	0.00863268	0.713506	-1.40153	1.04E-05	0.54561	-1.83281	0.00675509	0.79799	-1.25315	1.81E-06	0.46579	-2.14703	0.154726	0.906756	-1.10283	0.104133	1.13206	1.12096	0.0125908	0.818327	-1.22066	2.17E-05	0.577769	-1.7308	13.8675	2.21531	0.058143	1
cg07383210	TMEM117	0.000833571	0.191907	0.609816	-1.63984	0.349195	0.708189	-1.41205	0.739914	1.12668	1.12668	0.0503444	0.44991	-2.22267	0.929837	1.03203	1.03203	7.86E-05	0.0775444	-12.8958	0.333475	1.42928	1.42928	0.00256999	0.223861	-4.46706	0.000166811	0.1007716	-9.92891	12.3879	25.1504	1.80466	1
cg10447658	TMEM117	0.011867	0.0571789	0.606816	-1.65004	0.00585868	0.276897	-3.61146	0.0391102	0.549629	-1.81942	0.545124	1.15319	1.15319	0.855088	1.04346	1.04346	0.544929	1.15327	1.15327	0.120093	1.48061	1.48061	0.0915109	0.793504	-1.26023	0.0382896	0.811695	-1.23153	5.93969	4.79891	0.762992	1
cg11850843	TMEM117	0.0136206	0.726149	1.04194	1.04194	0.0304037	1.33521	1.33521	0.204842	1.16916	1.16916	0.0489043	1.54609	1.54609	0.932616	1.01	1.01	0.689023	1.04812	1.04812	0.0168024	1.68989	1.68989	0.00699898	1.50297	1.50297	0.0375428	1.32565	1.32565	5.4979	1.15597	0.192136	1
cg07020967	TMEM117	0.0316317	0.084198	0.627092	-1.59466	0.0329754	0.543814	-1.83886	0.032221	0.541902	-1.84535	0.455369	0.823331	-1.21458	0.00896151	0.444	-2.25225	0.347656	0.789625	-1.26642	0.00507926	0.4046653	-2.47126	0.436798	0.823849	-1.21381	0.0181887	0.496379	-2.01459	4.01045	3.7897	0.839963	1
cg16708012	TMEM119	0.0041236	0.539838	1.1197	1.1197	0.0135671	1.72374	1.72374	0.122465	1.76829	1.76829	0.0155007	1.96622	1.96622	0.0166132	1.96622	1.96622	0.408372	1.16662	1.16662	0.0731254	1.83967	1.83967	0.0310405	1.63365	-3.50429	0.468304	1.14387	1.14387	1.78473	4.08907	0.467156	1
cg11760681	TMEM119	0.044	0.608828	1.14108	1.14108	0.19642	1.41803	1.41803	0.0154525	0.312125	-3.20384	0.128573	0.657038	-1.52198	0.312636	0.765625	-1.30612	0.327447	0.772219	-1.29497	0.218236	0.73809	-1.35568	0.155669	0.678112	-1.47468	0.944572	1.00794	1.01794	3.55527	3.68154	0.920459	1
cg05305215	TMEM121;TMEM11	0.000197309	0.277443	1.17967	1.17967	0.0802144	0.611338	-1.63576	0.326264	1.15894	1.15894	0.148074	1.36847	1.36847	0.0822739	1.27	1.27	0.0178942	1.42	1.42	0.0122119	1.67811	1.67811	0.0139568	1.52	-1.98725	0.0172824	1.34774	1.34774	1.84888	6.18535	3.298181	1
cg20758791	TMEM121;TMEM11	0.000351347	0.0212254	1.72471	-1.37986	0.101912	0.812104	-1.23137	0.0186408	1.75684	1.37684	0.287196	1.85445	-1.13708	3.71E-06	0.284217	3.51844	0.860948	1.02068	1.02068	0.602861	0.9408044	-1.06292	0.502507	0.923938	-1.08232	0.383958	1.10935	1.10935	15.7526	3.37141	0.190242	1
cg08016363	TMEM121;TMEM11	0.00038514	0.00700101	0.52202	-1.91564	0.334426	1.23089	1.23089	2.07E-05	0.49636	0.49636	0.865035	1.03222	1.03222	0.0595101	0.627694	-1.48656	0.759092	0.944277	-1.05901	0.0477074	0.497394	-2.01048	0.0814002	0.531723	-1.88068	0.700377	1.07473	1.07473	10.7535	8.45176	0.489119	1
cg25279059	TMEM121;TMEM11	0.00159213	0.965627	1.02077	1.02077	0.883345	1.07977	1.07977	0.158199	2.16951	2.16951	0.154563	2.48785	2.48785	0.0228551	2.16951	2.16951	0.0219513	2.49313	2.49313	0.0092882	2.8205	2.8205	0.01645	-68.9656	0.0823727	0.373235	-2.68546	0.0144341	2.212723	-4.70094	10.3029	4.03068	3.71042	1
cg07784757	TMEM121;TMEM11	0.00947509	0.6556568	0.909813	-1.09913	0.464389	0.16978	1.16978	0.368461	1.21474	1.21474	0.387293	1.20517	1.20517	0.000152439	0.2546639	-3.92713	0.172333	0.736456	-1.35785	0.456999	1.17295	1.17295	0.528723	0.874237	-1.14385	0.794945	0.946628	-1.05638	6.013322	4.22362	0.624346	1
cg13158990	TMEM121;TMEM11	0.0151134	0.48448	0.726905	-1.37553	0.673362	1.12568	1.12568	0.0838928	1.48534	1.48534	0.24412	1.72785	1.72785	0.00217884	0.6688872	-1.41565	0.413932	0.687414	1.45473	0.900183	1.0447	1.0447	0.973	-1.03733	0.913185	1.59705	0.739575	0.856299	-1.16782	5.16281	16.4842	2.83537	1
cg16511098	TMEM121;TMEM11	0.0262579	0.343779	0.799723	-1.25043	0.0295313	0.599515	1.79905	1.79905	0.532238	1.55601	1.55601	0.544346	0.8085314	1.23656	0.382455	-2.61462	0.238001	0.75333	-1.32744	0.0572331	1.63716	1.63716	0.467424	1.18465	1.18465	0.767206	0.934232	-1.0704	4.23827	3.56252	0.739314	1
cg08141245	TMEM11;TMEM111	0.018355	0.0544553	1.2284	1.2284	0.483654	1.06903	1.06903	0.0790823	1.20063	1.20063	0.286897	1.10927	1.10927	0.0404696	1.24847	1.24847	0.227624	1.12611	1.12611	0.00276858	1.47261	1.47261	0.0410857	1.24737	1.24737	0.337738	0.911485	-1.09711	3.74039	0.52099	0.123811	1
cg17398183	TMEM120A	0.0657437	0.837291	-1.53487	0.2428643	0.215135	1.00354	1.00354	0.0004052	1.39554	1.39554	0.953526	1.09449	1.09449	0.0003133	1.71295	1.71295	0.378699	0.923502	-1.08332	0.0033017	0.66119	-1.51242	0.991204	1.00894	1.01696	0.892928	1.16289	0.97958	2.79552	0.60819	0.110535	1
cg08911543	TMEM120A	0.00901206	0.00332014	0.485242	-2.06083	0.962837	0.991654	-1.00842	0.0212733	0.459973	-2.17404	0.0197244	0.85501	0.003112184	0.218357	2.818157	0.364027	0.279505	-2.17404	0.0719839	0.696781	-1.43517	0.0082025	0.460398	2.172046	0.0198102	0.214439	0.668058	1.13111	1.33891	4.87626	5.07632	0.925358	1
cg06855653	TMEM120A;TMEM120A	0.000102759	3.95E-06	0.162502	-6.15467	0.000272546	0.030374	0.58375	0.0002653	0.396631	0.396631	0.0001227	0.1265	0.1265	0.0001633	0.580457	-2.14644	0.226209	0.287952	-3.47213	0.0063423	0.580007	-1.72414	0.0022719	0.478113	-2.09156	0.2637238	0.842272	-1.18726	0.0103576	0.610322	-1.63844	2.815715	0.560608	1
cg19373126	TMEM120B	0.00188925	0.00325802	0.772631	-1.29428	0.09995034	0.232285	1.23285	0.000642759	1.40047	1.40047	0.0196763	0.834285	-1.19863	0.613457	0.967777	1.0333	0.316165	0.935534	-1.06891	0.0442127	0.861889	-1.16024	0.431798	0.949719	-1.05294	0.0459018	1.15851	1.15851	5.80307	0.641944	0.0582079	1
cg00586317	TMEM120B	0.0147651	0.0154853	0.219334	-4.55926	0.240585	0.187119	1.87319	0.81825	1.12478	1.12478	0.390105	1.56814	1.56814	0.0143762	2.214071	-4.67135	0.519696	0.716482	-1.39571	0.0101345	0.190726	-5.24313	0.0069815	0.168242	-5.94382	0.0302274	0.272072	-3.67765	1.00978	3.13111	4.355533	1
cg12878982	TMEM120B	0.0245559	0.0196905	0.487033	-2.05309	0.0295313	0.599515	1.881	0.0184	1.7	1.7	0.0184	2.34495	2.34495	7	0.0184	2.34495	0.226506	0.799242	-1.25107	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632
cg19016264	TMEM120B	0.0394411	0.272795	1.22284	1.22284	0.742212	1.0599	1.0599	0.0973832	0.725702	-1.37798	0.611122	1.09459	1.09459	0.00460107	0.5144014	-1.944	0.731869	1.0625	1.0625	0.358149	1.18122	1.18122	0.0207312	1.63364	1.63364	0.65858	0.924614	-1.08153	3.70226	1.82152	0.437335	1
cg15217187	TMEM120B	0.0429099	0.0111469	0.609911	-1.63937	0.813152	1.12564	1.12564	0.0216438	1.48534	1.48534	0.144612	1.72785	1.72785	0.00217884	0.6688872	-1.41565	0.419932	0.687414	1.45473	0.900183	1.0447	1.0447	0.973	-1.03733	0.913185	1.59705	0.739575	0.856299	-1.16782	5.16281	16.4842	2.83537	1
cg08237551	TMEM128;RHOF	0.00911162	0.569675	0.75741	1.05741	0.747323	0.3159	1.0319	0.684091	1.04054	1.04054	0.317444	0.904481	-1.10561	0.0911397	0.834628	-1.19814	0.498038	0.935357	-1.06911	0.0006633216	0.59329	1.65929	0.0616964	1.41486	1.41486	0.164752	0.865901	1.08085	0.910062	0.132864	1
cg14517859	TMEM128;TMEM120B	0.00232597	0.102798	0.907134	-1.10237	0.00354872	0.806226	-1.24035	0.710312	1.02058	1.02058	0.364478	0.950368	-1.05122	0.680206	0.976623	-1.02289	0.002041861	1.26792	1.26792	0.00124751	0.7729988	-1.29368	0.0114626	1.18855	1.18855	0.964773	0.997591	-1.00241	9.22556	0.43566	0.0419761	1
cg22886551	TMEM141	0.0802605	0.1655139	1.1354	1.1354	0.0284825	1.32335	1.32335	0.0935	0.0004552	0.0004552	1.39554	1.39554	0.953526	1.09449	1.09449	0.0003133	1.71295	1.71295	0.378699	0.923502	-1.08332	0.0033017	0.66119	-1.51242	0.991204	1.00894	1.01696	0.892928	1.16289	0.97958	2.79552	0.60819	0.110535	1
cg07037750	TMEM21	0.000884361	0.0215655	0.618927	-1.6157	0.022895	0.60515	-1.60515	0.00954214	1.76949	1.76949	0.0812141	2.754588	-1.39941	0.000396585	0.427461	2.3394	0.0879096	0.720782	-1.38738	0.0321404	0.144024	-2.25213	0.033743	1.53885	1.53885	0.00385603	0.508201	-1.96773	12.1829	5.83113	0.425452	1
cg11827998	TMEM121	0.00544457	0.0961251	0.716182	-1.39612	0.0176407	0.0552826	1.57626	1.57626	0.0105954	1.31535	1.31535	0.795471	-1.25676	0.0003133	1.71295	1.71295	0.0366313	1.7035	1.7035	0.0015541	2.51666	2.51666	0.0010883	1.70035	1.70035	0.0026293	1.51887	1.51887	8.84245	1.14021	0.247858	1
cg15178202	TMEM121	0.0102858	0.0210924	1.95373	1.95373	0.0185657	1.99216	1.99216	0.636475	1.12182	1.12182	0.0183855	1.99514	1.99514	0.14756	0.68716	-1.45527	0.0366637	2.58216	2.58216	0.0609031	1.66542	1.66542	0.00605582	2.37629	2.37629	0.0306545	1.8462	1.8462	5.85753	0.40851	0.82075	1
cg26382173	TMEM121	0.0179875	0.563163	1.16396	1.16396	0.0784403	0.413653	-2.41748	0.0377244	1.85501	1.85501	0.003112184	2.81857	2.81857	0.304627	1.31332	1.31332	0.559688	1.16326	1.16326	0.290125	0.754666	-1.32509	0.940571	1.28634	1.28634	0.273965	1.33891	1.33891	4.87626	5.07632	0.925358	1
cg08859352	TMEM121	0.00303614	0.3100077	1.23102	-1.23102	-6.19027	0.0002754	0.304039	0.0001734	0.740949	-1.27543	0.253703	1.27	1.27	0.0001734	0.740949	-1.27543	0.0867096	1.46134	1.46134	0.0272419	0.478113	-2.09156	0.2637238	0.842272	-1.18726	0.0103576	0.610322	-1.63844	2.815715	0.560608	1
cg20472188	TMEM123	0.00732526	0.4744	0.850574	-1.17568	0.0509052	0.609723	-1.64009	0.000858927	0.328379	-3.04526	0.1445	1.41723	1.41723	0.227849	0.75457	-1.32526	0.003844491	0.420354	-2.37894	0.148948	1.41105	1.41105	0.335108	1.24749	1.24749	0.121031	0.68796	-1.45357	6.52196	5.11218	0.696748	1
cg21014259	TMEM123	0.0209422	0.0229482	1.91357	1.91357	0.0325674	1.04434	-1.4196	0.515358	1.11106	1.11106	0.312002	1.750887	-1.39705	0.0220086	0.646172	-1.54758	0.921521	1.08457	1.08457	0.613129	1.053793	-1.33905	0.842232	0.732202	-1.36574	0.289273	1.21386	1.21386	5.93442	2.97222	0.43703	1
cg00090197	TMEM125	0.00042069	0.442854	1.15458	0.0474607	0.502354	-1.99063	0.0165728	0.437407	-2.28619	1.61E-05	0.195319	-5.51984	0.631571	0.915073	-1.09281	0.56953	1.11137	1.11137	0.0128909	0.422462	-2.36708	0.0578705	0.514716	-1.94282	0.233139	0.794807	-1.25817	14.9963	1.04093	0.475077	1
cg01246651	TMEM125	0.00234508	0.00419778	0.197619	-5.06204	0.00103205	0.128014	-7.81163	0.00172817	0.151063	-6.61974	0.0164458	0.289531	-3.45386	0.00117122	0.133417	-7.49531	0.042971	0.373511	-2.67729	0.0117279	0.264142	-3.78584	0.00216206	0.161959	-6.17438	0.0111973	0.260812	-3.83418	9.20345	26.059	2.51683	1
cg21601886	TMEM125	0.0317584	0.0196704	0.487033	-2.05309	0.0295313	0.599515	1.881	0.0184	1.7	1.7	0.0184	2.34495	2.34495	7	0.0184	2.34495	0.226506	0.799242	-1.25107	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632	0.0184	1.7632	1.7632
cg14088090	TMEM125	0.0110851	0.0720744	0.695682	-1.43744	0.00183895	0.432566	-2.31178	0.792079	0.953372	-1.04891	0.475431	1.14016	1.14016	0.0314783	0.724078	0.614099	0.699356	0.72666	-1.37606	0.0206398	0.16501	1.65501	0.261069	0.80909	-1.23596	0.0411569	0.653241	-1.53083	5.7183	2.95847	0.459883	1
cg03119638	TMEM125	0.0438893	0.1438809	1.14288	1.14288	0.0100049	0.754435	1.34222	0.0225735	0.744863	-1.34288	0.135173	1.28228	1.28228	0.0110614	0.741314	-1.34931	0.0249008	1.64142	1.64142	0.0131614	0.688391	-1.45266	0.152821	0.765164	-1.30678	0.0199953	0.508	1.9685	1.32497	0.65205	0.153534	1
cg25756617	TMEM125	0.022024	0.494353	0.821904	-1.21693	0.158011	0.652735	-1.53202	0.000728951	0.234191	-4.27003	0.115044	0.616138	-1.62301	0.0453308	0.518932	-1.92704	0.509205	0.827588	-1.20833	0.133344	0.632787	-1.58031	0.00904477	0.391526	-2.55411	0.45964	0.808336	-1.23711	4.55224	5.75862	1.12445	1
cg26948408	TMEM125	0.0240843	0.0408241	2.66658	0.533155	0.616313	-1.17424	0.0010632	0.0002112	0.644122	0.215715	0.0944762	1.59642	1.59642	0.0004016	2.15269	0.0001732	0.0822215	2.06455	2.06455	0.0027273	1.42961	1.42961	0.0003979	1.48499	1.48499	0.0472898	1.78171	1.78171	4.35204	4.4635	0.911654	1
cg24639862	TMEM126A	2.00E-05	0.2048438	0.8108	0.00100497	0.354745	0.81892	0.00658293	0.321184	3.11148	3.11148	-2.5E-06	0.0004564	0.509998	-1.36079	?	?	0.112016	0.864816	-1.15632	0.827391	1.0185	1.0185	0.339887	0.920762	-1.08606	0.0126168	1.2973	1.2973	0.08391	0.67872	0.0991643	1
cg26886153	TMEM126A	0.0109737	0.499225	0.751479	-1.33079	0.106544	0.18661	-5.36061	0.0015078	0.858518	-1.08873	0.176123	0.83535	-1.19711	0.0869722	0.789443	-1.26672	0.0780945	1.354	1.354	0.0019138	0.5734	-1.74408	0.0019137	0.725554	0.0035153	0.579479	-1.72868	0.0065272	0.763606	-1.3105	3.89227	1.46008	0.220264	1
cg24456602	TMEM126A	0.0109841	0.945915	0.988783	-1.01134	0.00215274	0.04702	-2.04702	0.741119	1.05667	1.05667	0.732862	1.06099	1.06099	0.00333092	0.514567	-1.94338	0.829663	1.03647	1.03647	0.139166	0.767469	-1.30298	0.0395281	1.48571	1.48571	0.344216	1.17586	1.17586	5.76181	2.50312	0.389202	1
cg09063267	TMEM126A	0.0204637	0.0204709	2.36917	-3.55408	0.0292653	2.04705	2.0187	0.0215153	0.660644	0.660644	0.0178499	0.862492	-1.15943	0.43875	1.34492	1.34492	0.0242414	1.25768	1.25768	0.0138065	1.44469	1.44469	0.0124157	1.28358	1.28358	0.0138485	1.44469	1.44469	0.0124157	1.28358	1.28358	0.0138485	1.44469	1.44469
cg26796873	TMEM126A	0.0620827	0.0606292	1.36689	-1.72561	0.170545	0.500567	-1.99733	0.0040899	0.567356	-2.72215	0.265939	0.577249	-1.73235	0.0168056	0.250817	-3.98098	0.020202	0.958082	-1.04358	0.0178242	0.0647273	0.168159	-5.91155	0.0112594	0.233637	-4.28015	0.130987	0.465164	-2.16617	3.99019	14.1994	3.16318	1
cg17059624	TMEM126A	0.0433543	0.170356	0.697614	-1.43346	0.0544273	0.465557	2.56585	0.0852686	0.862325	-1.15965	0.069658	0.606323	-1.64929	0.548185	0.860842	-1.16165	0.259932	0.748416	-1.33615	0.557762	0.863991	-1.15742	0.421907	1.22418	1.22418	0.0617009	1.68209	1.68209	3.57492	3.44323	0.855146	1
cg00552145	TMEM126B	0.0274451	0.1784651	1.34064	1.0055407	0.0029513	1.44737	1.44737	0.0107731	0.8404657	-1.18967	0.0079632	0.4676562	-2.13843	0.0240844	1.31873	1.31873	0.0182637	1.43825	1.43825	0.0091391	1.37867	1.37867	0.0074745	1.04635	1.04635	0.0156	1.25039	1.25039	5.90967	1.1	0.0000001	1
cg06779329	TMEM126B	0.0053991	0.0257886	0.552082	-1.81132	0.0296679	0.56305	-1.77604	0.127806	0.691116	-1.44694	0.904022	0.973295	-1.02744	0.0979033	0.665357	-1.50295	0.028437	0.676256	-1.47885	0.0139284	0.3240529	-3.08139	0.304037	0.787523	-1.2698	0.00131244	0.350128	-2.8561	7.19243	5.73571	0.708857	1
cg07046085	TMEM126B	0.00988027	0.0193904	0.677394	-1.64638	0.0195823	1.64375	1.64375	0.0107	0.585381	1.58281	0.0305485	0.659041	-1.55485	0.0199605	0.787937	-1.26969	0.0086456	0.554435	-1.80364	0.0193453	0.870285	-1.14905	0.0150292	0.732202	-1.36574	0.289273	1.21386	1.21386	5.93442	2.97222	0.43703	1
cg12984656	TMEM126B;OLG2	0.00424222	0.0202471	1.32584	1.32584	0.0861506	0.884199	-1.13097	0.0137885	1.21847	1.21847	0.0964754	0.888291	-1.12576	0.0049058	1.2513	1.2513	0.0028717	1.76284	1.76284	0.0007265	2.0227	2.0227	0.0005726	1.63275	1.63275	0.0079598	1.13688	1.13688	0.0026644	1.73724	1.73724	0.0035191	1.54147	1.54147
cg11799072	TMEM126B;OLG2	0.00517769	0.823717	1.01426	1.01426	0.00521838	1.26354	1.26354	0.0126482	1.21743	1.21743	0.0200107	1.19502	1.19502	0.0118273	1.213	1.213	0.509096	0.95838	-1.04343	0.00775939	0.8049221	-1.24235	0.008979	1.23478	1.23478	0.967832	1.00256	1.00256	7.27794	0.464345	0.0567126	1
cg02087711	TMEM126B;OLG2	0.00531591	0.0017404	0.497454	-2.01021	0.0139991	1.3128	1.3128	0.0013882	0.747627	0.0003153	0.0252152	1.56167	1.56167	0.0001732	0.740949	-1.34931	0.0249008	1.64142	1.64142	0.0131614	0.688391	-1.45266	0.152821	0.765164	-1.30678	0.0199953	0.508	1.9685	1.32497	0.65205	0.153534	1
cg02725558	TMEM126B;OLG2	0.0173002	0.663617	1.11033	1.11033	0.0723381	1.61546	1.61546	0.0057699	2.37355	2.37355	0.0420477	1.75116	1.75116	0.205526	0.726568	-1.37633	0.067885	0.631185	-1.63083	0.0193562	1.76845	1.76845	0.265257	1.32005	1.32005	0.0135523	2.07657	2.07657	4.94065	4.47566	0.805264	1
cg07787221	TMEM126B;OLG2;TMEM126B	0.0183904	0.0172958	0.511982	-1.95308	0.0159843	1.52453	1.52453	0.0044	0.460008	0.460008	0.0099561	0.542153	-1.8445	0.0046308	0.646194	-1.54763	0.032504	0.436	0.436	0.0013285	0.338502	-2.95363	0.0016372	0.474582	-2.10703	0.0088083	1.8475	1.8475	4.74005	3.03112	0.65182	1
cg11714752	TMEM127	4.26E-06	0.000229469	2.89091	2.89093	1.33E-06	8.57278	8.57278	5.44E-05	3.68658	3.68658	0.00630639	1.85366	1.85366	0.000714698	0.4090884	-2.44448	0.318413	0.836189	-1.1959	0.313442	1.19826	1.19826	7.92E-07	0.95326	0.953126	0.904933	1.02094	1.02094	50.5681	24.1045	0.42371	1
cg00730697	TMEM127;CIAO1	0.0115089	0.014332	0.60281	-1.66091	0.092282	0.734765	-1.36061	0.0149467	1.6533	1.6533	0.0836978	0.724982	-1.37934	0.247354	0.816106	-1.22533	0.83785	0.966150	-1.03503	0.920196	0.983304	-1.01698	0.242281	1.23922	1.23922	0.132571	1.31347	1.31347	0.01603	1.79542	0.39739	1
cg20362559	TMEM127;CIAO1	0.0464058	0.493606	1.1787	1.1787	0.0974774	1.42736	1.42736	0.111669	1.78384	1.78384	0.0539842	2.085827	2.08583	0.0117188	2.085827	2.08583	0.0117188	2.13883	2.13883	0.0047504	2.70304	2.70304	0.0047504	2.70304	2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13916352	TMEM132D	4.12E-05	0.473857	1.10474	1.10474	0.00757135	0.625142	-1.59964	0.0660143	0.754253	-1.32582	0.412274	1.12146	1.12146	0.893702	1.01845	1.01845
cg18437033	TMEM132D	4.29E-05	0.101391	0.641984	-1.55767	0.448552	0.82627	-1.21026	0.442513	1.21347	1.21347	0.0927423	0.633133	-1.57945	0.736637	0.91998	-1.08698
cg03283235	TMEM132D	8.63E-05	0.100746	0.683933	-1.46213	0.54562	0.878751	-1.13798	0.0767306	0.659668	-1.51591	0.0984772	0.681859	-1.46658	0.395138	1.20207	1.20207
cg01831527	TMEM132D	0.000132532	0.278228	1.37397	1.37397	0.669707	1.12852	1.12852	0.737315	0.909506	-1.0995	0.619707	0.86852	-1.15138	0.348069	0.761685	-1.31288
cg04733537	TMEM132D	0.00014473	0.836034	1.05015	1.05015	0.839309	0.953195	-1.0491	0.412813	1.21857	1.21857	0.810161	1.05846	1.05846	0.242074	0.748962	-1.33518
cg16048915	TMEM132D	0.000158276	0.416552	1.21329	1.21329	0.929926	1.02069	1.02069	0.468789	1.18724	1.18724	0.0116931	2.08254	2.08254	0.000146173	0.21834	-4.58002
cg11160362	TMEM132D	0.000166217	0.47934	1.05174	1.05174	0.0478337	0.853235	-1.17201	0.748072	1.02286	1.02286	0.986244	1.00121	1.00121	0.353101	1.06932	1.06932
cg14215369	TMEM132D	0.000181155	0.0644265	0.780994	-1.28042	0.908719	0.986446	-1.01374	0.132102	0.824175	-1.21333	0.203333	1.17323	1.17323	0.00491159	0.641838	-1.55803
cg03469054	TMEM132D	0.000201574	0.135601	1.66686	1.66686	0.108163	1.74504	1.74504	0.101711	1.76674	1.76674	0.999881	0.999953	-1.00005	0.790426	0.918869	-1.08829
cg26614129	TMEM132D	0.000290038	0.00352338	0.342279	-2.92159	0.467218	1.22196	1.22196	0.098612	0.612154	-1.63358	0.551508	1.17733	1.17733	0.000223546	0.189287	-5.28298
cg17718276	TMEM132D	0.000463427	0.115823	0.662937	-1.50844	0.371459	1.24695	1.24695	0.173696	0.706029	-1.41637	0.397386	0.811878	-1.23171	0.0198895	0.508646	-1.966
cg21903395	TMEM132D	0.000547286	0.291799	0.733505	-1.36332	0.0196198	0.449837	-2.22303	0.00915341	0.391459	-2.55455	0.00523449	0.352168	-2.83955	0.00277088	0.310616	-3.21941
cg09044656	TMEM132D	0.000575229	0.616855	0.90606	-1.10368	0.886761	1.02826	1.02826	0.514405	0.878707	-1.13804	0.553056	0.889269	-1.12452	0.096292	0.699673	-1.42924
cg23733052	TMEM132D	0.000635807	0.322188	0.741094	-1.34936	0.773154	1.08837	1.08837	0.401128	0.777408	-1.28633	0.170654	0.652152	-1.53339	0.524053	0.827645	-1.20825
cg25015139	TMEM132D	0.00069086	0.049963	0.556414	-1.79722	0.21768	0.711712	-1.40506	0.012725	0.444037	-2.25206	0.0625607	0.577177	-1.73257	0.00277855	0.339048	-2.94944
cg20470734	TMEM132D	0.000833349	0.571673	0.865658	-1.15519	0.340409	1.28145	1.28145	0.500978	1.18816	1.18816	0.25263	1.35204	1.35204	0.607397	1.13975	1.13975
cg17735631	TMEM132D	0.000838518	0.0936995	0.55178	-1.81232	0.914389	1.0353	1.0353	0.497741	0.800876	-1.24863	0.474618	0.79093	-1.26433	0.408867	0.761494	-1.31321
cg08546107	TMEM132D	0.000870472	0.670101	0.900889	-1.11001	0.3536	1.2617	1.2617	0.739618	0.921974	-1.08463	0.111471	0.655577	-1.52537	0.541067	1.16265	1.16265
cg04925956	TMEM132D	0.000961442	0.20654	0.638666	-1.56576	0.55359	0.817359	-1.22345	0.0936554	0.537687	-1.85982	0.0809447	0.52138	-1.91799	0.0324831	0.430656	-2.32204
cg16533379	TMEM132D	0.00107244	0.00447598	1.55379	1.55379	0.00615565	0.660014	-1.51512	0.0486341	0.76962	-1.29934	0.000469063	0.527705	-1.895	0.0539838	1.28959	1.28959
cg23891360	TMEM132D	0.00123586	0.167414	1.97507	1.97507	0.534393	1.33779	1.33779	0.540348	1.332	1.332	0.00917183	0.216479	-4.61939	0.283929	1.67337	1.67337
cg08554556	TMEM132D	0.00132134	0.00332316	0.289521	-3.45399	0.00129732	0.233903	-4.27528	0.0444509	0.488873	-2.04552	0.607547	1.17424	1.17424	0.0062513	0.331262	-3.01876
cg14504768	TMEM132D	0.00132882	0.182841	0.590905	-1.69232	0.765465	1.11778	1.11778	0.175793	0.585222	-1.70875	0.353918	0.701189	-1.42615	0.259752	0.645617	-1.54891
cg06679878	TMEM132D	0.0014987	0.0226381	0.477939	-2.09232	0.00282403	0.328711	-3.04219	0.0266036	0.491219	-2.03575	0.347278	0.769672	-1.29925	0.00141521	0.286601	-3.48917
cg23805623	TMEM132D	0.00153691	0.0802962	0.405262	-2.46754	0.113081	2.23182	2.23182	0.116617	0.452168	-2.21157	0.109211	0.443479	-2.2549	0.00121221	0.110199	-9.07451
cg24778576	TMEM132D	0.00161844	0.204389	0.675661	-1.48003	0.786672	1.08265	1.08265	0.0366451	0.49125	-2.03562	0.316861	0.738666	-1.35379	0.524994	0.828143	-1.20752
cg07230440	TMEM132D	0.00170313	0.717322	0.892492	-1.12046	0.132434	1.66183	1.66183	0.18449	0.643818	-1.55323	0.568175	0.834885	-1.19777	0.21514	1.50407	1.50407
cg20327057	TMEM132D	0.0046218	0.131789	0.588548	-1.6991	0.250866	1.4784	1.4784	0.15062	1.65204	1.65204	0.430054	0.769147	-1.30014	0.000984298	0.202655	-4.9345
cg04729491	TMEM132D	0.00544204	0.00128919	0.114527	-8.7316	0.357748	1.54796	1.54796	0.241605	1.76167	1.76167	0.702372	1.19408	1.19408	0.001993	0.133116	-7.51227
cg25102216	TMEM132D	0.00563115	0.00345473	0.299696	-3.33671	0.111832	1.69133	1.69133	0.0853338	0.561432	-1.78116	0.217802	1.48211	1.48211	0.206041	0.667094	-1.49904
cg19700087	TMEM132D	0.0060462	0.927149	1.02601	1.02601	0.0249725	2.11491	2.11491	0.381837	1.28639	1.28639	0.667224	1.12914	1.12914	0.0699393	0.566101	-1.76647
cg00765828	TMEM132D	0.00632169	0.113765	0.476856	-2.09707	0.212289	0.56812	-1.76019	0.286573	0.621094	-1.61006	0.087131	0.44353	-2.25464	0.433496	0.708949	-1.41054
cg03685843	TMEM132D	0.00665393	0.753725	0.910895	-1.09782	0.0192775	2.31494	2.31494	0.0516805	1.9284	1.9284	0.658852	0.876556	-1.14083	0.339003	0.746584	-1.33943
cg18180056	TMEM132D	0.00770789	0.325311	1.29053	1.29053	0.0817935	1.62306	1.62306	0.398447	1.24246	1.24246	0.0614505	0.589139	-1.69739	0.384284	0.799303	-1.25109
cg13090220	TMEM132D	0.00789755	0.232775	1.50915	1.50915	0.127678	1.719	1.719	0.675229	0.870578	-1.14866	0.586951	1.19772	1.19772	0.336116	0.721647	-1.38572
cg04414975	TMEM132D	0.0088038	0.624284	1.25524	1.25524	0.327454	1.59284	1.59284	0.542178	0.752666	-1.32861	0.802918	0.891226	-1.12205	0.988911	1.00642	1.00642
cg05384697	TMEM132D	0.0105173	0.715573	1.18963	1.18963	0.916244	1.05118	1.05118	0.365793	0.643459	-1.5541	0.895746	0.939688	-1.06418	0.666552	0.814083	-1.22838
cg17513770	TMEM132D	0.0105184	0.767011	0.92659	-1.07923	0.021616	2.02953	2.02953	0.42015	1.23535	1.23535	0.22327	1.3887	1.3887	0.0588023	0.578285	-1.72925
cg04386563	TMEM132D	0.0110481	0.0799764	0.700294	-1.42797	0.722062	1.06769	1.06769	0.00143655	0.429512	-2.32822	0.428809	1.15966	1.15966	0.0277419	0.620577	-1.6114
cg00407452	TMEM132D	0.0118106	0.193389	0.795295	-1.25739	0.0185899	1.60785	1.60785	0.0131092	1.66865	1.66865	0.0088749	1.74062	1.74062	0.95861	0.9914	-1.00867
cg15936861	TMEM132D	0.0118897	0.992138	0.995813	-1.0042	0.830717	0.912868	-1.09545	0.997483	1.00134	1.00134	0.14241	0.510959	-1.9571	0.343178	0.659788	-1.51564
cg19790509	TMEM132D	0.0145847	0.0178657	0.104966	-9.52692	0.00829424	0.0711764	-14.0496	0.0679517	0.201747	-4.95671	0.110737	0.25648	-3.89893	0.0134083	0.0909304	-10.9974
cg23917477	TMEM132D	0.0151431	0.434557	0.717616	-1.3935	0.363834	1.47458	1.47458	0.313005	0.647709	-1.5439	0.673127	1.19314	1.19314	0.025661	0.331849	-3.01342
cg05160910	TMEM132D	0.0151918	0.248322	0.778473	-1.28457	0.874841	1.03325	1.03325	0.10352	0.691105	-1.44696	0.528305	1.14176	1.14176	0.129442	0.711804	-1.40488
cg01163404	TMEM132D	0.016636	0.407306	0.606211	-1.64959	0.892145	1.0834	1.0834	0.244123	0.486967	-2.05353	0.843353	0.88974	-1.12392	0.11204	0.359956	-2.77812
cg12072740	TMEM132D	0.0169737	0.0242922	0.176469	-5.66672	0.0578774	0.250254	-3.99595	0.218765	0.433588	-2.30634	0.0938864	0.304189	-3.28743	0.0240427	0.175732	-5.6905
cg12820134	TMEM132D	0.0171128	0.795431	0.881167	-1.13486	0.113958	0.432884	-2.31009	0.229809	0.541453	-1.84688	0.963339	1.02263	1.02263	0.00127319	0.101422	-9.85978
cg13123585	TMEM132D	0.0185082	0.190789	1.78989	1.78989	0.681351	1.18947	1.18947	0.83257	0.914878	-1.09304	0.820663	0.908992	-1.10012	0.112191	2.06847	2.06847
cg07067993	TMEM132D	0.019159	0.035658	0.181331	-5.51478	0.965533	1.03063	1.03063	0.0859477	0.265777	-3.76256	0.131996	0.321336	-3.11201	0.00431442	0.0696261	-14.3624
cg26322591	TMEM132D	0.0201765	0.553845	0.757942	-1.31936	0.0872179	2.39634	2.39634	0.38445	0.661862	-1.51089	0.317971	0.620204	-1.61237	0.0107482	0.22688	-4.40762
cg25625370	TMEM132D	0.0224029	0.621025	1.13959	1.13959	0.162779	1.47796	1.47796	0.142898	0.661758	-1.51113	0.766297	1.08128	1.08128	0.208981	1.41515	1.41515
cg17157798	TMEM132D	0.022958	0.0158992	0.169915	-5.88528	0.00755591	0.127103	-7.86764	0.113443	0.355632	-2.81189	0.894685	0.923582	-1.08274	0.0194721	0.183568	-5.44758
cg03420866	TMEM132D	0.0253997	0.176775	0.348458	-2.86979	0.16954	2.92832	2.92832	0.499206	1.65476	1.65476	0.310704	2.16007	2.16007	0.0142582	0.108678	-9.20145
cg25013011	TMEM132D	0.0256199	0.535381	1.29728	1.29728	0.48346	1.34353	1.34353	?	?	?	0.929045	0.963744	-1.03762	0.569501	1.26917	1.26917
cg26522894	TMEM132D	0.0256518	0.0049095	0.284724	-3.51218	0.718032	1.13	1.13	0.0576379	0.485012	-2.0618	0.64136	0.853752	-1.1713	0.0151539	0.365801	-2.73373
cg14918019	TMEM132D	0.0257412	0.288344	1.33366	1.33366	0.310353	0.760181	-1.31548	0.710711	0.907269	-1.10221	0.498446	0.83568	-1.19663	0.152232	0.669912	-1.49273
cg13115424	TMEM132D	0.0260744	0.241786	0.772914	-1.29381	0.348144	1.22517	1.22517	0.0826602	0.667584	-1.49794	0.671408	1.09386	1.09386	0.533003	0.87568	-1.14197
cg27463181	TMEM132D	0.028906	0.98229	0.987188	-1.01298	0.184088	2.26718	2.26718	0.0895526	0.337104	-2.96644	0.41691	1.61924	1.61924	0.880759	0.916494	-1.09111
cg08261450	TMEM132D	0.0304011	0.201085	0.476193	-2.09999	0.935452	1.04551	1.04551	0.501486	0.68738	-1.4548	0.230063	0.500605	-1.99758	0.0553617	0.303194	-3.29821
cg26411747	TMEM132D	0.0305544	0.020049	0.177699	-5.6275	0.0830245	0.306731	-3.26018	0.151876	0.388572	-2.57352	0.0916004	0.318603	-3.1387	0.0151329	0.159177	-6.28232
cg02767665	TMEM132D	0.0327839	0.90058	0.930803	-1.07434	0.574563	1.3846	1.3846	0.763732	0.841173	-1.18882	0.645984	0.766924	-1.30391	0.94311	0.95988	-1.0418
cg12580503	TMEM132D	0.0337103	0.775311	1.09664	1.09664	0.583416	1.19545	1.19545	0.697275	0.881607	-1.13429	0.664759	1.1509	1.1509	0.498186	1.24814	1.24814
cg05479657	TMEM132D	0.036088	0.15577	1.83722	1.83722	0.503185	1.31274	1.31274	0.797554	0.902172	-1.10844	0.1148	1.98742	1.98742	0.155174	1.83906	1.83906
cg17186073	TMEM132D	0.0387293	0.939475	0.98175	-1.01859	0.0961599	1.5576	1.5576	0.566256	0.868812	-1.151	0.259555	0.751808	-1.33013	0.586134	0.875165	-1.14264
cg20168964	TMEM132D	0.0417407	0.971274	0.978721	-1.02174	0.774424	0.84229	-1.18724	0.86705	1.10526	1.10526	0.831062	1.13611	1.13611	0.366017	0.57423	-1.74146
cg05742082	TMEM132D	0.0451859	0.874037	0.951313	-1.05118	0.290787	0.708297	-1.41184	0.00212658	0.257104	-3.88947	0.921243	0.969368	-1.0316	0.817973	0.930041	-1.07522
cg26697255	TMEM132D	0.0478904	0.293728	0.629335	-1.58898	0.00307838	0.164693	-6.07192	0.060368	0.401485	-2.49076	0.471106	1.36449	1.36449	0.0821086	0.437107	-2.28777
cg23266743	TMEM132D;TMEM132D	0.000311826	0.909672	1.02177	1.02177	0.156384	1.3333	1.3333	0.186427	1.30441	1.30441	0.856955	1.03483	1.03483	0.972808	1.00649	1.00649
cg04519916	TMEM132E	7.27E-06	0.009519	0.571847	-1.74872	2.47E-05	0.240027	-4.1662	9.40E-05	0.305822	-3.26987	0.000589596	0.40523	-2.46774	7.35E-06	0.186109	-5.3732
cg11805745	TMEM132E	0.000160718	0.00448168	0.555144	-1.80133	0.00113165	2.10421	2.10421	0.916706	1.01638	1.01638	0.349094	1.16148	1.16148	0.000421564	0.419874	-2.38166
cg21070161	TMEM132E	0.000683235	0.00662904	0.369893	-2.70348	0.000461216	0.211054	-4.73812	0.118354	0.619705	-1.61367	0.0184283	0.446231	-2.24099	0.0869085	0.586505	-1.70502
cg09309286	TMEM132E	0.00110009	0.859444	0.97871	-1.02175	0.103267	1.24154	1.24154	0.0156115	1.43323	1.43323	0.193739	1.18169	1.18169	0.00173865	1.71971	1.71971
cg01410878	TMEM132E	0.00163441	0.147261	0.701974	-1.42455	0.50987	1.16429	1.16429	0.542057	1.15077	1.15077	0.0223019	0.53626	-1.86477	0.00774409	0.459207	-2.17767
cg24071532	TMEM132E	0.00280236	0.091629	0.772739	-1.2941	0.14582	0.805132	-1.24203	0.229735	0.839523	-1.19115	0.171745	1.22377	1.22377	0.0205395	0.678863	-1.47305
cg24274176	TMEM132E	0.00360939	0.327196	0.820181	-1.21924	0.0616201	0.661928	-1.51074	0.00259337	0.441303	-2.26601	0.488291	0.87111	-1.14796	0.189017	0.761309	-1.31353
cg24478765	TMEM132E	0.00704826	0.00926366	0.160469	-6.23174	0.0131925	0.182242	-5.48721	0.0313389	0.246764	-4.05245	0.033613	0.252807	-3.95558	0.00555019	0.132813	-7.52936
cg14270687	TMEM132E	0.00739769	0.0216342	3.84207	3.84207	0.0220536	3.81945	3.81945	0.0978323	2.42645	2.42645	0.262224	1.76928	1.76928	0.0120513	4.60959	4.60959
cg11247087	TMEM132E	0.00752462	0.285527	0.817538	-1.22319	0.30124	0.823218	-1.21475	0.030989	0.631308	-1.58401	0.971815	1.00644	1.00644	0.00126471	0.425478	-2.3503
cg26085533	TMEM132E	0.00759871	0.0376485	0.487503	-2.05127	0.570861	1.18609	1.18609	0.170524	0.647347	-1.54477	0.464622	0.801114	-1.24826	0.00839774	0.366724	-2.72684
cg02657800	TMEM132E	0.0103592	0.047403	3.18458	3.18458	0.0103736	5.19971	5.19971	0.0417385	3.31574	3.31574	0.0251808	3.89471	3.89471	0.0585963	2.9775	2.9775
cg07660838	TMEM132E	0.0115922	0.00496221	0.222026	-4.50397	0.0277073	0.348921	-2.86598	0.0112572	0.276767	-3.61314	0.0310407	0.359084	-2.78486	0.0762484	0.450209	-2.22119
cg23052220	TMEM132E	0.0122047	0.0277935	0.555428	-1.80041	0.0809494	1.54892	1.54892	0.986068	0.99606	-1.00396	0.152106	1.41468	1.41468	0.0425737	0.58981	-1.69546
cg13273703	TMEM132E	0.0129817	0.100004	1.98119	1.98119	0.0134251	3.19408	3.19408	0.873978	1.06206	1.06206	0.51708	0.779447	-1.28296	0.393184	0.71763	-1.39348
cg23403099	TMEM132E	0.0187119	0.462136	0.751954	-1.32987	0.985443	1.00697	1.00697	0.217426	0.610063	-1.63918	0.608958	0.821602	-1.21713	0.554818	0.796525	-1.25545
cg08791922	TMEM132E	0.0308837	0.534678	0.812504	-1.23076	0.143548	1.68035	1.68035	0.611548	0.844404	-1.18427	0.16803	0.615604	-1.62442	0.484827	0.791039	-1.26416
cg01107136	TMEM132E	0.0493448	0.03485	2.61573	2.61573	0.0310959	2.68938	2.68938	0.411198	1.38894	1.38894	0.0361001	2.59339	2.59339	0.0498125	2.39829	2.39829
cg00196787	TMEM132E;C17orf102	0.00115831	0.565353	0.929507	-1.07584	0.0333637	1.36719	1.36719	0.194131	1.18862	1.18862	0.129317	0.813716	-1.22893	0.946641	0.991617	-1.00845
cg21745612	TMEM132E;C17orf102	0.00156201	0.868774	0.928968	-1.07646	0.612675	0.796534	-1.25544	0.0456543	2.77624	2.77624	0.984063	1.00894	1.00894	0.0397049	0.346545	-2.88563
cg03442425	TMEM132E;C17orf102	0.00206683	0.368863	1.41779	1.41779	0.372202	0.707129	-1.41417	0.99611	1.00185	1.00185	0.330603	1.46189	1.46189	0.0278812	0.374221	-2.67222
cg06459443	TMEM132E;C17orf102	0.00429389	0.00917305	0.717119	-1.39447	0.0224683	0.759757	-1.31621	0.034715	1.2807	1.2807	0.0323548	1.28635	1.28635	0.866322	0.983211	-1.01708
cg06557358	TMEM132E;C17orf102	0.0182704	0.987224	0.998095	-1.00191	0.17381	0.841728	-1.18803	0.980541	0.9971	-1.00291	0.48558	1.08804	1.08804	0.020229	1.39574	1.39574
cg18338311	TMEM132E;TMEM132E	0.000565736	0.526755	1.09586	1.09586	0.00610765	0.599995	-1.66668	0.342032	0.869589	-1.14997	0.621827	0.931493	-1.07354	0.980699	1.00346	1.00346
cg17750959	TMEM132E;TMEM132E	0.00611631	0.550312	0.928709	-1.07676	0.0736763	1.27638	1.27638	0.0147594	1.44371	1.44371	0.102607	1.24432	1.24432	0.424629	1.10494	1.10494
cg02839130	TMEM134;TMEM134;TMEM134	1.55E-05	2.87E-07	0.0881907	-11.3391	0.84166	1.03269	1.03269	0.253284	0.825409	-1.21152	0.0205274	1.56648	1.56648	0.868934	0.973791	-1.02691
cg06416309	TMEM134;TMEM134;TMEM134	2.76E-05	0.856054	1.0319	1.0319	0.819274	1.04037	1.04037	0.455421	0.876794	-1.14052	0.0592124	0.691848	-1.4454	4.03E-07	0.0820952	-12.181
cg19187831	TMEM134;TMEM134;TMEM134	0.000270444	0.00373226	0.233674	-4.27947	0.367348	1.41023	1.41023	0.00166612	5.30942	5.30942	0.619349	0.830353	-1.20431	0.289693	0.665009	-1.50374
cg09636293	TMEM134;TMEM134;TMEM134	0.00135027	0.00011272	0.159823	-6.2569	0.0395748	0.549817	-1.81879	0.153009	0.683966	-1.46206	0.0071533	2.43288	2.43288	0.150489	0.682102	-1.46606
cg19990785	TMEM134;TMEM134;TMEM134	0.00355992	0.0476128	0.415344	-2.40764	0.664102	1.18467	1.18467	0.00474717	4.28224	4.28224	0.390626	0.710938	-1.40659	0.223175	0.608705	-1.64283
cg15214183	TMEM134;TMEM134;TMEM134	0.00685015	0.0602079	0.260198	-3.84322	0.921385	1.06471	1.06471	0.0285217	5.16274	5.16274	0.218139	0.439206	-2.27684	0.387852	0.569981	-1.75444
cg04061873	TMEM134;TMEM134;TMEM134	0.00909465	0.0835976	0.765297	-1.30668	0.247103	0.844468	-1.18418	0.3026	1.16087	1.16087	0.549359	0.91886	-1.0883	0.00599935	0.605555	-1.65138
cg03084949	TMEM134;TMEM134;TMEM134	0.0125919	0.0240027	0.274742	-3.63977	0.328825	0.616563	-1.62189	0.0137973	4.30815	4.30815	0.648924	0.802576	-1.24599	0.883395	1.07296	1.07296
cg21273437	TMEM134;TMEM134;TMEM134	0.0134527	0.783904	1.07269	1.07269	0.255318	0.738495	-1.3541	0.138181	1.50301	1.50301	0.121934	0.651849	-1.5341	0.674136	0.897673	-1.11399
cg13428943	TMEM134;TMEM134;TMEM134	0.0153392	0.0711712	0.754804	-1.32485	0.0447231	0.724986	-1.37934	0.840987	1.02843	1.02843	0.359358	0.876752	-1.14057	0.0723775	0.755909	-1.32291
cg21204379	TMEM134;TMEM134;TMEM134;TMEM134;TMEM134;TMEM134	0.0409248	0.107508	0.720857	-1.38724	0.418904	0.857354	-1.16638	0.977527	0.994765	-1.00526	0.0102475	0.547153	-1.82764	0.00820589	0.532485	-1.87799
cg01492649	TMEM135;TMEM135;TMEM135	0.00451771	0.01966	0.739274	-1.35268	0.010796	0.709457	-1.40953	0.00163636	1.62176	1.62176	0.265388	0.883015	-1.13248	0.173889	1.16774	1.16774
cg02709052	TMEM135;TMEM135;TMEM135	0.00531387	0.0308712	0.551857	-1.81206	0.185276	0.71933	-1.39018	0.00886863	0.457894	-2.18391	0.093206	1.54198	1.54198	0.00269042	0.378081	-2.64494
cg06539411	TMEM135;TMEM135;TMEM135	0.00835638	0.0685857	1.27078	1.27078	0.00264041	1.63087	1.63087	0.149522	0.833894	-1.19919	0.413249	0.906354	-1.10332	0.155617	1.19554	1.19554
cg05047319	TMEM135;TMEM135;TMEM135	0.0315451	0.945196	0.99058	-1.00951	0.528987	1.09177	1.09177	0.721065	1.05059	1.05059	0.931225	1.01195	1.01195	0.137358	1.24644	1.24644
cg20031401	TMEM135;TMEM135;TMEM135;TMEM135;TMEM135	0.0481864	0.370346	0.789269	-1.26699	0.0779474	0.595149	-1.68025	0.00319065	3.18559	3.18559	0.332783	1.29362	1.29362	?	?	?
cg06448961	TMEM136	9.53E-05	2.73E-05	0.342898	-2.91632	0.0732102	0.772249	-1.29492	0.0849477	0.781593	-1.27944	0.684396	1.05429	1.05429	0.000296662	0.466718	-2.14262
cg13230172	TMEM136	0.000264589	0.0245741	1.44724	1.44724	0.00135503	0.526076	-1.90087	0.00587496	1.64494	1.64494	0.000136526	0.402072	-2.48712	0.00616063	1.63769	1.63769
cg06233497	TMEM136	0.0046902	0.72452	0.926512	-1.07932	0.000601685	0.319337	-3.13149	0.00403674	0.434724	-2.30031	0.0629555	0.636832	-1.57027	0.35605	0.814829	-1.22725
cg15392029	TMEM136	0.0248534	0.45728	0.870757	-1.14843	0.00134215	2.34413	2.34413	0.685749	1.0772	1.0772	0.467997	1.14454	1.14454	0.643487	1.08894	1.08894
cg02610360	TMEM136	0.0353085	0.0279137	0.268725	-3.72128	0.397095	1.55056	1.55056	0.976767	1.01484	1.01484	0.787304	0.872147	-1.1466	0.0631352	0.347407	-2.87847
cg24560288	TMEM138;CYBASC3;CYBASC3;TMEM138	3.58E-05	4.40E-05	0.221316	-4.51842	9.16E-06	0.154403	-6.47658	0.00378358	0.46729	-2.14	0.0114655	1.85149	1.85149	0.00612095	0.498242	-2.00706
cg18595258	TMEM138;CYBASC3;CYBASC3;TMEM138	0.0468822	0.0942149	0.336791	-2.9692	0.469442	0.647059	-1.54545	0.260821	0.499731	-2.00108	0.21439	0.46155	-2.16661	0.00738667	0.129809	-7.70366
cg22531018	TMEM139	0.0151035	0.0413733	2.16911	2.16911	0.208897	1.54646	1.54646	0.442861	1.2937	1.2937	0.0200727	2.51736	2.51736	0.0121449	0.35743	-2.79775
cg09243021	TMEM139;CASP2;CASP2	0.000544728	0.0663207	0.638511	-1.56614	0.0010913	2.85644	2.85644	0.787848	1.06051	1.06051	0.0339536	1.71473	1.71473	0.0282053	0.568665	-1.7585
cg27181468	TMEM139;CASP2;CASP2	0.00867821	0.104955	1.78079	1.78079	0.0843895	0.536996	-1.86221	0.0431562	0.468738	-2.13339	0.0875644	1.84822	1.84822	0.000975219	0.202345	-4.94206
cg13163420	TMEM139;CASP2;CASP2	0.0356941	0.0595809	0.728339	-1.37299	0.671966	0.938473	-1.06556	0.217564	0.824153	-1.21337	0.353247	1.15304	1.15304	0.859473	0.973925	-1.02677
cg08261841	TMEM139;TMEM139	0.0464326	0.406815	1.27731	1.27731	0.0129349	2.43486	2.43486	0.926452	0.973721	-1.02699	0.422493	0.789531	-1.26657	0.750805	0.912199	-1.09625
cg14329833	TMEM140	0.000232019	0.0444123	0.784889	-1.27407	0.0267019	0.759218	-1.31715	0.000870671	1.68884	1.68884	0.0473819	0.788205	-1.2687	1.43E-05	0.387582	-2.5801
cg12577010	TMEM140	0.00811612	0.0972555	0.406574	-2.45958	0.0184365	0.243218	-4.11153	0.000575156	0.0717021	-13.9466	0.44036	0.677643	-1.4757	0.00418512	0.149954	-6.66871
cg14710552	TMEM140	0.0213085	0.464703	0.625911	-1.59767	0.321774	0.524907	-1.9051	0.00173418	0.0600195	-16.6613	0.169014	0.397442	-2.51609	0.010012	0.129082	-7.74704
cg07522970	TMEM140	0.0363964	0.132639	0.43935	-2.27609	0.325479	0.597731	-1.67299	0.0906473	0.388722	-2.57253	0.942963	1.03693	1.03693	0.00369634	0.1369	-7.30459
cg07972322	TMEM140;TMEM140	0.0240115	0.0535228	0.334169	-2.9925	0.0868642	0.388593	-2.57338	0.00196194	0.11218	-8.91421	0.241745	0.541996	-1.84503	0.0140006	0.219413	-4.55761
cg10014112	TMEM140;TMEM140	0.0426962	0.318077	0.565378	-1.76873	0.363511	0.596876	-1.67539	0.00652328	0.14181	-7.0517	0.152577	0.42884	-2.33187	0.0196263	0.210575	-4.7489
cg13799986	TMEM141	0.00506385	0.176802	0.505885	-1.97673	0.327987	0.619257	-1.61484	0.325545	0.617661	-1.61901	0.0721525	0.385745	-2.59239	0.00120568	0.105342	-9.49289
cg16686137	TMEM143	0.00167389	0.00749598	16.0296	16.0296	0.565123	1.59798	1.59798	0.00337944	24.85	24.85	0.0210138	9.37198	9.37198	0.151767	3.44806	3.44806
cg16855976	TMEM143	0.0163838	0.679592	0.92466	-1.08148	0.0452198	0.648365	-1.54234	0.00349311	0.473614	-2.11142	0.815834	1.04498	1.04498	0.922417	0.981796	-1.01854
cg22242963	TMEM143	0.0314839	0.125524	5.89119	5.89119	0.585743	1.8016	1.8016	0.400472	2.51078	2.51078	0.151191	5.18229	5.18229	0.122022	6.00622	6.00622
cg13647601	TMEM143	0.0321244	0.271027	1.9421	1.9421	0.399173	1.64865	1.64865	0.141513	2.4986	2.4986	0.261536	1.97033	1.97033	0.013448	5.88613	5.88613
cg08170757	TMEM143;SYNGR4	0.000229004	8.14E-05	8.05459	8.05459	?	?	?	0.13304	0.725663	-1.37805	?	?	?	2.58E-05	14.0091	14.0091
cg18263177	TMEM143;SYNGR4	0.00221162	0.668586	0.943888	-1.05945	0.000197714	2.31331	2.31331	0.0408857	0.728716	-1.37228	0.0131344	0.662059	-1.51044	0.358131	0.880983	-1.1351
cg18655958	TMEM143;SYNGR4	0.0163567	?	?	?	0.0503294	3.01943	3.01943	0.270323	1.70535	1.70535	0.00125112	16.7347	16.7347	0.012571	5.14977	5.14977
cg17932394	TMEM143;SYNGR4	0.037707	0.128537	1.21141	1.21141	0.640563	1.05643	1.05643	0.14213	1.2023	1.2023	0.181012	1.18034	1.18034	0.745932	0.962757	-1.03868
cg10364087	TMEM144	0.000766247	0.297864	1.16065	1.16065	0.000164076	0.411805	-2.42833	0.0017394	0.539863	-1.85232	0.912912	1.01522	1.01522	0.00652622	0.613894	-1.62895
cg23761616	TMEM144	0.0008082	0.103887	1.91939	1.91939	0.00261899	4.60801	4.60801	0.760756	0.894066	-1.11849	0.00232519	4.75516	4.75516	0.0895956	0.503486	-1.98615

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13916352	0.00637665	0.615417	-1.62491	0.873729	1.02199	1.02199	0.000285267	0.444741	-2.2485	6.05E-07	0.153248	-6.52537	28.0172	8.29778	0.26326	1
cg18437033	0.0552086	0.584462	-1.71097	0.886183	1.03602	1.03602	5.82E-07	0.0331848	-30.1343	9.84E-05	0.181009	-5.52458	27.7184	26.8029	0.859533	1
cg03283235	0.565815	1.13051	1.13051	0.785339	0.943937	-1.05939	2.19E-06	0.0862534	-11.5937	3.86E-05	0.188872	-5.2946	23.0323	16.2911	0.628723	1
cg01831527	0.961095	0.986349	-1.01384	0.338303	0.757201	-1.32065	0.829717	0.941118	-1.06257	1.03E-06	0.027154	-36.827	20.5299	25.8156	1.11775	1
cg04733537	0.705026	0.914125	-1.09394	0.444194	0.831801	-1.20221	1.44E-05	8.42964	8.42964	1.30E-05	8.67796	8.67796	20.0492	17.6993	0.784704	1
cg16048915	0.00859505	2.18233	2.18233	0.08905	1.54755	1.54755	2.32E-05	0.139471	-7.16997	0.00614226	0.434968	-2.29902	19.5714	16.8064	0.763307	1
cg11160362	0.811807	0.983407	-1.01687	0.0229486	0.826252	-1.21028	1.32E-05	1.89833	1.89833	4.47E-05	1.71975	1.71975	19.3145	1.50536	0.0692795	1
cg14215369	0.145905	1.20412	1.20412	1.84E-05	0.353919	-2.8255	0.607779	0.940264	-1.06353	2.59E-05	0.371019	-2.69528	18.8703	4.23085	0.199295	1
cg03469054	0.97092	0.988487	-1.01165	0.385921	0.754005	-1.32625	8.52E-06	21.6978	21.6978	4.00E-05	12.0994	12.0994	18.3322	29.2984	1.42062	1
cg26614129	0.667952	0.889644	-1.12405	3.06E-05	0.110063	-9.08572	0.00318971	0.335852	-2.9775	0.000377472	0.214456	-4.66295	16.6028	19.3072	1.03368	1
cg17718276	0.016084	2.03078	2.03078	0.0062373	2.35686	2.35686	0.0246756	0.525531	-1.90284	2.02E-05	0.125684	-7.95644	14.5945	13.3691	0.814255	1
cg21903395	0.0295457	0.483838	-2.06681	0.000534475	0.217189	-4.60428	0.0012876	0.264673	-3.77825	2.53E-05	0.0936342	-10.6799	13.9363	17.7196	1.1302	1
cg09044656	0.302661	1.23222	1.23222	0.0566086	1.52506	1.52506	0.000708897	0.364622	-2.74257	1.61E-05	0.175651	-5.69311	13.7444	8.32571	0.538445	1
cg23733052	0.52211	0.826892	-1.20935	0.771193	1.08919	1.08919	1.80E-05	0.0768137	-13.0185	0.000175642	0.154994	-6.45187	13.3659	18.1714	1.20848	1
cg25015139	0.561475	0.857304	-1.16645	8.67E-05	0.157722	-6.34028	0.0239333	0.493349	-2.02696	5.32E-05	0.138294	-7.23096	13.0589	14.2232	0.968139	1
cg20470734	0.45559	1.21145	1.21145	0.0690213	1.67124	1.67124	0.00287026	0.355142	-2.81578	2.27E-05	0.117469	-8.5129	12.3888	12.5009	0.896935	1
cg17735631	0.383848	0.749738	-1.3338	0.919473	1.03316	1.03316	8.25E-05	0.101496	-9.85264	4.63E-05	0.08367	-11.9517	12.3672	20.3802	1.46482	1
cg08546107	0.902848	1.03019	1.03019	0.0111399	0.460714	-2.17054	0.00186502	0.341297	-2.93	1.95E-05	0.121198	-8.25098	12.2374	11.4973	0.835126	1
cg04925956	0.54174	0.812303	-1.23107	0.21249	0.642789	-1.55572	4.91E-05	0.0767344	-13.032	9.22E-05	0.0954185	-10.4801	11.8984	21.3443	1.59456	1
cg16533379	0.415524	0.907776	-1.10159	0.00313073	1.59948	1.59948	0.16264	1.18922	1.18922	0.240169	0.866769	-1.15371	11.5352	2.46953	0.190299	1
cg23891360	0.107209	2.25513	2.25513	0.0901597	0.421589	-2.37198	0.000213414	17.4677	17.4677	0.000359057	14.1216	14.1216	11.0782	37.529	3.01122	1
cg08554556	0.127526	0.599938	-1.66684	0.897287	0.960747	-1.04086	0.00238207	3.7178	3.7178	0.00168689	0.248683	-4.02119	10.8683	16.5481	1.35343	1
cg14504768	0.541876	0.794682	-1.25837	0.722723	0.875817	-1.14179	5.02E-05	0.0589874	-16.9528	0.000201617	0.0981634	-10.1871	10.8507	23.8051	1.95011	1
cg06679878	0.631569	1.13961	1.13961	0.000955288	0.264103	-3.7864	0.000175771	0.178864	-5.59083	0.0434863	0.533636	-1.87394	10.4822	12.1478	1.03014	1
cg23805623	0.764323	1.15024	1.15024	0.000157761	0.0493462	-20.265	0.0547174	2.7578	2.7578	0.00869065	0.210804	-4.74375	10.4065	35.719	3.05101	1
cg24778576	0.556409	1.19023	1.19023	0.14603	1.5791	1.5791	0.000126765	0.141883	-7.04807	0.000287947	0.176908	-5.65267	10.2524	13.9149	1.20642	1
cg07230440	0.595183	1.18265	1.18265	0.0481384	2.02702	2.02702	0.000147067	0.129695	-7.7104	0.000779307	0.203911	-4.90411	10.1024	15.658	1.37771	1
cg20327057	0.148709	0.603682	-1.6565	0.117881	0.575031	-1.73904	0.217351	0.65513	-1.52642	0.000424551	0.162199	-6.16526	7.51652	12.6408	1.49488	1
cg04729491	0.505313	1.36653	1.36653	0.00406514	0.168321	-5.94102	0.577596	1.29681	1.29681	0.770873	0.873792	-1.14444	7.15077	24.1718	3.00472	1
cg25102216	0.96007	0.98492	-1.01531	0.601767	0.852316	-1.17327	0.256001	0.697775	-1.43313	0.000317089	0.170311	-5.87162	7.07613	10.3224	1.29668	1
cg19700087	0.62387	1.14887	1.14887	0.512491	1.20504	1.20504	0.00171233	0.28449	-3.51506	0.00135102	0.270627	-3.69512	6.92274	8.64407	1.10991	1
cg00765828	0.00570327	0.210093	-4.7598	0.107018	0.468961	-2.13237	0.0033665	5.56557	5.56557	0.00900535	4.17533	4.17533	6.828	20.0303	2.60761	1
cg03685843	0.645373	0.871612	-1.1473	0.562124	0.840462	-1.18982	0.279018	0.716228	-1.3962	0.000250927	0.166832	-5.99405	6.72035	9.35925	1.23793	1
cg18180056	0.382698	0.798675	-1.25207	0.186251	1.42175	1.42175	0.270914	0.749882	-1.33354	0.000264284	0.222041	-4.50366	6.41874	6.41057	0.887756	1
cg13090220	0.816854	1.07929	1.07929	0.215181	1.5359	1.5359	0.00341216	0.270148	-3.70167	0.000686646	0.181728	-5.50273	6.36992	10.9142	1.52301	1
cg04414975	0.919327	1.04776	1.04776	0.146667	2.04906	2.04906	0.000707268	0.0928748	-10.7672	0.00202807	0.13477	-7.42003	6.15524	20.6734	2.98548	1
cg05384697	0.799289	0.886125	-1.12851	0.0228055	0.274498	-3.64301	0.000488488	0.0748204	-13.3653	0.00348313	0.152403	-6.56156	5.81586	20.7384	3.16964	1
cg17513770	0.0247586	0.503635	-1.98556	0.00478536	0.382549	-2.61404	0.179963	0.693906	-1.44112	0.0097717	0.432401	-2.31267	5.81567	6.06503	0.927002	1
cg04386563	0.375297	0.846312	-1.1816	0.467727	1.14511	1.14511	0.897243	0.976584	-1.02398	0.00221105	0.455416	-2.19579	5.72447	3.04892	0.473432	1
cg00407452	0.051425	0.691388	-1.44637	0.093871	0.735961	-1.35877	0.266958	0.824919	-1.21224	0.145352	0.770883	-1.29721	5.60233	2.45737	0.389897	1
cg15936861	0.0888089	2.22397	2.22397	0.897735	1.05628	1.05628	0.000304263	0.0821654	-12.1706	0.0409115	0.366117	-2.73137	5.59022	16.0543	2.55276	1
cg19790509	0.0516696	0.176562	-5.66375	0.00202386	0.0330776	-30.232	0.0336871	0.143383	-6.97431	0.017596	0.104175	-9.59922	5.22896	50.7729	8.63107	1
cg23917477	0.894423	1.05681	1.05681	0.0325668	0.353069	-2.83231	0.00086704	0.124916	-8.00536	0.0185592	0.304818	-3.28065	5.16445	14.1667	2.43832	1
cg05160910	0.475484	1.1625	1.1625	0.536897	0.878314	-1.13855	0.0677298	0.654004	-1.52904	0.000321548	0.298864	-3.34601	5.15897	3.51818	0.606182	1
cg01163404	0.858803	0.900191	-1.11088	0.000940914	0.054292	-18.4189	0.0494359	0.266084	-3.75821	0.00310525	0.0917346	-10.901	5.00556	27.6422	4.9087	1
cg12072740	0.178216	0.396859	-2.51979	0.00151934	0.0523356	-19.1075	0.00561648	0.0954837	-10.473	0.0287147	0.188826	-5.29588	4.97206	32.8683	5.87608	1
cg12820134	0.576738	0.759908	-1.31595	0.0134528	0.225385	-4.43685	0.0656086	0.365657	-2.7348	0.00513412	0.165318	-6.04895	4.9585	18.6181	3.3376	1
cg13123585	0.64061	1.21846	1.21846	0.160725	1.87693	1.87693	0.00722625	0.233007	-4.29172	0.00257522	0.172711	-5.79002	4.82963	13.5081	2.48615	1
cg07067993	0.454648	0.587533	-1.70203	0.0135366	0.118357	-8.44898	0.00929451	0.0998145	-10.0186	0.00806567	0.0935131	-10.6937	4.77359	36.8665	6.8649	1
cg26322591	0.662596	1.2253	1.2253	0.00316827	0.154788	-6.46045	0.0954287	2.33444	2.33444	0.124665	0.46332	-2.15833	4.69053	15.9111	3.01526	1
cg25625370	0.0639309	0.57928	-1.72628	0.00195625	0.317266	-3.15193	0.289373	0.749505	-1.33421	0.0295844	0.51089	-1.95737	4.52565	4.92728	0.967774	1
cg17157798	0.11677	0.359578	-2.78104	0.00913809	0.137048	-7.29669	0.0119706	0.152308	-6.56562	0.0749428	0.304096	-3.28843	4.48768	25.6054	5.07173	1
cg03420866	0.590546	1.49005	1.49005	0.00539458	0.0679196	-14.7233	0.772537	0.808314	-1.23714	0.0237631	0.137862	-7.25362	4.33324	36.9978	7.58945	1
cg25013011	0.0892215	2.17518	2.17518	0.0992781	2.11539	2.11539	0.000701434	8.52178	8.52178	0.0553328	2.46127	2.46127	4.39525	10.6388	2.42052	1
cg26522894	0.834079	1.07326	1.07326	0.321834	1.41194	1.41194	0.00933271	0.329101	-3.03858	0.24771	0.665419	-1.50281	4.31835	7.76987	1.59935	1
cg14918019	0.345291	0.775768	-1.28905	0.94443	1.01838	1.01838	0.118827	0.642605	-1.55617	0.000481895	0.239252	-4.17969	4.31311	4.66094	0.960573	1
cg13115424	0.28538	1.26274	1.26274	0.51819	0.871341	-1.14766	0.26411	0.782918	-1.27727	0.000697709	0.337131	-2.96621	4.29379	3.00589	0.622273	1
cg27463181	0.196709	2.20983	2.20983	0.669716	1.28307	1.28307	0.00992174	0.150737	-6.63407	0.00475864	0.11332	-8.82456	4.14098	22.1322	4.75083	1
cg08261450	0.682874	0.797949	-1.25321	0.0103418	0.169488	-5.90014	0.00274779	0.103235	-9.68663	0.0138554	0.188052	-5.31767	4.06759	19.4512	4.25068	1
cg26411747	0.0414585	0.235073	-4.25401	0.00280015	0.079162	-12.6323	0.284636	0.50441	-1.98251	0.0429483	0.238268	-4.19695	4.06032	24.3813	5.33758	1
cg02767665	0.477734	1.51307	1.51307	0.0513677	0.280064	-3.57061	0.00196498	0.0812445	-12.3085	0.0120598	0.165946	-6.02605	3.95938	20.6422	4.63421	1
cg12580503	0.354642	0.735687	-1.35927	0.00166026	0.23445	-4.26531	0.399008	0.757051	-1.32092	0.0108738	0.356751	-2.80307	3.91991	6.45065	1.46277	1
cg05479657	0.607092	1.23089	1.23089	0.0749535	0.451902	-2.21287	0.429671	0.724063	-1.3811	0.00318038	0.199189	-5.02035	3.82444	9.71585	2.25819	1
cg17186073	0.763248	0.929347	-1.07602	0.0137448	2.09354	2.09354	0.130686	0.67309	-1.48569	0.00827257	0.440867	-2.26826	3.7271	3.47267	0.828209	1
cg20168964	0.750664	1.20975	1.20975	0.83912	0.885664	-1.1291	0.00145328	0.0640959	-15.6016	0.0141247	0.163811	-6.10458	3.62564	20.4859	5.02248	1
cg05742082	0.943744	1.02245	1.02245	0.246611	1.46399	1.46399	0.485989	0.800346	-1.24946	0.0160501	0.395688	-2.52724	3.52009	5.51781	1.39335	1
cg26697255	0.361845	0.671681	-1.4888	0.0564419	0.394085	-2.53753	0.0494886	0.379988	-2.63166	0.87312	1.06992	1.06992	3.74185	10.3716	2.15582	1
cg23266743	0.87834	0.971355	-1.02949	0.0160276	0.571608	-1.74945	1.39E-05	5.58985	5.58985	0.000151308	3.43398	3.43398	16.2769	9.27967	0.506767	1
cg04519916	0.0711802	0.709671	-1.4091	5.83E-05	0.281579	-3.5514	3.50E-07	0.0816586	-12.2461	0.00128484	0.449965	-2.22239	44.0644	20.2075	0.407636	1
cg11805745	0.639014	1.07613	1.07613	0.0168098	1.57317	1.57317	2.02E-05	0.262042	-3.81618	0.323533	0.853551	-1.17158	19.4907	7.44497	0.339534	1
cg21070161	0.205639	0.686037	-1.45765	0.0167028	0.438435	-2.28084	0.000151855	6.26015	6.26015	0.490612	0.820689	-1.21849	13.0996	16.5247	1.12131	1
cg09309286	0.0154772	1.43419	1.43419	0.0410386	1.33142	1.33142	0.000133857	0.447739	-2.23344	0.506181	1.08534	1.08534	11.452	2.67339	0.207505	1
cg01410878	0.00688588	0.451112	-2.21674	0.0150943	0.506887	-1.97282	0.000314709	3.77577	3.77577	0.193021	1.36813	1.36813	10.2234	8.38272	0.728848	1
cg24071532	0.957137	1.00749	1.00749	0.00816674	0.625079	-1.5998	0.000218266	2.35285	2.35285	0.781374	1.03937	1.03937	8.73279	2.66469	0.271232	1
cg24274176	0.63893	1.09704	1.09704	0.0302464	1.64758	1.64758	0.000228369	0.301161	-3.32048	0.668488	1.08809	1.08809	8.09881	4.92681	0.540744	1
cg24478765	0.0294382	0.241482	-4.14109	0.00114568	0.0707275	-14.1388	0.00700367	0.144836	-6.90436	0.0171538	0.200012	-4.9997	6.60096	32.0942	4.32183	1
cg14270687	0.0108021	4.77201	4.77201	0.000579964	13.4304	13.4304	0.00392874	6.64627	6.64627	0.0929967	2.46454	2.46454	6.50191	24.5307	3.35364	1
cg11247087	0.753451	0.94438	-1.0589	0.00390657	2.0249	2.0249	0.0292786	0.627257	-1.59424	0.213648	0.788339	-1.26849	6.46736	3.3787	0.464376	1
cg26085533	0.483628	1.23628	1.23628	0.0283365	0.462442	-2.16243	0.000296669	0.172877	-5.78447	0.127325	0.611842	-1.63441	6.44753	9.06538	1.2498	1
cg02657800	0.00733378	5.84266	5.84266	0.00419442	7.08955	7.08955	0.00831765	5.59897	5.59897	0.00429154	7.03254	7.03254	5.84419	24.139	3.67149	1
cg07660838	0.033371	0.365701	-2.73448	0.00126893	0.149186	-6.70305	0.659729	0.835889	-1.19633	0.0474492	0.399549	-2.50282	5.63628	14.6116	2.30437	1
cg23052220	0.0418909	0.588472	-1.69932	0.00170392	0.363081	-2.75421	0.833318	0.953466	-1.0488	0.0589028	0.617321	-1.6199	5.54297	4.48841	0.719776	1
cg13273703	0.00554306	0.250948	-3.98489	0.0576126	0.442876	-2.25797	0.0087849	0.281986	-3.54627	0.365351	0.702701	-1.42308	5.43265	12.3814	2.02584	1
cg23403099	0.946123	1.02607	1.02607	0.606842	0.820631	-1.21857	0.000228156	0.0970628	-10.3026	0.0941427	0.49614	-2.01556	4.81183	11.0535	2.04191	1
cg08791922	0.296742	0.699603	-1.42938	0.396639	0.750793	-1.33193	0.000672753	0.179524	-5.57028	0.196051	0.636698	-1.5706	4.04484	6.98532	1.53509	1
cg01107136	0.0179159	3.07973	3.07973	0.0148874	3.22513	3.22513	0.0729704	2.18567	2.18567	0.108422	1.98312	1.98312	3.40515	8.24365	2.15194	1
cg00196787	0.687112	0.950346	-1.05225	0.320381	0.878846	-1.13786	1.75E-05	3.0215	3.0215	0.629683	0.940719	-1.06302	11.285	2.82768	0.222728	1
cg21745612	0.462385	0.716512	-1.39565	0.181305	0.531337	-1.88205	3.84E-05	33.6845	33.6845	0.0380438	2.91999	2.91999	10.358	32.5729	2.7953	1
cg03442425	0.296907	0.664273	-1.50541	0.347191	0.69341	-1.44215	4.51E-05	18.5391	18.5391	0.0900209	2.02744	2.02744	9.54995	21.6399	2.0142	1
cg06459443	0.147264	0.85531	-1.16917	0.0119134	0.729497	-1.37081	0.00383261	1.47953	1.47953	0.415008	0.919677	-1.08734	7.68614	1.22946	0.142185	1
cg06557358	0.650179	1.05587	1.05587	0.00765037	0.66482	-1.50417	0.00402866	1.58409	1.58409	0.897809	0.984817	-1.01542	4.85073	1.08927	0.199607	1
cg18338311	0.444248	0.89465	-1.11776	0.0420622	0.715812	-1.39702	1.75E-05	3.50812	3.50812	0.0183945	1.5042	1.5042	13.8083	4.45532	0.286805	1
cg17750959	0.621683	0.940941	-1.06277	0.0129789	0.685696	-1.45837	0.00058448	1.91658	1.91658	0.0884988	1.25858	1.25858	6.89813	1.63633	0.210857	1
cg02839130	0.664232	0.932173	-1.07276	0.000445598	2.43782	2.43782	0.0165859	1.6009	1.6009	0.780849	1.04587	1.04587	36.1831	14.8207	0.364092	1
cg06416309	0.00020498	0.340959	-2.9329	0.72823	1.06219	1.06219	0.000411466	0.379088	-2.63791	0.0761198	0.710823	-1.40682	31.1459	14.7551	0.421102	1
cg19187831	0.0361842	2.47016	2.47016	0.000290654	0.111532	-8.96602	0.000425723	7.93473	7.93473	0.0014113	5.5606	5.5606	16.9232	36.9349	1.94	1
cg09636293	0.143624	1.47733	1.47733	0.0257471	1.95125	1.95125	0.780693	1.07098	1.07098	0.023697	1.97823	1.97823	13.0337	12.1887	0.727351	1
cg19990785	0.281863	1.54304	1.54304	0.00748923	0.263105	-3.80077	0.00249142	5.10397	5.10397	0.00981796	3.54666	3.54666	8.13237	19.3748	2.11772	1
cg15214183	0.440933	1.6473	1.6473	0.00296362	0.074978	-13.3372	0.00847675	8.45283	8.45283	0.0164455	6.4363	6.4363	6.65987	42.5519	5.67938	1
cg04061873	0.0368629	0.712728	-1.40306	0.00168503	0.534176	-1.87204	0.00230299	0.551569	-1.81301	0.775123	0.96078	-1.04082	6.09211	1.8826	0.274687	1
cg03084949	0.258634	1.7604	1.7604	0.048104	0.338247	-2.95642	0.0103435	4.71114	4.71114	0.0195941	3.87012	3.87012	5.48694	20.0082	3.24134	1
cg21273437	0.758293	1.08197	1.08197	0.000341369	0.229362	-4.35993	0.288172	0.754672	-1.32508	0.0488396	0.563133	-1.77578	5.36969	5.54116	0.917275	1
cg13428943	0.019463	0.674211	-1.48321	0.00310858	1.75859	1.75859	0.594404	0.927737	-1.07789	0.224078	1.19513	1.19513	5.14249	1.58644	0.274219	1
cg21204379	0.0389994	0.640675	-1.56085	0.0546265	0.666153	-1.50116	0.404991	1.17206	1.17206	0.88191	1.02809	1.02809	3.65221	2.0084	0.488813	1
cg01492649	0.885489	0.984672	-1.01557	0.00539035	0.675238	-1.48096	0.440916	1.08789	1.08789	0.183075	1.1635	1.1635	7.56869	1.37733	0.161757	1
cg02709052	0.329713	0.78987	-1.26603	0.00116813	0.327044	-3.05769	0.179639	1.39687	1.39687	0.180721	0.716555	-1.39557	7.20322	6.27402	0.774224	1
cg06539411	0.635663	0.945444	-1.0577	0.743304	1.03938	1.03938	0.00543781	0.650554	-1.53715	0.0250253	0.730949	-1.36808	6.2576	1.36941	0.194524	1
cg05047319	0.231933	0.841478	-1.18839	0.00085157	1.99381	1.99381	0.0977361	1.28417	1.28417	0.118705	1.26258	1.26258	4.01438	1.20497	0.266813	1
cg20031401	0.959397	1.01306	1.01306	0.923106	1.02491	1.02491	0.507699	1.18783	1.18783	0.498434	0.83857	-1.19251	4.21631	3.67007	0.652834	1
cg06448961	0.000101787	0.410469	-2.43624	0.035478	0.728545	-1.3726	0.00492822	1.61899	1.61899	0.00508634	1.61448	1.61448	22.426	5.94352	0.235581	1
cg13230172	0.00450814	0.592971	-1.68642	0.00254721	0.56102	-1.78247	0.0586105	0.744581	-1.34304	0.316478	1.1537	1.1537	17.0246	5.13883	0.268309	1
cg06233497	0.640184	1.10689	1.10689	0.0410459	1.6629	1.6629	0.0374629	1.68339	1.68339	0.41651	0.836002	-1.19617	7.48303	5.51466	0.655072	1
cg15392029	0.167496	0.764158	-1.30863	0.0749815	0.695915	-1.43696	0.106121	0.724236	-1.38077	0.378282	0.84767	-1.1797	4.36615	2.31121	0.47053	1
cg02610360	0.799518	1.13738	1.13738	0.00808244	0.179818	-5.56119	0.202762	1.97422	1.97422	0.0180979	0.234088	-4.27191	3.85486	15.6213	3.6021	1
cg24560288	0.39962	1.18284	1.18284	4.55E-05	0.222863	-4.48707	0.000237155	0.305488	-3.27345	0.0025789	0.443265	-2.25599	29.0787	17.4647	0.533869	1
cg18595258	0.783494	0.849662	-1.17694	0.00689026	0.126297	-7.91785	0.0314133	0.224704	-4.45031	0.0517873	0.270054	-3.70296	3.4717	19.2371	4.92544	1
cg22531018	0.633341	0.853703	-1.17137	0.0171925	2.60002	2.60002	0.0228401	2.45079	2.45079	0.0478002	2.10603	2.10603	5.16893	8.86768	1.52495	1
cg09243021	0.509881	0.864488	-1.15675	0.0310407	0.576124	-1.73574	5.85E-05	5.06049	5.06049	0.0135423	1.94571	1.94571	13.9545	10.4866	0.667986	1
cg27181468	0.739605	0.897054	-1.11476	0.105543	1.77874	1.77874	0.153427	1.64517	1.64517	0.134346	0.591082	-1.69181	6.18331	10.388	1.49333	1
cg13163420	0.66849	1.06633	1.06633	0.00142317	1.98997	1.98997	0.519775	0.907299	-1.10217	0.834465	0.969283	-1.03169	3.83971	1.35172	0.312921	1
cg08261841	0.0191508	0.441471	-2.26516	0.0249469	2.15889	2.15889	0.644429	0.874552	-1.14344	0.460612	1.24193	1.24193	3.48431	4.59086	1.17118	1
cg14329833	0.0061093	0.686966	-1.45568	0.0623099	1.24626	1.24626	0.431927	1.08779	1.08779	0.811136	1.02543	1.02543	17.645	3.07606	0.154961	1
cg12577010	0.523346	0.726253	-1.37693	0.00669197	0.175596	-5.6949	0.752138	1.16963	1.16963	0.229782	0.536257	-1.86478	6.31543	24.4613	3.4429	1
cg14710552	0.819608	1.15469	1.15469	0.0079253	0.117177	-8.53407	0.742554	1.23066	1.23066	0.225863	0.448964	-2.22735	4.60403	28.911	5.58177	1
cg07522970	0.424307	0.66127	-1.51224	0.00594523	0.161497	-6.19208	0.386364	1.56845	1.56845	0.205457	0.508101	-1.96811	3.81263	15.5135	3.61686	1
cg07972322	0.527394	0.726088	-1.37724	0.0113864	0.20527	-4.87164	0.778578	1.15132	1.15132	0.139785	0.451933	-2.21272	4.41867	17.4863	3.51767	1
cg10014112	0.696523	0.805262	-1.24183	0.0133152	0.183673	-5.44445	0.22805	2.01206	2.01206	0.43731	0.645424	-1.54937	3.59532	17.3877	4.29884	1
cg13799986	0.669957	0.815877	-1.22567	0.000574187	0.0796691	-12.5519	0.690269	0.826864	-1.20939	0.00159744	0.116545	-8.58035	7.31021	26.0819	3.17144	1
cg16686137	0.24385	2.6721	2.6721	0.000218845	143.577	143.577	0.000193869	156.939	156.939	0.179379	3.15689	3.15689	10.1531	104.478	9.1469	1
cg16855976	0.444948	0.863412	-1.1582	0.00451352	2.04175	2.04175	0.112981	0.722275	-1.38451	0.243064	0.794225	-1.25909	5.03113	2.8343	0.500757	1
cg22242963	0.160325	4.97487	4.97487	0.00110894	170.847	170.847	0.00899013	34.9282	34.9282	0.224194	3.91878	3.91878	4.01716	72.7953	16.1076	1
cg13647601	0.0133365	5.90441	5.90441	0.0322582	4.27351	4.27351	0.00267135	11.0824	11.0824	0.598027	1.36095	1.36095	3.98834	21.193	4.72334	1
cg08170757	0.00209611	2.83846	2.83846	0.535104	1.12646	1.12646	0.00384785	2.4795	2.4795	0.250264	1.26186	1.26186	51.7795	20.6949	0.285481	1
cg18263177	0.00337966	0.585972	-1.70657	0.260049	0.854243	-1.17063	0.238977	0.84758	-1.17983	0.49586	0.911444	-1.09716	9.36285	2.66644	0.253146	1
cg18655958	0.671999	0.824011	-1.21358	0.0538198	2.94867	2.94867	?	?	?	0.131878	2.17088	2.17088	8.3592	19.3736	1.65546	1
cg17932394	0.285115	0.878433	-1.13839	0.57564	0.936109	-1.06825	0.00123388	1.73584	1.73584	0.184116	1.17879	1.17879	3.76377	0.812433	0.191872	1
cg10364087	0.00765875	1.60512	1.60512	0.0255314	1.44245	1.44245	0.647335	0.938393	-1.06565	0.0153971	0.66332	-1.50757	12.6849	3.8288	0.268301	1
cg23761616	0.00947314	3.33812	3.33812	0.00939899	3.34443	3.34443	4.95E-05	16.3382	16.3382	0.0189059	2.83597	2.83597	12.4962	26.6066	1.89261	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs 047 vs. N)	Fold-Change(1047 vs 047 vs. N)	p-value(105 N)	Fold-Change(105 vs. N)	p-value(111 N)	Fold-Change(111 vs. N)	p-value(112 117 vs. N)	Fold-Change(112 117 vs. N)	p-value(112 127 vs. N)	Fold-Change(112 127 vs. N)	p-value(121 N)	Fold-Change(121 vs. N)	p-value(121 N)	Fold-Change(121 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs 537 vs. N)	Fold-Change(537 vs 537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg04439124	TMEM144	0.00125519	0.254332	0.683349	-1.46338	0.662156	0.8688	-1.15101	0.98294	1.00686	1.00686	0.0777665	0.53417	-1.87206	0.150945	0.611185	-1.63617	0.868505	1.05443	1.05443	0.0053097	0.935938	-1.26864	0.000536621	5.35511	5.35511	0.000282612	0.6726	0.6726	11.0292	17.8742	1.44056	1
cg01836748	TMEM144	0.00151501	0.397094	1.34984	1.34984	1.00652514	3.39663	1.39663	0.455654	0.452406	-2.2104	0.0218659	2.59022	2.59022	0.013274	0.345806	-2.89179	0.0402688	2.26988	2.26988	0.0258909	2.49682	2.04982	0.000182256	8.93146	8.93146	0.069125	2.02095	2.02095	10.4496	19.8073	1.6849	1
cg00962781	TMEM144	0.00353309	0.937101	0.967833	-1.03324	0.000431923	10.0377	10.0377	0.0303728	2.87005	2.87005	0.0196486	3.21434	3.21434	0.258361	0.613508	-1.62997	0.0242304	3.04321	3.04321	0.0396886	2.67868	2.67868	0.00102002	7.5216	7.5216	0.0455676	2.58513	2.58513	8.15082	22.1536	2.41596	1
cg02363711	TMEM144	0.00388693	0.202027	0.534638	-1.87046	0.0133644	2.46537	-2.14659	0.432278	1.22164	1.22164	0.00479325	0.39178	-2.55245	0.000898898	0.294098	-3.39582	0.0194789	0.48979	-2.04026	0.8353351	1.05336	1.05336	0.0195688	2.62327	2.02327	0.627623	0.885055	-1.12987	7.9206	7.82763	0.8784555	1
cg19843036	TMEM144;TMEM144	0.00120594	0.290345	1.62152	1.62152	0.00618094	4.82069	4.82069	0.509159	1.34309	1.34309	0.00193432	6.90542	6.90542	0.511589	1.34076	1.34076	0.0025848	6.32221	6.32221	0.0026667	6.23246	6.23246	9.24E-05	21.6332	21.6332	0.00209141	6.0112	6.0112	11.156	34.2808	2.73142	1
cg00747800	TMEM144;TMEM144	0.00157156	0.766016	0.876299	-1.14116	0.0860604	2.31464	2.31464	0.0251418	0.30776	-3.24928	0.1812	1.87402	1.87402	0.464212	1.39041	-1.39041	0.981551	1.01028	1.01028	0.527687	1.32726	1.32726	0.00997555	4.21934	4.21934	0.00188807	7.02106	7.02106	5.1013	15.8174	2.75614	1
cg18350625	TMEM144;TMEM144	0.040631	0.725619	1.16725	1.16725	0.07727789	2.36804	2.36804	0.188292	0.542343	-1.84385	0.835498	0.912778	-1.09556	0.579097	1.27881	1.27881	0.5149351	1.33618	1.33618	0.823085	0.906392	-1.10328	0.00682421	4.65598	4.65598	0.00568376	4.91416	4.91416	3.66194	11.1722	2.71191	1
cg09405115	TMEM145	1.31E-05	0.001000088	0.404563	-2.47179	0.004896	1.07842	1.07842	0.0637864	0.62779	-1.59288	0.555622	0.924799	-1.08132	1.33E-05	0.302323	-3.30772	2.41E-05	0.331564	-3.01601	0.4677	0.881932	-5.40256	0.501689	0.914456	-1.09195	0.001018867	0.528902	-1.89071	37.6395	10.2534	0.242143	1
cg22201153	TMEM145	0.000368074	0.374406	1.33379	1.33379	0.12372	1.69351	1.69351	0.568652	0.840826	-1.18931	8.52E-06	0.0468421	-21.5483	0.844172	0.599711	-1.66416	0.000911308	0.208691	-4.79178	0.0749818	0.559803	-1.78634	0.232584	5.48518	1.48518	0.617134	1.17264	1.17264	15.5524	9.4502	1.40556	1
cg18345647	TMEM145	0.00264866	0.171572	0.870393	-1.14891	0.0474708	1.24139	1.24139	0.00654816	1.40055	1.40055	0.3709955	1.09156	1.09156	0.00217808	0.663359	-1.50695	0.00734355	1.38799	1.38799	0.00667122	0.7348856	-1.39888	0.151602	1.1578	1.1578	0.1188222	1.17535	1.17535	8.87958	1.2791	0.128044	1
cg04546292	TMEM145	0.00854156	0.895625	1.02807	1.02807	0.1339605	1.17485	1.17485	0.71387	0.887169	1.12677	0.0127759	1.6729	1.6729	0.0977832	1.47382	1.47382	0.1444	0.0296898	1.77213	1.77213	0.0204101	1.84904	0.0494005	1.98205	1.98205	0.0144111	2.19751	2.19751	6.99668	5.05208	0.641838	1
cg16527552	TMEM145	0.00945186	0.0577771	0.417206	-2.3969	0.000569322	0.16151	-8.60951	0.0114672	0.279177	-3.58405	0.0707	0.875739	-1.14189	0.0460666	0.976389	-2.51453	0.066064	0.4353	-2.29727	0.00575702	0.232295	-4.30487	0.144681	0.533158	0.188107	0.735101	1.46481	0.601792	15.5079	2.29063	1
cg11955331	TMEM145	0.00415863	0.0415863	0.501231	0.0426954	0.2609542	33.1821	33.1821	0.1235152	15.3378	15.3378	0.129186	15.3792	15.3792	0.0405268	51.5804	51.5804	0.0203395	0.0288199	75.5616	0.0883949	258.755	258.755	0.0272118	78.0189	78.0189	0.0648039	30.6952	30.6952	0.14358	0.1643	39.1178	1
cg08376051	TMEM145	0.000126838	0.0498196	1.35008	1.35008	0.0407338	0.736761	-1.35729	0.0764999	0.767694	-1.3026	0.0741905	0.75675	-1.30595	0.00363261	0.589802	-1.69548	0.000339596	0.460922	-2.16956	2.95E-05	0.223919	-4.4659	0.682148	1.0568	1.0568	0.0195219	0.684753	-1.46038	20.7736	5.92208	0.253402	1
cg10252086	TMEM146;LONP1	0.000137978	0.996279	0.999391	-1.00061	0.00239852	0.57457	-1.73775	0.254385	1.16281	1.16821	0.0417568	0.612331	-1.6331	0.977529	0.996327	-1.00369	0.108666	0.795543	-1.257	4.41E-06	0.251188	-3.98107	0.0205425	1.43983	1.43983	0.00100544	0.531601	-1.88111	20.3087	5.48882	0.240239	1
cg16028579	TMEM146;LONP1	0.0018546	7	7	7	0.6684927	0.1924	1.19114	0.341071	1.48962	1.48962	7	1.48962	7	0.0003255	0.043356	-2.01651	0.0402713	0.251221	4.56E-05	0.043356	-2.01651	0.860074	0.964698	-1.03659	0.876352	1.03222	1.03222	0.00683203	2.03903	2.03903	0.00118272	2.63485	2.63485	5.48257	3.2023	0.584087	1
cg08579082	TMEM146;LONP1	0.0133831	7	7	7	0.6684908	0.6600067	-1.515	0.21087	1.30803	1.30803	0.723792	1.07495	1.07495	0.714842	1.07761	1.07761	0.860074	0.964698	-1.03659	0.876352	1.03222	1.03222	0.00683203	2.03903	2.03903	0.00118272	2.63485	2.63485	5.48257	3.2023	0.584087	1
cg13451483	TMEM146;LONP1	0.0241479	0.550052	1.12476	1.12476	0.3592882	1.20112	1.20112	0.0113511	1.84051	1.84051	0.162908	1.33586	1.33586	0.704236	1.07625	1.07625	0.00390373	2.12829	2.12829	0.0321237	0.613851	-1.62906	0.331127	0.815682	-1.22597	0.81437	0.955303	-1.04679	4.41	2.63991	0.552106	1
cg03595538	TMEM146;TMEM146;LONP1	1.83E-07	7.36E-08	0.084761	11.8799	7.03E-05	1.32995	1.32995	1.45E-07	0.28499	-3.50889	6.49E-07	0.755317	1.32995	1.90E-04	0.624268	-1.60207	4.66E-07	0.276581	-3.61625	1.76E-05	0.568231	-1.75963	7	6.28E-07	1.33651	1.74E+13	1.90511	1.90511	1.14E-13	1
cg24703941	TMEM147	0.00749795	0.0112832	1.17955	1.17955	0.0929865	0.908311	-1.10094	0.123559	0.916864	-1.09067	0.526905	0.96719	-1.03392	0.785673	0.985917	-1.01428	0.63889	1.0249	1.0249	0.000509826	0.753923	-1.3264	0.0280733	0.873723	-1.14453	0.201391	0.932202	-1.07273	6.47456	0.277645	0.038117	1
cg13869971	TMEM147;GAPDHS	0.00165904	0.160427	0.831494	-1.2741	0.079944	1.05177	1.05177	0.0148852	1.18953	1.18953	0.0139683	0.917151	-1.09064	0.709099	1.03646	-1.03646	0.0890272	1.12271	1.12271	0.226207	0.873634	-1.14496	2.44E-05	2.44211	2.44211	0.0405933	1.91751	1.91751	6.99668	5.05208	0.641838	1
cg14074581	TMEM149	0.0119304	0.0247404	0.378699	-2.64062	0.00250158	0.59598	0.59598	0.329269	1.44152	1.44152	0.914719	0.96184	-1.03967	0.0479484	0.43996	-2.27294	0.379108	1.38782	1.38782	0.265022	0.655792	-1.52482	0.0294871	0.394117	-2.53732	0.117783	1.85325	0.54002	11.6669	1.85718	1
cg15139596	TMEM149	0.0195824	0.0952759	0.617217	-1.62007	0.0146967	1.55402	1.55402	0.0174224	1.57002	1.57002	0.0148607	0.631547	-1.58343	0.0095741	0.512008	-1.9529	0.0080804	0.793893	-1.25956	0.0230759	0.590578	-1.69326	0.0078426	1.52993	1.52993	0.0050134	0.643752	-1.55339	4.82642	0.0048	0.944	1
cg10589950	TMEM149	0.0449687	0.0254871	1.58656	-1.70486	0.290204	0.802049	-1.24681	0.598917	1.11255	1.11255	0.0583976	0.650664	-1.53689	0.544147	0.883938	1.1313	0.3449552	1.822446	-1.21589	0.0795315	1.47858	1.47858	0.0158604	1.81073	1.81073	0.800766	1.05213	1.05213	3.52645	2.25534	0.56849	1
cg12967050	TMEM149;TMEM149	0.000879998	0.0502787	0.713442	-1.40087	0.725603	0.948164	-1.05467	0.0239665	0.655875	-1.52507	0.195133	0.813028	-1.22997	1.69E-05	0.263375	-3.79687	0.0446531	0.705942	-1.41655	0.0168155	0.643603	-1.55375	0.0035944	1.14563	1.14563	0.0023186	0.525883	-1.90156	12.9992	4.40872	0.321221	1
cg19327606	TMEM149;TMEM149	0.0115768	0.345347	1.19016	1.19016	0.1643615	1.27009	1.27009	0.0143615	1.39728	1.39728	0.169515	0.779603	0.872193	-1.1465	0.342019	-2.92405	0.0740076	1.19258	1.19258	0.0779601	0.737733	1.65737	0.0374502	1.4423	1.4423	0.00483733	0.567307	-1.76272	5.56871	2.05456	0.529383	1
cg16911583	TMEM149;UZAF1L4;UZAF1L4	0.010419	0.525324	0.797065	-1.2546	0.0205042	0.373894	-2.67456	0.0395164	0.432078	-2.3144	0.209983	0.635454	-1.57368	0.00096738	0.177098	-5.6466	0.32024	0.696322	-1.43612	0.00277367	0.233646	-4.27997	0.385067	1.36865	1.36865	0.0534857	0.461672	-2.16604	5.83342	11.4736	1.74834	1
cg02751631	TMEM150A	0.00182255	0.14289	1.17456	1.17456	0.0340072	1.32768	1.32768	0.0529754	1.20842	1.20842	0.0191382	1.53003	1.53003	0.196679	0.709241	-1.41009	0.0093669	1.40027	1.40027	0.0023194	0.593123	-1.68679	0.0778411	1.15219	1.15219	0.102938	0.8403032	1.11517	1.11517	9.60371	1.64311	0.429647	1
cg15108222	TMEM150A	0.00243946	0.00501256	0.55078	-1.95779	0.811428	0.957675	-1.0442	0.0910913	0.78185	-1.27905	0.0805705	0.971918	-1.02889	0.0203555	0.468962	-2.13237	0.0369259	0.645012	-1.55036	0.00138008	0.303743	-3.29225	0.0663598	0.992398	-1.00706	0.0042867	0.5009953	1.2962	0.0974	4.71722	0.46091	1
cg21989399	TMEM150A	0.00712308	0.7116683	0.972687	-1.02808	0.0291792	1.21305	1.21305	0.0123317	1.26386	1.26386	0.0351825	0.831625	-1.20246	0.926001	0.993043	-1.00701	0.0032084	1.35295	1.35295	0.00857357	1.28657	1.28657	0.0438957	1.1901	1.1901	0.0210897	1.23177	1.23177	6.57924	0.58945	0.079026	1
cg02872108	TMEM150A	0.00154891	0.2745021	1.2035	1.2035	0.1615	1.07842	1.07842	0.0256349	1.22523	1.22523	0.0228377	1.12667	1.12667	0.711719	0.951567	-1.05093	0.883448	1.16267	1.16267	0.0839254	1.38316	1.38316	0.0133256	1.23985	1.23985	0.0974666	1.22921	1.22921	5.22282	12.5163	2.39647	1
cg03659126	TMEM150A	0.0199885	0.805533	0.971527	-1.02931	0.926203	0.10191	-1.01091	0.963532	0.99466	-1.00537	0.800928	0.970845	-1.03003	0.703763	0.955168	-1.05134	0.284819	0.878003	-1.13895	0.000488929	0.527401	-1.89609	0.8786	0.982259	-1.01806	0.585946	0.937617	-1.06653	0.683553	0.8000881	0.193071	1
cg14922389	TMEM150A	0.0035051	0.2082657	1.20857	1.20857	0.1603608	1.03161	1.03161	0.0138536	0.790757	-1.26465	0.0174222	0.75002	-1.33317	0.0048607	0.631547	-1.58343	0.0095741	0.512008	-1.9529	0.0080804	0.793893	-1.25956	0.0023194	0.593123	-1.68609	0.0042867	0.5009953	1.2962	0.0974	4.71722	0.46091	1
cg18568841	TMEM154	0.0447521	0.0098143	0.351551	-2.84454	0.0631256	0.512024	-1.95303	0.0861491	0.544863	-1.83532	0.429813	0.772526	-1.29445	0.023191	0.419304	2.3849	0.0696449	0.522157	-1.91513	0.0329186	0.449846	-2.22298	0.0372689	0.46106	-2.16891	0.0247246	0.42474	-2.35438	3.53282	0.73823	0.144379	1
cg01408342	TMEM154	0.0452041	0.0860528	0.402583	-2.48396	0.303165	1.33591	1.33591	0.162571	1.49904	1.49904	0.318168	1.32335	1.32335	0.159359	1.32711	1.32711	7	7	0.11451	1.59378	1.59378	0.712106	1.10589	1.10589	0.0312201	1.98662	1.98662	5.57304	3.70899	1.03805	1
cg20442745	TMEM154;MTMR9LA	0.783801	0.0144904	0.479053	-2.08703	0.0148841	0.248	-4.19395	0.0132998	0.42269	-2.36611	0.0133388	0.705847	-1.41674	0.0013982	0.370497	-2.69947	0.0009807	0.342712	-2.9179	0.183223	1.40963	1.40963	0.0018426	0.983464	-1.01681	0.207458	1.33112	1.33112	4.6795	0.464641	0.651764	1
cg03808140	TMEM148;TMEM148;TMEM148;TME	0.0408258	0.243963	0.733458	-1.3634	0.7159	1.0974	1.0974	0.024056	1.98238	1.98238	0.20003	0.708758	-1.41092	0.0105063	0.440962	-2.26777	0.0445604	0.556251	-1.79775	0.356882	0.785875	-1.27247	0.22656	1.38108	1.38108	0.829953	1.0576	1.0576	3.65548	3.74362	0.91032	1
cg00210204	M148	0.0216746	0.860666	1.01679	1.01679	0.601836	1.05116	1.05116	0.667123	1.04186	1.04186	0.382096	0.918551	-1.08867	0.571257	1.04075	1.04075	0.698715	0.963808	-1.03755	0.00331983	0.575748	-1.73687	0.831714	1.02012	1.02012	0.51181	1.06509	1.06509	4.57727	0.651194	0.12646	1
cg20681931	TMEM41C;TMEM41C	0.00186516	0.358673	1.09123	1.09123	0.398354	1.09526	1.09526	0.0289058	0.787975	-1.26908	0.000218338	0.565416	-1.76861	0.00233604	0.674984	-1.48152	0.00010491	0.530458	-1.88516	0.000106453	0.531159	-1.88268	0.00897734	0.735176	-1.35985	0.0175717	1.30664	1.30664	18.7219	2.53724	0.120464	1
cg10011792	TMEM41C;TMEM41C	0.000499146	0.0429753	0.607228	-1.64668	0.0190818	0.576	-1.73611	0.0203278	0.316518	-3.15972	0.0124153	0.450102	-2.22098	0.00126307	0.316518	-3.15972	0.000124	0.109371	-9.14271	0.0001355	0.200777	-4.97939	0.0164676	1.301	1.301	0.507144	0.848793	-1.17814	14.3973	13.4384	0.835487	1
cg15936316	TMEM41C;TMEM41C	0.00291531	0.042399	0.463392	-2.29152	0.00538708	0.2726	-3.66838	0.303626	1.45932	1.45932	0.0149118	0.345723	-2.89240	0.000600222	0.157166	-6.36272	0.0978532	0.525063	-1.90453	0.000391234	0.134684	-7.42478	0.0985337	0.525878	-1.90158	0.0642987	0.478335	1.87235	0.63269	17.2032	1.77168	1
cg03178974	TMEM41C;TMEM41C	0.00179867	0.0595193	0.548553	-1.82306	0.0218616	0.31186	-3.20715	0.0502902	0.376158	-2.65836	0.0107763	0.296198	-3.37585	0.000703743	0.184466	-5.42033	0.0030183	0.427382	-2.33956	0.0110316	0.384664	-2.59987	0.0127368	1.10816	1.10816	0.0238752	0.945274	-1.05788	0.654632	0.588818	0.443809	1
cg14938730	TMEM41C;TMEM41C	0.017	0.788477	0.974116	-1.02657	0.238323	0.886518	-1.12801	0.418675	1.08393	1.08393	0.787985	0.974055	-1.02664	0.297841	0.900039	-1.11099	0.0030183	0.672669	-1.48662	0.0226251	0.766284	-1.305	0.293633	1.11209	1.11209	0.0107601	1.36685	1.36685	4.96948	0.748754	0.133897	1
cg10995588	TMEM150A;TMEM150A;TMEM150A	0.002031087	0.0017773	0.337676	-2.7857	3.11E-05	0.154988	-6.45489	0.0013784	0.289856	-3.45001	0.0015896	0.338175	-2.95707	0.0064585	0.571732	-1.74963	0.0009396	0.272546	-3.66911	0.0002384	0.176135	-5.67603	0.0026435	0.780469	-1.28131	0.0195426	0.640502	-1.56146	4.96984	13.9279	0.746413	1
cg02544422	TMEM150A;TMEM150A;TMEM150A	0.00108809	0.011029	0.408665	-2.44705	0.0204068	0.306439	-3.26316	0.0115153	0.639036	-1.56451	0.913996	1.03076	1.03076	0.0313034	0.260921	-3.83315	0.0068243	0.615453	-1.62493	0.0027227	0.0031757	0.508817	-1.96553	0.0263702	0.380174	-2.63012	0.0362222	0.556376	-1.79747	11.4878	3.10895	1
cg22321558	TMEM150A;TMEM150A;TMEM150A	0.00311875	0.0103097	0.764736	-1.30764	0.163659	0.878021	-1.13892	0.00216174	1.45464	1.45464	0.16087	0.877777	-1.13924	0.00492769	0.723111	-1.38291	0.00531964	0.726402	-1.37665	0.368727	0.922786	-1.08367	0.138962	1.1487	1.1487	0.08796	1.1781	1.1781	8.45998	1.01512	0.106658	1
cg18780276	TMEM150A;TMEM150A;TMEM150A	0.0199148	0.485096	1.07535	1.07535	0.2295449	1.22523	1.22523	0.0228377	1.12667	1.12667	0.711719	0.951567	-1.05093	0.883448	1.16267	1.16267	0.0242591	1.83103	1.83103	0.0004929	0.525111	-1.90372	0.0324548	0.918518	1.18918	0.874962	1.01256	1.01256	7.09259	0.78764	0.088423	1
cg24999111	TMEM150A;TMEM150A;TMEM150A	0.00725192	0.236227	1.26928	1.26928	0.560828	0.893165	-1.11961	0.626353	0.910044	-1.09885	0.00529698	0.493571	-2.02605	0.266271	1.24924	1.24924	0.122297	1.3795	1.3795	0.0117749	0.546408	-1.83014	0.00712483	0.512859	-1.94986	0.0145854	1.78232	1.78232	5.64251	3.82445	0.519604	1
cg12505904	TMEM150A;TMEM150A;TMEM150A	0.0232617	0.100349	0.779428	-1.28284	7	7	7	0.144055	0.799932	-1.25011	0.122123	0.787952	-1.26911	0.428082	0.891297	-1.12196	0.0924249	0.79743	-1.2993	0.000588301	0.469868	-2.12826	0.0891722	1.00193	1.00193	0.0614664	1.09153	1.09153	1.0969	4.54639	1.29481	1
cg25942176	TMEM150A;TMEM150A;TMEM150A	0.0853388	0.128418	1.22905	1.22905	0.860052	0.978096	-1.02239	0.0795955	1.277	1.277	0.0385243	0.740308	-1.35097	0.6612584	0.7674611	-1.303	0.453031	1.10069	1.10069	0.00776936	1.53569	1.53569	0.958962	1.00648	1.00648	0.823785	1.02839	1.02839	3.73384	0.931399	0.221731	1
cg04391588	TMEM150B	1.01E-06	0.0555053	0.836014	-1.19615	0.0165381	1.27334	1.27334	1.78E-07	0.265658	-3.76424	0.0915927	0.858822	-1.16435	0.000282192	0.612744	1.632	0.148012	0.879783	-1.13664	8.75E-08	0.234263	-4.26871	0.00199377	1.41364	1.41364	0.0755349	0.895353	-1.17737	13.1079	7.88701	0.0958923	1
cg04706227	TMEM150B	0.00106036	0.0216047	0.453651	-2.20469	0.152184	0.776	-1.28866	0.0301785	0.603923	-1.65622	0.0028462	0.603783	-1.65622	0.0028462	0.551442	1.82542	0.0100395	0.563383	-1.77499	0.0226166	0.627199	-1.59439	0.0084459	0.844731	-1.18408	0.0034194	0.495422	2.01884	0.78072	4.43833	1
cg01006721	TMEM150B	0.00494353	0.00940624	1.60833	1.60833	0.0784308	0.754147	-1.326	0.227157	0.831761	-1.20083	0.290982	0.836976	-1.19478	0.00397253	0.571768	-1.74896	0.000746008	0.477734	-2.09321	0.772007	1.04283	1.04283	0.0375465	0.705893	-1.41665	0.407338	0.884847	-1.13014	7.36408	2.42988	0.293302	1
cg22978807	TMEM150B	0.00494502	0.0145992	0.422597	-2.42207	0.137609	0.548609	-1.82279	0.033154	0.342597	-2.54102	0.0178559	0.339239	-2.94777	0.00193409	0.192584	-5.19227	0.0076894	0.27637	-3.61833	0.0115275	0.205783	-3.88088	0.0133122	0.392767	-2.54604	0.0248135	0.36674	-2.72673	6.0092	13.4713	1.98471	1
cg01489177	TMEM150B	0.0202646	0.0493886	0.529944	-1.88699	0.676349	1.12622	1.12622	0.0617738	0.551218	-1.81416	0.201871	0.6828	-1.46456	0.0102402	0.26094	-3.8323	0.0101107	0.405535	-2.46709	0.0754457	0.571005	-1.7513	0.0449961	0.521337	-1.91814	0.142178	0.6397	-1.56323	6.68359	0.594639	1.12855	1
cg13320947	TMEM150B	0.0304586	0.0791321	0.729127	-1.3715	0.136161	1.29723	1.29723	0.124437	1.30943	1.30943	0.462621	1.12691	1.12691	0.116863	0.758749	-1.31796	0.114906	0.757429	-1.32026	0.0322397	0.666026	-1.50144	0.0150553	1.6229	1.6229	0.661459	1.07402	1.07402	4.06486	1.6908	0.369738	1
cg08109734	TMEM150B	0.0130396	0.146005	1.47342	1.47342	0.0035669	0.717256	-1.39456	0.0502594	0.679586	-1.47152	0.0159396	1.24842	-1.73129	0.0434198	0.577238	-1.73247	0.138335	0.645441	-1.54931	0.0107624	0.774539	-1.29107	0.831033	1.0332	1.0332	0.0854511	1.05267	1.05267	0.59059	0.748182	0.088423	1
cg23861617	TMEM150C	0.00102468	0.0044324	0.243661	-4.10407	0.000181713	0.0949454	-10.5324	0.0010979	0.163455	-6.1179	0.043599	0.422014	-2.36959	0.00227939	0.204613	-4.88795	0.0038919	0.285906	-3.49766	0.0005189	0.133571	-7.48564	0.0055462	0.230171	-4.34459	0.040273	0.414407	-2.41309	1.68254	25.5889	1.9465	1
cg18329204	TMEM150C	0.0289752	0.143417	0.642042	-1.55703	0.0952	1.18	1.18	0.0309994	0.897211	-1.11446	0.294538	1.18	1.18	0.0309994	0.897211	-1.11446	0.0010282	0.477172	-2.09545	0.0117762	0.379527	-2.63477	0.0179317	1.37627	1.37627	0.115783	0.793554	-1.26017	0.0174748	3.57564	2.75289	1
cg20211422	TMEM151A	0.0240069	0.64086	0.918094	-1.08921	0.184344	1.29191	1.29191	0.166716	1.30757	1.30757	0.0358058	1.55935	1.55935	0.674096	1.07997	1.07997	0.0201602	1.66481	1.66481	0.0292133	1.59575	1.59575	0.00140019	2.32042	2.32042	0.0845629	1.41482	1.41482	4.41896	2.31543	0.465756	1
cg06818975	TMEM151A	0.0278506	0.0859926	1.38661	1.38663	0.480655	1.13146	1.13146	0.00355674	0.506509	-1.9743	0.222348	1.24727	1.24727	0.420082	0.867685	-1.15249	0.152724	1.30196	1.30196	0.0856163	0.720829	-1.38729	0.115047	1.34343	1.34343	0.302328	1.20213	1.20213	4.19568	1.9725	0.417891	1
cg11544692	TMEM151A	0.0379587	0.1776127	1.33753	1.33753	0.1439063	1.27107	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13391638	TMEM168	0.0218133	0.0060233	0.160934	-6.21371	0.161989	0.467596	-2.1386	0.169295	0.474525	-2.10737	0.0434078	0.306504	-3.2626	0.00335373	0.131089	-7.62841	0.0730843	0.361445	-2.76667	0.0106099	0.194763	-5.13446	0.0403621	0.299533	-3.33853	0.0585603	0.336936	-2.96792	4.56727	18.7468	3.64853	1
cg26371512	TMEM168	0.0234382	0.020868	0.27652	-3.61637	0.363651	0.649467	-1.53972	0.461685	0.707212	-1.414	0.0583392	0.371947	-2.68855	0.0100951	0.222983	-4.48464	0.73129	0.852682	-1.17277	0.00386448	0.165403	-6.04585	0.0147526	0.249741	-4.00414	0.0260406	0.294903	-3.39095	4.45575	15.0829	3.00892	1
cg09453116	TMEM168;TMEM168	0.0215271	?	?	?	0.650749	0.853998	-1.17096	0.762199	1.11082	1.11082	0.0175635	0.367631	-2.72012	0.0741428	0.502013	-1.99198	0.00387742	0.260014	-3.84595	0.393154	0.738661	-1.3538	0.0328772	0.421372	-2.3732	0.00854756	0.312903	-3.19588	4.67025	7.88453	1.68825	1
cg23642078	TMEM169;PECR;PECR;TMEM169;TMEM169;TMEM169	0.000802096	0.138998	0.905318	-1.10458	0.354931	0.942291	-1.06124	0.987656	0.999034	-1.00097	0.392627	0.946769	-1.05622	0.524125	0.960481	-1.04115	0.011707	1.21742	1.21742	3.28E-05	0.604142	-1.65524	0.00719534	1.24196	1.24196	0.0653631	1.13792	1.13792	12.5229	0.773777	0.0549237	1
cg07221635	TMEM169;PECR;TMEM169;TMEM169;TMEM169	0.0128186	0.0663851	0.734773	-1.36096	0.0117835	1.60134	1.60134	0.522191	1.10196	1.10196	0.869752	1.02487	1.02487	0.327791	0.859671	-1.16324	0.166151	0.801695	-1.24736	0.00236505	0.530083	-1.8865	0.580147	1.08723	1.08723	0.0179404	0.650163	-1.53808	5.45511	1.93587	0.315442	1
cg17346426	TMEM169;PECR;TMEM169;TMEM169;TMEM169	0.020813	0.16559	0.743911	-1.34425	0.333374	0.819049	-1.22093	0.122875	1.39711	1.39711	0.00977333	0.520171	-1.92244	0.0910539	0.689101	-1.45117	0.00706885	0.498384	-2.00649	0.077631	1.48047	1.48047	0.612924	0.902978	-1.10745	0.242085	1.27753	1.27753	4.64117	2.94174	0.563409	1
cg05686990	TMEM169;TMEM169;TMEM169;TMEM169	0.00355328	0.550356	1.10045	1.10045	0.00435887	0.546987	-1.8282	0.149481	0.78285	-1.27738	0.0325544	1.48632	1.48632	0.795163	1.04207	1.04207	0.223427	1.22462	1.22462	0.0011812	0.47067	-2.12463	0.095162	1.33703	1.33703	0.00511374	0.556556	-1.79676	8.13692	3.23368	0.353252	1
cg07290273	TMEM17	0.000312062	0.399763	1.21963	1.21963	0.0908859	1.53571	1.53571	0.378487	1.23136	1.23136	0.0620008	1.62258	1.62258	0.32801	1.26181	1.26181	0.75734	0.931103	-1.07399	4.72E-06	0.0894654	-11.1775	0.262975	1.3084	1.3084	0.165882	1.40543	1.40543	16.2735	13.6734	0.746863	1
cg17146694	TMEM17	0.000808536	0.000560994	0.356646	-2.8039	0.603909	0.904047	-1.10614	0.193171	0.766892	-1.30396	0.0338359	0.620296	-1.61213	7.61E-05	0.250919	-3.98535	0.0503948	0.650613	-1.53701	0.000447359	0.343924	-2.90762	0.18085	0.760454	-1.315	0.0013888	0.409367	-2.4428	12.4947	7.35114	0.522969	1
cg03796890	TMEM17	0.0165672	0.122508	0.337016	-2.96722	0.0180719	0.154705	-6.46394	0.0308759	0.192549	-5.19348	0.341476	0.528857	-1.89087	0.004075	0.0816277	-12.2507	0.0272672	0.183072	-5.46234	0.00565163	0.0944163	-10.5914	0.300783	2.00737	2.00737	0.077955	0.28	-3.57143	5.01249	33.5313	5.94627	1
cg10848792	TMEM17	0.0215165	0.204057	1.33873	1.33873	0.214256	1.3292	1.3292	0.104553	0.679676	-1.47129	0.965889	1.00935	1.00935	0.957816	0.988554	-1.01158	0.116729	0.690094	-1.44908	0.000784905	0.331213	-3.0192	0.618052	0.896369	-1.11561	0.340206	1.23853	1.23853	4.58876	3.44244	0.666836	1
cg26093790	TMEM17	0.0445704	0.475369	1.15923	1.15923	0.947863	0.986776	-1.0134	0.00580745	0.479273	-2.0865	0.234785	1.28855	1.28855	0.669278	0.916246	-1.09141	0.9052	0.976038	-1.02455	0.0444726	0.625129	-1.59967	0.0517394	1.56936	1.56936	0.251443	1.27623	1.27623	3.5382	2.3222	0.583397	1
cg08753091	TMEM170A	0.0175168	0.0272279	1.3201	1.3201	0.0386485	1.28982	1.28982	0.0398408	1.28723	1.28723	0.464746	0.923981	-1.08227	0.782692	1.02982	1.02982	0.0563748	0.794864	-1.25808	0.955564	0.994096	-1.00594	0.00926437	1.42034	1.42034	0.0116747	1.39778	1.39778	4.91988	0.879852	0.158965	1
cg04547488	TMEM170B	6.86E-05	0.00545105	1.22173	1.22173	0.761461	1.01682	1.01682	0.0375871	0.87621	-1.14128	0.0409972	1.13791	1.13791	0.139895	1.09091	1.09091	0.0428198	0.880107	-1.13623	1.72E-06	0.51899	-1.92682	0.012295	0.842984	-1.18626	0.0047103	0.814056	-1.22842	24.4834	1.16365	0.0422473	1
cg16471084	TMEM170B	9.80E-05	0.00475835	1.5057	1.5057	0.000244424	0.515875	-1.93845	0.00280888	0.637968	-1.56748	0.983435	0.997736	-1.00227	0.000261841	0.519345	-1.9255	0.721004	1.03993	1.03993	8.95E-05	2.14985	2.14985	0.0729627	1.24403	1.24403	0.00395945	0.655016	-1.52668	22.258	4.20203	0.167811	1
cg16288865	TMEM170B	0.00057337	0.082538	0.719133	-1.39056	0.20124	1.26039	1.26039	0.335525	0.843432	-1.18563	0.0781412	0.714922	-1.39875	5.52E-06	0.172017	-5.81336	0.224692	0.803589	-1.24442	0.755707	1.05497	1.05497	0.241667	0.810479	-1.23384	0.0955	0.730514	-1.3689	13.7568	6.40529	0.413873	1
cg19871394	TMEM170B	0.00471168	0.0061889	0.183774	-5.44146	0.00665018	0.18803	-5.31831	0.0148081	0.241037	-4.14875	0.3303	0.62084	-1.61072	0.0099841	0.213592	-4.68183	0.0242665	0.279616	-3.57633	0.000615477	0.0819	-12.21	0.00373143	0.155915	-6.41375	0.0244847	0.280363	-3.56681	7.47263	26.648	3.16985	1
cg06686746	TMEM170B	0.00840623	0.107168	1.2103	1.2103	0.00327535	1.54495	1.54495	0.00501823	1.49615	1.49615	0.0226478	1.34472	1.34472	0.0395618	1.29481	1.29481	0.772499	0.969028	-1.03196	0.0179588	0.731914	-1.36628	0.940419	0.99192	-1.00815	0.849879	0.979645	-1.02078	6.24587	1.16524	0.165833	1
cg16906822	TMEM170B	0.03018	0.972617	0.99591	-1.00411	0.314835	0.883299	-1.13212	0.0808503	1.26002	1.26002	0.145797	0.829903	-1.20496	0.127983	1.21709	1.21709	0.799312	1.03088	1.03088	0.029034	0.735489	-1.35964	0.00385075	0.62815	-1.59198	0.534084	1.07808	1.07808	4.07815	0.920652	0.200669	1
cg16761549	TMEM170B	0.0306366	0.964915	0.979302	-1.02114	0.525517	0.736462	-1.35784	0.771844	1.14826	1.14826	0.610861	0.783479	-1.27636	0.000668062	0.0840999	-11.8906	0.856606	1.08981	1.08981	0.86336	0.921359	-1.08535	0.139906	2.1281	2.1281	0.314653	1.63955	1.63955	4.05644	14.5255	3.18299	1
cg27220495	TMEM170B	0.0316068	0.10967	0.526934	-1.89777	0.0100663	3.29752	3.29752	0.425011	0.741342	-1.3489	0.781977	0.903105	-1.10729	0.264521	0.652312	-1.53301	0.522436	0.788086	-1.2689	0.617673	0.83121	-1.20307	0.0048706	3.94019	3.94019	0.572558	0.811007	-1.23303	4.01157	8.57474	1.9	1
cg04547588	TMEM170B	0.0417835	0.693328	0.882944	-1.13257	0.725421	1.11713	1.11713	0.094603	0.561515	-1.7809	0.535483	0.821101	-1.21788	0.592308	0.843842	-1.18506	0.956619	1.01723	1.01723	0.00071112	0.197973	-5.0512	0.824343	1.07232	1.07232	0.321621	0.724966	-1.37938	3.62426	5.66339	1.38901	1
cg13106476	TMEM170B	0.0469323	?	?	?	0.00987921	0.435963	-2.29377	?	?	?	?	?	?	?	?	?	?	?	?	0.562584	1.0962	1.0962	0.588933	0.918178	-1.08911	0.76508	0.954762	-1.04738	9.55658	1.2748	0.100046	1
cg23489883	TMEM171;TMEM171	0.000670731	0.0761806	0.645031	-1.55031	0.00628835	2.20551	2.20551	4.99E-05	5.42726	5.42726	0.738717	1.07723	1.07723	0.136857	0.700397	-1.42776	0.0249283	0.552648	-1.80947	0.320067	0.795868	-1.25649	0.00214674	2.60621	2.60621	0.226973	1.32561	1.32561	13.1675	10.2982	0.695196	1
cg14617041	TMEM171;TMEM171	0.00428609	0.0185376	3.7944	3.7944	0.0841451	2.44101	2.44101	0.184583	1.92942	1.92942	0.356482	1.55725	1.55725	0.00529161	5.56645	5.56645	0.00926487	4.67466	4.67466	0.000227729	17.4779	17.4779	0.0029621	6.71915	6.71915	0.180226	1.94371	1.94371	7.69037	26.5649	3.07049	1
cg13571358	TMEM171;TMEM171	0.0112737	0.311132	1.18566	1.18566	0.383191	1.15641	1.15641	0.000573528	2.37823	2.37823	0.0755902	1.3791	1.3791	0.259456	1.21068	1.21068	0.866468	1.02773	1.02773	0.283747	0.834452	-1.19839	0.0027561	1.95662	1.95662	0.762142	1.05057	1.05057	5.68727	2.37879	0.371792	1
cg25177452	TMEM171;TMEM171	0.0216751	0.157219	0.656438	-1.52337	0.880872	0.959129	-1.04261	0.455139	1.23576	1.23576	0.84258	0.946173	-1.05689	0.550528	0.845295	-1.18302	0.937818	0.978523	-1.02195	0.318389	0.750537	-1.33238	0.000447017	4.66996	4.66996	0.519709	1.19914	1.19914	4.57723	5.6133	1.09009	1
cg18060185	TMEM171;TMEM171	0.0338946	0.562078	0.890473	-1.123	0.77142	1.05934	1.05934	0.0076179	1.97196	1.97196	0.954842	0.988856	-1.01127	0.198942	0.764433	-1.30816	0.0994231	0.699495	-1.4296	0.258998	0.792114	-1.26244	0.0160839	1.79128	1.79128	0.109244	1.41285	1.41285	3.91222	2.42653	0.551327	1
cg01816254	TMEM171;TMEM171	0.0471311	0.0806076	0.435719	-2.29506	0.927155	0.961555	-1.03998	0.258826	0.603459	-1.65711	0.563178	0.778345	-1.28478	0.0119403	0.260576	-3.83766	0.030692	0.336778	-2.96931	0.00487767	0.201939	-4.95198	0.0647346	0.410898	-2.43369	0.253928	0.600037	-1.66656	3.46478	10.086	2.58755	1
cg15518950	TMEM171;TMEM171	0.0474613	0.0189074	4.80925	4.80925	0.0449351	3.56578	3.56578	0.963391	0.974963	-1.02568	0.149674	2.34746	2.34746	0.0266498	4.26812	4.26812	0.0341459	3.9184	3.9184	0.0897556	2.81027	2.81027	0.0120312	5.64214	5.64214	0.0931422	2.77436	2.77436	3.45567	16.7033	4.29653	1
cg16532438	TMEM173	0.000152591	0.230347	0.772927	-1.29378	0.00144581	0.389742	-2.5658	0.000388226	0.314088	-3.18382	0.00405955	0.454004	-2.20262	4.81E-05	0.208898	-4.78702	0.0510893	0.634614	-1.57576	5.25E-05	0.21294	-4.69617	0.0122952	1.89307	1.89307	0.00927053	0.508746	-1.96562	19.7654	13.1148	0.589795	1
cg04560810	TMEM173	0.00455041	0.0270209	0.179908	-5.5584	0.0156944	0.143688	-6.95954	0.0067982	0.10049	-9.95126	0.0882574	0.291616	-3.42917	0.000961291	0.0398977	-25.0641	0.481201	0.625583	-1.59851	0.000627484	0.0319201	-31.3283	0.844982	1.13684	1.13684	0.0371794	0.20497	-4.87877	7.55215	51.3398	6.0427	1
cg03317505	TMEM173	0.0182554	0.0436035	0.398031	-2.51237	0.0204768	0.329953	-3.03074	0.00899016	0.267396	-3.73977	0.231996	0.607904	-1.645	0.0258662	0.349778	-2.85896	0.856542	0.930667	-1.0745	0.00156821	0.164689	-6.07206	0.835209	0.920616	-1.08623	0.0702813	0.447796	-2.23316	4.85207	12.1159	2.2196	1
cg01938023	TMEM173	0.0313015	0.403232	1.18198	1.18198	0.127104	0.72433	-1.38059	0.00143406	0.406147	-2.46216	0.799217	0.9514	-1.05108	0.409327	0.847945	-1.17932	0.858527	1.03549	1.03549	0.302948	1.23192	1.23192	0.158893	1.34222	1.34222	0.091125	0.695076	-1.43869	4.0255	2.43584	0.537868	1
cg14655316	TMEM173	0.0330864	0.0510818	0.342984	-2.91559	0.0978819	0.417043	-2.39784	0.0109639	0.214924	-4.65281	0.127358	0.452009	-2.21235	0.0404886	0.319952	-3.12547	0.99132	0.994774	-1.00525	0.0031041	0.142476	-7.01873	0.746513	0.855382	-1.16907	0.0689255	0.375176	-2.66542	3.94634	14.4983	3.26564	1
cg24557206	TMEM174	9.82E-05	0.0186058	0.663818	-1.50644	0.692109	0.944442	-1.05883	2.73E-06	0.198265	-5.04375	0.502561	0.9069	-1.10266	0.00527209	0.589611	-1.69603	0.00151445	0.518854	-1.92733	0.414009	0.886986	-1.12741	4.85E-05	0.333746	-2.99629	0.113365	0.780799	-1.28074	22.2464	7.26703	0.290365	1
cg03551367	TMEM174	0.000157008	0.533879	0.866016	-1.15471	0.82449	0.950551	-1.05202	4.29E-05	0.169516	-5.89914	0.1494	0.702616	-1.42325	7.03E-05	0.190848	-5.23977	0.585886	1.13383	1.13383	7.65E-05	0.194651	-5.1374	0.0675531	0.626501	-1.59617	0.000313161	0.263378	-3.79683	19.6139	16.1935	0.73388	1
cg27588646	TMEM174	0.000257462	0.0505202	0.590851	-1.69247	0.0970098	1.53735	1.53735	9.80E-05	0.195124	-5.12495	4.16E-05	0.158344	-6.31535	0.000191409	0.2268	-4.40917	0.465801	0.839255	-1.19153	0.374412	0.806331	-1.24019	0.0267837	0.538233	-1.85793	0.0051867	0.418476	-2.38962	17.1519	15.143	0.784782	1
cg00782099	TMEM174	0.00100797	0.104725	0.687742	-1.45403	0.709532	1.08219	1.08219	4.17E-05	0.192552	-5.19341	0.133167	0.710334	-1.40779	0.00763553	0.484778	-2.0628	0.459757	1.17222	1.17222	0.000714232	0.336953	-2.96778	0.00632668	0.472099	-2.1182	0.169824	0.734403	-1.36165	11.7401	8.28701	0.627444	1
cg22930950	TMEM174	0.00396761	0.701314	0.884041	-1.13117	0.48349	0.796011	-1.25626	0.000108413	0.0906446	-11.0321	0.00226653	0.236317	-4.2316	0.220828	0.66066	-1.51364	0.228289	0.665552	-1.50251	0.654515	0.865807	-1.15499	0.190121	0.639282	-1.56426	0.0102915	0.342111	-2.92303	9.19533	14.5611	1.23163	1
cg01236027	TMEM174	0.0363839	0.0641735	0.205642	-4.86283	0.0475861	0.178547	-5.60077	0.0625551	0.203172	-4.92195	0.386449	0.509108	-1.96422	0.0203555	0.119284	-8.38335	0.0728107	0.218318	-4.58047	0.00482456	0.0582414	-17.1699	0.0155057	0.104597	-9.56053	0.0829408	0.232261	-4.3055	3.81311	34.9186	8.14001	1
cg11330398	TMEM175	0.00111205	0.247595	0.818822	-1.22127	0.62728	0.922276	-1.08427	0.343089	0.85086	-1.17528	0.704087	0.938852	-1.06513	0.00142811	0.466376	-2.14419	0.000456659	0.401384	-2.49138	0.00019559	0.354934	-2.81743	0.0387631	1.48546	1.48546	0.0111715	0.59106	-1.69188	11.4168	4.94397	0.384927	1
cg09279566	TMEM175	0.00831559	0.925794	0.969892	-1.03104	0.0177067	2.57689	2.57689	0.681768	0.873453	-1.14488	0.258932	1.47184	1.47184	0.300526	1.42198	1.42198	0.249603	0.673772	-1.48418	0.0155917	0.377887	-2.64629	0.00071237	5.42825	5.42825	0.123316	1.72945	1.72945	6.26728	10.6893	1.51606	1
cg19666365	TMEM175	0.00882577	0.0871929	0.813555	-1.22917	0.0607681	1.25981	1.25981	0.60756	0.944975	-1.05823	0.281737	1.13001	1.13001	0.012299	0.711311	-1.40585	0.156654	1.18002	1.18002	0.00166294	1.6348	1.6348	0.094999	0.818359	-1.22196	0.22232	0.869247	-1.15042	6.15038	1.1628	0.168055	1
cg04409981	TMEM175	0.0124034	0.00288974	0.446997	-2.23715	0.194612	1.30956	1.30956	0.653901	0.915116	-1.09276	0.380841	1.19325	1.19325	0.00232651	0.433534	-2.30662	0.587345	1.11372	1.11372	0.0267627	0.597024	-1.67497	0.49237	1.14689	1.14689	0.998362	1.0004	1.0004	5.51395	3.37386	0.543892	1
cg06101789	TMEM175	0.0138655	0.0330008	0.483897	-2.06655	0.0824273	1.7508	1.7508	0.368917	1.30821	1.30821	0.807466	1.07367	1.07367	0.00202526	0.281583	-3.55135	0.0191031	0.437905	-2.2836	0.0788525	0.566573	-1.765	0.199547	1.48377	1.48377	0.799615	0.928622	-1.07686	5.31672	7.13693	1.19321	1
cg00495574	TMEM175	0.0144206	0.00605084	0.180034	-5.55451	0.174891	0.501551	-1.99382	0.0330453	0.303612	-3.29368	0.254591	1.76631	1.76631	0.00547009	0.174255	-5.7387	0.0200415	0.261333	-3.82654	0.015374	0.241109	-4.14751	0.464027	1.42821	1.42821	0.320244	0.611905	-1.63424	5.2485	19.0116	3.21982	1
cg01853541	TMEM175	0.0262703	0.455074	0.899885	-1.11125	0.531754	1.09179	1.09179	0.721523	1.05087	1.05087	0.778894	1.0398	1.0398	0.0328263	0.707406	-1.41362	0.0441745	1.37788	1.37788	0.00145423	1.89206	1.89206	0.49606	1.10057	1.10057	0.915414	1.01484	1.01484	4.28257	1.30383	0.270623	1
cg12105240	TMEM175	0.0354209	0.0177266	0.344249	-2.90487	0.00543453	0.258556	-3.86764	0.0948181	0.507182	-1.97168	0.727462	0.878641	-1.13812	0.0114557	0.310393	-3.22172	0.0947084	0.507045	-1.97221	0.0280759	0.383159	-2.60988	0.290506	0.666546	-1.50027	0.0928142	0.504667	-1.9815	3.85042	8.33886	1.92507	1
cg04283882	TMEM175;GAK	0.00580515	0.183626	1.13917	1.13917	0.000734355	0.622593	-1.60619	0.746688	0.970509	-1.03039	0.472942	1.06975	1.06975	0.126751	1.16481	1.16481	0.0949786	1.18468	1.18468	0.00311414	1.45277	1.45277	0.453475	0.931897	-1.07308	0.120825	1.16811	1.16811	7.01017	0.947159	0.1201	1
cg27441455	TMEM175;TMEM175;GAK	0.0315647	0.861826	1.03766	1.03766	0.14998	1.39237	1.39237	0.0377423	1.68782	1.68782	0.0386066	0.594365	-1.68247	0.451881	1.17714	1.17714	0.750009	0.934389	-1.07022	0.00552495	0.445326	-2.24555	0.232715	1.30666	1.30666	0.239324	1.30124	1.30124	4.41305	3.0804	0.542904	1
cg14991769	TMEM176B;TMEM176B;TMEM176A;TMEM176B;TMEM176B;TMEM176B	0.00986908	0.0425814	5.91278	5.91278	0.0380373	6.23698	6.23698	0.170464	3.03767	3.03767	0.110205	3.76236	3.76236	0.0614792	4.9703	4.9703	0.0791493	4.40884	4.40884	0.000418386	70.6745	70.6745	0.00455023	17.7521	17.7521	0.0259446	7.47963	7.47963	5.93557	54.4618	8.15599	1
cg26385222	TMEM176B;TMEM176B;TMEM176A;TMEM176B;TMEM176B;TMEM176B	0.033116	0.0355769	6.81402	6.81402	0.0516894	5.67993	5.67993	0.164983	3.19571	3.19571	0.1234	3.70254	3.70254	0.0658988	5.04567	5.04567	0.05687	5.42168	5.42168	0.00179549	32.5903	32.5903	0.0647809	5.088	5.088	0.0429512	6.21604	6.21604	3.94507	38.4409	8.66136	1
cg03964111	TMEM176B;TMEM176B;TMEM176B;TMEM176B;TMEM176A	0.0278184	0.0293292	4.25441	4.25441	0.103171	2.73341	2.73341	0.0268956	4.38641	4.38641	0.175583	2.25342	2.25342	0.0514003	3.49415	3.49415	0.0326996	4.09461	4.09461	0.00168057	12.5942	12.5942	0.825402	1.13273	1.13273	0.0965234	2.79899	2.79899	4.19739	21.1525	4.47951	1
cg16736989	TMEM176B;TMEM176B;TMEM176B;TMEM176B;TMEM176B	0.027289	0.152187	0.730454	-1.36901	0.436744	1.1764	1.1764	0.0511257	0.634544	-1.57593	0.109619	0.699652	-1.42928	0.37415	1.20539	1.20539	0.869436	1.03426	1.03426	0.335281	1.22565	1.22565	0.0030762	0.436146	-2.29281	0.019603	0.56132	-1.78152	4.22584	2.8064	0.590315	1
cg05714773	TMEM176B;TMEM176B;TMEM176B;TMEM176B;TMEM176B	0.0388531	0.187752	0.776907	-1.28716	0.895252	0.976461	-1.02411	0.0163955	0.588337	-1.69971	0.704039	0.933313	-1.07145	0.0523393	0.670968	-1.49038	0.287551	1.22101	1.22101	0.808852	0.957121	-1.0448	0.0030015	0.479069	-2.08738	0.121691	0.738308	-1.35445	3.72273	1.92797	0.460347	1
cg03768001	TMEM177;TMEM177;TMEM177	0.00134069	0.0573231	0.58511	-1.70908	0.0733638	1.64489	1.64489	0.0564546	1.71313	1.71313	0.318772	0.773494	-1.29283	3.30E-05	0.134096	-7.45735	0.0197638	0.495773	-2.01705	0.971119	1.00907	1.00907	0.864198	1.04359	1.04359	0.81106	1.06151	1.06151	10.8231	10.6501	0.874684	1
cg15974183	TMEM177;TMEM177;TMEM177	0.00143969	0.0214358	0.51219	-1.9524	0.0719694	1.62624	1.62624	0.156159	1.44381	1.44381	0.0106572	0.459647	-2.17558	0.000483539	0.265833	-3.76175	?	?	?	0.000432029	0.259812	-3.84893	0.496654	0.846124	-1.18186	0.183647	0.710696	-1.40707	10.851	8.95351	0.82513	1
cg00049286	TMEM177;TMEM177;TMEM177	0.00270863	0.204051	0.827465	-1.20851	0.00102804	1.98842	1.98842	0.00200319	1.85187	1.85187	0.482776	1.10604	1.10604	0.0270576	0.690868	-1.44745	0.882649	0.979347	-1.02109	0.10122	0.776021	-1.28862	0.289974	1.16786	1.16786	0.00369455	1.74081	1.74081	8.82108	2.78901	0.281045	1
cg24441810	TMEM177;TMEM177;TMEM177	0.0163423	0.0364949	0.12792	-7.81738	0.0701701	0.180395	-5.54339	0.0378991	0.130487	-7.66361	0.0818396	0.195671	-5.11062	0.0162435	0.0831832	-12.0217	0.0627316	0.170055	-5.88045	0.00131675	0.0191675	-52.1715	0.940659	0.938958	-1.06501	0.0107812	0.0665456	-15.0273	5.03538	57.078	10.0759	1
cg06607620	TMEM177;TMEM177;TMEM177	0.0320295	0.727885	1.06237	1.06237	0.685687	1.07301	1.07301	0.034526	0.652483	-1.53261	0.074481	1.41083	1.41083	0.68365	1.07354	1.07354	0.0568597	1.4525	1.4525	0.00342698	1.99104	1.99104	0.41356	0.865216	-1.15578	0.554422	0.901616	-1.10912	3.99256	1.89688	0.422314	1
cg12108912	TMEM177;TMEM177;TMEM177	0.0348389	0.0653842	0.229972	-4.34835	0.315779	0.47852	-2.08978	0.977755	0.980381	-1.02001	0.461679	0.587141	-1.70317	0.00910708	0.0949366	-10.5333	0.122288	0.304212	-3.28718	0.00299111	0.055373	-18.0593	0.962934	1.03357	1.03357	0.0309374	0.165234	-6.05204	3.87359	30.9793	7.10895	1
cg04104114	TMEM178;TMEM178	0.000657606	0.764528	0.965306	-1.03594	0.545613	1.07454	1.07454	0.749068	1.03844	1.03844	0.729216	0.959975	-1.04169	0.678468	1.05022	1.05022	0.885658	0.983229	-1.01706	5.71E-06	0.300848	-3.32394	0.912761	0.987201	-1.01297	0.131283	0.825715	-1.21107	13.2405	2.89735	0.194511	1
cg00034559	TMEM178;TMEM178	0.0323715	0.151826	2.46782	2.46782	0.00206127	12.8528	12.8528	0.0182582	5.39587	5.39587	0.141812	2.53282	2.53282	0.841702	0.889009	-1.12485	0.262884	1.98727	1.98727	0.928648	0.94867	-1.05411	0.0158653	5.68711	5.68711	0.364026	1.7312	1.7312	3.9774	21.8051	4.87312	1
cg18968196	TMEM178;TMEM178	0.0444729	0.0732438	0.613265	-1.63062	0.0179531	2.02161	2.02161	0.0137156	2.10846	2.10846	0.248844	0.744503	-1.34318	0.358322	0.793576	-1.26012	0.376789	1.24857	1.24857	0.863381	0.95872	-1.04306	0.100916	1.55232	1.55232	0.611389	1.13362	1.13362	3.5411	3.36009	0.843453	1
cg22373181	TMEM178;TMEM178;TMEM178	0.0355476	0.959788	0.989364	-1.01075	0.0577148	0.634393	-1.57631	0.993921	0.998386	-1.00162	0.570006	1.12947	1.12947	0.083403	0.666036	-1.50142	0.267058	0.782541	-1.27789	0.00356899	2.30981	2.30981	0.190409	1.34186	1.34186	0.178441	1.35416	1.35416	3.84545	2.739	0.633129	1
cg21495139	TMEM179	0.0189203	0.247052	0.671193	-1.48988	0.343323	0.725006	-1.3793	0.0390967	2.19585	2.19585	0.979687	0.991649	-1.00842	?	?	?	0.00269094	0.255078	-3.92038	0.175996	1.6063	1.6063	0.0400713	2.18481	2.18481	0.979623	0.991622	-1.00845	4.88172	7.45725	1.52759	1
cg23082454	TMEM179	0.0190491	0.700472	1.09319	1.09319	0.51536	0.858945	-1.16422	0.249923	0.757933	-1.31938	0.00808615	2.18547	2.18547	0.64791	0.899439	-1.1118	0.819464	0.948668	-1.05411	0.00136926	0.342785	-2.91728	0.170509	0.714302	-1.39997	0.788485	1.06394	1.06394	4.78289	4.02498	0.748034	1
cg03734874	TMEM179	0.0271412	0.357107	0.758141	-1.31902	0.0513839	1.9126	1.9126	0.029149	2.12031	2.12031	0.105459	1.67715	1.67715	0.778302	0.920798	-1.08601	0.859716	1.05308	1.05308	0.00325726	0.309485	-3.23118	0.623843	0.865453	-1.15546	0.635461	0.869698	-1.14982	4.23391	5.73112	1.20322	1
cg19905802	TMEM179B;TAF6L	0.0104406	0.00500454	0.523675	-1.90958	0.848194	1.03394	1.03394	0.0154677	0.596068	-1.67766	0.932468	1.01487	1.01487	0.822976	1.0398	1.0398	0.931355	1.01512	1.01512	0.00101406	0.427774	-2.33768	0.839674	1.03591	1.03591	0.140391	1.31818	1.31818	5.82954	2.8009	0.427081	1
cg19587401	TMEM179B;TMEM179B	0.0407626	0.142891	0.817034	-1.22394	0.0267406	1.40049	1.40049	0.461249	0.908231	-1.10104	0.403882	0.896184	-1.11584	0.636363	1.06302	1.06302	0.364998	0.887409	-1.12688	0.0715804	0.772449	-1.29458	0.131069	0.811225	-1.2327	0.0129696	1.48543	1.48543	3.65758	0.953958	0.231837	1
cg17444943	TMEM17;TMEM17	0.00166264	0.167438	0.891442	-1.12178	0.00906299	1.29564	1.29564	0.000548135	1.5208	1.5208	0.386442	0.933016	-1.07179	0.861722	0.986477	-1.01371	0.0269223	0.814941	-1.22708	0.00125409	0.692161	-1.44475	0.193497	0.898122	-1.11343	0.0835033	1.16137	1.16137	10.1729	0.982571	0.0858548	1
cg05060085	TMEM18	0.00438862	0.00326778	0.424129	-2.35777	0.0237446	1.78143	1.78143	0.0478097	0.616267	-1.62267	0.183967	0.739696	-1.35191	0.12152	0.698303	-1.43204	0.60949	1.11651	1.11651	0.000408936	0.300929	-3.32304	0.716326	0.924904	-1.08119	0.0736722	0.652756	-1.53197	7.63552	5.53395	0.644234	1
cg06200714	TMEM18	0.00557317	0.24743	1.18331	1.18331	0.709834	1.0534	1.0534	0.000261296	2.30598	2.30598	0.159174	1.23296	1.23296	0.403169	0.887745	-1.12645	0.0392864	1.39366	1.39366	0.68332	0.944513	-1.05875	0.0106907	0.639806	-1.56297	0.950833	1.00862	1.00862	7.09868	2.17796	0.272722	1
cg02578327	TMEM18	0.0361741	0.445101	0.663762	-1.50656	0.912167	1.05981	1.05981	0.109697	0.399283	-2.50449	0.109962	0.399605	-2.50247	0.00215999	0.103612	-9.65135	0.0678325	0.340647	-2.93559	0.0326262	0.268086	-3.73015	0.636094	0.778067	-1.28524	0.0196918	0.22691	-4.40704	3.82113	16.7749	3.90226	1
cg22071951	TMEM18	0.0470421	0.582452	0.880801	-1.13533	0.388759	0.817176	-1.22373	0.246585	0.758085	-1.31911	0.357173	0.805367	-1.24167	0.883018	1.03423	1.03423	0.695972	0.914147	-1.09392	0.000909941	0.321816	-3.10737	0.109102	0.670734	-1.4909	0.0802402	0.641732	-1.55828	3.46725	2.86913	0.735551	1
cg17073432	TMEM180	0.000394475	0.0537822	0.524149	-1.90785	0.332726	0.744704	-1.34282	0.034826	2.06604	2.06604	0.031703	0.475731	-2.10203	0.212245	0.678682	-1.47345	9.09E-06	0.0588294	-16.9983	0.0328763	2.08803	2.08803	0.093281	1.72394	1.72394	0.567343	0.843203	-1.18595	15.2586	21.0302	1.22511	1
cg14568384	TMEM180	0.00257308	0.00166245	0.257189	-3.88819	0.0246562	0.445935	-2.24248	0.254792	0.698453	-1.43174	0.120289	1.66304	1.66304	0.0142468	0.401515	-2.49057	0.0263626	0.451618	-2.21426	0.000768525	0.214907	-4.65318	0.0016456	0.256601	-3.8971	0.0171191	0.41598	-2.40396	8.95572	12.9222	1.28258	1
cg03417317	TMEM180	0.0118444	0.0239061	1.34573	1.34573	0.472876	1.08377	1.08377	0.826574	0.976113	-1.02447	0.211532	1.15606	1.15606	0.076392	0.804764	-1.2426	0.00152264	1.65357	1.65357	0.0147882	0.718586	-1.39162	0.723855	0.961668	-1.03986	0.787979	1.03015	1.03015	5.59713	1.07616	0.170907	1
cg11582014	TMEM181	0.000359995	0.23896	0.8141	-1.22835	2.06E-05	0.238466	-4.19346	0.173749	0.785566	-1.27297	0.739216	1.0573	1.0573	0.000322474	0.378988	-2.6386	0.000525266	0.406096	-2.46247	0.0174376	0.617133	-1.6204	0.146284	1.29703	1.29703	0.291124	0.833026	-1.20044	15.6477	6.89254	0.391541	1
cg11806594	TMEM181	0.000698661	0.0304142	0.712115	-1.40427	0.00576881	1.6205	1.6205	0.00433685	1.66317	1.66317	0.314451	0.870386	-1.14891	0.668386	1.05919	1.05919	0.0520921	0.744634	-1.34294	4.84E-05	0.360578	-2.77332	0.357163	1.1347	1.1347	0.541219	1.08604	1.08604	13.0179	3.6715	0.250697	1
cg16373471	TMEM181	0.00517699	0.299831	0.809958	-1.23463	0.455328	1.16086	1.16086	0.00318156	0.453738	-2.20392	0.482939	0.869467	-1.15013	0.0526975	0.64918	-1.5404	0.416796	1.17679	1.17679	0.000207592	0.295772	-3.38098	0.0420381	0.631553	-1.5834	0.813772	0.954765	-1.04738	7.261	4.42528	0.541742	1
cg04153958	TMEM181	0.00594042	0.410854	0.849636	-1.17697	0.000447715	0.342022	-2.92379	0.00197809	0.428775	-2.33223	0.0750453	0.681046	-1.46833	0.0333812	0.617714	-1.61887	0.0429598	0.63678	-1.5704	0.213799	0.775974	-1.2887	0.245987	0.790493	-1.26503	0.00334875	0.461368	-2.16747	6.96056	4.13885	0.528545	1
cg09029700	TMEM181	0.00632834	0.506541	1.06851	1.06851	0.658201	0.957168	-1.04475	0.000382858	0.572651	-1.74627	0.450881	0.92725	-1.07846	0.966149	1.00418	1.00418	0.384815	1.09156	1.09156	0.00104967	0.620815	-1.61079	0.220537	0.88105	-1.13501	0.256666	0.890112	-1.12345	6.82578	1.0451	0.136099	1
cg10093254	TMEM181	0.00866975	0.00804611	0.710782	-1.4069	0.0109045	1.37899	1.37899	0.830498	0.978675	-1.02179	0.022613	0.759945	-1.31588	0.191619	0.87022	-1.14914	0.146003	0.854754	-1.16993	0.72124	1.03668	1.03668	0.0083881	0.71275	-1.40302	0.0102844	0.722395	-1.38428	6.18522	0.990515	0.142349	1
cg27279839	TMEM181	0.00999981	0.247404	0.726923	-1.37566	0.0564589	1.76744	1.76744	0.802383	1.06837	1.06837	0.128119	0.648052	-1.54308	0.000433953	0.230575	-4.33698	0.193538	0.695712	-1.43738	0.0140692	0.449599	-2.2242	0.779116	1.07697	1.07697	0.621828	0.877112	-1.14011	5.91066	6.5105	0.979097	1
cg20364594	TMEM181	0.0111288	0.935382	0.991661	-1.00841	0.837091	0.978961	-1.02149	0.0206136	1.33371	1.33371	0.045123	0.788664	-1.26797	0.0092556	0.710983	-1.4065	0.446122	1.08351	1.08351	0.661035	0.955452	-1.04662	0.96246	1.00487	1.00487	0.00207816	1.56461	1.56461	5.71104	0.964775	0.150161	1
cg06915524	TMEM181	0.0120931	0.951888	1.01979	1.01979	0.438756	0.773805	-1.29232	0.0584601	2.00211	2.00211	0.902819	1.04046	1.04046	0.133912	0.591627	-1.69025	0.42902	0.769395	-1.29972	0.000381823	0.158537	-6.30768	0.319249	1.39685	1.39685	0.0831412	0.536383	-1.86434	5.55954	9.28332	1.48427	1
cg12989041	TMEM181	0.0129565	0.0252648	0.639612	-1.56345	0.0395646	1.49166	1.49166	0.0333764	0.658583	-1.51841	0.0342574	0.660381	-1.51428	0.124772	0.756417	-1.32202	0.927942	0.98492	-1.01531	0.00651059	1.81124	1.81124	0.283987	0.82946	-1.2056	0.209051	0.800564	-1.24912	5.43609	2.42961	0.39728	1
cg26774971	TMEM181	0.0129613	0.322682	1.13227	1.13227	0.0249208	1.38341	1.38341	0.00365043	1.61307	1.61307	0.0710631	1.2779	1.2779	0.0153896	0.696536	-1.43568	0.0832789	1.26259	1.26259	0.0669891	1.28363	1.28363	0.769485	1.03638	1.03638	0.191743	0.845305	-1.18301	5.43544	1.27303	0.208187	1
cg16754857	TMEM181	0.0174327	0.0392964	0.330683	-3.02404	0.057006	0.368109	-2.71659	0.827487	0.903682	-1.10658	0.102703	0.436682	-2.29	0.00438744	0.171128	-5.84356	0.0579491	0.369855	-2.70376	0.00154022	0.120731	-8.2829	0.12562	0.463411	-2.15791	0.0308924	0.308474	-3.24176	4.92784	16.8062	3.03152	1
cg06276088	TMEM181	0.0267672	0.211593	0.588764	-1.69847	0.358075	1.46291	1.46291	0.348286	0.677937	-1.47506	0.0557561	0.417929	-2.39275	0.00473947	0.220914	-4.52665	0.20305	0.582234	-1.71752	0.00239853	0.182182	-5.48902	0.362175	0.685906	-1.45793	0.133536	0.521307	-1.91825	4.25456	10.9181	2.28108	1
cg17298279	TMEM181	0.0293904	0.062598	0.584854	-1.70983	0.0544782	1.74804	1.74804	0.157398	0.679074	-1.47259	0.291259	0.755533	-1.32357	0.136958	0.663593	-1.50695	0.850063	0.952712	-1.04964	0.00240369	0.338773	-2.95183	0.0567817	0.575848	-1.73657	0.938324	0.980386	-1.02001	4.1167	4.27223	0.922471	1
cg02447229	TMEM181	0.0326633	0.0631706	1.65288	1.65288	0.566886	0.870065	-1.14934	0.897275	1.03155	1.03155	0.147552	0.688212	-1.45304	0.105191	0.653308	-1.53067	0.0116181	0.468334	-2.13523	0.010017	0.4576	-2.18532	0.0775348	0.623875	-1.60289	0.516611	1.17132	1.17132	3.96462	3.63073	0.814028	1
cg21530915	TMEM181	0.033164	0.93225	1.03043	1.03043	0.697906	1.14741	1.14741	0.262073	1.51025	1.51025	0.137065	1.75875	1.75875	0.00618317	0.283989	-3.52127	0.345091	1.40892	1.40892	0.231826	0.642687	-1.55597	0.0128695	2.97084	2.97084	0.289133	0.678471	-1.4739	3.94302	7.7615	1.7497	1
cg09262230	TMEM181	0.0408686	0.211822	0.528739	-1.89129	0.216981	1.87646	1.87646	0.60493	1.28769	1.28769	0.562144	0.752795	-1.32838	0.0110177	0.213285	-4.68856	0.823556	0.897446	-1.11427	0.00380064	0.150862	-6.62859	0.495281	1.39864	1.39864	0.287167	0.585395	-1.70825	3.65407	13.5856	3.30482	1
cg24918798	TMEM182	0.020154	0.131321	0.616947	-1.62089	0.000677605	0.214327	-4.66577	0.030491	0.470557	-2.12514	0.380807	0.766043	-1.30541	0.0474424	0.510528	-1.95876	0.0449102	0.505399	-1.97864	0.251111	0.70082	-1.4269	0.961538	0.985805	-1.0144	0.0356563	0.484361	-2.06458	4.69231	6.53224	1.23744	1
cg26514942	TMEM182;TMEM182	0.0169727	0.193286	1.24405	1.24405	0.000329616	2.50892	2.50892	0.305463	1.18332	1.18332	0.566189	1.09635	1.09635	0.0454629	1.43894	1.43894	0.279246	1.19536	1.19536	0.0401495	1.45667	1.45667	0.252498	1.20877	1.20877	0.0402554	1.4563	1.4563	4.97215	1.98148	0.354236	1
cg26607248	TMEM183A;TMEM183B	0.00220727	0.0254037	0.38135	-2.62226	0.103393	1.90854	1.90854	0.117263	1.85403	1.85403	0.301574	0.678165	-1.47457	0.000344441	0.12365	-8.08736	0.954203	1.02106	1.02106	0.138954	1.78232	1.78232	0.898001	1.04763	1.04763	0.000753086	0.15657	-6.38694	9.36824	19.5349	1.85353	1
cg25311330	TMEM183A;TMEM183B	0.032462	0.993394	0.994084	-1.00595	0.0317547	0.147322	-6.78785	0.0154274	0.0999839	-10.0016	0.025455	0.131162	-7.62417	0.234133	0.402816	-2.48252	0.00292174	0.0362311	-27.6006	?	?	?	0.43652	0.563856	-1.7735	0.45908	0.580557	-1.72248	5.01352	34.5224	5.1644	1
cg02769705	TMEM183B;TMEM183A	1.98E-05	0.00225355	0.420942	-2.37562	0.0143953	0.543071	-1.84138	7.98E-05	0.236443	-4.22935	0.00271056	0.432429	-2.31252	6.98E-06	0.133484	-7.49152	0.00188421	0.409935	-2.43941	1.50E-06	0.0848217	-11.7894	0.80597	1.05107	1.05107	0.000144108	0.265711	-3.76348	33.965	22.0341	0.576648	1
cg24197477	TMEM183B;TMEM183A	0.000126035	0.520339	1.13735	1.13735	3.82E-06	0.118931	-8.40827	0.985898	0.996515	-1.0035	0.0185138	0.568849	-1.75794	0.00458711	0.474573	-2.10716	0.332576	1.21826	1.21826	0.0342731	1.62874	1.62874	0.00819467	1.95067	1.95067	0.0105253	0.529538	-1.88844	20.8091	12.8569	0.549201	1
cg23404435	TMEM184A	7.15E-07	0.00014908	0.54116	-1.84788	4.29E-08	0.162919	-6.13801	2.05E-05	0.444631	-2.24906	0.231231	0.888403	-1.12562	2.93E-07	0.241846	-4.13487	0.0197147	1.30394	1.30394	0.0167809	1.31656	1.31656	0.119996	0.853049	-1.17227	0.00608013	0.713533	-1.40148	79.8667	11.2311	0.124999	1
cg12234009	TMEM184A	5.77E-05	0.00863065	0.646314	-1.54724	0.292847	1.14743	1.14743	1.66E-06	0.170431	-5.86749	0.778623	1.03596	1.03596	0.000623632	0.492267	-2.03142	0.0944192	0.791503	-1.26342	0.000940295	1.93657	1.93657	0.0983147	0.794137	-1.25923	0.060388	0.763037	-1.31055	34.1528	8.31563	0.189376	1
cg22069262	TMEM184A	0.00111534	0.127505	0.784539	-1.27463	0.00161202	0.513836	-1.94615	0.0219207	0.667068	-1.4991	0.42027	0.885815	-1.1289	8.64E-05	0.354328	-2.82224	0.00847097	1.64036	1.64036	0.0410874	0.70676	-1.41491	0.486312	1.10978	1.10978	0.0482761	0.717258	-1.3942	11.4072	3.91726	0.305246	1
cg04633141	TMEM184A	0.00126284	0.00587612	0.184438	-5.42189	0.0185205	0.262051	-3.81605	0.00324555	0.152227	-6.56912	0.0718719	0.389753	-2.56573	0.000344979	0.0671607	-14.8897	0.911058	0.948952	-1.05379	0.000109641	0.0410189	-24.379	0.11442	0.447026	-2.237	0.0108694	0.223238	-4.47953	11.01	38.3416	3.09548	1
cg13727108	TMEM184A	0.00149356	0.00629619	0.473532	-2.11179	0.0022031	0.405938	-2.46343	0.0117203	0.516077	-1.9377	0.753449	1.06843	1.06843	0.938394	0.983893	-1.01637	0.363046	1.21699	1.21699	0.000140687	0.251472	-3.97659	0.948155	0.986432	-1.01375	0.00211372	0.403373	-2.4791	10.4926	7.33333	0.62125	1
cg03664589	TMEM184A	0.00263101	0.0102383	0.587942	-1.70085	0.00622509	0.55701	-1.7953	6.70E-05	0.301648	-3.31513	0.367474	0.859067	-1.16405	0.0516253	0.695243	-1.43835	0.096685	0.741385	-1.34883	0.226295	1.2318	1.2318	0.509656	0.896054	-1.116	0.195467	0.798782	-1.25191	8.89712	3.79412	0.379061	1
cg22822048	TMEM184A	0.00336877	0.699629	0.84855	-1.17848	0.00127487	0.136626	-7.31926	0.00232456	0.165054	-6.05863	0.0652629	0.416174	-2.40284	0.00142083	0.141471	-7.06861	0.351477	0.666183	-1.50109	0.00117436	0.133036	-7.51675	0.178032	0.545396	-1.83353	0.012028	0.265324	-3.76898	8.26773	23.4962	2.52615	1
cg04859886	TMEM184A	0.00363601	0.24629	1.32318	1.32318	0.468459	0.843355	-1.18574	0.00337844	0.398268	-2.51087	0.000375434	0.268909	-3.71873	0.162083	0.708379	-1.41167	0.230551	0.74789	-1.3371	0.000884621	0.316408	-3.16047	0.711713	0.917841	-1.08951	0.209779	0.736915	-1.35701	8.08099	6.82705	0.750959	1
cg22500518	TMEM184A	0.00423551	0.00406481	1.65034	1.65034	0.178746	1.20388	1.20388	0.0117889	0.664633	-1.50459	0.734329	0.95672	-1.04524	0.834743	0.973231	-1.02751	0.0133838	0.671737	-1.48868	0.0851508	0.780959	-1.28048	0.0316445	1.38715	1.38715	0.00525412	0.619963	-1.613	7.71803	2.06223	0.237508	1
cg09495282	TMEM184A	0.00460688	0.0142715	0.434666	-2.30062	0.00595186	0.371018	-2.69529	0.000349448	0.204993	-4.87821	0.0585471	0.554786	-1.8025	0.238794	0.711672	-1.40514	0.0638001	0.563018	-1.77614	0.00631548	0.375124	-2.66579	0.00736973	0.385948	-2.59102	0.00848562	0.396012	-2.52518	7.52391	9.05725	1.07004	1
cg18705808	TMEM184A	0.00461662	0.211193	0.702222	-1.42405	0.182684	0.684208	-1.46154	0.0286155	0.500078	-1.99969	0.19108	0.689705	-1.44989	0.00185005	0.30542	-3.27418	0.634821	0.879501	-1.13701	0.000151034	0.17456	-5.7287	0.118148	0.634253	-1.57666	0.0160288	0.453351	-2.2058	7.51908	8.57629	1.01387	1
cg03958363	TMEM184A	0.00590464	0.355883	0.760487	-1.31495	0.0415852	0.507943	-1.96873	0.00133306	0.260545	-3.8381	0.0607177	0.543563	-1.83971	0.00173378	0.275797	-3.62585	0.961195	0.986071	-1.01413	0.00148086	0.266585	-3.75114	0.0203317	0.446465	-2.23982	0.250458	0.707349	-1.41373	6.97355	9.18058	1.17021	1
cg00335591	TMEM184A	0.0116025	0.408783	0.715417	-1.39779	0.00145879	6.18498	6.18498	0.0071989	3.95514	3.95514	0.309479	0.659088	-1.51725	0.708095	1.16078	1.16078	0.0409554	0.39256	-2.54738	0.132	1.90487	1.90487	0.320819	1.5017	1.5017	0.464833	0.744631	-1.34295	5.63466	14.0216	2.21196	1
cg14480560	TMEM184A	0.0151644	0.500781	1.11912	1.11912	0.365315	1.16554	1.16554	0.0040855	0.530147	-1.88627	0.141635	1.29726	1.29726	0.945255	1.01137	1.01137	0.050843	1.44248	1.44248	0.00340389	0.519148	-1.92623	0.595151	0.915466	-1.09234	0.888155	0.977092	-1.02344	5.16205	2.21719	0.381793	1
cg18648645	TMEM184A	0.0158584	0.790947	1.06508	1.06508	0.0101707	0.463376	-2.15808	0.276721	0.764524	-1.308	0.644563	0.89561	-1.11656	0.107765	0.659331	-1.51669	0.0111099	0.46974	-2.12884	0.00320855	0.384948	-2.59775	0.276746	0.764535	-1.30798	0.00392869	0.39812	-2.51181	5.086	4.53711	0.792959	1
cg07547336	TMEM184A	0.019503	0.0161074	0.24216	-4.1295	0.79116	0.880018	-1.13634	0.160448	0.485728	-2.05876	0.018368	0.252096	-3.96674	0.0150669	0.237238	-4.21517	0.373167	0.643855	-1.55315	0.00469923	0.163758	-6.10658	0.190891	0.513256	-1.94834	0.00460307	0.162643	-6.14845	4.74491	17.4292	3.26511	1
cg02879083	TMEM184A	0.0270534	0.280712	0.685772	-1.45821	0.661545	1.15974	1.15974	0.167312	1.64085	1.64085	0.750365	1.11336	1.11336	0.209762	0.641019	-1.56002	0.0247524	0.406859	-2.45786	0.00167404	0.220515	-4.53484	0.0528693	0.476989	-2.09648	0.545367	0.813919	-1.22862	4.23872	7.59784	1.59332	1
cg01753241	TMEM184A	0.030216	0.254656	1.72003	1.72003	0.00501336	0.183969	-5.43569	0.24828	0.576751	-1.73385	0.525492	0.74575	-1.34093	0.00254394	0.148149	-6.74997	0.909714	0.949589	-1.05309	0.102044	0.442188	-2.26148	0.459436	0.709308	-1.40982	0.410627	0.681362	-1.46765	4.07643	13.4239	2.92716	1
cg01050183	TMEM184A	0.031532	0.0234084	0.256622	-3.89677	0.381478	0.637107	-1.56959	0.0236281	0.25738	-3.8853	0.95416	0.971541	-1.02929	0.084924	0.384116	-2.60338	0.239655	0.538809	-1.85594	0.00269692	0.124657	-8.02201	0.0394084	0.302164	-3.30946	0.0341038	0.288819	-3.46237	4.01497	16.0396	3.55106	1
cg10633906	TMEM184A	0.0321934	0.0280238	1.36655	1.36655	0.239533	1.15974	1.15974	0.764498	0.964494	-1.03681	0.283211	1.14358	1.14358	0.0029032	1.63645	1.63645	0.0125405	1.45302	1.45302	0.307404	0.880615	-1.13557	0.965094	0.994748	-1.00528	0.476721	1.09096	1.09096	3.98527	0.913844	0.203827	1
cg13773209	TMEM184B	0.00311612	0.00135832	0.543881	-1.83864	0.0651176	1.31152	1.31152	0.00205183	1.76614	1.76614	0.362559	0.884664	-1.13037	0.0345637	0.72417	-1.38089	0.412525	1.11596	1.11596	0.0333546	0.72207	-1.38491	0.0624195	1.31605	1.31605	0.261345	1.16578	1.16578	8.4621	2.29821	0.241412	1
cg15558090	TMEM184B	0.0119857	0.0975367	1.3634	1.3634	0.0362599	0.660263	-1.51455	0.162843	0.77569	-1.28918	0.903226	0.979474	-1.02096	0.918237	1.01766	1.01766	0.215698	1.24878	1.24878	0.105938	0.740014	-1.35133	0.00539292	0.535494	-1.86744	0.00202083	0.475928	-2.10116	5.57565	2.56711	0.409258	1
cg26471467	TMEM184B	0.0357507	0.0237784	2.22445	2.22445	0.147486	1.58487	1.58487	0.272498	0.712899	-1.40272	0.0834622	1.7642	1.7642	0.81058	1.07374	1.07374	0.120217	1.64777	1.64777	0.182283	0.657422	-1.52109	0.0148019	0.411267	-2.43151	0.256353	1.42055	1.42055	3.8375	5.33578	1.23594	1
cg06456983	TMEM184B	0.0377998	0.671641	1.08952	1.08952	0.0614264	0.654606	-1.52764	0.752555	0.938381	-1.06566	0.501082	0.871696	-1.14719	0.168095	0.744248	-1.34364	0.33847	1.21946	1.21946	0.00127772	0.388856	-2.57164	0.55267	1.12838	1.12838	0.5625	1.12495	1.12495	3.76039	2.40812	0.569236	1
cg00166741	TMEM184B	0.0429777	0.471011	1.12431	1.12431	0.371941	1.15775	1.15775	0.0167382	1.5946	1.5946	0.151554	1.27829	1.27829	0.266064	1.20343	1.20343	0.288558	0.838579	-1.19249	0.590346	0.916824	-1.09072	0.572566	1.09539	1.09539	0.00240496	1.96524	1.96524	3.58654	1.45031	0.359445	1
cg06531800	TMEM184C	0.00160542	0.0113058	0.798013	-1.25311	0.0736615	0.86777	-1.15238	0.377961	1.06646	1.06646	0.152542	0.896742	-1.11515	0.00864956	0.788141	-1.26881	0.000107893	0.615364	-1.62505	0.806113	1.01764	1.01764	0.592635	1.03916	1.03916	0.00968942	1.2621	1.2621	10.2764	0.823349	0.0712181	1
cg27219598	TMEM184C	0.00421812	0.725451	0.931916	-1.07306	0.514902	1.14118	1.14118	0.200999	1.31008	1.31008	0.32527	1.22524	1.22524	0.702901	0.926226	-1.07965	0.0633087	0.658586	-1.5184	8.58E-05	0.244053	-4.09747	0.132199	1.38394	1.38394	0.974346	1.00645	1.00645	7.72764	4.89493	0.56305	1
cg00351838	TMEM184C	0.0146443	0.0632614	0.490701	-2.0379	0.86209	1.06105	1.06105	0.697516	0.875364	-1.14238	0.367658	1.37078	1.37078	0.123666	0.566486	-1.76527	0.896589	1.04531	1.04531	0.00335375	0.256593	-3.89723	0.00493908	3.55672	3.55672	0.106593	0.548534	-1.82304	5.22193	9.60626	1.6352	1
cg21575861	TMEM184C	0.0483574	0.531833	0.697351	-1.434	0.00759131	7.05968	7.05968	0.613119	0.748101	-1.33672	0.444095	0.641402	-1.55908	0.120256	0.383161	-2.60987	0.0552685	0.290315	-3.44453	?	?	?	0.790963	0.859667	-1.16324	0.0691986	0.314363	-3.18104	3.48246	15.8839	4.56112	1
cg03375088	TMEM185A	0.00872621	0.0140258	0.418406	-2.39002	0.00186752	0.281516	-3.55219	0.0589098	0.541849	-1.84553	0.38431	0.77396	-1.29206	0.0367463	0.498084	-2.0077	0.0114474	0.402956	-2.48166	0.00463999	0.339011	-2.94976	0.00317565	0.314258	-3.1821	0.10927	0.60555	-1.65139	6.17252	8.06646	1.16163	1
cg06046696	TMEM185A	0.0271474	0.962502	1.01464	1.01464	0.0441699	0.489298	-2.04375	0.160277	0.628908	-1.59006	0.0281139	0.448541	-2.22945	0.0216961	0.426547	-2.34441	0.0340907	2.14807	2.14807	0.0442178	2.04332	2.04332	0.779479	0.916879	-1.09066	0.860237	0.946972	-1.056	4.23357	6.40852	1.34555	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07679725	TMEM185B	1.73E-06	0.0872011	1.21428	1.21428	0.180436	0.863964	-1.15746	0.682626	0.958615	-1.04317	0.0518794	0.79658	-1.25537	0.611694	0.948728	-1.05404
cg19865616	TMEM185B	0.000509817	0.344099	1.23399	1.23399	0.422281	0.837909	-1.19345	0.432315	1.18874	1.18874	0.506042	0.864526	-1.1567	0.807848	0.94879	-1.05397
cg06194119	TMEM185B	0.00452952	0.710997	1.14158	1.14158	0.104429	1.88048	1.88048	0.995448	0.997973	-1.00203	0.518712	1.26209	1.26209	0.343674	0.706756	-1.41492
cg08408563	TMEM185B	0.00504942	0.701705	1.09328	1.09328	0.476884	1.18248	1.18248	0.0330048	1.7821	1.7821	0.950657	1.01444	1.01444	0.711511	1.0899	1.0899
cg25936380	TMEM185B	0.00825702	0.0152757	3.23058	3.23058	0.232498	1.63711	1.63711	0.114745	1.96459	1.96459	0.0329594	2.6696	2.6696	0.482642	1.32435	1.32435
cg07988989	TMEM185B	0.00916685	0.469029	0.744537	-1.34312	0.917462	0.95934	-1.04238	0.241106	1.63459	1.63459	0.973355	1.01346	1.01346	0.270489	0.631637	-1.58319
cg01315092	TMEM185B	0.0163882	0.0452848	2.54977	2.54977	0.00231386	5.66693	5.66693	0.251928	1.62872	1.62872	0.0229851	3.02964	3.02964	0.0178348	3.23414	3.23414
cg00011459	TMEM186;PMM2	0.000331879	0.00014097	0.0594212	-16.829	0.00867176	0.237465	-4.21114	0.00811284	0.233022	-4.29145	0.966042	0.981872	-1.01846	0.000346335	0.0842832	-11.8648
cg05869585	TMEM186;PMM2	0.00963689	0.00340706	0.138467	-7.22193	0.219389	0.526469	-1.89945	0.160292	0.474667	-2.10674	0.0222218	0.256269	-3.90215	0.0047643	0.155422	-6.43411
cg00263759	TMEM187	0.000761191	0.627794	1.09266	1.09266	0.000169075	3.19165	3.19165	0.000677988	2.56556	2.56556	0.000860523	0.403488	-2.47839	0.23859	1.25091	1.25091
cg05162528	TMEM187	0.000918804	0.151592	0.804208	-1.24346	0.00436574	1.71604	1.71604	0.00141983	1.92484	1.92484	0.00150028	0.522592	-1.91354	0.0877373	0.76545	-1.30642
cg02611122	TMEM187	0.0158079	0.969531	1.01079	1.01079	0.18466	1.48475	1.48475	0.850445	0.948356	-1.05446	0.00164435	0.281922	-3.54708	0.579059	0.854345	-1.17049
cg04764476	TMEM187;HCFC1	0.0116877	0.161987	0.452116	-2.21182	0.0099967	0.177453	-5.63531	0.395155	0.62941	-1.58879	0.00589507	6.78944	6.78944	0.0206984	0.227424	-4.39708
cg00008387	TMEM188	0.00763373	0.000236385	0.688518	-1.4524	0.033583	1.16424	1.16424	0.531119	0.961882	-1.03963	0.328931	0.940142	-1.06367	0.36277	0.94431	-1.05897
cg24715473	TMEM188	0.0399551	0.996738	0.99966	-1.00034	0.0260174	1.24583	1.24583	0.0457935	1.20985	1.20985	0.246462	0.90408	-1.1061	0.983538	1.00172	1.00172
cg27453492	TMEM188;TMEM188	0.0283898	0.831314	1.06326	1.06326	0.782131	0.923384	-1.08297	0.520678	1.20587	1.20587	0.535399	1.19778	1.19778	0.34405	1.32346	1.32346
cg02570151	TMEM189;TMEM189-UBE2V1;TMEM189;TMEM189	0.000276083	0.715568	0.94558	-1.05755	0.152369	1.26417	1.26417	0.168469	1.25155	1.25155	0.303676	1.17691	1.17691	0.00119887	0.483994	-2.06614
cg22941573	TMEM189;TMEM189-UBE2V1;TMEM189;TMEM189	0.00333599	0.00309523	0.240087	-4.16515	0.434781	0.755112	-1.32431	0.232043	0.642888	-1.55548	0.00152441	0.200167	-4.99583	0.048809	0.452451	-2.21018
cg01005308	TMEM189;TMEM189-UBE2V1;TMEM189;TMEM189	0.00745305	0.281201	0.759841	-1.31606	0.48781	1.18868	1.18868	0.576976	1.14819	1.14819	0.209473	0.722985	-1.38315	0.359707	0.793802	-1.25976
cg10342789	TMEM189;TMEM189;TMEM189;TMEM189-UBE2V1	0.0100739	0.468595	1.52747	1.52747	0.715213	1.2343	1.2343	0.77403	1.17983	1.17983	0.836985	0.888383	-1.12564	0.000164554	0.0249646	-40.0567
cg20800758	TMEM189;TMEM189;TMEM189;TMEM189-UBE2V1	0.0183166	0.052268	0.756539	-1.32181	0.0205057	1.42307	1.42307	0.384999	0.893536	-1.11915	0.72751	0.956752	-1.0452	0.361017	1.12601	1.12601
cg09220050	TMEM189;TMEM189;TMEM189;TMEM189-UBE2V1	0.0363792	0.977315	1.0047	1.0047	0.0158986	0.61464	-1.62697	0.147885	0.774241	-1.29159	0.00848971	0.574805	-1.73972	0.103707	1.34081	1.34081
cg10319600	TMEM19	0.00246077	0.750541	1.03433	1.03433	0.874271	1.0169	1.0169	0.0212263	1.34058	1.34058	0.0223102	1.33613	1.33613	0.000367883	0.546837	-1.8287
cg07916003	TMEM19	0.00282147	0.713375	1.04886	1.04886	0.170628	0.828057	-1.20765	0.66252	1.05843	1.05843	0.492048	0.913721	-1.09443	0.202062	0.840153	-1.19026
cg07483432	TMEM19	0.00380375	0.949978	1.0065	1.0065	0.474143	0.927571	-1.07809	0.0265855	1.3119	1.3119	0.101834	0.831124	-1.20319	0.0761265	0.815592	-1.2261
cg13016773	TMEM19	0.0226004	0.0636356	0.345733	-2.89241	0.992219	1.00498	1.00498	0.110087	0.411873	-2.42793	0.282362	1.76648	1.76648	0.0157443	0.221512	-4.51442
cg03761141	TMEM19	0.0264277	0.199095	0.430042	-2.32535	0.483309	0.642063	-1.55748	0.185544	0.417669	-2.39424	0.222841	0.450837	-2.2181	0.211171	0.440747	-2.26887
cg04969878	TMEM19	0.0344041	0.0374805	0.211971	-4.71763	0.0814701	0.289113	-3.45885	0.0962971	0.309288	-3.23323	0.987174	1.01038	1.01038	0.0241553	0.177709	-5.62719
cg01695406	TMEM190	0.00377789	0.0361625	0.55034	-1.81706	0.0533255	1.71271	1.71271	0.00429926	2.54966	2.54966	0.0538869	1.70998	1.70998	0.0248504	0.519625	-1.92447
cg09468836	TMEM190	0.00783506	0.228907	0.675849	-1.47962	0.0125928	2.69023	2.69023	0.0377169	2.13811	2.13811	0.0501239	0.495467	-2.0183	0.122571	0.593462	-1.68503
cg19402371	TMEM190	0.0120932	0.840107	1.11662	1.11662	0.00310984	9.10232	9.10232	0.0830301	2.85197	2.85197	0.157669	2.28186	2.28186	0.423445	0.639905	-1.56273
cg15986919	TMEM190	0.0232296	0.0575763	2.08975	2.08975	0.943213	1.02475	1.02475	0.505078	0.792843	-1.26128	0.0586753	2.08134	2.08134	0.0459541	2.19263	2.19263
cg04264070	TMEM190	0.0463493	0.239266	0.623935	-1.60273	0.122215	0.526695	-1.89863	0.0838808	0.480871	-2.07956	0.0912206	2.03808	2.03808	0.56355	1.25045	1.25045
cg06761076	TMEM191A	4.90E-07	0.0214676	0.795646	-1.25684	9.60E-05	1.776	1.776	0.0159753	1.27647	1.27647	4.98E-08	4.7754	4.7754	0.000359619	1.60578	1.60578
cg08235057	TMEM191A	2.63E-06	0.830606	0.971085	-1.02978	0.0173136	1.48738	1.48738	0.00416544	1.69205	1.69205	3.20E-06	4.53218	4.53218	0.861455	1.02421	1.02421
cg03966094	TMEM191A	0.00200581	0.033112	1.64291	1.64291	0.359083	1.20674	1.20674	0.166677	1.34158	1.34158	0.000506769	2.95294	2.95294	0.0172486	1.78275	1.78275
cg23406864	TMEM191A	0.0255408	0.00541749	0.200636	-4.98414	0.00669583	0.213611	-4.68141	0.080744	0.427435	-2.33954	0.164333	0.52143	-1.9178	0.0172573	0.279969	-3.57182
cg10956413	TMEM191A	0.0256212	0.78112	0.915157	-1.09271	0.466957	1.26568	1.26568	0.304093	0.712642	-1.40323	0.554967	0.826911	-1.20932	0.529937	1.22449	1.22449
cg10837251	TMEM191A	0.0280265	0.0369627	4.90928	4.90928	0.361509	1.85154	1.85154	0.107476	3.17004	3.17004	0.0892593	3.42347	3.42347	0.0297946	5.36208	5.36208
cg21642076	TMEM191A	0.0289913	0.272739	0.604181	-1.65513	0.578813	0.780734	-1.28085	0.0238073	0.303999	-3.28948	0.388628	0.677053	-1.47699	0.0386237	0.347373	-2.87875
cg13974317	TMEM191A	0.0353341	0.426512	0.778466	-1.28458	0.0359356	2.12266	2.12266	0.0690006	1.87313	1.87313	0.0153538	2.5035	2.5035	0.393981	1.30905	1.30905
cg22258863	TMEM191A	0.0357314	0.51951	1.31688	1.31688	0.530208	1.30744	1.30744	0.363427	1.48256	1.48256	0.00405048	5.08901	5.08901	0.156518	1.89448	1.89448
cg00109012	TMEM192	0.00577892	0.0118139	0.432852	-2.31026	0.418819	1.24612	1.24612	0.86854	0.956838	-1.04511	0.158624	1.49386	1.49386	0.0128209	0.438984	-2.27799
cg07452654	TMEM192	0.00640868	0.000109104	0.085926	-11.6379	0.163473	0.585357	-1.70836	0.707221	1.14553	1.14553	0.516921	1.26696	1.26696	0.485335	1.29086	1.29086
cg10959058	TMEM192	0.0123242	0.132042	0.713585	-1.40137	0.438619	0.848741	-1.17822	0.0127419	0.525974	-1.90124	0.488378	1.15735	1.15735	0.0441579	0.618779	-1.61609
cg05251952	TMEM192	0.0288835	0.0348739	0.488116	-2.04869	0.101727	1.6863	1.6863	0.19094	1.49765	1.49765	0.540929	1.19785	1.19785	0.0112876	0.396305	-2.52331
cg13716933	TMEM194A;TMEM194A	1.05E-06	3.38E-05	0.64647	-1.54686	5.80E-07	5.43612	5.43612	0.0363379	1.04	1.04	?	?	?	?	?	?
cg25253716	TMEM194A;TMEM194A	0.000217159	0.0704325	1.65277	1.65277	4.00E-05	0.117453	-8.51407	0.600104	0.878663	-1.13809	0.464437	1.19999	1.19999	4.03E-05	0.117765	-8.49151
cg00280991	TMEM194A;TMEM194A	0.00473381	0.576213	0.911897	-1.09661	0.0252106	1.54453	1.54453	0.00054376	2.40584	2.40584	0.00747119	0.569762	-1.75512	0.0521419	0.69712	-1.43447
cg01217666	TMEM194A;TMEM194A	0.010648	0.00460346	3.90836	3.90836	0.043315	2.26984	2.26984	?	?	?	0.107151	1.84974	1.84974	0.00498449	3.82732	3.82732
cg19121163	TMEM194A;TMEM194A	0.0219286	0.945951	0.989716	-1.01039	0.197799	1.23066	1.23066	0.260989	1.19572	1.19572	0.120241	0.773382	-1.29302	0.0011351	0.481889	-2.07517
cg06518123	TMEM194A;TMEM194A	0.0469146	0.409276	0.850772	-1.1754	0.0143964	1.78186	1.78186	0.0788927	1.45304	1.45304	0.0452706	0.644148	-1.55244	0.615496	0.907579	-1.10183
cg18008221	TMEM194B	0.000150143	0.00021584	0.176999	-5.64976	0.000225304	0.178936	-5.58859	0.0037227	0.333257	-3.00068	0.017962	0.44646	-2.23984	5.31E-05	0.120504	-8.29848
cg10560079	TMEM194B	0.0057678	?	?	?	0.00604091	0.0785939	-12.7236	0.274794	0.446715	-2.23856	0.76511	0.808559	-1.23677	0.000455521	0.0199086	-50.2296
cg26605467	TMEM194B	0.0110024	0.0259898	0.584588	-1.71061	0.0124867	1.88027	1.88027	0.455851	1.16683	1.16683	0.438901	1.17397	1.17397	0.0071348	0.493646	-2.02574
cg11845111	TMEM194B	0.0111443	0.00428164	0.121068	-8.25981	0.00383391	0.116053	-8.61673	0.0227044	0.22156	-4.51344	0.115873	0.388938	-2.5711	0.00517909	0.130118	-7.68533
cg21351543	TMEM194B	0.0242044	0.436517	1.17476	1.17476	0.041163	0.620013	-1.61287	0.591564	0.89592	-1.11617	0.176315	0.747001	-1.33869	0.00560978	0.478143	-2.09142
cg02999082	TMEM194B	0.0315768	0.230593	0.640689	-1.56082	0.0140251	0.341718	-2.92639	0.0117822	0.328402	-3.04505	0.0553213	0.463488	-2.15755	0.0440483	0.440844	-2.26838
cg00057240	TMEM194B	0.0375474	0.011969	0.1559	-6.41435	0.0100508	0.145758	-6.8607	0.11518	0.362294	-2.76019	0.292371	0.523327	-1.91085	0.0199795	0.189288	-5.28295
cg04906575	TMEM195	7.62E-07	2.47E-06	0.143093	-6.98847	0.00581667	0.540529	-1.85004	5.42E-06	0.17331	-5.77	0.514052	0.893408	-1.11931	1.71E-07	0.0639332	-15.6413
cg24603439	TMEM195	0.0026571	0.675782	0.883733	-1.13156	0.308671	0.733727	-1.36291	0.803094	0.929213	-1.07618	0.237885	1.43809	1.43809	3.88E-05	0.0986248	-10.1394
cg21763226	TMEM195	0.0180946	0.803842	1.04559	1.04559	0.0211717	1.64294	1.64294	0.00824489	1.83183	1.83183	0.244174	1.24393	1.24393	0.887187	0.974891	-1.02576
cg26671120	TMEM195	0.0461291	0.771444	1.06646	1.06646	0.00721219	0.464845	-2.15126	0.429517	0.836812	-1.19501	0.683469	0.913418	-1.09479	0.284181	1.27862	1.27862
cg18505401	TMEM196	0.000626858	0.000299484	0.622369	-1.60676	0.000386232	0.633512	-1.5785	0.24578	0.906775	-1.10281	0.439552	0.938425	-1.06561	0.0257671	1.23796	1.23796
cg10182869	TMEM196	0.000791586	0.00297587	0.310361	-3.22205	0.186966	0.669287	-1.49413	0.00177074	0.278577	-3.58968	0.915603	0.970027	-1.0309	9.83E-05	0.137261	-7.28539
cg04111071	TMEM196	0.00468021	0.97401	0.99151	-1.00856	0.000810144	0.266572	-3.75133	0.206036	0.705332	-1.41777	0.354513	0.779365	-1.2831	0.404435	0.799911	-1.25014
cg06896909	TMEM196	0.0199719	0.0258311	0.643511	-1.55398	0.0215267	0.631347	-1.58391	0.0136349	0.601529	-1.66243	0.197872	0.797154	-1.25446	0.0164606	0.613722	-1.6294
cg12955305	TMEM196	0.0261189	0.719011	0.931807	-1.07318	0.154543	1.34703	1.34703	0.859624	1.03521	1.03521	0.197337	0.766119	-1.30528	0.0985519	1.42496	1.42496
cg08991339	TMEM196;TMEM196	0.0306446	0.392406	1.11263	1.11263	0.254411	0.865061	-1.15599	0.173192	0.838168	-1.19308	0.732134	1.04274	1.04274	0.0573562	1.29935	1.29935
cg23075335	TMEM198	0.000761269	0.0475401	0.692157	-1.44476	0.211584	1.23819	1.23819	0.00428371	1.85947	1.85947	0.0808601	1.36926	1.36926	0.000124868	0.337796	-2.96037
cg13568107	TMEM198	0.00997819	0.147639	1.28527	1.28527	0.0356382	1.48448	1.48448	0.0279453	1.5213	1.5213	0.156516	1.27742	1.27742	0.0729711	0.723907	-1.38139
cg16480662	TMEM198	0.0140326	0.0155778	0.55627	-1.79769	0.104327	0.703914	-1.42063	0.998792	0.999701	-1.0003	0.00629265	0.494738	-2.02127	0.00115018	0.388773	-2.57219
cg16095795	TMEM198;CHPF	0.000370745	0.172759	1.18332	1.18332	0.118629	1.21717	1.21717	0.00836857	1.47823	1.47823	0.0386501	0.757416	-1.32028	0.900255	1.01465	1.01465
cg27574066	TMEM199	0.00122584	0.000623578	0.674783	-1.48196	0.00474609	1.32355	1.32355	0.693631	1.03004	1.03004	0.170321	1.11533	1.11533	0.000792593	0.684601	-1.4607
cg08076044	TMEM199;POLDIP2	0.00379125	0.0236494	0.399361	-2.504	0.00296922	0.25027	-3.99568	0.0628809	0.491176	-2.03593	0.0847229	0.523226	-1.91122	0.00236664	0.236828	-4.22247
cg02169125	TMEM199;POLDIP2	0.00753983	0.190861	2.46918	2.46918	0.94797	0.958305	-1.04351	0.0418282	0.216336	-4.62243	0.807152	0.852483	-1.17304	0.617351	1.38918	1.38918
cg15288140	TMEM199;POLDIP2	0.0273119	0.941873	0.991382	-1.00869	0.26104	0.87012	-1.14927	0.0700451	0.786314	-1.27176	0.0448319	1.31432	1.31432	0.520841	0.925665	-1.0803
cg08027369	TMEM199;POLDIP2	0.0308682	0.0230558	0.597984	-1.67229	0.343588	1.19748	1.19748	0.406792	0.855057	-1.16951	0.123812	0.733226	-1.36384	0.200463	0.778202	-1.28501
cg09977064	TMEM199;POLDIP2	0.0481071	0.103195	2.14707	2.14707	0.445151	1.39606	1.39606	0.195654	1.79796	1.79796	0.00360469	0.184657	-5.41546	0.925139	1.04111	1.04111
cg27384002	TMEM200A	0.00192	0.000700796	0.249007	-4.01595	0.83399	1.05808	1.05808	0.00570654	0.377145	-2.6515	0.00119757	0.278882	-3.58574	0.000357886	0.2142	-4.66852
cg02769951	TMEM200A	0.00345501	0.0303462	0.725062	-1.37919	0.629771	1.06326	1.06326	0.00160101	0.564543	-1.77134	0.629892	0.940521	-1.06324	0.00465339	0.621671	-1.60857
cg11296230	TMEM200B	3.74E-05	0.919172	0.979978	-1.02043	6.02E-06	7.5514	7.5514	0.000165895	3.59126	3.59126	1.94E-05	5.62505	5.62505	0.401513	0.842744	-1.1866
cg13548601	TMEM200B	0.000212139	0.171698	1.56875	1.56875	3.14E-05	12.3278	12.3278	7.46E-05	9.26467	9.26467	0.00027607	6.31289	6.31289	0.218891	0.670211	-1.49207
cg23905374	TMEM200B	0.00166509	0.981353	0.991299	-1.00878	0.00703234	3.68027	3.68027	0.000701964	6.90346	6.90346	0.000267528	9.36415	9.36415	0.450994	0.750371	-1.33267
cg21291672	TMEM200B	0.00312943	0.96449	1.00816	1.00816	0.00195954	0.449906	-2.22269	0.0158832	0.583363	-1.7142	0.421345	1.1617	1.1617	0.0139565	0.574622	-1.74027
cg05124308	TMEM200B	0.00314981	0.532937	1.29478	1.29478	0.0017265	6.22681	6.22681	0.00953852	3.83048	3.83048	0.00469247	4.65197	4.65197	0.57773	0.794492	-1.25867
cg03357664	TMEM200B	0.00839166	0.0518805	0.305694	-3.27125	0.00719801	0.155902	-6.41427	0.0752895	0.3461	-2.88934	0.0782154	0.350545	-2.8527	0.0117639	0.185298	-5.39671
cg20819218	TMEM200B	0.0126763	0.709075	1.15968	1.15968	0.00205768	5.56288	5.56288	0.00865609	3.7544	3.7544	0.00270573	5.14407	5.14407	0.813801	1.09775	1.09775

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07679725	0.688756	0.959451	-1.04226	0.448556	1.08264	1.08264	1.41E-08	9.77889	9.77889	0.00821034	1.41576	1.41576	63.7343	10.669	0.148798	1
cg19865616	0.785523	1.06062	1.06062	0.195085	0.744032	-1.34403	5.06E-06	9.39897	9.39897	0.76369	0.937021	-1.06721	14.2136	10.4779	0.655267	1
cg06194119	0.328358	1.43183	1.43183	0.422619	1.33834	1.33834	5.12E-05	14.8604	14.8604	0.112045	1.85087	1.85087	7.5627	15.1626	1.78215	1
cg08408563	0.55799	0.87171	-1.14717	0.47512	0.845095	-1.1833	7.19E-05	5.34237	5.34237	0.107019	1.50342	1.50342	7.31659	6.22319	0.756052	1
cg25936380	0.131519	1.89832	1.89832	0.000630645	7.91125	7.91125	0.00236676	5.30784	5.30784	0.0115954	3.46417	3.46417	6.28127	15.4195	2.18208	1
cg07988989	0.980342	0.990182	-1.00992	0.809623	1.10147	1.10147	0.000122313	14.6575	14.6575	0.975298	1.01248	1.01248	6.07682	15.4329	2.25745	1
cg01315092	0.186778	1.7689	1.7689	0.0036366	4.97075	4.97075	0.0465599	2.53192	2.53192	0.0485702	2.50498	2.50498	5.03067	13.2348	2.33851	1
cg00011459	0.00194245	0.152001	-6.57889	6.13E-05	0.0416626	-24.0024	0.0778004	0.430739	-2.32159	0.000947495	0.120284	-8.31367	16.0011	46.8004	2.59984	1
cg05869585	0.116712	0.428848	-2.33183	0.00246203	0.123451	-8.1004	0.487953	0.704673	-1.4191	0.00472438	0.154977	-6.45256	5.98085	23.3733	3.4738	1
cg00263759	0.799706	0.954934	-1.04719	0.0167512	1.69819	1.69819	0.123025	1.35397	1.35397	0.447137	1.15088	1.15088	12.7086	6.6211	0.463107	1
cg05162528	0.277146	1.17386	1.17386	0.1206	1.26968	1.26968	0.0929669	0.769409	-1.2997	0.00126767	0.513222	-1.94847	12.0521	3.83937	0.283169	1
cg02611122	0.29976	1.3524	1.3524	0.00627994	2.71865	2.71865	0.316267	1.33784	1.33784	0.286497	0.732767	-1.36469	5.0914	6.36339	1.11096	1
cg04764476	0.00853206	0.167914	-5.95544	0.482623	0.684304	-1.46134	0.587182	1.33834	1.33834	0.831464	1.11997	1.11997	5.62133	25.162	3.97882	1
cg00008387	0.898828	0.992238	-1.00782	0.0313455	0.856669	-1.16731	0.789505	1.01653	1.01653	0.51653	1.04111	1.04111	6.43824	0.382648	0.0528299	1
cg24715473	0.523029	1.05533	1.05533	0.317129	0.917559	-1.08985	0.0553571	0.834689	-1.19805	0.0143206	1.28563	1.28563	3.68466	0.403949	0.0974489	1
cg27453492	0.00441851	0.33539	-2.9816	0.0423203	1.959	1.959	0.0240788	2.16755	2.16755	0.0632596	1.82328	1.82328	4.16742	5.45689	1.16393	1
cg02570151	0.392482	1.14334	1.14334	5.45E-06	0.207579	-4.81743	0.693666	0.941265	-1.0624	0.629855	0.928439	-1.07708	16.8281	6.23119	0.329142	1
cg22941573	0.0107252	0.322963	-3.09633	0.00097372	0.177357	-5.63833	0.292593	0.680546	-1.46941	0.00105966	0.181521	-5.509	8.2919	16.3155	1.74902	1
cg01005308	0.00426866	0.391605	-2.5536	0.000648485	0.277297	-3.60624	0.0897588	0.632142	-1.58192	0.00390426	0.385713	-2.5926	6.48675	6.17754	0.846517	1
cg10342789	0.42523	1.59644	1.59644	0.919454	0.943551	-1.05983	0.254166	1.98184	1.98184	0.330093	1.78131	1.78131	5.89671	30.8196	4.64584	1
cg20800758	0.0191389	0.698842	-1.43094	0.00900306	0.657228	-1.52154	0.0866318	1.27023	1.27023	0.291523	0.870812	-1.14835	4.8466	1.22612	0.224877	1
cg09220050	0.225455	1.23345	1.23345	0.333325	0.848339	-1.17877	0.259455	0.823744	-1.21397	0.271612	1.20759	1.20759	3.81328	1.64062	0.382434	1
cg10319600	0.014065	0.725577	-1.37821	0.859936	0.981483	-1.01887	0.00422473	0.666759	-1.49979	0.760463	0.96816	-1.03289	9.07416	1.60931	0.157645	1
cg07916003	0.471999	0.909739	-1.09922	3.72E-05	0.358684	-2.78797	0.669453	1.0571	1.0571	0.126101	1.23863	1.23863	8.71525	2.30785	0.235383	1
cg07483432	0.00160274	0.626563	-1.59601	0.00613981	0.691218	-1.44672	0.30952	0.897069	-1.11474	0.000756834	0.590129	-1.69455	7.97231	1.34703	0.15019	1
cg13016773	0.293158	1.74271	1.74271	0.00272761	0.121539	-8.2278	0.0733334	0.36165	-2.7651	0.0939148	0.391349	-2.55527	4.51201	18.5387	3.65223	1
cg03761141	0.066296	0.277762	-3.60021	0.000737907	0.0412418	-24.2472	0.448283	0.618404	-1.61707	0.0109969	0.137505	-7.27248	4.27362	26.1795	5.44518	1
cg04969878	0.194092	0.413599	-2.4178	0.00897881	0.118221	-8.45873	0.00586537	0.0985299	-10.1492	0.0780653	0.284195	-3.51871	3.89121	25.4487	5.81338	1
cg01695406	0.0367254	1.81278	1.81278	0.711355	0.912918	-1.09539	0.00558909	0.409839	-2.43998	0.0490564	1.7346	1.7346	7.98866	7.60243	0.845913	1
cg09468836	0.00254036	3.90199	3.90199	0.116876	0.587746	-1.70141	0.0781632	0.541864	-1.84548	0.160186	1.59501	1.59501	7.311	10.7522	1.14387	1
cg19402371	0.0168121	4.91897	4.91897	0.00288394	9.37215	9.37215	0.0159074	5.01455	5.01455	0.0377628	3.7273	3.7273	5.55951	26.2547	4.19776	1
cg15986919	0.0777238	1.95991	1.95991	0.00105481	5.27411	5.27411	0.0680733	2.01635	2.01635	0.1286	1.75721	1.75721	4.46952	8.33878	1.6584	1
cg04264070	0.183501	0.582671	-1.71623	0.0224308	2.84866	2.84866	0.0642886	2.216	2.216	0.290506	1.52177	1.52177	3.48666	8.09008	2.06248	1
cg06761076	0.0770048	1.17669	1.17669	1.60E-07	3.84364	3.84364	6.66E-07	3.06778	3.06778	0.00367248	1.38403	1.38403	87.9239	9.53461	0.0963925	1
cg08235057	0.963125	0.993688	-1.00635	1.48E-07	9.5049	9.5049	3.30E-06	4.50316	4.50316	0.0858179	0.771034	-1.29696	57.2787	17.0167	0.264076	1
cg03966094	0.00323522	2.22654	2.22654	0.000145705	3.68014	3.68014	0.102984	1.42687	1.42687	0.0118452	1.87044	1.87044	9.63375	6.05955	0.559104	1
cg23406864	0.465655	0.721918	-1.3852	0.00932484	0.235196	-4.25178	0.510935	0.746298	-1.33995	0.113545	0.469688	-2.12907	4.32489	13.1926	2.71147	1
cg10956413	0.812493	1.07857	1.07857	0.0107793	0.360748	-2.77202	0.00187579	4.06943	4.06943	0.39359	1.32069	1.32069	4.32015	6.9318	1.42625	1
cg10837251	0.0456761	4.50303	4.50303	0.0038168	12.9592	12.9592	0.0140628	7.3225	7.3225	0.0173052	6.7124	6.7124	4.18639	28.5975	6.07206	1
cg21642076	0.578919	0.780789	-1.28076	0.000862666	0.10992	-9.09756	0.072002	0.412106	-2.42656	0.153787	0.50964	-1.96217	4.13667	12.7652	2.74299	1
cg13974317	0.943253	1.0222	1.0222	0.00418322	3.26583	3.26583	0.0455113	2.02868	2.02868	0.340722	1.35368	1.35368	3.85385	5.80654	1.33928	1
cg22258863	0.0289747	2.96052	2.96052	0.025101	3.0748	3.0748	0.0294036	2.94909	2.94909	0.0158999	3.47269	3.47269	3.83826	10.8041	2.5021	1
cg00109012	0.0308712	0.509063	-1.96439	0.000362232	0.218094	-4.58517	0.887545	0.963014	-1.03841	0.106671	0.625512	-1.59869	7.01995	7.88753	0.998745	1
cg07452654	0.236224	1.56351	1.56351	0.798875	1.0963	1.0963	0.157212	0.580008	-1.72412	0.662531	1.17132	1.17132	6.79914	13.9629	1.82545	1
cg10959058	0.0574902	0.640188	-1.56204	0.000466962	0.319136	-3.13346	0.541352	0.879541	-1.13696	0.0404315	0.611784	-1.63456	5.52544	3.77138	0.606709	1
cg05251952	0.29029	1.37728	1.37728	0.0270022	0.465906	-2.14635	0.21351	1.46531	1.46531	0.467716	0.80612	-1.24051	4.14212	5.5809	1.19765	1
cg13716933	?	?	?	3.84E-07	6.97704	6.97704	?	?	?	1.42E-06	3.51498	3.51498	13105.2	12.8348	0.000587619	1
cg25253716	?	?	?	0.0842054	1.60631	1.60631	0.490354	1.18708	1.18708	0.366058	1.25572	1.25572	23.458	19.2785	0.719103	1
cg00280991	0.333731	1.17685	1.17685	0.109687	1.32953	1.32953	0.317551	1.18382	1.18382	0.313125	1.18578	1.18578	7.46199	3.15266	0.375552	1
cg01217666	?	?	?	0.0714073	2.02735	2.02735	?	?	?	0.156602	0.589662	-1.69589	7.03175	8.65022	1.43519	1
cg19121163	0.819648	0.965779	-1.03543	0.0420284	1.42937	1.42937	0.71505	1.0575	1.0575	0.623725	0.927382	-1.0783	4.55902	1.67861	0.327285	1
cg06518123	0.797518	0.951958	-1.05047	0.928964	0.98307	-1.01722	0.376431	0.84045	-1.18984	0.0278429	1.64507	1.64507	3.47079	2.01583	0.516265	1
cg18008221	0.00040185	0.20628	-4.84777	0.0010749	0.258052	-3.87519	0.107708	1.63607	1.63607	0.000554002	0.22244	-4.49559	19.8518	24.7286	1.10725	1
cg10560079	0.552201	0.652782	-1.53191	0.00682352	0.0832852	-12.0069	0.397791	0.541173	-1.84784	0.00833901	0.0915369	-10.9246	7.17281	50.7893	7.08081	1
cg26605467	0.353594	1.21398	1.21398	0.00917409	0.510603	-1.95847	0.297575	0.803017	-1.2453	0.104617	0.697422	-1.43385	5.73212	3.74689	0.581036	1
cg11845111	0.16141	0.437635	-2.28501	0.0104848	0.168642	-5.92971	0.746822	1.196	1.196	0.0495605	0.289949	-3.44888	5.70849	27.6047	4.29842	1
cg21351543	0.930789	0.982529	-1.01778	0.00252988	0.427192	-2.34087	0.392398	1.19457	1.19457	0.589034	0.895234	-1.11703	4.40643	2.87325	0.579607	1
cg02999082	0.0291144	0.402401	-2.48509	0.0110181	0.323387	-3.09227	0.603875	1.20357	1.20357	0.445674	0.759419	-1.3168	4.01294	7.96448	1.76418	1
cg00057240	0.118397	0.36608	-2.73164	0.00823768	0.134898	-7.41301	0.22948	0.473568	-2.11163	0.158891	0.4096	-2.4414	3.76961	20.9776	4.94659	1
cg04906575	6.94E-07	0.100748	-9.92579	1.12E-06	0.115779	-8.63714	0.748543	0.946692	-1.05631	0.404801	1.15626	1.15626	78.6053	36.1177	0.408428	1
cg24603439	0.925695	0.97296	-1.02779	0.708953	0.89567	-1.11648	0.650598	0.874598	-1.14338	0.00915162	0.378047	-2.64517	8.87125	12.1328	1.21569	1
cg21763226	0.651848	1.08477	1.08477	0.00221514	2.15573	2.15573	0.772264	0.949342	-1.05336	0.0954933	0.720299	-1.38831	4.86654	2.47357	0.451805	1
cg26671120	0.726025	0.925224	-1.08082	0.0165917	1.90858	1.90858	0.186189	0.73373	-1.3629	0.139872	0.704046	-1.42036	3.49291	2.69976	0.687046	1
cg18505401	0.00493572	0.740692	-1.35009	0.000233814	0.611441	-1.63548	0.848683	1.01552	1.01552	0.253443	0.908328	-1.10092	13.4189	1.38119	0.091492	1
cg10182869	0.0051677	0.346489	-2.8861	0.000239007	0.17445	-5.73229	0.602093	0.859836	-1.16301	0.0122941	0.408565	-2.44759	12.5694	16.4055	1.16017	1
cg04111071	0.753108	1.08608	1.08608	0.00038476	0.227023	-4.40485	0.0104255	0.429993	-2.32562	0.632438	1.13441	1.13441	7.48788	8.12209	0.964177	1
cg06896909	0.0838395	0.727107	-1.37531	0.00984824	0.580776	-1.72183	0.00450232	0.532206	-1.87897	0.599752	0.915576	-1.09221	4.70681	2.0684	0.390621	1
cg12955305	0.522601	1.13505	1.13505	0.000675003	2.76275	2.76275	0.244007	1.26907	1.26907	0.189505	1.31219	1.31219	4.29123	2.59737	0.538022	1
cg08991339	0.561046	1.07422	1.07422	0.00233944	0.596039	-1.67774	0.83296	1.02606	1.02606	0.0918577	1.25364	1.25364	4.05605	0.953093	0.208871	1
cg23075335	0.00182232	0.487077	-2.05306	0.0211405	1.56844	1.56844	0.980878	0.996117	-1.0039	0.782578	1.04593	1.04593	12.7082	5.30482	0.371052	1
cg13568107	0.00408798	0.536618	-1.86352	0.00995126	1.69199	1.69199	0.849772	1.03111	1.03111	0.681676	1.0689	1.0689	5.91475	2.44481	0.367415	1
cg16480662	0.14394	0.733127	-1.36402	0.546012	1.12842	1.12842	0.549813	1.1271	1.1271	0.795084	0.949836	-1.05281	5.29583	3.27949	0.550453	1
cg16095795	0.0134842	0.7013	-1.42592	1.15E-05	0.339882	-2.9422	0.226084	1.15889	1.15889	0.144172	0.833594	-1.19962	15.5215	3.30842	0.189467	1
cg27574066	0.288515	1.08585	1.08585	0.0190842	1.23622	1.23622	0.913192	0.991882	-1.00818	0.0405869	1.19333	1.19333	11.104	0.982553	0.0786544	1
cg08076044	0.157663	0.598523	-1.67078	0.000177995	0.115593	-8.65103	0.176802	0.61399	-1.62869	0.0375989	0.440654	-2.26935	7.9802	14.5881	1.62492	1
cg02169125	0.000437003	0.0266006	-37.5932	0.0360342	4.91068	4.91068	0.442534	1.66693	1.66693	?	?	?	6.59662	39.551	5.99565	1
cg15288140	0.964114	0.994674	-1.00535	0.00247186	0.606842	-1.64788	0.182441	1.18287	1.18287	0.0921983	0.802527	-1.24606	4.2246	0.942533	0.198316	1
cg08027369	0.0179371	0.579466	-1.72573	0.0202932	0.588531	-1.69914	0.0301988	1.61746	1.61746	0.56309	0.897912	-1.11369	4.45117	2.33349	0.407743	1
cg09977064	0.995696	0.99769	-1.00231	?	?	?	0.159358	0.524836	-1.90536	0.534996	0.763891	-1.30909	3.48938	9.02701	2.587	1
cg27384002	0.0413444	0.530986	-1.88329	0.24965	0.723496	-1.38218	0.0141376	0.442811	-2.2583	0.0207539	0.472871	-2.11474	9.75716	11.1833	1.01881	1
cg02769951	0.505586	0.918227	-1.08906	0.00143357	1.79	1.79	0.115259	0.805523	-1.24143	0.226426	0.851798	-1.17399	8.2055	2.07284	0.224547	1
cg11296230	0.0590464	1.52924	1.52924	0.000473068	2.98646	2.98646	0.000111678	3.87114	3.87114	0.830592	0.958208	-1.04361	28.7361	18.0696	0.558944	1
cg13548601	0.24098	1.46209	1.46209	0.122214	1.67928	1.67928	0.000750327	4.86633	4.86633	0.560865	1.19959	1.19959	18.0798	27.4226	1.34823	1
cg23905374	0.784152	0.902423	-1.10813	0.0607609	2.20449	2.20449	0.00147606	5.56015	5.56015	0.758856	1.12203	1.12203	10.1686	22.5194	1.96853	1
cg21291672	0.331234	0.832831	-1.20072	0.000248406	0.33169	-3.01486	0.909842	0.979543	-1.02088	0.191861	1.28671	1.28671	8.45138	4.45644	0.468714	1
cg05124308	0.00490158	4.59551	4.59551	0.00127009	6.84399	6.84399	0.00295954	5.30595	5.30595	0.270782	1.59844	1.59844	8.43507	22.3547	2.35575	1
cg03357664	0.0176581	0.213028	-4.69421	0.00054323	0.0561268	-17.8168	0.012842	0.191006	-5.23545	0.0644866	0.328655	-3.0427	6.24929	28.4094	4.0409	1
cg20819218	0.0568808	2.34392	2.34392	0.571229	1.25381	1.25381	0.0371061	2.60312	2.60312	0.784558	0.897339	-1.11441	5.47501	13.5485	2.19964	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22803285	TMEM211	0.0403335	0.201312	0.437094	-2.28784	0.192233	0.42891	-2.33149	0.041443	0.236403	-4.23006	0.552519	0.691754	-1.4456	0.0132408	0.152144	-6.57271
cg07205901	TMEM212	2.07E-07	0.248439	1.07488	1.07488	5.60E-08	0.328161	-3.04729	2.08E-07	0.389836	-2.56518	0.597792	1.03238	1.03238	0.00185118	1.30278	1.30278
cg25507767	TMEM213;ATP6V0A4;ATP6V0A4	0.00955221	0.00218496	4.78452	4.78452	0.00985221	3.28084	3.28084	0.924203	1.03527	1.03527	0.0154123	2.95303	2.95303	0.0235218	2.67865	2.67865
cg26349773	TMEM213;ATP6V0A4;ATP6V0A4	0.0105615	0.00848512	3.73402	3.73402	0.0038252	4.6133	4.6133	0.0332729	2.65293	2.65293	0.0147944	3.24128	3.24128	0.0774001	2.15929	2.15929
cg24798540	TMEM213;ATP6V0A4;ATP6V0A4	0.0111693	0.00561431	3.16318	3.16318	0.015648	2.55622	2.55622	0.116197	1.71726	1.71726	0.0251916	2.32371	2.32371	0.0745648	0.533033	-1.87606
cg17802552	TMEM213;ATP6V0A4;ATP6V0A4	0.0194599	0.259233	0.798169	-1.25287	0.511205	0.880182	-1.13613	0.00672377	0.510108	-1.96037	0.738441	0.93783	-1.06629	0.000962412	0.390004	-2.56407
cg20297907	TMEM214;TMEM214	0.00268191	0.000132056	0.492333	-2.03115	0.308588	0.893504	-1.11919	0.0136815	0.721939	-1.38516	0.132369	0.840698	-1.18949	0.310097	1.11877	1.11877
cg20313392	TMEM214;TMEM214	0.00522126	0.184598	0.748645	-1.33575	0.0100115	0.512283	-1.95205	0.0993493	0.689614	-1.45009	0.00201876	0.408197	-2.4498	0.0122939	0.526532	-1.89922
cg03042537	TMEM214;TMEM214	0.0160886	0.936854	1.01866	1.01866	0.312655	1.27599	1.27599	0.0335594	1.78498	1.78498	0.661907	0.902414	-1.10814	0.711526	0.916969	-1.09055
cg06742800	TMEM214;TMEM214	0.037496	0.918492	1.01264	1.01264	0.160325	1.20217	1.20217	0.82429	0.973071	-1.02767	0.736797	0.959437	-1.04228	0.306192	1.13889	1.13889
cg03857186	TMEM214;TMEM214	0.0411821	0.873268	1.01498	1.01498	0.0456902	0.807832	-1.23788	0.00409637	0.698535	-1.43157	0.562197	0.946879	-1.0561	0.121473	1.16928	1.16928
cg13509517	TMEM215	0.00597808	0.341007	1.46056	1.46056	0.910806	0.957659	-1.04421	0.682935	1.17182	1.17182	0.428808	0.73209	-1.36595	0.8615	1.06974	1.06974
cg14279416	TMEM215	0.00991954	0.000325577	0.0712887	-14.0275	0.223041	0.558757	-1.78969	0.0339235	0.324441	-3.08222	0.514879	0.740658	-1.35015	0.465545	1.40159	1.40159
cg00736523	TMEM215	0.0312513	0.000838645	2.16899	2.16899	0.468898	0.892657	-1.12025	0.777669	1.04459	1.04459	0.265424	1.19583	1.19583	0.51628	1.10674	1.10674
cg11308840	TMEM215;TMEM215	0.0304494	0.203208	1.28888	1.28888	0.0170309	1.73265	1.73265	0.0349404	1.59098	1.59098	0.531043	0.887022	-1.12737	0.342334	1.20303	1.20303
cg21116783	TMEM216	1.37E-05	0.998402	0.999711	-1.00029	0.00276687	1.81476	1.81476	0.492243	0.904199	-1.10595	0.869545	1.02402	1.02402	0.104545	0.774005	-1.29198
cg06956048	TMEM216	0.00010912	0.0147969	0.393525	-2.54114	0.775587	0.914952	-1.09295	0.639704	0.863624	-1.15791	0.00367747	3.391	3.391	0.0012038	4.37074	4.37074
cg20208600	TMEM216	0.000509989	0.20397	1.5594	1.5594	0.000524719	5.99584	5.99584	0.0395698	2.20088	2.20088	0.0823905	1.89201	1.89201	0.000321821	6.88019	6.88019
cg10489124	TMEM216	0.000827248	0.0781112	0.577128	-1.73272	0.000639649	4.35815	4.35815	0.00378363	2.99554	2.99554	0.0712419	1.76091	1.76091	0.321479	1.33327	1.33327
cg05042743	TMEM216	0.00195584	0.448683	0.769932	-1.29882	0.00122572	4.96002	4.96002	0.262953	1.48471	1.48471	0.10073	1.83819	1.83819	0.00894164	3.08364	3.08364
cg17322667	TMEM216	0.00208712	0.0423223	0.477939	-2.09232	0.00377143	3.43518	3.43518	0.0131661	2.639	2.639	0.0546886	1.98977	1.98977	0.107486	1.7412	1.7412
cg13344470	TMEM216	0.0195762	0.00325033	0.48603	-2.05748	0.0258267	0.621409	-1.60925	0.012812	0.573638	-1.74326	0.274429	0.815107	-1.22683	0.0862241	0.71122	-1.40603
cg03271965	TMEM216;TMEM216	7.42E-07	0.33911	0.86617	-1.15451	0.0131136	1.56611	1.56611	0.454118	0.894771	-1.1176	0.426096	1.12581	1.12581	0.095767	0.765836	-1.30576
cg07537876	TMEM216;TMEM216	0.000109777	0.538591	1.17131	1.17131	0.000258419	4.60455	4.60455	0.873283	0.960275	-1.04137	0.607497	0.876708	-1.14063	0.151168	0.676613	-1.47795
cg24449148	TMEM216;TMEM216	0.0348937	0.699054	1.35665	1.35665	0.570368	1.56881	1.56881	0.978351	1.02153	1.02153	0.788263	1.23535	1.23535	0.77344	0.797213	-1.25437
cg21780428	TMEM217	2.44E-05	0.974488	0.994214	-1.00582	0.627603	0.91512	-1.09275	9.47E-05	0.283096	-3.53237	0.324802	1.20261	1.20261	2.58E-05	0.220205	-4.54122
cg25374230	TMEM217;TBC1D22B;TMEM217;TMEM217;TMEM217	0.00534875	0.28906	1.11917	1.11917	0.0169547	0.742354	-1.34707	0.0595703	1.24301	1.24301	0.0148197	1.35895	1.35895	0.102424	1.20063	1.20063
cg22874560	TMEM217;TBC1D22B;TMEM217;TMEM217;TMEM217	0.0145916	0.168786	1.23739	1.23739	0.876846	0.977723	-1.02278	0.738695	1.04984	1.04984	0.0261019	1.4674	1.4674	0.995432	0.999169	-1.00083
cg07303923	TMEM217;TMEM217	0.00108472	0.910471	1.02517	1.02517	0.356056	0.810769	-1.2334	0.00054814	0.305351	-3.27492	0.892017	0.970432	-1.03047	0.000127367	0.229224	-4.36255
cg06392574	TMEM217;TMEM217	0.0046566	0.0191444	0.240667	-4.15513	0.114631	0.422288	-2.36805	0.0474119	0.319978	-3.12522	0.0358282	0.293182	-3.41085	0.000273332	0.0499935	-20.0026
cg16184008	TMEM217;TMEM217	0.0204612	0.045281	0.31686	-3.15597	0.955604	1.02825	1.02825	0.0160878	0.229003	-4.36675	0.00491147	0.154894	-6.45602	0.00588422	0.164706	-6.07143
cg15890292	TMEM217;TMEM217;TBC1D22B	5.74E-05	9.27E-05	0.378069	-2.64502	0.00471852	1.68792	1.68792	0.153711	1.23736	1.23736	0.889097	0.980732	-1.01965	1.53E-05	3.48439	3.48439
cg08713367	TMEM217;TMEM217;TBC1D22B;TMEM217	0.000282509	0.736333	0.956768	-1.04519	0.936106	0.98957	-1.01054	0.846084	0.974905	-1.02574	0.546044	0.923211	-1.08318	0.00684452	1.58098	1.58098
cg19317871	TMEM217;TMEM217;TBC1D22B;TMEM217	0.00690065	0.797556	1.03677	1.03677	0.743969	0.955005	-1.04712	0.321105	1.15489	1.15489	0.290315	0.857129	-1.16669	0.00119075	1.94925	1.94925
cg11883892	TMEM218	0.00355957	0.131926	0.641402	-1.55908	0.000652284	0.239962	-4.16733	0.00100314	0.263474	-3.79544	0.200444	1.44678	1.44678	0.0133376	0.43291	-2.30995
cg01167029	TMEM218	0.00586446	0.490707	1.27937	1.27937	0.00300411	0.238821	-4.18724	0.000794499	0.168058	-5.95033	0.916999	0.963977	-1.03737	0.642437	1.17887	1.17887
cg26294458	TMEM218	0.0249921	0.00182221	2.22107	2.22107	0.0460214	1.50954	1.50954	0.151965	0.7585	-1.31839	0.209173	1.26922	1.26922	0.0361773	1.55075	1.55075
cg00760474	TMEM218;TMEM218	0.00496973	0.0137058	0.652978	-1.53144	0.000605444	0.477472	-2.09436	0.016686	0.664566	-1.50474	0.139255	0.800503	-1.24921	0.14772	0.804784	-1.24257
cg24297421	TMEM218;TMEM218	0.0181249	0.794963	1.02811	1.02811	0.108109	0.829789	-1.20513	0.899406	1.01355	1.01355	0.00568257	1.47124	1.47124	0.263625	1.13205	1.13205
cg06926254	TMEM219;TMEM219	1.43E-05	0.000201148	0.531442	-1.88167	0.65853	0.955932	-1.0461	0.00114489	1.62336	1.62336	1.22E-06	3.55755	3.55755	0.0181382	0.74771	-1.33742
cg01583866	TMEM219;TMEM219	8.58E-05	0.00411975	0.616997	-1.62075	0.181257	0.83684	-1.19497	0.0718219	1.2869	1.2869	0.876932	0.980739	-1.01964	0.000751715	0.526493	-1.89936
cg26898567	TMEM220	0.0017594	0.00024807	0.197403	-5.06578	0.558981	0.853423	-1.17175	0.478798	1.21303	1.21303	0.138638	1.53355	1.53355	0.000574504	0.239421	-4.17675
cg08989441	TMEM220	0.00189579	0.09197	0.833017	-1.20046	0.00106554	0.621032	-1.61022	0.00155049	0.638764	-1.56552	0.544426	1.06228	1.06228	0.012475	0.736268	-1.3582
cg11750736	TMEM220	0.00206074	0.00101503	0.240194	-4.16329	0.00223748	0.285801	-3.49893	0.0165225	0.424483	-2.35581	0.0538183	0.526972	-1.89763	0.0151743	0.417791	-2.39354
cg26234644	TMEM220	0.00287142	0.000682226	0.175984	-5.68234	0.00352291	0.26591	-3.76067	0.880614	0.950931	-1.0516	0.0891412	0.533874	-1.8731	0.01335	0.358417	-2.79005
cg00549475	TMEM220	0.0234534	0.00671315	0.112912	-8.85644	0.12555	0.357516	-2.79707	0.316281	0.525813	-1.90182	0.067493	0.280548	-3.56446	0.0029045	0.078914	-12.672
cg06839953	TMEM222	0.00348786	0.0168213	1.32509	1.32509	0.00320028	0.678201	-1.47449	0.0248569	1.29393	1.29393	0.00757073	1.39304	1.39304	0.00394785	1.45373	1.45373
cg14162906	TMEM222	0.00403432	0.0227778	0.356365	-2.80611	0.00134484	0.171424	-5.83349	0.00971512	0.289849	-3.45008	0.0752408	0.472401	-2.11684	0.00176099	0.185062	-5.40361
cg09766323	TMEM222	0.00524619	0.198014	1.31417	1.31417	0.000918193	2.70366	2.70366	0.288907	1.24741	1.24741	0.318542	0.813006	-1.23	0.00492365	0.473295	-2.11285
cg23652939	TMEM222	0.00866548	0.940998	0.991723	-1.00835	0.00532937	1.51016	1.51016	0.187164	1.16997	1.16997	0.0255873	0.742438	-1.34691	0.033239	1.32242	1.32242
cg03347170	TMEM222	0.0116358	0.000378685	0.0916673	-10.909	0.545776	0.77318	-1.29336	0.917589	1.04451	1.04451	0.321431	0.64985	-1.53882	0.765011	0.881501	-1.13443
cg27265272	TMEM222	0.0134595	0.404317	1.24126	1.24126	0.501367	1.18868	1.18868	0.0606939	0.585315	-1.70848	0.268497	1.33898	1.33898	0.0755098	0.605838	-1.65061
cg26272125	TMEM222	0.0227914	0.0294845	0.181979	-5.49515	0.0115103	0.122372	-8.17178	0.0688574	0.258392	-3.87008	0.190709	0.398158	-2.51157	0.0158922	0.140455	-7.11974
cg23658728	TMEM222	0.0340447	0.36965	0.834912	-1.19773	0.0585166	0.657986	-1.51979	0.373645	0.836233	-1.19584	0.474376	1.15313	1.15313	0.0416262	0.631288	-1.58406
cg18021259	TMEM222	0.0356299	0.0106527	0.565528	-1.76826	0.472359	1.13855	1.13855	0.408898	1.16176	1.16176	0.636298	0.918918	-1.08824	0.913587	1.01946	1.01946
cg17215215	TMEM222;TMEM222	0.0124528	0.0528592	0.673623	-1.48451	0.0228232	0.613187	-1.63082	0.240563	1.24682	1.24682	0.00446552	0.506194	-1.97553	0.0215653	0.60927	-1.64131
cg25007572	TMEM223	0.000430655	0.286697	0.863731	-1.15777	0.344949	0.879145	-1.13747	0.126978	1.24429	1.24429	0.457778	0.904728	-1.1053	0.173888	1.21114	1.21114
cg18527899	TMEM223	0.027488	0.165905	0.779231	-1.28332	0.015808	1.64735	1.64735	0.0183148	1.62152	1.62152	0.0488396	0.683999	-1.46199	0.146119	0.768429	-1.30136
cg22790986	TMEM225	0.00604774	0.589765	1.15439	1.15439	0.681456	1.11501	1.11501	0.0744276	0.592006	-1.68917	0.687252	0.898756	-1.11265	0.732805	0.913581	-1.09459
cg03221590	TMEM225;TMEM225	0.0207904	0.156683	0.784282	-1.27505	0.113678	0.75876	-1.31794	0.107133	0.754195	-1.32592	0.0627966	1.39904	1.39904	0.113583	0.758695	-1.31805
cg10655258	TMEM229A	0.00130613	0.182681	0.903571	-1.10672	0.207406	0.909074	-1.10002	0.154424	0.896457	-1.1155	0.106867	0.881415	-1.13454	0.0002562	0.649407	-1.53987
cg19760898	TMEM229A	0.00616674	0.495154	0.912598	-1.09577	0.15606	1.22186	1.22186	0.00603789	1.60576	1.60576	0.257859	0.855642	-1.16871	0.361263	1.13193	1.13193
cg06692537	TMEM229A	0.0106057	0.116394	0.900714	-1.11023	0.112671	1.11164	1.11164	0.1114	0.899177	-1.11213	0.927121	1.00562	1.00562	0.0139281	0.830126	-1.20464
cg01426853	TMEM229A	0.0170314	0.445674	0.837573	-1.19393	0.166566	0.714422	-1.39973	0.270234	0.769711	-1.29919	0.0618717	0.619148	-1.61512	0.0106398	0.480818	-2.07979
cg15731053	TMEM229A	0.0292797	0.444356	0.79568	-1.25679	0.00173095	0.269844	-3.70585	0.0224638	0.448698	-2.22867	0.0890227	1.73282	1.73282	0.717588	0.899006	-1.11234
cg00531453	TMEM229A	0.041322	0.779742	1.13043	1.13043	0.00834811	0.229005	-4.36672	0.196761	0.550563	-1.81632	0.0253097	3.19906	3.19906	0.0815972	0.429965	-2.32577
cg14198221	TMEM229B	0.00197054	0.00395887	0.443934	-2.25259	0.829069	1.04635	1.04635	0.000564937	0.326366	-3.06404	0.243568	1.29134	1.29134	0.0261123	0.575149	-1.73868
cg23499616	TMEM229B	0.0187184	0.854853	1.02018	1.02018	0.0116088	0.708714	-1.41101	0.122266	0.83297	-1.20052	0.0279719	0.75326	-1.32756	0.00194236	0.619787	-1.61346
cg03045764	TMEM229B	0.0221952	0.829311	0.950457	-1.05213	0.00227311	0.366147	-2.73114	0.0202845	0.517565	-1.93213	0.0702239	0.621061	-1.61015	0.426706	0.826125	-1.21047
cg05373119	TMEM229B	0.0324682	0.726835	1.05534	1.05534	0.419286	0.88097	-1.13511	0.544316	0.910065	-1.09882	0.628792	0.927921	-1.07768	0.955955	1.00852	1.00852
cg08106190	TMEM229B	0.0399747	0.0970205	0.671402	-1.48942	0.951845	0.986878	-1.0133	0.859044	0.961865	-1.03965	0.901033	0.973155	-1.02759	0.626869	1.11311	1.11311
cg07188220	TMEM229B	0.0416141	0.114806	0.56591	-1.76706	0.321673	1.4048	1.4048	0.923565	1.03237	1.03237	0.11868	1.75472	1.75472	0.00363913	0.270891	-3.69153
cg10188299	TMEM229B	0.0486238	0.905139	1.03124	1.03124	0.266153	1.34842	1.34842	0.0479162	1.79224	1.79224	0.236093	1.37757	1.37757	0.846711	1.0512	1.0512
cg17883067	TMEM22;TMEM22;TMEM22	0.00759032	0.591448	1.04592	1.04592	0.155482	1.13422	1.13422	0.0332934	1.22893	1.22893	0.89808	1.01068	1.01068	?	?	?
cg13383019	TMEM22;TMEM22;TMEM22	0.0141336	0.0214588	0.393697	-2.54002	0.00580079	0.295459	-3.38457	0.0455984	0.461448	-2.16709	0.131646	1.73166	1.73166	0.278732	0.683875	-1.46225
cg10258419	TMEM22;TMEM22;TMEM22	0.0162737	0.062541	0.619738	-1.61358	0.0789574	0.64064	-1.56094	0.441397	1.19626	1.19626	0.262229	0.765787	-1.30585	0.368613	0.809941	-1.23466
cg25836094	TMEM22;TMEM22;TMEM22	0.0329818	0.172911	1.55068	1.55068	0.228772	0.682469	-1.46527	0.148638	1.5977	1.5977	0.213013	1.48688	1.48688	0.242117	1.44816	1.44816
cg13621410	TMEM22;TMEM22;TMEM22	0.0367606	0.399622	0.809111	-1.23592	0.0256318	1.918	1.918	0.332327	0.782174	-1.27849	0.0871944	1.59031	1.59031	0.305786	1.29756	1.29756
cg26111761	TMEM22;TMEM22;TMEM22;TMEM22;TMEM22	0.00426564	0.361091	0.820647	-1.21855	0.0358407	1.67216	1.67216	0.00300989	2.35465	2.35465	0.181854	0.742035	-1.34765	0.29355	0.795016	-1.25784
cg22304507	TMEM22;TMEM22;TMEM22;TMEM22;TMEM22	3.58E-05	0.468792	1.08569	1.08569	0.000255869	0.510849	-1.95753	0.129828	0.833159	-1.20025	0.222917	1.15357	1.15357	0.659226	1.05075	1.05075
cg01372083	TMEM231;TMEM231;TMEM231	0.000347148	0.0002183	0.345771	-2.89209	0.00626939	0.541418	-1.847	0.774801	0.951782	-1.05066	0.0161694	1.66014	1.66014	4.68E-05	0.266291	-3.75529
cg05373161	TMEM231;TMEM231;TMEM231	0.00128865	0.920317	1.01725	1.01725	0.760061	0.948995	-1.05375	0.513962	0.893044	-1.11977	0.109884	0.742419	-1.34695	2.76E-05	0.243713	-4.10319
cg06995565	TMEM231;TMEM231;TMEM231	0.00662089	0.019611	0.838195	-1.19304	0.445767	1.04985	1.04985	0.00222325	1.30764	1.30764	0.0427627	0.864174	-1.15717	0.0343753	0.856861	-1.16705
cg26618874	TMEM231;TMEM231;TMEM231	0.0105081	0.229543	0.628112	-1.59207	0.000677317	0.147142	-6.79617	0.278809	0.660116	-1.51489	0.633407	0.837589	-1.1939	0.0182011	0.347325	-2.87915
cg08447479	TMEM231;TMEM231;TMEM231	0.0238562	0.619555	1.11254	1.11254	0.697118	0.920039	-1.08691	0.0219927	1.79572	1.79572	0.615756	1.11385	1.11385	0.111181	0.690914	-1.44736
cg27089754	TMEM231;TMEM231;TMEM231;TMEM231	0.023089	0.838069	0.936441	-1.06787	0.122428	1.71119	1.71119	0.373702	1.3405	1.3405	0.591002	1.19017	1.19017	0.780713	0.914332	-1.09369
cg21933091	TMEM232	1.25E-05	0.000141786	1.71172	1.71172	0.000202627	0.600308	-1.66581	1.13E-06	0.355079	-2.81627	0.530782	0.949334	-1.05337	0.000149823	0.586704	-1.70444
cg06012959	TMEM232	0.000425523	6.88E-05	0.347889	-2.87448	0.00447732	0.57694	-1.73328	0.0129828	0.63931	-1.56419	0.45845	1.11578	1.11578	6.08E-05	0.341484	-2.9284
cg23479034	TMEM232	0.000694813	0.313686	0.826144	-1.21044	0.38496	0.849371	-1.17734	0.00023254	0.326494	-3.06285	0.279907	0.813932	-1.2286	0.000244158	0.329122	-3.03839
cg08403296	TMEM232	0.00517394	0.167393	0.450468	-2.21991	0.675763	0.796179	-1.256	0.00898266	0.165243	-6.05168	0.129538	0.411691	-2.429	0.00176768	0.089534	-11.1689
cg25259944	TMEM232	0.00719549	0.0327237	0.290413	-3.44337	0.0106705	0.204245	-4.89607	0.135476	0.45102	-2.21719	0.418819	0.664443	-1.50502	?	?	?
cg06429214	TMEM232	0.00934624	0.109205	0.283186	-3.53124	0.0437406	0.187414	-5.33578	0.440936	1.7641	1.7641	0.664337	0.729519	-1.37077	0.0452591	0.190305	-5.25472
cg17248924	TMEM232	0.00951882	0.0217595	0.163254	-6.12541	0.0353612	0.19939	-5.01529	0.578847	1.44626	1.44626	0.739616	0.80292	-1.24545	0.0341469	0.196556	-5.08761
cg11641395	TMEM232	0.0145752	0.543908	0.811443	-1.23237	0.136053	0.579059	-1.72694	0.713131	0.881968	-1.13383	0.855413	1.06401	1.06401	0.0464411	0.46033	-2.17235
cg19526166	TMEM232	0.0266998	0.0488181	0.230395	-4.34037	0.0989637	0.307208	-3.25512	0.819733	1.16059	1.16059	0.504846	0.64306	-1.55507	0.034232	0.199511	-5.01226
cg06414816	TMEM232	0.0276512	0.0987753	0.305524	-3.27307	0.328319	0.516374	-1.93658	0.835002	0.872296	-1.1464	0.618511	0.719753	-1.38936	0.0295512	0.186675	-5.35691
cg23279021	TMEM232;TMEM232	0.0060184	0.0470591	0.272599	-3.66839	0.0132005	0.172565	-5.79492	0.810617	1.14716	1.14716	0.993893	1.00439	1.00439	0.0589844	0.29537	-3.38558
cg10312447	TMEM233	9.67E-06	0.00032238	0.332981	-3.00318	0.0273679	0.610582	-1.63778	0.629276	0.912161	-1.0963	0.853115	1.03565	1.03565	1.80E-06	0.105494	-9.47919
cg12584590	TMEM233	4.04E-05	0.601933	0.927142	-1.07858	0.0313027	0.695498	-1.43782	0.0617198	0.738994	-1.35319	0.635687	1.071	1.071	0.173165	0.81193	-1.23163
cg08618021	TMEM233	8.81E-05	0.0488581	0.774666	-1.29088	0.949806	1.00717	1.00717	0.027948	0.744692	-1.34284	?	?	?	0.72154	0.960193	-1.04146
cg06926703	TMEM233	0.000333995	0.0287217	0.404122	-2.4745	0.000671084	0.160865	-6.21638	0.0100131	0.319247	-3.13237	0.215976	0.632998	-1.57978	0.000601385	0.155903	-6.41423
cg19083909	TMEM233	0.00429215	0.0265058	0.360975	-2.77027	0.00215445	0.188454	-5.30634	0.0155615	0.316855	-3.15601	0.851344	1.07538	1.07538	0.0023029	0.192022	-5.20774
cg02544031	TMEM233	0.014475	0.0133313	0.190609	-5.24633	0.0101844	0.17346	-5.76503	0.137428	0.421082	-2.37484	0.222973	0.500415	-1.99834	0.00475684	0.131768	-7.58909
cg26094897	TMEM233	0.0290781	0.481591	0.905174	-1.10476	0.327006	0.868548	-1.15135	0.0424689	1.38461	1.38461	0.378491	0.881751	-1.13411	0.223488	0.83683	-1.19499
cg23326785	TMEM25;TMEM25;TMEM25;TMEM25;TMEM25;TTC36;TMEM25	0.00415388	0.000335685	0.448849	-2.22792	0.289119	0.858625	-1.16465	0.219603	0.836262	-1.1958	0.0397428	0.719388	-1.39007	0.0489909	0.732453	-1.36528
cg21718229	TMEM25;TMEM25;TMEM25;TTC36;TMEM25;TMEM25;TMEM25	4.34E-05	0.0119152	0.646348	-1.54715	0.00413822	0.585878	-1.70684	0.0142103	1.52294	1.52294	0.000321556	0.445127	-2.24655	0.000291198	0.439791	-2.27381
cg15855384	TMEM25;TMEM25;TMEM25;TTC36;TMEM25;TMEM25;TMEM25	0.00804486	0.343937	0.777759	-1.28575	0.451055	1.21893	1.21893	0.692549	0.902619	-1.10789	0.130362	1.52377	1.52377	0.00559648	0.391449	-2.55461
cg03237606	TMEM26	0.00430502	0.674466	1.14066	1.14066	0.155407	0.622748	-1.60579	0.0543637	0.506553	-1.97413	0.537125	1.21494	1.21494	0.167003	0.631935	-1.58244
cg19133443	TMEM26	0.017412	0.159639	0.53042	-1.8853	0.025138	3.0767	3.0767	0.157851	0.528779	-1.89115	0.0310133	0.343549	-2.91079	0.0649168	0.41701	-2.39803
cg00606880	TMEM26	0.0246124	0.926551	0.97394	-1.02676	0.00200842	3.48485	3.48485	0.833645	1.06208	1.06208	0.823419	1.0661	1.0661	0.327862	0.748832	-1.33541
cg26296364	TMEM26	0.0394967	0.143824	0.633909	-1.57751	0.385313	0.772326	-1.29479	0.623897	0.866365	-1.15425	0.166655	0.651798	-1.53422	0.27379	0.718522	-1.39175
cg02461363	TMEM26	0.0491554	0.677728	0.898687	-1.11273	0.0414734	0.548273	-1.82391	0.537801	0.852599	-1.17288	0.752386	0.922284	-1.08426	0.458686	0.824591	-1.21272
cg09135551	TMEM26;TMEM26	0.020168	0.73202	1.03406	1.03406	0.00142332	0.637774	-1.56795	0.499478	0.935379	-1.06909	0.426695	1.0823	1.0823	0.00840283	0.720325	-1.38826
cg18192919	TMEM26;TMEM26	0.0470138	0.338437	1.51969	1.51969	0.241792	1.68139	1.68139	0.337793	1.52059	1.52059	0.841658	0.918666	-1.08853	0.493609	0.74464	-1.34293
cg05779963	TMEM27	5.87E-08	1.94E-06	0.398287	-2.51075	4.79E-08	0.22687	-4.40781	4.26E-07	0.325849	-3.06891	7.86E-07	0.354972	-2.81712	3.60E-05	0.536733	-1.86312
cg12134159	TMEM27	0.000121327	0.00580076	2.45324	2.45324	0.453361	0.827217	-1.20887	0.0983066	1.56871	1.56871	0.00126853	0.311032	-3.2151	0.592889	0.874573	-1.14342
cg26062907	TMEM27	0.00037502	0.57216	1.15051	1.15051	0.000356996	0.244779	-4.08531	0.00514269	0.403455	-2.47859	0.0205713	0.503996	-1.98414	0.088572	0.630363	-1.58639
cg13876499	TMEM27	0.00459608	0.905164	1.03281	1.03281	0.0068857	0.387673	-2.57949	0.00416039	0.353338	-2.83015	0.0334223	0.510083	-1.96047	0.00244725	0.319242	-3.13242
cg11336696	TMEM27	0.0108038	0.00654868	0.113795	-8.78777	0.00149018	0.0596876	-16.7539	0.0585591	0.268509	-3.72427	0.131851	0.367594	-2.72039	0.0356735	0.222166	-4.50115
cg27087885	TMEM27	0.0179572	0.0514085	1.95076	1.95076	0.0117357	0.387317	-2.58186	0.198076	0.663746	-1.5066	0.17406	0.646822	-1.54602	0.00989432	0.374578	-2.66967
cg20473453	TMEM27;TMEM27	0.00354498	0.787221	1.07907	1.07907	0.765366	0.919264	-1.08783	0.0104844	0.40412	-2.47452	0.00148724	0.275589	-3.62859	0.147563	0.645941	-1.54813
cg03358216	TMEM2;TMEM2	0.0172663	0.542045	1.05472	1.05472	0.517904	0.94499	-1.05821	0.366801	0.923094	-1.08331	0.268327	1.10464	1.10464	0.229612	1.11495	1.11495
cg07679695	TMEM2;TMEM2	0.0186655	0.273496	0.823393	-1.21449	0.00157745	2.16808	2.16808	0.195994	1.26259	1.26259	0.506121	0.891333	-1.12191	0.238587	0.810194	-1.23427
cg11558474	TMEM2;TMEM2	0.0271844	0.173658	0.682653	-1.46487	0.122296	1.55527	1.55527	0.495525	0.833173	-1.20023	0.0626109	0.575449	-1.73777	0.0421634	0.539357	-1.85406
cg14565465	TMEM2;TMEM2	0.0271886	0.0428835	0.354498	-2.82089	0.238663	0.577413	-1.73186	0.201058	0.548316	-1.82376	0.0737213	0.411826	-2.42821	0.100375	0.448876	-2.22779
cg14094447	TMEM2;TMEM2;TMEM2;TMEM2	0.0371957	0.0275105	1.91491	1.91491	0.461361	0.829543	-1.20548	0.53946	0.856566	-1.16745	0.419933	1.22796	1.22796	0.0469619	0.567395	-1.76244
cg22807305	TMEM30A;TMEM30A	0.000782658	0.000390604	0.53091	-1.88356	0.0483583	0.776724	-1.28746	0.000633519	1.80043	1.80043	0.0122553	0.705054	-1.41833	0.14858	0.840676	-1.18952
cg18086819	TMEM30A;TMEM30A	0.00152337	0.00335932	0.432653	-2.31132	0.442479	0.848377	-1.17872	0.866637	1.03592	1.03592	0.825234	1.04753	1.04753	0.000621822	0.331043	-3.02076
cg19148395	TMEM30A;TMEM30A	0.00278956	0.733728	0.943669	-1.05969	0.010559	0.579134	-1.72672	0.000173941	0.338892	-2.95079	0.261822	1.21981	1.21981	0.331032	0.843403	-1.18567
cg08251064	TMEM30A;TMEM30A	0.00655808	0.932058	0.981057	-1.01931	0.00753335	2.16247	2.16247	0.000379227	3.57336	3.57336	0.267204	1.29596	1.29596	0.199995	1.3548	1.3548
cg16714432	TMEM30A;TMEM30A	0.0120234	0.779783	0.912062	-1.09642	0.39197	1.33377	1.33377	0.201239	1.55773	1.55773	0.0626989	0.502684	-1.98932	0.141138	0.594685	-1.68156
cg20527647	TMEM30A;TMEM30A	0.0124077	0.000131838	0.126305	-7.91734	0.752012	0.905849	-1.10394	0.893985	0.959263	-1.04247	0.194747	0.65191	-1.53395	0.97443	1.01005	1.01005

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22803285	0.0441276	0.242124	-4.13012	0.00477387	0.100507	-9.94953	0.0290639	0.206443	-4.84394	0.0903356	0.318353	-3.14117	3.67188	21.8729	5.29499	1
cg07205901	0.00681254	1.23346	1.23346	4.15E-07	2.36782	2.36782	0.0259917	0.853715	-1.17135	0.962951	0.997224	-1.00278	109.459	6.21013	0.0504309	1
cg25507767	0.0124554	3.10385	3.10385	0.296785	1.48292	1.48292	0.0046561	3.93835	3.93835	0.0232136	2.68675	2.68675	5.99771	12.6022	1.8677	1
cg26349773	0.231384	1.63596	1.63596	0.931726	0.966959	-1.03417	0.00253833	5.16901	5.16901	0.0141643	3.27691	3.27691	5.80802	14.1432	2.16455	1
cg24798540	0.367112	0.745688	-1.34104	0.13379	1.66892	1.66892	0.0118195	2.70646	2.70646	0.0218779	2.38987	2.38987	5.70437	9.06317	1.41228	1
cg17802552	0.604953	0.904884	-1.10511	0.961009	1.00941	1.00941	0.0225579	0.592644	-1.68735	0.0828431	0.692211	-1.44465	4.74846	2.75886	0.516445	1
cg20297907	0.105969	0.828059	-1.20764	0.00168167	0.6189	-1.61577	0.0439058	0.780791	-1.28075	0.0112654	0.712328	-1.40385	8.84694	1.59979	0.160737	1
cg20313392	0.455238	0.855165	-1.16936	0.00857802	1.99317	1.99317	0.146339	1.37819	1.37819	0.393832	1.19683	1.19683	7.2421	4.85408	0.595785	1
cg03042537	0.0693976	1.60643	1.60643	0.000705692	0.299779	-3.33579	0.880439	0.965486	-1.03575	0.725293	1.08581	1.08581	5.06169	4.36564	0.766656	1
cg06742800	0.0626578	0.773246	-1.29325	0.00219946	0.590382	-1.69382	0.643435	0.944384	-1.05889	0.13099	1.22162	1.22162	3.77149	0.900121	0.212146	1
cg03857186	0.139621	0.862373	-1.15959	0.593388	0.951039	-1.05148	0.956973	0.994987	-1.00504	0.102728	1.18093	1.18093	3.64376	0.5007	0.122145	1
cg13509517	0.721527	0.870949	-1.14817	0.0308567	0.375765	-2.66124	0.000116596	13.5514	13.5514	0.958793	0.980249	-1.02015	6.947	16.3999	2.09842	1
cg14279416	0.0725276	0.402162	-2.48656	0.0216839	0.285639	-3.50092	0.204237	0.543857	-1.83872	0.01927	0.276123	-3.62157	5.92591	19.3956	2.90935	1
cg00736523	0.640864	0.930162	-1.07508	0.96161	0.99261	-1.00744	0.026116	1.50191	1.50191	0.820822	1.03558	1.03558	4.02781	1.51478	0.334294	1
cg11308840	0.594074	1.10697	1.10697	0.0378313	0.634443	-1.57619	0.1114	1.38765	1.38765	0.0121363	1.80522	1.80522	4.06529	2.29828	0.502526	1
cg21116783	0.0100575	0.625613	-1.59843	0.0121706	0.636901	-1.5701	1.98E-07	9.84388	9.84388	0.332883	1.15514	1.15514	37.3871	12.3441	0.293484	1
cg06956048	0.329809	0.73144	-1.36717	0.00306633	0.28341	-3.52846	7.04E-06	21.992	21.992	0.00992576	2.7535	2.7535	21.6293	33.1286	1.36147	1
cg20208600	0.0046096	3.48852	3.48852	0.00279226	0.255199	-3.91851	0.000849382	5.26877	5.26877	0.00657654	3.22074	3.22074	14.2123	24.7211	1.54615	1
cg10489124	0.00273251	3.19507	3.19507	0.0155309	0.434537	-2.3013	0.000345722	5.03717	5.03717	0.066987	1.77998	1.77998	12.4145	15.5054	1.1102	1
cg05042743	0.00795989	3.1648	3.1648	0.0137073	0.356241	-2.80709	0.000658194	5.85466	5.85466	0.0427273	2.20322	2.20322	9.7048	17.6255	1.61437	1
cg17322667	0.00380464	3.42856	3.42856	0.0275311	0.439182	-2.27696	0.000827595	4.9014	4.9014	0.23425	1.48237	1.48237	9.52276	15.0309	1.40304	1
cg13344470	0.557025	1.11268	1.11268	0.82025	1.04176	1.04176	0.307522	0.827045	-1.20912	0.00708442	0.534976	-1.86924	4.73889	2.42561	0.454979	1
cg03271965	0.951228	0.99112	-1.00896	1.74E-06	0.17495	-5.71592	2.02E-08	21.996	21.996	0.29559	1.17135	1.17135	79.1432	26.6514	0.299333	1
cg07537876	0.737992	0.918271	-1.089	0.0141771	0.463664	-2.15674	3.05E-06	16.776	16.776	0.662826	0.894562	-1.11787	21.5946	22.0596	0.90803	1
cg24449148	0.783545	1.24136	1.24136	0.53095	0.607541	-1.64598	0.000456171	76.3392	76.3392	0.92948	1.07197	1.07197	3.87139	37.7996	8.67895	1
cg21780428	0.334436	0.834747	-1.19797	2.14E-06	0.121128	-8.25571	6.76E-05	0.266213	-3.75639	0.00123084	0.424226	-2.35723	32.1466	16.7621	0.463491	1
cg25374230	0.0272963	0.765513	-1.30631	0.001596	0.629147	-1.58945	0.630872	0.951676	-1.05078	0.362396	1.10051	1.10051	7.18879	1.1917	0.147353	1
cg22874560	0.439968	1.12121	1.12121	0.000702213	0.472118	-2.11812	0.696634	1.05857	1.05857	0.0973302	1.30253	1.30253	5.22815	1.74743	0.297097	1
cg07303923	0.28481	1.27827	1.27827	0.00330791	0.41308	-2.42084	0.50307	1.16204	1.16204	0.00322108	0.411373	-2.43089	11.4979	8.89216	0.687442	1
cg06392574	0.117856	0.426051	-2.34713	0.0122439	0.208488	-4.79645	0.00246724	0.120631	-8.28977	0.00799915	0.181291	-5.516	7.4994	29.9806	3.55355	1
cg16184008	0.286136	0.574453	-1.74079	0.0272116	0.270358	-3.6988	0.0900508	0.3926	-2.54712	0.0249525	0.26311	-3.80069	4.66822	18.5153	3.52556	1
cg15890292	0.00515003	0.597404	-1.67391	0.000292759	0.439094	-2.27742	0.146012	0.804425	-1.24312	0.573932	0.923837	-1.08244	25.6674	7.90426	0.273732	1
cg08713367	0.516087	1.08992	1.08992	3.75E-06	0.243424	-4.10807	0.923779	0.987563	-1.01259	0.580033	1.07583	1.07583	16.7226	4.5294	0.24076	1
cg19317871	0.0410773	1.39254	1.39254	0.000846863	2.02335	2.02335	0.960084	1.00706	1.00706	0.028242	1.43895	1.43895	6.64466	2.07679	0.277822	1
cg11883892	0.150265	0.656286	-1.52373	0.0597967	1.78615	1.78615	0.676241	0.891635	-1.12153	0.721908	0.907011	-1.10252	8.13261	9.60713	1.05005	1
cg01167029	0.932022	0.970421	-1.03048	0.0126028	2.97943	2.97943	0.687227	1.15309	1.15309	0.3027	1.45608	1.45608	6.98824	13.7088	1.74372	1
cg26294458	0.211413	0.788903	-1.26758	0.479817	1.13811	1.13811	0.925085	0.983204	-1.01708	0.603101	1.09908	1.09908	4.35771	2.23856	0.456624	1
cg00760474	0.636866	1.06875	1.06875	0.0125902	1.54319	1.54319	0.402966	1.12713	1.12713	0.216991	0.833903	-1.19918	7.35221	2.27677	0.275264	1
cg24297421	0.153017	1.17689	1.17689	0.00146533	1.63053	1.63053	0.823592	0.976516	-1.02405	0.146731	1.18031	1.18031	4.8638	0.872644	0.159481	1
cg06926254	0.0274553	0.767751	-1.3025	0.000185789	0.527534	-1.89561	0.0335028	1.28621	1.28621	0.260573	0.887893	-1.12626	36.961	6.01061	0.144551	1
cg01583866	5.59E-06	0.276301	-3.61924	4.12E-05	0.374982	-2.66679	0.738106	1.04301	1.04301	0.00971525	0.663307	-1.5076	23.0675	5.75419	0.221733	1
cg26898567	0.922452	1.02646	1.02646	0.0773735	0.590602	-1.69319	0.741486	1.09285	1.09285	0.00290734	0.333664	-2.99703	10.0078	11.4028	1.0128	1
cg08989441	0.0141905	1.34716	1.34716	0.00462471	0.689972	-1.44933	0.112397	1.18557	1.18557	0.732363	0.966757	-1.03439	9.79323	1.50447	0.136554	1
cg11750736	0.746869	0.909591	-1.09939	0.0026633	0.296504	-3.37264	0.000358594	0.187227	-5.34111	0.00974467	0.384225	-2.60264	9.55817	12.9603	1.20528	1
cg26234644	0.0177796	0.381068	-2.6242	0.00470074	0.284312	-3.51727	0.000780429	0.182461	-5.48061	0.0166429	0.375748	-2.66136	8.67007	15.3891	1.57775	1
cg00549475	0.0900392	0.313732	-3.18744	0.00842969	0.124021	-8.06315	0.1984	0.430287	-2.32403	0.0487865	0.247543	-4.0397	4.45475	27.1585	5.41915	1
cg06839953	0.00456769	1.43967	1.43967	0.399681	1.08675	1.08675	0.397527	1.08718	1.08718	0.417576	1.08322	1.08322	8.18231	1.2066	0.131079	1
cg14162906	0.0212996	0.350709	-2.85137	0.00178193	0.185676	-5.38572	0.00391113	0.229841	-4.35084	0.0587699	0.44567	-2.24381	7.83229	17.7798	2.01783	1
cg09766323	0.223624	1.29272	1.29272	0.00947216	0.516757	-1.93515	0.747896	1.0669	1.0669	0.97537	1.00622	1.00622	7.23155	4.61836	0.567681	1
cg23652939	0.362965	1.11069	1.11069	0.00354423	0.64159	-1.55863	0.353056	1.11326	1.11326	0.299544	0.88628	-1.12831	6.18618	1.23527	0.177495	1
cg03347170	0.454637	0.72582	-1.37775	0.0100506	0.254873	-3.92353	0.124059	2.01529	2.01529	0.707625	1.17178	1.17178	5.62943	15.7843	2.49235	1
cg27265272	0.380122	1.25613	1.25613	0.000475441	0.249158	-4.01351	0.175179	0.694068	-1.44078	0.380707	0.796333	-1.25576	5.3688	5.45479	0.903127	1
cg26272125	0.0241918	0.167595	-5.96677	0.00307234	0.0676222	-14.788	0.0642355	0.251068	-3.98298	0.0660881	0.254039	-3.93641	4.49896	31.4754	6.2188	1
cg23658728	0.380396	1.19268	1.19268	0.670646	0.919641	-1.08738	0.444618	0.858463	-1.16487	0.00127784	0.398568	-2.50898	3.90599	2.37248	0.539908	1
cg18021259	0.00840933	0.550188	-1.81756	0.505835	1.12732	1.12732	0.500512	1.12906	1.12906	0.044137	1.50758	1.50758	3.84222	1.91757	0.443626	1
cg17215215	0.0310749	0.634839	-1.5752	0.0139261	0.579605	-1.72531	0.819552	1.04188	1.04188	0.20919	1.26827	1.26827	5.50682	2.81137	0.453799	1
cg25007572	0.00810579	1.56659	1.56659	8.00E-06	0.274283	-3.64587	0.846765	1.02595	1.02595	0.547769	1.08388	1.08388	14.8936	4.13581	0.246837	1
cg18527899	0.315844	0.839387	-1.19135	0.32746	0.843108	-1.18609	0.336261	1.18221	1.18221	0.146043	1.30143	1.30143	4.21507	1.90273	0.401254	1
cg22790986	7.42E-05	0.149734	-6.6785	0.602652	1.14858	1.14858	0.487601	0.83027	-1.20443	0.979098	1.00693	1.00693	6.9222	7.62663	0.979346	1
cg03221590	0.108278	1.32449	1.32449	0.00360189	1.88167	1.88167	0.380788	0.865719	-1.15511	0.637025	0.926596	-1.07922	4.6429	1.89181	0.362191	1
cg10655258	0.520526	1.04781	1.04781	0.0310397	0.833998	-1.19904	0.377079	0.937075	-1.06715	0.000306697	1.52244	1.52244	10.9044	0.88797	0.0723844	1
cg19760898	0.178586	0.828032	-1.20768	0.0414737	0.733115	-1.36404	0.0130795	1.50147	1.50147	0.00148915	1.83112	1.83112	6.88064	1.89998	0.245452	1
cg06692537	0.00152826	0.756093	-1.32259	0.102303	1.11581	1.11581	0.0545082	0.874854	-1.14305	0.282643	1.07082	1.07082	5.80024	0.345063	0.0528811	1
cg01426853	0.00142832	0.349345	-2.8625	0.0551733	1.64156	1.64156	0.963087	1.01061	1.01061	0.280076	0.774137	-1.29176	4.96641	4.08879	0.731811	1
cg15731053	0.743267	0.908158	-1.10113	0.803056	0.929373	-1.07599	0.161322	0.645026	-1.55032	0.445094	1.2563	1.2563	4.12221	5.60924	1.20954	1
cg00531453	0.280857	0.612525	-1.63259	0.422519	0.698886	-1.43085	0.0747673	0.419814	-2.38201	0.513575	1.33605	1.33605	3.6392	11.0221	2.69219	1
cg14198221	0.0423615	1.6322	1.6322	0.000694058	0.33804	-2.95823	0.625544	0.902072	-1.10856	0.213082	0.759743	-1.31624	9.68366	6.73455	0.618182	1
cg23499616	0.0583859	0.791844	-1.26287	0.609286	0.945302	-1.05786	0.00851676	0.693236	-1.44251	0.42426	0.914798	-1.09314	4.81127	0.907395	0.167642	1
cg03045764	0.0658505	0.615234	-1.6254	0.0694068	1.61291	1.61291	0.954933	0.986787	-1.01339	0.095453	0.649799	-1.53894	4.54016	3.98296	0.779799	1
cg05373119	0.0936437	1.32729	1.32729	0.000789167	2.17937	2.17937	0.506437	1.10907	1.10907	0.402347	0.876675	-1.14067	3.97315	1.48402	0.332011	1
cg08106190	0.010828	2.01373	2.01373	0.0112859	2.00192	2.00192	0.232622	0.760504	-1.31492	0.127214	0.697143	-1.43443	3.684	2.79129	0.673494	1
cg07188220	0.616231	1.18266	1.18266	0.150381	1.66827	1.66827	0.444638	1.29525	1.29525	0.168315	1.62806	1.62806	3.62972	6.33593	1.55162	1
cg10188299	0.0087961	2.36494	2.36494	0.00435273	2.67223	2.67223	0.0727424	1.67614	1.67614	0.599487	1.1465	1.1465	3.4242	3.6099	0.937093	1
cg17883067	0.000208321	1.67246	1.67246	0.28529	0.91214	-1.09632	0.710888	0.96962	-1.03133	0.102925	1.15932	1.15932	6.58275	0.636299	0.0966616	1
cg13383019	0.0694031	1.98437	1.98437	0.0281559	2.39804	2.39804	0.870377	1.05665	1.05665	0.855187	1.06358	1.06358	5.28336	9.52491	1.6025	1
cg10258419	0.909135	0.974275	-1.0264	0.718851	0.920792	-1.08602	0.000937705	3.08594	3.08594	0.101074	0.663729	-1.50664	5.04244	4.16134	0.733567	1
cg25836094	0.00547772	3.01852	3.01852	0.0469962	0.502748	-1.98907	0.366929	0.755522	-1.32359	0.183944	0.652891	-1.53165	3.95083	5.72449	1.28794	1
cg13621410	0.0679769	1.65227	1.65227	0.0270163	0.525615	-1.90253	0.0432545	1.77031	1.77031	0.564111	0.866553	-1.154	3.79884	3.63068	0.849541	1
cg26111761	0.000241437	3.59193	3.59193	0.948982	0.986618	-1.01356	0.301351	1.25289	1.25289	0.441264	1.17978	1.17978	7.70151	5.40669	0.624027	1
cg22304507	5.09E-06	3.18208	3.18208	2.84E-05	0.399414	-2.50367	0.11891	0.827957	-1.20779	0.0660798	0.794548	-1.25858	29.0753	5.72964	0.175166	1
cg01372083	0.518997	0.893479	-1.11922	0.000702155	0.410619	-2.43535	0.592949	0.911228	-1.09742	0.0643744	0.699066	-1.43048	15.8047	7.42955	0.417853	1
cg05373161	0.00353526	0.508744	-1.96562	0.00213663	0.478407	-2.09027	0.356528	0.850379	-1.17595	0.171112	0.779536	-1.28282	10.9465	5.06393	0.411205	1
cg06995565	0.289613	1.07122	1.07122	0.163498	0.911115	-1.09756	0.0440307	1.15586	1.15586	0.0700212	1.13519	1.13519	6.73075	0.417676	0.0551599	1
cg26618874	0.0202244	0.355978	-2.80916	0.00931962	0.296248	-3.37555	0.00804438	0.285846	-3.49839	0.113818	0.53017	-1.88619	5.81748	12.535	1.91529	1
cg08447479	0.795308	0.946112	-1.05696	0.00181819	0.388895	-2.57139	0.419619	1.19209	1.19209	0.114016	0.693273	-1.44243	4.4286	3.18434	0.639146	1
cg27089754	0.707856	1.12841	1.12841	0.000496796	0.173951	-5.74875	0.755185	1.10559	1.10559	0.629001	1.1691	1.1691	4.47889	7.30549	1.44986	1
cg21933091	0.00562427	0.742576	-1.34666	0.231625	1.1082	1.1082	0.0155873	0.784389	-1.27488	0.000264849	0.612273	-1.63326	38.2943	4.06685	0.0944	1
cg06012959	0.452809	1.11738	1.11738	0.0831104	0.756982	-1.32103	0.320972	1.16044	1.16044	0.0250891	0.679314	-1.47207	14.943	4.98353	0.296448	1
cg23479034	0.0134323	0.570619	-1.75248	0.000124283	0.293433	-3.40793	0.0968651	0.716037	-1.39657	0.00229363	0.457836	-2.18419	13.0381	6.9368	0.472926	1
cg08403296	0.222138	0.498938	-2.00426	0.000263535	0.0388253	-25.7564	0.50106	1.44781	1.44781	0.52601	0.705977	-1.41648	7.2623	33.7722	4.13364	1
cg25259944	0.974727	0.984446	-1.0158	0.00487973	0.157796	-6.33729	0.00557658	6.05868	6.05868	0.276561	1.75077	1.75077	6.69445	23.0793	3.44753	1
cg06429214	0.307934	2.14321	2.14321	0.0404937	0.181039	-5.52368	0.0011045	32.2571	32.2571	0.216594	2.5579	2.5579	6.03949	49.9072	7.34531	1
cg17248924	0.399733	1.7635	1.7635	0.0188926	0.153943	-6.49592	0.00353314	13.4973	13.4973	0.181626	2.54244	2.54244	6.00441	41.1831	6.09672	1
cg11641395	0.901678	1.04293	1.04293	0.0272608	0.411213	-2.43183	0.00113296	5.09903	5.09903	0.209378	1.56835	1.56835	5.23009	9.58295	1.62869	1
cg19526166	0.424191	1.70323	1.70323	0.0462612	0.225428	-4.436	0.00890516	8.77098	8.77098	0.262484	2.14316	2.14316	4.25832	28.7097	5.99291	1
cg06414816	0.946804	1.04468	1.04468	0.00972314	0.117376	-8.51961	0.00903634	8.79184	8.79184	0.436193	1.68262	1.68262	4.2063	28.5859	6.04086	1
cg23279021	0.229126	2.05803	2.05803	0.00358036	0.104731	-9.54827	0.00334515	9.81213	9.81213	0.223353	2.07857	2.07857	6.9326	35.9109	4.60445	1
cg10312447	0.00186566	0.434232	-2.30291	2.09E-05	0.197577	-5.06131	9.04E-06	0.162598	-6.15014	6.44E-06	0.149437	-6.69176	40.9194	23.1515	0.502917	1
cg12584590	0.275279	1.17721	1.17721	3.69E-07	0.122266	-8.17888	0.016369	0.655864	-1.52471	0.00296779	0.556481	-1.79701	28.1645	9.21628	0.290872	1
cg08618021	0.874112	0.982164	-1.01816	0.0341593	0.755353	-1.32388	1.82E-06	3.85367	3.85367	0.304343	1.12834	1.12834	23.4896	4.26051	0.181379	1
cg06926703	0.0063779	0.287471	-3.47861	1.22E-05	0.0390322	-25.6199	0.00161229	0.204342	-4.89374	0.0130318	0.338986	-2.94998	15.9732	31.1992	1.73619	1
cg19083909	0.123908	0.524398	-1.90695	0.000476755	0.119477	-8.36981	0.697913	0.85976	-1.16312	0.101053	0.498742	-2.00504	7.68708	18.2715	2.11281	1
cg02544031	0.0330453	0.259878	-3.84796	0.00261479	0.105043	-9.51994	0.103764	0.382203	-2.61641	0.0252036	0.237147	-4.2168	5.242	24.2667	4.11492	1
cg26094897	0.0698528	0.754015	-1.32623	0.893848	1.01877	1.01877	0.00378333	1.72314	1.72314	0.119261	1.2655	1.2655	4.1323	1.26956	0.273093	1
cg23326785	0.00459072	1.68649	1.68649	0.240976	0.843636	-1.18535	0.254013	0.847896	-1.17939	0.0429024	0.72414	-1.38095	7.76356	2.3593	0.270128	1
cg21718229	2.31E-05	0.308162	-3.24504	0.00212848	1.82267	1.82267	0.0880792	0.769707	-1.2992	0.000551227	2.10833	2.10833	27.6366	8.46442	0.272245	1
cg15855384	0.000309784	0.221149	-4.52183	0.867023	0.957716	-1.04415	0.234211	0.725066	-1.37918	0.21731	0.715602	-1.39742	6.33299	6.66642	0.935688	1
cg03237606	0.86827	1.05307	1.05307	0.00186984	0.252976	-3.95294	0.000526173	5.38174	5.38174	0.599964	1.17923	1.17923	7.68012	11.8057	1.36638	1
cg19133443	0.0184026	0.299146	-3.34285	0.0043053	0.19974	-5.00652	0.507155	0.752803	-1.32837	0.120211	0.49103	-2.03654	4.92979	13.9016	2.50659	1
cg00606880	0.536638	1.19625	1.19625	0.0207063	0.45036	-2.22044	0.0400351	1.97313	1.97313	0.424102	1.26338	1.26338	4.38095	5.69066	1.15463	1
cg26296364	0.578345	0.849617	-1.177	0.116299	0.609338	-1.64113	0.00211592	3.50526	3.50526	0.916012	0.969844	-1.03109	3.70034	4.93765	1.18611	1
cg02461363	0.67691	0.898426	-1.11306	0.0185413	0.481988	-2.07474	0.0126729	2.2078	2.2078	0.197539	1.41648	1.41648	3.41012	3.52872	0.919803	1
cg09135551	0.220684	0.882081	-1.13368	0.2377	0.886445	-1.1281	0.951022	0.994032	-1.006	0.13355	1.17081	1.17081	4.69121	0.70557	0.133691	1
cg18192919	0.998916	0.999424	-1.00058	0.615343	0.806647	-1.2397	0.0037732	5.24767	5.24767	0.0081423	4.20624	4.20624	3.46803	9.87994	2.53232	1
cg05779963	0.000108249	0.58681	-1.70413	3.53E-09	0.126893	-7.88064	0.110366	1.1456	1.1456	0.139252	0.8831	-1.13238	150.554	14.5524	0.0859189	1
cg12134159	0.00489535	2.52452	2.52452	5.00E-05	0.151147	-6.61607	0.000674065	3.63711	3.63711	0.00117054	0.306314	-3.26462	21.0229	20.5331	0.86818	1
cg26062907	0.000480477	0.260412	-3.84008	2.76E-05	0.131387	-7.61108	0.262255	1.33259	1.33259	0.184642	0.707791	-1.41285	15.4726	14.7844	0.849349	1
cg13876499	0.000470902	0.225768	-4.42933	0.0384711	0.522323	-1.91453	0.302222	0.748652	-1.33573	0.140411	0.650792	-1.53659	7.52927	8.74809	1.03278	1
cg11336696	0.0444827	0.241731	-4.13683	0.00241512	0.0742905	-13.4607	0.134537	0.370536	-2.69879	0.0371674	0.225682	-4.43101	5.76583	34.5737	5.33005	1
cg27087885	0.004771	0.323402	-3.09212	0.350071	0.74841	-1.33617	0.70962	1.11929	1.11929	0.286908	0.716644	-1.39539	4.87903	7.01478	1.27799	1
cg20473453	0.000159892	0.162939	-6.13726	0.0691462	0.564419	-1.77173	0.840552	1.05829	1.05829	0.800871	0.931384	-1.07367	8.14262	10.2021	1.11372	1
cg03358216	0.616753	1.04451	1.04451	0.000408176	0.615897	-1.62365	0.1997	0.889637	-1.12405	0.505924	1.05999	1.05999	4.94369	0.583318	0.104882	1
cg07679695	0.896462	1.02245	1.02245	0.741819	1.05799	1.05799	0.0051281	1.87851	1.87851	0.650532	1.08087	1.08087	4.81587	2.2178	0.40935	1
cg11558474	0.170513	1.46952	1.46952	0.329463	1.30399	1.30399	0.00359656	0.353562	-2.82836	0.2472	0.726802	-1.37589	4.23154	4.66145	0.979197	1
cg14565465	0.0247802	0.304449	-3.28463	0.00168251	0.135593	-7.37503	0.441087	1.41849	1.41849	0.05137	0.372635	-2.68359	4.23131	13.2712	2.78792	1
cg14094447	0.0376679	0.54835	-1.82365	0.584176	0.871329	-1.14767	0.608139	1.13755	1.13755	0.0155357	2.0951	2.0951	3.78258	3.72058	0.87432	1
cg22807305	0.0251799	0.742144	-1.34745	0.00147222	0.598028	-1.67216	0.0160321	0.718799	-1.39121	0.11495	0.825311	-1.21166	12.6096	2.50557	0.176625	1
cg18086819	0.065693	0.648115	-1.54294	8.96E-05	0.22948	-4.35768	0.615492	1.11219	1.11219	0.066577	0.649248	-1.54024	10.433	7.28519	0.620695	1
cg19148395	0.87359	1.02741	1.02741	0.337123	1.18299	1.18299	0.021199	0.624708	-1.60075	0.0023658	0.486755	-2.05442	8.74463	3.9935	0.405937	1
cg08251064	0.206498	0.741677	-1.3483	0.0545126	0.613079	-1.63111	0.671012	0.908619	-1.10057	0.194475	1.36049	1.36049	6.75071	5.3784	0.708192	1
cg16714432	0.000305268	0.145695	-6.86367	0.0857478	0.535997	-1.86568	0.968746	1.01295	1.01295	0.4197	0.762809	-1.31094	5.56997	9.51314	1.51816	1
cg20527647	0.989302	0.995826	-1.00419	0.650241	0.867285	-1.15302	0.217346	0.667081	-1.49907	0.860768	0.94671	-1.05629	5.51332	8.49606	1.36978	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1377 vs. N)	Fold-Change(1 vs.1377)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	S5(Test)	S5(Error)	F(Error
cg22277887	TMEM30A;TMEM30A	0.0155547	0.771968	1.08385	0.183635	0.0243374	0.719066	-1.39069	0.056213	1.80438	1.30438	0.102843	1.24244	1.24244	0.0414772	1.13499	1.13499	0.785301	1.03413	1.03413	0.00709817	0.653275	-1.53333	0.714383	0.959315	-1.04612	0.0302822	1.36751	5.11876	1.22429	0.212602	1
cg20068209	TMEM30A;TMEM30A	0.0232259	0.0140791	1.2936	-3.40493	0.015986	0.303498	-3.29492	0.156457	0.541836	-1.84558	0.28955	0.641205	-1.55956	0.0147254	2.217314	-4.60163	0.300852	0.648317	-1.54246	0.00365358	0.204082	-4.9	0.43937	0.727007	-1.3755	0.096189	0.477823	-2.09283	4.46976	11.569	2.30069	1
cg20662060	TMEM30A;TMEM30A	0.0298778	0.3313356	1.19631	1.19631	0.31441	0.830229	-1.20449	0.866408	1.03057	1.03057	0.204632	1.27045	1.27045	0.102371	1.17669	1.17669	0.897733	0.977266	-1.02326	0.000831935	2.45889	2.45889	0.237491	0.801467	-1.24771	0.7083311	1.06952	1.06952	4.09276	2.073112	0.450253	1
cg15304125	TMEM30A;TMEM30A	0.0371904	0.0136443	1.2875	-3.47816	0.0197468	0.316567	-3.15906	0.250778	0.632453	-1.63278	0.838288	0.919901	-1.08707	0.02675	1.942232	-2.922	0.075628	0.445756	-2.24318	0.00476938	0.216351	-4.62212	0.687631	0.847777	-1.17955	0.6074414	0.809186	-1.23581	3.78278	10.0006	2.34997	1
cg11887083	TMEM30A;TMEM30A	0.0430466	0.409496	0.83879	-1.19264	0.772866	0.94135	-1.0623	0.98877	1.00294	1.00294	0.810281	1.05151	1.05151	0.000605343	0.3314493	-3.01665	0.990737	0.997578	-1.00243	0.964085	0.99064	-1.00945	0.694198	1.08603	1.08603	0.3727353	0.826044	-1.21059	3.58644	2.47611	0.614044	1
cg04373359	TMEM30B	0.0470922	0.0331278	7.21957	7.21957	0.0285977	7.76492	-1.76492	0.921527	0.924783	-1.08134	0.663235	0.706302	-1.41583	0.0437572	6.29121	6.29121	0.537203	1.64189	1.64189	0.456805	0.548119	-1.82442	0.0144802	0.92327	1.08327	0.0334055	7.18983	7.18983	3.46586	34.5703	8.86624	1
cg15891218	TMEM30B;TMEM30B	0.00321716	0.0156794	4.62397	4.62397	0.00341647	7.81992	-7.81992	0.481091	1.44808	1.44808	0.236432	1.88904	1.88904	0.0103101	5.31754	5.31754	0.755048	0.850612	-1.17562	0.00160903	0.0964755	-10.3653	0.0122661	0.51653	0.51653	0.0432287	3.32743	3.32743	3.38208	35.4811	3.76264	1
cg11001769	TMEM30B;TMEM30B	0.0110894	0.0892615	1.71507	1.71507	0.0261678	2.13724	-2.13724	0.111275	1.64774	1.64774	0.137825	1.33747	1.33747	0.0234021	2.17946	2.17946	0.0948205	0.337337	-2.9644	0.00182005	0.12655	-7.90016	0.0681808	1.80328	1.80328	0.571758	7.504899	1.16675	1
cg01084740	TMEM30B;TMEM30B	0.0348248	0.0384017	5.17443	5.17443	0.0444021	4.8643	-4.8643	0.660768	1.34564	1.34564	0.430641	0.576281	-1.73526	0.0385804	5.1642	5.1642	0.1694805	0.366862	-2.72582	0.0124601	0.405084	-2.46862	0.0405316	0.75229	0.75229	0.0246457	0.25519	3.87416	28.8054	6.60912	1
cg01835384	TMEM30B;TMEM30B	0.0373514	0.295817	0.468048	-2.13653	0.0139778	0.119347	-8.37894	0.20725	0.394011	-2.538	0.117748	0.304324	-3.28598	0.0619778	0.229514	-4.35702	0.0269707	0.159721	-6.26093	0.00289784	0.0568438	-17.5921	0.301784	0.389092	-2.57008	0.0477659	0.204927	-4.87978	3.77682	29.3355	6.90422	1
cg01546243	TMEM30B;TMEM30B	0.0434875	0.261957	2.2097	2.2097	0.0304734	2.51575	-2.51575	0.988767	1.00989	1.00989	0.110093	1.31872	1.31872	0.0205137	1.19142	1.19142	0.3505947	0.504409	-1.98252	0.1887272	0.1062	-9.41625	0.0003116	0.160284	0.160284	0.0056193	13.3037	13.3037	3.56473	28.6155	7.13547	1
cg10749808	TMEM30B;TMEM30B	0.0446857	0.106337	2.43883	2.43883	0.164353	2.11714	-2.11714	0.412269	0.654558	-1.52775	0.300247	0.581189	-1.72061	0.0236376	3.9176	3.9176	0.118974	0.425087	-2.35246	0.0694678	0.79144	-1.26394	0.0389879	0.34685	0.34685	0.0727402	0.25123	2.57123	3.53479	14.3075	3.5979	1
cg10081403	TMEM30B;TMEM30B	0.0471429	0.0435024	7.64154	7.64154	0.0267893	22.4283	-22.4283	0.4205	2.06611	2.06611	0.4354	2.01242	2.01242	0.0502308	7.1088	7.1088	0.2489284	0.2489284	-4.01662	0.0502308	0.7088	-2.33153	0.0266217	0.10645	0.10645	0.0448682	7.56287	7.56287	3.46445	42.3743	10.8722	1
cg20843202	TMEM30C;TMEM30C	0.0342538	0.0067681	2.408069	-2.45057	0.0356199	0.344178	-2.90547	0.113659	0.472061	-2.11836	0.636231	0.807309	-1.23868	0.00371059	0.180921	-5.52726	0.484383	0.731522	-1.36329	0.00668308	0.21558	-4.63865	0.0520212	0.383173	-2.6221	0.628594	0.808511	-1.23684	3.89737	11.7391	2.67738	1
cg06073355	TMEM30C;TMEM30C	0.0434488	0.0249202	2.046535	-4.05622	0.86025	1.09687	-1.09687	0.408884	1.55793	1.55793	0.340242	0.439021	-2.2778	0.359535	0.573426	-1.74391	0.0384355	0.171212	-5.84072	0.595509	1.32459	-1.32453	0.042343	0.65126	-1.53548	0.0105518	0.184908	-5.4081	2.83702	15.5726	3.8752	1
cg25899756	TMEM51;GLRA4	0.0175089	0.0147629	0.770673	-1.29707	0.812681	1.02089	-1.02089	0.167966	0.883187	-1.16508	0.0977566	1.17094	1.17094	0.0022884	1.564784	-1.065	0.0008146	0.0008146	-1.22763	0.0008146	0.0008146	-1.84442	0.0144802	0.92327	1.08327	0.0334055	7.18983	7.18983	3.46586	34.5703	8.86624	1
cg25806704	TMEM33	0.00104914	0.00053329	0.0728375	-13.7292	0.00438736	0.157475	-6.3502	0.00855114	0.195908	-5.10445	0.053269	0.344071	-2.90637	0.000413503	0.0656705	-15.2275	0.0175918	0.245715	-4.06976	0.000244453	0.0525667	-19.0234	0.0021011	0.122197	-8.18348	0.0643092	0.364211	-2.74566	11.6074	43.4031	3.32378	1
cg19227560	TMEM33	0.00420685	0.0800805	1.22509	1.22509	0.0200210251	1.91134	-1.91134	0.464185	1.08097	1.08097	0.0738161	0.811987	-1.23155	0.029566	1.01943	1.01943	0.62705	1.05251	1.05251	0.00758217	0.698415	-1.43181	0.413188	1.09137	1.09137	0.259327	1.13387	1.13387	7.73389	1.33795	0.153777	1
cg14906103	TMEM33	0.00537927	0.00542764	1.118813	-8.47458	0.0154569	0.17732	-5.63953	0.0480723	0.269543	-3.70999	0.251976	0.4982	-2.00723	0.001155932	0.0667064	-14.9911	0.0894208	0.336102	-2.97529	0.000623244	0.0466877	-21.4189	0.0120153	0.163175	-6.13074	0.167032	0.424147	-2.35767	7.17626	38.5272	4.77218	1
cg07207957	TMEM33	0.0425242	0.6060099	0.887419	-1.12686	0.0478637	1.68087	1.68087	0.0376176	1.73962	1.73962	0.453826	1.19144	1.19144	0.515244	0.859445	-1.16354	0.3439955	0.799495	-1.25079	0.0065024	0.4439997	-2.25227	0.270702	0.768542	-1.30116	0.420868	0.827975	-1.20777	3.60071	3.00529	0.741901	1
cg04016546	TMEM33;TMEM33	0.00828534	0.0843516	0.89154	-1.17434	0.7605272	0.974602	-1.02606	0.000200373	1.69114	1.69114	0.121504	1.15177	1.15177	0.000295873	0.709356	-1.40973	0.7119001	0.969482	-1.03148	0.0024554	0.6804215	-1.47012	0.0455757	0.824509	-1.21284	0.0308072	1.23797	1.23797	12.409	1.39235	0.0997371	1
cg00217444	TMEM33;TMEM33	0.0171114	0.154129	0.881198	-1.13482	0.0349054	0.813336	-1.2295	0.0133175	0.770774	-1.2974	0.197612	0.893441	-1.11927	0.0106945	0.8638555	-1.1576	0.0067295	0.0742778	-13.5084	0.0014404	0.0648349	-14.9622	0.145096	0.872284	-1.13858	0.476844	1.06129	1.06129	0.549249	0.578962	0.0811463	1
cg27450975	TMEM35;TMEM35	0.00053283	0.1509664	0.738862	-1.35343	0.0085119	0.464885	-2.14186	0.00375965	0.463724	-2.1545	0.535156	1.13133	1.13133	0.256-05	0.204521	-4.88947	0.2392045	0.784942	-1.27398	0.00334752	0.220995	-4.52483	0.0974661	0.10158	0.10158	0.0148972	1.12653	1.12653	0.614422	8.58503	0.543443	1
cg18453720	TMEM35	0.00176431	0.0104939	0.914705	-1.09325	8.00E-05	0.290485	-3.44252	0.0118732	0.579811	-1.7247	0.980473	0.995762	-1.00426	0.0129494	0.585475	1.70802	0.0066334	1.84322	1.84322	0.996545	0.999249	-1.00075	0.59504	0.911095	-1.09758	0.559063	0.902545	-1.10798	9.99968	4.77024	0.424035	1
cg02953041	TMEM35	0.00369967	0.449767	1.25192	1.25192	0.0166905	0.426348	-2.3455	0.0287863	0.471287	-2.12185	0.0547432	0.344478	-2.90294	0.000146546	0.195316	-5.11991	0.154516	1.55988	1.55988	0.152734	1.56333	1.56333	0.285885	1.38175	1.38175	0.8902218	1.04111	1.04111	0.41932	10.8368	1.19824	1
cg26605079	TMEM35	0.0729762	0.942946	1.03766	1.03766	0.157143	1.59237	-1.59237	0.310466	1.20186	1.20186	0.116756	1.29406	1.29406	0.0127156	1.77938	1.77938	0.0304456	0.512157	1.95206	0.0104976	0.5388	0.817556	1.22351	1.6526	1.6526	0.0304456	1.51548	0.708051	1.14566	4.48846	6.75446	1.33032	1
cg13340269	TMEM35	0.0454164	0.067551	0.429911	-2.32606	0.00338148	0.193448	-5.16934	0.169938	0.547426	-1.82673	0.447907	0.727017	-1.37548	0.0209267	0.31811	-3.14357	0.0352959	0.364055	-2.74684	0.699547	0.852275	-1.17333	0.62167	1.22756	1.22756	0.849626	0.924747	-1.08138	3.51338	9.45371	2.3918	1
cg20497504	TMEM35	0.0480408	0.0402633	0.706023	-1.41509	0.0298045	0.434876	-2.29919	0.0174211	0.270594	-3.6926	0.0648584	0.440546	-2.26991	0.0013583	0.2894021	-3.45496	0.462318	0.738307	-1.35445	0.00354406	0.3053	-3.27536	0.0017557	0.0107877	0.0107877	0.0017557	1.36	1.36	1.36	1.36	1.36	1
cg09715353	TMEM37	0.0195702	0.0655746	0.942337	3.94237	0.0050858	11.6823	-11.6823	0.0156894	0.714107	7.14107	0.232138	2.2975	2.2975	0.0706151	3.82348	3.82348	0.029764	0.42608	5.46208	0.0642772	0.10565	0.0107888	0.38096	0.83096	0.0460973	4.55918	4.55918	4.39388	0.374708	6.20331	1
cg08076266	TMEM37	0.0283088	0.0614019	4.91319	4.91319	0.0210054	8.13457	8.13457	0.092651	4.04619	4.04619	0.278172	2.34389	2.34389	0.0677921	4.68976	4.68976	0.0349971	6.39666	6.39666	0.00256398	23.5482	23.5482	0.0125922	10.419	10.419	0.118041	3.60395	3.60395	4.17163	37.699	8.03289	1
cg00450015	TMEM37	0.0441317	0.1220606	0.624134	-1.60247	0.0298828	0.526127	-1.8975	0.0104625	0.421201	2.37341	0.144939	-1.83692	0.0717773	0.571392	1.750251	-3.07236	0.2508502	0.714553	-1.39948	0.0119744	0.4470053	-2.23687	0.769138	1.08593	1.08593	0.274221	1.72716	1.3753	3.63953	8.95161	2.13167	1
cg14700792	TMEM38A	0.00433259	0.593606	1.08404	1.08404	0.229604	2.10787	1.20787	0.023669	1.49883	1.49883	0.104157	1.30495	1.30495	0.534162	1.09892	1.09892	0.456418	1.12034	1.12034	0.0102591	0.367753	-2.72102	0.734234	1.05238	1.05238	0.556733	0.9148	1.09314	7.66529	2.72484	0.31598	1
cg16709190	TMEM38A	0.0108881	0.0206554	1.2555	1.2555	0.0109021	1.64088	-1.64088	0.0234828	1.24186	1.24186	0.00375965	0.4637234	-2.15645	0.0187576	1.13133	1.13133	0.256-05	0.204521	-4.88947	0.0104976	0.5388	0.817556	1.22351	1.6526	1.6526	0.0304456	1.51548	0.708051	1.14566	4.48846	6.75446	1.33032	1
cg14519696	TMEM38B	0.0353854	0.471478	0.798761	-1.25194	0.192247	0.654817	-1.52714	0.0077069	0.349865	-2.85824	0.203674	1.50917	1.50917	0.004011 92	0.305452	3.27384	0.72814	0.898484	-1.11299	0.207067	0.664873	-1.50405	0.717958	1.11769	1.11769	0.0953204	0.569981	-1.75444	3.85183	6.74056	1.32475	1
cg08444169	TMEM39A	9.22E-06	0.000179668	2.263737	-3.79166	0.0876578	0.672893	-1.48612	0.000137603	0.250239	-3.99657	0.168681	0.734761	-1.36099	7.13E-06	0.12431	-8.0444	0.0331918	0.59262	-1.68742	3.62E-07	0.0459431	-21.7661	0.00315142	0.42829	-2.33486	4.85E-05	0.200742	-4.98152	0.41371	28.9813	0.621692	1
cg07890553	TMEM39A	0.00875435	0.0102024	1.9905	-1.98344	0.0085119	0.464885	-2.14186	0.00375965	0.463724	-2.1545	0.535156	1.13133	1.13133	0.256-05	0.204521	-4.88947	0.2392045	0.784942	-1.27398	0.00334752	0.220995	-4.52483	0.0974661	0.10158	0.10158	0.0148972	1.12653	1.12653	0.614422	8.58503	0.543443	1
cg12184221	TMEM39A	0.0107469	0.0374044	0.204555	-4.88865	0.00221266	0.0585587	-17.0769	0.044663	0.219916	-4.54719	0.412492	0.57666	-1.73412	0.0089723	0.11266	-8.87627	0.17804	0.390523	-2.56067	0.005015	0.0872303	-11.4639	0.004486	0.0829608	-12.0539	0.0418148	0.214081	-4.67112	5.77564	39.4857	6.07697	1
cg18771126	TMEM39A	0.0144081	0.0849957	0.765171	-1.30677	0.0369237	0.613376	-1.63016	0.0069237	0.336526	-2.97201	0.0665924	0.588595	-1.69868	0.0858275	0.766825	-1.30401	0.0779202	0.757704	-1.32009	0.0127156	0.5388	0.817556	1.22351	1.6526	1.6526	0.0304456	1.51548	0.708051	1.14566	4.48846	6.75446	1.33032	1
cg26519339	TMEM39A	0.0478364	0.038584	0.708406	-1.41162	0.533828	0.913327	-1.0949	0.248837	1.18937	1.18937	0.434749	0.891664	-1.1215	0.7184	0.952849	-1.04948	0.881203	0.978714	-1.02175	0.0467953	0.720729	-1.38748	0.0452203	0.39173	0.39173	0.0229163	1.47918	1.47918	2.44541	-1.12959	0.291425	1
cg14602658	TMEM39A;TMEM39A	0.00498288	0.00790788	0.699246	-1.43011	0.136333	0.844885	-1.18359	0.0135395	0.725473	-1.37841	0.000649204	0.577386	-1.73194	0.00581175	0.684284	-1.46138	0.2378655	0.878228	-1.13866	0.00122419	0.6085088	-1.64336	0.481956	0.92769	-1.07795	0.0783556	0.81435	-1.22797	7.34628	1.28324	0.15527	1
cg06987881	TMEM39B	0.0265063	0.0282	0.706023	-1.41509	0.0298045	0.434876	-2.29919	0.0174211	0.270594	-3.6926	0.0648584	0.588595	-1.69868	0.0858275	0.766825	-1.30401	0.0779202	0.757704	-1.32009	0.0127156	0.5388	0.817556	1.22351	1.6526	1.6526	0.0304456	1.51548	0.708051	1.14566	4.48846	6.75446	1.33032	1
cg09882231	TMEM39B	0.00222554	0.969533	0.889994	-1.01011	0.00010749	0.590824	2.9082	0.00060998	0.360098	3.90098	0.330138	1.53395	1.53395	0.411215	0.801523	-1.24762	0.676465	1.11683	1.11683	0.209271	0.706049	-1.41633	0.6433	0.884454	-1.13064	0.861123	1.04718	1.04718	0.145384	10.2609	0.975941	1
cg09662747	TMEM39B	0.00725983	0.0066169	0.881824	-1.13412	0.0245	0.0585587	-17.0769	0.044663	0.219916	-4.54719	0.412492	0.57666	-1.73412	0.0089723	0.11266	-8.87627	0.17804	0.390523	-2.56067	0.005015	0.0872303	-11.4639	0.004486	0.0829608	-12.0539	0.0418148	0.214081	-4.67112	5.77564	39.4857	6.07697	1
cg09325164	TMEM39B	0.0136888	0.0874683	0.661547	-1.51161	0.00561914	2.21697	-2.21697	0.0185571	1.86863	1.86863	0.0326392	1.72902	1.72902	0.0405551	0.595731	-1.67861	0.204549	1.34071	1.34071	0.305466	0.792635	-1.26161	0.222274	0.755093	-1.32434	0.896953	0.972021	-1.02878	5.33915	4.0558	0.675231	1
cg02076396	TMEM39B	0.0257809	0.0960883	1.484055	1.484055	0.0189611	1.44467	-1.44467	0.0195583	1.82957	1.82957	0.0912568	1.49448	1.49448	0.0234901	2.082014	-2.58578	0.1108517	0.3107	-3.21763	0.0458018	0.1337	-7.48034	0.0493597	1.10659	1.10659	0.0248228	0.81233	-1.1133	4.44379	3.18377	0.6569008	1
cg01779511	TMEM39B	0.0434762	0.148823	1.06863	1.06863	0.100797	1.60943	-1.44837	0.242613	1.28393	1.28393	0.003871	0.975278	-1.02535	0.0170168	1.83948	1.83948	0.0384918	0.996112	-1.0039	0.0277669	0.585021	-1.70948	0.023732	2.7125	2.7125	0.513362	1.14716	1.14716	0.28063	0.598028	1
cg14422488	TMEM39B	0.0462091	0.00400201	0.136039	-7.35085	0.349029	1.64413	1.64413	0.271999	1.80349	1.80349	0.525248	0.717478	-1.39377	0.273063	0.555266	-1.80094	0.0458823	0.307203	-3.25518	0.515432	0.72348	-1.38231	?	?	?	0.303569	1.73251	1.73251	3.54334	13.2686	3.74466	1
cg03534410	TMEM40	0.0163565	0.0153508	0.551205	-1.81402	0.0155119	0.515315	-1.94015	0.0527022	0.606612	-1.6485	?	?	?	?	?	?	0.807284	0.945982	-1.0571	0.536303	1.27169	1.27169	0.265768	0.768343	-1.3015	0.567812	1.141	1.141	5.93088	4.33147	0.726052	1
cg07258715	TMEM40	0.0235565	0.863233	0.882153	-1.13359	0.00974091	0.0741093	-13.4783	0.983521	0.985097	-1.01513	0.471461	1.70884	1.70884	0.0627572	4.9059	4.9059	0.0010092	0.0157896	-63.3227	0.507763	0.6119861	-1.63402	0.275375	0.433061	-2.30914	0.204061	2.70132	2.70132	7.07844	56.4305	5.31477	1
cg19184025	TMEM40	0.0292206	0.0874801	0.584593	-1.71094	0.179884	0.994695	-1.00533	0.956358	1.10809	1.10809	0.129528	1.26798	1.26798	-1.30226	0.0119719	0.612931	-1.63151	0.326533	3.06194	0.0013574	0.2735166	1.04762	0.0154674	0.6698984	-1.49277	0.0076021	0.574028	-1.73935	4.12514	1.69874	0.366046	1
cg15224741	TMEM40	0.00798562	0.0173515	0.454112	-2.2021	0.107772	1.61311	1.61311	0.797071	1.07273	1.07273	0.204024	0.694038	-1.44084	0.532741	0.841851	-1.18786	0.2040417	0.349256	-2.86323	0.0015596	0.2897417	-3.45136	0.108302	1.61175	1.61175	0.1165911	0.628412	-1.59131	6.34974	7.46295	1.94505	1
cg11663481	TMEM41A	0.0109466	0.258114	3.28247	1.28247	0.795278	0.946056	-1.05635	0.00307559	0.425557	-2.34986	0.321661	0.805656	-1.24122	0.00780863	0.342567	-2.91914	0.459785	0.853272	-1.17196	0.790462	1.05775	1.05775	0.175139	1.35528	1.35528	0.972864	1.0072	1.0072	0.74152	0.404193	0.625762	1
cg08855623	TMEM41A	0.0130442	0.130342	1.284715	-1.27531	0.127683	1.22763	1.22763	0.0139371	1.73756	1.73756	0.622451	0.92935	-1.07602	0.0166702	1.49813	1.49813	0.0202699	0.777379	1.28627	0.0150503	1.03585	1.03585	0.0296539	0.87876	-1.13795	0.633134	1.0737	1.0737	0.50744	0.31892	0.341892	1
cg01892655	TMEM41A	0.0252106	0.730991	1.08624	1.08624	0.8516	1.04591	1.04591	0.791887	1.06544	1.06544	0.191079	0.717627	-1.39348	0.112493	0.660904	-1.51308	0.0102469	0.460379	-2.17213	0.00850264	2.23677	2.23677	0.102977	0.652093	-1.53352	0.0470314	0.579904	-1.72442	4.34453	3.95319	0.808821	1
cg02011489	TMEM41A	0.041211	0.737549	1.07695	1.07695	0.394487	1.21195	1.21195	0.234038	1.1565	1.1565	0.95246	0.986945	-1.01323	0.6458018	1.10317	1.10317	0.0206163	1.04233	1.04233	0.419063	0.8336313	-1.1996	0.0008404	0.34491	3.0491	0.0199373	1.50068	1.50068	1.64282	2.80291	0.683942	1
cg07300316	TMEM41A	0.0473393	0.0723993	3.226694	-3.09891	?	?	?	?	0.750988	0.88651	-1.12802	0.01546	0.313167	-3.19318	?	?	0.1347023	1.82625	1.82625	0.0001354	0.1614145	0.922537	1.03747	1.03747	0.1707269	0.572493	1.2125	1.2125	0.513362	1.14716	1.14716	0.57283	1.72477	1
cg04721144	TMEM41B;TMEM41B	4.34E-05	0.1640777	0.90115	-1.10969	1.43E-05	1.88365	1.88365	2.93E-05	1.77578	1.77578	0.0316529	0.838113	-1.19316	0.951814	0.995773	-1.00425	8.98E-05	0.611894	-1.63427	0.320322	0.930546	-1.07464	0.0400279	1.181	1.181	0.258852	1.08608	1.08608	27.6304	2.15035	0.0691781	1
cg19415743	TMEM41B;TMEM41B	0.000400841	0.0053208	1.484055	1.484055	0.118961	1.44467	-1.44467	0.0195583	1.82957	1.82957	0.0912568	1.49448	1.49448	0.0234901	2.082014	-2.58578	0.1108517	0.3107	-3.21763	0.0458018	0.1337	-7.48034	0.0493597	1.10659	1.10659	0.0248228	0.81233	-1.1133	4.44379	3.18377	0.6569008	1
cg19075239	TMEM41B;TMEM41B	0.00047866	?	?	?	2.41E-05	0.0682445	-14.6532	0.258812	1.45631	1.45631	?	?	?	?	?	?	0.0902053	0.551137	-1.81443	0.737113	1.11348	1.11348	0.0288989	2.27495	2.27495	0.653067	1.15531	1.15531	15.8554	17.0427	1.43318	1
cg03012121	TMEM41B;TMEM41B	0.00738514	0.0241281	0.539472	-1.85362	0.0154792	0.342742	-2.91729	0.0234859	0.419353	-2.38435	0.0862261	1.54501	1.54501	0.00931154	0.46903	-2.13206	0.0400778	0.0845145	-11.8343	0.0017271	0.0145743	-68.6903	0.0055047	-1.72371	0.1455241	0.698693	-1.43124	0.0055047	-2.49595	0.0833111	1.12793	1.12793	0.554499	1
cg08757628	TMEM41B;TMEM41B	0.00988585	0.698117	0.847015	-1.18062	0.0472482	2.63032	2.63032	0.242308	1.68421	1.68421	0.00539506	0.21006	-4.76055	0.00417404	0.194901	-5.13082	0.0466077	0.378812	-2.63983	0.0948269	0.4574657	-2.18596	0.276754	1.61917	1.61917	0.0400839	0.363996	-2.74728	5.93235	17.0504	2.55479	1
cg21110646	TMEM41B;TMEM41B	0.0110009	0.584001	0.884017	-1.1312	0.0258335	0.80397	0.80397	0.200898	1.35144	1.35144	0.920816	1.02242	1.02242	0.0440548	0.890169	-1.12338	0.0915683	0.660669	-1.51362	0.00639138	0.3107345	-3.21819	0.216156	1.33668	1.33668	0.2167	1.33617	1.33617	5.73238	4.51267

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22670675	TMEM51;TMEM51;TMEM51;TMEM51	0.0157195	0.0637383	0.415398	-2.40733	0.00092556	0.124295	-8.04536	0.00556905	0.215488	-4.64062	0.308248	0.641126	-1.55976	0.0465043	0.382484	-2.61449
cg26027853	TMEM51;TMEM51;TMEM51;TMEM51	0.0266362	0.358198	1.17967	1.17967	0.187035	1.27708	1.27708	0.291369	0.825742	-1.21103	0.246363	0.808958	-1.23616	0.727381	0.940629	-1.06312
cg07816247	TMEM51;TMEM51;TMEM51;TMEM51	0.0280907	0.0725316	0.368776	-2.71167	0.00164175	0.105982	-9.43556	0.0115374	0.207462	-4.82015	0.452889	0.683384	-1.46331	0.0426064	0.312793	-3.197
cg24835051	TMEM51;TMEM51;TMEM51;TMEM51	0.0361882	0.192993	0.779004	-1.28369	0.273934	1.22922	1.22922	0.775079	0.949392	-1.05331	0.626088	0.914833	-1.0931	0.572485	1.10892	1.10892
cg25908635	TMEM51;TMEM51;TMEM51;TMEM51; C1orf126	0.00932708	0.0102429	0.756477	-1.32192	0.601748	0.95561	-1.04645	0.0167758	1.2862	1.2862	0.00853725	1.3356	1.3356	0.174926	1.13248	1.13248
cg20811856	TMEM51;TMEM51;TMEM51;TMEM51; TMEM51;TMEM51;C1orf126	0.00152531	0.431362	1.08564	1.08564	0.0571188	1.24635	1.24635	0.136219	0.848516	-1.17853	0.0125855	0.727985	-1.37365	0.0224624	0.755979	-1.32279
cg17277729	TMEM51;TMEM51;TMEM51;TMEM51; TMEM51;TMEM51;C1orf126	0.00816196	0.0600336	0.816576	-1.22463	0.0600389	1.22462	1.22462	0.221026	1.13075	1.13075	0.00181352	0.654713	-1.52739	0.478873	0.933548	-1.07118
cg16989443	TMEM52	0.00081912	0.00957302	0.726363	-1.37672	0.910667	1.011	1.011	0.016375	0.751306	-1.33102	0.00128125	1.58019	1.58019	0.171164	0.867628	-1.15257
cg15496744	TMEM52	0.00211725	0.777613	1.05703	1.05703	0.000502918	0.344531	-2.90249	0.242813	0.787079	-1.27052	0.00825763	0.515985	-1.93804	0.00380719	0.465592	-2.14781
cg22536775	TMEM52	0.0169037	0.00933155	0.453587	-2.20465	0.00959417	0.455569	-2.19506	0.0255945	0.529482	-1.88864	0.157892	0.696282	-1.4362	0.00158197	0.337053	-2.96689
cg09859491	TMEM52	0.0180553	0.048961	0.605418	-1.65175	0.31677	0.793717	-1.2599	0.12792	0.692532	-1.44398	0.274932	0.77603	-1.28861	0.00047548	0.293831	-3.40332
cg14180718	TMEM52	0.0219407	0.312137	0.509817	-1.96149	0.8517	1.12748	1.12748	0.643571	1.3485	1.3485	0.784325	1.19234	1.19234	0.000499539	0.0232295	-43.0486
cg01428437	TMEM52	0.023356	0.14161	0.531903	-1.88004	0.0468595	0.402993	-2.48144	0.232889	0.606746	-1.64814	0.557317	1.26752	1.26752	0.00807984	0.257955	-3.87664
cg22718050	TMEM52	0.0269066	0.0374336	12.0054	12.0054	0.0431467	10.9629	10.9629	0.061306	8.75797	8.75797	0.0812245	7.31126	7.31126	0.920368	0.902205	-1.1084
cg04758387	TMEM52	0.0314122	0.00670495	0.354597	-2.8201	0.447804	0.796043	-1.25621	0.388557	0.770628	-1.29764	0.163623	0.64512	-1.5501	0.00201926	0.276889	-3.61155
cg06174563	TMEM52	0.0340266	0.0119112	0.563624	-1.77423	0.0140527	0.574697	-1.74005	0.0884924	0.709409	-1.40962	0.743837	1.06173	1.06173	0.0856149	0.706726	-1.41498
cg10219957	TMEM52	0.0385352	0.37688	0.767173	-1.30349	0.510019	0.822562	-1.21571	0.449373	0.798263	-1.25272	0.881563	1.04454	1.04454	0.00301886	0.304733	-3.28157
cg22865286	TMEM52;TMEM52	7.69E-05	0.0103111	0.786744	-1.27106	0.000807139	1.45516	1.45516	0.279781	1.08695	1.08695	0.000678396	0.680143	-1.47028	0.0002241	0.634023	-1.57723
cg13680954	TMEM52;TMEM52	0.000562592	0.59337	1.14867	1.14867	0.863012	1.04541	1.04541	0.0642471	0.585823	-1.707	0.00765797	0.414143	-2.41462	0.586437	1.15173	1.15173
cg22933028	TMEM53	0.00879226	0.00147422	0.329962	-3.03065	0.00116991	0.316236	-3.16219	0.843643	0.953407	-1.04887	0.94342	0.982996	-1.0173	0.514595	0.852419	-1.17313
cg23614413	TMEM53	0.0133123	0.61982	0.861445	-1.16084	0.6994	0.890733	-1.12267	0.000672241	0.211986	-4.7173	0.179506	0.653653	-1.52986	0.00435589	0.321103	-3.11427
cg14960316	TMEM53	0.0168035	0.0288293	0.432037	-2.31462	0.163051	0.615842	-1.62379	0.00372367	0.279254	-3.58097	0.182471	0.630864	-1.58513	0.00309415	0.267672	-3.73592
cg18315935	TMEM53	0.0261451	0.197441	0.760076	-1.31566	0.0715653	0.666883	-1.49951	0.435772	1.17363	1.17363	0.0411572	0.622273	-1.60701	0.882207	0.970587	-1.0303
cg10808027	TMEM53	0.0411743	0.241884	0.697141	-1.43443	0.383334	1.3012	1.3012	0.00334515	0.308494	-3.24155	0.570547	0.844645	-1.18393	0.00928124	0.378243	-2.6438
cg02890926	TMEM53;C1orf228	0.0139006	0.968455	0.996167	-1.00385	0.00897436	1.38093	1.38093	0.0022186	1.5164	1.5164	0.179686	0.870742	-1.14845	0.511225	0.937333	-1.06686
cg12598340	TMEM54	0.00263369	0.00176082	0.193507	-5.16778	0.0188319	0.350376	-2.85407	0.0189239	0.350775	-2.85083	0.69004	0.862649	-1.15922	0.00233775	0.208891	-4.78718
cg27515201	TMEM54	0.0033	0.00202398	0.315634	-3.16823	0.47874	0.826343	-1.21015	0.0135387	0.445104	-2.24667	0.0828946	1.66302	1.66302	0.00113405	0.281274	-3.55525
cg00040067	TMEM54	0.00533663	0.0141903	0.315342	-3.17116	0.00164781	0.17933	-5.5763	0.202008	0.598194	-1.6717	0.684695	1.16849	1.16849	0.00631565	0.257556	-3.88265
cg00780456	TMEM55A	0.00020858	0.146786	1.41025	1.41025	0.000296464	3.67114	3.67114	0.000926696	2.97953	2.97953	0.000421932	3.4327	3.4327	0.0308377	0.571366	-1.75019
cg18507018	TMEM55A	0.0316279	0.787996	0.93618	-1.06817	0.23649	0.738238	-1.35458	0.847799	0.954075	-1.04814	0.0108929	0.457455	-2.18601	0.25533	1.33717	1.33717
cg04928930	TMEM55B;TMEM55B	0.000870797	0.0625319	0.746292	-1.33996	0.755152	1.04464	1.04464	0.0211032	0.678953	-1.47286	0.650738	0.938352	-1.0657	2.14E-05	0.302924	-3.30116
cg12241299	TMEM55B;TMEM55B	0.00801865	0.947172	0.985253	-1.01497	0.361488	0.810332	-1.23406	0.879449	0.966545	-1.03461	0.489563	0.85438	-1.17044	0.759652	0.933514	-1.07122
cg07513231	TMEM55B;TMEM55B	0.0103925	0.131628	0.734228	-1.36197	0.122893	0.728127	-1.37339	0.0892438	0.700674	-1.4272	0.713206	0.932325	-1.07259	0.468172	1.1504	1.1504
cg08314206	TMEM55B;TMEM55B	0.011616	0.260603	0.883558	-1.13179	0.215568	1.14743	1.14743	0.946642	1.00709	1.00709	0.0126542	0.721071	-1.38683	0.0135895	1.38013	1.38013
cg14353162	TMEM55B;TMEM55B	0.0161032	0.000775124	0.512311	-1.95194	0.222418	1.18362	1.18362	0.83803	1.02728	1.02728	0.141193	0.812173	-1.23126	0.391565	1.12233	1.12233
cg19775898	TMEM55B;TMEM55B	0.022737	?	?	?	0.662958	1.3672	1.3672	0.0844089	3.90176	3.90176	0.899258	0.913629	-1.09454	0.000827941	0.0275781	-36.2606
cg17466535	TMEM55B;TMEM55B;TMEM55B;TMEM55B	0.0164699	0.40217	1.30083	1.30083	0.0231857	0.425897	-2.34798	0.859466	0.947263	-1.05567	0.407051	0.770945	-1.29711	0.211529	0.666612	-1.50012
cg17014627	TMEM56	6.23E-05	0.730598	1.04299	1.04299	0.000438984	1.96672	1.96672	2.41E-05	2.78621	2.78621	0.963772	1.00555	1.00555	0.0794835	0.78894	-1.26752
cg16540768	TMEM56	0.00906972	0.00556874	0.661263	-1.51226	0.0222986	1.3649	1.3649	0.456384	1.08998	1.08998	0.54875	0.933403	-1.07135	0.495547	0.924408	-1.08177
cg16000017	TMEM56	0.00974958	0.343604	0.732546	-1.3651	0.127201	0.590851	-1.69247	0.0060708	0.318857	-3.1362	0.0464989	0.483175	-2.06964	0.00270466	0.266631	-3.75051
cg03582736	TMEM56	0.017868	0.00769914	0.214601	-4.65981	0.00757591	0.213571	-4.68229	0.0449331	0.355462	-2.81324	0.402073	0.680159	-1.47024	0.00916112	0.225954	-4.42567
cg05043032	TMEM56;TMEM56	0.0241535	0.259854	0.857637	-1.16599	0.0278883	0.712117	-1.40426	0.453718	0.905087	-1.10487	0.0958114	0.787396	-1.27001	0.000718131	0.51033	-1.95951
cg08035105	TMEM57	0.000551062	0.470344	0.924673	-1.08146	0.488912	1.07785	1.07785	1.11E-05	2.70897	2.70897	0.0103799	0.708784	-1.41087	0.652154	1.04958	1.04958
cg15640062	TMEM57	0.0198314	0.0837967	1.36893	1.36893	0.339407	0.850782	-1.17539	0.0467062	0.688146	-1.45318	0.0149444	0.611933	-1.63417	0.0159436	1.62312	1.62312
cg22019094	TMEM57;TMEM57	0.00152418	0.00047643	0.406051	-2.46275	0.383695	0.863488	-1.15809	0.000292057	0.378996	-2.63855	0.00799755	0.57205	-1.7481	0.755974	0.950065	-1.05256
cg08388746	TMEM59;C1orf83	0.0069366	0.105561	0.684606	-1.46069	0.255375	0.775331	-1.28977	0.250033	0.772902	-1.29382	0.195951	0.74598	-1.34052	0.000250564	0.274057	-3.64888
cg00772813	TMEM59;C1orf83	0.00745272	0.641265	0.938363	-1.06569	0.658737	0.94152	-1.06211	0.0015996	1.84753	1.84753	0.724621	0.953178	-1.04912	0.0788608	1.30287	1.30287
cg19771975	TMEM59L	0.000881203	0.00116828	0.328487	-3.04426	0.000519914	0.282457	-3.54036	0.00172782	0.351969	-2.84116	0.549401	0.86806	-1.15199	7.10E-05	0.184105	-5.43169
cg11929284	TMEM59L	0.00396971	0.709291	1.0842	1.0842	0.662774	0.909627	-1.09935	0.00663415	0.467391	-2.13954	0.177407	0.733859	-1.36266	8.77E-05	0.219209	-4.56186
cg07379574	TMEM59L	0.0328171	0.014746	0.565294	-1.76899	0.198497	1.2947	1.2947	0.18975	1.30211	1.30211	0.376204	1.18839	1.18839	0.423222	0.856015	-1.1682
cg10192047	TMEM59L	0.0428444	0.0314842	2.59703	2.59703	0.480453	0.762356	-1.31172	0.557874	1.25133	1.25133	0.281351	1.52742	1.52742	0.0359831	2.51656	2.51656
cg09822284	TMEM59L	0.0448389	0.942382	0.989631	-1.01048	0.328732	0.864715	-1.15645	0.622449	1.07419	1.07419	0.626761	0.931774	-1.07322	0.0302994	1.4437	1.4437
cg10389385	TMEM60;PHTF2;PHTF2;TMEM60	7.11E-05	0.128221	0.591353	-1.69104	0.972585	0.989081	-1.01104	0.490451	0.799487	-1.2508	0.974376	1.01031	1.01031	0.322724	1.38588	1.38588
cg00294823	TMEM60;PHTF2;PHTF2;TMEM60	0.00779808	0.15881	1.4677	1.4677	0.339306	0.779199	-1.28337	0.926178	1.02364	1.02364	0.368365	0.79142	-1.26355	0.00118963	0.278941	-3.58498
cg09856066	TMEM60;PHTF2;PHTF2;TMEM60	0.0142167	0.132506	0.815856	-1.22571	0.0077301	1.53569	1.53569	0.023377	1.40445	1.40445	0.537912	0.924784	-1.08133	0.839737	0.974933	-1.02571
cg20685736	TMEM61	0.0152593	0.00588846	0.323917	-3.08721	0.189684	0.647552	-1.54428	0.0278853	0.443594	-2.25431	0.130925	0.600376	-1.66562	0.0055545	0.31994	-3.12558
cg19638175	TMEM61	0.0449348	0.0299619	0.533657	-1.87386	0.0955527	1.56879	1.56879	0.160175	1.44632	1.44632	0.286157	1.31312	1.31312	0.658982	0.89653	-1.11541
cg04986555	TMEM61;TMEM61	0.00328761	0.0288457	3.4177	3.4177	0.00138644	9.11841	9.11841	0.0172098	3.99116	3.99116	0.0885611	2.44952	2.44952	0.0125826	4.39156	4.39156
cg16466278	TMEM62	5.39E-05	9.14E-06	0.420202	-2.37981	0.000300021	0.587847	-1.70112	0.0734949	0.835042	-1.19755	0.84976	0.983014	-1.01728	0.00106603	0.646013	-1.54796
cg19433091	TMEM62	0.00428105	0.0113997	0.335844	-2.97757	0.00720135	3.30377	3.30377	0.00104194	5.32517	5.32517	0.474885	1.28449	1.28449	0.0713491	0.499636	-2.00146
cg12391858	TMEM62	0.0045855	0.1696	0.770804	-1.29735	0.00106537	0.422899	-2.36463	0.00122285	0.430964	-2.32038	0.08545	0.712999	-1.40253	0.00509542	0.517561	-1.93214
cg05701204	TMEM62	0.0128188	0.236325	0.699315	-1.42997	0.00149564	3.74163	3.74163	0.816948	1.06911	1.06911	0.805183	0.931251	-1.07382	0.0063828	0.35951	-2.78156
cg21541406	TMEM62	0.0173084	?	?	?	0.320874	0.749808	-1.33368	0.2885	0.733926	-1.36254	0.00405441	0.338466	-2.95451	?	?	?
cg23332817	TMEM62	0.0174658	0.00885863	0.410762	-2.4345	0.00425378	2.77784	2.77784	0.0197893	2.12023	2.12023	0.244876	1.38385	1.38385	0.882573	0.961296	-1.04026
cg12113132	TMEM62;CCNDBP1;CCNDBP1;CCNDBP1;CCNDBP1	0.00123594	0.36619	0.78326	-1.27671	0.0766161	1.67909	1.67909	0.00844688	2.42277	2.42277	0.000268121	4.82379	4.82379	0.362796	0.781828	-1.27905
cg24685109	TMEM62;CCNDBP1;CCNDBP1;CCNDBP1;CCNDBP1	0.00474412	0.59969	1.07909	1.07909	0.000301785	2.32679	2.32679	0.0632315	1.35022	1.35022	0.0508103	1.37685	1.37685	0.365932	1.14283	1.14283
cg22700715	TMEM63A	0.000628913	0.0609705	1.26334	1.26334	0.0306918	1.32444	1.32444	0.381576	1.10444	1.10444	0.178576	1.17139	1.17139	0.222866	1.15232	1.15232
cg15323828	TMEM63A	0.00119553	0.144657	0.756456	-1.32195	0.457892	1.14415	1.14415	0.0969373	0.722832	-1.38345	2.39E-05	0.222861	-4.48711	0.150847	0.760123	-1.31558
cg05968822	TMEM63A	0.00229223	0.000751195	0.580188	-1.72358	0.116059	1.19947	1.19947	0.000868708	0.587373	-1.70249	0.144236	1.1818	1.1818	0.00509802	0.674246	-1.48314
cg12406822	TMEM63A	0.00231429	0.0606106	1.63162	1.63162	0.0257951	1.84527	1.84527	0.110444	1.49564	1.49564	0.0289836	1.81439	1.81439	0.0769917	0.634398	-1.5763
cg17954482	TMEM63A	0.0206433	0.933864	0.994307	-1.00573	0.111429	1.12668	1.12668	0.00161037	1.36495	1.36495	0.329334	1.07171	1.07171	0.226126	1.09137	1.09137
cg16512458	TMEM63A	0.0232188	0.0749197	1.52719	1.52719	0.108932	1.45239	1.45239	0.17599	0.735544	-1.35954	0.701296	0.921018	-1.08575	0.155191	1.38365	1.38365
cg09940756	TMEM63A	0.0372357	0.556468	0.919313	-1.08777	0.108346	1.28114	1.28114	0.370913	1.13877	1.13877	0.00313833	0.56488	-1.77029	0.366014	0.876902	-1.14038
cg25345767	TMEM63A;TMEM63A	0.00169028	0.626848	0.944972	-1.05823	0.364252	0.897889	-1.11372	0.926815	1.01067	1.01067	0.043434	1.30774	1.30774	0.0879337	0.804477	-1.24304
cg11947985	TMEM63B	9.39E-05	0.00222564	0.48188	-2.07521	0.000644804	2.44032	2.44032	0.000942997	2.3174	2.3174	0.000361856	2.64959	2.64959	0.00501239	0.531158	-1.88268
cg19375627	TMEM63B	0.000600145	0.720695	1.05544	1.05544	0.271579	1.18771	1.18771	0.318435	1.16764	1.16764	0.942013	1.01099	1.01099	0.14719	0.791524	-1.26339
cg04482331	TMEM63B	0.00139364	0.51474	1.31421	1.31421	0.000429145	10.0234	10.0234	0.00389123	4.99182	4.99182	0.0023253	5.80577	5.80577	0.21421	0.582243	-1.7175
cg04194745	TMEM63B	0.00203365	0.685477	0.916953	-1.09057	0.000169319	3.90484	3.90484	0.00111613	2.77959	2.77959	0.650377	1.10204	1.10204	0.123857	0.701272	-1.42598
cg27007197	TMEM63B	0.0123555	0.672219	0.95509	-1.04702	0.573064	0.940369	-1.06341	0.326993	1.11545	1.11545	0.000279193	1.8999	1.8999	0.0825388	0.812514	-1.23075
cg03626648	TMEM63B	0.0133911	0.255269	1.23385	1.23385	0.999596	1.00009	1.00009	0.0186932	0.603948	-1.65577	0.0858869	1.39908	1.39908	0.000760213	0.405428	-2.46653
cg02162453	TMEM63B	0.0174469	0.00728207	0.325309	-3.074	0.103246	0.560899	-1.78285	0.077142	0.528554	-1.89196	0.707304	0.884812	-1.13018	0.00204299	0.244075	-4.0971
cg14155184	TMEM63B	0.0191189	0.255934	0.669422	-1.49383	0.15573	0.598084	-1.67201	0.0249988	0.405536	-2.46587	0.0311118	0.424756	-2.35429	0.00156124	0.214718	-4.65727
cg00507055	TMEM63B	0.0422016	0.046265	0.558492	-1.79054	0.130101	0.661531	-1.51165	0.393571	1.24487	1.24487	0.123112	0.655519	-1.52551	0.72736	0.91626	-1.09139
cg06346993	TMEM63B;MRPL14	0.0075486	0.0485354	0.461731	-2.16576	?	?	?	0.0011822	0.195701	-5.10984	0.479239	0.781411	-1.27974	0.0222688	0.390843	-2.55857
cg13487102	TMEM63C	0.000851349	0.465281	1.38438	1.38438	0.852191	1.08506	1.08506	0.244328	1.70422	1.70422	0.000265216	13.758	13.758	0.649664	0.818605	-1.22159
cg21032058	TMEM63C	0.00209775	0.049872	0.638195	-1.56692	0.0141772	1.83616	1.83616	0.489602	1.15135	1.15135	0.109102	0.704097	-1.42026	0.00540736	0.479422	-2.08585
cg06779847	TMEM63C	0.00914552	0.777288	0.943742	-1.05961	0.260962	1.27047	1.27047	0.132398	1.39313	1.39313	0.222368	0.769629	-1.29933	0.001713	0.40089	-2.49445
cg00929411	TMEM63C	0.0202049	0.737694	1.17848	1.17848	0.123981	2.25678	2.25678	0.105244	2.37462	2.37462	0.0899857	2.49197	2.49197	0.00150181	0.106959	-9.3494
cg08050663	TMEM63C	0.0274111	0.917639	0.979102	-1.02134	0.84499	0.960822	-1.04078	0.308992	0.806565	-1.23983	0.650339	1.09765	1.09765	0.00145769	0.391146	-2.55659
cg05223146	TMEM63C	0.0394361	0.00445005	0.227499	-4.39562	0.0421748	0.401174	-2.49268	0.0400469	2.52417	2.52417	0.841111	0.924667	-1.08147	0.701758	1.162	1.162
cg02965039	TMEM63C;TMEM63C	0.0153872	0.343134	1.1967	1.1967	0.00170763	2.27849	2.27849	0.0709153	1.44917	1.44917	0.370316	1.1843	1.1843	0.0542851	1.49415	1.49415
cg05458554	TMEM64;TMEM64	0.0180656	0.00425031	0.10926	-9.1525	0.00210203	0.081821	-12.2218	0.223667	0.477221	-2.09546	0.261905	0.508163	-1.96787	0.418335	0.619683	-1.61373
cg09417530	TMEM64;TMEM64	0.0275547	0.173748	0.845034	-1.18338	0.224544	1.16001	1.16001	0.192322	1.17416	1.17416	0.69849	0.955722	-1.04633	0.0392472	1.31988	1.31988
ch.8.1852347F	TMEM64;TMEM64	0.0310599	0.0400707	0.507775	-1.96938	0.0144923	0.422972	-2.36422	0.00703655	0.369639	-2.70534	0.00487345	0.344355	-2.90398	0.125228	0.62249	-1.60645
cg08621846	TMEM65	9.25E-06	?	?	?	0.000381566	3.14724	3.14724	0.87664	0.969092	-1.03189	0.000110873	0.378562	-2.64157	0.000126468	0.259586	-3.85229
cg05019854	TMEM65	0.000184901	0.0094076	0.755931	-1.32287	0.462886	0.938464	-1.06557	0.00169482	1.46398	1.46398	0.000281747	0.60379	-1.65621	0.00412266	1.38678	1.38678
cg12635658	TMEM65	0.0149353	0.0022704	0.542233	-1.84423	0.327807	0.865202	-1.1558	0.509325	1.10071	1.10071	0.733702	1.05017	1.05017	0.00433814	0.57901	-1.72709
cg11044263	TMEM65	0.0176277	0.117631	1.16135	1.16135	0.119184	1.1605	1.1605	0.595939	0.953988	-1.04823	0.183525	0.883201	-1.13225	0.00708944	0.736217	-1.35829
cg08451517	TMEM65	0.0362917	0.119144	0.857062	-1.16678	0.298665	1.10323	1.10323	0.530684	0.943724	-1.05963	0.0898959	0.843252	-1.18589	0.708775	1.03481	1.03481
cg14487887	TMEM65;TMEM65	0.034746	0.0880115	1.58482	1.58482	0.0699657	0.609228	-1.64142	0.165939	0.696738	-1.43526	0.00479922	0.400365	-2.49772	0.477736	0.838161	-1.19309
cg10433231	TMEM66	0.000110122	0.188473	1.15961	1.15961	0.00306659	1.53862	1.53862	0.000578043	1.761	1.761	0.273959	0.886048	-1.12861	0.00321745	0.652282	-1.53308
cg23701599	TMEM66	0.00627891	0.225074	0.889722	-1.12395	0.000212143	1.76413	1.76413	0.121517	1.16642	1.16642	0.851427	1.01734	1.01734	0.516928	1.06211	1.06211
cg19691797	TMEM66	0.0072467	0.964847	1.00946	1.00946	0.000138981	4.07871	4.07871	0.706409	1.08417	1.08417	0.190103	1.34494	1.34494	0.475295	1.1677	1.1677
cg07283738	TMEM66	0.0270371	0.0499387	0.829508	-1.20553	0.995932	0.999574	-1.00043	0.491744	0.94329	-1.06012	0.00129727	0.675878	-1.47956	0.245974	1.10677	1.10677
cg25358938	TMEM66	0.0342055	0.0238499	3.01748	3.01748	0.0584213	2.40091	2.40091	0.280573	1.58311	1.58311	0.891912	1.05727	1.05727	0.581917	1.25579	1.25579
cg04002885	TMEM66	0.0381914	0.251138	0.69912	-1.43037	0.673128	1.13504	1.13504	0.346155	1.33592	1.33592	0.750617	0.909203	-1.09986	0.196558	0.665235	-1.50323
cg20001850	TMEM66;TMEM66	0.00191116	0.0016215	0.131314	-7.61533	0.00112534	0.114766	-8.71335	0.940933	1.03188	1.03188	0.000962322	0.108146	-9.24679	0.852537	1.08199	1.08199
cg23868809	TMEM67;TMEM67;TMEM67	0.012153	0.0242432	0.276969	-3.61051	0.00460151	0.164874	-6.06522	0.00971856	0.209448	-4.77446	0.186393	0.511962	-1.95327	0.00729891	0.191369	-5.22552
cg03616030	TMEM67;TMEM67;TMEM67	0.0154694	0.00672754	0.256259	-3.9023	0.277384	0.645522	-1.54913	0.942123	1.02853	1.02853	0.426878	0.730276	-1.36935	0.126274	0.526809	-1.89822
cg03190702	TMEM67;TMEM67;TMEM67	0.0470412	0.394375	0.73594	-1.35881	0.990311	0.995741	-1.00428	0.129867	1.77724	1.77724	0.94385	0.975547	-1.02507	0.199931	1.60948	1.60948
cg25702001	TMEM67;TMEM67;TMEM67	0.0481761	0.0533104	0.56329	-1.77528	0.0564459	0.568543	-1.75888	0.0468816	0.551661	-1.81271	0.00681471	0.399906	-2.50058	0.0751148	0.595609	-1.67895
cg18198743	TMEM68	0.000568159	0.905936	0.991363	-1.00871	0.000719288	0.685442	-1.45891	0.000248307	0.641577	-1.55866	0.00822472	1.28154	1.28154	0.0353867	1.19694	1.19694
cg22525251	TMEM68	0.00919184	0.411952	0.936367	-1.06796	0.00999718	0.774996	-1.29033	0.584185	0.95761	-1.04427	0.0388336	0.829052	-1.2062	0.143421	0.884065	-1.13114
cg12636447	TMEM68	0.0400039	0.0603754	0.635987	-1.57236	0.397383	0.830958	-1.20343	0.109094	1.45263	1.45263	0.184269	0.74011	-1.35115	0.0639118	0.640816	-1.56051
cg21889078	TMEM68	0.046301	0.0432862	0.333884	-2.99505	0.103353	0.431416	-2.31795	0.0623234	0.371532	-2.69155	0.42669	0.681817	-1.46667	0.00279948	0.143158	-6.9853
cg22014737	TMEM68;TGS1	0.0142779	0.0212876	0.612803	-1.63184	0.0128636	0.578984	-1.72716	0.556725	1.11089	1.11089	?	?	?	0.124152	0.744851	-1.34255
cg12044295	TMEM68;TGS1;TGS1	0.000796686	0.250293	0.881249	-1.13475	0.00141871	0.615127	-1.62568	0.342965	1.10828	1.10828	0.0268325	0.75884	-1.3178	0.0469726	0.787201	-1.27032
cg10944437	TMEM68;TGS1;TGS1	0.00179822	0.0122249	1.61849	1.61849	0.00419879	1.8066	1.8066	0.0239382	1.51519	1.51519	0.275683	1.19114	1.19114	0.00803353	1.68845	1.68845
cg21041329	TMEM68;TGS1;TGS1	0.0109097	0.270061	1.19782	1.19782	0.269015	0.834494	-1.19833	0.159502	0.789566	-1.26652	0.935501	0.98736	-1.0128	0.326004	0.852665	-1.17279
cg16760490	TMEM68;TGS1;TGS1	0.0160916	0.763279	0.956505	-1.04547	0.257579	1.18998	1.18998	0.413373	1.13101	1.13101	0.108963	1.2935	1.2935	0.0558407	1.37568	1.37568
cg00765921	TMEM69	0.00285164	0.010773	0.481841	-2.07537	0.011242	2.06232	2.06232	0.00570435	2.28459	2.28459	0.984439	1.00445	1.00445	0.118515	0.679617	-1.47142
cg26254453	TMEM69;GPBP1L1	0.00582172	0.0160372	0.776772	-1.28738	0.0023955	1.43707	1.43707	0.349247	1.08609	1.08609	0.0106888	0.759575	-1.31653	0.0434928	1.22014	1.22014
cg01041367	TMEM70;TMEM70	0.00488307	0.132314	0.767291	-1.30329	0.00289407	1.9502	1.9502	0.194211	1.25107	1.25107	0.527886	1.10994	1.10994	0.541565	1.10604	1.10604
cg08526319	TMEM70;TMEM70	0.00547249	0.141955	1.13401	1.13401	0.35177	0.926516	-1.07931	0.574247	1.04625	1.04625	0.00195017	1.41754	1.41754	0.107661	1.15008	1.15008
cg13434453	TMEM70;TMEM70	0.0269243	0.0980666	0.775608	-1.28931	0.068937	0.752	-1.32979	0.0859044	0.76662	-1.30443	0.916693	0.985455	-1.01476	0.34523	1.14583	1.14583
cg09969748	TMEM70;TMEM70	0.0372839	0.792506	1.10874	1.10874	0.850649	0.928851	-1.0766	0.53373	1.27991	1.27991	0.276846	1.55715	1.55715	0.373255	1.43032	1.43032
cg13259539	TMEM71;TMEM71	0.00207551	0.119931	1.29179	1.29179	0.197928	1.22939	1.22939	0.0244343	0.66571	-1.50215	0.178321	1.24238	1.24238	0.00318279	0.542645	-1.84283
cg12156167	TMEM71;TMEM71	0.0157529	0.772122	0.890601	-1.12284	0.306331	1.52587	1.52587	0.0337162	0.371769	-2.68984	0.0591671	0.427394	-2.33976	0.00106416	0.14511	-6.89134
cg23313885	TMEM71;TMEM71	0.0439944	0.0114558	0.0845861	-11.8223	0.844089	0.857509	-1.16617	0.507887	0.591887	-1.68951	0.206771	0.353619	-2.8279	0.218099	0.363693	-2.74957
cg27159719	TMEM71;TMEM71;TMEM71;TMEM71	0.0193909	0.00814238	0.126806	-7.88609	0.0645879	0.282045	-3.54554	0.00679835	0.117865	-8.48425	0.0174536	0.171322	-5.83695	0.453592	0.627848	-1.59274

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22670675	0.143352	0.515374	-1.94034	0.0168687	0.292634	-3.41724	0.122029	0.493391	-2.02679	0.689552	0.844296	-1.18442	5.10089	14.3534	2.50124	1
cg26027853	0.817448	0.960371	-1.04126	0.000788491	2.42851	2.42851	0.259177	1.22859	1.22859	0.362769	0.849095	-1.17772	4.26188	2.0644	0.430566	1
cg07816247	0.366146	0.629868	-1.58763	0.052785	0.334209	-2.99214	0.95574	1.02802	1.02802	0.856286	0.913698	-1.09445	4.18301	16.4208	3.48942	1
cg24835051	0.121819	1.3553	1.3553	0.00114385	2.3795	2.3795	0.357231	0.84228	-1.18725	0.483752	1.1377	1.1377	3.82059	1.98845	0.462629	1
cg25908635	0.135566	1.14879	1.14879	0.0913481	0.851863	-1.1739	0.282486	1.10109	1.10109	0.0128135	1.30547	1.30547	6.04344	0.711693	0.104678	1
cg20811856	0.073068	0.815023	-1.22696	0.0225913	0.756258	-1.3223	0.00363788	0.668626	-1.4956	8.29E-05	0.484283	-2.06491	10.4292	1.7291	0.147372	1
cg17277729	0.173532	0.870827	-1.14833	0.0456223	1.24473	1.24473	0.0573416	1.22797	1.22797	0.0453074	1.24524	1.24524	6.30424	0.910929	0.12844	1
cg16989443	0.0001909	1.84526	1.84526	0.0482114	1.24609	1.24609	0.0281563	0.776754	-1.28741	0.642241	0.955432	-1.04665	12.449	1.87239	0.133693	1
cg15496744	0.00300924	0.45076	-2.21848	0.06466	0.665965	-1.50158	0.00041192	0.333393	-2.99946	0.119338	0.718139	-1.39249	9.48298	5.76293	0.54019	1
cg22536775	0.060556	0.602099	-1.66086	0.242905	0.746036	-1.34042	0.327681	0.784868	-1.2741	0.755944	1.07761	1.07761	4.97893	4.53269	0.809221	1
cg09859491	0.341699	0.803564	-1.24446	0.0320639	0.570875	-1.7517	0.374635	0.815935	-1.22559	0.0167602	0.521162	-1.91879	4.8701	3.84348	0.70151	1
cg14180718	0.675495	0.763302	-1.3101	?	?	?	0.841642	1.13684	1.13684	0.726437	1.25269	1.25269	5.14649	29.1421	4.9547	1
cg01428437	0.369083	0.691794	-1.44552	0.00142384	0.158275	-6.3181	0.629538	0.823539	-1.21427	0.0506009	0.410743	-2.43461	4.46116	11.2725	2.24606	1
cg22718050	0.0725153	7.86438	7.86438	0.00290043	67.5888	67.5888	0.0140029	22.711	22.711	0.0425497	11.0609	11.0609	4.24682	71.244	14.9119	1
cg04758387	0.0601824	0.535236	-1.86833	0.0488943	0.515257	-1.94078	0.210548	0.677735	-1.4755	0.945884	0.980184	-1.02022	4.02043	5.53545	1.22385	1
cg06174563	0.618008	0.912246	-1.0962	0.0863764	1.41354	1.41354	0.0799438	0.701207	-1.42611	0.0707702	0.691525	-1.44608	3.90674	2.06505	0.469856	1
cg10219957	0.209134	0.67912	-1.47249	0.0539174	1.89572	1.89572	0.184418	0.662652	-1.50909	0.115937	1.64777	1.64777	3.73397	5.0524	1.20275	1
cg22865286	0.0674635	1.16421	1.16421	3.13E-05	1.82668	1.82668	0.126378	0.884519	-1.13056	0.0323572	1.20434	1.20434	23.7463	2.07103	0.0775243	1
cg13680954	0.13718	1.50943	1.50943	1.01E-05	0.0874899	-11.4299	0.0145171	0.460982	-2.16928	0.944366	0.982212	-1.01811	13.8297	14.4866	0.931109	1
cg22933028	0.23772	0.741673	-1.3483	0.00549946	0.414005	-2.41543	0.600766	1.13607	1.13607	0.590135	0.876877	-1.14041	6.1578	5.69361	0.821882	1
cg23614413	0.192122	0.662492	-1.50945	0.237178	1.44675	1.44675	0.534411	1.2064	1.2064	0.720671	0.898459	-1.11302	5.38817	7.58951	1.25205	1
cg14960316	0.0792114	0.530219	-1.88601	0.00739681	0.325127	-3.07572	0.127385	0.58465	-1.71043	0.0312953	0.439305	-2.27632	4.98883	8.3757	1.49235	1
cg18315935	0.693114	0.923242	-1.08314	0.794257	0.948736	-1.05403	0.00453971	2.141	2.141	0.0351052	1.63933	1.63933	4.28972	2.75451	0.570773	1
cg10808027	0.315469	0.736612	-1.35757	0.327875	1.34643	1.34643	0.93925	1.0227	1.0227	0.467915	0.804504	-1.243	3.64402	5.0063	1.22119	1
cg02890926	0.0396918	0.793732	-1.25987	0.415571	0.922358	-1.08418	0.429551	0.924667	-1.08147	0.23741	0.886729	-1.12774	5.31231	0.793682	0.132804	1
cg12598340	0.685173	0.860515	-1.1621	0.000352837	0.120562	-8.29452	0.00413712	0.242417	-4.12512	0.0205388	0.357534	-2.79694	8.89445	19.1364	1.91244	1
cg27515201	0.256217	0.730578	-1.36878	0.00186395	0.310613	-3.21944	0.447571	1.22756	1.22756	0.0712606	0.586455	-1.70516	8.31879	9.2437	0.987718	1
cg00040067	0.0549073	2.29409	2.29409	0.00476692	0.239476	-4.17578	0.4143	1.37479	1.37479	0.127678	0.533532	-1.8743	7.19379	16.5757	2.04815	1
cg00780456	0.1619	1.39054	1.39054	0.000824878	3.04057	3.04057	3.49E-05	5.84366	5.84366	0.235466	1.31583	1.31583	18.163	14.0175	0.68601	1
cg18507018	0.774954	1.07265	1.07265	0.0932079	0.636467	-1.57117	0.0352213	1.82234	1.82234	0.0123992	0.466942	-2.1416	4.01062	3.8025	0.842762	1
cg04928930	0.0698132	0.753471	-1.32719	0.548501	0.91873	-1.08846	0.0251846	1.45017	1.45017	0.00717493	0.615942	-1.62353	12.2362	3.77724	0.274395	1
cg12241299	0.494673	0.856008	-1.16821	0.000124644	4.47823	4.47823	0.982003	0.994955	-1.00507	0.097459	1.50341	1.50341	6.3395	5.04709	0.707675	1
cg07513231	0.0659495	0.67598	-1.47933	0.00772561	1.91467	1.91467	0.0656865	1.48003	1.48003	0.00404819	2.08063	2.08063	5.83818	3.33153	0.50724	1
cg08314206	0.0652187	0.803806	-1.24408	0.483518	0.927623	-1.07802	0.0114229	1.39655	1.39655	0.0295077	1.31053	1.31053	5.63255	0.993072	0.15672	1
cg14353162	0.0145579	0.673243	-1.48535	0.953934	0.992434	-1.00762	0.0839112	0.777667	-1.2859	0.683574	0.947549	-1.05535	5.06016	1.38526	0.24334	1
cg19775898	0.624026	0.703049	-1.42238	0.881473	0.899057	-1.11228	0.243942	0.419183	-2.38559	0.156391	0.339158	-2.94848	4.58262	32.8151	7.16076	1
cg17466535	0.262861	0.698307	-1.43203	0.010067	2.80303	2.80303	0.0158579	2.54204	2.54204	0.0142492	2.60045	2.60045	5.62681	8.15059	1.12663	1
cg17014627	0.74595	0.961183	-1.04038	1.48E-05	0.334331	-2.99104	0.135771	0.822186	-1.21627	0.144274	1.21048	1.21048	25.1151	5.89974	0.208807	1
cg16540768	0.00928748	0.687363	-1.45483	0.0360065	0.758024	-1.31922	0.157001	1.18758	1.18758	0.0393747	1.31091	1.31091	6.09742	1.2459	0.181629	1
cg16000017	0.596903	0.843445	-1.18561	0.00267798	0.266028	-3.759	0.0167384	0.393931	-2.53851	0.00829011	0.340705	-2.93509	5.95871	9.60381	1.43265	1
cg03582736	0.0823252	0.421064	-2.37494	0.004355	0.180492	-5.54042	0.106567	0.452952	-2.20774	0.0543961	0.374936	-2.66713	4.88721	15.6348	2.84367	1
cg05043032	0.205698	0.839931	-1.19057	0.26135	1.16539	1.16539	0.735794	0.956713	-1.04525	0.816259	0.970046	-1.03088	4.40965	1.19234	0.24035	1
cg08035105	0.133804	1.18819	1.18819	0.255622	0.881129	-1.13491	0.914739	0.988645	-1.01149	0.0191493	1.35296	1.35296	13.9097	2.50506	0.160084	1
cg15640062	0.119689	1.31928	1.31928	0.0396288	1.47773	1.47773	0.536028	1.10832	1.10832	0.552546	1.10364	1.10364	4.71811	2.01264	0.37918	1
cg22019094	0.536044	1.10846	1.10846	0.107867	1.33415	1.33415	0.0490083	1.44673	1.44673	0.698956	1.06594	1.06594	10.4314	4.46084	0.380119	1
cg08388746	0.00122725	0.363048	-2.75446	0.573766	0.885323	-1.12953	0.948551	1.01392	1.01392	0.467681	0.85354	-1.17159	6.6339	4.82507	0.64652	1
cg00772813	0.00176842	0.54677	-1.82892	0.199571	0.832149	-1.20171	0.11827	1.25852	1.25852	0.892549	0.981844	-1.01849	6.48684	1.8884	0.258767	1
cg19771975	0.0189234	0.514814	-1.94245	0.104588	0.660743	-1.51345	0.83929	0.953674	-1.04858	0.0384912	0.571183	-1.75075	12.1952	10.5389	0.768164	1
cg11929284	0.973614	0.992886	-1.00717	0.219993	1.32101	1.32101	0.0983617	0.676169	-1.47892	0.34162	0.80935	-1.23556	7.8705	5.80847	0.656004	1
cg07379574	0.0209567	1.69549	1.69549	0.0394915	0.635937	-1.57248	0.203797	1.29036	1.29036	0.326719	1.21221	1.21221	3.95794	2.26446	0.50856	1
cg10192047	0.0048194	4.11576	4.11576	0.264398	0.643981	-1.55284	0.56648	1.2451	1.2451	0.353444	0.696837	-1.43506	3.59069	8.13931	2.01492	1
cg09822284	0.32358	1.15837	1.15837	0.0193903	0.665223	-1.50326	0.0110996	0.631818	-1.58274	0.643406	1.06953	1.06953	3.53026	1.16254	0.292718	1
cg10389385	5.85E-07	0.0122622	-81.5512	0.260224	0.687161	-1.45526	0.22018	1.5096	1.5096	0.950887	0.980513	-1.01987	24.2448	39.1927	1.43692	1
cg00294823	0.660091	0.894312	-1.11818	0.96262	1.01189	1.01189	0.000579943	0.236088	-4.23571	0.400476	0.8043	-1.24332	7.32289	7.21858	0.766699	1
cg09856066	0.437334	0.905439	-1.10444	0.00745103	0.649184	-1.54039	0.620579	0.939354	-1.06456	0.0440938	1.33644	1.33644	5.27318	1.31276	0.221289	1
cg20685736	0.0756692	0.538737	-1.85619	0.710725	1.1236	1.1236	0.00239503	0.26618	-3.75685	0.141115	0.609503	-1.64068	5.15139	7.98362	1.3776	1
cg19638175	0.0510133	1.72738	1.72738	0.096281	1.56694	1.56694	0.0288828	1.88445	1.88445	0.0726091	1.63658	1.63658	3.52744	3.3789	0.851457	1
cg04986555	0.0604693	2.74413	2.74413	0.000267304	17.3366	17.3366	0.00323265	6.79069	6.79069	0.0312223	3.33809	3.33809	8.32813	29.9912	3.20106	1
cg16466278	0.000492056	0.610745	-1.63735	7.51E-06	0.410612	-2.43539	0.0412636	0.808405	-1.237	0.000778971	0.631775	-1.58284	26.1004	3.37373	0.114898	1
cg19433091	0.932684	0.971313	-1.02953	0.805079	0.91834	-1.08892	0.0134189	2.8715	2.8715	0.405646	0.74593	-1.34061	7.69311	14.4629	1.67109	1
cg12391858	0.182104	0.77726	-1.28657	0.043111	1.51294	1.51294	0.207067	0.789198	-1.26711	0.387626	0.854231	-1.17064	7.53455	3.77767	0.445671	1
cg05701204	0.0418708	0.508667	-1.96592	0.354316	1.31608	1.31608	0.937587	1.02283	1.02283	0.946151	1.01966	1.01966	5.45509	7.17733	1.16952	1
cg21541406	0.707942	1.11143	1.11143	0.00734455	2.63826	2.63826	0.428843	0.79712	-1.25452	0.214457	0.692872	-1.44327	5.14675	4.99689	1.10958	1
cg23332817	0.818173	1.06343	1.06343	0.775825	0.926587	-1.07923	0.169836	0.676722	-1.47771	0.566988	0.856807	-1.16712	4.9247	5.56287	1.00408	1
cg12113132	0.369945	0.784837	-1.27415	0.0888737	0.610304	-1.63853	0.000247133	4.91678	4.91678	0.676413	1.11678	1.11678	11.078	12.1484	0.974777	1
cg24685109	0.0449163	1.39208	1.39208	0.00418508	1.73576	1.73576	0.00202681	1.86931	1.86931	0.991425	0.998457	-1.00155	7.45705	2.43961	0.290804	1
cg22700715	0.983343	1.00231	1.00231	1.39E-05	0.366595	-2.7278	0.212875	0.864836	-1.15629	0.127134	1.20035	1.20035	13.4066	2.60151	0.172486	1
cg15323828	0.287753	0.821497	-1.21729	0.00277422	0.479517	-2.08543	0.93972	1.01356	1.01356	0.00693133	0.536614	-1.86354	11.1837	5.62137	0.446791	1
cg05968822	0.650662	1.04974	1.04974	0.655817	1.04893	1.04893	0.914722	0.988658	-1.01147	0.0152166	0.728002	-1.37362	9.26518	1.66405	0.159647	1
cg12406822	0.0489294	1.68262	1.68262	8.05E-05	5.19166	5.19166	0.00584189	2.30525	2.30525	0.539011	1.15481	1.15481	9.2392	7.83667	0.753954	1
cg17954482	0.739097	1.02326	1.02326	0.0384689	0.847932	-1.17934	0.600787	1.03699	1.03699	0.0166037	1.22292	1.22292	4.65415	0.348819	0.0666203	1
cg16512458	0.00739261	2.08915	2.08915	0.0089755	2.03273	2.03273	0.0113243	1.96794	1.96794	0.404158	1.19989	1.19989	4.47023	3.22647	0.641571	1
cg09940756	0.156149	0.806879	-1.23934	0.250411	1.18515	1.18515	0.448274	1.1155	1.1155	0.110615	1.27876	1.27876	3.7811	1.19799	0.281634	1
cg25345767	0.000999278	0.568619	-1.75865	9.26E-05	0.446616	-2.23906	0.208969	1.16533	1.16533	0.222545	0.862357	-1.15961	10.1246	2.14003	0.187885	1
cg11947985	0.073398	1.4052	1.4052	4.75E-05	3.69105	3.69105	0.219228	0.802384	-1.24629	0.00732636	1.8024	1.8024	22.5149	10.3543	0.408788	1
cg19375627	1.29E-05	0.252191	-3.96525	0.00470371	1.75874	1.75874	0.414867	1.13345	1.13345	0.688516	1.06244	1.06244	13.583	4.85981	0.318033	1
cg04482331	0.0327173	2.81079	2.81079	0.00024257	12.308	12.308	0.0471907	2.55812	2.55812	0.0645041	2.36071	2.36071	10.7035	28.999	2.40827	1
cg04194745	0.296086	1.25948	1.25948	0.00409987	2.27057	2.27057	0.461292	0.852396	-1.17316	0.157597	1.37957	1.37957	9.59512	6.89032	0.638317	1
cg27007197	0.243847	1.14071	1.14071	0.824853	0.976353	-1.02422	0.360602	0.903502	-1.1068	0.915367	1.01154	1.01154	5.52089	1.01933	0.164117	1
cg03626648	0.87564	0.972671	-1.0281	0.955396	1.00995	1.00995	0.254988	0.81036	-1.23402	0.0728721	0.701876	-1.42475	5.37776	2.66621	0.440697	1
cg02162453	0.260969	0.68361	-1.46282	0.00536566	0.304345	-3.28574	0.920301	1.033	1.033	0.0746978	0.525116	-1.90434	4.92649	8.21319	1.48191	1
cg14155184	0.918092	1.03543	1.03543	0.0158439	0.367832	-2.71863	0.242009	0.660723	-1.51349	0.0126446	0.350258	-2.85504	4.77697	8.66501	1.61237	1
cg00507055	0.0198273	0.484871	-2.0624	0.0156664	2.14751	2.14751	0.738249	1.08741	1.08741	0.509906	1.18209	1.18209	3.93748	3.80678	0.751959	1
cg06346993	0.00358252	0.258516	-3.86824	0.0235155	0.395462	-2.52869	0.0168384	0.36784	-2.71857	0.688888	1.14799	1.14799	6.5942	10.9165	1.65547	1
cg13487102	0.788125	1.12513	1.12513	0.924392	1.04242	1.04242	2.65E-05	37.924	37.924	0.576781	0.781315	-1.27989	12.3144	37.363	2.69697	1
cg21032058	0.00016618	0.275806	-3.62574	0.0502676	0.638824	-1.56538	0.437514	1.17237	1.17237	0.342371	1.21705	1.21705	9.50864	6.07188	0.567613	1
cg06779847	0.0666818	1.5217	1.5217	0.00572144	2.09546	2.09546	0.0748966	1.49936	1.49936	0.724114	0.930195	-1.07504	6.08132	4.01553	0.586938	1
cg00929411	0.103629	2.38599	2.38599	0.0984286	2.42419	2.42419	0.974542	1.01571	1.01571	0.99892	1.00066	1.00066	4.68829	17.7258	3.36078	1
cg08050663	0.198382	1.31987	1.31987	0.713774	0.927543	-1.07812	0.0300155	1.68396	1.68396	0.216443	0.76677	-1.30417	4.21922	2.78566	0.586872	1
cg05223146	0.984367	1.00767	1.00767	0.27838	1.55241	1.55241	0.694553	1.16648	1.16648	0.219777	0.604417	-1.65449	3.70243	8.92798	2.14345	1
cg02965039	0.0503089	1.50718	1.50718	0.609022	1.09949	1.09949	0.00194649	2.23832	2.23832	0.588334	0.904408	-1.1057	5.13717	2.75043	0.475908	1
cg05458554	0.338821	0.565235	-1.76917	0.00702372	0.133082	-7.51417	0.57562	1.38718	1.38718	0.147602	0.406956	-2.45727	4.86917	25.8219	4.71391	1
cg09417530	0.682326	0.953249	-1.04904	0.00446089	0.643213	-1.5547	0.779139	1.03325	1.03325	0.0341008	1.33337	1.33337	4.21148	0.902884	0.190566	1
ch.8.1852347F	0.71285	0.899794	-1.11137	0.547013	0.840222	-1.19016	0.866606	1.04919	1.04919	0.460528	0.806849	-1.23939	4.03665	5.21652	1.1487	1
cg08621846	2.15E-06	0.0953941	-10.4828	8.82E-06	0.142422	-7.02139	0.00121229	0.383853	-2.60516	0.318641	0.811952	-1.2316	42.4956	24.4381	0.575073	1
cg05019854	0.000375949	0.616794	-1.62129	0.00123842	0.669475	-1.49371	0.0408259	1.22221	1.22221	0.0651673	1.1924	1.1924	18.7661	2.14698	0.101696	1
cg12635658	0.00820879	0.615843	-1.62379	0.693054	1.05852	1.05852	0.103314	0.774603	-1.29098	0.318967	0.862744	-1.15909	5.18811	1.68837	0.289271	1
cg11044263	0.419829	0.93002	-1.07525	0.249167	0.899409	-1.11184	0.412356	0.928882	-1.07656	0.00439534	1.39758	1.39758	4.90948	0.60241	0.10907	1
cg08451517	0.0159543	0.764055	-1.30881	0.0401523	0.805525	-1.24143	0.138716	1.15645	1.15645	0.048195	1.22866	1.22866	3.81662	0.502765	0.117094	1
cg14487887	0.0998483	1.55434	1.55434	?	?	?	0.819511	1.05749	1.05749	0.708518	0.912241	-1.0962	3.94042	3.3184	0.842145	1
cg10433231	0.000238358	0.523781	-1.9092	0.000273924	0.530724	-1.88422	0.0143507	1.37823	1.37823	0.00222426	1.57675	1.57675	21.5764	3.85959	0.159005	1
cg23701599	0.828678	1.02007	1.02007	0.0306876	0.792309	-1.26213	0.198758	0.882908	-1.13262	0.183813	1.13804	1.13804	6.84237	0.911329	0.11839	1
cg19691797	0.78818	0.944114	-1.05919	0.0784326	0.658714	-1.51811	0.321985	0.803732	-1.2442	0.201588	1.33374	1.33374	6.54398	4.72653	0.642019	1
cg07283738	0.052261	0.831468	-1.20269	0.752201	0.973866	-1.02684	0.40613	1.07364	1.07364	0.442629	1.06764	1.06764	4.23962	0.46932	0.0983988	1
cg25358938	?	?	?	?	?	?	0.213661	1.70971	1.70971	0.010936	0.270315	-3.69938	4.04271	8.35431	2.36173	1
cg04002885	0.887404	1.0432	1.0432	0.000825278	0.2223	-4.49843	0.162503	0.640744	-1.56069	0.567845	0.841679	-1.1881	3.74624	5.28738	1.25456	1
cg20001850	0.026791	0.319435	-3.13053	0.00146642	0.126604	-7.89862	0.773558	1.12998	1.12998	0.0997463	2.17017	2.17017	11.6661	32.4292	2.16205	1
cg23868809	0.0444552	0.331833	-3.01357	0.00588606	0.178625	-5.59831	0.00837666	0.1999	-5.00249	0.148723	0.477001	-2.09643	5.55062	20.0815	3.2159	1
cg03616030	0.000596066	0.128306	-7.79389	0.421268	1.37482	1.37482	0.95461	1.0223	1.0223	0.74073	1.1373	1.1373	5.1281	12.1928	2.11346	1
cg03190702	0.333889	0.70448	-1.41949	0.00155692	0.202212	-4.9453	0.940171	0.973963	-1.02673	0.821894	1.08247	1.08247	3.46727	6.78335	1.73902	1
cg25702001	0.0219927	0.487566	-2.051	0.0572695	0.569882	-1.75475	0.700177	0.903782	-1.10646	0.0826627	0.605005	-1.65288	3.43621	3.72021	0.962354	1
cg18198743	0.0175138	1.23636	1.23636	0.00756464	1.28676	1.28676	0.0713016	1.1593	1.1593	0.323415	1.07771	1.07771	13.7919	1.17618	0.0758048	1
cg22525251	0.0743368	0.8557	-1.16863	0.00623655	1.32233	1.32233	0.0202724	0.803039	-1.24527	0.0480261	1.19379	1.19379	6.07157	0.590651	0.0864724	1
cg12636447	0.791502	1.05825	1.05825	0.00958775	2.01543	2.01543	0.135682	1.41004	1.41004	0.886077	1.03111	1.03111	3.683	2.66354	0.642841	1
cg21889078	0.0538022	0.355854	-2.81014	0.0706892	0.38554	-2.59376	0.780474	1.14093	1.14093	0.165092	0.497201	-2.01126	3.48803	12.3016	3.13493	1
cg22014737	0.00106183	0.424764	-2.35425	0.036011	0.649531	-1.53957	0.468232	0.877592	-1.13948	0.421799	0.864867	-1.15625	5.3664	2.36473	0.440655	1
cg12044295	0.593592	1.05832	1.05832	5.15E-05	0.450469	-2.21991	0.0071072	1.44184	1.44184	0.821324	0.976478	-1.02409	12.5467	2.20031	0.155884	1
cg10944437	0.861797	1.02724	1.02724	0.00428463	0.554719	-1.80271	0.00716658	0.585373	-1.70831	0.0393847	0.692395	-1.44426	9.94463	3.74697	0.334919	1
cg21041329	0.0488317	0.702159	-1.42418	0.000220407	0.380045	-2.63127	0.927947	1.01432	1.01432	0.457631	1.12624	1.12624	5.74776	2.24874	0.347766	1
cg16760490	0.644094	1.07089	1.07089	0.0019592	0.524946	-1.90496	0.0757295	1.3378	1.3378	0.021639	1.50078	1.50078	5.06137	1.73744	0.305134	1
cg00765921	0.0506287	0.601924	-1.66134	0.0121651	0.49057	-2.03845	0.168943	1.39659	1.39659	0.00584577	2.27599	2.27599	8.68784	7.14712	0.731252	1
cg26254453	0.0697024	0.840424	-1.18988	0.113225	0.862669	-1.15919	0.382097	1.07985	1.07985	0.16429	1.13562	1.13562	7.00401	0.814747	0.103401	1
cg01041367	0.00443722	0.538395	-1.85737	0.0189267	0.629054	-1.58969	0.0468782	1.44924	1.44924	0.0248237	1.54599	1.54599	7.39176	3.11379	0.374445	1
cg08526319	0.969925	1.00301	1.00301	0.000588036	0.655095	-1.5265	0.60728	1.04215	1.04215	0.7352	0.973325	-1.02741	7.13853	0.717206	0.0893063	1
cg13434453	0.236819	1.18953	1.18953	0.0103485	1.57188	1.57188	0.0207173	0.677057	-1.47698	0.21328	0.832327	-1.20145	4.24584	1.31857	0.27605	1
cg09969748	0.115898	1.9525	1.9525	0.00112673	0.15305	-6.53383	0.758046	0.886047	-1.12861	0.700633	1.1633	1.1633	3.77931	9.17673	2.15835	1
cg13259539	0.00554655	1.73849	1.73849	0.022517	0.660541	-1.51391	0.00218034	0.520769	-1.92024	0.0259829	0.669615	-1.49339	9.53827	3.47912	0.324225	1
cg12156167	0.0125459	0.289717	-3.45164	0.287546	0.643663	-1.55361	0.0446991	0.398706	-2.50812	0.0902978	0.474851	-2.10592	5.09729	12.8516	2.24112	1
cg23313885	0.0516212	0.177376	-5.63773	0.00364079	0.0463704	-21.5655	0.772629	1.2538	1.2538	0.058392	0.188301	-5.31064	3.55543	34.322	8.58079	1
cg27159719	0.0347113	0.222918	-4.48595	0.0130686	0.153048	-6.53391	?	?	?	0.0668087	0.285687	-3.50034	4.84096	25.3327	5.23299	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20955688	TMEM71;TMEM71;TMEM71;TMEM71	0.0309109	0.0131709	0.249619	-4.0061	0.895195	1.06132	1.06132	0.13776	0.485949	-2.05783	0.00422351	0.177361	-5.63823	0.0377167	0.336804	-2.96908	0.0960437	0.438108	-2.28254	0.0124956	0.245826	-4.06792	0.639148	0.807963	-1.23768	0.126672	0.47427	-2.1085	4.04358	13.0562	2.87012	1
cg13846998	TMEM72	0.00529875	0.00375256	0.273424	-3.65732	0.0016744	0.225531	-4.43397	0.0320349	0.434966	-2.29903	0.340871	0.722315	-1.38444	0.00124818	0.209566	-4.77177	0.605986	0.841603	-1.18821	0.692657	0.876637	-1.14072	0.0048652	0.290164	-3.44632	0.0223243	0.403554	-2.47799	7.20951	12.5421	1.54637	1
cg26732252	TMEM72	0.0425947	0.0247889	0.268917	-3.71861	0.0286586	0.281194	-3.55626	0.0779143	0.38181	-2.6191	0.223808	0.533591	-1.87409	0.00779604	0.186581	-5.35961	0.081891	0.387698	-2.57933	0.179145	2.01652	2.01652	0.213887	0.525597	-1.9026	0.327956	0.608787	-1.64261	3.5985	13.767	3.40068	1
cg06994016	TMEM72;TMEM72	0.00785473	0.493091	1.16297	1.16297	0.0439045	0.605148	-1.65249	0.820249	1.0506	1.0506	0.869488	1.03631	1.03631	0.00100803	0.346995	-2.88188	0.672358	1.09665	1.09665	0.00775529	2.0994	2.0994	0.0525868	1.61281	1.61281	0.164832	1.37905	1.37905	6.38081	4.75411	0.662279	1
cg00468320	TMEM74	0.016408	0.00805945	0.173583	-5.76094	0.0108547	0.191976	-5.20897	0.356703	0.613183	-1.63083	0.375333	0.625348	-1.59911	0.00756362	0.169855	-5.88737	0.00898352	0.180111	-5.55212	0.0112366	0.194214	-5.14897	0.0284807	0.263458	-3.79567	0.0463363	0.30803	-3.24643	5.02865	21.2011	3.74762	1
cg12991341	TMEM74	0.0165795	0.0537615	0.637712	-1.56811	0.00576282	0.475573	-2.10273	0.149483	0.727989	-1.37365	0.728665	1.07416	1.07416	0.0315379	0.595723	-1.67863	0.191627	1.32839	1.32839	0.0722569	1.50996	1.50996	0.0413611	1.62144	1.62144	0.510563	1.14694	1.14694	5.01124	3.34899	0.594041	1
cg16580728	TMEM74	0.0321792	0.104407	0.321253	-3.11281	0.0638073	0.263727	-3.7918	0.346977	0.538216	-1.85799	0.234772	0.450826	-2.21815	0.0155942	0.150025	-6.66555	0.187812	0.409481	-2.44211	0.0018467	0.0591248	-16.9134	0.0169923	0.155369	-6.43629	0.172979	0.395483	-2.52855	3.9859	25.8327	5.76091	1
cg25333204	TMEM74	0.0348541	0.0269357	0.369008	-2.70997	0.108546	1.94651	1.94651	0.431527	0.736787	-1.35724	0.676246	0.852321	-1.17327	0.313499	0.672576	-1.48682	0.167434	0.571264	-1.7505	0.00595991	0.254606	-3.92763	0.0120113	0.303581	-3.29401	0.245868	0.630155	-1.58691	3.87298	8.88024	2.03811	1
cg24914278	TMEM74;TMEM74	1.99E-05	0.71271	0.973266	-1.02747	0.00110477	1.42241	1.42241	0.147753	1.12052	1.12052	0.128844	1.12778	1.12778	0.20366	1.1033	1.1033	0.0565607	0.853718	-1.17135	4.08E-06	2.18801	2.18801	6.90E-06	2.07541	2.07541	1.26E-05	1.96055	1.96055	33.9196	2.88406	0.0755789	1
cg00781875	TMEM79;SMG5	0.0296667	0.266997	0.899266	-1.11202	0.873873	0.98552	-1.01469	0.513388	1.06274	1.06274	0.0482868	0.81286	-1.23022	0.605782	0.953325	-1.04896	0.0179497	0.767942	-1.30218	0.00679539	0.724681	-1.37992	0.913793	0.990107	-1.00999	0.030232	1.26357	1.26357	4.10307	0.54779	0.118673	1
cg14500718	TMEM79;SMG5	0.0416078	0.0467001	0.470417	-2.12578	0.0125436	0.357654	-2.796	0.742184	1.11551	1.11551	0.838237	0.934552	-1.07003	0.0224399	0.404314	-2.47333	0.122298	0.574351	-1.74109	0.0218869	0.402216	-2.48623	0.0161197	0.377219	-2.65098	0.416561	0.759621	-1.31645	3.62992	6.30364	1.54362	1
cg16605187	TMEM79;SMG5;SMG5	0.0164651	0.00445089	0.564847	-1.77039	0.223972	0.825046	-1.21205	0.613061	1.07979	1.07979	0.19488	0.813495	-1.22926	0.0550396	0.720732	-1.38748	0.394098	0.876861	-1.14043	0.407426	0.880232	-1.13606	0.00143756	0.499739	-2.00105	0.0122769	0.625299	-1.59924	5.02282	1.80278	0.319038	1
cg20792284	TMEM79;SMG5;TMEM79	2.43E-06	3.90E-06	0.120054	-8.32962	0.0695405	1.49221	1.49221	0.0064237	2.01172	2.01172	0.389295	1.19	1.19	0.295973	1.23822	1.23822	0.00150629	2.46359	2.46359	1.04E-07	0.03361	-29.753	0.120469	1.39387	1.39387	0.447173	1.16505	1.16505	58.4455	35.9865	0.547313	1
cg16691898	TMEM79;TMEM79	0.00171871	0.00447235	0.442266	-2.26108	0.95407	0.987681	-1.01247	0.000180688	0.255697	-3.91087	0.440125	1.18463	1.18463	0.00752506	0.477033	-2.09629	0.000479521	0.307524	-3.25178	0.587721	0.888875	-1.12502	0.901733	1.02694	1.02694	0.254844	0.774259	-1.29156	10.0758	7.39039	0.651982	1
cg21295295	TMEM79;TMEM79	0.00591054	0.000801803	0.0801993	-12.4689	0.181874	0.493316	-2.0271	0.00177659	0.108742	-9.19611	0.149349	0.46258	-2.16179	0.00329315	0.135794	-7.36409	0.0378963	0.301088	-3.32129	0.553672	0.741746	-1.34817	0.843256	0.905999	-1.10375	0.0114375	0.206366	-4.84575	6.9714	27.4534	3.50045	1
cg05954120	TMEM79;TMEM79	0.0108509	0.00552952	0.167007	-5.98777	0.0253583	0.271264	-3.68645	0.00628524	0.174247	-5.73898	0.0685139	0.367524	-2.72091	0.0149639	0.230268	-4.34276	0.0166674	0.238177	-4.19856	0.00267647	0.130332	-7.67269	0.482748	0.704578	-1.41929	0.025411	0.271437	-3.68409	5.75778	21.9711	3.39191	1
cg18114036	TMEM79;TMEM79	0.0172994	0.141565	0.453751	-2.20385	0.605088	1.29793	1.29793	0.0535033	0.334101	-2.9931	0.102674	2.44166	2.44166	0.00415564	0.14653	-6.82452	0.478027	0.697257	-1.43419	0.010811	4.95497	4.95497	0.186446	0.496497	-2.01411	0.696552	1.21643	1.21643	4.94053	19.5548	3.51825	1
cg21003380	TMEM79;TMEM79	0.0265308	0.0410967	5.08275	5.08275	0.0247914	6.31772	6.31772	0.034399	5.48588	5.48588	0.138609	3.00364	3.00364	0.219176	2.43858	2.43858	0.826224	0.859261	-1.16379	0.00213319	19.6251	19.6251	0.0618543	4.26595	4.26595	0.0268492	6.10363	6.10363	4.2678	32.1663	6.69953	1
cg08469215	TMEM79;TMEM79	0.0312201	0.0183488	18.4003	18.4003	0.0110056	25.6875	25.6875	0.0432088	10.6623	10.6623	0.0919751	6.60445	6.60445	0.223881	3.67047	3.67047	0.83287	0.806507	-1.23991	0.00553829	40.827	40.827	0.0758054	7.47082	7.47082	0.0512428	9.57315	9.57315	4.02925	66.0847	14.5789	1
cg07234388	TMEM79;TMEM79	0.0429707	0.0981811	0.599545	-1.66793	0.801202	1.07375	1.07375	0.12483	1.59775	1.59775	0.890261	0.961814	-1.0397	0.0243097	0.469024	-2.13209	0.0737787	0.570004	-1.75437	0.0149728	2.32487	2.32487	0.519874	1.202	1.202	0.443187	1.2467	1.2467	3.58676	4.51849	1.1198	1
cg06616338	TMEM80;DEAF1;TMEM80	9.32E-05	0.855514	1.0297	1.0297	0.286091	0.837014	-1.19472	0.366256	1.16076	1.16076	0.336585	0.852897	-1.17247	0.104174	0.751788	-1.33016	0.000158126	0.354289	-2.82255	0.092173	1.34675	1.34675	0.111047	0.756691	-1.32154	1.79E-06	0.147796	-6.7661	22.5589	9.21478	0.36309	1
cg09624752	TMEM80;DEAF1;TMEM80	0.000576598	0.115764	0.742497	-1.34681	0.645627	0.922527	-1.08398	0.551229	1.11071	1.11071	0.0933013	0.725063	-1.37919	0.083531	1.39597	1.39597	0.191057	1.27264	1.27264	7.37E-06	0.179031	-5.58562	0.163195	0.771668	-1.29589	0.514705	0.891311	-1.12194	13.7354	6.59796	0.42699	1
cg19515518	TMEM80;DEAF1;TMEM80	0.000923665	0.368904	0.647893	-1.54346	0.59978	1.28276	1.28276	0.0130082	4.26031	4.26031	3.66E-05	0.0238078	-42.003	0.329862	0.62318	-1.60467	0.13224	0.465773	-2.14697	0.0010309	0.101579	-9.84458	0.958513	0.975831	-1.02477	0.702449	0.834836	-1.19784	12.0341	42.1585	3.114	1
cg16614500	TMEM80;DEAF1;TMEM80	0.0327297	0.0300874	0.445498	-2.24468	0.583291	0.838952	-1.19196	0.0491332	0.490725	-2.0378	0.177727	0.635094	-1.57457	0.00238473	0.261295	-3.82709	0.0404948	0.472398	-2.11686	0.0970042	0.561382	-1.78132	0.0284111	0.44047	-2.2703	0.0505082	0.493398	-2.02676	3.96173	6.30367	1.41435	1
cg04279449	TMEM80;TMEM80	0.00283545	0.0559657	0.552505	-1.80994	0.107814	0.618251	-1.61747	0.00423123	2.85575	2.85575	0.0141097	0.435984	-2.29366	0.00025473	0.191823	-5.21314	0.511494	0.833209	-1.20018	0.229308	0.707736	-1.41296	0.863375	0.953899	-1.04833	0.026292	0.485707	-2.05886	8.7025	10.3499	1.05716	1
cg15572146	TMEM80;TMEM80;DEAF1;DEAF1	0.00211229	0.627544	1.12774	1.12774	0.214444	0.725175	-1.37898	0.00878672	0.440233	-2.27153	6.64E-05	0.165624	-6.03778	0.514844	1.17631	1.17631	0.0810285	0.62149	-1.60904	0.00897529	0.441746	-2.26374	0.0374911	0.552386	-1.81033	0.273241	1.32359	1.32359	9.48948	9.08541	0.851039	1
cg15976390	TMEM81	0.00850452	0.000948935	0.288677	-3.46407	0.00495938	0.391375	-2.55509	0.011144	0.448302	-2.23064	0.940181	1.0191	1.0191	0.0608579	0.586951	-1.70372	0.0112084	0.448725	-2.22854	0.0352307	0.538777	-1.85605	0.492475	0.838801	-1.19218	0.0254962	0.512028	-1.95302	6.22297	6.26686	0.895158	1
cg27529934	TMEM81	0.0361003	0.0533753	0.341713	-2.92643	0.352778	0.626345	-1.59656	0.0432156	0.320479	-3.12033	0.117226	0.434913	-2.29931	0.00793889	0.189085	-5.28862	0.00488963	0.161209	-6.20311	0.0572064	0.348989	-2.86542	0.46518	0.695102	-1.43864	0.0388108	0.310174	-3.224	3.82397	14.5001	3.37058	1
cg11560403	TMEM81;TMEM81	0.00154064	0.000241576	0.537917	-1.85902	0.705431	1.03953	1.03953	0.0146684	1.35902	1.35902	0.155028	1.1681	1.1681	0.00352066	0.667624	-1.49785	0.62472	0.950909	-1.05163	0.0211043	1.32733	1.32733	0.104756	1.19844	1.19844	0.0578301	0.803341	-1.2448	10.3992	1.71694	0.146758	1
cg13454846	TMEM82	0.000119738	0.000107753	0.278242	-3.594	0.0013898	0.419739	-2.38243	0.000529367	0.363773	-2.74897	0.0139443	1.76652	1.76652	0.00171593	0.432353	-2.31292	0.706805	1.07337	1.07337	3.88E-05	0.22835	-4.37923	0.419877	0.856919	-1.16697	0.000633795	0.373987	-2.67389	21.0974	11.7295	0.494196	1
cg27266822	TMEM82	0.00215466	0.199504	1.13051	1.13051	7.43E-05	0.521286	-1.91833	0.332743	0.913541	-1.09464	0.0614171	1.21011	1.21011	0.0327777	0.797695	-1.25361	0.02693	0.788885	-1.26761	0.329905	0.913024	-1.09526	0.177969	0.878498	-1.13831	0.0122951	0.754139	-1.32602	9.43457	1.22381	0.115302	1
cg08029920	TMEM82	0.0039042	0.616992	0.92672	-1.07907	0.0117553	0.621891	-1.608	0.712775	1.05739	1.05739	0.694805	1.06132	1.06132	0.000967508	0.476454	-2.09884	0.204533	1.22394	1.22394	0.00105895	2.07668	2.07668	0.435488	0.886843	-1.1276	0.657539	0.934877	-1.06966	7.91004	2.85392	0.320708	1
cg22018967	TMEM82	0.00507393	0.0200569	0.639452	-1.56384	0.184765	1.2513	1.2513	0.00113467	0.466197	-2.14502	0.323271	0.84993	-1.17657	0.298084	0.842055	-1.18757	0.437747	1.13446	1.13446	0.00259295	1.94496	1.94496	0.47784	0.891353	-1.12189	0.149609	1.27919	1.27919	7.30577	2.9391	0.357598	1
cg00862390	TMEM82	0.00849284	0.156722	0.811169	-1.23279	0.016202	0.666089	-1.5013	0.00674428	0.615524	-1.62463	0.689964	0.946108	-1.05696	0.176028	0.819744	-1.21989	0.49464	1.10056	1.10056	0.00251769	1.78534	1.78534	0.044669	0.72726	-1.37502	0.117341	0.790562	-1.26492	6.22567	1.88215	0.268729	1
cg16626967	TMEM82	0.0104387	0.801944	1.05559	1.05559	0.00983956	0.495456	-2.01834	0.0755081	0.653195	-1.53094	0.0260995	0.566535	-1.76512	0.00286869	0.413593	-2.41784	0.00667807	0.468864	-2.13281	0.00286794	0.413576	-2.41793	0.401196	0.831148	-1.20316	0.198769	0.74655	-1.3395	5.82988	4.27767	0.652221	1
cg00984214	TMEM82	0.0230666	0.00232027	0.305047	-3.27818	0.648167	0.87966	-1.1368	0.0188564	0.452074	-2.21203	0.960223	0.986177	-1.01402	0.00586349	0.365481	-2.73612	0.559313	0.848077	-1.17914	0.997603	1.00084	1.00084	0.668478	0.886713	-1.12776	0.0333201	0.499476	-2.0021	4.48039	5.52722	1.09658	1
cg01802898	TMEM82	0.023309	0.0143322	0.197984	-5.05091	0.037473	0.273906	-3.65088	0.0302956	0.255121	-3.9197	0.0190071	0.21803	-4.58653	0.00209482	0.0981025	-10.1934	0.0931908	0.371355	-2.69284	0.139323	0.425965	-2.34761	0.145809	0.432734	-2.31089	0.0428913	0.286519	-3.49017	4.46426	20.3428	4.05049	1
cg12703825	TMEM82	0.0287698	0.649798	0.926194	-1.07969	0.481589	0.886936	-1.12748	0.00258218	0.496276	-2.01501	0.0165022	0.611804	-1.63451	0.330304	0.844932	-1.18353	0.926968	1.0155	1.0155	0.0319556	1.52437	1.52437	0.357993	0.853378	-1.17181	0.705521	0.938308	-1.06575	4.1479	1.84826	0.39608	1
cg00601916	TMEM82	0.0288421	0.367367	0.782488	-1.27797	0.852223	1.05064	1.05064	0.190959	0.692956	-1.44309	0.244772	0.724483	-1.3803	0.00913064	0.415937	-2.40421	0.0230552	0.486807	-2.0542	0.00239484	0.326023	-3.06726	0.0657251	0.578673	-1.72809	0.0694975	0.584026	-1.71225	4.14422	4.60523	0.987768	1
cg14560311	TMEM85	9.85E-06	0.000397897	5.37402	5.37402	0.0271203	2.18223	2.18223	3.34E-07	0.0120707	-82.8449	?	?	?	0.424954	0.784223	-1.27515	0.0116435	2.56163	2.56163	0.0589297	1.88947	1.88947	0.0242907	0.448903	-2.22765	0.105629	1.69441	1.69441	41.8126	52.3829	1.2528	1
cg11839540	TMEM85	0.000582175	0.900563	1.01956	1.01956	0.335037	0.857202	-1.16659	8.78E-05	0.336372	-2.9729	5.07E-05	0.308232	-3.24431	0.00498668	0.562145	-1.7789	0.924875	1.01472	1.01472	0.00588139	0.57199	-1.74828	0.443951	0.886067	-1.12858	0.03185	0.677152	-1.47677	13.6986	5.21139	0.338163	1
cg14730452	TMEM85	0.00951527	0.0015654	0.408641	-2.44714	0.0369533	0.620523	-1.61154	0.462289	1.15879	1.15879	0.102915	0.703703	-1.42105	0.39692	0.842951	-1.18631	0.269037	0.79715	-1.25447	0.00146658	0.404719	-2.47085	0.00857271	0.516638	-1.93559	0.268967	0.797122	-1.25451	6.00512	3.6892	0.546082	1
cg14847483	TMEM85	0.0104621	0.0189718	0.309309	-3.23301	0.00314083	0.188671	-5.30022	0.778655	1.12344	1.12344	0.178717	1.8042	1.8042	0.00946468	0.257118	-3.88927	0.12581	0.50447	-1.98228	0.573649	1.26472	1.26472	0.328553	1.51672	1.51672	0.0477069	2.5479	2.5479	5.82568	15.7427	2.40204	1
cg05180717	TMEM85	0.0435675	0.494363	1.37766	1.37766	0.0597528	0.375025	-2.66649	0.826948	0.90386	-1.10637	0.596309	1.27994	1.27994	0.0232831	0.285976	-3.4968	0.0282053	0.302297	-3.308	0.00917298	0.217073	-4.60674	0.840905	1.09723	1.09723	0.363855	1.53851	1.53851	3.56839	12.0457	3.00059	1
cg02081001	TMEM86A	0.000149812	0.0332882	0.565754	-1.76755	0.193454	0.729757	-1.37032	0.226356	1.33754	1.33754	0.157237	0.707299	-1.41383	0.00610029	0.440621	-2.26952	0.0540291	0.606114	-1.64985	1.42E-06	0.0602067	-16.6094	0.0258839	0.545758	-1.83231	0.264643	0.766305	-1.30496	19.8636	16.4897	0.737906	1
cg22061561	TMEM86A	0.0224089	0.0891676	0.590499	-1.69348	0.375005	0.774233	-1.2916	0.230592	0.702269	-1.42396	0.475327	1.2263	1.2263	0.0175584	0.443914	-2.25269	0.000983179	0.252365	-3.96251	0.132935	0.634068	-1.57712	0.93047	1.02483	1.02483	0.0426417	0.518979	-1.92686	4.52523	5.66017	1.11182	1
cg22961655	TMEM86A	0.0311999	0.871835	0.979753	-1.02067	0.0567711	0.760965	-1.31412	0.164032	1.20699	1.20699	0.152978	1.21397	1.21397	0.449431	0.906968	-1.10257	0.00571613	0.631863	-1.58262	0.330976	1.13551	1.13551	0.305008	0.874091	-1.14405	0.0392657	1.3528	1.3528	4.03018	1.02448	0.225957	1
cg18341493	TMEM86B	0.0046915	0.0139288	0.77642	-1.28796	0.758244	1.02605	1.02605	0.00129462	0.676728	-1.4777	0.00162479	0.686452	-1.45677	0.840912	0.983396	-1.01688	0.246886	0.90405	-1.10613	0.0213903	1.25903	1.25903	0.973318	1.00279	1.00279	0.0456648	0.826224	-1.21032	7.48239	0.822437	0.0977034	1
cg01076838	TMEM86B	0.00831574	0.00177518	0.528336	-1.89274	0.115466	0.782439	-1.27806	0.628293	0.932447	-1.07245	0.245678	0.840231	-1.19015	0.651005	1.06747	1.06747	0.216463	0.829883	-1.20499	0.00165803	1.90655	1.90655	0.281407	1.1741	1.1741	0.644369	1.06891	1.06891	6.26724	2.04024	0.28937	1
cg01414877	TMEM86B	0.0176793	0.0290859	0.709653	-1.40914	0.231744	0.845988	-1.18205	0.0753668	0.767978	-1.30212	0.0878027	1.28563	1.28563	0.13125	0.804712	-1.24268	0.104534	1.26693	1.26693	0.00975107	1.54629	1.54629	0.397568	1.12244	1.12244	0.0577725	0.751212	-1.33118	4.90466	1.3812	0.250319	1
cg04784940	TMEM86B;SAPS1	0.0385873	0.53853	0.921364	-1.08535	0.487214	0.911343	-1.09728	0.143527	1.22964	1.22964	0.936396	1.01055	1.01055	0.00267268	0.579199	-1.72652	0.10158	1.26585	1.26585	0.0847407	1.28497	1.28497	0.640079	1.0639	1.0639	0.400653	0.89302	-1.1198	3.73212	1.02243	0.243515	1
cg03294547	TMEM87A;GANC;GANC;TMEM87A	0.000230161	0.0109885	0.35629	-2.8067	0.529134	0.81366	-1.22901	0.124464	1.71258	1.71258	0.528122	1.22965	1.22965	?	?	?	4.33E-06	0.03242	-30.8452	0.00604914	0.313592	-3.18886	0.379402	0.747025	-1.33864	0.251487	0.678754	-1.47329	18.1257	26.694	1.47271	1
cg08172552	TMEM87A;GANC;GANC;TMEM87A	0.0148705	0.00936841	0.272376	-3.6714	0.172631	0.563869	-1.77346	0.0876534	0.47513	-2.10469	0.0630938	0.438148	-2.28233	0.00333715	0.206627	-4.83964	0.0371551	0.384792	-2.59881	0.00366525	0.212058	-4.71569	0.115714	0.509189	-1.96391	0.0101163	0.27783	-3.59932	5.19557	12.8211	2.19351	1
cg04999036	TMEM87A;GANC;GANC;TMEM87A	0.017623	0.00644995	0.311393	-3.21138	0.49413	1.25695	1.25695	0.155546	0.60622	-1.64957	0.336943	0.721755	-1.38551	0.00924388	0.336861	-2.96858	0.12493	0.578644	-1.72818	0.0166178	0.381618	-2.62042	0.0121562	0.357234	-2.79929	0.0104925	0.346175	-2.88871	4.90992	8.43553	1.52716	1
cg22752345	TMEM87A;TMEM87A	0.000451141	0.0338986	1.45729	1.45729	2.16E-05	0.272904	-3.66429	0.00152392	0.499587	-2.00165	0.124387	0.77648	-1.28786	0.111699	0.76843	-1.30135	0.050894	1.40239	1.40239	0.158281	1.25777	1.25777	0.0139735	0.630288	-1.58658	0.763506	0.955154	-1.04695	14.7034	5.38403	0.325489	1
cg24489370	TMEM87A;TMEM87A	0.00525714	0.14469	0.832068	-1.20183	0.000461415	1.90944	1.90944	0.745848	0.962554	-1.0389	0.102388	1.23338	1.23338	0.123705	0.822292	-1.21611	0.00444731	1.56102	1.56102	0.0534381	1.29362	1.29362	0.883832	1.01731	1.01731	0.30108	0.881844	-1.13399	7.22694	1.57626	0.193874	1
cg18135893	TMEM87A;TMEM87A;GANC	0.0048072	9.61E-05	0.457712	-2.18478	0.608074	0.943414	-1.05998	0.0513816	1.28376	1.28376	0.39093	0.905748	-1.10406	0.794144	1.02989	1.02989	0.508179	0.927192	-1.07853	0.564463	0.936504	-1.0678	0.0268044	0.744226	-1.34368	0.935467	0.990922	-1.00916	7.42712	1.49178	0.178538	1
cg10628489	TMEM87A;TMEM87A;GANC	0.00615573	0.436719	0.92675	-1.07904	0.0698226	0.823337	-1.21457	0.000847475	1.61761	1.61761	0.359291	0.913591	-1.09458	0.0567174	1.22972	1.22972	0.0225467	1.29942	1.29942	0.0272202	0.778345	-1.28478	0.17976	1.14638	1.14638	0.25572	0.892473	-1.12048	6.88444	1.00232	0.129415	1
cg22058112	TMEM87A;TMEM87A;GANC	0.00657228	0.0913684	0.535547	-1.86725	0.533777	0.809227	-1.23575	0.0763791	1.939	1.939	0.0150958	0.366783	-2.72641	0.0636156	0.496362	-2.01466	0.0460503	0.463998	-2.15518	0.0154406	0.368565	-2.71323	0.000475938	0.158411	-6.31269	0.0404085	0.451518	-2.21475	6.74618	12.0537	1.58822	1
cg12020433	TMEM87A;TMEM87A;GANC	0.0138367	0.020367	0.226361	-4.41771	0.236379	0.517227	-1.93339	0.666494	1.25909	1.25909	0.0583535	0.320895	-3.11629	0.00389919	0.12684	-7.88394	0.0468461	0.298458	-3.35056	0.0021753	0.101737	-9.8293	0.0300837	0.257809	-3.87884	0.0340886	0.268708	-3.72151	5.32035	23.7913	3.97489	1
cg26638920	TMEM87B	0.000712822	0.0502643	1.39809	1.39809	0.0157436	0.641244	-1.55947	4.21E-05	0.310281	-3.22288	0.419684	1.13179	1.13179	0.123898	1.28428	1.28428	0.194576	1.2288	1.2288	0.00329773	1.82408	1.82408	0.878119	1.02331	1.02331	0.1283	1.27998	1.27998	12.9449	4.62227	0.317398	1
cg19917083	TMEM87B	0.000880808	0.00208807	0.351118	-2.84805	0.929694	1.02156	1.02156	0.00343967	0.382786	-2.61243	0.00295555	0.373006	-2.68092	0.00202179	0.349121	-2.86433	0.0216926	0.513723	-1.94657	0.000239434	0.230021	-4.34744	0.000434951	0.260787	-3.83455	0.00413113	0.394779	-2.53306	12.1967	11.2821	0.822234	1
cg20063462	TMEM87B	0.000955301	0.216567	1.55148	1.55148	0.382298	1.35181	1.35181	0.505513	0.796978	-1.25474	0.630862	0.850064	-1.17638	0.723495	0.887698	-1.12651	1.37E-05	0.0314959	-31.7502	0.172264	1.63496	1.63496	0.593213	0.834466	-1.19837	0.719499	1.12855	1.12855	14.5372	25.3151	1.35443	1
cg24403033	TMEM87B	0.00365095	0.0242288	0.589405	-1.69663	0.0915856	1.4413	1.4413	0.000700157	2.7651	2.7651	0.54066	0.885257	-1.12962	0.169858	0.749983	-1.33336	0.278423	0.8011	-1.24828	0.00730191	0.50625	-1.97531	0.0307059	1.64784	1.64784	0.185277	1.31841	1.31841	8.07106	4.94949	0.545102	1
cg16219182	TMEM87B	0.00679849	0.219135	0.83739	-1.19419	0.145363	1.23951	1.23951	0.81134	0.967696	-1.03338	0.0607793	1.33679	1.33679	0.000299676	0.445872	-2.2428	0.156873	0.81227	-1.23112	0.0329323	0.709944	-1.40856	0.380786	1.1314	1.1314	0.17898	0.821971	-1.21659	6.67558	1.99374	0.265477	1
cg11931949	TMEM87B	0.0088421	0.0018381	0.341438	-2.92879	0.0110202	2.16952	2.16952	0.0109681	2.17114	2.17114	0.429954	0.82228	-1.21613	0.995126	0.998517	-1.00148	0.172393	0.702757	-1.42297	0.113542	0.658222	-1.51924	0.786363	0.936147	-1.06821	0.305209	1.29417	1.29417	6.14678	5.74259	0.830439	1
cg00546774	TMEM87B	0.0131138	0.198174	0.882364	-1.13332	0.204009	0.883943	-1.13129	0.18567	0.878848	-1.13785	0.240902	0.893169	-1.11961	0.6466	1.0434	1.0434	0.60828	0.953542	-1.04872	0.000540049	0.609479	-1.64075	0.0375	1.24873	1.24873	0.226918	1.12383	1.12383	5.41471	0.726223	0.119218	1
cg09544282	TMEM87B	0.0138827	0.374348	0.764238	-1.30849	0.117911	0.606132	-1.64981	0.49155	0.813828	-1.22876	0.475235	0.807271	-1.23874	0.000206177	0.159945	-6.25217	0.0270877	0.462291	-2.16314	0.823802	1.06797	1.06797	0.280851	0.718551	-1.39169	0.301943	0.729538	-1.37073	5.31455	7.31846	1.22405	1
cg03490564	TMEM87B	0.0189028	0.75206	1.09237	1.09237	0.00508873	2.80697	2.80697	0.0021216	3.33331	3.33331	0.597762	0.862069	-1.16	0.592614	1.16247	1.16247	0.297431	1.35135	1.35135	0.294916	0.738752	-1.35363	0.487769	0.8216	-1.21714	0.0318186	2.01648	2.01648	4.79537	5.90128	1.09388	1
cg25525778	TMEM87B	0.0190909	0.355068	1.21766	1.21766	0.00288517	2.33551	2.33551	0.00166005	2.53834	2.53834	0.0151627	1.85438	1.85438	0.467506	1.16536	1.16536	0.625038	1.10734	1.10734	0.802176	1.05334	1.05334	0.103035	1.44655	1.44655	0.199951	1.3235	1.3235	4.77934	3.24347	0.603239	1
cg24343273	TMEM87B;TMEM87B	0.000342148	0.952574	1.00351	1.00351	0.476013	0.958157	-1.04367	0.0549566	0.879541	-1.13696	6.51E-06	0.553047	-1.80817	0.0253845	0.854944	-1.16967	0.00945136	0.823675	-1.21407	0.0269877	0.856881	-1.16702	0.0541267	1.13759	1.13759	0.142812	1.09734	1.09734	15.8678	0.874125	0.048967	1
cg23528037	TMEM88	0.00629683	0.385748	1.27722	1.27722	0.000591686	4.30576	4.30576	0.00529693	2.74933	2.74933	0.0652778	1.76728	1.76728	0.926873	0.975056	-1.02558	0.00531563	2.74752	2.74752	0.00863875	2.51261	2.51261	0.196019	1.4568	1.4568	0.0169541	2.22853	2.22853	6.83633	8.19853	1.06601	1
cg02459416	TMEM88	0.0169836	0.223639	1.46823	1.46823	0.00139114	4.02142	4.02142	0.00395145	3.2044	3.2044	0.0504802	1.95349	1.95349	0.498418	1.22931	1.22931	0.103429	1.70747	1.70747	0.0419867	2.02179	2.02179	0.148152	1.5936	1.5936	0.0177844	2.37656	2.37656	4.97109	7.10442	1.27035	1
cg23671708	TMEM88	0.019029	0.210595	1.42289	1.42289	0.98548	1.00488	1.00488	0.00295643	2.97694	2.97694	0.00366207	2.85936	2.85936	0.53761	1.1816	1.1816	0.00993381	2.38843	2.38843	0.117309	1.57588	1.57588	0.428613	1.24116	1.24116	0.0284575	1.99634	1.99634	4.78459	5.41641	1.00627	1
cg02021641	TMEM88	0.0254798	0.701995	1.1192	1.1192	0.0179336	2.32235	2.32235	0.00393828	3.11507	3.11507	0.02388	2.20257	2.20257	0.10798	1.67152	1.67152	0.0244424	2.19316	2.19316	0.0165874	2.35634	2.35634	0.847391	0.945126	-1.05806	0.136017	1.60091	1.60091	4.32849	5.88229	1.20797	1
cg06614257	TMEM88	0.0327815	0.659203	1.25377	1.25377	0.000583063	15.0241	15.0241	0.0452823	3.22286	3.22286	0.457426	1.47051	1.47051	0.767817	1.16283	1.16283	0.275338	1.78298	1.78298	0.198792	1.99759	1.99759	0.76215	0.85669	-1.16728	0.570648	1.33915	1.33915	3.95949	16.283	3.65547	1
cg24716709	TMEM89	9.50E-06	0.992345	0.999135	-1.00087	0.182697	0.880283	-1.136	0.00172232	0.668101	-1.49678	0.0225347	1.27937	1.27937	4.79E-07	0.279511	-3.57768	1.26E-05	0.436563	-2.29062	0.000805051	1.57776	1.57776	0.257239	0.898867	-1.11251	0.848955	1.01734	1.01734	41.1136	5.29473	0.114474	1
cg11540771	TMEM89	0.0197925	0.022778	0.416491	-2.40101	0.951755	1.01964	1.01964	0.0424176	2.11941	2.11941	0.00203269	0.247047	-4.04781	0.152611	0.611173	-1.6362	0.505642	0.804877	-1.24243	0.0961602	0.555891	-1.79891	0.0547986	0.496571	-2.01381	0.290528	0.702905	-1.42267	4.72125	7.72336	1.45411	1
cg10769017	TMEM89	0.045175	0.72067	0.910427	-1.09839	0.0370865	0.531168	-1.88264	0.929362	1.02344	1.02344	0.566246	0.859383	-1.16363	0.00519742	0.381376	-2.62209	0.241954	0.726078	-1.37726	0.0146092	0.455686	-2.19449	0.236707	1.38269	1.38269	0.833797	1.05645	1.05645	3.52041	3.80873	0.96169	1
cg01185755	TMEM8A	0.0035503	0.207674	1.29095	1.29095	0.119403	0.722652	-1.38379	0.389026	0.843932	-1.18493	0.00740911	0.515251	-1.9408	0.000963704	0.388769	-2.57222	0.942945	0.986336	-1.01385	0.00146688	2.41765	2.41765	0.793467	0.950816	-1.05173	0.204602	0.773134	-1.29344	8.13897	4.76268	0.520152	1
cg03842433	TMEM8A	0.019032	0.237567	0.841808	-1.18792	0.874613	1.02222	1.02222	0.40652	0.888535	-1.12545	0.785491	0.962742	-1.0387	0.797891	0.964916	-1.03636	0.00104937	0.509239	-1.96371	0.0178059	1.49327	1.49327	0.166413	1.22797	1.22797	0.375005	0.880975	-1.13511	4.78434	1.46777	0.272699	1
cg08962167	TMEM8A	0.0305824	0.32402	1.145	1.145	0.464814	1.10395	1.10395	0.501062	1.09503	1.09503	0.36627	0.883917	-1.13133	0.0139322	0.667782	-1.49749	0.520032	0.916964	-1.09056	0.00943544	1.54864	1.54864	0.18707	0.830361	-1.2043	0.0380134	1.37678	1.37678	4.05899	1.13603	0.248783	1
cg02999476	TMEM8A	0.0329037	0.0980154	0.257515	-3.88327	0.0691747	4.57145	4.57145	0.0233932	7.57334	7.57334	0.800806	1.20801	1.20801	0.00637967	0.0704165	-14.2012	0.266162	0.420608	-2.37751	0.595814	0.670216	-1.49206	0.271757	0.425212	-2.35177	0.445642	0.559257	-1.78809	3.9542	34.9912	7.86588	1
cg01940867	TMEM8A;LOC100134368	0.00744364	0.0996739	0.741177	-1.3492	0.181134	0.790044	-1.26575	0.216915	1.24068	1.24068	0.497661	0.892002	-1.12107	0.0192748	1.59979	1.59979	0.318108	0.84258	-1.18683	0.000343396	0.384169	-2.60302	0.297055	1.19656	1.19656	0.840683	1.03397	1.03397	6.48932	2.83181	0.387893	1
cg10349874	TMEM8A;MRPL28	0.0331053	0.0386375	0.539034	-1.85517	0.0144873	0.459673	-2.17546	0.472713	1.20736	1.20736	0.709775	1.10126	1.10126	0.0128533	0.450644	-2.21904	0.849768	1.05014	1.05014	0.0358363	0.532563	-1.87771	0.35791	1.27625	1.27625	0.0568139	0.573389	-1.74402	3.94554	4.15972	0.937142	1
cg04237609	TMEM8B;C9orf128;TMEM8B	0.00449748	0.136444	0.796578	-1.25537	0.000479626	0.459924	-2.17427	0.00355808	0.571279	-1.75046	0.11676	1.27324	1.27324	0.00275265	0.556772	-1.79607	0.342988	0.870679	-1.14853	0.0298811	0.696137	-1.4365	0.423951	0.890691	-1.12272	0.271566	0.850237	-1.17614	7.57901	2.41186	0.28287	1
cg13728834	TMEM8B;TMEM8B;TMEM8B	0.000199929	0.00920319	1.90098	1.90098	0.0121864	1.83466	1.83466	0.00161461	2.40671	2.40671	0.00557006	2.02869	2.02869	0.012707	0.547925	-1.82507	0.149282	1.35042	1.35042	1.47E-05	5.74586	5.74586	0.00026393	3.20424	3.20424	0.00856169	1.91861	1.91861	18.3729	10.9825	0.531339	1
cg01263574	TMEM8C	0.0246432	0.0113078	0.234215	-4.26959	0.0940467	0.430671	-2.32196	0.0189827	0.272615	-3.66818	0.306988	0.616366	-1.62241	0.00173902	0.129601	-7.71601	0.690823	0.832824	-1.20073	0.0253285	0.296248	-3.37555	0.133693	0.477042	-2.09625	0.20689	0.543843	-1.83877	4.37905	14.5213	2.94762	1
cg05783585	TMEM9	0.00082991	0.0397605	0.568871	-1.75787	0.736542	1.08342	1.08342	0.171707	0.708052	-1.41233	0.712898	0.916041	-1.09165	1.81E-05	0.125423	-7.97304	0.210779	0.731342	-1.36735	0.0035661	0.391872	-2.55185	0.0870164	1.56583	1.56583	0.0151071	0.492415	-2.03081	12.4032	11.0598	0.792608	1
cg09554300	TMEM9	0.00388089	0.710205	0.854838	-1.16981	0.00543053	0.181402	-5.51263	0.00936078	0.219892	-4.54769	0.00956562	4.51414	4.51414	0.202205	0.56204	-1.77923	?	?	?	0.131683	2.01799	2.01799	0.00586879	5.35938	5.35938	0.0107379	4.34044	4.34044	11.6174	27.4155	1.7699	1
cg19628553	TMEM9	0.00904342	0.433051	0.814988	-1.22701	0.00278445	2.87002	2.87002	0.0640742	1.70256	1.70256	0.0554402	1.74218	1.74218	0.997083	0.999066	-1.00094	0.347157	0.780717	-1.28087	0.0134267	0.457118	-2.18762	0.791854	0.934602	-1.06997	0.00742287	2.41533	2.41533	6.10304	6.32056	0.920569	1
cg15719043	TMEM9	0.0336669	0.0146831	0.166073	-6.02144	0.714545	0.802879	-1.24552	0.639052	0.754017	-1.32623	0.158544	0.40624	-2.4616	0.0541419	0.270823	-3.69245	0.0751996	0.306027	-3.26769	0.00287546	0.0862506	-11.5941	0.115156	0.359236	-2.78368	0.0188399	0.182599	-5.47649	3.92173	22.1867	5.02878	1
cg13829550	TMEM90A	4.01E-06	0.0753583	0.799228	-1.25121	0.0369299	1.31562	1.31562	0.10131	1.22518	1.22518	0.959469	0.994264	-1.00577	0.676921	1.04857	1.04857	0.452431	0.917	-1.09051	0.0493429	1.28908	1.28908	2.99E-08	9.79769	9.79769	0.286664	1.13342	1.13342	51.3582	10.4222	0.180383	1
cg01670876	TMEM90A	3.09E-05	0.00244018	0.450293	-2.22078	0.00435605	0.486468	-2.05564	3.09E-05	0.214631	-4.65916	0.00635269	0.510672	-1.9582	0.000110527	0.276117	-3.62165	0.290894	0.812748	-1.23039	9.95E-07	0.0878333	-11.3852	0.127146	0.731921	-1.36627	0.00056369	0.363791	-2.74883	30.2295	17.1328	0.503784	1
cg06688770	TMEM90A	0.00190743	0.000867488	0.196229	-5.09609	0.124567	1.71915	1.71915	0.0011783	0.212086	-4.71507	0.0075733	0.326503	-3.06276	0.00222706	0.247623	-4.0384	0.113493	0.570547	-1.75271	0.00210227	0.244257	-4.09405	0.0227406	0.411327	-2.43115	0.0727127	0.520803	-1.92011	9.77582	16.4383	1.49469	1
cg08228703	TMEM90A	0.00374722	0.0488778	0.543858	-1.83871	0.650943	0.88396	-1.13127	0.358084	0.774201	-1.29165	0.219642	1.41841	1.41841	0.646433	1.13323	1.13323	0.1883	0.685573	-1.45863	0.00207484	3.23499	3.23499	0.00154135	3.4336	3.4336	0.00297802	3.01485	3.01485	8.00825	9.30082	1.03236	1
cg04936260	TMEM90A	0.0101888	0.0275913	1.64133	1.64133	0.164338	0.754106	-1.32607	0.00166056	0.424903	-2.35348	0.446641	1.15898	1.15898	0.0812994	0.692422	-1.44421	0.183429	1.30795	1.30795	0.169344	0.756932	-1.32112	0.0565982	0.663329	-1.50755	0.0236366	0.598124	-1.67189	5.87533	3.36653	0.509327	1
cg21931419	TMEM90A	0.0130403	0.0214889	4.77644	4.77644	0.484777	1.49471	1.49471	0.00170909	12.6211	12.6211	0.924902	0.948023	-1.05483	0.638047	0.764709	-1.30769	0.2627	1.93695	1.93695	0.158904	0.426368	-2.34539	0.00304719	9.9533	9.9533	0.490227	1.48702	1.48702	5.42467	27.5368	4.51219	1
cg22813326	TMEM90A	0.0140691	0.071776	0.514117	-1.94508	0.0246996	2.44614	2.44614	0.582992	1.19798	1.19798	0.845583	1.0655	1.0655	0.000587344	0.155926	-6.41329	0.821813	0.929232	-1.07616	0.554794	0.823108	-1.21491	0.901479	1.04111	1.04111	0.253489	0.676695	-1.47777	5.95529	9.77061	1.27607	1
cg27126743	TMEM90A	0.0176797	0.141757	0.700453	-1.42765	0.575762	1.13588	1.13588	0.150681	0.706719	-1.41499	0.059802	0.619629	-1.61387	0.185767	0.728924	-1.37188	0.0959492	1.50991	1.50991	0.00168862	0.36376	-2.74907	0.0117037	0.491715	-2.0337	0.166332	0.717057	-1.39459	4.90463	3.94506	0.714981	1
cg04858709	TMEM90A	0.0286521	0.550182	1.25604	1.25604	0.151684	1.78465	1.78465	0.235886	0.625995	-1.59746	0.207237	1.65127	1.65127	0.121218	0.530665	-1.88443	0.417141	0.731473	-1.36711	0.00115504	0.165217	-6.05263	0.283078	0.656662	-1.52285	0.386366	0.715442	-1.39774	4.15391	9.35536	2.00194	1
cg05347927	TMEM90B	0.000218888	0.72399	0.907205	-1.10229	7.57E-06	14.9309	14.9309	0.147467	0.652518	-1.53253	0.429457	1.248	1.248	0.0355233	0.51056	-1.95863	0.464396	1.22695	1.22695	0.0209564	0.466266	-2.1447	0.00109109	3.75661	3.75661	0.0317876	1.99623	1.99623	17.9267	21.4201	1.06211	1
cg22479299	TMEM90B	0.000635357	0.0276041	0.792345	-1.26208	0.535253	1.05771	1.05771	0.47453	1.06714	1.06714	0.524633	0.944016	-1.0593	0.776565	0.974896	-1.02575	0.456627	1.07009	1.07009	0.096864	0.849721	-1.17686	1.48E-05	2.23337	2.23337	0.00506614	1.39254	1.39254	13.3685	1.69058	0.112409	1
cg02997755	TMEM90B	0.00117487	0.492066	0.940989	-1.06271	0.0155889	1.29499	1.29499	0.451853	1.0691	1.0691	0.19691	1.12628	1.12628	0.829918	0.981423	-1.01893	0.629032	1.04334	1.04334	0.000103115	0.549409	-1.82014	0.000977959	1.53332	1.53332	0.0933691	1.17454	1.17454	11.2394	1.35253	0.106967	1
cg20631768	TMEM90B	0.00854499	0.0142959	0.433383	-2.30743	0.00608103	2.69494	2.69494	0.00717292	0.382601	-2.61369	0.0231181	2.12065	2.12065	0.901746	1.03477	1.03477	0.374085	1.28727	1.28727	0.62844	0.873746	-1.1445	0.445071	1.24044	1.24044	0.065977	0.565011	-1.76988	6.21364	7.53857	1.07843	1
cg16793866	TMEM90B	0.0263461	0.855338	1.03244	1.03244	0.185071	0.782051	-1.27869	0.0457427	0.669921	-1.49271	0.0359178	1.53247	1.53247	0.122373	0.746146	-1.34022	0.345756	1.18511	1.18511	0.0118342	0.577132	-1.7327	0.446234	1.14545	1.14545	0.0447791	1.49617	1.49617	4.27825	2.07291	0.430687	1
cg10267724	TMEM90B	0.0360226	0.00733219	0.25047	-3.99249	0.345742	1.47537	1.47537	0.0881596	0.470664	-2.12466	0.358114	0.6849	-1.46007	0.0278932	0.353233	-2.831	0.706199	0.859269	-1.16378	0.0110774	0.279201	-3.58166	0.393429	0.704602	-1.41924	0.0328286	0.367918	-2.718	3.82696	9.72221	2.25818	1
cg16120788	TMEM90B;TMEM90B	0.0443592	0.215228	1.26175	1.26175	0.394601	1.16813	1.16813	0.129868	1.33858	1.33858	0.0893363	0.716142	-1.39637	0.318942	0.832289	-1.20151	0.0905758	0.717247	-1.39422	0.0154828	0.589	-1.69779	0.263012	1.23119	1.23119	0.0844605	1.40516	1.40516	3.54449	1.78319	0.447188	1
cg12920798	TMEM91;B9D2	0.00278446	0.00285011	0.645279	-1.54972	0.101233	0.825762	-1.211	0.142798	0.845327	-1.18297	0.00778422	0.694529	-1.43982	0.725589	1.03831	1.03831	0.825713	0.976748	-1.02381	0.148941	1.17954	1.17954	0.0252093	1.32836	1.32836	0.00114544	1.66536	1.66536	8.74936	1.57703	0.160218	1
cg12037898	TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91	0.0093632	0.00426741	0.326197	-3.06563	0.00660549	0.355859	-2.8101	0.327732	1.34448	1.34448	0.425547	1.26924	1.26924	0.00506727	0.337661	-2.96155	0.0730225	1.79653	1.79653	0.0817337	0.568234	-1.75984	0.142622	0.630188	-1.58683	0.674218	0.883488	-1.13188	6.03601	8.20692	1.20859	1
cg17831002	TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91	0.0182719	0.159759	0.661284	-1.51221	0.0162765	0.445362	-2.24537	0.0157701	2.25786	2.25786	0.27873	1.36351	1.36351	0.268378	0.728055	-1.37352	0.145297	1.53809	1.53809	0.0120795	0.422507	-2.36682	0.0967416	0.605351	-1.65193	0.318969	0.753106	-1.32783	4.85059	5.82263	1.06702	1
cg12946214	TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91	0.0225696	0.0932905	0.594912	-1.68092	0.0114909	0.410878	-2.43381	0.0657165	1.78778	1.78778	0.164438	1.51785	1.51785	0.0396456	0.512064	-1.95288	0.0468437	1.89677	1.89677	0.146989	0.64543	-1.54936	0.143401	0.642534	-1.55634	0.631349	0.87284	-1.14569	4.51413	5.65799	1.11413	1
cg08676425	TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91	0.0360029	0.385692	0.718564	-1.39166	0.565483	0.805806	-1.24099	0.00646618	3.72789	3.72789	0.562857	1.24285	1.24285	0.085037	0.492775	-2.02932	0.0457689	2.34209	2.34209	0.0373177	0.40731	-2.45513	0.535327	0.791914	-1.26276	0.901374	0.95497	-1.04715	3.82772	8.37298	1.94441	1
cg08136809	TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91	3.20E-05	0.00172101	3.79545	3.79545	0.000455038	5.19118	5.19118	5.76E-06	20.9855	20.9855	0.000494319	5.085	5.085	0.112751	0.597642	-1.67324	5.39E-05	9.4409	9.4409	0.00144948	0.253571	-3.94367	0.264938	0.707205	-1.41402	0.194183	1.50616	1.50616	29.942	42.1622	1.25167	1
cg07663732	TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91	4.86E-05	0.000324044	0.388768	-2.57223	0.609356	0.919659	-1.08736	3.21E-06	6.00257	6.00257	0.0479422	0.692492	-1.44406	0.00419692	0.536224	-1.86489	0.0120604	1.66317	1.66317	0.00262088	0.508107	-1.96809	0.968351	0.993573	-1.00647	0.150736	0.778588	-1.28438	26.8281	11.2211	0.371787	1
cg27581031	TMEM92	0.00256983	0.238724	0.745716	-1.34099	0.0414118	0.571619	-1.74942	0.000168163	0.218127	-4.58449	0.0180303	0.505026	-1.9801	0.00894616	0.45355	-2.20483	0.00910041	0.454763	-2.19895	0.00156201	0.339314	-2.94713	0.14013	0.685626	-1.45852	0.00396189	0.397978	-2.5127	8.95906	8.0225	0.795967	1
cg25649895	TMEM92;TMEM92	7.14E-05	0.102977	0.846889	-1.18079	0.745089	0.970065	-1.03086	1.02E-05	0.414381	-2.41324	0.00092261	0.630598	-1.5858	0.274351	0.899458	-1.11178	0.00342185	0.690375	-1.44849	0.0057749	1.40067	1.40067	1.58E-05	0.436003	-2.29356	0.0744789	0.830995	-1.20338	24.2207	3.32941	0.122188	1
cg05269713	TMEM92;TMEM92	0.00490349	0.29614	1.32705	1.32705	0.363115	0.783382	-1.27652	0.273959	0.742787	-1.34628	0.893837	0.965726	-1.03549	0.146862	0.665864	-1.50181	0.00135169	0.29649	-3.37279	0.0780037	1.66779	1.66779	0.000418475	0.231964	-4.31101	0.162486	0.677402	-1.47623	7.38237	7.97677	0.960459	1
cg24182963	TMEM92;TMEM92	0.0368553	0.0123388	0.497966	-2.00817	0.0604789	0.622691	-1.60593	0.0165472	0.519379	-1.92538	0.295083	0.784281	-1.27505	0.447911	0.841071	-1.18896	0.694067	0.915336	-1.09249	0.0107563	0.488153	-2.04854	0.219142	1.33534	1.33534	0.694207	1.09245	1.09245	3.79528	3.01	0.70497	1
cg19786489	TMEM93;TAX1BP3;TAX1BP3;TMEM93	0.0394747	0.213367	1.20656	1.20656	0.0956497	0.769287	-1.2999	0.680397	0.942373	-1.06115	0.137134	0.794971	-1.25791	0.0122353	0.639381	-1.56401	0.433793	0.891855	-1.12126	0.305799	0.859035	-1.1641	0.00379719	0.571503	-1.74977	0.0945523	0.768487	-1.30126	3.7011	1.20367	0.289084	1
cg24394934	TMEM93;TAX1BP3;TMEM93	0.0178944	0.661372	1.13704	1.13704	?	?	?	0.20145	1.48588	1.48588	0.366403	1.31159	1.31159	0.0127688	0.393558	-2.54092	?	?	?	0.00812891	2.79144	2.79144	0.0988908	0.586069	-1.70628	?	?	?	5.81428	5.09268	1.02187	1
cg17656509	TMEM93;TAX1BP3;TMEM93;TAX1BP3	0.000397068	0.0014571	0.594479	-1.68214	0.00174463	0.603602	-1.65672	0.26772	0.877572	-1.13951	0.000263775	0.507598	-1.97006	0.00221701	0.615736	-1.62407	0.00100243	0.575516	-1.73757	0.00266422	1.5999	1.5999	0.543812	1.07197	1.07197	0.636937	1.05525	1.05525	15.2311	3.08647	0.180127	1
cg25026013	TMEM93;TAX1BP3;TMEM93;TAX1BP3	0.00452496	0.371458	0.680113	-1.47034	0.000111111	0.0575172	-17.3861	0.651125	1.21074	1.21074	0.156709	0.529228	-1.88954	0.833499	1.09246	1.09246	0.274941	0.620543	-1.61149	0.0178717	3.35096	3.35096	0.804437	1.10984	1.10984	0.571282	1.27169	1.27169	7.56501	21.143	2.48431	1
cg24763869	TMEM93;TMEM93;TAX1BP3	0.0193888	0.778774	1.04064	1.04064	0.0912177	1.30103	1.30103	0.634963	0.934581	-1.07	0.136139	1.25505	1.25505	0.319355	1.15671	1.15671	0.778729	1.04065	1.04065	0.000891395	0.494616	-2.02177	0.378581	0.880033	-1.13632	0.105672	1.28407	1.28407	4.75436	1.50689	0.281733	1
cg13345380	TMEM93;TMEM93;TAX1BP3	0.0207011	0.437733	0.853101	-1.17219	0.00521067	2.09573	2.09573	0.263726	0.791495	-1.26343	0.312967	0.811012	-1.23303	0.559514	1.12574	1.12574	0.0362875	0.613508	-1.62997	0.0075985	0.50207	-1.99176	0.112036	0.706591	-1.41524	0.62122	0.904867	-1.10513	4.64971	2.96648	0.567104	1
cg10425946	TMEM93;TMEM93;TAX1BP3	0.0340256	0.675482	0.961245	-1.04032	0.00490585	1.41899	1.41899	0.0428599	1.24459	1.24459	0.966613	1.00394	1.00394	0.0596756	0.819131	-1.22081	0.247347	0.892659	-1.12025	0.123141	0.854875	-1.16976	0.653062	0.958411	-1.04339	0.264204	1.11545	1.11545	3.90678	0.545327	0.124075	1
cg03877919	TMEM93;TMEM93;TMEM93;TAX1BP3	0.0149878	0.284056	1.13438	1.13438	0.0739781	0.798017	-1.25311	0.00671626	0.671478	-1.48925	0.279823	1.13575	1.13575	0.56105	0.935576	-1.06886	0.888334	1.01605	1.01605	0.0311709	1.33179	1.33179	0.010493	0.694256	-1.44039	0.0342148	0.755826	-1.32306	5.1821	1.05356	0.180718	1
cg11861986	TMEM93;TMEM93;TMEM93;TMEM93;TAX1BP3	0.00143551	0.0974611	1.6802	1.6802	0.773066	1.086	1.086	0.418386	1.26611	1.26611	0.0113485	0.40475	-2.47066	0.530664	1.19869	1.19869	0.00417757	0.334485	-2.98967	4.66E-05	0.111618	-8.95912	0.758176	0.915653	-1.09212	0.64568	0.876254	-1.14122	10.6129	13.6853	1.14622	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01697541	TMEM97	0.000363667	?	?	?	?	?	?	?	?	?	0.000359006	3.29635	3.29635	0.000123979	4.78005	4.78005	0.00404143	1.87904	1.87904	?	?	?	0.029256	0.702337	-1.42382	?	?	?	89.4905	7.01373	0.0783741	1
cg21784498	TMEM97	0.00419918	?	?	?	0.00968157	2.74852	2.74852	0.353992	0.796207	-1.25595	?	?	?	0.000985663	6.55586	6.55586	?	?	?	?	?	?	0.124571	1.52467	1.52467	0.0235403	0.460706	-2.17058	24.6152	10.1044	0.328395	1
cg08959305	TMEM97	0.00424342	0.0405528	0.6247	-1.60077	0.539048	0.883633	-1.13169	0.389699	1.19166	1.19166	0.00138842	0.397779	-2.51396	0.506418	1.14351	1.14351	0.00348058	0.454399	-2.20071	?	?	?	0.305257	0.809626	-1.23514	0.00848831	1.95098	1.95098	7.88128	4.39057	0.557089	1
cg12694510	TMEM97	0.00437273	0.0468497	0.790522	-1.26499	0.302303	0.895487	-1.11671	0.128549	1.18495	1.18495	0.00263915	0.650589	-1.53707	0.0185505	0.744587	-1.34303	0.0109711	0.719124	-1.39058	0.145132	0.850757	-1.17542	0.017019	1.35064	1.35064	0.0331845	1.29332	1.29332	7.64392	1.29191	0.150233	1
cg19026207	TMEM97	0.00812753	0.537984	1.11016	1.11016	0.19405	0.794325	-1.25893	0.0903188	0.731405	-1.36723	0.00730857	1.7854	1.7854	0.0774434	1.38949	1.38949	0.140855	0.766866	-1.30401	0.00089504	0.434564	-2.30116	0.602866	0.915792	-1.09195	0.910525	0.981337	-1.01902	6.31264	2.80782	0.395372	1
cg10494684	TMEM97	0.0330817	0.388769	0.624572	-1.6011	0.028884	3.94711	3.94711	0.658913	1.26709	1.26709	0.0389714	3.57344	3.57344	0.0183102	0.217447	-4.59882	0.052058	0.307985	-3.24691	0.871413	0.917297	-1.09016	0.0962955	0.377894	-2.64624	0.507269	1.43119	1.43119	3.94655	17.7497	3.99781	1
cg04847920	TMEM98;TMEM98	0.000629659	0.0177095	0.820415	-1.2189	0.00117826	0.721364	-1.38626	0.0952987	1.13402	1.13402	0.127496	0.893066	-1.11974	0.01793	1.21824	1.21824	0.175188	1.104	1.104	0.000110593	0.626989	-1.59492	0.00663136	0.785198	-1.27356	0.00765826	0.790386	-1.2652	13.4022	0.999649	0.0663009	1
cg23313274	TMEM98;TMEM98	0.0284178	0.499126	1.19706	1.19706	0.080088	0.601053	-1.66375	0.495118	1.19914	1.19914	0.932119	1.02259	1.02259	0.0244705	2.01916	2.01916	0.00747385	2.46669	2.46669	0.0060439	2.56031	2.56031	0.312153	1.31535	1.31535	0.874223	1.04241	1.04241	4.16597	4.53478	0.967581	1
cg09093342	TMEM99	2.02E-05	0.000474351	0.505123	-1.97971	0.444093	1.10195	1.10195	0.0404373	0.744892	-1.34248	4.34E-05	0.380728	-2.62655	8.15E-06	0.297431	-3.36212	0.0384591	0.742008	-1.34769	1.61E-06	0.222453	-4.49533	0.542242	1.07978	1.07978	0.0194992	0.703759	-1.42094	33.7663	8.28018	0.217974	1
cg11089813	TMEM99	0.00408262	0.150689	0.771512	-1.29616	0.266472	1.2153	1.2153	0.187735	0.790482	-1.26505	0.000651332	0.414642	-2.41172	0.143225	0.767249	-1.30336	0.255687	1.2212	1.2212	0.000458405	0.394876	-2.53244	0.422796	1.14785	1.14785	0.441636	0.87622	-1.14127	7.80423	3.50576	0.399301	1
cg21265427	TMEM99	0.0167937	0.00957792	3.6903	3.6903	0.601112	0.810614	-1.23363	0.0690729	0.445001	-2.24719	0.287443	1.55213	1.55213	0.0306725	0.364001	-2.74725	0.371673	1.44065	1.44065	0.591579	0.806067	-1.24059	0.00713449	3.98737	3.98737	0.0988606	2.05501	2.05501	4.98981	12.5206	2.23044	1
cg13672106	TMEM99	0.0254632	0.457888	0.686541	-1.45658	0.950799	0.969766	-1.03118	0.00643937	0.171543	-5.82944	0.391273	1.54808	1.54808	0.00265992	0.126495	-7.90546	0.907223	0.943647	-1.05972	0.335897	0.610375	-1.63834	0.229756	1.87189	1.87189	0.0660734	0.358509	-2.78933	4.32947	16.9727	3.48468	1
cg26086101	TMEM99	0.0480172	0.515622	1.17771	1.17771	0.16562	0.692865	-1.44328	0.766479	1.0767	1.0767	0.321128	0.775413	-1.28963	0.00436583	0.388743	-2.57239	0.942082	0.982131	-1.01819	0.00842293	0.433898	-2.30469	0.766743	1.07661	1.07661	0.69695	1.10198	1.10198	3.4405	3.35517	0.866842	1
cg01430372	TMEM99;KRT10	0.000537357	0.0113803	0.799664	-1.25053	0.0173917	0.815169	-1.22674	0.00138294	0.720911	-1.38713	0.00105355	0.710383	-1.40769	3.11E-05	0.563618	-1.77425	0.00193298	0.733733	-1.36289	0.748053	0.977514	-1.023	0.00369998	0.758205	-1.3189	0.00377384	0.758943	-1.31762	14.0074	1.10478	0.0701078	1
cg13464004	TMEM99;KRT10	0.0468511	0.0350175	0.067676	-14.7763	0.0455779	0.0809911	-12.347	0.0616244	0.0994593	-10.0544	0.962592	1.05276	1.05276	0.00919488	0.0266303	-37.5512	0.258751	0.27477	-3.6394	0.0165711	0.0404135	-24.7442	0.279057	0.291172	-3.43439	0.0329354	0.0649017	-15.4079	3.47256	66.1046	16.9211	1
cg01632497	TMEM9B	0.00169127	0.781429	0.978547	-1.02192	0.00033836	1.56887	1.56887	0.965614	0.996644	-1.00337	0.419335	0.937691	-1.06645	0.187331	1.11512	1.11512	0.827675	0.983146	-1.01714	0.000544747	0.657728	-1.52039	0.391459	0.933833	-1.07086	0.00765263	1.30643	1.30643	10.1228	0.974613	0.0855809	1
cg16733419	TMEM9B	0.00226859	0.00324563	0.277852	-3.59903	0.0130567	0.374429	-2.67073	0.00892049	0.345972	-2.8904	0.06638	0.51848	-1.92871	0.00141701	0.229123	-4.36448	0.306173	0.713199	-1.40213	0.000160419	0.127841	-7.82221	0.93988	0.976223	-1.02436	0.021652	0.414934	-2.41002	9.29337	14.9801	1.43281	1
cg24574546	TMEM9B	0.00730499	0.0149837	0.310622	-3.21935	0.00415231	0.222686	-4.49062	0.0734216	0.458269	-2.18212	0.024543	0.350976	-2.8492	0.0254621	0.354155	-2.82362	0.00759651	0.26131	-3.82688	0.00102266	0.149083	-6.70768	0.698571	1.1643	1.1643	0.0524347	0.422245	-2.36829	6.52761	15.7981	2.15128	1
cg27314503	TMF1	0.0122899	0.00603193	0.204805	-4.88269	0.0599859	0.391429	-2.55474	0.0108866	0.243396	-4.10854	0.580889	1.27952	1.27952	0.010132	0.238414	-4.19438	0.0356074	0.339195	-2.94816	0.00379726	0.17803	-5.61702	0.571375	0.776594	-1.28767	0.0261295	0.311432	-3.21097	5.53045	17.1136	2.75061	1
cg06656625	TMF1	0.0176081	0.904921	1.02679	1.02679	0.061436	0.627394	-1.5939	0.0399555	0.591375	-1.69097	0.0485878	0.607486	-1.64613	0.00272237	0.400217	-2.49864	0.0218917	1.83766	1.83766	0.917116	0.977233	-1.0233	0.119747	0.688342	-1.45277	0.276285	0.778376	-1.28473	4.91131	3.8074	0.689094	1
cg25436946	TMF1;TMF1	0.00651184	0.543065	1.41431	1.41431	0.0282027	4.69632	4.69632	0.00555828	9.67774	9.67774	0.18566	0.447636	-2.23396	?	?	?	0.00205841	0.0617432	-16.1961	0.134614	0.394686	-2.53366	?	?	?	0.310464	1.81423	1.81423	9.75429	35.9676	3.1606	1
cg16620797	TMIE	0.0162684	0.735432	1.06428	1.06428	0.0136292	1.75156	1.75156	0.873872	1.02961	1.02961	0.383263	0.848555	-1.17847	0.694442	1.07521	1.07521	0.612359	1.0984	1.0984	0.000370231	2.84818	2.84818	0.941555	0.986623	-1.01356	0.926432	1.01711	1.01711	5.04299	2.69449	0.474938	1
cg08454125	TMIE	0.0228247	0.0343699	0.321096	-3.11433	0.038343	0.331315	-3.01828	0.00550116	0.18639	-5.36509	0.0208387	0.277961	-3.59763	0.028735	0.305005	-3.27864	0.0580263	0.37298	-2.68111	0.00705979	0.201352	-4.96644	0.0543584	0.36608	-2.73165	0.0513734	0.360217	-2.7761	4.49669	15.0891	2.98275	1
cg23075327	TMIE	0.0403138	0.0386504	0.705019	-1.4184	0.111525	1.28784	1.28784	0.245846	1.19379	1.19379	0.29349	0.852967	-1.17238	0.0229277	0.672237	-1.48757	0.224565	0.830123	-1.20464	0.219243	0.828153	-1.20751	0.198066	0.819933	-1.21961	0.0446269	1.40003	1.40003	3.67255	1.23888	0.299853	1
cg10781870	TMIGD1	0.00497646	0.16067	0.761762	-1.31275	0.0709194	0.69322	-1.44254	0.00424579	0.499104	-2.00359	0.360335	1.18622	1.18622	0.000608057	0.383123	-2.61013	0.213298	0.788207	-1.2687	0.019277	0.598082	-1.67201	0.203127	1.2763	1.2763	0.00620543	0.523103	-1.91167	7.34917	3.83826	0.464241	1
cg26310969	TMIGD1	0.0349789	0.251041	0.76952	-1.29951	0.445298	0.843687	-1.18527	0.19184	0.739467	-1.35233	0.957061	1.01183	1.01183	0.00218041	0.390947	-2.55789	0.00468139	0.439854	-2.27348	0.823641	1.04997	1.04997	0.958336	1.01148	1.01148	0.654948	0.90641	-1.10325	3.86797	2.92344	0.671828	1
cg07664000	TMIGD1	0.0357718	0.0307228	0.195231	-5.12215	0.0188387	0.160197	-6.24233	0.0244177	0.177978	-5.61866	0.0519968	0.240995	-4.14947	0.102928	0.317153	-3.15305	0.111139	0.327232	-3.05593	0.0053386	0.0942088	-10.6147	0.22942	0.444077	-2.25186	0.0306424	0.195025	-5.12755	3.83668	25.1749	5.83257	1
cg22547480	TMIGD1	0.0384717	0.0585567	0.286472	-3.49074	0.0252651	0.210924	-4.74104	0.306076	0.537987	-1.85878	0.673502	1.28135	1.28135	0.00170823	0.0727983	-13.7366	0.0683319	0.303029	-3.30001	0.489846	0.66341	-1.50736	0.205555	0.457831	-2.18421	0.148897	0.4043	-2.47341	3.73622	20.2507	4.81787	1
cg20790056	TMIGD2;TMIGD2	0.00020759	0.00047934	0.494403	-2.02264	0.000190865	0.445696	-2.24368	7.34E-05	0.395767	-2.52674	0.0086108	0.65008	-1.53827	0.000130159	0.425612	-2.34956	0.0296215	0.719522	-1.38981	0.13352	0.812179	-1.23126	0.000260014	0.461993	-2.16453	0.00097576	0.532292	-1.87867	18.1865	4.75943	0.232624	1
cg10223982	TMIGD2;TMIGD2	0.00838128	0.361899	0.90941	-1.09961	0.107348	1.19492	1.19492	0.303011	1.11416	1.11416	0.341099	0.90538	-1.10451	0.155571	1.16645	1.16645	0.736297	0.966332	-1.03484	0.000320848	1.80389	1.80389	0.00723312	1.42072	1.42072	0.81	0.97589	-1.02471	6.25173	1.01655	0.144536	1
cg22245273	TMIGD2;TMIGD2	0.0238076	0.0325986	0.458592	-2.18059	0.446052	0.78496	-1.27395	0.0100393	0.363144	-2.75373	0.12943	0.600075	-1.66646	0.00564871	0.322368	-3.10205	0.616043	1.1707	1.1707	0.0265668	0.44068	-2.26922	0.0220934	0.42506	-2.35261	0.0347936	0.464431	-2.15317	4.43173	6.82007	1.36793	1
cg11980819	TMIGD2;TMIGD2	0.0362538	0.487329	0.819661	-1.22002	0.276799	0.727047	-1.37543	0.00137863	0.270507	-3.69677	0.049441	0.53162	-1.88104	0.408666	0.788084	-1.2689	0.531211	1.19571	1.19571	0.491341	1.21772	1.21772	0.187904	0.674864	-1.48178	0.0502319	0.533098	-1.87583	3.81808	4.80226	1.11802	1
cg12830022	TMLHE	0.000724196	0.392253	1.23225	1.23225	2.10E-05	0.129551	-7.71899	0.0821816	0.632026	-1.58221	0.294175	0.771632	-1.29595	0.0678871	0.614313	-1.62784	0.0824415	1.58147	1.58147	0.73123	1.08562	1.08562	0.0668213	0.612872	-1.63166	0.00106484	0.315815	-3.16641	12.8876	11.5878	0.799238	1
cg12115116	TMLHE	0.0284855	0.036992	0.462922	-2.16019	0.052102	0.495323	-2.01889	0.113396	0.578235	-1.7294	0.158398	1.61516	1.61516	0.0119441	0.368848	-2.71115	0.0281746	0.438597	-2.28	0.0254711	0.429877	-2.32625	0.836979	0.936589	-1.0677	0.387511	1.32529	1.32529	4.16248	6.66514	1.42333	1
cg25494064	TMOD1;TMOD1	0.000448292	0.00129263	1.80413	1.80413	0.000870729	0.533319	-1.87505	0.985006	0.997638	-1.00237	0.0321972	1.37127	1.37127	0.480223	0.913641	-1.09452	0.106738	1.24813	1.24813	8.44E-05	2.43446	2.43446	0.00370262	1.63821	1.63821	0.0523185	1.32017	1.32017	14.7292	3.69515	0.222997	1
cg14491667	TMOD1;TMOD1	0.00759982	0.00269327	0.130411	-7.66804	0.461127	0.69172	-1.44567	0.37961	0.642258	-1.55701	0.0374613	0.305426	-3.27411	0.00955648	0.199457	-5.0136	0.0191891	0.248594	-4.02263	0.000638349	0.0760898	-13.1424	0.863763	1.08803	1.08803	0.0928547	0.403201	-2.48015	6.44724	24.6405	3.39722	1
cg16079347	TMOD1;TMOD1	0.0232882	0.0306217	3.51025	3.51025	0.0135747	4.52631	4.52631	0.100874	2.431	2.431	0.331339	1.64131	1.64131	0.614182	1.28569	1.28569	0.715788	1.19814	1.19814	0.818584	1.12028	1.12028	0.0016653	9.23961	9.23961	0.0130219	4.58656	4.58656	4.46564	17.2853	3.44066	1
cg16082058	TMOD1;TMOD1	0.0452433	0.0328404	4.39575	4.39575	0.068391	3.35406	3.35406	0.112831	2.78339	2.78339	0.135153	2.59932	2.59932	0.379278	1.70742	1.70742	0.467298	1.55068	1.55068	0.880135	1.09363	1.09363	0.00291081	11.3213	11.3213	0.0196331	5.32298	5.32298	3.51841	19.603	4.95248	1
ch.15.658653F	TMOD2;TMOD2	0.00010309	0.00078718	0.374181	-2.67251	0.00359833	2.11478	2.11478	6.57E-05	0.230194	-4.34416	8.83E-05	0.245912	-4.0665	0.0552981	0.669907	-1.49274	0.060649	1.47652	1.47652	0.000243519	0.303041	-3.29989	0.00819907	1.88979	1.88979	0.929579	0.984145	-1.01611	28.724	14.5584	0.394207	1
cg26341661	TMOD2;TMOD2	0.0302091	0.871692	0.965132	-1.03613	0.0379462	1.69618	1.69618	0.1722	1.37583	1.37583	0.780478	1.06327	1.06327	0.0273189	1.77423	1.77423	0.560503	0.878765	-1.13796	0.43171	0.838452	-1.19267	0.0016087	2.69991	2.69991	0.274212	1.28379	1.28379	4.07676	3.11284	0.678717	1
cg18541904	TMOD2;TMOD2;LYSMD2	0.000135387	0.0494744	0.796455	-1.25556	0.0933896	0.829144	-1.20606	0.000922695	0.605032	-1.65281	0.0317966	0.774535	-1.2911	7.12E-05	0.479439	-2.08577	0.19153	0.869025	-1.15072	6.10E-06	0.357544	-2.79686	0.0566985	0.803328	-1.24482	0.000239055	0.53928	-1.85432	20.4126	3.33237	0.145112	1
cg00919857	TMOD2;TMOD2;LYSMD2	0.000136648	0.116471	1.31252	1.31252	8.65E-05	3.07435	3.07435	0.00215956	1.98687	1.98687	0.000187012	2.73272	2.73272	0.0419884	1.45301	1.45301	0.382558	0.866953	-1.15346	0.0185818	0.634442	-1.57619	2.76E-05	3.73313	3.73313	0.0162757	1.59749	1.59749	20.3617	8.19733	0.357854	1
cg19965589	TMOD2;TMOD2;LYSMD2	0.000349678	0.0130485	0.650568	-1.53712	0.0185094	1.48995	1.48995	0.680784	1.05945	1.05945	2.40E-05	3.23997	3.23997	0.00100178	0.505651	-1.97765	0.0453607	0.725823	-1.37775	0.766935	1.04236	1.04236	0.744183	1.04677	1.04677	0.126573	1.25949	1.25949	15.7732	4.86818	0.274343	1
cg02382044	TMOD3	1.26E-05	0.443536	1.12154	1.12154	0.00991437	0.619823	-1.61336	0.00119264	0.497872	-2.00855	0.00497636	0.579337	-1.72611	0.000250278	0.411888	-2.42785	0.0332555	0.693935	-1.44106	1.77E-07	0.0944201	-10.591	0.469354	1.11414	1.11414	0.00036111	0.431782	-2.31599	38.197	13.0412	0.303484	1
cg08302468	TMOD3	0.00297225	0.326677	1.13575	1.13575	0.00283368	0.596474	-1.67652	0.00689037	0.644208	-1.55229	0.394027	1.116	1.116	0.0497045	0.754708	-1.32502	0.0134056	1.46954	1.46954	0.0106204	1.49763	1.49763	0.0150709	0.686939	-1.45573	0.110182	0.803439	-1.24465	8.58179	2.14777	0.222463	1
cg21549477	TMOD3	0.00535452	0.412378	1.21586	1.21586	0.000545928	0.285722	-3.4999	0.000944956	0.316691	-3.15765	0.222343	0.741498	-1.34862	0.126274	0.679932	-1.47074	0.360954	1.24485	1.24485	0.897218	1.0306	1.0306	0.162128	0.706035	-1.41636	0.322012	1.26945	1.26945	7.18641	6.19007	0.765651	1
cg05884392	TMOD3	0.012718	0.0228392	0.621869	-1.60806	0.0213041	1.62039	1.62039	0.873208	1.02825	1.02825	0.107765	0.736318	-1.35811	0.0328157	1.54568	1.54568	0.00303483	0.492429	-2.03075	0.580327	0.907192	-1.1023	0.932912	1.01479	1.01479	0.386489	1.16746	1.16746	5.46915	2.63477	0.428223	1
cg14056668	TMOD3	0.0301839	0.126559	1.30346	1.30346	0.408341	1.14524	1.14524	0.0487543	0.697038	-1.43464	0.138619	1.2913	1.2913	0.0170698	1.59405	1.59405	0.110241	0.756448	-1.32197	0.904906	1.01935	1.01935	0.979435	1.00414	1.00414	0.0095381	1.69293	1.69293	4.07797	1.66074	0.361996	1
cg19686152	TMOD3	0.0462114	0.0251561	0.234404	-4.26615	0.0103788	0.172308	-5.80355	0.183647	0.463722	-2.15646	0.13468	0.415358	-2.40756	0.0362204	0.265347	-3.76865	0.101113	0.376041	-2.65929	0.00712608	0.150553	-6.64216	0.189431	0.468949	-2.13243	0.119652	0.398567	-2.50899	3.49057	16.4066	4.17801	1
cg16275172	TMOD3;TMOD3	0.00249136	0.000876979	1.46311	1.46311	0.254564	1.09499	1.09499	0.018903	1.24217	1.24217	0.560746	1.04589	1.04589	0.000120517	1.66952	1.66952	0.91369	0.991764	-1.0083	0.0262601	1.22271	1.22271	0.398839	0.936237	-1.06811	0.143031	1.12757	1.12757	9.04125	0.833154	0.0819113	1
cg11333007	TMOD3;TMOD3	0.0487549	0.0175107	1.5365	1.5365	0.10932	1.29608	1.29608	0.026102	1.48011	1.48011	0.253509	1.19379	1.19379	0.0122894	1.58912	1.58912	0.0370489	1.43283	1.43283	0.0391136	1.42567	1.42567	0.0437388	1.41104	1.41104	0.15379	1.2546	1.2546	3.42071	1.19531	0.310606	1
cg10973881	TMOD4	0.0319647	0.0170617	0.234814	-4.25868	0.0650503	0.35624	-2.8071	0.0886968	0.392336	-2.54883	0.276486	0.568934	-1.75767	0.0143989	0.222478	-4.49483	0.0399139	0.306253	-3.26527	0.0111376	0.204856	-4.88147	0.900101	1.06457	1.06457	0.015041	0.225595	-4.43271	3.99546	15.7094	3.49495	1
cg05163509	TMOD4;TMOD4	0.0460698	0.0060646	0.254037	-3.93643	0.139167	0.544108	-1.83787	0.0795251	0.475135	-2.10467	0.243751	0.627296	-1.59414	0.0318104	0.382088	-2.6172	0.0445199	0.413889	-2.41611	0.0171264	0.329225	-3.03743	0.0778635	0.472743	-2.11532	0.0571648	0.439201	-2.27686	3.4946	8.09161	2.05819	1
cg22261158	TMPO;TMPO	0.00539993	0.00130481	0.465471	-2.14836	0.0032277	0.518721	-1.92782	0.233037	0.815244	-1.22663	0.0125509	0.602202	-1.66057	0.00103468	0.452104	-2.21188	0.0473079	0.690239	-1.44877	0.119722	0.758988	-1.31754	0.635424	1.08114	1.08114	0.0891719	0.736238	-1.35826	7.16783	3.02925	0.37566	1
cg26869501	TMPO;TMPO;TMPO	0.000338887	0.124193	0.855504	-1.1689	0.0187474	0.765665	-1.30605	0.00174366	0.65808	-1.51957	0.024355	1.28601	1.28601	0.189057	1.13932	1.13932	0.00857559	1.36933	1.36933	0.0490674	0.810081	-1.23444	0.258083	1.11698	1.11698	2.50E-05	0.456054	-2.19272	15.9096	2.21435	0.123719	1
cg09840122	TMPO;TMPO;TMPO	0.0387402	0.114629	0.669419	-1.49383	0.760446	0.930969	-1.07415	0.896631	1.03087	1.03087	0.715814	0.918034	-1.08928	0.274058	0.766275	-1.30501	0.0613669	0.610778	-1.63726	0.775317	1.06923	1.06923	0.00208472	2.75456	2.75456	0.396414	0.816173	-1.22523	3.72671	3.22917	0.770216	1
cg14599871	TMPO;TMPO;TMPO;LOC100128191	0.00307831	0.0665083	0.809294	-1.23564	0.000525716	1.74294	1.74294	0.0044114	1.47816	1.47816	0.179453	1.15792	1.15792	0.927572	1.00939	1.00939	0.111824	0.836894	-1.19489	0.708358	0.962098	-1.03939	0.0154808	1.35717	1.35717	0.00700584	1.43127	1.43127	8.49288	1.42223	0.148854	1
cg23264519	TMPO;TMPO;TMPO;LOC100128191	0.0055633	0.488288	0.905009	-1.10496	0.864427	1.02452	1.02452	0.00961014	1.59157	1.59157	0.41505	0.888605	-1.12536	0.96404	0.993629	-1.00641	0.157284	1.23912	1.23912	0.000984039	0.499344	-2.00263	0.00734756	1.63203	1.63203	0.0536905	1.36421	1.36421	7.10255	2.26062	0.282918	1
cg11625178	TMPO;TMPO;TMPO;TMPO;LOC100128191;TMPO	0.00108107	0.887675	0.984691	-1.01555	0.388084	1.10138	1.10138	0.0969247	1.22005	1.22005	0.787364	1.02995	1.02995	0.693078	0.957623	-1.04425	6.96E-05	0.45247	-2.21009	0.00729836	0.685464	-1.45887	0.00622542	0.677551	-1.4759	0.0116039	1.4112	1.4112	11.509	2.17191	0.167747	1
cg20789993	TMPPE;GLB1;TMPPE;GLB1;GLB1	0.000727412	0.497876	0.812766	-1.23037	0.342642	1.3425	1.3425	0.158212	0.634784	-1.57534	7.00E-06	0.0499829	-20.0068	0.410447	1.28863	1.28863	0.455286	1.25747	1.25747	0.454423	0.794888	-1.25804	0.352393	0.749541	-1.33415	0.637911	0.866922	-1.15351	12.8716	18.5013	1.27767	1
cg24724561	TMPPE;GLB1;TMPPE;GLB1;GLB1	0.0234983	0.143797	1.29492	1.29492	0.0192085	1.59387	1.59387	0.587342	0.913779	-1.09436	0.270255	0.827871	-1.20792	0.253047	1.21706	1.21706	0.00538123	1.82763	1.82763	0.920711	1.01652	1.01652	0.0317443	0.660824	-1.51326	0.252211	0.821341	-1.21752	4.45181	1.90917	0.381202	1
cg15183126	TMPPE;TMPPE;GLB1;GLB1;GLB1	0.0124463	0.0426556	1.16287	1.16287	0.029793	0.847606	-1.17979	0.179399	1.0966	1.0966	0.280073	0.929971	-1.0753	0.536282	1.04132	1.04132	0.0374477	0.855451	-1.16897	0.67886	1.02728	1.02728	0.294013	1.07291	1.07291	0.00170657	1.33594	1.33594	5.50776	0.364687	0.0588563	1
cg23734503	TMPRSS11A;TMPRSS11A	2.21E-05	4.90E-07	0.134527	-7.43344	0.891824	0.980819	-1.01956	0.000583172	0.469135	-2.13158	0.908418	1.01651	1.01651	0.000911429	0.493702	-2.02551	0.00888066	0.622523	-1.60637	0.00306765	0.561549	-1.78079	0.0650733	1.34289	1.34289	0.000188939	0.408139	-2.45015	32.9825	10.5831	0.285217	1
cg06417592	TMPRSS11A;TMPRSS11A	0.00678306	0.00272805	0.541934	-1.84524	0.00506907	0.577761	-1.73082	0.0172486	0.650808	-1.53655	0.0290885	0.683304	-1.46348	0.0128398	0.63286	-1.58013	0.725825	0.949207	-1.05351	0.00342234	0.554974	-1.80189	0.0369296	0.698521	-1.4316	0.00514803	0.578663	-1.72812	6.6803	2.3193	0.308609	1
cg26673722	TMPRSS11A;TMPRSS11A	0.0123664	0.00182025	0.0441151	-22.668	0.16582	0.353177	-2.83144	0.0287296	0.162543	-6.15221	0.598332	0.687717	-1.45409	0.00629406	0.0815768	-12.2584	0.12374	0.309112	-3.23507	0.00346076	0.0610987	-16.367	0.179321	0.366218	-2.73061	0.0188189	0.134772	-7.41997	5.51931	43.3531	6.98205	1
cg08789697	TMPRSS11A;TMPRSS11A	0.0263255	0.00117538	0.0876971	-11.4029	0.746918	0.847454	-1.18	0.315334	0.588172	-1.70018	0.0799989	0.370467	-2.69929	0.0426656	0.303342	-3.29661	0.198225	0.499014	-2.00395	0.409001	0.649421	-1.53983	0.676147	0.806741	-1.23956	0.00756541	0.172669	-5.79142	4.27942	17.711	3.6788	1
cg19510180	TMPRSS11B	0.000151179	0.00181647	0.305493	-3.27339	0.00703429	0.393762	-2.53961	0.000179701	0.183332	-5.45457	0.276977	0.739008	-1.35316	0.0812969	0.596364	-1.67683	0.00188357	0.307689	-3.25003	6.56E-06	0.0683315	-14.6345	0.077813	0.592011	-1.68916	0.000211233	0.190743	-5.24266	19.8151	22.4542	1.00728	1
cg09415518	TMPRSS11B	0.0164272	0.00861747	0.091468	-10.9328	0.0162125	0.122503	-8.16305	0.0418932	0.187439	-5.33506	0.0491622	0.20122	-4.96969	0.0153892	0.119629	-8.3592	0.0271935	0.154654	-6.46603	0.00290285	0.0537879	-18.5915	0.130397	0.31149	-3.21038	0.0254993	0.150269	-6.65475	5.02669	40.5871	7.17718	1
cg06399881	TMPRSS11B;TMPRSS11B	1.45E-06	3.67E-07	0.0970448	-10.3045	0.813523	1.03839	1.03839	9.35E-06	0.217574	-4.59615	0.000464603	0.415727	-2.40543	3.67E-07	0.0970924	-10.2995	3.40E-06	0.174613	-5.72694	2.30E-05	0.259198	-3.85806	0.608622	0.920969	-1.08581	0.000157314	0.356733	-2.80321	66.7043	26.8472	0.357761	1
cg02975223	TMPRSS11D	2.86E-05	3.57E-07	0.133988	-7.46335	0.340594	0.874208	-1.14389	0.0145588	0.662364	-1.50974	0.0194874	0.679403	-1.47188	0.323483	0.869713	-1.1498	0.563083	0.923088	-1.08332	0.0811402	1.30303	1.30303	0.0910698	1.29018	1.29018	0.000823372	0.50168	-1.9933	30.8367	9.15151	0.263799	1
cg00771217	TMPRSS11D	3.34E-05	1.53E-05	0.177289	-5.64051	0.00374606	0.469335	-2.13067	0.00209172	0.4331	-2.30894	0.0305749	0.611953	-1.63411	8.13E-06	0.151977	-6.57995	0.749066	0.939857	-1.06399	0.000662828	0.365112	-2.73888	0.00692296	0.508909	-1.96499	6.40E-06	0.142948	-6.99556	29.6161	17.5216	0.525887	1
cg27634130	TMPRSS11D	0.0073694	0.661126	1.09134	1.09134	0.0661868	0.664764	-1.50429	0.008019	0.510104	-1.96039	0.753534	1.0644	1.0644	0.179163	0.753712	-1.32677	0.00445286	2.12073	2.12073	0.177633	1.32826	1.32826	0.00527721	2.07246	2.07246	0.232049	0.780091	-1.2819	6.50971	4.04771	0.552707	1
cg01314555	TMPRSS11E	8.57E-05	0.000596372	0.334002	-2.99399	0.00018038	0.269349	-3.71265	2.05E-05	0.168562	-5.93253	0.181558	1.3411	1.3411	0.872176	1.03388	1.03388	0.212581	0.762094	-1.31217	0.00314678	2.3054	2.3054	0.0833941	0.6726	-1.48677	0.00014805	0.259267	-3.85703	23.0689	15.6467	0.602897	1
cg16427899	TMPRSS11E	0.00024238	6.89E-05	0.157946	-6.33127	0.00981027	0.436858	-2.28908	0.00562219	0.3977	-2.51446	8.30E-05	0.165733	-6.03382	0.000828376	0.278861	-3.58602	0.000766559	0.274527	-3.64263	0.00139335	0.30886	-3.23771	0.0208357	0.493821	-2.02502	0.00023505	0.21294	-4.69616	17.4364	17.7699	0.905891	1
cg17631424	TMPRSS11E	0.00265983	0.000821113	0.242816	-4.11834	0.796971	0.930172	-1.07507	0.0331351	0.49691	-2.01244	0.119769	0.622553	-1.60629	0.0194103	0.452241	-2.21121	0.426663	0.796211	-1.25595	0.00206449	0.295733	-3.38143	0.00480466	2.8594	2.8594	0.415808	1.26303	1.26303	8.86856	11.0728	1.10981	1
cg03031383	TMPRSS11E	0.00624392	0.000350751	0.121674	-8.21866	0.729786	0.880617	-1.13557	0.130557	0.549552	-1.81966	0.0571884	0.45435	-2.20095	0.00442657	0.248436	-4.02518	0.0488495	0.438333	-2.28137	0.00351474	0.234264	-4.26869	0.888731	0.949969	-1.05267	0.14505	0.563385	-1.77498	6.85421	14.593	1.89249	1
cg24792113	TMPRSS11E;TMPRSS11E	0.0250956	0.012231	0.120763	-8.28067	0.0140033	0.128102	-7.80626	0.0391279	0.198531	-5.037	0.0873538	0.278529	-3.59029	0.0201996	0.150017	-6.66593	0.0257313	0.166314	-6.01272	0.0100269	0.110658	-9.03689	0.0382162	0.19657	-5.08725	0.0462314	0.212965	-4.69561	4.35145	31.6093	6.45697	1
cg13895046	TMPRSS11F	1.72E-05	1.99E-07	0.0317825	-31.4639	0.828545	1.04839	1.04839	0.000332659	0.283132	-3.53192	0.871205	0.965262	-1.03599	0.649492	1.10484	1.10484	0.898166	0.972486	-1.02829	0.184991	1.35842	1.35842	0.58787	0.887607	-1.12663	0.00498816	0.444959	-2.2474	35.2444	26.5035	0.668437	1
cg02936740	TMPRSS11F	4.49E-05	8.32E-07	0.0875221	-11.4257	0.126192	0.736217	-1.3583	0.000167691	0.305534	-3.27296	0.441422	0.864775	-1.15637	0.215047	0.785414	-1.27321	0.0408424	0.646022	-1.54794	0.562759	0.89736	-1.11438	0.916367	1.01963	1.01963	0.0001481	0.299022	-3.34424	27.3963	14.8632	0.482247	1
cg20695587	TMPRSS11F	0.000706014	0.000156009	0.0829971	-12.0486	0.235518	0.620038	-1.61281	0.00177039	0.180555	-5.53848	0.00285724	0.20637	-4.84567	0.00104447	0.154808	-6.4596	0.00307851	0.210615	-4.74801	0.000782093	0.141835	-7.05046	0.641744	1.19739	1.19739	0.0032224	0.213245	-4.68945	12.9798	30.3862	2.08092	1
cg02995770	TMPRSS11F;SYT14L	2.31E-05	4.97E-07	0.144285	-6.93072	0.114567	1.26635	1.26635	0.558399	1.08484	1.08484	0.232857	1.18783	1.18783	0.25508	1.17762	1.17762	0.855412	1.02542	1.02542	0.000874943	1.98721	1.98721	0.67195	1.06036	1.06036	0.00112626	0.517042	-1.93408	32.6334	9.7849	0.266527	1
cg11124847	TMPRSS11F;SYT14L	0.000488705	8.15E-06	0.0996422	-10.0359	0.0101417	0.464222	-2.15414	0.0066612	0.434694	-2.30047	0.582053	0.876746	-1.14058	0.505816	0.852353	-1.17322	0.275891	0.764746	-1.30762	0.439752	1.20497	1.20497	0.283531	1.30168	1.30168	0.0108631	0.469165	-2.13145	14.3814	12.7538	0.788292	1
cg02956274	TMPRSS12	0.000614865	0.0250526	1.68509	1.68509	0.578089	0.895845	-1.11626	0.399012	1.18416	1.18416	0.0279353	0.601418	-1.66274	0.0187907	1.74596	1.74596	0.011718	1.85239	1.85239	9.38E-05	3.90909	3.90909	0.00382369	2.14552	2.14552	0.00344168	0.459424	-2.17664	13.4914	8.18871	0.539516	1
cg05714778	TMPRSS12	0.00106205	0.0070153	0.234474	-4.26487	0.000385381	0.0947385	-10.5554	0.00223954	0.168533	-5.93356	0.0253669	0.330957	-3.02154	0.00170118	0.154946	-6.45384	0.0194143	0.308562	-3.24084	0.000139969	0.0648268	-15.4257	0.0153894	0.290173	-3.44622	0.00769583	0.24056	-4.15697	11.5672	31.7119	2.43693	1
cg12439325	TMPRSS12	0.00185576	0.0101333	4.37278	4.37278	0.608882	1.26459	1.26459	0.00708181	4.86897	4.86897	0.746637	0.862902	-1.15888	0.00468493	5.52867	5.52867	0.133244	2.08916	2.08916	0.000169049	18.3691	18.3691	0.00102348	9.15594	9.15594	0.0102255	4.36104	4.36104	9.85415	32.2923	2.91291	1
cg15169829	TMPRSS12	0.00601036	0.0115193	4.51481	4.51481	0.0572669	2.78961	2.78961	0.0114771	4.51995	4.51995	0.0412509	3.0743	3.0743	0.00249446	7.42038	7.42038	0.0108987	4.59288	4.59288	0.000786176	11.2587	11.2587	0.0683584	2.64685	2.64685	0.0117268	4.48999	4.48999	6.93547	24.9912	3.20302	1
cg25213362	TMPRSS12	0.0110104	0.0575482	1.70933	1.70933	0.0162576	2.08249	2.08249	0.53891	1.168	1.168	0.714117	0.912252	-1.09619	0.23256	0.73163	-1.36681	0.00786702	2.34236	2.34236	0.0014052	3.17237	3.17237	0.0180004	2.0491	2.0491	0.691384	1.10473	1.10473	5.73077	5.65506	0.877146	1
cg01020079	TMPRSS12;TMPRSS12	0.0347659	0.154267	1.73649	1.73649	0.0186765	2.80551	2.80551	0.416313	1.35071	1.35071	0.0505074	2.24015	2.24015	0.0265643	2.5891	2.5891	0.292493	1.4847	1.4847	0.00402958	4.04687	4.04687	0.0180457	2.82772	2.82772	0.067309	2.10002	2.10002	3.87653	8.03992	1.84356	1
cg05272790	TMPRSS13	0.0007896	0.00596143	0.589853	-1.69534	0.0066966	1.676	1.676	0.790594	1.03985	1.03985	0.656935	1.06783	1.06783	0.000104162	0.36518	-2.73838	0.0774289	1.33403	1.33403	0.0165004	1.53742	1.53742	0.014909	1.55211	1.55211	0.162342	1.24487	1.24487	12.5783	4.29459	0.303492	1
cg03727481	TMPRSS13	0.00427371	0.0960554	0.637378	-1.56893	0.0139027	0.472908	-2.11458	0.000138157	0.197194	-5.07114	0.0191497	0.497296	-2.01088	0.0161133	0.484037	-2.06596	0.551976	1.15984	1.15984	0.069955	0.606943	-1.6476	0.0381317	0.553081	-1.80805	0.0281442	0.527873	-1.8944	7.6971	7.40264	0.854883	1
cg03476529	TMPRSS13	0.00724499	0.266444	0.818944	-1.22108	0.789801	1.04717	1.04717	0.288941	0.827048	-1.20912	0.579634	0.907993	-1.10133	0.1028	0.734987	-1.36057	0.00182109	0.465604	-2.14775	0.612622	1.09208	1.09208	0.000276324	0.35809	-2.7926	0.212713	0.797399	-1.25408	6.54446	3.08436	0.418927	1
cg05382782	TMPRSS13	0.0269465	0.00907555	0.102845	-9.72338	0.122108	0.316812	-3.15644	0.0402665	0.196819	-5.08081	0.041342	0.199043	-5.02405	0.00381382	0.0688199	-14.5307	0.0663408	0.243492	-4.10691	0.0345529	0.184378	-5.42363	0.0426407	0.201684	-4.95826	0.0493905	0.214712	-4.65741	4.24461	31.6352	6.6249	1
cg18156003	TMPRSS2;TMPRSS2	0.00494933	0.0557983	1.28186	1.28186	0.0739161	0.795922	-1.2564	0.148701	0.837372	-1.19421	0.0670777	1.26515	1.26515	0.0119468	0.698081	-1.4325	0.343071	1.11843	1.11843	0.000533129	1.85483	1.85483	0.400598	0.906111	-1.10362	0.506155	0.925613	-1.08036	7.36144	1.53092	0.184857	1
cg26337277	TMPRSS2;TMPRSS2	0.0160314	0.832335	0.926308	-1.07955	0.969675	1.01382	1.01382	0.501255	1.27949	1.27949	0.813442	0.918183	-1.08911	0.288478	0.671743	-1.48867	0.7465	0.889485	-1.12425	0.728429	0.881739	-1.13412	0.000283098	8.51524	8.51524	0.0865106	1.98117	1.98117	5.06768	10.4638	1.83539	1
cg18500968	TMPRSS3;TMPRSS3	3.11E-05	0.361724	0.774623	-1.29095	5.54E-05	0.129622	-7.71474	0.000324844	0.205354	-4.86963	0.0255833	0.485538	-2.05957	8.17E-06	0.070386	-14.2074	0.0483542	1.84869	1.84869	7.18E-06	0.0672003	-14.8809	0.229669	0.709407	-1.40963	0.00134793	0.281274	-3.55525	30.1762	35.4608	1.04456	1
cg23250540	TMPRSS3;TMPRSS3	0.00693379	0.118599	0.757727	-1.31974	0.227902	1.2303	1.2303	0.582869	1.09508	1.09508	0.251645	1.21667	1.21667	0.656299	0.929278	-1.0761	0.0901267	1.35779	1.35779	0.000174253	0.352317	-2.83836	0.492181	1.12101	1.12101	0.765509	0.9522	-1.0502	6.63475	2.81776	0.37751	1
cg25608949	TMPRSS3;TMPRSS3	0.0159198	0.140926	0.772202	-1.295	0.00143124	0.471076	-2.1228	0.0166053	0.620313	-1.61209	0.129062	0.765106	-1.30701	0.0891118	0.736343	-1.35806	0.0288801	0.656655	-1.52287	0.190935	1.25364	1.25364	0.619626	1.08511	1.08511	0.566021	1.09933	1.09933	5.07947	2.14371	0.375141	1
cg25385366	TMPRSS3;TMPRSS3;TMPRSS3	4.85E-06	5.64E-06	0.274486	-3.64317	5.72E-05	0.389455	-2.56769	4.46E-07	0.164962	-6.06201	0.000512796	0.5041	-1.98373	9.53E-05	0.415801	-2.40499	0.0471615	0.750614	-1.33224	6.03E-05	0.392115	-2.55027	6.38E-06	0.280316	-3.56741	7.97E-05	0.406519	-2.45991	48.9267	12.3602	0.224556	1
cg04537185	TMPRSS3;TMPRSS3;TMPRSS3	0.00923054	0.0286747	0.378998	-2.63853	0.000852631	0.152006	-6.57868	0.00354983	0.226421	-4.41654	0.569216	0.805531	-1.24142	0.0460205	0.423359	-2.36206	0.287214	0.660077	-1.51498	0.0347793	0.396543	-2.5218	0.00608365	0.260186	-3.8434	0.548106	0.795759	-1.25666	6.06347	13.5699	1.98932	1
cg01214847	TMPRSS3;TMPRSS3;TMPRSS3;TMPRSS3	0.00124591	0.23518	0.722025	-1.38499	0.0365675	0.52943	-1.88882	0.000217704	0.199039	-5.02413	0.0123634	0.442522	-2.25977	0.000122793	0.173048	-5.77875	0.0924277	0.615829	-1.62383	0.00159709	0.305585	-3.27241	0.0102641	0.428755	-2.33233	0.0931459	0.616614	-1.62176	11.0526	11.995	0.964683	1
cg25116503	TMPRSS4;TMPRSS4	0.000228634	0.283828	0.797906	-1.25328	0.653997	0.912582	-1.09579	1.19E-05	0.152893	-6.54051	0.145591	1.37277	1.37277	0.801505	1.0524	1.0524	0.0120996	1.88572	1.88572	0.0166023	0.552574	-1.80971	0.000180696	0.276675	-3.61435	0.273221	0.793576	-1.26012	17.7156	11.5351	0.578777	1
cg27440523	TMPRSS4;TMPRSS4	0.0137204	0.233574	0.838019	-1.19329	0.222563	0.834126	-1.19886	0.000937593	0.497324	-2.01076	0.473719	1.1086	1.1086	0.196104	0.824131	-1.2134	0.418236	1.12417	1.12417	0.857835	0.974948	-1.0257	0.00272575	0.556802	-1.79597	0.151099	0.804372	-1.24321	5.33512	1.69173	0.281861	1
cg05775918	TMPRSS4;TMPRSS4	0.0210455	0.521093	1.20683	1.20683	0.900761	1.03672	1.03672	0.0009544	0.241018	-4.14907	0.218789	0.688079	-1.45332	0.120541	1.62695	1.62695	0.53924	0.835543	-1.19683	0.0617402	1.83705	1.83705	0.343403	0.754179	-1.32594	0.454316	1.24645	1.24645	4.62361	6.11803	1.17619	1
cg03634928	TMPRSS4;TMPRSS4	0.025217	0.00882248	0.365766	-2.73399	0.913027	1.03351	1.03351	0.00694845	0.34872	-2.86763	0.00677496	0.346947	-2.88229	0.855676	0.946562	-1.05645	0.418093	1.2835	1.2835	0.296006	0.721179	-1.38662	0.057976	0.523896	-1.90878	0.151699	0.629203	-1.58931	4.34415	6.26016	1.28094	1
cg13159318	TMPRSS4;TMPRSS4	0.0420679	0.868104	0.951046	-1.05147	0.437996	1.26987	1.26987	0.00198505	0.267391	-3.73985	0.141942	1.61097	1.61097	0.435415	0.786381	-1.27165	0.0335885	0.472537	-2.11624	0.798198	1.08045	1.08045	0.843003	0.941875	-1.06171	0.537638	0.828217	-1.20741	3.61516	5.22165	1.28389	1
cg22957898	TMPRSS4;TMPRSS4;TMPRSS4;TMPRSS4	4.25E-05	5.64E-05	0.296353	-3.37435	0.000142466	0.344354	-2.90399	0.00351877	0.525601	-1.90258	0.973648	0.994646	-1.00538	0.000118359	0.334572	-2.98889	0.00164326	0.480651	-2.08051	3.39E-06	0.168693	-5.92792	0.000227055	0.369324	-2.70765	0.0158165	0.618479	-1.61687	27.794	11.628	0.371878	1
cg05416223	TMPRSS4;TMPRSS4;TMPRSS4;TMPRSS4	0.00162562	0.531039	0.917183	-1.0903	0.0201326	0.682566	-1.46506	2.91E-05	0.327157	-3.05663	0.491198	1.09994	1.09994	0.782852	0.963061	-1.03836	0.0931702	0.777542	-1.2861	0.434797	0.897121	-1.11468	0.00365997	0.585427	-1.70816	0.966677	0.994325	-1.00571	10.2394	3.00993	0.261295	1
cg01232726	TMPRSS5	0.0021632	0.00540489	0.163482	-6.11688	0.000216529	0.0472412	-21.168	0.00897685	0.1933	-5.17329	0.116192	0.429808	-2.32662	0.00372303	0.144004	-6.94424	0.00741446	0.181587	-5.50699	0.00178577	0.110923	-9.01527	0.0054839	0.16428	-6.08716	0.123243	0.437869	-2.28379	9.42367	36.5117	3.44397	1
cg00276389	TMPRSS6	9.84E-06	0.00132812	0.46907	-2.13188	0.000379256	0.398195	-2.51133	0.000113785	0.333304	-3.00026	2.06E-05	0.247919	-4.03358	2.92E-06	0.163407	-6.11969	0.000171366	0.354989	-2.81699	2.67E-06	0.160061	-6.2476	0.000138216	0.343552	-2.91077	3.04E-05	0.266555	-3.75157	40.7429	16.971	0.370257	1
cg26679348	TMPRSS6	0.00041728	0.000778635	0.295427	-3.38493	0.0843314	0.632544	-1.58092	0.000162895	0.213718	-4.67906	0.0296657	0.541189	-1.84778	5.86E-05	0.167753	-5.96115	0.109698	0.65819	-1.51932	0.00131311	0.325728	-3.07005	0.00280875	0.372525	-2.68439	0.00109454	0.315001	-3.17459	15.0239	13.6894	0.809936	1
cg25786785	TMPRSS6	0.000701481	0.000393478	0.195793	-5.10744	0.44428	0.798332	-1.25261	0.00495372	0.341431	-2.92885	0.00294351	0.307494	-3.25209	0.00052602	0.210089	-4.75988	0.00677577	0.362952	-2.75518	0.000141846	0.150238	-6.65609	0.0313513	0.482246	-2.07363	0.00181378	0.277866	-3.59886	13.0032	17.1765	1.17417	1
cg17956747	TMPRSS6	0.00841572	0.00275437	0.144065	-6.94133	0.229756	0.55374	-1.8059	0.0290984	0.299303	-3.3411	0.0202256	0.268894	-3.71893	0.00933633	0.212999	-4.69487	0.0806428	0.403024	-2.48124	0.00907171	0.211122	-4.7366	0.00135801	0.112874	-8.85942	0.0381101	0.323859	-3.08776	6.24364	21.7546	3.09714	1
cg24230188	TMPRSS6	0.0112943	0.0440083	0.453645	-2.20437	0.0150608	0.36045	-2.77431	0.25717	0.667713	-1.49765	0.147333	0.587985	-1.70072	0.00750198	0.308694	-3.23945	0.0487316	0.46356	-2.15722	0.00174429	0.217756	-4.5923	0.00250717	0.238388	-4.19485	0.105104	0.546166	-1.83095	5.68391	10.501	1.64222	1
cg00556408	TMPRSS6	0.0157549	0.124908	0.476015	-2.10077	0.0750528	0.412353	-2.4251	0.00279834	0.158679	-6.30205	0.114127	0.463931	-2.15549	0.00767264	0.216273	-4.6238	0.34569	0.647922	-1.5434	0.0166087	0.270579	-3.69579	0.00453497	0.184549	-5.41863	0.0328515	0.327764	-3.05098	5.09707	16.1206	2.81131	1
cg16971128	TMPRSS6	0.0172329	0.646443	1.1456	1.1456	0.266944	1.40549	1.40549	0.014405	0.411619	-2.42943	0.817883	1.07024	1.07024	0.141748	0.628161	-1.59195	0.360853	1.31844	1.31844	0.000795762	0.225146	-4.44156	0.194198	0.667492	-1.49815	0.707254	0.894911	-1.11743	4.94691	6.78608	1.21936	1
cg00619188	TMPRSS6	0.024408	0.420879	0.771039	-1.29695	0.602996	0.847113	-1.18048	0.0418502	0.476311	-2.09947	0.0461825	0.485614	-2.05925	0.00380696	0.291119	-3.43503	0.132032	0.598086	-1.672	0.00543858	0.314585	-3.17879	0.0104276	0.360693	-2.77244	0.305426	0.714933	-1.39873	4.39366	6.95775	1.40764	1
cg05754122	TMPRSS6	0.0450547	0.56425	0.86737	-1.15291	0.137932	1.47695	1.47695	0.0837016	0.626693	-1.59568	0.505159	0.84783	-1.17948	0.189573	0.712322	-1.40386	0.169479	1.42945	1.42945	0.0768338	0.618553	-1.61668	0.00493373	0.402906	-2.48197	0.538144	1.16436	1.16436	3.52392	3.32615	0.839001	1
cg17745234	TMPRSS6;TMPRSS6	0.00502032	0.0740485	0.627024	-1.59484	0.0125246	2.07147	2.07147	0.0268972	0.54089	-1.84881	0.213461	0.73553	-1.35956	0.00351366	0.395288	-2.5298	0.348737	0.797572	-1.25381	0.0116295	0.477353	-2.09488	0.00145936	0.340368	-2.93799	0.434255	0.829386	-1.20571	7.32951	6.38149	0.773917	1
cg19951107	TMPRSS7;TMPRSS7	0.0416626	0.94643	1.01261	1.01261	0.0426336	1.54513	1.54513	0.741752	0.940215	-1.06359	0.571743	1.11241	1.11241	0.0409953	0.644264	-1.55216	0.521045	1.12892	1.12892	0.131656	1.35443	1.35443	0.00581847	1.96067	1.96067	0.253761	0.800772	-1.2488	3.62815	1.99692	0.489241	1
cg01726880	TMPRSS8	6.18E-05	0.403953	0.894315	-1.11817	0.0102838	0.655097	-1.52649	1.25E-05	0.300155	-3.33161	4.04E-05	0.358708	-2.78778	0.381528	0.889239	-1.12456	2.03E-05	0.324087	-3.08559	0.00441395	0.608337	-1.64382	0.0588645	0.756486	-1.3219	0.000133003	0.420436	-2.37849	25.1694	6.81921	0.240829	1
cg10186456	TMPRSS8	0.00073115	0.672812	0.914829	-1.0931	5.85E-05	4.75905	4.75905	0.239897	1.29421	1.29421	0.809225	0.950572	-1.052	0.742494	1.07154	1.07154	0.0107646	1.95721	1.95721	0.00194632	2.50536	2.50536	0.000248331	3.55224	3.55224	0.0139235	1.8902	1.8902	12.8531	8.94111	0.618347	1
cg02016903	TMPRSS8	0.0025418	0.0030348	0.375233	-2.66501	0.292005	0.768095	-1.30192	0.0116488	0.467257	-2.14015	0.0028012	0.370112	-2.70188	0.05436	0.590465	-1.69358	0.0234207	0.520238	-1.9222	0.00101907	0.30863	-3.24012	0.000874026	0.299797	-3.33559	0.00242092	0.360881	-2.771	8.98806	8.29011	0.819865	1
cg10448227	TMPRSS8	0.00339882	0.174396	1.66508	1.66508	0.000774422	6.02288	6.02288	0.0379755	2.33749	2.33749	0.00624405	3.5177	3.5177	0.321439	0.696627	-1.43549	0.00111848	5.43983	5.43983	0.0338464	2.39733	2.39733	0.003262	4.11831	4.11831	0.0687927	2.05192	2.05192	8.24582	16.2651	1.75335	1
cg07645761	TMPRSS8	0.00414087	0.953404	1.02191	1.02191	0.191135	1.67094	1.67094	0.646618	1.18675	1.18675	0.0286682	2.6049	2.6049	0.000624317	0.14204	-7.04026	0.0098022	3.35726	3.35726	0.0856505	2.02314	2.02314	0.0722985	2.10424	2.10424	0.0136198	3.10207	3.10207	7.77092	16.9324	1.93684	1
cg27137258	TMPRSS8	0.0156953	0.113239	2.15716	2.15716	0.182979	1.87811	1.87811	0.303465	1.60866	1.60866	0.0312294	3.08778	3.08778	0.407032	1.45982	1.45982	0.0154876	3.76076	3.76076	0.00101637	8.79148	8.79148	0.00666853	4.80682	4.80682	0.0336373	3.02467	3.02467	5.1035	16.0805	2.80078	1
cg26960012	TMPRSS8	0.0181487	0.0175948	0.492903	-2.0288	0.124478	1.50286	1.50286	0.0332769	0.543687	-1.83929	0.178117	1.41969	1.41969	0.0032448	0.374108	-2.67303	0.0318293	0.540008	-1.85182	0.539094	0.858733	-1.16451	0.990412	1.00295	1.00295	0.462235	0.832528	-1.20116	4.86165	4.61858	0.844446	1
cg00491180	TMPRSS8	0.0227714	0.391541	1.82134	1.82134	0.00219827	18.7706	18.7706	0.320295	2.01656	2.01656	0.328016	1.99286	1.99286	0.171349	0.36984	-2.70387	0.167298	2.73303	2.73303	0.0110769	8.80848	8.80848	0.0347766	5.36892	5.36892	0.0457674	4.77809	4.77809	4.50032	33.2482	6.56709	1
cg01006802	TMPRSS8	0.0297347	0.13237	2.06073	2.06073	0.00779679	4.57647	4.57647	0.201552	1.82303	1.82303	0.0548563	2.63673	2.63673	0.391884	0.676667	-1.47783	0.00550735	5.07674	5.07674	0.114109	2.1496	2.1496	0.0224445	3.37908	3.37908	0.128383	2.07881	2.07881	4.09974	12.8725	2.79097	1
cg08569517	TMPRSS9	0.000698241	0.142326	0.657687	-1.52048	0.16585	1.48083	1.48083	0.000606765	4.0717	4.0717	0.672741	0.893267	-1.11949	0.000220458	5.13091	5.13091	0.468745	0.822143	-1.21633	0.0360975	0.523316	-1.91089	0.00157493	0.299402	-3.33999	0.237914	0.720042	-1.38881	13.0201	14.5546	0.993647	1
cg19497523	TMPRSS9	0.00560608	0.225705	1.24862	1.24862	0.750599	1.05723	1.05723	0.000962127	2.35849	2.35849	0.0463822	1.48916	1.48916	0.00939291	1.77665	1.77665	0.837833	1.03641	1.03641	0.0269174	0.632958	-1.57988	0.0230669	0.622349	-1.60681	0.268226	1.22295	1.22295	7.08585	3.41816	0.428794	1
cg25551531	TMPRSS9	0.0135667	0.0131647	1.55131	1.55131	0.462483	0.898668	-1.11276	0.0288964	0.692117	-1.44484	0.0133722	1.54908	1.54908	0.612581	1.07567	1.07567	0.107357	1.28537	1.28537	0.00850034	1.61573	1.61573	0.125704	0.789226	-1.26706	0.543134	1.0919	1.0919	5.35486	1.73053	0.287263	1
cg07580047	TMPRSS9	0.0207328	0.882283	1.01809	1.01809	0.597926	0.937634	-1.06651	0.821122	0.97297	-1.02778	0.810488	1.02949	1.02949	0.195874	1.17998	1.17998	0.012221	1.45898	1.45898	0.000823469	1.83988	1.83988	0.231714	0.859183	-1.1639	0.798625	1.03142	1.03142	4.64729	1.07756	0.206105	1
cg21116812	TMPRSS9	0.0349353	0.762159	1.0672	1.0672	0.0234775	1.78585	1.78585	0.842112	0.958166	-1.04366	0.420236	0.838241	-1.19297	0.00180547	0.386401	-2.58799	0.679118	0.914724	-1.09323	0.235202	1.3055	1.3055	0.985673	0.99616	-1.00385	0.73536	0.929886	-1.0754	3.86972	2.81392	0.646369	1
cg11549153	TMSB10	5.00E-06	?	?	?	0.0631443	1.44599	1.44599	0.0483755	1.48885	1.48885	0.361099	1.18017	1.18017	0.130448	1.33403	1.33403	?	?	?	1.39E-07	0.0536313	-18.6458	0.685102	1.07459	1.07459	0.00233866	2.11624	2.11624	51.4596	19.7367	0.438328	1
cg03270881	TMSB10	0.0269196	0.018449	0.323929	-3.0871	0.0958351	2.05717	2.05717	0.0748947	2.18644	2.18644	0.0599452	0.433024	-2.30934	0.427872	0.726724	-1.37604	0.0534369	0.421001	-2.37529	0.0922062	0.48147	-2.07697	0.434814	0.730345	-1.36922	0.0194183	0.328098	-3.04787	4.2461	10.458	2.18931	1
cg03669491	TMSB15A	0.0219885	0.0744868	0.403134	-2.48056	0.00475985	0.180203	-5.54929	0.155933	0.499562	-2.00175	0.399614	0.674202	-1.48324	0.00530501	0.186404	-5.36469	0.87022	0.927971	-1.07762	0.00704316	0.203396	-4.91651	0.462642	1.40752	1.40752	0.575949	0.772329	-1.29479	4.55476	15.0782	2.94261	1
cg23628411	TMSB15B;MIR1256	0.00707171	0.283257	0.608076	-1.64453	0.00145383	0.128446	-7.7854	0.659954	0.820732	-1.21842	0.0147578	3.81475	3.81475	0.00624214	0.203846	-4.90566	0.122162	0.473539	-2.11176	?	?	?	0.123361	0.474858	-2.10589	0.0647878	0.396357	-2.52298	6.73105	18.866	2.80283	1
cg01408260	TMSB15B;MIR1256	0.0225232	0.00708695	0.136951	-7.30188	0.365904	0.588123	-1.70033	0.946789	1.03964	1.03964	0.69509	1.25243	1.25243	0.87854	1.09132	1.09132	0.0734923	3.12757	3.12757	0.0363602	4.01577	4.01577	0.0082257	6.90073	6.90073	0.258063	1.96277	1.96277	4.51732	23.3601	4.59664	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg01583657	TMSL3;FAM190A	0.0176979	0.299281	0.827292	-1.20876	0.463875	1.14042	1.14042	0.0122783	1.7327	1.7327
cg23057687	TMSL3;FAM190A	0.0181513	0.00809965	0.122031	-8.19463	0.0163349	0.161816	-6.17987	0.0151204	0.156941	-6.37183
cg25325192	TMSL3;TMSL3;FAM190A	0.0101977	0.833345	1.02131	1.02131	0.00989388	0.721717	-1.38559	0.81706	1.02346	1.02346
cg18602710	TMTC1	5.91E-05	0.920623	0.98318	-1.01711	5.15E-06	5.83005	5.83005	0.10184	1.35631	1.35631
cg20278840	TMTC1	0.000152577	0.00695412	0.725672	-1.37803	0.0335902	0.796169	-1.25601	0.000922889	1.57532	1.57532
cg26640866	TMTC1	0.000267813	0.30112	0.832737	-1.20086	0.000543336	0.399164	-2.50524	0.000255366	0.357354	-2.79835
cg16833797	TMTC1	0.000833344	0.0932117	0.712899	-1.40272	0.000263671	0.33333	-3.00003	0.00484308	1.98325	1.98325
cg25882345	TMTC1	0.00137138	0.425862	0.847851	-1.17945	0.0072888	2.01868	2.01868	0.402078	1.19014	1.19014
cg24693463	TMTC1	0.00212474	0.804701	1.03918	1.03918	0.000246193	0.390848	-2.55854	0.00942618	0.600201	-1.66611
cg03929575	TMTC1	0.0026974	0.08605	1.52347	1.52347	0.0449522	0.600063	-1.66649	0.115817	0.684294	-1.46136
cg21377521	TMTC1	0.0074836	0.625757	0.848087	-1.17912	0.0537998	2.08345	2.08345	0.179016	1.61374	1.61374
cg08036435	TMTC1	0.00842826	0.308762	0.782841	-1.2774	0.00173225	0.353987	-2.82497	0.00875238	0.460178	-2.17307
cg01481569	TMTC1	0.0101043	0.855163	0.970125	-1.03079	0.0684847	0.712813	-1.40289	0.00718135	0.562104	-1.77903
cg10529778	TMTC1	0.0148989	0.398085	1.14398	1.14398	0.0134891	0.621599	-1.60875	0.00467897	0.557353	-1.79419
cg11288686	TMTC1	0.0155924	0.0173261	0.181492	-5.50989	0.430837	1.60549	1.60549	0.214136	0.462957	-2.16003
cg02361702	TMTC1	0.0156758	0.00848177	0.602513	-1.65972	0.0465328	0.709123	-1.41019	0.296762	0.849495	-1.17717
cg18927181	TMTC1	0.0206572	0.880683	1.03153	1.03153	0.00208493	0.408478	-2.44811	0.0866423	1.47868	1.47868
cg07224636	TMTC1	0.0233461	0.789191	0.938944	-1.06503	0.212609	0.734453	-1.36156	0.135549	0.685095	-1.45965
cg26623942	TMTC1	0.0364022	0.431641	0.823022	-1.21503	0.367348	0.798736	-1.25198	0.453932	0.830999	-1.20337
cg06630204	TMTC1;TMTC1	0.00403138	0.0408893	1.24278	1.24278	0.981326	1.00216	1.00216	0.0321311	1.26007	1.26007
cg23449594	TMTC2	0.00135511	0.640709	0.954419	-1.04776	0.00268096	0.662384	-1.5097	0.00582619	0.698806	-1.43101
cg02537769	TMTC2	0.00465806	0.399422	0.871473	-1.14748	0.347448	0.857034	-1.16681	0.415928	0.875818	-1.14179
cg11015833	TMTC2	0.00590949	0.000413529	0.45405	-2.2024	0.127408	1.26142	1.26142	0.33911	0.87039	-1.14891
cg16254662	TMTC2	0.0181314	0.226724	0.843186	-1.18598	0.366958	0.882891	-1.13264	0.239731	0.847519	-1.17991

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)
cg01583657	0.0503953	0.674992	-1.4815	0.00140002	0.442358	-2.26061	0.398651	0.858733	-1.16451
cg23057687	0.323839	0.531456	-1.88162	0.00436005	0.0941612	-10.6201	0.0748368	0.292017	-3.42446
cg25325192	0.762172	1.03084	1.03084	0.214668	0.877472	-1.13964	0.975834	1.00304	1.00304
cg18602710	0.0888879	1.37623	1.37623	5.35E-05	0.277242	-3.60696	0.00594697	0.542192	-1.84436
cg20278840	0.628503	1.04579	1.04579	0.120169	1.16743	1.16743	0.0533981	0.817511	-1.22323
cg26640866	0.616046	1.09022	1.09022	0.203127	1.25799	1.25799	0.0166115	1.64827	1.64827
cg16833797	0.197853	1.28329	1.28329	0.0609145	0.679009	-1.47274	0.211596	0.785709	-1.27274
cg25882345	0.734912	0.933342	-1.07142	0.0511773	0.637154	-1.56948	0.000224588	0.287651	-3.47643
cg24693463	0.00252453	1.91645	1.91645	0.910268	0.982663	-1.01764	0.82158	1.03566	1.03566
cg03929575	0.000563823	3.27498	3.27498	0.0753044	1.55195	1.55195	0.000772448	3.09463	3.09463
cg21377521	0.0130461	0.356134	-2.80793	0.00374629	0.269273	-3.7137	0.0857037	0.529016	-1.8903
cg08036435	0.0562936	0.605112	-1.65259	0.704203	0.915167	-1.0927	0.0210605	0.524726	-1.90576
cg01481569	0.035425	1.50161	1.50161	0.0807267	1.37919	1.37919	0.109	1.33659	1.33659
cg10529778	0.690673	0.939709	-1.06416	0.195431	0.808255	-1.23723	0.926501	0.985758	-1.01445
cg11288686	0.0077375	0.133418	-7.49526	0.0080589	0.135552	-7.37725	0.185857	0.437832	-2.28398
cg02361702	0.697603	1.06064	1.06064	0.199559	1.22673	1.22673	0.542884	1.09731	1.09731
cg18927181	0.418426	1.18636	1.18636	0.157345	0.731592	-1.36688	0.551836	0.883015	-1.13248
cg07224636	0.110873	1.50437	1.50437	0.00686331	2.27736	2.27736	0.0148148	2.02357	2.02357
cg26623942	0.273485	0.758388	-1.31859	0.00993258	0.453706	-2.20407	0.769839	1.0738	1.0738
cg06630204	0.00746358	1.37337	1.37337	0.870284	1.01517	1.01517	0.191723	0.880482	-1.13574
cg23449594	0.711727	1.03753	1.03753	0.687705	1.04092	1.04092	0.0216728	1.3147	1.3147
cg02537769	0.759036	0.952118	-1.05029	0.0627633	0.71612	-1.39641	0.606299	1.08644	1.08644
cg11015833	0.565172	0.921348	-1.08537	0.223187	0.835005	-1.1976	0.0179714	0.66694	-1.49939
cg16254662	0.671797	1.05894	1.05894	0.265267	1.16885	1.16885	0.910376	1.01525	1.01525

Probeset ID	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01583657	0.999519	1.00011	1.00011	0.559272	0.901162	-1.10968	0.457785	0.875238	-1.14255	4.90294	2.412	0.43729	1
cg23057687	0.0356395	0.21935	-4.55892	0.551107	0.687878	-1.45375	0.012187	0.14401	-6.94397	4.86142	29.6325	5.41817	1
cg25325192	0.000425764	1.74771	1.74771	0.825938	1.02228	1.02228	0.32131	0.902551	-1.10797	5.87369	0.931456	0.140961	1
cg18602710	0.100983	1.35754	1.35754	0.031322	1.53704	1.53704	0.168847	0.779197	-1.28337	25.4695	11.6827	0.407728	1
cg20278840	5.91E-06	2.54493	2.54493	0.114637	1.17065	1.17065	0.817898	1.0214	1.0214	19.7659	2.63972	0.11871	1
cg26640866	8.16E-05	3.36544	3.36544	0.216128	1.24905	1.24905	0.84771	0.967688	-1.03339	16.9684	7.84368	0.41089	1
cg16833797	0.503134	1.13261	1.13261	0.000313641	0.342793	-2.91721	0.095936	1.39807	1.39807	12.3888	6.58967	0.472805	1
cg25882345	0.0771601	1.49015	1.49015	0.006433	2.05317	2.05317	0.0122457	0.53077	-1.88405	10.7531	7.01685	0.580038	1
cg24693463	0.394959	1.14471	1.14471	0.827844	0.96678	-1.03436	0.0152373	0.629832	-1.58772	9.47321	3.61042	0.338773	1
cg03929575	0.0515502	1.63533	1.63533	0.0677182	1.57492	1.57492	0.164936	1.38927	1.38927	8.83191	6.89013	0.693458	1
cg21377521	0.0920833	1.86195	1.86195	0.0186383	2.60149	2.60149	0.132095	0.57993	-1.72435	6.47845	11.531	1.58213	1
cg08036435	0.0420974	1.72337	1.72337	0.433306	1.20422	1.20422	0.200354	1.3694	1.3694	6.24071	5.33877	0.760423	1
cg01481569	0.00288422	1.9743	1.9743	0.798345	0.958394	-1.04341	0.746498	1.05531	1.05531	5.89103	2.57068	0.387886	1
cg10529778	0.00548508	1.76421	1.76421	0.484214	1.11686	1.11686	0.614042	0.923986	-1.08227	5.1923	1.98758	0.340261	1
cg11288686	0.0133628	0.164589	-6.07573	0.0078624	0.134254	-7.44857	0.0531809	0.274317	-3.64542	5.11466	28.0838	4.88076	1
cg02361702	0.00264804	1.87213	1.87213	0.332747	1.16259	1.16259	0.421686	1.13174	1.13174	5.10561	1.83831	0.320051	1
cg18927181	0.0154561	1.84792	1.84792	0.907646	0.9763	-1.02428	0.325338	0.810662	-1.23356	4.65308	3.14799	0.601367	1
cg07224636	0.255297	1.32209	1.32209	0.805125	1.05984	1.05984	0.0526677	0.595787	-1.67845	4.46181	3.90576	0.778112	1
cg26623942	0.00808885	2.27745	2.27745	0.150803	1.45306	1.45306	0.314032	1.28748	1.28748	3.81241	3.55598	0.829102	1
cg06630204	0.0169231	1.30775	1.30775	0.000184226	1.7896	1.7896	0.0610708	1.21459	1.21459	7.83401	1.05241	0.119412	1
cg23449594	0.000576007	1.69686	1.69686	0.0198545	0.756466	-1.32194	0.0150991	0.743512	-1.34497	10.7899	1.68346	0.138686	1
cg02537769	0.000176525	2.75671	2.75671	0.00909168	1.69652	1.69652	0.97457	1.0051	1.0051	7.49869	3.02034	0.358029	1
cg11015833	0.690751	1.05796	1.05796	0.907652	0.983784	-1.01648	0.0122802	1.55176	1.55176	6.97178	2.19163	0.279428	1
cg16254662	0.000374134	2.14818	2.14818	0.972942	0.995452	-1.00457	0.727588	1.04812	1.04812	4.86321	1.39107	0.254257	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04195774	TNFAIP8	0.00664983	0.363527	0.814474	-1.22779	0.0125951	0.50572	-1.97738	0.00750549	0.469445	-2.13017	0.00563871	0.450074	-2.22186	0.000358484	0.284116	-3.51969
cg26305729	TNFAIP8	0.00841599	0.00175741	0.378128	-2.6446	0.762068	0.935898	-1.06849	0.273559	1.28221	1.28221	0.117928	0.690452	-1.44833	0.00342111	0.419909	-2.38147
cg04855216	TNFAIP8	0.00868971	0.960763	0.984945	-1.01528	0.944948	0.978932	-1.02152	0.0814726	0.551332	-1.81379	0.708146	0.890521	-1.12294	0.00294624	0.283977	-3.52142
cg00421693	TNFAIP8	0.0139259	0.0207091	0.22797	-4.38654	0.010436	0.180584	-5.5376	0.00913185	0.172406	-5.80025	0.11077	0.397574	-2.51525	0.00550874	0.144161	-6.93671
cg21130861	TNFAIP8	0.0155344	0.110378	0.289175	-3.45812	0.00884265	0.0928616	-10.7687	0.00813094	0.0892691	-11.2021	0.187451	0.369263	-2.7081	?	?	?
cg15408889	TNFAIP8	0.0307978	0.0419996	0.693951	-1.44102	0.270892	1.19569	1.19569	0.22712	0.820617	-1.21859	0.0231675	0.654914	-1.52692	0.00503573	0.560798	-1.78317
cg00524900	TNFAIP8	0.0358125	0.437214	0.850316	-1.17603	0.615587	1.10914	1.10914	0.00775003	0.49674	-2.01313	0.0100969	0.514741	-1.94272	0.0506632	0.634061	-1.57714
cg17471836	TNFAIP8;TNFAIP8	0.000124301	0.130552	0.867553	-1.15267	0.000226415	1.7049	1.7049	0.00011419	0.554765	-1.80257	0.781677	1.02447	1.02447	0.0447689	1.22196	1.22196
cg24957532	TNFAIP8;TNFAIP8	0.00134252	0.130931	0.792037	-1.26257	0.00510149	0.589163	-1.69732	0.000357139	0.440851	-2.26834	0.00161146	0.5239	-1.90876	0.302888	1.16481	1.16481
cg21097090	TNFAIP8;TNFAIP8	0.0027724	0.4657	1.16857	1.16857	0.0108612	0.511138	-1.95642	0.000877549	0.351065	-2.84848	0.609986	0.897674	-1.11399	0.00794431	2.04246	2.04246
cg03210210	TNFAIP8;TNFAIP8	0.00390875	0.0035686	0.494909	-2.02058	0.000255848	0.342012	-2.92387	0.014425	0.584358	-1.71128	0.0836789	0.710994	-1.40648	0.210589	0.790532	-1.26497
cg24120357	TNFAIP8;TNFAIP8	0.00664503	0.115845	0.713329	-1.40188	0.000340036	3.12929	3.12929	0.931087	1.01724	1.01724	0.0834092	0.684704	-1.46049	0.279134	0.800596	-1.24907
cg23985447	TNFAIP8;TNFAIP8	0.0175646	0.0637838	0.660367	-1.51431	0.0306623	1.65805	1.65805	0.00503676	0.477722	-2.09327	0.0126533	0.539442	-1.85377	0.0393979	0.622159	-1.60731
cg19843939	TNFAIP8;TNFAIP8	0.0384665	0.00225088	0.29129	-3.433	0.244809	0.704028	-1.4204	0.106619	0.601581	-1.66229	0.0470619	0.519159	-1.92619	0.935198	1.02373	1.02373
cg19863459	TNFAIP8L1;TNFAIP8L1	6.47E-05	0.299524	1.22605	1.22605	0.7163	0.933471	-1.07127	0.00196588	2.39452	2.39452	0.00171875	0.408811	-2.44612	1.07E-05	0.132769	-7.53189
cg15231794	TNFAIP8L1;TNFAIP8L1	0.00297237	0.00524542	0.494692	-2.02146	0.0516024	0.654754	-1.52729	0.625792	1.0985	1.0985	0.00589601	0.502241	-1.99108	0.00738857	0.516965	-1.93437
cg24065991	TNFAIP8L1;TNFAIP8L1	0.00973926	0.00841493	0.396094	-2.52465	0.00633786	0.376055	-2.65918	0.0560398	0.551254	-1.81405	0.0292898	0.49332	-2.02708	0.00713352	0.384333	-2.60191
cg22754389	TNFAIP8L1;TNFAIP8L1	0.0105039	0.00520017	0.290246	-3.44536	0.0103436	0.338413	-2.95497	0.0105026	0.339543	-2.94514	0.132452	0.580082	-1.72389	0.00117551	0.202498	-4.93831
cg04765929	TNFAIP8L1;TNFAIP8L1	0.0115348	0.482271	0.722762	-1.38358	0.0917371	0.425403	-2.35071	0.366622	1.52555	1.52555	0.619265	1.25539	1.25539	0.000506079	0.0702251	-14.2399
cg03694433	TNFAIP8L1;TNFAIP8L1	0.0283347	0.914118	1.0232	1.0232	0.12245	1.42745	1.42745	0.0927311	0.67481	-1.4819	0.739826	1.07343	1.07343	0.226388	0.763324	-1.31006
cg00356811	TNFAIP8L1;TNFAIP8L1	0.0354921	0.138415	0.67287	-1.48617	0.0171669	0.486114	-2.05713	0.573604	0.86829	-1.15169	0.515614	0.848972	-1.1779	0.0104057	0.448745	-2.22844
cg03032253	TNFAIP8L1;TNFAIP8L1	0.0394287	0.368046	0.756706	-1.32152	0.26973	0.707134	-1.41416	0.226094	0.681637	-1.46706	0.35594	1.33149	1.33149	0.0741964	0.548875	-1.82191
cg00318000	TNFAIP8L2	0.00778149	0.0973195	1.96347	1.96347	0.000554096	7.29691	7.29691	0.0107989	3.27863	3.27863	0.155357	1.75738	1.75738	0.12529	1.85014	1.85014
cg11825431	TNFAIP8L2	0.0177586	0.00213363	0.349835	-2.85849	0.763288	1.07629	1.07629	0.171015	1.42589	1.42589	0.815558	1.05852	1.05852	0.00504275	0.405459	-2.46634
cg16565154	TNFAIP8L2	0.0207517	0.545054	0.840261	-1.19011	0.00147612	3.68277	3.68277	0.5117	0.827692	-1.20818	0.588782	0.856339	-1.16776	0.065783	0.556189	-1.79795
cg21544402	TNFAIP8L2;TNFAIP8L2	0.0376264	0.0729352	0.586935	-1.70377	0.975105	1.00835	1.00835	0.0161727	0.456689	-2.18967	0.7737	0.926075	-1.07983	0.141887	0.656596	-1.52301
cg20318580	TNFAIP8L3	0.000195745	0.0211172	0.521778	-1.91652	0.00929668	0.461117	-2.16865	0.0034377	0.393682	-2.54012	0.000431108	0.270795	-3.69283	0.00027063	0.24638	-4.05877
cg01058070	TNFAIP8L3	0.000247012	0.377582	0.840532	-1.18972	0.830555	1.04198	1.04198	0.00390604	0.474552	-2.10725	0.900777	0.97635	-1.02422	0.0287805	0.609694	-1.64017
cg22038124	TNFAIP8L3	0.0093547	0.754291	1.10624	1.10624	0.154288	0.612379	-1.63298	0.00127922	0.22084	-4.52817	0.106482	0.56731	-1.7627	0.00103145	0.209378	-4.77604
cg23343680	TNFAIP8L3	0.0108879	0.0362829	0.345242	-2.89652	0.00470018	0.193718	-5.16214	0.294005	1.60887	1.60887	0.913445	1.04865	1.04865	0.0331391	0.336834	-2.96882
cg03454639	TNFAIP8L3	0.0227718	0.281665	0.727976	-1.37367	0.0784513	0.574261	-1.74137	0.000671832	0.228516	-4.37607	0.45411	1.24157	1.24157	0.116024	0.615875	-1.62371
cg04659317	TNFAIP8L3	0.024489	0.160778	0.564071	-1.77283	0.0251778	0.361461	-2.76655	0.0114322	0.298282	-3.35253	0.0432158	0.411123	-2.43236	0.0188702	0.33721	-2.96552
cg12122631	TNFAIP8L3	0.0274437	0.0107621	0.373411	-2.67801	0.00963993	0.365255	-2.73781	0.0214385	0.4276	-2.33864	0.116259	0.591712	-1.69001	0.0114247	0.377891	-2.64626
cg24034459	TNFAIP8L3	0.0302613	0.839708	0.921723	-1.08492	0.00356095	0.204039	-4.90102	0.00556512	0.230911	-4.33067	0.186811	0.569394	-1.75625	0.0364279	0.375785	-2.6611
cg02346713	TNFAIP8L3	0.0360939	0.0218538	0.4547	-2.19925	0.0412176	0.509376	-1.96319	0.0736131	0.564792	-1.77056	0.0631597	0.549565	-1.81962	0.00633236	0.361245	-2.7682
cg23907004	TNFRSF10A	0.00144253	0.466689	0.846368	-1.18152	0.0927195	0.659281	-1.5168	0.0783241	0.643762	-1.55337	0.0168396	0.518524	-1.92855	0.0261551	0.552006	-1.81157
cg04793096	TNFRSF10A	0.0136539	0.99102	0.998309	-1.00169	0.109522	1.29996	1.29996	0.0196262	0.654501	-1.52788	0.0124605	0.626569	-1.59599	0.0375548	0.695743	-1.43731
cg08292569	TNFRSF10A	0.0341023	0.0427265	0.348908	-2.86609	0.0822265	0.419342	-2.38469	0.00724855	0.209349	-4.77671	0.166896	0.514177	-1.94486	0.00477235	0.184312	-5.42557
cg23303108	TNFRSF10A	0.0411802	0.932782	1.01717	1.01717	0.67701	1.08821	1.08821	0.683002	1.08639	1.08639	0.502262	0.871612	-1.1473	0.290423	1.24783	1.24783
cg26918957	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.000103347	0.317643	0.96264	-1.03881	0.905626	0.995638	-1.00438	0.293583	0.960637	-1.04098	0.962805	1.00172	1.00172	0.0124446	0.891683	-1.12147
cg04338042	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.000114144	2.82E-05	0.313411	-3.1907	0.00262524	0.556184	-1.79796	0.658118	0.9392	-1.06474	0.119333	0.788146	-1.2688	0.000277769	0.43263	-2.31145
cg08907891	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.00551496	0.122175	0.457687	-2.1849	0.0137846	0.241637	-4.13844	0.299379	0.605451	-1.65166	0.474871	1.40359	1.40359	?	?	?
cg22236711	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.00605213	0.00165782	0.259263	-3.85709	0.78896	1.08378	1.08378	0.501657	0.815038	-1.22694	0.869567	0.951907	-1.05052	0.00144067	0.251207	-3.98078
cg03542721	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.00718303	0.0602468	0.864346	-1.15694	0.24983	0.920602	-1.08625	0.34815	0.935714	-1.0687	0.195822	0.910191	-1.09867	0.412044	1.05939	1.05939
cg00264419	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.00746612	0.00063203	0.164325	-6.08549	0.229451	0.648144	-1.54287	0.0999355	0.53799	-1.85877	0.112753	0.55231	-1.81058	0.0199752	0.380739	-2.62647
cg14840163	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.015397	0.012233	0.565319	-1.76891	0.871215	0.970788	-1.03009	0.00961995	0.549409	-1.82014	0.73847	0.940606	-1.06314	0.00683797	0.52721	-1.89678
cg13580286	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.0189493	0.0126871	0.236305	-4.23182	0.0282426	0.29927	-3.34146	0.0175473	0.26028	-3.84202	0.220695	0.54903	-1.82139	0.0123186	0.234221	-4.26947
cg10700964	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.0301926	0.7848	0.952565	-1.0498	0.00121857	0.431535	-2.31731	0.335631	0.838385	-1.19277	0.107914	1.3654	1.3654	0.050936	0.67383	-1.48405
cg09237849	TNFRSF10C	5.68E-05	0.000373493	0.632421	-1.58123	0.547257	0.952145	-1.05026	1.85E-05	0.495439	-2.01841	0.97394	1.00263	1.00263	0.91653	1.00848	1.00848
cg13169515	TNFRSF10C	0.000830759	0.894948	1.02651	1.02651	0.0447278	0.633629	-1.57821	0.000112686	0.260949	-3.83217	0.000331785	0.317533	-3.14928	0.000501942	0.340442	-2.93736
cg08783300	TNFRSF10C	0.00436161	0.157944	0.718759	-1.39129	0.162514	1.38563	1.38563	0.0184595	1.86858	1.86858	0.0244306	1.79772	1.79772	0.185606	1.35937	1.35937
cg26500398	TNFRSF10C	0.00900955	0.278121	1.19824	1.19824	0.78701	1.04439	1.04439	0.000256978	0.380977	-2.62483	0.216717	0.811845	-1.23176	0.258497	1.20812	1.20812
cg23221723	TNFRSF10C	0.0239303	0.090478	0.552329	-1.81051	0.450501	1.27721	1.27721	0.23433	0.672514	-1.48696	0.024267	0.425443	-2.35049	0.00323963	0.278623	-3.58908
cg05636175	TNFRSF10C	0.0315203	0.60458	0.748691	-1.33566	0.934317	1.04673	1.04673	0.810848	1.14207	1.14207	0.0649124	3.15337	3.15337	0.0251157	4.37534	4.37534
cg14918744	TNFRSF10D	0.00305347	0.00947841	0.232869	-4.29426	0.0142407	0.26175	-3.82044	0.0060795	0.204333	-4.89397	0.0324484	0.329557	-3.03437	0.0022236	0.149627	-6.6833
cg16876348	TNFRSF10D	0.0108598	0.104075	1.56212	1.56212	0.67449	0.899405	-1.11185	0.00093148	0.289287	-3.45677	0.254917	1.34763	1.34763	0.182333	0.700998	-1.42654
cg11947493	TNFRSF10D;TNFRSF10D	0.0279008	0.0261615	7.52221	7.52221	0.039193	6.20315	6.20315	0.0953355	4.06114	4.06114	0.177515	2.99224	2.99224	0.0320162	6.83011	6.83011
cg01031400	TNFRSF10D;TNFRSF10D	0.0357603	0.0659167	3.77759	3.77759	0.0758749	3.57006	3.57006	0.0594093	3.93824	3.93824	0.199087	2.39661	2.39661	0.0551911	4.05606	4.05606
cg17279410	TNFRSF11A	4.75E-06	1.34E-05	0.261848	-3.81902	0.0194869	1.51429	1.51429	6.32E-07	0.134785	-7.41924	0.00081438	0.476276	-2.09962	4.99E-05	0.326801	-3.05997
cg15961044	TNFRSF11A	8.97E-06	1.94E-05	3.97438	3.97438	8.82E-06	4.63934	4.63934	0.612574	0.921941	-1.08467	0.191797	0.802584	-1.24598	0.0217332	0.645032	-1.55031
cg24422198	TNFRSF11A	1.31E-05	1.10E-05	3.38637	3.38637	1.34E-05	3.27899	3.27899	0.0397757	1.36302	1.36302	0.0724284	1.29844	1.29844	0.247873	1.17045	1.17045
cg01765461	TNFRSF11A	3.74E-05	0.782498	0.966415	-1.03475	0.0202455	1.41285	1.41285	0.000168794	2.20359	2.20359	0.131427	0.817883	-1.22267	0.990164	0.998479	-1.00152
cg11815914	TNFRSF11A	5.71E-05	4.12E-05	5.92659	5.92659	0.00933786	2.11794	2.11794	0.169055	1.39585	1.39585	0.00629027	0.444808	-2.24816	0.0725243	0.633758	-1.57789
cg11966450	TNFRSF11A	7.94E-05	0.472506	1.29794	1.29794	0.000350081	7.77487	7.77487	0.100125	1.90206	1.90206	0.0198067	2.7294	2.7294	0.00586456	0.276088	-3.62203
cg11697226	TNFRSF11A	8.94E-05	0.000107228	7.82485	7.82485	0.139118	1.615	1.615	0.947914	0.980521	-1.01987	0.879383	1.04679	1.04679	0.185048	0.65493	-1.52688
cg22205276	TNFRSF11A	0.000942941	0.174849	1.79528	1.79528	0.0352616	0.369979	-2.70286	0.000208296	0.0807143	-12.3894	0.00289573	0.190032	-5.26226	0.00034	0.0962761	-10.3868
cg17804850	TNFRSF11A	0.00166055	0.937473	0.972087	-1.02871	0.252159	1.53978	1.53978	0.00016785	0.0991309	-10.0877	0.0158819	0.344449	-2.90319	0.00148604	0.191345	-5.22618
cg25740602	TNFRSF11A	0.00200321	0.570665	0.83701	-1.19473	0.0201521	2.38713	2.38713	0.000218313	0.14753	-6.7783	0.00217623	0.26311	-3.80069	0.138224	0.60925	-1.64136
cg16954577	TNFRSF11A	0.00272093	0.312665	1.30074	1.30074	0.0636285	1.69045	1.69045	0.000340241	0.233869	-4.27591	0.0229573	0.504145	-1.98356	0.130913	1.50777	1.50777
cg15363349	TNFRSF11A	0.00396403	0.996875	0.998951	-1.00105	0.522158	0.840397	-1.18991	0.598843	0.867367	-1.15291	0.0651764	0.574102	-1.74185	0.954881	1.01528	1.01528
cg19524723	TNFRSF11A	0.00749509	0.0740832	0.491728	-2.03364	0.29489	1.47313	1.47313	0.00189913	0.208212	-4.8028	0.0676499	0.481897	-2.07513	0.835021	1.07721	1.07721
cg07888234	TNFRSF11A	0.00927826	0.356491	0.793062	-1.26094	0.00735375	2.327	2.327	0.363139	1.2567	1.2567	0.368182	1.25354	1.25354	0.953258	0.985772	-1.01443
cg24258439	TNFRSF11A	0.0127991	0.704021	1.06725	1.06725	0.000812285	0.422704	-2.36572	0.194249	1.26387	1.26387	0.210918	0.798703	-1.25203	0.255004	1.22464	1.22464
cg15315773	TNFRSF11A	0.0496823	0.36859	0.788469	-1.26828	0.641691	0.886384	-1.12818	0.00588214	0.395506	-2.52841	0.214977	0.714679	-1.39923	0.0115408	0.443538	-2.2546
cg07083896	TNFRSF11B	0.00188938	0.558254	1.10597	1.10597	0.0387832	1.5024	1.5024	0.988277	1.0025	1.0025	0.906708	1.02014	1.02014	0.0130138	0.592033	-1.68909
cg02242372	TNFRSF11B	0.0154637	0.000512113	0.427614	-2.33856	0.311613	0.848798	-1.17814	0.035197	0.681006	-1.46842	0.13854	0.779014	-1.28367	0.0161931	0.630886	-1.58507
cg13268132	TNFRSF11B	0.0234954	0.0349508	0.736212	-1.35831	0.111434	1.24117	1.24117	0.228614	1.17052	1.17052	0.349984	1.12736	1.12736	0.263627	0.864842	-1.15628
cg26019549	TNFRSF11B	0.0417728	0.255222	0.765287	-1.3067	0.0111153	0.488269	-2.04805	0.0211639	0.535701	-1.86671	0.886256	0.968281	-1.03276	0.155168	1.40858	1.40858
cg20195987	TNFRSF12A	0.00977193	0.895471	1.02475	1.02475	0.579149	1.10983	1.10983	0.128645	1.35725	1.35725	0.0588678	0.672426	-1.48715	0.460205	0.869485	-1.15011
cg04387477	TNFRSF13B	0.000260721	0.211531	0.804868	-1.24244	0.0002432	0.367657	-2.71992	5.26E-06	0.182009	-5.49424	0.103125	0.745239	-1.34185	0.0753792	0.721441	-1.38611
cg13195185	TNFRSF13B	0.00123738	0.659713	1.09343	1.09343	0.000122019	0.258692	-3.8656	0.0187341	0.563116	-1.77583	0.157892	0.737583	-1.35578	0.00103963	0.375721	-2.66155
cg01502320	TNFRSF13B	0.00240556	0.0167209	0.639347	-1.5641	0.00217433	0.517527	-1.93227	0.000123138	0.358507	-2.78935	0.141281	0.784848	-1.27413	0.291063	0.845539	-1.18268
cg13203480	TNFRSF13B	0.0297851	0.260416	0.853994	-1.17097	0.0492773	1.3522	1.3522	0.086363	1.29012	1.29012	0.252665	0.851589	-1.17428	0.620469	1.06942	1.06942
cg18152830	TNFRSF13B	0.0492462	0.133135	0.660331	-1.51439	0.0265285	0.509879	-1.96125	0.011925	0.44766	-2.23384	0.0579575	0.577524	-1.73153	0.107444	0.637607	-1.56836
cg21663219	TNFRSF13C	0.000775709	0.000481664	0.390451	-2.56114	0.0017467	0.464695	-2.15195	0.000100568	0.305969	-3.2683	0.0603218	0.694999	-1.43885	0.000419069	0.382673	-2.6132
cg14884931	TNFRSF13C	0.00190645	0.0136007	1.56699	1.56699	0.443543	0.891428	-1.1218	0.977518	1.00415	1.00415	0.0804248	1.33015	1.33015	0.0126825	0.633954	-1.5774
cg02368508	TNFRSF17	0.0317282	0.140771	0.520904	-1.91974	0.760066	1.13439	1.13439	0.0282035	0.344128	-2.9059	0.351944	0.674135	-1.48338	0.00124295	0.143371	-6.97489
cg03254230	TNFRSF17	0.0489267	0.366862	0.827975	-1.20777	0.268631	1.26443	1.26443	0.0124644	0.530921	-1.88352	0.707536	0.926124	-1.07977	0.00616819	0.483136	-2.06981
cg02709725	TNFRSF18;TNFRSF18;TNFRSF18	0.000486904	0.00101914	0.353555	-2.82842	0.000841915	0.342416	-2.92042	0.1268	0.702943	-1.42259	0.0210638	0.553114	-1.80795	0.000383797	0.298295	-3.35239
cg18319381	TNFRSF18;TNFRSF18;TNFRSF18	0.00322338	0.000401886	0.379852	-2.6326	0.27559	0.822784	-1.21539	0.00912907	0.565774	-1.76749	0.00515925	0.529853	-1.88731	0.00128606	0.446205	-2.24112
cg19237691	TNFRSF18;TNFRSF18;TNFRSF18	0.00397913	0.0149998	2.93613	2.93613	0.00148201	5.21491	5.21491	0.0042709	3.96299	3.96299	0.0223652	2.68004	2.68004	0.65887	0.852115	-1.17355
cg08641866	TNFRSF18;TNFRSF18;TNFRSF18	0.0122466	0.0372271	6.894	6.894	0.0328799	7.33286	7.33286	0.0542921	5.71748	5.71748	0.110165	4.01483	4.01483	0.180913	3.10837	3.10837
cg00086243	TNFRSF18;TNFRSF18;TNFRSF18	0.0166696	0.109974	2.00178	2.00178	0.0488167	0.408075	-2.45053	0.444455	0.733037	-1.36419	0.395167	0.706865	-1.4147	0.00347297	0.20593	-4.85601
cg07119157	TNFRSF18;TNFRSF18;TNFRSF18	0.0174629	0.504032	1.14481	1.14481	0.872329	1.0326	1.0326	0.0907834	1.45011	1.45011	0.623596	1.10369	1.10369	0.000547541	0.342679	-2.91818
cg14886269	TNFRSF18;TNFRSF18;TNFRSF18	0.0179447	0.0139584	6.04982	6.04982	0.0280716	4.6552	4.6552	0.0897099	3.03136	3.03136	0.0521769	3.70369	3.70369	0.027909	4.66524	4.66524
cg15706223	TNFRSF18;TNFRSF18;TNFRSF18	0.0216193	0.0253749	4.99858	4.99858	0.0260809	4.94679	4.94679	0.139899	2.61625	2.61625	0.10963	2.87516	2.87516	0.0525706	3.79807	3.79807
cg10583942	TNFRSF18;TNFRSF18;TNFRSF18	0.0474535	0.753781	1.08552	1.08552	0.168675	0.682153	-1.46595	0.349906	1.28523	1.28523	0.770005	0.926393	-1.07946	0.0639092	0.580936	-1.72136
cg06097659	TNFRSF18;TNFRSF18;TNFRSF18;TNFRSF18;TNFRSF18	0.028885	0.0214299	28.6219	28.6219	0.0908098	9.59302	9.59302	0.121094	7.69061	7.69061	0.08373	10.2046	10.2046	0.0250055	25.4423	25.4423
cg10594075	TNFRSF19	0.000671693	0.114698	0.777702	-1.28584	0.112924	0.776574	-1.28771	0.000612377	0.461427	-2.16719	0.0199322	0.662493	-1.50945	0.000229289	0.407837	-2.45196
cg22125926	TNFRSF19	0.0156325	0.0678306	0.575798	-1.73672	0.0202812	2.12808	2.12808	0.037628	1.9171	1.9171	0.187344	1.45806	1.45806	0.0170776	0.456292	-2.19158
cg14985741	TNFRSF19	0.0212676	0.369807	1.23815	1.23815	0.00139226	0.341516	-2.92812	0.0384423	0.573346	-1.74415	0.0269691	0.544693	-1.8359	0.557201	1.14763	1.14763
cg11968286	TNFRSF19	0.0246466	0.0196303	0.0923131	-10.8327	0.00758454	0.0548939	-18.217	0.0732237	0.184814	-5.41084	0.461435	0.53065	-1.88448	0.00640687	0.0499096	-20.0362
cg24350296	TNFRSF19	0.0293056	0.0683229	1.48423	1.48423	0.213959	1.28811	1.28811	0.0101264	1.87322	1.87322	0.0262341	1.66555	1.66555	0.830252	1.04241	1.04241
cg06150803	TNFRSF19	0.0354071	0.344877	0.511467	-1.95516	0.0586054	0.229393	-4.35933	0.638366	0.721637	-1.38574	0.776681	1.2165	1.2165	0.000713993	0.0286905	-34.8548
cg03960313	TNFRSF19;TNFRSF19	0.00157535	0.00156929	0.442487	-2.25995	0.772889	0.949381	-1.05332	0.0340064	0.641321	-1.55928	0.389516	0.853598	-1.17151	5.11E-05	0.256188	-3.90338
cg07517487	TNFRSF19;TNFRSF19	0.00247481	0.376877	1.39123	1.39123	0.544819	1.24944	1.24944	0.0933263	0.506864	-1.97292	0.646606	0.845683	-1.18248	4.70E-05	0.04491	-22.2668
cg12855461	TNFRSF19;TNFRSF19	0.00504864	0.00459211	6.01969	6.01969	0.750726	1.16374	1.16374	0.476278	0.708503	-1.41143	0.00988621	4.71547	4.71547	0.0537369	2.83513	2.83513
cg07040435	TNFRSF19;TNFRSF19	0.00930208	0.0297156	0.557259	-1.7945	0.790619	0.941002	-1.0627	0.00131805	0.343687	-2.90962	0.0108157	0.481181	-2.07822	0.0813764	0.643095	-1.55498
cg22091297	TNFRSF19;TNFRSF19	0.0124274	0.221916	1.50378	1.50378	0.943306	0.977651	-1.02286	0.12592	1.69258	1.69258	0.652201	1.1551	1.1551	0.00383279	0.289753	-3.45122
cg22950904	TNFRSF19;TNFRSF19	0.0145969	0.00531205	0.311558	-3.20968	0.00250619	0.263721	-3.79189	0.0364389	0.462109	-2.16399	0.0733877	0.53058	-1.88473	0.0308016	0.447	-2.23714
cg10656742	TNFRSF19;TNFRSF19	0.0182055	0.0117427	0.284604	-3.51365	0.302977	0.653135	-1.53108	0.308916	0.656779	-1.52258	0.523513	0.77251	-1.29448	0.00648364	0.243462	-4.10741
cg21655844	TNFRSF19;TNFRSF19	0.0325871	0.049186	0.502112	-1.99159	0.0653369	1.88662	1.88662	0.145619	1.61513	1.61513	0.0809772	0.552278	-1.81068	0.855007	1.05773	1.05773
cg25788533	TNFRSF19;TNFRSF19	0.0364008	0.579643	0.917851	-1.0895	0.149655	1.26702	1.26702	0.0856775	0.747493	-1.33781	0.574387	0.916735	-1.09083	0.0301955	0.676725	-1.4777
cg09483067	TNFRSF1A	2.18E-05	0.000106277	0.201029	-4.97441	3.52E-06	0.0777104	-12.8683	0.000671841	0.295256	-3.38689	3.99E-05	0.158666	-6.30255	0.431713	0.828465	-1.20705
cg00668890	TNFRSF1A	0.00179235	0.206263	0.559534	-1.7872	0.00190842	0.147346	-6.78676	0.0269308	0.319426	-3.13062	0.0013253	0.130845	-7.64263	0.19256	1.82336	1.82336
cg18372367	TNFRSF1A	0.0019132	0.00104134	0.292478	-3.41906	0.0181883	0.483775	-2.06708	0.000615288	0.263044	-3.80165	0.000327433	0.229944	-4.34888	0.0108756	0.444989	-2.24724
cg21341592	TNFRSF1A	0.00534489	0.3813	1.34313	1.34313	0.0248936	2.40369	2.40369	0.136781	1.69312	1.69312	0.0968402	1.81986	1.81986	0.00232622	4.04287	4.04287
cg16429476	TNFRSF1A	0.0351873	0.121599	1.48114	1.48114	0.00613598	2.30933	2.30933	0.0290129	1.82648	1.82648	0.0940908	0.649965	-1.53854	0.555667	0.869786	-1.14971
cg00989220	TNFRSF1A	0.037483	0.19015	1.50716	1.50716	0.036835	2.04813	2.04813	0.00259933	3.43334	3.43334	0.271645	1.4026	1.4026	0.0332716	2.08685	2.08685
cg26160008	TNFRSF1A;TNFRSF1A	0.000128229	0.0485722	0.588505	-1.69922	0.0001966	0.229251	-4.36203	0.00386568	0.400191	-2.4988	0.000133393	0.210511	-4.75034	0.551734	0.867894	-1.15221
cg00973286	TNFRSF1A;TNFRSF1A	0.000298158	0.499069	0.832473	-1.20124	0.000277902	0.204043	-4.90092	0.00482111	0.368165	-2.71617	0.000215238	0.191948	-5.20974	0.769358	0.924442	-1.08173
cg01250490	TNFRSF1B	8.55E-06	0.234189	1.29086	1.29086	0.0296819	1.68874	1.68874	0.729892	0.931501	-1.07354	0.371579	0.828763	-1.20662	1.69E-06	0.085739	-11.6633
cg06740893	TNFRSF1B	6.96E-05	9.52E-05	0.34607	-2.88959	0.0658034	1.37054	1.37054	0.374373	1.14938	1.14938	0.114359	1.29981	1.29981	1.06E-05	0.23796	-4.20238
cg15622556	TNFRSF1B	0.00270067	0.698426	0.914528	-1.09346	0.495011	1.17235	1.17235	0.0579006	0.6114	-1.63559	0.396349	1.22057	1.22057	0.000434572	0.279029	-3.58386
cg18124517	TNFRSF1B	0.00301199	0.723058	0.916085	-1.0916	0.20838	1.38639	1.38639	0.0263342	0.522624	-1.91342	0.0622133	0.596243	-1.67717	0.000650387	0.275853	-3.62512
cg13391664	TNFRSF1B	0.00332439	0.00420559	0.440478	-2.27026	0.129623	0.704546	-1.41935	0.00069758	0.33084	-3.02261	0.00399011	0.43706	-2.28802	0.0454165	0.612137	-1.63362
cg26189983	TNFRSF1B	0.00367107	0.146318	0.647354	-1.54475	0.123779	0.628223	-1.59179	0.0972369	0.601965	-1.66123	0.00541844	0.360359	-2.77501	0.00251007	0.310202	-3.22371
cg05599723	TNFRSF1B	0.00632111	0.384473	1.20836	1.20836	0.031279	1.70966	1.70966	0.148952	0.719993	-1.3889	0.168019	0.732095	-1.36594	0.000419902	0.305218	-3.27635
cg22677556	TNFRSF1B	0.00711023	0.0259597	0.170085	-5.87943	0.000598215	0.0287349	-34.8009	0.0126782	0.125387	-7.9753	0.119326	0.322129	-3.10434	0.0216366	0.157525	-6.34818
cg13471521	TNFRSF1B	0.00916335	0.654461	1.13424	1.13424	0.296047	0.738634	-1.35385	0.954837	0.98429	-1.01596	0.276515	0.728718	-1.37227	0.0850402	0.58718	-1.70306
cg15526535	TNFRSF1B	0.0111956	0.00744607	0.103386	-9.67251	0.01772	0.149721	-6.67907	0.0435689	0.216978	-4.60877	0.128817	0.339336	-2.94693	0.00681097	0.0994187	-10.0585
cg09816691	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06221574	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05148831	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20881960	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12601933	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21727141	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01804382	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07120254	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16901727	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16756949	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06972565	TNFRSF1B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04195774	0.342765	0.806709	-1.2396	0.278418	0.780617	-1.28104	0.653647	1.10435	1.10435	0.0980053	0.671082	-1.49013	6.72164	5.14093	0.679851	1
cg26305729	0.237213	0.763258	-1.31017	0.00399544	0.42995	-2.32585	0.272407	1.28304	1.28304	0.633793	0.900588	-1.11039	6.24358	4.70664	0.670077	1
cg04855216	0.826533	0.934566	-1.07002	0.161089	1.58648	1.58648	0.000999482	4.51185	4.51185	0.549704	0.829756	-1.20517	6.18072	9.30622	1.33839	1
cg00421693	0.0711219	0.342966	-2.91574	0.00395881	0.127818	-7.82361	0.112686	0.399878	-2.50076	0.0189997	0.221474	-4.5152	5.30914	23.6932	3.96687	1
cg21130861	0.0111836	0.103598	-9.65266	0.00795591	0.0883575	-11.3177	0.035958	0.175535	-5.69688	0.686819	1.33514	1.33514	5.21772	37.3542	7.15911	1
cg15408889	0.161136	0.791883	-1.26281	0.36581	0.865138	-1.15588	0.222846	1.22105	1.22105	0.0530284	0.709794	-1.40886	4.04886	1.55878	0.342215	1
cg00524900	0.381651	0.832286	-1.20151	0.117005	0.705825	-1.41678	0.112888	1.4234	1.4234	0.244333	0.779428	-1.28299	3.8351	2.54251	0.589297	1
cg17471836	0.000322673	1.65897	1.65897	0.671715	0.963587	-1.03779	0.279371	0.906776	-1.10281	0.000206561	1.71728	1.71728	20.8867	2.50467	0.106593	1
cg24957532	0.698379	0.945855	-1.05724	0.00776973	1.63009	1.63009	0.100812	0.773431	-1.29294	0.0836012	1.31488	1.31488	10.8189	3.50151	0.287688	1
cg21097090	0.00450811	2.21297	2.21297	0.950903	0.987162	-1.013	0.13898	1.39679	1.39679	0.155662	0.727043	-1.37543	8.7606	6.10905	0.619851	1
cg03210210	0.297632	0.824994	-1.21213	0.16113	1.3056	1.3056	0.90989	1.02038	1.02038	0.0108768	0.565695	-1.76774	7.90727	3.97572	0.446928	1
cg24120357	0.31512	0.814401	-1.2279	0.0351963	0.615774	-1.62397	0.0903345	0.691508	-1.44611	0.656959	1.09236	1.09236	6.72315	4.15963	0.549958	1
cg23985447	0.995267	0.99882	-1.00118	0.117485	0.712785	-1.40295	0.741657	1.0681	1.0681	0.84984	1.03846	1.03846	4.91539	3.08717	0.558276	1
cg19843939	?	?	?	0.972461	0.990092	-1.01001	0.305809	0.7365	-1.35777	0.0290113	0.475978	-2.10094	3.79571	4.44598	1.17132	1
cg19863459	1.76E-05	0.153523	-6.5137	0.0595023	0.664542	-1.5048	0.000833349	0.362398	-2.7594	0.0230611	0.590307	-1.69403	33.0197	18.1932	0.428539	1
cg15231794	0.527638	1.13012	1.13012	0.00472265	0.487959	-2.04935	0.000314463	0.327489	-3.05353	0.339577	0.828489	-1.20702	8.58169	4.96627	0.514405	1
cg24065991	0.022308	0.47068	-2.12459	0.00138956	0.279411	-3.57895	0.474236	0.818511	-1.22173	0.0840544	0.59095	-1.69219	5.96072	7.14878	1.06606	1
cg22754389	0.633294	0.851099	-1.17495	0.585664	1.20279	1.20279	0.972103	0.988339	-1.0118	0.281049	0.686726	-1.45618	5.81824	10.368	1.58399	1
cg04765929	0.697548	1.19392	1.19392	?	?	?	0.0780244	2.46639	2.46639	0.509244	1.35567	1.35567	6.50398	18.4344	2.48003	1
cg03694433	0.00297241	0.420314	-2.37917	0.496549	0.863482	-1.1581	0.615524	0.897931	-1.11367	0.00784842	0.484153	-2.06546	4.17028	2.98586	0.636432	1
cg00356811	0.310766	0.77068	-1.29755	0.00208998	0.341135	-2.93139	0.249966	0.741852	-1.34798	0.289483	0.761034	-1.314	3.84762	3.75913	0.868446	1
cg03032253	0.0175295	0.418259	-2.39086	0.00845683	2.75591	2.75591	0.554414	1.19758	1.19758	0.837631	1.06382	1.06382	3.70269	5.33132	1.27987	1
cg00318000	0.437863	1.34106	1.34106	0.029902	2.57901	2.57901	0.001756	5.22393	5.22393	0.0403798	2.40618	2.40618	6.39962	13.9378	1.93592	1
cg11825431	0.951512	0.985307	-1.01491	0.464849	1.19848	1.19848	0.889905	1.03429	1.03429	0.0473048	0.575569	-1.73741	4.8973	4.59518	0.834054	1
cg16565154	0.189547	1.48419	1.48419	0.619097	1.15304	1.15304	0.24767	1.40978	1.40978	0.0433177	0.516642	-1.93558	4.64585	5.94092	1.13667	1
cg21544402	0.465667	0.820551	-1.21869	0.0145329	0.448454	-2.22988	0.115385	1.57771	1.57771	0.0166676	0.459031	-2.1785	3.76671	4.23335	0.999008	1
cg20318580	0.000265655	0.245431	-4.07447	2.31E-05	0.137243	-7.28635	0.000324351	0.255737	-3.91027	0.218721	0.738259	-1.35454	18.4786	16.1051	0.774713	1
cg01058070	0.111757	0.71725	-1.39421	3.77E-06	0.125949	-7.93971	0.00126569	0.405478	-2.46623	0.0104564	0.538788	-1.85602	17.3467	10.1149	0.518312	1
cg22038124	0.0615616	0.508029	-1.96839	0.0341359	0.451556	-2.21457	0.0241663	0.421267	-2.37379	0.271807	0.692202	-1.44466	6.03775	9.88955	1.45596	1
cg23343680	0.900941	1.05591	1.05591	0.0506766	0.378014	-2.6454	0.0011328	0.123378	-8.10515	0.132904	0.492459	-2.03063	5.75146	17.3864	2.68707	1
cg03454639	0.110721	0.610702	-1.63746	0.0608768	0.549072	-1.82125	0.755092	0.915037	-1.09285	0.619519	1.15262	1.15262	4.50029	5.739	1.13356	1
cg04659317	0.00633514	0.257045	-3.89037	0.0748146	0.468396	-2.13495	0.00996471	0.288263	-3.46905	0.31415	0.671757	-1.48863	4.3886	10.1535	2.05655	1
cg12122631	0.838178	0.93907	-1.06488	0.0282113	0.450862	-2.21797	0.0473309	0.497788	-2.00889	0.549141	0.82999	-1.20483	4.21746	6.31273	1.3305	1
cg24034459	0.115991	0.502799	-1.98887	0.276642	0.634185	-1.57683	0.425793	1.38723	1.38723	0.187607	0.570041	-1.75426	4.07426	10.4524	2.28042	1
cg02346713	0.101051	0.597876	-1.67259	0.011203	0.402376	-2.48524	0.982971	0.993905	-1.00613	0.555953	0.843156	-1.18602	3.82421	4.96938	1.15507	1
cg23907004	0.0160447	0.51494	-1.94197	3.67E-05	0.167193	-5.9811	0.007578	0.461397	-2.16733	0.00164172	0.362311	-2.76006	10.598	8.51223	0.713947	1
cg04793096	0.00601107	0.582915	-1.71552	0.241418	1.20246	1.20246	0.691213	0.941739	-1.06187	0.0200954	0.655973	-1.52445	5.34363	1.91312	0.318238	1
cg08292569	0.0759497	0.410048	-2.43874	0.0282389	0.310564	-3.21995	0.304609	0.618852	-1.6159	0.0658253	0.393866	-2.53893	3.90361	12.5969	2.86843	1
cg23303108	0.412355	0.844395	-1.18428	0.000895519	2.72774	2.72774	0.258941	1.2683	1.2683	0.128037	1.39377	1.39377	3.64383	2.35007	0.573286	1
cg26918957	0.000335183	0.807982	-1.23765	1.76E-06	0.644032	-1.55272	0.0281883	0.908889	-1.10024	0.0850366	1.07272	1.07272	21.9464	0.472266	0.0191281	1
cg04338042	0.000229258	0.422321	-2.36787	3.20E-05	0.319725	-3.12769	0.913913	0.984884	-1.01535	0.47848	1.10682	1.10682	21.3699	6.71439	0.279287	1
cg08907891	0.786438	0.880997	-1.13508	0.0684654	0.386125	-2.58983	0.469401	1.40972	1.40972	0.000173656	0.0511159	-19.5634	7.27298	22.286	3.06422	1
cg22236711	0.924989	0.972152	-1.02865	0.414922	0.778854	-1.28394	0.137788	0.619217	-1.61494	0.00104569	0.233397	-4.28454	6.92065	9.85893	1.26628	1
cg03542721	0.293552	0.92779	-1.07783	0.00022459	0.655563	-1.52541	0.0717598	1.14831	1.14831	0.205717	1.09618	1.09618	6.56205	0.491782	0.0666163	1
cg00264419	0.211151	0.635706	-1.57305	0.0241271	0.396636	-2.5212	0.509282	0.794365	-1.25887	0.000891694	0.180662	-5.5352	6.4832	12.1416	1.6647	1
cg14840163	0.159979	0.76007	-1.31567	0.0494789	1.50623	1.50623	0.30654	1.21342	1.21342	0.0717282	0.69252	-1.444	5.13609	2.71625	0.470093	1
cg13580286	0.227226	0.554121	-1.80466	0.0071086	0.19802	-5.05	0.0203587	0.271942	-3.67725	0.0111133	0.227061	-4.40411	4.79139	16.4579	3.05324	1
cg10700964	0.467396	1.1403	1.1403	0.225692	0.797805	-1.25344	0.905832	1.02123	1.02123	0.433211	0.86763	-1.15257	4.07755	2.03566	0.443766	1
cg09237849	0.000367583	1.58297	1.58297	0.676653	0.966797	-1.03434	2.09E-05	0.501056	-1.99578	0.394194	0.932147	-1.07279	25.7366	2.64223	0.0912571	1
cg13169515	0.0609606	0.658224	-1.51924	0.263728	0.793976	-1.25948	0.00946793	0.521482	-1.91761	0.0035794	0.457805	-2.18433	12.3996	7.70069	0.552037	1
cg08783300	0.00078448	3.03642	3.03642	0.0285571	1.75969	1.75969	0.00554436	2.21924	2.21924	0.00201446	2.59365	2.59365	7.64982	5.79703	0.6736	1
cg26500398	0.496344	0.895153	-1.11713	0.238682	1.21884	1.21884	0.030309	0.664749	-1.50433	0.538952	0.905059	-1.1049	6.11032	2.48865	0.362032	1
cg23221723	0.326753	0.724561	-1.38015	0.0233663	0.422238	-2.36834	0.0115548	0.366035	-2.73198	0.0621802	0.51265	-1.95065	4.42385	7.09542	1.42569	1
cg05636175	0.513487	0.692711	-1.4436	0.295736	0.548403	-1.82348	0.0501169	3.44712	3.44712	0.00285631	9.72111	9.72111	4.01551	19.5225	4.32157	1
cg14918744	0.00472911	0.189446	-5.27855	0.00121672	0.122583	-8.15777	0.00105067	0.116588	-8.57723	0.038783	0.34618	-2.88867	8.51336	26.4989	2.76678	1
cg16876348	0.0711637	0.602965	-1.65847	0.662033	1.11672	1.11672	0.163847	0.688732	-1.45194	0.00705994	0.417311	-2.39629	5.75624	5.74319	0.886872	1
cg11947493	0.127767	3.52311	3.52311	0.00264252	24.0924	24.0924	0.0137881	10.2596	10.2596	0.0559637	5.23759	5.23759	4.19302	38.8435	8.23454	1
cg01031400	0.0486905	4.26457	4.26457	0.00291003	13.9519	13.9519	0.0145462	6.95057	6.95057	0.102175	3.16527	3.16527	3.83713	25.2162	5.84146	1
cg17279410	7.53E-06	0.23521	-4.25151	2.19E-05	0.285545	-3.50207	0.496851	0.903598	-1.10669	0.00501713	0.579549	-1.72548	49.1774	16.8181	0.303989	1
cg15961044	0.208999	1.23463	1.23463	8.34E-07	8.11567	8.11567	0.000759193	2.25305	2.25305	0.00348018	1.87965	1.87965	41.7333	16.7422	0.356596	1
cg24422198	0.377118	1.12533	1.12533	0.246628	0.853983	-1.17098	1.19E-05	3.34343	3.34343	2.72E-06	4.34376	4.34376	37.8545	10.1764	0.238958	1
cg01765461	0.153943	1.20735	1.20735	0.382404	0.895313	-1.11693	5.60E-07	5.52899	5.52899	0.258839	1.15654	1.15654	28.7396	6.9364	0.214536	1
cg11815914	0.0148488	0.505559	-1.97801	0.0093308	0.472104	-2.11818	8.31E-05	5.01608	5.01608	0.000108218	4.72636	4.72636	25.6971	21.0852	0.729358	1
cg11966450	0.182328	0.603427	-1.6572	0.000122847	0.0915026	-10.9286	2.43E-05	20.1009	20.1009	0.00987516	3.20132	3.20132	23.5488	47.5017	1.79303	1
cg11697226	0.403745	0.773167	-1.29338	0.444723	1.26439	1.26439	0.000220882	6.37792	6.37792	3.98E-06	25.2307	25.2307	22.8161	32.7614	1.27634	1
cg22205276	0.549083	0.782058	-1.27868	0.0707698	2.2676	2.2676	0.0249009	0.338772	-2.95184	0.0229253	0.331713	-3.01465	11.964	31.1567	2.31485	1
cg17804850	0.0247014	0.380973	-2.62486	0.0554646	2.18857	2.18857	0.0179847	0.354423	-2.82149	0.113572	0.537261	-1.86129	10.1766	20.9855	1.833	1
cg25740602	0.534377	0.822537	-1.21575	0.0226538	0.42862	-2.33307	0.00926133	0.358701	-2.78783	0.0184923	0.411899	-2.42778	9.6374	14.712	1.35693	1
cg16954577	0.00422031	0.381172	-2.62349	0.257667	0.742758	-1.34633	0.0257378	0.513338	-1.94803	0.0394192	0.548879	-1.82189	8.80928	8.84313	0.892305	1
cg15363349	0.279635	0.739874	-1.35158	0.59779	1.1534	1.1534	7.81E-05	6.79309	6.79309	0.143919	0.656492	-1.52325	7.8739	8.95997	1.0115	1
cg19524723	0.272805	1.50233	1.50233	0.0035578	4.08995	4.08995	0.0851545	0.507242	-1.97144	0.242465	0.646472	-1.54686	6.47534	13.0418	1.79028	1
cg07888234	0.622267	1.12907	1.12907	0.0963483	0.639956	-1.56261	0.00037911	4.00754	4.00754	0.431421	1.2169	1.2169	6.05353	5.73008	0.841394	1
cg24258439	0.500331	0.889895	-1.12373	0.228222	1.24067	1.24067	0.00904669	0.567943	-1.76074	0.661854	0.927705	-1.07793	5.45783	2.5133	0.409329	1
cg15315773	0.0451985	0.553587	-1.8064	0.0733518	0.598183	-1.67173	0.873715	1.04178	1.04178	0.0589048	0.577525	-1.73153	3.39635	3.56262	0.932405	1
cg07083896	0.592793	0.912258	-1.09618	3.81E-05	0.26068	-3.83613	0.787113	1.04713	1.04713	0.452204	0.877842	-1.13916	9.80288	4.49307	0.407415	1
cg02242372	0.367209	0.864968	-1.15611	0.0262619	0.661787	-1.51106	0.0419614	0.692763	-1.44349	0.193236	0.806044	-1.24063	5.12874	1.99212	0.345265	1
cg13268132	0.345536	1.12869	1.12869	0.00190568	0.578097	-1.72981	0.694472	1.05042	1.05042	0.412544	1.11004	1.11004	4.452	1.09485	0.218598	1
cg26019549	0.697096	1.09209	1.09209	0.0588013	1.61714	1.61714	0.35356	0.806575	-1.23981	0.1655	0.716693	-1.3953	3.62461	2.91138	0.713979	1
cg20195987	0.891562	0.974948	-1.0257	0.000182917	0.308322	-3.24336	0.981889	1.00423	1.00423	0.643526	0.91697	-1.09055	5.95436	3.2626	0.487054	1
cg04387477	0.25616	1.21591	1.21591	0.64811	0.927016	-1.07873	0.705188	1.06469	1.06469	0.569944	0.909648	-1.09933	17.0931	7.36383	0.382939	1
cg13195185	0.392253	0.838041	-1.19326	0.00784984	1.98912	1.98912	0.208384	0.765394	-1.30652	0.02789	0.592266	-1.68843	11.0743	7.12757	0.5721	1
cg01502320	0.329677	1.16655	1.16655	0.522292	1.10441	1.10441	0.00706461	0.586757	-1.70428	0.123705	0.774662	-1.29089	9.1349	3.3929	0.330153	1
cg13203480	0.00943706	0.642512	-1.55639	0.0408019	1.37368	1.37368	0.122202	0.798334	-1.25261	0.565437	0.924849	-1.08126	4.09727	1.17314	0.254509	1
cg18152830	0.639161	0.886066	-1.12858	0.226317	0.722228	-1.3846	0.00738681	0.413067	-2.42092	0.067855	0.592216	-1.68857	3.40773	3.54106	0.923666	1
cg21663219	0.42275	0.868807	-1.151	0.041034	0.667013	-1.49922	0.0775509	0.713938	-1.40068	0.00338727	0.504449	-1.98236	12.6413	5.90565	0.415265	1
cg14884931	0.050785	1.38736	1.38736	0.000160143	2.58268	2.58268	0.0100056	1.6135	1.6135	0.019137	1.51759	1.51759	9.77728	3.35167	0.304713	1
cg02368508	0.126311	0.506182	-1.97557	0.0377924	0.370967	-2.69566	0.243848	0.60535	-1.65194	0.0936045	0.468097	-2.13631	4.00608	10.7516	2.38562	1
cg03254230	0.569606	0.889561	-1.12415	0.175099	0.745524	-1.34134	0.62009	1.10712	1.10712	0.0550363	0.642104	-1.55738	3.41616	2.24359	0.583786	1
cg02709725	0.000257078	0.276847	-3.6121	0.00689173	0.473988	-2.10976	0.000153075	0.250196	-3.99686	0.00292038	0.417808	-2.39344	14.3961	10.3861	0.64129	1
cg18319381	0.18883	0.787083	-1.27051	0.0100063	0.571649	-1.74932	0.0208818	0.61995	-1.61303	0.00800676	0.557425	-1.79396	8.37726	3.92411	0.416376	1
cg19237691	0.377079	1.38608	1.38608	0.000443419	7.36993	7.36993	0.0348364	2.42532	2.42532	0.177463	1.67577	1.67577	7.86488	16.1616	1.82659	1
cg08641866	0.0833162	4.62044	4.62044	0.000417383	87.1669	87.1669	0.0220449	8.95501	8.95501	0.019499	9.52623	9.52623	5.5368	55.8902	8.97273	1
cg00086243	0.96541	0.982873	-1.01743	0.0158277	3.24638	3.24638	?	?	?	0.211138	0.591655	-1.69017	5.09569	11.3845	2.23415	1
cg07119157	0.984533	1.00387	1.00387	0.0769759	1.48032	1.48032	0.938946	0.984837	-1.0154	0.435516	0.853264	-1.17197	4.92498	3.1032	0.560084	1
cg14886269	0.0370193	4.20265	4.20265	0.00102227	17.9311	17.9311	0.132304	2.6193	2.6193	0.0926628	2.995	2.995	4.88017	27.1639	4.94771	1
cg15706223	0.0627325	3.55372	3.55372	0.000830146	21.0575	21.0575	0.102801	2.94693	2.94693	0.0934462	3.05625	3.05625	4.58127	26.602	5.1615	1
cg10583942	0.750203	0.920075	-1.08687	0.345707	1.28822	1.28822	0.010732	0.433383	-2.30743	0.00831113	0.41486	-2.41045	3.45588	3.72257	0.957485	1
cg06097659	0.0838238	10.1959	10.1959	0.00229661	176.246	176.246	0.035285	19.5969	19.5969	0.0411473	17.4508	17.4508	4.14205	96.6221	20.7352	1
cg10594075	0.0165919	0.651292	-1.53541	7.01E-05	0.345195	-2.89692	0.248573	1.19335	1.19335	0.101361	0.768826	-1.30068	13.1622	4.47736	0.302371	1
cg22125926	0.0213886	0.474182	-2.1089	0.741315	0.914481	-1.09352	0.604031	1.15164	1.15164	0.13175	1.55124	1.55124	5.1103	5.89419	1.02524	1
cg14985741	0.647499	1.11269	1.11269	0.203718	1.36499	1.36499	0.922785	0.977765	-1.02274	0.413679	0.823803	-1.21388	4.60706	3.92521	0.757332	1
cg11968286	0.0441421	0.14166	-7.05915	0.00848186	0.0584355	-17.1129	0.17507	0.295562	-3.38338	0.0910247	0.207365	-4.82241	4.37884	49.5344	10.0553	1
cg24350296	0.0505953	0.649839	-1.53884	0.742077	0.938099	-1.06599	0.0998491	1.41752	1.41752	0.0283198	1.6502	1.6502	4.12092	2.44334	0.527033	1
cg06150803	0.998857	1.00099	1.00099	0.489705	0.616571	-1.62187	0.86645	1.12299	1.12299	0.566153	1.49134	1.49134	3.85097	28.9662	6.68604	1
cg03960313	0.134482	0.748496	-1.33601	0.00894933	0.55054	-1.8164	0.212085	1.26612	1.26612	0.136045	0.749496	-1.33423	10.3326	5.27339	0.453657	1
cg07517487	0.0227743	0.361591	-2.76556	0.912072	0.960725	-1.04088	0.240055	1.56727	1.56727	0.394182	0.727816	-1.37397	10.7328	21.8909	1.58638	1
cg12855461	0.71352	0.839091	-1.19177	0.00227732	7.61734	7.61734	0.00223753	7.66385	7.66385	0.00729754	5.18666	5.18666	7.31693	26.2314	3.1867	1
cg07040435	0.0602195	0.616092	-1.62313	0.164903	1.40292	1.40292	0.410819	1.2119	1.2119	0.130553	1.45227	1.45227	6.0486	5.00266	0.73518	1
cg22091297	0.0217526	0.416726	-2.39966	0.0237509	2.35786	2.35786	0.347296	0.735249	-1.36008	0.0232221	0.422211	-2.36848	5.51047	8.81422	1.42181	1
cg22950904	0.0394028	0.469298	-2.13084	0.235801	0.674073	-1.48352	0.00521458	0.310315	-3.22254	0.0816912	0.541983	-1.84507	5.22752	8.34414	1.41884	1
cg10656742	0.340112	0.67537	-1.48067	0.00174989	0.168488	-5.93513	0.458612	0.739868	-1.35159	0.0111223	0.280634	-3.56336	4.85654	12.2592	2.24378	1
cg21655844	0.0161295	0.405234	-2.46771	0.940153	1.02331	1.02331	0.152045	1.60132	1.60132	0.0616277	0.524166	-1.90779	3.96795	5.91671	1.32545	1
cg25788533	0.648048	1.07295	1.07295	0.0169101	1.5627	1.5627	0.0349729	0.686285	-1.45712	0.152808	0.790892	-1.26439	3.81246	1.41732	0.330454	1
cg09483067	0.000360166	0.261351	-3.82628	1.19E-05	0.113924	-8.77778	0.000268511	0.246097	-4.06344	0.000468485	0.275399	-3.6311	33.1335	28.8576	0.774179	1
cg00668890	0.0236462	0.308277	-3.24384	0.000267547	0.0738762	-13.5362	0.114699	0.473709	-2.111	0.00359737	0.179616	-5.56745	9.95407	29.9056	2.67054	1
cg18372367	0.0457619	0.559945	-1.78589	0.0249513	0.508826	-1.96531	0.00525425	0.393725	-2.53984	0.167882	0.689219	-1.45092	9.76723	9.9198	0.902774	1
cg21341592	0.728639	1.12122	1.12122	0.257234	1.47468	1.47468	0.000246631	7.3082	7.3082	0.0066794	3.1773	3.1773	7.19038	12.2906	1.51939	1
cg16429476	0.7626	1.07348	1.07348	0.0215581	1.9079	1.9079	0.899547	1.03	1.03	0.66199	1.10845	1.10845	3.85967	3.34881	0.771238	1
cg00989220	0.13266	1.6156	1.6156	0.0360222	2.05655	2.05655	0.0251933	2.19689	2.19689	0.467138	1.24453	1.24453	3.77197	5.22188	1.23057	1
cg26160008	0.000776994	0.302214	-3.30891	5.54E-05	0.171213	-5.84067	0.000599306	0.287655	-3.47638	5.47E-05	0.170652	-5.85987	20.7128	18.1644	0.779525	1
cg00973286	0.000530995	0.236575	-4.22698	6.06E-05	0.138143	-7.23888	0.00184501	0.306818	-3.25926	0.00709951	0.394797	-2.53295	16.4779	18.6333	1.00516	1
cg01250490	0.433478	0.849056	-1.17778	4.31E-07	0.0532207	-18.7897	0.321293	0.810763	-1.23341	0.113575	0.702939	-1.4226	42.249	28.045	0.590048	1
cg06740893	0.256525	0.834578	-1.19821	2.96E-05	0.28679	-3.48687	0.166488	0.798316	-1.25264	0.132476	0.780457	-1.2813	24.3848	9.00365	0.328207	1
cg15622556	0.0995668	0.660843	-1.51322	0.000212936	0.241771	-4.13614	0.0810414	0.641519	-1.5588	0.984373	1.0045	1.0045	8.82875	7.36379	0.741395	1
cg18124517	0.148162	0.682421	-1.46537	0.00337107	0.374466	-2.67047	0.0220553	0.508484	-1.96663	0.000711233	0.280808	-3.56115	8.54801	8.21443	0.8542	1
cg13391664	0.097466	0.677772	-1.47542	0.00680746	0.472415	-2.11678	0.00106745	0.355509	-2.81287	0.0101392	0.499755	-2.00098	8.30053	6.01357	0.643983	1
cg26189983	0.100647	0.605627	-1.65118	0.000206463	0.176727	-5.65846	0.0048738	0.353178	-2.83143	0.0201111	0.457525	-2.18567	8.05776	9.92489	1.09486	1
cg05599723	0.0243647	1.76732	1.76732	0.746031	1.07141	1.07141	0.446717	1.17893	1.17893	0.251902	0.775658	-1.28923	6.82819	4.87175	0.634201	1
cg22677556	0.211424	0.413823	-2.41649	0.005708	0.0881112	-11.3493	0.00475284	0.0810494	-12.3382	0.0613284	0.243444	-4.10772	6.58295	46.8271	6.32301	1
cg13471521	0.212078	1.44415	1.44415	0.044564	1.9058	1.9058	0.000325078	0.196967	-5.077	0.166186	0.661788	-1.51106	6.07756	7.52478	1.10056	1
cg15526535	0.0872169	0.2884	-3.46741	0.00228536	0.0603054	-16.5823	0.00656905	0.0978468	-10.2201	0.0369598	0.202851	-4.92972	5.70004	39.1394	6.10356	1
cg09816691	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06221574	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05148831	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20881960	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12601933	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21727141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01804382	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07120254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16901727	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16756949	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06972565	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3 477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg14746012	TNFRSF21	0.02883	0.470233	0.864761	-1.15639	0.00279606	0.442571	-2.25901	0.0111469	0.532973	1.87627	0.5388859	0.897687	-1.11397	0.154648	0.739837	-1.35165	0.147102	1.36036	1.36036	0.296068	0.807446	-1.23847	0.816495	0.955063	-1.04705	0.0344159	0.613855	-1.62905	0.44484	2.56825	0.550778	1
cg18015809	TNFRSF21	0.0418756	0.314232	0.855595	-1.16878	0.597166	1.0832	1.0832	0.351765	1.15442	1.15442	0.656485	1.06938	1.06938	0.00638516	1.70205	1.70205	0.336173	1.16021	1.16021	0.00390109	1.63958	1.63958	0.508798	1.10566	1.10566	0.0163296	1.55265	1.55265	3.6213	1.28788	0.316123	1
cg09130162	TNFRSF21,TNFRSF21 5,PLEKHG5,TNFRSF25,PLEKHG 5,PLEKHG5,TNFRSF25,TNFRSF 25;PLEKHG5;TNFRSF25;TNFRSF	0.00430724	0.647327	0.885878	-1.12882	0.00800595	2.44496	2.44496	0.00189424	3.18399	3.18399	0.0184544	0.471449	-2.12112	0.212961	1.41208	1.41208	0.324728	1.30675	1.30675	0.396422	0.795757	-1.25667	0.728472	0.912391	-1.09602	0.00353301	0.353314	-2.83034	7.67892	8.4171	0.974339	1
cg03893150	25;PLEKHG5;TNFRSF25;TN FRSF25;PLEKHG5;TN FRSF25;PLEKHG5;TNFRSF 25;PLEKHG5;TNFRSF25;TNFRSF	0.00220589	0.00184611	3.7753	3.7753	0.000271855	6.08447	6.08447	0.0241002	2.24397	2.24397	0.0392362	2.04792	2.04792	0.756953	0.910939	-1.09777	0.0533843	1.93356	1.93356	0.127377	1.64109	1.64109	0.00349416	5.62517	5.62517	0.0505592	1.95328	1.95328	9.63365	13.7755	1.27105	1
cg23114616	25;PLEKHG5;TNFRSF25;TN FRSF25;PLEKHG5;TN FRSF25;PLEKHG5;TNFRSF 25;PLEKHG5;TNFRSF25;TNFRSF	0.0054069	0.162436	1.78925	1.78925	0.037148	2.57004	2.57004	0.13007	0.528401	-1.8925	0.983565	0.991997	-1.00807	0.0232095	2.88228	2.88228	0.222772	1.64838	1.64838	0.00047610	2	8.49891	8.49891	0.00206512	5.43377	5.43377	0.0732381	2.17996	2.17996	7.16499	17.2696	2.14247	1
cg10539898	25;PLEKHG5;TNFRSF25;TN FRSF25;PLEKHG5;TNFRSF25;PLEKHG 5;PLEKHG5;TNFRSF25;TNFRSF	0.0257317	0.280297	1.73269	1.73269	0.112759	2.32917	2.32917	0.397519	0.654229	-1.52852	0.482788	1.41815	1.41815	0.668636	0.809864	-1.23477	0.234482	1.84113	1.84113	0.00130028	9.9155	9.9155	0.00801527	5.2807	5.2807	0.444499	1.46489	1.46489	4.31366	16.3885	3.37707	1
cg15088325	25;TNFRSF25;PLEKHG5;TN FRSF25;PLEKHG5;TNFRSF 25;PLEKHG5;TNFRSF25;TNFRSF	0.00185495	0.00174668	6.640257	-1.56187	0.091607	1.20396	1.20396	0.180871	0.867652	-1.15254	0.0308814	0.776249	-1.28825	0.0435985	0.793074	-1.26092	0.010416	0.724469	-1.38032	0.00190336	1.552	1.552	0.0041159	0.680757	-1.46895	0.107426	0.838976	-1.19193	0.85139	1.55854	0.140569	1
cg16681526	25;TNFRSF25;PLEKHG5;TN FRSF25;PLEKHG5;TNFRSF 25;PLEKHG5;TNFRSF25;TNFRSF	0.00243777	0.279777	0.749503	-1.33422	0.126795	1.52779	1.52779	0.000243322	0.210808	-4.74365	0.671034	0.896159	-1.11587	0.227155	1.38455	1.38455	0.480832	0.832023	-1.20189	0.000876848	3.59799	3.59799	0.442851	1.22237	1.22237	0.407216	1.24305	1.24305	9.09926	9.49068	0.927126	1
cg26186134	25;TNFRSF25;PLEKHG5;TN FRSF25;PLEKHG5;TNFRSF 5;PLEKHG5;TNFRSF25;TNFRSF	0.00855848	0.1345	0.832659	-1.20097	0.294265	0.883862	-1.1314	0.00378182	0.641842	-1.55802	0.890313	1.01578	1.01578	0.889853	0.984397	-1.01585	0.00574672	1.50807	1.50807	0.00991952	1.45634	1.45634	0.076796	0.799837	-1.25026	0.474923	0.920848	-1.08596	6.21054	1.26682	0.183315	1
cg04500986	25;TNFRSF25;PLEKHG5;TN FRSF25;TNFRSF25;PLEKHG5;TNFRSF 5;TNFRSF25;TNFRSF25;TNFR	0.0086722	0.401773	0.876289	-1.14118	0.0996562	0.757529	-1.32008	0.340756	0.85978	-1.16309	0.861388	0.973463	-1.02726	0.334548	1.1655	1.1655	0.00423112	1.80269	1.80269	0.00066358	2.23018	2.23018	0.984504	1.00299	1.00299	0.128198	1.28797	1.28797	6.18466	2.31963	0.333388	1
cg12814070	SF25;PLEKHG5;TNFRSF25; TNFRSF25;TNFRSF25;PLEKHG 5;TNFRSF25;TNFRSF25;TNFR	0.0230385	0.100958	2.2424	2.2424	0.0111653	4.17773	4.17773	0.774224	0.878713	-1.13803	0.788899	1.12822	1.12822	0.0446295	2.81934	2.81934	0.144394	2.02357	2.02357	0.00189968	7.22907	7.22907	0.0195822	3.55396	3.55396	0.102013	2.23579	2.23579	4.48227	14.3469	2.84517	1
cg10982045	25;TNFRSF25;TNFRSF25;TN FRSF25;TNFRSF25;TNFR	0.00274541	0.0401346	2.1845	2.1845	0.0546366	2.05088	2.05088	0.0119689	2.80963	2.80963	0.0326996	2.27821	2.27821	0.0197251	2.52909	2.52909	0.0467376	2.11746	2.11746	9.04E-05	10.0402	10.0402	0.00206118	4.17889	4.17889	0.0254006	2.39985	2.39985	8.78598	15.106	1.5283	1
cg15358431	25;TNFRSF25 5;TNFRSF25;TNFRSF25;TNFR	0.0216447	0.0114048	0.318058	-3.14408	0.10059	1.91678	1.91678	0.0424611	0.429454	-2.32854	0.825961	0.923427	-1.08292	0.00511198	0.262295	-3.81251	0.631649	0.839684	-1.19092	0.141973	0.564881	-1.77028	0.014341	0.335509	-2.98055	0.34911	0.705615	-1.4172	4.57943	9.49106	1.84226	1
cg27224823	25;TNFRSF25 5;TNFRSF25;TNFRSF25;TNFR	0.0229856	0.0237856	0.574085	-1.7419	0.0389828	0.449634	-2.22442	0.462075	0.85728	-1.16648	0.36628	1.21036	1.21036	0.11142	0.699848	-1.42888	0.095105	0.685758	-1.45824	0.362122	1.21249	1.21249	0.0941395	1.46017	1.46017	0.611909	0.90011	-1.11098	4.1269	2.7653	0.595615	1
cg13331246	25;TNFRSF25 5;TNFRSF25;TNFRSF25;TNFR	0.0421172	0.128335	1.93998	1.93998	0.0063733	4.18408	4.18408	0.113903	2.00043	2.00043	0.524692	1.29678	1.29678	0.0814499	2.18038	2.18038	0.364856	1.45552	1.45552	0.00825523	2.93036	3.90336	0.0471569	2.49852	2.49852	0.0245456	2.94399	2.94399	3.61359	9.30134	2.28799	1
cg11756870	25;TNFRSF25;TNFRSF25;TNFRSF25;TNFRSF 5;TNFRSF25;TNFRSF25;TNFR	0.00012963	0.00484345	2.05437	2.05437	0.00714375	1.95309	1.95309	0.797336	1.05084	1.05084	0.523975	0.882993	-1.13251	0.0685064	1.48136	1.48136	0.816748	1.04574	1.04574	3.57E-06	8.12813	8.12813	7.58E-05	3.9873	3.9873	0.153257	1.3427	1.3427	20.6523	12.1448	0.52272	1
cg10059687	25;TNFRSF25;TNFRSF25;TNFRSF25;TNFRSF 5;TNFRSF25;TNFRSF25;TNFR	0.00334982	0.0565925	1.51378	1.51378	0.0430529	1.56397	1.56397	0.244817	0.791576	-1.2633	0.409512	1.17591	1.17591	0.772	1.0574	1.0574	0.203033	1.29454	1.29454	5.03E-06	7.36476	7.36476	0.00103018	2.54526	2.54526	0.0314219	1.62397	1.62397	15.9603	9.32933	0.519585	1
cg00807884	25;TNFRSF25;TNFRSF25	0.000592757	0.00138334	0.506481	-1.97441	0.0387736	0.703936	-1.42058	0.00029383	0.420862	-2.37607	0.129439	0.786354	-1.27169	0.000727499	0.470591	-2.12499	0.0455811	0.71439	-1.3998	0.000118451	0.372246	-2.6864	0.0671143	0.740037	-1.35128	0.000418599	0.440143	-2.27199	13.63	4.64606	0.302996	1
cg15205428	25;TNFRSF25;TNFRSF25;TNFRSF25;TNFRSF 25;TNFRSF25;TNFRSF25;TNFR	0.0053963	0.0751322	1.81361	1.81361	0.0464024	1.98447	1.98447	0.285974	0.716852	-1.39409	0.370465	1.31821	1.31821	0.245998	1.43977	1.43977	0.11896	1.62657	1.66257	0.00019144	6.60424	6.60424	0.00285119	3.43323	3.43323	0.120718	1.6579	1.6579	13.1691	10.2467	1.27044	1
cg02084087	25;TNFRSF25;TNFRSF25	0.0296403	0.013086	2.20582	2.20582	0.143044	1.50216	1.50216	0.940705	1.01931	1.01931	0.256495	1.35585	1.35585	0.437482	1.22579	1.22579	0.515573	1.18466	1.18466	0.00330048	2.79766	2.79766	0.00864783	2.63412	2.63412	0.0366661	1.86645	1.86645	4.10437	4.29459	0.930086	1
cg22335801	TNFRSF4	0.00153183	0.438682	0.877653	-1.1394	0.0278752	0.650932	-1.53626	0.978758	1.00441	1.00441	0.0174847	0.620087	-1.61268	0.000134225	0.335182	2.98344	0.029815	0.655469	-1.52563	0.00189008	0.355901	-2.80977	0.691524	0.936232	-1.06811	0.0155751	0.612587	-1.63242	0.41454	4.50324	0.384286	1
cg20544186	TNFRSF4	0.0041581	0.0159419	0.758775	-1.31791	0.0820256	0.83508	-1.19749	0.239696	0.891227	-1.12205	0.559655	0.946319	-1.05673	0.0111456	0.742609	-1.3466	0.240277	1.12187	1.12187	0.00188451	1.51001	1.51001	0.00406083	0.6970398	-1.43452	0.0556548	0.816415	-1.22487	7.76118	1.07539	0.123165	1
cg26167209	TNFRSF4	0.00485218	0.661368	0.940954	-1.06257	0.6116523	1.06651	1.06651	0.24426	1.20796	1.20796	0.0185736	1.16553	1.16553	0.358626	0.888077	-1.12605	0.944024	1.02617	1.02617	0.0107965	1.80161	-1.24749	0.469869	0.9116955	-1.09686	0.00307513	0.579762	-1.72485	0.74608	1.8546	0.222592	1
cg23394673	TNFRSF4	0.00517119	0.00649007	0.324008	-3.08635	0.0663953	0.519039	-1.92664	0.0147393	0.384417	-2.60134	0.864863	0.947189	-1.05576	0.00266217	0.266201	-3.75656	0.109765	0.573891	-1.74249	0.000285197	0.151466	-6.60214	0.597405	0.843862	-1.18503	0.182075	0.636907	-1.57009	7.26349	11.6714	1.42832	1
cg09503311	TNFRSF4	0.00532873	0.0241128	0.749488	-1.33423	0.58846	1.06032	1.06032	0.00452391	1.5002	1.5002	0.126766	0.837751	-1.19372	0.6481	1.0505	1.0505	0.629996	0.949291	-1.05342	0.9445442	1.00735	1.00735	0.00722245	0.5765102	-1.7358	0.0266259	0.759687	-1.31581	7.19706	1.31018	0.161917	1
cg09586191	TNFRSF4	0.01174032	0.0478296	0.549772	-1.81906	0.0647277	0.0003224939	0.173446	-2.57776	0.259993	0.83959	-1.22012	0.8484221	0.966124	-1.03293	0.6430657	0.910257	-1.08547	0.22341	1.805276	0.00161	-1.10913	0.0481245	0.682214	-1.46582	0.0655377	0.704742	-1.41896	4.93063	2.23824	0.403508	1
cg20274267	TNFRSF8	7.57E-06	0.201938	0.717052	-1.3946	0.0420968	0.560961	-1.78266	0.00452948	0.393106	-2.54384	4.97E-06	0.0765874	-13.057	3.97E-05	0.143769	-6.95561	1.86E-05	1.0163	0.0638781	0.598004	-1.67223	0.0282906	0.527709	-1.89498	43.6035	42.0815	0.857661	1
cg25382900	TNFRSF8	2.17E-05	0.0291349	0.6911	-1.4469	0.000780385	0.397957	-3.24721	0.00440564	0.276611	-3.61518	4.58E-05	0.167881	-5.95955	5.32E-07	0.039462	-25.3408	0.005405	0.42807	-2.33641	0.00190339	0.362694	-2.75714	0.0877793	0.6645166	-1.54761	0.000102547	0.203172	4.921095	13.4439	28.1973	0.756226	1
cg14834850	TNFRSF8	0.000257179	0.1803681	1.24645	1.24645	0.195833	1.23595	1.23595	0.00121521	2.08207	2.08207	0.000187298	2.65447	2.65447	0.0151734	0.6300666	-1.58713	0.157498	0.791301	-1.26374	0.000191568	2.64596	2.64596	0.000184356	2.66047	2.66047	0.8098496	0.963366	-1.03803	17.157	6.51661	0.337619	1
cg04506109	TNFRSF8	0.00499025	0.00434255	2.26559	2.26559	0.00813544	2.06874	2.06874	0.0464186	0.44542	-2.24507	0.637201	0.903087	-1.10731	0.206164	0.751157	-1.33128	0.792161	0.944908	-1.0583	0.1010409	0.680568	-1.46936	0.07905	1.52034	1.52034	0.0218058	1.80525	1.80525	1.52497	0.53546	0.644215	1
cg13689066	TNFRSF8	0.00511791	0.0700147	0.5606595	-1.97591	0.0901525	0.533727	-1.87362	0.00561995	0.294611	-3.39431	0.172183	1.62994	1.62994	0.0340232	0.26226	-3.81301	0.277679	0.684186	-1.46159	0.000500092	0.160355	-6.23617	0.380821	0.7391184	-1.35284	0.0195552	0.387289	-2.58205	7.28653	13.0431	1.59114	1
cg16305333	TNFRSF8	0.01865511	0.00248994	2.34594	2.34594	0.0117137	1.89439	1.89439	0.760557	1.06397	1.06397	0.381333	0.833471	-1.1998	0.485675	0.866129	-1.15456	0.0374141	1.63226	1.63226	0.121408	0.7312193	-1.40589	0.0941035	1.45268	1.45268	0.5689115	1.12389	1.12389	4.81677	3.13964	0.57939	1
cg07017135	TNFRSF8	0.02154872	0.0210186	0.233955	-4.27442	0.0382502	0.284649	-3.5131	0.0417174	0.529794	-1.91537	0.112169	0.404543	-2.47192	0.0232125	0.324773	-4.1361	0.267949	0.546297	-1.83051	0.00955744	0.179586	-5.56836	0.00334155	0.123729	-8.0822	0.302164	0.571619	-1.74942	4.32805	18.7656	3.85406	1
cg09471658	TNFRSF8	0.0268538	0.000821081	12.6437	12.6437	0.118082	2.34913	2.34913	0.0119662	4.84539	4.84539	0.939942	0.962787	-1.03865	0.6948	0.820002	-1.21951	0.562187	1.34303	1.34303	0.924561	1.04882	1.04882	0.44821	1.47549	1.47549	0.653878	1.251	1.251	2.44975	17.0478	3.56576	1
cg17801840	TNFRSF8	0.00287491	0.0633981	0.197435	-5.06525	0.0115676	0.363059	-2.75437	0.0967372	0.284315	-3.35216	0.0211016	0.115853	-8.63164	0.0183813	0.108256	-9.23739	0.0553039	0.184828	-5.41042	0.00154407	0.0287044	-34.8378	0.0108953	0.0810268	-12.3416	0.122326	0.0970169	-10.6891	4.14896	35.4667	8.50963	1
cg26691200	TNFRSF8	0.0324537	0.979384	1.0046	1.0046	0.594758	1.1	1.1	0.0188694	0.603575	-1.65679	0.488198	0.882487	-1.13316	0.352026	0.843653	-1.18532	0.499765	0.885497	-1.12931	0.001027	0.4216	-2.37192	0.17107	0.772041	-1.29527	0.102549	0.728082	-1.37347	3.97379	1.98323	0.443624	1
cg01966612	TNFRSF8	0.0467821	0.911774	0.567221	-1.03389	0.708335	0.893151	-1.11963	0.0784117	0.555507	-1.80016	0.0812532	0.561805	-1.77998	0.471389	0.802279	-1.24645	0.206455	0.609857	-1.49286	0.783803	1.08622	1.08622	0.0237422	2.25166	2.25166	0.0143128	2.4798	2.4798	3.47449	4.97557	1.27262	1
cg00463840	TNFRSF8,TNFRSF8	1.81E-06	0.00338997	0.660195	-1.51471	0.00110388	1.65086	1.65086	0.000158532	0.510076	-1.96049	0.475325	1.0786	1.0786	1.27E-06	2.14E-08	0.11162	-8.95894	0.601168	0.946511	-1.05651	0.702086	0.960734	-1.04087	0.274942	0.8883447	-1.12589	0.0998646	0.828648	-1.20678	63.0666	10.8409	0.152942	1
cg07499259	TNFRSF8,TNFRSF8	0.00175609	0.822061	0.95527	-1.04683	0.0830467	0.677137	-1.47681	0.00237777	0.422884	-2.36471	0.68437	1.08657	1.08657	5.94E-05	0.221134	-4.52214	0.12177	1.40603	1.40603	0.394696	1.19375	1.19375	0.324431	1.22966	1.22966	0.2903111	0.8001151	-1.24976	10.0132	6.5454	0.581046	1
cg07707505	TNFRSF8,TNFRSF8	0.00183844	0.0053105	0.534829	-1.87002	0.0250152	0.57499	1.57499	0.0124575	0.666981	1.66981	0.0126564	0.589796	-1.69574	0.0107385	0.5792	-1.72652	0.0011719	0.442456	-2.26011	0.0294566	0.634256	-1.57665	0.0184788	0.675944	-1.48053	0.0395653	0.666632	-1.50008	9.9381	4.56323	0.408855	1
cg15690400	TNFRSF8,TNFRSF8	0.00228641	0.440764	0.818082	-1.22237	0.0595987	0.50516	1.50516	0.713577	0.910137	-1.09874	0.30519	0.762474	-1.31152	0.0584489	0.3978851	-2.5135	0.100408	0.631486	-1.58357	0.000118918	0.179164	-5.58148	0.661354	1.11916	1.11916	0.2877121	0.754327	-1.32568	9.27209	0.579661	0.918387	1
cg10425291	TNFRSF8,TNFRSF8	0.00691524	0.0837331	0.7439	-1.34427	0.410583	1.13891	1.13891	0.00234875	0.518813	-1.92748	0.0104113	0.607357	-1.64648	0.000417162	0.427799	-2.33755	0.904197	0.98156	-1.01879	0.756653	0.953089	-1.04922	0.466988	0.89189	-1.12121	0.13278	0.778246	-1.28494	6.64028	2.5128	0.336171	1
cg20820107	TNFRSF8,TNFRSF8	0.00900586	0.0283015	0.635119	-1.57436	0.0209324	0.101718	-9.8337	0.00407902	0.168638	-5.92985	0.0077589	0.356205	-2.80655	0.0177599	0.2447237	-4.08601	0.218664	0.550214	-1.81748	0.180228	0.518127	-1.92928	0.0213339	0.278714	-3.58791	0.294877	0.605126	-1.65146	0.0998	20.6209	0.100206	1
cg14712983	TNFRSF8,TNFRSF8	0.0176449	0.007065514	0.0914948	-10.9296	0.00295223	0.0578371	-17.29	0.0390612	0.188645	-5.30097	0.0884532	0.269134	-3.71563	0.00933263	0.100289	-9.97119	0.09111281	0.272673	-3.66739	0.330891	0.496284	-2.01498	0.00918176	0.0992514	-10.0754	0.2215157	0.40765	-2.45309	4.90787	37.9057	6.86529	1
cg20978923	TNFRSF8,TNFRSF8	0.0180692	0.083972	0.4212576	-2.36896	0.785169	1.13383	1.13383	0.01828061	0.247493	-4.04287	0.6443091	0.810205	-1.23426	0.00142187	0.124404	-8.03833	0.0745067	0.407816	-2.45109	0.00631365	0.201248	-4.96899	0.1762648	0.522742	-1.91299	4.86884	15.687	2.86392	1
cg05121790	TNFRSF8,TNFRSF8	0.0213472	0.00523481	12.2422	12.2422	0.495825	1.60046	1.60046	0.803992	0.844417	-1.18425	0.871865	0.896038	-1.11602	0.316709	0.494642	-2.02167	0.239939	0.433099	-2.30894	0.951092	0.959145	-1.0426	0.00165586	21.3607	21.3607	0.886633	0.907547	-1.10187	4.60117	33.7019	6.51079	1
cg16575981	TNFRSF8,TNFRSF8	0.0167262	0.193582	1.22859	1.22859	0.207928	1.21982	1.21982	0.00238767	1.88427	1.88427	0.994161	0.998905	-1.0011	0.375553	0.8727561	-1.14758	0.575945	0.918911	-1.08824	0.0513543	0.7174861	-1.39376	0.2916653	0.8489557	-1.17792	0.635366	0.9310091	-1.07401	1.34793	0.315295	1
cg17897879	TNFRSF8,TNFRSF8	0.00445603	0.0404264	0.46526	0.824874	0.0653	1.66	1.66	0.0134079	2.12096	2.12096	0.2764411	1.38143	1.38143	0.0508405	0.8251514	-1.21195	0.0292046	0.48026	-2.08221	0.1360177	0.6322313	-1.58175	0.0401966	0.6184212	-1.61694	0.0109733	0.4488212	0.6104973	1.15793	1.15793	3.5385	4.56569	1.14402	1
cg14153654	TNFRSF9	0.00026012	2.63E-05	0.18677	-5.35417	0.751464	1.06621	1.06621	0.000319591	0.308688	-3.23952	0.0382904	0.616068	-1.6232	0.00303852	0.440717	-2.26903	0.715581	0.928826	-1.07663	0.00292316	0.438281	-2.28164	0.000241893	0.2933738	-3.40439	0.00165737	0.403254	-2.47983	17.1038	11.0276	0.573104	1
cg16117781	TNFRSF9	0.00075963	0.0249024	0.7144345	-1.39955	0.0250152	0.157807	-6.33223	0.0242815	0.551807	-1.81223	0.0127203	0.442727	-2.25822	0.0107285	0.5792	-1.72652	0.173121	0.691647	-1.44623	0.0107322	0.184947	-5.40911	0.0131692	0.2787514	-3.58791	0.294877	0.605126	-1.65146	0.0998	20.6209	0.100206	1
cg06956444	TNFRSF9	0.0101122	0.19583	0.743645	-1.34473	0.086811	1.50609	1.50609	0.00194521	0.387193	-2.58305	0.596991	0.890889	-1.12247	0.00893956	0.486684	-2.05472	0.0674806	0.641724	-1.5583	0.0158652	0.52745	-1.89592	0.0869806	0.664146	-1.50569	0.0120461	0.507637	-1.96991	5.88955	4.37315	0.660023	1
cg18025409	TNFRSF9	0.0109072	0.00503127	0.179015	-5.58327	0.0150898	0.631848	-1.58266	0.00848799	0.280292	-4.2803	0.105624	0.476926	-2.32739	0.00659933	0.350545	-2.85069	0.149813	0.475177	-2.10448	0.00187484	0.121566	-8.23602	0.00495037	0.168919	-5.91999	0.00398395	0.32067	-3.11847	5.58755	20.1079	3.24426	1
cg04779959	TNFSF11	0.000124886	0.00059735	0.183092	-5.46172	5.33E-05	0.0892104	-11.2095	0.00257577	0.262063	-3.81588	0.0149005	0.183031	-5.61075	4.28E-05	0.106971	-9.3483	0.2186404	0.550214	-1.81748	0.180228	0.518127	-1.92928	0.0213339	0.278714	-3.58791	0.294877	0.605126	-1.65146	0.0998	20.6209	0.100206	1
cg10588503	TNFSF11	0.00312826	0.0705609	0.482613	-2.07205	0.0176441	0.353212	-2.83116	0.00105812	0.174528	-5.72974	0.0353857	0.413461	-2.41861	0.00408707	0.139437	-7.17172	0.0238649	0.378349	-2.64306	0.0305569	0.400055	-2.49966	0.53063	1.25733	1.25733	0.00268112	2.224	-1.66248	0.42152	17.3977	1.82963	1
cg24222104	TNFSF11	0.00654985	0.1864128	1.41886	1.41886	0.2126576	1.13452	1.13452	0.0959524	0.779333	-1.2834	0.4599524	0.8163	-1.22497	0.3653	0.8004257	-1.24976	0.1047373	0.69554	-1.4654	0.0138605	1.65122	1.65122	0.0183676	0.983207	-1.01699	0.00827396	0.420157	-2.38086	6.75334	3.3091	0.383929	1
cg02634441	TNFSF11	0.0435541	0.553938	0.660074	-1.51498	0.0524915	0.216577	-4.61729	0.0177193	0.135194	-7.39677	0.230645	0.417905	-2.39289	0.927462	0.938777	-1.06522	0.511992	0.63037	-1.58637	0.00150439	0.0418625	-23.8877	0.454972	0.589771	-1.69557	0.303044	0.477018	-2.09636	3.5688	27.2097	6.77718	1
cg20904441	TNFSF11,TNFSF11	3.81E-06	0.672379	0.546085	-1.83126	0.0100183	1.51591	1.51591	0.0001759	0.2886	-3.46575	0.0139863	0.660962	-1.44747	0.000166551	0.440949	-2.2684	0.0001258	0.343531	-2.91095	0.00127	0.0018024	-55.4707	0.0001249	0.0122246	-8.18102	0.0001498	0.0131197	-2.42015	52.0598	15.5113	0.309727	1
cg00209194	TNFSF11,TNFSF11	4.21E-05	0.00188822	0.502486	-1.99001	0.0123172	1.06872	1.06872	0.0001	0.2886	-3.46575	0.0139863	0.660962	-1.44747	0.000166551	0.440949	-2.2684	0.0001558827	0.343531	-2.91095	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10985288	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.000285948	6.71E-05	0.217106	-4.60604	0.0817252	0.667988	-1.49703	0.0424097	0.61333	-1.63044	0.000408313	0.309008	-3.23616	0.000140386	0.252884	-3.95438
cg18183618	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.00765495	0.0308505	0.342624	-2.91865	0.0901694	0.454312	-2.20113	0.0109816	0.259709	-3.85047	0.457672	0.726497	-1.37647	0.00360707	0.189259	-5.28375
cg18058230	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.00906321	0.000492831	0.0637925	-15.6758	0.197578	0.503115	-1.98762	0.33816	0.607752	-1.64541	0.00969086	0.191931	-5.21021	0.0115559	0.203349	-4.91764
cg10180092	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0146641	0.00687198	0.210444	-4.75186	0.00926416	0.229811	-4.3514	0.00466929	0.187306	-5.33885	0.10308	0.452002	-2.21238	0.0339778	0.332136	-3.01081
cg14924866	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0244444	0.012627	0.340705	-2.93509	0.219087	0.638391	-1.56644	0.16896	0.601147	-1.66349	0.0490013	0.458194	-2.18248	0.0186203	0.371374	-2.6927
cg07881817	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0260097	0.0228016	0.35589	-2.80986	0.0181964	0.337172	-2.96585	0.0301833	0.380409	-2.62875	0.46236	0.753005	-1.32801	0.0734459	0.469169	-2.13143
cg12372632	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0355649	0.657408	1.09088	1.09088	0.007953	0.515245	-1.94082	0.029396	0.606559	-1.64865	0.537769	1.12929	1.12929	0.321517	1.2209	1.2209
cg01543197	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;MIR569	0.000487495	0.049834	1.31507	1.31507	0.00408812	1.60276	1.60276	0.0862599	0.792913	-1.26117	0.00123605	1.7828	1.7828	0.478765	0.915615	-1.09216
cg09652501	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;MIR569	0.0354138	0.218222	0.735461	-1.35969	0.0241379	0.528398	-1.89251	0.118538	0.66898	-1.49481	0.0533135	0.594054	-1.68335	0.245563	0.749665	-1.33393
cg18405631	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	3.14E-05	0.0576638	0.752589	-1.32875	0.000972788	0.52211	-1.91531	0.00884321	1.55475	1.55475	0.573233	0.9274	-1.07828	1.46E-06	0.198087	-5.04829
cg22877570	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.00217608	0.474884	1.25342	1.25342	0.000231371	6.68398	6.68398	0.0433704	2.05893	2.05893	0.21604	1.49884	1.49884	0.00686884	0.336898	-2.96826
cg23513600	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0249158	0.340637	1.46424	1.46424	0.410962	1.38609	1.38609	0.962226	1.01856	1.01856	0.0185634	3.02973	3.02973	0.58367	0.80661	-1.23976
cg01753140	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0308518	0.417243	1.17108	1.17108	0.340041	0.829181	-1.20601	0.260778	1.25036	1.25036	0.0988444	1.41163	1.41163	0.00365994	2.11419	2.11419
ch.3.3328721R	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0311095	0.0906567	0.43731	-2.28671	0.0517463	0.374468	-2.67046	0.0102965	0.238225	-4.19772	0.420088	0.693848	-1.44124	0.109822	0.461438	-2.16714
cg07753510	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0359548	0.673887	0.835102	-1.19746	0.000728254	0.112235	-8.90986	0.0904609	0.451927	-2.21275	0.534506	0.765041	-1.30712	0.163861	0.531245	-1.88237
cg21413905	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0365348	0.159939	0.627637	-1.59328	0.0628304	0.522393	-1.91427	0.633978	1.16045	1.16045	0.976832	0.991032	-1.00905	0.499573	1.2369	1.2369
cg15831032	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0371019	0.420344	0.879638	-1.13683	0.0704536	0.729827	-1.37019	0.00278293	1.90087	1.90087	0.332928	0.855916	-1.16834	0.76473	1.04786	1.04786
cg15237829	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0390265	0.807576	0.949766	-1.05289	0.225172	0.764091	-1.30874	0.0894886	0.673372	-1.48506	0.491686	1.15895	1.15895	0.00454295	0.450016	-2.22214
cg20532972	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0417109	0.336643	0.813262	-1.22962	0.0330033	0.594387	-1.6824	0.156649	0.728975	-1.37179	0.188969	0.747984	-1.33693	0.0921046	0.67918	-1.47236
cg02499139	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0472406	0.0545174	1.74602	1.74602	0.160018	1.46749	1.46749	0.15119	1.4814	1.4814	0.901087	1.03228	1.03228	0.405594	0.804606	-1.24284
cg14135060	TNIP1	0.000127505	0.213565	1.25584	1.25584	0.485053	1.13134	1.13134	0.132555	1.32617	1.32617	0.000436174	0.380261	-2.62977	7.06E-05	0.283396	-3.52863
cg22772462	TNIP1	0.00427059	0.405772	1.23308	1.23308	0.560825	0.865136	-1.15589	0.264311	0.750807	-1.3319	0.866897	1.04219	1.04219	0.0486438	1.74155	1.74155
cg17956926	TNIP1	0.0122728	0.179492	0.766775	-1.30416	0.322911	1.20946	1.20946	0.00541383	1.97743	1.97743	0.0382703	0.639396	-1.56398	0.851096	1.03562	1.03562
cg11599526	TNIP1	0.016579	0.062212	0.60026	-1.66595	0.235933	1.35251	1.35251	0.0755431	0.618177	-1.61766	0.851671	1.04656	1.04656	0.000735178	0.287333	-3.48028
cg06809458	TNIP1;TNIP1	0.00538829	0.792855	0.958234	-1.04359	0.0122385	1.65852	1.65852	0.340374	1.17267	1.17267	0.0424301	0.684655	-1.46059	0.301717	0.840761	-1.1894
cg22362636	TNIP2;TNIP2	0.000336604	0.0003104	0.367164	-2.72358	0.0980175	0.732865	-1.36451	0.924292	0.983855	-1.01641	0.0013723	2.21459	2.21459	0.000537827	0.397737	-2.51422
cg04518959	TNIP2;TNIP2	0.000583778	0.0266458	0.633559	-1.57839	0.0932562	1.37821	1.37821	0.011945	1.72455	1.72455	0.950992	1.01074	1.01074	6.93E-05	0.282819	-3.53583
cg25469474	TNIP2;TNIP2	0.000610662	0.120093	0.53898	-1.85536	0.00791064	0.286918	-3.48532	0.00370188	0.237492	-4.21067	0.0530146	0.446672	-2.23878	3.73E-05	0.0547346	-18.27
cg22014887	TNIP2;TNIP2	0.000764179	0.019978	0.435387	-2.29681	0.17879	0.655101	-1.52648	0.00227172	0.282447	-3.54048	0.168433	0.647526	-1.54434	6.98E-05	0.116438	-8.58828
cg07094298	TNIP2;TNIP2	0.00137284	0.0105074	0.208308	-4.80058	0.00216066	0.122723	-8.14843	0.00141489	0.105313	-9.49554	0.00124538	0.100453	-9.95486	0.0492388	0.335019	-2.9849
cg17366332	TNIP2;TNIP2	0.00761594	0.170414	0.47663	-2.09806	0.909162	0.943715	-1.05964	0.713565	1.20578	1.20578	0.903118	1.06376	1.06376	0.145528	2.21055	2.21055
cg02132728	TNIP2;TNIP2	0.0134681	0.00226293	0.333181	-3.00137	0.29495	0.756217	-1.32237	0.297479	0.757403	-1.3203	0.0134683	0.455197	-2.19685	0.00153456	0.309504	-3.23097
cg08659517	TNIP2;TNIP2	0.0219454	0.133774	0.817026	-1.22395	0.0752679	0.780749	-1.28082	0.143411	0.821616	-1.21711	0.0071913	0.648192	-1.54275	0.624134	1.06366	1.06366
cg00741986	TNIP2;TNIP2	0.0275317	0.052664	0.527275	-1.89654	0.638651	0.871601	-1.14731	0.00166574	0.270701	-3.69411	0.0268099	0.466669	-2.14285	0.0810497	0.570054	-1.75422
cg19463078	TNIP3	0.0116924	0.0875772	0.687441	-1.45467	0.00146768	0.401458	-2.49092	0.598312	0.899735	-1.11144	0.00700104	0.50003	-1.99988	0.0908159	0.690564	-1.44809
cg01315407	TNIP3;TNIP3	0.00151351	0.714597	0.898436	-1.11305	0.00678045	0.359441	-2.7821	0.00469046	0.334219	-2.99205	0.0868292	0.576094	-1.73583	9.08E-05	0.129988	-7.69304
cg18578898	TNIP3;TNIP3	0.00227036	0.443266	0.904492	-1.10559	0.519115	1.08755	1.08755	0.00867012	0.650739	-1.53671	0.781504	1.03635	1.03635	5.56E-05	0.381839	-2.6189
cg18330688	TNIP3;TNIP3	0.0287171	0.711801	0.932899	-1.07193	0.10016	0.713783	-1.40099	0.0109161	0.549879	-1.81858	0.544139	0.89144	-1.12178	0.43757	1.15978	1.15978
cg16428086	TNIP3;TNIP3	0.0293683	0.14466	1.25659	1.25659	0.0101397	0.62326	-1.60447	0.0125027	0.635733	-1.57299	0.12289	0.783739	-1.27594	0.00855948	0.613248	-1.63066
cg26832294	TNIP3;TNIP3	0.0294651	0.441529	0.85012	-1.1763	0.0549705	1.56874	1.56874	0.0333191	1.67305	1.67305	0.308151	1.2439	1.2439	0.261732	1.27398	1.27398
cg14619975	TNK1	0.00159358	0.000285193	0.236541	-4.2276	0.14888	1.45739	1.45739	0.536396	1.16454	1.16454	0.370837	0.799658	-1.25053	0.000148633	0.204718	-4.88478
cg06728497	TNK1	0.0032816	0.283483	0.856634	-1.16736	0.0455143	1.37505	1.37505	0.000195952	2.38615	2.38615	0.114638	1.26906	1.26906	0.777337	0.961393	-1.04016
cg10290814	TNK1	0.00331707	0.101565	0.599169	-1.66898	0.000173295	6.18332	6.18332	0.0272438	2.10995	2.10995	0.696108	1.11869	1.11869	0.98204	0.993589	-1.00645
cg23558601	TNK1	0.00406721	0.635047	1.17189	1.17189	0.233294	1.51373	1.51373	0.000822095	5.32312	5.32312	0.0300849	2.33093	2.33093	0.523341	1.23932	1.23932
cg20617917	TNK1	0.0059537	0.0365165	0.621528	-1.60894	0.237755	0.785046	-1.27381	0.140253	1.3641	1.3641	0.905601	0.977052	-1.02349	0.036059	0.620574	-1.61141
cg25499099	TNK1	0.00648637	0.0899439	0.416731	-2.39963	0.00163896	8.2639	8.2639	0.00670236	5.19076	5.19076	0.350865	1.5678	1.5678	0.226884	0.552024	-1.81152
cg20116579	TNK1	0.020261	0.47432	0.734189	-1.36205	0.00571326	4.65967	4.65967	0.151481	1.92059	1.92059	0.0465348	2.63284	2.63284	0.0284883	0.333616	-2.99746
cg04537941	TNK1	0.0301479	0.261168	0.834044	-1.19898	0.0178091	0.640104	-1.56225	0.264035	1.19757	1.19757	0.0971796	0.754347	-1.32565	0.444232	0.886224	-1.12838
cg15065340	TNK2	0.00026027	4.17E-06	0.05587	-17.8987	0.0035146	0.342428	-2.92032	0.0290543	0.498296	-2.00684	0.00101828	0.267381	-3.73998	0.00821083	0.400297	-2.49814
cg10542362	TNK2	0.00415751	0.498407	0.880961	-1.13512	0.001797	2.26824	2.26824	0.000975286	2.47113	2.47113	0.734836	1.0647	1.0647	0.130089	0.739687	-1.35192
cg02584969	TNK2	0.00861041	0.0124911	0.267872	-3.73312	0.0940977	2.18186	2.18186	0.567547	1.27751	1.27751	0.112796	2.07844	2.07844	0.375439	0.680069	-1.47044
cg16568314	TNK2	0.0178178	0.415347	0.840178	-1.19022	0.0261488	0.575838	-1.7366	0.0284924	0.582345	-1.7172	0.0539827	0.632836	-1.58019	0.0393774	0.607426	-1.64629
cg23548201	TNK2;TNK2	0.000450678	0.0372722	1.71308	1.71308	3.08E-05	7.27984	7.27984	0.000146095	4.75147	4.75147	0.000260588	4.13859	4.13859	0.215969	1.33032	1.33032
cg01792640	TNK2;TNK2	0.000891701	0.111909	1.4499	1.4499	0.0106355	1.99228	1.99228	0.00254517	2.45614	2.45614	0.00175558	2.60326	2.60326	0.534785	1.14442	1.14442
cg20697427	TNK2;TNK2	0.00153198	0.944592	1.01323	1.01323	0.00704213	1.93276	1.93276	0.201226	1.29087	1.29087	0.169274	1.31917	1.31917	0.427437	1.16564	1.16564
cg20092936	TNK2;TNK2	0.00165023	0.00684547	2.97294	2.97294	0.0440085	2.05431	2.05431	0.524306	1.22229	1.22229	0.00130686	4.28833	4.28833	0.575426	0.838593	-1.19247
cg21553700	TNK2;TNK2	0.00227839	0.0181352	3.48777	3.48777	0.127827	2.04784	2.04784	0.386835	1.4714	1.4714	0.0029504	5.91302	5.91302	0.741451	0.865755	-1.15506
cg22558522	TNK2;TNK2	0.00401585	0.180913	1.32193	1.32193	0.2112	1.29537	1.29537	0.175637	1.32701	1.32701	0.719015	0.93148	-1.07356	0.000358673	3.08004	3.08004
cg04056669	TNK2;TNK2	0.00423935	0.0177348	3.17491	3.17491	0.194174	1.73383	1.73383	0.435915	1.37501	1.37501	0.0841791	2.15006	2.15006	0.0316426	0.364417	-2.74411
cg21438160	TNK2;TNK2	0.00779419	0.021223	2.20437	2.20437	0.220221	1.4446	1.4446	0.0208891	2.21067	2.21067	0.0115712	2.46203	2.46203	0.08309	1.72903	1.72903
cg00651401	TNK2;TNK2	0.00831336	0.253512	1.43252	1.43252	0.000772719	4.63704	4.63704	0.0123018	2.5592	2.5592	0.439229	0.788372	-1.26844	0.666307	0.877425	-1.1397
cg21642245	TNK2;TNK2	0.00942423	0.755231	0.891155	-1.12214	0.000391786	8.02094	8.02094	0.0125818	3.13768	3.13768	0.837687	1.07852	1.07852	0.73584	1.13289	1.13289
cg09628877	TNK2;TNK2	0.012255	0.955462	1.024	1.024	0.43922	0.715341	-1.39793	0.281205	1.60895	1.60895	0.00083662	8.45153	8.45153	0.552098	0.77458	-1.29102
cg17663253	TNK2;TNK2	0.0152027	0.5893	1.16754	1.16754	0.0679654	0.559345	-1.7878	0.39748	1.27919	1.27919	0.0303894	0.485182	-2.06108	0.1314	1.58863	1.58863
cg23258717	TNK2;TNK2	0.0211971	0.0832957	2.32818	2.32818	0.434472	0.703624	-1.42121	0.968711	1.01744	1.01744	0.00224224	6.59347	6.59347	0.574419	1.28415	1.28415
cg19955173	TNK2;TNK2	0.022734	0.600161	0.717311	-1.39409	0.00274477	13.4158	13.4158	0.224939	2.22703	2.22703	0.212883	2.27985	2.27985	0.282448	0.495785	-2.017
cg07808036	TNK2;TNK2	0.024501	0.733285	0.93258	-1.07229	0.871964	0.967621	-1.03346	0.137475	1.38601	1.38601	0.00192603	2.44947	2.44947	0.116967	0.706427	-1.41557
cg00359285	TNK2;TNK2	0.028957	0.0755981	0.587699	-1.70155	0.0647627	1.74622	1.74622	0.550033	0.849995	-1.17648	0.0304822	1.98055	1.98055	0.0174107	0.459291	-2.17727
cg18473978	TNK2;TNK2	0.0468458	0.0958394	3.225	3.225	0.301406	0.503877	-1.98461	0.280421	0.487609	-2.05083	0.0058268	10.0887	10.0887	0.746052	1.23123	1.23123
cg08767936	TNK2;TNK2	0.047907	0.653414	1.13391	1.13391	0.863141	0.953161	-1.04914	0.646929	1.13681	1.13681	0.0129977	2.356	2.356	0.406555	0.789721	-1.26627
cg26686927	TNK2;TNK2	0.0490322	0.19472	0.805268	-1.24182	0.0373691	1.46441	1.46441	0.0325524	1.48441	1.48441	0.121764	1.30323	1.30323	0.170074	0.793962	-1.25951
cg27454300	TNKS	0.00672193	0.383299	0.885527	-1.12927	0.00140159	1.87612	1.87612	0.608673	0.93219	-1.07274	0.5393	1.08819	1.08819	0.0890151	0.774878	-1.29053
cg10976481	TNKS	0.00876535	0.0110874	0.111782	-8.94598	0.00679097	0.0895166	-11.1711	0.0892503	0.27548	-3.63002	0.161629	0.35762	-2.79627	0.0202526	0.145735	-6.86179
cg18979581	TNKS	0.00947815	0.156193	1.50495	1.50495	0.00489627	0.366115	-2.73138	0.175372	0.678196	-1.4745	0.00795524	2.50142	2.50142	0.186893	1.45788	1.45788
cg20744156	TNKS	0.0146349	0.0120822	0.514683	-1.94294	0.666854	0.912177	-1.09628	0.0202191	0.551888	-1.81196	0.120696	0.699614	-1.42936	0.00633608	0.470289	-2.12635
ch.8.253600F	TNKS	0.0291318	0.000693671	0.0339972	-29.4142	?	?	?	0.784281	0.835892	-1.19633	0.128296	0.341654	-2.92694	0.053073	0.237902	-4.20341
cg13267177	TNKS	0.0385887	0.546678	1.25699	1.25699	0.865349	0.938345	-1.06571	0.173887	1.72023	1.72023	0.839534	1.07899	1.07899	0.00170601	0.186425	-5.36408
cg18837932	TNKS	0.0392936	0.068615	2.23795	2.23795	0.701886	1.16119	1.16119	0.594711	1.23219	1.23219	0.0310818	2.73991	2.73991	0.00464692	0.216228	-4.62474
cg04228628	TNKS	0.0441141	?	?	?	0.287099	1.97524	1.97524	0.0954347	3.1209	3.1209	?	?	?	0.154943	2.56466	2.56466
cg20343063	TNKS1BP1	0.000599951	0.00303454	0.463405	-2.15794	0.00137835	2.40746	2.40746	0.476765	0.871973	-1.14682	0.00172245	2.33247	2.33247	0.000532491	0.360201	-2.77623
cg11180921	TNKS1BP1	0.00285983	0.22321	1.29479	1.29479	0.0161535	1.81135	1.81135	0.00037226	3.15629	3.15629	0.0723375	1.49903	1.49903	0.136465	0.723351	-1.38245
cg23028848	TNKS1BP1	0.0042976	0.00038656	0.486726	-2.05454	0.228027	1.17459	1.17459	0.644832	1.06081	1.06081	0.988402	0.998153	-1.00185	0.206741	0.844208	-1.18454
cg09330078	TNKS1BP1	0.00548628	0.702175	0.877775	-1.13924	0.000250937	0.128853	-7.76078	0.233816	0.654735	-1.52734	0.0247987	0.403884	-2.47596	0.00565286	0.291676	-3.42847
cg13526040	TNKS1BP1	0.00699979	0.673499	0.876847	-1.14045	0.000816422	4.78161	4.78161	0.143363	1.62851	1.62851	0.00883495	2.81149	2.81149	0.846767	0.941768	-1.06183
cg24855780	TNKS1BP1	0.0133412	0.32256	0.826517	-1.2099	0.0219708	1.66932	1.66932	0.00826372	1.87717	1.87717	0.134121	1.35152	1.35152	0.00972003	0.54342	-1.8402
cg08712824	TNKS1BP1	0.0148607	0.0250048	1.9496	1.9496	0.0164562	2.08297	2.08297	0.063431	1.6863	1.6863	0.00339405	2.71044	2.71044	0.145718	1.47853	1.47853
cg14932715	TNKS1BP1	0.0186065	0.591155	0.875581	-1.1421	0.00241743	0.355193	-2.81537	0.758748	0.927297	-1.0784	0.0121498	0.46493	-2.15086	0.135679	0.674344	-1.48292
cg23851757	TNKS1BP1	0.0206623	0.651714	1.1203	1.1203	0.0860838	0.622409	-1.60666	0.0174164	0.484924	-2.06218	0.582529	0.870408	-1.14889	0.0164959	0.480754	-2.08007
cg25628989	TNKS1BP1	0.027331	0.684368	1.11844	1.11844	0.00201098	3.29926	3.29926	0.140444	1.54395	1.54395	0.129339	1.56651	1.56651	0.435337	1.24358	1.24358
cg13487312	TNKS1BP1	0.0363094	0.0153727	0.40027	-2.49831	0.114428	1.69642	1.69642	0.848445	0.942809	-1.06066	0.0218207	2.33319	2.33319	0.0476299	0.497939	-2.00828
cg00489660	TNKS1BP1	0.0377929	0.027737	0.424104	-2.35791	0.0700874	1.94964	1.94964	0.3035	1.421	1.421	0.358508	0.732504	-1.36518	0.0286429	0.426923	-2.34234
cg23707493	TNKS2	0.00329125	0.168225	1.21742	1.21742	0.0195349	1.45951	1.45951	0.000216388	2.28621	2.28621	0.378754	0.886051	-1.1286	0.268887	1.1668	1.1668
cg19912736	TNKS2	0.00350286	0.963828	0.989417	-1.0107	0.000531252	0.282079	-3.54511	0.37787	0.80874	-1.23649	0.0343457	1.78449	1.78449	0.680785	0.90751	-1.10192
cg05472062	TNKS2	0.0129513	0.26675	0.746529	-1.33953	0.0168266	2.08948	2.08948	0.0191754	2.04616	2.04616	0.681591	0.901024	-1.10985	0.00281735	2.82782	2.82782
cg11963436	TNKS2	0.0136885	0.858202	1.09201	1.09201	0.000930879	0.0878112	-11.3881	0.0227346	0.261321	-3.82671	0.970743	1.01822	1.01822	0.17049	0.487509	-2.05124
cg12805727	TNKS2	0.038453	0.0392329	0.373734	-2.6757	0.424028	1.40052	1.40052	0.96478	0.981948	-1.01838	0.647704	0.827121	-1.20901	0.214849	1.71371	1.71371
cg03617467	TNKS2;TNKS2	0.0361347	0.456658	1.28158	1.28158	0.384489	1.33885	1.33885	0.959081	0.983349	-1.01693	0.982121	1.00736	1.00736	0.156937	0.609307	-1.64121
cg24379315	TNKS;TNKS	0.0010085	0.76427	0.958667	-1.04312	0.0135663	1.53532	1.53532	0.619588	1.07277	1.07277	0.0708633	1.32747	1.32747	0.680729	0.943583	-1.05979
cg04059980	TNMD	0.0124967	0.16371	1.71362	1.71362	0.0218645	0.368991	-2.71009	0.0121835	0.322365	-3.10208	0.133206	0.555974	-1.79865	0.00106027	0.173039	-5.77904
cg01951489	TNN	0.000745679	0.427645	1.14948	1.14948	0.660567	0.926802	-1.07898	0.00790203	1.79692	1.79692	0.773942	0.951668	-1.05079	1.93E-05	0.224836	-4.44768
cg12699768	TNN	0.00178608	0.406669	0.780313	-1.28154	0.580928	1.17696	1.17696	0.000641271	4.62395	4.62395	0.000356158	5.33897	5.33897	0.0418848	0.503944	-1.98435
cg02138218	TNN	0.00282394	0.0375837	0.726968	-1.37558	0.161463	0.820656	-1.21854	0.0110599	0.656255	-1.5238	0.0508852	1.34178	1.34178	0.00520862	0.614269	-1.62795
cg01713438	TNN	0.00317598	0.542456	1.42949	1.42949	0.00101788	16.8393	16.8393	0.021865	4.92513	4.92513	0.282943	1.90896	1.90896	0.00256937	0.0886762	-11.277
cg16651347	TNN	0.00533238	0.940175	1.01828	1.01828	0.0683427	0.611089	-1.63642	0.0184896	0.501826	-1.99272	0.00312896	0.377182	-2.65124	0.039905	0.563721	-1.77393
cg20240091	TNN	0.00692727	0.498066	1.08679	1.08679	0.218348	0.854997	-1.1696	0.00368328	0.621904	-1.60797	0.0155305	0.698298	-1.43205	0.0227926	0.719139	-1.39055
cg13386070	TNN	0.00948888	0.0216509	0.356324	-2.80644	0.128127	0.540331	-1.85072	0.717024	0.872651	-1.14593	0.764433	1.11904	1.11904	0.000193297	0.0955201	-10.469
cg26270116	TNN	0.0225859	0.0717711	0.587177	-1.70306	0.647297	0.885144	-1.12976	0.0438676	0.541464	-1.84685	0.165519	0.675883	-1.47955	0.00179405	0.308334	-3.24324
cg12640930	TNN	0.035162	0.0456843	0.284105	-3.51983	0.0235367	0.226365	-4.41764	0.0158378	0.19724	-5.06995	0.154805	0.433274	-2.30801	0.003774	0.116853	-8.55778
cg04453677	TNNC1;NISCH	6.31E-06	0.0862931	1.1895	1.1895	0.574541	1.05331	1.05331	0.548525	0.945924	-1.05717	6.68E-05	1.95231	1.95231	0.457994	0.933135	-1.07166
cg01910272	TNNC1;NISCH	0.0445547	0.195697	1.12293	1.12293	0.345265	1.08585	1.08585	0.519991	0.946241	-1.05681	0.172714	1.13083	1.13083	0.1016	0.859105	-1.164
cg18715716	TNNC1;NISCH	0.0457418	0.769794	1.11053	1.11053	0.50225	0.78406	-1.27541	0.654189	0.851226	-1.17478	0.133499	0.560911	-1.78281	0.133442	0.560856	-1.78299
cg02174884	TNNC2	2.97E-05	3.96E-05	2.92795	2.92795	3.01E-05	3.05222	3.05222	0.00289679	1.75017	1.75017	0.000226569	2.31168	2.31168	0.0669771	1.32402	1.32402
cg17038577	TNNC2	0.000744325	8.37E-05	0.13481	-7.41787	0.421422	0.792533	-1.26178	0.0658006	0.557403	-1.79403	0.546248	1.18873	1.18873	9.92E-05	0.141402	-7.07203
cg09704054	TNNC2	0.003629	0.00525554	2.61762	2.61762	0.0401201	1.85907	1.85907	0.0259676	1.99571	1.99571	0.00285236	2.92538	2.92538	0.00504248	2.63698	2.63698
cg08641963	TNNC2	0.0130957	0.0756421	0.476158	-2.10014	0.00292611	4.63571	4.63571	0.235344	1.59468	1.59468	0.50242	1.29099	1.29099	0.0508089	0.433915	-2.3046
cg04807470	TNNC2	0.0357928	0.0269896	33.4802	33.4802	0.0805748	13.4389	13.4389	0.0994688	11.2545	11.2545	0.108495	10.4556	10.4556	0.0270855	33.3808	33.3808
cg25468907	TNNI1	0.000610633	0.584665	0.902783	-1.10769	0.715269	1.07024	1.07024	0.000109016	0.282794	-3.53614	0.917444	0.980972	-1.0194	0.0109089	0.553164	-1.80778
cg09582482	TNNI1;TNNI1	0.0273118	0.088407	0.653753	-1.52963	0.50584	1.16489	1.16489	0.0327537	0.568487	-1.75906	0.518698	0.862501	-1.15942	0.000600907	0.302199	-3.30908
cg20660011	TNNI2;TNNI2	0.00164464	0.200848	0.841493	-1.18836	0.630139	1.06394	1.06394	0.0154707	0.684242	-1.46147	0.161454	0.826122	-1.21047	0.0026683	0.588276	-1.69988
cg14672680	TNNI2;TNNI2	0.00797693	0.875868	0.977341	-1.02318	0.00552113	0.585824	-1.707	0.0998092	0.767643	-1.30269	0.0956669	0.764642	-1.3078	0.00324203	0.555059	-1.80161
cg25830305	TNNI2;TNNI2	0.0228129	0.0167265	0.264439	-3.78159	0.0320147	0.318504	-3.13968	0.263569	0.588151	-1.70024	0.287892	0.605015	-1.65285	0.00381527	0.169211	-5.90977
cg15662902	TNNI2;TNNI2	0.036401	0.0162302	0.398728	-2.50798	0.237892	0.67931	-1.47208	0.0126492	0.379291	-2.6365	0.722102	0.894322	-1.11817	0.0071187	0.33714	-2.96613

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10985288	0.962875	0.990312	-1.00978	0.00938895	1.99137	1.99137	0.519003	0.872202	-1.14652	0.00725381	0.484583	-2.06363	16.6674	11.5475	0.615837	1
cg18183618	0.00453153	0.202339	-4.94219	0.00337861	0.185627	-5.38714	0.657171	1.20769	1.20769	0.00739408	0.232702	-4.29735	6.43264	18.1839	2.51273	1
cg18058230	0.845399	0.90623	-1.10347	0.0885753	0.387693	-2.57936	0.245357	0.541803	-1.84569	0.00608739	0.164274	-6.08741	6.09881	24.5711	3.58118	1
cg10180092	0.240995	0.578918	-1.72736	0.00916572	0.229095	-4.36501	0.855758	1.0844	1.0844	0.0248083	0.304301	-3.28622	5.21961	16.393	2.79169	1
cg14924866	0.0326392	0.419715	-2.38257	0.0254345	0.397601	-2.51508	0.0109409	0.329903	-3.03119	0.00700883	0.297975	-3.35598	4.39139	8.38621	1.69751	1
cg07881817	0.176978	0.580338	-1.72313	0.00391776	0.229425	-4.35873	0.400082	0.721361	-1.38627	0.00841416	0.279122	-3.58266	4.29752	9.78562	2.02404	1
cg12372632	0.0525127	1.53669	1.53669	0.0837084	1.45211	1.45211	0.349511	1.20644	1.20644	0.702518	1.07765	1.07765	3.84477	2.31251	0.534638	1
cg01543197	0.00489445	1.57864	1.57864	2.33E-05	2.81488	2.81488	0.0223152	1.39828	1.39828	0.977695	0.996583	-1.00343	14.3913	3.41636	0.211015	1
cg09652501	0.0314878	0.549664	-1.81929	0.0154756	2.02315	2.02315	0.753709	1.07753	1.07753	0.733712	0.922186	-1.08438	3.8507	3.43238	0.792325	1
cg18405631	0.0010425	0.525851	-1.90168	0.00189622	0.558311	-1.79112	0.710111	1.05068	1.05068	5.50E-05	0.369957	-2.70302	30.0835	8.35448	0.246853	1
cg22877570	0.973034	1.01056	1.01056	0.23896	1.46718	1.46718	0.00290344	3.56907	3.56907	0.014111	2.56413	2.56413	9.40732	14.3951	1.36018	1
cg23513600	0.340252	1.46471	1.46471	0.955006	1.02215	1.02215	0.000580641	7.8952	7.8952	0.254072	1.58801	1.58801	4.36235	10.4183	2.12287	1
cg01753140	0.587333	1.11003	1.11003	0.00290417	2.18087	2.18087	0.656373	1.08905	1.08905	0.63032	1.09678	1.09678	4.04633	2.32567	0.510898	1
ch.3.3328721R	0.675923	0.829825	-1.20507	0.0013065	0.125346	-7.97793	0.417956	0.692633	-1.44377	0.241922	0.58074	-1.72194	4.03435	12.5792	2.77159	1
cg07753510	0.11812	0.485579	-2.0594	0.21882	0.576586	-1.73435	0.110361	0.476731	-2.09762	0.896098	1.0572	1.0572	3.82958	10.9943	2.55191	1
cg21413905	0.00169761	0.248868	-4.01819	0.906558	1.0371	1.0371	0.213244	1.50174	1.50174	0.344569	1.35258	1.35258	3.80737	5.80308	1.35482	1
cg15831032	0.352971	1.16053	1.16053	0.0521135	0.708817	-1.4108	0.701748	1.06177	1.06177	0.91087	1.0176	1.0176	3.78607	1.45501	0.341605	1
cg15237829	0.0197281	1.81266	1.81266	0.886731	0.970344	-1.03056	0.392199	1.2034	1.2034	0.879593	1.03254	1.03254	3.71666	2.62613	0.628075	1
cg20532972	0.332868	0.811863	-1.23174	0.00157004	0.387663	-2.57956	0.746502	0.934565	-1.07002	0.398871	1.19747	1.19747	3.6266	2.50053	0.612887	1
cg02499139	0.207123	1.40482	1.40482	0.0527589	1.75513	1.75513	0.00222656	2.9879	2.9879	0.270844	1.34032	1.34032	3.46175	3.57912	0.919027	1
cg14135060	0.000485851	0.386298	-2.58868	0.00622251	0.537777	-1.85951	0.00445312	1.93459	1.93459	0.000272846	0.35437	-2.82191	20.7444	9.93909	0.425887	1
cg22772462	0.894026	0.967702	-1.03338	7.94E-05	5.79284	5.79284	0.0218083	1.97011	1.97011	0.352345	1.26587	1.26587	7.6988	7.39877	0.854248	1
cg17956926	0.465959	0.87093	-1.1482	0.00480946	0.498163	-2.00737	0.0483707	1.52216	1.52216	0.547422	0.892796	-1.12008	5.53295	3.04008	0.4884	1
cg11599526	0.925267	0.977448	-1.02307	0.0755742	0.618216	-1.61756	0.510073	1.17639	1.17639	0.0554055	0.589841	-1.69537	5.01129	4.69142	0.832151	1
cg06809458	0.0105548	0.593638	-1.68453	0.848295	1.03153	1.03153	0.00126061	2.14496	2.14496	0.0380162	1.47684	1.47684	7.17257	2.98513	0.369944	1
cg22362636	0.193049	0.789879	-1.26602	0.00046391	0.389439	-2.5678	0.30266	1.20062	1.20062	0.00192296	0.471451	-2.12111	15.9392	7.40225	0.412806	1
cg04518959	0.299748	1.20528	1.20528	0.0248764	1.59024	1.59024	0.00973603	1.76486	1.76486	0.0068126	0.543851	-1.83874	13.6881	6.54394	0.424956	1
cg25469474	0.00304836	0.225896	-4.42681	0.000254164	0.10977	-9.10998	0.664898	0.85236	-1.17321	0.00418857	0.245079	-4.08031	13.5173	28.7636	1.89148	1
cg22014887	0.0120982	0.39598	-2.52538	0.000133262	0.140695	-7.10757	0.485157	1.23373	1.23373	0.185912	0.660135	-1.51484	12.6946	17.6298	1.23446	1
cg07094298	0.0160025	0.237709	-4.20683	0.000200616	0.0478047	-20.9185	0.237016	0.546849	-1.82866	0.0020634	0.12073	-8.28298	10.7498	40.4121	3.34164	1
cg17366332	0.966739	1.02139	1.02139	0.00010896	0.0314292	-31.8176	0.923638	0.952503	-1.04987	0.923827	1.04974	1.04974	6.44295	26.2878	3.62674	1
cg02132728	0.076976	0.60295	-1.65851	0.677239	1.1137	1.1137	0.70543	0.906925	-1.10263	0.0801369	0.606865	-1.64781	5.36768	5.62625	0.931708	1
cg08659517	0.925136	1.01181	1.01181	0.00769727	1.53406	1.53406	0.29017	1.14704	1.14704	0.374695	1.12059	1.12059	4.55782	1.12723	0.219838	1
cg00741986	0.896783	0.962992	-1.03843	0.0186428	0.436661	-2.29011	0.916734	0.970072	-1.03085	0.0943694	0.586089	-1.70622	4.21271	5.63247	1.18846	1
cg19463078	0.372561	0.833658	-1.19953	0.0699599	1.49583	1.49583	0.0389987	0.621971	-1.60779	0.0366311	0.617176	-1.62028	5.62061	3.51587	0.556028	1
cg01315407	0.596779	0.855824	-1.16846	0.000901919	0.234938	-4.25645	0.139673	0.629095	-1.58958	0.00407118	0.324841	-3.07843	10.4526	14.0771	1.19712	1
cg18578898	0.0552675	0.756517	-1.32185	0.30708	0.873035	-1.14543	0.261488	0.860387	-1.16227	0.00401442	0.608709	-1.64282	9.29125	2.42665	0.232156	1
cg18330688	0.135795	0.740155	-1.35107	0.00840053	0.532508	-1.87791	0.875942	0.97118	-1.02967	0.00476987	0.495921	-2.01645	4.15059	2.30319	0.49325	1
cg16428086	0.824683	0.968173	-1.03287	0.693951	1.05935	1.05935	0.478514	0.90029	-1.11075	0.281369	0.849405	-1.17729	4.1178	1.38603	0.299197	1
cg26832294	0.289785	0.796654	-1.25525	0.00339928	0.438738	-2.27926	0.550569	1.1331	1.1331	0.983429	1.00431	1.00431	4.113	2.78868	0.60268	1
cg14619975	0.0266025	0.527627	-1.89528	0.536144	0.858629	-1.16465	0.616341	0.884347	-1.13078	0.0290373	0.534706	-1.87019	10.2984	9.65449	0.833314	1
cg06728497	0.00545415	1.66136	1.66136	0.123734	0.793329	-1.26051	0.164772	0.813988	-1.22852	0.0985857	1.286	1.286	8.33267	2.54505	0.271494	1
cg10290814	0.0576917	1.84645	1.84645	0.00203615	3.4652	3.4652	0.888483	0.960702	-1.04091	0.733793	1.10246	1.10246	8.30599	10.741	1.14948	1
cg23558601	0.0641165	1.99409	1.99409	0.0013286	0.212587	-4.70395	0.638657	0.854789	-1.16988	0.344573	0.724002	-1.38121	7.81313	13.6177	1.54927	1
cg20617917	0.0377202	0.623986	-1.6026	0.000323591	0.320494	-3.12018	0.00686251	0.504061	-1.98389	0.0812672	0.685097	-1.45965	6.95577	4.21849	0.539088	1
cg25499099	0.120065	2.20285	2.20285	0.0210016	0.272455	-3.67033	0.483539	1.39578	1.39578	0.0486956	2.87026	2.87026	6.77378	23.529	3.0876	1
cg20116579	0.822341	0.908918	-1.10021	0.0129744	3.70372	3.70372	0.147391	1.93513	1.93513	0.467053	1.36926	1.36926	4.68387	13.3772	2.53869	1
cg04537941	0.540542	0.908514	-1.1007	0.00429951	1.80631	1.80631	0.492353	0.897643	-1.11403	0.361889	1.15619	1.15619	4.0797	1.54951	0.337609	1
cg15065340	0.136689	0.647863	-1.54354	0.0197284	0.466542	-2.14343	0.797812	1.07198	1.07198	0.0622364	0.566488	-1.76526	17.1012	19.8531	1.03193	1
cg10542362	0.347396	1.19533	1.19533	0.411436	0.856517	-1.16752	0.00240016	2.18145	2.18145	0.170676	1.30872	1.30872	7.76151	4.18039	0.47876	1
cg02584969	0.000736531	0.113775	-8.78924	0.218945	1.7298	1.7298	0.169319	1.86004	1.86004	0.586651	0.792401	-1.26199	6.19867	17.6369	2.52913	1
cg16568314	0.360521	0.821502	-1.21728	0.0105484	1.96003	1.96003	0.0854415	1.48837	1.48837	0.802956	0.949049	-1.05369	4.89183	3.38958	0.615916	1
cg23548201	0.143485	1.41296	1.41296	0.56354	1.13565	1.13565	0.966094	0.990799	-1.00929	0.257485	1.29522	1.29522	18.3591	13.462	0.570311	1
cg01792640	0.0515782	1.60881	1.60881	0.0886505	0.668281	-1.49638	0.000150728	4.0398	4.0398	0.000500981	3.21568	3.21568	12.1545	8.8649	0.648313	1
cg20697427	0.0001216	0.281005	-3.55866	0.00966381	1.85783	1.85783	0.0160155	1.74668	1.74668	0.235684	1.26501	1.26501	10.4161	5.90281	0.503734	1
cg20092936	0.579978	0.840387	-1.18993	0.0878826	0.556571	-1.79671	0.000233974	6.6732	6.6732	0.00458632	3.23473	3.23473	10.195	15.6253	1.36235	1
cg21553700	0.310643	0.633346	-1.57892	0.205047	0.558684	-1.78992	0.000247048	13.9479	13.9479	0.0020112	6.66929	6.66929	9.28164	27.8654	2.66863	1
cg22558522	0.00667042	1.99676	1.99676	0.000515415	2.90005	2.90005	0.291568	1.23987	1.23987	0.686019	1.08312	1.08312	7.84314	4.79474	0.543404	1
cg04056669	0.996374	1.00182	1.00182	0.000884274	0.135836	-7.36183	0.011374	3.5588	3.5588	0.0663889	2.28163	2.28163	7.71592	19.6163	2.25984	1
cg21438160	0.0338723	2.02767	2.02767	0.262332	0.716395	-1.39588	0.000895998	4.13272	4.13272	0.00776028	2.65296	2.65296	6.39634	8.24978	1.14646	1
cg00651401	0.002474	3.55469	3.55469	0.513035	0.818771	-1.22134	0.350869	1.33564	1.33564	0.800776	1.07919	1.07919	6.26781	9.01838	1.27897	1
cg21642245	0.0130766	3.10907	3.10907	0.341219	0.6967	-1.43534	0.102109	1.93343	1.93343	0.703651	1.15123	1.15123	6.02354	12.9541	1.91163	1
cg09628877	0.252734	0.602136	-1.66075	0.102725	0.468552	-2.13423	0.0204655	3.27363	3.27363	0.0541409	2.52965	2.52965	5.53557	15.8076	2.53835	1
cg17663253	0.00376499	0.329122	-3.03839	0.0880662	0.585689	-1.70739	0.0496367	1.88987	1.88987	0.200923	1.46799	1.46799	5.15774	6.59815	1.13713	1
cg23258717	0.83443	1.09665	1.09665	0.229485	0.573607	-1.74335	0.0149409	3.74027	3.74027	0.0192656	3.48291	3.48291	4.61229	14.1927	2.73524	1
cg19955173	0.1747	0.403793	-2.47652	0.0833447	3.33387	3.33387	0.00882619	8.12018	8.12018	0.433052	1.65296	1.65296	4.50287	28.1418	5.55534	1
cg07808036	0.279764	0.795089	-1.25772	0.590904	1.1171	1.1171	0.0175023	1.80425	1.80425	0.227555	1.29498	1.29498	4.38786	2.89405	0.586274	1
cg00359285	0.0757353	0.587878	-1.70103	0.314212	1.32275	1.32275	0.189865	1.45232	1.45232	0.297198	1.33703	1.33703	4.1384	4.73375	1.01676	1
cg18473978	0.977713	0.982276	-1.01804	0.558918	0.684989	-1.45988	0.0378144	4.67329	4.67329	0.0603133	3.88148	3.88148	3.47271	22.539	5.76916	1
cg08767936	0.093157	0.598372	-1.6712	0.262058	0.722412	-1.38425	0.0573655	1.81795	1.81795	0.0227442	2.13404	2.13404	3.44349	4.21609	1.08832	1
cg26686927	0.0982222	0.750994	-1.33157	0.0657695	1.38541	1.38541	0.738285	0.948432	-1.05437	0.828176	0.966263	-1.03491	3.41337	1.34767	0.350952	1
cg27454300	0.111338	0.789901	-1.26598	0.0834366	1.29767	1.29767	0.013477	1.51582	1.51582	0.00605548	1.62819	1.62819	6.69914	1.96195	0.260326	1
cg10976481	0.0521071	0.218698	-4.57251	0.00188684	0.0482827	-20.7114	0.00195503	0.0491582	-20.3425	0.0403075	0.195976	-5.10268	6.16378	46.2064	6.6635	1
cg18979581	0.280346	0.739056	-1.35308	0.00536397	0.3723	-2.686	0.983399	1.00562	1.00562	0.838714	0.946564	-1.05645	6.0126	6.91434	1.0222	1
cg20744156	0.0898461	0.672427	-1.48715	0.0332222	0.589586	-1.6961	0.764155	0.93813	-1.06595	0.00154374	0.380348	-2.62917	5.22304	3.72674	0.634238	1
ch.8.253600F	0.169209	0.384126	-2.60331	0.428685	0.589891	-1.69523	0.678648	0.761726	-1.31281	0.494693	0.635727	-1.573	4.19948	25.23	6.00788	1
cg13267177	0.0399183	0.410447	-2.43637	0.458338	0.753405	-1.32731	0.139603	0.550968	-1.81499	0.552145	0.79809	-1.25299	3.73207	8.31042	1.97934	1
cg18837932	0.270163	1.56612	1.56612	0.57734	0.803374	-1.24475	0.786101	1.11144	1.11144	0.153781	1.82073	1.82073	4.05093	9.46927	1.8181	1
cg04228628	0.758067	0.827572	-1.20835	0.00493183	0.0919038	-10.8809	0.436507	1.62825	1.62825	0.584852	1.40254	1.40254	3.98871	18.0318	4.5207	1
cg20343063	0.317175	0.822174	-1.21629	0.0241939	1.66345	1.66345	0.054908	1.51017	1.51017	0.124112	0.729553	-1.3707	13.5842	7.71445	0.504799	1
cg11180921	0.0734658	0.668401	-1.49611	0.0433964	0.625668	-1.59829	0.422799	0.847659	-1.17972	0.0098322	1.93234	1.93234	8.68046	5.60219	0.573671	1
cg23028848	0.00574537	0.631016	-1.58475	0.00191771	0.571934	-1.74845	0.76889	1.03818	1.03818	0.21668	0.847614	-1.17978	7.68413	1.9685	0.227713	1
cg09330078	0.825797	0.927934	-1.07766	0.00303637	0.252058	-3.96733	0.353817	0.723469	-1.38223	0.358188	0.725712	-1.37796	7.13302	13.0067	1.62085	1
cg13526040	0.109506	1.71792	1.71792	0.765347	0.911354	-1.09727	0.00171839	4.00501	4.00501	0.0526681	1.98003	1.98003	6.61518	10.0757	1.35389	1
cg24855780	0.451805	1.15366	1.15366	0.0459742	1.53185	1.53185	0.108046	1.38673	1.38673	0.240442	0.795193	-1.25756	5.38435	2.96496	0.489478	1
cg08712824	0.00870927	2.30912	2.30912	0.874392	0.961168	-1.0404	0.0150879	2.11207	2.11207	0.0151692	2.11025	2.11025	5.19671	5.15844	0.882344	1
cg14932715	0.354786	0.791955	-1.2627	0.0341545	1.8325	1.8325	0.960141	0.987829	-1.01232	0.0435303	0.566245	-1.76602	4.82102	4.58409	0.845205	1
cg23851757	0.0113387	0.452659	-2.20917	0.441822	0.821954	-1.21661	0.0195241	2.02518	2.02518	0.255657	0.743288	-1.34537	4.65269	4.60569	0.879909	1
cg25628989	0.0207016	2.14458	2.14458	0.117982	1.59191	1.59191	0.00803857	2.5346	2.5346	0.0565937	1.80596	1.80596	4.22356	5.01792	1.05607	1
cg13487312	0.316437	1.37549	1.37549	0.281662	1.41115	1.41115	0.451998	1.266	1.266	0.226548	0.676483	-1.47823	3.81595	5.72649	1.33393	1
cg00489660	0.116296	0.569687	-1.75535	0.0245998	0.413719	-2.4171	0.191838	0.634123	-1.57698	0.0959409	0.547267	-1.82726	3.76064	6.47375	1.53017	1
cg23707493	0.0131615	1.5096	1.5096	0.0291288	0.708596	-1.41124	0.374134	0.884954	-1.13	0.0545818	1.33929	1.33929	8.32538	2.36662	0.25268	1
cg19912736	0.329217	0.789585	-1.26649	0.0182861	0.510711	-1.95805	0.00568334	2.34217	2.34217	0.0311957	0.552558	-1.80977	8.17181	7.12393	0.774905	1
cg05472062	0.803091	1.06515	1.06515	0.0183119	0.485128	-2.06131	0.708208	1.09964	1.09964	0.96759	0.989788	-1.01032	5.43681	5.49579	0.898531	1
cg11963436	0.689309	0.820532	-1.21872	0.0228833	3.81899	3.81899	0.617546	0.780531	-1.28118	0.104538	0.417566	-2.39483	5.33919	20.4857	3.41054	1
cg12805727	0.00318017	5.27003	5.27003	0.0923223	0.465652	-2.14752	0.487073	0.747289	-1.33817	0.835541	1.08955	1.08955	3.73689	10.0729	2.39604	1
cg03617467	0.542715	0.817382	-1.22342	0.00068818	0.183393	-5.45276	0.529961	0.812024	-1.23149	0.996496	1.00144	1.00144	3.82264	6.4843	1.50781	1
cg24379315	0.96005	1.00706	1.00706	0.000113505	0.386265	-2.5889	0.000674652	0.482064	-2.07441	0.0763653	1.3188	1.3188	11.7383	3.66243	0.277339	1
cg04059980	0.980654	0.991251	-1.00883	0.988519	0.994799	-1.00523	0.564433	0.809676	-1.23506	0.21851	1.59844	1.59844	5.50051	11.4407	1.84884	1
cg01951489	0.671001	1.07627	1.07627	0.257397	1.22546	1.22546	0.78798	0.95469	-1.04746	0.00992344	0.571036	-1.7512	12.7823	5.99048	0.416583	1
cg12699768	0.0405152	1.99636	1.99636	0.0072954	2.74868	2.74868	0.354853	1.32068	1.32068	0.268093	0.713832	-1.40089	9.96419	13.4768	1.20224	1
cg02138218	0.0845477	1.28684	1.28684	0.00179042	1.7993	1.7993	0.0397243	0.730285	-1.36933	0.131448	0.806342	-1.24017	8.71299	2.41104	0.245971	1
cg01713438	0.225368	2.09156	2.09156	0.00336728	10.0887	10.0887	0.299344	0.536143	-1.86518	0.405402	1.63775	1.63775	8.41431	44.7576	4.72819	1
cg16651347	0.0250326	0.525498	-1.90296	0.000843555	0.29776	-3.35841	0.0841287	1.58596	1.58596	0.0472266	0.578136	-1.7297	7.19554	6.63731	0.819929	1
cg20240091	0.0464657	0.758862	-1.31776	0.0034157	1.61827	1.61827	0.32367	0.883969	-1.13126	0.588729	0.936086	-1.06828	6.63669	1.53875	0.206094	1
cg13386070	0.121596	0.533609	-1.87403	0.171642	0.580063	-1.72395	0.0540495	0.44115	-2.2668	0.0609986	0.453735	-2.20393	6.01044	13.3327	1.97179	1
cg26270116	0.182819	0.687701	-1.45412	0.297746	1.33095	1.33095	0.554441	0.85354	-1.17159	0.00734679	0.400454	-2.49716	4.51301	5.01379	0.987524	1
cg12640930	0.0837864	0.349576	-2.86061	0.145125	0.423419	-2.36173	0.118354	0.394052	-2.53774	0.0351771	0.259854	-3.84832	3.86067	18.4464	4.24713	1
cg04453677	0.00104975	0.641477	-1.5589	7.76E-07	0.296371	-3.37415	0.000167064	1.79851	1.79851	8.83E-05	1.90256	1.90256	45.7034	6.06971	0.11805	1
cg01910272	0.837978	0.982801	-1.0175	0.00264682	0.702988	-1.4225	0.619853	1.04328	1.04328	0.353799	1.08419	1.08419	3.53867	0.402357	0.101069	1
cg18715716	0.0164079	0.350715	-2.85132	0.487024	1.28696	1.28696	0.0360431	2.38957	2.38957	0.0385612	2.35398	2.35398	3.50399	7.08253	1.79669	1
cg02174884	4.34E-05	2.88891	2.88891	0.000191093	2.36117	2.36117	1.03E-05	3.63559	3.63559	9.63E-05	2.58145	2.58145	30.5441	9.03816	0.263027	1
cg17038577	0.265971	1.38842	1.38842	0.0437237	0.518734	-1.92777	0.0441883	0.519699	-1.92419	0.00724809	0.375005	-2.66663	12.7888	16.2351	1.12842	1
cg09704054	0.0959512	1.61287	1.61287	0.0260012	1.99529	1.99529	0.000265157	4.78736	4.78736	0.0209515	2.06737	2.06737	8.08566	8.75283	0.962233	1
cg08641963	0.885832	1.05539	1.05539	0.12431	1.8672	1.8672	0.00970461	0.292983	-3.41316	0.674812	1.17155	1.17155	5.41715	12.0793	1.98207	1
cg04807470	0.0563684	18.1119	18.1119	0.022432	39.118	39.118	0.00718914	104.761	104.761	0.0201626	42.8092	42.8092	3.83587	109.187	25.3021	1
cg25468907	0.548405	1.1191	1.1191	0.000362925	0.346777	-2.8837	0.000472327	0.361442	-2.76669	0.00256535	0.460781	-2.17023	13.5175	7.35029	0.483344	1
cg09582482	0.330754	0.797002	-1.2547	0.425592	0.831976	-1.20196	0.470634	0.847104	-1.18049	0.393828	0.820802	-1.21832	4.2246	3.42015	0.719625	1
cg20660011	0.409325	1.11381	1.11381	0.000151143	2.29506	2.29506	0.0657066	1.30189	1.30189	0.924084	0.987899	-1.01225	10.205	2.63727	0.229715	1
cg14672680	0.385495	0.877706	-1.13933	0.0034506	1.79007	1.79007	0.498466	0.904157	-1.106	0.441356	0.891269	-1.122	6.34992	2.16186	0.302627	1
cg25830305	0.0495285	0.36039	-2.77477	0.0150229	0.256313	-3.90148	0.00770293	0.210281	-4.75554	0.184265	0.526547	-1.89916	4.4975	14.7736	2.91987	1
cg15662902	0.0532891	0.503253	-1.98707	0.121541	0.591563	-1.69044	0.0352031	0.464299	-2.15378	0.0551061	0.506541	-1.97417	3.81245	5.90632	1.37708	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24365121	TNNI2;TNNI2;TNNI2	0.00118586	0.0722117	0.763939	-1.30901	0.0363449	0.721416	-1.38616	0.00181627	0.551593	-1.81293	0.184508	1.20791	1.20791	0.00259517	0.57117	-1.75079	0.00821353	1.57426	1.57426	0.00278731	1.73882	1.73882	0.109416	0.791176	-1.26394	0.0138601	0.664924	-1.50393	11.2096	3.19734	0.253539	1
cg26072173	TNNI2;TNNI2;TNNI2	0.0037614	0.0544317	0.704192	-1.42007	0.00676368	0.568846	-1.75795	0.000427136	0.408117	-2.45028	0.0892127	0.73994	-1.35146	0.0231787	0.646484	-1.54683	0.220674	1.22988	1.22988	0.0180724	1.58639	1.58639	0.212315	0.809681	-1.23505	0.697033	0.939062	-1.06489	7.99917	3.27176	0.363567	1
cg01857514	TNNI2;TNNI2;TNNI2	0.00401713	0.748319	0.963858	-1.0375	0.000222612	2.01948	2.01948	0.00307956	0.62922	-1.58927	0.92162	0.988809	-1.01132	0.802575	0.971761	-1.02906	0.976858	0.996689	-1.00332	0.0668016	1.26489	1.26489	0.137443	1.20073	1.20073	0.65326	1.05307	1.05307	7.84238	1.62406	0.184078	1
cg13133304	TNNI2;TNNI2;TNNI2	0.00625812	0.0362599	0.269432	-3.71152	0.0376757	0.272912	-3.66419	0.000905008	0.0689717	-14.4987	0.0749707	0.343634	-2.91008	0.0168501	0.207897	-4.81006	0.00633645	0.147418	-6.78343	0.00109656	0.0747645	-13.3753	0.098439	0.376749	-2.65428	0.0458277	0.291401	-3.4317	6.8494	31.4744	4.08463	1
cg25161474	TNNI2;TNNI2;TNNI2	0.00695234	0.278211	1.14913	1.14913	0.707873	1.0475	1.0475	0.00362912	1.62454	1.62454	0.531728	0.924879	-1.08122	0.887707	1.01757	1.01757	0.00072729	1.88408	1.88408	0.00261837	1.67148	1.67148	0.830931	0.973986	-1.02671	0.0999321	1.24888	1.24888	6.62922	1.59568	0.21396	1
cg14975206	TNNI2;TNNI2;TNNI2	0.00844579	0.00325294	0.445782	-2.24325	0.00681642	0.493734	-2.02538	0.000831965	0.36316	-2.75361	0.0344447	0.608575	-1.64318	0.0148367	0.546916	-1.82843	0.0540164	0.643813	-1.55325	0.212656	0.767757	-1.3025	0.138076	0.725063	-1.37919	0.0375679	0.615229	-1.62541	6.23661	4.00408	0.570691	1
cg04252965	TNNI2;TNNI2;TNNI2	0.0119856	0.841069	0.950966	-1.05156	0.93668	0.9803	-1.0201	0.406037	0.808268	-1.23721	0.00291694	0.359098	-2.78475	0.420802	0.813877	-1.22869	0.509454	1.18243	1.18243	0.00551881	2.49269	2.49269	0.0321214	0.533352	-1.87493	0.0274437	0.520385	-1.92165	5.57567	5.53731	0.882773	1
cg15801654	TNNI2;TNNI2;TNNI2	0.0139398	0.251008	0.825422	-1.2115	0.153369	0.78305	-1.27706	0.00528098	0.555295	-1.80084	0.597191	0.918228	-1.08905	0.0212672	0.642185	-1.55718	0.86901	0.973943	-1.02675	0.00279222	1.9333	1.9333	0.928708	1.01442	1.01442	0.686144	0.937081	-1.06714	5.3074	2.15097	0.360247	1
cg22327778	TNNI2;TNNI2;TNNI2	0.0409489	0.334645	0.850008	-1.17646	0.0179209	1.59977	1.59977	0.0122711	1.66437	1.66437	0.568746	0.910216	-1.09864	0.960254	0.991894	-1.00817	0.108854	1.33056	1.33056	0.0164606	1.61395	1.61395	0.734514	1.05717	1.05717	0.0772272	1.37831	1.37831	3.65142	1.54259	0.375523	1
cg25623459	TNNI2;TNNI2;TNNI2	0.0415452	0.621852	0.888993	-1.12487	0.238553	0.746648	-1.33932	0.0676833	0.616046	-1.62326	0.0996991	0.652451	-1.53268	0.520094	1.16686	1.16686	0.578915	1.14188	1.14188	0.00335907	2.57118	2.57118	0.433921	1.20801	1.20801	0.301442	0.776165	-1.28839	3.63195	3.22208	0.788579	1
cg18386828	TNNI2;TNNI2;TNNI2;TNNI2	0.0251804	0.277332	0.861264	-1.16108	0.432585	0.899538	-1.11168	0.0310566	0.715613	-1.3974	0.96571	0.994333	-1.0057	0.825749	1.02958	1.02958	0.462024	1.10405	1.10405	0.00100622	1.90657	1.90657	0.99887	1.00019	1.00019	0.465536	1.10316	1.10316	4.34635	1.20299	0.246028	1
cg12133721	TNNI3	1.68E-05	0.00236562	1.82298	1.82298	0.186789	1.21918	1.21918	8.60E-05	0.368444	-2.71411	0.020075	0.672175	-1.48771	0.0922964	1.30004	1.30004	0.588686	0.925598	-1.08038	7.29E-06	0.246396	-4.05851	2.96E-06	0.206225	-4.84908	0.231673	0.83723	-1.19441	35.4375	11.2562	0.282342	1
cg22753548	TNNI3	0.00396742	0.905807	0.981063	-1.0193	0.0226211	0.643468	-1.55408	0.000479612	2.42295	2.42295	0.37064	0.862014	-1.16007	0.208885	0.807387	-1.23856	0.0469449	0.692592	-1.44385	0.158614	0.783968	-1.27556	0.0196904	1.5762	1.5762	0.0585515	1.41221	1.41221	7.87187	3.25228	0.367246	1
cg14281039	TNNI3	0.0188926	0.888356	1.04427	1.04427	0.579261	1.18854	1.18854	0.947057	0.979728	-1.02069	0.720736	1.11706	1.11706	0.503037	0.810898	-1.2332	0.0226645	0.431073	-2.31979	0.00194063	0.258675	-3.86585	0.00367427	0.297842	-3.35749	0.273559	0.703701	-1.42106	4.79624	7.22494	1.339	1
cg06478143	TNNI3;TNNI3	0.000769991	0.00131546	0.379108	-2.63777	0.770577	1.06254	1.06254	0.162947	0.734192	-1.36204	0.0954454	0.683845	-1.46232	0.00516935	0.464893	-2.15103	0.0229696	0.568743	-1.75826	1.46E-05	0.154278	-6.48182	0.202463	0.756406	-1.32204	0.105453	0.692833	-1.44335	12.6676	8.63546	0.605954	1
cg03097995	TNNI3;TNNI3	0.00644901	0.00515681	0.221666	-4.51128	0.0110951	0.272821	-3.6654	0.0590546	0.419161	-2.38572	0.178326	0.558043	-1.79198	0.00356407	0.199767	-5.00583	0.00707026	0.241753	-4.13645	0.000936394	0.133451	-7.49338	0.0364623	0.370952	-2.69576	0.0405138	0.380998	-2.62468	6.78593	17.8813	2.34227	1
cg06366937	TNNI3K;FPGT;FPGT;LRRIQ3	0.0156954	0.561105	0.822987	-1.21509	0.130206	1.71917	1.71917	0.29154	1.43736	1.43736	0.227143	0.656833	-1.52246	0.00145824	0.217849	-4.59033	0.450519	0.775016	-1.2903	0.0565036	2.04572	2.04572	0.046598	2.12853	2.12853	0.240725	1.50254	1.50254	5.10349	8.88241	1.54707	1
cg17589384	TNNI3K;FPGT;LRRIQ3	0.00155861	0.000133365	0.506641	-1.97378	0.0685056	1.23293	1.23293	0.43475	0.921427	-1.08527	0.0698412	0.812078	-1.23141	0.000585408	0.579456	-1.72576	0.238739	1.13507	1.13507	0.0782208	0.817996	-1.2225	0.990764	0.998812	-1.00119	0.0268136	0.763894	-1.30908	10.3645	1.73063	0.148424	1
cg04835163	TNNI3K;FPGT;LRRIQ3	0.0338323	0.134023	0.723002	-1.38312	0.80613	1.05059	1.05059	0.239622	1.28037	1.28037	0.667147	0.916823	-1.09072	0.00242088	0.428403	-2.33425	0.0718062	0.668026	-1.49695	0.178232	1.33226	1.33226	0.405016	0.842818	-1.1865	0.178536	1.33226	1.33226	3.91481	2.49777	0.567139	1
cg00806535	TNNI3K;TNNI3K	0.000965393	0.00190747	0.243672	-4.10387	0.0333898	0.450107	-2.22169	0.385875	0.751682	-1.33035	0.032537	0.447783	-2.23323	0.000710427	0.190913	-5.23798	0.109965	0.571529	-1.74969	0.000124059	0.116646	-8.57297	0.468621	0.789172	-1.26715	0.000301779	0.151566	-6.59778	11.8846	19.4073	1.45154	1
cg04285710	TNNI3K;TNNI3K	0.00796748	0.0170735	0.283419	-3.52835	0.0580946	0.39504	-2.53139	0.0504752	0.380361	-2.62908	0.159009	0.520619	-1.92079	0.00257596	0.163327	-6.12268	0.533692	0.760839	-1.31434	0.000846054	0.113524	-8.80869	0.283761	1.62076	1.62076	0.0379106	0.352137	-2.8398	6.35228	18.9171	2.64711	1
cg08718880	TNNI3K;TNNI3K	0.0251539	0.0437027	0.311318	-3.21215	0.0104498	0.19744	-5.06483	0.155324	0.465203	-2.1496	0.433781	0.668993	-1.49478	0.20892	0.513436	-1.94766	0.741631	0.846613	-1.18118	0.00178915	0.1068	-9.36331	0.0114858	0.203638	-4.91067	0.325873	0.600175	-1.66618	4.34794	17.4423	3.56589	1
cg13900542	TNNI3K;TNNI3K	0.0458818	0.203807	1.27564	1.27564	0.00399919	2.01811	2.01811	0.635673	1.09049	1.09049	0.165256	1.30822	1.30822	0.0810204	1.42071	1.42071	0.0487113	1.50477	1.50477	0.0183641	1.68099	1.68099	0.845118	0.965121	-1.03614	0.539437	0.893351	-1.11938	3.49997	1.82636	0.463842	1
cg00844197	TNNT1;TNNT1;TNNT1	0.00670173	0.120846	0.616225	-1.62278	0.0277926	2.11369	2.11369	0.0140681	0.417946	-2.39266	0.560594	1.18454	1.18454	0.000731406	0.228218	-4.38178	0.202263	0.678775	-1.47324	0.0834757	0.57615	-1.73566	0.09932	1.68195	1.68195	0.717728	1.11013	1.11013	6.70542	8.79625	1.16606	1
cg05250932	TNNT1;TNNT1;TNNT1	0.0119907	0.0359582	0.403235	-2.47994	0.0454112	0.425606	-2.34959	0.0774184	0.481563	-2.07657	0.146605	0.559906	-1.78601	0.00322808	0.224084	-4.46261	0.0160071	0.333656	-2.9971	0.000912023	0.157913	-6.33258	0.420256	0.736002	-1.35869	0.0584354	0.451154	-2.21654	5.5749	12.2346	1.95074	1
cg19393762	TNNT1;TNNT1;TNNT1	0.027881	0.072229	0.316158	-3.16298	0.014166	0.176006	-5.68164	0.0263652	0.220577	-4.53356	0.317525	0.552658	-1.80944	0.0622809	0.299847	-3.33503	0.669194	1.27977	1.27977	0.00255071	0.0904998	-11.0498	0.0537747	0.284546	-3.51437	0.146436	0.40874	-2.44654	4.19407	21.881	4.63745	1
cg02589576	TNNT2;TNNT2;TNNT2;TNNT2	0.000958236	0.019806	0.446299	-2.24065	0.471717	0.810651	-1.23358	0.000348689	0.192273	-5.20094	0.0757908	0.5674	-1.76242	0.000623894	0.221148	-4.52187	0.159033	1.53974	1.53974	0.000676859	0.225382	-4.4369	0.00227462	0.294058	-3.40069	0.00432962	0.335049	-2.98464	11.9096	15.5091	1.15754	1
cg24249973	TNNT2;TNNT2;TNNT2;TNNT2	0.00165809	0.0139002	0.511755	-1.95406	0.0163652	0.523668	-1.90961	0.000776491	0.325924	-3.0682	0.934643	1.01824	1.01824	9.91E-05	0.218001	-4.58713	0.131051	0.6981	-1.43246	0.171559	1.37831	1.37831	0.376036	0.818519	-1.22172	0.862761	1.03888	1.03888	10.181	7.83529	0.684087	1
cg18330203	TNNT2;TNNT2;TNNT2;TNNT2	0.0229686	0.0317142	0.576274	-1.73529	0.578595	0.884431	-1.13067	0.649715	0.904767	-1.10526	0.2305	0.759312	-1.31698	0.00322496	0.414927	-2.41006	0.20741	1.33775	1.33775	0.0180508	1.87516	1.87516	0.345509	0.808435	-1.23696	0.335726	0.804708	-1.24269	4.48697	3.40463	0.674472	1
cg03292225	TNNT3;TNNT3;TNNT3;TNNT3	9.01E-05	0.0624396	1.33612	1.33612	0.00164808	0.536568	-1.8637	0.010499	1.56049	1.56049	0.250788	1.18035	1.18035	7.41E-06	0.255658	-3.91148	0.0583735	0.74412	-1.34387	0.0024272	0.558034	-1.792	0.00424543	1.69691	1.69691	0.0380064	1.39429	1.39429	22.7641	6.88397	0.268804	1
cg11654118	TNNT3;TNNT3;TNNT3;TNNT3	0.000147311	0.0194353	0.72293	-1.38326	0.000181558	2.06921	2.06921	0.00139611	1.70174	1.70174	0.000492516	1.8713	1.8713	0.000396075	0.523232	-1.9112	0.000637999	1.82606	1.82606	0.0246478	1.35969	1.35969	0.0900097	1.23933	1.23933	0.980576	0.997208	-1.0028	19.9539	4.16694	0.185625	1
cg06503573	TNNT3;TNNT3;TNNT3;TNNT3	0.00110088	0.00276733	0.620754	-1.61095	0.0140469	1.4195	1.4195	0.000409264	0.522858	-1.91257	0.00910649	0.681958	-1.46637	0.0017754	0.598038	-1.67213	0.755012	0.964485	-1.03682	0.108863	1.22386	1.22386	0.0450048	0.766626	-1.30442	0.0157647	0.710507	-1.40744	11.4496	2.42014	0.187887	1
cg27412039	TNNT3;TNNT3;TNNT3;TNNT3	0.00178077	0.939775	0.989475	-1.01064	0.667533	0.941282	-1.06238	0.00108363	0.508898	-1.96503	0.490349	1.10309	1.10309	0.00113533	0.511469	-1.95515	0.833224	0.970904	-1.02997	0.27859	1.17089	1.17089	0.00208099	1.83457	1.83457	0.00697751	0.613434	-1.63017	9.97279	3.09733	0.276069	1
cg19130860	TNNT3;TNNT3;TNNT3;TNNT3	0.00290547	0.0393691	0.735299	-1.35999	0.552713	1.08056	1.08056	0.00946323	0.654301	-1.52835	0.510617	0.917518	-1.0899	5.51E-05	0.379683	-2.63378	0.0402497	0.736604	-1.35758	0.391311	0.892879	-1.11997	0.392849	0.893224	-1.11954	0.0234833	0.705323	-1.41779	8.63983	2.27713	0.234277	1
cg12038298	TNNT3;TNNT3;TNNT3;TNNT3	0.0138361	0.000914321	0.521514	-1.91749	0.76361	0.961157	-1.04041	0.00838135	0.642494	-1.55644	0.140123	0.811807	-1.23182	0.151957	0.817421	-1.22336	0.769268	0.962101	-1.03939	0.0133612	0.668638	-1.49558	0.250922	1.17066	1.17066	0.588876	0.930836	-1.0743	5.32043	1.4538	0.242888	1
cg19608778	TNNT3;TNNT3;TNNT3;TNNT3	0.0142254	0.258715	0.835417	-1.19701	0.77731	1.04422	1.04422	0.018426	0.646411	-1.547	0.114446	1.29952	1.29952	0.017016	0.641444	-1.55898	0.0101957	1.63943	1.63943	0.0646248	1.37265	1.37265	0.058671	1.38529	1.38529	0.686554	1.06386	1.06386	5.27211	1.94441	0.327831	1
cg13058214	TNNT3;TNNT3;TNNT3;TNNT3	0.0187331	0.363606	0.722353	-1.38437	0.0779869	0.505495	-1.97826	0.000853788	0.174585	-5.72789	0.034621	0.423947	-2.35878	0.144437	0.579198	-1.72653	0.752842	0.895795	-1.11633	0.548155	1.23576	1.23576	0.745201	1.12029	1.12029	0.014393	0.349641	-2.86007	4.80999	9.24412	1.70832	1
cg09095364	TNNT3;TNNT3;TNNT3;TNNT3	0.0200021	0.771646	0.914151	-1.09391	0.326208	1.36706	1.36706	0.00182689	0.2551	-3.92003	0.203471	0.660979	-1.51291	0.0151403	0.398325	-2.51051	0.722528	0.89586	-1.11625	0.0353016	2.12998	2.12998	0.814838	1.07504	1.07504	0.970049	0.988486	-1.01165	4.7044	7.08856	1.33937	1
cg17419660	TNNT3;TNNT3;TNNT3;TNNT3	0.0211169	0.437554	0.826991	-1.2092	0.880442	1.03676	1.03676	0.497091	0.847569	-1.17984	0.203322	0.72462	-1.38003	0.000923062	0.305101	-3.2776	0.126758	0.67287	-1.48617	0.0233131	1.91601	1.91601	0.777597	0.934329	-1.07029	0.337945	0.789025	-1.26739	4.61827	4.20868	0.810055	1
cg19313495	TNNT3;TNNT3;TNNT3;TNNT3	0.0240166	0.606618	1.08473	1.08473	0.00109936	0.47066	-2.12467	0.059287	0.716471	-1.39573	0.0782208	0.736109	-1.3585	0.0545945	0.710746	-1.40697	0.0565136	0.713139	-1.40225	0.801744	0.961369	-1.04018	0.973705	1.00517	1.00517	0.0461718	0.69926	-1.43008	4.41834	1.71585	0.345198	1
cg01821149	TNNT3;TNNT3;TNNT3;TNNT3	0.025226	0.343393	0.836632	-1.19527	0.0547873	0.671619	-1.48894	0.127082	0.73968	-1.35194	0.097519	0.717301	-1.39412	0.00348333	0.484564	-2.06371	0.28901	1.22279	1.22279	0.354984	1.18992	1.18992	0.01048	0.555037	-1.80168	0.0944213	0.714641	-1.3993	4.34361	2.29733	0.470132	1
cg04258133	TNNT3;TNNT3;TNNT3;TNNT3	0.0433057	0.844761	1.13077	1.13077	0.750666	0.818853	-1.22122	0.879797	0.909494	-1.09951	0.280872	0.495269	-2.0191	0.00424056	0.0907547	-11.0187	0.0218381	0.178148	-5.61331	0.00805113	0.119067	-8.39866	0.507495	0.656053	-1.52427	0.301388	0.511069	-1.95668	3.57641	22.2603	5.53263	1
cg24545125	TNP1	0.00828832	0.373414	0.738768	-1.35361	0.737002	1.11816	1.11816	0.703552	1.13506	1.13506	0.0297827	0.42853	-2.33356	0.000131106	0.110836	-9.02231	0.210729	0.645984	-1.54803	0.866296	1.05743	1.05743	0.885157	1.04905	1.04905	0.183365	0.626402	-1.59642	6.27377	10.9099	1.54575	1
cg19673237	TNP1	0.0499878	0.652882	1.07838	1.07838	0.31057	1.1911	1.1911	0.476873	1.12812	1.12812	0.973534	1.00554	1.00554	0.0447979	0.681206	-1.46798	0.0406297	1.4829	1.4829	0.00397247	1.90697	1.90697	0.847162	0.968351	-1.03268	0.974155	0.994615	-1.00541	3.38844	1.49079	0.391078	1
cg06638156	TNP2	0.0100836	0.0234092	0.603641	-1.65661	0.944898	0.987199	-1.01297	0.00880353	0.537009	-1.86217	0.630454	1.09456	1.09456	0.000546367	0.367469	-2.72132	0.67729	0.924958	-1.08113	0.780038	0.949155	-1.05357	0.0393448	0.641248	-1.55946	0.0269033	0.613539	-1.62989	5.8949	3.24353	0.48909	1
cg27106356	TNP2	0.0171637	0.429616	0.77817	-1.28507	0.966801	1.01303	1.01303	0.00170512	0.248171	-4.02948	0.623381	0.857302	-1.16645	0.00454268	0.308523	-3.24125	0.128116	0.599487	-1.66809	0.0872471	0.555791	-1.79924	0.0234525	0.430815	-2.32118	0.0190752	0.413701	-2.4172	4.95357	7.59171	1.36229	1
cg02039022	TNPO1	0.000145305	0.0168633	1.08488	1.08488	0.000396803	0.854201	-1.17068	0.0709881	1.05799	1.05799	0.0564942	1.0622	1.0622	0.0577482	0.941805	-1.06179	0.224275	1.03632	1.03632	0.13625	1.04588	1.04588	0.024303	1.07791	1.07791	6.82E-06	1.32166	1.32166	20.0278	0.247697	0.0109935	1
cg19220754	TNPO1	0.00109975	0.236451	1.78528	1.78528	0.824701	1.10921	1.10921	0.974542	0.985202	-1.01502	0.146158	0.482455	-2.07273	1.35E-05	0.0141815	-70.5142	0.645198	1.24187	1.24187	0.625085	1.25871	1.25871	0.89285	1.06499	1.06499	0.168352	1.98543	1.98543	11.453	39.5942	3.07298	1
cg04988443	TNPO1	0.00209427	0.428515	1.17831	1.17831	0.00037452	0.315125	-3.17335	0.00129394	0.386129	-2.5898	0.0489851	1.57822	1.57822	0.0312005	0.598555	-1.67069	0.65919	1.09428	1.09428	0.0337317	1.65428	1.65428	0.77202	1.06075	1.06075	0.087482	0.681846	-1.46661	9.51324	6.20868	0.580121	1
cg21869765	TNPO1	0.00256643	0.0467931	1.83313	1.83313	0.599767	0.868515	-1.15139	0.00862398	2.4393	2.4393	0.00144728	3.40573	3.40573	0.00476754	0.368744	-2.71191	0.545687	1.17681	1.17681	0.0652786	1.7349	1.7349	0.00201887	3.18866	3.18866	0.384445	0.788658	-1.26798	8.96256	10.0618	0.997912	1
cg11356029	TNPO1	0.0139464	0.525402	0.91028	-1.09856	0.343273	1.15329	1.15329	0.449903	0.893624	-1.11904	0.201061	0.820985	-1.21805	0.223091	0.829437	-1.20564	0.000505023	0.451977	-2.2125	0.132477	0.788876	-1.26763	0.270892	1.18228	1.18228	0.0691302	1.34591	1.34591	5.30657	1.79341	0.30041	1
cg10650870	TNPO1;TNPO1	0.00211557	0.821307	0.944465	-1.0588	0.421752	0.812797	-1.23032	0.726016	1.09293	1.09293	0.0146089	0.467906	-2.13718	0.000164513	0.197404	-5.06576	0.21976	0.721873	-1.38529	0.152522	0.67907	-1.4726	0.000219636	0.211094	-4.73722	0.71889	0.912753	-1.09559	9.48518	9.58252	0.898011	1
cg02047170	TNPO1;TNPO1	0.00562826	0.00168501	0.427436	-2.33953	0.0518309	0.657724	-1.52039	0.0266005	0.607991	-1.64476	0.977991	0.99479	-1.00524	0.00643105	0.51115	-1.95637	0.00736802	0.52002	-1.923	0.00142863	0.417542	-2.39497	0.658863	1.08776	1.08776	0.0644819	0.674847	-1.48182	7.07725	4.01851	0.504717	1
cg17625409	TNPO1;TNPO1	0.0250173	0.321186	0.90633	-1.10335	0.162927	1.15364	1.15364	0.0204195	1.30753	1.30753	0.00918159	0.728009	-1.37361	0.679327	0.960896	-1.0407	0.0888768	1.19731	1.19731	0.0425176	0.799206	-1.25124	0.989863	0.998782	-1.00122	0.183623	1.14496	1.14496	4.35619	0.635307	0.129636	1
cg16473774	TNPO1;TNPO1	0.0282478	0.647134	0.96298	-1.03844	0.235358	1.10715	1.10715	0.0401529	1.2142	1.2142	0.122998	1.14656	1.14656	0.899005	1.01045	1.01045	0.758702	1.02554	1.02554	0.0811975	0.853656	-1.17143	0.0886439	1.16617	1.16617	0.0045094	0.733576	-1.36318	4.1748	0.442935	0.0943087	1
cg26542796	TNPO1;TNPO1	0.0284409	0.00846687	0.488306	-2.0479	0.911355	1.02403	1.02403	0.160251	0.726206	-1.37702	0.0698803	0.649051	-1.54071	0.00753706	0.480355	-2.08179	0.111004	0.690553	-1.44811	0.0139593	0.523359	-1.91073	0.31419	0.800945	-1.24853	0.0147838	0.52748	-1.89581	4.16478	2.99961	0.640206	1
cg10358954	TNPO1;TNPO1	0.0371253	0.276523	0.92247	-1.08405	0.345881	0.933126	-1.07167	0.393431	0.939572	-1.06431	0.174155	1.10858	1.10858	0.0241818	1.21123	1.21123	0.168344	1.11034	1.11034	0.0116634	1.252	1.252	0.261056	0.919824	-1.08716	0.0383069	1.18668	1.18668	3.78519	0.304763	0.0715684	1
cg19609284	TNPO1;TNPO1;TNPO1	0.00474876	0.00247271	0.157341	-6.35561	0.104698	2.02921	2.02921	0.0272783	2.92995	2.92995	0.240133	0.616941	-1.6209	0.283602	0.646473	-1.54686	0.11766	1.96689	1.96689	0.330196	0.675376	-1.48066	0.00104273	0.11191	-8.93572	?	?	?	10.7726	21.5429	1.49984	1
cg04410039	TNPO2	0.00811133	0.00237077	0.685336	-1.45914	0.371579	1.08522	1.08522	0.0947864	0.849014	-1.17784	0.401287	1.07959	1.07959	0.0012421	0.656608	-1.52298	0.161861	0.875328	-1.14243	0.4759	0.937418	-1.06676	0.853704	1.01659	1.01659	0.00768619	0.736861	-1.35711	6.31661	0.795025	0.111878	1
cg23994702	TNPO2;TNPO2;TNPO2	1.68E-06	0.323289	1.27836	1.27836	0.00478623	0.406017	-2.46295	0.104262	0.652133	-1.53343	1.79E-08	0.00562331	-177.831	0.00178528	0.342931	-2.91604	0.235801	0.741511	-1.3486	?	?	?	0.496923	1.18061	1.18061	0.849208	0.955216	-1.04688	65.9324	53.7838	0.815741	1
cg13553703	TNPO2;TNPO2;TNPO2	1.90E-05	0.481583	0.879157	-1.13745	0.105416	0.727236	-1.37507	0.000193344	0.323111	-3.09491	0.508121	1.12849	1.12849	0.787385	1.04988	1.04988	4.52E-06	0.149843	-6.67364	1.24E-06	0.105355	-9.49169	0.762622	1.05606	1.05606	0.00271388	0.474432	-2.10778	34.3356	17.6282	0.456364	1
ch.19.565153F	TNPO2;TNPO2;TNPO2	0.00156536	0.183127	0.724134	-1.38096	2.16E-05	0.142025	-7.04102	0.0702136	0.629703	-1.58805	0.821352	1.05304	1.05304	0.0814771	0.643217	-1.55469	0.554053	1.14657	1.14657	0.624266	0.89332	-1.11942	0.426011	1.20412	1.20412	0.193694	1.36925	1.36925	10.3516	8.5611	0.73514	1
cg02011723	TNPO2;TNPO2;TNPO2	0.0102143	0.439647	1.38171	1.38171	0.420717	0.713588	-1.40137	0.546754	0.778661	-1.28426	0.436033	1.3854	1.3854	0.0658131	0.428774	-2.33223	0.0409248	0.379877	-2.63243	0.00142407	0.150589	-6.64061	0.00171484	0.159435	-6.27215	0.578032	1.25925	1.25925	5.87063	15.6469	2.36914	1
cg25535317	TNPO2;TNPO2;TNPO2	0.0117242	0.504029	1.21073	1.21073	0.0598766	0.549491	-1.81986	0.010401	0.402542	-2.48421	0.78517	0.925836	-1.08011	0.000318966	0.193308	-5.1731	0.0699035	0.56463	-1.77107	0.252629	0.713911	-1.40074	0.370728	0.771652	-1.29592	0.476278	0.815243	-1.22663	5.61567	7.07404	1.11973	1
cg04734576	TNPO2;TNPO2;TNPO2	0.0156564	0.834456	0.932565	-1.07231	0.0236702	0.406104	-2.46242	0.110455	0.559736	-1.78656	0.0855363	0.530435	-1.88525	0.0109021	0.34432	-2.90427	0.0021016	0.236166	-4.23432	0.0795635	1.91397	1.91397	0.65966	1.15934	1.15934	0.452666	0.774736	-1.29076	5.1077	9.00321	1.56682	1
cg25933195	TNPO2;TNPO2;TNPO2	0.0206073	0.700705	0.893191	-1.11958	0.253171	0.705365	-1.41771	0.33365	1.33863	1.33863	0.435354	0.792339	-1.26209	0.219787	0.685661	-1.45845	0.505741	0.820792	-1.21834	0.00126695	0.252667	-3.95778	0.0768368	1.778	1.778	0.050958	1.91599	1.91599	4.65692	6.30873	1.20418	1
cg11788103	TNPO2;TNPO2;TNPO2	0.0222333	0.621372	1.05248	1.05248	0.14305	1.17553	1.17553	0.565779	1.06146	1.06146	0.370818	1.09902	1.09902	0.516346	0.934625	-1.06995	0.151829	0.854061	-1.17088	0.0443338	0.788741	-1.26784	0.0258226	1.31249	1.31249	0.00259535	1.5354	1.5354	4.53748	0.758643	0.148618	1
cg03113475	TNPO2;TNPO2;TNPO2;TNPO2	0.00123327	?	?	?	0.00248134	1.71148	1.71148	0.43524	1.08454	1.08454	?	?	?	0.000417959	0.45242	-2.21034	?	?	?	0.00155331	0.550544	-1.81639	0.436479	1.08429	1.08429	0.71242	0.963333	-1.03806	26.4079	2.59014	0.0817348	1
cg16287740	TNPO3	0.00228957	0.020162	0.611837	-1.63442	0.0438563	1.50099	1.50099	0.135297	1.3261	1.3261	0.591382	1.09967	1.09967	0.18424	0.78119	-1.2801	0.14787	1.31283	1.31283	0.0980696	0.7275	-1.37457	8.88E-05	3.42286	3.42286	0.31557	1.19953	1.19953	9.26833	4.51185	0.432714	1
cg23741159	TNPO3	0.00567671	0.0282991	0.531456	-1.88162	0.738919	0.921586	-1.08509	0.0807213	0.623214	-1.60459	0.612635	1.13275	1.13275	0.000961711	0.301088	-3.32129	0.0164226	0.48875	-2.04603	0.00201161	0.345082	-2.89786	0.0857087	1.58994	1.58994	0.230461	0.735548	-1.35953	7.05862	6.66318	0.839092	1
cg07915574	TNPO3	0.0242012	0.0069273	0.631073	-1.5846	0.670617	0.945203	-1.05797	0.0272312	0.70875	-1.41093	0.305498	0.869557	-1.15001	0.168372	0.824183	-1.21332	0.913031	1.0145	1.0145	0.00661359	1.59109	1.59109	0.807826	0.968409	-1.03262	0.33225	0.876546	-1.14084	4.40664	1.21107	0.244293	1
cg22065500	TNPO3;LOC286016	0.020657	0.0173637	0.789485	-1.26665	0.846894	0.984351	-1.0159	0.563104	0.953419	-1.04886	0.282063	1.0955	1.0955	0.110368	1.15254	1.15254	0.865362	1.01394	1.01394	0.26233	0.909042	-1.10006	0.90781	0.990592	-1.0095	0.00141315	1.45796	1.45796	4.6531	0.49064	0.0937277	1
cg05965015	TNR	5.22E-05	0.000121933	0.225513	-4.43433	0.0328798	0.574588	-1.74038	0.115878	1.46147	1.46147	0.0200134	1.86493	1.86493	9.71E-06	0.120803	-8.27792	0.106618	0.676259	-1.47872	0.00263911	2.51921	2.51921	0.00167482	2.71197	2.71197	0.0049972	0.438304	-2.28152	26.3229	20.5518	0.694008	1
cg20933713	TNR	0.000957145	0.000317689	0.224678	-4.45082	0.105594	0.635904	-1.57256	0.00571876	0.395418	-2.52897	0.241544	1.36876	1.36876	0.000230429	0.208895	-4.78709	0.427374	1.2306	1.2306	0.0035687	0.363907	-2.74796	0.0142382	0.461057	-2.16893	0.00527381	0.389895	-2.56479	11.9135	12.3717	0.923079	1
cg15552845	TNR	0.0138015	0.0414154	2.41193	2.41193	0.296537	1.49953	1.49953	0.899954	1.04821	1.04821	0.181957	1.69949	1.69949	0.0413377	0.414424	-2.41299	0.829914	1.08386	1.08386	0.00378453	4.31617	4.31617	0.0026214	4.75646	4.75646	0.880747	0.945355	-1.0578	5.32481	11.8167	1.97261	1
cg03134083	TNR	0.0167996	0.850912	0.9509	-1.05164	0.601283	0.868423	-1.15151	0.313248	0.756475	-1.32192	0.135274	1.53847	1.53847	0.000399378	0.221472	-4.51524	0.574703	1.16381	1.16381	0.172508	1.47476	1.47476	0.472889	0.82255	-1.21573	0.351163	0.77356	-1.29272	4.98922	5.65735	1.00792	1
cg11796258	TNR	0.0178848	0.111192	0.457376	-2.18638	0.0466658	0.358113	-2.79242	0.0698487	0.400961	-2.49401	0.516989	0.743653	-1.34471	0.0038431	0.172674	-5.79126	0.00725416	0.209818	-4.76604	0.0690819	0.39972	-2.50175	0.298065	1.62625	1.62625	0.0102985	0.232827	-4.29504	4.88566	15.7255	2.86108	1
cg09473826	TNR	0.0258825	0.498164	1.2943	1.2943	0.000901303	6.44636	6.44636	0.150357	1.78308	1.78308	0.573588	0.807899	-1.23778	0.634156	1.19703	1.19703	0.813348	0.915094	-1.09278	0.019595	2.88056	2.88056	0.0558951	2.25349	2.25349	0.852142	1.0725	1.0725	4.30488	9.59456	1.98113	1
cg21577836	TNR	0.0277225	0.0325415	26.4167	26.4167	0.0202829	38.9339	38.9339	0.0649302	15.0617	15.0617	0.124684	8.80306	8.80306	0.0276985	30.1337	30.1337	0.031048	27.4491	27.4491	0.00654864	101.684	101.684	0.012329	59.0055	59.0055	0.0505352	18.4668	18.4668	4.20249	113.962	24.1047	1
cg24932457	TNR	0.0286583	0.0372615	26.6109	26.6109	0.0214237	42.5722	42.5722	0.078795	14.1429	14.1429	0.113081	10.3862	10.3862	0.0214246	42.5706	42.5706	0.0302606	31.7307	31.7307	0.00758155	105.761	105.761	0.0126114	67.3202	67.3202	0.0485719	21.2811	21.2811	4.1536	121.171	25.9311	1
cg13680200	TNR	0.0434483	0.0363073	0.296135	-3.37683	0.00928861	0.192006	-5.20818	0.044558	0.315591	-3.16866	0.9562	1.02784	1.02784	0.0116757	0.20686	-4.8342	0.492385	0.705658	-1.41712	0.0217558	0.252302	-3.96351	0.234817	0.536531	-1.86382	0.178407	0.489247	-2.04396	3.57203	14.1433	3.51951	1
cg02054457	TNR	0.0449758	0.715867	0.848743	-1.17821	0.0165172	0.268764	-3.72073	0.727726	0.85487	-1.16977	0.267217	1.6796	1.6796	0.00882296	0.224059	-4.46312	0.252678	1.70919	1.70919	0.0716242	2.46564	2.46564	0.774614	1.13746	1.13746	0.485648	0.72771	-1.37417	3.52623	11.2405	2.8335	1
cg04923875	TNR	0.0473178	0.0286083	0.0910147	-10.9872	0.00700475	0.0393083	-25.4399	0.0419139	0.113496	-8.81085	0.249928	0.327624	-3.05228	0.0321548	0.0973899	-10.268	0.147016	0.235902	-4.23906	0.0238281	0.0818351	-12.2197	0.110182	0.198735	-5.03182	0.0717101	0.15471	-6.4637	3.45962	47.1947	12.1259	1
cg07107171	TNR;TNR	1.39E-06	0.336815	0.946499	-1.05653	0.00116554	1.30307	1.30307	0.0610721	0.889405	-1.12435	0.0038448	1.24148	1.24148	0.950736	1.00344	1.00344	0.202931	1.07749	1.07749	2.73E-08	0.322248	-3.1032	6.82E-05	1.49855	1.49855	0.428162	1.04594	1.04594	67.4503	3.29351	0.0434033	1
cg04348816	TNRC18	3.29E-05	0.00683582	0.35854	-2.78909	0.772229	1.08869	1.08869	0.162493	0.646249	-1.54739	3.40E-07	0.013232	-75.5743	0.316208	0.738315	-1.35444	0.901764	1.03682	1.03682	0.0162305	2.36488	2.36488	0.335559	0.747715	-1.33741	0.567765	1.18421	1.18421	29.7184	40.345	1.20674	1
cg20378837	TNRC18	5.95E-05	0.577402	1.09172	1.09172	5.71E-05	3.20379	3.20379	3.84E-06	5.36048	5.36048	0.289029	1.18718	1.18718	0.0517791	1.41207	1.41207	0.288593	1.18738	1.18738	0.717853	1.0582	1.0582	0.0722778	0.731457	-1.36713	0.000848886	0.457574	-2.18544	25.4277	9.7878	0.342156	1
cg04571941	TNRC18	6.29E-05	0.405435	0.944021	-1.0593	0.00191477	1.34635	1.34635	4.37E-06	2.04757	2.04757	0.0781629	1.14162	1.14162	0.00419248	0.771371	-1.29639	0.996822	1.00027	1.00027	0.0713083	0.872559	-1.14605	0.0918587	1.13383	1.13383	6.71E-05	1.6392	1.6392	25.0512	1.81724	0.064481	1
cg09518219	TNRC18	9.08E-05	0.068677	1.59974	1.59974	0.000899601	3.14469	3.14469	0.00980656	2.12291	2.12291	0.0207507	1.90013	1.90013	0.000827802	0.313213	-3.19272	1.34E-05	0.122337	-8.17415	0.22743	1.3393	1.3393	0.0538802	1.65638	1.65638	0.00924684	0.46689	-2.14183	22.7217	19.1308	0.74841	1
cg06778159	TNRC18	0.000140778	0.0483819	1.36098	1.36098	0.00513802	1.65708	1.65708	0.762803	0.959483	-1.04223	0.137204	1.24453	1.24453	7.56E-06	0.260487	-3.83897	0.142296	1.24054	1.24054	0.063662	0.752086	-1.32964	0.00163066	1.85287	1.85287	0.0177917	0.674527	-1.48252	20.1992	5.97351	0.262871	1
cg09022230	TNRC18	0.000723069	0.0798029	1.80094	1.80094	0.00124399	4.16903	4.16903	0.00134954	4.09153	4.09153	0.00950237	2.70278	2.70278	0.019875	0.427087	-2.34144	0.000329457	5.7834	5.7834	0.00262971	3.52574	3.52574	0.00165066	3.90823	3.90823	0.609713	1.1686	1.1686	12.8932	18.7006	1.28927	1
cg06771303	TNRC18	0.000894864	0.569867	1.06153	1.06153	0.00141561	1.61663	1.61663	0.00388721	1.49823	1.49823	0.0368233	1.28681	1.28681	0.0332645	1.2953	1.2953	0.553956	0.939647	-1.06423	0.00079445	1.69372	1.69372	5.32E-05	2.19103	2.19103	0.0559301	1.25253	1.25253	12.1423	2.07924	0.152213	1
cg09505513	TNRC18	0.00151453	0.114251	1.44728	1.44728	0.000547671	3.17516	3.17516	0.000694788	3.04525	3.04525	0.216206	1.3232	1.3232	0.0146808	0.523921	-1.90869	0.0192537	1.83911	1.83911	0.429368	1.18957	1.18957	0.00117168	2.78727	2.78727	0.367281	1.22054	1.22054	10.4505	7.6641	0.651884	1
cg07675811	TNRC18	0.00158633	0.00482435	0.435857	-2.29433	0.866985	0.963454	-1.03793	0.190287	0.734869	-1.36079	0.378675	1.22213	1.22213	0.000266217	0.264595	-3.77935	0.0268898	1.78991	1.78991	0.0148619	0.514049	-1.94534	0.00990095	2.06214	2.06214	0.0585185	0.62207	-1.60754	10.3119	8.05611	0.694437	1
cg21364020	TNRC18	0.00222492	0.342911	0.886483	-1.12805	0.000356797	0.493298	-2.02717	0.0727269	1.28003	1.28003	0.0256172	0.721097	-1.38678	0.498288	0.918718	-1.08847	0.00156107	1.7517	1.7517	0.226362	1.16958	1.16958	0.0619887	0.771706	-1.29583	0.46634	0.912641	-1.09572	9.34643	2.251	0.21408	1
cg09388810	TNRC18	0.0022553	0.00435252	0.537389	-1.86085	0.0296592	0.658826	-1.51785	0.0169313	0.621982	-1.60776	0.0772238	0.725969	-1.37747	0.00084298	0.441143	-2.26684	0.728878	0.944856	-1.05836	0.0256365	1.54058	1.54058	0.00731073	0.569047	-1.75733	0.00181846	0.485524	-2.05963	9.30938	3.91785	0.374089	1
cg16434681	TNRC18	0.00240611	0.529734	1.08411	1.08411	0.653324	0.944262	-1.05903	0.0451529	0.747101	-1.33851	0.34758	0.884543	-1.13053	0.00015619	0.439957	-2.27295	0.000971136	0.536479	-1.86401	0.0306314	0.724569	-1.38013	0.644052	0.942687	-1.0608	0.00365225	0.607308	-1.64661	9.13428	2.32791	0.226537	1
cg01554257	TNRC18	0.00302096	0.780052	1.07017	1.07017	0.00732722	0.432784	-2.31062	0.000677517	0.284051	-3.5205	0.228444	1.35829	1.35829	0.395038	1.23495	1.23495	0.115285	1.51407	1.51407	0.00262636	2.74275	2.74275	0.145491	1.46032	1.46032	0.294926	1.30102	1.30102	8.54048	7.93839	0.826224	1
cg07355262	TNRC18	0.00526787	0.352641	0.712812	-1.4029	0.00365331	0.248703	-4.02087	0.00276965	0.232073	-4.309	0.0828943	0.506778	-1.97325	0.00317218	0.240123	-4.16453	0.00981536	0.314923	-3.17538	0.654463	0.852607	-1.17287	0.00916714	0.309974	-3.22608	0.00233149	0.222124	-4.502	7.22242	14.3308	1.76374	1
cg05705615	TNRC18	0.0069981	0.287429	0.845427	-1.18283	0.0806223	0.744854	-1.34254	0.594872	1.08502	1.08502	0.865935	0.97464	-1.02602	0.000651375	0.45174	-2.21366	0.0140842	1.58521	1.58521	0.0232454	1.5104	1.5104	0.197333	0.812873	-1.2302	0.654416	0.933797	-1.0709	6.61568	2.42151	0.325356	1
cg15107350	TNRC18	0.00730294	0.0165756	0.709803	-1.40884	0.390981	0.902173	-1.10843	0.165837	0.841061	-1.18897	0.972239	0.995932	-1.00408	0.00333342	0.626265	-1.59677	0.330059	1.12493	1.12493	0.00133154	1.72719	1.72719	0.780424	0.967798	-1.03327	0.47341	0.91814	-1.08916	6.52818	1.41839	0.19313	1
cg13796158	TNRC18	0.00915973	0.0566447	0.764775	-1.30757	0.216981	1.17523	1.17523	0.105386	1.24595	1.24595	0.0507632	1.31869	1.31869	0.526052	0.92325	-1.08313	0.00703829	1.54193	1.54193	0.0105955	1.49114	1.49114	0.102732	0.800991	-1.24845	0.0257548	0.719528	-1.3898	6.07832	1.48724	0.217493	1
cg23268879	TNRC18	0.0113426	0.0815709	0.47791	-2.09244	0.00633919	0.256828	-3.89366	0.0209453	0.345545	-2.89398	0.0800917	0.475822	-2.10163	0.00175565	0.181718	-5.50302	0.0105413	0.292066	-3.42388	0.0322209	0.383132	-2.61006	0.0290014	0.373624	-2.67649	0.0109087	0.294567	-3.39481	5.67608	13.1517	2.05959	1
cg04495299	TNRC18	0.0119445	0.943167	0.985571	-1.01464	0.240238	0.778282	-1.28488	0.0915359	1.4605	1.4605	0.213266	1.30629	1.30629	0.99658	0.999127	-1.00087	0.116927	0.70665	-1.41513	0.00137919	0.38839	-2.57473	0.588015	0.894492	-1.11795	0.003603	0.447803	-2.23313	5.58189	3.67395	0.585058	1
cg05605135	TNRC18	0.0131409	0.000302109	0.164618	-6.07466	0.0718122	0.539433	-1.8538	0.833638	0.937452	-1.06672	0.887899	1.04427	1.04427	0.456064	1.26253	1.26253	0.15619	0.627603	-1.59336	0.0746178	0.543409	-1.84024	0.356894	1.33775	1.33775	0.919746	1.03143	1.03143	5.41105	8.08198	1.32765	1
cg02825561	TNRC18	0.0136308	0.47697	1.15891	1.15891	0.00719063	2.02919	2.02919	0.0722842	1.50545	1.50545	0.475457	1.15952	1.15952	0.00122701	0.381241	-2.62301	0.24707	1.27998	1.27998	0.701138	0.924365	-1.08182	0.546853	1.13241	1.13241	0.895735	1.0271	1.0271	5.34659	3.52225	0.585586	1
cg01780378	TNRC18	0.0152066	0.943214	1.02999	1.02999	0.194775	1.7664	1.7664	0.428066	1.39882	1.39882	0.0395498	0.372483	-2.68468	0.643274	1.21345	1.21345	0.156537	1.87511	1.87511	0.000572607	0.109479	-9.13415	0.446846	0.724969	-1.37937	0.326448	0.656872	-1.52237	5.1573	14.0554	2.42253	1
cg24351649	TNRC18	0.0178753	0.0167352	0.686133	-1.45744	0.184553	1.19905	1.19905	0.0806318	1.28392	1.28392	0.117407	0.803037	-1.24527	0.109217	0.798291	-1.25268	0.184278	0.833888	-1.1992	0.0027663	0.58719	-1.70303	0.386953	1.12119	1.12119	0.715222	1.0484	1.0484	4.88654	1.28757	0.234216	1
cg05818532	TNRC18	0.0258508	0.150713	0.739892	-1.35155	0.0130208	0.547366	-1.82693	0.0186821	0.572612	-1.74638	0.286621	0.805387	-1.24164	0.0172296	0.566887	-1.76402	0.162119	0.7468	-1.33905	0.0102789	0.531207	-1.8825	0.0222613	0.585145	-1.70898	0.0110479	0.536108	-1.8653	4.30672	2.60955	0.5386	1
cg09828503	TNRC18	0.0261423	0.019282	0.627267	-1.59422	0.094539	0.738741	-1.35365	0.187539	1.25878	1.25878	0.580656	0.912161	-1.0963	0.00532549	0.546081	-1.83123	0.545411	1.10609	1.10609	0.0848576	1.36887	1.36887	0.532473	0.901062	-1.1098	0.17562	1.26782	1.26782	4.28988	1.84462	0.382216	1
cg03361346	TNRC18	0.0266522	0.228387	1.39262	1.39262	0.0023393	3.04312	3.04312	0.0418532	1.84863	1.84863	0.453892	1.22123	1.22123	0.903573	0.968749	-1.03226	0.220646	1.4012	1.4012	0.00357311	2.8121	2.8121	0.0868012	1.64129	1.64129	0.671423	1.11826	1.11826	4.26099	4.63122	0.966124	1
cg02639601	TNRC18	0.0288982	0.345467	0.688884	-1.45162	0.483197	1.31433	1.31433	0.15192	0.555015	-1.80175	0.80047	0.907431	-1.10201	0.0436955	0.410909	-2.43363	0.607755	0.819896	-1.21967	0.00196654	0.186752	-5.35469	0.182455	1.72068	1.72068	0.114727	1.9308	1.9308	4.14138	9.6496	2.07115	1
cg16238796	TNRC18	0.0290846	0.00722791	0.557276	-1.79444	0.0116894	1.70143	1.70143	0.253504	1.22282	1.22282	0.108429	0.744238	-1.34366	0.0902232	0.729823	-1.3702	0.971429	1.00606	1.00606	0.915854	1.01799	1.01799	0.94088	0.987566	-1.01259	0.225973	1.23921	1.23921	4.13197	1.86209	0.400582	1
cg19658444	TNRC18	0.036317	0.799245	1.07206	1.07206	0.0315689	0.502443	-1.99027	0.0240542	0.479642	-2.08489	0.129908	0.639767	-1.56307	0.00270663	0.322651	-3.09932	0.415323	1.25522	1.25522	0.825001	1.06233	1.06233	0.462815	0.815425	-1.22635	0.178763	0.677061	-1.47697	3.81566	4.50449	1.04936	1
cg14517056	TNRC18	0.0404824	0.136055	1.38988	1.38988	0.0259334	1.71923	1.71923	0.00434652	2.1837	2.1837	0.902406	0.975171	-1.02546	0.0756067	1.49984	1.49984	0.0267279	1.71259	1.71259	0.15483	1.36625	1.36625	0.969791	1.00779	1.00779	0.458511	0.856665	-1.16732	3.6669	2.43954	0.591365	1
cg05687083	TNRC18	0.0496779	0.0275939	0.504556	-1.98194	0.0881968	0.610153	-1.63893	0.0648783	0.580182	-1.7236	0.255163	0.732005	-1.36611	0.98704	0.995744	-1.00427	0.521719	0.843218	-1.18593	0.0915304	1.62894	1.62894	0.76346	0.923803	-1.08248	0.00771757	0.407067	-2.4566	3.39646	3.70938	0.970784	1
cg14981546	TNRC18;TNRC18	0.0407974	0.283121	0.606392	-1.6491	0.00647854	4.89187	4.89187	0.00474146	5.37887	5.37887	0.334549	0.639922	-1.56269	0.799965	1.12063	1.12063	0.748976	1.15489	1.15489	0.839389	1.0953	1.0953	0.520366	0.746575	-1.33945	0.662958	1.21739	1.21739	3.65642	11.6512	2.83245	1
cg00295744	TNRC4	0.00763385	0.00270998	0.50101	-1.99597	0.0965334	1.35584	1.35584	0.0348482	1.50732	1.50732	0.872995	0.973662	-1.02705	0.00772188	0.564969	-1.77001	0.17234	0.78478	-1.27424	0.118359	0.75361	-1.32695	0.00982287	0.580103	-1.72383	0.739152	1.05734	1.05734	6.43821	2.83842	0.391886	1
cg03991120	TNRC4	0.0108401	0.0622802	0.519338	-1.92553	0.105752	1.73614	1.73614	0.0564009	1.96294	1.96294	0.329988	1.36868	1.36868	0.898563	0.960965	-1.04062	0.173299	0.636125	-1.57202	0.00808652	0.346832	-2.88324	0.00280912	3.61563	3.61563	0.510073	1.23197	1.23197	5.75961	8.89139	1.37222	1
cg06221680	TNRC4	0.0111976	0.0865132	0.769601	-1.29937	0.740859	1.04697	1.04697	0.250976	0.847134	-1.18045	0.851576	0.974426	-1.02624	0.268883	1.17265	1.17265	0.0939125	0.775108	-1.29014	0.000633078	0.483761	-2.06714	0.79353	0.964372	-1.03694	0.0190147	1.48097	1.48097	5.69971	1.7268	0.269301	1
cg11157584	TNRC4	0.0119457	0.00789387	0.547802	-1.82548	0.0697104	1.43082	1.43082	0.0396284	1.52233	1.52233	0.213705	0.79355	-1.26016	0.043664	0.663915	-1.50622	0.329694	0.83723	-1.19442	0.0217266	1.62676	1.62676	0.23835	1.24374	1.24374	0.0725477	0.701975	-1.42455	5.58169	2.75744	0.439124	1
cg06894651	TNRC4;TNRC4	0.000161557	0.00647555	0.610008	-1.63932	0.254009	0.846764	-1.18097	0.159665	0.810725	-1.23346	0.385811	0.883247	-1.13219	0.118636	0.789345	-1.26687	0.55201	0.919412	-1.08765	1.47E-06	0.181496	-5.50975	0.309828	0.863506	-1.15807	0.00253071	0.556939	-1.79553	19.4633	6.01089	0.274517	1
cg01436550	TNRC6A	0.000176127	0.123613	0.787321	-1.27013	0.00232828	1.83966	1.83966	0.543758	0.915661	-1.09211	0.000642863	2.11909	2.11909	0.00802513	0.614457	-1.62745	0.968854	1.00561	1.00561	0.533937	0.913638	-1.09453	8.88E-06	3.98012	3.98012	0.792561	0.962916	-1.03851	19.0145	6.19063	0.289399	1
cg27078729	TNRC6A	0.00121802	0.0110832	0.738448	-1.35419	0.00447873	0.69713	-1.43445	0.00212088	0.662873	-1.50858	0.179411	0.873061	-1.1454	0.000129836	0.531098	-1.88289	0.0598727	0.81701	-1.22398	0.0180821	1.31431	1.31431	0.10742	0.84598	-1.18206	0.0105746	0.736304	-1.35813	11.1244	1.59649	0.127567	1
cg01560476	TNRC6A	0.00179186	0.0200327	0.630097	-1.58706	0.00368487	0.524114	-1.90798	0.285435	1.20034	1.20034	0.546415	1.10568	1.10568	0.00235124	0.497288	-2.01091	0.0381301	0.673298	-1.48523	0.00121371	0.458602	-2.18054	0.00541591	1.82654	1.82654	0.873354	1.0266	1.0266	9.95486	4.27085	0.381353	1
cg01155522	TNRC6A	0.0141072	0.906276	0.990335	-1.00976	0.000863725	1.51041	1.51041	0.338387	1.08478	1.08478	0.0185709	0.790292	-1.26535	0.0281086	1.23843	1.23843	0.146542	1.13712	1.13712	0.905221	1.00987	1.00987	0.586609	1.04631	1.04631	0.980542	0.997991	-1.00201	5.28661	0.56927	0.0957168	1
cg16792948	TNRC6A	0.0171034	0.00879796	0.454119	-2.20207	0.00325583	0.386991	-2.58404	0.0420442	0.574457	-1.74077	0.0291356	0.544239	-1.83743	0.957319	1.01274	1.01274	0.0861139	0.638442	-1.56631	0.29228	1.29504	1.29504	0.243128	1.3351	1.3351	0.900785	0.970919	-1.02995	4.95941	4.39779	0.788229	1
cg08083403	TNRC6A	0.0197514	0.0697555	0.75883	-1.31782	0.00217231	1.79573	1.79573	0.017581	1.48162	1.48162	0.0939223	0.778303	-1.28485	0.695796	1.05493	1.05493	0.682381	0.945548	-1.05759	0.144581	1.23769	1.23769	0.538946	1.08834	1.08834	0.442509	1.11244	1.11244	4.72459	1.38563	0.260694	1
cg03156546	TNRC6A	0.0260469	0.0193913	0.195659	-5.11092	0.0419779	0.258591	-3.8671	0.0101888	0.154162	-6.48668	0.523757	0.688749	-1.45191	0.0458614	0.266923	-3.7464	0.0530331	0.281188	-3.55634	0.00728602	0.135709	-7.3687	0.538943	1.43189	1.43189	0.0464808	0.268209	-3.72843	4.29536	22.656	4.68847	1
cg09657673	TNRC6A	0.0401394	0.105986	0.667872	-1.49729	0.530707	0.864856	-1.15626	0.0323666	0.563943	-1.77323	0.857124	0.959636	-1.04206	0.0335162	0.566755	-1.76443	0.0582333	0.613028	-1.63125	0.0310711	0.560668	-1.78359	0.0723395	1.58166	1.58166	0.0366921	0.574104	-1.74184	3.67842	3.0451	0.735848	1
cg04508233	TNRC6A	0.0475465	0.540881	1.18566	1.18566	0.333984	1.3154	1.3154	0.290272	0.739379	-1.35249	0.00205231	0.302728	-3.3033	0.902021	0.966685	-1.03446	0.837761	0.945156	-1.05803	0.0275371	0.488201	-2.04834	0.637665	1.13941	1.13941	0.514418	0.833695	-1.19948	3.45333	4.13948	1.06551	1
cg08844988	TNRC6A;TNRC6A	0.0179771	0.325539	0.859356	-1.16366	0.172373	1.24217	1.24217	0.528168	0.908987	-1.10013	0.813856	1.03584	1.03584	0.337109	0.862635	-1.15924	0.290131	1.17813	1.17813	0.000719596	0.46373	-2.15643	0.317548	0.857046	-1.1668	0.0576467	1.37784	1.37784	4.87722	1.72203	0.313846	1
cg21034183	TNRC6B	0.000361479	0.00142861	0.41864	-2.38869	0.208361	1.28452	1.28452	0.00712064	0.518813	-1.92748	0.762092	0.944295	-1.05899	0.000105299	0.2744	-3.64431	0.233809	0.790074	-1.2657	3.25E-05	0.217687	-4.59375	0.152639	0.748872	-1.33534	0.00738927	0.521233	-1.91853	15.63	8.82142	0.501681	1
cg01949902	TNRC6B	0.00300147	0.61754	1.06593	1.06593	0.275065	0.865864	-1.15492	0.00610363	1.57458	1.57458	0.00438746	0.617235	-1.62013	0.0195892	0.699261	-1.43008	0.343116	1.13187	1.13187	0.000535582	0.504937	-1.98044	0.732828	0.957471	-1.04442	0.0626777	0.76669	-1.30431	8.55691	2.18011	0.226469	1
cg08758916	TNRC6B	0.0277251	0.0550192	2.02225	2.02225	0.658807	0.866032	-1.15469	0.98685	1.00535	1.00535	0.30725	1.40791	1.40791	0.357169	1.35868	1.35868	0.00366114	0.280275	-3.56793	0.0140818	0.374951	-2.66701	0.893616	0.957617	-1.04426	0.40384	1.31849	1.31849	4.20235	6.97286	1.47491	1
cg04776122	TNRC6B	0.0304735	0.795817	1.06197	1.06197	0.541066	1.15426	1.15426	0.000784566	3.24544	3.24544	0.982218	0.994846	-1.00518	0.133081	0.686794	-1.45604	0.919032	0.976701	-1.02386	0.698283	0.913643	-1.09452	0.210189	0.736267	-1.3582	0.551852	0.869739	-1.14977	4.06415	3.46019	0.756795	1
cg11509269	TNRC6B	0.0419029	0.0842306	0.317427	-3.15033	0.557519	1.42809	1.42809	0.297534	1.91313	1.91313	0.82052	0.872399	-1.14626	0.0300917	0.216027	-4.62906	?	?	?	0.00754185	0.126791	-7.88699	0.0478578	0.256926	-3.89217	0.148292	0.393959	-2.53833	3.67662	18.6778	5.08016	1
cg01381829	TNRC6B;TNRC6B;TNRC6B	0.00233381	0.194651	0.697025	-1.43467	0.0855172	1.6488	1.6488	0.950838	1.01635	1.01635	0.00134534	3.40568	3.40568	0.792726	0.933063	-1.07174	0.426581	1.23809	1.23809	0.0294498	0.509345	-1.96331	0.000483404	4.21975	4.21975	0.00449064	2.70909	2.70909	9.21647	10.1026	0.974357	1
cg25276892	TNRC6B;TNRC6B;TNRC6B	0.0183724	0.301113	0.652463	-1.53265	0.0182181	3.13427	3.13427	0.0887234	2.11345	2.11345	0.05666	2.36273	2.36273	0.329815	0.66979	-1.49301	0.714294	1.15782	1.15782	0.0236473	0.34069	-2.93522	0.0140982	3.34529	3.34529	0.0496365	2.4414	2.4414	4.84164	12.1797	2.23609	1
cg04136484	TNRC6B;TNRC6B;TNRC6B	0.0341426	0.669405	0.916086	-1.0916	0.254279	1.27496	1.27496	0.239406	1.28582	1.28582	0.110226	1.42649	1.42649	0.362714	0.826217	-1.21034	0.987491	0.996806	-1.0032	0.2713	1.26326	1.26326	0.000796765	2.81118	2.81118	0.242423	1.28357	1.28357	3.90194	2.57329	0.586213	1
cg24207009	TNRC6C;TNRC6C	3.82E-05	0.292471	1.15771	1.15771	8.87E-06	3.6397	3.6397	4.08E-06	4.19045	4.19045	0.0488881	1.35196	1.35196	0.689458	1.05533	1.05533	0.00582212	0.616185	-1.62289	0.0463386	0.736375	-1.358	0.979784	1.0034	1.0034	0.223574	0.842438	-1.18703	28.5734	8.13586	0.253098	1
cg15744368	TNRC6C;TNRC6C	7.47E-05	0.816575	1.04211	1.04211	1.18E-06	0.107158	-9.33205	0.0018241	0.455433	-2.19571	0.398975	1.16568	1.16568	0.0661093	1.44194	1.44194	0.212311	0.791969	-1.26268	0.0533326	1.47653	1.47653	0.323496	1.19846	1.19846	0.430292	0.866819	-1.15364	23.9348	11.9482	0.443731	1
cg22094953	TNRC6C;TNRC6C	0.00738827	0.250119	0.740265	-1.35087	0.547313	1.16462	1.16462	0.467186	0.830991	-1.20338	0.0166712	0.481232	-2.078	0.000118965	0.185527	-5.39004	0.983376	0.9948	-1.00523	0.133849	0.667253	-1.49868	0.953545	0.985527	-1.01469	0.289787	0.759613	-1.31646	6.50541	6.45092	0.881567	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	df
cg05478790	TNRC6C;TNRC6C	0.0221717	0.629869	0.865612	-1.15525	1.00916393	0.373977	-2.67396	0.882241	0.956083	-1.04504	1.01071551	0.467189	-2.05293	0.03708443	0.355525	-2.81274	0.147733	0.630275	-1.58661	0.00522233	0.3346	-2.98864	0.0733306	0.552396	-1.8103	0.0254877	0.45429	-2.20124	4.54181	6.354	1.24356	1
cg15661240	TNRC6C;TNRC6C	0.0302998	0.401202	0.822607	-1.21565	0.452375	0.84036	-1.18997	0.0356711	0.573707	-1.74305	0.626964	0.894664	-1.11774	0.00349188	0.406311	-2.46117	0.014177	0.502687	-1.98931	0.162853	0.712798	-1.40292	0.18231	0.724925	-1.37945	0.00683377	0.451016	-2.21722	4.07242	3.33131	0.727127	1
cg01880908	TNRC6C;TNRC6C	0.0322339	0.163879	0.721229	-1.38652	0.0138724	1.95189	1.95189	0.494351	1.16493	1.16493	0.351598	0.809871	-1.23476	0.0865285	0.659351	-1.51664	0.93133	0.982129	-1.01914	0.00497939	2.26541	2.26541	0.662605	1.1014	1.1014	0.573801	0.88248	-1.13317	3.98348	3.05294	0.681245	1
cg27578805	TNRC6C;TNRC6C	0.0365114	0.204483	1.38429	0.232761	1.35511	1.35511	1.35511	0.0992674	1.55091	1.55091	0.0254031	1.90646	1.90646	0.340991	1.08388	1.08388	0.609709	0.907466	-1.10107	0.0646371	1.65542	1.65542	0.0039383	2.56521	2.56521	0.0111868	2.16428	2.16428	3.80825	3.55736	0.830326	1
cg05736847	TNRC6C;TNRC6C	0.0378099	0.720804	0.896474	-1.11548	0.844893	0.166145	1.06146	0.386291	0.764393	-1.06146	0.0756425	0.388291	-1.30423	0.0178867	0.4178	0.00795825	0.354832	-2.81823	0.020179	0.426043	-2.34718	0.0195975	0.423651	-2.36043	0.165388	1.56923	1.56923	0.821947	0.933661	-1.07105	3.76002	5.5227	1.30559	1
cg18542853	TNRC6C;TNRC6C	0.0409963	0.602094	0.894569	-1.11796	0.544779	1.18716	1.18716	0.0974899	1.66359	1.66359	0.128288	1.58435	1.58435	0.0115099	0.412837	-2.42226	0.268068	0.723456	-1.38225	0.329194	0.754371	-1.32561	0.301729	1.34916	1.34916	0.0323155	0.495858	-2.0167	3.38823	4.20432	1.10299	1
cg12731010	TNRC6C;TNRC6C	0.0067855	0.746167	0.943078	-1.06036	0.00375441	2.02574	2.02574	0.239543	1.24886	1.24886	0.0766546	1.42665	1.42665	0.124058	0.74043	-1.35057	0.000896973	0.407769	-2.45237	0.955798	0.990048	-1.01005	0.12894	1.34456	1.34456	0.777973	1.05233	1.05233	6.68169	3.44556	0.458375	1
cg09839492	TNRC6C;TNRC6C	0.0076216	0.140813	1.40161	0.695633	1.02607	1.06207	1.06207	0.0114283	1.65775	1.65775	0.000367049	2.56554	2.56554	0.052605	1.43861	1.43861	0.562267	1.00722	1.00722	0.216872	1.23801	1.23801	0.94125	0.853029	-1.17367	0.0320343	1.514	1.514	5.95625	2.57196	0.38383	1
cg12338137	TNRC6C;TNRC6C	0.0210708	0.020563	1.102521	-0.76163	0.385373	0.626439	-1.59632	0.00587911	0.551424	-1.60399	0.0206948	0.2618	-3.8197	0.043121	0.296097	-3.37727	0.242484	0.526995	-1.89755	0.0244749	0.135123	-7.40008	0.966086	0.977981	-1.02255	0.0109623	0.187921	-5.32139	7.85122	25.1122	3.86067	1
cg02057716	TNS1	0.01801	0.0382016	0.552057	-1.81141	0.00780846	0.429753	-2.32692	0.00521448	0.401884	-2.48828	0.0465964	0.569165	-1.75696	0.785596	0.934787	-1.06976	0.203675	0.717627	-1.39348	0.00338723	0.373305	-2.67878	0.0337947	0.54174	-1.8459	0.135177	0.671471	-1.48927	4.87422	4.72162	0.861061	1
cg04152994	TNS1	0.0360289	0.099226	0.774115	-1.29161	0.0846112	0.437981	-2.28374	0.0178116	0.518529	0.886523	-1.12788	0.230667	1.2607	0.0398843	1.15515	0.865915	0.157855	1.32076	1.32076	0.0473121	2.28132	2.28132	0.932049	0.987585	-1.01265	0.0170152	0.931515	-1.07352	3.82672	2.0572	0.479758	1
cg14214165	TNS1	0.0378024	0.680634	1.68036	0.639187	1.13066	1.13066	1.13066	0.360484	0.778984	-1.28372	0.52251	0.841816	-1.18791	0.0761951	0.592046	-1.68909	0.734229	0.783756	-1.27596	0.0923314	0.558252	2.28565	2.28565	0.0983114	1.52582	1.52582	0.3415358	1.25508	1.25508	3.98574	3.17524	0.797676	1
cg25037396	TNS1	0.0039667	0.107437	0.743916	-1.34424	0.214708	0.802586	-1.24597	0.213939	1.24648	1.24648	0.2022	1.25447	1.25447	0.000552997	0.405489	2.46616	0.0258544	0.640517	-1.56124	0.00310133	1.97646	1.97646	0.54238	-1.901376	-1.10941	0.306688	0.836791	-1.19504	7.87262	5.3347	0.3991	1
cg02258698	TNS1	0.0040838	0.00475664	0.150079	-6.66315	0.00529367	0.0651804	-15.3574	0.132748	0.652354	-1.53262	0.0862502	0.383304	-2.6089	0.057973	0.31814	-2.95735	0.0470402	0.645634	-1.55003	0.119748	0.425696	-2.34911	0.01288	0.20965	-4.76988	0.780582	31.6346	3.60345	1
cg21160357	TNS1	0.0049256	0.0655131	0.693077	-1.44293	0.0022434	0.197116	-5.07126	0.0110552	0.523823	0.824069	0.252693	1.03575	1.03575	0.125896	0.734726	-1.36126	0.0308568	0.182749	-5.47204	0.0244661	0.737001	1.35727	1.35727	0.0244661	1.86122	1.86122	0.0690106	0.615113	-1.62572	3.70944	6.71311	0.809997	1
ch.7.11009097	TNS1	0.0131211	0.00836598	0.112836	-8.86239	0.00514607	0.0912725	-10.9562	0.0346938	0.20287	-4.92926	0.0206582	0.164379	-6.0835	0.0331263	0.991121	-5.02208	0.0669366	0.264324	-3.78324	0.198015	0.414182	-2.4144	0.433308	0.595935	-1.67871	0.152849	0.370865	-2.6964	4.02461	26.7551	5.90923	1
cg06143156	TNS1	0.0013553	0.0074316	0.141982	-7.04161	0.0029757	0.0127589	-7.86506	0.111647	0.648625	-1.54207	0.0178252	0.0150254	-6.65604	0.0042188	0.238737	-4.18853	0.0269078	0.178682	-5.59604	0.0110504	0.439388	2.26446	2.26446	0.0123535	1.56056	1.56056	0.0681098	0.851464	0.851464	2.10945	6.84829	4.93402	2.13169	1
cg01103207	TNS1	0.0349546	0.052529	0.521117	-1.91895	0.16851	1.54614	1.54614	0.626951	1.15583	1.15583	0.181308	0.657317	-1.52134	0.0907376	0.35449	-2.82049	0.535727	1.20398	1.20398	0.0384143	2.03246	2.03246	0.369742	1.31305	1.31305	0.301457	1.728666	-1.37237	3.86895	5.35672	1.2307	1
cg05638589	TNS1	0.0051883	0.0158862	0.295554	-3.38355	0.0144007	0.0388885	-6.25292	0.0110552	0.523823	0.824069	0.252693	1.03575	1.03575	0.125896	0.734726	-1.36126	0.0308568	0.182749	-5.47204	0.0244661	0.737001	1.35727	1.35727	0.0244661	1.86122	1.86122	0.0690106	0.615113	-1.62572	3.70944	6.71311	0.809997	1
cg21027052	TNS1	0.0450607	0.721761	0.858111	-1.16535	0.193565	0.555034	-1.80169	0.226914	0.581054	-1.72101	0.747647	0.870968	-1.14815	0.007208	0.226695	-4.41121	0.566881	0.800758	-1.24907	0.0906319	0.741987	1.43988	1.43988	0.0129535	1.36056	1.36056	0.0681098	0.851464	0.851464	2.10945	6.84829	4.93402	2.13169	1
cg04479411	TNS13	0.0099614	0.246802	0.749964	-1.3334	0.670072	1.10719	1.10719	0.583553	0.86725	-1.14058	0.150329	1.44241	1.44241	0.226902	0.739768	1.35178	0.695972	0.910919	-1.09779	0.00342882	0.933383	1.07348	1.07348	0.0372424	1.77624	1.77624	0.237785	0.745416	1.34153	5.91787	2.9906	0.794671	1
cg08398005	TNS13	0.0122663	0.4823353	1.36439	1.36439	0.0095479	4.1715	4.1715	0.217426	1.75884	1.75884	0.0606658	0.398395	-2.51007	0.797367	1.1184	1.11847	0.310053	1.57946	1.57946	0.00553688	4.88521	4.88521	0.00234031	6.34994	6.34994	0.697376	0.843627	-1.18536	5.53391	16.5957	2.6657	1
cg02758232	TNS13	0.0258324	0.5359774	1.45837	1.45837	0.0338644	2.54646	2.54646	0.0346344	1.72611	1.72611	0.159424	1.94798	1.94798	0.0479318	2.32787	2.32787	0.609722	0.903632	-1.10668	0.0201202	1.23501	1.23501	0.0154142	1.65781	1.65781	0.0524401	1.602322	1.602322	1.48751	5.26584	4.2302	0.545388	1
cg05794556	TNS13	0.0162546	0.726581	1.11121	1.11121	0.830732	1.06641	1.06641	0.0384675	0.488623	-2.05498	0.454538	1.22653	1.22653	0.224837	0.43996	-2.27294	0.248993	1.4361	1.4361	0.395207	1.29894	1.29894	0.00159551	3.89838	3.89838	0.122613	1.65286	1.65286	5.04441	7.20805	1.27015	1
cg10009764	TNS13	0.323484	0.1158641	1.44434	1.44434	0.0338644	2.54646	2.54646	0.0346344	1.72611	1.72611	0.159424	1.94798	1.94798	0.0479318	2.32787	2.32787	0.158643	1.48481	1.48481	0.363132	1.27607	1.27607	0.363132	1.27607	1.27607	0.363132	1.27607	1.27607	1.27607	1.27607	1.27607	1.27607	1
cg24661184	TNS13	0.0178154	0.0536231	0.517397	-1.93275	0.0960709	0.577239	-1.73239	0.0611455	0.530244	-1.88592	0.339047	1.34486	1.34486	0.00171885	0.260484	3.839	0.151831	0.630256	-1.58666	0.044735	1.99926	1.99926	0.957552	-1.01613	1.01613	0.229454	1.684441	1.46305	4.89205	7.00406	1.27264	1
cg25835019	TNS13	0.0179965	0.0159859	0.587195	-1.70301	0.437322	0.86474	-1.15375	0.137409	0.749174	-1.3348	0.656751	0.92241	-1.08409	0.0852844	0.514948	-1.94194	0.75778	0.945694	-1.05742	0.0107313	1.77719	1.77719	0.883167	1.0269	1.0269	0.0415977	0.654389	-1.52814	4.87544	2.51575	0.45867	1
cg07395763	TNS13	0.01923227	0.00371	0.0911	-10.9756	0.0178355	0.0727227	-12.9468	0.0677216	0.357904	-2.79405	0.429325	0.6654	-1.50287	0.0178355	0.12899	-7.75498	0.0077365	0.0794	-12.5906	0.0113704	0.234255	-4.26885	0.128834	0.43918	-2.27593	0.138315	0.466541	-2.22449	4.76297	18.7953	3.53444	2
cg18335223	TNS13	0.2228638	0.2462823	0.662941	-1.50843	0.0884177	1.89288	1.89288	0.0941679	1.8676	1.8676	0.154733	1.67699	1.67699	0.0354768	0.435587	2.29576	0.636426	0.850754	-1.17543	0.0235325	0.399253	-2.50468	0.0311254	2.93832	2.93832	0.96581	1.08555	-1.01466	4.49405	8.20122	1.62214	1
cg04879211	TNS13	0.0745351	0.0743516	0.614146	-1.62804	0.0609707	0.675389	-1.48034	0.0726006	0.432024	-2.31524	0.812143	0.9677339	-1.03351	0.0547076	0.302782	-3.30235	0.659078	0.7435	-1.34535	0.0665823	1.50225	1.50225	0.0756529	1.92105	1.92105	0.0756529	1.92105	1.92105	1.92105	1.92105	1.92105	1.92105	1
cg01899074	TNS13	0.0280997	0.0379203	0.555632	-1.80009	0.0263787	0.0655804	-15.2432	0.119748	0.625163	-1.59955	0.0825362	0.383304	-2.6089	0.057973	0.31814	-2.95735	0.0470402	0.645634	-1.55003	0.119748	0.425696	-2.34911	0.01288	0.20965	-4.76988	0.780582	31.6346	3.60345	1
ch.7.11009097	TNS13	0.0131211	0.00836598	0.112836	-8.86239	0.00514607	0.0912725	-10.9562	0.0346938	0.20287	-4.92926	0.0206582	0.164379	-6.0835	0.0331263	0.991121	-5.02208	0.0669366	0.264324	-3.78324	0.198015	0.414182	-2.4144	0.433308	0.595935	-1.67871	0.152849	0.370865	-2.6964	4.02461	26.7551	5.90923	1
cg06143156	TNS13	0.0241516	0.0074316	0.141982	-7.04161	0.0029757	0.0127589	-7.86506	0.111647	0.648625	-1.54207	0.0178252	0.0150254	-6.65604	0.0042188	0.238737	-4.18853	0.0269078	0.178682	-5.59604	0.0110504	0.439388	2.26446	2.26446	0.0123535	1.56056	1.56056	0.0681098	0.851464	0.851464	2.10945	6.84829	4.93402	2.13169	1
cg01033207	TNS13	0.0349546	0.052529	0.521117	-1.91895	0.16851	1.54614	1.54614	0.626951	1.15583	1.15583	0.181308	0.657317	-1.52134	0.0907376	0.35449	-2.82049	0.535727	1.20398	1.20398	0.0384143	2.03246	2.03246	0.369742	1.31305	1.31305	0.301457	1.728666	-1.37237	3.86895	5.35672	1.2307	1
cg05638589	TNS13	0.0051883	0.0158862	0.295554	-3.38355	0.0144007	0.0388885	-6.25292	0.0110552	0.523823	0.824069	0.252693	1.03575	1.03575	0.125896	0.734726	-1.36126	0.0308568	0.182749	-5.47204	0.0244661	0.737001	1.35727	1.35727	0.0244661	1.86122	1.86122	0.0690106	0.615113	-1.62572	3.70944	6.71311	0.809997	1
cg21027052	TNS13	0.0450607	0.721761	0.858111	-1.16535	0.193565	0.555034	-1.80169	0.226914	0.581054	-1.72101	0.747647	0.870968	-1.14815	0.007208	0.226695	-4.41121	0.566881	0.800758	-1.24907	0.0906319	0.741987	1.43988	1.43988	0.0129535	1.36056	1.36056	0.0681098	0.851464	0.851464	2.10945	6.84829	4.93402	2.13169	1
cg04479411	TNS13	0.0099614	0.246802	0.749964	-1.3334	0.670072	1.10719	1.10719	0.583553	0.86725	-1.14058	0.150329	1.44241	1.44241	0.226902	0.739768	1.35178	0.695972	0.910919	-1.09779	0.00342882	0.933383	1.07348	1.07348	0.0372424	1.77624	1.77624	0.237785	0.745416	1.34153	5.91787	2.9906	0.794671	1
cg08398005	TNS13	0.0122663	0.4823353	1.36439	1.36439	0.0095479	4.1715	4.1715	0.217426	1.75884	1.75884	0.0606658	0.398395	-2.51007	0.797367	1.1184	1.11847	0.310053	1.57946	1.57946	0.00553688	4.88521	4.88521	0.00234031	6.34994	6.34994	0.697376	0.843627	-1.18536	5.53391	16.5957	2.6657	1
cg02758232	TNS13	0.0258324	0.5359774	1.45837	1.45837	0.0338644	2.54646	2.54646	0.0346344	1.72611	1.72611	0.159424	1.94798	1.94798	0.0479318	2.32787	2.32787	0.609722	0.903632	-1.10668	0.0201202	1.23501	1.23501	0.0154142	1.65781	1.65781	0.0524401	1.602322	1.602322	1.48751	5.26584	4.2302	0.545388	1
cg05794556	TNS13	0.0162546	0.726581	1.11121	1.11121	0.830732	1.06641	1.06641	0.0384675	0.488623	-2.05498	0.454538	1.22653	1.22653	0.224837	0.43996	-2.27294	0.248993	1.4361	1.4361	0.395207	1.29894	1.29894	0.00159551	3.89838	3.89838	0.122613	1.65286	1.65286	5.04441	7.20805	1.27015	1
cg10009764	TNS13	0.323484	0.1158641	1.44434	1.44434	0.0338644	2.54646	2.54646	0.0346344	1.72611	1.72611	0.159424	1.94798	1.94798	0.0479318	2.32787	2.32787	0.158643	1.48481	1.48481	0.363132	1.27607	1.27607	0.363132	1.27607	1.27607	0.363132	1.27607	1.27607	1.27607	1.27607	1.27607	1.27607	1
cg24661184	TNS13	0.0178154	0.0536231	0.517397	-1.93275	0.0960709	0.577239	-1.73239	0.0611455	0.530244	-1.88592	0.339047	1.34486	1.34486	0.00171885	0.260484	3.839	0.151831	0.630256	-1.58666	0.044735	1.99926	1.99926	0.957552	-1.01613	1.01613	0.229454	1.684441	1.46305	4.89205	7.00406	1.27264	1
cg25835019	TNS13	0.0179965	0.0159859	0.587195	-1.70301	0.437322	0.86474	-1.15375	0.137409	0.749174	-1.3348	0.656751	0.92241	-1.08409	0.0852844	0.514948	-1.94194	0.75778	0.945694	-1.05742	0.0107313	1.77719	1.77719	0.883167	1.0269	1.0269	0.0415977	0.654389	-1.52814	4.87544	2.51575	0.45867	1
cg07395763	TNS13	0.01923227	0.00371	0.0911	-10.9756	0.0178355	0.0727227	-12.9468	0.0677216	0.357904	-2.79405	0.429325	0.6654	-1.50287	0.0178355	0.12899	-7.75498	0.0077365	0.0794	-12.5906	0.0113704	0.234255	-4.26885	0.128834	0.43918	-2.27593	0.138315	0.466541	-2.22449	4.76297	18.7953	3.53444	2
cg18335223	TNS13	0.2228638	0.2462823	0.662941	-1.50843	0.0884177	1.89288	1.89288	0.0941679	1.8676	1.8676	0.154733	1.67699	1.67699	0.0354768	0.435587	2.29576	0.636426	0.850754	-1.17543	0.0235325	0.399253	-2.50468	0.0311254	2.93832	2.93832	0.96581	1.08555	-1.01466	4.49405	8.20122	1.62214	1
cg04879211	TNS13	0.0745351	0.0743516	0.614146	-1.62804	0.0609707	0.675389	-1.48034	0.0726006	0.432024	-2.31524	0.812143	0.9677339	-1.03351	0.0547076	0.302782	-3.30235	0.659078	0.7435	-1.34535	0.0665823	1.50225	1.50225	0.0756529	1.92105	1.92105	0.0756529	1.92105	1.92105	1.92105	1.92105	1.92105	1.92105	1
cg21160357	TNS13	0.0049256	0.0655131	0.693077	-1.44293	0.0022434	0.197116	-5.07126	0.0110552	0.523823	0.824069	0.252693	1.03575	1.03575	0.125896	0.734726	-1.36126	0.0308568	0.182749	-5.47204	0.0244661	0.737001	1.35727	1.35727	0.0244661	1.86122	1.86122	0.0690106	0.615113	-1.62572	3.70944	6.71311	0.809997	1
cg14640832	TNS13	0.0058797	0.2504073	0.784304	-1.27502	0.0021477	0.418092	-2.39182	0.0131835	0.53701	-1.86216	0.84804	1.02997	1.02997	0.000931886	0.36715	-2.72369	0.566	0.889244	-1.12455	0.0406344	1.61327	1.61327	0.116297	0.70801	-1.41241	0.133363	0.720662	-1.38761	6.97598	4.52255	0.576269	1
cg08367732	TNS13	0.0085754	0.373225	0.816188	-1.22521	0.0409167	0.0737	1.0737	0.0437469	0.607747	-1.65632	0.820898	0.8329349	-1.20067	0.0013818	0.353551	-2.82846	0.694198	1.09177	1.09177	0.0160695	1.91008	1.91008	0.0393372	2.02455	2.02455	0.0388445	-1.12759	0.0042909	0.427376	4.88551	0.690939	1
cg24499413	TNS13	0.0099617	0.246802	0.749964	-1.3334	0.670072	1.10719	1.10719	0.583553	0.86725	-1.14058	0.150329	1.44241	1.44241	0.226902	0.739768	1.35178	0.695972	0.910919	-1.09779	0.00342882	0.933383	1.07348	1.07348	0.0372424	1.77624	1.77624	0.237785	0.745416	1.34153	5.91787	2.9906	0.794671	1
cg08398005	TNS13	0.0122663	0.4823353	1.36439	1.36439	0.0095479	4.1715	4.1715	0.217426	1.75884	1.75884	0.0606658	0.398395	-2.51007	0.797367	1.1184	1.11847	0.310053	1.57946	1.57946	0.00553688	4.88521	4.88521	0.00234031	6.34994	6.34994	0.697376	0.843627	-1.18536	5.53391	16.5957	2.6657	1
cg02758232	TNS13	0.0258324	0.5359774	1.45837	1.45837	0.0338644	2.54646	2.54646	0.0346344	1.72611	1.72611	0.159424	1.94798	1.94798	0.0479318	2.32787	2.32787	0.609722	0.903632	-1.10668	0.0201202	1.23501	1.23501	0.0154142	1.65781	1.65781	0.0524401	1.602322	1.602322	1.48751	5.26584	4.2302	0.545388	1
cg05794556	TNS13	0.0162546	0.726581	1.11121	1.11121	0.830732	1.06641	1.06641	0.0384675	0.488623	-2.05498	0.454538	1.22653	1.22653	0.224837	0.43996	-2.27294	0.248993	1.4361	1.4361	0.395207	1.29894	1.29894	0.00159551	3.89838	3.89838	0.122613	1.65286	1.65286	5.04441	7.20805	1.27015	1
cg10009764	TNS13	0.323484	0.1158641	1.44434	1.44434	0.0338644	2.54646	2.54646	0.0346344	1.72611	1.72611	0.159424	1.94798	1.94798	0.0479318	2.32787	2.32787	0.158643	1.48481	1.48481	0.363132	1.27607	1.27607	0.363132	1.27607	1.27607	0.363132	1.27607	1.27607	1.27607	1.27607	1.27607	1.27607	1
cg08640930	TNS14	0.0001196	0.0007416	0.047069	-2.45659	0.352722	0.845536	-1.18268	0.000126476	0.310122	-3.22454	0.000742366	0.407125	-2.45625	5.18E-05	0.264877	-3.77534	0.0002192	0.339305	2.9472	0.517677	1.12196	1.12196	0.008179	1.81082	1.81082	0.0644509	0.694561	-1.43976	21.1024	10.2888	0.43339	1
cg02104011	TNS14	0.0054767	0.1100607	0.883576	-1.13182	0.0384644	0.154546	-1.76452	0.0126	0.484635	-2.06447	0.0176542	0.1225	-3.13215	0.111938	0.8925	-1.12045	0.0697202	0.903632	-1.10668	0.0201202	1.23501	1.23501	0.0154142	1.65781	1.65781	0.0524401	1.602322	1.602322	1.48751	5.26584	4.2302	0.545388	1
cg08696192	TNS14	0.0008494	0.739386	1.0411	1.0411	0.0603706	0.774532	-1.2911	0.0081169	0.465873	-2.14651	0.00799783	0.663631	-1.50686	0.217795	1.16929	1.16929	0.000160579	0.459469	-2.17642	0.0546765	1.30073	1.30073	0.130643	2.82161	-1.21764	0.0717017	0.784603	-1.27453	12.1806	2.80728	0.204864	1
cg25936301	TNS14	0.0014578	0.0045357	0.961443	-1.04012	0.622702	1.10523	1.10523	0.0106	0.175875	-5.68766	0.50206	1.15151	1.15151	0.0541924	1.0938	1.09381	0.0001748	0.379584	2.63425	0.136152	1.7807	1.7807	0.0139556	2.56423	2.56423	0.0155658	2.56423	2.56423	2.56423	2.56423	2.56423	2.56423	1
cg15379402	TNS14	0.14163	0.749157	-1.33481	0.0454513	1.52084	1.52084	1.52084	0.00916031	0.54618	-1.8309	0.874844	0.9716066	-1.02922	0.00225182	0.457775	2.18449	0.111972	0.734113	-1.36219	0.00931762	0.647297	-1.82716	0.023557	0.610073	-1.63915	0.5715113	0.900783	-1.11015	5.96715	1.51606	0.470138	1
cg09303236	TNS14	0.0155092	0.913014	0.970052	-1.03087	0.648612	0.100846	-9.91207	0.0238197	0.361986	-2.76254	0.50636	1.30644	1.30644	0.0331251	1.324851	-1.07833	0.502265	0.827396	-1.20861	0.0310377	1.77119	1.77119	0.883167	1.0269	1.0269	0.0415977	0.654389	-1.52814	4.87544	2.51575	0.45867	1
cg20468691	TNS14	0.0148027	0.2109577	0.7	0.7	0.0555112	0.7	0.7	0.0555112	0.7	0.7	0.0555112	0.7	0.7	0.0555112	0.7	0.7	0.0763193	1.64618	1.64618	0.16947	2.12174	2.12174	0.0458841	2.8001	2.8001	0.0309882	0.70726	-1.41391	4.81357	0.93196	0.193196	1
cg06447529	TNS14	0.0402908	0.366567	1.38876	1.38876	0.0538892	0.460781	-2.17023	0.115745	0.545909	-1.83181	0.552001	1.23742	1.23742	0.00303532	0.237031	-4.21922	0.154761	0.583226	-1.7146	0.611146	1.19906	1.19906	0.663988	0.478531	-2.08973	0.151029	0.57996	-1.72426	3.67332	7.29214	1.76459	1
cg22359126

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19644336	TNXB	0.00556652	0.500038	0.846057	-1.18195	0.0314186	0.539929	-1.8521	0.131087	0.671615	-1.48895	0.802715	0.940703	-1.06303	0.699342	1.0994	1.0994	7.25E-05	0.171394	-5.83451	0.966722	0.989865	-1.01024	0.747384	1.08211	1.08211	0.416398	0.816424	-1.22485	7.10128	6.70619	0.839434	1
cg15048806	TNXB	0.00560168	0.0103628	0.451972	-2.21253	0.998657	0.999586	-1.00041	0.00188471	0.338367	-2.95537	0.60305	0.878946	-1.13773	0.00158106	0.327684	-3.05172	0.179005	0.703912	-1.42063	0.00255905	0.357401	-2.79798	0.00902677	0.442044	-2.26222	0.424987	0.818421	-1.22187	7.08756	6.78993	0.851561	1
cg13205613	TNXB	0.00564494	0.757262	0.93705	-1.06718	0.704027	1.08333	1.08333	0.124482	0.705517	-1.4174	0.285886	0.792598	-1.26167	8.59E-05	0.227892	-4.38804	0.589535	0.892054	-1.12101	0.0226435	0.564205	-1.77241	0.729942	0.929903	-1.07538	0.0376353	0.603058	-1.65822	7.07081	4.92536	0.619178	1
cg00355613	TNXB	0.00572186	0.384799	0.749824	-1.33365	0.910719	1.03691	1.03691	0.337354	0.726439	-1.37658	0.622019	0.851663	-1.17417	0.001523	0.228811	-4.37042	0.010852	0.355717	-2.81122	0.00135042	0.222199	-4.50047	0.00554048	0.307986	-3.2469	0.220633	1.51601	1.51601	7.04143	11.6433	1.46982	1
cg21448535	TNXB	0.00584731	0.00942179	0.48251	-2.0725	0.040079	0.591363	-1.69101	0.65121	0.904138	-1.10603	0.00130057	0.35447	-2.82111	0.0110346	0.493649	-2.02573	0.194563	0.737965	-1.35508	0.0172242	0.525922	-1.90142	0.00174262	0.372153	-2.68706	0.00640835	0.455966	-2.19315	6.99456	5.43159	0.690263	1
cg01785906	TNXB	0.00591867	0.925135	1.01516	1.01516	0.693276	0.938497	-1.06553	0.032887	0.670593	-1.49122	0.215029	1.23243	1.23243	0.378501	1.15567	1.15567	0.0123825	0.607415	-1.64632	0.00584241	1.78226	1.78226	0.00174982	0.489533	-2.04276	0.178987	1.25684	1.25684	6.96844	2.82981	0.360968	1
cg08661360	TNXB	0.00603611	0.624402	1.16747	1.16747	0.273337	1.43005	1.43005	0.196	0.651127	-1.5358	0.886767	0.956277	-1.04572	0.0100944	0.361117	-2.76918	0.894226	0.959118	-1.04263	0.000389134	5.89881	5.89881	0.0218825	2.37048	2.37048	0.571777	0.835861	-1.19637	6.92632	10.8008	1.38613	1
cg21691893	TNXB	0.0060402	0.0229484	0.657378	-1.52119	0.0141589	0.627033	-1.59481	0.000564626	0.438681	-2.27956	0.501579	0.900175	-1.1109	0.0016247	0.498412	-2.00637	0.240626	0.827438	-1.20855	0.0644326	0.725914	-1.37757	0.112917	0.766407	-1.30479	0.348905	1.16031	1.16031	6.92487	2.60743	0.334694	1
cg25549720	TNXB	0.00622671	0.131823	1.2739	1.2739	0.492864	1.10921	1.10921	0.0246468	0.671507	-1.48919	0.205931	0.819901	-1.21966	0.771353	0.95756	-1.04432	0.103347	0.767097	-1.30362	0.000357433	0.426305	-2.34574	0.00696969	0.594834	-1.68114	0.0587118	0.727756	-1.37409	6.86007	2.40649	0.311819	1
cg00238362	TNXB	0.00679592	0.0885275	0.762167	-1.31205	0.133552	0.791447	-1.26351	0.000154639	0.391842	-2.55205	0.763684	1.04454	1.04454	0.0159279	0.652689	-1.53212	0.108198	0.776233	-1.28827	0.0170032	0.656626	-1.52294	0.578378	0.922061	-1.08453	0.0820196	0.756913	-1.32116	6.67637	2.20897	0.294101	1
cg27626240	TNXB	0.00682689	0.0113734	0.506099	-1.9759	0.36367	0.818195	-1.2222	0.164884	0.727273	-1.375	0.341195	0.809925	-1.23468	0.00017986	0.255889	-3.90795	0.775088	1.06351	1.06351	0.00961931	0.494368	-2.02279	0.433747	0.842241	-1.18731	0.0535135	0.624164	-1.60214	6.66693	4.87816	0.650396	1
cg03493087	TNXB	0.00694558	0.00303918	0.354827	-2.81828	0.487768	0.835379	-1.19706	0.104489	0.635847	-1.57271	0.279396	0.750558	-1.33234	0.000176862	0.197504	-5.06318	0.55323	0.858093	-1.16537	0.0507555	0.566708	-1.76458	0.292517	0.756808	-1.32134	0.060083	0.582066	-1.71802	6.63123	6.83748	0.916536	1
cg01054725	TNXB	0.00702282	0.464024	1.15403	1.15403	0.796362	1.05097	1.05097	0.00177882	0.425214	-2.35175	0.990365	1.00232	1.00232	0.000366156	0.333787	-2.99592	0.056866	0.660816	-1.51328	0.934735	1.01587	1.01587	0.983011	1.0041	1.0041	0.463386	0.866342	-1.15428	6.60841	3.86743	0.520204	1
cg05471725	TNXB	0.0072516	0.531326	1.07446	1.07446	0.00032738	0.518185	-1.92981	0.938526	0.991302	-1.00877	0.57559	0.93795	-1.06616	0.0456384	1.29635	1.29635	0.52532	1.07562	1.07562	0.0172954	1.38871	1.38871	0.445101	0.915613	-1.09216	0.418776	1.09809	1.09809	6.5426	1.32912	0.180576	1
cg23285599	TNXB	0.00733362	0.442987	0.90449	-1.10559	0.00252527	1.71278	1.71278	0.0309809	0.722499	-1.38409	0.104408	1.25585	1.25585	0.293099	0.869384	-1.15024	0.0196962	0.69661	-1.43552	0.0205323	1.43069	1.43069	0.0533071	0.754472	-1.32543	0.726217	1.04615	1.04615	6.51963	1.70067	0.23187	1
cg17295739	TNXB	0.00761996	0.541369	1.23479	1.23479	0.277392	1.47011	1.47011	0.0646099	0.492592	-2.03008	0.399274	1.34227	1.34227	0.000691854	0.170944	-5.84988	0.00303259	0.250145	-3.99767	0.997104	1.00124	1.00124	0.0331883	0.427712	-2.33802	0.303151	0.695013	-1.43882	6.44189	11.8716	1.63811	1
cg15595918	TNXB	0.00815755	0.368094	0.842954	-1.1863	0.00641698	0.519316	-1.92561	0.00663598	0.521479	-1.91762	0.00818161	0.535074	-1.8689	0.00249488	0.460031	-2.17377	0.317749	0.826262	-1.21027	0.153701	1.32612	1.32612	0.322395	1.20792	1.20792	0.213295	0.784905	-1.27404	6.30531	3.41026	0.48076	1
cg03144708	TNXB	0.00871469	0.03411	0.602567	-1.65957	0.101823	0.692888	-1.44323	0.0154646	0.544127	-1.83781	0.0515324	0.635064	-1.57464	0.000290005	0.297943	-3.35635	0.136542	0.71994	-1.389	0.00718284	0.491187	-2.03588	0.0743	0.665381	-1.5029	0.221993	0.768786	-1.30075	6.17511	4.10431	0.590804	1
cg02272968	TNXB	0.00894768	0.0374621	0.425129	-2.35223	0.0608952	0.473102	-2.11371	0.0825802	0.506039	-1.97613	0.209673	0.626002	-1.59744	0.00113805	0.183495	-5.44973	0.0518166	0.456586	-2.19017	0.0337101	2.4076	2.4076	0.46559	1.30093	1.30093	0.0206228	0.372426	-2.6851	6.12369	12.1728	1.76695	1
cg02783179	TNXB	0.00944754	0.179026	0.76842	-1.30137	0.0311637	1.59471	1.59471	0.0470198	0.657385	-1.52118	0.521097	1.12752	1.12752	0.000474505	0.36321	-2.75323	0.372761	0.84463	-1.18395	0.0328199	0.63082	-1.58524	0.350984	0.837663	-1.1938	0.553099	0.895188	-1.11708	6.0188	3.24604	0.479393	1
cg21189019	TNXB	0.00969515	0.455987	0.826282	-1.21024	0.276973	0.752634	-1.32867	0.00333014	0.366279	-2.73016	0.416453	0.811617	-1.23211	0.00105445	0.295916	-3.37933	0.684234	0.90234	-1.10823	0.0378353	0.545935	-1.83172	0.678457	0.900526	-1.11046	0.00267382	0.352217	-2.83916	5.96937	5.97176	0.889245	1
cg25270367	TNXB	0.00995568	0.735419	1.07352	1.07352	0.290037	1.25819	1.25819	0.584393	1.12247	1.12247	0.958562	0.989191	-1.01093	0.0375028	0.6036	-1.65673	0.368953	1.21288	1.21288	0.000207135	0.272738	-3.66652	0.92252	1.02056	1.02056	0.86838	0.965905	-1.0353	5.91902	4.10093	0.615857	1
cg11325576	TNXB	0.0107572	0.439464	1.22291	1.22291	0.00745851	0.415078	-2.40919	0.00128644	0.301952	-3.31179	0.879089	1.03962	1.03962	0.0781038	0.606786	-1.64803	0.0545916	0.573215	-1.74455	0.142282	1.49568	1.49568	0.178318	1.44049	1.44049	0.896441	1.03379	1.03379	5.77385	5.95616	0.916955	1
cg11576405	TNXB	0.0108007	0.073923	0.812709	-1.23045	0.14801	0.850802	-1.17536	0.00109117	0.605516	-1.65148	0.146378	1.17624	1.17624	0.0254077	0.758354	-1.31865	0.188425	1.15615	1.15615	0.169168	1.16475	1.16475	0.0551077	0.797387	-1.2541	0.827582	1.02297	1.02297	5.76636	0.98997	0.152605	1
cg12493058	TNXB	0.0111191	0.22833	0.752402	-1.32908	0.0954361	0.662228	-1.51005	0.000504857	0.294286	-3.39806	0.102035	0.66854	-1.4958	0.483081	0.851822	-1.17395	0.0105708	0.485012	-2.0618	0.391364	1.21847	1.21847	0.0119662	0.493871	-2.02482	0.707911	0.918804	-1.08837	5.71265	4.58018	0.712676	1
cg00898102	TNXB	0.0114572	0.0772265	0.591092	-1.69178	0.0369096	1.91296	1.91296	0.00112648	0.277202	-3.60748	0.636368	1.13594	1.13594	0.127554	0.643405	-1.55423	0.680034	1.11738	1.11738	0.0124531	0.435057	-2.29855	0.490075	0.828916	-1.20639	0.0892335	0.605585	-1.6513	5.65767	6.41825	1.00839	1
cg06292891	TNXB	0.011468	0.0180855	0.350853	-2.8502	0.0151688	0.336807	-2.96906	0.0341419	0.405814	-2.46419	0.00623635	0.272391	-3.6712	0.0172235	0.346905	-2.88263	0.0126015	0.322492	-3.10085	0.0766829	0.487582	-2.05094	0.00270222	0.220486	-4.53544	0.0194507	0.356804	-2.80266	5.65595	11.9214	1.87357	1
cg15657588	TNXB	0.0115797	0.946108	0.981096	-1.01927	0.00423724	0.339319	-2.94708	0.027087	0.477717	-2.09329	0.00474519	0.346864	-2.88297	0.00952432	0.395676	-2.52732	0.646104	0.877629	-1.13943	0.00497406	0.350034	-2.85687	0.0463015	0.524935	-1.905	0.0596441	0.548768	-1.82226	5.63825	7.11756	1.12211	1
cg24405291	TNXB	0.0122358	0.0298684	0.703879	-1.4207	0.523533	1.0929	1.0929	0.00457765	0.595282	-1.67988	0.00471663	0.596963	-1.67515	0.0387639	0.71976	-1.38935	0.503292	1.09783	1.09783	0.0434183	1.37597	1.37597	0.785721	0.963247	-1.03816	0.782058	0.962612	-1.03884	5.53839	1.65614	0.265804	1
cg13064679	TNXB	0.0122428	0.286937	1.18074	1.18074	0.697152	0.942932	-1.06052	0.00233903	0.528182	-1.89329	0.303608	1.17362	1.17362	0.00179527	0.513039	-1.94917	0.734542	0.950147	-1.05247	0.0970645	1.31473	1.31473	0.903572	0.981954	-1.01838	0.433126	0.886754	-1.12771	5.53736	1.97989	0.317823	1
cg13182916	TNXB	0.0122537	0.00506429	0.39059	-2.56023	0.964426	1.01138	1.01138	0.164498	0.686443	-1.45678	0.422022	1.23129	1.23129	0.909661	1.02921	1.02921	0.00215738	0.335353	-2.98193	0.0209291	2.02361	2.02361	0.46826	1.20588	1.20588	0.48893	0.836663	-1.19522	5.53576	5.64193	0.905936	1
cg10812186	TNXB	0.0122782	0.0227887	11.1138	11.1138	0.0115012	16.3398	16.3398	0.0406788	8.07201	8.07201	0.283461	2.67725	2.67725	0.0363487	0.116456	-8.58693	0.186309	0.289913	-3.44931	0.0201144	0.083933	-11.9143	0.192546	3.38323	3.38323	0.196285	3.34511	3.34511	5.53217	68.4259	10.9944	1
cg24030277	TNXB	0.0122948	0.00886263	0.437933	-2.28345	0.0470142	0.569238	-1.75673	0.0760268	0.613021	-1.63127	0.711245	0.911958	-1.09654	0.0184714	0.49248	-2.03054	0.0181601	0.491166	-2.03597	0.00115361	0.306156	-3.26631	0.80253	1.06408	1.06408	0.0312938	0.534619	-1.87049	5.52973	5.3803	0.864869	1
cg14200543	TNXB	0.0123399	0.0136847	0.339127	-2.94875	0.784617	1.10204	1.10204	0.188465	0.610055	-1.6392	0.0849879	1.96502	1.96502	0.00171124	0.204339	-4.89384	0.316851	1.44339	1.44339	0.0181179	0.361368	-2.76727	0.502297	0.785462	-1.27314	0.0613208	0.473442	-2.11219	5.52316	11.0031	1.77082	1
cg11493661	TNXB	0.0124883	0.807132	0.893478	-1.11922	0.294628	1.64961	1.64961	0.935208	1.03815	1.03815	0.181124	1.92286	1.92286	0.0108915	0.229465	-4.35796	0.949315	0.97115	-1.02971	0.00192741	7.54857	7.54857	0.012684	4.16446	4.16446	0.294134	0.605869	-1.65052	5.50172	18.4779	2.98539	1
cg08895562	TNXB	0.0125506	0.0725533	0.546083	-1.83122	0.806532	0.928587	-1.07691	0.016563	0.4132	-2.42014	0.0582525	0.524008	-1.90837	0.00170963	0.258668	-3.86596	0.0937729	0.57323	-1.7445	0.00271927	0.286479	-3.49066	0.0751706	0.549742	-1.81903	0.0159321	0.410124	-2.43829	5.49281	7.93206	1.28363	1
cg20471413	TNXB	0.0130665	0.0407421	5.74889	5.74889	0.0126931	10.1927	10.1927	0.0939992	3.86752	3.86752	0.185281	2.78992	2.78992	0.0274183	0.143773	-6.95539	0.109344	0.27783	-3.59932	0.0110121	0.0912301	-10.9613	0.128727	3.32929	3.32929	0.420734	1.81723	1.81723	6.11446	49.6647	6.3175	1
cg08660959	TNXB	0.0131298	0.0499173	0.397903	-2.51318	0.0217868	0.32151	-3.11032	0.0283849	0.344275	-2.90465	0.384123	0.692272	-1.44452	0.00509698	0.217516	-4.59736	0.0130993	0.281347	-3.55433	0.00629932	0.230752	-4.33366	0.00344327	0.194511	-5.14109	0.255884	0.613363	-1.63036	5.41255	14.5597	2.3911	1
cg18242368	TNXB	0.0131466	0.33395	1.27079	1.27079	0.00682331	0.43052	-2.32277	0.0197357	0.508084	-1.96818	0.168421	0.702624	-1.42324	0.0423594	0.569938	-1.75458	0.030587	0.542829	-1.8422	0.00142658	0.329739	-3.0327	0.920764	1.02421	1.02421	0.369436	0.80119	-1.24814	5.41029	4.95492	0.814074	1
cg27428104	TNXB	0.0131942	0.0102078	0.238027	-4.20121	0.27937	0.607489	-1.64612	0.00559832	0.199446	-5.01389	0.0332749	0.331964	-3.01237	0.0107635	0.241697	-4.13741	0.0129638	0.254941	-3.92247	0.0144183	0.262777	-3.8055	0.00651312	0.208667	-4.79232	0.0566495	0.384356	-2.60175	5.40389	16.8103	2.76514	1
cg15786918	TNXB	0.0132649	0.0364031	0.392477	-2.54792	0.102321	0.502836	-1.98872	0.0281812	0.369109	-2.70922	0.0192243	0.336504	-2.97173	0.000751406	0.140051	-7.14023	0.0391465	0.399355	-2.50404	0.0159749	0.321622	-3.10924	0.645073	0.836647	-1.19525	0.0392569	0.399624	-2.50235	5.39446	12.6332	2.08167	1
cg09872737	TNXB	0.01391	0.00846864	0.202814	-4.93063	0.0108177	0.218846	-4.56941	0.00945739	0.209923	-4.76366	0.0273817	0.289726	-3.45154	0.0789994	0.396224	-2.52383	0.192475	0.519557	-1.92472	0.00618304	0.183618	-5.44609	0.00559316	0.177813	-5.6239	0.053571	0.35325	-2.83086	5.31113	18.9522	3.1719	1
cg19828175	TNXB	0.0140212	0.0111768	0.500522	-1.99791	0.752429	0.93344	-1.07131	0.00841407	0.480689	-2.08035	0.0299303	0.573523	-1.74361	0.00305133	0.413436	-2.41876	0.0233312	0.554374	-1.80384	0.0128257	0.510313	-1.95958	0.163565	0.72352	-1.38213	0.0242411	0.557282	-1.79442	5.29726	3.97469	0.66696	1
cg23173817	TNXB	0.0140229	0.119831	0.702331	-1.42383	0.654712	0.910053	-1.09884	0.00121417	0.370953	-2.69576	0.105417	0.690462	-1.44831	0.00513097	0.46113	-2.16858	0.531079	0.875599	-1.14208	0.082706	1.49535	1.49535	0.181347	0.742967	-1.34596	0.100875	0.686449	-1.45677	5.29704	3.67788	0.61718	1
cg04492496	TNXB	0.0148061	0.0104584	0.336335	-2.97322	0.37851	0.736775	-1.35727	0.00697531	0.307305	-3.25409	0.0414596	0.45159	-2.2144	0.00158265	0.215785	-4.63423	0.421272	0.757475	-1.32017	0.0162161	0.370042	-2.7024	0.0352309	0.436396	-2.2915	0.197185	0.630698	-1.58555	5.20303	9.41931	1.6092	1
cg27073361	TNXB	0.0150345	0.00700033	0.445118	-2.2466	0.579613	1.13867	1.13867	0.00767998	0.451532	-2.21468	0.0367244	0.569369	-1.75633	0.00379073	0.403964	-2.47547	0.133677	0.686993	-1.45562	0.788302	1.06445	1.06445	0.0204494	0.522935	-1.91228	0.172261	0.71377	-1.40101	5.17676	4.41632	0.758315	1
cg14737484	TNXB	0.0156428	0.563411	0.817367	-1.22344	0.144655	0.582226	-1.71755	0.0262805	0.402567	-2.48406	0.0538908	0.469747	-2.12881	0.809989	1.08672	1.08672	0.133792	0.572198	-1.74765	0.000379788	0.140884	-7.09804	0.302466	0.691577	-1.44597	0.0500688	0.462397	-2.16264	5.10918	9.64448	1.67793	1
cg11608893	TNXB	0.0156624	0.229821	0.761818	-1.31265	0.304532	0.794859	-1.25808	0.0236741	0.558102	-1.79179	0.194986	0.743801	-1.34445	0.407178	0.832706	-1.2009	0.0514157	0.619497	-1.61421	0.00130895	2.74631	2.74631	0.626324	0.899471	-1.11177	0.233393	0.763553	-1.30967	5.10706	3.77088	0.656325	1
cg26385011	TNXB	0.0160138	0.0358201	0.684895	-1.46008	0.75015	0.951694	-1.05076	0.881957	0.977236	-1.02329	0.192623	0.807591	-1.23825	0.000634417	0.443349	-2.25556	0.524615	0.904908	-1.10508	0.02525	0.662106	-1.51033	0.00956351	0.601383	-1.66283	0.243465	0.827674	-1.2082	5.06954	1.92833	0.338111	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 221T vs. N)	Fold-Change(121T vs. 221T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg22158158	TNXB;TNXA	0.0163156	0.0106316	2.26972	-1.83551	2.230082	0.590395	-1.69378	0.0258736	0.330527	-3.02547	0.368744	1.47159	1.104508	0.563063	-1.776	0.0381523	1.906801	-2.73372	0.0341188	0.355311	-2.83444	0.00455842	0.205758	-4.86308	0.00710863	-4.28548	5.03813	15.9748	2.46561	1
gb	J683925	TNXB;TNXA	0.0275184	0.921027	1.04936	1.04936	0.557736	0.749744	-1.33379	0.589685	0.767582	-1.30279	0.0816616	0.391617	-2.55351	0.0703424	0.171844	-1.81922	0.782164	1.14415	1.14415	0.0205898	0.252954	-3.87666	0.718857	0.838931	-1.19199	0.00289567	0.136751	-7.31203	4.213943	15.75045	3.32282	1
gb	J722170	TNXB;TNXA	0.0291601	0.0772207	0.476247	-2.09975	0.00570893	0.254465	-3.92982	0.0199541	0.346253	-2.88806	0.284909	0.657431	-1.52107	0.0101525	0.293975	-3.40165	0.691313	1.16265	1.16265	0.0556628	0.440967	-2.26774	0.0966592	0.502258	-1.99101	0.0314154	0.385563	-2.59361	4.128518	9.3218	2.00719	1
gb	AB18690	TNXB;TNXA	0.0031193	0.7865651	0.940917	-1.06339	0.00459989	0.422729	-2.36558	0.161711	0.732934	-1.40267	0.0893978	0.654535	-1.52823	4.69E-05	2.175375	-5.68989	0.0655286	1.5969	1.5969	0.000932767	0.326671	-3.06118	0.400508	0.822937	-1.21516	7.26E-06	0.106352	-9.4027	21.1144	17.3479	0.721903	1
gb	J015230	TNXB;TNXA	0.000209203	0.000600859	0.408559	-2.44763	0.00084204	0.427764	-2.33774	0.00153354	0.46253	-2.16202	3.31E-05	0.256064	-3.90527	0.00018059	0.342372	-2.9208	0.00137386	0.456092	-2.19254	0.0569158	0.70976	-1.40893	0.000665536	0.414349	-2.41342	0.000982912	0.436656	-2.29013	0.185348	8.23048	0.402632	1
gb	J232161	TNXB;TNXA	0.00032302	0.00117796	0.298964	-3.34488	0.00108296	0.294088	-3.40034	0.00270923	0.345464	-2.8603	0.00224267	0.337741	-2.96085	3.91E-05	0.135665	-7.3711	0.0354867	0.537377	-1.86089	0.0122442	0.453082	-2.2071	0.00085042	0.283134	-3.53114	0.00017718	0.195053	16.108	16.4187	0.906034	1
gb	J657159	TNXB;TNXA	0.000583698	0.0198621	0.725961	-1.37748	0.00104859	0.5756	-1.73732	1.61E-05	0.363366	-2.75205	0.0167621	0.717116	-1.39447	0.0315155	0.756151	-1.32249	0.667341	0.951943	-1.05048	0.25184	0.872537	-1.14608	0.725849	0.960695	-1.04091	0.00107615	0.576912	-1.73334	13.6886	2.81261	0.182641	1
gb	J365850	TNXB;TNXA	0.00160748	0.00568192	0.381517	-2.62171	0.02393262	0.478124	-2.09151	0.00115311	0.227716	-3.6008	0.00912797	0.403741	-2.47484	0.00012545	0.155967	-6.41245	0.0042973	0.350938	-2.85036	0.0122804	0.426828	-2.34587	0.0037591	0.342614	-2.91874	0.000873802	0.254783	-3.92491	11.5302	13.6954	1.05581	1
gb	J540981	TNXB;TNXA	0.01073389	0.205453	0.73036	-1.36919	0.01838085	0.488775	-2.05493	0.01446605	0.492189	-2.03174	0.00730964	0.443267	-2.25598	6.49E-05	0.178059	-5.61612	0.00696389	0.439913	-2.27318	0.0115507	0.596641	-1.43546	0.00242936	0.370513	-2.69896	0.0102745	0.467274	0.14007	10.0502	8.80725	0.778058	1
gb	J817395	TNXB;TNXA	0.00395636	0.00491928	0.30753	-3.25171	0.0267643	0.435818	-2.29454	0.021173	0.415975	-2.40399	0.00460101	0.303103	-3.29921	0.0013433	0.228865	-4.36939	0.043002	0.48049	-2.08121	0.000901811	0.207611	-4.81671	0.0085346	0.345695	-2.89272	0.0238234	0.425864	-2.34817	7.87649	12.499	1.41019	1
gb	J417169	TNXB;TNXA	0.00417169	0.00291785	0.354035	-2.82485	0.00127506	0.393671	-2.54019	0.0215153	0.494652	-2.02076	0.00454461	0.558843	-1.79057	0.00026197	0.233945	-4.27738	0.0360628	0.538471	-1.85711	0.0268395	0.515854	-1.94608	0.0091414	0.414435	-2.41295	0.0038917	0.563671	-1.77408	7.75353	7.931608	0.907524	1
gb	J834041	TNXB;TNXA	0.00439049	0.0125014	0.386806	-2.58528	0.00157741	0.249549	-4.00723	0.0130773	0.390253	-2.56244	0.0980503	0.574222	-1.74149	0.00113221	0.302564	-3.30511	0.0053247	0.511561	-1.9548	0.126524	0.60335	-1.65741	0.00175382	0.255271	-3.9174	0.00827288	0.356228	-2.80719	7.63454	11.2984	1.31547	1
gb	J238154	TNXB;TNXA	0.00491379	0.00557708	0.285685	-3.50026	0.00898495	0.519345	-1.92621	0.0236023	0.394448	-2.53519	0.0186714	0.374878	-2.66753	0.00019258	0.138655	-7.2116	0.0312196	0.418096	0.0169052	0.966283	-1.03479	0.0022879	0.267762	-3.73505	0.0239379	0.367762	-3.74025	0.0219158	0.388166	-2.57521	7.36851	13.8229	1.6675	1
gb	J837016	TNXB;TNXA	0.00726036	0.379983	0.86271	-1.15934	0.01181157	0.597201	-1.67448	0.0023852	0.937187	-1.06702	0.6974115	1.06617	1.06617	0.283987	0.83317	-1.20024	0.0044852	0.537167	-1.86162	0.000399708	0.397043	-2.51862	0.795917	1.04341	1.04341	0.02191223	0.637055	-1.56972	6.540113	2.7852	0.378545	1
gb	J537667	TNXB;TNXA	0.0091527	0.010533	0.322042	-3.10518	0.0115092	0.328637	-3.04287	0.211366	0.629028	-1.58975	0.0354095	0.422155	-2.3688	0.00141866	0.196749	-5.08261	0.0119661	0.331755	-3.01428	0.0139098	0.415676	-2.40572	0.0082175	0.304103	-3.28836	0.0133261	0.33977	-2.94317	0.07981	11.9356	1.74503	1
gb	J744184	TNXB;TNXA	0.01129458	0.00767745	0.368556	-2.71526	0.0108153	0.476344	-2.09932	0.0475422	0.554228	-1.80405	0.0238484	0.337741	-2.96085	1.91E-05	0.115665	-8.64251	0.0205007	0.440569	-2.25444	0.0737767	0.43005	-2.32531	0.00659491	0.363158	-2.76794	0.100422	0.501957	-1.68091	5.683666	7.64055	1.19493	1
gb	J748451	TNXB;TNXA	0.0152852	0.00617825	0.365525	-2.73579	0.04755141	0.528006	-1.89392	0.0156968	0.434088	-2.30368	0.0553696	0.542255	-1.84415	0.00160936	0.295719	-3.57757	0.0571023	0.545188	-1.83423	0.2352354	0.704285	-1.41988	0.0216762	0.459858	-2.17459	0.0405214	0.513422	-1.94772	5.1485	6.47587	1.11806	1
gb	J732585	TNXB;TNXA	0.0200495	0.448073	0.692183	-1.44479	0.3254431	1.62118	1.621118	0.0666673	0.35825	-2.79135	0.00848643	0.0919571	-10.8746	0.0621633	0.368183	-2.71604	0.0884385	0.40884	-2.44695	0.7958867	0.880909	-1.13134	0.750176	0.837255	-1.19438	0.0222161	0.275153	-3.68795	4.70061	16.8571	3.18768	1
gb	J853848	TNXB;TNXA	0.0207402	0.04384947	0.731009	-1.36797	0.1554457	1.22832	1.228321	0.7522221	0.54378	1.04778	0.3747492	0.764491	-1.30806	0.0565308	0.740713	-1.3392	0.0342804	0.715964	-1.39762	0.0676797	0.589651	-1.69655	0.0169491	0.363158	-2.76794	0.100422	0.501957	-1.68091	5.683666	7.64055	1.19493	1
gb	J693915	TNXB;TNXA	0.0235801	0.0151363	0.318041	-3.14425	0.180932	1.72505	1.72505	0.156312	0.558731	-1.78977	0.0102658	0.288872	-3.46174	0.00405927	0.227436	-4.39683	0.0518327	0.427693	-2.33813	0.18361	0.581854	-1.71865	0.51075	0.774095	-1.29183	0.20106	0.595523	-1.6792	4.44646	10.376	2.07427	1
gb	J263643	TNXB;TNXA	0.0251556	0.0312241	0.305475	-3.27599	0.0324266	0.687405	-1.45555	0.245771	0.568834	-1.7673	0.0572685	0.384525	-2.6012	0.00088945	0.242579	-4.12347	0.0382575	0.32418	-3.0847	0.0144069	0.244027	-4.1008	0.0083188	0.290457	-4.8672	0.0310455	0.304992	-3.27878	4.24784	15.1526	3.09787	1
gb	J237652	TNXB;TNXA	0.0270192	0.693008	1.21223	1.21223	0.449797	0.688284	-1.45289	0.485749	0.709226	-1.40999	0.080806	0.390944	-2.55791	0.00447548	0.16231	-6.16105	0.720777	1.19016	1.19016	0.0182331	0.240939	-4.01544	0.507595	1.38551	1.38551	0.00604247	0.178949	-5.58817	4.23566	15.7838	3.31236	1
gb	J444189	TNXB;TNXA	0.0282423	0.0265365	0.355945	-2.80952	0.0490185	0.593845	-1.68425	0.0274476	0.380012	-2.63107	0.0179558	0.358826	-2.78691	0.00017314	0.148376	-6.74222	0.0411922	0.396412	-2.52263	0.0610491	0.240128	-4.16444	0.0103036	0.360942	-2.77232	0.0148	0.37508	-2.86328	4.17508	9.0446	2.12559	1
gb	J046753	TNXB;TNXA	0.0312958	0.471316	1.09446	1.09446	0.575091	0.932613	-1.07226	0.00978762	0.668761	-1.4953	0.0735862	0.782153	-1.27852	0.371443	0.893114	1.11968	0.690401	0.95188	-1.05055	0.00488092	1.58343	1.58343	0.948106	1.00805	1.00805	0.354091	0.889195	1.12461	4.02577	0.9674418	0.213606	1
gb	J261227	TNXB;TNXA;TNXA;STK19;STK19	0.00657401	0.00858072	0.298422	-3.35095	0.0421136	0.429722	-2.32709	0.023825	0.378014	-2.6454	0.0339328	0.409399	-2.44261	0.00264928	0.229374	-4.46481	0.171431	0.591446	-1.69077	0.00234317	0.216134	-4.62676	0.211715	1.60726	1.60726	0.00983403	0.308421	-3.24455	7.63542	13.8992	1.83154	1
gb	J013795	TNXB;TNXA;STK19;STK19	0.0158883	0.0158883	0.314844	-3.17526	0.0199355	0.476344	-2.09932	0.0475422	0.554228	-1.80405	0.0238484	0.337741	-2.96085	3.91E-05	0.115665	-8.64251	0.0453824	0.69563	-1.43756	0.0077925	0.356059	-2.80801	0.0127732	0.314302	-3.18181	0.0143402	0.237685	-4.20725	5.46586	18.7302	3.18505	1
gb	J096737	TNXB;TNXB	0.0142571	0.00901046	0.149696	-6.68023	0.0297467	0.231511	-4.31945	0.0328815	0.239937	-4.16777	0.0298885	0.231905	-4.31212	0.00643881	0.131765	-7.58927	0.736597	0.824407	-1.21299	0.00698039	0.135901	-7.35828	0.618521	1.33259	1.33259	0.0168706	0.188735	-5.29843	5.26825	27.2958	4.6055	1
gb	J449432	TOB1	0.0068191	0.1561541	1.26346	1.26346	0.0224343	0.744	-1.72648	0.0522284	0.784916	1.84836	0.0056107	0.74242	1.34836	0.0178766	0.743284	-1.34578	0.0913091	0.44476	-2.24896	0.1753846	0.601438	-1.66262	0.0501837	0.80387	0.80387	0.0525761	0.884477	1.64691	24.4095	3.25132	1
gb	J319853	TOB1;TOB1	4.67E-05	0.0497179	0.719352	-1.39014	0.00445153	0.774374	1.74774	0.0127609	0.57602	1.57662	0.280334	0.847783	-1.17955	1.85E-06	0.174753	-5.72236	0.101881	1.30145	1.30145	0.560862	1.09038	1.09038	0.0338437	0.209872	2.09872	0.0285714	1.46247	1.46247	27.107	1.29384	0.30483	1
gb	J026093	TOB2	6.99E-05	0.167596	0.753334	-1.32743	0.00251267	2.2437	2.2437	0.0188966	1.72895	1.72895	0.704407	1.07616	1.07616	0.00871134	0.525358	-1.90347	0.599324	1.10748	1.10748	1.41E-06	0.0942827	-10.6064	0.199734	0.770176	-1.29807	0.782679	0.948148	-1.05469	24.3551	14.3036	0.52204	1
gb	J577272	TOB2	0.0123074	0.949131	1.14803	1.14803	0.0205571	0.984105	-1.05474	0.0736283	0.843206	-1.18525	-1.09502	0.121435	1.99594	1.99594	0.0011703	1.78003	0.930159	0.35314	-2.832	0.0001852052	2.69	-9.32595	0.172401	1.550029	1.18634	1.042611	0.55279	1.81806	0.919267	1.04261	0.55279	1
gb	J618521	TOB2	0.0123222	0.835024	0.966949	-1.03418	0.00471758	1.83137	1.83137	0.366083	1.16143	1.16143	0.695202	0.998512	-1.00552	0.159289	0.784732	-1.27432	0.0302229	0.663207	-1.50783	0.0610512	1.40525	1.40525	0.214135	1.23465	1.23465	0.447368	0.882669	-1.13293	0.979557	1.63703	0.365652	1
gb	J778555	TOE1	0.00812925	0.02585813	0.344665	-2.90185	0.0139473	0.518233	0.0670047	0.6153229	0.845242	1.51186	0.116336	0.655229	1.52568	0.0386184	0.511636	-1.95496	0.0724712	0.604907	1.65312	0.0242534	0.412053	0.68712	0.0018394	0.950402	1.05219	0.152178	0.826005	1.21033	0.0243155	1.21033	0.243155	1
gb	J763419	TOLLIP	5.55E-05	0.083938	1.52136	1.52136	0.156536	1.39448	1.39448	0.0117556	1.99469	1.99469	0.233351	1.31543	1.31543	2.04E-05	0.151208	6.61341	7.25E-05	2.204969	-4.87878	4.79E-05	0.186463	-5.36299	0.194259	3.35164	1.35164	0.0125301	0.505887	1.97673	25.8947	19.7434	0.677733	1
gb	J855169	TOLLIP	0.00115074	0.841457	1.03905	1.03905	0.00041756	0.324354	-2.92095	0.257676	1.25351	1.25351	0.00202785	0.303634	-3.29343	0.862858	0.967469	-1.03362	0.0638966	0.671404	-1.48942	0.00635357	0.506859	-1.97294	0.433587	1.16515	1.16515	0.00202241	0.44	-2.27273	13.3061	6.5519	0.515111	1
gb	J488991	TOLLIP	0.00236389	0.833434	1.04006	1.04006	0.0442452	0.990185	-1.00982	0.0256589	1.27129	1.27129	0.0013751	1.1704	1.1704	0.00106868	0.804553	-1.24351	0.181637	0.763248	1.31063	0.00191822	2.3284	-4.29641	0.537624	1.88093	1.88093	0.0006042	-1.12752	0.462386	1.15481	1.15481	0.58189	0.5824	0.521097	1
gb	J204652	TOLLIP	0.00354004	0.442949	0.834505	-1.19831	0.641305	1.11462	1.11462	0.000512148	3.50637	3.50637	0.560824	1.1457	1.1457	0.124795	0.680923	1.4686	0.0008155	0.311248	-3.21288	0.143802	1.43797	1.43797	0.466999	1.1867	1.1867	0.673815	0.906573	-1.10286	8.146026	6.90073	0.753004	1
gb	J603867	TOLLIP	0.00354709	0.153799	0.591103	-1.69161	0.0227365	0.391116	-2.55679	0.0232597	0.402051	-2.48724	0.0309339	0.39254	-2.54781	0.00147769	0.355884	-2.80959	0.0965844	0.7047	1.0347	0.00234629	0.222469	-4.36437	0.0178597	0.793801	0.79301	0.0104725	0.543071	-1.84138	7.34478	13.7881	1.65891	1
gb	J258522	TOLLIP	0.00626067	0.768298	0.96526	1.24305	0.322282	1.32282	1.32282	0.114791	1.44337	1.44337	0.27536	1.27486	1.27486	0.0374606	0.667255	-1.18003	0.0033816	0.258306	1.38437	0.0001255	2.35084	2.35084	0.38137	1.22182	1.21182	0.0146716	0.525767	1.90198	6.84853	4.96665	0.644634	1
gb	J242498	TOLLIP	0.00762024	0.144809	0.618374	-1.61714	0.00588049	0.330775	-3.0232	0.0444314	0.492382	-2.03094	0.0253003	0.26196	2.26196	0.0231992	0.434768	-2.30008	0.415278	0.774474	-1.2912	0.013725	0.392489	-2.54704	0.0218502	2.32685	2.32685	0.200494	0.660325	-1.51441	6.44182	9.61097	1.32619	1
gb	J589899	TOLLIP	0.00810128	0.635265	0.861548	-1.16085	0.0737401	0.744	-1.34443	0.0444314	0.492382	-2.03094	0.0253003	0.26196	2.26196	0.0231992	0.434768	-2.30008	0.0256217	0.215179	4.64577	0.0001255	2.35084	2.35084	0.38137	1.29122	1.29122	0.0120999	0.580063	-1.72395	6.31907	10.4998	1.47408	1
gb	J250346	TOLLIP	0.010986	0.606932	1.20256	1.20256	0.00673946	0.348567	-2.86957	0.0650468	0.28828	0.70828	0.0782188	0.728394	1.36494	0.0084978	0.307702	3.25712	0.326468	0.676090	-1.43347	0.0863232	0.99393	-1.00611	0.0433909	0.28358	0.28358	0.0178767	1.66153	5.61365	14.1755	1.77868	1
gb	J310343	TOLLIP	0.01043	0.1379384	0.5	-2.00000	0.0303183	1.11847	0.8944272	0.0158855	0.58348	1.11847	0.0158855	0.58348	-1.71347	0.0196313	0.689	-1.45107	0.0205018	0.488564	-2.04717	0.0144138	0.540884	-1.84903	0.0206514	0.434382	1.14824	0.0178907	0.571601	-1.74947	5.631482	1.14824	0.2087	0.181805	1
gb	J597633	TOLLIP	0.01369631	0.1536963	0.1926	0.1926	0.00130084	0.1965	0.1965	0.527948	0.913721	-1.09443	0.204692	1.20785	1.20785	0.896843	0.981864	-1.01847	0.0276806	0.144384	4.14384	0.0486701	1.37402	1.37402	0.149521	1.24365	1.24365	0.0258865	0.68851	-1.45241	5.33819	1.68333	0.2803	1
gb	J108553	TOLLIP	0.01369522	0.511794	0.52947	-1.88923	0.0176383	0.375938	-2.66113	0.0176567	0.260673	0.80673	0.0829377	0.990239	-1.00986	0.0339265	0.158052	-6.32963	0.0416404	0.339679	-2.94401	0.0134445	0.439619	-2.27444	0.0126187	0.314339	1.91339	0.0141925	0.455126	1.39942	0.414321	0.661673	1.6013	0.45324	0.341601	1
gb	J094771	TOLLIP	0.0225825	0.616786	0.912729	-1.09561	0.0812212	0.515529	0.15529	0.540973	0.814853	1.11853	0.886683	1.2217	1.2217	0.855088	0.917643	-1.03964	0.528304	1.12259	1.12259	0.0450133	0.886339	-1.12824	0.0434112	1.013	1.013	0.43132	1.24161	0.0724	0.52613	0.519968	1
gb	J709209	TOLLIP	0.0229315	0.0296968	0.36221	-2.76083	0.143026	0.533531	-1.87431	0.165229	0.555776	-1.79929	0.145965	0.538262	-1.85783	0.00916438	0.268954	-3.7181	0.02653	0.352315	-2.83917	0.00282955	0.195622	-5.1119	0.437241	1.36954	1.36954	0.0746095	0.454694	-2.19928	4.48947	11.1967	2.21688	1
gb	J409167	TOLLIP	0.0233221	0.949131	1.14803	1.14803	0.0205571	0.984105	-1.05474	0.0736283	0.843206	-1.18525	-1.09502	0.121435	1.99594	1.99594	0.0011703	1.78003	0.930159	0.35314	-2.832	0.0001852052	2.69	-9.32595	0.172401	1.550029	1.18634	1.042611	0.55279	1.81806	0.919267	1.04261	0.55279	1
gb	J693726	TOLLIP	0.0242692	0.987721	1.00501	1.00501	0.0379283	2.18527	2.18527	0.429084	1.29979	1.29979	0.136373	1.68415	1.68415	0.0182931	0.394467	-2.53507	0.0496518	0.483165	-2.06969	0.0631247	0.507151	-1.9718	0.0403979	2.15761	2.15761	0.29436	0.702387	-1.42372	4.37992	7.31877	1.48532	1
gb	J123937	TOLLIP	0.0265043	0.667598	0.84967	-1.40541	0.0937405	0.515373	-1.94015	0.0194328	0.52198	1.52198	0.0688948	0.682217	1.68217	0.0144487	0.454369	-2.20286	0.825896	0.846151	-1.18182	0.2037917	0.365194	-2.76553	0.0180221	0.6958	0.6958	0.0104665	1.67093	1.67093	4.2993	38.8819	8.6041	1
gb	J795563	TOLLIP	0.0281924	0.146787	0.73324	-1.36381	0.0770376	0.476994	-2.09554	0.0706373	-1.41568	0.328592	0.817985	-1.22252	0.8727273	0.0771	0.149007	-6.71515	0.0613318	1.52203	-1.45228	0.0128002	1.85165	1.85165	0.958939	1.06325	1.06325	0.0553185	0.648675	-1.5416	4.727909	6.62673	0.558891	1
gb	J336108	TOLLIP	0.0289692	0.36302	0.739866	-1.3516	0.358136	0.737464	-1.356	0.0534502	0.493145	-2.0278	0.38342	1.33381	1.33381	0.321531	0.718883	-1.39105	0.0286786	0.29738	0.29738	0.628374	0.854547	-1.17021	0.0331254	3.68121	3.68121	0.778523	1.09512	4.13778	6.80634	1.46215	1
gb	J056422	TOLLIP	0.0305867	0.48294	0.788165	-1.26833	0.0780191	0.857809	-1.16591	0.0832419	0.58219	1.16591	0.0832419	0.58219	-1.71733	0.0168132	0.37367	-2.67659	0.0905804	0.72717	1.3225	0.0284181	1.31968	1.31968	0.490047	1.36364	1.36364	0.105196	0.682047	-1.46618	4.972709	1.30031	0.677736	1
gb	J809202	TOLLIP	0.0315366	0.00118781	0.169568	-5.89733	0.653386	2.18383	2.18383	0.0481733	0.430393	-2.32346	0.154594	1.7662	1.7662	0.705059	0.867651	-1.15254	0.298886	0.668997	-1.49478	0.764408	1.11875	1.11875	0.547607	0.796774	-1.25506	0.144377	0.556892	-1.79568	4.01476	8.86242	1.96218	1
gb	J110432	TOLLIP	0.0317306	0.283522	0.823207	-1.21476	0.153791	1.30555	1.30555	0.0018418	2.16468	2.16468	0.114092	1.740729	-1.35002	0.274631	0.819985	-1.21953	0.684512	1.07393	1.07393	0.0862413	1.39235	1.39235	0.504532	1.9001	1.9001	0.0248209	0.99314	-1.0648	4.002958	1.91948	0.429198	1
gb	J696445	TOLLIP	0.0450248	0.258358	0.74727	1.47327	0.0278932	1.87373	1.87373	0.0315444	2.28873	2.28873	0.139395	1.68643	1.68643	0.0170438	0.884919	-1.13005	0.667415	1.15261	1.15261	0.139089	1.68568	1.68568	0.0245423	2.41095	2.41095	0.131465	1.70744	5.5248	0.02613	1.51968	1
gb	J237604	TOLLIP	0.0450845	0.0767194	1.56098	1.56098	0.00708525	0.455183	-2.19692	0.0620527	1.60837	1.60837	0.107649	1.48757	1.48757	0.715342	1.08638	1.08638	0.977603	0.99367	-1.00637	0.853046	1.04284	1.04284	0.370101	1.23146	1.23146	0.136218	0.695472	-1.43787	3.52305	2.85492	0.720114	1
gb	J876425	TOLLIP	0.0467121	0.696553	0.883198	-1.13212	0.2752	1.67448	1.67448	0.0277	0.367707	-1.70344	0.1425344	0.67448	1.67448	0.0002	0.099237	-10.0798	0.0416404	0.339679	-2.94401	0.0134445	0.439619	-2.27444	0.0126187	0.314339	1.91339	0.0141925	0.455126	1.39942	0.414321	0.661673	1.6013	0.45324	0.341601	1
gb	J205061	TOLLIP	0.0469832	0.612903	1.27758	1.27758	0.0253383	3.58392	3.58392	0.0053914	5.80627	5.80627	0.0654052	2.69939	2.69939	0.205602	0.526683	-1.89868	0.939924	1.03685	1.03685	0.559511	0.753259	-1.32757	0.0725938	2.61457	2.61457	0.246549	0.71664	1.16624	14.6888	12.666	3.24561	1
gb|J647201	TOLLIP	0.0470111	0.555923	0.844854	-1.18384	0.154334	1.75434	1.75434	0.0403	2.54803	2.54803	0.0784824	1.59394	1.59394	0.0178	0.746807	-1.34009	0.503402	0.75928	1.31676	0.139779	1.98704	1.98704	0.0273	2.72539	2.72539	0.0243	0.323207	1.27539	1.15679	0.2809443	1.59422	1.59422	0.0153207	1.27539	0.24658	0.32725	0.231522	1
gb	J969662	TOLLIP;LOC255512	0.0258071	0.780549	0.924424	-1.08175	0.647958	0.878668	-1.13809	0.209653	1.45066	1.45066	0.541841	1.18976	1.18976	0.173443	0.773311	1.29314	0.0011565	0.261028	-3.83101	0.0730363	1.75515	1.75515	?	?	?	0.859224	0.951276	-1.05122	4.38399	4.88596	1.1145	1
cg12932539	TOLLIP;TOMM1;TOMM1;TOMM1;TOMM1;TOMM1	0.0148895	0.0142213	0.592856	-1.68675	0.0118944	0.581181	-1.72064	0.00242527

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg21667939	TOMM70A	0.0138198	0.00710605	0.351419	-2.8456	0.226992	0.68288	-1.46439	0.0387736	0.486932
cg04244170	TOMM70A	0.0277107	0.00917537	0.0979095	-10.2135	0.213383	0.398403	-2.51002	0.153031	0.341379
cg16500097	TOMM70A	0.0417277	0.015811	0.586903	-1.70386	0.262294	0.810039	-1.23451	0.560642	0.899379
cg06181205	TOMM7;TOMM7	0.000871067	0.0146644	0.865248	-1.15574	0.394028	1.04295	1.04295	0.0111427	1.16564
cg00665832	TOMM7;TOMM7	0.0157877	0.657799	1.07138	1.07138	0.00124878	0.482319	-2.07332	0.221736	0.819859
cg18424072	TOP1	7.52E-06	8.61E-06	0.211323	-4.7321	0.0348807	1.48448	1.48448	0.597773	0.91801
cg13324128	TOP1	0.000143841	0.000348804	0.392328	-2.54889	0.311466	0.84333	-1.18578	0.00105388	0.454537
cg09524192	TOP1	0.00461845	0.000132678	0.0984775	-10.1546	0.208586	1.58989	1.58989	0.0581279	0.472824
cg00109062	TOP1	0.00682984	0.0512887	0.723798	-1.3816	0.181939	1.2292	1.2292	0.101802	1.29806
cg16743310	TOP1	0.00819304	0.844377	0.948551	-1.05424	0.000592244	0.240343	-4.16073	0.00433741	0.358961
cg26348616	TOP1	0.0322605	0.00834318	0.0841964	-11.877	0.891371	1.10551	1.10551	0.767967	0.804784
cg06573902	TOP1;PRO0628	0.000213311	0.262362	0.936904	-1.06735	0.0224705	0.858587	-1.1647	7.70E-05	1.49094
cg16376234	TOP1;TOP1	0.0293328	0.199746	0.844288	-1.18443	0.0508757	1.32037	1.32037	0.00956434	1.50679
cg22305797	TOP1MT	0.000177733	0.000217287	0.347781	-2.87537	0.519075	1.11842	1.11842	0.0137957	0.593818
cg02166888	TOP1MT	0.000391837	0.773999	0.94034	-1.06344	0.516207	1.15101	1.15101	8.19E-05	0.219402
cg14828673	TOP1MT	0.000530407	0.146408	0.826114	-1.21049	0.669107	0.948684	-1.05409	2.23E-05	0.352664
cg05207347	TOP1MT	0.000926588	0.644133	0.883921	-1.13132	0.439879	0.811429	-1.23239	0.0298997	0.507776
cg25225464	TOP1MT	0.00104371	0.0140925	0.670011	-1.49251	0.913769	1.01442	1.01442	0.0300835	0.713808
cg24596472	TOP1MT	0.00153795	0.00194684	0.519056	-1.92657	0.0230492	0.665837	-1.50187	0.000349826	0.423145
cg01779882	TOP1MT	0.00178945	0.125273	0.687728	-1.45406	0.000138445	0.22626	-4.41968	0.500531	0.857035
cg22975920	TOP1MT	0.00236498	0.281225	1.28944	1.28944	4.39E-05	0.172242	-5.8058	0.458612	0.842576
cg11562312	TOP1MT	0.0146973	0.291428	1.28495	1.28495	0.508578	1.16601	1.16601	0.721548	0.921309
cg23629150	TOP1MT	0.0150255	0.0272988	0.14297	-6.99448	0.076532	0.230544	-4.33757	0.0253081	0.138008
cg10309609	TOP1MT	0.0167555	0.080842	0.764265	-1.30845	0.859761	1.02486	1.02486	0.0467168	1.37195
cg12188860	TOP1MT	0.0170968	0.0437366	0.293556	-3.40651	0.0111155	0.185794	-5.38229	0.0414051	0.288322
cg08597832	TOP1MT	0.0281418	0.0496698	0.22009	-4.5436	0.107067	0.304456	-3.28455	0.0407546	0.20255
cg20704247	TOP1MT	0.0290662	0.653241	1.32385	1.32385	0.367906	0.563406	-1.77492	0.0186813	0.170615
cg13529726	TOP1MT	0.0330769	0.168724	0.768953	-1.30047	0.0785645	0.704667	-1.41911	0.0953743	0.720189
cg13394182	TOP1MT	0.0347099	0.130791	0.483506	-2.06823	0.696155	0.839634	-1.191	0.0370933	0.340257
cg03922423	TOP1MT	0.0396175	0.182376	0.677419	-1.47619	0.0221759	0.470178	-2.12685	0.151574	0.655192
cg19942486	TOP1MT	0.0399745	0.708591	0.830153	-1.2046	0.374278	0.636249	-1.57171	0.0227247	0.258732
cg02086839	TOP1MT	0.0435584	0.0317728	0.324272	-3.08383	0.831721	0.909181	-1.09989	0.0747378	0.411412
cg02901790	TOP1MT	0.0465473	0.0368398	0.384316	-2.60203	0.112708	0.506145	-1.97572	0.619169	0.820694
cg12623034	TOP1P1;FMO4	0.0461558	0.0173813	0.316758	-3.15699	0.110392	0.50129	-1.99485	0.143985	0.536292
cg01502373	TOP1P2;PIWIL3	4.19E-05	1.44E-05	0.323722	-3.08907	0.00323873	1.65189	1.65189	7.50E-05	0.407229
cg13627197	TOP1P2;PIWIL3	0.0002714	0.908475	0.980691	-1.01969	0.121904	0.752564	-1.32879	0.27317	0.824192
cg20571420	TOP1P2;PIWIL3	0.0016183	0.682117	1.09847	1.09847	0.0333538	0.567147	-1.76321	0.0190051	0.523285
cg23638640	TOP1P2;PIWIL3	0.00299493	0.625852	0.799284	-1.25112	0.136585	0.481315	-2.07764	0.130061	0.474463
cg22753462	TOP1P2;PIWIL3	0.00866821	0.0151964	0.421403	-2.37303	0.056624	0.53508	-1.86888	0.00592749	0.35238
cg19529709	TOP1P2;PIWIL3	0.0093204	0.184947	1.59454	1.59454	0.030084	2.33169	2.33169	0.0398095	2.20055
cg22897224	TOP1P2;PIWIL3	0.00939002	0.187168	0.717234	-1.39424	0.173106	1.41146	1.41146	0.00303122	0.380678
cg03043822	TOP1P2;PIWIL3	0.00966274	0.0242506	2.32705	2.32705	0.0672317	1.90586	1.90586	0.362631	1.34208
cg05312960	TOP1P2;PIWIL3	0.0278434	0.874359	0.972897	-1.02786	0.158128	0.769504	-1.29954	0.150968	0.765486
cg17586419	TOP1P2;PIWIL3	0.0497688	0.0151716	0.58444	-1.71104	0.0549974	0.675847	-1.47962	0.0304207	0.632495
cg25581784	TOP2A	2.30E-06	1.38E-07	0.094315	-10.6028	0.00185824	1.87511	1.87511	0.000200399	2.43157
cg05120042	TOP2A	0.00166961	0.0109227	0.556333	-1.79748	8.30E-05	0.272337	-3.67193	0.0767674	0.696783
cg03359285	TOP2A	0.00467317	0.00458095	0.779479	-1.28291	0.0172905	0.825818	-1.21092	0.28493	0.929313
cg26007540	TOP2A	0.0137023	0.00993276	0.559558	-1.78712	0.49751	0.884443	-1.13066	0.237485	1.24687
cg26134124	TOP2A	0.0212879	0.618965	1.06403	1.06403	0.568574	1.07394	1.07394	0.047049	0.754753
cg21740264	TOP2B	0.00242507	0.67616	1.09797	1.09797	0.0637047	1.59004	1.59004	0.00013633	4.34316
cg23531873	TOP2B	0.0186577	0.671934	1.1235	1.1235	0.0217416	0.470927	-2.12347	0.900582	1.03476
cg19576739	TOP2B	0.0207137	0.0951849	0.821163	-1.21779	0.379587	1.10171	1.10171	0.563676	1.06474
cg11841863	TOP2B	0.026652	0.0410346	3.69852	3.69852	0.464584	1.51119	1.51119	0.766946	0.848004
ch.3.541014R	TOP2B	0.0430038	0.948124	0.98197	-1.01836	0.591705	1.16346	1.16346	0.00138552	0.27355
cg03433560	TOP2B	0.0448851	0.6488	0.91744	-1.08999	0.472123	0.871584	-1.14734	0.0522393	1.51424
cg10237814	TOP3A	0.000883895	0.20311	0.777542	-1.2861	0.509939	1.13335	1.13335	0.0568487	1.4973
cg13096708	TOP3A	0.006217	0.0156558	0.586494	-1.70505	0.410213	0.859273	-1.16377	0.00510995	0.513603
cg25019549	TOP3A	0.00627605	0.324106	0.808832	-1.23635	0.461098	1.16921	1.16921	0.0173589	0.546849
cg14410018	TOP3A	0.00734498	0.182872	0.662346	-1.50979	0.325446	1.34439	1.34439	0.0155413	0.421076
cg25558099	TOP3A;SMCR8	7.45E-06	5.71E-05	3.20059	3.20059	0.0816675	1.35057	1.35057	0.000884168	2.17286
cg04668252	TOP3A;SMCR8	9.82E-05	0.1935	1.15071	1.15071	0.966441	1.0043	1.0043	0.00122251	1.62041
cg05202407	TOP3A;SMCR8	0.0291679	0.00540546	0.431663	-2.31662	0.078918	0.639132	-1.56462	0.155923	1.41667
cg22766770	TOP3A;SMCR8	0.0397233	0.0344513	0.750214	-1.33295	0.28671	1.13758	1.13758	0.986477	0.998027
cg04340553	TOP3B	0.000939355	0.00789487	0.419112	-2.38599	9.90E-05	0.171416	-5.83376	0.00201412	0.328917
cg14242091	TOP3B	0.00256065	0.0333369	0.632297	-1.58154	0.161095	1.31769	1.31769	0.000323594	2.92056
cg03909844	TOP3B	0.0169408	0.0241371	0.75243	-1.32903	0.0035473	0.658329	-1.519	0.0110117	0.71363
cg02945266	TOP3B	0.0244401	0.102259	0.422493	-2.3669	0.0804538	0.3929	-2.54518	0.0712031	0.378721
cg20491223	TOP3B	0.0271926	?	?	?	0.0822372	0.376091	-2.65893	0.00571686	0.0194397
cg03992191	TOP3B	0.0344385	0.748422	0.86141	-1.16089	0.0607479	0.375261	-2.66481	0.352043	1.55894
cg25371038	TOP3B;TOP3B	0.000767442	0.0111881	0.723154	-1.38283	0.0258684	1.30961	1.30961	0.296285	1.11674
cg04880506	TOP3B;TOP3B	0.0185543	0.304768	1.29849	1.29849	0.0681241	0.605274	-1.65214	0.654422	1.1171
cg01135868	TOPBP1	0.00675545	0.909659	0.992146	-1.00792	0.647684	0.968542	-1.03248	0.394843	1.06241
cg02387613	TOPBP1	0.0174242	0.0679663	0.791601	-1.26326	0.0351108	1.32396	1.32396	0.0321413	1.33232
cg13024018	TOPBP1	0.0371428	0.101251	0.458213	-2.18239	0.908194	1.04972	1.04972	0.113504	0.473703
cg14625753	TOPORS	0.00594684	0.99425	0.998379	-1.00162	0.011023	0.487889	-2.04965	0.000810867	0.320827
cg16705389	TOPORS	0.0152941	0.902655	1.0115	1.0115	0.00392964	0.695952	-1.43688	0.211145	0.884211
cg10716607	TOPORS	0.0241669	0.113251	1.37317	1.37317	0.00830223	1.86051	1.86051	0.00738589	1.88723
cg13824385	TOR1A	0.000110223	0.000476163	0.33668	-2.97018	0.000165859	0.279872	-3.57306	0.000128852	0.266936
cg00469800	TOR1A	0.00106468	0.0017748	0.366762	-2.72656	0.132042	0.693248	-1.44249	0.0408111	0.587329
cg21374864	TOR1A	0.0130679	0.297434	1.17043	1.17043	0.765316	0.957325	-1.04458	0.563244	1.08887
cg14600363	TOR1A	0.0335704	0.936329	1.03408	1.03408	0.816602	0.907151	-1.10235	0.0368234	0.361591
cg13994025	TOR1A	0.0477939	0.308533	1.13187	1.13187	0.0108917	1.45599	1.45599	0.00859583	1.48274
cg14526939	TOR1AIP1	0.00369434	0.0167218	0.543289	-1.84064	0.508685	1.15032	1.15032	0.0992646	1.45855
cg03115649	TOR1AIP1;TOR1AIP1	0.00967241	0.00586056	0.536214	-1.86493	0.0335705	0.651172	-1.53569	0.171262	1.28621
cg01957760	TOR1AIP2;TOR1AIP2	0.00927771	0.334664	0.834591	-1.19819	0.855509	0.967418	-1.03368	0.0979491	1.39084
cg26312149	TOR1AIP2;TOR1AIP2	0.0192762	0.0104692	0.149267	-6.69941	0.0298538	0.221209	-4.52062	0.25319	0.494392
cg07761912	TOR1AIP2;TOR1AIP2;TOR1AIP2;TOR1AIP2	0.0137105	0.010567	0.597938	-1.67241	0.122847	1.30645	1.30645	0.0858881	1.35458
cg14299800	TOR1B	0.000883863	0.754557	0.944143	-1.05916	0.275394	0.812238	-1.23117	5.65E-05	0.253907
cg21060854	TOR1B	0.00130921	0.0484339	0.743284	-1.34538	0.0720018	1.30244	1.30244	0.0143056	0.672045
cg22284222	TOR1B	0.0328815	0.40708	0.918955	-1.08819	0.453517	1.07907	1.07907	0.990241	1.00122
cg13514218	TOR2A;TOR2A;TOR2A;TOR2A	0.00734381	0.0160248	0.619588	-1.61397	0.0077435	0.573837	-1.74266	0.627235	0.92361
cg04844495	TOR3A	7.74E-06	5.71E-06	0.218646	-4.5736	3.76E-05	0.308018	-3.24656	0.000314752	0.419514
cg07824564	TOR3A	0.00101399	0.111229	0.800695	-1.24891	0.0673533	1.30033	1.30033	0.685619	1.05352
cg27403822	TOR3A	0.00253492	0.468186	0.931351	-1.07371	0.002612	1.49432	1.49432	0.000617768	1.66164
cg21265278	TOR3A	0.00939489	0.163541	0.723001	-1.38312	0.29577	0.789391	-1.2668	0.0298618	0.572658
cg18153213	TOR3A	0.0107681	0.0603576	0.819044	-1.22094	0.0151562	1.3247	1.3247	0.014445	1.32854
cg09807229	TOR3A	0.0161878	0.299533	1.30608	1.30608	0.000470288	0.2554	-3.91542	0.412308	0.812059
cg03743605	TOR3A	0.0361473	0.685616	1.20036	1.20036	0.0133683	3.95482	3.95482	0.357928	0.654276
cg22544342	TOR3A	0.0471406	0.0089723	1.58256	1.58256	0.32727	1.14992	1.14992	0.320713	1.15226
cg10821136	TOR3A	0.0478106	0.30594	0.674769	-1.48199	0.504296	0.777658	-1.28591	0.0214651	0.358693
cg07211044	TOX	0.00647667	0.00700095	0.209691	-4.76893	0.595529	0.786645	-1.27122	0.0277336	0.311784
cg12120845	TOX	0.00888308	0.173682	0.722501	-1.38408	0.00286533	0.398016	-2.51246	0.118906	0.683812
cg19003304	TOX	0.0108785	0.0187239	0.342261	-2.92175	0.000821271	0.150002	-6.66659	0.0796818	0.480969
cg00715122	TOX	0.0133267	0.00606425	0.398786	-2.50761	0.00840349	0.421662	-2.37157	0.022843	0.497249
cg13467254	TOX	0.0268173	0.289558	0.844034	-1.18479	0.138888	1.27854	1.27854	0.116143	1.30132
cg02892925	TOX	0.0296027	0.0719271	0.453433	-2.2054	0.652336	0.836487	-1.19548	0.101949	0.49422
cg00789528	TOX2	3.85E-05	0.00478844	0.544316	-1.83717	0.0113515	1.67347	1.67347	0.0181702	0.627563
cg18693412	TOX2	0.00194176	0.0888462	0.646994	-1.54561	0.285184	0.774828	-1.29061	0.841491	1.04682
cg11667451	TOX2	0.0259612	0.253339	0.878157	-1.13875	0.853281	0.980039	-1.02037	0.802359	1.02769
cg10900455	TOX2;TOX2;TOX2	0.00352608	0.00823233	0.227577	-4.39412	0.000272717	0.0733574	-13.6319	0.0876741	2.28326
cg04369341	TOX2;TOX2;TOX2	0.00713029	0.0211269	0.353542	-2.82852	0.00294423	0.216277	-4.62369	0.207595	1.64592
cg06239208	TOX2;TOX2;TOX2	0.00994604	0.722269	0.94964	-1.05303	0.537117	0.913489	-1.0947	0.0143241	1.54839
cg20889774	TOX2;TOX2;TOX2	0.012725	0.0290586	0.635425	-1.57375	0.00125366	0.435834	-2.29445	0.0251053	0.625255
cg21699894	TOX2;TOX2;TOX2	0.0189359	0.00604669	0.173282	-5.77096	0.00684005	0.180432	-5.54224	0.0844913	0.393431
cg06962944	TOX2;TOX2;TOX2	0.0410323	0.475398	2.37	2.37	0.0176078	0.0322706	-30.9879	0.0946985	8.87833
cg03454863	TOX2;TOX2;TOX2;TOX2	0.00646501	0.000533942	0.128655	-7.77271	0.529381	0.784735	-1.27432	0.790067	0.903471
cg22457287	TOX2;TOX2;TOX2;TOX2	0.0329373	0.379646	0.794423	-1.25878	0.00549034	0.393652	-2.54031	0.139723	0.666448
cg16970323	TOX2;TOX2;TOX2;TOX2	0.0432036	0.623982	0.913869	-1.09425	0.0725715	0.694053	-1.44081	0.0523235	0.668778
cg13459498	TOX2;TOX2;TOX2;TOX2;TOX2	0.029555	0.523094	1.75292	1.75292	0.00881814	0.055469	-18.0281	0.154819	3.74551
cg10160276	TOX3	0.000642587	0.000558537	0.296282	-3.37516	0.562797	1.1422	1.1422	0.0186472	0.52307
cg00455216	TOX3;TOX3	0.000614315	0.000146276	2.00887	2.00887	0.346889	0.901764	-1.10894	0.000221563	0.518603
cg05550276	TOX3;TOX3	0.00605567	0.0404967	1.45111	1.45111	0.0180259	1.57168	1.57168	0.86989	0.974533
cg11410436	TOX3;TOX3	0.0148006	0.000633963	0.187915	-5.32155	0.220909	0.663757	-1.50658	0.0500281	0.490803
cg01200905	TOX3;TOX3	0.0305183	0.2001	0.486375	-2.05603	0.0105541	0.180301	-5.54629	0.44885	0.662991
cg08448725	TOX3;TOX3	0.036278	0.00276618	0.170286	-5.87248	0.340445	0.65617	-1.524	0.697346	1.18248
cg01942543	TOX3;TOX3	0.0368751	0.231876	1.35932	1.35932	0.0138716	2.1051	2.1051	0.327765	0.780887
cg04493488	TOX3;TOX3	0.0377053	0.0869204	0.513107	-1.94891	0.00511493	0.271005	-3.68997	0.365476	0.720227
cg26648818	TOX3;TOX3	0.0391341	0.00748339	0.282228	-3.54323	0.600888	1.21401	1.21401	0.441272	0.749378
cg01404163	TOX3;TOX3	0.0394625	0.0039106	0.168038	-5.95103	0.250454	0.576094	-1.73583	0.246732	0.573364
cg02709321	TOX3;TOX3	0.0419289	0.00994898	0.356538	-2.80475	0.894306	0.958765	-1.04301	0.0857547	0.547943
cg25556343	TOX4;RAB2B;RAB2B;TOX4;RAB2B	0.0101029	0.00136611	0.0821878	-12.1673	0.00578336	0.148051	-6.75442	0.311668	0.587462
cg06365412	TP53;TP53;TP53;TP53	0.0241409	0.0305768	0.679579	-1.4715	0.621745	0.927182	-1.07854	0.321077	0.855685
cg22949073	TP53;TP53;TP53;TP53;TP53;TP53;TP53	0.0197463	0.0666722	0.471418	-2.12126	0.00843472	0.292217	-3.42211	0.00881083	0.295304
cg02087342	TP53;TP53;TP53;TP53;TP53;TP53;TP53	0.0215818	0.00193928	0.194354	-5.14524	0.344849	0.695264	-1.4383	0.398692	0.724133
cg02045224	TP53;WRAP53;TP53;WRAP53;WRAP53; TP53;TP53;WRAP53	0.000648207	0.941278	1.0115	1.0115	0.604392	0.922088	-1.0845	0.0104874	0.606589
cg02166782	TP53;WRAP53;TP53;WRAP53;WRAP53; TP53;TP53;WRAP53	0.000681404	0.000873166	0.734784	-1.36094	0.0229218	0.845368	-1.18292	0.00365358	0.784536

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21050342	TP53;WRAP53;TP53;WRAP53;WRAP53;TP53;TP53;WRAP53	0.0466357	0.744507	1.03452	1.03452	0.590901	1.05794	1.05794	0.0491651	0.792107	-1.26246	0.519636	0.934497	-1.07009	0.815853	1.02451	1.02451	0.0880153	0.822505	-1.2158	0.00703341	0.696534	-1.43568	0.0603499	0.802644	-1.24588	0.0160792	0.736574	-1.35764	3.47859	0.593466	0.151649	1
cg08119584	TP53;WRAP53;WRAP53;TP53;TP53;TP53	0.0182233	0.0434699	0.812153	-1.23129	0.659343	1.04055	1.04055	0.0657731	0.831096	-1.20323	0.732431	0.969716	-1.03123	0.00143075	1.51168	1.51168	0.502778	1.06284	1.06284	0.298699	1.10133	1.10133	0.0487155	1.22351	1.22351	0.916811	0.990681	-1.00941	4.85494	0.617403	0.11304	1
cg07991600	TP53;WRAP53;WRAP53;TP53;TP53;TP53	0.0219175	0.0736373	1.62501	1.62501	0.0926044	1.5692	1.5692	0.8387	1.05087	1.05087	0.186439	1.40634	1.40634	0.191125	1.4007	1.4007	0.00130523	0.319941	-3.12557	0.928012	1.02224	1.02224	0.42976	0.821827	-1.2168	0.299555	1.29919	1.29919	4.55981	4.28026	0.834393	1
cg23290969	TP53;WRAP53;WRAP53;TP53;TP53;TP53	0.0445232	0.756208	0.926529	-1.0793	0.265392	1.32896	1.32896	0.00930743	2.2443	2.2443	0.958765	0.987411	-1.01275	0.0480904	0.574884	-1.73948	0.205305	1.38741	1.38741	0.015422	2.07167	2.07167	0.551877	1.15892	1.15892	0.155175	1.45171	1.45171	3.5396	3.36586	0.845257	1
cg14118187	TP53AIP1	0.000648363	0.0148896	1.31667	1.31667	0.441113	0.930385	-1.07482	4.06E-05	2.05343	2.05343	0.515352	0.941207	-1.06247	0.0266192	1.27298	1.27298	0.799628	1.02364	1.02364	0.000350936	1.695	1.695	0.229677	0.890676	-1.12274	0.0105046	1.34418	1.34418	13.293	1.7764	0.118786	1
cg25022327	TP53AIP1	0.00867341	0.104492	0.72574	-1.3779	0.000510904	2.66521	2.66521	0.052492	1.48928	1.48928	0.670078	0.925504	-1.08049	0.940261	1.01363	1.01363	0.650453	0.920899	-1.0859	0.00526329	1.94391	1.94391	0.421172	1.16003	1.16003	0.261523	1.23555	1.23555	6.18439	3.19617	0.459389	1
cg19889666	TP53AIP1	0.0124362	0.0996459	1.373	1.373	0.0908568	1.3871	1.3871	0.0765093	1.41358	1.41358	0.0864379	1.39474	1.39474	0.387242	0.85583	-1.16846	0.00566025	1.89215	1.89215	0.000858537	2.40937	2.40937	0.591745	0.909281	-1.09977	0.0742567	1.41822	1.41822	5.50921	2.69245	0.434416	1
cg23811942	TP53AIP1	0.030916	0.334689	1.70532	1.70532	0.474253	1.4776	1.4776	0.207641	0.490262	-2.03972	0.78624	1.157	1.157	0.0213573	0.226763	-4.4099	0.34447	0.593092	-1.68608	0.00335853	0.117574	-8.50526	0.0697856	2.96792	2.96792	0.813582	1.13511	1.13511	4.04334	18.4306	4.05179	1
cg25904585	TP53AIP1	0.0366416	0.098925	0.333095	-3.00215	0.00792522	0.126304	-7.91739	0.0252798	0.198638	-5.03429	0.100699	0.335373	-2.98176	0.0267778	0.20304	-4.92515	0.0680607	0.288909	-3.4613	0.00702285	0.120287	-8.31347	0.115612	0.35369	-2.82734	0.175432	0.41664	-2.40016	3.80333	22.2411	5.19805	1
cg03996398	TP53AIP1	0.0454564	0.482037	1.43644	1.43644	0.362082	1.60771	1.60771	0.276905	0.563734	-1.77389	0.660359	1.25122	1.25122	0.0230112	0.252064	-3.96725	0.331054	0.601508	-1.66249	0.0111021	0.199124	-5.02201	0.0387245	3.36447	3.36447	0.699045	1.21762	1.21762	3.51222	14.2896	3.61648	1
cg10116840	TP53AIP1	0.0477158	0.236989	1.85989	1.85989	0.0138147	4.59069	4.59069	0.0286854	3.64207	3.64207	0.15846	2.1277	2.1277	0.0540446	0.334468	-2.98982	0.0428477	3.21367	3.21367	0.934113	0.959435	-1.04228	0.201961	1.96361	1.96361	0.377932	1.57317	1.57317	3.4487	13.7007	3.53131	1
cg08432383	TP53AIP1	0.0494038	0.317611	1.68427	1.68427	0.398008	1.54761	1.54761	0.190986	0.497201	-2.01126	0.961089	1.02493	1.02493	0.0128921	0.210538	-4.74974	0.455975	0.681696	-1.46693	0.00737781	0.175107	-5.71078	0.19967	1.98137	1.98137	0.792411	0.875369	-1.14238	3.40361	13.7287	3.58539	1
cg21033709	TP53AIP1;TP53AIP1	0.00497895	0.0788597	1.72848	1.72848	0.000750153	4.19505	4.19505	0.0617274	1.80409	1.80409	0.0135324	2.35617	2.35617	0.858989	0.951355	-1.05113	0.0282344	2.06781	2.06781	0.00223753	3.32123	3.32123	0.0374675	1.96802	1.96802	0.00258072	3.22664	3.22664	7.34805	9.15159	1.10706	1
cg16034669	TP53BP1	0.00197397	0.062962	0.844612	-1.18398	0.000459689	1.56084	1.56084	0.000450059	1.56309	1.56309	0.559538	1.04879	1.04879	0.31307	1.08789	1.08789	0.0263921	0.808513	-1.23684	0.670024	1.03521	1.03521	0.214783	1.11119	1.11119	0.0327014	1.22354	1.22354	9.67876	0.99908	0.0917546	1
cg18585940	TP53BP1	0.00615418	0.0306748	0.805355	-1.24169	0.163811	1.13506	1.13506	0.279783	1.10054	1.10054	0.640645	0.960709	-1.0409	0.377477	0.925694	-1.08027	0.0011958	0.667097	-1.49903	0.0358023	0.811996	-1.23153	0.00690178	1.34738	1.34738	0.243734	1.10959	1.10959	6.88498	0.792694	0.102341	1
cg05874476	TP53BP1	0.010135	0.759745	0.968508	-1.03252	0.124212	1.18965	1.18965	0.923231	1.01011	1.01011	0.181292	0.862388	-1.15957	0.512371	0.933031	-1.07178	0.0328522	0.770743	-1.29745	0.00153266	0.621466	-1.6091	0.00382832	0.665836	-1.50187	0.127476	1.1876	1.1876	5.88532	1.0144	0.153209	1
cg04678936	TP53BP1;TP53BP1	0.0437856	0.234488	1.182	1.182	0.774825	0.962248	-1.03923	0.982369	0.997039	-1.00297	0.114862	1.25866	1.25866	0.460051	1.10619	1.10619	0.0109208	0.651385	-1.53519	0.67164	0.944397	-1.05888	0.768144	0.961111	-1.04046	0.00730183	1.59068	1.59068	3.56175	1.01552	0.253438	1
cg02630829	TP53BP1;TP53BP1;TP53BP1	0.000123537	0.101357	0.883594	-1.13174	0.000111579	0.625809	-1.59793	0.00254736	0.749128	-1.33489	0.444656	1.05523	1.05523	0.000675899	0.698682	-1.43127	0.00039799	0.677813	-1.47533	1.21E-05	0.528508	-1.89212	0.502046	1.04813	1.04813	0.00272159	0.751583	-1.33053	20.9213	1.5771	0.067007	1
cg24216889	TP53BP1;TP53BP1;TP53BP1	0.00077306	0.998296	1.00047	1.00047	0.013784	1.94579	1.94579	0.00555545	2.21787	2.21787	0.119229	1.4473	1.4473	0.000213206	3.86709	3.86709	0.00437978	2.29809	2.29809	0.00450403	0.436981	-2.28843	0.00887419	0.482772	-2.07137	0.296809	1.26683	1.26683	12.6534	9.5811	0.673062	1
cg01388144	TP53BP1;TP53BP1;TP53BP1	0.00108427	0.0725032	2.11494	2.11494	0.00238127	4.86982	4.86982	0.0477459	2.33058	2.33058	0.78959	0.904869	-1.10513	0.0157469	3.02243	3.02243	0.726668	1.14017	1.14017	0.000386375	0.120473	-8.30058	0.0139119	0.321197	-3.11335	0.0109711	0.303306	-3.297	11.4993	25.4439	1.9668	1
cg27340001	TP53BP1;TP53BP1;TP53BP1	0.00267919	0.0018866	0.342036	-2.92367	0.340761	1.27009	1.27009	0.389351	0.806677	-1.23965	0.202273	0.720458	-1.38801	0.00148553	0.327531	-3.05314	0.0632955	0.601312	-1.66303	0.00047086	0.262323	-3.81209	0.0942337	1.56526	1.56526	0.804832	0.941487	-1.06215	8.84959	8.31281	0.834973	1
cg22129639	TP53BP1;TP53BP1;TP53BP1	0.00320532	0.176171	1.4331	1.4331	0.171137	1.43996	1.43996	0.00200737	2.97683	2.97683	0.0207889	0.498407	-2.00639	0.195679	1.40834	1.40834	0.0560491	0.581871	-1.7186	0.633762	0.886832	-1.12761	0.000998186	0.294353	-3.39728	0.118575	0.654457	-1.52799	8.3913	8.32072	0.881413	1
cg12309516	TP53BP1;TP53BP1;TP53BP1	0.00428968	0.0463332	1.2999	1.2999	0.0116422	1.43674	1.43674	0.040685	1.31202	1.31202	0.4332	1.09627	1.09627	0.638163	1.05594	1.05594	0.166632	0.844112	-1.18468	0.00154755	0.59264	-1.68737	0.714979	1.04305	1.04305	0.002772	1.6067	1.6067	7.68842	1.60814	0.185923	1
cg07106615	TP53BP1;TP53BP1;TP53BP1	0.0100477	0.00301245	0.318849	-3.13628	0.0868846	0.587779	-1.70132	0.10103	0.603669	-1.65654	0.0523468	0.537859	-1.85922	0.00157085	0.279063	-3.58343	0.0423042	0.518232	-1.92964	0.0107384	0.406175	-2.46199	0.278626	1.37246	1.37246	0.170242	0.663315	-1.50758	5.90163	7.38296	1.112	1
ch.15.492843F	TP53BP1;TP53BP1;TP53BP1	0.0112353	0.0262756	0.734732	-1.36104	0.60827	1.06233	1.06233	0.027843	0.737855	-1.35528	0.0507777	1.29729	1.29729	0.00342684	1.59204	1.59204	0.911779	1.01305	1.01305	0.203326	0.854667	-1.17005	0.868512	0.980809	-1.01957	0.0245579	1.3678	1.3678	5.69352	1.23337	0.192557	1
cg05835456	TP53BP1;TP53BP1;TP53BP1	0.0152412	0.690876	1.04231	1.04231	0.583689	0.944236	-1.05906	0.316267	0.898146	-1.11341	0.0313125	0.769586	-1.2994	0.00490978	0.679484	-1.4717	0.0863063	0.821625	-1.2171	0.117867	1.19251	1.19251	0.021388	1.33199	1.33199	0.0803964	1.22272	1.22272	5.15343	0.877366	0.151333	1
cg11418427	TP53BP2;TP53BP2	0.00114638	0.167002	0.629819	-1.58776	0.230321	0.673727	-1.48428	0.780771	1.0915	1.0915	0.183987	1.55627	1.55627	0.488363	1.24721	1.24721	1.83E-05	0.0644339	-15.5198	?	?	?	0.11512	0.58414	-1.71192	0.396166	0.761337	-1.31348	11.585	16.0617	1.38642	1
cg01022171	TP53BP2;TP53BP2	0.00485798	0.696422	1.16194	1.16194	0.020809	0.344713	-2.90097	0.139764	0.54431	-1.83719	0.437527	1.35413	1.35413	0.063069	0.449179	-2.22628	7.97E-05	0.0653409	-15.3044	0.690923	0.858146	-1.1653	0.594331	0.814025	-1.22846	0.695943	0.860416	-1.16223	7.40338	17.1809	2.06283	1
cg11145399	TP53BP2;TP53BP2	0.00490726	0.409125	0.841613	-1.18819	0.00464873	2.15742	2.15742	0.764769	0.940547	-1.06321	0.00457995	2.16194	2.16194	0.0218126	0.569933	-1.75459	0.00332777	2.26223	2.26223	0.344252	1.22017	1.22017	0.553132	0.884667	-1.13037	0.0156883	1.83109	1.83109	7.38063	4.87679	0.587338	1
cg15700160	TP53BP2;TP53BP2	0.00904586	0.135731	1.23443	1.23443	0.01484	0.67531	-1.4808	0.10223	0.791154	-1.26398	0.63951	1.06374	1.06374	0.0323245	0.720155	-1.38859	0.0892706	0.782356	-1.27819	0.000404694	0.478791	-2.0886	0.260145	0.857396	-1.16632	0.423414	0.898437	-1.11304	6.10252	1.65833	0.241551	1
cg02526551	TP53BP2;TP53BP2	0.00997506	0.00655178	0.324203	-3.08449	0.0725821	0.527875	-1.89439	0.00376219	0.287293	-3.48077	0.128418	0.59208	-1.68896	0.619068	0.852275	-1.17333	0.393637	0.756785	-1.32138	0.000849158	0.202038	-4.94957	0.468913	0.790566	-1.26492	0.0158962	0.389912	-2.56468	5.91534	9.5291	1.43192	1
cg20695057	TP53BP2;TP53BP2	0.0111367	0.993657	0.997293	-1.00271	0.417926	1.32614	1.32614	0.0993638	1.85148	1.85148	0.00361153	0.260974	-3.83181	0.00605854	0.294551	-3.395	0.0800103	0.515624	-1.9394	0.280606	1.46586	1.46586	0.974713	0.98925	-1.01087	0.028698	2.41082	2.41082	5.70974	10.5156	1.63707	1
cg16028934	TP53BP2;TP53BP2	0.0148134	0.0768078	0.863569	-1.15798	0.00657723	0.768704	-1.30089	0.623685	0.963813	-1.03755	0.605397	0.961898	-1.03961	0.554146	1.04561	1.04561	0.0139867	0.797547	-1.25384	0.0106842	0.78727	-1.27021	0.365499	1.07176	1.07176	0.0327233	1.2047	1.2047	5.20217	0.457717	0.0782096	1
cg15134583	TP53BP2;TP53BP2	0.0250124	0.215407	0.764928	-1.30731	0.0869547	1.47473	1.47473	0.998344	1.00043	1.00043	0.013489	0.533385	-1.87482	0.0223143	0.569641	-1.75549	0.608933	0.899387	-1.11187	0.949951	0.987182	-1.01298	0.0245558	1.73392	1.73392	0.0465604	0.625988	-1.59747	4.35648	2.91407	0.594581	1
cg03992323	TP53BP2;TP53BP2	0.0472034	0.288752	0.670363	-1.49173	0.239582	1.56397	1.56397	0.263219	0.654697	-1.52742	0.640039	0.842784	-1.18654	0.0294877	0.39417	-2.53698	0.205178	0.615427	-1.62489	0.00898466	0.299237	-3.34184	0.245147	1.55502	1.55502	0.0268941	0.386015	-2.59057	3.46277	7.23287	1.85667	1
cg02655745	TP53BP2;TP53BP2	0.0487812	0.87338	0.972686	-1.02808	0.0390332	1.51409	1.51409	0.0132996	1.70341	1.70341	0.60264	0.91283	-1.09549	0.423018	1.15269	1.15269	0.641907	1.08472	1.08472	0.011494	0.577531	-1.73151	0.585491	1.10035	1.10035	0.581562	1.10148	1.10148	3.42001	1.63322	0.424487	1
cg07619142	TP53I11;TP53I11	5.37E-05	0.0364708	1.74097	1.74097	0.268802	0.768999	-1.30039	0.00231792	2.63893	2.63893	0.0297234	1.79233	1.79233	0.015449	0.507803	-1.96927	0.000290618	3.84819	3.84819	2.64E-06	13.2076	13.2076	0.000125976	4.5846	4.5846	0.0752688	1.57098	1.57098	26.1236	21.52	0.732244	1
cg01859616	TP53I11;TP53I11	0.000412647	0.793492	0.940619	-1.06313	0.536123	0.863993	-1.15742	0.0020818	2.74853	2.74853	0.476105	1.18421	1.18421	0.0110004	0.475031	-2.10513	0.123953	1.47514	1.47514	2.18E-05	7.32462	7.32462	0.0014587	2.92311	2.92311	0.463695	0.840265	-1.1901	15.0702	12.9957	0.766526	1
cg16997203	TP53I11;TP53I11	0.000903941	0.0131987	0.538107	-1.85837	0.0125832	1.86993	1.86993	0.000145568	3.73951	3.73951	0.524232	1.13903	1.13903	0.0244787	0.582404	-1.71702	0.00812957	1.98064	1.98064	0.095133	0.690813	-1.44757	0.0265504	0.588418	-1.69947	0.28116	0.797769	-1.25349	12.1078	7.80178	0.572767	1
cg06757048	TP53I11;TP53I11	0.00280754	0.00925359	0.679468	-1.47174	0.000304987	0.503391	-1.98653	0.049161	0.768947	-1.30048	0.0262741	1.36122	1.36122	0.517204	0.926049	-1.07986	0.389114	1.10878	1.10878	0.0189209	1.39454	1.39454	0.251214	0.869131	-1.15057	0.154389	0.836635	-1.19526	8.72802	1.89228	0.192716	1
cg24862514	TP53I11;TP53I11	0.00769023	0.754478	0.89959	-1.11162	0.0736859	1.95915	1.95915	0.0385505	2.2442	2.2442	0.803609	0.919393	-1.08767	0.00281728	0.249614	-4.00618	0.0701537	1.9795	1.9795	0.013159	0.354549	-2.82049	0.0185951	0.381958	-2.61809	0.168413	0.609542	-1.64057	6.42337	11.5736	1.60159	1
cg07301180	TP53I11;TP53I11	0.0267658	0.316172	1.23208	1.23208	0.499359	1.14808	1.14808	0.0746478	0.67038	-1.49169	0.0103061	1.91743	1.91743	0.00997978	0.51933	-1.92556	0.168142	1.34419	1.34419	0.291937	0.802347	-1.24634	0.140247	0.726476	-1.37651	0.664875	0.915967	-1.09174	4.25464	2.73292	0.570968	1
cg07916488	TP53I11;TP53I11	0.0355838	0.650822	1.06001	1.06001	0.003952	1.64181	1.64181	0.0186055	1.44037	1.44037	0.255995	0.859286	-1.16376	0.869095	0.979125	-1.02132	0.450258	0.906294	-1.10339	0.104401	1.25487	1.25487	0.591352	0.933032	-1.07177	0.0648611	1.30366	1.30366	3.84402	0.995864	0.230283	1
cg00032419	TP53I13	0.0204085	0.584758	1.35167	1.35167	0.22369	2.03041	2.03041	0.00195082	0.0650943	-15.3623	0.37077	0.60355	-1.65686	0.69281	1.24167	1.24167	?	?	?	?	?	?	0.0386061	3.96484	3.96484	0.569463	1.36895	1.36895	6.19882	21.5345	2.97769	1
cg20763553	TP53I3;TP53I3	0.00600077	0.218229	0.715574	-1.39748	0.57063	0.862344	-1.15963	0.52848	1.17942	1.17942	0.381882	0.793149	-1.2608	0.31615	0.765058	-1.30709	0.290007	0.752933	-1.32814	8.52E-05	0.161309	-6.19929	0.0290589	0.514376	-1.9441	0.0422098	0.546221	-1.83076	6.93888	7.33819	0.940042	1
cg10884103	TP53I3;TP53I3	0.0323225	0.0308081	1.89684	1.89684	0.017208	0.480614	-2.08067	0.469279	1.20423	1.20423	0.708293	1.09952	1.09952	0.013683	2.15904	2.15904	0.694251	0.905087	-1.10487	0.204288	1.40235	1.40235	0.0772679	1.64183	1.64183	0.266105	0.746396	-1.33977	3.97956	4.01589	0.897003	1
cg01824466	TP53INP1;TP53INP1	0.0104748	0.0500382	0.425225	-2.3517	0.003208	4.66159	4.66159	0.0233859	2.81963	2.81963	0.596247	1.22706	1.22706	0.0679283	0.457295	-2.18677	0.57187	1.24434	1.24434	0.151246	1.80131	1.80131	0.0904854	2.04177	2.04177	0.0324669	0.383643	-2.60659	5.82343	13.5067	2.06166	1
cg08755736	TP53INP1;TP53INP1	0.0226216	0.00924416	0.21261	-4.70344	0.806267	0.891226	-1.12205	0.632577	1.25326	1.25326	0.505184	0.728409	-1.37285	0.0016366	0.120756	-8.28118	0.148575	0.483759	-2.06714	0.526508	0.740252	-1.35089	0.156667	2.03403	2.03403	0.0799948	0.402361	-2.48533	4.51055	15.6912	3.09223	1
cg21701395	TP53INP1;TP53INP1;TP53INP1;TP53INP1	0.0144438	0.000397051	0.0423524	-23.6114	0.426964	0.634576	-1.57586	0.459392	0.655478	-1.5256	0.351005	0.583786	-1.71296	0.0828548	0.340658	-2.93549	0.0270604	0.230495	-4.33848	?	?	?	0.557883	1.39416	1.39416	0.971436	0.980123	-1.02028	5.34586	23.6613	4.42609	1
cg15636879	TP53INP2	0.000562197	0.0393563	0.758357	-1.31864	0.244011	1.15193	1.15193	0.245509	1.15136	1.15136	0.0618978	1.2763	1.2763	0.00662956	0.664378	-1.50517	0.00705355	0.667579	-1.49795	0.000369523	0.516109	-1.93758	0.00026378	2.00488	2.00488	0.354345	0.895325	-1.11691	13.8324	2.94976	0.189555	1
cg12302830	TP53INP2	0.00115928	0.0462363	0.793708	-1.25991	0.250748	0.885666	-1.12909	0.556736	1.06198	1.06198	0.381379	0.91317	-1.09509	0.0852027	0.824867	-1.21232	0.000712196	1.68462	1.68462	9.92E-05	0.497107	-2.01164	0.0380887	0.784096	-1.27535	0.703989	0.962117	-1.03937	11.2823	1.82897	0.144097	1
cg01538392	TP53INP2	0.00431596	0.00741326	0.266405	-3.75368	0.00161997	0.176819	-5.65549	0.176836	0.576652	-1.73415	0.0265183	0.364763	-2.7415	0.00140752	0.169802	-5.88921	0.0438498	0.411338	-2.43109	0.00189715	0.184942	-5.40711	0.00470406	0.236818	-4.22265	0.0694731	0.459016	-2.17858	7.67422	17.873	2.0702	1
cg16352321	TP53INP2	0.00567632	0.021965	0.71033	-1.4078	0.00564061	1.5716	1.5716	0.940278	1.00937	1.00937	0.126118	0.813864	-1.22871	0.0169806	0.696076	-1.43663	0.105055	1.24661	1.24661	0.43194	0.905003	-1.10497	0.00744413	1.53563	1.53563	0.0327186	0.732737	-1.36475	7.05877	1.73154	0.218048	1
cg00876694	TP53INP2	0.00793508	0.0120933	2.63681	2.63681	0.0458886	2.03226	2.03226	0.0360247	0.469657	-2.12921	0.00273724	3.60199	3.60199	0.188145	1.5406	1.5406	0.513389	1.22802	1.22802	0.0781351	0.545233	-1.83408	0.016176	2.4886	2.4886	0.507642	0.811969	-1.23157	6.36043	9.67411	1.35199	1
cg04270048	TP53INP2	0.0161727	0.00374069	0.24673	-4.05302	0.727911	0.882623	-1.13299	0.203008	0.618537	-1.61672	0.0319463	0.407159	-2.45604	0.0106748	0.317471	-3.14989	0.142108	0.568825	-1.75801	0.0251451	0.385946	-2.59104	0.00350429	0.242738	-4.11968	0.0321042	0.407607	-2.45335	5.05291	10.2268	1.79906	1
cg02918224	TP53INP2	0.0183804	0.130556	0.732038	-1.36605	0.00100101	2.54287	2.54287	0.0357713	1.59476	1.59476	0.536225	1.12711	1.12711	0.343019	0.82976	-1.20517	0.115133	1.38716	1.38716	0.236936	0.789217	-1.26708	0.291471	1.23258	1.23258	0.444855	1.16043	1.16043	4.84093	2.79804	0.513775	1
cg16810054	TP53INP2	0.0224793	0.129252	0.465007	-2.15051	0.427342	0.684849	-1.46018	0.0179446	3.83216	3.83216	0.584292	0.772528	-1.29445	0.237785	0.561212	-1.78186	0.298017	1.65519	1.65519	0.00174347	0.124308	-8.0445	0.189589	0.52254	-1.91373	0.97617	1.01405	1.01405	4.52035	15.621	3.07174	1
cg00820065	TP53INP2	0.0380895	0.37233	0.934916	-1.06961	0.00981612	1.27106	1.27106	0.0147405	1.24674	1.24674	0.147631	1.12092	1.12092	0.371385	1.06976	1.06976	0.272916	1.08746	1.08746	0.0408737	0.840783	-1.18937	0.245167	1.09343	1.09343	0.754129	1.02335	1.02335	3.74991	0.320639	0.0760052	1
cg12266151	TP53INP2	0.0486084	0.121863	1.33707	1.33707	0.384729	0.856948	-1.16693	0.624127	1.08932	1.08932	0.142609	0.761097	-1.31389	0.384585	0.856906	-1.16699	0.843029	0.966239	-1.03494	0.126154	1.33195	1.33195	0.0120083	1.72075	1.72075	0.0165942	1.66	1.66	3.42461	1.62753	0.422441	1
cg00199059	TP53RK	0.000375718	0.00325535	0.49413	-2.02376	0.000601924	0.39466	-2.53383	0.133568	0.752532	-1.32885	0.250256	0.809694	-1.23503	0.00440318	0.512741	-1.9503	0.0897522	0.719905	-1.38907	0.000433179	0.376149	-2.65852	1.38E-05	0.202853	-4.92968	0.0558684	0.683453	-1.46316	15.4647	7.56124	0.434608	1
cg24597927	TP53RK	0.00306347	0.134812	1.18126	1.18126	0.0318236	1.29689	1.29689	0.0624612	0.805206	-1.24192	0.134401	1.1815	1.1815	0.645761	1.04899	1.04899	0.0506051	1.25881	1.25881	0.00184123	0.633159	-1.57938	0.887182	0.985439	-1.01478	0.000701554	1.70558	1.70558	8.50509	1.43813	0.150303	1
cg20613370	TP53RK	0.00342975	0.0241686	0.753424	-1.32727	0.0589883	1.25182	1.25182	0.0187768	1.34971	1.34971	0.0126166	1.38632	1.38632	0.00430531	0.668941	-1.4949	0.0944145	0.823947	-1.21367	0.354091	0.904459	-1.10563	0.560954	1.06388	1.06388	0.00397541	0.665065	-1.50361	8.22353	1.44485	0.156175	1
cg07987148	TP53RK	0.00476576	0.00212019	0.271059	-3.68924	0.0105405	0.378156	-2.64441	0.0232783	0.440658	-2.26933	0.421568	1.28161	1.28161	0.0025381	0.281944	-3.5468	0.444902	0.790293	-1.26535	0.00134038	0.2445	-4.08997	0.853058	1.05763	1.05763	0.0797463	0.555641	-1.79972	7.44672	10.7712	1.28572	1
cg10775894	TP53RK	0.0113019	0.71774	0.891176	-1.12211	0.0156063	2.56254	2.56254	0.0101168	2.80042	2.80042	0.718808	1.1216	1.1216	0.0414672	0.474144	-2.10907	0.770956	1.09708	1.09708	0.00461788	0.302334	-3.3076	0.0837029	0.544699	-1.83588	0.509825	0.808805	-1.23639	5.68267	9.06583	1.41808	1
cg23530972	TP53RK;SLC13A3	0.0158154	0.201677	1.35259	1.35259	0.769234	1.06812	1.06812	0.885004	1.03295	1.03295	0.775865	0.938058	-1.06603	0.88705	0.968665	-1.03235	0.546781	1.14637	1.14637	0.00039626	3.53789	3.53789	0.0444349	0.596253	-1.67714	0.230211	1.32576	1.32576	5.09059	4.04576	0.706447	1
cg04107539	TP53TG1	0.0486771	0.0445747	0.786988	-1.27067	0.251035	1.13265	1.13265	0.713698	0.962451	-1.03901	0.018265	1.34654	1.34654	0.114114	0.836517	-1.19543	0.645232	0.952992	-1.04933	0.021905	1.33058	1.33058	0.623191	0.949866	-1.05278	0.819237	0.976506	-1.02406	3.42278	0.58476	0.151861	1
cg16063666	TP53TG1;CROT;CROT;CROT	0.00245417	0.395789	0.889829	-1.12381	0.155526	1.22628	1.22628	0.0296876	1.4099	1.4099	0.0620156	0.754245	-1.32583	0.0128738	0.660653	-1.51365	0.429357	0.897373	-1.11436	0.000114967	2.47935	2.47935	0.762104	1.04159	1.04159	0.561463	1.08199	1.08199	9.08134	2.59119	0.253628	1
cg14001567	TP53TG1;CROT;CROT;CROT	0.0483937	0.349957	0.706479	-1.41547	0.277868	1.5031	1.5031	0.236401	1.56527	1.56527	0.0291073	0.395047	-2.53134	0.541723	0.800046	-1.24993	0.378844	1.3855	1.3855	0.23161	1.57321	1.57321	0.0303679	0.398843	-2.50725	0.0300615	2.51299	2.51299	3.43036	7.08605	1.83617	1
cg24722763	TP53TG5;SYS1-DBNDD2	0.0270834	0.018416	15.7812	15.7812	0.0402125	9.84367	9.84367	0.0490858	8.7352	8.7352	0.0928401	5.95355	5.95355	0.521286	1.87233	1.87233	0.138554	4.65701	4.65701	0.030768	11.5607	11.5607	0.00180588	72.3238	72.3238	0.054824	8.17537	8.17537	4.23708	62.4599	13.1034	1
cg08040824	TP63;TP63;TP63	4.50E-05	0.00244177	0.398904	-2.50687	2.37E-05	0.159047	-6.28744	0.0100466	0.492596	-2.03006	0.0585718	1.59306	1.59306	4.64E-06	0.101363	-9.86554	0.0341011	0.583387	-1.71413	0.00711199	2.1334	2.1334	0.15575	1.39234	1.39234	0.0375875	0.591139	-1.69165	27.3769	20.5917	0.668581	1
cg04489243	TP63;TP63;TP63	0.0045024	0.141347	0.557321	-1.7943	0.00184993	0.195229	-5.1222	0.0110827	0.308109	-3.2456	0.255887	0.645083	-1.55019	0.253053	0.643244	-1.55462	0.000856358	0.157078	-6.36627	0.00141773	0.181406	-5.51249	0.750288	1.12526	1.12526	0.0281815	0.383665	-2.60644	7.5765	16.393	1.92325	1
cg05129081	TP63;TP63;TP63	0.0484444	0.371828	0.634635	-1.57571	0.00733689	0.180151	-5.55091	0.058454	0.346366	-2.88712	0.199952	0.510965	-1.95708	0.0185022	0.242536	-4.12311	0.041184	0.310954	-3.21591	0.0207136	0.251278	-3.97966	0.925684	0.954788	-1.04735	0.139262	0.454245	-2.20146	3.429	13.3553	3.46206	1
cg09368199	TP63;TP63;TP63;TP63	0.00230427	0.0211465	0.592892	-1.68665	0.00310383	0.466301	-2.14454	0.017449	0.579447	-1.72578	0.00146102	0.420377	-2.37882	0.00324257	0.469025	-2.13208	0.0188041	0.584654	-1.71041	0.000802355	0.385163	-2.5963	0.0704608	0.683012	-1.4641	0.000987092	0.397207	-2.51758	9.25096	5.20977	0.500586	1
cg18304052	TP63;TP63;TP63;TP63	0.00427979	0.0251496	0.509217	-1.9638	0.020388	0.492454	-2.03065	0.00282381	0.352642	-2.83574	0.0917162	0.624662	-1.60087	0.00620486	0.404835	-2.47014	0.802212	0.938377	-1.06567	0.0535056	1.74323	1.74323	0.761509	0.925761	-1.08019	0.000968374	0.288055	-3.47156	7.6938	7.82534	0.904087	1
cg19400113	TP63;TP63;TP63;TP63;MIR944;TP63;TP63	0.00408422	0.316635	0.699695	-1.4292	0.0033285	0.251928	-3.96938	0.00149533	0.206129	-4.85133	0.118493	0.557325	-1.79428	0.0597381	0.480536	-2.08101	0.0193052	0.376775	-2.6541	0.000478628	0.150968	-6.6239	0.390353	0.738144	-1.35475	0.00517602	0.27993	-3.57232	7.8033	14.7056	1.67514	1
cg23010205	TP63;TP63;TP63;TP63;MIR944;TP63;TP63	0.00629101	0.658136	0.909196	-1.09987	0.00235014	0.403571	-2.47788	0.00439027	0.44347	-2.25495	0.142199	0.713707	-1.40113	0.000723071	0.333082	-3.00226	0.909799	0.976065	-1.02452	0.0142734	0.524136	-1.9079	0.987535	1.00335	1.00335	0.0595059	0.634657	-1.57565	6.83829	4.94903	0.64331	1
cg13518031	TP63;TP63;TP63;TP63;TP63;TP63	0.00445646	0.737251	0.886696	-1.12778	0.0246397	0.384546	-2.60047	0.101625	0.527268	-1.89657	0.00488302	0.263843	-3.79013	0.000885252	0.168778	-5.92493	0.00187606	0.207061	-4.8295	0.00556537	0.272367	-3.67152	0.739542	1.12655	1.12655	0.0197466	0.365867	-2.73323	7.6001	15.3525	1.7956	1
cg04483101	TP63;TP63;TP63;TP63;TP63;TP63	0.00699425	0.900311	0.963039	-1.03838	0.00986277	0.375301	-2.66453	0.333268	0.740876	-1.34975	0.782425	0.920175	-1.08675	0.000521923	0.196823	-5.08072	0.0119296	0.389513	-2.56731	0.0747656	0.550763	-1.81566	0.125685	1.64541	1.64541	0.021798	0.437219	-2.28718	6.61681	9.46382	1.27135	1
cg12184854	TP63;TP63;TP63;TP63;TP63;TP63	0.0228392	0.962788	0.990484	-1.00961	0.0340753	0.602382	-1.66008	0.00823451	0.500271	-1.99892	0.0332183	0.600426	-1.66548	0.4117	1.18769	1.18769	0.277634	1.26032	1.26032	0.0687097	0.658669	-1.51821	0.0775246	1.49496	1.49496	0.0567777	0.642846	-1.55558	4.49571	2.99019	0.591218	1
cg02122981	TP63;TP63;TP63;TP63;TP63;TP63	0.0452369	0.130381	1.22546	1.22546	0.0792198	1.27445	1.27445	0.0347202	0.736115	-1.35848	0.888896	1.01755	1.01755	0.196345	0.843642	-1.18534	0.179691	1.19405	1.19405	0.0219396	1.40793	1.40793	0.67349	0.948623	-1.05416	0.0616303	1.29952	1.29952	3.5186	0.86315	0.218054	1
cg21906716	TP73	2.24E-06	0.000992596	0.706134	-1.41616	0.00728095	0.781772	-1.27915	3.04E-06	0.453729	-2.20396	0.000110887	0.616528	-1.62199	0.0983425	1.13763	1.13763	0.0294588	1.20007	1.20007	1.29E-07	0.304179	-3.28753	0.000757366	0.695483	-1.43785	0.00204945	1.36207	1.36207	59.6936	4.78279	0.0712199	1
cg06939447	TP73	2.66E-06	0.000349676	0.339052	-2.9494	9.69E-06	0.166679	-5.99957	0.691135	0.927604	-1.07805	0.0432433	0.645612	-1.54892	6.95E-07	0.0792807	-12.6134	0.00288928	0.462592	-2.16173	1.38E-07	0.0441116	-22.6698	0.00284312	0.461595	-2.1664	0.0583312	0.668593	-1.49568	57.1114	32.0302	0.498522	1
cg13943358	TP73	4.26E-05	0.338197	0.879976	-1.13639	0.000147407	0.429423	-2.3287	1.75E-05	0.320303	-3.12205	0.335437	1.13728	1.13728	0.000235838	0.454172	-2.20181	0.00018319	0.440847	-2.26836	1.08E-05	0.296409	-3.37371	0.454716	0.906091	-1.10364	0.000717066	0.513296	-1.94819	27.7785	7.37887	0.236118	1
cg25885108	TP73	0.000118078	0.536833	1.08141	1.08141	0.835928	0.974381	-1.02629	3.53E-06	0.255859	-3.9084	0.0356013	0.736296	-1.35815	0.00346532	0.608585	-1.64316	0.217361	0.850084	-1.17635	5.35E-05	0.389315	-2.56862	0.286101	0.870542	-1.14871	0.00866055	0.657835	-1.52014	21.1766	5.25284	0.220488	1
cg17919477	TP73	0.00032711	0.0297336	0.619141	-1.61514	0.304488	1.22052	1.22052	0.000725337	0.381644	-2.62025	0.00409332	0.485839	-2.0583	0.0969279	0.710749	-1.40697	0.0771016	0.691885	-1.44533	7.25E-06	0.156453	-6.39169	0.0165112	0.577603	-1.73129	0.907613	1.02199	1.02199	16.0648	8.93473	0.494372	1
cg15819225	TP73	0.000347158	0.275423	0.714795	-1.399	0.372934	1.31085	1.31085	3.10E-05	0.0901945	-11.0871	0.130521	0.616795	-1.62128	0.000644292	0.21237	-4.70877	0.0980029	0.584437	-1.71105	6.43E-05	0.113725	-8.79312	0.687044	0.887057	-1.12732	0.0452761	0.506808	-1.97314	15.8046	21.9186	1.23275	1
cg04137576	TP73	0.000641731	0.00214863	0.361303	-2.76776	0.00563614	0.423929	-2.35889	0.000288563	0.24729	-4.04383	0.131584	0.680799	-1.46886	0.0020335	0.357886	-2.79418	0.00314998	0.385506	-2.594	7.00E-05	0.180016	-5.55505	0.00266519	0.374832	-2.66786	0.108915	0.661683	-1.5113	13.3313	11.7802	0.785468	1
cg22383924	TP73	0.00136955	0.219302	0.787074	-1.27053	0.472418	0.87331	-1.14507	0.00367455	0.482921	-2.07073	0.00767926	0.529941	-1.887	0.000306687	0.337414	-2.96372	0.0698388	0.686771	-1.45609	8.20E-05	0.268322	-3.72686	0.0451657	0.65314	-1.53107	0.273194	0.809481	-1.23536	10.7572	5.8528	0.483629	1
cg11226808	TP73	0.00210303	0.0174674	0.633136	-1.57944	0.0844974	0.739727	-1.35185	0.00025763	0.386608	-2.5866	0.960047	1.00795	1.00795	0.000173543	0.365291	-2.73754	0.815611	0.963769	-1.03759	0.579117	1.09255	1.09255	0.707944	0.942279	-1.06126	0.683293	0.937252	-1.06695	9.50167	3.75594	0.351372	1
cg06830875	TP73	0.00415224	0.135042	0.657628	-1.52062	0.0828674	0.606775	-1.64806	0.00192739	0.319211	-3.13273	0.178387	0.689377	-1.45059	0.00145256	0.302194	-3.30913	0.00777801	0.411051	-2.43279	0.000570318	0.249559	-4.00708	0.014479	0.456679	-2.18972	0.171971	0.685063	-1.45972	7.76448	8.32218	0.952735	1
cg05936300	TP73	0.00677156	0.38318	0.699398	-1.4298	0.115678	0.50474	-1.98122	0.5535	0.786908	-1.2708	0.911708	0.956621	-1.04535	0.0289364	0.357129	-2.80011	0.00832309	0.259644	-3.85143	0.000211257	0.0840432	-11.8986	0.00887978	0.26411	-3.7863	0.196807	0.579501	-1.72562	6.68383	16.9214	2.2504	1
cg03568718	TP73	0.00749277	0.0451195	0.478295	-2.09076	0.900737	1.04085	1.04085	0.000324966	0.154991	-6.452	0.729625	1.11775	1.11775	0.00933841	0.347236	-2.87989	0.0178214	0.396884	-2.51963	0.0185291	0.400042	-2.49974	0.184414	0.636556	-1.57095	0.350935	0.734911	-1.36071	6.47596	10.557	1.44905	1
cg04159546	TP73	0.00940597	0.0939443	1.28419	1.28419	0.022521	1.44933	1.44933	0.00111771	0.521064	-1.91915	0.253022	0.850324	-1.17602	0.927711	0.987752	-1.0124	0.0629873	1.32852	1.32852	0.310675	1.15311	1.15311	0.0358076	1.39336	1.39336	0.615778	1.07114	1.07114	6.02726	1.7607	0.259665	1
cg07901143	TP73	0.0131911	0.363173	0.891928	-1.12117	0.148246	0.827131	-1.209	0.127384	0.817301	-1.22354	0.570853	1.07261	1.07261	0.409852	0.901995	-1.10865	0.263631	1.15328	1.15328	0.000992708	0.549544	-1.81969	0.867743	0.97981	-1.02061	0.00259807	0.600115	-1.66635	5.40431	1.28187	0.210839	1
cg11504517	TP73	0.0140424	0.192217	0.505038	-1.98005	0.0608366	0.351408	-2.84569	0.11852	0.432292	-2.31325	0.0924016	0.399876	-2.50078	0.0039039	0.146214	-6.83931	0.82503	0.896211	-1.11581	0.000521987	0.0687834	-14.5384	0.206063	0.516801	-1.93498	0.141628	0.45743	-2.18613	5.29463	20.5376	3.44796	1
cg21827809	TP73	0.0157128	0.0401806	0.182478	-5.48012	0.0183943	0.128434	-7.78609	0.0155446	0.118934	-8.40799	0.332921	0.488382	-2.04758	0.0382865	0.17859	-5.59942	0.0439542	0.189927	-5.26519	0.00319323	0.0556546	-17.968	0.00321978	0.0558884	-17.8928	0.138048	0.317963	-3.14502	5.10161	41.5975	7.24783	1
cg02153614	TP73	0.0184147	0.975191	1.00768	1.00768	0.00531792	2.46931	2.46931	0.33058	1.28031	1.28031	0.107924	0.649378	-1.53993	0.41097	1.2299	1.2299	0.491412	0.84197	-1.18769	0.151767	0.685255	-1.45931	0.00375864	0.381852	-2.61881	0.329589	0.78064	-1.281	4.83788	4.64166	0.852836	1
cg04600984	TP73	0.0295117	0.0893566	0.450922	-2.21768	0.0583154	0.402644	-2.48359	0.00927444	0.245673	-4.07045	0.300116	1.57864	1.57864	0.115518	0.483124	-2.06986	0.311266	0.640548	-1.56116	0.00252776	0.168212	-5.94488	0.210645	0.57073	-1.75214	0.217623	0.576096	-1.73582	4.11069	11.7701	2.54514	1
cg20768358	TP73	0.029973	0.0598434	0.285143	-3.50701	0.0289876	0.218462	-4.57746	0.0411452	0.248515	-4.0239	0.20531	0.454016	-2.20257	0.0654777	0.294732	-3.39292	0.0842724	0.323486	-3.09132	0.00622113	0.121537	-8.22794	0.00444342	0.106159	-9.41985	0.0888935	0.32995	-3.03076	4.08814	22.6082	4.91572	1
cg19783114	TP73	0.0315192	0.172915	1.84338	1.84338	0.00424549	0.199137	-5.02168	0.153015	0.524499	-1.90658	0.268221	1.62629	1.62629	0.62407	0.811971	-1.23157	0.179707	0.548322	-1.82375	0.430471	0.712243	-1.40402	0.92629	0.961732	-1.03979	0.0214124	3.20803	3.20803	4.01555	11.3088	2.50333	1
cg05924583	TP73	0.0364312	0.0530485	0.408979	-2.44511	0.261715	0.621256	-1.60964	0.0937096	0.472512	-2.11635	0.173827	0.555168	-1.80126	0.0963156	0.475842	-2.10154	0.307086	0.650488	-1.53731	0.00210068	0.172111	-5.8102	0.122426	1.97549	1.97549	0.676107	0.842918	-1.18636	3.8113	9.98506	2.32876	1
cg24336278	TP73	0.0400579	0.0893143	0.592768	-1.687	0.43044	0.798804	-1.25187	0.9137	1.03072	1.03072	0.938473	0.978682	-1.02178	0.10648	1.63561	1.63561	0.737607	0.910414	-1.0984	0.00334746	0.328091	-3.04794	0.591692	0.859727	-1.16316	0.0487804	1.87417	1.87417	3.68118	4.54263	1.0969	1
cg20306863	TP73	0.0450164	0.0752427	0.613951	-1.62879	0.861976	1.04379	1.04379	0.0223112	0.509454	-1.96289	0.0156714	0.482127	-2.07414	0.122735	0.662414	-1.50963	0.719566	0.915033	-1.09286	0.0130651	0.468479	-2.13457	0.8549	0.955917	-1.04612	0.0216198	0.506972	-1.9725	3.52505	3.38632	0.853906	1
cg08852911	TP73;TP73;TP73;TP73	2.06E-05	0.00015357	0.370059	-2.70227	0.00271262	0.530183	-1.88614	0.000753308	0.457086	-2.18777	0.940546	1.01149	1.01149	8.59E-07	0.134288	-7.44668	0.000141472	0.365695	-2.73452	0.806549	0.963109	-1.0383	3.09E-05	0.287613	-3.47689	0.240843	0.828516	-1.20698	33.6079	12.4937	0.330442	1
cg18873878	TP73;TP73;TP73;TP73	2.94E-05	0.496282	0.861668	-1.16054	3.07E-05	0.172914	-5.78323	0.000231071	0.267805	-3.73407	7.62E-07	0.0567679	-17.6156	0.225134	0.759889	-1.31598	0.132771	0.70498	-1.41848	0.97524	0.993333	-1.00671	0.117718	0.693383	-1.4422	0.334197	1.23945	1.23945	30.6151	22.5238	0.653964	1
cg25115460	TP73;TP73;TP73;TP73	0.000268742	0.29194	0.73101	-1.36797	0.00111913	0.252812	-3.95551	0.00577322	0.354723	-2.8191	3.56E-06	0.0442907	-22.5781	0.0641208	0.550926	-1.81513	0.491564	0.81858	-1.22163	0.180673	0.665441	-1.50276	0.403822	0.782876	-1.27734	0.600908	1.16327	1.16327	16.9524	22.045	1.15592	1
cg17907911	TP73;TP73;TP73;TP73	0.000520615	0.0710688	0.586542	-1.70491	0.000556627	0.242432	-4.12488	0.0108359	0.428858	-2.33177	0.00242591	0.327244	-3.05582	4.10E-05	0.126196	-7.92416	0.0179737	0.46735	-2.13973	0.000224912	0.197148	-5.07234	0.0782777	0.595977	-1.67792	0.00720008	0.399405	-2.50373	14.1311	15.6674	0.985522	1
cg17804348	TP73;TP73;TP73;TP73	0.000828796	0.00600968	3.2183	3.2183	0.00118422	4.70375	4.70375	0.0438227	2.12632	2.12632	0.125839	1.71482	1.71482	0.00401426	3.52074	3.52074	0.00673594	3.13902	3.13902	5.91E-05	11.2471	11.2471	0.000425372	6.15297	6.15297	0.126831	1.71202	1.71202	12.4079	20.8333	1.49248	1
cg14979620	TP73;TP73;TP73;TP73	0.00119669	0.0089763	0.520241	-1.92218	0.880488	0.970847	-1.03003	0.333868	1.21654	1.21654	0.0614726	1.51331	1.51331	0.00842541	0.515993	-1.93801	0.0386349	0.624358	-1.60164	4.49E-05	0.21896	-4.56705	0.628747	1.10055	1.10055	0.0456312	0.637184	-1.56941	11.1806	6.84799	0.544434	1
cg19692322	TP73;TP73;TP73;TP73	0.0014048	0.00456651	0.47906	-2.08742	0.000149359	0.280984	-3.55892	0.00076892	0.370637	-2.69806	0.0101025	0.531306	-1.88216	0.0124287	0.545413	-1.83347	0.358627	1.20194	1.20194	0.385697	1.18921	1.18921	0.27073	0.799757	-1.25038	0.0331906	0.615604	-1.62442	10.679	6.42196	0.534544	1
cg09363206	TP73;TP73;TP73;TP73	0.00255548	0.253606	0.74851	-1.33599	0.521223	1.17113	1.17113	0.00128753	0.319869	-3.12628	0.752567	0.926038	-1.07987	8.18E-05	0.178147	-5.61334	0.174279	0.703893	-1.42067	0.770668	0.931447	-1.0736	0.526095	0.855491	-1.16892	0.012745	0.471461	-2.12107	8.97385	8.38972	0.831029	1
cg04493946	TP73;TP73;TP73;TP73	0.00354235	0.827562	1.06149	1.06149	0.625993	0.874282	-1.1438	0.0257373	0.484568	-2.06369	0.000660177	0.240068	-4.16549	0.112928	0.623786	-1.60311	0.348576	0.767999	-1.30209	0.000268195	0.194822	-5.13289	0.875766	0.958108	-1.04372	0.239204	1.40095	1.40095	8.14443	9.65114	1.05333	1
cg19519630	TP73;TP73;TP73;TP73	0.0065101	0.0835822	0.617131	-1.6204	0.0760881	0.60806	-1.64458	0.0230556	0.504104	-1.98372	0.962479	0.988213	-1.01193	0.000177993	0.201756	-4.95649	0.019492	0.490828	-2.03738	0.00989773	0.439831	-2.2736	0.489887	0.837963	-1.19337	0.146235	0.674956	-1.48158	6.76611	6.80718	0.894285	1
cg16607065	TP73;TP73;TP73;TP73	0.0069697	0.0340661	0.437311	-2.2867	0.010679	0.341928	-2.92459	0.00525855	0.292111	-3.42336	0.000830757	0.185885	-5.37966	0.002004	0.232653	-4.29824	0.474186	0.783971	-1.27556	0.567039	0.824091	-1.21346	0.224307	0.652568	-1.53241	0.0853462	0.529408	-1.8889	6.62407	11.7303	1.5741	1
cg25406408	TP73;TP73;TP73;TP73	0.00924586	0.184595	0.857819	-1.16575	0.0794078	0.808799	-1.2364	0.0723543	0.803694	-1.24425	0.383336	0.907171	-1.10233	0.993743	1.00085	1.00085	?	?	?	0.00067409	1.76234	1.76234	0.184843	1.16563	1.16563	0.156826	0.847865	-1.17943	6.18261	1.03378	0.167207	1
cg02924487	TP73;TP73;TP73;TP73	0.00928365	0.00919393	6.926	6.926	0.000667694	21.0537	21.0537	0.00920988	6.92139	6.92139	0.201989	2.19979	2.19979	0.0863848	3.03	3.03	0.096625	2.90768	2.90768	0.0308867	4.407	4.407	0.00570002	8.3445	8.3445	0.163717	2.38622	2.38622	6.05241	32.8243	4.82075	1
cg14159342	TP73;TP73;TP73;TP73	0.0103843	0.00242025	2.91908	2.91908	0.00277371	2.84754	2.84754	0.0536811	1.74318	1.74318	0.128447	1.51708	1.51708	0.796757	1.06765	1.06765	0.0130581	2.18365	2.18365	0.0121962	2.20818	2.20818	0.0992574	1.58144	1.58144	0.00945321	2.30298	2.30298	5.83966	5.94993	0.905674	1
cg25196575	TP73;TP73;TP73;TP73	0.0106822	0.0246052	2.0898	2.0898	0.00603106	2.68531	2.68531	0.0846209	1.69076	1.69076	0.0512745	1.84248	1.84248	0.0203631	2.15948	2.15948	0.398457	1.26876	1.26876	0.000858455	3.96854	3.96854	0.0208235	2.1511	2.1511	0.0207056	2.15323	2.15323	5.78687	6.94861	1.06734	1
cg16163116	TP73;TP73;TP73;TP73	0.0222874	0.488031	0.888	-1.12613	0.0340729	0.659	-1.51745	0.0179721	0.615849	-1.62377	0.392364	0.862652	-1.15922	0.12761	0.757475	-1.32017	0.0975777	0.736023	-1.35865	0.00571845	1.84214	1.84214	0.115636	0.749486	-1.33425	0.152472	0.772278	-1.29487	4.5337	2.04124	0.40021	1
cg04392488	TP73;TP73;TP73;TP73	0.0234752	0.280881	0.561592	-1.78065	0.0465085	0.309219	-3.23395	0.752759	0.849867	-1.17666	0.690834	0.814	-1.2285	0.0107747	0.192219	-5.20241	0.0187105	0.230644	-4.33569	0.00373514	0.133215	-7.50668	0.00868334	0.178743	-5.59462	0.527597	0.719308	-1.39022	4.45332	18.6905	3.73066	1
cg03760518	TP73;TP73;TP73;TP73	0.0236144	0.568563	1.25802	1.25802	0.27053	1.57927	1.57927	0.301607	0.652925	-1.53157	0.944943	0.972865	-1.02789	0.242845	1.62713	1.62713	0.0919384	2.09382	2.09382	0.000864481	7.32862	7.32862	0.0156819	3.25352	3.25352	0.868873	1.06803	1.06803	4.44423	11.1673	2.23356	1
cg04562683	TP73;TP73;TP73;TP73	0.0251446	0.0197743	0.04057	-24.6488	0.0315655	0.0566671	-17.6469	0.0822962	0.111734	-8.94985	0.186787	0.203234	-4.92044	0.0123482	0.028808	-34.7125	0.0766795	0.106249	-9.41189	0.00446376	0.0133246	-75.049	0.0146814	0.0326989	-30.582	0.050696	0.0792494	-12.6184	4.3485	89.2903	18.2521	1
cg14084907	TP73;TP73;TP73;TP73	0.0265193	0.0661181	3.05056	3.05056	0.110374	2.56349	2.56349	0.463658	1.49717	1.49717	0.364667	1.6553	1.6553	0.0460478	3.44507	3.44507	0.0167372	4.85511	4.85511	0.0027129	9.40105	9.40105	0.00689018	6.63701	6.63701	0.114114	2.53431	2.53431	4.26845	19.7898	4.12115	1
cg23052055	TP73;TP73;TP73;TP73	0.0304971	0.0048179	2.82737	2.82737	0.120715	1.5963	1.5963	0.246419	0.714015	-1.40053	0.371963	1.29013	1.29013	0.177469	0.671458	-1.4893	0.0938264	1.66868	1.66868	0.0114008	2.41108	2.41108	0.181979	1.48245	1.48245	0.256636	1.38963	1.38963	4.06303	4.96966	1.08724	1
cg15487097	TP73;TP73;TP73;TP73	0.0328963	0.626453	1.13431	1.13431	0.283443	0.751015	-1.33153	0.00153713	0.310062	-3.22516	0.926005	0.976416	-1.02415	0.0362362	0.534909	-1.86948	0.11663	1.54966	1.54966	0.39892	0.801002	-1.24844	0.567731	1.15997	1.15997	0.892444	1.03537	1.03537	3.95452	4.13458	0.929361	1
cg18279180	TP73;TP73;TP73;TP73	0.033965	0.298565	0.827178	-1.20893	0.42193	1.15541	1.15541	0.00306542	0.489684	-2.04213	0.464057	0.877018	-1.14023	0.118247	0.741807	-1.34806	0.754177	1.05687	1.05687	0.0204786	1.63513	1.63513	0.945477	1.01212	1.01212	0.454553	1.14355	1.14355	3.90929	1.91986	0.436535	1
cg12268562	TP73;TP73;TP73;TP73	0.034771	0.0100009	2.47801	2.47801	0.271119	1.37671	1.37671	0.22297	0.699547	-1.4295	0.551921	1.18286	1.18286	0.106482	1.63533	1.63533	0.00579427	2.74169	2.74169	0.0624131	1.79539	1.79539	0.0670523	1.77317	1.77317	0.0884922	1.68943	1.68943	3.87632	4.78009	1.09613	1
cg13914636	TP73;TP73;TP73;TP73	0.0350992	0.44799	0.832811	-1.20075	0.321839	1.27396	1.27396	0.412951	1.21899	1.21899	0.0383593	0.566819	-1.76423	0.0377279	0.565437	-1.76854	0.0107301	0.468355	-2.13513	0.189329	1.3895	1.3895	0.637212	1.11894	1.11894	0.0329984	0.554394	-1.80377	3.86317	3.42445	0.787942	1
cg19688837	TP73;TP73;TP73;TP73	0.0372726	0.0371078	0.619757	-1.61354	0.0145142	0.551425	-1.81348	0.0271959	0.596461	-1.67656	0.138527	1.37057	1.37057	0.798311	1.05192	1.05192	0.321903	0.816866	-1.22419	0.28624	1.24473	1.24473	0.0465365	0.637232	-1.56929	0.14732	0.735381	-1.35984	3.77973	2.3391	0.550091	1
cg23234149	TP73;TP73;TP73;TP73	0.0374311	0.412005	1.20461	1.20461	0.246193	0.764034	-1.30884	0.00806108	0.470869	-2.12373	0.443771	0.840903	-1.1892	0.0285334	0.56356	-1.77443	0.660529	0.906576	-1.10305	0.0673111	1.57619	1.57619	0.122333	1.45005	1.45005	0.173872	0.725371	-1.3786	3.77388	2.94376	0.693364	1
cg21418707	TP73;TP73;TP73;TP73	0.0381484	0.412565	1.15134	1.15134	0.0280742	0.646349	-1.54715	0.343502	0.848606	-1.1784	0.693938	1.0688	1.0688	0.209335	1.24932	1.24932	0.305017	1.19564	1.19564	0.00351198	1.9464	1.9464	0.484816	1.12684	1.12684	0.230042	0.80909	-1.23596	3.74779	1.67976	0.3984	1
cg19819912	TP73;TP73;TP73;TP73	0.048884	0.0166444	0.408185	-2.44987	0.0536951	0.511	-1.95695	0.0118957	0.382098	-2.61713	0.15303	0.625654	-1.59833	0.00699216	0.343344	-2.91253	0.501407	0.811306	-1.23258	0.82907	0.935888	-1.0685	0.20974	0.6669	-1.49947	0.213897	0.669611	-1.4934	3.41729	5.08297	1.32216	1
cg26208930	TP73;TP73;TP73;TP73;TP73;TP73;TP73	0.00136288	0.199312	0.78998	-1.26585	0.145621	1.31207	1.31207	0.00134853	0.445114	-2.24661	0.000518842	0.390191	-2.56285	0.000186683	0.334077	-2.99332	0.735386	1.06074	1.06074	0.176162	0.778803	-1.28402	0.470409	1.13615	1.13615	0.671156	0.928451	-1.07706	10.7723	5.15559	0.425421	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24878868	TP73;TP73;TP73;TP73;TP73;TP73;TP73	0.00621947	0.0515026	0.492387	-2.03092	0.254201	1.46308	1.46308	0.00312901	0.274911	-3.63753	0.000399899	0.165247	-6.05154	0.0244085	0.424355	-2.35652
cg19677795	TPBG;TPBG	9.09E-05	0.627973	0.926078	-1.07982	0.813882	0.96359	-1.03779	0.138565	1.28501	1.28501	0.0547103	0.709839	-1.40877	0.149223	0.784087	-1.27537
cg16640633	TPBG;TPBG	9.49E-05	0.119165	1.45367	1.45367	0.00051185	3.32032	3.32032	0.00133105	2.80717	2.80717	0.0248156	0.5538	-1.80571	0.163224	1.38985	1.38985
cg27472295	TPBG;TPBG	0.00011135	0.825811	1.0435	1.0435	0.0393763	1.58486	1.58486	0.279576	1.24258	1.24258	0.180993	1.31575	1.31575	0.0159108	1.76908	1.76908
cg02405813	TPBG;TPBG	0.00150125	0.452235	0.790581	-1.26489	0.00924447	2.75573	2.75573	0.180984	1.54621	1.54621	0.107145	0.582953	-1.7154	0.00174378	0.254215	-3.93368
cg13032616	TPBG;TPBG	0.00240097	0.0511789	0.576877	-1.73347	0.00733685	2.3543	2.3543	0.107244	1.54582	1.54582	0.254706	0.744813	-1.34262	0.0971602	0.636984	-1.5699
cg08230059	TPBG;TPBG	0.00249685	0.0463693	0.626975	-1.59496	0.0405936	1.62215	1.62215	0.0183699	1.79565	1.79565	0.464239	0.858643	-1.16463	0.345933	0.81989	-1.21968
cg01239708	TPBG;TPBG	0.00561092	0.499556	0.84583	-1.18227	0.151696	1.45532	1.45532	0.00792576	2.29752	2.29752	0.0269537	0.527299	-1.89646	0.197943	0.717181	-1.39435
cg17838734	TPBG;TPBG	0.00647922	0.0389027	0.774303	-1.29148	?	?	?	0.00102425	1.68329	1.68329	0.539793	1.06866	1.06866	0.600576	1.05815	1.05815
cg06577251	TPBG;TPBG	0.00696675	0.250794	1.16404	1.16404	0.19185	1.19112	1.19112	0.00592319	1.57722	1.57722	0.369417	1.12377	1.12377	0.135002	1.22626	1.22626
cg03722052	TPBG;TPBG	0.0165231	0.32977	0.725846	-1.3777	0.532508	1.22313	1.22313	0.525412	1.22754	1.22754	0.703171	0.885176	-1.12972	0.87657	1.05076	1.05076
cg12864853	TPBG;TPBG;TPBG	2.09E-06	0.433217	0.891483	-1.12173	0.156945	0.80458	-1.24288	9.80E-05	2.70225	2.70225	0.118118	1.27598	1.27598	0.422297	0.888933	-1.12494
cg05197625	TPBG;TPBG;TPBG	2.19E-06	0.626212	0.936174	-1.06818	0.00871077	1.56696	1.56696	0.000231005	2.27366	2.27366	0.162541	1.22181	1.22181	0.182768	1.20921	1.20921
cg08478195	TPBG;TPBG;TPBG	0.000173788	0.240166	0.601121	-1.66356	0.0444718	2.5989	2.5989	0.527985	0.767504	-1.30293	0.938784	1.0323	1.0323	0.0201298	0.313445	-3.19035
cg20891443	TPBG;TPBG;TPBG	0.000597362	0.873576	1.02981	1.02981	0.0409011	0.64708	-1.54541	0.0808029	0.699662	-1.42926	0.710948	0.933642	-1.07107	0.951618	1.01126	1.01126
cg26132449	TPCN1;TPCN1	0.000489346	0.0168792	0.763679	-1.30945	0.669817	1.04047	1.04047	0.807725	1.02281	1.02281	0.548556	0.9454	-1.05775	0.00283839	0.683806	-1.4624
cg19052193	TPCN1;TPCN1	0.000500901	0.000779656	0.504054	-1.98391	0.000856805	1.96397	1.96397	0.87369	0.978784	-1.02168	0.733971	1.04705	1.04705	0.00185424	0.551287	-1.81394
cg07349203	TPCN1;TPCN1	0.00323385	0.0139742	0.477263	-2.09528	0.0847421	0.628421	-1.59129	0.726699	0.918049	-1.08927	0.00024037	0.227435	-4.39686	0.0070326	0.427815	-2.33746
cg05947499	TPCN1;TPCN1	0.0160212	0.100253	1.27566	1.27566	0.0544636	0.744525	-1.34314	0.0108832	0.649047	-1.54072	0.580731	0.927349	-1.07834	0.0158971	0.670809	-1.49074
cg09896867	TPCN1;TPCN1	0.0236531	0.443597	1.24021	1.24021	0.00278371	3.11552	3.11552	0.00284486	3.10224	3.10224	0.333825	1.31618	1.31618	0.263903	1.37846	1.37846
cg27185772	TPCN1;TPCN1	0.0240564	0.479009	1.11468	1.11468	0.0179563	1.54309	1.54309	0.00253415	1.88163	1.88163	0.145436	0.789923	-1.26595	0.365998	0.869266	-1.1504
cg12699044	TPCN1;TPCN1	0.0381395	0.291595	0.584159	-1.71186	0.0097466	0.200715	-4.98219	0.320982	0.604277	-1.65487	0.487934	1.41364	1.41364	0.00420521	0.152099	-6.57468
cg00562403	TPCN1;TPCN1;IQCD	0.0317899	0.676794	1.11023	1.11023	0.92074	1.02514	1.02514	0.0112923	2.20663	2.20663	0.330358	0.77838	-1.28472	0.0434345	0.56029	-1.78479
cg11648404	TPCN2	0.000181492	0.0964626	0.763987	-1.30892	0.903613	0.982289	-1.01803	0.000236958	2.45553	2.45553	0.527686	0.909933	-1.09898	1.09E-05	0.25095	-3.98486
cg18503234	TPCN2	0.000542135	0.000141689	0.30523	-3.27622	0.000134471	0.302501	-3.30578	0.0146665	0.580916	-1.72142	0.00332142	0.485421	-2.06007	0.00251469	0.468357	-2.13512
cg23121140	TPCN2	0.000871305	0.195062	0.864377	-1.1569	0.000126112	2.03378	2.03378	0.162451	1.17186	1.17186	0.00120364	1.65595	1.65595	0.0187534	1.35374	1.35374
cg08847919	TPCN2	0.0010615	0.129641	1.29264	1.29264	0.280475	0.83872	-1.19229	0.0217182	0.649227	-1.54029	0.00245756	0.516628	-1.93563	0.751533	0.951421	-1.05106
cg16006626	TPCN2	0.00575157	0.903954	0.979636	-1.02079	0.178053	1.27622	1.27622	0.190467	1.26655	1.26655	0.320798	1.19105	1.19105	0.000187507	0.341559	-2.92775
cg11927738	TPCN2	0.00816374	0.00226604	0.301082	-3.32135	0.999674	1.00011	1.00011	0.173857	0.665909	-1.50171	0.657617	0.882183	-1.13355	0.00318407	0.322399	-3.10175
cg20256574	TPCN2	0.0130093	0.606779	1.0734	1.0734	0.240912	0.845779	-1.18234	0.0118784	0.651525	-1.53486	0.1938	1.20633	1.20633	0.044569	1.36982	1.36982
cg26433582	TPCN2	0.0138441	0.0241093	0.470361	-2.12603	0.564495	0.849298	-1.17744	0.167564	0.661982	-1.51062	0.020304	0.456307	-2.19151	0.00106643	0.257633	-3.88148
cg06096695	TPCN2	0.0148032	0.000436754	0.518547	-1.92846	0.278419	0.875317	-1.14244	0.509802	0.924036	-1.08221	0.518046	1.08051	1.08051	0.523821	1.07932	1.07932
cg13952997	TPCN2	0.0193134	0.00361083	1.78607	1.78607	0.175838	0.809031	-1.23605	0.0135184	0.637581	-1.56843	0.633614	1.07326	1.07326	0.0792205	1.33229	1.33229
cg05742993	TPCN2	0.0253287	0.112205	0.854368	-1.17046	0.100595	0.849009	-1.17784	0.875783	1.01434	1.01434	0.13057	0.861923	-1.1602	0.224711	0.890422	-1.12306
cg06624991	TPCN2	0.0291333	0.0544607	0.413648	-2.41751	0.00352438	0.201777	-4.95598	0.0621245	0.42757	-2.3388	0.476023	0.745877	-1.3407	0.0224904	0.330949	-3.02161
cg25170956	TPCN2	0.029716	0.744916	1.03695	1.03695	0.310157	0.889845	-1.12379	0.0410028	1.29963	1.29963	0.557254	0.936162	-1.06819	0.0069155	1.47474	1.47474
cg04589658	TPCN2	0.0308836	0.0193791	0.691742	-1.44563	0.628014	1.06571	1.06571	0.288701	0.866261	-1.15439	0.0563323	0.754507	-1.32537	0.839416	0.973898	-1.0268
cg23671189	TPCN2	0.036081	0.863355	0.947278	-1.05566	0.698493	1.13028	1.13028	0.0366105	2.18558	2.18558	0.651421	0.866645	-1.15388	0.625231	0.856464	-1.16759
cg25042173	TPCN2	0.0363418	0.00568117	0.332111	-3.01104	0.301969	0.722584	-1.38392	0.140536	0.617724	-1.61884	0.131307	0.609575	-1.64049	0.00226395	0.27308	-3.66193
cg12152352	TPCN2	0.0488524	0.018655	0.238255	-4.19718	0.902646	1.06349	1.06349	0.634382	0.785835	-1.27253	0.0890837	0.38935	-2.56839	0.00909084	0.188734	-5.29845
cg10490196	TPCN2;TPCN2	0.00676885	0.0101551	0.748998	-1.33512	0.179421	1.13556	1.13556	0.413082	1.07745	1.07745	0.488588	1.06473	1.06473	0.270143	1.10778	1.10778
cg11669824	TPD52;TPD52	0.000619857	0.000593162	0.256348	-3.90094	0.142607	0.667316	-1.49854	0.509369	0.842153	-1.18743	0.355359	1.27637	1.27637	1.70E-05	0.103849	-9.62935
cg18459342	TPD52;TPD52	0.00217745	0.00456645	1.68121	1.68121	0.00328093	0.576287	-1.73525	0.038193	0.71859	-1.39161	0.397183	1.12666	1.12666	0.0145314	1.51304	1.51304
cg01857591	TPD52;TPD52	0.00569723	0.0439627	0.54507	-1.83463	0.846118	0.950342	-1.05225	0.469528	1.21274	1.21274	0.417151	1.2428	1.2428	0.0108192	0.432113	-2.31421
cg21595409	TPD52;TPD52	0.0075549	0.0188387	1.76466	1.76466	0.0623353	1.52016	1.52016	0.00693364	2.00864	2.00864	0.0161811	1.79903	1.79903	0.0257695	0.589449	-1.6965
cg09540738	TPD52;TPD52	0.0100403	0.00411679	0.392036	-2.55078	0.0612304	0.598556	-1.67069	0.0401984	0.561672	-1.7804	0.322284	0.779739	-1.28248	0.87287	0.961783	-1.03974
cg23295127	TPD52;TPD52	0.0211015	0.0387658	2.5555	2.5555	0.00286786	0.200244	-4.99391	0.133557	1.88594	1.88594	0.165056	0.559561	-1.78712	0.566661	1.25492	1.25492
cg05084750	TPD52;TPD52;TPD52	0.0188445	0.0119253	0.540612	-1.84976	0.0755953	1.47359	1.47359	0.28236	1.2448	1.2448	0.0926097	1.43731	1.43731	0.086535	0.689958	-1.44936
cg01288904	TPD52;TPD52;TPD52	0.0326935	0.0997088	0.382194	-2.61647	0.0248112	0.240683	-4.15484	0.175154	0.463617	-2.15695	0.235084	0.515074	-1.94147	0.0063988	0.150877	-6.62792
cg22273042	TPD52;TPD52;TPD52;TPD52	0.0111122	0.411213	1.11331	1.11331	0.0186939	1.43916	1.43916	0.15992	1.21143	1.21143	0.600626	0.934753	-1.0698	0.116802	0.804404	-1.24316
cg05818382	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.000487636	0.508919	1.14232	1.14232	0.0543478	0.64819	-1.54276	2.76E-05	0.193912	-5.15699	0.155103	0.739227	-1.35276	0.000122785	0.26427	-3.78401
cg24862879	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.00156243	0.52552	1.16605	1.16605	0.411981	0.818478	-1.22178	0.0275981	0.53685	-1.86272	0.0478601	1.71635	1.71635	0.950533	0.985294	-1.01493
cg24072331	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.00262226	0.64356	0.894451	-1.118	0.0160822	0.49403	-2.02417	0.00950811	0.455477	-2.1955	0.0945599	0.644107	-1.55254	0.000228292	0.230864	-4.33155
cg13919358	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.00662253	0.012288	0.309009	-3.23615	0.168467	1.73788	1.73788	0.0282441	0.376975	-2.6527	0.0676012	0.462491	-2.1622	0.000866281	0.152196	-6.57046
cg17093809	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0124242	0.368694	0.779846	-1.2823	0.001829	0.303434	-3.29561	0.740631	1.09359	1.09359	0.963237	1.01249	1.01249	0.357614	0.775077	-1.29019
cg22844586	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0155291	0.00609531	0.189405	-5.2797	0.0638895	0.379878	-2.63243	0.0164473	0.256069	-3.90519	0.0269849	0.296082	-3.37744	0.0277553	0.298516	-3.34991
cg01198661	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0234863	0.230017	1.4336	1.4336	0.0275274	2.10747	2.10747	0.0942606	0.590884	-1.69238	0.674338	1.12848	1.12848	0.00345402	3.11305	3.11305
cg00955096	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0433037	0.553203	1.58869	1.58869	0.795123	1.2224	1.2224	0.100453	4.00963	4.00963	0.830848	0.847822	-1.17949	0.310457	0.444903	-2.24768
cg01948955	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.000786299	0.000897294	0.595945	-1.67801	0.016809	0.738019	-1.35498	0.0122855	0.722739	-1.38363	0.0533935	0.795746	-1.25668	2.52E-05	0.418583	-2.38901
cg22100563	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.00337729	0.764836	1.0504	1.0504	0.963664	1.00749	1.00749	0.050932	0.689461	-1.45041	0.00114015	0.433556	-2.30651	0.0235042	0.633814	-1.57775
cg22332321	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.0107594	0.0627934	0.453918	-2.20304	0.0761589	0.474987	-2.10532	0.0975599	0.503654	-1.98549	0.693729	1.16105	1.16105	0.000745102	0.144974	-6.8978
cg17132148	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.0131355	0.0830994	1.30064	1.30064	0.984313	0.99731	-1.0027	0.280648	0.85759	-1.16606	0.0282065	1.42618	1.42618	0.298877	1.15894	1.15894
cg12730202	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.016709	0.00917977	0.788517	-1.2682	0.437807	1.05849	1.05849	0.0670197	1.15887	1.15887	0.998414	1.00014	1.00014	0.678948	1.03034	1.03034
cg07384357	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.0344092	0.948731	0.97566	-1.02495	0.00404969	0.22787	-4.38847	0.00855756	0.27655	-3.61599	0.847591	1.07652	1.07652	0.359265	0.696834	-1.43506
cg07411111	PD52L2;TPD52L2	0.0463473	0.325313	1.22361	1.22361	0.121453	1.39601	1.39601	0.354895	0.8277	-1.20817	0.059147	0.654838	-1.5271	0.409127	1.18263	1.18263
cg14572436	TPD52L3;TPD52L3;TPD52L3	0.0146676	0.00792075	1.42816	1.42816	0.0300901	0.765703	-1.30599	0.950821	0.993566	-1.00648	0.0571647	0.798355	-1.25258	0.896046	0.986413	-1.01377
cg03485840	TPD52L3;TPD52L3;TPD52L3;TPD52L3;TPD52L3	0.00185199	0.000622865	0.140017	-7.14201	0.0461261	0.425914	-2.34789	0.296213	0.667272	-1.49864	0.00287278	0.216174	-4.6259	7.71E-05	0.068949	-14.5035
cg14286682	TPD52L3;TPD52L3;TPD52L3;TPD52L3;TPD52L3	0.0322368	0.082972	0.358887	-2.78639	0.0161521	0.207837	-4.81145	0.389801	0.624735	-1.60068	0.0564533	0.31573	-3.16726	0.0236367	0.236357	-4.23089
cg13857519	TPH1	0.000884808	0.00568744	0.303549	-3.29436	0.295855	1.42804	1.42804	0.00608425	0.308125	-3.24544	0.0278957	0.425694	-2.34911	2.62E-05	0.0649102	-15.4059
cg16935075	TPH1	0.000929012	0.0755474	0.630102	-1.58704	0.0221162	0.526963	-1.89766	5.77E-05	0.175287	-5.70492	0.0183374	0.512598	-1.95085	0.0050574	0.420867	-2.37605
cg08400935	TPH1	0.0110679	0.585234	0.836658	-1.19523	0.582269	1.19695	1.19695	0.000763818	0.192044	-5.20713	0.0017226	0.235199	-4.25173	0.110818	0.569946	-1.75455
cg20554822	TPH1	0.0243626	0.835781	1.03975	1.03975	0.00328678	0.471318	-2.12171	0.00389124	0.48189	-2.07516	0.309706	0.820847	-1.21825	0.0637815	0.676152	-1.47896
cg03570920	TPH2	0.00186966	0.00234602	0.272107	-3.67502	0.0310301	0.460222	-2.17287	0.033977	0.468269	-2.13552	0.0191012	0.419181	-2.38561	0.00035214	0.172046	-5.8124
cg18701449	TPH2	0.0101079	0.00284936	0.153037	-6.53437	0.14702	0.490983	-2.03673	0.0874219	0.422109	-2.36906	0.788639	1.13068	1.13068	0.00200435	0.136252	-7.33934
cg17036562	TPH2	0.0122452	0.505023	0.834449	-1.1984	0.278157	0.739539	-1.35219	0.0271278	0.496655	-2.01347	0.00103977	0.272737	-3.66653	0.0105838	0.423054	-2.36377
cg03565659	TPH2	0.0166858	0.317806	1.18337	1.18337	0.0683729	0.716981	-1.39474	0.70104	0.93904	-1.06492	0.00931208	0.583991	-1.71235	0.0692189	1.393	1.393
cg02965092	TPH2	0.023955	0.352214	0.69419	-1.44053	0.930383	0.967234	-1.03388	0.0255071	0.363488	-2.75112	0.671603	1.17655	1.17655	0.00462157	0.23768	-4.20734
cg21661983	TPH2	0.0253227	0.578612	1.21701	1.21701	0.651667	0.852924	-1.17244	0.0133812	0.342195	-2.92231	0.148887	1.71929	1.71929	0.00302132	0.241001	-4.14936
cg19530293	TPH2	0.0326968	0.369213	0.850138	-1.17628	0.0745472	0.704871	-1.4187	0.136233	0.753794	-1.32662	0.38324	1.17048	1.17048	0.95814	1.00928	1.00928
cg02754084	TPH2	0.0380407	0.0454341	0.172405	-5.80031	0.01789	0.110261	-9.06941	0.0130054	0.0943205	-10.6021	0.0751327	0.219091	-4.56431	0.068199	0.209187	-4.78042
cg14791008	TPH2	0.0449177	0.773511	0.863254	-1.15841	0.0136389	0.21121	-4.73461	0.873333	1.0847	1.0847	0.669668	0.80357	-1.24445	0.194628	0.496985	-2.01213
cg25669230	TPH2;TPH2	0.0461544	0.007381	0.37185	-2.68926	0.358271	1.31089	1.31089	0.0149795	2.35635	2.35635	0.388213	0.776143	-1.28842	0.0847617	0.579111	-1.72679
cg11021764	TPI1;TPI1;TPI1	0.0012766	0.00554508	0.633705	-1.57802	0.343576	0.885031	-1.1299	0.0810834	1.27392	1.27392	0.145217	0.822173	-1.21629	0.43548	0.905203	-1.10472
cg24672547	TPI1;TPI1;TPI1	0.00488187	0.014236	0.686314	-1.45706	0.09825	1.25328	1.25328	0.0671253	1.29105	1.29105	0.0706124	0.777614	-1.28598	0.00375195	0.61441	-1.62758
cg01213014	TPI1;TPI1;TPI1	0.0112486	0.705855	0.927124	-1.0786	0.000503554	2.96046	2.96046	0.315306	1.23023	1.23023	0.757014	0.939944	-1.06389	0.64132	1.09815	1.09815
cg03067226	TPI1;TPI1;TPI1	0.0284736	0.214793	0.789586	-1.26649	0.00143611	2.30196	2.30196	0.0193997	1.66757	1.66757	0.133229	1.34049	1.34049	0.892499	0.975835	-1.02476
cg17399119	TPI1;TPI1;TPI1	0.0361043	0.189003	1.46742	1.46742	0.260357	1.38202	1.38202	0.720036	1.10427	1.10427	0.143794	1.54164	1.54164	0.41562	1.25773	1.25773
cg16426148	TPI1;TPI1;TPI1	0.0485906	0.268501	0.738404	-1.35427	0.4732	1.21163	1.21163	0.577687	0.862431	-1.15951	0.13653	0.655682	-1.52513	0.0207219	0.480552	-2.08094
cg16636935	TPI1;TPI1;TPI1;TPI1	0.00103929	0.124561	1.08734	1.08734	0.0206742	0.869088	-1.15063	0.265088	0.943193	-1.06023	0.486425	1.03625	1.03625	0.221758	1.06681	1.06681
cg15325042	TPI1;USP5;TPI1;USP5	0.00324405	0.0149365	0.464749	-2.1517	0.00514948	0.388336	-2.57509	0.0616251	1.71425	1.71425	0.133363	1.51367	1.51367	0.0011261	0.293051	-3.41238
cg18956562	TPK1;TPK1	6.07E-07	5.28E-09	0.070461	-14.1923	0.00897612	1.42046	1.42046	0.0546377	0.794329	-1.25892	0.0145046	0.727524	-1.37453	0.00153314	0.617801	-1.61864
cg03182504	TPK1;TPK1	0.000134268	1.09E-06	11.3208	11.3208	0.748121	0.940324	-1.06346	0.452047	0.863882	-1.15757	0.812229	0.955569	-1.0465	0.958242	0.99005	-1.01005
cg21690631	TPK1;TPK1	0.000139402	1.79E-06	0.108488	-9.21759	0.0515549	0.661527	-1.51165	0.053455	0.664305	-1.50533	0.437514	1.15913	1.15913	0.986239	0.996789	-1.00322
cg02641052	TPK1;TPK1	0.000148953	3.27E-05	0.238589	-4.1913	0.178617	0.775858	-1.2889	0.00418822	0.505948	-1.97649	0.708808	1.06889	1.06889	0.000581947	0.38881	-2.57195
cg01832012	TPK1;TPK1	0.000153705	3.68E-06	0.0362402	-27.5937	0.222859	0.675493	-1.4804	0.128651	0.604728	-1.65364	0.000263981	0.159488	-6.27005	0.000687388	0.204408	-4.89217
cg06550309	TPK1;TPK1	0.000267713	4.25E-06	2.85843	2.85843	0.679797	0.95982	-1.04186	0.0394982	1.26531	1.26531	0.0415845	1.26132	1.26132	0.430871	0.923631	-1.08268
cg15972370	TPK1;TPK1	0.000409137	2.92E-05	0.319977	-3.12522	0.159961	1.23214	1.23214	0.44977	1.11302	1.11302	0.820279	1.03214	1.03214	0.000532364	0.472478	-2.1165
cg21073826	TPK1;TPK1	0.00152542	3.65E-05	0.0912844	-10.9548	0.00252142	0.282766	-3.5365	0.024814	0.447269	-2.23579	0.119124	0.60086	-1.66428	0.482494	0.806564	-1.23983
cg21370481	TPK1;TPK1	0.00235141	0.308794	0.770428	-1.29798	0.00917058	2.26885	2.26885	0.098857	1.56527	1.56527	0.35001	0.788053	-1.26895	0.0198534	0.498448	-2.00623
cg18992848	TPK1;TPK1	0.00573171	0.000959775	0.171059	-5.84593	0.0796645	0.497414	-2.0104	0.00510493	0.264868	-3.77546	0.0847725	0.504411	-1.98251	0.00856292	0.299957	-3.33382
cg11183253	TPK1;TPK1	0.00710224	0.00384098	0.432133	-2.3141	0.586716	0.888524	-1.12546	0.139236	0.709863	-1.40872	0.0313736	0.580603	-1.72235	0.00207238	0.393074	-2.54405
cg13120875	TPK1;TPK1	0.00727921	0.512992	1.35278	1.35278	0.85169	1.08898	1.08898	0.377504	0.662051	-1.51046	0.18449	0.526725	-1.89852	0.00975672	0.225711	-4.43044
cg23307858	TPK1;TPK1	0.00892889	0.779341	0.920664	-1.08617	0.0509122	1.92408	1.92408	0.463009	0.802644	-1.24588	0.238767	0.695516	-1.43778	0.0553358	0.527703	-1.89501
cg14268194	TPK1;TPK1	0.00919822	0.00724426	0.200746	-4.98143	0.00299277	0.151522	-6.59969	0.0456547	0.345763	-2.89216	0.105615	0.440742	-2.2689	0.0489583	0.352784	-2.8346
cg07612045	TPK1;TPK1	0.0106429	0.000697516	1.95728	1.95728	0.502708	1.09234	1.09234	0.0155822	1.46979	1.46979	0.961213	0.993705	-1.00633	0.387105	0.891264	-1.122
cg08599300	TPK1;TPK1	0.0157643	0.00214788	2.04637	2.04637	0.010962	1.69954	1.69954	0.015546	1.63719	1.63719	0.775877	0.953686	-1.04856	0.081854	0.725907	-1.37759
cg19735335	TPK1;TPK1	0.0222414	0.01564	1.80603	1.80603	0.369569	0.832093	-1.20179	0.247263	1.27292	1.27292	0.0429433	1.59149	1.59149	0.952955	0.9883	-1.01184
cg06018711	TPK1;TPK1	0.0331817	0.000732081	0.118384	-8.44709	0.187251	0.559304	-1.78794	0.290204	0.633602	-1.57828	0.68977	0.846368	-1.18152	0.103818	0.47739	-2.09472
cg19714749	TPK1;TPK1;TPK1;TPK1	0.00402741	0.000131683	3.75022	3.75022	0.439013	1.1703	1.1703	0.536001	1.133	1.133	0.0606611	0.65613	-1.52409	0.109762	0.706549	-1.41533
cg12855773	TPM1;TPM1;TPM1;TPM1	0.0399637	0.347443	0.815409	-1.22638	0.421459	0.840948	-1.18913	0.470416	0.856511	-1.16753	0.35677	1.22131	1.22131	0.00152871	0.382045	-2.61749
cg04194852	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	3.32E-06	0.000801545	0.583356	-1.71422	0.00461543	1.494	1.494	0.636424	1.05202	1.05202	0.000611023	0.56992	-1.75463	0.436787	0.918982	-1.08816
cg00543460	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	2.37E-05	0.000183899	0.387819	-2.57852	0.0209686	0.659533	-1.51622	0.000328937	0.419262	-2.38514	0.00458779	0.568085	-1.7603	0.000127908	0.368489	-2.71378
cg24483493	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	2.63E-05	0.000187059	2.78268	2.78268	3.26E-06	5.96977	5.96977	0.000482275	2.43177	2.43177	0.0458688	1.44987	1.44987	0.00013715	0.342826	-2.91694
cg22097731	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.00016792	0.703053	1.07491	1.07491	0.0680823	0.680209	-1.47014	0.834481	1.04025	1.04025	0.0673823	1.47192	1.47192	0.0922029	0.704986	-1.41847
cg17147440	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.00031761	0.00292122	0.293258	-3.40996	0.630504	0.864673	-1.15651	0.00376755	0.309443	-3.23161	0.0470321	0.505635	-1.97771	0.000533891	0.198473	-5.03848
cg12160578	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.0201775	0.878069	1.0313	1.0313	0.358213	0.827237	-1.20884	0.0077981	1.98515	1.98515	0.812882	0.953513	-1.04875	?	?	?
cg08871809	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.038919	0.830228	0.950903	-1.05163	0.668894	0.90405	-1.10613	0.906608	0.972858	-1.0279	0.0841994	1.56508	1.56508	0.86962	1.03927	1.03927
cg27618318	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.000850521	0.944262	1.01617	1.01617	0.604674	1.12728	1.12728	0.150872	0.702456	-1.42358	0.118467	0.677851	-1.47525	1.01E-05	0.113981	-8.77341
cg25691442	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.00162412	0.864024	1.05608	1.05608	0.000202333	8.71687	8.71687	0.000196923	8.79951	8.79951	0.637938	0.859826	-1.16303	0.0700645	0.51895	-1.92697
cg01024055	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.00216862	0.567947	0.872067	-1.1467	0.271362	0.76219	-1.31201	0.179116	0.712871	-1.40278	0.961291	0.988556	-1.01158	5.92E-05	0.171594	-5.8277
cg21584241	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.00498718	0.343533	0.899918	-1.11121	0.00644876	1.46643	1.46643	0.000390793	1.84199	1.84199	0.582731	0.941799	-1.0618	0.587257	0.942489	-1.06102
cg21221455	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.0210602	0.666617	1.11902	1.11902	0.00274188	2.92309	2.92309	0.0111406	2.28321	2.28321	0.184257	1.44115	1.44115	0.0271638	0.507391	-1.97087
cg11936410	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.026451	0.491261	0.846767	-1.18096	0.00411945	2.49789	2.49789	0.0035018	2.56604	2.56604	0.138306	0.684105	-1.46176	0.795729	0.94012	-1.06369
cg00631609	TPM1;TPM1	0.0387703	0.545039	0.859355	-1.16366	0.157083	1.4542	1.4542	0.835025	1.05296	1.05296	0.818375	0.944671	-1.05857	0.928727	1.02239	1.02239

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24878868	0.665487	0.870202	-1.14916	0.972594	0.98908	-1.01104	0.632274	1.1666	1.1666	0.923996	1.03097	1.03097	6.86254	11.103	1.43815	1
cg19677795	0.569582	0.913577	-1.0946	0.501644	0.8983	-1.11321	1.05E-06	7.45373	7.45373	0.0395221	1.45423	1.45423	22.7095	8.89597	0.348204	1
cg16640633	3.91E-06	10.7702	10.7702	0.920298	1.02239	1.02239	0.000436568	3.41962	3.41962	0.644604	0.902357	-1.10821	22.4543	17.4013	0.688857	1
cg27472295	0.872716	0.969497	-1.03146	0.074253	0.680924	-1.46859	1.07E-06	11.7316	11.7316	0.16828	1.328	1.328	21.5124	12.7183	0.52552	1
cg02405813	0.0263779	0.445752	-2.2434	0.380098	0.758609	-1.3182	0.000287619	6.14657	6.14657	0.513267	0.81592	-1.22561	10.4771	15.6231	1.32548	1
cg13032616	0.475702	0.835539	-1.19683	0.0280871	0.525911	-1.90146	0.000227871	4.56081	4.56081	0.560294	0.864246	-1.15708	9.14003	8.88439	0.864028	1
cg08230059	0.0254176	0.580717	-1.72201	0.807109	0.951185	-1.05132	0.00014819	3.7976	3.7976	0.778546	1.05938	1.05938	9.03539	5.9898	0.589267	1
cg01239708	0.538067	1.16452	1.16452	0.00177335	0.337107	-2.96641	0.0103003	2.2029	2.2029	0.735159	1.08648	1.08648	7.08397	6.6958	0.840182	1
cg17838734	0.285469	1.12602	1.12602	0.0247963	1.33091	1.33091	0.00308653	1.54229	1.54229	0.752496	1.03442	1.03442	6.91801	1.11471	0.161131	1
cg06577251	0.0636	1.30214	1.30214	0.00178801	0.56969	-1.75534	0.00953219	1.51535	1.51535	0.115519	1.24183	1.24183	6.62495	1.68134	0.22559	1
cg03722052	0.325367	0.723586	-1.38201	0.466377	0.789666	-1.26636	0.000272537	6.68953	6.68953	0.599086	1.18413	1.18413	5.01694	8.06474	1.42889	1
cg12864853	0.00499647	1.70508	1.70508	0.123014	0.786632	-1.27124	2.40E-08	19.6555	19.6555	0.00146413	1.93454	1.93454	60.7243	19.8413	0.290439	1
cg05197625	0.331997	0.874173	-1.14394	0.556944	0.92328	-1.08309	1.81E-08	17.943	17.943	0.0714548	1.3106	1.3106	60.026	17.1636	0.254166	1
cg08478195	0.781192	1.12214	1.12214	1.94E-06	0.00762736	-131.107	0.375392	1.45718	1.45718	0.70819	0.855898	-1.16836	19.0834	51.7646	2.41116	1
cg20891443	0.792073	0.952434	-1.04994	0.862857	1.03241	1.03241	8.70E-06	5.94176	5.94176	0.100521	1.39355	1.39355	13.6006	7.32908	0.479004	1
cg26132449	0.0347475	1.25564	1.25564	9.29E-05	1.9061	1.9061	0.0814079	0.836393	-1.19561	0.000751875	0.62327	-1.60444	14.3761	1.94781	0.120435	1
cg19052193	0.132181	0.803311	-1.24485	0.00011735	0.402866	-2.48222	0.535972	0.918991	-1.08815	0.392124	0.888541	-1.12544	14.2834	4.10998	0.255774	1
cg07349203	0.00538473	0.409488	-2.44207	0.0119201	0.465499	-2.14823	0.185953	1.40736	1.40736	0.658892	0.897402	-1.11433	8.36917	7.8702	0.835893	1
cg05947499	0.0112905	0.651145	-1.53576	0.0985203	1.27756	1.27756	0.497172	0.911013	-1.09768	0.0590336	0.749581	-1.33408	5.06876	1.46748	0.257346	1
cg09896867	0.0346591	1.97145	1.97145	0.0312932	2.00635	2.00635	0.34996	1.30364	1.30364	0.0789386	1.71202	1.71202	4.44172	5.3436	1.06938	1
cg27185772	0.615037	0.92636	-1.07949	0.141447	1.26938	1.26938	0.37519	0.87171	-1.14717	0.259955	0.837561	-1.19394	4.41581	1.59148	0.32036	1
cg12699044	0.108401	0.423018	-2.36397	0.905395	0.943266	-1.06015	0.75409	1.16692	1.16692	0.0366433	0.303362	-3.29639	3.74811	14.3256	3.39742	1
cg00562403	0.658393	1.11738	1.11738	0.00797174	0.428114	-2.33583	0.231778	1.36729	1.36729	0.491051	1.19061	1.19061	4.0033	3.94475	0.875888	1
cg11648404	0.0034414	0.556517	-1.79689	0.448258	1.12075	1.12075	0.412049	0.883631	-1.13169	0.0320332	0.690378	-1.44848	18.8608	6.49936	0.306308	1
cg18503234	0.794759	0.953967	-1.04825	0.0184598	0.596509	-1.67642	0.119358	0.736734	-1.35734	0.00032269	0.349375	-2.86225	13.973	7.2318	0.46005	1
cg23121140	0.0103426	1.40988	1.40988	0.00537009	0.67716	-1.47676	0.830777	1.02302	1.02302	0.0549302	1.26045	1.26045	12.2341	2.19116	0.159202	1
cg08847919	0.000125696	0.350963	-2.8493	0.000752526	0.448765	-2.22834	0.601886	1.08602	1.08602	0.133516	1.28882	1.28882	11.5689	4.50346	0.346021	1
cg16006626	0.0251727	0.635217	-1.57427	0.159488	1.29204	1.29204	0.492918	0.888089	-1.12601	0.619826	0.918297	-1.08897	7.03022	3.23424	0.408932	1
cg11927738	0.0139409	0.425904	-2.34795	0.00147665	0.275463	-3.63026	0.459282	0.809158	-1.23585	0.0823108	0.582222	-1.71756	6.3038	7.88533	1.1119	1
cg20256574	0.0306286	1.41414	1.41414	0.00734958	1.60222	1.60222	0.190347	0.827611	-1.2083	0.135089	0.8027	-1.2458	5.42889	1.60045	0.262048	1
cg26433582	0.00543571	0.358532	-2.78915	0.336844	0.757534	-1.32007	0.694354	0.895164	-1.11711	0.021415	0.460628	-2.17095	5.31943	6.62527	1.1071	1
cg06096695	0.0897937	0.80174	-1.24729	0.283838	0.876726	-1.14061	0.03723	0.751459	-1.33075	0.255411	1.15061	1.15061	5.20336	1.15056	0.19655	1
cg13952997	0.0921217	1.31387	1.31387	0.599723	1.08109	1.08109	0.272968	1.18292	1.18292	0.28065	0.847803	-1.17952	4.76064	1.63443	0.305175	1
cg05742993	0.00221205	0.676848	-1.47744	0.00351588	0.697524	-1.43364	0.587174	0.951334	-1.05116	0.0588284	0.82348	-1.21436	4.33747	0.568964	0.116599	1
cg06624991	0.0774603	0.452029	-2.21225	0.0100527	0.268664	-3.72212	0.0312611	0.359749	-2.77972	0.211863	0.587401	-1.70241	4.12953	10.7041	2.30408	1
cg25170956	0.0492528	1.28329	1.28329	0.139563	0.838042	-1.19326	0.834356	1.02354	1.02354	0.0192592	1.36977	1.36977	4.10065	0.802092	0.173868	1
cg04589658	0.443015	1.10733	1.10733	0.0543239	1.32927	1.32927	0.11694	1.24858	1.24858	0.0167809	1.46294	1.46294	4.04485	1.0885	0.239207	1
cg23671189	0.0066483	0.31503	-3.1743	0.011446	0.356523	-2.80487	0.545771	1.21235	1.21235	0.446522	1.27716	1.27716	4.18939	6.4196	1.19183	1
cg25042173	0.76063	0.911337	-1.09729	0.0645453	0.532115	-1.87929	0.620655	0.859343	-1.16368	0.366935	0.754562	-1.32527	3.81471	5.57767	1.29969	1
cg12152352	0.721892	0.835447	-1.19696	0.00868427	0.1859	-5.37925	0.575288	0.752191	-1.32945	0.110446	0.416841	-2.399	3.41813	13.6997	3.56263	1
cg10490196	0.000563093	0.620898	-1.61057	0.0174399	0.772596	-1.29434	0.733089	1.03098	1.03098	0.378983	1.08379	1.08379	6.68466	0.841333	0.111876	1
cg11669824	0.844728	0.950918	-1.05162	0.557198	1.1646	1.1646	0.46222	1.21178	1.21178	0.0201377	0.487027	-2.05327	13.461	14.0444	0.92741	1
cg18459342	0.0633923	1.33264	1.33264	0.000841982	1.99516	1.99516	0.920558	0.986372	-1.01382	0.862336	1.02416	1.02416	9.40559	2.81867	0.266383	1
cg01857591	0.0186497	0.473544	-2.11174	0.000204697	0.195696	-5.10995	0.138485	0.65831	-1.51904	0.178693	0.687619	-1.45429	7.05079	7.67347	0.96739	1
cg21595409	0.0161125	1.8	1.8	0.00850527	1.95502	1.95502	0.0234992	1.71622	1.71622	0.384719	1.19471	1.19471	6.45923	4.07646	0.560983	1
cg09540738	0.940675	0.982052	-1.01828	0.01406	0.47821	-2.09113	0.00481824	2.48444	2.48444	0.884363	1.03605	1.03605	5.90301	5.53565	0.833571	1
cg23295127	0.986471	1.00667	1.00667	0.0176738	0.322594	-3.09987	0.974651	0.98762	-1.01254	0.91167	0.957426	-1.04447	4.61942	11.2457	2.16394	1
cg05084750	0.0104099	0.531343	-1.88202	0.33856	0.824176	-1.21333	0.453253	1.16156	1.16156	0.125789	1.38365	1.38365	4.80038	2.92121	0.540922	1
cg01288904	0.270291	0.542303	-1.84399	0.00380024	0.124787	-8.01365	0.688991	1.23921	1.23921	0.105227	0.389192	-2.56942	3.96331	17.8396	4.00105	1
cg22273042	0.0251082	0.711548	-1.40539	0.680089	0.948415	-1.05439	0.0469323	1.33712	1.33712	0.00196644	1.7486	1.7486	5.7138	1.47656	0.229706	1
cg05818382	0.383625	0.837435	-1.19412	0.0797722	1.47124	1.47124	0.0286177	0.598816	-1.66996	0.322026	0.816148	-1.22527	14.3901	8.98785	0.555188	1
cg24862879	0.662094	0.900317	-1.11072	2.48E-05	0.135058	-7.40423	0.654823	0.898118	-1.11344	0.155607	0.695714	-1.43737	10.3572	9.35341	0.802742	1
cg24072331	0.00464791	0.406089	-2.46251	0.0590649	0.600337	-1.66573	0.00123229	0.322687	-3.09898	0.00707306	0.434653	-2.30069	8.90587	8.08275	0.806733	1
cg13919358	0.0124231	0.309831	-3.22756	0.332777	0.686418	-1.45684	0.134908	1.83488	1.83488	0.0723547	0.469928	-2.12799	6.73024	15.1178	1.99667	1
cg17093809	0.261206	0.729369	-1.37105	0.00137707	0.286573	-3.48952	0.691886	0.898277	-1.11324	0.097435	1.63203	1.63203	5.51094	6.3309	1.02114	1
cg22844586	0.02271	0.281559	-3.55166	0.00358857	0.159968	-6.25124	0.0144437	0.246382	-4.05874	0.174792	0.511338	-1.95565	5.12156	17.5182	3.04043	1
cg01198661	0.0105053	2.51166	2.51166	0.181419	1.50044	1.50044	0.903556	1.03528	1.03528	0.665027	0.882855	-1.13269	4.45259	5.76843	1.15157	1
cg00955096	0.613045	0.674652	-1.48225	0.758723	1.2684	1.2684	0.00700255	14.7497	14.7497	0.00499631	17.5846	17.5846	3.57647	33.7338	8.38413	1
cg01948955	0.890063	0.985703	-1.0145	0.540089	1.06672	1.06672	0.841038	1.02113	1.02113	0.524834	1.0694	1.0694	12.5931	2.16232	0.152628	1
cg22100563	0.0161927	0.607922	-1.64495	0.00520257	1.8815	1.8815	0.964633	1.00729	1.00729	0.00250896	0.483888	-2.06659	9.6971	4.03557	0.323682	1
cg22332321	0.0125413	0.309893	-3.22692	0.00426762	0.236343	-4.23115	0.866542	0.938514	-1.06551	0.178636	0.58327	-1.71447	5.77347	13.0154	2.00386	1
cg17132148	0.151429	1.23439	1.23439	0.00166881	1.85141	1.85141	0.64578	0.938565	-1.06546	0.0173719	0.672451	-1.4871	5.41178	1.6086	0.264214	1
cg12730202	0.044493	0.847275	-1.18026	0.0846637	0.872	-1.14679	0.0834546	1.14753	1.14753	0.0130889	1.24738	1.24738	4.99824	0.408343	0.07262	1
cg07384357	0.647639	0.838339	-1.19284	0.0638143	2.22193	2.22193	0.732697	1.14039	1.14039	0.614539	0.823177	-1.21481	3.89101	9.04883	2.06718	1
cg07411111	0.299855	0.807768	-1.23798	0.624565	1.10297	1.10297	0.828775	0.957877	-1.04398	0.00323523	0.45019	-2.22129	3.48672	2.1802	0.555811	1
cg14572436	0.281466	0.889458	-1.12428	0.00491522	1.47693	1.47693	0.213541	0.871904	-1.14691	0.728767	0.964224	-1.0371	5.2192	0.905312	0.154185	1
cg03485840	0.0565189	0.446467	-2.23981	0.101158	0.511465	-1.95517	0.0752022	0.477125	-2.09589	0.0664004	0.463493	-2.15753	9.85996	21.7857	1.96401	1
cg14286682	0.105032	0.388463	-2.57425	0.00247258	0.105781	-9.45354	0.100725	0.383015	-2.61087	0.0600073	0.32219	-3.10376	3.98335	17.9773	4.01165	1
cg13857519	0.0147845	0.373095	-2.68028	0.654422	0.862346	-1.15963	0.0412569	0.461213	-2.16819	0.00466547	0.29038	-3.44377	12.1811	20.8438	1.52102	1
cg16935075	0.0443105	1.71487	1.71487	0.240364	0.750516	-1.33242	0.177457	0.7156	-1.39743	0.000756776	0.30356	-3.29425	12.0145	10.3721	0.767377	1
cg08400935	0.376422	0.745476	-1.34142	0.378246	1.33984	1.33984	0.780352	0.913506	-1.09468	0.697606	0.881302	-1.13469	5.72116	9.48872	1.47425	1
cg20554822	0.0275067	0.612873	-1.63166	0.157844	0.753071	-1.3279	0.939817	1.01428	1.01428	0.109193	0.72034	-1.38823	4.39649	2.45579	0.496515	1
cg03570920	0.116097	0.592453	-1.6879	0.00016008	0.138482	-7.22115	0.535507	0.825025	-1.21208	0.127954	0.603835	-1.65608	9.83281	14.6324	1.32278	1
cg18701449	0.0889294	0.424185	-2.35746	0.00631446	0.19678	-5.08182	0.142887	0.486862	-2.05397	0.00892095	0.218553	-4.57554	5.89036	19.4912	2.94133	1
cg17036562	0.109507	0.626964	-1.59499	0.952631	0.984231	-1.01602	0.862763	0.954763	-1.04738	0.00372669	0.350586	-2.85237	5.537	6.27793	1.00783	1
cg03565659	0.00931432	0.584006	-1.71231	0.037438	0.674535	-1.4825	0.0184986	0.627638	-1.59328	0.279885	0.832636	-1.20101	5.00056	2.10549	0.374267	1
cg02965092	0.541524	1.26571	1.26571	0.00531988	0.246552	-4.05594	0.98917	0.994838	-1.00519	0.0324792	0.385033	-2.59718	4.42227	10.1816	2.04652	1
cg21661983	0.962692	0.983759	-1.01651	0.0287013	0.405233	-2.46772	0.900175	1.04491	1.04491	0.133599	0.567573	-1.76189	4.33783	8.41857	1.7251	1
cg19530293	0.00145133	2.2478	2.2478	0.618999	0.915528	-1.09227	0.464113	1.14017	1.14017	0.799	0.956072	-1.04595	3.96317	1.94538	0.436325	1
cg02754084	0.0969451	0.247628	-4.03831	0.0176129	0.109427	-9.13854	0.0201857	0.116911	-8.55348	0.0565538	0.19133	-5.22657	3.75166	34.8761	8.26326	1
cg14791008	0.0200874	0.239491	-4.17551	0.0065917	0.16567	-6.03608	0.0339181	0.283114	-3.53215	0.633748	0.783009	-1.27712	3.52794	14.5105	3.65602	1
cg25669230	0.715985	0.90059	-1.11038	0.682564	0.888847	-1.12505	0.792169	1.07861	1.07861	0.580448	1.17349	1.17349	3.49219	4.54162	1.15601	1
cg11021764	0.0157718	0.690533	-1.44816	3.10E-05	0.361491	-2.76632	0.338318	1.13151	1.13151	0.633924	0.941714	-1.06189	10.976	2.72384	0.22059	1
cg24672547	0.825693	0.972916	-1.02784	0.00180676	1.73739	1.73739	0.846667	1.02439	1.02439	0.511933	1.08633	1.08633	7.39232	1.81445	0.218179	1
cg01213014	0.789829	1.05476	1.05476	0.00895575	0.515087	-1.94142	0.246474	1.27362	1.27362	0.535838	0.882395	-1.13328	5.69135	3.58967	0.560643	1
cg03067226	0.573273	1.10845	1.10845	0.460735	0.872964	-1.14552	0.514682	1.12697	1.12697	0.219068	1.26343	1.26343	4.16309	2.15795	0.460759	1
cg17399119	0.149235	0.652974	-1.53146	0.0493452	0.538902	-1.85563	0.00307019	3.05609	3.05609	0.314715	1.33179	1.33179	3.82381	4.59965	1.06924	1
cg16426148	0.00391599	0.359972	-2.778	0.122411	0.64372	-1.55347	0.255751	0.731846	-1.36641	0.313798	1.31538	1.31538	3.42509	3.75597	0.97476	1
cg16636935	0.286452	1.05732	1.05732	2.42E-05	1.52753	1.52753	0.139447	0.923037	-1.08338	0.171622	0.929338	-1.07603	11.6386	0.467392	0.0356968	1
cg15325042	0.00841155	0.422446	-2.36717	0.0072046	0.411487	-2.43021	0.0918725	0.621816	-1.60819	0.22416	0.721137	-1.3867	8.36132	8.68014	0.922782	1
cg18956562	0.00508424	0.67628	-1.47868	0.564089	1.06353	1.06353	0.503859	0.93086	-1.07428	0.000199432	0.51697	-1.93435	83.2982	14.7182	0.15706	1
cg03182504	0.444977	1.16033	1.16033	0.665578	0.920306	-1.0866	0.709839	0.93111	-1.07399	0.389054	1.18362	1.18362	20.4582	11.8177	0.513467	1
cg21690631	0.00897734	0.538172	-1.85814	0.0229017	0.601978	-1.66119	0.103146	0.717188	-1.39434	0.000871033	0.394047	-2.53777	20.2527	11.1519	0.489456	1
cg02641052	0.0752091	0.703396	-1.42167	0.000244075	0.340651	-2.93555	6.59E-05	0.272506	-3.66965	0.102781	1.37302	1.37302	19.8944	9.93795	0.444031	1
cg01832012	0.00899547	0.361565	-2.76575	0.019402	0.42075	-2.37671	0.835553	0.93832	-1.06573	0.00360563	0.299126	-3.34307	19.7267	29.308	1.32062	1
cg06550309	0.355122	0.910289	-1.09855	0.322357	0.903922	-1.10629	0.0271538	0.772287	-1.29485	0.756291	0.969707	-1.03124	16.9702	2.62412	0.13745	1
cg15972370	0.144972	1.24314	1.24314	0.546486	0.91865	-1.08855	0.046876	0.728821	-1.37208	0.000916331	0.50214	-1.99148	15.1058	4.62489	0.272148	1
cg21073826	0.225738	0.681718	-1.46688	0.405438	1.29221	1.29221	0.615195	1.16491	1.16491	0.0231563	0.441457	-2.26523	10.429	14.9817	1.27693	1
cg21370481	0.765305	0.928555	-1.07694	0.200249	0.715332	-1.39795	0.000216826	4.60793	4.60793	0.013883	2.12263	2.12263	9.19617	8.92908	0.863072	1
cg18992848	0.625955	0.838318	-1.19286	0.00861055	0.30035	-3.32945	0.00181986	0.203702	-4.90913	0.125722	0.551631	-1.81281	7.0377	14.3666	1.81456	1
cg11183253	0.484012	0.857998	-1.1655	0.0292795	1.73841	1.73841	0.259558	1.28822	1.28822	0.0245575	0.561758	-1.78013	6.58526	4.83609	0.652783	1
cg13120875	0.835535	1.09931	1.09931	0.0118624	0.239163	-4.18125	0.00116775	8.76451	8.76451	0.101755	2.26111	2.26111	6.53483	21.468	2.92015	1
cg23307858	0.620229	1.15836	1.15836	0.189744	0.664477	-1.50494	0.00118593	4.05171	4.05171	0.0082171	2.7048	2.7048	6.12777	8.4051	1.21923	1
cg14268194	0.138575	0.477613	-2.09374	0.00152452	0.120627	-8.28999	0.280701	0.594725	-1.68145	0.00496063	0.178344	-5.60715	6.07023	20.6493	3.02376	1
cg07612045	0.026614	0.710916	-1.40664	0.469493	1.10027	1.10027	0.314565	0.873678	-1.14459	0.861201	0.977532	-1.02298	5.79372	1.54715	0.237368	1
cg08599300	0.988504	1.0024	1.0024	0.591266	0.913876	-1.09424	0.379626	1.16153	1.16153	0.199549	1.25254	1.25254	5.09606	2.22765	0.388561	1
cg19735335	0.821323	0.955882	-1.04615	0.00801338	0.507761	-1.96943	0.29826	0.806485	-1.23995	0.0438962	0.630052	-1.58717	4.53691	2.85896	0.560138	1
cg06018711	0.539073	0.772194	-1.29501	0.555286	1.28149	1.28149	0.355249	1.48488	1.48488	0.36212	0.677456	-1.47611	3.94227	10.7902	2.43295	1
cg19714749	0.66978	0.91808	-1.08923	0.028462	0.597397	-1.67393	0.697304	0.925076	-1.08099	0.709528	1.0774	1.0774	7.83634	4.92684	0.55886	1
cg12855773	0.0440293	0.613784	-1.62924	0.102941	0.686384	-1.45691	0.683226	0.917097	-1.0904	0.0591085	0.637928	-1.56757	3.68437	2.59633	0.626388	1
cg04194852	8.41E-08	6.56898	6.56898	0.00311344	1.53829	1.53829	0.00241655	0.637661	-1.56823	0.428001	0.917425	-1.09001	53.939	9.69012	0.159688	1
cg00543460	1.37E-06	0.157503	-6.34907	1.27E-05	0.252496	-3.96045	0.000686877	0.459837	-2.17468	0.00126578	0.494114	-2.02382	32.4024	11.5244	0.316146	1
cg24483493	0.13793	1.29601	1.29601	0.451519	0.882932	-1.13259	0.000312378	2.58267	2.58267	0.263704	1.20818	1.20818	31.5159	13.1502	0.370895	1
cg22097731	3.55E-06	7.79076	7.79076	0.0122341	0.55506	-1.80161	0.142378	1.3464	1.3464	0.0088614	1.87445	1.87445	19.2613	10.8515	0.500786	1
cg17147440	0.0207369	0.43371	-2.30569	7.73E-06	0.052618	-19.0049	0.0174161	0.419566	-2.38341	0.00511429	0.329625	-3.03375	16.1951	23.0861	1.26711	1
cg12160578	0.88489	0.971338	-1.02951	0.302764	0.807112	-1.23899	0.00226713	2.35693	2.35693	0.0943748	1.44648	1.44648	4.7755	2.70924	0.567321	1
cg08871809	0.186108	0.719879	-1.38912	0.00105117	0.320928	-3.11596	0.503377	0.852803	-1.1726	0.801943	1.0607	1.0607	3.72042	3.23918	0.77391	1
cg27618318	0.0984442	0.659848	-1.5155	0.337237	0.796943	-1.25479	0.475808	0.846754	-1.18098	0.00402599	0.412149	-2.42631	12.3177	10.2672	0.740915	1
cg25691442	0.305956	1.40377	1.40377	0.871331	0.949712	-1.05295	0.34968	1.36037	1.36037	0.38437	0.75205	-1.3297	12.29	19.3017	1.22152	1
cg01024055	0.0221214	0.521684	-1.91687	0.0475646	1.71156	1.71156	0.0605731	1.65168	1.65168	0.938399	1.0185	1.0185	9.41678	8.38796	0.791774	1
cg21584241	0.00380673	1.52463	1.52463	0.458829	0.921718	-1.08493	0.500042	1.07679	1.07679	0.173425	1.16945	1.16945	7.34435	1.35849	0.164418	1
cg21221455	0.58738	1.15276	1.15276	0.128112	1.53234	1.53234	0.184722	1.44053	1.44053	0.472403	1.20882	1.20882	4.62251	4.92876	0.94778	1
cg11936410	0.866716	1.04077	1.04077	0.660252	1.11098	1.11098	0.247536	1.33328	1.33328	0.993873	0.998175	-1.00183	4.27231	3.83001	0.796864	1
cg00631609	0.15253	0.684357	-1.46123	0.000957815	0.295985	-3.37855	0.220005	0.726783	-1.37593	0.885869	0.965085	-1.03618	3.72565	3.61315	0.862047	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04048802	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.00345247	0.511818	0.927928	-1.07767	0.0358547	1.31587	1.31587	0.424883	1.09594	1.09594	0.00378929	1.55131	1.55131	0.247711	0.87296	-1.14553
cg13969788	TPM2;TPM2;TPM2	0.00094987	0.0487029	1.90445	1.90445	0.0847238	1.72553	1.72553	0.449929	0.802287	-1.24644	0.774863	0.921222	-1.08551	0.0310516	0.484672	-2.06325
cg26607748	TPM2;TPM2;TPM2	0.0165802	0.970522	1.00584	1.00584	0.138877	0.777867	-1.28557	0.0392908	1.4565	1.4565	0.955985	1.00874	1.00874	0.551631	0.9094	-1.09963
cg12494355	TPM2;TPM2;TPM2	0.038624	0.719811	1.09859	1.09859	0.0460824	1.81607	1.81607	0.379077	1.26562	1.26562	0.322456	0.765823	-1.30578	0.00662551	0.398518	-2.5093
cg03830929	TPM3	1.05E-05	0.020323	0.427439	-2.33951	4.87E-05	0.0981993	-10.1834	0.000237886	0.157322	-6.3564	0.000121806	0.130219	-7.67938	7.78E-06	0.0508154	-19.6791
cg14835484	TPM3	1.48E-05	0.618372	0.878615	-1.13815	0.00230701	0.333789	-2.9959	0.00114717	0.29181	-3.42688	0.143505	1.49936	1.49936	1.17E-05	0.0914251	-10.9379
cg00950004	TPM3	0.00130297	0.00159404	0.193782	-5.16045	0.000438264	0.133691	-7.47994	0.0169609	0.348273	-2.87131	0.0256155	0.382699	-2.61302	0.00201999	0.206483	-4.84302
cg27313201	TPM3	0.00367203	0.0222521	0.249469	-4.00851	0.00138586	0.0954736	-10.4741	0.0157708	0.223363	-4.47703	0.7223	0.834589	-1.19819	0.00445807	0.146301	-6.83523
cg24490338	TPM3	0.0151188	0.0145204	0.102446	-9.76124	0.00554403	0.063439	-15.7632	0.0271815	0.138297	-7.23081	0.132121	0.292369	-3.42033	0.00888458	0.0804966	-12.4229
cg12205230	TPM3	0.0244877	0.0184076	0.14712	-6.79715	0.0125911	0.125031	-7.99803	0.0408267	0.205533	-4.86539	0.040702	0.205272	-4.87159	0.0549298	0.232546	-4.30022
cg11718162	TPM3;TPM3;NUP210L;TPM3;TPM3;NUP210L	0.0342966	0.657113	0.769473	-1.29959	0.00282088	0.0895523	-11.1667	0.0119926	0.159085	-6.28596	0.712408	0.804792	-1.24256	0.0355669	0.238087	-4.20014
cg19757176	TPM3;TPM3;NUP210L;TPM3;TPM3;NUP210L	0.0472139	0.522905	0.717134	-1.39444	0.00956304	0.185445	-5.39244	0.0210319	0.240442	-4.159	0.492406	0.699058	-1.4305	0.0232574	0.248392	-4.0259
cg16289421	TPM3;TPM3;TPM3;TPM3;TPM3	0.013096	0.0101323	0.301816	-3.31328	0.0156689	0.334851	-2.9864	0.049137	0.436285	-2.29208	0.617743	0.830424	-1.2042	0.00358618	0.233	-4.29184
cg10890570	TPM3;TPM3;TPM3;TPM3;TPM3	0.0312655	0.0114385	0.45877	-2.17974	0.207457	1.38721	1.38721	0.224518	1.36908	1.36908	0.95323	1.01455	1.01455	0.0436277	0.564874	-1.7703
cg00155429	TPM3;TPM3;TPM3;TPM3;TPM3;TPM3;TPM3;TPM3;TPM3	0.00844377	?	?	?	0.765635	1.13039	1.13039	0.017383	3.89891	3.89891	?	?	?	0.00278848	0.119015	-8.40228
cg25107608	TPM3;TPM3;TPM3;TPM3;TPM3;TPM3;TPM3;TPM3;TPM3	0.0198131	0.179083	0.674278	-1.48307	?	?	?	0.057788	0.545245	-1.83404	0.00176474	0.250786	-3.98747	?	?	?
cg26149167	TPM4;TPM4	0.000359309	0.209103	1.20576	1.20576	0.198019	1.212	1.212	0.624712	1.07216	1.07216	0.465728	1.11061	1.11061	0.446356	1.11594	1.11594
cg16232979	TPM4;TPM4	0.00179692	0.0983536	0.713198	-1.40213	0.96524	0.991908	-1.00816	0.12144	1.36761	1.36761	0.000616088	0.37417	-2.67258	0.0141767	0.568781	-1.75815
cg22809780	TPM4;TPM4	0.00623353	0.00188608	0.190748	-5.24251	0.256447	1.56123	1.56123	0.0109448	0.300905	-3.32331	0.261962	0.644094	-1.55257	0.000477748	0.127212	-7.86089
cg11905624	TPM4;TPM4	0.00808565	0.0178205	0.519327	-1.92557	0.310746	1.26944	1.26944	0.764564	1.07071	1.07071	0.0180567	1.92191	1.92191	0.0337751	0.568998	-1.75748
cg19955309	TPMT	0.030438	0.0692844	0.590396	-1.69378	0.0125035	0.446787	-2.23821	0.049023	0.558376	-1.79091	0.631834	1.13335	1.13335	0.00909497	0.423423	-2.3617
cg07465480	TPMT;KDM1B	0.0480002	0.732242	0.942642	-1.06085	0.0549814	1.45392	1.45392	0.0608458	1.43826	1.43826	0.221723	1.2472	1.2472	0.872922	0.972845	-1.02791
cg14935163	TPO;TPO;TPO;TPO	2.13E-05	0.0510367	0.8253	-1.21168	0.00529238	1.37382	1.37382	0.000255705	0.594336	-1.68255	0.562993	1.05182	1.05182	0.0122674	1.30934	1.30934
cg15301057	TPO;TPO;TPO;TPO	4.98E-05	0.264434	0.839836	-1.19071	0.000395163	0.428792	-2.33213	0.835895	0.969353	-1.03162	0.889949	1.02099	1.02099	4.91E-05	0.318347	-3.14123
cg23136645	TPO;TPO;TPO;TPO	0.000262554	0.806609	1.02858	1.02858	0.180045	1.17772	1.17772	1.31E-05	0.349642	-2.86007	0.0071252	0.670763	-1.49084	0.690658	1.04703	1.04703
cg26140366	TPO;TPO;TPO;TPO	0.000536169	0.333536	0.817674	-1.22298	0.945175	0.986217	-1.01398	0.159946	0.738595	-1.35392	0.471753	0.862669	-1.15919	0.0301622	1.67279	1.67279
cg02963613	TPO;TPO;TPO;TPO	0.000610733	0.759756	0.952327	-1.05006	0.121472	0.765384	-1.30653	0.972272	1.00555	1.00555	0.285174	1.19338	1.19338	4.22E-05	0.289212	-3.45767
cg10370591	TPO;TPO;TPO;TPO	0.000671384	0.0375416	0.634888	-1.57508	0.941687	1.01387	1.01387	0.552486	1.11979	1.11979	0.315103	0.822369	-1.216	0.00275011	0.459369	-2.1769
cg00040862	TPO;TPO;TPO;TPO	0.00107412	0.494505	0.907852	-1.1015	0.00043295	0.460451	-2.17179	0.000969495	0.504453	-1.98234	0.301641	0.861458	-1.16082	0.0579684	0.741808	-1.34806
cg10672136	TPO;TPO;TPO;TPO	0.00239069	0.173697	0.809633	-1.23513	0.294516	0.853318	-1.1719	0.0032478	0.556764	-1.79609	0.0741479	0.748015	-1.33687	0.000111233	0.370964	-2.69568
cg26277787	TPO;TPO;TPO;TPO	0.00291187	0.799494	1.10352	1.10352	0.691827	0.857106	-1.16672	0.136529	0.53751	-1.86043	0.152219	1.81047	1.81047	0.00015464	0.081371	-12.2894
cg12680131	TPO;TPO;TPO;TPO	0.00300558	0.0710497	1.48127	1.48127	0.0982359	0.702335	-1.42382	0.470639	0.866762	-1.15372	0.754367	0.940679	-1.06306	0.000172949	0.288639	-3.46453
cg21856680	TPO;TPO;TPO;TPO	0.003498	0.00469728	0.344722	-2.90089	0.0872801	0.58559	-1.70768	0.0355886	0.49987	-2.00052	0.0183939	0.444519	-2.24962	0.00348966	0.325168	-3.07533
cg23239637	TPO;TPO;TPO;TPO	0.00402046	0.70978	0.947193	-1.05575	0.160935	1.24274	1.24274	0.00129542	1.97424	1.97424	0.0644594	0.739736	-1.35183	0.0432949	0.713662	-1.40122
cg18019372	TPO;TPO;TPO;TPO	0.00446623	0.0173045	0.625999	-1.59745	0.0387806	1.47199	1.47199	0.479043	0.890237	-1.1233	0.947094	0.989335	-1.01078	0.0499039	0.696762	-1.43521
cg16407924	TPO;TPO;TPO;TPO	0.00454145	0.00702213	0.17285	-5.78536	0.311924	1.69354	1.69354	0.100726	0.404384	-2.47289	0.0266955	0.266503	-3.75231	0.00191181	0.109304	-9.1488
cg19905414	TPO;TPO;TPO;TPO	0.00519882	0.00122703	0.163772	-6.10605	0.017583	0.331053	-3.02067	0.0156102	0.321591	-3.10954	0.0404389	0.40426	-2.47366	0.000395311	0.115423	-8.66379
cg06500727	TPO;TPO;TPO;TPO	0.00528012	0.788832	0.930461	-1.07474	0.212588	0.702934	-1.42261	0.355726	0.774864	-1.29055	0.477608	0.823768	-1.21393	0.00748712	0.39678	-2.52029
cg25250661	TPO;TPO;TPO;TPO	0.00596886	0.845147	1.04579	1.04579	0.00212297	0.372006	-2.68813	0.000418253	0.277764	-3.60018	0.215331	0.741845	-1.34799	0.844979	0.956167	-1.04584
cg01681351	TPO;TPO;TPO;TPO	0.00632628	0.0650249	0.699264	-1.43008	0.0101493	0.571284	-1.75044	0.0780304	0.713127	-1.40227	0.429826	0.870097	-1.1493	0.000293117	0.360969	-2.77032
cg10531568	TPO;TPO;TPO;TPO	0.00684672	0.303277	0.847349	-1.18015	0.209771	0.81437	-1.22794	0.138736	0.780689	-1.28092	0.952518	1.00929	1.00929	0.750093	1.0509	1.0509
cg13661012	TPO;TPO;TPO;TPO	0.0079877	0.0692939	0.368892	-2.71082	0.0062429	5.74925	5.74925	0.531638	1.36468	1.36468	0.422836	0.669148	-1.49444	0.00420674	0.152423	-6.56071
cg14601038	TPO;TPO;TPO;TPO	0.00981739	0.340232	1.58564	1.58564	0.00266379	7.01901	7.01901	0.255281	0.572899	-1.74551	0.462241	1.42048	1.42048	0.156366	2.0363	2.0363
cg25013910	TPO;TPO;TPO;TPO	0.0108237	0.521086	0.80442	-1.24313	0.190677	0.628973	-1.58989	0.185946	0.62547	-1.5988	0.614882	1.185	1.185	0.473141	0.783375	-1.27653
cg04658693	TPO;TPO;TPO;TPO	0.0108585	0.549534	0.906102	-1.10363	0.000237649	0.371098	-2.69471	0.353994	0.856174	-1.16799	0.443901	0.880642	-1.13554	0.458418	0.884314	-1.13082
cg05678658	TPO;TPO;TPO;TPO	0.010875	0.267895	1.24039	1.24039	0.312305	1.21544	1.21544	0.423797	1.16473	1.16473	0.122323	1.36693	1.36693	0.405605	1.17214	1.17214
cg07713008	TPO;TPO;TPO;TPO	0.0115885	0.113522	0.818675	-1.22149	0.00567007	1.52446	1.52446	0.0932222	0.806916	-1.23929	0.14953	0.835661	-1.19666	0.102126	0.812324	-1.23104
cg02924495	TPO;TPO;TPO;TPO	0.0125822	0.571123	0.901734	-1.10897	0.000456997	2.71147	2.71147	0.0201517	1.6594	1.6594	0.0950193	1.39309	1.39309	0.406075	0.857615	-1.16602
cg09757588	TPO;TPO;TPO;TPO	0.0126614	0.321514	0.820808	-1.21831	0.663583	0.91908	-1.08804	0.0569036	0.660049	-1.51504	0.0255877	0.599672	-1.66758	0.0119143	0.546031	-1.8314
cg24215279	TPO;TPO;TPO;TPO	0.0139125	0.362535	0.697465	-1.43376	0.00180657	5.51957	5.51957	0.644765	1.1957	1.1957	0.132793	0.535577	-1.86715	0.0135499	0.308417	-3.24236
cg26541429	TPO;TPO;TPO;TPO	0.0150318	0.500888	1.12462	1.12462	0.690003	0.933399	-1.07135	0.00991328	0.571173	-1.75078	0.0115272	0.580891	-1.72149	0.00443813	0.520672	-1.9206
cg01112527	TPO;TPO;TPO;TPO	0.0158956	0.0302679	0.749616	-1.33402	0.362795	0.899583	-1.11163	0.0894239	0.809063	-1.236	0.084749	0.805986	-1.24072	0.336124	1.11875	1.11875
cg24216893	TPO;TPO;TPO;TPO	0.0159844	0.0261459	0.112076	-8.92253	0.0187347	0.0941668	-10.6195	0.0881496	0.209994	-4.76204	0.0523808	0.160449	-6.23253	0.0172975	0.090293	-11.0751
cg11275685	TPO;TPO;TPO;TPO	0.0195299	0.557846	0.859183	-1.1639	0.0546467	1.74756	1.74756	0.857136	0.954903	-1.04723	0.646766	0.888557	-1.12542	0.00144767	0.3077	-3.24992
cg03795587	TPO;TPO;TPO;TPO	0.0200604	0.0435005	0.465961	-2.1461	0.0523935	0.484005	-2.06609	0.448157	0.775476	-1.28953	0.883134	1.04957	1.04957	0.00256539	0.252704	-3.9572
cg06972972	TPO;TPO;TPO;TPO	0.020147	0.76861	1.09933	1.09933	0.540537	0.819644	-1.22004	0.665422	1.14989	1.14989	0.978836	1.00855	1.00855	0.000311463	0.153004	-6.53578
cg26605809	TPO;TPO;TPO;TPO	0.0246013	0.00956078	0.205973	-4.85502	0.370248	0.642091	-1.55741	0.203858	0.524299	-1.90731	0.0864633	0.401778	-2.48894	0.0125348	0.224188	-4.46055
cg14011419	TPO;TPO;TPO;TPO	0.0294097	0.126739	0.711452	-1.40558	0.565158	1.12732	1.12732	0.124932	0.710105	-1.40824	0.559433	0.885456	-1.12936	0.0671337	0.655135	-1.5264
cg16016036	TPO;TPO;TPO;TPO	0.0305986	0.827184	1.03156	1.03156	0.278689	1.17359	1.17359	0.749983	1.04648	1.04648	0.671965	0.941265	-1.0624	0.0161665	0.658261	-1.51915
cg14691886	TPO;TPO;TPO;TPO	0.0307305	0.858859	1.0365	1.0365	0.0120583	0.532334	-1.87852	0.0526594	0.641688	-1.55839	0.752497	1.06579	1.06579	0.884539	1.0297	1.0297
cg17299636	TPO;TPO;TPO;TPO	0.0307798	0.00685827	0.198821	-5.02966	0.450204	1.42615	1.42615	0.0296087	0.3068	-3.25945	0.0885732	0.420304	-2.37923	0.0304494	0.309285	-3.23327
cg00626390	TPO;TPO;TPO;TPO	0.037316	0.380811	0.814695	-1.22745	0.292925	0.779779	-1.28241	0.0030178	0.395771	-2.52671	0.172912	0.718449	-1.39189	0.203031	0.736126	-1.35846
cg01312658	TPO;TPO;TPO;TPO	0.0419619	0.345178	0.718365	-1.39205	0.167428	1.64979	1.64979	0.189826	1.60392	1.60392	0.615156	0.841596	-1.18822	0.903941	0.959757	-1.04193
cg19407717	TPO;TPO;TPO;TPO	0.0437035	0.044963	0.365482	-2.73612	0.607215	1.2546	1.2546	0.235055	0.580178	-1.72361	0.986781	0.992779	-1.00727	0.00212806	0.151315	-6.60872
cg07083862	TPO;TPO;TPO;TPO;TPO;TPO	0.0123445	0.687891	1.17419	1.17419	0.290644	0.646573	-1.54661	0.890885	0.946882	-1.0561	0.784711	1.11504	1.11504	0.170971	0.560072	-1.78548
cg00267296	TPP1	2.14E-06	0.0127004	0.772232	-1.29495	0.966061	0.996455	-1.00356	0.25344	0.905255	-1.10466	0.301711	0.914573	-1.09341	0.115611	0.866973	-1.15344
cg23556886	TPP1	0.00390118	0.0048716	0.277184	-3.60771	0.652485	0.855706	-1.16863	0.544706	0.80998	-1.2346	0.275305	1.47721	1.47721	0.000231746	0.122396	-8.1702
cg25546539	TPP1	0.012699	0.020291	0.233391	-4.28465	0.539061	0.723705	-1.38178	0.206364	0.500045	-1.99982	0.586835	0.751774	-1.33019	0.00428073	0.137108	-7.29352
cg13237843	TPP1	0.014727	0.080364	0.764918	-1.30733	0.0023713	0.556783	-1.79603	0.0172161	1.49331	1.49331	0.198357	1.20661	1.20661	0.385722	1.13073	1.13073
cg13275814	TPP1	0.0266486	0.853653	0.977587	-1.02293	0.893597	0.983706	-1.01656	0.496821	1.08838	1.08838	0.00144824	0.568362	-1.75944	0.293678	0.874835	-1.14307
cg19502932	TPP1;TPP1	0.0485807	0.941225	1.00872	1.00872	0.291687	1.13744	1.13744	0.564824	1.0709	1.0709	0.874836	0.981617	-1.01873	0.853748	0.978514	-1.02196
cg25810455	TPP2	0.00220629	0.0443581	1.48405	1.48405	0.000392683	0.380783	-2.62617	0.00344123	0.50703	-1.97227	0.0889674	0.725658	-1.37806	0.202719	1.25846	1.25846
cg02197918	TPP2	0.00301887	0.0623368	0.451951	-2.21263	0.000543953	22.7139	22.7139	0.00055931	22.2114	22.2114	0.637666	1.17066	1.17066	0.10846	1.89253	1.89253
cg26782876	TPP2	0.00591325	0.222331	0.546409	-1.83013	0.190784	1.92099	1.92099	0.193338	1.91299	1.91299	0.00395764	0.160995	-6.21137	0.00131369	0.110398	-9.05812
cg05202389	TPP2	0.0119338	0.00165954	0.340438	-2.93739	0.045522	0.577467	-1.7317	0.411659	0.817917	-1.22262	0.525946	1.16634	1.16634	0.0350562	0.555447	-1.80035
cg05938018	TPP2	0.043019	0.00572154	0.692074	-1.44493	0.221976	0.877745	-1.13928	0.0261929	1.30729	1.30729	0.778482	1.02906	1.02906	0.85525	1.01872	1.01872
cg05692319	TPP2;TPP2	0.0218936	0.84575	1.03509	1.03509	0.0692823	1.4331	1.4331	0.164076	1.3007	1.3007	0.185994	0.780144	-1.28182	0.673139	0.927627	-1.07802
cg26564606	TPPP	0.000915856	0.461511	0.889673	-1.12401	0.000273399	0.394609	-2.53415	0.000180869	0.372284	-2.68612	0.0058381	1.7557	1.7557	0.0944282	1.33203	1.33203
cg09884756	TPPP	0.00184453	0.890646	1.03782	1.03782	0.148646	1.51903	1.51903	0.945186	1.01873	1.01873	0.593621	1.15645	1.15645	0.972235	1.00944	1.00944
cg10549338	TPPP	0.00337268	0.906201	0.972426	-1.02836	0.28979	0.770565	-1.29775	0.091244	1.55461	1.55461	0.515294	1.16941	1.16941	7.04E-05	0.179005	-5.58643
cg22084487	TPPP	0.00406096	0.907532	1.02947	1.02947	0.165901	1.4468	1.4468	0.116641	0.653013	-1.53136	0.944345	0.982699	-1.01761	0.000127948	0.189138	-5.28713
cg22936884	TPPP	0.00418357	0.939018	1.00958	1.00958	0.00147663	0.564468	-1.77158	0.0842503	1.26884	1.26884	0.177922	0.836566	-1.19536	0.0314184	0.730066	-1.36974
cg18765565	TPPP	0.00440451	0.00185586	13.9139	13.9139	0.00348101	10.6263	10.6263	0.0655538	3.42756	3.42756	0.0899111	3.04702	3.04702	0.0414184	4.06278	4.06278
cg10177080	TPPP	0.00590387	0.140896	1.50913	1.50913	0.039879	0.539413	-1.85387	0.0158093	0.463812	-2.15605	0.00952043	2.34765	2.34765	0.309391	0.760829	-1.31436
cg24082121	TPPP	0.0103485	0.600908	1.41882	1.41882	0.204785	0.411957	-2.42744	0.711218	1.27951	1.27951	0.357808	1.87158	1.87158	0.135534	0.344282	-2.90459
cg02028023	TPPP	0.0119954	0.270137	1.21783	1.21783	0.275408	0.823043	-1.215	0.000917332	0.427323	-2.34015	0.97864	0.995415	-1.00461	0.84684	1.03375	1.03375
cg05631486	TPPP	0.0122167	0.0773169	0.703648	-1.42116	0.729793	1.06402	1.06402	0.555855	1.11252	1.11252	0.801439	0.955902	-1.04613	0.000800521	0.404186	-2.47411
cg12643732	TPPP	0.022333	0.00391928	0.429458	-2.32852	0.0367577	1.6959	1.6959	0.0379948	1.68832	1.68832	0.0637392	1.57422	1.57422	0.80414	1.05559	1.05559
cg05945584	TPPP	0.0288813	0.0775052	5.07502	5.07502	0.00378501	25.3744	25.3744	0.0254112	9.01674	9.01674	0.92685	1.07898	1.07898	0.157761	0.286423	-3.49134
cg16455401	TPPP	0.0385545	0.174983	1.66793	1.66793	0.0231664	2.61886	2.61886	0.0797365	1.99294	1.99294	0.0335554	2.41221	2.41221	0.633528	0.843379	-1.18571
cg04476341	TPPP	0.0411835	0.718435	0.899501	-1.11173	0.0132723	2.45391	2.45391	0.838891	1.06136	1.06136	0.93898	1.02265	1.02265	0.463469	1.24396	1.24396
cg14401454	TPPP2	0.0297569	0.163356	1.16338	1.16338	0.0128097	1.36954	1.36954	0.139058	1.17581	1.17581	0.0231567	0.758686	-1.31807	0.196149	1.14916	1.14916
cg26897283	TPPP3;TPPP3	0.0278952	0.00742623	2.02061	2.02061	0.0879893	0.681074	-1.46827	0.79154	0.947397	-1.05552	0.0276647	1.70076	1.70076	0.0925919	1.45871	1.45871
cg07355841	TPPP3;TPPP3;TPPP3;TPPP3	0.0101463	0.00115042	0.442745	-2.25864	0.314408	1.19413	1.19413	0.522621	1.11683	1.11683	0.604951	0.914853	-1.09307	0.972759	1.00584	1.00584
cg10524070	TPR;C1orf27;C1orf27;C1orf27;C1orf27;C1orf27;MIR548F1;C1orf27	0.030202	0.763454	0.981922	-1.01841	0.0153383	1.19707	1.19707	0.454808	1.04709	1.04709	0.350948	0.943626	-1.05974	0.0191192	1.18697	1.18697
cg19510057	TPR;C1orf27;MIR548F1;C1orf27;C1orf27	0.014302	0.0660844	1.26461	1.26461	0.0569823	1.27796	1.27796	0.0788781	0.800758	-1.24882	0.100929	0.815	-1.22699	0.09202	1.23516	1.23516
cg03992926	TPR;C1orf27;MIR548F1;C1orf27;C1orf27	0.0307124	0.00220689	0.5749	-1.73943	0.699397	1.05134	1.05134	0.866218	1.02199	1.02199	0.69987	1.05125	1.05125	0.492267	1.09416	1.09416
ch.1.3642016F	TPR;MIR548F1	0.0224761	0.374115	0.908585	-1.10061	0.144041	0.847959	-1.1793	0.0130239	0.72344	-1.38228	0.00619998	0.687278	-1.45502	0.0160468	1.363	1.363
cg00686823	TPRA1	0.00523908	0.142809	0.776789	-1.28735	0.0339388	0.6723	-1.48743	0.700641	0.939929	-1.06391	0.00143279	0.477418	-2.0946	0.00822048	0.581478	-1.71976
cg26057969	TPRA1;TPRA1	0.000583559	0.000114835	0.307666	-3.25027	0.00554374	1.88687	1.88687	0.0106713	0.571664	-1.74928	0.339428	0.842369	-1.18713	0.000115817	0.308109	-3.24561
cg09846625	TPRA1;TPRA1	0.00164369	0.428508	0.820311	-1.21905	0.598946	1.13888	1.13888	0.792498	0.937436	-1.06674	0.292918	1.30653	1.30653	1.90E-05	0.118814	-8.4165
cg09015146	TPRA1;TPRA1	0.0171476	0.0140329	0.384022	-2.60402	0.177392	0.636123	-1.57202	0.0344013	0.45904	-2.17846	0.297193	0.711027	-1.40642	0.0833587	0.546158	-1.83097
cg21650861	TPRA1;TPRA1;TPRA1	0.0126607	0.00337343	0.488609	-2.04663	0.0311872	1.57491	1.57491	0.862086	1.03173	1.03173	0.0129262	0.57449	-1.74068	0.524437	0.890594	-1.12285
cg06621620	TPRA1;TPRA1;TPRA1;TPRA1	0.0221483	0.0109911	0.33505	-2.98463	0.412968	1.33223	1.33223	0.00336814	0.254912	-3.92292	0.812691	1.08475	1.08475	0.886603	1.05012	1.05012
cg22875391	TPRG1	0.00584217	0.612994	0.921045	-1.08572	0.00180985	0.489051	-2.04478	0.000636666	0.429181	-2.33002	0.672059	0.933644	-1.07107	0.72593	0.94483	-1.05839
cg14768087	TPRG1	0.0114634	0.0159886	0.205311	-4.87065	0.0808429	0.353742	-2.82692	0.0379061	0.274697	-3.64037	0.0673219	0.332703	-3.00569	0.0036275	0.120884	-8.27242
cg19682367	TPRG1	0.0227535	0.0259766	0.277619	-3.60206	0.0878128	0.401077	-2.49329	0.0561758	0.350393	-2.85394	0.343268	0.622866	-1.60548	0.0032287	0.142514	-7.01685
cg13346655	TPRG1	0.0323462	0.00408834	0.530608	-1.88463	0.974309	1.00531	1.00531	0.297524	1.19438	1.19438	0.378584	1.16019	1.16019	0.386264	0.864085	-1.15729
cg10074513	TPRG1L	0.00032323	0.00381224	0.331991	-3.01213	0.0149717	2.29836	2.29836	0.0127041	2.37048	2.37048	0.576384	0.858871	-1.16432	0.241942	1.39366	1.39366
cg04100463	TPRG1L	0.00168953	0.00409048	0.595448	-1.67941	0.441669	1.11135	1.11135	0.0591838	1.33199	1.33199	0.365394	0.882367	-1.13332	0.0429395	0.730895	-1.36819
cg07453618	TPRG1L	0.0025102	0.000269026	0.150477	-6.64553	0.166255	0.626407	-1.59641	0.100814	1.76737	1.76737	0.494339	0.802591	-1.24596	?	?	?
cg18590565	TPRG1L	0.0329433	0.0166863	0.141615	-7.06139	0.00267994	0.0622804	-16.0564	0.0749595	0.265402	-3.76787	0.474578	0.614833	-1.62646	0.0230426	0.162336	-6.16006
cg10995755	TPRKB	5.97E-06	2.00E-05	0.245294	-4.07674	0.781569	0.955766	-1.04628	0.0773852	0.726473	-1.37651	0.111819	1.32558	1.32558	8.31E-07	0.117393	-8.51838
cg09896765	TPRKB	0.0222082	0.0355847	0.507982	-1.96857	0.349471	0.765939	-1.30559	0.294547	0.740087	-1.35119	0.0904793	0.596641	-1.67605	0.000452877	0.216464	-4.61971
cg14539605	TPRKB;TPRKB	0.0109765	0.490547	1.18055	1.18055	0.310729	0.779901	-1.28221	0.024769	0.530752	-1.88412	0.126711	1.47924	1.47924	0.00303202	0.381806	-2.61913
cg14756307	TPRX1	9.13E-06	0.00212996	0.644364	-1.55192	0.552149	0.940594	-1.06316	1.44E-05	0.39898	-2.50639	0.00483022	1.46321	1.46321	6.00E-07	0.247086	-4.04717
cg21491365	TPRX1	7.71E-05	0.209085	0.919526	-1.08752	0.48782	1.04568	1.04568	0.00163712	0.751412	-1.33083	0.0217903	0.83991	-1.1906	0.51389	0.95892	-1.04284
cg21050013	TPRX1	0.0014777	0.594008	1.11596	1.11596	0.00644821	2.05938	2.05938	0.950613	0.987448	-1.01271	0.0167727	0.551426	-1.81348	0.0143325	0.54025	-1.85099
cg02912345	TPRX1	0.00322734	0.0273196	0.801342	-1.24791	0.0662282	0.839673	-1.19094	0.361226	0.923485	-1.08286	0.00351444	0.714825	-1.39894	0.286801	1.09835	1.09835
cg15198344	TPRX1	0.0492716	0.134682	0.527403	-1.89609	0.922012	1.03961	1.03961	0.189623	0.57628	-1.73527	0.116647	0.508509	-1.96653	0.0108243	0.280932	-3.55958
cg11383798	TPRXL	6.16E-05	0.000494681	0.444241	-2.25103	0.000233295	0.403248	-2.47987	0.000183824	0.390437	-2.56124	0.182474	0.810172	-1.23431	0.370763	1.14653	1.14653
cg19228966	TPRXL	0.000276072	0.368258	0.8723	-1.14639	0.0135451	0.636531	-1.57101	0.00165045	0.513816	-1.94622	7.10E-06	0.23052	-4.33802	0.891138	0.979959	-1.02045
cg23013114	TPRXL	0.000589967	0.295176	0.814291	-1.22806	0.750675	0.941459	-1.06218	0.000776644	0.381987	-2.61789	0.146121	0.744348	-1.34346	2.54E-05	0.205756	-4.86013
cg26147279	TPRXL	0.00679526	0.000541756	0.222677	-4.4908	0.0575687	0.548934	-1.82171	0.0158062	0.437888	-2.28369	0.147769	1.54299	1.54299	0.0983501	0.602719	-1.65915
cg09623510	TPRXL	0.012295	0.00139987	0.277793	-3.5998	0.558737	0.849034	-1.17781	0.0359285	0.508939	-1.96487	0.00644982	0.375158	-2.66554	0.157608	0.658219	-1.51925
cg05873268	TPSAB1	0.00522274	0.00171254	0.374512	-2.67014	0.153777	0.71533	-1.39796	0.00696239	0.46492	-2.15091	0.0463096	0.606063	-1.64999	0.00550206	0.449046	-2.22694
cg04661002	TPSAB1	0.00850782	0.0171212	0.269146	-3.71545	0.259015	0.587494	-1.70214	0.02024	0.282352	-3.54168	0.938006	1.03576	1.03576	0.00852854	0.219572	-4.55432
cg08321330	TPSB2	0.000178627	0.000104008	0.332486	-3.00765	0.015735	0.621939	-1.60787	0.00295971	0.519641	-1.92441	0.0168366	0.626258	-1.59679	8.92E-05	0.324462	-3.08202
cg01375871	TPSD1	3.22E-06	1.89E-05	0.288626	-3.46469	0.0794182	1.32058	1.32058	3.75E-05	0.322676	-3.09908	2.53E-05	0.302975	-3.3006	0.027593	0.689321	-1.4507
cg02144332	TPSD1	0.000496519	0.461711	0.822652	-1.21558	0.327692	1.30114	1.30114	0.000185825	0.193136	-5.1777	0.683469	0.898698	-1.11272	0.0294489	0.512666	-1.95059
cg05848579	TPSD1	0.000686706	0.00429021	0.128677	-7.77138	0.110685	0.39336	-2.5422	0.00071814	0.06306	-15.8579	0.937506	1.04299	1.04299	0.00445833	0.13052	-7.66164
cg08470892	TPSD1	0.00318053	0.723981	1.05264	1.05264	0.801434	1.03713	1.03713	0.0595337	0.735152	-1.36026	0.03254	1.43619	1.43619	0.00105644	0.496215	-2.01525
cg09804964	TPSD1	0.00321351	0.043826	0.226515	-4.41471	0.170116	0.392017	-2.55091	0.0285198	0.190827	-5.24036	0.0779935	0.28503	-3.50841	0.0212118	0.169401	-5.90314

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04048802	0.00879098	1.45516	1.45516	0.0395499	0.76518	-1.30688	0.533915	1.07339	1.07339	0.000484097	1.8499	1.8499	8.20731	1.64289	0.177932	1
cg13969788	0.0864936	1.71914	1.71914	0.00227133	3.39281	3.39281	0.109599	1.64727	1.64727	8.24E-05	0.131393	-7.61077	11.9392	15.4812	1.15259	1
cg26607748	0.0020666	1.98196	1.98196	0.010969	1.6542	1.6542	0.0291253	1.49997	1.49997	0.275075	1.19609	1.19609	5.01117	1.97337	0.350039	1
cg12494355	0.351853	1.28416	1.28416	0.223841	0.716347	-1.39597	0.918878	0.973757	-1.02695	0.0249259	0.498247	-2.00704	3.73082	4.02649	0.959333	1
cg03830929	1.39E-05	0.0635206	-15.7429	1.62E-06	0.0255693	-39.1094	0.000253995	0.160149	-6.2442	0.000118017	0.129018	-7.75084	40.091	58.6224	1.29976	1
cg14835484	0.0110044	0.439578	-2.27491	6.48E-07	0.0301227	-33.1976	0.777877	1.07559	1.07559	0.000126037	0.179015	-5.58612	36.6232	38.512	0.934732	1
cg00950004	0.00177897	0.1996	-5.01002	0.000770443	0.158106	-6.32487	0.00197096	0.205139	-4.87474	0.0788198	0.49312	-2.0279	10.9119	22.6763	1.84721	1
cg27313201	0.0039101	0.139729	-7.15673	0.0029648	0.126622	-7.89753	0.00187911	0.107134	-9.3341	0.0565366	0.334917	-2.98581	8.05713	32.7641	3.61464	1
cg24490338	0.0628488	0.205207	-4.87313	0.00299883	0.0459621	-21.7571	0.290793	0.436249	-2.29227	0.0334141	0.152465	-6.5589	5.1672	46.8588	8.06091	1
cg12205230	0.0542232	0.231297	-4.32345	0.00613319	0.0910351	-10.9848	0.0152871	0.135915	-7.35756	0.0582905	0.238368	-4.1952	4.38869	31.2143	6.32219	1
cg11718162	0.204064	0.455574	-2.19503	0.0530895	0.275505	-3.62969	0.505199	1.48674	1.48674	0.382911	0.59165	-1.69019	3.89561	21.2269	4.84348	1
cg19757176	0.255701	0.543735	-1.83913	0.0142098	0.211553	-4.72695	0.615868	1.29662	1.29662	0.330605	0.597199	-1.67448	3.46248	14.46	3.71216	1
cg16289421	0.186563	0.596232	-1.6772	0.00281991	0.218843	-4.56949	0.911404	0.959726	-1.04196	0.024883	0.373053	-2.68058	5.41711	11.7025	1.92026	1
cg10890570	0.0107739	0.454401	-2.2007	0.196032	1.40023	1.40023	0.461228	1.20285	1.20285	0.996271	1.00115	1.00115	4.02716	3.86657	0.853444	1
cg00155429	?	?	?	?	?	?	0.713049	1.16369	1.16369	?	?	?	12.3046	13.3117	1.35232	1
cg25107608	0.514843	0.835859	-1.19637	?	?	?	0.0962439	0.600094	-1.66641	?	?	?	6.61084	4.04184	0.733675	1
cg26149167	9.38E-05	2.67556	2.67556	7.40E-05	0.361356	-2.76736	0.00227522	1.82798	1.82798	0.703546	1.05552	1.05552	15.6559	4.95216	0.281167	1
cg16232979	0.00123492	2.41247	2.41247	0.155908	1.32717	1.32717	0.0812482	1.43386	1.43386	0.0611165	1.48211	1.48211	9.94672	5.47632	0.489391	1
cg22809780	0.245971	0.633605	-1.57827	0.300412	0.667936	-1.49715	0.655085	0.844429	-1.18423	0.0499623	0.431391	-2.31808	6.85775	15.3617	1.99115	1
cg11905624	0.0765141	1.56549	1.56549	0.00353008	0.406683	-2.45892	0.51393	1.1625	1.1625	0.04106	0.584942	-1.70957	6.32292	5.18169	0.728452	1
cg19955309	0.0587675	0.57492	-1.73937	0.0721821	0.59432	-1.6826	0.319665	1.30559	1.30559	0.0596651	0.576326	-1.73513	4.06583	4.32951	0.946534	1
cg07465480	0.747765	1.05706	1.05706	0.0181043	0.610374	-1.63834	0.120218	0.748339	-1.33629	0.0705881	0.706429	-1.41557	3.44096	1.61207	0.416439	1
cg14935163	0.382747	1.08041	1.08041	0.00034792	1.64375	1.64375	1.85E-06	0.358985	-2.78563	0.00429366	1.39093	1.39093	33.3248	3.93991	0.105091	1
cg15301057	0.39345	0.877061	-1.14017	0.0543451	1.38768	1.38768	1.28E-05	0.252478	-3.96074	1.93E-05	0.272112	-3.67496	26.6519	9.50538	0.317021	1
cg23136645	0.00059889	0.544204	-1.83755	0.0234697	1.36474	1.36474	0.134431	0.83074	-1.20375	0.00661297	0.666933	-1.4994	17.0605	3.56676	0.185836	1
cg26140366	0.0226023	1.73495	1.73495	0.095707	1.44673	1.44673	1.12E-05	0.152034	-6.57749	0.421494	0.847288	-1.18024	14.016	9.04049	0.573343	1
cg02963613	0.914973	1.01715	1.01715	0.0224419	1.54576	1.54576	0.000199453	0.369813	-2.70407	0.614133	0.922227	-1.08433	13.5169	5.42944	0.357048	1
cg10370591	0.856212	1.03474	1.03474	0.0141545	1.76819	1.76819	2.06E-05	0.198074	-5.04862	0.575631	1.11235	1.11235	13.1639	7.38982	0.498995	1
cg00040862	0.0475795	0.729237	-1.3713	0.0219867	0.68189	-1.46651	5.52E-05	0.351434	-2.84548	0.133601	0.79814	-1.25291	11.5301	3.54616	0.273385	1
cg10672136	0.00231532	0.537465	-1.86059	0.635363	1.07218	1.07218	0.734109	1.051	1.051	0.0242079	0.675677	-1.48	9.15155	3.08524	0.299669	1
cg26277787	0.15898	0.558424	-1.79075	0.00387018	0.221804	-4.50848	0.227635	0.612529	-1.63258	0.00311501	0.209114	-4.78209	8.6342	20.4832	2.10875	1
cg12680131	0.956805	1.01061	1.01061	0.011229	1.85694	1.85694	0.0233122	0.589695	-1.69579	0.116918	0.717589	-1.39355	8.55343	5.14236	0.534404	1
cg21856680	0.984386	1.00556	1.00556	0.277213	1.37757	1.37757	0.000299436	0.188732	-5.29851	0.0379334	0.505526	-1.97814	8.1752	10.4026	1.13108	1
cg23239637	0.333217	0.865144	-1.15588	0.0500332	1.38308	1.38308	0.00180058	0.525018	-1.9047	0.689861	0.943449	-1.05994	7.84042	2.61538	0.296512	1
cg18019372	0.309243	1.18533	1.18533	0.474752	1.12462	1.12462	0.000247428	0.376161	-2.65844	0.0400041	0.681473	-1.46741	7.59506	3.14011	0.367503	1
cg16407924	0.0115461	0.203773	-4.90742	0.00424041	0.145479	-6.87385	0.00168358	0.104246	-9.59269	0.513373	0.716187	-1.39628	7.55666	30.3545	3.57059	1
cg19905414	0.252218	0.632752	-1.5804	0.0246284	0.359122	-2.78457	0.050579	0.426336	-2.34557	0.0513286	0.427829	-2.33738	7.25165	16.8171	2.06139	1
cg06500727	0.527566	0.842102	-1.1875	0.0143098	2.25007	2.25007	0.000321024	0.209477	-4.7738	0.0518786	0.552137	-1.81115	7.21729	8.2404	1.0149	1
cg25250661	0.19754	1.36599	1.36599	0.983592	1.00472	1.00472	0.105792	1.4986	1.4986	0.715492	0.9196	-1.08743	6.95031	5.77099	0.738063	1
cg01681351	0.0856415	0.720337	-1.38824	0.572159	1.10358	1.10358	0.00383337	0.510171	-1.96013	0.103413	0.735251	-1.36008	6.82646	3.22334	0.419718	1
cg10531568	0.608676	1.08352	1.08352	0.000217681	2.60643	2.60643	0.0281098	0.66839	-1.49613	0.715033	0.944629	-1.05862	6.66091	2.54584	0.339738	1
cg13661012	0.00969969	0.200747	-4.98139	0.413399	0.663423	-1.50733	0.0121071	0.215461	-4.64122	0.409916	0.661299	-1.51218	6.34722	24.2081	3.39019	1
cg14601038	0.123033	0.456747	-2.1894	0.00291373	6.81148	6.81148	0.00815951	4.89392	4.89392	0.241362	1.7775	1.7775	5.94554	20.7141	3.09686	1
cg25013910	0.341503	1.38814	1.38814	0.0939425	0.539962	-1.85198	0.000171529	0.118058	-8.4704	0.172073	0.614845	-1.62643	5.76242	10.2182	1.57623	1
cg04658693	0.889562	1.02288	1.02288	0.0284504	1.52361	1.52361	0.417138	0.873691	-1.14457	0.770852	0.953556	-1.04871	5.75647	2.41744	0.373291	1
cg05678658	0.72587	0.936402	-1.06792	0.900521	1.02362	1.02362	0.000239216	0.321343	-3.11194	0.821378	1.04312	1.04312	5.75365	3.17516	0.490534	1
cg07713008	0.802841	1.02949	1.02949	0.00175197	0.595613	-1.67894	0.178672	0.847047	-1.18057	0.249671	0.869554	-1.15001	5.63686	1.20505	0.190027	1
cg02924495	0.0349432	1.55914	1.55914	0.802676	1.04629	1.04629	0.866977	0.97016	-1.03076	0.9706	1.00668	1.00668	5.48831	2.83857	0.459736	1
cg09757588	0.0659886	0.671876	-1.48837	0.031804	1.62444	1.62444	0.00220218	0.437135	-2.28762	0.228441	0.783711	-1.27598	5.47711	3.22458	0.523323	1
cg24215279	0.656791	0.841832	-1.18789	0.340784	1.45928	1.45928	0.033392	0.384011	-2.60409	0.314124	0.669797	-1.49299	5.31082	12.4669	2.08663	1
cg26541429	0.060074	1.43998	1.43998	0.346345	1.18142	1.18142	0.143837	0.763401	-1.30993	0.707332	0.937219	-1.06699	5.17708	2.4232	0.416057	1
cg01112527	0.0807183	0.803208	-1.24501	0.00480047	1.52718	1.52718	0.117013	0.824769	-1.21246	0.027446	0.744446	-1.34328	5.08204	1.0303	0.180208	1
cg24216893	0.033915	0.128244	-7.79764	0.00323582	0.03575	-27.972	0.00624229	0.0520168	-19.2245	0.0266078	0.1131	-8.84171	5.07264	55.2643	9.68408	1
cg11275685	0.0784831	1.64954	1.64954	0.356241	1.27506	1.27506	0.0522499	0.568159	-1.76007	0.387804	0.797184	-1.25442	4.74269	4.92567	0.923183	1
cg03795587	0.28185	0.692194	-1.44468	0.00745453	0.321927	-3.1063	0.0828122	0.531602	-1.88111	0.00927344	0.337558	-2.96246	4.69975	8.05402	1.5233	1
cg06972972	0.70402	1.13034	1.13034	0.232133	1.4952	1.4952	0.513229	0.808279	-1.2372	0.872016	0.949563	-1.05312	4.69287	7.65871	1.45066	1
cg26605809	0.0349138	0.306173	-3.26612	0.00600108	0.177474	-5.63463	0.00997165	0.208719	-4.79112	0.106035	0.427428	-2.33958	4.38164	16.0878	3.26369	1
cg14011419	0.72564	0.929956	-1.07532	0.484042	1.15787	1.15787	0.000764215	0.349645	-2.86004	0.257421	0.783804	-1.27583	4.11574	2.76904	0.598038	1
cg16016036	0.730721	1.05032	1.05032	0.00171394	1.88917	1.88917	0.398114	0.884307	-1.13083	0.792174	1.03824	1.03824	4.05822	1.29808	0.284323	1
cg14691886	0.680165	1.08707	1.08707	0.0262774	1.70031	1.70031	0.0643019	0.657934	-1.51991	0.0273468	0.591095	-1.69178	4.05202	2.60296	0.571011	1
cg17299636	0.238681	0.565886	-1.76714	0.126225	0.466131	-2.14532	0.00901136	0.216124	-4.62697	0.0747092	0.400143	-2.49911	4.0497	13.6525	2.99665	1
cg00626390	0.163443	1.40366	1.40366	0.605026	0.887857	-1.12631	0.00912845	0.46999	-2.1277	0.870209	0.963406	-1.03798	3.77812	3.11005	0.73171	1
cg01312658	0.0100974	0.331446	-3.01708	0.00519202	0.285065	-3.50797	0.815189	0.923431	-1.08292	0.953514	0.980362	-1.02003	3.61854	6.63347	1.6295	1
cg19407717	0.748374	0.868673	-1.15118	0.11463	0.472093	-2.11823	0.0741709	0.418785	-2.38786	0.0598767	0.39506	-2.53126	3.56424	10.8017	2.69384	1
cg07083862	0.260403	1.59486	1.59486	0.101881	2.03809	2.03809	0.000282607	0.094476	-10.5847	0.96427	1.01797	1.01797	5.52249	13.8298	2.22602	1
cg00267296	0.443329	0.936854	-1.0674	1.33E-08	0.154893	-6.45608	0.0166469	0.783483	-1.27635	0.0224019	0.795867	-1.25649	60.3897	6.66159	0.0980533	1
cg23556886	0.193153	0.622879	-1.60545	0.00442513	0.270969	-3.69046	0.880057	1.05328	1.05328	0.0194801	0.378779	-2.64006	7.91188	14.8082	1.66368	1
cg25546539	0.48295	0.690209	-1.44884	0.00137419	0.089478	-11.1759	0.00537563	0.148689	-6.72546	0.0894007	0.37762	-2.64816	5.47181	23.4319	3.80648	1
cg13237843	0.658793	1.06332	1.06332	0.478221	0.905185	-1.10475	0.110821	1.27129	1.27129	0.0925082	1.29149	1.29149	5.21223	1.57578	0.268732	1
cg13275814	0.983847	1.00249	1.00249	0.562962	1.07444	1.07444	0.658993	1.05603	1.05603	0.0144791	1.44754	1.44754	4.26119	1.0171	0.212169	1
cg19502932	0.31268	1.1308	1.1308	0.00123691	0.57361	-1.74334	0.85882	0.979261	-1.02118	0.300828	1.1345	1.1345	3.42535	0.751586	0.195039	1
cg25810455	0.239435	1.2344	1.2344	0.563743	0.905047	-1.10491	0.00596702	0.54092	-1.8487	0.0162596	0.605103	-1.65261	9.36946	4.33623	0.411382	1
cg02197918	?	?	?	0.0212927	3.12095	3.12095	0.0129001	3.75777	3.75777	0.858216	0.942721	-1.06076	27.7704	36.9535	0.665339	1
cg26782876	0.193875	1.91132	1.91132	0.411135	1.48596	1.48596	0.0174459	0.255693	-3.91095	0.186191	1.9357	1.9357	6.97041	24.5169	3.12647	1
cg05202389	0.136655	0.681184	-1.46803	0.1795	0.710794	-1.40688	0.636714	1.12065	1.12065	0.00170086	0.341933	-2.92455	5.58351	5.06967	0.807087	1
cg05938018	0.293625	0.895235	-1.11703	0.219208	0.876986	-1.14027	0.723423	1.03676	1.03676	0.127298	1.18237	1.18237	3.58526	0.58602	0.145291	1
cg05692319	0.0215825	0.613507	-1.62997	0.0217509	1.62856	1.62856	0.0503369	1.48439	1.48439	0.0335978	0.644363	-1.55192	4.56152	2.2649	0.441353	1
cg26564606	0.212924	0.815003	-1.22699	0.714003	1.05908	1.05908	0.985131	1.00291	1.00291	0.103906	0.757833	-1.31955	12.063	4.64616	0.342362	1
cg09884756	0.18047	1.46787	1.46787	7.75E-05	0.144989	-6.89708	0.00513142	2.71208	2.71208	0.0363119	1.92866	1.92866	9.87153	11.3871	1.02536	1
cg10549338	0.392262	0.812281	-1.2311	0.0610658	1.64991	1.64991	0.695038	1.09797	1.09797	0.240632	0.747208	-1.33832	8.26486	7.36554	0.792166	1
cg22084487	0.329113	0.77742	-1.28631	0.0106811	2.2305	2.2305	0.900211	0.969127	-1.03186	0.792743	0.936294	-1.06804	7.81676	7.73601	0.879707	1
cg22936884	0.0174849	1.43413	1.43413	0.00416329	1.61402	1.61402	0.132867	0.81699	-1.22401	0.585271	0.933616	-1.0711	7.74687	1.90646	0.218751	1
cg18765565	0.72752	1.23182	1.23182	0.184893	2.312	2.312	0.00023499	37.881	37.881	0.306029	1.88076	1.88076	7.62717	42.914	5.0013	1
cg10177080	0.678104	0.897219	-1.11456	0.00127791	0.295069	-3.38904	0.200122	1.42146	1.42146	0.293991	1.32689	1.32689	6.97383	7.45762	0.950553	1
cg24082121	0.318624	0.50501	-1.98016	0.000343839	0.0219436	-45.5714	0.00748437	0.102074	-9.79682	0.263038	0.461438	-2.16714	5.84612	40.676	6.18468	1
cg02028023	0.0329162	1.5345	1.5345	0.0326492	1.53584	1.53584	0.258965	1.22401	1.22401	0.261196	0.817823	-1.22276	5.57418	2.60054	0.414696	1
cg05631486	0.136638	0.750517	-1.33241	0.0270614	1.59747	1.59747	0.0331045	0.640251	-1.56189	0.429999	0.865733	-1.15509	5.5412	2.81116	0.450951	1
cg12643732	0.728625	1.07878	1.07878	0.258566	0.773647	-1.29258	0.915159	0.977067	-1.02347	0.129605	1.42832	1.42832	4.53051	3.401	0.667278	1
cg05945584	0.11307	4.16844	4.16844	0.208543	0.333727	-2.99646	0.117876	4.07807	4.07807	0.245693	2.73202	2.73202	4.14223	44.9515	9.64622	1
cg16455401	0.0325601	2.42831	2.42831	0.389269	0.731328	-1.36738	0.173752	1.67068	1.67068	0.00826226	3.31279	3.31279	3.73328	7.43623	1.77055	1
cg04476341	0.0791625	1.76855	1.76855	0.172991	1.52835	1.52835	0.00191897	3.61463	3.61463	0.278909	1.39003	1.39003	3.64372	4.93824	1.20469	1
cg14401454	0.40902	0.917692	-1.08969	0.0113448	1.38052	1.38052	0.496049	1.07284	1.07284	0.553076	1.06294	1.06294	4.09865	0.671656	0.145664	1
cg26897283	0.205624	0.761566	-1.31308	0.22633	0.77171	-1.29582	0.123159	0.711281	-1.40591	0.637435	1.10168	1.10168	4.19332	2.76357	0.585814	1
cg07355841	0.174851	0.781852	-1.27901	0.00233089	0.484369	-2.06454	0.491004	0.887545	-1.1267	0.100621	1.35893	1.35893	5.88322	2.70979	0.409419	1
cg10524070	0.0191933	1.1868	1.1868	0.911505	1.00674	1.00674	0.0458429	0.870794	-1.14838	0.149459	1.09792	1.09792	4.0771	0.235899	0.0514306	1
cg19510057	0.206683	0.859288	-1.16375	0.571933	0.937033	-1.0672	0.181752	0.850944	-1.17517	0.00272819	1.60183	1.60183	5.2628	1.08075	0.182539	1
cg03992926	0.714626	0.953724	-1.04852	0.00622806	0.631241	-1.58418	0.867952	1.0217	1.0217	0.472533	1.09886	1.09886	4.05287	1.06851	0.23435	1
ch.1.3642016F	0.291049	1.12202	1.12202	0.292571	0.891597	-1.12158	0.546794	0.937933	-1.06617	0.444508	0.921357	-1.08536	4.52057	0.790548	0.155447	1
cg00686823	0.243453	0.822239	-1.21619	0.352681	1.16576	1.16576	0.0819911	1.36213	1.36213	0.00160563	0.484011	-2.06607	7.23455	2.94674	0.362058	1
cg26057969	0.411621	0.863934	-1.1575	0.054698	0.684087	-1.4618	0.342919	0.843474	-1.18557	0.959355	0.991161	-1.00892	13.6895	6.58056	0.42729	1
cg09846625	0.34499	0.787927	-1.26915	0.169854	1.43088	1.43088	0.907463	0.971907	-1.0289	0.873783	1.03973	1.03973	10.2067	9.70709	0.845379	1
cg09015146	0.00101777	0.214907	-4.65318	0.153061	1.62067	1.62067	0.725848	0.894856	-1.1175	0.763734	0.909258	-1.0998	4.95512	7.81457	1.40184	1
cg21650861	0.682966	1.07655	1.07655	0.0184614	0.598473	-1.67092	0.262989	1.23321	1.23321	0.0935664	0.718009	-1.39274	5.47721	2.79892	0.454233	1
cg06621620	0.146612	1.70569	1.70569	0.0323123	0.423582	-2.36082	0.584716	0.827672	-1.20821	0.0879352	0.524443	-1.90679	4.54345	8.4518	1.65352	1
cg22875391	0.353015	1.16661	1.16661	0.0612529	1.40505	1.40505	0.147911	1.28443	1.28443	0.511153	0.89811	-1.11345	6.99645	2.88119	0.366052	1
cg14768087	0.0172016	0.210507	-4.75043	0.00214296	0.0988105	-10.1204	0.0615689	0.322922	-3.09672	0.00919164	0.169426	-5.90229	5.65668	25.8143	4.05645	1
cg19682367	0.0168936	0.243371	-4.10896	0.00694544	0.18385	-5.43922	0.166721	0.489242	-2.04398	0.0353444	0.304743	-3.28145	4.50153	16.7629	3.31007	1
cg13346655	0.00830053	0.574061	-1.74197	0.248963	0.820206	-1.21921	0.196976	1.25151	1.25151	0.869094	0.973235	-1.0275	3.97852	1.7046	0.380845	1
cg10074513	1.56E-05	0.0655822	-15.248	0.409578	1.25577	1.25577	0.00908458	0.395591	-2.52786	0.180608	1.47133	1.47133	20.3295	22.8292	0.873416	1
cg04100463	0.000275103	0.448589	-2.22921	0.000613351	0.491648	-2.03398	0.327002	0.872697	-1.14587	0.554051	1.08388	1.08388	10.1259	2.90404	0.254928	1
cg07453618	0.00330517	0.281403	-3.55362	0.15863	0.620345	-1.61201	0.00313322	0.278063	-3.59631	0.0357896	0.461138	-2.16855	9.22471	13.0395	1.41354	1
cg18590565	0.129241	0.334041	-2.99364	0.0215698	0.157883	-6.3338	0.338003	0.51651	-1.93607	0.339223	0.517424	-1.93265	3.9525	28.0071	6.29861	1
cg10995755	0.0731999	0.722379	-1.38431	9.11E-07	0.120408	-8.30507	0.740049	1.05569	1.05569	0.846975	1.03195	1.03195	46.3666	19.4548	0.372966	1
cg09896765	0.876237	1.04409	1.04409	0.352464	0.767279	-1.30331	0.84001	0.945574	-1.05756	0.0868921	0.592461	-1.68788	4.53924	5.51063	1.07911	1
cg14539605	0.0307148	0.547959	-1.82496	0.00222845	0.362326	-2.75994	0.214557	0.733681	-1.36299	0.469522	0.839963	-1.19053	5.73647	5.10358	0.790821	1
cg14756307	0.0117959	0.725998	-1.37741	1.52E-05	0.401644	-2.48977	0.00259855	0.653871	-1.52935	0.0101597	0.718861	-1.39109	41.5402	6.8209	0.145955	1
cg21491365	0.501489	1.04418	1.04418	1.93E-06	2.11081	2.11081	0.0051439	1.26384	1.26384	0.924146	0.993984	-1.00605	23.7336	1.50924	0.0565253	1
cg21050013	0.000120199	0.253918	-3.93828	0.135092	1.38887	1.38887	0.216962	1.30332	1.30332	0.0973405	0.690037	-1.4492	10.5249	6.93189	0.585441	1
cg02912345	0.769028	1.02529	1.02529	0.000476605	1.59226	1.59226	0.487418	0.941918	-1.06166	0.0644582	1.19264	1.19264	8.3742	0.953993	0.101263	1
cg15198344	0.637547	1.20714	1.20714	0.00508718	0.23018	-4.34442	0.964755	0.982624	-1.01768	0.082823	0.466747	-2.14249	3.40707	8.49157	2.21541	1
cg11383798	0.00561323	0.582184	-1.71767	4.70E-05	0.319238	-3.13246	0.00569759	0.583059	-1.71509	6.46E-06	0.224134	-4.46161	25.1855	8.82976	0.311635	1
cg19228966	0.722566	1.05411	1.05411	0.072766	1.34436	1.34436	0.185212	0.812445	-1.23085	0.00173549	0.516662	-1.9355	16.8283	5.82474	0.307669	1
cg23013114	0.638296	0.914298	-1.09374	0.00595946	1.97465	1.97465	0.762669	0.9443	-1.05899	0.0462722	0.649175	-1.54042	13.6479	7.7403	0.504126	1
cg26147279	0.183752	1.4827	1.4827	0.298164	0.739933	-1.35147	0.108302	0.613064	-1.63115	0.0129164	0.422342	-2.36775	6.67657	8.24807	1.09811	1
cg09623510	0.0139649	0.431591	-2.31701	0.384865	1.27964	1.27964	0.0338465	0.503731	-1.98519	0.0647176	0.563143	-1.77575	5.52971	6.70861	1.07839	1
cg05873268	0.138318	0.704649	-1.41915	0.00104251	0.344786	-2.90035	0.0154123	0.520904	-1.91974	0.00852966	0.47886	-2.08829	7.24147	5.51968	0.677539	1
cg04661002	0.138096	0.486177	-2.05686	0.000499855	0.0854961	-11.6964	0.00972291	0.228274	-4.3807	0.131319	0.479124	-2.08714	6.22221	20.1041	2.87203	1
cg08321330	0.155127	0.783388	-1.27651	2.83E-05	0.266922	-3.74642	0.0020242	0.497293	-2.01089	0.000517315	0.419324	-2.38479	18.9422	7.7245	0.362483	1
cg01375871	0.186469	0.818715	-1.22143	1.59E-07	0.0975848	-10.2475	7.28E-05	0.356689	-2.80356	3.00E-05	0.311419	-3.21111	54.3581	17.5598	0.287147	1
cg02144332	0.610954	0.874881	-1.14301	3.97E-05	0.129145	-7.74324	0.000525554	0.244688	-4.08683	0.102066	0.627365	-1.59397	14.3182	15.3938	0.955661	1
cg05848579	0.262	0.533732	-1.8736	2.67E-05	0.0116308	-85.9783	0.00790341	0.1606	-6.22664	0.00802946	0.161506	-6.19174	13.081	59.6998	4.05675	1
cg08470892	0.00128867	0.507302	-1.97121	0.161197	0.80534	-1.24171	0.00771308	0.609429	-1.64088	0.0166886	0.655231	-1.52618	8.41072	2.78821	0.294672	1
cg09804964	0.0174939	0.156664	-6.38309	0.000144596	0.0150703	-66.3555	0.000942116	0.0423604	-23.6069	0.0406845	0.219906	-4.5474	8.38492	54.5505	5.78292	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(107T vs. N)	Ratio(105T vs. 057 vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	p-value(112T 11T vs. N)	Ratio(112T vs. N)	p-value(121T 12T vs. N)	Fold-Change(121T vs. N)	p-value(121T 21T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	p-value(353T 47T vs. N)	Ratio(353T vs. N)	p-value(537T 53T vs. N)	Fold-Change(537T vs. N)	Ratio(537T 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg27102083	TPSD1	0.00352527	0.229549	1.73766	-1.39342	0.0701675	1.70352	1.70352	0.037448	0.529729	-1.88776	0.184125	0.600222	-1.44881	0.0120842	0.43803	-2.27827	0.508854	1.19285	1.19285	0.0010514047	0.181473	-5.51046	0.0123581	0.4406805	-2.2696	0.373406	0.786279	-1.27181	8.15622	8.9446	0.374809	1
cg09639264	TPSD1	0.00445447	0.242762	0.802761	-1.2457	0.629926	0.916443	-1.09117	7.21E-05	0.272736	-3.66654	0.292947	1.21663	1.21663	0.811518	1.04387	1.04387	0.0694263	0.694185	-1.44054	0.216983	1.26296	1.26296	0.297287	0.823494	-1.21434	0.160957	0.76406	1.30883	1.30883	4.58747	0.454724	1
cg03776850	TPSD1	0.00506109	0.40309	0.843908	-1.18496	0.11968	0.715419	-1.39778	0.0899871	0.690279	-1.44869	0.228229	1.28511	1.28511	0.00613765	0.492031	-2.03239	0.532533	1.13559	1.13559	0.000891108	0.37267	-2.68334	0.00429554	0.4688377	-2.13276	0.00520795	0.4813	-2.07771	7.31143	4.5555	0.553836	1
cg10387161	TPSD1	0.00855599	0.0907408	0.562756	-1.77697	0.636535	1.11388	1.11388	0.0154139	0.509911	-1.96113	0.188041	0.729031	-1.37168	0.014122	0.891202	-1.12208	0.203446	1.13545	1.13545	0.000338852	0.2702631	-3.7001	0.0581914	0.6415681	-1.62422	0.0976986	0.994079	-1.00596	6.21112	5.049426	0.726213	1
cg02923340	TPSD1	0.0181208	0.157063	0.664688	-1.50447	0.76302	1.08504	1.08504	0.17868	0.680032	-1.47052	0.889102	0.13984	1.0384	0.0542595	0.554589	-1.80314	0.9305	0.976732	-1.02382	0.000748816	0.2514466	-3.97668	0.00766038	0.396498	-2.52208	0.199428	0.693564	-1.44183	8.45617	5.611663	1.02548	1
cg08071282	TPSD1	0.0207234	0.828941	1.10207	1.10207	0.311964	0.625111	-1.59972	0.103501	0.449422	-2.22508	0.442099	1.42198	1.42198	0.00228132	0.247187	-6.79406	0.106745	0.45338	-2.20565	0.002891107	0.158832	-6.29595	0.0844419	0.4243	-2.35682	0.506926	0.73902	-1.35314	4.64801	14.85193	2.84028	1
cg02194908	TPSD1	0.00079526	0.279141	0.731661	-1.36675	0.000286577	0.193178	-5.17658	0.0185382	0.452548	-2.20971	0.630264	1.14416	1.14416	0.0175486	0.448115	-2.23117	0.00019599	0.175718	5.69095	0.000456795	0.21593	-4.63113	0.0217009	0.465231	-2.14947	0.00118363	0.2669988	-3.74549	12.812	15.645	1.08544	1
cg13997068	TPSD1	0.0134215	0.0155845	0.279717	-3.57504	0.0125647	0.263593	-3.79372	0.0359763	0.352756	-2.83474	0.0883777	0.4455923	-2.24354	0.00863367	0.238853	-4.18667	0.127253	0.492417	-2.0308	0.00376505	0.136121	-7.34161	0.02843	0.328169	-3.03796	0.0434934	0.364277	-2.74517	5.37377	15.7042	2.59767	1
cg05026881	TPSD1	0.0146363	0.0872538	0.418616	-2.38881	0.124787	0.464588	-2.15198	0.00889819	0.215459	-4.64211	0.184977	2.52895	2.52895	0.0127109	0.23976	-4.17085	0.027998	0.302035	-3.31098	0.0128675	0.240634	-4.15569	0.0326183	0.146303	-6.83514	0.0106147	0.227193	-4.40155	5.222288	17.5946	2.99445	1
cg05986538	TPSG1	0.0339198	0.264031	0.813447	-1.22934	0.100487	0.726804	-1.37589	0.086041	0.714326	-1.39992	0.792713	1.04782	1.04782	0.00161159	0.448437	-2.22997	0.149381	0.760206	-1.31543	0.357484	0.845499	-1.18273	0.00974743	0.56005	-1.78555	0.247548	0.807019	-1.23913	3.91117	1.94828	0.442785	1
cg23755113	TPST1	0.00207219	0.452122	0.909156	-1.09987	0.0556	0.966152	-1.03506	0.0420826	0.635423	1.011787	1.011787	0.945555	0.977457	0.7958954	1.02117	0.532796	2.462449	1.2549	1.2549	0.0577153	0.8057	0.0192657	51.9057	0.0577713	1.06642	7	7	0.2655366	1.90429	42.3142	4.33523	1
cg27301230	TPST1	0.0038363	0.348627	0.871699	-1.14718	0.00825683	0.618326	-1.61727	0.40848	0.886637	-1.12786	0.207115	0.827736	-1.20812	0.689543	1.05881	1.05881	0.178107	0.815756	-1.22586	0.00248695	0.388637	-1.32331	0.0295754	0.694493	-1.4399	0.795191	2.55082	0.285139	1
cg02154159	TPST1	0.00602714	0.000104994	0.103772	-9.63648	0.607971	0.841083	-1.18894	0.316889	1.38212	1.38912	0.616025	0.846279	-1.18192	0.0463193	0.470235	-2.1266	0.782288	0.912497	1.09589	0.883831	0.952815	-1.04952	0.153305	1.657375	1.653775	0.8442707	1.06517	1.06517	6.9295	11.9923	1.53833	1
cg10763136	TPST1	0.00880873	0.516567	0.8630449	-1.15868	0.0170284	0.508474	-1.96667	0.0037386	0.402452	-2.48476	0.419156	0.74051	-1.35042	0.00298287	0.387862	-2.57824	0.025502	0.539517	-1.85351	0.683932	0.910831	-1.0979	0.3271856	1.30461	1.30461	0.00388171	0.4049072	-2.46697	6.15415	5.26756	0.760833	1
cg05233311	TPST1	0.019984	0.526085	0.849208	-1.17757	0.0956227	1.59321	1.59321	0.324371	0.771861	-1.29557	0.905362	0.970192	-1.03072	0.0923235	0.502449	-1.99025	0.083416	1.62815	1.62815	0.00513924	0.990492	-2.56087	0.0233337	0.5017798	-1.99283	0.316136	1.30173	1.30173	4.70584	4.82471	0.911342	1
cg23673993	TPST1	0.00785457	0.182684	-5.47394	0.8319322	0.899491	-1.11174	0.0214418	0.2355	1.26481	1.39654	0.119757	0.431158	-2.31934	0.0126413	0.21341	-4.68581	0.198497	0.508068	1.96687	0.01295126	0.234976	-4.65168	0.2302886	1.87244	1.87248	0.0588295	0.345214	2.89675	4.48912	17.6601	3.49987	1
cg05082963	TPST1	0.0284418	0.4097889	0.923939	-1.08232	0.308589	1.12879	1.12879	0.00170661	1.67358	1.67358	0.411957	0.908064	-1.10124	0.407793	0.907247	-1.10224	0.0381045	1.31831	1.31831	0.688891	1.04735	1.04735	0.266981	1.14219	1.14219	0.0296867	1.34029	1.34029	4.16473	0.871738	0.186057	1
cg19989981	TPST1	0.0293132	0.103604	0.644031	-1.55265	0.848646	0.953873	-1.04836	0.0413561	0.562844	-1.77669	0.609038	0.899156	-1.11253	0.0154176	0.328138	-3.04749	0.585219	0.872648	-1.14594	0.254539	0.986008	-1.01419	0.00700918	0.422396	-2.36745	4.12004	3.98652	0.860081	1
cg08699776	TPST1	0.00558364	0.2846281	-3.51227	0.166494	0.555213	-1.80314	0.00546366	0.2832138	-3.5306	0.103521	0.540841	-1.84897	0.0363923	0.213341	-4.68581	0.198497	0.454846	0.762205	-1.30004	0.1576561	0.599599	-1.68464	0.3257606	1.41943	1.41943	0.361571	1.01679	1.01679	0.06521	7.67236	1.677762	1
cg22167893	TPST1	0.0411534	0.4896619	1.21355	1.21355	0.143337	0.648117	-1.54293	0.0058199	2.70724	2.70724	2.12503	1.58076	1.58076	0.1516679	0.654699	-1.52742	0.810838	1.06836	1.06836	0.8918284	0.599198	-1.66834	0.487947	0.823398	-1.21448	0.1175573	1.59796	1.59796	3.6447	4.3897	1.07058	1
cg06243400	TPST2	0.00216261	0.800412	0.781786	-1.28001	0.5008361	1.58261	1.58261	0.0175738	0.737358	-1.35668	0.947997	0.996505	-1.00349	0.1170904	0.603317	-1.66302	0.908213	0.958832	-1.04294	2.126145	0.9460956	-1.05672	0.4164775	1.893571	1.35351	0.6005003	0.82703	1.209015	0.424242	19.8308	4.07099	1
cg03657092	TPST2	0.0167886	0.585863	1.16071	1.16071	0.267134	0.731133	-1.36774	0.14383	0.663054	-1.51091	0.267142	0.731142	-1.36773	0.14383	0.663056	-1.50821	0.022269	0.940876	-1.06284	0.409018	0.795538	-1.25581	0.826091	1.209353	1.209353	0.0029754	0.649493	-1.4399	7.95191	2.55082	0.285139	1
cg02255019	TPST2	0.0182916	0.0378484	0.31921	3.1328	0.0270454	0.142656	2.46284	0.0020634	0.406524	3.59437	0.754988	1.32543	1.32543	0.0058863	0.164305	-6.08525	0.782288	0.912497	1.09589	0.883831	0.952815	-1.04952	0.153305	1.657375	1.653775	0.8442707	1.06517	1.06517	6.9295	11.9923	1.53833	1
cg25635000	TPST2;MIR548L;TPST2	2.75E-05	1.45E-05	0.222967	-4.48498	0.145805	0.771224	-1.29664	0.00857066	0.57245	-1.74688	0.0852259	1.37238	1.37238	1.01E-06	0.183861	8.44871	0.199108	0.797949	-1.25321	0.00040187	0.393303	-2.54257	0.811836	0.961105	-1.04047	0.3736	0.859043	-1.16409	31.1503	13.6523	0.389575	1
cg25714060	TPST2;MIR548L;TPST2	0.0203496	0.0972203	0.383422	-1.13196	0.221389	0.916186	-1.09148	0.299408	0.928079	-1.07749	0.5768	0.962313	-1.03914	0.0357375	0.846691	-1.18107	0.831664	0.983875	-1.01639	0.00184159	0.1359	1.3515	0.354544	0.937196	-1.06701	0.0556416	0.862699	-1.15915	4.67692	0.343528	0.0652904	1
cg27133446	TPST2;TPST2	0.161209	0.0958824	-5.47394	0.8319322	0.899491	-1.11174	0.0214418	0.2355	1.26481	1.39654	0.119757	0.431158	-2.31934	0.0126413	0.21341	-4.68581	0.198497	0.508068	1.96687	0.01295126	0.234976	-4.65168	0.2302886	1.87244	1.87248	0.0588295	0.345214	2.89675	4.48912	17.6601	3.49987	1
cg03025148	TPST2;TPST2	0.0186313	0.3804611	0.733067	-1.36413	0.157677	0.592889	-1.68666	0.178956	1.63689	1.63689	0.698609	1.14373	1.14373	0.00515895	0.154082	-6.49007	0.54105	1.23809	1.23809	0.185626	1.62327	1.62327	0.957443	0.98375	-1.01859	0.570441	1.21887	1.21887	8.81885	9.09235	1.67718	1
cg08417195	TPST2;TPST2	0.0140737	0.0894621	1.15477	1.15477	0.339853	0.778554	1.07854	0.0183484	0.744263	1.24635	0.0250078	0.814631	1.22746	0.0004284	0.226191	4.42139	0.163625	1.12103	1.12103	0.0050099	0.593613	1.68745	0.3208699	1.225121	1.225121	0.1054964	1.1684	1.10449	0.098833	0.0185132	1
cg01840244	TPST1;LOC101909397;TPST1	0.049208	0.005404124	2.71268	2.71268	0.475966	0.820764	-1.21838	0.763583	1.08508	-1.21581	0.0025985	1.08568	1.08568	0.251325	0.653605	2.57004	0.040683	1.52563	1.52563	0.0005625	0.570041	-1.75425	0.533815	1.87355	1.87355	0.0497564	1.10739	1.10739	0.140874	4.00905	1.04543	1
cg01936999	TPST1;SNORA31	0.00404062	0.00100162	0.260207	-3.84311	0.000319289	0.200274	-4.99316	0.0375802	0.513857	-1.94607	0.608934	1.15305	1.15305	0.00404742	0.222273	-4.49897	0.00255555	0.315099	-3.1736	0.00014176	0.163388	-6.12038	0.127778	0.6348404	-1.57529	0.00162277	0.28747	-3.47862	14.3671	17.3321	1.07213	1
cg10205155	TPST2;TPST2;TPTE2	0.0209725	0.4734636	1.15425	1.15425	0.338465	0.764564	-1.0928	0.0670907	0.736378	-1.35936	0.947997	0.996505	-1.00349	0.1170904	0.603317	-1.66302	0.908213	0.958832	-1.04294	2.126145	0.9460956	-1.05672	0.4164775	1.893571	1.35351	0.6005003	0.82703	1.209015	0.424242	19.8308	4.07099	1
cg20791804	TPST2;TPTE2	0.0158215	0.00100994	0.209997	-4.76198	0.091196	0.551482	-1.8133	0.00452844	0.298186	-3.35361	0.241833	0.675769	-1.4798	0.609	0.847862	-1.17944	0.09620084	0.557454	-1.79387	0.400047	1.3173	1.3173	0.0722587	0.52637	-1.89981	0.0862214	0.545304	1.83298	0.824994	1.44074	1
cg10368944	TPST2;TPTE2	0.0478525	0.0767534	0.702404	-1.42353	0.436642	0.777492	-1.28632	0.321782	0.812332	-1.23162	0.331708	0.836207	-1.19588	0.0324074	0.464062	-2.1549	0.030167	0.444	-1.57993	0.0426193	0.1765	1.01676	0.943576	0.987782	-1.01278	0.0488141	0.666647	1.50004	0.548439	1.75553	0.453115	1
	TPTE2;TPTE2;TPTE2;TPTE2;TPTE2;TPTE2;TPTE																														
cg19550702	2	0.0180784	0.0018138	0.187087	-8.43043	0.0484238	0.166107	-6.01949	0.0387149	0.316349	-3.16155	0.0657	1.44257	1.44257	0.442152	0.680081	-1.45755	0.18779	0.515129	1.95645	0.256307	0.680947	-1.16151	0.107653	0.429955	-2.32583	0.0322472	0.209509	-3.1308	4.70746	17.5614	3.26383	1
cg25691299	TPTE;TPTE;TPTE	1.45E-05	0.0823229	0.667934	-1.49715	0.480643	1.15879	1.15879	0.00801466	0.3406	-2.88367	0.815072	0.952059	-1.05036	2.91E-07	0.204989	-2.53	0.0144	0.143847	1.38743	0.0077613	0.218758	-2.0481	0.00118919	0.708975	0.72876	0.0932465	0.843139	0.619009	1
cg09872009	TPTE;TPTE;TPTE	5.16E-05	7.51E-05	1.43386	1.43386	0.108506	1.09175	1.09175	0.825941	1.0111	1.0111	0.849861	1.00955	1.00955	9.50E-05	0.705723	-1.41699	4.61E-05	1.47084	1.47084	0.000245169	1.33503	1.33503	0.0333387	1.1328	1.1328	0.0140411	0.858948	-1.16422	26.4044	1.05128	0.0353906	1
cg13275672	TPTE;TPTE;TPTE	0.00387938	0.17253	1.4386	1.4386	0.0911453	1.36384	1.36384	0.0179208	0.800078	-1.05007	0.974356	1.18159	1.18159	0.0001	0.444145	-2.25191	0.004716	1.54268	1.54268	0.000344041	1.54486	1.54486	0.0144561	1.16216	1.16216	0.0781	1.03984	1.03984	0.0011	0.0001	0.187739	1
cg24059033	TPTE;TPTE;TPTE	0.00202581	0.0129248	1.64685	1.64685	0.00789246	2.70771	2.27071	0.173279	1.26396	1.26396	0.981367	1.00378	1.00378	0.201491	0.807331	-1.23865	0.108895	1.32666	1.32666	0.00256957	1.96569	1.96569	0.00219966	2.70588	2.70588	0.226433	1.22793	1.22793	0.60594	3.97623	0.367942	1
cg18453969	TPTE;TPTE;TPTE	0.00493469	0.0845676	0.431432	-2.31786	0.00556587	0.200946	-4.97646	0.0379309	0.346284	-2.88781	0.269064	0.602176	-1.66064	0.00024624	0.6696205	-14.3636	0.247858	0.587221	-1.70294	0.0036033	0.176123	-5.67784	0.71973	1.17207	1.17207	0.0308119	0.327082	-3.05733	7.3681	22.6588	2.73357	1
cg08147729	TPTE;TPTE;TPTE	0.0135464	0.0154542	0.2979	-3.35705	0.0175012	0.175617	-3.9084	0.0179386	0.258859	-3.86459	0.0279976	0.4999	-2.00014	0.0157375	0.227427	-4.39209	0.0203702	0.386054	-2.59007	0.0011466	0.0993492	-10.0669	0.0734752	0.3208935	-3.11612	0.0266054	0.0471511	0.2127	-4.70071	0.884429	1.86592	1
cg02570906	TPTE;TPTE;TPTE	0.0199484	0.0191979	0.35648	-2.80521	0.0945827	0.302023	-3.31101	0.0659935	0.471938	-2.11892	0.261167	1.53207	1.53207	0.0357402	0.408973	-2.44515	0.207617	0.616464	-1.62215	0.0264708	0.26013	-3.84525	0.2060754	0.7642065	0.76405	0.0026693	0.2668	-3.74863	0.26603	0.0001	0.0001	1
cg07604565	TPX2	0.00417193	0.1703097	1.40704	1.40704	0.0554248	1.47379	1.47379	0.0059676	1.96254	1.96254	0.0009096	1.35011	1.35011	0.00454133	1.49811	1.49811	0.0004633	1.70868	1.70868	0.0002502	2.05565	2.05565	0.0004663	1.47975	1.47975	0.0029567	1.55706	1.55706	0.809689	-1.12503	0.107186	0.864362	1.45082	0.606933	1
cg16338822	TPX2	0.0049235	0.00723986	0.712001	-1.40449	0.257599	1.12278	1.12278	0.0548512	1.23796	1.23796	0.0570926	0.809756	-1.23494	0.120491	0.847819	-1.1795	0.54105	1.23809	1.23809	0.185626	1.62327	1.62327	0.957443	0.98375	-1.01859	0.570441	1.21887	1.21887	8.81885	9.09235	1.67718	1
cg08413785	TPX2;TPX2	0.016235	0.179744	0.94097	-1.06257	-1.21413	0.0728	2.68824	0.0001	2.68824	2.68824	0.0001	7	7	7	0.0577436	0.298633	0.162625	1.12103	1.12103	0.0050099	0.593613	1.68745	0.3208699	1.225121	1.225121	0.1054964	1.1684	1.10449	0.098833	0.0185132	1
cg01840244	TRA2A	0.000135452	0.000728895	0.258499	-3.86849	0.000874729	0.266789	-3.74828	0.000819765	0.419471	-2.38396	0.602489	1.73909	1.73909	0.142174	0.659941	-1.51529	0.00262713	0.499457	-2.00217	7.57E-06	0.0746325	-13.399	0.790016	1.06951	1.06951	0.0002068229	0.207015	-4.83057	20.4099	22.4247	0.976635	1
cg04108240	TRA2A	0.00024416	0.00157926	0.331467	-3.01689	0.851594	1.04663	1.04663	0.00371409	0.385218	-2.59594	0.0158033	0.486941	-2.05364	2.39E-05	0.128722	-7.76869	0.000675513	0.282088	-3.54499	0.000188747	0.216003	-4.62957	0.282468	0.762003	-1.31233	0.000712485	0.285221	-3.50605	17.4015	16.3233	0.833812	1
cg09285695	TRA2A	0.760933	1.11595	1.11595	1.11595	0.0904592	1.3004	1.3004	0.0527889	0.769087	1.2663	0.0994018	0.56462	-1.77046	0.0008524	0.157202	-6.35902	0.774241	1.08053	1.08053	0.2741	0.657035	1.52199	0.6421	0.844154	-1.18442	0.0779661	0.453037	-2.20732	0.922545	1.03655	1.03655	0.947434	1.91809	1
cg00288562	TRA2A;TRA2A	0.00681967	0.153873	0.798182	-1.25285	0.937073	0.988409	-1.01173	0.234437	1.20205	1.20205	0.0809017	0.751428	1.3008	0.0002834	0.411545	-2.42987	0.054372	0.724661	1.38034	0.447208	0.891915	-1.12118	0.753786	1.04755	1.04755	0.0406521	0.41764	1.41764	0.66912	2.30274	0.306919	1
cg12825506	TRA2B	0.00234278	0.00844238	0.331719	-3.01462	0.0159127	2.63451	1.64	0.0360157	2.30824	1.30824	0.862597	0.94475	-1.05848	0.0072845	0.232125	-4.31084	0.232038	0.646516	1.54703	0.00665182	0.31492	-3.17541	0.0826455	0.505505	1.97956	0.217537	0.385503	-2.59401	0.945001	16.1596	1.51544	1
cg06509946	TRA2B	0.00554459	0.430747	0.571586	-1.74955	0.00110388	0.284526	28.3626	0.00614015	0.02118	12.0218	0.0642599	0.446359	4.24639	0.170973	0.562794	-1.77638	0.530238	0.642611	1.55615	0.0036376	0.187857	-5.3212	0.0178555	0.740759	1.40759	0.0445466	0.873088	-1.14536	7.1099	54.4709	6.81002	1
cg12016896	TRA2B	0.0177192	0.145016	1.2818	1.2818	0.0421895	1.44056	1.44056	0.0780407	1.36422	1.36422	0.0450848	0.548554	-1.82298	0.899202	0.981737	-1.01929	0.266708	1.20148	1.20148	0.375124	1.30422	1.30422	0.0450848	0.548554	-1.82298	0.899202	0.981737	-1.01929	0.266708	1.20148	1.20148	0.375124	1.30422	1
cg13263489	TRA2B;TRA2B	0.0144021	0.0130942	1.64717	1.64717	0.0078145	1.34584	1.34584	0.0038662	1.62485	1.62485	0.0399094	1.79927	1.79927	0.573498	1.15041	1.15041	0.4008072	1.22843	1.22843	0.3113577	1.29376	1.29376	0.2708305	1.32631	1.32631	0.8605688	1.04426	1.04426	0.42294	0.854279	1
cg16294310	TRABD	0.0154846	0.018047	2.13457	2.13457	0.0147683	2.20778	2.20778	0.0560445	1.77057	1.77057	0.0789954	1.67342	1.67342	0.774751	0.927057	-1.07868	0.03887	1.88005	1.88005	0.00155115	3.32444	3.32444	0.0143601	2.21827	2.21827	0.1009	1.60686	1.60686	5.12643	5.65788	0.981037	1
cg25392995	TRABD	0.0162331	0.0162331	0.156125	-6.4075	0.170512	0.773493	-1.29284	0.0634915	0.659164	-1.44266	0.474881	0.879967	-1.13641	0.018473	0.708675	-1.41108	0.0106547	0.56836	-1.75945	0.0154198	0.2004	4.9564	0.1211	0.7954	-1.25706	0.0049147	0.75456	-1.32528	0.0049147	0.153459	-6.51757	0.0049	1
cg02410878	TRABD	0.0251115	0.39891	-1.6591	1.16592	0.364728	0.649136	-1.54051	0.669707	1.07925	1.07925	0.786501	1.04944	1.04944	0.0034989	0.437138	2.2876	0.0929138	1.38901	1.38901	0.302526	1.20906	1.20906	0.0741765	0.914386	-1.09363	0.0784728	1.13678	1.13678	0.45049	2.17691	0.444785	1
cg12303610	TRABD	0.0429253	0.720781	1.07637	1.07637	0.265898	0.788411	-1.26837	0.948565	1.01132	1.01132	0.961304	0.9901	-1.01	0.0401962	0.615002	-1.62601	0.973184	1.00692	1.00692	0.00516513	0.468979	-2.13229	0.0236707	1.74006	1.74006	0.4474942	0.853202	-1.17206	3.58817	2.38976	0.592009	1
cg12115574	TRABD	0.0469877	0.0380078	1.91762	1.91762	0.0195145	2.08308	2.08308	0.152695	1.34789	1.34789	0.1044209	1.16525	1.16525	0.0001	0.0001	0.0001	0.0393004	1.38155	1.38155	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	101.584	0.0374417	39.6042	3.46876	127.869	32.7671	1
cg05297854	TRAB	0.0494171	0.0333777	46.95	46.95	1.44263	11.3392	11.3392	0.200705	8.10356	8.10356	0.114316	14.2834	14.2834	0.0658026	24.4338	24.4338	0.0456445	34.7373	34.7373	0.0108582	141.427	141.427	0.0129125	116.89	116.89	0.0374326	42.0391	42.0391	0.340326	129.185	33.7416	1
cg01629940	TRAB	0.0001181	0.0002204	0.28372	-3.52572	0.0728391	0.6242	1.60205	0.0015455	0.6242	1.60205	0.0015455	0.6242	1.60205	0.0015455	0.6242	1.60205	0.0003454	0.272114	3.67511	0.0004143	0.49483	2.02123	0.0004143	0.49483	2.02123	0.0004143	0.49483	2.02123	0.0004143	0.49483	2.02123	0.0004143	0.49483	2.02123	1
cg01604539	TRADD	0.000443626	0.0506736	1.40665	1.40665	0.00832907	0.596467	-1.67654	9.99E-05	2.87928	2.87928	0.796619	0.961197	-1.04037	0.248842	0.831351	-1.20286	0.0189604	0.647036	-1.54551	0.60981	1.08206	1.08206	0.000651799	2.22753	2.22753	0.0021312	1.93737	1.93737	14.7719	5.49332	0.330556	1
cg02123259	TRADD	0.000778583	0.189235	0.82279	-1.21538	0.980777	0.00338	1.00338	0.528384	1.09372	1.09372	0.000114394	2.58431	2.58431	0.102458	0.778309	-1.28484	0.008909	3.59509	3.59509	0.00466532	0.59	-1.69491	0.0042366	1.71076	1.71076	0.00786255	1.61333	1.61333	12.6281	3.93415	0.276923	1
cg06240553	TRADD	0.0013537	0.0004	0.25405	-3.93753	0.0128145	1.34584	1.34584	0.0038662	1.62485	1.62485	0.0399094	1.79927	1.79927	0.573498	1.15041	1.15041	0.4008072	1.22843	1.22843	0.3113577	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(1047 vs. N))	p-value(1057 vs. N)	Fold-Change(1-p-value(1057 vs. N))	Ratio(1117 vs. N)	Fold-Change(1-p-value(1117 vs. N))	Ratio(1127 vs. N)	Fold-Change(1-p-value(1127 vs. N))	Ratio(1217 vs. N)	Fold-Change(1-p-value(1217 vs. N))	Ratio(1221 vs. N)	Fold-Change(1-p-value(1221 vs. N))	p-value(3477 vs. N)	Fold-Change(1-p-value(3477 vs. N))	p-value(3537 vs. N)	Fold-Change(1-p-value(3537 vs. N))	p-value(5377 vs. N)	Fold-Change(1-p-value(5377 vs. N))	p-value(5633 vs. N)	Fold-Change(1-p-value(5633 vs. N))	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11899507	TRAF1;TRAF1	0.6233543	0.456241	1.2164	0.2164	1.00621993	0.898209	-2.51125	0.00286114	0.346666	-2.88462	0.239389	0.727557	-1.37446	0.207337	1.40955	1.40955	0.830833	0.946016	-1.05706	0.237338	1.37656	1.37656	0.560509	1.1641	1.1641	0.542426	0.85284	4.17255	4.44815	4.69514	0.938246	1
cg07232103	TRAF1;TRAF1	0.0480841	0.20902	0.693031	-1.44294	0.514955	0.83291	-1.20061	0.0215284	0.465574	-2.14789	0.0166639	2.24656	2.24656	0.183893	0.676815	0.47751	0.2260298	1.42186	1.42186	0.808324	1.06961	1.06961	0.187534	1.4722	1.4722	0.149353	0.651748	-1.53434	3.43869	-4.17571	1.07941	1
cg00998813	TRAIP	0.00256628	0.248739	0.958777	-1.043	1.033753	0.939771	-1.06409	0.874002	0.994474	-1.00556	0.0173384	0.903768	-1.10648	0.000158379	0.798078	-1.25301	0.0142892	0.899881	-1.11126	0.0003763	0.81997	-1.21956	0.128124	0.944186	-1.05911	0.2010323	0.953942	-1.04828	8.9627	0.1730559	0.0171634	1
cg14054013	TRAIP	0.01007	?	?	?	0.00157379	0.345286	-2.89515	0.425324	0.883945	-1.13129	?	?	?	?	?	?	?	?	?	0.0513439	0.826045	-1.46638	0.8821359	1.02222	1.02222	0.15167	2.13725	0.134278	1
cg04884090	TRAIP	0.039593	0.0351014	0.238332	-4.19583	0.1335656	0.167889	-5.95633	0.351092	0.560403	-1.75192	0.260465	0.50376	-1.98507	0.0750665	0.314114	-3.18355	0.0415321	0.25335	-3.94711	0.0606148	0.123226	-8.15312	0.697003	0.204424	-2.86332	0.169703	0.19818	4.80429	1
cg14539125	TRAIP	0.0462436	0.993806	0.998724	-1.00128	0.4369899	0.877759	-1.13927	0.0256193	0.54652	-1.83062	0.0156147	0.917907	-1.08942	0.251925	1.21751	1.21751	0.1298516	0.764075	-1.30877	0.00686602	0.562365	-1.7782	0.244032	0.8183886	-1.22192	0.2929336	1.19651	3.48666	1.490442	0.38066	1
cg07886398	TRAK1	0.00968464	0.000603815	0.119119	-8.39495	0.7840099	0.894688	-1.11771	0.399321	0.702101	-1.4243	0.0753628	0.448497	-2.22967	0.0282581	0.350269	-2.85495	0.2065566	0.583009	-1.71524	0.00399965	0.208735	-4.79077	0.87798	1.0642	1.0642	0.0112656	0.276444	-3.61742	5.97143	15.5136	2.30931	1
cg19028706	TRAK1	0.017325	0.987998	1.00613	1.00613	0.0056422	4.37664	4.376664	0.0164225	2.29027	2.29027	0.0158289	3.32439	3.32439	0.129661	0.51408	-1.94522	0.576529	1.25771	1.25771	0.7705547	1.12621	1.12621	0.0873428	3.88872	3.88872	0.612774	0.812677	-1.2305	4.93808	12.9177	2.32527	1
cg18812386	TRAK1	0.0225409	0.631169	1.1286	1.1286	0.6128822	1.13613	1.13613	0.157404	1.45955	1.45955	0.3140194	1.30436	1.30436	0.0122665	0.767308	-1.30278	0.125179	1.51451	1.51451	0.185445	1.17787	1.17787	0.525638	0.851423	1.1745	0.0567354	0.583123	1.1749	4.5161	4.47383	0.880568	1
cg05009967	TRAK1	0.0251373	0.129875	0.524258	-1.90746	0.0170529	0.317295	-3.15164	0.261991	0.630244	-1.58669	0.343652	1.46966	1.46966	0.0129152	0.295786	-3.38083	0.163906	1.79734	1.79734	0.0361833	2.61554	2.61554	0.595582	0.809428	-1.23544	0.0734079	0.454803	-2.19875	4.34894	10.7298	2.19309	1
cg14623795	TRAK1	0.0261553	0.225251	1.19314	1.1906	0.0044492	2.07674	2.076744	0.0133932	1.93051	1.93051	0.0148725	1.880725	1.880725	0.0883335	0.550729	-1.81625	0.2647172	1.78056	1.78056	0.1113158	0.540409	1.5922	1.5922	0.191041	1.74405	1.3432	0.393149	0.829917	1.20494	4.02914	3.085513	0.653945	1
cg07365452	TRAK1	0.00776	0.10771	0.555369	-1.8006	0.0053382	0.9199	1.49	0.0728877	1.95482	1.95482	0.214621	0.924324	-1.08187	0.23587	0.659558	-1.51617	0.1934656	0.63063	-1.58572	0.294881	0.694915	-1.43903	0.30126	1.43168	1.43168	0.2437341	0.664558	-1.50476	5.66067	6.58087	1.58028	1
cg01568947	TRAK1;TRAK1	0.00294717	0.0394458	2.53456	2.53456	0.0020327	6.11335	6.11335	0.0108221	3.31818	3.31818	0.0682775	2.14896	2.14896	0.460168	1.31781	1.31781	0.263874	1.94872	1.94872	0.1543072	0.5077736	1.83763	1.83763	0.0049719	4.31055	0.19845	1.6641	1.6641	5.92064	15.1629	2.57905	1
cg08804892	TRAK1;TRAK1	0.0120509	0.0538273	2.30703	2.30703	0.00163047	5.60372	5.60372	0.00471485	4.19439	4.19439	0.0533939	2.31146	2.31146	0.2165233	1.64307	1.64307	0.5743664	1.24195	1.24195	0.02664	2.7268	2.7268	0.00364437	4.48976	4.48976	0.181179	1.71955	1.71955	5.56585	12.8529	2.05266	1
cg23715029	TRAK1;TRAK1	0.0120737	0.121663	2.04362	2.04362	0.00108532	7.80078	7.800778	0.0165176	3.5025	3.5025	0.982883	1.00918	1.00918	0.2949555	1.58828	1.58828	0.0366625	2.81269	2.81269	0.0074248	4.34337	4.34337	0.00765162	4.30732	4.30732	0.370676	1.4687	1.4687	5.56243	15.984	2.55428	1
cg27366280	TRAK1;TRAK1	0.0125983	0.0033217	3.340092	-2.8894	0.886854	0.962922	-1.03851	0.225583	0.73588	-1.35899	0.4190479	1.17766	1.17766	0.1677151	0.74753	-1.3381	0.0741034	0.58966	-1.69589	0.00118511	0.2831122	-3.53204	0.570408	1.16448	1.16448	0.1164848	0.152675	0.66597	-1.50157	5.48603	6.11945	0.9915521	1
cg27552869	TRAK1;TRAK1	0.0465877	0.298252	1.27265	1.27265	0.01874111	1.8907	1.8907	0.0253798	1.81162	1.81162	0.629895	1.11468	1.11468	0.0489729	0.604918	-1.65312	0.43447	0.836673	-1.19521	0.03181556	1.75528	1.75528	0.941803	1.01646	1.01646	0.762101	0.934362	-1.07025	3.47994	2.75578	0.703914	1
cg07965986	TRAK1;TRAK1	0.0487518	0.926506	1.02941	1.02041	0.2992388	1.3457	1.3457	0.12657	0.294194	1.2691	1.2691	0.569412	0.8816569	-1.13421	0.0165327	0.526672	-1.898972	0.00552199	0.449861	-2.22321	0.2930284	1.27174	1.27174	0.1291734	0.599418	1.12602	1.12602	0.334453	0.80487	-1.24244	1.42379	2.59912	0.675378	1
cg14417676	TRAK1;STRAD8;STRAD8	0.00589854	0.532474	1.13341	-1.13341	0.0003809028	0.326179	-3.0658	0.0112216	0.538805	-1.85596	0.4190479	1.17766	1.17766	0.1677151	0.74753	-1.3381	0.502721	0.837958	-1.19422	0.02119913	1.8564	1.8564	0.3011457	1.05118	1.05118	0.74095	0.936401	-1.06792	6.97577	4.33424	0.552292	1
cg04162118	TRAM1	0.00047495	0.0248571	0.522043	-1.91555	0.0317373	0.541826	-1.84561	0.00224543	0.353012	-2.83277	0.212097	1.37701	1.37701	0.86417	0.959181	-1.04256	0.000438552	0.258725	-3.86511	2.29E-05	0.12712	-7.86658	0.00459081	0.399164	-2.50524	0.119482	0.662839	-1.50866	14.4956	13.6015	0.8340661	1
cg15628222	TRAM1	0.00953448	0.0312467	0.500205	-1.99918	0.0003134501	4.97819	-4.17051	0.313436	1.33671	1.33671	0.0575534	0.550008	-1.81816	0.00258798	0.312783	-3.19571	0.3931318	1.27696	1.27696	0.00158513	0.2880209	-3.53321	0.0032526	0.3131434	-3.21096	0.303	1.3458	1.3458	11.9265	14.6356	1.0908	1
cg25974617	TRAM1	0.00153972	0.51104	0.826615	-1.20975	0.000145041	6.48063	6.48063	0.452992	1.24405	0.904324	0.104905	0.334493	0.540347	0.837727	-1.19371	0.028787	2.0888	2.0888	0.0021505	0.29202	-3.42442	0.2834045	0.477437	-2.09452	0.0786839	1.74294	1.74294	10.401	13.4408	1.34867	1
cg17127823	TRAM1	0.00345514	0.40004	0.810137	-1.23436	0.000160455	6.83477	6.83477	0.495373	0.844337	-1.18436	0.4857706	1.18903	1.18903	0.0233242	0.51558	-1.94056	0.549831	1.16114	1.16114	0.1114842	0.6546223	-1.5276	0.1083859	0.7203383	0.644284	-1.55211	0.0421537	1.77213	1.77213	0.2641	0.7639209	0.4840973	1
cg03345976	TRAM1L1	0.00160445	?	?	?	0.000859229	1.94223	1.94223	0.144723	0.821767	-1.21689	?	?	?	9.46E-05	0.386304	-2.58864	0.2444483	1.1641	1.1641	0.00010018	0.389582	-2.56685	0.254123	1.16018	1.16018	0.0486453	1.3298	1.3298	26.4263	4.89495	0.18523	1
cg22155281	TRAM1L1	0.00071624	0.000555183	0.433483	-2.30689	0.6301	0.92709	-1.07864	0.000991939	0.466239	-2.14482	0.495802	1.11393	1.11393	0.76105	0.339532	-2.94523	0.101579	1.32266	1.32266	0.0124489	0.615575	-1.6245	0.122338	0.770105	-1.29852	0.296683	1.18389	1.18389	12.9241	4.9822	0.342664	1
cg17358127	TRAM1L1	0.00121839	0.0020644	3.1119	3.1119	0.0001202405	0.0312	-32.0512	0.0395191	0.380057	-2.63164	0.0635824	0.349406	2.86012	0.0004631	0.197427	-5.06512	0.0741034	0.58966	-1.69589	0.00118511	0.2831122	-3.53204	0.570408	1.16448	1.16448	0.1164848	0.152675	0.66597	-1.50157	5.48603	6.11945	0.9915521	1
cg25548984	TRAM1L1	0.00924762	0.00363155	2.11367	2.11367	0.0444622	0.644987	-1.55042	0.0500231	0.654017	-1.52901	0.144015	1.34748	1.34748	0.0169003	0.574817	-1.73968	0.043447	0.836673	-1.19521	0.03181556	1.75528	1.75528	0.941803	1.01646	1.01646	0.762101	0.934362	-1.07025	3.47994	2.75578	0.703914	1
cg10904183	TRAM1L1	0.0194148	0.00553263	1.89767	-1.5827	0.1333	1.15607	-1.15607	0.0856355	0.864836	-1.15607	0.0856355	1.12244	1.12244	0.4678836	1.14029	-1.15952	0.0092199	0.449861	-2.22321	0.2930284	1.27174	1.27174	0.1291734	0.599418	1.12602	1.12602	0.334453	0.80487	-1.24244	1.42379	2.59912	0.675378	1
cg03024301	TRAM2	0.000861105	0.0149264	0.340035	-2.94087	2.54E-05	0.0493768	-20.2935	0.0050535	0.262275	-3.81279	0.531708	0.795896	-1.25645	0.0238855	0.378564	2.64156	0.0808087	0.147808	6.76618	1.86E-12	0.2044422	-4.89184	0.0129171	0.32885	-3.0409	12.2749	25.2464	1.82823	1
cg01953889	TRAM2	0.000965401	0.00200543	0.678597	-1.47363	0.418758	0.929166	-1.07623	0.0789427	1.18942	1.18942	0.92011	1.00896	1.00896	0.00760056	0.736941	-1.35696	0.099955	0.851895	-1.17385	3.69E-05	0.4937705	-2.0255	0.701292	1.03487	1.03487	0.325501	1.09513	1.09513	11.881	1.48785	0.111315	1
ch.6.1238048R	TRAM2	0.00864555	0.0018997	0.317648	-3.14798	0.0001034501	4.97819	-4.17051	0.313436	1.33671	1.33671	0.0575534	0.550008	-1.81816	0.00258798	0.312783	-3.19571	0.3131768	0.66124	-1.51211	0.0182426	0.3772258	-2.65569	0.0905104	0.4754799	-2.40938	0.219069	1.75196	1.75196	2.37047	15.9096	6.70677	2.19966	1
cg18397730	TRAM2	0.0106905	0.367802	0.722154	-1.38475	0.00113758	0.185594	-5.3881	0.0159899	0.354225	-2.82307	0.0541242	2.15793	2.15793	0.0155332	0.351927	-2.8415	0.1503	0.58125	-1.72043	0.0348873	0.420985	-2.37538	0.273001	0.6603156	-1.40397	0.107717	0.539204	-1.85459	12.7582	11.3451	1.7431	1
cg07642940	TRAM2	0.0180867	0.399054	0.25861	-3.86708	0.0004058	0.393664	-2.53956	0.0014307	0.144314	-6.92911	0.0144314	2.84024	2.84024	0.1189331	0.352642	-2.83604	0.1333247	0.750455	1.33189	0.0233566	0.3156458	3.00547	0.0654623	0.1482285	6.74811	0.0001	1.18323	1.2034	1.37715	0.847455	0.1709464	1
cg02976309	TRAM2	0.0253634	0.378312	0.625573	-1.59853	0.154883	0.453816	-2.20354	0.00241816	0.111675	-8.95458	0.690218	0.812286	-1.23109	0.00817764	0.172684	-5.79093	0.723776	0.831813	-1.20219	0.211752	0.505264	-1.97916	0.00751061	0.1670755	-5.96284	0.0854925	0.372886	-2.68178	4.3354	18.4917	3.79135	1
cg26020069	TRAM2	0.0255697	0.0193978	0.521091	-1.91905	0.0543068	0.604369	-1.65462	0.401954	1.21873	1.21873	0.816074	0.94769	-1.0552	0.119347	0.677223	-1.47662	0.0626791	0.616916	-1.62097	0.00714306	0.4448828	-2.22803	0.0063149	0.4401327	-2.27104	0.903066	1.02849	0.328412	3.64092	4.70869	0.774891	1
cg03590237	TRAM2	0.0209256	0.0515157	0.4009	-2.49477	0.0222469	-4.49502	0.0031994	0.156606	-6.40779	0.4755836	0.762212	1.31124	0.0265387	0.2840644	-3.51936	0.4294	0.2605737	0.794072	-1.25806	0.0016298	0.6144287	-1.62715	0.0683451	0.3090761	-3.23607	0.1481	0.55911	0.0398519	0.31151	2.21017	4.36381	13.77	2.97931	1
ch.6.1239582F	TRAM2	0.033944	0.0334465	0.185867	-5.38018	0.00486108	0.0794412	-12.5879	0.004307	0.0754166	-13.2597	0.0814531	0.270427	-3.69786	0.222871	0.420065	-2.38058	0.3419338	0.515264	-1.94075	0.148115	0.349738	-2.85929	0.0447509	0.210109	-4.75944	0.148465	0.3501	-2.85633	3.91016	28.3969	6.45541	1
cg07216600	TRAM2	0.0464544	0.0605514	0.4	-2.5	0.0181022	0.75705	-1.32012	0.411384	0.888833	-1.11258	0.176068	1.2006	1.2006	0.2401756	1.04524	1.04524	0.0085834	1.53115	1.53115	0.0001981	0.2614137	-3.82483	0.200951	1.18729	1.18729	0.083017	1.00303	1.00303	5.51199	0.884665	0.2274043	1
cg15807046	TRAM2	0.0479422	0.0771038	0.346213	-2.8884	0.00168418	0.0886888	-11.2754	0.0942559	0.370557	-2.69864	0.42451	0.643947	-1.55292	0.0540907	0.307343	3.2537	0.104093	0.383294	2.60896	0.118481	0.4406574	-2.4958	0.100197	0.3783441	-2.64312	0.628797	0.768839	1.30466	3.44254	15.8778	4.09978	1
cg12963312	TRAM2;TRAM2	0.0269315	0.0723813	1.31766	1.31766	0.476912	0.905285	-1.10462	0.0263313	1.43685	1.43685	0.111602	0.787873	-1.26924	0.119329	0.792503	-1.26182	0.107744	0.785459	-1.27314	0.73443	1.04816	1.04816	0.945947	1.14287	1.14287	0.00813091	1.59385	1.59385	4.24544	1.27281	0.266494	1
cg02022694	TRAM2	0.00227325	0.0065513	0.4	-2.5	0.0001418022	0.75705	-1.32012	0.411384	0.888833	-1.11258	0.176068	1.2006	1.2006	0.2401756	1.04524	1.04524	0.0085834	1.53115	1.53115	0.0001981	0.2614137	-3.82483	0.200951	1.18729	1.18729	0.083017	1.00303	1.00303	5.51199	0.884665	0.2274043	1
cg11219400	TRAM2	0.00026917	0.00184694	0.3587377	-2.87356	0.00218588	0.0844167	-11.846	0.00027596	0.0396583	-25.2154	0.0011101	0.0795489	-12.5709	0.000387321	0.0442414	22.6032	0.0347382	0.273445	-3.65705	0.000146333	0.0319956	-31.2543	0.935065	0.7529001	-1.3282	0.00189922	0.0984603	-10.1564	16.9453	74.4797	3.90694	1
cg00768638	TRAM2	0.0029434	0.0002694	0.2	-5	0.0003208562	0.0312	-32.0512	0.0395191	0.380057	-2.63164	0.0635824	0.349406	2.86012	0.0004631	0.197427	-5.06512	0.0741034	0.58966	-1.69589	0.00118511	0.2831122	-3.53204	0.570408	1.16448	1.16448	0.1164848	0.152675	0.66597	-1.50157	5.48603	6.11945	0.9915521	1
cg25642126	TRAM2	0.000331828	0.317473	0.836455	-1.19552	9.15E-05	3.34627	3.34627	0.140148	1.31561	1.31561	0.129338	1.32739	1.32739	0.406326	1.15813	1.15813	4.02E-05	0.25781	-3.87883	0.65903	1.07976	1.07976	0.124797	0.750384	-1.33265	0.250282	0.812514	-1.23075	16.0018	7.56917	0.420462	1
cg03372629	TRAM2	0.0450278	0.651052	0.940486	-1.06328	0.0160467	1.48758	1.487584	0.0178256	1.38282	1.38282	0.2742	0.850629	-1.1641	0.578268	0.927115	-1.07861	1.62E-05	0.279513	-3.57765	0.0009227	0.155085	5.95385	0.0014496	1.025291	1.025291	0.0010115	1.01115	1.01115	14.9356	4.29966	0.2156555	1
cg09550909	TRAM2	0.000509867	0.00017159	0.018139	-55.1298	0.0008469	0.0840017	-11.9045	0.0102894	0.0527527	-18.9564	0.00287813	0.0761991	-13.1235	0.000659713	0.038847	25.742	0.108098	0.332565	3.00696	0.004005301	0.0293105	-34.1175	0.785835	0.842787	-1.18654	0.00153753	0.0571567	-17.4958	13.5847	84.8408	5.55198	1
cg14488255	TRAM2	0.000640921	0.571132	1.11382	1.11382	0.000364501	0.34105	-2.93212	0.000450055	0.352762	-2.83478	0.372833	1.18804	1.18804	0.043222	0.645351	-1.54954	0.0791531	1.44351	1.44351	0.0120305	1.80373	1.80373	0.0259239	0.607767	-1.64537	0.00118912	0.408614	-2.44729	13.336	7.49116	0.493312	1
cg03435873	TRAM2	0.0149434	0.0114346	1.58869	-1.5888	0.0003196	0.0134	-17.9985	0.0050455	0.0539174	-19.9288	7.18E-05	0.0129344	5.60761	0.0001525293	0.0242767	41.1721	0.2020597	1.27246	1.27246	0.0944921	0.552292	1.8097969	0.1136262	0.7189998	-1.39082	0.552292	0.7189998	-1.39082	0.552292	0.7189998	-1.11362	0.2668448	0.8126097	-1.23047	15.9606	6.08859	0.452491	1
cg11014921	TRAM2	0.00147189	0.0262307	0.695762	-1.43727	0.568599	0.943065	-1.06037	0.0114593	0.724819	-1.37966	0.347409	0.906263	-1.10343	5.64E-05	0.467085	-2.14094	0.0059794	0.693815	-1.44131	0.0225531	0.75738	-1.32034	0.243456	1.1322	1.1322	0.426215	1.08617	1.08617	10.5368	1.7271	0.145699	1
cg08659654	TRAM2	0.00454523	0.364085	0.674307	-1.48258	0.215528	1.30013	1.30012	0.0654124	0.461155	-2.16742	0.422852	0.836819	-1.195	0.00109396	0.244387	-4.09265	0.0423186	1.19599	1.19599	0.1623983	1.38651	1.38651	0.0691564	0.9068883	-1.10268	0.6974743	0.627855	-1.59274	15.5476	5.74322	0.637571	1
cg10333520	TRAM2	0.00590338	0.00799947	0.410087	-2.43889	0.00292906	0.30895	-3.23655	0.0117922	0.1654	-6.0465	0.1377922	1.9204	1.9204	0.08970722	0.52074	-1.92048	0.0221775	1.06512	1.06512	0.01028887	2.29228	2.29228	0.01549676	3.363319	3.363319	0.0260158	2.94214	2.94214	6.9741	18.4287	2.34887	1
cg06468626	TRAM2	0.0116361	0.0467125	2.46262	2.46262	0.532667	0.778628	-1.28431	0.761872	1.12781	1.12781	0.0831006	2.13681	2.13681	0.132782	1.90003	1.90003	0.244365	1.61927	1.61927	0.00744456	0.131862	-7.58366	0.249349	1.61037	1.61037	0.81139	1.09923	1.09923	5.34591	13.2601	2.20481	1
cg11870261	TRAM2	0.0193686	0.3033447	0.7	-1.42857	0.0001	0.0312	-32.0513	0.0395191	0.380057	-2.63164	0.0635824	0.349406	2.86012	0.0004631	0.197427	-5.06512	0.0741034	0.58966	-1.69589	0.00118511	0.2831122	-3.53204	0.570408	1.16448	1.16448	0.1164848	0.152675	0.66597	-1.50157	5.48603	6.11945	0.9915521	1
cg14220170	TRAM2	0.0203379	0.279105	0.666435	-1.50052	0.0991873	0.521092	-1.91905	0.00211676	0.210513	-4.75028	0.52346	0.792007	-1.26261	0.00774674	0.291302	-3.43286	0.829827	0.925317	-1.08071	0.69569	1.1523	1.1523	0.0654892	2.10759	2.10759	0.197807	0.612408	-1.63377	4.67784	9.63507	1.83087	1
cg00920390	TRAM2	0.0498139	0.87511	0.979803	-1.02375	0.627734	1.07564	1.07564	0.0423968	1.43737	1.43737	0.336387	0.862509	-1.15941	0.437184	0.888457	-1.12555	0.591658	0.922374	-1.08416	0.0056205	0.4911745	-2.03709	0.0795531	0.7370979	-1.35671	0.1239866	1.20366	1.39294	1.91653	0.1313471	1
cg04439028	TRAP1	1.49E-06	0.93414	1.089158	-1.01096	0.598841	1.07253	1.072553	0.431026	0.899421	-1.11183	8.91E-07	0.179022	-5.58591	5.68E-06	0.2505574	8.35246	0.000170016	0.430303	-2.32394	8.49E-08	0.0974609	-10.2605	0.246597	1.17328	1.17328	0.00305185	1.58555	-1.70779	66.2705	18.2584	2.244901	1
cg06636460	TRAP1	0.00036784	0.763162	0.930394	-1.07481	0.117519	1.50057	1.50057	0.0842344	0.633799	-1.57779	0.477124	0.8415	-1.18835	0.000286682	0.245393	-4.0751	0.36512	0.800793	-1.24876	0.9316	0.101801	-9.82309	0.763107	0.930178	-1.07483	0.0189164	0.507321	-1.97114	15.5675	14.0516	0.802333	1
cg00454447	TRAP1	0.0012959	0.00758247	0.491756	-2.03319	0.0004118	0.0312	-32.0513	0.0395191	0.380057	-2.63164	0.0635824	0.349406	2.86012	0.0004631	0.197427	-5.06512	0.0741034	0.58966	-1.69589	0.00118511	0.2831122	-3.53204	0.570408	1.16448	1.16448	0.1164848	0.152675	0.66597	-1.50157	5.48603	6.11945	0.9915521	1
cg06723414	TRAP1	0.00532405	0.0191221	0.325047	-3.07648	0.0464417	0.405413	-2.46662	0.316877	0.663619	-1.50689	0.874128	0.939106	-1.06484	0.00217893	0.181963	-5.49564	0.0181207	0.320239	-3.12266	0.00282564	0.052957	19.0508	0.606872	0.8140491	-1.22836	0.0339768	0.374976	-2.66684	7.19899	7.906	2.21093	1
cg21619287	TRAP1	0.0270344	0.0270344	0.2	-5	0.0001	0.0312	-32.0513	0.0395191	0.380057	-2.63164	0.0635824	0.349406	2.86012	0.0004631	0.197427	-5.06512	0.0741034	0.58966	-1.69589	0.00118511	0.2831122	-3.53204	0.570408	1.16448	1.16448	0.1164848	0.152675	0.66597	-1.50157	5.48603	6.11945	0.9915521	1
cg01012308	TRAP1	0.00792538	0.0696086	0.484111	-2.06564	0.475043	0.774289	-1.29151	0.00629054	0.271161	-3.68784	0.00121783	0.170104	-5.87874	0.407961	1.34762	1.34762	0.0704789	2.05976	2.05976	0.744062	0.891246	-1.12202	0.0197467	2.35027	2.35027	0.327153	1.42911	1.42911	7.28226	13.9309	1.48788	1
cg15239579	TRAP1	0.0081473	0.00599717	2.91056	2.91056	0.00507802	2.96766	2.96766	0.63836	1.14915	1.14915	0.584394	0.85026	-1.17611	0.0133702	0.481822	-2.07

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07217710	TRAPPC9;TRAPPC9	0.00221283	0.123626	0.686601	-1.45645	0.0014866	2.81005	2.81005	0.112902	1.47556	1.47556	0.760878	0.933496	-1.07124	0.000237081	0.253345	-3.94719	0.316108	1.26324	1.26324	0.10273	1.49559	1.49559	0.216613	1.34062	1.34062	0.253766	0.764367	-1.30827	9.36134	7.53657	0.715621	1
cg17500329	TRAPPC9;TRAPPC9	0.00250226	0.562405	0.907141	-1.10236	0.0582571	0.700388	-1.42778	0.069467	0.713267	-1.402	0.224189	1.23673	1.23673	0.0304764	1.52676	1.52676	0.000213507	0.357337	-2.79848	0.624525	0.921194	-1.08555	0.0693682	0.713162	-1.40221	0.00171635	0.474886	-2.10577	9.02964	3.95984	0.389811	1
cg14353728	TRAPPC9;TRAPPC9	0.00297419	0.013737	0.476852	-2.09709	0.00078175	0.29086	-3.43808	0.000808882	0.292787	-3.41545	0.539888	0.859977	-1.16282	0.135114	0.67602	-1.47925	0.470412	0.836532	-1.19541	0.00607762	0.418631	-2.38874	0.0526174	1.70845	1.70845	0.812003	1.05963	1.05963	8.58013	8.02916	0.831809	1
cg09324628	TRAPPC9;TRAPPC9	0.00306969	0.0551484	0.595976	-1.67792	0.00321426	0.383961	-2.60443	0.0525926	0.591809	-1.68973	0.933319	1.02012	1.02012	0.000232099	0.233593	-4.28095	0.00330863	0.385829	-2.59182	0.0235856	0.52543	-1.9032	0.248651	1.3325	1.3325	0.469066	0.839168	-1.19166	8.49996	7.62824	0.797728	1
cg10076225	TRAPPC9;TRAPPC9	0.00429528	0.00297442	0.297233	-3.36436	0.654023	0.874348	-1.14371	0.103928	0.589062	-1.69761	0.000335401	0.17879	-5.59315	0.00137033	0.250995	-3.98415	0.106611	0.591897	-1.68948	0.574576	0.844667	-1.1839	0.226209	0.685066	-1.45971	0.0171293	0.421117	-2.37464	7.68539	10.7838	1.24725	1
cg23900548	TRAPPC9;TRAPPC9	0.00487572	0.865434	0.968479	-1.03255	0.971065	0.993174	-1.00687	0.579429	0.899681	-1.1115	0.762935	0.944476	-1.05879	0.00325561	0.46877	-2.13324	0.46818	1.14957	1.14957	0.000214407	3.21267	3.21267	0.325489	0.825539	-1.21133	0.978419	0.994905	-1.00512	7.39516	4.17651	0.502012	1
cg24337701	TRAPPC9;TRAPPC9	0.00542315	0.122014	0.591042	-1.69193	0.542004	0.823931	-1.21369	0.139167	0.606896	-1.64773	0.830367	0.934905	-1.06963	0.000172303	0.135057	-7.40429	0.101706	0.569994	-1.75441	0.00223142	0.260905	-3.83282	0.636857	0.861396	-1.16091	0.0183513	0.407429	-2.45441	7.1584	11.1602	1.38581	1
cg12737392	TRAPPC9;TRAPPC9	0.00621883	0.739375	1.05112	1.05112	0.00952798	0.612383	-1.63297	0.0650495	0.733914	-1.36256	0.268786	0.841977	-1.18768	0.00286331	0.541856	-1.84551	0.42791	1.12848	1.12848	0.00217747	1.90064	1.90064	0.754387	1.04799	1.04799	0.210058	0.820975	-1.21806	6.86276	2.42404	0.31397	1
cg03243902	TRAPPC9;TRAPPC9	0.00696876	0.510799	1.14011	1.14011	0.0164285	0.561906	-1.77966	0.00487366	0.480138	-2.08273	0.687411	1.08276	1.08276	0.822183	0.956714	-1.04524	0.0293754	1.65604	1.65604	0.00920858	1.91543	1.91543	0.0122437	0.541459	-1.84686	0.577657	1.11692	1.11692	6.62435	4.05456	0.544061	1
cg15302800	TRAPPC9;TRAPPC9	0.00717496	0.0749811	0.691454	-1.44623	0.00157722	0.429818	-2.32657	0.00524316	0.504026	-1.98403	0.0895671	1.41659	1.41659	0.512902	0.883848	-1.13142	0.0157401	0.576581	-1.73436	0.335673	1.20288	1.20288	0.120686	0.731136	-1.36773	0.0150947	0.573718	-1.74302	6.56435	3.59916	0.487367	1
cg04500632	TRAPPC9;TRAPPC9	0.00807712	0.0497681	0.783009	-1.27712	0.00936902	1.43351	1.43351	0.340474	1.11335	1.11335	0.0983205	1.21917	1.21917	0.0811462	1.23534	1.23534	0.774247	1.03193	1.03193	0.00252974	1.58116	1.58116	0.0176656	0.729467	-1.37086	0.118981	1.20316	1.20316	6.32502	1.19676	0.168187	1
cg10726725	TRAPPC9;TRAPPC9	0.00943822	0.0619589	0.729269	-1.37124	0.0951257	0.759224	-1.31713	0.00662482	0.588963	-1.6979	0.0392158	0.698801	-1.43102	0.0112097	0.620434	-1.61177	0.125519	1.2828	1.2828	0.0113595	1.60969	1.60969	0.248873	0.834399	-1.19847	0.170818	0.803271	-1.24491	6.02069	2.15143	0.317635	1
cg11786459	TRAPPC9;TRAPPC9	0.0109827	0.940331	1.01502	1.01502	0.612899	1.10691	1.10691	0.536968	0.88297	-1.13254	0.812029	0.953678	-1.04857	0.000131732	0.266947	-3.74607	0.545902	0.885434	-1.12939	0.110656	0.707467	-1.41349	0.261962	0.792253	-1.26222	0.191599	0.759395	-1.31684	5.73543	3.6003	0.557981	1
cg22807877	TRAPPC9;TRAPPC9	0.0115186	0.641997	1.05985	1.05985	0.00240141	0.591523	-1.69055	0.00542106	0.634872	-1.57512	0.831533	1.0268	1.0268	0.800564	0.969063	-1.03192	0.593678	1.06914	1.06914	0.00872719	1.51412	1.51412	0.522634	1.08376	1.08376	0.8597	0.978275	-1.02221	5.64791	1.37868	0.216982	1
cg17503744	TRAPPC9;TRAPPC9	0.0119506	0.918519	0.964438	-1.03687	0.00326146	0.241884	-4.13421	0.00104652	0.17969	-5.56513	0.053195	0.45965	-2.17557	0.00747249	0.295609	-3.38285	0.0614311	0.474432	-2.10779	0.156856	0.585196	-1.70883	0.152982	0.581835	-1.7187	0.348915	0.710896	-1.40668	5.58095	11.0679	1.76281	1
cg04291024	TRAPPC9;TRAPPC9	0.012923	0.022541	0.272385	-3.67127	0.00200884	0.125537	-7.96577	0.00633898	0.184175	-5.42962	0.306855	0.604352	-1.65467	0.399848	1.50724	1.50724	0.0585301	0.361523	-2.76607	0.0152674	0.24217	-4.12934	0.455186	1.43635	1.43635	0.343731	0.628564	-1.59093	5.44069	19.5279	3.19042	1
cg21926091	TRAPPC9;TRAPPC9	0.0132556	0.870868	0.965994	-1.0352	0.103578	1.4602	1.4602	0.759169	1.06758	1.06758	0.000347679	0.294228	-3.39873	0.530935	0.873732	-1.14452	0.437621	1.1834	1.1834	0.239146	1.29974	1.29974	0.481527	1.16433	1.16433	0.224984	1.31132	1.31132	5.39569	3.86491	0.636707	1
cg07028620	TRAPPC9;TRAPPC9	0.013846	0.00748009	0.387932	-2.57777	0.181262	0.676854	-1.47742	0.180712	0.67648	-1.47824	0.540629	1.18571	1.18571	0.00165865	0.29006	-3.44756	0.976623	0.991975	-1.00809	0.910007	0.969385	-1.03158	0.268458	0.728355	-1.37296	0.00340307	0.334619	-2.98847	5.31919	6.37084	1.06463	1
cg24521757	TRAPPC9;TRAPPC9	0.0141603	0.732115	0.955851	-1.04619	0.00334463	1.69002	1.69002	0.0217313	1.43624	1.43624	0.0176728	1.46113	1.46113	0.463666	0.906632	-1.10298	0.882831	1.01957	1.01957	0.929374	1.01172	1.01172	0.0149635	0.674929	-1.48164	0.635708	0.939218	-1.06472	5.28008	1.44407	0.243105	1
cg02528189	TRAPPC9;TRAPPC9	0.0149775	0.143527	0.761788	-1.3127	0.0223515	1.60613	1.60613	0.275271	0.821618	-1.21711	0.370502	0.852836	-1.17256	0.00177658	0.462897	-2.16031	0.388234	0.858062	-1.16542	0.0622036	1.43823	1.43823	0.206292	0.793929	-1.25956	0.0867637	0.720755	-1.38743	5.18327	2.45989	0.421851	1
cg06565641	TRAPPC9;TRAPPC9	0.0150688	0.00339099	0.0923236	-10.8315	0.208476	2.21014	2.21014	0.541632	0.69106	-1.44705	0.499507	1.50677	1.50677	0.00503708	0.108758	-9.19476	0.0245874	0.201642	-4.95927	0.113032	2.80544	2.80544	0.657832	0.765984	-1.30551	0.339552	0.555037	-1.80168	5.17286	29.3054	5.03575	1
cg24317069	TRAPPC9;TRAPPC9	0.0153482	0.87179	1.04892	1.04892	0.0313847	2.10985	2.10985	0.252837	0.70243	-1.42363	0.0343628	0.481953	-2.07489	0.000922946	0.231408	-4.32137	0.307997	1.36623	1.36623	0.648657	0.87314	-1.14529	0.324542	0.740172	-1.35104	0.233769	0.691308	-1.44653	5.14149	7.1217	1.23124	1
cg18554116	TRAPPC9;TRAPPC9	0.0153793	0.915748	0.984939	-1.01529	0.0999262	0.772187	-1.29502	0.798835	0.96404	-1.0373	0.980161	1.00357	1.00357	0.728	0.951164	-1.05134	0.0791529	0.75615	-1.32249	0.000475988	2.19606	2.19606	0.490495	0.904441	-1.10566	0.273207	0.849144	-1.17766	5.13805	1.67345	0.289508	1
cg16191297	TRAPPC9;TRAPPC9	0.0157766	0.967895	0.987317	-1.01285	0.935077	0.974494	-1.02617	0.611838	0.850194	-1.1762	0.242878	1.47339	1.47339	0.000445366	0.172492	-5.79739	0.827449	0.933112	-1.07168	0.0107791	0.362087	-2.76177	0.678056	0.876001	-1.14155	0.275637	0.697911	-1.43285	5.09474	8.1153	1.41589	1
cg10722846	TRAPPC9;TRAPPC9	0.0167563	0.000382906	0.238371	-4.19514	0.474606	1.2019	1.2019	0.797669	0.937093	-1.06713	0.267604	0.746716	-1.3392	0.118928	0.651792	-1.53423	0.0354663	0.538356	-1.85751	0.0961058	0.629921	-1.5875	0.827669	1.05669	1.05669	0.878824	0.96215	-1.03934	4.99353	5.05857	0.900466	1
cg05591123	TRAPPC9;TRAPPC9	0.0168352	0.594295	1.13808	1.13808	0.00827595	0.443801	-2.25326	0.0021796	0.355412	-2.81364	0.0681629	0.611758	-1.63463	0.253389	0.75051	-1.33243	0.0645103	0.606732	-1.64818	0.076088	1.60787	1.60787	0.279322	0.762907	-1.31078	0.163531	0.699232	-1.43014	4.98569	4.57113	0.814979	1
cg25699417	TRAPPC9;TRAPPC9	0.0180892	0.271372	0.726156	-1.37712	0.10674	1.63583	1.63583	0.0479435	0.531588	-1.88116	0.621523	1.1492	1.1492	0.00110822	0.26101	-3.83128	0.14362	1.55136	1.55136	0.176384	1.4943	1.4943	0.932797	0.976706	-1.02385	0.562284	0.848977	-1.17789	4.86702	6.01979	1.09942	1
cg21201272	TRAPPC9;TRAPPC9	0.0185297	0.0424033	0.16856	-5.93261	0.00476156	0.0575564	-17.3743	0.0147807	0.101783	-9.82485	0.175138	0.333407	-2.99934	0.0246542	0.130276	-7.676	0.0510323	0.183994	-5.43495	0.00936958	0.0812906	-12.3015	0.00789051	0.0745753	-13.4093	0.0806072	0.228537	-4.37566	4.82775	44.3651	8.16853	1
cg17476951	TRAPPC9;TRAPPC9	0.0214419	0.236188	1.19873	1.19873	0.308165	0.857245	-1.16653	0.369558	0.874094	-1.14404	0.0500565	0.721603	-1.3858	0.156613	1.24765	1.24765	0.875409	1.02318	1.02318	0.00213335	1.87786	1.87786	0.991359	1.00158	1.00158	0.0411908	0.708959	-1.41052	4.59421	1.55159	0.300202	1
cg18980939	TRAPPC9;TRAPPC9	0.0217473	0.0140548	0.697824	-1.43303	0.850928	0.977921	-1.02258	0.914496	0.987336	-1.01283	0.0164673	0.706259	-1.41591	0.0199984	0.716664	-1.39535	0.205272	1.17185	1.17185	0.0238163	1.37725	1.37725	0.137225	0.826993	-1.2092	0.861513	0.979493	-1.02094	4.57201	1.01968	0.198247	1
cg13713522	TRAPPC9;TRAPPC9	0.0219974	0.320528	1.14925	1.14925	0.0297514	1.41436	1.41436	0.396581	0.889005	-1.12485	0.638403	1.06625	1.06625	0.455792	0.902177	-1.10843	0.95756	1.00724	1.00724	0.000607933	2.04631	2.04631	0.124642	1.25271	1.25271	0.748763	1.04451	1.04451	4.55413	1.32479	0.258577	1
cg21746261	TRAPPC9;TRAPPC9	0.0223485	0.186009	0.481842	-2.07537	0.662959	0.795841	-1.25653	0.0162624	0.21649	-4.61916	0.0144041	0.207923	-4.80947	0.00226039	0.108059	-9.25422	0.540899	1.38034	1.38034	0.0798526	0.363453	-2.75139	0.461195	1.47792	1.47792	0.105262	0.397864	-2.51342	4.52943	19.4514	3.81729	1
cg10454286	TRAPPC9;TRAPPC9	0.0225428	0.117336	1.56377	1.56377	0.903645	1.03234	1.03234	0.936132	1.02129	1.02129	0.0151783	2.19015	2.19015	0.00767445	0.406329	-2.46106	0.255894	0.732175	-1.36579	0.0126592	0.44282	-2.25825	0.466274	0.82294	-1.21516	0.849555	0.951312	-1.05118	4.51597	4.94123	0.972593	1
cg07551054	TRAPPC9;TRAPPC9	0.0234773	0.115639	0.675209	-1.48102	0.0046974	2.36978	2.36978	0.563357	1.14357	1.14357	0.0137718	0.496976	-2.01217	0.531112	1.15683	1.15683	0.160791	0.708935	-1.41057	0.243752	1.32321	1.32321	0.149333	1.42623	1.42623	0.319735	1.26631	1.26631	4.45318	3.71897	0.742333	1
cg23401796	TRAPPC9;TRAPPC9	0.0244279	0.439496	0.502143	-1.99147	0.0120853	15.3943	15.3943	0.62725	1.53351	1.53351	0.1171	0.225972	-4.42532	0.215476	0.320108	-3.12395	0.341353	2.35527	2.35527	0.0035447	0.0316405	-31.6051	0.242808	2.90942	2.90942	0.645054	1.49971	1.49971	4.39241	53.1066	10.7472	1
cg12985065	TRAPPC9;TRAPPC9	0.0250118	0.0974821	0.677688	-1.4756	0.0126475	0.515189	-1.94103	0.0114957	0.50843	-1.96684	0.146768	0.71662	-1.39544	0.0534616	0.625429	-1.5989	0.150953	0.71942	-1.39001	0.00204138	0.394495	-2.53489	0.831229	0.955362	-1.04672	0.0923473	0.672767	-1.4864	4.35652	3.15859	0.644467	1
cg17290943	TRAPPC9;TRAPPC9	0.0251156	0.0354317	0.51483	-1.94239	0.379416	0.783138	-1.27691	0.0954891	0.608665	-1.64294	0.281051	0.738061	-1.3549	0.00239478	0.317572	-3.14889	0.00587846	0.376358	-2.65704	0.0704973	0.578106	-1.72979	0.0340035	0.511267	-1.95592	0.0596473	0.562032	-1.77926	4.35025	5.06334	1.0346	1
cg00155882	TRAPPC9;TRAPPC9	0.025163	0.814811	0.965985	-1.03521	0.251091	0.837889	-1.19348	0.00300786	0.548795	-1.82217	0.83117	0.969	-1.03199	0.594112	1.08256	1.08256	0.870055	0.976141	-1.02444	0.00445059	1.75008	1.75008	0.661565	0.937095	-1.06713	0.492929	0.902391	-1.10817	4.34739	1.4979	0.306267	1
cg22504031	TRAPPC9;TRAPPC9	0.0279126	0.099689	0.740565	-1.35032	0.269517	0.8258	-1.21095	0.00618163	0.551895	-1.81194	0.933145	0.986131	-1.01406	0.0228764	0.635588	-1.57335	0.130143	0.761757	-1.31276	0.00199917	0.483746	-2.0672	0.327645	0.845186	-1.18317	0.206121	0.80092	-1.24856	4.1924	1.83978	0.390077	1
cg05224922	TRAPPC9;TRAPPC9	0.0280461	0.0644328	0.366577	-2.72794	0.0295062	0.289918	-3.44925	0.0107918	0.212885	-4.69737	0.0161992	0.241537	-4.14015	0.00432219	0.158394	-6.31339	0.0681857	0.372872	-2.68188	0.0795025	0.390539	-2.56056	0.212411	0.530228	-1.88598	0.0481635	0.335916	-2.97693	4.18536	15.4678	3.28506	1
cg01012439	TRAPPC9;TRAPPC9	0.0281388	0.0161398	0.699534	-1.42952	0.259062	0.8668	-1.15367	0.0691203	0.781218	-1.28005	0.350963	1.12361	1.12361	0.412077	0.903196	-1.10718	0.721773	0.957521	-1.04436	0.00399733	1.59945	1.59945	0.533791	1.07951	1.07951	0.455033	1.09678	1.09678	4.18049	0.975828	0.207488	1
cg03918756	TRAPPC9;TRAPPC9	0.0290388	0.520665	0.688044	-1.4534	0.0088002	6.79202	6.79202	0.878711	1.09166	1.09166	0.170544	0.432519	-2.31204	0.560423	0.713133	-1.40226	0.173964	2.29477	2.29477	0.00438424	0.11248	-8.89046	0.504357	1.47562	1.47562	0.540718	1.4271	1.4271	4.13428	21.5941	4.64283	1
cg26769700	TRAPPC9;TRAPPC9	0.0294974	0.565979	0.885966	-1.12871	0.86497	1.03615	1.03615	0.0248843	0.572857	-1.74564	0.101516	0.687892	-1.45372	0.0630587	0.646413	-1.547	0.996357	0.999048	-1.00095	0.00491918	2.17596	2.17596	0.550517	1.13433	1.13433	0.110545	0.695679	-1.43745	4.1114	2.83547	0.613032	1
cg02881186	TRAPPC9;TRAPPC9	0.0357943	0.016479	0.27432	-3.64538	0.894002	1.06061	1.06061	0.627166	0.805681	-1.24119	0.478776	0.727709	-1.37418	0.0404879	0.351882	-2.84187	0.139837	0.495962	-2.01628	0.00191274	0.143688	-6.9595	0.0794696	0.423457	-2.36151	0.125367	0.48084	-2.07969	3.83581	11.8376	2.74318	1
cg21602882	TRAPPC9;TRAPPC9	0.0396993	0.353747	1.47769	1.47769	0.960424	1.02052	1.02052	0.0261702	0.339697	-2.9438	0.915382	0.957435	-1.04446	0.881663	0.940859	-1.06286	0.536231	0.773884	-1.29218	0.857214	0.928944	-1.07649	0.00182832	6.1248	6.1248	0.621935	0.815938	-1.22558	3.69338	9.79735	2.35793	1
cg03218479	TRAPPC9;TRAPPC9	0.0407349	0.118688	0.484882	-2.06236	0.638569	1.22408	1.22408	0.119508	0.485792	-2.05849	0.0715919	0.423243	-2.36271	0.00210999	0.157614	-6.34462	0.742278	1.15146	1.15146	0.581538	0.788284	-1.26858	0.907514	0.951545	-1.05092	0.0254705	0.321501	-3.11041	3.65849	10.5831	2.57132	1
cg07999738	TRAPPC9;TRAPPC9	0.0418262	0.197176	0.712389	-1.40373	0.0129734	2.15325	2.15325	0.474965	0.834667	-1.19808	0.246624	0.739804	-1.35171	0.123387	0.660244	-1.51459	0.111688	1.53868	1.53868	0.0301416	0.530323	-1.88564	0.819399	1.05854	1.05854	0.121097	0.658282	-1.5191	3.62289	3.55032	0.871083	1
cg11256152	TRAPPC9;TRAPPC9	0.0423991	0.0244787	0.157669	-6.34238	0.139214	2.99498	2.99498	0.360986	0.523485	-1.91028	0.534469	1.54283	1.54283	0.0271197	0.164805	-6.06779	0.036	0.186153	-5.37193	0.0718717	3.99477	3.99477	0.597011	0.692286	-1.44449	0.250585	0.437152	-2.28753	3.60466	27.1212	6.68794	1
cg26135849	TRAPPC9;TRAPPC9	0.0450442	0.0301021	0.158224	-6.32017	0.0971406	3.72865	3.72865	0.826163	0.853	-1.17233	0.528061	1.5874	1.5874	0.041823	0.183458	-5.45084	0.0343319	0.167882	-5.95655	0.0502313	5.02055	5.02055	0.837497	0.862045	-1.16003	0.382278	0.523249	-1.91113	3.52423	29.1644	7.3559	1
cg16586880	TRAPPC9;TRAPPC9	0.0454931	0.584081	0.831496	-1.20265	0.302844	1.42797	1.42797	0.293206	0.694919	-1.43902	0.614071	0.843898	-1.18498	0.000781565	0.183447	-5.45117	0.933355	0.972469	-1.02831	0.899058	1.04327	1.04327	0.95327	1.01975	1.01975	0.459088	0.777538	-1.28611	3.51116	6.19563	1.56849	1
cg02642126	TRAPPC9;TRAPPC9	0.0470231	0.406827	1.26855	1.26855	0.795096	1.07569	1.07569	0.073932	0.572148	-1.7478	0.757162	0.916725	-1.09084	0.00235829	0.304447	-3.28464	0.781084	0.924874	-1.08123	0.276783	1.37315	1.37315	0.288622	1.3618	1.3618	0.151009	0.649601	-1.53941	3.46777	4.31605	1.10633	1
cg10945385	TRAPPC9;TRAPPC9	0.0476245	0.035294	4.84394	4.84394	0.549838	1.4761	1.4761	0.948558	0.959325	-1.0424	0.0819915	3.45648	3.45648	0.0314168	5.07533	5.07533	0.246428	2.18165	2.18165	0.00448004	11.4626	11.4626	0.0709889	3.66262	3.66262	0.0398092	4.61607	4.61607	3.45119	22.6396	5.83105	1
cg08001952	TRAPPC9;TRAPPC9	0.048396	0.129246	0.786396	-1.27162	0.153918	1.25078	1.25078	0.0192227	0.660208	-1.51467	0.0967335	0.765465	-1.3064	0.126776	0.784973	-1.27393	0.032944	0.693746	-1.44145	0.116223	1.28433	1.28433	0.501821	0.904907	-1.10509	0.552828	1.092	1.092	3.43029	1.16741	0.302509	1
cg18989722	TRAPPC9;TRAPPC9	0.0493908	0.145907	0.662426	-1.5096	0.0806616	0.599845	-1.6671	0.00516244	0.377498	-2.64902	0.589016	0.865981	-1.15476	0.00911286	0.417284	-2.39645	0.936243	0.979116	-1.02133	0.0304788	0.511281	-1.95587	0.427643	0.807632	-1.23819	0.461843	0.820693	-1.21848	3.40394	3.75187	0.979743	1
cg18985499	TRAPPC9;TRAPPC9	0.0497247	0.996447	1.00094	1.00094	0.156416	0.725273	-1.37879	0.434126	0.844427	-1.18423	0.467152	0.854904	-1.16972	0.206648	0.754122	-1.32605	0.0580455	0.635132	-1.57448	0.005149	2.18758	2.18758	0.626255	0.901237	-1.10959	0.08554	0.668522	-1.49584	3.39525	2.41396	0.631984	1
cg24546549	TRAPPC9;TRAPPC9;TRAPPC9	0.0158327	0.803074	0.982398	-1.01792	0.0160235	1.23309	1.23309	0.663717	0.969386	-1.03158	0.880893	1.01071	1.01071	0.165335	1.1109	1.1109	0.0777729	1.14948	1.14948	0.00197425	0.732921	-1.3644	0.0583526	0.858961	-1.1642	0.832564	1.01516	1.01516	5.08874	0.407104	0.0711119	1
cg19811231	TRAT1	7.36E-06	6.62E-08	0.0422006	-23.6963	0.0329307	0.648323	-1.54244	0.00482098	0.522241	-1.91482	0.52016	0.892931	-1.11991	0.000120733	0.311314	-3.2122	0.198579	0.789768	-1.26619	0.842327	0.965994	-1.0352	0.952966	0.989806	-1.0103	0.0282912	0.637736	-1.56805	43.9244	20.9937	0.424846	1
cg27572854	TRAT1	0.000172918	1.94E-06	0.0547392	-18.2685	0.149856	0.683499	-1.46306	0.57804	0.870663	-1.14855	0.63658	0.88931	-1.12447	0.00370856	0.380452	-2.62846	0.261052	0.74908	-1.33497	0.0826511	1.60601	1.60601	0.99824	0.999457	-1.00054	0.0558771	0.586323	-1.70555	19.1093	18.3864	0.855264	1
cg22211507	TRAT1	0.0204655	0.00118846	0.111261	-8.9879	0.201601	0.536307	-1.8646	0.0316257	0.312157	-3.20352	0.329061	1.59266	1.59266	0.169118	0.508211	-1.96769	0.0351506	0.321798	-3.10754	0.208067	0.541583	-1.84644	0.257753	1.72574	1.72574	0.193725	0.529748	-1.88769	4.66789	15.7817	3.00525	1
cg00857480	TRDMT1;TRDMT1;TRDMT1	0.00182384	0.568843	0.864432	-1.15683	0.000322697	0.229535	-4.35664	0.00551907	0.397424	-2.51621	0.00158376	0.317483	-3.14978	0.00819451	0.424925	-2.35336	0.0403957	0.549386	-1.82021	0.161717	0.685208	-1.45941	0.708724	0.90943	-1.09959	0.00045013	0.246679	-4.05384	9.9039	10.0392	0.901029	1
cg12591454	TRDMT1;TRDMT1;TRDMT1	0.00321329	0.251377	1.3458	1.3458	0.320731	0.775489	-1.28951	0.238593	0.736458	-1.35785	0.000727946	3.5723	3.5723	0.380262	0.800071	-1.24989	0.00288922	2.76014	2.76014	0.0228331	1.96412	1.96412	0.335162	1.2793	1.2793	0.00152138	3.1	3.1	8.3851	8.15657	0.864663	1
cg04884102	TRDMT1;TRDMT1;TRDMT1	0.0380916	0.152946	1.50676	1.50676	0.630227	1.13874	1.13874	0.10845	0.625627	-1.5984	0.059552	1.76748	1.76748	0.1286	1.55258	1.55258	0.0708386	0.582387	-1.71707	0.0723383	0.584428	-1.71107	0.882793	1.0403	1.0403	0.0190733	2.13819	2.13819	3.74983	4.26048	1.00994	1
cg19579782	TRDMT1;TRDMT1;TRDMT1	0.0455671	0.726291	0.876901	-1.14038	0.00489423	0.248117	-4.03036	0.242113	0.632808	-1.58026	0.065255	2.16743	2.16743	0.178127	0.585794	-1.70709	0.218056	1.623	1.623	0.164247	0.574236	-1.74144	0.102385	0.512687	-1.95051	0.820904	1.08845	1.08845	3.50902	7.76388	1.96671	1
cg10768734	TRDN	0.00344246	0.0164603	0.169412	-5.90276	0.000158038	0.0199566	-50.1088	0.0276864	0.206646	-4.83919	0.143524	0.385915	-2.59124	0.00433328	0.0992976	-10.0707	0.0742781	0.299762	-3.33598	0.00635595	0.116281	-8.59986	0.00588878	0.112717	-8.87181	0.0698376	0.292861	-3.41458	8.21444	47.7382	5.16578	1
cg04840339	TRDN	0.0130301	0.623864	0.871447	-1.14752	0.00380781	2.96372	2.96372	0.343269	0.761993	-1.31235	0.658017	0.883357	-1.13204	0.000916176	0.251724	-3.9726	0.918435	0.971885	-1.02893	0.3897	0.782392	-1.27813	0.838582	1.05843	1.05843	0.576473	0.85462	-1.17011	5.42604	6.66083	1.09117	1
cg19478478	TRDN;TRDN	0.00844702	0.041649	0.528692	-1.89146	0.126746	0.638741	-1.56558	0.0630995	0.567045	-1.76353	0.104623	1.61829	1.61829	0.00424303	0.353927	-2.82545	0.584573	1.16163	1.16163	0.00438538	2.80804	2.80804	0.192282	1.45432	1.45432	0.330745	0.761584	-1.31305	6.23632	7.27411	1.03681	1
cg08498647	TREH	0.00305302	0.000667823	0.117793	-8.48946	0.0201271	0.316158	-3.16298	0.0855272	0.458075	-2.18305	0.108282	0.486915	-2.05375	0.00123426	0.143657	-6.96103	0.00299621	0.18784	-5.32367	0.00161555	0.156177	-6.403	0.0189226	0.311129	-3.2141	0.0205057	0.31769	-3.14772	8.51373	22.7508	2.37533	1
cg04315692	TREH	0.00310772	0.0417123	1.71631	1.71631	0.000166211	4.37529	4.37529	0.00193793	2.74309	2.74309	0.0246905	1.85047	1.85047	0.00911614	2.1431	2.1431	0.159456	1.41332	1.41332	0.421382	1.20803	1.20803	0.00711252	2.22561	2.22561	0.0168949	1.95537	1.95537	8.46889	7.10135	0.745353	1
cg18045108	TREH	0.0134236	0.548986	1.18743	1.18743	0.00025289	5.52278	5.52278	0.077008	1.74554	1.74554	0.451546	0.804686	-1.24272	0.989407	1.00377	1.00377	0.29242	1.36268	1.36268	0.919351	1.02911	1.02911	0.326001	1.33283	1.33283	0.0332199	2.02425	2.02425	5.37349	6.83048	1.12991	1
cg08981224	TREH	0.0254015	0.407802	1.12937	1.12937	0.00111778	1.99306	1.99306	0.0628786	1.35079	1.35079	0.902697	1.01773	1.01773	0.491738	0.90453	-1.10555	0.0448333	0.718293	-1.39219	0.952344	1.00862	1.00862	0.330197	1.15532	1.15532	0.95943	1.00734	1.00734	4.33313	1.41685	0.29065	1
cg04451353	TREM1	0.0116373	0.970369	1.01282	1.01282	0.198355	0.627329	-1.59406	0.80096	0.916998	-1.09052	0.143492	1.71465	1.71465	0.000318906	0.135478	-7.38129	0.658143	1.16503	1.16503	0.282965	1.46619	1.46619	0.380438	0.734471	-1.36152	0.0441502	0.452412	-2.21037	5.62921	10.4898	1.65641	1
cg17430214	TREM1	0.0253184	0.54268	1.27957	1.27957	0.103255	2.04001	2.04001	0.153233	1.84384	1.84384	0.542235	1.27992	1.27992	0.248527	0.617195	-1.62023	0.211221	1.69376	1.69376	0.0101375	3.66013	3.66013	0.00132416	6.47746	6.47746	0.995663	1.00218	1.00218	4.33808	10.9962	2.25316	1
cg18505453	TREM1	0.0292689	0.63362	0.863952	-1.15747	0.0210908	0.429661	-2.32742	0.0378275	0.480246	-2.08227	0.786217	1.08632	1.08632	0.674506	0.879293	-1.13728	0.111997	1.69394	1.69394	0.00347427	0.298803	-3.34669	0.567578	1.19239	1.19239	0.109083	0.587342	-1.70259	4.12274	6.05601	1.30571	1
cg09310966	TREM1	0.0313948	0.0157708	0.227774	-4.39032	0.00580374	0.164136	-6.09252	0.068525	0.360676	-2.77257	0.0733862	0.368466	-2.71395	0.0437408	0.313709	-3.18767	0.469519	0.692125	-1.44483	0.00758031	0.179492	-5.57128	0.963525	1.02313	1.02313	0.253317	0.550658	-1.81601	4.02123	15.9283	3.52094	1
cg10981439	TREM1;TREM1	0.0158102	0.0673639	0.487015	-2.05333	0.0027814	0.235175	-4.25216	0.418514	0.748147	-1.33663	0.0454362	0.44693	-2.23749	0.0593927	0.473804	-2.11058	0.962905	0.983809	-1.01646	0.00751055	0.298895	-3.34566	0.589006	1.21101	1.21101	0.00611468	0.284813	-3.51108	5.09114	9.93365	1.73437	1
cg00718409	TREM2	0.000309952	0.000293637	0.248962	-4.01668	0.00676332	0.437202	-2.28727	0.00149069	0.339751	-2.94333	0.756038	0.929183	-1.07621	3.06E-05	0.146645	-6.81918	0.663295	1.10876	1.10876	0.0212571	0.520708	-1.92046	0.0114458	0.474373	-2.10805	0.000275609	0.245708	-4.06988	16.3038	14.3425	0.781957	1
cg04456284	TREM2	0.00276426	0.00143037	0.465379	-2.14879	0.949238	0.989496	-1.01062	0.0142692	0.605762	-1.65081	0.192301	0.795409	-1.25721	0.0013907	0.463741	-2.15637	0.68622	0.934856	-1.06968	0.00954739	1.72363	1.72363	0.480796	1.12622	1.12622	0.00779658	0.56747	-1.76221	8.76822	3.82032	0.387289	1
cg02539671	TREM2	0.0137336	0.00884299	0.351968	-2.84117	0.589516	0.843103	-1.18609	0.041578	0.478941	-2.08794	0.0145746	0.389589	-2.56681	0.21929	0.667136	-1.49895	0.0823013	0.547133	-1.82771	0.359226	0.744258	-1.34362	0.00148343	0.237798	-4.20525	0.00550228	0.318715	-3.1376	5.33343	8.29233	1.38203	1
cg20095587	TREM2	0.0303542	0.248772	0.724108	-1.38101	0.0641509	1.74546	1.74546	0.875992	0.959046	-1.0427	0.338109	1.30267	1.30267	0.864775	1.0467	1.0467	0.271545	1.35865	1.35865	0.000991096	3.70711	3.70711	0.0566782	1.78182	1.78182	0.911707	1.03015	1.03015	4.06982	4.62163	1.00941	1
cg01564343	TREML1	0.00323085	0.643295	1.13432	1.13432	0.00997204	2.40954	2.40954	0.00864177	0.404617	-2.47148	0.0106922	0.420146	-2.38012	0.0128028	0.433602	-2.30626	0.928928	1.0244	1.0244	0.00181277	0.301634	-3.31527	0.182865	1.46522	1.46522	0.0212092	0.472976	-2.11427	8.37149	9.6844	1.02829	1
cg15153887	TREML1	0.00646902	0.0236648	0.457176	-2.18734	0.119162	0.612625	-1.63232	0.0456956	0.5149	-1.94213	0.00237785	0.29304	-3.4125	0.00171031	0.273239	-3.6598	0.0112807	0.398695	-2.50818	0.0013581	0.259875	-3.84801	0.325216	0.745024	-1.34224	0.159284	0.646735	-1.54623	6.77942	9.01373	1.18184	1
cg10792307	TREML1	0.0104737	0.54684	0.901972	-1.10868	0.0904282	1.37122	1.37122	0.22216	0.804846	-1.24247	0.93187	0.985635	-1.01457	0.00428745	0.52392	-1.90869	0.388968	1.16113	1.16113	0.0236354	0.633034	-1.57969	0.00441414	1.90222	1.90222	0.150887	0.770676	-1.29756	5.82362	2.6409	0.403093	1
cg04710115	TREML1	0.0227026	0.149762	0.695162	-1.43851	0.455986	0.836298	-1.19575	0.00204046	0.359267	-2.78344	0.0491782	0.58938	-1.6967	0.0166059	0.502185	-1.9913	0.218398	1.35639	1.35639	0.335613	1.26337	1.26337	0.258222	0.757466	-1.32019	0.529587	1.16178	1.16178	4.50501	3.95562	0.780487	1
cg27193858	TREML2	0.000223647	0.00106275	0.585888	-1.70681	0.00193524	1.62359	1.62359	0.00231679	0.624919	-1.60021	0.00013669	0.482366	-2.07311	0.770188	1.03289	1.03289	0.968356	0.995627	-1.00439	0.00337505	1.55345	1.55345	0.0340407	0.760834	-1.31435	0.00168798	0.609076	-1.64183	17.8222	3.44557	0.171849	1
cg25960769	TREML2	0.00129749	0.00163524	0.306302	-3.26475	0.109537	0.632803	-1.58027	0.00663745	0.39692	-2.5194	0.0456468	0.548245	-1.824	0.00529825	0.381404	-2.62189	0.00823288	0.412115	-2.4265	0.000444086	0.233627	-4.28034	0.000143167	0.179221	-5.57971	0.0217752	0.485671	-2.05901	10.9251	11.9023	0.968395	1
cg18297196	TREML2	0.00710772	0.0318139	0.642919	-1.55541	0.142299	1.31906	1.31906	0.00129213	0.439044	-2.27768	0.161458	0.769112	-1.3002	0.0137679	0.585901	-1.70677	0.153499	1.30774	1.30774	0.706806	0.935812	-1.06859	0.802565	1.04496	1.04496	0.00487997	0.519415	-1.92524	6.58368	3.21376	0.433903	1
cg03526776	TREML2	0.0146096	0.0241839	0.544317	-1.83716	0.788524	0.940975	-1.06273	0.259134	0.76612	-1.30528	0.0158424	0.512332	-1.95186	0.00595341	0.443165	-2.2565	0.0405593	0.585553	-1.70779	0.130806	0.691274	-1.4466	0.0150252	1.96686	1.96686	0.242759	0.758332	-1.31868	5.22602	4.23864	0.720946	1
cg25473438	TREML2	0.0209575	0.956762	0.984433	-1.01581	0.589242	1.17086	1.17086	0.000783772	0.23003	-4.34726	0.161561	0.648826	-1.54124	0.0138974	0.415009	-2.40958	0.847093	0.945667	-1.05745	0.875058	1.04659	1.04659	0.0484671	0.52081	-1.92009	0.282094	0.723641	-1.3819	4.63023	6.14078	1.17888	1
cg11290720	TREML2	0.0324343	0.846307	0.943108	-1.06032	0.444266	1.26543	1.26543	0.00850934	0.362907	-2.75553	0.178761	0.649748	-1.53906	0.0685235	0.540369	-1.85059	0.65171	1.14701	1.14701	0.0100054	2.66855	2.66855	0.878497	1.04726	1.04726	0.169704	0.643068	-1.55505	3.97464	5.73526	1.28263	1
cg26928682	TREML2;TREML2	0.00184992	0.0701565	0.685767	-1.45822	0.327009	0.828167	-1.20749	0.000154217	0.298713	-3.34769	0.000669172	0.379121	-2.63768	0.0427962	0.647617	-1.54412	0.33967	0.832465	-1.20125	0.257259	0.802277	-1.24645	0.00132273	0.418814	-2.38769	0.00551166	0.506724	-1.97346	9.86317	5.42335	0.488764	1
cg08956463	TREML2;TREML2	0.00309818	0.0420104	0.631538	-1.58344	0.661317	1.09032	1.09032	0.00252431	0.439341	-2.27614	0.0507921	0.646309	-1.54725	0.058841	0.657997	-1.51976	0.295333	1.23721	1.23721	0.000907984	0.377864	-2.64645	0.064804	1.50197	1.50197	0.00308533	0.451854	-2.2131	8.47664	5.16489	0.541607	1
cg01442943	TREML2P	9.37E-05	0.0380184	0.720834	-1.38728	0.0176197	1.48142	1.48142	0.000138226	0.407947	-2.4513	2.50E-05	0.319899	-3.12599	0.150701	0.810893	-1.23321	0.000805857	0.502512	-1.99	0.00106569	1.93145	1.93145	0.0229749	0.690612	-1.44799	0.00528855	0.606319	-1.6493	22.53	6.60931	0.260761	1
cg16808387	TREML2P	0.000220447	0.817122	1.05345	1.05345	0.000112899	0.217711	-4.59325	0.0235874	0.544611	-1.83617	0.00118186	0.343251	-2.91332	1.25E-05	0.126517	-7.9041	0.868873	1.03784	1.03784	0.0176554	0.522668	-1.91326	0.65668	0.904328	-1.10579	0.00177545	0.367763	-2.71914	17.8921	14.3183	0.711341	1
cg24749265	TREML2P	0.000906348	0.340964	1.47008	1.47008	0.000916948	0.142947	-6.99561	0.0169311	0.318601	-3.13872	0.00905411	0.271836	-3.67869	0.000537797	0.120736	-8.28253	0.00446496	0.225586	-4.43289	0.00111358	0.151697	-6.59207	0.000557733	0.122169	-8.1854	0.00590775	0.243136	-4.11292	12.0987	29.5441	2.1706	1
cg10779336	TREML2P	0.0449771	0.426078	0.716408	-1.39585	0.307856	0.648472	-1.54209	0.00422872	0.207731	-4.81393	0.720817	0.863076	-1.15865	0.0447149	0.388437	-2.57442	0.00775248	0.245795	-4.06844	0.269703	0.623973	-1.60263	0.038421	0.3737	-2.67594	0.344199	0.670437	-1.49156	3.5262	9.40399	2.37057	1
cg05143424	TREML3	0.000404258	0.990759	0.997855	-1.00215	0.119477	0.73107	-1.36786	0.00014377	0.296838	-3.36884	0.000163349	0.303516	-3.29472	0.000120047	0.287507	-3.47817	0.0654748	0.681587	-1.46716	0.331864	0.830592	-1.20396	0.0315864	0.626662	-1.59576	0.000484416	0.362629	-2.75764	15.1559	8.25156	0.483952	1
cg05475010	TREML3	0.000414211	6.68E-05	0.38363	-2.60668	0.250094	1.17071	1.17071	0.00194735	0.562918	-1.77646	0.564547	0.92647	-1.07937	0.00023062	0.448504	-2.22964	0.0208169	1.44027	1.44027	0.00336452	0.592682	-1.68724	0.128602	0.806233	-1.24034	0.366056	0.885345	-1.1295	15.0545	4.10013	0.242091	1
cg15781819	TREML4	0.000802765	0.0897843	0.751715	-1.33029	0.0143959	1.5846	1.5846	0.000786163	0.460888	-2.16973	0.0339089	0.685291	-1.45923	0.00024106	0.395721	-2.52703	0.956931	1.00828	1.00828	0.00375755	1.81654	1.81654	0.0432403	0.701283	-1.42596	0.718515	0.946261	-1.05679	12.5199	4.61773	0.327849	1
cg25535435	TREML4	0.00172424	0.000582395	0.277013	-3.60994	0.0807089	1.59602	1.59602	0.00185979	0.34445	-2.90318	0.782027	0.935248	-1.06923	0.457808	1.2002	1.2002	0.00342123	0.382908	-2.61159	0.0013277	0.3241	-3.08546	0.35381	0.794329	-1.25892	0.0239044	0.521798	-1.91645	10.0664	9.28773	0.820127	1
cg01552173	TREML4	0.0100912	0.505759	0.770192	-1.29838	0.367805	0.699252	-1.4301	0.168467	0.566938	-1.76386	0.310558	0.666471	-1.50044	0.000593401	0.128629	-7.77428	0.0901655	0.485683	-2.05896	0.673092	1.17834	1.17834	0.00140085	0.167043	-5.98649	0.832855	1.08516	1.08516	5.89347	13.9588	2.10536	1
cg26581228	TRERF1	4.74E-06	9.61E-06	0.56286	-1.77664	0.00011168	0.663944	-1.50615	1.71E-07	0.377992	-2.64556	0.000158506	0.677452	-1.47612	0.0111694	0.825524	-1.21135	0.00660817	0.808486	-1.23688	0.00010876	0.662913	-1.50849	0.0149877	1.1976	1.1976	0.00293827	0.781708	-1.27925	49.2204	2.83367	0.0511743	1
cg24190039	TRERF1	7.39E-05	0.0476578	0.711082	-1.40631	0.00597119	0.582109	-1.71789	7.08E-06	0.224277	-4.45877	0.00997092	0.612693	-1.63214	0.44547	0.889504	-1.12422	0.0213505	0.659396	-1.51654	3.57E-05	0.301062	-3.32157	0.186859	1.23446	1.23446	5.53E-05	0.323153	-3.09451	24.0032	8.61609	0.319072	1
cg02173782	TRERF1	0.000153002	0.00483144	0.625791	-1.59798	0.115054	0.806648	-1.2397	3.04E-05	0.359835	-2.77905	0.0038845	0.614094	-1.62841	1.46E-05	0.322944	-3.09652	0.626067	1.06351	1.06351	0.243154	1.1655	1.1655	0.0203331	0.704179	-1.42009	0.0028749	0.598006	-1.67222	19.7511	4.91874	0.221366	1
cg24705010	TRERF1	0.000467067	0.691267	1.04723	1.04723	0.0691795	0.79052	-1.26499	2.41E-05	0.377862	-2.64647	0.802256	0.971407	-1.02944	?	?	?	0.268792	1.14243	1.14243	0.0958872	1.23545	1.23545	0.070639	1.26309	1.26309	0.00113482	0.574892	-1.73946	14.919	2.80729	0.188169	1
cg00199091	TRERF1	0.00114405	0.0177404	0.583063	-1.71508	0.0205123	1.68584	1.68584	0.00438522	2.03773	2.03773	0.0272414	1.63053	1.63053	0.00851291	0.533531	-1.87431	0.00806972	0.530019	-1.88673	0.0059589	1.95958	1.95958	0.0375005	1.57084	1.57084	0.0212691	0.595719	-1.67864	11.3249	6.27872	0.492813	1
cg04753163	TRERF1	0.0032185	0.0459858	0.508364	-1.96709	0.0260057	0.457668	-2.18499	0.0279209	0.46373	-2.15643	0.00145215	0.256437	-3.8996	0.000373591	0.185726	-5.38429	0.232387	0.690401	-1.44843	0.00691497	0.35554	-2.81262	0.92932	0.974097	-1.02659	0.00256907	0.290331	-3.44435	8.38105	11.6161	1.23199	1
cg07006183	TRERF1	0.00391683	0.022528	0.731427	-1.36719	0.11448	0.821597	-1.21714	0.0142947	0.707646	-1.41314	0.0797301	0.800439	-1.24931	0.319959	0.889018	-1.12484	0.793543	1.03048	1.03048	0.000278247	1.97538	1.97538	0.160764	0.842411	-1.18707	0.688339	0.954894	-1.04724	7.90235	1.63989	0.184461	1
cg09103187	TRERF1	0.00622553	0.0181108	0.315601	-3.16856	0.953322	0.976753	-1.0238	0.0471792	0.401493	-2.4907	0.048928	0.405155	-2.46819	0.00135868	0.15433	-6.47963	0.00370791	0.206908	-4.83308	0.00421471	0.214438	-4.66336	0.482779	0.750799	-1.33191	0.00429249	0.215529	-4.63976	6.86048	17.5427	2.27295	1
cg20840540	TRERF1	0.00747936	0.0412745	0.724926	-1.37945	0.50952	0.912627	-1.09574	0.00546849	0.60698	-1.6475	0.117246	1.26176	1.26176	0.0448631	0.730073	-1.36973	0.618495	1.07101	1.07101	0.17256	0.820064	-1.21942	0.279416	0.857563	-1.16609	0.000459038	0.470598	-2.12496	6.4796	1.91618	0.262867	1
cg18424449	TRERF1	0.0106554	0.261432	0.69045	-1.44833	0.0712816	1.89113	1.89113	0.0107649	2.755	2.755	0.00200244	0.251715	-3.97275	0.0268831	0.436442	-2.29126	0.848991	1.06214	1.06214	0.1779	0.635839	-1.57272	0.168627	0.628795	-1.59034	0.502362	0.806284	-1.24026	5.79153	9.17581	1.40831	1
cg10575547	TRERF1	0.0140073	0.700828	0.90258	-1.10794	0.0881941	1.64794	1.64794	0.0434491	0.539789	-1.85258	0.0489439	0.550491	-1.81656	0.0350398	0.520959	-1.91954	0.410516	0.799755	-1.25038	0.00667896	0.392859	-2.54544	0.119101	0.638198	-1.56691	0.00230236	0.322715	-3.09871	5.29898	5.91616	0.992418	1
cg16597079	TRERF1	0.0204815	0.0446516	0.380117	-2.63077	0.00156255	0.148508	-6.73364	0.030953	0.345444	-2.89483	0.337052	0.660147	-1.51481	0.0211541	0.312526	-3.19973	0.0801935	0.4429	-2.25784	0.0104852	0.258826	-3.86359	0.04862	0.388643	-2.57305	0.150408	0.523729	-1.90939	4.66664	13.0119	2.47847	1
cg17399647	TRERF1	0.030335	0.333124	1.33675	1.33675	0.806481	1.07396	1.07396	0.00379168	0.321304	-3.11232	0.329693	1.33969	1.33969	0.00623562	0.354721	-2.81912	0.276815	0.719762	-1.38935	0.283855	1.38221	1.38221	0.841111	0.943316	-1.06009	0.499262	0.819225	-1.22067	4.07074	5.44903	1.18985	1
cg09762907	TRERF1	0.0386767	0.0146705	0.34704	-2.88151	0.0458388	0.446503	-2.23963	0.00788253	0.300985	-3.32243	0.848117	0.93469	-1.06987	0.00982995	0.316786	-3.1567	0.348395	0.711723	-1.40504	0.580539	0.821511	-1.21727	0.910046	1.04061	1.04061	0.0723885	0.493494	-2.02637	3.72895	7.32803	1.74682	1
cg01506917	TRERF1	0.0424058	0.0131459	0.168808	-5.92388	0.0814527	0.32715	-3.0567	0.456098	0.644579	-1.5514	0.157021	0.416591	-2.40044	0.0193218	0.194593	-5.13893	0.147429	0.406838	-2.45798	0.00457956	0.112598	-8.88113	0.0962885	0.34765	-2.87646	0.0738056	0.315694	-3.16763	3.60444	19.1086	4.71236	1
cg14173400	TRERF1	0.0429433	0.0035982	0.515579	-1.93957	0.441765	1.1409	1.1409	0.796623	1.04436	1.04436	0.0268458	0.643595	-1.55377	0.0779313	0.719497	-1.38986	0.265684	0.822896	-1.21522	0.260759	1.21789	1.21789	0.379922	0.85953	-1.16343	0.61184	1.08981	1.08981	3.58761	1.60476	0.397606	1
cg07507418	TRERF1	0.0496238	0.967123	1.01111	1.01111	0.284872	0.742431	-1.34693	0.00812325	0.403116	-2.48068	0.4849	0.826723	-1.2096	0.0240247	0.485926	-2.05793	0.126083	0.641628	-1.55853	0.97859	0.992831	-1.00722	0.0882407	1.65586	1.65586	0.0624354	0.569935	-1.75459	3.39787	3.8682	1.01193	1
cg21788755	TREX1;TREX1	0.0109198	0.0034489	0.409674	-2.44096	0.421675	1.20254	1.20254	0.423034	1.20186	1.20186	0.746105	0.929604	-1.07573	0.00698683	0.456615	-2.19003	0.193346	0.733977	-1.36244	0.00210751	0.378485	-2.64212	0.0400392	0.586721	-1.70439	0.411994	0.828219	-1.20741	5.74605	4.59456	0.710759	1
cg26029997	TREX1;TREX1;TREX1;TREX1	0.00532326	?	?	?	0.385449	0.619973	-1.61297	0.0216359	0.218753	-4.57137	0.000292065	0.0323292	-30.9318	?	?	?	0.00938048	0.160082	-6.24681	0.0533716	0.301666	-3.31493	0.9515	1.03309	1.03309	0.917859	1.05677	1.05677	8.6987	30.0534	3.45493	1
cg09692335	TREX1;TREX1;TREX1;TREX1	0.038153	0.401578	0.872444	-1.14621	0.0486813	1.4303	1.4303	0.0195202	1.5662	1.5662	0.0213029	1.55252	1.55252	0.525396	0.902774	-1.1077	0.0548193	1.41364	1.41364	0.070326	0.725034	-1.37925	0.997846	1.00043	1.00043	0.350455	1.16504	1.16504	3.74762	1.49945	0.355651	1
cg18520280	TREX2	0.00694936	0.69751	1.06307	1.06307	0.00087137	0.457468	-2.18594	0.0230798	0.653465	-1.5303	0.0489388	0.703228	-1.42201	0.00248241	0.517621	-1.93191	0.581943	1.09097	1.09097	0.138285	1.28388	1.28388	0.206807	0.811814	-1.23181	0.16742	0.794187	-1.25915	6.63011	2.57479	0.345199	1
cg04290766	TREX2	0.00873671	0.525737	1.23585	1.23585	0.00171483	0.228985	-4.3671	0.0149446	0.37322	-2.67939	0.0259133	0.41857	-2.38909	0.0202406	0.397684	-2.51456	0.0418362	2.16531	2.16531	0.215227	1.53669	1.53669	0.876803	0.950191	-1.05242	0.704794	0.882183	-1.13355	6.17017	10.5996	1.52701	1
cg20431201	TREX2	0.0139944	0.50569	1.21489	1.21489	0.0310857	0.482198	-2.07384	0.0119165	0.404731	-2.47078	0.0377937	0.499411	-2.00236	0.0873397	0.580398	-1.72295	0.463073	1.24022	1.24022	0.0789931	1.75448	1.75448	0.0161431	2.33581	2.33581	0.121953	0.616811	-1.62124	5.30059	6.97432	1.16957	1
cg05999377	TREX2	0.0162844	0.378008	1.37527	1.37527	0.00175042	0.207752	-4.81344	0.00557088	0.277286	-3.60638	0.907141	1.04196	1.04196	0.0260222	0.394296	-2.53616	0.606979	0.832945	-1.20056	0.49663	0.784152	-1.27526	0.232779	1.55393	1.55393	0.196917	0.618413	-1.61704	5.04134	9.90899	1.74715	1
cg09364317	TREX2	0.021047	0.0352052	0.420344	-2.37901	0.403104	0.739119	-1.35296	0.385177	0.730114	-1.36965	0.0330181	0.414453	-2.41282	0.00154295	0.200047	-4.99883	0.60134	0.830067	-1.20472	0.0036518	0.249311	-4.01106	0.150687	0.580312	-1.72321	0.223283	0.636295	-1.5716	4.6235	9.14049	1.7573	1
cg18879010	TREX2	0.0420871	0.104353	0.503593	-1.98573	0.139452	0.540913	-1.84873	0.0692484	0.455959	-2.19318	0.139004	0.54048	-1.85021	0.0576603	0.436322	-2.29189	0.150687	0.551491	-1.81327	0.00324201	0.211961	-4.71785	0.0100168	0.28475	-3.51186	0.112776	0.513258	-1.94834	3.61455	8.54624	2.10169	1
cg07206010	TREX2	0.0485415	0.407674	0.494382	-2.02273	0.937552	1.06734	1.06734	0.0660143	0.179896	-5.55877	0.665112	1.43654	1.43654	0.0021264	0.0275688	-36.2729	0.723674	0.744341	-1.34347	0.0364403	0.132328	-7.55696	0.0742917	0.191258	-5.22855	0.63109	0.668703	-1.49543	3.4264	37.5416	9.73916	1
cg02198544	TREX2;TREX2	0.00893155	0.294051	1.31485	1.31485	0.084016	0.618266	-1.61743	0.0172465	0.482066	-2.07441	0.41416	0.810626	-1.23361	0.0173922	0.482714	-2.07162	0.142206	1.48709	1.48709	0.00308436	2.76953	2.76953	0.0884931	1.60424	1.60424	0.185036	1.42408	1.42408	6.1272	6.13832	0.890503	1
cg25775033	TREX2;TREX2	0.0357072	0.479859	1.25059	1.25059	0.00456046	0.308465	-3.24185	0.0362072	0.468459	-2.13466	0.681844	0.87956	-1.13693	0.076575	0.54156	-1.84652	0.130656	1.66231	1.66231	0.148734	1.61962	1.61962	0.701766	1.12726	1.12726	0.738519	1.10994	1.10994	3.8392	5.89408	1.36465	1
cg15120497	TRH	0.000405673	0.463127	1.13176	1.13176	0.457555	1.13358	1.13358	0.701603	0.938187	-1.06589	0.254219	1.21814	1.21814	0.119547	1.32306	1.32306	0.3031	1.19338	1.19338	0.544284	1.10707	1.10707	4.92E-06	0.177732	-5.62646	0.243673	0.816953	-1.22406	15.1413	6.5871	0.386705	1
cg15109144	TRH	0.000908436	0.0258349	2.05333	2.05333	0.160121	1.50384	1.50384	0.931061	1.0238	1.0238	0.709441	1.10712	1.10712	2.18E-05	0.0982821	-10.1748	0.0563582	0.555743	-1.79939	0.505612	1.20158	1.20158	0.0296459	0.498546	-2.00583	0.0902589	0.601964	-1.66123	12.0908	14.1544	1.0406	1
cg17173166	TRH	0.00474612	0.147897	1.34935	1.34935	0.657633	1.0899	1.0899	0.24722	1.26303	1.26303	0.869957	0.968872	-1.03213	0.0208788	1.71018	1.71018	0.81628	1.04594	1.04594	0.0807776	1.45317	1.45317	0.000168655	0.29071	-3.43986	0.52925	1.13091	1.13091	7.45609	4.39893	0.524426	1
cg21217577	TRH	0.0126963	0.0185839	13.2406	13.2406	0.0439156	8.13445	8.13445	0.182774	3.59578	3.59578	0.12741	4.44664	4.44664	0.0190091	13.0699	13.0699	0.0963135	5.2222	5.2222	0.000952977	86.2343	86.2343	0.00475269	29.7811	29.7811	0.0420897	8.33101	8.33101	5.4722	71.0141	11.5353	1
cg09710364	TRH	0.0149528	0.343426	0.639968	-1.56258	0.349775	0.643937	-1.55295	0.0397731	0.33719	-2.96569	0.479517	0.719845	-1.38919	0.0341638	0.322918	-3.09676	0.30875	0.617702	-1.6189	0.000270985	0.0651927	-15.3391	0.626155	0.798908	-1.25171	0.0548815	0.369479	-2.70652	5.1861	17.1773	2.94416	1
cg05835982	TRH	0.0207567	0.0298621	10.3668	10.3668	0.0495871	7.76746	7.76746	0.151591	4.0792	4.0792	0.0702282	6.3722	6.3722	0.0204816	12.8734	12.8734	0.179318	3.68864	3.68864	0.00141848	68.4266	68.4266	0.0110219	18.5035	18.5035	0.0868615	5.64262	5.64262	4.64546	61.6067	11.7882	1
cg00414292	TRH	0.0321201	0.0354776	6.12349	6.12349	0.0635365	4.68395	4.68395	0.180996	2.86117	2.86117	0.120588	3.47692	3.47692	0.0266797	6.98513	6.98513	0.162197	3.01797	3.01797	0.00298196	20.4022	20.4022	0.0146775	9.24023	9.24023	0.0473582	5.36168	5.36168	3.98853	34.6076	7.7127	1
cg22931604	TRH	0.0352188	0.0640897	6.63541	6.63541	0.0716906	6.22722	6.22722	0.182827	3.61691	3.61691	0.121511	4.60318	4.60318	0.0344802	9.41929	9.41929	0.275386	2.80671	2.80671	0.00373324	35.2212	35.2212	0.00907633	20.3985	20.3985	0.0417454	8.45385	8.45385	3.85842	50.545	11.6444	1
cg05013728	TRH	0.0477715	0.0455934	20.5182	20.5182	0.0178338	44.5133	44.5133	0.105476	10.2891	10.2891	0.296639	4.16288	4.16288	0.190327	6.22116	6.22116	0.339431	3.66092	3.66092	0.00569008	119.113	119.113	0.013427	56.5277	56.5277	0.19332	6.13657	6.13657	3.44718	94.8393	24.4552	1
cg18862481	TRH;TRH	0.0342064	0.0340401	21.3252	21.3252	0.0810709	10.9377	10.9377	0.0782914	11.2369	11.2369	0.0849218	10.5516	10.5516	0.0229952	28.8863	28.8863	0.189066	5.58915	5.58915	0.00274421	166.044	166.044	0.0330397	21.8211	21.8211	0.0588924	13.9937	13.9937	3.89932	94.4694	21.5353	1
cg22512438	TRH;TRH	0.0446902	0.031103	34.9891	34.9891	0.0648734	18.4104	18.4104	0.0388991	28.771	28.771	0.126542	10.198	10.198	0.0139139	71.4461	71.4461	0.331347	4.08854	4.08854	0.00659742	141.982	141.982	0.0468422	24.4639	24.4639	0.268903	5.04202	5.04202	3.53465	110.51	27.7908	1
cg21821656	TRHDE	4.49E-05	0.202128	0.794924	-1.25798	0.432191	1.14637	1.14637	9.86E-05	0.307784	-3.24903	0.000414635	0.384942	-2.59779	5.84E-06	0.176188	-5.67577	0.00509171	0.532103	-1.87933	0.000241678	0.355276	-2.81471	0.305178	1.19835	1.19835	4.86E-05	0.271979	-3.67676	27.3871	12.5968	0.408849	1
cg14023589	TRHDE	0.000109884	0.870394	1.03318	1.03318	0.0235331	0.582316	-1.71728	0.00966266	0.519627	-1.92446	0.00139332	0.396169	-2.52417	0.132775	0.723064	-1.383	0.387078	0.837577	-1.19392	1.16E-06	0.0803767	-12.4414	0.815496	1.04784	1.04784	0.197475	0.761585	-1.31305	21.5889	13.6653	0.562649	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01517148	TRHDE	0.0263699	0.477361	1.18805	1.18805	0.185823	0.715629	-1.39737	0.0786701	1.59331	1.59331	0.978205	0.993505	-1.00654	0.00156226	0.338193	-2.95689
cg14905634	TRHDE	0.0378854	0.270524	0.633813	-1.57775	0.0238635	0.342452	-2.92012	0.00491851	0.227427	-4.39702	0.951339	0.976035	-1.02455	0.499523	0.761515	-1.31317
cg21155973	TRHDE	0.0403851	0.14937	2.33125	2.33125	0.341047	0.584408	-1.71113	0.892318	0.928529	-1.07697	0.0743325	0.336674	-2.97023	0.411378	1.58389	1.58389
cg08193273	TRHR	0.00166936	0.00552788	0.253768	-3.9406	0.000392924	0.119551	-8.36462	0.00688684	0.268284	-3.7274	0.483938	0.765266	-1.30674	0.000174909	0.0912093	-10.9638
cg12484411	TRHR	0.0132545	0.988245	0.998103	-1.0019	0.133854	0.811876	-1.23172	0.0753487	0.774745	-1.29075	0.449891	0.905517	-1.10434	0.150798	1.21955	1.21955
cg22268164	TRHR	0.0156159	0.214768	1.36757	1.36757	0.10726	1.52409	1.52409	0.00648282	0.428156	-2.3356	0.408368	1.2247	1.2247	0.62747	0.889388	-1.12437
cg14839014	TRHR	0.0417872	0.230727	0.843646	-1.18533	0.0379631	0.722249	-1.38456	0.015607	0.669688	-1.49323	0.188052	1.2076	1.2076	0.988539	0.998059	-1.00194
cg19615651	TRIAP1	0.000975985	0.000694608	0.116967	-8.5494	0.00327777	0.189827	-5.26794	0.438868	0.720806	-1.38734	0.00484533	0.212428	-4.70748	0.000275592	0.084628	-11.8164
cg00850840	TRIAP1;GATC	1.61E-05	0.0546068	0.608703	-1.64284	0.0323187	0.565157	-1.76942	0.485702	0.851045	-1.17503	0.0887137	0.652122	-1.53346	0.00165462	0.358748	-2.78747
cg16021483	TRIAP1;GATC	0.00177169	0.283402	1.46913	1.46913	0.362172	1.38164	1.38164	0.0082147	0.311284	-3.2125	0.169315	1.65759	1.65759	0.2412	0.654786	-1.52722
cg20210501	TRIAP1;GATC	0.0144138	?	?	?	0.847333	0.908317	-1.10094	0.110577	0.408641	-2.44714	0.0420439	3.42784	3.42784	0.440747	0.673786	-1.48415
cg27486582	TRIAP1;GATC	0.0388001	0.300032	0.823549	-1.21426	0.512231	0.886789	-1.12766	0.15051	1.32122	1.32122	0.00185767	0.450071	-2.22187	0.344599	1.1924	1.1924
cg01555408	TRIB1	0.000268633	0.144123	1.39421	1.39421	0.45892	0.852383	-1.17318	0.0102381	1.98483	1.98483	0.0878883	1.49023	1.49023	0.860402	1.03799	1.03799
cg11059651	TRIB1	0.000764711	0.422492	1.12856	1.12856	0.0960884	1.30966	1.30966	0.535779	1.09698	1.09698	5.92E-05	0.33385	-2.99536	0.033468	1.44305	1.44305
cg00627621	TRIB1	0.00262297	0.0171354	1.73675	1.73675	0.0484024	0.673895	-1.48391	0.00131479	0.324204	-3.08448	?	?	?	0.0327962	0.637497	-1.56863
cg02519415	TRIB1	0.00763198	0.857132	0.976075	-1.02451	0.0751284	1.30514	1.30514	0.000579451	2.04474	2.04474	0.253461	0.851914	-1.17383	0.81212	1.03252	1.03252
cg09504829	TRIB1	0.0076458	0.912015	0.957761	-1.0441	0.934405	0.968372	-1.03266	0.00141101	6.81141	6.81141	0.00139852	0.146372	-6.83193	0.892911	1.054	1.054
cg02700454	TRIB1	0.0117715	0.33432	0.790695	-1.26471	0.834975	1.05043	1.05043	0.271294	1.31011	1.31011	0.627446	0.891056	-1.12226	0.0116576	2.10329	2.10329
cg04444761	TRIB1	?	?	3.04765	3.04765	?	?	?	?	?	?	?	?	?	?	?	?
cg05316555	TRIB1;TRIB1	0.000426056	0.89886	1.02289	1.02289	0.00697055	1.91108	1.91108	0.0267458	1.61585	1.61585	0.0220393	1.65384	1.65384	?	?	?
cg09689296	TRIB2;TRIB2	1.48E-05	0.0101603	1.64561	1.64561	0.0172413	1.56176	1.56176	0.0131613	0.623535	-1.60376	0.765549	0.955089	-1.04702	0.0135324	0.625251	-1.59936
cg04699104	TRIB2;TRIB2	3.92E-05	0.0145162	0.271044	-3.68944	0.00730407	4.48041	4.48041	0.0272726	3.10361	3.10361	6.90E-06	0.0132943	-75.2202	0.0369415	0.349759	-2.85912
cg14865868	TRIB2;TRIB2	0.00955899	0.0414468	0.485448	-2.05995	0.0332612	0.465454	-2.14844	0.00911313	0.361266	-2.76804	0.0194587	0.419754	-2.38235	0.0144154	0.39583	-2.52634
cg15241074	TRIB2;TRIB2	0.0144078	0.00600848	0.242774	-4.11905	0.0135399	0.299691	-3.33677	0.0860509	0.473327	-2.1127	0.0905829	0.479378	-2.08603	0.138609	0.533299	-1.87512
cg06200244	TRIB2;TRIB2	0.0268962	0.0123667	0.33919	-2.9482	0.12002	0.5568	-1.79598	0.264399	0.667739	-1.49759	0.819194	0.923588	-1.08273	0.229786	0.645672	-1.54877
cg18517516	TRIB2;TRIB2	0.0283522	?	?	?	?	?	?	0.377407	1.68924	1.68924	0.0671028	0.282979	-3.53384	0.0595609	0.268609	-3.72289
cg24966406	TRIB3	0.000216953	0.0214808	0.601212	-1.66331	0.0551282	1.49261	1.49261	0.26026	0.805496	-1.24147	8.73E-06	0.168851	-5.92237	0.0350621	0.636153	-1.57195
cg00950038	TRIB3	0.00180604	0.00027209	0.226389	-4.41717	0.000136902	0.193517	-5.16751	0.337591	1.27905	1.27905	0.0608696	0.590962	-1.69216	0.0553538	0.582341	-1.71721
cg07115304	TRIB3	0.00675904	0.795933	0.959969	-1.0417	0.680092	0.93673	-1.06754	0.0604284	0.716213	-1.39623	0.98409	1.00315	1.00315	0.0579179	0.713241	-1.40205
cg01704877	TRIB3	0.00686811	0.676583	1.06237	1.06237	0.00027668	2.35944	2.35944	0.0925871	1.30595	1.30595	0.0135426	0.643586	-1.55379	0.979748	0.996346	-1.00367
cg05067973	TRIB3	0.0242902	0.166282	0.815058	-1.22691	0.000947971	1.97927	1.97927	0.845473	1.0274	1.0274	0.11958	0.791371	-1.26363	0.747226	0.956187	-1.04582
cg00361495	TRIL	1.69E-05	0.160997	0.469276	-2.13094	0.000986138	11.8772	11.8772	0.00123673	10.8724	10.8724	0.78699	0.872086	-1.14668	0.0781654	0.371979	-2.68833
cg24222995	TRIL	0.000275033	0.865041	0.913359	-1.09486	0.0209334	4.39415	4.39415	0.0544956	3.19711	3.19711	0.983609	0.989115	-1.011	0.844805	0.900856	-1.11006
cg03366850	TRIL	0.00200403	0.00548856	0.396987	-2.51898	0.00024738	0.216267	-4.62392	0.198481	0.709034	-1.41037	0.065932	0.59331	-1.68546	0.00510086	0.392015	-2.55092
cg14882669	TRIL	0.00200739	0.389069	0.526838	-1.89812	0.00980997	10.7006	10.7006	0.0489943	5.11359	5.11359	0.0184238	7.97227	7.97227	0.509078	0.614895	-1.62629
cg10099601	TRIL	0.00200931	0.0146907	0.344038	-2.90665	0.000462174	0.141205	-7.0819	0.00704459	0.290125	-3.44679	0.180567	0.603446	-1.65715	0.00214419	0.216184	-4.6257
cg00455526	TRIL	0.00226057	0.530975	0.545684	-1.83256	0.0727884	6.7549	6.7549	0.190092	3.76023	3.76023	0.0176701	15.7095	15.7095	0.174528	0.251974	-3.96866
cg07255674	TRIL	0.00321718	0.568857	0.614675	-1.62688	0.0330697	8.21647	8.21647	0.105127	4.46627	4.46627	0.0577726	6.12956	6.12956	0.596691	0.636774	-1.57042
cg15444947	TRIL	0.00624182	0.436823	0.419782	-2.38219	0.00910687	37.5564	37.5564	0.0907624	7.68347	7.68347	0.0276206	17.2878	17.2878	0.359105	0.356342	-2.80629
cg02624770	TRIL	0.00882792	0.84239	0.82537	-1.21158	0.00632898	30.791	30.791	0.0563315	8.03116	8.03116	0.0231024	13.7192	13.7192	0.30483	0.359005	-2.78548
cg24426072	TRIL	0.0128019	0.730955	0.677959	-1.47502	0.0395515	14.5947	14.5947	0.138963	6.00964	6.00964	0.0471304	12.9105	12.9105	0.330596	0.322896	-3.09698
cg10479082	TRIL	0.0159735	0.687195	0.586145	-1.70606	0.0342549	26.0416	26.0416	0.157171	7.36318	7.36318	0.0394965	23.1688	23.1688	0.182451	0.154545	-6.4706
cg24853724	TRIL	0.0202833	0.27694	0.357668	-2.79589	0.0201868	12.7714	12.7714	0.09856	5.19179	5.19179	0.103756	5.04088	5.04088	0.202047	0.293826	-3.40337
cg14996783	TRIL	0.0242195	0.846247	0.743435	-1.34511	0.0316493	46.8767	46.8767	0.139222	11.3636	11.3636	0.0303526	48.7828	48.7828	0.310985	0.201725	-4.95724
cg22348673	TRIL;TRIL	0.0279135	0.0119068	0.786604	-1.27129	0.408838	0.937441	-1.06673	0.378168	0.933189	-1.07159	0.275376	1.09066	1.09066	0.98704	1.00124	1.00124
cg03797906	TRIL;TRIL	0.033747	0.0343	0.275417	-3.63086	0.0306248	0.265441	-3.76732	0.574132	0.743401	-1.34517	0.170581	0.466703	-2.14269	0.0119451	0.194371	-5.1448
cg24329658	TRIM10;TRIM10	1.21E-06	0.00517454	1.46807	1.46807	0.000540038	1.75012	1.75012	2.73E-06	0.309775	-3.22815	0.347852	0.90435	-1.10577	0.394971	0.913363	-1.09485
cg01748268	TRIM10;TRIM10	9.03E-06	1.02E-05	0.140713	-7.10664	0.000561358	0.329719	-3.03289	0.000186442	0.270215	-3.70076	0.00182222	0.398873	-2.50706	4.33E-06	0.110919	-9.01558
cg11553183	TRIM10;TRIM10	9.50E-06	2.87E-06	0.238703	-4.18931	4.07E-05	2.72385	2.72385	0.00303833	0.594646	-1.68167	0.351558	0.884518	-1.13056	0.0018358	0.567547	-1.76197
cg18267047	TRIM10;TRIM10	1.01E-05	0.0298454	1.82856	1.82856	0.0164178	0.500353	-1.99859	2.12E-05	0.132368	-7.5547	?	?	?	2.08E-05	0.13172	-7.59185
cg20624137	TRIM10;TRIM10	2.20E-05	0.100995	0.606864	-1.64782	0.0029606	0.321624	-3.10922	0.000152062	0.164162	-6.09154	3.69E-05	0.109981	-9.0925	8.87E-05	0.141982	-7.04314
cg05762309	TRIM10;TRIM10	6.88E-05	0.825058	0.959595	-1.04211	0.480226	0.87486	-1.14304	0.00101513	0.403279	-2.47967	0.529075	0.887988	-1.12614	2.46E-06	0.119093	-8.39681
cg23977256	TRIM10;TRIM10	7.64E-05	0.0898095	0.696985	-1.43475	0.0845658	1.44524	1.44524	0.215574	0.777544	-1.2861	0.73065	1.06899	1.06899	6.66E-05	0.243849	-4.10089
cg00550080	TRIM10;TRIM10	0.000120468	0.477217	1.14416	1.14416	0.299647	1.22177	1.22177	0.000955749	0.399678	-2.50201	0.00901926	1.85635	1.85635	0.637475	0.91535	-1.09248
cg03769055	TRIM10;TRIM10	0.000142184	0.840691	1.02141	1.02141	0.031127	0.766243	-1.30507	0.861752	0.981822	-1.01851	0.0401157	0.779086	-1.28356	0.569286	0.941259	-1.06241
cg19495308	TRIM10;TRIM10	0.0002129	0.00705549	0.373391	-2.67816	0.268592	0.721825	-1.38538	0.00109545	0.256078	-3.90506	0.00557203	0.357002	-2.8011	0.000740752	0.234709	-4.26059
cg09016806	TRIM10;TRIM10	0.000228118	0.0275278	0.467404	-2.13948	0.00110802	0.245974	-4.06546	0.000451483	0.199168	-5.02089	0.0298034	0.474223	-2.10871	0.000190139	0.159549	-6.26766
cg27119877	TRIM10;TRIM10	0.000366438	0.487369	0.824181	-1.21333	0.0625583	1.77597	1.77597	0.00138113	0.280539	-3.56457	0.170364	0.670227	-1.49203	0.013766	0.434085	-2.3037
cg08508724	TRIM10;TRIM10	0.000592835	0.355542	0.821209	-1.21772	0.372872	1.20878	1.20878	0.0372032	0.605735	-1.65089	0.334248	0.813497	-1.22926	0.882333	1.03117	1.03117
cg16206678	TRIM10;TRIM10	0.000924746	0.000366913	0.210001	-4.76189	0.0898425	0.599672	-1.66758	0.00797419	0.394495	-2.53488	0.00256557	0.318654	-3.1382	0.00029334	0.199129	-5.02187
cg25981998	TRIM10;TRIM10	0.00104167	0.00648886	0.273803	-3.65226	0.111319	0.529944	-1.88699	0.00490872	0.255506	-3.9138	0.000263632	0.111389	-8.97757	0.044407	0.429467	-2.32847
cg18420781	TRIM10;TRIM10	0.0012207	0.0123325	0.308634	-3.24009	0.114576	0.523372	-1.91069	0.0134252	0.315069	-3.17391	0.00158615	0.180764	-5.53209	0.0107901	0.298716	-3.34766
cg05984845	TRIM10;TRIM10	0.00138835	0.661131	1.14384	1.14384	0.387308	0.763391	-1.30994	0.00669188	0.342409	-2.92049	0.0340563	0.470628	-2.12482	0.0657249	0.53302	-1.8761
cg03957649	TRIM10;TRIM10	0.00151559	0.491699	1.1244	1.1244	0.00737287	0.560056	-1.78553	7.41E-05	0.298557	-3.34944	0.870528	0.972986	-1.02776	0.17164	0.783238	-1.27675
cg08060195	TRIM10;TRIM10	0.00160024	0.822613	1.0962	1.0962	0.445654	0.727585	-1.37441	0.00478472	0.216142	-4.62659	0.00370339	0.201039	-4.97415	0.0527756	0.406343	-2.46098
cg22118082	TRIM10;TRIM10	0.0016535	0.347198	0.81765	-1.22302	0.0869954	1.48156	1.48156	0.41852	0.842035	-1.1876	0.139895	0.718668	-1.39146	0.00371865	0.442603	-2.25936
cg15641463	TRIM10;TRIM10	0.00165454	0.00492325	0.259527	-3.85316	0.200259	0.612678	-1.63218	0.000989666	0.169952	-5.88401	0.136381	0.559295	-1.78797	0.012794	0.326365	-3.06405
cg00372886	TRIM10;TRIM10	0.00170084	0.0723541	0.656237	-1.52384	0.0988224	1.46255	1.46255	0.00307551	0.426876	-2.3426	0.0557733	1.57658	1.57658	0.00052428	0.321278	-3.11257
cg18765127	TRIM10;TRIM10	0.00170739	0.92193	1.02547	1.02547	0.001234	3.36003	3.36003	0.0122528	0.449096	-2.2267	0.841192	1.05282	1.05282	0.00507991	0.386648	-2.58633
cg11079936	TRIM10;TRIM10	0.00177948	0.102622	0.433582	-2.30637	0.666921	0.816611	-1.22457	0.00624293	0.188679	-5.30002	0.0145836	0.24474	-4.08598	0.0325082	0.31005	-3.22528
cg13707358	TRIM10;TRIM10	0.00236082	0.00539652	0.141452	-7.06955	0.09603	0.376793	-2.65397	0.00715057	0.156497	-6.38991	0.546811	0.722091	-1.38487	0.00291685	0.112596	-8.88134
cg20362817	TRIM10;TRIM10	0.00306227	0.284365	1.49984	1.49984	0.478433	1.3004	1.3004	0.35399	0.706392	-1.41564	0.268257	1.52243	1.52243	0.956983	0.980531	-1.01986
cg05824482	TRIM10;TRIM10	0.00381997	0.041433	0.369644	-2.7053	0.140125	1.95757	1.95757	0.0253552	0.324713	-3.07964	0.664387	1.20289	1.20289	0.916484	0.956582	-1.04539
cg15979214	TRIM10;TRIM10	0.00428685	0.016822	0.327101	-3.05716	0.0615593	2.24054	2.24054	0.00549543	0.246996	-4.04864	0.458928	1.33494	1.33494	0.0263822	0.364688	-2.74207
cg10391909	TRIM10;TRIM10	0.00445428	0.530468	0.861951	-1.16016	0.0121826	2.07575	2.07575	0.00406474	0.405876	-2.46381	0.90569	0.972672	-1.0281	0.00333849	0.393044	-2.54424
cg16912957	TRIM10;TRIM10	0.00489657	0.061501	0.440061	-2.27241	0.303762	0.660298	-1.51447	0.0367682	0.388533	-2.57378	0.00459537	0.229918	-4.34937	0.0120777	0.295373	-3.38555
cg02638136	TRIM10;TRIM10	0.00638516	0.0470252	0.45864	-2.18036	0.790758	0.912847	-1.09547	0.00503162	0.280183	-3.5691	0.106612	0.546529	-1.82973	0.0308394	0.419171	-2.38566
cg02703235	TRIM10;TRIM10	0.00765916	0.111603	0.449059	-2.22688	0.0675278	0.388167	-2.57621	0.013596	0.243993	-4.09848	0.145002	0.485229	-2.06088	0.02158	0.279471	-3.57819
cg05793094	TRIM10;TRIM10	0.0100683	0.0176797	0.225636	-4.43192	0.00437939	0.140359	-7.1246	0.0317532	0.272834	-3.66523	0.14264	0.443491	-2.25484	0.0376991	0.288302	-3.46858
cg12251145	TRIM10;TRIM10	0.010263	0.832479	1.06386	1.06386	0.253648	1.4168	1.4168	0.00607295	0.350962	-2.84931	0.26116	0.71001	-1.40843	0.386784	0.771613	-1.29599
cg25479320	TRIM10;TRIM10	0.0113204	0.722349	0.843588	-1.18541	0.308959	0.605322	-1.65201	0.0145526	0.238159	-4.19888	0.0493227	0.343146	-2.91421	0.0655662	0.373343	-2.6785
cg17451015	TRIM10;TRIM10	0.0132356	0.0174229	0.152814	-6.54389	0.00493202	0.0892213	-11.2081	0.0691065	0.267172	-3.74291	0.062284	0.256185	-3.90342	0.0141332	0.140126	-7.13642
cg06111486	TRIM10;TRIM10	0.015826	0.0379664	2.05285	2.05285	0.0158494	2.41892	2.41892	0.0853154	0.56631	-1.76582	0.0513572	1.94087	1.94087	0.0457487	1.98298	1.98298
cg08513123	TRIM10;TRIM10	0.0167173	0.040982	2.24607	2.24607	0.0359848	0.433043	-2.30924	0.0477271	0.459914	-2.17432	0.0621097	2.05562	2.05562	0.101752	0.540865	-1.84889
cg10784143	TRIM10;TRIM10	0.0214856	0.0635526	1.30441	1.30441	0.209639	0.844976	-1.18347	0.0238273	0.709222	-1.41	0.0166706	0.689111	-1.45114	0.42869	0.902191	-1.10841
cg00436435	TRIM10;TRIM10	0.0237561	0.466719	1.61837	1.61837	0.64831	0.741936	-1.34782	0.0626938	0.256293	-3.90178	0.00149489	0.0509958	-19.6095	0.830209	1.14979	1.14979
cg05995496	TRIM10;TRIM10	0.0248723	0.00976161	0.182432	-5.48149	0.534418	0.720667	-1.3876	0.119911	0.41545	-2.40703	0.136716	0.434026	-2.30401	0.0162576	0.21653	-4.61831
cg03189075	TRIM10;TRIM10	0.0292444	0.0358287	0.308715	-3.23923	0.760007	0.8629	-1.15888	0.121933	0.446256	-2.24087	0.296269	0.593798	-1.68407	0.0196473	0.257555	-3.88267
cg04560098	TRIM10;TRIM10	0.0297389	0.609129	0.83444	-1.19841	0.0127924	0.33779	-2.96042	0.100705	0.532058	-1.87949	0.749947	0.893846	-1.11876	0.0225102	0.383232	-2.60939
cg11334822	TRIM10;TRIM10;TRIM10;TRIM10	0.00667813	0.122707	0.621209	-1.60977	0.00467634	0.342856	-2.91667	0.00455061	0.341035	-2.93225	0.0594776	0.545777	-1.83225	0.33009	0.751191	-1.33122
cg19169163	TRIM10;TRIM10;TRIM15	9.27E-05	0.104888	1.19865	1.19865	0.00510187	0.68496	-1.45994	0.00173287	0.633282	-1.57908	0.0738617	0.815699	-1.22594	5.04E-06	0.34568	-2.89285
cg12392921	TRIM10;TRIM10;TRIM15	0.00133531	0.155521	1.15912	1.15912	0.0934915	1.19631	1.19631	0.00150785	0.641324	-1.55927	0.00158201	1.55383	1.55383	0.243112	0.888095	-1.12601
cg19358805	TRIM10;TRIM10;TRIM15	0.00444445	0.774865	0.954364	-1.04782	0.00571261	0.554155	-1.80455	0.00192685	0.489184	-2.04422	0.809464	1.04013	1.04013	0.0107948	0.593563	-1.68474
cg22682215	TRIM11	0.00882602	0.0113161	0.605628	-1.65118	0.276834	0.836244	-1.19582	0.0704563	0.726383	-1.37668	0.730458	0.946786	-1.0562	0.00466954	0.55171	-1.81254
cg00213004	TRIM11	0.00954915	0.00513779	0.531303	-1.88217	0.0456112	1.48023	1.48023	0.0288138	1.55443	1.55443	0.442649	0.874642	-1.14333	0.561417	0.90441	-1.10569
cg08468679	TRIM11	0.0225955	0.599172	1.13738	1.13738	0.730537	1.08754	1.08754	0.334862	1.27302	1.27302	0.298119	0.76968	-1.29924	0.0895528	1.5751	1.5751
cg16529993	TRIM11	0.0295266	0.00210527	0.253253	-3.94863	0.163492	0.623598	-1.6036	0.0209087	0.413713	-2.41714	0.726181	0.894355	-1.11812	0.0420687	0.475296	-2.10395
cg06639387	TRIM11	0.0391694	0.434767	1.08503	1.08503	0.211522	1.1443	1.1443	0.359631	1.10126	1.10126	0.00193185	1.56728	1.56728	0.0682453	1.23255	1.23255
cg17465697	TRIM11	0.0452065	0.651365	0.900396	-1.11062	0.0896204	1.53976	1.53976	0.225953	1.34082	1.34082	0.923196	0.978004	-1.02249	0.0479717	0.593656	-1.68448
cg04219700	TRIM11	0.0485989	0.457403	1.10602	1.10602	0.0618699	1.32311	1.32311	0.0649389	1.31781	1.31781	0.677492	1.05727	1.05727	0.0150975	1.48825	1.48825
cg22111082	TRIM11;TRIM11	0.00539342	0.0132697	0.566153	-1.76631	0.00939642	1.84122	1.84122	0.385021	1.17951	1.17951	0.0137414	1.75897	1.75897	0.793354	0.952498	-1.04987
cg13585149	TRIM13;KCNRG;TRIM13;KCNRG;TRIM13;KCNRG;DLEU2;KCNRG;TRIM13	0.0118189	0.0671333	0.490757	-2.03767	0.0754482	0.503311	-1.98684	0.0429801	0.445782	-2.24325	0.161294	1.68027	1.68027	0.00251238	0.233209	-4.28799
cg06440361	TRIM13;KCNRG;TRIM13;KCNRG;TRIM13;TRIM13;DLEU2	0.0385891	0.580493	1.19521	1.19521	0.00593477	3.15656	3.15656	0.10325	1.76704	1.76704	0.888176	1.04597	1.04597	0.0566522	0.501972	-1.99214
cg12368542	TRIM13;TRIM13;TRIM13;TRIM13;DLEU2	0.015157	0.0217818	0.473596	-2.1115	0.632086	1.1399	1.1399	0.019343	2.15492	2.15492	0.0865963	1.67162	1.67162	0.0244667	0.483086	-2.07002
cg16403250	TRIM13;TRIM13;TRIM13;TRIM13;DLEU2	0.0168001	0.817612	0.982012	-1.01832	0.0468898	1.19573	1.19573	0.655949	0.96538	-1.03586	0.287037	0.916801	-1.09075	0.551305	0.95374	-1.0485
cg22825979	TRIM13;TRIM13;TRIM13;TRIM13;TRIM13;DLEU2;TRIM13;TRIM13;TRIM13	0.0404807	0.0548767	0.670813	-1.49073	0.431175	1.15874	1.15874	0.543272	1.11944	1.11944	0.104546	0.722267	-1.38453	0.0484662	0.661391	-1.51196
cg21157904	TRIM14;NANS	0.00159569	0.0640171	0.539986	-1.8519	0.195812	0.666989	-1.49928	0.554857	0.837928	-1.19342	0.735451	1.10561	1.10561	9.70E-05	0.128484	-7.78305
cg01765174	TRIM14;TRIM14;TRIM14;TRIM14	0.000202057	9.04E-05	0.0871451	-11.4751	0.00804692	0.306231	-3.2655	0.00027732	0.12567	-7.95735	0.00649383	0.291361	-3.43217	0.000699799	0.164991	-6.06094
cg19461260	TRIM14;TRIM14;TRIM14;TRIM14	0.00222793	0.0496308	1.39929	1.39929	0.000206476	2.54025	2.54025	0.766559	0.956322	-1.04567	0.166432	0.80145	-1.24774	0.127553	0.781009	-1.28039
cg13513229	TRIM14;TRIM14;TRIM14;TRIM14	0.0122919	0.283256	1.40686	1.40686	0.218844	1.48582	1.48582	0.429799	0.781323	-1.27988	0.899765	1.03934	1.03934	0.000523931	0.191061	-5.23392
cg01618660	TRIM14;TRIM14;TRIM14;TRIM14	0.0129594	0.0529098	0.637849	-1.56777	0.665267	1.09305	1.09305	0.766654	1.06271	1.06271	0.00948059	0.510761	-1.95786	0.0482567	0.63044	-1.58619
cg11317199	TRIM14;TRIM14;TRIM14;TRIM14	0.0137896	0.0225477	5.36705	5.36705	0.008991	7.71555	7.71555	0.0607994	3.66948	3.66948	0.18012	2.40022	2.40022	0.0181932	5.83374	5.83374
cg23064481	TRIM15	8.88E-07	0.000648278	0.40969	-2.44087	0.379667	0.857498	-1.16618	7.72E-06	0.187381	-5.33673	0.00050093	0.395138	-2.53076	1.58E-06	0.126827	-7.88479
cg24592546	TRIM15	1.71E-06	3.38E-05	0.199164	-5.02098	1.60E-06	0.0882409	-11.3326	0.000132156	0.264024	-3.78754	0.209166	0.766544	-1.30456	2.08E-06	0.0957582	-10.443
cg03261948	TRIM15	2.13E-05	0.506602	0.889628	-1.12407	0.000304764	2.76852	2.76852	0.00121565	0.439609	-2.27475	0.178018	1.28198	1.28198	0.000152568	0.323929	-3.0871
cg03948609	TRIM15	6.41E-05	5.86E-06	0.123569	-8.09262	0.638242	0.907352	-1.10211	3.45E-05	0.193081	-5.17917	0.000376286	0.31127	-3.21264	0.560225	0.886096	-1.12855
cg12480375	TRIM15	8.52E-05	0.079347	1.86591	1.86591	0.64108	1.16226	1.16226	0.000863155	0.201522	-4.96223	0.00100534	0.209395	-4.77567	0.125304	0.587816	-1.70121
cg03242458	TRIM15	0.000130754	0.301915	0.774628	-1.29094	0.00233748	0.362584	-2.75798	0.00449555	0.4048	-2.47035	0.0392257	0.565712	-1.76768	4.71E-05	0.160041	-6.24841
cg02772121	TRIM15	0.000132138	0.0974135	0.712658	-1.4032	0.520306	1.12904	1.12904	3.78E-06	0.133954	-7.46524	0.0525552	0.663317	-1.50758	0.00215923	0.448418	-2.23006
cg27091343	TRIM15	0.000196184	0.521811	1.11371	1.11371	0.537028	0.901508	-1.10925	7.25E-05	0.301741	-3.3141	0.0879347	1.36668	1.36668	0.00357998	0.519722	-1.9241
cg05235884	TRIM15	0.000209004	0.886436	1.01244	1.01244	0.0218644	0.788247	-1.26864	0.411175	0.929896	-1.07539	0.647402	0.960954	-1.04063	1.83E-05	0.469735	-2.12886
cg05074385	TRIM15	0.00024349	0.00536902	0.298533	-3.34971	0.0220484	0.404374	-2.47296	0.000244038	0.135404	-7.38533	0.0032793	0.266791	-3.74825	0.000825352	0.189955	-5.2644
cg12470367	TRIM15	0.000709725	0.131674	0.600454	-1.66541	0.796435	0.922168	-1.0844	0.000617403	0.191651	-5.21782	0.048512	0.493396	-2.02677	0.0249541	0.433322	-2.30775
cg24396154	TRIM15	0.00112968	0.000135642	0.183275	-5.45629	0.110499	1.56316	1.56316	0.0272444	1.95651	1.95651	0.598534	1.14622	1.14622	0.680063	0.898968	-1.11239
cg01452581	TRIM15	0.00172904	0.792033	0.937294	-1.0669	0.00112808	0.308971	-3.23655	0.000341459	0.243276	-4.11055	0.211871	1.38027	1.38027	0.34215	0.786747	-1.27106
cg22016949	TRIM15	0.00177253	0.447585	1.30974	1.30974	0.472429	0.775086	-1.29018	0.00163193	0.207383	-4.822	0.00363928	0.253746	-3.94095	0.00138707	0.198737	-5.03178
cg01905142	TRIM15	0.00179047	0.0100835	0.451615	-2.21428	0.00171683	0.334322	-2.99113	0.0455755	0.570459	-1.75297	0.0598435	1.68186	1.68186	0.00018791	0.213798	-4.67731
cg21988950	TRIM15	0.00203232	0.822033	0.932564	-1.07231	0.213757	0.666509	-1.50036	0.0162818	0.402343	-2.48544	0.138712	1.63874	1.63874	0.00300467	0.283385	-3.52877
cg01775921	TRIM15	0.00241823	0.0141176	0.505739	-1.9773	0.260563	1.30226	1.30226	0.0019658	0.373566	-2.6769	0.0352017	1.73692	1.73692	0.00851326	0.469673	-2.12914
cg11772804	TRIM15	0.00278283	0.370122	1.23486	1.23486	0.723069	1.08497	1.08497	0.00092913	0.322018	-3.10541	0.872778	1.03741	1.03741	0.445391	1.19519	1.19519
cg13252226	TRIM15	0.00288669	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12422154	TRIM15	0.00448409	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27201802	TRIM15	0.00339928	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09624858	TRIM15	0.00879399	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg09848114	TRIM15	0.00958115	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22577701	TRIM15	0.00847111	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23784132	TRIM15	0.0106642	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01517148	0.979803	0.99398	-1.00606	0.411423	1.2218	1.2218	0.54596	0.86437	-1.15691	0.0327732	0.551164	-1.81434	4.2769	3.85348	0.800887	1
cg14905634	0.26682	0.631387	-1.58381	0.00862666	0.264171	-3.78543	0.39008	1.41915	1.41915	0.144467	0.536293	-1.86465	3.75728	9.40126	2.22413	1
cg21155973	0.711748	0.816115	-1.22532	0.0143822	0.191692	-5.21669	0.0104633	5.83788	5.83788	0.533136	0.707802	-1.41282	3.67015	17.4235	4.21986	1
cg08193273	0.985218	0.993057	-1.00699	0.272167	0.650597	-1.53705	0.583842	1.23127	1.23127	0.0268368	0.372968	-2.6812	10.1611	22.7617	1.99119	1
cg12484411	0.0492512	1.33551	1.33551	0.000611075	1.97487	1.97487	0.677993	1.0553	1.0553	0.693082	1.05246	1.05246	5.39584	1.41999	0.233923	1
cg22268164	0.497489	1.17951	1.17951	0.00268289	0.369856	-2.70375	0.267196	1.31926	1.31926	0.142556	0.685361	-1.45908	5.1121	4.6518	0.808852	1
cg14839014	0.939146	0.989728	-1.01038	0.67901	0.945281	-1.05789	0.283443	0.860103	-1.16265	0.00449913	0.599227	-1.66882	3.62414	1.04968	0.257453	1
cg19615651	0.172993	0.548116	-1.82443	0.000275999	0.0846738	-11.81	0.0131394	0.2794	-3.57909	0.00473892	0.211093	-4.73725	11.8479	32.2617	2.42044	1
cg00850840	0.681473	1.09852	1.09852	1.62E-07	0.0247276	-40.4407	0.000825805	0.317657	-3.14805	0.185574	1.37658	1.37658	35.8335	29.4201	0.729798	1
cg16021483	0.0477978	2.18382	2.18382	7.20E-05	0.0824701	-12.1256	0.584757	1.2098	1.2098	0.179943	1.63481	1.63481	9.98759	18.8434	1.67705	1
cg20210501	0.00124155	15.4054	15.4054	?	?	?	0.228768	1.89845	1.89845	0.393852	0.644464	-1.55168	7.14329	20.8414	2.50082	1
cg27486582	0.130877	1.34294	1.34294	0.602988	0.909509	-1.09949	0.315428	1.20639	1.20639	0.916156	1.01922	1.01922	3.7246	1.92743	0.459988	1
cg01555408	0.9327	1.01805	1.01805	1.01E-05	0.13457	-7.43107	0.000728493	0.336909	-2.96816	0.554511	0.881073	-1.13498	16.9543	12.0446	0.631483	1
cg11059651	0.446669	1.12131	1.12131	0.00131716	0.501587	-1.99367	0.841348	0.970848	-1.03003	0.0159005	1.54636	1.54636	12.6921	4.3802	0.306767	1
cg00627621	?	?	?	?	?	?	0.00122526	0.317448	-3.15012	?	?	?	31.4668	5.39022	0.137039	1
cg02519415	0.0823002	1.29518	1.29518	0.344348	0.877313	-1.13984	0.898608	1.01728	1.01728	0.00240785	1.76486	1.76486	6.43871	1.84151	0.254227	1
cg09504829	0.0369479	0.3796	-2.63435	0.31384	0.664455	-1.50499	0.965857	0.983427	-1.01685	0.946754	1.02642	1.02642	7.37263	17.4238	1.83813	1
cg02700454	0.00163814	0.345188	-2.89697	0.709058	0.915396	-1.09242	0.0130805	0.483858	-2.06672	0.321321	1.27336	1.27336	5.60835	4.94084	0.783093	1
cg04444761	?	5.98599	5.98599	?	?	?	?	?	?	?	1.08671	1.08671	?	4.62127	0	1
cg05316555	0.00652668	0.518747	-1.92772	4.74E-05	0.218507	-4.57652	0.123025	0.740021	-1.35131	0.00794559	0.53229	-1.87868	19.088	8.33219	0.38195	1
cg09689296	0.0128896	0.62225	-1.60707	6.39E-07	0.123355	-8.10669	0.000108224	2.85328	2.85328	0.103645	1.31451	1.31451	36.6195	13.6929	0.332376	1
cg04699104	0.860091	0.926365	-1.07949	5.74E-06	0.0119505	-83.6787	0.195612	0.55246	-1.81009	0.596899	1.26035	1.26035	28.3909	84.5148	2.64607	1
cg14865868	0.896744	1.04071	1.04071	0.0041787	0.307444	-3.25262	0.00240064	0.272587	-3.66856	0.980939	0.992685	-1.00737	5.99635	8.96934	1.3296	1
cg15241074	0.0414288	0.395586	-2.5279	0.00151189	0.164961	-6.06202	0.0100477	0.277709	-3.6009	0.150497	0.544607	-1.83619	5.25004	12.929	2.18902	1
cg06200244	0.126602	0.563432	-1.77484	0.0020453	0.221174	-4.52132	0.00740666	0.301875	-3.31263	0.473956	0.776599	-1.28767	4.2474	8.10808	1.69685	1
cg18517516	0.517514	0.686042	-1.45764	0.0110092	8.42379	8.42379	?	?	?	0.0605851	3.69513	3.69513	6.56732	20.6124	2.61553	1
cg24966406	0.324537	1.20611	1.20611	0.000463406	0.362551	-2.75823	0.60561	1.1007	1.1007	0.00181897	0.44202	-2.26234	17.97	9.65637	0.477655	1
cg00950038	0.322901	0.775539	-1.28943	0.834588	0.949274	-1.05344	0.461079	0.829602	-1.2054	0.016309	0.481366	-2.07742	9.93213	9.74926	0.872522	1
cg07115304	0.00241509	0.51374	-1.94651	0.000386826	0.409676	-2.44095	0.4037	1.14419	1.14419	0.451063	1.12868	1.12868	6.68768	2.632	0.34983	1
cg01704877	0.360129	1.14532	1.14532	0.182393	1.22641	1.22641	0.567555	0.920046	-1.0869	0.333702	0.866061	-1.15465	6.65444	2.19208	0.292814	1
cg05067973	0.402625	1.12599	1.12599	0.199866	0.828925	-1.20638	0.417745	0.891611	-1.12157	0.384418	0.883775	-1.13151	4.40103	1.33786	0.270211	1
cg00361495	2.25E-05	73.2157	73.2157	2.64E-06	304.255	304.255	1.17E-05	108.823	108.823	0.710799	1.20708	1.20708	35.4119	143.212	3.59484	1
cg24222995	0.00193946	10.3404	10.3404	1.53E-05	118.033	118.033	7.53E-05	45.9429	45.9429	0.877435	1.08569	1.08569	16.8456	75.7232	3.99566	1
cg03366850	0.0149063	0.46878	-2.1332	0.000320788	0.229181	-4.36337	0.019127	0.487979	-2.04927	0.0449573	0.558648	-1.79004	9.63624	9.771	0.90132	1
cg14882669	0.0249648	6.93719	6.93719	0.00015413	110.883	110.883	0.000995572	34.8165	34.8165	0.712237	1.30863	1.30863	9.63155	80.4097	7.42096	1
cg10099601	0.00215682	0.216513	-4.61867	0.00136143	0.19175	-5.21511	0.00406463	0.254053	-3.93618	0.0198228	0.368136	-2.71639	9.62887	19.2456	1.77665	1
cg00455526	0.0104876	21.6343	21.6343	0.000221149	354.953	354.953	0.000864321	118.238	118.238	0.986374	1.01643	1.01643	9.30301	134.212	12.8238	1
cg07255674	0.0126519	13.7299	13.7299	0.000266361	157.424	157.424	0.00102486	61.1566	61.1566	0.778292	0.787768	-1.26941	8.38207	94.8232	10.0557	1
cg15444947	0.0388322	13.7029	13.7029	0.000893511	231.248	231.248	0.0028916	88.4405	88.4405	0.568382	1.87933	1.87933	6.85493	130.005	16.858	1
cg02624770	0.0139759	18.6602	18.6602	0.00252678	56.9315	56.9315	0.00568342	33.021	33.021	0.188781	3.82778	3.82778	6.14991	90.5236	13.084	1
cg24426072	0.0438455	13.5794	13.5794	0.00126317	200.149	200.149	0.00605743	56.6127	56.6127	0.0943953	7.92799	7.92799	5.45743	109.59	17.8497	1
cg10479082	0.0548432	17.7036	17.7036	0.00275348	233.114	233.114	0.00702868	99.3662	99.3662	0.140206	8.11895	8.11895	5.07379	139.944	24.5171	1
cg24853724	0.0757296	6.03373	6.03373	0.0116421	17.5858	17.5858	0.00494072	29.5143	29.5143	0.692324	1.43566	1.43566	4.68212	61.3043	11.6385	1
cg14996783	0.024985	58.7519	58.7519	0.0055109	262.89	262.89	0.0132888	108.33	108.33	0.553776	2.49604	2.49604	4.40548	162.726	32.833	1
cg22348673	0.815869	1.018	1.018	0.149887	0.888648	-1.12531	0.127148	0.881473	-1.13447	0.00433691	1.33848	1.33848	4.19235	0.388305	0.0823309	1
cg03797906	0.128855	0.424416	-2.35618	0.00432766	0.136485	-7.32683	0.0251564	0.248921	-4.01733	0.124219	0.419249	-2.38522	3.91837	16.9233	3.83907	1
cg24329658	0.00431418	0.672391	-1.48723	4.25E-08	0.13458	-7.43055	0.0179464	1.34871	1.34871	0.444421	0.922106	-1.08447	69.8624	11.9714	0.152318	1
cg01748268	5.44E-05	0.210174	-4.75796	8.71E-07	0.0663027	-15.0823	0.0223322	0.566708	-1.76458	0.00376112	0.444291	-2.25078	41.658	28.3893	0.605763	1
cg11553183	0.078238	0.778478	-1.28456	0.265699	0.862039	-1.16004	2.87E-06	0.238694	-4.18946	0.928411	0.988564	-1.01157	41.1168	10.6686	0.230641	1
cg18267047	0.161235	0.702373	-1.42374	1.07E-06	0.049357	-20.2606	0.000294225	0.248416	-4.0255	0.553787	1.15191	1.15191	41.5621	32.6219	0.784895	1
cg20624137	0.0276785	0.484874	-2.06239	1.77E-06	0.0362544	-27.5828	1.64E-05	0.0848329	-11.7879	0.0044755	0.348517	-2.8693	33.0346	40.4568	1.0886	1
cg05762309	6.94E-05	0.258191	-3.87311	0.797223	0.953163	-1.04914	?	?	?	0.886291	0.973696	-1.02702	25.0926	12.2608	0.48862	1
cg23977256	0.024155	0.595122	-1.68033	0.000104397	0.26606	-3.75855	4.45E-06	0.130109	-7.68585	0.133844	0.731897	-1.36631	23.7897	14.0408	0.524626	1
cg00550080	0.000823358	0.39102	-2.55741	4.05E-05	0.232207	-4.30649	0.000152048	0.297947	-3.3563	0.013337	1.77047	1.77047	21.063	11.5834	0.488834	1
cg03769055	0.000667196	0.578044	-1.72997	0.133954	1.18544	1.18544	2.12E-06	0.293462	-3.4076	0.68601	0.958126	-1.0437	20.1452	3.53427	0.155946	1
cg19495308	0.00722619	0.375077	-2.66612	1.37E-05	0.0764033	-13.0884	7.90E-05	0.132848	-7.52737	0.0221708	0.460334	-2.17234	18.0622	22.894	1.12667	1
cg09016806	0.339561	0.750349	-1.33271	1.03E-05	0.0636113	-15.7205	0.00891598	0.378748	-2.64028	0.401595	0.778411	-1.28467	17.7265	23.9033	1.19862	1
cg27119877	0.0706564	0.574891	-1.73946	6.71E-06	0.0645307	-15.4965	0.844787	0.947704	-1.05518	0.287196	0.738716	-1.3537	15.5715	18.5205	1.05723	1
cg08508724	0.000385132	0.309093	-3.23527	3.64E-05	0.19238	-5.19803	0.00164004	0.392755	-2.54612	0.200136	1.3238	1.3238	13.6295	9.27307	0.604773	1
cg16206678	0.030597	0.499169	-2.00333	0.000194317	0.179988	-5.55593	0.522454	0.837542	-1.19397	0.208756	0.696	-1.43678	12.0301	14.2515	1.05303	1
cg25981998	0.0150708	0.335009	-2.985	6.47E-05	0.0680889	-14.6867	0.038843	0.416588	-2.40045	0.00883001	0.295096	-3.38872	11.631	24.6886	1.88681	1
cg18420781	0.0486291	0.427525	-2.33905	3.31E-05	0.0478313	-20.9068	0.0910435	0.495459	-2.01833	0.00567326	0.254351	-3.93157	11.1174	25.0616	2.0038	1
cg05984845	0.00481785	0.319982	-3.12518	3.35E-05	0.0862301	-11.5969	0.0106796	0.376135	-2.65862	0.827652	0.935727	-1.06869	10.7152	15.7535	1.30685	1
cg03957649	0.746809	0.947067	-1.05589	0.00417913	1.90471	1.90471	0.3101	1.19284	1.19284	0.508718	0.893552	-1.11913	10.4484	4.66431	0.396811	1
cg08060195	0.34319	0.670686	-1.49101	3.93E-05	0.0400028	-24.9983	0.0360316	0.368783	-2.71162	0.0195066	0.315106	-3.17353	10.286	27.2596	2.3557	1
cg22118082	0.00041278	0.311635	-3.20888	0.00033185	0.299732	-3.33631	0.00442117	0.453783	-2.2037	0.31658	0.806262	-1.24029	10.1892	6.98078	0.608993	1
cg15641463	0.0528268	0.4507	-2.21877	6.49E-05	0.0702032	-14.2444	0.0107726	0.31347	-3.1901	0.0262588	0.384994	-2.59745	10.1873	21.155	1.84587	1
cg00372886	0.0040798	0.444994	-2.24722	0.0137387	0.52731	-1.89642	0.0737482	1.52003	1.52003	0.257013	0.779965	-1.28211	10.1063	7.06316	0.621231	1
cg18765127	0.0429969	0.550206	-1.8175	0.000561841	0.253577	-3.94357	0.187208	0.698624	-1.43138	0.429113	1.23009	1.23009	10.0951	10.5239	0.926646	1
cg11079936	0.0391523	0.327304	-3.05526	0.000170048	0.050214	-19.9148	0.000214408	0.0554726	-18.0269	0.0627214	0.375351	-2.66417	9.97489	34.587	3.08214	1
cg13707358	0.0437352	0.290001	-3.44827	0.000326096	0.044983	-22.2306	0.000651776	0.0613627	-16.2965	0.0447374	0.292188	-3.42246	9.18539	41.4807	4.01417	1
cg20362817	0.537488	0.796463	-1.25555	0.000385772	0.126913	-7.87941	0.000380245	0.126344	-7.91493	0.413247	1.35647	1.35647	8.50608	17.8978	1.87032	1
cg05824482	0.326942	0.65164	-1.53459	0.000122398	0.0585949	-17.0663	0.706679	1.17349	1.17349	?	?	?	8.13652	20.5127	2.52106	1
cg15979214	0.768516	0.893096	-1.1197	0.00147519	0.172433	-5.79937	0.00253164	0.200775	-4.98071	0.445313	0.742258	-1.34724	7.68996	17.8733	2.06598	1
cg10391909	0.88188	0.965838	-1.03537	0.29306	0.774918	-1.29046	0.00111515	0.32545	-3.07267	0.960524	0.988495	-1.01164	7.60123	6.57961	0.769421	1
cg16912957	0.0168079	0.320799	-3.11721	0.000163359	0.0815998	-12.2549	0.563581	0.796501	-1.25549	0.125528	0.524102	-1.90803	7.38554	17.7621	2.13776	1
cg02638136	0.314104	0.699779	-1.42902	0.00790402	0.310913	-3.21633	0.000247473	0.125547	-7.96515	0.261397	0.66923	-1.49425	6.8069	12.6768	1.65542	1
cg02703235	0.00704567	0.200031	-4.99923	0.00075297	0.0943229	-10.6019	0.00260345	0.145571	-6.8695	0.0686687	0.390043	-2.56382	6.43153	21.7426	3.005	1
cg05793094	0.0312732	0.2715	-3.68324	0.00287159	0.120508	-8.29824	0.0022303	0.109721	-9.114	0.117988	0.416503	-2.40094	5.89776	24.8679	3.748	1
cg12251145	0.821253	1.06837	1.06837	0.580624	0.849521	-1.17713	0.000448217	0.198307	-5.0427	0.240829	1.4317	1.4317	5.86169	7.92919	1.20241	1
cg25479320	0.589177	0.771108	-1.29683	0.00612457	0.181704	-5.50344	0.000486028	0.0737579	-13.5579	0.652566	0.805692	-1.24117	5.67967	20.4453	3.19976	1
cg17451015	0.0230161	0.171299	-5.83775	0.00272154	0.0681404	-14.6756	0.0146817	0.142363	-7.02432	0.0643124	0.259522	-3.85324	5.39836	36.0053	5.9286	1
cg06111486	0.442789	1.26354	1.26354	0.0343107	0.47804	-2.09188	0.0661536	0.540047	-1.85169	0.628386	0.86434	-1.15695	5.08946	7.20245	1.25793	1
cg08513123	0.282848	1.46645	1.46645	0.0520849	0.468554	-2.13423	0.0123655	0.343537	-2.91089	0.398326	0.743282	-1.34538	4.99741	9.31603	1.65704	1
cg10784143	0.989543	0.998332	-1.00167	0.112983	1.24578	1.24578	0.0239624	0.709543	-1.40936	0.0265477	0.715375	-1.39787	4.59101	1.18005	0.228476	1
cg00436435	0.117354	3.02105	3.02105	0.226737	0.438252	-2.28179	0.0243902	0.174897	-5.71764	0.825901	0.866587	-1.15395	4.43505	29.6773	5.94804	1
cg05995496	0.168902	0.4662	-2.145	0.00304027	0.120752	-8.28145	0.0132061	0.202032	-4.9497	0.0825784	0.367518	-2.72095	4.365	18.7384	3.81589	1
cg03189075	0.0127469	0.225506	-4.43448	0.0181164	0.251264	-3.97988	0.00406935	0.156309	-6.39759	0.448654	0.689624	-1.45007	4.12397	15.1285	3.26083	1
cg04560098	0.0493192	0.455018	-2.19771	0.00891885	0.31108	-3.21461	0.00640447	0.287971	-3.47258	0.430759	0.75409	-1.3261	4.09953	7.99754	1.73408	1
cg11334822	0.365159	1.30327	1.30327	0.0010269	0.250315	-3.99496	0.00627461	0.3629	-2.75558	0.118935	0.617697	-1.61892	6.71277	8.61496	1.14077	1
cg19169163	0.656362	0.955245	-1.04685	2.59E-05	0.426571	-2.34428	0.0213543	0.753664	-1.32685	0.0914208	0.826913	-1.20932	22.5911	3.74037	0.147172	1
cg12392921	0.00198363	0.654137	-1.52873	0.0101423	1.37038	1.37038	0.113571	0.845955	-1.1821	0.255125	0.890975	-1.12237	10.8356	1.62009	0.132903	1
cg19358805	0.00101086	0.451797	-2.21338	0.00608128	0.557978	-1.79218	0.0630865	0.711393	-1.40569	0.843262	1.03277	1.03277	7.60632	3.19619	0.373512	1
cg22682215	0.424673	1.13759	1.13759	0.00283497	1.91531	1.91531	0.826617	0.965909	-1.03529	0.144809	0.78066	-1.28097	6.15033	2.43519	0.351951	1
cg00213004	0.97102	0.993803	-1.00624	0.0244958	0.632226	-1.58171	0.26851	1.21798	1.21798	0.00961849	1.75211	1.75211	5.99832	2.78136	0.412169	1
cg08468679	0.00176786	2.94727	2.94727	0.0368517	0.555164	-1.80127	0.584673	0.87462	-1.14335	?	?	?	4.59257	3.80884	0.829349	1
cg16529993	0.765821	0.909508	-1.0995	0.088161	0.550171	-1.81762	0.612441	0.850249	-1.17613	0.0139929	0.381479	-2.62138	4.10996	6.56406	1.41965	1
cg06639387	0.552359	0.940295	-1.0635	0.808822	1.02513	1.02513	0.117958	1.18988	1.18988	0.015404	1.35592	1.35592	3.71167	0.616484	0.147638	1
cg17465697	0.387779	1.22651	1.22651	0.006496	0.442221	-2.26131	0.40172	1.21891	1.21891	0.156235	1.41885	1.41885	3.51948	2.96545	0.748961	1
cg04219700	0.845824	1.02626	1.02626	0.0196555	0.687106	-1.45538	0.932604	1.01133	1.01133	0.123161	1.24904	1.24904	3.42487	0.961679	0.249594	1
cg22111082	0.398027	0.851793	-1.17399	0.00130334	0.419804	-2.38206	0.34847	0.83616	-1.19594	0.265343	0.806395	-1.24009	7.17048	3.9026	0.483786	1
cg13585149	0.549707	1.23363	1.23363	0.00310048	0.24567	-4.07051	0.474296	1.28714	1.28714	0.322474	0.701498	-1.42552	5.60104	10.6749	1.69412	1
cg06440361	0.0828046	1.84715	1.84715	0.0893941	1.81903	1.81903	0.0444833	2.09003	2.09003	0.176984	1.58159	1.58159	3.73205	6.0318	1.43664	1
cg12368542	0.606389	0.868426	-1.15151	0.00520985	0.367631	-2.72012	0.709641	0.903462	-1.10685	0.590676	0.862964	-1.1588	5.16288	6.02451	1.03723	1
cg16403250	0.00525641	0.748861	-1.33536	0.426859	0.938241	-1.06582	0.0190782	1.24974	1.24974	0.0156754	1.26206	1.26206	4.98917	0.487869	0.0869205	1
cg22825979	0.0520607	0.666801	-1.4997	0.00741442	0.531252	-1.88235	0.9194	0.98161	-1.01873	0.20166	1.2805	1.2805	3.66695	1.95297	0.47341	1
cg21157904	0.0394596	0.494009	-2.02425	0.000991703	0.234934	-4.25651	0.941781	1.02186	1.02186	0.00124139	0.24731	-4.04351	10.2944	14.289	1.23381	1
cg01765174	0.000955007	0.179825	-5.56095	0.0001121	0.0937981	-10.6612	0.000590159	0.157216	-6.36069	0.000367234	0.136854	-7.30703	18.3203	35.2556	1.71058	1
cg19461260	0.0013207	2.01547	2.01547	0.191803	1.23032	1.23032	0.0781348	1.34125	1.34125	0.157048	0.796904	-1.25486	9.34272	3.32964	0.31679	1
cg13513229	0.0686684	0.535822	-1.86629	0.106991	0.583465	-1.7139	0.0917182	1.76565	1.76565	0.327292	0.733721	-1.36292	5.53016	8.21105	1.3198	1
cg01618660	0.424109	0.846322	-1.18158	0.00524128	2.12268	2.12268	0.772527	0.942478	-1.06103	0.0143149	0.539399	-1.85391	5.4357	3.59654	0.588135	1
cg11317199	0.0272231	4.99056	4.99056	0.00198977	14.6663	14.6663	0.00743451	8.33536	8.33536	0.0787904	3.32237	3.32237	5.32631	31.9155	5.32627	1
cg23064481	3.00E-06	0.149872	-6.67236	1.09E-07	0.0540351	-18.5065	6.31E-07	0.0975904	-10.2469	9.14E-05	0.3035	-3.29489	75.5916	34.839	0.409675	1
cg24592546	0.000139053	0.266604	-3.75088	4.45E-07	0.0569163	-17.5697	1.12E-06	0.078596	-12.7233	0.0188412	0.56473	-1.77076	63.9201	40.834	0.567848	1
cg03261948	0.000102942	0.303372	-3.29628	5.16E-06	0.165674	-6.03593	0.0706945	0.704306	-1.41984	0.00366247	1.97786	1.97786	33.316	15.8946	0.424077	1
cg03948609	0.750412	0.93658	-1.06771	0.000123026	0.252733	-3.95675	0.0496975	0.631509	-1.58351	0.40952	1.18907	1.18907	24.9272	16.6405	0.593391	1
cg12480375	0.225039	0.664911	-1.50396	9.85E-06	0.0477083	-20.9607	1.95E-05	0.062414	-16.0221	0.60908	0.847738	-1.17961	23.1056	37.5335	1.44394	1
cg03242458	0.00115475	0.319786	-3.1271	5.90E-06	0.0880996	-11.3508	0.00246794	0.365996	-2.73227	0.00929702	0.454786	-2.19884	20.6046	18.6054	0.802643	1
cg02772121	0.859129	1.03364	1.03364	0.000263	0.327285	-3.05544	0.452251	0.86708	-1.1533	0.000680809	0.380275	-2.62968	20.5463	11.2873	0.48832	1
cg27091343	0.0310889	0.657206	-1.52159	9.81E-06	0.206623	-4.83974	0.210718	0.803517	-1.24453	0.20779	0.802263	-1.24647	18.4674	8.04766	0.387357	1
cg05235884	0.000379037	0.611937	-1.63415	0.000823324	1.54625	1.54625	0.0529237	0.826746	-1.20956	0.0109031	0.758504	-1.31838	18.153	2.15065	0.10531	1
cg05074385	0.00238729	0.247596	-4.03885	5.52E-05	0.0841823	-11.879	7.05E-05	0.0915218	-10.9264	0.558648	0.822815	-1.21534	17.4147	29.9886	1.53069	1
cg12470367	0.00309115	0.281097	-3.55749	0.000108177	0.117781	-8.49034	0.000125792	0.123294	-8.11067	0.132218	0.600952	-1.66403	12.9607	20.1669	1.38311	1
cg24396154	0.137319	0.662954	-1.5084	0.00533344	2.5672	2.5672	0.00266818	0.344094	-2.90618	0.752318	1.08472	1.08472	11.3658	11.8758	0.928776	1
cg01452581	0.0981303	0.641084	-1.55986	0.000331243	0.241713	-4.13715	0.861095	0.957988	-1.04385	0.597608	0.877625	-1.13944	10.0583	9.56656	0.845428	1
cg22016949	0.150516	1.71123	1.71123	0.000924117	0.17819	-5.612	0.158282	1.69182	1.69182	0.0574417	0.472781	-2.11515	9.98621	19.2209	1.71088	1
cg01905142	0.772993	1.07338	1.07338	0.918559	0.97527	-1.02536	0.00464319	0.397768	-2.51403	0.406169	0.812156	-1.23129	9.95711	9.45334	0.843917	1
cg21988950	7.76E-05	0.108946	-9.17887	0.232589	0.67846	-1.47393	0.00820022	0.350554	-2.85263	0.283023	0.707737	-1.41295	9.59696	14.5974	1.35204	1
cg01775921	0.142807	0.701531	-1.42545	0.00142455	0.353941	-2.82533	0.00372564	0.41407	-2.41505	0.917074	0.976832	-1.02372	9.12081	7.31723	0.713117	1
cg11772804	0.0280251	0.551631	-1.81281	0.274821	1.29748	1.29748	0.000387949	0.273351	-3.6583	0.0118541	0.48671	-2.05461	8.75088	7.28133	0.739617	1
cg13252226	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12422154	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27201802	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09624858	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09848114	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22577701	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23784132	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00628477	TRIM15	0.0109444	0.719234	1.08956	1.08956	0.349789	1.25694	1.25694	0.0119604	0.474698	-2.1066	0.837864	1.04989	1.04989	0.101539	0.653151	-1.53104
cg02879159	TRIM15	0.0112054	0.0132939	0.240653	-4.15537	0.0200247	0.271669	-3.68095	0.0535485	0.361305	-2.76775	0.0595139	0.372483	-2.68468	0.0132793	0.240574	-4.15673
cg27583815	TRIM15	0.0112661	0.000263514	0.191084	-5.2333	0.276135	1.36714	1.36714	0.0461735	0.53225	-1.87882	0.545826	1.18383	1.18383	0.987064	0.995534	-1.00449
cg02668405	TRIM15	0.0115337	0.339726	0.686985	-1.45564	0.00181135	5.43208	5.43208	0.747129	0.883877	-1.13138	0.640136	1.19681	1.19681	0.324362	0.678179	-1.47454
cg19606484	TRIM15	0.0137744	0.00116643	0.140836	-7.10046	0.8154	1.10094	1.10094	0.0260342	0.337516	-2.96282	0.657941	1.20108	1.20108	0.0162258	0.298519	-3.34987
cg14815183	TRIM15	0.0165854	0.0543885	0.400124	-2.49923	0.0863012	0.451487	-2.2149	0.143364	0.51691	-1.93457	0.331036	0.656476	-1.52328	0.0812762	0.444423	-2.25011
cg22402816	TRIM15	0.0199405	0.63692	1.28678	1.28678	0.0738798	0.347663	-2.87635	0.134665	0.425134	-2.3522	0.079161	0.355707	-2.8113	0.0778102	0.353683	-2.82739
cg05563595	TRIM15	0.021621	0.561009	1.26743	1.26743	0.00703323	4.07467	4.07467	0.276242	1.57871	1.57871	0.164062	0.549556	-1.81965	0.254038	0.618661	-1.61639
cg17527819	TRIM15	0.0239778	0.35417	0.687569	-1.4544	0.0319184	2.68578	2.68578	0.772199	0.892195	-1.12083	0.0143057	0.305139	-3.2772	0.0984945	0.490649	-2.03812
cg01074325	TRIM15	0.0267941	0.0830352	0.506243	-1.97534	0.992524	0.996682	-1.00333	0.111842	0.541092	-1.84811	0.313361	1.44755	1.44755	0.254528	0.655734	-1.52501
cg15671996	TRIM15	0.0275219	0.869734	1.07019	1.07019	0.00387616	4.99141	4.99141	0.121434	2.00165	2.00165	0.841833	1.08608	1.08608	0.378979	0.688644	-1.45213
cg18678389	TRIM15	0.0304515	0.743325	0.930693	-1.07447	0.127021	1.43442	1.43442	0.034088	0.582395	-1.71705	0.932656	0.981695	-1.01865	0.0250175	0.558299	-1.79115
cg16123269	TRIM15	0.0381154	0.115466	0.383179	-2.60974	0.022543	0.216238	-4.62454	0.0269154	0.230153	-4.34494	0.149871	0.420888	-2.37593	0.00912564	0.156201	-6.40201
cg10708400	TRIM15	0.0454751	0.0210545	0.173959	-5.74848	0.353407	0.547824	-1.82541	0.111702	0.335609	-2.97966	0.212046	0.436696	-2.28992	0.0165869	0.158154	-6.32295
cg06051311	TRIM15;TRIM15	8.26E-05	0.832041	1.06398	1.06398	0.0790823	0.56592	-1.76703	0.000236671	0.16887	-5.9217	0.000889668	0.233751	-4.27805	9.76E-05	0.132381	-7.55394
cg21856784	TRIM15;TRIM15	0.000225265	0.00804903	0.441548	-2.26476	0.705657	1.09568	1.09568	0.0825628	0.629391	-1.58884	0.00821269	0.442965	-2.25752	4.68E-05	0.157392	-6.35356
cg05701418	TRIM15;TRIM15	0.000311103	0.622982	0.870896	-1.14824	0.0267134	2.08001	2.08001	0.115706	0.620641	-1.61124	0.0289166	0.487462	-2.05144	0.00314531	0.324319	-3.08339
cg00720829	TRIM15;TRIM15	0.000979265	0.0164062	0.580081	-1.7239	0.00955154	1.83936	1.83936	0.273473	0.809286	-1.23566	0.0121244	0.559556	-1.78713	0.000491928	0.362967	-2.75507
cg00879790	TRIM15;TRIM15	0.00216796	0.285025	1.20617	1.20617	0.00102257	2.27472	2.27472	0.00027333	0.365479	-2.73613	0.684983	0.933472	-1.07127	0.602538	0.915133	-1.09274
cg22425467	TRIM15;TRIM15	0.00356148	0.0559264	1.3389	1.3389	0.135377	0.804998	-1.24224	0.61905	0.934679	-1.06989	0.768672	1.04055	1.04055	0.00802784	0.6327	-1.58053
cg01440105	TRIM16	0.000517536	0.0179968	0.328879	-3.04063	0.000345485	9.28046	9.28046	0.000105966	14.1273	14.1273	0.238979	0.620549	-1.61148	0.623024	0.825552	-1.21131
cg05712403	TRIM16	0.00965927	0.975082	0.994718	-1.00531	0.00348853	1.9582	1.9582	0.00435357	0.524182	-1.90773	0.648533	1.08091	1.08091	0.0812527	1.38777	1.38777
cg24848599	TRIM17;TRIM17;TRIM17;TRIM17	0.000898486	6.11E-05	0.0313356	-31.9125	0.0367767	3.11273	3.11273	0.302732	0.60671	-1.64823	0.01784	3.84949	3.84949	0.527845	0.741271	-1.34903
cg27363486	TRIM17;TRIM17;TRIM17;TRIM17	0.0032676	0.0574105	0.778496	-1.28453	0.0116581	0.692627	-1.44378	0.789181	1.03171	1.03171	0.0829355	0.799572	-1.25067	8.97E-05	0.441958	-2.26266
cg02931001	TRIM17;TRIM17;TRIM17;TRIM17	0.00698865	0.862276	0.988273	-1.01187	0.00741029	1.2641	1.2641	0.913656	1.0074	1.0074	0.455902	1.05295	1.05295	0.340625	0.93546	-1.06899
cg02952008	TRIM17;TRIM17;TRIM17;TRIM17	0.0132488	0.886856	1.03886	1.03886	0.198158	1.43934	1.43934	0.192134	1.4473	1.4473	0.246505	1.38336	1.38336	0.611369	1.14708	1.14708
cg20939768	TRIM17;TRIM17;TRIM17;TRIM17	0.0377847	0.729649	1.11563	1.11563	0.31152	1.39129	1.39129	0.796854	0.92186	-1.08476	0.145586	1.63696	1.63696	0.473915	0.794762	-1.25824
cg01907584	TRIM17;TRIM17;TRIM17;TRIM17;TRIM17;TRIM17;TRIM17;TRIM17	0.0219325	0.0869059	0.754326	-1.32569	0.78681	0.960382	-1.04125	0.646765	1.07123	1.07123	0.0124678	0.629007	-1.58981	0.0063996	0.589186	-1.69726
cg25173574	TRIM2	0.000905734	0.721614	0.959496	-1.04221	0.00245017	0.614406	-1.62759	0.0532124	0.775817	-1.28896	0.000256706	2.00487	2.00487	0.0151971	0.708493	-1.41145
cg01894064	TRIM2	0.00164653	0.159096	0.786403	-1.27161	0.0368273	0.678961	-1.47284	0.0566864	1.41116	1.41116	0.0191329	0.635902	-1.57257	0.000185964	0.365104	-2.73895
cg22709082	TRIM2	0.0059178	0.0262942	1.66184	1.66184	0.00355557	0.467018	-2.14125	0.429359	1.16824	1.16824	0.300945	1.22947	1.22947	0.316546	0.819075	-1.22089
cg02931753	TRIM2	0.00679298	0.0479701	0.85341	-1.17177	0.000324951	0.665342	-1.50299	0.0376562	0.844458	-1.18419	0.578493	0.961413	-1.04014	0.745588	1.02309	1.02309
cg22811638	TRIM2	0.00865568	0.0361566	0.388517	-2.57389	0.266398	0.63805	-1.56728	0.471738	0.75273	-1.3285	0.76696	1.12223	1.12223	0.000156055	0.0811131	-12.3285
cg25922624	TRIM2	0.0207706	0.0240128	0.360485	-2.77404	0.0170145	0.33194	-3.01259	0.143796	0.55143	-1.81347	0.59347	0.815295	-1.22655	0.00814401	0.277023	-3.6098
cg03506944	TRIM2	0.0252247	0.155225	0.811331	-1.23254	0.0776476	1.30942	1.30942	0.00293674	1.75339	1.75339	0.75068	0.957126	-1.04479	0.702792	0.948667	-1.05411
cg01597882	TRIM2	0.0255202	0.32397	1.75366	1.75366	0.361105	1.67812	1.67812	0.579874	0.734677	-1.36114	0.983592	0.988724	-1.0114	0.068818	0.325321	-3.07388
cg26464701	TRIM2	0.0367377	0.0279019	0.285458	-3.50314	0.0835428	0.396839	-2.51992	0.48436	0.709701	-1.40904	0.329366	1.62537	1.62537	0.00203564	0.122614	-8.15567
cg15625117	TRIM21	0.000706852	0.00237474	0.368576	-2.71314	0.0672194	1.62117	1.62117	0.660277	1.10981	1.10981	0.0626259	1.63808	1.63808	0.372018	0.805821	-1.24097
cg08577913	TRIM21	0.00271535	0.000959715	0.182546	-5.47807	0.000789128	0.173046	-5.7788	0.232329	0.648477	-1.54207	0.00771066	0.306128	-3.26661	0.0171243	0.366116	-2.73137
cg07244098	TRIM21	0.0224764	0.00991751	0.164373	-6.08373	0.0101527	0.165773	-6.03236	0.0519529	0.29356	-3.40645	0.0529675	0.295521	-3.38385	0.0321478	0.248812	-4.01909
cg26724018	TRIM22	6.44E-06	4.25E-05	0.187123	-5.34408	0.230711	1.3109	1.3109	0.00055576	0.315557	-3.169	0.0277487	0.571131	-1.75091	0.439037	0.843721	-1.18523
cg09618974	TRIM22	0.00012709	9.60E-05	0.194886	-5.13121	0.0105697	2.1334	2.1334	0.00206728	0.359846	-2.77897	0.029694	0.54719	-1.82752	0.324682	0.786922	-1.27077
cg12461141	TRIM22	0.000166126	0.00398068	0.376916	-2.65311	0.0170433	0.480423	-2.0815	0.0506269	0.57044	-1.75303	0.0758036	0.607715	-1.64551	0.69018	0.903951	-1.10625
cg17025642	TRIM22	0.00020069	0.00114453	0.358591	-2.78869	0.269645	0.78149	-1.27961	0.0117303	0.509016	-1.96457	0.98766	1.00332	1.00332	0.447127	1.18079	1.18079
cg20803916	TRIM22	0.0003467	0.00450261	0.565856	-1.76723	0.000122761	0.365023	-2.73955	0.00218152	0.523887	-1.90881	0.0198525	1.52636	1.52636	0.756431	1.0479	1.0479
cg11112590	TRIM22	0.000523132	0.166597	0.651271	-1.53546	0.00285138	0.303033	-3.29997	0.031009	0.478899	-2.08812	0.660687	0.879466	-1.13705	0.0387981	0.498729	-2.0051
cg23414577	TRIM22	0.00262531	0.00462538	0.254382	-3.93109	0.960489	0.982163	-1.01816	0.0945783	0.512954	-1.94949	0.0751514	0.486792	-2.05427	0.675141	1.16548	1.16548
cg12287976	TRIM22	0.0123668	0.00346984	0.122002	-8.19656	0.00884783	0.170841	-5.85338	0.00496748	0.139169	-7.18549	0.566958	0.735745	-1.35917	0.368375	0.612678	-1.63218
cg06386929	TRIM24;TRIM24	1.00E-04	0.00706906	0.661789	-1.51106	0.0147639	0.700606	-1.42734	0.581603	1.06823	1.06823	0.00801014	0.668336	-1.49625	0.604596	1.06391	1.06391
cg17466637	TRIM24;TRIM24	0.000236778	0.976885	0.993395	-1.00665	0.795798	0.94241	-1.06111	0.00372072	0.408105	-2.45035	0.344244	0.800253	-1.2496	0.113373	1.48297	1.48297
cg13935558	TRIM24;TRIM24	0.00314884	0.00221935	3.56923	3.56923	0.00699503	2.81617	2.81617	0.0377866	2.04437	2.04437	0.247375	1.43191	1.43191	0.00363952	3.21471	3.21471
cg23079041	TRIM24;TRIM24	0.00315091	0.363658	0.76431	-1.30837	0.0622143	0.546401	-1.83016	0.00434155	0.333748	-2.99627	0.193761	0.673088	-1.48569	0.0314407	0.483576	-2.06793
cg00468356	TRIM24;TRIM24	0.00801552	0.638972	0.936314	-1.06802	0.216217	0.834238	-1.1987	0.00652058	0.611221	-1.63607	0.00340119	0.574383	-1.741	0.884439	1.02046	1.02046
cg22606681	TRIM24;TRIM24	0.0248356	0.171396	0.593186	-1.68581	0.523172	0.792893	-1.2612	0.0174642	0.354289	-2.82256	0.702834	1.14737	1.14737	0.523923	1.26066	1.26066
cg06650216	TRIM24;TRIM24	0.0367707	0.497023	0.90909	-1.1	0.0428947	0.724637	-1.38	0.167215	0.815859	-1.2257	0.512856	0.912349	-1.09607	0.0020308	0.548038	-1.82469
cg00415389	TRIM24;TRIM24	0.0446819	0.0798114	0.371586	-2.69116	0.35837	0.618178	-1.61766	0.265987	0.55418	-1.80447	0.225718	1.9115	1.9115	0.0268158	0.262964	-3.80281
cg20676542	TRIM25	2.70E-07	0.481142	1.17157	1.17157	0.574769	1.13354	1.13354	0.547226	1.14419	1.14419	0.875339	0.965879	-1.03533	0.814454	1.05336	1.05336
cg23455341	TRIM25	0.000572246	0.199407	1.26479	1.26479	0.0416499	1.50215	1.50215	0.0308013	1.55183	1.55183	0.307058	0.832601	-1.20106	0.18926	1.27245	1.27245
cg13726843	TRIM25	0.00194114	0.000249368	0.240516	-4.15773	0.0224853	0.524973	-1.90486	0.645034	1.11556	1.11556	0.00363283	0.395458	-2.52871	0.00264353	0.375035	-2.66642
cg26946534	TRIM25	0.00611097	0.39361	0.776769	-1.28738	0.00218607	0.288726	-3.46349	0.00602859	0.354466	-2.82115	0.335132	0.750262	-1.33287	0.00158575	0.269619	-3.70894
cg20049702	TRIM26	3.22E-06	1.80E-06	0.258733	-3.86499	0.00375818	1.55955	1.55955	0.987654	1.00176	1.00176	1.88E-05	0.37188	-2.68904	7.76E-07	0.221171	-4.52138
cg12103149	TRIM26	1.01E-05	4.32E-07	0.031849	-31.3982	0.00730826	0.640458	-1.56138	0.00751665	0.642413	-1.55663	?	?	?	?		?
cg01083029	TRIM26	2.51E-05	0.0157621	0.679827	-1.47096	0.000845179	0.519649	-1.92438	0.29428	1.15245	1.15245	0.814352	0.969783	-1.03116	0.000338005	0.470684	-2.12457
cg20067477	TRIM26	4.00E-05	0.0147168	1.51991	1.51991	0.688223	1.05786	1.05786	0.0732408	1.32121	1.32121	0.0358906	1.40548	1.40548	6.09E-07	0.147951	-6.75898
cg19321263	TRIM26	8.12E-05	0.27107	0.832051	-1.20185	3.79E-05	0.281118	-3.55723	0.000117978	0.339094	-2.94903	0.0027487	0.51527	-1.94073	1.12E-05	0.223632	-4.47163
cg07711566	TRIM26	0.000111563	0.128406	0.825437	-1.21148	0.898334	1.01503	1.01503	0.55711	0.93303	-1.07178	0.000546405	0.534207	-1.87193	3.20E-05	0.388706	-2.57264
cg08749775	TRIM26	0.000132833	0.603402	1.05174	1.05174	0.625467	1.04849	1.04849	0.0782398	0.828366	-1.2072	4.51E-06	0.362483	-2.75875	0.00342472	0.681995	-1.46629
cg02800817	TRIM26	0.000140503	1.78E-05	1.89187	1.89187	0.00133631	0.712544	-1.40342	0.0588578	0.856348	-1.16775	0.30888	1.07955	1.07955	0.00807256	1.27965	1.27965
cg24830233	TRIM26	0.000250044	0.709541	0.902126	-1.10849	0.0204562	0.463511	-2.15744	0.00140359	0.279852	-3.57332	0.000242327	0.188046	-5.31785	0.40862	0.792416	-1.26196
cg26311995	TRIM26	0.000319926	0.521174	0.922787	-1.08367	0.0751543	0.782808	-1.27745	0.327175	0.882501	-1.13314	0.538851	0.925992	-1.07992	0.00350583	0.613013	-1.63129
cg27437526	TRIM26	0.000342964	0.00989526	0.841914	-1.18777	0.000433588	1.3415	1.3415	0.61356	0.973471	-1.02725	0.26207	1.06369	1.06369	0.339546	1.05335	1.05335
cg05581314	TRIM26	0.000467398	0.346782	1.19088	1.19088	0.0843013	0.708688	-1.41106	0.395769	0.854865	-1.16977	0.0114697	0.565349	-1.76882	1.14E-05	0.186234	-5.36959
cg06400745	TRIM26	0.000926573	0.452157	1.0913	1.0913	0.00200003	0.607999	-1.64474	0.00805057	0.67895	-1.47286	0.0484383	1.29329	1.29329	0.465189	0.918714	-1.08848
cg07523043	TRIM26	0.00115807	0.799985	0.930235	-1.075	0.000109397	6.9635	6.9635	0.00287701	3.21489	3.21489	0.125295	1.60416	1.60416	0.0272349	0.475032	-2.10512
cg18062810	TRIM26	0.00126412	0.894204	0.973994	-1.0267	0.00239913	0.432711	-2.31101	0.317392	1.22713	1.22713	0.435723	1.17056	1.17056	0.048976	0.640715	-1.56076
cg22450733	TRIM26	0.00129336	0.0121258	0.769273	-1.29993	0.000510494	1.57661	1.57661	0.219271	1.11446	1.11446	0.00939487	0.758632	-1.31816	0.0455101	0.824983	-1.21215
cg07810982	TRIM26	0.00148658	0.021085	1.44821	1.44821	0.0485214	0.740176	-1.35103	0.0641933	1.32003	1.32003	0.0237429	0.697432	-1.43383	0.000166842	0.424913	-2.35342
cg03769629	TRIM26	0.00157058	0.00302199	0.538033	-1.85862	0.514535	0.904124	-1.10604	0.000454565	2.32192	2.32192	0.906417	0.982227	-1.0181	0.0428736	0.700905	-1.42673
cg03798162	TRIM26	0.00204384	0.00738164	0.524574	-1.90631	0.152576	0.751005	-1.33155	0.00962851	0.542043	-1.84487	0.4976	0.879245	-1.13734	0.967408	1.00767	1.00767
cg13118072	TRIM26	0.0021185	0.161904	0.77134	-1.29645	0.20801	0.793925	-1.25957	0.000498826	0.387978	-2.57746	0.307651	0.832292	-1.2015	0.00731036	0.548133	-1.82438
cg21666768	TRIM26	0.00215239	0.676274	1.05471	1.05471	0.813216	1.03048	1.03048	0.00327299	1.66267	1.66267	0.0261225	0.7155	-1.39762	0.0194572	1.43088	1.43088
cg08230118	TRIM26	0.00237285	0.000476463	0.667851	-1.49734	0.399278	1.06557	1.06557	0.00731996	0.775307	-1.28981	0.5022	1.0514	1.0514	0.0553709	1.17332	1.17332
cg15967169	TRIM26	0.00264803	0.0571227	1.29118	1.29118	0.000393071	0.511438	-1.95527	0.00740524	0.663891	-1.50627	0.988951	0.998357	-1.00165	0.0136507	1.4365	1.4365
cg16487328	TRIM26	0.00268747	0.0237551	0.44016	-2.2719	0.00160803	0.252724	-3.95689	0.144203	0.620652	-1.61121	0.0580116	0.521259	-1.91843	0.00113513	0.233216	-4.28788
cg24636541	TRIM26	0.00274016	0.972507	1.00428	1.00428	0.0624082	1.29716	1.29716	0.439716	0.90687	-1.10269	0.11102	1.24033	1.24033	0.151362	1.21011	1.21011
cg09861075	TRIM26	0.00284392	0.638262	0.965626	-1.0356	0.0017695	1.38945	1.38945	0.00122331	1.41827	1.41827	0.0517533	0.84915	-1.17765	0.0113628	1.26376	1.26376
cg13434772	TRIM26	0.00381301	0.0135356	0.54597	-1.8316	0.184568	1.3214	1.3214	0.705277	1.07815	1.07815	0.593474	1.1126	1.1126	0.000587024	0.349261	-2.86319
cg03717830	TRIM26	0.00472166	0.752761	0.950498	-1.05208	0.000463412	2.42282	2.42282	0.504139	0.896815	-1.11506	0.901945	0.980392	-1.02	0.0272842	0.657271	-1.52144
cg12792044	TRIM26	0.00490042	0.0129305	0.664637	-1.50458	0.598899	0.93214	-1.0728	0.0249232	1.42382	1.42382	0.0215236	0.693812	-1.44131	0.0220481	0.695207	-1.43842
cg00713055	TRIM26	0.00554735	0.866086	0.980611	-1.01977	0.0170411	0.71359	-1.40137	0.44421	0.913486	-1.09471	0.0784608	0.797118	-1.25452	0.167535	1.18609	1.18609
cg04956674	TRIM26	0.00561453	0.00679281	1.66576	1.66576	0.000818388	0.480092	-2.08294	0.250686	0.839783	-1.19078	0.686504	1.0608	1.0608	0.342921	0.867496	-1.15274
cg06881695	TRIM26	0.0056179	0.0412991	0.528886	-1.89077	0.384627	1.27281	1.27281	0.0868166	0.599404	-1.66832	0.446238	0.810493	-1.23382	0.000342635	0.210092	-4.75981
cg14986845	TRIM26	0.00570349	0.962729	1.00734	1.00734	0.000280457	2.53444	2.53444	0.0518431	1.41396	1.41396	0.533286	1.10383	1.10383	0.0629385	0.720705	-1.38753
cg02188299	TRIM26	0.00600016	0.459461	0.87233	-1.14636	0.481517	1.13853	1.13853	0.825103	0.960658	-1.04095	0.775809	1.05314	1.05314	0.384969	0.850842	-1.17531
cg10009801	TRIM26	0.00625282	0.101662	0.698811	-1.431	0.151096	0.735141	-1.36028	0.0466187	0.634009	-1.57727	0.00511858	0.477256	-2.09531	0.0399613	0.621988	-1.60775
cg06212412	TRIM26	0.00629758	0.121236	1.46641	1.46641	0.0814998	1.55261	1.55261	0.879691	0.966079	-1.03511	0.835805	1.04842	1.04842	0.305001	1.27382	1.27382
cg21763718	TRIM26	0.00648418	0.0262095	0.492623	-2.02995	0.75581	1.08736	1.08736	0.0522947	0.552913	-1.8086	0.187126	0.687039	-1.45552	0.00080773	0.257455	-3.88417
cg13362801	TRIM26	0.00648874	0.428849	0.870273	-1.14906	0.0201816	1.61928	1.61928	0.398754	0.86189	-1.16024	0.0321762	0.649434	-1.5398	0.000531826	0.395402	-2.52907
cg25790586	TRIM26	0.00690615	0.405428	0.80937	-1.23553	0.000465805	0.254735	-3.92565	0.000930475	0.292852	-3.41469	0.664634	1.11447	1.11447	0.45821	0.828874	-1.20646
cg04785838	TRIM26	0.00692407	0.52659	1.16443	1.16443	0.293972	1.29589	1.29589	0.158693	1.43396	1.43396	0.063571	1.65379	1.65379	0.0486029	1.72409	1.72409
cg02216394	TRIM26	0.00865491	0.0183059	0.685012	-1.45983	0.877504	0.979827	-1.02059	0.33532	0.876981	-1.14028	0.0168103	0.68013	-1.47031	0.0373797	0.726746	-1.376
cg00206463	TRIM26	0.00913609	0.00565307	0.340505	-2.93681	0.411271	0.779369	-1.28309	0.0822109	0.564817	-1.77049	0.954119	0.983074	-1.01722	0.00420709	0.320693	-3.11824
cg19593182	TRIM26	0.00954225	0.423375	0.798037	-1.25307	0.654368	1.13239	1.13239	0.61825	0.870568	-1.14868	0.0349363	1.97016	1.97016	0.00147304	0.281888	-3.54751
cg11556489	TRIM26	0.00974303	0.0436785	0.380617	-2.62731	0.334279	1.51407	1.51407	0.590708	1.25377	1.25377	0.159219	1.87135	1.87135	0.00597902	0.223853	-4.46723
cg11512026	TRIM26	0.010551	0.0521869	0.552521	-1.80989	0.00108449	0.273717	-3.65341	0.11695	0.63286	-1.58013	0.164966	0.671721	-1.48871	0.00216329	0.314602	-3.17862
cg14051639	TRIM26	0.0110306	0.00275459	0.115342	-8.6699	0.0304519	0.264499	-3.78073	0.0196352	0.22901	-4.36662	0.0168008	0.217469	-4.59835	0.00217208	0.105459	-9.48236
cg12084411	TRIM26	0.0112903	0.00166469	0.640239	-1.56192	0.790904	1.02669	1.02669	0.731254	1.03477	1.03477	0.00398999	0.681368	-1.46764	0.085579	0.828293	-1.2073
cg18901633	TRIM26	0.0115339	0.418582	0.881475	-1.13446	0.0033702	1.838	1.838	0.582726	0.918795	-1.08838	0.00810943	1.67768	1.67768	0.246227	0.831026	-1.20333
cg23981611	TRIM26	0.0135686	0.676196	1.08024	1.08024	0.614286	0.910847	-1.09788	0.572778	0.900577	-1.1104	0.360362	1.18863	1.18863	0.0860815	1.41697	1.41697
cg02827244	TRIM26	0.0135806	0.576929	0.908838	-1.10031	0.00856734	1.76613	1.76613	0.415355	1.15166	1.15166	0.754623	1.05462	1.05462	0.00215906	0.481721	-2.07589
cg02191233	TRIM26	0.0141533	0.809501	1.02189	1.02189	0.0335996	1.24927	1.24927	0.146667	0.869635	-1.14991	0.909183	1.01028	1.01028	0.00507914	1.39391	1.39391
cg11668876	TRIM26	0.0141812	0.550299	0.856696	-1.16728	0.701733	1.1035	1.1035	0.246347	0.733245	-1.3638	0.777005	1.07538	1.07538	0.000253104	0.21361	-4.68142
cg24968291	TRIM26	0.0146277	0.514251	1.14562	1.14562	0.682247	1.08829	1.08829	0.0657255	0.654131	-1.52874	0.0544604	1.56592	1.56592	0.260008	0.785459	-1.27314
cg11994620	TRIM26	0.0146488	0.548289	1.14195	1.14195	0.115815	0.688322	-1.45281	0.0237148	0.554343	-1.80394	0.838416	0.956365	-1.04563	0.0123546	0.506301	-1.97511
cg14971718	TRIM26	0.0149799	0.419646	1.48577	1.48577	0.00275638	7.26614	7.26614	0.242737	1.7986	1.7986	0.276333	1.72239	1.72239	0.138954	0.465441	-2.1485
cg25746489	TRIM26	0.0150354	0.104255	0.768575	-1.30111	0.424657	1.12844	1.12844	0.0184787	0.654759	-1.52728	0.00162944	0.512227	-1.95226	0.177664	0.808714	-1.23653
cg24701662	TRIM26	0.0157263	0.719874	0.942167	-1.06138	0.0249385	1.55491	1.55491	0.0419504	1.47368	1.47368	0.389155	1.15718	1.15718	0.661972	0.929811	-1.07549
cg05864696	TRIM26	0.0159017	0.119624	0.269587	-3.70937	0.132086	3.52749	3.52749	0.0302996	7.40875	7.40875	0.899813	1.10136	1.10136	0.0013997	0.023007	-43.4651
cg16446015	TRIM26	0.0166103	0.00484735	0.422072	-2.36926	0.195829	1.37142	1.37142	0.00520905	0.426886	-2.34255	0.955704	1.01291	1.01291	0.278349	0.770846	-1.29728
cg06895103	TRIM26	0.0167184	0.147846	0.733718	-1.36292	0.507201	1.1436	1.1436	0.519519	0.877911	-1.13907	0.0464699	0.634579	-1.57585	0.00456335	0.470825	-2.12393
cg10793756	TRIM26	0.017084	0.29152	0.860401	-1.16225	0.0246537	0.692417	-1.44422	0.00862608	0.63123	-1.58421	0.0172242	0.671211	-1.48985	0.00166175	0.538973	-1.85538
cg27204262	TRIM26	0.0176476	0.183534	0.833854	-1.19925	0.0993811	1.26186	1.26186	0.529779	0.921303	-1.08542	0.25208	1.16656	1.16656	0.0268104	0.713361	-1.40181
cg16919028	TRIM26	0.0177304	0.126312	0.791671	-1.26315	0.00103784	0.503557	-1.98587	0.00706948	0.61161	-1.63503	0.0135865	0.64966	-1.53927	0.41701	0.889448	-1.12429
cg19776593	TRIM26	0.0181597	0.494799	1.29931	1.29931	0.0204464	0.348173	-2.87213	0.110296	0.518241	-1.9296	0.00252326	0.205176	-4.87387	0.908535	1.04436	1.04436
cg25367940	TRIM26	0.0187857	0.00334668	0.519977	-1.92316	0.219851	0.809524	-1.23529	0.236583	0.81618	-1.22522	0.204291	0.802987	-1.24535	0.0168374	0.620211	-1.61235
cg23055081	TRIM26	0.0189839	0.0428839	0.791261	-1.26381	0.281474	1.11902	1.11902	0.21894	1.13871	1.13871	0.922759	1.00979	1.00979	0.81886	0.977217	-1.02331
cg22666115	TRIM26	0.0209036	0.327736	0.908685	-1.10049	0.773351	1.02775	1.02775	0.0328472	1.26694	1.26694	0.303131	0.903842	-1.10639	0.0117917	0.742226	-1.3473
cg07011235	TRIM26	0.0210096	0.254681	0.834045	-1.19898	0.0192566	0.649205	-1.54034	0.174307	0.802121	-1.24669	0.557512	0.913464	-1.09473	0.414611	1.13569	1.13569
cg02769478	TRIM26	0.0227799	0.556396	0.809149	-1.23587	0.792285	0.910328	-1.09851	0.606703	0.831234	-1.20303	0.114104	0.542354	-1.84382	0.00067923	0.15745	-6.35123
cg23858605	TRIM26	0.0235981	0.919088	1.0226	1.0226	0.409178	0.83059	-1.20396	0.746661	1.07388	1.07388	0.966342	1.00932	1.00932	0.621844	0.896437	-1.11553
cg05226043	TRIM26	0.0249454	0.510923	1.06504	1.06504	0.814001	0.977974	-1.02252	0.153114	0.865387	-1.15555	0.827185	1.02088	1.02088	0.853417	1.01763	1.01763
cg00558297	TRIM26	0.0256979	0.860651	1.01943	1.01943	0.398818	0.90972	-1.09924	0.0711309	0.801868	-1.24709	0.978305	0.997026	-1.00298	0.0510156	1.27565	1.27565
cg09782726	TRIM26	0.0259474	0.322672	1.29813	1.29813	0.00900932	2.33521	2.33521	0.0976157	1.59079	1.59079	0.153613	0.67691	-1.4773	0.0381545	0.541311	-1.84737
cg21335714	TRIM26	0.0265544	0.255681	0.677151	-1.47678	0.0179579	2.57223	2.57223	0.899222	0.959226	-1.04251	0.346638	0.727301	-1.37495	0.00117964	0.209425	-4.77497
cg27252041	TRIM26	0.028573	0.878287	1.04794	1.04794	0.614578	1.16784	1.16784	0.875666	0.953279	-1.04901	0.206992	0.665866	-1.5018	0.194361	1.52127	1.52127
cg13396830	TRIM26	0.0286325	0.25566	0.854563	-1.17019	0.0269748	0.706874	-1.41468	0.0531712	0.747543	-1.33772	0.378099	1.12724	1.12724	0.00155401	0.547424	-1.82674
cg25938010	TRIM26	0.0293554	0.00551688	0.295871	-3.37985	0.182161	0.623284	-1.60441	0.330533	0.715182	-1.39824	0.94683	1.02252	1.02252	0.0085063	0.325883	-3.06858
cg03028282	TRIM26	0.0297762	0.441033	0.831524	-1.20261	0.261286	0.759496	-1.31666	0.105157	0.659832	-1.51554	0.31466	1.27655	1.27655	0.00456166	2.42792	2.42792
cg02749752	TRIM26	0.0313941	0.43831	1.3131	1.3131	0.92718	1.032	1.032	0.630628	1.18167	1.18167	0.0391838	2.27566	2.27566	0.0226627	0.390575	-2.56033
cg12439388	TRIM26	0.0326321	0.720455	0.951875	-1.05056	0.480606	1.10341	1.10341	0.0193504	1.47431	1.47431	0.393941	0.887051	-1.12733	0.29398	1.16114	1.16114
cg26560341	TRIM26	0.0340304	0.937489	1.00816	1.00816	0.00376695	1.49964	1.49964	0.0750148	1.22812	1.22812	0.830087	0.977974	-1.02252	0.273392	0.888578	-1.12539

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00628477	0.00159145	0.34072	-2.93496	0.0846511	0.635634	-1.57323	0.00302365	0.380714	-2.62664	0.742796	0.924742	-1.08138	5.74189	5.13388	0.794764	1
cg02879159	0.0303744	0.306745	-3.26003	0.00197949	0.131459	-7.60696	0.00318998	0.154181	-6.48587	0.19018	0.52507	-1.90451	5.69843	19.458	3.03523	1
cg27583815	0.528133	1.19296	1.19296	0.425923	1.25162	1.25162	0.204509	0.691005	-1.44717	0.561106	0.850247	-1.17613	5.6885	6.86557	1.07282	1
cg02668405	0.00742929	0.268317	-3.72694	0.265848	0.642494	-1.55643	0.0253509	0.362679	-2.75726	0.265264	1.55735	1.55735	5.64552	13.0173	2.04958	1
cg19606484	0.301992	0.644234	-1.55223	0.0797973	0.449605	-2.22417	0.0112265	0.270823	-3.69245	0.0461883	0.39091	-2.55814	5.32824	14.2679	2.38026	1
cg14815183	0.0544611	0.400263	-2.49836	0.000554771	0.105548	-9.47437	0.309485	1.55479	1.55479	0.0641676	0.417758	-2.39373	5.01064	13.9741	2.47901	1
cg22402816	0.0195675	0.223994	-4.4644	0.000754784	0.0665959	-15.0159	0.118762	0.407381	-2.45471	0.0851076	0.364365	-2.7445	4.70932	20.9765	3.95934	1
cg05563595	0.517878	1.30252	1.30252	0.0177637	0.312826	-3.19666	0.780016	1.1195	1.1195	0.0133689	3.43946	3.43946	4.58115	11.7932	2.28827	1
cg17527819	0.549168	0.788062	-1.26894	0.230452	1.6395	1.6395	0.105049	0.498558	-2.00578	0.0148153	3.24845	3.24845	4.42082	10.8122	2.174	1
cg01074325	0.347527	0.709578	-1.40929	0.00201422	0.213209	-4.69023	0.0477984	0.448119	-2.23155	0.0999941	1.89517	1.89517	4.25306	8.47464	1.7712	1
cg15671996	0.687422	1.18195	1.18195	0.0296024	0.346978	-2.88202	0.0598611	2.40494	2.40494	0.0521283	2.49188	2.49188	4.21324	11.3979	2.40468	1
cg18678389	0.463766	0.849583	-1.17705	0.00215634	0.390026	-2.56393	0.691134	0.916406	-1.09122	0.735418	1.07696	1.07696	4.06519	3.07638	0.672677	1
cg16123269	0.0244709	0.22258	-4.49276	0.0738272	0.327258	-3.05569	0.0168165	0.194891	-5.13107	0.076472	0.331314	-3.01828	3.74898	18.6573	4.42368	1
cg10708400	0.0767497	0.289201	-3.4578	0.00683667	0.109917	-9.09778	0.0247542	0.185491	-5.39111	0.142302	0.37004	-2.70241	3.51168	22.0931	5.59229	1
cg06051311	0.00517844	0.34039	-2.9378	5.34E-06	0.0492687	-20.2969	0.000371633	0.18957	-5.27511	0.00327432	0.31026	-3.2231	23.2993	31.4618	1.20029	1
cg21856784	0.0409773	0.566678	-1.76467	1.82E-05	0.121695	-8.21729	0.0638937	1.65122	1.65122	0.147386	0.687731	-1.45406	17.7873	16.335	0.816314	1
cg05701418	0.550036	1.18377	1.18377	9.24E-06	0.0690159	-14.4894	0.645464	1.13795	1.13795	0.00213054	0.299983	-3.33353	16.2872	20.074	1.09555	1
cg00720829	0.147011	0.74904	-1.33504	0.0011675	0.412718	-2.42296	0.00581316	1.95563	1.95563	0.249842	0.799881	-1.25019	11.8366	6.4629	0.485341	1
cg00879790	0.0248544	0.637127	-1.56955	0.116688	1.33339	1.33339	0.47555	0.884732	-1.13029	0.3686	0.855662	-1.16869	9.41761	4.24989	0.401129	1
cg22425467	0.0306254	1.4082	1.4082	0.000291781	0.451185	-2.21639	0.466888	0.905038	-1.10493	0.0358751	0.719627	-1.38961	8.13131	2.33913	0.255707	1
cg01440105	0.12546	0.52644	-1.89955	0.0731643	0.461548	-2.16662	0.902813	1.0484	1.0484	0.00907319	0.277217	-3.60728	14.1544	33.5597	2.10752	1
cg05712403	0.199954	1.25806	1.25806	0.949655	0.989351	-1.01076	0.188698	0.789686	-1.26633	0.0141195	1.67123	1.67123	5.97643	2.72101	0.404702	1
cg24848599	0.554465	1.32294	1.32294	0.0139733	4.14089	4.14089	0.0371359	0.322172	-3.10393	0.0311351	3.26759	3.26759	12.1285	42.0857	3.08443	1
cg27363486	0.0367968	0.753834	-1.32655	0.00676742	0.664353	-1.50522	0.0173495	0.713508	-1.40153	0.167019	0.842293	-1.18724	8.34331	1.79352	0.19108	1
cg02931001	0.164785	1.10593	1.10593	0.000788971	0.708466	-1.4115	0.102986	1.12883	1.12883	0.0290264	1.19105	1.19105	6.61847	0.483816	0.0649786	1
cg02952008	0.345229	0.770806	-1.29734	0.000307161	0.208199	-4.8031	0.526323	1.18759	1.18759	0.975625	0.991852	-1.00821	5.3966	6.1286	1.00946	1
cg20939768	0.764478	1.0994	1.0994	0.0034763	3.49347	3.49347	0.0221832	0.421123	-2.3746	0.145264	1.6377	1.6377	3.76094	5.92539	1.40045	1
cg01907584	0.937784	1.01171	1.01171	0.00787568	0.601469	-1.6626	0.710086	1.05726	1.05726	0.165813	1.24656	1.24656	4.55874	1.6055	0.313049	1
cg25173574	0.839025	1.02379	1.02379	0.0144695	1.41658	1.41658	0.00384765	0.637523	-1.56857	0.204731	0.856712	-1.16725	12.101	2.5598	0.188033	1
cg01894064	0.00790537	0.580462	-1.72277	0.000776198	0.443941	-2.25255	0.196852	0.804242	-1.24341	0.575072	1.09465	1.09465	10.2016	4.11889	0.358888	1
cg22709082	0.000681543	2.71948	2.71948	0.117921	1.38715	1.38715	0.331242	1.21315	1.21315	0.757876	1.06141	1.06141	6.96876	4.10026	0.523002	1
cg02931753	0.438915	0.946151	-1.05691	0.746092	0.977478	-1.02304	0.0744765	1.14951	1.14951	0.0633715	1.15764	1.15764	6.67727	0.519891	0.0692087	1
cg22811638	0.674675	0.848906	-1.17799	0.238088	1.6153	1.6153	0.551741	1.26318	1.26318	0.794951	0.903879	-1.10634	6.1884	14.7571	2.11968	1
cg25922624	0.646397	0.8394	-1.19133	0.0446966	2.39516	2.39516	0.0174548	0.333989	-2.99411	0.782778	0.900557	-1.11042	4.6444	10.5652	2.02207	1
cg03506944	0.422081	0.893392	-1.11933	0.273677	1.16951	1.16951	0.765786	1.04192	1.04192	0.00851064	1.5866	1.5866	4.34369	1.29994	0.266018	1
cg01597882	0.472514	1.49619	1.49619	0.00214791	10.7692	10.7692	0.0234854	4.44683	4.44683	0.0514769	3.39559	3.39559	4.3261	20.8327	4.28052	1
cg26464701	0.735643	0.849152	-1.17764	0.622475	0.787053	-1.27056	0.375811	0.644953	-1.5505	0.0367906	0.310228	-3.22344	3.7997	14.0118	3.27786	1
cg15625117	0.000632204	3.44523	3.44523	0.168457	1.41295	1.41295	0.218529	0.737232	-1.35642	0.00018541	0.226024	-4.42431	12.9755	11.4023	0.781116	1
cg08577913	0.00485489	0.274866	-3.63813	0.00102257	0.185697	-5.38511	0.134604	0.572447	-1.74689	0.0368749	0.432448	-2.31242	8.81462	16.6934	1.6834	1
cg07244098	0.0677073	0.321614	-3.10932	0.00362327	0.112788	-8.8662	0.528943	0.702183	-1.42413	0.0633437	0.314306	-3.18162	4.52055	21.9962	4.32518	1
cg26724018	0.000625899	0.322244	-3.10324	0.0113004	1.97999	1.97999	1.99E-07	0.0331227	-30.1908	8.85E-05	0.220496	-4.53522	45.4632	33.3795	0.652632	1
cg09618974	0.198735	0.726169	-1.37709	0.0400354	0.571715	-1.74912	1.06E-05	0.108996	-9.17467	0.000676513	0.293957	-3.40185	20.7626	18.2534	0.781467	1
cg12461141	0.0438957	1.79261	1.79261	0.00918855	2.30158	2.30158	5.74E-06	0.076257	-13.1135	0.00323798	0.363441	-2.75148	19.3173	19.4328	0.894203	1
cg17025642	0.282074	0.786821	-1.27094	0.217389	1.32094	1.32094	1.59E-05	0.147993	-6.7571	5.62E-05	0.200789	-4.98034	18.354	13.3723	0.647623	1
cg20803916	0.0559652	1.38485	1.38485	0.0205375	0.657269	-1.52145	0.000966634	0.47769	-2.09341	0.000816166	0.468205	-2.13582	15.8103	5.66288	0.318379	1
cg11112590	0.659975	0.87921	-1.13738	0.835293	1.06241	1.06241	9.58E-06	0.0624893	-16.0027	0.00168798	0.271214	-3.68712	14.1122	18.8965	1.19024	1
cg23414577	0.324995	0.69125	-1.44665	0.291857	1.48786	1.48786	7.69E-05	0.0740906	-13.497	0.0139472	0.331773	-3.01411	8.90281	18.611	1.85819	1
cg12287976	0.360609	0.607528	-1.64602	0.44676	1.50864	1.50864	0.00512746	0.140774	-7.10357	0.0906336	0.37212	-2.68731	5.51924	24.5779	3.95834	1
cg06386929	0.166903	0.839663	-1.19095	1.37E-06	0.231648	-4.3169	0.591612	1.06633	1.06633	0.0939283	1.24411	1.24411	22.1417	4.93166	0.197983	1
cg17466637	0.164487	0.712323	-1.40386	3.03E-06	0.0786904	-12.708	0.53485	1.1546	1.1546	0.57699	1.13756	1.13756	17.5477	14.5381	0.736435	1
cg13935558	0.0164335	2.38766	2.38766	0.000531895	4.95759	4.95759	0.00198704	3.65581	3.65581	0.0493032	1.94651	1.94651	8.43584	11.7722	1.24045	1
cg23079041	0.154809	0.64506	-1.55024	5.36E-05	0.114241	-8.75341	0.992483	1.00272	1.00272	0.371294	0.767741	-1.30252	8.43419	11.0726	1.16696	1
cg00468356	0.0416572	0.721049	-1.38687	0.000466019	0.464672	-2.15205	0.430762	0.89405	-1.11851	0.521803	0.913549	-1.09463	6.34028	1.94749	0.273032	1
cg22606681	0.185284	1.655	1.655	0.00339816	0.239761	-4.17082	0.0158932	0.346745	-2.88396	0.858948	1.06588	1.06588	4.36724	8.89657	1.81077	1
cg06650216	0.553168	1.08645	1.08645	0.115022	0.789098	-1.26727	0.592334	1.07757	1.07757	0.179713	1.21769	1.21769	3.79846	1.14931	0.268955	1
cg00415389	0.252264	0.543879	-1.83864	0.00438356	0.144044	-6.94232	0.337213	1.65511	1.65511	0.181367	0.485499	-2.05974	3.5349	14.519	3.65097	1
cg20676542	0.0424174	0.596411	-1.67669	0.431165	0.83722	-1.19443	0.524021	0.866939	-1.15348	1.96E-09	541.651	541.651	102.328	79.2478	0.688399	1
cg23455341	0.011675	0.579255	-1.72636	0.000198257	0.33852	-2.95404	0.000401077	0.377015	-2.65242	0.0153515	1.67449	1.67449	13.7644	6.54382	0.422593	1
cg13726843	0.00865633	0.454303	-2.20117	0.00172376	0.348452	-2.86984	0.34911	0.796734	-1.25512	0.014616	0.492214	-2.03164	9.72613	8.56094	0.7824	1
cg26946534	0.00465024	0.336833	-2.96883	0.663617	0.88117	-1.13485	0.63579	1.14787	1.14787	0.0161556	0.427111	-2.34131	6.89999	9.13225	1.17646	1
cg20049702	0.857078	0.979727	-1.02069	0.0243351	1.3565	1.3565	0.17753	1.17681	1.17681	4.90E-05	0.420218	-2.37972	54.3657	11.1138	0.181712	1
cg12103149	0.0149842	0.689569	-1.45018	0.147963	0.839578	-1.19107	0.00286602	0.573778	-1.74284	0.0010946	1.99105	1.99105	183.167	23.9185	0.0932735	1
cg01083029	3.24E-06	0.237729	-4.20647	3.69E-06	0.243499	-4.1068	0.222915	1.18182	1.18182	0.100107	0.790562	-1.26492	31.9249	8.60305	0.239536	1
cg20067477	0.445305	1.1146	1.1146	0.0898379	1.29787	1.29787	0.349018	1.14389	1.14389	0.115992	1.26898	1.26898	28.2366	8.69504	0.273721	1
cg19321263	0.00160249	0.483693	-2.06743	0.00263259	0.512723	-1.95037	0.138083	1.29203	1.29203	0.00590209	0.561026	-1.78245	23.41	9.54634	0.362479	1
cg07711566	0.0121789	1.44006	1.44006	0.00373689	0.633139	-1.57943	0.000128472	2.17534	2.17534	0.0592949	0.779937	-1.28215	21.5013	4.64026	0.191833	1
cg08749775	0.00327228	1.47081	1.47081	0.0139268	1.33961	1.33961	0.18658	1.14426	1.14426	0.29153	0.900018	-1.11109	20.5174	3.0102	0.130413	1
cg02800817	0.0100136	0.789545	-1.26655	0.000437968	1.49747	1.49747	0.749407	0.976978	-1.02356	0.236186	1.09441	1.09441	20.2099	1.69072	0.0743629	1
cg24830233	1.50E-05	0.084564	-11.8254	0.29645	1.34719	1.34719	0.681776	0.892704	-1.12019	0.000676695	0.239189	-4.18079	17.2891	20.7519	1.06692	1
cg26311995	7.93E-05	0.414225	-2.41415	0.000113352	0.432726	-2.31093	0.0435142	1.33223	1.33223	0.00025069	0.474088	-2.10931	16.1629	3.90902	0.214979	1
cg27437526	0.00112439	0.776319	-1.28813	0.00024791	1.37634	1.37634	0.00303238	0.806951	-1.23923	0.53013	0.966978	-1.03415	15.8575	0.700156	0.0392472	1
cg05581314	0.0106261	0.560314	-1.78471	0.0431969	0.657455	-1.52102	0.108437	1.37128	1.37128	0.0026835	0.473229	-2.11314	14.5601	7.49714	0.457698	1
cg06400745	0.00343096	0.635443	-1.5737	0.000702956	0.554771	-1.80255	0.00710256	1.48691	1.48691	0.00728196	0.673814	-1.48409	12.0234	2.47751	0.183162	1
cg07523043	0.174906	1.50831	1.50831	0.0727646	1.76859	1.76859	0.000797953	4.23115	4.23115	0.0749635	1.75925	1.75925	11.2857	14.5026	1.14226	1
cg18062810	3.03E-05	0.198914	-5.02729	0.422119	1.17632	1.17632	0.992474	0.998134	-1.00187	0.162199	0.744132	-1.34385	11.0069	6.83679	0.552123	1
cg22450733	0.0821833	0.850836	-1.17531	0.00140537	1.47399	1.47399	0.31793	0.917047	-1.09046	0.815354	0.980568	-1.01982	10.9351	1.21871	0.0990662	1
cg07810982	0.0529393	1.34131	1.34131	0.187666	1.20491	1.20491	0.0536733	1.33978	1.33978	0.101013	0.786815	-1.27095	10.5067	2.96564	0.250899	1
cg03769629	0.537711	1.09983	1.09983	0.000761956	0.459404	-2.17673	0.63242	1.07625	1.07625	0.19727	0.812331	-1.23103	10.3416	3.80856	0.327355	1
cg03798162	8.40E-05	0.266613	-3.75076	0.0283477	1.62206	1.62206	0.272559	0.807815	-1.23791	0.597864	1.1046	1.1046	9.58115	5.29988	0.491695	1
cg13118072	0.873051	1.02819	1.02819	0.000146738	0.321294	-3.11241	0.796443	0.956058	-1.04596	0.281778	1.21464	1.21464	9.48135	4.53776	0.425421	1
cg21666768	0.368588	1.12427	1.12427	0.000595105	1.95884	1.95884	0.0945213	0.792064	-1.26252	0.0107796	0.666111	-1.50125	9.43747	2.40469	0.226491	1
cg08230118	0.946833	0.995104	-1.00492	0.0116658	0.792956	-1.2611	0.111436	1.13611	1.13611	0.0126581	1.25622	1.25622	9.1717	0.786882	0.0762618	1
cg15967169	0.0714484	0.787398	-1.27001	0.0727678	1.26829	1.26829	0.174774	0.842508	-1.18693	0.153773	0.83417	-1.1988	8.88021	1.98271	0.198465	1
cg16487328	0.00109443	0.231226	-4.32477	0.00234815	0.275041	-3.63582	0.385806	0.763132	-1.31039	0.00289407	0.287871	-3.47378	8.84153	12.9454	1.30147	1
cg24636541	0.00891622	1.51098	1.51098	7.17E-05	2.45303	2.45303	0.822684	0.972541	-1.02823	0.12067	0.81156	-1.2322	8.79096	2.14255	0.216642	1
cg09861075	0.0630531	0.856882	-1.16702	0.00766733	1.28807	1.28807	0.394901	1.06648	1.06648	0.263327	1.08996	1.08996	8.69482	0.7514	0.0768172	1
cg13434772	0.0564063	0.651954	-1.53385	0.00178473	0.414582	-2.41207	0.96353	0.990986	-1.0091	0.0108189	0.530536	-1.88489	7.96648	4.94788	0.552077	1
cg03717830	0.347771	1.16803	1.16803	0.543749	0.905985	-1.10377	0.00412784	0.539045	-1.85513	0.0818255	0.733584	-1.36317	7.46782	3.05282	0.363375	1
cg12792044	0.00914511	0.645115	-1.55011	0.00991375	1.5393	1.5393	0.0811835	1.29171	1.29171	0.688792	0.948094	-1.05475	7.38378	2.04991	0.246777	1
cg00713055	0.570062	1.06885	1.06885	0.000572269	1.85643	1.85643	0.0565757	0.778504	-1.28452	0.0342337	0.750817	-1.33188	7.10881	1.51516	0.189457	1
cg04956674	0.0578341	1.36616	1.36616	0.0737149	1.33646	1.33646	0.0791454	1.32786	1.32786	0.2633	0.843958	-1.18489	7.08257	2.37399	0.297944	1
cg06881695	0.0385612	0.522819	-1.91271	0.0222101	0.476239	-2.09979	0.0354711	1.93979	1.93979	0.252949	0.723877	-1.38145	7.08126	8.21345	1.03101	1
cg14986845	0.903024	1.01927	1.01927	0.175446	1.25303	1.25303	0.0151243	1.59569	1.59569	0.0147075	1.60016	1.60016	7.0484	2.73602	0.345045	1
cg02188299	0.000210014	0.324908	-3.0778	0.00579155	1.92616	1.92616	0.67512	0.926406	-1.07944	0.871128	0.970987	-1.02988	6.9391	3.61419	0.462972	1
cg10009801	0.0299737	1.66637	1.66637	0.00848688	1.95803	1.95803	0.182195	1.32733	1.32733	0.0583772	0.65197	-1.53381	6.85119	4.34001	0.563083	1
cg06212412	0.907377	1.02687	1.02687	0.00191695	2.72108	2.72108	0.231918	1.33064	1.33064	0.000858838	0.319655	-3.12837	6.83608	5.6205	0.730828	1
cg21763718	0.639487	0.881036	-1.13503	0.00256525	0.325419	-3.07296	0.52263	1.18999	1.18999	0.00553537	0.375812	-2.66091	6.77449	7.73293	1.01465	1
cg13362801	0.00774167	0.555181	-1.80121	0.310621	0.834868	-1.19779	0.459682	1.13827	1.13827	0.611523	0.915654	-1.09212	6.77301	3.17477	0.416656	1
cg25790586	0.878014	0.962555	-1.0389	0.352919	1.26808	1.26808	0.853185	1.04711	1.04711	0.456587	0.828291	-1.2073	6.64301	6.49544	0.869144	1
cg04785838	0.000291141	0.218945	-4.56736	0.332151	0.788173	-1.26876	0.781168	0.936162	-1.06819	0.358994	0.799085	-1.25143	7.62694	6.63017	0.67613	1
cg02216394	0.0496963	0.743934	-1.34421	0.000683978	0.503886	-1.98457	0.0762296	1.29775	1.29775	0.123747	0.80231	-1.2464	6.18857	1.71097	0.245753	1
cg00206463	0.062237	0.536461	-1.86407	0.000575084	0.205766	-4.85989	0.681308	0.884694	-1.13033	0.65094	0.873596	-1.14469	6.08332	8.48074	1.2392	1
cg19593182	0.458978	1.23126	1.23126	0.138559	1.5526	1.5526	0.00700937	2.61685	2.61685	0.0949161	1.65921	1.65921	5.9997	7.2331	1.07162	1
cg11556489	0.793157	0.896316	-1.11568	0.00270465	0.177983	-5.61851	0.0224863	3.12241	3.12241	0.699242	0.850688	-1.17552	5.95999	16.3779	2.44265	1
cg11512026	0.557739	0.852778	-1.17264	0.925372	0.975146	-1.02549	0.936511	1.02163	1.02163	0.00914044	0.410887	-2.43376	5.80989	6.64004	1.0159	1
cg14051639	0.318483	0.583265	-1.71449	0.0213825	0.235547	-4.24543	0.281428	0.556918	-1.7956	0.0161478	0.214617	-4.65947	5.72738	24.7999	3.84895	1
cg12084411	0.0947633	0.833568	-1.19966	0.0570552	0.807792	-1.23794	0.00637196	0.703291	-1.42189	0.97351	1.0033	1.0033	5.68456	0.884838	0.138361	1
cg18901633	0.0253458	1.50042	1.50042	0.0109286	1.62835	1.62835	0.49545	1.11143	1.11143	0.294721	0.847154	-1.18042	5.64548	2.08307	0.327982	1
cg23981611	0.62528	0.913523	-1.09466	0.000223871	3.09114	3.09114	0.881339	1.02783	1.02783	0.497557	0.881129	-1.13491	5.35461	2.86366	0.47538	1
cg02827244	0.0713692	1.40713	1.40713	0.0948812	1.36521	1.36521	0.599584	0.914069	-1.09401	0.160765	0.775621	-1.28929	5.35307	2.43881	0.40497	1
cg02191233	0.180211	1.13611	1.13611	0.176115	1.13765	1.13765	0.00468718	0.713881	-1.40079	0.325853	1.09523	1.09523	5.28094	0.672452	0.113187	1
cg11668876	0.766829	1.07908	1.07908	0.0403178	0.545399	-1.83352	0.558004	1.16372	1.16372	0.434997	0.81558	-1.22612	5.27752	5.47495	0.922141	1
cg24968291	0.314858	1.23815	1.23815	0.000506602	3.05505	3.05505	0.310514	1.2407	1.2407	0.853634	0.962754	-1.03869	5.22389	3.495	0.594704	1
cg11994620	0.00172653	0.376474	-2.65623	0.351689	0.811048	-1.23297	0.749028	1.07265	1.07265	0.00708811	0.467557	-2.13878	5.22141	3.94833	0.672161	1
cg14971718	0.228729	1.8341	1.8341	0.205938	0.526946	-1.89773	0.00217679	7.88491	7.88491	0.257382	1.76396	1.76396	5.183	18.9264	3.24589	1
cg25746489	0.494367	1.10832	1.10832	0.0799133	1.33375	1.33375	0.387003	1.14045	1.14045	0.0852711	0.754297	-1.32574	5.17666	1.80085	0.309225	1
cg24701662	0.00881693	1.73609	1.73609	0.00282006	1.97495	1.97495	0.697585	0.937446	-1.06673	0.11455	0.752829	-1.32832	5.10015	2.21041	0.385244	1
cg05864696	0.365917	0.489213	-2.0441	?	?	?	0.51342	1.66376	1.66376	0.29604	0.433815	-2.30513	5.7957	46.9252	7.08449	1
cg16446015	0.489101	0.850226	-1.17616	0.0124501	0.487697	-2.05046	0.154001	1.42245	1.42245	0.858252	0.959562	-1.04214	5.00813	4.22861	0.750533	1
cg06895103	0.001452	0.399546	-2.50284	0.720437	1.0743	1.0743	0.114024	0.70974	-1.40897	0.0541323	0.646686	-1.54634	4.9973	3.14766	0.559887	1
cg10793756	0.114829	0.790123	-1.26563	0.438419	1.11469	1.11469	0.577396	0.925587	-1.0804	0.938161	0.989398	-1.01072	4.9613	1.4829	0.265682	1
cg27204262	0.424883	1.11064	1.11064	0.00188425	1.76363	1.76363	0.0462295	1.34188	1.34188	0.962797	1.00602	1.00602	4.90762	1.28879	0.233431	1
cg16919028	0.185911	0.820293	-1.21908	0.0431737	0.71996	-1.38897	0.369081	0.877837	-1.13916	0.0726719	0.753641	-1.32689	4.89991	1.54815	0.280848	1
cg19776593	0.289827	1.51429	1.51429	0.253664	0.637472	-1.5687	0.505197	0.774629	-1.29094	0.00533083	0.249947	-4.00085	4.86066	10.9817	2.00827	1
cg25367940	0.00168722	0.479467	-2.08565	0.242086	0.818292	-1.22206	0.841724	0.967783	-1.03329	0.0400131	0.677906	-1.47513	4.80545	2.04176	0.377675	1
cg23055081	0.165962	0.862068	-1.16	0.00192834	0.643418	-1.5542	0.688825	1.04127	1.04127	0.026854	1.30138	1.30138	4.78844	0.765476	0.142097	1
cg22666115	0.654207	0.958165	-1.04366	0.00295721	0.679268	-1.47217	0.193406	0.877704	-1.13934	0.309041	1.10493	1.10493	4.6343	0.659415	0.12648	1
cg07011235	0.269795	1.19165	1.19165	0.00173822	1.97664	1.97664	0.255551	0.834346	-1.19854	0.990386	0.998163	-1.00184	4.62631	1.70582	0.327753	1
cg02769478	0.548703	0.805726	-1.24112	0.228734	1.56778	1.56778	0.656492	1.17274	1.17274	0.0276152	0.395681	-2.52729	4.49974	9.03047	1.7839	1
cg23858605	0.000752537	0.325024	-3.07669	0.0320226	1.73742	1.73742	0.742913	1.07506	1.07506	0.28936	0.785183	-1.27359	4.44529	3.40437	0.680743	1
cg05226043	0.820857	0.978794	-1.02167	0.0393821	1.25261	1.25261	0.00179021	0.65707	-1.52191	0.0303998	0.786263	-1.27184	4.36054	0.616765	0.125726	1
cg00558297	0.407338	1.09729	1.09729	0.0013974	1.66043	1.66043	0.215949	0.867064	-1.15332	0.877435	1.01705	1.01705	4.31564	0.820079	0.168911	1
cg09782726	0.0402128	0.545845	-1.83202	0.445573	1.2197	1.2197	0.199428	0.707314	-1.4138	0.259188	0.740332	-1.35074	4.30111	4.44389	0.918396	1
cg21335714	0.484945	0.792023	-1.26259	0.475745	0.787991	-1.26905	0.999432	1.00023	1.00023	0.798956	0.919565	-1.08747	4.26648	7.29416	1.51968	1
cg27252041	0.00194696	0.262088	-3.81551	0.0704297	1.85503	1.85503	0.789217	1.08532	1.08532	0.0640727	1.88873	1.88873	4.15797	6.14933	1.3146	1
cg13396830	0.194932	0.833952	-1.19911	0.825971	1.02959	1.02959	0.52762	1.08846	1.08846	0.164651	0.821724	-1.21695	4.15492	1.1543	0.246948	1
cg25938010	0.042329	0.45807	-2.18307	0.0366172	0.444495	-2.24974	0.575582	1.20785	1.20785	0.0306088	0.428229	-2.3352	4.11844	7.2705	1.5692	1
cg03028282	0.281232	1.30081	1.30081	0.0330125	1.79578	1.79578	0.312199	1.27825	1.27825	0.0372333	1.76447	1.76447	4.09771	3.57863	0.776288	1
cg02749752	0.704473	1.14031	1.14031	0.197971	1.59811	1.59811	0.00666409	3.36351	3.36351	0.0297129	2.41488	2.41488	4.02126	7.56094	1.67132	1
cg12439388	0.0418548	1.37979	1.37979	0.00215348	1.80641	1.80641	0.712346	0.95044	-1.05214	0.683481	0.945289	-1.05788	3.96599	1.18334	0.265219	1
cg26560341	0.0222331	1.32848	1.32848	0.844426	0.979844	-1.02057	0.108165	0.833893	-1.19919	0.412604	1.0907	1.0907	3.90658	0.664572	0.151214	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg14516390	TRIM26	0.0360569	0.004383	0.410153	-2.43831	0.0296132	0.372206	-2.68668	0.113917	0.514932	-1.942	0.34615	0.687126	-1.45534	0.0030519	0.207999	-4.80771	0.0478559	0.41767	-2.39424	0.0201579	0.339085	-2.94911	0.945353	0.973892	-1.02681	0.144874	0.546477	-1.8299	3.82564	9.02898	2.09673	1
cg14694232	TRIM26	0.0367019	0.512634	1.07411	1.07411	0.00444616	1.50473	1.50473	0.0621472	1.2537	1.2537	0.755276	1.03424	1.03424	0.830829	1.09043	1.09043	0.1691555	1.17083	1.17083	0.471973	0.924249	-1.08196	0.0241869	0.748731	-1.33559	0.204849	1.15493	3.80105	0.6978883	0.163202	1
cg22463097	TRIM26	0.0371872	0.0062457	0.25738	-3.8853	0.241568	0.626999	-1.5949	0.0943588	0.496437	-2.01435	0.0345534	0.391177	-2.55639	0.0103566	0.292359	-3.42045	0.0274016	0.370202	-2.70123	0.108205	0.513056	-1.94911	0.957966	1.02027	1.02027	0.0673287	0.458079	-2.18303	3.78289	8.68858	2.04161	1
cg08850245	TRIM26	0.0374321	0.2673374	0.753802	-1.3231	0.548039	1.15869	1.15869	0.00428809	0.29628	-2.52347	0.11643	0.68142	-1.5119	0.878183	0.03786	1.03786	0.1703786	1.14944	1.14944	0.104701	1.53678	1.53678	0.763042	0.17092	1.07602	0.0425372	0.567854	-1.76303	3.77385	3.50928	0.826574	1
cg26121436	TRIM26	0.0375322	0.0472696	0.649419	-1.53984	0.623305	1.09002	1.09002	0.333559	0.827226	-1.20886	0.765857	0.944789	-1.05844	0.021156	0.59140	-1.69065	0.7325293	1.06741	1.06741	0.00529232	0.21185	0.20185	0.34642	0.83161	-1.20249	0.593612	1.10786	3.70107	2.15947	0.509136	1
cg16257013	TRIM26	0.0378196	0.0217616	0.295609	-3.38285	0.0358148	0.339331	-2.94698	0.83133	0.909931	-1.09898	0.0964467	0.445303	-2.24264	0.678154	1.20282	1.20282	0.0707142	0.215586	-4.63853	0.210747	0.557292	-1.79237	0.949988	1.53068	1.53068	0.0303341	0.324414	-3.08509	3.70967	11.6599	2.75671	1
cg03782662	TRIM26	0.0398844	0.0343239	0.488638	-2.0465	0.167958	0.652952	-1.53151	0.205218	1.47359	1.47359	0.0260436	0.464803	-2.15145	0.00663103	0.359827	-2.77911	0.4019303	0.779695	-1.28255	0.42742	1.26495	1.26495	0.369436	1.30653	1.30653	0.804313	0.930522	-1.07467	3.68707	4.91334	1.18452	1
cg19368643	TRIM26	0.0411855	0.0718247	0.709874	-1.40849	0.638216	1.10687	1.10687	0.131862	0.805925	-1.24701	0.145738	1.30509	1.30509	0.668899	0.929275	-1.07611	0.2939237	1.20395	1.20395	0.00690936	0.53236	-1.87915	0.761756	0.949478	-1.05321	0.0203967	1.58911	1.58911	3.64365	1.67749	0.409234	1
cg26893623	TRIM26	0.0412167	0.776739	0.938333	-1.06572	0.678183	1.09792	1.09792	0.183832	0.729403	-1.37117	0.649932	0.902763	-1.10771	0.00310479	0.404238	-2.47379	0.0993426	0.667347	-1.49847	0.032709	0.743071	1.34075	0.723851	0.18266	1.08266	0.304308	0.788063	1.26893	3.62663	2.89169	0.705641	1
cg26589028	TRIM26	0.0426782	0.915792	1.04046	1.04046	0.600424	0.820229	-1.21917	0.447028	1.33723	1.33723	0.857028	0.934616	-1.06996	0.00804832	0.150131	-6.66087	0.421298	1.36075	1.36075	0.839459	0.926762	-1.07903	0.641746	0.838878	-1.19207	0.179043	0.585535	-1.70784	3.59588	8.00703	1.97931	1
cg26608443	TRIM26	0.0427324	0.0125562	0.192965	-5.1824	0.0315205	0.0934202	-3.68278	0.0775832	0.349797	-2.85888	0.432241	0.653229	-1.53066	0.0147893	0.3077	-3.2155	0.4539153	0.778257	-1.28509	0.42742	1.26495	1.26495	0.369436	1.30653	1.30653	0.804313	0.930522	-1.07467	3.68707	4.91334	1.18452	1
cg06892439	TRIM26	0.0449003	0.0862046	2.10407	2.10407	0.56829	0.797485	-1.25394	0.598555	1.23179	1.23179	0.0753746	0.23723	2.15951	0.0515953	0.0053764	0.23733	4.21354	0.570797	1.25207	1.25207	0.425275	0.736879	-1.35708	0.882762	1.05961	1.05961	0.0570277	0.429564	-2.32794	3.52845	8.60462	2.16768	1
cg16931706	TRIM26	0.0469377	0.595249	1.07561	1.07561	0.806699	1.01889	1.01889	0.0854472	1.56897	1.56897	0.0214661	0.686851	-1.45592	0.511614	0.919482	-1.09471	0.5454152	1.08683	1.08683	0.0231558	1.44533	1.44533	0.684097	0.940336	-1.06371	0.952866	1.03805	1.03805	3.40315	1.01561	0.260152	1
cg09129340	TRIM26	0.0476898	0.160404	1.19464	1.19464	0.134892	0.21607	-1.21607	0.0447965	0.52254	-1.91355	0.0763236	1.2704	1.2704	0.182055	0.8402054	-1.18757	0.0873102	1.25749	1.25749	0.552507	1.07566	1.07566	0.633241	0.943323	-1.06008	0.00512145	1.56653	1.56653	3.44041	0.8047775	0.207385	1
cg04281416	TRIM26	0.0483353	0.0466644	0.525102	-1.90439	0.0229469	0.351166	-1.37293	0.154589	0.649791	-1.53851	0.0649174	0.5565	-1.79695	0.0850246	0.584376	-1.71123	0.0203495	0.453534	-2.20491	0.372043	0.770177	-1.29581	0.54892	0.915257	-1.09259	0.338486	0.756558	-1.32178	3.41858	4.32857	1.1255	1
cg15343778	TRIM26	0.0484109	0.0972809	1.29711	1.29711	0.771848	1.04244	1.04244	0.796491	1.04049	1.04049	0.0503008	0.60136	-1.66229	0.307157	0.83719	-1.19477	0.0202229	1.84185	1.84185	0.31E-07	2.14559	2.14559	0.0002554	0.147425	1.12732	0.0040347	0.579409	1.7259	4.4097	0.51898	0.287705	1
cg03782662	TRIM26	3.71E-05	1.53E-06	0.225767	-4.42934	0.000170115	2.18718	2.18718	0.212261	1.1745	1.1745	0.0618715	0.773052	-1.29357	0.0446306	0.754088	-1.3261	0.5027233	0.920106	-1.08683	0.171498	1.19508	1.19508	0.0836501	1.26412	1.26412	0.00201211	0.586557	-1.70486	28.8086	6.83759	0.210974	1
cg01928896	TRIM26	0.0500116555	0.258641	0.832733	-1.20087	0.326125	0.302917	-3.30123	0.762004	1.04608	1.04608	0.906727	0.982756	-1.01754	0.0114524	0.625476	-1.59878	0.997586	0.99996	-1.00004	0.586106	0.2260144	-4.4345	0.905409	1.1978	1.01778	0.000306992	0.41928	-2.38504	22.9435	7.67918	0.309657	1
cg13060704	TRIM26	0.0501124766	0.0012405	0.174252	-5.73858	0.00330236	0.27673	-3.61363	0.0112784	0.501099	-1.99551	0.0508472	0.628602	-1.59187	0.0008247	0.186292	-5.36707	0.0200822	0.488735	-2.04861	0.27464	0.706	-1.41655	0.344996	0.852777	-1.17284	0.398476	-2.50996	0.778635	0.684657	-1.46059	21.4407	12.6935	0.526248	1
cg00259404	TRIM27	0.0003057	0.0009597	0.499513	-2.00195	0.0236694	0.701909	-1.42469	0.0003888114	0.476438	-2.09891	0.00065447	0.504375	-1.98265	0.0007896	0.514452	-1.94381	0.3939993	1.01762	1.01762	0.659136	0.943492	-1.05989	0.291963	1.15405	1.15405	2.19E-05	0.327055	-3.05759	18.2304	4.95747	0.241719	1
cg02160062	TRIM27	0.0011529	0.0403	1.45551	1.45551	0.0008031	0.0934202	-1.38518	0.0513575	0.644184	-1.5752	0.0002815	0.4439	-1.9486	0.0034955	0.444924	-2.24227	0.0400019	0.726186	-1.37706	1.74E-05	0.305519	-3.27312	0.0007358	0.789079	-1.90569	0.00236292	0.564557	1.7713	18.2042	5.23954	0.253845	1
cg05594872	TRIM27	0.0002508	3.36E-05	0.1816	-5.50662	0.0240407	0.407248	2.4525	0.00237105	0.274726	-3.63999	0.717407	0.925786	-1.08016	0.00133361	0.371703	-2.69203	0.822031	0.953327	-1.04896	0.260577	0.794016	-1.25918	0.000301349	0.287403	-3.47943	0.000444473	0.308498	-3.24152	17.7913	12.6831	0.633672	1
cg14781667	TRIM27	0.0005032353	0.0029626	0.390993	-1.75967	0.0382211	0.736556	-1.35755	0.0844657	0.526386	-1.9225	0.0264372	0.481177	-2.07859	0.0149422	0.3919	-3.05127	0.8338617	0.993016	1.03859	0.0596546	0.7509066	-1.33141	0.129508	0.79057	-1.26491	0.0926866	0.767071	-1.3656	3.62468	4.02047	0.928786	1
cg04835383	TRIM27	0.0008569	0.0089569	0.348577	-2.8688	0.0506052	0.493515	-2.02628	0.176792	0.634337	-1.57645	0.142401	0.606583	-1.64858	0.000165274	0.130648	-7.65416	0.0173244	0.398976	2.50642	0.000172117	0.13222	-7.56314	0.026582	2.30084	2.30084	0.000663329	0.191577	5.21984	13.7907	21.9516	1.41491	1
cg09409585	TRIM27	0.0008598	0.0129781	0.5567	-1.79834	0.0312408	0.167785	1.61785	0.631709	0.912174	-1.09628	0.116468	1.38359	1.38359	0.0180784	0.578948	-1.72727	0.100572	0.710076	-1.4083	0.4161	0.2353105	-4.28996	0.40651	1.17542	1.17542	0.00342783	0.469167	-2.13144	12.28	7.04656	0.510068	1
cg27416748	TRIM27	0.0009129	0.1343584	1.44955	1.44955	0.0886829	1.1719	1.1719	0.603822	1.09809	1.09809	0.0557477	0.72105	-1.38607	0.188E-05	0.57852	-1.72863	0.462184	1.14314	1.14314	0.353948	1.18586	1.18586	0.431747	0.921353	1.09231	0.0822495	0.238449	1.24605	1.24605	0.2104	0.440762	1
cg16723189	TRIM27	0.0011837	0.8044334	0.950183	-1.05243	0.000181311	3.68627	3.68627	0.000124575	3.96464	3.96464	0.246156	1.28379	1.28379	0.714514	1.07861	1.07861	0.1969312	1.32445	1.32445	0.152504	0.729314	-1.37115	0.45477	0.854856	-1.16979	0.0146073	1.85781	1.85781	11.2153	7.53574	0.597256	1
cg05152164	TRIM27	0.0013454	0.3785907	0.828008	-1.20753	0.0188574	0.502218	-1.44463	0.0015107	0.626565	-1.59687	0.0010562	0.129549	1.93402	0.0002565	0.0415257	2.41006	0.1190469	1.70462	1.70462	0.0001445	2.56706	2.56706	0.0015244	0.597208	-1.67446	0.0001091	0.0550634	-1.79848	30.812	7.47166	0.243247	1
cg10401017	TRIM27	0.0019084	0.495963	0.868506	-1.1514	0.236535	0.776522	-1.28779	0.0060536	0.343	-2.90445	0.315028	0.809069	-1.23599	0.0129213	0.76836	-1.30147	8.16E-05	0.23491	-4.25696	0.935278	1.0167	0.975894	1.00618	1.00618	1.00045325	0.456791	1.49776	1.44476	5.35431	0.479306	0.585477	1
cg14633298	TRIM27	0.0025404	0.0003940	0.112886	-8.85847	0.948319	0.975557	-1.02506	0.0283887	0.36797	-2.71762	0.972587	1.01337	1.01337	0.000177895	0.0859251	-11.6383	0.2670197	0.639699	-1.56324	0.763911	1.12035	1.12035	0.0145241	0.585741	-2.59241	0.0679191	0.453807	-2.20358	8.98905	21.2573	2.10204	1
cg11362785	TRIM27	0.0029215	7	0.0	0.0	0.0	0.0	-1.09578	0.0797861	0.388973	-1.01115	0.0922738	0.722022	-1.38483	0.0001145	0.0822693	-12.1625	0.9135366	0.955894	-1.0454	0.0003554234	0.0818625	-12.2156	0.147777	0.523791	-1.90919	0.0436259	2.62744	2.62744	8.41815	3.2679	0.244312	1
cg20986887	TRIM27	0.0029269	0.0219374	0.509079	-1.96433	0.00229934	0.236801	-4.22296	0.0617202	0.598183	-1.67173	0.0684402	0.607654	-1.64567	0.59244	1.14106	1.14106	0.7540595	0.926134	-1.07976	0.00709237	0.427614	-2.33856	0.0690203	0.608435	-1.64356	0.00573154	0.271988	-3.67664	6.621	8.14235	0.839536	1
cg07162905	TRIM27	0.0029363	0.0007603	0.2964	-3.37331	0.13841	0.316376	3.31692	0.0116376	0.512662	-1.95243	0.0877733	0.816376	-1.22428	0.0877733	0.816376	-1.22428	0.7881755	0.926975	-1.07897	0.0004	0.0001	0.0004	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg19494464	TRIM27	0.0036296	0.393934	0.735603	-1.35943	0.409114	1.34564	1.34564	0.466786	0.770743	-1.29745	0.301606	1.45695	1.45695	0.823063	0.9242468	-2.08194	0.0413634	0.349176	-2.92418	0.000178375	0.10725	-9.32404	0.00184092	0.2110598	-4.75715	0.2148	0.631793	-1.5828	0.08525	15.8342	1.7408	1
cg06126060	TRIM27	0.0041529	0.6535457	0.70516	1.07516	0.286846	1.19411	1.19411	0.0102526	0.595087	-1.68043	0.0202524	0.566811	1.56681	0.00059083	0.418553	-2.38918	0.183416	1.25554	1.25554	0.057283	0.706247	-1.41195	0.226785	0.815825	-1.22575	0.0372702	0.678555	-1.47372	7.76409	3.16383	0.362218	1
cg18578954	TRIM27	0.0041709	0.0137609	0.4487	-2.22918	0.0636529	0.364539	-2.74325	0.0222	0.644413	-1.55272	-2.61663	0.1031955	0.474038	0.10067	0.6023265	-1.66019	0.0479267	0.383857	2.60606	0.000555945	0.0138671	-7.77775	0.812279	0.90563	-1.1042	0.0011353	1.36033	-2.36151	0.2674	0.244388	1
cg10729419	TRIM27	0.0049160	0.50626	1.07882	1.07882	0.00653129	1.48822	1.48822	0.0747668	1.25019	1.25019	0.222083	1.15531	1.15531	0.00855754	0.685656	-1.45846	0.2820356	0.885816	-1.13402	0.00194656	1.63725	1.63725	0.196681	0.857639	-1.16599	0.0528332	0.780669	-1.28095	7.3766	1.47873	0.178188	1
cg27120125	TRIM27	0.0052832	0.0122037	0.514558	-1.94219	0.0479315	0.139315	-3.44188	0.0408883	0.377579	-2.64845	0.85858	1.05294	1.05294	0.715266	0.889454	-1.11179	0.0004499	0.0179543	4.48434	0.000145	0.0010356	0.0004499	-10.4767	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg12989745	TRIM27	0.0055996	0.607814	0.06371	1.06371	0.158631	0.835452	-1.19696	0.0299743	1.35681	1.35681	0.349824	0.891524	-1.12167	0.367036	0.8953333	1.1169	0.0018836	1.69169	1.69169	0.0065599	1.89306	1.89306	0.0042397	1.00086	1.00086	0.24779	1.15507	1.15507	0.73805	1.59807	0.2004	1
cg27358207	TRIM27	0.0059429	0.0059596	0.0605304	0.706552	-1.41532	0.0785749	0.827537	-1.20841	0.752923	0.966474	-1.03469	0.753543	1.03099	1.03099	0.323322	0.905689	-1.10413	0.0040108	1.45443	1.45443	0.00322646	0.67749	-1.47604	0.3106	1.10204	1.10204	0.0735993	1.2132	1.2132	6.99616	1.04023	0.132165	1
cg20525926	TRIM27	0.0061940	0.7193371	0.8458	-1.1825	0.0999858	0.2172	-2.17222	0.167195	0.620723	-1.61115	0.0027963	0.884777	-1.13009	0.0018377	0.6412	-1.56027	0.0158706	0.643101	-1.55407	0.0889	0.1323451	-7.55496	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg25176282	TRIM27	0.0064602	0.1144833	0.683068	-1.46398	0.00297897	0.270191	-3.70109	0.026065	0.555996	-1.79857	0.332569	1.24881	1.24881	0.768011	1.06796	1.06796	0.125549	1.44558	1.44558	0.052609	0.601275	-1.66303	0.716387	1.08448	1.08448	0.0413662	0.592747	-1.68706	6.78234	5.30756	0.695606	1
cg27257926	TRIM27	0.0065883	0.1548877	0.682227	-1.46572	0.0139858	0.1717	-2.1717	0.0312055	0.448066	-2.2349	0.0557672	0.720935	-1.38693	0.0009	0.0009	0.0009	0.4628843	0.69247	-1.4441	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	1
cg03671447	TRIM27	0.0079054	0.14058	1.16715	1.16715	0.108488	0.720666	-1.38761	0.756766	0.970161	-1.03076	0.0322598	0.726397	1.03099	1.03099	0.323322	0.905689	-1.10413	0.2684545	1.89372	1.89372	0.00322646	0.67749	-1.47604	0.3106	1.10204	1.10204	0.0735993	1.2132	1.2132	6.99616	1.04023	0.132165	1
cg02465979	TRIM27	0.0079873	0.937706	0.928008	-1.07753	-1.1742	0.3705	0.951958	1.0256	0.829458	1.2256	0.0023	0.98058	1.10062	0.129549	1.93402	0.0002565	0.0415257	2.41006	0.1190469	1.70462	1.70462	0.0001445	2.56706	2.56706	0.0015244	0.597208	-1.67446	0.3106	1.10204	1.10204	0.0735993	1.2132	1.2132	6.99616	1.04023	0.132165	1
cg26539080	TRIM27	0.0087348	0.0021207	0.546808	-1.8288	0.15503	1.16137	1.16137	0.457134	1.11163	1.11163	0.0603209	0.599621	-1.66272	0.117934	0.7788268	-1.28369	0.2504	1.20204	1.20204	0.083756	0.765323	-1.30604	0.0396508	0.737168	-1.35641	0.176076	1.90879	0.274959							
cg27383651	TRIM27	0.0088738	0.0894323	0.431355	-2.31828	0.127458	2.09601	2.09601	0.88109	1.06952	1.06952	0.0446221	0.815881	2.81588	0.0010406	0.113039	-8.84649	0.2803663	0.604548	-1.65413	0.06838	0.400048	-2.4997	0.368043	1.51459	1.51459	0.0159721	0.265907	-3.76071	6.14034	19.6058	2.83817	1
cg25289551	TRIM27	0.0089783	0.8354349	1.04076	1.04076	0.6025	1.20303	1.20303	0.455326	1.0355097	1.16136	0.163333	1.32187	1.32187	0.0004851	0.756458	-1.32189	0.2676	1.76412	1.76412	0.0001875586	0.326548	-3.06234	0.0012602	0.5201	-1.92307	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg15658931	TRIM27	0.0092263	0.5226502	-1.76928	0.0100954	0.386544	-2.58702	0.0058094	0.210498	-4.75063	0.830037	0.938993	-1.06497	0.631671	0.868115	1.15192	0.3558822	0.757204	1.32605	1.32605	0.0023097	0.5180235	-1.93055	0.0015664	0.387183	-2.58276	0.424593	0.647157	-1.62033	5.83935	7.93018	1.20716	1
cg05658455	TRIM27	0.0100812	0.3495513	0.806572	-1.23971	0.0281234	0.295154	-3.38464	0.0644635	0.443429	-2.36167	0.904135	0.957348	-1.04455	0.003720924	0.243	-4.12712	0.0197246	0.363035	-2.75401	0.000188936	0.2002258	-4.99186	0.617074	1.20006	1.20006	0.1159447	0.532973	-1.87627	5.7626	1.84247	1					
cg06600118	TRIM27	0.0119953	0.0364703	0.62623	-1.21032	0.0182733	1.25222	1.25222	0.0543086	0.6104	1.18726	1.18726	0.2193124	0.917933	1.0894	0.8811375	1.16396	1.16396	1.18708	1.18708	0.0743797	0.743397	-1.34516	0.169961	0.805566	-1.24162	0.0652588	1.16262	1.16262	5.57421	0.544263	0.0867907	1
cg01794889	TRIM27	0.0130091	0.731851	0.942199	-1.06135	0.103199	1.36143	1.36143	0.00428204	1.91004	1.91004	0.974294	1.00559	1.00559	0.950592	0.889678	-1.124	0.1865815	1.02971	1.02971	0.00110197	0.434758	-2.30013	0.826474	0.962752	-1.03869	0.533077	0.896481	-1.11547	5.4289	2.5762	0.421809	1
cg03718056	TRIM27	0.0130765	0.0508278	0.633877	-1.57781	0.0382211	0.736556	1.36143	0.0104765	0.574074	-1.74196	0.210355	0.880504	1.13893	0.5072	0.8602	-1.16255	0.7583834	0.993656	-1.00727	0.0223071	0.784859	0.827	1.20806	0.5602	1.56602	0.0078905	0.460768	1.21871	5.0054	2.0175	0.690139	1
cg18907454	TRIM27	0.0163061	0.0114654	0.328256	-3.0464	0.019838	0.371407	-2.69246	0.194589	0.61679	-1.6213	0.249706	0.650801	-1.53657	0.00171227	0.206671	-4.8386	0.0346065	0.419943	-2.38127	0.0218067	0.3793	-2.63644	0.34568	1.40778	1.40778	0.3675559	0.721837	-1.38535	5.0391	9.8977	1.74594	1
cg22900372	TRIM27	0.0164762	0.110564	0.640259	-1.65355	0.00838998	0.177579	-1.64845	0.85858	1.05294	1.05294	0.715266	0.889454	-1.11179	0.000494858	0.200537	-4.84174	0.0492501	0.966498	-1.03466	0.707276	0.915598	1.09395	0.749605	1.13404	1.13404	0.0131734	0.64479	-1.77974	4.1334	0.0855	0.9897	1.74594	1
cg14667731	TRIM27	0.0170512	0.939416	0.988133	-1.01201	0.547535	1.10031	1.10031	0.0362306	0.682176	-1.46589	0.0200524	0.569121	-1.55372	0.0314471	0.672794	-1.48634	0.1335051	1.28942	1.28942	0.0157181	1.59192	1.59192	0.379697	0.868027	-1.15204	0.0476894	1.4271	1.4271	4.96448	1.93946	0.34726	1
cg08404201	TRIM27	0.0197285	0.585249	1.13767	1.13767	0.764822	1.07274	1.07274	0.790454	1.06432	1.06432	0.4703321	1.18756	1.18756	0.305474	0.780079	-1.28192	0.5008319	0.8522	-1.17343	0.000306467	0.25357	-3.94369	0.268413	0.763528	-1.30971	0.760162	1.07429	1.07429	4.72645	4.11085	0.771236	1
cg20128562	TRIM27	0.0199254	0.1550775	0.61562	-1.62447	0.3705	0.951958	1.0256	0.829458	1.2256	0.0023	0.98058	1.10062	0.129549	1.93402	0.0002565	0.0415257	2.41006	0.2676	1.76412	1.76412	0.0001875586	0.326548	-3.06234	0.0012602	0.5201	-1.92307	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg27100266	TRIM27	0.0228808	0.281025	0.826738	-1.20957	0.0222764	0.483158	-2.06972	0.00170908	0.467444	-2.13929	0.690991	1.0702	1.0702	0.299501	0.833111	-1.20032	0.4082333	0.866197	-1.15447	0.962426	0.990933	-1.01083	0.212147	0.799978	-1.25003	0.197796	0.793615	-1.26006	4.6929	2.0188	0.405951	1
cg06395502	TRIM27	0.0233226	0.0854482	0.618408	-1.61725	0.0382211	0.736556	-1.35755	0.0844657	0.526386	-1.9225	0.0264372	0.481177	-2.07859	0.0149422	0.3919	-3.05127	0.8338617	0.993016	-1.00727	0.0223071	0.784859	0.827	1.20806	0.5602	1.56602	0.0078905	0.460768	1.21871	5.0054	2.0175	0.690139	1
cg18954047	TRIM27	0.0261773	0.0138589	0.299851	-3.33499	0.179213	0.568282	-1.75969	0.0697145	0.44779	-2.23319	0.861589	1.07157	1.07157	0.00489175	0.228267	-4.38084	0.0550982	0.42257	-2.36647	0.0270455	0.354587	-2.82018	0.975152	0.987739	-1.01241	0.012425	1.2916	-3.42916	4.28788	10.6542	2.20865	1
cg18234193	TRIM27	0.0269228	0.063011	0.790271	-1.26539	0.657106	0.786754	-1.27105	0.0293062	0.252017	-3.96799	0.640101	1.28762	1.28762	0.0344113	0.265937	-3.7603	0.0771281	0.348171	-2.87215	0.00101947	0.0376629	-13.557	0.53966	0.716525	-1.39563	0.105664	0.387183	-2.58276	4.26493	19.3794	4.05709	1
cg20286331	TRIM27

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15093247	TRIM31	0.0136454	0.122868	0.647111	-1.54533	0.00119846	3.44102	3.44102	0.555948	1.16775	1.16775	0.218575	1.40064	1.40064	0.862597	1.04614	1.04614
cg10283825	TRIM31	0.014226	0.0781481	0.313074	-3.19413	0.0161575	5.7325	5.7325	0.644013	0.758729	-1.31799	0.167462	0.417654	-2.39433	0.0547493	0.274503	-3.64294
cg27342919	TRIM31	0.0171335	0.0608157	5.32895	5.32895	0.00613991	16.9556	16.9556	0.0533137	5.68549	5.68549	0.228414	2.72046	2.72046	0.917743	1.08522	1.08522
cg21232488	TRIM31	0.0174536	0.0263476	5.86544	5.86544	0.00127452	23.4805	23.4805	0.145764	2.8547	2.8547	0.394366	1.79666	1.79666	0.959206	0.966229	-1.03495
cg27123071	TRIM31	0.0251631	0.300305	0.596204	-1.67728	0.105322	2.34586	2.34586	0.670494	1.22902	1.22902	0.0376072	0.312799	-3.19694	0.0639068	0.366605	-2.72773
cg08502360	TRIM31	0.0268818	0.0290101	0.196618	-5.08599	0.214211	0.437619	-2.28509	0.0925938	0.310481	-3.2208	0.0550316	0.252883	-3.9544	0.0171165	0.159376	-6.27445
cg01963633	TRIM31	0.0324103	0.155619	2.78102	2.78102	0.00928322	9.22684	9.22684	0.398685	1.78905	1.78905	0.230462	2.33245	2.33245	0.0282609	0.174881	-5.71817
cg00799826	TRIM31	0.0348621	0.276739	0.341396	-2.92915	0.0201783	14.3194	14.3194	0.0130469	0.0536275	-18.6472	?	?	?	?	?	?
cg10978585	TRIM31	0.0385346	0.0274238	4.16464	4.16464	0.00688467	6.77455	6.77455	0.197672	2.10561	2.10561	0.293891	1.81367	1.81367	0.511263	1.43955	1.43955
cg17102747	TRIM31	0.0419683	0.768087	0.839258	-1.19153	0.099815	0.343424	-2.91185	0.102064	0.346299	-2.88768	0.294017	0.524653	-1.90602	0.398113	0.598871	-1.66981
cg15601071	TRIM31	0.0447999	0.274731	0.775673	-1.2892	0.18794	0.73206	-1.36601	0.380682	0.817914	-1.22262	0.372657	0.814984	-1.22702	0.00142414	0.35644	-2.80552
cg11100081	TRIM31	0.0481735	0.0682033	2.10378	2.10378	0.0382387	2.39814	2.39814	0.659259	1.1754	1.1754	0.820991	0.920773	-1.08604	0.0474	2.2844	2.2844
cg00760200	TRIM33;TRIM33	3.37E-05	0.0496997	0.765711	-1.30598	0.189747	0.847372	-1.18012	0.0833464	1.25679	1.25679	0.00112229	0.56442	-1.77173	0.000181687	0.470002	-2.12765
cg23894320	TRIM33;TRIM33	0.000299658	0.0149627	1.36775	1.36775	0.0478742	1.26716	1.26716	0.0671333	1.23959	1.23959	0.795949	1.0275	1.0275	0.178697	1.16131	1.16131
cg17645130	TRIM33;TRIM33	0.000922483	0.345396	0.906875	-1.10269	0.605132	0.948888	-1.05386	0.911938	1.01119	1.01119	0.0936764	1.20374	1.20374	0.0642231	0.811254	-1.23266
cg20992663	TRIM33;TRIM33	0.00961622	0.00200914	0.201075	-4.97328	0.0112874	3.21482	3.21482	0.359181	0.706846	-1.41474	0.626503	0.834873	-1.19779	0.106516	0.522795	-1.9128
cg23725246	TRIM33;TRIM33	0.0110391	0.837863	0.945881	-1.05722	0.00485668	0.362733	-2.75685	0.105658	0.618799	-1.61603	0.5191	1.19421	1.19421	0.297453	0.745791	-1.34086
cg16412629	TRIM33;TRIM33	0.0140218	0.652212	1.10988	1.10988	0.00834593	2.16973	2.16973	0.219574	1.34535	1.34535	0.232365	0.749909	-1.3335	0.00089949	0.319214	-3.1327
cg22298615	TRIM34;TRIM34;TRIM34;TRIM34;TRIM6-TRIM34	8.14E-05	0.1613	0.826647	-1.20971	0.985699	1.00228	1.00228	0.00811177	0.649618	-1.53937	0.318749	1.14012	1.14012	0.546842	0.925341	-1.08068
cg19259280	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM34	8.02E-06	0.0112729	0.658409	-1.51881	0.00284635	0.582285	-1.71737	0.00458708	0.608439	-1.64355	0.875254	1.0209	1.0209	0.271513	0.860092	-1.16267
cg23217386	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM34	0.000172987	0.0177939	0.432552	-2.31186	0.00655453	0.358026	-2.79309	0.00380404	0.321352	-3.11185	0.0158666	0.42347	-2.36144	0.000381216	0.192021	-5.20777
cg17976229	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM34	0.000883397	0.25832	0.686809	-1.45601	0.160925	0.620645	-1.61123	0.00820492	0.340509	-2.93678	0.0384021	0.465727	-2.14718	0.32822	0.725093	-1.37913
cg17412442	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM34	0.000886341	0.773753	0.928789	-1.07667	0.193895	0.703069	-1.42234	0.378568	0.793308	-1.26055	0.0625937	0.584453	-1.711	0.601619	0.87371	-1.14454
cg22160073	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM34	0.00340332	0.00285639	0.14002	-7.14186	0.0511478	0.345171	-2.89712	0.00434696	0.161206	-6.20325	0.00985367	0.209672	-4.76935	0.00325486	0.146363	-6.83234
cg23442112	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM78P	5.54E-05	0.00059182	0.25257	-3.9593	0.102597	1.58928	1.58928	0.0736528	0.596171	-1.67737	0.00198376	0.322058	-3.10503	0.00359011	0.359574	-2.78107
cg20583016	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM78P	0.000395044	0.000948099	0.227151	-4.40236	0.507848	1.22392	1.22392	0.023016	0.441433	-2.26535	0.0781596	0.555095	-1.80149	0.287967	0.717626	-1.39348
cg08882738	TRIM34;TRIM34;TRIM34;TRIM6-TRIM34;TRIM78P	0.00357862	0.0911079	0.582739	-1.71604	0.380564	0.770285	-1.29822	0.219176	0.687312	-1.45494	0.405654	0.781238	-1.28002	0.286068	1.37917	1.37917
cg08925169	TRIM34;TRIM78P;TRIM34;TRIM34;TRIM6-TRIM34	0.00307623	0.00950523	0.198664	-5.03363	0.149819	2.1373	2.1373	0.376288	0.639771	-1.56306	0.0223704	0.260213	-3.843	0.187149	0.5027	-1.98926
cg07421169	TRIM35	0.0043695	0.00534395	1.46851	1.46851	0.025188	0.756704	-1.32152	0.00336633	0.658568	-1.51845	0.754964	1.03333	1.03333	0.00494655	0.677218	-1.47663
cg05755408	TRIM35	0.00921444	0.000916008	0.242246	-4.12803	0.10997	1.64629	1.64629	0.727007	1.10549	1.10549	0.273818	0.721917	-1.3852	0.0994261	0.596447	-1.67659
cg02626909	TRIM35;PTK2B;PTK2B	0.000233946	0.0193461	0.552915	-1.8086	0.00212643	2.47076	2.47076	0.0238947	1.75886	1.75886	4.88E-05	0.202017	-4.95008	0.323246	0.807548	-1.23832
cg21299372	TRIM35;PTK2B;PTK2B;PTK2B;PTK2B	0.0104069	0.25899	1.11028	1.11028	0.0384908	0.808179	-1.23735	0.351895	1.08883	1.08883	0.00457249	1.3985	1.3985	0.0856135	1.18386	1.18386
cg03217209	TRIM36	0.000571992	0.0137763	0.713782	-1.40099	0.00118506	0.590634	-1.6931	0.000312946	0.523524	-1.91013	0.613615	0.945177	-1.058	0.599793	1.06038	1.06038
cg08979136	TRIM36	0.00102798	0.708974	0.928843	-1.07661	0.00339303	2.19066	2.19066	6.45E-05	4.24471	4.24471	0.119326	0.716919	-1.39486	0.662992	1.09017	1.09017
cg06548710	TRIM36	0.0029538	0.707061	0.932199	-1.07273	0.363836	0.840679	-1.18952	0.0282519	0.617722	-1.61885	0.187545	0.771249	-1.2966	4.78E-05	0.240712	-4.15435
cg22937891	TRIM36	0.00598113	0.0016341	0.697186	-1.43434	0.107036	1.15103	1.15103	0.0323294	1.22184	1.22184	0.185561	0.893842	-1.11877	0.380744	1.07452	1.07452
cg01704400	TRIM36	0.018311	0.49617	0.942843	-1.06062	0.00904279	1.32661	1.32661	0.00847235	1.33146	1.33146	0.631901	1.04197	1.04197	0.0566202	0.832103	-1.20177
cg05936516	TRIM36;TRIM36	0.0489138	0.0315911	0.272759	-3.66624	0.459779	1.47393	1.47393	0.459251	0.678137	-1.47463	0.0385517	0.290758	-3.43929	0.0134284	0.206423	-4.84443
cg04450862	TRIM36;TRIM36;TRIM36	1.05E-06	0.00602916	0.621473	-1.60908	9.49E-06	0.281981	-3.54633	0.446198	1.10843	1.10843	0.236221	1.17887	1.17887	0.792435	1.03558	1.03558
cg09312149	TRIM36;TRIM36;TRIM36	8.70E-05	0.0341352	0.577619	-1.73124	2.76E-05	0.15982	-6.25706	0.00349939	0.415021	-2.40951	0.35727	0.810438	-1.2339	0.0117913	0.497483	-2.01012
cg10693071	TRIM36;TRIM36;TRIM36	0.0001733	0.779843	0.929846	-1.07545	0.000920061	0.27659	-3.61546	0.00168276	0.31179	-3.20728	0.751281	1.08604	1.08604	0.612316	0.875772	-1.14185
cg16604243	TRIM36;TRIM36;TRIM36	0.000214218	0.661498	0.874029	-1.14413	0.353888	0.747153	-1.33841	0.305358	0.722996	-1.38313	0.741157	0.903662	-1.10661	0.204817	0.664412	-1.50509
cg21970794	TRIM36;TRIM36;TRIM36	0.000770273	0.261537	1.12709	1.12709	5.43E-05	0.463623	-2.15692	0.00461766	0.68036	-1.46981	0.112011	1.19343	1.19343	0.0161932	1.35061	1.35061
cg09179084	TRIM36;TRIM36;TRIM36	0.00164016	0.0279881	0.475375	-2.1036	0.0176411	0.437396	-2.28626	0.184955	0.668502	-1.49588	0.612333	0.863832	-1.15763	0.0020297	0.287521	-3.47801
cg04974775	TRIM36;TRIM36;TRIM36	0.0122239	0.311526	0.723978	-1.38126	0.0135758	0.38977	-2.56561	0.350485	0.743445	-1.34509	0.915205	1.0334	1.0334	0.0019038	0.257449	-3.88427
cg11275737	TRIM36;TRIM36;TRIM36	0.0245334	0.630627	0.929434	-1.07592	0.0154196	0.638269	-1.56674	0.0371528	0.693875	-1.44118	0.334663	0.86046	-1.16217	0.366398	1.15046	1.15046
cg10569615	TRIM36;TRIM36;TRIM36;TRIM36;TRIM36;TRIM36	4.51E-06	0.124841	0.721759	-1.3855	0.11444	1.40067	1.40067	0.283471	0.803569	-1.24445	0.0297419	0.605288	-1.65211	0.00109173	0.388462	-2.57425
cg05725804	TRIM36;TRIM36;TRIM36;TRIM36;TRIM36;TRIM36	2.63E-05	0.106475	0.737636	-1.35568	0.776808	1.05029	1.05029	0.435495	0.871662	-1.14723	0.847364	0.96728	-1.03383	0.583609	1.10028	1.10028
cg09463882	TRIM36;TRIM36;TRIM36;TRIM36;TRIM36;TRIM36	3.02E-05	0.0776073	1.81992	1.81992	0.169548	0.639729	-1.56316	0.343391	0.742321	-1.34713	0.421588	0.778313	-1.28483	0.640354	1.15447	1.15447
cg13750123	TRIM36;TRIM36;TRIM36;TRIM36;TRIM36;TRIM36	0.000359095	0.257767	1.2799	1.2799	0.483482	1.16046	1.16046	0.374383	1.2099	1.2099	0.387874	0.831152	-1.20315	0.550814	1.13442	1.13442
cg19636656	TRIM36;TRIM36;TRIM36;TRIM36;TRIM36;TRIM36	0.000734675	0.590096	1.16952	1.16952	0.653812	1.13881	1.13881	0.955171	1.01632	1.01632	0.168209	1.52629	1.52629	0.328168	1.33725	1.33725
cg21647833	TRIM37;TRIM37	0.00780982	0.081358	0.791177	-1.26394	0.203443	0.849799	-1.17675	0.00522401	1.56321	1.56321	0.2354	0.860045	-1.16273	0.307331	1.13669	1.13669
cg02246053	TRIM37;TRIM37	0.0139327	0.0662705	0.758444	-1.31849	0.00139286	1.86203	1.86203	0.748199	1.04418	1.04418	0.377174	0.885479	-1.12933	0.923133	0.98713	-1.01304
cg04504128	TRIM37;TRIM37	0.029849	0.909977	1.01411	1.01411	0.463365	1.09687	1.09687	0.00272799	1.66951	1.66951	0.406401	0.900135	-1.11094	0.0531151	0.761695	-1.31286
cg17082373	TRIM37;TRIM37	0.0369742	0.190932	1.19844	1.19844	0.18835	0.833429	-1.19986	0.0376326	1.37059	1.37059	0.00802366	0.641437	-1.559	0.15396	0.819123	-1.22082
cg14067364	TRIM37;TRIM37	0.037048	0.543507	0.906245	-1.10345	0.189908	0.800697	-1.24891	0.533823	0.90404	-1.10615	0.493469	0.894637	-1.11777	0.469028	1.12517	1.12517
cg17313269	TRIM38	0.00206408	0.233441	0.756077	-1.32262	0.747838	0.930349	-1.07487	0.00849329	0.471481	-2.12097	0.867434	0.9633	-1.0381	0.0346825	0.576302	-1.7352
cg11571304	TRIM38	0.00396292	0.0755733	1.61614	1.61614	0.251496	0.74771	-1.33742	0.318334	0.778568	-1.28441	0.00281024	0.368254	-2.71552	0.00106241	0.309013	-3.23611
cg22502502	TRIM38	0.00456177	0.0197484	0.424744	-2.35436	0.165437	0.637662	-1.56823	0.00337164	0.297373	-3.36278	0.00176526	0.25801	-3.87582	0.0156908	0.406285	-2.46133
cg22262055	TRIM38	0.00997295	0.260211	1.25343	1.25343	0.00091652	0.385605	-2.59333	0.0230957	0.593025	-1.68627	0.408444	1.17659	1.17659	0.616491	0.907445	-1.102
cg09241284	TRIM39;HCG18;HCG18;TRIM39	1.11E-05	0.868187	1.03443	1.03443	0.20069	0.759224	-1.31713	0.188297	0.752675	-1.32859	7.31E-08	0.0255497	-39.1394	0.352287	0.822764	-1.21542
cg09540121	TRIM39;HCG18;HCG18;TRIM39	1.65E-05	3.55E-05	1.38625	1.38625	0.00020628	0.775386	-1.28968	0.00161391	0.831073	-1.20326	0.762486	0.987671	-1.01248	0.000330399	1.26776	1.26776
cg19614744	TRIM39;HCG18;HCG18;TRIM39	0.000328911	0.0107622	0.611741	-1.63468	0.941963	0.988895	-1.01123	0.0233938	1.515	1.515	0.0207837	0.652565	-1.53241	0.97266	1.00527	1.00527
cg12255318	TRIM39;HCG18;HCG18;TRIM39	0.00237235	0.850802	1.05694	1.05694	0.290025	0.723992	-1.38123	0.861726	0.950018	-1.05261	0.420061	1.27416	1.27416	0.514165	0.823189	-1.21479
cg05393509	TRIM39;HCG18;HCG18;TRIM39	0.00389253	0.950827	1.00444	1.00444	0.163859	1.11262	1.11262	0.134287	0.890485	-1.12298	0.202851	1.10139	1.10139	0.485144	1.05227	1.05227
cg22503499	TRIM39;HCG18;HCG18;TRIM39	0.0146742	0.0865131	1.21254	1.21254	0.92297	0.990205	-1.00989	0.443695	1.08273	1.08273	0.791517	0.973396	-1.02733	0.00913347	1.4008	1.4008
cg11769440	TRIM39;HCG18;HCG18;TRIM39	0.0331533	0.250429	0.854298	-1.17055	0.0326773	1.38782	1.38782	0.161422	0.821939	-1.21664	0.927609	1.01199	1.01199	0.637101	1.06429	1.06429
cg10506549	TRIM39;HCG18;HCG18;TRIM39	0.0413016	0.507564	1.3082	1.3082	0.0697613	2.24887	2.24887	0.0516104	2.42374	2.42374	0.133504	1.90936	1.90936	0.309	1.5231	1.5231
cg00304288	TRIM39;HCG18;HCG18;TRIM39	0.048274	0.608815	0.932711	-1.07214	0.316525	1.14998	1.14998	0.0104299	1.54526	1.54526	0.510783	0.913913	-1.0942	0.326205	1.1466	1.1466
cg15563205	TRIM39;TRIM39	5.30E-07	0.298346	1.09855	1.09855	0.00060906	0.630957	-1.58489	1.20E-05	0.446155	-2.24138	0.375279	1.08257	1.08257	1.74E-08	0.152096	-6.57479
cg18943623	TRIM39;TRIM39	6.39E-07	0.245498	1.1428	1.1428	0.0929547	1.22522	1.22522	0.599057	0.943366	-1.06003	0.0216623	1.35387	1.35387	2.18E-08	0.0996758	-10.0325
cg25431802	TRIM39;TRIM39	3.23E-05	0.206271	0.796079	-1.25616	0.971956	0.994004	-1.00603	0.028908	0.643611	-1.55373	3.12E-05	0.249144	-4.01375	1.88E-06	0.132123	-7.5687
cg08520429	TRIM39;TRIM39	7.04E-05	0.273033	0.841217	-1.18875	0.177616	1.24254	1.24254	0.0172729	0.6443	-1.55207	4.13E-05	0.305951	-3.2685	0.214675	0.820382	-1.21895
cg15363957	TRIM39;TRIM39	9.52E-05	0.00294538	1.93272	1.93272	0.202951	1.24223	1.24223	0.357369	1.16504	1.16504	0.164413	1.27049	1.27049	0.849358	1.03116	1.03116
cg12005950	TRIM39;TRIM39	0.000101886	0.397824	0.885638	-1.12913	0.000790377	0.490922	-2.03698	1.53E-05	0.284739	-3.51199	0.910567	1.01589	1.01589	8.59E-06	0.257306	-3.88642
cg07098689	TRIM39;TRIM39	0.000118947	2.38E-05	0.204256	-4.89582	0.391205	0.847463	-1.17999	0.00246067	0.452279	-2.21102	0.723011	1.06934	1.06934	0.326743	1.21015	1.21015
cg20629387	TRIM39;TRIM39	0.000183214	3.98E-05	0.1497	-6.68003	0.180595	1.41023	1.41023	0.229873	1.35608	1.35608	0.00035276	0.249602	-4.00637	0.00418223	0.395419	-2.52896
cg13079571	TRIM39;TRIM39	0.000196659	9.45E-05	0.261361	-3.82612	0.00538995	2.02718	2.02718	0.0629686	0.66799	-1.49703	0.0124943	0.549126	-1.82108	0.21134	1.28917	1.28917
cg04425551	TRIM39;TRIM39	0.000206284	8.25E-05	0.227753	-4.39072	0.728783	0.929957	-1.07532	0.00420309	0.449418	-2.2251	0.000487664	0.319765	-3.12729	6.54E-05	0.216763	-4.61333
cg22105534	TRIM39;TRIM39	0.000304337	0.477202	0.789629	-1.26642	0.270644	1.45473	1.45473	0.000628632	0.179478	-5.57172	0.179335	0.627422	-1.59382	9.94E-06	0.0449948	-22.2248
cg02301769	TRIM39;TRIM39	0.000330141	0.000126133	0.564165	-1.77253	0.000139504	0.568835	-1.75798	0.354653	1.08508	1.08508	0.00997755	0.756544	-1.3218	5.22E-05	0.522753	-1.91295
cg19147015	TRIM39;TRIM39	0.00053755	0.759961	0.943809	-1.05954	4.42E-05	0.231997	-4.31039	0.000275008	0.324886	-3.07801	0.118284	0.72612	-1.37718	0.463367	0.86861	-1.15126
cg23173806	TRIM39;TRIM39	0.0012732	0.0711869	0.631504	-1.58352	0.000289774	0.259701	-3.85058	0.754443	1.07418	1.07418	0.50083	0.855697	-1.16864	0.000226619	0.247051	-4.04775
cg19869086	TRIM39;TRIM39	0.00136421	0.487023	0.910901	-1.09781	0.00306605	1.75555	1.75555	0.874351	0.979352	-1.02108	0.909894	1.01504	1.01504	0.000177199	2.49954	2.49954
cg11377650	TRIM39;TRIM39	0.00180129	0.0458052	0.483982	-2.06619	0.00196271	0.249791	-4.00335	0.00025362	0.147905	-6.76109	0.217955	1.50802	1.50802	0.00056018	0.18342	-5.45195
cg14995181	TRIM39;TRIM39	0.00185827	0.305121	0.826669	-1.20967	0.000926803	0.412091	-2.42665	0.00585788	0.523838	-1.90899	0.955056	0.989948	-1.01015	0.557574	0.899143	-1.11217
cg16600706	TRIM39;TRIM39	0.00193882	0.882933	0.958764	-1.04301	0.800108	1.07521	1.07521	0.286416	0.728782	-1.37215	0.81798	1.0681	1.0681	0.43655	0.797049	-1.25463
cg20748656	TRIM39;TRIM39	0.00194237	0.0213228	0.687364	-1.45483	0.00131416	0.530712	-1.88426	0.00427671	0.595814	-1.67838	0.351726	0.878227	-1.13866	0.309273	0.86713	-1.15323
cg21426759	TRIM39;TRIM39	0.00262222	0.0145668	0.431667	-2.3166	0.000854042	0.246888	-4.05041	0.0186782	0.451179	-2.21641	0.646038	0.878874	-1.13782	0.000437374	0.211941	-4.71829
cg27311647	TRIM39;TRIM39	0.00282321	0.0393324	0.708535	-1.41136	0.71125	0.947681	-1.05521	0.328269	0.864303	-1.157	0.0814467	0.756455	-1.32196	4.92E-05	0.332132	-3.01085
cg08223651	TRIM39;TRIM39	0.00294623	0.013802	1.49263	1.49263	0.052006	0.747571	-1.33767	0.00251637	0.575714	-1.73697	0.110379	0.795352	-1.2573	0.149673	0.816049	-1.22542
cg11823286	TRIM39;TRIM39	0.0034409	0.622125	0.906847	-1.10272	0.00696007	0.502966	-1.98821	0.00841742	0.515612	-1.93944	0.127533	1.38313	1.38313	0.0804849	0.682761	-1.46464
cg17397870	TRIM39;TRIM39	0.00682997	0.0118202	0.387533	-2.58043	0.0239488	0.443807	-2.25323	0.0703414	0.543344	-1.84046	0.0049294	0.325262	-3.07444	0.0019403	0.26654	-3.75178
cg21354789	TRIM39;TRIM39	0.00973347	0.541644	1.24205	1.24205	0.0110358	0.326778	-3.06018	0.535027	0.802189	-1.24659	0.146062	0.578405	-1.72889	0.000346669	0.132767	-7.53196
cg08424770	TRIM39;TRIM39	0.0129714	0.134559	0.634212	-1.57676	0.394937	0.781989	-1.27879	0.132662	0.63258	-1.58083	0.877831	0.957512	-1.04437	0.00670332	0.370643	-2.69801
cg06230847	TRIM39;TRIM39	0.0137919	0.00634767	0.542129	-1.84458	0.0217663	1.6073	1.6073	0.79344	1.04626	1.04626	0.831658	0.963982	-1.03736	0.125065	0.751188	-1.33123
cg11327408	TRIM39;TRIM39	0.0166407	0.0385683	0.501039	-1.99585	0.0141903	0.417864	-2.39312	0.00968955	0.389131	-2.56983	0.00244065	0.296324	-3.37468	0.0093923	0.386849	-2.58499
cg24715272	TRIM39;TRIM39	0.017417	0.0394551	0.316958	-3.155	0.0321837	0.298156	-3.35395	0.375273	0.644736	-1.55102	0.0217755	0.264959	-3.77417	0.0111792	0.215756	-4.63487
cg03118443	TRIM39;TRIM39	0.0236896	0.0685945	1.54458	1.54458	0.437755	1.1839	1.1839	0.19778	1.33686	1.33686	0.151483	1.38786	1.38786	0.0163593	0.534771	-1.86996
cg16701559	TRIM39;TRIM39	0.0239441	0.42693	0.7383	-1.35446	0.537066	0.791536	-1.26337	0.0350676	0.399143	-2.50537	0.930112	1.03335	1.03335	0.00131802	0.174105	-5.74366
cg15959529	TRIM39;TRIM39	0.0261098	0.0732013	0.682977	-1.46418	0.00179816	0.428502	-2.33371	0.224127	1.27597	1.27597	0.181511	0.762859	-1.31086	0.267552	0.802185	-1.2466
cg24737739	TRIM39;TRIM39	0.0276599	0.304789	0.806735	-1.23956	0.681568	0.920005	-1.08695	0.480613	1.15591	1.15591	0.751692	0.937866	-1.06625	0.01785	0.558845	-1.7894
cg02630045	TRIM39;TRIM39	0.0324163	0.156754	0.715772	-1.39709	0.0779624	1.54099	1.54099	0.0446395	1.66363	1.66363	0.318586	1.25556	1.25556	0.0250724	0.555221	-1.80109
cg17080697	TRIM39;TRIM39	0.036601	0.0142828	0.47326	-2.11301	0.169876	1.43617	1.43617	0.304571	0.768555	-1.30114	0.0331586	0.539785	-1.85259	0.00942548	0.442736	-2.25868
cg12803315	TRIM39;TRIM39	0.0410301	0.341098	0.794751	-1.25826	0.249601	0.754445	-1.32548	0.575167	0.875814	-1.1418	0.193243	0.724402	-1.38045	0.000591775	0.288694	-3.46388
cg17784591	TRIM39;TRIM39	0.0419576	0.0295227	0.624864	-1.60035	0.438753	0.865105	-1.15593	0.272636	1.23306	1.23306	0.537562	0.89178	-1.12135	0.15495	1.32218	1.32218
cg24467825	TRIM39;TRIM39	0.0447854	0.311941	0.714834	-1.39893	0.0037518	0.284874	-3.51032	0.0684908	0.519693	-1.92421	0.726401	0.89338	-1.11934	0.0734098	0.526955	-1.89769
cg04180483	TRIM39;TRIM39	0.0454819	0.0518563	1.62931	1.62931	0.0250194	0.555259	-1.80096	0.0887543	0.660842	-1.51322	0.234134	0.759422	-1.31679	0.819766	0.950892	-1.05164
cg23986474	TRIM39;TRIM39	0.0456211	0.226896	0.442635	-2.2592	0.207633	2.34803	2.34803	0.809943	0.856603	-1.1674	0.52276	1.51604	1.51604	0.106481	3.10289	3.10289
cg01658047	TRIM3;TRIM3	3.15E-07	1.19E-07	0.21738	-4.60023	0.00218845	1.47398	1.47398	2.08E-07	0.241518	-4.14048	6.58E-07	0.293763	-3.4041	0.000998716	0.643199	-1.55473
cg06140051	TRIM3;TRIM3	0.00106307	0.510528	1.11154	1.11154	0.875683	1.02511	1.02511	0.719618	0.94449	-1.05877	0.0002159	0.375986	-2.65968	0.498508	0.896854	-1.11501
cg06544715	TRIM3;TRIM3	0.001367	0.0125209	0.64009	-1.56228	0.201861	1.21356	1.21356	0.0435651	0.716551	-1.39557	0.00195393	0.533118	-1.87576	3.98E-05	0.323606	-3.09018
cg06065508	TRIM3;TRIM3	0.00351753	0.0205145	1.53067	1.53067	0.0207015	0.653881	-1.52933	0.648428	1.07252	1.07252	0.752418	0.952882	-1.04945	0.00557991	0.573993	-1.74218
cg17580363	TRIM3;TRIM3	0.0126143	0.451065	0.891113	-1.12219	0.444055	1.12428	1.12428	0.575018	0.918469	-1.08877	0.524072	0.907619	-1.10178	0.00600004	0.583261	-1.7145
cg13961318	TRIM40	2.69E-07	0.0709709	0.770115	-1.29851	1.47E-05	0.311658	-3.20864	4.27E-05	0.365234	-2.73797	4.77E-05	0.370898	-2.69616	0.258307	0.85836	-1.16501
cg10150871	TRIM40	4.15E-06	0.378923	0.874026	-1.14413	0.182966	1.23463	1.23463	2.28E-05	0.282294	-3.54241	0.251348	0.836308	-1.19573	1.44E-06	0.160739	-6.22128
cg05681072	TRIM40	8.45E-06	0.0879032	0.805505	-1.24146	0.0258613	1.35501	1.35501	0.000286701	0.506664	-1.9737	0.997673	1.00033	1.00033	0.001024	0.571791	-1.74889
cg18835549	TRIM40	9.66E-06	0.21605	1.17009	1.17009	0.137825	0.824652	-1.21263	0.000497786	0.51823	-1.92965	0.159844	0.834267	-1.19866	0.000424559	0.509943	-1.961
cg11963400	TRIM40	1.72E-05	0.177465	1.32417	1.32417	0.639492	0.911718	-1.09683	8.70E-06	0.150679	-6.63664	0.013665	0.550179	-1.81759	0.0073085	0.507829	-1.96917
cg16523655	TRIM40	3.67E-05	0.0820229	1.70156	1.70156	0.923186	0.973746	-1.02696	0.000362545	0.206599	-4.8403	0.0779947	0.582612	-1.71641	0.00311412	0.32777	-3.05092
cg05978864	TRIM40	4.88E-05	0.0507439	0.718137	-1.39249	0.110948	1.29474	1.29474	0.0591881	0.728424	-1.37283	1.78E-05	0.271329	-3.68556	0.226771	0.827978	-1.20776
cg26970983	TRIM40	6.65E-05	0.323485	1.16403	1.16403	0.0299399	0.683583	-1.46288	0.0713636	0.740857	-1.34979	0.0158253	1.55313	1.55313	0.325534	1.16323	1.16323
cg20958486	TRIM40	8.68E-05	0.904147	0.968789	-1.03222	0.0892054	1.63772	1.63772	0.00115681	0.284683	-3.51268	0.554525	1.1704	1.1704	2.67E-05	0.112518	-8.8875
cg08116408	TRIM40	0.00013445	0.00941014	0.415385	-2.4074	0.0131192	0.440007	-2.27269	0.000198756	0.188649	-5.30086	0.0013619	0.289192	-3.45791	0.000357079	0.216724	-4.61416
cg10443019	TRIM40	0.000140374	0.408786	1.18333	1.18333	0.7326	1.07072	1.07072	1.70E-05	0.17241	-5.80013	4.32E-05	0.212808	-4.69907	0.461032	0.861116	-1.16128
cg19685532	TRIM40	0.000325229	0.000552193	0.289732	-3.45146	0.000110308	0.207612	-4.81667	0.000218695	0.240829	-4.15232	0.0038735	0.407066	-2.4566	0.0183714	0.516348	-1.93668
cg00126536	TRIM40	0.000603559	0.183253	0.772427	-1.29462	0.127676	1.35148	1.35148	6.79E-05	0.26367	-3.79261	0.00959097	0.548973	-1.82158	0.00163951	0.43841	-2.28097

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15093247	0.0410075	1.8478	1.8478	0.207709	1.41325	1.41325	0.00360586	2.78976	2.78976	0.550859	1.17014	1.17014	5.34472	5.73839	0.954361	1
cg10283825	0.182823	0.43223	-2.31359	0.968891	0.977125	-1.02341	0.00220447	12.76	12.76	0.773418	1.18684	1.18684	5.27205	29.3988	4.95676	1
cg27342919	0.165595	0.310144	-3.22431	0.0153343	0.0947846	-10.5502	0.531026	0.605092	-1.65264	0.052916	5.70646	5.70646	4.9565	49.2007	8.82357	1
cg21232488	0.375883	0.543153	-1.8411	0.121648	0.323999	-3.08643	0.061892	4.10467	4.10467	0.0649065	4.02391	4.02391	4.92585	35.1923	6.35058	1
cg27123071	0.0233048	0.270833	-3.69232	0.0687993	0.374809	-2.66803	0.0376388	3.19614	3.19614	0.169119	2.02563	2.02563	4.34739	15.9856	3.26849	1
cg08502360	0.0627749	0.266303	-3.75512	0.00467464	0.092869	-10.7679	0.0068076	0.109072	-9.16822	0.0827086	0.296888	-3.36827	4.2482	26.8701	5.62228	1
cg01963633	0.955632	1.03817	1.03817	0.0450877	0.212702	-4.70142	0.197632	2.50119	2.50119	0.161456	2.73643	2.73643	3.97569	28.5359	6.38008	1
cg00799826	0.571028	1.7227	1.7227	0.811656	1.25455	1.25455	0.0556723	7.84501	7.84501	0.558621	1.75401	1.75401	4.01439	44.6274	12.705	1
cg10978585	0.309996	0.563002	-1.77619	0.12298	0.401004	-2.49374	0.0336515	3.88365	3.88365	0.213243	2.04779	2.04779	3.73399	17.6837	4.20967	1
cg17102747	0.0618855	0.287648	-3.47647	0.00219436	0.0784695	-12.7438	0.0113653	0.152906	-6.53996	0.230316	0.474355	-2.10813	3.61834	20.1256	4.9441	1
cg15601071	0.82315	1.05131	1.05131	0.113412	1.46971	1.46971	0.822709	1.05144	1.05144	0.335385	0.800871	-1.24864	3.53141	2.79458	0.703421	1
cg11100081	0.0617971	0.464825	-2.15135	0.0549863	0.4527	-2.20897	0.999867	0.999939	-1.00006	0.129847	1.81474	1.81474	3.43628	7.21903	1.8674	1
cg00760200	2.86E-05	0.375188	-2.66533	3.60E-06	0.273808	-3.65219	0.0256892	1.37158	1.37158	0.207568	1.1717	1.1717	29.5331	6.65019	0.200158	1
cg23894320	0.0470542	1.26858	1.26858	1.03E-05	0.372177	-2.6869	0.739116	1.0356	1.0356	0.00700375	1.44055	1.44055	16.4553	2.85552	0.154251	1
cg17645130	0.938114	1.00784	1.00784	9.94E-06	0.384986	-2.59749	0.443563	0.924432	-1.08175	0.806116	0.975568	-1.02504	12.0385	1.92912	0.142441	1
cg20992663	0.208254	0.613718	-1.62941	0.00469769	0.250911	-3.98547	0.658881	1.17761	1.17761	0.152612	0.569056	-1.7573	5.98495	12.8361	1.90643	1
cg23725246	0.211036	1.43023	1.43023	0.00584129	2.66451	2.66451	0.446463	0.809998	-1.23457	0.0127742	2.31633	2.31633	5.72597	6.68701	1.03808	1
cg16412629	0.580753	0.87969	-1.13676	0.546833	1.1504	1.1504	0.838126	1.04813	1.04813	0.750241	1.07615	1.07615	5.29718	4.43014	0.743396	1
cg22298615	0.917121	0.986841	-1.01333	0.0438135	1.34296	1.34296	6.47E-05	0.392997	-2.54455	2.66E-06	0.237216	-4.21557	23.393	6.00023	0.227997	1
cg19259280	0.0121066	0.662426	-1.5096	0.000481481	2.05651	2.05651	3.77E-07	0.146617	-6.82048	7.66E-06	0.274246	-3.64636	42.9556	11.7939	0.244054	1
cg23217386	0.000848144	0.232517	-4.30076	0.445357	1.25392	1.25392	9.57E-06	0.0624007	-16.0255	0.000303598	0.181328	-5.51488	19.1072	25.5996	1.19092	1
cg17976229	0.752918	0.904302	-1.10583	0.0379172	2.15259	2.15259	2.13E-05	0.065401	-15.2903	0.0060337	0.318979	-3.135	12.1866	19.5833	1.4284	1
cg17412442	0.0534194	0.569883	-1.75474	0.101505	0.631582	-1.58332	1.06E-05	0.0896437	-11.1553	0.00261852	0.343695	-2.90956	12.1752	12.667	0.924795	1
cg22160073	0.0509386	0.344751	-2.90065	0.0643654	0.369612	-2.70554	0.000441812	0.0701379	-14.2576	0.00701658	0.188326	-5.30995	8.24257	29.9448	3.22928	1
cg23442112	0.000998565	0.281494	-3.55248	3.20E-05	0.122466	-8.16555	9.65E-06	0.0845035	-11.8338	7.04E-05	0.152434	-6.56023	25.9136	27.6103	0.947091	1
cg20583016	0.0175755	0.419377	-2.38449	0.652296	1.14616	1.14616	8.60E-06	0.0544767	-18.3565	0.00487419	0.325474	-3.07244	15.2525	21.8523	1.27351	1
cg08882738	0.200644	0.675548	-1.48028	0.554655	1.18935	1.18935	0.000124371	0.143563	-6.96559	0.00152161	0.265883	-3.76106	8.11962	10.8282	1.18541	1
cg08925169	0.103718	0.416749	-2.39953	0.861756	1.08953	1.08953	0.000103974	0.0341862	-29.2516	0.0126475	0.217654	-4.59444	8.49458	32.5561	3.40673	1
cg07421169	0.133063	1.18496	1.18496	0.203388	1.15096	1.15096	0.0617185	0.802233	-1.24652	0.253559	0.882616	-1.133	7.64563	1.3279	0.154383	1
cg05755408	0.708229	0.898012	-1.11357	0.794998	1.07735	1.07735	0.33175	1.3318	1.3318	0.00266387	0.30458	-3.28321	6.06683	7.86717	1.15267	1
cg02626909	0.00117036	0.368555	-2.7133	0.438111	0.847302	-1.18022	0.00130233	0.374918	-2.66725	0.00433183	0.44985	-2.22296	17.6053	12.2381	0.617901	1
cg21299372	0.0139571	1.3096	1.3096	0.809349	0.978758	-1.0217	0.0234202	1.27193	1.27193	0.00503984	1.39025	1.39025	5.83558	0.729269	0.111084	1
cg03217209	0.803114	1.02805	1.02805	0.000166929	2.03381	2.03381	0.835869	0.977288	-1.02324	0.640843	0.9493	-1.05341	13.7661	2.67373	0.172645	1
cg08979136	0.294061	0.807128	-1.23896	0.154799	1.3496	1.3496	0.333974	1.21676	1.21676	0.00448047	0.474188	-2.10887	11.6748	7.1674	0.545708	1
cg06548710	0.101864	1.39516	1.39516	0.0601323	0.674127	-1.4834	0.851427	0.965732	-1.03548	0.329602	0.829356	-1.20576	8.59767	4.70931	0.486882	1
cg22937891	0.846316	1.01563	1.01563	0.102873	0.867047	-1.15334	0.00322475	1.37892	1.37892	0.33352	0.923351	-1.08301	6.94591	0.70312	0.0899803	1
cg01704400	0.379699	0.926114	-1.07977	0.0852844	0.850403	-1.17591	0.379744	1.07977	1.07977	0.0736332	0.843774	-1.18515	4.8471	0.556962	0.102139	1
cg05936516	0.0894575	0.380934	-2.62513	0.0571331	0.32978	-3.03233	0.0684851	0.349511	-2.86114	0.0318004	0.273339	-3.65846	3.4165	14.3753	3.74009	1
cg04450862	0.437918	0.900408	-1.11061	0.0836263	0.775799	-1.28899	2.13E-08	16.2932	16.2932	0.13527	1.23795	1.23795	72.4907	20.1812	0.247464	1
cg09312149	0.0334851	0.576086	-1.73585	0.00314166	0.408088	-2.45045	2.79E-05	6.24003	6.24003	0.092632	0.663106	-1.50805	22.9819	17.9382	0.693809	1
cg10693071	0.0808087	0.604972	-1.65297	0.00583425	0.391804	-2.55229	1.23E-05	10.955	10.955	0.640041	1.13004	1.13004	19.0979	20.3786	0.948498	1
cg16604243	0.798295	1.0814	1.0814	0.200533	0.661541	-1.51162	2.27E-06	34.0488	34.0488	0.86752	0.950261	-1.05234	18.032	26.6704	1.31472	1
cg21970794	0.408762	1.09017	1.09017	0.057265	1.2458	1.2458	0.182707	0.865465	-1.15545	0.0211966	0.753434	-1.32726	12.6663	2.09457	0.146992	1
cg09179084	0.00330001	0.317742	-3.14721	0.0504281	0.527978	-1.89402	0.000526321	4.69903	4.69903	0.150746	0.643312	-1.55446	10.213	13.2716	1.15509	1
cg04974775	0.0201755	2.37347	2.37347	0.468569	0.796521	-1.25546	0.0625155	1.90921	1.90921	0.422933	0.776852	-1.28725	5.54014	8.35051	1.3398	1
cg11275737	0.106705	1.30479	1.30479	0.00656977	1.70436	1.70436	0.408261	1.13628	1.13628	0.571774	0.917313	-1.09014	4.38585	1.58477	0.321187	1
cg10569615	0.070347	0.67235	-1.48732	0.830874	0.958893	-1.04287	5.93E-08	37.5832	37.5832	0.734334	0.935336	-1.06913	49.852	30.4094	0.542216	1
cg05725804	0.262378	0.817302	-1.22354	0.275016	0.821961	-1.2166	2.33E-07	14.5623	14.5623	0.536662	1.11406	1.11406	31.5435	14.8892	0.419575	1
cg09463882	1.41E-05	0.0630466	-15.8613	0.20214	0.662907	-1.50851	1.89E-06	36.9433	36.9433	0.898608	0.961832	-1.03968	30.4122	44.8877	1.31198	1
cg13750123	0.709254	0.924717	-1.08141	0.154612	0.727327	-1.3749	3.32E-06	9.91614	9.91614	0.826289	1.047	1.047	15.6584	10.8296	0.614767	1
cg19636656	0.363009	1.30891	1.30891	0.061016	0.544467	-1.83666	7.63E-06	16.9619	16.9619	0.871063	0.954305	-1.04788	12.8357	16.8546	1.1672	1
cg21647833	0.225096	0.856866	-1.16704	0.00332449	0.615912	-1.62361	0.0190485	1.41073	1.41073	0.277926	1.14659	1.14659	6.39232	1.48817	0.206938	1
cg02246053	0.0497288	0.740492	-1.35045	0.0992266	1.27451	1.27451	0.119555	1.25446	1.25446	0.069507	1.31324	1.31324	5.30829	1.51452	0.253611	1
cg04504128	0.0256396	0.720086	-1.38872	0.376394	0.893649	-1.11901	0.84091	0.975412	-1.02521	0.71347	1.04674	1.04674	4.09416	0.994929	0.216011	1
cg17082373	0.143834	0.814413	-1.22788	0.0474414	0.743465	-1.34505	0.95409	0.992502	-1.00755	0.478913	0.910194	-1.09867	3.79083	1.02593	0.240565	1
cg14067364	0.172023	0.792357	-1.26206	0.00456722	0.546283	-1.83055	0.0221647	1.55126	1.55126	0.187491	1.25062	1.25062	3.78807	1.53768	0.360825	1
cg17313269	0.00304557	0.403112	-2.4807	6.85E-05	0.196	-5.10203	0.810608	1.0552	1.0552	0.00926313	0.477541	-2.09406	9.55365	7.57973	0.705232	1
cg11571304	0.00603026	0.418687	-2.38842	0.00391654	0.389736	-2.56584	0.771722	1.07315	1.07315	0.0796777	0.623741	-1.60323	7.87456	7.345	0.829112	1
cg22502502	0.00876461	0.362254	-2.76049	0.00386722	0.306173	-3.26613	0.212098	1.49147	1.49147	0.0196784	0.424454	-2.35597	7.54643	11.0557	1.30225	1
cg22262055	0.551669	0.890626	-1.12281	0.0193101	1.72329	1.72329	0.0799076	0.688142	-1.45319	0.266779	0.800484	-1.24924	5.91574	3.46613	0.520814	1
cg09241284	0.588358	0.894609	-1.11781	0.0326596	0.600803	-1.66444	0.479885	0.863834	-1.15763	0.939905	1.01549	1.01549	39.4506	25.9539	0.584785	1
cg09540121	0.0128126	1.13488	1.13488	1.28E-05	0.686963	-1.45568	0.00418992	1.17	1.17	0.0290186	1.11108	1.11108	35.6122	0.944797	0.0235824	1
cg19614744	9.26E-06	0.230067	-4.34656	0.0263027	1.49801	1.49801	0.193186	1.23515	1.23515	0.72738	1.05514	1.05514	16.0406	5.97587	0.331153	1
cg12255318	0.660303	0.878029	-1.13891	3.94E-05	0.0989404	-10.1071	0.00469764	0.331193	-3.01939	0.734218	1.10542	1.10542	9.17226	12.5657	1.21775	1
cg05393509	0.699076	1.0283	1.0283	9.88E-05	0.608597	-1.64312	0.0199005	0.817186	-1.22371	0.280121	0.922516	-1.08399	7.91717	0.647022	0.0726434	1
cg22503499	0.155477	1.16731	1.16731	0.00139156	0.62407	-1.60238	0.893028	1.01379	1.01379	0.239832	1.13345	1.13345	5.21842	0.856166	0.145836	1
cg11769440	0.466745	1.10198	1.10198	0.00176724	0.557687	-1.79312	0.863488	0.977688	-1.02282	0.539526	0.921781	-1.08486	3.94348	1.07381	0.242045	1
cg10506549	0.400916	1.41	1.41	0.00758885	0.253543	-3.9441	0.171423	0.558848	-1.7894	0.56535	0.792748	-1.26143	3.63986	9.20607	2.24821	1
cg00304288	0.927022	0.987713	-1.01244	0.0517927	0.741794	-1.34808	0.055278	0.745855	-1.34074	0.0932923	1.28292	1.28292	3.43357	0.990428	0.256404	1
cg15563205	1.51E-06	0.345839	-2.89152	0.621276	1.04438	1.04438	0.00143856	1.49438	1.49438	0.745674	0.972023	-1.02878	86.224	10.381	0.107019	1
cg18943623	1.58E-06	0.264456	-3.78135	0.00034007	1.88564	1.88564	0.00992042	1.4304	1.4304	0.533364	1.07179	1.07179	82.2155	15.7243	0.170006	1
cg25431802	3.27E-05	0.251356	-3.97842	0.516377	1.11914	1.11914	0.530013	1.11497	1.11497	0.801281	0.957775	-1.04409	29.8731	13.8455	0.41198	1
cg08520429	0.00870723	1.65978	1.65978	5.38E-06	0.2099	-4.76418	0.000708721	0.457517	-2.18571	0.265676	0.838781	-1.19221	24.3141	8.84659	0.323419	1
cg15363957	0.0262123	1.53051	1.53051	2.81E-06	0.163462	-6.11761	0.305846	1.18661	1.18661	0.00347156	0.527182	-1.89688	22.4354	9.25435	0.366656	1
cg12005950	0.625591	1.07142	1.07142	0.0150624	0.657633	-1.5206	0.635881	0.935282	-1.0692	0.0119576	0.644082	-1.5526	22.0302	6.86642	0.277051	1
cg07098689	2.75E-05	0.210704	-4.74599	0.0252238	1.65099	1.65099	0.569087	0.897253	-1.11451	0.000929932	0.394063	-2.53766	21.135	11.8805	0.499666	1
cg20629387	0.000138246	0.203343	-4.91779	0.00154573	0.332561	-3.00697	0.392006	1.23619	1.23619	0.989937	1.00305	1.00305	18.8127	17.4183	0.823004	1
cg13079571	0.912328	0.97898	-1.02147	0.0511353	0.65153	-1.53485	0.491819	1.14416	1.14416	2.02E-05	0.189654	-5.27276	18.4553	10.875	0.523791	1
cg04425551	0.982163	0.995347	-1.00467	0.000113519	0.243217	-4.11155	0.308144	0.802472	-1.24615	0.00585915	0.471203	-2.12223	18.2177	12.5567	0.612675	1
cg22105534	0.0827995	0.533775	-1.87345	0.0603118	0.500392	-1.99843	0.00124183	0.21391	-4.67487	0.00202181	0.240983	-4.14968	16.3856	27.7161	1.50355	1
cg02301769	0.0840925	0.848837	-1.17808	0.984759	0.998363	-1.00164	0.527473	0.946583	-1.05643	0.087655	0.850733	-1.17546	16.0242	1.86605	0.103513	1
cg19147015	0.907069	1.02228	1.02228	0.00459629	2.03783	2.03783	0.582862	0.900619	-1.11035	0.304	1.2225	1.2225	14.006	7.89995	0.501369	1
cg23173806	0.00348209	0.404836	-2.47014	0.474864	0.847267	-1.18027	?	?	?	0.00585126	0.439177	-2.27699	11.2418	8.23223	0.732286	1
cg19869086	?	?	?	0.00347097	1.73293	1.73293	0.00943761	0.637221	-1.56932	0.643562	1.06342	1.06342	13.2632	3.17661	0.209567	1
cg11377650	0.72038	0.892318	-1.12068	0.662317	1.14946	1.14946	0.786561	1.08984	1.08984	0.372912	0.748301	-1.33636	9.93972	15.8169	1.41447	1
cg14995181	0.294507	1.21517	1.21517	0.00068163	2.53546	2.53546	0.114054	1.36089	1.36089	0.0334204	0.640494	-1.5613	9.85028	5.01254	0.452331	1
cg16600706	0.772974	1.08618	1.08618	1.93E-05	0.083776	-11.9366	0.878899	0.957361	-1.04454	0.0470582	0.522294	-1.91463	9.72952	12.586	1.14986	1
cg20748656	0.00160227	0.541567	-1.8465	0.0167649	1.48517	1.48517	0.273938	0.857059	-1.16678	0.00145271	0.536197	-1.86499	9.72434	2.82728	0.258438	1
cg21426759	0.487872	1.21746	1.21746	0.580324	1.16874	1.16874	0.696673	0.896395	-1.11558	0.00357459	0.332251	-3.00977	8.90591	10.9951	1.09741	1
cg27311647	0.62243	0.930782	-1.07436	0.350346	0.870292	-1.14904	0.273172	1.17917	1.17917	0.00885851	0.617863	-1.61848	8.71365	2.88245	0.294041	1
cg08223651	0.791082	1.03556	1.03556	0.000773134	1.95376	1.95376	0.185732	0.831389	-1.20281	0.45643	1.10497	1.10497	8.60421	2.36012	0.24382	1
cg11823286	0.836962	0.960253	-1.04139	0.000141411	0.27458	-3.64193	0.662149	0.917095	-1.0904	0.045354	0.636442	-1.57123	8.21555	5.04131	0.545449	1
cg17397870	0.00234722	0.277937	-3.59794	0.0145662	0.40357	-2.47788	0.792413	1.08279	1.08279	0.0893441	0.568411	-1.75929	6.66599	9.60102	1.28026	1
cg21354789	0.901945	0.957678	-1.04419	0.178498	1.6512	1.6512	0.380101	0.729147	-1.37147	0.0669708	0.486545	-2.05531	5.96186	11.6224	1.73286	1
cg08424770	0.0012657	0.265054	-3.77282	0.00366946	0.329982	-3.03047	0.646955	1.139	1.139	0.595167	0.859532	-1.16342	5.43406	6.85601	1.12149	1
cg06230847	0.200809	0.792292	-1.26216	0.616831	1.09082	1.09082	0.874586	1.02759	1.02759	0.00221931	0.477774	-2.09304	5.32603	2.5047	0.418023	1
cg11327408	0.464818	0.806915	-1.23929	0.0396606	0.503554	-1.98588	0.58513	0.853015	-1.17231	0.0791381	0.569981	-1.75444	5.00508	6.59276	1.17086	1
cg24715272	0.0178179	0.249235	-4.01228	0.00285195	0.138013	-7.24571	0.670364	0.813414	-1.22939	0.0152164	0.237438	-4.21162	4.92932	18.1621	3.27511	1
cg03118443	0.00981566	0.498484	-2.00608	0.0488241	1.61579	1.61579	0.50513	1.15514	1.15514	0.644931	0.905778	-1.10402	4.43935	3.19798	0.64033	1
cg16701559	0.0112285	0.304768	-3.28118	0.416956	1.36381	1.36381	0.856937	1.06983	1.06983	0.184006	0.590292	-1.69408	4.42297	9.80001	1.96952	1
cg15959529	0.930095	1.01689	1.01689	0.0926304	1.42356	1.42356	0.0715219	0.681093	-1.46823	0.467576	0.868436	-1.1515	4.29175	2.47552	0.512718	1
cg24737739	0.670557	0.917161	-1.09032	0.000711576	0.352784	-2.8346	0.975721	0.993869	-1.00617	0.917771	1.02109	1.02109	4.20584	2.72031	0.574928	1
cg02630045	0.730634	0.926537	-1.07929	0.015804	1.92093	1.92093	0.724115	1.08138	1.08138	0.178596	0.729418	-1.37096	3.97543	3.06897	0.686208	1
cg17080697	0.207291	0.719463	-1.38993	0.951341	0.985004	-1.01522	0.507813	0.846753	-1.18098	0.0275272	0.524477	-1.90666	3.80486	3.69398	0.862985	1
cg12803315	0.742681	0.925753	-1.0802	0.815442	1.05628	1.05628	0.30704	0.780654	-1.28098	0.953547	0.986451	-1.01374	3.64875	3.16894	0.772	1
cg17784591	0.00827748	0.538224	-1.85796	0.525105	1.12542	1.12542	0.0554536	1.48928	1.48928	0.990981	1.00208	1.00208	3.61868	1.92938	0.473932	1
cg24467825	0.729773	0.894683	-1.11771	0.0130347	0.37211	-2.68738	0.0376337	0.461193	-2.16829	0.161548	0.618923	-1.61571	3.53184	5.7612	1.44997	1
cg04180483	0.0743691	0.6449	-1.55063	0.146859	1.40992	1.40992	0.930271	1.0195	1.0195	0.0411547	0.594624	-1.68174	3.51148	2.70747	0.685364	1
cg23986474	0.469928	1.6036	1.6036	0.00198209	0.0604087	-16.5539	0.568469	0.690531	-1.44816	0.893476	0.917533	-1.08988	3.50746	22.9247	5.80977	1
cg01658047	6.24E-07	0.291236	-3.43364	0.0808208	1.19104	1.19104	0.000740149	0.629588	-1.58834	0.71901	0.967903	-1.03316	98.4079	12.7078	0.114785	1
cg06140051	0.000240867	0.381908	-2.61843	0.0153822	1.60192	1.60192	0.727164	1.05706	1.05706	0.0077466	0.58166	-1.71922	11.564	4.59727	0.353378	1
cg06544715	0.283081	0.851981	-1.17373	0.0362202	0.704837	-1.41877	0.100525	0.772292	-1.29485	0.940787	0.989387	-1.01073	10.763	3.51647	0.290418	1
cg06065508	0.0249445	0.665685	-1.50221	0.00120479	2.06109	2.06109	0.528614	1.10226	1.10226	0.110328	1.30394	1.30394	8.16159	3.00655	0.327447	1
cg17580363	0.0892762	0.754793	-1.32487	0.00137669	2.00714	2.00714	0.495171	0.901238	-1.10959	0.24272	1.20147	1.20147	5.48376	1.95761	0.317319	1
cg13961318	2.01E-05	0.327344	-3.05489	3.96E-09	0.0343196	-29.1379	0.0139163	0.674745	-1.48204	1.70E-06	0.21161	-4.72567	102.378	27.1872	0.236051	1
cg10150871	0.0348273	0.692881	-1.44325	2.43E-07	0.100121	-9.98789	0.000196865	0.393185	-2.54333	0.0345086	0.69229	-1.44448	50.9251	17.9441	0.313211	1
cg05681072	5.48E-05	0.422005	-2.36964	4.47E-07	0.194426	-5.14335	8.63E-06	0.329357	-3.03622	0.181905	0.849836	-1.1767	42.3822	8.85147	0.185643	1
cg18835549	0.0731882	1.27261	1.27261	6.62E-06	0.298561	-3.3494	3.78E-07	0.172298	-5.80389	0.342197	0.888631	-1.12533	40.9365	9.43752	0.204925	1
cg11963400	0.196418	0.765217	-1.30682	1.62E-06	0.094066	-10.6308	1.13E-05	0.160893	-6.21531	0.351567	0.828766	-1.20661	35.2249	21.4115	0.540312	1
cg16523655	2.40E-05	0.097983	-10.2059	1.65E-06	0.0361707	-27.6467	0.00422204	0.347583	-2.87701	0.480368	0.820457	-1.21883	28.8933	34.823	1.07131	1
cg05978864	8.95E-05	0.352482	-2.83702	3.48E-06	0.197214	-5.07063	0.196498	0.816167	-1.22524	0.0058492	0.584677	-1.71035	26.8006	9.39148	0.311485	1
cg26970983	4.12E-05	0.312141	-3.20368	0.908099	0.982947	-1.01735	2.94E-06	0.189843	-5.26752	0.0449372	0.709802	-1.40884	24.6843	8.67272	0.312307	1
cg20958486	0.00161685	0.304344	-3.28575	0.000450655	0.233184	-4.28846	2.31E-05	0.107796	-9.27675	0.32821	1.30425	1.30425	22.9938	25.2282	0.975267	1
cg08116408	0.0354568	0.520229	-1.92223	8.24E-06	0.0745108	-13.4209	0.000133271	0.170762	-5.8561	0.0507677	0.552133	-1.81116	20.4507	23.0691	1.0027	1
cg10443019	0.213828	0.77044	-1.29796	0.000128945	0.265579	-3.76536	0.573888	0.892964	-1.11987	0.584117	1.11643	1.11643	20.2148	12.7099	0.55888	1
cg19685532	0.0363514	0.570012	-1.75435	0.00207189	0.367214	-2.72321	9.20E-05	0.199235	-5.01919	0.00734699	0.450117	-2.22164	16.0902	13.6004	0.751342	1
cg00126536	0.153996	0.756476	-1.32192	0.000130401	0.296743	-3.36992	0.0388766	0.645778	-1.54852	0.217679	0.788874	-1.26763	13.5615	7.18243	0.470773	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06317173	TRIM40	0.000898278	0.61014	1.21071	1.21071	0.0190478	0.348076	-2.87294	0.00378571	0.233975	-4.27396	0.628712	1.19862	1.19862	0.0646945	0.462304	-2.16308
cg12612406	TRIM40	0.000904927	0.18764	1.61313	1.61313	0.0783387	1.95363	1.95363	0.0127109	0.346322	-2.88749	0.129957	0.571125	-1.75093	0.0570627	0.478413	-2.09024
cg07805064	TRIM40	0.00138352	0.183859	0.558795	-1.78957	0.864157	1.07324	1.07324	0.641049	0.823803	-1.21388	0.000686324	0.117627	-8.50143	0.004931	0.21497	-4.65182
cg09841150	TRIM40	0.0016445	0.0385458	0.335389	-2.98161	0.0652244	0.389261	-2.56897	0.26301	0.587475	-1.7022	0.533893	1.33267	1.33267	0.000424439	0.0785129	-12.7368
cg23481243	TRIM40	0.00215942	0.966686	0.991123	-1.00896	0.0945747	1.48038	1.48038	0.000339119	0.291481	-3.43075	0.814446	0.951045	-1.05147	0.314951	0.801037	-1.24838
cg04970744	TRIM40	0.00491766	0.681005	0.855695	-1.16864	0.73396	0.879346	-1.13721	0.00373853	0.212435	-4.70733	0.0215255	0.342701	-2.91799	0.0135001	0.303611	-3.29369
cg22692281	TRIM40	0.0103799	0.0724958	0.733432	-1.36345	0.437455	1.13036	1.13036	0.00176622	0.502066	-1.99177	0.589591	0.919203	-1.0879	0.625501	1.07906	1.07906
cg04497354	TRIM40	0.0107205	0.018091	0.27866	-3.58861	0.0116928	0.246053	-4.06417	0.0101623	0.236267	-4.2325	0.217247	0.561135	-1.7821	0.00399349	0.178683	-5.59652
cg03251349	TRIM40	0.0109004	0.659127	0.909633	-1.09934	0.0201199	0.549822	-1.81877	0.00442685	0.444704	-2.24869	0.290863	0.791473	-1.26347	0.000588323	0.322076	-3.10486
cg02081466	TRIM40	0.0111218	0.965135	1.00869	1.00869	0.284964	0.802587	-1.24597	0.00137915	0.39907	-2.50582	0.798285	1.05202	1.05202	0.00185596	0.416999	-2.39809
cg23698950	TRIM40	0.0114444	0.561664	0.78618	-1.27197	0.147075	0.528402	-1.8925	0.0215964	0.3227	-3.09885	0.0969965	0.473895	-2.11017	0.00524633	0.221042	-4.52403
cg15367311	TRIM40	0.0134741	0.0470676	0.653215	-1.53089	0.144024	0.745192	-1.34194	0.000600827	0.370898	-2.69616	0.0557788	0.66625	-1.50094	0.00784227	0.527629	-1.89527
cg08076115	TRIM40	0.0140885	0.00963785	0.229288	-4.36133	0.0117607	0.243038	-4.11459	0.0494438	0.365005	-2.73969	0.829402	0.907556	-1.10186	0.00254599	0.152251	-6.56811
cg17259143	TRIM40	0.0157997	0.285464	1.47686	1.47686	0.289529	1.47166	1.47166	0.95609	0.980833	-1.01954	0.111411	0.543658	-1.83939	0.977681	1.00988	1.00988
cg10848828	TRIM40	0.0162966	0.0749629	0.328569	-3.0435	0.156606	0.427245	-2.34058	0.0289409	0.235671	-4.24321	0.0239416	0.220471	-4.53575	0.0133033	0.178811	-5.59251
cg00987918	TRIM40	0.0184941	0.141845	0.535046	-1.869	0.0293647	0.361997	-2.76246	0.0288682	0.360473	-2.77413	0.0662571	0.442314	-2.26084	0.143748	0.536874	-1.86264
cg11068217	TRIM40	0.0215053	0.374899	1.65429	1.65429	0.396019	0.618532	-1.61673	0.0947455	0.362415	-2.75927	0.0730146	0.331154	-3.01974	0.01851	0.206239	-4.84874
cg06195293	TRIM40	0.0227691	0.916091	0.970172	-1.03075	0.099374	1.68037	1.68037	0.0636766	0.549337	-1.82038	0.183514	0.666668	-1.5	0.0999625	0.595744	-1.67857
cg13044052	TRIM40	0.0235777	0.302162	1.31575	1.31575	0.0785588	0.605573	-1.65133	0.012416	0.449867	-2.22288	0.680173	1.11228	1.11228	0.0358037	0.534174	-1.87205
cg11615102	TRIM40	0.0281674	0.685945	0.888493	-1.1255	0.0034403	3.17585	3.17585	0.426911	0.78984	-1.26608	0.0278124	0.46945	-2.13015	0.122144	0.614306	-1.62785
cg07408232	TRIM40	0.0301885	0.091042	0.322175	-3.1039	0.679887	0.776884	-1.28719	0.722073	0.804673	-1.24274	0.184696	0.424835	-2.35385	0.0386095	0.232768	-4.29612
cg14708905	TRIM40	0.0379338	0.0914108	0.349556	-2.86077	0.383777	0.60352	-1.65695	0.0592801	0.299994	-3.3334	0.398423	0.613326	-1.63045	0.0126574	0.173351	-5.76863
cg09423413	TRIM40;TRIM40	9.28E-06	2.68E-05	0.281735	-3.54943	0.200999	1.22913	1.22913	0.000120173	0.358134	-2.79225	0.0864505	0.748776	-1.33551	3.30E-06	0.186638	-5.35797
cg01190484	TRIM40;TRIM40	0.00044186	0.732582	0.895552	-1.11663	0.42292	1.30209	1.30209	0.00341447	0.260585	-3.83751	0.182461	0.631905	-1.58252	0.0151243	0.370937	-2.69587
cg07405796	TRIM40;TRIM40	0.0011084	0.401698	0.772174	-1.29505	0.592599	1.17668	1.17668	0.000221622	0.156809	-6.37717	0.0171466	0.41684	-2.399	0.00472659	0.322858	-3.09734
cg06365108	TRIM40;TRIM40	0.00118629	0.0180035	0.548765	-1.82227	0.132338	0.712403	-1.4037	0.000294598	0.291918	-3.42562	0.00709449	0.483676	-2.0675	0.0218483	0.562967	-1.7763
cg01506341	TRIM40;TRIM40	0.0232058	0.0127683	0.412261	-2.42565	0.624621	1.15171	1.15171	0.0109537	0.400712	-2.49556	0.259727	0.714089	-1.40039	0.00420196	0.333478	-2.99869
cg26189035	TRIM41;TRIM41	2.02E-05	6.07E-05	0.386506	-2.58728	0.185102	1.19769	1.19769	0.0221967	0.703341	-1.42178	0.416418	0.898876	-1.1125	8.27E-06	0.286939	-3.48507
cg00521588	TRIM41;TRIM41	2.43E-05	0.927155	1.00995	1.00995	1.30E-06	3.8359	3.8359	0.108156	0.827084	-1.20907	0.805388	1.0271	1.0271	0.0829567	0.812256	-1.23114
cg08956008	TRIM41;TRIM41	2.61E-05	0.000100017	0.37633	-2.65724	0.00061345	0.473698	-2.11105	0.940127	0.989418	-1.01069	0.0283201	1.44286	1.44286	4.93E-06	0.228599	-4.37448
cg18361024	TRIM41;TRIM41	6.83E-05	0.000199067	0.554552	-1.80326	1.23E-05	0.418984	-2.38673	0.0799625	0.832494	-1.20121	0.420273	1.0808	1.0808	9.99E-05	0.521357	-1.91807
cg11445226	TRIM41;TRIM41	0.000425855	0.00482653	0.294652	-3.39383	0.000687084	0.183726	-5.44287	0.0224177	0.409007	-2.44494	0.0545446	0.490248	-2.03978	0.0875111	0.539828	-1.85244
cg27053763	TRIM41;TRIM41	0.001844	0.107731	0.664527	-1.50483	0.00368457	2.49415	2.49415	0.90205	1.02908	1.02908	0.0254015	1.85634	1.85634	0.000472057	0.278354	-3.59255
cg25969932	TRIM41;TRIM41	0.00296334	0.325528	0.710711	-1.40704	0.00643494	0.30358	-3.29402	0.838823	0.933785	-1.07091	0.146682	0.592147	-1.68877	0.000363247	0.146253	-6.83749
cg24577098	TRIM41;TRIM41	0.00720094	0.00557834	0.422095	-2.36913	0.00884673	0.454021	-2.20254	0.047339	0.584129	-1.71195	0.21868	0.735986	-1.35872	0.000929526	0.309961	-3.22621
cg25944717	TRIM41;TRIM41	0.0104852	0.131584	2.38306	2.38306	0.00348718	8.28679	8.28679	0.1076	0.391874	-2.55184	0.222928	1.98026	1.98026	0.040497	0.283027	-3.53323
cg21850069	TRIM41;TRIM41	0.0143506	0.303838	1.16321	1.16321	0.0145118	1.53343	1.53343	0.0140056	1.53839	1.53839	0.537074	0.915094	-1.09278	0.301543	0.859027	-1.16411
cg19843353	TRIM41;TRIM41	0.0275577	0.00193349	0.0995918	-10.041	0.168679	0.462483	-2.16224	0.859199	1.09786	1.09786	0.773307	1.16399	1.16399	0.116034	0.407347	-2.45491
cg07381403	TRIM41;TRIM41	0.0368533	0.198111	0.841926	-1.18775	0.858775	1.02279	1.02279	0.0770892	1.2823	1.2823	0.871921	1.02062	1.02062	0.00196023	0.574822	-1.73967
cg16370767	TRIM41;TRIM41	0.0463659	0.681148	0.924355	-1.08184	0.139977	0.739097	-1.353	0.627895	1.09745	1.09745	0.83212	0.960391	-1.04124	0.00523325	0.495945	-2.01635
cg24177093	TRIM41;TRIM41;TRIM41;TRIM41	0.00254902	0.844708	1.02425	1.02425	0.0411537	0.749899	-1.33351	0.079878	0.788659	-1.26797	0.866693	0.979685	-1.02074	0.0130423	0.686422	-1.45683
cg06339924	TRIM42	0.00208023	0.191626	0.633927	-1.57747	0.00878751	0.332776	-3.00503	0.0130525	0.362257	-2.76047	0.00198189	0.236783	-4.22328	0.000286399	0.141905	-7.04698
cg08213221	TRIM42	0.00278972	0.316085	0.75304	-1.32795	0.0325064	0.504161	-1.98349	0.0158947	0.445691	-2.24371	0.000479911	0.223298	-4.47832	0.0268124	0.487837	-2.04987
cg10698097	TRIM42	0.00285313	0.2882	1.26677	1.26677	0.0206028	1.81855	1.81855	0.514919	1.15213	1.15213	0.12783	1.42342	1.42342	0.0717927	0.649805	-1.53892
cg00201457	TRIM42	0.00760827	0.445882	1.33545	1.33545	0.0164075	0.335594	-2.97979	0.14002	0.553729	-1.80594	0.00491446	0.249768	-4.00372	0.000614357	0.140347	-7.12522
cg12242338	TRIM42	0.00875489	0.00102642	0.306823	-3.25921	0.140268	0.680281	-1.46998	0.000918615	0.300428	-3.32858	0.450711	0.829776	-1.20514	0.560994	1.15342	1.15342
cg18814069	TRIM42	0.0241611	0.0154436	0.16241	-6.15726	0.0299155	0.209602	-4.77094	0.0506446	0.256082	-3.905	0.60616	0.727525	-1.37452	0.00851311	0.12824	-7.79789
cg26118675	TRIM43	0.0300603	0.290361	0.613528	-1.62992	0.448415	0.70897	-1.4105	0.0138824	0.258378	-3.8703	0.784162	0.884943	-1.13002	0.00156105	0.132144	-7.56748
cg27297176	TRIM43;TRIM43	0.0401131	0.248995	1.81674	1.81674	0.570145	0.752504	-1.3289	0.0182542	0.241792	-4.13579	0.616683	1.28411	1.28411	0.00558429	0.164749	-6.06984
cg15036098	TRIM43B	0.00388335	0.0150958	0.341573	-2.92763	0.0818481	0.49976	-2.00096	0.00430863	0.253349	-3.94712	0.00908833	0.30349	-3.295	0.000505573	0.141529	-7.06567
cg02557322	TRIM43B	0.031584	0.434684	0.713412	-1.40171	0.340817	0.659763	-1.5157	0.0140727	0.276882	-3.61165	0.23501	0.590177	-1.69441	0.00734478	0.231313	-4.32314
cg05789350	TRIM44	5.03E-05	0.428115	1.19543	1.19543	0.0810207	1.53243	1.53243	0.0932769	1.50284	1.50284	0.275896	1.28414	1.28414	0.0638036	1.58366	1.58366
cg04966395	TRIM44	0.000649539	0.826171	1.04134	1.04134	0.00347767	0.481689	-2.07603	0.308302	1.21437	1.21437	0.766392	0.946601	-1.05641	0.328677	1.20405	1.20405
cg21937958	TRIM44	0.00196466	0.636891	0.945984	-1.0571	0.0549428	0.775551	-1.28941	0.14518	0.833022	-1.20045	0.0342582	0.749418	-1.33437	0.00527774	0.650832	-1.53649
cg07271405	TRIM44	0.00654651	0.485647	0.874438	-1.14359	0.036956	0.632016	-1.58224	0.0102134	0.541569	-1.84649	0.105196	1.39831	1.39831	0.187955	0.767795	-1.30243
cg02760962	TRIM44	0.00923412	0.588525	1.23231	1.23231	0.0178379	3.00835	3.00835	0.00318343	4.66696	4.66696	0.108046	1.9554	1.9554	0.187903	0.586438	-1.70521
cg04399091	TRIM44;TRIM44	0.0174226	0.440701	0.902265	-1.10832	0.936666	0.989659	-1.01045	0.525109	0.919216	-1.08788	0.549311	1.08248	1.08248	0.8313	1.0283	1.0283
cg04400972	TRIM45;TRIM45	9.24E-05	0.12339	0.632798	-1.58028	0.00014159	6.05038	6.05038	0.000212131	5.45912	5.45912	0.213241	1.43247	1.43247	8.92E-05	0.146152	-6.84221
cg13898106	TRIM45;TRIM45	0.000180744	0.914577	1.02108	1.02108	0.0014935	2.43534	2.43534	0.00528838	2.0434	2.0434	0.0521025	1.53645	1.53645	0.0654024	0.668974	-1.49483
cg24335302	TRIM45;TRIM45	0.0126632	0.0996932	0.661822	-1.51098	0.0159609	0.509163	-1.96401	0.33466	0.796428	-1.25561	0.0932958	0.655526	-1.52549	0.00218415	0.374099	-2.67309
cg17432313	TRIM45;TRIM45	0.0127498	0.0409328	0.321137	-3.11393	0.0299781	3.41867	3.41867	0.00391061	6.48748	6.48748	0.432489	0.679999	-1.47059	0.00845953	0.198177	-5.04599
cg09478857	TRIM45;TRIM45	0.0321302	0.459312	0.813588	-1.22912	0.000724793	4.08627	4.08627	0.832532	0.94367	-1.05969	0.865999	1.04733	1.04733	0.295282	0.742907	-1.34606
cg13366587	TRIM45;TRIM45	0.0412595	0.960461	1.00664	1.00664	0.0547561	0.747484	-1.33782	0.840089	0.973371	-1.02736	0.460688	1.10554	1.10554	0.0356855	0.72139	-1.38621
cg13085530	TRIM45;TRIM45	0.0470978	0.271489	0.69435	-1.4402	0.247176	1.47046	1.47046	0.258854	1.45555	1.45555	0.00965716	2.83937	2.83937	0.11734	0.581567	-1.71949
cg16384875	TRIM45;TRIM45;TRIM45;TRIM45	0.0427878	0.360774	1.20622	1.20622	0.792648	1.05398	1.05398	0.0055155	2.07094	2.07094	0.0620053	0.657462	-1.521	0.051535	0.642555	-1.55629
cg11659330	TRIM46	1.19E-05	0.000232684	0.403394	-2.47897	0.213559	0.823068	-1.21497	0.00136798	0.501268	-1.99494	0.127997	1.27714	1.27714	3.63E-07	0.113259	-8.8293
cg26258877	TRIM46;KRTCAP2	0.000311579	0.150357	1.36114	1.36114	0.925339	0.98143	-1.01892	0.696363	1.08159	1.08159	0.0115925	1.87982	1.87982	0.945669	0.986463	-1.01372
cg08831354	TRIM46;KRTCAP2	0.0211376	0.00686415	0.469918	-2.12803	0.671281	0.912021	-1.09647	0.894775	0.971856	-1.02896	0.507471	0.864969	-1.15611	0.230161	0.762164	-1.31205
cg26568855	TRIM46;KRTCAP2	0.0317993	0.108097	0.752535	-1.32884	0.143088	1.29075	1.29075	0.782394	0.956092	-1.04592	0.0423531	0.684421	-1.46109	0.0704525	0.720442	-1.38804
cg14666069	TRIM46;KRTCAP2	0.0357261	0.0505141	0.52364	-1.90971	0.0800939	1.75708	1.75708	0.551678	1.19102	1.19102	0.0955875	0.587756	-1.70139	0.0173247	0.431134	-2.31947
cg26879777	TRIM46;KRTCAP2	0.0471307	0.667376	0.916297	-1.09135	0.370912	0.830469	-1.20414	0.501985	1.14771	1.14771	0.239041	0.779342	-1.28313	0.951142	0.987687	-1.01247
cg23288653	TRIM46;KRTCAP2;KRTCAP2	0.00642962	?	?	?	0.0118135	6.90297	6.90297	0.0103635	7.32423	7.32423	0.968477	1.02256	1.02256	0.16832	0.428222	-2.33524
cg00943312	TRIM47	0.0129854	0.00463903	0.229358	-4.36	0.0436173	0.403706	-2.47705	0.0626052	0.440742	-2.2689	0.109483	0.505449	-1.97844	0.0291255	0.36591	-2.73291
cg18082885	TRIM47	0.0140491	0.0229137	0.673421	-1.48496	0.3422	1.15278	1.15278	0.257541	1.18727	1.18727	0.696664	1.05856	1.05856	0.140341	0.794175	-1.25917
cg24708674	TRIM47	0.04756	0.711583	1.07177	1.07177	0.294994	1.22471	1.22471	0.602402	1.10307	1.10307	0.179352	1.30501	1.30501	0.500365	1.13618	1.13618
cg04196064	TRIM48	0.00604049	0.738059	1.05647	1.05647	0.0012906	0.464154	-2.15446	0.0742821	0.722163	-1.38473	0.0159748	0.617043	-1.62063	0.000588432	0.419338	-2.38471
cg22413399	TRIM48	0.0304379	0.0101908	0.110332	-9.06357	0.0232238	0.157878	-6.33402	0.123308	0.321177	-3.11355	0.154126	0.354172	-2.82349	0.0105802	0.112182	-8.91411
cg05444785	TRIM49	0.00725174	0.00403775	0.433414	-2.30726	0.041627	0.601374	-1.66286	0.686643	1.09177	1.09177	0.423496	0.837793	-1.19361	0.00225631	0.396368	-2.52291
cg19533990	TRIM49	0.0144187	0.657704	1.05777	1.05777	0.25047	0.859632	-1.16329	0.00729144	0.646721	-1.54626	0.546913	1.07981	1.07981	0.738413	0.958665	-1.04312
cg23438945	TRIM4;TRIM4	0.00777599	0.547762	0.898282	-1.11324	0.726407	0.939929	-1.06391	0.599207	0.910719	-1.09803	0.837079	0.96434	-1.03698	0.858615	0.969044	-1.03194
cg20382081	TRIM4;TRIM4	0.00782057	0.00926232	0.262441	-3.81038	0.36543	0.686119	-1.45747	0.0221832	0.329311	-3.03664	0.373816	1.44746	1.44746	0.00659317	0.239552	-4.17446
cg02756107	TRIM4;TRIM4	0.00987655	0.00701026	0.138913	-7.19877	0.0156934	0.187019	-5.34706	0.0229217	0.214231	-4.66786	0.0314158	0.239559	-4.17433	0.0336089	0.245332	-4.07611
cg25591451	TRIM4;TRIM4	0.0119635	0.0159374	0.291853	-3.42638	0.0167217	0.295605	-3.3829	0.047888	0.389164	-2.56961	0.0535387	0.400574	-2.49642	0.0120396	0.270728	-3.69374
cg15870184	TRIM4;TRIM4;TRIM4;TRIM4	0.00652241	0.4185	0.460228	-2.17284	0.103305	0.187756	-5.32607	0.689811	0.686193	-1.45732	0.672067	0.670525	-1.49137	0.000290316	0.00389671	-256.627
cg09052966	TRIM50	0.000184888	0.753371	0.959664	-1.04203	0.142503	0.813901	-1.22865	0.826022	0.971654	-1.02917	0.24912	1.1704	1.1704	1.93E-06	0.214257	-4.66729
cg18632634	TRIM50	0.000334203	0.000704892	0.59407	-1.6833	0.519232	0.936226	-1.06812	2.23E-05	0.424094	-2.35797	0.0151523	0.740127	-1.35112	0.0039417	0.676271	-1.4787
cg02479299	TRIM50	0.00107959	0.940686	0.989925	-1.01018	0.0180929	0.676617	-1.47794	0.000478653	0.474336	-2.10821	0.702514	0.949122	-1.05361	0.298397	0.863575	-1.15798
cg18025558	TRIM50	0.00442443	0.0594232	0.474483	-2.10756	0.000729608	0.165401	-6.04592	0.0562348	0.468819	-2.13302	0.801489	1.09228	1.09228	0.00167874	0.207263	-4.82479
cg20190025	TRIM50	0.00911553	0.107799	0.473057	-2.11391	0.355804	0.666877	-1.49953	0.017012	0.289025	-3.45991	0.016155	0.284995	-3.50883	0.000833975	0.117055	-8.54301
cg03589123	TRIM50	0.016168	0.832388	1.04258	1.04258	0.169013	0.749512	-1.3342	0.0585493	0.656727	-1.5227	0.854067	1.03689	1.03689	0.00197044	0.422952	-2.36433
cg22483286	TRIM50	0.0178493	0.639767	0.858733	-1.16451	0.0480196	0.481798	-2.07556	0.0243382	0.420178	-2.37994	0.985781	1.00577	1.00577	0.00080704	0.1953	-5.12032
cg06375884	TRIM50	0.0276659	0.784796	0.963809	-1.03755	0.753124	0.958399	-1.04341	0.0196366	0.684121	-1.46173	0.754802	1.04309	1.04309	0.984488	1.00262	1.00262
cg23513211	TRIM50	0.0344912	0.277397	0.691189	-1.44678	0.0105781	0.349466	-2.86151	0.00973574	0.343334	-2.91261	0.269367	0.686543	-1.45657	0.0079763	0.328925	-3.04021
cg10554801	TRIM50	0.0434279	0.516929	0.698335	-1.43198	0.0820963	0.34903	-2.86508	0.00522296	0.133516	-7.48975	0.354908	0.5945	-1.68209	0.00702321	0.148896	-6.71609
cg19343600	TRIM50;FKBP6;FKBP6	4.94E-06	4.17E-07	3.00337	3.00337	0.000144261	1.64928	1.64928	0.000182371	1.62191	1.62191	0.00120718	1.43658	1.43658	0.989048	1.00105	1.00105
cg03951180	TRIM50;FKBP6;FKBP6	0.00330332	0.00869563	2.16389	2.16389	0.00941146	2.13809	2.13809	0.0203278	1.90732	1.90732	0.0174493	1.95039	1.95039	0.339865	1.25493	1.25493
cg22458401	TRIM50;FKBP6;FKBP6	0.0112563	0.0607239	2.20973	2.20973	0.00397363	4.27278	4.27278	0.0250661	2.71677	2.71677	0.343675	1.44166	1.44166	0.740164	1.13293	1.13293
cg05669157	TRIM50;FKBP6;FKBP6;FKBP6	0.0172831	0.0103874	2.26616	2.26616	0.0114651	2.22961	2.22961	0.00478999	2.58321	2.58321	0.866367	1.04362	1.04362	0.107524	1.56086	1.56086
cg19362210	TRIM50;FKBP6;TRIM50;FKBP6	9.60E-05	0.786115	1.03898	1.03898	1.32E-05	3.61149	3.61149	0.00723517	1.6277	1.6277	0.439291	1.11727	1.11727	0.0111628	0.639476	-1.56378
cg12457035	TRIM52	0.000400008	0.699366	1.05192	1.05192	0.60431	0.934078	-1.07057	0.444228	1.1071	1.1071	0.0366135	0.728469	-1.37274	6.31E-06	0.268352	-3.72645
cg10544039	TRIM52	0.000923796	0.00183175	0.382189	-2.6165	0.907241	1.02565	1.02565	0.899282	0.972863	-1.02789	0.564158	1.13504	1.13504	0.814701	0.950271	-1.05233
cg11239826	TRIM52	0.00668066	0.00138242	0.313912	-3.18561	0.376317	0.797053	-1.25462	0.643524	1.12348	1.12348	0.406233	0.808732	-1.2365	0.17792	0.699302	-1.43
cg08863693	TRIM52	0.00995746	0.0172724	0.431542	-2.31727	0.0051187	0.34242	-2.92039	0.354441	1.31791	1.31791	0.173837	1.52082	1.52082	0.0154444	0.422721	-2.36563
cg21773710	TRIM52	0.0174785	0.0199821	0.526023	-1.90106	0.379249	1.22921	1.22921	0.136961	1.4427	1.4427	0.0850631	1.54593	1.54593	0.0763937	0.636984	-1.5699
cg06727269	TRIM52	0.0188789	0.459963	0.872191	-1.14654	0.152851	1.32087	1.32087	0.000915526	0.406279	-2.46136	0.490279	1.13584	1.13584	0.915681	1.01944	1.01944
cg26474057	TRIM52	0.0296613	0.0585816	0.76589	-1.30567	0.00109	1.82501	1.82501	0.58119	1.07203	1.07203	0.218827	0.85092	-1.1752	0.342523	0.885082	-1.12984
cg11033713	TRIM52	0.0366529	0.773493	0.972893	-1.02786	0.129481	1.16882	1.16882	0.0376371	1.25816	1.25816	0.0944594	0.839408	-1.19132	0.73012	0.96756	-1.03353
cg11100802	TRIM52;TRIM52	0.00331091	0.448914	0.925906	-1.08002	0.24694	0.886231	-1.12837	0.0608193	0.809909	-1.23471	0.918399	0.989829	-1.01028	0.000274613	0.551861	-1.81205
cg13218423	TRIM53	0.0245078	0.108949	0.640304	-1.56176	0.199778	0.707902	-1.41262	0.270278	0.74622	-1.34009	0.020918	0.492279	-2.03137	0.0195105	0.486785	-2.05429
cg17689799	TRIM54;TRIM54	0.00185837	0.0156765	0.268821	-3.71995	0.0640516	2.51691	2.51691	0.108112	2.17601	2.17601	0.0145856	3.79682	3.79682	0.0174119	0.276912	-3.61126
cg07872868	TRIM54;TRIM54	0.00427406	0.0217574	0.277201	-3.6075	0.989721	0.994017	-1.00602	0.949055	1.03021	1.03021	0.00854632	4.77303	4.77303	0.0631578	0.377736	-2.64735
cg03253556	TRIM54;TRIM54	0.00578646	0.530989	0.785412	-1.27322	0.0507737	2.3328	2.3328	0.214909	0.608418	-1.64361	0.017398	0.332161	-3.01059	0.692568	0.859633	-1.16329
cg22575540	TRIM54;TRIM54	0.0287463	0.356355	1.5123	1.5123	0.0131791	3.81894	3.81894	0.900155	0.946742	-1.05625	0.382591	1.47759	1.47759	0.0898131	2.25993	2.25993
cg19101417	TRIM54;TRIM54	0.0315285	0.610339	0.783578	-1.2762	0.47997	0.71124	-1.40599	0.10189	0.427551	-2.3389	0.580155	0.767097	-1.30362	0.00588632	0.180832	-5.52999
cg05901357	TRIM54;TRIM54	0.0338157	0.0710589	0.432292	-2.31325	0.0066524	4.32589	4.32589	0.473566	1.35412	1.35412	0.943525	1.0299	1.0299	0.0423122	0.378074	-2.64499
cg12926357	TRIM54;TRIM54	0.0396105	0.578294	1.26054	1.26054	0.145601	1.90462	1.90462	0.143211	0.522726	-1.91305	0.0417211	0.379863	-2.63253	0.736043	0.869786	-1.14971
cg25218351	TRIM54;TRIM54	0.0396228	0.911237	1.03423	1.03423	0.10249	1.71492	1.71492	0.240478	0.69007	-1.44913	0.243729	0.691997	-1.44509	0.678569	0.881795	-1.13405
cg01030178	TRIM55;TRIM55;TRIM55;TRIM55	0.00386832	0.659368	0.929325	-1.07605	0.0122854	0.597324	-1.67413	0.000187489	0.352923	-2.83348	0.153221	0.776684	-1.28753	0.0372473	0.670628	-1.49114
cg27035277	TRIM55;TRIM55;TRIM55;TRIM55	0.00532135	0.950679	1.01817	1.01817	0.0053477	0.343675	-2.90973	0.00251029	0.29467	-3.39363	0.858592	0.949407	-1.05329	0.480619	0.811626	-1.2321
cg26700215	TRIM55;TRIM55;TRIM55;TRIM55	0.0189463	0.0042657	0.0657457	-15.2101	0.016789	0.125245	-7.98434	0.0362231	0.176641	-5.66121	0.0866614	0.25998	-3.84644	0.0250758	0.149999	-6.66671
cg04041976	TRIM55;TRIM55;TRIM55;TRIM55	0.0355754	0.737736	0.762372	-1.3117	0.449112	0.536482	-1.86399	0.0409253	0.148842	-6.71854	0.98627	0.986204	-1.01399	0.0584543	0.177973	-5.61883
cg10272433	TRIM56	0.00146335	0.365954	1.16255	1.16255	0.806943	0.961077	-1.0405	0.254602	1.21275	1.21275	0.339136	1.17323	1.17323	2.13E-05	0.249581	-4.00672
cg26112394	TRIM56	0.00346572	0.543427	1.1327	1.1327	0.393373	1.19378	1.19378	0.50675	1.14621	1.14621	0.527063	0.878243	-1.13864	0.000224088	0.288227	-3.46948
cg08476415	TRIM58	3.73E-06	2.99E-06	0.16728	-5.97802	0.612092	1.0856	1.0856	0.00557528	0.557271	-1.79446	0.227447	1.22568	1.22568	0.279088	0.834653	-1.1981
cg10983544	TRIM58	0.0062427	0.116957	6.91974	6.91974	0.0815571	0.111624	-8.95863	0.277776	0.277496	-3.60366	?	?	?	0.000343775	0.00143721	-695.79
cg15094634	TRIM58	0.00683084	0.0014573	0.204417	-4.89196	0.544946	1.23561	1.23561	0.325589	0.704336	-1.41978	0.403812	1.34311	1.34311	0.911843	0.962479	-1.03898
cg12689806	TRIM58	0.00843831	0.0019612	0.0649744	-15.3907	0.264648	2.06717	2.06717	0.016265	0.159542	-6.26796	0.673312	1.30326	1.30326	0.316928	0.524021	-1.90832
cg26052730	TRIM58	0.0329555	0.682354	1.27057	1.27057	0.256645	0.502065	-1.99177	0.291289	0.528732	-1.89132	0.0579031	0.287175	-3.48219	0.0094537	0.14749	-6.78011
cg02095937	TRIM59	0.0140754	0.827913	0.87682	-1.14049	0.237536	0.473711	-2.11099	0.0581388	3.64381	3.64381	0.000478722	0.0365342	-27.3716	0.0335658	0.22332	-4.47788
cg11075316	TRIM59	0.0419078	0.0561386	6.36111	6.36111	0.368495	2.2035	2.2035	0.0571517	6.30094	6.30094	0.0190264	11.3386	11.3386	0.608705	0.642987	-1.55524
cg15618978	TRIM59	0.043606	0.0369757	18.2025	18.2025	0.0661554	11.806	11.806	0.108011	8.1692	8.1692	0.111501	7.97422	7.97422	0.0366206	18.3338	18.3338
cg07553761	TRIM59	0.0480859	0.046978	11.9892	11.9892	0.136529	5.76816	5.76816	0.150356	5.38839	5.38839	0.115758	6.47341	6.47341	0.0503367	11.4406	11.4406
cg08816037	TRIM59;TRIM59	0.00162656	0.769524	1.10839	1.10839	0.417118	1.33705	1.33705	0.0028631	4.209	4.209	0.0571996	2.12467	2.12467	0.191394	0.616007	-1.62336
cg23704082	TRIM59;TRIM59	0.0333375	0.148537	3.02804	3.02804	0.794193	0.829511	-1.20553	0.0342561	5.84759	5.84759	0.0762934	4.09608	4.09608	0.483633	0.601115	-1.66358
cg09292992	TRIM5;TRIM5;TRIM5	7.08E-07	1.62E-06	0.189688	-5.27181	0.0390466	1.38966	1.38966	0.123093	0.794436	-1.25875	0.87138	1.02257	1.02257	0.0678433	1.32547	1.32547
cg24893035	TRIM5;TRIM5;TRIM5	3.64E-05	8.02E-05	0.212988	-4.6951	0.0932432	0.669651	-1.49332	0.041002	0.599199	-1.66889	0.632767	0.900729	-1.11021	0.479049	0.855319	-1.16915
cg03698359	TRIM5;TRIM5;TRIM5	0.00160332	0.014589	0.542559	-1.84312	0.156026	1.36138	1.36138	0.774532	1.06012	1.06012	0.579646	0.892496	-1.12045	0.837937	1.04251	1.04251
cg04287216	TRIM5;TRIM5;TRIM5	0.00184143	0.316025	0.609462	-1.64079	0.568291	0.759217	-1.31715	0.00288497	0.141229	-7.0807	0.819896	1.11509	1.11509	0.0150077	0.239745	-4.17111
cg01799588	TRIM5;TRIM5;TRIM5	0.00772944	0.0316349	0.284682	-3.51269	0.000873856	0.0829807	-12.051	0.00491177	0.155941	-6.41268	0.0455763	0.318815	-3.13662	0.24021	1.84625	1.84625
cg24098643	TRIM5;TRIM5;TRIM5	0.00953046	0.128114	0.344814	-2.90012	0.000267105	0.0207942	-48.0904	0.00949758	0.119197	-8.38945	0.0268404	0.183145	-5.46016	0.417809	0.58511	-1.70908
cg05265258	TRIM5;TRIM5;TRIM5	0.0118346	0.0100345	0.218603	-4.5745	0.00116655	0.1075	-9.30231	0.0062655	0.188923	-5.29315	0.102422	0.433367	-2.30751	0.678909	1.21501	1.21501
cg01402852	TRIM5;TRIM5;TRIM5;TRIM5;TRIM5	0.037742	0.00965459	0.15023	-6.65648	0.0184213	0.191099	-5.2329	0.0199066	0.196606	-5.08632	0.00969239	0.150452	-6.64663	0.616518	0.746594	-1.33942

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06317173	0.951468	1.02289	1.02289	1.51E-05	0.0355744	-28.1101	0.683808	0.85877	-1.16446	0.0833371	0.490285	-2.03963	12.1293	26.5595	1.9464	1
cg12612406	0.00456226	0.2743	-3.64564	0.000143913	0.106147	-9.42094	0.000467503	0.152028	-6.57774	0.364102	1.37627	1.37627	12.104	22.4802	1.65089	1
cg07805064	0.0117066	0.272489	-3.66987	0.000155981	0.0690892	-14.474	0.00100873	0.133432	-7.49447	0.0986465	0.473535	-2.11178	10.7259	28.9452	2.39878	1
cg09841150	0.0257776	0.299129	-3.34304	0.00259256	0.14917	-6.70378	0.00015787	0.0525568	-19.027	0.0181688	0.270528	-3.69648	10.2053	33.5828	2.9251	1
cg23481243	0.102232	0.682619	-1.46495	0.000158526	0.251847	-3.97067	0.231449	0.764932	-1.30731	0.690083	0.917988	-1.08934	9.42848	6.80643	0.641689	1
cg04970744	0.00583782	0.241577	-4.13947	0.00487399	0.229474	-4.35779	0.00049101	0.108895	-9.18316	0.845511	0.929137	-1.07627	8.56128	18.8354	1.71116	1
cg22692281	0.264098	0.835204	-1.19731	0.0048309	1.78298	1.78298	0.0666306	0.727491	-1.37459	0.362818	1.15568	1.15568	5.84046	2.21369	0.336912	1
cg04497354	0.0470211	0.363581	-2.75042	0.00186479	0.140227	-7.13128	0.030473	0.322438	-3.10137	0.0627738	0.393819	-2.53924	5.78021	18.1347	2.78878	1
cg03251349	0.313281	0.800499	-1.24922	0.106216	0.686322	-1.45704	0.295565	1.26039	1.26039	0.489151	0.860785	-1.16173	5.74933	4.14498	0.640845	1
cg02081466	0.0106643	0.529587	-1.88827	0.716913	0.930436	-1.07476	0.0456215	0.63519	-1.57433	0.373144	0.834407	-1.19846	5.71221	3.54709	0.551969	1
cg23698950	0.00762288	0.244999	-4.08164	0.00725575	0.241726	-4.13692	0.0023557	0.175607	-5.69454	0.0348286	0.364804	-2.7412	5.65971	15.065	2.36603	1
cg15367311	0.0234601	0.602171	-1.66066	0.884681	1.02757	1.02757	0.163526	0.756811	-1.32133	0.321032	0.825207	-1.21182	5.3669	2.98461	0.494325	1
cg08076115	0.0119484	0.244159	-4.09569	0.0117142	0.242757	-4.11934	0.104625	0.450517	-2.21967	0.0913331	0.433499	-2.30681	5.28892	16.9267	2.84481	1
cg17259143	0.573935	0.818995	-1.22101	0.000811153	0.169438	-5.90187	0.0135688	0.341787	-2.9258	0.326816	1.42731	1.42731	5.09228	9.96286	1.73908	1
cg10848828	0.0349503	0.251759	-3.97206	0.00244072	0.0937588	-10.6657	0.00676233	0.139415	-7.17282	0.0370464	0.256932	-3.89208	5.04008	25.1434	4.43439	1
cg00987918	0.0378553	0.385407	-2.59466	0.00113113	0.150022	-6.6657	0.00970779	0.273779	-3.65258	0.0909547	0.478398	-2.09031	4.83088	11.9962	2.20732	1
cg11068217	0.46562	0.663386	-1.50742	0.00257496	0.0992864	-10.0719	0.00883403	0.158438	-6.3116	0.0497122	0.290164	-3.44633	4.58957	22.205	4.30057	1
cg06195293	0.00125124	0.258131	-3.874	0.103771	0.599801	-1.66722	0.0645608	0.550693	-1.81589	0.948869	0.981742	-1.0186	4.50048	5.88478	1.1623	1
cg13044052	0.0592321	0.578829	-1.72763	0.0114	0.443534	-2.25462	0.897454	1.03365	1.03365	0.0117841	0.445984	-2.24223	4.44662	4.64103	0.927751	1
cg11615102	0.394253	0.775862	-1.28889	0.0842593	1.7428	1.7428	0.581391	1.17581	1.17581	0.340944	1.3303	1.3303	4.17899	5.5982	1.19076	1
cg07408232	0.0526321	0.261683	-3.82141	0.00211491	0.0721108	-13.8675	0.00764982	0.124159	-8.05416	0.243305	0.475736	-2.10201	4.07775	23.9119	5.21245	1
cg14708905	0.118831	0.383945	-2.60454	0.00391714	0.111311	-8.98383	0.0131861	0.175955	-5.68328	0.226715	0.487888	-2.04965	3.75553	19.0166	4.501	1
cg09423413	0.725544	0.947582	-1.05532	0.891932	0.979449	-1.02098	9.21E-07	0.137511	-7.27213	0.0386008	0.693519	-1.44192	41.3599	15.2858	0.328515	1
cg01190484	0.0690443	0.513975	-1.94562	1.44E-05	0.0371873	-26.8909	0.000286415	0.126501	-7.90506	0.0101899	0.339204	-2.94808	18.4711	29.5916	1.24604	1
cg07405796	0.00985761	0.374384	-2.67106	0.947234	1.02014	1.02014	0.000109418	0.128446	-7.78536	0.190826	0.658851	-1.51779	11.4275	16.4227	1.27744	1
cg06365108	0.00218915	0.407759	-2.45243	0.00455173	0.454276	-2.20131	0.000119347	0.245379	-4.07533	0.0676128	0.652126	-1.53345	11.2085	7.7394	0.613773	1
cg01506341	0.0187841	0.442433	-2.26023	0.0489969	0.5253	-1.90367	0.534013	0.834934	-1.1977	0.776074	0.921565	-1.08511	4.4711	5.80944	1.15496	1
cg26189035	0.000284625	0.467286	-2.14002	0.785064	1.03571	1.03571	0.0200911	0.697689	-1.4333	1.80E-06	0.216995	-4.6084	33.7747	8.81336	0.231952	1
cg00521588	0.270937	1.13218	1.13218	0.0336007	1.30845	1.30845	5.43E-06	3.04749	3.04749	0.0234353	1.34079	1.34079	32.1755	5.97847	0.165163	1
cg08956008	0.00322222	0.565961	-1.76691	0.00068131	0.479449	-2.08573	0.00945058	1.5933	1.5933	4.78E-05	0.338069	-2.95797	31.5882	10.0338	0.28235	1
cg18361024	0.00359552	0.689338	-1.45067	0.0285195	0.783586	-1.27618	0.777387	0.973607	-1.02711	2.32E-05	0.450182	-2.22132	24.5102	3.45662	0.125358	1
cg11445226	0.00162758	0.228645	-4.37359	1.95E-05	0.0589095	-16.9752	0.000879567	0.195952	-5.10328	0.00278852	0.259965	-3.84668	14.9397	25.2753	1.50384	1
cg27053763	0.760667	1.07372	1.07372	0.814741	1.05617	1.05617	0.00192742	2.77878	2.77878	0.420014	0.825449	-1.21146	9.87235	8.4762	0.763182	1
cg25969932	0.00048081	0.158426	-6.3121	0.0264177	0.412521	-2.42412	0.455692	1.2912	1.2912	0.0460554	0.463473	-2.15762	8.58944	15.3933	1.593	1
cg24577098	0.0110311	0.469803	-2.12855	0.353045	0.79738	-1.25411	0.123601	0.673556	-1.48466	0.00335599	0.388448	-2.57435	6.55695	5.8303	0.790381	1
cg25944717	0.22678	1.96799	1.96799	0.772389	1.16734	1.16734	0.00259723	9.26401	9.26401	0.191142	2.09255	2.09255	5.82157	26.2409	4.0067	1
cg21850069	0.34945	1.14652	1.14652	0.698189	1.05688	1.05688	0.00197818	1.85973	1.85973	0.0853875	0.763404	-1.30992	5.25692	1.67792	0.283719	1
cg19843353	0.217425	0.50547	-1.97836	0.741225	1.19034	1.19034	0.726546	1.20274	1.20274	0.00615519	0.152743	-6.54694	4.21132	18.4381	3.89177	1
cg07381403	0.994283	1.00091	1.00091	0.100189	0.796249	-1.25589	0.289805	1.1491	1.1491	0.63025	1.06328	1.06328	3.79535	0.961877	0.225276	1
cg16370767	0.0152057	0.566866	-1.76409	0.600576	0.904315	-1.10581	0.46862	1.15072	1.15072	0.0281756	0.610501	-1.638	3.48619	2.00128	0.510276	1
cg24177093	0.0522622	1.30956	1.30956	6.64E-05	0.409303	-2.44318	0.326169	0.883518	-1.13184	0.917786	1.01269	1.01269	8.98055	2.1227	0.210103	1
cg06339924	0.00348525	0.27059	-3.69562	0.00104347	0.201848	-4.95422	0.463504	0.78189	-1.27895	0.0253597	0.416276	-2.40225	9.53195	16.4136	1.53063	1
cg08213221	0.00070556	0.243483	-4.10706	0.00161134	0.290113	-3.44693	0.560899	0.851377	-1.17457	0.0127895	0.429015	-2.33092	8.74448	10.3705	1.05418	1
cg10698097	0.216584	1.32161	1.32161	0.284985	1.26893	1.26893	0.0203122	1.82205	1.82205	0.000187933	0.258909	-3.86235	8.68649	6.3274	0.647483	1
cg00201457	0.0104316	0.301068	-3.32151	0.136352	0.550215	-1.81747	0.0374422	0.407006	-2.45697	0.109742	0.522536	-1.91374	6.44499	14.1459	1.95099	1
cg12242338	0.709721	0.913212	-1.09504	0.368205	1.2516	1.2516	0.798808	0.939867	-1.06398	0.072281	0.614441	-1.6275	6.16611	5.75749	0.829983	1
cg18814069	0.0335365	0.21894	-4.56746	0.00557785	0.107891	-9.26859	0.141793	0.380515	-2.62801	0.0324195	0.216131	-4.62682	4.40917	26.1268	5.26716	1
cg26118675	0.815436	1.10971	1.10971	0.119993	2.11899	2.11899	0.481875	0.727425	-1.37471	0.92533	0.959125	-1.04262	4.08392	12.8198	2.79031	1
cg27297176	0.174542	2.04541	2.04541	0.560839	0.747224	-1.33829	0.0557435	0.341639	-2.92707	0.723783	0.838769	-1.19222	3.67931	14.3066	3.45635	1
cg15036098	0.0184802	0.357767	-2.79511	0.00344386	0.239534	-4.17477	0.010739	0.315633	-3.16823	0.00845797	0.29837	-3.35155	7.9228	16.2374	1.82174	1
cg02557322	0.0166874	0.289955	-3.44881	0.00800523	0.23698	-4.21977	0.0415628	0.369524	-2.70618	0.193068	0.557912	-1.7924	4.01261	11.4068	2.52688	1
cg05789350	0.553083	1.14156	1.14156	5.99E-07	0.0482995	-20.7041	0.675104	1.09748	1.09748	0.443039	1.18835	1.18835	26.58	20.4948	0.685388	1
cg04966395	0.162504	1.31606	1.31606	0.0339657	1.57765	1.57765	0.242918	0.798455	-1.25242	1.79E-05	0.199018	-5.02467	13.2863	7.13886	0.47761	1
cg21937958	0.00484865	1.54691	1.54691	0.00466546	1.55168	1.55168	0.960232	1.00584	1.00584	0.00209693	1.65765	1.65765	9.6921	2.09349	0.192	1
cg07271405	0.0676442	1.47358	1.47358	0.205913	0.776708	-1.28749	0.0596044	0.668575	-1.49572	0.000608005	0.367678	-2.71977	6.75441	3.83661	0.504903	1
cg02760962	0.0419337	0.407959	-2.45123	0.0956535	0.496573	-2.0138	0.0247447	0.359724	-2.77991	0.50793	1.29289	1.29289	6.06272	14.0448	2.05919	1
cg04399091	0.692286	1.05341	1.05341	0.00153201	0.550753	-1.8157	0.099732	1.26614	1.26614	0.00748351	1.56889	1.56889	4.92879	1.3356	0.240871	1
cg04400972	0.00016461	5.81994	5.81994	0.199072	0.68931	-1.45073	0.288338	1.35288	1.35288	0.19048	1.46248	1.46248	22.6114	26.9232	1.05839	1
cg13898106	5.97E-05	4.23244	4.23244	0.000104248	0.263563	-3.79416	0.0762477	1.46729	1.46729	0.653742	0.915975	-1.09173	18.8819	11.2989	0.531908	1
cg24335302	0.319412	0.790265	-1.2654	0.462621	1.18655	1.18655	0.0187178	1.91903	1.91903	0.338986	1.25291	1.25291	5.47684	4.53949	0.736757	1
cg17432313	0.505142	0.72212	-1.38481	0.624618	1.26798	1.26798	0.239775	0.552871	-1.80874	0.475	0.70486	-1.41872	5.46469	20.0611	3.26315	1
cg09478857	0.884501	0.960982	-1.0406	0.832384	0.94362	-1.05975	0.394509	1.26971	1.26971	0.114513	1.59999	1.59999	3.98808	4.73535	1.05545	1
cg13366587	0.155461	0.816232	-1.22514	0.166066	1.21811	1.21811	0.00748442	1.58399	1.58399	0.782816	0.963759	-1.0376	3.64123	1.02917	0.251238	1
cg13085530	0.93952	1.02447	1.02447	0.039462	0.468109	-2.13625	0.391629	1.32271	1.32271	0.131862	1.6791	1.6791	3.4657	5.57345	1.42949	1
cg16384875	0.603657	1.11018	1.11018	0.0851077	1.46218	1.46218	0.655034	0.914164	-1.0939	0.9968	1.0008	1.0008	3.59245	2.26607	0.560698	1
cg11659330	0.168809	0.80415	-1.24355	8.08E-06	0.234469	-4.26495	0.263761	0.840979	-1.18909	0.0112455	0.623674	-1.6034	38.769	13.5707	0.311146	1
cg26258877	0.0566802	0.649592	-1.53943	3.70E-05	0.204601	-4.88756	0.00049123	0.33561	-2.97965	0.00310064	2.24627	2.24627	16.2804	10.3126	0.563055	1
cg08831354	0.00565262	0.456865	-2.18883	0.678338	1.09414	1.09414	0.0179638	1.85949	1.85949	0.416036	1.19642	1.19642	4.61672	3.40291	0.655186	1
cg26568855	0.614767	1.08578	1.08578	0.00469763	0.543713	-1.8392	0.332955	1.17582	1.17582	0.210534	1.23858	1.23858	4.00288	1.66734	0.370254	1
cg14666069	0.0340456	0.487664	-2.05059	0.0319924	0.482208	-2.07379	0.57491	0.84833	-1.17879	0.0967822	0.589093	-1.69753	3.83846	5.12256	1.18625	1
cg26879777	0.73286	0.933073	-1.07173	0.000850394	0.362886	-2.75569	0.412403	0.844134	-1.18465	0.12601	0.715538	-1.39755	3.46479	2.24325	0.575505	1
cg23288653	0.00420028	0.0884905	-11.3006	0.511337	0.685283	-1.45925	0.00710324	0.114526	-8.73167	0.185751	2.24578	2.24578	9.60581	41.0336	3.20381	1
cg00943312	0.00716541	0.25729	-3.88666	0.00283576	0.200486	-4.98788	0.0232812	0.346372	-2.88707	0.0206153	0.336151	-2.97485	5.43214	13.1529	2.15227	1
cg18082885	0.00864656	1.62631	1.62631	0.00207733	1.87706	1.87706	0.891709	1.01999	1.01999	0.731953	1.05122	1.05122	5.29379	1.76949	0.297117	1
cg24708674	0.0916459	0.707052	-1.41432	0.00842804	1.87376	1.87376	0.328591	1.20708	1.20708	0.0240281	0.605076	-1.65269	3.45296	1.90508	0.490421	1
cg04196064	0.022597	0.639627	-1.56341	0.926685	1.01518	1.01518	0.896938	0.979014	-1.02144	0.302347	0.839563	-1.1911	6.92477	2.93777	0.377103	1
cg22413399	0.0402737	0.199476	-5.01312	0.0719144	0.254901	-3.92309	0.0135879	0.125236	-7.98492	0.0322689	0.181613	-5.50623	4.06584	29.8075	6.51664	1
cg05444785	0.0852122	0.662324	-1.50983	0.00139142	0.366792	-2.72634	0.372687	1.21914	1.21914	0.136062	0.70627	-1.41589	6.54256	4.85702	0.659887	1
cg19533990	0.88376	0.981743	-1.0186	0.000818057	1.88764	1.88764	0.96002	1.00633	1.00633	0.469902	1.09702	1.09702	5.24873	1.31873	0.22333	1
cg23438945	0.889105	0.975697	-1.02491	0.000112462	3.30933	3.30933	0.308366	0.830329	-1.20434	0.316004	0.832916	-1.2006	6.40104	3.15282	0.43782	1
cg20382081	0.0053691	0.226479	-4.41541	0.00391565	0.207433	-4.82083	0.235009	1.65568	1.65568	0.0882359	0.466726	-2.14258	6.38956	16.6059	2.31015	1
cg02756107	0.038343	0.256991	-3.89119	0.522478	1.44334	1.44334	0.00275406	0.0964573	-10.3673	0.00781845	0.144737	-6.90908	5.93414	30.1235	4.51227	1
cg25591451	0.0175809	0.29956	-3.33823	0.879289	1.06546	1.06546	0.00203332	0.162818	-6.14181	0.0148745	0.286533	-3.49	5.579	15.3829	2.45091	1
cg15870184	0.0134606	0.0565773	-17.6749	0.0176172	15.0407	15.0407	0.287417	0.354564	-2.82037	0.409275	0.452841	-2.20828	6.76215	94.3734	12.4055	1
cg09052966	0.166869	1.21228	1.21228	0.28587	0.865214	-1.15578	0.0120317	0.664243	-1.50547	0.842648	0.974373	-1.0263	18.7664	5.07119	0.240202	1
cg18632634	0.861149	1.01781	1.01781	0.0214724	0.756828	-1.32131	0.000192317	0.53081	-1.88391	0.737546	1.0345	1.0345	15.9705	2.57291	0.143204	1
cg02479299	6.18E-05	0.365935	-2.73273	0.119833	1.25815	1.25815	0.359052	0.879564	-1.13693	0.160456	1.22634	1.22634	11.5134	3.3765	0.260681	1
cg18025558	0.0338756	0.419838	-2.38187	0.0011639	0.18809	-5.3166	0.0735916	0.497143	-2.01149	0.109186	0.542257	-1.84415	7.61674	14.809	1.72824	1
cg20190025	0.0160975	0.284719	-3.51223	0.00325527	0.180607	-5.53688	0.0400474	0.363428	-2.75157	0.498717	0.746064	-1.34037	6.08767	17.5425	2.56146	1
cg03589123	0.0194945	1.74293	1.74293	0.14561	1.35994	1.35994	0.0862241	0.688679	-1.45205	0.598271	0.900668	-1.11029	5.0534	3.0986	0.545041	1
cg22483286	0.158767	0.614673	-1.62688	0.0137827	0.373952	-2.67414	0.792649	1.08885	1.08885	0.753651	0.903286	-1.10707	4.88893	8.08259	1.46955	1
cg06375884	0.409489	1.1203	1.1203	0.00238417	1.76869	1.76869	0.0596651	0.751107	-1.33137	0.430157	1.11454	1.11454	4.20551	1.20792	0.255309	1
cg23513211	0.978552	0.991249	-1.00883	0.105046	0.560389	-1.78447	0.0208364	0.402752	-2.48292	0.299718	0.703707	-1.42105	3.88766	6.58222	1.50498	1
cg10554801	0.0160906	0.199996	-5.0001	0.236228	0.507526	-1.97034	0.498261	0.68682	-1.45599	0.37983	0.611235	-1.63603	3.57266	16.8949	4.20352	1
cg19343600	0.120889	1.13716	1.13716	1.10E-05	2.04447	2.04447	1.76E-06	2.48868	2.48868	0.000806195	1.4716	1.4716	48.6912	4.50315	0.0822079	1
cg03951180	0.497912	0.853128	-1.17216	0.0014863	2.88038	2.88038	0.000402972	3.66486	3.66486	0.0253836	1.84677	1.84677	8.3163	7.01899	0.750226	1
cg22458401	0.365499	0.705629	-1.41718	0.0240566	2.74318	2.74318	0.00111765	6.04938	6.04938	0.108316	1.92885	1.92885	5.6901	12.6725	1.97966	1
cg05669157	0.301841	1.31147	1.31147	0.00744308	2.39571	2.39571	0.0144585	2.14671	2.14671	0.0863703	1.61644	1.61644	4.94209	5.02928	0.90457	1
cg19362210	0.00639242	0.607255	-1.64676	0.0181869	1.49646	1.49646	6.15E-05	2.82648	2.82648	0.00655716	1.64281	1.64281	22.3836	7.00554	0.278201	1
cg12457035	0.00885123	0.64748	-1.54445	0.364001	1.1294	1.1294	0.0761357	1.2936	1.2936	0.34154	0.879989	-1.13638	15.2001	4.09646	0.239558	1
cg10544039	0.995222	0.9987	-1.0013	0.000615135	0.317966	-3.14499	0.000101868	0.224159	-4.46111	0.0281341	1.75655	1.75655	12.0336	8.99653	0.664548	1
cg11239826	0.561749	0.863656	-1.15787	0.000228945	0.216678	-4.61514	0.531463	0.853534	-1.1716	0.731007	0.917391	-1.09005	6.71198	6.63568	0.878783	1
cg08863693	0.258024	0.710351	-1.40775	0.666617	1.13381	1.13381	0.00959406	2.58624	2.58624	0.624816	0.866914	-1.15352	5.91868	7.87049	1.18202	1
cg21773710	0.3042	0.783918	-1.27564	0.407056	0.823627	-1.21414	0.00601557	2.27313	2.27313	0.0574511	1.63495	1.63495	4.9235	4.08154	0.736881	1
cg06727269	0.383752	0.850151	-1.17626	0.0100978	0.554336	-1.80396	0.345533	0.838126	-1.19314	0.824216	1.04127	1.04127	4.79742	2.51036	0.465131	1
cg26474057	0.726056	1.04489	1.04489	0.727006	1.04472	1.04472	0.913041	0.986457	-1.01373	0.476203	1.09464	1.09464	4.10333	1.01263	0.219363	1
cg11033713	0.0674715	1.21544	1.21544	0.00806212	0.72384	-1.38152	0.38088	1.08936	1.08936	0.476238	1.07142	1.07142	3.8029	0.546208	0.127671	1
cg11100802	0.119663	1.18347	1.18347	0.28242	0.894554	-1.11788	0.0183609	1.33038	1.33038	0.0125683	1.36293	1.36293	8.3106	1.30993	0.140109	1
cg13218423	0.0268466	0.512362	-1.95174	0.00425453	0.376974	-2.6527	0.341192	1.28419	1.28419	0.0265872	0.511568	-1.95477	4.38743	4.51918	0.91558	1
cg17689799	0.553701	0.766669	-1.30434	0.000818496	0.106777	-9.36534	0.0133142	3.89667	3.89667	0.0333417	3.01317	3.01317	9.85012	30.6871	2.76925	1
cg07872868	0.539057	0.748488	-1.33603	0.00387599	0.163306	-6.12348	0.00854475	4.7733	4.7733	0.0164981	3.91436	3.91436	7.69692	26.4532	3.05499	1
cg03253556	0.0839226	0.482904	-2.0708	0.156276	0.561447	-1.78111	0.000161262	0.0861025	-11.6141	0.647033	0.839059	-1.19181	7.01714	16.0999	2.03944	1
cg22575540	0.319869	1.56546	1.56546	0.0276313	3.1126	3.1126	0.00886025	0.23397	-4.27404	0.202551	1.79785	1.79785	4.1491	12.4924	2.67633	1
cg19101417	0.573736	0.763577	-1.30963	0.00651558	0.186791	-5.35358	0.0052012	0.173776	-5.75454	0.296073	0.598008	-1.67222	4.01513	14.3202	3.17026	1
cg05901357	0.15208	1.89289	1.89289	0.239408	0.59907	-1.66925	0.10274	2.10115	2.10115	0.403348	1.42711	1.42711	3.9155	10.7263	2.43505	1
cg12926357	0.161449	0.539782	-1.8526	0.38334	0.691701	-1.44571	0.00273928	0.181794	-5.50072	0.448914	1.37463	1.37463	3.69643	9.95353	2.39355	1
cg25218351	0.0696495	0.542011	-1.84498	0.34635	0.746224	-1.34008	0.00336568	0.29998	-3.33356	0.114717	1.67833	1.67833	3.696	5.33376	1.28277	1
cg01030178	0.139917	0.769173	-1.3001	0.677457	0.933218	-1.07156	0.00094307	0.442657	-2.25909	0.0566619	0.700135	-1.4283	7.93205	3.43004	0.384381	1
cg27035277	0.594005	1.16956	1.16956	0.000549822	0.209696	-4.76881	0.0119441	0.401257	-2.49217	0.841451	0.94336	-1.06004	7.20011	9.66426	1.1931	1
cg26700215	0.0326943	0.168795	-5.92436	0.0457975	0.195952	-5.10329	0.0197966	0.134919	-7.41184	0.00881277	0.0930988	-10.7413	4.79164	38.4577	7.13421	1
cg04041976	0.376863	0.480896	-2.07945	0.00601952	0.055169	-18.1261	0.0178373	0.0977821	-10.2268	0.00851915	0.0665036	-15.0368	3.84435	39.6855	9.17607	1
cg10272433	0.689942	0.937045	-1.06718	0.0911978	1.35211	1.35211	0.854584	1.0302	1.0302	0.218837	0.810823	-1.23332	10.5544	4.39528	0.370168	1
cg26112394	0.119907	1.40749	1.40749	0.413874	0.84432	-1.18439	0.674829	1.08924	1.08924	0.00118856	0.38181	-2.6191	8.19791	5.32883	0.577798	1
cg08476415	0.000419149	0.407284	-2.45529	0.175479	0.793433	-1.26035	7.64E-06	0.206204	-4.84956	2.03E-07	0.079158	-12.633	52.325	21.3767	0.363143	1
cg10983544	0.477466	2.27136	2.27136	0.207369	0.220877	-4.52741	0.0390763	15.0671	15.0671	0.848866	0.80518	-1.24196	6.99869	127.108	18.1617	1
cg15094634	0.762994	0.900836	-1.11008	0.313276	1.43353	1.43353	0.282443	0.67999	-1.47061	0.000442632	0.147295	-6.7891	6.66573	12.5879	1.67863	1
cg12689806	0.0220823	0.180055	-5.55386	0.636088	0.742509	-1.34678	0.00906836	0.126015	-7.93558	0.00427676	0.0918862	-10.883	6.23836	38.547	5.49247	1
cg26052730	0.0976991	0.347349	-2.87895	0.779548	1.17739	1.17739	0.0107278	6.46216	6.46216	0.525817	0.687903	-1.45369	3.95197	21.1975	4.7678	1
cg02095937	0.353049	0.561576	-1.7807	0.857531	1.11461	1.11461	0.609048	1.36543	1.36543	0.764565	0.834133	-1.19885	5.29053	30.5504	5.13293	1
cg11075316	0.20383	3.14908	3.14908	0.147094	3.78417	3.78417	0.0041323	26.8234	26.8234	0.0430919	7.32054	7.32054	3.62027	41.9471	10.2993	1
cg15618978	0.0587323	12.9006	12.9006	0.00748282	61.8061	61.8061	0.013153	39.7446	39.7446	0.0893652	9.42639	9.42639	3.56721	81.0492	20.1961	1
cg07553761	0.064888	9.62893	9.62893	0.00648584	47.7401	47.7401	0.0146061	26.7168	26.7168	0.0504335	11.4257	11.4257	3.43864	64.9967	16.8017	1
cg08816037	0.786427	1.0998	1.0998	0.532477	0.801343	-1.2479	3.78E-05	15.9675	15.9675	0.0664979	2.05609	2.05609	10.2376	19.8933	1.72725	1
cg23704082	0.889271	1.10473	1.10473	0.827209	1.16918	1.16918	0.00122816	29.3716	29.3716	0.195026	2.66443	2.66443	3.93563	31.8629	7.19645	1
cg09292992	0.149337	0.808162	-1.23738	0.168513	1.22402	1.22402	8.48E-08	0.0878334	-11.3852	2.62E-07	0.121814	-8.20925	80.0872	24.0715	0.267169	1
cg24893035	0.603956	1.12036	1.12036	0.236794	1.30891	1.30891	9.42E-07	0.0600603	-16.6499	0.000173438	0.250449	-3.99284	28.9492	21.625	0.663997	1
cg03698359	0.176184	0.746528	-1.33954	0.155966	1.36145	1.36145	6.18E-05	0.222806	-4.48821	0.00285442	0.434082	-2.30371	10.2803	6.72788	0.58173	1
cg04287216	0.0567201	0.35693	-2.80167	0.065524	2.68413	2.68413	7.55E-05	0.0323714	-30.8914	0.0385379	0.318263	-3.14206	9.87635	35.6901	3.21217	1
cg01799588	0.798865	1.13578	1.13578	0.00926513	0.192718	-5.18894	0.525786	0.725738	-1.37791	0.11902	0.430139	-2.32483	6.41312	25.2532	3.50022	1
cg24098643	0.982191	1.01455	1.01455	0.0343372	0.202312	-4.94286	0.600081	0.710037	-1.40838	0.194277	0.411104	-2.43247	6.00207	39.8306	5.8988	1
cg05265258	0.850179	1.0925	1.0925	0.0405666	0.330735	-3.02357	0.082038	0.405982	-2.46316	0.0678697	0.38411	-2.60342	5.59864	19.409	3.08154	1
cg01402852	0.693554	0.795159	-1.25761	0.0511517	0.276532	-3.61622	0.746007	0.828526	-1.20696	0.232499	0.484489	-2.06403	3.7625	19.9617	4.71596	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05301002	TRIM6	1.83E-05	0.0912694	0.63159	0.58331	1.00609342	0.412865	-2.4221	0.000107829	0.185118	5.40197	0.020883	0.502113	-1.09158	1.08E-05	0.00984875	-10.1536	0.08356225	0.623012	-1.60151	4.40E-05	0.07732386	-13.654	5.45E-06	0.07881 08	-12.6886	0.000161616	0.188709	5.299916	34.6672	33.5154	0.859356	1
cg22505050	TRIM6	0.000212709	0.449974	0.87565	-1.14201	0.0291614	0.641849	-1.558	0.00228287	0.479099	-2.08725	0.14771	0.764966	-1.30725	0.0272406	0.63715	-1.56949	0.108307	0.739195	-1.35282	0.062223	1.37038	1.37038	1.30748	0.166	1.866	8.51397	0.418892	1
cg12522441	TRIM6-TRIM34;TRIM34;TRIM34	0.0178388	0.302131	0.782273	-1.27833	0.647113	0.897951	-1.11365	0.251251	0.759308	-1.31699	0.415286	0.825912	-1.21078	0.729145	0.923258	-1.08312	0.202654	0.734214	-1.362	0.0390023	1.73125	1.73125	0.0679061	0.625192	-1.59951	0.000672042	0.285985	-3.34616	4.88989	4.08629	0.742811	1
cg03306641	TRIM6-TRIM34;TRIM34;TRIM34	7.56E-05	6.93E-05	0.147197	-6.7936	0.0665109	0.393717	-2.53989	0.00932075	0.419196	-2.38552	0.103752	0.625645	-1.59835	2.42E-05	0.108912	-9.18171	0.0161006	0.460099	-2.17345	0.244188	0.725298	-1.37874	4.33E-05	0.129185	-7.74086	2.26E-05	0.10672	-9.3703	23.8603	26.2588	0.978239	1
cg11831003	TRIM6-TRIM34;TRIM34;TRIM34	0.0015674	0.000257594	0.0405193	-24.6796	0.00406029	0.127965	-7.81464	0.0115527	0.185779	-5.38273	0.0709857	0.341287	-2.93008	0.00336809	0.119371	-8.37726	0.00498647	0.137976	-7.24763	0.0174189	0.213775	-4.67781	0.00154449	0.0883011	-11.3249	0.00116641	0.0788201	-12.6871	10.3477	46.5483	3.99859	1
cg12088946	TRIM6-TRIM34;TRIM34;TRIM34	0.00575169	0.00133907	0.0852896	-11.7248	0.0115216	0.188483	-5.30553	0.00888646	0.172346	-5.80229	0.306631	0.571829	-1.74878	0.00162603	0.092133	-10.8539	0.28081	0.553232	-1.80756	0.00549722	0.145504	-6.87267	0.0690983	0.34161	-2.92732	0.0122304	0.186838	-5.35224	7.03017	31.0498	3.92591	1
cg24059154	TRIM6-TRIM34;TRIM34;TRIM34	0.0085581	0.00262955	0.112968	-8.8521	0.00526922	0.145639	-6.86631	0.00760141	0.165679	-6.03578	0.0145458	0.206743	-4.83692	0.00364384	0.127484	-7.8441	0.0584935	0.326454	-3.06322	0.0309641	0.26539	-3.76804	0.126088	0.420306	-2.37922	0.0196463	0.228523	-4.37592	6.21063	26.977	3.86104	1
cg16082503	TRIM6-TRIM34;TRIM34;TRIM34	0.00237083	0.0369189	0.68633	-1.45702	0.636527	1.07673	1.07673	0.00269887	0.525283	-1.90374	2.78E-05	0.277496	-3.60365	0.00237919	0.51794	-1.93073	0.798243	1.04059	1.02867	1.31937	0.00415573	0.550644	-1.81605	0.000201422	0.343129	-2.91436	0.172546	6.701455	0.339589	1
cg18089771	TRIM6-TRIM34;TRIM34;TRIM6	0.00486078	0.496932	0.856173	-1.15799	0.3623138	1.21466	1.21466	0.22865	0.752351	-1.32917	0.188642	0.729856	-1.33017	0.434681	0.835724	-1.19657	0.379995	0.775661	-1.28922	0.254543	1.30715	1.30715	1.42E-05	0.130506	-7.6625	0.000211638	0.248047	-4.03149	14.4029	11.5625	0.719391	1
cg01471802	TRIM6-TRIM34;TRIM6;TRIM6	0.0116596	0.4683135	0.867212	-1.15312	0.691971	1.07988	1.07988	0.5412015	1.12652	-1.12652	0.346607	0.829398	-1.20569	0.02958521	0.60996	-1.63945	0.384348	0.841858	-1.18785	0.76805	1.07874	1.07874	1.48E-05	0.248637	-4.2619	0.000248352	0.311211	-3.21526	11.2538	6.63896	0.524381	1
cg15742496	TRIM6-TRIM34;TRIM34;TRIM34	0.00234637	0.00397959	0.300427	-3.3286	0.000523553	0.151658	3.16888	0.43321	0.843145	-1.18604	0.678303	0.91486	-1.09306	0.00893523	0.498936	-2.00426	0.443017	0.846319	-1.18159	0.636457	1.10691	1.5628	0.882657	-1.13294	0.00152037	0.377552	0.91097	6.633	0.640732	1
cg22117086	TRIM6-TRIM34;TRIM34;TRIM34	0.0027148	0.7091223	0.894275	-1.11822	0.3199086	0.735921	1.54884	0.510864	0.693655	-1.22003	0.479722	1.23893	1.23893	0.272667	1.4056	1.4056	0.8952	1.04008	1.04008	0.0984245	1.71678	1.71678	0.0551268	0.522868	-1.91253	0.00131454	0.248008	-4.03213	4.19228	5.3043	1.25189	1
cg12819144	TRIM60	0.00460355	0.529949	1.13137	1.13137	0.00313958	0.456895	-2.18869	0.809545	1.04796	1.04796	0.0820477	1.45319	1.45319	0.0193451	1.73099	1.73099	4.29E-05	0.221362	-4.51748	0.00427394	0.476395	-2.0991	0.295095	1.23447	1.23447	0.00343412	0.462527	-2.16203	14.6214	8.71481	0.529805	1
cg14557864	TRIM60	0.0111731	0.0706097	1.54876	1.54876	0.0143794	0.14691	1.92191	0.520923	1.15128	1.15128	0.2635552	1.57089	1.57089	0.0301548	2.75514	2.75514	0.993199	1.00185	1.00185	0.0431806	2.28426	2.28426	0.0079825	0.209948	2.09948	0.174322	1.36734	5.70374	4.23459	0.659932	1
cg04228358	TRIM60;TRIM60	3.79E-05	0.00522589	0.0655	1.00009	0.9989891	0.389911	1.38991	0.164619	0.834218	-1.12817	0.00776847	1.60617	1.60617	2.16E-05	0.300908	3.23831	0.00418361	0.170435	1.70405	0.167851	1.80684	1.80684	0.0002748	1.7915	1.7915	0.0130149	1.53286	1.53286	28.6361	8.7151	0.270524	1
cg00231192	TRIM61	0.000121933	0.518206	0.867	-1.1534	3.03E-05	0.16915	-5.9119	0.00464116	0.440242	-2.27148	0.000638871	0.319083	-3.13398	2.11E-05	0.154635	-6.46682	0.111486	0.685441	-1.45891	0.000367846	0.288578	-3.46526	0.670763	1.09764	1.09764	0.00111027	0.351022	-2.84882	20.9948	15.7842	0.663278	1
cg18023646	TRIM61	0.00891198	0.015213	5.4838	5.24933	0.442729	0.254107	-1.54543	0.0226206	0.45683	-4.56403	0.739488	0.827116	-1.20902	0.00452161	0.345859	-2.89105	0.851918	1.00128	1.00128	0.0013041	2.94996	2.94996	0.2355982	1.39513	1.39513	0.0499511	2.39979	2.39979	0.31546	30.0242	4.35499	1
cg14038058	TRIM61	0.00894965	0.0205438	3.9634	3.9634	0.221676	0.530507	-1.88499	0.0250475	3.7268	3.7268	0.873027	0.924104	-1.08213	0.0210928	0.93098	0.93098	0.804309	1.13034	1.13034	0.000416306	15.8465	15.8465	0.166148	2.07242	2.07242	0.115434	2.12222	2.12222	0.52326	23.6196	3.42876	1
cg16091770	TRIM61	0.0117225	0.0141662	4.7829	4.57628	0.589641	0.581538	1.13649	0.0312246	0.26992	-3.70506	0.485267	0.4282	-2.33504	0.00403398	0.37582	-2.66102	0.743988	1.07005	1.07005	0.0854002	0.43073	0.43073	0.0004	0.34648	-2.88603	0.0001	0.24	0.24	0.24	0.24	0.24	1
cg05767411	TRIM61	0.0186124	0.0110448	4.51009	4.51009	0.414372	0.674148	-1.48335	0.0214372	3.69135	3.69135	0.926161	0.957397	-1.0445	0.0141611	4.189	4.1809	0.380589	1.653751	-1.52963	0.00798132	4.98755	4.98755	0.0651662	2.6603	2.6603	0.0625275	2.69283	2.69283	4.8205	17.0503	3.14403	1
cg20231582	TRIM61	0.0242592	0.642575	0.912178	-1.09628	0.0279597	1.6665	1.6665	0.0253706	1.68656	0.0391885	0.625413	-1.59894	0.32736	1.22001	1.22001	0.0053133	2.05943	2.05943	0.56908	0.892967	-1.11986	0.219781	1.28888	1.28888	0.184313	1.31912	1.31912	0.4402408	2.69736	0.544551	1
cg25239188	TRIM61	0.00728394	0.0624233	2.7961	2.7961	0.0775	0.684715	-1.46689	0.0148238	3.44332	3.44332	0.0362297	0.273037	-3.66253	0.312164	0.57102	-1.75168	0.337737	0.50475	-1.98355	0.0207251	4.41294	4.41294	0.225171	1.97205	1.97205	0.136068	2.38735	2.38735	42.2473	19.038	4.00054	1
cg11512289	TRIM61	0.0473116	0.0355449	3.46506	3.46506	0.846714	1.10328	1.10328	0.0600818	2.9362	2.9362	0.931695	1.0445	1.0445	0.196185	2.00186	2.00186	0.368899	1.59786	1.59786	0.00202968	9.11477	9.11477	0.0979678	2.51402	2.51402	0.0808984	2.67229	2.67229	3.45979	14.1319	3.63078	1
cg11955878	TRIM61	0.0407293	0.103561	3.03897	3.03897	0.0824306	0.301711	-1.81443	0.0401249	3.1498	3.1498	0.854008	0.914702	1.09302	0.0863183	1.54398	1.54398	0.517024	1.50561	1.50561	0.0057144	3.55647	3.55647	0.378966	1.75457	1.75457	0.342817	1.83814	1.83814	3.39513	20.8624	5.46206	1
cg25147158	TRIM61;TRIM61	0.0267011	0.0130703	8.50307	8.50307	0.861888	0.885974	-1.1287	0.0737219	3.99902	3.99902	0.653811	1.3687	1.3687	0.00985832	9.65617	9.65617	0.722522	1.28132	1.28132	0.002959	17.0559	17.0559	1.00064	1.49141	3.49141	0.0827281	3.80364	3.80364	4.25825	12.6006	6.80522	1
cg23058319	TRIM62	0.000586774	0.0808623	1.67786	1.67786	0.00607704	2.60574	2.60574	0.411376	0.798865	-1.25178	0.357744	1.28769	1.28769	0.010097	0.419892	-2.38157	0.005116682	0.372658	-2.68343	8.71E-05	6.56271	6.56271	0.00382097	2.83918	2.83918	0.0579337	1.77371	1.77371	13.6686	15.4723	1.00619	1
cg09254469	TRIM62	0.00160823	0.0243374	2.51067	2.51067	0.0121885	0.164564	-1.61664	0.0181662	2.18649	2.1549	0.0126241	0.3849	1.5549	0.028026	1.96302	1.96302	0.0019893	2.51069	2.51069	0.00052164	4.14913	4.14913	0.0273306	1.83918	1.83918	0.0297212	1.84691	1.84691	4.13219	20.8624	5.46206	1
cg19910481	TRIM62	0.00189522	0.0880484	0.78263	-1.27773	0.0388748	0.602781	-1.65898	0.241748	0.85235	-1.17322	0.1643621	0.675072	-1.48132	0.195137	0.836602	-1.19531	0.584752	0.930675	-1.07449	0.0410441	2.35325	2.35325	0.347511	1.13421	1.13421	0.605436	0.934402	-1.0702	9.79408	2.62938	0.238636	1
cg15860924	TRIM62	0.00379862	0.0147198	0.74107	-1.34966	0.0222346	0.34949	-2.86093	0.0422346	0.68499	-1.45909	0.0234744	0.514313	-1.94468	0.0154532	0.53092	-1.88364	0.173858	0.623907	-1.60283	0.0023099	1.92862	1.92862	0.0030064	0.541661	-1.84596	0.00755	0.564661	-1.77054	0.0042321	0.0023	0.0023	0.0023	1
cg25725280	TRIM62	0.0214654	0.816911	-1.9699666	-1.03096	0.0707343	0.766801	-1.30412	0.359017	0.883367	-1.13203	0.705702	1.05115	1.05115	0.0199605	0.691214	1.44673	0.860028	0.977058	-1.02348	0.00502794	1.62896	1.62896	0.0143906	0.672551	-1.48688	0.658823	1.06017	1.06017	4.59249	2.25758	0.243407	1
cg17932726	TRIM62;TRIM62	7.00E-06	0.247598	1.14116	1.14116	0.00364693	1.53658	1.53658	0.000552914	1.79611	1.79611	0.457929	0.920752	-1.08607	2.11E-05	0.392017	-2.55091	0.034674	0.764153	-1.30864	3.23E-07	0.196925	-5.07797	0.788938	0.971118	-1.02974	0.0961108	1.220292	1.22092	4.54502	8.4301	0.167976	1
cg25209191	TRIM63	0.00321617	0.726821	0.898158	-1.11353	0.3199102	0.689902	-1.44948	0.00347281	0.682824	-1.46528	0.239526	0.720427	-1.38806	0.00139355	0.80053	-1.24932	0.764544	0.894107	-1.11899	0.4064005	1.6109	1.6109	0.0115146	0.403	0.4744	-2.00144	0.948238	0.110365	0.011365	0.947727	0.183724	1
cg06163175	TRIM63	0.0128412	0.112404	0.496293	-2.01494	0.880527	0.940855	-1.06286	0.00218576	0.175169	-5.70879	0.0230783	0.332405	-3.00838	0.062071	0.426758	-2.34325	0.0420239	0.38684	-2.58505	0.00419668	0.211291	-4.73282	0.00519289	0.224184	-4.46063	0.2722	0.6603	0.6603	0.0625275	2.69283	4.8205	17.0503	3.14403	1
cg13998293	TRIM63	0.0160708	0.428763	0.888025	-1.12564	0.0704552	0.205222	-1.87276	0.02481	0.534255	-1.87276	0.0248	0.647026	0.611178	0.0147026	0.51756	-1.93256	0.0482763	0.54451	-1.83693	0.0148564	0.351702	-2.84361	0.0083	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg16016319	TRIM63	0.0184843	0.464007	0.279936	-3.57224	0.0138582	0.183225	-5.45777	0.0682425	0.32001	-3.12491	0.298461	0.548021	-1.82475	0.0195883	0.20721	-4.82601	0.063658	0.312371	-3.20133	0.0034004	0.108397	-9.22531	0.0052242	0.127909	-7.81804	0.0391205	0.265691	-3.76377	4.81374	23.8322	4.38439	1
cg08561079	TRIM64B	0.0250836	0.47722	0.817651	-1.22302	0.0254774	0.477306	-2.09509	0.00504546	0.35592	-2.80962	0.110211	0.615738	-1.62407	0.00764267	0.384721	-2.59929	0.133482	0.637069	-1.56969	0.00585554	0.366082	-2.73163	0.2824357	0.732613	-1.36498	0.102255	0.605546	-1.6514	4.35218	5.34883	1.09245	1
cg15238200	TRIM65	0.0196529	0.0998609	1.43	1.43	0.0324306	0.139	-1.7385	0.0164	1.3	1.3	0.0	1.3	1.3	0.0	1.3	1.3	0.146613	1.36169	1.36169	0.0444876	2.16663	2.16663	0.0	1.3	1.3	0.0	1.3	1.3	0.0	1.3	1.3	0.0	1.3	1
cg15137628	TRIM65	0.0266253	0.0120114	4.78285	-2.0908	8.70E-05	0.190706	-5.24368	1.40E-05	0.118525	-8.43701	0.00515336	0.419122	-2.38594	0.0500203	0.590912	-1.6923	0.012693	0.482299	-2.0734	7.06E-06	0.0964758	-10.3653	0.171619	1.40861	0.0013288	0.333291	-3.00038	25.8915	22.7241	0.780147	1
cg08926040	TRIM65	0.0205157	0.8477795	0.954675	-1.04773	0.6455605	0.703183	1.42213	0.0183832	0.703077	-1.42213	0.0183832	0.703077	-1.4957	0.0155113	0.644	-1.55272	0.4229726	0.837907	-1.19347	0.2742292	1.19061	1.19061	0.2244725	1.24722	1.24722	0.1731	1.34539	0.0889553	1.382768	1.382768	1.382768	1.382768	1.382768	1
cg27044202	TRIM66	0.0459168	0.628799	1.07358	1.07358	0.957492	1.0078	1.0078	0.0473485	0.718417	-1.39195	0.809553	1.03582	1.03582	0.57005	1.08727	1.08727	0.18961	1.22448	1.22448	0.00171716	1.91983	1.91983	0.746107	1.04849	1.04849	0.340642	1.15388	1.15388	3.49897	1.1773	0.299086	1
cg04096525	TRIM67	0.00314722	0.757982	0.947632	-1.05526	0.079559	1.2689	1.2689	0.0215001	0.668507	-1.49497	0.154998	0.815528	1.31538	3.86E-06	0.178226	-5.61079	0.002215549	0.675668	0.56103	0.7448	1.06863	1.06863	0.0409928	0.684836	-1.4602	0.161629	0.894	0.894	2.16135	1
cg09004556	TRIM7	0.0221137	1.0443	1.0443	1.0443	0.566352	0.956223	-1.64578	0.0101118	0.65295	-1.53295	0.07205	1.16773	1.16773	0.0112967	0.782684	1.32776	0.1646032	1.25422	1.25422	0.1906	1.15031	1.15031	-1.05681	0.0484099	1.19014	1.19014	0.037301	1.20522	1.20522	4.6564	1.3851	0.0839607	1
cg10433805	TRIM7	0.00796024	0.0630777	1.903	1.903	0.694389	0.885567	-1.12922	0.0937031	1.7635	1.7635	0.0317395	0.460788	-2.1702	0.0651312	0.52872	-1.89136	0.521258	0.818662	-1.22151	0.00215798	0.265685	-3.76385	0.0110643	2.66608	2.66608	0.0277757	0.677291	-1.47647	6.3541	9.53163	1.3334	1
cg13881199	TRIM7	0.0131036	0.0107287	1.37208	1.37208	0.0145681	0.187681	-1.64041	0.0097731	1.99568	1.99568	0.0090864	0.216995	-1.00092	0.2117209	0.95344	-1.04893	0.1795	0.892354	-1.1204	0.1108229	0.97797	-1.39529	0.963476	1.02119	1.02119	0.0828958	1.19787	1.19787	4.95529	0.86611	0.132919	1
cg21178978	TRIM7	0.00225961	0.00747269	0.254283	-3.93263	0.683402	0.895405	-1.11681	0.573994	0.85897	-1.16419	0.085593	0.601305	-1.66305	0.252697	0.726333	-1.37678	0.64852	1.084423	-1.13068	0.0977264	1.62619	1.62619	0.101542	0.618923	-1.61571	0.454338	0.815488	-1.22626	4.33942	-0.92259	1.00835	1
cg14173085	TRIM7	0.00481564	0.152418	0.729434	-1.37067	0.601007	0.893098	-1.1147	0.411241	0.844209	-1.18477	0.001115881	0.268455	2.66455	0.001134428	0.372209	-2.68666	0.996068	1.08986	1.00088	1.596-05	0.194109	-5.15176	0.0195846	0.687353	-1.45507	0.3977058	1.249418	1.249418	5.44402	9.686008	0.502643	1
cg10505275	TRIM8	0.00089134	0.0206816	-0.174582	-5.72797	0.115788	0.663	-1.50678	0.0144	0.595216	-1.02541	0.0286886	0.53852	-1.85693	0.0150846	0.534009	-1.99339	0.003618196	0.390034	-2.56388	0.009078	0.6563	1.06009765	0.280298	-1.59334	0.0042496	0.399454	-2.50338	12.1557	11.0731	0.809726	1
cg14958491	TRIM8	0.0204816	0.607797	1.06747	1.06747	0.202485	0.798397	-1.25251	0.417434	0.870525	-1.14873	0.807631	1.04166	1.04166	0.0607577	1.42437	1.42437	0.0924862	0.733585	-1.36317	0.0097874	2.2714	2.2714	0.146813	1.29765	1.29765	0.863878	1.02814	1.02814	6.44668	2.06924	0.394156	1
cg13618776	TRIM9;TRIM69	7.42E-07	0.0100204	0.167228	0.167228	0.0145751	0.1622	0.1622	0.00160875	0.166833	0.1622	1.23E-05	0.199316	0.199316	1.38137	0.0012865	0.165929	0.0012865	0.167228	0.167228	0.0145751	0.1622	0.1622	0.00160875	0.166833	0.1622	1.23E-05	0.199316	0.199316	1.38137	0.0012865	0.165929	-4.77605	78.0929	0.331	0.497727	1
cg10517312	TRIM9;TRIM69	0.0102751	0.00154166	0.284505	-3.51488	0.469694	1.22503	1.22503	0.040313	0.520142	-1.92255	0.0553215	0.549131	-1.82106	0.00874619	0.397864	-2.51342	0.161163	0.661694	-1.51127	0.00256825	0.315474	-3.16983	0.628986	0.87429	-1.14378	0.0904208	0.597598	-1.67337	5.85948	7.06626	1.07196	1
cg22107533	TRIM9;TRIM69	0.0145832	0.240747	0.719181	-1.39047	0.546278	1.1819	1.1819	0.00272737	0.244042	-4.09262	0.137928	0.645464	-1.54927	0.0383634	0.518888	-1.92917	0.293972	0.74207	-1.34758	0.138885	0.646334	-1.54719	0.137402	1.54545	1.54545	0.0275994	1.48744	1.48744	-2.04188	5.22114	6.21984	1.0573	1
cg05439368	TRIM9;TRIM69	0.0200205	0.207713	0.654435	-1.52804	0.223352	1.50429	1.50429	0.0245923	0.425223	-2.35005	0.152562	0.613226	-1.63072	0.00298279	0.272464	-3.67021	0.2123007	0.369714	2.7048	0.0490077	0.488067	-2.0489	0.428962	1.02439	1.02439	0.929743	1.07943	1.07943	0.148005	0.603988	1.64099	4.70293	7.58685	1.43397	1
cg24933321	TRIM71	2.82E-07	2.01E-05	0.430899	-2.32073	2.44E-08	0.132925	-7.52305	2.71E-06	0.332877	-3.00412	1.26E-05	0.408012	-2.45091	2.49E-06	0.328637	-3.04287	0.000935892	0.61772	-1.61886	1.11E-07	0.189444	-5.27861	0.150093	1.16243	1.16243	0.00261297	0.665878	-1.50178	101.196	15.2525	0.133975	1
cg21654379	TRIM71	1.44E-06	0.00526203	0.816348	-1.22483	0.227728	0.223727	-4.49771	4.73E-06	0.275896	-2.66031	0.567609	0.747473	-1.33796	0.00013	0.14467	-6.91127	0.002155149	0.675668	0.56103	0.74488	1.06863	1.06863	0.0409928	0.684836	-1.4602	0.161629	0.894	0.894	2.16135	1
cg21805727	TRIM71	0.00084606	0.00175891	0.324491	-3.08175	0.617371	0.880568	-1.13563	0.201423	1.4059	1.4059	0.12247	0.65531	-1.526	0.0790591	0.611163	-1.63622	0.0228904	0.502868	1.98859	0.950432	0.984424	-1.01582	0.645	0.81632	0.40967	0.806406	-1.24007	12.3346	12.4571	0.897715	1
cg04507955	TRIM71	0.00189153	0.0189593	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0130702	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5	1
cg23528400	TRIM71	0.00214171	0.016304	0.657701	-1.52045	0.815292	1.03386	1.03386	0.864005	0.975903	-1.02469	0.00579649	1.67237	1.67237	0.137944	0.796695	-1.25519	0.0973459	0.771934	-1.29545	0.000207361	0.413251	-2.41983	0.282557	-1.72119	1.17219	0.0354817	1.41671	1.41671	9.45121	3.03031	0.285001	1
cg12138417	TRIM71	0.00312875	0.0674077	0.36583	-2.73351	0.334062	0.613324	-1.63046	0.287327	0.581531	-1.7196	0.834137	0.902228	-1.10837	0.0817945	0.388162	-2.57624	0.17249	0.20901	0.129486	0.447423	-2.23502	0.831-05	31.2217	31.2217	0.644459	1.2561	1.2561	5.45193	32.2288	3.3895	1
cg13896818	TRIM71	0.00389702	0.00117961	0.142328	-6.99475	0.0419507	0.477067	-2.06754	0.00104301	0.176853	-5.66883	0.0222	0.316835	-3.16317	0.00160875	0.166833	-5.99403	0.0212033	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg15923864	TRIM71	0.00422176	0.2709936	0.665013	-1.50373	0.08860919	0.303396	-3.29602	0.0200447	0.368361	-2.71473	0.605369	0.830676	-1.20384	0.00058735	0.151026	-6.62138	0.0233219	0.381088	-2.62407	0.0014886	0.195794	-5.1074	0.260895	0.658797	-1.51792	0.00282912	0.231442	-4.32073	7.72562	15.5001	1.78339	1
cg09097338	TRIM71	0.00440361	0.00709256	0.356509	-2.80577	0.540278	1.1819	1.1819	0.00272737	0.244042	-4.09262	0.137928	0.645464	-1.54927	0.0383634	0.518888	-1.92917	0.0046539	0.240956	4.15048	0.0016016	0.031654	-31.5898	0.0052051	0.129495	-7.72528	0.0027264	-4.12031	0.0809865	0.49556	0.022728	0.52334	1
cg04776998	TRIM71	0.00443871	0.588383	0.863003	-1.15874	0.00568998	0.237092	-4.21777	0.0596739	0.563795	-1.7737	0.820175	1.06332	1.06332	0.0348501	0.805281	1.36522	0.2308	0.473019	-2.11408	0.0469071	0.225068	-4.44439	-2.25068	0.0135809	0.285

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11807446	TRIML2	6.74E-05	0.194684	0.77752	-1.28614	0.0150733	1.72969	1.72969	0.000813294	0.396077	-2.52476	0.000698566	0.387331	-2.58177	0.647361	1.08816	1.08816
cg11765851	TRIML2	0.000187972	0.0801016	0.664047	-1.50592	0.00538651	0.461845	-2.16523	0.00115168	0.365247	-2.73787	0.000218667	0.272701	-3.66701	8.85E-05	0.227535	-4.39493
cg17565478	TRIML2	0.00639514	0.0301089	0.391462	-2.55453	0.454624	0.755736	-1.32321	0.060377	0.458961	-2.17883	0.051531	0.442648	-2.25913	0.0042968	0.24557	-4.07216
cg26320006	TRIO	1.14E-05	3.55E-05	0.24788	-4.03421	0.0376484	0.656066	-1.52424	0.000167146	0.326166	-3.06592	2.47E-05	0.230851	-4.3318	8.88E-06	0.185615	-5.38751
cg24758077	TRIO	2.52E-05	0.0278362	0.61847	-1.61689	4.81E-06	0.144831	-6.9046	0.000213517	0.318828	-3.13649	0.450434	1.15274	1.15274	0.533004	0.889839	-1.1238
cg04646987	TRIO	0.000314279	0.00177792	0.118867	-8.41275	0.305715	1.66143	1.66143	0.0396421	0.320162	-3.12342	0.120902	0.447028	-2.237	0.107736	0.431616	-2.31687
cg21999071	TRIO	0.000462324	0.176567	1.33321	1.33321	0.00105476	0.379142	-2.63754	0.0133265	0.5413	-1.84741	0.00271908	0.436591	-2.29047	0.00245052	2.32496	2.32496
cg12151443	TRIO	0.00121498	0.533499	0.895066	-1.11724	0.229819	1.24792	1.24792	0.831351	1.0382	1.0382	0.803957	0.957222	-1.04469	0.257315	0.812365	-1.23097
cg10559231	TRIO	0.00137093	0.00118836	0.335561	-2.98008	0.320857	1.26573	1.26573	0.180182	1.38679	1.38679	0.104454	1.50346	1.50346	0.000800619	0.312592	-3.19906
cg06824157	TRIO	0.00237052	0.00830344	0.339296	-2.94728	0.0337156	0.451843	-2.21316	0.146412	0.606908	-1.6477	0.601921	0.844853	-1.18364	0.26672	0.690266	-1.44872
cg18433229	TRIO	0.00238475	0.022784	0.786216	-1.27191	0.00707933	1.35954	1.35954	0.192582	1.12943	1.12943	0.560812	1.05328	1.05328	0.00260239	0.692003	-1.44508
cg13937654	TRIO	0.00243091	0.89271	0.976712	-1.02384	0.0154917	0.595396	-1.67955	0.428786	1.15148	1.15148	0.493406	0.885634	-1.12914	0.127123	0.749697	-1.33387
cg18762695	TRIO	0.00286221	0.00632402	0.745802	-1.34084	0.315532	1.08938	1.08938	0.0276907	0.806778	-1.2395	0.893711	0.989034	-1.01109	0.121415	0.870647	-1.14857
cg00332950	TRIO	0.00396116	0.697407	1.11124	1.11124	0.387403	1.27017	1.27017	0.617036	0.872764	-1.14579	0.719146	1.10238	1.10238	0.572326	0.85726	-1.16651
cg26060817	TRIO	0.00411704	0.00261137	0.273916	-3.65075	0.0167154	2.47775	2.47775	0.533142	0.821958	-1.21661	0.263565	0.696273	-1.43622	0.045781	0.491031	-2.03653
cg26946880	TRIO	0.00444924	0.150268	1.25551	1.25551	0.00808181	1.64959	1.64959	0.00105111	2.04475	2.04475	0.0356595	0.697127	-1.43446	0.247594	1.19527	1.19527
cg12457043	TRIO	0.00462256	0.70349	1.05626	1.05626	0.549338	1.09059	1.09059	0.0963901	0.770056	-1.29861	0.134546	0.793789	-1.25978	0.46235	1.11303	1.11303
cg26689441	TRIO	0.00535926	0.00494014	0.399047	-2.50597	0.204168	0.718439	-1.39191	0.836549	0.9503	-1.0523	0.0821721	1.60835	1.60835	0.00164774	0.328958	-3.0399
cg03604424	TRIO	0.00542193	0.237286	0.820556	-1.21869	0.0780286	1.36723	1.36723	0.344968	1.1681	1.1681	0.0278829	0.660282	-1.5145	0.00351717	0.531406	-1.8818
cg17687981	TRIO	0.00564984	0.0101866	0.585552	-1.70779	0.000554734	0.412663	-2.42329	0.211959	0.804781	-1.24257	0.759112	1.05212	1.05212	0.0445757	1.4637	1.4637
cg19800026	TRIO	0.00611851	0.448683	1.52637	1.52637	0.624894	0.763457	-1.30983	0.00355835	0.114937	-8.70042	0.83498	1.12104	1.12104	0.0187523	0.210137	-4.7588
cg04298857	TRIO	0.00878675	0.396231	1.19348	1.19348	0.0147669	1.84194	1.84194	0.0047526	2.1454	2.1454	0.0150223	1.83783	1.83783	0.0357065	0.607971	-1.64482
cg09086037	TRIO	0.00945762	0.0663386	1.66221	1.66221	0.0015943	3.05822	3.05822	0.0649446	0.599651	-1.66764	0.54701	1.16228	1.16228	0.0866086	1.59528	1.59528
cg09822136	TRIO	0.011626	0.34244	1.28732	1.28732	0.264082	0.740384	-1.35065	0.88584	1.03779	1.03779	0.0485012	1.78962	1.78962	0.0126091	0.448922	-2.22756
cg24602243	TRIO	0.0139551	0.0620505	0.785428	-1.27319	0.00277931	1.60664	1.60664	0.00965757	1.45717	1.45717	0.466914	0.918414	-1.08883	0.130376	0.828771	-1.20661
cg12964346	TRIO	0.0154053	0.744286	0.90624	-1.10346	0.0607246	0.529414	-1.88888	0.0307762	0.466232	-2.14485	0.0350081	2.09367	2.09367	0.0502119	0.510938	-1.95718
cg04139630	TRIO	0.0167998	0.857229	1.04823	1.04823	0.610288	1.1439	1.1439	0.614282	1.14215	1.14215	0.415212	1.24337	1.24337	0.222097	0.714887	-1.39882
cg12294026	TRIO	0.0176842	0.0486766	0.472547	-2.11619	0.572507	1.20907	1.20907	0.456594	0.776928	-1.28712	0.176171	0.619555	-1.61406	0.619718	0.846588	-1.18121
cg01560448	TRIO	0.0216447	0.151649	0.654182	-1.52863	0.123747	0.630941	-1.58493	0.019923	0.460141	-2.17325	0.24358	1.40083	1.40083	0.010784	0.412779	-2.4226
cg07768372	TRIO	0.0231903	0.830022	0.936517	-1.06779	0.0888956	0.564132	-1.77264	0.00807938	0.355249	-2.81493	0.994019	1.00229	1.00229	0.160196	0.632699	-1.58053
cg21151287	TRIO	0.0249217	0.0598473	2.6628	2.6628	0.00518795	5.48327	5.48327	0.382117	1.51199	1.51199	0.241847	1.75948	1.75948	0.0108298	4.37562	4.37562
cg20713035	TRIO	0.0279929	0.649827	1.09155	1.09155	0.00981252	1.86947	1.86947	0.0193011	1.72004	1.72004	0.689486	0.925915	-1.08001	0.00888941	0.528312	-1.89282
cg04115026	TRIO	0.0283671	0.00460494	0.317895	-3.14569	0.0265486	0.44976	-2.22341	0.0455969	0.498251	-2.00702	0.0604484	0.525486	-1.903	0.135195	0.612992	-1.63134
cg02705758	TRIO	0.0304257	0.0148165	0.180819	-5.53038	0.329888	0.563507	-1.7746	0.0296539	0.232151	-4.30755	0.0976568	0.354632	-2.81983	0.0272286	0.225193	-4.44064
cg01319727	TRIO	0.0339516	0.950847	1.00766	1.00766	0.137803	1.21864	1.21864	0.0590931	0.76819	-1.30176	0.43502	1.10357	1.10357	0.0334003	1.36014	1.36014
cg17742293	TRIO	0.0357286	0.75297	1.26878	1.26878	0.177442	2.94686	2.94686	0.80995	0.833884	-1.19921	0.321855	2.16334	2.16334	0.646509	1.41648	1.41648
cg03565437	TRIO	0.0385853	0.456267	1.16385	1.16385	0.714389	1.07627	1.07627	0.134741	0.724357	-1.38053	0.322978	1.22649	1.22649	0.0160687	1.80253	1.80253
cg23974120	TRIO	0.0391437	0.0474418	0.665053	-1.50364	0.785605	0.952139	-1.05027	0.930239	1.01587	1.01587	0.123051	0.740442	-1.35054	0.0044694	1.97779	1.97779
cg09828761	TRIO	0.0408492	0.0120705	0.218109	-4.58486	0.716296	0.837307	-1.19431	0.077624	0.385108	-2.59667	0.112734	0.43173	-2.31626	0.678815	0.816618	-1.22456
cg23329275	TRIO	0.0439653	0.0291349	0.345229	-2.89663	0.0434881	0.38274	-2.61274	0.0706217	0.433553	-2.30652	0.452376	0.728558	-1.37257	0.13857	0.517071	-1.93397
cg26207568	TRIO	0.0439912	0.0201147	0.371208	-2.6939	0.0615727	0.475079	-2.10491	0.0199981	0.370727	-2.69741	0.755065	0.895286	-1.11696	0.0966825	0.524892	-1.90516
cg05649906	TRIO	0.0474705	0.171221	0.604853	-1.6533	0.0756704	1.97856	1.97856	0.387907	1.35717	1.35717	0.926182	1.0325	1.0325	0.104269	0.541785	-1.84575
cg22472360	TRIO	0.0480118	0.0206721	0.280168	-3.56928	0.02736	0.30363	-3.29349	0.0166852	0.263323	-3.79761	0.229414	0.562213	-1.77868	0.0227879	0.288135	-3.4706
cg26502057	TRIO	0.0482813	0.00970812	0.507309	-1.97118	0.386775	1.20205	1.20205	0.357386	0.82173	-1.21695	0.0115258	0.519205	-1.92602	0.0222035	0.566276	-1.76592
cg06594770	TRIOBP	0.0354106	0.394625	0.878562	-1.13822	0.203771	1.2204	1.2204	0.0253955	1.48372	1.48372	0.369516	0.8721	-1.14666	0.314608	0.856914	-1.16698
cg06644488	TRIOBP	0.0356194	0.146033	0.621022	-1.61025	0.157281	1.58674	1.58674	0.00361423	3.32795	3.32795	0.410655	1.29282	1.29282	0.0426669	0.490497	-2.03875
cg11540735	TRIOBP	0.0384846	0.267034	0.688564	-1.4523	0.898284	0.959571	-1.04213	0.0119512	2.75134	2.75134	0.837152	1.06867	1.06867	0.0576777	0.500264	-1.99894
cg12379720	TRIOBP	0.047657	0.434658	0.783288	-1.27667	0.0589814	1.92211	1.92211	0.0207706	2.34646	2.34646	0.121013	1.67396	1.67396	0.486695	0.805287	-1.24179
cg12361663	TRIOBP;TRIOBP;TRIOBP	0.00102337	6.59E-05	0.0875031	-11.4282	0.52456	0.80689	-1.23933	0.456983	1.28666	1.28666	0.306143	1.42269	1.42269	0.293109	1.43749	1.43749
cg05463782	TRIOBP;TRIOBP;TRIOBP	0.00122531	0.878769	1.01793	1.01793	0.910914	0.987051	-1.01312	0.236496	0.865504	-1.1554	0.148752	0.834985	-1.19763	0.000100381	0.4479	-2.23264
cg12354986	TRIOBP;TRIOBP;TRIOBP	0.016199	0.00908335	1.8212	1.8212	0.0813884	0.705163	-1.41811	0.411049	0.85898	-1.16417	0.0472311	1.50769	1.50769	0.00400092	0.496845	-2.0127
cg05797418	TRIOBP;TRIOBP;TRIOBP	0.0163227	0.0169594	0.321366	-3.11172	0.141081	1.8535	1.8535	0.198959	1.69747	1.69747	0.351	0.687835	-1.45384	0.92355	0.963273	-1.03813
cg22615910	TRIOBP;TRIOBP;TRIOBP	0.0198145	0.0142346	0.254437	-3.93025	0.468038	0.715894	-1.39685	0.00791112	0.213989	-4.67314	0.470609	1.39407	1.39407	0.0228009	0.291317	-3.43269
cg19736654	TRIP10	1.85E-06	0.686507	0.954154	-1.04805	0.77247	1.0341	1.0341	1.54E-06	0.245294	-4.07673	3.79E-05	0.400603	-2.49624	2.58E-06	0.268943	-3.71827
cg08565675	TRIP10	8.77E-05	0.0286228	0.834127	-1.19886	0.117828	0.887549	-1.1267	0.966979	0.997097	-1.00291	0.109518	1.13038	1.13038	0.780433	1.01982	1.01982
cg05399707	TRIP10	0.00100412	1.17E-05	0.180256	-5.54768	0.204439	0.780915	-1.28055	0.339597	0.833805	-1.19932	0.0317382	0.628187	-1.59188	0.746467	1.06173	1.06173
cg02085507	TRIP10	0.00104441	0.352588	0.664157	-1.50567	0.58728	1.26423	1.26423	0.0168986	0.287436	-3.47904	0.477559	0.734224	-1.36198	2.23E-05	0.0262784	-38.0541
cg03070187	TRIP10	0.00292195	0.157922	0.726287	-1.37687	0.664186	1.09694	1.09694	0.109925	0.691354	-1.44644	0.867469	1.03601	1.03601	0.000112395	0.237493	-4.21065
cg00513012	TRIP10	0.00451077	0.883276	1.01802	1.01802	0.0107557	0.677278	-1.4765	0.0627145	0.775184	-1.29002	0.385274	1.11431	1.11431	0.688786	0.952226	-1.05017
cg17518818	TRIP10	0.00886243	0.598248	0.932899	-1.07193	0.0241809	0.703915	-1.42063	0.0240438	0.703587	-1.42129	0.0397851	1.36411	1.36411	0.011546	0.661923	-1.51075
cg13860006	TRIP10	0.0106135	0.392602	0.622691	-1.60593	0.0121215	0.184255	-5.42725	0.275102	0.541099	-1.84809	0.710999	1.22299	1.22299	0.000251273	0.0381707	-26.1981
cg12098873	TRIP10	0.0173436	0.0200122	0.663396	-1.50739	0.497854	1.10585	1.10585	0.200932	1.21833	1.21833	0.0270389	0.682005	-1.46627	0.00979886	0.620387	-1.6119
cg03705926	TRIP10	0.0202568	0.37258	0.778416	-1.28466	0.0108656	2.39919	2.39919	0.596402	1.15749	1.15749	0.802248	1.07108	1.07108	0.97675	1.00801	1.00801
cg21809007	TRIP10	0.0319886	?	?	?	0.0151729	5.43262	5.43262	0.155001	2.37146	2.37146	0.129121	2.53559	2.53559	0.0343942	0.246587	-4.05536
cg02987249	TRIP10	0.0374818	0.151574	0.437389	-2.28629	0.0300577	0.253276	-3.94827	0.0503478	0.301012	-3.32212	0.0743671	0.343004	-2.91542	0.0032113	0.1148	-8.71078
cg27330006	TRIP10	0.040913	0.460611	1.12067	1.12067	0.940945	0.988827	-1.0113	0.00779696	1.67873	1.67873	0.0193324	1.53574	1.53574	0.354564	1.15539	1.15539
cg18732869	TRIP10	0.0446377	0.913321	1.01542	1.01542	0.30924	1.15935	1.15935	0.293603	0.858065	-1.16541	0.375998	1.13616	1.13616	0.00106049	0.506543	-1.97417
cg24074253	TRIP11	2.28E-05	9.60E-07	0.198605	-5.03513	0.000207259	0.459695	-2.17536	0.025707	0.717842	-1.39306	0.0313384	0.729052	-1.37165	0.0067712	0.644577	-1.5514
cg03067248	TRIP11	0.00275972	0.0539904	0.769335	-1.29982	0.00886107	1.4909	1.4909	0.000304483	2.02075	2.02075	0.364015	1.11832	1.11832	0.57241	1.07078	1.07078
cg24053163	TRIP11	0.00481745	0.00386947	0.223714	-4.46999	0.00458153	0.233994	-4.27361	0.169054	0.569024	-1.75739	0.122857	0.525563	-1.90272	0.146803	0.549235	-1.82071
cg16590691	TRIP11	0.0236725	0.00901494	0.235217	-4.25139	0.0952199	2.22356	2.22356	0.36465	0.666272	-1.50089	0.0437664	2.74648	2.74648	0.0489706	0.375345	-2.66421
cg02005709	TRIP11	0.0306797	0.00142432	1.9242	1.9242	0.0214823	1.47958	1.47958	0.850633	1.0271	1.0271	0.89552	1.01881	1.01881	0.357619	0.874439	-1.14359
cg06665984	TRIP11;TRIP11	0.00914245	0.0126098	0.668038	-1.49692	0.240842	1.17316	1.17316	0.349251	1.13352	1.13352	0.409692	0.896138	-1.1159	0.0114391	1.50924	1.50924
cg12835175	TRIP12	0.000166382	0.593105	0.952946	-1.04938	0.00164105	0.668386	-1.49614	0.000176573	0.566551	-1.76507	0.00656254	1.37095	1.37095	1.40E-05	0.444861	-2.24789
cg00211337	TRIP12	0.00766237	0.0156508	0.249175	-4.01325	0.00487417	0.173736	-5.75586	0.00982749	0.216426	-4.62052	0.616979	0.789406	-1.26678	0.00474939	0.172295	-5.80398
cg20959174	TRIP12	0.0225062	0.0604108	1.69112	1.69112	0.0246049	1.94286	1.94286	0.561532	0.864464	-1.15679	0.0604381	1.691	1.691	0.0998168	0.639245	-1.56435
cg07864632	TRIP12	0.0257541	0.00132044	0.300635	-3.32629	0.497096	1.19405	1.19405	0.0977132	1.5958	1.5958	0.676776	0.897772	-1.11387	0.020439	0.487426	-2.05159
cg04707703	TRIP12	0.0278881	0.772905	0.974109	-1.02658	0.838792	0.981702	-1.01864	0.513393	1.06193	1.06193	0.00757453	1.36537	1.36537	0.0271269	1.26762	1.26762
cg09258877	TRIP12	0.0330748	0.101148	0.426445	-2.34497	0.0852691	0.405242	-2.46766	0.0858198	0.406019	-2.46294	0.0736603	0.388011	-2.57725	0.00409378	0.160598	-6.22674
cg21333026	TRIP12	0.0410213	0.434176	1.11648	1.11648	0.187714	0.824683	-1.21259	0.0348547	0.712093	-1.40431	0.128378	0.796982	-1.25473	0.0276419	0.698011	-1.43264
cg00992417	TRIP13	0.000431866	0.195666	0.695521	-1.43777	0.0346401	0.520205	-1.92232	0.0379826	0.528176	-1.89331	0.00289816	0.337437	-2.96352	1.24E-05	0.0868106	-11.5193
cg11421768	TRIP13	0.0088888	0.237273	2.20351	2.20351	0.0606069	3.85715	3.85715	0.0309321	0.198544	-5.03666	0.244887	2.17319	2.17319	0.0303573	0.197067	-5.07442
cg17510385	TRIP13	0.0160003	0.527732	1.52363	1.52363	0.0911669	3.40277	3.40277	0.0180068	0.150847	-6.62922	0.134757	2.89005	2.89005	0.103652	0.309949	-3.22633
cg12705693	TRIP13	0.0424836	0.0550106	2.98365	2.98365	0.0332959	3.49004	3.49004	0.291801	0.577208	-1.73248	0.26106	1.80201	1.80201	0.609184	0.771776	-1.29571
cg14499678	TRIP13	0.0465033	0.108252	1.85322	1.85322	0.732235	1.12854	1.12854	0.00616388	0.284241	-3.51814	0.481871	1.28619	1.28619	0.377882	0.727197	-1.37514
cg03637066	TRIP13	0.0476028	0.46949	1.26772	1.26772	0.556694	1.21122	1.21122	0.0256677	0.425548	-2.34991	0.0973343	1.79769	1.79769	0.0278328	0.432561	-2.31181
cg13644239	TRIP13;BRD9;BRD9;TRIP13;BRD9	0.0367115	0.0260139	0.223964	-4.465	0.0590479	0.298998	-3.3445	0.395053	0.610593	-1.63775	0.280845	0.530026	-1.8867	0.00828238	0.147793	-6.76623
cg25951128	TRIP13;BRD9;TRIP13;BRD9;BRD9	0.00178248	0.233225	1.50738	1.50738	?	?	?	0.702348	0.881557	-1.13436	0.101288	1.80236	1.80236	0.000374628	0.154486	-6.47306
cg26504197	TRIP13;BRD9;TRIP13;BRD9;BRD9	0.00733012	0.492283	0.898781	-1.11262	0.232585	0.825684	-1.21112	0.920245	0.984792	-1.01544	0.6533	0.933154	-1.07163	0.229384	1.21287	1.21287
cg12679261	TRIP13;TRIP13	0.0131572	0.886405	0.970125	-1.03079	0.419543	0.839452	-1.19125	0.0047667	0.45152	-2.21474	0.0290013	0.579168	-1.72661	0.0418202	0.607869	-1.64509
cg07308931	TRIP13;TRIP13;BRD9;TRIP13;TRIP13;BRD9;BRD9	1.89E-05	0.478576	1.27227	1.27227	1.53E-06	0.00852238	-117.338	?	?	?	?	?	?	8.77E-05	0.0750755	-13.3199
cg17977043	TRIP13;TRIP13;BRD9;TRIP13;TRIP13;BRD9;BRD9	0.000380535	2.53E-05	0.374857	-2.66768	0.608751	0.941197	-1.06248	0.552498	1.07309	1.07309	0.0402993	0.757224	-1.32061	0.035901	0.750863	-1.3318
cg09874600	TRIP4	3.35E-08	0.0775591	1.19993	1.19993	0.0939672	1.18659	1.18659	0.071294	1.2058	1.2058	0.804381	1.02332	1.02332	0.0213978	0.773488	-1.29284
cg23333220	TRIP4	1.08E-05	0.639509	1.08011	1.08011	0.271659	0.829508	-1.20553	0.897854	1.0212	1.0212	0.0338311	1.49894	1.49894	0.630169	0.92381	-1.08247
cg05019168	TRIP4	0.00015171	?	?	?	0.668097	1.22537	1.22537	0.20026	0.526062	-1.90092	0.39256	0.661092	-1.51265	0.0074827	0.184769	-5.41216
cg05265081	TRIP4	0.00295117	0.0197192	0.488475	-2.04719	0.32333	0.771426	-1.2963	0.0587278	0.580898	-1.72147	0.276352	0.749722	-1.33383	7.50E-05	0.160602	-6.22659
cg13885043	TRIP4	0.00382698	0.962744	1.01601	1.01601	0.782051	1.09888	1.09888	0.22728	1.53877	1.53877	0.851561	1.06577	1.06577	0.830025	1.07583	1.07583
cg21501234	TRIP4	0.0361489	0.0222999	0.436455	-2.29118	0.00330751	0.297839	-3.35752	0.0342125	0.473317	-2.11275	0.487262	0.807624	-1.2382	0.079877	0.555253	-1.80098
cg19329389	TRIP4;TRIP4	4.95E-06	0.347948	1.25939	1.25939	0.914191	1.02606	1.02606	0.331219	0.787208	-1.27031	4.36E-05	0.157103	-6.36526	?	?	?
cg03568858	TRIP6	0.000424953	0.0197136	0.668028	-1.49694	0.210095	0.827632	-1.20827	0.000485015	2.18914	2.18914	0.00123791	1.96657	1.96657	0.218032	0.830606	-1.20394
cg24075113	TRIP6	0.00204524	0.14208	0.653877	-1.52934	0.10918	1.60027	1.60027	0.00242452	3.11586	3.11586	0.00600892	2.62817	2.62817	0.0151108	2.23355	2.23355
cg01274660	TRIP6	0.00811258	0.17855	1.8157	1.8157	0.0303701	2.89263	2.89263	0.0259572	3.01362	3.01362	0.0119759	3.7	3.7	0.0241988	3.06947	3.06947
cg18844331	TRIP6	0.00816024	0.883885	0.95787	-1.04398	0.951514	0.982249	-1.01807	0.986426	1.00502	1.00502	0.00768002	0.364563	-2.74301	0.00117081	0.245801	-4.06834
cg22851200	TRIP6	0.0111789	0.650032	1.20346	1.20346	0.00568336	4.35271	4.35271	0.0774729	2.21605	2.21605	0.0593128	2.37072	2.37072	0.0277717	2.87079	2.87079
cg14020762	TRIP6	0.0244129	0.640389	0.822232	-1.2162	0.890441	1.05901	1.05901	0.297033	1.56796	1.56796	0.0184912	3.28235	3.28235	0.0174177	3.33459	3.33459
cg12507655	TRIP6;TRIP6	0.0359499	0.431539	0.710783	-1.4069	0.419981	1.41963	1.41963	0.495991	1.34174	1.34174	0.0178647	3.40167	3.40167	0.0772068	2.306	2.306
cg22691587	TRIT1	4.65E-05	0.000372617	0.439115	-2.27731	0.690647	0.943812	-1.05953	0.345904	0.869075	-1.15065	0.000124697	0.380376	-2.62898	1.31E-05	0.266689	-3.74969
cg04599922	TRIT1	0.00308264	0.00326358	0.437328	-2.28661	0.0586896	0.643771	-1.55335	0.853133	0.962503	-1.03896	0.893382	1.02804	1.02804	0.00229114	0.41511	-2.409
cg02965157	TRIT1	0.00420108	0.0110623	0.458837	-2.17942	0.0139408	2.10131	2.10131	0.450212	0.828524	-1.20697	0.400421	1.23423	1.23423	0.000539456	0.26827	-3.72759
cg04921771	TRIT1	0.0101994	0.0448243	0.494153	-2.02366	0.441946	0.786634	-1.27124	0.894151	1.04159	1.04159	0.582992	0.843902	-1.18497	0.00195537	0.261752	-3.82041
cg07377740	TRIT1	0.0264653	0.85807	1.02497	1.02497	0.0486215	0.733192	-1.3639	0.095231	0.776795	-1.28734	0.314392	1.15413	1.15413	0.431909	1.11686	1.11686
cg02535111	TRMT11	4.85E-05	0.0516734	0.745543	-1.3413	0.00519138	0.613156	-1.63091	0.392107	0.89025	-1.12328	0.648531	1.06274	1.06274	6.01E-07	0.162027	-6.17183
cg03502630	TRMT11	0.00540451	0.0697329	0.63252	-1.58098	0.632996	0.89705	-1.11476	0.432389	0.834481	-1.19835	0.892489	0.969923	-1.03101	0.000256235	0.25677	-3.89454
cg27572301	TRMT11	0.00677148	0.00155043	0.562667	-1.77725	0.478541	1.09531	1.09531	0.467247	1.09798	1.09798	0.76364	0.96261	-1.03884	0.00225168	0.582578	-1.71651
cg03367560	TRMT11	0.0174031	0.000455612	0.0701391	-14.2574	0.731298	1.18042	1.18042	0.804831	1.12652	1.12652	0.502486	1.38747	1.38747	0.0227206	0.269239	-3.71418
cg20844146	TRMT11	0.0250165	0.0396137	0.319523	-3.12966	0.00819313	0.197505	-5.06317	0.151408	0.478552	-2.08964	0.74677	0.856129	-1.16805	0.0159842	0.243124	-4.11313
cg22149995	TRMT12	0.0412907	0.954866	1.01515	1.01515	0.0350166	0.520597	-1.92087	0.00610008	0.386231	-2.58912	0.535114	1.18165	1.18165	0.187635	0.689986	-1.4493
cg20108600	TRMT12;TRMT12	0.00678057	0.00109174	0.0995209	-10.0481	0.0155512	0.241478	-4.14117	0.0180161	0.252554	-3.95955	0.312254	0.606163	-1.64972	0.0315356	0.298908	-3.34551
cg18550241	TRMT1;TRMT1;NACC1;TRMT1	0.000711004	0.0774169	1.17731	1.17731	0.00143373	0.681582	-1.46718	0.379796	0.927818	-1.0778	0.312383	1.09079	1.09079	0.0266042	1.24424	1.24424
cg12187624	TRMT1;TRMT1;TRMT1	0.025617	0.00773259	0.136823	-7.30872	0.028386	0.222196	-4.50054	0.0740457	0.314302	-3.18165	0.254962	0.501081	-1.99568	0.0204492	0.197119	-5.07309
cg07745899	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.000122593	0.0033689	0.673652	-1.48444	0.000113427	0.511	-1.95695	0.00314475	0.670422	-1.4916	0.00931355	0.721261	-1.38646	1.40E-05	0.407477	-2.45413
cg09099391	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.00692778	0.354708	1.29579	1.29579	0.28673	1.3513	1.3513	0.105724	0.618206	-1.61758	0.072542	1.7251	1.7251	0.000188956	0.180247	-5.54794
cg02940028	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.0127886	0.163786	0.480586	-2.08079	0.00554803	0.165821	-6.03061	0.052919	0.33798	-2.95876	0.0118707	4.70548	4.70548	0.01129	4.78147	4.78147
cg17639969	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.0435339	0.838912	0.917623	-1.08977	0.0919563	0.45679	-2.18919	0.68073	0.839673	-1.19094	0.0250349	0.32433	-3.08328	0.00145536	0.143383	-6.97435
cg23235004	TRMT5	0.0449526	0.251266	0.848366	-1.17874	0.0259385	0.6958	-1.43719	0.0071697	0.621102	-1.61004	0.559558	0.922242	-1.08431	0.0186736	0.676318	-1.47859
cg15324973	TRMT5;SLC38A6	0.0009591	8.55E-05	0.460026	-2.17379	0.00453045	1.5162	1.5162	0.0144064	1.39362	1.39362	0.846096	1.02162	1.02162	0.116882	0.829063	-1.20618
cg09920522	TRMT5;SLC38A6	0.00257266	0.637552	0.94658	-1.05643	0.0137651	0.703069	-1.42234	0.00255612	0.616271	-1.62266	0.800962	1.02966	1.02966	0.00331556	0.6296	-1.58831
cg22905368	TRMT61A	0.001256	0.000203953	0.0184343	-54.2468	0.000326036	0.0240969	-41.4992	0.00193481	0.0599792	-16.6725	0.0894557	0.30087	-3.32369	0.048862	0.236261	-4.2326
cg16241861	TRMT61A	0.00337507	0.0306968	0.767901	-1.30225	0.0471811	0.789561	-1.26653	0.21298	0.872446	-1.1462	0.0913376	0.824113	-1.21343	0.181187	0.862701	-1.15915
cg26938255	TRMT61A	0.00890902	0.153204	0.561042	-1.7824	0.0788807	0.478384	-2.09037	0.41445	0.729621	-1.37057	0.0863272	0.488704	-2.04623	0.000319811	0.110677	-9.0353
cg19000871	TRMT61A	0.0155773	0.0042431	0.147142	-6.79616	0.867846	1.08696	1.08696	0.196892	0.50504	-1.98004	0.695392	1.21778	1.21778	0.00210808	0.114755	-8.71422
cg10395934	TRMT61A	0.0162653	0.87116	0.968708	-1.0323	0.0965189	1.42961	1.42961	0.661727	0.917378	-1.09006	0.187811	0.760796	-1.31441	0.863186	1.03436	1.03436
cg15449975	TRMT61A	0.0174715	0.577588	0.854135	-1.17077	0.0223878	2.1529	2.1529	0.440127	0.802008	-1.24687	0.373779	1.29157	1.29157	0.00312939	0.32232	-3.10251
cg09399850	TRMT61A	0.0198419	0.621664	0.804414	-1.24314	0.399312	1.45867	1.45867	0.568817	1.28655	1.28655	0.773909	0.881598	-1.1343	0.00480248	0.194503	-5.1413
cg08318365	TRMT61B	0.00652306	0.0197134	0.498326	-2.00672	0.0890569	0.628921	-1.59002	0.671916	1.1111	1.1111	0.21177	1.38445	1.38445	0.00254018	0.354921	-2.81753
cg05186036	TRMT61B	0.00729331	0.038853	1.45774	1.45774	0.842689	0.969174	-1.03181	0.11281	1.31257	1.31257	0.00202803	0.503682	-1.98538	0.00790727	1.71053	1.71053
cg07217625	TRMT61B	0.0162421	0.0835065	1.87189	1.87189	0.220532	0.656035	-1.52431	0.00151107	4.46282	4.46282	0.156257	0.608732	-1.64276	0.721162	1.12445	1.12445
cg08678364	TRMU	3.00E-05	0.0155527	0.62794	-1.59251	0.00968481	0.598517	-1.6708	0.000112723	0.345113	-2.8976	0.543361	0.908037	-1.10128	2.23E-06	0.162878	-6.13956
cg25967904	TRMU	0.000837799	0.795734	0.950533	-1.05204	0.0254172	0.594817	-1.68119	0.00382191	0.466431	-2.14394	0.151744	1.3503	1.3503	0.081535	0.685541	-1.4587
cg02378074	TRMU	0.00873117	0.890478	0.971162	-1.02969	0.0058664	0.464912	-2.15095	0.291464	0.792558	-1.26174	0.174982	1.35851	1.35851	0.847151	1.04184	1.04184

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11807446	0.338454	0.834434	-1.19842	8.14E-06	0.167284	-5.97784	0.0228261	0.606722	-1.6482	2.45E-05	0.21437	-4.66482	24.5943	13.1069	0.47371	1
cg11765851	0.0323656	0.589627	-1.69599	0.264174	1.27813	1.27813	0.00113324	0.364291	-2.74506	3.69E-05	0.187623	-5.32984	18.6826	13.1542	0.625858	1
cg17565478	0.013074	0.322397	-3.10177	0.000542254	0.13844	-7.22334	0.0369374	0.41023	-2.43765	0.00444975	0.247757	-4.03622	6.8036	14.5699	1.90355	1
cg26320006	0.000104626	0.301638	-3.31523	1.35E-06	0.11538	-8.66698	0.400376	0.860302	-1.16238	0.0015126	0.449886	-2.22278	39.2357	18.9868	0.430149	1
cg24758077	2.05E-05	0.203913	-4.90404	7.42E-06	0.161353	-6.19758	0.551089	0.894508	-1.11793	0.289341	0.81604	-1.22543	31.8742	17.2476	0.480992	1
cg04646987	0.404588	1.50415	1.50415	1.03E-05	0.0108937	-91.7964	0.375923	1.54494	1.54494	0.000627153	0.0807034	-12.3911	16.242	58.9457	3.22597	1
cg21999071	0.00267799	2.29547	2.29547	0.000974276	2.67037	2.67037	0.991319	1.00218	1.00218	0.427392	1.17611	1.17611	14.6042	9.26894	0.564159	1
cg12151443	0.27948	1.21853	1.21853	1.31E-05	0.200332	-4.99172	0.769904	1.05291	1.05291	0.316912	0.83371	-1.19946	11.1323	5.44792	0.435004	1
cg10559231	0.0156132	1.9761	1.9761	0.150314	1.42511	1.42511	0.00426844	2.40702	2.40702	0.212167	0.739388	-1.35247	10.7541	8.99052	0.743119	1
cg06824157	0.000620527	0.185058	-5.40371	0.000116731	0.115063	-8.69091	0.726355	1.11913	1.11913	0.130443	0.592612	-1.68744	9.17435	14.9099	1.4446	1
cg18433229	0.00167344	1.48682	1.48682	0.00606921	1.37198	1.37198	0.958426	0.99541	-1.00461	0.765675	1.02673	1.02673	9.15824	1.12987	0.109664	1
cg13937654	3.83E-05	0.251944	-3.96913	0.0432665	0.666342	-1.50073	0.480128	0.882203	-1.13353	0.0284896	0.636747	-1.57048	9.1068	4.39753	0.429231	1
cg18762695	0.327239	1.087	1.087	0.00016773	1.69627	1.69627	0.399634	1.07372	1.07372	0.870628	1.01354	1.01354	8.67832	0.935242	0.0957934	1
cg00332950	0.0226434	0.478703	-2.08898	7.35E-05	0.142847	-7.00048	0.467304	0.819016	-1.22098	0.0223649	0.477698	-2.09337	7.87561	9.0886	1.02579	1
cg26060817	0.166776	1.58072	1.58072	0.00118275	0.228229	-4.38157	0.977289	1.00888	1.00888	0.014847	0.39422	-2.53665	7.78447	11.8952	1.35828	1
cg26946880	0.198285	0.818224	-1.22216	0.389932	0.878098	-1.13883	0.098742	1.30621	1.30621	0.00386694	1.77579	1.77579	7.60384	2.62208	0.306521	1
cg12457043	0.436649	0.892631	-1.12028	6.62E-05	0.350967	-2.84927	0.876016	1.0226	1.0226	0.0960121	0.769783	-1.29907	7.51614	2.43874	0.288416	1
cg26689441	0.0155603	0.480896	-2.07945	0.0215945	0.506203	-1.97549	0.0566299	1.70311	1.70311	0.0781466	0.616954	-1.62087	7.18447	6.92889	0.857268	1
cg03604424	0.0527187	1.42159	1.42159	0.136718	0.774074	-1.29187	0.348834	1.16657	1.16657	0.00152395	0.482366	-2.07311	7.1589	2.89313	0.359227	1
cg17687981	0.491983	0.891115	-1.12219	0.0254407	1.5507	1.5507	0.758458	1.05227	1.05227	0.169314	0.785167	-1.27361	7.06892	3.05467	0.384113	1
cg19800026	0.0540429	0.301868	-3.3127	0.00376536	0.11745	-8.51423	0.00754694	6.57195	6.57195	0.724394	1.21398	1.21398	6.89736	32.7725	4.22351	1
cg04298857	0.111732	0.702826	-1.42283	0.885787	0.971163	-1.02969	0.0245712	1.72489	1.72489	0.266845	0.79016	-1.26557	6.15902	4.04317	0.583523	1
cg09086037	0.12114	0.660531	-1.51393	0.0185123	0.494211	-2.02343	0.131504	1.49444	1.49444	0.544497	1.16341	1.16341	6.01676	5.80202	0.857164	1
cg09822136	0.403175	0.801799	-1.24719	0.337357	0.774607	-1.29098	0.000755848	0.267464	-3.73882	0.103952	0.631874	-1.58259	5.63097	5.94612	0.938638	1
cg24602243	0.290787	0.881587	-1.13432	0.0834712	0.802312	-1.2464	0.764654	1.03512	1.03512	0.818	1.02685	1.02685	5.30549	1.11054	0.186061	1
cg12964346	0.134961	1.62373	1.62373	0.0143023	0.403082	-2.48089	0.034597	2.09831	2.09831	0.978999	1.00795	1.00795	5.13517	7.35852	1.27375	1
cg04139630	0.148371	0.666649	-1.50004	0.00031688	0.217475	-4.59824	0.438856	1.22939	1.22939	0.616771	0.876372	-1.14107	4.9892	5.4056	0.963076	1
cg12294026	0.0717578	0.512076	-1.95283	0.00402226	0.276244	-3.61999	0.00690048	3.20344	3.20344	0.276678	0.686142	-1.45742	4.90421	8.60825	1.56025	1
cg01560448	0.147192	0.650695	-1.53682	0.00418358	0.346448	-2.88644	0.248291	1.39573	1.39573	0.261886	0.72383	-1.38154	4.57943	5.53516	1.0744	1
cg07768372	0.263857	0.700942	-1.42665	0.00147688	0.246698	-4.05354	0.220567	1.4813	1.4813	0.224792	0.677741	-1.47549	4.47213	6.59245	1.31033	1
cg21151287	0.125275	2.14963	2.14963	0.00554602	5.3698	5.3698	0.0291825	3.27196	3.27196	0.0514861	2.78013	2.78013	4.36199	14.6967	2.9949	1
cg20713035	0.510247	0.879849	-1.13656	0.509331	1.13688	1.13688	0.243542	1.26346	1.26346	0.72671	0.934963	-1.06956	4.18815	2.43637	0.517093	1
cg04115026	0.0276031	0.453104	-2.207	0.0119298	0.385384	-2.59481	0.692336	1.12847	1.12847	0.239138	0.687531	-1.45448	4.1686	6.09779	1.30026	1
cg02705758	0.117865	0.379573	-2.63454	0.0102847	0.158066	-6.32648	0.166566	2.31956	2.31956	0.0867504	0.339884	-2.94218	4.06642	20.9575	4.58115	1
cg01319727	0.144645	1.21394	1.21394	0.00570652	1.566	1.566	0.185835	0.840653	-1.18955	0.583578	0.933794	-1.0709	3.90985	0.948101	0.215547	1
cg17742293	0.608974	0.677727	-1.47552	0.000822743	0.0223728	-44.6971	0.898321	0.908108	-1.10119	0.395394	0.518779	-1.9276	3.83836	34.5602	8.00346	1
cg03565437	0.0361132	0.614227	-1.62806	0.254631	1.26854	1.26854	0.012629	1.85907	1.85907	0.562192	1.12433	1.12433	3.73219	2.36388	0.563001	1
cg23974120	0.618305	0.91361	-1.09456	0.0597412	1.46541	1.46541	0.311441	0.828316	-1.20727	0.983391	1.00375	1.00375	3.71257	1.90235	0.455474	1
cg09828761	0.224016	0.537156	-1.86166	0.00879753	0.197288	-5.06873	0.242453	1.81332	1.81332	0.026412	0.277834	-3.59927	3.65471	13.7008	3.33226	1
cg23329275	0.0729891	0.437257	-2.28699	0.0024949	0.175858	-5.68642	0.116872	0.494264	-2.02321	0.0939178	0.466771	-2.14238	3.55631	9.6379	2.40896	1
cg26207568	0.721445	0.881143	-1.13489	0.00892326	0.30855	-3.24096	0.274139	1.49512	1.49512	0.416926	0.745851	-1.34075	3.55553	7.03498	1.75876	1
cg05649906	0.366051	0.725796	-1.3778	0.00869072	0.315342	-3.17116	0.0593794	2.0844	2.0844	0.659748	0.858216	-1.16521	3.45541	6.51781	1.67668	1
cg22472360	0.177389	0.519656	-1.92435	0.0142886	0.251679	-3.97331	0.447998	0.702506	-1.42348	0.129325	0.473152	-2.11349	3.44065	11.3618	2.9353	1
cg26502057	0.187721	0.748564	-1.33589	0.436511	0.848181	-1.17899	0.0625228	0.647376	-1.5447	0.512672	0.871332	-1.14767	3.43337	2.33984	0.605777	1
cg06594770	0.0225301	1.50038	1.50038	0.527363	0.909289	-1.09976	0.407791	0.88185	-1.13398	0.00910408	1.63566	1.63566	3.85083	1.3448	0.310421	1
cg06644488	0.607849	0.853852	-1.17116	0.389932	0.764195	-1.30857	0.326675	0.7341	-1.36221	0.375526	0.757579	-1.32	3.84263	5.671	1.31183	1
cg11540735	0.994355	0.99772	-1.00229	0.0056645	0.309955	-3.22628	0.61625	0.849541	-1.17711	0.824686	1.07422	1.07422	3.73576	6.16117	1.46599	1
cg12379720	0.0892102	1.77587	1.77587	0.0689846	0.536037	-1.86554	0.152023	0.62487	-1.60033	0.314138	1.37572	1.37572	3.4503	5.13075	1.32181	1
cg12361663	0.000919643	0.192501	-5.19477	0.0354001	2.25937	2.25937	0.0451254	0.465387	-2.14875	0.0705768	0.51049	-1.9589	11.6897	20.4977	1.55866	1
cg05463782	0.293445	1.13531	1.13531	0.00011896	0.456613	-2.19004	0.88381	0.983115	-1.01717	0.138522	0.830519	-1.20407	11.1054	2.38511	0.190907	1
cg12354986	0.536471	1.11985	1.11985	0.328617	0.833321	-1.20002	0.2923	0.820714	-1.21845	0.339995	0.837083	-1.19463	5.05017	2.6156	0.460375	1
cg05797418	0.000976256	0.147763	-6.76761	0.662006	1.18706	1.18706	0.0953923	0.489576	-2.04258	0.439719	0.7355	-1.35962	5.03739	12.1247	2.1395	1
cg22615910	0.676824	1.20893	1.20893	0.00496855	0.185746	-5.38369	0.950211	1.02867	1.02867	0.0656239	0.392503	-2.54775	4.71948	15.3149	2.88448	1
cg19736654	8.01E-07	0.216602	-4.61676	0.00539464	1.52756	1.52756	0.0187749	1.39005	1.39005	4.91E-05	0.413792	-2.41667	62.693	13.2837	0.188343	1
cg08565675	0.0137415	1.23859	1.23859	1.14E-06	0.411589	-2.42961	0.37792	0.938431	-1.06561	0.59034	1.03891	1.03891	22.9278	1.79153	0.069456	1
cg05399707	0.961828	0.991201	-1.00888	0.298025	0.819378	-1.22044	0.449814	0.867442	-1.15281	0.104849	1.38722	1.38722	11.7528	6.34745	0.48007	1
cg02085507	0.162768	0.528627	-1.89169	0.0464961	2.65252	2.65252	0.0470891	0.378272	-2.6436	0.174908	1.85387	1.85387	11.6223	33.691	2.57672	1
cg03070187	0.24436	0.772606	-1.29432	0.0212975	1.79727	1.79727	0.00773458	0.484471	-2.06411	0.839849	1.04379	1.04379	8.62536	6.1296	0.631688	1
cg00513012	0.00515812	1.5669	1.5669	0.000772696	1.85684	1.85684	0.138417	0.823685	-1.21406	0.699717	0.953967	-1.04825	7.57223	1.77316	0.208148	1
cg17518818	0.610554	0.935109	-1.06939	0.00341499	1.68153	1.68153	0.914392	1.01415	1.01415	0.280896	0.863808	-1.15766	6.14231	1.65993	0.240219	1
cg13860006	0.576545	1.35683	1.35683	0.477151	0.676409	-1.4784	0.189903	0.471914	-2.11903	0.0577391	0.313311	-3.19171	5.79887	26.8682	4.11854	1
cg12098873	0.00429786	0.5722	-1.74764	0.236221	0.83405	-1.19897	0.260401	0.842296	-1.18723	0.46377	1.11519	1.11519	4.9363	1.67108	0.300915	1
cg03705926	0.72191	1.10273	1.10273	0.0101076	0.411469	-2.43031	0.00462097	0.356562	-2.80456	0.583082	0.859256	-1.1638	4.6842	5.55517	1.05417	1
cg21809007	?	?	?	0.926991	0.949329	-1.05338	0.0607286	0.301312	-3.31882	0.581993	1.37086	1.37086	4.14354	16.431	4.53195	1
cg02987249	0.0893152	0.364835	-2.74097	0.0117443	0.18377	-5.44158	0.428783	0.647423	-1.54459	0.216322	0.496465	-2.01424	3.77202	17.3046	4.07789	1
cg27330006	0.998981	1.00019	1.00019	0.00596535	1.72493	1.72493	0.500099	0.901398	-1.10939	0.755824	1.04844	1.04844	3.6526	1.33052	0.323792	1
cg18732869	0.403433	0.886801	-1.12765	0.204041	0.828329	-1.20725	0.482668	0.904608	-1.10545	0.644976	0.936889	-1.06736	3.53621	1.10572	0.277942	1
cg24074253	0.00546133	0.633004	-1.57977	0.013074	1.46989	1.46989	1.99E-05	0.339264	-2.94756	0.0113448	0.672566	-1.48684	32.7128	8.11154	0.220411	1
cg03067248	0.699764	0.954608	-1.04755	0.0129398	0.690843	-1.44751	0.0468076	0.761202	-1.31371	0.443045	0.910503	-1.09829	8.77249	1.99677	0.202327	1
cg24053163	0.0146861	0.314782	-3.1768	0.000205992	0.0914165	-10.9389	0.0430139	0.408184	-2.44988	0.0820593	0.476459	-2.09882	7.4223	17.4071	2.08467	1
cg16590691	0.276068	0.610252	-1.63867	0.0527128	0.382902	-2.61164	0.0556013	0.388472	-2.57419	0.176026	0.534133	-1.87219	4.44046	13.3631	2.67502	1
cg02005709	0.813351	1.03411	1.03411	0.0339778	1.42054	1.42054	0.242542	1.18941	1.18941	0.458892	1.11289	1.11289	4.0544	1.29161	0.283173	1
cg06665984	0.573155	0.928631	-1.07685	0.683373	1.05478	1.05478	0.0108504	1.51598	1.51598	0.00286294	1.70518	1.70518	6.08197	1.62943	0.238143	1
cg12835175	0.175729	0.879276	-1.1373	0.608173	0.954843	-1.04729	0.286639	1.10393	1.10393	0.0056582	0.722941	-1.38324	19.3093	2.44201	0.112416	1
cg00211337	0.0283178	0.296979	-3.36725	0.00293454	0.147188	-6.79405	0.59658	1.2847	1.2847	0.0263924	0.290905	-3.43755	6.43068	22.3999	3.09625	1
cg20959174	0.00466641	2.54304	2.54304	0.394286	0.805343	-1.24171	0.215435	0.723613	-1.38196	0.402753	1.23671	1.23671	4.5185	4.40533	0.866626	1
cg07864632	0.815412	0.941619	-1.062	0.961212	1.01259	1.01259	0.239268	0.728323	-1.37302	0.822349	1.05955	1.05955	4.31235	4.5192	0.931525	1
cg04707703	0.618981	1.0465	1.0465	0.0018413	1.49333	1.49333	0.185755	1.13565	1.13565	0.258894	1.1127	1.1127	4.19369	0.545916	0.115712	1
cg09258877	0.0320371	0.303456	-3.29537	0.00489009	0.170199	-5.87547	0.369581	0.645658	-1.54881	0.414362	0.672912	-1.48608	3.94684	14.0898	3.17323	1
cg21333026	0.304852	0.863548	-1.15801	0.050184	1.36107	1.36107	0.0701955	1.32242	1.32242	0.370771	0.880828	-1.1353	3.64904	1.10168	0.268364	1
cg00992417	0.0996346	0.619514	-1.61417	0.000677741	0.251988	-3.96844	0.0972441	0.617001	-1.62074	0.000688356	0.252829	-3.95525	14.882	16.5926	0.99106	1
cg11421768	0.062188	3.81793	3.81793	0.0991613	0.315543	-3.16914	0.00563997	10.1558	10.1558	0.0220141	5.77039	5.77039	6.13653	39.5722	5.73212	1
cg17510385	0.670518	1.32534	1.32534	0.0133056	0.13283	-7.52843	0.0411043	4.71684	4.71684	0.0393849	4.8	4.8	5.07096	34.791	6.09853	1
cg12705693	0.0193894	4.13846	4.13846	0.803208	1.13366	1.13366	0.0211947	4.02318	4.02318	0.0268787	3.73252	3.73252	3.60199	14.4003	3.55367	1
cg14499678	0.726933	1.13138	1.13138	0.0200138	0.372217	-2.6866	0.308717	1.44908	1.44908	0.51874	1.25901	1.25901	3.48232	6.83692	1.74518	1
cg03637066	0.407182	1.31433	1.31433	0.683254	1.14139	1.14139	0.0298152	2.27999	2.27999	0.271843	1.4459	1.4459	3.45179	5.68107	1.46297	1
cg13644239	0.106671	0.36875	-2.71186	0.00786473	0.144956	-6.89864	0.0207002	0.206462	-4.8435	0.0774725	0.329065	-3.03892	3.80069	19.3075	4.51555	1
cg25951128	0.000293438	0.144103	-6.93949	0.379202	1.34473	1.34473	0.983813	0.993361	-1.00668	0.882602	0.952643	-1.04971	10.1996	15.4784	1.51755	1
cg26504197	0.0856621	0.747755	-1.33734	0.000160797	0.372969	-2.68119	0.108883	1.30676	1.30676	0.522748	1.10419	1.10419	6.5206	2.41798	0.329619	1
cg12679261	0.000743176	0.337366	-2.96414	0.73944	0.931625	-1.07339	0.979213	1.00554	1.00554	0.0664105	0.646084	-1.54779	5.40886	3.85698	0.633854	1
cg07308931	?	?	?	0.376892	0.738212	-1.35462	?	?	?	0.173555	0.614209	-1.62811	54.3222	52.0167	1.34058	1
cg17977043	0.00121305	0.573458	-1.74381	0.0236449	1.37324	1.37324	0.00127876	0.576178	-1.73557	0.171006	1.18663	1.18663	15.4106	3.36333	0.193998	1
cg09874600	0.0128468	1.33247	1.33247	0.804883	0.977268	-1.02326	2.21E-10	32.4626	32.4626	0.0283348	1.27185	1.27185	173.477	23.7124	0.121501	1
cg23333220	0.273571	1.20457	1.20457	0.0358976	0.671175	-1.48992	9.24E-08	17.3288	17.3288	0.813769	1.0393	1.0393	39.7484	16.7977	0.375645	1
cg05019168	0.135196	2.15323	2.15323	0.0613759	2.74829	2.74829	3.65E-06	371.998	371.998	0.30157	1.65966	1.65966	26.1497	79.8692	2.67251	1
cg05265081	0.195717	0.706028	-1.41637	0.25699	0.7401	-1.35117	0.0167455	0.475758	-2.10191	0.0018067	0.323413	-3.09202	8.59994	8.81509	0.911127	1
cg13885043	0.390346	1.34889	1.34889	0.438601	0.764431	-1.30816	3.62E-05	14.9606	14.9606	0.619095	1.18578	1.18578	7.95772	14.5707	1.62757	1
cg21501234	0.0193876	0.424941	-2.35327	0.100576	0.580123	-1.72377	0.758216	0.910766	-1.09798	0.119756	0.599896	-1.66696	3.8221	5.54739	1.29013	1
cg19329389	0.0240898	0.526227	-1.90032	0.416272	0.820138	-1.21931	1.50E-07	50.2366	50.2366	0.422505	1.21595	1.21595	49.957	40.0574	0.801839	1
cg03568858	0.0578193	1.35964	1.35964	0.000162792	2.51328	2.51328	0.0110586	0.63353	-1.57846	0.37835	1.13822	1.13822	14.9485	4.85744	0.28884	1
cg24075113	0.00568047	2.65516	2.65516	0.000230181	5.18775	5.18775	0.742998	1.0926	1.0926	0.0138079	2.26856	2.26856	9.57924	10.9916	1.01995	1
cg01274660	0.00347662	5.23377	5.23377	0.00132919	7.01314	7.01314	0.0196396	3.24267	3.24267	0.00842456	4.07221	4.07221	6.3163	17.4229	2.45191	1
cg18844331	0.185845	1.51159	1.51159	0.00223144	0.283275	-3.53014	0.699837	1.12087	1.12087	0.462418	0.802252	-1.24649	6.30465	8.66246	1.22131	1
cg22851200	0.033367	2.74048	2.74048	0.000658788	8.2949	8.2949	0.0187767	3.17224	3.17224	0.135237	1.92099	1.92099	5.70279	14.8477	2.31429	1
cg14020762	0.0106411	3.80419	3.80419	0.0102587	3.84212	3.84212	0.175048	1.82216	1.82216	0.0126491	3.63104	3.63104	4.39335	12.0424	2.43648	1
cg12507655	0.0153443	3.54469	3.54469	0.00828623	4.20178	4.20178	0.22972	0.585121	-1.70905	0.442488	1.39516	1.39516	3.82977	10.9692	2.54596	1
cg22691587	0.00168629	0.522652	-1.91332	1.09E-05	0.258119	-3.87417	0.00281716	0.551661	-1.81271	0.000112955	0.37516	-2.66553	27.1418	8.98325	0.2942	1
cg04599922	0.0148066	0.538814	-1.85593	0.00064777	0.339959	-2.94153	0.00144173	0.386804	-2.58529	0.295242	0.799431	-1.25089	8.48933	5.71836	0.59875	1
cg02965157	0.0281064	0.530412	-1.88533	0.0154403	0.483566	-2.06797	0.671488	1.10993	1.10993	0.411199	0.81428	-1.22808	7.7371	7.32499	0.841543	1
cg04921771	0.0890284	0.563224	-1.77549	0.00304395	0.288621	-3.46475	0.00224549	0.269974	-3.70406	0.14244	0.617161	-1.62032	5.87338	8.71555	1.31903	1
cg07377740	0.970091	1.00518	1.00518	0.00362813	0.581389	-1.72002	0.192323	1.20942	1.20942	0.0463723	1.36944	1.36944	4.2715	1.28432	0.267264	1
cg02535111	0.79333	0.965785	-1.03543	0.00990296	1.54042	1.54042	0.652575	1.06193	1.06193	0.0449907	0.737091	-1.35668	26.8413	7.47371	0.247502	1
cg03502630	0.0461348	0.596885	-1.67536	0.0400451	0.58515	-1.70896	0.00107885	0.336166	-2.97472	0.131158	0.692069	-1.44494	7.16596	5.78815	0.717981	1
cg27572301	0.0179917	0.695446	-1.43793	0.109137	1.24702	1.24702	0.809144	0.969887	-1.03105	0.145757	1.21817	1.21817	6.68386	1.69018	0.224777	1
cg03367560	0.758594	1.1599	1.1599	0.680055	0.819112	-1.22083	0.720707	0.841354	-1.18856	0.358361	1.57535	1.57535	4.93064	18.0808	3.25959	1
cg20844146	0.151845	0.478981	-2.08776	0.00762592	0.193057	-5.17982	0.222984	1.84769	1.84769	0.0854707	0.401936	-2.48796	4.35623	15.8593	3.23608	1
cg22149995	0.00741558	0.399877	-2.50077	0.700795	1.10805	1.10805	0.216382	0.707721	-1.41299	0.418776	0.802876	-1.24552	3.64021	4.07151	0.994206	1
cg20108600	0.0114996	0.220041	-4.54461	0.00219922	0.127974	-7.81406	0.180053	0.505697	-1.97747	0.00760346	0.193235	-5.17505	6.68107	24.268	3.22876	1
cg18550241	0.632261	1.04091	1.04091	6.65E-05	0.544468	-1.83665	0.246575	0.904151	-1.10601	0.00249008	0.705033	-1.41837	12.9542	1.41868	0.0973469	1
cg12187624	0.0729458	0.3126	-3.19897	0.00437452	0.109388	-9.14176	0.0546843	0.281657	-3.55042	0.0359969	0.242178	-4.1292	4.32039	23.127	4.75822	1
cg07745899	5.05E-05	0.471069	-2.12283	0.00178705	0.643825	-1.55322	0.843134	0.980566	-1.01982	0.00422346	0.684248	-1.46146	20.9644	3.25786	0.138133	1
cg09099391	0.876402	0.958526	-1.04327	0.367425	1.28656	1.28656	0.190438	0.685679	-1.45841	0.628861	0.875863	-1.14173	6.63654	7.78491	1.0427	1
cg02940028	0.349139	0.621711	-1.60846	0.437226	0.676519	-1.47816	0.557875	0.746591	-1.33942	0.686711	0.818782	-1.22133	5.45929	21.0245	3.42323	1
cg17639969	0.884419	0.940414	-1.06336	0.191827	0.557908	-1.79241	0.817411	1.1026	1.1026	0.980516	1.01037	1.01037	3.56942	10.0842	2.51126	1
cg23235004	0.0875347	0.772015	-1.29531	0.620288	1.07092	1.07092	0.217492	0.83695	-1.19481	0.0288112	0.702102	-1.42429	3.52692	1.05128	0.264955	1
cg15324973	0.00700188	0.681289	-1.4678	0.493512	0.926332	-1.07953	0.204716	1.15866	1.15866	0.175963	0.853559	-1.17156	11.9066	2.2836	0.170482	1
cg09920522	0.00803655	1.4812	1.4812	0.00309975	0.62615	-1.59706	0.00916175	0.681904	-1.46648	0.653208	0.949022	-1.05372	8.95615	1.89841	0.188415	1
cg22905368	0.00615991	0.101065	-9.89464	0.0205173	0.166895	-5.99178	0.0776195	0.284194	-3.51873	0.00136323	0.0507209	-19.7157	11.0272	71.8558	5.79223	1
cg16241861	0.138075	1.18072	1.18072	0.000761483	1.70017	1.70017	0.0146665	1.36696	1.36696	0.0276899	0.762773	-1.31101	8.26311	1.4165	0.152377	1
cg26938255	0.0274011	0.373057	-2.68056	0.00300369	0.214898	-4.65337	0.145987	0.554446	-1.8036	0.0688356	0.463261	-2.15861	6.13211	13.8672	2.01015	1
cg19000871	0.12227	0.432336	-2.31302	0.00667457	0.171673	-5.82504	0.245243	0.54413	-1.8378	0.0999749	0.405547	-2.46581	5.1163	20.3147	3.52942	1
cg10395934	0.325346	1.22009	1.22009	0.000330556	3.11226	3.11226	0.490708	1.14696	1.14696	0.545866	0.887165	-1.12719	5.04331	3.06446	0.540114	1
cg15449975	0.0411958	0.516813	-1.93494	0.044055	1.91247	1.91247	0.354192	0.765575	-1.30621	0.378312	0.776221	-1.28829	4.92416	6.12496	1.10565	1
cg09399850	0.0669021	0.407094	-2.45644	0.00149185	0.134813	-7.41769	0.794808	1.12079	1.12079	0.224633	0.572313	-1.7473	4.71726	14.302	2.69497	1
cg08318365	0.00529925	0.403003	-2.48137	0.00155158	0.32455	-3.08119	0.810593	0.942354	-1.06117	0.114767	0.654335	-1.52827	6.76194	6.54929	0.860935	1
cg05186036	0.622644	1.0813	1.0813	0.748549	0.950583	-1.05199	0.0117553	0.609017	-1.64199	0.684608	1.06647	1.06647	6.53088	2.56843	0.349578	1
cg07217625	0.997534	1.00101	1.00101	0.018917	0.394429	-2.53531	0.175153	1.60305	1.60305	0.874909	1.05291	1.05291	5.04571	8.55958	1.50792	1
cg08678364	8.40E-05	0.329765	-3.03246	2.06E-05	0.259703	-3.85056	0.594744	1.08785	1.08785	0.0022908	0.512427	-1.9515	30.4482	11.8599	0.346231	1
cg25967904	0.0126411	0.545392	-1.83354	2.17E-05	0.188265	-5.31167	0.271047	0.799244	-1.25118	0.00623719	0.498009	-2.00799	12.3702	7.49247	0.538389	1
cg02378074	0.00321762	0.425751	-2.34879	0.00105009	0.35711	-2.80026	0.581752	0.888555	-1.12542	0.381968	0.826596	-1.20978	6.17141	4.40908	0.635054	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01566584	TRMU	0.00957565	0.00276034	0.334502	-2.98952	0.00636405	0.389907	-2.56471	0.0890115	0.60809	-1.64449	0.295062	0.749767	-1.33375	0.0545279	0.560747	-1.78334
cg14153771	TRMU	0.0112403	0.196153	0.858869	-1.16432	0.569579	1.06606	1.06606	0.215885	0.865046	-1.15601	0.252783	1.1422	1.1422	0.278639	1.13359	1.13359
cg08227926	TRMU	0.0143745	0.0561087	0.646151	-1.54763	0.0126521	1.8695	1.8695	0.904167	0.97598	-1.02461	0.00526768	0.475845	-2.10152	0.289557	1.24845	1.24845
cg27032184	TRMU	0.0264804	0.701958	0.909919	-1.099	0.00258764	2.78745	2.78745	0.230681	1.36167	1.36167	0.20584	1.3877	1.3877	0.444065	0.825666	-1.21114
cg19443189	TRMU	0.0392706	0.16518	0.849646	-1.17696	0.822128	1.02509	1.02509	0.662162	0.952763	-1.04958	0.442019	1.09011	1.09011	0.0084051	0.690398	-1.44844
cg22823183	TRMU;TRMU	0.0397679	0.938724	1.07605	1.07605	0.00880715	0.030532	-32.7525	0.390407	2.33104	2.33104	0.0207302	0.0579616	-17.2528	0.517035	0.532957	-1.87632
cg13978534	TRNAU1AP;TRNAU1AP	0.00129749	0.330665	1.10669	1.10669	0.021493	0.756588	-1.32172	0.271274	0.890771	-1.12262	0.0472562	1.25768	1.25768	0.0171169	1.3411	1.3411
cg21438252	TRNAU1AP;TRNAU1AP	0.00311118	0.030738	0.559876	-1.78611	0.445451	1.19457	1.19457	0.195258	0.731161	-1.36769	0.118004	1.47401	1.47401	0.00280467	0.390142	-2.56317
cg10691259	TRNAU1AP;TRNAU1AP	0.0092071	0.146088	0.475038	-2.10509	0.109031	2.30183	2.30183	0.473877	1.41548	1.41548	0.695279	0.828788	-1.20658	0.00235706	0.132131	-7.56822
cg07383941	TRNAU1AP;TRNAU1AP	0.0141628	0.048769	0.662508	-1.50942	0.0282194	1.60642	1.60642	0.113367	0.729647	-1.37053	0.0783646	1.43008	1.43008	0.0204197	0.599783	-1.66727
cg12396969	TRNP1	0.00104167	0.000191534	2.89448	2.89448	0.0888084	0.727973	-1.37368	0.517212	1.11747	1.11747	0.000417256	2.57702	2.57702	0.0581441	0.696147	-1.43648
cg25100848	TRNP1	0.00538577	0.499138	1.21734	1.21734	0.000463515	4.8497	4.8497	0.00604019	2.79574	2.79574	0.998109	1.00068	1.00068	0.253315	0.710348	-1.40776
cg05116424	TRNP1	0.00639298	0.0456163	0.594209	-1.68291	0.0861648	0.650129	-1.53816	0.196185	0.733166	-1.36395	0.619675	0.892594	-1.12033	0.000397248	0.277905	-3.59836
cg02555074	TRNP1	0.0166622	0.441976	1.11232	1.11232	0.792712	0.964873	-1.03641	0.0453268	0.732175	-1.36579	0.464596	0.903883	-1.10634	0.116344	1.26073	1.26073
cg10489986	TRNP1	0.0271416	0.807482	1.06578	1.06578	0.680269	1.1142	1.1142	0.0873881	1.63634	1.63634	0.828159	1.05837	1.05837	0.180405	0.689916	-1.44945
cg06419258	TRNP1	0.0290633	0.544993	1.11395	1.11395	0.985882	0.996888	-1.00312	0.0798835	0.71011	-1.40823	0.165756	0.770762	-1.29742	0.0888213	1.39184	1.39184
cg24943329	TRNP1	0.0483915	0.379475	0.836592	-1.19533	0.914494	1.02148	1.02148	0.991531	1.0021	1.0021	0.749362	0.938539	-1.06549	0.139953	0.730322	-1.36926
cg12832129	TRNT1	0.00064302	0.00249258	0.47889	-2.08816	0.0054149	0.526598	-1.89898	0.00798873	0.551197	-1.81423	0.0717115	0.703065	-1.42234	0.00010666	0.30179	-3.31356
cg15056751	TRNT1	0.00166781	0.446577	0.826123	-1.21047	0.00593981	0.412384	-2.42492	0.00140005	0.320002	-3.12498	0.804379	0.940728	-1.06301	0.000716037	0.281351	-3.55428
cg21767135	TRNT1	0.00455991	0.591178	0.962714	-1.03873	0.00115566	1.39734	1.39734	0.666709	1.03083	1.03083	0.881516	1.01051	1.01051	0.470348	0.949836	-1.05281
cg10990081	TRNT1	0.00742368	0.121191	0.634147	-1.57692	0.0152755	2.24195	2.24195	0.114023	1.59361	1.59361	0.438778	1.23869	1.23869	0.0163935	0.451523	-2.21473
cg17424101	TRNT1	0.0103567	0.0203747	0.641644	-1.5585	0.00225635	0.507416	-1.97077	0.137522	0.775806	-1.28898	0.0450951	0.694249	-1.4404	0.0219356	0.646403	-1.54702
cg11485152	TRNT1	0.0149042	0.043463	0.338744	-2.95209	0.864168	0.923281	-1.08309	0.266445	0.582873	-1.71564	0.0139569	0.2428	-4.11862	0.00104218	0.104049	-9.61087
cg10734276	TRNT1	0.0340529	0.116701	0.472946	-2.11441	0.175331	1.88351	1.88351	0.523251	0.752614	-1.3287	0.140262	0.498066	-2.00777	0.0277117	0.318789	-3.13687
cg17101285	TROAP	0.00756888	0.0384157	1.6917	1.6917	0.487597	0.856789	-1.16715	0.619825	1.11584	1.11584	0.125623	1.43801	1.43801	0.118174	0.689483	-1.45036
cg22859597	TROAP	0.0184145	0.47765	1.37952	1.37952	0.00546239	0.196214	-5.09649	0.472899	0.722284	-1.3845	0.584859	0.782045	-1.2787	0.122885	2.10624	2.10624
cg10692932	TROAP;TROAP	0.0061865	0.987932	1.00377	1.00377	0.463238	0.830387	-1.20426	0.00276552	0.357879	-2.79424	0.0185504	2.0354	2.0354	0.489982	0.839824	-1.19073
cg24684497	TROAP;TROAP	0.00898693	0.572951	0.887147	-1.12721	0.030248	0.585335	-1.70842	0.359543	0.820338	-1.21901	0.803996	0.949068	-1.05366	0.00129634	0.373382	-2.67823
cg14890851	TROAP;TROAP	0.00909388	0.586766	1.09688	1.09688	0.014607	0.602483	-1.6598	0.00272557	0.497941	-2.00827	0.177253	0.785347	-1.27332	0.0276846	0.644947	-1.55051
cg08976749	TROAP;TROAP	0.0141546	0.0651642	0.409908	-2.43957	0.251355	1.66587	1.66587	0.0700687	2.39112	2.39112	0.0112395	0.248293	-4.02749	0.0589336	0.398671	-2.50833
cg25784394	TROAP;TROAP;TROAP;TROAP	0.0201517	0.422026	1.06662	1.06662	0.404799	0.935173	-1.06932	0.0184793	1.25192	1.25192	0.138596	1.13356	1.13356	0.072915	1.17034	1.17034
cg16274353	TROVE2;TROVE2	0.000164125	0.0917113	0.813778	-1.22884	0.546934	0.934588	-1.06999	1.15E-05	0.356021	-2.80882	0.172859	0.851306	-1.17467	2.32E-05	0.391037	-2.5573
cg18151519	TROVE2;TROVE2;TROVE2	0.0300952	0.0992835	0.665352	-1.50296	0.00975958	0.478582	-2.08951	0.0473275	0.599486	-1.6681	0.01328	0.50063	-1.99748	0.316627	1.26295	1.26295
cg12208691	TROVE2;TROVE2;TROVE2	0.0318281	0.443442	0.872971	-1.14551	0.916135	0.981853	-1.01848	0.566203	1.10608	1.10608	0.84532	0.966611	-1.03454	0.00107326	0.431719	-2.31632
cg02454885	TROVE2;TROVE2;TROVE2	0.0395908	0.104385	0.484113	-2.06563	0.105755	2.05868	2.05868	0.226156	1.68093	1.68093	0.211067	1.71337	1.71337	0.0165413	0.302273	-3.30827
cg04291082	TROVE2;TROVE2;TROVE2;UCHL5	0.00493697	0.85436	1.01102	1.01102	0.130836	0.907245	-1.10224	0.0648287	1.13171	1.13171	0.0455705	1.1466	1.1466	0.0363902	1.1562	1.1562
cg08913815	TROVE2;TROVE2;TROVE2;UCHL5	0.0497295	0.123581	0.651287	-1.53542	0.0105537	0.437335	-2.28657	0.717645	1.09786	1.09786	0.671143	0.896017	-1.11605	0.451878	1.2178	1.2178
cg15235185	TROVE2;TROVE2;TROVE2;UCHL5;TROVE2	0.0019115	0.509592	0.930606	-1.07457	0.000226658	1.93295	1.93295	0.00409987	1.51289	1.51289	0.247903	0.878212	-1.13868	0.250675	1.13774	1.13774
cg09513609	TROVE2;TROVE2;UCHL5;TROVE2	0.00659916	0.0748319	0.8214	-1.21743	0.00081016	1.65025	1.65025	0.540189	1.06342	1.06342	0.237718	1.13048	1.13048	0.00430981	1.45999	1.45999
cg26803216	TROVE2;TROVE2;UCHL5;TROVE2	0.0252653	0.0839714	0.633178	-1.57933	0.00435065	2.4858	2.4858	0.0044946	2.47251	2.47251	0.089858	1.56337	1.56337	0.288003	1.30166	1.30166
cg25463822	TROVE2;UCHL5;TROVE2;TROVE2	0.0158858	0.760811	1.12567	1.12567	0.507881	0.770702	-1.29752	0.783213	0.898585	-1.11286	0.954803	1.02222	1.02222	0.00025266	0.0964184	-10.3715
cg04587626	TRPA1	5.17E-05	0.097823	0.727495	-1.37458	0.0538559	0.681517	-1.46732	0.00016346	0.324209	-3.08443	0.000771951	0.409962	-2.43925	1.64E-05	0.211609	-4.72569
cg15168673	TRPA1	0.000452767	0.871931	1.021	1.021	0.000514472	2.01063	2.01063	0.0127957	0.671381	-1.48947	0.00217652	0.57459	-1.74037	0.230922	1.17576	1.17576
cg27528660	TRPA1	0.00290128	0.843091	1.02467	1.02467	0.915289	1.01317	1.01317	0.713739	0.955706	-1.04635	0.00315274	0.608876	-1.64237	0.000841132	0.539264	-1.85438
cg11052780	TRPA1	0.00481301	0.608236	0.793727	-1.25988	0.789893	0.887519	-1.12674	0.010792	0.239081	-4.18269	0.557016	0.766902	-1.30395	0.612455	0.795921	-1.25641
cg27619291	TRPA1	0.0103168	0.512128	1.21071	1.21071	0.999499	0.999819	-1.00018	0.127196	0.622274	-1.60701	0.672115	1.13024	1.13024	0.0994886	0.59496	-1.68079
cg09514401	TRPA1	0.0152199	0.453798	0.905618	-1.10422	0.0218726	1.42959	1.42959	0.366072	0.886349	-1.12822	0.604488	0.934368	-1.07024	0.014019	0.674278	-1.48307
cg13392680	TRPA1	0.016959	0.689685	1.12396	1.12396	0.966056	0.987686	-1.01247	0.00225618	0.288083	-3.47122	0.00251817	0.294819	-3.39191	0.266801	0.714017	-1.40053
cg12668482	TRPA1;TRPA1	0.00855045	0.827504	0.966145	-1.03504	0.137302	0.776796	-1.28734	0.213222	0.813122	-1.22983	0.0119505	1.64047	1.64047	0.111015	0.760324	-1.31523
cg06493386	TRPA1;TRPA1	0.0087483	0.343116	1.11913	1.11913	0.016984	0.715011	-1.39858	0.609252	0.942322	-1.06121	0.0886713	1.24162	1.24162	0.0846283	0.802685	-1.24582
cg24794531	TRPC1	0.00112987	0.547936	0.943855	-1.05948	1.97E-05	2.27567	2.27567	0.00722769	1.39015	1.39015	0.634196	0.955466	-1.04661	0.0330259	1.26733	1.26733
cg20459126	TRPC1	0.0056911	0.0121566	0.706419	-1.41559	0.958522	0.994233	-1.0058	0.576643	1.06473	1.06473	0.407705	1.09876	1.09876	0.00084631	1.74708	1.74708
cg10503359	TRPC1	0.0241336	0.335722	0.706759	-1.41491	0.877644	0.94756	-1.05534	0.200152	0.623026	-1.60507	0.695795	0.871634	-1.14727	0.000414937	0.141085	-7.08792
cg03871526	TRPC1	0.0360635	0.616908	1.08636	1.08636	0.264982	0.826293	-1.21022	0.00133786	2.15061	2.15061	0.838387	0.967014	-1.03411	0.178443	1.26467	1.26467
cg27218767	TRPC1	0.0489695	0.220823	1.99838	1.99838	0.492145	0.68848	-1.45247	0.132155	2.40532	2.40532	0.900655	1.06894	1.06894	0.0446322	0.28429	-3.51754
cg16276224	TRPC2	2.80E-06	2.01E-06	0.228124	-4.38358	0.0278926	1.38745	1.38745	5.23E-05	0.385575	-2.59353	3.21E-05	0.36067	-2.77262	2.87E-06	0.244022	-4.09798
cg17128833	TRPC2	0.000522366	0.00496434	0.428752	-2.33235	0.00416964	2.3969	2.3969	0.0158882	0.510451	-1.95905	0.0199493	0.527525	-1.89564	6.12E-05	0.185576	-5.38863
cg07383757	TRPC2	0.0113402	0.0986942	0.618493	-1.61683	0.116615	1.57211	1.57211	0.0653553	0.577568	-1.7314	0.111546	0.631335	-1.58394	0.00302421	0.340108	-2.94024
cg05619888	TRPC3	0.00106172	0.950202	1.0149	1.0149	0.602032	0.882839	-1.13271	0.0156013	2.01832	2.01832	0.000118002	0.202659	-4.93439	0.639526	0.89429	-1.11821
cg03215181	TRPC3	0.00116091	0.0072353	0.252795	-3.95577	0.00264109	0.191844	-5.21258	0.780023	0.894847	-1.11751	0.0132773	0.295935	-3.37912	0.000523978	0.117061	-8.54256
cg26679289	TRPC3	0.0136749	0.0063291	0.243251	-4.11098	0.0638952	0.43684	-2.28917	0.0190714	0.323579	-3.09043	0.155248	0.546191	-1.83086	0.00157411	0.164437	-6.08137
cg12087304	TRPC3	0.0178531	0.00715699	0.399584	-2.5026	0.0242667	0.491944	-2.03275	0.670264	0.893029	-1.11978	0.0321222	1.94071	1.94071	0.0591325	0.569574	-1.7557
cg05422957	TRPC3	0.0192519	0.277663	0.821132	-1.21783	0.050491	0.677667	-1.47565	0.850222	0.967539	-1.03355	0.113875	0.740627	-1.35021	0.720654	1.06469	1.06469
cg13793507	TRPC3	0.0322569	0.398264	0.902457	-1.10809	0.4298	0.908791	-1.10036	0.0653331	0.782306	-1.27827	0.0124147	1.44668	1.44668	0.112378	1.22767	1.22767
cg05548469	TRPC3;TRPC3	0.000100906	0.046493	1.65345	1.65345	6.33E-05	5.07181	5.07181	0.0023714	2.54643	2.54643	0.0229613	1.82197	1.82197	0.38929	1.21478	1.21478
cg07674022	TRPC3;TRPC3	0.000681431	0.520439	1.10957	1.10957	5.84E-05	3.2815	3.2815	0.111936	1.31819	1.31819	0.01014	1.67797	1.67797	0.0216886	1.55252	1.55252
cg18474934	TRPC3;TRPC3	0.000700023	0.091492	1.65398	1.65398	0.00827114	2.49511	2.49511	0.0257605	2.04832	2.04832	0.0170847	2.19721	2.19721	0.00258541	3.098	3.098
cg12944006	TRPC3;TRPC3	0.00332887	0.115399	1.91596	1.91596	0.00364475	4.45521	4.45521	0.368179	1.42068	1.42068	0.0294161	2.64968	2.64968	0.0245976	2.76485	2.76485
cg11079181	TRPC3;TRPC3	0.00411676	0.448369	0.804665	-1.24275	0.00220295	0.299034	-3.3441	0.00401947	0.337192	-2.96567	0.497085	0.823713	-1.21402	0.918225	1.02931	1.02931
cg00058009	TRPC3;TRPC3	0.00432832	0.0915928	1.88128	1.88128	0.00157262	4.68612	4.68612	0.0803188	1.93474	1.93474	0.0862309	1.90568	1.90568	0.326531	1.41141	1.41141
cg03673671	TRPC3;TRPC3	0.00584244	0.103842	1.60375	1.60375	0.0295313	1.97504	1.97504	0.341454	1.29737	1.29737	0.158338	1.49259	1.49259	0.141567	1.52166	1.52166
cg20893919	TRPC3;TRPC3	0.00602488	0.253998	1.33665	1.33665	0.0882974	1.58111	1.58111	0.087475	1.58337	1.58337	0.0332461	1.83353	1.83353	0.0225228	1.94569	1.94569
cg12747505	TRPC3;TRPC3	0.00638373	0.0294517	1.45972	1.45972	0.304208	0.854742	-1.16994	0.000406401	0.436565	-2.29061	0.541938	1.09534	1.09534	0.0200587	1.51259	1.51259
cg13789548	TRPC3;TRPC3	0.0127742	0.0476245	0.787668	-1.26957	0.00840654	1.4257	1.4257	0.0443135	1.27557	1.27557	0.476508	0.926563	-1.07926	0.43595	1.08735	1.08735
cg05854695	TRPC3;TRPC3	0.0198079	0.0393399	0.432612	-2.31154	0.0851338	1.95239	1.95239	0.0366046	2.34824	2.34824	0.08455	0.511418	-1.95535	0.0743193	0.497124	-2.01157
cg24680646	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.000143268	0.00522263	0.602824	-1.65886	0.000618702	0.484949	-2.06207	0.0199103	0.679781	-1.47106	9.82E-05	0.386642	-2.58637	0.0195947	1.47311	1.47311
cg15696906	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.000326833	0.125788	1.36121	1.36121	0.00803492	1.88163	1.88163	1.47E-05	5.33993	5.33993	0.00217223	2.2273	2.2273	0.203483	1.28384	1.28384
cg21081971	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.00113297	0.306769	0.752644	-1.32865	0.191015	0.689467	-1.4504	0.161886	0.669564	-1.49351	0.00223963	3.1563	3.1563	0.00678904	0.389795	-2.56545
cg21358429	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.00327315	0.989873	1.00118	1.00118	0.0134346	0.753349	-1.32741	0.0125074	0.750145	-1.33308	0.140152	1.15819	1.15819	0.88602	1.01336	1.01336
cg19275632	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.00565125	0.740459	0.898248	-1.11328	0.00600769	0.313825	-3.18649	0.379726	1.33761	1.33761	0.0152265	2.6174	2.6174	?	?	?
cg18052042	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.00570762	0.000398675	0.306167	-3.26619	0.0399713	0.607352	-1.64649	0.029933	0.584807	-1.70997	0.105136	0.689416	-1.4505	0.339637	0.813255	-1.22963
cg15398976	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.0119813	0.562098	0.854042	-1.1709	0.144857	1.52421	1.52421	0.177191	0.679724	-1.47119	0.393739	0.790454	-1.2651	0.0104415	0.419872	-2.38168
cg01097963	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.0137086	0.78377	0.951623	-1.05084	0.182829	1.29024	1.29024	0.790147	0.953056	-1.04926	0.251671	0.805831	-1.24096	0.000764658	0.398912	-2.50682
cg18182438	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.0146912	0.00325252	0.0786617	-12.7127	0.0017688	0.0595213	-16.8007	0.0811678	0.293741	-3.40436	0.422438	0.594999	-1.68068	0.0438946	0.230521	-4.338
cg19263575	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.0174466	0.240077	0.754294	-1.32574	0.0939595	0.655631	-1.52525	0.00331343	0.399765	-2.50147	0.0780282	0.638354	-1.56653	0.00606429	0.439764	-2.27395
cg23307680	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.03623	0.438688	0.778248	-1.28494	0.00163836	0.238965	-4.18471	0.0255071	0.43064	-2.32212	0.726667	0.894588	-1.11783	0.0610012	0.511603	-1.95464
cg23021771	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.0407545	0.0317439	1.56383	1.56383	0.842774	1.0359	1.0359	0.649852	0.922035	-1.08456	0.450844	1.1462	1.1462	0.305521	1.20737	1.20737
cg17071063	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.0471958	0.702774	1.08888	1.08888	0.243507	0.762582	-1.31133	0.133342	1.43283	1.43283	0.0150849	1.9413	1.9413	0.58026	0.883323	-1.13209
cg01154966	TRPC4AP;TRPC4AP	3.61E-07	6.67E-07	0.0365927	-27.3279	0.000158108	4.84677	4.84677	5.26E-06	0.0801888	-12.4706	0.289282	1.30825	1.30825	2.07E-07	0.0213592	-46.8183
cg17206393	TRPC4AP;TRPC4AP	0.000173963	0.0339409	0.491429	-2.03488	0.000134126	0.14977	-6.67692	0.00010875	0.141329	-7.07567	0.824073	0.938108	-1.06598	0.00031892	0.187831	-5.32393
cg23414001	TRPC4AP;TRPC4AP	0.000189254	0.325768	0.856059	-1.16814	0.00261279	0.528078	-1.89366	0.00356383	0.546168	-1.83094	0.000359651	2.40293	2.40293	0.0129061	0.623251	-1.60449
cg13668652	TRPC4AP;TRPC4AP	0.00100737	0.000206667	0.308587	-3.24058	0.308155	0.819069	-1.2209	0.479632	1.14565	1.14565	0.333244	0.82791	-1.20786	0.00143155	0.417917	-2.39282
cg11277126	TRPC4AP;TRPC4AP	0.001498	0.00220897	0.385531	-2.59382	0.20642	1.3446	1.3446	0.00244853	0.391971	-2.55121	0.884206	1.03291	1.03291	0.00261789	0.396181	-2.5241
cg03386524	TRPC4AP;TRPC4AP	0.00282026	0.822357	0.962317	-1.03916	0.995818	0.999105	-1.0009	0.134702	0.759212	-1.31715	0.937794	0.986756	-1.01342	4.34E-05	0.265597	-3.7651
cg09690659	TRPC4AP;TRPC4AP	0.0233266	0.658878	0.927499	-1.07817	0.317187	1.19144	1.19144	0.9908	1.00196	1.00196	0.0977786	0.735114	-1.36033	0.431471	0.872828	-1.1457
cg11962201	TRPC4AP;TRPC4AP	0.0246881	0.0426439	0.828949	-1.20635	0.467044	0.942248	-1.06129	0.133464	0.878002	-1.13895	0.435955	0.938113	-1.06597	0.243033	0.906471	-1.10318
cg24559969	TRPC5;ZCCHC16	0.0137412	0.0202941	5.78653	5.78653	0.380744	1.75782	1.75782	0.591512	1.40478	1.40478	0.52633	1.49602	1.49602	0.656584	0.755207	-1.32414
cg27044570	TRPC5;ZCCHC16;TRPC5	0.0236197	0.0235836	0.195227	-5.12225	0.765284	1.19831	1.19831	0.951725	1.03726	1.03726	0.38468	0.583585	-1.71355	0.746779	1.21624	1.21624
cg27296293	TRPC6	1.97E-08	0.365234	0.921833	-1.08479	0.121258	1.15833	1.15833	0.0584155	1.20573	1.20573	0.141464	1.14835	1.14835	0.220238	1.11937	1.11937
cg23650423	TRPC6	1.88E-07	0.221664	0.876825	-1.14048	7.48E-07	3.91776	3.91776	0.00969545	0.715436	-1.39775	0.00228966	1.54699	1.54699	0.875002	0.98402	-1.01624
cg18137040	TRPC6	6.40E-05	0.0597092	0.627789	-1.59289	0.000212001	3.88218	3.88218	0.00423346	2.31386	2.31386	0.301638	0.790987	-1.26424	0.000174556	0.247718	-4.03685
cg04553838	TRPC6	0.000382318	0.116245	0.623418	-1.60406	0.00468342	2.83122	2.83122	0.14183	0.645811	-1.54844	0.901114	0.966173	-1.03501	0.418788	1.25697	1.25697
cg04554505	TRPC6	0.00051479	0.000248111	0.156036	-6.40877	0.0123999	0.384482	-2.6009	0.0240714	0.437666	-2.28484	0.00115469	0.230765	-4.33342	8.20E-05	0.113048	-8.84581
cg07013734	TRPC6	0.0011588	0.136956	1.89077	1.89077	0.00172909	0.155195	-6.44349	0.641943	0.831722	-1.20232	0.0436949	2.53874	2.53874	0.201298	0.585722	-1.7073
cg14186937	TRPC6	0.00461399	0.618411	0.861627	-1.1606	0.444249	1.26026	1.26026	0.840765	0.942082	-1.06148	0.667726	1.13665	1.13665	0.931471	1.02584	1.02584
cg06838985	TRPC6	0.00537302	0.498033	0.775601	-1.28932	0.553821	1.24762	1.24762	0.679981	1.16559	1.16559	0.779085	0.901329	-1.10947	0.615117	0.829216	-1.20596
cg25533594	TRPC6	0.00562543	0.0190559	0.349915	-2.85784	0.0562561	0.449372	-2.22533	0.016543	0.338481	-2.95438	0.0483471	0.433997	-2.30416	0.046317	0.429741	-2.32698
cg10960969	TRPC6	0.0162047	0.449209	1.33441	1.33441	0.724391	0.875959	-1.14161	0.12723	0.539557	-1.85337	0.797642	0.908356	-1.10089	0.0531766	0.43963	-2.27464
cg23644960	TRPC6	0.0187406	0.477035	0.656162	-1.52401	0.140583	2.51883	2.51883	0.155599	2.42412	2.42412	0.21444	0.46689	-2.14183	0.667128	0.777123	-1.2868
cg11016563	TRPC6;TRPC6	8.68E-09	0.735146	0.979015	-1.02143	0.55856	0.963723	-1.03764	0.000193257	1.47988	1.47988	0.0203202	1.19092	1.19092	0.00826818	1.23483	1.23483
cg03411507	TRPC6;TRPC6	0.000238161	0.600646	1.11559	1.11559	0.146134	0.723894	-1.38142	0.29134	1.25453	1.25453	0.639233	1.10272	1.10272	0.403286	1.19378	1.19378
cg20453176	TRPC7;TRPC7;TRPC7	5.70E-09	1.75E-05	0.640104	-1.56225	1.63E-06	1.84393	1.84393	1.44E-08	0.32539	-3.07323	0.435774	1.04118	1.04118	6.21E-09	0.286811	-3.48662
cg25395619	TRPC7;TRPC7;TRPC7	1.03E-05	1.22E-05	0.159204	-6.28123	0.0119823	1.86589	1.86589	1.01E-05	0.151975	-6.58002	0.00120872	0.389414	-2.56796	0.0488342	0.639129	-1.56463
cg22770135	TRPC7;TRPC7;TRPC7	5.01E-05	0.00584713	1.47587	1.47587	0.55101	1.06724	1.06724	0.000195954	1.96514	1.96514	0.660564	0.953449	-1.04882	0.0124888	0.71515	-1.39831
cg02307288	TRPC7;TRPC7;TRPC7	0.000271269	2.74E-05	0.134563	-7.43146	0.0040725	2.54804	2.54804	0.18473	0.710883	-1.4067	0.00821154	0.440297	-2.2712	0.00085337	0.296559	-3.37201
cg18513357	TRPC7;TRPC7;TRPC7	0.000610477	0.000470346	0.0967021	-10.341	0.00184368	0.152619	-6.55226	0.00135331	0.138323	-7.22945	0.00627142	0.220073	-4.54394	0.00168046	0.148226	-6.74646
cg18074450	TRPC7;TRPC7;TRPC7	0.000641919	0.962775	0.990579	-1.00951	0.0558868	1.55157	1.55157	0.504352	0.871617	-1.14729	0.715735	0.928511	-1.07699	0.000540616	0.335857	-2.97746
cg05678518	TRPC7;TRPC7;TRPC7	0.000942044	0.00919942	0.450094	-2.22176	0.000132533	0.201877	-4.95352	0.00368084	0.387595	-2.58002	0.214284	0.729323	-1.37113	0.183013	0.71099	-1.40649
cg23409403	TRPC7;TRPC7;TRPC7	0.000983465	0.357223	0.842364	-1.18714	0.0168944	0.589787	-1.69553	0.27847	0.815331	-1.2265	0.00998709	1.80281	1.80281	0.00523284	0.513062	-1.94908
cg17382294	TRPC7;TRPC7;TRPC7	0.00102249	0.0099168	0.405998	-2.46307	0.113297	0.620736	-1.61099	0.000390335	0.209231	-4.77942	0.0543153	0.546493	-1.82985	0.000134423	0.160365	-6.23578
cg16219583	TRPC7;TRPC7;TRPC7	0.00119025	0.00109399	0.080963	-12.3513	0.000454238	0.0559385	-17.8768	0.034395	0.275867	-3.62494	0.0346216	0.276456	-3.61721	0.00187411	0.10009	-9.99104
cg00530568	TRPC7;TRPC7;TRPC7	0.00212107	0.19626	1.41495	1.41495	0.11063	0.643022	-1.55516	3.59E-05	0.132193	-7.56471	0.0773591	0.607292	-1.64665	0.410486	1.23836	1.23836
cg21500005	TRPC7;TRPC7;TRPC7	0.00498775	0.0426524	0.615054	-1.62587	0.00104874	2.74541	2.74541	0.00356242	0.439363	-2.27602	0.0585507	0.64078	-1.5606	0.146808	0.723026	-1.38308
cg10969919	TRPC7;TRPC7;TRPC7	0.0105062	0.00285053	0.10707	-9.3397	0.0423198	0.28014	-3.56964	0.0197956	0.21631	-4.623	0.0572996	0.310345	-3.22222	0.0946608	0.368067	-2.71689
cg00118989	TRPC7;TRPC7;TRPC7	0.0108732	0.00360849	0.144329	-6.9286	0.00438897	0.154295	-6.48109	0.193813	0.508929	-1.96491	0.141637	0.460048	-2.17369	0.0113129	0.210488	-4.75087
cg06448705	TRPC7;TRPC7;TRPC7;TRPC7;TRPC7;TRPC7	0.000328387	0.191946	1.22818	1.22818	0.490854	1.10974	1.10974	0.00264889	1.85673	1.85673	0.92594	0.986261	-1.01393	0.0265442	0.676216	-1.47882
cg18758572	TRPM1	5.75E-06	0.0121881	0.882741	-1.13283	0.191037	1.05684	1.05684	1.07E-05	0.687024	-1.45555	0.000603117	0.809597	-1.23518	0.613323	0.979859	-1.02055

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01566584	0.0307261	0.510141	-1.96024	0.00175427	0.30649	-3.26275	0.0105915	0.426317	-2.34567	0.0380741	0.528532	-1.89203	5.99302	6.67608	0.9902	1
cg14153771	0.864448	1.0192	1.0192	0.00026877	1.94524	1.94524	0.284638	0.883634	-1.13169	0.385727	0.905762	-1.10404	5.69271	1.11704	0.17442	1
cg08227926	0.896655	1.02658	1.02658	0.0445867	0.6278	-1.59286	0.756074	1.06492	1.06492	0.02052	0.569257	-1.75667	5.25404	3.39072	0.573648	1
cg27032184	0.0142421	2.10073	2.10073	0.0848554	0.626348	-1.59656	0.700355	0.909429	-1.09959	0.793197	0.937532	-1.06663	4.27064	4.07691	0.848566	1
cg19443189	0.00692416	0.680692	-1.46909	0.0233613	0.742149	-1.34744	0.665202	1.04909	1.04909	0.455195	0.919692	-1.08732	3.70816	0.711409	0.170533	1
cg22823183	0.0231748	0.0627648	-15.9325	0.200645	3.72245	3.72245	0.599742	1.6593	1.6593	0.307087	2.77475	2.77475	4.5347	62.1511	9.13712	1
cg13978534	0.022331	0.758432	-1.31851	7.51E-05	0.483934	-2.0664	0.0358849	0.781499	-1.27959	0.215528	0.876647	-1.14071	10.9251	1.76485	0.143592	1
cg21438252	0.677925	1.10017	1.10017	0.0307863	0.560001	-1.78571	0.000578099	3.3773	3.3773	0.258192	0.763626	-1.30954	8.46609	7.00551	0.735536	1
cg10691259	0.0127267	0.228368	-4.37891	0.00628353	0.183011	-5.46416	0.37104	1.54987	1.54987	0.150036	2.08782	2.08782	6.06837	21.8716	3.20373	1
cg07383941	0.0359357	0.639906	-1.56273	0.0230451	0.608204	-1.64418	0.208462	1.27455	1.27455	0.214795	0.787494	-1.26985	5.27978	2.79863	0.471169	1
cg12396969	0.474	0.884117	-1.13107	0.023204	0.631912	-1.5825	0.660961	1.07751	1.07751	0.0656933	1.41815	1.41815	11.631	5.27017	0.402768	1
cg25100848	0.0283575	0.476222	-2.09986	0.120511	0.617091	-1.62051	0.631215	1.14871	1.14871	0.200478	1.4735	1.4735	7.1736	9.33624	1.15686	1
cg05116424	0.813244	1.05522	1.05522	0.00653231	2.23118	2.23118	0.935626	1.01851	1.01851	0.872997	0.964321	-1.037	6.80432	5.55797	0.726071	1
cg02555074	0.276857	1.16598	1.16598	0.493644	1.09898	1.09898	0.000624181	2.04301	2.04301	0.130069	1.24859	1.24859	5.00293	1.46066	0.259521	1
cg10489986	0.00274961	0.340186	-2.93957	0.0260094	0.501848	-1.99263	0.355574	1.28144	1.28144	0.0834352	0.606509	-1.64878	4.23389	4.56627	0.958671	1
cg06419258	0.0106237	0.567834	-1.76108	0.0062593	0.533906	-1.87299	0.423886	0.865998	-1.15474	0.0696368	0.699471	-1.42965	4.13304	2.03113	0.436834	1
cg24943329	0.00293785	0.44559	-2.24422	0.0246512	0.5889	-1.69808	0.630914	1.10053	1.10053	0.203161	1.30452	1.30452	3.43041	2.12764	0.551314	1
cg12832129	0.00301334	0.490399	-2.03915	0.000302719	0.357363	-2.79827	0.000394279	0.371949	-2.68854	0.0812932	0.712781	-1.40296	13.3238	6.47774	0.432158	1
cg15056751	0.00798575	0.432957	-2.3097	0.00026219	0.228271	-4.38077	0.210796	0.722789	-1.38353	0.00762311	0.429686	-2.32728	10.1638	9.75803	0.8534	1
cg21767135	0.29206	0.926252	-1.07962	0.000535338	0.68552	-1.45875	0.0588231	0.86109	-1.16132	0.916301	0.99266	-1.00739	7.54736	0.587029	0.0691372	1
cg10990081	0.450702	0.811957	-1.23159	0.000789671	0.252875	-3.95452	0.246875	0.720218	-1.38847	0.717741	0.906291	-1.1034	6.49478	7.55717	1.03429	1
cg17424101	0.931805	1.01368	1.01368	0.0218667	0.646199	-1.54751	0.00454989	0.5489	-1.82183	0.00690862	0.574108	-1.74183	5.84464	2.33192	0.354653	1
cg11485152	0.00939811	0.215447	-4.64152	0.105919	0.438989	-2.27796	0.953866	1.02734	1.02734	0.0346896	0.317315	-3.15144	5.19168	17.8698	3.05955	1
cg10734276	0.28259	0.612321	-1.63313	0.0433032	0.360202	-2.77622	0.0639972	2.49551	2.49551	0.0493347	2.67921	2.67921	3.90565	11.9375	2.71685	1
cg17101285	0.154104	0.715778	-1.39708	0.0515487	1.62532	1.62532	0.794667	0.94444	-1.05883	0.000330849	3.56161	3.56161	6.45549	4.91107	0.676231	1
cg22859597	0.149453	1.99129	1.99129	0.00221955	0.14806	-6.75402	0.388571	0.674495	-1.48259	0.698216	0.840606	-1.18962	4.83791	15.2165	2.7958	1
cg10692932	0.0306161	0.531362	-1.88196	0.369147	0.794849	-1.2581	0.0989222	1.56888	1.56888	0.00177634	0.330325	-3.02732	6.87383	6.74611	0.872372	1
cg24684497	0.0250362	0.570955	-1.75145	0.00239627	0.410901	-2.43368	0.00421703	0.446872	-2.23778	0.270201	0.785565	-1.27297	6.11519	4.28015	0.622152	1
cg14890851	0.109006	0.744909	-1.34245	0.00308611	0.50541	-1.97859	0.31015	0.837822	-1.19357	0.076928	1.39295	1.39295	6.09227	2.73931	0.399677	1
cg08976749	0.0068362	0.21322	-4.69	0.0266431	0.319306	-3.13179	0.165632	1.88081	1.88081	0.674565	1.19577	1.19577	5.94237	16.4846	2.15762	1
cg25784394	0.0712854	0.853506	-1.17164	0.00596482	0.753769	-1.32667	0.25602	1.09771	1.09771	0.281274	0.915712	-1.09205	4.6925	0.459491	0.0870404	1
cg16274353	0.00149784	0.601732	-1.66187	0.308599	1.12406	1.12406	0.217377	0.865866	-1.15491	0.0297155	0.752794	-1.32839	19.3806	3.78038	0.173387	1
cg18151519	0.359835	1.23651	1.23651	0.0174364	0.52067	-1.9206	0.836991	0.954608	-1.04755	0.460771	0.844233	-1.18451	4.08224	3.28745	0.715829	1
cg12208691	0.299581	0.829517	-1.20552	0.0473712	1.48353	1.48353	0.545657	0.899129	-1.11219	0.540459	1.11376	1.11376	4.00158	1.91575	0.425554	1
cg02454885	0.14449	0.527008	-1.89751	0.348951	0.674336	-1.48294	0.618738	0.81464	-1.22754	0.0168684	0.303816	-3.29146	3.6971	9.77789	2.35088	1
cg04291082	0.00391783	0.79321	-1.2607	0.0107683	0.82599	-1.21067	0.00893807	0.82001	-1.2195	0.0642837	0.88334	-1.13207	7.36706	0.415407	0.0501218	1
cg08913815	0.0371474	1.86276	1.86276	0.725568	0.913379	-1.09484	0.0490101	1.78211	1.78211	0.374174	1.26429	1.26429	3.39512	3.55394	0.930469	1
cg15235185	0.392669	1.09872	1.09872	0.00179392	0.620273	-1.61219	0.935815	1.0087	1.0087	0.54882	1.06739	1.06739	9.76976	1.78837	0.162712	1
cg09513609	0.0288027	1.29129	1.29129	0.235894	0.88412	-1.13107	0.0303566	1.2871	1.2871	0.580667	1.05688	1.05688	6.73763	1.04912	0.13841	1
cg26803216	0.809491	1.05942	1.05942	0.990523	0.997166	-1.00284	0.831766	0.950427	-1.05216	0.884267	1.03542	1.03542	4.34125	3.92731	0.804132	1
cg25463822	0.160586	0.55926	-1.78808	0.995347	0.997742	-1.00226	0.237946	1.61494	1.61494	0.661586	1.18623	1.18623	5.08308	12.1022	2.11633	1
cg04587626	0.000239997	0.344789	-2.90032	5.36E-05	0.267165	-3.743	0.0287376	0.636433	-1.57126	0.00192704	2.15745	2.15745	26.3911	12.8254	0.431976	1
cg15168673	0.000114555	0.418092	-2.39182	0.0377471	0.7331	-1.36407	0.556285	1.07969	1.07969	0.0840669	1.27926	1.27926	14.6888	3.86198	0.233707	1
cg27528660	0.254268	1.15764	1.15764	0.00310242	0.608025	-1.64467	0.00987522	1.49318	1.49318	0.89083	0.983255	-1.01703	8.64353	2.06989	0.212864	1
cg11052780	0.187645	0.535838	-1.86624	?	?	?	0.960099	1.02261	1.02261	0.000215518	15.792	15.792	7.58405	21.3165	2.81071	1
cg27619291	0.0181568	0.43825	-2.2818	0.0144343	0.4202	-2.37982	0.00588157	2.81955	2.81955	0.0204341	2.23325	2.23325	5.85189	7.66531	1.16434	1
cg09514401	0.828813	1.02853	1.02853	0.210323	0.842401	-1.18708	0.00272064	1.71225	1.71225	0.179396	1.20355	1.20355	5.15581	1.37826	0.23762	1
cg13392680	0.737473	0.906695	-1.10291	0.0402396	0.501569	-1.99374	0.758511	0.914129	-1.09394	0.025517	0.46175	-2.16567	4.9735	6.67726	1.19339	1
cg12668482	0.650458	0.930538	-1.07465	0.003325	0.532136	-1.87922	0.11629	1.30912	1.30912	0.00892371	1.69051	1.69051	6.21239	2.45064	0.350646	1
cg06493386	0.00268346	1.61312	1.61312	0.00845068	0.678749	-1.4733	0.266285	1.1428	1.1428	0.6516	1.05378	1.05378	6.16758	1.29719	0.186954	1
cg24794531	0.435312	1.07858	1.07858	0.0724708	1.20982	1.20982	0.520181	0.93993	-1.06391	0.036219	1.26042	1.26042	11.3653	1.6257	0.127148	1
cg20459126	0.139976	1.19314	1.19314	0.0029121	1.57609	1.57609	0.463354	0.920345	-1.08655	0.09021	1.23077	1.23077	7.05312	1.38139	0.174093	1
cg10503359	0.0255194	0.395379	-2.52922	0.36629	0.722877	-1.38336	0.910634	0.961505	-1.04004	0.56022	0.81388	-1.22868	4.41091	8.53963	1.72091	1
cg03871526	0.251695	1.21735	1.21735	0.023338	1.56066	1.56066	0.509206	1.11625	1.11625	0.368803	1.1637	1.1637	3.82538	1.63434	0.379765	1
cg27218767	0.980103	1.0134	1.0134	0.00642779	0.138823	-7.20344	0.0485563	0.292818	-3.41509	0.766901	1.17204	1.17204	3.70807	16.3801	3.43577	1
cg16276224	0.131754	0.81461	-1.22758	0.0993219	1.2557	1.2557	6.61E-06	0.282748	-3.53672	5.64E-06	0.275226	-3.63338	56.3473	14.1753	0.223618	1
cg17128833	0.0124469	0.49257	-2.03017	0.0010989	0.334254	-2.99174	0.112083	0.674404	-1.48279	0.0208087	0.530734	-1.88418	14.118	11.5914	0.729812	1
cg07383757	0.0299941	1.96883	1.96883	0.0771508	0.593644	-1.68451	0.704676	1.10633	1.10633	0.0189925	0.470653	-2.12471	5.67647	6.33054	0.991311	1
cg05619888	0.000384252	0.261288	-3.8272	0.895485	0.969351	-1.03162	0.449665	1.20016	1.20016	0.07512	1.59901	1.59901	11.5682	10.2774	0.789704	1
cg03215181	0.0168985	0.314617	-3.17847	0.0001398	0.0735367	-13.5986	0.00164487	0.167228	-5.97984	0.106234	0.496571	-2.01381	11.2778	28.1253	2.21676	1
cg26679289	0.285465	0.643297	-1.55449	0.00540392	0.233144	-4.28919	0.0380708	0.384386	-2.60155	0.224847	0.602329	-1.66022	5.34093	13.3758	2.22613	1
cg12087304	0.657881	0.88894	-1.12494	0.135953	0.654145	-1.52871	0.0904681	1.63681	1.63681	0.1811	1.45508	1.45508	4.88857	5.40226	0.982293	1
cg05422957	0.440344	0.871652	-1.14725	0.00173017	0.458331	-2.18183	0.0381915	0.657461	-1.521	0.0334064	1.54328	1.54328	4.76578	2.3	0.428985	1
cg13793507	0.0328695	1.34471	1.34471	0.135462	1.2104	1.2104	0.135852	0.826355	-1.21013	0.346889	0.891416	-1.12181	3.98246	0.888231	0.198254	1
cg05548469	0.0702659	1.56244	1.56244	1.38E-05	7.41171	7.41171	2.42E-05	6.39388	6.39388	0.781439	0.940507	-1.06326	22.0872	17.0131	0.684683	1
cg07674022	0.0444083	1.44551	1.44551	0.000217695	2.67562	2.67562	0.000383719	2.47089	2.47089	0.0583553	1.4069	1.4069	13.1093	5.28832	0.35858	1
cg18474934	0.175508	1.47708	1.47708	2.08E-05	10.2337	10.2337	0.000900244	3.83945	3.83945	0.00515074	2.71915	2.71915	13.0108	15.1077	1.03214	1
cg12944006	0.109639	1.93978	1.93978	9.30E-05	14.1366	14.1366	0.00731931	3.71952	3.71952	0.0692753	2.16424	2.16424	8.2972	18.9643	2.03167	1
cg11079181	0.981586	1.00651	1.00651	0.00018098	0.168284	-5.94232	0.66242	0.883764	-1.13152	0.44566	0.80358	-1.24443	7.78463	9.7548	1.11385	1
cg00058009	0.398319	1.34203	1.34203	0.000151371	9.13366	9.13366	0.0100334	3.02108	3.02108	0.0780723	1.94645	1.94645	7.66758	14.0539	1.62924	1
cg03673671	0.273968	1.35301	1.35301	0.000106938	6.14304	6.14304	0.00582744	2.60889	2.60889	0.121876	1.56101	1.56101	6.99635	7.81567	0.992984	1
cg20893919	0.00382432	2.5854	2.5854	0.000291497	4.21536	4.21536	0.00718958	2.32849	2.32849	0.0453263	1.74944	1.74944	6.9303	6.51314	0.835383	1
cg12747505	0.270307	0.844251	-1.18448	0.136933	1.26658	1.26658	0.704581	1.05779	1.05779	0.624052	0.929728	-1.07558	6.80737	2.34573	0.306299	1
cg13789548	0.476673	1.07923	1.07923	0.00649283	0.688829	-1.45174	0.594704	1.05821	1.05821	0.0352081	1.29493	1.29493	5.46129	0.960216	0.156286	1
cg05854695	0.0269231	0.398113	-2.51185	0.751641	0.894408	-1.11806	0.0314595	2.42741	2.42741	0.839329	1.07396	1.07396	4.72001	9.23479	1.73913	1
cg24680646	0.00618534	1.63298	1.63298	0.0116965	1.54141	1.54141	0.1069	0.785244	-1.27349	0.000210765	0.426972	-2.34207	20.1041	6.00684	0.265588	1
cg15696906	0.000520975	2.73772	2.73772	0.0300573	0.621906	-1.60796	0.780726	1.05332	1.05332	0.0276185	1.62387	1.62387	16.0685	8.818	0.4878	1
cg21081971	0.0522676	0.55274	-1.80917	0.000127526	0.166964	-5.98932	0.0372127	1.91467	1.91467	0.160501	0.668555	-1.49576	11.3564	12.973	1.01542	1
cg21358429	0.237612	1.12128	1.12128	0.000332947	1.70876	1.70876	0.321476	0.909576	-1.09941	0.0375035	0.799841	-1.25025	8.33908	1.1308	0.120535	1
cg19275632	0.341683	0.72886	-1.37201	0.0145565	2.64184	2.64184	0.00904086	2.91874	2.91874	0.0403439	0.465556	-2.14797	7.21829	10.5895	1.46703	1
cg18052042	0.0241891	1.75855	1.75855	0.106955	1.4472	1.4472	0.376882	0.826583	-1.2098	0.779916	0.94286	-1.0606	7.04683	4.92356	0.621059	1
cg15398976	0.835378	0.945528	-1.05761	0.00223711	0.315939	-3.16517	0.0136447	2.27327	2.27327	0.552638	1.1755	1.1755	5.57632	6.39881	1.02	1
cg01097963	0.436651	1.15379	1.15379	0.0150243	1.71404	1.71404	0.313244	1.20687	1.20687	0.539332	1.11855	1.11855	5.33663	2.74664	0.457491	1
cg18182438	0.175607	0.401503	-2.49064	0.0077801	0.11472	-8.71686	0.968973	1.02495	1.02495	0.213872	0.436372	-2.29162	5.21643	33.1682	5.65192	1
cg19263575	0.499378	0.85455	-1.17021	0.216766	0.742353	-1.34707	0.285117	0.7753	-1.28982	0.00205729	0.369631	-2.7054	4.92652	4.10005	0.739769	1
cg23307680	0.163226	0.623528	-1.60378	0.0510237	0.493899	-2.02471	0.0507921	0.493456	-2.02652	0.523472	0.814459	-1.22781	3.81899	6.09351	1.4183	1
cg23021771	0.203492	1.26921	1.26921	0.00360798	0.496693	-2.01332	0.285153	0.821047	-1.21796	0.313643	1.20333	1.20333	3.65784	1.82747	0.444092	1
cg17071063	0.098975	0.669139	-1.49446	0.0125322	0.501675	-1.99332	0.760054	0.934225	-1.07041	0.673868	0.91027	-1.09858	3.46299	2.70573	0.694515	1
cg01154966	0.000126271	0.195856	-5.10578	2.92E-07	0.0252276	-39.6391	1.00E-05	0.0986521	-10.1366	3.83E-05	0.145336	-6.88061	95.0534	89.8282	0.840025	1
cg17206393	0.716295	0.900569	-1.11041	0.000481032	0.207716	-4.81427	0.000188904	0.164199	-6.09016	0.000340701	0.190948	-5.23703	19.0782	24.8795	1.15918	1
cg23414001	0.0303977	0.677218	-1.47663	0.000124681	0.359081	-2.78489	0.000134385	0.363047	-2.75447	0.280185	0.842022	-1.18762	18.6482	6.92949	0.330303	1
cg13668652	0.000337195	0.335045	-2.98467	0.022309	1.67892	1.67892	0.729436	0.936414	-1.0679	0.272189	0.805526	-1.24143	11.742	6.65793	0.504015	1
cg11277126	0.917556	0.977257	-1.02327	0.00174786	0.371081	-2.69483	0.000416192	0.288236	-3.46938	0.199392	0.739885	-1.35156	10.4836	8.19677	0.694992	1
cg03386524	0.239782	1.234	1.234	0.0637118	1.42769	1.42769	0.943236	0.98791	-1.01224	0.710599	0.93832	-1.06573	8.71635	4.02789	0.410762	1
cg09690659	0.00119905	2.23443	2.23443	0.587709	0.911436	-1.09717	0.26568	1.21713	1.21713	0.0300617	1.54071	1.54071	4.4631	2.02858	0.404021	1
cg11962201	0.297389	1.09072	1.09072	0.000674141	0.658414	-1.5188	0.94821	1.00523	1.00523	0.109151	0.868993	-1.15076	4.37629	0.44781	0.0909567	1
cg24559969	0.0447391	4.24429	4.24429	0.000935582	22.1592	22.1592	0.0104265	7.56324	7.56324	0.0163842	6.30092	6.30092	5.33246	33.2432	5.54144	1
cg27044570	0.0556313	0.269687	-3.708	0.217845	2.1887	2.1887	0.0218334	5.27463	5.27463	0.00744296	8.0259	8.0259	4.44389	25.6976	5.14017	1
cg27296293	0.0427633	1.22634	1.22634	0.105202	0.856521	-1.16751	1.26E-10	33.6374	33.6374	0.0244777	1.26424	1.26424	198.261	24.033	0.10775	1
cg23650423	0.0545204	1.25009	1.25009	0.038018	1.27906	1.27906	2.62E-09	16.5666	16.5666	0.0798941	1.22001	1.22001	112.182	18.6048	0.147418	1
cg18137040	0.00292894	0.408419	-2.44847	0.00213182	0.38846	-2.57427	5.93E-05	5.09354	5.09354	0.84483	1.04387	1.04387	24.9406	18.9622	0.675818	1
cg04553838	0.28065	0.733125	-1.36402	0.0523713	0.542934	-1.84185	8.46E-06	14.6479	14.6479	0.478522	1.22074	1.22074	15.3908	18.6801	1.07887	1
cg04554505	0.0204832	0.424216	-2.35729	0.000223063	0.151521	-6.59976	0.160263	0.630839	-1.58519	0.0072146	0.344778	-2.90041	14.1754	21.1735	1.32772	1
cg07013734	0.150673	1.84405	1.84405	0.781279	1.11566	1.11566	5.39E-05	26.9245	26.9245	0.836631	1.08456	1.08456	13.6799	32.7676	1.86302	1
cg14186937	0.898925	1.03841	1.03841	0.187794	0.661012	-1.51283	5.31E-05	9.37512	9.37512	0.67192	1.13467	1.13467	7.52038	10.477	1.23836	1
cg06838985	0.784779	0.90382	-1.10642	0.797373	0.909333	-1.09971	5.78E-05	15.7095	15.7095	0.789742	1.10376	1.10376	7.17882	15.5156	1.92115	1
cg25533594	0.0379509	0.410505	-2.43602	0.000175413	0.0948999	-10.5374	0.713087	0.872272	-1.14643	0.0119354	0.313239	-3.19246	7.07835	15.348	1.92738	1
cg10960969	0.271872	0.651891	-1.534	0.381374	0.714713	-1.39916	0.00111142	6.0331	6.0331	0.0500677	2.3067	2.3067	5.04958	11.1923	1.9702	1
cg23644960	0.192875	0.447943	-2.23243	0.919843	0.943028	-1.06041	0.000564203	22.5254	22.5254	0.584839	1.37921	1.37921	4.80934	25.8683	4.78111	1
cg11016563	0.139591	0.905472	-1.1044	0.0438516	0.865287	-1.15569	6.08E-11	15.657	15.657	0.000611392	1.39058	1.39058	243.707	15.0587	0.0549247	1
cg03411507	0.23001	0.770419	-1.298	0.0480941	1.5966	1.5966	2.28E-06	10.9081	10.9081	0.553312	1.13223	1.13223	17.5199	11.9011	0.603812	1
cg20453176	0.00197424	1.24843	1.24843	6.67E-07	0.502877	-1.98856	6.61E-07	0.502499	-1.99005	1.59E-09	0.226847	-4.40827	270.902	11.0522	0.0362646	1
cg25395619	0.706362	1.07822	1.07822	9.40E-05	0.250251	-3.99599	2.03E-05	0.180132	-5.55147	7.36E-06	0.140068	-7.13941	40.2969	25.269	0.557396	1
cg22770135	0.000182281	0.505232	-1.97929	0.00662633	0.683742	-1.46254	1.21E-05	2.711	2.711	0.0315163	1.31267	1.31267	26.6028	4.90294	0.163824	1
cg02307288	0.00472862	0.402382	-2.4852	0.00332797	0.379266	-2.63667	0.22878	1.35851	1.35851	0.607857	0.882009	-1.13378	16.9091	15.759	0.828426	1
cg18513357	0.0542882	0.395198	-2.53038	6.60E-05	0.0445335	-22.455	0.0113186	0.259713	-3.8504	0.00332014	0.182751	-5.47191	13.5184	38.6874	2.54385	1
cg18074450	0.726223	1.0739	1.0739	0.00167913	0.402156	-2.4866	0.57801	1.12072	1.12072	4.35E-05	0.20736	-4.82253	13.3302	8.68361	0.579045	1
cg05678518	0.0113315	0.465114	-2.15001	0.089932	1.57025	1.57025	0.000566963	0.275469	-3.63017	0.0031477	0.377447	-2.64938	11.9672	11.046	0.820464	1
cg23409403	0.0631879	0.684836	-1.4602	0.00135339	0.430382	-2.32352	0.000424739	2.74893	2.74893	0.723745	1.06641	1.06641	11.8223	6.14566	0.462078	1
cg17382294	0.616381	1.15001	1.15001	0.00741796	0.385064	-2.59697	0.007044	0.381411	-2.62184	0.00116378	0.267253	-3.74178	11.6925	14.1789	1.07791	1
cg16219583	0.812086	0.883116	-1.13235	0.000395643	0.0526277	-19.0014	0.00349603	0.126458	-7.90778	0.0052541	0.146451	-6.82821	11.1978	48.3078	3.8347	1
cg00530568	0.241073	0.732181	-1.36578	0.0468037	0.560936	-1.78273	0.10617	0.638776	-1.56549	0.0395262	0.546177	-1.83091	9.47799	9.68528	0.90833	1
cg21500005	0.0940266	0.681504	-1.46734	0.217563	0.763254	-1.31018	0.0360152	0.601732	-1.66187	0.702022	0.923061	-1.08335	7.34409	5.04515	0.610638	1
cg10969919	0.0135733	0.189784	-5.26914	0.0122455	0.183058	-5.46275	0.0101664	0.171414	-5.83382	0.00336656	0.114152	-8.76021	5.81784	27.279	4.16787	1
cg00118989	0.859354	0.91655	-1.09105	0.00192792	0.115737	-8.64024	0.469974	0.696892	-1.43494	0.0512077	0.33595	-2.97663	5.75396	21.996	3.39801	1
cg06448705	0.719812	0.947812	-1.05506	0.0556414	0.724191	-1.38085	8.04E-06	4.27486	4.27486	0.0582838	1.37494	1.37494	16.0476	5.62747	0.31171	1
cg18758572	9.66E-05	1.31903	1.31903	1.64E-06	1.61749	1.61749	0.000420946	0.799981	-1.25003	0.08295	1.07967	1.07967	46.8127	1.18203	0.0224446	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg16965794	TRPM1	1.46E-05	0.00103015	0.329711	-3.03296	1.50E-05	0.129085	-7.74681	0.0265003	0.548742
cg05858304	TRPM1	6.57E-05	0.065704	0.688865	-1.45166	0.0639314	1.45613	1.45613	0.201996	0.78418
cg09439002	TRPM1	9.83E-05	0.431247	1.1112	1.1112	0.0195403	1.44833	1.44833	8.16E-06	0.278347
cg04809027	TRPM1	0.000703999	0.049612	0.68196	-1.46636	0.0757475	1.40185	1.40185	0.000859993	0.425173
cg23693752	TRPM1	0.000797951	0.00166449	0.497187	-2.01132	0.0928067	0.75028	-1.33284	0.14066	0.781757
cg09235031	TRPM1	0.00114814	0.00379046	0.30298	-3.30054	0.00311487	0.290483	-3.44254	0.000574572	0.196034
cg13615100	TRPM1	0.00237012	0.00062631	0.110142	-9.07923	0.00126075	0.138814	-7.20386	0.055454	0.4023
cg20663376	TRPM1	0.00390435	0.00458443	0.113502	-8.8104	0.000836241	0.0551216	-18.1417	0.306241	0.542946
cg12241333	TRPM1	0.00487741	0.0061062	0.299313	-3.34098	0.585516	0.83061	-1.20393	0.749414	1.11405
cg13814747	TRPM1	0.00671797	0.00774355	0.26736	-3.74028	0.00138923	0.167444	-5.97214	0.138552	0.540651
cg04773268	TRPM1	0.0068091	0.335962	0.766284	-1.305	0.000621765	0.243495	-4.10686	0.0198112	0.470081
cg21394729	TRPM1	0.00723871	0.0717153	0.560754	-1.78331	0.56799	0.847014	-1.18062	0.00134217	0.261694
cg24957518	TRPM1	0.0170203	0.922204	1.03302	1.03302	0.0232073	2.46567	2.46567	0.917	0.965926
cg16646645	TRPM1	0.0226376	0.031265	0.196054	-5.10064	0.000817601	0.0386695	-25.8602	0.0502105	0.23706
cg03472349	TRPM1	0.0226423	0.436675	1.47564	1.47564	0.0496401	0.333484	-2.99864	0.146305	0.465496
cg21826258	TRPM1	0.0236607	0.141615	0.543323	-1.84053	0.0127369	0.302782	-3.3027	0.00585134	0.248423
cg01233948	TRPM1	0.0393793	0.30953	0.437595	-2.28522	0.681765	0.723233	-1.38268	0.0342642	0.143548
cg05665095	TRPM1	0.0463198	0.0243349	0.249309	-4.01108	0.101838	0.395783	-2.52664	0.048062	0.310519
cg09976282	TRPM1;MIR211	0.000907489	0.199047	0.894517	-1.11792	0.0245484	0.802515	-1.24608	0.000225106	0.604071
cg12300582	TRPM2	1.88E-06	0.080427	1.30324	1.30324	0.0782921	0.765559	-1.30624	3.40E-05	0.334157
cg03234813	TRPM2	3.43E-05	0.163414	1.51432	1.51432	0.000139931	6.26313	6.26313	0.00374208	0.335519
cg27477277	TRPM2	5.37E-05	0.000261464	4.22767	4.22767	0.00035606	3.96203	3.96203	0.0421576	0.569915

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02212339	TRPV1;TRPV1;TRPV1;TRPV1	0.00612507	0.212558	0.572497	-1.74673	0.36751	1.48178	1.48178	0.979112	0.98894	-1.01118	0.0341386	0.349859	-2.8583	0.000120839	0.0576523	-17.3454
cg06566158	TRPV1;TRPV1;TRPV1;TRPV1	0.00776893	0.369414	0.771601	-1.29601	0.0570412	0.545713	-1.83247	0.00151917	0.276811	-3.61258	0.540905	1.19019	1.19019	0.00117843	0.262196	-3.81394
cg15777910	TRPV1;TRPV1;TRPV1;TRPV1	0.0127738	0.341743	0.80755	-1.23831	0.880195	1.03346	1.03346	0.229064	0.759261	-1.31707	0.970434	1.00812	1.00812	0.00020169	0.25648	-3.89894
cg09369294	TRPV1;TRPV1;TRPV1;TRPV1	0.0147088	0.0320236	0.595153	-1.68024	0.597715	0.895828	-1.11629	0.283135	0.794239	-1.25907	0.693611	0.921462	-1.08523	0.000521373	0.327081	-3.05734
cg24748448	TRPV1;TRPV1;TRPV1;TRPV1	0.0207902	0.0188592	0.155072	-6.44862	0.42004	0.582852	-1.7157	0.0504342	0.232003	-4.3103	0.0329049	0.194964	-5.12915	0.00533482	0.0902587	-11.0793
cg18768260	TRPV1;TRPV1;TRPV1;TRPV1	0.0227148	0.784961	1.07675	1.07675	0.0675693	0.574821	-1.73967	0.303884	0.749831	-1.33363	0.804013	1.06954	1.06954	0.000681624	0.24577	-4.06884
cg25002318	TRPV1;TRPV1;TRPV1;TRPV1	0.0293422	0.725277	1.09486	1.09486	0.00825552	0.419904	-2.3815	0.0183552	0.479464	-2.08566	0.876769	0.960923	-1.04067	0.0253707	0.505263	-1.97917
cg24194912	TRPV1;TRPV1;TRPV1;TRPV1	0.0411891	0.408135	0.753977	-1.3263	0.00478282	0.28652	-3.49016	0.568278	0.824906	-1.21226	0.973519	0.988982	-1.01114	0.0441306	0.46215	-2.1638
cg25222319	TRPV1;TRPV1;TRPV1;TRPV1	0.0433172	0.842331	0.880852	-1.13526	0.137919	0.361446	-2.76667	0.072929	0.279648	-3.57592	0.736221	1.24032	1.24032	0.00703927	0.108691	-9.20043
cg16732648	TRPV2	0.00138594	0.291262	1.25481	1.25481	0.0175521	0.549348	-1.82034	0.109465	0.696482	-1.43579	0.00849169	0.498422	-2.00633	0.000102923	0.24063	-4.15576
cg07368817	TRPV2	0.00145459	0.674432	1.06547	1.06547	0.598395	0.923316	-1.08305	0.92398	1.01443	1.01443	0.0160794	1.55611	1.55611	0.00508875	0.573622	-1.74331
cg17471062	TRPV2	0.00266764	0.404906	1.14832	1.14832	0.00742364	1.75001	1.75001	0.105985	1.33179	1.33179	0.838394	1.0337	1.0337	0.0245267	1.54455	1.54455
cg20796382	TRPV2	0.0396919	0.0740844	1.22312	1.22312	0.0979612	0.8322	-1.20163	0.336417	0.904576	-1.10549	0.586919	1.05708	1.05708	0.37194	1.09719	1.09719
cg04702538	TRPV2;TRPV2	0.0017838	0.24929	1.27419	1.27419	0.0900669	1.45636	1.45636	0.855314	0.963936	-1.03741	0.515548	0.875749	-1.14188	0.311394	1.23461	1.23461
cg09593454	TRPV3	1.53E-05	0.000229742	0.335811	-2.97786	0.128308	0.745867	-1.34072	0.000617536	2.56012	2.56012	8.98E-05	3.49009	3.49009	0.156193	0.762952	-1.3107
cg04104776	TRPV3	0.000115452	0.0495461	0.606711	-1.64823	0.00646159	0.453981	-2.20273	0.0716939	1.5659	1.5659	0.000195022	4.04537	4.04537	0.0852079	0.65417	-1.52865
cg17861455	TRPV3	0.000499596	0.991266	1.00263	1.00263	6.34E-06	16.183	16.183	0.224745	1.36174	1.36174	0.359471	0.796613	-1.25531	0.106843	1.53555	1.53555
cg07740110	TRPV3	0.00110704	0.150911	0.657039	-1.52198	0.823701	1.06278	1.06278	0.0339584	1.96494	1.96494	0.000313541	4.92406	4.92406	0.0925367	0.603437	-1.65717
cg14487805	TRPV3	0.00558454	0.816786	0.924683	-1.08145	0.00316784	3.89723	3.89723	0.171438	1.63441	1.63441	0.0134674	2.8074	2.8074	0.0226162	0.398087	-2.51202
cg00996258	TRPV3	0.00558996	0.0301985	0.676537	-1.47812	0.0340091	0.684267	-1.46142	0.00159487	0.499306	-2.00278	0.0321309	0.680563	-1.46937	0.317501	0.853487	-1.17166
cg21465150	TRPV3	0.00706083	0.153042	2.14871	2.14871	0.0226973	3.90937	3.90937	0.542826	0.734989	-1.36056	0.0174378	4.24895	4.24895	0.444717	0.677438	-1.47615
cg15947301	TRPV3	0.0102144	0.00105998	0.273511	-3.65616	0.0232562	0.483668	-2.06753	0.105524	0.622774	-1.60572	0.0782325	0.592179	-1.68868	0.00558771	0.377363	-2.64997
cg03741619	TRPV3	0.0152478	0.145881	1.42927	1.42927	0.000277629	3.89986	3.89986	0.796153	1.06101	1.06101	0.297664	1.28015	1.28015	0.347344	1.24777	1.24777
cg19300422	TRPV3	0.0176153	0.00979778	0.186136	-5.3724	0.139658	0.441165	-2.26673	0.277155	0.558829	-1.78946	0.0756988	0.361355	-2.76736	0.00606969	0.158054	-6.32696
cg07371504	TRPV3	0.0218336	0.179781	2.48316	2.48316	0.0162099	6.53608	6.53608	0.62383	0.729381	-1.37103	0.0434653	4.40344	4.40344	0.411108	0.584753	-1.71012
cg24935810	TRPV3	0.0249109	0.309753	1.24854	1.24854	0.041085	1.65404	1.65404	0.110982	1.44297	1.44297	0.440589	1.18068	1.18068	0.937902	0.98368	-1.01659
cg15801964	TRPV3	0.0264292	0.0173796	0.662547	-1.50933	0.452312	0.896884	-1.11497	0.918716	1.01461	1.01461	0.712683	1.05398	1.05398	0.504155	0.908153	-1.10114
cg09199598	TRPV3	0.0274431	0.180351	0.799013	-1.25154	0.0907369	1.34168	1.34168	0.0169087	1.5834	1.5834	0.0990566	0.751854	-1.33005	0.0850808	0.7406	-1.35026
cg13633262	TRPV3	0.0292782	0.0771368	0.407462	-2.45422	0.0142004	0.251061	-3.98309	0.0913355	0.427651	-2.33835	0.714509	0.84549	-1.18275	0.00733477	0.206177	-4.8502
cg10475953	TRPV4;TRPV4	0.0006432	0.0122706	0.705562	-1.41731	0.0161415	1.38971	1.38971	0.321247	1.1214	1.1214	0.0449098	0.773096	-1.2935	0.00639673	0.672548	-1.48688
cg07537147	TRPV4;TRPV4	0.00516748	0.00431662	2.24455	2.24455	0.0049636	2.19941	2.19941	0.352303	1.22486	1.22486	0.291821	1.26083	1.26083	0.107236	0.688969	-1.45144
cg09160789	TRPV4;TRPV4	0.00547301	0.00843124	0.661422	-1.51189	0.0133756	0.686295	-1.4571	0.0275173	0.725929	-1.37754	0.151057	0.827735	-1.20812	0.0335877	0.737114	-1.35664
cg18306456	TRPV4;TRPV4	0.00917535	0.0340658	1.38301	1.38301	0.0130959	1.49692	1.49692	0.842872	0.974319	-1.02636	0.194168	1.1973	1.1973	0.943128	0.990691	-1.0094
cg19482754	TRPV4;TRPV4	0.00960384	0.356624	0.91209	-1.09638	0.584519	1.05505	1.05505	0.0148599	0.747672	-1.33749	0.249755	1.12383	1.12383	0.25607	0.891312	-1.12194
cg03312716	TRPV4;TRPV4	0.0238985	0.00905641	2.31377	2.31377	0.896623	1.03342	1.03342	0.122939	1.52601	1.52601	0.992245	0.997545	-1.00246	0.0201447	0.492226	-2.03159
cg03437675	TRPV4;TRPV4	0.0375825	0.321448	1.24521	1.24521	0.426288	1.18996	1.18996	0.716067	0.924775	-1.08134	0.060809	1.57222	1.57222	0.236327	0.766697	-1.3043
cg03409937	TRPV4;TRPV4	0.03972	0.384871	1.1793	1.1793	0.0996785	1.39657	1.39657	0.896843	0.976274	-1.0243	0.960014	1.00932	1.00932	0.00257652	0.461386	-2.16738
cg17866692	TRPV4;TRPV4	0.0405653	0.0101195	0.225659	-4.43147	0.0255991	0.296144	-3.37674	0.0474904	0.353365	-2.82993	0.107084	0.44612	-2.24155	0.0620762	0.3814	-2.62192
cg04717595	TRPV4;TRPV4	0.0483039	0.0237968	0.307553	-3.25148	0.668436	1.20721	1.20721	0.65682	1.21585	1.21585	0.347729	1.52586	1.52586	0.0100656	0.241831	-4.13511
cg26965639	TRPV5	2.62E-05	5.37E-07	0.0377889	-26.4628	0.958693	0.987891	-1.01226	0.0764677	0.629056	-1.58968	0.322715	0.786421	-1.27158	0.54099	0.864536	-1.15669
cg16312954	TRPV5	0.000155811	9.83E-06	0.0684305	-14.6134	0.983804	0.994288	-1.00574	0.000961611	0.24969	-4.00497	0.000465759	0.211567	-4.72664	0.000580307	0.222743	-4.48947
cg14269477	TRPV5;TRPV5	0.00112233	8.40E-05	0.106472	-9.39217	0.925153	0.970687	-1.0302	0.00048338	0.176788	-5.65648	0.112126	0.578266	-1.72931	0.978406	1.00861	1.00861
cg12056501	TRPV6	4.15E-06	7.23E-08	0.0381536	-26.2099	0.0286337	0.626241	-1.59683	0.000252804	0.335052	-2.98462	0.388105	0.85185	-1.17392	0.00455629	0.504149	-1.98354
cg06656105	TRPV6	1.46E-05	5.82E-07	0.0715911	-13.9682	0.899947	1.02436	1.02436	0.000588586	0.36211	-2.76159	0.0133072	0.556138	-1.79812	2.34E-05	0.198591	-5.03548
cg13570487	TRPV6	0.0013267	0.000100876	0.158598	-6.30523	0.941202	1.0199	1.0199	0.00846957	0.407396	-2.45462	0.00183335	0.306496	-3.26268	0.00528777	0.37448	-2.67037
cg19080100	TRPV6	0.0014792	0.172073	0.691078	-1.44701	0.434413	1.22476	1.22476	0.0035758	0.366724	-2.72685	0.00204353	0.331246	-3.01891	0.00158523	0.315797	-3.16659
cg09816349	TRPV6	0.00164744	0.000530645	0.32506	-3.07635	0.0146452	0.534721	-1.87013	0.000947428	0.358252	-2.79133	0.000324534	0.298009	-3.3556	0.102978	0.68967	-1.44997
cg09486642	TRPV6	0.00549845	0.000121175	0.0523501	-19.1022	0.120576	2.09534	2.09534	0.89606	1.05911	1.05911	0.0192174	0.288083	-3.47122	0.563302	0.773588	-1.29268
cg16752583	TRPV6	0.029207	0.00315289	0.158377	-6.31405	0.01772	3.73295	3.73295	0.45182	1.41921	1.41921	0.140227	0.484452	-2.06419	0.078286	0.409275	-2.44335
cg21919492	TRPV6	0.0310803	0.00962365	0.13586	-7.36052	0.0998459	0.333411	-2.9993	0.0156651	0.16457	-6.07645	0.106394	0.341665	-2.92684	0.0736649	0.296845	-3.36877
cg06429466	TRPV6;TRPV6	0.0282423	0.00453213	0.131659	-7.59537	0.630243	1.29698	1.29698	0.579822	1.3496	1.3496	0.525422	1.41196	1.41196	0.0309154	0.257039	-3.89046
cg05924428	TRRAP	7.15E-05	0.0257617	0.826483	-1.20995	0.00446285	0.761138	-1.31382	0.0124681	0.799516	-1.25076	0.338665	0.93148	-1.07356	0.194782	0.90601	-1.10374
cg04981556	TRRAP	0.000297645	0.277966	0.840345	-1.18999	0.219907	1.22004	1.22004	0.000888349	0.464096	-2.15473	0.0920598	1.33098	1.33098	0.00362293	0.54497	-1.83496
cg01925597	TRRAP	0.000335913	0.105948	0.706781	-1.41486	0.000150383	0.278298	-3.59327	0.133849	0.727788	-1.37403	0.831687	0.959034	-1.04272	0.788341	0.948492	-1.05431
cg02747051	TRRAP	0.000617835	0.010839	0.555508	-1.80015	0.298958	1.21871	1.21871	0.248808	0.801333	-1.24792	0.00751943	0.531522	-1.88139	0.954822	1.01046	1.01046
cg13013975	TRRAP	0.000643241	0.408283	0.836454	-1.19552	0.736613	0.931205	-1.07388	0.909178	0.976193	-1.02439	0.221714	0.762473	-1.31152	0.0122398	0.517393	-1.93277
cg11230269	TRRAP	0.00068293	0.00152518	0.42158	-2.37203	0.000514987	0.358476	-2.78959	0.759533	0.943545	-1.05983	0.255212	1.25212	1.25212	4.33E-05	0.230073	-4.34645
cg03457229	TRRAP	0.00148543	0.000499304	0.198721	-5.03219	0.74419	0.907416	-1.10203	0.673742	0.881927	-1.13388	0.0488633	0.51303	-1.9492	0.000123481	0.137136	-7.29203
cg26439352	TRRAP	0.00175858	0.0411498	1.69793	1.69793	0.0525491	0.609394	-1.64097	0.0881947	0.655237	-1.52616	0.855603	0.959895	-1.04178	0.000370623	0.277956	-3.59769
cg00944599	TRRAP	0.00226831	0.859937	1.0305	1.0305	0.192538	0.790897	-1.26439	0.0433672	0.673557	-1.48465	0.942715	0.987851	-1.0123	0.464471	0.881059	-1.135
cg15972516	TRRAP	0.00244705	0.61914	0.961325	-1.04023	0.000425241	0.644517	-1.55155	0.0442419	1.1995	1.1995	0.833772	1.01668	1.01668	0.0158562	0.792491	-1.26184
cg17697483	TRRAP	0.00249271	0.565402	0.872032	-1.14675	0.612794	1.12779	1.12779	0.538181	0.863409	-1.1582	0.819539	1.05532	1.05532	4.75E-05	0.164324	-6.08554
cg23064516	TRRAP	0.00258839	0.215151	1.39235	1.39235	0.70329	0.907484	-1.10195	0.00328505	0.361965	-2.76269	0.0396351	0.54684	-1.82869	0.0106306	0.442681	-2.25896
cg04763085	TRRAP	0.00328144	0.000974202	0.610531	-1.63792	0.154524	1.16562	1.16562	0.824849	0.977956	-1.02254	0.188437	0.869236	-1.15043	0.471058	1.07652	1.07652
cg22526696	TRRAP	0.0034401	0.00202635	0.565063	-1.76972	0.00964295	1.53665	1.53665	0.0579665	1.32454	1.32454	0.99289	1.00117	1.00117	0.776374	0.963343	-1.03805
cg12659287	TRRAP	0.00351527	0.517339	0.923171	-1.08322	0.0110015	0.678085	-1.47474	0.258493	1.1544	1.1544	0.63082	0.942737	-1.06074	0.538494	1.07879	1.07879
cg00729656	TRRAP	0.00393618	0.0155914	0.353794	-2.8265	0.000325887	0.130649	-7.6541	0.00114686	0.187342	-5.33783	0.0430481	0.442338	-2.26072	0.0136848	0.34359	-2.91044
cg23942995	TRRAP	0.00394307	0.881679	1.03114	1.03114	0.00652471	0.482948	-2.07062	0.0499992	0.631127	-1.58447	0.0483617	1.59123	1.59123	0.253391	0.782211	-1.27843
cg07213487	TRRAP	0.00424253	0.63807	0.904745	-1.10528	0.00608284	0.469207	-2.13126	0.127122	0.705697	-1.41704	0.125471	0.70445	-1.41955	0.0556543	0.632454	-1.58114
cg25955850	TRRAP	0.00452894	0.833288	1.0478	1.0478	0.0724486	0.641444	-1.55898	0.383597	1.21886	1.21886	0.0113919	0.495764	-2.01709	0.000559525	0.305598	-3.27227
cg17175136	TRRAP	0.00559546	0.0652216	0.543365	-1.84038	0.00366864	0.314227	-3.18241	0.184573	0.66053	-1.51394	0.00326939	0.306832	-3.25911	0.000797909	0.224852	-4.44738
cg01827012	TRRAP	0.00896711	0.889111	1.02937	1.02937	0.00115591	2.69309	2.69309	0.969103	0.991995	-1.00807	0.0298413	0.588349	-1.69967	0.85318	0.962286	-1.03919
cg23886424	TRRAP	0.00941131	0.112632	0.701313	-1.4259	0.0213371	0.56646	-1.76535	0.00019865	0.276928	-3.61105	0.443224	0.851628	-1.17422	0.409926	0.841033	-1.18901
cg00503920	TRRAP	0.0145411	0.956492	1.01906	1.01906	0.489995	1.27467	1.27467	0.0110551	0.331894	-3.01301	0.182728	0.61302	-1.63127	0.00383031	0.259456	-3.85422
cg17832029	TRRAP	0.0151366	0.109129	0.566471	-1.76531	0.0304597	0.437212	-2.28722	0.556457	1.21348	1.21348	0.882279	1.04938	1.04938	0.0363436	0.453147	-2.20679
cg26426162	TRRAP	0.0183633	0.70768	1.05507	1.05507	0.0422613	1.39506	1.39506	0.451083	1.11547	1.11547	0.0552175	0.733956	-1.36248	0.612794	0.929946	-1.07533
cg01709543	TRRAP	0.0186872	0.202246	0.85552	-1.16888	0.00303996	0.624611	-1.601	0.980744	0.997207	-1.0028	0.0421491	0.762357	-1.31172	0.0142717	0.704503	-1.41944
cg08585782	TRRAP	0.0203996	0.00207365	0.428165	-2.33555	0.759111	0.941602	-1.06202	0.565647	1.12031	1.12031	0.766031	0.943291	-1.06012	0.616731	0.905998	-1.10376
cg18899058	TRRAP	0.0217943	0.349281	0.857327	-1.16642	0.22186	1.22768	1.22768	0.000672041	0.435587	-2.29575	0.867256	1.02709	1.02709	0.824805	0.965199	-1.03606
cg26687381	TRRAP	0.0218005	0.535528	0.712401	-1.4037	0.00435847	0.127641	-7.83449	0.11555	0.396684	-2.5209	0.18188	0.464936	-2.15083	0.00676834	0.150009	-6.66626
cg19082909	TRRAP	0.0264593	0.265287	0.823143	-1.21486	0.631138	1.08448	1.08448	0.0849012	1.37632	1.37632	0.559888	0.905892	-1.10388	0.292026	0.832533	-1.20115
cg03915174	TRRAP	0.027199	0.201528	1.17747	1.17747	0.460725	0.91305	-1.09523	0.0783687	1.26724	1.26724	0.983774	0.99754	-1.00247	0.205324	1.17569	1.17569
cg14890922	TRRAP	0.029897	0.135301	1.20985	1.20985	0.00148146	1.72042	1.72042	0.238808	1.15718	1.15718	0.30712	1.13327	1.13327	0.914635	1.01277	1.01277
cg03806175	TRRAP	0.0340017	0.0045192	0.203762	-4.90769	0.014473	0.281744	-3.54932	0.132308	0.505174	-1.97952	0.0360189	0.35868	-2.788	0.0727381	0.431	-2.32018
cg20383347	TRRAP	0.0415058	0.519703	0.701709	-1.42509	0.638846	0.773699	-1.29249	0.714764	0.819363	-1.22046	0.0682162	0.330107	-3.02932	0.00368746	0.1188	-8.41752
cg10154880	TRRAP	0.0436045	0.527042	0.816638	-1.22453	0.988873	1.00442	1.00442	0.522757	0.814874	-1.22718	0.0061357	0.322973	-3.09624	0.870651	0.949799	-1.05285
cg13762676	TRRAP	0.0462374	0.701914	0.939101	-1.06485	0.0265712	0.650839	-1.53648	0.665244	0.931343	-1.07372	0.205242	0.80383	-1.24404	0.713393	1.06213	1.06213
cg08898349	TRUB1	0.000366018	0.00061897	0.217094	-4.60631	0.000122336	0.143164	-6.98502	0.00907801	0.382439	-2.6148	0.0891143	0.580688	-1.72209	0.00227704	0.290183	-3.4461
cg17017278	TRUB1	0.000849719	7.42E-05	0.517931	-1.93076	0.0874142	0.841604	-1.18821	0.138699	0.864451	-1.1568	0.0681044	1.20527	1.20527	0.455693	0.932923	-1.0719
cg27537591	TRUB1	0.0145615	0.0321557	0.714746	-1.3991	0.00983073	0.64616	-1.5476	0.017463	0.678961	-1.47284	0.0194978	0.68534	-1.45913	0.0424034	1.36724	1.36724
cg04793888	TRYX3	4.56E-08	1.51E-09	0.0899782	-11.1138	0.148723	1.13515	1.13515	1.39E-05	0.475907	-2.10125	0.110213	1.15314	1.15314	0.15321	1.13336	1.13336
cg14153740	TRYX3	0.00032353	2.48E-05	0.0461289	-21.6784	0.505694	0.780469	-1.28128	0.000400827	0.126613	-7.89811	0.466082	0.761675	-1.3129	0.00261161	0.216519	-4.61854
cg14322570	TSC1;TSC1;TSC1	0.00273292	0.0422124	0.763779	-1.30928	0.0108996	1.44488	1.44488	0.121181	0.824064	-1.2135	0.0744382	0.795435	-1.25717	0.0400889	0.760964	-1.31412
cg14061503	TSC1;TSC1;TSC1	0.00638928	0.00624059	0.641158	-1.55968	0.0679772	1.29033	1.29033	0.240211	0.857839	-1.16572	0.00447042	0.623273	-1.60443	0.000885583	0.537313	-1.86111
cg19393006	TSC1;TSC1;TSC1	0.0112418	0.397272	0.789165	-1.26716	0.00557258	2.70361	2.70361	0.65669	1.12999	1.12999	0.814603	1.06627	1.06627	0.927734	0.975524	-1.02509
cg14211075	TSC1;TSC1;TSC1	0.0145153	0.102709	0.390593	-2.56021	0.00206688	0.101856	-9.81776	0.0151267	0.207715	-4.81429	0.100664	0.38799	-2.57739	0.00993655	0.180048	-5.55408
cg07738800	TSC1;TSC1;TSC1	0.0197351	0.00276607	0.574783	-1.73979	0.0684915	0.760633	-1.31469	0.0304812	1.40655	1.40655	0.0866768	0.775798	-1.28899	0.621159	0.935352	-1.06912
cg16023991	TSC22D1	0.00022481	0.00200034	0.469343	-2.13064	8.51E-05	0.293901	-3.40251	0.0066701	0.543161	-1.84108	0.33888	1.18642	1.18642	0.000336157	0.366929	-2.72532
cg17675311	TSC22D1	0.00173673	0.00371169	0.277764	-3.60018	0.00116973	0.21077	-4.74451	0.0105141	0.349237	-2.86338	0.212232	0.650929	-1.53627	0.00134966	0.21843	-4.57812
cg12694124	TSC22D1	0.00874285	0.00274133	0.241258	-4.14493	0.0430702	0.449068	-2.22684	0.0638534	0.488482	-2.04716	0.111081	0.550451	-1.81669	0.0565275	0.475918	-2.1012
cg26521024	TSC22D1	0.0365795	0.240418	0.87741	-1.13972	0.478854	1.07961	1.07961	0.0220705	1.33924	1.33924	0.20301	0.866763	-1.15372	0.233533	1.14214	1.14214
cg23024102	TSC22D1	0.0483995	0.186258	0.624051	-1.60243	0.942725	0.976112	-1.02447	0.184712	1.60542	1.60542	0.273432	1.46744	1.46744	0.111264	0.557802	-1.79275
cg23545671	TSC22D1;TSC22D1	0.00209716	0.00660166	0.692692	-1.44364	0.0253725	0.758294	-1.31875	0.189854	1.15554	1.15554	0.89759	1.0135	1.0135	0.000522813	0.56951	-1.7559
cg17771610	TSC22D1;TSC22D1	0.00639628	0.578932	1.06165	1.06165	0.19437	0.863718	-1.15779	0.205608	0.867192	-1.15315	0.00123211	0.603973	-1.6557	0.00393891	0.661049	-1.51275
cg07029277	TSC22D1;TSC22D1	0.0236201	0.518604	0.923549	-1.08278	0.893893	0.983912	-1.01635	0.241286	0.861503	-1.16076	0.744926	0.961102	-1.04047	0.97784	0.99663	-1.00338
cg26181622	TSC22D1;TSC22D1	0.024102	0.570164	0.883247	-1.13219	0.10833	0.684553	-1.46081	0.462517	1.17563	1.17563	0.242355	1.30307	1.30307	0.896848	0.972328	-1.02846
cg17600231	TSC22D1;TSC22D1	0.039294	0.879717	0.947569	-1.05533	0.388759	0.730417	-1.36908	0.00880145	3.27522	3.27522	0.0254106	2.57239	2.57239	0.68737	0.865994	-1.15474
cg20369775	TSC22D1;TSC22D1	0.0426147	0.484299	0.636255	-1.5717	0.0293902	6.10558	6.10558	0.00929178	11.7015	11.7015	0.0611723	0.236703	-4.2247	0.228551	0.439794	-2.27379
cg10735582	TSC22D2	3.88E-05	8.06E-05	0.329237	-3.03733	0.199409	0.80922	-1.23576	0.000121832	0.350834	-2.85035	0.714461	0.944243	-1.05905	7.60E-05	0.32618	-3.06579
cg15048832	TSC22D2	0.0102332	0.00180847	0.142164	-7.03411	0.130682	0.487879	-2.04969	0.127949	0.484982	-2.06193	0.0193997	0.288544	-3.46567	0.00466275	0.19121	-5.22985
cg18285507	TSC22D2	0.0177762	0.72912	1.07257	1.07257	0.00450928	0.466324	-2.14443	0.00588597	0.483698	-2.06741	0.17431	0.747343	-1.33807	0.133062	1.38624	1.38624
cg15584630	TSC22D2	0.0192384	0.656565	1.09658	1.09658	0.569409	0.888292	-1.12576	0.859831	1.03709	1.03709	0.163928	1.35799	1.35799	0.433541	0.848204	-1.17896
cg24290546	TSC22D2	0.0230306	0.961287	0.988858	-1.01127	0.00542252	0.429669	-2.32737	0.00517629	0.426546	-2.34441	0.979074	0.993964	-1.00607	0.99741	1.00075	1.00075
cg07682378	TSC22D2	0.0243352	0.158114	0.842346	-1.18716	0.269882	1.13954	1.13954	0.00862214	0.683307	-1.46347	0.146019	1.19416	1.19416	0.0584473	1.27519	1.27519
cg07174097	TSC22D3	0.0282837	0.0430623	0.268854	-3.71949	0.42563	1.58263	1.58263	0.770023	0.847536	-1.17989	0.155239	2.35906	2.35906	0.590882	0.73622	-1.35829
cg06461462	TSC22D3;TSC22D3;TSC22D3	0.000224976	0.553449	0.899034	-1.1123	0.0629361	1.44984	1.44984	0.00335052	0.492253	-2.03148	0.0762917	0.704578	-1.41929	5.47E-06	0.161283	-6.2003
cg03915527	TSC22D3;TSC22D3;TSC22D3	0.00184142	0.00962404	2.70149	2.70149	0.863603	0.949195	-1.05352	0.501927	1.22956	1.22956	0.00884293	2.74737	2.74737	0.121454	0.601002	-1.66389
cg21380860	TSC22D3;TSC22D3;TSC22D3	0.0200683	0.0328042	2.8694	2.8694	0.0819267	0.443207	-2.25628	0.367184	1.47853	1.47853	0.717275	0.857694	-1.16592	0.188033	0.554952	-1.80196
cg11837390	TSC22D3;TSC22D3;TSC22D3	0.0318108	0.400318	1.57402	1.57402	0.424953	0.650951	-1.53621	0.454509	1.49394	1.49394	0.584412	1.3378	1.3378	0.56206	0.73427	-1.3619
cg15908367	TSC22D4	0.000263062	0.000397223	0.173482	-5.7643	0.000112707	0.121529	-8.22847	0.0029963	0.282328	-3.54198	0.00607768	0.328603	-3.04318	0.00152493	0.242261	-4.12778
cg05175020	TSC22D4	0.00245996	0.00663138	0.274111	-3.64816	0.000288595	0.113891	-8.78033	0.148655	0.566114	-1.76643	0.0234221	0.36989	-2.70351	0.00107551	0.169674	-5.89367
cg01669366	TSC22D4	0.0119002	0.00344536	0.36971	-2.70482	0.10876	0.645216	-1.54987	0.00374238	0.375106	-2.66591	0.858022	1.04588	1.04588	0.0247463	0.511895	-1.95352
cg00376553	TSC22D4	0.0259628	0.167862	0.479219	-2.08673	0.00717563	0.176031	-5.68082	0.0326367	0.286145	-3.49473	0.924142	0.953455	-1.04882	0.0199405	0.245148	-4.07917
cg13975648	TSC22D4	0.0354264	0.0483133	0.632647	-1.58066	0.00485285	0.468659	-2.13375	0.044887	0.626793	-1.59542	0.111193	0.703215	-1.42204	0.0525117	0.639324	-1.56415
cg01850110	TSC2;NTHL1;TSC2;TSC2	0.000177706	0.00860676	0.660187	-1.51472	0.46141	1.09738	1.09738	0.00453435	0.625848	-1.59783	0.108582	1.24223	1.24223	4.71E-05	0.386399	-2.588
cg05034169	TSC2;NTHL1;TSC2;TSC2	0.000428843	0.00104016	0.526933	-1.89777	0.00100575	0.525116	-1.90434	0.0218488	1.43773	1.43773	0.0416071	0.733471	-1.36338	0.000823142	0.514311	-1.94435
cg09529023	TSC2;NTHL1;TSC2;TSC2	0.0136986	0.845252	1.06818	1.06818	0.198531	1.58187	1.58187	0.141455	1.70519	1.70519	0.0664833	0.499276	-2.0029	0.00132693	0.206864	-4.8341
cg19837824	TSC2;NTHL1;TSC2;TSC2	0.0164271	0.0914815	1.12254	1.12254	0.752984	0.980555	-1.01983	0.0026303	0.771837	-1.29561	0.0438707	0.865827	-1.15496	0.0473357	1.15158	1.15158
cg09123625	TSC2;NTHL1;TSC2;TSC2	0.0366934	0.681915	1.10103	1.10103	0.00370612	2.49884	2.49884	0.359212	1.2463	1.2463	0.469534	1.1875	1.1875	0.862908	0.960439	-1.04119
cg01052512	TSC2;TSC2;NTHL1;TSC2	0.0197071	0.0290093	0.175265	-5.70563	0.00542992	0.0841304	-11.8863	0.298039	0.48196	-2.07486	0.779676	1.20895	1.20895	0.0265041	0.168692	-5.92796
cg16353272	TSC2;TSC2;TSC2	6.18E-05	0.122376	1.34186	1.34186	8.99E-05	3.42298	3.42298	0.128588	0.749394	-1.33441	0.0917704	1.3855	1.3855	1.70E-05	0.212148	-4.7137
cg04301760	TSC2;TSC2;TSC2	0.00025507	0.22247	0.784154	-1.27526	0.0137448	1.78198	1.78198	0.117227	0.724182	-1.38087	5.85E-05	0.243724	-4.103	2.84E-05	0.210087	-4.75994
cg05971321	TSC2;TSC2;TSC2	0.000377067	0.21719	0.754976	-1.32454	0.000341488	0.286879	-3.4858	0.00382606	0.429957	-2.32581	0.00778175	0.477236	-2.0954	0.000167701	0.249867	-4.00213
cg09137838	TSC2;TSC2;TSC2	0.000630947	0.00116152	0.472943	-2.11442	0.0899208	1.34099	1.34099	0.0301387	0.670151	-1.4922	0.765425	1.04809	1.04809	0.37909	1.15216	1.15216
cg06243965	TSC2;TSC2;TSC2	0.00175405	0.878224	0.962215	-1.03927	0.206377	1.39767	1.39767	0.0249941	0.51172	-1.95419	0.469339	1.20313	1.20313	2.54E-05	0.122523	-8.1617
cg08249385	TSC2;TSC2;TSC2	0.00488129	0.321395	1.12011	1.12011	0.000269958	1.93754	1.93754	0.679491	0.955044	-1.04707	0.943024	0.992118	-1.00795	0.0165526	1.3828	1.3828
cg07020987	TSC2;TSC2;TSC2	0.011673	0.0331275	0.703734	-1.42099	0.0310829	1.42898	1.42898	0.190954	1.2157	1.2157	0.0826595	0.762533	-1.31142	0.0108571	0.636882	-1.57015
cg27191520	TSC2;TSC2;TSC2	0.0148611	0.224097	0.786305	-1.27177	0.269987	0.805556	-1.24138	0.0232782	0.600222	-1.66605	0.118957	0.727197	-1.37514	0.0012506	0.411761	-2.4286
cg02198582	TSC2;TSC2;TSC2	0.0211025	0.348992	0.850709	-1.17549	0.160651	1.28571	1.28571	0.791106	0.956458	-1.04552	0.177119	0.786177	-1.27198	0.444337	0.87742	-1.1397
cg01151840	TSC2;TSC2;TSC2	0.0234217	0.649217	0.847904	-1.17938	0.98045	0.991211	-1.00887	0.899703	1.04648	1.04648	0.00807799	0.294563	-3.39486	0.00193984	0.206018	-4.85395
cg02747341	TSC2;TSC2;TSC2	0.02371	0.0269354	0.612967	-1.63141	0.045142	0.650922	-1.53628	0.397277	0.850515	-1.17576	0.668449	0.922672	-1.08381	0.023634	0.603649	-1.65659
cg08855903	TSC2;TSC2;TSC2	0.0242674	0.19247	0.47393	-2.11002	0.952553	0.968304	-1.03273	0.453963	0.661733	-1.51118	0.16968	0.453029	-2.20736	0.00307927	0.111576	-8.96246

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02212339	0.356773	0.668555	-1.49576	0.451319	1.38544	1.38544	0.526596	1.31332	1.31332	0.436119	1.40146	1.40146	6.89508	19.7073	2.5406	1
cg06566158	0.501316	0.82533	-1.21164	0.00455216	0.345444	-2.89483	0.721282	0.904151	-1.10601	0.902267	0.966035	-1.03516	6.40287	8.02317	1.11383	1
cg15777910	0.0575128	0.625807	-1.59794	0.122098	0.693766	-1.44141	0.557116	1.13833	1.13833	0.315578	0.797385	-1.2541	5.46135	4.11804	0.670252	1
cg09369294	0.0373612	0.607073	-1.64725	0.0971001	1.45668	1.45668	0.796647	0.948053	-1.05479	0.364354	0.824847	-1.21235	5.21436	3.52421	0.600769	1
cg24748448	0.23409	0.441602	-2.26448	0.0028875	0.068246	-14.6529	0.750041	0.811042	-1.23298	0.0340929	0.197807	-5.05542	4.64291	31.5717	6.04442	1
cg18768260	0.165432	0.670322	-1.49182	0.138552	1.539	1.539	0.838917	1.05657	1.05657	0.850668	1.05228	1.05228	4.50417	5.21486	1.02914	1
cg25002318	0.748098	0.920564	-1.08629	0.169718	1.45603	1.45603	0.0941743	1.6043	1.6043	0.553905	1.16626	1.16626	4.11909	4.30458	0.928917	1
cg24194912	0.453371	0.774963	-1.29038	0.00407445	0.276154	-3.62117	0.795699	0.917042	-1.09046	0.124887	0.574383	-1.741	3.64353	6.42837	1.56829	1
cg25222319	0.100531	0.317909	-3.14555	0.00546019	0.0974812	-10.2584	0.922808	1.06369	1.06369	0.145865	0.36987	-2.70366	3.57606	22.9825	5.71268	1
cg16732648	0.150101	1.37682	1.37682	0.0176683	0.549825	-1.81876	0.024119	1.74618	1.74618	0.0692489	0.656197	-1.52393	10.7206	7.29426	0.6048	1
cg07368817	0.00803367	1.66491	1.66491	0.000123028	2.7336	2.7336	0.0125587	1.59357	1.59357	0.149043	1.26146	1.26146	10.5727	3.77291	0.317204	1
cg17471062	0.0472144	0.69178	-1.44555	0.000261725	2.64832	2.64832	0.0272818	1.52792	1.52792	0.0388445	0.678305	-1.47426	8.86089	3.69585	0.370753	1
cg20796382	0.0751131	1.22206	1.22206	0.00549907	0.691211	-1.44674	0.246083	1.13059	1.13059	0.927634	1.00923	1.00923	3.69364	0.598922	0.144133	1
cg04702538	0.0558562	1.54639	1.54639	3.94E-05	4.86842	4.86842	0.001714	2.46147	2.46147	0.0492008	1.57111	1.57111	9.96787	6.39279	0.57008	1
cg09593454	0.125167	1.34452	1.34452	3.98E-06	6.76905	6.76905	0.00023324	0.336627	-2.97065	0.00900727	1.80808	1.80808	36.339	18.3086	0.447847	1
cg04104776	0.271432	1.29088	1.29088	1.17E-05	7.92772	7.92772	0.00704111	0.459835	-2.17469	0.13184	1.43724	1.43724	21.3047	16.7809	0.700144	1
cg17861455	0.700439	1.09743	1.09743	0.24156	1.34536	1.34536	0.795681	0.939526	-1.06437	0.199501	0.719988	-1.38891	17.7852	15.9246	0.69641	1
cg07740110	0.408856	1.25921	1.25921	0.000280627	5.05655	5.05655	0.0200722	0.465155	-2.14982	0.0774658	1.70833	1.70833	11.4315	13.4793	1.04812	1
cg14487805	0.00989584	3.00307	3.00307	0.0325304	2.32636	2.32636	0.0167293	2.67903	2.67903	0.0106807	2.95307	2.95307	7.09423	12.7917	1.60276	1
cg00996258	0.688107	1.06382	1.06382	0.00296459	1.86882	1.86882	0.11978	0.771986	-1.29536	0.72043	0.946391	-1.05665	7.09212	2.64046	0.330941	1
cg21465150	0.0225521	3.91728	3.91728	0.00074006	12.9529	12.9529	0.00421544	6.78927	6.78927	0.101522	2.4501	2.4501	6.59729	26.1057	3.51737	1
cg15947301	0.0242983	0.487248	-2.05234	0.0311696	0.508011	-1.96846	0.0331218	0.51319	-1.9486	0.00819792	0.404182	-2.47413	5.87061	6.66817	1.00965	1
cg03741619	0.0765178	1.56946	1.56946	0.119642	1.47151	1.47151	0.463005	0.84291	-1.18637	0.0745132	1.57542	1.57542	5.15269	4.27065	0.736728	1
cg19300422	0.126397	0.426846	-2.34277	0.00183952	0.102523	-9.75392	0.342758	0.604568	-1.65407	0.0160508	0.219309	-4.55978	4.91064	20.6161	3.73178	1
cg07371504	0.0480471	4.23193	4.23193	0.00603717	9.873	9.873	0.00960439	8.10946	8.10946	0.0685259	3.67584	3.67584	4.56581	29.4713	5.73757	1
cg24935810	0.00687498	2.09397	2.09397	0.00113265	2.74974	2.74974	0.404734	1.19726	1.19726	0.6814	1.09109	1.09109	4.36264	3.08156	0.627868	1
cg15801964	0.065612	1.34134	1.34134	0.00394896	1.73509	1.73509	0.131085	0.793182	-1.26075	0.310214	1.16096	1.16096	4.27354	1.36731	0.284398	1
cg09199598	0.188041	1.2461	1.2461	0.0126691	1.63024	1.63024	0.773626	1.04654	1.04654	0.540597	0.906916	-1.10264	4.21749	1.66164	0.350211	1
cg13633262	0.43502	0.69499	-1.43887	0.0143119	0.251637	-3.97398	0.0180458	0.269216	-3.71448	0.0252247	0.296485	-3.37285	4.12228	13.6254	2.93805	1
cg10475953	0.909186	1.01284	1.01284	7.15E-05	0.44522	-2.24608	0.66722	0.952787	-1.04955	0.00356729	1.5549	1.5549	13.3227	2.63775	0.17599	1
cg07537147	0.949213	1.01359	1.01359	0.444649	0.847792	-1.17953	0.00414801	2.25768	2.25768	0.00188396	2.54389	2.54389	7.26508	5.16657	0.632134	1
cg09160789	0.0836904	1.26518	1.26518	0.00284686	1.65643	1.65643	0.610578	0.938844	-1.06514	0.619477	1.06344	1.06344	7.13833	1.70688	0.212547	1
cg18306456	0.0374048	1.3725	1.3725	0.00188003	1.78216	1.78216	0.047842	1.34526	1.34526	0.00141162	1.83282	1.83282	6.07504	1.65344	0.241929	1
cg19482754	0.0677409	1.21969	1.21969	0.0024656	1.50473	1.50473	0.425553	0.924067	-1.08217	0.0114313	0.735515	-1.35959	5.98741	0.893202	0.132604	1
cg03312716	0.955101	0.985862	-1.01434	0.0275127	0.517228	-1.93338	0.0791101	1.63725	1.63725	0.254052	0.739924	-1.35149	4.42589	4.48312	0.900382	1
cg03437675	0.043698	1.64284	1.64284	0.00468773	0.44721	-2.23609	0.455295	0.849753	-1.17681	0.391055	0.828491	-1.20701	3.76832	2.73561	0.645288	1
cg03409937	0.92624	0.983005	-1.01729	0.0241664	0.607975	-1.64481	0.507924	0.88308	-1.1324	0.372753	0.844178	-1.18458	3.69267	2.00412	0.482425	1
cg17866692	0.0391064	0.334334	-2.99102	0.0129583	0.242882	-4.11722	0.259115	0.582614	-1.7164	0.0387033	0.333347	-2.99987	3.66413	12.2187	2.96416	1
cg04717595	0.376574	1.48673	1.48673	0.946354	1.02985	1.02985	0.0191624	0.289732	-3.45146	0.911344	1.04988	1.04988	3.43277	10.3852	2.68916	1
cg26965639	0.645729	1.11502	1.11502	0.573293	1.14323	1.14323	0.123059	0.675061	-1.48135	1.67E-05	0.124717	-8.01817	31.5656	27.658	0.77885	1
cg16312954	0.203809	0.684893	-1.46008	0.90243	1.03522	1.03522	0.000342313	0.196476	-5.08969	0.00639617	0.367424	-2.72165	19.6545	24.7902	1.12116	1
cg14269477	0.280691	0.701154	-1.42622	0.520629	0.813698	-1.22896	0.0036308	0.287625	-3.47674	0.00176529	0.24406	-4.09735	11.3869	18.0792	1.4113	1
cg12056501	0.738209	0.941008	-1.06269	0.0636623	1.45927	1.45927	0.000607909	0.383767	-2.60575	1.67E-05	0.2012	-4.97017	50.9135	26.4956	0.462582	1
cg06656105	0.000783059	0.378458	-2.6423	0.000389092	0.338904	-2.95069	0.000665878	0.369142	-2.70899	4.88E-05	0.232081	-4.30885	36.7746	21.3157	0.515228	1
cg13570487	0.0359603	0.52109	-1.91905	0.00161677	0.298946	-3.34509	0.0122929	0.434727	-2.3003	0.0129393	0.438582	-2.28007	10.8557	12.2715	1.00482	1
cg19080100	0.00404934	0.374887	-2.66747	0.000587553	0.259207	-3.85792	0.00492417	0.387938	-2.57773	0.00278935	0.350726	-2.85123	10.5218	10.768	0.909689	1
cg09816349	0.047351	0.623397	-1.60411	0.323189	0.80853	-1.23681	0.00404508	0.447505	-2.23461	0.00615038	0.474986	-2.10532	10.2	7.00829	0.610745	1
cg09486642	0.910059	1.0509	1.0509	0.382743	1.48182	1.48182	0.272071	0.605145	-1.6525	0.512028	0.746638	-1.33934	7.12817	21.7919	2.71747	1
cg16752583	0.557182	1.31148	1.31148	0.935253	0.963572	-1.03781	0.700619	0.838243	-1.19297	0.495373	0.728924	-1.37188	4.12584	13.6305	2.93661	1
cg21919492	0.163191	0.403922	-2.47572	0.236201	0.46953	-2.12979	0.00300842	0.083931	-11.9146	0.0653747	0.283692	-3.52495	4.0357	23.7123	5.22278	1
cg06429466	0.518809	1.42	1.42	0.126396	2.42658	2.42658	0.0287533	0.250875	-3.98604	0.132718	0.419074	-2.38621	4.17509	19.0052	4.04627	1
cg05924428	0.0915929	1.14304	1.14304	9.51E-07	0.394249	-2.53647	0.098046	1.13952	1.13952	0.66777	1.03156	1.03156	24.2102	1.98598	0.0729162	1
cg04981556	0.000133388	0.360245	-2.77589	0.000342085	2.43295	2.43295	0.169473	1.25314	1.25314	0.104775	0.760834	-1.31435	16.4857	6.20661	0.334654	1
cg01925597	1.35E-05	0.167151	-5.98263	0.0221883	1.71404	1.71404	0.194301	0.763484	-1.30979	0.531386	0.882852	-1.13269	15.9481	9.75555	0.543737	1
cg02747051	0.0033406	0.480074	-2.08301	1.14E-05	0.180637	-5.53596	0.335586	0.833238	-1.20014	0.390094	0.850605	-1.17563	13.4733	7.20317	0.475222	1
cg13013975	0.000200553	0.267725	-3.73518	1.87E-05	0.158855	-6.29503	0.129414	0.707556	-1.41332	0.0492194	0.622522	-1.60637	13.3225	9.40645	0.627606	1
cg11230269	0.936651	0.985067	-1.01516	0.529027	0.886291	-1.1283	0.150334	1.33887	1.33887	0.504176	0.879596	-1.13689	13.1012	7.43371	0.504361	1
cg03457229	0.00239467	0.284935	-3.50958	0.697484	1.12289	1.12289	0.0105971	0.385291	-2.59544	0.0545356	0.523518	-1.91016	10.5091	14.6537	1.23945	1
cg26439352	0.00155806	0.35994	-2.77824	0.0014049	0.353697	-2.82728	0.841335	1.04607	1.04607	0.0153489	0.51242	-1.95152	10.0091	8.00409	0.710827	1
cg00944599	0.000103379	0.310925	-3.21621	0.00330103	1.97536	1.97536	0.744003	1.05732	1.05732	0.0766522	0.715384	-1.39785	9.29371	4.25811	0.407263	1
cg15972516	0.133115	1.13603	1.13603	0.038507	1.20767	1.20767	0.00348457	0.73195	-1.36621	0.0938144	0.864994	-1.15608	9.0891	0.891851	0.0872205	1
cg17697483	0.94245	0.983131	-1.01716	0.105612	1.51675	1.51675	0.0280216	1.84334	1.84334	0.910463	0.973841	-1.02686	9.03981	7.9496	0.781689	1
cg23064516	0.011899	0.450971	-2.21744	0.000171439	0.197907	-5.05289	0.387267	1.25209	1.25209	0.128467	0.659131	-1.51715	8.94008	9.11207	0.90599	1
cg04763085	0.000830639	0.602874	-1.65872	0.665542	0.957206	-1.04471	0.551987	0.941283	-1.06238	0.00845132	1.40235	1.40235	8.3328	1.33464	0.14237	1
cg22526696	0.000923149	0.522576	-1.9136	0.183067	1.20354	1.20354	0.683259	0.947624	-1.05527	0.122055	0.8027	-1.2458	8.21612	2.23785	0.24211	1
cg12659287	0.0683239	1.28217	1.28217	0.000157801	2.19698	2.19698	0.507743	0.921425	-1.08528	0.0297743	1.36541	1.36541	8.16316	1.91741	0.208787	1
cg00729656	0.101331	0.533353	-1.87493	0.00502154	0.2724	-3.67107	0.287241	0.678982	-1.47279	0.0956883	0.526643	-1.89882	7.89064	15.3417	1.72826	1
cg23942995	0.000452682	0.320366	-3.12143	0.0672274	1.52555	1.52555	0.331725	0.813658	-1.22902	0.019049	0.557419	-1.79398	7.88648	5.29637	0.596957	1
cg07213487	0.000722377	0.337328	-2.96447	0.00474512	2.20859	2.20859	0.377253	1.21096	1.21096	0.690851	0.919013	-1.08812	7.71417	5.45336	0.62838	1
cg25955850	0.00284565	0.402556	-2.48413	0.0522071	1.63098	1.63098	0.717535	0.922675	-1.08381	0.286884	0.782721	-1.27759	7.56299	5.8781	0.690861	1
cg17175136	0.00787209	0.366141	-2.73119	0.781347	1.08545	1.08545	0.138686	0.62518	-1.59954	0.0159661	0.419191	-2.38555	7.08998	9.75125	1.22254	1
cg01827012	0.428548	0.845591	-1.1826	0.00457752	2.18888	2.18888	0.155415	1.3709	1.3709	0.232182	0.771041	-1.29695	6.11948	4.17364	0.606246	1
cg23886424	0.869459	1.03437	1.03437	0.305	1.24386	1.24386	0.971797	1.00729	1.00729	0.734107	1.07255	1.07255	6.02617	4.02812	0.594167	1
cg00503920	0.146702	0.58328	-1.71444	0.00136655	0.200286	-4.99286	0.60258	0.833758	-1.19939	0.469933	0.775367	-1.28971	5.23413	9.92933	1.68625	1
cg17832029	0.922809	1.03203	1.03203	0.000499948	0.170135	-5.87768	0.206481	0.648269	-1.54257	0.0730642	0.521876	-1.91616	5.16518	8.65665	1.48974	1
cg26426162	0.376139	1.13798	1.13798	0.000835778	2.04509	2.04509	0.398715	0.8843	-1.13084	0.219963	1.20148	1.20148	4.84244	1.55327	0.285122	1
cg01709543	0.11047	0.817429	-1.22335	0.0407306	1.31496	1.31496	0.839459	0.976764	-1.02379	0.548754	1.07285	1.07285	4.81398	1.02417	0.189111	1
cg08585782	0.0406514	1.58789	1.58789	0.022823	1.70392	1.70392	0.10876	0.710198	-1.40806	0.882768	1.02929	1.02929	4.67302	2.83261	0.538811	1
cg18899058	0.539675	0.905562	-1.10429	0.105904	1.32598	1.32598	0.121125	0.764509	-1.30803	0.696011	1.06474	1.06474	4.56863	1.84684	0.359327	1
cg26687381	0.0611894	0.319765	-3.1273	0.00527616	0.136993	-7.29965	0.594068	1.33741	1.33741	0.407023	0.632286	-1.58156	4.56819	21.1336	4.11223	1
cg19082909	0.170361	0.782868	-1.27736	0.0023584	2.03645	2.03645	0.048738	1.45843	1.45843	0.128024	1.31763	1.31763	4.27184	1.90152	0.395671	1
cg03915174	0.00868629	1.49946	1.49946	0.00606331	1.54357	1.54357	0.278929	0.872532	-1.14609	0.139343	0.824731	-1.21252	4.23075	0.983053	0.206542	1
cg14890922	0.310296	0.883179	-1.13227	0.0172122	1.4098	1.4098	0.608422	0.940686	-1.06305	0.149319	1.20077	1.20077	4.09183	0.907394	0.197118	1
cg03806175	0.148716	0.521448	-1.91774	0.0187144	0.301818	-3.31325	0.861009	1.07646	1.07646	0.131508	0.504347	-1.98276	3.90777	10.9391	2.48828	1
cg20383347	0.0848378	0.355439	-2.81343	0.00895368	0.164553	-6.07707	0.1746	0.456677	-2.18973	0.0395033	0.274558	-3.64221	3.63322	16.9527	4.14759	1
cg10154880	0.01131	0.366942	-2.72523	0.0740169	1.87628	1.87628	0.345812	1.35915	1.35915	0.49825	0.804687	-1.24272	3.56726	5.6437	1.4063	1
cg13762676	0.00946729	1.71123	1.71123	0.0409557	1.47024	1.47024	0.407006	1.14865	1.14865	0.389522	1.15497	1.15497	3.48983	1.47549	0.375818	1
cg08898349	0.0223903	0.452382	-2.21052	7.53E-05	0.124586	-8.02658	0.000381833	0.19313	-5.17786	0.00448383	0.333358	-2.99978	15.5764	20.7337	1.1832	1
cg17017278	0.000131206	0.545202	-1.83418	0.772343	0.973838	-1.02686	0.368367	1.0881	1.0881	0.296857	0.905886	-1.10389	12.321	1.62971	0.117574	1
cg27537591	0.964141	0.994002	-1.00603	0.116812	1.25611	1.25611	0.60837	1.07161	1.07161	0.216733	0.840346	-1.18999	5.23171	1.48388	0.252118	1
cg04793888	0.00726462	0.753195	-1.32768	7.46E-06	0.446114	-2.24158	1.24E-07	0.252578	-3.95918	3.57E-07	0.300609	-3.32658	160.454	17.0246	0.0943133	1
cg14153740	0.307934	0.678861	-1.47306	0.00559602	0.263091	-3.80097	0.000408325	0.127347	-7.85255	0.00105221	0.168834	-5.92299	16.1133	34.3774	1.89642	1
cg14322570	0.000835606	0.560508	-1.7841	0.00832281	0.678161	-1.47458	0.877427	0.982385	-1.01793	0.00153561	0.59162	-1.69027	8.79783	1.8476	0.186672	1
cg14061503	0.270841	0.866792	-1.15368	0.0794614	0.784467	-1.27475	0.491314	1.09108	1.09108	0.431349	0.904705	-1.10533	6.80554	1.67598	0.218904	1
cg19393006	0.0741919	1.72202	1.72202	0.000928518	0.259078	-3.85984	0.43082	0.802798	-1.24564	0.970617	1.01011	1.01011	5.69246	6.72769	1.05054	1
cg14211075	0.167471	0.460832	-2.16999	0.00726676	0.161514	-6.1914	0.0150819	0.207508	-4.81909	0.0559097	0.319728	-3.12766	5.2372	22.9948	3.90282	1
cg07738800	0.0960031	0.782512	-1.27794	0.501109	0.912464	-1.09593	0.293399	1.15745	1.15745	0.229429	1.18434	1.18434	4.72591	1.34711	0.253375	1
cg16023991	0.698397	0.93471	-1.06985	0.000299889	0.360653	-2.77274	0.537427	1.11436	1.11436	0.000173292	0.331017	-3.02099	17.7971	8.47535	0.423308	1
cg17675311	0.00486929	0.295314	-3.38622	0.000695334	0.184375	-5.42372	0.0144095	0.373255	-2.67913	0.00170513	0.231327	-4.32289	10.0454	16.9875	1.50317	1
cg12694124	0.137321	0.576715	-1.73396	0.000550628	0.158009	-6.32874	0.984651	1.00664	1.00664	0.0153392	0.359326	-2.78299	6.1688	11.5571	1.66532	1
cg26521024	0.906857	0.987623	-1.01253	0.00539682	0.677248	-1.47656	0.132793	0.841495	-1.18836	0.552414	1.06605	1.06605	3.80567	0.682405	0.159389	1
cg23024102	0.673401	0.867057	-1.15333	0.00241618	0.241319	-4.1439	0.172995	0.613887	-1.62896	0.310256	0.702365	-1.42376	3.4302	6.15141	1.59405	1
cg23545671	0.415217	1.09057	1.09057	0.00191123	1.58033	1.58033	0.994719	1.00069	1.00069	0.0644418	0.805512	-1.24145	9.50942	1.63243	0.152591	1
cg17771610	0.098644	0.824273	-1.21319	0.263746	1.13238	1.13238	0.0685066	1.24312	1.24312	0.0595133	1.25479	1.25479	6.80323	1.22701	0.160317	1
cg07029277	0.0416075	1.33043	1.33043	0.00061031	0.526384	-1.89975	0.605226	0.938594	-1.06542	0.957734	0.99358	-1.00646	4.44386	1.03957	0.207941	1
cg26181622	0.617118	1.11522	1.11522	0.00076909	0.332219	-3.01006	0.205905	1.33467	1.33467	0.441648	1.185	1.185	4.41291	3.2714	0.658956	1
cg17600231	0.610279	0.832926	-1.20059	0.0222044	0.377203	-2.6511	0.635154	1.1853	1.1853	0.233831	1.55877	1.55877	3.70734	7.42672	1.78066	1
cg20369775	0.117949	0.323155	-3.09449	0.238912	0.449067	-2.22684	0.865709	0.898878	-1.1125	0.630012	1.35942	1.35942	5.1676	29.7626	3.19971	1
cg10735582	0.00190125	0.503134	-1.98754	1.13E-05	0.233117	-4.28969	0.0182025	1.56458	1.56458	0.000154281	0.363352	-2.75215	28.4557	10.9859	0.343173	1
cg15048832	0.51099	0.745906	-1.34065	0.00289591	0.165191	-6.05359	0.505877	0.743181	-1.34557	0.0186618	0.285446	-3.50329	5.86717	17.9665	2.72196	1
cg18285507	0.0263323	0.588076	-1.70046	0.81176	1.04926	1.04926	0.107832	0.702142	-1.42421	0.0562801	0.646859	-1.54593	4.89567	3.14912	0.571775	1
cg15584630	0.36432	0.82527	-1.21172	0.000349121	0.305936	-3.26866	0.856932	0.963506	-1.03788	0.173234	0.741897	-1.3479	4.76691	3.20416	0.597481	1
cg24290546	0.106777	1.50153	1.50153	0.0427452	0.583672	-1.71329	0.219334	0.742167	-1.34741	0.0747331	0.6324	-1.58128	4.4828	3.7833	0.750186	1
cg07682378	0.249391	1.14668	1.14668	0.016698	0.717347	-1.39402	0.821099	0.974577	-1.02609	0.223883	1.15636	1.15636	4.39821	0.900446	0.181982	1
cg07174097	0.388206	0.607107	-1.64715	0.00560198	7.78764	7.78764	0.219771	2.07125	2.07125	0.0129819	5.69565	5.69565	4.17293	21.0452	4.48291	1
cg06461462	0.585495	1.10272	1.10272	0.560487	1.11017	1.11017	0.000880838	0.412628	-2.42349	0.408128	0.860516	-1.16209	17.7935	8.88365	0.44379	1
cg03915527	0.0355956	2.09971	2.09971	0.000115391	7.77039	7.77039	0.00376002	3.27414	3.27414	0.0160047	2.44541	2.44541	9.87637	14.384	1.29459	1
cg21380860	0.847449	0.921916	-1.0847	0.00324802	5.44328	5.44328	0.0251354	3.07826	3.07826	0.102582	2.12557	2.12557	4.69912	13.2624	2.50872	1
cg11837390	0.928689	0.953931	-1.04829	0.00389706	7.75015	7.75015	0.0143859	4.90212	4.90212	0.0113859	5.30735	5.30735	4.00236	17.5986	3.9085	1
cg15908367	0.17625	0.639749	-1.56311	3.56E-05	0.0838904	-11.9203	0.000735053	0.203188	-4.92155	0.0396274	0.477484	-2.09431	17.0515	26.0647	1.35874	1
cg05175020	0.386489	0.721765	-1.38549	0.00114803	0.172843	-5.78561	0.0666677	0.469899	-2.12812	0.0236791	0.370823	-2.6967	9.07504	19.3891	1.89913	1
cg01669366	0.685102	1.10752	1.10752	0.649965	0.891864	-1.12125	0.00430811	0.384394	-2.6015	0.0610359	0.589293	-1.69695	5.58862	5.55376	0.883345	1
cg00376553	0.066323	0.356766	-2.80296	0.00994333	0.196044	-5.1009	0.254029	1.81501	1.81501	0.156619	0.468475	-2.13458	4.30022	17.0574	3.5259	1
cg13975648	0.0726237	0.666033	-1.50143	0.022079	0.572934	-1.7454	0.135705	0.721611	-1.38579	0.449904	1.16909	1.16909	3.85021	2.51067	0.579634	1
cg01850110	2.49E-05	0.354082	-2.8242	0.0702288	1.28507	1.28507	0.626301	0.940997	-1.0627	0.45514	1.09886	1.09886	18.9687	4.61398	0.216215	1
cg05034169	0.00193176	0.560479	-1.78419	0.000296747	0.459672	-2.17547	0.00106414	0.528164	-1.89335	0.0162419	0.678513	-1.47381	14.9109	4.11151	0.245101	1
cg09529023	0.131068	0.576811	-1.73367	0.0114593	0.343784	-2.90881	0.760182	1.10886	1.10886	0.129013	0.574841	-1.73961	5.33789	9.63049	1.60371	1
cg19837824	0.664558	0.973228	-1.02751	0.0386399	0.861589	-1.16065	0.0652456	0.879209	-1.13739	0.713102	0.977291	-1.02324	5.0267	0.307997	0.0544642	1
cg09123625	0.327143	1.2665	1.2665	0.0123805	0.483272	-2.06923	0.290492	0.77398	-1.29202	0.618095	0.88924	-1.12456	3.80137	3.28403	0.767918	1
cg01052512	0.144432	2.88857	2.88857	0.0100053	0.110777	-9.02718	0.0481771	0.216994	-4.60843	0.143502	0.345216	-2.89674	4.72819	34.2828	6.44508	1
cg16353272	6.15E-05	0.272964	-3.66349	0.195469	1.27186	1.27186	0.530833	1.11796	1.11796	0.777721	1.05096	1.05096	25.1738	12.2993	0.434289	1
cg04301760	0.114779	0.72234	-1.38439	0.0790489	0.69086	-1.44747	0.0641882	1.48356	1.48356	0.152288	0.747654	-1.33752	17.1956	9.79552	0.506358	1
cg05971321	5.06E-05	0.193091	-5.1789	0.00237001	0.399475	-2.50328	0.123006	0.696478	-1.43579	0.00188006	0.385121	-2.59659	15.4495	11.4668	0.659743	1
cg09137838	2.67E-05	0.271774	-3.67953	0.485022	1.11781	1.11781	0.0642912	1.38585	1.38585	0.338128	0.85642	-1.16765	13.3945	5.22684	0.346864	1
cg06243965	0.0940234	0.629696	-1.58807	0.806819	1.06348	1.06348	0.52494	0.850578	-1.17567	0.164276	0.688807	-1.45178	10.0166	10.011	0.888398	1
cg08249385	0.005598	1.49596	1.49596	0.00861434	1.44904	1.44904	0.890354	1.01539	1.01539	0.533525	0.932562	-1.07231	7.39259	1.43523	0.172573	1
cg07020987	0.685427	0.944177	-1.05912	0.636205	1.06952	1.06952	0.199257	0.825872	-1.21084	0.00294348	0.56215	-1.77889	5.62363	1.77206	0.280097	1
cg27191520	0.0017076	0.430357	-2.32365	0.534997	0.888456	-1.12555	0.590902	0.902896	-1.10755	0.0817658	0.695524	-1.43776	5.19665	2.91645	0.498859	1
cg02198582	0.171747	0.783508	-1.27631	0.0366426	0.665512	-1.5026	0.764556	1.05166	1.05166	0.000631119	0.414411	-2.41306	4.61934	2.05747	0.395914	1
cg01151840	0.0235245	0.377337	-2.65015	0.0504382	0.447838	-2.23295	0.739766	1.12761	1.12761	0.664772	0.854632	-1.17009	4.45683	9.16284	1.82747	1
cg02747341	0.0143398	0.568954	-1.75761	0.00158828	0.428799	-2.33209	0.431793	0.860818	-1.16169	0.09559	0.710356	-1.40775	4.43803	2.45267	0.491242	1
cg08855903	0.0317734	0.256043	-3.9056	0.00239333	0.101208	-9.88066	0.934449	1.04553	1.04553	0.166046	0.44956	-2.2244	4.40247	20.4294	4.12484	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06445533	TSC2;TSC2;TSC2	0.0276086	0.20748	0.622006	-1.6077	0.000961177	0.172658	-5.7918	0.254355	0.653671	-1.52982	0.253052	0.65284	-1.53177	0.064603	0.476396	-2.09909	0.0196193	0.365258	-2.73779	0.770075	1.11037	1.11037	0.885758	0.949944	-1.05269	0.669355	1.16585	1.16585	4.20859	8.50497	1.79632	1
cg18795433	TSC2;TSC2;TSC2	0.0280197	0.00208965	0.272155	-3.67437	0.227409	0.6833	-1.46348	0.130362	0.612018	-1.63394	0.195367	0.662601	-1.5092	0.00391878	0.311363	-3.21169	0.258286	0.701527	-1.42546	0.501051	1.22782	1.22782	0.36427	0.755641	-1.32338	0.14267	0.622792	-1.60567	4.18674	5.98902	1.27153	1
cg20253700	TSC2;TSC2;TSC2	0.0281857	0.22657	0.540402	-1.85047	0.0178667	0.247727	-4.0367	0.170209	0.492598	-2.03005	0.406078	1.50984	1.50984	0.082614	0.393833	-2.53914	0.168712	0.491215	-2.03577	0.00115766	0.0989115	-10.11	0.728278	0.844458	-1.18419	0.135735	0.458708	-2.18004	4.17804	15.5475	3.30777	1
cg03013188	TSC2;TSC2;TSC2	0.029019	0.407504	1.23167	1.23167	0.702812	1.09886	1.09886	0.0769258	0.61647	-1.62214	0.724809	0.916746	-1.09081	0.0392916	0.556279	-1.79766	0.0142852	0.475649	-2.10239	0.00706494	2.35416	2.35416	0.92242	1.02425	1.02425	0.808383	1.06157	1.06157	4.13527	3.96118	0.851468	1
cg08936056	TSC2;TSC2;TSC2	0.029059	0.857043	1.0598	1.0598	0.000802808	5.10224	5.10224	0.0427919	2.11933	2.11933	0.924279	1.0311	1.0311	0.144549	0.603606	-1.65671	0.791676	1.08901	1.08901	0.401635	1.31853	1.31853	0.336896	1.37566	1.37566	0.876076	1.05155	1.05155	4.13326	6.79247	1.46077	1
cg20337860	TSC2;TSC2;TSC2	0.0323335	0.474729	0.844717	-1.18383	0.00464287	2.39673	2.39673	0.00373261	2.48222	2.48222	0.862599	0.960585	-1.04103	0.183775	0.720821	-1.38731	0.624509	1.12134	1.12134	0.44019	1.2005	1.2005	0.8173	1.05519	1.05519	0.918152	1.02415	1.02415	3.97908	3.39623	0.758686	1
cg03174038	TSC2;TSC2;TSC2	0.0325313	0.357963	1.37819	1.37819	0.609659	0.839686	-1.19092	0.193969	1.59413	1.59413	0.0834294	1.91596	1.91596	0.181184	0.617737	-1.61881	0.0015522	0.213528	-4.68323	0.594024	0.833141	-1.20028	0.260886	0.671739	-1.48867	0.681113	0.869175	-1.15052	3.97039	7.24023	1.62094	1
cg01952473	TSC2;TSC2;TSC2	0.0333616	0.538226	0.873013	-1.14546	0.14251	0.709268	-1.4099	0.223971	1.321	1.321	0.0124904	0.508015	-1.96845	0.724471	0.925777	-1.08017	0.00266603	0.404445	-2.47252	0.339818	1.23909	1.23909	0.973526	1.00726	1.00726	0.20571	0.747582	-1.33765	3.93461	2.95919	0.668527	1
cg00500602	TSC2;TSC2;TSC2	0.0346127	0.00794576	0.423765	-2.3598	0.0402688	1.81804	1.81804	0.5787	0.86805	-1.15201	0.791422	0.93532	-1.06915	0.114996	0.648978	-1.54088	0.0181458	0.484923	-2.06218	0.139274	0.669366	-1.49395	0.623193	1.13307	1.13307	0.128366	0.660573	-1.51384	3.88273	3.91361	0.895959	1
cg03387240	TSC2;TSC2;TSC2	0.0355162	0.0153864	0.662412	-1.50964	0.0624298	1.33701	1.33701	0.59091	1.07804	1.07804	0.52011	0.913663	-1.0945	0.944137	0.990342	-1.00975	0.0344631	1.40715	1.40715	0.0268855	1.43768	1.43768	0.142078	0.803651	-1.24432	0.541164	1.08945	1.08945	3.84667	1.1685	0.270016	1

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cg20710777	TSLP;TSLP	0.00263066	0.369207	1.17291	1.17291	0.0191634	0.612524	-1.63259	0.00322986	0.499166	-2.00334	0.672395	0.929085	-1.07633	0.000740063	0.412236	-2.42579	0.00298882	0.494453	-2.02244	0.264053	1.22303	1.22303	0.00384564	0.509831	-1.96144	0.0204619	0.616931	-1.62093	8.89747	4.21437	0.42103	1
cg24994173	TSLP;TSLP	0.00725321	?	?	?	0.19976	0.53376	-1.8735	0.469758	1.38596	1.38596	0.761959	0.875723	-1.14191	?	?	?	0.00902608	0.14366	-6.96087	?	?	?	0.00200145	18.8162	18.8162	?	?	?	18.4382	26.7753	1.16173	1
cg08354104	TSLP;TSLP;TSLP	9.43E-06	0.0443925	0.815824	-1.22575	0.237423	0.896626	-1.11529	0.0830756	1.18432	1.18432	0.00287728	0.696681	-1.43538	0.0473952	0.818753	-1.22137	0.48638	1.06434	1.06434	0.117664	0.860875	-1.16161	1.27E-07	4.38522	4.38522	0.592688	1.04876	1.04876	41.1973	5.07122	0.109419	1
cg15739437	TSLP;TSLP;TSLP	0.0005449	0.617034	0.916056	-1.09164	0.0448793	0.670075	-1.49237	0.000474291	0.384993	-2.59745	0.0280388	0.6368	-1.57035	0.0008088	0.415276	-2.40804	0.00610656	0.536636	-1.86346	0.000216489	0.341871	-2.92508	0.000834132	0.417048	-2.39781	0.000229472	0.345014	-2.89843	13.9532	6.68366	0.425782	1
cg02858162	TSN	0.0368065	0.726925	1.04882	1.04882	0.00842108	1.58015	1.58015	0.299053	0.863861	-1.15759	0.339016	0.874593	-1.14339	0.0405304	1.37937	1.37937	0.171164	1.2191	1.2191	0.809149	0.967636	-1.03345	0.0201226	0.683054	-1.46401	0.751324	1.04417	1.04417	3.79711	1.11176	0.26026	1
cg06517984	TSNARE1	8.92E-06	0.0670312	0.855016	-1.16957	0.00150866	0.705525	-1.41738	9.45E-05	0.588148	-1.70025	1.11E-06	0.380077	-2.63104	0.0710586	0.857391	-1.16633	0.256892	1.09449	1.09449	7.43E-05	1.73188	1.73188	0.000481068	1.51874	1.51874	0.00389498	0.743375	-1.34522	41.7928	3.85347	0.0819593	1
cg03691285	TSNARE1	1.76E-05	0.00167556	1.80417	1.80417	0.698947	0.950241	-1.05236	0.0798827	0.774732	-1.29077	0.000443229	2.07161	2.07161	0.0457196	1.35099	1.35099	0.100855	0.789777	-1.26618	2.24E-06	0.218947	-4.56731	0.0690725	0.765552	-1.30625	1.83E-05	0.317485	-3.14975	35.0168	9.56602	0.24283	1
cg12503835	TSNARE1	0.000231291	0.0186971	0.663451	-1.50727	0.03708	0.705739	-1.41695	0.234143	0.835639	-1.19669	0.000537445	0.460607	-2.17105	4.68E-06	0.220791	-4.52917	0.999735	1.00005	1.00005	0.132344	1.2634	1.2634	0.0256071	0.68265	-1.46488	0.0157597	0.653152	-1.53104	17.6601	5.79704	0.291784	1
cg08856841	TSNARE1	0.000309326	0.361582	0.856974	-1.1669	8.29E-05	0.311485	-3.21043	0.0122274	0.598252	-1.67154	0.166386	0.784381	-1.27489	1.92E-05	0.239602	-4.17359	0.755686	1.05271	1.05271	0.0371335	1.48923	1.48923	0.0852204	0.731118	-1.36777	0.78472	0.955935	-1.0461	16.3128	6.99796	0.38132	1
cg08962185	TSNARE1	0.000466659	0.352473	0.800065	-1.2499	0.601751	1.13061	1.13061	0.84458	1.04682	1.04682	0.0426184	1.72322	1.72322	0.00538181	0.425572	-2.34978	0.465231	1.18918	1.18918	2.56E-05	0.142817	-7.00196	0.00211086	0.365019	-2.73958	0.00181598	0.355733	-2.81109	14.5665	12.5389	0.765159	1
cg14260648	TSNARE1	0.00124617	0.0172188	0.312486	-3.20015	0.00730267	0.249954	-4.00073	0.0811896	0.46078	-2.17023	0.345634	0.677544	-1.47592	0.0963396	0.481049	-2.07879	0.823464	1.09369	1.09369	2.38E-05	0.0340809	-29.342	0.00985714	0.270575	-3.69583	0.00860824	0.261105	-3.82987	11.052	28.117	2.2614	1
cg14563732	TSNARE1	0.0014347	0.757787	0.936193	-1.06816	0.00174189	0.386145	-2.5897	0.476781	0.8571	-1.16672	0.182491	1.35197	1.35197	4.36E-05	0.191454	-5.22318	0.00940967	0.495754	-2.01713	0.425618	0.840792	-1.18935	0.16719	0.730623	-1.3687	0.029383	0.578749	-1.72787	10.6146	7.63763	0.63959	1
cg11893698	TSNARE1	0.00169071	0.202532	0.753229	-1.32762	0.000128065	0.245863	-4.06731	0.00863683	0.493986	-2.02435	0.662182	1.09702	1.09702	0.0423614	0.611124	-1.63633	0.0763916	0.660191	-1.51471	0.0108232	0.50959	-1.96236	0.00305847	0.425548	-2.34991	0.0379328	1.66015	1.66015	10.1238	7.11345	0.624574	1
cg26597982	TSNARE1	0.00336771	0.007244	0.704643	-1.41916	0.113188	1.19027	1.19027	0.446547	1.08154	1.08154	0.00454357	0.682538	-1.46512	0.000680181	0.591796	-1.68977	0.0151693	0.739785	-1.35174	0.0747465	0.818279	-1.22208	0.753269	1.03237	1.03237	0.138875	1.17464	1.17464	8.26851	1.33684	0.143714	1
cg11691535	TSNARE1	0.00352767	0.467682	0.79702	-1.25467	0.417916	1.28935	1.28935	0.0168942	0.408714	-2.4467	0.42733	0.779725	-1.2825	0.000611828	0.197809	-5.05537	0.0162926	0.405827	-2.4641	0.0468468	2.01095	2.01095	0.463836	1.25723	1.25723	0.00196763	0.261072	-3.83036	8.15457	12.1731	1.32693	1
cg09605693	TSNARE1	0.00557935	0.634625	0.848219	-1.17894	0.186127	0.615198	-1.62549	0.0591444	0.474298	-2.10838	0.302014	0.691251	-1.44665	0.0646489	0.483872	-2.06666	0.0582167	0.472616	-2.11588	0.830553	1.0764	1.0764	0.000883719	0.160277	-6.23919	0.00204211	4.85506	4.85506	8.20601	15.009	1.42258	1
cg23136266	TSNARE1	0.0060645	0.210822	0.827281	-1.20878	0.587792	0.924312	-1.08189	0.775456	0.959705	-1.04199	0.11373	0.780763	-1.2808	0.000621601	0.468974	-2.13232	0.00690751	0.604814	-1.6534	0.0114172	1.57665	1.57665	0.240288	1.19341	1.19341	0.812261	0.966361	-1.03481	6.91629	2.26549	0.291164	1
cg15168294	TSNARE1	0.00643311	0.0393323	0.826968	-1.20924	0.402234	1.0707	1.0707	0.675682	0.967026	-1.0341	0.819958	0.981997	-1.01833	0.63421	0.962522	-1.03894	0.0131634	1.27758	1.27758	0.000823959	1.49409	1.49409	0.0126999	0.781292	-1.27993	0.333167	1.0828	1.0828	6.79113	0.683029	0.0894015	1
cg24182831	TSNARE1	0.0070568	0.340952	0.790614	-1.26484	0.00717537	0.435601	-2.29568	0.578244	0.87419	-1.14392	0.302882	0.774523	-1.29112	0.00579249	0.420876	-2.376	0.00316248	2.62604	2.62604	0.0401806	0.566873	-1.76406	0.0300385	0.542815	-1.84225	0.140641	0.684234	-1.46149	6.59846	5.99023	0.806953	1
cg05981406	TSNARE1	0.00904622	0.201479	0.761305	-1.31353	0.999139	1.00022	1.00022	0.0114814	1.89525	1.89525	0.105542	1.42976	1.42976	0.0713013	0.665467	-1.5027	0.369596	1.20478	1.20478	0.00272297	0.43309	-2.30899	0.143316	0.727619	-1.37435	0.0142277	0.54259	-1.84301	6.10245	3.95066	0.575457	1
cg15645674	TSNARE1	0.00926866	0.0160845	0.510933	-1.9572	0.361336	0.807418	-1.23852	0.0105194	0.480049	-2.08312	0.403535	1.21515	1.21515	0.176255	1.38787	1.38787	0.0183066	0.520607	-1.92083	0.00272955	0.389394	-2.5681	0.764911	0.933917	-1.07076	0.00858142	0.465673	-2.14743	6.05553	4.98426	0.731638	1
cg17478552	TSNARE1	0.00962701	0.615573	1.11195	1.11195	0.0391976	0.606435	-1.64898	0.0486328	0.623704	-1.60332	0.0323948	1.6905	1.6905	0.0232386	0.566319	-1.76579	0.0591707	1.56291	1.56291	0.0030755	0.427681	-2.33819	0.542546	0.878796	-1.13792	0.265769	1.27515	1.27515	5.98281	4.1628	0.618483	1
cg21148880	TSNARE1	0.0116367	0.00134363	0.595536	-1.67916	0.88748	0.984374	-1.01587	0.00884014	0.690199	-1.44886	0.279716	1.13316	1.13316	0.0119302	0.705374	-1.41769	0.433619	0.91495	-1.09296	0.233593	1.14904	1.14904	0.0597146	0.789488	-1.26664	0.201793	0.860757	-1.16177	5.62929	1.10334	0.174222	1
cg11926839	TSNARE1	0.0117418	0.0047355	0.530317	-1.88567	0.329059	0.843414	-1.18566	0.550364	0.902891	-1.10755	0.0012813	0.452138	-2.21171	0.0021783	0.48338	-2.06877	0.130945	0.759027	-1.31748	0.724958	0.942027	-1.06154	0.16148	0.776635	-1.28761	0.114946	0.748422	-1.33615	5.61294	2.5408	0.402372	1
cg01775523	TSNARE1	0.0119161	0.669621	0.920127	-1.08681	0.00163117	0.416733	-2.39962	0.0389603	0.629053	-1.58969	0.850498	1.03727	1.03727	0.120947	1.38564	1.38564	0.0901361	1.43655	1.43655	0.0145521	1.79268	1.79268	0.341783	0.826977	-1.20922	0.966085	1.00828	1.00828	5.5862	3.328	0.529559	1
cg06795722	TSNARE1	0.0126263	0.42924	1.29934	1.29934	0.459857	0.783344	-1.27658	0.525975	0.811786	-1.23185	0.602162	1.1861	1.1861	0.987326	1.00517	1.00517	0.539422	1.22338	1.22338	0.295704	1.42172	1.42172	0.000194748	0.130812	-7.64454	0.468779	0.78727	-1.27021	5.48207	9.14228	1.48237	1
cg11740861	TSNARE1	0.015435	0.219437	0.680419	-1.46968	0.459044	0.798684	-1.25206	0.0224393	0.442457	-2.2601	0.40998	1.28561	1.28561	0.000405212	0.187099	-5.34477	0.416517	0.780682	-1.28093	0.325027	0.738583	-1.35394	0.232089	0.688201	-1.45306	0.029042	0.464315	-2.15371	5.13189	7.22571	1.25156	1
cg18798669	TSNARE1	0.0157922	0.509921	1.26238	1.26238	0.0201878	0.376619	-2.6552	0.0310403	0.413777	-2.41676	0.669156	0.860848	-1.16165	0.000998465	0.182019	-5.49393	0.538147	0.804707	-1.24269	0.0127773	0.340203	-2.93942	0.859453	1.06373	1.06373	0.120491	0.55597	-1.79866	5.09307	9.80104	1.71057	1
cg01869618	TSNARE1	0.0166523	0.564294	0.917319	-1.09013	0.17783	1.2362	1.2362	0.197406	0.817282	-1.22357	0.831093	0.968864	-1.03214	0.161162	0.801231	-1.24808	0.191612	0.814881	-1.22717	0.000575751	2.20112	2.20112	0.683974	0.941198	-1.06248	0.314249	0.857176	-1.16662	5.00392	1.73781	0.308703	1
cg26040200	TSNARE1	0.020091	0.123558	0.799164	-1.25131	0.0897392	0.777714	-1.28582	0.00149572	0.540483	-1.8502	0.776706	1.03896	1.03896	0.730491	0.954588	-1.04757	0.86709	1.02277	1.02277	0.0184273	1.46855	1.46855	0.16421	0.819151	-1.22078	0.285775	0.86157	-1.16067	4.69731	1.34384	0.2543	1
cg01798806	TSNARE1	0.0234061	0.712482	0.8951	-1.11719	0.0961085	0.578625	-1.72824	0.00242991	0.282619	-3.53833	0.870188	1.05018	1.05018	0.307751	0.728994	-1.37175	0.247481	0.696273	-1.43622	0.00714125	0.353397	-2.82968	0.013015	0.397516	-2.51562	0.0465898	0.505457	-1.97841	4.45786	6.32852	1.2619	1
cg24996280	TSNARE1	0.0248409	0.0132963	0.28565	-3.50079	0.413862	0.710915	-1.40664	0.0806432	0.45321	-2.20648	0.0441886	0.388957	-2.57098	0.00545423	0.224669	-4.45099	0.162518	0.543872	-1.83867	0.0124935	0.281006	-3.55864	0.0132597	0.285443	-3.50333	0.0339364	0.363736	-2.74925	4.36691	11.5394	2.34885	1
cg02711159	TSNARE1	0.027235	0.205298	0.910725	-1.09803	0.363269	0.936706	-1.06757	0.255136	1.08669	1.08669	0.0680872	1.1537	1.1537	0.244783	0.918379	-1.08887	0.00506535	0.771572	-1.29606	0.0510989	1.1682	1.1682	0.372713	1.06614	1.06614	0.0961476	0.879977	-1.13639	4.22878	0.327979	0.0689411	1
cg12589112	TSNARE1	0.0285595	0.848099	1.05983	1.05983	0.00767661	0.354079	-2.82423	0.0478046	0.503717	-1.98524	0.723017	1.11387	1.11387	0.0606576	0.526808	-1.89823	0.839513	0.940403	-1.06337	0.00885535	0.364348	-2.74463	0.143357	1.61049	1.61049	0.0978795	0.576799	-1.73371	4.15866	6.04812	1.29275	1
cg04399647	TSNARE1	0.0287197	0.858278	1.03901	1.03901	0.000554288	3.15013	3.15013	0.28028	1.27163	1.27163	0.276258	1.27441	1.27441	0.361981	0.818223	-1.22216	0.182722	1.35357	1.35357	0.896306	1.02831	1.02831	0.466075	1.17212	1.17212	0.418453	0.837763	-1.19365	4.15046	3.01337	0.645363	1
cg08957001	TSNARE1	0.0289275	0.821136	0.919128	-1.08799	0.746311	1.12849	1.12849	0.908925	0.958279	-1.04354	0.229185	1.59986	1.59986	0.0610334	2.19508	2.19508	0.542278	0.79476	-1.25824	0.00116653	0.169441	-5.90175	0.283014	1.51499	1.51499	0.300194	0.670446	-1.49154	4.13989	9.09316	1.95242	1
cg05037806	TSNARE1	0.029742	0.475238	0.861037	-1.16139	0.0639361	0.651101	-1.53586	0.0532254	0.635989	-1.57235	0.0293899	0.589377	-1.69671	0.56168	1.12853	1.12853	0.372112	1.20783	1.20783	0.00692839	2.05461	2.05461	0.238384	1.28979	1.28979	0.676729	0.917225	-1.09025	4.09938	2.75694	0.597802	1
cg22236890	TSNARE1	0.0312006	0.391903	0.745874	-1.34071	0.00333312	0.263012	-3.80211	0.0250701	0.410312	-2.43717	0.609473	0.841802	-1.18793	0.0514375	0.47654	-2.09846	0.973159	1.01131	1.01131	0.00516268	0.291026	-3.43611	0.498337	0.794719	-1.25831	0.601694	0.83859	-1.19248	4.03015	7.13143	1.57291	1
cg04372120	TSNARE1	0.0319745	0.0444173	1.75839	1.75839	0.0315848	1.85197	1.85197	0.662638	0.898236	-1.11329	0.0141402	2.09654	2.09654	0.0203623	1.98093	1.98093	0.119139	0.66134	-1.51208	0.0537453	1.70823	1.70823	0.230874	1.35971	1.35971	0.862168	0.958406	-1.0434	3.99502	3.78178	0.841443	1
cg00245613	TSNARE1	0.0345459	0.412069	0.83528	-1.1972	0.631968	1.10911	1.10911	0.465907	0.852786	-1.17263	0.815864	1.05133	1.05133	0.324551	1.244	1.244	0.392537	1.20681	1.20681	0.000674347	0.327664	-3.05191	0.807434	0.948943	-1.0538	0.431676	0.841786	-1.18795	3.88544	2.83417	0.648386	1
cg19942431	TSNARE1	0.0394128	0.481787	0.787674	-1.26956	0.441626	0.769576	-1.29942	0.533148	0.810013	-1.23455	0.0091084	0.33087	-3.02234	0.0199283	0.391452	-2.55459	0.519912	0.80433	-1.24327	0.00726461	0.314761	-3.17701	0.671216	1.15319	1.15319	0.0258015	0.413277	-2.41968	3.70323	6.53558	1.56874	1
cg02246640	TSNARE1	0.0401514	0.0966162	1.39349	1.39349	0.0566789	0.675422	-1.48056	0.160838	0.761495	-1.31321	0.479545	1.13968	1.13968	0.766986	0.947379	-1.05554	0.0117185	1.77331	1.77331	0.0238039	0.612178	-1.63351	0.970273	1.0068	1.0068	0.951044	1.01123	1.01123	3.67801	1.92763	0.465863	1
cg17376205	TSNARE1	0.0406209	0.103189	0.645271	-1.54974	0.609876	0.881196	-1.13482	0.00488212	0.39974	-2.50163	0.310351	0.772605	-1.29432	0.0181439	0.494052	-2.02408	0.558536	0.864675	-1.1565	0.61959	0.88427	-1.13088	0.00621731	0.416174	-2.40284	0.15842	0.690355	-1.44853	3.66228	3.50346	0.85034	1
cg18128673	TSNARE1	0.0421098	0.815385	1.04299	1.04299	0.604609	0.910287	-1.09855	0.0194764	0.601577	-1.6623	0.516079	1.1258	1.1258	0.228036	0.796375	-1.25569	0.00417589	0.501218	-1.99514	0.0780904	1.42229	1.42229	0.403402	0.857387	-1.16633	0.842874	1.03636	1.03636	3.61382	1.85338	0.455873	1
cg25247409	TSNARE1	0.0444464	0.186949	2.04064	2.04064	0.970252	1.0192	1.0192	0.208592	0.508678	-1.96588	0.790259	0.872906	-1.1456	0.564166	1.34617	1.34617	0.291992	1.74631	1.74631	0.00203837	0.108905	-9.18232	0.122604	2.34686	2.34686	0.927858	0.954874	-1.04726	3.54189	14.5851	3.66034	1
cg17546196	TSNARE1	0.0451146	0.694018	1.07215	1.07215	0.28924	1.21388	1.21388	0.959148	0.991016	-1.00907	0.963418	1.00811	1.00811	0.0751787	0.705332	-1.41777	0.145515	0.759296	-1.31701	0.00195933	2.16245	2.16245	0.74742	1.05858	1.05858	0.537489	1.11628	1.11628	3.52217	1.73161	0.437006	1
cg20422052	TSNARE1	0.0453025	0.88773	1.0482	1.0482	0.239406	1.5077	1.5077	0.00401452	0.275737	-3.62664	0.189818	0.629511	-1.58853	0.0154514	0.37149	-2.69186	0.761796	0.903644	-1.10663	0.324632	1.40354	1.40354	0.435906	0.767276	-1.30331	0.251179	0.670615	-1.49117	3.51669	6.18613	1.56363	1
cg02230964	TSNARE1	0.0469098	0.770966	0.942927	-1.06053	0.475158	0.863984	-1.15743	0.014256	0.544136	-1.83778	0.0869509	0.683477	-1.46311	0.76996	0.942675	-1.06081	0.239162	1.28168	1.28168	0.0126052	1.86729	1.86729	0.474522	1.15768	1.15768	0.219624	0.771151	-1.29676	3.47092	2.22805	0.570594	1
cg05048685	TSNARE1	0.0478878	0.0274753	0.284745	-3.51191	0.106657	0.428025	-2.33631	0.0757839	0.385963	-2.59092	0.797132	1.13212	1.13212	0.0207306	0.261478	-3.82441	0.0600056	0.359853	-2.77891	0.0121699	0.221986	-4.5048	0.257344	0.565852	-1.76725	0.0284235	0.28767	-3.4762	3.44401	12.6568	3.26667	1
cg21240812	TSNARE1	0.0486788	0.126748	0.568198	-1.75995	0.179825	0.614143	-1.62829	0.0287831	2.41694	2.41694	0.110056	0.550969	-1.81498	0.331256	0.709584	-1.40928	0.802427	1.08959	1.08959	0.0351325	0.431728	-2.31627	0.0260613	0.405038	-2.46891	0.120026	0.561468	-1.78104	3.42274	6.34911	1.64887	1
cg18569695	TSNARE1	0.0498888	0.797578	0.951968	-1.05046	0.486093	0.873239	-1.14516	0.465041	0.867275	-1.15304	0.678001	0.92315	-1.08325	0.806013	0.953972	-1.04825	0.0102772	1.85787	1.85787	0.00578769	1.99848	1.99848	0.248317	0.793636	-1.26002	0.906856	0.977832	-1.02267	3.391	1.96989	0.51637	1
cg24430578	TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;TSNAX-DIS	0.0497455	0.053501	0.625521	-1.59867	0.874495	0.966749	-1.03439	0.415767	1.19476	1.19476	0.059559	1.57604	1.57604	0.0153099	0.52892	-1.89065	0.0536986	0.625827	-1.59789	0.683712	0.9161	-1.09158	0.106536	0.685899	-1.45794	0.124726	0.700773	-1.427	3.39471	2.46074	0.644334	1
cg10122294	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.00777888	0.178429	0.660073	-1.51498	0.476183	1.23429	1.23429	0.333212	0.748249	-1.33645	0.919256	1.0299	1.0299	0.800745	1.07625	1.07625	0.137235	1.59217	1.59217	0.0026453	0.298611	-3.34884	0.0675543	1.81315	1.81315	0.00105043	0.244486	-4.09021	6.40029	8.55758	1.1885	1
cg10225523	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.0114181	0.00771887	0.425905	-2.34794	0.110801	0.648368	-1.54233	0.00562569	0.40398	-2.47537	0.381699	0.799518	-1.25075	0.00491208	0.39479	-2.53299	0.00765013	0.425276	-2.35142	0.176794	0.69903	-1.43055	0.0791696	0.615043	-1.6259	0.00383101	0.378266	-2.64364	5.66392	5.57906	0.875571	1
cg15704743	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.026653	0.129526	0.585023	-1.70934	0.0523953	0.485747	-2.05868	0.0458695	0.472792	-2.1151	0.437356	1.29605	1.29605	0.0113124	0.354083	-2.8242	0.0181073	0.390822	-2.55871	0.0802903	1.88716	1.88716	0.298093	0.702542	-1.4234	0.0549346	0.490443	-2.03897	4.26094	7.23003	1.50828	1
cg04077695	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.0299306	0.0810995	0.606598	-1.64854	0.0975997	0.625108	-1.59972	0.520632	0.845095	-1.1833	0.0731993	0.59664	-1.67605	0.496069	0.836402	-1.1956	0.0854515	1.63465	1.63465	0.00152436	0.307387	-3.25322	0.790279	0.933422	-1.07133	0.846684	1.05131	1.05131	4.0902	4.32805	0.940579	1
cg27584828	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.039472	0.78316	1.07321	1.07321	0.716118	1.09805	1.09805	0.13491	1.511	1.511	0.129141	1.5219	1.5219	0.930154	0.977798	-1.02271	0.00213288	0.331151	-3.01977	0.0894057	0.619001	-1.61551	0.43396	0.815076	-1.22688	0.377071	0.79284	-1.26129	3.70119	3.84487	0.923394	1
cg16178998	TSNAX-DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.000364954	0.774759	1.08073	1.08073	0.0851681	0.597478	-1.6737	0.76684	1.08379	1.08379	0.0688413	1.73502	1.73502	0.583275	1.16175	1.16175	5.30E-06	0.0612474	-16.3272	0.17819	0.679012	-1.47273	0.124501	1.56841	1.56841	0.176231	1.47564	1.47564	15.5889	18.0789	1.03087	1
cg09895514	TSNAX-DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.0358305	0.852637	0.969432	-1.03153	0.0394992	0.671937	-1.48824	0.503292	1.12008	1.12008	0.544223	1.10791	1.10791	0.133998	1.30971	1.30971	0.099907	1.35121	1.35121	0.00289945	0.504832	-1.98086	0.98883	1.00234	1.00234	0.549371	0.903809	-1.10643	3.8344	1.69267	0.392394	1
cg10821976	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSN	0.00254831	0.513848	0.865963	-1.15478	0.0202439	1.8378	1.8378	0.000416283	0.296129	-3.37691	0.31576	0.798142	-1.25291	0.000416736	0.296188	-3.37623	0.595038	0.889927	-1.12369	0.770013	0.938264	-1.0658	0.327613	0.802794	-1.24565	0.0291676	0.571942	-1.74843	8.98129	6.72092	0.665178	1
cg04910228	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSN	0.00379385	0.00787081	0.481811	-2.0755	0.4165	0.837076	-1.19463	0.00380767	0.433551	-2.30653	0.0660349	0.642982	-1.55525	0.000478854	0.309208	-3.23407	0.204942	0.750935	-1.33167	0.0805961	0.660333	-1.51439	0.00219736	0.39871	-2.50809	0.00316174	0.421614	-2.37184	7.97855	5.79557	0.645683	1
cg05798633	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSN	0.0345448	?	?	?	0.159772	1.57846	1.57846	0.307024	1.37677	1.37677	0.397533	0.769906	-1.29886	0.00385865	0.29246	-3.41927	0.014564	0.392272	-2.54925	0.837267	0.940007	-1.06382	0.346234	0.745981	-1.34052	0.54988	0.833363	-1.19996	4.32408	5.39068	1.09083	1
cg11246731	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DIS	2.30E-05	0.259987	0.864064	-1.15732	0.132319	1.2238	1.2238	0.0758701	1.27847	1.27847	0.390033	1.11575	1.11575	0.814942	0.971266	-1.02958	0.000657103	0.522511	-1.91383	3.82E-07	0.163706	-6.10851	0.0276892	1.38218	1.38218	0.137698	1.21991	1.21991	32.6507	7.99591	0.217682	1
cg04792727	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DIS	0.0270782	0.629518	0.801502	-1.24766	0.85055	0.917721	-1.08966	0.739901	1.16376	1.16376	0.535006	1.33108	1.33108	0.208735	0.547048	-1.82799	0.894749	0.941527	-1.0621	0.000618786	0.090859	-11.0061	0.237803	1.75577	1.75577	0.27065	1.68554	1.68554	4.23736	13.9061	2.91713	1
cg03036575	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.00172542	0.454872	0.85869	-1.16457	0.0465769	1.57798	1.57798	0.144062	0.730444	-1.36903	0.252556	1.27023	1.27023	3.45E-05	0.201221	-4.96966	0.45616	0.859077	-1.16404	0.0546907	0.646497	-1.5468	0.143297	0.729941	-1.36997	0.0439556	0.629177	-1.58938	10.0644	6.38502	0.563923	1
cg24196814	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.00546129	0.0697241	0.764998	-1.30719	0.00606053	0.622904	-1.60538	0.0860872	0.778427	-1.28464	0.302484	0.868427	-1.15151	0.000881461	0.517684	-1.93168	0.814868	1.03146	1.03146	0.000942731	0.521309	-1.91825	0.893948	1.01777	1.01777	0.0213289	0.693916	-1.4411	7.14303	1.97327	0.245556	1
cg26565807	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.0122278	0.822652	0.956716	-1.04524	0.801112	0.951464	-1.05101	0.162811	0.745526	-1.34134	0.467463	1.15689	1.15689	0.000398477	0.329278	-3.03694	0.524498	0.880623	-1.13556	0.0283214	1.66574	1.66574	0.295426	0.807456	-1.23846	0.150146	0.737816	-1.35535	5.53957	3.40864	0.546956	1
cg01447498	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.0179996	0.00310893	0.519895	-1.92346	0.822659	0.964347	-1.03697	0.227069	1.22764	1.22764	0.0368301	0.675583	-1.4802	0.0776301	0.728192	-1.37326	0.00964396	0.58873	-1.69857	0.502835	0.895859	-1.11625	0.152011	0.780218	-1.28169	0.123516	1.3097	1.3097	4.87517	2.01946	0.368208	1
cg26340700	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.0223012	0.0115015	0.204402	-4.89231	0.043115	0.310758	-3.21794	0.311588	0.591098	-1.69177	0.272734	0.563646	-1.77416	0.0264675	0.266746	-3.74888	0.136559	0.446845	-2.23791	0.00156843	0.102143	-9.79024	0.0268094	0.267825	-3.73378	0.0535294	0.332449	-3.00798	4.53273	18.1083	3.55112	1
cg00906976	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.0256754	0.00584576	0.289906	-3.44939	0.964757	1.01528	1.01528	0.671202	1.15779	1.15779	0.0028062	0.243453	-4.10758	0.752695	0.897213	-1.11456	0.596618	0.832533	-1.20115	0.0333098	0.425901	-2.34796	0.732995	0.889142	-1.12468	0.269872	1.48325	1.48325	4.31696	8.04998	1.65754	1
cg13107696	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.0262703	0.679035	1.28443	1.28443	0.0918839	3.05368	3.05368	0.128621	2.68594	2.68594	0.485427	1.5318	1.5318	0.0064074	0.118398	-8.44606	0.686012	1.27699	1.27699	0.0196445	0.18347	-5.45047	0.0619812	0.282434	-3.54065	0.186047	0.430225	-2.32437	4.28256	24.5472	5.09501	1
cg09276072	TSNAXIP1	0.00020316	0.414064	0.864794	-1.15635	0.000103718	3.30156	3.30156	0.206219	0.792971	-1.26108	0.200041	1.26556	1.26556	0.0153905	1.67762	1.67762	0.113951	1.34875	1.34875	0.00715962	0.546539	-1.8297	0.000386957	2.67743	2.67743	0.000299057	0.359281	-2.78334	18.2933	8.76966	0.426127	1
cg26795179	TSNAXIP1	0.000601402	0.0311859	0.813032	-1.22996	0.0116581	0.772558	-1.2944	0.00157585	0.68967	-1.44997	0.71144	1.03088	1.03088	0.00540194	0.740996	-1.34954	0.012395	1.29021	1.29021	0.00164848	1.44598	1.44598	0.00892839	0.761631	-1.31297	0.0011845	0.677563	-1.47588	13.575	1.44063	0.094332	1
cg04518928	TSNAXIP1;RANBP10	0.00565097	0.108878	1.77914	1.77914	0.516505	0.805146	-1.24201	0.00111759	0.205654	-4.86254	0.70393	0.88179	-1.13406	0.00922552	2.97115	2.97115	0.00360021	0.272886	-3.66454	0.253928	1.48075	1.48075	0.730771	0.892425	-1.12054	0.818873	0.927208	-1.07851	7.06849	12.1538	1.52838	1
cg00854637	TSNAXIP1;RANBP10	0.0115965	0.00613703	0.752415	-1.32905	0.36317	1.07718	1.07718	0.0182547	1.25601	1.25601	0.239678	0.906695	-1.10291	0.262864	0.911315	-1.09732	0.342127	0.925087	-1.08098	0.00233895	0.713215	-1.4021	0.0957265	0.864524	-1.15671	0.709534	1.03021	1.03021	5.6356	0.564895	0.0890995	1
cg01332403	TSNAXIP1;RANBP10	0.0354578	0.0232957	0.746224	-1.34008	0.911958	0.988129	-1.01201	0.0203738	1.35235	1.35235	0.0485244	0.784015	-1.27549	0.965752	0.995375	-1.00465	0.213206	0.868025	-1.15204	0.482484	0.925826	-1.08012	0.0298223	1.31788	1.31788	0.561107	1.06551	1.06551	3.84897	0.710627	0.164114	1
cg05192440	TSNAXIP1;RANBP10	0.0445422	0.668836	1.09305	1.09305	0.993081	1.00179	1.00179	0.121231	0.706508	-1.41541	0.0140114	0.534016	-1.8726	0.824098	1.04711	1.04711	0.0456249	0.622564	-1.60626	0.00585347	0.474278	-2.10847	0.0472029	0.625288	-1.59926	0.380232	0.830178	-1.20456	3.53904	2.39646	0.60191	1
cg03338348	TSNAXIP1;RANBP10;RANBP10	0.00461882	0.000679138	0.441894	-2.26299	0.469648	0.890762	-1.12263	0.294539	1.18645	1.18645	0.488999	1.11687	1.11687	0.0974212	1.33112	1.33112	0.0321975	0.674014	-1.48365	0.031979	0.673564	-1.48464	0.00309896	0.529189	-1.88968	0.245584	1.21044	1.21044	7.51799	2.94447	0.348139	1
cg02896515	TSPAN1	3.78E-06	0.823971	1.02191	1.02191	0.0753034	0.82476	-1.21247	0.00182106	0.64978	-1.53898	0.00446498	1.4462	1.4462	0.16142	0.864595	-1.15661	0.088445	1.20065	1.20065	2.04E-07	4.63958	4.63958	8.34E-06	0.388617	-2.57323	0.00563949	1.42395	1.42395	52.156	7.81863	0.133252	1
cg05371506	TSPAN1	0.00163316	0.781494	1.04921	1.04921	0.000601508	0.400829	-2.49483	0.000946376	0.426752	-2.34328	0.0224503	0.623511	-1.60382	0.000194968	0.33869	-2.95255	0.0525968	0.683394	-1.46328	0.866118	0.971271	-1.02958	0.0520349	0.682607	-1.46497	0.0265141	0.634864	-1.57514	10.2257	4.83324	0.42014	1
cg04975920	TSPAN1	0.00264124	0.0250838	1.89339	1.89339	0.00456149	2.47174	2.47174	0.768675	1.07321	1.07321	0.00129398	3.07394	3.07394	0.0888033	0.63784	-1.56779	0.00718725	2.2962	2.2962	0.026841	0.53355	-1.87424	0.494213	0.846789	-1.18093	0.00995733	2.18092	2.18092	8.88694	8.07725	0.807903	1
cg18648693	TSPAN10	0.000532353	0.408055	1.2126	1.2126	0.000383106	0.274874	-3.63804	0.00688566	0.450698	-2.21878	0.857086	1.04192	1.04192	0.240569	0.755871	-1.32298	0.0171817	0.51611	-1.93757	1.60E-05	0.131773	-7.58878	0.084292	0.647239	-1.54503	0.0794576	0.64181	-1.55809	14.0439	11.5418	0.730522	1
cg24874389	TSPAN10	0.00129073	0.405146	0.868215	-1.15179	0.68234	1.07066	1.07066	0.000612431	0.416614	-2.4003	0.942342	0.98807	-1.01207	7.63E-05	0.304276	-3.28649	0.56672	0.908392	-1.10085	0.138058	0.767247	-1.30336	0.0022821	0.492719	-2.02955	0.0102622	0.584626	-1.71049	10.9415	4.77028	0.387539	1
cg23641514	TSPAN10	0.00197267	0.611351	1.10794	1.10794	0.506627	0.873912	-1.14428	8.63E-05	0.244246	-4.09423	0.874015	1.03225	1.03225	0.00886157	0.513579	-1.94712	0.648989	1.09599	1.09599	0.0146691	0.54828	-1.82388	0.0364621	1.62629	1.62629	0.0305718	0.601541	-1.6624	9.68062	6.13422	0.563254	1
cg02944007	TSPAN10	0.0129773	0.0390762	4.4031	4.4031	0.00144826	17.4023	17.4023	0.0251042	5.22619	5.22619	0.584772	1.40846	1.40846	0.0267806	5.09642	5.09642	0.425686	1.65682	1.65682	0.875656	0.907379	-1.10208	0.00495869	10.0657	10.0657	0.0198249	5.73131	5.73131	5.43325	33.1514	5.42362	1
cg02117656	TSPAN10	0.0196267	0.0184321	4.95284	4.95284	0.417793	1.58941	1.58941	0.283484	1.86561	1.86561	0.429072	0.636508	-1.57107	0.529435	0.700105	-1.42836	0.186584	2.18918	2.18918	0.00345939	9.22008	9.22008	0.00491999	8.04403	8.04403	0.0433106	3.67182	3.67182	4.73475	23.4841	4.40883	1
cg24085707	TSPAN10	0.0245024	0.0043311	5.20773	5.20773	0.132317	0.495164	-2.01953	0.762506	0.87708	-1.14015	0.770134	1.13518	1.13518	0.265883	0.605494	-1.65154	0.7573	0.874465	-1.14356	0.121588	0.483699	-2.0674	0.00756696	4.42295	4.42295	0.469887	1.37459	1.37459	4.38777	13.014	2.63642	1
cg05479166	TSPAN10	0.0317103	0.905252	0.951372	-1.05111	0.0149015	0.285476	-3.50293	0.00213532	0.164274	-6.0874	0.69677	1.17815	1.17815	0.0448925	0.381477	-2.62139	0.916528	0.95706	-1.04487	0.360634	0.674734	-1.48207	0.17853	0.549704	-1.81916	0.0389919	0.36775	-2.71924	4.00689	11.1222	2.46735	1
cg05946353	TSPAN10	0.049988	0.862092	0.902751	-1.10772	0.0354798	0.236793	-4.22311	0.0195148	0.189944	-5.26472	0.600766	1.36436	1.36436	0.0339804	0.233076	-4.29044	0.65331	1.30479	1.30479	0.00868456	0.139731	-7.15663	0.486637	0.659738	-1.51575	0.174368	0.427336	-2.34008	3.38844	18.5807	4.87427	1
cg27122706	TSPAN11	1.93E-05	4.78E-05	0.272001	-3.67646	0.750416	0.947179	-1.05577	6.95E-05	0.290662	-3.44042	3.27E-05	0.253527	-3.94436	0.00403641	1.92844	1.92844	0.274928	1.21308	1.21308	3.66E-05	0.258913	-3.8623	0.0501373	0.684012	-1.46196	1.87E-05	0.227314	-4.39921	34.1651	15.6467	0.407087	1
cg15834592	TSPAN11	0.0227409	0.26671	1.19403	1.19403	0.650419	1.07242	1.07242	0.0215097	0.654958	-1.52682	0.319736	0.854216	-1.17066	0.364834	0.867016	-1.15338	0.190049	1.237	1.237	0.102624	1.31482	1.31482	0.00283961	1.87705	1.87705	0.224252	0.822303	-1.2161	4.50239	1.67467	0.330624	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15526671	TSPAN11	0.0281044	0.0499238	0.28034	-3.5671	0.012195	0.169248	-5.9085	0.108004	0.368836	-2.71124	0.235509	0.493068	-2.02812	0.0113597	0.164884	-6.06488
cg23627038	TSPAN12	0.000922982	0.866286	0.979723	-1.0207	0.740181	0.960353	-1.04128	0.048116	1.316	1.316	0.65268	0.946419	-1.05661	1.76E-05	0.343646	-2.90997
cg16969077	TSPAN12	0.00536744	0.00150586	2.35342	2.35342	0.00470471	0.495088	-2.01984	0.0384894	0.63844	-1.56632	0.026622	1.63519	1.63519	0.0508044	1.51658	1.51658
cg22032706	TSPAN12	0.00833933	0.00969469	0.158446	-6.31132	0.0125015	0.173887	-5.75087	0.0127283	0.175026	-5.71344	0.0746097	0.326886	-3.05917	0.00242324	0.092797	-10.7762
cg06196828	TSPAN12	0.0158561	0.0100398	0.240304	-4.1614	0.0466375	0.368001	-2.71738	0.0220698	0.299825	-3.33527	0.0246835	0.309226	-3.23388	0.0113651	0.248963	-4.01666
cg05611805	TSPAN12	0.0193678	0.0387901	0.717136	-1.39444	0.00254785	0.558912	-1.78919	0.00200377	0.545534	-1.83307	0.0770722	0.760967	-1.31412	0.0495191	0.73241	-1.36535
cg05628818	TSPAN12	0.0273467	0.628861	1.3194	1.3194	0.00191771	0.0820639	-12.1856	0.0634684	0.304929	-3.27945	0.770305	0.846518	-1.18131	0.00683332	0.136149	-7.34488
cg26340461	TSPAN12	0.0431324	0.333991	0.891711	-1.12144	0.00410825	1.55705	1.55705	0.150913	1.19369	1.19369	0.54734	1.07255	1.07255	0.991137	1.00128	1.00128
cg13983870	TSPAN12;TSPAN12	0.024648	0.065028	0.744288	-1.34357	0.145853	1.24929	1.24929	0.265185	1.18002	1.18002	0.983801	0.99711	-1.0029	0.0790064	0.757285	-1.32051
cg18845801	TSPAN13	0.00216891	0.794599	1.02902	1.02902	0.13903	1.19073	1.19073	0.903133	1.01344	1.01344	0.854493	1.02033	1.02033	0.137123	1.1919	1.1919
cg12567315	TSPAN13	0.00759003	0.101759	0.827791	-1.20803	0.064154	1.24542	1.24542	0.190885	1.15734	1.15734	0.930676	0.990862	-1.00922	0.943158	1.00755	1.00755
cg24756756	TSPAN13	0.0439058	0.91757	0.977318	-1.02321	0.0799882	1.53805	1.53805	0.989608	1.00289	1.00289	0.657228	1.10404	1.10404	0.670044	0.909383	-1.09965
cg09626299	TSPAN14;TSPAN14	0.00173199	0.00473029	3.13483	3.13483	0.000255022	6.26103	6.26103	0.0289357	2.19053	2.19053	0.0532005	1.9519	1.9519	0.0173738	2.41559	2.41559
cg12603476	TSPAN14;TSPAN14	0.00258445	0.00836154	1.34492	1.34492	0.0358163	0.806712	-1.2396	0.0012199	0.659543	-1.5162	0.385234	0.924699	-1.08143	0.0099931	0.751227	-1.33115
cg03293884	TSPAN14;TSPAN14	0.00728967	0.00236518	0.103904	-9.62428	0.0147749	0.201504	-4.96268	0.0376301	0.275875	-3.62483	0.000883666	0.0698763	-14.311	?	?	?
cg16988611	TSPAN14;TSPAN14	0.012485	0.129062	1.49384	1.49384	0.136201	0.675102	-1.48126	0.778578	1.07141	1.07141	0.00644202	2.37979	2.37979	0.0490542	1.73295	1.73295
cg11411705	TSPAN14;TSPAN14	0.0358087	0.420441	0.824844	-1.21235	0.0348286	1.77793	1.77793	0.381739	1.23352	1.23352	0.052433	0.596914	-1.67528	0.14219	0.691334	-1.44648
cg06791973	TSPAN15	0.00394112	0.819257	1.07072	1.07072	0.0121248	0.393161	-2.54348	0.0560829	0.524155	-1.90783	0.105072	1.69679	1.69679	0.000103678	0.128783	-7.76498
cg12610070	TSPAN15	0.00986955	0.713731	0.883795	-1.13148	0.690572	1.14357	1.14357	0.100848	1.82665	1.82665	0.0602924	2.03473	2.03473	0.00140038	4.71865	4.71865
cg18382422	TSPAN15	0.0116004	0.514221	1.16042	1.16042	0.243825	0.760119	-1.31558	0.010451	0.48431	-2.06479	0.85193	0.958842	-1.04292	0.0254883	0.550391	-1.81689
cg03783925	TSPAN15	0.0239297	0.0867963	0.548394	-1.82351	0.140437	1.65484	1.65484	0.957589	0.98325	-1.01703	0.365135	1.34388	1.34388	0.00336436	0.281672	-3.55022
cg14388049	TSPAN15	0.0344296	0.940387	0.968828	-1.03218	0.385468	1.45752	1.45752	0.179748	1.82814	1.82814	0.00619543	4.5328	4.5328	0.0752443	2.31338	2.31338
cg26465120	TSPAN15;TSPAN15	0.00712061	0.267918	0.825653	-1.21116	0.340854	0.849638	-1.17697	0.174963	1.2706	1.2706	0.78258	1.04699	1.04699	0.0317542	0.658425	-1.51877
cg01422017	TSPAN16	2.75E-05	0.000392882	0.391214	-2.55615	0.00570949	0.547561	-1.82628	4.19E-05	0.273602	-3.65494	0.000173671	0.346755	-2.88388	3.75E-06	0.166053	-6.02216
cg27159916	TSPAN16	0.000272849	0.000984877	0.402567	-2.48406	0.561033	0.896561	-1.11537	0.00563566	0.509192	-1.9639	0.0235124	0.604976	-1.65296	3.92E-06	0.13599	-7.35346
cg03350993	TSPAN16	0.0113577	0.0167189	0.376011	-2.6595	0.0290963	0.42264	-2.36608	0.00442568	0.280297	-3.56765	0.448222	1.29539	1.29539	0.0102322	0.338234	-2.95653
cg03263792	TSPAN16	0.0282616	0.0142278	0.328119	-3.04768	0.0311816	0.393832	-2.53915	0.0162496	0.33855	-2.95377	0.626663	1.19799	1.19799	0.0114783	0.311802	-3.20716
cg22380849	TSPAN16;RAB3D	0.0212519	0.979546	1.003	1.003	0.00381197	0.633425	-1.57872	0.407915	0.905683	-1.10414	0.325991	1.12602	1.12602	0.291048	1.13681	1.13681
cg25382751	TSPAN16;TSPAN16	0.0022672	0.641855	0.928489	-1.07702	0.16455	0.790649	-1.26478	0.0315593	0.670745	-1.49088	0.0310686	0.669708	-1.49319	5.18E-05	0.301339	-3.31852
cg21120116	TSPAN17;TSPAN17;TSPAN17	0.00338491	0.0123788	0.428623	-2.33306	0.473402	0.820038	-1.21946	0.40721	0.79399	-1.25946	0.146944	0.654733	-1.52734	6.34E-05	0.13497	-7.40906
cg04543600	TSPAN17;TSPAN17;TSPAN17	0.00780245	0.844671	0.963548	-1.03783	0.197727	1.294	1.294	0.439618	0.861388	-1.16092	0.0170403	0.576569	-1.7344	0.000862377	0.387912	-2.57791
cg08736421	TSPAN17;TSPAN17;TSPAN17	0.00955703	0.0660993	1.52046	1.52046	0.319357	1.23264	1.23264	0.802805	1.05217	1.05217	0.0879849	0.682021	-1.46623	0.000453015	0.325175	-3.07526
cg13367929	TSPAN17;TSPAN17;TSPAN17	0.0124888	0.408681	0.785369	-1.27329	0.384246	1.29055	1.29055	0.827531	0.939524	-1.06437	0.572681	1.177	1.177	0.0153558	0.427148	-2.34111
cg04234318	TSPAN17;TSPAN17;TSPAN17;TSPAN17;TSPAN17;TSPAN17	0.020549	0.271527	0.865852	-1.15493	0.00305085	0.6001	-1.66639	0.98153	1.00292	1.00292	0.10557	1.24919	1.24919	0.023981	0.712566	-1.40338
cg03474795	TSPAN17;TSPAN17;TSPAN17;TSPAN17;TSPAN17;TSPAN17	0.0258997	0.00470002	0.582345	-1.71719	0.398122	0.88293	-1.13259	0.150737	1.24812	1.24812	0.0435199	1.39664	1.39664	0.202579	1.21362	1.21362
cg15576669	TSPAN18	0.0012166	0.122437	0.868929	-1.15084	0.000179133	1.70329	1.70329	0.559168	1.05082	1.05082	0.992916	1.00075	1.00075	0.862875	0.985595	-1.01462
cg07524505	TSPAN18	0.00428589	0.0159438	0.720418	-1.38808	0.00817419	1.45656	1.45656	0.0057175	1.49574	1.49574	0.108262	0.823092	-1.21493	0.156356	0.84495	-1.1835
cg25719876	TSPAN18	0.0125252	0.0700273	0.745812	-1.34082	0.000745456	0.476604	-2.09818	0.0373923	0.704872	-1.4187	0.5579	0.917778	-1.08959	0.987479	1.00227	1.00227
cg18395231	TSPAN18	0.0180989	0.0191141	0.303996	-3.28951	0.0269782	0.332974	-3.00324	0.534165	0.767708	-1.30258	0.161669	0.533939	-1.87287	0.0144745	0.28222	-3.54334
cg20968743	TSPAN18	0.018914	0.0185111	0.212884	-4.6974	0.0320057	3.8991	3.8991	0.616713	0.760856	-1.31431	0.0216154	0.224486	-4.45462	0.366932	0.605321	-1.65202
cg23500396	TSPAN18	0.0230824	0.439749	0.862291	-1.1597	0.00204765	2.26371	2.26371	0.440929	0.862633	-1.15924	0.157112	0.752381	-1.32911	0.191223	0.770902	-1.29718
cg03236627	TSPAN18	0.0245058	0.164337	0.67712	-1.47684	0.156783	1.48882	1.48882	0.00892371	0.417189	-2.397	0.958685	1.01371	1.01371	0.00500887	0.376884	-2.65334
cg07441608	TSPAN18	0.0252749	0.134847	0.487146	-2.05277	0.00706592	0.211578	-4.7264	0.0213097	0.290945	-3.43707	0.46207	0.716046	-1.39656	0.0176254	0.275765	-3.62627
cg11972564	TSPAN18	0.0270349	0.0799576	0.478014	-2.09199	0.32334	1.47336	1.47336	0.0304476	2.6283	2.6283	0.105633	1.95734	1.95734	0.381001	0.710788	-1.40689
cg24681086	TSPAN18	0.0455019	0.0613963	0.552178	-1.81101	0.0925787	1.68469	1.68469	0.686011	1.12135	1.12135	0.882033	1.04273	1.04273	0.00630846	0.366997	-2.72482
cg00015343	TSPAN18	0.0464892	0.966741	1.00668	1.00668	0.582417	0.915174	-1.09269	0.125706	0.767593	-1.30277	0.0651002	1.39178	1.39178	0.711111	1.06118	1.06118
cg12730562	TSPAN18;TSPAN18	0.00502124	0.695722	0.933226	-1.07155	0.723119	1.06455	1.06455	0.784709	0.952992	-1.04933	0.870895	1.02901	1.02901	0.000153279	0.319441	-3.13047
cg17260660	TSPAN18;TSPAN18	0.00517807	0.0142444	0.637089	-1.56964	0.00720015	1.67745	1.67745	0.117774	1.28828	1.28828	0.134799	0.786295	-1.27179	0.0144445	0.637939	-1.56755
cg06401614	TSPAN18;TSPAN18	0.00812792	0.00150149	0.257551	-3.88273	0.209645	0.675675	-1.48	0.00419502	0.320733	-3.11786	0.156279	0.637838	-1.5678	0.00137034	0.252338	-3.96294
cg17162355	TSPAN18;TSPAN18	0.0135521	0.0060749	0.211738	-4.72282	0.0437033	0.36615	-2.73112	0.883176	0.938273	-1.06579	0.0956203	0.452383	-2.21051	0.0136347	0.266541	-3.75177
cg25749341	TSPAN18;TSPAN18	0.0372632	0.0209585	0.537767	-1.85954	0.822397	0.951034	-1.05149	0.177253	0.725968	-1.37747	0.637188	0.899343	-1.11192	0.49725	0.857351	-1.16638
cg10379050	TSPAN19;LRRIQ1;LRRIQ1	0.032825	0.0251785	0.492949	-2.02861	0.00810279	2.46147	2.46147	0.0107571	2.34292	2.34292	0.689267	0.898719	-1.11269	0.63479	0.88062	-1.13556
cg26345971	TSPAN19;LRRIQ1;LRRIQ1	0.0389904	0.95775	0.987001	-1.01317	0.00714535	2.35838	2.35838	0.0624764	1.67839	1.67839	0.0235802	0.512871	-1.94981	0.296773	1.30627	1.30627
cg20080079	TSPAN19;LRRIQ1;LRRIQ1;LRRIQ1;LRRIQ1	0.00317008	?	?	?	0.00182196	3.33038	3.33038	0.0300823	1.99903	1.99903	0.637243	1.13765	1.13765	0.0112251	0.422065	-2.3693
cg13239252	TSPAN19;LRRIQ1;LRRIQ1;LRRIQ1;LRRIQ1	0.00679366	0.0146557	0.600954	-1.66402	0.0628109	0.701359	-1.4258	0.0780985	1.39337	1.39337	0.0878836	0.726733	-1.37602	0.0998927	1.35736	1.35736
cg06583108	TSPAN19;TSPAN19;LRRIQ1;LRRIQ1	0.0358329	0.0639443	0.505502	-1.97823	0.0137485	2.71282	2.71282	0.0382557	2.19629	2.19629	0.396706	0.752508	-1.32889	0.517067	0.80637	-1.24013
cg01553935	TSPAN1;TSPAN1	0.0037016	0.839272	0.930475	-1.07472	0.00580267	3.60446	3.60446	0.230149	0.639722	-1.56318	0.00217314	0.217328	-4.60134	0.00566896	0.275887	-3.62468
cg06043114	TSPAN2	7.77E-05	0.0128794	1.3254	1.3254	0.0293094	0.791193	-1.26391	0.873147	0.985529	-1.01468	0.00345882	0.696186	-1.4364	0.0332728	1.25482	1.25482
cg17147537	TSPAN2	0.00111824	0.776966	0.939024	-1.06494	0.0600068	1.60003	1.60003	0.021912	0.543815	-1.83886	4.23E-05	0.178159	-5.61297	0.0142363	0.511796	-1.9539
cg25102417	TSPAN2	0.00571102	0.332432	0.897526	-1.11417	0.160076	0.850193	-1.1762	0.545135	1.06846	1.06846	0.0110307	1.41162	1.41162	0.020966	0.740573	-1.35031
cg09811183	TSPAN2	0.0271575	0.204495	0.68397	-1.46205	0.00294208	0.313951	-3.18521	0.815215	1.06867	1.06867	0.100848	1.66494	1.66494	0.612907	0.865255	-1.15573
cg24538626	TSPAN31	0.00064808	0.416594	1.2468	1.2468	0.970054	1.01002	1.01002	0.0721447	1.70445	1.70445	0.501482	1.19872	1.19872	0.648974	0.885364	-1.12948
cg10018778	TSPAN31	0.000940248	0.946871	1.00777	1.00777	0.356308	1.11645	1.11645	0.00711711	0.667899	-1.49723	0.00186419	1.6694	1.6694	0.217083	1.16274	1.16274
cg22490255	TSPAN31	0.0233231	0.30025	0.85771	-1.16589	0.0773818	1.32409	1.32409	0.0773403	1.32415	1.32415	0.987816	0.997819	-1.00219	0.0350013	1.42087	1.42087
cg24502192	TSPAN31	0.0254368	0.0191227	0.31496	-3.17501	0.0243051	0.334966	-2.98538	0.37496	0.690046	-1.44918	0.0789805	0.451732	-2.2137	0.0621019	0.424973	-2.35309
cg20011998	TSPAN31	0.0326988	0.721815	1.06039	1.06039	0.349651	0.85392	-1.17107	0.00886443	1.72703	1.72703	0.300343	1.19249	1.19249	0.0259121	1.54305	1.54305
cg15357934	TSPAN31	0.0367685	0.028425	0.421971	-2.36983	0.0096968	0.335681	-2.97902	0.0697855	0.508423	-1.96687	0.279827	0.687442	-1.45467	0.0158049	0.372932	-2.68146
cg14988628	TSPAN32	0.00023081	0.0014519	0.604414	-1.6545	0.384927	0.907107	-1.10241	0.684124	0.95622	-1.04578	0.9854	0.997999	-1.002	1.57E-05	0.376719	-2.6545
cg09785033	TSPAN32	0.0309017	0.0850059	0.332426	-3.00818	0.00368589	0.103332	-9.67758	0.198988	0.45618	-2.19212	0.506913	0.67748	-1.47606	0.038353	0.249636	-4.00584
cg03983837	TSPAN32;C11orf21;C11orf21	0.00765053	0.768517	1.04711	1.04711	0.12493	0.771777	-1.29571	0.00044879	0.421776	-2.37093	0.0196923	0.644436	-1.55175	0.0118587	0.61266	-1.63223
cg14020320	TSPAN32;C11orf21;C11orf21	0.00837366	0.0913407	0.697181	-1.43435	0.0058155	2.01519	2.01519	0.0112462	0.540061	-1.85164	0.175948	0.756431	-1.322	0.030508	0.610672	-1.63754
cg18081375	TSPAN32;C11orf21;C11orf21	0.0360228	0.93314	0.96358	-1.0378	0.187395	0.539136	-1.85482	0.444565	0.708501	-1.41143	0.0134757	0.258591	-3.8671	0.0125095	0.253171	-3.94991
cg05572370	TSPAN32;C11orf21;TSPAN32;C11orf21	0.0467406	0.0351711	0.557811	-1.79272	0.908835	1.02763	1.02763	0.0252893	0.531133	-1.88277	0.124393	0.673132	-1.48559	0.0836631	0.634156	-1.5769
cg11303670	TSPAN33	0.00804727	0.00673312	0.697716	-1.43325	0.130148	1.18232	1.18232	0.485916	1.07523	1.07523	0.319853	1.11105	1.11105	0.0113135	1.38395	1.38395
cg13219896	TSPAN33	0.0197777	0.169412	0.675172	-1.4811	0.872264	1.04412	1.04412	0.69231	0.898773	-1.11263	0.0234752	0.483741	-2.06722	0.000799289	0.257054	-3.89024
cg16703934	TSPAN33	0.0304535	0.0165757	0.296818	-3.36906	0.734684	0.86833	-1.15164	0.111611	0.487139	-2.0528	0.112984	0.48871	-2.0462	0.00393396	0.19983	-5.00424
cg05922972	TSPAN3;TSPAN3;TSPAN3	0.000366526	0.00021	3.97972	3.97972	?	?	?	0.00704628	2.17286	2.17286	0.000828162	0.325732	-3.07001	0.408367	0.828276	-1.20733
cg19373938	TSPAN3;TSPAN3;TSPAN3	0.00760411	0.00979252	0.323932	-3.08706	0.0679254	0.493762	-2.02527	0.0275083	0.406649	-2.45913	0.62003	0.841551	-1.18828	0.00121018	0.194834	-5.13256
cg12068969	TSPAN3;TSPAN3;TSPAN3	0.0232543	0.0441115	0.745477	-1.34142	0.666289	0.94639	-1.05665	0.731743	0.95724	-1.04467	0.105722	0.798972	-1.25161	0.307477	1.14358	1.14358
cg11173246	TSPAN4;POLR2L;TSPAN4;TSPAN4	0.0437181	0.0430959	0.270753	-3.6934	0.398188	0.615318	-1.62518	0.354831	0.586042	-1.70636	0.376327	1.66475	1.66475	0.0518707	0.288821	-3.46235
cg16425592	TSPAN4;TSPAN4;POLR2L;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.000109585	1.21E-06	0.0203023	-49.2556	0.164198	0.630439	-1.5862	0.152307	0.620908	-1.61054	0.0340694	0.46358	-2.15713	0.437984	0.782005	-1.27876
cg23127064	TSPAN4;TSPAN4;TSPAN4;TSPAN4;POLR2L;TSPAN4;TSPAN4	0.0117252	0.923485	0.99072	-1.00937	0.000468259	0.586432	-1.70523	0.155589	0.862898	-1.15889	0.930805	0.991607	-1.00846	0.181016	0.871252	-1.14777
cg26071135	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;POLR2L;TSPAN4;TSPAN4	0.014489	0.0182008	2.29816	2.29816	0.00730966	2.72872	2.72872	0.130668	1.60597	1.60597	0.0789506	1.76151	1.76151	0.0950562	1.70297	1.70297
cg13104938	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;POLR2L;TSPAN4;TSPAN4	0.0422158	0.0115008	2.32041	2.32041	0.150294	1.5077	1.5077	0.781528	0.928647	-1.07684	0.76522	0.923351	-1.08301	0.0565056	1.77697	1.77697
cg01636582	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.000504748	0.000936548	0.419304	-2.3849	0.00874396	0.55545	-1.80034	7.47E-05	0.281935	-3.54691	0.00023463	0.341762	-2.92602	0.00250438	0.477516	-2.09417
cg15437031	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.00197233	0.00345263	0.372012	-2.68809	0.127953	1.50654	1.50654	0.122656	0.659318	-1.51672	0.139873	1.48522	1.48522	0.00089205	0.289653	-3.45241
cg14139652	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.00436423	0.00123967	0.332552	-3.00705	0.0808038	0.636608	-1.57083	0.0542741	0.600846	-1.66432	0.961521	0.988811	-1.01132	0.00131507	0.336062	-2.97564
cg07047068	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.00696411	0.0139164	0.333507	-2.99844	0.00348463	0.238638	-4.19045	0.0189496	0.358089	-2.7926	0.0102103	0.310214	-3.22358	0.0371373	0.41704	-2.39785
cg24134897	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0329348	0.884184	1.07532	1.07532	0.530431	0.728596	-1.3725	0.0180129	4.18604	4.18604	0.592844	1.30856	1.30856	0.186556	0.497757	-2.00901
cg12464638	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0333522	0.728712	1.1171	1.1171	0.0773481	0.535543	-1.86726	0.00219328	0.255145	-3.91934	0.0235604	0.423167	-2.36313	0.0341698	0.455639	-2.19472
cg27639620	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0378935	0.540519	0.938547	-1.06548	0.00375265	1.49256	1.49256	0.974111	0.996684	-1.00333	0.664955	1.04561	1.04561	0.271479	0.889425	-1.12432
cg14277925	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0403687	0.0973749	0.231029	-4.32846	0.134935	0.27306	-3.6622	?	?	?	0.394791	0.495592	-2.01779	0.0173899	0.0970468	-10.3043
cg16151451	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.047331	0.471403	0.822571	-1.2157	0.0471463	1.83239	1.83239	0.790552	0.93149	-1.07355	0.0210364	2.09587	2.09587	0.0464705	0.544433	-1.83677
cg20171011	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0494345	0.0126083	0.17204	-5.81261	0.406246	0.617475	-1.6195	0.112233	0.374844	-2.66778	0.168421	0.434829	-2.29976	0.00700662	0.138265	-7.23249
cg08057037	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0497304	0.0927713	0.752298	-1.32926	0.2809	0.841586	-1.18823	0.660501	1.07038	1.07038	0.0506139	1.40885	1.40885	0.0212541	0.653055	-1.53127
cg19303748	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0123363	0.0646049	1.65216	1.65216	0.131404	1.48278	1.48278	0.668054	0.900917	-1.10998	0.101774	0.648398	-1.54226	0.6287	1.12508	1.12508
cg16692732	TSPAN5	1.09E-07	9.99E-10	0.0171933	-58.1621	0.00228016	1.74991	1.74991	0.0310534	1.3937	1.3937	0.0021152	0.56738	-1.76249	0.461231	1.10338	1.10338
cg22031466	TSPAN5	0.0011769	0.00117013	1.70773	1.70773	0.00484529	0.657282	-1.52142	0.0569637	1.27373	1.27373	0.0151117	1.3984	1.3984	0.0254808	1.34744	1.34744
cg00398880	TSPAN5	0.00193864	0.1258	1.37841	1.37841	0.00114499	2.52513	2.52513	0.0476857	1.55069	1.55069	0.0728094	1.47362	1.47362	0.000247126	0.309569	-3.2303
cg04964397	TSPAN5	0.0042047	0.00331557	0.211122	-4.73659	0.913	0.958388	-1.04342	0.705515	1.1591	1.1591	0.273156	0.641774	-1.55818	0.000221088	0.0913768	-10.9437
cg22404125	TSPAN5	0.0064856	0.00117728	0.176236	-5.67422	0.00175643	0.196745	-5.08273	0.0473905	0.437247	-2.28704	0.0215138	0.365299	-2.73749	0.00284193	0.223501	-4.47425
cg08915024	TSPAN5	0.00746162	0.0610024	1.45385	1.45385	0.388333	0.85497	-1.16963	0.942433	1.01288	1.01288	0.0681671	1.43615	1.43615	0.0286194	1.58033	1.58033
cg22559669	TSPAN5	0.00822154	0.00661917	1.74069	1.74069	0.915261	0.983403	-1.01688	0.282603	0.838982	-1.19192	0.169565	1.25871	1.25871	0.778083	0.956545	-1.04543
cg04854098	TSPAN5	0.00829511	0.826498	0.883718	-1.13158	0.00011566	0.0222354	-44.9734	0.259694	0.51577	-1.93885	0.531929	1.42836	1.42836	0.169008	0.438155	-2.2823
cg21467697	TSPAN5	0.0090471	0.496591	0.806709	-1.23961	0.200351	1.52335	1.52335	0.0343727	2.15534	2.15534	0.0980894	1.75878	1.75878	0.115324	0.587002	-1.70357
cg18823647	TSPAN5	0.0167804	0.0264037	1.71179	1.71179	0.386233	0.834132	-1.19885	0.0353326	1.6494	1.6494	0.0108469	1.92172	1.92172	0.24852	0.781688	-1.27928
cg13859212	TSPAN5	0.0291154	0.0126586	0.759379	-1.31687	0.0265269	1.26309	1.26309	0.0780204	1.18995	1.18995	0.95359	1.00518	1.00518	0.831181	0.981218	-1.01914
cg25081128	TSPAN5	0.0399243	0.103147	1.9622	1.9622	0.0640787	2.19633	2.19633	0.22757	1.61434	1.61434	0.184998	1.70152	1.70152	0.140361	1.82165	1.82165
cg20616060	TSPAN5	0.0433809	0.0667306	0.381362	-2.62218	0.00635181	0.189002	-5.29096	0.890371	1.06681	1.06681	0.717604	1.18569	1.18569	0.0841973	0.40823	-2.4496
cg18813387	TSPAN6	0.00117145	0.528143	1.12331	1.12331	0.0609642	1.46849	1.46849	0.0678555	1.45079	1.45079	0.4576	1.14754	1.14754	0.00235346	0.462037	-2.16433
cg05190516	TSPAN6	0.00847343	0.00035473	0.0398645	-25.085	0.0904659	0.350622	-2.85208	0.54298	1.41332	1.41332	0.189611	2.18281	2.18281	0.0616824	3.26228	3.26228
cg06309822	TSPAN6	0.0149136	0.485677	1.23297	1.23297	0.000210068	6.24967	6.24967	0.346012	0.750597	-1.33227	0.994036	1.00221	1.00221	0.816533	0.933606	-1.07112
cg01473187	TSPAN6	0.0184883	0.0162911	0.27283	-3.66528	0.0101708	0.238555	-4.19191	0.694196	0.839688	-1.19092	0.178943	0.531878	-1.88013	0.00677516	0.211872	-4.71984
cg25569203	TSPAN6	0.0203313	0.928917	1.04136	1.04136	0.00251555	0.148691	-6.72538	0.056311	0.374665	-2.66905	0.493498	0.729148	-1.37146	0.00243122	0.147041	-6.80084
cg21758446	TSPAN8	0.00166552	0.00322516	0.228465	-4.37704	0.150484	0.567697	-1.7615	0.00579334	0.265036	-3.77307	0.00654539	0.273155	-3.66092	0.00462754	0.250549	-3.99123
cg13355032	TSPAN8	0.0109733	0.00257535	0.466585	-2.14323	0.020791	0.601908	-1.66138	0.00322237	0.48036	-2.08177	0.506544	1.13082	1.13082	0.010108	0.55323	-1.80757
cg15684563	TSPAN8	0.0133413	0.0150188	0.489626	-2.04237	0.370446	0.802757	-1.24571	0.00626671	0.427067	-2.34155	0.044261	0.575799	-1.73672	0.00259749	0.369063	-2.70957
cg27304204	TSPAN8	0.0164821	0.0169979	0.419264	-2.38513	0.657024	1.14279	1.14279	0.0100708	0.379108	-2.63777	0.00858656	0.367453	-2.72144	0.00719488	0.35482	-2.81833
cg14731391	TSPAN8	0.0238333	0.0765103	0.51411	-1.94511	0.0189413	0.383065	-2.61052	0.0156047	0.367456	-2.72141	0.161938	0.603955	-1.65575	0.00196744	0.228309	-4.38002
cg00081935	TSPAN9;TSPAN9	0.000108599	0.000938606	1.538	1.538	0.0967824	0.853002	-1.17233	0.00224294	0.688546	-1.45234	0.576863	0.952026	-1.05039	0.606746	1.04632	1.04632
cg08124721	TSPAN9;TSPAN9	0.00142573	0.000207939	0.599112	-1.66914	0.245692	0.904664	-1.10538	0.0112098	0.769333	-1.29983	0.524899	0.948221	-1.05461	0.327162	0.919918	-1.08705

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15526671	0.128478	0.392777	-2.54597	0.00775499	0.143011	-6.99249	0.00862586	0.148847	-6.71831	0.136033	0.40106	-2.4934	4.18229	21.4272	4.55405	1
cg23627038	0.628083	0.942385	-1.06114	0.0277194	1.37208	1.37208	0.960426	0.993986	-1.00605	0.0461742	0.757519	-1.3201	12.0366	2.81705	0.208036	1
cg16969077	0.227683	1.26745	1.26745	0.194531	1.29285	1.29285	0.237637	1.26053	1.26053	0.73529	1.06557	1.06557	7.1811	3.98389	0.493133	1
cg22032706	0.0786214	0.332963	-3.00334	0.00214452	0.0882809	-11.3275	0.00946778	0.157069	-6.36664	0.0836521	0.340318	-2.93843	6.26164	31.4328	4.46213	1
cg06196828	0.0518658	0.378809	-2.63985	0.00204996	0.148647	-6.72733	0.105678	0.460465	-2.17172	0.0433375	0.360716	-2.77227	5.08625	15.5091	2.71042	1
cg05611805	0.955791	0.992326	-1.00773	0.163438	0.81328	-1.22959	0.407615	0.888957	-1.12491	0.565153	0.922377	-1.08415	4.75611	1.4545	0.271838	1
cg05628818	0.916623	1.06141	1.06141	0.619526	1.32958	1.32958	0.756707	0.837895	-1.19347	0.708812	1.23801	1.23801	4.22271	21.6617	4.55984	1
cg26340461	0.821883	0.974398	-1.02627	0.0184295	0.719744	-1.38938	0.436228	1.09566	1.09566	0.487357	1.08455	1.08455	3.58175	0.750492	0.186251	1
cg13983870	0.599183	0.927187	-1.07853	0.273847	1.17623	1.17623	0.0661619	0.745431	-1.34151	0.0035014	1.75881	1.75881	4.37876	1.40921	0.28607	1
cg18845801	0.976215	0.996737	-1.00327	3.49E-05	0.416149	-2.40298	0.166455	0.850657	-1.17556	0.249168	1.14116	1.14116	9.41641	1.79242	0.169201	1
cg12567315	0.872803	1.01705	1.01705	0.000517058	0.564683	-1.77091	0.0523228	0.792283	-1.26217	0.0353974	1.29492	1.29492	6.44984	1.13708	0.156707	1
cg24756756	0.873913	0.965417	-1.03582	0.00131878	0.354986	-2.81701	0.597313	0.888564	-1.12541	0.31236	1.26063	1.26063	3.55811	2.76778	0.691448	1
cg09626299	0.00659523	2.92712	2.92712	0.195133	1.51775	1.51775	0.00017692	6.92719	6.92719	0.114452	1.68665	1.68665	10.0534	14.7613	1.30514	1
cg12603476	0.0817067	0.843944	-1.18491	0.0137374	0.764964	-1.30725	0.0171122	1.29121	1.29121	0.528905	1.05771	1.05771	8.94409	1.09557	0.10888	1
cg03293884	0.0377204	0.276095	-3.62194	0.993806	0.995864	-1.00415	0.79003	0.867178	-1.15317	0.630642	0.77205	-1.29525	6.66712	26.7649	4.01446	1
cg16988611	0.631958	0.888619	-1.12534	0.782844	1.06995	1.06995	0.39844	1.2356	1.2356	0.000799073	3.45182	3.45182	5.50219	5.218	0.842978	1
cg11411705	0.416305	1.21453	1.21453	0.0724516	1.59827	1.59827	0.0441947	1.7174	1.7174	0.0618143	0.611368	-1.63568	3.83525	3.32445	0.770501	1
cg06791973	0.820363	1.07026	1.07026	0.57373	0.843919	-1.18495	0.512518	1.21932	1.21932	0.808937	0.930233	-1.075	7.88765	11.1338	1.25471	1
cg12610070	0.159665	1.65496	1.65496	0.0468779	2.14421	2.14421	0.000990506	5.15874	5.15874	0.0374853	2.24643	2.24643	5.93548	10.5666	1.58245	1
cg18382422	0.87739	0.96587	-1.03534	0.00495805	0.433088	-2.309	0.00661165	2.21009	2.21009	0.847247	0.957549	-1.04433	5.63499	4.51515	0.71224	1
cg03783925	0.536417	0.819675	-1.22	0.00617826	0.321645	-3.10902	0.148705	0.61143	-1.63551	0.922108	0.969413	-1.03155	4.42389	7.06844	1.42026	1
cg14388049	0.198511	1.77777	1.77777	0.0977765	2.15794	2.15794	0.00248601	5.9309	5.9309	0.0962305	2.16714	2.16714	3.89017	11.046	2.52397	1
cg26465120	0.000236563	0.363749	-2.74915	0.0271194	0.64774	-1.54383	0.179059	0.789025	-1.26739	0.28494	1.20248	1.20248	6.57996	2.87203	0.387984	1
cg01422017	0.000784271	0.430079	-2.32515	0.000180242	0.348741	-2.86746	1.76E-05	0.232307	-4.30465	0.000444271	0.398047	-2.51227	31.1637	13.6287	0.388736	1
cg27159916	0.196223	0.775798	-1.289	0.983226	1.00391	1.00391	0.199237	0.777267	-1.28656	0.015325	0.575262	-1.73834	16.8823	9.22682	0.48581	1
cg03350993	0.0300057	0.425369	-2.3509	0.00655027	0.306441	-3.26327	0.498096	1.259	1.259	0.131186	0.57942	-1.72586	5.67364	10.0761	1.57862	1
cg03263792	0.051603	0.442015	-2.26237	0.019826	0.354673	-2.8195	0.073601	0.479499	-2.08551	0.289956	0.667154	-1.4989	4.17408	8.9772	1.91173	1
cg22380849	0.403076	1.10533	1.10533	0.00417947	1.56696	1.56696	0.248499	0.868335	-1.15163	0.910324	0.986901	-1.01327	4.60822	0.99961	0.192817	1
cg25382751	0.666083	0.933539	-1.07119	0.177551	0.796932	-1.25481	0.00493571	0.554431	-1.80365	0.00502288	0.555482	-1.80024	9.29504	3.69387	0.353247	1
cg21120116	0.771246	0.923742	-1.08255	0.300829	1.3387	1.3387	0.693814	1.11367	1.11367	0.312812	1.32852	1.32852	8.25593	9.68007	1.04222	1
cg04543600	0.0226978	0.596702	-1.67588	0.00225925	0.445316	-2.2456	0.224029	0.78521	-1.27355	0.284896	0.81036	-1.23402	6.39422	3.62909	0.504496	1
cg08736421	0.0313641	0.598571	-1.67065	0.250265	0.78334	-1.27658	0.256305	0.785975	-1.27231	0.428922	1.17837	1.17837	5.99674	3.92341	0.581562	1
cg13367929	0.0222104	0.456702	-2.18961	0.000438073	0.204271	-4.89546	0.319289	0.745086	-1.34213	0.596082	0.858181	-1.16526	5.50165	7.12231	1.15074	1
cg04234318	0.811136	1.03058	1.03058	0.027428	0.720155	-1.38859	0.119281	1.23706	1.23706	0.350258	0.886043	-1.12861	4.66142	1.16906	0.22293	1
cg03474795	0.355725	1.14651	1.14651	0.0237386	0.678081	-1.47475	0.895624	1.01907	1.01907	0.627507	0.932046	-1.07291	4.30388	1.41183	0.291588	1
cg15576669	0.0664395	1.18859	1.18859	0.00111622	1.49624	1.49624	0.0440387	0.823484	-1.21435	0.00941006	0.758584	-1.31825	11.1281	1.24159	0.0991755	1
cg07524505	0.0493504	1.28306	1.28306	0.00491301	1.51298	1.51298	0.26952	0.88006	-1.13629	0.142863	1.19122	1.19122	7.69048	1.50378	0.173812	1
cg25719876	0.277233	0.84907	-1.17776	0.286289	1.1739	1.1739	0.304848	1.16631	1.16631	0.0112934	0.631658	-1.58313	5.49643	1.82485	0.295118	1
cg18395231	0.0456355	0.382038	-2.61754	0.0026333	0.174146	-5.74232	0.00601177	0.221539	-4.51387	0.238901	0.595784	-1.67846	4.86615	13.5862	2.48176	1
cg20968743	0.811734	1.13796	1.13796	0.00464354	0.130121	-7.68515	0.747195	1.19145	1.19145	0.06491	0.325402	-3.07312	4.7944	22.2741	4.12966	1
cg23500396	0.587672	1.10842	1.10842	0.0526036	1.51336	1.51336	0.771126	1.05638	1.05638	0.0587997	0.669432	-1.4938	4.47933	2.50819	0.497732	1
cg03236627	0.514584	1.18966	1.18966	0.076944	1.67674	1.67674	0.590548	1.15342	1.15342	0.454318	0.818498	-1.22175	4.38756	4.79854	0.972151	1
cg07441608	0.362887	0.658883	-1.51772	0.0142859	0.25976	-3.84971	0.00680321	0.209203	-4.78005	0.0838079	0.42586	-2.34819	4.34068	13.6836	2.80214	1
cg11972564	0.859408	1.06968	1.06968	0.00644648	3.84174	3.84174	0.0168283	3.02878	3.02878	0.163278	1.76	1.76	4.23974	9.69198	2.03199	1
cg24681086	0.191489	1.47652	1.47652	0.0932636	1.68249	1.68249	0.422847	1.25947	1.25947	0.778526	1.08269	1.08269	3.5109	4.41549	1.11791	1
cg00015343	0.976532	1.00471	1.00471	0.00261687	0.514171	-1.94488	0.0892332	0.74146	-1.34869	0.955502	0.991133	-1.00895	3.48271	1.40534	0.358684	1
cg12730562	0.163782	0.770069	-1.29858	0.0143946	1.69961	1.69961	0.0894957	0.71951	-1.38983	0.139384	0.756018	-1.32272	7.32911	3.58853	0.435225	1
cg17260660	0.456097	0.892979	-1.11985	0.00913823	1.63849	1.63849	0.0584962	0.727047	-1.37543	0.0635107	0.732613	-1.36498	7.26053	2.55713	0.313063	1
cg06401614	0.0551436	0.524835	-1.90536	0.0731406	0.552911	-1.80861	0.020904	0.438625	-2.27985	0.0390276	0.492468	-2.03059	6.31254	8.78929	1.23765	1
cg17162355	0.0538325	0.387273	-2.58216	0.00884209	0.235941	-4.23835	0.00188265	0.148147	-6.75003	0.134672	0.497141	-2.0115	5.35675	15.9299	2.64338	1
cg25749341	0.45258	1.18636	1.18636	0.783925	1.06331	1.06331	0.00117698	0.345411	-2.8951	0.713625	0.920983	-1.0858	3.78008	2.98565	0.702079	1
cg10379050	0.253767	1.37251	1.37251	0.431393	1.23782	1.23782	0.916285	0.972452	-1.02833	0.440898	1.2322	1.2322	3.9576	4.42428	0.993705	1
cg26345971	0.356837	0.791318	-1.26371	0.174945	0.700251	-1.42806	0.606817	0.879671	-1.13679	0.731492	0.918446	-1.0888	3.71792	3.59184	0.858746	1
cg20080079	0.00402734	0.350289	-2.85479	0.196285	1.44918	1.44918	0.2123	1.42862	1.42862	0.0520106	1.82251	1.82251	8.60592	8.93174	1.03786	1
cg13239252	0.526983	1.11474	1.11474	0.000936178	0.433115	-2.30886	0.179918	1.27296	1.27296	0.272331	1.21364	1.21364	6.67706	3.03675	0.404269	1
cg06583108	0.235157	0.665202	-1.5033	0.279232	0.691715	-1.44568	0.0353981	2.23132	2.23132	0.994336	0.997677	-1.00233	3.83431	6.51868	1.51119	1
cg01553935	0.0375585	0.424804	-2.35402	0.00243906	0.223875	-4.46678	0.886143	0.950434	-1.05215	0.18114	0.604256	-1.65493	8.03776	16.0274	1.77245	1
cg06043114	1.46E-06	0.327745	-3.05116	0.581228	0.950445	-1.05214	0.996849	1.00036	1.00036	0.271432	1.1101	1.1101	23.6817	3.12152	0.117166	1
cg17147537	0.0312205	0.571208	-1.75068	0.374021	1.22403	1.22403	0.0144059	0.512657	-1.95062	0.0131061	0.505807	-1.97704	11.3988	8.85952	0.690875	1
cg25102417	0.0898053	0.81693	-1.22409	0.000816489	1.72562	1.72562	0.137658	0.841249	-1.18871	0.440938	0.918539	-1.08869	7.04554	1.3046	0.164593	1
cg09811183	0.21798	1.44431	1.44431	0.377242	0.773343	-1.29309	0.0342917	2.01484	2.01484	0.190134	0.674597	-1.48237	4.23302	5.39534	1.13296	1
cg24538626	0.908981	0.970072	-1.03085	9.66E-06	0.0795776	-12.5664	0.130516	1.5432	1.5432	0.116597	1.57303	1.57303	13.2946	14.863	0.993752	1
cg10018778	0.249609	0.869623	-1.14992	9.06E-05	0.443732	-2.25361	0.337525	0.891552	-1.12164	0.0110088	0.690523	-1.44818	11.9737	2.5561	0.189757	1
cg22490255	0.468751	1.11116	1.11116	0.00349996	0.567561	-1.76192	0.162671	1.23752	1.23752	0.184705	1.22281	1.22281	4.46333	1.44522	0.287822	1
cg24502192	0.00354117	0.19978	-5.00551	0.0182236	0.311068	-3.21473	0.015879	0.300163	-3.33153	0.120677	0.503726	-1.98521	4.33104	11.3856	2.33674	1
cg20011998	0.455559	0.882796	-1.13276	0.0168403	0.619792	-1.61344	0.543931	1.10601	1.10601	0.228263	1.23051	1.23051	3.96308	1.68875	0.378774	1
cg15357934	0.0422095	0.458096	-2.18295	0.0181525	0.384055	-2.6038	0.0291794	0.424282	-2.35692	0.313134	0.706079	-1.41627	3.79854	6.69469	1.56661	1
cg14988628	0.276265	1.13196	1.13196	0.111655	1.20879	1.20879	0.00528845	0.668735	-1.49536	0.000152146	0.4911	-2.03625	17.6701	3.35221	0.168632	1
cg09785033	0.0329391	0.236331	-4.23136	0.00723474	0.134784	-7.41929	0.0392206	0.251651	-3.97375	0.470417	0.654014	-1.52902	4.044	21.4183	4.70784	1
cg03983837	0.00496817	0.559879	-1.7861	0.0592294	0.717356	-1.39401	0.668734	0.935069	-1.06944	0.0772994	0.736157	-1.35841	6.4338	2.47869	0.342453	1
cg14020320	0.116831	0.71855	-1.39169	0.083615	1.44986	1.44986	0.0442859	1.56551	1.56551	0.243385	0.789147	-1.26719	6.25353	3.72734	0.529812	1
cg18081375	0.0203507	0.290423	-3.44326	0.011673	0.248212	-4.02881	0.0440996	0.359619	-2.78072	0.0836349	0.42888	-2.33165	3.82696	11.8492	2.75221	1
cg05572370	0.728962	1.08628	1.08628	0.0389577	1.7658	1.7658	0.644871	0.895465	-1.11674	0.0520565	0.591096	-1.69177	3.47565	3.11554	0.796791	1
cg11303670	0.533206	1.06679	1.06679	0.00256034	0.651463	-1.53501	0.0865668	0.82371	-1.21402	0.607264	1.05455	1.05455	6.3324	1.05255	0.147748	1
cg13219896	0.503567	0.833483	-1.19978	0.102063	1.61634	1.61634	0.592874	1.15583	1.15583	0.323986	0.760844	-1.31433	4.72246	5.38516	1.01363	1
cg16703934	0.097446	0.470088	-2.12726	0.0134098	0.280574	-3.56412	0.437862	0.720035	-1.38882	0.0177996	0.302451	-3.30632	4.0651	11.0909	2.42518	1
cg05922972	0.822592	0.951198	-1.05131	?	?	?	0.00342893	0.412394	-2.42487	0.0453962	0.599696	-1.66751	16.4397	10.0524	0.698825	1
cg19373938	0.071099	0.498635	-2.00547	0.00108309	0.189173	-5.28616	0.281165	0.679357	-1.47198	0.0197338	0.378368	-2.64293	6.4461	12.1622	1.67711	1
cg12068969	0.0897051	0.788533	-1.26818	0.00572453	1.58419	1.58419	0.985081	0.997628	-1.00238	0.0222788	1.41607	1.41607	4.46788	1.14128	0.227059	1
cg11173246	0.115732	0.382948	-2.61132	0.008844	0.153979	-6.49439	0.0114736	0.169392	-5.90346	0.0778882	0.332906	-3.00385	3.5638	17.7886	4.43686	1
cg16425592	0.198562	1.52545	1.52545	0.0378967	2.11316	2.11316	0.0367854	0.47051	-2.12536	0.668806	0.874805	-1.14311	21.6047	33.0542	1.35996	1
cg23127064	0.114567	1.18123	1.18123	0.50081	1.06856	1.06856	0.530228	0.94016	-1.06365	0.0424066	1.25462	1.25462	5.61551	0.837618	0.132588	1
cg26071135	0.232835	1.43778	1.43778	0.0137741	0.413244	-2.41988	0.356351	0.759315	-1.31698	0.0466656	1.93697	1.93697	5.24032	6.9911	1.18586	1
cg13104938	0.061399	1.75272	1.75272	0.0596603	0.567836	-1.76107	0.140333	0.655472	-1.52562	0.56666	1.16675	1.16675	3.61046	4.05427	0.998155	1
cg01636582	0.00628148	0.534356	-1.87141	0.00327748	0.493891	-2.02474	0.00420313	0.509214	-1.96381	0.00219426	0.469543	-2.12973	14.2531	6.99505	0.436243	1
cg15437031	0.00834751	0.431974	-2.31495	0.00221631	0.343815	-2.90854	0.00430604	0.386524	-2.58716	0.0348357	0.541993	-1.84504	9.68111	9.50817	0.873011	1
cg14139652	0.464827	0.840715	-1.18946	0.0479317	0.590129	-1.69455	0.000853714	0.310799	-3.21751	0.0208382	0.52271	-1.91311	7.64842	6.58955	0.765829	1
cg07047068	0.0392706	0.422308	-2.36794	0.00350357	0.238965	-4.18471	0.00650389	0.278524	-3.59035	0.00434382	0.252226	-3.96469	6.62573	13.7074	1.83895	1
cg24134897	0.0293939	0.278523	-3.59037	0.0350964	0.294295	-3.39795	0.0147464	0.224185	-4.4606	0.623104	0.781295	-1.27993	3.95286	15.5412	3.49478	1
cg12464638	0.625198	0.85507	-1.16949	0.0781629	0.53666	-1.86338	0.959597	1.01624	1.01624	0.123953	0.588698	-1.69866	3.93501	6.30339	1.42389	1
cg27639620	0.0138131	0.732357	-1.36545	0.978278	1.00279	1.00279	0.452405	0.924632	-1.08151	0.235228	1.13581	1.13581	3.75699	0.623446	0.147505	1
cg14277925	0.129607	0.26743	-3.73929	0.0241141	0.114603	-8.72574	0.00732431	0.0617442	-16.1958	0.0322078	0.132594	-7.54182	3.72824	34.0505	9.13313	1
cg16151451	0.526099	1.18681	1.18681	0.044698	0.540939	-1.84864	0.18213	0.685536	-1.45871	0.817092	0.940101	-1.06372	3.45925	3.89432	1.00068	1
cg20171011	0.0780035	0.329166	-3.03798	0.310484	0.551306	-1.81388	0.508434	1.46325	1.46325	0.0341316	0.245889	-4.06687	3.4028	17.3521	4.53276	1
cg08057037	0.389855	0.873198	-1.14522	0.021501	1.52955	1.52955	0.968132	1.00617	1.00617	0.884398	0.977861	-1.02264	3.3951	1.27328	0.333364	1
cg19303748	0.163378	1.43305	1.43305	0.000826522	0.295796	-3.38071	0.0628946	0.60283	-1.65884	0.456683	0.83248	-1.20123	5.52368	5.11794	0.823595	1
cg16692732	0.00366647	0.597357	-1.67404	0.454595	1.10505	1.10505	0.028233	1.40461	1.40461	0.415707	0.896643	-1.11527	128.782	35.0796	0.242128	1
cg22031466	0.570247	1.06656	1.06656	0.000756852	1.77453	1.77453	0.65176	0.95025	-1.05235	0.0168743	0.720776	-1.38739	11.2339	2.24464	0.177608	1
cg00398880	0.856986	1.03557	1.03557	0.360992	0.833665	-1.19952	0.193831	1.30517	1.30517	0.357106	0.832365	-1.2014	9.72978	5.78357	0.528373	1
cg04964397	0.00304446	0.206234	-4.84885	0.838667	0.92378	-1.08251	0.722317	1.14885	1.14885	0.454547	0.743603	-1.3448	7.73509	18.528	2.12917	1
cg22404125	0.0654069	0.470366	-2.126	0.0430476	0.427832	-2.33737	0.158349	0.576969	-1.73319	0.0176173	0.34884	-2.86664	6.77403	14.2694	1.87243	1
cg08915024	0.001994	2.16736	2.16736	0.000530137	2.60208	2.60208	0.120377	1.34793	1.34793	0.322758	1.19843	1.19843	6.48442	3.22566	0.442176	1
cg22559669	0.128196	1.2951	1.2951	0.00211734	0.506922	-1.97269	0.0920609	0.747065	-1.33857	0.0236621	1.52926	1.52926	6.2898	2.46312	0.348094	1
cg04854098	0.355134	0.585292	-1.70855	0.0940673	0.354649	-2.81969	0.0840735	0.340842	-2.93391	0.769373	1.18005	1.18005	6.27215	31.4993	4.46408	1
cg21467697	0.0593612	1.93927	1.93927	0.0411944	2.08114	2.08114	0.000418831	5.70016	5.70016	0.109866	1.71997	1.71997	6.10226	9.35785	1.36312	1
cg18823647	0.42486	1.18105	1.18105	0.0222193	0.571402	-1.75008	0.147748	0.728253	-1.37315	0.107725	1.43104	1.43104	4.99113	3.2956	0.586925	1
cg13859212	0.257779	1.11058	1.11058	0.372335	1.08475	1.08475	0.172875	1.1375	1.1375	0.0106064	1.33034	1.33034	4.13043	0.516012	0.111048	1
cg25081128	0.122618	1.88237	1.88237	0.00363912	4.42577	4.42577	0.00583184	3.91566	3.91566	0.0789729	2.09072	2.09072	3.68571	8.34497	2.01257	1
cg20616060	0.294914	1.66429	1.66429	0.351044	0.637563	-1.56847	0.0398477	3.04724	3.04724	0.819696	0.898466	-1.11301	3.5741	12.4485	3.09597	1
cg18813387	0.000531811	0.374838	-2.66782	0.197917	0.780681	-1.28093	0.000648347	0.386081	-2.59013	0.0104469	0.556269	-1.79769	11.2488	5.89718	0.466	1
cg05190516	0.0723612	0.324146	-3.08503	0.608481	1.33679	1.33679	0.965175	0.975769	-1.02483	0.350928	1.71495	1.71495	6.23018	31.1457	4.4437	1
cg06309822	0.72672	0.901475	-1.10929	0.878378	0.955741	-1.04631	0.601219	0.855654	-1.1687	0.353847	1.32577	1.32577	5.1906	7.18392	1.23024	1
cg01473187	0.0682623	0.405463	-2.46631	0.00761917	0.219327	-4.5594	0.0108859	0.243268	-4.11069	0.0554139	0.382866	-2.61188	4.83139	14.9612	2.75258	1
cg25569203	0.477832	0.720501	-1.38792	0.452129	0.706133	-1.41616	0.862058	0.924041	-1.0822	0.023532	0.292684	-3.41665	4.67835	15.2882	2.90477	1
cg21758446	0.00253694	0.214562	-4.66066	0.000127689	0.0864642	-11.5655	0.314432	0.682376	-1.46547	0.00621421	0.269679	-3.70811	10.1679	21.7333	1.89996	1
cg13355032	0.907346	0.978985	-1.02147	0.386143	1.17594	1.17594	0.811053	0.957251	-1.04466	0.919783	0.981792	-1.01855	5.737	3.02361	0.468477	1
cg15684563	0.117539	0.666259	-1.50092	0.00732469	0.437843	-2.28392	0.79237	1.06505	1.06505	0.0345789	0.555072	-1.80157	5.38433	4.86618	0.803348	1
cg27304204	0.031416	0.470559	-2.12513	0.0128052	0.397164	-2.51785	0.106361	0.590578	-1.69326	0.269018	0.709063	-1.41031	5.0211	7.09353	1.25577	1
cg14731391	0.699142	0.877101	-1.14012	0.0140839	0.359404	-2.78238	0.594427	0.834054	-1.19896	0.16282	0.60468	-1.65377	4.43008	7.99956	1.6051	1
cg00081935	0.287652	1.10107	1.10107	3.58E-06	0.38741	-2.58124	0.699677	0.966758	-1.03439	0.0855538	1.18028	1.18028	21.657	2.60911	0.107088	1
cg08124721	0.313503	0.917575	-1.08983	0.00221166	1.42464	1.42464	0.0079594	0.755219	-1.32412	0.0659705	1.18557	1.18557	10.6338	1.14681	0.0958633	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20162381	TSPAN9;TSPAN9	0.0031827	0.470457	0.803079	-1.24521	0.718969	1.11397	1.11397	0.731946	1.10816	1.10816	0.000134522	7.21009	7.21009	0.322043	0.736714	-1.35738
cg22779972	TSPAN9;TSPAN9	0.00334055	0.000748489	0.0942456	-10.6106	0.0748005	0.39999	-2.50006	0.561403	1.31146	1.31146	0.855513	1.08781	1.08781	0.000694702	0.0916728	-10.9084
cg21448167	TSPAN9;TSPAN9	0.00430657	0.234447	2.54324	2.54324	0.000356868	100.849	100.849	0.000710403	61.1699	61.1699	0.416621	1.85768	1.85768	0.828504	1.17508	1.17508
cg07303577	TSPAN9;TSPAN9	0.00457552	0.00754301	0.437464	-2.2859	0.341436	1.26585	1.26585	0.0116685	0.468612	-2.13396	0.359773	0.797369	-1.25412	0.00614728	0.423308	-2.36235
cg08125202	TSPAN9;TSPAN9	0.0132714	0.161636	1.30289	1.30289	0.23451	0.802037	-1.24683	0.0139367	1.71203	1.71203	0.00555694	0.524733	-1.90573	0.066986	0.695251	-1.43833
cg21303763	TSPAN9;TSPAN9	0.0140364	0.018554	0.666488	-1.5004	0.508491	1.10002	1.10002	0.217603	0.831652	-1.20243	0.0580943	1.35582	1.35582	0.00218211	1.84214	1.84214
cg20164964	TSPAN9;TSPAN9	0.0162694	0.0235187	0.47349	-2.11198	0.568418	0.852722	-1.17272	0.119081	0.626568	-1.596	0.869296	0.955507	-1.04656	0.000658285	0.2364	-4.23012
cg24409870	TSPAN9;TSPAN9	0.0166697	0.0171384	0.386112	-2.58992	0.209033	0.648074	-1.54303	0.929718	0.971518	-1.02932	0.909319	1.03803	1.03803	0.00762308	0.325047	-3.07648
cg16924822	TSPAN9;TSPAN9	0.0208637	0.318965	1.1722	1.1722	0.942284	0.988892	-1.01123	0.151466	1.26756	1.26756	0.21911	0.819245	-1.22064	0.718524	1.05742	1.05742
cg24732702	TSPAN9;TSPAN9	0.021644	0.0196138	0.553548	-1.80653	0.694451	1.08633	1.08633	0.0968397	0.682308	-1.46561	0.841761	0.958942	-1.04282	0.00819981	0.491911	-2.03289
cg15724985	TSPAN9;TSPAN9	0.024452	0.116291	0.796938	-1.2548	0.340859	1.13944	1.13944	0.76843	1.04005	1.04005	0.59347	0.930849	-1.07429	0.310824	1.14965	1.14965
cg23443327	TSPAN9;TSPAN9	0.0277356	0.0441142	0.295747	-3.38127	0.00409664	0.131494	-7.60492	0.0949446	0.38038	-2.62895	0.186375	0.478125	-2.0915	0.0168456	0.215226	-4.64628
cg09041268	TSPAN9;TSPAN9	0.0302607	0.153141	0.871967	-1.14683	0.720594	1.03269	1.03269	0.152625	0.871796	-1.14706	?	?	?	0.000677253	0.627944	-1.5925
cg25030514	TSPAN9;TSPAN9	0.0314375	0.0102791	0.475883	-2.10136	0.666351	0.905202	-1.10473	0.0306167	1.79179	1.79179	0.806337	1.05802	1.05802	0.00690461	0.448046	-2.23191
cg19182035	TSPAN9;TSPAN9	0.0381365	0.963378	1.0115	1.0115	0.374781	0.797036	-1.25465	0.307279	0.768597	-1.30107	0.687382	1.10599	1.10599	0.239809	1.35867	1.35867
cg05089427	TSPO2;TSPO2	0.0021591	0.201465	0.6577	-1.52045	0.297083	0.714777	-1.39904	0.000472713	0.18164	-5.5054	0.636497	0.862542	-1.15936	0.000108368	0.12014	-8.32361
cg22801217	TSPO2;TSPO2;TSPO2	0.0242443	0.198207	0.726229	-1.37698	0.364272	0.803072	-1.24522	0.0991375	0.653599	-1.52999	0.331218	0.789912	-1.26596	0.0320869	0.553974	-1.80514
cg22815409	TSPO2;TSPO2;TSPO2	0.026854	0.0927611	0.579747	-1.72489	0.337432	0.747161	-1.3384	0.0186132	0.431354	-2.31828	0.655198	0.875927	-1.14165	0.00169713	0.266745	-3.74889
cg00343092	TSPO;TSPO	0.00608989	0.000457653	0.179152	-5.58187	0.0626586	0.520625	-1.92077	0.00617874	0.328661	-3.04265	0.238139	0.680447	-1.46962	0.00665981	0.333854	-2.99532
cg26131049	TSPO;TSPO	0.00613721	0.00101241	0.110964	-9.01195	0.0231618	0.307488	-3.25216	0.491462	0.743986	-1.34411	0.222886	1.72445	1.72445	0.425786	0.708598	-1.41124
cg01678833	TSPO;TSPO	0.00801173	0.740194	1.08672	1.08672	0.0224778	0.505023	-1.98011	0.874456	0.961257	-1.0403	0.00828099	0.43013	-2.32488	0.000711806	0.275725	-3.6268
cg10822314	TSPO;TSPO	0.024604	0.206737	0.791988	-1.26264	0.047589	1.48706	1.48706	0.166066	1.29518	1.29518	0.509451	0.88941	-1.12434	0.333995	0.839871	-1.19066
cg25705492	TSPY4	3.72E-05	0.599495	1.07629	1.07629	1.89E-05	0.199655	-5.00864	?	?	?	2.24E-06	0.0982752	-10.1755	?	?	?
cg06587955	TSPY4	0.0136077	0.434257	1.66229	1.66229	?	?	?	0.00062473	51.9653	51.9653	?	?	?	?	?	?
cg08635406	TSPY4;FAM197Y2;TSPY4	0.0207353	0.29552	0.652278	-1.53309	0.226525	0.606437	-1.64898	0.0500515	0.414739	-2.41116	0.000503931	0.117422	-8.51627	0.301957	0.656244	-1.52382
cg07939445	TSPYL1;DSE	0.00025721	0.000357545	0.204838	-4.88191	0.0715357	0.572942	-1.74538	0.101538	0.608851	-1.64244	0.270637	1.37362	1.37362	7.47E-05	0.136579	-7.32179
cg00611548	TSPYL1;DSE	0.0256129	0.422914	0.789304	-1.26694	0.00952348	0.387018	-2.58386	0.562866	0.844433	-1.18423	0.0200836	0.444539	-2.24952	0.331062	0.748346	-1.33628
cg18597292	TSPYL1;DSE;DSE	0.00399382	5.84E-05	0.0530951	-18.8341	0.353694	1.45675	1.45675	0.649482	0.834943	-1.19769	0.0672298	0.445472	-2.24481	0.505957	1.30484	1.30484
cg06766636	TSPYL1;TSPYL1	0.0324204	0.157631	0.657896	-1.52	0.671486	0.888505	-1.12549	0.101104	1.64465	1.64465	0.0674487	1.76438	1.76438	0.0138197	0.430341	-2.32374
cg27395754	TSPYL2	0.0211726	0.0532096	2.02567	2.02567	0.992536	1.00301	1.00301	0.239175	1.4861	1.4861	0.00338506	0.277862	-3.59891	0.0563919	0.499421	-2.00232
cg14397820	TSPYL2	0.0221734	0.898962	0.948309	-1.05451	0.341081	1.50666	1.50666	0.365701	1.47448	1.47448	0.695177	0.84829	-1.17884	0.825252	1.09679	1.09679
cg11555315	TSPYL2	0.0235252	0.102729	0.54166	-1.84618	0.00224166	0.230037	-4.34714	0.543461	0.809613	-1.23516	0.513571	1.25548	1.25548	0.0792406	0.512151	-1.95255
cg23612178	TSPYL2;TSPYL2	0.0287436	0.0051917	0.00635647	-157.32	0.911526	1.15683	1.15683	0.59648	2.01635	2.01635	0.200739	5.96601	5.96601	0.133652	8.54371	8.54371
cg22329555	TSPYL3	0.00122478	0.00425817	0.456301	-2.19154	0.0565769	1.55697	1.55697	0.00747898	2.02662	2.02662	0.013937	1.8646	1.8646	0.457511	1.16789	1.16789
cg26143577	TSPYL3	0.00127946	0.000399174	0.321639	-3.10907	0.134574	1.38376	1.38376	0.23173	1.28727	1.28727	0.015977	1.81103	1.81103	0.00255948	0.430755	-2.32151
cg03105222	TSPYL3	0.0152062	0.163355	0.84885	-1.17807	0.154734	1.18266	1.18266	0.456706	1.08708	1.08708	0.404796	1.09844	1.09844	0.000531707	0.552049	-1.81143
cg03959219	TSPYL4	3.49E-05	0.37173	0.946073	-1.057	1.03E-05	1.77	1.77	0.08138	1.12386	1.12386	0.000122174	0.666745	-1.49982	0.291915	1.06833	1.06833
cg04414860	TSPYL4	0.0317755	0.858993	0.957833	-1.04402	0.41096	1.22592	1.22592	0.00521549	2.44239	2.44239	0.223755	1.36297	1.36297	0.695761	0.909181	-1.09989
cg09538002	TSPYL4	0.0353386	0.0629519	5.18211	5.18211	0.469521	1.7837	1.7837	0.560544	1.5886	1.5886	0.329214	2.20766	2.20766	0.014644	0.094067	-10.6307
cg00470183	TSPYL4	0.0384047	0.0567557	0.633865	-1.57762	?	?	?	0.823945	1.04824	1.04824	0.0143186	1.89367	1.89367	0.501355	0.86564	-1.15521
cg18623476	TSPYL4;TSPYL4	0.00540521	0.00673338	0.428713	-2.33256	0.871791	1.0397	1.0397	0.0210937	1.95158	1.95158	0.980274	0.994058	-1.00598	0.142729	0.68402	-1.46195
cg22328208	TSPYL5	0.00387214	0.00725148	7.4176	7.4176	0.00483304	8.69056	8.69056	0.264928	1.95837	1.95837	0.960359	1.02917	1.02917	0.434083	1.5868	1.5868
cg01569173	TSPYL5	0.0149213	0.00886944	0.33071	-3.02379	0.25985	0.676743	-1.47767	0.0184303	0.386814	-2.58522	0.0822333	0.527509	-1.8957	0.0102899	0.341571	-2.92765
cg19653425	TSPYL5;TSPYL5	0.00649601	0.46342	1.09832	1.09832	0.00667307	1.55619	1.55619	0.362146	0.888967	-1.1249	0.868206	1.02109	1.02109	0.287957	0.870555	-1.14869
cg03455255	TSPYL6;ACYP2	0.000867623	0.913204	1.02154	1.02154	8.06E-05	0.248875	-4.01808	0.901347	0.976052	-1.02454	0.347533	0.827742	-1.20811	0.000241273	0.305069	-3.27795
cg04098176	TSPYL6;ACYP2	0.00476557	0.00430507	0.263818	-3.7905	0.314792	0.695694	-1.43741	0.0843339	0.513487	-1.94747	0.010725	0.32651	-3.0627	0.00217014	0.222703	-4.49029
cg12340519	TSPYL6;ACYP2	0.0466333	0.18564	0.628641	-1.59073	0.14783	1.67121	1.67121	0.0215927	0.401508	-2.49061	0.812355	0.924359	-1.08183	0.0232127	0.407601	-2.45338
cg13726962	TSPYL6;ACYP2;TSPYL6	0.00063247	0.0409834	0.661799	-1.51103	0.946949	1.01171	1.01171	0.254705	0.812091	-1.23139	0.198241	0.788215	-1.26869	6.32E-06	0.171284	-5.83827
cg00446807	TSR1	0.000102732	0.000121336	0.279177	-3.58196	0.907836	1.02226	1.02226	0.136458	0.737161	-1.35656	0.472358	1.14905	1.14905	7.84E-06	0.15538	-6.43584
cg00956010	TSR1;SGSM2;SGSM2	0.00144693	0.391487	1.10016	1.10016	0.712388	1.04108	1.04108	0.821407	0.975717	-1.02489	0.194054	1.16113	1.16113	0.260058	0.88009	-1.13625
cg18334121	TSR1;SNORD91A	0.0436944	0.413823	0.763857	-1.30914	0.366798	0.741593	-1.34845	0.738696	1.11399	1.11399	0.47981	0.793247	-1.26064	0.0268149	0.429226	-2.32978
cg06968038	TSR1;SNORD91A;SNORD91B	0.0215296	0.107956	0.405882	-2.46377	0.0385075	0.291581	-3.42958	0.11216	0.41097	-2.43327	0.642803	1.27139	1.27139	0.645636	0.788175	-1.26875
cg19477926	TSR1;SNORD91B	0.0345212	0.682856	1.05688	1.05688	0.305081	1.15377	1.15377	0.101535	0.785491	-1.27309	0.0246672	0.697461	-1.43377	0.339838	0.875912	-1.14167
cg22556056	TSR1;SRR	2.96E-05	0.277082	1.10706	1.10706	0.000777996	1.58003	1.58003	0.0977345	1.17758	1.17758	0.539941	1.05742	1.05742	5.54E-06	0.397218	-2.51751
cg25430696	TSR1;TSR1;SGSM2;SGSM2	0.00111326	0.927528	0.973132	-1.02761	0.000307339	5.77958	5.77958	0.393197	1.29934	1.29934	0.625778	1.15852	1.15852	0.892001	1.04151	1.04151
cg15961785	TSR1;TSR1;SGSM2;SGSM2	0.00312484	0.00595243	0.209283	-4.77822	0.721952	0.856075	-1.16812	0.324221	0.642248	-1.55703	0.423614	1.42679	1.42679	0.00176399	0.144068	-6.94119
cg21378393	TSR1;TSR1;SGSM2;SGSM2	0.0203832	0.00980493	0.361211	-2.76846	0.36582	1.33613	1.33613	0.0593183	1.94247	1.94247	0.0864035	0.553895	-1.8054	0.541182	0.824552	-1.21278
cg17914143	TSR2	0.000435538	0.00066202	0.11002	-9.08923	0.0444229	2.38269	2.38269	0.0553514	2.25402	2.25402	0.21946	1.59948	1.59948	0.00206259	0.169784	-5.88984
cg06069996	TSR2	0.0207749	0.0291351	0.371737	-2.69007	0.14227	0.549805	-1.81883	0.164541	0.570255	-1.7536	0.0557427	2.2908	2.2908	0.00199435	0.17686	-5.65418
cg11825763	TSR2	0.0297131	0.0251672	0.327351	-3.05483	0.000627746	0.110267	-9.06892	0.0772462	0.438735	-2.27928	0.653035	0.827137	-1.20899	0.220453	0.582579	-1.71651
cg18779595	TSR2	0.0384159	0.323331	0.665389	-1.50288	0.0527506	0.415069	-2.40924	0.18185	0.567823	-1.76111	0.682274	1.17866	1.17866	0.00260579	0.189095	-5.28834
cg17207346	TSSC1	2.30E-06	0.358472	1.16356	1.16356	0.679138	0.935448	-1.06901	0.655301	1.07474	1.07474	0.580364	1.09372	1.09372	1.70E-08	0.0309684	-32.2909
cg10288921	TSSC1	3.75E-06	0.124426	1.38475	1.38475	0.0203134	1.72876	1.72876	0.463482	1.15721	1.15721	0.178285	0.755891	-1.32294	3.58E-08	0.0211489	-47.2838
cg20144002	TSSC1	4.31E-06	8.94E-05	0.346473	-2.88623	3.57E-05	3.33749	3.33749	0.972264	0.994759	-1.00527	0.000442634	0.432396	-2.31269	3.95E-07	0.111848	-8.94067
cg10761085	TSSC1	1.82E-05	0.682781	0.96077	-1.04083	0.00920096	0.724653	-1.37997	0.358588	0.912155	-1.09631	0.133125	0.854011	-1.17094	0.0783853	0.826599	-1.20978
cg10981275	TSSC1	6.32E-05	0.240315	0.940861	-1.06286	0.752045	1.01584	1.01584	0.460128	1.03799	1.03799	0.233113	0.939888	-1.06396	7.51E-05	0.700222	-1.42812
cg00952814	TSSC1	9.61E-05	0.0300927	0.672752	-1.48643	0.0312056	0.675125	-1.48121	0.00731957	0.584318	-1.7114	0.271945	0.837194	-1.19447	2.52E-06	0.170462	-5.86641
cg00260668	TSSC1	0.000801281	0.0106712	0.493305	-2.02714	0.00188499	0.379109	-2.63776	0.00166349	0.371458	-2.6921	0.690491	1.09211	1.09211	4.84E-05	0.185903	-5.37916
cg07988973	TSSC1	0.00157895	0.000938661	0.154692	-6.46446	0.184649	1.70239	1.70239	0.0058285	3.91662	3.91662	0.739376	0.8814	-1.13456	0.000327423	0.111371	-8.97901
cg14221636	TSSC1	0.00313995	0.854267	0.967725	-1.03335	0.00309538	2.05906	2.05906	0.971638	1.00636	1.00636	0.817648	1.04207	1.04207	0.00102578	0.419658	-2.38289
cg02968890	TSSC1	0.00325812	0.237025	1.28022	1.28022	0.0153471	0.552478	-1.81003	0.0535249	0.645814	-1.54843	0.270488	0.795501	-1.25707	0.211865	0.769326	-1.29984
cg21273746	TSSC1	0.0051352	0.902839	0.950392	-1.0522	0.000873169	0.124927	-8.0047	0.00163343	0.152617	-6.55235	0.0926184	0.462541	-2.16197	0.931235	0.964682	-1.03661
cg11094568	TSSC1	0.00649056	0.598246	1.16004	1.16004	0.00834001	2.56318	2.56318	0.601361	0.863147	-1.15855	0.136511	0.638995	-1.56496	0.376642	1.28826	1.28826
cg10328259	TSSC1	0.00680136	0.807543	1.02189	1.02189	0.60449	0.954691	-1.04746	0.297635	1.10055	1.10055	0.0105327	0.751571	-1.33055	0.113855	0.858434	-1.16491
cg21827581	TSSC1	0.00684213	0.158984	0.759662	-1.31638	0.72195	1.06742	1.06742	0.651802	0.9204	-1.08648	0.990751	1.00212	1.00212	0.000346972	0.349678	-2.85977
cg15126201	TSSC1	0.0100198	0.00990443	0.374675	-2.66898	0.410644	0.776094	-1.2885	0.359128	0.752708	-1.32854	0.00702044	0.349889	-2.85805	0.00473824	0.322964	-3.09632
cg07258408	TSSC1	0.0104902	0.0259869	0.379322	-2.63628	0.461548	1.31648	1.31648	0.619109	0.832077	-1.20181	0.60589	0.826201	-1.21036	0.0131608	0.323789	-3.08843
cg18120825	TSSC1	0.015825	0.282249	0.825989	-1.21067	0.693599	0.934499	-1.07009	0.00627994	0.54383	-1.83881	0.220588	0.802249	-1.2465	0.0555288	1.44955	1.44955
cg13109482	TSSC1	0.0158665	0.167697	0.831138	-1.20317	0.301229	1.14422	1.14422	0.030059	1.37841	1.37841	0.737727	0.958609	-1.04318	0.9472	1.00836	1.00836
cg14074830	TSSC1	0.0171856	0.151097	1.32836	1.32836	0.0625116	0.679166	-1.47239	0.0138809	0.570618	-1.75249	0.602852	1.10173	1.10173	0.584388	0.90308	-1.10732
cg05417729	TSSC1	0.0196462	0.316493	1.37633	1.37633	0.699621	0.887289	-1.12703	0.712059	0.891947	-1.12114	0.335693	1.35826	1.35826	0.000385548	0.174296	-5.73737
cg01074643	TSSC1	0.0223416	0.147497	0.75341	-1.3273	0.0461898	0.659572	-1.51614	0.00716812	0.53126	-1.88232	0.531275	0.890887	-1.12248	0.00447384	0.501257	-1.99499
cg05740808	TSSC1	0.02656	0.107749	0.501842	-1.99266	0.0803816	2.14233	2.14233	0.874161	1.06424	1.06424	0.770968	0.891664	-1.1215	0.00157058	0.167969	-5.9535
cg10276650	TSSC1	0.0335895	0.703286	0.931896	-1.07308	0.0680622	1.45735	1.45735	0.312066	0.82469	-1.21258	0.107039	0.723053	-1.38302	0.00681549	0.524086	-1.90808
cg08298534	TSSC1	0.0337101	0.399022	0.820317	-1.21904	0.00511245	2.33646	2.33646	0.186037	0.724969	-1.37937	0.80257	0.944152	-1.05915	0.0378555	0.57559	-1.73735
cg09538006	TSSC1	0.0342494	0.138579	0.513895	-1.94592	0.0140118	0.281746	-3.54929	0.00266443	0.176461	-5.66697	0.221416	1.71029	1.71029	0.165052	0.53884	-1.85584
cg25735823	TSSC1	0.0366471	0.014961	0.206313	-4.84701	0.359342	0.608234	-1.6441	0.714354	1.21401	1.21401	0.230205	0.514743	-1.94272	0.0417552	0.289923	-3.44919
cg22770705	TSSC1	0.0372882	0.461108	0.905347	-1.10455	0.0874702	1.28405	1.28405	0.329664	1.14261	1.14261	0.715434	0.952636	-1.04972	0.995204	0.999204	-1.0008
cg10071113	TSSC1	0.037708	0.939198	1.02539	1.02539	0.0895531	0.540497	-1.85015	0.0126424	0.360961	-2.77038	0.00565755	0.303188	-3.29828	0.81769	0.92691	-1.07885
cg23855901	TSSC1	0.0383308	0.0280902	0.632089	-1.58205	0.878065	0.973214	-1.02752	0.333701	1.19284	1.19284	0.0162652	0.594716	-1.68148	0.00516804	0.520514	-1.92118
cg06259049	TSSC1	0.0397501	0.159038	1.36825	1.36825	0.221214	0.765013	-1.30717	0.0244888	1.74756	1.74756	0.745805	1.0701	1.0701	0.701105	0.922806	-1.08365
cg23242708	TSSC1	0.0412305	0.548829	0.719039	-1.39075	0.239264	1.95441	1.95441	0.707106	1.22782	1.22782	0.879195	1.08621	1.08621	0.0211551	0.221537	-4.51391
cg14166832	TSSC1	0.0417856	0.0122051	0.106506	-9.38911	0.0788589	0.246708	-4.05338	0.701364	0.758558	-1.31829	0.115866	0.293559	-3.40647	0.0352686	0.172309	-5.80352
cg03677596	TSSC1	0.0434332	0.865059	0.969233	-1.03174	0.124634	1.35725	1.35725	0.0601036	1.47646	1.47646	0.583936	1.10695	1.10695	0.0344561	0.635614	-1.57328
cg18267081	TSSC1	0.0440725	0.0843609	1.28175	1.28175	0.793055	1.03477	1.03477	0.209923	0.842158	-1.18743	0.0718109	1.29863	1.29863	0.213109	0.843271	-1.18586
cg06268956	TSSC4	1.24E-06	5.89E-06	0.217977	-4.58763	2.52E-07	0.100409	-9.9593	3.76E-06	0.198452	-5.03901	8.27E-06	0.23318	-4.28853	6.66E-05	0.334772	-2.98711
cg10819467	TSSC4	3.96E-06	2.54E-06	0.168173	-5.94624	7.25E-05	0.322414	-3.10161	0.902049	0.980889	-1.01948	1.06E-05	0.228862	-4.36944	2.49E-06	0.167395	-5.97389
cg02485697	TSSC4	5.10E-06	4.34E-06	0.235096	-4.25359	0.00030231	0.448263	-2.23083	0.401503	0.889329	-1.12444	2.43E-06	0.209638	-4.77014	0.209952	0.834877	-1.19778
cg24198889	TSSC4	8.47E-06	2.26E-06	0.191247	-5.22884	4.97E-06	0.2251	-4.44247	0.249395	0.841597	-1.18822	0.235249	0.836768	-1.19507	0.0811883	0.758093	-1.3191
cg06847157	TSSC4	2.87E-05	0.0324834	0.703196	-1.42208	0.0024701	0.553185	-1.80771	0.00110466	1.96693	1.96693	0.93395	0.988408	-1.01173	7.74E-07	0.154326	-6.47979
cg02900740	TSSC4	6.20E-05	0.91987	1.01962	1.01962	0.000326053	0.325815	-3.06923	0.0989637	1.41801	1.41801	0.30454	0.814407	-1.22789	3.92E-05	0.218782	-4.57076
cg14081591	TSSC4	0.000154252	0.000209073	0.458149	-2.1827	0.00097105	0.539177	-1.85468	0.000131419	0.433867	-2.30485	0.0096844	0.662422	-1.50961	0.000292265	0.475742	-2.10198
cg06577521	TSSC4	0.000270267	0.000369647	0.278776	-3.58711	0.391555	0.821419	-1.21741	4.59E-05	0.178081	-5.61542	0.795061	1.06007	1.06007	0.00011202	0.218356	-4.57968
cg08470031	TSSC4	0.000798636	0.000730621	0.203638	-4.91068	0.000850987	0.211456	-4.72912	0.323248	0.728891	-1.37195	0.207415	0.662292	-1.50991	0.0447379	0.489609	-2.04244
cg04802545	TSSC4	0.00136179	0.00065714	0.192732	-5.18856	0.213808	0.661752	-1.51114	0.685499	1.13702	1.13702	0.403449	0.763635	-1.30953	0.000134924	0.124282	-8.0462
cg18536644	TSSC4	0.00156688	0.00132331	0.338847	-2.95118	0.421717	0.826818	-1.20946	0.599477	0.884455	-1.13064	0.815131	0.947177	-1.05577	0.000190042	0.232801	-4.29552
cg11296774	TSSC4	0.0105502	0.98909	0.997456	-1.00255	0.000483741	0.360748	-2.77202	0.0163944	1.72731	1.72731	0.115521	1.37545	1.37545	0.442336	1.15714	1.15714
cg20059511	TSSC4	0.0191495	0.762676	1.06301	1.06301	0.971616	1.0072	1.0072	0.0612734	0.653477	-1.53027	0.630825	0.90693	-1.10262	0.0481825	0.634087	-1.57707
cg23594951	TSSC4	0.0252301	0.351413	0.917065	-1.09043	0.768397	0.973695	-1.02702	0.1468	0.868856	-1.15094	0.0047383	0.712727	-1.40306	0.276963	0.902961	-1.10747
cg24557020	TSSC4	0.0273663	0.00163412	0.59007	-1.69472	0.0230014	0.727654	-1.37428	0.0517595	0.771967	-1.29539	0.0407896	0.758732	-1.31799	0.226856	0.86213	-1.15992
cg08004120	TSSC4	0.0285231	0.618656	0.825902	-1.2108	0.99386	0.997071	-1.00294	0.0015065	0.174992	-5.71456	0.657026	1.18571	1.18571	0.190299	0.589365	-1.69674
cg09341209	TSSC4	0.0441859	0.520677	1.27277	1.27277	0.978978	0.990286	-1.00981	0.646926	1.18631	1.18631	0.349019	0.69966	-1.42927	0.349925	1.42825	1.42825
cg18296308	TSSC4	0.0491695	0.185499	0.87779	-1.13922	0.448608	1.07433	1.07433	0.298101	0.904712	-1.10532	0.429957	0.927931	-1.07767	0.30521	1.10359	1.10359
cg26871279	TSSC4;TSSC4	2.27E-05	1.47E-05	0.243521	-4.10643	1.91E-05	0.255727	-3.91042	0.000135576	0.354546	-2.82051	0.238575	0.82387	-1.21378	0.000568256	0.432601	-2.3116
cg21831122	TSSC4;TSSC4	3.61E-05	0.805392	1.04387	1.04387	3.28E-06	0.147617	-6.77429	0.196825	0.788715	-1.26789	0.0549441	1.46022	1.46022	6.58E-05	0.279837	-3.57351
cg27135510	TSSC4;TSSC4	0.000175047	0.000202951	0.297472	-3.36166	0.000459674	0.341914	-2.92471	0.000506105	0.347307	-2.8793	0.0119226	0.54301	-1.84159	0.000196566	0.295785	-3.38083
cg19064195	TSSK1B;MCC	0.00200794	0.907801	0.980499	-1.01989	0.175409	0.782749	-1.27755	3.66E-05	0.259065	-3.86003	0.561243	0.904963	-1.10502	0.272454	1.2143	1.2143
cg23973000	TSSK1B;MCC	0.00285894	0.349866	0.841999	-1.18765	0.218203	0.793363	-1.26046	0.0247745	0.620253	-1.61225	0.593148	1.10118	1.10118	0.000931833	0.413494	-2.41841
cg22011370	TSSK1B;MCC	0.0155438	0.0646808	1.32752	1.32752	0.028469	0.702577	-1.42333	0.0784182	0.765739	-1.30593	0.0360818	1.3949	1.3949	0.0394446	1.38439	1.38439
cg02328278	TSSK1B;MCC	0.0184111	0.0371545	0.736943	-1.35696	0.208082	0.845822	-1.18228	0.131897	1.22773	1.22773	0.0635287	0.768587	-1.30109	0.29688	0.872456	-1.14619
cg19542131	TSSK1B;MCC;TSSK1B	0.000919166	0.865021	0.970516	-1.03038	0.730232	0.940929	-1.06278	0.000122066	0.307351	-3.25361	0.101258	0.729316	-1.37115	0.00769916	0.547535	-1.82637
cg16581199	TSSK1B;TSSK1B;MCC	0.00194943	0.00392275	0.327559	-3.05289	0.0274706	0.472453	-2.11661	0.0839318	0.577019	-1.73304	0.296443	0.732519	-1.36515	9.78E-05	0.136624	-7.31937
cg13343253	TSSK2	4.77E-05	0.0275611	0.636633	-1.57076	0.262008	0.816537	-1.22468	1.51E-05	0.211313	-4.73231	0.780414	0.952724	-1.04962	0.0165778	0.602227	-1.6605
cg07849616	TSSK2	0.0212448	0.074423	0.604526	-1.65419	0.199057	0.709199	-1.41004	0.0860849	0.618628	-1.61648	0.488212	1.1952	1.1952	0.0446183	0.557739	-1.79295
cg00311921	TSSK2;DGCR14	0.00471045	0.953803	0.993519	-1.00652	0.0708519	1.25424	1.25424	0.216403	1.1572	1.1572	0.899249	1.01432	1.01432	0.000102053	0.461944	-2.16476
cg07316743	TSSK2;DGCR14	0.0137588	0.104119	1.2805	1.2805	0.172176	0.816919	-1.22411	0.138842	0.801156	-1.2482	0.00558955	1.65922	1.65922	0.842245	1.02812	1.02812
cg10249224	TSSK3;TSSK3;LOC100128071	0.0388832	0.274313	1.98124	1.98124	0.0192092	5.48923	5.48923	0.716958	0.803452	-1.24463	0.0252449	4.94976	4.94976	0.0520415	0.264868	-3.77546
cg23681095	TSSK4	1.54E-05	0.000543224	0.411998	-2.42719	5.30E-05	0.28796	-3.4727	9.68E-05	0.318684	-3.1379	0.0477107	0.688341	-1.45277	3.86E-06	0.169364	-5.90444
cg25423111	TSSK4	0.00182386	0.115439	1.17258	1.17258	0.00371081	0.694403	-1.44009	0.226	1.12555	1.12555	0.280568	1.10998	1.10998	0.000105896	1.89033	1.89033
cg02970830	TSSK4	0.00602974	0.00251623	0.371562	-2.69134	0.338625	0.79235	-1.26207	0.00226506	0.36496	-2.74002	0.0408711	0.572951	-1.74535	0.00258785	0.373335	-2.67856
cg14188428	TSSK6;NDUFA13	0.0406033	0.119265	1.67338	1.67338	0.0102873	2.67716	2.67716	0.132975	1.63828	1.63828	0.333766	1.35473	1.35473	0.0454402	2.01119	2.01119
cg03854071	TSSK6;NDUFA13;TSSK6	0.00021521	0.757954	1.06977	1.06977	0.614587	1.11715	1.11715	0.000400067	0.292605	-3.41757	0.102984	1.47581	1.47581	8.53E-05	0.214348	-4.66532
cg23069923	TSSK6;NDUFA13;TSSK6	0.0100454	0.922019	1.0278	1.0278	0.00621109	2.71617	2.71617	0.241892	1.40926	1.40926	0.895553	1.03747	1.03747	0.273748	1.37574	1.37574
cg25352836	TSSK6;TSSK6	0.0140181	0.0174519	11.2052	11.2052	0.0297073	8.47235	8.47235	0.0426073	7.02407	7.02407	0.923338	1.08369	1.08369	0.396079	2.06622	2.06622
cg08928145	TSSK6;TSSK6	0.029671	0.0186127	3.25757	3.25757	0.0235601	3.06306	3.06306	0.09262	2.15136	2.15136	0.401135	1.42725	1.42725	0.00340696	5.19482	5.19482
cg01419582	TST	0.000249255	0.17021	0.663759	-1.50657	0.582835	0.855875	-1.1684	0.0225446	0.464654	-2.15214	0.00540868	0.35801	-2.79322	2.17E-05	0.0911713	-10.9684
cg06828938	TST	0.0010478	0.00170034	0.554948	-1.80197	0.306758	1.14914	1.14914	0.00146123	0.54674	-1.82902	0.0575742	0.754169	-1.32596	0.000698704	0.506969	-1.97251
cg23197280	TSTA3	6.03E-05	0.127126	0.659534	-1.51622	0.0268781	0.516157	-1.93739	0.272026	1.33435	1.33435	0.333404	0.777472	-1.28622	0.263236	1.34211	1.34211
cg01142693	TSTA3	0.00642687	0.393293	0.797693	-1.25362	0.00534767	0.387392	-2.58137	0.0104458	0.434628	-2.30082	0.528741	0.847928	-1.17935	0.00691468	0.405117	-2.46842
cg07967677	TSTD1;TSTD1;TSTD1	0.00288953	0.127486	1.52098	1.52098	0.0928413	1.60084	1.60084	0.00530769	2.54685	2.54685	0.438256	0.817759	-1.22285	0.643311	0.88811	-1.12599
cg00446235	TSTD1;TSTD1;TSTD1	0.0127966	0.0829709	3.9001	3.9001	0.0250828	6.6146	6.6146	0.0366767	5.59062	5.59062	0.0969486	3.63886	3.63886	0.0124219	9.07831	9.07831

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20162381	0.507795	1.22224	1.22224	0.00269704	0.289877	-3.44974	0.44216	0.791306	-1.26373	0.554966	1.19525	1.19525	8.40902	11.8815	1.25596	1
cg22779972	0.127313	0.467029	-2.1412	0.639119	1.24369	1.24369	0.107063	2.25306	2.25306	0.00896698	0.215535	-4.63962	8.28852	27.9875	3.00147	1
cg21448167	0.432007	1.8187	1.8187	0.404367	1.8901	1.8901	0.0518781	0.186635	-5.35804	0.554574	1.56082	1.56082	8.94864	76.7042	6.6668	1
cg07303577	0.839752	0.952475	-1.0499	0.000382511	0.255706	-3.91074	0.48583	1.18567	1.18567	0.0401313	0.565329	-1.76888	7.53954	6.90607	0.814205	1
cg08125202	0.00794493	0.547448	-1.82666	0.835413	1.03752	1.03752	0.717221	1.0665	1.0665	0.350911	0.843699	-1.18526	5.3936	2.67696	0.441175	1
cg21303763	0.0796002	0.758423	-1.31853	0.769701	0.959136	-1.04261	0.455682	0.897645	-1.11403	0.132458	1.25952	1.25952	5.29536	1.69396	0.284351	1
cg20164964	0.129034	1.57353	1.57353	0.152391	0.654649	-1.52754	0.196384	0.685558	-1.45867	0.0733547	0.575909	-1.73639	5.04288	6.10003	1.07523	1
cg24409870	0.890801	0.956002	-1.04602	0.0287961	0.429745	-2.32696	0.00699889	3.13431	3.13431	0.592818	0.837939	-1.1934	5.00217	8.50012	1.51048	1
cg16924822	0.0046819	1.78599	1.78599	0.00860554	0.596373	-1.6768	0.11318	1.30466	1.30466	0.0922101	1.33098	1.33098	4.63732	1.74781	0.335023	1
cg24732702	0.00549634	0.465052	-2.1503	0.0685042	1.53378	1.53378	0.599444	0.8948	-1.11757	0.469585	0.857006	-1.16685	4.57948	3.19066	0.619317	1
cg15724985	0.0470974	1.35281	1.35281	0.00251812	1.74701	1.74701	0.0356834	0.722441	-1.3842	0.424848	1.11448	1.11448	4.39091	1.22998	0.248994	1
cg23443327	0.100621	0.387786	-2.57874	0.0190874	0.224406	-4.45621	0.0111048	0.186916	-5.34999	0.0968091	0.382842	-2.61204	4.20179	18.4636	3.90597	1
cg09041268	0.739981	0.970613	-1.03028	0.584428	0.95174	-1.05071	0.746069	1.02953	1.02953	0.360015	0.919174	-1.08793	4.14268	0.467761	0.112913	1
cg25030514	0.695777	0.913723	-1.09442	0.402161	1.21758	1.21758	0.471059	0.845064	-1.18334	0.446559	1.19499	1.19499	4.01928	3.35582	0.74216	1
cg19182035	0.389525	0.802849	-1.24556	0.00224353	2.90214	2.90214	0.0227766	1.97129	1.97129	0.767787	0.928917	-1.07652	3.74821	3.68132	0.873024	1
cg05089427	0.87896	1.04847	1.04847	0.500211	1.23684	1.23684	0.0706028	0.53387	-1.87312	0.021124	0.422619	-2.3662	9.42889	14.4078	1.35827	1
cg22801217	0.00086981	0.30877	-3.23865	0.168208	1.41262	1.41262	0.172083	0.7104	-1.40766	0.209747	0.732744	-1.36473	4.40392	3.85958	0.779019	1
cg22815409	0.0146456	0.412373	-2.42499	0.603289	1.1671	1.1671	0.100967	0.588946	-1.69795	0.317206	0.737314	-1.35627	4.24974	5.84676	1.22293	1
cg00343092	0.233309	0.677477	-1.47606	0.0588989	0.514421	-1.94393	0.006797	0.335277	-2.98261	0.0106784	0.367881	-2.71827	6.90736	10.6209	1.36677	1
cg26131049	0.585702	1.26204	1.26204	0.00102431	0.111457	-8.97209	0.427292	1.40958	1.40958	0.382845	1.46126	1.46126	7.94609	21.9615	2.14963	1
cg01678833	0.712015	1.09709	1.09709	0.173854	1.43557	1.43557	0.0282809	0.523533	-1.9101	0.0568048	0.583483	-1.71384	6.34122	6.2719	0.879172	1
cg10822314	0.837074	0.964582	-1.03672	0.295662	0.827025	-1.20915	0.00348545	0.499447	-2.00221	0.0341764	1.54163	1.54163	4.38147	2.12832	0.431783	1
cg25705492	0.0114385	0.620711	-1.61106	0.100573	0.773182	-1.29336	0.375987	0.880887	-1.13522	0.0157344	0.642584	-1.55622	61.1002	13.7087	0.192313	1
cg06587955	0.853246	1.12428	1.12428	0.330072	1.90182	1.90182	0.883813	1.0969	1.0969	0.636276	0.739317	-1.3526	7.48603	30.1005	4.02089	1
cg08635406	0.405647	0.715258	-1.3981	0.153446	1.82585	1.82585	0.21206	0.59585	-1.67827	0.281809	0.643677	-1.55357	4.6471	11.4187	2.18414	1
cg07939445	0.00125255	0.27136	-3.68515	8.32E-05	0.140772	-7.10368	0.321277	1.32793	1.32793	0.00434946	0.348334	-2.87081	17.1565	20.8155	1.07846	1
cg00611548	0.19095	0.670141	-1.49222	0.00343399	0.316988	-3.15469	0.00960532	0.387645	-2.57968	0.0681745	0.554135	-1.80461	4.32063	5.71746	1.17626	1
cg18597292	0.583349	0.803813	-1.24407	0.586715	1.2416	1.2416	0.642375	0.831623	-1.20247	0.316363	1.50441	1.50441	7.85615	19.3398	2.18822	1
cg06766636	0.444634	0.805783	-1.24103	0.00712148	0.381645	-2.62024	0.929336	0.975721	-1.02488	0.916958	1.02932	1.02932	3.97525	4.83468	1.08106	1
cg27395754	0.373438	1.34131	1.34131	0.0560173	0.498757	-2.00499	0.167845	1.60386	1.60386	0.279207	0.69658	-1.43559	4.61411	7.54806	1.4541	1
cg14397820	0.483244	0.742522	-1.34676	0.00072483	0.116726	-8.56707	0.0218339	0.316694	-3.15762	0.193135	0.562481	-1.77784	4.54169	12.5566	2.45756	1
cg11555315	0.0652917	0.491343	-2.03524	0.00571356	0.288074	-3.47133	0.81787	0.92384	-1.08244	0.62227	1.18593	1.18593	4.45005	8.31197	1.6603	1
cg23612178	0.0241207	0.0266536	-37.5184	0.530106	2.3053	2.3053	?	?	?	?	?	?	4.73293	98.0324	20.7128	1
cg22329555	0.272066	1.2643	1.2643	0.514665	1.14515	1.14515	0.000112464	4.02311	4.02311	0.0731434	0.663684	-1.50674	11.1068	7.40195	0.592388	1
cg26143577	0.00635612	0.489122	-2.04448	0.673887	0.918318	-1.08895	0.00327778	0.446287	-2.24071	0.117706	0.710308	-1.40784	10.969	7.04145	0.570617	1
cg03105222	0.734158	0.963149	-1.03826	0.0612204	0.792672	-1.26156	0.429479	1.09291	1.09291	0.546063	1.06961	1.06961	5.15735	0.991098	0.170819	1
cg03959219	0.000211219	0.687701	-1.45412	0.000937303	0.742	-1.34771	0.425874	1.05038	1.05038	0.000820121	0.737288	-1.35632	29.2613	1.69319	0.0514351	1
cg04414860	0.17286	0.703677	-1.42111	0.0102363	0.456479	-2.19068	0.27002	0.757099	-1.32083	0.506496	1.17738	1.17738	4.00395	3.72207	0.826311	1
cg09538002	0.0517271	0.175312	-5.70411	0.121253	3.74831	3.74831	0.0456407	6.06366	6.06366	0.160269	3.2537	3.2537	3.85367	37.7496	8.70734	1
cg00470183	0.0724251	1.52782	1.52782	0.397813	0.832732	-1.20087	0.0551983	0.631553	-1.5834	0.188149	1.34293	1.34293	3.79797	2.39016	0.629325	1
cg18623476	0.140265	0.682169	-1.46591	0.000425058	0.260452	-3.83948	0.322214	1.27955	1.27955	0.120767	0.666565	-1.50023	7.16568	6.59481	0.818074	1
cg22328208	0.0397976	3.95475	3.95475	0.000258715	32.3826	32.3826	0.00218532	12.0137	12.0137	0.0889804	2.95979	2.95979	7.92969	42.026	4.71096	1
cg01569173	0.0164793	0.377785	-2.64701	0.0185902	0.387518	-2.58053	0.0289658	0.42514	-2.35216	0.00358093	0.269644	-3.7086	5.18972	9.07106	1.55368	1
cg19653425	0.350276	1.12841	1.12841	0.00634858	0.639902	-1.56274	0.856606	1.02299	1.02299	0.000954787	0.538746	-1.85616	6.77066	1.69306	0.222274	1
cg03455255	0.677448	0.921494	-1.08519	0.00941664	1.90284	1.90284	0.807711	1.04881	1.04881	0.13929	0.732713	-1.36479	12.2488	7.41125	0.537832	1
cg04098176	0.676055	0.863563	-1.15799	0.00958493	0.318257	-3.14211	0.678719	1.1565	1.1565	0.000765512	0.168767	-5.92532	7.44681	14.3707	1.71536	1
cg12340519	0.358921	0.731978	-1.36616	0.0499672	2.09462	2.09462	0.135121	0.586997	-1.70359	0.269639	0.68372	-1.46259	3.47866	6.02691	1.54003	1
cg13726962	0.00466863	0.517708	-1.93159	0.0787795	0.710591	-1.40728	0.201596	0.789766	-1.2662	0.158802	0.768277	-1.30161	13.3855	6.49388	0.431237	1
cg00446807	0.0116915	0.549451	-1.82	0.000532119	0.358778	-2.78724	0.635026	0.913121	-1.09515	0.000130396	0.282868	-3.53522	21.9815	12.5775	0.50861	1
cg00956010	0.073738	0.805143	-1.24202	2.69E-05	0.406022	-2.46292	0.263185	0.880887	-1.13522	0.0391081	1.29641	1.29641	10.5887	1.98245	0.16642	1
cg18334121	0.0878805	0.544777	-1.83561	0.0451884	0.47666	-2.09793	0.0173852	2.54431	2.54431	0.0584665	0.501894	-1.99245	3.56452	5.86974	1.46374	1
cg06968038	0.0175129	0.226161	-4.42164	0.00163482	0.0983405	-10.1688	0.476718	1.4506	1.4506	0.036586	0.286848	-3.48617	4.58779	19.2039	3.72077	1
cg19477926	0.692865	0.947939	-1.05492	0.00524709	1.64191	1.64191	0.0857182	0.774301	-1.29149	0.786765	0.964141	-1.03719	3.88644	1.11649	0.255359	1
cg22556056	7.50E-06	0.412067	-2.42679	0.702732	1.0351	1.0351	0.419452	0.928465	-1.07705	0.00776894	0.735244	-1.36009	30.5775	3.92039	0.113966	1
cg25430696	0.710643	1.11803	1.11803	8.41E-05	0.120318	-8.31131	0.802823	0.927834	-1.07778	0.276678	0.71267	-1.40317	11.4133	16.2016	1.26182	1
cg15961785	0.0441271	2.73407	2.73407	0.00473165	0.195552	-5.11374	0.00130029	0.130407	-7.66828	0.822058	1.10293	1.10293	8.45507	25.3284	2.6628	1
cg21378393	0.00625889	0.329207	-3.0376	0.0401199	0.477254	-2.09532	0.138229	0.607879	-1.64507	0.727505	1.11527	1.11527	4.6743	7.20077	1.36934	1
cg17914143	2.77E-05	0.0203283	-49.1925	0.0169769	0.325886	-3.06856	0.649779	1.1778	1.1778	0.471416	0.768557	-1.30114	25.0621	48.2146	1.28254	1
cg06069996	0.0566018	0.438171	-2.28221	0.0414245	0.405754	-2.46454	0.845766	0.929562	-1.07578	0.820434	0.918259	-1.08902	5.16822	11.2671	1.69562	1
cg11825763	0.23903	0.59622	-1.67723	0.591597	0.796805	-1.25501	0.41218	0.703525	-1.42141	0.672858	0.83685	-1.19496	4.1008	11.4238	2.47622	1
cg18779595	0.0127993	0.29088	-3.43784	0.227849	0.603192	-1.65785	0.162595	0.551377	-1.81364	0.66276	1.19154	1.19154	3.73821	9.44241	2.24526	1
cg17207346	0.00926891	0.588775	-1.69844	0.0489974	0.697268	-1.43417	0.00788651	0.578806	-1.72769	0.910803	0.982182	-1.01814	59.2623	24.1566	0.36233	1
cg10288921	0.0308903	0.608996	-1.64205	0.00325725	0.456116	-2.19242	0.00468437	0.479225	-2.0867	0.258763	0.79409	-1.2593	52.285	31.7058	0.539026	1
cg20144002	9.47E-05	0.349519	-2.86108	0.00669142	1.70185	1.70185	0.114065	0.771178	-1.29672	0.775909	0.957779	-1.04408	50.4416	18.2528	0.321654	1
cg10761085	0.045575	1.25019	1.25019	1.52E-07	0.202655	-4.93449	0.0585864	0.812124	-1.23134	0.0132837	0.741685	-1.34828	34.7136	5.21541	0.133548	1
cg10981275	0.000123464	0.717469	-1.39379	1.20E-05	0.632044	-1.58217	0.0118377	1.16862	1.16862	0.00663133	1.19092	1.19092	25.0177	0.97422	0.0346144	1
cg00952814	0.000313436	0.403374	-2.47909	0.0296155	0.67171	-1.48874	0.226601	1.21808	1.21808	0.000224323	0.385187	-2.59614	22.379	8.55815	0.339928	1
cg00260668	0.0040353	0.427321	-2.34016	0.0826012	0.654932	-1.52688	0.28836	0.784544	-1.27463	0.00201165	0.383118	-2.61016	12.5264	9.61484	0.682278	1
cg07988973	0.0330943	0.389799	-2.56543	0.544893	0.793185	-1.26074	0.349523	1.43928	1.43928	0.3749	1.41111	1.41111	10.3258	23.3825	2.01286	1
cg14221636	0.016742	0.593904	-1.68377	0.00830567	0.547696	-1.82583	0.437827	1.15167	1.15167	0.0185779	0.600948	-1.66404	8.44294	4.25722	0.448209	1
cg02968890	0.0549068	0.647856	-1.54355	7.26E-05	0.236946	-4.22037	0.513872	0.876332	-1.14112	0.014788	0.54987	-1.81861	8.35054	5.25862	0.559763	1
cg21273746	0.299609	0.638992	-1.56496	0.0167125	3.37721	3.37721	0.275095	1.60491	1.60491	0.688817	0.845597	-1.1826	7.27902	20.0101	2.44357	1
cg11094568	0.000739727	4.18177	4.18177	0.936053	1.02266	1.02266	0.00875324	0.393628	-2.54047	0.850868	1.05395	1.05395	6.77243	8.36071	1.09735	1
cg10328259	0.0110128	0.753507	-1.32713	0.000998795	1.54292	1.54292	0.231538	1.11779	1.11779	0.466089	0.9363	-1.06803	6.67471	0.832435	0.110858	1
cg21827581	0.866025	1.03131	1.03131	0.00390087	2.03297	2.03297	0.369632	0.845152	-1.18322	0.985712	0.996736	-1.00328	6.6623	3.51808	0.469385	1
cg15126201	0.021136	0.43375	-2.30548	0.00129419	0.243594	-4.10519	0.0773547	0.55346	-1.80682	0.0583163	0.52488	-1.9052	5.90689	8.49158	1.27784	1
cg07258408	0.00413206	0.243977	-4.09874	0.000970003	0.165117	-6.05631	0.84141	0.929146	-1.07626	0.0863229	0.499036	-2.00386	5.82068	12.4046	1.89433	1
cg18120825	0.15675	1.29581	1.29581	0.00557122	1.86441	1.86441	0.130137	0.756007	-1.32274	0.738529	0.944296	-1.05899	5.08956	2.35948	0.412082	1
cg13109482	0.586086	0.93318	-1.0716	0.0716973	0.77652	-1.2878	0.0603915	1.30522	1.30522	0.00128674	1.80425	1.80425	5.08513	1.27413	0.22272	1
cg14074830	0.198516	1.28503	1.28503	0.00493862	1.98798	1.98798	0.738153	1.06388	1.06388	0.0450632	0.654155	-1.52869	4.95146	2.67111	0.479519	1
cg05417729	0.458365	0.792227	-1.26226	0.912967	1.0343	1.0343	0.392132	1.31052	1.31052	0.37529	1.32402	1.32402	4.73315	7.13189	1.33937	1
cg01074643	0.0298306	0.627678	-1.59317	0.534095	0.891612	-1.12156	0.393348	1.17269	1.17269	0.0182887	0.593464	-1.68502	4.52991	2.38131	0.467277	1
cg05740808	0.107118	0.501109	-1.99557	0.0496939	0.414995	-2.40967	0.609514	0.816799	-1.22429	0.118482	0.513877	-1.94599	4.26616	10.4264	2.17241	1
cg10276650	0.92727	1.01697	1.01697	0.92765	0.9834	-1.01688	0.130095	0.739807	-1.3517	0.00792657	0.533881	-1.87308	3.92498	2.1118	0.478259	1
cg08298534	0.32238	0.79097	-1.26427	0.193211	1.37143	1.37143	0.676595	0.908258	-1.10101	0.0471905	0.593956	-1.68363	3.91992	3.26692	0.740815	1
cg09538006	0.312015	0.646173	-1.54757	0.0713289	0.43129	-2.31863	0.97732	0.988201	-1.01194	0.820385	0.909414	-1.09961	3.89755	10.7615	2.4543	1
cg25735823	0.0294524	0.258518	-3.86821	0.0148545	0.205815	-4.85872	0.0078512	0.165363	-6.04729	0.414321	0.643893	-1.55305	3.80312	16.7633	3.91802	1
cg22770705	0.308989	0.869764	-1.14974	0.00157611	1.82485	1.82485	0.232212	0.847014	-1.18062	0.204138	1.19435	1.19435	3.77916	1.05118	0.247247	1
cg10071113	0.386662	1.33869	1.33869	0.0313959	0.436145	-2.29281	0.779402	0.911831	-1.09669	0.0742833	0.520101	-1.9227	3.76374	6.4405	1.52107	1
cg23855901	0.487835	0.882808	-1.13275	0.338019	1.19085	1.19085	0.166164	0.770188	-1.29838	0.914385	0.981161	-1.0192	3.74125	1.85316	0.440294	1
cg06259049	0.00497375	0.460927	-2.16954	0.14282	1.3883	1.3883	0.69632	0.921546	-1.08513	0.600742	0.89584	-1.11627	3.69164	2.53692	0.610849	1
cg23242708	0.0197058	0.216204	-4.62525	0.0167937	0.204603	-4.88751	0.579827	0.737812	-1.35536	0.0221657	0.225108	-4.44231	3.64218	17.0537	4.16203	1
cg14166832	0.018694	0.129509	-7.72149	0.0104881	0.0992538	-10.0752	0.748454	0.793942	-1.25954	0.0557379	0.211286	-4.73293	3.6242	29.5225	7.24085	1
cg03677596	0.334632	1.2006	1.2006	0.126004	1.3555	1.3555	0.0981884	0.716579	-1.39552	0.0303146	0.626359	-1.59653	3.57249	1.91	0.475237	1
cg18267081	0.0832125	0.779315	-1.28318	0.0238628	1.41981	1.41981	0.482854	1.09716	1.09716	0.0621306	0.761065	-1.31395	3.55308	0.951161	0.237956	1
cg06268956	6.40E-05	0.332754	-3.00522	6.13E-07	0.128753	-7.76681	3.72E-05	0.305188	-3.27667	1.12E-05	0.247226	-4.04488	69.4736	24.658	0.31549	1
cg10819467	3.29E-05	0.282626	-3.53825	0.465059	1.12358	1.12358	4.37E-05	0.296728	-3.37009	7.44E-06	0.213087	-4.69291	51.5504	20.052	0.345759	1
cg02485697	2.13E-05	0.310676	-3.21879	1.11E-06	0.17687	-5.65385	0.0027158	0.568016	-1.76051	5.43E-05	0.357888	-2.79417	48.2995	14.272	0.262658	1
cg24198889	0.00217442	0.540009	-1.85182	0.0521083	1.37233	1.37233	4.56E-06	0.221264	-4.51948	4.11E-05	0.326281	-3.06484	42.3491	13.7642	0.288905	1
cg06847157	0.00249183	0.553676	-1.80611	0.806429	1.03514	1.03514	0.412623	1.12505	1.12505	0.00129723	0.517296	-1.93313	30.8022	9.65328	0.278574	1
cg02900740	0.00291396	0.45394	-2.20294	7.45E-06	0.14894	-6.71411	0.0147726	0.560337	-1.78464	0.000168269	0.290466	-3.44275	25.1465	14.8462	0.524789	1
cg14081591	0.000596446	0.513368	-1.94792	2.70E-05	0.352558	-2.83641	0.00182593	0.572731	-1.74602	0.0120492	0.67437	-1.48286	19.7078	4.94187	0.222895	1
cg06577521	0.0258097	0.552576	-1.80971	0.140822	1.42617	1.42617	0.00497225	0.434616	-2.30088	0.00402798	0.420728	-2.37683	16.9262	13.4627	0.707	1
cg08470031	0.173915	1.56574	1.56574	9.95E-05	0.117599	-8.50344	0.201098	0.658045	-1.51965	0.00113958	0.226938	-4.40648	12.5381	19.0764	1.35242	1
cg04802545	0.0627595	0.516632	-1.93561	0.00290568	0.275031	-3.63596	0.0245659	0.429716	-2.32712	0.00157913	0.239039	-4.18341	10.7747	16.9768	1.40055	1
cg18536644	0.235119	0.749514	-1.3342	0.000677818	0.300083	-3.33241	0.350212	0.800275	-1.24957	0.00171696	0.354563	-2.82038	10.3487	8.7994	0.755815	1
cg11296774	0.247213	0.798173	-1.25286	0.647197	1.08965	1.08965	0.959321	1.00955	1.00955	0.459614	0.86911	-1.1506	5.81003	3.19441	0.48872	1
cg20059511	0.00124102	0.385898	-2.59136	0.0348224	1.64261	1.64261	0.367969	0.829799	-1.20511	0.65824	1.09397	1.09397	4.77439	3.07789	0.573036	1
cg23594951	0.863185	0.98455	-1.01569	0.0119628	0.753462	-1.32721	0.00335121	0.697426	-1.43384	0.0511263	0.818303	-1.22204	4.34336	0.560604	0.11473	1
cg24557020	0.0195855	0.719079	-1.39067	0.0700093	0.789106	-1.26726	0.443542	0.912709	-1.09564	0.522362	0.926995	-1.07875	4.22165	0.914017	0.192451	1
cg08004120	0.191428	0.59025	-1.6942	0.495508	1.30188	1.30188	0.379956	1.40961	1.40961	0.0127393	0.307339	-3.25374	4.16054	9.57446	2.04556	1
cg09341209	0.511969	1.27941	1.27941	0.134062	1.81955	1.81955	0.0022458	0.204997	-4.87811	0.0858001	0.494905	-2.02059	3.54967	7.71572	1.93213	1
cg18296308	0.878409	1.01431	1.01431	0.00142237	0.651454	-1.53503	0.462949	1.07183	1.07183	0.512428	0.940183	-1.06362	3.40975	0.465481	0.121346	1
cg26871279	1.04E-05	0.227662	-4.39247	0.212617	1.2288	1.2288	0.0605894	0.717433	-1.39386	6.02E-05	0.312335	-3.20169	32.7843	12.7913	0.346812	1
cg21831122	0.0312393	0.644267	-1.55215	3.57E-05	0.249914	-4.00138	0.00849837	0.557521	-1.79366	0.000310261	0.361379	-2.76718	29.0123	13.9022	0.42594	1
cg27135510	0.000671194	0.363319	-2.7524	3.16E-05	0.206362	-4.84585	0.0293105	0.606776	-1.64805	0.00168783	0.417574	-2.39478	19.0462	11.423	0.533114	1
cg19064195	0.821597	0.962336	-1.03914	0.0380037	1.50516	1.50516	0.0719381	0.71072	-1.40702	0.141826	0.764529	-1.308	9.63078	4.40744	0.406792	1
cg23973000	0.253343	1.23763	1.23763	0.0120321	1.7502	1.7502	0.000906977	0.411928	-2.42761	0.484127	1.1355	1.1355	8.68126	4.39138	0.449641	1
cg22011370	0.107026	0.78646	-1.27152	0.0172241	1.48619	1.48619	0.269674	0.85476	-1.16992	0.986226	1.00236	1.00236	5.11995	1.51152	0.26242	1
cg02328278	0.493232	0.915956	-1.09175	0.0027223	1.68571	1.68571	0.914481	1.01364	1.01364	0.067365	0.772134	-1.29511	4.83821	1.21959	0.224066	1
cg19542131	0.852895	0.967876	-1.03319	8.92E-05	0.291175	-3.43436	0.440284	1.14848	1.14848	0.0204591	0.611832	-1.63444	12.0507	5.90538	0.435594	1
cg16581199	0.275056	1.38612	1.38612	0.381861	1.29417	1.29417	0.00400783	0.328965	-3.03984	0.0347443	0.49279	-2.02926	9.71407	12.7187	1.16383	1
cg13343253	0.000121182	0.312399	-3.20103	4.21E-06	0.158165	-6.32251	0.00382808	0.508843	-1.96524	0.000194061	0.337298	-2.96473	26.9536	12.8194	0.422765	1
cg07849616	0.0221055	0.499131	-2.00348	0.00141796	0.310544	-3.22016	0.63624	0.886353	-1.12822	0.0209524	0.494882	-2.02069	4.60874	4.68024	0.902678	1
cg00311921	0.260885	0.876683	-1.14066	0.751533	0.964976	-1.03629	0.537419	1.0726	1.0726	0.069087	0.795887	-1.25646	7.47322	1.49102	0.177346	1
cg07316743	0.446624	0.897678	-1.11399	0.0865797	1.30137	1.30137	0.0875999	1.30003	1.30003	0.00728572	0.617799	-1.61865	5.33022	1.63462	0.272597	1
cg10249224	0.19792	0.441324	-2.26591	0.310856	0.53245	-1.87811	0.11689	0.359189	-2.78405	0.309709	1.88111	1.88111	3.72168	21.2961	5.08639	1
cg23681095	0.0843268	0.729809	-1.37022	3.30E-06	0.16317	-6.12859	0.0987935	1.34791	1.34791	0.000586597	0.416317	-2.40202	36.2619	15.6258	0.383035	1
cg25423111	0.729192	0.968186	-1.03286	0.0064988	1.38966	1.38966	0.752711	0.971025	-1.02984	0.246906	1.11922	1.11922	9.90387	1.35743	0.121832	1
cg02970830	0.0951562	0.648763	-1.54139	0.917698	1.02469	1.02469	0.179738	1.39966	1.39966	0.0211134	0.519761	-1.92396	6.92857	6.11023	0.783901	1
cg14188428	0.121645	1.66697	1.66697	0.00258479	3.56726	3.56726	0.100742	1.72883	1.72883	0.171018	1.55876	1.55876	3.66286	5.37992	1.30558	1
cg03854071	0.00155687	0.370713	-2.6975	0.00716931	0.468846	-2.1329	0.000407738	0.293638	-3.40555	0.00023767	0.26494	-3.77444	18.0094	13.579	0.670221	1
cg23069923	0.258521	0.718786	-1.39123	0.000855367	4.06689	4.06689	0.0108196	2.45097	2.45097	0.34752	0.762685	-1.31116	5.90206	7.33255	1.10433	1
cg25352836	0.348444	2.2391	2.2391	0.000655142	78.337	78.337	0.0241609	9.43907	9.43907	0.0326295	8.0682	8.0682	5.29763	58.5054	9.81662	1
cg08928145	0.0170489	3.33357	3.33357	0.405367	1.4225	1.4225	0.0488883	2.53709	2.53709	0.0559028	2.45114	2.45114	4.10286	11.1355	2.41252	1
cg01419582	0.0667349	0.561726	-1.78023	0.000208888	0.1754	-5.70127	0.000428798	0.209351	-4.77666	0.00023254	0.18024	-5.54815	17.304	21.5732	1.10819	1
cg06828938	0.203324	0.838265	-1.19294	0.122064	1.24629	1.24629	0.000418445	0.479515	-2.08544	0.0108262	0.65673	-1.5227	11.6116	3.17442	0.243007	1
cg23197280	5.42E-07	0.0299013	-33.4434	0.485353	0.836222	-1.19586	0.236855	0.731499	-1.36706	0.276602	1.33041	1.33041	25.3315	25.5337	0.895985	1
cg01142693	0.293959	1.32495	1.32495	0.000546247	0.249484	-4.00827	0.782027	0.930819	-1.07432	0.158817	0.677537	-1.47594	6.79317	7.18817	0.940575	1
cg07967677	0.714563	1.09798	1.09798	0.00100364	3.46465	3.46465	0.000273129	4.56072	4.56072	0.0197585	2.04686	2.04686	8.65393	8.87433	0.911527	1
cg00446235	0.0215606	7.07612	7.07612	0.00128945	27.808	27.808	0.00821023	10.996	10.996	0.0315326	5.97641	5.97641	5.45818	43.4513	7.07625	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13906823	TSTD1;TSTD1;TSTD1	0.0200961	0.0407229	11.0498	11.0498	0.0654822	8.18525	8.18525	0.249507	3.40026	3.40026	0.123863	5.4446	5.4446	0.0219744	16.3522	16.3522	0.0260227	14.6781	14.6781	0.00357832	55.2806	55.2806	0.00472221	45.4725	45.4725	0.026672	14.4495	14.4495	4.6969	76.9221	14.5575	1
cg12426196	TSTD1;TSTD1;TSTD1	0.0340941	0.0865069	5.4718	5.4718	0.0350813	9.05949	9.05949	0.268438	2.81405	2.81405	0.199042	3.3807	3.3807	0.0449656	7.88781	7.88781	0.0667821	6.32629	6.32629	0.00452362	29.8379	29.8379	0.00826619	20.7251	20.7251	0.040831	8.32361	8.32361	3.90395	49.8144	11.3422	1
cg13466383	TSTD1;TSTD1;TSTD1;TSTD1;TSTD1;TSTD1	0.0305392	0.0549018	4.34214	4.34214	0.124497	3.07048	3.07048	0.19932	2.49602	2.49602	0.181516	2.60303	2.60303	0.0283929	5.72616	5.72616	0.0316812	5.46791	5.46791	0.00274286	16.2517	16.2517	0.0189225	6.80174	6.80174	0.0316481	5.47031	5.47031	4.06103	29.2609	6.4047	1
cg27180868	TSTD1;TSTD1;TSTD1;TSTD1;TSTD1;TSTD1	0.0428107	0.0299743	5.9745	5.9745	0.031582	5.83969	5.83969	0.0971864	3.57642	3.57642	0.169904	2.78277	2.78277	0.069943	4.13133	4.13133	0.0470759	4.90812	4.90812	0.00937995	10.0347	10.0347	0.0127868	8.71549	8.71549	0.0791245	3.91454	3.91454	3.59174	27.8791	6.89957	1
cg13914024	TSTD1;TSTD1;TSTD1;USF1;USF1	0.0049997	0.756397	1.04563	1.04563	0.0728473	1.33232	1.33232	0.000795679	0.483618	-2.06775	0.00649054	1.66085	1.66085	0.276139	0.85007	-1.17637	0.484059	0.903054	-1.10735	0.284825	1.17269	1.17269	0.465964	0.899077	-1.11225	0.00934752	0.623342	-1.60426	7.33873	2.38977	0.289456	1
cg13458210	TSTD1;USF1;TSTD1;TSTD1;USF1	0.00611725	0.334804	0.721572	-1.38586	0.0147989	0.373874	-2.6747	0.00199988	0.23903	-4.18358	0.858706	0.943216	-1.0602	0.0010987	0.206169	-4.85038	0.777177	0.911119	-1.09755	0.00445238	0.288015	-3.47205	0.0427238	0.465196	-2.14963	0.0139288	0.369142	-2.70899	6.8978	11.7582	1.51522	1
cg07883333	TSTD1;USF1;TSTD1;TSTD1;USF1	0.0483409	0.021496	0.693677	-1.44159	0.560947	0.925096	-1.08097	0.482238	1.0992	1.0992	0.0955149	1.27445	1.27445	0.731663	1.04664	1.04664	0.108695	1.26074	1.26074	0.0508045	1.34269	1.34269	0.0437602	0.735687	-1.35927	0.38922	0.889714	-1.12396	3.43177	0.953203	0.246896	1
cg14119270	TSTD2	0.00659964	0.00332183	1.95034	1.95034	0.246489	0.816689	-1.22446	0.281775	1.20551	1.20551	0.0894728	1.36731	1.36731	0.296091	1.19844	1.19844	0.939296	1.01281	1.01281	0.000281258	2.69691	2.69691	0.346294	0.850397	-1.17592	0.413132	1.15004	1.15004	6.73748	2.97901	0.393026	1
cg14223444	TSTD2;NCBP1	0.000624909	0.00146929	0.283626	-3.52578	0.14059	1.54502	1.54502	0.57527	0.856104	-1.16808	0.0674532	1.75475	1.75475	0.000424633	0.216127	-4.6269	0.000716819	4.10968	4.10968	0.162095	1.50633	1.50633	0.0748823	0.580163	-1.72365	0.00693886	0.383371	-2.60844	13.4306	16.0214	1.06036	1
cg16199381	TSTD2;NCBP1	0.00384542	7.98E-05	0.0522404	-19.1423	0.0472669	2.56111	2.56111	0.148654	1.89986	1.89986	0.509231	1.31969	1.31969	0.30976	1.54568	1.54568	0.419898	0.710758	-1.40695	0.790063	1.11689	1.11689	0.897092	0.947803	-1.05507	0.617189	0.811575	-1.23217	7.94623	21.6012	2.41637	1
cg14707431	TSTD2;NCBP1	0.0158	0.369932	1.60323	1.60323	0.374953	0.626989	-1.59492	0.117566	2.39018	2.39018	0.751356	1.17699	1.17699	0.000692881	0.070367	-14.2112	?	?	?	0.430588	1.51047	1.51047	0.0763383	0.363922	-2.74784	0.805576	1.13476	1.13476	5.1882	19.1948	3.6997	1
cg18007899	TSTD2;NCBP1	0.0256688	0.120802	0.852154	-1.1735	0.0567991	1.22753	1.22753	0.00532704	1.41783	1.41783	0.854412	1.01762	1.01762	0.313618	1.10418	1.10418	0.784095	0.974222	-1.02646	0.0156619	0.754485	-1.32541	0.306037	0.904135	-1.10603	0.323025	1.10194	1.10194	4.31735	0.618293	0.127299	1
cg01883159	TTBK1	9.87E-06	0.000894214	0.716776	-1.39514	0.117754	0.8925	-1.12045	2.69E-06	2.1294	2.1294	0.000199473	1.51919	1.51919	0.00125582	1.37075	1.37075	6.25E-05	1.63855	1.63855	0.00646436	1.26751	1.26751	0.0397591	0.852856	-1.17253	1.41E-05	1.83331	1.83331	40.7049	2.88953	0.0630997	1
cg19822176	TTBK1	0.000104291	0.101168	0.748588	-1.33585	0.00460011	0.544199	-1.83756	0.0720825	1.38245	1.38245	7.12E-06	0.201778	-4.95595	0.242645	0.820984	-1.21805	0.000229646	0.37269	-2.68319	0.00128377	2.13224	2.13224	0.699335	1.06461	1.06461	0.217756	0.811262	-1.23265	21.893	9.02324	0.366357	1
cg04521391	TTBK1	0.000460782	0.000160887	0.255342	-3.91631	0.00745972	0.482028	-2.07457	0.00102268	0.356549	-2.80466	0.00212002	0.400522	-2.49674	0.0002079	0.268457	-3.72499	0.00824943	0.488883	-2.04548	0.0904496	1.48461	1.48461	0.726081	0.928204	-1.07735	0.00351997	0.432478	-2.31225	14.6177	10.3871	0.631629	1
cg18691564	TTBK1	0.00050428	8.48E-06	0.187866	-5.32296	0.183797	0.784106	-1.27534	0.644885	1.08334	1.08334	0.00409091	0.514535	-1.9435	0.110565	0.740889	-1.34973	0.00198639	0.470823	-2.12394	0.937572	1.0136	1.0136	0.0302426	0.6444	-1.55183	0.364332	0.851479	-1.17443	14.2568	6.71717	0.418806	1
cg01749249	TTBK1	0.000675748	0.00421473	0.490507	-2.03871	0.0406744	1.55162	1.55162	0.00361078	0.480802	-2.07986	0.417079	1.16668	1.16668	0.00183127	0.439129	-2.27723	0.000270372	0.329483	-3.03506	0.0116602	1.79673	1.79673	0.0599427	0.673998	-1.48368	0.0112328	0.554066	-1.80484	13.1401	7.19105	0.486455	1
cg26580480	TTBK1	0.00139122	0.895173	0.971468	-1.02937	0.00888295	0.481351	-2.07749	0.03512	0.583345	-1.71425	0.774757	1.06503	1.06503	2.40E-05	0.157399	-6.35326	0.178872	0.73083	-1.36831	0.0305004	0.572193	-1.74766	0.382838	1.21715	1.21715	0.0538572	0.618384	-1.61712	10.7088	8.17765	0.678787	1
cg05781984	TTBK1	0.00141017	0.00357248	1.53223	1.53223	0.030347	1.31682	1.31682	?	?	?	0.476658	0.924744	-1.08138	0.872386	0.98277	-1.01753	0.561554	1.06552	1.06552	0.22494	0.871271	-1.14775	4.91E-05	2.28129	2.28129	0.105793	1.21048	1.21048	10.9161	1.79634	0.164559	1
cg10965508	TTBK1	0.00381112	0.0649692	1.33163	1.33163	0.475483	1.10549	1.10549	0.328813	1.14946	1.14946	0.0270149	0.696378	-1.436	0.000189157	0.418957	-2.38688	0.0357359	0.713383	-1.40177	0.02376	0.688673	-1.45207	0.556544	1.08566	1.08566	0.327743	0.869689	-1.14984	7.96766	2.4103	0.268898	1
cg10203631	TTBK1	0.00464775	0.00131336	0.317868	-3.14596	0.00764386	0.431532	-2.31733	0.00325084	0.373966	-2.67404	0.14351	0.68028	-1.46998	0.000794024	0.288777	-3.46288	0.0798522	0.621034	-1.61022	0.682537	0.904124	-1.10604	0.537062	0.857968	-1.16554	0.0157162	0.484051	-2.0659	7.50374	7.13872	0.845648	1
cg17773776	TTBK1	0.00544283	0.763868	0.965644	-1.03558	0.0792715	0.797661	-1.25367	0.151802	0.836793	-1.19504	0.0349415	1.33002	1.33002	0.0668165	0.78785	-1.26928	0.0688087	0.789525	-1.26658	0.000377516	1.93349	1.93349	0.24102	0.867252	-1.15307	0.840416	0.976876	-1.02367	7.15045	1.52491	0.189565	1
cg00975589	TTBK1	0.00577202	0.0611718	0.689266	-1.45082	0.0206419	1.63501	1.63501	0.0058437	0.52913	-1.88989	0.483246	0.8819	-1.13392	0.00430369	0.509999	-1.96079	0.201243	1.26879	1.26879	0.00282836	0.484199	-2.06526	0.732775	1.06231	1.06231	0.508306	0.888373	-1.12565	7.02254	3.46017	0.437977	1
cg18956706	TTBK1	0.0111568	0.41352	1.23969	1.23969	0.318863	1.30314	1.30314	0.561981	1.16265	1.16265	0.298226	0.757946	-1.31936	0.405355	0.803473	-1.2446	0.462051	0.824952	-1.21219	0.000236445	0.208918	-4.78657	0.40117	1.24715	1.24715	0.189047	1.42992	1.42992	5.70643	5.97026	0.929987	1
cg00084398	TTBK1	0.0173602	0.0368774	0.657633	-1.5206	0.0618541	0.695197	-1.43844	0.114434	0.743165	-1.3456	0.176844	0.78021	-1.28171	0.00612402	0.538783	-1.85604	0.104206	1.35948	1.35948	0.0232789	1.59809	1.59809	0.577381	1.10221	1.10221	0.206089	0.794069	-1.25934	4.93472	2.33603	0.420788	1
cg20434586	TTBK1	0.0189745	0.0296609	2.74897	2.74897	0.0214669	2.97824	2.97824	0.224656	1.65505	1.65505	0.116387	1.96205	1.96205	0.343168	0.679929	-1.47074	0.0402585	2.54995	2.54995	0.00626311	4.08413	4.08413	0.00491059	4.359	4.359	0.0466495	2.45941	2.45941	4.78923	11.8362	2.19682	1
cg02042649	TTBK1	0.0205618	0.0699134	3.12711	3.12711	0.0302263	4.1932	4.1932	0.736211	0.826787	-1.2095	0.0594927	3.30891	3.30891	0.385327	1.64986	1.64986	0.864889	1.10055	1.10055	0.00325227	9.55912	9.55912	0.00320872	9.61038	9.61038	0.0699629	3.12633	3.12633	4.66043	23.3594	4.45536	1
cg16568727	TTBK1	0.0216132	0.727594	0.910359	-1.09847	0.134217	1.54302	1.54302	0.000884911	3.81146	3.81146	0.976443	1.00796	1.00796	0.296344	0.747661	-1.3375	0.124869	1.56232	1.56232	0.788278	1.07497	1.07497	0.0548579	1.79463	1.79463	0.0319067	1.96456	1.96456	4.58172	5.23387	1.01541	1
cg17699330	TTBK1	0.030075	0.113134	0.669009	-1.49475	0.00292273	0.38553	-2.59383	0.460438	0.839295	-1.19148	0.555436	0.870197	-1.14917	0.0333171	0.559968	-1.78582	0.142016	0.692101	-1.44488	0.0360941	0.566513	-1.76518	0.00539482	0.425746	-2.34882	0.211052	0.735506	-1.35961	4.08321	3.51462	0.765111	1
cg25521481	TTBK1	0.0311151	0.0913709	1.83791	1.83791	0.102904	1.79338	1.79338	0.00651838	3.18137	3.18137	0.00765637	3.07155	3.07155	0.551293	1.21815	1.21815	0.351664	1.36859	1.36859	0.186461	0.632237	-1.58168	0.687598	1.14149	1.14149	0.0257746	2.37923	2.37923	4.03409	6.84705	1.50871	1
cg24901317	TTBK1	0.0331237	0.0568939	0.522653	-1.91332	0.0826302	0.560569	-1.7839	0.577804	0.844252	-1.18448	0.0977384	0.578659	-1.72813	0.859045	0.947882	-1.05498	0.598787	0.852257	-1.17335	0.000748639	0.214349	-4.66528	0.987986	0.995477	-1.00454	0.177307	0.649377	-1.53994	3.94474	5.66439	1.27638	1
cg19408467	TTBK1	0.0349619	0.0247601	0.610141	-1.63897	0.0186756	0.590416	-1.69372	0.383177	0.847643	-1.17974	0.48615	0.877391	-1.13974	0.897572	0.976476	-1.02409	0.473942	1.1441	1.1441	0.00876504	1.85355	1.85355	0.211742	0.784145	-1.27528	0.295396	0.818265	-1.2221	3.86866	2.09339	0.480991	1
cg00852534	TTBK1	0.041844	0.0337581	0.651476	-1.53498	0.499374	1.12583	1.12583	0.261708	0.816852	-1.22421	0.459939	0.878059	-1.13888	0.0110569	0.576483	-1.73466	0.350988	0.847116	-1.18048	0.0451634	0.672175	-1.48771	0.0835048	1.39251	1.39251	0.0478857	0.67641	-1.47839	3.62232	1.71392	0.420584	1
cg23514619	TTBK1	0.0422949	0.0804827	2.72194	2.72194	0.00876171	5.6096	5.6096	0.341427	1.65917	1.65917	0.708046	1.21446	1.21446	0.291064	1.76099	1.76099	0.0304611	3.71947	3.71947	0.024989	3.96525	3.96525	0.00649399	6.21662	6.21662	0.543674	1.37365	1.37365	3.60795	15.2435	3.75553	1
cg00238662	TTBK1	0.0443326	0.0868138	1.55585	1.55585	0.0545871	1.66466	1.66466	0.013541	2.04251	2.04251	0.0212026	1.91075	1.91075	0.319808	0.786419	-1.27159	0.0916739	1.54346	1.54346	0.139054	1.45081	1.45081	0.0213267	1.90911	1.90911	0.167145	1.41083	1.41083	3.54528	3.06695	0.768958	1
cg24787138	TTBK1	0.0460622	0.659471	1.11068	1.11068	0.230221	1.34712	1.34712	0.00741949	2.26231	2.26231	0.00594913	2.34291	2.34291	0.957645	1.01265	1.01265	0.637775	1.1188	1.1188	0.253398	1.32626	1.32626	0.244038	1.33444	1.33444	0.015715	2.01535	2.01535	3.49481	3.10152	0.788857	1
cg24129947	TTBK2	0.00157002	0.213357	2.20427	2.20427	0.010019	7.53738	7.53738	0.0209823	5.53753	5.53753	?	?	?	0.000896256	0.0415003	-24.0962	?	?	?	?	?	?	?	?	?	?	?	?	14.8546	36.6527	4.31802	1
cg21579239	TTBK2	0.0156347	0.0723676	0.44295	-2.25759	0.0134633	0.288663	-3.46425	0.784574	0.894688	-1.11771	0.321594	0.659775	-1.51567	0.0278006	0.347833	-2.87494	0.178978	0.560018	-1.78566	0.00199022	0.169816	-5.88871	0.00304215	0.192275	-5.20089	0.0660941	0.432901	-2.30999	5.11005	13.3476	2.3218	1
cg08194650	TTBK2	0.0314464	0.227296	0.8223	-1.2161	0.527424	1.10388	1.10388	0.728889	0.947707	-1.05518	0.421771	0.88102	-1.13505	0.000941813	0.466979	-2.14142	0.484253	1.11597	1.11597	0.211975	1.22501	1.22501	0.489789	1.11438	1.11438	0.14678	0.786325	-1.27174	4.01887	1.51659	0.335437	1
cg20066496	TTBK2	0.0383469	0.000808685	0.202534	-4.93744	0.656206	1.15209	1.15209	0.295785	0.709931	-1.40859	0.883416	0.954692	-1.04746	0.0945338	0.559492	-1.78734	0.583236	0.83938	-1.19136	0.131657	0.597949	-1.67238	0.119601	0.586453	-1.70517	0.281041	0.701841	-1.42482	3.74067	5.91567	1.40573	1
cg21153937	TTBK2	0.0409869	0.437704	1.15915	1.15915	0.937437	1.01475	1.01475	0.937579	0.985495	-1.01472	0.001059	0.405257	-2.46757	0.406621	1.1716	1.1716	0.86864	0.969593	-1.03136	0.684539	1.07918	1.07918	0.689262	1.07787	1.07787	0.130584	1.35605	1.35605	3.65017	2.01197	0.489955	1
cg22956315	TTC1	0.00937587	0.354717	0.84259	-1.18682	0.913003	0.980532	-1.01985	0.0445139	1.51445	1.51445	0.128845	0.744346	-1.34346	0.000201919	0.325741	-3.06993	0.997216	0.999373	-1.00063	0.78688	0.952419	-1.04996	0.214793	0.790637	-1.2648	0.317856	0.830493	-1.2041	6.03341	3.09234	0.455588	1
cg22641266	TTC1	0.0107003	0.179388	0.801781	-1.24722	0.440269	1.12966	1.12966	0.00969562	1.66016	1.66016	0.132781	0.777828	-1.28563	0.00486621	0.560856	-1.78299	0.0486038	0.705428	-1.41758	0.174163	0.799363	-1.251	0.0211264	1.53652	1.53652	0.747276	0.95115	-1.05136	5.78371	2.19807	0.337818	1
cg20646884	TTC1	0.0107688	0.608039	0.940329	-1.06346	0.0606908	0.777624	-1.28597	0.14685	0.830953	-1.20344	0.0171991	0.70803	-1.41237	0.525394	1.07954	1.07954	0.436314	1.09906	1.09906	0.00541913	1.5454	1.5454	0.00339817	0.622755	-1.60577	0.97957	1.00305	1.00305	5.77185	1.2931	0.199143	1
cg01222684	TTC1	0.0162035	0.23345	1.109	1.109	0.799312	1.02132	1.02132	0.686405	0.966944	-1.03419	0.402359	1.07356	1.07356	0.404017	1.07328	1.07328	0.000391998	0.626317	-1.59663	0.584185	1.04684	1.04684	0.542757	0.950256	-1.05235	0.131127	1.14453	1.14453	5.04971	0.548544	0.0965589	1
cg19024957	TTC1	0.0338248	0.0189283	1.52186	1.52186	0.661233	1.06732	1.06732	0.0393019	1.42237	1.42237	0.501877	0.904202	-1.10595	0.00544739	1.71638	1.71638	0.899816	1.01878	1.01878	0.12356	0.781567	-1.27948	0.684939	1.06212	1.06212	0.274852	0.845472	-1.18277	3.91513	1.35362	0.307325	1
cg23461714	TTC12	0.010433	0.0142184	18.2695	18.2695	0.00399492	41.1206	41.1206	0.0154619	17.3518	17.3518	0.0910155	5.97883	5.97883	0.172422	4.03496	4.03496	0.0903476	6.00547	6.00547	0.00335345	46.2446	46.2446	0.0038483	42.1598	42.1598	0.0179947	15.8146	15.8146	5.83091	85.2099	12.9898	1
cg16302655	TTC12	0.0109619	0.0160814	6.34327	6.34327	0.0783704	3.40853	3.40853	0.0327183	4.79233	4.79233	0.063356	3.70409	3.70409	0.0172834	6.16334	6.16334	0.0394589	4.45447	4.45447	0.00140833	18.1652	18.1652	0.00274861	13.3497	13.3497	0.0554044	3.9029	3.9029	5.73893	35.7478	5.53689	1
cg14632485	TTC12	0.02033	0.0380801	0.128927	-7.75632	0.00404635	0.037289	-26.8176	0.0161853	0.0815591	-12.2611	0.069779	0.177673	-5.62831	0.026776	0.106922	-9.35263	0.0725468	0.181383	-5.5132	0.00625874	0.0480537	-20.81	0.0444726	0.139966	-7.14458	0.0438951	0.139001	-7.19417	4.67846	53.7926	10.2204	1
cg10788217	TTC12	0.0273516	0.0274375	42.7617	42.7617	0.022658	50.8319	50.8319	0.0878573	15.0616	15.0616	0.130599	10.4903	10.4903	0.141349	9.74913	9.74913	0.0550769	22.9061	22.9061	0.00381442	274.96	274.96	0.00919691	116.875	116.875	0.0398846	30.5685	30.5685	4.22244	138.616	29.1808	1
cg21127537	TTC12	0.0396166	0.0797084	5.12927	5.12927	0.0278461	8.89289	8.89289	0.02844	8.79479	8.79479	0.115329	4.21759	4.21759	0.412838	2.02155	2.02155	0.11358	4.25217	4.25217	0.0073957	18.1955	18.1955	0.00846173	16.8815	16.8815	0.0894075	4.82818	4.82818	3.69622	41.3739	9.94984	1
cg12177743	TTC12	0.043109	0.0469006	43.8674	43.8674	0.035027	59.3069	59.3069	0.0832186	24.2347	24.2347	0.172903	11.1439	11.1439	0.161961	11.9669	11.9669	0.11978	16.5369	16.5369	0.00768512	297.013	297.013	0.0103909	213.616	213.616	0.0328691	63.3424	63.3424	3.58248	156.763	38.8964	1
cg27052403	TTC12	0.0432919	0.0340768	51.0158	51.0158	0.0319761	54.3352	54.3352	0.061905	28.2861	28.2861	0.130241	13.4406	13.4406	0.152541	11.4285	11.4285	0.0654611	26.7657	26.7657	0.00840112	211.053	211.053	0.0140731	123.819	123.819	0.0519021	33.6653	33.6653	3.57683	143.18	35.582	1
cg05127217	TTC12	0.0465087	0.035518	9.54445	9.54445	0.0173978	14.4257	14.4257	0.113463	4.8917	4.8917	0.457812	2.00748	2.00748	0.168954	3.86083	3.86083	0.082731	5.87718	5.87718	0.011171	18.749	18.749	0.0127866	17.2985	17.2985	0.0643026	6.79383	6.79383	3.48216	46.8535	11.9603	1
cg20173059	TTC12;TTC12	0.0257897	0.038237	22.1342	22.1342	0.0507651	17.6391	17.6391	0.0603164	15.3637	15.3637	0.226238	5.14803	5.14803	0.172265	6.51144	6.51144	0.106148	9.73397	9.73397	0.00309428	184.981	184.981	0.00772454	82.5147	82.5147	0.0159776	44.8848	44.8848	4.31028	113.525	23.4117	1
cg00018229	TTC13;ARV1;TTC13	0.0379046	0.0109405	0.160495	-6.23073	0.0465767	0.271009	-3.68992	0.11023	0.368915	-2.71065	0.168113	0.43108	-2.31975	0.0152617	0.181475	-5.5104	0.220706	0.478286	-2.0908	0.00752258	0.139398	-7.17372	0.0636623	0.302888	-3.30155	0.0457658	0.269321	-3.71304	3.75659	19.5247	4.61996	1
cg01805856	TTC13;TTC13	1.65E-05	0.0129711	0.757731	-1.31973	0.776627	1.02592	1.02592	7.61E-07	0.301821	-3.31323	0.817399	1.02103	1.02103	6.59E-06	0.405723	-2.46474	0.3787	1.08465	1.08465	0.199935	1.12956	1.12956	0.412221	1.07835	1.07835	0.00121011	0.652879	-1.53168	35.6246	4.56729	0.113961	1
cg03017653	TTC13;TTC13;ARV1	0.0303618	0.00819061	0.0618761	-16.1613	0.0788368	0.200855	-4.97871	0.0979724	0.224699	-4.45039	0.0814167	0.20421	-4.89691	0.00959848	0.0674188	-14.8327	0.265827	0.385332	-2.59517	0.014916	0.0852383	-11.7318	0.128509	0.258918	-3.86223	0.0107263	0.0715604	-13.9742	4.06946	43.598	9.52308	1
cg27306913	TTC13;TTC13;ARV1	0.0477827	0.394007	0.737381	-1.35615	0.215908	1.5753	1.5753	0.638765	0.847909	-1.17937	0.00124824	0.19296	-5.18243	0.284996	0.678744	-1.47331	0.079009	0.506349	-1.97492	0.799308	0.91494	-1.09297	0.394269	0.737512	-1.35591	0.361927	0.721086	-1.3868	3.44687	6.64681	1.7141	1
cg15870818	TTC14;TTC14	0.00231605	0.0131282	2.37114	2.37114	0.00405472	0.33852	-2.95403	0.0407101	0.515187	-1.94104	0.0968175	0.599505	-1.66804	0.00495024	0.351822	-2.84234	0.00109283	0.25866	-3.86608	0.00702141	0.37591	-2.66021	0.270055	1.38041	1.38041	0.0626594	0.555419	-1.80044	9.23714	11.5274	1.10928	1
cg10459387	TTC14;TTC14	0.00648068	0.00445517	0.473017	-2.11409	0.55513	0.88889	-1.125	0.103901	1.42033	1.42033	0.857742	1.03604	1.03604	0.00208827	0.425455	-2.35043	?	?	?	0.0354592	0.616814	-1.62123	0.0141225	0.550082	-1.81791	0.0172976	0.564317	-1.77205	6.91752	3.79222	0.548205	1
cg20296001	TTC14;TTC14	0.0139694	0.043998	0.634926	-1.57499	0.069755	1.48889	1.48889	0.0785702	1.46735	1.46735	0.768612	0.943745	-1.05961	0.386047	1.19053	1.19053	0.691814	1.08133	1.08133	0.000819667	0.37169	-2.69041	0.360008	0.831353	-1.20286	0.668204	1.08831	1.08831	5.3037	3.23559	0.542278	1
cg03154665	TTC14;TTC14	0.0199862	0.460513	0.796202	-1.25596	0.237203	0.686871	-1.45588	0.216278	0.673895	-1.48391	0.854775	0.945943	-1.05715	0.00422938	0.312992	-3.19497	0.00512178	0.325715	-3.07017	0.0630095	0.530279	-1.8858	0.284325	1.40124	1.40124	0.00897917	0.365008	-2.73966	4.70567	6.85665	1.2952	1
cg16496895	TTC14;TTC14	0.0228572	0.0734502	0.878625	-1.13814	0.593865	1.03551	1.03551	0.00606926	1.26151	1.26151	0.924465	1.00617	1.00617	0.0185601	1.20331	1.20331	0.0817074	1.13324	1.13324	0.283357	0.930285	-1.07494	0.0590674	0.87093	-1.1482	0.468357	1.049	1.049	4.49449	0.299199	0.0591734	1
cg00848033	TTC14;TTC14	0.0258442	0.818111	1.08023	1.08023	0.0568822	0.485785	-2.05853	0.0565223	0.485143	-2.06125	0.365633	1.36536	1.36536	0.590332	0.833529	-1.19972	0.0230507	2.48576	2.48576	0.118949	0.567234	-1.76294	0.161583	0.606038	-1.65006	0.00569986	0.296799	-3.36928	4.3071	7.65697	1.58023	1
cg00116172	TTC15	2.20E-05	1.31E-05	0.252525	-3.96	0.0981663	0.761095	-1.3139	0.0405411	0.7005	-1.42755	0.121211	1.28772	1.28772	0.0260281	0.671968	-1.48817	1.00E-05	0.240074	-4.16539	1.95E-05	0.271434	-3.68413	0.276694	0.843438	-1.18562	1.26E-05	0.250736	-3.98826	33.0527	11.8559	0.318841	1
cg27073086	TTC15	8.21E-05	0.00255085	0.410858	-2.43393	0.00032931	0.291569	-3.42972	0.0101869	0.502307	-1.99081	0.698922	1.0861	1.0861	0.00307495	0.42266	-2.36597	4.48E-06	0.106188	-9.4173	0.328742	0.807177	-1.23889	0.505323	0.8662	-1.15447	3.73E-05	0.185601	-5.38791	23.3404	16.6937	0.63576	1
cg01019113	TTC15	0.000244594	0.00191047	0.678553	-1.47372	0.000559968	1.60323	1.60323	0.00827215	1.347	1.347	0.735607	1.03035	1.03035	4.12E-05	0.50185	-1.99263	0.255969	0.900678	-1.11027	0.0442568	0.815584	-1.22611	0.0466605	1.22257	1.22257	0.454601	1.0695	1.0695	17.3933	2.1437	0.109555	1
cg24718526	TTC15	0.000249737	0.143877	0.888367	-1.12566	0.00173154	0.714004	-1.40055	0.000141015	0.609446	-1.64083	0.00447258	1.3308	1.3308	0.783949	1.02093	1.02093	0.0486408	1.18504	1.18504	0.000137217	1.64404	1.64404	0.12757	0.8832	-1.13225	0.476549	0.946896	-1.05608	17.2949	1.55659	0.0800022	1
cg04359351	TTC15	0.000620185	0.0817841	1.26995	1.26995	0.00634271	0.636182	-1.57188	4.21E-05	0.34604	-2.88984	0.015854	0.689215	-1.45093	0.000383454	0.473448	-2.11216	0.107981	0.805119	-1.24205	0.104503	1.24532	1.24532	0.992087	1.00121	1.00121	0.9509	0.992519	-1.00754	16.6345	3.83452	0.17929	1
cg12447832	TTC15	0.000963577	0.143581	1.45431	1.45431	0.000596714	3.53513	3.53513	0.00650173	2.32314	2.32314	0.000247367	4.23012	4.23012	0.00367581	2.54944	2.54944	0.00784765	2.25474	2.25474	0.00505963	2.41894	2.41894	0.000782271	3.35555	3.35555	0.468603	0.83884	-1.19212	11.8909	10.696	0.799563	1
cg25036132	TTC15	0.0013451	0.00118153	0.624123	-1.60225	0.00103938	0.61803	-1.61804	0.0105995	0.727232	-1.37508	0.221314	0.880384	-1.13587	0.270101	0.892442	-1.12052	0.0674389	0.816235	-1.22514	0.00160622	1.56575	1.56575	0.251937	0.888165	-1.12592	0.00466508	0.688804	-1.45179	10.8129	1.68164	0.138241	1
cg25841802	TTC15	0.00136924	0.0858062	0.663272	-1.50768	0.330503	0.804819	-1.24251	0.000767967	0.332312	-3.00922	0.291277	0.789142	-1.2672	4.96E-05	0.192615	-5.1917	0.039207	0.596913	-1.67528	0.00555703	0.454873	-2.19842	0.686377	0.915963	-1.09175	0.00652435	0.465637	-2.1476	10.7579	7.96743	0.658322	1
cg26701266	TTC15	0.00231334	0.000420085	0.376217	-2.65804	0.133409	0.753464	-1.3272	0.54282	1.11372	1.11372	0.389581	1.16668	1.16668	0.000411586	0.375078	-2.66611	0.436679	0.87045	-1.14883	0.0025571	0.481143	-2.07838	0.769097	1.05282	1.05282	0.103224	0.732243	-1.36567	9.24031	4.47438	0.430422	1
cg09761740	TTC15	0.00343666	0.00285694	0.426789	-2.34308	0.0451891	0.62085	-1.61069	0.106709	0.693948	-1.44103	0.429899	0.846078	-1.18192	0.000198023	0.273328	-3.65861	0.602622	1.11512	1.11512	0.420603	1.18611	1.18611	0.785063	1.05835	1.05835	0.00590564	0.473732	-2.1109	8.21858	5.60097	0.605779	1
cg06886081	TTC15	0.00361891	0.0997182	0.615742	-1.62406	0.0468518	0.542475	-1.8434	0.964578	1.01201	1.01201	0.959729	1.01366	1.01366	0.0037567	0.34943	-2.8618	0.75266	1.08869	1.08869	0.000411991	4.51406	4.51406	0.0660743	1.74054	1.74054	0.166105	1.48726	1.48726	8.09242	9.25963	1.0171	1
cg06942852	TTC15	0.00776055	0.18431	0.709581	-1.40928	0.819486	1.05727	1.05727	0.568917	1.15058	1.15058	0.779531	1.07076	1.07076	0.000612321	0.276451	-3.61728	0.00900582	0.445298	-2.24569	0.00407042	0.390851	-2.55852	0.940973	0.98212	-1.01821	0.0449835	0.57092	-1.75156	6.40504	6.02078	0.835561	1
cg21944138	TTC15	0.0102557	0.0143744	0.470943	-2.1234	0.00708609	0.419668	-2.38284	0.231086	0.730893	-1.36819	0.240058	0.735666	-1.35931	0.00548298	0.401989	-2.48763	0.315499	0.771824	-1.29563	0.0214876	1.99228	1.99228	0.103738	1.55892	1.55892	0.533641	0.854427	-1.17037	5.86304	5.78277	0.87672	1
cg02459375	TTC15	0.0110004	0.00855901	0.582925	-1.71549	0.0018714	2.03351	2.03351	0.58897	1.09174	1.09174	0.624549	1.0826	1.0826	0.679982	0.935441	-1.06901	0.9174	0.983447	-1.01683	0.00541431	1.80212	1.80212	0.711999	0.942082	-1.06148	0.943396	1.01149	1.01149	5.73245	2.35043	0.364463	1
cg21040360	TTC15	0.0144297	0.154971	0.592928	-1.68655	0.0207709	2.60091	2.60091	0.000871029	5.55756	5.55756	0.0266994	2.46371	2.46371	0.398387	0.743102	-1.34571	0.53454	1.24111	1.24111	0.175657	1.6397	1.6397	0.415102	1.33117	1.33117	0.654531	0.856696	-1.16727	5.24742	9.80066	1.66019	1
cg18154642	TTC15	0.0151134	0.199197	0.835096	-1.19747	0.0119138	1.51727	1.51727	0.021876	1.44113	1.44113	0.636662	1.06525	1.06525	0.499507	1.09534	1.09534	0.426677	1.11385	1.11385	0.000686631	1.99119	1.99119	0.816282	1.0314	1.0314	0.753365	1.04276	1.04276	5.16781	1.44441	0.248446	1
cg23599278	TTC15	0.0202233	0.338483	0.862611	-1.15927	0.00157521	1.97372	1.97372	0.326673	1.16379	1.16379	0.0542085	0.720888	-1.38718	0.535388	0.910267	-1.09858	0.678654	0.939502	-1.06439	0.0191008	1.52939	1.52939	0.959642	1.00761	1.00761	0.537178	0.910651	-1.09812	4.68684	1.66546	0.315864	1
cg12035103	TTC15	0.0289995	0.825039	1.04671	1.04671	0.0286121	1.70303	1.70303	0.798747	1.05409	1.05409	0.0874345	1.47552	1.47552	0.484645	1.15768	1.15768	0.192034	0.752228	-1.32938	0.0512464	1.58036	1.58036	0.00154679	2.55654	2.55654	0.887155	1.02971	1.02971	4.13626	2.78453	0.598401	1
cg04330546	TTC15	0.0322712	0.756478	1.08782	1.08782	0.0033452	0.339409	-2.9463	0.0733203	0.582519	-1.71668	0.141092	0.651595	-1.5347	0.0169408	0.454675	-2.19938	0.0459772	0.538527	-1.85692	0.501685	0.8315	-1.20265	0.726543	1.09967	1.09967	0.0296224	0.500101	-1.9996	3.98183	4.61802	1.03091	1
cg25113123	TTC15	0.0373885	0.54145	0.876521	-1.14087	0.675197	0.914065	-1.09401	0.00648854	2.12636	2.12636	0.137487	1.40641	1.40641	0.133091	0.707867	-1.41269	0.167237	0.730582	-1.36877	0.755849	1.06876	1.06876	0.158693	0.72526	-1.37882	0.0317544	0.58466	-1.7104	3.77545	2.71823	0.639978	1
cg02771681	TTC15	0.0379353	0.676107	0.934337	-1.07028	0.0482214	1.44042	1.44042	0.792895	1.04345	1.04345	0.526316	0.901417	-1.10936	0.868252	0.97352	-1.0272	0.615046	1.08542	1.08542	0.00504648	1.82111	1.82111	0.124854	0.764478	-1.30808	0.033938	0.670169	-1.49216	3.75548	1.5542	0.367866	1
cg11855769	TTC15	0.0382188	0.0439902	0.38015	-2.63054	0.251855	1.64906	1.64906	0.002776	5.6057	5.6057	0.773061	1.12843	1.12843	0.152749	0.527322	-1.89637	0.583943	1.25998	1.25998	0.251335	1.65005	1.65005	0.435681	0.717255	-1.3942	0.672463	0.8372	-1.19446	3.74526	10.3575	2.45822	1
cg21314662	TTC15	0.0414271	0.98141	1.00395	1.00395	0.0684637	0.708185	-1.41206	0.288817	0.830048	-1.20475	0.0617993	0.700589	-1.42737	0.2367	0.810801	-1.23335	0.852396	0.968982	-1.03201	0.061447	1.42823	1.42823	0.138934	1.30924	1.30924	0.00799008	0.562642	-1.77733	3.63578	1.64788	0.40288	1
cg00924631	TTC15	0.0422375	0.179381	0.451857	-2.21309	0.514007	1.44575	1.44575	0.139428	0.412334	-2.42522	0.339347	0.577797	-1.73071	0.00532028	0.129315	-7.73307	0.0186911	0.204422	-4.89184	0.0446203	0.276841	-3.61218	0.801455	1.15067	1.15067	0.0359014	0.256769	-3.89455	3.60977	17.7375	4.36777	1
cg12915819	TTC15	0.0469851	0.139085	0.673497	-1.48479	0.475577	1.19736	1.19736	0.0025612	0.353991	-2.82493	0.0877749	0.626353	-1.59654	0.457357	0.828693	-1.20672	0.696046	0.907127	-1.10238	0.0178506	0.489258	-2.04391	0.420978	0.815375	-1.22643	0.139088	0.673499	-1.48478	3.46883	3.38636	0.867755	1
cg06287858	TTC15;TSSC1	0.00433671	0.704302	0.908055	-1.10125	0.456456	0.825433	-1.21149	0.114635	0.647895	-1.54346	0.941484	1.01874	1.01874	0.0460427	0.560841	-1.78304	0.155031	0.680488	-1.46953	0.0769003	0.607982	-1.64479	0.198268	0.708978	-1.41048	4.81E-05	0.144407	-6.92487	7.66309	7.76567	0.900788	1
cg01386059	TTC15;TSSC1	0.00649854	0.630289	1.07249	1.07249	0.00194702	1.882	1.882	0.0678095	1.34339	1.34339	0.528338	1.09657	1.09657	0.0162963	1.52784	1.52784	0.0115012	1.57801	1.57801	0.000673389	2.11785	2.11785	0.572759	0.921053	-1.08571	0.976595	0.995776	-1.00424	6.76984	2.2326	0.293144	1
cg01472464	TTC15;TSSC1	0.0080444	0.0607723	1.87413	1.87413	0.00761686	2.77223	2.77223	0.0207504	2.28716	2.28716	0.211362	1.47887	1.47887	0.0767248	1.79498	1.79498	0.0448394	1.98231	1.98231	0.000469178	5.12276	5.12276	0.0077344	2.76387	2.76387	0.0199187	2.30479	2.30479	6.33311	8.8569	1.24312	1
cg04021910	TTC15;TSSC1	0.0138682	0.046426	0.72482	-1.37965	0.27921	1.17202	1.17202	0.967171	1.00582	1.00582	0.214119	0.831488	-1.20266	0.210988	0.830323	-1.20435	0.127341	1.2619	1.2619	0.0863286	1.30647	1.30647	0.261871	0.847839	-1.17947	0.000852198	0.493074	-2.02809	5.31638	1.676	0.280225	1
cg04955051	TTC16	0.0106154	0.00863329	0.373915	-2.67441	0.294509	1.37631	1.37631	0.128701	0.617317	-1.61991	0.0189133	0.433822	-2.30509	0.0148176	0.414469	-2.41273	0.0838311	0.570033	-1.75428	0.107952	0.597337	-1.6741	0.000937679	0.234513	-4.26415	0.0836468	0.569803	-1.75499	5.79854	7.92593	1.21501	1
cg13874049	TTC16	0.0125957	0.448631	1.1105	1.1105	0.0479561	0.735723	-1.35921	0.620207	1.07016	1.07016	0.879992	1.02072	1.02072	0.248251	0.84888	-1.17802	0.774619	0.96178	-1.03974	0.000319308	2.20533	2.20533	0.533974	1.08926	1.08926	0.247245	1.17847	1.17847	5.4864	1.60098	0.259386	1
cg14058848	TTC16;PTRH1	0.0134688	0.00308957	0.269204	-3.71466	0.237934	0.669885	-1.49279	0.0100716	0.349068	-2.86477	0.128337	0.586998	-1.70358	0.00269732	0.260907	-3.83279	0.0851648	0.539641	-1.85308	0.0098615	0.347514	-2.87758	0.0473184	0.479286	-2.08643	0.0475328	0.479723	-2.08454	5.36758	8.92908	1.47869	1
cg00301033	TTC17	0.00223706	0.000143523	0.182851	-5.46893	0.0178667	2.10959	2.10959	0.268149	0.741492	-1.34863	0.393035	0.797012	-1.25469	0.0382506	0.536487	-1.86398	0.665478	0.89333	-1.11941	0.0824815	0.607291	-1.64666	0.219379	1.39782	1.39782	0.00331074	0.354404	-2.82164	9.33155	9.93753	0.946613	1
cg12233232	TTC17	0.010552	0.0181851	0.186242	-5.36935	0.00312541	0.0936271	-10.6807	0.018557	0.187649	-5.3291	0.223826	0.472832	-2.11492	0.0100376	0.148871	-6.71722	0.03168	0.228487	-4.37662	0.00497713	0.113155	-8.83741	0.00679712	0.128017	-7.81148	0.04162	0.252398	-3.962	5.80971	31.6082	4.83608	1
cg18954943	TTC17	0.0107648	0.247487	1.17833	1.17833	0.26324	1.17151	1.17151	0.439062	0.898427	-1.11306	0.607165	0.932038	-1.07292	0.659362	1.06205	1.06205	0.0332848	0.713435	-1.40167	0.000251441	0.44072	-2.26901	0.484687	0.908125	-1.10117	0.855866	1.02498	1.02498	5.77254	1.68397	0.259307	1
cg07515919	TTC17	0.0161706	0.019597	0.425184	-2.35192	0.00808298	0.357498	-2.79722	0.499222	1.23123	1.23123	0.473801	1.24722	1.24722	0.00124352	0.239134	-4.18176	0.834754	0.938619	-1.0654	0.684563	0.883507	-1.13185	0.522782	1.21703	1.21703	0.249624	0.694286	-1.44033	5.05313	7.35962	1.29462	1
cg03502353	TTC17	0.0175299	0.00700768	0.190715	-5.24342	0.0642775	0.372339	-2.68572	0.0451262	0.335416	-2.98137	0.107221	0.43364	-2.30606	0.0177998	0.25432	-3.93205	0.030342	0.298273	-3.35263	0.0051747	0.173064	-5.7782	0.00906677	0.206812	-4.83532	0.0247744	0.280824	-3.56095	4.91866	17.5918	3.17915	1
cg19809735	TTC17	0.0220971	0.502524	1.13748	1.13748	0.00944925	1.86381	1.86381	0.0130129	1.79191	1.79191	0.513318	0.882068	-1.1337	0.716943	1.07135	1.07135	0.248901	1.25626	1.25626	0.989404	0.997489	-1.00252	0.208532	0.77805	-1.28526	0.00311054	2.1502	2.1502	4.54706	2.58039	0.504432	1
cg14324341	TTC17	0.0285511	0.2265	0.449781	-2.2233	0.0060591	0.104849	-9.53754	0.442106	0.610709	-1.63744	0.959801	1.03222	1.03222	0.766581	1.20599	1.20599	0.836058	0.877764	-1.13926	0.00189936	0.0627491	-15.9365	0.972141	1.02222	1.02222	0.0449499	0.235068	-4.25408	4.15909	26.077	5.57323	1
cg12412277	TTC17	0.0303996	0.396837	1.74011	1.74011	0.245985	2.1699	2.1699	0.207683	2.33554	2.33554	0.380621	1.77569	1.77569	0.988289	1.00941	1.00941	0.823717	1.1531	1.1531	0.000767692	0.0386614	-25.8656	0.806125	0.854707	-1.16999	0.754934	1.2213	1.2213	4.06766	26.2615	5.73882	1
cg06547771	TTC17	0.0423911	0.567792	0.713329	-1.40188	0.789188	0.855074	-1.16949	0.823439	0.877611	-1.13946	0.0503744	0.264528	-3.78032	0.567878	0.713384	-1.40177	0.00522182	0.105228	-9.50318	0.512261	1.47553	1.47553	0.0370488	4.25454	4.25454	0.151702	2.47608	2.47608	3.93044	20.7873	4.11352	1
cg03595924	TTC18	0.00949548	0.594491	0.850818	-1.17534	0.74996	0.908338	-1.10091	0.0178704	2.37634	2.37634	0.250466	1.43488	1.43488	0.00141916	0.249464	-4.00859	0.0539407	0.517948	-1.9307	0.71644	1.11592	1.11592	0.00734531	0.353807	-2.8264	0.856622	0.947072	-1.05589	6.0091	8.60439	1.27279	1
cg08496452	TTC18	0.0191427	0.0163339	1.59492	1.59492	0.0551117	1.4131	1.4131	0.311902	1.18098	1.18098	0.768083	0.954068	-1.04814	0.0239761	1.53454	1.53454	0.00543979	0.559039	-1.78878	0.314961	0.847703	-1.17966	0.446598	1.13129	1.13129	0.538425	0.905702	-1.10412	4.77497	1.91209	0.355948	1
cg23167087	TTC18	0.0301197	0.086351	0.492112	-2.03206	0.555889	1.24974	1.24974	0.998773	0.999425	-1.00058	0.493762	1.29703	1.29703	0.0591894	0.450578	-2.21937	0.960499	1.01871	1.01871	0.00464188	0.244343	-4.09261	0.00491026	0.247888	-4.03407	0.35965	0.702953	-1.42257	4.08106	9.05231	1.97167	1
cg09994017	TTC18	0.0353406	0.163293	0.918246	-1.08903	0.627861	1.0284	1.0284	0.244373	0.932571	-1.0723	0.563369	1.03405	1.03405	0.762243	1.01754	1.01754	0.446896	0.956535	-1.04544	0.0293219	0.863168	-1.15852	0.00279297	1.26644	1.26644	0.354451	0.946858	-1.05613	3.85359	0.200532	0.0462558	1
cg05444548	TTC18	0.0381649	0.102695	0.743847	-1.34436	0.868742	1.02779	1.02779	0.14876	1.2926	1.2926	0.411914	1.14917	1.14917	0.466652	0.884472	-1.13062	0.039586	0.674046	-1.48358	0.0058787	0.550234	-1.81741	0.023351	0.638213	-1.56688	0.805102	0.959855	-1.04182	3.7472	1.63006	0.386674	1
cg00450475	TTC18;TTC18	0.00911309	0.895187	0.972948	-1.0278	0.260715	1.27643	1.27643	0.0964615	0.684047	-1.46189	0.261954	0.783972	-1.27556	0.000189652	0.270024	-3.70338	0.507056	1.15033	1.15033	0.029299	0.586128	-1.70611	0.62535	0.902679	-1.10781	0.513734	0.871281	-1.14774	6.08819	4.17423	0.609447	1
cg11647439	TTC19	0.0118733	0.383039	0.847798	-1.17953	0.00751628	0.529941	-1.887	0.0853644	0.703952	-1.42055	0.0911445	1.40981	1.40981	0.900458	0.977167	-1.02337	0.0610538	0.677297	-1.47646	0.00220345	2.20812	2.20812	0.923334	0.98239	-1.01793	0.494787	0.879886	-1.13651	5.59272	3.01778	0.479636	1
cg18242398	TTC19;ZSWIM7;ZSWIM7;ZSWIM7;ZSWIM7	0.000879013	0.00245394	0.558184	-1.79152	0.630142	1.06944	1.06944	0.239542	1.18581	1.18581	0.00323436	0.573598	-1.74338	0.766818	0.959685	-1.04201	0.0357281	0.713071	-1.40239	0.0588434	1.34351	1.34351	0.189261	0.82495	-1.2122	0.000123283	2.52631	2.52631	12.2038	3.70092	0.269565	1
cg00239685	TTC21A;TTC21A;GORASP1	0.0380785	0.0057258	2.23096	2.23096	0.0935512	1.50463	1.50463	0.00919332	2.08046	2.08046	0.683532	1.09504	1.09504	0.538382	1.14797	1.14797	0.890725	1.03092	1.03092	0.0873171	0.658269	-1.51914	0.972736	0.992458	-1.0076	0.689053	0.914756	-1.09319	3.75031	2.91444	0.690774	1
cg24207698	TTC21B	0.0147933	0.0899815	0.444771	-2.24835	0.843637	1.08939	1.08939	0.601602	1.25656	1.25656	0.597976	0.793978	-1.25948	0.00117775	0.127011	-7.87331	0.479336	0.732154	-1.36583	0.00323553	0.17529	-5.70482	0.902529	1.05455	1.05455	0.0306216	0.332478	-3.00771	5.20451	15.4927	2.64603	1
cg07063916	TTC21B	0.0465437	0.225138	0.538925	-1.85555	0.75201	0.857424	-1.16628	0.271837	0.574052	-1.742	0.374938	0.642824	-1.55564	0.0208098	0.259224	-3.85766	0.318339	0.606252	-1.64948	0.00183473	0.11677	-8.56386	0.189877	0.509796	-1.96157	0.0346685	0.30272	-3.30338	3.48118	12.9814	3.3147	1
cg10985993	TTC21B;TTC21B	0.022238	0.494587	0.883701	-1.1316	0.161409	1.3055	1.3055	0.132664	1.33538	1.33538	0.572108	1.10712	1.10712	0.182845	0.77727	-1.28655	0.901357	0.978139	-1.02235	0.00126357	0.432217	-2.31365	0.123758	1.34602	1.34602	0.191333	1.27967	1.27967	4.53715	2.28327	0.447324	1
cg15089077	TTC22	0.0459825	0.032293	5.51885	5.51885	0.0573244	4.32809	4.32809	0.394598	1.81147	1.81147	0.198738	2.52287	2.52287	0.0481573	4.6593	4.6593	0.288959	2.11713	2.11713	0.00422968	13.5915	13.5915	0.0549881	4.405	4.405	0.0231538	6.36013	6.36013	3.49709	25.7163	6.53657	1
cg24685134	TTC22;TTC22	0.000161147	0.0760888	0.54662	-1.82942	0.0182093	2.40424	2.40424	0.946453	0.979657	-1.02077	0.00242345	0.274679	-3.64061	0.155401	1.59234	1.59234	0.00526534	0.324357	-3.08302	1.22E-05	0.0592523	-16.877	0.00146737	4.07677	4.07677	0.376117	1.32041	1.32041	19.4767	28.8845	1.31825	1
cg02935904	TTC22;TTC22	0.00043574	0.347753	1.22643	1.22643	0.0331967	1.69152	1.69152	0.814626	0.951622	-1.05084	0.00181241	0.392071	-2.55056	0.0623628	1.55721	1.55721	0.0554302	0.632318	-1.58148	2.23E-05	0.166067	-6.02166	0.02198	1.78627	1.78627	0.846338	0.959865	-1.04181	14.8453	10.4802	0.627517	1
cg18972998	TTC22;TTC22	0.000564557	0.000863135	7.5233	7.5233	0.000712883	8.00076	8.00076	0.0127615	3.48441	3.48441	0.0136506	3.42401	3.42401	0.00200691	5.80667	5.80667	0.0117231	3.56234	3.56234	6.40E-05	19.408	19.408	0.000650074	8.24504	8.24504	0.00519018	4.43015	4.43015	13.8163	35.6195	2.29162	1
cg04871778	TTC22;TTC22	0.000796268	0.0321377	0.507343	-1.97105	0.00486039	2.7443	2.7443	0.223345	1.41327	1.41327	0.171662	0.674744	-1.48204	0.0145646	0.443286	-2.25588	0.00975319	0.41326	-2.41979	0.00121998	0.27817	-3.59493	0.00105412	3.70606	3.70606	0.0325644	1.96668	1.96668	12.5486	14.5272	1.02905	1
cg22130834	TTC22;TTC22	0.00374574	0.0086596	2.72602	2.72602	0.452752	1.25762	1.25762	0.303111	1.37664	1.37664	0.208947	0.672402	-1.48721	0.84289	0.942268	-1.06127	0.374985	0.761195	-1.31372	0.0024345	0.282409	-3.54097	0.0017764	3.79401	3.79401	0.0118364	2.5644	2.5644	8.0092	11.3909	1.2642	1
cg19808825	TTC22;TTC22	0.0065106	0.00568805	4.1543	4.1543	0.599409	1.23135	1.23135	0.0944429	2.05821	2.05821	0.966279	0.983538	-1.01674	0.197584	1.70707	1.70707	0.753119	0.883474	-1.1319	0.0615031	0.437321	-2.28665	0.00464783	4.38493	4.38493	0.000937618	6.94728	6.94728	6.76595	16.5209	2.17047	1
cg11247674	TTC22;TTC22	0.00724141	0.922186	0.962543	-1.03891	0.318269	0.668273	-1.49639	0.157852	0.554307	-1.80405	0.00434981	0.225648	-4.43169	0.259752	1.58306	1.58306	0.0203596	0.335364	-2.98183	0.00045717	0.115709	-8.64234	0.71702	1.15283	1.15283	0.0395413	0.394447	-2.5352	6.54547	15.8272	2.14936	1
cg21579578	TTC22;TTC22	0.00783444	0.0903719	0.722212	-1.38463	0.0971109	1.37375	1.37375	0.761209	0.948233	-1.05459	0.00180434	0.461168	-2.16841	0.0408355	0.662514	-1.5094	0.0083572	0.5556	-1.79986	0.672412	1.07699	1.07699	0.0261893	0.631277	-1.58409	0.00626823	0.537347	-1.86099	6.386	3.07605	0.428165	1
cg20569588	TTC22;TTC22	0.0153564	0.30699	1.34214	1.34214	0.919535	0.972275	-1.02852	0.117886	1.60398	1.60398	0.726653	1.10258	1.10258	0.0941913	1.66863	1.66863	0.145753	0.647529	-1.54433	0.000862851	0.248621	-4.02219	0.0698182	1.75796	1.75796	0.871036	0.955798	-1.04625	5.14058	6.30361	1.08999	1
cg24697184	TTC22;TTC22	0.0300214	0.0220444	4.89503	4.89503	0.0964642	2.87364	2.87364	0.032713	4.24297	4.24297	0.0848356	3.01096	3.01096	0.337865	1.77083	1.77083	0.0659143	3.29827	3.29827	0.533783	1.43979	1.43979	0.00508922	8.51222	8.51222	0.00562003	8.18674	8.18674	4.0858	21.6474	4.70952	1
cg00093794	TTC22;TTC22	0.0321259	0.0293098	0.306127	-3.26662	0.991241	1.00507	1.00507	0.0844033	0.414704	-2.41136	0.159883	0.500363	-1.99855	0.0135987	0.244698	-4.08667	0.0346619	0.321251	-3.11283	0.0113314	0.231768	-4.31466	0.00793744	0.208139	-4.80447	0.352848	0.643521	-1.55395	3.98827	13.4289	2.99297	1
cg17457014	TTC22;TTC22	0.0369148	0.302496	0.758896	-1.3177	0.836402	1.05486	1.05486	0.396612	0.799145	-1.25134	0.653698	1.12372	1.12372	0.038005	0.537239	-1.86137	0.375229	0.790517	-1.26499	0.0165261	0.469361	-2.13055	0.00677714	0.403977	-2.47539	0.0791495	1.65444	1.65444	3.79305	4.00784	0.939224	1
cg04264272	TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23	0.0226929	0.70053	1.06446	1.06446	0.0940929	1.34652	1.34652	0.152165	1.28138	1.28138	0.926794	0.985256	-1.01496	0.00067255	0.431408	-2.31799	0.605905	0.91932	-1.08776	0.496829	0.894483	-1.11796	0.558344	0.90876	-1.1004	0.263061	0.828121	-1.20755	4.50567	1.86432	0.367798	1
cg13000136	TTC23L	7.59E-05	0.00411224	0.542258	-1.84414	0.000925042	0.455377	-2.19598	0.00653259	0.570129	-1.75399	0.255946	1.20751	1.20751	0.00142661	0.480177	-2.08257	0.0043818	1.83132	1.83132	0.000178758	0.364505	-2.74345	5.30E-05	3.32077	3.32077	0.066989	0.721459	-1.38608	23.828	9.5413	0.355933	1
cg09124392	TTC23L	0.000980491	0.376617	0.720044	-1.3888	0.00452137	0.75565	-1.32336	[illegible]	0.720027	-1.38884	0.902724	0.956703	-1.04526	4.73E-05	0.0622869	-16.0547	0.0454808	0.43588	-2.29421	0.92546	0.966692	-1.03446	0.282585	0.667515	-1.49809	0.00123465	0.180884	-5.52841	11.8324	24.5577	1.84485	1
cg22956431	TTC23L	0.0029747	0.00658281	1.49381	1.49381	0.254938	0.873552	-1.14475	0.00141998	1.69069	1.69069	0.150386	1.19164	1.19164	0.835698	1.0239	1.0239	0.020359	1.3744	1.3744	0.00806501	0.679799	-1.47102	0.133583	0.831909	-1.20205	0.00887812	1.46046	1.46046	8.57969	1.75774	0.182109	1
cg01676959	TTC23L	0.0153538	0.0920288	0.584939	-1.70958	0.335746	1.33242	1.33242	0.596785	0.856957	-1.16692	0.124596	1.61728	1.61728	0.000400906	0.196324	-5.09362	0.933993	1.02424	1.02424	0.976283	0.991441	-1.00863	0.123388	0.617172	-1.62029	0.602306	0.858981	-1.16417	5.14088	6.80661	1.1769	1
cg02683873	TTC23L	0.0182214	0.722392	0.934055	-1.0706	0.00199976	0.434185	-2.30317	0.0933527	0.702595	-1.4233	0.388419	1.18418	1.18418	0.345562	0.830456	-1.20416	0.0985186	1.41409	1.41409	0.151722	0.745487	-1.34141	0.651923	0.916822	-1.09072	0.0209402	1.70121	1.70121	4.85511	2.81234	0.514891	1
cg15003812	TTC23L	0.0230667	0.00628082	0.296029	-3.37805	0.396741	0.741251	-1.34544	0.0519243	0.469447	-2.13017	0.928664	1.03109	1.03109	0.0355462	0.265717	-3.7634	0.601884	0.835292	-1.19719	0.0155481	0.562457	-2.7582	0.505459	0.917009	-1.25991	0.0187864	0.377781	-2.64703	4.88038	8.29592	1.64587	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00118966	TTC24	0.00162282	0.853018	1.03994	1.03994	0.151942	0.723198	-1.38275	0.00062023	0.328878	-3.04064	0.0102295	1.98085	1.98085	0.00227517	0.406081	-2.46256	0.16231	1.37025	1.37025	0.0131381	0.522412	-1.9142	0.00786671	0.486767	-2.05437	0.0127913	0.520515	-1.92118	10.2445	7.23291	0.627584	1
cg27633762	TTC24	0.00818931	0.00321929	1.89309	1.89309	0.644313	0.928852	-1.0766	0.0539326	1.41534	1.41534	0.19167	1.24538	1.24538	0.00031835	2.52289	2.52289	0.052622	1.41877	1.41877	0.0558788	1.4104	1.4104	0.214334	1.23065	1.23065	0.224847	1.22433	1.22433	6.29759	2.5138	0.354816	1
cg06160530	TTC24	0.00869971	0.0374223	0.577498	-1.73161	0.0358631	1.74206	1.74206	0.00853199	0.466246	-2.14479	0.151353	0.705024	-1.41839	0.00233358	0.380524	-2.62795	0.00975753	0.47568	-2.10225	0.748665	0.929524	-1.07582	0.106874	0.670187	-1.49212	0.0456991	0.594029	-1.68342	6.17847	5.0576	0.727631	1
cg01010328	TTC24	0.00943874	0.00690703	0.0840375	-11.8994	0.146919	0.332015	-3.01191	0.0103937	0.101713	-9.83162	0.0932092	0.270375	-3.69857	0.0106862	0.103023	-9.70656	0.0280806	0.159239	-6.27987	0.00112217	0.0334566	-29.8894	0.0269663	0.156407	-6.39357	0.0147371	0.119323	-8.38063	6.02059	47.8346	7.06238	1
cg21010646	TTC24	0.0114161	0.114079	1.53261	1.53261	0.0521253	0.577666	-1.73111	0.0214061	0.503243	-1.98711	0.00849978	0.434172	-2.30324	0.00127058	0.311035	-3.21507	0.0883804	0.626878	-1.59521	0.0903984	0.629089	-1.5896	0.462828	0.830573	-1.20399	0.0591115	0.588986	-1.69783	5.66425	5.53509	0.868621	1
cg19365614	TTC24	0.014067	0.176065	1.28432	1.28432	0.0291936	1.56366	1.56366	0.00207478	2.12586	2.12586	0.162723	1.29593	1.29593	0.986175	1.00302	1.00302	0.939011	0.986777	-1.0134	0.00120988	2.28044	2.28044	0.819996	0.961128	-1.04044	0.288956	1.21105	1.21105	5.29158	2.53602	0.426005	1
cg09319828	TTC24	0.0177037	0.0142528	0.0524492	-19.0661	0.0392746	0.0977025	-10.2352	0.018845	0.0623881	-16.0287	0.0739529	0.143392	-6.97391	0.0215309	0.0677259	-14.7654	0.0370602	0.0943242	-10.6017	0.00293839	0.0186236	-53.6953	0.0199574	0.0646353	-15.4714	0.0260835	0.0761726	-13.1281	4.90239	73.8368	13.3879	1
cg15830449	TTC24	0.018313	0.27924	0.899254	-1.11203	0.0795272	0.832176	-1.20167	0.0019904	0.662249	-1.51001	0.202093	0.880613	-1.13557	0.00295472	0.680313	-1.46991	0.105375	0.846192	-1.18176	0.421942	1.08051	1.08051	0.486951	0.935502	-1.06894	0.0354703	0.793648	-1.26	4.84692	0.683997	0.12544	1
cg09796170	TTC24	0.0379019	0.578584	0.7976	-1.25376	0.858337	0.930521	-1.07467	0.662793	0.83791	-1.19345	0.075314	0.450173	-2.22137	0.00194212	0.170859	-5.85278	0.0637351	0.431688	-2.31649	0.011965	0.28258	-3.53881	0.954934	0.97748	-1.02304	0.186678	0.568828	-1.758	3.75669	9.66522	2.28694	1
cg03760759	TTC24;TTC24	0.00118767	0.0032463	1.61233	1.61233	0.00615216	0.653568	-1.53006	0.0857635	0.797743	-1.25354	0.283792	1.14169	1.14169	0.635522	0.944768	-1.05846	0.123258	1.21979	1.21979	9.21E-05	2.29541	2.29541	0.133744	1.21222	1.21222	0.0577068	1.29094	1.29094	11.2048	2.5129	0.199352	1
cg26476599	TTC25	0.000737891	0.0055705	0.489957	-2.041	0.0133688	1.74286	1.74286	0.000246156	0.197238	-5.07001	0.00305761	2.31808	2.31808	0.0182452	1.6588	1.6588	0.0419908	0.678856	-1.47307	0.0391623	1.48678	1.48678	0.000240949	0.195493	-5.11528	0.00642435	0.503778	-1.985	56.5902	15.2356	0.119656	1
cg16006242	TTC25	0.00821393	0.606761	0.902494	-1.10804	0.0279187	0.598502	-1.67084	0.00564159	0.487817	-2.04995	0.416487	0.848659	-1.17833	0.0286301	0.600366	-1.66565	0.00135974	0.398971	-2.50645	0.0686785	0.668532	-1.49581	0.0567817	1.5312	1.5312	0.439093	1.16876	1.16876	6.29164	3.89098	0.549722	1
cg14340336	TTC25	0.0246004	0.00976589	0.0863822	-11.5765	0.00727515	0.0746806	-13.3904	0.0968694	0.255172	-3.91893	0.437655	0.552461	-1.81008	0.00681387	0.0722746	-13.8361	0.0842547	0.238947	-4.18503	0.0158331	0.109135	-9.16299	0.163027	0.327605	-3.05246	0.0380671	0.164964	-6.06195	4.3817	38.9794	7.90751	1
cg12003245	TTC25;TTC25	0.0138446	0.987092	0.998645	-1.00136	0.00229737	0.69974	-1.4291	0.782707	0.977102	-1.02343	0.0991624	1.16353	1.16353	0.0325868	1.23315	1.23315	0.00712689	1.33805	1.33805	0.85615	0.984911	-1.01532	0.370237	1.08015	1.08015	0.295324	1.0952	1.0952	5.31936	0.591453	0.0988346	1
cg21649325	TTC26;TTC26;TTC26	3.61E-06	5.06E-07	0.11352	-8.80905	0.153032	1.26771	1.26771	0.488666	1.11521	1.11521	0.266327	0.835654	-1.19667	0.00250221	0.521518	-1.91748	3.58E-07	0.102768	-9.73063	0.00615999	1.74005	1.74005	0.845817	0.970271	-1.03064	0.0102446	0.605501	-1.65152	52.7926	20.0923	0.338302	1
cg05660884	TTC26;TTC26;TTC26	0.0157364	0.771261	1.10589	1.10589	0.00378724	0.259595	-3.85216	0.111381	0.549515	-1.81979	0.226328	1.55055	1.55055	0.0669792	0.492169	-2.03182	0.415729	0.750363	-1.33269	0.0116532	0.336727	-2.96976	0.0112128	0.333836	-2.99548	0.201606	1.59293	1.59293	5.09907	9.62651	1.67813	1
cg20104432	TTC26;TTC26;TTC26	0.0300154	0.927216	1.02153	1.02153	0.745962	1.07874	1.07874	0.587759	1.13612	1.13612	0.153721	1.42779	1.42779	0.0549926	0.602079	-1.66091	0.0837267	0.640002	-1.5625	0.0203265	0.520898	-1.91976	0.346957	0.797865	-1.25334	0.0082664	2.19779	2.19779	4.08609	3.51837	0.765389	1
cg10070257	TTC26;TTC26;TTC26	0.030975	0.0138887	0.513038	-1.94917	0.0027021	0.402516	-2.48437	0.443955	0.842509	-1.18693	0.797183	1.05818	1.05818	0.556765	0.877653	-1.1394	0.632788	0.899695	-1.11149	0.00819573	0.475784	-2.10179	0.416311	0.833256	-1.20011	0.844513	1.04406	1.04406	4.04059	3.08535	0.678747	1
cg05284724	TTC26;TTC26;TTC26	0.0363837	0.459053	1.07929	1.07929	0.0552286	1.24604	1.24604	0.0678381	1.23002	1.23002	0.76039	1.03144	1.03144	0.600877	1.05488	1.05488	0.0677096	0.812899	-1.23017	0.0168245	0.744359	-1.34344	0.0288615	0.770412	-1.29801	0.988773	0.998577	-1.00143	3.81311	0.61869	0.144225	1
cg00995798	TTC27	2.44E-07	0.93686	0.995554	-1.00447	2.37E-09	4.77307	4.77307	0.0016107	1.28966	1.28966	0.0307155	1.15345	1.15345	0.0717246	0.893064	-1.11974	0.00438162	0.807323	-1.23866	0.0263084	1.15975	1.15975	2.95E-05	1.58464	1.58464	0.156966	1.08887	1.08887	105.016	5.26209	0.04454	1
cg26189067	TTC27	9.68E-07	1.15E-07	6.81951	6.81951	2.94E-05	2.52324	2.52324	0.0102439	0.693703	-1.44154	0.000158915	2.07419	2.07419	0.937167	0.991131	-1.00895	0.295931	0.884734	-1.13028	5.62E-07	4.78189	4.78189	3.24E-06	3.47159	3.47159	0.0225557	1.36159	1.36159	73.936	14.9517	0.179756	1
cg26114642	TTC27	6.57E-06	0.849429	1.01628	1.01628	6.54E-08	4.71425	4.71425	0.0826297	1.17741	1.17741	0.0395954	0.816924	-1.2241	0.894307	1.01136	1.01136	0.0507174	0.827665	-1.20822	0.0552378	1.20279	1.20279	0.00914064	1.32487	1.32487	0.00264144	1.42405	1.42405	45.2358	5.17174	0.101625	1
cg09303312	TTC27	1.17E-05	0.280997	0.804	-1.24378	6.41E-06	7.09275	7.09275	0.000351596	3.05905	3.05905	0.000463829	2.92188	2.92188	0.00533082	0.489337	-2.04358	8.68E-05	3.93845	3.93845	4.73E-06	7.69115	7.69115	4.62E-05	4.4721	4.4721	0.179268	1.32015	1.32015	38.9532	23.3843	0.533615	1
cg24338331	TTC27	0.00292063	0.0251442	0.442654	-2.2591	0.305701	1.38339	1.38339	0.0298367	0.457398	-2.18628	0.000164	0.139919	-7.147	0.0676106	0.534438	-1.87113	0.15876	1.58556	1.58556	0.699065	0.887923	-1.12622	0.126139	0.602672	-1.65928	0.0301672	2.18168	2.18168	8.62651	12.7931	1.31822	1
cg21992501	TTC27	0.0114059	0.834144	0.974819	-1.02583	0.00434175	0.629017	-1.58978	0.0784816	0.788417	-1.26836	0.0191515	0.708362	-1.41171	0.116763	0.812795	-1.23032	0.746016	0.961241	-1.04032	0.485116	1.09012	1.09012	0.0611357	0.773629	-1.29261	0.00083417	0.54245	-1.84349	5.66589	1.32758	0.208276	1
cg03137700	TTC27	0.0166209	0.011551	0.411705	-2.42892	0.0187483	0.449191	-2.22622	0.134381	0.635353	-1.57393	0.490387	0.821316	-1.21756	0.00806056	0.385347	-2.59506	0.0404681	0.514314	-1.94434	0.017449	0.443477	-2.25491	0.668114	1.12884	1.12884	0.00467485	0.347611	-2.87677	5.00707	6.26087	1.11147	1
cg15336778	TTC27	0.0256215	0.0106016	0.457092	-2.18774	0.368543	0.798547	-1.25227	0.357731	0.794235	-1.25907	0.74328	1.08334	1.08334	0.523882	1.17039	1.17039	0.0566992	0.591327	-1.69111	0.00119553	0.314577	-3.17888	0.199853	0.719008	-1.39081	0.82115	0.946341	-1.0567	4.32013	4.05937	0.835235	1
cg01823827	TTC27	0.0349976	0.160418	0.680595	-1.4693	0.354524	0.783163	-1.27687	0.0462987	0.556672	-1.79639	0.314898	0.765925	-1.30561	0.00141984	0.305805	-3.27006	0.232832	0.725402	-1.37855	0.718106	0.911172	-1.09749	0.335362	0.774976	-1.29036	0.00976992	0.432392	-2.31271	3.86723	4.03293	0.926976	1
cg05776245	TTC27	0.0440783	0.594742	1.20097	1.20097	0.0168731	0.369996	-2.70273	0.0657701	0.494505	-2.02222	0.0178224	2.67085	2.67085	0.656551	1.16491	1.16491	0.139143	1.72102	1.72102	0.721723	0.885172	-1.12972	0.397809	1.3435	1.3435	0.174205	0.610787	-1.63723	3.55291	6.54571	1.63765	1
cg08735990	TTC27;TTC27	0.0460689	0.484537	1.16278	1.16278	0.341595	0.812165	-1.23128	0.0956	1.47503	1.47503	0.010629	1.97788	1.97788	0.0190816	1.82639	1.82639	0.285012	0.789961	-1.26589	0.486143	1.16212	1.16212	0.10648	0.687819	-1.45387	0.383793	1.20877	1.20877	3.49462	2.49481	0.634577	1
cg06969287	TTC28	1.58E-05	0.55251	1.13417	1.13417	3.28E-06	10.0149	10.0149	0.145104	1.38796	1.38796	0.231184	1.301	1.301	4.28E-05	5.09931	5.09931	1.88E-06	11.9243	11.9243	0.00859895	2.01802	2.01802	0.971203	1.00759	1.00759	0.000116663	4.11384	4.11384	36.0333	25.0511	0.617975	1
cg07562773	TTC28	0.000722239	0.00815403	0.661959	-1.51067	0.00937418	0.669402	-1.49387	0.00453115	0.630793	-1.58531	0.551997	0.929315	-1.07606	1.98E-05	0.348803	-2.86695	0.379232	0.895921	-1.11617	0.0416341	0.751146	-1.3313	0.00403509	0.624671	-1.60084	0.00191549	0.585472	-1.70802	12.8974	3.03193	0.208961	1
cg04294888	TTC28	0.00104123	0.121603	1.66946	1.66946	0.0578307	1.92504	1.92504	0.131541	0.608265	-1.64402	0.453719	1.26247	1.26247	0.911849	1.0344	1.0344	1.55E-05	15.3332	15.3332	0.0788749	0.551065	-1.81467	0.837281	1.06481	1.06481	0.952033	1.01854	1.01854	11.6324	17.1807	1.31286	1
cg12565055	TTC28	0.00519803	0.810125	1.03374	1.03374	0.0295539	0.702395	-1.4237	0.0132417	0.654878	-1.527	0.290747	0.859706	-1.16319	0.127539	0.79677	-1.25507	0.0318268	1.41465	1.41465	0.000337579	0.450827	-2.21814	0.0517939	0.737017	-1.35682	0.066187	0.752669	-1.3286	7.25199	2.18338	0.267621	1
cg11553654	TTC28	0.0077991	0.028223	0.775688	-1.28918	0.796489	0.974982	-1.02566	0.0253547	0.770602	-1.29769	0.257619	1.12279	1.12279	0.000224477	0.547805	-1.82547	0.990132	0.998788	-1.00121	0.730434	1.03449	1.03449	0.642636	0.955223	-1.04688	0.414877	1.08514	1.08514	6.39508	0.973436	0.135304	1
cg27422872	TTC28	0.0125449	?	?	?	0.0620584	3.47735	3.47735	0.404516	0.602913	-1.65861	0.749418	1.20937	1.20937	0.886965	1.08804	1.08804	0.000345957	30.4224	30.4224	0.346352	1.77763	1.77763	0.995113	0.996374	-1.00364	0.0446498	3.92586	3.92586	5.6005	27.7466	4.9543	1
cg05838101	TTC28	0.0144451	0.346083	0.807879	-1.23781	0.751051	1.07249	1.07249	0.00285587	0.405535	-2.46588	0.999052	0.999739	-1.00026	0.00202418	0.383966	-2.60439	0.00531609	0.445952	-2.24239	0.324809	0.799669	-1.25052	0.520157	0.866466	-1.15411	0.158538	0.717924	-1.39291	5.24557	4.01615	0.680557	1
cg21537212	TTC28	0.0168232	0.509754	1.13571	1.13571	0.138006	0.737902	-1.35519	0.508892	0.880269	-1.13602	0.575382	1.11372	1.11372	0.000347989	0.33466	-2.9881	0.913107	0.979441	-1.02099	0.41347	1.17247	1.17247	0.221224	0.782926	-1.27726	0.0925137	0.703048	-1.42238	4.98688	2.8605	0.509871	1
cg06635900	TTC29	5.19E-06	5.79E-05	0.266963	-3.74584	7.19E-05	0.277727	-3.60066	1.86E-06	0.122531	-8.16122	0.661138	1.08128	1.08128	2.07E-06	0.126211	-7.92321	0.0527546	0.677023	-1.47706	2.66E-06	0.134991	-7.40791	0.00062742	0.393998	-2.53808	0.00018096	0.325499	-3.0722	48.0691	23.8924	0.441816	1
cg14332570	TTC29	0.00569106	0.464905	0.708273	-1.41189	0.00514374	0.180193	-5.54959	0.00528041	0.181691	-5.50384	0.806308	1.12067	1.12067	0.0682768	0.388013	-2.57723	0.0168443	0.25861	-3.86682	0.000388661	0.0725495	-13.7837	0.468112	0.710088	-1.40828	0.0228295	0.282734	-3.53689	7.05314	24.0249	3.02779	1
cg08736088	TTC29	0.0100467	0.0156311	0.299123	-3.34311	0.302575	0.64735	-1.54476	0.166102	0.548074	-1.82457	0.0185716	0.312779	-3.19715	0.00779171	0.248794	-4.01939	0.03445	0.366268	-2.73024	0.000418559	0.102502	-9.75595	0.116111	0.498886	-2.00447	0.207742	0.582216	-1.71758	5.90182	15.4989	2.33433	1
cg15634922	TTC29	0.0167311	0.571903	1.07123	1.07123	0.0301652	1.35948	1.35948	0.778071	1.03462	1.03462	0.427871	1.10242	1.10242	0.311337	0.881459	-1.13448	0.0128419	0.689203	-1.45095	0.00228863	0.598305	-1.67139	0.07803	0.78988	-1.26602	0.821583	0.973158	-1.02758	4.99603	1.1482	0.204287	1
cg19214222	TTC29	0.0283792	0.647336	0.928456	-1.07706	0.0800806	1.36747	1.36747	0.182459	1.25613	1.25613	0.656472	1.07481	1.07481	0.525008	1.10939	1.10939	0.408398	0.872599	-1.146	0.00118682	0.464803	-2.15145	0.370498	1.15976	1.15976	0.305246	0.842737	-1.18661	4.16797	1.71461	0.365669	1
cg14102066	TTC29	0.0339897	0.715087	1.08044	1.08044	0.209394	1.32209	1.32209	0.455426	1.17403	1.17403	0.0609186	0.640317	-1.56173	0.267959	0.783862	-1.27573	0.271699	0.78547	-1.27312	0.00149337	0.380452	-2.62845	0.365422	1.21684	1.21684	0.444483	0.848309	-1.17882	3.90827	2.75681	0.627003	1
cg26147657	TTC30A	0.0058734	0.339246	1.14302	1.14302	0.00133298	1.88342	1.88342	0.108082	1.26861	1.26861	0.958987	0.993045	-1.007	0.346257	1.14069	1.14069	0.00573267	0.611709	-1.63476	0.0392373	0.723433	-1.3823	0.981476	0.996854	-1.00316	0.0216431	0.687825	-1.45386	6.98496	2.03738	0.259272	1
cg05169160	TTC30A	0.00983119	0.0809583	0.667885	-1.49726	0.021715	0.562835	-1.77672	0.0237455	0.569478	-1.756	0.230551	0.769228	-1.3	0.219237	0.763757	-1.30932	0.768854	0.940381	-1.0634	0.000904347	2.81697	2.81697	0.985538	0.996226	-1.00379	0.836027	1.04418	1.04418	5.94287	4.09537	0.612554	1
cg11115143	TTC30A	0.0218692	0.741415	1.03602	1.03602	0.60525	0.945799	-1.05731	0.016382	1.3683	1.3683	0.276887	1.12848	1.12848	0.4049	0.912944	-1.09536	0.0183738	0.736549	-1.35768	0.00710311	0.689562	-1.45019	0.297931	0.891081	-1.12223	0.12822	1.19213	1.19213	4.56326	0.825539	0.160809	1
cg04968079	TTC30A	0.0453329	0.13138	0.42343	-2.36167	0.00794923	0.16604	-6.02266	0.0456433	0.298454	-3.3506	0.0395468	0.284754	-3.5118	0.0147404	0.205235	-4.87247	0.713704	1.21461	1.21461	0.308326	0.573302	-1.74428	0.399411	0.634342	-1.57644	0.0336007	0.269923	-3.70475	3.51581	15.5013	3.91913	1
cg20869658	TTC30A;TTC30A	0.0311986	0.594317	0.792376	-1.26203	0.0332897	0.340595	-2.93604	0.0373032	0.351205	-2.84734	0.63339	0.812187	-1.23124	0.0179508	0.287942	-3.47292	0.593117	1.263	1.263	0.00387449	0.185593	-5.38813	0.678613	1.19768	1.19768	0.0475932	0.374987	-2.66676	4.03024	11.963	2.6385	1
cg10338764	TTC30B	0.0202777	0.434694	1.11034	1.11034	0.607329	1.07044	1.07044	0.121987	1.24623	1.24623	0.482608	1.09824	1.09824	0.0703307	1.30428	1.30428	0.0612025	1.31919	1.31919	0.00302056	0.586354	-1.70546	0.160814	0.82143	-1.21739	0.0701058	0.766506	-1.30462	4.68256	1.2789	0.242774	1
cg03262205	TTC30B;TTC30B	0.0476842	0.640271	0.909522	-1.09948	0.183534	0.752528	-1.32885	0.368551	0.830195	-1.20454	0.526161	0.878605	-1.13817	0.867556	0.966929	-1.0342	0.718743	0.92972	-1.07559	0.00244977	0.427725	-2.33795	0.034644	0.608782	-1.64262	0.104075	1.43058	1.43058	3.44956	2.21813	0.571573	1
cg07312366	TTC31;CCDC142;CCDC142;TTC31	0.00219412	0.270695	1.17127	1.17127	0.378839	0.88297	-1.13254	0.153897	0.810223	-1.23423	0.876909	0.978859	-1.0216	0.783695	1.03866	1.03866	2.30E-05	0.311131	-3.21408	0.850721	1.02631	1.02631	0.886362	0.98048	-1.01991	0.887549	1.0197	1.0197	9.38463	2.82459	0.267538	1
cg26837570	TTC31;CCDC142;TTC31	0.0215878	0.0218322	1.9659	1.9659	0.19917	1.39544	1.39544	0.146743	1.46601	1.46601	0.0984923	1.56056	1.56056	0.523099	0.85303	-1.17229	0.154594	1.45388	1.45388	0.00636044	0.417964	-2.39255	0.0538065	0.584043	-1.7122	0.807839	1.06168	1.06168	4.58356	4.37942	0.849301	1
cg03173679	TTC31;CCDC142;TTC31;TTC31;CCDC142	0.00113097	0.360151	0.707828	-1.41277	0.00017236	12.8452	12.8452	0.000242365	11.212	11.212	0.707926	0.871319	-1.14768	0.240971	1.57167	1.57167	0.875719	0.944357	-1.05892	0.00687022	0.263171	-3.79982	0.439343	1.33554	1.33554	0.169471	1.71698	1.71698	13.7852	28.5916	1.61317	1
cg01000637	TTC31;TTC31	0.0127122	0.912838	0.969433	-1.03153	0.186631	1.48723	1.48723	0.867723	1.04839	1.04839	0.0495556	0.5298	-1.88751	0.00339628	0.323328	-3.09283	0.00206699	0.292302	-3.42112	0.0248758	0.469072	-2.13187	0.656291	0.880738	-1.13541	0.0818841	0.578911	-1.72738	5.46996	6.96378	1.13164	1
cg13297150	TTC31;TTC31;CCDC142	0.00250483	0.151413	1.23211	1.23211	0.233416	1.18489	1.18489	0.665596	1.06082	1.06082	0.0366051	0.719067	-1.39069	0.0137426	0.661229	-1.51233	0.306507	1.1546	1.1546	0.00023559	0.437059	-2.28802	0.0175478	0.675394	-1.48062	0.00539698	0.608147	-1.64434	9.02691	2.63607	0.259576	1
cg01584932	TTC31;TTC31;CCDC142	0.00310531	0.00453225	0.19645	-5.09035	0.00610668	0.214366	-4.66491	0.646551	0.819816	-1.21979	0.0106408	0.251082	-3.98277	0.00385439	0.187204	-5.34176	0.232602	0.583552	-1.71364	0.000659174	0.105918	-9.44126	0.00411457	0.190892	-5.23857	0.00377652	0.186063	-5.37453	8.47085	24.8405	2.60664	1
cg11955373	TTC31;TTC31;CCDC142	0.00910224	0.00517391	0.407763	-2.4524	0.327869	1.27819	1.27819	0.00134713	3.10113	3.10113	0.432988	0.823284	-1.21465	0.106633	1.5344	1.5344	0.0584286	1.68145	1.68145	0.261132	1.3295	1.3295	0.237712	1.35065	1.35065	0.0820827	1.59706	1.59706	6.09049	5.69689	0.831444	1
cg05038466	TTC31;TTC31;CCDC142	0.0366307	0.582266	0.928919	-1.07652	0.694956	0.94904	-1.0537	0.00180765	0.554965	-1.80192	0.0324325	0.717236	-1.39424	0.396917	1.12202	1.12202	0.443024	0.901403	-1.10938	0.081125	0.77364	-1.29259	0.310104	0.869884	-1.14958	0.0345239	0.720951	-1.38706	3.80374	1.06115	0.247978	1
cg14766231	TTC32	1.36E-05	5.45E-06	0.221855	-4.50745	0.154561	0.800021	-1.24997	5.17E-05	0.329941	-3.03085	7.56E-06	0.236619	-4.22621	0.37675	0.87563	-1.14203	0.000329792	0.427832	-2.33737	0.00529261	0.583777	-1.71298	6.03E-06	0.226423	-4.41651	7.32E-05	0.34778	-2.87538	37.4463	12.7153	0.301832	1
cg17096665	TTC32	0.00273862	0.484097	0.74494	-1.34239	0.000110546	0.0294908	-33.9089	0.548948	1.28496	1.28496	0.780121	1.12223	1.12223	0.00942576	0.226736	-4.41042	0.0505273	0.381627	-2.62036	0.463517	0.734072	-1.36226	0.512978	1.31591	1.31591	0.00228395	0.134929	-7.41132	12.9898	33.2083	1.70432	1
cg26693529	TTC32	0.0143945	0.0451436	0.20451	-4.88975	0.384934	0.540586	-1.84984	0.925	0.937051	-1.06718	0.0264974	0.162621	-6.14925	0.000930878	0.0329532	-30.3461	?	?	?	0.358024	0.520654	-1.92066	?	?	?	0.284249	2.15572	2.15572	5.47795	32.1742	6.71246	1
cg15943129	TTC32	0.0185568	0.0143075	2.03229	2.03229	0.00179415	0.352398	-2.8377	0.181652	1.395	1.395	0.209998	1.36366	1.36366	0.206303	1.36749	1.36749	0.504019	0.852827	-1.17257	0.758106	1.07522	1.07522	0.366049	1.24363	1.24363	0.171528	1.40744	1.40744	4.82537	4.21274	0.776036	1
cg15528722	TTC33	0.000231785	0.00361626	0.278536	-3.5902	0.00039819	0.16053	-6.22935	0.00111235	0.210344	-4.75412	0.00740537	0.326373	-3.06398	0.000103203	0.107565	-9.29668	0.000646072	0.182934	-5.46644	4.50E-05	0.0815883	-12.2567	0.0018217	0.237379	-4.21268	0.00302685	0.267441	-3.73914	17.6498	29.4438	1.48287	1
cg02588309	TTC33	0.000442448	0.00145222	0.315121	-3.17339	7.27E-05	0.163281	-6.12441	0.0684103	0.599208	-1.66887	0.143397	0.673871	-1.48396	0.000550024	0.260041	-3.84555	0.00106298	0.296808	-3.36918	0.00102161	0.29452	-3.39535	0.000303161	0.229008	-4.36665	0.0459191	0.563077	-1.77596	14.7828	14.7537	0.887141	1
cg02732358	TTC33	0.00125634	0.820421	1.07976	1.07976	0.0248636	0.406044	-2.46279	0.44059	1.30402	1.30402	0.173824	0.613624	-1.62966	0.896028	0.95683	-1.04512	0.0784723	0.517002	-1.93423	1.56E-05	0.0490561	-20.3848	0.544611	1.22994	1.22994	0.92525	1.03218	1.03218	11.0263	19.8945	1.6038	1
cg07184698	TTC33	0.0053119	0.0743234	0.536035	-1.86555	0.288536	1.4127	1.4127	0.435264	0.779094	-1.28354	0.406483	0.766212	-1.30512	0.277435	1.42504	1.42504	0.000159587	0.132204	-7.5641	0.00783163	0.342928	-2.91607	0.55089	1.20831	1.20831	0.389177	0.75826	-1.31881	7.20403	11.2196	1.38436	1
cg13700051	TTC33	0.00679156	0.0999521	0.439258	-2.27657	0.00223455	0.141721	-7.05612	0.00819465	0.213554	-4.68266	0.438646	0.697321	-1.43406	0.00547449	0.188798	-5.29667	0.335068	0.635291	-1.57408	0.00109566	0.111075	-9.00292	0.0151754	0.256341	-3.90105	0.0385099	0.334866	-2.98627	6.6777	22.0268	2.93205	1
cg11301254	TTC33	0.00844952	0.0292408	0.405972	-2.46322	0.0138581	0.343983	-2.90712	0.616683	0.837692	-1.19376	0.310797	0.692105	-1.44487	0.0192927	0.370398	-2.6998	0.00887576	0.310767	-3.21784	0.00107272	0.183492	-5.44982	0.00291154	0.23794	-4.20274	0.110011	0.542636	-1.84286	6.23574	12.1626	1.73374	1
cg24180879	TTC33	0.0182597	0.779544	1.04868	1.04868	0.244453	0.813625	-1.22907	0.027256	0.642383	-1.5567	0.165048	1.28512	1.28512	0.0823649	1.38534	1.38534	0.891575	0.977163	-1.02337	0.00102479	2.28061	2.28061	0.772841	1.05025	1.05025	0.827482	0.963705	-1.03766	4.85168	2.20473	0.403934	1
cg05467472	TTC33	0.0393465	0.143829	1.17453	1.17453	0.328332	0.901812	-1.10888	0.92436	0.990319	-1.00978	0.77717	1.02949	1.02949	0.007894	0.705349	-1.41774	0.56983	1.0606	1.0606	0.0128071	1.37258	1.37258	0.104711	0.833899	-1.19919	0.945461	1.00703	1.00703	3.70553	0.615798	0.147719	1
cg05240017	TTC33	0.0424712	0.228253	0.818007	-1.22248	0.0218301	1.54832	1.54832	0.026143	1.52071	1.52071	0.740955	0.948665	-1.05411	0.845422	1.03149	1.03149	0.299791	1.18612	1.18612	0.833765	0.967167	-1.03395	0.0135782	0.615615	-1.62439	0.427954	0.879364	-1.13719	3.60238	1.43963	0.355229	1
cg21976880	TTC33;TTC33	0.000733116	0.220703	0.84279	-1.18654	0.00766212	1.57667	1.57667	0.438765	1.11061	1.11061	0.00235467	0.569087	-1.7572	0.668646	1.05887	1.05887	0.896025	1.01752	1.01752	2.57E-05	0.330085	-3.02952	0.712528	0.952025	-1.05039	0.635632	1.06546	1.06546	12.8434	3.58977	0.248447	1
cg17148580	TTC35	0.00767057	0.124773	0.681336	-1.4677	0.00762787	0.452912	-2.20793	0.010827	0.477616	-2.09373	0.622324	1.12146	1.12146	0.00044224	0.277796	-3.59977	0.253906	0.759501	-1.31665	0.172595	0.715221	-1.39817	0.187129	1.38103	1.38103	0.225858	0.745536	-1.34132	6.42853	5.42786	0.750524	1
cg03962678	TTC36	3.78E-06	0.125033	1.19393	1.19393	1.76E-06	3.57523	3.57523	8.54E-05	2.12426	2.12426	0.132669	1.1891	1.1891	2.98E-06	0.304528	-3.28377	0.00508113	0.673443	-1.48491	0.0231374	0.74836	-1.33626	0.000101834	2.08496	2.08496	0.0101482	0.707419	-1.41359	52.1489	9.41128	0.160417	1
cg01128850	TTC36	5.74E-05	0.184063	1.25614	1.25614	0.0196052	0.633587	-1.57832	3.56E-05	0.275007	-3.63628	0.014806	1.6246	1.6246	2.45E-06	0.15735	-6.35528	0.371929	0.862126	-1.15992	0.678976	1.06967	1.06967	0.952373	1.00971	1.00971	0.0768956	0.72734	-1.37487	25.6671	10.6463	0.368695	1
cg23371889	TTC37	0.00897561	0.732339	0.950268	-1.05234	0.00971982	1.62579	1.62579	0.0392083	1.42553	1.42553	0.00113465	0.490915	-2.03701	0.122538	1.28228	1.28228	0.264954	0.84145	-1.18843	0.723272	1.05425	1.05425	0.264317	0.841239	-1.18872	0.227017	1.20739	1.20739	6.11764	2.13916	0.310819	1
cg10541313	TTC38	0.000302061	?	?	?	0.0275806	0.539933	-1.85208	0.0513007	0.591587	-1.69037	0.000463035	0.271677	-3.68085	4.88E-05	0.16429	-6.08678	0.762	0.930667	-1.0745	0.178694	1.4021	1.4021	0.0878358	1.56152	1.56152	0.00396864	2.50011	2.50011	16.8266	13.2558	0.78779	1
cg23346237	TTC38	0.000536909	2.73E-05	0.279388	-3.57926	0.000221936	0.387635	-2.57974	0.72998	0.948003	-1.05485	0.637909	1.07579	1.07579	0.00468625	0.560284	-1.78481	0.999754	1.00005	1.00005	0.374454	1.15085	1.15085	0.536922	0.908136	-1.10116	0.0175689	0.640626	-1.56097	14.0107	5.27039	0.334373	1
cg04195000	TTC38	0.00356896	0.150297	0.737522	-1.35589	0.0201829	0.575119	-1.73877	0.000359885	0.323034	-3.09565	0.370673	0.834011	-1.19902	0.000283401	0.310032	-3.22548	0.888634	1.02805	1.02805	0.453611	0.860076	-1.16269	0.881418	1.02991	1.02991	0.317866	0.815578	-1.22612	8.1262	5.01763	0.548856	1
cg02401792	TTC38	0.00578835	0.200684	0.856676	-1.1673	0.982912	0.997552	-1.00245	0.675701	1.04933	1.04933	0.470842	1.08759	1.08759	0.0147985	0.709466	-1.40951	0.545044	0.932294	-1.07262	0.00315196	0.630127	-1.58698	0.0239402	1.36118	1.36118	0.00104818	0.57403	-1.74207	7.01643	1.45578	0.184428	1
cg08471335	TTC38	0.00596084	0.00133578	0.269711	-3.70767	0.0096483	0.398355	-2.51032	0.0980309	0.600514	-1.66524	0.341158	1.31735	1.31735	0.00139511	0.272219	-3.67351	0.13367	0.634734	-1.57546	0.446439	1.24367	1.24367	0.296279	0.737635	-1.35568	0.014748	0.430299	-2.32396	6.9532	8.69497	1.11156	1
cg16674248	TTC38	0.0163262	0.0167274	0.261591	-3.82276	0.205928	1.84523	1.84523	0.0517636	2.76297	2.76297	0.722402	0.848934	-1.17795	0.332902	0.632169	-1.58186	0.554554	0.75999	-1.31581	0.0423745	0.341855	-2.92521	0.870913	1.07753	1.07753	0.00182008	0.130713	-7.65032	5.03703	16.8168	2.96768	1
cg04431254	TTC38	0.0341578	0.260883	0.804822	-1.24251	0.00357089	0.481464	-2.077	0.00972688	0.545766	-1.83229	0.240989	0.796686	-1.2552	0.691077	0.928704	-1.07677	0.868527	1.03115	1.03115	0.917167	0.98092	-1.01945	0.700327	1.07424	1.07424	0.0149846	0.574744	-1.7399	3.90132	2.11867	0.482724	1
cg06061240	TTC39A	4.56E-05	0.0830538	0.749509	-1.33421	0.573287	0.918047	-1.08927	0.0222782	0.662602	-1.5092	0.68863	1.06239	1.06239	3.65E-07	0.110823	-9.02344	0.363619	1.1506	1.1506	0.569157	1.0903	1.0903	0.445454	0.889706	-1.12397	0.106131	0.76709	-1.30363	27.2839	9.75502	0.317811	1
cg12688609	TTC39A	6.28E-05	0.000292132	0.387701	-2.5793	0.0936077	1.34436	1.34436	0.0870693	0.738437	-1.35421	0.122766	0.764641	-1.3078	4.09E-05	0.284882	-3.51022	6.01E-05	0.304176	-3.28757	8.84E-06	0.2129	-4.69704	0.433889	0.879725	-1.13672	0.491684	0.893972	-1.1186	25.0583	10.2208	0.362561	1
cg17852564	TTC39A	0.000171256	0.00151323	0.368226	-2.71572	0.000739467	0.326107	-3.06648	0.0135857	0.512896	-1.94971	0.906505	0.974638	-1.02602	3.85E-06	0.0949597	-10.5308	0.490644	0.858057	-1.16542	0.29539	1.26776	1.26776	0.689242	1.09187	1.09187	0.0177339	0.53234	-1.8785	19.1592	14.5063	0.673019	1
cg02182827	TTC39A	0.000298038	0.000366187	0.252413	-3.96176	0.000159942	0.211029	-4.73869	0.00715281	0.432715	-2.31099	0.000427215	0.260539	-3.8382	0.000119033	0.197214	-5.07064	0.0021489	0.353642	-2.82772	0.00031375	0.244398	-4.09168	0.0185249	0.502184	-1.9913	0.011847	0.468694	-2.13359	16.4797	15.1826	0.818925	1
cg05132999	TTC39A	0.000908911	0.0183163	0.453266	-2.20621	0.0769076	0.580611	-1.72232	0.000461716	0.218019	-4.58675	0.0192147	0.457082	-2.18779	0.0264911	0.483342	-2.06893	0.0136849	0.430554	-2.32259	2.43E-05	0.098003	-10.2038	0.245375	0.714757	-1.39908	0.0258855	0.481411	-2.07723	12.089	14.6248	1.07534	1
cg00770085	TTC39A	0.00125708	0.000232599	12.7018	12.7018	0.00212647	6.03135	6.03135	0.00920278	3.95986	3.95986	0.760547	0.880537	-1.13567	0.00192116	6.22099	6.22099	0.920651	0.959378	-1.04234	0.00332214	5.28018	5.28018	0.00325895	5.30999	5.30999	0.0051615	4.65076	4.65076	11.0244	30.2462	2.43872	1
cg03814321	TTC39A	0.0105662	0.0191391	3.80709	3.80709	0.143186	2.09986	2.09986	0.245763	1.77254	1.77254	0.0576548	2.75158	2.75158	0.0649573	2.65702	2.65702	0.0493703	2.87946	2.87946	0.000301513	15.9739	15.9739	0.0200537	3.75445	3.75445	0.0407064	3.04685	3.04685	5.80721	20.4491	3.13006	1
cg26351104	TTC39A	0.0123729	0.00417722	2.53946	2.53946	0.00819723	2.27361	2.27361	0.13776	1.47415	1.47415	0.0140716	2.08757	2.08757	0.184365	1.40761	1.40761	0.314413	1.28738	1.28738	0.0472081	0.576163	-1.73562	0.209141	1.37912	1.37912	0.0150227	2.06644	2.06644	5.51836	5.15285	0.830013	1
cg01016553	TTC39A	0.0131466	0.000485896	37.3225	37.3225	0.0466379	4.51771	4.51771	0.555542	1.48386	1.48386	0.820745	0.860518	-1.16209	0.963807	0.970412	-1.03049	0.430095	0.586784	-1.7042	0.674457	1.32263	1.32263	0.0109957	8.2623	8.2623	0.0790974	3.6344	3.6344	5.41029	37.5409	6.16782	1
cg18937225	TTC39A	0.0190615	0.018177	0.567347	-1.76259	0.0528804	0.647363	-1.54473	0.0949762	0.695849	-1.43709	0.00132308	0.39729	-2.51705	0.09055	0.691734	-1.44564	0.0960056	0.696784	-1.43517	0.162046	1.3432	1.3432	0.451387	0.859293	-1.16375	0.0923732	0.693449	-1.44207	4.78184	2.95804	0.549867	1
cg10653240	TTC39A	0.0297708	0.00509199	4.52615	4.52615	0.0747659	2.24669	2.24669	0.280509	0.632869	-1.5801	0.0765685	0.447808	-2.2331	0.329273	1.50776	1.50776	0.358338	1.46993	1.46993	0.11341	2.01891	2.01891	0.0338796	2.74611	2.74611	0.0817559	2.19608	2.19608	4.09797	10.7951	2.34157	1
cg06197074	TTC39A;TTC39A	0.00310718	0.708582	1.04042	1.04042	0.000118327	0.491143	-2.03607	0.459617	1.08271	1.08271	0.174423	0.858584	-1.16471	0.00458736	0.671483	-1.48924	0.33264	1.11124	1.11124	0.0910322	1.21709	1.21709	0.56097	1.06401	1.06401	0.289923	0.890542	-1.12291	8.46934	1.4941	0.156812	1
cg21524155	TTC39A;TTC39A	0.0314955	0.00117302	0.482217	-2.07376	0.0859417	0.747813	-1.33723	0.380526	0.871316	-1.14769	0.126086	0.776109	-1.28848	0.96329	0.992977	-1.00707	0.0404199	0.69593	-1.43693	0.462339	0.891742	-1.1214	0.288363	1.18388	1.18388	0.137577	0.782791	-1.27748	4.01663	1.49187	0.330154	1
cg01152025	TTC39B;TTC39B;TTC39B;TTC39B	1.35E-06	0.131652	0.819272	-1.2206	7.46E-06	0.298829	-3.34639	0.000140865	0.447197	-2.23615	0.484346	1.09095	1.09095	3.96E-07	0.169515	-5.89918	2.23E-06	0.242432	-4.12486	2.44E-07	0.151223	-6.61277	0.00610467	0.645055	-1.55026	0.000144911	0.448668	-2.22882	67.9024	16.1348	0.211216	1
cg21191737	TTC39B;TTC39B;TTC39B;TTC39B	5.39E-05	0.122976	0.817378	-1.22342	0.000487757	0.517104	-1.93385	0.0127861	0.688521	-1.45239	4.39E-06	3.58594	3.58594	0.0113287	0.682051	-1.46617	0.064036	0.777899	-1.28551	0.000232517	0.478558	-2.08961	0.390334	0.899228	-1.11206	0.238916	0.861709	-1.16048	26.1042	6.02038	0.205004	1
cg14520573	TTC39B;TTC39B;TTC39B;TTC39B;TTC39B	0.000369407	0.0310834	1.58153	1.58153	0.000689381	2.5562	2.5562	0.340203	1.19488	1.19488	0.852944	1.03418	1.03418	0.000964776	0.410595	-2.43549	0.0156258	1.71071	1.71071	4.60E-05	4.03241	4.03241	0.0110922	1.78044	1.78044	0.133892	1.34021	1.34021	15.537	8.07376	0.461909	1
cg13629903	TTC39B;TTC39B;TTC39B;TTC39B;TTC39B	0.00422498	0.721868	0.886125	-1.12851	0.350784	0.722647	-1.3838	0.0352562	0.4363	-2.292	0.00370158	0.265369	-3.76834	0.000317757	0.139149	-7.18652	0.0174498	0.37576	-2.66127	0.00294187	0.251242	-3.98023	0.675958	0.86746	-1.15279	0.0155599	0.366594	-2.72781	7.72385	13.9955	1.61065	1
cg14455781	TTC39B;TTC39B;TTC39B;TTC39B;TTC39B	0.025422	0.251246	0.848115	-1.17909	0.3534	1.14022	1.14022	0.0154724	0.664835	-1.50413	0.884469	0.980217	-1.02018	0.701148	0.948386	-1.05442	0.00341649	1.72758	1.72758	0.149123	1.2369	1.2369	0.0660013	1.3277	1.3277	0.923764	1.01324	1.01324	4.33192	1.29577	0.265886	1
cg25952192	TTC39C;TTC39C	0.0180088	0.0113273	0.167287	-5.97776	0.927983	1.0523	1.0523	0.180461	0.44846	-2.22985	0.03483	0.249836	-4.00263	0.00408512	0.113847	-8.78369	0.0660839	0.312692	-3.19803	0.004124	0.114269	-8.75126	0.861065	0.905943	-1.10382	0.0393668	0.260799	-3.83438	4.87433	24.5447	4.47601	1
cg22330625	TTC39C;TTC39C;TTC39C	0.015189	0.0326887	0.529239	-1.8895	0.0172171	0.477621	-2.09371	0.373186	1.26207	1.26207	0.819355	1.05997	1.05997	0.135778	0.664117	-1.50576	0.300507	1.3141	1.3141	0.00712626	0.412753	-2.42276	0.296717	0.759225	-1.31713	0.00290233	0.352675	-2.83547	5.15928	5.29673	0.91257	1
cg16441133	TTC39C;TTC39C;TTC39C	0.0186239	0.334444	0.919144	-1.08797	0.0844198	1.17547	1.17547	0.00796025	1.33396	1.33396	0.175441	0.885118	-1.12979	0.144235	0.87559	-1.14209	0.619702	0.958513	-1.04328	0.0123208	0.767996	-1.30209	0.333098	1.08824	1.08824	0.0496602	1.20884	1.20884	4.81949	0.547559	0.10099	1
cg00287012	TTC39C;TTC39C;TTC39C	0.0195548	0.0123898	0.220524	-4.53466	0.0624422	0.361194	-2.7686	0.0122769	0.219891	-4.5477	0.102623	0.420081	-2.3805	0.00656347	0.180048	-5.55407	0.0365201	0.307228	-3.25492	0.00382607	0.15055	-6.64229	0.099986	0.41674	-2.39958	0.383177	0.647739	-1.54383	4.74064	17.706	3.31994	1
cg07205589	TTC39C;TTC39C;TTC39C	0.0238852	0.0212594	0.395211	-2.5303	0.359655	0.729223	-1.37132	0.797588	1.08999	1.08999	0.273825	0.682631	-1.46492	0.0136898	0.359798	-2.77934	0.881051	0.951035	-1.05149	0.00181473	0.226136	-4.42211	0.225946	0.652902	-1.53162	0.0195057	0.388071	-2.57685	4.42674	7.88141	1.58259	1
cg18429646	TTC39C;TTC39C;TTC39C	0.0386971	0.100456	1.80414	1.80414	0.762597	0.905429	-1.10445	0.665125	1.15351	1.15351	0.947995	1.02162	1.02162	0.0372499	0.452535	-2.20977	0.0465338	2.11182	2.11182	0.557938	0.823406	-1.21447	0.00678401	0.316475	-3.15981	0.196548	0.639051	-1.56482	3.72823	6.34945	1.51384	1
cg18592315	TTC3;TTC3	0.00152141	0.0969022	0.751776	-1.33018	0.00558946	1.76786	1.76786	0.0302315	1.49028	1.49028	0.598617	0.920192	-1.08673	0.00231711	0.513626	-1.94694	0.000518252	0.428336	-2.33462	0.101255	1.32442	1.32442	0.159885	1.26508	1.26508	0.0630486	0.720791	-1.38737	10.4369	4.05263	0.345154	1
cg11042620	TTC3;TTC3	0.00380418	0.00101319	0.628947	-1.58996	0.237119	1.12501	1.12501	0.00365283	0.688063	-1.45335	0.694563	1.03824	1.03824	0.00279713	0.675846	-1.47963	0.0416985	0.799894	-1.25017	0.90933	1.01089	1.01089	0.262926	0.894942	-1.11739	0.00393791	0.691497	-1.44614	7.97203	1.14189	0.127322	1
cg12100242	TTC3;TTC3	0.00706328	0.251743	0.776134	-1.28844	0.0163443	0.537242	-1.86136	0.000248317	0.277991	-3.59724	0.106372	1.4524	1.4524	0.22012	1.31375	1.31375	0.96755	1.00865	1.00865	0.333968	1.23481	1.23481	0.55118	0.880183	-1.13613	0.51206	0.868711	-1.15113	6.59658	4.68038	0.630681	1
cg11825524	TTC3;TTC3	0.0210484	0.0357637	0.410116	-2.43833	0.0499454	0.442369	-2.26056	0.874894	0.944142	-1.05916	0.816845	1.08832	1.08832	0.0014253	0.185752	-5.38353	0.466411	0.763088	-1.31046	0.167936	0.585021	-1.70934	0.0485986	2.2746	2.2746	0.519868	0.788213	-1.26869	4.62339	9.7449	1.87355	1
cg26672807	TTC3;TTC3	0.0366212	0.402516	0.785886	-1.27245	0.260719	0.718998	-1.39082	0.0100365	0.400939	-2.49415	0.0242647	0.469877	-2.12821	0.00644802	0.369253	-2.70817	0.0389671	0.510624	-1.95839	0.315426	0.746823	-1.33901	0.407752	1.2689	1.2689	0.121386	0.623567	-1.60368	3.80409	4.76517	1.11346	1
cg06512774	TTC3;TTC3;TTC3	0.014512	0.782513	0.944852	-1.05837	0.109387	1.43024	1.43024	0.298354	1.24731	1.24731	0.75623	1.06592	1.06592	0.000353473	0.308396	-3.24258	0.644983	0.909275	-1.09978	0.308363	1.24128	1.24128	0.793243	1.05532	1.05532	0.206742	0.761109	-1.31387	5.23759	3.48602	0.591623	1
cg14368817	TTC3L	0.0017786	0.309961	0.819076	-1.22089	0.00240999	0.448027	-2.23201	0.0153111	0.568058	-1.76038	0.0174583	0.577153	-1.73264	3.91E-05	0.224121	-4.46188	0.580613	0.899419	-1.11183	0.168355	0.756653	-1.32161	0.0552071	0.661736	-1.51118	0.0170207	0.575387	-1.73796	9.97632	5.70155	0.508007	1
cg00420018	TTC3L	0.0105237	0.406588	1.25237	1.25237	0.00288347	0.33748	-2.96314	0.0144089	0.449594	-2.22423	0.335228	0.768433	-1.30135	0.00169358	0.304577	-3.28324	0.820514	1.06209	1.06209	0.192517	1.44138	1.44138	0.663412	0.890413	-1.12307	0.130697	0.648817	-1.54127	5.81473	6.47012	0.989079	1
cg17748975	TTC3L	0.0237018	0.984571	1.00573	1.00573	0.09959	0.586699	-1.70445	0.00262269	0.292078	-3.42375	0.491781	0.813598	-1.22911	0.00244693	0.287806	-3.47457	0.937151	0.976971	-1.02357	0.40289	1.28776	1.28776	0.931131	1.02587	1.02587	0.435658	0.790596	-1.26487	4.43856	6.13571	1.22877	1
cg01576669	TTC3L	0.0408748	0.05559	2.06645	2.06645	0.0194987	0.38879	-2.57208	0.9286	0.970457	-1.03044	0.293219	0.69431	-1.44028	0.0207041	0.393752	-2.53967	0.185214	1.60018	1.60018	0.191932	1.58755	1.58755	0.623864	0.847575	-1.17984	0.114155	0.562697	-1.77715	3.65386	6.47891	1.57615	1
cg02255609	TTC4	0.000177467	2.91E-05	3.90652	3.90652	0.455928	0.88148	-1.13446	0.10545	0.745384	-1.34159	0.186269	0.79232	-1.26212	0.0694147	0.713601	-1.40134	0.0861186	0.729757	-1.37032	0.00130226	0.45934	-2.17704	0.0667555	0.710722	-1.40702	0.000226744	2.76868	2.76868	18.9756	8.29464	0.388553	1
cg12723994	TTC4	0.000992767	9.16E-05	3.66182	3.66182	0.045026	0.652299	-1.53304	0.466635	0.871446	-1.14752	0.566976	1.11348	1.11348	0.181418	0.768335	-1.30151	0.0700511	1.45677	1.45677	0.0523636	0.663756	-1.50658	0.124461	0.734195	-1.36204	0.00112238	2.43756	2.43756	11.7908	6.44323	0.485746	1
cg20269554	TTC4	0.00158202	0.000593236	3.17288	3.17288	0.126549	1.43309	1.43309	0.488236	0.857866	-1.16568	0.953729	0.987446	-1.01271	0.0635085	0.634918	-1.57501	0.192476	1.3503	1.3503	0.00176535	0.379165	-2.63737	0.779804	0.940804	-1.06292	0.0011727	2.82066	2.82066	10.32	7.74748	0.667309	1
cg17215438	TTC4	0.00323216	0.979901	0.993814	-1.00622	0.000248344	0.225421	-4.43615	0.253184	0.745308	-1.34173	0.00334291	0.373932	-2.67429	0.821735	0.945929	-1.05716	0.548771	1.16119	1.16119	0.0123662	0.464355	-2.15353	0.883357	1.03682	1.03682	0.00247171	0.354652	-2.81966	8.37048	8.04342	0.854157	1
cg21920271	TTC4	0.0225269	0.0847634	1.17575	1.17575	0.0634064	1.19398	1.19398	0.00182007	1.45703	1.45703	0.988918	1.00118	1.00118	0.0100271	1.31793	1.31793	0.23062	1.11272	1.11272	0.295828	1.09644	1.09644	0.577311	1.04898	1.04898	0.00929339	1.32351	1.32351	4.51707	0.516056	0.101552	1
cg05912589	TTC5	3.63E-07	7.00E-06	0.207576	-4.81751	3.03E-06	0.172536	-5.79588	0.000146903	0.356185	-2.80753	0.000756939	0.446122	-2.24154	1.03E-07	0.0657159	-15.217	0.000416208	0.412701	-2.42306	2.13E-07	0.0836719	-11.9514	1.17E-07	0.068708	-14.5543	4.64E-06	0.190055	-5.26164	94.8866	37.5523	0.351787	1
cg05134026	TTC5;TTC5	0.0326321	0.693797	1.04826	1.04826	0.283732	1.14185	1.14185	0.249796	1.15402	1.15402	0.358683	1.11898	1.11898	0.886357	0.983112	-1.01718	0.212192	0.855116	-1.16943	0.00150035	0.579841	-1.72461	0.846381	0.977162	-1.02337	0.0809533	1.25921	1.25921	3.96598	0.891095	0.19972	1
cg10818566	TTC7A	0.00086982	0.0423555	0.703064	-1.42234	0.00588002	1.7214	1.7214	0.431156	0.885974	-1.1287	0.00187593	0.514574	-1.94335	0.240287	0.83089	-1.20353	0.13971	1.27057	1.27057	0.000193389	2.574	2.574	0.121459	0.776473	-1.28787	0.0165606	0.64336	-1.55434	12.24	4.40143	0.319638	1
cg17647823	TTC7A	0.00219115	0.0244465	0.503949	-1.98433	0.0047192	0.383042	-2.61068	0.236828	0.728468	-1.37274	0.199049	1.41464	1.41464	0.00105891	0.290078	-3.44734	0.34554	0.780108	-1.28187	0.000680668	0.265265	-3.76981	0.0283149	1.9382	1.9382	0.0591763	0.580098	-1.72385	9.38835	9.71512	0.919828	1
cg20090162	TTC7A	0.00361482	0.0200457	0.195156	-5.12411	0.00207942	0.0801623	-12.4747	0.000897011	0.0553011	-18.0828	0.0223718	0.203185	-4.92162	0.00493566	0.114375	-8.74315	0.07236	0.311089	-3.21451	0.00335729	0.0979029	-10.2142	0.00664064	0.128553	-7.77889	0.00780861	0.136891	-7.30507	8.09516	43.4763	4.77391	1
cg02844899	TTC7A	0.00438815	0.0180621	0.383406	-2.6082	0.138625	0.58733	-1.70262	0.00136828	0.212116	-4.71441	0.430833	0.764601	-1.30787	0.00335786	0.263942	-3.78872	0.419719	0.759417	-1.3168	0.00120836	0.205515	-4.86582	0.0742087	1.94273	1.94273	0.242424	0.664729	-1.50437	7.63577	13.4754	1.56869	1
cg03303515	TTC7A	0.0101619	0.0359624	0.577855	-1.73054	0.450833	1.18851	1.18851	0.892468	0.970055	-1.03087	0.00395096	0.418353	-2.39033	0.00118134	0.343227	-2.91353	0.0854131	0.652185	-1.53331	0.0137483	0.504238	-1.98319	0.0420017	0.590528	-1.6934	0.822496	0.950747	-1.0518	5.88031	4.70572	0.711334	1
cg22321808	TTC7A	0.0422267	0.0300493	0.545904	-1.83182	0.316636	1.27836	1.27836	0.825446	1.05379	1.05379	0.00289741	0.378586	-2.64141	0.035149	0.558706	-1.78985	0.484635	0.84496	-1.18349	0.547513	1.15533	1.15533	0.432884	0.827083	-1.20907	0.746092	0.925826	-1.08012	3.61011	3.21729	0.792169	1
cg18655025	TTC7B	0.000439151	0.65318	0.91474	-1.09321	0.0406312	1.5932	1.5932	0.467469	1.15681	1.15681	0.00050996	0.34319	-2.91384	1.60E-05	0.17326	-5.77167	0.788368	0.948372	-1.05444	0.706915	1.07726	1.07726	0.799287	1.05148	1.05148	0.01558	0.557462	-1.79384	14.8134	9.10701	0.546474	1
cg12055302	TTC7B	0.00527323	0.369264	0.88521	-1.12967	0.0741754	1.30096	1.30096	0.348665	1.13607	1.13607	0.0127582	1.50551	1.50551	0.99414	0.999029	-1.00097	0.0141248	1.49255	1.49255	0.072177	0.766936	-1.30389	0.000671548	1.98956	1.98956	0.0082801	1.5627	1.5627	7.22018	1.99936	0.246145	1
cg06900101	TTC7B	0.0208992	0.282322	1.36765	1.36765	0.00288666	0.317186	-3.15273	0.00483334	0.350811	-2.85054	0.242339	0.709696	-1.40905	0.659894	0.883286	-1.13214	0.124605	0.627534	-1.59354	0.410614	1.26593	1.26593	0.0964652	0.599618	-1.66773	0.0647293	0.559111	-1.78856	4.63464	5.76494	1.10567	1
cg23980196	TTC7B	0.0224252	0.0422821	0.653879	-1.52933	0.019803	1.66695	1.66695	0.346199	1.19266	1.19266	0.271615	0.812332	-1.23102	0.0243833	1.62774	1.62774	0.0341332	0.638258	-1.56676	0.184759	1.29106	1.29106	0.875376	1.02891	1.02891	0.0612797	1.46664	1.46664	4.5241	2.36339	0.464357	1
cg23870587	TTC7B	0.0226632	0.0673513	0.62112	-1.60999	0.481976	1.18061	1.18061	0.968046	1.00935	1.00935	0.0252458	1.85548	1.85548	0.00725934	0.447269	-2.23579	0.70116	1.09372	1.09372	0.628325	1.12	1.12	0.0132558	2.04032	2.04032	0.395769	0.81706	-1.2239	4.50771	3.85318	0.759821	1
cg11143148	TTC7B	0.0239983	0.0888483	0.559313	-1.78791	0.00174964	3.97932	3.97932	0.164585	1.5826	1.5826	0.577767	1.19017	1.19017	0.0675086	0.53036	-1.88551	0.302337	0.718342	-1.39209	0.624547	1.16499	1.16499	0.429797	0.779175	-1.28341	0.247559	0.687779	-1.45396	4.41951	6.70918	1.34941	1
cg18466859	TTC7B	0.0282903	0.246581	1.3413	1.3413	0.94108	0.982245	-1.01808	0.00900185	2.23633	2.23633	0.0866038	0.632095	-1.58204	0.922456	1.02388	1.02388	0.0504403	1.71659	1.71659	0.0469148	1.7354	1.7354	0.00941047	2.2206	2.2206	0.641923	0.892712	-1.12018	4.17259	3.88121	0.826818	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18818993	TTC7B	0.0343736	0.291738	0.900158	-1.11092	0.579476	1.0553	1.0553	0.0520611	1.23676	1.23676	0.0109363	1.35947	1.35947	0.0115662	1.35473	1.35473
cg16407739	TTC7B	0.035782	0.132178	0.717579	-1.39357	0.466432	1.16343	1.16343	0.153506	1.36634	1.36634	0.00137177	0.387368	-2.58153	0.365503	0.827038	-1.20913
cg17308758	TTC7B	0.0382149	0.00759477	0.408008	-2.45093	0.477342	1.20762	1.20762	0.336081	0.77183	-1.29562	0.163298	0.678066	-1.47478	0.423379	0.807747	-1.23801
cg05168764	TTC7B	0.0399151	0.107087	0.648603	-1.54177	0.373699	0.798722	-1.252	0.150526	1.4612	1.4612	0.124555	0.664132	-1.50572	0.23599	1.35749	1.35749
cg05339605	TTC7B	0.0406319	0.253635	0.516517	-1.93605	0.0519903	3.40465	3.40465	0.03502	3.90085	3.90085	0.2116	2.07353	2.07353	0.120367	0.393128	-2.5437
cg01955025	TTC7B	0.0407501	0.152941	0.628006	-1.59234	0.128034	1.64881	1.64881	0.00952613	2.71307	2.71307	0.309746	1.3764	1.3764	0.0281353	0.454728	-2.19912
cg05039463	TTC7B	0.0427647	0.723904	0.951569	-1.0509	0.00705686	1.62807	1.62807	0.201284	0.827872	-1.20792	0.713708	0.949731	-1.05293	0.48593	0.905652	-1.10418
cg12128828	TTC7B	0.0431298	0.645464	1.11302	1.11302	0.0027269	2.6023	2.6023	0.0573916	1.64345	1.64345	0.0104364	2.10693	2.10693	0.135474	1.45048	1.45048
cg13763345	TTC7B	0.0461095	0.144754	0.463896	-2.15566	0.00238444	7.9764	7.9764	0.168867	2.05214	2.05214	0.972654	1.01695	1.01695	0.522001	0.727432	-1.3747
cg04574282	TTC8;TTC8;TTC8	0.00230499	0.0184557	0.384795	-2.59878	0.000416763	0.154065	-6.49077	0.00599643	0.301191	-3.32015	0.0128042	0.355901	-2.80977	0.54103	0.813211	-1.22969
cg02219125	TTC8;TTC8;TTC8	0.00239854	0.00983408	0.631471	-1.58361	0.0774246	1.31856	1.31856	0.000552304	2.1285	2.1285	0.141179	0.800166	-1.24974	0.00876846	0.624814	-1.60048
cg08231350	TTC8;TTC8;TTC8	0.00448764	0.00106686	0.546178	-1.83091	0.204421	1.18233	1.18233	0.00291611	1.66785	1.66785	0.670158	0.947825	-1.05505	0.775399	1.03642	1.03642
cg07077507	TTC8;TTC8;TTC8	0.0210425	0.270666	1.14481	1.14481	0.0627736	0.781231	-1.28003	0.470343	0.917043	-1.09046	0.202794	0.853384	-1.17181	0.0767898	0.792888	-1.26121
cg00009407	TTC8;TTC8;TTC8	0.0432868	0.997734	0.999539	-1.00046	0.00300248	1.93562	1.93562	0.526023	1.10991	1.10991	0.279833	1.20001	1.20001	0.326001	1.1789	1.1789
cg01634544	TTC9	0.000512943	0.000453677	0.144045	-6.94227	0.000271953	0.123387	-8.10458	0.739282	0.889485	-1.12425	0.8256	0.925537	-1.08045	0.000104903	0.0904188	-11.0596
cg08280368	TTC9	0.00502586	0.583501	0.852011	-1.17369	0.827635	1.0651	1.0651	0.845091	1.05821	1.05821	0.0110911	2.51223	2.51223	0.0320075	0.483505	-2.06823
cg03762817	TTC9	0.0071905	0.0796941	1.80125	1.80125	0.510019	0.816928	-1.2241	0.686264	1.13074	1.13074	0.122952	1.65809	1.65809	0.0266328	0.451608	-2.21431
cg13244312	TTC9	0.0172916	0.236355	0.632241	-1.58168	0.0252449	0.37412	-2.67294	0.3279	1.45232	1.45232	0.613236	1.20724	1.20724	0.043316	0.423668	-2.36034
cg04536689	TTC9	0.0174768	0.0372445	3.02147	3.02147	0.00812634	5.80664	5.80664	0.0230826	3.63408	3.63408	0.123416	2.01551	2.01551	0.0107634	5.0666	5.0666
cg23691406	TTC9	0.0278087	0.488182	1.1715	1.1715	0.23136	0.754149	-1.326	0.303433	0.786961	-1.27071	0.610184	1.12251	1.12251	0.0567771	1.62355	1.62355
cg14929883	TTC9	0.0289273	0.33529	0.837125	-1.19456	0.490759	1.13342	1.13342	0.000664008	0.393574	-2.54082	0.159339	0.764072	-1.30878	0.210791	0.789841	-1.26608
cg23900759	TTC9	0.0341287	0.413561	1.52602	1.52602	0.00733777	5.7408	5.7408	0.00259238	8.25359	8.25359	0.407114	0.651294	-1.5354	0.521417	1.38904	1.38904
cg04905775	TTC9	0.0438968	0.342612	0.885302	-1.12956	0.176001	1.19634	1.19634	0.101148	1.25066	1.25066	0.206992	0.847202	-1.18036	0.581557	0.932996	-1.07182
cg17498102	TTC9	0.0483506	0.616511	1.05168	1.05168	0.0870351	1.20753	1.20753	0.0244862	1.30661	1.30661	0.382433	0.914491	-1.0935	0.477344	1.07476	1.07476
cg07936856	TTC9B	0.00153809	0.360342	0.842135	-1.18746	0.135733	0.74546	-1.34145	0.4086	1.16698	1.16698	0.737868	1.06329	1.06329	0.161297	1.31432	1.31432
cg11984463	TTC9B	0.00922793	0.00370995	0.163112	-6.13077	0.0112168	0.230015	-4.34753	0.0140001	0.245744	-4.06927	0.153216	0.492923	-2.02871	0.0040173	0.167343	-5.97576
cg07876950	TTC9B	0.00956252	0.302235	1.37944	1.37944	0.0142661	2.48355	2.48355	0.00130695	4.0904	4.0904	0.0563964	1.91597	1.91597	0.128486	0.609855	-1.63973
cg25631853	TTC9B	0.0144026	0.0398399	0.337416	-2.9637	0.40819	0.679223	-1.47227	0.0816042	0.413753	-2.4169	0.397577	1.48594	1.48594	0.00371547	0.166607	-6.00213
cg02724271	TTC9B	0.0187329	0.000803033	0.108802	-9.19105	0.999856	1.00008	1.00008	0.300068	0.624456	-1.60139	0.00769173	0.222747	-4.48939	0.37704	0.672027	-1.48803
cg19364777	TTC9B	0.032195	0.409233	0.79789	-1.25331	0.0696237	0.581093	-1.7209	0.0117475	2.32097	2.32097	0.0857941	1.66185	1.66185	0.258107	0.729296	-1.37119
cg15088000	TTC9B	0.0363759	0.470618	1.2769	1.2769	0.673746	1.15146	1.15146	0.0632764	2.005	2.005	0.59334	1.19664	1.19664	0.0291929	0.424915	-2.35341
cg02204038	TTC9C	0.0403146	0.0241771	0.683552	-1.46295	0.167424	1.23157	1.23157	0.101175	1.28926	1.28926	0.802985	0.965236	-1.03602	0.720074	1.05225	1.05225
cg12393716	TTC9C;HNRNPUL2	0.0162945	0.191796	0.826672	-1.20967	0.00262421	1.77499	1.77499	0.00831581	1.5915	1.5915	0.478593	0.905531	-1.10432	0.721864	0.951956	-1.05047
cg13866795	TTF1	0.00122127	0.00152214	0.417751	-2.39377	0.00628513	0.50628	-1.97519	0.414488	1.17293	1.17293	0.0202012	0.58532	-1.70847	0.000275346	0.320152	-3.12352
cg14039299	TTF1	0.00178501	0.300329	0.774075	-1.29186	0.0749589	0.623011	-1.60511	0.0216702	0.518006	-1.93048	0.548666	0.865192	-1.15581	0.000166986	0.216642	-4.6159
cg05061804	TTF1	0.0065762	0.21774	1.20368	1.20368	0.00270077	1.80868	1.80868	0.336268	0.867834	-1.15229	0.198481	1.21445	1.21445	0.767904	0.958571	-1.04322
cg14446138	TTF1	0.0133564	0.127452	0.48458	-2.06364	0.0188071	0.286196	-3.49411	0.0196468	0.289695	-3.4519	0.525021	0.753429	-1.32727	0.00169822	0.13938	-7.17461
cg07573786	TTF2	0.000857471	0.017553	0.457217	-2.18714	0.000381322	0.215181	-4.64726	0.0022797	0.314921	-3.1754	0.0387167	0.52296	-1.91219	0.000193365	0.182841	-5.46922
cg10021122	TTF2	0.0173373	0.207286	1.37736	1.37736	0.135597	1.47292	1.47292	0.00385891	2.55308	2.55308	0.0042927	2.50811	2.50811	0.529484	1.16575	1.16575
cg17649588	TTF2	0.0191622	0.0871662	0.804069	-1.24367	0.0203792	1.38093	1.38093	0.71446	1.04334	1.04334	0.176515	0.84714	-1.18044	0.682198	0.953578	-1.04868
cg23725613	TTF2	0.0222686	0.00652277	0.508491	-1.9666	0.54773	1.12344	1.12344	0.823933	1.04356	1.04356	0.289632	0.810348	-1.23404	0.0125939	0.552336	-1.81049
cg25389235	TTF2	0.0317398	0.00556456	0.432693	-2.31111	0.781223	1.06614	1.06614	0.0122004	0.487545	-2.05109	0.0176446	0.514774	-1.9426	0.16936	0.714076	-1.40041
cg01684562	TTK;TTK	0.00127049	0.00693078	0.423514	-2.3612	0.00017618	0.20931	-4.77761	0.446328	1.2103	1.2103	0.188844	0.710135	-1.40818	0.00128475	0.315385	-3.17073
cg21568731	TTK;TTK	0.00276921	?	?	?	0.00131557	25.7004	25.7004	0.000946156	34.4375	34.4375	0.185624	0.523726	-1.9094	0.133025	0.466574	-2.14328
cg19323245	TTK;TTK	0.00572884	0.00255007	0.074846	-13.3608	0.106871	0.336165	-2.97473	0.0380471	0.225544	-4.43372	0.338882	0.543084	-1.84134	0.0014223	0.0573489	-17.4371
cg24433016	TTK;TTK	0.00783827	0.201011	1.33547	1.33547	0.00347332	2.33892	2.33892	0.339509	0.809875	-1.23476	0.0104257	1.99534	1.99534	0.00764693	0.479762	-2.08437
cg21048542	TTK;TTK	0.0328872	0.12994	0.707565	-1.4133	0.00897612	2.01919	2.01919	0.19087	1.34029	1.34029	0.0647167	0.644846	-1.55076	0.776771	0.941659	-1.06196
cg02966329	TTK;TTK	0.0347031	0.536401	1.09142	1.09142	0.117348	1.26828	1.26828	0.0572326	1.35063	1.35063	0.452857	0.898659	-1.11277	0.197722	1.20954	1.20954
cg11310125	TTL	0.00166112	0.207491	1.10733	1.10733	0.0645221	1.17267	1.17267	0.890822	1.01059	1.01059	0.99248	1.00072	1.00072	0.208038	0.903196	-1.10718
cg10216105	TTL	0.00505287	0.0281474	1.56465	1.56465	0.0545361	1.45734	1.45734	0.0304738	1.5513	1.5513	0.0126061	1.70846	1.70846	0.008289	1.79108	1.79108
cg09759994	TTL	0.0225776	0.0310298	0.310261	-3.2231	0.0127551	4.18039	4.18039	0.0820587	2.43661	2.43661	0.178902	1.93498	1.93498	0.334462	0.631187	-1.58432
cg05027085	TTL	0.0473992	0.479182	0.847397	-1.18008	0.864332	1.04015	1.04015	0.758964	0.931609	-1.07341	0.268981	0.76721	-1.30342	0.726662	1.08413	1.08413
cg04206665	TTLL10	6.10E-05	0.00485647	0.606146	-1.64977	0.00184778	0.552886	-1.80869	0.0419681	0.730372	-1.36916	0.0374595	1.38219	1.38219	1.85E-05	0.310582	-3.21976
cg18411941	TTLL10	0.00015705	7.88E-06	0.208209	-4.80286	0.720118	1.05937	1.05937	0.000621941	0.430011	-2.32552	0.711014	1.06147	1.06147	0.00402358	0.538259	-1.85784
cg09021712	TTLL10	0.000220355	0.824374	0.966273	-1.0349	0.00103541	0.472339	-2.11712	0.427531	1.1332	1.1332	0.00991612	0.604801	-1.65344	5.16E-06	0.202175	-4.94621
cg02852923	TTLL10	0.0027467	0.21807	1.1678	1.1678	0.000190747	2.12284	2.12284	0.343135	0.889648	-1.12404	0.323869	1.12974	1.12974	0.143902	1.20682	1.20682
cg08933284	TTLL10	0.00413238	0.211421	0.693545	-1.44187	0.00577069	0.365888	-2.73307	0.00280939	0.318466	-3.14005	0.859937	1.05032	1.05032	0.000307368	0.196177	-5.09743
cg10056813	TTLL10	0.00681762	0.071031	1.78797	1.78797	0.00134574	3.82687	3.82687	0.2255	1.44304	1.44304	0.659193	1.13642	1.13642	0.00453897	2.97241	2.97241
cg27631599	TTLL10	0.00761126	0.0137744	0.401165	-2.49274	0.138882	0.620099	-1.61264	0.108202	0.591137	-1.69166	0.0245167	2.23374	2.23374	0.0438799	2.00328	2.00328
cg18770446	TTLL10	0.0234653	0.0313913	3.84293	3.84293	0.591645	1.3348	1.3348	0.186769	2.10915	2.10915	0.0942899	2.66683	2.66683	0.0169519	0.211617	-4.72551
cg22047469	TTLL10	0.0334268	0.0351479	3.82417	3.82417	0.0231383	4.41153	4.41153	0.0666345	3.07736	3.07736	0.109342	2.5967	2.5967	0.104255	0.378805	-2.63988
cg14793764	TTLL10	0.0357575	0.051622	0.234319	-4.26769	0.25021	0.45517	-2.19698	0.223325	0.432528	-2.31199	0.205678	0.417058	-2.39775	0.00619361	0.0965006	-10.3626
cg21288685	TTLL10	0.0360706	0.106831	3.41884	3.41884	0.0997486	3.52392	3.52392	0.156509	2.88138	2.88138	0.436894	1.7398	1.7398	0.04369	5.04852	5.04852
cg18382926	TTLL10;TTLL10	0.000262888	0.653414	1.06508	1.06508	0.0142393	0.655886	-1.52466	0.000126229	0.394125	-2.53727	0.241922	0.842944	-1.18632	0.00422412	0.586065	-1.7063
cg17510786	TTLL10;TTLL10	0.00881321	0.0644285	0.665884	-1.50176	0.0132086	0.548123	-1.82441	0.0272846	0.599731	-1.66741	0.366379	1.19918	1.19918	0.000811273	0.372089	-2.68753
cg17168771	TTLL10;TTLL10	0.0115331	0.0396909	1.42114	1.42114	0.0114619	1.59591	1.59591	0.560102	0.916617	-1.09097	0.824363	0.967688	-1.03339	0.0178272	0.65338	-1.5305
cg05800368	TTLL11	0.000305169	0.0439609	1.34078	1.34078	8.38E-06	3.42101	3.42101	0.00620336	1.57152	1.57152	0.777117	0.964687	-1.03661	0.00627273	0.63693	-1.57003
cg14479306	TTLL11	0.00989289	0.00691856	0.210397	-4.75291	0.742991	1.15804	1.15804	0.0722983	0.408833	-2.44599	0.857609	0.923033	-1.08338	0.00158699	0.132422	-7.55159
cg13935380	TTLL11	0.0134442	0.0171428	0.408193	-2.44982	0.00365443	0.297461	-3.36178	0.025588	0.441289	-2.26609	0.199755	0.658479	-1.51865	0.0095268	0.363182	-2.75344
cg13622265	TTLL11	0.0327328	0.36978	2.05318	2.05318	0.00116467	41.436	41.436	0.00880498	13.5341	13.5341	0.627548	1.46502	1.46502	0.178885	3.05056	3.05056
cg27218220	TTLL11;TTLL11	0.00500082	0.0140792	0.260064	-3.8452	0.0298357	0.321122	-3.11409	0.179144	0.530384	-1.88543	0.0809469	0.423188	-2.36301	0.0072906	0.214862	-4.65416
cg19547746	TTLL11;TTLL11	0.0181486	0.8832	0.98366	-1.01661	0.658468	1.05112	1.05112	0.00582724	1.49877	1.49877	0.00291158	0.632233	-1.5817	0.764681	1.03422	1.03422
cg14218962	TTLL11;TTLL11	0.0262993	0.0266484	0.550192	-1.81755	0.738282	0.926563	-1.07926	0.731082	0.924529	-1.08163	0.00759313	2.18353	2.18353	0.45021	0.839458	-1.19125
cg19275834	TTLL11;TTLL11;TTLL11;TTLL11	0.0344627	0.180107	0.777157	-1.28674	0.00164738	0.45023	-2.22109	0.388609	0.855141	-1.1694	0.0455585	0.66626	-1.50092	0.147822	0.759573	-1.31653
cg16123583	TTLL12	0.000797955	0.310116	1.21263	1.21263	0.183152	0.771614	-1.29598	0.740931	0.940913	-1.0628	0.618592	1.09651	1.09651	0.088761	0.708489	-1.41145
cg03052856	TTLL12	0.000920886	0.00303017	0.301792	-3.31354	0.00105985	0.239915	-4.16814	0.00300133	0.301189	-3.32017	0.0923519	1.72674	1.72674	0.707914	1.11737	1.11737
cg18016195	TTLL12	0.00519138	0.000588196	0.593637	-1.68453	0.0370677	1.26838	1.26838	0.122722	1.17849	1.17849	0.423643	0.922886	-1.08356	0.738896	1.03339	1.03339
cg01021975	TTLL12	0.0206895	0.148491	0.829578	-1.20543	0.218397	0.855496	-1.16891	0.683645	0.951808	-1.05063	0.454877	0.912319	-1.09611	0.121551	1.22428	1.22428
cg09976981	TTLL12	0.0293553	0.0520647	0.711292	-1.40589	0.0141154	0.626908	-1.59513	0.0996169	0.757136	-1.32077	0.342727	0.860117	-1.16263	0.416156	0.879757	-1.13668
cg01634745	TTLL12	0.0331795	0.6164	1.09566	1.09566	0.0489095	0.665805	-1.50194	0.0195503	0.600256	-1.66596	0.860801	1.03226	1.03226	0.0063709	0.526115	-1.90073
cg12934461	TTLL13	0.00025331	0.361346	1.26673	1.26673	0.61101	0.87875	-1.13798	1.94E-05	8.88294	8.88294	8.80E-05	0.170203	-5.87535	0.218829	1.38525	1.38525
cg00425431	TTLL13	0.021085	0.0343154	0.404007	-2.47521	0.159151	1.73734	1.73734	0.731871	1.13457	1.13457	0.123627	1.84445	1.84445	0.0135114	0.325546	-3.07177
cg18982625	TTLL1;TTLL1	4.87E-05	6.53E-05	0.22202	-4.5041	0.0284618	1.70045	1.70045	0.00406587	2.20758	2.20758	0.982616	1.00448	1.00448	7.13E-05	0.226175	-4.42136
cg06839820	TTLL1;TTLL1	0.0141332	0.535407	0.876382	-1.14106	0.136322	1.40135	1.40135	0.382656	1.2071	1.2071	0.225868	1.30653	1.30653	0.95589	0.988438	-1.0117
cg04910082	TTLL1;TTLL1	0.0161634	0.00357753	0.182092	-5.49173	0.275222	0.612635	-1.63229	0.155768	0.519159	-1.92619	0.0162997	0.281447	-3.55307	0.0100349	0.245909	-4.06655
cg21356630	TTLL2	0.001503	0.230596	0.765405	-1.3065	0.849009	0.960294	-1.04135	0.670176	0.91295	-1.09535	0.26533	0.781326	-1.27987	3.25E-05	0.179566	-5.56898
cg22019305	TTLL2	0.0267833	0.717584	0.93382	-1.07087	0.565598	1.1157	1.1157	0.0028779	0.461722	-2.16581	0.0256421	0.606692	-1.64828	0.0199831	0.589009	-1.69777
cg08799997	TTLL2	0.0268295	0.268288	0.694415	-1.44006	0.56904	0.833574	-1.19965	0.745064	0.901956	-1.1087	0.519011	0.813212	-1.22969	0.000364551	0.164224	-6.08925
cg18114913	TTLL2	0.0468563	0.421777	0.85978	-1.16309	0.04982	0.662399	-1.50966	0.00189336	0.444628	-2.24907	0.248882	0.801005	-1.24843	0.0823987	0.701728	-1.42505
cg12215675	TTLL2;TTLL2	0.002741	0.00137513	0.659311	-1.51673	0.336839	1.09294	1.09294	0.196563	1.13037	1.13037	0.280831	0.904292	-1.10584	0.224516	0.891807	-1.12132
cg26320410	TTLL3	0.000262633	0.890967	0.962552	-1.0389	0.0150148	2.29775	2.29775	0.0127503	2.36585	2.36585	0.288818	0.736084	-1.35854	0.349189	0.764769	-1.30758
cg03375833	TTLL3	0.000267514	7.53E-05	0.124695	-8.01957	0.0268525	0.467744	-2.13792	0.00660998	0.359967	-2.77803	0.865924	0.952211	-1.05019	4.57E-05	0.107202	-9.32815
cg07608658	TTLL3	0.000722162	0.00149779	0.652003	-1.53374	0.0011323	1.56456	1.56456	0.191814	0.878869	-1.13783	0.532033	1.06093	1.06093	0.000295339	0.576463	-1.73472
cg12436715	TTLL3	0.0221912	0.887699	1.03318	1.03318	0.224914	0.74494	-1.34239	0.000445128	0.277977	-3.59742	0.610152	1.12613	1.12613	0.803276	1.05935	1.05935
cg00054472	TTLL3	0.0277009	0.557301	1.12603	1.12603	0.0704935	1.4982	1.4982	0.405876	1.18537	1.18537	0.0650457	1.51329	1.51329	0.00236706	0.428328	-2.33466
cg21415305	TTLL3	0.0293725	0.508819	1.10815	1.10815	0.0235569	1.51337	1.51337	0.676242	1.06646	1.06646	0.613325	0.924894	-1.0812	0.913188	1.01685	1.01685
cg18031978	TTLL3	0.0472259	0.885517	0.978005	-1.02249	0.00133252	2.05486	2.05486	0.373483	1.15146	1.15146	0.165837	1.25626	1.25626	0.223488	1.21828	1.21828
cg05140293	TTLL4	6.54E-05	0.234676	0.900719	-1.11022	0.00570402	1.35566	1.35566	0.913953	0.990968	-1.00911	0.0521918	0.830792	-1.20367	0.0282935	1.24278	1.24278
cg27629986	TTLL4	0.0112335	0.00831044	0.218198	-4.58299	0.0070594	0.207796	-4.81241	0.013622	0.252286	-3.96375	0.0415021	0.346193	-2.88856	0.0318248	0.321324	-3.11213
cg01717376	TTLL4	0.0125772	0.767065	1.08075	1.08075	0.417211	0.805136	-1.24203	0.00657697	0.397472	-2.5159	0.698245	1.10721	1.10721	0.000453091	0.235769	-4.24145
cg18485154	TTLL4	0.018633	0.650251	1.34339	1.34339	0.420319	1.70514	1.70514	0.522672	1.52106	1.52106	0.000515998	0.0230169	-43.4464	0.912367	1.07372	1.07372
cg01827633	TTLL4	0.0212383	0.00621474	0.230058	-4.34673	0.0491732	0.39656	-2.52169	0.032472	0.356581	-2.80441	0.0543092	0.406766	-2.45842	0.00648553	0.232788	-4.29575
cg00665395	TTLL4	0.0216011	0.550677	0.918314	-1.08895	0.0296563	1.43523	1.43523	0.0362887	1.40997	1.40997	0.105832	0.779322	-1.28317	0.0705675	1.33006	1.33006
cg02176678	TTLL4	0.0331318	0.035427	0.237032	-4.21883	0.00660753	0.125859	-7.94538	0.0780412	0.316361	-3.16094	0.141531	0.394873	-2.53246	0.0318075	0.227861	-4.38864
cg23920251	TTLL5	0.00690339	0.961078	1.01318	1.01318	0.000490414	0.23108	-4.3275	0.0231404	0.482639	-2.07194	0.0470816	0.54355	-1.83976	0.184725	0.685642	-1.45849
cg09236323	TTLL5	0.00701315	0.200272	0.732617	-1.36497	0.412742	0.824828	-1.21237	0.0065565	0.443927	-2.25262	0.21075	0.738409	-1.35426	0.000499066	0.285805	-3.49889
cg04169243	TTLL5	0.01027	0.21292	1.27485	1.27485	0.000408026	0.353625	-2.82785	0.197078	0.776906	-1.28716	0.299392	1.22029	1.22029	0.729766	1.0663	1.0663
cg11083848	TTLL5	0.01278	0.0237657	0.319782	-3.12713	0.0577441	0.403947	-2.47557	0.0112323	0.261323	-3.82668	0.00458988	0.203094	-4.92383	0.00389463	0.193585	-5.16568
cg07123022	TTLL5	0.0166753	0.051331	0.584079	-1.7121	0.522081	0.854497	-1.17028	0.496431	0.8459	-1.18217	0.613987	1.13118	1.13118	0.0122435	0.469394	-2.13041
cg10395252	TTLL5	0.0388812	0.0326569	0.227171	-4.40197	0.269543	1.97716	1.97716	0.013133	0.161488	-6.1924	0.194388	0.443124	-2.25671	0.00499802	0.110539	-9.04661
cg14850604	TTLL5	0.0412322	0.940851	0.97253	-1.02825	0.161764	0.570747	-1.75209	0.417637	0.732785	-1.36466	0.820455	1.08907	1.08907	0.00148706	0.179062	-5.58465
cg25116370	TTLL5;C14orf1	0.00672893	0.710837	0.897155	-1.11463	0.00582494	2.86439	2.86439	0.374488	1.3043	1.3043	0.277263	1.39001	1.39001	0.612271	1.16062	1.16062
cg18945861	TTLL5;C14orf1	0.0491173	0.296165	0.611665	-1.63488	0.0336694	3.08266	3.08266	0.382094	0.665789	-1.50198	0.00782111	4.70758	4.70758	0.683734	1.20426	1.20426
cg04848925	TTLL6	0.000211862	0.613813	0.958888	-1.04287	0.0372522	0.819158	-1.22077	1.74E-05	2.06646	2.06646	0.0280255	0.807254	-1.23877	0.512448	0.946667	-1.05634
cg10866623	TTLL6	0.00110474	0.00548006	0.594268	-1.68274	6.97E-05	2.81492	2.81492	0.333729	1.15266	1.15266	0.0887453	1.30674	1.30674	0.0119043	1.56404	1.56404
cg12027420	TTLL6	0.00395919	0.893515	0.970521	-1.03037	0.0398581	1.70033	1.70033	0.325341	1.25471	1.25471	0.229891	1.32506	1.32506	0.81869	0.949993	-1.05264
cg21745595	TTLL6	0.00889755	0.0154902	0.218366	-4.57946	0.00832243	0.177622	-5.62994	0.130949	0.433609	-2.30623	0.28747	0.56786	-1.761	0.0140316	0.211398	-4.73042
cg08728129	TTLL6	0.0217039	?	?	?	0.284587	0.621409	-1.60925	0.527263	1.31543	1.31543	0.229552	1.71536	1.71536	0.00521243	0.206434	-4.84416
cg08901867	TTLL6;TTLL6	0.000680799	0.706331	0.880915	-1.13518	0.732369	1.12186	1.12186	0.00460003	0.282691	-3.53744	0.0394378	0.450209	-2.22119	0.000702125	0.177175	-5.64412
cg16757248	TTLL6;TTLL6	0.000957127	0.849931	1.05117	1.05117	0.546141	0.851364	-1.17459	0.035538	0.524816	-1.90543	0.560945	1.16752	1.16752	0.964134	0.988224	-1.01192
cg25069354	TTLL6;TTLL6	0.00197575	0.0150891	0.266657	-3.75014	0.0574805	0.386388	-2.58807	0.00347643	0.172845	-5.78554	0.0376064	0.343849	-2.90826	0.000206033	0.0638311	-15.6663
cg24696861	TTLL6;TTLL6	0.00332006	0.212441	0.730663	-1.36862	0.839459	1.04966	1.04966	9.53E-05	0.190072	-5.26117	0.811426	1.05877	1.05877	0.419112	1.21806	1.21806
cg22330492	TTLL6;TTLL6	0.00624236	0.146632	0.590545	-1.69335	?	?	?	0.146838	0.590727	-1.69283	0.0611627	0.490024	-2.04071	?	?	?
cg25515941	TTLL6;TTLL6	0.00658311	0.796868	0.892553	-1.12038	0.975916	0.986785	-1.01339	0.000773756	0.106203	-9.41592	0.984877	0.991682	-1.00839	0.0210761	0.294479	-3.39582
cg12654140	TTLL6;TTLL6	0.0401851	0.0694151	0.583261	-1.7145	0.00892757	0.413557	-2.41805	0.0584218	0.566887	-1.76402	0.552418	0.852535	-1.17297	0.978326	1.00724	1.00724
cg10172253	TTLL7	0.00432998	0.00938265	0.334495	-2.98958	0.035709	0.443683	-2.25386	0.0114114	0.34899	-2.86541	0.72618	1.12401	1.12401	0.000137576	0.111708	-8.95189
cg17237813	TTLL7	0.00478692	0.783518	1.08862	1.08862	0.000768941	4.80861	4.80861	0.0869842	1.79092	1.79092	0.0550197	1.95576	1.95576	0.973513	1.01029	1.01029
cg08641867	TTLL7	0.0242373	0.814748	1.03375	1.03375	0.003353	0.568675	-1.75847	0.0130407	0.6469	-1.54584	0.803866	0.965423	-1.03582	0.606422	0.929145	-1.07626
cg09131332	TTLL8	4.65E-05	3.45E-05	0.200068	-4.99829	8.60E-05	0.242648	-4.1212	1.47E-05	0.163924	-6.10039	8.75E-05	0.243449	-4.10764	0.0787747	0.675615	-1.48013
cg00117914	TTLL8	6.93E-05	4.07E-05	0.195006	-5.12804	0.0274435	0.580122	-1.72377	0.0266275	0.577839	-1.73059	0.000170983	0.26354	-3.79448	2.95E-05	0.18108	-5.52242
cg00650410	TTLL8	0.000134258	0.264289	0.86985	-1.14962	0.658695	1.05471	1.05471	0.778148	1.03443	1.03443	0.292827	0.877413	-1.13971	0.0131994	0.692004	-1.44508
cg18683691	TTLL8	0.000187394	0.716876	1.03946	1.03946	0.00060712	0.570334	-1.75336	0.00324393	0.652721	-1.53205	0.335457	1.11131	1.11131	4.65E-06	0.327574	-3.05275
cg20792408	TTLL8	0.000291378	6.14E-05	0.0977036	-10.235	0.00672021	0.331011	-3.02105	0.00243442	0.265211	-3.77059	0.121866	0.590098	-1.69463	0.000961288	0.212953	-4.69588
cg05298088	TTLL8	0.000292853	0.592978	0.906117	-1.10361	0.144577	1.33155	1.33155	0.433747	0.864198	-1.15714	0.00216793	0.455516	-2.19531	0.698729	0.931402	-1.07365
cg09881585	TTLL8	0.000321098	0.00131424	0.361222	-2.76838	1.48E-05	0.141105	-7.08692	0.00253217	0.401444	-2.49101	0.00475124	0.441959	-2.26265	0.00812953	0.478138	-2.09145
cg25414370	TTLL8	0.000359867	0.628009	1.10586	1.10586	0.00011712	0.248957	-4.01676	0.0558187	0.639838	-1.5629	0.142308	0.722474	-1.38413	0.13718	0.71896	-1.3909
cg04240548	TTLL8	0.000377809	0.000940755	0.419706	-2.38262	0.0707982	0.701008	-1.42652	0.287504	0.82339	-1.21449	0.0449786	0.667074	-1.49909	0.000928715	0.41896	-2.38686
cg19977691	TTLL8	0.000459923	0.639799	0.899266	-1.11202	0.945957	1.01539	1.01539	0.00727475	0.458472	-2.18116	0.000114774	0.217782	-4.59174	0.0488099	0.602386	-1.66007
cg19535000	TTLL8	0.0005806	0.000393972	0.455754	-2.19416	0.000487069	0.46725	-2.14018	0.287621	0.85755	-1.16611	0.0353985	0.711078	-1.40632	8.71E-05	0.375432	-2.66359
cg14837980	TTLL8	0.000609725	0.0027117	0.708714	-1.41101	0.00847876	1.31729	1.31729	0.114578	0.871918	-1.1469	0.956861	0.995745	-1.00427	0.803236	0.980506	-1.01988
cg10564826	TTLL8	0.000684876	0.037976	0.76199	-1.31235	0.486959	0.923304	-1.08307	0.968189	0.995505	-1.00452	0.181959	0.852089	-1.17359	2.05E-05	0.378242	-2.64381
cg02843667	TTLL8	0.00203158	0.114008	0.794862	-1.25808	0.00401889	0.596847	-1.67547	4.93E-05	0.361272	-2.768	0.910562	1.01512	1.01512	0.662857	0.943105	-1.06033

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18818993	0.727751	0.966955	-1.03417	0.0248053	1.29291	1.29291	0.435634	0.926376	-1.07948	0.213049	1.13438	1.13438	3.89246	0.569933	0.130151	1
cg16407739	0.214172	0.765583	-1.30619	0.36223	1.21079	1.21079	0.346927	0.820519	-1.21874	0.592968	0.895652	-1.11651	3.83629	2.53463	0.587288	1
cg17308758	0.296702	0.75389	-1.32645	0.0413398	0.540944	-1.84862	0.0838425	1.64796	1.64796	0.0199169	0.48012	-2.08281	3.7454	4.04429	0.959823	1
cg05168764	0.0484721	0.57417	-1.74165	0.0159325	0.483617	-2.06775	0.208003	0.721281	-1.38642	0.0162751	0.485234	-2.06086	3.68602	3.5362	0.852758	1
cg05339605	0.87177	1.09365	1.09365	0.287244	0.542085	-1.84473	0.00835487	6.47268	6.47268	0.9444	0.962087	-1.03941	3.66191	17.8101	4.3232	1
cg01955025	0.301281	0.722158	-1.38474	0.736734	0.902534	-1.10799	0.102917	1.7199	1.7199	0.983304	0.99366	-1.00638	3.65799	5.3516	1.30044	1
cg05039463	0.751494	1.04547	1.04547	0.0312907	0.702134	-1.42423	0.634302	1.06937	1.06937	0.0350456	1.41022	1.41022	3.59318	1.1149	0.275806	1
cg12128828	0.100088	1.51656	1.51656	0.521824	1.1619	1.1619	0.0934557	1.53178	1.53178	0.245207	1.32438	1.32438	3.58183	3.03047	0.752059	1
cg13763345	0.272625	1.75056	1.75056	0.260049	1.77913	1.77913	0.110732	2.34484	2.34484	0.13357	2.21116	2.21116	3.49347	13.3055	3.3855	1
cg04574282	0.00253539	0.246576	-4.05555	0.409291	1.32575	1.32575	0.296333	1.43594	1.43594	0.00373141	0.27018	-3.70123	9.25011	16.3567	1.5718	1
cg02219125	0.711234	1.05378	1.05378	0.0737475	0.755163	-1.32422	0.158499	1.23659	1.23659	0.0309368	1.42894	1.42894	9.14274	2.87387	0.279408	1
cg08231350	0.0348329	1.36019	1.36019	0.102602	1.2503	1.2503	0.0168423	1.44013	1.44013	0.503336	0.918565	-1.08865	7.58404	1.87878	0.220202	1
cg07077507	0.000909616	0.557153	-1.79484	0.630167	0.944398	-1.05888	0.25303	1.15116	1.15116	0.369765	1.11473	1.11473	4.62384	1.01824	0.195748	1
cg00009407	0.818995	1.0379	1.0379	0.0690026	0.718757	-1.39129	0.0681289	0.717831	-1.39309	0.599428	1.08982	1.08982	3.57699	1.49212	0.370795	1
cg01634544	0.046101	0.448709	-2.22862	0.22233	0.637819	-1.56784	0.0376854	2.32866	2.32866	0.00564727	0.279855	-3.57328	14.1895	27.6305	1.73089	1
cg08280368	0.149852	1.56293	1.56293	0.00378671	0.323075	-3.09526	0.00265788	3.32737	3.32737	0.0730943	0.560924	-1.78277	7.32705	9.70858	1.17781	1
cg03762817	0.775549	1.09035	1.09035	0.000503141	0.192851	-5.18535	0.0185953	0.421731	-2.37118	0.510459	1.22383	1.22383	6.55992	9.51186	1.28889	1
cg13244312	0.63628	1.19247	1.19247	0.00127438	0.176147	-5.67707	0.138359	1.80316	1.80316	0.239053	0.634062	-1.57713	4.94128	10.6853	1.92218	1
cg04536689	0.270656	0.631417	-1.58374	0.00411543	8.38141	8.38141	0.00758917	6.01014	6.01014	?	?	?	10.9434	19.6817	0.899253	1
cg23691406	0.00639048	0.45042	-2.22015	0.0092537	2.10091	2.10091	0.516631	1.15928	1.15928	0.834805	1.04806	1.04806	4.19791	3.3587	0.711191	1
cg14929883	0.158758	0.763746	-1.30934	0.0835134	0.709817	-1.40881	0.624422	1.0923	1.0923	0.314761	0.830272	-1.20442	4.13991	2.09907	0.450697	1
cg23900759	0.227402	0.526903	-1.89788	0.586627	1.31997	1.31997	0.413896	1.52554	1.52554	0.722829	1.19731	1.19731	3.90252	15.8028	3.59945	1
cg04905775	0.28893	0.871828	-1.14701	0.00275505	0.597699	-1.67308	0.79927	0.968749	-1.03226	0.275015	1.15201	1.15201	3.55838	0.874934	0.21856	1
cg17498102	0.654191	0.956002	-1.04602	0.0126868	0.734082	-1.36225	0.162868	0.861866	-1.16027	0.198821	1.14511	1.14511	3.43151	0.541226	0.140198	1
cg07936856	0.019861	1.6715	1.6715	4.80E-05	0.247015	-4.04834	0.0762758	1.43383	1.43383	0.152755	1.32286	1.32286	10.4042	5.50049	0.469939	1
cg11984463	0.0136572	0.243941	-4.09935	0.00534087	0.183178	-5.45918	0.0170011	0.260257	-3.84235	0.311794	0.616333	-1.6225	6.06401	20.5451	3.01159	1
cg07876950	0.046909	1.98308	1.98308	0.0865187	0.565581	-1.76809	0.241006	0.691123	-1.44692	0.662503	1.14132	1.14132	5.99565	8.60258	1.27538	1
cg25631853	0.880073	0.933297	-1.07147	0.00175247	0.130142	-7.68391	0.0180307	0.268846	-3.7196	0.254443	0.580372	-1.72303	5.25066	17.385	2.94313	1
cg02724271	0.464657	0.721583	-1.38584	0.303414	0.626633	-1.59583	0.933243	1.03742	1.03742	0.178776	1.87071	1.87071	4.81001	14.6463	2.70664	1
cg19364777	0.825386	1.06089	1.06089	0.0361193	0.521025	-1.91929	0.0683288	0.579277	-1.72629	0.396043	1.26176	1.26176	3.9852	4.51684	1.00747	1
cg15088000	0.155902	0.603136	-1.658	0.0259687	0.414679	-2.4115	0.600762	1.19226	1.19226	0.0224436	2.48622	2.48622	3.81341	6.69903	1.56151	1
cg02204038	0.102351	1.28793	1.28793	0.669353	0.941008	-1.06269	0.0094774	0.627952	-1.59248	0.279219	0.852793	-1.17262	3.67252	1.1653	0.282047	1
cg12393716	0.830814	1.02991	1.02991	0.0859391	0.769968	-1.29876	0.699393	0.947954	-1.0549	0.0543406	1.35089	1.35089	5.04029	1.51478	0.267142	1
cg13866795	0.731229	1.06815	1.06815	0.00204748	0.435677	-2.29528	0.177629	1.31514	1.31514	0.158988	1.33356	1.33356	11.1159	6.43691	0.514732	1
cg14039299	0.000796245	0.298585	-3.34913	0.000544351	0.277403	-3.60487	0.134387	0.680344	-1.46985	0.0339631	0.55397	-1.80515	9.96592	8.98597	0.801485	1
cg05061804	0.16189	0.807719	-1.23805	0.000851295	0.488373	-2.04762	0.18611	1.22192	1.22192	0.638669	0.934616	-1.06996	6.74493	2.18363	0.287773	1
cg14446138	0.00334585	0.172893	-5.78394	0.02203	0.299043	-3.344	0.348808	0.65445	-1.528	0.0464594	0.366973	-2.725	5.38234	16.4696	2.71994	1
cg07573786	0.0110337	0.421764	-2.37099	0.000372411	0.214004	-4.67282	0.238331	0.715732	-1.39717	0.00327588	0.33781	-2.96025	12.2895	14.2724	1.03231	1
cg10021122	0.476238	1.19053	1.19053	0.740577	1.08328	1.08328	0.12731	1.48734	1.48734	0.00226755	2.79608	2.79608	4.9369	4.5322	0.816022	1
cg17649588	0.503986	1.08144	1.08144	0.00431221	0.643648	-1.55364	0.0125201	0.698624	-1.43139	0.677786	1.04942	1.04942	4.77332	1.00775	0.187664	1
cg23725613	0.565486	0.894799	-1.11757	0.0144855	1.7796	1.7796	0.734025	1.06743	1.06743	0.103338	0.71115	-1.40617	4.53501	2.62926	0.515351	1
cg25389235	0.532126	0.864533	-1.15669	0.397124	1.22073	1.22073	0.947517	1.01526	1.01526	0.362862	1.24001	1.24001	4.00556	3.35672	0.744903	1
cg01684562	0.032567	0.540588	-1.84984	0.000434629	0.25471	-3.92604	0.0184997	0.495385	-2.01863	0.0278725	0.527824	-1.89457	10.9911	10.5243	0.851144	1
cg21568731	0.21749	0.552989	-1.80836	0.00267437	14.7161	14.7161	0.00956482	6.61513	6.61513	0.00221929	16.8893	16.8893	29.0399	66.1402	1.13878	1
cg19323245	0.300209	0.514355	-1.94418	0.000600001	0.0376818	-26.538	0.329713	0.536375	-1.86437	0.0332339	0.214087	-4.67099	7.03879	42.754	5.39916	1
cg24433016	0.501784	1.15723	1.15723	0.93186	1.01849	1.01849	0.0367131	0.594595	-1.68182	0.145519	1.39764	1.39764	6.38502	4.64011	0.645971	1
cg21048542	0.2759	1.27085	1.27085	0.0106636	1.97166	1.97166	0.547878	1.13723	1.13723	0.748128	1.0705	1.0705	3.95491	2.80107	0.629557	1
cg02966329	0.499687	0.908704	-1.10047	0.00429999	0.586555	-1.70487	0.0592858	1.3465	1.3465	0.96896	1.00545	1.00545	3.87907	1.19941	0.274846	1
cg11310125	0.2113	1.10629	1.10629	2.69E-05	0.52953	-1.88847	0.964293	0.996572	-1.00344	0.667595	1.03369	1.03369	10.1756	0.948153	0.0828255	1
cg10216105	0.632943	1.08663	1.08663	0.00172931	0.462201	-2.16356	0.360962	0.850311	-1.17604	0.323137	1.19269	1.19269	7.31506	3.45406	0.41972	1
cg09759994	0.0240199	0.288107	-3.47094	0.941252	0.966503	-1.03466	0.182746	1.92245	1.92245	0.151029	0.490984	-2.03673	4.51357	15.2759	3.00839	1
cg05027085	0.562902	0.874034	-1.14412	0.00079985	0.311861	-3.20655	0.448798	1.19443	1.19443	0.432152	0.831498	-1.20265	3.45737	2.90116	0.745887	1
cg04206665	8.98E-06	0.275398	-3.63111	0.0103023	1.54244	1.54244	0.0191477	0.683837	-1.46234	0.237367	0.847095	-1.18051	25.2511	7.18696	0.252996	1
cg18411941	0.90663	1.01899	1.01899	0.00335931	1.89574	1.89574	0.628588	0.92484	-1.08127	0.0962427	1.34016	1.34016	19.6125	7.98168	0.36175	1
cg09021712	0.00506051	0.564326	-1.77203	0.598379	1.08551	1.08551	0.868015	1.02601	1.02601	0.00536852	0.56784	-1.76106	17.8942	6.7527	0.335439	1
cg02852923	0.207902	1.17232	1.17232	0.000258976	2.05374	2.05374	0.164049	1.19457	1.19457	0.160726	1.19648	1.19648	8.78476	1.99442	0.201806	1
cg08933284	0.0163365	0.442198	-2.26143	0.534896	0.839727	-1.19086	0.205389	0.689801	-1.44969	0.00756772	0.38483	-2.59855	7.77574	9.51437	1.08764	1
cg10056813	0.12368	1.61677	1.61677	0.000763529	4.34582	4.34582	0.69888	0.894045	-1.11851	0.152116	1.55586	1.55586	6.66975	8.76938	1.16871	1
cg27631599	0.569415	1.18825	1.18825	0.00144932	3.97658	3.97658	0.51347	0.819724	-1.21992	0.49827	1.22904	1.22904	6.4442	9.18416	1.26683	1
cg18770446	0.674083	0.798069	-1.25302	0.00370321	8.09607	8.09607	0.736883	0.835418	-1.19701	0.377027	1.62157	1.62157	4.45397	20.06	4.00342	1
cg22047469	0.157863	2.28266	2.28266	0.0152054	5.102	5.102	0.490206	0.681757	-1.4668	0.0830435	2.85466	2.85466	3.93185	18.6035	4.20578	1
cg14793764	0.0251557	0.174756	-5.72225	0.0102568	0.120096	-8.32664	0.0250754	0.174527	-5.72977	0.0450346	0.221663	-4.51135	3.83724	26.0765	6.04057	1
cg21288685	0.494255	1.62365	1.62365	0.000991016	30.4675	30.4675	0.39173	1.84541	1.84541	0.0467323	4.9033	4.9033	3.82511	29.5356	6.86356	1
cg18382926	0.000202624	0.419236	-2.38529	0.000382829	2.20544	2.20544	0.295257	0.859493	-1.16348	0.496848	1.10101	1.10101	17.0546	5.25596	0.273941	1
cg17510786	0.511429	1.13923	1.13923	0.794773	0.950256	-1.05235	0.0244742	0.591787	-1.6898	0.0177308	0.568687	-1.75844	6.15316	3.73356	0.539352	1
cg17168771	0.00146274	1.97182	1.97182	0.492245	1.10856	1.10856	0.501611	1.10603	1.10603	0.940236	1.01114	1.01114	5.6456	1.95235	0.307393	1
cg05800368	0.166601	1.20541	1.20541	0.0162572	1.45104	1.45104	0.0101954	1.50738	1.50738	0.56727	1.076	1.076	16.3734	4.16121	0.225906	1
cg14479306	0.580164	0.779456	-1.28295	0.00134249	0.125184	-7.98827	0.64029	0.810683	-1.23353	0.187578	0.536437	-1.86415	5.931	18.6806	2.7997	1
cg13935380	0.0334606	0.4647	-2.15193	0.0199757	0.420582	-2.37766	0.00394575	0.302403	-3.30684	0.347765	0.742171	-1.3474	5.3708	8.09194	1.33925	1
cg13622265	0.354082	2.10572	2.10572	0.178867	3.05071	3.05071	0.108204	3.93044	3.93044	0.877128	1.12845	1.12845	3.9616	38.2743	8.58785	1
cg27218220	0.00980304	0.234341	-4.26728	0.000301309	0.0734097	-13.6222	0.00424253	0.182531	-5.47852	0.0578901	0.385668	-2.59291	7.33823	22.9507	2.78005	1
cg19547746	0.594513	0.941566	-1.06206	0.182585	0.853408	-1.17177	0.0989091	0.816473	-1.22478	0.22102	1.15509	1.15509	4.86166	0.967048	0.176812	1
cg14218962	0.110917	1.48444	1.48444	0.184012	0.725747	-1.37789	0.0171601	1.93599	1.93599	0.770824	1.06869	1.06869	4.28091	3.50763	0.728325	1
cg19275834	0.0415121	0.659478	-1.51635	0.0276765	0.630628	-1.58572	0.0856026	0.714249	-1.40007	0.0696498	0.698131	-1.4324	3.88882	1.9319	0.441584	1
cg16123583	0.101279	1.3901	1.3901	9.75E-06	0.174417	-5.73339	0.959908	0.990815	-1.00927	0.933793	1.01537	1.01537	12.5411	6.69282	0.474373	1
cg03052856	0.000216185	0.161989	-6.17327	0.322865	1.35135	1.35135	0.326758	0.741905	-1.34788	0.00358684	0.312547	-3.19952	12.0444	16.5858	1.22405	1
cg18016195	0.0472056	0.800121	-1.24981	0.211765	1.13789	1.13789	0.00706233	0.710418	-1.40762	0.590267	1.05483	1.05483	7.25483	1.10804	0.135761	1
cg01021975	0.111872	1.2321	1.2321	0.0012025	1.77159	1.77159	0.228353	0.858625	-1.16465	0.367322	0.894363	-1.11811	4.6506	1.07049	0.204607	1
cg09976981	0.0016732	0.500178	-1.99929	0.288048	1.18534	1.18534	0.861727	0.973483	-1.02724	0.445494	0.887018	-1.12737	4.11844	1.55003	0.334544	1
cg01634745	0.0579781	0.67865	-1.47351	0.399686	1.16876	1.16876	0.231232	0.796804	-1.25501	0.028858	0.627421	-1.59383	3.94236	2.04286	0.460605	1
cg12934461	0.321126	1.29472	1.29472	0.469934	0.830908	-1.2035	0.149127	0.677178	-1.47672	0.938761	0.980825	-1.01955	17.2281	17.3248	0.893879	1
cg00425431	0.297394	0.672634	-1.48669	0.00886444	0.294403	-3.39671	0.0331874	0.400931	-2.4942	0.180407	0.593249	-1.68563	4.62065	9.86106	1.897	1
cg18982625	0.00172166	2.50525	2.50525	0.156744	0.73272	-1.36478	0.00011637	4.00104	4.00104	0.0171211	0.550659	-1.81601	26.8035	17.896	0.593489	1
cg06839820	0.000626487	0.331009	-3.02107	0.191657	0.747808	-1.33724	0.124926	1.41795	1.41795	0.142079	1.39352	1.39352	5.2834	3.69854	0.622249	1
cg04910082	0.150548	0.514218	-1.9447	0.00255313	0.164232	-6.08896	0.27509	0.612546	-1.63253	0.0342274	0.34424	-2.90495	5.05388	14.9132	2.62296	1
cg21356630	0.96908	1.00827	1.00827	0.0096689	2.00575	2.00575	0.623357	0.900125	-1.11096	0.0260706	0.57045	-1.753	10.4736	7.49589	0.636175	1
cg22019305	0.88828	1.02685	1.02685	0.0994237	1.40557	1.40557	0.455349	0.866463	-1.15412	0.343494	0.83197	-1.20197	4.25366	2.39399	0.500273	1
cg08799997	0.335074	0.730224	-1.36944	0.34098	1.3639	1.3639	0.619093	0.853417	-1.17176	0.708464	0.887986	-1.12614	4.25109	6.73485	1.40823	1
cg18114913	0.766539	0.94666	-1.05634	0.208322	1.27661	1.27661	0.396446	0.852257	-1.17335	0.51231	0.884844	-1.13014	3.47242	1.86394	0.477141	1
cg12215675	0.0469594	1.22641	1.22641	0.000335894	1.68029	1.68029	0.378203	0.922061	-1.08453	0.376953	1.08477	1.08477	8.79016	1.12134	0.113393	1
cg26320410	0.543325	0.842656	-1.18672	4.82E-06	0.0545517	-18.3312	0.500934	1.20937	1.20937	0.385947	1.2806	1.2806	17.0591	20.9219	1.09016	1
cg03375833	0.0015647	0.267983	-3.73158	0.000191915	0.161977	-6.17373	0.659478	0.879415	-1.13712	0.0243666	0.459562	-2.17599	16.9736	22.5743	1.18219	1
cg07608658	0.97647	0.997248	-1.00276	0.000923136	0.629738	-1.58796	0.855804	1.01714	1.01714	0.352421	0.914461	-1.09354	12.8977	1.78377	0.122934	1
cg12436715	0.731223	0.923437	-1.08291	0.956826	1.01258	1.01258	0.649408	0.899676	-1.11151	0.0333869	0.563102	-1.77588	4.54043	3.83735	0.751244	1
cg00054472	0.635885	0.909028	-1.10008	0.308378	0.809899	-1.23472	0.466719	1.15965	1.15965	0.125763	0.717972	-1.39281	4.20364	2.66265	0.563036	1
cg21415305	0.68341	0.939109	-1.06484	0.00150657	0.496283	-2.01498	0.183389	0.805511	-1.24145	0.547452	1.09776	1.09776	4.11759	1.53096	0.330498	1
cg18031978	0.26279	1.1975	1.1975	0.196827	0.810057	-1.23448	0.734704	0.948847	-1.05391	0.584145	1.08907	1.08907	3.46215	1.30675	0.335501	1
cg05140293	1.08E-06	0.343627	-2.91013	0.0597393	0.836665	-1.19522	0.0125863	0.7707	-1.29752	0.272961	0.908671	-1.10051	24.7928	2.76667	0.0991926	1
cg27629986	0.0488785	0.362433	-2.75913	0.00286882	0.157098	-6.36546	0.0764046	0.410857	-2.43394	0.00705342	0.207743	-4.81364	5.69382	18.362	2.86658	1
cg01717376	0.834088	0.946643	-1.05636	0.0562146	0.5682	-1.75994	0.19407	0.698246	-1.43216	0.0951267	0.619149	-1.61512	5.48903	5.94132	0.962133	1
cg18485154	0.739496	0.805971	-1.24074	?	?	?	0.75032	1.22919	1.22919	0.318717	1.95253	1.95253	5.46876	31.4565	5.03303	1
cg01827633	0.803947	1.10789	1.10789	0.0130711	0.281364	-3.55411	0.602877	0.805563	-1.24137	0.0398454	0.375784	-2.6611	4.60922	12.3864	2.38871	1
cg00665395	0.162213	0.81008	-1.23445	0.166594	0.812076	-1.23141	0.088842	1.3033	1.3033	0.0135892	1.53877	1.53877	4.58259	1.44584	0.28045	1
cg02176678	0.119502	0.370475	-2.69924	0.00751921	0.132401	-7.5528	0.0340934	0.233728	-4.27849	0.0653979	0.296515	-3.37252	3.9444	21.5826	4.86374	1
cg23920251	0.399643	1.26026	1.26026	0.0135753	2.26907	2.26907	0.501713	0.832833	-1.20072	0.582918	0.861758	-1.16042	6.64383	7.5732	1.01323	1
cg09236323	0.0348427	0.568015	-1.76052	0.209341	1.35567	1.35567	0.0631523	0.618396	-1.61709	0.00688201	0.447249	-2.23589	6.61125	5.5375	0.744523	1
cg04169243	0.123899	0.734582	-1.36132	0.0843325	1.424	1.424	0.092834	0.710129	-1.40819	0.776585	1.05408	1.05408	5.86042	3.1805	0.482408	1
cg11083848	0.0230419	0.317167	-3.15292	0.138863	0.510149	-1.96021	0.870589	1.07131	1.07131	0.0133409	0.273885	-3.65116	5.46048	15.4356	2.5127	1
cg07123022	0.0441034	0.570892	-1.75165	0.394736	0.80957	-1.23522	0.00256512	2.75511	2.75511	0.441532	0.826798	-1.20948	5.00161	4.65263	0.826867	1
cg10395252	0.22662	0.471122	-2.12259	0.569813	1.40568	1.40568	0.826696	0.878099	-1.13882	0.476744	0.651202	-1.53562	3.72175	20.7175	4.9481	1
cg14850604	0.0472419	0.426491	-2.34472	0.481557	0.764513	-1.30802	0.504313	1.2896	1.2896	0.0581466	0.447647	-2.2339	3.64212	8.12701	1.98346	1
cg25116370	0.84492	1.05873	1.05873	0.000282638	0.177425	-5.63617	0.800762	0.928954	-1.07648	0.727587	0.903104	-1.10729	6.69698	9.00868	1.19572	1
cg18945861	0.513496	1.35081	1.35081	0.208374	0.547781	-1.82555	0.0785445	0.41201	-2.42713	0.758255	0.869278	-1.15038	3.41112	11.1253	2.8991	1
cg04848925	0.22698	0.900642	-1.11032	0.0434256	0.825624	-1.21121	0.000215112	1.66471	1.66471	0.0535471	1.19828	1.19828	18.0862	1.94966	0.0958204	1
cg10866623	0.110815	1.2809	1.2809	0.00284977	1.79527	1.79527	0.0458049	1.38575	1.38575	0.330156	1.15395	1.15395	11.4383	3.67835	0.285851	1
cg12027420	0.0711708	1.56881	1.56881	0.000101916	0.214879	-4.65377	0.709345	0.919749	-1.08725	0.803848	1.05718	1.05718	7.87679	6.22737	0.702753	1
cg21745595	0.0791533	0.368359	-2.71474	0.00206719	0.10831	-9.23273	0.00152434	0.0964845	-10.3644	0.0404491	0.29741	-3.36236	6.13461	25.5069	3.69588	1
cg08728129	0.496772	0.744292	-1.34356	0.00513814	0.205572	-4.86447	0.193124	0.554624	-1.80302	?	?	?	4.75983	10.7414	2.57905	1
cg08901867	0.184611	0.624156	-1.60216	3.97E-05	0.0719462	-13.8993	0.00054354	0.165204	-6.05313	0.101077	0.548009	-1.82479	13.1127	23.3021	1.57961	1
cg16757248	0.0288297	0.507087	-1.97205	9.97E-06	0.0821877	-12.1673	0.244687	0.725705	-1.37797	0.602638	0.870773	-1.14841	11.9135	13.0955	0.977075	1
cg25069354	0.00914769	0.231027	-4.3285	0.000703754	0.101686	-9.83418	0.00589882	0.203024	-4.92552	0.0139747	0.260919	-3.8326	9.67622	30.0208	2.75781	1
cg24696861	0.438291	0.827864	-1.20793	0.295095	0.771477	-1.29622	0.00143345	0.332359	-3.0088	0.543741	0.863429	-1.15817	8.30376	7.50857	0.803766	1
cg22330492	0.396738	0.745734	-1.34096	?	?	?	0.000259151	0.131084	-7.62868	0.576596	1.21011	1.21011	7.41611	8.94971	1.60906	1
cg25515941	0.685926	0.835978	-1.1962	0.0101934	0.239875	-4.16883	0.00108743	0.119487	-8.3691	0.269409	0.602398	-1.66003	6.74273	20.7379	2.73386	1
cg12654140	0.49253	0.831097	-1.20323	0.0234625	0.487504	-2.05126	0.00894864	0.413727	-2.41705	0.0467534	0.546444	-1.83001	3.67688	4.10283	0.991862	1
cg10172253	0.702164	0.880079	-1.13626	0.844378	1.06752	1.06752	0.848874	0.938543	-1.06548	0.0439229	0.463078	-2.15947	7.6667	13.4223	1.5562	1
cg17237813	0.0356517	2.12525	2.12525	0.0163316	0.404469	-2.47238	0.135818	0.609216	-1.64145	0.00806797	2.84675	2.84675	7.43668	11.1958	1.33821	1
cg08641867	0.147337	1.24593	1.24593	0.0984321	1.29213	1.29213	0.870907	1.02327	1.02327	0.0718778	0.75265	-1.32864	4.40436	1.39499	0.281537	1
cg09131332	0.000305484	0.307852	-3.24831	0.000120154	0.259165	-3.85855	0.60169	0.899615	-1.11159	0.00122442	0.386706	-2.58594	27.1435	17.3459	0.56804	1
cg00117914	0.000352858	0.301734	-3.31418	1.79E-05	0.160534	-6.22923	0.0394924	0.608258	-1.64404	0.00126548	0.374526	-2.67004	24.4105	16.8471	0.613474	1
cg00650410	0.00381033	0.626511	-1.59614	2.09E-06	0.246957	-4.04929	0.0443252	0.758204	-1.31891	0.000474808	0.51808	-1.93021	20.4586	4.65305	0.202167	1
cg18683691	0.447604	0.921046	-1.08572	0.152655	1.17677	1.17677	0.014595	0.726436	-1.37658	0.215237	0.870564	-1.14868	18.6981	3.34379	0.15896	1
cg20792408	0.440372	0.780742	-1.28083	3.15E-05	0.0779738	-12.8248	0.0146674	0.38864	-2.57307	0.00196397	0.252488	-3.96058	16.5819	25.985	1.39295	1
cg05298088	0.0251573	1.62674	1.62674	0.0484128	1.50991	1.50991	3.45E-05	0.231316	-4.3231	0.000217403	0.324002	-3.0864	16.559	8.75598	0.470021	1
cg09881585	0.0417665	0.599857	-1.66707	0.0718447	0.645556	-1.54905	0.00880411	0.483643	-2.06764	0.00016274	0.246302	-4.06006	16.1467	12.1277	0.66764	1
cg25414370	0.633443	0.905729	-1.10408	2.39E-05	0.176163	-5.67657	0.348887	1.21988	1.21988	0.000879988	0.357838	-2.79456	15.6492	10.5272	0.597952	1
cg04240548	0.00108873	0.428192	-2.3354	4.41E-05	0.256045	-3.90556	0.00017326	0.325647	-3.07081	0.00399085	0.506141	-1.97574	15.4411	7.5722	0.435904	1
cg19977691	0.00421258	0.421769	-2.37097	3.05E-05	0.15953	-6.26842	0.703782	0.917545	-1.08986	0.00537425	0.437923	-2.28351	14.6252	11.7542	0.714396	1
cg19535000	0.0103878	0.638124	-1.56709	0.00172268	0.536715	-1.86319	0.581954	0.925525	-1.08047	0.00135642	0.523351	-1.91076	13.7089	4.20658	0.272756	1
cg14837980	0.928872	0.992986	-1.00706	2.95E-05	2.06347	2.06347	0.0255863	1.23973	1.23973	0.218247	0.902227	-1.10837	16.7225	1.61116	0.0749366	1
cg10564826	0.000692677	0.557136	-1.79489	0.44535	1.09188	1.09188	0.409784	0.909155	-1.09992	0.00254801	0.623132	-1.6048	13.0908	2.64645	0.179699	1
cg02843667	0.122745	1.2502	1.2502	0.116899	0.796555	-1.25541	0.0516411	0.743953	-1.34417	0.984726	1.00256	1.00256	9.59797	2.71052	0.251027	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04065108	TTLL8	0.00230665	0.000762899	0.220203	-4.54126	0.00237437	0.284419	-3.51593	0.378835	1.30721	1.30721	0.714372	0.896671	-1.11524	0.00127989	0.248237	-4.02841
cg07031797	TTLL8	0.00280718	0.0434041	0.67047	-1.49149	0.0131434	0.58907	-1.69759	0.0306392	0.645923	-1.54817	0.0115046	0.580415	-1.7229	0.000540261	0.396148	-2.52431
cg17558497	TTLL8	0.00284429	0.579024	0.885983	-1.12869	0.110951	0.687212	-1.45516	0.0122876	0.509874	-1.96127	0.324095	0.802537	-1.24605	0.000339537	0.287355	-3.48002
cg12646067	TTLL8	0.00604616	0.050484	0.526584	-1.89903	0.0081059	0.377042	-2.65223	0.240825	0.702368	-1.42375	0.228923	0.695393	-1.43804	0.000329813	0.188571	-5.30304
cg18067749	TTLL8	0.0067367	0.00141323	0.242121	-4.13017	0.540376	1.20955	1.20955	0.720342	0.895527	-1.11666	0.341662	1.35086	1.35086	0.00499007	0.319629	-3.12862
cg14679444	TTLL8	0.00789601	0.438098	0.788153	-1.26879	0.754821	0.910018	-1.09888	0.00590576	0.338223	-2.95663	0.663711	0.876625	-1.14074	0.000455603	0.189725	-5.27078
cg12404590	TTLL8	0.00919187	0.988897	1.00535	1.00535	0.106394	0.508813	-1.96536	0.0375572	0.396677	-2.52094	0.157085	0.559956	-1.78585	0.0078474	0.270529	-3.69646
cg01244243	TTLL8	0.00974085	0.0955145	0.818978	-1.22103	0.692042	0.957516	-1.04437	0.187467	0.858697	-1.16456	0.144028	1.18668	1.18668	0.646014	0.950818	-1.05173
cg05840541	TTLL8	0.015077	0.305327	1.22704	1.22704	0.0129345	1.81254	1.81254	0.340449	1.20849	1.20849	0.340893	1.20827	1.20827	0.192046	0.766292	-1.30499
cg06709952	TTLL8	0.027495	0.350573	1.33582	1.33582	0.870299	0.951948	-1.05048	0.451433	0.793571	-1.26013	0.278321	1.40455	1.40455	0.00157009	0.254447	-3.93009
cg16904666	TTLL8	0.0286068	0.0263488	0.199407	-5.01486	0.792506	0.850961	-1.17514	0.642495	0.751128	-1.33133	0.820152	0.869878	-1.14959	0.0201922	0.179988	-5.55592
cg01683215	TTLL8	0.0311411	0.030411	3.42562	3.42562	0.0638799	2.74002	2.74002	0.411587	1.50126	1.50126	0.034103	3.30922	3.30922	0.0277668	3.52115	3.52115
cg23116504	TTLL8	0.0341262	0.302748	1.1992	1.1992	0.0129061	1.69089	1.69089	0.470679	1.13301	1.13301	0.365954	0.853798	-1.17124	0.953032	0.990027	-1.01007
cg02193648	TTLL8	0.0358998	0.933981	1.00882	1.00882	0.195886	1.15609	1.15609	0.0204139	1.34494	1.34494	0.97835	0.997126	-1.00288	0.00824135	1.43098	1.43098
cg02879960	TTLL8	0.0422398	0.0168449	0.285291	-3.50519	0.0046238	0.197768	-5.05643	0.409535	0.695754	-1.43729	0.712674	0.852923	-1.17244	0.0202384	0.299931	-3.3341
cg09520414	TTLL8	0.0481514	0.200505	0.509243	-1.9637	0.00157721	0.103837	-9.6305	0.369006	0.630988	-1.58482	0.940368	0.96335	-1.03804	0.0874812	0.390039	-2.56384
cg00338377	TTLL9	0.00106377	0.00105698	0.540996	-1.84844	0.0870824	0.786893	-1.27082	0.00307787	0.598118	-1.67191	0.255755	0.860284	-1.16241	0.00248767	0.586698	-1.70445
cg15570432	TTLL9	0.00495149	0.00347461	0.279598	-3.57657	0.00514706	0.305087	-3.27775	0.209349	0.653679	-1.5298	0.0250679	0.424721	-2.35448	0.000686239	0.189015	-5.29059
cg25517151	TTLL9	0.0190899	0.902123	1.01104	1.01104	0.0228276	0.784124	-1.27531	0.0671935	1.20098	1.20098	?	?	?	0.00956843	0.746083	-1.34033
cg03061612	TTLL9	0.0298311	0.137589	0.712474	-1.40356	0.0544467	0.629625	-1.58825	0.0141705	0.526414	-1.89965	0.977488	1.006	1.006	0.00209615	0.399494	-2.50317
cg25280526	TTLL9	0.0393797	0.00787895	0.353447	-2.82928	0.249344	0.692589	-1.44386	0.116258	0.594074	-1.68329	0.0189222	0.420134	-2.38019	0.29902	0.720079	-1.38874
cg27296071	TTLL9;DUSP15;DUSP15;DUSP15;TTLL9	0.033678	0.553516	0.882919	-1.13261	0.546034	0.880791	-1.13534	0.0540739	1.57499	1.57499	0.0662745	0.651832	-1.53414	0.806581	0.950313	-1.05228
cg19906284	TTN;TTN;TTN;MIR548N;TTN	3.19E-05	0.671292	1.05895	1.05895	0.0207513	0.688257	-1.45295	0.12739	0.801545	-1.24759	0.0859568	0.775205	-1.28998	2.48E-05	0.324703	-3.07974
cg10939966	TTN;TTN;TTN;MIR548N;TTN	4.52E-05	0.262357	1.28657	1.28657	0.364689	0.818051	-1.22242	0.00929484	2.03709	2.03709	0.00274123	0.410091	-2.43848	6.33E-05	0.204431	-4.89163
cg08844993	TTN;TTN;TTN;MIR548N;TTN	0.000125032	0.755535	1.06579	1.06579	6.21E-05	0.221781	-4.50895	0.56755	0.888795	-1.12512	0.686531	1.0863	1.0863	2.52E-05	0.181435	-5.51161
cg09915519	TTN;TTN;TTN;MIR548N;TTN	0.000131189	0.553018	1.09868	1.09868	0.834086	1.03344	1.03344	0.58217	0.91655	-1.09105	0.804748	1.0396	1.0396	0.058289	1.3987	1.3987
cg08691235	TTN;TTN;TTN;MIR548N;TTN	0.000135004	0.53813	0.934298	-1.07032	0.736847	1.03745	1.03745	0.0317563	1.3158	1.3158	0.0114147	0.708096	-1.41224	0.224593	0.870165	-1.14921
cg08736813	TTN;TTN;TTN;MIR548N;TTN	0.000213173	0.170347	0.753371	-1.32737	0.0621842	0.665513	-1.5026	0.724244	1.07111	1.07111	0.0082597	0.519399	-1.9253	2.72E-05	0.200754	-4.98122
cg15609237	TTN;TTN;TTN;MIR548N;TTN	0.000308184	0.0260676	1.56063	1.56063	0.0254786	1.5644	1.5644	0.0093657	0.57385	-1.74262	0.019149	0.620132	-1.61256	0.652955	0.926545	-1.07928
cg16214269	TTN;TTN;TTN;MIR548N;TTN	0.000330295	0.00125769	0.542573	-1.84307	0.0127833	1.49415	1.49415	0.366413	1.12803	1.12803	0.809463	0.969124	-1.03186	0.634938	0.93979	-1.06407
cg09777256	TTN;TTN;TTN;MIR548N;TTN	0.00120592	0.225309	0.753399	-1.32732	0.484161	0.853772	-1.17127	0.0119323	0.497776	-2.00894	0.384295	0.820081	-1.21939	0.00655275	0.455986	-2.19305
cg10087519	TTN;TTN;TTN;MIR548N;TTN	0.00220233	0.259437	0.757242	-1.32058	0.136516	1.46104	1.46104	0.939227	1.01819	1.01819	0.379224	1.23766	1.23766	0.369191	0.804134	-1.24357
cg04321497	TTN;TTN;TTN;MIR548N;TTN	0.00399978	0.703302	1.05194	1.05194	0.0010176	0.524804	-1.90547	0.271216	0.859364	-1.16365	0.599245	1.07268	1.07268	0.233616	1.17967	1.17967
cg10038720	TTN;TTN;TTN;MIR548N;TTN	0.00479853	0.130291	0.624905	-1.60024	0.0266506	0.469647	-2.12926	0.00314854	0.313125	-3.19361	0.400113	1.28123	1.28123	0.643327	1.14358	1.14358
cg18977423	TTN;TTN;TTN;MIR548N;TTN	0.00945438	0.686528	0.90722	-1.10227	0.0367234	0.55854	-1.79038	0.566812	1.14906	1.14906	0.116371	0.663979	-1.50607	0.339265	1.26667	1.26667
cg13313833	TTN;TTN;TTN;MIR548N;TTN	0.0451591	0.723553	0.922677	-1.0838	0.0582486	1.62413	1.62413	0.200434	0.736055	-1.35859	0.337195	1.25133	1.25133	0.116655	1.4715	1.4715
cg27622325	TTN;TTN;TTN;TTN	1.48E-05	0.0670694	0.678433	-1.47398	4.82E-06	0.138684	-7.21065	0.00832555	0.528627	-1.89169	0.0222516	0.595751	-1.67855	0.00393444	0.480303	-2.08202
cg20701897	TTN;TTN;TTN;TTN	0.00432247	0.00242524	0.576639	-1.73419	0.180428	0.830719	-1.20378	0.437842	0.901952	-1.10871	0.000201637	0.443442	-2.25509	0.912919	1.01437	1.01437
cg07532576	TTN;TTN;TTN;TTN	0.0230317	0.0092464	0.163947	-6.09952	0.053022	0.300153	-3.33164	0.081543	0.347593	-2.87693	0.0895191	0.358904	-2.78626	0.00805207	0.155972	-6.41139
cg15133917	TTN;TTN;TTN;TTN;TTN	0.00549359	0.0972296	0.508783	-1.96547	0.0307065	0.3897	-2.56608	0.133614	0.548436	-1.82337	0.267744	0.651405	-1.53514	0.000204505	0.0992022	-10.0804
cg21825734	TTN;TTN;TTN;TTN;TTN	0.0245974	0.866746	0.974847	-1.0258	0.273987	1.18848	1.18848	0.158537	0.795617	-1.25689	0.0592953	0.723989	-1.38124	0.328259	0.858067	-1.16541
cg05185019	TTN;TTN;TTN;TTN;TTN;TTN;TTN;TTN;TTN;TTN	0.00466584	0.00820231	0.373614	-2.67656	0.0261607	0.463941	-2.15545	0.0101457	0.389108	-2.56998	0.00650671	0.357223	-2.79937	0.000623497	0.216126	-4.62692
cg14826792	TTPA	0.00655111	0.759274	0.963698	-1.03767	0.170112	1.19218	1.19218	0.546102	0.929143	-1.07626	0.0113629	0.683002	-1.46413	0.000592283	0.528243	-1.89307
cg21461564	TTPA	0.015733	0.0226359	1.53187	1.53187	0.075896	1.36164	1.36164	0.00177938	2.00398	2.00398	0.005654	1.76369	1.76369	0.260835	1.20112	1.20112
cg07362969	TTPA	0.0339073	0.129268	1.55574	1.55574	0.0754467	1.70508	1.70508	0.0405163	1.89239	1.89239	0.555303	1.17452	1.17452	0.570052	0.856616	-1.16738
cg27507591	TTPA	0.038242	0.042712	0.599409	-1.66831	0.07702	1.53936	1.53936	0.312487	0.795159	-1.25761	0.0868223	0.660395	-1.51425	0.288071	0.785077	-1.27376
cg13806106	TTPA	0.0420921	0.0305426	0.680709	-1.46906	0.0464576	0.708124	-1.41218	0.650652	0.933336	-1.07143	0.409876	0.880258	-1.13603	0.293132	0.847863	-1.17944
cg10120040	TTPAL;TTPAL	6.12E-07	0.358308	1.11521	1.11521	8.80E-07	0.221324	-4.51827	2.50E-05	0.380288	-2.62959	1.27E-06	0.23759	-4.20892	0.034529	0.75234	-1.32919
cg06412323	TTPAL;TTPAL	0.0109509	0.0137756	0.319936	-3.12562	0.104483	1.94299	1.94299	0.609384	1.21274	1.21274	0.124669	0.536764	-1.86302	0.0012967	0.173089	-5.77736
cg02530321	TTPAL;TTPAL	0.0163115	0.016399	0.321175	-3.11357	0.7697	0.892552	-1.12038	0.281746	0.648468	-1.5421	0.171698	0.569279	-1.75661	0.00310267	0.208741	-4.79062
cg17361449	TTPAL;TTPAL	0.0231667	0.122753	1.34158	1.34158	0.381833	1.17071	1.17071	0.574455	1.10483	1.10483	0.309322	1.20307	1.20307	0.819109	0.960547	-1.04107
cg01997182	TTPAL;TTPAL	0.0253976	0.00257114	0.81479	-1.22731	0.727358	1.0173	1.0173	0.0704653	1.10414	1.10414	0.0634689	0.902798	-1.10767	0.0473881	1.11756	1.11756
cg08386450	TTPAL;TTPAL;TTPAL;TTPAL	0.0259206	0.266325	1.12323	1.12323	0.00998738	1.38594	1.38594	0.681559	0.959449	-1.04226	0.0921937	0.830298	-1.20439	0.0214145	0.757795	-1.31962
cg18038361	TTR	0.00679164	0.60599	0.920677	-1.08616	0.00369502	0.536236	-1.86485	0.0377996	0.682076	-1.46611	0.973596	1.00527	1.00527	0.837908	0.967988	-1.03307
cg08521225	TTR	0.0200323	0.796619	0.951759	-1.05069	0.958061	0.989983	-1.01012	0.925175	1.01815	1.01815	0.63988	0.913738	-1.09441	0.00648639	0.507924	-1.9688
cg14628914	TTRAP	0.0114577	0.00250814	0.332302	-3.00931	0.817379	0.941101	-1.06258	0.080127	0.600775	-1.66452	0.0580041	0.569855	-1.75483	0.00313293	0.346428	-2.8866
cg14077144	TTRAP	0.0120893	0.281985	0.664406	-1.5051	0.204356	0.612744	-1.632	0.0157266	0.338768	-2.95188	0.359993	1.4108	1.4108	0.0701151	0.476892	-2.09691
cg02522936	TTTY10	0.00659179	0.11507	5.25156	5.25156	0.187047	3.87157	3.87157	0.637964	0.632059	-1.58213	0.000451166	0.00473195	-211.329	0.0444189	0.107036	-9.34262
cg11021362	TTTY13	0.0431983	0.635431	0.656711	-1.52274	0.392504	2.17276	2.17276	0.275744	2.74567	2.74567	0.00181895	0.0114464	-87.3638	?	?	?
cg11684211	TTTY14	0.00257337	0.000175958	0.0675196	-14.8105	0.334343	0.708576	-1.41128	0.0315371	0.400085	-2.49947	?	?	?	0.0907563	1.9363	1.9363
cg05378695	TTTY8;TTTY8B	0.0401908	0.537456	1.98801	1.98801	?	?	?	0.368688	2.77673	2.77673	0.00482494	0.0103471	-96.6458	0.0180215	0.0337314	-29.646
cg22206370	TTYH1;TTYH1	0.000111849	0.00714198	0.466616	-2.14309	8.51E-05	0.212405	-4.70799	0.000456054	0.297764	-3.35836	0.0342003	1.71973	1.71973	2.15E-05	0.153333	-6.52176
cg00813890	TTYH1;TTYH1	0.0028242	0.0079996	0.474178	-2.10891	0.0473867	1.64541	1.64541	0.0341146	1.72088	1.72088	0.789119	1.06062	1.06062	0.536454	0.871598	-1.14732
cg06599908	TTYH1;TTYH1	0.00293859	0.124086	1.53009	1.53009	0.638858	0.88628	-1.12831	0.00243208	2.93824	2.93824	0.00271096	2.88031	2.88031	0.0348654	1.87396	1.87396
cg24687102	TTYH1;TTYH1	0.0065141	0.200824	1.40072	1.40072	0.0202005	2.01101	2.01101	0.0197746	2.01777	2.01777	0.000964076	3.40703	3.40703	0.0218652	0.503498	-1.98611
cg09474331	TTYH1;TTYH1	0.0167751	0.11006	1.75029	1.75029	0.400482	1.31865	1.31865	0.48929	1.25327	1.25327	0.136768	0.597394	-1.67394	0.30385	0.710157	-1.40814
cg10187559	TTYH1;TTYH1	0.0238831	0.60659	0.843159	-1.18602	0.00269492	0.256195	-3.90328	0.00529831	0.299078	-3.34361	0.72411	0.890122	-1.12344	0.239178	0.66708	-1.49907
cg15241920	TTYH1;TTYH1	0.0365353	0.0275255	0.432328	-2.31306	0.0283949	0.435042	-2.29863	0.951871	1.01961	1.01961	0.269009	0.690494	-1.44824	0.00834258	0.338061	-2.95805
cg15972301	TTYH1;TTYH1	0.0408923	0.102628	1.5883	1.5883	0.00595964	2.53814	2.53814	0.0153597	2.16129	2.16129	0.0509395	1.77893	1.77893	0.317091	1.30724	1.30724
cg23695687	TTYH1;TTYH1	0.0473929	0.621192	0.860153	-1.16258	0.887416	0.958064	-1.04377	0.699208	0.88921	-1.12459	0.0594316	0.525458	-1.9031	0.201702	0.665161	-1.50339
cg02186277	TTYH2;MGC16275	0.0141112	0.00282888	0.238768	-4.18817	0.100636	0.534498	-1.87091	0.743169	0.891784	-1.12135	0.220263	1.56667	1.56667	0.819169	0.923333	-1.08303
cg23632849	TTYH2;MGC16275	0.0450049	0.0533487	0.426656	-2.34381	0.396453	1.40074	1.40074	0.60504	1.22442	1.22442	0.132268	1.8784	1.8784	0.458722	1.34018	1.34018
cg19433487	TTYH2;TTYH2	0.00133256	0.000407457	0.282828	-3.53572	0.803664	1.05761	1.05761	0.0161611	0.516005	-1.93797	0.905221	1.02714	1.02714	0.340166	0.801693	-1.24736
cg23740610	TTYH2;TTYH2	0.0474736	0.00996241	0.274589	-3.6418	0.0928418	0.479827	-2.08408	0.502905	0.763382	-1.30996	0.3745	1.43619	1.43619	0.0184499	0.321378	-3.1116
cg01993847	TTYH2;TTYH2;TTYH2	0.0126315	0.958576	0.990838	-1.00925	0.00469845	1.94599	1.94599	0.00897255	0.554956	-1.80194	0.390049	1.16891	1.16891	0.0653558	1.44276	1.44276
cg23460124	TTYH2;TTYH2;TTYH2	0.0396131	0.413542	0.726268	-1.3769	0.0851278	0.482708	-2.07165	0.00525586	0.24457	-4.08881	0.437169	1.35427	1.35427	0.107334	0.510441	-1.95909
cg21257581	TTYH3	0.000419064	0.000699189	3.87699	3.87699	0.000260585	4.82607	4.82607	0.00689271	2.50131	2.50131	0.00980694	2.35314	2.35314	0.093722	0.616859	-1.62112
ch.7.135065R	TTYH3	0.00143752	0.000116747	0.139814	-7.15236	0.00421803	0.327336	-3.05496	0.0175608	0.430721	-2.32169	0.00501991	0.338941	-2.95037	0.0548078	0.530015	-1.88674
cg00145404	TTYH3	0.00249995	0.0771509	1.56238	1.56238	0.0331577	1.76027	1.76027	0.00335469	2.47493	2.47493	0.00974123	2.10083	2.10083	0.0115567	0.488179	-2.04843
cg19339021	TTYH3	0.0036942	0.629289	0.852652	-1.17281	0.00296158	3.80675	3.80675	0.0237598	2.42162	2.42162	0.931604	0.972261	-1.02853	0.000325983	0.149045	-6.7094
cg22788953	TTYH3	0.00706502	0.0129121	3.56822	3.56822	0.0197868	3.18943	3.18943	0.00422043	4.8499	4.8499	0.00765608	4.10756	4.10756	0.551797	0.780264	-1.28162
cg13676996	TTYH3	0.0240108	0.744185	1.07132	1.07132	0.365624	0.821782	-1.21687	0.761197	0.937885	-1.06623	0.416132	1.19167	1.19167	0.0200904	0.544606	-1.83619
cg00798876	TTYH3	0.0281991	0.0153096	0.379274	-2.63662	0.95526	0.981896	-1.01844	0.186781	0.633996	-1.5773	0.0939018	0.548901	-1.82182	0.00963478	0.344048	-2.90657
cg19506025	TTYH3	0.0295816	0.603077	0.925584	-1.0804	0.0359475	0.697896	-1.43288	0.141026	1.26285	1.26285	0.780383	1.04206	1.04206	0.0813993	0.75221	-1.32942
cg03633004	TTYH3	0.0311247	0.52676	0.910823	-1.09791	0.806066	0.96481	-1.03647	0.0348261	1.43082	1.43082	0.353741	1.14908	1.14908	0.88574	0.979277	-1.02116
cg03041617	TTYH3	0.0329197	0.0167456	0.298526	-3.34979	0.129637	0.507699	-1.96967	0.316406	0.651274	-1.53545	0.547196	1.28685	1.28685	0.0150079	0.290011	-3.44815
cg04260633	TTYH3	0.03532	0.0960527	0.522067	-1.91546	0.0145515	2.91613	2.91613	0.401912	0.737069	-1.35672	0.0447403	0.440718	-2.26902	0.0188606	0.363667	-2.74977
cg02393470	TTYH3	0.0373092	0.096347	0.76794	-1.30218	0.0407895	1.40708	1.40708	0.47044	1.11203	1.11203	0.0965523	1.30193	1.30193	0.010591	1.59186	1.59186
cg26053068	TTYH3	0.0426905	0.728117	1.06213	1.06213	0.00266813	0.488028	-2.04906	0.31091	0.834368	-1.19851	0.356941	1.17779	1.17779	0.253133	1.22893	1.22893
cg09088050	TUB	0.00197227	0.00121639	0.400053	-2.49967	0.0448807	0.64054	-1.56118	0.0267852	0.601905	-1.66139	0.00437997	0.478874	-2.08823	0.0010877	0.393446	-2.54165
cg14266722	TUB	0.00956593	0.00502227	0.41651	-2.4009	0.0232383	0.527215	-1.89676	0.177794	0.713247	-1.40204	0.423475	1.21278	1.21278	0.00107556	0.319923	-3.12575
cg14064503	TUB	0.0120704	0.476852	0.810549	-1.23373	0.0111687	0.397131	-2.51806	0.00460737	0.334562	-2.98898	0.326926	1.34163	1.34163	0.189787	0.668118	-1.49674
cg25044765	TUB	0.0228167	0.218795	1.29413	1.29413	0.000548052	2.91608	2.91608	0.119348	1.40066	1.40066	0.411569	1.18221	1.18221	0.639795	1.09852	1.09852
cg03096347	TUB	0.0239116	0.101395	0.557685	-1.79313	0.352681	1.3653	1.3653	0.520424	1.23628	1.23628	0.219021	0.656474	-1.52329	0.00403957	0.284454	-3.5155
cg13982695	TUB	0.0255456	0.183085	0.723112	-1.38291	0.0966726	0.658023	-1.5197	0.0343999	0.567647	-1.76166	0.415387	1.21051	1.21051	0.0305167	0.558003	-1.79211
cg26037848	TUB	0.0303684	0.211435	0.831416	-1.20277	0.625853	0.933411	-1.07134	0.191732	1.21387	1.21387	0.725604	0.951784	-1.05066	0.0155946	0.659772	-1.51568
cg17090237	TUB;TUB	3.03E-05	0.00021907	0.523443	-1.91043	1.36E-06	0.273256	-3.65957	0.154765	0.852134	-1.17352	0.0412041	1.28077	1.28077	6.93E-05	0.465903	-2.14637
cg19218505	TUB;TUB	0.00836542	0.394256	1.15146	1.15146	0.00591613	1.78942	1.78942	0.466692	1.12717	1.12717	0.403357	0.870921	-1.14821	0.00719278	0.570796	-1.75194
cg05492113	TUB;TUB	0.00915813	0.0158277	0.571764	-1.74897	0.00104344	0.399381	-2.50388	0.489015	0.875529	-1.14217	0.0587913	1.49732	1.49732	0.031933	0.621622	-1.6087
cg02629281	TUB;TUB	0.0305076	0.867253	0.966747	-1.0344	0.453635	1.16686	1.16686	0.00436684	2.15911	2.15911	0.282146	0.797768	-1.2535	0.00944398	0.514274	-1.94449
cg20559189	TUB;TUB	0.0350014	0.989075	0.996499	-1.00351	0.00806534	2.38483	2.38483	0.320138	1.30097	1.30097	0.298645	1.31773	1.31773	0.00424914	0.375311	-2.66445
cg27126225	TUB;TUB	0.0426724	0.0418688	1.39641	1.39641	0.010421	1.58279	1.58279	0.792606	0.963179	-1.03823	0.0208281	1.48593	1.48593	0.445808	1.117	1.117
cg05003666	TUB;TUB	0.0426793	0.660963	1.06856	1.06856	0.00700766	0.592224	-1.68855	0.349686	0.865339	-1.15562	0.26298	0.839175	-1.19165	0.02032	0.656865	-1.52238
cg01890845	TUB;TUB	0.0459736	0.830548	1.07658	1.07658	0.00877317	3.15586	3.15586	0.0114035	2.97517	2.97517	0.178332	1.63618	1.63618	0.925193	1.03286	1.03286
cg18220042	TUBA1A	0.0056527	0.21926	0.828097	-1.20759	0.102035	1.2986	1.2986	0.0670917	1.34937	1.34937	0.770473	1.04364	1.04364	0.000866463	0.481997	-2.0747
cg11739541	TUBA1A;TUBA1A	0.00254781	0.000862095	0.184236	-5.42782	0.682345	0.870108	-1.14928	0.754489	0.899359	-1.1119	0.318141	1.41749	1.41749	0.244717	0.662678	-1.50903
cg00973724	TUBA1B	0.000329517	0.00122176	0.75792	-1.3194	0.000259559	1.42192	1.42192	0.219183	1.07864	1.07864	0.878585	1.009	1.009	0.205994	1.08129	1.08129
cg23702657	TUBA1B	0.0343333	0.381278	0.615534	-1.62461	0.0963044	2.68256	2.68256	0.101468	2.63523	2.63523	0.101207	0.379141	-2.63754	0.253554	0.52501	-1.90473
cg16975985	TUBA1B	0.0387775	0.280067	0.879545	-1.13695	0.0858247	1.24235	1.24235	0.373007	0.900741	-1.1102	0.144238	1.19638	1.19638	0.0437099	1.30346	1.30346
cg19426128	TUBA1C	0.00142095	0.90621	1.01966	1.01966	0.00705072	0.562515	-1.77773	0.00561627	0.548489	-1.82319	0.00469946	1.86013	1.86013	0.0915018	1.35931	1.35931
cg16881676	TUBA1C	0.0407267	0.511705	0.773391	-1.29301	0.962275	0.981903	-1.01843	0.0840985	0.478098	-2.09162	0.340551	0.684387	-1.46116	0.00494631	0.237617	-4.20846
cg19925741	TUBA3C	0.00191765	0.0174765	0.665203	-1.5033	0.928286	1.01277	1.01277	0.00793007	0.618912	-1.61574	0.0818333	0.762049	-1.31225	0.155752	0.807323	-1.23866
cg20011604	TUBA3C	0.00236968	0.040256	0.577101	-1.7328	0.227578	0.745392	-1.34158	0.0192112	0.518313	-1.92934	0.00167642	0.352659	-2.8356	0.0537885	0.601706	-1.66194
cg27040976	TUBA3C	0.00401908	0.0104635	0.136206	-7.34182	0.00126667	0.0544783	-18.3559	0.0138037	0.152169	-6.57164	0.657686	1.31769	1.31769	0.45233	0.622723	-1.60585
cg06437862	TUBA3C	0.00450928	0.001828	0.228478	-4.37678	0.241268	0.664361	-1.50521	0.046711	0.468052	-2.13652	0.434854	0.766732	-1.30424	0.0413985	2.19059	2.19059
cg24729352	TUBA3C	0.00601623	0.00475837	0.247305	-4.0436	0.00484478	0.248443	-4.02507	0.0501457	0.435014	-2.29878	0.124429	1.85901	1.85901	0.261965	0.646634	-1.54647
cg13162960	TUBA3C	0.00946134	0.00249727	0.220258	-4.54013	0.00322057	0.235114	-4.25326	0.247864	0.647212	-1.54509	0.420237	1.34523	1.34523	0.61567	1.19995	1.19995
cg08756887	TUBA3C	0.00971466	0.00167853	0.0934987	-10.6953	0.00447225	0.135319	-7.38997	0.34292	0.597201	-1.67448	0.336438	0.592801	-1.68691	0.363463	0.610945	-1.63681
cg05006718	TUBA3C	0.0315195	0.00982878	0.126758	-7.88904	0.0248143	0.184361	-5.42414	0.208049	0.431664	-2.31662	0.311322	0.515325	-1.94052	0.0749424	0.285002	-3.50875
cg21727907	TUBA3C	0.0350772	0.0318859	0.198414	-5.03997	0.0156677	0.148777	-6.72146	0.0226933	0.173018	-5.77974	0.61463	0.721436	-1.38612	0.356051	1.84146	1.84146
cg22274414	TUBA3C	0.0396336	0.0193352	0.244867	-4.08385	0.221724	0.527897	-1.89431	0.281707	0.573224	-1.74452	0.871837	1.08362	1.08362	0.0177928	4.1923	4.1923
cg04131456	TUBA3C;TUBA3C	0.000681632	0.529898	0.844659	-1.18391	0.0268293	2.00526	2.00526	0.687901	1.11308	1.11308	0.169612	0.678315	-1.47424	0.370862	1.27606	1.27606
cg22675150	TUBA3C;TUBA3C	0.00294775	0.201586	0.740751	-1.34998	0.12334	0.689741	-1.44982	0.000341422	0.277033	-3.60968	0.609054	1.12163	1.12163	0.634267	1.11254	1.11254
cg04346410	TUBA3D	0.00127472	0.00162441	0.573769	-1.74286	0.0170973	0.699385	-1.42983	0.00188035	0.581479	-1.71975	0.0749227	0.783501	-1.27632	0.0229072	0.71548	-1.39766
cg14067716	TUBA3D	0.0230746	0.065654	0.802787	-1.24566	0.207623	0.868235	-1.15176	0.264179	0.883594	-1.13174	0.492872	0.92862	-1.07687	0.0364364	1.29508	1.29508
cg00455892	TUBA3D	0.0269537	0.147929	0.755878	-1.32296	0.0289508	0.628586	-1.59087	0.00707231	0.533882	-1.87307	0.257459	0.808093	-1.23748	0.110798	0.731054	-1.36789
cg16864938	TUBA3D	0.0323823	0.674611	0.903293	-1.10706	0.0326504	0.547612	-1.82611	0.0109607	0.463486	-2.15756	0.43253	0.824534	-1.21281	0.752097	0.926509	-1.07932
cg25828381	TUBA3D;TUBA3D	0.00281545	0.364373	0.861845	-1.1603	0.135067	1.293	1.293	0.000109981	0.337587	-2.9622	0.505378	0.897804	-1.11383	0.00588497	1.77692	1.77692
cg22141780	TUBA3D;TUBA3D	0.00419372	0.0583341	0.603499	-1.657	0.797769	1.06249	1.06249	0.444216	1.20217	1.20217	0.105697	1.5177	1.5177	0.000117984	0.203722	-4.90865
cg06900650	TUBA3E	0.00426283	0.726778	0.890354	-1.12315	5.43E-05	0.0828724	-12.0667	0.158122	0.606797	-1.648	0.720454	1.12633	1.12633	0.41135	1.32063	1.32063
cg02368177	TUBA3E	0.00486546	0.232733	1.19101	1.19101	0.127329	1.25901	1.25901	0.146722	0.804464	-1.24306	0.821028	1.03216	1.03216	0.182368	0.820616	-1.2186
cg03599600	TUBA3E	0.0212689	0.0233166	0.350872	-2.85004	0.00314832	0.210274	-4.7557	0.0338839	0.38404	-2.60389	0.0878058	0.482873	-2.07094	0.0110909	0.292143	-3.42298
cg21493212	TUBA3E	0.0364244	0.540491	0.895733	-1.1164	0.894594	1.02384	1.02384	0.305456	1.20752	1.20752	0.881008	0.973733	-1.02698	0.897371	0.977329	-1.0232
cg13859833	TUBA3E;TUBA3E	0.0261151	0.710686	0.855775	-1.16853	0.00784883	0.240259	-4.16217	0.195184	0.563982	-1.77311	0.0305121	2.89412	2.89412	0.295756	0.635578	-1.57337
cg05001691	TUBA4A	0.000103741	0.888527	1.02492	1.02492	0.0302368	1.56375	1.56375	0.161889	0.769445	-1.29964	0.532221	1.11741	1.11741	0.000175176	0.32725	-3.05577
cg26202886	TUBA4A	0.0116866	0.305985	1.35589	1.35589	0.0263616	2.13085	2.13085	0.0235684	2.1743	2.1743	0.933948	1.0241	1.0241	0.672614	1.12986	1.12986
cg17920653	TUBA4A	0.0296126	0.0136124	0.336088	-2.97541	0.199355	0.616074	-1.62318	0.30446	0.683932	-1.46213	0.421718	0.745886	-1.34069	0.00462755	0.260318	-3.84146
cg23369371	TUBA4A;TUBA4A;TUBA4B	0.00457318	0.137862	0.673525	-1.48473	0.171334	1.4337	1.4337	0.000212772	4.62062	4.62062	0.0484456	1.74668	1.74668	0.135659	0.6718	-1.48854
cg00476358	TUBA4A;TUBA4B	0.0226044	0.89763	1.02285	1.02285	0.228752	1.24818	1.24818	0.535928	1.11629	1.11629	0.900373	1.02222	1.02222	0.357706	1.18057	1.18057
cg09612946	TUBA4B	0.0340996	0.159158	0.472679	-2.1156	0.00331662	0.136483	-7.32693	0.0248939	0.264625	-3.77893	0.335657	0.609923	-1.63955	0.071789	0.367493	-2.72114

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04065108	0.0552468	0.524773	-1.90559	0.00221406	0.280175	-3.5692	0.00685472	0.35382	-2.82629	0.0684823	0.545989	-1.83154	9.24816	12.8952	1.23942	1
cg07031797	0.313852	0.835882	-1.19634	0.0962517	1.36934	1.36934	0.00795944	0.556814	-1.79593	0.00139138	0.450556	-2.21948	8.72836	4.09446	0.416977	1
cg17558497	0.0997502	0.677288	-1.47648	0.024178	0.559565	-1.7871	0.61556	1.11557	1.11557	0.000282791	0.277608	-3.6022	8.69448	6.42496	0.656862	1
cg12646067	0.674686	0.88563	-1.12914	0.366548	1.30591	1.30591	0.0534252	0.531939	-1.87992	0.00429653	0.333304	-3.00027	6.92276	9.07618	1.16539	1
cg18067749	0.0105703	0.372645	-2.68352	0.165545	0.635109	-1.57453	0.176266	1.55473	1.55473	0.0120131	0.382261	-2.61601	6.69457	9.98925	1.32635	1
cg14679444	0.0345154	0.476136	-2.10024	0.329189	0.738522	-1.35406	0.424639	0.782378	-1.27815	0.00309057	0.295622	-3.3827	6.37031	9.14021	1.27539	1
cg12404590	0.974734	0.987937	-1.01221	0.000572535	0.129572	-7.7177	0.00669766	0.259812	-3.84894	0.0430533	0.409791	-2.44027	6.07156	14.1216	2.06743	1
cg01244243	0.0121003	1.40655	1.40655	0.0035432	1.53885	1.53885	0.00765263	0.688082	-1.45331	0.765787	0.967948	-1.03311	5.96041	1.12257	0.167411	1
cg05840541	0.00500013	2.04631	2.04631	0.00742685	0.514442	-1.94385	0.98931	0.997421	-1.00259	0.596724	0.902188	-1.10842	5.17194	3.04364	0.523103	1
cg06709952	0.0878621	0.566833	-1.76419	0.0261877	0.451617	-2.21426	0.343308	1.34206	1.34206	0.673256	0.880016	-1.13634	4.21469	6.06218	1.27853	1
cg16904666	0.200699	0.437208	-2.28724	0.00149419	0.0606291	-16.4937	0.359334	0.561607	-1.7806	0.027212	0.201886	-4.95328	4.15624	24.6678	5.27567	1
cg01683215	0.403533	1.51236	1.51236	0.00319842	7.01245	7.01245	0.267798	0.571993	-1.74827	0.422433	1.48669	1.48669	4.03289	14.9586	3.29702	1
cg23116504	0.102229	0.737618	-1.35572	0.19668	1.26148	1.26148	0.0815535	0.720003	-1.38888	0.01496	0.601021	-1.66384	3.90262	1.78978	0.407653	1
cg02193648	0.0156342	1.36931	1.36931	0.443434	1.0864	1.0864	0.0779835	0.812456	-1.23084	0.598336	1.058	1.058	3.83171	0.6825	0.158328	1
cg02879960	0.385163	1.46658	1.46658	0.680238	0.836743	-1.19511	0.535591	0.763519	-1.30973	0.0782021	0.431035	-2.32	3.60969	10.5752	2.60415	1
cg09520414	0.0593993	0.34574	-2.89235	0.0615277	0.349537	-2.86093	0.465029	0.689983	-1.44931	0.858913	1.09286	1.09286	3.43688	13.558	3.50653	1
cg00338377	0.0668587	1.29772	1.29772	0.000777872	1.90587	1.90587	0.893311	0.983123	-1.01717	0.971561	1.00453	1.00453	11.5619	2.9464	0.226523	1
cg15570432	0.0111909	0.360095	-2.77704	0.00461903	0.297917	-3.35664	0.933582	0.973575	-1.02714	0.12077	0.582381	-1.71709	7.36046	12.0343	1.45333	1
cg25517151	0.814918	1.02116	1.02116	0.00754756	0.735737	-1.35918	0.233262	0.894421	-1.11804	0.498579	1.06325	1.06325	4.86689	0.546098	0.112207	1
cg03061612	0.291763	0.793014	-1.26101	0.0165324	0.537523	-1.86039	0.134085	0.709972	-1.40851	0.473983	0.856943	-1.16694	4.09503	2.91507	0.632761	1
cg25280526	0.313298	1.37462	1.37462	0.245263	1.44888	1.44888	0.831274	1.06726	1.06726	0.0331728	0.467809	-2.13762	3.70438	5.46082	1.31036	1
cg27296071	0.807132	0.950454	-1.05213	0.00233736	0.413657	-2.41746	0.0528031	0.63298	-1.57983	0.635504	1.10429	1.10429	3.92126	2.68062	0.607655	1
cg19906284	0.191531	1.20388	1.20388	0.000139844	2.41709	2.41709	0.035579	1.3886	1.3886	5.94E-06	0.255617	-3.9121	29.9693	8.5469	0.253501	1
cg10939966	0.453411	1.17901	1.17901	0.000103586	0.227531	-4.395	0.00694061	0.470865	-2.12375	5.23E-06	0.107601	-9.29357	27.3398	20.1294	0.65446	1
cg08844993	0.0423306	1.61139	1.61139	0.14042	0.723563	-1.38205	0.243624	0.779654	-1.28262	6.11E-05	0.221002	-4.52484	20.8538	13.7479	0.586002	1
cg09915519	0.615901	1.08255	1.08255	0.0176904	1.5721	1.5721	0.551234	0.909792	-1.09915	1.65E-06	0.151563	-6.59794	20.5862	8.01709	0.346169	1
cg08691235	0.00207175	1.60445	1.60445	0.26968	1.13351	1.13351	0.107201	0.825551	-1.21131	3.53E-06	0.305018	-3.27849	20.4281	3.84556	0.167332	1
cg08736813	0.115782	1.39312	1.39312	0.0428682	1.57146	1.57146	0.129936	1.37336	1.37336	5.98E-05	0.237123	-4.21722	18.056	10.7562	0.529525	1
cg15609237	0.04888	1.46096	1.46096	0.00746453	1.78716	1.78716	0.544254	0.901721	-1.10899	1.94E-05	0.231958	-4.31113	16.3294	7.34739	0.399956	1
cg16214269	0.167661	0.826182	-1.21039	0.551255	1.08142	1.08142	0.574656	0.929025	-1.0764	8.15E-06	0.282142	-3.54432	16.0221	4.2775	0.23731	1
cg09777256	0.183807	1.36825	1.36825	2.66E-05	0.1579	-6.33312	0.13789	0.701001	-1.42653	0.00755071	0.465676	-2.14742	11.1561	8.7357	0.696038	1
cg10087519	0.845012	1.04735	1.04735	0.882929	1.03544	1.03544	0.789552	0.938731	-1.06527	2.67E-05	0.140577	-7.11355	9.37439	8.29463	0.786505	1
cg04321497	0.00771232	1.57292	1.57292	0.00992756	1.53871	1.53871	0.012692	0.663749	-1.50659	0.363301	0.883713	-1.13159	7.85262	2.1774	0.246474	1
cg10038720	0.58003	1.17446	1.17446	0.404435	0.782355	-1.27819	0.271274	0.719267	-1.3903	0.000193694	0.164493	-6.07928	7.4312	9.74274	1.16539	1
cg18977423	0.319303	1.28019	1.28019	0.7201	1.09019	1.09019	0.57737	1.14465	1.14465	0.000243267	0.233167	-4.28877	6.01741	5.48941	0.810893	1
cg13313833	0.522522	0.863415	-1.15819	0.0109123	2.06276	2.06276	0.21396	0.743415	-1.34514	0.0643511	0.624421	-1.60148	3.52087	2.86322	0.722857	1
cg27622325	0.0231774	0.598646	-1.67044	0.660963	1.087	1.087	6.35E-07	0.0760392	-13.1511	6.14E-05	0.247231	-4.0448	36.6519	20.7403	0.502997	1
cg20701897	0.078627	1.29008	1.29008	0.401222	0.894012	-1.11855	0.753197	0.959704	-1.04199	0.0434981	0.738807	-1.35353	7.67072	2.06561	0.239364	1
cg07532576	0.0634349	0.319031	-3.13449	0.00571895	0.137613	-7.26676	0.205048	0.480989	-2.07905	0.0142412	0.191101	-5.23283	4.48273	21.2716	4.21799	1
cg15133917	0.0984705	0.510295	-1.95965	0.0109165	0.305373	-3.27468	0.481781	0.766857	-1.30402	0.00234409	0.206661	-4.83883	7.13011	15.5657	1.94053	1
cg21825734	0.0929487	1.32365	1.32365	0.0744828	1.3518	1.3518	0.057883	0.722346	-1.38438	0.00475097	0.566214	-1.76612	4.38188	1.59694	0.323948	1
cg05185019	0.0232491	0.454048	-2.20241	0.00291745	0.304081	-3.2886	0.368739	0.764356	-1.30829	0.0146329	0.416857	-2.39891	7.49488	10.0575	1.19281	1
cg14826792	0.017255	0.705391	-1.41765	0.0146976	0.69676	-1.43521	0.22316	1.16648	1.16648	0.125451	0.819132	-1.22081	6.75294	1.54801	0.203764	1
cg21461564	0.350294	0.860509	-1.1621	0.614947	0.923802	-1.08248	0.823344	1.03556	1.03556	0.0783786	1.35736	1.35736	5.09943	1.97214	0.343766	1
cg07362969	0.270998	1.36205	1.36205	0.122053	0.636446	-1.57122	0.00616676	2.62012	2.62012	0.0205729	2.12148	2.12148	3.91169	4.50369	1.02342	1
cg27507591	0.341363	0.806463	-1.23998	0.0224227	0.548766	-1.82227	0.0949204	1.49574	1.49574	0.129197	1.43288	1.43288	3.74443	2.85437	0.677598	1
cg13806106	0.081055	0.746233	-1.34006	0.00142422	0.497392	-2.01049	0.565235	0.915783	-1.09196	0.882342	0.977838	-1.02266	3.61439	1.31093	0.322397	1
cg10120040	7.90E-08	0.127896	-7.81888	4.03E-05	0.404435	-2.47259	0.637767	0.946727	-1.05627	1.29E-06	0.238259	-4.19711	83.1029	17.5387	0.187599	1
cg06412323	0.0326264	0.392236	-2.54948	0.0185704	0.34358	-2.91053	0.37804	0.712818	-1.40288	0.065032	0.460508	-2.17151	5.74078	12.7375	1.97224	1
cg02530321	0.0922159	2.04957	2.04957	0.0049799	0.237079	-4.218	0.100619	0.498397	-2.00643	0.250181	0.627957	-1.59246	5.03854	11.9638	2.11062	1
cg17361449	0.177861	0.777558	-1.28608	0.000967978	0.421862	-2.37044	0.277968	1.21926	1.21926	0.192984	0.784986	-1.27391	4.4737	2.18781	0.434699	1
cg01997182	0.593045	1.02679	1.02679	0.905592	1.00583	1.00583	0.238231	0.941262	-1.0624	0.528172	0.969169	-1.03181	4.33337	0.164785	0.0338017	1
cg08386450	0.761098	0.969867	-1.03107	0.0114762	0.728103	-1.37343	0.630141	1.04988	1.04988	0.874776	0.984301	-1.01595	4.30267	0.685992	0.141719	1
cg18038361	0.369693	1.15758	1.15758	0.000581952	2.32771	2.32771	0.842492	1.03211	1.03211	0.674599	0.935129	-1.06937	6.67768	2.66828	0.355184	1
cg08521225	0.00181408	2.33704	2.33704	0.127009	1.37158	1.37158	0.642858	0.914482	-1.09352	0.539299	0.887822	-1.12635	4.70199	2.72928	0.515957	1
cg14628914	0.272259	0.740884	-1.34974	0.0864164	0.608283	-1.64397	0.186933	1.44358	1.44358	0.00943932	0.42172	-2.37124	5.65759	6.17159	0.969646	1
cg14077144	0.0020472	0.204127	-4.89892	0.00154294	0.189076	-5.28888	0.367744	0.712954	-1.40262	0.0957159	0.512121	-1.95266	5.5601	11.7761	1.88264	1
cg02522936	0.0455604	9.20121	9.20121	0.223652	3.44705	3.44705	0.217443	3.51135	3.51135	0.211605	3.5744	3.5744	6.73997	100.015	13.1903	1
cg11021362	0.582546	0.613092	-1.63108	0.538191	1.73286	1.73286	0.646314	1.50195	1.50195	0.830419	0.828248	-1.20737	4.42679	45.7715	7.75474	1
cg11684211	?	?	?	?	?	?	0.0307558	0.397593	-2.51514	0.247074	0.65648	-1.52328	14.2011	16.718	1.17723	1
cg05378695	0.395771	2.61419	2.61419	0.411543	2.52762	2.52762	0.496865	2.13796	2.13796	0.803753	0.761124	-1.31385	4.5699	73.5355	12.0685	1
cg22206370	0.0196277	0.538724	-1.85624	0.408641	0.830752	-1.20373	0.000134889	0.234443	-4.26543	0.012692	0.506818	-1.9731	21.4866	16.3814	0.67769	1
cg00813890	0.30345	1.26364	1.26364	0.000255003	0.266439	-3.7532	0.559158	0.878384	-1.13845	0.041663	1.67455	1.67455	8.71275	6.65055	0.6785	1
cg06599908	0.561818	1.16162	1.16162	0.083814	1.63015	1.63015	0.014748	2.15216	2.15216	0.000181692	5.03894	5.03894	8.61084	8.89577	0.918302	1
cg24687102	0.0231199	1.96879	1.96879	0.414766	0.812268	-1.23112	0.940797	0.981645	-1.0187	0.111662	1.54053	1.54053	6.76482	6.66515	0.875792	1
cg09474331	0.00692628	0.325245	-3.07461	0.00616341	0.31717	-3.15288	0.387935	1.32897	1.32897	0.0523161	2.0326	2.0326	4.99165	8.16644	1.45424	1
cg10187559	0.68818	0.875902	-1.14168	0.0174046	0.386368	-2.58821	0.139978	0.593602	-1.68463	0.387813	1.33738	1.33738	4.42688	7.563	1.5186	1
cg15241920	0.171499	1.59735	1.59735	0.12656	1.70181	1.70181	0.992489	1.00303	1.00303	0.758385	1.10435	1.10435	3.80735	6.24094	1.45705	1
cg15972301	0.264456	0.739848	-1.35163	0.187	1.43666	1.43666	0.634513	1.13209	1.13209	0.0481656	1.79502	1.79502	3.65329	3.88296	0.944772	1
cg23695687	0.642827	0.868283	-1.1517	0.110866	0.591355	-1.69103	?	?	?	0.00458396	3.13114	3.13114	3.50937	4.51872	1.28762	1
cg02186277	0.260672	1.50479	1.50479	0.00434465	3.77165	3.77165	0.991861	1.00356	1.00356	0.138936	0.574173	-1.74164	5.28611	10.1585	1.7082	1
cg23632849	0.0166925	3.10803	3.10803	0.00678992	3.90155	3.90155	0.679774	1.17478	1.17478	0.622657	0.824903	-1.21226	3.52538	8.40925	2.12031	1
cg19433487	0.0127542	0.498697	-2.00523	6.45E-05	0.191875	-5.21174	0.878489	1.035	1.035	0.229844	0.753307	-1.32748	10.842	8.68117	0.711734	1
cg23740610	0.300214	1.53162	1.53162	0.982923	0.991536	-1.00854	0.140311	1.87762	1.87762	0.589791	1.24129	1.24129	3.45533	8.63035	2.22017	1
cg01993847	0.0106946	0.56636	-1.76566	0.473561	1.13788	1.13788	0.435875	1.15127	1.15127	0.722728	0.938822	-1.06516	5.48132	2.72586	0.442044	1
cg23460124	0.0369117	0.395618	-2.52769	0.0398802	0.402966	-2.4816	0.0195722	0.339811	-2.94281	0.171713	0.573102	-1.74489	3.69634	8.57014	2.06093	1
cg21257581	0.00643621	2.53157	2.53157	0.000249309	4.87619	4.87619	0.000594294	4.01354	4.01354	0.00343715	2.83378	2.83378	15.0062	16.3275	0.967158	1
ch.7.135065R	0.00555638	0.345831	-2.89159	0.000485272	0.203063	-4.92457	0.0188765	0.436513	-2.29088	0.123541	0.614944	-1.62616	10.6086	14.2744	1.19604	1
cg00145404	0.00186592	2.724	2.724	0.00397911	2.40882	2.40882	0.0124432	2.02632	2.02632	0.0402489	1.71273	1.71273	9.0321	7.37511	0.725817	1
cg19339021	0.341026	0.725032	-1.37925	0.228246	1.51352	1.51352	0.73239	0.893612	-1.11905	0.416652	1.31264	1.31264	8.04259	13.6796	1.51191	1
cg22788953	0.0297769	2.86925	2.86925	0.712933	0.858727	-1.16451	0.00146671	6.63864	6.63864	0.142093	1.91648	1.91648	6.59607	17.7455	2.39139	1
cg13676996	0.93316	1.0178	1.0178	0.00163883	0.365554	-2.73557	0.0243406	0.559714	-1.78663	0.325334	1.23939	1.23939	4.89696	3.35744	0.533258	1
cg00798876	0.255543	0.679409	-1.47187	0.0266715	0.425178	-2.35196	0.00311233	0.267968	-3.7318	0.325721	0.718603	-1.39159	4.17734	7.01591	1.4929	1
cg19506025	0.1756	1.23652	1.23652	0.263672	1.18739	1.18739	0.00396262	1.77032	1.77032	0.246484	1.1956	1.1956	4.10725	1.41346	0.305901	1
cg03633004	0.0858394	1.31849	1.31849	0.000919196	2.05699	2.05699	0.971797	1.00516	1.00516	0.898121	1.01883	1.01883	4.03365	1.35509	0.298619	1
cg03041617	0.00882967	0.251528	-3.97569	0.0129866	0.279076	-3.58326	0.107773	0.483554	-2.06802	0.210302	0.578948	-1.72727	3.95351	10.7324	2.41303	1
cg04260633	0.330258	0.699585	-1.42942	0.154664	1.71895	1.71895	0.87961	1.05538	1.05538	0.360428	0.715804	-1.39703	3.85441	7.71963	1.78027	1
cg02393470	0.846	0.972271	-1.02852	0.0333105	1.43295	1.43295	0.622735	0.930798	-1.07435	0.21191	0.826819	-1.20946	3.77838	1.25153	0.29443	1
cg26053068	0.278411	1.2149	1.2149	0.0514988	1.46648	1.46648	0.565558	0.904544	-1.10553	0.828962	1.03807	1.03807	3.59549	1.69872	0.419964	1
cg09088050	0.00829778	0.520496	-1.92124	0.000368411	0.331726	-3.01454	0.0176877	0.572204	-1.74763	0.00645553	0.503941	-1.98436	9.68119	5.74047	0.527067	1
cg14266722	0.027906	0.541688	-1.84608	0.0214568	0.521005	-1.91937	0.700302	1.09556	1.09556	0.103212	0.656655	-1.52287	5.99496	5.28707	0.783928	1
cg14064503	0.50357	0.821098	-1.21788	0.00101816	0.242969	-4.11575	0.772133	0.919139	-1.08797	0.633046	1.1499	1.1499	5.56292	7.42932	1.18712	1
cg25044765	0.130663	1.38458	1.38458	0.164446	1.34408	1.34408	0.103434	1.42626	1.42626	0.217911	0.772296	-1.29484	4.49724	2.83068	0.55949	1
cg03096347	0.337218	0.724602	-1.38007	0.00270708	0.259518	-3.8533	0.665292	0.86787	-1.15225	0.105522	0.562283	-1.77846	4.42505	7.429	1.49231	1
cg13982695	0.499535	0.85445	-1.17034	0.0554021	1.64592	1.64592	0.0188129	1.92157	1.92157	0.278534	1.29508	1.29508	4.3246	3.60715	0.741423	1
cg26037848	0.119616	1.26722	1.26722	0.00890046	1.59486	1.59486	0.168146	0.813852	-1.22872	0.161812	0.810988	-1.23306	4.06915	1.26746	0.276873	1
cg17090237	0.00205907	0.633747	-1.57792	0.000755808	0.584721	-1.71022	0.00473552	0.674222	-1.48319	0.697902	1.04183	1.04183	30.3699	5.30987	0.155413	1
cg19218505	0.0420644	1.46019	1.46019	0.0230977	1.55123	1.55123	0.0193866	1.57917	1.57917	0.0264193	1.53023	1.53023	6.25547	2.58779	0.367719	1
cg05492113	0.0249314	0.60369	-1.65648	0.018242	0.581612	-1.71936	0.251568	0.797288	-1.25425	0.197699	0.772976	-1.2937	6.07866	3.44343	0.503536	1
cg02629281	0.10912	1.4236	1.4236	0.58598	1.1176	1.1176	0.750496	1.06662	1.06662	0.494013	0.869007	-1.15074	4.06253	2.62936	0.575309	1
cg20559189	0.472087	0.829167	-1.20603	0.554588	1.16542	1.16542	0.519949	1.18181	1.18181	0.802547	1.06627	1.06627	3.86707	4.01753	0.923473	1
cg27126225	0.00697549	1.64356	1.64356	0.17305	1.22927	1.22927	0.989831	1.00182	1.00182	0.426484	1.12255	1.12255	3.59606	1.15444	0.285359	1
cg05003666	0.151843	1.25944	1.25944	0.101109	1.30963	1.30963	0.704549	1.05891	1.05891	0.460013	0.893135	-1.11965	3.59585	1.28552	0.31778	1
cg01890845	0.256434	1.50357	1.50357	0.0600666	0.481763	-2.07571	0.209287	1.57718	1.57718	0.444707	1.30768	1.30768	3.49734	6.56611	1.66885	1
cg18220042	0.00238321	1.85573	1.85573	0.458422	0.895627	-1.11654	0.390361	1.13713	1.13713	0.49742	0.904311	-1.10581	7.06783	2.38613	0.300093	1
cg11739541	0.000277485	0.133759	-7.47614	0.266243	0.675915	-1.47947	0.233531	1.5255	1.5255	0.0269836	2.42434	2.42434	8.9818	16.2634	1.60952	1
cg00973724	0.00499416	0.804403	-1.24316	0.000209231	0.695334	-1.43816	0.0179329	1.18354	1.18354	0.90468	0.993007	-1.00704	16.0325	0.871395	0.0483127	1
cg23702657	0.00467699	0.131076	-7.62917	0.120706	2.48292	2.48292	0.959372	1.02791	1.02791	0.392179	1.60594	1.60594	3.89411	18.0091	4.11085	1
cg16975985	0.00955386	0.687185	-1.45521	0.510737	0.926581	-1.07924	0.412084	1.10061	1.10061	0.101324	1.22761	1.22761	3.72539	0.770902	0.183939	1
cg19426128	0.129751	1.31047	1.31047	0.0067547	1.78616	1.78616	0.000825629	2.2981	2.2981	0.0665203	1.40483	1.40483	10.644	4.60046	0.384188	1
cg16881676	0.470545	1.32768	1.32768	0.0839046	2.09279	2.09279	0.0272566	0.364656	-2.74231	0.16683	0.566042	-1.76665	3.65876	8.63872	2.09876	1
cg19925741	0.541592	0.916605	-1.09098	0.00832946	1.60836	1.60836	0.660917	1.06418	1.06418	0.00011223	0.384193	-2.60286	9.76064	3.06997	0.279578	1
cg20011604	0.000454024	0.277536	-3.60314	0.370208	0.807772	-1.23797	0.0542053	0.602376	-1.66009	0.000251698	0.246516	-4.05654	9.1753	7.82069	0.757656	1
cg27040976	0.0744562	0.292458	-3.41929	0.203973	2.29187	2.29187	0.0926459	0.318307	-3.14162	0.0005885	0.0374455	-26.7055	7.84124	47.526	5.38759	1
cg06437862	0.000605771	0.171655	-5.82562	0.927998	1.03059	1.03059	0.578697	0.82945	-1.20562	0.0119333	0.351387	-2.84587	7.57299	13.3291	1.56452	1
cg24729352	0.0110649	0.304957	-3.27915	0.00193291	0.194901	-5.13081	0.0347339	0.399545	-2.50285	0.02863	0.381991	-2.61786	6.93338	15.2547	1.95571	1
cg13162960	0.272736	0.662912	-1.5085	0.027011	2.56765	2.56765	0.212842	0.623433	-1.60402	0.0406329	0.426846	-2.34277	6.016	12.3579	1.82593	1
cg08756887	0.011871	0.190712	-5.24351	0.479908	1.46066	1.46066	0.226004	1.95572	1.95572	0.0142141	0.202749	-4.9322	5.96554	26.2987	3.91861	1
cg05006718	0.0929059	0.310347	-3.2222	0.119962	2.90858	2.90858	0.0861779	0.301211	-3.31993	0.0137018	0.145255	-6.88442	4.01554	25.4756	5.63933	1
cg21727907	0.0277408	0.187621	-5.32991	0.642566	0.740369	-1.35068	0.683903	0.768531	-1.30118	0.0112045	0.129502	-7.72191	3.86405	25.3152	5.82354	1
cg22274414	0.345564	0.616807	-1.62125	0.344961	1.62229	1.62229	0.283326	0.57438	-1.74101	0.0203254	0.248743	-4.02021	3.69563	14.4814	3.48314	1
cg04131456	0.00473006	0.369521	-2.70621	0.243401	0.723376	-1.38241	0.651584	0.886391	-1.12817	1.38E-05	0.0899209	-11.1209	13.1082	14.6118	0.990847	1
cg22675150	0.200278	0.740033	-1.35129	0.0127644	1.99065	1.99065	0.936389	1.01792	1.01792	0.00129078	0.352202	-2.83928	8.6029	6.74691	0.69712	1
cg04346410	0.051758	0.761632	-1.31297	0.00104228	1.81681	1.81681	0.188214	1.1871	1.1871	0.0362685	0.741213	-1.34914	10.9806	2.6314	0.213014	1
cg14067716	0.336773	1.11106	1.11106	0.002331	1.57146	1.57146	0.362027	0.905175	-1.10476	0.525331	0.93385	-1.07084	4.47985	0.802251	0.159182	1
cg00455892	0.0616879	0.684233	-1.46149	0.152143	0.758366	-1.31862	0.713265	1.06881	1.06881	0.00241618	0.466852	-2.14201	4.24422	2.18521	0.457661	1
cg16864938	0.343881	1.26473	1.26473	0.00681084	2.32677	2.32677	0.956834	0.987046	-1.01312	0.850251	1.04658	1.04658	3.97693	3.65454	0.816832	1
cg25828381	0.565218	1.09717	1.09717	0.257894	1.20722	1.20722	0.21836	0.813407	-1.2294	0.594864	0.917946	-1.08939	8.72076	3.51423	0.358199	1
cg22141780	0.587234	0.878633	-1.13813	0.0532978	1.67909	1.67909	0.494233	0.848853	-1.17806	0.199805	0.726334	-1.37678	7.74121	6.83212	0.784502	1
cg06900650	0.708204	1.13255	1.13255	0.287859	1.44098	1.44098	0.418982	0.760793	-1.31442	0.886912	0.953983	-1.04824	7.70304	13.3717	1.54302	1
cg02368177	0.206392	1.20463	1.20463	0.000576942	2.10441	2.10441	0.107444	0.782367	-1.27817	0.00444865	0.588552	-1.69909	7.39991	2.28699	0.274717	1
cg03599600	0.0781037	0.469385	-2.13045	0.0115039	0.294832	-3.39176	0.0444264	0.409863	-2.43984	0.113124	0.513647	-1.94686	4.60696	10.8926	2.10167	1
cg21493212	0.611064	0.91289	-1.09542	0.000664326	2.52453	2.52453	0.670467	0.926759	-1.07903	0.43818	0.8689	-1.15088	3.81156	1.90631	0.444568	1
cg13859833	0.0252499	0.328841	-3.04098	0.0691908	2.33933	2.33933	0.607881	1.24152	1.24152	0.287036	0.629952	-1.58742	4.29144	11.8762	2.45991	1
cg05001691	0.969048	0.993214	-1.00683	5.72E-06	0.166509	-6.00567	0.00237605	0.475461	-2.10322	0.000630805	0.397797	-2.51384	21.9241	10.6916	0.433481	1
cg26202886	0.824229	1.06599	1.06599	0.000709108	0.227228	-4.40087	0.99842	1.00057	1.00057	0.434983	0.79548	-1.2571	5.62151	7.34643	1.16164	1
cg17920653	0.165106	0.589233	-1.69712	0.00703425	0.288041	-3.47173	0.154487	0.580172	-1.72363	0.0170153	0.353655	-2.82762	4.10572	8.29749	1.79641	1
cg23369371	0.47818	0.836637	-1.19526	0.0400943	0.556112	-1.7982	0.337491	0.783023	-1.2771	0.98695	0.995963	-1.00405	7.54071	7.30747	0.861396	1
cg00476358	0.188441	1.27707	1.27707	0.000608318	0.395678	-2.52731	0.557187	1.10982	1.10982	0.280321	1.21769	1.21769	4.51173	2.20091	0.433618	1
cg09612946	0.295095	1.71728	1.71728	0.102602	0.410864	-2.4339	0.0494053	0.327336	-3.05497	0.0581214	0.344206	-2.90523	3.90372	15.3333	3.49145	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg22385231	TUBA4B;TUBA4A	0.0167083	0.00650751	0.417485	-2.39529	0.201901	0.716882	-1.39493
cg22129906	TUBA4B;TUBA4A	0.0246377	0.563689	1.13329	1.13329	0.612626	0.896327	-1.11566
cg25835669	TUBA8	0.000170475	0.184746	0.737786	-1.35541	0.162983	0.724744	-1.3798
cg05875032	TUBA8	0.0013763	0.0307186	0.324613	-3.08059	0.360388	1.51716	1.51716
cg05816380	TUBA8	0.0188492	0.927282	0.988434	-1.0117	0.649224	0.94331	-1.0601
cg20064122	TUBA8	0.0243814	0.295414	0.850004	-1.17647	0.58321	0.920354	-1.08654
cg09365259	TUBA8	0.0318156	0.751336	1.19229	1.19229	0.561439	1.38382	1.38382
cg19678959	TUBA8	0.0481536	0.118941	0.570697	-1.75224	0.012535	2.799	2.799
cg13767270	TUBAL3	0.00851493	0.742127	1.1022	1.1022	0.0319645	2.09736	2.09736
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cg14861518	TUBB	2.99E-05	0.00354375	0.751517	-1.33064	7.43E-06	0.49016	-2.04015
cg25364740	TUBB	6.55E-05	0.295541	1.30284	1.30284	?	?	?
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cg06005318	TUBB	0.00330737	0.00091823	0.506415	-1.97467	0.0129545	1.5276	1.5276
cg21660604	TUBB	0.00463241	0.514921	1.05433	1.05433	0.0633961	1.18205	1.18205
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cg15878619	TUBB	0.00792254	0.0025758	0.409977	-2.43916	0.0179327	0.541306	-1.84738
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cg07296268	TUBB	0.00873711	0.329663	0.841766	-1.18798	0.000630468	2.45859	2.45859
cg17431746	TUBB	0.00952967	0.328201	0.839222	-1.19158	0.0065334	1.8473	1.8473
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cg18428104	TUBB	0.0156716	0.210278	0.727287	-1.37497	0.663649	0.899837	-1.11131
cg19748937	TUBB	0.018524	0.816015	0.959258	-1.04247	?	?	?
cg19021318	TUBB	0.0200138	0.47221	1.04809	1.04809	0.352076	1.06344	1.06344
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cg00718519	TUBB	0.0253292	0.047046	0.803918	-1.24391	0.275884	1.11499	1.11499
cg16174196	TUBB	0.0266755	0.043691	0.610388	-1.6383	0.0545392	1.59097	1.59097
cg07972954	TUBB	0.029175	0.0147809	0.604153	-1.65521	0.0142193	1.66213	1.66213
cg05125809	TUBB	0.0313659	0.00790076	0.375225	-2.66506	0.067662	0.554918	-1.80207
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cg00137491	TUBB	0.0380079	0.249117	0.747012	-1.33867	0.0236107	1.92404	1.92404
cg27285836	TUBB	0.0386539	0.00770922	0.484617	-2.06349	0.0302605	0.583309	-1.71436
cg22492936	TUBB	0.0419899	0.108702	0.860133	-1.16261	0.811147	1.02083	1.02083
cg27500784	TUBB	0.0473215	0.0555494	0.337235	-2.96529	0.54126	1.36318	1.36318
cg01108243	TUBB1	0.000425451	0.0340682	0.5653	-1.76897	0.152837	0.702527	-1.42343
cg13887095	TUBB1	0.00093165	0.0104388	2.17353	2.17353	0.0511412	1.70713	1.70713
cg06039171	TUBB1	0.0209744	0.00540211	0.435384	-2.29682	0.475694	0.848154	-1.17903
cg11134653	TUBB1	0.0242188	0.997036	0.999513	-1.00049	0.00136016	0.543489	-1.83996
cg13756273	TUBB1;TUBB1	2.77E-05	0.529168	0.924493	-1.08167	0.828227	0.973595	-1.02712
cg21526654	TUBB2A	0.00757558	0.194581	1.92589	1.92589	0.0742557	0.383701	-2.6062
cg22943782	TUBB2A	0.0093026	0.0142625	0.76084	-1.31434	0.215433	1.12514	1.12514
cg15173079	TUBB2A	0.0364633	0.422318	0.76525	-1.30676	0.108757	1.77004	1.77004
cg24306277	TUBB2A	0.0451178	?	?	?	0.0706482	1.5819	1.5819
cg12747860	TUBB2B	1.64E-05	0.0839432	1.11942	1.11942	0.0016994	1.30268	1.30268
cg00715124	TUBB2B	0.00276265	0.0382444	0.516888	-1.93465	0.000324591	0.202472	-4.93895
cg19244428	TUBB2B	0.00339906	0.185458	0.80826	-1.23723	0.00105934	2.08335	2.08335
cg08936487	TUBB2B	0.00597287	0.024151	0.250771	-3.9877	0.00394502	0.136007	-7.35255
cg10133610	TUBB2B	0.0199761	0.0363188	0.336276	-2.97375	0.00097739	0.111238	-8.98976
cg24138650	TUBB2B	0.0212837	0.0527766	0.562329	-1.77832	0.00123473	0.2908	-3.4388
cg08389577	TUBB2B	0.033466	0.558576	0.809901	-1.23472	0.0486196	2.23182	2.23182
cg02022294	TUBB3	0.000160783	0.000235412	0.459975	-2.17403	0.000890481	0.530446	-1.8852
cg09826306	TUBB3	0.00293335	0.0560965	1.94865	1.94865	0.390818	0.762527	-1.31143
cg03117395	TUBB3	0.00321865	0.32664	0.902863	-1.10759	0.038919	0.785662	-1.27281
cg08442217	TUBB3	0.0082646	0.298405	0.871599	-1.14732	0.446696	1.10394	1.10394
cg06912355	TUBB3	0.0089771	0.412119	1.30268	1.30268	0.000340894	0.162141	-6.16746
cg13494498	TUBB3	0.0115378	0.0279795	1.62883	1.62883	0.911356	0.979292	-1.02115
cg08286799	TUBB3	0.0246319	0.317462	0.867643	-1.15255	0.616377	1.07186	1.07186
cg09387587	TUBB3	0.0277574	0.75868	0.935302	-1.06917	0.0258451	1.77596	1.77596
cg27170458	TUBB3	0.0341028	0.0272807	0.183575	-5.44738	0.0338653	0.200377	-4.99059
cg27222884	TUBB3	0.0406468	0.482763	0.908552	-1.10065	0.0671321	0.758914	-1.31767
cg06399971	TUBB4	0.000723779	0.0129993	0.729927	-1.37	0.00757343	0.704072	-1.42031
cg04738552	TUBB4	0.0015536	0.488076	0.751691	-1.33033	0.445955	1.36999	1.36999
cg25817261	TUBB4	0.00598027	0.00934824	0.513547	-1.94724	0.789958	1.05546	1.05546
cg16872756	TUBB4;MIR220B	0.00234311	0.0779497	0.822986	-1.21509	0.000339775	0.56319	-1.7756
cg04866810	TUBB4;MIR220B	0.0308235	0.10161	0.792032	-1.26258	0.096078	0.788402	-1.26839
cg06548442	TUBB4;MIR220B	0.0466987	0.06796	2.32291	2.32291	0.00927092	3.90097	3.90097
cg22256295	TUBB4Q	0.000586742	0.0555996	0.615574	-1.6245	0.00636164	0.45184	-2.21317
cg11798685	TUBB4Q	0.000908501	0.000352613	0.440179	-2.2718	0.648708	0.936541	-1.06776
cg01682748	TUBB4Q	0.00543696	0.114278	1.69306	1.69306	0.000199169	6.78694	6.78694
cg20441912	TUBB4Q	0.0116996	0.359467	1.273	1.273	0.0152808	2.14473	2.14473
cg12880777	TUBB6	0.000421674	0.339387	0.834696	-1.19804	0.0945753	1.40098	1.40098
cg16546503	TUBB6	0.0054566	0.913123	0.925313	-1.08072	0.000774774	37.2839	37.2839
cg22467216	TUBB6	0.00593665	0.665312	0.959882	-1.04179	0.0559037	1.22598	1.22598
cg25456927	TUBB6	0.0063453	0.995479	0.999341	-1.00066	0.978801	0.996913	-1.0031
cg07307078	TUBB6	0.025057	0.553009	0.62116	-1.60989	0.0160522	10.3619	10.3619
cg16808455	TUBB6	0.0301012	0.192237	0.833967	-1.19909	0.70746	0.951621	-1.05084
cg03507241	TUBB6	0.0448688	0.354785	0.378536	-2.64176	0.0440294	10.6059	10.6059
cg05985066	TUBB8;TUBB8	0.00123752	0.0258751	0.671884	-1.48835	0.147272	1.26337	1.26337
cg06848711	TUBB8;TUBB8	0.00158401	0.140822	0.763119	-1.31041	0.202444	1.25817	1.25817
cg24453527	TUBB8;TUBB8	0.0199549	0.0905071	0.765865	-1.30571	0.580651	0.923299	-1.08307
cg22609331	TUBB8;TUBB8	0.0436451	0.0173132	0.402113	-2.48686	0.101913	0.569682	-1.75536
cg27145134	TUBB8;TUBB8	0.0493782	0.731215	1.08701	1.08701	0.0211263	1.95599	1.95599
cg17268033	TUBB8;TUBB8;TUBB8	0.00987282	0.156574	1.51504	1.51504	0.0144063	2.28616	2.28616
cg15652280	TUBB;MDC1	0.000992425	0.293036	0.802228	-1.24653	0.363286	0.827993	-1.20774
cg01217601	TUBB;MDC1	0.00233718	0.00109482	3.04642	3.04642	0.0331597	1.77898	1.77898
cg17950410	TUBB;MDC1	0.011683	0.0172798	0.22646	-4.41579	0.00562268	0.155438	-6.43344
cg08680415	TUBB;MDC1	0.0137688	0.00564355	0.203831	-4.90602	0.0573882	0.390168	-2.563
cg06608112	TUBB;TUBB	0.00304332	0.0938587	0.585307	-1.7085	0.0115135	2.50645	2.50645
cg16372751	TUBBP5	0.00511391	0.311059	0.788514	-1.26821	0.00733044	0.456722	-2.18951
cg23659044	TUBBP5	0.00717256	0.0332936	0.664355	-1.50522	0.972518	1.00568	1.00568
cg13913130	TUBBP5	0.0246616	0.0368956	0.554326	-1.80399	0.436184	0.824184	-1.21332
cg07034497	TUBD1;RPS6KB1	0.013362	0.105809	0.667295	-1.49859	0.0104541	0.478051	-2.09183
cg03637975	TUBD1;RPS6KB1	0.0136336	0.00940662	0.618043	-1.61801	0.0304932	0.689605	-1.45011
cg04973632	TUBD1;RPS6KB1	0.0272717	0.015335	0.261504	-3.82403	0.0421502	2.87233	2.87233
cg22134634	TUBD1;RPS6KB1	0.0331025	0.51261	0.947039	-1.05592	0.278092	1.09682	1.09682
cg02443583	TUBD1;RPS6KB1;RPS6KB1	0.00101937	0.784226	0.905052	-1.10491	0.0374165	2.4557	2.4557
cg13276752	TUBD1;TUBD1;RPS6KB1	0.0177798	0.218832	0.859618	-1.16331	0.770313	1.03484	1.03484
cg18664336	TUBD1;TUBD1;RPS6KB1	0.0309689	0.152522	1.17056	1.17056	0.752699	1.03302	1.03302
cg00547829	TUBD1;TUBD1;RPS6KB1	0.037115	0.915026	1.01732	1.01732	0.773196	1.04758	1.04758
cg09351636	TUBE1;C6orf225	3.64E-06	0.00036627	1.36536	1.36536	0.000101946	0.686954	-1.4557
cg10078446	TUBE1;C6orf225	0.00252831	0.133893	0.749395	-1.33441	0.461537	0.874793	-1.14313
cg12289509	TUBE1;C6orf225	0.0034602	0.0979327	1.1433	1.1433	0.162848	1.11615	1.11615
cg20279784	TUBE1;C6orf225	0.00837712	0.00321655	3.16547	3.16547	0.968229	0.98865	-1.01148
cg10310756	TUBE1;C6orf225	0.00850101	0.0211842	0.74241	-1.34696	0.0819871	0.812902	-1.23016
cg13487859	TUBE1;C6orf225	0.016267	0.127418	0.639072	-1.56477	0.0242764	2.07382	2.07382
cg23586272	TUBE1;C6orf225	0.0315754	0.0713357	0.767409	-1.30309	0.386243	1.11636	1.11636
cg27541691	TUBG2	0.00109221	0.380723	1.27146	1.27146	0.00687942	2.54637	2.54637
cg24533673	TUBG2	0.0125177	0.210311	0.670385	-1.49168	0.00585591	0.335279	-2.98259
cg18995023	TUBG2;TUBG2	0.00391526	0.518608	0.929014	-1.07641	0.118742	1.20991	1.20991
cg03522707	TUBGCP2	2.48E-06	0.984522	0.998047	-1.00196	0.111511	1.19085	1.19085
cg11685186	TUBGCP2	7.00E-06	0.0214512	0.723837	-1.38153	0.0555594	0.775875	-1.28887
cg15984782	TUBGCP2	6.19E-05	0.00865617	0.745358	-1.34164	1.72E-05	2.16787	2.16787
cg27003721	TUBGCP2	9.33E-05	0.0365327	0.64895	-1.54095	0.434456	0.867702	-1.15247
cg18200800	TUBGCP2	0.00013509	0.00374882	0.781613	-1.27941	6.64E-05	1.58473	1.58473
cg02113368	TUBGCP2	0.000155925	0.642176	1.0814	1.0814	0.823037	0.963235	-1.03817
cg00548173	TUBGCP2	0.000568217	0.173998	0.85054	-1.17572	0.599108	0.942353	-1.06117
cg17109704	TUBGCP2	0.000809818	0.823039	1.06283	1.06283	3.32E-05	0.111831	-8.94206
cg10628465	TUBGCP2	0.000847849	0.0629206	1.22394	1.22394	0.0345323	1.26882	1.26882
cg16300838	TUBGCP2	0.000974063	0.0464362	0.69449	-1.43991	0.153975	0.78353	-1.27628
cg11534938	TUBGCP2	0.0013835	0.164624	0.701265	-1.426	9.14E-05	0.187662	-5.32872
cg11801637	TUBGCP2	0.00150172	0.00223797	0.357007	-2.80106	0.538101	1.16185	1.16185
cg11678206	TUBGCP2	0.00159392	0.132053	0.501656	-1.9934	0.00359606	0.187664	-5.32868
cg03426198	TUBGCP2	0.00186143	0.721876	0.923633	-1.08268	0.00422222	0.426801	-2.34301
cg08795645	TUBGCP2	0.0022197	0.143529	0.862978	-1.15878	0.919991	1.00946	1.00946
cg25005279	TUBGCP2	0.00226222	0.575386	1.07545	1.07545	0.000426653	0.488274	-2.04803
cg17618808	TUBGCP2	0.00242702	0.000499359	0.540937	-1.84865	0.124623	0.828951	-1.20634
cg06211110	TUBGCP2	0.00387251	0.296282	0.789996	-1.26583	0.696366	1.08911	1.08911
cg24861866	TUBGCP2	0.00465662	0.00198113	0.655449	-1.52567	0.442571	1.07863	1.07863
cg20522299	TUBGCP2	0.00524536	7.35E-05	0.183696	-5.44377	0.222467	1.35168	1.35168
cg12010544	TUBGCP2	0.00550459	0.176151	0.750618	-1.33224	0.931595	1.01727	1.01727
cg02047601	TUBGCP2	0.00603844	0.107435	0.791874	-1.26283	0.362827	0.883189	-1.13226
cg03265579	TUBGCP2	0.00722692	0.473594	1.10191	1.10191	0.0649732	0.758868	-1.31775
cg26784546	TUBGCP2	0.00730556	0.127219	0.795263	-1.25745	0.950641	0.991439	-1.00864
cg17851392	TUBGCP2	0.0130398	0.0154168	0.321397	-3.11142	0.00172607	0.181375	-5.51342

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05142592	TUBGCP2	0.0135751	0.0766922	0.63431	-1.57652	0.142304	1.44006	1.44006	0.47272	1.18396	1.18396	0.0143046	0.497392	-2.01049	0.00376692	0.40495	-2.46944	0.00284894	0.38694	-2.58438	0.375197	0.810237	-1.23421	0.433333	0.831226	-1.20304	0.744211	0.927097	-1.07864	5.35378	4.53259	0.752547	1
cg03789601	TUBGCP2	0.0179994	0.00204562	0.32532	-3.07389	0.000953664	0.280225	-3.56856	0.828892	0.945608	-1.05752	0.23367	0.724236	-1.38076	0.508864	0.840999	-1.18906	0.184054	0.694805	-1.43925	0.187871	0.697254	-1.4342	0.726527	0.913262	-1.09498	0.173467	0.687818	-1.45387	4.87518	5.15536	0.939975	1
cg10047480	TUBGCP2	0.0183225	0.166816	1.33345	1.33345	0.00267792	0.444677	-2.24882	0.298687	1.23406	1.23406	0.0462196	0.640249	-1.56189	0.173071	0.753481	-1.32717	0.0106529	0.534249	-1.87179	0.376201	1.19399	1.19399	0.440325	1.16607	1.16607	0.690199	0.92476	-1.08136	4.84608	2.92556	0.536618	1
cg22740809	TUBGCP2	0.0196647	0.0604313	1.33623	1.33623	0.402651	0.889366	-1.1244	0.707479	0.949705	-1.05296	0.369467	0.88146	-1.13448	0.131023	1.25008	1.25008	0.0908149	1.29051	1.29051	0.000725657	2.02107	2.02107	0.41544	1.12069	1.12069	0.08178	1.30217	1.30217	4.73164	1.40434	0.26382	1
cg13780561	TUBGCP2	0.0281725	0.560782	0.756813	-1.32133	0.0445603	2.98237	2.98237	0.261714	1.74099	1.74099	0.0116265	0.224416	-4.456	0.0059311	0.181797	-5.50063	0.835399	0.906135	-1.10359	0.115608	0.44472	-2.24861	0.711176	1.19267	1.19267	0.696541	1.20402	1.20402	4.17873	14.8531	3.15952	1
cg24193242	TUBGCP2	0.0283093	0.291561	1.64612	1.64612	0.199685	0.539525	-1.85348	0.0065876	0.20052	-4.98703	0.126713	2.12197	2.12197	0.845394	1.09299	1.09299	0.134642	2.08467	2.08467	0.0239964	0.293377	-3.40858	0.486943	1.37945	1.37945	0.0673467	0.393132	-2.54368	4.1716	13.7039	2.92005	1
cg10241117	TUBGCP2	0.0298328	0.889353	0.977855	-1.02265	0.167756	1.26684	1.26684	0.65831	1.07423	1.07423	0.68011	0.935478	-1.06897	0.0245581	1.53853	1.53853	0.244977	1.2161	1.2161	0.00173027	0.487252	-2.05233	0.84231	1.03256	1.03256	0.981732	1.00369	1.00369	4.09495	1.67844	0.364339	1
cg08497649	TUBGCP2	0.0360997	0.593734	1.10532	1.10532	0.00436334	0.492515	-2.0304	0.00679629	0.520849	-1.91994	0.366744	0.841599	-1.18821	0.125831	0.73487	-1.36079	0.280317	0.811624	-1.2321	0.228695	1.26485	1.26485	0.849971	1.03585	1.03585	0.288475	0.814693	-1.22746	3.82399	2.09486	0.486952	1
cg25333056	TUBGCP2	0.0412314	0.255355	0.856635	-1.16736	0.0292814	0.715601	-1.39743	0.210131	0.841896	-1.1878	0.555451	1.08081	1.08081	0.878587	0.980277	-1.02012	0.149759	0.817717	-1.22292	0.00377302	1.66423	1.66423	0.593563	0.932211	-1.07272	0.877411	1.02032	1.02032	3.64215	0.979538	0.239062	1
cg17770886	TUBGCP2;ZNF511	0.000343262	0.000211572	0.270695	-3.69419	0.00324682	0.428677	-2.33276	0.568289	0.885419	-1.12941	0.097178	1.46835	1.46835	0.000571233	0.324435	-3.08229	0.118593	0.699411	-1.42978	0.000268466	0.283182	-3.53129	0.868372	1.03562	1.03562	0.000196569	0.26689	-3.74686	15.8537	11.1808	0.626891	1
cg06130365	TUBGCP2;ZNF511	0.000848228	0.000629334	0.553116	-1.80794	0.465123	1.08738	1.08738	0.102728	1.22285	1.22285	0.01125	0.699187	-1.43023	0.00113294	1.71551	1.71551	0.000669056	0.556222	-1.79784	0.0316549	0.752849	-1.32829	0.278009	0.880629	-1.13555	0.861542	1.01987	1.01987	12.3271	2.47915	0.178767	1
cg15856055	TUBGCP2;ZNF511	0.00501953	0.0015057	0.0688426	-14.5259	0.00584326	0.121031	-8.26236	0.152515	0.407907	-2.45154	0.611204	0.740825	-1.34985	0.00172305	0.0730219	-13.6945	0.0525646	0.275358	-3.63164	0.00251331	0.0858156	-11.6529	0.0333096	0.233263	-4.287	0.00993969	0.148773	-6.72164	7.32986	39.7495	4.8204	1
cg10870786	TUBGCP2;ZNF511	0.02106	0.621904	1.0288	1.0288	0.0432522	0.875645	-1.14202	0.940162	0.995721	-1.0043	0.041049	0.874022	-1.14414	0.130432	0.91093	-1.09778	0.162535	0.91837	-1.08889	0.748668	1.01853	1.01853	0.0716878	0.891494	-1.12171	0.00312693	1.25958	1.25958	4.62252	0.238812	0.0459225	1
cg08602346	TUBGCP3	0.000234367	0.00108671	0.270604	-3.69543	0.000720015	0.247809	-4.03536	0.012779	0.432356	-2.31291	0.834051	0.944713	-1.05852	5.47E-05	0.13042	-7.66754	0.0001163	0.160278	-6.23916	0.000573607	0.235704	-4.24261	0.0683127	0.575041	-1.73901	0.173239	1.48119	1.48119	17.5967	20.481	1.03459	1
cg06961284	TUBGCP3	0.000366601	0.480563	1.12259	1.12259	0.712431	0.942041	-1.06152	0.211808	0.808864	-1.2363	0.255957	0.825929	-1.21076	4.44E-05	0.287229	-3.48154	4.36E-05	0.286305	-3.49277	0.018217	1.5877	1.5877	0.49308	0.893811	-1.11881	0.558303	0.908945	-1.10018	15.5696	6.41352	0.366156	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14755699	TWIST2	0.0293271	0.0537245	0.592256	-1.68846	0.0145407	0.486835	-2.05408	0.00657588	0.429988	-2.32564	0.679296	0.905366	-1.10453	0.0106836	0.464217	-2.15417	0.74472	1.08126	1.08126	0.0185174	0.5051	-1.9798	0.590197	0.878082	-1.13885	0.343812	0.791995	-1.26263	4.11984	3.73136	0.805069	1
cg15144319	TWIST2	0.045428	0.809077	1.03941	1.03941	0.758432	1.05049	1.05049	0.0518679	0.702399	-1.42369	0.118458	1.31081	1.31081	0.249678	1.21179	1.21179	0.0593647	1.40475	1.40475	0.00334552	1.89192	1.89192	0.940785	0.988207	-1.01193	0.621806	1.08263	1.08263	3.51304	1.41862	0.358947	1
cg06639246	TWISTNB	1.65E-06	0.802953	1.04084	1.04084	0.0768709	1.37025	1.37025	0.218247	0.812737	-1.23041	1.89E-08	0.0326381	-30.6391	0.209012	1.23617	1.23617	0.678108	1.06911	1.06911	6.08E-05	0.305621	-3.27202	0.609573	0.920845	-1.08596	0.0590334	1.40682	1.40682	64.49	26.1816	0.36087	1
cg20109393	TWISTNB	0.00087351	0.864685	0.972616	-1.02816	0.764148	0.952196	-1.0502	0.0242169	0.645717	-1.54867	0.0839103	0.732453	-1.36528	0.230809	0.814947	-1.22707	2.26E-05	0.250945	-3.98493	0.00590477	0.556367	-1.79738	0.0651734	1.40079	1.40079	0.113824	1.3232	1.3232	12.2254	5.13115	0.373077	1
cg00726147	TWISTNB	0.0106442	0.0035445	0.478888	-2.08817	0.720763	0.935324	-1.06915	0.0962358	0.711585	-1.40531	0.157471	1.32525	1.32525	0.00191076	0.44092	-2.26799	0.0258251	0.610784	-1.63724	0.424565	0.859059	-1.16406	0.0113711	0.554183	-1.80446	0.238977	0.794745	-1.25826	5.79349	3.18419	0.488547	1
cg00371568	TWISTNB	0.0214854	0.289291	0.874397	-1.14365	0.293389	0.875464	-1.14225	0.00197719	1.70462	1.70462	0.61187	1.06443	1.06443	0.373658	1.11788	1.11788	0.0204711	1.40603	1.40603	0.672049	0.949367	-1.05333	0.18264	0.841494	-1.18836	0.0516518	1.31032	1.31032	4.59102	1.08268	0.209623	1
cg26648455	TWISTNB	0.0398293	0.0496683	0.652037	-1.53365	0.266573	0.801657	-1.24742	0.00959058	0.534547	-1.87074	0.359066	0.835182	-1.19734	0.381754	0.842546	-1.18688	0.223531	0.783298	-1.27665	0.0233831	1.67758	1.67758	0.177237	1.31508	1.31508	0.500678	0.877616	-1.13945	3.68894	2.13106	0.513501	1
cg07358372	TWSG1	0.00057096	0.685618	0.950292	-1.05231	0.0167888	1.4414	1.4414	0.0668001	1.29364	1.29364	1.31E-05	0.318233	-3.14235	0.175989	0.835059	-1.19752	0.746142	0.960122	-1.04153	0.0257813	1.39333	1.39333	0.975567	0.996171	-1.00384	0.853782	0.977152	-1.02338	13.773	3.42373	0.220963	1
cg23435746	TWSG1	0.0038978	0.046024	2.43703	2.43703	0.082427	2.11588	2.11588	0.000369361	9.21509	9.21509	0.0425416	2.48386	2.48386	0.988557	0.994429	-1.0056	0.221051	0.605824	-1.65064	0.609272	1.22241	1.22241	0.0114955	3.42691	3.42691	0.00125586	6.26577	6.26577	7.91395	19.0231	2.13666	1
cg03734595	TWSG1	0.00488594	0.00914767	4.84561	4.84561	0.0237625	3.61996	3.61996	0.00133276	9.24282	9.24282	0.0116385	4.49621	4.49621	0.763438	1.15475	1.15475	0.805801	0.889215	-1.12459	0.00109611	9.92689	9.92689	0.00769034	5.11744	5.11744	0.250438	1.77266	1.77266	7.39044	26.5971	3.19898	1
cg25251095	TWSG1	0.00634385	0.0995618	0.626826	-1.59534	0.00618253	0.396944	-2.51925	0.0329945	0.524559	-1.90636	0.0818473	0.607175	-1.64697	0.00755807	0.410976	-2.43323	0.28486	0.750175	-1.33302	0.00321683	2.83024	2.83024	0.230574	1.38465	1.38465	0.579601	0.865203	-1.1558	6.8206	7.23271	0.942597	1
cg18655081	TWSG1	0.0114161	0.318655	0.857614	-1.16603	0.51086	1.1045	1.1045	0.205045	0.819323	-1.22052	0.0333343	0.690285	-1.44868	0.000727184	0.464977	-2.15064	0.0689793	0.738391	-1.3543	0.547436	0.913265	-1.09497	0.111241	1.29506	1.29506	0.0871851	1.32507	1.32507	5.66425	1.99248	0.312679	1
cg24837411	TWSG1	0.0253345	?	?	?	0.472172	0.647421	-1.54459	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.00946371	0.101593	-9.84324	?	?	?	8.37564	9.35065	2.79103	1
cg22067914	TWSG1;TWSG1	0.0163814	0.514362	1.17828	1.17828	0.0745073	0.610813	-1.63716	0.00118386	0.307313	-3.25401	0.686076	1.10607	1.10607	0.124425	0.661835	-1.51095	0.129682	0.6662	-1.50105	0.0285082	1.89887	1.89887	0.42268	1.2253	1.2253	0.478068	0.83615	-1.19596	5.03137	4.90502	0.866566	1
cg24589858	TXK	0.000363019	0.0157648	0.660855	-1.51319	0.00533758	0.598179	-1.67174	0.00155555	0.528949	-1.89054	0.000815984	0.493347	-2.02697	4.31E-05	0.337069	-2.96676	0.936839	0.988965	-1.01116	0.0135804	0.652077	-1.53356	0.009139	1.58979	1.58979	0.67197	1.06145	1.06145	15.6117	4.8471	0.275981	1
cg17984638	TXK	0.00113052	0.00100554	0.136195	-7.34244	0.00130353	0.147776	-6.76699	0.00142877	0.152033	-6.57754	0.027622	0.345216	-2.89673	0.0125131	0.281199	-3.55621	0.00330675	0.195147	-5.12433	0.000899857	0.131442	-7.6079	0.140739	0.52358	-1.90993	0.000377141	0.0982039	-10.1829	11.3634	30.0144	2.34784	1
cg20981615	TXK	0.0146838	0.0227975	0.249052	-4.01523	0.0011014	0.0859044	-11.6408	0.0057941	0.158186	-6.32168	0.175172	0.479231	-2.08668	0.0987592	0.397125	-2.5181	0.0721782	0.359238	-2.78367	0.0221834	0.246878	-4.05058	0.0249498	0.256358	-3.9008	0.306245	0.582508	-1.71671	5.2173	21.5057	3.66401	1
cg05685643	TXK	0.0262349	0.0320931	1.64921	1.64921	0.089633	0.688753	-1.4519	0.00361568	0.456206	-2.19199	0.567847	0.891323	-1.12193	0.285959	1.2471	1.2471	0.694472	1.08184	1.08184	0.0710864	1.49447	1.49447	0.405633	0.844055	-1.18476	0.319813	0.814769	-1.22734	4.28458	2.69442	0.55899	1
cg17841452	TXK	0.0438093	0.42605	0.772574	-1.29437	0.901377	0.961407	-1.04014	0.453633	1.27423	1.27423	0.14368	0.607277	-1.6467	0.00153988	0.235412	-4.24787	0.38182	0.752206	-1.32942	0.843088	1.06494	1.06494	0.526656	0.815744	-1.22588	0.023657	0.424162	-2.35759	3.56103	5.68401	1.41882	1
cg03523740	TXLNA	4.31E-05	2.40E-05	0.348654	-2.86818	0.118194	1.23643	1.23643	0.206838	0.846575	-1.18123	0.000236697	2.14269	2.14269	6.37E-05	0.398386	-2.51013	0.010134	0.666454	-1.50048	0.000701133	1.90887	1.90887	0.00552481	0.633666	-1.57812	0.181897	0.83755	-1.19396	27.6904	6.86424	0.220349	1
cg26917754	TXLNA	4.51E-05	0.000245075	0.436226	-2.29239	0.139394	1.24328	1.24328	0.00461059	0.596835	-1.67551	0.602644	1.07455	1.07455	2.08E-06	0.202249	-4.94441	0.00135512	0.52892	-1.89064	0.000669344	0.490388	-2.0392	0.000657834	0.489445	-2.04313	0.000413839	0.464355	-2.15353	27.3652	8.12219	0.263829	1
cg13785196	TXLNA	0.00471774	0.0199403	0.384799	-2.59876	0.00107442	0.193561	-5.16634	0.820502	0.925648	-1.08032	0.40191	0.747029	-1.33864	0.00313146	0.253268	-3.94839	0.022293	0.394113	-2.53735	0.000734041	0.174775	-5.72165	0.0440439	0.455386	-2.19594	0.0831501	0.520921	-1.91968	7.46971	13.6728	1.62705	1
cg10266188	TXLNA	0.00869943	0.897739	0.967978	-1.03308	0.00128678	3.27934	3.27934	0.00628707	2.46206	2.46206	0.963648	0.98853	-1.0116	0.93891	1.01959	1.01959	0.0183406	0.48457	-2.06368	0.352987	0.785121	-1.27369	0.0508348	1.7562	1.7562	0.217862	1.38836	1.38836	6.17853	6.26977	0.902015	1
cg14023159	TXLNA	0.0230384	0.0219928	1.46582	1.46582	0.976318	1.00414	1.00414	0.00256664	1.7896	1.7896	0.0665732	1.33153	1.33153	0.836002	1.02927	1.02927	0.0412755	1.38773	1.38773	0.166737	1.22777	1.22777	0.0870442	1.30085	1.30085	0.00655671	1.6348	1.6348	4.48228	1.37532	0.272742	1
cg24577131	TXLNB	0.00131194	0.000873382	0.166334	-6.01198	0.000342916	0.126035	-7.93428	0.0200101	0.364745	-2.74164	0.0870132	0.507114	-1.97194	0.0030354	0.232391	-4.30309	?	?	?	0.00364797	0.243445	-4.1077	0.111465	1.86431	1.86431	0.0848093	0.504192	-1.98337	11.1454	20.2555	1.81738	1
cg26577123	TXLNB	0.0101113	0.0134869	0.722946	-1.38323	0.806821	0.974347	-1.02633	0.0431865	0.781348	-1.27984	0.35113	0.903217	-1.10715	0.162272	1.17148	1.17148	0.658531	1.04831	1.04831	0.000898014	1.69426	1.69426	0.188206	0.86251	-1.15941	0.841218	1.02151	1.02151	5.88973	1.04959	0.158407	1
cg10484756	TXLNB	0.0291674	0.0132758	0.579579	-1.72539	0.0929342	0.719941	-1.389	0.0186327	0.602304	-1.66029	0.989477	0.997658	-1.00235	0.00919691	0.555528	-1.80009	0.0180057	0.599985	-1.66671	0.0474825	0.668312	-1.49631	0.212539	0.791842	-1.26288	0.0254906	0.623822	-1.60302	4.12782	2.06571	0.444832	1
cg25386579	TXLNB	0.0400497	0.560808	0.780503	-1.28122	0.00670508	4.40021	4.40021	0.475361	1.35778	1.35778	0.992387	1.00403	1.00403	0.0921766	0.457919	-2.18379	0.192152	1.78912	1.78912	0.108764	2.08977	2.08977	0.011237	3.81278	3.81278	0.385708	1.45456	1.45456	3.68145	10.3521	2.49952	1
cg18953104	TXLNB;TXLNB	0.00626276	0.00286037	0.267236	-3.742	0.00607496	0.316002	-3.16453	0.0640883	0.512169	-1.95248	0.0242377	0.421555	-2.37217	0.0017762	0.239103	-4.1823	0.413604	0.764326	-1.30834	0.0186425	0.399705	-2.50185	0.261818	1.45682	1.45682	0.0160921	0.387866	-2.57821	6.84783	11.2141	1.45566	1
cg04677937	TXN	0.0454684	0.0515483	0.625363	-1.59907	0.025102	1.75832	1.75832	0.659036	1.09863	1.09863	0.335685	1.23403	1.23403	0.476723	0.857905	-1.16563	0.713774	0.924933	-1.08116	0.0278136	0.576516	-1.73456	0.0445699	0.613513	-1.62996	0.133751	0.709943	-1.40856	3.51188	2.49558	0.631656	1
cg24403968	TXN2	0.000938895	0.615339	1.23973	1.23973	?	?	?	?	?	?	0.329873	1.53422	1.53422	0.156613	1.91285	1.91285	0.114587	2.08868	2.08868	?	?	?	0.299644	0.632638	-1.58068	4.86E-05	0.0271506	-36.8317	15.8345	29.3719	2.16409	1
cg06293195	TXN2	0.0010178	0.00345077	0.530774	-1.88404	0.00178536	0.492065	-2.03225	0.023378	0.649149	-1.54048	0.00123121	0.470601	-2.12494	0.000283589	0.388323	-2.57517	0.0215211	0.643778	-1.55333	0.000905517	0.453046	-2.20728	0.129796	0.770257	-1.29827	0.000659379	0.435106	-2.29829	11.7078	4.71742	0.358159	1
cg18522690	TXN2	0.00434545	0.180379	1.29017	1.29017	0.000466662	2.67909	2.67909	0.0023699	2.13653	2.13653	0.0298494	1.58056	1.58056	0.575403	0.903612	-1.10667	0.799172	1.04672	1.04672	0.0698533	0.695534	-1.43774	0.0157109	1.69938	1.69938	0.180419	1.29014	1.29014	7.65842	3.89084	0.451598	1
cg07804122	TXN;TXN	0.0138364	0.817816	1.02825	1.02825	0.00738264	1.51718	1.51718	0.0351105	1.34503	1.34503	0.185626	0.844103	-1.18469	0.741573	0.960827	-1.04077	0.0353659	0.743882	-1.3443	0.00526188	0.64124	-1.55948	0.353484	0.891116	-1.12219	0.439395	0.909166	-1.09991	5.32039	1.22867	0.205277	1
cg08633074	TXNDC11	0.000296739	0.000518762	0.336925	-2.96802	0.363619	0.82894	-1.20636	0.00117947	0.384357	-2.60175	0.00237207	0.426724	-2.34343	2.74E-05	0.189818	-5.2682	0.00130661	0.390448	-2.56116	0.652865	0.913037	-1.09525	0.798956	0.950008	-1.05262	0.000461432	0.330373	-3.02688	16.4994	10.5512	0.568437	1
cg04399632	TXNDC11	0.00144422	0.000513077	0.261904	-3.8182	0.725016	1.09117	1.09117	0.122691	0.661528	-1.51165	0.0186324	0.494292	-2.02309	0.000374038	0.245205	-4.07822	0.0171924	0.488097	-2.04877	0.0171537	0.487924	-2.0495	0.117622	0.657144	-1.52174	0.000338469	0.240046	-4.16587	10.5945	10.2409	0.859227	1
cg23440305	TXNDC11	0.00147341	0.0278194	0.671372	-1.48949	0.000185288	0.379999	-2.63158	0.141467	0.784817	-1.27418	0.398491	1.14165	1.14165	0.000629258	0.446932	-2.23748	0.639294	0.930214	-1.07502	0.137942	0.782863	-1.27736	0.03309	1.46497	1.46497	0.123794	1.29103	1.29103	10.5337	3.9179	0.330615	1
cg09480855	TXNDC11	0.00369575	0.00477888	0.234324	-4.2676	0.00523892	0.240089	-4.16512	0.0637802	0.446068	-2.24181	0.042557	0.404682	-2.47107	0.00505692	0.237859	-4.20417	0.075827	0.465097	-2.15009	0.000503815	0.121623	-8.2221	0.00294221	0.205546	-4.86509	0.00848534	0.272079	-3.6754	8.04158	19.1148	2.11289	1
cg23578235	TXNDC11	0.00853836	0.703115	0.937398	-1.06678	0.543987	0.901505	-1.10926	0.234894	0.810424	-1.23392	0.00296772	1.99057	1.99057	0.196611	1.25922	1.25922	0.0144902	1.66291	1.66291	0.00117141	2.23504	2.23504	0.238816	1.23156	1.23156	0.0490061	1.46148	1.46148	6.21517	2.80567	0.401265	1
cg05036502	TXNDC11	0.0157215	0.062426	0.563248	-1.77542	0.0350439	0.510567	-1.9586	0.168885	0.66949	-1.49367	0.616057	1.14842	1.14842	0.640083	0.87906	-1.13758	0.535138	0.842052	-1.18757	0.00147534	0.284813	-3.51107	0.0213632	2.13195	2.13195	0.6549	1.13105	1.13105	5.10068	6.05248	1.05476	1
cg08460793	TXNDC11	0.0181846	0.325984	0.82631	-1.2102	0.857434	0.966738	-1.03441	0.892346	0.974849	-1.0258	0.423757	0.857535	-1.16613	0.386327	1.18183	1.18183	0.0570971	0.667006	-1.49924	0.898542	1.02429	1.02429	0.00271308	2.17955	2.17955	0.00500571	2.01104	2.01104	4.85842	2.72312	0.498218	1
cg17257944	TXNDC11	0.0383729	0.945525	0.991332	-1.00874	0.137951	1.2257	1.2257	0.19937	1.18858	1.18858	0.80443	0.968885	-1.03211	0.172652	1.20312	1.20312	0.059481	0.7626	-1.3113	0.00863453	0.652715	-1.53206	0.0398938	1.35341	1.35341	0.413262	1.11245	1.11245	3.73974	0.961437	0.228521	1
cg10090861	TXNDC11	0.0384332	0.263656	0.81333	-1.22951	0.00387566	0.501679	-1.99331	0.146039	1.3188	1.3188	0.694598	1.07248	1.07248	0.494009	0.884124	-1.13106	0.27781	0.818633	-1.22155	0.0256342	1.60016	1.60016	0.820771	0.960561	-1.04106	0.282161	0.820226	-1.21918	3.7376	1.86124	0.442647	1
cg03160895	TXNDC12	5.51E-06	8.22E-07	0.201262	-4.96866	2.99E-05	0.370208	-2.70118	0.000298306	0.488778	-2.04592	0.235351	0.859625	-1.1633	0.234006	0.859215	-1.16385	9.10E-05	0.427145	-2.34113	5.56E-06	0.287301	-3.48067	0.770911	0.965113	-1.03615	4.04E-06	0.27222	-3.67349	47.3366	11.0892	0.208233	1
ch.1.1540554F	TXNDC12	0.0149933	0.027924	0.249322	-4.01087	0.012369	0.18915	-5.2868	0.00182058	0.0935126	-10.6938	0.0232333	0.234414	-4.26595	0.00651311	0.150969	-6.62388	0.149767	0.437905	-2.2836	0.0224038	0.231565	-4.31844	0.464683	0.671719	-1.48872	0.306803	0.567942	-1.76074	5.18146	23.4645	4.02538	1
cg26010095	TXNDC12;BTF3L4;BTF3L4;BTF3L4	0.00210035	0.257341	1.53011	1.53011	0.885995	1.05297	1.05297	0.382585	1.38014	1.38014	0.197392	0.612449	-1.63279	2.81E-05	0.0515211	-19.4095	0.438736	1.32867	1.32867	0.318683	1.44893	1.44893	0.289018	0.672996	-1.48589	0.577037	0.816499	-1.22474	9.5052	19.4899	1.82262	1
cg27168976	TXNDC12;BTF3L4;BTF3L4;BTF3L4	0.0436575	0.00472032	0.630407	-1.58628	0.251669	1.15857	1.15857	0.0897276	1.25848	1.25848	0.237799	1.16415	1.16415	0.283727	1.14669	1.14669	0.149109	0.826836	-1.20943	0.648033	1.05811	1.05811	0.120447	1.23	1.23	0.747959	0.96115	-1.04042	3.56565	0.853063	0.212662	1
cg19894943	TXNDC12;KTI12	2.68E-05	0.0903885	0.678862	-1.47305	0.549913	1.1338	1.1338	0.00246082	2.39707	2.39707	4.67E-07	0.0526591	-18.9901	0.0845451	0.672979	-1.48593	0.121131	0.705475	-1.41749	0.192202	1.33181	1.33181	0.0211436	1.77795	1.77795	0.0679154	1.52873	1.52873	31.3857	21.4188	0.606612	1
cg07918569	TXNDC12;KTI12	0.00169297	0.00023693	0.100612	-9.93915	0.526218	1.27399	1.27399	0.282239	1.52401	1.52401	0.000320829	0.111311	-8.98386	0.0990134	1.97777	1.97777	0.187376	1.69364	1.69364	0.402254	0.723801	-1.38159	0.931999	1.0327	1.0327	0.350376	1.43684	1.43684	10.1199	22.7884	2.00163	1
cg12688215	TXNDC12;KTI12	0.00353713	0.362145	0.740019	-1.35132	0.0866362	1.83739	1.83739	0.174863	1.59016	1.59016	0.806739	1.08197	1.08197	0.00758632	0.331603	-3.01566	0.000241913	0.14204	-7.04029	0.651406	1.15742	1.15742	0.0145235	0.379917	-2.63215	0.0495585	0.486656	-2.05484	8.14803	13.3332	1.45455	1
cg17076592	TXNDC12;KTI12	0.00823288	0.0501472	0.385111	-2.59666	0.000373987	0.0879306	-11.3726	0.139937	0.50733	-1.9711	0.34433	0.659547	-1.51619	0.00975698	0.247471	-4.04088	0.49797	0.745298	-1.34174	0.00332229	0.181187	-5.51915	0.107806	0.47246	-2.11658	0.0625778	0.40843	-2.4484	6.28707	18.1791	2.57023	1
cg00691240	TXNDC12;KTI12	0.0187339	0.175417	0.375654	-2.66203	0.182332	0.382228	-2.61624	0.130433	0.329602	-3.03396	0.127579	0.326442	-3.06333	0.00581051	0.0858875	-11.6431	0.09118	0.282471	-3.54019	0.00360501	0.0687291	-14.5499	0.00759158	0.096998	-10.3095	0.00927082	0.106089	-9.42601	4.80993	35.1718	6.49986	1
cg10605904	TXNDC12;KTI12	0.0302811	0.285202	0.871033	-1.14806	0.851365	0.976937	-1.02361	0.0751181	1.27956	1.27956	0.16847	0.833152	-1.20026	0.0140774	0.685912	-1.45791	0.45469	0.909624	-1.09936	0.00271184	0.597379	-1.67398	0.455291	0.909743	-1.09921	0.50685	1.08738	1.08738	4.07331	0.998166	0.217823	1
cg19751897	TXNDC12;TXNDC12;BTF3L4;BTF3L4;BTF3L4	0.0246262	0.466572	0.900067	-1.11103	0.805589	1.03566	1.03566	0.944277	0.990116	-1.00998	0.0261851	0.687386	-1.45479	0.00550668	0.595386	-1.67958	0.0132601	0.646507	-1.54677	0.0108126	0.634496	-1.57605	0.560217	0.919701	-1.08731	0.283553	1.17155	1.17155	4.38011	1.40093	0.284301	1
cg14069412	TXNDC15	0.000695823	0.0092388	0.335502	-2.98061	0.00904292	2.9945	2.9945	0.0148769	0.37152	-2.69165	0.158287	1.64634	1.64634	0.0002184	0.130364	-7.67082	0.303165	0.702897	-1.42268	0.000324388	0.146403	-6.83048	0.0132675	0.362668	-2.7578	0.0362733	0.447219	-2.23604	13.0328	22.5528	1.5382	1
cg12902357	TXNDC15	0.00233274	0.496933	1.07605	1.07605	0.000276454	0.531209	-1.8825	0.688502	0.95808	-1.04375	0.0326791	1.30422	1.30422	0.0125544	1.39084	1.39084	0.00334224	1.52867	1.52867	0.153107	0.849947	-1.17654	0.950947	0.993484	-1.00656	0.548574	1.06663	1.06663	9.21771	1.6486	0.158979	1
cg21247757	TXNDC15	0.0103319	0.44732	0.838717	-1.1923	0.000302068	0.26338	-3.7968	0.455098	0.841329	-1.1886	0.219733	0.745978	-1.34052	0.149491	1.42043	1.42043	0.0731693	1.57426	1.57426	0.331709	1.25536	1.25536	0.894577	0.97034	-1.03057	0.500185	1.16814	1.16814	5.84914	4.7774	0.726018	1
cg17203840	TXNDC15	0.0159577	0.987122	0.99529	-1.00473	0.0915028	0.580684	-1.72211	0.661961	0.879253	-1.13733	0.175038	1.52484	1.52484	0.060817	0.538927	-1.85554	0.647571	1.14411	1.14411	0.000413717	0.194148	-5.15072	0.945814	0.980315	-1.02008	0.679962	1.129	1.129	5.07546	6.87748	1.20449	1
cg00046537	TXNDC15	0.0398037	0.0737056	0.787853	-1.26927	0.244049	1.15692	1.15692	0.873368	0.981104	-1.01926	0.0649851	1.28124	1.28124	0.408928	1.10629	1.10629	0.0623106	0.778057	-1.28525	0.00794733	0.665631	-1.50233	0.571281	0.933861	-1.07082	0.215045	1.16893	1.16893	3.68981	0.835895	0.20137	1
cg22197830	TXNDC15;TXNDC15	0.000868242	0.0034176	0.29363	-3.40564	0.53121	1.21578	1.21578	0.028946	0.452361	-2.21063	0.729487	1.11287	1.11287	0.00029584	0.162769	-6.14368	0.0153311	0.399779	-2.50138	0.000122792	0.126903	-7.88005	0.00161201	0.248331	-4.02688	0.18381	0.647674	-1.54399	12.2463	18.4056	1.33595	1
cg23080241	TXNDC15;TXNDC15	0.0199481	0.551649	0.880807	-1.13532	0.770301	1.06364	1.06364	0.0144872	1.88673	1.88673	0.251834	0.777031	-1.28695	0.0514987	0.626787	-1.59544	0.00266812	0.416736	-2.3996	0.270713	0.785319	-1.27337	0.265264	1.27719	1.27719	0.156592	0.726638	-1.3762	4.70872	3.31193	0.62521	1
cg26984049	TXNDC16;GPR137C;TXNDC16	0.00226671	0.0121443	1.61127	1.61127	0.569969	1.09157	1.09157	0.764846	1.04684	1.04684	0.00481294	1.76973	1.76973	7.89E-05	2.97183	2.97183	0.0122474	1.60993	1.60993	0.644292	0.93151	-1.07353	0.285182	0.844172	-1.18459	0.156078	1.26056	1.26056	9.29563	3.42834	0.327833	1
cg13224855	TXNDC16;TXNDC16	0.000170887	0.0480884	1.28065	1.28065	0.728357	0.962543	-1.03891	2.65E-05	0.402635	-2.48364	0.217851	0.867678	-1.1525	0.000302306	0.525617	-1.90253	0.963326	0.994978	-1.00505	4.23E-05	0.426217	-2.34622	0.469259	0.922548	-1.08395	0.0126517	0.712216	-1.40407	19.1704	3.63987	0.168773	1
cg05315276	TXNDC16;TXNDC16	0.00194925	0.716587	0.949848	-1.0528	0.000431916	0.455785	-2.19402	0.0525534	0.732659	-1.36489	0.328259	0.867261	-1.15306	0.0478728	1.37609	1.37609	0.451597	1.11432	1.11432	0.00124647	1.94567	1.94567	0.0310235	1.4295	1.4295	0.111076	1.2776	1.2776	9.71433	3.06449	0.280409	1
cg18127966	TXNDC16;TXNDC16;GPR137C	0.00068888	0.808945	1.00787	1.00787	1.78E-05	1.32835	1.32835	0.44187	0.974937	-1.02571	0.0410499	1.0793	1.0793	0.274861	1.03746	1.03746	0.0125536	1.10571	1.10571	0.972789	0.998897	-1.0011	0.00360551	1.13604	1.13604	0.00182619	1.15415	1.15415	13.0694	0.216859	0.0147492	1
cg06861087	TXNDC16;TXNDC16;TXNDC16;TXNDC16;GPR137C	0.0167132	0.991528	0.997093	-1.00292	0.914903	1.02975	1.02975	0.421497	0.798368	-1.25256	0.230106	0.708016	-1.4124	0.000609637	0.234982	-4.25565	0.577927	1.16666	1.16666	?	?	?	0.0129438	0.429144	-2.33022	0.948557	1.01785	1.01785	5.09122	5.39015	1.05871	1
cg09605893	TXNDC17;KIAA0753	9.74E-05	0.0471023	0.677905	-1.47513	0.0926104	1.37251	1.37251	0.0338447	1.52791	1.52791	0.00944918	0.569631	-1.75552	6.91E-06	0.181879	-5.49817	0.0412275	0.668377	-1.49616	0.00401796	1.93729	1.93729	0.00175002	2.14516	2.14516	0.0502107	1.46515	1.46515	22.2955	10.3367	0.412108	1
cg04181614	TXNDC17;KIAA0753;TXNDC17	0.024465	0.813184	1.03305	1.03305	0.00793	1.59617	1.59617	0.489904	0.908165	-1.10112	0.500353	0.910326	-1.09851	0.933696	1.01149	1.01149	0.463402	0.902572	-1.10794	0.0125228	1.53205	1.53205	0.0108194	0.644285	-1.55211	0.540818	0.918482	-1.08875	4.3901	1.31154	0.265554	1
cg23551722	TXNDC17;MED31	0.0143289	0.178911	0.624113	-1.60227	0.409223	0.756801	-1.32135	0.113186	1.76677	1.76677	0.169397	1.62142	1.62142	0.0584906	0.493742	-2.02535	0.0240197	0.411167	-2.4321	0.0102011	0.343211	-2.91366	0.0107606	2.88039	2.88039	0.352482	0.729147	-1.37147	5.25954	9.0795	1.53448	1
cg18129971	TXNDC2;TXNDC2;TXNDC2	0.00126597	0.0047827	0.695406	-1.43801	0.218963	1.13361	1.13361	0.349119	0.910743	-1.098	0.0143154	0.746061	-1.34037	0.000223977	0.551196	-1.81424	0.167413	1.15344	1.15344	0.0071693	1.40038	1.40038	0.731779	0.967177	-1.03394	0.00534676	0.700554	-1.42744	11.0023	1.63948	0.132456	1
cg02711020	TXNDC2;TXNDC2;TXNDC2	0.00232545	0.55587	1.14369	1.14369	0.00331147	0.405946	-2.46338	0.373992	0.814104	-1.22834	0.471127	0.84771	-1.17965	0.00070383	0.31225	-3.20257	0.756403	1.07265	1.07265	0.00096377	0.330311	-3.02745	0.688883	1.09495	1.09495	0.00136924	0.351061	-2.84851	9.22617	7.42202	0.715069	1
cg20794690	TXNDC2;TXNDC2;TXNDC2	0.0413584	0.703175	0.91459	-1.09339	0.21793	0.739154	-1.3529	0.00951397	0.464858	-2.15119	0.0723883	0.626526	-1.5961	0.00918714	0.462381	-2.16272	0.792483	0.940363	-1.06342	0.0811578	0.637051	-1.56973	0.455428	0.837538	-1.19398	0.0092441	0.462818	-2.16068	3.63801	3.13355	0.765633	1
cg05547500	TXNDC2;TXNDC2;TXNDC2;TXNDC2;TXNDC2	0.00962614	0.109436	0.803543	-1.24449	0.00790205	0.652482	-1.53261	0.43564	0.905131	-1.10481	0.0931468	1.26046	1.26046	0.559597	1.07674	1.07674	0.281976	1.15041	1.15041	0.00106568	1.83337	1.83337	0.127572	1.22935	1.22935	0.924703	0.988223	-1.01192	5.98298	1.48822	0.221104	1
cg07560446	TXNDC3	0.000332887	0.0300062	1.25498	1.25498	0.0111571	1.32712	1.32712	0.158364	0.874445	-1.14358	0.901204	1.01111	1.01111	0.00248074	0.687839	-1.45383	0.000111396	0.546289	-1.83053	0.00147625	0.664849	-1.5041	0.911463	1.00995	1.00995	0.000325895	0.596417	-1.67668	15.9878	2.00444	0.111443	1
cg27518977	TXNDC3	0.0024877	0.372551	1.44433	1.44433	0.00909668	0.264227	-3.78462	0.109554	0.496273	-2.01502	0.0596327	0.425863	-2.34817	0.00139343	0.155678	-6.4235	0.979133	0.989551	-1.01056	0.000220565	0.0844374	-11.8431	0.0637764	0.433068	-2.30911	0.00370401	0.207025	-4.83034	9.04516	23.1038	2.27047	1
cg12099032	TXNDC3	0.0047444	0.317352	0.650239	-1.5379	0.237556	0.59736	-1.67403	0.00231651	0.17	-5.88236	0.549458	0.777088	-1.28686	0.00610351	0.225255	-4.43941	0.302938	0.641242	-1.55947	0.000280324	0.0842669	-11.8671	0.683797	0.843229	-1.18592	0.00687738	0.232891	-4.29385	7.45691	20.4788	2.44114	1
cg24998770	TXNDC3	0.00657715	0.255409	0.838916	-1.19201	0.946287	0.990083	-1.01002	0.00696395	0.596646	-1.67604	0.866067	0.975338	-1.02529	0.000747942	0.469177	-2.13139	0.0964819	0.763407	-1.30992	0.0801849	1.33262	1.33262	0.0682067	0.739277	-1.35267	0.0048758	0.575767	-1.73681	6.74462	2.33762	0.30808	1
cg03659153	TXNDC3	0.00664699	0.0648719	0.336118	-2.97515	0.725032	0.830509	-1.20408	0.00906913	0.174834	-5.71971	0.0321872	0.267298	-3.74114	0.215876	0.504116	-1.98367	0.015502	0.209832	-4.76572	0.000269943	0.0432117	-23.1419	0.345083	0.599654	-1.66763	0.00861548	0.171758	-5.82214	6.72253	29.4449	3.89337	1
cg05088704	TXNDC3	0.0219532	0.0245021	0.399076	-2.50579	0.36668	0.727655	-1.37428	0.0125748	0.345089	-2.89781	0.202405	0.630408	-1.58627	0.0275679	0.409313	-2.44312	0.770471	1.1055	1.1055	0.00124556	0.198489	-5.03807	0.703943	0.877317	-1.13984	0.365825	0.727219	-1.3751	4.55727	8.48292	1.65458	1
cg15028436	TXNDC3	0.0332437	0.89273	1.02026	1.02026	0.248636	1.19633	1.19633	0.00894534	0.610011	-1.63931	0.476645	1.11357	1.11357	0.379903	0.874684	-1.14327	0.687405	1.06197	1.06197	0.00696536	1.68019	1.68019	0.0820525	0.75097	-1.33161	0.802948	0.963516	-1.03786	3.93962	1.37867	0.311066	1
cg11932205	TXNDC3;TXNDC3	0.0288979	0.908217	1.04134	1.04134	0.390666	0.734208	-1.36201	0.10402	0.535605	-1.86705	0.00454144	0.265015	-3.77337	0.774528	1.10615	1.10615	0.595579	0.828475	-1.20704	0.00198557	0.215626	-4.63766	0.101766	0.533007	-1.87615	0.269452	0.667666	-1.49775	4.14139	8.0931	1.73706	1
cg01845244	TXNDC5;TXNDC5	0.000770197	0.572403	1.12008	1.12008	0.116171	0.712189	-1.40412	0.300461	0.807917	-1.23775	0.110209	0.707465	-1.4135	0.484043	0.86816	-1.15186	8.10E-06	0.143877	-6.95038	0.699064	0.925683	-1.08028	0.36781	1.20189	1.20189	0.0207106	0.574819	-1.73968	12.6666	7.92789	0.556345	1
cg22986947	TXNDC5;TXNDC5	0.00098159	0.00282824	0.548838	-1.82203	0.00308386	0.553781	-1.80577	0.00221532	0.534939	-1.86937	0.371804	1.14316	1.14316	0.103155	0.770966	-1.29707	0.00617473	0.593853	-1.68392	9.76E-05	0.364052	-2.74686	0.277805	1.179	1.179	0.0151539	0.647044	-1.54549	11.8287	3.98824	0.299704	1
cg01210679	TXNDC5;TXNDC5	0.00344567	0.886452	0.970269	-1.03064	0.00819112	0.489359	-2.04349	0.0104134	0.505911	-1.97663	0.00474979	0.452903	-2.20798	0.000846106	0.346498	-2.88602	0.00151234	0.380872	-2.62555	0.00430702	0.446511	-2.23958	0.608142	0.896514	-1.11543	0.588422	0.891005	-1.12233	8.21215	5.80346	0.628171	1
cg21537915	TXNDC5;TXNDC5	0.0193614	0.605826	1.07456	1.07456	0.310687	0.865105	-1.15593	0.0466514	0.730005	-1.36985	0.663694	1.0623	1.0623	0.0392391	0.719246	-1.39034	0.00518074	0.600614	-1.66496	0.0477028	0.731402	-1.36724	0.172845	1.22189	1.22189	0.00746508	0.621348	-1.6094	4.75664	1.43764	0.268657	1
cg09408718	TXNDC5;TXNDC5	0.0194462	0.159032	0.656251	-1.52381	0.934749	1.02318	1.02318	0.680462	1.12287	1.12287	0.423503	0.795523	-1.25703	0.764601	0.919397	-1.08767	0.00122752	0.266323	-3.75484	0.022624	2.14653	2.14653	0.927846	0.974973	-1.02567	0.0921468	1.67998	1.67998	4.7496	5.89067	1.10244	1
cg22868386	TXNDC5;TXNDC5	0.036241	0.192937	0.83957	-1.19109	0.00837658	0.652141	-1.53341	0.615873	0.937819	-1.0663	0.00998881	0.661774	-1.51109	0.0225924	0.707136	-1.41416	0.36635	1.125	1.125	0.411355	1.1125	1.1125	0.572464	1.07507	1.07507	0.301347	0.872927	-1.14557	3.81857	0.974086	0.226749	1
cg01897323	TXNDC6	0.00571386	0.128813	0.798544	-1.25228	0.306824	1.15604	1.15604	0.0359938	1.39699	1.39699	0.753864	0.957806	-1.04405	0.0139363	0.659491	-1.51632	0.00983272	0.63939	-1.56399	0.00144929	0.532218	-1.87893	0.0386808	0.720233	-1.38844	0.0144942	0.66177	-1.5111	7.04446	2.09576	0.264448	1
cg07726187	TXNDC6	0.015394	0.408801	1.16864	1.16864	0.202107	0.780014	-1.28203	0.000863833	2.51566	2.51566	0.289725	0.816518	-1.22471	0.343384	1.19728	1.19728	0.0283898	1.61165	1.61165	0.431757	0.862421	-1.15953	0.876907	1.02901	1.02901	0.0314801	1.59259	1.59259	5.13642	2.76813	0.479043	1
cg27619454	TXNDC6	0.0327928	0.195643	0.638873	-1.56526	0.810042	1.08203	1.08203	0.36993	1.35181	1.35181	0.606128	1.18563	1.18563	0.811071	1.08156	1.08156	0.388238	0.74863	-1.33577	0.000766193	0.18853	-5.30421	0.312031	1.40831	1.40831	0.761163	1.10496	1.10496	3.959	6.72049	1.50891	1
cg13429733	TXNDC8	0.000329056	0.264197	1.26408	1.26408	0.0107986	1.90559	1.90559	0.000260738	0.29845	-3.35064	0.000212982	0.287725	-3.47554	0.502972	0.872073	-1.14669	0.00285691	0.43756	-2.2854	0.00164378	0.403482	-2.47842	0.0121035	1.87742	1.87742	0.220816	0.77168	-1.29587	16.0387	10.2998	0.570831	1
cg05154454	TXNDC8	0.00690442	0.109228	0.504973	-1.98031	0.346572	0.684414	-1.4611	0.0104097	0.283079	-3.53258	0.0215116	0.339503	-2.94548	0.000478498	0.117147	-8.5363	0.710366	0.864217	-1.15712	0.00205283	0.182846	-5.46909	0.230038	0.611003	-1.63665	0.0292644	0.36614	-2.73119	6.64352	16.1031	2.15456	1
cg01939872	TXNDC9	0.00140195	0.635949	0.895642	-1.11652	0.0933831	0.652757	-1.53196	0.0556552	0.605794	-1.65073	0.00353407	0.400912	-2.49432	2.18E-05	0.139135	-7.18725	0.707515	1.09102	1.09102	0.0216233	0.528618	-1.89172	0.447459	0.836145	-1.19597	0.213758	0.738908	-1.35335	10.6853	9.04069	0.75208	1
cg06248741	TXNDC9;EIF5B	0.00137518	0.106415	0.70892	-1.4106	0.61659	1.10351	1.10351	0.000200435	0.29584	-3.3802	0.438475	1.16672	1.16672	0.00115992	0.394156	-2.53707	0.272685	1.24953	1.24953	0.00061233	0.35709	-2.80042	0.298253	0.810269	-1.23416	0.608228	1.10615	1.10615	10.7445	6.47897	0.536001	1
cg10537847	TXNDC9;EIF5B	0.00474782	0.0154655	0.542194	-1.84436	0.315537	0.807477	-1.23842	0.0820445	0.672326	-1.48737	0.194269	0.753541	-1.32707	0.00100544	0.36569	-2.73456	0.0566654	0.641121	-1.55977	0.000266086	0.291238	-3.43362	0.255715	0.783105	-1.27697	0.664507	1.09408	1.09408	7.45528	5.01342	0.597748	1
cg13984512	TXNIP	0.00467047	0.540236	1.05379	1.05379	0.0428857	1.21763	1.21763	0.0418528	1.21919	1.21919	0.641781	0.961186	-1.04038	0.225342	0.897991	-1.1136	0.0838911	1.17542	1.17542	0.000195572	0.589009	-1.69777	0.334694	0.91937	-1.0877	0.612547	0.957765	-1.0441	7.49262	0.847246	0.100513	1
cg13305883	TXNIP	0.0345358	0.632379	0.933722	-1.07098	0.221354	0.832846	-1.2007	0.276018	0.851099	-1.17495	0.700258	1.05658	1.05658	0.991878	1.00145	1.00145	0.0650872	0.744756	-1.34272	0.000969455	0.497242	-2.0111	0.074805	0.754004	-1.32625	0.523607	1.09633	1.09633	3.88585	1.24594	0.285008	1
cg17745163	TXNIP	0.0403789	0.0610158	1.42663	1.42663	0.0270225	0.643652	-1.55363	0.329235	0.844127	-1.18466	0.090454	1.36881	1.36881	0.309258	1.19373	1.19373	0.157334	0.775317	-1.2898	0.0288219	0.648034	-1.54313	0.167485	1.28096	1.28096	0.997887	1.00045	1.00045	3.67036	1.64628	0.398696	1
cg22619763	TXNIP;TXNIP	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0	0.843859	1
cg18319916	TXNL1;TXNL1	6.12E-06	0.734836	0.931269	-1.0738	0.271256	1.27113	1.27113	0.0295841	1.71007	1.71007	0.451814	0.851663	-1.17417	0.0544536	0.633142	-1.57942	0.656381	1.09833	1.09833	5.20E-08	0.0195297	-51.204	0.541209	1.13832	1.13832	0.939564	1.01601	1.01601	46.0629	32.0075	0.617657	1
cg00152799	TXNL1;TXNL1	0.000292694	0.000548548	5.23623	5.23623	0.00197419	0.259648	-3.85136	0.106766	0.580923	-1.7214	0.219135	0.671262	-1.48973	0.000359707	0.17114	-5.84317	0.000756252	0.206981	-4.83135	0.000522849	0.188653	-5.30073	0.00531164	0.322063	-3.10498	0.121432	0.595769	-1.6785	16.5615	24.9526	1.33926	1
cg24431033	TXNL1;TXNL1	0.000430393	0.0424631	1.95453	1.95453	7.88E-05	0.129049	-7.74902	0.00608336	0.357982	-2.79344	0.166436	1.52681	1.52681	0.472543	0.810938	-1.23314	0.000144756	0.153047	-6.53392	0.0779151	1.75396	1.75396	0.0367496	0.498619	-2.00554	0.704312	1.11556	1.11556	14.8961	19.4076	1.15811	1
cg18434998	TXNL1;TXNL1	0.0187855	0.361417	1.18894	1.18894	0.725036	1.06731	1.06731	0.719114	1.06889	1.06889	0.67427	1.0811	1.0811	0.0588762	0.674644	-1.48226	0.3922	0.850696	-1.17551	0.000370806	0.349605	-2.86037	0.605706	0.908412	-1.10082	0.958099	1.00974	1.00974	4.80546	2.58979	0.479045	1
cg10323240	TXNL1;TXNL1	0.0382039	0.257084	1.20957	1.20957	0.00354911	1.88824	1.88824	0.431465	1.13787	1.13787	0.806999	1.04016	1.04016	0.628105	0.924484	-1.08168	0.290712	0.838301	-1.19289	0.353343	0.857601	-1.16604	0.0506168	0.698858	-1.43091	0.0692601	1.38673	1.38673	3.7458	1.5351	0.364283	1
cg19644162	TXNL4A	0.00282679	0.378046	1.10268	1.10268	0.551423	1.06729	1.06729	0.0227962	1.34244	1.34244	0.754263	0.966633	-1.03452	0.0895238	1.22423	1.22423	0.309852	1.12027	1.12027	0.000139361	0.491076	-2.03635	0.431787	1.09058	1.09058	0.0114374	1.4078	1.4078	8.71038	1.61129	0.164431	1
cg02955504	TXNL4A	0.0122928	0.840231	0.945938	-1.05715	0.117268	1.59754	1.59754	0.562203	0.850996	-1.17509	0.0603285	1.79192	1.79192	0.00811728	0.393297	-2.54261	0.0623375	0.561199	-1.7819	0.673147	1.12392	1.12392	0.00240445	0.312161	-3.20347	0.0673691	0.568714	-1.75835	5.53003	6.63995	1.0673	1
cg17260058	TXNL4A	0.0309276	0.938664	1.00977	1.00977	0.0239893	0.711753	-1.40498	0.184898	0.837314	-1.19429	0.909517	1.01446	1.01446	0.0208253	1.42087	1.42087	0.249887	1.16397	1.16397	0.0112665	1.49311	1.49311	0.148572	0.822298	-1.2161	0.798312	1.03286	1.03286	4.0428	1.02092	0.22447	1
cg16586261	TXNL4B;DHX38;TXNL4B;TXNL4B	0.00028223	0.024744	0.653904	-1.52928	3.26E-05	0.277208	-3.6074	0.0125389	0.610523	-1.63794	0.0209535	1.55491	1.55491	0.059995	0.713791	-1.40097	0.000289882	0.39091	-2.55813	0.170556	0.793025	-1.261	0.738794	1.05462	1.05462	0.00787672	1.71895	1.71895	16.7272	6.6891	0.355462	1
cg00260883	TXNL4B;DHX38;TXNL4B;TXNL4B	0.0089964	0.0515753	1.44976	1.44976	0.570907	0.908469	-1.10075	0.198362	1.25589	1.25589	0.00542125	1.84669	1.84669	0.0190215	0.621344	-1.60942	0.626776	1.08561	1.08561	0.00355777	0.515795	-1.93875	0.447718	0.878361	-1.13848	0.231071	1.23438	1.23438	6.11315	2.72007	0.395515	1
cg17514851	TXNL4B;DHX38;TXNL4B;TXNL4B	0.029605	0.00149664	0.348203	-2.87189	0.682121	1.09956	1.09956	0.409152	1.21476	1.21476	0.118809	0.676927	-1.47727	0.0667943	0.622742	-1.6058	0.219116	0.742413	-1.34696	0.0662859	0.62206	-1.60756	0.514557	1.16453	1.16453	0.480949	1.17952	1.17952	4.1061	3.45409	0.747743	1
cg26831730	TXNL4B;DHX38;TXNL4B;TXNL4B	0.0480755	0.0989326	0.375771	-2.66119	0.0163781	0.204451	-4.89114	0.0592923	0.316023	-3.16433	0.348089	0.592941	-1.68651	0.873964	1.08968	1.08968	0.0749207	0.341941	-2.92448	0.00435353	0.127316	-7.8545	0.0908685	0.365045	-2.73939	0.105273	0.383835	-2.60529	3.43893	15.9423	4.12074	1
cg03578541	TXNL4B;TXNL4B;DHX38;TXNL4B	0.0139728	0.0146846	0.677546	-1.47591	0.487516	1.09572	1.09572	0.0020503	1.75589	1.75589	0.0543024	0.753513	-1.32712	0.138592	1.22952	1.22952	0.807206	1.03219	1.03219	0.176524	0.83011	-1.20466	0.126361	1.23901	1.23901	0.835213	1.02736	1.02736	5.30327	1.41062	0.236436	1
cg07956936	TXNL4B;TXNL4B;DHX38;TXNL4B;TXNL4B	0.0491712	0.335173	0.911811	-1.09672	0.0279639	1.27279	1.27279	0.142634	1.15764	1.15764	0.420442	1.07946	1.07946	0.375895	1.08808	1.08808	0.532188	1.06054	1.06054	0.0675018	0.82672	-1.2096	0.101994	0.846822	-1.18089	0.0221275	1.29028	1.29028	3.40971	0.465979	0.121478	1
cg08067023	TXNL4B;TXNL4B;TXNL4B	0.0075352	0.208219	0.569135	-1.75705	0.785539	1.12284	1.12284	0.0303609	2.94839	2.94839	0.913238	0.954756	-1.04739	0.702799	1.17686	1.17686	0.0132505	0.271433	-3.68416	0.000565672	0.103365	-9.67442	0.540748	0.7687	-1.3009	0.0191424	0.299888	-3.33458	6.46452	18.4758	2.54047	1
cg20324369	TXNRD1	2.09E-05	0.00204137	0.485744	-2.0587	0.0985459	0.740155	-1.35107	0.000216275	0.358708	-2.78778	8.25E-05	0.307877	-3.24805	0.000700222	0.423799	-2.35961	8.34E-05	0.308435	-3.24218	7.44E-07	0.108869	-9.18536	0.933724	1.01391	1.01391	0.000449227	0.398833	-2.50732	33.485	14.6305	0.388381	1
cg02340615	TXNRD1	0.00036114	0.000586858	0.142206	-7.03207	0.00767208	0.284188	-3.5188	0.00106866	0.169465	-5.90091	0.234108	0.632562	-1.58087	3.43E-05	0.0526748	-18.9844	0.000951368	0.163923	-6.10042	0.00122327	0.176065	-5.67971	0.0855363	0.497662	-2.0094	0.000731421	0.151845	-6.58565	15.634	33.3803	1.89787	1
cg14802400	TXNRD1	0.000406982	0.00191428	0.499996	-2.00002	0.839298	1.03255	1.03255	0.000255763	0.386798	-2.58533	0.557469	1.09809	1.09809	3.81E-05	0.287532	-3.47788	0.459105	0.887897	-1.12626	0.00431171	0.547744	-1.82567	0.0678565	0.724263	-1.38071	0.000941873	0.459279	-2.17733	15.1278	5.96089	0.350253	1
cg15459780	TXNRD1	0.00835007	0.0185758	14.2438	14.2438	0.0227258	12.6522	12.6522	0.169527	3.90389	3.90389	0.0635151	6.9714	6.9714	0.00739351	24.8279	24.8279	0.0124224	18.0968	18.0968	0.00124742	80.5449	80.5449	0.00436267	34.6137	34.6137	0.0210927	13.2176	13.2176	6.2591	85.8668	12.1944	1
cg25684105	TXNRD1	0.00946121	0.493202	0.844042	-1.18477	0.261894	0.75198	-1.32982	0.00755035	0.432806	-2.3105	0.000598188	0.275131	-3.63463	0.0303664	0.53787	-1.85918	0.0833799	0.626895	-1.59516	0.00521853	0.407401	-2.45459	0.18756	0.711562	-1.40536	0.0227885	0.51481	-1.94246	6.01603	5.6563	0.835738	1
cg26861960	TXNRD1	0.0153608	0.326505	1.32409	1.32409	0.00623074	0.372285	-2.68611	0.0014102	0.277765	-3.60016	0.810773	0.935689	-1.06873	0.0811654	0.585198	-1.70882	0.0894459	0.595158	-1.68023	0.312109	1.33613	1.33613	0.382819	0.780348	-1.28148	0.0608349	0.556759	-1.79611	5.1401	6.2519	1.08116	1
cg05741937	TXNRD1	0.0172135	0.0236441	13.6014	13.6014	0.105144	5.53193	5.53193	0.0938614	5.92823	5.92823	0.264829	3.07308	3.07308	0.023718	13.5756	13.5756	0.0327524	11.1701	11.1701	0.00183868	71.8106	71.8106	0.00714063	28.6846	28.6846	0.0223728	14.0658	14.0658	4.94877	73.1467	13.1385	1
cg04125099	TXNRD1	0.0227062	0.0311332	2.6238	2.6238	0.23617	1.60537	1.60537	0.70915	1.15359	1.15359	0.374736	1.4154	1.4154	0.0313139	2.62019	2.62019	0.0122549	3.28637	3.28637	0.00180482	5.43202	5.43202	0.0155481	3.10031	3.10031	0.226199	1.6235	1.6235	4.50476	10.3743	2.04709	1
cg03010761	TXNRD1	0.0244008	0.117096	0.403055	-2.48105	0.056842	0.316466	-3.1599	0.0486539	0.300561	-3.32711	0.0667747	0.333846	-2.9954	0.0698723	0.338918	-2.95057	0.454122	0.66563	-1.50234	0.000839563	0.0684547	-14.6082	0.452374	0.664541	-1.5048	0.0262603	0.244852	-4.0841	4.3941	19.8293	4.0113	1
cg27205904	TXNRD1;TXNRD1;TXNRD1;EID3;TXNRD1;TXNRD1	0.0232435	0.119125	3.94306	3.94306	0.974084	0.973993	-1.0267	0.235519	0.36479	-2.74131	0.170116	3.27125	3.27125	0.0683151	0.190979	-5.23619	0.0242296	0.113136	-8.83895	0.225794	0.356372	-2.80606	0.0179577	10.3038	10.3038	0.0323522	7.6331	7.6331	4.4686	46.5657	9.2628	1
cg03331715	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.000365264	0.0885228	0.750415	-1.3326	0.0889152	0.750733	-1.33203	0.0172476	0.641905	-1.55786	0.811877	0.964222	-1.03711	0.0038581	0.551613	-1.81286	0.0668829	0.730594	-1.36875	5.29E-06	0.206472	-4.84327	0.173237	1.24787	1.24787	0.0151904	0.634013	-1.57725	15.5853	5.7634	0.328709	1
cg17388172	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.00196851	6.54E-05	0.380979	-2.62481	0.86772	1.02219	1.02219	0.761441	0.960697	-1.04091	0.0871264	0.779769	-1.28243	0.0164828	0.679879	-1.47085	0.011171	0.657859	-1.52008	0.00286472	0.582592	-1.71647	0.0687667	0.76473	-1.30765	0.00857781	0.643065	-1.55505	9.68658	2.6603	0.244122	1
cg19516235	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.00893951	0.253078	0.827125	-1.20901	0.0189624	1.57103	1.57103	0.0213787	1.55222	1.55222	0.518999	0.901271	-1.10954	0.467414	0.889076	-1.12476	0.0471035	0.69679	-1.43515	0.000980051	0.458672	-2.18021	0.62707	0.925103	-1.08096	0.750939	1.05193	1.05193	6.12547	2.45267	0.355916	1
cg10889999	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.00932127	0.0363436	0.747612	-1.33759	0.174758	0.841521	-1.18832	0.81121	1.02902	1.02902	0.0109131	1.46515	1.46515	0.0055761	0.647147	-1.54524	0.0145916	0.697981	-1.4327	0.27429	1.14566	1.14566	0.0524763	1.3016	1.3016	0.595148	0.9379	-1.06621	6.04463	1.36802	0.201173	1
cg19722698	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.00941281	0.0105186	0.365745	-2.73415	0.564218	0.833497	-1.19976	0.663844	1.1464	1.1464	0.00266247	0.273018	-3.66276	0.00818651	0.347432	-2.87826	0.0387645	0.473442	-2.11219	0.00643654	0.330479	-3.02591	0.261223	1.44208	1.44208	0.0771163	0.541131	-1.84798	6.02586	9.31662	1.37432	1
cg08869857	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.00971625	0.0118435	0.642186	-1.55718	0.153618	0.806275	-1.24027	0.107416	0.780628	-1.28102	0.693299	1.05746	1.05746	0.000310103	0.438317	-2.28145	0.0740544	0.75534	-1.32391	0.351691	0.873639	-1.14464	0.0701141	0.751718	-1.33029	0.0173818	0.664835	-1.50413	5.96523	1.87682	0.279669	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25494814	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0109616	0.00809835	0.62803	-1.59228	0.00125969	0.524193	-1.90769	0.0532067	0.739836	-1.35165	0.978489	0.996308	-1.00371	0.0594123	0.746825	-1.339	0.16625	1.22448	1.22448	0.494905	1.09975	1.09975	0.848557	1.02657	1.02657	0.0262067	0.696417	-1.43592	5.73898	1.71062	0.264952	1
cg05578030	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0196146	0.0365428	0.307653	-3.25041	0.389937	0.652209	-1.53325	0.754605	0.85889	-1.16429	0.00275492	0.134813	-7.4177	0.0124364	0.221122	-4.5224	0.696083	0.826598	-1.20978	0.00707447	0.1848	-5.41125	0.0820413	0.392701	-2.54646	0.0227757	0.266557	-3.75154	4.73574	17.6518	3.31321	1
cg04787675	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0257171	0.00343316	0.280632	-3.56338	0.119059	0.582265	-1.71743	0.995225	1.00191	1.00191	0.620178	1.17318	1.17318	0.00501468	0.305169	-3.27687	0.764413	1.10085	1.10085	0.0351705	0.456386	-2.19113	0.108735	0.571632	-1.74938	0.153987	0.613907	-1.62891	4.31452	6.98371	1.4388	1
cg05192898	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0262377	0.74709	0.907161	-1.10234	0.00508783	0.327907	-3.04965	0.159655	0.636035	-1.57224	0.350149	0.748563	-1.33589	0.0329717	0.471897	-2.11911	0.191083	0.659116	-1.51718	0.0563199	0.52163	-1.91707	0.661351	0.875694	-1.14195	0.00189756	0.265727	-3.76326	4.28442	6.15332	1.27663	1
cg13229026	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0344879	0.485673	1.16752	1.16752	0.00417	0.431994	-2.31485	0.579479	0.884821	-1.13017	0.763643	0.936197	-1.06815	0.0206841	0.543845	-1.83876	0.0924553	1.49904	1.49904	0.0345377	0.583399	-1.71409	0.822693	0.952119	-1.05029	0.789452	0.943171	-1.06025	3.88779	2.94282	0.672834	1
cg21226225	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.00642159	0.480741	0.93227	-1.07265	0.785554	1.02705	1.02705	0.954694	1.00557	1.00557	0.774709	1.02848	1.02848	0.000255272	0.554656	-1.80292	0.972228	1.00341	1.00341	0.00189602	0.650061	-1.53832	0.0593597	0.811988	-1.23154	0.246526	0.888184	-1.12589	6.7949	1.03036	0.134789	1
cg10699871	TXNRD2	0.000420257	0.000687886	0.355114	-2.81599	0.0123102	0.536512	-1.86389	0.00194643	0.416711	-2.39975	0.000801915	0.363943	-2.74768	0.000713146	0.357182	-2.79969	0.00729582	0.501007	-1.99598	0.000466127	0.333112	-3.00199	7.58E-05	0.238418	-4.19431	0.00470754	0.472255	-2.1175	14.9944	9.47552	0.561721	1
cg09149541	TXNRD2	0.0209654	0.0726328	0.554634	-1.80299	0.429672	1.26777	1.26777	0.0258005	0.458837	-2.17942	0.836051	1.06288	1.06288	0.00128234	0.25117	-3.98136	0.0240851	0.453046	-2.20728	0.139879	0.626579	-1.59597	0.846721	0.944636	-1.05861	0.0807623	0.565559	-1.76816	4.62964	6.3509	1.21937	1
cg27306787	TXNRD2	0.0268913	0.0793456	0.279574	-3.57687	0.00441938	0.08323	-12.0149	0.0181191	0.152897	-6.54035	0.199924	0.412264	-2.42563	0.0723217	0.269182	-3.71496	0.561028	0.680697	-1.46908	0.00502382	0.0881566	-11.3434	0.0381667	0.207558	-4.81794	0.779174	0.83198	-1.20195	4.24767	28.8072	6.02835	1
cg06564500	TXNRD2	0.0312495	0.271828	0.782745	-1.27756	0.190838	1.34529	1.34529	0.587615	0.889363	-1.1244	0.637254	0.903291	-1.10706	0.00255849	0.40825	-2.44948	0.108569	1.45473	1.45473	0.039192	1.66697	1.66697	0.48989	0.860538	-1.16206	0.529975	0.872631	-1.14596	4.02789	2.92526	0.645556	1
cg11854392	TXNRD2	0.0446026	0.0133556	0.212234	-4.71179	0.0258894	0.262428	-3.81057	0.0249034	0.259216	-3.85779	0.0203285	0.242996	-4.1153	0.238167	0.535303	-1.8681	0.0666135	0.353357	-2.83	0.0617332	0.344996	-2.89858	0.0251516	0.260033	-3.84567	0.18666	0.492619	-2.02996	3.53725	14.3315	3.60141	1
cg00465975	TXNRD2;COMT	0.0031165	0.114722	1.33279	1.33279	0.0583502	1.43082	1.43082	0.170893	1.27659	1.27659	0.116793	1.33025	1.33025	0.00541351	1.84602	1.84602	0.0359009	1.50498	1.50498	0.00546039	0.542237	-1.84421	0.002237	0.488274	-2.04803	0.0865425	1.37309	1.37309	8.46179	3.75869	0.39484	1
cg24899205	TXNRD2;COMT	0.0247898	0.34677	0.578577	-1.72838	0.207144	0.470434	-2.12569	0.0867172	0.339463	-2.94583	0.265366	0.518534	-1.92851	0.830234	0.886259	-1.12834	0.353347	0.583175	-1.71475	0.00345633	10.4523	10.4523	0.0345509	4.13679	4.13679	0.0857413	2.95812	2.95812	4.83857	23.7148	3.81204	1
cg03205258	TXNRD2;COMT;COMT	0.0288697	0.00117433	0.0102652	-97.4162	0.315705	2.56205	2.56205	0.843157	1.19575	1.19575	0.44903	0.497535	-2.00991	0.723056	0.725243	-1.37885	0.264916	0.348182	-2.87206	?	?	?	?	?	?	0.527512	1.7838	1.7838	4.72487	46.3854	9.81727	1
cg02205072	TXNRD3IT1	0.00125677	0.270397	0.825446	-1.21147	0.546163	1.10749	1.10749	0.00128867	0.45652	-2.19049	0.105561	0.744109	-1.34389	9.66E-05	0.313696	-3.18779	0.00192405	0.479999	-2.08334	0.480378	1.1274	1.1274	0.0883771	1.36928	1.36928	0.637631	0.923756	-1.08254	11.0252	4.87931	0.393386	1
cg08711118	TXNRD3IT1	0.00193945	0.0093843	1.73947	1.73947	0.499024	1.12226	1.12226	0.0150504	0.605193	-1.65237	0.00402775	1.91424	1.91424	0.00072129	0.42118	-2.37428	0.921295	1.01675	1.01675	0.0953953	0.734977	-1.36059	0.0244707	1.56907	1.56907	0.196803	0.795048	-1.25779	9.72859	4.35241	0.397674	1
cg25948075	TXNRD3IT1	0.00262785	0.304106	0.738169	-1.3547	0.17987	0.666122	-1.50123	0.0436641	0.516068	-1.93773	0.559329	1.18341	1.18341	6.02E-05	0.120683	-8.28615	0.0311785	0.486126	-2.05708	0.0168543	0.435306	-2.29723	0.59625	0.858549	-1.16476	0.00477644	0.343537	-2.9109	8.90027	11.4684	1.14537	1
cg22595719	TXNRD3IT1	0.0358938	0.758174	1.12697	1.12697	0.489459	0.762038	-1.31227	0.0693387	0.455476	-2.19551	0.0981092	2.01832	2.01832	0.00811767	0.269335	-3.71285	0.222871	1.64175	1.64175	0.108394	0.507693	-1.96969	0.0628918	2.24775	2.24775	0.410618	1.38496	1.38496	3.83194	9.09201	2.10906	1
cg06917623	TYK2	0.000373618	0.000319245	0.408301	-2.44917	0.905819	1.01836	1.01836	0.0806338	0.7424	-1.34698	0.000364473	0.415559	-2.40639	2.39E-05	0.273833	-3.65185	0.94229	1.01119	1.01119	0.540316	1.09999	1.09999	0.874757	1.02455	1.02455	0.0258588	0.665823	-1.5019	15.4886	5.7975	0.332718	1
cg11575644	TYK2	0.00586801	0.0311988	1.96565	1.96565	0.101031	1.61613	1.61613	0.415722	0.800632	-1.24901	0.123814	1.5613	1.5613	0.664572	0.889928	-1.12369	0.1467	1.51643	1.51643	0.000233699	5.11019	5.11019	0.0131895	2.27354	2.27354	0.0113386	2.33368	2.33368	6.98694	7.90631	1.00585	1
cg16068727	TYK2	0.00631319	0.920311	1.01166	1.01166	0.117391	1.21768	1.21768	0.643662	0.947486	-1.05543	0.9786	0.996899	-1.00311	0.949812	1.00732	1.00732	0.141568	1.20087	1.20087	0.00143257	0.586309	-1.70559	0.00282049	1.61025	1.61025	0.0117092	1.44012	1.44012	6.83084	1.45078	0.188789	1
cg23306063	TYK2	0.027036	0.0131807	9.33064	9.33064	0.0429401	5.4354	5.4354	0.0512842	5.01686	5.01686	0.0931203	3.82829	3.82829	0.01937	7.80563	7.80563	0.69902	0.754014	-1.32624	0.448878	0.570735	-1.75213	0.0148799	8.8177	8.8177	0.0261412	6.8054	6.8054	4.23968	35.461	7.43474	1
cg11654620	TYMP;ODF3B;TYMP;TYMP	0.000180771	0.915692	1.00961	1.00961	0.246061	1.11576	1.11576	0.0480708	0.815451	-1.22632	0.011486	0.751633	-1.33044	0.810399	1.02194	1.02194	0.000172699	1.77886	1.77886	0.145697	0.86845	-1.15148	2.10E-05	2.16874	2.16874	0.00666635	0.727715	-1.37416	18.8811	2.43793	0.114773	1
cg16367976	TYMP;ODF3B;TYMP;TYMP	0.0163668	0.0368704	0.216055	-4.62846	0.200179	2.35206	2.35206	0.137926	0.364344	-2.74466	0.22091	0.443379	-2.25541	0.0981403	0.31771	-3.14752	0.168456	2.52825	2.52825	0.00455534	0.0918076	-10.8923	0.0301327	5.01129	5.01129	0.106228	0.327916	-3.04956	5.03286	31.8406	5.62359	1
cg11474317	TYMP;ODF3B;TYMP;TYMP	0.0218247	0.993626	1.00337	1.00337	0.100557	0.469219	-2.1312	0.0513527	0.393287	-2.54267	0.0622832	0.413633	-2.4176	0.432455	0.713915	-1.40073	0.0714882	0.428841	-2.33187	0.0463019	0.382795	-2.61236	0.003691	5.2106	5.2106	0.646806	0.823601	-1.21418	4.56645	12.7974	2.49109	1
cg07863994	TYMP;SCO2;SCO2;TYMP;SCO2;TYMP;SCO2	0.00412625	0.100317	0.507567	-1.97018	0.000818413	6.68492	6.68492	0.00698465	3.72174	3.72174	0.0341021	0.393984	-2.53817	0.233109	0.624424	-1.60148	0.509593	1.28656	1.28656	?	?	?	?	?	?	0.468453	1.32029	1.32029	8.16216	14.2647	1.99733	1
cg23027509	TYMP;SCO2;SCO2;TYMP;SCO2;TYMP;SCO2	0.0169516	0.470228	0.833307	-1.20004	0.0234273	1.9584	1.9584	0.00848628	2.30255	2.30255	0.162178	1.4484	1.4484	0.36785	0.794843	-1.25811	0.618557	1.13269	1.13269	0.076664	0.613365	-1.63035	0.678553	1.10899	1.10899	0.00355379	2.66621	2.66621	4.97422	4.85431	0.867461	1
cg10093031	TYMP;SCO2;SCO2;TYMP;SCO2;TYMP;SCO2	0.0200158	0.83678	1.03953	1.03953	0.00790997	0.527217	-1.89675	0.882123	0.972501	-1.02828	0.295826	0.815687	-1.22596	0.00490599	0.496329	-2.01479	0.00439573	0.489348	-2.04353	0.492262	1.14005	1.14005	0.699742	1.07555	1.07555	0.132567	0.737122	-1.35663	4.7033	2.63075	0.497192	1
cg13092901	TYMP;SCO2;SCO2;TYMP;TYMP;SCO2;SCO2	0.0227793	0.00560446	0.353382	-2.82979	0.452136	1.24493	1.24493	0.805925	0.932019	-1.07294	0.107668	0.605248	-1.65222	0.020827	0.451311	-2.21577	0.304091	1.35583	1.35583	0.0943881	1.69196	1.69196	0.0533076	0.533732	-1.8736	0.0524228	0.532147	-1.87918	4.49978	5.82948	1.15156	1
cg24713529	TYMP;SCO2;SCO2;TYMP;TYMP;SCO2;SCO2	0.0303047	0.107295	0.479469	-2.08564	0.381595	1.45538	1.45538	0.500055	1.33145	1.33145	0.294768	1.57521	1.57521	0.106362	0.478361	-2.09047	0.00419045	4.97337	4.97337	0.0237946	0.323618	-3.09006	0.86502	0.931326	-1.07374	0.574614	0.788879	-1.26762	4.07219	11.2781	2.46181	1
cg02555513	TYMP;SCO2;TYMP;SCO2;TYMP;SCO2;SCO2	0.00476178	0.0456091	2.35533	2.35533	0.231159	0.625361	-1.59908	0.840014	0.927237	-1.07847	0.00665017	0.268132	-3.72951	0.0728702	0.473408	-2.11234	0.000398875	0.121721	-8.21553	0.149269	1.78241	1.78241	0.23309	0.626692	-1.59568	0.196774	1.66539	1.66539	7.44862	16.4789	1.96652	1
cg02776313	TYMP;SCO2;TYMP;TYMP;SCO2	0.0125864	0.17809	0.735657	-1.35933	0.281302	0.786446	-1.27154	0.45284	1.1783	1.1783	0.424038	1.19144	1.19144	0.000254225	0.274424	-3.64399	0.0879705	0.667663	-1.49776	0.175034	0.733858	-1.36266	0.543147	0.876302	-1.14116	0.0657435	0.642103	-1.55738	5.48772	4.00027	0.647956	1
cg05329888	TYMP;TYMP;TYMP	3.39E-06	0.0316219	0.491539	-2.03443	0.331073	0.753787	-1.32664	0.00523376	2.82397	2.82397	0.195463	1.47092	1.47092	7.61E-07	0.0234643	-42.6179	0.0403538	1.94925	1.94925	0.00133769	0.268732	-3.72118	7.27E-07	43.5685	43.5685	0.221682	0.696269	-1.43623	53.6411	67.4826	1.11826	1
cg22927510	TYMP;TYMP;TYMP	0.000156483	0.180179	0.634858	-1.57516	0.181134	0.635567	-1.5734	0.0229198	2.38403	2.38403	0.360089	0.740539	-1.35037	0.0192459	0.404956	-2.4694	0.068653	1.91669	1.91669	0.182396	0.636499	-1.57109	3.20E-06	33.8632	33.8632	0.105288	0.56837	-1.75942	19.6317	31.687	1.43474	1
cg09435190	TYMP;TYMP;TYMP	0.00112126	0.38953	1.19984	1.19984	0.0900573	0.67976	-1.47111	0.262274	0.785439	-1.27317	0.101669	1.44807	1.44807	0.00659093	0.482437	-2.07281	0.155448	1.36898	1.36898	0.534587	1.13877	1.13877	4.72E-05	4.87824	4.87824	0.0571013	0.640979	-1.56011	11.3901	7.70103	0.600995	1
cg06345736	TYMP;TYMP;TYMP	0.00263146	0.21301	0.721488	-1.38602	0.176244	1.4303	1.4303	0.643754	1.1229	1.1229	0.892645	0.966949	-1.03418	6.23E-05	0.159335	-6.2761	0.0771105	0.613101	-1.63105	0.0064479	0.414054	-2.41514	0.6559	1.1181	1.1181	0.726714	1.09126	1.09126	8.89667	8.7296	0.872196	1
cg00082897	TYMP;TYMP;TYMP	0.0271415	0.464507	1.18384	1.18384	0.0163061	0.513875	-1.946	0.187965	0.728852	-1.37202	0.114891	1.47498	1.47498	0.463752	0.844462	-1.18419	0.286707	1.28504	1.28504	0.00388498	2.41446	2.41446	0.189907	1.3699	1.3699	0.534301	1.15336	1.15336	4.23389	3.44591	0.723456	1
cg17215449	TYMP;TYMP;TYMP	0.0297503	0.296111	0.842345	-1.18716	0.350644	0.858876	-1.16431	0.0893518	0.743307	-1.34534	0.769146	0.954463	-1.04771	0.399253	1.14644	1.14644	0.443017	0.883503	-1.13186	0.744619	0.949555	-1.05313	0.00104057	2.15738	2.15738	0.473368	1.12242	1.12242	4.09897	1.62807	0.353058	1
cg20164887	TYMP;TYMP;TYMP;TYMP	0.00275729	0.154392	0.666329	-1.50076	0.284164	0.743572	-1.34486	0.292809	0.747793	-1.33727	0.0580542	1.76914	1.76914	0.0194693	0.471363	-2.12151	0.148153	0.661593	-1.5115	0.319308	0.760279	-1.31531	0.000116424	6.0389	6.0389	0.517076	0.839523	-1.19115	8.77477	9.85536	0.998353	1
cg17285325	TYMP;TYMP;TYMP;TYMP;TYMP	0.00011143	0.00361385	0.268597	-3.72305	0.460165	0.778055	-1.28526	0.00120635	4.8662	4.8662	0.108888	0.557924	-1.79236	0.0060082	0.301762	-3.31387	0.537475	0.8119	-1.23168	0.115628	0.565072	-1.76969	5.94E-06	29.7545	29.7545	0.13929	0.588003	-1.70067	21.5082	37.9405	1.568	1
cg18089670	TYMS	0.00318929	0.0733862	0.847764	-1.17957	0.433594	0.936036	-1.06834	0.652864	1.03816	1.03816	0.00822676	1.32265	1.32265	0.656598	0.963658	-1.03771	0.554865	1.05065	1.05065	0.000140334	1.72255	1.72255	0.0524734	0.833255	-1.20011	0.220129	1.11255	1.11255	8.40384	0.910847	0.0963419	1
cg24940511	TYMS;C18orf56	1.22E-05	5.67E-06	0.694559	-1.43976	0.476469	1.02613	1.02613	0.720736	1.01287	1.01287	0.721511	1.01283	1.01283	4.97E-05	1.31172	1.31172	2.84E-05	1.34072	1.34072	0.00993741	0.890458	-1.12302	0.00657529	0.881834	-1.134	0.00016031	1.25829	1.25829	38.5418	0.774901	0.0178715	1
cg15084758	TYMS;C18orf56	0.0224812	?	?	?	0.331974	1.31714	1.31714	0.0756601	1.72326	1.72326	0.00332363	3.00487	3.00487	0.442287	1.24063	1.24063	0.00525895	2.75352	2.75352	0.585659	0.859416	-1.16358	0.69928	0.898676	-1.11275	0.343697	0.764556	-1.30795	4.60066	4.90607	1.06638	1
cg13354228	TYMS;C18orf56	0.0318609	0.14043	0.678727	-1.47335	0.306208	0.771919	-1.29547	0.2138	1.37695	1.37695	0.9032	1.03018	1.03018	0.528577	0.855546	-1.16884	0.889253	1.03463	1.03463	0.000682738	0.281385	-3.55385	0.490435	0.842674	-1.1867	0.228759	0.73443	-1.3616	4.00011	3.78307	0.840659	1
cg15522677	TYMS;C18orf56	0.0371897	0.0279137	0.432549	-2.31187	0.105961	0.565735	-1.76761	0.565047	0.828916	-1.20639	0.119546	0.579894	-1.72445	0.00748797	0.329358	-3.03621	0.796264	0.919922	-1.08705	0.00318021	0.272627	-3.66802	0.156322	0.613122	-1.631	0.560671	0.827126	-1.20901	3.7828	6.23497	1.4651	1
cg13606422	TYMS;ENOSF1	0.0120668	0.262611	0.853937	-1.17105	0.821063	0.969839	-1.0311	0.00116406	0.524844	-1.90533	0.447479	0.900628	-1.11034	0.00265696	0.570121	-1.75401	0.00473333	0.602158	-1.66069	0.691032	0.947426	-1.05549	0.359517	0.880417	-1.13583	0.871058	0.978279	-1.0222	5.56317	1.61022	0.257283	1
cg14705695	TYR	0.00436051	0.495003	0.849594	-1.17703	0.0601064	0.607217	-1.64686	0.0566357	1.66124	1.66124	0.0552368	0.599764	-1.66732	0.262867	0.759879	-1.316	0.103972	1.51921	1.51921	0.407609	1.2205	1.2205	0.0946201	0.649095	-1.54061	0.000178248	0.224545	-4.45345	7.6504	6.70486	0.779028	1
cg25941151	TYR	0.0176827	0.00485076	0.395903	-2.52587	0.464276	1.20294	1.20294	0.00148774	0.3209	-3.11623	0.244779	0.73947	-1.35232	0.271958	0.753018	-1.32799	0.228721	0.730989	-1.36801	0.967959	1.01001	1.01001	0.224722	1.37209	1.37209	0.0910978	0.63024	-1.5867	4.90434	4.77957	0.866275	1
cg26544020	TYRO3	0.0129013	?	?	?	0.00100809	2.31597	2.31597	0.327484	1.19001	1.19001	0.0489828	0.679196	-1.47233	0.0491911	1.47166	1.47166	0.79567	1.04567	1.04567	0.759324	0.94849	-1.05431	0.243215	0.810458	-1.23387	0.226614	0.803736	-1.24419	5.5492	2.31378	0.416958	1
cg17086370	TYRO3	0.013218	0.856558	1.02119	1.02119	0.172412	1.1833	1.1833	0.9819	0.997374	-1.00263	0.000342732	0.512668	-1.95058	0.137764	0.830918	-1.20349	0.0412224	0.761154	-1.3138	0.583563	0.937856	-1.06626	0.56778	0.935266	-1.06921	0.374721	1.11137	1.11137	5.40071	1.14883	0.189083	1
cg24491553	TYRO3	0.0136599	0.00255522	0.698182	-1.43229	0.0976851	0.855547	-1.16884	0.408835	1.07522	1.07522	0.128918	0.868591	-1.15129	0.0461264	1.21677	1.21677	0.333023	1.08952	1.08952	0.0129449	1.30324	1.30324	0.681258	1.0361	1.0361	0.461687	1.06645	1.06645	5.34285	0.623778	0.103778	1
cg01050433	TYRO3	0.0206339	0.129549	0.805142	-1.24202	0.594671	0.931397	-1.07366	0.0381849	1.3743	1.3743	0.353699	0.881368	-1.1346	0.0134408	1.49935	1.49935	0.0400787	1.36884	1.36884	0.0203005	0.690546	-1.44813	0.846524	1.02598	1.02598	0.0784885	1.29517	1.29517	4.65487	1.29113	0.246553	1
cg22106607	TYRO3;TYRO3	0.0248924	0.127892	0.805178	-1.24196	0.0211719	0.694302	-1.4403	0.717956	1.04891	1.04891	0.836778	1.02753	1.02753	0.0340291	1.38503	1.38503	0.109025	1.2587	1.2587	0.00659196	0.628502	-1.59108	0.239727	0.850384	-1.17594	0.298134	0.867635	-1.15256	4.36378	1.19779	0.243987	1
cg19851291	TYROBP;TYROBP	4.02E-05	0.156695	0.812268	-1.23112	0.000202182	0.425006	-2.35291	0.000154962	0.410884	-2.43378	0.000260911	0.438619	-2.27988	0.000422558	0.46454	-2.15267	0.0305642	0.705539	-1.41736	1.26E-06	0.180666	-5.53508	0.947473	1.00908	1.00908	0.026679	0.697357	-1.43399	28.2012	8.41463	0.265225	1
cg17925829	TYROBP;TYROBP	0.000381157	0.396341	0.904962	-1.10502	0.0182733	1.39005	1.39005	0.0476361	0.77072	-1.29749	0.023519	0.732693	-1.36483	0.00410553	0.642325	-1.55685	0.036347	1.3228	1.3228	1.39E-05	0.352522	-2.8367	0.814966	1.02732	1.02732	0.323339	1.12444	1.12444	15.4036	3.22486	0.186095	1
cg06707369	TYROBP;TYROBP	0.000694586	0.00370412	0.541939	-1.84523	0.0424223	0.69414	-1.44063	0.000296006	0.398318	-2.51056	0.00270855	0.523541	-1.91007	0.0140613	0.622776	-1.60571	0.0729001	0.731611	-1.36685	3.38E-05	0.285085	-3.50773	0.371899	0.866571	-1.15397	0.701181	0.941549	-1.06208	13.0393	5.03926	0.343527	1
cg20267005	TYROBP;TYROBP	0.0170381	0.604967	0.78996	-1.26589	0.233228	0.568505	-1.759	0.0277238	0.308601	-3.24043	0.68341	0.830887	-1.20353	0.00204422	0.140325	-7.12632	0.137782	0.485733	-2.05875	0.00178006	0.134013	-7.46197	0.589036	1.27946	1.27946	0.271402	0.596108	-1.67755	4.96577	16.0557	2.87403	1
cg15644610	TYROBP;TYROBP	0.023633	0.0411925	1.8943	1.8943	0.901176	0.966867	-1.03427	0.0196641	2.14757	2.14757	0.99819	0.999385	-1.00062	0.00929679	0.408599	-2.44739	0.694299	0.898403	-1.11309	0.0240262	0.481863	-2.07528	0.452525	1.23069	1.23069	0.226064	0.708375	-1.41168	4.44302	5.17657	1.03564	1
cg24091474	TYROBP;TYROBP;TYROBP;TYROBP	0.00362402	0.176566	0.781505	-1.27958	0.561941	0.904269	-1.10587	0.183044	0.784705	-1.27436	0.0320663	0.649895	-1.53871	0.00604966	0.540491	-1.85017	0.119722	0.748484	-1.33603	6.15E-05	0.281287	-3.55508	0.769248	1.05178	1.05178	0.163692	0.774865	-1.29055	8.08899	3.77275	0.414583	1
cg14542367	TYRP1	0.0020775	0.936666	0.985103	-1.01512	0.000165353	0.297495	-3.36141	0.000278033	0.325202	-3.07501	0.349734	0.833776	-1.19936	0.136641	1.35369	1.35369	0.823318	1.04314	1.04314	0.869104	0.969331	-1.03164	0.580286	0.899889	-1.11125	0.765805	1.05804	1.05804	9.5356	5.38661	0.502128	1
cg25086512	TYSND1;TYSND1	0.0036479	0.84064	1.04001	1.04001	0.0441624	1.56917	1.56917	0.0872111	1.44481	1.44481	0.000236774	0.305172	-3.27684	0.00719091	0.508601	-1.96618	0.0841475	0.689113	-1.45114	0.509823	1.13915	1.13915	0.907223	1.02298	1.02298	0.374323	1.19446	1.19446	8.07308	4.85489	0.534549	1
cg04439776	TYSND1;TYSND1	0.0333832	0.021687	0.245886	-4.06692	0.00721437	0.171208	-5.84085	0.0890627	0.385016	-2.5973	0.158104	0.463909	-2.15559	0.0345211	0.285138	-3.50708	0.0702769	0.35705	-2.80073	0.0068366	0.168109	-5.94851	0.0911128	0.387828	-2.57847	0.0606812	0.340823	-2.93408	3.93369	16.1399	3.64711	1
cg23328778	TYSND1;TYSND1	0.0473686	0.077597	0.688777	-1.45185	0.00986072	1.85872	1.85872	0.114987	1.38508	1.38508	0.0210515	0.590108	-1.69461	0.561555	1.11803	1.11803	0.570079	1.11527	1.11527	0.702617	0.929683	-1.07564	0.698892	0.928783	-1.07668	0.589557	1.10907	1.10907	3.45821	1.97871	0.508601	1
ch.7.1427355R	TYW1	0.0107176	0.0026769	0.0903851	-11.0638	0.00348818	0.100751	-9.92546	0.07553	0.318038	-3.14428	0.0249223	0.213237	-4.68962	0.00286658	0.0929791	-10.7551	0.121504	0.378301	-2.6434	0.0365212	0.244831	-4.08445	0.0543781	0.282521	-3.53956	0.032442	0.234596	-4.26265	5.78071	30.6964	4.72013	1
cg04461050	TYW1B;TYW1B	0.00974223	0.0410573	0.525995	-1.90116	0.00325562	0.335069	-2.98446	0.244081	0.717397	-1.39393	0.0148192	0.441743	-2.26376	0.000698857	0.24438	-4.09199	0.0153953	0.444689	-2.24876	0.328237	0.759559	-1.31655	0.50701	0.832388	-1.20136	0.0668117	0.5712	-1.7507	5.96014	7.01079	1.04558	1
cg13142612	U2AF1;U2AF1;U2AF1	2.87E-05	0.0570786	0.638889	-1.56522	2.07E-06	0.0878758	-11.3797	4.59E-05	0.201414	-4.9649	0.0726226	0.659134	-1.51714	2.29E-05	0.171418	-5.8337	0.000201117	0.272985	-3.66321	0.0243985	0.572248	-1.74749	0.0308668	0.590043	-1.69479	0.000112419	0.243571	-4.10558	30.8272	21.1452	0.609712	1
cg03347927	U2AF1;U2AF1;U2AF1	0.000891259	0.0035086	0.401589	-2.49011	0.0355185	0.568963	-1.75758	0.00528302	0.428595	-2.33321	0.642469	1.11374	1.11374	0.0120172	0.485866	-2.05818	0.416458	0.825841	-1.21089	2.55E-05	0.146001	-6.84925	0.115467	0.674161	-1.48332	0.00298228	0.391124	-2.55674	12.1562	10.221	0.747387	1
cg15665968	U2AF1;U2AF1;U2AF1	0.00189336	?	?	?	0.825472	0.925902	-1.08003	0.378495	1.37022	1.37022	0.632307	0.845315	-1.18299	0.227676	0.64311	-1.55494	0.0308279	0.413144	-2.42047	5.21E-05	0.0715568	-13.9749	0.0640957	2.06541	2.06541	0.342737	1.40599	1.40599	10.0217	17.1442	1.71071	1
cg16068812	U2AF1;U2AF1;U2AF1	0.00207165	0.208356	0.573277	-1.74436	0.00034477	11.2027	11.2027	0.134114	1.96929	1.96929	0.000520931	9.67541	9.67541	0.100414	0.470036	-2.1275	0.0205609	3.22294	3.22294	0.0513781	2.53572	2.53572	0.550389	0.776119	-1.28846	0.0830374	2.23681	2.23681	9.54345	26.5959	2.47718	1
cg24947615	U2AF1;U2AF1;U2AF1	0.00561438	0.935369	0.990914	-1.00917	0.0741483	0.799358	-1.251	0.00958493	0.691348	-1.44645	0.172507	0.849253	-1.1775	0.900168	1.01422	1.01422	0.677911	0.954086	-1.04812	0.000260033	1.96607	1.96607	0.87051	1.01853	1.01853	0.341698	0.895605	-1.11656	7.08262	1.42065	0.178296	1
cg03307717	U2AF1;U2AF1;U2AF1	0.0062116	0.00537225	0.258561	-3.86757	0.0182326	0.34732	-2.87918	0.472778	0.763792	-1.30926	0.0397101	0.41581	-2.40494	0.0254247	0.375251	-2.66489	0.0417182	0.42054	-2.3779	0.00054117	0.137408	-7.27759	0.315428	1.46671	1.46671	0.0171182	0.342225	-2.92205	6.86523	14.8042	1.9168	1
cg01332151	U2AF1;U2AF1;U2AF1	0.00890765	0.233088	1.15386	1.15386	0.67892	0.953474	-1.0488	0.000955643	1.7565	1.7565	0.0960708	1.23267	1.23267	0.902141	1.01418	1.01418	0.188876	1.17272	1.17272	0.00121485	1.71954	1.71954	0.882071	0.983153	-1.01714	0.0184777	1.38688	1.38688	6.13241	1.27239	0.184432	1
cg05564340	U2AF1;U2AF1;U2AF1	0.00922902	0.02552	0.217104	-4.60608	0.373335	0.590995	-1.69206	0.175504	0.436454	-2.29119	0.0459193	0.268014	-3.73115	0.00243362	0.0881756	-11.341	0.00699922	0.13437	-7.44215	0.00129181	0.0673054	-14.8577	0.0751623	0.319706	-3.12788	0.0155511	0.181297	-5.51582	6.06378	31.8082	4.66276	1
cg22730042	U2AF1;U2AF1;U2AF1	0.0381242	0.0694615	0.759663	-1.31637	0.0840374	1.29534	1.29534	0.0110581	1.53935	1.53935	0.0295726	1.41449	1.41449	0.818989	0.969448	-1.03151	0.132106	1.24607	1.24607	0.935881	0.989168	-1.01095	0.318751	0.869807	-1.14968	0.243274	0.84766	-1.17972	3.74866	1.08786	0.257955	1
cg12818493	U2AF1;U2AF1;U2AF1;U2AF1	0.0101082	0.0732062	0.787519	-1.26981	0.00343493	0.621777	-1.60829	0.0230386	0.722542	-1.384	0.728796	0.959239	-1.04249	0.114973	0.814716	-1.22742	0.581955	0.935685	-1.06874	0.00387979	0.628134	-1.59202	0.00127588	0.570224	-1.7537	0.584439	0.936102	-1.06826	5.89031	1.33347	0.20123	1
cg17730759	U2AF1L4;TMEM149;U2AF1L4	0.0438452	0.018449	1.9566	1.9566	0.917669	0.976013	-1.02458	0.0209488	0.520827	-1.92002	0.819683	0.947798	-1.05508	0.80954	1.05834	1.05834	0.646537	1.11452	1.11452	0.103572	1.51894	1.51894	0.0359279	0.563806	-1.77366	0.194905	0.724733	-1.37982	3.55995	3.10877	0.776235	1
cg10697843	U2AF1L4;U2AF1L4;PSENEN	0.0163197	0.031342	0.77411	-1.29181	0.752937	0.968493	-1.03253	0.713626	0.96332	-1.03808	0.00242589	1.53423	1.53423	0.763375	1.03108	1.03108	0.00720945	1.42132	1.42132	0.442562	1.08261	1.08261	0.280768	1.12037	1.12037	0.234642	0.88135	-1.13462	5.0377	0.820082	0.144701	1
cg07850221	U2AF1L4;U2AF1L4;PSENEN	0.0255259	0.0983196	0.650284	-1.53779	0.778562	1.0692	1.0692	0.759206	1.07571	1.07571	0.958627	0.987762	-1.01239	0.0960313	0.647997	-1.54322	0.00209399	0.357909	-2.79401	0.771648	1.07151	1.07151	0.795474	1.0636	1.0636	0.00541914	0.419495	-2.38382	4.32576	3.85994	0.793168	1
cg25320443	U2AF2;EPN1;EPN1;U2AF2	0.00136975	0.000864923	0.386299	-2.58867	0.00592588	0.504251	-1.98314	0.483438	0.873298	-1.14508	0.677355	0.923491	-1.08285	0.00025976	0.318894	-3.13583	0.00112916	0.401894	-2.48822	0.00111415	0.401106	-2.49311	0.143385	0.741472	-1.34867	0.0233933	0.597357	-1.67404	10.7567	6.16465	0.50942	1
cg01505148	U2AF2;U2AF2	8.11E-05	0.000149475	0.199741	-5.00647	0.0401298	1.79757	1.79757	0.211459	0.722156	-1.38474	0.321863	0.776423	-1.28796	0.000956505	0.296173	-3.37641	3.86E-05	0.142264	-7.02917	1.27E-05	0.103356	-9.67533	0.336868	1.27742	1.27742	0.222419	0.728286	-1.37309	23.414	22.6735	0.860776	1
cg27341608	U2AF2;U2AF2	0.000511789	0.232848	1.35919	1.35919	0.653858	0.895187	-1.11708	0.81923	0.945393	-1.05776	0.0186972	0.497018	-2.012	0.682076	0.9039	-1.10632	0.29646	0.76678	-1.30416	0.0275703	0.527729	-1.89491	0.285085	1.31308	1.31308	6.27E-06	0.0841142	-11.8886	14.1984	13.5321	0.847173	1
cg24793625	U2AF2;U2AF2	0.000602189	0.19614	0.922263	-1.08429	0.00383946	0.793978	-1.25948	0.00238372	0.77825	-1.28493	0.000140043	0.677525	-1.47596	0.00993419	0.824648	-1.21264	0.478995	1.04353	1.04353	0.00012943	0.67452	-1.48254	0.00491139	0.802001	-1.24688	0.5237	1.039	1.039	13.5701	0.753335	0.0493461	1
cg22506214	U2AF2;U2AF2	0.00122437	0.184693	0.806321	-1.2402	0.0629524	1.37727	1.37727	3.50E-05	0.294243	-3.39856	0.897843	1.01985	1.01985	0.962585	0.992848	-1.0072	0.149016	0.789154	-1.26718	0.00720961	1.70003	1.70003	0.32913	0.857176	-1.16662	0.474464	1.11773	1.11773	11.1078	4.11905	0.329621	1
cg11784191	U2AF2;U2AF2	0.00337708	0.00507741	0.315826	-3.1663	0.196085	1.53015	1.53015	0.819405	0.931316	-1.07375	0.456253	0.789702	-1.2663	0.00102925	0.220161	-4.54212	0.00530204	0.318736	-3.1374	0.00195576	0.256026	-3.90585	0.124816	1.67701	1.67701	0.547864	0.827602	-1.20831	8.26165	12.6683	1.36301	1
cg15583885	U2AF2;U2AF2	0.00395009	0.444076	0.814287	-1.22807	0.307591	1.3206	1.3206	0.499955	1.19757	1.19757	0.676752	0.895482	-1.11672	0.000112819	0.167628	-5.9656	0.00881701	0.415601	-2.40616	0.998551	0.999522	-1.00048	0.217276	1.40747	1.40747	0.23559	1.3872	1.3872	7.88226	8.65476	0.976005	1
cg16349424	U2AF2;U2AF2	0.00976473	0.00980942	0.260197	-3.84324	0.567474	0.787943	-1.26913	0.845688	0.922791	-1.08367	0.280072	0.629364	-1.58891	0.00752862	0.242145	-4.12976	0.00825385	0.248304	-4.02731	0.00113939	0.139	-7.19427	0.281349	1.5868	1.5868	0.469445	0.738234	-1.35458	5.95576	16.0409	2.39408	1
cg12117703	U2AF2;U2AF2	0.00992152	0.328653	1.23308	1.23308	0.258349	0.782638	-1.27773	0.202541	0.756101	-1.32258	0.00520021	0.464701	-2.15192	0.16822	0.737008	-1.35684	0.000343119	0.301853	-3.31287	0.469776	0.858285	-1.16511	0.702916	0.923458	-1.08289	0.0482761	0.625634	-1.59838	5.92553	4.05267	0.607941	1
cg27154769	U2AF2;U2AF2	0.0141101	0.292383	0.798159	-1.25288	0.00711962	0.488006	-2.04916	0.117309	0.703925	-1.42061	0.732411	1.0734	1.0734	0.0192007	0.557271	-1.79446	0.0284396	0.586414	-1.70528	0.0246267	0.575603	-1.73731	0.0141855	1.86731	1.86731	0.602635	0.897268	-1.11449	5.28626	3.56594	0.599616	1
cg22330913	U2AF2;U2AF2	0.0186067	0.29569	0.671837	-1.48846	0.974562	1.01176	1.01176	0.106531	0.523923	-1.90868	0.905709	0.957467	-1.04442	0.00356255	0.234945	-4.25632	0.105919	0.523223	-1.91123	0.00110724	0.171492	-5.83116	0.57128	1.2335	1.2335	0.428887	0.743625	-1.34476	4.821	10.2722	1.89397	1
cg24069262	U2AF2;U2AF2	0.0189256	0.786432	1.05896	1.05896	0.721211	1.07851	1.07851	0.374371	1.21208	1.21208	0.135696	1.40382	1.40382	0.372124	0.824238	-1.21324	0.00154032	0.382486	-2.61448	0.533207	0.875351	-1.1424	0.0359213	1.67334	1.67334	0.0441318	0.613957	-1.62878	4.79341	3.37817	0.626447	1
cg09778357	U2AF2;U2AF2;EPN1;EPN1	0.0252518	0.0456013	0.334107	-2.99305	0.613546	0.783838	-1.27577	0.613842	1.27551	1.27551	0.373455	1.548	1.548	0.00385285	0.15529	-6.43956	0.110945	0.435805	-2.2946	0.00799562	0.196772	-5.08203	0.411867	1.49375	1.49375	0.104908	0.428478	-2.33384	4.34207	15.7298	3.22014	1
cg04689371	U2AF2;U2AF2;U2AF2;U2AF2	0.000581051	0.100061	1.20994	1.20994	0.143616	1.18079	1.18079	0.0365901	1.2929	1.2929	0.00919706	0.704878	-1.41869	0.000901946	0.59138	-1.69096	0.913979	1.01149	1.01149	0.127969	1.1901	1.1901	0.000132991	2.01498	2.01498	0.00337205	1.52454	1.52454	13.7059	2.4278	0.157453	1
cg08668112	U2AF2;U2AF2;U2AF2;U2AF2	0.018838	0.0827868	1.37694	1.37694	0.551742	1.10545	1.10545	0.621735	0.920528	-1.08633	0.0703762	0.714082	-1.4004	0.00430523	0.529621	-1.88814	0.394849	1.15616	1.15616	0.947201	0.989034	-1.01109	0.0221573	1.57882	1.57882	0.0394917	0.672641	-1.48668	4.80093	2.10798	0.390291	1
cg02495971	U2AF2;U2AF2;U2AF2;U2AF2	0.0237076	0.00360521	0.241015	-4.14912	0.103558	1.90186	1.90186	0.0159161	2.90393	2.90393	0.193953	1.64258	1.64258	0.68881	1.15646	1.15646	0.267798	1.51713	1.51713	0.117837	0.541593	-1.8464	0.649697	1.17952	1.17952	0.718616	0.877523	-1.13957	4.43818	9.16498	1.83558	1
cg14194397	U58;SNORD58C;RPL17;RPL17	0.00378437	0.00261695	0.267106	-3.74383	0.0199776	0.410855	-2.43395	0.00768735	0.337895	-2.9595	0.924202	0.970305	-1.0306	0.000549199	0.182674	-5.47422	0.0122904	0.372406	-2.68524	0.150568	0.613806	-1.62918	0.149121	1.63242	1.63242	0.0361103	0.462063	-2.16421	7.98455	12.6893	1.41265	1
cg12157761	UACA	5.35E-05	0.0117254	0.665418	-1.50281	0.00647383	1.58082	1.58082	1.22E-05	0.302933	-3.30106	0.101052	0.792699	-1.26151	0.000128626	0.422669	-2.36592	0.763091	0.961646	-1.03988	0.00506345	0.619129	-1.61517	0.000764003	1.93404	1.93404	0.000474888	0.491681	-2.03384	26.1521	6.93197	0.235613	1
cg17098829	UACA	0.000341897	0.017144	0.876892	-1.14039	0.024835	1.12839	1.12839	0.0355696	1.117	1.117	0.850802	1.00855	1.00855	0.0112649	0.866266	-1.15438	0.189658	0.939108	-1.06484	2.88E-05	0.689786	-1.44973	0.00168215	1.22514	1.22514	0.127634	0.928213	-1.07734	15.871	0.514043	0.02879	1
cg10177766	UACA	0.0035364	0.0348241	0.652924	-1.53157	0.0163557	0.601314	-1.66303	0.00324765	0.498768	-2.00494	0.00113791	0.436293	-2.29204	0.345493	0.845035	-1.18338	0.856308	1.03191	1.03191	0.00118566	0.43869	-2.27952	0.484258	0.884098	-1.1311	0.00229629	0.477807	-2.0929	8.14853	3.87598	0.422814	1
cg01918043	UACA	0.0136505	0.0184582	0.252168	-3.9656	0.019892	0.25799	-3.87611	0.0118609	0.220001	-4.54542	0.0912198	0.407934	-2.45138	0.0729278	0.381296	-2.62263	0.128013	0.452438	-2.21025	0.00198461	0.121793	-8.21067	0.00864464	0.199164	-5.02098	0.0141942	0.232616	-4.29894	5.34406	19.6645	3.27085	1
cg17726266	UACA	0.0241103	0.140006	1.55979	1.55979	0.060949	0.553597	-1.80637	0.00610129	0.367067	-2.7243	0.297517	1.35306	1.35306	0.492677	0.822773	-1.2154	0.118432	1.60734	1.60734	0.00951259	0.398651	-2.50846	0.926337	0.974442	-1.02623	0.912926	1.0311	1.0311	4.41239	5.47773	1.10351	1
cg09345916	UACA	0.024638	0.114992	0.783704	-1.27599	0.489536	1.10498	1.10498	0.317568	1.15826	1.15826	0.0589128	0.738337	-1.3544	0.342817	0.870244	-1.1491	0.013	0.645137	-1.55006	0.0777802	1.32147	1.32147	0.255456	1.18392	1.18392	0.0165455	1.51639	1.51639	4.37937	1.40267	0.284702	1
cg14562915	UACA	0.0281959	0.647829	1.0762	1.0762	0.0266291	1.52127	1.52127	0.182056	0.797576	-1.2538	0.0310006	1.49837	1.49837	0.430105	0.879318	-1.13724	0.727818	1.05738	1.05738	0.0036577	0.53385	-1.87319	0.863395	0.972875	-1.02788	0.921545	1.01586	1.01586	4.17751	1.68713	0.358987	1
cg01244124	UACA	0.0306897	0.649233	1.07441	1.07441	0.0343416	0.679139	-1.47245	0.106844	0.758851	-1.31778	0.0015174	0.488757	-2.04601	0.293294	0.842922	-1.18635	0.425076	1.13619	1.13619	0.427745	0.880809	-1.13532	0.285382	1.18996	1.18996	0.623996	1.08052	1.08052	4.05393	1.57747	0.345885	1
cg25882423	UACA	0.0347182	0.368202	0.765847	-1.30574	0.0522926	1.89093	1.89093	0.189771	0.669739	-1.49312	0.0489634	0.522642	-1.91336	0.0112436	0.399857	-2.50089	0.571357	1.17952	1.17952	0.199549	1.47875	1.47875	0.138023	1.58558	1.58558	0.125571	0.619732	-1.6136	3.87846	5.1172	1.17279	1
cg00974204	UACA	0.0398745	0.0247134	0.225467	-4.43524	0.00428664	0.11907	-8.3984	0.183518	0.455648	-2.19468	0.227053	0.493396	-2.02677	0.0342793	0.252666	-3.9578	0.0378777	0.261561	-3.8232	0.0165074	0.195612	-5.11215	0.152746	0.4261	-2.34687	0.210344	0.47937	-2.08607	3.6874	18.1211	4.36828	1
cg12642431	UACA;UACA	0.0143345	0.191305	0.63624	-1.57173	0.0011144	0.208143	-4.80439	0.14276	0.597588	-1.67339	0.634037	0.854921	-1.1697	0.0409474	0.462533	-2.16201	0.0251196	0.418678	-2.38847	0.00717148	0.321555	-3.10989	0.349173	1.37025	1.37025	0.799621	1.08669	1.08669	5.25888	8.89705	1.50384	1
cg17798857	UACA;UACA	0.0272775	0.5543	0.768398	-1.30141	0.00979154	0.237298	-4.21411	0.0867155	0.434607	-2.30093	0.971791	0.984546	-1.0157	0.00163058	0.136988	-7.29989	0.23046	0.57459	-1.74037	0.0221629	0.298814	-3.34657	0.989762	0.994365	-1.00567	0.649609	0.817549	-1.22317	4.22647	12.985	2.73093	1
cg09272849	UACA;UACA	0.0373777	0.049403	1.38387	1.38387	0.175182	1.2323	1.2323	0.0402606	1.40959	1.40959	0.826638	0.968722	-1.03229	0.460258	0.896805	-1.11507	0.100057	0.770234	-1.29831	0.0187976	0.662062	-1.51043	0.401588	1.13244	1.13244	0.0759163	1.33131	1.33131	3.77585	1.25514	0.295477	1
cg07030052	UAP1	0.017081	0.00928311	0.639311	-1.56418	0.456003	1.10838	1.10838	0.066032	1.32246	1.32246	0.659742	1.06189	1.06189	0.0103332	0.645411	-1.5494	0.345811	0.876703	-1.14064	0.00584118	0.613157	-1.6309	0.539081	1.08793	1.08793	0.935075	0.989019	-1.0111	4.96159	1.44339	0.25859	1
cg17084863	UAP1	0.0409802	0.953799	1.01161	1.01161	0.00404264	0.463493	-2.15753	0.0534916	0.646093	-1.54777	0.583266	0.895519	-1.11667	0.769965	1.06014	1.06014	0.283999	0.80117	-1.24818	0.0422962	1.59338	1.59338	0.45481	0.859306	-1.16373	0.0832163	0.682512	-1.46518	3.65039	2.29343	0.558463	1
cg20309078	UAP1	0.0474565	0.0871137	0.87172	-1.14716	0.0183621	1.23115	1.23115	0.266921	1.08769	1.08769	0.726247	0.974778	-1.02587	0.879137	0.989003	-1.01112	0.0256401	1.21246	1.21246	0.152319	0.894557	-1.11787	0.239633	1.09361	1.09361	0.0681765	1.16	1.16	3.4558	0.289051	0.0743488	1
cg15396367	UAP1L1	0.00135788	0.515748	1.2439	1.2439	0.0486154	2.10853	2.10853	0.0163926	2.64201	2.64201	0.310325	1.41576	1.41576	0.464925	0.78168	-1.2793	0.408661	1.32297	1.32297	1.65E-05	18.805	18.805	0.613997	0.844986	-1.18345	0.108623	1.78529	1.78529	10.7836	18.7324	1.54411	1
cg14557690	UAP1L1	0.00378044	0.000230321	0.188586	-5.30262	0.246888	0.718727	-1.39135	0.170797	0.671776	-1.48859	0.837711	0.945594	-1.05754	0.865973	1.04715	1.04715	0.109374	1.60989	1.60989	0.00140498	0.283195	-3.53113	0.44347	1.23754	1.23754	0.0761717	0.583789	-1.71295	7.98705	9.41181	1.04745	1
cg14264768	UAP1L1	0.0129814	0.39616	0.899202	-1.1121	0.249544	1.15853	1.15853	0.939799	1.00928	1.00928	0.286156	1.14504	1.14504	0.673936	0.949571	-1.05311	0.00440011	1.59189	1.59189	0.000623111	1.90326	1.90326	0.53694	1.07945	1.07945	0.0625792	1.29207	1.29207	5.43269	1.28644	0.210485	1
cg14728856	UBA1;UBA1	0.00358589	0.00123809	0.150653	-6.63778	0.0324079	0.366374	-2.72945	0.0138943	0.295691	-3.3819	0.0139292	0.295882	-3.37972	0.00222238	0.179426	-5.57334	0.296721	0.648085	-1.54301	0.00136599	0.155241	-6.4416	0.0215649	0.330747	-3.02346	0.00308878	0.197235	-5.07009	8.11468	20.6553	2.2626	1
cg26415216	UBA1;UBA1	0.0112467	0.187155	0.73021	-1.36947	0.329699	0.797541	-1.25385	0.000953033	0.330437	-3.02629	0.442906	1.19237	1.19237	0.0256167	0.550829	-1.81544	0.224234	1.33259	1.33259	0.0366957	0.579334	-1.72612	0.958037	0.988236	-1.0119	0.00809634	0.466452	-2.14384	5.69166	4.55924	0.712034	1
cg09076821	UBA1;UBA1	0.0324578	0.0186784	0.242343	-4.12638	0.290904	0.579865	-1.72454	0.00484217	0.155999	-6.4103	0.0397824	0.306688	-3.26065	0.0698973	0.365033	-2.73948	0.893962	0.93584	-1.06856	0.171783	0.485142	-2.06125	0.169946	0.483441	-2.06851	0.0069449	0.176095	-5.67875	3.97361	15.5592	3.48056	1
cg22268449	UBA1;UBA1	0.0424997	?	?	?	0.0851183	1.8815	1.8815	0.838117	1.06239	1.06239	0.0580466	0.48149	-2.07688	?	?	?	0.0925224	0.542704	-1.84262	0.0149636	3.11388	3.11388	?	?	?	0.415924	1.28622	1.28622	6.78389	5.44262	0.534857	1
cg06242330	UBA1;UBA1;INE1	0.0207305	0.112222	1.6278	1.6278	0.498041	1.21386	1.21386	0.376706	1.2912	1.2912	0.0217229	2.17332	2.17332	0.189887	1.47873	1.47873	0.00573823	0.360521	-2.77376	0.228566	1.42766	1.42766	0.0102555	2.48838	2.48838	0.250116	1.40299	1.40299	4.64747	5.84269	1.11749	1
cg12232738	UBA1;UBA1;INE1	0.0282543	0.489797	0.924181	-1.08204	0.128238	1.20298	1.20298	0.0451921	1.29467	1.29467	0.152307	1.18807	1.18807	0.352724	1.11346	1.11346	0.00213918	0.61585	-1.62377	0.203607	1.16278	1.16278	0.902366	0.986302	-1.01389	0.78506	1.0312	1.0312	4.17446	0.835113	0.177825	1
cg11695030	UBA2	0.0021883	0.336709	0.850073	-1.17637	0.134794	1.30264	1.30264	0.0239785	1.55524	1.55524	0.87151	1.0269	1.0269	0.000402469	0.397402	-2.51634	0.146532	0.774483	-1.29118	0.0168079	0.619739	-1.61358	0.562229	0.908383	-1.10086	0.00075542	0.432742	-2.31084	9.39193	4.00016	0.378591	1
cg12207651	UBA2	0.0106018	0.721511	1.05205	1.05205	0.000279373	2.32261	2.32261	0.0497366	1.37349	1.37349	0.967503	1.00579	1.00579	0.24131	0.84038	-1.18994	0.135375	0.795968	-1.25633	0.724993	1.05135	1.05135	0.707932	0.948041	-1.05481	0.16485	1.23378	1.23378	5.80093	1.84682	0.282992	1
cg08432712	UBA2	0.0219876	0.752875	0.960932	-1.04066	0.0279385	0.720577	-1.38778	0.283263	0.868781	-1.15104	0.085076	0.786448	-1.27154	0.318484	1.13893	1.13893	0.148456	0.822374	-1.21599	0.0022018	1.71866	1.71866	0.345814	0.884706	-1.13032	0.314787	0.877083	-1.14014	4.55482	1.14839	0.224112	1
cg24843157	UBA2	0.0440788	0.00533769	0.15029	-6.65381	0.417289	0.651777	-1.53427	0.279969	0.55992	-1.78597	0.32648	1.68729	1.68729	0.00702597	0.165357	-6.04754	0.350306	0.608697	-1.64285	0.560234	0.737746	-1.35548	0.0708185	0.352612	-2.83598	0.105998	0.401844	-2.48853	3.55289	15.0046	3.75396	1
cg24931092	UBA2	0.0466424	0.010784	0.210062	-4.7605	0.216653	1.88386	1.88386	0.810658	0.889653	-1.12403	0.212958	0.527828	-1.89456	0.0667773	0.367431	-2.7216	0.1653	0.486284	-2.05641	0.0725408	0.376783	-2.65404	0.167343	2.04837	2.04837	0.0408715	0.316696	-3.1576	3.4784	13.0741	3.34102	1
cg21635584	UBA3;UBA3	0.00758165	?	?	?	0.000812676	2.98852	2.98852	0.249904	1.29784	1.29784	0.515148	0.866679	-1.15383	0.0113667	0.503069	-1.9878	0.464492	1.17517	1.17517	0.171683	0.729442	-1.37091	0.0470654	1.63677	1.63677	0.43779	1.18721	1.18721	6.58512	4.35776	0.661758	1
cg18470852	UBA52;UBA52	0.00302543	0.031252	1.68464	1.68464	0.945708	1.01415	1.01415	0.875305	1.03294	1.03294	0.0914169	0.681397	-1.46757	0.000957878	0.362293	-2.76019	0.000506954	0.32588	-3.06861	0.0141481	0.535361	-1.8679	0.388211	0.833181	-1.20022	0.525324	1.14205	1.14205	8.53672	5.75803	0.599556	1
cg21203925	UBA52;UBA52	0.00843349	0.0293309	0.616825	-1.62121	0.431262	0.859673	-1.16323	0.608881	0.907428	-1.10202	0.282354	0.810357	-1.23402	0.00370671	0.478026	-2.09194	0.0230057	1.66833	1.66833	0.00451637	0.490499	-2.03874	0.110067	1.38796	1.38796	0.259385	1.24792	1.24792	6.23948	3.50132	0.498806	1
cg19748516	UBA52;UBA52	0.0187206	0.163034	0.664414	-1.50509	0.00373234	0.34117	-2.93109	0.154891	0.658345	-1.51896	0.825219	0.941076	-1.06261	0.0154647	0.442322	-2.26079	0.0255312	0.482552	-2.07232	0.0435604	0.528758	-1.89122	0.935489	1.02248	1.02248	0.00373505	0.341217	-2.93069	4.81108	5.74504	1.06145	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14865907	UBA52;UBA52	0.0226952	0.0228869	0.322153	-3.10412	0.111243	2.05828	2.05828	0.0418903	2.65303	2.65303	0.272553	1.60829	1.60829	0.0443861	0.382607	-2.61365
cg24577160	UBA5;ACAD11	0.00273674	0.0876641	0.634424	-1.57623	0.341223	0.789207	-1.26709	0.00271021	0.367933	-2.71788	0.0015141	0.331938	-3.01262	0.000291979	0.240445	-4.15896
cg09668276	UBA5;ACAD11	0.0321375	0.0647532	0.558087	-1.79183	0.00481935	0.349419	-2.86189	0.34197	0.759348	-1.31692	0.01322	0.421676	-2.37149	0.0723992	0.569106	-1.75714
cg10453758	UBA5;UBA5;ACAD11	0.0104813	0.00573689	0.292107	-3.4234	0.17036	0.608826	-1.6425	0.780344	0.909367	-1.09967	0.833395	0.930918	-1.07421	0.028153	0.414355	-2.41339
cg01899810	UBA5;UBA5;ACAD11	0.0197193	0.0721932	0.405627	-2.46532	0.0769893	2.42121	2.42121	0.0232694	3.3854	3.3854	0.0331581	0.326331	-3.06437	0.00461921	0.183647	-5.44521
cg22402555	UBA6	8.89E-05	0.0910884	0.654725	-1.52736	0.142466	1.4316	1.4316	0.0272102	0.551657	-1.81272	0.386386	1.22393	1.22393	4.26E-06	0.0890876	-11.2249
cg14742341	UBA6	0.00190906	0.431386	0.956615	-1.04535	0.0115	1.19077	1.19077	0.000625941	1.33709	1.33709	0.000447013	1.35784	1.35784	0.110208	0.908328	-1.10092
cg25695041	UBA6;LOC550112	0.00736415	0.00995224	0.526398	-1.8997	0.0643725	1.50627	1.50627	0.0230039	1.70917	1.70917	0.289271	0.805062	-1.24214	0.115893	0.714005	-1.40055
cg19515530	UBA6;LOC550112	0.0437313	0.513466	0.902669	-1.10783	0.569777	0.915063	-1.09282	0.567354	0.914541	-1.09344	0.0669168	1.37352	1.37352	0.049478	1.41393	1.41393
cg24309076	UBA7	0.000569472	0.000230762	0.413391	-2.41902	0.977353	0.995907	-1.00411	0.000795131	0.480917	-2.07936	0.310511	1.16371	1.16371	0.231199	1.19895	1.19895
cg24902842	UBA7	0.00144819	0.776654	0.94166	-1.06195	0.231053	0.766805	-1.30411	0.326276	0.807182	-1.23888	0.177896	0.738905	-1.35335	4.31E-05	0.193608	-5.16507
cg09874127	UBA7	0.00759226	0.00747582	0.205905	-4.85661	0.00195784	0.134117	-7.45616	0.00447613	0.175619	-5.69415	0.0095313	0.221614	-4.51235	0.00963304	0.222322	-4.49797
cg13597564	UBA7	0.00886937	0.00131726	0.126868	-7.88218	0.523317	0.751475	-1.33072	0.0363343	0.341342	-2.92961	0.675401	1.20445	1.20445	0.00354822	0.174555	-5.72887
cg19381811	UBA7	0.0464586	0.0104671	0.196394	-5.0918	0.507377	0.711971	-1.40455	0.0488446	0.321016	-3.11511	0.919129	0.949996	-1.05264	0.00606922	0.163673	-6.10974
cg16970828	UBA7;UBA7	0.0300287	0.0271147	0.213015	-4.69451	0.0058688	0.118656	-8.42775	0.0374233	0.239883	-4.16869	0.0614171	0.287744	-3.47531	0.00861794	0.138054	-7.24357
cg00655706	UBAC1	3.56E-05	4.45E-07	0.131509	-7.60405	0.151118	1.24447	1.24447	0.420766	0.889646	-1.12404	0.0449049	0.720912	-1.38713	0.00782065	0.615492	-1.62472
cg14354024	UBAC1	4.66E-05	4.76E-06	0.220819	-4.52861	0.00129557	0.50855	-1.96637	0.783055	0.960961	-1.04063	0.111684	1.28396	1.28396	0.292899	0.854339	-1.1705
cg14617448	UBAC1	0.00367829	0.476212	1.11647	1.11647	0.785952	1.04227	1.04227	0.26469	0.837947	-1.19339	0.652177	0.93332	-1.07144	0.784529	1.04256	1.04256
cg14452816	UBAC1	0.00625537	0.487103	0.885051	-1.12988	0.635743	1.08602	1.08602	0.350849	1.18065	1.18065	0.798223	1.0453	1.0453	0.472546	0.881294	-1.13469
cg15229026	UBAC1	0.0299172	0.542183	0.893034	-1.11978	0.574158	0.901128	-1.10972	0.0387921	1.55072	1.55072	0.0732768	0.693345	-1.44228	0.762253	0.945886	-1.05721
cg13620366	UBAC1	0.0388202	0.195068	0.546354	-1.83032	0.0389714	0.348517	-2.8693	0.0477309	0.368423	-2.71427	0.464262	0.719978	-1.38893	0.00332823	0.17157	-5.82852
cg11501364	UBAC2	0.00660308	0.405931	0.790085	-1.26569	0.957769	0.985433	-1.01478	0.00588419	0.368342	-2.71486	0.0958717	1.66	1.66	0.384451	0.781052	-1.28033
cg02702515	UBAC2;MIR623;UBAC2;UBAC2	0.0135075	0.561946	1.08118	1.08118	0.843706	0.974067	-1.02662	0.00466035	0.606003	-1.65016	0.965196	0.994209	-1.00583	0.059869	1.3266	1.3266
cg16193278	UBAC2;MIR623;UBAC2;UBAC2	0.026111	0.0767687	0.279762	-3.57447	0.143782	0.361863	-2.76348	0.115369	0.330279	-3.02774	0.0528267	0.240658	-4.15528	0.0259894	0.180831	-5.53001
cg21966289	UBAC2;UBAC2;UBAC2	0.000432078	2.18E-05	0.0580556	-17.2249	0.465762	1.28095	1.28095	0.00226721	4.15637	4.15637	0.0148239	0.36789	-2.71821	?	?	?
cg08263066	UBAC2;UBAC2;UBAC2	0.000828294	6.77E-05	0.352432	-2.83742	0.00322748	1.77646	1.77646	0.043144	1.39475	1.39475	0.531438	1.09489	1.09489	0.390142	1.1342	1.1342
cg16941122	UBAC2;UBAC2;UBAC2	0.00163195	0.000988785	0.192444	-5.19631	0.0067496	0.30657	-3.2619	0.00353391	0.264126	-3.78607	0.176087	0.616158	-1.62296	8.09E-05	0.0912545	-10.9584
cg16691989	UBAC2;UBAC2;UBAC2	0.00337241	0.968436	1.01911	1.01911	0.699397	1.20391	1.20391	0.536218	0.741131	-1.34929	0.0133324	0.230773	-4.33327	0.903847	1.0595	1.0595
cg15880501	UBAC2;UBAC2;UBAC2	0.00452193	0.00967674	0.326157	-3.066	0.0120352	0.342381	-2.92072	0.509128	1.2576	1.2576	0.232058	0.651196	-1.53564	0.00956237	0.32529	-3.07418
cg21461805	UBAC2;UBAC2;UBAC2	0.00851209	0.708936	0.923434	-1.08291	0.0255822	0.569237	-1.75674	0.0828751	0.665012	-1.50373	0.351324	1.22601	1.22601	0.00458279	0.448534	-2.22948
cg14065841	UBAC2;UBAC2;UBAC2	0.00871242	0.793385	0.970838	-1.03004	0.434103	0.913941	-1.09416	0.0139064	1.40862	1.40862	0.787909	0.970055	-1.03087	0.000678187	0.556729	-1.79621
cg04449126	UBAC2;UBAC2;UBAC2	0.0148866	0.00725355	1.54964	1.54964	0.389513	0.894482	-1.11797	0.391817	0.89499	-1.11733	0.0282042	1.38776	1.38776	0.204215	1.18463	1.18463
cg11667400	UBAC2;UBAC2;UBAC2	0.016857	0.217863	0.747217	-1.3383	0.0668171	0.630067	-1.58713	0.00922501	0.475707	-2.10213	0.306198	1.2689	1.2689	0.00534746	2.28132	2.28132
cg07450210	UBAC2;UBAC2;UBAC2	0.0179612	0.109424	0.622427	-1.60661	0.198313	0.691211	-1.44674	0.0410358	0.527037	-1.8974	0.0176424	0.456484	-2.19066	0.296182	0.74509	-1.34212
cg10898310	UBAC2;UBAC2;UBAC2	0.0224401	0.00608094	0.122381	-8.17123	0.0302791	0.224541	-4.45353	0.0431031	0.25543	-3.91496	0.211851	0.462418	-2.16255	0.00478495	0.11124	-8.98961
cg02445421	UBAC2;UBAC2;UBAC2	0.0264531	0.657818	0.930743	-1.07441	0.000871727	2.23461	2.23461	0.337628	1.17253	1.17253	0.672152	1.07094	1.07094	0.425314	0.877146	-1.14006
cg18423154	UBAC2;UBAC2;UBAC2	0.0305592	0.10364	0.715452	-1.39772	0.0186757	0.584893	-1.70972	0.0223092	1.67398	1.67398	0.0749839	1.45219	1.45219	0.18869	0.769501	-1.29954
cg21876656	UBAC2;UBAC2;UBAC2	0.0318429	0.0152494	0.177533	-5.63277	0.0130077	0.167333	-5.97612	0.79348	1.1644	1.1644	0.269432	0.513144	-1.94877	0.0254649	0.214288	-4.66663
cg16683060	UBAC2;UBAC2;UBAC2	0.0433468	0.105921	0.388875	-2.57152	0.96405	1.0244	1.0244	0.257584	0.531596	-1.88113	0.0130638	0.192689	-5.18971	0.0833875	0.35879	-2.78714
cg05271910	UBAC2;UBAC2;UBAC2	0.0470826	0.593456	0.93229	-1.07263	0.90838	0.985132	-1.01509	0.0356657	0.727507	-1.37456	0.0101447	1.52492	1.52492	0.366105	1.12842	1.12842
cg26663293	UBAC2;UBAC2;UBAC2;FKSG29	0.000911031	0.0324735	0.718878	-1.39106	0.940412	1.00991	1.00991	2.56E-05	0.332619	-3.00645	0.224684	1.18312	1.18312	0.0455489	0.739101	-1.353
cg14293633	UBAC2;UBAC2;UBAC2;FKSG29	0.0115721	0.790983	0.967988	-1.03307	0.00766327	0.657179	-1.52165	0.259003	0.865677	-1.15516	0.0769335	0.785904	-1.27242	0.000451145	0.507923	-1.9688
cg10091709	UBAC2;UBAC2;UBAC2;FKSG29	0.0223473	0.00327113	0.230218	-4.34372	0.175313	0.589747	-1.69564	0.535062	0.794413	-1.25879	0.0208948	0.361165	-2.76882	0.0418642	0.423468	-2.36145
cg18560638	UBAC2;UBAC2;UBAC2;MIR623	0.017674	0.0592751	0.63693	-1.57003	0.134975	1.40687	1.40687	0.133411	0.709669	-1.40911	0.111639	0.692771	-1.44348	0.00199716	0.396785	-2.52026
cg02213716	UBAC2;UBAC2;UBAC2;UBAC2	0.0118625	0.167609	1.15064	1.15064	0.0103987	1.36047	1.36047	0.359292	1.09409	1.09409	0.211098	0.881881	-1.13394	0.00612186	1.40676	1.40676
cg14077369	UBAP1;UBAP1;UBAP1;UBAP1;UBAP1;UBAP1	0.00121603	0.230384	0.819467	-1.22031	0.0240712	1.53073	1.53073	0.0237275	0.652349	-1.53292	0.607665	0.921326	-1.08539	8.23E-05	0.325406	-3.07309
cg07095569	UBAP2	0.0195607	0.380807	0.815429	-1.22635	0.739125	1.07881	1.07881	0.183693	1.37733	1.37733	0.000593244	0.300067	-3.33259	0.0441865	0.591716	-1.69
cg21511069	UBAP2	0.021064	0.420871	0.869539	-1.15003	0.335735	0.844721	-1.18382	0.0149007	1.66373	1.66373	0.0781229	1.3948	1.3948	0.479547	1.12997	1.12997
cg13690943	UBAP2	0.0292882	0.825798	1.04754	1.04754	0.706219	0.923312	-1.08306	0.141587	0.716745	-1.3952	0.0470718	1.61418	1.61418	0.343608	0.814187	-1.22822
cg11248189	UBAP2L	0.00862272	0.0136408	0.144574	-6.91687	0.00276897	0.0731002	-13.6798	0.278213	0.489335	-2.04359	0.0102211	0.128431	-7.78628	0.0172976	0.159171	-6.28255
cg09416366	UBAP2L	0.0240826	0.410539	0.879665	-1.1368	0.88333	0.977876	-1.02262	0.0452207	1.4191	1.4191	0.0244259	1.5046	1.5046	0.234452	1.20911	1.20911
cg08623154	UBAP2L;C1orf43;C1orf43;UBAP2L;C1orf43	0.0293562	0.210799	1.48709	1.48709	0.0657693	0.537202	-1.8615	0.104863	0.58661	-1.70471	0.338043	1.34612	1.34612	0.0255683	0.450063	-2.22191
cg09845883	UBAP2L;UBAP2L	0.00103036	0.0387587	0.387238	-2.58239	0.0104195	0.278432	-3.59154	0.0721495	0.451307	-2.21579	0.752729	1.13347	1.13347	0.00955045	0.272224	-3.67344
cg20516845	UBASH3A;UBASH3A	0.000685016	0.00205255	0.635403	-1.5738	0.00697033	1.43971	1.43971	0.501784	0.931294	-1.07377	0.235712	0.878317	-1.13854	0.124748	0.840696	-1.18949
cg09354050	UBASH3A;UBASH3A	0.0014425	0.000240773	0.604985	-1.65293	0.582274	0.95509	-1.04702	0.584898	1.04668	1.04668	0.133114	0.874571	-1.14342	0.00348513	0.720439	-1.38804
cg13826749	UBASH3A;UBASH3A	0.00205857	0.00649711	0.24677	-4.05235	0.00386089	0.214412	-4.66392	0.00829489	0.263156	-3.80003	0.448258	0.736601	-1.35759	0.00224627	0.184135	-5.4308
cg10690747	UBASH3A;UBASH3A	0.0457081	0.463594	1.14314	1.14314	0.00330912	2.04911	2.04911	0.787264	0.952653	-1.0497	0.949773	1.01136	1.01136	0.281565	1.22223	1.22223
cg06816055	UBASH3B	0.000727439	0.999799	1.00002	1.00002	0.0738819	1.18295	1.18295	0.213624	1.11677	1.11677	5.10E-05	0.527295	-1.89647	0.000214312	0.593774	-1.68414
cg05088257	UBASH3B	0.00553926	0.530153	1.18685	1.18685	0.0745535	0.585612	-1.70762	0.35537	1.29187	1.29187	0.620232	0.87411	-1.14402	0.000253865	0.197137	-5.07261
cg01735420	UBASH3B	0.0084152	0.111227	1.77806	1.77806	0.40251	0.752621	-1.32869	0.63194	0.852073	-1.17361	0.270079	1.46366	1.46366	0.757397	1.10825	1.10825
cg02657748	UBASH3B	0.0131911	0.0292924	0.492848	-2.02902	?	?	?	0.103293	0.612006	-1.63397	0.383594	0.78177	-1.27915	0.00143795	0.280917	-3.55977
cg16564135	UBASH3B	0.0158278	0.528468	0.805386	-1.24164	0.00388054	3.73627	3.73627	0.710901	0.881461	-1.13448	0.748062	1.11541	1.11541	0.00227537	0.235383	-4.2484
cg05229759	UBASH3B	0.0170562	0.0284076	0.325789	-3.06947	0.387743	0.681266	-1.46786	0.889367	1.0622	1.0622	0.405418	0.6914	-1.44634	0.0273497	0.322454	-3.10122
cg25994988	UBASH3B	0.0240025	0.0257406	0.451307	-2.21579	0.00382774	0.310009	-3.22571	0.00707295	0.351497	-2.84497	0.599786	1.17239	1.17239	0.0468973	0.504927	-1.98048
cg08706575	UBASH3B	0.0248748	0.00359501	0.161736	-6.1829	0.269008	0.587461	-1.70224	0.0133637	0.242692	-4.12046	0.113871	0.451661	-2.21405	0.00648637	0.194931	-5.13001
cg25262396	UBASH3B	0.026986	0.253185	0.837905	-1.19345	0.208507	0.821614	-1.21712	0.0226755	0.66745	-1.49824	0.38188	1.14214	1.14214	0.0781701	0.748261	-1.33643
cg20595198	UBASH3B	0.0343047	0.477926	0.820463	-1.21882	0.375075	0.779041	-1.28363	0.0121003	0.424008	-2.35845	0.00827486	0.396105	-2.52458	0.0125234	0.426596	-2.34414
cg20249071	UBASH3B	0.0493384	0.144245	0.422018	-2.36957	0.00364135	0.114928	-8.70107	0.290129	0.546711	-1.82912	0.79495	1.15401	1.15401	0.0548581	0.301917	-3.31217
cg26598388	UBB	4.81E-05	0.00811486	0.669294	-1.49411	0.00220779	0.601552	-1.66237	0.0169546	1.41197	1.41197	0.405397	1.10611	1.10611	0.00132667	0.575174	-1.73861
cg03919779	UBB	0.00357792	0.0605962	0.719387	-1.39007	0.000369736	0.411764	-2.42858	0.484456	1.11695	1.11695	0.250548	0.829517	-1.20552	0.00187306	0.503278	-1.98697
cg25745651	UBB	0.0058584	0.0076914	0.509348	-1.9633	0.529315	0.88203	-1.13375	0.462036	1.15891	1.15891	0.075784	0.677537	-1.47593	0.747661	0.938396	-1.06565
cg27351675	UBB	0.0170617	0.231469	0.775797	-1.289	0.384358	0.834928	-1.19771	0.000503798	3.00418	3.00418	0.889451	1.02853	1.02853	0.0717017	0.665815	-1.50192
cg08434171	UBB	0.0185531	0.229801	0.810896	-1.2332	0.00411691	0.527194	-1.89684	0.0675313	1.40599	1.40599	0.24102	1.22653	1.22653	0.0649611	0.708388	-1.41166
cg03954587	UBB	0.0307373	0.492415	1.14509	1.14509	0.11794	0.718979	-1.39086	0.120952	1.38652	1.38652	0.0562154	0.656915	-1.52227	0.289873	1.23797	1.23797
cg24668364	UBB	0.0312758	0.49132	1.26512	1.26512	0.057671	2.05877	2.05877	0.00618705	3.32388	3.32388	0.88578	1.04954	1.04954	0.955633	0.981457	-1.01889
cg25692892	UBB;UBB	0.0003474	0.51993	0.810387	-1.23398	0.520422	0.810594	-1.23366	0.000642076	0.184773	-5.41204	0.242312	0.674062	-1.48354	0.319059	0.717549	-1.39363
cg21747698	UBC	0.00398296	0.0885007	0.842401	-1.18708	0.225215	0.890259	-1.12327	0.0994311	1.17917	1.17917	0.0534414	1.22165	1.22165	0.00175429	1.5022	1.5022
cg19888787	UBC	0.036796	0.59617	0.911537	-1.09705	0.791944	0.955246	-1.04685	0.0433671	1.4954	1.4954	0.542719	0.898785	-1.11261	0.113287	0.741955	-1.34779
cg19658829	UBC	0.0421779	0.640194	1.142	1.142	0.0360183	2.02131	2.02131	0.0848166	0.579572	-1.72541	0.00681586	0.357018	-2.80098	0.0483002	0.522436	-1.91411
cg26312059	UBC	0.0433294	0.422087	1.31194	1.31194	0.0137988	2.73929	2.73929	0.125284	1.73207	1.73207	0.216461	1.5382	1.5382	0.672461	0.868675	-1.15118
cg05157433	UBD	6.43E-07	0.00608917	0.711451	-1.40558	0.021137	1.30158	1.30158	3.10E-07	0.241417	-4.1422	4.12E-05	0.47565	-2.10239	1.27E-07	0.202983	-4.92652
cg24727561	UBD	1.55E-06	0.790359	0.969013	-1.03198	0.350401	0.892658	-1.12025	6.98E-07	0.203808	-4.90659	0.135666	1.20923	1.20923	4.40E-08	0.103565	-9.65579
cg01024792	UBD	5.98E-06	0.975299	1.00385	1.00385	0.372267	1.12032	1.12032	1.13E-06	0.208376	-4.79903	0.209657	0.848754	-1.1782	0.0629609	1.29621	1.29621
cg09721630	UBD	0.000113266	0.188181	1.26366	1.26366	0.0287081	1.54189	1.54189	0.000120255	0.323698	-3.0893	0.187679	1.26403	1.26403	0.00320194	0.509019	-1.96456
cg21288364	UBD	0.000146556	0.0559904	1.39642	1.39642	0.0087616	0.597502	-1.67364	6.03E-05	0.318773	-3.13703	0.258738	1.19932	1.19932	1.46E-05	0.24916	-4.01349
cg20720118	UBD	0.000149511	0.581628	0.92678	-1.079	0.075458	1.31049	1.31049	0.000753081	0.497463	-2.0102	0.774787	0.961562	-1.03997	0.000307375	0.449041	-2.22697
cg24058145	UBD	0.000331613	0.0589922	0.47576	-2.1019	0.0605835	2.08982	2.08982	0.0040261	0.260283	-3.84197	0.0347858	0.424361	-2.35648	0.000330903	0.132792	-7.53057
cg14809932	UBD	0.000767624	0.398249	1.26928	1.26928	0.615475	0.869687	-1.14984	0.000912338	0.25489	-3.92326	0.0054684	0.365199	-2.73823	0.00840387	0.395311	-2.52965
cg15320474	UBD	0.000767703	0.804086	1.06287	1.06287	0.0219424	1.96283	1.96283	0.00772857	0.431946	-2.3151	0.741278	1.08468	1.08468	0.459164	0.83118	-1.20311
cg17987649	UBD	0.00203159	0.712543	0.965044	-1.03622	0.205027	0.879351	-1.1372	0.000573146	0.598916	-1.66968	0.00468079	0.696633	-1.43548	0.000804891	0.614935	-1.62619
cg13927803	UBD	0.00326116	0.533991	1.07157	1.07157	0.00140936	1.6609	1.6609	0.00122526	0.595088	-1.68042	0.0263871	0.74903	-1.33506	0.892408	0.985257	-1.01496
cg05087623	UBD	0.00558536	0.142356	0.586469	-1.70512	0.0716411	1.97505	1.97505	0.00595927	0.296233	-3.37572	0.0786052	0.516336	-1.93672	0.00369882	0.265195	-3.77081
cg05114858	UBD	0.00580246	0.594582	0.951914	-1.05052	0.0157764	0.762332	-1.31176	0.0569842	0.820697	-1.21848	0.0238266	0.780801	-1.28074	0.0695747	0.830102	-1.20467
cg13206902	UBD	0.00581257	0.0223575	0.470893	-2.12362	0.162755	0.663645	-1.50683	0.00177517	0.293903	-3.40248	0.0351585	0.509054	-1.96443	0.723622	0.906925	-1.10263
cg08190562	UBD	0.0106584	0.397606	0.783401	-1.27649	0.0173162	0.441775	-2.2636	0.952471	1.01694	1.01694	0.370217	1.29608	1.29608	0.559451	1.18098	1.18098
cg10516386	UBD	0.019826	0.0810889	0.739495	-1.35227	0.309375	0.848613	-1.17839	0.0793871	0.737966	-1.35508	0.0461809	0.700152	-1.42826	0.000384408	0.41305	-2.42101
cg16902425	UBD	0.0404218	0.655717	1.06144	1.06144	0.0295786	0.711503	-1.40548	0.0478919	0.74042	-1.35059	0.477456	0.908486	-1.10073	0.0583375	1.32877	1.32877
cg07326586	UBD	0.0479289	0.327146	0.657493	-1.52093	0.114517	2.03711	2.03711	0.262967	0.616452	-1.62219	0.079489	0.446248	-2.2409	0.0265046	0.336112	-2.9752
cg23522780	UBE2A;UBE2A	0.00454988	0.156376	0.639794	-1.563	0.000510131	0.202128	-4.94735	0.0114418	0.393707	-2.53996	0.0612428	0.537274	-1.86125	0.000325721	0.180656	-5.53538
cg14254545	UBE2A;UBE2A;UBE2A	0.000213758	0.112164	0.702725	-1.42303	0.00577144	0.478181	-2.09126	0.664943	1.09295	1.09295	0.638591	1.1013	1.1013	0.000244489	0.290411	-3.4434
cg04162504	UBE2A;UBE2A;UBE2A	0.0289444	0.525892	0.789614	-1.26644	0.137605	0.555631	-1.79976	0.118698	0.536631	-1.86348	0.322729	0.687017	-1.45557	0.004749	0.252052	-3.96744
cg11781344	UBE2B	0.00466944	0.819323	0.962423	-1.03904	0.176781	1.27172	1.27172	0.0684354	1.40706	1.40706	0.0353287	1.50727	1.50727	0.000457838	0.397005	-2.51886
cg10942898	UBE2B	0.0146796	0.00266634	0.665667	-1.50225	0.312522	1.10777	1.10777	0.317461	1.10654	1.10654	0.633521	1.04818	1.04818	0.302014	0.900544	-1.11044
cg08513100	UBE2B	0.0407512	?	?	?	?	?	?	0.607134	1.36209	1.36209	0.403114	0.599943	-1.66683	0.206818	0.449894	-2.22275
cg04983925	UBE2B;UBE2B	0.00313984	0.694586	1.04282	1.04282	0.401499	0.912797	-1.09553	0.614126	0.947412	-1.05551	0.171837	0.856799	-1.16713	0.309604	0.89429	-1.11821
cg20034785	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.000244223	0.000765918	0.273272	-3.65936	0.146484	1.48694	1.48694	0.000925353	0.283892	-3.52246	0.452309	0.822921	-1.21518	0.000591754	0.259131	-3.85904
cg13736875	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.00547414	0.174564	0.817126	-1.2238	0.00102466	1.97523	1.97523	0.107439	1.27853	1.27853	0.545475	1.08933	1.08933	0.978026	1.00386	1.00386
cg02838589	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.0478414	0.161205	0.372948	-2.68134	0.0782822	0.275451	-3.63041	0.0402741	0.209759	-4.76737	0.44845	1.66394	1.66394	0.12115	0.33029	-3.02764
cg19222480	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.0017246	0.00144385	0.682892	-1.46436	0.551077	1.05123	1.05123	0.00596021	1.34693	1.34693	0.00697226	0.748931	-1.33524	0.0161035	0.783537	-1.27626
cg22431438	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.023108	0.199925	1.20305	1.20305	0.150351	0.810201	-1.23426	0.0483241	1.36072	1.36072	0.120083	1.25886	1.25886	0.482822	1.10227	1.10227
cg13853156	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.0379936	0.00615151	0.358681	-2.78799	0.708274	0.897782	-1.11386	0.195601	0.67527	-1.48089	0.00728152	0.370485	-2.69917	0.763521	1.09042	1.09042
cg18038749	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.0465652	0.135159	0.691037	-1.4471	0.17194	1.39608	1.39608	0.219348	1.345	1.345	0.820441	0.949169	-1.05355	0.232274	0.750171	-1.33303
cg06122000	UBE2CBP	0.000165942	0.00119725	0.769569	-1.29943	0.0213612	1.16487	1.16487	0.243319	1.06968	1.06968	0.436	0.957098	-1.04482	0.0517568	1.12991	1.12991
cg25830252	UBE2CBP	0.00611684	0.203205	0.651006	-1.53608	0.00759914	0.33386	-2.99526	0.0188457	0.402867	-2.48221	0.375091	0.747578	-1.33765	0.000232055	0.141958	-7.04434
cg18497098	UBE2CBP	0.0138749	0.0400569	0.350151	-2.85591	0.00757639	4.56828	4.56828	0.0163458	3.66275	3.66275	0.051217	2.66949	2.66949	0.050696	0.373553	-2.677
ch.6.1693624F	UBE2CBP	0.0232786	0.0104636	0.281219	-3.55594	0.0673579	0.44622	-2.24105	0.0331914	0.375267	-2.66477	0.0300977	0.36636	-2.72955	0.00452085	0.225491	-4.43476
cg22103183	UBE2CBP	0.0454435	0.343579	0.749331	-1.33452	0.00404701	0.31928	-3.13205	0.134728	0.620673	-1.61116	0.952383	0.982493	-1.01782	0.133662	1.61359	1.61359
cg13674558	UBE2CBP;DOPEY1	2.29E-06	1.75E-06	0.143117	-6.98729	0.000414096	0.401608	-2.48999	0.00150404	0.474873	-2.10583	4.06E-05	0.279315	-3.58018	4.01E-07	0.0949067	-10.5367
cg02535012	UBE2CBP;DOPEY1	0.00684054	0.0276194	0.238073	-4.20039	0.00116904	0.0723735	-13.8172	0.0234413	0.224957	-4.44529	0.254237	0.518905	-1.92714	0.00290202	0.104797	-9.5423
cg06430387	UBE2D1	0.000447076	0.0448439	1.65777	1.65777	0.00860136	2.08674	2.08674	0.802812	1.05646	1.05646	0.148536	1.40518	1.40518	4.53E-05	5.43722	5.43722
cg27262137	UBE2D1	0.00392732	0.056044	0.757167	-1.32071	0.00162907	0.559781	-1.78641	0.0125329	1.4906	1.4906	0.00157711	0.558041	-1.79198	0.530585	1.08508	1.08508
cg16385225	UBE2D1	0.0273597	0.490463	0.871109	-1.14796	0.319407	1.22471	1.22471	0.125963	1.38567	1.38567	0.180604	0.755727	-1.32323	0.0290447	0.602369	-1.66011
cg06642248	UBE2D1	0.0411	0.0808135	0.706796	-1.41484	0.073725	0.699566	-1.42946	0.00119153	0.426794	-2.34305	0.917542	0.981611	-1.01873	0.041645	0.656434	-1.52338
cg23210424	UBE2D1	0.0453773	0.0439471	0.555881	-1.79894	0.765459	1.07883	1.07883	0.394624	1.24749	1.24749	0.576438	0.866639	-1.15388	0.45388	0.824067	-1.21349
cg06077733	UBE2D1;UBE2D1	0.00845751	0.000305379	0.153608	-6.51006	0.0596311	0.507171	-1.97172	0.302079	0.710729	-1.40701	0.941023	0.976645	-1.02391	0.894679	0.958579	-1.04321
cg16264466	UBE2D2;UBE2D2	0.000214858	0.000134699	0.38484	-2.59848	0.0424534	1.40135	1.40135	0.184193	0.815931	-1.22559	0.148578	1.25076	1.25076	6.09E-05	0.343397	-2.91208
cg25134306	UBE2D2;UBE2D2	0.00118956	0.972983	1.00809	1.00809	0.0957366	0.646928	-1.54577	0.0424946	1.74371	1.74371	0.000856618	3.29337	3.29337	0.68879	0.908626	-1.10056
cg24105744	UBE2D2;UBE2D2	0.00286493	0.0143248	0.415102	-2.40905	0.000201111	0.162592	-6.15035	0.00158347	0.266998	-3.74535	0.165298	0.649919	-1.53865	0.0137543	0.411962	-2.42741
cg18302291	UBE2D2;UBE2D2	0.00648233	0.246351	0.818384	-1.22192	0.000139059	0.336818	-2.96896	0.0111497	0.590997	-1.69206	0.8211	0.963248	-1.03815	0.0257046	0.645316	-1.54963
cg11713336	UBE2D2;UBE2D2	0.00794028	0.0279142	1.39217	1.39217	0.413633	0.899025	-1.11232	0.00472692	1.61284	1.61284	0.023857	1.40974	1.40974	0.00452017	1.61916	1.61916
cg24533257	UBE2D2;UBE2D2	0.00947817	0.715154	1.08959	1.08959	0.40809	0.820293	-1.21908	0.469107	1.18819	1.18819	0.726294	1.08576	1.08576	0.400479	1.22321	1.22321
cg17333036	UBE2D2;UBE2D2	0.0102573	0.219775	1.94375	1.94375	0.000624413	0.0665334	-15.03	0.233084	0.525186	-1.90409	0.573777	1.3401	1.3401	0.283703	1.77476	1.77476
cg06014474	UBE2D2;UBE2D2	0.0171734	0.450992	1.0961	1.0961	0.00154097	1.7234	1.7234	0.0732212	1.26959	1.26959	0.873996	0.981217	-1.01914	0.0318656	0.740444	-1.35054

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14865907	0.365857	1.47192	1.47192	0.0104127	0.26127	-3.82746	0.46598	0.734403	-1.36165	0.429268	0.714808	-1.39898	4.50552	12.3539	2.43728	1
cg24577160	0.006709	0.427988	-2.33652	0.0834858	0.629753	-1.58792	0.602866	1.13508	1.13508	0.0147343	0.484555	-2.06375	8.7942	8.11478	0.820215	1
cg09668276	0.619444	1.15115	1.15115	0.193364	1.47254	1.47254	0.0855792	0.586087	-1.70623	0.262333	0.719928	-1.38903	3.98775	4.99271	1.1129	1
cg10453758	0.103045	0.545491	-1.83321	0.000627725	0.167526	-5.96924	0.00833227	0.317932	-3.14533	0.121409	0.565141	-1.76947	5.82225	10.6496	1.62588	1
cg01899810	0.223178	0.562399	-1.7781	0.673602	0.826544	-1.20986	0.57591	0.775596	-1.28933	0.910995	1.05157	1.05157	4.72719	15.1386	2.84662	1
cg22402555	0.000170367	0.233505	-4.28256	0.000124426	0.218248	-4.58194	0.509963	0.858901	-1.16428	0.0123834	0.492373	-2.03098	22.849	18.7413	0.729088	1
cg14742341	0.00423293	1.23551	1.23551	0.0206707	1.16638	1.16638	0.140443	1.09154	1.09154	0.377468	1.05129	1.05129	9.77339	0.472189	0.0429455	1
cg25695041	0.00949043	0.523183	-1.91138	0.00471152	0.476991	-2.09647	0.0838541	0.685842	-1.45806	0.171421	0.750489	-1.33246	6.51116	4.00714	0.547046	1
cg19515530	0.985696	0.997234	-1.00277	0.0046771	0.55931	-1.78792	0.235806	0.825326	-1.21164	0.291021	1.18449	1.18449	3.5634	1.34755	0.336145	1
cg24309076	0.00290257	1.80655	1.80655	0.00134416	0.510127	-1.9603	0.209138	1.21079	1.21079	0.0518955	0.72645	-1.37656	13.783	4.55677	0.293874	1
cg24902842	0.117043	1.43311	1.43311	0.288912	0.792413	-1.26197	0.0380479	1.66238	1.66238	0.00454213	0.44978	-2.22331	10.5861	7.48933	0.628861	1
cg09874127	0.0190414	0.271838	-3.67865	0.0183026	0.268729	-3.72123	0.0393824	0.334975	-2.9853	0.0351005	0.324149	-3.08501	6.44925	21.5097	2.96465	1
cg13597564	0.0407519	0.352269	-2.83874	0.0105307	0.241321	-4.14386	0.589027	0.785901	-1.27243	0.0113702	0.246692	-4.05364	6.14078	18.9757	2.74677	1
cg19381811	0.302484	0.583025	-1.71519	0.0870158	0.384981	-2.59753	0.731182	1.19028	1.19028	0.0528784	0.329105	-3.03854	3.48357	14.0759	3.59168	1
cg16970828	0.024351	0.204697	-4.88528	0.0524855	0.271605	-3.68181	0.221128	0.467525	-2.13893	0.127381	0.377375	-2.64988	4.08545	22.6099	4.91933	1
cg00655706	0.00485102	0.587998	-1.70069	0.0126345	0.643537	-1.55391	0.000911948	0.494151	-2.02367	0.00171788	0.529338	-1.88915	29.1262	9.32333	0.284534	1
cg14354024	0.419538	1.12637	1.12637	7.80E-06	0.24311	-4.11336	0.161205	1.24097	1.24097	0.0540054	0.729375	-1.37104	27.1221	8.94165	0.293051	1
cg14617448	0.156602	1.25916	1.25916	4.97E-05	0.314092	-3.18378	0.346866	0.863018	-1.15872	0.160897	0.796312	-1.25579	8.05301	2.9501	0.325631	1
cg14452816	0.000330801	0.367013	-2.7247	0.0100254	0.569973	-1.75447	0.117846	1.34139	1.34139	0.0174328	0.60618	-1.64968	6.85033	3.24513	0.421083	1
cg15229026	0.517463	1.12786	1.12786	0.00879261	0.542387	-1.8437	0.522309	1.12626	1.12626	0.00920251	0.545372	-1.83361	4.09085	2.17825	0.473307	1
cg13620366	0.0383286	0.346931	-2.88242	0.0135547	0.259884	-3.84788	0.742993	0.864916	-1.15618	0.32117	0.636308	-1.57157	3.72389	11.4734	2.73869	1
cg11501364	0.963942	1.01261	1.01261	0.000818872	0.247188	-4.04551	0.44827	0.807222	-1.23882	0.0025441	0.313343	-3.19139	6.73639	8.19287	1.08108	1
cg02702515	0.00380655	0.594825	-1.68117	0.0665888	1.31497	1.31497	0.0807591	0.772762	-1.29406	0.959535	0.993269	-1.00678	5.36254	1.50488	0.249447	1
cg16193278	0.152348	0.370753	-2.69721	0.00139309	0.0499126	-20.035	0.842972	0.879539	-1.13696	0.0163934	0.149794	-6.67585	4.29168	28.4685	5.89638	1
cg21966289	0.193847	1.58181	1.58181	0.902327	0.959874	-1.0418	0.798518	0.918213	-1.08907	0.226034	1.52816	1.52816	15.2448	23.8804	1.56647	1
cg08263066	0.18109	0.816236	-1.22514	0.268984	1.17896	1.17896	0.168454	1.23351	1.23351	0.0041542	1.73223	1.73223	12.41	4.01935	0.287892	1
cg16941122	0.0462139	0.463517	-2.15742	0.0395588	0.448687	-2.22872	0.429463	0.762211	-1.31197	0.0103333	0.337002	-2.96734	10.2279	18.3594	1.59559	1
cg16691989	0.686004	0.823335	-1.21457	4.53E-05	0.0249826	-40.0278	0.103128	0.426251	-2.34603	0.653475	0.805626	-1.24127	8.26506	29.9441	3.22042	1
cg15880501	0.0426111	0.449817	-2.22312	0.00133443	0.202646	-4.93472	0.0296131	2.40234	2.40234	0.0232072	0.395064	-2.53124	7.56655	14.0364	1.64894	1
cg21461805	0.0713095	0.651877	-1.53403	0.0220183	1.79227	1.79227	0.97342	1.0071	1.0071	0.0102027	1.98988	1.98988	6.22122	4.44632	0.635291	1
cg14065841	0.0218089	0.733177	-1.36393	0.0421572	0.768013	-1.30206	0.550203	1.07053	1.07053	0.913597	1.01231	1.01231	6.17561	1.24338	0.178966	1
cg04449126	0.0109273	1.49773	1.49773	0.0963141	0.793811	-1.25975	0.106701	0.80033	-1.24948	0.216939	0.848501	-1.17855	5.19371	1.31536	0.22512	1
cg11667400	0.121275	1.45886	1.45886	0.0847532	1.53503	1.53503	0.697862	1.09166	1.09166	0.605987	1.12408	1.12408	4.98353	3.98859	0.711426	1
cg07450210	0.650516	0.883472	-1.1319	0.00258254	0.321535	-3.11008	0.546512	0.847242	-1.1803	0.0019032	0.302726	-3.30332	4.87867	5.70182	1.03887	1
cg10898310	0.0534213	0.276194	-3.62065	0.0093552	0.144741	-6.9089	0.607771	0.738153	-1.35473	0.0992672	0.346557	-2.88553	4.52307	24.6372	4.84178	1
cg02445421	0.111342	1.32213	1.32213	0.903575	0.980676	-1.01971	0.15583	0.783107	-1.27696	0.116901	1.31556	1.31556	4.27219	1.75406	0.364956	1
cg18423154	0.146777	0.746029	-1.34043	0.110691	1.3868	1.3868	0.32078	0.824481	-1.21288	0.860765	0.967509	-1.03358	4.06009	2.27606	0.498305	1
cg21876656	0.670526	0.780156	-1.28179	0.0161502	0.181345	-5.51434	0.520826	1.45873	1.45873	0.0281569	0.222254	-4.49937	4.00092	21.3259	4.73799	1
cg16683060	0.272518	0.542903	-1.84195	0.0110994	0.182132	-5.49052	0.533014	1.40172	1.40172	0.0123234	0.188851	-5.29519	3.57515	16.1963	4.02688	1
cg05271910	0.428237	1.11097	1.11097	0.0214524	1.43265	1.43265	0.789028	1.03551	1.03551	0.296843	0.868719	-1.15112	3.46612	0.929404	0.238346	1
cg26663293	0.804745	0.96787	-1.0332	0.0717443	1.30354	1.30354	0.762202	0.960777	-1.04082	0.00310613	0.586625	-1.70467	12.0811	3.32618	0.24473	1
cg14293633	0.6369	1.05997	1.05997	0.101713	0.802962	-1.24539	0.44055	0.908155	-1.10113	0.0208746	0.711379	-1.40572	5.63945	1.33999	0.211209	1
cg10091709	0.00466109	0.251945	-3.96912	0.457904	0.758097	-1.31909	0.616604	1.20315	1.20315	0.063803	0.46609	-2.14551	4.52952	9.62941	1.88971	1
cg18560638	0.0238125	0.564713	-1.77081	0.272979	0.785295	-1.27341	0.629	1.10864	1.10864	0.0175243	0.542015	-1.84497	4.90516	3.48646	0.6318	1
cg02213716	0.91057	0.989338	-1.01078	0.0252968	0.775911	-1.28881	0.0164191	1.32282	1.32282	0.055719	1.22975	1.22975	5.59437	0.806404	0.128129	1
cg14077369	0.000819656	0.450267	-2.22091	0.816808	1.0374	1.0374	0.933949	0.98697	-1.0132	0.0211218	0.644834	-1.55079	11.1295	4.41327	0.352477	1
cg07095569	0.128575	0.688782	-1.45184	0.791765	0.941708	-1.0619	0.723221	1.08406	1.08406	0.641252	1.11239	1.11239	4.74016	3.8677	0.725282	1
cg21511069	0.0355597	1.51583	1.51583	0.190554	0.790064	-1.26572	0.0193074	1.61776	1.61776	0.00886241	1.76178	1.76178	4.62222	2.11565	0.406856	1
cg13690943	0.0118709	0.515946	-1.93819	0.0115527	0.514037	-1.94538	0.290852	0.793774	-1.2598	0.0205044	0.555325	-1.80075	4.12178	2.89814	0.625002	1
cg11248189	0.0188473	0.16476	-6.06945	0.00116715	0.0487363	-20.5186	0.28933	0.498003	-2.00802	0.105442	0.325888	-3.06854	6.19587	39.4257	5.6562	1
cg09416366	0.0833683	0.746758	-1.33912	0.0051589	1.75538	1.75538	0.137252	1.27617	1.27617	0.195276	0.811641	-1.23207	4.41414	1.62273	0.326774	1
cg08623154	0.172985	0.646347	-1.54716	0.445334	1.26383	1.26383	0.0207275	2.31196	2.31196	0.0817545	1.78697	1.78697	4.1184	5.9078	1.2751	1
cg09845883	0.00681848	0.249205	-4.01275	5.03E-05	0.0491183	-20.359	0.844369	0.925046	-1.08103	0.000538877	0.118399	-8.446	11.6671	29.0374	2.21229	1
cg20516845	0.00142717	0.617738	-1.61881	0.00013291	0.500691	-1.99724	0.012503	0.722942	-1.38324	0.00214314	0.637499	-1.56863	13.09	2.26013	0.153476	1
cg09354050	0.0148675	0.780518	-1.2812	0.00347544	1.38827	1.38827	0.0626121	1.18923	1.18923	0.507228	0.94587	-1.05723	10.5981	1.14832	0.0963122	1
cg13826749	0.00576677	0.239057	-4.1831	0.000510346	0.116837	-8.55892	0.00263143	0.192641	-5.19099	0.00371729	0.212184	-4.71289	9.56111	23.6944	2.20285	1
cg10690747	0.138534	1.33103	1.33103	0.0264971	0.623946	-1.6027	0.366354	1.18107	1.18107	0.837061	0.963747	-1.03762	3.50496	1.78501	0.452696	1
cg06816055	0.0490041	0.827336	-1.2087	0.141334	0.87512	-1.1427	0.095526	0.856902	-1.16699	0.996118	1.00041	1.00041	12.8714	1.44984	0.100125	1
cg05088257	0.0022574	0.316242	-3.16214	0.797389	0.93305	-1.07175	0.951271	1.0166	1.0166	0.0775843	0.589551	-1.69621	7.112	8.17243	1.02143	1
cg01735420	0.00061675	0.174007	-5.74689	0.00648138	0.309144	-3.23473	0.520913	0.805864	-1.2409	0.0998459	1.81881	1.81881	6.24376	10.8808	1.54904	1
cg02657748	0.0022552	0.307912	-3.24768	0.838208	0.945219	-1.05796	0.442749	0.806012	-1.24068	0.986442	0.995329	-1.00469	5.50876	5.8888	1.06899	1
cg16564135	0.528756	0.805511	-1.24145	0.312825	1.4245	1.4245	0.0852695	0.524774	-1.90558	0.907759	0.96148	-1.04006	5.08926	9.25782	1.61697	1
cg05229759	0.0776441	0.427308	-2.34023	0.00136449	0.133346	-7.49926	0.0334011	0.340378	-2.93791	0.00742992	0.224297	-4.45837	4.964	14.7768	2.64604	1
cg25994988	0.483657	0.807487	-1.23841	0.300041	0.724258	-1.38072	0.032637	0.471872	-2.11922	0.892463	1.04147	1.04147	4.41924	6.3156	1.27032	1
cg08706575	0.164597	0.504016	-1.98406	0.68431	1.20791	1.20791	0.683897	1.20823	1.20823	0.131363	0.471112	-2.12264	4.36485	14.7607	3.00598	1
cg25262396	0.475103	0.89796	-1.11364	0.00151488	0.508137	-1.96797	0.20728	1.21783	1.21783	0.399309	0.879969	-1.1364	4.24243	1.47554	0.309159	1
cg20595198	0.522502	0.837138	-1.19455	0.668973	1.12521	1.12521	0.136937	1.5518	1.5518	0.542129	0.844302	-1.18441	3.89528	4.64076	1.05901	1
cg20249071	0.177447	0.454606	-2.19971	0.0311339	0.248755	-4.02001	0.0277426	0.239092	-4.18249	0.60059	0.747857	-1.33715	3.40532	16.3143	4.25851	1
cg26598388	1.53E-06	0.237041	-4.21868	0.936326	1.00951	1.00951	0.000377945	0.510176	-1.96011	0.0045963	0.639616	-1.56344	26.9002	5.97921	0.197576	1
cg03919779	0.255444	0.831251	-1.20301	0.00225004	0.5139	-1.9459	0.242114	0.826474	-1.20996	0.0093739	0.598777	-1.67007	8.12009	3.11669	0.341177	1
cg25745651	0.197351	0.764578	-1.30791	0.00217343	0.428567	-2.33336	0.227765	1.28324	1.28324	0.00303953	2.22523	2.22523	6.99047	4.29565	0.546223	1
cg27351675	0.401875	1.18951	1.18951	0.320799	0.812622	-1.23058	0.880219	1.03097	1.03097	0.732391	1.07189	1.07189	4.96347	3.2162	0.575977	1
cg08434171	0.717546	0.941355	-1.0623	0.0299114	0.653777	-1.52957	0.0213166	0.631072	-1.58461	0.101776	0.742311	-1.34715	4.82569	2.11519	0.389617	1
cg03954587	0.00232117	2.28564	2.28564	0.322319	0.819814	-1.21979	0.628708	1.09932	1.09932	0.983014	1.00415	1.00415	4.0517	2.42333	0.531646	1
cg24668364	0.91273	0.963789	-1.03757	0.00560518	0.294181	-3.39927	0.927816	1.03095	1.03095	0.819816	1.07978	1.07978	4.02668	7.21807	1.59338	1
cg25692892	2.23E-05	0.0644759	-15.5097	0.0230562	2.40126	2.40126	0.550876	1.21471	1.21471	0.00399036	3.48114	3.48114	15.8016	26.001	1.46264	1
cg21747698	0.188783	1.13549	1.13549	0.00115966	0.646971	-1.54566	0.470535	0.935201	-1.06929	0.199887	1.13155	1.13155	7.8626	1.03712	0.117249	1
cg19888787	0.0110732	1.73628	1.73628	0.0555834	1.45602	1.45602	0.07872	1.40238	1.40238	0.143566	0.76171	-1.31284	3.79751	1.804	0.422266	1
cg19658829	0.39216	1.28134	1.28134	0.725786	1.10436	1.10436	0.35864	0.765617	-1.30614	0.733669	0.908214	-1.10106	3.93837	4.84686	0.957192	1
cg26312059	0.158783	0.607334	-1.64654	0.119856	0.571962	-1.74837	0.0266122	0.418963	-2.38685	0.400684	1.3295	1.3295	3.57568	6.2074	1.54312	1
cg05157433	0.297796	0.902477	-1.10806	0.00795558	1.38193	1.38193	1.07E-06	0.297775	-3.35824	9.89E-05	0.518325	-1.92929	82.0684	11.748	0.127243	1
cg24727561	0.00682234	0.660969	-1.51293	0.200737	1.1731	1.1731	0.00816102	0.670333	-1.4918	0.974175	0.996183	-1.00383	65.6096	14.5028	0.196487	1
cg01024792	0.30417	0.876354	-1.14109	6.61E-07	0.186047	-5.375	7.00E-05	0.406463	-2.46025	0.151341	1.21008	1.21008	46.3372	11.2889	0.216555	1
cg09721630	0.0694483	0.711202	-1.40607	0.0137113	1.66773	1.66773	1.32E-05	0.216022	-4.62917	0.162144	1.28463	1.28463	21.4142	9.55123	0.396465	1
cg21288364	0.00302739	0.53431	-1.87157	0.149138	0.787719	-1.26949	0.0037501	0.546857	-1.82863	0.00587971	0.573503	-1.74367	19.9816	7.52916	0.334938	1
cg20720118	0.0073911	0.62402	-1.60251	0.0293149	1.42016	1.42016	1.29E-05	0.285877	-3.49801	0.137789	1.24403	1.24403	19.8744	5.87637	0.262823	1
cg24058145	0.00227135	0.225964	-4.42549	7.05E-05	0.0799587	-12.5064	0.000202045	0.113958	-8.77515	0.493499	0.784856	-1.27412	16.0046	30.7625	1.70853	1
cg14809932	0.0505322	0.540971	-1.84853	0.00747208	0.386922	-2.5845	3.60E-05	0.111273	-8.98687	0.668161	1.12625	1.12625	12.6785	15.2627	1.07006	1
cg15320474	0.301637	0.769091	-1.30024	0.948519	1.01597	1.01597	1.39E-05	0.107959	-9.26275	0.453836	0.829285	-1.20586	12.6782	12.0854	0.847327	1
cg17987649	0.816588	0.97791	-1.02259	0.833319	1.02047	1.02047	0.000548608	0.596845	-1.67548	0.0668707	0.82076	-1.21838	9.59796	1.40528	0.130146	1
cg13927803	0.156767	0.846857	-1.18084	0.812602	0.974272	-1.02641	0.197605	0.861165	-1.16122	0.00631356	0.676822	-1.47749	8.34822	1.59258	0.169573	1
cg05087623	0.0173766	0.375288	-2.66462	0.0623468	0.491705	-2.03374	0.00195458	0.227235	-4.40073	0.0160154	0.368751	-2.71185	7.09391	12.8633	1.61181	1
cg05114858	0.00457284	0.70723	-1.41397	0.166642	0.873465	-1.14487	0.000348975	0.590095	-1.69464	0.253454	1.11563	1.11563	7.01117	0.934604	0.118491	1
cg13206902	0.00875388	0.398974	-2.50643	0.268765	1.37291	1.37291	0.00252959	0.315564	-3.16893	0.148691	1.53142	1.53142	7.00741	8.40254	1.06586	1
cg08190562	0.101336	0.60314	-1.65799	0.564233	0.848506	-1.17854	0.000247709	0.181726	-5.50279	0.855596	0.949954	-1.05268	5.79101	7.28529	1.11825	1
cg10516386	0.0789408	0.73756	-1.35582	0.399704	0.874132	-1.14399	0.751829	0.951702	-1.05075	0.756005	0.952527	-1.04984	4.71855	1.81959	0.342778	1
cg16902425	0.744412	1.04443	1.04443	0.0193366	1.45625	1.45625	0.114215	0.795884	-1.25646	0.826402	0.971236	-1.02962	3.66892	1.02594	0.248559	1
cg07326586	0.174137	0.549196	-1.82084	0.0588046	0.412824	-2.42234	0.00707784	0.236305	-4.23182	0.416594	0.70882	-1.4108	3.4429	9.36966	2.41906	1
cg23522780	0.148566	0.633552	-1.5784	0.486026	0.811795	-1.23184	0.428327	0.788054	-1.26895	0.140024	0.626447	-1.59631	7.55241	10.3784	1.2215	1
cg14254545	0.113263	1.42124	1.42124	0.00724134	2.02734	2.02734	3.21E-05	5.20927	5.20927	0.0500276	1.57743	1.57743	18.0425	11.8876	0.585656	1
cg04162504	0.0789294	0.488219	-2.04826	0.00178579	0.195168	-5.12378	0.112513	0.529958	-1.88694	0.0963269	0.511167	-1.95631	4.13904	8.85404	1.90147	1
cg11781344	0.0174925	0.6162	-1.62285	0.0519894	0.690656	-1.4479	0.992867	0.998505	-1.0015	0.208948	1.24823	1.24823	7.49312	3.32592	0.394545	1
cg10942898	0.970476	0.996381	-1.00363	0.0335254	0.78403	-1.27546	0.0269816	0.773685	-1.29252	0.023442	1.30373	1.30373	5.21778	0.793164	0.135122	1
cg08513100	0.503345	1.49937	1.49937	0.00390409	0.088306	-11.3243	?	?	?	0.0579175	0.272408	-3.67096	4.21118	15.4124	4.26986	1
cg04983925	0.966198	0.995507	-1.00451	3.57E-05	0.4286	-2.33318	0.13424	0.842318	-1.1872	0.238672	1.14012	1.14012	8.44303	1.50979	0.158951	1
cg20034785	0.0247932	0.506546	-1.97415	1.19E-05	0.0945863	-10.5724	0.338867	0.778078	-1.28522	0.64685	0.889217	-1.12459	17.4004	17.8545	0.912084	1
cg13736875	0.619968	0.932477	-1.07241	0.240037	0.841944	-1.18773	0.0107095	1.56607	1.56607	0.00152111	1.89358	1.89358	7.13788	2.211	0.275339	1
cg02838589	0.322586	0.50992	-1.96109	0.00229749	0.0602769	-16.5901	0.570465	0.685268	-1.45928	0.114197	0.322195	-3.10371	3.44527	23.7076	6.11662	1
cg19222480	0.00132008	0.679064	-1.47261	0.655548	0.963493	-1.03789	0.0568308	0.836481	-1.19548	0.10853	1.15605	1.15605	10.0658	1.09386	0.0965964	1
cg22431438	0.0647544	1.32736	1.32736	0.00539115	0.606463	-1.64891	0.188464	1.20953	1.20953	0.0751549	1.31064	1.31064	4.47762	1.32167	0.262375	1
cg13853156	0.611907	1.15809	1.15809	0.275519	1.38462	1.38462	0.496146	0.82018	-1.21924	0.203987	1.469	1.469	3.75337	4.89203	1.15855	1
cg18038749	0.174254	1.39326	1.39326	0.00343289	0.401681	-2.48954	0.966136	1.00979	1.00979	0.381719	1.22859	1.22859	3.48057	2.90257	0.741274	1
cg06122000	0.00351027	0.803758	-1.24415	1.11E-05	0.596808	-1.67558	0.0485935	1.13236	1.13236	0.0460333	1.13446	1.13446	19.3231	0.931704	0.0428597	1
cg25830252	0.0087386	0.34386	-2.90816	0.793752	0.91968	-1.08733	0.540703	0.820444	-1.21885	0.0298829	0.44195	-2.2627	6.89795	11.1565	1.43766	1
cg18497098	0.419495	1.44023	1.44023	?	?	?	0.583181	0.78263	-1.27774	0.497023	0.737145	-1.35658	5.41756	14.918	2.75364	1
ch.6.1693624F	0.208417	0.593292	-1.68551	0.0235625	0.344905	-2.89935	0.688374	1.172	1.172	0.789228	1.11123	1.11123	4.46627	10.9619	2.18167	1
cg22103183	0.271066	0.71255	-1.40341	0.0684636	1.8281	1.8281	0.205428	0.673603	-1.48455	0.562201	0.84087	-1.18924	3.51259	4.8666	1.23153	1
cg13674558	2.23E-06	0.152048	-6.57685	2.32E-06	0.153535	-6.51318	0.00151564	0.475319	-2.10385	0.000173612	0.354227	-2.82305	59.3274	24.909	0.373206	1
cg02535012	0.0251314	0.230441	-4.3395	0.00359861	0.113935	-8.77696	0.0107552	0.171025	-5.84709	0.107861	0.380295	-2.62953	6.66278	32.0424	4.2748	1
cg06430387	0.0583804	1.59921	1.59921	0.00093191	0.337995	-2.95862	0.0058501	2.20787	2.20787	0.00595098	2.20228	2.20228	14.7403	11.2498	0.678398	1
cg27262137	0.315421	1.14273	1.14273	0.0347812	0.728863	-1.372	0.823287	1.02917	1.02917	0.43291	1.10834	1.10834	7.89599	2.06602	0.232581	1
cg16385225	0.786788	0.947991	-1.05486	0.00159327	0.409611	-2.44134	0.135488	0.728353	-1.37296	0.949746	0.98766	-1.01249	4.222	2.59509	0.546363	1
cg06642248	0.64709	0.920706	-1.08612	0.956117	0.990186	-1.00991	0.460258	0.87394	-1.14424	0.781778	0.95145	-1.05103	3.64645	1.85512	0.452218	1
cg23210424	0.236312	0.729984	-1.36989	0.0012798	0.303899	-3.29056	0.364745	0.789612	-1.26644	0.985885	1.0045	1.0045	3.51451	3.58064	0.905613	1
cg06077733	0.0136657	0.377527	-2.64882	0.979625	0.991877	-1.00819	0.109845	1.74486	1.74486	0.500089	1.24436	1.24436	6.23388	10.0715	1.43609	1
cg16264466	0.00349618	1.77209	1.77209	0.00162189	0.52082	-1.92005	0.348559	0.869911	-1.14954	0.0597723	0.735834	-1.359	18.0174	5.95084	0.293585	1
cg25134306	0.148756	1.44571	1.44571	0.0221303	1.92128	1.92128	4.85E-05	6.165	6.165	0.285363	1.30227	1.30227	11.1997	10.0486	0.797529	1
cg24105744	0.00912888	0.381253	-2.62293	0.0044364	0.331065	-3.02055	0.483202	0.812627	-1.23058	0.0675261	0.550797	-1.81555	8.67588	11.6489	1.19349	1
cg18302291	0.765815	1.05062	1.05062	0.790946	1.0449	1.0449	0.850507	0.969289	-1.03168	0.581701	0.912117	-1.09635	6.77509	2.93276	0.384777	1
cg11713336	0.343189	1.13244	1.13244	0.0357247	0.732518	-1.36515	0.0431211	1.34497	1.34497	0.371075	0.889607	-1.12409	6.35912	1.63372	0.228364	1
cg24533257	0.00139075	0.338037	-2.95826	0.102213	0.657897	-1.52	0.202642	1.37011	1.37011	0.00276626	2.62827	2.62827	6.0126	5.21901	0.771566	1
cg17333036	?	?	?	0.245535	0.53494	-1.86937	0.803854	0.879701	-1.13675	0.010384	0.189679	-5.27207	5.97969	22.333	3.73481	1
cg06014474	0.704543	1.04657	1.04657	0.0596571	0.775742	-1.28909	0.337005	0.888458	-1.12555	0.384583	1.11239	1.11239	4.95263	1.11971	0.200964	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	p-value(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg06005644	UBE2Q2;UBE2Q2;UBE2Q2	9.19E-05	0.00226679	0.679572	1.4726	0.0182369	1.28847	1.28847	0.000736069	1.60244	1.60244	0.00726562	0.735053	1.53288	0.00114845	0.647617	-1.54412	8.25E-05	0.384825	-2.59858	0.00341122	0.707667	-1.41309	0.448468	1.06868	0.388537	0.0886557	1
cg19040026	UBE2D3;CISD2;UBE2D3	0.0257125	0.0112593	0.178383	-5.60593	0.175189	2.18759	2.18759	0.0558077	0.308368	-3.24288	0.450303	1.51838	1.51838	0.0153343	0.198719	-5.03224		0.926488	1.05138	0.150198	0.0921686	0.472156	-2.11795	0.141834	0.424195	-2.3574	0.314479	20.1448	4.15002	1
cg09095080	UBE2D3;UBE2D3;UBE2D3	0.00104137	0.0498246	0.740351	-1.35071	0.00958779	0.643579	-1.55381	0.591768	1.07545	1.07545	0.00313794	1.72052	1.72052	0.857787	1.0244	1.0244		0.000156593	2.3856	2.3856	0.866455	1.02287	1.02287	0.00914222	0.640887	-1.56034	0.0980033	0.783566	-1.27622	11.632	3.3265	0.254204	1
cg08634545	UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.00104218	0.0831039	0.579033	-1.72702	0.0181173	0.441623	-2.26437	0.00587115	0.358154	-2.79209	0.00550739	0.353768	-2.82671	0.000957902	0.246343	-4.05939		0.0325303	0.490371	-2.03927	4.46E-05	0.110599	-9.04168	0.884307	1.04234	1.04234	0.00817478	0.381424	-2.62175	11.6294	14.9369	1.1417	1
cg15289466	UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.00143311	0.217222	0.758932	-1.31764	0.00093761	2.85446	2.85446	0.00078613	2.93803	2.93803	0.473926	1.16736	1.16736	0.715787	0.925249	-1.08079		0.0925126	1.48196	1.48196	0.20472	1.32887	1.32887	0.00141141	4.03724	0.037269	1.03481	1.03481	10.618	7.59168	0.635539	1
cg15783691	UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.00179439	0.295159	0.835337	-1.19712	0.987284	1.00264	1.00264	0.322388	0.844167	-1.1846	0.00544258	0.54551	-1.83315	0.113306	1.33054	1.33054		0.000101495	0.319424	-3.13064	0.00995985	0.583088	-1.71501	0.00921063	0.578174	-1.72958	0.153781	1.28798	1.28798	0.95079	4.32833	0.386643	1
cg23655658	UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.0148678	0.0597758	0.49546	-2.01832	0.0162368	0.379085	-2.63793	0.0202474	0.396301	-2.52333	0.991543	0.996502	-1.00351	0.0167709	0.380958	-2.62496		0.151399	1.66234	1.66234	0.0127168	0.359278	-2.78336	0.0076736	0.508367	-1.96708	0.00811472	0.326088	-3.06665	15.9898	8.99485	1.5388	1
cg04824553	UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.034867	0.0015925	0.0996924	-10.0309	0.5400232	0.742355	-1.34706	0.4971	1.3927	1.3927	0.584026	0.766873	-1.304	?	?	?	?	?	?	?	0.0598026	0.354323	-2.82229	0.853082	1.09295	1.09295	0.923347	0.954913	-1.04722	4.38658	12.1544	2.77082	1
cg03648631	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.036371	0.279288	0.867314	-1.15299	0.0158785	1.45329	1.45329	0.0538179	1.31927	1.31927	0.40736	0.898291	-1.11323	0.590657	0.933588	-1.07114		0.156505	0.825461	-1.21144	0.0191693	0.698596	-1.43144	0.876163	0.980457	-1.01993	0.118641	1.23909	1.23909	3.8136	0.967367	0.225478	1
cg13078331	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.0199026	0.735148	0.94264	-1.06085	0.316984	0.835296	-1.19718	0.0220838	0.620314	-1.61209	0.30167	0.830135	-1.20462	0.0123577	0.581654	-1.71924		0.8534	1.03276	1.03276	0.000685626	0.405687	-2.46495	0.793143	0.955308	-1.04678	0.265429	0.817172	-1.22373	4.71238	2.25893	0.426098	1
cg12227637	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.0206062	0.0340005	1.23596	1.23596	0.0137542	1.29788	1.29788	0.0018094	1.46191	1.46191	0.875689	0.986688	-1.01349	0.269179	1.10352	1.10352		0.371333	1.08175	1.08175	0.691776	0.966464	-1.0347	0.0103954	1.31815	1.31815	0.178822	1.13005	1.13005	4.657	0.54049	0.103164	1
cg21656054	UBE2D3;UBE2D3	0.0158277	0.40071	0.827252	-1.30868	0.567938	1.13562	1.13562	0.1111144	1.46583	1.46583	0.00167936	0.371727	-2.69015	0.455141	1.18248	1.18248		0.160603	0.718759	-1.39129	0.304161	1.26395	1.26395	0.01232274	1.98244	1.98244	0.330097	1.24247	1.24247	0.0108027	3.91202	0.683428	1
cg23624016	UBE2D3	0.000167371	0.250754	0.799753	-1.25039	3.67E-05	0.227833	-4.38917	0.00254662	0.460807	-2.17011	0.256394	1.2468	1.2468	2.89E-05	0.216866	-4.61115		0.368812	1.18752	1.18752	0.00244087	0.45599	-2.19303	0.972883	0.993693	-1.00635	0.00127584	0.416932	-2.39847	10.2784	10.5855	0.488077	1
cg16830068	UBE2D4;POLR2J4	0.0190472	0.942918	0.977618	-1.02289	0.0973962	0.562706	-1.77713	0.238598	0.676936	-1.47725	0.314051	1.38975	1.38975	0.0011626	0.221416	-4.51639		0.0247589	0.429579	-2.32786	0.0181636	0.403851	-2.47616	0.407056	0.792918	-1.26116	0.0520242	0.497213	-2.01183	4.75305	7.56964	1.40675	1
cg12077024	UBE2D3	0.000228285	0.945933	0.87953	0.429823	0.775892	-1.28884	1.14E-05	0.0983204	-10.1708	0.0175965	1.32734	1.32734	1.03E-05	0.0076544	0.713074	-1.40264		0.000181941	0.136168	7.37428	0.0552952	0.760319	-1.31524	0.950751	1.01964	1.01964	0.00850853	0.347299	-2.87996	20.7573	3.2855	0.158227	1
cg03469514	UBE2DNL	0.00688081	0.00113304	0.281588	-3.55129	0.00336246	0.347973	-2.87379	0.0303171	0.509794	-1.96158	0.982891	0.994342	-1.00569	0.00929237	0.41759	-2.39469		0.5541111	1.17158	1.17158	0.62809	0.878828	-1.13788	0.628012	1.13791	1.13791	0.0114886	0.433156	-2.30864	6.65062	7.37494	0.985698	1
cg09614279	UBE2DNL	0.0198178	0.00647363	0.174789	-5.72118	0.207492	0.519458	-1.92508	0.4499968	0.713624	-1.4013	0.0555203	0.343245	-2.91337	0.0083146	0.18977	-5.2713		0.0628764	0.356579	-2.80443	0.108633	2.36865	2.36865	0.772763	0.867039	-1.15335	0.0120647	0.213855	-4.67606	4.719321	18.1484	3.41836	1
cg05313921	UBE2DNL	0.0208396	0.00765239	0.152002	-6.57498	0.163983	0.414789	-2.41086	0.12842	0.405449	-2.4664	0.0995916	0.371506	2.69153	0.00635044	0.142037	-7.04022		0.7908417	1.15724	1.15724	0.572926	1.36742	1.36742	0.0840063	1.01003	1.01003	0.0121236	0.179458	-5.57234	4.1671	19.9161	4.24812	1
cg15325161	UBE2D3;UBE2I	6.99E-05	0.00674097	0.663635	-1.50685	0.00488831	1.54556	1.54556	0.000109673	1.75413	1.75413	0.0914361	0.804963	-1.24229	5.55E-06	0.301983	-3.31145		0.0441117	0.759523	-1.31662	0.00143577	1.71251	1.71251	0.162847	0.840392	-1.18992	0.262111	0.872416	-1.14624	24.3626	5.257	0.191806	1
cg02737328	UBE2D3;UBE2I	0.000216518	0.472381	0.936633	-1.06765	0.0688137	1.09998	1.09998	0.467386	1.06844	1.06844	0.0197866	0.777209	-1.28666	0.0709922	0.834662	-1.19809		0.0024149	2.4099	2.4099	5.91961	1.52622	1.52622	-1.48093	0.0466896	0.815469	-1.22628	0.871666	0.985424	-1.01459	17.9797	2.38428	0.112931	1
cg18805870	UBE2D3;UBE2I	0.00165173	0.137127	0.667452	-1.49824	0.505403	0.843134	-1.18605	0.874633	1.04067	1.04067	0.9293	0.977843	-1.02266	3.00E-05	0.127246	-7.85881		0.119334	0.652617	-1.53229	0.0284991	0.52067	-1.9206	0.381729	1.25422	1.25422	0.00423745	0.380382	-2.62894	10.1923	10.2906	0.89746	1
cg00061264	UBE2D3;UBE2I	0.00414707	0.000340816	0.445217	-2.2461	0.7875593	1.0386	1.0386	0.0186152	1.49195	1.49195	0.136187	0.798369	-1.25255	0.0384888	0.714447	-1.39968		0.286404	1.16796	1.16796	0.0362473	0.710717	-1.40703	0.812193	1.03394	1.03394	0.0176316	0.666983	-1.49929	7.67241	2.41957	0.276892	1
cg08648982	UBE2D3;UBE2I	0.00416978	0.00339282	0.251159	-3.98155	0.00887499	2.07727	2.07727	0.0176282	1.66869	1.66869	0.456543	1.1811	1.1811	0.195842	0.740621	-1.35022		0.1465464	0.710296	-1.40786	0.48035	1.17056	1.17056	0.105388	1.47475	1.47475	0.060318	0.98891	-1.01102	7.7546	5.9179	0.678352	1
cg06282059	UBE2D3;UBE2I	0.00424498	0.149349	0.772054	-1.29525	0.439299	0.876354	-1.14109	0.951562	0.989887	-1.01022	0.14483	1.20957	1.20957	0.000496941	0.418352	-2.28127		0.0039005	0.51346	-1.94757	0.0161093	0.600324	-1.6666	0.99615	0.999193	-1.00081	0.00162414	0.469677	-2.12912	7.81282	3.42017	0.394168	1
cg17764203	UBE2D3;UBE2I	0.00456606	0.0275732	0.394043	-2.53744	0.0422124	1.02034	1.02034	0.0731474	1.34741	1.34741	0.00185814	0.68379	-1.46252	0.159447	1.29881	1.29881	0.163383	1.02093	1.02093	0.911001	-1.09784	0.872027	1.2191	1.2191	0.0425578	0.424578	1
cg04370860	UBE2D3;UBE2I	0.0120174	0.0116165	0.283655	-3.52541	0.0360561	0.377639	-2.64803	0.0305434	0.362362	-2.75967	0.191147	0.57534	-1.7381	0.000521876	0.115283	-8.6743		0.0849167	0.467237	-2.14024	0.0606576	0.429667	-2.32739	0.927821	0.964459	-1.03685	0.0277898	0.353919	-2.8255	5.57088	14.0746	2.24574	1
cg25166168	UBE2D3;UBE2I	0.0153695	0.00126459	0.133802	-7.53582	0.0193747	1.41478	1.41478	0.0349813	1.40388	1.40388	0.00109004	1.85586	1.85586	0.0245859	1.44726	1.44726		0.0481785	1.36585	1.36585	0.73662	0.952692	-1.04966	0.49195	0.900129	-1.10117	0.272317	0.854054	-1.17089	5.13913	5.55162	0.268376	1
cg25137345	UBE2D3;UBE2I	0.0158133	0.578887	0.21067	2.31067	0.00254795	0.239874	4.16886	0.0487237	0.146156	6.84262	0.0167372	0.16372	6.10637	0.317571	0.24234	-4.12714		0.08056536	0.18175	5.50234	0.18175	1.88275	1.88275	0.0138192	1.26357	1.26357	0.0112607	0.754154	1.32598	1.63705	1.63705	0.0135192	1.63705	1
cg20915907	UBE2D3;UBE2I	0.0160337	0.374974	1.07022	1.07022	0.000838646	0.687674	-1.45418	0.00659113	0.768818	-1.3007	0.934506	1.00614	1.00614	0.241447	0.912674	-1.09568		0.0660916	0.857581	-1.16607	0.704526	1.0288	1.0288	0.907503	1.0087	1.0087	0.224158	0.909226	-1.09984	5.06745	0.445718	0.078184	1
cg05052214	UBE2D3;UBE2I	0.0180381	0.136305	0.600446	-1.66492	0.0103757	0.956547	-1.04568	0.226467	0.667938	-1.49717	0.233921	0.672529	-1.48673	0.0013534	0.438781	-2.27963		0.2248412	0.426729	-2.34341	0.0615361	0.538564	1.0284	0.0170906	1.1848975	-1.19492	0.0088051	0.347271	-2.87959	4.87165	7.79199	1.42174	1
cg24014536	UBE2D3;UBE2I	0.0281883	0.870935	0.980537	-1.01985	0.354666	0.891278	-1.12198	0.42483	1.10353	1.10353	0.000497268	1.93224	1.93224	0.717634	1.04488	1.04488		0.274565	1.14731	1.14731	0.51499	0.923296	-1.08308	0.671358	0.94072	-1.05294	0.935827	1.11083	1.11083	4.1779	0.96681	0.205698	1
cg09560953	UBE2D3;UBE2I	0.0312587	0.14483	0.561916	-1.77963	0.802183	1.09579	1.09579	0.0919389	1.04055	1.04055	0.864296	0.992792	-1.00727	0.00220248	0.206039	-4.85346		0.0154123	0.134907	2.9859	0.0361111	0.665156	-1.50345	0.964922	1.40868	1.40868	0.041729	0.414484	-2.37257	4.02747	8.24412	1.90715	1
cg09573359	UBE2D3;UBE2I	0.036498	0.634754	1.08708	1.08708	0.06571246	1.43052	1.43052	0.0101924	2.31293	2.31293	0.858183	0.960274	-1.0317	0.556759	1.10927	1.10927		0.75129	1.05705	1.05705	0.218949	0.798048	-1.25306	0.08112282	1.4031	1.4031	0.1534753	1.11593	1.11593	3.80876	1.83643	0.428585	1
cg10397322	UBE2I	0.000662893	0.0669982	0.638504	-1.56616	0.0177548	2.64919	2.64919	0.736852	1.07647	1.07647	3.35E-05	0.19082	5.19082	0.0249811	0.558317	-1.7911		0.710009	1.08504	1.08504	0.00549785	0.450431	-2.22009	0.897022	1.0287	1.0287	0.574991	1.13178	1.13178	13.2109	9.98956	0.672144	1
cg22954438	UBE2I	0.000697298	0.1408087	0.644	-1.55194	0.0153355	1.64549	1.64549	0.721977	0.935653	1.0418	0.621565	1.14799	1.14799	0.0152936	0.34652	-2.88651		0.96615	1.01184	1.01184	0.51208	1.14799	1.14799	0.0154866	0.884143	-1.19883	0.973026	0.900757	-1.09799	13.025	6.75806	0.8831	1
cg13447539	UBE2I	0.00134448	0.1934659	1.27846	1.27846	0.00299973	2.06804	2.06804	0.0726819	1.42972	1.42972	2.54E-05	4.44424	4.44424	0.0604001	0.924103	-1.08213		0.0414224	1.52178	1.52178	0.441459	0.860248	-1.15042	0.189879	1.2813	1.2813	0.0438513	1.51528	1.51528	10.8143	5.4587	0.448681	1
cg10225519	UBE2I	0.00380918	0.0163026	0.477131	-2.09586	0.0230779	1.504319	-1.98287	0.861171	1.04509	1.04509	0.207977	0.715712	-1.39721	0.00379769	0.373947	-2.67418		0.0273151	0.51793	-1.93076	0.000474645	0.250093	-3.9855	0.00112171	0.289616	-3.34879	0.183139	0.700525	-1.42714	7.9311	7.95495	0.88359	1
cg02794920	UBE2I	0.00551877	0.177703	0.50536	1.50536	0.000304702	0.54138	0.54138	0.0483588	1.9044	1.9044	0.0297704	1.84533	1.84533	0.0196535	2.2363	2.2363		0.0182144	2.26727	2.26727	0.263646	2.16308	2.16308	0.0039687	3.0227	3.0227	0.00952733	2.55418	2.55418	7.1201	9.19552	1.14799	1
cg18257541	UBE2I	0.00881526	0.876417	0.961527	-1.04001	0.0436037	1.79478	1.79478	0.184437	1.42604	1.42604	0.000215392	4.7448	4.7448	0.689968	0.903858	-1.10637		0.2720151	1.33405	1.33405	0.121499	0.654934	-1.52687	0.394739	1.24576	1.24576	0.0813947	1.62739	1.62739	6.15271	6.19303	0.894714	1
cg04580068	UBE2I	0.01119661	0.11932	0.688033	-1.45161	0.0107257	1.956547	1.956547	0.0468	2.226467	2.226467	0.000372	-1.11065	0.901898	0.80751	-1.247737	0.800372	-1.24931	0.0004139	0.32435	-3.0824	0.0177322	1.22962	1.22962	0.362425	1.23807	1.23807	0.018916	1.37946	1.37946	5.78382	4.56821	0.732673	1
cg10983671	UBE2I	0.01202564	0.679598	0.948876	-1.05388	0.179743	0.835236	-1.19727	0.85744	0.977536	-1.02298	0.824812	1.02841	1.02841	0.657465	0.945171	-1.05801		0.133625	0.815112	-1.22683	0.000200762	0.454518	-2.20013	0.0183999	0.6967	-1.43534	0.506073	0.918279	-1.08899	5.56502	1.44723	0.224774	1
cg13334304	UBE2I	0.01202722	0.631794	0.924324	-1.08175	0.377505	0.825595	-1.21125	0.351659	0.973202	0.9366664	-1.06745	0.574565	1.1035	0.195	0.0923154	1.44922	-1.44592	0.2915567	0.791046	1.26351	0.0313125	1.01792	1.01792	1.12902	1.12902	1.12902	0.0709329	0.825425	0.551	0.31464	0.58319	0.580615	1
cg07208565	UBE2I	0.0282426	0.284029	1.11866	1.11866	0.439228	0.923594	-1.08273	0.106874	0.837484	-1.19405	0.100491	1.19875	1.19875	0.489466	0.931706	-1.0733		0.0336537	1.28399	1.28399	0.010929	1.37965	1.37965	0.0210452	1.3226	1.3226	0.225895	0.879744	-1.13669	4.17507	0.671204	0.142902	1
cg10632094	UBE2I	0.0312604	0.294235	0.656719	-1.52272	0.403893	1.19116	1.19116	0.900348	1.04552	1.04552	0.00122919	0.625149	0.215497	0.0122691	0.552832	-1.80887		0.385724	1.41017	1.41017	0.151864	0.559629	-1.7869	0.439185	1.35657	1.35657	0.247599	1.59559	1.59559	0.42739	0.529551	2.10327	1
cg16652937	UBE2I	0.0312612	0.02320315	0.398009	-2.51351	0.0251713	1.183191	1.183191	0.09388	0.859153	1.10425	0.136201	1.40024	1.40024	0.0281796	0.414812	-2.41073		0.0795024	2.154645	2.154645	0.00427494	0.275188	2.640542	-2.05532	0.284861	0.858424	1.4581	0.93884	1.7986	1.62255	1.62255	0.0135	1.62255	1
cg12302983	UBE2I	0.03154203	0.1295636	0.572536	-1.74661	0.0994364	0.540688	-1.8495	0.0221203	0.392875	-2.54534	0.21089	1.56653	1.56653	0.00705665	0.305536	-3.27294		0.571943	0.823268	-1.21467	0.01552	0.363944	-2.74768	0.297302	0.692177	-1.44472	0.0677055	0.498137	-2.00748	3.85045	7.07037	1.63222	1
cg16635874	UBE2I;UBE2I3	0.00117138	0.0801883	1.57162	1.57162	0.0142238	2.04472	-2.02236	0.00568892	0.429662	-2.32742	0.193154	0.7258283	-1.37774	3.08E-05	0.150246	-6.6558		0.9156068	1.02497	1.02497	0.9564	1.02478	1.02478	0.0600306	0.6010153	-1.63907	0.0282969	0.54712	-1.82775	11.249	9.66501	0.767323	1
cg13067005	UBE2I;UBE2I3	0.00462095	0.493931	0.817344	-1.22348	0.109892	0.60292	-1.65859	0.0220987	0.45076	-2.21847	0.222106	1.45145	1.45145	0.00145758	0.263199	-3.7994		0.5790559	1.17669	1.17669	0.000502626	0.206071	-4.85271	0.138549	0.629407	-1.5888	0.0156588	0.423071	-2.36367	7.56194	10.0359	1.18676	1
cg13042464	UBE2I;UBE2I3	0.01112917	0.0176701	0.479237	-2.08665	0.983102	1.00541	1.00541	0.645692	0.888699	-1.12524	0.42014	0.810633	-1.2336	0.00285611	0.351239	-2.84707		0.7590045	0.924576	-1.08158	0.000639523	0.262857	-3.80435	0.867676	1.04342	1.04342	0.149219	0.674208	-1.48322	5.68434	5.84887	0.914618	1
cg04529940	UBE2I;UBE2I3	0.02363188	0.69222	1.0105693	1.0105693	0.0127572	1.956147	-1.84714	0.0407257	0.57344	-1.74386	0.2657583	1.31239	1.31239	0.0717824	0.823026	-1.60507		0.981817	1.00538	1.00538	0.288265	0.97143	-1.29629	0.268021	0.762173	-1.31204	0.00110293	0.322302	-3.10264	4.44227	3.90083	0.780337	1
cg10658240	UBE2I;UBE2I3	0.0277216	0.508059	0.832975	-1.20052	0.0711121	0.577608	-1.73101	0.00405468	0.349854	-2.85833	0.0952934	1.64677	1.64677	0.0270499	0.490464	-2.03889		0.882209	0.96045	-1.04118	0.931449	0.976856	-1.02369	0.331496	1.3135	1.3135	0.0378077	0.559145	-1.92624	4.20254	4.93044	1.04285	1
cg21446655	UBE2I;UBE2I3	0.0294041	0.57733	1.1186	1.1186	0.0857049	0.520105	-1.92559	0.170202	0.836664	-1.19595	0.0923154	1.44922	-1.44592	0.0923154	1.01792	1.01792	1.12902	1.12902	0.0709329	0.825425	0.551	0.31464	0.58319	0.580615	1
cg04807694	UBE2I;UBE2I3;UBE2I3	7.43E-05	0.00502789	2.70749	2.70749	0.0174897	0.460091	-2.17348	0.443206	0.810712	-1.23348	0.557586	1.17256	1.17256	0.0949399	0.611065	-1.63649		2.65E-05	0.107579	-9.29552	7.65E-06	0.0715003	-13.986	0.0279873	2.0074	2.0074	0.265445	0.732354	-1.36546	23.9627	27.3417	1.01424	1
cg18455490	UBE2I;UBE2I3;UBE2I3	0.00438336	0.0086262	1.92364	1.92364	0.00216935	0.431474	-2.31764	0.00345391	0.460416	-2.17195	0.0933542	0.697301	-1.4341	0.60263	1.10805	1.10805		0.384036	0.839998	-1.19048	0.0464176	1.50058	1.50058	0.159098	0.739798	-1.35172	0.0353883	0.6196771	-1.61374	5.6383	4.6162	0.5372	1
cg00949554	UBE2I;UBE2I3;UBE2I3	0.0129859	0.0500979	2.24904	2.24904	0.0245128	2.57583	-2.64842	0.0413778	0.568036	-1.7608	0.602348	0.826356	-1.21013	0.0171218	0.584828	-1.87003		0.0097448	0.305408	3.2743	0.0408266	0.313311	-3.19377	0.115083	1.79405	1.79405	0.172342	0.590356	-1.69389	5.42307	11.3256	1.83329	1
cg00161515	UBE2F	3.16E-05	0.00087685	0.559407	-1.78761	0.00203007	1.65966	1.65966	0.30941	0.884734	-1.13028	0.538987	0.930143	-1.0751	8.44E-06	0.323242	-3.09365		1.04E-05	0.333668	-2.99699	0.000437929	0.523707	-1.90946	0.717698	1.04318	1.04318	0.000891361	0.560251	-1.78492	10.0358	6.44801	0.190824	1
cg21302563	UBE2F	0.00136727	0.0145372	0.479331	-2.08596	0.2758419	0.855882	-1.16839	0.0136289	0.662868	-1.50852	0.0929527	0.525724	-1.90259	0.00610376	0.484403	-2.0644		0.510053	1.08607	1.08607	0.0929525	0.525724	-1.90259	0.0610376	0.484403	-2.0644	0.0931763	0.514812	-1.94381	0.00317653	0.449812	-2.22658	10.7623	3.02156	0.2653	1
cg00535420	UBE2F	0.00911372	0.00713312	3.16782	3.16782	0.539514	0.813741	-1.22889	0.0486651	2.11107	2.11107	0.348902	0.726166	-1.3771	0.377904	0.740671	-1.35013		0.206376	1.55619	1.55619	0.000960128	0.195568	-5.11331	0.728765	1.12245	1.12245	0.328489	1.30746	1.39746	0.08806	10.6159	1.54997	1
cg06366213	UBE2G1	0.00208318	0.0436962	0.603836	-2.57029	0.0268303	2.83031	2.83031	0.0200797	0.394835	-2.53271	0.13121	0.742855	-1.34616	0.0127	0.499833	-2.00121		0.122187	0.735162	-1.35989	0.215759	1.27008	1.27008	0.000178115	1.20698	3.20698	0.0687399	0.688091	-1.4533	18.6578	8.34595	0.474566	1
cg00344402	UBE2G1	0.00243266	0.0230502	0.636826	-1.57029	0.0144576	0.862193	-1.15973	-1.64737	0.457468	-2.18386	1.33386	1.33386	5.94E-05	0.386011	-3.49637	8.91E-05	0.312005	-3.20508		0.000472053	0.401735	-2.4892	0.376905	0.860238	-1.16247	0.0001153	0.358604	-2.78859	0.386539	0.862968	-1.15879	17.4191	7.60521	0.388091	1
cg05249460	UBE2G1	0.00036437	0.00037298	0.36488	-2.74063	0.00331133	0.492379	-2.03096	0.00277383	0.481552	-2.07662	0.255965	0.810559	-1.23372	0.00105692	0.318006	-3.1446		0.000122175	0.304092	-3.27974	0.0373059	1.53433	1.53433	0.30885	0.829824	-1.20508

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 63T vs. N)	Fold-Change(563T vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg06009569	UBE2K;UBE2K;UBE2K		0.0067439		0.00409041	0.58166	-1.71932	0.0367564	1.41685		1.41685	0.144814	1.2522		1.2522	0.107668	1.28676	1.28676	0.843037		0.0719327		1.02888		0.390125	1.13481		1.13481	0.00378545	1.75246		1.75246	0.00810402		1.62724	0.202247		0.82419		1.21331	6.69235		2.18603	0.2903	1
cg02523617	UBE2K;UBE2K;UBE2K		0.0112874		0.984444	0.998578	-1.00142	0.992216	0.999283		-1.00072	0.000575949	1.47526		1.47526	0.799016	0.981551		-1.0188	0.245988		1.09259		1.09259		0.02571722	1.2133		1.2133	0.211864		0.908478		-1.10074	0.279007		0.921136		-1.08562	0.018564		1.23163	5.68502		0.47961	0.07499	1
cg17436946	UBE2K;UBE2K;UBE2K		0.0120778		0.373743	1.07595	1.07595	0.0909169	0.861297		-1.16104	0.540502	1.05093		1.05093	0.0264436	1.23492		1.23492	0.00419522		0.735286		-1.36002		0.08482	0.858299		-1.1651	0.1310163		0.7813	82	-1.27978	0.208095		0.899052		-1.11228	0.0234822		0.804948	-1.24232	5.56182		0.566265	0.0905003	1
cg02334591	UBE2K;UBE2K;UBE2K		0.0226072		0.2209104	1.17438	1.17438	0.0388883	0.7418		-1.34007	0.803266	0.969302		-1.03167	0.472806	1.19282		-1.0955	0.882433		0.981686		-1.01866		0.386665	1.89508		-1.1172	0.00175156		1.74898		-1.74898	0.0531514		1.3152		1.31579	0.175114		1.197737	1.197737	4.51154		1.11481	0.219646	1
cg00802484	UBE2K;UBE2K;UBE2K		0.0258003		0.250339	1.23645	1.23645	0.352421	1.18421		1.18421	0.00845345	1.81141		1.81141	0.118869	1.34863		1.34863	0.141771		1.756444		-1.32198		0.900518	1.02234		1.02234	0.00166276		1.221421		2.21421	0.490949		1.13158		1.13158	0.732484		1.0625	4.30966		2.1309	0.439508	1
cg25421647	UBE2K;UBE2L3;UBE2L3		0.00176412		0.337997	0.855144	-1.16939	0.00248331	1.94678		1.94678	0.00127066	1.62608		1.62608	2.76E-05	3.7156		3.7156	0.00509372		1.552686		-1.79764		0.7268665	1.05713		1.05713	0.0113428		0.6051182		1.6524	0.0220226		1.299331		1.99333	0.241765		1.823569	-1.21423	19.0062		7.55481	0.353326	1
cg26844104	UBE2L3;UBE2L3;UBE2L3		0.00379862		0.0413698	0.664864	-1.50407	0.000112002	0.307888		-3.24794	0.501103	0.888282		-1.12577	0.00368999	0.506198		-1.97551	0.0369988		0.656906		-1.52229		0.11124	0.740084		-1.3512	0.757102		0.947599		-1.0553	0.00762497		0.551462		-1.81336	0.20318		0.792119	-1.26244	7.97554		3.80189	0.423728	1
cg02502158	UBE2L3;UBE2L3;UBE2L3		0.00480149		0.00582199	0.585104	-1.67195	0.701084	0.946389		-1.05641	0.0860228	0.763493		-1.30987	0.541423	0.915797		-1.09194	0.47803		0.902455		-1.10809		0.0015646	0.523176		-1.9114	0.00573952		0.536756		-1.86391	0.445002		0.889196		-1.11958	0.000935406		0.495255	-2.01916	7.42981		2.38238	0.289024	1
cg26979056	UBE2L3;UBE2L3;UBE2L3		0.00488756		0.0385443	1.44908	1.44908	0.0568664	0.716377		-1.39591	0.0294689	1.48709		1.48709	0.0044695	1.48709		1.48709	0.0044695		2.3415		2.3415	0.176122		1.34912	0.193027		1.199577		0.810785		-1.23337	0.953514		0.9910018		-1.09066	0.00601712		1.74226	1.74256	0.158852		1.26247	7.38969	0.803041		0.337215	1
cg06850285	UBE2L3;UBE2L3;UBE2L3		0.0062925		0.00437723	0.140406	-7.12221	0.0305562	0.269572		-3.70958	0.0236006	0.247997		-4.03231	0.0183939	0.228668		-4.37315	0.00113214		0.0845098		-11.8329		0.0101765	0.187926		-5.32125	0.00269197		0.117741		-8.49322	0.0405434		0.295201		-3.38752	0.0449301		0.30508	-3.27783	6.83779		28.8165	3.74605	1
ch.22.14915BP	UBE2L3;UBE2L3;UBE2L3		0.0261671		0.374044	1.37604	1.37604	0.0364547	0.90647		1.10354	0.0313867	1.05243		1.05243	0.0160904	1.05243		1.05243	0.0160904		1.145477		1.145477		0.374733	1.37681		1.37681	0.0381583		1.63258		1.63258	0.0407125		1.124344		1.12344	0.319433		1.43493	4.28846		8.36671	1.73421	1
cg26280936	UBE2L3;UBE2L3;UBE2L3		0.0278487		0.143905	0.73805	-1.35492	0.047294	0.644638		-1.55126	0.106596	0.711158		-1.40616	0.364735	0.835124		-1.19743	0.0804681		0.687235		-1.45511		0.00826196	0.377452		-2.64934	0.035218		0.622181		-1.60723	0.593084		0.900912		-1.10999	0.985768		1.003346	1.09478	2.48605		0.526867	1
cg11554135	UBE2L6		0.000354826		0.0018	-5.28167	-5.28167	0.0285518	0.647453		-1.54419	0.0630308	0.565964		-1.76808	0.306648	0.426307		-2.34467	0.0136938		0.398969		-2.50703		0.0619137	0.578422		-1.72884	0.2e-05		0.142864		-7.00003	0.0179544		0.479704		-2.08577	0.0432128		0.281437	-3.51228	15.9725		5.9564	2.52	1
cg00566435	UBE2L6;UBE2L6		0.00196331		0.54812	0.923964	-1.08229	0.0382923	1.36671		1.36671	0.00966652	1.53125		1.53125	0.00171644	0.558587		-1.79023	0.0469146		0.743795		-1.34446		0.00155834	0.553372		-1.8071	0.0690614		1.30306		1.30306	0.0440996		1.3512		1.3512	0.232752		1.17684	1.17684	9.69403		2.5998	0.238387	1
cg21830103	UBE2L6;UBE2L6		0.00538151		?	?	0.92929	0.14565	1.05465		1.05465	0.555378	1.42988		1.42988	0.18466	1.1078		1.10768	0.0181989		0.0701672		-14.2517		0.00033007	0.03094001		-32.3205	0.671826		1.29106		1.29106	0.5553193		0.6982002		-1.43225	0.63905		1.327338	7.32818	37.0782		5.05967	1
cg27429740	UBE2L6;UBE2L6		0.0107757		0.00299527	0.190256	-5.25608	0.464838	0.72847		-1.37249	0.0467322	0.753183		-1.32753	0.185183	0.444725		-2.25022	0.0239317		0.324017		-3.08651		0.758097	0.885188		-1.1294	0.0154902		0.929004		-1.07624	0.0336273		0.363669		-2.74975	0.32918		14.0226	3.31882	1
cg17536296	UBE2L6;UBE2L6		0.0440259		0.0200735	0.62511	-1.59972	0.0533435	1.44431		1.44431	0.880531	1.02551		1.02551	0.564409	1.1025		1.1025	0.313673		1.1907		1.1907		0.5562119	0.905117		-1.10483	0.0313318		0.658886		-1.51771	0.609884		1.09002		1.09002	0.0258362		0.641958	-1.55773	3.55449		1.57932	0.39495	1
cg18539267	UBE2L6;UBE2L6;UBE2L6		0.00579186		0.00864557	0.69788	-1.52003	0.947336	1.0083		1.0083	0.0367749	1.35451		1.35451	0.0610764	1.768831		-1.30858	0.00313626		0.484635		-2.06341		0.175382	0.835059		-1.19752	0.0167892		0.832068		-1.20183	0.550683		0.972262		-1.07844	0.36525		1.12341	1.12341	7.01512		1.73833	0.220265	1
cg15527401	UBE2M;UBE2M;UBE2M		0.00411257		1.57E-05	1.609773	1.609773	0.63993	0.902061		1.049881	0.0912881	1.049881		1.049881	0.0912881	1.049881		1.049881	0.0912881		1.049881		1.049881		0.0127749	0.842422		-1.18705	0.0113401		1.1929		1.1929	0.0530717		1.129581		1.12958	0.028884		1.15353	1.15353	6.13045		0.734127	0.0432607	1
cg04170623	UBE2M;UCC10031691		0.010319		0.00600711	0.172642	-5.79233	0.00802176	0.189749		-5.27013	0.0781652	0.383853		-2.60516	0.127604	0.446624		-2.23902	0.00326328		0.140549		-7.11496		0.465912	0.695553		-1.4377	0.0130655		0.221716		-4.51027	0.168494		2.05022		2.05022	0.0314895		0.291068	-3.43562	5.85148		22.1845	3.37001	1
cg24636668	UBE2M;UCC10031691		0.0131814		0.0143365	0.680383	-1.47009	0.524472	1.0016		1.0016	0.0480621	1.36463		1.36463	0.0106955	0.643127		-1.5549	0.153626		1.243994		-1.24391		0.07007	0.163944		1.27254	0.627216		1.60965		1.60965	0.0194228		1.18188		1.26485		1.26485	1.27421	1
cg12522736	UBE2M;UBE2M;UCC10031691		0.00559177		0.0803023	0.596066	-1.67767	0.0294056	1.98203		1.98203	0.0670586	1.72875		1.72875	0.445163	1.23068		1.23068	0.619257		1.14292		1.14292		0.000531884	0.237331		-4.21353	0.0753265		1.69565		1.69565	0.0754741		1.6951		1.6951	0.1369223		1.53307	1.53307	7.09142		7.98769	1.00123	1
cg20110497	UBE2M;UBE2M;UCC10031691		0.00747694		0.8789992	1.04511	1.04511	0.0511296	0.266207		-3.75563	0.0015864	0.368644		-2.71384	0.0014234	0.185376		-5.39293	0.0014234		0.185376		-5.39293		0.0017945	0.153782		-6.50313	0.0013911		0.201573		-4.96077	0.0044002		0.304005		-3.29033	0.0026176		0.2662	-3.75812	14.4462		4.88005	0.108061	1
cg04373285	UBE2MP1		2.46E-05		0.0264905	1.26387	1.26387	8.66E-05	0.534171		-1.87206	0.561159	0.949036		-1.0537	0.618142	1.04575		1.04575	0.126934		0.863328		1.15831		0.194513	1.12995		1.12995	1.36E-06		3.00171		3.00171	0.000160902		1.77489		1.77489	0.319263		1.09596	1.09596	32.094		4.02827	0.111569	1
cg00772863	UBE2MP1		0.00120004		0.0084034	0.256832	-3.89359	0.0049005	0.112366		-8.89951	0.0634183	0.241068		-4.14821	0.0622306	0.431555		-2.3172	0.0044025		0.107075		-9.33927		0.274215	0.634142		-1.57693	0.00190735		0.080441		-12.4006	0.032232		0.366188		-2.72935	0.0154237		0.304228	-3.28701	11.1717		28.3578	2.25632	1
cg02108294	UBE2MP1		0.00798225		0.0799025	1.39737	1.39737	0.712855	1.60569		1.60569	0.583441	1.90053		1.05005	0.0088511	1.77489		1.77489	0.053803		0.536775		-1.86298		0.0067587	1.88039		1.83039	0.00394826		2.6449		2.64249	0.0047422		1.9051		1.9051	0.606324		0.934606	-1.06087	9.48042		4.68102	0.417367	2
cg08307753	UBE2MP1		0.00220399		0.4603	1.32859	1.32859	0.00025434	0.102503		-9.75583	0.261834	0.642605		-1.55617	0.150893	1.78927		1.78927	0.0102781		0.294526		-3.39529		0.189562	0.591439		-1.69079	0.000520587		0.129366		-7.73	0.674652		1.173		1.173	0.0730135		0.469663	-2.12919	9.37232		21.2035	2.01098	1
cg09025194	UBE2MP1		0.00289241		0.851204	1.08138	1.08138	0.0269533	0.913545		-1.09501	0.0527216	0.910088		-1.09851	0.0527216	0.910088		-1.09851	0.0527216		0.910088		-1.09851		0.0189183	1.32683		1.32683	0.0123651		1.56098		1.56098	0.0258892		1.22405		1.22405	0.0494015		1.02969	-1.03156	20.6201		2.44371	1
cg08307075	UBE2MP1		0.00918096		0.113672	1.57494	1.57494	0.208768	0.704917		-1.41861	0.452357	1.2239		1.2239	0.00132577	3.42869		3.42869	0.0036562		2.554409		2.8216		0.189377	1.44222		1.44222	0.187027		1.44639		1.44639	0.865902		1.40561		1.40561	0.420822		1.807725	-1.23805	0.07386		6.6992	0.980405	1
cg10312296	UBE2MP1		0.00971042		0.0734449	0.583985	-1.71237	0.0114551	0.4263		-2.34577	0.294755	0.746141		-1.34023	0.148939	0.659629		-1.516	0.00582473		0.377902		-2.64619		0.0724578	0.582658		-1.71627	0.011265		2.35264		2.35264	0.185831		1.45942		1.45942	0.0386246		0.52438	-1.90701	5.99637		6.86268	1.02242	1
cg03308240	UBE2MP1		0.00972651		0.0193984	0.346714	-2.88473	0.0139566	0.696574		-1.43554	0.0525403	0.488559		-2.04769	0.0744104	0.488559		-2.04769	0.0744104		0.488559		-2.04769		0.0131188	0.315762		-3.16694	0.0149243		1.44911		1.44911	0.0135382		1.24705		1.24705	0.0450227		1.146125	-2.87253	5.96322		13.2527	0.97696	1
cg02386416	UBE2N		0.00468653		0.0556759	1.90249	1.90249	0.990606	0.996514		-1.0035	0.910363	0.967146		-1.03397	0.463504	1.24774		1.24774	0.262564		1.41002		1.41002		0.063002	1.85962		1.85962	0.00145498		0.143739		-6.95703	0.185596		0.659449		-1.51642	0.279162		1.39619	7.4848	10.43		1.23866	1
cg15930798	UBE2N		0.00232597		0.0145264	1.44135	1.44135	0.0311256	0.911559		-1.09708	0.183771	0.84838		-1.17854	0.0444344	0.84838		-1.17854	0.0444344		0.84838		-1.17854		?	0.452376		1.35941	1.35941	0.00218288		0.178356		-5.60674	0.43806		1.04201		1.04201	0.0188021		0.178356	-5.60674	4.32806		8.08501	1.18061	1
cg01084718	UBE2N		0.01108453		0.0661845	0.402172	-2.4865	0.0223994	0.298412		-3.35107	0.711379	0.848513		-1.17853	0.142489	0.498168		-2.00735	0.00191056		0.14327		-6.97985		0.479152	0.727609		-1.37436	0.00130408		0.126268		-7.91966	0.0111313		0.244968		-4.08217	0.145342		0.500998	-1.99602	5.71827		17.6934	2.75039	1
cg18350524	UBE2N		0.01128152		0.0626341	0.791456	-1.26349	0.00654955	0.558206		-1.79145	0.0505501	0.779776		-1.28242	0.664531	0.952459		-1.04991	0.649443		1.05233		1.05233		0.173435	0.849981		-1.17655	0.0933201		1.22885		1.22885	0.0548882		0.78425		-1.2751	0.028344		0.749406	-1.33501	5.68339		1.12212	0.175439	1
cg07051833	UBE2N		0.01311365		0.3388827	1.24107	1.24107	0.0118204	2.62224		2.62224	0.284345	1.39225		1.39225	0.174481	1.650646		1.65064	0.0214932		1.65064		1.65064		0.119207	0.622784		1.60569	0.136691		0.126511		7.90187	0.0127554		1.61131	0.15213		1.57948	0.00387505		0.371227	-2.69377	5.44164		7.58812	1.14439	1
cg02845988	UBE2N		0.01393777		0.335915	1.17782	1.17782	0.216479	0.806922		-1.23928	0.00620143	1.80156		1.80156	0.00232511	2.01669		2.01669	0.547832		1.10552		1.10552		0.496651	0.892398		-1.12058	0.502243		0.893754		-1.11888	0.0104979		1.70099		1.70099	0.128152		1.31165	1.31165	5.30766		2.28713	0.383031	1
cg08136604	UBE2N		0.01436624		0.160924	0.621377	-1.60888	0.0196504	1.24127		1.24127	0.115762	1.08972		1.08972	0.360952	1.3984		1.3984	0.0178124		0.703182		-1.42205		0.112265	0.618822		-1.61616	0.0176303		1.32426		1.32426	0.0288528		1.14229		1.14229	0.0258206		1.07633	1.07633	4.68812		10.1429	1.71559	1
cg04561575	UBE2N		0.01156053		0.0117435	0.297004	-4.17181	0.0402051	0.141069		-7.09346	0.0246478	0.57565		-1.73717	0.345357	0.643383		-1.55429	0.0184514		0.256665		-3.89612		0.0155988	0.502858		-1.98895	0.0125852		0.430781		-2.32137	0.132515		0.546755		-1.82955	0.0198525		0.430781	-2.32137	5.76352		10.9125	1.42301	1
cg19589800	UBE2N		0.01491938		0.0147166	0.266228	-3.75618	0.635081	0.809992		-1.23458	0.69418	1.19027		1.19027	0.798703	0.888343		-1.12569	0.00816256		0.224861		-4.44718		0.0209182	0.384813		-2.59888	0.0139045		0.224861		-4.44718		0.0279302		-3.58056		0.0139045		0.224861	-4.44718	3.58244		7.98379	1.31312	1
cg24238345	UBE2N		0.01790202		0.0779525	0.552216	-1.81022	0.0102	0.9125		-1.09565	0.0944444	1.1649		-1.1649	0.458824	1.45387		-1.45387	0.0144241		0.570332		-1.75305		0.0229779	0.637779		-1.56837	0.0195841		0.45279		-4.05277	0.188552		1.500985		-1.39907	0.347624		1.184571	3.46521		7.98379	1.31312	1
cg17318943	UBE2O		0.00046541		0.0149401	0.424936	-2.3533	1.59E-05	0.189267		-5.28354	0.50142	0.582668		-1.71293	0.20172	1.28656		1.28656	0.143597		1.14141		1.14141		0.163886	1.31566		1.31566	0.0740552		1.45075		1.45075	0.0382374		0.638341		-1.56656	0.79865		0.953346	-1.04894	14.5773		6.06514	0.491794	1
cg25037510	UBE2P2		0.00187327		0.113093	1.44252	1.44252	0.0187253	0.723447		-1.39374	0.31742	0.749937		-1.33349	0.249091	0.584159		-1.71212	0.0417496		0.334		-2.99502		0.0170464	0.438373		-2.28116	0.0127966		0.584159		-1.71212	0.0417496		0.334		-2.99502		0.0170464	0.438373		-2.28116	-2.28116	5.31436		5.60624	0.504024	1
cg25757877	UBE2Q		0.00463916		0.00964968	0.29968	-3.33689	0.299093	1.27878		1.27878	0.0208423	0.529674		-1.88795	0.702462	0.916039		-1.09166	0.0631891		0.620364		-1.61196		0.631658	1.11668		1.11668	0.000832394		0.316828		-3.15628	0.122098		0.681905		-1.46648	0.0390405		0.580144	-1.72371	7.50796		6.20784	0.734964	1
ch.17.1096417	UBE2Q2		0.00379968		0.12468	1.43513	1.43513	0.0128301	0.670192		-1.49208	0.0267068	0.722567		-1.38405	0.0089729	0.717382		-1.39407	0.0276612		0.722567		-1.38405		0.174727	0.561067		-1.78243	0.0210154		0.722567		-1.38405		0.0210154		-4.75889		0.0210154		0.722567	-1.38405	3.52188		5.04224	0.452333	1
cg10157411	UBE2Q2		0.00911406		0.0202235	0.23295	0.012395	0.0158581	0.598531		-1.67076	0.258801	0.824036		-1.21354	0.197428	0.796453		-1.25585	0.201803		0.824036		-1.21354		0.330664	1.17927		1.17927	0.263863		1.20928		1.20928	0.039089		0.675517		-1.48035	0.0297847		0.652796	-1.53187	0.08799		2.60194	0.379901	1
cg08561775	UBE2Q2		0.01024589		0.457927	0.896938	-1.1149	0.04092438	1.70921		1.70921	0.62825	0.932198		-1.07273	0.010999	1.58259		1.58259	0.0986184		0.770574		-1.29773		0.207074	0.82575		-1.21102	0.700787		0.945955		-1.05713	0.926013		1.01346		1.01346	0.575202		0.921755	-1.08489	3.97356		1.30314	0.291514	1
cg09445634	UBE2Q2		0.00719574		0.0479814	0.209235	0.5592279		1.24323		1.24323	0.0137855	0.896843		-1.11509	0.0139665	0.910665		-1.09876	0.0139665		0.910665		-1.09876		0.0450974	0.42839		-2.33432	0.0597804		0.456951		-2.18842	0.665249		0.851707		-1.17411	0.034264		0.402245	-2.48605	3.80497		0.81897	0.19189	1
cg15047055	UBE2Q2		0.0492532		0.0729174	0.495434	-2.01843	0.0310755	0.411256		-2.43158	0.0262161	0.396191		-2.52403	0.226517	0.640297		-1.56177	0.437352		0.757176		1.3207		0.0312045	0.42937		-2.32937	0.355656		1.39596		1.39596	0.252651		0.657373		-1.52121	0.291452		0.680911	-1.46862	3.40755		6.6253	1.73531	1
cg11664193	UBE2Q2		0.0493542		0.4497192	0.834015	-1.19903	0.222718	0.671396		-1.48929	0.551821	1.17576		1.17576	0.977706	1.00739		1.00739	0.0112526		0.644562		-2.24006		0.111148	0.651047		-1.53599	0.0366397		0.523943		-1.89738	0.0663342		1.7199		1.7199	0.0427206		0.544245	-1.84827	5.4109		3.73895	0.979099	1
cg26369505	UBE2Q;UBE2Q;AANAT		0.00399659		0.1603	1.34103	1.34103	0.153039	0.739757		-1.3518	0.0384565	0.64789		-1.60789	0.570517	1.11886		1.11886	0.140352		1.36443		1.36443		0.246292	1.2681		1.2681	0.00178644		0.288364		-3.4676	0.0482398		1.55612		1.55612	0.0990565		0.997686	-2.00532	7.89039		4.79551	0.540237	1
cg08031413	UBE2Q1		0.00312371		0.00216088	0.353039	-2.83254	0.00125709	0.320188		-3.12117	0.054772	0.59051		-1.69345	0.0744781	0.806541		-1.23996	0.00140105		0.329955		-3.03071		0.0158422	0.489778		-2.04341	0.00079568		0.293444		-3.40781	0.0597014		0.598341		-1.67129	0.372151		0.801266	-2.14803	8.45598		7.83069	0.823159	1
cg22118197	UBE2Q1		0.00525952		0.0167547	0.279394	-3.57903	0.0210593	0.264431		-3.78068	0.175514	0.645781		-1.5202	0.0227662	1.20449		1.20449	0.0072632		0.302		-3.31024		0.0210807	0.437333		-2.28607	0.0138867		0.477163		-2.09572	0.0530136		0.838118		-1.19318	0.0701754		1.19008	-2.03311	7.41055		2.19008	0.0824	1
cg24475146	UBE2Q1		0.01136515		0.132767	0.823789	-1.2139	0.00771794	0.660466		-1.51408	0.0728241	0.787291		-1.27018	0.0485835	0.763961		-1.30897	0.0024712		0.604741		-1.6536		0.0170863	0.706504		-1.41542	0.00767775		0.664022		-1.50597	0.561827		1.07261		1.07261	0.0843809		0.796002	-1.25628	5.34264		1.20847	0.201061	1
cg00241833	UBE2Q1		0.02216319		0.236337	0.81887	-1.22119	0.7609398	0.951935		-1.05049	0.382783	0.868044		-1.15155	0.00848881	0.568929		-1.75769	0.040314		0.682341		-1.46554		0.145438	0.944784		1.05894	0.777073		-1.28688		0.533154		0.903345		-1.10707		0.542649		1.84285	0.365115		1.90	0.0	1
cg09311052	UBE2Q1		0.0183444		0.861276	0.97116	-1.0297	0.598472	1.09298		1.09298	0.0224343	2.04588		2.04588	0.99007	1.00208		1.00208	0.993888		1.54272		1.54272		0.633604	1.02955		-1.03045	0.0210592		1.05165		1.05165	0.0210592		1.05165		-1.02955		0.0210592		1.05165	1.05165	3.47076		1.65838	0.394068	1
cg20124858	UBE2Q1		0.0199423		0.0188065	0.285595	-3.50146	0.0267037	0.339206		-2.94806	0.272964	0.625117		-1.5997	0.800609	1.10983		1.10983	0.027634		0.342213		-2.92215		0.292999	0.638135		-1.56707	0.00936576		0.257478		-3.88382	0.0237859		0.32922		-3.03748	0.3016691		0.64364	-1.55366	3.69534		9.92166	2.38707	1
cg08008562	UBE2Q1		0.0401586		0.0615924	0.555142	-1.80126	0.0376388	0.7433		-1.3331	0.732832	0.909794		-1.09919	0.00636701	0.235252		-4.25076	0.0482369		0.440954		-2.26805		0.833021	0.944396		-1.05903	0.956477		1.01518		1.01518	0.863065		0.953472		-1.04881	0.636344		0.419373	1.07239				
cg09106948	UBE2Q1		0.0454398		0.642367	1.05834	1.05834	0.563687	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02065274	UBE3B;UBE3B	0.00581286	0.165069	0.767248	-1.30336	0.161059	0.765044	-1.30711	0.166401	1.30213	1.30213	0.00697982	0.535627	-1.86697	0.000543887	0.382269	-2.61596
cg15717858	UBE3B;UBE3B	0.00594494	0.605846	0.878101	-1.13882	0.0354015	0.5424	-1.84366	0.546501	0.858644	-1.16463	0.274017	1.32878	1.32878	0.000220139	0.214913	-4.65304
cg06199052	UBE3B;UBE3B	0.0238899	0.62375	0.838533	-1.19256	0.00164495	0.200839	-4.97911	0.0350049	0.416862	-2.39887	0.237967	1.55315	1.55315	0.0155179	0.347381	-2.87868
cg19178585	UBE3B;UBE3B	0.0260714	0.0890223	0.623481	-1.6039	0.0521037	0.57318	-1.74465	0.0935706	0.628419	-1.5913	0.0587678	0.584077	-1.7121	0.00827688	0.427208	-2.34078
cg05868448	UBE3C	3.44E-05	0.0850464	1.29191	1.29191	0.0017166	0.547763	-1.82561	0.179992	1.21109	1.21109	9.13E-05	0.390537	-2.56057	0.0137164	1.50667	1.50667
cg25165171	UBE3C	3.74E-05	0.00974133	0.736226	-1.35828	6.26E-06	2.57418	2.57418	7.46E-05	1.96179	1.96179	0.146009	0.863998	-1.15741	0.460261	0.932005	-1.07296
cg07023209	UBE3C	0.000169095	0.129957	0.708816	-1.4108	0.0631087	0.644153	-1.55243	0.00180628	0.393128	-2.5437	0.00342992	0.43325	-2.30814	2.79E-05	0.176333	-5.67108
cg11538176	UBE3C	0.000219991	0.373937	0.803685	-1.24427	0.0999181	1.53989	1.53989	0.10749	0.65662	-1.52295	0.000195952	0.223217	-4.47995	0.00292595	0.375748	-2.66136
cg16102536	UBE3C	0.00321908	0.67877	1.1353	1.1353	0.00261354	0.280796	-3.56131	0.00193529	0.262737	-3.80609	0.98154	0.992975	-1.00707	0.00140776	0.244414	-4.09141
cg15470736	UBE3C	0.00396819	0.0570422	0.672329	-1.48737	0.0434305	1.53453	1.53453	0.0727437	0.691353	-1.44644	0.0642988	0.681623	-1.46709	0.000258935	0.330124	-3.02917
cg21264531	UBE3C	0.00546525	0.00802144	0.185944	-5.37797	0.344493	0.617417	-1.61965	0.0224368	0.258111	-3.8743	0.706554	1.206	1.206	0.00175119	0.109827	-9.10521
cg21774865	UBE3C	0.00553413	0.0374324	0.558135	-1.79168	0.175308	0.706059	-1.41631	0.0221471	0.515615	-1.93943	0.6151	0.884771	-1.13024	0.000162548	0.211394	-4.7305
cg03824884	UBE3C	0.00578351	0.303936	0.833716	-1.19945	0.0016864	2.15251	2.15251	0.221859	1.24521	1.24521	0.0523772	1.45767	1.45767	0.525251	0.895872	-1.11623
cg18003588	UBE3C	0.0068308	0.000299003	0.278058	-3.59637	0.800494	0.946406	-1.05663	0.618858	0.896647	-1.11527	0.437942	1.18781	1.18781	0.32117	0.800147	-1.24977
cg25782682	UBE3C	0.00772765	0.64083	1.07405	1.07405	0.00821285	0.598033	-1.67215	0.00177525	0.508347	-1.96716	0.287001	0.845278	-1.18304	0.428259	1.13084	1.13084
cg12021430	UBE3C	0.00845594	0.233899	1.36159	1.36159	0.887155	1.03574	1.03574	0.206236	0.719101	-1.39063	0.259876	0.747752	-1.33734	0.000287486	0.231357	-4.32233
cg17609887	UBE3C	0.0121149	0.0652277	0.638948	-1.56507	0.509027	1.156	1.156	0.1215	0.695376	-1.43807	0.548531	0.876885	-1.1404	0.00846765	0.483156	-2.06973
cg21509457	UBE3C	0.0182329	0.996479	0.999135	-1.00087	0.0407838	0.629164	-1.58941	0.000952359	0.380526	-2.62794	0.378086	1.19416	1.19416	0.237881	1.27454	1.27454
cg19961277	UBE3C	0.0257862	0.20895	1.33832	1.33832	0.0144585	0.515252	-1.9408	0.00440744	0.433293	-2.30791	0.972286	1.00767	1.00767	0.783422	0.941179	-1.0625
cg00927227	UBE3C	0.0321395	0.529877	1.1126	1.1126	0.00454707	0.530607	-1.88464	0.170635	0.782981	-1.27717	0.786994	1.04646	1.04646	0.573141	1.10016	1.10016
cg11493553	UBE3C	0.0481913	0.483405	0.856161	-1.168	0.952653	0.987137	-1.01303	0.11231	0.68595	-1.45783	0.718785	0.924187	-1.08203	0.14242	0.709071	-1.4103
cg13699657	UBE3C;UBE3C	0.0201997	0.694247	0.941493	-1.06214	0.138061	1.27594	1.27594	0.314492	1.17202	1.17202	0.441451	1.12725	1.12725	0.469748	1.11877	1.11877
cg08127460	UBE3C;UBE3C	0.024158	0.515142	0.882637	-1.13297	0.183308	0.764184	-1.30858	0.537979	0.888757	-1.12517	0.130119	1.36659	1.36659	0.0084824	0.51695	-1.93442
cg09096950	UBE4A	0.00376083	0.0647105	0.427349	-2.34001	0.0197185	3.17082	3.17082	0.109647	2.04345	2.04345	0.00710123	4.15832	4.15832	0.0835126	0.456156	-2.19223
cg25574849	UBE4A	0.00734623	0.804999	0.90145	-1.10932	0.435176	0.716088	-1.39648	0.0385879	0.366059	-2.7318	0.248726	0.603077	-1.65816	0.00064789	0.111438	-8.97358
cg24663984	UBE4A	0.0217801	0.642276	0.943874	-1.05946	0.0163482	1.43683	1.43683	0.0908285	1.25863	1.25863	0.212437	0.850303	-1.17605	0.365513	1.12165	1.12165
cg16781287	UBE4A	0.0222789	0.0507684	0.271285	-3.68616	0.020507	0.194693	-5.13628	0.013866	0.168249	-5.94358	0.0577778	0.284364	-3.51662	0.0276414	0.217322	-4.60147
cg04226001	UBE4A	0.0415919	0.453901	0.740197	-1.35099	0.703134	1.16298	1.16298	0.336687	0.67664	-1.47789	0.684021	0.850991	-1.1751	0.00177323	0.172872	-5.78462
cg07212053	UBE4A;UBE4A	0.0190913	0.0108591	0.389398	-2.56806	0.107186	1.67956	1.67956	0.076436	1.78818	1.78818	0.230123	0.68986	-1.44957	0.57831	0.847406	-1.18007
cg21180178	UBE4B;UBE4B	0.000184639	0.00448917	0.762399	-1.31165	0.0331696	1.1952	1.1952	0.00273175	1.34476	1.34476	2.58E-05	0.550371	-1.81695	0.1778	0.902538	-1.10799
cg08151470	UBE4B;UBE4B	0.00165976	0.299858	0.824469	-1.2129	0.501164	0.884569	-1.13049	0.651735	0.921617	-1.08505	0.00836494	1.83182	1.83182	0.000607516	0.387026	-2.58381
cg13374225	UBE4B;UBE4B	0.0144381	0.00623646	0.749035	-1.33505	0.072029	1.17677	1.17677	0.00847467	1.31314	1.31314	0.206671	0.897666	-1.114	0.546281	0.951711	-1.05074
cg09852008	UBE4B;UBE4B	0.0212387	0.000344099	0.361415	-2.7669	0.66861	0.926757	-1.07903	0.820605	1.04094	1.04094	0.319444	0.833819	-1.1993	0.597052	0.910067	-1.09882
cg04038241	UBE4B;UBE4B	0.0387884	0.0154994	0.756175	-1.32244	0.139075	1.16167	1.16167	0.755674	0.971048	-1.02982	0.0867888	0.836914	-1.19487	0.168033	0.870849	-1.1483
cg06758477	UBE4B;UBE4B	0.0413016	0.00595467	0.353397	-2.82968	0.141565	0.633043	-1.57967	0.0926789	1.70776	1.70776	0.667775	1.13303	1.13303	0.111021	0.605202	-1.65234
cg00993191	UBE4B;UBE4B;UBE4B;UBE4B	0.000272433	0.97355	1.00353	1.00353	0.0016682	1.61345	1.61345	0.00117518	1.65957	1.65957	6.31E-05	0.456791	-2.18919	0.338754	0.900406	-1.11061
cg26216002	UBE4B;UBE4B;UBE4B;UBE4B	0.00164358	0.0138197	1.53845	1.53845	0.00297601	0.561574	-1.78071	0.00606378	0.602071	-1.66093	0.380398	1.13585	1.13585	0.115243	0.784708	-1.27436
cg23582919	UBFD1;EARS2;EARS2	4.66E-05	0.13448	0.834108	-1.19889	6.86E-06	3.06741	3.06741	0.000261809	1.96314	1.96314	0.106517	0.820286	-1.21909	0.00897681	1.45281	1.45281
cg05785488	UBFD1;EARS2;EARS2	0.00769659	0.0236804	0.426568	-2.34429	0.8678	0.948807	-1.05396	0.0514528	0.496872	-2.01259	0.000664917	0.193282	-5.17378	0.0154103	0.391489	-2.55435
cg02778609	UBFD1;EARS2;EARS2	0.0285473	0.0110346	0.106853	-9.35861	0.14943	0.338153	-2.95724	0.0811704	0.257634	-3.88147	0.90772	0.921881	-1.08474	0.0402139	5.27353	5.27353
cg04881271	UBFD1;EARS2;EARS2	0.0302229	0.728576	1.07584	1.07584	0.00618526	2.11529	2.11529	0.0147503	1.87703	1.87703	0.607569	0.897008	-1.11482	0.0719616	1.5242	1.5242
cg26229593	UBIAD1	2.30E-05	0.402274	0.888625	-1.12533	0.284883	0.858115	-1.16534	9.92E-05	0.38607	-2.5902	0.488617	1.10176	1.10176	2.04E-06	0.199265	-5.01843
cg08936461	UBIAD1	0.000579462	0.000613725	0.330466	-3.02603	0.00624824	0.47334	-2.11265	0.0826573	0.668045	-1.49691	0.0675117	0.650559	-1.53714	0.0843584	0.669836	-1.4929
cg00812303	UBIAD1	0.00955111	0.535846	1.22782	1.22782	0.631461	1.17142	1.17142	0.26273	1.4656	1.4656	0.000105742	9.40499	9.40499	0.44807	1.28803	1.28803
cg15800786	UBIAD1	0.0243268	0.0674348	1.85489	1.85489	0.386844	0.765329	-1.30663	0.0179719	2.37941	2.37941	0.115618	1.67481	1.67481	0.543695	0.830843	-1.2036
cg04400047	UBIAD1	0.0399522	0.382236	0.641315	-1.5593	0.059893	2.86452	2.86452	0.033371	3.43006	3.43006	0.0101842	4.98432	4.98432	0.855793	1.09437	1.09437
cg14280409	UBIAD1;UBIAD1	0.0450721	0.00622661	0.630539	-1.58595	0.0423187	1.35317	1.35317	0.0568987	1.32138	1.32138	0.37342	0.888546	-1.12543	0.167151	1.2098	1.2098
cg24389195	UBL3	0.000202891	0.012307	0.54432	-1.83716	0.02485	0.59389	-1.68381	0.013875	0.552581	-1.80969	0.234558	0.784189	-1.2752	0.000133137	0.274629	-3.64128
cg18356743	UBL3	0.000974713	0.00678846	0.459918	-2.1743	0.00996416	0.486475	-2.0556	0.173133	0.725467	-1.37842	0.0678665	1.57273	1.57273	0.00543959	0.444973	-2.24733
cg12267883	UBL3	0.00150791	?	?	?	?	?	?	0.967685	1.01735	1.01735	0.0146349	3.58277	3.58277	0.932291	0.964568	-1.03673
cg22117688	UBL3	0.00197988	0.7062	1.05998	1.05998	0.980308	0.996211	-1.0038	0.00714295	0.586029	-1.7064	0.0162192	1.5719	1.5719	8.41E-05	0.336919	-2.96807
cg05966045	UBL3	0.00572489	0.00077765	0.0451372	-22.1547	?	?	?	0.0402075	4.23894	4.23894	0.0194328	0.178777	-5.59357	0.0794936	0.305443	-3.27393
cg08751352	UBL3	0.0256691	0.525945	1.49648	1.49648	0.0520475	4.0003	4.0003	0.039331	4.46159	4.46159	0.445229	1.62929	1.62929	0.00442904	0.0923439	-10.8291
cg22781236	UBL3;UBL3	0.0114459	0.0198189	0.770186	-1.29839	0.00993669	0.739143	-1.35292	0.25123	0.894693	-1.1177	0.259188	1.11546	1.11546	0.0264449	0.783268	-1.2767
cg10698984	UBL3;UBL3	0.0124193	0.00116606	0.172347	-5.80225	0.722024	1.12	1.12	0.127262	0.584129	-1.71195	0.506457	1.23943	1.23943	?	?	?
cg22137300	UBL4A	0.0154227	0.0467124	0.484354	-2.06461	0.0870924	0.54803	-1.82472	0.75265	0.904256	-1.10588	0.0671007	0.52033	-1.92186	0.000811441	0.200327	-4.99185
cg02049829	UBL4B	7.55E-05	0.653984	1.08072	1.08072	2.88E-05	0.243447	-4.10768	0.00160472	0.459062	-2.17836	0.000166331	0.331708	-3.0147	0.843566	0.966579	-1.03458
cg04867075	UBL4B	0.00209057	0.199703	0.907683	-1.10171	0.025182	0.826682	-1.20965	0.277446	0.922424	-1.0841	0.00283937	1.34147	1.34147	0.395927	1.06413	1.06413
cg10241097	UBL4B	0.0105409	0.948678	0.977982	-1.02251	0.0706441	0.49722	-2.01118	0.00106847	0.18783	-5.32398	0.871724	0.945642	-1.05748	0.00583458	0.286922	-3.48526
cg24346637	UBL4B	0.0239023	0.00971552	0.693724	-1.4415	0.714351	0.959736	-1.04195	0.39048	0.906313	-1.10337	0.748569	1.03661	1.03661	0.00245405	0.624343	-1.60168
cg11065458	UBL4B	0.0395347	0.0548585	0.466209	-2.14496	0.0913792	0.521238	-1.91851	0.0129347	0.339163	-2.94843	0.0126464	0.337441	-2.96348	0.150814	0.582973	-1.71535
cg24493115	UBL4B;UBL4B	2.58E-05	3.99E-06	0.324831	-3.07853	0.00237004	0.640987	-1.56009	0.0196681	0.744034	-1.34402	0.00221158	1.56833	1.56833	0.750672	1.03401	1.03401
cg15487992	UBL5;UBL5	0	?	?	?	?	?	?	0	4.30546	4.30546	?	?	?	?	?	?
cg05219684	UBL5;UBL5	0.000164281	0.765335	0.982149	-1.01818	0.00314036	1.27501	1.27501	0.00283491	1.2806	1.2806	0.0148003	0.834896	-1.19775	0.188514	1.08745	1.08745
cg00715257	UBL5;UBL5	0.000305906	0.0329632	2.65063	2.65063	0.00290853	0.193252	-5.1746	0.37717	1.41463	1.41463	0.154976	1.79756	1.79756	0.568258	1.24639	1.24639
cg23906760	UBL5;UBL5	0.0182514	0.455775	1.08657	1.08657	0.0508286	1.27528	1.27528	0.00276707	1.57005	1.57005	0.296623	0.888455	-1.12555	0.30577	1.12288	1.12288
cg26877198	UBL5;UBL5	0.0221693	0.843577	1.01782	1.01782	0.71692	0.967967	-1.03309	0.0731312	0.836358	-1.19566	0.825166	0.980412	-1.01998	0.0064548	0.728561	-1.37257
cg26634140	UBL5;UBL5	0.0241701	0.369088	0.900235	-1.11082	0.0215928	0.730273	-1.36935	0.336437	0.893223	-1.11954	0.0139065	1.41369	1.41369	0.398914	0.906291	-1.1034
cg20242975	UBL5;UBL5	0.0307092	0.113401	0.773292	-1.29317	0.0969035	0.761897	-1.31251	0.854919	0.973054	-1.02769	0.195054	1.22697	1.22697	0.542116	0.912018	-1.09647
cg18012350	UBL7;UBL7	0.0013069	0.00114908	0.757943	-1.31936	0.623476	1.02911	1.02911	0.00171337	1.29645	1.29645	0.286909	0.937879	-1.06624	0.00806139	0.821329	-1.21754
cg25355987	UBL7;UBL7	0.00267082	0.000287798	0.646593	-1.54657	0.00299573	1.34983	1.34983	0.282101	0.920936	-1.08585	0.627054	0.964563	-1.03674	0.154765	0.893848	-1.11876
cg10785927	UBL7;UBL7	0.019419	0.99344	1.00074	1.00074	0.0880122	1.18548	1.18548	0.127031	1.16084	1.16084	0.541162	0.945629	-1.0575	0.794166	0.976647	-1.02391
cg26925226	UBL7;UBL7	0.0243323	0.0209131	0.221512	-4.51442	0.0408625	0.277994	-3.5972	0.0508537	0.299247	-3.34172	0.268581	0.53529	-1.86815	0.00212527	0.0961533	-10.4001
cg10267614	UBL7;UBL7	0.0373976	0.29445	0.807756	-1.238	0.00172739	0.415727	-2.40542	0.982275	0.995648	-1.00437	0.412901	0.848436	-1.17864	0.0406848	0.628782	-1.59038
cg10421435	UBLCP1	0.000434824	8.47E-05	0.128255	-7.79699	0.00141062	0.260919	-3.8326	0.0117712	0.400717	-2.49553	0.00258281	0.296981	-3.36722	9.17E-05	0.131211	-7.62132
cg18188768	UBLCP1	0.000999902	0.000716708	0.606535	-1.64871	0.000603662	0.598394	-1.67114	0.0378589	0.791544	-1.26335	0.00164703	0.645673	-1.54877	0.0173325	0.754753	-1.32494
cg24865210	UBLCP1	0.00291811	0.00979269	0.22522	-4.44011	0.00168273	0.128813	-7.7632	0.0112034	0.234414	-4.26595	0.190115	0.53079	-1.88398	0.00320341	0.15937	-6.27471
cg16391973	UBLCP1	0.00714817	0.0110544	0.218492	-4.57682	0.0010168	0.0976999	-10.2354	0.0210297	0.265872	-3.7612	0.153339	0.482044	-2.0745	0.0178621	0.253082	-3.95128
cg08440934	UBLCP1	0.00725643	0.00287328	0.241579	-4.13943	0.0758804	0.504406	-1.98253	0.610457	0.83696	-1.1948	0.0364548	0.430728	-2.32165	0.0120959	0.338306	-2.95591
cg04635999	UBLCP1	0.0338449	?	?	?	0.183963	0.417931	-2.39274	0.164908	2.50179	2.50179	?	?	?	0.312202	1.90999	1.90999
cg06698293	UBLCP1	0.0402629	0.512465	1.0606	1.0606	0.100877	1.1725	1.1725	0.0647594	1.20168	1.20168	0.217579	1.12174	1.12174	0.165508	1.13997	1.13997
cg02884181	UBLCP1	0.0494291	0.0696931	0.265136	-3.77165	0.0124996	0.130884	-7.64033	0.0214447	0.16393	-6.10017	0.496507	0.636477	-1.57115	0.0507644	0.233061	-4.29072
cg07444907	UBLCP1;UBLCP1	0.0090401	0.407302	0.852594	-1.17289	0.0690213	1.46636	1.46636	0.156568	1.32989	1.32989	0.17084	0.76006	-1.31569	0.0617788	1.48552	1.48552
cg01261535	UBN1;GLYR1	0.0121465	0.036806	0.565509	-1.76832	0.96332	0.98925	-1.01087	0.0694527	0.620469	-1.61169	0.620973	1.12428	1.12428	0.589515	1.13658	1.13658
cg02741291	UBN1;UBN1	0.00751418	0.0846529	1.40952	1.40952	0.0120021	0.568929	-1.75769	0.0025564	0.470907	-2.12356	0.28897	1.2191	1.2191	0.0379504	0.648491	-1.54204
cg09669411	UBN1;UBN1	0.0219288	0.251109	0.680543	-1.46941	0.089276	0.548044	-1.82467	0.917941	1.03363	1.03363	0.800957	1.08446	1.08446	0.00278093	0.266172	-3.75698
cg07759258	UBN1;UBN1	0.0311498	0.0574588	0.487881	-2.04968	0.165888	0.610466	-1.63809	0.551583	0.817757	-1.22286	0.0706491	0.509293	-1.96351	0.00188	0.229411	-4.359
cg15877295	UBN2	0.00516813	0.344203	0.899324	-1.11195	0.000434776	1.83257	1.83257	0.530917	1.07157	1.07157	0.481636	0.925063	-1.08101	0.182717	0.857278	-1.16648
cg03027977	UBN2	0.00866543	0.88899	1.02476	1.02476	0.0310617	1.5578	1.5578	0.0771763	1.41076	1.41076	0.518941	0.891801	-1.12133	0.906248	0.979578	-1.02085
cg00108894	UBN2	0.0154578	0.000583757	0.298487	-3.35023	0.81772	0.948855	-1.0539	0.815841	1.05449	1.05449	0.98824	0.996654	-1.00336	0.119662	0.681147	-1.46811
ch.7.2902493F	UBN2	0.0168028	0.236559	0.483955	-2.06631	0.000218233	0.0271211	-36.8716	0.0646208	0.296806	-3.36921	0.265411	0.507032	-1.97226	0.117954	0.370287	-2.70061
cg21895593	UBN2	0.0178441	0.00753226	0.443632	-2.25412	0.620738	0.888796	-1.12512	0.571768	0.87367	-1.1446	0.223449	0.739104	-1.35299	0.0151146	0.493816	-2.02505
cg06388006	UBN2	0.0377256	0.00518283	0.0711206	-14.0606	0.248015	0.42101	-2.37524	0.266302	0.43618	-2.29263	0.18169	0.362197	-2.76093	0.0116954	0.104695	-9.55151
cg23973801	UBOX5;FASTKD5;UBOX5	0.00011811	0.170624	0.729694	-1.37044	2.23E-05	0.159289	-6.27789	0.945496	0.985343	-1.01488	0.350347	0.812528	-1.23073	0.0285707	0.572406	-1.74701
cg17295666	UBOX5;FASTKD5;UBOX5	0.00826987	0.00895639	0.110615	-9.04034	0.0132357	0.13087	-7.64117	0.138902	0.348196	-2.87195	0.793595	0.84058	-1.18965	0.00211602	0.0571651	-17.4932
cg09127015	UBOX5;UBOX5	0.00104316	0.58601	1.11132	1.11132	0.433565	0.857815	-1.16575	0.00194925	0.431342	-2.31834	0.342224	0.82877	-1.20661	8.87E-05	0.259962	-3.84671
cg17734135	UBOX5;UBOX5;FASTKD5	0.00594079	0.131585	1.29617	1.29617	0.0152163	1.60816	1.60816	0.00614259	1.76785	1.76785	0.650233	1.07546	1.07546	0.747995	1.05272	1.05272
cg07582993	UBOX5;UBOX5;FASTKD5	0.00617092	0.400014	0.689204	-1.45095	0.859891	1.07932	1.07932	0.451224	0.717745	-1.39325	0.369632	0.67161	-1.48896	0.000559156	0.0990309	-10.0979
cg02634816	UBOX5;UBOX5;FASTKD5	0.0145287	0.042708	0.245648	-4.07086	0.000302523	0.0291742	-34.2769	0.729915	1.23189	1.23189	0.877215	0.91116	-1.0975	0.0392493	0.238013	-4.20146
cg10717714	UBP1;UBP1;UBP1	4.32E-05	0.272893	1.07606	1.07606	0.220655	1.08624	1.08624	9.45E-05	1.56353	1.56353	0.057201	0.870907	-1.14823	2.49E-05	0.583789	-1.71295
cg08854511	UBP1;UBP1;UBP1	8.23E-05	0.572238	0.895451	-1.11676	0.991096	0.997843	-1.00216	0.0354332	1.60622	1.60622	0.0613124	0.665003	-1.50375	0.988378	0.997186	-1.00282
cg07210466	UBP1;UBP1;UBP1	0.000196593	0.195321	1.18717	1.18717	0.000272865	0.473725	-2.11093	5.68E-05	0.392091	-2.55043	0.480353	1.09403	1.09403	0.00168508	0.569902	-1.75469
cg08510727	UBP1;UBP1;UBP1	0.00112848	0.000281081	1.56645	1.56645	0.683185	0.969463	-1.0315	0.605154	0.961349	-1.04021	0.64592	1.03558	1.03558	0.0127483	0.791448	-1.26351
cg09883947	UBP1;UBP1;UBP1	0.00234785	0.220368	0.813906	-1.22864	0.000221837	0.374286	-2.67175	0.0892317	0.741203	-1.34916	0.00880502	1.7041	1.7041	0.965016	0.993016	-1.00703
cg22797653	UBP1;UBP1;UBP1	0.00241404	0.400043	0.817746	-1.22287	0.00594846	2.31651	2.31651	0.00236171	2.69285	2.69285	0.0213973	0.524278	-1.90739	0.00458391	0.414167	-2.41449
cg00316602	UBP1;UBP1;UBP1	0.00581728	0.0119127	0.508093	-1.96814	0.0577807	1.58855	1.58855	0.0187358	1.84888	1.84888	0.157337	0.721629	-1.38575	0.0668323	0.641921	-1.55782
cg19935505	UBP1;UBP1;UBP1	0.0175354	0.303481	0.914217	-1.09383	0.529034	0.94775	-1.05513	0.364908	1.08149	1.08149	0.120531	1.15223	1.15223	0.000634308	0.642954	-1.55532
cg18308527	UBP1;UBP1;UBP1	0.0403588	0.825326	1.08694	1.08694	0.0562924	2.34758	2.34758	0.0630321	0.438884	-2.2785	0.442386	0.742795	-1.34627	?	?	?
cg12884381	UBP1;UBP1;UBP1;UBP1;UBP1;UBP1	0.0111157	0.000326043	0.2476	-4.03878	0.142798	0.684854	-1.46017	0.956629	1.01316	1.01316	0.689468	1.10134	1.10134	0.192801	0.71802	-1.39272
cg14205131	UBQLN1;UBQLN1	0.000511808	0.00041642	0.573666	-1.74318	0.00941152	1.38647	1.38647	0.000628787	1.68492	1.68492	0.000723242	0.600208	-1.66609	0.275027	1.11933	1.11933
cg21237747	UBQLN1;UBQLN1	0.00601214	0.0248377	1.51381	1.51381	0.00595747	0.572245	-1.7475	0.0464267	0.701798	-1.42491	0.407814	1.14047	1.14047	0.136773	0.779715	-1.28252
cg08670517	UBQLN1;UBQLN1	0.00936051	0.012337	0.648532	-1.54194	0.00507989	1.67325	1.67325	0.00995069	1.57215	1.57215	0.427942	1.11905	1.11905	0.0558845	1.35125	1.35125
cg13674249	UBQLN1;UBQLN1	0.021802	0.0138858	0.0960625	-10.4099	0.99525	1.0046	1.0046	0.175047	0.329022	-3.03931	0.109767	0.260884	-3.83312	0.0427944	0.165779	-6.03214
cg14413721	UBQLN1;UBQLN1	0.0218799	0.207105	0.765737	-1.30593	0.441942	1.17035	1.17035	0.963665	1.00918	1.00918	0.00278927	0.43739	-2.28629	0.0185993	0.564146	-1.77259
cg14374504	UBQLN1;UBQLN1;UBQLN1;UBQLN1	0.00427026	0.0500888	0.739846	-1.35163	0.152561	1.22957	1.22957	0.00806952	1.58037	1.58037	0.870446	0.978226	-1.02226	0.432669	0.897627	-1.11405
cg23993375	UBQLN2	0.0174257	0.0211672	0.46088	-2.16976	0.00262182	0.312119	-3.2039	0.0875046	0.59025	-1.6942	0.283741	0.732524	-1.36514	0.0543275	0.543204	-1.84093
cg10009003	UBQLN2	0.0426077	0.0105612	0.214882	-4.65372	0.00872701	0.20243	-4.93998	0.243462	0.557982	-1.79217	0.295137	1.68039	1.68039	0.282385	0.586253	-1.70575
cg13372231	UBQLN3	1.05E-07	8.18E-09	0.0546499	-18.2983	0.00168037	0.577326	-1.73212	9.23E-07	0.204284	-4.89514	1.96E-05	0.346749	-2.88393	7.83E-07	0.19738	-5.06636
cg15541062	UBQLN3	6.95E-06	3.82E-06	0.0620889	-16.1059	0.15371	1.4827	1.4827	7.93E-05	0.158964	-6.29074	0.277824	0.747502	-1.33779	0.304045	1.31587	1.31587
cg01369413	UBQLN3	8.09E-05	1.75E-05	0.057012	-17.5402	0.45024	1.28498	1.28498	0.00120606	0.213241	-4.68953	0.433953	0.770883	-1.29721	0.614175	0.847321	-1.18019
cg15553770	UBQLN3	0.000129835	9.23E-06	0.0464283	-21.5386	0.37728	0.748122	-1.33668	0.00297643	0.271056	-3.68927	0.00478467	0.301358	-3.31831	0.207639	0.653384	-1.53049
cg24832498	UBQLN3	0.000862452	0.000147549	0.0633026	-15.7971	0.0186468	0.299414	-3.33985	0.00423048	0.198022	-5.04995	0.0356932	0.355678	-2.81153	0.00104965	0.128689	-7.77065
cg24229750	UBQLN3	0.00191069	0.000370245	0.0690584	-14.4805	0.0235487	0.281263	-3.55539	0.00193242	0.12772	-7.82961	0.0718977	0.389702	-2.56607	0.317346	0.615815	-1.62387
cg10116178	UBQLNL	4.79E-05	6.81E-06	0.0503051	-19.8787	0.000492671	0.195071	-5.12633	0.00120106	0.241461	-4.14145	0.00309567	0.297503	-3.36131	0.000842397	0.222278	-4.49887
cg09232851	UBQLNL	0.00016489	2.84E-05	0.0574897	-17.3944	0.0469565	0.454181	-2.20176	0.00214689	0.224012	-4.46405	0.000430391	0.144668	-6.91237	0.0127128	0.341406	-2.92907
cg23004038	UBQLNL	0.000446866	0.000868527	0.358013	-2.7932	0.498672	0.868322	-1.15165	0.0389904	0.611885	-1.6343	0.128668	0.713503	-1.40154	0.518987	1.14385	1.14385
cg01389283	UBQLNL	0.0108965	0.00402523	0.0655345	-15.2591	0.909029	1.08396	1.08396	0.113756	0.297113	-3.36572	0.220428	0.403058	-2.48103	0.057253	0.219353	-4.55886
cg16649375	UBQLNL;UBQLNL	0.006965	0.00573599	0.157061	-6.36697	0.0277534	0.264535	-3.78022	0.0406064	0.298625	-3.34868	0.200738	0.50118	-1.99529	0.00760642	0.172996	-5.78047
cg07317608	UBR1	0.00110105	0.00934212	0.40711	-2.45634	0.00264178	0.321686	-3.10862	0.00117064	0.272877	-3.66466	0.0306045	0.500328	-1.99869	0.00111308	0.270003	-3.70366
cg01035804	UBR1	0.00353297	0.456596	0.782626	-1.27775	0.378345	1.33936	1.33936	0.00700991	0.323962	-3.08678	0.00916533	0.343083	-2.91475	0.00349293	0.27775	-3.60036
cg02376269	UBR1	0.00515467	0.0156905	0.509045	-1.96446	0.411342	1.2111	1.2111	0.00543931	2.30222	2.30222	0.0163632	0.512161	-1.95251	0.270942	1.29865	1.29865
ch.15.481908R	UBR1	0.00869113	0.868674	0.90243	-1.10812	0.0105096	0.125847	-7.94613	0.545201	0.683518	-1.46302	0.0599145	0.261342	-3.82641	0.000260658	0.0174001	-57.4711
cg23701314	UBR1	0.0100871	0.0419203	0.519404	-1.92528	0.558862	0.847756	-1.17958	0.36342	1.2982	1.2982	0.428003	0.797639	-1.2537	0.0112594	0.411846	-2.42809
cg01038861	UBR1	0.0202843	0.31784	0.682806	-1.46454	0.519446	0.785591	-1.27293	0.00324928	0.226929	-4.40666	0.0280524	0.383341	-2.60864	0.00261679	0.214383	-4.66454
cg26161015	UBR1	0.0241953	0.23915	1.53168	1.53168	0.508703	1.26097	1.26097	0.0959105	1.88229	1.88229	0.174391	1.64825	1.64825	0.0753915	1.98315	1.98315
cg00021783	UBR1	0.036014	0.0254612	1.42052	1.42052	0.292568	1.15528	1.15528	0.0100064	1.53704	1.53704	0.462923	1.10381	1.10381	0.0175959	1.46497	1.46497
cg18136423	UBR2	0.00518441	0.164315	0.453684	-2.20418	0.0131984	5.13674	5.13674	0.301757	1.76801	1.76801	0.629397	0.771824	-1.29563	0.360136	0.605855	-1.65056
cg02366587	UBR2	0.0131617	0.00881757	0.710652	-1.40716	0.579203	0.944237	-1.05906	0.0456624	1.26455	1.26455	0.0872432	1.21338	1.21338	0.647594	1.04827	1.04827
cg10444037	UBR2	0.0185312	0.957977	1.00676	1.00676	0.495533	0.91534	-1.09249	0.376834	1.12291	1.12291	0.636604	1.06272	1.06272	0.0620239	1.30812	1.30812
cg23323137	UBR2	0.0191008	0.372059	0.830754	-1.20373	0.353475	0.824352	-1.21307	0.891668	0.972806	-1.02795	0.336074	0.81817	-1.22224	0.267127	0.791437	-1.26353
cg07900281	UBR2	0.0237008	0.127922	0.689488	-1.45035	0.330841	0.797185	-1.25441	0.0251737	0.547999	-1.82482	0.555534	0.873983	-1.14419	0.012669	0.496582	-2.01376
cg09444439	UBR2	0.0310941	0.00752325	0.470386	-2.12591	0.39226	1.21189	1.21189	0.678036	0.912524	-1.09586	0.0176432	0.531001	-1.88323	0.0566739	0.623115	-1.60484

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02065274	0.00422528	0.503948	-1.98433	0.0278392	0.628081	-1.59215	0.121074	0.740257	-1.35088	0.0425095	0.658419	-1.51879	7.0073	3.55248	0.450639	1
cg15717858	0.693835	0.905919	-1.10385	0.437205	1.21887	1.21887	0.0890797	1.59726	1.59726	0.0770465	1.63392	1.63392	6.95893	6.87382	0.878017	1
cg06199052	0.201824	0.618753	-1.61615	0.137516	0.565707	-1.7677	0.817305	0.920884	-1.08591	0.0841534	0.506315	-1.97506	4.42644	8.8939	1.78602	1
cg19178585	0.00266764	0.351241	-2.84704	0.346598	1.27653	1.27653	0.499223	0.84132	-1.18861	0.283347	0.755198	-1.32416	4.29396	4.31509	0.893264	1
cg05868448	0.289372	0.862501	-1.15942	0.0902516	1.28545	1.28545	6.92E-06	3.8185	3.8185	0.000129905	2.44506	2.44506	29.38	8.41795	0.254685	1
cg25165171	0.000148307	0.542901	-1.84196	0.15186	1.15465	1.15465	0.00625282	1.39619	1.39619	0.72703	1.03337	1.03337	28.7509	3.99485	0.123509	1
cg07023209	0.00286356	0.421776	-2.37093	6.30E-05	0.21225	-4.71141	0.0157249	0.536442	-1.86414	6.04E-05	0.210305	-4.755	19.2251	13.4789	0.623209	1
cg11538176	0.000366115	0.254904	-3.92305	1.53E-05	0.117173	-8.53441	0.708759	0.91407	-1.09401	0.03543	0.556296	-1.79761	17.9022	16.2577	0.807235	1
cg16102536	0.00200475	0.264818	-3.77618	0.82039	1.07175	1.07175	0.341143	1.34837	1.34837	0.122137	0.600181	-1.66616	8.3806	12.3237	1.30711	1
cg15470736	0.407656	0.855418	-1.16902	0.0235011	1.64686	1.64686	0.59452	1.10413	1.10413	0.288565	0.816169	-1.22524	7.87141	4.23802	0.478584	1
cg21264531	0.00487313	0.15751	-6.34881	0.00444306	0.152641	-6.5513	0.824086	0.895605	-1.11656	0.00413077	0.148886	-6.71657	7.14143	27.7386	3.4526	1
cg21774865	0.0266791	0.530377	-1.88545	0.0185124	0.501706	-1.9932	0.965232	1.01058	1.01058	0.0160602	0.490881	-2.03715	7.11403	6.57025	0.820945	1
cg03824884	0.0249164	1.57756	1.57756	0.733551	0.943309	-1.0601	0.510291	1.12083	1.12083	0.00205555	0.476307	-2.09948	7.01824	3.24292	0.410729	1
cg18003588	0.0148574	0.521111	-1.91898	0.031829	1.72854	1.72854	0.6844	0.914942	-1.09297	0.0759171	0.650721	-1.53676	6.66574	4.99553	0.666164	1
cg25782682	0.761799	1.04731	1.04731	0.0104653	1.63222	1.63222	0.0849904	0.748585	-1.33585	0.0463632	0.706847	-1.41473	6.41359	2.34797	0.325416	1
cg12021430	0.056727	0.586602	-1.70473	0.0756151	1.63093	1.63093	0.394577	1.24069	1.24069	0.234697	0.734859	-1.3608	6.23425	6.0399	0.861179	1
cg17609887	0.419789	0.836619	-1.19529	0.000466508	0.303979	-3.2897	0.255648	0.773516	-1.2928	0.0241845	0.558981	-1.78897	5.55629	4.12123	0.659311	1
cg21509457	0.918853	1.0202	1.0202	0.155015	1.34798	1.34798	0.240302	1.27281	1.27281	0.223528	0.778082	-1.28521	4.85409	2.95963	0.541973	1
cg19961277	0.507683	1.15937	1.15937	0.211691	1.33574	1.33574	0.339316	1.24196	1.24196	0.0382959	0.589656	-1.6959	4.31048	3.30494	0.68153	1
cg00927227	0.110705	1.33831	1.33831	0.0155271	1.64488	1.64488	0.502472	1.12088	1.12088	0.28194	1.20621	1.20621	3.98766	1.7755	0.395777	1
cg11493553	0.260979	0.774442	-1.29125	0.0115515	1.99099	1.99099	0.0926877	1.49691	1.49691	0.0430457	1.6613	1.6613	3.4358	2.58688	0.669261	1
cg13699657	0.887837	0.978695	-1.02177	0.000573034	0.443243	-2.2561	0.275265	1.18911	1.18911	0.301327	0.849235	-1.17753	4.6887	1.72924	0.327832	1
cg08127460	0.46781	1.15006	1.15006	0.0086242	1.93004	1.93004	0.101297	1.40986	1.40986	0.10523	1.40321	1.40321	4.88574	2.69896	0.429658	1
cg09096950	0.0912639	2.14278	2.14278	0.00637422	0.233466	-4.28328	0.00790264	4.03901	4.03901	0.109113	0.488747	-2.04605	7.99954	21.2716	2.36365	1
cg25574849	0.0543927	0.400304	-2.4981	0.00165339	0.151265	-6.61091	0.664921	0.832949	-1.20055	0.00647989	0.226623	-4.41262	6.51613	18.1557	2.47668	1
cg24663984	0.282423	0.87117	-1.14788	0.0106834	0.672842	-1.48623	0.183657	0.84015	-1.19026	0.031403	1.36573	1.36573	4.56965	1.10343	0.214639	1
cg16781287	0.169366	0.423941	-2.35882	0.00234777	0.0830224	-12.0449	0.0496812	0.269156	-3.71532	0.0390361	0.246534	-4.05624	4.53429	24.675	4.83721	1
cg04226001	0.155691	0.549354	-1.82032	0.0935587	0.483224	-2.06943	0.48925	1.31918	1.31918	0.0245737	0.347878	-2.87457	3.63044	8.94104	2.18915	1
cg07212053	0.00407873	0.320893	-3.11631	0.132942	0.619996	-1.61291	0.959743	1.015	1.015	0.248381	1.42734	1.42734	4.77931	6.58172	1.22411	1
cg21180178	0.000177412	0.634449	-1.57617	0.222461	1.09616	1.09616	0.671237	0.96989	-1.03104	0.174017	0.901623	-1.10911	18.7733	1.5246	0.0721878	1
cg08151470	0.634985	0.917673	-1.08971	0.000144645	0.308567	-3.24079	0.161866	0.764648	-1.30779	0.959811	0.990988	-1.00909	10.178	5.20255	0.45436	1
cg13374225	0.705425	1.03126	1.03126	0.0385104	1.21448	1.21448	0.581871	1.04611	1.04611	0.0464025	1.20313	1.20313	5.24641	0.545957	0.0925004	1
cg09852008	0.983423	0.996337	-1.00368	0.0419179	0.660909	-1.51307	0.916451	0.981635	-1.01871	0.800887	1.04565	1.04565	4.6092	2.27769	0.439255	1
cg04038241	0.012176	0.745223	-1.34188	0.0210753	0.770182	-1.29839	0.999532	0.999945	-1.00006	0.803572	1.02373	1.02373	3.72501	0.522668	0.124723	1
cg06758477	0.169674	1.52672	1.52672	0.525227	1.20468	1.20468	0.106262	1.66567	1.66567	0.88036	0.95737	-1.04453	3.63986	4.82312	1.17785	1
cg00993191	0.00610063	1.46353	1.46353	0.031234	0.764206	-1.30855	0.543015	0.936595	-1.0677	0.00896727	0.702156	-1.42418	16.8894	3.02775	0.159351	1
cg26216002	0.000906654	0.495281	-2.01906	0.110832	0.781959	-1.27884	0.000900206	0.494887	-2.02066	0.221563	0.833682	-1.1995	10.2069	3.24012	0.282172	1
cg23582919	0.671504	0.953183	-1.04912	0.00931952	1.4488	1.4488	1.79E-05	2.67842	2.67842	0.10303	0.818347	-1.22198	27.1202	5.42676	0.177867	1
cg05785488	0.265518	0.693495	-1.44197	0.0155683	0.392295	-2.5491	0.743948	1.10892	1.10892	0.00425409	0.299172	-3.34255	6.4217	10.12	1.40081	1
cg02778609	0.12357	3.2221	3.2221	0.368514	1.91152	1.91152	0.252066	2.3147	2.3147	0.047769	0.204396	-4.89246	4.15929	32.4132	6.92708	1
cg04881271	0.421268	1.18814	1.18814	0.0706355	1.52792	1.52792	0.06449	0.646747	-1.5462	0.182996	1.34512	1.34512	4.0761	2.84232	0.619834	1
cg26229593	0.0105909	0.642216	-1.55711	3.30E-06	0.220101	-4.54336	0.0923208	0.774756	-1.29073	0.00474741	0.596561	-1.67628	32.6434	9.81016	0.267134	1
cg08936461	0.0413853	0.610338	-1.63844	8.34E-05	4.41994	4.41994	0.292344	1.25771	1.25771	0.409768	0.837839	-1.19355	13.7164	9.56926	0.620134	1
cg00812303	0.410965	1.31684	1.31684	0.865553	0.946036	-1.05704	0.0476049	2.09943	2.09943	0.430637	1.30127	1.30127	5.99793	10.1805	1.50875	1
cg15800786	0.989795	0.996151	-1.00386	0.0100381	0.375385	-2.66393	0.0396372	0.488029	-2.04906	0.381846	0.763059	-1.31051	4.39874	6.33313	1.27979	1
cg04400047	0.253536	1.80603	1.80603	0.911555	1.05663	1.05663	0.00767507	5.46591	5.46591	0.102332	2.42605	2.42605	3.68476	14.3416	3.45968	1
cg14280409	0.797116	0.967231	-1.03388	0.570197	0.928479	-1.07703	0.883901	0.98128	-1.01908	0.426776	1.11065	1.11065	3.52341	0.933342	0.235464	1
cg24389195	0.929074	0.98278	-1.01752	8.55E-06	0.151201	-6.61373	0.29841	0.810345	-1.23404	0.000287554	0.31516	-3.17299	18.2998	11.0327	0.535899	1
cg18356743	0.00106743	0.342798	-2.91717	0.000200505	0.251098	-3.98251	0.463076	0.847577	-1.17983	0.00100505	0.339266	-2.94754	11.8523	9.20187	0.690117	1
cg12267883	0.000112042	0.0559947	-17.8588	0.0430066	0.372106	-2.6874	?	?	?	0.519831	0.758073	-1.31913	11.4143	21.7208	2.53725	1
cg22117688	0.603727	1.08388	1.08388	0.636212	0.929331	-1.07604	0.161966	1.25822	1.25822	0.108378	0.763829	-1.30919	9.67034	3.62382	0.333098	1
cg05966045	0.807872	0.862049	-1.16003	?	?	?	0.156665	2.51704	2.51704	0.683151	1.28409	1.28409	7.37731	33.7377	5.22648	1
cg08751352	?	?	?	0.41279	0.591415	-1.69086	0.726875	0.802548	-1.24603	0.116932	0.343564	-2.91067	4.39228	24.3303	5.53934	1
cg22781236	0.770071	0.973162	-1.02758	0.261329	0.896968	-1.11487	0.0155995	1.31684	1.31684	0.0374208	1.25129	1.25129	5.65948	0.772305	0.1213	1
cg10698984	0.428683	1.29415	1.29415	0.0135088	2.85956	2.85956	0.51386	0.809952	-1.23464	0.128373	0.585245	-1.70869	7.44024	10.0102	1.00907	1
cg22137300	0.143218	0.606044	-1.65004	0.00792392	0.338247	-2.95642	0.532083	1.2232	1.2232	0.080803	0.539899	-1.8522	5.13325	8.23859	1.42662	1
cg02049829	0.143623	0.763111	-1.31042	5.37E-06	0.169857	-5.8873	0.160944	0.772885	-1.29385	0.00603782	0.539514	-1.85352	23.8676	11.1893	0.416717	1
cg04867075	0.000421099	1.49116	1.49116	0.0022056	1.35902	1.35902	0.861172	1.01259	1.01259	0.800058	0.98202	-1.01831	9.51816	0.770479	0.0719541	1
cg10241097	0.0172065	0.36642	-2.72911	0.0143966	0.352279	-2.83866	0.0160943	0.361068	-2.76956	0.258042	0.664841	-1.50412	5.81168	11.0112	1.68415	1
cg24346637	0.113731	1.21213	1.21213	0.246824	0.873383	-1.14497	0.0806849	0.805281	-1.2418	0.0817517	0.806022	-1.24066	4.42565	0.876009	0.175946	1
cg11065458	0.0929218	0.523165	-1.91144	0.032782	0.416751	-2.39951	0.00996484	0.319639	-3.12853	0.1251	0.558886	-1.78927	3.69903	7.1955	1.7291	1
cg24493115	0.292431	1.12143	1.12143	4.94E-06	0.335174	-2.98352	0.617044	0.948478	-1.05432	0.0115568	0.71795	-1.39286	31.6994	5.52705	0.154985	1
cg15487992	?	?	?	?	?	?	?	?	?	0	1.51902	1.51902	?	2.96463	0	1
cg05219684	0.00512242	0.800492	-1.24923	2.06E-05	0.596111	-1.67754	0.336219	1.06148	1.06148	0.00418128	1.25975	1.25975	19.3756	1.11112	0.0509745	1
cg00715257	0.00501315	0.227257	-4.40031	0.00655157	0.245363	-4.07559	1.74E-05	0.0224427	-44.5578	0.00147313	0.15576	-6.42012	20.6744	46.597	1.75299	1
cg23906760	0.134723	1.19273	1.19273	0.0571284	0.790388	-1.2652	0.435954	0.9168	-1.09075	0.0175483	1.37147	1.37147	4.85242	0.918002	0.168164	1
cg26877198	0.20465	0.88721	-1.12713	0.00154465	0.665528	-1.50257	0.968804	1.0035	1.0035	0.245613	1.1147	1.1147	4.54197	0.575095	0.112549	1
cg26634140	0.0231698	1.36245	1.36245	0.15457	0.840631	-1.18958	0.200008	0.857064	-1.16677	0.13114	1.20406	1.20406	4.4086	0.906322	0.182738	1
cg20242975	0.00841838	0.605186	-1.65238	0.0122697	1.59286	1.59286	0.182572	0.80969	-1.23504	0.343179	0.864383	-1.15689	4.05301	1.42971	0.313558	1
cg18012350	0.0548922	0.88138	-1.13458	0.0010454	0.754736	-1.32497	0.121575	1.10224	1.10224	0.497504	1.04076	1.04076	10.9025	0.580825	0.047355	1
cg25355987	0.0445742	0.843706	-1.18525	0.319213	1.0788	1.0788	0.0395885	1.1917	1.1917	0.260894	0.917225	-1.09025	8.85777	0.761729	0.0764404	1
cg10785927	0.0333874	1.25192	1.25192	0.00189889	0.67187	-1.48838	0.0958858	0.847656	-1.17972	0.463727	1.06972	1.06972	4.75186	0.614686	0.114984	1
cg26925226	0.143711	0.426553	-2.34437	0.00757028	0.155175	-6.44435	0.536637	0.712235	-1.40403	0.0834398	0.35373	-2.82701	4.39839	20.4902	4.14094	1
cg10267614	0.0348822	0.617079	-1.62054	0.923844	1.01895	1.01895	0.31015	1.22899	1.22899	0.798812	0.951089	-1.05143	3.77512	2.30484	0.542697	1
cg10421435	0.00683941	0.361228	-2.76833	0.00487322	0.337956	-2.95897	0.351126	0.756585	-1.32173	0.00114949	0.249343	-4.01053	14.854	19.8768	1.18946	1
cg18188768	0.00560985	0.702546	-1.42339	0.000243196	0.554871	-1.80222	0.00454865	0.692857	-1.4433	0.00432021	0.690474	-1.44828	11.7669	1.75661	0.132698	1
cg24865210	0.0959022	0.434001	-2.30414	0.000767029	0.0977022	-10.2352	0.941093	0.96683	-1.03431	0.00161449	0.127011	-7.87331	8.62871	28.4718	2.93303	1
cg16391973	0.168161	0.496107	-2.01569	0.00210081	0.126839	-7.88403	0.0736193	0.386015	-2.59058	0.00745372	0.1931	-5.17867	6.57202	23.7095	3.20679	1
cg08440934	0.138939	0.575927	-1.73633	0.00222997	0.226798	-4.40921	0.00265382	0.236878	-4.22158	0.00887358	0.31545	-3.17008	6.54124	12.4328	1.68949	1
cg04635999	0.410816	0.594177	-1.683	0.150996	0.38575	-2.59235	0.00257029	0.0752081	-13.2964	0.949939	1.03963	1.03963	4.05855	19.1542	5.39368	1
cg06698293	0.0203856	0.780695	-1.28091	0.160719	0.875726	-1.14191	0.0352824	1.24252	1.24252	0.116684	1.16296	1.16296	3.67426	0.456464	0.110429	1
cg02884181	0.116636	0.327709	-3.05149	0.0104929	0.121521	-8.22906	0.166212	0.380561	-2.6277	0.0663133	0.259818	-3.84886	3.40294	23.0797	6.0287	1
cg07444907	0.025171	1.65025	1.65025	0.00329889	0.470919	-2.12351	0.0270907	0.611243	-1.63601	0.120027	1.37341	1.37341	6.10376	3.42154	0.498278	1
cg01261535	0.000992768	0.316726	-3.1573	0.505006	1.17232	1.17232	0.0723914	1.60193	1.60193	0.0721678	1.60265	1.60265	5.55158	4.8567	0.777628	1
cg02741291	0.0620886	0.685186	-1.45946	0.00861771	0.547221	-1.82742	0.0272899	0.624929	-1.60018	0.0533399	0.673645	-1.48446	6.47018	3.31959	0.456054	1
cg09669411	0.0139459	0.377297	-2.65043	0.309742	0.713642	-1.40126	0.0385335	2.15825	2.15825	0.169868	0.625462	-1.59882	4.559	7.43819	1.45026	1
cg07759258	0.00610476	0.302551	-3.30523	0.157653	0.60372	-1.6564	0.232357	0.658144	-1.51942	0.136024	0.584757	-1.71011	4.03249	7.12489	1.57055	1
cg15877295	0.723723	0.962085	-1.03941	0.422984	0.914726	-1.09322	0.0114252	0.708403	-1.41163	0.0118627	1.40789	1.40789	7.2648	1.36467	0.166974	1
cg03027977	0.0795977	0.711238	-1.406	0.0134322	1.7093	1.7093	0.00683266	1.8471	1.8471	0.00165204	2.20061	2.20061	6.18619	3.00508	0.431798	1
cg00108894	0.0116227	0.488056	-2.04894	0.875286	0.964913	-1.03636	0.331134	1.25612	1.25612	0.0750389	0.637097	-1.56962	5.12939	4.20111	0.728024	1
ch.7.2902493F	0.830455	0.882072	-1.13369	0.380637	0.590809	-1.69259	0.809371	0.868114	-1.15192	0.465581	0.647545	-1.5443	4.9889	27.0587	4.82114	1
cg21895593	0.962635	1.01113	1.01113	0.0119558	0.476533	-2.09849	0.00168671	0.346184	-2.88864	0.370815	0.804768	-1.24259	4.8894	4.32581	0.786429	1
cg06388006	0.139723	0.320343	-3.12165	0.0114274	0.103575	-9.65484	0.942764	0.949865	-1.05278	0.0465276	0.195329	-5.11957	3.7631	30.5825	7.22397	1
cg23973801	0.000478	0.306061	-3.26733	2.85E-05	0.169275	-5.90755	0.000270865	0.275397	-3.63112	0.00057429	0.316284	-3.16172	21.1751	15.6422	0.656631	1
cg17295666	0.430496	0.586885	-1.70391	0.00230981	0.0596289	-16.7704	0.0130158	0.129939	-7.69593	0.0148318	0.137357	-7.28027	6.27819	43.6139	6.17502	1
cg09127015	0.00120625	0.402539	-2.48423	0.00211385	0.436285	-2.29208	0.561833	1.11915	1.11915	0.0156501	0.566267	-1.76595	11.6263	6.7825	0.518557	1
cg17734135	0.0140832	1.62091	1.62091	0.0246536	0.652847	-1.53175	0.00104976	2.16559	2.16559	0.190828	1.24701	1.24701	6.96043	2.79986	0.357559	1
cg07582993	0.0046198	0.196265	-5.09515	0.00114823	0.12684	-7.88393	0.576931	0.783881	-1.2757	0.0837518	0.437421	-2.28613	6.8792	20.3375	2.62789	1
cg02634816	0.588482	0.719856	-1.38917	0.152438	0.397585	-2.51519	0.375501	0.578502	-1.7286	0.759339	1.2031	1.2031	5.2356	30.0258	5.09772	1
cg10717714	0.587672	0.965441	-1.0358	4.34E-05	0.607439	-1.64625	0.00206938	1.32134	1.32134	0.0426732	1.16173	1.16173	27.6657	1.80839	0.0581028	1
cg08854511	9.86E-07	0.0828243	-12.0737	0.0325576	1.62269	1.62269	0.0982575	0.704057	-1.42034	0.999016	0.999761	-1.00024	23.3198	13.8284	0.527103	1
cg07210466	0.00352922	0.609282	-1.64128	0.022908	1.40627	1.40627	0.00545199	1.58079	1.58079	0.974683	1.00398	1.00398	18.4569	4.5867	0.220896	1
cg08510727	0.0388154	0.834593	-1.19819	0.000315816	0.643337	-1.55439	0.416015	0.939103	-1.06485	0.175746	1.11495	1.11495	11.3692	1.02857	0.080417	1
cg09883947	0.90258	1.01976	1.01976	0.0698182	1.38265	1.38265	0.0187433	0.634329	-1.57647	0.0152629	0.621219	-1.60974	9.20026	3.72106	0.359513	1
cg22797653	0.0461255	0.586419	-1.70526	0.811988	0.945866	-1.05723	0.0227921	1.88975	1.88975	0.0997261	0.656153	-1.52403	9.12546	7.88406	0.767967	1
cg00316602	0.226013	0.760117	-1.31559	0.00389115	0.432287	-2.31328	0.0215291	1.81418	1.81418	0.477928	1.16843	1.16843	7.00566	5.16435	0.655261	1
cg19935505	0.158086	1.13541	1.13541	0.696766	1.0335	1.0335	0.414774	1.07267	1.07267	0.240313	1.10899	1.10899	4.91813	0.551571	0.0996894	1
cg18308527	0.00616558	0.224807	-4.44827	0.280328	0.651156	-1.53573	?	?	?	0.181441	0.578945	-1.72728	4.63162	7.72133	1.42893	1
cg12884381	0.569609	0.870997	-1.14811	0.0548708	1.68757	1.68757	0.650071	1.11602	1.11602	0.265113	1.32197	1.32197	5.71322	5.22646	0.813156	1
cg14205131	0.539888	0.940257	-1.06354	0.883979	1.0146	1.0146	0.0453181	1.25599	1.25599	0.0441297	1.25804	1.25804	14.1983	2.21569	0.138715	1
cg21237747	0.077646	1.35587	1.35587	0.00841998	1.68603	1.68603	0.0199385	1.54667	1.54667	0.106181	1.31509	1.31509	6.93483	2.64676	0.339255	1
cg08670517	0.457219	0.900123	-1.11096	0.0355265	0.711665	-1.40516	0.675626	1.06023	1.06023	0.507622	0.91081	-1.09792	6.03656	1.84675	0.271936	1
cg13674249	0.0320294	0.144275	-6.93119	0.00707107	0.0683735	-14.6255	0.00417521	0.0519006	-19.2676	0.0373986	0.155415	-6.43439	4.56808	42.9765	8.36265	1
cg14413721	0.207526	0.765946	-1.30558	0.0554539	1.54575	1.54575	0.275071	0.796269	-1.25586	0.210273	1.30326	1.30326	4.5625	2.90848	0.566644	1
cg14374504	0.20485	0.834904	-1.19774	0.000702159	0.498156	-2.0074	0.00527221	0.608871	-1.64238	0.126927	0.800384	-1.2494	7.69898	2.21825	0.256109	1
cg23993375	0.00238477	0.306226	-3.26557	0.220055	0.697398	-1.4339	0.937978	0.978485	-1.02199	0.742903	1.09636	1.09636	4.92849	6.09733	1.0997	1
cg10009003	0.0449233	0.33279	-3.0049	0.708746	0.835789	-1.19647	0.84239	1.09985	1.09985	0.29525	1.68017	1.68017	3.59809	13.0229	3.21723	1
cg13372231	0.000605873	0.523814	-1.90907	0.00967037	0.669989	-1.49256	5.64E-08	0.102803	-9.72732	3.98E-07	0.170127	-5.87797	129.897	30.7828	0.210648	1
cg15541062	0.0188412	0.480141	-2.08272	0.449232	1.22	1.22	7.04E-07	0.0311708	-32.0813	2.84E-05	0.119853	-8.34353	44.584	46.9549	0.936157	1
cg01369413	0.0311602	0.438545	-2.28027	0.0419062	2.14727	2.14727	1.39E-05	0.0519477	-19.2501	0.000572054	0.175833	-5.68721	23.4268	39.4126	1.49544	1
cg15553770	0.00705692	0.327798	-3.05066	0.555132	0.825984	-1.21068	2.44E-05	0.0678482	-14.7388	0.000776099	0.1961	-5.09943	20.6437	33.5437	1.44435	1
cg24832498	0.00788842	0.236635	-4.22592	0.00105059	0.128727	-7.76835	0.000776252	0.116394	-8.59154	0.00229193	0.164846	-6.06628	12.2694	34.7501	2.51756	1
cg24229750	0.0475836	0.345507	-2.8943	0.029464	0.300406	-3.32883	0.000284276	0.0620039	-16.128	0.00408709	0.164097	-6.09395	9.77097	34.0437	3.09704	1
cg10116178	0.00542417	0.334219	-2.99205	0.000466829	0.192457	-5.19597	6.96E-06	0.0507309	-19.7119	0.000511242	0.196879	-5.07926	26.9329	38.2644	1.26287	1
cg09232851	0.00616557	0.289399	-3.45544	0.00399799	0.261152	-3.82919	2.17E-05	0.0516174	-19.3733	0.00101904	0.184378	-5.42363	19.3563	36.9278	1.69581	1
cg23004038	0.757009	0.938192	-1.06588	0.238034	0.775638	-1.28926	0.000224204	0.283031	-3.53318	2.02E-05	0.169927	-5.88487	14.7422	9.86659	0.594911	1
cg01389283	0.0298435	0.164836	-6.06665	0.40437	1.82536	1.82536	0.00122367	0.0355676	-28.1154	0.0172396	0.129194	-7.74031	5.75001	45.3022	7.00323	1
cg16649375	0.48798	0.697561	-1.43357	0.906252	1.06207	1.06207	0.000728835	0.0723947	-13.8132	0.00574451	0.157141	-6.3637	6.62546	27.4187	3.67856	1
cg07317608	0.0228225	2.10137	2.10137	0.00147324	0.286199	-3.49407	0.0180768	0.457156	-2.18744	0.00535732	0.367959	-2.7177	11.4492	13.4745	1.04613	1
cg01035804	0.356665	0.73604	-1.35862	0.000391756	0.160965	-6.21253	0.906009	0.962535	-1.03892	0.00531987	0.30508	-3.27783	8.1509	13.4908	1.47123	1
cg02376269	0.00125623	0.341658	-2.9269	0.401041	1.2165	1.2165	0.462994	0.843385	-1.1857	0.688756	1.09615	1.09615	7.2706	5.98609	0.731847	1
ch.15.481908R	?	?	?	0.254103	0.475371	-2.10362	0.914182	1.06916	1.06916	0.560437	0.693641	-1.44167	7.18363	38.0957	4.64024	1
cg23701314	0.456294	0.808974	-1.23613	0.00420433	0.342612	-2.91875	0.00421576	2.91722	2.91722	0.966715	0.988409	-1.01173	5.89424	7.2878	1.09905	1
cg01038861	0.184252	0.594244	-1.68281	0.510143	0.78124	-1.28002	0.246015	1.5657	1.5657	0.163426	0.577158	-1.73263	4.68204	10.1257	1.92238	1
cg26161015	0.0733658	1.99484	1.99484	0.0028916	0.242503	-4.12365	0.211029	0.633946	-1.57742	0.344615	1.40031	1.40031	4.40701	8.34975	1.68414	1
cg00021783	0.452661	1.10643	1.10643	0.0799899	0.773528	-1.29278	0.379403	0.887628	-1.1266	0.230571	1.18088	1.18088	3.82729	1.05925	0.24601	1
cg18136423	0.131157	0.419743	-2.38241	0.000205202	0.0363992	-27.4731	0.782279	1.159	1.159	0.260491	1.86848	1.86848	7.25782	32.6108	3.99396	1
cg02366587	0.0216736	0.753997	-1.32627	0.34512	1.10473	1.10473	0.127247	0.844565	-1.18404	0.0132107	1.36976	1.36976	5.40826	0.898708	0.14771	1
cg10444037	0.231868	1.17384	1.17384	0.00104582	0.53787	-1.85918	0.247895	0.856915	-1.16698	0.0668175	1.30039	1.30039	4.82761	1.24932	0.230033	1
cg23323137	0.425932	0.848327	-1.17879	0.000210369	0.285374	-3.50418	0.356456	0.825392	-1.21155	0.116496	0.708163	-1.41211	4.7785	3.098	0.576285	1
cg07900281	0.0633212	0.623904	-1.60281	0.0241191	1.83593	1.83593	0.300828	0.784907	-1.27404	0.0151835	0.509794	-1.96158	4.43863	3.58753	0.718447	1
cg09444439	0.00606546	0.455759	-2.19414	0.529731	0.869712	-1.14981	0.111425	0.683731	-1.46256	0.704609	0.919877	-1.0871	4.03506	3.07263	0.676873	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14282280	UBR2	0.0372414	0.0937246	0.687967	-1.45356	0.2258	1.29448	1.29448	0.664979	0.915384	-1.09244	0.67636	0.918341	-1.08892	0.00841847	0.505176	-1.97951	0.0396912	0.617156	-1.62033	0.0737512	0.667325	-1.49852	0.0531357	1.56185	1.56185	0.285987	0.798635	-1.25214	3.78088	2.46563	0.579672	1
cg21192065	UBR3	0.000369685	0.0527475	0.50902	-1.96456	0.0761373	0.548673	-1.82258	0.0775491	1.81579	1.81579	1.77E-05	0.0318283	-31.4186	0.0848158	0.560821	-1.7831	0.0117691	0.367293	-2.72262	0.00306172	3.822	3.822	?	?	?	0.845566	0.944555	-1.0587	27.0424	30.9944	0.859604	1
cg22122098	UBR3	0.00048484	0.000173707	0.437672	-2.28482	0.000170684	0.436748	-2.28965	0.000106546	0.412054	-2.42687	0.236931	0.851596	-1.17427	0.0155865	0.680804	-1.46885	0.10741	0.796283	-1.25584	0.495022	0.914091	-1.09398	0.186784	1.19892	1.19892	0.0173885	0.686982	-1.45564	14.4131	3.83658	0.236611	1
cg06147087	UBR3	0.00284696	0.361203	0.803137	-1.24512	0.0935635	1.53843	1.53843	0.0638504	1.6267	1.6267	0.127397	1.46966	1.46966	0.000169178	0.224385	-4.45664	0.0164826	0.504409	-1.98252	0.0880276	0.644222	-1.55226	0.224248	1.34742	1.34742	0.122149	0.676166	-1.47893	8.69206	7.51007	0.768013	1
cg05019396	UBR3	0.00646202	0.25575	0.786045	-1.27219	0.0171545	0.554663	-1.8029	0.00947925	0.513241	-1.9484	0.00621093	0.48484	-2.06254	0.193953	0.756634	-1.32164	0.0506885	0.636478	-1.57115	0.0029886	2.28509	2.28509	0.853664	1.03818	1.03818	0.131686	0.718784	-1.39124	6.78169	4.42242	0.579655	1
cg20961425	UBR3	0.00752019	0.373107	0.905432	-1.10445	0.00251324	1.57766	1.57766	0.00055255	1.79061	1.79061	0.604134	0.944756	-1.05847	0.970587	1.00401	1.00401	0.329761	0.896483	-1.11547	0.811077	1.02636	1.02636	0.372936	1.10449	1.10449	0.0315285	1.3152	1.3152	6.46856	1.20937	0.166188	1
cg13328485	UBR3	0.0167186	0.0247874	0.400584	-2.49635	0.503231	0.792492	-1.26184	0.0190188	0.378332	-2.64318	0.612977	0.839774	-1.1908	0.000424647	0.147949	-6.75908	0.201188	0.629942	-1.58745	0.711323	0.880506	-1.13571	0.841059	1.07116	1.07116	0.684573	0.869515	-1.15007	4.99728	9.27597	1.64996	1
cg13375352	UBR3	0.0380854	0.678639	0.908203	-1.10108	0.326557	1.26375	1.26375	0.728637	0.922662	-1.08382	0.0119015	2.06565	2.06565	0.951927	0.986163	-1.01403	0.00680109	0.44466	-2.24891	0.190114	0.725643	-1.37809	0.0803269	0.638692	-1.5657	0.604551	0.886268	-1.12833	3.75005	3.17214	0.751903	1
cg25737397	UBR3	0.0425168	0.611689	0.844095	-1.1847	0.961723	1.01601	1.01601	0.249272	0.671221	-1.48982	0.51366	1.24519	1.24519	0.00165471	0.225242	-4.43966	0.422428	0.762401	-1.31165	0.267788	0.682382	-1.46545	0.0842619	1.88199	1.88199	0.17803	0.622629	-1.60609	3.60095	6.25069	1.54297	1
cg15070710	UBR4	0.000171923	0.000548544	0.29724	-3.36428	0.00337106	0.406052	-2.46274	0.0404917	0.585804	-1.70705	0.976321	1.00673	1.00673	0.00152494	0.356497	-2.80507	0.000222498	0.249245	-4.01212	1.58E-05	0.133261	-7.50406	0.249389	0.761784	-1.31271	0.00019335	0.242147	-4.12972	19.1391	15.4846	0.71916	1
cg21913775	UBR4	0.00135518	0.16529	0.790545	-1.26495	0.000876345	0.45275	-2.20872	0.0432965	0.691327	-1.44649	0.320882	0.849696	-1.17689	0.0149997	0.621964	-1.60781	0.00236553	0.509988	-1.96083	0.000845729	2.21861	2.21861	0.969531	1.00608	1.00608	0.0150439	0.622149	-1.60733	10.7898	4.30978	0.355051	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg09065714	UCN	0.0383005	0.41577
cg21752601	UCN	0.0400572	0.199681
cg17226356	UCN2	0.00507703	0.0606543
cg14699903	UCN2	0.00961937	0.0351106
cg01134643	UCN3	0.000236395	0.00232836
cg20587968	UCN3	0.000295497	0.000802419
cg17836236	UCN3	0.000558102	0.000611132
cg01387797	UCN3	0.00175723	0.00234414
cg27349333	UCN3	0.00259415	0.0135603
cg15671083	UCN3	0.00328253	0.00669793
cg11218842	UCN3	0.0116827	0.0089152
cg17158564	UCN3	0.0150053	0.0210236
cg11024722	UCN3	0.019435	0.0133491
cg26644395	UCN3;UCN3	0.0136958	0.0123205
cg07537370	UCN;UCN	0.035768	0.700799
cg01109023	UCP1	0.00635263	0.012882
cg14078662	UCP1	0.0158518	0.231934
cg22274395	UCP1	0.0378547	0.814744
cg02586551	UCP2	0.00725034	0.129111
cg05205664	UCP2	0.014755	0.274552
cg22166739	UCP2	0.0307056	0.00924351
cg23624401	UCP2	0.0456063	0.472915
cg10859442	UCP3;UCP3	0.0139011	0.0277481
cg19770906	UCP3;UCP3	0.0390451	0.65044
cg05120501	UCRC;UCRC	0.000397388	0.00147115
cg22259932	UCRC;UCRC;ZMAT5;ZMAT5;ZMAT5;ZMAT5	0.00524763	0.632314
cg12352006	UCRC;ZMAT5;UCRC;ZMAT5	0.00032451	0.489495
cg25976340	UEVLD;UEVLD	0.00615415	0.038939
cg15846482	UEVLD;UEVLD	0.00616183	0.000439774
cg26410557	UEVLD;UEVLD	0.0219092	0.59003
cg04432742	UEVLD;UEVLD	0.034419	0.0339193
cg05578937	UEVLD;UEVLD	0.0360905	0.371015
cg24609530	UEVLD;UEVLD	0.0466848	0.236552
cg16673712	UFC1	4.70E-05	0.884439
cg06800565	UFC1	8.49E-05	0.00170755
cg17077042	UFC1	0.00086449	0.000589252
cg22112416	UFC1	0.0422282	0.221534
cg04573771	UFC1	0.0425121	0.0252771
cg08460865	UFC1;UFC1	0.0205087	0.479924
cg00939106	UFC1;UFC1	0.0246373	0.0161087
cg04429703	UFD1L;UFD1L	0.032932	0.574118
cg19244826	UFD1L;UFD1L;CDC45L	0.00128968	0.0124922
cg19468925	UFD1L;UFD1L;CDC45L	0.0179767	0.14382
cg07350703	UFM1	0.00251094	?
cg01561596	UFM1	0.00320054	0.0031886
cg00186034	UFM1	0.0204569	0.945848
cg26110653	UFM1	0.0280753	0.960505
cg04012509	UFM1	0.0479174	0.185627
cg18352063	UFM1;UFM1	0.0096221	0.0757537
cg15575433	UFSP1;ACHE;ACHE	0.0230909	0.0116576
cg18013408	UFSP1;ACHE;ACHE	0.0254271	0.399628
cg14332819	UFSP2;UFSP2	1.53E-06	1.51E-06
cg05331162	UFSP2;UFSP2	0.00103491	0.694641
cg05352767	UFSP2;UFSP2	0.0069062	0.0135884
cg14345069	UFSP2;UFSP2	0.0326868	0.421118
cg02359511	UFSP2;UFSP2	0.0353008	0.0242738
cg01472113	UGCG	0.00320733	0.745259
cg14655843	UGCG	0.00689526	0.777171
cg20109400	UGCG	0.0125192	0.317335
cg14428669	UGCG	0.022966	0.564224
cg09067967	UGDH	0.00118579	0.29655
cg17713309	UGDH	0.00247259	0.299398
cg25227227	UGDH	0.00576278	0.0309137
cg27406727	UGDH	0.0133146	0.00945018
cg19607983	UGDH	0.0166617	0.602226
cg10524888	UGDH	0.0364573	0.520218
cg11873311	UGGT1;UGGT1	0.00152559	0.350367
cg03271533	UGGT1;UGGT1	0.00202221	0.256214
cg08693082	UGGT1;UGGT1	0.0256615	0.039254
cg19963120	UGGT2	0.000400511	0.986789
cg02217586	UGGT2	0.000826761	0.159457
cg18433889	UGGT2	0.00246172	0.387558
cg22620274	UGGT2	0.00274215	0.10505
cg25642880	UGGT2	0.00984881	0.053084
cg13563519	UGGT2	0.0123157	0.330605
cg25153769	UGGT2	0.0191791	0.480452
cg22304068	UGGT2	0.029544	0.0491397
cg24583615	UGGT2;UGGT2	0.00777294	0.491839
cg14150252	UGP2;UGP2	0.00096863	0.00817509
cg12876517	UGP2;UGP2	0.00384185	0.290927
cg25042022	UGP2;UGP2	0.00984556	0.00141419
cg22963296	UGP2;UGP2	0.0109654	0.359441
cg00677236	UGP2;UGP2	0.0119344	0.726383
cg06546722	UGP2;UGP2	0.0253199	0.0744405
cg03956680	UGP2;UGP2	0.0324625	0.799967
cg17360256	UGP2;UGP2	0.032696	0.209349
cg07186094	UGP2;UGP2	0.0332384	?
cg15400200	UGP2;UGP2	0.0452839	0.511093
cg15986429	UGT1A10;DNAJB3;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;DNAJB3;UGT1A9;UGT1A7;UGT1A5	0.0264882	0.847985
cg03607648	UGT1A10;UGT1A1;UGT1A1;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.00748689	0.231002
cg19146119	UGT1A10;UGT1A1;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.0113599	0.402939
cg11811840	UGT1A10;UGT1A1;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.0188945	0.0746638
cg05542967	UGT1A10;UGT1A1;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.0397992	0.868609
cg02490626	UGT1A10;UGT1A6;DNAJB3;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.000118963	0.0579641
cg05609091	UGT1A10;UGT1A6;UGT1A3;UGT1A8;UGT1A4;UGT1A6;UGT1A9;UGT1A7;UGT1A5	3.44E-05	0.0022936
cg23874600	UGT1A10;UGT1A6;UGT1A6;UGT1A9;UGT1A7;UGT1A8	0.00378431	0.0808299
cg00533934	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;DNAJB3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.0175683	0.694242
cg18980210	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;DNAJB3;UGT1A9;UGT1A7;UGT1A5	0.0143623	0.201457
cg07105117	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;DNAJB3;UGT1A9;UGT1A7;UGT1A5;DNAJB3	0.000392423	0.00624614
cg08697797	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A1;UGT1A5	0.00369041	0.585872
cg22145666	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	1.63E-05	1.20E-05
cg23229568	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	5.02E-05	0.343477
cg19156569	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	6.53E-05	0.682072
cg02227331	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.000225403	0.844571
cg06566087	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.00137354	0.0342659
cg26799339	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.0172505	0.00273605

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(105 N)	Fold-Change(1 057 vs. N) vs. N)	p-value(111 N)	Fold-Change(1 117 vs. N) vs. N)	p-value(112 N)	Fold-Change(1 127 vs. N) vs. N)	p-value(121 N)	Fold-Change(1 217 vs. N) vs. N)	p-value(121 N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1247 N)	Fold-Change(1 247 vs. N) vs. N)	p-value(1347 N)	Fold-Change(1 347 vs. N) vs. N)	p-value(1353 N)	Fold-Change(1 353 vs. N) vs. N)	p-value(5377 N)	Fold-Change(5 377 vs. N) vs. N)	p-value(5637 N)	Fold-Change(5 637 vs. N) vs. N)	F(Error)
	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1																								
gi9339841	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0425495	0.106492	0.267096	-3.74397	0.012949	0.0993312	-10.0775	0.127491	0.291028	-3.44609	0.0674381	0.215511	-4.64013	0.0128151	0.0987349	-10.1281		0.100915	0.260378	-3.84057	0.0180335	0.11628	-8.59992	0.0279486	0.142966	-6.99467	0.0540143	0.194347	-5.14544	3.59992	31.984	7.89746	1
gi2572642	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0153357	0.0129287	0.251734	-3.97244	0.132546	0.484044	-2.06593	0.0213435	0.290354	-3.44407	0.888312	1.06483	1.06483	0.00108744	0.115876	-8.6299		0.138358	0.490054	-2.04059	0.924486	0.958504	-1.04329	0.0102704	0.235495	-4.24637	0.167231	0.517788	-1.93129	5.14288	16.2777	2.81341	1
gi04437648	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0411643	0.322776	1.33618	1.33618	0.163376	1.52519	1.52519	0.130307	1.58989	1.58989	0.485015	1.22304	1.22304	0.0278034	0.478138	-2.09145		0.884229	0.959499	-1.04221	0.221197	1.44038	1.44038	0.796879	1.07593	1.07593	0.00612085	0.36235	-2.75976	3.64435	6.64737	1.13353	1
gi09505117	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	1.30E-05	1.26E-05	0.194347	-5.14542	0.0159243	1.69263	1.69263	0.461176	0.874811	-1.1431	0.908471	0.979705	-1.02072	9.01E-06	0.180094	-5.55266		0.318162	1.20195	1.20195	0.00021055	0.31083	3.01883	0.000480122	0.376552	-2.65567	3.93E-05	0.245925	-4.06628	37.9277	19.0922	0.447452	1
gi11272349	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.000385048	0.96373	1.00979	1.00979	0.936158	1.01732	1.01732	0.208426	0.752572	-1.32878	0.000737044	0.333183	-3.00135	0.915753	1.02294	1.02294		0.00560723	0.458628	-2.18042	0.000871145	0.34282	-2.91698	2.72E-05	0.169663	-5.89405	0.00070941	0.330997	-3.02117	15.3606	11.1774	0.646814	1
gi05313279	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.00221477	0.0238749	0.560812	-1.78313	0.006051 24	0.463386	-2.15803	0.000779705	0.336074	-2.97553	0.000349073	0.291279	-3.43313	0.0438015	0.608258	-1.64404		0.0920764	0.671768	-1.48861	0.16005	0.724667	-1.37994	0.071521	0.649361	-1.53998	0.000667689	0.327205	-3.05619	9.35895	6.82281	0.648013	1
gi02234120	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.00247589	0.024418	0.413474	-2.41853	0.00186243	0.233652	-4.27988	0.00491365	0.293092	-3.4119	0.780498	0.912102	-1.09637	0.0144503	0.370594	-2.69837		0.476649	0.787944	-1.26913	0.000163593	0.120342	-8.30962	0.0589914	0.495467	-2.0183	0.00528112	0.297877	-3.35709	0.95783	15.5593	1.52691	1
gi25060243	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0193499	0.0356551	0.276501	-3.61662	0.00770573	0.1653	-6.0496	0.0163618	0.213751	-4.67834	0.227106	0.51341	-1.94776	0.00868866	0.17234	-5.80247		0.216941	0.505088	-1.97985	0.00340355	0.123322	-8.10885	0.243032	0.526087	-1.90083	0.0388849	0.284454	-3.51551	4.75759	20.8277	3.89135	1
gi17266515	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0209866	0.0439482	0.529956	-1.88694	0.00382925	0.343281	-2.91307	0.26973	0.729635	-1.37055	0.435699	0.804039	-1.24372	0.658787	0.885253	-1.12962		0.0390296	0.519345	-1.9255	0.794915	0.931049	-1.07406	0.0435651	0.529166	-1.88977	0.00192593	0.299986	-3.33349	4.62804	5.51341	1.05894	1
gi05141602	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0252826	0.0170735	0.243103	-4.11348	0.217853	0.532137	-1.87858	0.0839851	0.994545	-2.53457	0.802022	0.884973	-1.12998	0.0144793	0.230979	-4.32941		0.0451463	0.326944	-3.05863	0.0435501	0.156787	-6.37806	0.0556277	0.348223	-2.87172	0.0134006	0.22355	-4.47328	4.34022	16.2625	3.33061	1
gi23338993	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0259398	0.944609	0.978823	-1.02163	0.657131	1.15023	1.15023	0.0172398	0.409106	-2.44436	0.00301159	0.28568	-3.50042	0.120858	0.595604	-1.67897		0.630686	0.861497	-1.16077	0.00770345	0.348298	-2.8711	0.927298	1.02851	1.02851	0.0846361	0.55571	-1.7995	4.30155	6.46461	1.33587	1
gi04470972	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.00376046	1.68018	1.68018	0.549816	0.923227	-1.08316	0.141083	0.831392	1.11168	0.0119122	0.934325	0.900026	1.11168	0.933122	0.988093	-1.01114		0.553353	0.923881	-1.08239	3.59E-07	0.262294	2.86294	0.191596	1.20027	1.20027	0.00480743	0.0017	-1.63889	12.7182	3.51173	0.245439	1
gi10432859	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0118011	0.0367375	0.328131	-3.04756	0.720068	1.7797	1.7797	0.478746	0.718422	-1.39194	0.0137862	0.247084	-4.04721	0.0441579	0.170794	-5.85502		0.06730312	0.390008	2.56405	0.0328406	0.152299	-6.56604	0.625382	0.797746	-1.25353	0.00651115	0.193713	-5.16227	5.60379	18.717	2.96894	1
gi05961827	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0310844	0.0208818	1.62716	1.62716	0.005683	1.88748	1.88748	0.0923317	1.38322	1.38322	0.828002	1.03884	1.03884	0.0692061	0.700472	-1.42761		0.173748	1.28843	1.28843	0.0443577	1.50214	1.50214	0.931474	0.985052	-1.01517	0.643698	0.921675	-1.08498	4.07794	1.98049	0.431697	1
gi18526870	AS UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.00108374	0.738451	1.3605	1.3605	0.870124	1.09574	1.09574	-1.0291	0.0822972	0.644473	-2.90299	0.0660252	0.696432	-1.43548	0.0822972	0.644473	-1.5162	0.022152	1.61737	1.61737	0.00128135	0.311146	-3.21393	0.00132253	0.436164	-2.29172	2.20E-05	0.224634	-4.45169	21.68	0.00538051	0.43257	1
gi19975800	AS UGT1A10;UGT1A8;UGT1A6;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.000932742	0.00182006	0.145037	-6.89477	0.000925319	0.4	0.0927832	-10.7778	0.00693277	0.218226	-4.58241	0.0228359	0.305242	-3.27609	0.00117403	0.125597	-7.96197	0.00224254	0.15503	-6.45023	0.000227456	0.0692965	-14.4307	0.00529361	0.201614	-4.95998	0.00044626	0.213645	-4.68067	12.0009	36.0759	2.6721	1
gi26238727	AS UGT1A10;UGT1A8;UGT1A6;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.00379421	0.0229843	0.594058	-1.68351	0.00354229	0.4	0.0923317	-10.6555	0.00826553	0.2444	0.0889865	0.526036	-1.90108	0.00323455	0.459873	-2.17452		0.154107	0.402553	-2.48411	0.00152894	0.143894	-6.94928	0.0615884	0.419364	-2.38408	0.00178932	0.4	0.4	4.2757	0.5	0.765504	1
gi15933914	AS UGT1A10;UGT1A8;UGT1A6;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	0.0246257	0.873286	0.964834	-1.03645	0.22146	0.749566	-1.3341	0.0241611	0.547179	-1.82755	0.274377	0.77484	-1.29059	0.00251146	0.390095	-2.56348		0.292215	0.782616	-1.27777	0.262707	1.29942	1.29942	0.384837	0.818857	-1.22121	0.00605469	0.447505	-2.23461	4.38014	3.49004	0.708256	1
gi14121772	AS UGT1A10;UGT1A8;UGT1A6;UGT1A4;UGT1A3;UGT1A6;UGT1A8;UGT1A7;UGT1	8.37E-05	0.000225361	0.673647	-1.48446	0.806436	0.984317	-1.01593	0.588418	0.1058	1.0358	0.132236	0.900681	-1.11027	0.247932	1.08088	1.08088		0.714941	1.0239	1.0239	0.000599192	0.140678	4.40678	7.68E-06	0.531239	-1.88239	0.00118831	0.736369	-1.35801	23.2164	5.52442	0.0583655	1
gi12385643	GTA7;UGT1A8	0.000147113	0.0758483	0.720002	-1.38888	0.466179	0.884004	-1.13122	0.489504	0.889832	-1.12381	8.88E-06	0.201544	-4.96169	0.493712	0.890868	-1.1225		7.09E-05	0.299785	-3.33573	0.0455535	1.46407	1.46407	0.00135741	0.461473	-2.16697	0.00348809	0.517364	-1.93287	19.9612	8.73907	0.389158	1
gi12043793	UGT1A5;UGT1A6;UGT1A10;UGT1A9;UGT1A3;UGT1A7;UGT1A8;UGT1A6;UGT1A10;UGT1A9;UGT1	0.00230189	0.437072	1.11308	1.11308	0.0191441	0.681741	-1.46683	0.000903124	0.5111558	-1.95634	0.232764	1.18422	1.18422	0.00054452	0.483749	-2.06719		0.152634	1.23	1.23	0.802481	0.966698	-1.03445	0.734384	1.0471	1.0471	0.00495844	0.604871	-1.65324	9.25377	2.67632	0.25708	1
gi15299997	GTA5;UGT1A7;UGT1A8;UGT1A6;UGT1A10;UGT1A9;UGT1	0.00802309	0.251372	1.2492	1.0225502	1.66062	1.66062	0.365106	1.21796	1.21796	1.80427	1.30224	1.30224	0.766567	1.0583	1.10683	1.05683		0.0434249	1.53916	1.53916	0.00303121	0.12615	2.12615	0.0337227	1.58476	1.58476	0.00358343	0.480739	-2.08013	6.3384	3.46066	0.485319	1
gi23550527	GTA7;UGT1A8;UGT1A6;UGT1A10;UGT1A9;UGT1A3;UGT1A5;UGT1A6;UGT1A10;UGT1A9;UGT1	0.00025169	0.575907	1.12835	1.12835	0.6610521	0.636955	-1.56997	4.76E-05	0.194583	-5.1392	0.00225676	0.40121	-2.49246	0.00070752	0.332265	-3.00964		0.00151595	0.376805	-2.6539	0.00819965	0.485418	-2.06008	0.000131173	0.242119	-4.1302	0.000494251	0.311797	-3.20722	17.2582	12.4789	0.642727	1
gi19409140	GTA7;UGT1A8;UGT1A6;UGT1A10;UGT1A9;UGT1A3;UGT1A5;UGT1A6;UGT1A10;UGT1A9;UGT1	0.0172794	0.00444721	0.468901	-2.13265	0.449186	0.85735	-1.16638	0.329489	0.818041	-1.22243	0.0125139	0.537947	-1.85892	0.566586	0.890823	-1.12256		0.769973	1.06026	1.06026	0.00395135	0.461314	-2.16772	0.212287	0.76936	-1.29978	0.00720756	0.500507	-1.99797	4.94244	3.11772	0.560716	1
gi05357229	GTA7;UGT1A8;UGT1A6;UGT1A10;UGT1A9;UGT1A3;UGT1A5;UGT1A6;UGT1A10;UGT1A9;UGT1	0.037594	0.0260958	0.149438	-6.69175	0.00738402	0.8832803	-12.0076	0.0734662	0.237642	-4.208	0.523078	0.627495	-1.59364	0.021653	0.137339	-7.28126		0.0612535	0.219036	-4.56545	0.0336769	0.167599	-5.96662	0.0228534	0.140739	-7.10533	0.0884148	0.258324	-3.87111	3.7679	30.9385	7.29871	1
gi09950076	GTA8	0.00476343	0.934165	0.979267	-1.02117	0.0556643	0.577012	-1.73307	0.879557	0.962277	-1.0392	0.00026682	0.219244	-4.56113	0.52393	1.17796	1.17796		0.0496677	0.566746	-1.76446	0.606711	0.876623	-1.14074	0.639803	0.887342	-1.12696	0.000953565	0.286916	-3.48534	7.44783	7.58565	0.905338	1
gi07512295	GTA8	0.0163768	0.0136771	0.287513	-3.48053	0.0129786	0.283177	-3.52886	0.0382924	0.374599	-2.66952	0.00418894	0.208255	-4.80789	0.286341	0.635817	-1.57278		0.325467	0.660171	-1.51476	0.334053	0.664365	-1.5052	0.148536	0.530583	-1.88472	0.0611833	0.421961	-2.36989	3.81337	10.1027	2.35492	1
gi18331132	GTA8	0.00196904	0.157004	0.505365	-1.97876	0.0109239	0.497497	-2.01009	0.0261268	0.355916	-2.81013	0.00172756	0.00327818	0.012162	82.2206	0.163931	1.53536		0.752512	1.09177	1.09177	0.0146413	0.271103	-3.68861	0.127013	0.625152	-1.59859	0.00631661	0.224887	-4.44668	5.68261	1.94	1.13742	1
gi10596609	GTA8	0.00436105	0.00285178	0.0999998	-10	0.00130264	0.072372	-13.8175	0.00800057	0.148674	-6.72613	0.0203951	0.208587	-4.79417	0.00207714	0.0879657	-11.3681		0.717091	1.22638	1.22638	0.017491	0.197511	-5.06301	0.0400734	0.264352	-3.78284	0.0220671	0.234481	-4.66243	7.65011	38.103	4.4273	1
gi24465197	GTA8;UGT1A8	0.0134867	0.717807	1.10155	1.10155	0.0108558	0.313855	-3.20662	0.010069	0.426237	-2.34611	0.239425	0.723629	-1.38192	0.123468	0.644373	-1.5519		0.67774	0.896078	-1.11597	0.263346	0.736253	-1.35802	0.0340578	0.532241	-1.8782	0.0236353	0.259188	-3.85521	6.80077	0.976622	1
gi15559700	UGT1A10;UGT1A8	0.00977489	0.00077926	0.233913	-4.27509	0.290554	0.730943	-1.3681	0.0958197	0.592916	-1.68658	0.0262329	0.470753	-2.12426	0.0250403	0.52809	-1.89362		0.424372	2.26254	2.26254	0.357968	1.31012	1.31012	0.360761	1.764553	-1.30795	0.00435783	0.136763	-7.36945	9.55378	7.69914	1.14947	1
gi22891099	UGT1A10;UGT1A8	0.04614049	0.0149814	0.120184	-8.32054	0.0215399	0.141498	-7.06725	0.154895	0.34014	-2.93996	0.129468	0.313357	-3.19125	0.00988912	0.0993724	-10.0632		0.170817	0.355908	-2.80971	0.0588194	0.22052	-4.53474	0.126494	0.31007	-3.22508	0.0218747	0.142475	-7.01878	3.49257	27.7558	7.06409	1
gi23270582	UGT1A1	1.68E-05	1.67E-07	0.0384167	-26.0277	7.10E-05	0.154603	-6.46603	0.0015228	0.0152758	-65.4384	1.36192	0.0147755	0.735165	1.36192	0.0147758	0.735165		0.0358767	0.651627	-1.53469	0.0001214798	0.0354643	0.337492	-2.96303	0.0721667	0.667915	-1.49801	9.58E-05	0.247048	-4.04776	369.7719	25.5452	0.570926	1
gi06634441	UGT1A1	0.000317262	7.12E-06	0.0620994	-16.1032	0.0317467	0.494096	-2.0239	0.000845677	0.245299	-4.07665	0.00911	0.395395	-2.52911	0.00371789	0.33369	-2.99679		0.0048854	0.351789	-2.84261	0.0254365	0.475292	-2.10397	0.463858	0.811559	-1.2322	0.00260483	0.310982	-3.21562	16.2	20.1227	1.10413	1
gi12830886	UGT1A1	0.000816387	0.00182552	-17.5548	0.0109717	0.227417	-4.39764	0.00801134	0.0944358	0.135139	-7.40271	0.00055149	0.0094348	-10.5398	0.00055149	0.0094348	-10.5398		0.862895	1.15799	1.07099	0.488103	1.07631	1.07631	0.237641	0.576016	-1.73559	0.00976619	0.233413	-4.28463	5.13548	3.92	1.29057	1
gi02219607	UGT1A2;UGT2A1	0.000602064	0.000181151	0.144816	-6.90533	0.0459009	0.497598	-2.00966	0.0235351	0.438215	-2.28198	0.000779696	0.213363	-4.68685	0.000648267	0.20278	-4.93145		0.179858	0.647593	-1.54418	0.0046776	0.314868	3.14868	0.416831	1.28803	1.28803	0.84883	0.943454	-1.05994	13.5709	19.9981	1.30987	1
gi03180042	UGT1A10;UGT2B10	0.000602277	0.00439546	0.567929	-1.76078	0.00203339	0.523528	-1.91012	0.0069245	0.594727	-1.68144	0.107291	0.769889	-1.29889	0.0873986	0.755228	-1.3241		0.352755	0.867043	-1.15287	0.212943	0.822721	-1.21548	0.432919	1.12643	1.12643	0.00147281	0.505208	-1.97938	6.73649	2.36123	0.311568	1
gi27372994	UGT2B11	0.00234657	9.52E-05	0.171498	-5.83078	0.4256115	0.813485	-1.22928	0.0276076	0.554193	-1.80393	0.0026207	0.267607	-3.73588	0.545704	0.852285	-1.16784		0.242833	1.36358	1.36358	0.00059635	0.266649	-3.75025	0.885961	1.07212	1.07212	0.0561992	0.629076	-1.58963	9.44905	6.9035	0.906309	1
gi21508426	UGT2B11	0.00528141	0.00132218	0.265097	-3.7722	0.098389	0.597398	-1.67393	0.0340534	0.495052	-2.01999	0.00370152	0.327999	-3.04879	0.00456021	0.341746	-2.92615		0.0075233	0.376255	-2.65778	0.00540703	0.353235	-2.83098	0.116906	0.616237	-1.62275	0.00624112	0.363101	-2.75405	7.21675	9.23297	1.13723	1
gi21846159	UGT2B15	0.00281682	0.00034438	0.106981	-9.34623	0.0171683	0.50476	-1.98076	0.00424619	0.393483	-2.17684	0.169754	0.746519	-1.34019	0.0450375	0.633931	-1.4782		0.119417	0.279309	-3.58002	0.0142954	0.243353	-4.10874	0.0109255	0.379557	1.70557	0.176098	0.746099	-1.34009	0.0597353	0.581678	1	
gi22234135	UGT2B15	0.00518544	0.271858	-1.16371	1.16371	0.319671	0.872569	-1.14604	0.617684	0.935472	-1.06898	0.0812407	0.773977	-1.29203	0.00035709	0.467902	2.1372		0.0498816	0.743444	-1.3451	0.00732082	1.58317	1.58317	0.451391	1.10706	1.10706	0.270348	0.858873	2.16432	2.75738	2.01962	0.247365	1
gi04016992	UGT2B15	0.01365532	0.00727477	0.589666	-1.69587	0.0709333	0.715036	-1.36048	0.0101431	0.609704	-1.64014	0.168256	0.799293	-1.25111	0.183719	1.24009	1.24009		0.347464	1.15905	1.15905	0.0902788	1.47493	1.47493	0.598824	0.922195	-1.08437	0.0355533	0.687692	-1.45414	5.34571	1.97016	0.327722	1
gi20840634	UGT2B15;UGT2B17	0.00544383	0.0014588	0.152324	-6.56499	0.2822393	0.587458	-1.7021	0.0249049	0.0120199	0.247126	-4.04652	0.176585	5.622416	-1.81418	0.988773	1.0443	1.0443	1.0063	0.431049	1.43135	1.43135	0.321698	1.57907	1.57907	0.179393	0.460761	-2.12874	3.54361	11.175	2.80318	1
gi00328651	UGT2B28	4.72E-06	9.44E-08	0.119792	-8.3478	0.00490786	0.514124	-1.94506	6.34E-05	0.407888	-2.45165	0.941799	0.991143	-1.00894	0.236577	1.16312	1.16312		0.015894	0.697788	-1.4331	0.337624	1.128	1.128	0.562954	1.07386	1.07386	5.66E-05	0.40201	-2.4875	49.2662	11.5841	0.209008	1
gi03498559	UGT2B4	0.000163857	0.00042452	-2.35945	0.33945	3.88E-05	0.276023	-3.62288	2.55E-05	0.255653	-3.91155	0.602127	0.907802	-1.10169	0.00380797	0.438085	-2.28266		0.0903304	0.737292	1.35632	0.0116896	0.597805	-1.67279	0.385403	0.834282	-1.19863	0.00401244	0.544384	-1.83694	18.1095	5.96928	0.3754	1
gi14688178	UGT2B7	0.00130758	0.00995219	0.409093	-2.44443	0.425224	0.799649	-1.25055	0.0114265	0.419316	-2.38484	0.0195167	0.460673	-2.17074	4.48E-05	0.119856	-8.34332		0.00917913	0.40319	-2.48022	0.489384	1.21266	1.21266	0.639682	0.878569	-1.13821	0.00276581	0.321996	-3.10563	10.9009	13.0157	1.06134	1
gi19884723	UGT3A1	2.67E-08	3.16E-08	0.271797	-3.67921	5.70E-09	0.198149	-5.04671	2.07E-06	0.467448	-2.13928	0.000111883	0.642805	-1.55568	0.441283	0.950187	-1.05242		0.00641057	0.793921	-1.25957	3.05E-08	0.270121	-3.70082	4.87E-06	0.507011	-1.97234	1.75E-08	0.245487	-4.07354	183.576	12.311	0.0596108	1
gi27203837	UGT3A1	0.00017795	0.00038877	0.12747	-7.84629	0.0154345	0.355056	-2.8165	0.0050606	0.488125	-2.04951	0.0023909	0.332909	-3.00382	0.053368	0.901889	-1.10878		0.014522	0.502342	-1.99067	0.124105	0.653368	0.529786	-1.88112	0.00466553	0.420172	-2.37998	18.9616	15.7014	0.794056	1	
gi14549300	UGT3A1	0.00552853	0.00097275	0.0904281	-11.0585	0.110928	0.427237	-2.34062	0.0222688	0.261455	-3.82475	0.260449	0.562843	-1.77669	0.0105939	0.2072	-4.82626		0.0408219	0.314706	-3.17757	0.000625634	0.0761042	-13.1399	0.402482	0.657341	-1.52128	0.0129565	0.220856	-4.52785	7.11624	27.0242	3.3756	1
gi13188868	UGT3A1	0.0258964	0.0184854	0.189875	-5.26397	0.028344	0.19338	-5.17171	0.0242419	0.339388	-2.94607	0.145161	0.411952	2.429276	-2.42398	0.306937	1.80905	1.80905	1.63405	0.517053	1.53812	1.53812	0.0103266	0.159937	-6.25248	0.0148756	0.225648	0.196497	1.86345	0.760597	1.15301	1.15301	4.56307	14.7948	3.05547	1
gi23317501	UGT3A1	0.0161482	0.0283367	3.20209	3.20209	0.0116635	4.12573	4.12573	0.110243	0.457204	-2.18721	0.886645	1.06623	1.06623	0.468526	0.717769	-1.39321		0.18758	0.533697	-1.87372	0.218135	0.558531	-1.79041	0.154269	1.98511	1.98511	0.0764695	0.242557	2.42557	3.82212	12.2373	2.84596	1
gi19698132	UGT3A1	0.0415652	0.991827	1.00374	1.00374	0.937591	1.79119	1.79119	0.524668	0.795574	-1.2649	0.448931	0.75482	-1.32482	0.236662	0.636378	-1.57139		0.118769	0.539438	-1.85378	0.00157273	0.21521	4.21521	0.668882	2.10037	2.10037	0.492356	1.41747	1.41747	0.14313	7.14564	1.87056	1
gi19897071	UGT3A1;UGT3A1	0.0159054	0.0194838	0.96144	8.96144	0.0177524	0.48748	0.48748	0.109565	0.258009	-3.87583	0.898808	0.905925	-1.10384	0.164168	0.315764	-3.16692		0.604694	0.666619	-1.50011	0.107803	0.255958	-3.9069	0.257925	2.50117	2.50117	0.0979942	4.10442	4.10442	3.83149	36.5946	8.48978	1
gi09886557	UGT3A2;UGT3A2	1.04E-05	1.53E-06	0.105233	-9.50273	7.44E-05	0.263858	-3.78992	0.00106087	0.408562	-2.44761	2.10E-06	0.115345	-8.66968	0.00103917	0.550187	-1.81756		0.193604	0.775162	-1.29005	0.0750248	1.44348	1.44348	0.940124	1.01186	1.01186	0.00305873	0.320387	3.14015	2.76998	2.91047	20.126	4.4826	1
gi31541433	UGT3A2;UGT3A2	0.0110575	0.0059303	0.544552	-1.83645	3.88E-05	0.276023	-3.62288	2.55E-05	0.255653	-3.91155	0.602127	0.907802	-1.10169	0.00380797	0.438085	-2.28266		0.0903304	0.737292	1.35632	0.0116896	0.597805	-1.67279	0.385403	0.834282	-1.19863	0.00401244	0.544384	-1.83694	18.1095	5.96928	0.3754	1
gi07084163	UGT3A2;UGT3A2	0.0423542	0.523393	1.23898	1.23898	0.00359991	0.169152	-5.69152	0.594232	0.836808	-1.19502	0.660822	0.863896	-1.15755	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00126498	ULBP1	4.88E-05	0.542004	1.17857	1.17857	8.55E-05	0.152854	-6.5422	0.0001625	0.180323	-5.54559	0.0058441	0.382684	-2.61312	0.0017814	0.3061	-3.2669
cg01763051	ULBP1	6.91E-05	0.00196985	2.07638	2.07638	0.00155421	2.13825	2.13825	6.33E-05	3.42066	3.42066	0.40481	0.867278	-1.15303	0.774372	0.953119	-1.04919
cg25115993	ULBP1	8.91E-05	0.0258362	1.85657	1.85657	0.294468	1.28947	1.28947	0.00195141	2.78485	2.78485	0.0628447	0.61301	-1.63129	0.196342	0.726561	-1.37635
cg14022137	ULBP1	0.000529522	0.00306549	14.817	14.817	0.903114	1.08433	1.08433	0.00152422	20.7867	20.7867	?	?	?	0.647322	1.35831	1.35831
cg01731920	ULBP1	0.000537332	0.73235	1.05915	1.05915	0.957733	0.991167	-1.00891	0.406155	0.867391	-1.15288	0.669887	1.07443	1.07443	0.338279	1.17968	1.17968
cg12936335	ULBP1	0.000572902	0.00080107	3.50595	3.50595	0.995424	0.998579	-1.00142	0.220888	1.37574	1.37574	0.283511	0.758669	-1.3181	0.637699	0.889074	-1.12477
cg08914356	ULBP1	0.000577163	0.327297	1.38092	1.38092	0.0121464	0.368736	-2.71197	0.000574042	0.182449	-5.48099	0.0452048	0.480302	-2.08202	0.42161	0.769497	-1.29955
cg01981252	ULBP1	0.00165551	0.00788032	2.49481	2.49481	0.755132	0.919519	-1.08753	0.0606019	0.567006	-1.76365	0.0029413	0.334443	-2.99005	0.000567159	0.238779	-4.18797
cg04059461	ULBP1	0.00255343	0.519764	0.885666	-1.12909	0.220685	1.27071	1.27071	0.0615792	1.47964	1.47964	0.498798	0.880064	-1.13628	0.366424	0.84143	-1.18845
cg11660826	ULBP1	0.00292178	0.808421	0.916647	-1.09093	0.621071	1.19546	1.19546	0.00334543	4.18137	4.18137	0.516204	0.789902	-1.26598	0.0314632	0.404953	-2.46942
cg22972972	ULBP1	0.0102574	0.586191	0.890858	-1.12251	0.977067	1.00606	1.00606	0.0537064	1.58501	1.58501	0.269706	1.27336	1.27336	0.562558	1.13099	1.13099
cg16635480	ULBP1	0.0149585	0.586996	1.19685	1.19685	0.473064	0.787338	-1.2701	0.0920148	1.83617	1.83617	0.298996	1.42288	1.42288	0.627477	1.17377	1.17377
cg12489846	ULBP1	0.0190892	0.251172	0.455703	-2.19441	0.0386199	0.20799	-4.80792	0.0152097	0.141663	-7.05903	0.023996	0.17118	-5.84181	0.0303729	0.188561	-5.30333
cg13779677	ULBP1	0.0411567	0.509317	0.890548	-1.1229	0.0409973	1.50438	1.50438	0.0297601	1.55725	1.55725	0.933506	0.985654	-1.01455	0.325574	1.19217	1.19217
cg04697775	ULBP1	0.0497814	0.0710651	2.30027	2.30027	0.958078	1.02195	1.02195	0.10151	2.09733	2.09733	0.563977	0.785874	-1.27247	0.39692	1.43098	1.43098
cg13158344	ULBP1;ULBP1	0.000129554	0.525198	1.15916	1.15916	0.273934	1.29843	1.29843	0.85088	1.04412	1.04412	0.79407	0.941757	-1.06185	0.0510217	0.600598	-1.66501
cg24740568	ULBP2	6.77E-05	0.0530223	0.66399	-1.50605	0.431953	1.16111	1.16111	0.208897	1.27981	1.27981	0.000591254	0.372225	-2.68654	0.392148	1.17737	1.17737
cg03985136	ULBP2	0.000374491	0.41379	0.844023	-1.1848	0.000652948	2.88803	2.88803	0.030354	1.67642	1.67642	0.827674	0.956715	-1.04524	0.432285	1.17664	1.17664
cg02095752	ULBP2	0.00169643	0.211508	0.67842	-1.47401	0.749826	1.09889	1.09889	0.183606	1.51565	1.51565	0.0654794	1.83934	1.83934	0.000464396	0.197292	-5.06863
cg12910494	ULBP2	0.00210575	0.000337458	19.1052	19.1052	0.317796	1.63055	1.63055	0.299102	0.600634	-1.66491	0.0010244	11.5661	11.5661	0.00150782	9.85525	9.85525
cg03072286	ULBP2	0.0125258	0.00473357	0.284181	-3.51889	0.256301	1.48784	1.48784	0.11929	0.567307	-1.76271	0.0615265	0.493493	-2.02637	0.0143997	0.363693	-2.74957
cg02398482	ULBP2	0.0125445	0.0501305	0.35701	-2.80105	0.0206253	0.276459	-3.61718	0.00199847	0.133717	-7.47846	0.0338829	0.319096	-3.13385	0.0195687	0.272255	-3.67303
cg18234865	ULBP2	0.0139974	0.00709524	0.242488	-4.12391	0.0128723	0.284251	-3.51802	0.0347238	0.366919	-2.72539	0.0237837	0.333216	-3.00105	0.043825	0.389196	-2.5694
cg03442912	ULBP2	0.0155315	0.816695	0.943795	-1.05955	0.333025	0.779756	-1.28245	0.106793	0.644894	-1.55064	0.0542132	0.580243	-1.72342	0.0924922	0.630484	-1.58608
cg17861551	ULBP2;ULBP2	0.00474481	0.497193	1.06979	1.06979	0.0715575	1.21767	1.21767	0.0013051	1.58116	1.58116	0.173751	0.867931	-1.15216	0.0191099	1.31994	1.31994
cg02247356	ULBP3	0.000828887	0.706187	0.966109	-1.03508	0.00117385	0.648204	-1.54272	0.064952	0.828052	-1.20765	0.839857	0.981748	-1.01859	0.0559838	1.21785	1.21785
cg00432049	ULBP3	0.0034497	0.0810892	0.461342	-2.16759	0.00108848	0.145416	-6.87681	0.103336	0.490344	-2.03938	0.219288	0.596461	-1.67656	0.000624868	0.12192	-8.20207
cg18043157	ULBP3	0.00391549	0.00635492	1.54144	1.54144	0.334216	0.88575	-1.12899	0.0138106	0.690253	-1.44874	0.0176987	1.42106	1.42106	0.00275691	1.65384	1.65384
cg00225132	ULBP3	0.0102998	0.90359	1.03368	1.03368	0.407912	1.26035	1.26035	0.546045	1.18176	1.18176	0.983306	0.994297	-1.00574	0.932526	1.02342	1.02342
cg18071006	ULBP3	0.0119128	0.0792384	0.822432	-1.21591	0.930977	0.991346	-1.00873	0.073747	1.22139	1.22139	0.795044	1.02646	1.02646	0.317156	0.901453	-1.10932
cg01271049	ULBP3	0.0204197	0.864009	1.02593	1.02593	0.0425194	0.70558	-1.41727	0.00427896	0.565198	-1.76929	0.10538	0.767852	-1.30233	0.154707	0.796587	-1.25536
cg19340448	ULBP3	0.0450659	0.231132	0.905285	-1.10462	0.588297	0.957629	-1.04425	0.0309271	1.22229	1.22229	0.140964	1.13365	1.13365	0.117488	1.14418	1.14418
cg27597145	ULK1	0.00224096	0.944869	1.01679	1.01679	0.000600273	3.57584	3.57584	0.0017924	2.91375	2.91375	0.128235	0.673156	-1.48554	0.278301	0.762351	-1.31173
cg18051825	ULK1	0.00294113	0.467006	0.86304	-1.1587	0.168722	1.3389	1.3389	0.0199864	0.57191	-1.74853	0.00300271	0.444933	-2.24753	0.00036592	0.321079	-3.1145
cg14208664	ULK1	0.00328302	0.539147	0.890704	-1.12271	0.408617	1.17039	1.17039	0.718541	0.934845	-1.0697	0.168629	1.31399	1.31399	0.0487266	0.657669	-1.52052
cg02057134	ULK1	0.0113726	0.043504	0.500568	-1.99773	0.759961	0.912698	-1.09565	0.153569	0.634148	-1.57692	0.919423	1.03062	1.03062	0.00217836	0.277546	-3.60301
cg03404362	ULK1	0.0170936	0.538254	1.08325	1.08325	0.209417	1.18503	1.18503	0.0257185	1.40486	1.40486	0.797263	1.03359	1.03359	0.0053562	0.624595	-1.60104
cg02710553	ULK1	0.0224488	0.000708021	0.396705	-2.52077	0.0506573	0.670963	-1.4904	0.134563	0.74894	-1.33522	0.268178	0.813292	-1.22957	0.0474804	0.666145	-1.50117
cg18849213	ULK1	0.0256912	0.0829105	1.8784	1.8784	0.0169827	0.38452	-2.60064	0.434202	0.769521	-1.29951	0.973691	0.989231	-1.01089	0.656425	1.15835	1.15835
cg18081313	ULK1	0.0269286	0.121884	0.495537	-2.01801	0.760826	1.13637	1.13637	0.0770372	0.438998	-2.27791	0.799091	1.11271	1.11271	0.00600376	0.22236	-4.49722
cg23194712	ULK1	0.0337498	0.0046964	2.2129	2.2129	0.0620559	1.5591	1.5591	0.673752	0.914377	-1.09364	0.168491	1.3637	1.3637	0.480521	1.16369	1.16369
cg08413026	ULK1	0.0488904	0.381409	1.76237	1.76237	0.601704	1.39431	1.39431	0.230305	2.21305	2.21305	0.794406	1.17921	1.17921	0.688441	0.77537	-1.28971
cg02546521	ULK1;ULK1	0.00184628	0.0394815	0.738675	-1.35377	0.0170027	1.4479	1.4479	0.831671	1.02744	1.02744	0.000188575	0.448921	-2.22756	0.2035	0.843078	-1.18613
cg20550890	ULK2;ULK2	0.00117178	0.12308	1.17588	1.17588	0.462873	1.07517	1.07517	0.11183	0.845404	-1.18287	0.214387	1.13516	1.13516	0.0341165	0.786776	-1.27101
cg08751997	ULK2;ULK2	0.0045025	0.990092	0.996013	-1.004	0.0199858	0.405203	-2.4679	0.0619926	0.508584	-1.96624	0.00694687	0.325073	-3.07623	0.00169032	0.236104	-4.23543
cg17665699	ULK2;ULK2	0.0141227	0.216692	2.71762	2.71762	0.00259509	24.7725	24.7725	0.0437985	5.94296	5.94296	0.117985	3.68966	3.68966	0.243258	0.390989	-2.55762
cg17447791	ULK2;ULK2	0.0174697	0.381771	0.817681	-1.22297	0.0017417	2.723	2.723	0.00429014	2.3563	2.3563	0.558672	0.875724	-1.14191	0.870327	0.964005	-1.03734
cg04568592	ULK2;ULK2	0.0174979	0.102053	1.22476	1.22476	0.00281801	1.59386	1.59386	0.00512773	1.5203	1.5203	0.00484338	1.52702	1.52702	0.308364	1.12688	1.12688
cg12073167	ULK2;ULK2	0.0301898	0.780635	0.976163	-1.02442	0.301104	1.09701	1.09701	0.550239	1.05362	1.05362	0.110016	0.86025	-1.16245	0.656866	0.9621	-1.03939
cg06135285	ULK2;ULK2	0.0403542	0.0119868	0.361292	-2.76784	0.0345894	0.449181	-2.22627	0.194204	0.640111	-1.56223	0.275949	0.692047	-1.44499	0.00467607	0.294815	-3.39196
cg12324629	ULK2;ULK2	0.0465608	0.370124	1.7947	1.7947	0.00279904	13.702	13.702	0.195865	2.38489	2.38489	0.0137222	6.93341	6.93341	0.699441	0.781519	-1.27956
cg13055199	ULK3	0.0010381	0.00146143	0.374938	-2.6671	0.20845	1.32721	1.32721	0.194264	0.745907	-1.34065	0.0210637	1.80814	1.80814	0.000488157	0.311449	-3.2108
cg21272473	ULK3	0.00428659	0.766156	1.05	1.05	0.427522	0.87589	-1.1417	0.767372	0.952633	-1.04972	0.728077	0.944503	-1.05876	0.942336	0.988236	-1.0119
cg05589743	ULK4	0.000992063	0.819152	0.961945	-1.03956	0.817154	0.961524	-1.04002	0.000138088	0.327498	-3.05345	0.13309	0.759931	-1.31591	0.092412	0.73069	-1.36857
cg03357727	ULK4	0.0011336	0.477999	0.826874	-1.20937	0.0752681	1.6853	1.6853	0.318644	1.31208	1.31208	0.221097	0.712503	-1.4035	0.000370518	0.222783	-4.48867
cg19473056	ULK4	0.00266252	0.777487	1.0443	1.0443	0.460055	0.891295	-1.12196	0.00106762	0.477206	-2.09553	0.384931	1.14602	1.14602	0.113055	0.768073	-1.30196
cg17473727	ULK4	0.00278614	0.00573394	0.41085	-2.43398	0.0138246	0.473645	-2.11129	0.00767662	0.431049	-2.31992	0.961636	1.01188	1.01188	0.563426	0.866347	-1.15427
cg15155559	ULK4	0.00490485	0.0706664	1.33636	1.33636	0.718169	0.949307	-1.0534	0.0052521	0.589555	-1.69619	0.577894	1.08403	1.08403	0.00490235	0.585592	-1.70767
cg17685679	ULK4	0.00827446	0.117846	1.35246	1.35246	0.32579	1.19767	1.19767	0.310923	1.20489	1.20489	0.978374	0.995192	-1.00483	0.260202	1.23219	1.23219
cg22988851	ULK4	0.0109254	0.272882	1.40137	1.40137	0.0148779	2.42487	2.42487	0.452973	0.797656	-1.25367	0.228982	0.688446	-1.45255	0.00332541	0.30666	-3.26094
cg06061536	ULK4	0.0110006	0.0289028	0.341948	-2.92442	0.321743	0.652839	-1.53177	0.00347423	0.191611	-5.21891	0.939502	0.968875	-1.03212	0.00370889	0.195295	-5.12046
cg02909293	ULK4	0.0131774	0.730418	0.964207	-1.03712	0.00466494	0.672708	-1.48653	0.0163511	0.733958	-1.36248	0.799621	1.02717	1.02717	0.21777	1.1464	1.1464
cg12234533	ULK4	0.0142444	0.00574011	0.748057	-1.3368	0.851535	1.01513	1.01513	0.0271657	1.23322	1.23322	0.801299	1.02042	1.02042	0.100109	0.865511	-1.15539
cg21185355	ULK4	0.0187043	0.0177939	0.278249	-3.59391	0.235738	0.57599	-1.73614	0.280972	0.608044	-1.64462	0.0353535	0.336918	-2.96808	0.000619697	0.0964526	-10.3678
cg09809224	ULK4	0.0241248	0.301879	0.709035	-1.41037	0.104208	0.564934	-1.77012	0.732178	0.895443	-1.11677	0.35584	0.736884	-1.35706	0.715428	1.12492	1.12492
cg16872693	ULK4	0.0379919	0.327543	0.805112	-1.24206	0.202731	0.74944	-1.33433	0.0151885	1.89579	1.89579	0.0883109	0.668078	-1.49683	0.017587	0.538159	-1.85819
cg21407311	ULK4	0.0420446	0.0811836	0.745478	-1.34142	0.0647919	0.729711	-1.37041	0.0156715	0.637593	-1.5684	0.130597	0.780328	-1.28151	0.0083502	0.599244	-1.66877
cg02648746	ULK4	0.042639	0.782455	1.09412	1.09412	0.133598	1.69179	1.69179	0.0283387	2.31896	2.31896	0.0748421	1.90554	1.90554	0.00826721	0.333728	-2.99645
cg27605307	UMOD;UMOD	1.00E-05	0.544901	0.914145	-1.09392	6.56E-06	0.230013	-4.34758	0.0128644	1.57225	1.57225	2.13E-05	0.285388	-3.504	8.28E-07	0.145268	-6.88385
cg06294373	UMOD;UMOD	0.000173375	0.00473965	2.29167	2.29167	0.000241608	0.261186	-3.82869	0.00154543	0.365443	-2.7364	0.0182289	1.88439	1.88439	0.00149099	0.363274	-2.75274
cg21996068	UMOD;UMOD	0.000372007	0.190482	1.37567	1.37567	0.000331786	0.263758	-3.79136	0.193759	0.728823	-1.37208	0.0042879	2.40804	2.40804	0.00042486	0.276931	-3.611
cg09792189	UMOD;UMOD	0.00100623	0.445996	1.14509	1.14509	0.346018	1.18442	1.18442	0.150612	0.764381	-1.30825	0.0871344	1.3902	1.3902	0.000162184	0.32539	-3.07323
cg00382053	UMOD;UMOD	0.00119043	0.838932	0.967743	-1.03333	0.806907	0.961315	-1.04024	0.348543	0.855999	-1.16823	0.261039	0.827911	-1.20786	0.760935	0.952025	-1.05039
cg00376654	UMOD;UMOD	0.00156217	0.130802	0.711657	-1.40517	0.000808369	2.86802	2.86802	0.730338	1.0748	1.0748	0.0305453	1.69872	1.69872	0.000718858	0.341918	-2.92468
cg07456201	UMOD;UMOD	0.00294897	0.67532	1.10983	1.10983	0.083811	0.622929	-1.60532	0.441597	0.823568	-1.21423	0.21457	1.38156	1.38156	0.0120338	0.460816	-2.17006
cg03084308	UMOD;UMOD	0.0097297	0.399472	0.844791	-1.18373	0.0163521	1.77525	1.77525	0.0565099	1.52529	1.52529	0.0510211	0.647526	-1.54434	0.744155	0.937971	-1.06613
cg17812431	UMOD;UMOD	0.015458	0.0537742	0.534403	-1.87125	0.0293123	0.479701	-2.08463	0.334482	0.752154	-1.32951	0.0924517	0.588685	-1.6987	0.00139811	0.265934	-3.76033
cg04231019	UMOD;UMOD	0.0311603	0.037447	0.333435	-2.99908	0.233544	0.5666	-1.76491	0.113295	0.456645	-2.18989	0.117159	0.461097	-2.16874	0.00709052	0.205476	-4.86675
cg10851763	UMODL1;UMODL1	0.000529815	0.0945981	0.587081	-1.70334	0.305056	0.735012	-1.36052	0.000189699	0.161387	-6.19627	0.00160757	0.26945	-3.71126	0.0023798	0.292928	-3.41381
cg23782413	UMODL1;UMODL1	0.0103794	0.0819928	0.274979	-3.63664	0.000445021	0.024405	-40.9751	0.00534765	0.0856116	-11.6807	0.30796	2.02787	2.02787	0.540652	0.660367	-1.51431
cg09727148	UMODL1;UMODL1	0.0201294	0.121843	0.558273	-1.79124	0.00300364	0.243073	-4.11399	0.00494998	0.274292	-3.64575	0.74659	1.1193	1.1193	0.028285	0.406523	-2.45989
cg03643948	UMODL1;UMODL1	0.0267031	0.0977997	0.345413	-2.89508	0.707378	1.24694	1.24694	0.556203	0.705858	-1.41672	0.790129	0.855466	-1.16895	0.000539434	0.0428722	-23.3251
cg00969162	UMODL1;UMODL1	0.0377599	0.00379985	0.146747	-6.81447	0.149699	0.468011	-2.1367	0.0721541	0.37285	-2.68204	0.892066	1.06901	1.06901	0.0704592	0.370143	-2.70166
cg11506205	UMODL1;UMODL1;C21orf128	0.000191635	0.000165751	0.191521	-5.22136	4.83E-05	0.139603	-7.16318	0.0499085	0.562176	-1.7788	0.911151	1.02917	1.02917	6.99E-05	0.154123	-6.48831
cg24372256	UMODL1;UMODL1;C21orf128	0.00379757	0.146944	1.39472	1.39472	0.0225925	1.79248	1.79248	0.296265	0.793364	-1.26046	0.102141	0.682248	-1.46574	0.000933573	0.347901	-2.87438
cg03240473	UMODL1;UMODL1;C21orf128	0.00467303	0.804004	0.949424	-1.05327	0.171236	0.737813	-1.35536	0.000277371	0.288836	-3.46217	0.142468	0.719593	-1.38967	0.001717	0.392971	-2.54471
cg09849774	UMODL1;UMODL1;C21orf128	0.00726036	0.655483	0.87611	-1.14141	0.294956	1.377	1.377	0.85491	0.947515	-1.05539	0.386352	0.769859	-1.29894	0.0144191	0.41141	-2.43067
cg25191241	UMPS	0.00163875	0.0570473	0.671258	-1.48974	0.0178379	0.586772	-1.70424	0.585927	1.1072	1.1072	0.465837	0.87163	-1.14728	0.0419137	0.647886	-1.54348
cg03407622	UMPS	0.00164424	0.886621	0.975841	-1.02476	0.00202109	0.474037	-2.10954	0.166667	0.77665	-1.28758	0.210158	0.79742	-1.25404	5.19E-05	0.273221	-3.66004
cg15050328	UMPS	0.0030253	0.479154	0.850536	-1.17573	0.00055879	0.299855	-3.33494	0.000294075	0.26519	-3.77088	0.214591	1.34178	1.34178	0.694636	1.09284	1.09284
cg00821764	UMPS	0.0220157	0.137573	0.830069	-1.20472	0.0639702	0.78468	-1.2744	0.0186403	1.39397	1.39397	0.0136602	1.42653	1.42653	0.212394	1.16529	1.16529
cg13144004	UMPS	0.0420988	0.100669	1.3921	1.3921	0.027958	1.61246	1.61246	0.405908	0.855187	-1.16933	0.446351	1.1535	1.1535	0.47471	0.874813	-1.1431
cg08415378	UMPS;UMPS	0.0406695	0.746811	0.962436	-1.03903	0.0258095	0.731358	-1.36732	0.0153406	1.42153	1.42153	0.474529	1.08976	1.08976	0.769648	1.03532	1.03532
cg19144019	UNC119;UNC119	0.00139396	0.0883518	0.616418	-1.62228	0.00740237	2.42986	2.42986	0.781505	0.930955	-1.07417	0.294903	0.756146	-1.3225	0.00501575	0.384702	-2.59941
cg12118708	UNC119;UNC119	0.0115279	0.0197688	0.268086	-3.73015	0.241174	0.563356	-1.77508	0.0263417	0.291714	-3.42802	0.0741788	0.394321	-2.53601	0.000411938	0.0726108	-13.7721
cg23688420	UNC119;UNC119	0.0159469	0.00381364	0.431806	-2.31585	0.0322852	0.582958	-1.71539	0.517136	1.15185	1.15185	0.0352803	0.589934	-1.6951	0.0585789	0.631325	-1.58397
cg05562851	UNC119B	0.000871194	0.026064	1.94405	1.94405	0.00140574	3.20348	3.20348	0.00401773	2.64585	2.64585	0.0118111	2.2066	2.2066	0.918262	1.02618	1.02618
cg16445317	UNC119B	0.00184752	0.695829	0.906501	-1.10314	0.0367783	0.545486	-1.83323	0.0170755	0.483633	-2.06769	0.352971	1.26971	1.26971	0.0175878	0.485908	-2.058
cg24318537	UNC119B	0.00310127	0.399573	0.842614	-1.18678	0.000839445	0.368759	-2.7118	0.95106	1.01226	1.01226	0.0528204	1.54816	1.54816	0.648104	0.912791	-1.09554
cg18724891	UNC119B	0.00417063	0.417068	1.23322	1.23322	0.000178754	4.9744	4.9744	0.292347	1.31803	1.31803	0.0019144	3.03667	3.03667	0.275953	1.3317	1.3317
cg13711314	UNC119B	0.00720438	0.0630389	0.595818	-1.67836	0.345625	1.27192	1.27192	0.192217	0.710478	-1.4075	0.984312	1.00488	1.00488	0.000994619	0.297892	-3.35693
cg06302566	UNC119B	0.0255394	0.0996335	0.530856	-1.88375	0.268029	1.49908	1.49908	0.0430938	2.26298	2.26298	0.883888	1.05262	1.05262	0.00949773	0.315679	-3.16777
cg14380013	UNC119B	0.0270375	0.945775	0.979733	-1.02069	0.815549	0.932075	-1.07287	0.00469578	0.322672	-3.09913	0.00978989	0.374127	-2.67289	0.0520047	0.514036	-1.94539
cg15310278	UNC119B	0.0400294	0.151245	1.10935	1.10935	0.500034	1.04728	1.04728	?	?	?	0.742897	0.978033	-1.02246	0.00720609	1.26369	1.26369
cg02690797	UNC13A	1.80E-08	3.72E-09	0.113744	-8.79165	0.000174052	0.589998	-1.69492	1.37E-06	0.359978	-2.77794	0.00737648	1.33097	1.33097	5.78E-07	0.319017	-3.13463
cg21222178	UNC13A	6.41E-06	0.0570491	0.718439	-1.39191	2.94E-05	0.284336	-3.51697	0.000499644	0.433329	-2.30771	0.144396	0.786004	-1.27226	1.64E-07	0.0826708	-12.0962
cg00878605	UNC13A	1.23E-05	0.138659	1.26144	1.26144	0.769708	0.95813	-1.0437	0.205915	1.21459	1.21459	9.77E-05	2.74237	2.74237	0.129956	1.26912	1.26912
cg07066898	UNC13A	2.60E-05	0.405257	1.18963	1.18963	0.66368	0.914644	-1.09332	0.149694	1.37022	1.37022	1.56E-06	11.8412	11.8412	0.973399	1.00682	1.00682
cg13978566	UNC13A	0.000202773	0.000107583	7.27983	7.27983	0.207796	1.47119	1.47119	0.0269143	0.466849	-2.14202	0.0424474	1.97236	1.97236	0.00467179	0.335128	-2.98393
cg11321181	UNC13A	0.000584722	0.0108194	0.542971	-1.84172	0.105943	1.40062	1.40062	0.267468	1.24658	1.24658	0.68104	0.924173	-1.08205	0.016912	0.573549	-1.74353
cg27058832	UNC13A	0.00129785	0.0913484	0.657332	-1.5213	0.492276	0.854381	-1.17044	0.273814	0.773393	-1.293	0.0042953	0.422422	-2.3673	0.857854	1.04129	1.04129
cg03531543	UNC13A	0.002517	0.664283	0.92488	-1.08122	0.133013	1.33623	1.33623	0.758335	0.946307	-1.05674	0.75633	0.945857	-1.05724	3.40E-05	0.237933	-4.20286
cg19027852	UNC13A	0.00333769	0.249928	2.27793	2.27793	0.134264	0.33099	-3.02124	0.181562	0.378687	-2.6407	0.000976496	28.7415	28.7415	0.87674	1.11213	1.11213
cg22989649	UNC13A	0.00822384	0.713582	0.937843	-1.06628	0.0140462	1.69527	1.69527	0.00472596	1.92192	1.92192	0.0143994	1.69057	1.69057	0.358429	0.848414	-1.17867
cg10249507	UNC13A	0.00935442	0.614128	0.911119	-1.09755	0.311348	1.21139	1.21139	0.177045	0.768971	-1.30044	0.287242	1.22423	1.22423	0.597981	0.907169	-1.10233
cg17952467	UNC13A	0.0103833	0.0131929	1.40351	1.40351	0.742212	1.03709	1.03709	0.478736	1.08269	1.08269	0.0073207	1.46444	1.46444	0.0112195	1.41982	1.41982
cg24917673	UNC13A	0.0106885	0.82596	0.956525	-1.04545	0.567886	0.890011	-1.12358	0.155148	1.35942	1.35942	0.176547	0.748283	-1.33639	0.000259868	0.297429	-3.36215
cg19044419	UNC13A	0.0115948	0.0151669	0.61754	-1.61933	0.257545	0.826204	-1.21035	0.140421	0.773947	-1.29208	0.404222	0.871181	-1.14787	0.965353	0.993006	-1.00704
cg14038115	UNC13A	0.0128603	0.990162	1.00233	1.00233	0.000800232	0.384189	-2.60289	0.0522575	0.658874	-1.51774	0.433102	0.859692	-1.16321	0.629699	0.912273	-1.09616
cg16049699	UNC13A	0.0136214	0.0491248	0.219777	-4.55006	0.00659491	0.0925924	-10.8	0.0483461	0.218312	-4.58061	0.164828	0.368023	-2.71722	0.0128582	0.124447	-8.03552
cg05667138	UNC13A	0.0155354	0.657778	1.1055	1.1055	0.00752823	0.461314	-2.16772	0.0212535	0.536378	-1.86436	0.303007	1.27127	1.27127	0.0486631	0.602546	-1.65962
cg00647022	UNC13A	0.0159488	0.0162673	0.15459	-6.46873	0.00737979	0.111524	-8.96668	0.0226708	0.176669	-5.66031	0.116353	0.338183	-2.95698	0.0158205	0.152855	-6.54213
cg07718631	UNC13A	0.0226713	0.064515	1.47021	1.47021	0.0392058	0.642214	-1.55711	0.00780398	1.88482	1.88482	0.618913	1.09753	1.09753	0.242895	1.25458	1.25458
cg14063331	UNC13A	0.0235968	0.0350548	2.44456	2.44456	0.717172	1.14158	1.14158	0.979105	1.00958	1.00958	0.0462727	2.29574	2.29574	0.935011	1.03013	1.03013
cg04986579	UNC13A	0.0310826	0.906845	0.980024	-1.02038	0.000770764	2.40524	2.40524	0.714356	0.938602	-1.06541	0.826895	1.03847	1.03847	0.373506	0.854305	-1.17054
cg06303772	UNC13A	0.0394518	0.511543	1.57188	1.57188	0.18529	0.385109	-2.59666	0.295127	0.478289	-2.09079	0.100787	3.39045	3.39045	0.241733	0.435016	-2.29877
cg04685865	UNC13A	0.0492544	0.0799965	0.3702	-2.70124	0.0359584	0.287039	-3.48385	0.77012	0.860798	-1.16171	0.158313	0.462315	-2.16303	0.0104695	0.192365	-5.19845
cg02096633	UNC13B	0.000288815	0.0428566	1.11582	1.11582	0.719696	1.01709	1.01709	0.00112347	1.25295	1.25295	0.199293	0.938222	-1.06585	0.000149776	0.73624	-1.35825
cg14638176	UNC13B	0.0406554	0.0350118	0.281493	-3.55249	0.00678541	0.163579	-6.11326	0.0465572	0.308435	-3.24218	0.91507	0.946438	-1.05659	0.0213879	0.240062	-4.16559
cg21226534	UNC13B;UNC13B	0.0153779	0.0949206	3.1593	3.1593	0.398139	1.71992	1.71992	0.67519	1.30234	1.30234	0.768563	0.831138	-1.20317	0.000520958	0.0336608	-29.7082
cg22825220	UNC13C	0.00114954	6.17E-05	0.185084	-5.40296	0.0323971	0.564485	-1.77153	0.080025	0.641838	-1.55802	0.0012122	0.339068	-2.94926	0.208297	0.73871	-1.35371
cg00517270	UNC13C	0.0391626	0.138204	0.60565	-1.65112	0.19236	1.54263	1.54263	0.155487	1.61201	1.61201	0.240934	0.679998	-1.47059	0.144297	0.610971	-1.63674
cg09177080	UNC13D	0.00246788	0.00102122	0.17919	-5.58066	0.00163602	0.203402	-4.91637	0.00508788	0.270563	-3.696	0.205636	0.624129	-1.60223	0.000777205	0.166083	-6.0211
cg19142133	UNC13D	0.0148216	0.453058	0.88385	-1.13141	0.0239179	1.54537	1.54537	0.00264398	0.510707	-1.95807	0.122603	0.763198	-1.31028	0.511631	0.898057	-1.11352
cg04304639	UNC13D	0.0272344	0.664701	0.915521	-1.09227	0.726566	0.931409	-1.07364	0.00386846	0.454939	-2.1981	0.968193	0.991962	-1.0081	0.0486731	0.633978	-1.57734
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00126498	4.79E-05	0.130347	-7.67185	7.37E-06	0.0721318	-13.8635	0.000296249	0.208399	-4.7985	0.00117474	0.281558	-3.55166	26.7998	30.0717	0.997411	1
cg01763051	0.703095	1.06606	1.06606	0.0677095	0.710419	-1.40762	6.15E-06	5.42072	5.42072	0.000392309	2.56951	2.56951	24.4327	10.7994	0.392896	1
cg25115993	0.301195	0.778439	-1.28462	0.031361	1.80472	1.80472	2.33E-06	14.7344	14.7344	0.000491394	3.58374	3.58374	22.8337	19.7702	0.769631	1
cg14022137	0.386631	1.80405	1.80405	0.087909	3.49808	3.49808	2.84E-05	237.849	237.849	0.000827785	28.4305	28.4305	14.407	89.6547	6.22298	1
cg01731920	0.0490536	1.45666	1.45666	0.22246	1.23941	1.23941	4.59E-06	5.81728	5.81728	0.169711	1.27744	1.27744	14.0076	6.21722	0.39453	1
cg12936335	0.81594	1.0595	1.0595	0.000622935	3.68648	3.68648	5.41E-05	6.45804	6.45804	0.00210087	2.92232	2.92232	13.76	13.3896	0.864962	1
cg08914356	0.704616	0.885538	-1.12926	2.39E-05	0.0679083	-14.7257	0.00135155	0.226369	-4.41757	0.0609477	0.509613	-1.96227	13.7316	22.1541	1.4341	1
cg01981252	0.00506018	0.37008	-2.70212	0.00192342	0.308009	-3.24666	0.351383	0.773199	-1.29333	0.566269	0.855996	-1.16823	10.1856	11.6029	1.01258	1
cg04059461	0.344406	1.19867	1.19867	0.759831	0.944544	-1.05871	3.29E-05	4.48242	4.48242	0.823238	1.04251	1.04251	8.97598	4.92176	0.487401	1
cg11660826	0.96783	1.01455	1.01455	0.00382818	0.247375	-4.04244	0.000631563	6.56547	6.56547	0.588711	1.21603	1.21603	8.62551	17.5364	1.80719	1
cg22972972	0.426236	1.18628	1.18628	0.183191	0.743092	-1.34573	0.00018709	3.76462	3.76462	0.963669	0.990469	-1.00962	5.86272	4.10466	0.622336	1
cg16635480	0.686355	0.875462	-1.14225	0.250506	0.67475	-1.48203	0.000317227	6.75867	6.75867	0.12221	1.73119	1.73119	5.18545	8.81578	1.5112	1
cg12489846	0.39847	0.567408	-1.7624	0.00373002	0.0767265	-13.0333	0.00627055	0.0968633	-10.3238	0.0311802	0.190595	-5.24673	4.77949	32.5266	6.0493	1
cg13779677	0.0466829	1.48351	1.48351	0.0535908	1.46166	1.46166	0.00407161	1.94975	1.94975	0.494513	1.12764	1.12764	3.64459	1.73085	0.422141	1
cg04697775	0.551236	0.77953	-1.28282	0.352693	0.673628	-1.4845	0.00936588	3.90097	3.90097	0.0119697	3.65192	3.65192	3.39378	9.17317	2.40261	1
cg13158344	0.147984	0.700457	-1.42764	0.0960793	0.657552	-1.52079	1.52E-06	16.2976	16.2976	0.20835	1.35563	1.35563	20.6557	17.2147	0.74081	1
cg24740568	0.194546	1.29122	1.29122	0.00038689	0.348426	-2.87005	3.72E-06	7.49593	7.49593	0.806309	0.955278	-1.04682	24.5678	13.4971	0.488341	1
cg03985136	0.623311	1.1057	1.1057	0.260243	0.787925	-1.26916	9.59E-06	6.92632	6.92632	0.00739741	2.01459	2.01459	15.4786	10.0995	0.579983	1
cg02095752	0.000194649	0.157588	-6.34565	0.170994	1.53677	1.53677	0.651891	0.874709	-1.14324	0.607358	1.16507	1.16507	10.1139	13.9175	1.22318	1
cg12910494	0.00412753	6.69249	6.69249	0.814791	0.895321	-1.11692	0.974009	0.98477	-1.01547	0.799114	1.12769	1.12769	11.3079	38.9076	2.67613	1
cg03072286	0.0284485	0.420158	-2.38006	0.347133	1.3835	1.3835	0.0347373	2.28268	2.28268	0.227323	0.653779	-1.52957	5.49635	9.78785	1.58292	1
cg02398482	0.0116062	0.233373	-4.28499	0.0403255	0.335435	-2.9812	0.00590659	0.189966	-5.26409	0.0470791	0.350647	-2.85187	5.49368	18.5044	2.99405	1
cg18234865	0.231884	0.60008	-1.66644	0.00124318	0.146356	-6.83264	0.049184	0.400719	-2.49552	0.0951259	0.473825	-2.11048	5.30021	13.9254	2.33541	1
cg03442912	0.000357244	0.239946	-4.1676	0.813194	1.06075	1.06075	0.670473	0.898857	-1.11252	0.273366	1.32842	1.32842	5.12129	5.03418	0.87377	1
cg17861551	0.254295	1.12356	1.12356	0.00160389	0.642143	-1.55729	0.778269	1.02801	1.02801	0.503942	1.06863	1.06863	7.45672	1.13128	0.134856	1
cg02247356	0.766838	1.02744	1.02744	3.54E-05	0.483416	-2.06861	0.0729009	1.19977	1.19977	0.476103	1.06819	1.06819	12.4075	1.62872	0.116683	1
cg00432049	0.0983743	0.484289	-2.06488	0.00676303	0.245556	-4.07239	0.033533	2.70025	2.70025	0.191934	0.575492	-1.73764	8.20928	20.8027	2.25249	1
cg18043157	0.0727769	1.27612	1.27612	0.435989	0.90773	-1.10165	0.0051872	1.56743	1.56743	0.615025	0.940099	-1.06372	7.90316	1.85731	0.208896	1
cg00225132	0.563881	0.852589	-1.1729	0.000227043	0.187257	-5.34025	0.0221675	0.472534	-2.11625	0.408583	1.25991	1.25991	5.85498	6.92874	1.0519	1
cg18071006	0.00931944	1.39224	1.39224	0.000777707	1.6655	1.6655	0.925996	0.990722	-1.00936	0.959737	1.00508	1.00508	5.5867	0.890639	0.141708	1
cg01271049	0.0824635	0.750366	-1.33268	0.0121145	1.59515	1.59515	0.845929	0.971371	-1.02947	0.804257	1.03777	1.03777	4.67145	1.64932	0.313835	1
cg19340448	0.19923	0.898117	-1.11344	0.0257133	0.81069	-1.23352	0.075477	0.854906	-1.16972	0.513832	1.05385	1.05385	3.52359	0.350219	0.0883489	1
cg27597145	0.0562494	0.594299	-1.68266	0.0301594	0.541367	-1.84718	0.593499	1.13847	1.13847	0.0206821	0.511386	-1.95547	9.32679	8.55806	0.815625	1
cg18051825	0.0023745	0.430298	-2.32397	0.150827	0.736087	-1.35854	0.288004	1.24549	1.24549	0.149015	0.734939	-1.36066	8.60863	5.39973	0.557552	1
cg14208664	6.19E-05	0.252894	-3.95422	0.359152	1.19186	1.19186	0.892934	0.975243	-1.02539	0.0559188	0.66822	-1.49651	8.3316	4.57276	0.487863	1
cg02057134	0.0191511	0.429547	-2.32804	0.000869363	0.225534	-4.43391	0.287415	0.719456	-1.38994	0.164527	0.642704	-1.55593	5.67124	7.98124	1.25095	1
cg03404362	0.932646	1.01091	1.01091	0.0169252	0.688097	-1.45328	0.020916	0.700042	-1.42849	0.841957	0.974708	-1.02595	4.96037	1.29362	0.231814	1
cg02710553	0.901895	1.02234	1.02234	0.0542071	0.676038	-1.47921	0.890932	0.975715	-1.02489	0.0592916	0.68282	-1.46451	4.52246	2.29976	0.452018	1
cg18849213	0.105294	0.559312	-1.78791	0.107367	1.78068	1.78068	0.0534933	2.05454	2.05454	0.0144571	0.371761	-2.6899	4.31604	7.36853	1.51755	1
cg18081313	0.33339	0.658497	-1.51861	0.0016609	0.151961	-6.58064	0.346635	0.666436	-1.50052	0.151159	0.52513	-1.90429	4.2456	11.7897	2.46836	1
cg23194712	0.0607751	0.63964	-1.56338	0.130071	1.41293	1.41293	0.919408	0.978833	-1.02162	0.031487	1.70448	1.70448	3.91826	2.77312	0.629105	1
cg08413026	0.179783	2.45778	2.45778	0.00149984	0.0556698	-17.9631	0.700035	0.783209	-1.2768	0.785118	0.841552	-1.18828	3.41712	21.5615	5.60876	1
cg02546521	0.0115911	0.669397	-1.49388	0.0182424	1.43969	1.43969	0.233223	1.17229	1.17229	0.321204	1.13921	1.13921	9.86881	2.52786	0.227686	1
cg20550890	0.364347	0.91356	-1.09462	0.033185	1.27314	1.27314	0.000617792	1.6672	1.6672	0.000248358	0.556219	-1.79785	11.2479	1.67569	0.132425	1
cg08751997	0.010898	0.357611	-2.79633	0.0989577	1.78962	1.78962	0.0441761	2.10399	2.10399	0.0400768	0.466125	-2.14535	7.57644	12.421	1.45726	1
cg17665699	0.349146	2.09859	2.09859	0.00173842	31.0175	31.0175	0.766142	0.795013	-1.25784	0.100725	3.98549	3.98549	5.2847	49.5075	8.32718	1
cg17447791	0.465142	1.18152	1.18152	0.208572	0.742698	-1.34644	0.819239	0.949935	-1.0527	0.14619	1.4191	1.4191	4.92433	3.92677	0.708819	1
cg04568592	0.245977	1.14737	1.14737	0.257396	1.14329	1.14329	0.140371	1.19687	1.19687	0.0178992	1.38545	1.38545	4.92167	1.00056	0.180708	1
cg12073167	0.00766864	1.34465	1.34465	0.00363138	1.40507	1.40507	0.701681	0.967287	-1.03382	0.489359	0.941116	-1.06257	4.07769	0.482275	0.10513	1
cg06135285	0.110676	0.568611	-1.75867	0.788575	1.09122	1.09122	0.494187	1.25295	1.25295	0.158444	0.612823	-1.63179	3.67119	6.13398	1.48519	1
cg12324629	0.425469	1.67724	1.67724	0.0929983	3.23599	3.23599	0.930652	0.946193	-1.05687	0.0949301	3.2095	3.2095	3.4807	22.259	5.68442	1
cg13055199	0.0233426	0.560744	-1.78335	0.000459614	0.308113	-3.24556	0.44623	1.18027	1.18027	0.106141	0.68612	-1.45747	11.6424	8.40243	0.641522	1
cg21272473	6.51E-05	3.31885	3.31885	0.0413468	1.46949	1.46949	0.9476	1.01081	1.01081	0.278102	0.831527	-1.20261	7.6901	3.25901	0.376705	1
cg05589743	0.260185	0.819573	-1.22015	0.192878	1.26297	1.26297	0.0177307	0.613526	-1.62992	7.50E-05	0.295905	-3.37947	11.7931	5.36077	0.404059	1
cg03357727	0.120505	1.5586	1.5586	0.000399675	0.226616	-4.41274	0.110649	1.58106	1.58106	0.00346165	0.35136	-2.84608	11.3546	12.4887	0.977671	1
cg19473056	0.79124	1.04142	1.04142	0.000199929	2.59958	2.59958	0.676229	1.06637	1.06637	0.516135	0.904177	-1.10598	8.86591	3.28697	0.329549	1
cg17473727	0.00062969	0.275091	-3.63516	0.00775835	0.431793	-2.31592	0.000579283	0.27052	-3.69658	0.30357	0.76972	-1.29917	8.7478	8.35829	0.849309	1
cg15155559	0.176673	1.22894	1.22894	0.00247055	1.82966	1.82966	0.0995371	1.2958	1.2958	0.193585	1.2183	1.2183	7.38174	2.40881	0.290062	1
cg17685679	0.158572	0.764956	-1.30726	0.000297545	0.351051	-2.84859	0.0638054	1.44835	1.44835	0.766023	1.05449	1.05449	6.27709	3.14223	0.444967	1
cg22988851	0.538729	1.20208	1.20208	0.182651	1.51923	1.51923	0.407753	1.28455	1.28455	0.00645997	0.350923	-2.84963	5.7451	7.95647	1.23104	1
cg06061536	0.0110269	0.264949	-3.77431	0.00740422	0.237588	-4.20896	0.607582	0.805921	-1.24082	0.0169398	0.297214	-3.36458	5.73242	15.7542	2.4429	1
cg02909293	0.0943849	0.82385	-1.21381	0.0117369	1.39339	1.39339	0.0858925	0.818725	-1.22141	0.11169	0.833139	-1.20028	5.40615	0.950795	0.156331	1
cg12234533	0.388295	1.07346	1.07346	0.00565509	1.33788	1.33788	0.651684	0.964225	-1.0371	0.0968554	1.15732	1.15732	5.2698	0.536404	0.0904785	1
cg21185355	0.147014	0.501108	-1.99558	0.413358	1.44958	1.44958	0.285073	0.610814	-1.63716	0.181892	0.533073	-1.87592	4.81249	15.0233	2.77488	1
cg09809224	0.908805	0.963833	-1.03752	0.000961904	0.205858	-4.85773	0.863082	1.05706	1.05706	0.00719754	0.327845	-3.05023	4.41146	7.22077	1.45495	1
cg16872693	0.24823	0.771903	-1.2955	0.297216	0.793109	-1.26086	0.227605	1.31214	1.31214	0.23146	1.30892	1.30892	3.75343	2.73469	0.647631	1
cg21407311	0.0483809	0.709865	-1.40872	0.696145	0.942115	-1.06144	0.629167	1.07673	1.07673	0.0279012	0.67386	-1.48399	3.6159	1.32191	0.324963	1
cg02648746	0.638882	1.16601	1.16601	0.103991	1.78186	1.78186	0.191755	1.56687	1.56687	0.713409	1.12736	1.12736	3.59711	6.016	1.48663	1
cg27605307	0.256242	0.840623	-1.18959	0.802829	1.03733	1.03733	0.0232873	0.672184	-1.48769	0.00159858	0.515112	-1.94133	40.5549	13.7849	0.30214	1
cg06294373	0.113328	0.683223	-1.46365	0.0372978	0.586045	-1.70635	0.000466652	3.375	3.375	0.00787217	0.470602	-2.12494	19.0957	14.7806	0.688028	1
cg21996068	0.253408	0.760026	-1.31574	0.0553875	1.648	1.648	0.00189183	2.75374	2.75374	0.0090151	0.465899	-2.14639	15.507	12.9978	0.745058	1
cg09792189	0.143575	1.31534	1.31534	0.00173068	2.18022	2.18022	0.355314	1.18038	1.18038	0.00267851	0.484852	-2.06248	11.7458	5.65847	0.428216	1
cg00382053	0.43041	0.878389	-1.13845	2.71E-05	3.79845	3.79845	0.273803	0.832376	-1.20138	0.00703663	0.570456	-1.75298	11.1974	4.60312	0.365413	1
cg00376654	0.46609	1.16723	1.16723	0.564094	1.12926	1.12926	0.884941	1.03065	1.03065	0.00290876	0.426092	-2.34691	10.3577	7.13026	0.611914	1
cg07456201	0.0620132	1.68171	1.68171	0.0039476	2.60951	2.60951	0.000503726	0.260451	-3.8395	0.204483	0.718036	-1.39269	8.60184	8.33689	0.861511	1
cg03084308	0.993313	0.998363	-1.00164	0.000513356	2.88743	2.88743	0.514334	1.13804	1.13804	0.630089	1.09954	1.09954	5.96259	3.61088	0.538301	1
cg17812431	0.396571	0.780044	-1.28198	0.516848	1.2069	1.2069	0.121484	0.618545	-1.6167	0.0032808	0.317755	-3.14708	5.12936	6.65129	1.15263	1
cg04231019	0.0312035	0.316644	-3.15812	0.029401	0.31134	-3.21192	0.0098993	0.227124	-4.40289	0.0192906	0.27601	-3.62306	4.032	13.2116	2.9126	1
cg10851763	0.0651285	0.548668	-1.8226	0.000143481	0.149655	-6.68205	0.00325558	0.312544	-3.19955	0.000279773	0.178615	-5.59862	14.0625	18.714	1.18291	1
cg23782413	0.0729281	0.261818	-3.81945	0.32161	0.503583	-1.98577	0.153801	0.359514	-2.78153	0.762604	1.22502	1.22502	5.84055	41.5175	6.31866	1
cg09727148	0.0461795	0.452012	-2.21233	0.0728137	0.498758	-2.00498	0.270929	0.671387	-1.48945	0.0264605	0.40067	-2.49582	4.69427	8.98262	1.70092	1
cg03643948	0.32035	0.5483	-1.82382	0.552677	0.703612	-1.42124	0.268045	0.509062	-1.9644	0.0339545	0.234851	-4.25802	4.25814	23.0983	4.82178	1
cg00969162	0.90199	1.06243	1.06243	0.91366	1.05476	1.05476	0.370066	0.636041	-1.57223	0.00703909	0.1804	-5.54324	3.76185	14.3972	3.40192	1
cg11506205	0.0615092	1.7203	1.7203	0.00203597	0.326225	-3.06536	0.0274059	0.510668	-1.95822	0.534856	0.850549	-1.17571	18.5852	19.5251	0.933843	1
cg24372256	0.787492	0.943887	-1.05945	0.00152691	0.377131	-2.6516	0.0172009	0.537703	-1.85976	0.289541	0.790599	-1.26486	7.9762	5.77077	0.64311	1
cg03240473	0.176736	1.34948	1.34948	0.961463	1.01014	1.01014	0.655564	1.09824	1.09824	0.0375476	0.604325	-1.65474	7.49138	5.16886	0.613311	1
cg09849774	0.0194116	0.434994	-2.29888	0.00018508	0.155677	-6.42354	0.913532	0.968515	-1.03251	0.647472	0.873188	-1.14523	6.54013	8.98568	1.22127	1
cg25191241	0.0503701	0.66172	-1.51121	7.07E-05	0.261381	-3.82583	0.000761701	0.388939	-2.5711	0.00924056	0.542472	-1.84341	10.2156	5.54469	0.482459	1
cg03407622	0.0254785	0.634374	-1.57636	0.0581932	1.44337	1.44337	0.861885	0.970591	-1.0303	0.465722	0.88051	-1.13571	10.2057	4.74961	0.413677	1
cg15050328	0.263252	1.30011	1.30011	0.366633	1.23208	1.23208	0.578848	1.13448	1.13448	0.744362	0.929017	-1.07641	8.53684	6.84628	0.712861	1
cg00821764	0.271191	1.14272	1.14272	0.0558023	0.776958	-1.28707	0.312238	1.12947	1.12947	0.109072	1.2257	1.2257	4.55282	0.978088	0.190961	1
cg13144004	0.824883	1.04161	1.04161	0.00682154	0.524764	-1.90562	0.085216	1.41921	1.41921	0.952876	1.01093	1.01093	3.61418	1.93746	0.476509	1
cg08415378	0.0563352	0.774593	-1.291	0.399492	0.903078	-1.10732	0.0796512	1.2585	1.2585	0.165433	1.19108	1.19108	3.66066	0.809948	0.196673	1
cg19144019	0.383899	0.794739	-1.25828	0.000161523	5.24595	5.24595	0.0223542	2.02248	2.02248	0.199958	0.705813	-1.41681	10.7028	11.2236	0.932141	1
cg12118708	0.809479	1.1196	1.1196	0.0351782	0.317421	-3.15039	0.4226	0.681742	-1.46683	0.0329149	0.311331	-3.21201	5.64643	19.5618	3.07952	1
cg23688420	0.00203466	0.392076	-2.55053	0.12476	0.699266	-1.43007	0.111597	0.688656	-1.4521	0.824641	0.953353	-1.04893	5.07661	3.72537	0.652295	1
cg05562851	0.0718388	1.65851	1.65851	0.000478011	3.97514	3.97514	6.83E-05	6.25546	6.25546	0.00771879	2.3669	2.3669	12.2346	12.2795	0.892151	1
cg16445317	0.102244	0.639673	-1.5633	0.000109807	0.182451	-5.48092	0.0214431	0.501372	-1.99453	0.0167417	2.07418	2.07418	9.86689	9.75443	0.878758	1
cg24318537	0.258251	0.791161	-1.26397	0.105516	0.703865	-1.42073	0.00270342	2.27717	2.27717	0.00461359	0.473039	-2.11399	8.47413	5.29242	0.555145	1
cg18724891	0.103081	1.56944	1.56944	0.262626	0.74437	-1.34342	0.218212	1.38732	1.38732	0.0123594	2.19738	2.19738	7.75413	7.84614	0.899436	1
cg13711314	0.216277	0.724537	-1.38019	0.000831674	0.28769	-3.47596	0.0825036	0.621109	-1.61002	0.504339	1.18268	1.18268	6.55597	6.36714	0.863286	1
cg06302566	0.787287	0.909458	-1.09956	0.00723083	0.296349	-3.3744	0.471023	1.29344	1.29344	0.295819	0.683583	-1.46288	4.32496	8.43445	1.73349	1
cg14380013	0.142544	0.622203	-1.60719	0.00697565	0.349748	-2.8592	0.0742416	0.549476	-1.81992	0.216485	0.676041	-1.4792	4.2396	6.08447	1.27569	1
cg15310278	0.881937	1.01008	1.01008	0.0795638	0.876946	-1.14032	0.0501178	0.860086	-1.16267	0.185837	1.09928	1.09928	3.73998	0.239749	0.0641045	1
cg02690797	4.86E-06	0.421233	-2.37398	2.46E-09	0.101185	-9.88291	0.0181326	1.26822	1.26822	8.37E-07	0.336555	-2.97128	202.694	22.0134	0.0965373	1
cg21222178	1.28E-05	0.244546	-4.08921	0.00117261	0.481193	-2.07817	0.454037	1.12426	1.12426	0.00864292	0.598011	-1.67221	45.5202	17.004	0.332043	1
cg00878605	0.000182229	2.51475	2.51475	0.300474	0.855281	-1.16921	2.68E-07	9.20396	9.20396	0.000105781	2.71134	2.71134	38.4667	12.9329	0.298855	1
cg07066898	0.0028859	2.30613	2.30613	0.154229	0.732702	-1.36481	5.11E-06	8.28877	8.28877	0.00218263	2.40261	2.40261	31.638	20.8366	0.585418	1
cg13978566	0.00018212	6.29594	6.29594	0.00252295	0.295531	-3.38374	0.00977644	2.5847	2.5847	0.10457	1.67479	1.67479	18.3027	24.4916	1.18946	1
cg11321181	0.000128445	0.280745	-3.56195	0.0167382	1.74572	1.74572	0.00162099	2.3678	2.3678	0.0132814	0.556881	-1.79572	13.6819	7.88799	0.512468	1
cg27058832	2.89E-05	0.156802	-6.37747	0.00192373	0.371271	-2.69345	0.818749	0.949523	-1.05316	0.619416	0.893222	-1.11954	10.9242	8.80995	0.716852	1
cg03531543	0.959219	1.00919	1.00919	0.180058	0.775227	-1.28994	0.862347	1.03152	1.03152	0.0366343	0.647748	-1.54381	9.01404	4.56558	0.450219	1
cg19027852	0.0149488	7.75952	7.75952	0.399678	0.554145	-1.80458	0.000916422	29.7375	29.7375	0.0173674	7.26783	7.26783	8.29065	61.5592	6.60013	1
cg22989649	0.00101326	2.33677	2.33677	0.788478	0.95427	-1.04792	0.720147	0.939298	-1.06463	0.53676	1.11503	1.11503	6.28925	3.01823	0.426581	1
cg10249507	0.0146953	1.73305	1.73305	0.000431724	0.360812	-2.77153	0.288111	0.817161	-1.22375	0.284765	0.815924	-1.22561	6.03781	3.20554	0.47192	1
cg17952467	0.0279418	1.3318	1.3318	0.0105271	1.42632	1.42632	0.234844	1.14726	1.14726	0.0293516	0.753414	-1.32729	5.83985	1.12574	0.17135	1
cg24917673	0.134133	1.38549	1.38549	0.330333	1.22476	1.22476	0.548139	0.884568	-1.13049	0.660392	1.09334	1.09334	5.78577	3.73294	0.573505	1
cg19044419	0.0598109	1.40939	1.40939	0.000449886	0.40901	-2.44493	0.830249	0.965905	-1.0353	0.976175	1.00484	1.00484	5.63587	2.33035	0.367543	1
cg14038115	0.0544504	1.51044	1.51044	0.0992696	1.40706	1.40706	0.172127	0.759819	-1.3161	0.0946891	0.706717	-1.41499	5.44934	3.08259	0.502828	1
cg16049699	0.0713389	0.257007	-3.89095	0.0023461	0.0570201	-17.5377	0.00632129	0.0908338	-11.0091	0.0354387	0.191662	-5.21752	5.34781	38.5429	6.40644	1
cg05667138	0.00753004	0.461331	-2.16764	0.0244027	0.54697	-1.82825	0.0310885	0.565934	-1.76699	0.041182	0.588657	-1.69878	5.12087	4.10449	0.712463	1
cg00647022	0.0831824	0.295619	-3.38273	0.00572432	0.100084	-9.99156	0.00700915	0.109118	-9.16438	0.0569503	0.254432	-3.93033	5.0764	32.4562	5.68315	1
cg07718631	0.859949	0.967755	-1.03332	0.0925666	0.709267	-1.40991	0.322936	0.827388	-1.20862	0.0221886	1.66338	1.66338	4.50714	2.45864	0.484888	1
cg14063331	0.0286731	2.55865	2.55865	0.073422	0.483567	-2.06796	0.00578682	3.72834	3.72834	0.0280443	2.5716	2.5716	4.44537	9.32794	1.8652	1
cg04986579	0.337104	0.84317	-1.186	0.140793	0.761038	-1.314	0.680449	0.931105	-1.07399	0.661166	1.07899	1.07899	4.0356	1.899	0.418277	1
cg06303772	0.461283	1.66444	1.66444	0.886902	0.907856	-1.1015	0.00330012	15.1643	15.1643	0.0504221	4.54817	4.54817	3.70189	27.0542	6.4962	1
cg04685865	0.0833436	0.375091	-2.66602	0.0292349	0.268703	-3.72159	0.0116395	0.199256	-5.01866	0.138443	0.442209	-2.26137	3.40752	14.1228	3.68408	1
cg02096633	0.00144239	0.805297	-1.24178	0.000452616	0.771112	-1.29683	0.00727802	0.849792	-1.17676	0.0679201	0.908337	-1.10091	16.622	0.582024	0.0311246	1
cg14638176	0.059948	0.334466	-2.98984	0.0576925	0.330377	-3.02684	0.946624	1.03515	1.03515	0.0624756	0.338928	-2.95048	3.66113	15.4411	3.74896	1
cg21226534	0.545315	0.681351	-1.46767	0.0504854	0.24728	-4.044	0.744858	1.22714	1.22714	0.346282	1.83668	1.83668	5.1382	31.9741	5.53139	1
cg22825220	0.27223	0.770354	-1.2981	0.874253	1.03682	1.03682	0.0410364	0.583761	-1.71303	0.000482332	0.286554	-3.48975	11.3095	9.33539	0.733729	1
cg00517270	0.16198	0.625564	-1.59856	0.00724678	0.33676	-2.96947	0.84669	1.0627	1.0627	0.0204914	0.415974	-2.40399	3.71191	5.80207	1.38942	1
cg09177080	0.00299955	0.237654	-4.20781	0.166181	0.59377	-1.68415	0.0299404	0.405878	-2.46379	0.00747004	0.296412	-3.37369	9.06647	17.898	1.75475	1
cg19142133	0.0373951	0.67694	-1.47724	0.147525	0.778008	-1.28533	0.0644432	1.39872	1.39872	0.1739	0.791621	-1.26323	5.20123	2.14929	0.367313	1
cg04304639	0.011075	0.52479	-1.90553	0.086104	1.46789	1.46789	0.386396	1.19687	1.19687	0.328241	0.815266	-1.22659	4.22881	2.74348	0.576675	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes

Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13778201	UNC45A	0.0142653	0.0140812	0.160983	-6.21183	0.0536311	0.266941	-3.74615	0.0481611	0.256408	-3.90003	0.0246791	5.01324	5.01324	0.0442553	0.24842	-4.02544	0.830067	0.878513	-1.13829	0.0557187	0.270784	-3.69298	0.0866312	0.319631	-3.12861	0.0525475	3.77488	3.77488	5.26726	30.2978	5.11297	1
cg18472881	UNC45A	0.0157162	0.0146869	0.104587	-9.56141	0.00556199	0.0647233	-15.4504	0.0494316	0.185386	-5.39416	0.807008	1.20197	1.20197	0.0149852	0.105604	-9.46938	0.363441	2.01788	2.01788	0.0175203	0.113815	-8.7862	0.0210911	0.124315	-8.04406	0.824655	1.18151	1.18151	5.10124	45.6456	7.95372	1
cg08939371	UNC45A	0.0177238	0.00985679	0.0906013	-11.0374	0.0337819	0.161228	-6.20241	0.0251691	0.140812	-7.10167	0.831284	1.17009	1.17009	0.0152662	0.111558	-8.96395	0.346788	2.04067	2.04067	0.0257215	0.14223	-7.03085	0.0114559	0.0973689	-10.2702	0.715681	1.30907	1.30907	4.90052	42.0694	7.63082	1
cg18724928	UNC45A	0.0318946	0.0209446	0.0954461	-10.4771	0.0394461	0.133397	-7.49643	0.11266	0.232189	-4.30684	0.698358	1.38999	1.38999	0.0125052	0.0722764	-13.8358	0.41458	2.02425	2.02425	0.0255253	0.106031	-9.43119	0.028524	0.112452	-8.89269	0.704186	1.38064	1.38064	3.99859	45.28	10.0658	1
cg13615036	UNC45A;HDDC3	0.0102517	?	?	?	0.467616	0.651287	-1.53542	0.752944	1.20105	1.20105	0.28258	1.91134	1.91134	0.619679	1.33679	1.33679	0.000238931	0.0293317	-34.0929	0.51286	1.46968	1.46968	0.943024	0.959379	-1.04234	0.252355	2.00111	2.00111	5.98075	28.3411	4.73872	1
cg00526711	UNC45A;UNC45A	0.000486599	0.255859	0.830525	-1.20406	8.32E-05	3.03113	3.03113	0.0190963	0.641404	-1.55908	0.265395	0.833845	-1.19926	0.0224599	0.65177	-1.53428	0.00136203	2.07052	2.07052	0.0100388	0.601241	-1.66323	0.0174802	1.57283	1.57283	0.350421	0.860302	-1.16238	14.3986	5.58946	0.345062	1
cg27366007	UNC45A;UNC45A	0.0181347	0.180934	0.605678	-1.65104	0.444703	0.759556	-1.31656	0.00580002	3.58092	3.58092	0.070301	2.04246	2.04246	0.188812	0.611748	-1.63466	0.110189	1.84878	1.84878	0.261109	1.5124	1.5124	0.0121227	0.331601	-3.01567	0.303387	0.686405	-1.45687	4.86292	9.59622	1.75408	1
cg13417485	UNC45A;UNC45A	0.0200899	0.261393	0.865888	-1.15488	0.0042952	0.625302	-1.59923	0.140977	0.823105	-1.21491	0.0790079	0.786799	-1.27097	0.0592952	0.769686	-1.29923	0.0242353	1.39136	1.39136	0.0200064	0.708128	-1.41217	0.243675	0.860729	-1.16181	0.129547	0.81762	-1.22306	4.6974	1.12456	0.212801	1
cg01351822	UNC45A;UNC45A	0.025328	0.0355156	0.0617847	-16.1852	0.0161328	0.035139	-28.4584	0.0299652	0.0547716	-18.2577	0.140438	6.07319	6.07319	0.144629	0.168254	-5.94338	0.216565	4.38893	4.38893	0.0460659	0.0742567	-13.4668	0.224202	0.234018	-4.27317	0.145369	5.9211	5.9211	4.33751	88.8844	18.2151	1
cg00655702	UNC45A;UNC45A;UNC45A	0.00178443	0.314563	0.615905	-1.62363	0.231597	0.557264	-1.79448	2.14E-05	0.0185886	-53.7966	0.923467	0.956208	-1.0458	0.778771	1.14025	1.14025	0.172518	0.508337	-1.9672	0.0600931	0.372188	-2.68681	0.00976496	0.218097	-4.58512	0.866266	0.924459	-1.08171	9.96686	34.2816	3.05739	1
cg27064981	UNC45A;UNC45A;UNC45A	0.00397096	0.06825	0.71959	-1.38968	0.00144519	0.476131	-2.10026	0.0485906	1.4378	1.4378	0.0644137	0.715425	-1.39777	0.150748	0.780188	-1.28174	0.00126383	0.468389	-2.13498	0.00631486	0.563694	-1.77401	0.0114801	0.600668	-1.66481	0.141278	0.774925	-1.29045	7.86975	3.23804	0.365736	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df(Error)
cg22709088	UNC93A;UNC93A	0.0113139	0.00368522	1.03199	0.0159995	0.567495	1.09E-05	1.09025	0.00958771	0.612397	1.63E-03	0.00408854	0.747661	1.74964	?	?	?	?	?	?	?	?	?	2.82311	0.314725	1.82311	4
cg09682183	UNC93A;UNC93A	0.02326	0.0553134	0.477107	-0.20597	0.801549	1.08958	1.08958	0.00467174	0.277698	-3.60103	0.00241121	0.236999	-4.21902	0.0241208	0.414824	-2.41066	0.270468	0.676474	-1.47825	0.11906	0.56198	-1.77942	0.33295	0.711613	-1.40526	0.072032	0.504576	-1.98186	0.446691	8.20961	1.63366	1
cg25756680	UNC93B1	2.14E-06	1.31E-06	0.123884	-8.07208	4.29E-06	0.167412	-5.97329	7.33E-05	0.296867	-3.36852	4.96E-06	0.1732	-5.77368	4.09E-07	0.0880985	-11.3509	0.0371182	0.665297	-1.50309	0.000167827	0.340065	-2.94062	1.10E-05	0.206553	-4.84137	0.000120699	0.322647	-3.09936	60.3781	27.1141	0.399175	1
cg03729698	UNC93B1	0.00301522	0.0152649	0.68267	-1.46484	0.195991	0.685325	-1.45939	3.43E-05	0.75931	2.79331	0.178445	1.20371	1.20371	0.805973	1.068097	-1.03204	0.0182875	1.44541	1.44341	0.0408435	1.33525	1.33525	0.000240838	2.17833	2.17833	0.0282765	1.39356	16.4274	4.27226	0.231173	1
cg11200858	UNC93B1	0.00133463	0.0214615	0.529809	-1.88747	0.149407	0.700882	-1.42677	0.0139107	0.497269	-2.01098	0.0277865	0.549934	-1.8184	0.221505	0.189757	-5.26963	0.0042899	0.415511	-2.40668	0.00324435	0.262776	-3.80552	0.0830011	0.643184	-1.55476	0.0306707	0.557791	-1.79279	10.8372	9.07345	0.744225	1
cg18809484	UNC93B1	0.0029158	0.091472	1.51233	1.51233	0.00208851	0.381404	-2.62189	0.41132	0.829458	-1.32651	0.0481441	1.65319	1.65319	0.00303183	0.270424	-3.69789	0.3222744	1.25555	1.25555	0.362968	1.29662	1.29662	0.365158	1.23011	1.23011	0.523972	1.1554	1.1554	8.6312	6.77207	0.697405	1
cg20519225	UNC93B1	0.00295771	0.000479184	0.308533	-3.24115	0.00248756	0.405731	-2.46469	0.169015	0.730197	-3.36949	0.0698784	0.647289	-1.54488	0.000862426	0.341836	-2.92538	0.0197468	0.546546	-1.82967	0.316565	1.2488	1.2488	0.197367	0.746461	-1.33965	0.76035	1.06785	1.06785	8.59429	6.26744	0.648228	1
cg06196265	UNC93B1	0.0132001	0.0363971	0.493085	-2.02754	0.302555	0.719051	-1.39416	0.0081582	0.337945	-2.67419	0.4615 02	0.80431	-1.24333	0.00246212	0.294222	-3.39879	0.0411348	0.504329	-1.98261	0.128669	0.626027	-1.61133	0.0160427	0.237073	0.03073	0.130307	0.62207	-1.60754	5.40311	7.23221	1.18816	1
cg00145322	UNC93B1	0.0263534	0.0141876	0.236267	-4.2325	0.0460328	0.337633	-2.96592	0.00449704	0.163614	-6.11196	0.0129185	0.229579	-4.35301	0.0128703	0.273719	-3.65339	0.0850515	0.403355	-2.47921	0.0714076	0.382873	-2.61183	0.215359	0.53697	-1.8623	0.0403219	0.323219	-3.09387	4.27783	4.4037	3.20072	1
cg03267954	UNC93B1	0.0299964	0.0743163	0.640661	-1.56089	0.0363445	0.579943	-1.72431	0.006010 84	0.447636	-2.23396	0.679083	1.09763	1.09763	0.00572513	0.444353	-2.25046	0.478731	0.851082	-1.17497	0.527146	1.15427	1.15427	0.0817138	0.649226	-1.5403	0.1316 08	0.694583	-1.43971	4.08701	3.24522	0.705809	1
cg04198360	UNC93B1	0.0494945	0.0808654	0.542804	-1.84253	0.0306236	0.121121	-3.18494	0.149789	0.634229	-1.62798	0.4159	0.76823	1.76823	0.176866	0.595705	-1.67904	0.0155124	0.299724	-3.33654	0.0311124	0.464389	-2.15257	0.26553	-3.76653	0.0013	0.0001	0.00	-2.14648	0.441994	4.78083	4.02624	5.30552	4.40224	1
cg23358612	UNC9C	0.00204703	1.91607	1.91607	0.382284	0.874511	-1.1435	0.301695	0.852033	-1.17366	0.00316376	1.82841	1.82841	0.143625	0.790448	-1.26511	0.427122	1.12777	1.12777	0.0053128	0.573934	-1.74236	0.00212139	1.90861	0.19061	0.71501	1.0564	1.05641	9.24171	3.27799	0.315282	1
cg01072217	UNC9C	0.00942238	0.599953	1.19466	-1.10944	0.223534	1.28527	-1.28527	0.0703287	0.48759	1.48709	0.145377	1.37637	1.37637	0.0129778	0.166272	-1.62772	0.557087	0.739178	1.35273	0.0456225	0.1057	-1.05575	0.00231283	0.676959	0.229683	1.28277	1.28277	0.618985	3.67193	0.542196	1
cg03970319	UNC9C	0.0142315	0.0421142	0.471466	-2.12105	0.551376	0.824053	-1.21351	0.331845	0.725077	-1.37916	0.278217	0.695242	-1.43628	0.115959	0.57775	-1.73085	0.45809	0.784571	-1.27458	0.276446	0.695238	-1.43836	0.000754378	5.15758	5.15758	0.134284	0.595421	-1.67949	5.27137	8.60808	1.45154	1
cg20870512	UNC9C	0.0170284	0.296911	0.773635	-1.2926	0.644544	0.805856	-1.11656	0.634152	1.1205	1.1205	0.0622822	0.607713	-1.64551	7	7	?	0.38295	0.808692	-1.23656	0.00431122	0.266706	-3.57145	0.0241156	0.856983	-1.16688	0.327859	1.27086	1.27086	0.15925	4.01162	0.792627	1
cg06636427	UNC9C	0.0223412	0.620419	1.09929	1.09929	0.139652	0.739732	-1.35184	0.000666885	2.77505	2.77505	0.0160403	1.33636	1.33636	0.387301	0.845332	-1.18297	0.137263	1.35459	1.35459	0.753511	0.937686	-1.06645	0.706169	1.07446	1.07446	0.122327	1.37241	1.37241	6.52948	2.75448	0.556159	1
cg21158633	UNC9C	0.0259651	0.0221907	0.804582	-1.24288	0.461736	1.06122	1.06122	0.340249	0.925018	-1.08106	0.659624	1.09574	1.09574	0.0133577	0.00837774	0.765581	-1.3062	0.0297988	1.2248	1.2248	0.0395856	0.827993	-1.22074	0.321324	1.08465	1.08465	0.873261	1.01274	1.01274	4.30009	0.428303	0.088536	1
cg03062991	UNC9C	0.0407545	0.0109866	0.655328	-1.52595	0.0268432	1.8932	1.8932	0.956378	1.0154	1.0154	0.0159555	1.01254	1.01254	0.0124001	0.666753	-1.4998	0.19701	0.717504	-1.39372	0.123109	0.665914	-1.5017	0.0184035	2.0057	2.0057	0.153436	1.45371	1.45371	3.63284	3.41208	0.834027	1
cg03092191	UNC9C	0.0446228	0.0609707	0.580237	-1.72343	0.77911	1.07509	1.07509	0.2705	0.616396	2.18251	0.242536	1.729813	1.73121	0.0173801	0.474121	-2.10827	0.167656	0.684731	-1.46043	0.539907	1.17329	1.17329	0.284841	0.944515	-1.05874	0.102248	0.630049	-1.58491	3.53665	3.71464	0.933625	1
cg09917979	UNC9C	0.0489425	0.77623	1.06629	1.06629	0.79762	0.943767	-1.05958	0.13066	1.44431	1.44431	0.722861	0.922932	-1.0835	0.669272	1.10162	1.10162	0.552812	0.873508	-1.14481	0.652491	0.902945	-1.10749	0.00136718	2.84732	2.84732	0.0812053	1.54558	1.54558	3.42771	2.75388	0.714149	1
cg17429457	UNC9C	0.0203927	0.0179393	0.640657	-2.4958	0.338527	0.7	-1.42857	0.79711	1.08538	1.08538	0.0718136	0.527735	-1.89562	0.186162	1.56161	1.56161	0.362857	0.742744	-1.34636	0.0205584	0.309309	-3.23302	0.0184305	1.12464	1.12464	0.0099237	0.55321	-2.83118	4.67955	7.4852	1.42365	1
cg26703873	UNG	0.0215088	0.0450449	0.268089	-3.72971	0.0397168	0.153771	-6.50316	0.0461531	0.270435	-3.69802	0.885877	1.08568	1.08568	0.0147646	0.179535	-5.56994	0.0627629	0.301648	-3.31512	0.00312602	0.0089676	-10.1043	0.331225	0.563355	-1.77508	0.0385139	0.253564	-3.94378	4.58931	23.8143	4.61251	1
cg03128979	UNG;UNG	0.00212879	0.5170037	1.12705	1.12705	4.62E-06	0.0197774	0.563557	0.0001	0.48515	-2.06015	0.0075271	0.314228	-3.18182	0.0890629	0.540504	-1.85013	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1.25903	1
cg18198707	UNG;UNG	0.0360445	0.293845	1.597943	-1.6724	0.600271	0.779016	-1.28367	0.394209	0.66221	-1.51009	0.0718862	0.387133	-2.58309	0.005594 52	0.179365	5.57523	-0.982967	1.01013	1.01013	0.0364701	0.317206	-3.15253	0.2219 79	1.83352	1.83352	0.0531123	2.82331	2.82331	3.82612	13.5173	3.14035	1
cg14642045	UNG;UNG	0.04128	0.179587	1.68444	1.68444	0.080937	2.0306	0.724509	0.878583	-1.1382	0.0318046	2.51057	2.51057	0.0157103	0.890083	-1.12949	0.0312592	0.0331681	0.153549	6.51222	0.0014	0.0001	0.00	-2.85	0.0	0.0	0.0	0.00	-2.14435	0.133596	0.0	0.0	0.0	0.0	1
cg19332996	UNK	8.63E-05	0.00030497	0.229227	-3.88656	0.0104455	0.263566	-3.79412	0.0110907	0.488393	-2.12487	0.0134497	0.406044	-2.46201	0.0106562	0.486205	-2.05734	0.0402184	0.0002664	3.74E-05	0.0001	0.00	-3.72	0.0	0.0	0.0	0.00	-2.85425	0.0127	0.0	0.0	0.0	0.0	0.0	1
cg13605142	UNK	0.0009695	0.0054675	1.39718	1.39718	0.772904	1.02684	1.02684	0.000709242	1.60349	1.60349	0.00294915	1.45305	1.45305	0.929911	0.99198	-1.00809	0.0406725	0.805471	-1.24151	0.00112962	0.644926	-1.55057	0.0180412	0.802412	-1.24624	0.940176	1.00089	1.00089	1.87303	1.57524	0.117959	1
cg02741808	UNK	0.00873093	0.110884	0.693318	-1.44202	0.0744	0.0010	0.0010	0.0010	0.37869	-2.64064	0.0009732	0.023412	-4.27138	0.0010	0.188399	1.08758	0.1968	0.464727	0.946825	-1.05631	0.264644	0.188399	0.810883	0.884932	-1.13025	0.80604	1.08015	1.08015	1.61455	0.474839	0.062859	1
cg13182713	UNK	0.00874054	0.012379	0.448525	-2.22953	0.0127806	0.45091	-2.21774	0.321942	0.768364	-1.30147	0.158865	0.678559	-1.47571	0.0017564	0.317205	3.15253	0.0464045	0.379192	-2.63718	0.00623361	0.398281	-2.5045	0.0141468	0.458652	-2.1803	0.0355643	0.532557	-1.87773	1.16932	0.47926	0.933547	1
cg20184405	UNK	0.00918493	0.0158751	0.776975	-1.28704	0.0175506	1.28004	1.28004	0.0126827	1.30297	1.30297	0.491739	0.94209	-1.06147	0.00412193	1.38911	1.38911	0.440514	1.06951	1.06951	0.202329	0.891374	-1.12186	0.94798	1.05559	1.05559	0.0437703	1.21895	1.21895	0.673302	0.701903	0.102735	1
cg26332052	UNK	0.00395013	0.0530276	0.749678	-1.33398	0.0572	1.23873	1.23873	0.79711	1.08538	1.08538	0.0718136	0.527735	-1.89562	0.186162	1.56161	1.56161	0.362857	0.742744	-1.34636	0.0205584	0.309309	-3.23302	0.0184305	1.12464	1.12464	0.0099237	0.55321	-2.83118	4.67955	7.4852	1.42365	1
cg16472998	UNK	0.0132908	0.0561121	1.83331	1.83331	0.622853	1.14899	1.14899	0.563722	1.17765	1.17765	0.0873474	0.392195	-2.54975	0.00239789	0.305688	3.27131	0.0788501	0.578822	-1.72765	0.600706	1.15946	1.15946	0.195994	0.749521	1.66955	1.66955	0.847756	1.05532	1.39502	6.7019	1.10503	1
cg08301181	UNK	0.00698455	0.0048865	0.354862	-2.81852	0.0019661	0.258649	-3.86499	0.0049997	0.164849	-6.06499	0.0027	0.442567	-2.26002	0.0012795	0.303028	3.30015	0.0386908	0.284442	-3.51627	0.0013	0.0001	0.00	-3.72	0.0	0.0	0.0	0.00	-2.85425	0.0127	0.0	0.0	0.0	0.0	0.0	1
cg08536977	UNK	0.0183538	0.753934	1.05085	1.05085	0.0717119	1.37323	1.37323	0.0283433	1.50419	1.50419	0.0103263	1.66473	1.66473	0.626982	0.925661	-1.08031	0.2008998	1.23747	1.23747	0.00855412	0.589119	-1.69745	0.348983	0.858921	-1.16425	0.189806	0.803283	1.24489	4.84329	2.9084	0.350249	1
cg25355213	UNK	0.0318791	0.0834772	1.36945	-2.7031	0.434886	0.661315	-1.51214	0.211243	0.504781	-1.98105	0.370934	0.620733	-1.611	0.0044809	0.144369	6.52563	0.0849761	0.370093	-2.6875	0.0601526	0.155216	-6.44262	0.0614301	0.218306	-4.58072	0.0397734	0.291173	-3.43438	4.00334	17.0808	3.79257	1
cg25814096	UNK	0.0237606	0.8214375	1.2009	1.2009	0.0192777	0.6355	1.57386	0.342046	0.446669	2.23776	0.268605	1.53152	1.53152	0.0218617	0.65307	-1.53152	0.0691366	1.3222	1.3222	0.0533753	0.352887	-3.14429	0.0175766	0.504075	0.50268	0.0425958	0.945368	-2.05779	3.77615	14.7459	4.41271	1
cg05647756	UNK	0.0428956	0.583222	1.34245	1.34245	0.00684105	0.43452	0.43452	0.0819266	2.78559	2.78559	0.753565	0.845878	-1.1822	0.014018	0.199438	-5.01409	0.546003	0.722716	-1.38367	0.751585	0.844696	-1.18386	0.206703	0.20947	0.20947	0.773899	1.16542	1.16542	5.5891	16.0558	3.97644	1
cg04230956	UNK	1.14E-06	5.82E-06	0.0001	-9.9999	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg06876040	UNK	4.11E-05	0.0795789	1.34988	1.34988	2.70E-06	0.175491	-5.6983	0.0012191	0.482036	-2.07453	0.252226	1.20251	1.20251	0.0024018	1.43495	-1.43495	0.0187703	0.644423	-1.55178	0.0083122	0.300731	2.77937	0.2767 72	0.0626722	0.723989	-1.38124	0.141871	0.783873	2.75728	0.28435	10.559	0.334687	1
cg08842285	UNK	9.79E-05	0.0612053	1.25442	1.25442	0.319446	1.1169	1.1169	0.382665	0.908281	-1.10098	0.316285	1.11776	1.11776	0.206069	1.1541	1.1541	0.0726328	0.679509	-1.47165	0.543766	0.888206	-1.12586	0.114318	1.3928	1.3928	0.165 05	1.39281	1.39281	3.95015	0.950729	0.240817	1
cg08764908	UNK	0.000414247	0.0586926	1.92662	0.0220342	0.458182	-2.18254	0.0166658	1.70164	1.70164	0.0601836	0.680086	-1.4704	0.396772	1.17095	1.17095	0.720001	0.27001	0.811488	-1.2323	0.4926 05	0.40273	0.040213	0.0240138	2.00832	2.00832	0.306926	0.825011	-2.1215	0.07352	7.89513	0.465626	1
cg05317498	UNK	0.0006604	0.0172186	0.6222	-1.60731	0.0162277	0.365566	-2.73512	0.0011907	0.488393	-2.12487	0.0134497	0.406044	-2.46201	0.0106562	0.486205	-2.05734	0.0402184	0.0002664	3.74E-05	0.0001	0.00	-3.72	0.0	0.0	0.0	0.00	-2.85425	0.0127	0.0	0.0	0.0	0.0	0.0	1
cg05441542	UNK	0.00111205	0.57758	1.85305	-1.17226	0.000470847	0.211766	-4.72219	0.0109702	0.40588	-2.46378	0.0125753	0.416343	-2.40302	0.000122775	0.150599	-6.64016	0.0726328	0.679509	-1.47165	0.543766	0.888206	-1.12586	0.114318	1.3928	1.3928	0.165 05	1.39281	1.39281	3.95015	0.950729	0.240817	1
cg08742908	UNK	0.0058692	0.1926	1.92662	0.0220342	0.458182	-2.18254	0.0166658	1.70164	1.70164	0.0601836	0.680086	-1.4704	0.396772	1.17095	1.17095	0.720001	0.27001	0.811488	-1.2323	0.4926 05	0.40273	0.040213	0.0240138	2.00832	2.00832	0.306926	0.825011	-2.1215	0.07352	7.89513	0.465626	1
cg05317498	UNK	0.0006604	0.0172186	0.6222	-1.60731	0.0162277	0.365566	-2.73512	0.0011907	0.488393	-2.12487	0.0134497	0.406044	-2.46201	0.0106562	0.486205	-2.05734	0.0402184	0.0002664	3.74E-05	0.0001	0.00	-3.72	0.0	0.0	0.0	0.00	-2.85425	0.0127	0.0	0.0	0.0	0.0	0.0	1
cg05441542	UNK	0.00111205	0.57758	1.85305	-1.17226	0.000470847	0.211766	-4.72219	0.0109702	0.40588	-2.46378	0.0125753	0.416343	-2.40302	0.000122775	0.150599	-6.64016	0.0726328	0.679509	-1.47165	0.543766	0.888206	-1.12586	0.114318	1.3928	1.3928	0.165 05	1.39281	1.39281	3.95015	0.950729	0.240817	1
cg08204827	UNK	0.0012257	0.711999	1.07077	1.07077	0.0271648	0.418851	-2.38748	0.0167	0.47869	-2.08888	0.0109703	0.01207	2.08734	0.291 94	1.29206	4.29E-05	0.0232662	0.042092	-5.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg08424513	UNK	0.00316353	0.00016613	0.247842	-4.03482	0.0154305	0.525636	-1.90246	0.0578675	0.42499	-2.35241	0.0248021	0.368225	-2.71573	0.0017284	0.591099	-1.69209	0.4154 02	0.0002181	4.58E-05	0.0001	0.00	-3.72	0.0	0.0	0.0	0.00	-2.85425	0.0127	0.0	0.0	0.0	0.0	0.0	1
cg27423238	UNK	0.00183899	0.00057605	0.29955	-3.33834	0.734405	0.08016	1.08016	0.0124522	0.494531	-2.02212	0.461264	1.18511	1.18511	0.00180614	0.366135	-2.73123	0.065924	0.626771	-1.59548	0.000272609	0.259057	-3.86016	0.981602	0.994793	-1.00523	0.402828	0.823778	-2.21392	9.88015	8.02262	0.721773	1
cg26737724	UNK	0.00219996	0.0153058	0.745034	-1.34217	0.0156567	0.329557	-3.03505	0.0050349	0.257199	-3.8875	0.0024607	0.353796	-2.82703	0.0004	0.265634	-3.76305	0.0024466	0.0850304	0.00147	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg03897436	UNK	0.00280024	0.0155387	0.645375	-2.2453	0.97329	1.00917	1.00917	0.000352628	0.209178	-4.78062	0.212195	0.698966	-1.43068	0.00212078	0.30812	3.24549	0.0277997	0.324964	-3.07727	0.00290035	0.327649	-3.05204	0.888628	1.03893	1.03893	0.245193	0.717988	-1.39278	8.73475	10.2763	1.04577	1
cg00121045	UNK	0.00311428	0.0057238	0.5	-1.53439	0.0854897	0.144451	-6.92455	0.0001	0.164879	0.6430 73	-1.55503	0.00484695	0.324673	-3.08202	0.0507353	0.511623	-1.95461	0.2737 75	0.7096 94	-1.40906	0.0029248	0.286187	-3.49422	0.0648261	0.12112	1.23112	0.000127286	0.594338	-2.44381	8.64651	5.12332	1.29749	1
cg00145307	UNK	0.00314787	0.598368	1.899099	-1.11222	0.426803	0.850136	-1.17628	0.004885 24	0.644044	-2.10951	0.0902354	0.588262	-1.45294	0.000441798	0.329494	3.03496	0.0221604	0.742476	-1.3467	0.2136501	0.537824	-1.85934	0.0469579	0.57621	0.57621	0.368736	0.831332	-1.20289	8.43661	5.3492	0.563662	1
cg05070268	UNK	0.00323127	0.222785	1.44798	1.44798	0.278326	0.72201	-1.38502	0.0034938	0.318326	-3.14144	0.134127	1.59484	1.59484	0.000636263	0.219618	-4.55335	0.0017134	0.274126	-3.6453	0.267937	1.39575	1.39575	0.505419	0.822622	-1.21563	0.135632	0.628322	-1.59154	8.37116	11.0688	1.17534	1
cg00439105	UNK	0.00377796	0.31436	1.31757	1.31757	0.0106277	0.32173	-3.1073	0.0176651	0.33237	-3.00897	0.0011958	1.53	1.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg16507357	UNK	0.00380422	0.0099169	0.606293	-1.64937	0.321843	0.854526	-1.17024	0.586725	0.919146	-1.08797	0.953654	1.00897	1.00897	0.000166945	0.373554	-2.67699	0.0774923	0.591364	-1.69101	0.104193	0.761195	-1.31372	0.819248	0.965452	-1.03578	0.003082	0.536755	-1.86305	7.97201	2.97908	0.332171	1
cg04683283	UNK	0.00384264	0.6408515	1.64934	1.08585515	0.605522	0.50652	-1.97537	0.0001	0.48637	-2.05673	0.0997618	0.392009	-2.55096	0.0653484	0.341651	-2.92697	0.914783	1.05714	1.05714	0.0131128	0.202548	-4.93711	0.0064771	-1.5439	0.00305593	0.821642	0.82642	0.798488	31.5527	3.79428	1
cg06794560	UNK	0.00690984	0.0438232	0.638373	-1.46234	0.480434	0.888008	-1.12485	0.318971	1.18404	1.31774	0.148519	1.58459	0.540561	0.903374	1.10696	0.0090462	0.300228	-3.3308	0.961132	1.01798	1.01798	0.006095	3.70218	3.70218	0.589581	1.2203	1.2203	5.41936	13.5881	1.88155	1
cg04431935	UNK	0.00770552	0.361621	1.40893	1.40893	0.944978	1.02555	1.02555	0.00852685	3.41153	3.41153	0.149431	1.7596	1.7596	0.09000992	0.2970 35	0.3666	0.0080589	0.865366	1.0311	1.0311	0.188885	1.28476	1.28476	0.428981	0.864409	-1.15687	0.380519	1.17625	1.17625	0.1997	0.845024	0.838666	1
cg02906377	UNK	0.0115986	0.021572	0.456955	-2.1884	0.0061121	0.362198	-2.76092	0.0020 7583	0.308538	-3.24109	0.0067 7186	0.369337	-2.70755	0.390114	0.778859	-1.28393	0.022639	0.460915	-2.1696	0.523594	0.832397	-1.20135	0.912501	1.30675	1.30675	0.0645736	0.554772	-1.80254	5.63527	7.18833	1.13386	1
cg25115894	UNK	0.0119283	0.0127927	0.5	-1.53439	0.0854897	0.144451	-6.92455	0.0001	0.164879	0.6430 73	-1.55503	0.00484695	0.324673	-3.08202	0.0507353	0.511623	-1.95461	0.2737 75	0.7096 94	-1.40906	0.0029248	0.286187	-3.49422	0.0648261	0.12112	1.23112	0.000127286	0.594338	-2.44381	8.64651	5.12332	1.29749	1
cg16644245	UNK	0.0132435	0.0245555	0.934279	-1.07034	0.00319178	0.43042	0.43042	0.0185452	2.39686	2.39686	0.962291	1.0053	1.0053	0.00912757	0.362758	2.75666	0.1279229	1.65517	1.65517	0.273148	1.41791	1.41791	0.283076	1.40703	1.40703	0.158059	0.629975	-1.58737	3.37931	0.100139	0.319969	1
cg08622401	UNK	0.0146189	0.673782	0.946317	-1.05673	0.0716897	0.769453	-1.29963	0.0582868	0.755645	-1.32163	0.481188	0.910912	-1.0978	0.0608443	0.75928	-1.31704	0.425742	0.809428	-1.11182	0.0808575	0.791411	1.91411	0.814666	0.960862	-1.03107	0.214295	0.843338	1.18576	5.22493	1.40542	0.239097	1
cg12711333	UNK	0.0131381	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04462334	UQCRB	0.000992148	0.452912	0.922467	-1.08405	0.000198654	0.517028	-1.93413	0.00176961	0.625037	-1.59991	0.78836	0.972002	-1.0288	0.10881	0.831443	-1.20273
cg22313024	UQCRB	0.0115459	0.67263	1.05294	1.05294	0.294724	1.14101	1.14101	0.0168713	0.701965	-1.42457	0.0107487	1.47559	1.47559	0.819621	1.02811	1.02811
cg06079273	UQCRB	0.0249349	0.0113174	0.60463	-1.65391	0.276954	1.19647	1.19647	0.302558	1.18462	1.18462	0.932108	0.986574	-1.01361	0.968717	1.00624	1.00624
cg20787634	UQCRB	0.0301778	0.737557	1.08719	1.08719	0.987634	0.996155	-1.00386	0.989029	0.996588	-1.00342	0.812862	1.06072	1.06072	0.000427638	0.250063	-3.99899
cg17466891	UQCRC1	0.00584798	0.430509	0.811597	-1.23214	0.0204292	0.484403	-2.0644	0.273947	1.34359	1.34359	0.522746	0.845314	-1.18299	0.320225	0.766085	-1.30534
cg06049972	UQCRC1	0.0301718	0.00900723	0.507074	-1.9721	0.242494	0.778684	-1.28422	0.0282603	1.69842	1.69842	0.259441	1.272	1.272	0.420021	0.844941	-1.18352
cg10491993	UQCRC2	0.00108118	0.0503932	1.20002	1.20002	0.0395837	0.823167	-1.21482	0.000412522	0.632321	-1.58148	0.0203001	1.25703	1.25703	0.01805	1.2647	1.2647
cg02836479	UQCRC2	0.0382118	0.0613642	1.53556	1.53556	0.0561594	0.643971	-1.55286	0.792943	1.05499	1.05499	0.123901	1.40361	1.40361	0.437253	0.851084	-1.17497
cg06663648	UQCRC2	0.0415398	0.0119486	1.53513	1.53513	0.836829	0.972212	-1.02858	0.318383	1.15134	1.15134	0.712475	0.950674	-1.05189	0.922326	0.986761	-1.01342
cg03854665	UQCRC2	0.0444638	0.121239	0.514356	-1.94418	0.766466	1.12508	1.12508	0.525732	1.28973	1.28973	0.038319	0.386812	-2.58524	0.00371143	0.211981	-4.71741
cg19056700	UQCRFS1	3.51E-06	0.000246423	0.330039	-3.02994	5.43E-05	0.252349	-3.96276	2.35E-05	0.213026	-4.69425	0.785939	0.951383	-1.0511	0.32486	0.830169	-1.20457
cg00030423	UQCRFS1	0.000536972	0.393453	0.787156	-1.2704	0.320105	0.754534	-1.32532	0.143546	0.648218	-1.54269	0.0761424	0.578474	-1.72869	1.77E-05	0.0666624	-15.001
cg17370272	UQCRFS1	0.0014514	0.020735	0.430152	-2.32476	0.00463611	0.319481	-3.13008	0.0012745	0.240826	-4.15238	0.329477	1.35649	1.35649	0.0014396	0.247661	-4.03777
cg02905964	UQCRFS1	0.00182937	0.795822	0.985512	-1.0147	0.0446375	1.13855	1.13855	0.99691	0.999782	-1.00022	0.316831	1.05997	1.05997	0.0275622	1.15795	1.15795
cg16700555	UQCRFS1	0.00225582	0.0318465	0.531258	-1.88232	0.00322968	2.74627	2.74627	0.0244664	1.96201	1.96201	0.524069	1.17626	1.17626	0.0106202	0.445808	-2.24312
cg05516285	UQCRFS1	0.00509197	0.0103849	0.345222	-2.89668	0.000917368	0.19546	-5.11613	0.53058	0.811119	-1.23287	0.457012	1.28352	1.28352	0.0642662	0.504029	-1.98401
cg03657045	UQCRFS1	0.00812388	0.0541483	0.618392	-1.6171	0.00953388	0.485753	-2.05866	0.0314892	1.74149	1.74149	0.660275	0.907312	-1.10216	0.138348	1.42031	1.42031
cg21255626	UQCRFS1	0.00889486	0.887178	0.983199	-1.01709	0.260428	0.869271	-1.15039	0.470153	0.91604	-1.09166	0.519487	0.925023	-1.08105	0.599882	0.938778	-1.06521
cg27565368	UQCRFS1	0.046984	0.00847811	0.238119	-4.19958	0.061829	0.407354	-2.45487	0.197108	0.558628	-1.7901	0.503368	0.748266	-1.33642	0.0108395	0.255049	-3.92081
cg00815440	UQCRFS1;UQCRFS1	0.0359493	?	?	?	0.0148249	20.4515	20.4515	0.00620228	36.3364	36.3364	0.953942	1.05988	1.05988	?	?	?
cg02852174	UQCRH	0.00177289	0.0356372	0.647771	-1.54376	0.00033645	0.358263	-2.79125	0.00095908	0.417532	-2.39502	0.986696	0.997044	-1.00296	0.0182169	0.601113	-1.66358
cg03728499	UQCRHL	0.00251615	0.0169468	0.918982	-1.08816	0.0393382	1.07161	1.07161	0.00932748	0.908766	-1.10039	0.109785	1.05187	1.05187	0.0227346	0.92395	-1.08231
cg09768821	UQCRHL	0.00265428	0.0143887	0.533922	-1.87293	0.736363	0.932128	-1.07281	0.000956693	0.359325	-2.78299	0.00125757	0.375477	-2.66328	0.000957224	0.359358	-2.78274
cg11650974	UQCRHL	0.0246773	0.138938	0.781838	-1.27904	0.00803952	0.591753	-1.68989	0.00486692	0.561687	-1.78035	0.374058	0.868503	-1.15141	0.853661	0.971873	-1.02894
cg04898518	UQCRHL;UQCRHL	0.000288139	0.00136946	0.360163	-2.77652	0.00456769	0.435899	-2.29411	0.000590735	0.311358	-3.21173	0.000995798	0.341281	-2.93013	0.000109681	0.223706	-4.47015
cg03211936	UQCRHL;UQCRHL	0.00406324	0.166762	1.10097	1.10097	0.239297	0.922739	-1.08373	0.019184	0.831187	-1.2031	0.0128888	0.817531	-1.22319	0.597697	0.965848	-1.03536
cg21592001	UQCRQ	0.0227063	0.648723	0.972971	-1.02778	0.854788	1.01101	1.01101	0.00237963	1.28798	1.28798	0.0393607	1.15305	1.15305	0.0881783	1.11897	1.11897
cg20659485	UQCRQ	0.0311453	0.413006	0.820446	-1.21885	0.0767206	1.59285	1.59285	0.114079	0.665996	-1.50151	0.845948	1.04707	1.04707	0.0366873	0.563266	-1.77536
cg07697006	UQCRQ;UQCRQ	0.0366515	0.0201019	0.593434	-1.68511	0.715014	0.934035	-1.07062	0.171318	1.31133	1.31133	0.0220432	0.599891	-1.66697	0.137839	0.742779	-1.34629
cg27648095	URB1	0.0124092	0.00128462	0.287206	-3.48182	0.335218	0.767846	-1.30234	0.260764	0.732137	-1.36586	0.9028	1.03301	1.03301	0.0236944	0.487791	-2.05006
cg21072629	URB1;C21orf119	0.0118736	0.0174189	0.293297	-3.40951	0.0585565	0.404372	-2.47297	0.314843	1.55329	1.55329	0.621069	0.809671	-1.23507	0.0148692	0.281022	-3.55844
cg23846400	URB1;MRAP	0.0211085	0.00447448	0.160491	-6.2309	0.00556155	0.172415	-5.79996	0.287415	0.586786	-1.7042	0.0120608	0.220724	-4.53054	0.635958	0.794428	-1.25877
cg03746929	URB1;MRAP;MRAP	0.0347077	0.426712	0.657571	-1.52075	0.75362	0.849899	-1.17661	0.0143191	0.210156	-4.75836	0.0995123	0.393545	-2.54101	0.00706369	0.165578	-6.03947
cg15551656	URB2	0.000279518	0.000463071	0.367898	-2.71814	0.385292	1.17535	1.17535	0.00240814	0.464252	-2.154	0.00150373	0.435928	-2.29396	9.46E-06	0.176595	-5.66267
ch.1.4511733R	URB2	0.0270825	0.00449875	0.165434	-6.0447	0.0289058	0.294099	-3.40022	?	?	?	0.00546924	0.176261	-5.67341	0.26877	0.578559	-1.72843
cg25844211	URB2;TAF5L;TAF5L	0.000658482	0.00607306	0.542572	-1.84307	0.00732389	0.554305	-1.80406	0.00531378	0.534268	-1.87172	0.151248	1.30011	1.30011	0.00146408	0.456564	-2.19028
cg12048310	URB2;TAF5L;TAF5L;URB2	0.00164719	0.728412	0.925384	-1.08063	0.108159	0.677118	-1.47685	0.71311	0.921132	-1.08562	0.492739	1.16763	1.16763	0.292352	1.2751	1.2751
cg17534747	URGCP	0.00169246	0.190206	0.821968	-1.21659	0.00339448	1.75563	1.75563	0.689716	1.05835	1.05835	0.783014	1.03978	1.03978	0.00369402	0.574382	-1.741
cg08084737	URGCP;UBE2D4	0.000442926	0.0658892	0.801984	-1.24691	0.000438926	0.552174	-1.81102	0.14101	0.844254	-1.18448	0.000321354	0.536624	-1.8635	0.0487182	0.786054	-1.27218
cg13529064	URGCP;URGCP;URGCP	7.90E-05	0.215045	0.761648	-1.31294	0.642658	0.907119	-1.10239	0.0170777	0.545215	-1.83414	0.0679656	1.53186	1.53186	1.31E-05	0.148374	-6.73973
cg06682445	URGCP;URGCP;URGCP	0.000198797	0.00138233	0.29073	-3.43962	0.246598	0.724149	-1.38093	0.0238874	0.487713	-2.05038	5.44E-05	0.134899	-7.41297	1.60E-05	0.0934669	-10.699
cg16695548	URGCP;URGCP;URGCP	0.00188802	0.112085	1.59265	1.59265	0.00161131	3.37526	3.37526	0.000817746	3.8844	3.8844	0.00111198	3.6409	3.6409	0.907513	0.969221	-1.03176
cg26161795	URGCP;URGCP;URGCP	0.00291026	0.614907	0.935578	-1.06886	0.00238011	1.74376	1.74376	0.00223646	1.75411	1.75411	0.50862	1.09202	1.09202	0.0208568	0.694154	-1.4406
cg03257739	URGCP;URGCP;URGCP	0.00321152	0.466903	0.887511	-1.12675	0.00102009	2.19269	2.19269	0.12104	0.762617	-1.31127	0.324354	0.848689	-1.17829	0.0637943	0.714713	-1.39916
cg26740644	URGCP;URGCP;URGCP	0.0121614	0.083192	0.799605	-1.25062	0.005195	1.53738	1.53738	0.0148897	1.41794	1.41794	0.017357	0.713334	-1.40187	0.438583	1.0965	1.0965
cg27180994	URGCP;URGCP;URGCP	0.0258644	0.389101	0.82614	-1.21045	0.614518	0.895934	-1.11615	0.215428	0.754165	-1.32597	0.152497	0.717758	-1.39323	0.156779	0.720562	-1.38781
cg16418630	URM1;URM1	0.0104461	0.755657	1.04034	1.04034	0.0177963	1.44056	1.44056	0.802773	1.03221	1.03221	0.157776	0.825844	-1.21088	0.0493085	1.32877	1.32877
cg13654376	URM1;URM1	0.0190772	0.0197367	0.680792	-1.46888	0.32698	1.14819	1.14819	0.0465597	1.36513	1.36513	0.0216789	1.45704	1.45704	0.0151222	0.665234	-1.50323
cg00577527	UROC1;UROC1	0.00103602	0.0753126	0.717821	-1.39311	0.0277758	0.646971	-1.54566	0.000540453	0.406267	-2.46143	0.000328995	0.378653	-2.64094	0.000215053	0.355476	-2.81313
cg01158094	UROC1;UROC1	0.00147526	0.168149	0.678228	-1.47443	0.0526707	0.558604	-1.79018	0.000297051	0.210774	-4.74442	0.50468	1.19598	1.19598	0.00108821	0.279612	-3.57639
cg01966522	UROC1;UROC1	0.00366704	0.691606	0.9534	-1.04888	0.110272	0.811949	-1.2316	0.964026	0.994616	-1.00541	0.243075	1.15743	1.15743	0.192004	0.847638	-1.17975
cg17676574	UROC1;UROC1	0.00664917	0.0511061	0.6722	-1.48765	0.0303019	0.634245	-1.57668	0.000265844	0.342812	-2.91705	0.272211	0.815179	-1.22672	0.0927108	0.718361	-1.39206
cg08027748	UROC1;UROC1	0.00788304	0.29993	0.885696	-1.12906	0.0110999	0.697816	-1.43304	0.000255194	0.506277	-1.9752	0.568969	0.937024	-1.06721	0.928374	0.989892	-1.01021
cg12813547	UROC1;UROC1	0.0305088	0.367383	0.878605	-1.13817	0.0295083	0.698901	-1.43082	0.00569978	0.602449	-1.65989	0.847743	1.02723	1.02723	0.491128	0.906879	-1.10268
cg06206218	UROD	0.0289155	0.0080132	0.44642	-2.24004	0.836072	1.05041	1.05041	0.8544	0.957334	-1.04457	0.90064	0.970787	-1.03009	0.00690552	0.436063	-2.29324
cg20599096	UROD;HECTD3	7.32E-06	0.0046155	0.883086	-1.13239	4.15E-05	1.29376	1.29376	0.000135991	1.24336	1.24336	0.0116039	0.901152	-1.10969	0.00116662	1.17027	1.17027
cg10882886	UROS	0.0228336	0.167575	0.688912	-1.45156	0.987169	0.995934	-1.00408	0.493388	0.838441	-1.19269	0.964426	0.988765	-1.01136	0.00043719	0.244686	-4.08688
cg15504041	UROS	0.0389175	0.979878	1.00515	1.00515	0.575804	1.12213	1.12213	0.0689357	1.51422	1.51422	0.705281	1.08053	1.08053	0.0126973	1.88013	1.88013
cg03170318	USE1	8.00E-05	0.000251283	2.83445	2.83445	2.31E-05	0.232115	-4.3082	0.295479	0.829273	-1.20588	3.95E-05	0.257522	-3.88316	0.373443	0.85414	-1.17077
cg13430439	USE1	0.000693659	2.74E-05	0.341716	-2.92641	0.931185	1.01128	1.01128	0.0212247	1.43275	1.43275	0.00491352	0.616438	-1.62222	0.097968	1.26576	1.26576
cg27483261	USE1	0.000962886	0.000571304	0.520496	-1.92124	0.000492872	0.511126	-1.95647	0.128537	0.840515	-1.18975	0.00551684	0.659137	-1.51713	0.641386	1.04952	1.04952
cg01861031	USE1	0.00207281	0.00694546	0.686395	-1.45689	0.958424	1.00563	1.00563	0.258279	1.13551	1.13551	0.0288661	0.757582	-1.31999	0.00128849	0.603275	-1.65762
cg13501085	USE1	0.00907769	0.00217309	0.500991	-1.99605	0.512502	0.898771	-1.11263	0.851131	0.970264	-1.03065	0.770684	0.954125	-1.04808	0.00647549	0.566243	-1.76603
cg10359030	USE1	0.00925021	0.364244	0.90477	-1.10525	0.11259	1.2037	1.2037	0.182791	1.16386	1.16386	0.518833	1.07272	1.07272	0.000570079	1.77313	1.77313
cg10701110	USF1;ARHGAP30;ARHGAP30;USF1	0.0125302	0.0603324	0.458028	-2.18327	0.129245	0.546497	-1.82983	0.0889697	0.500848	-1.99661	0.00269178	0.21683	-4.61192	0.00061294	0.142992	-6.9934
cg18646186	USF1;USF1	0.0139204	0.0155394	0.608588	-1.64315	0.0145493	1.65477	1.65477	0.58681	0.912261	-1.09618	0.348328	0.8508	-1.17536	0.005351	0.541245	-1.84759
cg20247161	USF1;USF1	0.0145374	0.345283	0.781884	-1.27896	0.137249	1.49956	1.49956	0.0916899	1.60009	1.60009	0.456974	0.825512	-1.21137	0.00135745	0.308088	-3.24583
cg11514184	USF1;USF1	0.0159181	0.195559	0.75998	-1.31582	0.201385	0.762976	-1.31066	0.483147	1.15361	1.15361	0.308323	0.809432	-1.23543	0.384426	1.19579	1.19579
cg00551648	USF1;USF1	0.033346	0.610984	1.07065	1.07065	0.980191	1.00331	1.00331	0.302928	0.867621	-1.15258	0.847547	1.02594	1.02594	0.211977	1.1912	1.1912
cg21269709	USF1;USF1;USF1;USF1	0.0009657	0.345304	0.942429	-1.06109	0.877892	0.990664	-1.00942	0.0505944	1.14557	1.14557	0.000472022	1.39805	1.39805	0.00200439	1.30476	1.30476
cg04327593	USF2;USF2	0.000615456	0.00242931	0.532059	-1.87949	0.0109894	0.620647	-1.61122	7.08E-05	0.338436	-2.95477	0.00878515	0.607216	-1.64686	0.571696	1.08919	1.08919
cg09404256	USF2;USF2	0.000660109	0.00339083	2.40749	2.40749	0.000199101	0.239181	-4.18093	0.0197377	0.544104	-1.83789	0.9621	0.990083	-1.01002	0.0135539	0.515261	-1.94076
cg12095397	USF2;USF2	0.00148977	0.0021344	0.521075	-1.91911	0.000167337	0.379788	-2.63305	0.568172	1.09106	1.09106	0.356396	1.15409	1.15409	0.0383641	0.695918	-1.43695
cg19279529	USF2;USF2	0.00361993	0.599981	0.944627	-1.05862	0.00319338	1.54246	1.54246	0.0235334	1.338	1.338	0.427148	1.0912	1.0912	0.190256	0.861286	-1.16105
cg15770046	USF2;USF2	0.00407073	0.123808	0.729276	-1.37122	0.283775	1.23482	1.23482	0.00178147	0.430667	-2.32198	0.000562802	0.363233	-2.75305	0.00988719	0.539346	-1.8541
cg12252036	USF2;USF2	0.00892847	0.0254015	1.84518	1.84518	0.464067	0.842134	-1.18746	0.661186	1.10703	1.10703	0.000731102	0.306145	-3.26643	0.476184	0.846172	-1.18179
cg27563174	USF2;USF2	0.0112591	0.336386	0.897251	-1.11452	0.422796	1.09369	1.09369	0.0439117	1.28826	1.28826	0.0145267	1.39001	1.39001	0.413015	0.912524	-1.09586
cg23063900	USF2;USF2	0.0154021	0.612208	0.855992	-1.16823	0.545402	0.830155	-1.20459	0.579306	0.843378	-1.18571	0.0034629	0.299036	-3.34408	0.0222836	0.434664	-2.30063
cg23330575	USF2;USF2	0.0387564	0.645251	0.78518	-1.27359	0.124593	2.38084	2.38084	0.288599	1.77666	1.77666	?	?	?	0.00182007	0.0990577	-10.0951
cg02594940	USF2;USF2	0.0409741	0.41857	1.50292	1.50292	0.573339	1.32312	1.32312	0.00510003	0.149158	-6.7043	0.0563229	0.3387	-2.95246	?	?	?
cg09082823	USH1C;USH1C	0.000321112	0.1136	0.769498	-1.29955	0.132688	0.781205	-1.28007	0.0385001	0.694287	-1.44033	0.616604	1.07985	1.07985	1.21E-05	0.245079	-4.08032
cg00570628	USH1C;USH1C	0.000785002	0.0347512	0.521698	-1.91682	0.487504	0.82987	-1.20501	0.658484	0.88905	-1.1248	0.30431	1.32479	1.32479	9.16E-06	0.0791477	-12.6346
cg08469419	USH1C;USH1C	0.000886433	0.000598298	0.576019	-1.73606	0.0943627	1.21109	1.21109	0.0646561	0.805621	-1.24128	0.0128359	0.724812	-1.37967	0.968561	0.995904	-1.00411
cg15516832	USH1C;USH1C	0.00163802	0.62293	1.13811	1.13811	0.0203368	0.481875	-2.07523	0.0946894	1.6152	1.6152	0.915837	0.972783	-1.02798	3.00E-05	0.118637	-8.42905
cg02800711	USH1C;USH1C	0.00302429	0.0383644	1.50428	1.50428	0.178239	1.27558	1.27558	0.00769449	0.558368	-1.79093	0.284231	1.2084	1.2084	0.1268	0.755014	-1.32448
cg11041284	USH1C;USH1C	0.00873332	0.660081	0.93737	-1.06681	0.472655	1.11265	1.11265	0.00511033	0.582362	-1.71714	0.46558	1.11463	1.11463	0.905214	1.01756	1.01756
cg22043588	USH1C;USH1C	0.029864	0.036075	3.44074	3.44074	0.0273636	3.75497	3.75497	0.397757	1.55096	1.55096	0.237641	1.87205	1.87205	0.0562261	2.99202	2.99202
cg11762839	USH1C;USH1C;USH1C;USH1C	0.0127475	0.0584964	3.38276	3.38276	0.292262	1.86445	1.86445	0.867128	1.10017	1.10017	0.810319	1.14693	1.14693	0.235599	0.492305	-2.03126
cg07625131	USH1C;USH1C;USH1C;USH1C	0.031295	0.0214613	6.33214	6.33214	0.52077	1.5447	1.5447	0.926463	0.940195	-1.06361	0.371914	1.84487	1.84487	0.678946	0.757267	-1.32054
cg06697425	USH1G	0.0177617	0.0042243	0.447952	-2.23238	0.341922	0.8144	-1.2279	0.543059	0.878913	-1.13777	0.0315471	0.589411	-1.69661	0.00598486	0.470847	-2.12383
cg02641844	USH1G	0.0495829	0.296735	0.840122	-1.1903	0.930345	1.01418	1.01418	0.0127107	0.607367	-1.64645	0.683716	0.936172	-1.06818	0.0391428	0.68087	-1.46871
cg23218397	USH2A	2.81E-07	0.00182725	0.51417	-1.94488	6.31E-06	0.219865	-4.54824	6.07E-06	0.218142	-4.58417	0.000154087	0.377531	-2.64879	2.69E-07	0.101569	-9.84554
cg26036678	USH2A	0.00179491	0.489789	0.754532	-1.32532	0.0901864	0.472512	-2.11635	0.00126474	0.151232	-6.61237	0.00121759	0.149479	-6.68991	0.000864766	0.134332	-7.44426
cg05126581	USH2A	0.00224774	0.623232	1.15619	1.15619	0.00340808	0.311451	-3.21078	0.0150722	0.416644	-2.40013	0.467094	1.24221	1.24221	0.023101	0.451042	-2.21709
cg11191302	USH2A	0.00243786	0.0381712	1.62362	1.62362	0.00039541	0.320422	-3.12089	0.000975969	0.371787	-2.68971	0.208764	0.765459	-1.30641	0.00442013	0.464716	-2.15185
cg13376246	USH2A	0.00314291	0.00344626	0.496323	-2.01482	0.26781	0.815809	-1.22578	0.283286	1.21727	1.21727	0.0551769	0.681549	-1.46725	0.000393264	0.369391	-2.70716
cg19938149	USH2A	0.00546595	0.0436553	0.284865	-3.51044	0.160906	0.444495	-2.24974	0.0184562	0.212779	-4.69972	0.0385632	0.273224	-3.66	0.00373225	0.119981	-8.33466
cg14524956	USH2A	0.00667034	0.0132421	0.227224	-4.40095	0.513417	1.37697	1.37697	0.0935186	0.410541	-2.43581	0.368961	0.640596	-1.56105	0.00195897	0.120896	-8.27156
cg23615892	USH2A	0.00695348	0.0080915	0.334036	-2.99369	0.604953	1.18379	1.18379	0.0914119	0.548246	-1.824	0.0410332	0.466573	-2.14329	0.00375396	0.28225	-3.54296
cg05160563	USH2A	0.0152517	0.124048	0.457285	-2.18682	0.404987	0.670133	-1.49224	0.00301069	0.147955	-6.75879	0.0366892	0.319707	-3.12786	0.0128611	0.234297	-4.26808
cg13240962	USH2A;USH2A	0.000149221	0.00502129	0.250006	-3.9999	0.000819538	0.152071	-6.57588	0.000184286	0.0944185	-10.5911	0.0224215	0.360024	-2.77759	9.27E-05	0.0738869	-13.5342
cg08542181	USH2A;USH2A	0.000324416	0.443053	0.881203	-1.13481	0.115512	1.31874	1.31874	0.0332179	0.668626	-1.4956	0.0115724	1.66619	1.66619	0.000219861	0.369444	-2.70677
cg00972761	USH2A;USH2A	0.0102471	0.01584	1.7811	1.7811	0.0227593	0.587196	-1.70301	0.0604745	0.661358	-1.51204	0.524216	1.13434	1.13434	0.075339	0.67928	-1.47215
cg24766041	USHBP1	0.00015314	0.00157142	0.321045	-3.11483	4.36E-05	0.143612	-6.96322	0.227076	0.728116	-1.37341	0.930987	1.02191	1.02191	1.80E-05	0.111747	-8.94876
cg06910100	USHBP1	0.00272928	0.0923519	0.483161	-2.0697	0.00131327	0.15941	-6.27315	0.010418	0.281806	-3.54855	0.0189732	0.327766	-3.05096	0.000727919	0.13301	-7.51823
cg04459545	USHBP1	0.00820757	0.0156762	0.503685	-1.98537	0.158107	0.705124	-1.41819	0.0402486	0.577712	-1.73097	0.852221	0.957742	-1.04412	0.00047536	0.28073	-3.56214
cg12555369	USMG5	1.18E-06	0.0334831	1.31211	1.31211	7.88E-07	0.23478	-4.25931	0.0214056	0.739134	-1.35293	7.33E-05	0.454519	-2.20013	0.167217	1.17468	1.17468
cg24315770	USMG5;PDCD11;USMG5	0.0126904	0.709279	0.827059	-1.2091	0.0384065	3.37461	3.37461	0.0182679	4.27353	4.27353	0.532006	1.37843	1.37843	0.00269285	0.122146	-8.18691
cg13551894	USO1	0.000194947	0.0582575	0.80725	-1.23877	0.000598766	1.69868	1.69868	0.00266929	1.51518	1.51518	0.00012822	0.5136	-1.94704	0.00693533	0.705003	-1.41843
cg02170290	USO1	0.00228194	0.0182062	0.343905	-2.90778	0.149853	1.75645	1.75645	0.160458	1.72764	1.72764	0.000139306	0.0738095	-13.5484	?	?	?
cg02482946	USO1	0.00266789	0.152861	1.11474	1.11474	0.00118009	0.7135	-1.40154	0.392301	0.939716	-1.06415	0.0475762	1.1744	1.1744	0.0238211	1.21089	1.21089
cg27162881	USO1	0.0200537	0.0063144	0.0666616	-15.0011	0.568783	1.4881	1.4881	0.121482	0.304518	-3.28387	0.399792	1.81781	1.81781	0.575008	1.47836	1.47836
cg16239117	USO1	0.0267091	0.354683	0.896755	-1.11513	0.233464	1.15369	1.15369	0.015241	1.40643	1.40643	0.463486	0.918143	-1.08916	0.90593	1.01362	1.01362
cg26943399	USO1;USO1	0.0138613	0.408901	0.892502	-1.12045	0.565118	1.08145	1.08145	0.179751	0.825435	-1.21148	0.737375	1.04636	1.04636	0.320607	1.14818	1.14818
cg11223816	USO1;USO1	0.0212392	0.0594575	0.778362	-1.28475	0.43917	0.91126	-1.09738	0.00483813	1.55293	1.55293	0.0864585	1.24989	1.24989	0.00887067	1.48035	1.48035
cg07695272	USP10	9.70E-05	0.00579086	0.51256	-1.95099	0.000221345	0.32067	-3.11847	0.185841	0.771554	-1.29609	0.00144965	2.34143	2.34143	0.00567865	0.511308	-1.95577
cg20999813	USP10	0.000223579	0.0815258	0.856977	-1.16689	0.0521131	1.19318	1.19318	0.0173203	0.793171	-1.26076	0.000188577	0.604436	-1.65444	0.199982	1.11431	1.11431
cg04431002	USP10	0.000732727	0.12729	0.646122	-1.5477	0.74027	0.915657	-1.09211	0.422962	0.805108	-1.24207	0.305169	0.754848	-1.32477	6.63E-05	0.144086	-6.94031
cg00908027	USP10	0.000765885	?	?	?	0.00671559	0.201014	-4.97477	3.55E-05	0.0262112	-38.1516	0.381306	0.663763	-1.50656	0.000532602	0.0853502	-11.7164
cg02967198	USP10	0.00165675	0.737032	0.95346	-1.04881	0.0175108	0.664376	-1.50517	0.0112726	0.638346	-1.56655	0.0546443	0.734718	-1.36107	0.000514697	0.46462	-2.1523
cg01647942	USP10	0.00455902	0.310309	0.751857	-1.33004	0.00863418	0.402646	-2.48357	0.00160544	0.292491	-3.41891	0.288868	1.34866	1.34866	0.0496609	0.544243	-1.83741
cg07700920	USP10	0.00736027	0.377477	0.797378	-1.25411	0.000381899	0.242149	-4.12969	0.0321727	0.533989	-1.8727	0.227949	0.728748	-1.37222	0.281558	0.755919	-1.32289
cg02235941	USP10	0.00771232	0.0542911	0.625907	-1.59768	0.00329036	2.36124	2.36124	0.00407893	0.437362	-2.28643	0.947506	1.01423	1.01423	0.703633	1.08546	1.08546
cg06536619	USP10	0.00857431	0.355196	0.702202	-1.42409	0.000908864	0.158169	-6.32235	0.482824	1.30359	1.30359	0.00131831	0.176013	-5.68141	0.0573835	0.449775	-2.22333
cg07647771	USP10	0.0168653	0.177954	0.721725	-1.38557	0.0459056	1.68417	1.68417	0.508534	1.16509	1.16509	0.0262674	0.548536	-1.82303	0.00307499	0.397234	-2.51741
cg00304695	USP10	0.017001	0.0048287	0.630643	-1.58568	0.285432	1.14662	1.14662	0.34833	1.12645	1.12645	0.8751	1.01959	1.01959	0.873711	0.980576	-1.01981
cg01272937	USP10	0.0224308	0.0133461	0.063853	-15.661	0.0485559	0.13233	-7.55686	0.0300099	0.101153	-9.88601	0.0482899	0.131925	-7.58004	0.00206583	0.0203594	-49.1173
cg01007262	USP10	0.0404276	0.0611201	0.661226	-1.51234	0.766477	1.06012	1.06012	0.902278	0.976209	-1.02437	0.280652	0.802667	-1.24585	0.0139586	0.551467	-1.81335
cg07464229	USP11	0.000114679	?	?	?	0.00105035	2.70484	2.70484	0.000415228	0.316783	-3.15674	0.00028993	0.297242	-3.36427	2.48E-05	0.178874	-5.59052
cg14699257	USP11	0.037955	0.0792614	0.149146	-6.70484	0.164844	0.237397	-4.21236	0.266004	3.06703	3.06703	0.0804667	0.150567	-6.64158	0.0693623	0.13716	-7.29075
cg22328457	USP11	0.0418728	0.792427	1.15746	1.15746	0.0113221	0.172329	-5.80287	0.0363521	0.259491	-3.85369	0.487094	0.676056	-1.47917	0.0477464	0.285046	-3.5082
cg23855257	USP12	0.000901049	0.000126307	0.441459	-2.26522	0.0459959	0.755651	-1.32336	0.40564	1.10986	1.10986	0.000354923	0.495295	-2.019	0.0227891	0.716158	-1.39634
cg16678346	USP12	0.00136706	0.519004	0.794631	-1.25845	2.39E-05	0.0516959	-19.3435	0.892532	1.04868	1.04868	0.93516	0.971795	-1.02902	0.281094	0.674406	-1.48279
cg14258418	USP12	0.00392664	0.0032741	0.110612	-9.04063	0.00128822	0.0760136	-13.1555	0.058564	0.309189	-3.23427	0.96693	1.02303	1.02303	0.00174931	0.0862484	-11.5944
cg13252580	USP12	0.00507388	0.268892	1.30329	1.30329	0.0143862	2.04066	2.04066	0.712091	1.0885	1.0885	0.146576	1.43355	1.43355	0.644735	1.11211	1.11211
cg05984045	USP12	0.00512722	0.00398795	0.261598	-3.82265	0.0190844	0.374208	-2.67231	0.0013253	0.198326	-5.04221	0.143162	1.72488	1.72488	0.00134507	0.1991	-5.0226
cg05244153	USP12	0.00698473	0.00320401	0.353786	-2.82657	0.491692	0.834966	-1.19765	0.543422	1.17215	1.17215	0.694947	1.10714	1.10714	0.49383	0.835732	-1.19656
cg01517521	USP12	0.0113396	?	?	?	0.0820997	3.35367	3.35367	0.541604	1.45552	1.45552	?	?	?	0.00627823	0.0920611	-10.8623
cg27288021	USP12	0.0121462	0.0796678	0.48275	-2.07146	0.0300473	0.384655	-2.59973	0.0240215	0.364993	-2.73977	0.708385	0.868773	-1.15105	0.00361976	0.228937	-4.36802
cg11756873	USP12	0.0144939	0.00236668	0.317498	-3.14963	0.308841	0.752011	-1.32977	0.0376209	0.520677	-1.92058	0.535272	1.18518	1.18518	0.00218272	0.312495	-3.20006
cg21480982	USP12	0.0344055	0.695357	1.03629	1.03629	0.968938	0.996479	-1.00353	0.5048	1.06322	1.06322	0.1829	1.13658	1.13658	0.215213	1.12543	1.12543
cg05373792	USP12	0.0463723	0.1452	0.553818	-1.80565	0.144182	0.552867	-1.80875	0.131856	0.540973	-1.84852	0.00633643	3.82905	3.82905	0.332435	0.685436	-1.45893

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04462334	0.00359296	1.51613	1.51613	0.213356	1.14833	1.14833	0.148943	1.17747	1.17747	0.00539038	0.679323	-1.47205	11.7929	2.08061	0.156826	1
cg22313024	0.143171	0.826139	-1.21045	0.311501	0.880646	-1.13553	0.383202	0.897138	-1.11466	0.00206042	1.69365	1.69365	5.64358	1.31704	0.207439	1
cg06079273	0.0661153	1.38683	1.38683	0.0195077	0.638999	-1.56495	0.844543	1.03163	1.03163	0.0166847	1.58976	1.58976	4.36118	1.73824	0.354286	1
cg20787634	0.81439	0.943216	-1.0602	0.916971	0.974411	-1.02626	0.168627	0.694447	-1.43999	0.867509	1.04238	1.04238	4.07826	3.99125	0.869924	1
cg17466891	0.00264199	0.339805	-2.94286	0.109074	0.635507	-1.57355	0.000252751	0.209084	-4.78278	0.13083	0.654916	-1.52691	6.99431	7.45565	0.947519	1
cg06049972	0.153142	1.36732	1.36732	0.0256249	0.58145	-1.71984	0.395089	0.836839	-1.19497	0.412137	0.842408	-1.18707	4.07855	2.70159	0.58879	1
cg10491993	0.65899	0.964341	-1.03698	0.000537051	1.55316	1.55316	0.530513	1.05332	1.05332	0.13261	1.14188	1.14188	11.5086	1.21837	0.0941028	1
cg02836479	0.00783611	0.49939	-2.00244	0.464304	1.16363	1.16363	0.0849163	1.47352	1.47352	0.754611	1.06588	1.06588	3.74551	2.45601	0.582862	1
cg06663648	0.146046	1.2377	1.2377	0.0122554	0.652869	-1.5317	0.0716267	0.759656	-1.31639	0.560864	1.08368	1.08368	3.63212	1.07427	0.262905	1
cg03854665	0.0175975	0.318874	-3.13603	0.335774	0.675194	-1.48106	0.766102	0.888654	-1.1253	0.943766	1.02831	1.02831	3.54137	8.78217	2.20434	1
cg19056700	0.00540656	0.51155	-1.95484	1.36E-07	0.0477022	-20.9634	0.000159375	0.30681	-3.25935	4.41E-06	0.144246	-6.9326	53.1792	28.2288	0.471845	1
cg00030423	0.00580661	0.357086	-2.80045	0.0130063	2.38763	2.38763	0.695533	1.11334	1.11334	0.0235949	2.1351	2.1351	17.3934	20.0659	0.897285	1
cg17370272	0.0162302	0.410379	-2.43677	0.0006556	0.205554	-4.86489	0.0154668	0.406575	-2.45957	0.0013543	0.244219	-4.09469	10.5794	15.3791	1.29216	1
cg02905964	0.00349312	0.800102	-1.24984	0.000152202	0.693749	-1.44144	0.127632	1.09714	1.09714	0.225973	1.07418	1.07418	9.8952	0.496379	0.0445899	1
cg16700555	0.0364922	0.542708	-1.84261	0.00857381	0.43037	-2.32358	0.00695325	2.40619	2.40619	0.2779	0.752982	-1.32805	9.30875	9.32097	0.890055	1
cg05516285	0.0678125	0.509614	-1.96227	0.000968435	0.198215	-5.04504	0.0139299	0.367516	-2.72097	0.911274	1.03742	1.03742	7.29785	12.551	1.52873	1
cg03657045	0.0025337	0.397896	-2.51322	0.0994017	0.672207	-1.48764	0.0380581	0.589314	-1.69689	0.269874	1.28745	1.28745	6.31353	4.83575	0.680831	1
cg21255626	0.349637	0.891444	-1.12178	0.000124553	0.45014	-2.22153	0.150651	0.832053	-1.20185	0.139081	1.20928	1.20928	6.1352	1.38423	0.200552	1
cg27565368	0.0893547	0.449381	-2.22528	0.0111438	0.257016	-3.89081	0.290588	0.626042	-1.59734	0.362377	0.670474	-1.49148	3.46886	10.0177	2.56702	1
cg00815440	0.819149	0.794081	-1.25932	?	?	?	0.899658	1.13542	1.13542	0.353398	0.382383	-2.61518	4.06855	43.5425	14.2696	1
cg02852174	0.898127	0.977514	-1.023	0.000744015	0.402888	-2.48208	0.070538	0.698468	-1.4317	0.00413517	0.505228	-1.9793	9.98562	4.9861	0.443847	1
cg03728499	0.203338	1.03972	1.03972	0.00030333	0.843389	-1.18569	0.117625	0.951894	-1.05054	0.113553	0.951276	-1.05122	9.01494	0.120159	0.0118479	1
cg09768821	0.0166769	0.544493	-1.83657	0.00516891	0.463973	-2.1553	0.0656188	0.650669	-1.53688	0.00931026	0.503497	-1.98611	8.87403	6.08053	0.609071	1
cg11650974	0.05817	0.718331	-1.39212	0.601535	0.921816	-1.08482	0.0462795	0.70274	-1.423	0.00567388	0.570818	-1.75187	4.37695	1.65503	0.336109	1
cg04898518	0.48278	0.854846	-1.1698	4.44E-05	0.182566	-5.47747	0.00674784	0.461998	-2.16451	0.00598825	0.453923	-2.20301	16.6327	12.7345	0.680562	1
cg03211936	0.0955159	0.887372	-1.12692	0.000185602	0.662401	-1.50966	0.188235	1.09524	1.09524	0.37077	1.0618	1.0618	7.81544	0.527004	0.0599388	1
cg21592001	0.0846421	1.12069	1.12069	0.335729	0.942418	-1.0611	0.0792441	0.89011	-1.12346	0.414375	0.951372	-1.05111	4.50475	0.254669	0.0502518	1
cg20659485	0.035701	0.561012	-1.78249	0.0857263	0.638201	-1.56691	0.0167715	1.99422	1.99422	0.849448	1.04596	1.04596	4.0327	3.57139	0.787207	1
cg07697006	0.00598013	0.512393	-1.95163	0.720918	0.935426	-1.06903	0.0717686	0.687906	-1.45369	0.751876	0.942683	-1.0608	3.80295	2.08579	0.487527	1
cg27648095	0.00762641	0.401755	-2.48908	0.143884	0.658761	-1.518	0.240593	1.38623	1.38623	0.0141893	0.447389	-2.23519	5.51311	6.16987	0.994779	1
cg21072629	0.042804	0.372367	-2.68552	0.00348718	0.186471	-5.36276	0.00673577	0.225696	-4.43074	0.0168092	0.290495	-3.44239	5.59268	15.9011	2.52729	1
cg23846400	0.0821991	0.394823	-2.53278	0.0339437	0.302738	-3.30318	0.0679698	0.372844	-2.68209	0.022058	0.265778	-3.76254	4.6189	17.0397	3.27923	1
cg03746929	0.0282152	0.262267	-3.81291	0.0089912	0.179815	-5.56126	0.365475	0.618604	-1.61654	0.0624109	0.338467	-2.9545	3.87888	16.3906	3.75608	1
cg15551656	0.270745	0.812089	-1.23139	0.882866	0.973593	-1.02712	0.511585	0.886172	-1.12845	0.0274437	0.622826	-1.60558	16.7713	8.75212	0.463866	1
ch.1.4511733R	0.083388	0.402309	-2.48565	0.0377499	0.318286	-3.14182	0.308678	0.606189	-1.64965	0.394237	0.660615	-1.51374	4.30991	13.6952	3.1776	1
cg25844211	0.0233096	0.629626	-1.58824	0.0693103	1.41451	1.41451	0.00115951	2.25764	2.25764	0.0229474	1.59092	1.59092	13.2356	6.10512	0.410014	1
cg12048310	0.85433	1.04173	1.04173	2.50E-05	0.155197	-6.44342	0.0535216	1.62873	1.62873	0.37533	0.816762	-1.22435	10.2004	7.99471	0.696677	1
cg17534747	0.000330976	0.440887	-2.26816	0.045507	0.723169	-1.3828	0.777835	1.04078	1.04078	0.00625575	0.604419	-1.65448	10.1208	3.20104	0.281141	1
cg08084737	5.30E-05	0.446138	-2.24146	0.00136505	0.608396	-1.64366	0.000748065	0.578665	-1.72812	0.450168	0.921012	-1.08576	14.7784	2.67643	0.160982	1
cg13529064	0.000123405	0.247326	-4.04324	2.23E-05	0.169544	-5.89817	0.939515	1.01596	1.01596	0.00240345	0.413872	-2.41621	23.5796	16.2541	0.612738	1
cg06682445	0.823788	0.942321	-1.06121	0.0123885	0.436361	-2.29168	0.0664354	1.73037	1.73037	0.0427415	0.537228	-1.86141	18.4013	20.6804	0.998987	1
cg16695548	0.390562	1.26701	1.26701	0.105042	0.620975	-1.61037	0.271424	1.36067	1.36067	0.00135431	3.49611	3.49611	9.80492	11.2366	1.01868	1
cg26161795	0.302795	0.869248	-1.15042	0.00535274	1.61858	1.61858	0.00498685	1.62885	1.62885	0.0821673	1.28764	1.28764	8.63561	2.35699	0.242612	1
cg03257739	0.0692103	0.720582	-1.38777	0.00140755	2.10714	2.10714	0.0903071	0.740172	-1.35104	0.143758	0.776315	-1.28814	8.38647	3.45118	0.365793	1
cg26740644	0.353644	1.1177	1.1177	0.204625	0.855499	-1.16891	0.106896	1.22781	1.22781	0.111618	1.2239	1.2239	5.54938	1.19488	0.191394	1
cg27180994	0.0911301	0.668536	-1.49581	0.00373991	0.428633	-2.333	0.011371	1.98505	1.98505	0.208847	0.750758	-1.33199	4.30593	3.19326	0.659197	1
cg16418630	0.0059795	0.634302	-1.57654	0.00336986	0.60337	-1.65736	0.481347	0.913314	-1.09491	0.460202	0.909138	-1.09994	5.82854	1.48163	0.225958	1
cg13654376	0.904609	1.01651	1.01651	0.0469431	1.36418	1.36418	0.410946	0.891533	-1.12166	0.976768	0.996032	-1.00398	4.7805	1.4118	0.262511	1
cg00577527	0.0872064	0.728934	-1.37187	0.0435764	0.678077	-1.47476	0.00081395	0.429476	-2.32842	0.113568	0.749563	-1.33411	11.649	5.17142	0.394611	1
cg01158094	0.00166741	0.304604	-3.28295	0.000975633	0.273406	-3.65756	0.0256566	0.496232	-2.01519	0.0121602	0.437732	-2.2845	10.5299	11.6546	0.983838	1
cg01966522	0.61045	1.06342	1.06342	0.000135344	2.20542	2.20542	0.0106797	1.46832	1.46832	0.125972	0.820231	-1.21917	8.06042	1.8288	0.201677	1
cg17676574	0.0942477	0.719691	-1.38949	0.241103	0.802991	-1.24534	0.00174964	0.450402	-2.22024	0.0469792	0.665946	-1.50162	6.72185	3.40341	0.450063	1
cg08027748	0.109952	0.821295	-1.21759	0.847552	1.02199	1.02199	0.0397712	0.764439	-1.30815	0.0117771	0.700849	-1.42684	6.3736	1.28883	0.179746	1
cg12813547	0.127185	1.2593	1.2593	0.0243036	1.45532	1.45532	0.347505	0.873542	-1.14477	0.705563	0.94833	-1.05449	4.06247	1.25694	0.275025	1
cg06206218	0.0118624	0.474454	-2.10769	0.0180765	0.505829	-1.97695	0.634612	0.89258	-1.12035	0.411203	0.819176	-1.22074	4.1405	3.69461	0.793164	1
cg20599096	2.69E-05	1.31449	1.31449	0.00130234	0.856878	-1.16703	0.000231106	0.8174	-1.22339	2.06E-05	1.32797	1.32797	43.9892	0.757996	0.0153168	1
cg10882886	0.220841	0.721768	-1.38549	0.146735	1.48373	1.48373	0.913108	0.972727	-1.02804	0.607504	0.877001	-1.14025	4.49609	4.56981	0.903462	1
cg15504041	0.935541	0.983647	-1.01662	0.380633	1.20119	1.20119	0.00179512	2.47303	2.47303	0.662185	0.914285	-1.09375	3.72048	2.44834	0.584952	1
cg03170318	0.10796	1.35344	1.35344	0.40478	0.863214	-1.15846	0.0696241	1.41929	1.41929	0.151891	1.30329	1.30329	23.4969	11.0808	0.419187	1
cg13430439	0.318832	1.14311	1.14311	0.140916	1.22826	1.22826	0.710655	1.04957	1.04957	0.129462	1.23699	1.23699	13.0442	3.48199	0.237279	1
cg27483261	0.00120846	0.567448	-1.76228	0.00095614	0.552883	-1.8087	0.000258582	0.469837	-2.1284	0.732399	1.03596	1.03596	18.9415	3.01857	0.106242	1
cg01861031	0.587093	0.942636	-1.06085	0.000139752	0.492307	-2.03125	0.04317	0.778314	-1.28483	0.0211921	0.741917	-1.34786	9.54189	1.75412	0.163407	1
cg13501085	0.878995	0.975819	-1.02478	0.000711524	0.436748	-2.28965	0.106695	0.753514	-1.32711	0.17238	0.791865	-1.26284	6.09572	2.49235	0.363439	1
cg10359030	0.995806	0.999436	-1.00056	0.00747959	0.691011	-1.44716	0.85245	0.980214	-1.02019	0.280422	1.12798	1.12798	6.05936	1.10561	0.162189	1
cg10701110	0.573297	0.810776	-1.23339	0.110248	0.526457	-1.89949	0.175243	0.587806	-1.70124	0.0415576	0.42056	-2.37778	5.49573	11.8256	1.91269	1
cg18646186	0.0320728	0.656905	-1.52229	0.0329873	0.658834	-1.51783	0.506192	1.11949	1.11949	0.355828	0.85305	-1.17226	5.30982	2.35499	0.394236	1
cg20247161	0.00574817	0.399997	-2.50002	0.782972	0.932494	-1.07239	0.84013	1.05246	1.05246	0.588968	0.871023	-1.14808	5.23457	5.31201	0.902039	1
cg11514184	0.000705768	0.355197	-2.81534	0.107249	0.702921	-1.42263	0.296872	0.805046	-1.24217	0.0480098	1.57334	1.57334	5.07965	3.23435	0.565979	1
cg00551648	0.0107153	0.652609	-1.53231	0.00628427	0.622692	-1.60593	0.382322	0.887609	-1.12662	0.0190554	0.685471	-1.45885	3.93527	1.10366	0.249291	1
cg21269709	0.00303898	1.28111	1.28111	0.00811418	0.813206	-1.2297	0.970719	0.997763	-1.00224	0.00127741	1.33184	1.33184	11.8835	0.700414	0.0523912	1
cg04327593	0.022505	0.664608	-1.50465	0.00565478	1.72083	1.72083	0.116375	1.29056	1.29056	0.439817	0.888892	-1.125	13.4878	4.77402	0.314622	1
cg09404256	0.0216748	1.81348	1.81348	0.0305236	0.57871	-1.72798	0.0265497	1.76214	1.76214	0.0036551	2.37786	2.37786	16.3155	11.1269	0.530433	1
cg12095397	0.00162288	0.505404	-1.97862	0.0287197	0.677204	-1.47666	0.811563	1.03674	1.03674	0.169085	1.24775	1.24775	10.5003	3.79566	0.321318	1
cg19279529	0.757282	1.03393	1.03393	0.000580262	0.563908	-1.77334	0.063543	1.25179	1.25179	0.0861764	1.22642	1.22642	8.09174	1.48514	0.163145	1
cg15770046	0.0302073	0.617108	-1.62046	0.0794838	0.691635	-1.44585	0.214343	0.780662	-1.28096	0.00451867	0.48835	-2.04771	7.81109	4.43828	0.505068	1
cg12252036	0.0160314	1.97316	1.97316	0.451365	0.837845	-1.19354	0.331098	1.26012	1.26012	0.214516	1.35159	1.35159	6.12787	5.15914	0.748369	1
cg27563174	0.089105	1.22763	1.22763	0.00194933	0.619272	-1.6148	0.286816	0.886053	-1.1286	0.116827	1.20486	1.20486	5.68965	1.07808	0.168428	1
cg23063900	0.00091806	0.22166	-4.51142	0.820694	1.07149	1.07149	0.993353	1.00254	1.00254	0.181078	0.649266	-1.5402	5.13553	7.52529	1.30252	1
cg23330575	0.186414	0.481542	-2.07666	0.68764	0.809887	-1.23474	0.689469	0.810954	-1.23312	0.576	1.34281	1.34281	3.78516	14.5036	3.83169	1
cg02594940	0.936287	1.04006	1.04006	0.391412	1.54188	1.54188	0.0924531	2.51789	2.51789	0.232843	1.85726	1.85726	4.0404	13.4393	2.91045	1
cg09082823	0.231284	0.826051	-1.21058	5.88E-05	0.322351	-3.10221	0.846214	1.02999	1.02999	0.181085	0.805651	-1.24123	16.1465	5.92334	0.326088	1
cg00570628	0.661669	1.12346	1.12346	0.66618	1.12159	1.12159	0.405102	1.25257	1.25257	0.109358	0.630315	-1.58651	12.599	13.9468	0.98398	1
cg08469419	0.117617	0.837781	-1.19363	0.000233518	1.88826	1.88826	0.0281268	1.31005	1.31005	0.366663	0.90793	-1.10141	12.1748	2.09152	0.152702	1
cg15516832	0.866849	1.04478	1.04478	0.14768	1.50002	1.50002	0.982881	0.994415	-1.00562	0.895227	0.966191	-1.03499	10.2169	11.026	0.959282	1
cg02800711	0.0500241	1.46268	1.46268	0.000205741	2.88077	2.88077	0.373118	1.16834	1.16834	0.376053	0.856776	-1.16717	8.53768	3.91519	0.407624	1
cg11041284	0.027568	1.46342	1.46342	0.000685228	2.13375	2.13375	0.72895	1.05215	1.05215	0.796875	1.03841	1.03841	6.17093	2.08716	0.300644	1
cg22043588	0.302437	1.71854	1.71854	0.00739852	5.74916	5.74916	0.00524821	6.46305	6.46305	0.0210339	4.08303	4.08303	4.09343	16.6563	3.61692	1
cg11762839	0.377505	0.596747	-1.67575	0.0209046	0.205026	-4.87743	0.0158475	5.39127	5.39127	0.00203368	11.9425	11.9425	5.46501	28.1336	4.57596	1
cg07625131	0.715141	0.782818	-1.27744	?	?	?	0.0131198	7.80627	7.80627	0.00365976	13.8096	13.8096	4.09289	25.7129	6.28234	1
cg06697425	0.0109766	0.512162	-1.95251	0.0096038	0.502892	-1.9885	0.0543849	0.632768	-1.58036	0.112974	0.696505	-1.43574	4.89701	3.40912	0.618812	1
cg02641844	0.246182	0.822597	-1.21566	0.0143677	1.6257	1.6257	0.495203	0.894472	-1.11798	0.969195	1.00624	1.00624	3.39893	1.3958	0.365029	1
cg23218397	2.28E-06	0.176824	-5.65536	2.05E-08	0.0417436	-23.9558	0.506408	0.903701	-1.10656	9.00E-07	0.141342	-7.07505	101.26	36.1794	0.317594	1
cg26036678	0.00126811	0.151355	-6.60698	0.00404254	0.212247	-4.7115	0.789975	0.898373	-1.11312	0.00535141	0.229298	-4.36114	9.94996	25.3991	2.26905	1
cg05126581	0.000278371	0.174996	-5.71441	0.0114147	0.395357	-2.52936	0.199978	1.4871	1.4871	0.00670779	0.356812	-2.80259	9.31854	12.6784	1.20938	1
cg11191302	0.348728	0.823171	-1.21481	0.0531515	0.641991	-1.55765	0.972609	1.00695	1.00695	0.0531726	0.642023	-1.55758	9.09916	5.86347	0.572797	1
cg13376246	0.0212269	0.613559	-1.62983	0.000866006	0.4141	-2.41487	0.557905	0.900766	-1.11017	0.120212	0.742843	-1.34618	8.44057	4.15785	0.437869	1
cg19938149	0.0225244	0.227777	-4.39026	0.00052583	0.0536543	-18.6378	0.997678	0.998426	-1.00158	0.00341901	0.116062	-8.61612	7.14116	33.1543	4.12686	1
cg14524956	0.014831	0.23534	-4.24918	0.00155001	0.111173	-8.99502	0.010393	0.210658	-4.74704	0.0254775	0.277636	-3.60183	6.71521	24.7753	3.27949	1
cg23615892	0.0128079	0.368022	-2.71723	0.00141197	0.224418	-4.45598	0.711179	1.12778	1.12778	0.0177237	0.393591	-2.54071	6.62888	10.9754	1.47173	1
cg05160563	0.0130327	0.235239	-4.251	0.00891082	0.209438	-4.77469	0.381935	1.52389	1.52389	0.0944541	0.421635	-2.37172	5.15224	18.0093	3.10705	1
cg13240962	0.000317227	0.113242	-8.83065	4.23E-05	0.0545613	-18.328	0.441993	1.34017	1.34017	0.0022558	0.20261	-4.93558	19.8848	43.9299	1.96375	1
cg08542181	0.00045778	0.409684	-2.4409	0.00223428	0.500398	-1.99841	0.0029472	1.93515	1.93515	0.0136012	0.61037	-1.63835	16.1013	6.66834	0.368133	1
cg00972761	0.0653331	1.49791	1.49791	0.128165	0.725265	-1.37881	0.0079903	1.94254	1.94254	0.308419	0.813913	-1.22863	5.86461	3.5432	0.537037	1
cg24766041	0.000164727	0.200479	-4.98806	0.234811	0.732294	-1.36557	0.0142248	0.469228	-2.13116	0.00501193	0.394946	-2.53199	19.7463	19.578	0.881314	1
cg06910100	0.198045	1.70607	1.70607	0.0374962	0.387578	-2.58013	0.00294012	0.201136	-4.97176	0.0110036	0.28577	-3.49932	8.8013	21.4929	2.17068	1
cg04459545	0.928668	1.02095	1.02095	0.0300895	0.553984	-1.8051	0.00432092	0.413441	-2.41872	0.0712293	0.62717	-1.59446	6.29317	5.34295	0.754673	1
cg12555369	0.0265729	0.750195	-1.33299	1.07E-07	0.153357	-6.52074	0.034757	0.76407	-1.30878	1.74E-06	0.270569	-3.69591	70.2776	13.3073	0.168314	1
cg24315770	?	?	?	0.0344662	0.286382	-3.49183	0.987143	1.0082	1.0082	0.810773	0.885491	-1.12932	5.57935	20.1912	3.61892	1
cg13551894	0.108608	0.839372	-1.19137	0.000338497	0.561089	-1.78225	0.18409	1.1514	1.1514	0.199557	0.87319	-1.14523	18.4991	2.93282	0.140923	1
cg02170290	0.325845	0.692138	-1.4448	0.0184983	0.345262	-2.89635	0.234985	0.635999	-1.57233	?	?	?	11.5264	18.1092	1.5711	1
cg02482946	0.291156	1.08081	1.08081	0.0318728	0.836581	-1.19534	0.690058	1.02885	1.02885	0.00116114	1.40278	1.40278	8.86064	0.706361	0.0708613	1
cg27162881	0.00417526	0.0519589	-19.246	?	?	?	0.488515	1.62672	1.62672	0.138067	3.08949	3.08949	6.13473	38.8808	4.75336	1
cg16239117	0.0489383	0.773119	-1.29346	0.0167673	0.715989	-1.39667	0.0182209	0.720331	-1.38825	0.743259	1.03833	1.03833	4.2578	0.883267	0.184397	1
cg26943399	0.607831	1.07218	1.07218	0.000353468	0.461786	-2.16551	0.321727	1.14779	1.14779	0.144812	1.23474	1.23474	5.31725	1.52674	0.255227	1
cg11223816	0.0748183	1.26328	1.26328	0.880024	1.01795	1.01795	0.143324	1.20349	1.20349	0.2312	1.15941	1.15941	4.60916	1.01259	0.19528	1
cg07695272	0.689462	0.928429	-1.07709	0.000167191	0.305763	-3.2705	0.000101441	3.57256	3.57256	0.506373	0.882805	-1.13275	22.3233	12.0852	0.481218	1
cg20999813	9.20E-06	0.464633	-2.15224	0.200755	0.897602	-1.11408	0.446665	1.06397	1.06397	0.915685	1.0085	1.0085	17.8237	1.80407	0.0899712	1
cg04431002	0.00309448	0.342265	-2.92171	9.80E-05	0.159911	-6.25349	0.779871	1.07703	1.07703	0.0112467	0.431225	-2.31898	12.8453	14.272	0.987614	1
cg00908027	0.00581874	0.192365	-5.19845	0.0239032	0.292286	-3.4213	0.0615746	0.382492	-2.61443	0.0740289	0.403056	-2.48104	12.991	38.0958	2.93249	1
cg02967198	0.554922	1.08812	1.08812	0.00301579	1.77717	1.77717	0.00635516	0.605114	-1.65258	0.0131298	0.647304	-1.54487	10.1834	3.2253	0.28153	1
cg01647942	0.000636662	0.240476	-4.15842	0.0680582	0.573992	-1.74218	0.909347	1.03143	1.03143	0.0122627	0.428465	-2.33391	7.54781	8.82297	1.03906	1
cg07700920	0.263136	1.33869	1.33869	0.0150992	2.10983	2.10983	0.282184	0.756216	-1.32237	0.448017	0.8242	-1.2133	6.51224	6.44803	0.880125	1
cg02235941	0.0178998	0.539356	-1.85406	0.0433262	0.607375	-1.64643	0.788942	1.05925	1.05925	0.108606	0.686958	-1.45569	6.41758	4.67847	0.648007	1
cg06536619	0.0876537	0.496199	-2.01532	0.445961	0.749173	-1.33481	0.454217	1.3276	1.3276	0.690081	1.16066	1.16066	6.20692	13.5828	1.94518	1
cg07647771	0.792768	0.94178	-1.06182	0.0447882	0.591697	-1.69005	0.358296	1.24012	1.24012	0.0485075	0.598412	-1.67109	4.98272	4.0958	0.730667	1
cg00304695	0.0471452	0.755691	-1.32329	0.0657583	0.775207	-1.28998	0.621226	1.06335	1.06335	0.00697739	1.53778	1.53778	4.96939	1.19686	0.214086	1
cg01272937	0.278129	0.363401	-2.75178	0.463367	0.511728	-1.95416	0.375625	0.442132	-2.26177	0.0114399	0.0583973	-17.1241	4.52371	57.7197	11.3417	1
cg01007262	0.006058	0.495285	-2.01904	0.0159549	0.560789	-1.7832	0.0866434	0.690064	-1.44914	0.232966	0.782583	-1.27782	3.66873	2.23257	0.540924	1
cg07464229	0.857023	1.03771	1.03771	0.499705	1.15099	1.15099	0.106875	0.69677	-1.43519	0.593678	0.895362	-1.11687	21.8863	12.9799	0.59306	1
cg14699257	?	?	?	0.00741875	0.0316626	-31.583	?	?	?	?	?	?	4.33574	41.3744	11.1331	1
cg22328457	0.766587	0.847852	-1.17945	0.0370528	0.261206	-3.8284	0.0912354	2.80481	2.80481	0.498414	1.46383	1.46383	3.6214	17.6316	4.32777	1
cg23855257	0.265988	0.867619	-1.15258	0.000571875	0.520261	-1.92211	0.796567	0.968846	-1.03216	0.576735	1.07153	1.07153	12.1187	2.88084	0.211305	1
cg16678346	0.00284301	0.235854	-4.23992	0.204241	1.60176	1.60176	0.848098	1.06975	1.06975	0.37437	0.725703	-1.37797	10.7628	21.0757	1.74062	1
cg14258418	0.0221435	0.221611	-4.51241	0.901665	1.07026	1.07026	0.00322158	0.109921	-9.09742	0.0215475	0.219529	-4.55521	7.8964	37.7363	4.24793	1
cg13252580	0.0166101	1.99468	1.99468	0.00402401	0.395722	-2.52703	0.00115689	3.20026	3.20026	0.136413	0.689978	-1.44932	8.47209	6.86521	0.630259	1
cg05984045	0.0660431	0.489453	-2.0431	0.164446	0.598138	-1.67185	0.161035	0.595304	-1.67981	0.413518	0.748532	-1.33595	7.28248	13.8456	1.68998	1
cg05244153	0.000749984	0.266979	-3.74562	0.998235	1.00057	1.00057	0.0549893	1.75411	1.75411	0.0227823	0.494702	-2.02142	6.61962	6.9923	0.938932	1
cg01517521	0.00477148	0.079693	-12.5481	?	?	?	0.285637	1.97383	1.97383	0.321416	1.87184	1.87184	8.05408	29.6268	3.67848	1
cg27288021	0.0557705	0.444225	-2.25111	0.00306334	0.21909	-4.56434	0.267904	0.649153	-1.54047	0.00362131	0.228962	-4.36753	5.55164	12.3253	1.97344	1
cg11756873	0.0311081	0.504261	-1.9831	0.172397	0.675024	-1.48143	0.727623	1.09924	1.09924	0.108146	0.622312	-1.60691	5.23975	6.07662	1.03086	1
cg21480982	0.523157	0.943069	-1.06037	0.0013307	0.65528	-1.52607	0.0895633	0.844048	-1.18477	0.456319	0.933586	-1.07114	3.89116	0.505666	0.115513	1
cg05373792	0.961734	0.98204	-1.01829	0.383707	0.713615	-1.40132	0.0582148	2.24478	2.24478	0.938901	1.02938	1.02938	3.48601	7.87834	2.00888	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09037025	USP12;USP12	0.0041501	0.00158472	0.573613	-1.74334	0.00875714	0.664135	-1.50572	0.0923074	0.796852	-1.25494	0.723487	1.0445	1.0445	0.18485	0.841671	-1.18811
cg14938148	USP13	0.00041535	0.00112713	0.576656	-1.73414	0.000429633	0.52734	-1.89631	0.746178	1.038	1.038	0.700721	0.956616	-1.04535	0.344186	1.11841	1.11841
cg21453656	USP13	0.00257068	0.000211906	0.195628	-5.11174	0.00842905	0.412057	-2.42685	0.00549441	0.382128	-2.61692	0.214315	1.41133	1.41133	0.195061	0.696854	-1.43502
cg12389888	USP13	0.00262764	0.029954	0.72405	-1.38112	0.000662481	0.517271	-1.93322	0.180911	0.835592	-1.19676	0.107698	0.800949	-1.24852	0.00019147	0.451801	-2.21336
cg05380916	USP13	0.00385487	0.459434	0.830842	-1.2036	0.150268	1.46139	1.46139	0.809731	1.06114	1.06114	0.121788	0.661893	-1.51082	6.70E-05	0.165846	-6.0297
cg23535170	USP13	0.00809341	0.398386	0.773046	-1.29358	0.00055729	0.203073	-4.92434	0.00338201	0.305287	-3.2756	0.483015	1.23645	1.23645	0.379952	0.764803	-1.30753
cg18011571	USP13	0.0114108	0.742895	1.0562	1.0562	0.0002903	0.374697	-2.66882	0.488399	0.889659	-1.12403	0.708669	0.939559	-1.06433	0.309701	1.19078	1.19078
cg05678938	USP13	0.0196318	0.167285	0.876546	-1.14084	0.0265017	1.26546	1.26546	0.484725	1.06562	1.06562	0.010928	0.751324	-1.33098	0.309477	1.09871	1.09871
cg21133608	USP13	0.0263398	0.468398	0.912806	-1.09552	0.0175388	0.699456	-1.42968	0.00394419	0.61906	-1.61535	0.162617	0.831656	-1.20242	0.38892	0.896559	-1.11538
cg21852757	USP13	0.0299164	0.34535	1.23965	1.23965	0.635511	1.11131	1.11131	0.00515987	0.442043	-2.26222	0.265184	0.77362	-1.29262	0.0688209	1.56854	1.56854
cg20568102	USP13	0.039104	0.505727	1.18307	1.18307	0.00648002	2.41354	2.41354	0.652609	1.11942	1.11942	0.1604	0.688435	-1.45257	0.713816	0.91238	-1.09603
cg04062383	USP13	0.0416509	?	?	?	0.906755	0.953309	-1.04898	0.0288257	0.339684	-2.94392	0.204085	0.576108	-1.73578	?	?	?
cg07301952	USP14;USP14	0.00177516	0.0307567	0.438192	-2.2821	0.00176339	4.25796	4.25796	0.172982	0.62402	-1.60251	0.476479	0.790233	-1.26545	0.0229792	0.412933	-2.4217
cg01848352	USP14;USP14	0.00339927	0.137105	1.44461	1.44461	0.00124312	0.338302	-2.95594	0.00209605	2.7025	2.7025	0.033658	0.565574	-1.76812	0.688352	1.09704	1.09704
cg16271622	USP14;USP14	0.0103494	0.0986405	0.698546	-1.43154	0.698499	0.92579	-1.08016	0.000951845	0.376968	-2.65275	0.232776	0.780463	-1.28129	0.0082432	0.512023	-1.95304
cg02776251	USP15	9.36E-05	0.626895	0.958433	-1.04337	0.79794	0.978011	-1.02248	0.0621424	1.19961	1.19961	0.0269732	1.25484	1.25484	0.00225321	1.44851	1.44851
cg15000998	USP15	0.000422929	0.11056	0.737047	-1.35677	0.0614944	1.44719	1.44719	0.109776	1.35784	1.35784	0.00141444	0.444557	-2.24943	1.83E-05	0.215949	-4.63073
cg05577848	USP15	0.00641283	0.0865012	0.531265	-1.8823	0.126544	0.575757	-1.73685	0.544183	0.81461	-1.22758	0.491808	1.26266	1.26266	9.20E-05	0.0970305	-10.306
cg14397459	USP15	0.0160311	0.0798349	0.761471	-1.31325	0.561709	0.921035	-1.08573	0.213371	0.832185	-1.20166	0.658562	0.939558	-1.06433	0.0203554	0.675699	-1.47995
cg13357812	USP15	0.0431911	0.0214035	0.572645	-1.74628	0.67773	1.08793	1.08793	0.706255	1.07934	1.07934	0.625062	1.10442	1.10442	0.0205651	0.569741	-1.75518
cg12304441	USP15	0.0436806	0.185096	1.19671	1.19671	0.272267	0.864148	-1.15721	0.0660498	0.768378	-1.30144	0.00304945	1.67959	1.67959	0.591384	1.0717	1.0717
cg23772557	USP16;USP16;USP16	0.019915	0.531077	1.1036	1.1036	0.112499	1.30793	1.30793	0.777146	1.04508	1.04508	0.186081	0.804274	-1.24336	0.413121	1.13883	1.13883
cg14326747	USP16;USP16;USP16	0.0397456	0.453796	0.943122	-1.06031	0.00293333	1.36829	1.36829	0.0433607	0.836682	-1.1952	0.371957	1.07288	1.07288	0.210098	1.10667	1.10667
cg00301601	USP16;USP16;USP16	0.0462919	0.789387	0.936155	-1.0682	0.044579	1.76537	1.76537	0.654342	0.894883	-1.11746	0.736178	0.920044	-1.0869	0.134481	0.671869	-1.48838
cg09413933	USP16;USP16;USP16;USP16;USP16;USF 16	0.000745927	4.50E-05	1.37537	1.37537	0.00665865	1.15641	1.15641	0.0109758	1.1408	1.1408	0.646243	1.01926	1.01926	0.003008	1.18282	1.18282
cg27473997	USP17	0.0229905	0.0216261	0.275346	-3.63179	0.00994619	0.218177	-4.58343	0.0119382	0.230625	-4.33604	0.329763	0.624803	-1.60051	0.0128255	0.235671	-4.24321
cg09143655	USP17L2;FAM66D	0.0150038	0.103669	0.54652	-1.82976	0.00468357	0.279058	-3.58348	0.00909435	0.324573	-3.08097	0.37912	0.736136	-1.35844	0.0128393	0.350251	-2.85509
cg24789143	USP17L2;FAM66D	0.0357057	0.081375	0.659975	-1.51521	0.0197562	0.545773	-1.83226	0.0195408	0.54496	-1.835	0.909919	0.975948	-1.02464	0.00704939	0.472748	-2.11529
cg10685559	USP18	0.01373	0.00837255	0.227878	-4.38832	0.0289475	0.322867	-3.09725	0.160201	0.517517	-1.9323	0.374032	0.66992	-1.49271	0.000637353	0.1	-10
cg00077299	USP18	0.0307406	0.277281	0.895228	-1.11703	0.00165573	0.643412	-1.55422	0.326131	0.905466	-1.1044	0.579566	1.05634	1.05634	0.421868	0.922779	-1.08368
cg18699242	USP18	0.0430005	0.0329991	0.22948	-4.35769	0.0108898	6.60029	6.60029	0.514095	0.676643	-1.47788	0.84781	1.12011	1.12011	0.546692	1.43345	1.43345
cg01165661	USP19	0.00129132	0.00045095	0.1285	-7.78211	0.0785446	0.484392	-2.06445	0.542934	0.795768	-1.25665	0.34463	1.43492	1.43492	0.000630878	0.142452	-7.01991
cg10893140	USP19	0.00141829	0.180731	1.14144	1.14144	0.0768707	0.832656	-1.20098	0.0790096	0.833986	-1.19906	0.118717	0.854156	-1.17075	0.874377	0.98538	-1.01484
cg09827701	USP19	0.0017003	0.00164586	0.277702	-3.60098	0.651293	0.878661	-1.13809	0.00470895	0.343779	-2.90885	0.752524	1.0941	1.0941	0.00214707	0.293612	-3.40585
cg13606999	USP19	0.00988629	0.475444	1.24972	1.24972	0.782861	1.08856	1.08856	0.821799	1.07175	1.07175	0.544661	0.828341	-1.20723	0.0018682	0.257852	-3.87819
cg04073039	USP19	0.0176094	0.531324	1.14354	1.14354	0.60096	0.894379	-1.11809	0.991018	1.00238	1.00238	0.839383	0.957981	-1.04386	0.519265	1.1482	1.1482
cg07188239	USP19	0.03958	0.656366	0.935263	-1.06922	0.148338	1.26077	1.26077	0.0117249	1.60094	1.60094	0.0651024	1.36278	1.36278	0.236458	0.830774	-1.2037
cg19979540	USP19;USP19	0.00333823	0.970994	0.993654	-1.00639	0.0229744	1.61003	1.61003	0.956979	0.990599	-1.00949	0.0608716	0.690767	-1.44767	0.0104203	0.568507	-1.75899
cg22595806	USP1;USP1	0.0199381	0.328023	1.16893	1.16893	0.00191364	0.506895	-1.97279	0.0551337	0.714503	-1.39957	0.496704	1.11259	1.11259	0.338302	0.85847	-1.16486
cg06838422	USP1;USP1;USP1	0.000110844	0.00166125	0.478235	-2.09102	0.0988807	0.743309	-1.34534	0.380653	1.15885	1.15885	0.000877803	0.441396	-2.26554	0.000589317	0.418809	-2.38772
cg26877327	USP1;USP1;USP1	0.000901509	0.746533	1.02682	1.02682	0.0011515	0.677148	-1.47678	0.00387969	0.728019	-1.37359	0.954985	0.995404	-1.00462	0.000712966	0.65662	-1.52295
cg08107208	USP1;USP1;USP1	0.0154187	0.105853	0.82521	-1.21181	0.0867093	1.22849	1.22849	0.0112543	0.707974	-1.41248	0.0910172	0.816708	-1.22443	0.424841	1.09269	1.09269
cg10950050	USP1;USP1;USP1	0.0483034	0.349944	1.15049	1.15049	0.920632	1.01463	1.01463	0.988766	0.997951	-1.00205	0.382571	1.13937	1.13937	0.334834	1.15594	1.15594
cg24213634	USP1;USP1;USP1;USP1	0.0162904	0.606585	1.06523	1.06523	0.284318	1.14489	1.14489	0.235318	1.16336	1.16336	0.573996	0.93323	-1.07155	0.142891	1.21115	1.21115
cg18124616	USP1;USP1;USP1;USP1	0.0490622	0.0189972	0.354876	-2.81788	0.0669736	0.472804	-2.11504	0.71351	1.14399	1.14399	0.175521	0.591259	-1.69131	0.233598	0.634089	-1.57707
cg09901932	USP1;USP1;USP1;USP1;USP1	8.73E-05	0.551323	1.16311	1.16311	0.375657	1.25599	1.25599	0.501651	0.842865	-1.18643	0.724179	1.09288	1.09288	0.082656	1.61902	1.61902
cg05599930	USP2	0.00453975	0.00812662	0.582801	-1.71585	0.102535	0.752268	-1.32931	0.0260853	0.656593	-1.52301	0.409201	0.874159	-1.14396	0.00088605	0.45218	-2.21151
cg25821437	USP2	0.0265592	0.447317	1.25642	1.25642	0.108272	1.67596	1.67596	0.0184382	2.32234	2.32234	0.128468	1.623	1.623	0.216185	1.46754	1.46754
cg27234090	USP2	0.0430747	0.0267656	0.381526	-2.62106	0.0177173	0.346784	-2.88364	0.0139621	0.327955	-3.0492	0.982098	0.991795	-1.00827	0.0651355	0.467492	-2.13907
cg13953978	USP20;USP20;USP20	0.0197237	0.00850423	0.231862	-4.31291	0.00778532	0.226045	-4.4239	0.187957	0.544867	-1.83531	0.264681	0.602944	-1.65853	0.0276855	0.322125	-3.10439
cg01447427	USP21;UFC1;USP21	0.00279804	0.23729	0.70645	-1.41553	0.216874	0.694406	-1.44008	0.00443043	0.344423	-2.90341	0.530525	1.19522	1.19522	0.530358	0.836603	-1.19531
cg22374567	USP21;USP21	0.00251978	0.30622	1.09708	1.09708	0.0544106	0.82622	-1.21033	0.000399178	0.61092	-1.63687	0.0241749	0.790495	-1.26503	0.019	1.28195	1.28195
cg08535938	USP21;USP21	0.0025984	0.320193	1.26663	1.26663	0.000467246	3.54615	3.54615	0.0463675	1.69059	1.69059	0.00272346	2.59184	2.59184	0.454812	0.839306	-1.19146
cg11795308	USP21;USP21	0.00334047	0.342657	0.724118	-1.38099	0.00484976	0.291308	-3.43279	0.0532913	0.484373	-2.06453	0.219247	0.652734	-1.53202	0.0106469	0.34635	-2.88725
cg12584865	USP21;USP21	0.00377564	0.66442	1.13881	1.13881	0.176321	1.53432	1.53432	0.00601581	0.343409	-2.91198	0.150109	0.631646	-1.58317	0.00503492	0.331285	-3.01855
cg17017284	USP21;USP21	0.0428427	0.626612	0.865223	-1.15577	0.685942	0.886887	-1.12754	0.740095	0.906377	-1.10329	0.219655	1.46393	1.46393	0.00656753	0.352609	-2.836
cg22748407	USP22	4.58E-05	0.822143	1.02604	1.02604	7.74E-05	2.2638	2.2638	3.83E-06	3.42221	3.42221	2.83E-05	2.55968	2.55968	0.184471	1.17436	1.17436
ch.17.655115F	USP22	0.0121368	0.0312334	0.57973	-1.72494	0.0702249	1.54733	1.54733	0.624727	1.1122	1.1122	0.020437	0.547399	-1.82682	0.313834	1.25192	1.25192
cg06218113	USP22	0.0208839	0.961273	0.973368	-1.02736	0.00426477	8.37887	8.37887	?	?	?	0.542839	1.40836	1.40836	0.00589018	0.134905	-7.41263
cg15752436	USP22	0.0214734	0.352781	1.43683	1.43683	0.00126529	5.95	5.95	0.012695	3.23518	3.23518	0.663182	1.18071	1.18071	0.177135	1.72248	1.72248
cg25278325	USP22	0.0258537	0.722553	0.914303	-1.09373	0.204893	1.39958	1.39958	0.00052558	0.257204	-3.88797	0.269927	0.749231	-1.3347	0.763602	1.07875	1.07875
cg16245868	USP24	0.00233778	0.573339	0.802934	-1.24543	0.00355465	0.217891	-4.58946	0.00358505	0.218392	-4.57892	0.534418	0.784511	-1.27468	0.00969359	0.28301	-3.53344
cg03317618	USP24	0.00257596	0.0276704	0.669011	-1.49474	0.0145188	1.59188	1.59188	0.0261647	1.50285	1.50285	0.861035	1.02742	1.02742	0.00984288	1.65489	1.65489
cg06881398	USP24	0.0109036	0.601247	1.13024	1.13024	0.0194279	0.51888	-1.92723	0.780913	0.937314	-1.06688	0.082149	0.639439	-1.56387	0.544762	0.867344	-1.15294
cg15949924	USP24	0.0119363	0.00412165	1.85062	1.85062	0.771159	0.954413	-1.04776	0.0375551	1.47111	1.47111	0.067774	1.38725	1.38725	0.118517	1.31142	1.31142
cg24251441	USP24	0.025631	0.94446	0.972527	-1.02825	0.00405912	4.67683	4.67683	0.153626	1.84202	1.84202	0.103081	2.04011	2.04011	0.235862	0.608535	-1.64329
cg04682133	USP24	0.0396815	0.597098	0.826012	-1.21064	0.00768521	3.41249	3.41249	0.747866	0.890857	-1.12251	0.552152	1.24051	1.24051	0.304519	0.683155	-1.4638
cg00164894	USP24	0.0429861	0.262242	0.805533	-1.24141	0.138436	0.744471	-1.34324	0.192866	0.774966	-1.29038	0.775015	1.05444	1.05444	0.525141	0.887701	-1.12651
cg01141769	USP25	0.00183502	0.140247	0.851414	-1.17452	0.0460231	1.26087	1.26087	0.0173427	1.34146	1.34146	0.381172	0.912964	-1.09533	0.017105	1.34265	1.34265
cg03562367	USP25	0.00613029	0.000375502	0.191777	-5.21438	0.229103	0.693137	-1.44272	0.137568	0.628502	-1.59109	0.0483278	0.519326	-1.92557	0.0096667	0.386391	-2.58805
cg06114765	USP25	0.0379903	0.807256	1.03705	1.03705	0.0487417	1.39796	1.39796	0.757148	1.04725	1.04725	0.245851	1.19799	1.19799	0.32496	1.16333	1.16333
cg10531088	USP26	0.0162969	0.868415	0.897545	-1.11415	0.0115587	0.127621	-7.83568	0.119218	0.332108	-3.01107	0.130148	0.344475	-2.90297	0.0167992	0.149236	-6.70082
cg03674851	USP27X;USP27X	9.34E-06	0.015477	0.562254	-1.77856	0.000908297	0.382189	-2.61651	0.00017656	0.291519	-3.43031	0.728528	1.06988	1.06988	1.62E-06	0.0964494	-10.3681
cg18094999	USP28	0.00011708	0.939866	0.993839	-1.0062	0.0119634	0.773485	-1.29285	0.00647604	0.748311	-1.33634	0.000137023	1.71656	1.71656	0.760462	0.975264	-1.02536
cg03711457	USP28	0.0046423	0.0346115	0.641017	-1.56002	0.00039453	0.361025	-2.76989	0.145065	0.753916	-1.32641	0.443048	1.15162	1.15162	0.0207604	0.605024	-1.65283
cg12833952	USP28	0.0059149	0.0469798	0.524483	-1.90664	0.956205	0.984534	-1.01571	0.158548	1.53384	1.53384	0.418652	0.790923	-1.26434	0.395353	1.28026	1.28026
cg17055736	USP28	0.0101632	0.242002	0.663035	-1.50822	0.667858	0.865149	-1.15587	0.871966	1.05561	1.05561	0.775168	0.908377	-1.10086	0.00014308	0.110832	-9.02263
cg19174165	USP28	0.0440275	0.0150177	0.524532	-1.90646	0.0112701	0.504013	-1.98408	0.0619989	0.635352	-1.57393	0.0791276	0.656553	-1.52311	0.835924	0.956225	-1.04578
cg05246057	USP29	1.55E-05	5.49E-07	0.190639	-5.24551	0.00087855	0.551417	-1.81351	0.000544181	0.526553	-1.89915	0.0590177	0.775342	-1.28975	1.11E-05	0.327595	-3.05255
cg18313094	USP29	2.13E-05	0.000391404	3.21789	3.21789	0.0681376	1.52571	1.52571	0.00717368	0.487771	-2.05014	0.21085	1.31346	1.31346	3.70E-05	0.193863	-5.15829
cg18715189	USP29	5.17E-05	0.657519	0.911682	-1.09687	0.0140867	0.533658	-1.87386	0.0131743	0.528921	-1.89064	0.00465085	2.18158	2.18158	2.23E-05	0.171651	-5.82578
cg16675193	USP29	5.52E-05	1.66E-05	0.173613	-5.75993	0.572676	0.89337	-1.11936	0.000388835	0.326635	-3.06152	9.72E-05	0.25395	-3.93779	1.60E-05	0.172027	-5.81304
cg17352109	USP29	7.66E-05	0.00159723	0.673205	-1.48543	0.00676243	1.35899	1.35899	0.00937247	0.749864	-1.33358	0.0381986	0.810664	-1.23356	6.50E-06	0.415781	-2.40511
cg07499372	USP29	9.21E-05	0.24423	0.734158	-1.36211	0.023721	1.98348	1.98348	0.0386282	0.544652	-1.83604	0.0951899	0.628091	-1.59213	1.37E-06	0.0438439	-22.8082
cg18723276	USP29	0.000164197	0.00672359	1.98638	1.98638	1.66E-05	0.177561	-5.63186	0.00547819	0.490044	-2.04063	0.470268	1.15424	1.15424	0.727893	0.934064	-1.07059
cg16889990	USP29	0.000276653	0.131127	1.17697	1.17697	0.19686	1.14613	1.14613	0.00121271	1.60568	1.60568	0.00617707	0.699767	-1.42905	0.0464673	0.796145	-1.25605
cg20700952	USP29	0.000349108	0.0694791	1.45781	1.45781	4.36E-05	0.236971	-4.21992	0.551093	0.894082	-1.11847	0.0853982	1.42334	1.42334	0.134937	0.741437	-1.34873
cg04995311	USP29	0.000403423	0.0112357	2.65545	2.65545	0.00333206	3.41638	3.41638	0.00056629	5.16732	5.16732	0.0851562	1.7954	1.7954	0.00364707	3.3505	3.3505
cg12570013	USP29	0.000600978	0.0197104	0.371678	-2.6905	0.00231313	0.224103	-4.46223	0.00127692	0.191903	-5.21098	0.993704	1.00278	1.00278	0.0474325	0.450729	-2.21863
cg08633479	USP29	0.00122323	0.143699	1.89151	1.89151	0.378953	1.44225	1.44225	0.214658	1.69888	1.69888	0.059173	2.37341	2.37341	0.0369324	2.6728	2.6728
cg22338152	USP29	0.00150812	0.0120364	0.250732	-3.98832	0.00617719	0.206479	-4.8431	0.0333313	0.333329	-3.00003	0.00455926	0.188481	-5.30558	0.0056892	0.201477	-4.96334
cg12243267	USP29	0.00166358	0.76876	1.13671	1.13671	0.023282	3.2498	3.2498	0.161109	1.91661	1.91661	0.0405652	2.79524	2.79524	0.0439013	2.73623	2.73623
cg02399469	USP29	0.00362093	0.0152577	0.295581	-3.38317	0.000446831	0.103742	-9.63926	0.0439913	0.387956	-2.57761	0.978773	1.01094	1.01094	0.298118	0.643248	-1.55461
cg06171908	USP29	0.00553829	0.0215501	0.390411	-2.56141	0.00795644	3.18798	3.18798	0.158959	0.598696	-1.6703	0.0797028	1.94003	1.94003	0.521497	0.801393	-1.24783
cg16547341	USP29	0.00554103	0.0295671	2.52889	2.52889	0.00955208	0.304641	-3.28256	0.0323134	0.403447	-2.47864	0.139592	0.562296	-1.77842	0.029099	0.394006	-2.53803
cg07460734	USP29	0.00587971	0.0398134	0.332509	-3.00744	0.671097	1.21884	1.21884	0.0146978	0.248717	-4.02063	0.36574	0.650148	-1.53811	0.0591276	0.372588	-2.68393
cg13657776	USP29	0.00607674	0.0337221	0.380884	-2.62547	0.000898255	0.144477	-6.92152	0.0635414	0.443964	-2.25244	0.0827069	0.473316	-2.11275	0.00251825	0.195369	-5.11852
cg16013247	USP29	0.00892876	0.914743	0.976672	-1.02389	0.701576	0.918636	-1.08857	0.186638	0.7345	-1.36147	0.00069098	0.3193	-3.13185	0.754297	0.933137	-1.07165
cg23401210	USP29	0.0147974	0.04516	1.59862	1.59862	0.0134543	0.535467	-1.86753	0.750782	0.937027	-1.0672	0.0211835	1.76059	1.76059	0.832769	1.04411	1.04411
cg04704169	USP29	0.0163702	0.0169816	0.320832	-3.1169	0.0732417	0.458351	-2.18173	0.00551022	0.240551	-4.15712	0.0571025	0.431441	-2.31782	0.027965	0.362743	-2.75677
cg07797208	USP29	0.0252676	0.316417	0.554348	-1.80392	0.648736	0.77011	-1.29852	0.0153196	0.183501	-5.44956	0.225739	2.06395	2.06395	0.157014	0.422275	-2.36812
cg16594007	USP29	0.0263323	0.176206	0.410875	-2.43383	0.011455	0.141282	-7.07802	0.0617656	0.272174	-3.67412	0.0523415	0.255395	-3.9155	0.0666221	0.28022	-3.56862
cg26587228	USP29	0.0283712	0.043541	0.177677	-5.6282	0.00734088	0.0763316	-13.1007	0.0766892	0.230911	-4.33068	0.19396	0.359481	-2.78179	0.0238139	0.134254	-7.44858
cg18262852	USP2;USP2	0.00509767	0.103547	0.626536	-1.59608	0.0637884	1.72846	1.72846	0.184803	1.44682	1.44682	0.0187196	2.11332	2.11332	0.00218573	0.323486	-3.09132
cg03883256	USP2;USP2	0.0061321	0.00517492	0.144586	-6.91631	0.273835	1.81593	1.81593	0.054862	3.12929	3.12929	0.692478	1.23154	1.23154	0.00984592	0.181012	-5.5245
cg03263549	USP2;USP2	0.00730178	9.95E-05	0.0926846	-10.7893	0.0993234	0.536748	-1.86307	0.24517	0.657915	-1.51995	0.704912	0.877185	-1.14001	0.616543	0.840393	-1.18992
cg08294986	USP2;USP2	0.0227564	0.0397598	3.91756	3.91756	0.887413	0.921858	-1.08477	0.0486231	3.64619	3.64619	0.0168258	5.34074	5.34074	0.208716	0.46713	-2.14073
cg27092752	USP2;USP2	0.0259117	0.0222005	7.54499	7.54499	0.533787	1.59129	1.59129	0.0163289	8.70822	8.70822	0.081559	4.14953	4.14953	0.530724	0.62618	-1.59698
cg10353108	USP2;USP2	0.034792	0.0322331	11.1691	11.1691	0.327962	2.64207	2.64207	0.025956	12.7226	12.7226	0.0324407	11.1261	11.1261	0.192195	0.264951	-3.77429
cg16356224	USP2;USP2	0.0356263	0.393281	0.74247	-1.34686	0.0187763	2.63673	2.63673	0.129096	1.74794	1.74794	0.0945911	1.86946	1.86946	0.0133818	0.352351	-2.83808
cg12716639	USP2;USP2	0.0375348	0.0658105	0.211412	-4.73009	0.596127	1.49576	1.49576	0.0848398	4.19782	4.19782	0.146984	3.22719	3.22719	0.0157267	0.107724	-9.28298
cg25538627	USP2;USP2	0.0435714	0.0406474	14.1446	14.1446	0.209452	4.40493	4.40493	0.0126607	32.2537	32.2537	0.0462603	12.9265	12.9265	0.63548	0.585537	-1.70784
cg13442428	USP2;USP2;USP2	0.0409379	0.831945	1.07532	1.07532	0.0640814	2.03621	2.03621	0.862661	0.942548	-1.06095	0.0236278	2.51797	2.51797	0.384329	0.73726	-1.35637
cg10598356	USP3	0.00260868	0.0254223	0.67477	-1.48199	0.445275	1.12213	1.12213	0.00318725	1.81553	1.81553	0.842781	0.971021	-1.02984	0.0041852	0.566545	-1.76508
cg24679423	USP3	0.00719725	0.382631	0.700949	-1.42664	0.35124	0.683354	-1.46337	0.0227767	2.94936	2.94936	0.0394065	2.57457	2.57457	0.00113881	0.149696	-6.68022
cg11426726	USP3	0.0398381	0.00333475	0.124462	-8.0346	0.0920221	0.380092	-2.63094	0.219937	0.510312	-1.95959	0.0818753	0.365838	-2.73345	0.00984729	0.182421	-5.48183
cg12535380	USP30	0.00462857	0.00107772	3.3047	3.3047	0.043884	0.563595	-1.77432	0.0344678	0.543027	-1.84153	0.726839	0.916833	-1.09071	0.201993	0.716381	-1.39591
cg00364557	USP30	0.0107526	0.0740298	0.648319	-1.54245	0.00104069	0.347555	-2.87724	0.0204976	0.544602	-1.8362	0.498415	0.861054	-1.16137	0.00120708	0.356321	-2.80646
cg19552565	USP30	0.0302071	0.0199912	0.539486	-1.85362	0.346595	1.23744	1.23744	0.109482	1.46752	1.46752	0.0325153	0.576902	-1.7334	0.0533171	0.617228	-1.62015
cg03124318	USP30	0.0376794	0.0151818	0.322068	-3.10493	0.527129	0.78395	-1.27559	0.0877426	0.488738	-2.04608	0.118956	0.525786	-1.90191	0.0129021	0.309544	-3.23056
cg07042164	USP31	0.000458966	0.0466446	0.709313	-1.40981	0.00111936	2.06155	2.06155	0.512672	0.904747	-1.10528	0.990792	0.998262	-1.00174	1.34E-05	0.253148	-3.95026
cg07013032	USP31	0.002593	0.155654	1.326	1.326	0.00440317	0.493554	-2.02612	0.530691	0.888732	-1.1252	0.0130352	1.77202	1.77202	0.0074992	0.527692	-1.89504
cg02634998	USP31	0.00341684	0.000193285	0.426335	-2.34557	0.939181	1.01042	1.01042	0.837571	1.02828	1.02828	0.106537	0.787078	-1.27052	0.0298206	0.706573	-1.41528
cg27564284	USP31	0.00555394	0.00435613	0.592933	-1.68653	0.500582	1.09835	1.09835	0.0140467	1.51599	1.51599	0.0715345	0.75872	-1.31801	0.62526	1.06987	1.06987
cg20350269	USP31	0.00708089	0.0170118	0.702254	-1.42399	0.0613348	1.29184	1.29184	0.00112854	1.78984	1.78984	0.079046	0.789102	-1.26726	0.345087	0.888589	-1.12538
cg09796602	USP31	0.0126061	0.0451985	0.446024	-2.24203	0.79681	0.913325	-1.0949	0.0496471	0.455254	-2.19658	0.936218	0.972269	-1.02852	0.000650409	0.159272	-6.27858
cg03379367	USP31	0.0127784	0.757187	1.05355	1.05355	0.147444	0.769945	-1.29879	0.781836	1.0478	1.0478	0.0103715	0.581008	-1.72115	0.752264	1.05471	1.05471
cg04528218	USP31	0.0339013	0.00648337	0.477226	-2.09544	0.721828	1.07759	1.07759	0.256366	1.28102	1.28102	0.378207	0.827788	-1.20804	0.0253017	0.573548	-1.74353
cg04922034	USP31	0.0448588	0.168484	1.67375	1.67375	0.00201825	0.216788	-4.61281	0.259152	1.51166	1.51166	0.970067	1.01326	1.01326	0.0495588	0.455465	-2.19556
cg23231873	USP32	0.00101428	?	?	?	0.0274967	2.13243	2.13243	0.0484327	1.92496	1.92496	0.5928	1.16974	1.16974	3.91E-05	0.101555	-9.84686
cg19024352	USP32	0.00140112	0.253599	0.707986	-1.41246	0.00168537	0.272497	-3.66977	0.200724	0.67609	-1.47909	0.822604	0.937031	-1.0672	0.000173014	0.15769	-6.34157
cg03411133	USP32	0.00160245	0.00477852	0.38848	-2.57414	0.185984	0.701892	-1.42472	0.39188	0.801367	-1.24787	0.0415148	0.552469	-1.81006	0.000244211	0.216415	-4.62075
cg01418536	USP32	0.00414097	0.731484	1.04384	1.04384	0.000122795	0.434026	-2.30401	0.121006	0.811054	-1.23296	0.144624	1.2155	1.2155	0.0617813	0.769503	-1.29954
cg23057271	USP33;USP33	6.95E-05	0.00994098	0.498061	-2.00779	0.120688	1.43376	1.43376	0.0207206	0.550903	-1.8152	7.28E-05	0.213234	-4.68969	8.46E-05	0.220264	-4.54002
cg06517794	USP33;USP33;USP33	3.74E-06	0.335169	1.11839	1.11839	0.000192741	0.493249	-2.02737	7.42E-05	0.444659	-2.24892	1.66E-05	0.369189	-2.70864	0.000782888	0.564498	-1.77148
cg17488052	USP33;USP33;USP33	0.0454761	0.3191	0.816069	-1.22539	0.0218395	0.580874	-1.72154	0.00421847	0.46939	-2.13042	0.370788	0.834086	-1.19892	0.187857	0.759196	-1.31718
cg03582761	USP33;USP33;USP33;USP33;USP33;USF 33	0.0123973	0.753637	0.962933	-1.03849	0.163874	1.1951	1.1951	0.319754	1.13128	1.13128	0.311931	0.88206	-1.13371	0.842958	0.976485	-1.02408
cg03589282	USP34	0.000243368	0.32194	0.79679	-1.25504	0.00237552	0.39037	-2.56167	0.000792461	0.3245	-3.08167	0.000634986	0.311902	-3.20614	2.22E-05	0.151098	-6.61823
cg01145124	USP34	0.0037747	0.689261	1.08008	1.08008	0.680722	1.08253	1.08253	0.322288	0.822038	-1.21649	0.00567567	0.498845	-2.00463	0.000197405	0.301488	-3.31688
cg12310231	USP34	0.0052986	0.483024	0.855042	-1.16953	0.0108942	0.495514	-2.01811	0.0142905	0.514949	-1.94194	0.000887486	0.334898	-2.98598	0.00769292	0.471266	-2.12194

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09037025	0.546516	1.07766	1.07766	0.0246475	1.38814	1.38814	0.195454	1.18272	1.18272	0.00218641	0.590552	-1.69333	7.7657	1.84764	0.211488	1
cg14938148	0.0183042	0.719746	-1.38938	3.58E-05	0.400359	-2.49776	0.118193	0.82298	-1.2151	0.000852342	0.562381	-1.77815	15.0431	3.14245	0.185685	1
cg21453656	0.38656	1.26353	1.26353	0.00470479	0.371622	-2.6909	0.837713	1.05553	1.05553	0.0498255	0.554564	-1.80322	8.95819	9.85297	0.977675	1
cg12389888	0.55343	0.927002	-1.07875	0.00336634	0.603917	-1.65586	0.699338	1.05029	1.05029	0.293293	0.871236	-1.14779	8.90049	2.25358	0.225065	1
cg05380916	0.335757	0.783329	-1.2766	0.469506	1.19846	1.19846	0.0629679	0.59772	-1.67302	0.0841651	0.624948	-1.60013	7.94036	7.61192	0.852121	1
cg23535170	0.0919607	1.73725	1.73725	0.441595	0.791671	-1.26315	0.26932	1.40844	1.40844	0.530682	0.827718	-1.20814	6.32101	8.87326	1.2478	1
cg18011571	0.0371199	1.49479	1.49479	0.431062	1.14281	1.14281	0.559041	0.906521	-1.10312	0.840371	0.967056	-1.03407	5.6651	2.47545	0.388413	1
cg05678938	0.0237054	1.2734	1.2734	0.0408495	0.809539	-1.23527	0.275228	0.903387	-1.10695	0.338577	1.09231	1.09231	4.73433	0.600721	0.112788	1
cg21133608	0.717079	1.04603	1.04603	0.350912	1.12606	1.12606	0.169809	1.19821	1.19821	0.0200709	0.706885	-1.41466	4.27861	1.03626	0.215286	1
cg21852757	0.0862821	1.52031	1.52031	0.0775106	1.54303	1.54303	0.129411	1.43644	1.43644	0.290253	0.784574	-1.27458	4.09088	3.16568	0.687855	1
cg20568102	0.172635	1.43525	1.43525	0.0360271	1.83514	1.83514	0.879311	1.03855	1.03855	0.0389525	0.551544	-1.81309	3.71395	3.64558	0.872526	1
cg04062383	0.0201765	3.24784	3.24784	?	?	?	0.071133	0.433033	-2.30929	0.861513	1.07386	1.07386	4.1734	7.18245	2.00784	1
cg07301952	0.0229874	0.412963	-2.42153	0.000240365	0.138574	-7.21634	0.240594	1.49113	1.49113	0.987166	0.994783	-1.00524	9.98192	16.7184	1.48877	1
cg01848352	0.0217533	0.531161	-1.88267	0.152477	0.703244	-1.42198	0.165335	1.40484	1.40484	0.306371	1.2754	1.2754	8.2455	6.89068	0.742835	1
cg16271622	0.366528	0.832124	-1.20174	0.701835	0.926629	-1.07918	0.0496161	0.64165	-1.55848	0.00189733	0.418178	-2.39132	5.84596	3.63342	0.552469	1
cg02776251	0.132322	1.15115	1.15115	2.58E-06	0.373809	-2.67516	0.00834713	0.746668	-1.33928	0.548483	0.948739	-1.05403	22.5355	2.68082	0.105742	1
cg15000998	0.014135	0.587807	-1.70124	0.839309	1.03627	1.03627	0.11272	0.738637	-1.35384	0.0702557	1.42628	1.42628	14.9682	7.29877	0.433438	1
cg05577848	0.768835	0.906249	-1.10345	0.373882	1.35648	1.35648	0.889916	1.04734	1.04734	0.965286	1.01464	1.01464	6.79778	12.012	1.57071	1
cg14397459	0.0210456	1.47559	1.47559	0.00150188	0.526571	-1.89908	0.76104	1.04369	1.04369	0.947156	1.00934	1.00934	5.06772	1.57743	0.276686	1
cg13357812	0.139012	0.725332	-1.37868	0.695225	0.923672	-1.08264	0.00488287	0.471261	-2.12197	0.884711	1.02969	1.02969	3.57994	2.30566	0.572488	1
cg12304441	0.122069	1.23877	1.23877	0.838154	1.02648	1.02648	0.953324	0.992549	-1.00751	0.182578	1.1981	1.1981	3.56494	0.921766	0.229835	1
cg23772557	0.172052	0.797832	-1.2534	0.000626292	0.441706	-2.26395	0.831354	0.967408	-1.03369	0.39073	1.14641	1.14641	4.71137	1.80127	0.339843	1
cg14326747	0.37107	1.07303	1.07303	0.643646	0.964882	-1.0364	0.889778	1.0107	1.0107	0.0871718	1.15597	1.15597	3.6918	0.344343	0.0829088	1
cg00301601	0.52619	1.17149	1.17149	0.00317009	0.370326	-2.70032	0.404002	0.810232	-1.23421	0.24493	1.34951	1.34951	3.48829	3.35519	0.854974	1
cg09413933	0.30348	0.956964	-1.04497	0.065894	1.0889	1.0889	0.00167546	1.20376	1.20376	0.00210018	1.19551	1.19551	12.7811	0.344833	0.0239822	1
cg27473997	0.0217914	0.275965	-3.62365	0.027313	0.294882	-3.39118	0.0878159	0.414346	-2.41344	0.0215642	0.275114	-3.63486	4.4855	15.5347	3.07851	1
cg09143655	0.375741	0.734451	-1.36156	0.0509798	0.470136	-2.12705	0.0116549	0.342895	-2.91634	0.00463044	0.278318	-3.59301	5.18026	9.4569	1.62272	1
cg24789143	0.131188	0.704294	-1.41986	0.0851898	0.664061	-1.50588	0.0317439	0.581851	-1.71865	0.0295484	0.576279	-1.73527	3.83926	2.81354	0.651409	1
cg10685559	0.476588	1.37403	1.37403	0.0772363	0.422131	-2.36894	0.368622	0.666711	-1.4999	0.0577899	0.389944	-2.56447	5.33389	16.2818	2.71335	1
cg00077299	0.678946	1.04161	1.04161	0.0999471	1.19312	1.19312	0.037808	0.789834	-1.26609	0.172811	0.867531	-1.1527	4.05154	0.615645	0.13507	1
cg18699242	0.950146	0.963761	-1.0376	0.0261829	0.210711	-4.74584	0.078291	0.315148	-3.17312	0.621715	0.745564	-1.34127	3.58584	19.7923	4.90628	1
cg01165661	0.128268	0.543398	-1.84027	0.000280325	0.110385	-9.05918	0.138134	0.553079	-1.80806	0.00363208	0.232262	-4.30549	10.94	23.8442	1.93737	1
cg10893140	4.33E-05	0.485489	-2.05978	0.748767	0.970533	-1.03036	0.0136221	1.32855	1.32855	0.162314	1.14897	1.14897	10.6497	1.46141	0.121978	1
cg09827701	0.0483435	0.526559	-1.89912	0.00319518	3.14069	3.14069	0.0510587	1.88089	1.88089	0.386783	1.28689	1.28689	10.1073	12.9391	1.13793	1
cg13606999	0.732683	0.900044	-1.11106	0.00122953	0.23413	-4.27113	0.118926	1.6818	1.6818	0.267921	1.42544	1.42544	5.93227	8.86477	1.32829	1
cg04073039	0.00354088	0.433359	-2.30756	0.00921736	2.01214	2.01214	0.0178622	1.83853	1.83853	0.145995	1.39117	1.39117	4.91119	3.48019	0.629887	1
cg07188239	0.0155855	1.55775	1.55775	0.0811828	1.33501	1.33501	0.111545	1.29568	1.29568	0.390846	0.876864	-1.14043	3.69748	1.30803	0.314455	1
cg19979540	0.000163772	0.324462	-3.08202	0.0197317	0.610758	-1.63731	0.795314	0.9555	-1.04657	0.85187	0.967798	-1.03327	8.29024	4.02548	0.431617	1
cg22595806	0.329085	0.855793	-1.16851	0.04363	1.43137	1.43137	0.0728295	0.733896	-1.36259	0.132831	0.778238	-1.28495	4.70952	1.78286	0.336502	1
cg06838422	2.15E-05	0.246185	-4.06199	0.211365	0.805843	-1.24094	0.362119	0.857642	-1.16599	1.49E-05	0.229093	-4.36503	21.5386	9.16836	0.378374	1
cg26877327	0.00186465	0.697514	-1.43366	0.00253039	1.40788	1.40788	0.486397	1.05942	1.05942	0.310017	0.917837	-1.08952	12.117	1.27825	0.093771	1
cg08107208	0.0225684	1.34588	1.34588	0.0280291	1.32613	1.32613	0.0873505	0.814418	-1.22787	0.487366	0.926127	-1.07977	5.13369	0.961793	0.166533	1
cg10950050	0.250412	1.19124	1.19124	0.00152049	0.514151	-1.94495	0.952435	1.00873	1.00873	0.304761	1.16748	1.16748	3.43278	1.1542	0.298871	1
cg24213634	0.739342	1.04146	1.04146	0.000410847	0.505373	-1.97874	0.772166	0.965297	-1.03595	0.364895	1.11993	1.11993	5.04072	1.18156	0.208358	1
cg18124616	0.589787	1.21964	1.21964	0.0125585	0.322244	-3.10324	0.166985	1.71164	1.71164	0.371894	1.39716	1.39716	3.41258	7.19249	1.87346	1
cg09901932	0.784432	1.07115	1.07115	9.73E-07	0.0394588	-25.3429	0.571884	1.15395	1.15395	0.0493713	1.75462	1.75462	22.9579	22.8487	0.884658	1
cg05599930	0.222637	0.815296	-1.22655	0.000530388	0.423277	-2.36252	0.561118	1.09816	1.09816	0.73191	1.05632	1.05632	7.55752	3.03889	0.357423	1
cg25821437	0.127013	1.62649	1.62649	0.00481089	3.01189	3.01189	0.00244137	3.46587	3.46587	0.0876012	1.74325	1.74325	4.26621	5.86919	1.22288	1
cg27234090	0.470063	0.76349	-1.30977	0.62448	0.834301	-1.19861	0.454574	1.32274	1.32274	0.156255	1.7453	1.7453	3.58354	7.65268	1.89823	1
cg13953978	0.0910794	0.444862	-2.24789	0.00304407	0.170885	-5.85188	0.475839	0.729394	-1.371	0.0199482	0.294499	-3.3956	4.72683	14.1791	2.66639	1
cg01447427	0.214433	0.692916	-1.44318	0.000220723	0.177755	-5.62571	0.488212	1.21854	1.21854	0.000725598	0.23629	-4.23209	8.73678	10.9009	1.10907	1
cg22374567	0.0139005	0.766592	-1.30447	0.561993	1.05262	1.05262	0.0800785	1.18512	1.18512	0.0796563	1.18546	1.18546	9.01111	1.09175	0.107694	1
cg08535938	0.340219	1.25379	1.25379	0.0421003	0.583405	-1.71408	0.00478121	2.36741	2.36741	0.00900191	2.14726	2.14726	8.92991	7.48853	0.745413	1
cg11795308	0.181516	0.626059	-1.59729	7.42E-05	0.0928445	-10.7707	0.0800939	0.526697	-1.89862	0.02018	0.396508	-2.52202	8.28858	14.3111	1.53476	1
cg12584865	0.108677	0.593893	-1.6838	0.00025035	0.165468	-6.04345	0.374978	1.31149	1.31149	0.166445	0.644442	-1.55173	7.99009	11.2222	1.24845	1
cg17017284	0.490425	0.813146	-1.22979	0.0203381	0.437873	-2.28377	0.113171	1.66373	1.66373	0.0627786	0.538906	-1.85561	3.59074	4.95842	1.22746	1
cg22748407	0.118112	1.21377	1.21377	0.74157	1.03851	1.03851	0.361947	1.11292	1.11292	0.000130715	2.13457	2.13457	27.2525	5.62652	0.183519	1
ch.17.655115F	0.00142557	0.369632	-2.7054	0.258537	1.28953	1.28953	0.348802	0.812171	-1.23127	0.437303	1.18638	1.18638	5.55303	4.09157	0.65495	1
cg06218113	0.647125	0.773972	-1.29204	?	?	?	0.632378	1.30726	1.30726	0.640658	1.29867	1.29867	4.82421	18.365	4.35068	1
cg15752436	0.0307574	2.61631	2.61631	0.0653495	2.19057	2.19057	0.0342871	2.55001	2.55001	0.772069	0.895746	-1.11639	4.59191	10.4498	2.02284	1
cg25278325	0.72673	1.09218	1.09218	0.486907	0.837341	-1.19426	0.34971	0.785118	-1.27369	0.150965	0.679233	-1.47225	4.30655	4.30781	0.889149	1
cg16245868	0.0375957	0.394385	-2.53559	9.42E-05	0.0682491	-14.6522	0.721466	1.14806	1.14806	0.213712	0.603498	-1.65701	9.21187	21.7063	2.09453	1
cg03317618	0.119151	1.2984	1.2984	0.00492223	0.562594	-1.77748	0.0179532	0.641455	-1.55896	0.00914076	1.66733	1.66733	8.95277	3.3803	0.335618	1
cg06881398	0.316114	1.27207	1.27207	0.000890541	3.17591	3.17591	0.0666118	1.61212	1.61212	0.254424	0.758583	-1.31825	5.74879	4.90832	0.758933	1
cg15949924	0.00639909	0.566906	-1.76396	0.511186	0.898876	-1.1125	0.0871058	1.35289	1.35289	0.133416	1.29563	1.29563	5.58312	2.26319	0.360323	1
cg24251441	0.0362913	2.64665	2.64665	0.19392	0.577192	-1.73252	0.0155587	3.27491	3.27491	0.731214	1.14783	1.14783	4.31957	10.9378	2.25079	1
cg04682133	0.269261	1.51024	1.51024	0.0305281	0.402185	-2.48642	0.473775	0.770231	-1.29831	0.0298002	2.49988	2.49988	3.69399	7.51211	1.80765	1
cg00164894	0.939968	1.01403	1.01403	0.00151137	2.32902	2.32902	0.786099	0.950924	-1.05161	0.899831	1.02357	1.02357	3.58628	1.94376	0.481776	1
cg01141769	0.711898	0.963093	-1.03832	0.520164	1.06832	1.06832	0.0388317	1.27443	1.27443	5.12E-05	2.15741	2.15741	9.88635	1.60918	0.144682	1
cg03562367	0.490592	0.815988	-1.22551	0.0398677	0.501609	-1.99359	0.943849	0.979751	-1.02067	0.00166485	0.270837	-3.69226	6.89326	9.20767	1.18733	1
cg06114765	0.00320958	1.81965	1.81965	0.032533	0.689066	-1.45124	0.520327	0.90757	-1.10184	0.626699	1.07568	1.07568	3.75349	1.31685	0.311854	1
cg10531088	0.470175	0.619428	-1.61439	0.00213849	0.0600895	-16.6418	0.00964467	0.118182	-8.4615	0.0170145	0.150026	-6.66552	5.04004	33.9234	5.98291	1
cg03674851	0.16164	0.748459	-1.33608	1.83E-05	0.183814	-5.44029	3.36E-06	0.119434	-8.37281	3.11E-05	0.206891	-4.83346	41.2994	24.5816	0.529072	1
cg18094999	0.0139844	0.779881	-1.28225	7.53E-06	0.446333	-2.24048	0.320213	0.919308	-1.08777	0.863085	0.985961	-1.01424	21.2249	2.25546	0.0944577	1
cg03711457	0.0422339	0.655498	-1.52556	0.00105253	0.416946	-2.39839	0.0460644	0.661909	-1.51078	0.60793	0.910825	-1.09791	7.50641	3.87349	0.458689	1
cg12833952	0.0109242	0.403857	-2.47613	0.000210967	0.172332	-5.80275	0.172672	0.662382	-1.5097	0.597006	1.16351	1.16351	6.96981	8.89221	1.13406	1
cg17055736	0.219653	0.648481	-1.54207	0.0218254	0.397103	-2.51824	0.241143	0.662491	-1.50945	0.266036	0.677799	-1.47536	5.88007	10.4865	1.58525	1
cg19174165	0.942188	1.01578	1.01578	0.0163479	0.530701	-1.8843	0.956719	1.01178	1.01178	0.0711048	0.647162	-1.54521	3.55444	2.62261	0.655859	1
cg05246057	0.000337458	0.501762	-1.99298	0.248052	1.15502	1.15502	0.314812	0.883335	-1.13207	0.282877	0.875318	-1.14244	36.2222	8.17099	0.200515	1
cg18313094	0.000686844	0.342257	-2.92178	9.44E-05	4.21654	4.21654	5.00E-05	0.207308	-4.82373	0.00353796	0.441445	-2.26529	33.2995	22.5583	0.602167	1
cg18715189	0.325076	1.2344	1.2344	0.372258	0.827096	-1.20905	3.11E-06	0.100721	-9.92839	0.353892	0.820649	-1.21855	26.3932	17.9511	0.604571	1
cg16675193	0.278109	1.24993	1.24993	0.00354969	0.457667	-2.18499	0.3456	1.21184	1.21184	0.00262845	0.4388	-2.27894	25.9287	16.0677	0.550832	1
cg17352109	0.21444	1.12097	1.12097	0.00045217	1.62105	1.62105	0.159163	1.1405	1.1405	0.981818	0.998011	-1.00199	23.7765	2.87488	0.107478	1
cg07499372	0.758593	1.08133	1.08133	0.000860672	0.28102	-3.55847	0.930446	1.02239	1.02239	0.235138	0.729322	-1.37114	22.6312	23.063	0.90585	1
cg18723276	0.728313	0.934167	-1.07047	0.000165424	3.50263	3.50263	0.357854	1.2028	1.2028	0.454496	1.16041	1.16041	19.3783	11.704	0.536864	1
cg16889990	0.507923	1.06945	1.06945	0.000247779	1.8309	1.8309	0.00223644	0.65186	-1.53407	0.000621002	0.59072	-1.69285	16.8186	2.66178	0.140679	1
cg20700952	0.114974	1.37461	1.37461	0.00026979	3.03154	3.03154	0.00755264	1.89273	1.89273	0.795559	0.952943	-1.04938	15.7803	8.61239	0.485127	1
cg04995311	0.000349776	0.170817	-5.85422	0.124722	1.66701	1.66701	0.000744683	4.82586	4.82586	0.031294	2.17449	2.17449	15.1645	22.7049	1.33088	1
cg12570013	0.00107735	0.183297	-5.45563	4.30E-05	0.0651919	-15.3393	0.263097	1.50678	1.50678	0.745113	1.12145	1.12145	13.5777	26.5527	1.73832	1
cg08633479	0.00166953	0.161385	-6.19635	0.000123171	15.1428	15.1428	0.0171133	3.25127	3.25127	0.103325	0.485372	-2.06027	11.1108	28.9641	2.31719	1
cg22338152	0.220938	0.566431	-1.76544	6.41E-05	0.0389138	-25.6978	0.00202695	0.146223	-6.83886	0.263689	0.597696	-1.67309	10.4633	32.3346	2.74692	1
cg12243267	0.000982121	0.118847	-8.41419	0.000228228	14.3221	14.3221	0.124587	2.06003	2.06003	0.731624	0.86102	-1.16141	10.1713	30.4335	2.65964	1
cg02399469	0.725877	0.865884	-1.15489	0.00044096	0.103271	-9.6833	0.335048	1.50184	1.50184	0.18472	0.562426	-1.77801	8.09106	21.4455	2.35602	1
cg06171908	0.170095	0.607805	-1.64526	0.00161328	0.214242	-4.66762	0.0472874	2.16713	2.16713	0.329635	1.4089	1.4089	7.11239	13.0793	1.63462	1
cg16547341	0.151612	0.573286	-1.74433	0.00338912	4.23236	4.23236	0.0846939	1.99481	1.99481	0.991706	0.996243	-1.00377	7.1113	14.7713	1.84637	1
cg07460734	0.00657516	0.194907	-5.13064	0.000421573	0.0750995	-13.3157	0.185576	1.91622	1.91622	0.657642	1.22955	1.22955	6.98265	23.7391	3.02198	1
cg13657776	0.406508	0.718546	-1.3917	0.000984723	0.148586	-6.73009	0.205582	0.594647	-1.68167	0.236283	0.616901	-1.62101	6.91198	16.5856	2.13293	1
cg16013247	0.0142058	0.513364	-1.94794	0.156504	1.39664	1.39664	0.059642	1.5976	1.5976	0.0308521	0.571882	-1.74861	6.1278	4.71504	0.683956	1
cg23401210	0.811125	0.952306	-1.05008	0.00738573	2.02306	2.02306	0.0234127	1.73809	1.73809	0.119882	1.41118	1.41118	5.20403	3.43425	0.586597	1
cg04704169	0.756961	1.12888	1.12888	0.00343855	0.211862	-4.72005	0.540547	1.27373	1.27373	0.867047	0.936662	-1.06762	5.03252	12.1554	2.147	1
cg07797208	0.511762	1.46087	1.46087	0.0013349	0.0701879	-14.2475	0.196468	0.459357	-2.17696	0.705975	1.24096	1.24096	4.34112	22.3064	4.56745	1
cg16594007	0.797034	1.17283	1.17283	0.00291721	0.0796738	-12.5512	0.0196575	0.174947	-5.71602	0.108333	0.338393	-2.95515	4.27903	25.9301	5.38649	1
cg26587228	0.0792182	0.234423	-4.2658	0.0047604	0.0614042	-16.2855	0.0217228	0.128598	-7.7762	0.377499	0.50961	-1.96228	4.16838	36.5857	7.80173	1
cg18262852	0.0109224	2.31403	2.31403	0.0842193	0.605508	-1.65151	0.0324377	1.93018	1.93018	0.444938	1.22692	1.22692	7.29536	7.96885	0.970949	1
cg03883256	0.235892	1.91703	1.91703	0.00490351	0.141828	-7.05079	0.0253238	4.02693	4.02693	0.724455	0.830746	-1.20374	6.89263	29.9647	3.86432	1
cg03263549	0.0270505	0.405961	-2.46329	0.726362	1.12864	1.12864	0.629018	0.845639	-1.18254	0.161858	0.597828	-1.67272	6.52851	12.2651	1.66995	1
cg08294986	0.0365124	4.03861	4.03861	0.683239	1.26571	1.26571	0.0288588	4.3935	4.3935	0.00557025	8.09569	8.09569	4.50134	23.518	4.64414	1
cg27092752	0.0224281	7.50937	7.50937	0.710967	1.3157	1.3157	0.0426983	5.58351	5.58351	0.00405471	17.1921	17.1921	4.30318	37.0327	7.64969	1
cg10353108	0.0580664	7.85504	7.85504	0.43746	2.14283	2.14283	0.0303478	11.5805	11.5805	0.0141005	18.4532	18.4532	3.87548	56.8242	13.0333	1
cg16356224	0.101985	1.8395	1.8395	0.311816	0.700272	-1.42802	0.211174	1.56607	1.56607	0.966042	1.0146	1.0146	3.84236	7.05594	1.63232	1
cg12716639	0.222392	2.62554	2.62554	0.555592	1.56638	1.56638	0.057667	5.03183	5.03183	0.121731	0.282855	-3.53538	3.77007	33.8349	7.97743	1
cg25538627	0.0831618	8.58541	8.58541	0.206814	4.44722	4.44722	0.0486894	12.4743	12.4743	0.00881653	42.0027	42.0027	3.56827	70.9987	17.6864	1
cg13442428	0.00527622	3.51437	3.51437	0.176831	0.612265	-1.63328	0.305533	1.437	1.437	0.382559	0.736381	-1.35799	3.65178	6.75388	1.64398	1
cg10598356	0.0582646	0.728388	-1.3729	0.0029395	1.83101	1.83101	0.58115	1.08602	1.08602	0.0176127	1.53368	1.53368	8.91952	3.09807	0.308743	1
cg24679423	0.210379	1.68843	1.68843	0.129719	1.91481	1.91481	0.0152309	3.26353	3.26353	0.874508	1.06473	1.06473	6.55799	16.358	2.21722	1
cg11426726	0.0813379	0.365052	-2.73933	0.0398221	0.289546	-3.45368	0.625369	0.773644	-1.29258	0.147335	0.444435	-2.25005	3.68864	15.8916	3.82956	1
cg12535380	0.759258	0.926722	-1.07907	0.00372517	0.379102	-2.63782	0.0121549	0.461259	-2.16798	0.730355	0.917908	-1.08943	7.51318	7.29384	0.862939	1
cg00364557	0.0852455	0.66089	-1.51311	0.512745	0.865454	-1.15546	0.75211	0.933351	-1.07141	0.717702	0.924014	-1.08223	5.77465	4.3333	0.667023	1
cg19552565	0.0199744	0.539423	-1.85383	0.314484	0.795615	-1.25689	0.0441805	0.601594	-1.66225	0.776313	1.06462	1.06462	4.07685	3.11964	0.680184	1
cg03124318	0.0188829	0.339505	-2.94547	0.0351032	0.393549	-2.54098	0.903432	1.04719	1.04719	0.0205847	0.346615	-2.88504	3.76478	8.60445	2.03157	1
cg07042164	0.0717353	0.738513	-1.35407	0.11935	0.775065	-1.29021	0.854067	0.972624	-1.02815	0.652832	0.934013	-1.07065	14.6336	5.26761	0.319969	1
cg07013032	0.376414	1.18364	1.18364	0.000691655	2.61653	2.61653	0.780941	0.949538	-1.05314	0.125607	1.36051	1.36051	8.93539	4.88195	0.485654	1
cg02634998	0.0208594	0.68537	-1.45907	0.00788212	1.58899	1.58899	0.470908	0.905158	-1.10478	0.740359	0.955825	-1.04622	8.23281	2.40669	0.259849	1
cg27564284	0.00529206	0.603873	-1.65598	0.024513	1.4443	1.4443	0.0475615	0.732757	-1.36471	0.185042	0.824589	-1.21273	7.10622	2.11899	0.265056	1
cg20350269	0.929551	1.0108	1.0108	0.186263	0.843491	-1.18555	0.428369	0.906458	-1.1032	0.0255028	1.38046	1.38046	6.59145	1.54024	0.207708	1
cg09796602	0.116987	0.549708	-1.81915	0.107992	0.539981	-1.85192	0.598233	1.20544	1.20544	0.00564033	0.279024	-3.58392	5.48493	10.7255	1.73818	1
cg03379367	0.00063021	0.413255	-2.41982	0.205136	0.798637	-1.25213	0.174654	1.27486	1.27486	0.41544	1.15027	1.15027	5.4607	2.44658	0.398252	1
cg04528218	0.268403	1.27249	1.27249	0.0137171	0.528847	-1.89091	0.219848	0.763617	-1.30956	0.477906	0.859993	-1.1628	3.91194	2.70737	0.615183	1
cg04922034	0.929809	0.96955	-1.03141	0.507215	0.78965	-1.26638	0.9129	0.962323	-1.03915	0.858502	1.06464	1.06464	3.52968	6.88716	1.73441	1
cg23231873	0.531785	0.831972	-1.20196	0.214898	0.684418	-1.4611	0.0192613	0.439422	-2.27572	0.92355	0.972507	-1.02827	11.997	14.2476	1.1876	1
cg19024352	0.557292	1.18757	1.18757	0.000311001	0.183737	-5.44257	0.341254	1.32849	1.32849	0.0986684	0.591861	-1.68959	10.6871	14.1995	1.18104	1
cg03411133	0.000373296	0.237704	-4.20691	0.00108973	0.296235	-3.3757	0.176139	0.695549	-1.43771	0.0114348	0.449807	-2.22317	10.2819	10.3767	0.89709	1
cg01418536	0.595608	1.06899	1.06899	0.0204306	0.706108	-1.41621	0.569546	0.930912	-1.07422	0.0264408	0.720513	-1.3879	7.77086	1.90927	0.218397	1
cg23057271	0.0120557	0.511605	-1.95463	1.86E-05	0.154643	-6.46651	4.05E-05	0.186919	-5.34991	0.352378	0.814754	-1.22736	24.395	17.7061	0.645165	1
cg06517794	0.0170521	1.3874	1.3874	1.20E-07	0.149257	-6.69987	0.550212	1.07042	1.07042	0.0149754	0.714083	-1.4004	52.2888	10.496	0.178429	1
cg17488052	0.974251	1.00639	1.00639	0.0749343	1.47923	1.47923	0.318258	0.815762	-1.22585	0.284915	0.803109	-1.24516	3.51165	2.16727	0.548592	1
cg03582761	0.00696392	0.657828	-1.52015	0.00168981	0.583755	-1.71305	0.0863197	1.25524	1.25524	0.157487	1.19882	1.19882	5.51483	1.25708	0.202618	1
cg03589282	0.556273	0.876238	-1.14124	0.0248937	1.80879	1.80879	0.0775678	1.54579	1.54579	0.448641	0.842464	-1.18699	17.4171	13.5958	0.693866	1
cg01145124	0.0573289	1.50999	1.50999	0.0717643	1.47008	1.47008	0.723257	1.07052	1.07052	0.930877	1.01677	1.01677	7.99069	4.64916	0.517175	1
cg12310231	0.742439	1.07513	1.07513	0.049802	1.63481	1.63481	0.329645	0.80172	-1.24732	0.0223029	0.547933	-1.82504	7.20957	5.51012	0.679358	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg02054108	USP34	0.0124021	0.322067	0.857097	-1.16673	0.0143856	1.57586	1.57586	0.0517875	1.39604
cg12529868	USP34	0.0446834	0.0184568	0.44592	-2.24256	0.0752966	0.57145	-1.74993	0.722091	0.904015
cg04817034	USP35	9.62E-05	0.00742842	0.561096	-1.78223	1.51E-05	0.22256	-4.49318	8.64E-06	0.197787
cg15243034	USP35	0.000218951	0.0011827	4.7391	4.7391	0.0302949	2.30029	2.30029	0.0473969	2.10005
cg09176233	USP35	0.00136533	0.645135	0.874817	-1.1431	0.0199346	0.444748	-2.24846	0.00127551	0.257923
cg12161971	USP35	0.00702305	0.0157676	9.63668	9.63668	0.0172587	9.22121	9.22121	0.169906	3.06356
cg27340269	USP35	0.0142574	0.205009	0.803387	-1.24473	0.860408	0.971596	-1.02923	0.00373249	0.526698
cg19972312	USP35	0.0222287	0.770538	0.953244	-1.04905	0.000572782	2.3941	2.3941	0.494336	0.892592
cg02537108	USP35	0.0267187	0.0465752	3.85775	3.85775	0.0892525	3.03451	3.03451	0.0825872	3.12327
cg20563498	USP35	0.0330033	0.127405	0.584411	-1.71112	0.00464452	0.29321	-3.41053	0.242935	0.671547
cg24744104	USP35;KCTD21	5.57E-05	0.685746	1.06308	1.06308	0.78261	1.04247	1.04247	0.374553	1.14688
cg00808969	USP35;KCTD21	0.0349895	0.444812	0.70631	-1.41581	0.0930324	2.28151	2.28151	0.307337	1.60272
cg21840211	USP36	0.000156346	0.000313648	0.305453	-3.27382	0.97074	1.00747	1.00747	0.00011986	0.255356
cg01385356	USP36	0.000193872	0.554602	1.2017	1.2017	0.0717295	0.53897	-1.85539	0.133875	0.608365
cg24427271	USP36	0.00109538	0.180121	0.724666	-1.37995	0.0500152	1.65802	1.65802	0.393855	1.21847
cg18303410	USP36	0.00290696	0.111069	0.514559	-1.94341	0.171495	0.572793	-1.74583	0.471357	0.755447
cg05380734	USP36	0.00383205	0.146147	0.64931	-1.5401	0.835305	1.05932	1.05932	0.0444569	0.527887
cg27578381	USP36	0.00501838	0.999324	1.00033	1.00033	0.020006	0.335679	-2.97904	0.00957757	0.279258
cg23496516	USP36	0.0117848	0.142145	0.39595	-2.52557	0.379987	1.69677	1.69677	0.953045	1.03518
cg20126656	USP36	0.0118538	0.00346837	0.615239	-1.62539	0.232882	0.858005	-1.16549	0.0010437	0.552044
cg00863271	USP36	0.0181321	0.323385	1.28675	1.28675	0.644285	0.891433	-1.12179	0.926932	1.02293
cg09935461	USP36	0.0296689	0.23183	0.74531	-1.34172	0.032853	1.79521	1.79521	0.0775015	0.631287

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg06693138	USP5;USP5;CDCA3	0.0343665	0.00164289	0.48411	-2.06565	0.77953	0.955842	-1.0462
cg05603938	USP5;USP5;CDCA3;CDCA3	0.00138261	0.099179	0.803438	-1.24465	0.03979	0.749915	-1.33348
cg25289431	USP6	8.21E-05	0.219605	1.31464	1.31464	0.00121588	0.366602	-2.72775
cg06325889	USP6	0.000116772	0.41051	0.940564	-1.06319	0.349688	1.0726	1.0726
cg23416909	USP6	0.000285014	0.0192123	2.28637	2.28637	0.962641	1.01377	1.01377
cg12954718	USP6	0.0339944	0.0125064	0.340201	-2.93944	0.930618	0.970232	-1.03068
cg21229954	USP6	0.0412253	0.141419	0.582327	-1.71725	0.472794	0.779042	-1.28363
cg08742106	USP6;USP6	0.00047127	0.00553278	0.516713	-1.93531	0.00254331	0.46839	-2.13497
cg19956889	USP6NL	0.000235044	0.00113549	0.437065	-2.28799	0.609308	0.914748	-1.0932
cg03475172	USP6NL	0.0009648	0.0829066	0.652158	-1.53337	0.0746575	1.5559	1.5559
cg10607899	USP6NL	0.00306789	0.375316	0.845926	-1.18214	0.343486	1.19657	1.19657
cg16063308	USP6NL	0.0121667	0.281377	1.32999	1.32999	0.00256953	0.344788	-2.90033
cg07318428	USP6NL	0.0441576	0.157895	0.6261	-1.59719	0.000823187	0.209553	-4.77207
cg02577487	USP6NL;USP6NL	0.000130068	0.950933	1.00405	1.00405	0.179699	0.91065	-1.09812
cg19871361	USP6NL;USP6NL	0.000484834	0.347184	0.804107	-1.24362	0.332602	1.25248	1.25248
cg25421941	USP6NL;USP6NL	0.00104036	0.660652	0.91692	-1.09061	0.0420749	1.58385	1.58385
cg00156395	USP6NL;USP6NL	0.00514219	0.00235591	0.547676	-1.8259	0.78385	1.03979	1.03979
cg06873374	USP6NL;USP6NL	0.00804144	0.165432	0.667085	-1.49906	0.0291808	0.494951	-2.0204
cg06918917	USP6NL;USP6NL	0.00970276	0.0247948	0.332312	-3.00922	0.00150705	0.151803	-6.5875
cg08699489	USP6NL;USP6NL	0.0106309	0.0180112	0.509265	-1.96362	0.00743351	0.445063	-2.24687
cg08627768	USP6NL;USP6NL	0.0246062	0.0372226	0.363391	-2.75185	0.00357161	0.191636	-5.21823
cg07206497	USP6NL;USP6NL	0.0247355	0.0162525	0.391007	-2.5575	0.00362063	0.284201	-3.51863
cg02528908	USP6NL;USP6NL	0.0450614	0.0312321	0.288604	-3.46495	0.0162528	0.235764	-4.24154
cg02596819	USP7	0.000221599	0.000199337	0.42718	-2.34093	0.087853	1.29239	1.29239
cg02322140	USP7	0.000331751	3.47E-05	0.417538	-2.39499	0.589047	1.06132	1.06132
cg06725705	USP7	0.00180004	0.174841	0.776279	-1.2882	0.205793	1.26393	1.26393
cg01594767	USP7	0.00259706	0.332526	1.16539	1.16539	0.0104239	0.610311	-1.63851
cg03553715	USP7	0.00274575	0.116832	0.270309	-3.69947	0.536136	1.61775	1.61775
cg00607630	USP7	0.00447646	0.0114964	0.46937	-2.13051	0.00583158	2.37195	2.37195
cg01001049	USP7	0.00636611	0.0214321	0.36902	-2.70988	0.00261084	0.222276	-4.49892
cg27193204	USP7	0.00908972	0.202708	0.601834	-1.66159	0.0299907	0.381388	-2.622
cg02045745	USP7	0.010842	0.0157591	0.251913	-3.96962	0.00304282	0.150796	-6.63146
cg26791488	USP7	0.0163695	0.591326	0.894707	-1.11768	0.00141388	2.5817	2.5817
cg12914014	USP7	0.019028	0.00487174	0.28178	-3.54886	0.033219	2.32739	2.32739
cg08313128	USP7	0.0309939	0.276154	0.767388	-1.30312	0.245277	0.752724	-1.32851
cg06702537	USP7	0.0359028	0.00934109	0.393959	-2.53834	0.0105329	0.402789	-2.48269
cg00782163	USP7	0.0370527	0.371568	1.16689	1.16689	0.592543	0.91313	-1.09513
cg07093155	USP7	0.0387896	0.445978	1.38884	1.38884	0.598193	0.798633	-1.25214
cg01601926	USP7	0.0391036	0.0159221	3.1774	3.1774	0.00393158	4.56989	4.56989
cg26283202	USP8;USP8;USP8	0.0334165	0.487562	0.897076	-1.11473	0.0061276	0.576475	-1.73468
cg01852715	USP8;USP8;USP8;USP8;USP8	0.00343066	0.0615214	0.849741	-1.17683	0.173745	1.11838	1.11838
ch.X.665616F	USP9X;USP9X	0.00213506	0.335979	0.6682	-1.49656	0.154707	0.538496	-1.85702
cg06806679	USP9X;USP9X	0.0398572	0.521776	1.14	1.14	0.0171127	1.79761	1.79761
cg01302641	USP9X;USP9X;USP9X;USP9X	0.00332929	0.0922026	0.890183	-1.12336	0.0552536	0.872508	-1.14612
cg16711828	USPL1	0.000166069	0.000183155	0.430514	-2.3228	0.300312	1.15376	1.15376
cg10211454	USPL1	0.0287209	0.461579	0.698748	-1.43113	0.0664148	0.373603	-2.67664
cg14174116	USPL1	0.0314885	0.970957	1.01888	1.01888	0.00477585	6.85206	6.85206
cg27486715	USPL1;USPL1	0.0449066	0.113227	0.644641	-1.55125	0.330825	0.774459	-1.29122
cg04930982	UST	0.000282853	0.572732	1.07271	1.07271	2.74E-05	0.361166	-2.76881
cg15408737	UST	0.000302562	0.000534736	0.28065	-3.56316	0.000197261	0.228729	-4.37198
cg19757131	UST	0.000419441	0.000158079	0.0898438	-11.1304	0.00175473	0.189601	-5.27422
cg06259339	UST	0.00278448	0.00743536	0.538052	-1.85856	0.00863952	1.82567	1.82567
cg22680459	UST	0.00342349	0.0876027	1.17282	1.17282	0.440023	1.06884	1.06884
cg11009590	UST	0.00445976	0.00480162	0.22994	-4.34897	0.287193	1.54354	1.54354
cg09594210	UST	0.00602107	0.0347483	0.565442	-1.76853	0.523651	1.16151	1.16151
cg19382705	UST	0.00629499	0.0856111	0.584533	-1.71077	0.459695	1.23705	1.23705
cg06827883	UST	0.00773641	0.530398	1.22148	1.22148	0.0168821	0.399505	-2.5031
cg14714009	UST	0.0138817	0.0833295	0.816271	-1.22508	0.414245	1.09241	1.09241
cg15747423	UST	0.0154479	0.284497	0.682217	-1.46581	0.671193	1.15821	1.15821
cg10089542	UST	0.0183558	0.422157	1.16205	1.16205	0.00957413	0.548323	-1.82374
cg13837747	UST	0.0208661	0.157912	1.44902	1.44902	0.337819	0.784484	-1.27472
cg02257090	UST	0.0213808	0.227891	0.87616	-1.14134	0.286565	1.12254	1.12254
cg21162242	UST	0.0221945	0.123804	0.492251	-2.03148	0.0386896	0.361264	-2.76806
cg20043883	UST	0.0265831	0.0132137	0.109875	-9.10126	0.00458925	0.0663393	-15.074
cg08439439	UST	0.0306741	0.0197772	0.212402	-4.70806	0.00857494	0.157907	-6.33283
cg17384769	UST	0.0321659	0.0110421	0.124125	-8.05641	0.136617	0.350056	-2.85669
cg02561343	UST	0.0388929	0.300597	0.807786	-1.23795	0.720162	0.930914	-1.07421
cg09714379	UTF1	0.0105369	0.20138	0.930616	-1.07456	0.0505229	0.888008	-1.12612
cg02767771	UTF1	0.0257146	0.733346	0.962772	-1.03867	0.452964	0.918675	-1.08852
cg07456503	UTF1	0.0312427	0.234899	0.739464	-1.35233	0.00726246	0.431909	-2.3153
cg00646347	UTF1	0.0428766	0.0892385	0.553245	-1.80752	0.0847817	0.547657	-1.82596
cg11425754	UTP11L	0.00155303	0.0123817	0.739602	-1.35208	0.000789376	0.611736	-1.63469
cg03103611	UTP11L	0.0112577	0.00375586	0.0674763	-14.82	0.0114297	0.112889	-8.85824
cg25616684	UTP11L	0.0431275	0.749208	0.958032	-1.04381	0.458752	1.10611	1.10611
cg00379983	UTP14A;UTP14A	0.000881145	0.078308	1.71987	1.71987	0.205358	0.690438	-1.44836
cg01932223	UTP14A;UTP14A	0.00912438	0.00457952	0.190521	-5.24876	0.246315	0.587118	-1.70323
cg26345260	UTP14A;UTP14A	0.0496868	0.648226	1.25469	1.25469	0.133942	0.450047	-2.22199
cg10296688	UTP14C;ALG11	0.000610177	0.0637458	0.764539	-1.30798	0.00183176	1.76878	1.76878
cg25548582	UTP14C;ALG11	0.001256	0.0863108	1.35946	1.35946	0.0140816	0.611924	-1.63419
cg24167928	UTP14C;ALG11;UTP14C	0.0214492	0.542481	0.885207	-1.12968	0.000908066	0.374821	-2.66794
cg22811572	UTP15;ANKRA2	0.000583747	0.00248689	1.31169	1.31169	0.0354276	1.17124	1.17124
cg19762075	UTP18	0.0250228	0.473059	0.769047	-1.30031	0.00418885	0.25147	-3.97661
cg16793129	UTP20	0.00274333	0.850502	0.951171	-1.05134	0.00196617	3.19225	3.19225
cg11317086	UTP20	0.00666251	0.298616	1.14069	1.14069	0.458915	1.09652	1.09652
cg19109601	UTP20	0.0495449	0.152037	0.37518	-2.66539	0.61637	0.72418	-1.38087
cg09305680	UTP23	0.00014916	0.19117	0.640542	-1.56118	8.11E-05	0.101457	-9.8564
cg13005974	UTP23	0.00454934	?	?	?	0.882073	0.925481	-1.08052
cg14084888	UTP23	0.0105889	0.00381094	0.140795	-7.10254	0.544867	0.734991	-1.36056
cg03343534	UTP23	0.026393	0.0135766	0.281542	-3.55187	0.00347005	5.32667	5.32667
cg14530476	UTP23	0.0406074	0.930067	0.956241	-1.04576	0.00349291	0.119613	-8.36032
cg23809679	UTP3	5.13E-05	3.29E-05	0.709669	-1.40911	0.00889987	1.1521	1.1521
cg13382000	UTP3	0.00845781	0.0659962	2.5369	2.5369	?	?	?
cg06363887	UTP3	0.0187367	0.000689846	0.0283867	-35.2277	?	?	?
cg19021080	UTP3	0.0226339	0.935783	0.989529	-1.01058	0.742515	1.044	1.044
cg09209002	UTP3;UTP3	0.0258616	0.00793343	2.16704	2.16704	0.993874	0.998258	-1.00175
cg13647721	UTP6	0.0227917	0.735291	0.974483	-1.02619	0.0958078	1.14952	1.14952
cg00629700	UTP6	0.0363522	0.00202013	0.17424	-5.73922	0.313234	0.658034	-1.51968
cg27612058	UTP6;UTP6	0.00351606	0.194627	0.794237	-1.25907	0.34678	0.849868	-1.17665
cg17992034	UTRN	0.00224482	0.0143184	0.603027	-1.6583	0.0331457	0.658936	-1.5176
cg16689609	UTRN	0.00345258	0.504548	0.749017	-1.33508	0.0467078	2.64287	2.64287
cg01524618	UTRN	0.00412738	0.00141236	0.148843	-6.71848	0.0335048	0.35921	-2.78389
cg02133941	UTRN	0.00427659	0.120646	0.767674	-1.30264	0.0681227	0.725525	-1.37831
cg01834573	UTRN	0.00472369	0.0148876	0.428108	-2.33586	0.632439	1.14625	1.14625
cg02241111	UTRN	0.01367	0.70324	1.11299	1.11299	0.00128883	0.269303	-3.71329
cg15273575	UTRN	0.015536	0.00261051	0.298888	-3.34574	0.0296456	0.476341	-2.09933
cg05360911	UTRN	0.0177776	0.644276	1.09141	1.09141	0.00986135	0.541444	-1.84691
cg15794947	UTRN	0.0212678	0.0563989	0.779866	-1.28227	0.52291	0.928187	-1.07737
cg03917894	UTRN	0.0232168	0.909824	0.966322	-1.03485	0.0812248	0.557398	-1.79405
cg04925437	UTRN	0.0233303	0.807223	1.08447	1.08447	0.273137	0.685021	-1.45981
cg15892521	UTRN	0.0279508	0.145347	0.745806	-1.34083	0.350574	0.835091	-1.19747
cg23356505	UTRN	0.0324988	0.00796274	0.19125	-5.22876	0.140366	0.462423	-2.16252
cg01359933	UTRN	0.0325612	0.367922	0.867181	-1.15316	0.0174263	0.640165	-1.5621
cg07298875	UTRN	0.0351163	0.736329	0.919967	-1.087	0.00355644	2.65119	2.65119
cg12476487	UTRN	0.036991	0.0677826	0.646522	-1.54674	0.368929	0.82142	-1.2174
cg18800739	UTRN	0.0403079	0.235239	0.657448	-1.52103	0.0567162	2.06907	2.06907
cg24894158	UTRN	0.0441655	0.426817	0.787022	-1.27061	0.215027	0.680285	-1.46997
cg00864860	UTS2;UTS2	0.000276464	0.000578815	0.280501	-3.56505	0.0157563	0.493364	-2.0269
cg15727920	UTS2;UTS2	0.00496981	0.0189626	0.489414	-2.04326	0.036259	0.542077	-1.84476
cg20625138	UTS2;UTS2	0.0107541	0.0025555	0.213777	-4.67778	0.0242455	0.371435	-2.69226
cg12980000	UTS2D	0.00188076	0.0649296	1.41185	1.41185	0.350961	0.852364	-1.17321
cg11932343	UTS2D	0.00753078	0.741534	0.967451	-1.03364	0.847046	1.01949	1.01949
cg25350827	UTS2D	0.0165708	0.474973	1.14974	1.14974	0.0466687	0.64565	-1.54883
cg01954140	UTS2D	0.0215451	0.691338	0.900285	-1.11076	0.00113711	0.283675	-3.52516
cg11158430	UTS2D	0.04271	0.783858	1.07911	1.07911	0.00258293	0.314547	-3.17917
cg13506158	UTS2D;CCDC50;CCDC50	0.0248074	0.368417	0.719122	-1.39058	0.00580253	0.275355	-3.63168
cg12598178	UTS2R	1.21E-06	9.05E-06	0.316914	-3.15543	5.90E-06	0.293796	-3.40372
cg12166802	UTS2R	8.27E-05	0.000225847	0.127481	-7.84432	0.0100174	0.335615	-2.9796
cg16423811	UTS2R	8.49E-05	0.188943	0.757069	-1.32088	0.38047	1.19709	1.19709
cg10634115	UTS2R	0.000203304	0.000251359	0.185673	-5.38581	0.0817153	0.583893	-1.71264
cg19954017	UTS2R	0.000217176	0.0309145	0.483033	-2.07025	0.000774092	4.31079	4.31079
cg04191236	UTS2R	0.00260729	0.00263671	0.109625	-9.12197	0.00730974	0.159274	-6.27848
cg15587792	UVRAG	0.00381997	0.00994559	0.383149	-2.60995	0.00530047	0.338635	-2.95303
cg00687936	UVRAG	0.00997971	0.993117	0.999218	-1.00078	0.0275449	1.26661	1.26661
cg05343689	UVRAG	0.0159101	0.918703	0.976324	-1.02425	0.466304	1.19004	1.19004
cg17374002	UVRAG	0.0172301	0.129985	0.840462	-1.18982	0.0121315	1.40515	1.40515
cg04598420	UVRAG	0.039262	0.0721909	0.485568	-2.05945	0.0011864	0.180586	-5.53751
cg26541415	UVRAG	0.0414066	0.825997	1.07717	1.07717	0.585171	1.20455	1.20455
cg01496790	UVRAG;UVRAG	0.0223549	0.0271083	0.731044	-1.36791	0.140115	1.20935	1.20935
cg21738971	UXS1	0.00330614	0.000163845	0.215746	-4.63509	0.411879	1.22163	1.22163
cg08182191	UXS1	0.00493905	0.23266	0.716617	-1.39544	0.0049628	0.371458	-2.6921
cg22712920	UXS1	0.00932366	0.439798	0.929497	-1.07585	0.698136	0.964481	-1.03683
cg04848426	UXS1	0.0114861	0.0709902	0.379572	-2.63455	0.160035	0.486315	-2.05628

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)
cg01668174	UXS1	0.0290664	0.289339	0.879504	-1.137	0.0116942	1.44453	1.44453	0.0051892	1.53833	1.53833	0.433693
cg17567602	UXS1	0.0381901	0.0417286	0.478913	-2.08806	0.319745	1.38055	1.38055	0.011723	0.372467	-2.6848	0.131946
cg12295277	UXS1	0.041534	0.0146196	0.236212	-4.23349	0.0524987	0.347089	-2.8811	0.733482	0.848714	-1.17825	0.329994
cg15342308	UXT;LOC100133957;UXT;LOC100133957	0.0365707	0.423643	1.51836	1.51836	0.0704107	0.355772	-2.81079	0.397532	0.64229	-1.55693	0.00512783
cg03689540	UXT;UXT	0.00735298	0.528604	0.885009	-1.12993	0.00568589	0.499543	-2.00183	0.00397293	0.476607	-2.09816	0.0899773
cg11924796	UXT;UXT	0.00900046	0.268609	1.40317	1.40317	0.05739	0.531578	-1.88119	0.314016	0.736303	-1.35814	0.0276102
cg07861014	UXT;UXT	0.0218243	0.0759634	2.51088	2.51088	0.051953	0.356705	-2.80344	0.168479	0.504548	-1.98197	0.0815068
cg01381679	VAC14	8.29E-05	0.00448793	0.298407	-3.35112	0.210772	1.42531	1.42531	0.737177	1.09159	1.09159	?
cg27626318	VAC14	0.000711168	0.109182	1.2715	1.2715	0.100193	1.28104	1.28104	0.560776	0.922305	-1.08424	0.00486557
cg00370608	VAC14	0.00091369	0.00704563	0.671327	-1.48959	0.00187746	0.603873	-1.65598	0.0281422	0.743325	-1.34531	0.0472837
cg08842616	VAC14	0.00175547	0.914141	1.02514	1.02514	0.0404401	0.579862	-1.72455	0.63965	0.897112	-1.11469	0.664522
cg06880763	VAC14	0.0018369	0.527444	0.910883	-1.09784	8.68E-05	0.358277	-2.79113	0.0032478	0.557012	-1.79529	0.726436
cg27076536	VAC14	0.00260474	0.036219	0.60038	-1.66561	0.194437	1.33318	1.33318	0.289281	0.794189	-1.25915	0.00939529
cg05794310	VAC14	0.00432363	0.00828426	0.401799	-2.48881	0.76444	1.08456	1.08456	0.170421	0.67413	-1.48339	0.36407
cg10216848	VAC14	0.00516921	0.311308	1.40613	1.40613	0.000338416	6.54965	6.54965	0.200658	1.5524	1.5524	0.0783895
cg08382220	VAC14	0.00685917	0.00624332	0.174502	-5.73058	0.00587444	0.171031	-5.84691	0.530481	1.36513	1.36513	0.140946
cg09120395	VAC14	0.00781279	0.0159249	0.306923	-3.25815	0.00893665	0.264284	-3.78381	0.508418	0.764577	-1.30791	0.348645
cg08329113	VAC14	0.0138039	0.319358	0.849814	-1.17673	0.0969553	1.3339	1.3339	0.000388725	0.408777	-2.44632	0.439159
cg08796240	VAC14	0.0150293	0.331021	1.70239	1.70239	0.08463	0.363594	-2.75032	0.657589	0.789284	-1.26697	0.495675
cg17681818	VAC14	0.0177981	0.471238	0.894961	-1.11737	0.0597471	1.37945	1.37945	0.61251	1.08041	1.08041	0.149097
cg09998278	VAC14	0.0194544	0.0217713	0.627602	-1.59337	0.043558	1.4808	1.4808	0.0828609	0.722611	-1.38387	0.00314357
cg07527625	VAC14	0.0298685	0.323983	0.820063	-1.21942	0.03701	1.60266	1.60266	0.415192	1.17609	1.17609	0.822637
cg06357685	VAC14	0.0326344	0.232831	1.81615	1.81615	0.0933178	0.414599	-2.41197	0.0385111	0.318734	-3.13741	0.890954
cg05388330	VAC14	0.0470586	0.103637	0.748497	-1.33601	0.437121	1.13772	1.13772	0.27777	1.20167	1.20167	0.887198
cg07888926	VAC14;VAC14	0.00053831	0.0760262	1.87451	1.87451	0.566985	1.20222	1.20222	0.702096	1.1301	1.1301	0.231642
cg10899006	VAMP1;VAMP1;VAMP1	0.000203987	0.67147	0.982058	-1.01827	8.85E-05	0.7423	-1.34716	0.0115127	0.874476	-1.14354	0.012316
cg17720267	VAMP1;VAMP1;VAMP1	0.000328474	0.346799	0.883507	-1.13185	0.0381095	1.35976	1.35976	0.0992106	1.25993	1.25993	0.644546
cg09897131	VAMP1;VAMP1;VAMP1	0.00100602	0.107564	0.702076	-1.42435	0.0037546	0.454783	-2.19885	0.000166216	0.274744	-3.63975	0.868968
cg17092523	VAMP1;VAMP1;VAMP1	0.00499449	0.0146695	0.431503	-2.31748	0.0206883	0.458699	-2.18008	0.134548	0.636767	-1.57043	0.0190953
cg16390044	VAMP1;VAMP1;VAMP1	0.0123361	0.0783876	1.56027	1.56027	0.598165	0.886026	-1.12863	0.0312999	1.77677	1.77677	0.108814
cg16770549	VAMP1;VAMP1;VAMP1	0.014251	0.00478368	0.221253	-4.51971	0.0457716	0.397566	-2.5153	0.0578278	0.421512	-2.37241	0.0356309
cg15838914	VAMP1;VAMP1;VAMP1	0.0263981	0.00215266	0.239434	-4.17652	0.134814	0.585739	-1.70725	0.995498	1.00187	1.00187	0.693926
cg16790890	VAMP1;VAMP1;VAMP1;VAMP1;VAMP1;VAMP1	0.0309756	0.0230454	2.11841	2.11841	0.987593	1.00418	1.00418	0.0668514	1.7532	1.7532	0.0162853
cg02689667	VAMP2	0.0454469	0.305432	0.793345	-1.26048	0.85094	0.959792	-1.04189	0.894241	1.02944	1.02944	0.956701
cg26896768	VAMP2;VAMP2	0.000796218	8.69E-05	0.505119	-1.97973	0.00457814	0.693378	-1.44222	0.00622192	0.707543	-1.41334	0.00711521
cg12072178	VAMP3	1.26E-05	6.56E-05	0.121297	-8.24425	0.292457	0.730111	-1.36965	0.981291	1.00678	1.00678	0.481923
cg13488186	VAMP3	0.00272606	0.002083	0.283653	-3.52544	0.312121	0.737794	-1.35539	0.00941677	0.383954	-2.60448	0.305869
cg01514075	VAMP3	0.0130372	0.00398858	0.190112	-5.26006	0.0998247	0.461346	-2.16757	0.0720326	0.422587	-2.36637	0.202303
cg14993123	VAMP3	0.0199426	0.0358482	0.317521	-3.1494	0.208981	0.549245	-1.82068	?	?	?	0.582266
cg00703019	VAMP3	0.0390593	0.312652	0.869696	-1.14983	0.018492	1.46508	1.46508	0.495956	1.09682	1.09682	0.250304
cg01078174	VAMP3	0.0407383	0.0393057	0.345412	-2.89509	0.203168	0.549445	-1.82002	0.137739	0.490394	-2.03918	0.286801
cg10025645	VAMP4	0.00504401	0.0596035	0.796741	-1.25511	0.334016	1.11238	1.11238	0.0188971	1.35512	1.35512	0.0460907
cg03957476	VAMP4	0.00816264	0.967254	1.00801	1.00801	0.00290579	0.451504	-2.21482	0.0665549	0.670507	-1.49141	0.15248
cg15675198	VAMP4	0.0162681	0.0289471	0.254411	-3.93064	0.0816256	0.358492	-2.78946	0.0444186	0.293136	-3.41139	0.0287862
cg25651505	VAMP5	2.76E-06	3.02E-07	0.383284	-2.60903	0.00036777	0.69448	-1.43993	3.15E-05	0.595418	-1.67949	0.359751
cg08755026	VAMP5	0.000326563	0.331732	0.902206	-1.10839	0.00244231	0.648319	-1.54245	0.00585009	0.690193	-1.44887	0.000910549
cg11108890	VAMP5	0.00207337	0.00453898	0.538328	-1.8576	0.134441	1.30259	1.30259	0.0588474	1.41838	1.41838	0.756725
cg23902361	VAMP5	0.00298526	0.0826499	0.65715	-1.52172	0.592535	0.888699	-1.12524	0.00228001	0.393769	-2.53956	0.275965
cg02493740	VAMP5	0.00305313	0.825016	0.925764	-1.08019	0.145869	1.72268	1.72268	0.0936462	0.526111	-1.90074	0.0160721
cg19513321	VAMP5	0.0227113	0.368279	1.22741	1.22741	0.666428	1.10093	1.10093	0.0571553	1.61151	1.61151	0.0262734
cg16865965	VAMP5	0.0255076	0.139222	0.477225	-2.09545	0.988521	0.993335	-1.00671	0.551136	1.32355	1.32355	0.539096
cg18892132	VAMP8	0.00064798	0.0630385	0.638817	-1.56539	0.0779839	0.657235	-1.52153	0.0227976	0.557691	-1.79311	0.861593
cg20056908	VAMP8	0.0131518	0.0650771	0.540684	-1.84951	0.435155	0.789477	-1.26666	0.00745988	0.359586	-2.78098	0.550538
cg10632773	VAMP8	0.0477667	0.0482584	0.488049	-2.04898	0.0502658	0.491989	-2.03256	0.0101168	0.356583	-2.8044	0.192755
cg23752985	VAMP8	0.0477932	0.0295374	0.270149	-3.70165	0.00391292	7.26781	7.26781	0.712347	1.20822	1.20822	0.597365
cg12542933	VAMP8;VAMP8	0.013403	0.212657	1.25932	1.25932	0.0031435	2.03217	2.03217	0.817716	1.04139	1.04139	0.0612711
cg05656364	VAMP8;VAMP8	0.0271403	0.861267	1.04053	1.04053	0.0921698	1.52359	1.52359	0.606716	0.888743	-1.12518	0.082592
cg17318344	VANGL1	0.000147296	0.000283581	0.745974	-1.34053	0.00027562	1.3422	1.3422	0.000215574	1.35687	1.35687	0.174186
cg19940584	VANGL1	0.000161092	0.179083	1.24656	1.24656	0.000386201	0.417132	-2.39732	4.20E-05	0.300061	-3.33265	0.0506206
cg01421695	VANGL1	0.00697225	0.0883231	0.440698	-2.26913	0.474098	1.3733	1.3733	0.754187	0.872084	-1.14668	0.0983284
cg00819310	VANGL1	0.00769568	0.537799	0.875535	-1.14216	0.0482503	1.61754	1.61754	0.754508	1.06912	1.06912	0.410936
cg04912984	VANGL1	0.013345	0.0201715	0.410199	-2.43784	0.0686775	0.523054	-1.91185	0.615488	0.851245	-1.17475	0.0935503
cg25773695	VANGL1	0.0248147	0.190622	1.52406	1.52406	0.20075	1.50814	1.50814	0.248658	1.44289	1.44289	0.381539
cg08157638	VANGL1	0.0253825	0.203678	0.713226	-1.40208	0.0620366	0.589044	-1.69767	0.347505	1.27591	1.27591	0.178529
cg01558040	VANGL1	0.0260551	0.924299	1.07598	1.07598	0.00518748	19.5772	19.5772	0.00687074	16.6481	16.6481	?
cg00771553	VANGL1	0.0411189	0.060116	0.503769	-1.98504	0.312131	0.713149	-1.40223	0.953477	1.01904	1.01904	0.246922
cg02951880	VANGL2	0.0106459	0.649151	1.19868	1.19868	0.244331	0.617601	-1.61917	0.151887	0.54477	-1.83564	0.0709094
cg00066554	VANGL2	0.0133021	0.0153703	0.410945	-2.43341	0.321406	0.736192	-1.35834	0.238606	0.691423	-1.44629	0.534692
cg07346851	VANGL2	0.0215964	0.52359	0.875915	-1.14166	0.191964	0.753448	-1.32723	0.880332	0.969595	-1.03136	0.241359
cg19261127	VANGL2	0.0248002	0.870089	0.936824	-1.06744	0.00869063	0.26359	-3.79377	0.0512283	0.412659	-2.42331	0.619162
cg26821539	VANGL2	0.0306776	0.330987	1.22452	1.22452	0.217318	1.29966	1.29966	0.00521774	2.10486	2.10486	0.953027
cg25100296	VANGL2	0.0323715	0.39619	0.821603	-1.21713	0.313009	0.789773	-1.26619	0.00297478	0.397803	-2.5138	0.450763
cg13428480	VANGL2	0.0338247	0.00496562	0.568927	-1.75769	0.898444	1.01955	1.01955	0.70339	0.943641	-1.05972	0.252724
cg21213571	VANGL2	0.0352658	0.130467	0.612175	-1.63352	0.102566	0.584647	-1.71043	0.0131754	0.397136	-2.51803	0.202414
cg25136931	VANGL2	0.0401189	0.145342	0.507269	-1.97134	0.686573	0.838558	-1.19252	0.203191	0.558203	-1.79146	0.156975
cg07195126	VANGL2	0.0494254	0.572258	0.784839	-1.27415	0.880773	1.0658	1.0658	0.0193538	0.300986	-3.32242	0.00280114
cg06064254	VAPA;VAPA	0.00028429	0.109619	1.24907	1.24907	4.91E-05	0.37809	-2.64487	0.0336243	0.728752	-1.37221	0.00908261
cg02393756	VAPA;VAPA	0.001255	0.00211392	0.190058	-5.26156	8.16E-05	0.0652939	-15.3154	0.108394	0.510242	-1.95986	0.161825
cg13461118	VAPA;VAPA	0.00879788	0.0642061	0.656335	-1.52361	0.0163817	0.552082	-1.81133	0.00939313	0.51336	-1.94795	0.454068
cg14702390	VAPA;VAPA	0.0122647	0.246509	0.689125	-1.45111	0.0533834	0.509562	-1.96247	0.0124246	0.384471	-2.60097	0.688
cg00263584	VAPA;VAPA	0.0123884	0.858175	0.932965	-1.07185	0.876931	0.941656	-1.06196	0.716551	1.15193	1.15193	0.188752
cg16338201	VAPA;VAPA	0.0149815	0.274535	0.819922	-1.21963	0.107234	0.733914	-1.36256	0.00315765	2.08952	2.08952	0.0703387
cg14027161	VAPA;VAPA	0.0239906	0.331162	0.590583	-1.69324	0.00258253	0.111483	-8.96999	0.0972307	0.384438	-2.6012	0.959717
cg01075918	VAPA;VAPA	0.0255316	0.673068	0.830899	-1.20352	0.00232862	0.156331	-6.3967	0.0204443	0.295421	-3.385	0.519257
cg09172817	VAPA;VAPA	0.031238	0.117941	0.832157	-1.2017	0.0747989	1.23958	1.23958	0.120603	1.19985	1.19985	0.227603
cg25925582	VAPA;VAPA	0.034699	0.221064	0.840504	-1.18976	0.139102	0.806513	-1.23991	0.978464	1.00365	1.00365	0.911677
cg21947858	VAPB	0.024854	0.991928	0.998113	-1.00189	0.470075	1.14711	1.14711	0.00350145	2.0954	2.0954	0.267253
cg24636540	VARS	0.000163274	0.670804	0.929048	-1.07637	0.906968	1.02033	1.02033	0.0662734	0.701466	-1.42559	0.668166
cg02980249	VARS	0.000221969	0.478938	1.06153	1.06153	0.882377	1.01236	1.01236	0.0311259	1.23351	1.23351	0.0016246
cg16956876	VARS	0.00104988	0.0144334	0.593264	-1.68559	0.259783	1.22578	1.22578	0.102189	0.733621	-1.3631	0.00992174
cg03073361	VARS	0.00120897	0.00172248	0.356777	-2.80287	0.152209	1.42395	1.42395	0.0357086	0.569362	-1.75635	0.0026656
cg00783905	VARS	0.00120986	0.223792	1.163	1.163	0.0851108	1.25223	1.25223	0.645314	1.05629	1.05629	0.365694
cg06977872	VARS	0.00147806	0.00437759	0.407553	-2.45367	0.0271884	1.85257	1.85257	0.279544	0.767101	-1.30361	0.0768243
cg12975324	VARS	0.00193408	0.963722	1.00769	1.00769	0.00129835	2.20149	2.20149	0.41147	0.868096	-1.15195	0.0731626
cg06056514	VARS	0.00232909	0.603666	0.911074	-1.09761	5.46E-05	0.262717	-3.80638	0.916563	1.01881	1.01881	0.727644
cg21368481	VARS	0.00250815	0.0450347	0.600099	-1.66639	0.133179	1.43288	1.43288	0.0300602	0.567504	-1.7621	0.043687
cg11418013	VARS	0.00342456	0.215427	1.83866	1.83866	0.911014	0.950027	-1.0526	0.606341	0.787363	-1.27006	0.00697144
cg01787834	VARS	0.00451681	0.0310923	0.789213	-1.26709	0.984922	0.998234	-1.00177	0.000295426	1.7357	1.7357	0.873772
cg25123046	VARS	0.00647132	0.201	0.853256	-1.17198	0.016765	0.709613	-1.40922	0.171106	0.842616	-1.18678	0.584312
cg09862543	VARS	0.00711733	0.155099	0.675466	-1.48046	0.0013344	0.300361	-3.32933	0.010781	0.437799	-2.28416	0.150598
cg21393135	VARS	0.00932919	0.197466	0.751884	-1.32999	0.48755	0.862745	-1.15909	0.304005	0.800246	-1.24962	0.000183198
cg24235613	VARS	0.0130309	0.0259164	0.254971	-3.92201	0.735499	0.839262	-1.19152	0.293149	0.569158	-1.75698	0.963535
cg21083928	VARS	0.0135939	0.0106259	0.384589	-2.60018	0.00391531	0.315057	-3.17403	0.0363733	0.484995	-2.06188	0.00948008
cg26643537	VARS	0.014358	0.783308	0.884441	-1.13066	0.0759269	0.414853	-2.41049	0.187317	0.536591	-1.86362	0.473104
cg20409298	VARS	0.014696	0.0105867	0.294569	-3.3948	0.573587	0.805588	-1.24133	0.0153635	0.32272	-3.09866	0.00778956
cg06658237	VARS	0.0173775	0.737356	0.920197	-1.08672	0.148406	0.681782	-1.46674	0.00697423	0.422155	-2.3688	0.00280522
cg23389807	VARS	0.0174824	0.151484	1.25499	1.25499	0.017416	0.651913	-1.53395	0.0692601	0.740541	-1.35036	0.5973
cg15948030	VARS	0.0228902	0.0108928	0.361205	-2.76851	0.164498	0.62345	-1.60398	0.170866	0.628417	-1.5913	0.723723
cg09514717	VARS	0.0239045	0.732119	1.03222	1.03222	0.187978	1.13741	1.13741	0.0215612	1.29007	1.29007	0.0143287
cg24556630	VARS	0.025728	0.103031	0.537954	-1.8589	0.0133065	2.90427	2.90427	0.87863	0.948265	-1.05456	0.586787
cg13887029	VARS	0.0287961	0.0115507	0.328231	-3.04664	0.863535	1.06256	1.06256	0.0476599	0.449844	-2.22299	0.0205205
cg00202479	VARS	0.0298184	0.379352	0.776814	-1.28731	0.206898	0.688827	-1.45174	0.412688	0.790933	-1.26433	0.0297914
cg11228624	VARS	0.0298566	0.00373417	0.176265	-5.67329	0.387354	0.675207	-1.48103	0.0639124	0.397295	-2.51702	0.0617283
cg06312651	VARS	0.0327251	0.327846	0.676041	-1.4792	0.545093	0.788678	-1.26794	0.259461	0.633814	-1.57775	0.00984659
cg05797367	VARS	0.0385396	0.020856	0.412733	-2.42288	0.124542	0.589072	-1.69759	0.058236	0.50605	-1.97609	0.276462
cg06671654	VARS	0.043363	0.414124	0.814072	-1.22839	0.00365106	2.63475	2.63475	0.0423643	1.77906	1.77906	0.525944
cg15623062	VARS	0.0470341	0.0228225	0.461425	-2.1672	0.134912	0.632802	-1.58027	0.0888111	0.586884	-1.70391	0.292559
cg01259378	VARS	0.0471692	0.418107	0.87136	-1.14763	0.00303726	1.96574	1.96574	0.200873	1.2521	1.2521	0.858598
cg12422930	VARS	0.0484394	0.378561	1.12993	1.12993	0.216139	0.838619	-1.19244	0.0329762	1.40101	1.40101	0.0486315
cg15978899	VARS2;VARS2;VARS2	0.000105426	0.00704623	0.633392	-1.5788	0.0103427	1.52729	1.52729	0.0135346	1.49284	1.49284	1.11E-05
cg00933603	VARS2;VARS2;VARS2	0.000398044	0.0996394	0.666555	-1.50025	0.0405328	1.7018	1.7018	0.211443	0.743855	-1.34435	0.00735989
cg02601318	VARS2;VARS2;VARS2	0.00108945	0.00496556	0.641198	-1.55958	0.00378002	1.59504	1.59504	0.00408925	1.58467	1.58467	0.0483101
cg07269567	VARS2;VARS2;VARS2	0.00203046	0.375367	0.841189	-1.18879	0.0178892	1.72816	1.72816	0.509833	0.880658	-1.13551	0.597925
cg12457901	VARS2;VARS2;VARS2	0.00497641	0.0129188	0.74309	-1.34573	0.0290427	1.28091	1.28091	0.20161	1.13854	1.13854	0.102536
cg01321872	VARS2;VARS2;VARS2	0.00737152	0.0526771	1.44315	1.44315	0.0031433	1.95875	1.95875	0.0939673	1.35892	1.35892	0.286601
cg17428922	VARS2;VARS2;VARS2	0.00837475	0.675481	1.1142	1.1142	0.900426	0.968361	-1.03267	0.289734	1.32608	1.32608	0.0106911
cg14935711	VARS2;VARS2;VARS2	0.0133546	0.0495389	0.595563	-1.67908	0.0165419	1.96821	1.96821	0.911461	0.974603	-1.02606	0.00287716
cg27172893	VARS2;VARS2;VARS2	0.0135146	0.0271098	0.832553	-1.20112	0.144468	0.896006	-1.11606	0.234773	1.09116	1.09116	0.947334
cg24268004	VARS2;VARS2;VARS2	0.0135337	0.0515759	0.660864	-1.51317	0.00272804	2.22356	2.22356	0.0165678	1.73938	1.73938	0.301789
cg02149965	VARS2;VARS2;VARS2	0.0167189	0.617044	0.82713	-1.209	0.0658897	2.17463	2.17463	0.0776466	2.0924	2.0924	0.00159185
cg07906263	VARS2;VARS2;VARS2	0.020398	0.150508	1.60276	1.60276	0.277258	0.707588	-1.41325	0.307657	0.723796	-1.38161	0.0263134
cg16113650	VARS2;VARS2;VARS2	0.0210271	0.0734367	0.535255	-1.86827	0.0385258	0.472091	-2.11824	0.265618	0.695409	-1.438	0.0341978
cg06879746	VARS2;VARS2;VARS2	0.0242791	0.104451	0.541084	-1.84814	0.321097	0.701351	-1.42582	0.506852	0.792121	-1.26243	0.349289
cg27525647	VARS2;VARS2;VARS2	0.0251403	0.181312	0.652726	-1.53204	0.0037083	3.25	3.25	0.0610935	1.88601	1.88601	0.0413317
cg16958594	VARS2;VARS2;VARS2	0.0267827	0.786167	0.907662	-1.10173	0.1043	1.88262	1.88262	0.113343	1.8476	1.8476	0.0128412
cg19912283	VARS2;VARS2;VARS2	0.0393587	?	?	?	0.00408888	0.108282	-9.23519	0.105908	0.36097	-2.77031	?
cg05853013	VARS2;VARS2;VARS2	0.0393966	0.310792	1.33038	1.33038	0.998652	0.99954	-1.00046	0.522871	1.19276	1.19276	0.882324
cg10158679	VARS2;VARS2;VARS2	0.0399471	0.0300343	0.386955	-2.58428	0.159904	1.74831	1.74831	0.14749	1.78283	1.78283	0.0645341
cg09296730	VARS2;VARS2;VARS2	0.0405394	0.0920571	0.656038	-1.5243	0.0333139	0.568124	-1.76018	0.967225	0.990704	-1.00938	0.323792
cg19301017	VARS2;VARS2;VARS2	0.0454779	0.1735	0.403864	-2.47608	0.00491026	0.0969619	-10.3133	0.0534202	0.253186	-3.94967	0.857974

Probeset ID	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)
cg01668174	0.910954	-1.09775	0.0591062	1.28248	1.28248	0.971463	1.00418	1.00418	0.140928	0.831208	-1.20307	0.644768
cg17567602	0.600506	-1.66526	0.406905	1.30486	1.30486	0.955865	1.01751	1.01751	0.311335	1.38892	1.38892	0.466949
cg12295277	0.617262	-1.62006	0.147473	0.474281	-2.10845	0.17362	0.499166	-2.00334	0.00340099	0.147953	-6.7589	0.167068
cg15342308	6.61654	6.61654	0.596468	0.761024	-1.31402	0.160352	2.15219	2.15219	0.0200763	4.19327	4.19327	0.179983
cg03689540	0.699357	-1.42988	0.00285853	0.455964	-2.19316	0.81233	0.955509	-1.04656	0.0258266	1.6593	1.6593	0.611753
cg11924796	0.464993	-2.15057	0.000508287	0.202583	-4.93626	0.597339	1.16966	1.16966	0.0116121	0.395537	-2.52821	0.431321
cg07861014	0.406527	-2.45986	0.00407078	0.165698	-6.03507	0.529845	0.743272	-1.3454	0.00986504	0.218663	-4.57325	0.562631
cg01381679	?	?	0.0064803	0.330218	-3.02831	?	?	?	9.58E-06	86.333	86.333	0.00010123
cg27626318	1.67088	1.67088	0.416821	1.12087	1.12087	0.0554224	0.741894	-1.3479	2.59E-05	0.317984	-3.14482	0.108183
cg00370608	1.2965	1.2965	0.014239	0.707576	-1.41328	0.00221718	0.612343	-1.63307	9.21E-05	0.449844	-2.22299	0.0114432
cg08842616	0.904414	-1.10569	3.81E-05	0.162167	-6.1665	0.947168	0.984857	-1.01538	0.026598	1.83145	1.83145	0.193497
cg06880763	1.05254	1.05254	0.263359	1.18529	1.18529	0.0510175	1.38268	1.38268	0.0868355	1.31746	1.31746	0.202911
cg27076536	0.501652	-1.99341	5.91E-05	0.210705	-4.74596	0.437764	0.847199	-1.18036	0.0158731	0.538562	-1.8568	0.338145
cg05794310	0.777299	-1.28651	0.0013517	0.284451	-3.51554	0.00411603	0.353647	-2.82768	0.00107285	0.271165	-3.68779	0.0196914
cg10216848	1.88927	1.88927	0.599356	1.18825	1.18825	0.228549	1.50862	1.50862	0.00738915	0.325282	-3.07426	0.014393
cg08382220	0.460407	-2.17199	0.0825043	2.56518	2.56518	0.23616	1.83683	1.83683	0.00393919	0.149579	-6.68541	0.162193
cg09120395	0.679724	-1.47119	0.0173267	0.313591	-3.18887	0.0535772	0.415975	-2.40399	0.000548644	0.116751	-8.56521	0.00449494
cg08329113	0.882692	-1.1329	0.244013	1.21259	1.21259	0.674717	0.935428	-1.06903	0.212598	0.812525	-1.23073	0.755838
cg08796240	1.44334	1.44334	0.00073311	0.0657328	-15.2131	0.930474	1.04738	1.04738	0.0598472	3.0844	3.0844	0.158667
cg17681818	1.26399	1.26399	?	?	?	0.0013149	0.492646	-2.02986	0.6268	1.07702	1.07702	0.835976
cg09998278	0.50515	-1.97961	0.485291	1.12744	1.12744	0.679568	1.07279	1.07279	0.0651531	0.7045	-1.41945	0.932009
cg07527625	1.04469	1.04469	0.642467	0.912973	-1.09532	0.456436	0.862683	-1.15917	0.00181098	2.37211	2.37211	0.823811
cg06357685	1.06761	1.06761	0.00698318	0.189338	-5.28155	0.0236836	0.275764	-3.62629	0.143315	0.472293	-2.11733	0.61099
cg05388330	0.977163	-1.02337	0.0249814	0.647812	-1.54366	0.608956	0.919449	-1.08761	0.00638182	1.78199	1.78199	0.782084
cg07888926	1.49074	1.49074	0.0644643	0.516297	-1.93687	1.12E-05	0.0511338	-19.5565	0.17198	1.5884	1.5884	0.113806
cg10899006	0.876097	-1.14143	0.00369671	0.846631	-1.18115	0.112969	0.929403	-1.07596	5.25E-05	0.725634	-1.37811	0.00224873
cg17720267	0.942337	-1.06119	0.532051	0.922269	-1.08428	0.0415365	0.740474	-1.35049	4.77E-06	0.262334	-3.81193	0.227827
cg09897131	0.967294	-1.03381	0.00152699	0.398956	-2.50654	0.0233404	0.579374	-1.726	0.000802659	0.360966	-2.77035	0.0990093
cg17092523	0.452245	-2.21119	0.000155227	0.163275	-6.12465	0.0112434	0.4113	-2.43131	0.0821789	0.583508	-1.71377	0.625132
cg16390044	1.48872	1.48872	0.327082	1.25884	1.25884	0.0282678	1.80268	1.80268	0.00210703	0.373868	-2.67474	0.618273
cg16770549	0.373406	-2.67805	0.00270253	0.188367	-5.30879	0.0292254	0.355277	-2.81471	0.00462335	0.21918	-4.56246	0.142837
cg15838914	0.877023	-1.14022	0.184291	0.626727	-1.59559	0.546785	1.22424	1.22424	0.639223	0.855003	-1.16959	0.387479
cg16790890	0.44292	-2.25774	0.706329	0.903322	-1.10703	0.653144	1.12924	1.12924	0.459746	1.22457	1.22457	0.0638691
cg02689667	0.988226	-1.01191	0.00187961	0.382289	-2.61582	0.215207	0.752327	-1.32921	0.0549534	1.60765	1.60765	0.666315
cg26896768	0.713735	-1.40108	0.502829	0.936166	-1.06819	9.09E-05	0.507355	-1.97101	0.290019	0.898954	-1.1124	0.29401
cg12072178	0.813956	-1.22857	0.000165266	0.157405	-6.35304	4.08E-06	0.0460644	-21.7087	1.14E-06	0.0262656	-38.0726	0.00021216
cg13488186	0.734678	-1.36114	0.00321251	0.310505	-3.22056	0.0484136	0.519013	-1.92673	0.000118744	0.141104	-7.08698	0.487809
cg01514075	0.561325	-1.7815	0.00516008	0.205111	-4.87541	0.0975196	0.458439	-2.18131	0.00139908	0.137327	-7.28191	0.0377977
cg14993123	1.28078	1.28078	?	?	?	0.548573	1.31073	1.31073	0.00362311	0.139972	-7.14428	0.660157
cg00703019	0.851643	-1.1742	0.230796	0.84532	-1.18298	0.00697949	0.627215	-1.59435	0.270766	1.16565	1.16565	0.204679
cg01078174	1.63736	1.63736	0.0168051	0.272337	-3.67192	0.20379	0.549947	-1.81836	0.00475243	0.187975	-5.31987	0.136988
cg10025645	0.783258	-1.27672	0.0439753	0.78082	-1.28071	0.0108648	0.710473	-1.40751	0.000699338	0.575479	-1.73768	0.0447315
cg03957476	1.34686	1.34686	0.194568	0.765966	-1.30554	0.553521	0.890074	-1.1235	0.00180452	2.36857	2.36857	0.287167
cg15675198	0.253941	-3.93793	0.00877163	0.169592	-5.89652	0.0113897	0.185688	-5.38538	0.00278447	0.111738	-8.94947	0.877861
cg25651505	1.06203	1.06203	0.000313544	0.688379	-1.45269	0.199131	1.09059	1.09059	1.08E-05	0.548894	-1.82185	2.28E-06
cg08755026	0.600688	-1.66476	0.00112547	0.610961	-1.63677	0.00114957	0.611987	-1.63402	0.147513	0.852393	-1.17317	0.103191
cg11108890	0.950376	-1.05222	0.0412753	0.680045	-1.47049	0.778527	0.954868	-1.04726	0.000563682	0.416637	-2.40017	0.00125049
cg23902361	0.78072	-1.28087	0.000112276	0.227035	-4.40461	0.649057	1.10525	1.10525	0.00598686	0.456261	-2.19173	0.892297
cg02493740	0.358343	-2.79062	0.000106057	0.0921976	-10.8463	0.0126767	0.339845	-2.94251	0.0815755	0.510479	-1.95894	0.0409246
cg19513321	1.79398	1.79398	0.0159587	0.519826	-1.92372	0.016413	1.9161	1.9161	0.971442	0.992094	-1.00797	0.0770878
cg16865965	1.33516	1.33516	0.0358648	0.321455	-3.11085	0.51441	0.735408	-1.35979	0.00261408	0.144061	-6.94148	0.0283946
cg18892132	1.03811	1.03811	6.10E-05	0.204717	-4.88479	0.0577331	1.58384	1.58384	0.000240416	0.271878	-3.67812	0.485186
cg20056908	0.835849	-1.19639	0.000409507	0.188957	-5.2922	0.492897	0.813227	-1.22967	0.964968	0.987046	-1.01312	0.254132
cg10632773	0.645257	-1.54977	0.0224987	0.419524	-2.38365	0.468138	0.790877	-1.26442	0.00993984	0.35528	-2.81469	0.802751
cg23752985	0.761667	-1.31291	0.621253	1.28964	1.28964	0.138075	2.26042	2.26042	0.934024	0.958594	-1.04319	0.624173
cg12542933	1.44834	1.44834	0.708652	0.936192	-1.06816	0.0268863	1.58478	1.58478	0.034454	1.54227	1.54227	0.00130486
cg05656364	0.646162	-1.5476	0.308799	0.787208	-1.27031	0.0288326	1.79588	1.79588	0.0122274	2.03209	2.03209	0.0591738
cg17318344	1.07405	1.07405	0.00294714	0.8173	-1.22354	0.170391	1.07482	1.07482	0.166202	0.92964	-1.07569	0.00279191
cg19940584	1.41049	1.41049	0.544691	1.09929	1.09929	0.00267853	1.89824	1.89824	0.0676225	1.37183	1.37183	0.0023752
cg01421695	0.453854	-2.20335	0.550175	0.76842	-1.30137	0.325978	1.55568	1.55568	0.000114919	0.0524521	-19.065	0.865393
cg00819310	1.19619	1.19619	0.000384539	0.299031	-3.34413	0.212211	0.755811	-1.32308	0.0334159	1.69819	1.69819	0.498992
cg04912984	0.556236	-1.7978	0.0121834	0.370279	-2.70067	0.031761	0.449082	-2.22677	0.00242611	0.261143	-3.82932	0.00318395
cg25773695	1.31375	1.31375	0.0135936	0.3952	-2.53036	0.0193123	2.36388	2.36388	0.132859	0.61077	-1.63728	0.0433847
cg08157638	0.697645	-1.43339	0.0045754	0.386347	-2.58835	0.0315049	0.529748	-1.88769	0.037848	1.83415	1.83415	0.393311
cg01558040	?	?	0.12733	0.276381	-3.61819	0.720792	0.758281	-1.31877	0.534951	0.615636	-1.62434	0.696132
cg00771553	0.676076	-1.47912	0.0454262	0.476208	-2.09992	0.0934404	0.550705	-1.81586	0.00685317	0.32233	-3.10241	0.00519403
cg02951880	0.45006	-2.22193	0.00441264	0.22232	-4.49802	0.0315661	0.368808	-2.71144	0.00155207	0.165238	-6.05189	0.150764
cg00066554	0.828635	-1.2068	0.00460773	0.323924	-3.08714	0.000811227	0.220906	-4.52681	0.027682	0.459229	-2.17756	0.991674
cg07346851	1.28578	1.28578	0.326021	0.812334	-1.23102	0.714803	1.07812	1.07812	0.000346206	0.307334	-3.25379	0.478707
cg19261127	1.22113	1.22113	0.0134119	0.294982	-3.39003	0.0144417	0.30062	-3.32646	0.0123238	0.288639	-3.46453	0.770689
cg26821539	1.01197	1.01197	0.594112	0.897077	-1.11473	0.0144832	0.54424	-1.83742	0.752643	0.93815	-1.06593	0.0311136
cg25100296	0.840482	-1.18979	0.00309666	0.400372	-2.49768	0.0795378	0.643956	-1.5529	0.837062	0.954497	-1.04767	0.353376
cg13428480	0.834302	-1.19861	0.725508	1.05491	1.05491	0.257182	0.835838	-1.1964	0.00250368	0.529	-1.89036	0.484046
cg21213571	0.667392	-1.49837	0.00766518	0.35709	-2.80041	0.00992724	0.37583	-2.66078	0.191405	0.659943	-1.51528	0.366335
cg25136931	0.518396	-1.92903	0.00254667	0.162458	-6.15544	0.089541	0.443751	-2.25351	0.0105487	0.247466	-4.04095	0.669837
cg07195126	0.174011	-5.74675	0.868961	0.932301	-1.07262	0.54977	0.773426	-1.29295	0.178132	1.83574	1.83574	0.198554
cg06064254	1.52607	1.52607	0.721041	0.955314	-1.04678	0.0649594	0.767789	-1.30244	0.000296048	0.471739	-2.11982	0.0588137
cg02393756	0.563308	-1.77523	0.0151712	0.317892	-3.14573	0.00068083	0.136081	-7.34856	0.00288587	0.207161	-4.82716	0.0146022
cg13461118	0.856921	-1.16697	0.00376442	0.453047	-2.20728	0.058021	0.648018	-1.54317	0.343969	0.820877	-1.21821	0.409307
cg14702390	1.13204	1.13204	0.0267243	0.446408	-2.2401	0.234182	0.681704	-1.46691	0.0023067	0.270273	-3.69996	0.0387179
cg00263584	0.582661	-1.71626	0.408394	0.72035	-1.38821	0.614826	0.821339	-1.21752	0.000150272	0.0800632	-12.4901	0.948243
cg16338201	0.699567	-1.42945	0.702735	1.06887	1.06887	0.838182	0.965122	-1.03614	0.458549	1.14039	1.14039	0.109802
cg14027161	1.02688	1.02688	0.0230316	0.239832	-4.16958	0.17661	0.470252	-2.12652	0.0168756	0.216294	-4.62333	0.00804083
cg01075918	1.33001	1.33001	0.163782	0.522762	-1.91292	0.113837	0.471941	-2.11891	0.0916522	0.444552	-2.24946	0.00882107
cg09172817	0.871908	-1.14691	0.121918	1.19895	1.19895	0.562377	0.938579	-1.06544	0.0964036	1.21842	1.21842	0.0127075
cg25925582	0.985124	-1.0151	0.844276	1.02692	1.02692	0.686524	1.05633	1.05633	0.0062682	0.618129	-1.61778	0.04315
cg21947858	0.805859	-1.24091	0.626292	1.09598	1.09598	0.304649	0.819935	-1.21961	0.008671	0.535354	-1.86792	0.0943985
cg24636540	0.928458	-1.07705	1.78E-05	0.220951	-4.52589	1.20E-05	0.203339	-4.91789	0.271617	1.21773	1.21773	0.889132
cg02980249	1.45448	1.45448	0.776546	0.976671	-1.02389	0.483075	1.06092	1.06092	0.000269017	0.609059	-1.64188	1.58E-05
cg16956876	1.75786	1.75786	7.10E-05	0.285189	-3.50645	0.0097589	1.76116	1.76116	0.475911	0.882019	-1.13376	0.281367
cg03073361	0.383935	-2.6046	0.000164542	0.227564	-4.39438	0.234898	0.750587	-1.33229	0.000695471	0.303515	-3.29472	0.622734
cg00783905	1.11607	1.11607	0.229023	1.16084	1.16084	0.171924	0.842137	-1.18746	2.03E-05	0.361327	-2.76758	0.349144
cg06977872	0.628699	-1.59059	0.0227846	0.525859	-1.90165	0.000555486	0.282655	-3.53788	0.00847953	0.452696	-2.20899	0.00464942
cg12975324	0.714205	-1.40016	0.00115267	0.447322	-2.23553	0.0155744	0.606766	-1.64808	0.670035	0.930349	-1.07487	0.222182
cg06056514	0.939721	-1.06415	0.508022	0.887442	-1.12683	0.0377412	0.651477	-1.53497	0.0336442	1.55462	1.55462	0.373492
cg21368481	0.597591	-1.67339	0.00117214	0.347297	-2.87938	0.000211527	0.252851	-3.9549	0.795061	1.0595	1.0595	0.835111
cg11418013	0.170779	-5.85553	0.000115251	0.0203382	-49.1685	0.280231	1.68522	1.68522	0.273841	1.69834	1.69834	0.580702
cg01787834	0.985237	-1.01498	0.048744	0.810128	-1.23437	0.0640787	1.2149	1.2149	0.0829449	1.19674	1.19674	0.462876
cg25123046	0.937141	-1.06708	0.184321	0.847491	-1.17995	7.75E-05	0.431369	-2.3182	0.205394	0.854711	-1.16999	0.171926
cg09862543	1.48779	1.48779	0.0052354	0.386818	-2.58519	0.493665	0.835897	-1.19632	0.0109222	0.438754	-2.27918	0.352014
cg21393135	0.266114	-3.75778	0.00889143	0.498145	-2.00745	0.625153	0.902067	-1.10857	0.541407	1.13815	1.13815	0.892678
cg24235613	0.97665	-1.02391	0.00201118	0.105148	-9.51041	0.228805	0.520628	-1.92076	0.000790842	0.0727429	-13.747	0.755051
cg21083928	0.376161	-2.65844	0.64047	0.869434	-1.15017	0.0314276	0.472039	-2.11847	0.00290655	0.296031	-3.37803	0.226033
cg26643537	1.38409	1.38409	0.000206368	0.0627519	-15.9358	0.880636	1.06923	1.06923	0.594803	0.78731	-1.27015	0.69456
cg20409298	0.272846	-3.66507	0.00117671	0.163699	-6.10878	0.359791	0.699113	-1.43038	0.0554571	0.438126	-2.28245	0.154354
cg06658237	0.361504	-2.76622	0.00684559	0.42086	-2.37609	0.906542	0.971396	-1.02945	0.191361	0.710479	-1.4075	0.4709
cg23389807	1.08198	1.08198	0.21377	1.21345	1.21345	0.350866	1.15246	1.15246	0.00220827	1.88514	1.88514	0.468424
cg15948030	0.89309	-1.11971	0.00344915	0.282172	-3.54394	0.171487	0.628894	-1.59009	0.0111042	0.362644	-2.75752	0.304096
cg09514717	1.32135	1.32135	0.0238946	1.2824	1.2824	0.0470588	1.23335	1.23335	0.0628649	0.824372	-1.21304	0.179978
cg24556630	0.826324	-1.21018	0.00445247	0.267422	-3.73941	0.18126	0.61056	-1.63784	0.0855432	0.516502	-1.9361	0.258725
cg13887029	0.373628	-2.67646	0.0631129	0.478397	-2.09032	0.0180085	0.362894	-2.75563	0.198954	1.61409	1.61409	0.161042
cg00202479	0.488649	-2.04646	0.0197335	0.454501	-2.20021	0.0563628	0.54603	-1.8314	0.00471209	0.349373	-2.86227	0.898385
cg11228624	0.393504	-2.54127	0.962675	0.979471	-1.02096	0.0366559	0.340896	-2.93344	0.00596317	0.203208	-4.92106	0.882362
cg06312651	0.282373	-3.54142	0.0979904	0.494805	-2.021	0.028981	0.368658	-2.71254	0.00291221	0.204787	-4.88313	0.296806
cg05797367	0.697514	-1.43366	0.00491809	0.305537	-3.27292	0.00869369	0.345026	-2.89833	0.0663494	0.519284	-1.92573	0.54665
cg06671654	0.853552	-1.17158	0.548555	1.16135	1.16135	0.0894843	0.63044	-1.58619	0.23163	1.36225	1.36225	0.189771
cg15623062	0.733423	-1.36347	0.00808582	0.381747	-2.61954	0.0110587	0.404642	-2.47132	0.0689434	0.561088	-1.78225	0.930551
cg01259378	1.03012	1.03012	0.843934	1.03335	1.03335	0.857073	0.970443	-1.03046	0.00957008	1.72635	1.72635	0.819765
cg12422930	1.356	1.356	0.169742	0.82057	-1.21866	0.323106	0.8711	-1.14797	0.0165156	0.673001	-1.48588	0.480513
cg15978899	3.4085	3.4085	0.00186167	0.560548	-1.78397	0.033641	1.38448	1.38448	0.00133566	0.542579	-1.84305	0.223761
cg00933603	2.17365	2.17365	0.00051624	0.29587	-3.37986	0.684159	0.912169	-1.09629	3.48E-05	0.165492	-6.0426	0.0540176
cg02601318	1.30946	1.30946	0.0440206	0.758423	-1.31852	0.128646	1.2168	1.2168	0.373369	0.89656	-1.11537	0.487417
cg07269567	1.10646	1.10646	0.0015323	0.420311	-2.37919	0.319749	0.822473	-1.21585	9.75E-05	0.26809	-3.7301	0.334536
cg12457901	1.18756	1.18756	0.0525464	0.808895	-1.23626	0.144239	0.859909	-1.16291	0.000746019	0.611143	-1.63628	0.108509
cg01321872	1.20236	1.20236	0.503954	1.11957	1.11957	0.043348	1.47254	1.47254	0.00207623	0.48581	-2.05842	0.316484
cg17428922	2.27979	2.27979	0.365009	1.27005	1.27005	0.807922	1.06455	1.06455	0.0107774	0.439227	-2.27673	0.000915715
cg14935711	2.58095	2.58095	0.0596634	0.611688	-1.63482	0.924922	0.978437	-1.02204	0.0384802	0.574338	-1.74113	0.662036
cg27172893	1.00464	1.00464	0.734428	1.02414	1.02414	0.111471	1.12912	1.12912	0.742087	1.0234	1.0234	0.0156593
cg24268004	1.21776	1.21776	0.104879	0.719553	-1.38975	0.0306387	1.61157	1.61157	0.172207	0.764352	-1.3083	0.637737
cg02149965	5.50626	5.50626	0.693542	0.861486	-1.16078	0.0507043	2.31209	2.31209	0.177008	0.582623	-1.71637	0.0140315
cg07906263	0.446406	-2.24011	0.00257639	0.278288	-3.5934	0.952297	1.01848	1.01848	0.00928391	0.364075	-2.74669	0.313804
cg16113650	2.16799	2.16799	0.25326	0.68823	-1.453	0.826767	1.07104	1.07104	0.0994585	0.568103	-1.76024	0.0111689
cg06879746	1.39574	1.39574	0.249247	0.659198	-1.51699	0.646741	0.852414	-1.17314	0.00733487	0.302371	-3.30719	0.00933939
cg27525647	2.02876	2.02876	0.216811	0.676612	-1.47795	0.127323	1.64159	1.64159	0.581861	0.84604	-1.18198	0.932871
cg16958594	3.00686	3.00686	0.699322	0.870858	-1.14829	0.682145	0.863546	-1.15802	0.00344632	0.242878	-4.11729	0.906075
cg19912283	?	?	0.22836	0.482168	-2.07397	0.426958	0.62626	-1.59678	0.00912157	0.147914	-6.7607	0.684691
cg05853013	1.04114	1.04114	0.47181	0.819361	-1.22046	0.000717829	0.246224	-4.06134	0.768777	1.08355	1.08355	0.775791
cg10158679	2.16521	2.16521	0.0249097	0.370463	-2.69932	0.33278	1.45019	1.45019	0.094135	0.504244	-1.98317	0.482414
cg09296730	1.26067	1.26067	0.0152872	0.508168	-1.96785	0.159398	0.710488	-1.40748	0.0094116	0.47319	-2.11332	0.29271
cg19301017	0.893909	-1.11868	0.211799	0.438882	-2.27851	0.341184	0.541136	-1.84797	0.00475475	0.0956341	-10.4565	0.970461

Probeset ID	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01668174	0.947245	-1.05569	0.398018	1.1063	1.1063	4.13289	0.89209	0.191868	1
cg17567602	1.26134	1.26134	0.013573	0.383673	-2.60639	3.74629	5.83674	1.38489	1
cg12295277	0.49315	-2.02778	0.0214346	0.265434	-3.76741	3.63231	13.2513	3.24282	1
cg15342308	2.07036	2.07036	0.48619	1.43564	1.43564	3.80601	15.7434	3.67685	1
cg03689540	1.1029	1.1029	0.833892	1.041	1.041	6.51426	3.77744	0.515443	1
cg11924796	1.26633	1.26633	0.155446	0.639624	-1.56342	6.11227	8.36654	1.21672	1
cg07861014	1.31373	1.31373	0.162671	0.499172	-2.00332	4.56648	15.7173	3.05945	1
cg01381679	15.6987	15.6987	0.0026924	3.89982	3.89982	78.3764	59.6997	0.544075	1
cg27626318	1.27252	1.27252	0.720308	1.05068	1.05068	12.9533	3.87914	0.266196	1
cg00370608	0.696261	-1.43624	0.0337893	0.753093	-1.32786	12.0711	2.50226	0.184261	1
cg08842616	1.37274	1.37274	0.0923088	0.652727	-1.53203	10.0142	8.40834	0.746346	1
cg06880763	0.822043	-1.21648	0.751802	1.04734	1.04734	9.88342	3.32691	0.299214	1
cg27076536	0.813141	-1.2298	0.0849459	0.670945	-1.49043	8.92349	6.20241	0.617836	1
cg05794310	0.467231	-2.14027	0.0103695	0.418103	-2.39175	7.6701	8.86249	1.02707	1
cg10216848	2.66863	2.66863	0.642149	1.16448	1.16448	7.26434	12.1808	1.49049	1
cg08382220	2.07713	2.07713	0.0599125	0.353542	-2.82852	6.65714	25.2964	3.37768	1
cg09120395	0.219699	-4.55168	0.219443	0.596482	-1.6765	6.39156	16.2063	2.25385	1
cg08329113	1.05056	1.05056	0.0976601	0.750221	-1.33294	5.3245	2.10894	0.352074	1
cg08796240	2.22384	2.22384	0.232533	0.514738	-1.94274	5.17735	23.0725	3.96126	1
cg17681818	1.03189	1.03189	0.0732158	1.35326	1.35326	4.98421	1.60885	0.322789	1
cg09998278	0.985668	-1.01454	0.431077	1.14562	1.14562	4.74892	2.15235	0.40287	1
cg07527625	1.04438	1.04438	0.0777858	0.682692	-1.46479	4.09321	2.45864	0.533922	1
cg06357685	1.27721	1.27721	0.0355715	0.311313	-3.2122	3.96588	14.2893	3.20272	1
cg05388330	0.955871	-1.04617	0.27015	1.2055	1.2055	3.46679	1.45463	0.372968	1
cg07888926	1.729	1.729	0.0691389	1.91018	1.91018	14.0005	22.4591	1.42592	1
cg10899006	1.19902	1.19902	0.00376341	0.847079	-1.18053	18.2731	0.521239	0.0253555	1
cg17720267	1.17567	1.17567	0.478964	0.912091	-1.09638	16.0464	4.15374	0.230096	1
cg09897131	1.43945	1.43945	0.0107225	0.524221	-1.90759	11.7465	7.54639	0.571055	1
cg17092523	0.871317	-1.14769	0.0255019	0.475896	-2.1013	7.34106	9.09858	1.1017	1
cg16390044	0.891992	-1.12109	0.0684983	1.59043	1.59043	5.52371	4.52871	0.728771	1
cg16770549	0.530262	-1.88586	0.1445	0.531862	-1.88019	5.269	13.5398	2.28418	1
cg15838914	0.745362	-1.34163	0.00298913	0.258937	-3.86195	4.2753	7.45332	1.54964	1
cg16790890	1.76729	1.76729	0.013394	2.34167	2.34167	4.44522	4.96563	0.868833	1
cg02689667	0.909703	-1.09926	0.200194	0.744388	-1.34339	3.5125	2.64729	0.669935	1
cg26896768	0.899801	-1.11136	0.0554784	0.810145	-1.23435	12.5488	1.87007	0.132465	1
cg12072178	0.168177	-5.94612	0.00533457	0.347459	-2.87804	38.1678	50.1393	1.16769	1
cg13488186	0.814654	-1.22752	0.0686319	0.552809	-1.80894	8.80437	11.7936	1.19068	1
cg01514075	0.355831	-2.81032	0.0806962	0.435645	-2.29545	5.42508	15.81	2.59044	1
cg14993123	0.821318	-1.21756	0.026094	3.49034	3.49034	6.25824	14.4648	1.98113	1
cg00703019	1.19591	1.19591	0.621804	1.06873	1.06873	3.71551	1.05153	0.251564	1
cg01078174	0.489625	-2.04238	0.103342	0.451932	-2.21272	3.65838	11.5148	2.7978	1
cg10025645	0.781704	-1.27926	0.306337	0.892974	-1.11985	7.31898	1.32422	0.160826	1
cg03957476	0.806761	-1.23952	0.217755	1.28649	1.28649	6.30407	3.76903	0.531443	1
cg15675198	1.08518	1.08518	0.0506354	0.306087	-3.26704	5.04302	22.5671	3.97771	1
cg25651505	0.478333	-2.09059	7.16E-05	0.629752	-1.58793	56.5592	3.65936	0.0575108	1
cg08755026	0.832617	-1.20103	1.16E-05	0.384596	-2.60013	16.0722	2.68827	0.148678	1
cg11108890	0.46205	-2.16427	0.0151642	0.61346	-1.6301	9.54114	4.05408	0.377694	1
cg23902361	0.970843	-1.03003	0.0464078	0.607554	-1.64594	8.57067	6.47635	0.671681	1
cg02493740	0.439597	-2.27481	0.02064	0.378707	-2.64057	8.51364	16.3615	1.70827	1
cg19513321	0.646708	-1.54629	0.327463	0.799201	-1.25125	4.50442	3.50752	0.692165	1
cg16865965	0.300413	-3.32876	0.0152241	0.250186	-3.99703	4.32685	14.8069	3.04186	1
cg18892132	0.858987	-1.16416	0.00248143	0.406043	-2.46279	13.2952	9.6709	0.646576	1
cg20056908	0.702207	-1.42408	0.0276921	0.461755	-2.16565	5.40958	7.55119	1.24079	1
cg10632773	0.923537	-1.08279	0.163237	0.623153	-1.60474	3.44731	5.51483	1.422	1
cg23752985	1.28686	1.28686	0.249965	0.541156	-1.8479	3.44659	14.2394	3.67239	1
cg12542933	2.27571	2.27571	0.806931	1.04395	1.04395	5.3762	2.62721	0.434377	1
cg05656364	1.62243	1.62243	0.0782456	0.641217	-1.55953	4.23395	3.45991	0.726384	1
cg17318344	0.815746	-1.22587	0.107358	1.09073	1.09073	19.9545	0.771768	0.0343791	1
cg19940584	0.519819	-1.92375	0.00357748	0.543728	-1.83916	19.4785	7.35558	0.335668	1
cg01421695	1.07673	1.07673	0.137544	0.498146	-2.00745	6.62331	19.9167	2.67294	1
cg00819310	1.15746	1.15746	0.143576	0.715454	-1.39771	6.42194	4.61693	0.63905	1
cg04912984	0.277763	-3.6002	0.0373806	0.463807	-2.15607	5.38384	8.62438	1.42391	1
cg25773695	2.02661	2.02661	0.132335	0.610298	-1.63854	4.36852	6.39612	1.30146	1
cg08157638	0.802303	-1.24641	0.596587	1.14404	1.14404	4.33426	4.35577	0.893298	1
cg01558040	0.738859	-1.35344	0.329419	0.458728	-2.17994	4.82291	39.4625	7.15951	1
cg00771553	0.303425	-3.29571	0.120637	0.580274	-1.72332	3.64583	6.03612	1.47166	1
cg02951880	1.83914	1.83914	0.0279911	0.358016	-2.79317	5.7932	14.3636	2.20389	1
cg00066554	0.996885	-1.00312	0.143908	0.625381	-1.59903	5.38951	7.62905	1.25825	1
cg07346851	0.862769	-1.15906	0.50316	0.869999	-1.14943	4.58293	3.04913	0.591398	1
cg19261127	1.12359	1.12359	0.17858	0.565633	-1.76793	4.36941	11.001	2.23798	1
cg26821539	1.6668	1.6668	0.697823	1.08198	1.08198	4.0545	2.61854	0.574077	1
cg25100296	0.805771	-1.24105	0.0653242	0.626318	-1.59663	3.9774	3.22184	0.720033	1
cg13428480	1.11387	1.11387	0.562016	0.914934	-1.09298	3.91513	1.42585	0.323723	1
cg21213571	1.32163	1.32163	0.750989	0.908773	-1.10038	3.85655	5.51444	1.27101	1
cg25136931	1.20462	1.20462	0.121907	0.482996	-2.07041	3.67911	10.9778	2.65228	1
cg07195126	0.56167	-1.78041	0.412892	0.700885	-1.42677	3.40304	9.71468	2.53751	1
cg06064254	0.761762	-1.31275	0.000522069	0.501761	-1.99298	16.6939	4.29833	0.228869	1
cg02393756	0.314918	-3.17542	0.0303158	0.375963	-2.65984	11.0297	25.785	2.07802	1
cg13461118	1.18633	1.18633	0.00107092	0.375851	-2.66063	6.15655	3.99742	0.577151	1
cg14702390	2.08651	2.08651	0.0593815	0.520025	-1.92298	5.53415	8.27355	1.32889	1
cg00263584	1.0255	1.0255	0.494035	1.30919	1.30919	5.51612	13.1462	2.11843	1
cg16338201	1.35888	1.35888	0.00534972	1.94641	1.94641	5.82254	2.71984	0.363318	1
cg14027161	0.168058	-5.95034	0.157147	0.451726	-2.21373	4.42	19.3125	3.88385	1
cg01075918	0.233293	-4.28645	0.747085	0.868284	-1.1517	4.32543	13.0525	2.68233	1
cg09172817	1.39813	1.39813	0.0170155	1.37013	1.37013	4.02842	0.747251	0.164884	1
cg25925582	1.36923	1.36923	0.0253623	1.4319	1.4319	3.87923	1.1209	0.256843	1
cg21947858	0.709365	-1.40971	0.948597	0.988031	-1.01211	4.36611	2.4118	0.491014	1
cg24636540	0.976277	-1.0243	0.0231167	0.626553	-1.59603	19.4079	9.1074	0.417123	1
cg02980249	2.09426	2.09426	0.937637	1.00651	1.00651	17.8587	1.9465	0.096884	1
cg16956876	1.21397	1.21397	0.858642	0.969598	-1.03136	11.6051	5.51239	0.42222	1
cg03073361	0.892017	-1.12105	0.101413	0.661473	-1.51178	11.1481	9.37559	0.747562	1
cg00783905	0.892367	-1.12062	0.178138	0.844468	-1.18418	11.1457	2.46427	0.19653	1
cg06977872	2.42981	2.42981	0.187798	0.719502	-1.38985	10.5241	9.27126	0.78307	1
cg12975324	1.24122	1.24122	0.00206073	0.481389	-2.07732	9.73645	4.37482	0.399399	1
cg06056514	0.850056	-1.17639	0.0142192	0.584023	-1.71226	9.22194	4.61839	0.44516	1
cg21368481	0.954777	-1.04736	0.0164846	0.521768	-1.91656	9.02339	7.04484	0.693983	1
cg11418013	0.77359	-1.29267	0.63112	1.24908	1.24908	11.964	37.9342	2.1138	1
cg01787834	0.932482	-1.07241	0.0483499	1.23495	1.23495	7.56915	1.04907	0.123199	1
cg25123046	0.842927	-1.18634	0.261568	0.871469	-1.14749	6.77867	1.48243	0.194392	1
cg09862543	1.28015	1.28015	0.904537	0.969535	-1.03142	6.5809	6.93072	0.936139	1
cg21393135	0.97214	-1.02866	0.185109	0.745145	-1.34202	6.043	4.19348	0.616836	1
cg24235613	0.85066	-1.17556	0.289394	0.566469	-1.76532	5.42593	22.9525	3.76014	1
cg21083928	0.685134	-1.45957	0.280398	0.716234	-1.39619	5.35135	7.49861	1.24556	1
cg26643537	0.838791	-1.19219	0.303793	0.622239	-1.6071	5.25603	16.5176	2.79342	1
cg20409298	0.560107	-1.78537	0.0931526	0.495501	-2.01816	5.21586	11.9392	2.03468	1
cg06658237	1.1987	1.1987	0.0402892	0.556872	-1.79574	4.93307	4.77039	0.859575	1
cg23389807	0.89671	-1.11519	0.346378	0.866487	-1.15409	4.92313	1.70296	0.307475	1
cg15948030	1.40365	1.40365	0.0479481	0.486594	-2.0551	4.49226	7.22076	1.42878	1
cg09514717	0.876857	-1.14044	0.7083	0.96591	-1.03529	4.4255	0.596916	0.119894	1
cg24556630	1.50626	1.50626	0.454231	0.767206	-1.30343	4.31388	8.25623	1.70122	1
cg13887029	0.589767	-1.69558	0.0481872	0.450929	-2.21764	4.14656	8.17051	1.75149	1
cg00202479	0.964854	-1.03643	0.00620093	0.368097	-2.71667	4.09565	5.08705	1.10406	1
cg11228624	1.06783	1.06783	0.136323	0.490946	-2.03689	4.09379	12.7384	2.7659	1
cg06312651	0.657513	-1.52088	0.0210321	0.340998	-2.93257	3.96194	9.42799	2.11524	1
cg05797367	0.823556	-1.21425	0.140226	0.603523	-1.65694	3.73381	5.98854	1.42566	1
cg06671654	1.40807	1.40807	0.850918	1.04745	1.04745	3.57465	3.43732	0.85474	1
cg15623062	1.02506	1.02506	0.114183	0.61393	-1.62885	3.46747	4.42693	1.13485	1
cg01259378	0.962732	-1.03871	0.507034	1.11854	1.11854	3.46372	1.51932	0.389901	1
cg12422930	0.907588	-1.10182	0.719193	1.05003	1.05003	3.42913	0.992919	0.257381	1
cg15978899	1.18243	1.18243	0.781643	0.964226	-1.0371	21.8297	5.94279	0.241986	1
cg00933603	0.611648	-1.63493	0.0113188	0.490229	-2.03986	15.2208	12.1794	0.711272	1
cg02601318	0.919153	-1.08796	0.000306347	2.0148	2.0148	11.4837	2.59673	0.200999	1
cg07269567	0.827635	-1.20826	0.19951	0.772861	-1.29389	9.59952	5.49331	0.508665	1
cg12457901	0.844974	-1.18347	0.0832173	0.831495	-1.20265	7.3492	1.07758	0.130334	1
cg01321872	1.18823	1.18823	0.051983	1.44514	1.44514	6.50913	2.85923	0.390457	1
cg17428922	3.57031	3.57031	0.0406982	1.83469	1.83469	6.25327	6.53295	0.928646	1
cg14935711	0.90328	-1.10708	0.781787	1.06633	1.06633	5.38258	4.55981	0.753015	1
cg27172893	1.23064	1.23064	0.00231725	0.742254	-1.34725	5.36161	0.416679	0.0690802	1
cg24268004	1.09086	1.09086	0.318784	1.20886	1.20886	6.03841	3.14089	0.404563	1
cg02149965	3.13242	3.13242	0.182763	1.70277	1.70277	4.99725	11.2169	1.99522	1
cg07906263	0.726958	-1.37559	0.0434396	0.491201	-2.03583	4.67314	6.93505	1.31913	1
cg16113650	2.70698	2.70698	0.10175	1.75233	1.75233	4.62499	7.18243	1.38041	1
cg06879746	3.12955	3.12955	0.0807262	1.95472	1.95472	4.40173	8.34828	1.68586	1
cg27525647	1.02565	1.02565	0.0387704	2.05316	2.05316	4.34876	6.224	1.27219	1
cg16958594	1.04295	1.04295	0.462874	0.766256	-1.30505	4.2537	8.55159	1.78701	1
cg19912283	0.790138	-1.2656	0.573272	0.720099	-1.3887	3.83664	15.7327	4.68645	1
cg05853013	1.08083	1.08083	0.864387	1.04763	1.04763	3.70379	4.34652	1.04314	1
cg10158679	1.30421	1.30421	0.455417	0.753646	-1.32688	3.68493	8.0775	1.94848	1
cg09296730	1.28162	1.28162	0.565345	0.876247	-1.14123	3.66499	2.99913	0.727394	1
cg19301017	0.977083	-1.02345	0.596785	0.715862	-1.39692	3.5116	21.8009	5.51845	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05680196	VARS2;VARS2;VARS2	0.046476	0.322893	0.575132	-1.73873	0.36468	0.603742	-1.65634	0.587454	0.743227	-1.34548	0.236988	1.95656	1.95656	0.167038	0.450218	-2.22115	0.129049	0.411242	-2.43166	0.00249329	0.102646	-9.7422	0.145989	2.32924	2.32924	0.656335	1.27459	1.27459	3.48309	16.1895	4.13158	1
cg26784891	VARS2;VARS2;VARS2	0.0495273	0.348904	0.752358	-1.32915	0.669429	1.1351	1.1351	0.220998	1.46174	1.46174	0.0499855	1.93392	1.93392	0.310515	0.733721	-1.36292	0.733446	0.904059	-1.10612	0.0085783	0.371841	-2.68932	0.0582061	1.8807	1.8807	0.293432	1.3793	1.3793	3.40038	4.68883	1.2257	1
cg26860970	VARS2;VARS2;VARS2;GTF2H4	0.00124207	0.343384	0.787465	-1.2699	0.00246163	2.80357	2.80357	0.000188155	4.67444	4.67444	0.00155797	3.04394	3.04394	0.324789	1.28262	1.28262	0.113332	1.52469	1.52469	0.0663811	0.604108	-1.65533	0.536792	1.16545	1.16545	0.00240985	2.81411	2.81411	11.0624	10.4984	0.843568	1
cg27650171	VARS2;VARS2;VARS2;GTF2H4	0.00177424	?	?	?	0.00183002	2.35104	2.35104	0.000386493	3.05195	3.05195	0.001749	2.36748	2.36748	0.14582	1.33329	1.33329	0.00859061	1.88737	1.88737	0.0329928	0.627693	-1.59314	0.700468	1.07302	1.07302	0.124867	1.35857	1.35857	12.1943	5.57857	0.400289	1
cg09424348	VARS2;VARS2;VARS2;GTF2H4	0.00911116	0.697365	1.13152	1.13152	0.0033592	3.53122	3.53122	0.00310337	3.59415	3.59415	0.0111407	2.73484	2.73484	0.557349	0.82891	-1.2064	0.595793	1.18445	1.18445	0.505768	0.807758	-1.23799	0.81611	1.07644	1.07644	0.00389586	3.4174	3.4174	6.0886	9.64084	1.40749	1
cg05267955	VARS2;VARS2;VARS2;GTF2H4	0.00962218	0.603861	1.17997	1.17997	0.00232323	3.83675	3.83675	0.00342871	3.51454	3.51454	0.0113648	2.72329	2.72329	0.28711	0.705083	-1.41827	0.728427	1.1165	1.1165	0.44506	0.781828	-1.27905	0.568724	1.19975	1.19975	0.011037	2.73969	2.73969	5.98377	9.47207	1.40708	1
cg10661769	VARS2;VARS2;VARS2;GTF2H4	0.0120043	0.877665	1.04303	1.04303	0.0310245	1.99848	1.99848	0.00446217	2.82125	2.82125	0.0442287	1.88148	1.88148	0.0347273	0.510088	-1.96045	0.412443	0.795197	-1.25755	0.0836217	1.68816	1.68816	0.097841	1.64322	1.64322	0.00842766	2.5095	2.5095	5.57285	6.60087	1.05286	1
cg05103231	VARS2;VARS2;VARS2;GTF2H4	0.0169559	0.829927	0.94394	-1.05939	0.0126815	2.29543	2.29543	0.485244	1.2095	1.2095	0.498538	1.20235	1.20235	0.606554	1.1495	1.1495	0.262029	0.730752	-1.36845	0.0363807	0.520769	-1.92024	0.628103	1.13988	1.13988	0.00135114	3.48496	3.48496	4.9738	5.66667	1.01271	1
cg02306936	VARS2;VARS2;VARS2;GTF2H4	0.0225242	0.0132959	0.382775	-2.6125	0.239234	0.679884	-1.47084	0.148008	0.615187	-1.62552	0.561767	1.2016	1.2016	0.00339168	0.287366	-3.47988	0.632324	0.859928	-1.16289	0.00556158	0.319753	-3.12742	0.569598	1.19711	1.19711	0.948513	1.02042	1.02042	4.51725	7.01137	1.37967	1
cg00649377	VARS2;VARS2;VARS2;GTF2H4	0.0253813	0.393726	1.49268	1.49268	0.00986509	4.46041	4.46041	0.023426	3.4609	3.4609	0.0960024	2.3122	2.3122	0.0134307	0.245722	-4.06964	0.805628	1.11968	1.11968	0.777104	1.13898	1.13898	0.79552	1.12646	1.12646	0.0404649	2.95963	2.95963	4.33434	14.432	2.95972	1
cg18261909	VARS2;VARS2;VARS2;GTF2H4	0.040636	0.459663	1.26184	1.26184	0.00889711	2.79641	2.79641	0.00426481	3.25853	3.25853	0.0799685	1.82242	1.82242	0.664234	0.873784	-1.14445	0.262168	1.43504	1.43504	0.132148	1.65204	1.65204	0.448195	1.2697	1.2697	0.03133	2.18204	2.18204	3.66178	5.53473	1.34355	1
cg19104656	VARS2;VARS2;VARS2;VARS2;VARS2	0.0287179	0.97114	0.982166	-1.01816	0.90036	1.06429	1.06429	0.927147	1.04654	1.04654	0.538027	0.733344	-1.36362	0.0156618	0.229091	-4.36508	0.188935	0.500428	-1.99829	0.0545394	2.95914	2.95914	0.0355295	3.37817	3.37817	0.0105662	0.201938	-4.95201	4.15055	16.264	3.48312	1
cg17184952	VARS;VARS	0.00392892	0.0725812	1.2429	1.2429	0.00178262	0.617108	-1.62046	0.0194054	0.735801	-1.35906	0.000352239	0.536224	-1.86489	0.0187665	0.73411	-1.36219	0.468113	0.922994	-1.08343	0.11372	0.829611	-1.20538	0.68845	0.957193	-1.04472	0.364336	0.903768	-1.10648	7.89502	1.47321	0.165867	1
cg11394653	VARS;VARS	0.00887407	0.907814	0.972732	-1.02803	0.00252861	2.71962	2.71962	0.0193496	1.96404	1.96404	0.0435568	0.574719	-1.73998	0.556584	1.15248	1.15248	0.303182	0.775276	-1.28986	0.00589366	0.423201	-2.36294	0.30579	1.28797	1.28797	0.6428	0.89452	-1.11792	6.13975	5.53883	0.80189	1
cg21963656	VARS;VARS	0.0288813	0.0516798	1.35167	1.35167	0.044066	0.72993	-1.36999	0.684072	0.945852	-1.05725	0.331208	1.14617	1.14617	0.680474	0.945211	-1.05796	0.528806	1.09071	1.09071	0.00252764	0.565263	-1.76909	0.1811	1.21313	1.21313	0.590636	0.928772	-1.07669	4.14223	1.21472	0.260668	1
cg14124894	VASH1	0.0149285	0.221089	0.814279	-1.22808	0.120602	0.764223	-1.30852	0.0589237	1.40593	1.40593	0.0691861	1.38367	1.38367	0.00130164	0.473309	-2.11279	0.298172	1.18797	1.18797	0.407332	1.14497	1.14497	0.432585	1.13646	1.13646	0.195188	1.24463	1.24463	5.18889	2.09653	0.359149	1
cg23948080	VASH1	0.0222141	0.125085	1.87965	1.87965	0.0282182	0.37347	-2.67759	0.961853	1.01835	1.01835	0.023005	0.355724	-2.81116	0.537812	0.788881	-1.26762	0.0993801	0.503282	-1.98696	0.0904487	2.03224	2.03224	0.240862	0.627052	-1.59476	0.0135481	3.1946	3.1946	4.53883	10.3869	2.03419	1
cg24996930	VASH1	0.0239592	0.713096	1.09707	1.09707	0.0141885	0.456322	-2.19143	0.412626	1.23454	1.23454	0.0672916	1.68755	1.68755	0.0389566	0.541625	-1.8463	0.269037	1.33692	1.33692	0.0392543	0.542308	-1.84397	0.0149775	0.460653	-2.17083	0.423875	1.22803	1.22803	4.90091	4.77523	0.757832	1
cg02735446	VASH1	0.024686	0.971643	0.994797	-1.00523	0.000592417	0.459138	-2.17799	0.742998	1.04947	1.04947	0.216356	1.21035	1.21035	0.436931	1.12341	1.12341	0.18936	1.22632	1.22632	0.821093	0.967309	-1.0338	0.56417	0.918009	-1.08931	0.466263	1.11494	1.11494	4.37642	1.49255	0.30315	1
cg07559696	VASH1	0.0364883	0.0102251	0.112285	-8.90591	0.193972	2.37952	2.37952	0.0252152	5.78913	5.78913	?	?	?	0.273788	0.489686	-2.04212	0.596335	1.39297	1.39297	?	?	?	0.94273	0.956569	-1.0454	0.105592	0.323454	-3.09163	4.84203	21.6936	3.84023	1
cg18442587	VASH1;VASH1	0.000288276	0.641446	0.958651	-1.04313	0.000253655	1.72098	1.72098	0.00147886	1.51132	1.51132	0.0278058	1.26381	1.26381	0.995768	0.999523	-1.00048	0.0179015	0.771744	-1.29577	0.000219659	0.574341	-1.74113	0.00335475	0.698121	-1.43242	0.815706	0.979197	-1.02124	16.6305	2.13547	0.11414	1
cg01003599	VASH2;VASH2;VASH2	0.00021538	0.322917	1.28968	1.28968	0.00038733	0.244092	-4.09682	0.00166601	0.326102	-3.06652	0.654717	1.11869	1.11869	0.478881	1.19646	1.19646	0.534351	0.854879	-1.16976	8.94E-06	0.0908731	-11.0044	0.0365828	0.545941	-1.8317	0.0866145	1.60254	1.60254	18.0055	17.7029	0.87395	1
cg00165121	VASH2;VASH2;VASH2	0.00697268	0.684815	0.908441	-1.10079	0.5868	1.13784	1.13784	0.0264707	0.538422	-1.85728	0.656575	0.900049	-1.11105	0.000994572	0.316392	-3.16064	0.0693952	0.620035	-1.61281	0.00130038	0.33215	-3.01068	0.787641	0.938443	-1.0656	0.00902021	0.457875	-2.184	6.62319	5.8082	0.77951	1
cg14523881	VASH2;VASH2;VASH2	0.00871085	0.0363037	1.22481	1.22481	0.00151842	1.46299	1.46299	0.00141557	1.46944	1.46944	0.792681	0.978293	-1.02219	0.841108	0.983415	-1.01686	0.664888	0.96434	-1.03698	0.0196109	1.26482	1.26482	0.142059	1.14055	1.14055	0.0544435	1.19939	1.19939	6.17597	0.678975	0.0977228	1
cg26875131	VASH2;VASH2;VASH2	0.0336243	0.502261	0.889467	-1.12427	0.680453	0.931242	-1.07383	0.0129759	0.588389	-1.69956	0.00453371	0.52178	-1.91652	0.0353129	0.655972	-1.52446	0.645674	1.08289	1.08289	0.129168	1.32584	1.32584	0.686413	1.07231	1.07231	0.720659	0.940105	-1.06371	3.92352	1.83869	0.416562	1
cg04907523	VASH2;VASH2;VASH2	0.0452938	0.587046	0.832415	-1.20132	0.759386	1.10822	1.10822	0.0670354	0.503272	-1.987	0.00433038	0.279304	-3.58033	0.010656	0.341666	-2.92684	0.277899	0.685637	-1.4585	0.267868	0.679744	-1.47114	0.0455793	0.464496	-2.15287	0.920048	1.03415	1.03415	3.51694	6.2315	1.57498	1
cg09163958	VASH2;VASH2;VASH2;VASH2;VASH2;VASH2	0.00177517	0.373989	0.893337	-1.1194	0.164161	1.20139	1.20139	0.0888911	1.26103	1.26103	0.894634	1.01651	1.01651	0.00754827	0.653867	-1.52936	0.0173908	0.699121	-1.43037	7.68E-05	0.412504	-2.42422	0.174958	1.19519	1.19519	0.622584	1.06324	1.06324	9.98191	2.41507	0.215062	1
cg02048412	VASN;CORO7	0.039193	0.0805167	0.511006	-1.95693	0.130357	0.567882	-1.76093	0.826957	1.07877	1.07877	0.182861	0.612905	-1.63157	0.011333	0.333485	-2.99864	0.469589	0.775066	-1.29021	0.00197123	0.219909	-4.54734	0.124811	0.562432	-1.77799	0.346176	0.714626	-1.39933	3.71085	7.04984	1.6887	1
cg10102242	VASN;CORO7	0.0433679	0.0866213	0.349174	-2.86391	0.0396673	0.266483	-3.75258	0.496566	1.4678	1.4678	0.29873	0.549484	-1.81989	0.0209035	0.213279	-4.6887	0.764443	0.846146	-1.18183	0.0056505	0.132813	-7.52941	0.0449453	0.278231	-3.59414	0.815882	1.13845	1.13845	3.5745	17.4958	4.35078	1
cg07800034	VASN;CORO7	0.0442933	0.238332	1.57586	1.57586	0.00925385	3.37455	3.37455	0.0327299	2.50937	2.50937	0.622335	1.20059	1.20059	0.0154666	0.334907	-2.98591	0.266789	1.53119	1.53119	0.872368	1.06099	1.06099	0.857755	1.0683	1.0683	0.748103	1.12598	1.12598	3.54646	7.61637	1.90898	1
cg11666017	VASP	0.000165294	5.45E-06	0.380009	-2.63152	0.10139	1.18386	1.18386	0.989914	1.00119	1.00119	0.0295543	0.785762	-1.27265	0.000304561	0.575701	-1.73701	0.00878517	0.730502	-1.36892	0.109138	1.17868	1.17868	0.0169278	0.760235	-1.31538	0.0307148	0.787541	-1.26977	19.3435	2.71285	0.124663	1
cg15485670	VASP	0.00430385	?	?	?	0.101192	1.73456	1.73456	0.305754	1.38458	1.38458	0.135706	0.61055	-1.63787	0.36731	0.752638	-1.32866	0.000184452	0.143889	-6.94978	?	?	?	0.670637	1.14027	1.14027	0.314985	1.37552	1.37552	8.05757	9.34561	1.32555	1
cg21218899	VASP	0.0102737	0.424092	0.708922	-1.41059	0.980135	0.989563	-1.01055	0.411615	1.42443	1.42443	0.649562	0.824681	-1.21259	0.101842	0.470185	-2.12682	0.00012392	0.0595992	-16.7788	0.78843	0.892848	-1.12001	0.543822	0.771891	-1.29552	0.941923	0.969764	-1.03118	5.85974	16.4792	2.4998	1
cg03242360	VASP	0.0243524	0.136932	2.09709	2.09709	0.0370529	3.10431	3.10431	0.0542686	2.76784	2.76784	0.56585	1.30427	1.30427	0.521801	0.742837	-1.34619	0.311134	1.61821	1.61821	0.700466	0.837987	-1.19334	0.0023781	0.129443	-7.72542	0.283313	1.66921	1.66921	4.87106	15.768	2.51773	1
cg08425610	VASP	0.0307768	0.833174	1.03541	1.03541	0.123836	0.75962	-1.31645	0.065606	0.711157	-1.40616	0.628976	0.922824	-1.08363	0.484285	1.12441	1.12441	0.550309	0.905114	-1.10483	0.00225365	2.02439	2.02439	0.946653	1.0111	1.0111	0.0602235	0.704937	-1.41857	4.04984	1.74552	0.383119	1
cg11639397	VASP;VASP	0.0320695	0.641788	0.883885	-1.13137	0.619433	1.141	1.141	0.000587372	4.05261	4.05261	0.553201	0.853821	-1.17121	0.908372	0.970123	-1.0308	0.537752	0.848418	-1.17866	0.869998	1.0441	1.0441	0.824718	1.06018	1.06018	0.116394	1.56752	1.56752	3.99078	4.38703	0.977148	1
cg08041014	VAT1	1.76E-05	0.000181567	0.362193	-2.76096	0.000482738	0.415671	-2.40575	0.000799284	0.444007	-2.25222	0.00169564	0.487168	-2.05268	2.56E-06	0.161596	-6.18828	5.03E-05	0.295454	-3.38462	4.32E-06	0.182602	-5.4764	0.080112	0.732434	-1.36531	0.000127774	0.343501	-2.9112	35.0219	14.2656	0.362075	1
cg11808250	VAT1	0.00115137	0.013869	0.453345	-2.20582	0.817192	1.0621	1.0621	0.68133	1.11342	1.11342	0.634459	1.13273	1.13273	0.705068	0.905799	-1.104	1.35E-05	0.093576	-10.6865	0.647844	0.887225	-1.12711	0.6109	1.14283	1.14283	0.974535	0.991729	-1.00834	11.3044	12.1208	0.953086	1
cg14995433	VAT1	0.015923	0.480377	1.04449	1.04449	0.379608	0.946701	-1.0563	0.0450666	1.15286	1.15286	0.278683	0.93371	-1.071	0.811166	0.985612	-1.0146	0.0170109	0.833745	-1.19941	0.00169755	1.33358	1.33358	0.720852	1.02197	1.02197	0.141094	0.907648	-1.10175	5.696	0.323585	0.0441849	1
cg25070639	VAT1	0.019702	0.18861	0.621589	-1.60878	0.00161407	4.67963	4.67963	0.286908	1.45858	1.45858	0.846004	0.935781	-1.06863	0.0967142	0.536647	-1.86342	0.318369	0.703256	-1.42196	0.138548	0.580244	-1.72341	0.0694202	2.00029	2.00029	0.273622	0.677814	-1.47533	4.7286	8.72606	1.64034	1
cg03163819	VAT1	0.0331522	0.58427	1.22966	1.22966	0.0635003	0.458095	-2.18296	0.765911	1.11819	1.11819	0.10338	1.94739	1.94739	0.0464797	0.426046	-2.34716	0.0180795	0.341542	-2.9279	0.901669	1.04733	1.04733	0.0167141	2.98308	2.98308	0.684431	1.16519	1.16519	3.94353	8.74315	1.97075	1
cg02214096	VAT1L	5.04E-07	0.0496348	0.763639	-1.30952	3.63E-09	0.041998	-23.8106	0.111284	0.811506	-1.23228	0.914099	1.01308	1.01308	0.0546976	1.30004	1.30004	0.0499768	0.764031	-1.30885	0.390545	0.899485	-1.11175	0.794795	1.03188	1.03188	0.253985	1.15422	1.15422	87.3036	20.0454	0.204094	1
cg04378874	VAT1L	0.000473551	0.224478	0.64178	-1.55817	7.09E-06	0.031715	-31.5309	0.948853	0.977949	-1.02255	0.884551	0.950753	-1.0518	0.86554	0.942795	-1.06068	0.197119	1.60632	1.60632	0.0160318	0.358946	-2.78593	0.0457638	2.21661	2.21661	0.596274	1.20423	1.20423	14.5074	27.759	1.70083	1
cg04591018	VAT1L	0.00256078	0.00176469	0.264903	-3.77496	0.557789	0.837975	-1.19335	0.0077315	0.360487	-2.77402	0.00892023	0.370782	-2.697	0.000419267	0.188675	-5.30012	0.0478849	0.509404	-1.96308	0.386614	0.76747	-1.30298	0.00175849	0.264697	-3.7779	0.00464101	0.325325	-3.07385	8.96837	12.6311	1.25192	1
cg09635036	VAT1L	0.00369019	0.00504501	0.260348	-3.84102	0.00105221	0.172261	-5.80513	0.00543823	0.265217	-3.77049	0.195075	0.608154	-1.64432	0.00220954	0.210852	-4.74266	0.0127753	0.325469	-3.07248	0.00541197	0.264901	-3.77499	0.025641	0.382131	-2.6169	0.00521429	0.262481	-3.8098	8.04521	16.7785	1.85381	1
cg08552189	VAT1L	0.0332846	0.0912638	0.454948	-2.19805	0.030715	0.341386	-2.92924	0.0117038	0.263474	-3.79544	0.420273	0.705626	-1.41718	0.036038	0.356089	-2.80829	0.150533	0.52074	-1.92034	0.0295722	0.337981	-2.95875	0.0036621	0.189384	-5.28027	0.229224	0.586094	-1.70621	3.93788	11.1828	2.52428	1
cg06989330	VAT1L	0.0476111	0.767134	0.975341	-1.02528	0.219894	1.11456	1.11456	0.0043171	1.37822	1.37822	0.0232408	1.25619	1.25619	0.0987333	1.16441	1.16441	0.184548	0.888401	-1.12562	0.776238	1.02425	1.02425	0.901463	1.01047	1.01047	0.122247	1.15122	1.15122	3.45156	0.386443	0.0995216	1
cg13470920	VAV1	8.94E-07	2.50E-06	0.341349	-2.92955	1.71E-05	0.435359	-2.29696	1.74E-05	0.436363	-2.29167	0.000486593	0.597191	-1.67451	3.29E-07	0.246815	-4.05162	8.33E-05	0.51285	-1.94989	8.94E-08	0.191364	-5.22563	9.31E-06	0.405505	-2.46606	0.000752207	0.617584	-1.61921	75.469	10.627	0.125167	1
cg25804146	VAV1	5.55E-06	0.00832074	0.724867	-1.37956	1.48E-05	2.35777	2.35777	0.223971	0.88526	-1.12961	0.690334	0.962517	-1.03894	0.0036618	0.687367	-1.45483	5.75E-06	2.64861	2.64861	1.94E-06	3.07706	3.07706	0.000492444	1.68307	1.68307	0.0112882	0.738799	-1.35355	47.2565	6.81149	0.128123	1
cg18550517	VAV1	1.83E-05	0.0575845	0.731405	-1.36723	0.0151803	1.54411	1.54411	3.43E-07	0.116487	-8.58468	0.298035	1.17015	1.17015	0.0148509	0.646299	-1.54727	0.356322	1.1482	1.1482	0.0919823	1.31023	1.31023	0.00615033	0.594142	-1.6831	0.000350456	0.433031	-2.30931	34.6767	11.6527	0.2987	1
cg17284531	VAV1	4.68E-05	0.0155789	0.655206	-1.52624	0.726256	1.05138	1.05138	0.00212632	0.540389	-1.85052	0.000393824	0.447177	-2.23625	0.608628	0.929026	-1.0764	1.37E-06	0.172499	-5.79714	0.0132818	1.54864	1.54864	0.110887	1.28095	1.28095	0.00354921	0.569335	-1.75644	27.0978	8.72092	0.286072	1
cg10321146	VAV1	0.000555054	0.000132295	0.237917	-4.20315	0.000521217	3.22738	3.22738	0.119386	0.693501	-1.44196	0.00569303	0.455946	-2.19324	0.00540509	0.452486	-2.21001	0.834714	1.04629	1.04629	0.171043	0.729306	-1.37117	0.411477	1.19947	1.19947	0.00936873	0.489892	-2.04126	13.8817	10.3121	0.660311	1
cg26571739	VAV1	0.000726111	0.0695705	0.645978	-1.54804	0.000933556	0.345223	-2.89668	0.00782999	0.479591	-2.08511	0.0144937	0.522821	-1.9127	0.00371829	0.430096	-2.32506	0.0269111	0.568796	-1.7581	5.25E-05	0.196506	-5.08891	0.000401257	0.297577	-3.36048	0.00697088	0.471677	-2.1201	12.878	9.4541	0.652557	1
cg04770550	VAV1	0.000880989	0.0637993	0.442098	-2.26194	0.00120688	0.156115	-6.40552	0.437982	0.733508	-1.36331	0.0101069	0.280478	-3.56535	0.00973803	0.277822	-3.59943	0.00158351	0.169211	-5.90978	5.61E-05	0.0532107	-18.7932	0.133632	1.88468	1.88468	0.385048	0.705488	-1.41746	12.196	29.641	2.16034	1
cg03730385	VAV1	0.0231487	0.472149	1.4877	1.4877	0.0383587	0.271598	-3.68192	0.281634	0.544564	-1.83633	0.3906	1.61256	1.61256	0.00144483	0.0820198	-12.1922	0.33059	1.72513	1.72513	0.750116	1.18953	1.18953	0.424621	1.55722	1.55722	0.0461266	0.289035	-3.45979	4.4749	20.9096	4.15345	1
cg19791630	VAV1;VAV1	0.00371303	0.117017	0.665233	-1.50323	0.0350815	0.555572	-1.79995	0.00693579	0.433287	-2.30794	0.0622048	0.604977	-1.65295	0.0648139	0.608691	-1.64287	0.114647	0.663163	-1.50793	0.000201297	0.224634	-4.45169	0.00126795	0.324368	-3.08292	0.0130108	0.478223	-2.09107	8.03032	7.2884	0.806765	1
cg01845476	VAV2;VAV2	0.000491394	0.00711577	0.650251	-1.53787	0.366594	0.891519	-1.12168	0.000150947	0.446965	-2.23731	0.00753053	0.653293	-1.53071	7.01E-05	0.407195	-2.45583	0.0154254	0.69214	-1.4448	0.000191823	0.459461	-2.17646	0.0388854	0.743768	-1.3445	0.247929	0.861108	-1.1613	14.3595	3.48542	0.215756	1
cg14405625	VAV2;VAV2	0.00055074	0.000415925	0.20253	-4.93755	0.00124441	0.260443	-3.83961	0.00600901	0.359222	-2.78379	0.000972637	0.246677	-4.05389	0.690035	0.891968	-1.12112	0.0213037	0.45418	-2.20177	0.00123512	0.260018	-3.84589	0.000100193	0.139799	-7.15312	0.00317261	0.316819	-3.15637	13.9119	17.9205	1.14501	1
cg14415954	VAV2;VAV2	0.00141011	0.0365001	0.760054	-1.3157	0.000993997	0.575746	-1.73688	0.000380757	0.527003	-1.89752	0.972802	1.00386	1.00386	0.00345542	0.638798	-1.56544	0.00697953	1.48275	1.48275	0.838572	1.02329	1.02329	0.0469638	0.773611	-1.29264	0.605249	0.942842	-1.06062	10.6674	2.15275	0.179383	1
cg14125800	VAV2;VAV2	0.00172388	0.509327	1.06071	1.06071	0.18802	0.884424	-1.13068	0.00950349	0.748821	-1.33543	0.0930504	0.849868	-1.17665	0.173693	1.13591	1.13591	0.333026	1.09189	1.09189	5.44E-05	1.93896	1.93896	0.52207	1.05879	1.05879	0.177888	1.13434	1.13434	10.067	1.23584	0.109121	1
cg14129329	VAV2;VAV2	0.00612425	0.00853496	0.180089	-5.5528	0.454573	1.47564	1.47564	0.0206477	0.240815	-4.15256	0.854477	1.09832	1.09832	0.011394	0.198326	-5.0422	0.996022	0.997456	-1.00255	0.000947028	0.0806509	-12.3991	0.0412495	3.32911	3.32911	0.546004	0.731899	-1.36631	6.89536	28.4944	3.67324	1
cg12277882	VAV2;VAV2	0.00639966	0.492589	0.882647	-1.13296	0.000161521	0.315448	-3.1701	0.708036	1.06971	1.06971	0.280171	1.22272	1.22272	0.010538	0.561913	-1.77963	0.203719	0.7864	-1.27162	0.689376	0.930562	-1.07462	0.35637	1.18521	1.18521	0.796181	1.04746	1.04746	6.80211	3.45641	0.451678	1
cg04582843	VAV2;VAV2	0.00731794	0.189064	0.897859	-1.11376	0.0175212	1.25093	1.25093	0.0254466	1.22833	1.22833	0.02164	1.23806	1.23806	0.0602349	1.17835	1.17835	0.365755	1.07461	1.07461	0.00539952	0.753069	-1.3279	0.013692	1.26628	1.26628	0.0831221	1.16017	1.16017	6.524	0.619597	0.0844196	1
cg13600947	VAV2;VAV2	0.00864993	0.0419214	0.51963	-1.92445	0.0498374	0.53545	-1.86759	0.000335225	0.198872	-5.02836	0.00576306	0.36412	-2.74635	0.765692	0.919937	-1.08703	0.132873	0.635871	-1.57265	0.0736806	0.573071	-1.74499	0.0186647	0.451089	-2.21686	0.0746956	0.574439	-1.74083	6.1897	7.64308	1.09761	1
cg13860612	VAV2;VAV2	0.010868	0.0631197	0.481045	-2.07881	0.082912	0.510573	-1.95858	0.0034342	0.248707	-4.0208	0.0252544	2.53814	2.53814	0.0320922	0.415202	-2.40846	0.0409328	0.437805	-2.28412	0.00875482	0.310653	-3.21903	0.748219	1.11935	1.11935	0.465346	0.770959	-1.29709	5.75485	11.1711	1.72547	1
cg14234545	VAV2;VAV2	0.0116087	0.0453988	0.691014	-1.44715	0.0259909	1.53045	1.53045	0.00270116	0.513	-1.94932	0.0380482	0.678909	-1.47295	0.176836	0.793584	-1.26011	0.134575	0.771195	-1.29669	0.344432	1.1698	1.1698	0.258475	0.82706	-1.2091	0.0134793	0.61104	-1.63655	5.63368	2.31405	0.365114	1
cg00788204	VAV2;VAV2	0.0134325	0.00220516	0.260802	-3.83433	0.43015	0.777067	-1.28689	0.00680867	0.333491	-2.99858	0.951232	1.01934	1.01934	0.00568232	0.321028	-3.115	0.0903953	0.557426	-1.79396	0.0223973	0.424463	-2.35592	0.646843	1.15544	1.15544	0.0861232	0.552146	-1.81112	5.37233	8.34698	1.38106	1
cg14266770	VAV2;VAV2	0.0135114	0.0733111	0.759501	-1.31665	0.105263	1.2761	1.2761	0.0518536	0.737294	-1.35631	0.0120865	0.649839	-1.53884	0.218154	0.836576	-1.19535	0.233987	1.18752	1.18752	0.975743	0.99582	-1.0042	0.328815	0.870373	-1.14893	0.00131172	0.52503	-1.90465	5.36203	1.61143	0.267134	1
cg14629665	VAV2;VAV2	0.0214482	0.316791	0.690346	-1.44855	0.00327054	4.20158	4.20158	0.0543028	2.18572	2.18572	0.263265	0.658627	-1.51831	0.826707	1.08167	1.08167	0.0504867	2.22142	2.22142	0.545538	0.803285	-1.24489	0.0185819	2.77842	2.77842	0.0560547	2.17033	2.17033	4.59375	9.32794	1.80495	1
cg14429807	VAV2;VAV2	0.0225097	0.139324	0.551278	-1.81397	0.0322574	0.391182	-2.55635	0.0119289	0.309005	-3.2362	0.706404	1.15217	1.15217	0.00481589	0.246597	-4.0552	0.150399	1.78068	1.78068	0.750474	0.887433	-1.12685	0.0253687	0.369801	-2.70416	0.165671	0.574992	-1.73916	4.51826	10.0258	1.97239	1
cg14521777	VAV2;VAV2	0.0268299	0.00253617	0.446865	-2.23781	0.464463	1.15388	1.15388	0.21728	0.779149	-1.28345	0.0468519	0.645682	-1.54875	0.682326	0.923934	-1.08233	0.282588	0.806821	-1.23943	0.0879506	1.43624	1.43624	0.0237961	0.595319	-1.67977	0.997133	1.00069	1.00069	4.25108	2.48837	0.520312	1
cg13506496	VAV2;VAV2	0.0289458	0.0749371	0.41418	-2.41441	0.00966039	0.226158	-4.42169	0.0500127	0.368961	-2.71031	0.680987	1.19818	1.19818	0.122384	0.476734	-2.0976	0.446687	0.711817	-1.40486	0.287593	0.615518	-1.62465	0.0218959	3.44623	3.44623	0.13502	2.03876	2.03876	4.56236	13.5087	2.30292	1
cg14381371	VAV2;VAV2	0.0297218	0.0175363	0.386246	-2.58903	0.060658	0.498558	-2.00578	0.220552	0.65452	-1.52784	0.00778582	0.324835	-3.07848	0.00638524	0.310998	-3.21545	0.139921	0.592935	-1.68653	0.798751	1.08772	1.08772	0.0332573	0.440898	-2.2681	0.0804806	0.528336	-1.89274	4.10037	7.03309	1.52465	1
cg13896891	VAV2;VAV2	0.0360778	0.36524	1.11273	1.11273	0.247231	0.870309	-1.14902	0.82754	0.975261	-1.02537	0.106287	0.816681	-1.22447	0.111482	0.819522	-1.22022	0.00735778	0.672601	-1.48677	0.0769543	1.25334	1.25334	0.0623116	0.785911	-1.27241	0.146882	1.19572	1.19572	3.82483	0.79852	0.185575	1
cg14069709	VAV2;VAV2	0.0393058	0.0471481	0.484761	-2.06287	0.00259084	0.264281	-3.78384	0.0591348	0.506996	-1.9724	0.0860578	0.54627	-1.8306	0.0276094	0.435918	-2.29401	0.06982	0.52398	-1.90847	0.182593	0.637064	-1.5697	0.49446	0.801584	-1.24753	0.0459268	0.482249	-2.07362	3.70693	5.96581	1.43055	1
cg13935548	VAV2;VAV2	0.0409541	0.0115416	0.369041	-2.70973	0.0434121	0.480467	-2.08131	0.0330622	0.45546	-2.19558	0.921346	1.03166	1.03166	0.184786	0.641558	-1.55871	0.0838338	0.546762	-1.82895	0.00556352	0.316861	-3.15596	0.830027	0.934411	-1.07019	0.12513	0.592246	-1.68849	3.65125	5.75862	1.40193	1
cg13134662	VAV2;VAV2	0.0426218	0.238303	0.796935	-1.25481	0.0434749	1.53218	1.53218	0.725871	0.937358	-1.06683	0.0380782	0.642863	-1.55554	0.137926	0.7456	-1.3412	0.351601	1.19264	1.19264	0.751476	1.06012	1.06012	0.0113965	0.558773	-1.78964	0.207531	1.27665	1.27665	3.59765	1.9242	0.475423	1
cg14446165	VAV2;VAV2	0.0449509	0.144698	0.594672	-1.6816	0.01134	0.349292	-2.86293	0.362642	0.733133	-1.36401	0.218841	1.53582	1.53582	0.00758758	0.320044	-3.12457	0.595701	0.83722	-1.19443	0.203182	0.640397	-1.56153	0.239136	1.50532	1.50532	0.220222	0.652038	-1.53365	3.52697	6.1488	1.54966	1
cg14254966	VAV2;VAV2	0.0464369	0.279037	0.814383	-1.22792	0.200724	1.2796	1.2796	0.00270685	0.469606	-2.12945	0.659147	1.08435	1.08435	0.170176	0.766046	-1.3054	0.202982	0.782565	-1.27785	0.0477241	0.661643	-1.51139	0.492239	1.1357	1.1357	0.920494	0.981951	-1.01838	3.48419	1.83657	0.468547	1
cg01422262	VAV3	0.00167464	0.422055	0.738829	-1.35349	0.0555131	2.22764	2.22764	0.0182606	0.34736	-2.87886	0.00367548	0.234712	-4.26054	0.0548498	0.447671	-2.23378	0.25118	0.642435	-1.55658	7.21E-05	0.0693857	-14.4122	0.0113535	0.310424	-3.2214	0.904816	1.04514	1.04514	10.1518	21.9016	1.91769	1
cg01959838	VAV3	0.00210278	0.00812683	0.484058	-2.06587	0.235872	0.76645	-1.30472	0.648214	1.10336	1.10336	0.620896	1.11266	1.11266	0.00225377	0.400346	-2.49784	0.0194574	1.83098	1.83098	0.00842808	0.486556	-2.05526	0.00135299	2.70876	2.70876	0.372042	0.821811	-1.21682	9.50199	6.89995	0.645474	1
cg17099397	VAV3	0.00468268	0.881996	1.02378	1.02378	0.000232117	0.380446	-2.6285	0.215617	0.813687	-1.22897	0.526576	1.10684	1.10684	0.189391	1.24599	1.24599	0.260301	1.20412	1.20412	0.111854	0.760397	-1.3151	0.0332389	1.48251	1.48251	0.0485725	1.42823	1.42823	7.48668	2.96755	0.352336	1
cg09362273	VAV3	0.0157659	0.720763	0.932916	-1.07191	0.005657	2.01865	2.01865	0.0416314	0.634816	-1.57526	0.838708	0.961337	-1.04022	0.00266186	2.23424	2.23424	0.0831799	1.44932	1.44932	0.105736	1.40759	1.40759	0.897751	0.975434	-1.02518	0.669945	1.08649	1.08649	5.09589	3.0209	0.526942	1
cg19753230	VAV3	0.0342535	0.0182133	0.670872	-1.4906	0.429905	1.11874	1.11874	0.0172213	1.498	1.498	0.813089	0.967555	-1.03353	0.0231638	1.45942	1.45942	0.117097	1.2675	1.2675	0.184208	0.821888	-1.21671	0.301009	1.16094	1.16094	0.852383	0.974394	-1.02628	3.89738	1.19692	0.272985	1
cg25602490	VAV3	0.034491	0.00651264	0.410987	-2.43316	0.2277	1.37499	1.37499	0.178586	0.6981	-1.43246	0.341994	0.78175	-1.27918	0.401251	1.24118	1.24118	0.0122864	0.456471	-2.19072	0.235357	0.731423	-1.3672	0.070986	0.602135	-1.66076	0.0502732	0.57051	-1.75282	3.88767	3.89397	0.890328	1
cg02086725	VAV3;VAV3	0.00104549	0.00388839	0.451331	-2.21567	0.213417	0.764829	-1.30748	0.612293	1.11024	1.11024	0.0176241	0.553854	-1.80553	0.000142149	0.261151	-3.8292	0.000536363	0.332143	-3.01075	0.682122	1.08792	1.08792	0.134488	1.39126	1.39126	0.00608936	0.480578	-2.08083	11.6189	7.7052	0.589476	1
cg07243548	VAV3;VAV3	0.0123662	0.389494	0.784271	-1.27507	0.686167	0.894103	-1.11844	0.019745	0.460326	-2.17237	0.0145191	0.436172	-2.29268	0.00252501	0.314923	-3.17538	0.04579	0.532094	-1.87937	0.00348214	0.335361	-2.98186	0.520788	1.19645	1.19645	0.0371583	0.513401	-1.9478	5.51933	6.63745	1.06896	1
cg09895590	VAX1	9.87E-05	0.219673	0.672834	-1.48625	0.0888548	0.562038	-1.77924	0.00055788	0.193257	-5.17445	7.20E-05	0.108633	-9.20531	0.0644011	0.528392	-1.89253	0.000846283	0.214293	-4.66651	5.31E-06	0.0420766	-23.7662	0.327762	0.733339	-1.36363	0.000278682	0.161142	-6.20572	22.2163	33.166	1.32699	1
cg17138769	VAX1	0.000633537	0.00145908	0.06518	-15.3421	0.0803136	0.315859	-3.16597	0.0103562	6.80963	6.80963	0.156825	0.406751	-2.45851	0.0135443	0.16281	-6.14213	0.0164912	0.175457	-5.69941	0.000149331	0.0208563	-47.9471	0.0153135	5.86169	5.86169	0.00610121	0.119259	-8.38509	13.3792	74.7739	4.96783	1
cg07302910	VAX1	0.00126676	0.00222368	0.252702	-3.95723	0.0760721	0.530637	-1.88453	0.745798	1.11007	1.11007	0.00852492	0.340407	-2.93766	0.00247158	0.258983	-3.86126	0.0023468	0.255892	-3.9079	0.000144606	0.122316	-8.17555	0.334187	0.726337	-1.37677	0.00185346	0.242112	-4.13032	11.0003	17.9538	1.45077	1
cg18459489	VAX1	0.00188097	0.00211885	0.176856	-5.65433	0.195612	0.57761	-1.73127	0.809791	1.10153	1.10153	0.135943	0.525002	-1.90475	0.0217994	0.331546	-3.01617	0.00754403	0.251936	-3.96926	6.42E-05	0.0525204	-19.0402	0.49221	0.755994	-1.32276	0.00814336	0.257106	-3.88945	9.8156	24.9993	2.26391	1
cg19876672	VAX1	0.00292125	0.0163334	0.155582	-6.42747	0.0035064	12.3004	12.3004	0.0477514	4.19783	4.19783	0.899217	1.08361	1.08361	0.0109275	0.13207	-7.57175	0.744104	1.2307	1.2307	0.00295733	0.0753383	-13.2735	0.0227702	5.62552	5.62552	0.174062	0.399951	-2.5003	8.62597	54.8695	5.65419	1
cg22531668	VAX1	0.00785703	0.560119	0.743184	-1.34556	0.00403835	6.99588	6.99588	0.967757	0.979843	-1.02057	0.788297	1.14521	1.14521	0.00237422	0.118281	-8.45445	0.0775253	2.6871	2.6871	0.611306	0.772449	-1.29458	0.0151606	4.49487	4.49487	0.141768	0.451205	-2.21629	6.38023	25.6441	3.57272	1
cg05667348	VAX1	0.010481	0.936304	0.943325	-1.06008	0.303813	0.459583	-2.17589	0.37752	1.93671	1.93671	0.748446	0.790672	-1.26475	0.00425883	0.0612985	-16.3136	0.0824568	0.245573	-4.07211	0.00100204	0.028278	-35.3631	0.358906	1.991	1.991	0.0152102	0.113461	-8.81357	5.82232	49.137	7.5017	1
cg03851159	VAX1	0.0289689	0.0123958	0.291194	-3.43414	0.22228	0.601459	-1.66262	0.957534	0.979115	-1.02133	0.0281207	0.357776	-2.79504	0.00366902	0.210763	-4.74467	0.0645966	0.439198	-2.27688	0.730131	1.14712	1.14712	0.560697	1.26261	1.26261	0.061112	0.433234	-2.30822	4.1378	10.2954	2.21168	1
cg25062797	VAX1;VAX1	7.63E-05	0.02839	0.485548	-2.05953	0.000802645	4.10744	4.10744	0.804548	1.07169	1.07169	0.000605105	4.37725	4.37725	0.184793	0.675191	-1.48106	0.346161	1.31116	1.31116	0.000204391	0.175868	-5.68607	1.36E-05	12.6949	12.6949	0.299381	0.740569	-1.35031	23.7941	29.3855	1.09777	1
cg10437245	VAX1;VAX1	0.000127053	0.000437899	3.08866	3.08866	0.00768661	0.498931	-2.00429	0.00436683	0.461688	-2.16596	0.0537883	1.55968	1.55968	2.64E-05	5.40323	5.40323	0.0146152	0.543163	-1.84107	0.00408767	0.45743	-2.18613	0.480669	0.864578	-1.15663	0.131921	0.718868	-1.39108	20.7642	13.5499	0.580056	1
cg11398452	VAX1;VAX1	0.000642431	0.0542561	0.706311	-1.41581	0.0218856	1.54933	1.54933	0.163578	0.789255	-1.26702	0.130216	0.770919	-1.29715	0.000207655	0.37216	-2.68702	0.00109746	0.464733	-2.15177	0.00102717	0.460953	-2.16942	0.654031	1.07445	1.07445	0.000541408	0.42479	-2.3541	13.3272	5.34815	0.356707	1
cg08833577	VAX1;VAX1	0.000731131	0.506708	1.30852	1.30852	0.00804401	0.257891	-3.8776	0.898455	1.05228	1.05228	0.26273	0.627453	-1.59375	0.000597902	0.120715	-8.28399	0.0683537	0.442836	-2.25817	0.00200768	0.175497	-5.69809	0.000322748	10.1956	10.1956	0.117996	1.96904	1.96904	12.8532	32.4332	2.24299	1
cg00505570	VAX1;VAX1	0.00159234	0.400864	0.772715	-1.29414	0.843504	0.942455	-1.06106	0.000466296	0.192033	-5.20745	0.764354	0.913797	-1.09434	0.893251	1.04108	1.04108	7.76E-05	0.117073	-8.54166	0.00630997	0.344174	-2.9055	0.716406	1.1156	1.1156	0.125753	0.608473	-1.64346	10.3007	14.6686	1.26582	1
cg25527090	VAX1;VAX1	0.00193089	0.0172265	2.93691	2.93691	0.853011	1.07128	1.07128	0.49638	1.29226	1.29226	0.505302	1.28525	1.28525	0.0262206	0.375692	-2.66175	0.193143	0.599737	-1.6674	0.657838	0.847486	-1.17996	4.96E-05	16.9156	16.9156	0.546583	0.797313	-1.25421	9.74112	21.2636	1.94033	1
cg26263263	VAX1;VAX1	0.00319554	0.518357	0.803901	-1.24393	0.0204361	2.53783	2.53783	0.0470431	2.13334	2.13334	0.222907	0.652499	-1.53257	0.00802519	0.322281	-3.10288	0.252526	0.671374	-1.48948	0.000411189	0.154154	-6.48704	0.122648	1.74653	1.74653	0.0526534	0.479808	-2.08417	8.39894	14.7821	1.56444	1
cg00263760	VAX1;VAX1	0.00372987	0.187535	1.69847	1.69847	0.0149259	3.11204	3.11204	0.00137191	5.81828	5.81828	0.779162	0.89887	-1.11251	0.383974	0.712795	-1.40293	0.00255369	4.89002	4.89002	0.460482	1.32974	1.32974	0.00552485	3.98709	3.98709	0.00152875	5.64095	5.64095	8.01942	18.2691	2.02498	1
cg06497848	VAX1;VAX1	0.0041122	0.558652	1.29431	1.29431	0.45286	1.39593	1.39593	0.162127	0.521491	-1.91758	0.113662	0.471994	-2.11867	0.518524	0.751641	-1.33042	0.00426279	0.188616	-5.30178	0.000130865	0.0552235	-18.1082	0.45008	0.714839	-1.39892	0.0149227	0.270973	-3.69041	7.78724	23.4653	2.67849	1
cg26212180	VAX1;VAX1	0.00495601	0.587155	0.825904	-1.21079	0.351022	0.715416	-1.39779	0.000604691	6.32741	6.32741	0.138188	0.572962	-1.74532	0.316446	1.43527	1.43527	0.164133	0.59573	-1.67861	0.0447907	0.447693	-2.23367	0.0032305	4.06228	4.06228	0.487573	1.27899	1.27899	7.35841	14.1866	1.71373	1
cg26595643	VAX1;VAX1	0.00508967	0.590903	0.746596	-1.33941	0.693859	1.23745	1.23745	0.563256	1.36986	1.36986	0.752059	0.843087	-1.18612	0.0295548	0.251627	-3.97413	0.00107332	0.074139	-13.4882	0.53609	1.40134	1.40134	0.00103751	13.6807	13.6807	0.383912	1.61739	1.61739	7.29886	33.5262	4.08297	1
cg03048654	VAX1;VAX1	0.00622361	0.0503873	0.152074	-6.57575	0.882809	1.13265	1.13265	0.263742	2.67461	2.67461	0.448162	0.5206	-1.92086	0.0538073	0.157402	-6.35316	0.503069	0.563317	-1.7752	0.000141701	0.00391291	-255.564	0.352278	2.24415	2.24415	0.0641747	0.172654	-5.79194	6.86113	77.4913	10.0393	1
cg09123368	VAX1;VAX1	0.0112958	0.150482	0.640421	-1.56147	0.000310407	0.184175	-5.42963	0.0766593	0.565872	-1.76718	0.127902	1.60951	1.60951	0.259859	0.711877	-1.40474	0.432209	0.793126	-1.26083	0.220518	0.689047	-1.45128	0.133303	0.626091	-1.59721	0.303445	1.36098	1.36098	5.68366	7.52619	1.17705	1
cg09935282	VAX1;VAX1	0.0125126	0.902595	1.06772	1.06772	0.290548	1.79864	1.79864	0.0164368	4.8022	4.8022	0.503291	0.695221	-1.43839	0.865887	1.09468	1.09468	0.223265	1.98349	1.98349	0.124157	0.410218	-2.43773	0.000479162	18.7818	18.7818	0.0991141	2.6316	2.6316	5.49824	24.9417	4.03228	1
cg14830601	VAX1;VAX1	0.0247456	0.125609	0.548	-1.82482	0.78856	0.907066	-1.10246	0.141878	1.77372	1.77372	0.444331	1.32707	1.32707	0.112368	0.534063	-1.87244	0.456633	0.759494	-1.31667	0.00262856	0.220668	-4.5317	0.049704	2.25329	2.25329	0.097622	0.517091	-1.9339	4.37275	9.1194	1.85378	1
cg26339504	VAX1;VAX1	0.0249018	0.548126	1.28607	1.28607	0.357448	1.47964	1.47964	0.00717078	4.20874	4.20874	0.621621	1.2287	1.2287	0.947622	0.973168	-1.02757	0.995216	0.997521	-1.00248	0.984021	0.991743	-1.00833	0.000822356	8.05702	8.05702	0.16922	1.83367	1.83367	4.3632	11.8435	2.4128	1
cg25662463	VAX1;VAX1	0.0259346	0.362172	1.85438	1.85438	0.664301	0.749835	-1.33363	0.0223146	6.08279	6.08279	0.530958	0.658056	-1.51963	0.881703	0.906484	-1.10316	0.595389	0.702307	-1.42388	0.885651	0.909485	-1.09952	0.000743149	29.265	29.265	0.758428	1.22556	1.22556	4.30186	29.6189	6.12014	1
cg13953753	VAX1;VAX1	0.0298737	0.490969	1.6164	1.6164	0.887592	0.907485	-1.10195	0.32543	0.4981	-2.00763	0.986682	0.988609	-1.01152	0.433831	1.73008	1.73008	0.0230189	0.154725	-6.46309	0.00102386	0.0353929	-28.2542	0.524077	1.5576	1.5576	0.562092	0.668758	-1.49531	4.09296	30.5402	6.63257	1
cg06611922	VAX1;VAX1	0.0390477	0.0154546	0.117104	-8.53939	0.895311	1.09969	1.09969	0.503857	1.63174	1.63174	0.18206	0.35973	-2.77987	0.0676712	0.22819	-4.38231	0.274427	0.440046	-2.27249	0.0037877	0.0596307	-16.7699	0.785832	1.21727	1.21727	0.0495673	0.198441	-5.03927	3.71592	30.6652	7.33546	1
cg01719210	VAX2	5.65E-07	1.27E-06	3.92138	3.92138	3.93E-06	3.24844	3.24844	0.357418	1.10942	1.10942	9.38E-08	6.76856	6.76856	1.01E-06	4.09028	4.09028	3.80E-06	3.26551	3.26551	0.464646	1.08507	1.08507	2.68E-06	3.45288	3.45288	0.330795	1.11638	1.11638	84.8195	16.1694	0.169452	1
cg04608900	VAX2	4.99E-05	0.0115798	0.391008	-2.55749	6.89E-05	0.114869	-8.70557	0.000753284	0.218701	-4.57245	0.584418	0.848489	-1.17857	7.33E-05	0.117037	-8.5443	0.0272513	0.459677	-2.17544	0.000234345	0.162904	-6.13858	6.73E-05	8.76845	8.76845	0.195751	0.665651	-1.50229	26.637	37.3293	1.2457	1
cg13361843	VAX2	0.000104459	0.79154	0.953835	-1.0484	0.0155923	0.589129	-1.69742	0.104063	0.728264	-1.37313	0.957874	1.00947	1.00947	0.000880273	2.4343	2.4343	0.458397	0.873963	-1.14421	0.00019758	0.327577	-3.05272	9.93E-06	5.43754	5.43754	0.723728	0.938639	-1.06537	21.8836	11.0336	0.448174	1
cg19732795	VAX2	0.000105816	0.537336	0.881137	-1.1349	0.132201	0.71952	-1.38982	4.54E-05	0.209642	-4.77004	0.465672	0.860349	-1.16232	0.032994	0.603404	-1.65727	0.00551228	0.477529	-2.09411	5.17E-06	0.122725	-8.14831	0.000141339	0.264361	-3.78271	0.0446808	0.6269	-1.59515	21.8081	14.1769	0.577845	1
cg07300178	VAX2	0.0002587	2.59E-05	6.75001	6.75001	0.0659528	1.60426	1.60426	0.401356	1.2175	1.2175	0.99866	1.00038	1.00038	0.468555	0.844534	-1.18408	0.650818	1.11004	1.11004	0.323931	0.791827	-1.2629	2.01E-05	7.21522	7.21522	0.350935	1.24603	1.24603	17.1295	14.2414	0.739022	1
cg22827124	VAX2	0.000360624	0.0487597	0.643995	-1.55281	1.29E-05	0.166846	-5.99356	0.00198808	0.425789	-2.34858	0.0202938	0.578618	-1.72825	0.000992927	0.384247	-2.60249	0.413421	0.849175	-1.17761	0.0016475	0.414377	-2.41326	0.213138	1.29221	1.29221	0.0258601	0.596128	-1.67749	15.6402	9.46996	0.538213	1
cg14235768	VAX2	0.000398297	0.581155	0.827198	-1.2089	0.000634258	0.167463	-5.97148	0.000212952	0.121688	-8.21773	0.280708	0.682672	-1.46483	0.000271662	0.131077	-7.62913	0.00222115	0.232441	-4.30217	0.000202799	0.11986	-8.34307	0.0172969	0.372651	-2.68348	0.000810618	0.179099	-5.5835	15.2181	27.9369	1.63179	1
cg08245702	VAX2	0.000522069	0.108239	1.36163	1.36163	0.00531389	1.90991	1.90991	0.0981441	1.37655	1.37655	0.374729	0.851722	-1.17409	0.093905	1.38331	1.38331	0.0313171	1.56045	1.56045	0.000455766	0.378036	-2.64525	5.89E-05	3.70699	3.70699	0.99341	0.998546	-1.00146	14.1202	6.93977	0.436869	1
cg13265869	VAX2	0.000619529	0.383748	1.37138	1.37138	2.53E-05	0.0520399	-19.216	0.000833771	0.168919	-5.92	0.296692	0.682091	-1.46608	0.00418981	0.257571	-3.88242	0.637432	0.845469	-1.18278	?	?	?	0.354277	0.713915	-1.40073	0.0203091	0.371847	-2.68928	13.7888	24.2721	1.76028	1
cg05164666	VAX2	0.00095212	0.988812	1.002	1.002	0.140493	0.797738	-1.25354	0.0963449	1.2972	1.2972	0.844652	0.972428	-1.02835	0.577538	0.92294	-1.08349	0.291429	1.16884	1.16884	0.972694	1.00489	1.00489	1.18E-05	3.75048	3.75048	0.0383406	1.40782	1.40782	11.9312	3.83808	0.285941	1
cg12374431	VAX2	0.00125983	4.43E-05	7.60273	7.60273	0.0419373	0.569318	-1.75649	0.304485	0.777851	-1.28559	0.102367	1.53107	1.53107	0.139488	0.685277	-1.45926	0.917088	1.02477	1.02477	0.202133	0.726797	-1.3759	0.0062068	2.3997	2.3997	0.821494	1.05455	1.05455	13.3232	11.4051	0.665802	1
cg15846787	VAX2	0.00137399	0.00223161	0.384138	-2.60323	0.000677329	0.313245	-3.19239	0.00337239	0.410309	-2.43719	0.329708	0.798731	-1.25199	0.00958677	0.480583	-2.0808	0.441656	0.839218	-1.19159	0.000534779	0.300007	-3.33325	0.0591409	1.60971	1.60971	0.01684	0.521224	-1.91856	10.7472	8.49619	0.702709	1
cg25032342	VAX2	0.00205797	0.000695597	0.31244	-3.20062	0.515036	0.862061	-1.16001	0.0386966	0.583724	-1.71314	0.0533389	0.610478	-1.63806	0.00039717	0.281455	-3.55297	0.0713885	0.635878	-1.57263	0.000536216	0.29786	-3.35728	0.278566	0.776218	-1.2883	0.00580167	0.443748	-2.25353	9.56192	7.65592	0.711704	1
cg13174660	VAX2	0.00370064	0.0122298	0.169894	-5.88603	0.0232112	0.214183	-4.66891	0.00754422	0.141963	-7.0441	0.0520602	0.285077	-3.50782	0.00201405	0.0842188	-11.8738	0.00458702	0.117308	-8.52458	0.000393342	0.0404917	-24.6964	0.230708	0.48968	-2.04215	0.0141929	0.179393	-5.57435	8.03839	41.055	4.53988	1
cg13936863	VAX2	0.00378717	0.183668	0.476999	-2.09644	0.0042758	0.134559	-7.43169	0.000961048	0.0757354	-13.2039	0.337458	0.595142	-1.68027	0.0053992	0.146323	-6.83421	0.00709457	0.161132	-6.2061	0.00128586	0.0852183	-11.7346	0.180649	0.474261	-2.10854	0.00589615	0.150972	-6.62376	7.98278	34.8189	3.87711	1
cg19699289	VAX2	0.00445775	0.929983	0.966664	-1.03449	0.832036	1.08539	1.08539	0.0514661	0.425134	-2.3522	0.0497242	0.421642	-2.37168	0.534751	0.784634	-1.27448	0.00347843	0.216555	-4.61777	0.000180255	0.0866679	-11.5383	0.904151	1.04757	1.04757	0.0109131	0.291503	-3.4305	7.59944	17.9137	2.09533	1
cg23885415	VAX2	0.00536741	0.40182	1.24824	1.24824	0.245019	1.36922	1.36922	0.184884	1.43818	1.43818	0.215002	1.40114	1.40114	0.771637	0.927555	-1.0781	0.485794	0.832751	-1.20084	0.00545914	0.38889	-2.57142	0.000237559	4.82211	4.82211	0.81179	1.06358	1.06358	7.18112	7.59481	0.940096	1
cg08972756	VAX2	0.00695011	0.184066	0.477073	-2.09612	0.273572	0.549681	-1.81924	0.0196282	0.227482	-4.39595	0.0188734	0.224536	-4.45362	0.000892645	0.0733115	-13.6404	0.00368807	0.127291	-7.85604	0.00296685	0.117451	-8.51418	0.54403	0.724312	-1.38062	0.023248	0.240596	-4.15635	6.62989	28.9646	3.88337	1
cg23271234	VAX2	0.00903307	0.18142	1.40257	1.40257	0.0225001	0.521146	-1.91885	0.191447	0.719074	-1.39068	0.470535	1.19131	1.19131	0.286382	1.30213	1.30213	0.155436	1.43689	1.43689	0.0241616	0.526742	-1.89846	0.00116543	0.320811	-3.1171	0.0389583	0.565566	-1.76814	6.10526	5.49825	0.800512	1
cg25413843	VAX2	0.00931771	0.0146338	0.190915	-5.23794	0.00189233	0.0884358	-11.3076	0.06664	0.322108	-3.10455	0.599382	1.33909	1.33909	0.016973	0.201131	-4.97188	0.237941	0.506117	-1.97583	0.00204244	0.0912091	-10.9638	0.321888	0.569084	-1.75721	0.0169508	0.201039	-4.97416	6.04537	29.0545	4.27207	1
cg05603527	VAX2	0.00959219	0.673764	1.30125	1.30125	0.0358472	0.219026	-4.56566	0.0292522	0.202425	-4.94011	0.0870634	0.308794	-3.23841	0.00241661	0.0722706	-13.8369	0.0271744	0.196707	-5.08369	0.00242569	0.0723922	-13.8136	0.315326	0.5243	-1.9073	0.00584333	0.106	-9.43395	5.98973	36.6897	5.44483	1
cg02187231	VAX2	0.00973507	0.593705	1.26315	1.26315	0.636479	1.22942	1.22942	0.000977908	0.119146	-8.39306	0.0623262	0.402417	-2.48499	0.0408872	0.359202	-2.78395	0.0107267	0.248805	-4.01921	0.0806417	0.431466	-2.31768	0.108228	0.467555	-2.13878	0.00515165	0.201349	-4.9665	5.96154	17.7711	2.64974	1
cg11660398	VAX2	0.012043	0.815118	1.12924	1.12924	0.912874	1.05844	1.05844	0.0262802	0.25471	-3.92604	0.0875351	0.37579	-2.66106	0.024291	0.248269	-4.02789	0.0174903	0.222939	-4.48553	0.000767681	0.0710913	-14.0664	0.973851	1.01715	1.01715	0.02355	0.245774	-4.06878	5.56702	23.7413	3.79079	1
cg07094440	VAX2	0.0130916	0.00866712	0.270629	-3.6951	0.00875485	0.271331	-3.68554	0.0543457	0.426199	-2.34632	0.236087	0.615708	-1.62415	0.00400924	0.220829	-4.5284	0.409443	0.719259	-1.39032	0.00292828	0.202598	-4.93587	0.540317	0.784937	-1.27399	0.0240208	0.3494	-2.86205	5.4177	13.0925	2.1481	1
cg01109169	VAX2	0.0133636	0.0105341	0.188462	-5.3061	0.00760003	0.168615	-5.93067	0.772613	0.860498	-1.16212	0.477738	0.687764	-1.45399	0.00985263	0.184246	-5.42751	0.125054	0.422738	-2.36553	0.00467335	0.14224	-7.03035	0.370842	1.61045	1.61045	0.0168066	0.22025	-4.5403	5.38139	22.9187	3.78568	1
cg02558364	VAX2	0.0137707	0.723169	1.09704	1.09704	0.386474	0.793593	-1.26009	0.546686	1.17215	1.17215	0.645701	0.886433	-1.12812	0.33186	1.29785	1.29785	0.656953	0.890119	-1.12345	0.341367	0.774672	-1.29087	0.000211445	5.01665	5.01665	0.857669	0.954327	-1.04786	5.32871	5.72317	0.95469	1
cg23644992	VAX2	0.0139269	0.0285611	0.438601	-2.27997	0.00171882	0.239956	-4.16744	0.0533921	0.496581	-2.01377	0.783977	0.916069	-1.09162	0.011449	0.36444	-2.74394	0.475702	1.26033	1.26033	0.014407	0.38207	-2.61732	0.977138	1.00918	1.00918	0.0353158	0.457522	-2.18569	5.30902	8.55698	1.4327	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(1127 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T 121 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 477 vs. N)	Fold-Change(477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(5 377 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg05021771	VAX2	0.0182807	0.555523	1.33943	1.33943	1.140714	1.17417	1.17417	0.497468	1.4016	1.4016	1.4016	0.4110511	0.662876	-1.50858	0.0745269	0.1776556	-2.64791	0.0609881	0.370459	-2.69935	0.00138426	0.10306	-9.70309	0.55677	1.33817	1.33817	0.0246293	0.269562	-3.71248	4.4948	18.4516	3.38187	1
cg02676441	VAX2	0.0201811	0.162512	1.28418	1.28418	3.003949	1.19554	1.19554	0.158852	1.28739	1.28739	0.4598421	1.13455	1.13455	0.208069	0.800743	1.24884	0.84175	0.967023	-1.0341	0.928544	1.01516	1.01516	0.000539039	2.46659	2.46659	0.0403522	1.48773	4.69017	2.09016	0.39613	1
cg01617784	VAX2	0.0205725	0.0128764	0.133859	-7.47056	0.00263678	0.0665242	-15.0321	0.0222442	0.167897	-5.95605	0.352535	0.536354	-1.86444	0.0184476	0.155457	-6.43267	0.307384	0.502553	-1.98984	0.0154369	0.144393	-6.92553	0.252572	0.459227	-2.17757	0.0302613	0.190368	-5.25298	4.659611	31.2927	5.96955	1
cg14265704	VAX2	0.0238984	0.385936	1.50477	1.50477	0.2757651	0.593773	-1.68415	0.0437315	0.344446	-2.90322	0.08005	0.40947	-2.44218	0.0139307	0.334051	-2.99317	0.00330354	0.158837	-6.29575	0.0590999	0.375374	-2.66401	0.365206	0.651993	-1.53376	0.00682414	0.199641	-5.00899	4.42618	14.81375	2.97573	1
cg11877061	VAX2	0.0257149	0.21807	0.401794	-2.48884	0.391245	0.538004	-1.85562	0.0583187	0.221865	-4.50725	0.1444	0.331734	-3.01446	0.00762534	0.0894254	-11.1825	0.012371	0.111744	-8.94899	0.00324569	0.059301	-16.8631	0.0288004	0.162919	-6.13802	0.0106138	0.288827	-3.46228	4.31665	33.845	6.97263	1
cg18150120	VAX2	0.0290912	0.0979853	-10.2056	0.0456077	0.164688	-6.07209	0.0560887	0.182205	-5.48833	0.965765	0.966791	-1.03545	0.0132764	0.0894015	-11.1855	0.73089	0.762094	-1.31217	0.00669975	0.0625264	-15.9912	0.80096	-1.24898	0.819728	-1.22592	0.0249825	0.122589	-8.15737	4.09162	40.1266	8.71734	1
cg00731411	VAX2	0.0326735	0.543358	0.931221	-1.07386	0.01218545	1.436	1.436	0.0159199	1.40773	1.40773	0.973949	1.00379	1.00379	0.678406	0.952847	-1.04949	0.392634	1.10677	1.10677	0.011573	0.6936596	-1.44155	0.621942	0.94405	-1.05927	0.5742119	0.936355	-1.06797	3.96418	0.842474	0.188908	1
cg26334672	VAX2	0.0337983	0.0492446	0.484497	-2.0641	0.52845	1.10299	1.22899	0.0358439	0.464548	-2.15356	0.776521	0.98899	1.05899	0.0228037	0.415221	-2.40935	0.392518	0.758364	-1.32605	0.0366957	0.456739	-2.18943	0.0341786	0.22092	2.22092	0.407669	1.31448	1.31448	3.91623	6.464899	1.4674	1
cg19907796	VAX2	0.0386717	0.0272116	0.161176	-6.2044	0.0125008	0.11419	-8.75736	0.0387005	0.0878388	-5.32233	0.496798	0.617671	-1.61898	0.0288092	0.165242	-6.05172	0.29754	0.470412	2.1258	0.0113769	0.109432	-9.13808	0.889701	1.10175	1.10175	0.0421622	0.195004	5.1281	3.72913	28.8016	6.86524	1
cg01620617	VAX2	0.0419057	0.0338354	1.61889	1.61889	0.738071	1.06743	1.06743	0.0407258	1.583	1.583	0.754659	0.940871	-1.06285	0.346469	1.20743	1.20743	0.379775	1.19146	1.19146	0.165246	0.749927	-1.33346	0.0104498	1.87147	1.87147	0.0169059	1.76216	1.76216	3.620334	2.16745	0.532167	1
cg27449293	VAX2	0.0438746	0.0122679	0.049478	-20.2041	0.0127668	0.16268	-6.14744	0.0155268	-8.67348	-6.42492	0.155642	0.253421	-3.946	0.539081	1.857226	-0.53856	0.100656	0.235315	-4.2504	0.0180962	0.0604911	-16.5311	0.0306096	0.464004	-2.15476	0.0180446	0.145299	-6.88236	3.559005	36.277	9.06033	1
cg13519863	VAX2	0.0465564	0.405893	0.5715	-1.74978	0.291448	0.486622	-2.05498	0.0970519	0.301702	-3.31453	0.0967205	0.301274	-3.31924	0.00497235	0.0865855	-11.5493	0.00604552	0.094476	-10.5847	0.211309	0.421306	-2.37357	0.808603	1.17313	1.17313	0.0985532	0.303629	-3.29349	3.480822	23.8669	6.09484	1
cg02322373	VAX2	0.0479652	0.0201876	0.21289	-4.7949	0.0172892	0.200868	-4.97839	0.123851	0.397518	-2.51563	0.284143	0.540345	-1.85135	0.0159326	0.258903	-3.86112	0.194667	0.46794	-2.13703	0.0095943	0.166963	-6.00195	0.957999	0.8842271	-1.15437	0.0362642	0.261071	-3.83058	3.44191	16.3035	4.33175	1
cg17066973	VBP1	0.0201465	0.109707	0.712805	-1.40291	0.2375871	0.5707515	-1.75219	0.0154671	0.954688	-1.04746	0.2423448	1.57456	1.57456	0.324283	0.8200667	-1.21852	0.184642	0.760956	-1.31414	0.014689	0.558134	-1.79168	0.0324518	1.62598	1.62598	0.243352	1.26745	1.26745	4.69291	2.80166	0.530654	1
cg22454770	VCAM1;VCAM1	0.000128706	0.179677	0.795636	-1.25686	0.0316556	0.482357	-2.07315	3.09E-05	0.0715152	-2.87197	0.660702	1.12648	1.12648	0.0256154	0.6535524	-1.53016	0.57411	0.91293	-1.09537	0.0342576	1.48623	1.48623	0.158548	1.27352	1.27352	1.71E-05	0.242909	-4.11677	20.6922	8.43371	0.362293	1
cg23936023	VCAN;VCAN;VCAN;VCAN	0.00102417	0.0256313	0.597916	1.67246	0.73817	0.195992	1.67246	0.0725	0.844262	1.68809	1.03899	3.98E-05	2.197949	4.538824	0.316371	1.232554	1.21256	0.0418222	1.54975	1.54975	0.0094252	1.42817	1.42817	0.116871	0.565604	0.527988	1.23	1.23	5.76502	6.565604	0.529788	1
cg16000227	VCAN;VCAN;VCAN;VCAN	0.00194027	0.0664418	0.690746	-1.44771	0.000741205	2.51113	2.51113	0.000240572	2.98064	2.98064	0.355009	0.842816	-1.1865	0.1628	0.765079	-1.30706	0.618442	0.913709	-1.09444	0.127728	0.743804	-1.34444	0.298508	0.823924	-1.2137	0.6368188	1.08924	1.08924	9.7274	4.97641	0.454744	1
cg25660910	VCAN;VCAN;VCAN;VCAN	0.00370943	0.225347	0.804218	-1.24337	0.6443138	0.960889	-1.03424	0.2552721	1.224615	1.224615	0.512355	0.757443	-1.32023	0.4898815	1.12725	1.1275	0.0217597	0.624296	-1.6019	9.02E-05	0.3018161	-3.31237	0.0421886	0.6731398	-1.48943	0.296325	1.2035	1.2035	8.03266	3.72274	0.411956	1
cg15336997	VCAN;VCAN;VCAN;VCAN	0.0112216	0.00126989	0.436218	-2.29243	0.0920263	1.38713	1.38713	0.446228	1.46482	1.46482	0.918026	0.108833	1.01833	0.877221	0.9370388	1.02766	0.00609694	1.88076	1.88076	0.609744	0.9131171	-1.09508	0.115059	0.7190997	-1.353	0.3023579	1.20745	1.20745	6.677	6.965604	0.529788	1
cg02371408	VCAN;VCAN;VCAN;VCAN VCAN;VCAN;VCAN;VCAN;VCAN;VCAN;V	0.0413314	0.0135896	0.693723	-1.4415	0.0422973	0.755703	-1.32327	0.206065	1.1732	1.1732	0.3666	0.894867	-1.11748	0.924291	1.01145	1.01145	0.436691	0.909351	-1.09968	0.0491116	0.764144	-1.30865	0.00748111	0.662085	-1.51038	0.934317	0.990177	-1.00992	3.63889	0.82655	0.201905	1
cg05176349	CAN;VCAN	0.0015677	0.875459	0.976134	-1.02445	0.877303	1.02408	1.02408	0.0208912	1.53438	1.53438	0.924066	0.10479	1.01479	0.586416	0.918876	-1.08829	0.782231	0.958023	-1.04336	2.36E-05	0.2725513	-3.66955	0.370161	0.86785	-1.15227	0.1107017	0.765168	-1.3069	0.307413	3.88704	0.333924	1
cg26753136	VCL;VCL	0.0001151608	0.1040035	1.76246	1.76246	0.5964473	1.16599	1.16599	0.0162118	1.57542	1.57542	0.373597	0.7236245	1.32958	0.3478853	1.32958	0.7404824	0.7236245	1.32958	0.3478853	1.32958	0.7404824	0.0250923	-39.8529	0.0144854	1.98218	1.98218	0.267045	1.4371	1.4371	19.7999	30.8407	1.38455	1
cg18145196	VCL;VCL	0.00151534	0.725655	1.07574	1.07574	0.000211788	0.277186	-3.60768	0.017924	0.550936	-1.81509	0.393404	0.834296	-1.19861	0.0057474774	0.3314419	3.01733	0.0806174	1.49412	1.49412	0.0724044	1.51505	1.51505	0.924176	0.9804666	-1.01992	0.2727792	1.26684	1.26684	10.4489	7.10642	0.604542	1
cg27119412	VCL;VCL	0.00393994	0.272627	0.615356	-1.62508	0.481789	0.135533	1.35533	0.100734	0.465577	-2.14787	0.00516203	0.207965	-4.8085	0.00137901	0.1390877	-7.18972	0.0365847	0.355943	-2.80944	0.00374969	0.0890164	-11.2339	0.816582	0.905923	-1.10385	0.0218704	0.310418	-3.22146	7.88837	22.5925	2.54581	1
cg01089189	VCL;VCL	0.00564511	0.0672394	0.454258	-2.18449	0.090165	1.16667	1.16667	0.00712477	1.3323	1.3323	0.0172427	0.848977	-1.17788	0.041193	1.00611	1.00611	0.0010829	1.49596	1.49596	0.0705401	1.846557	-1.18126	0.113064	1.15299	1.15299	0.515463	1.11527	1.11527	7.09075	6.763025	0.0993225	1
cg16722001	VCL;VCL	0.00612167	0.0126124	0.274378	-3.64461	0.712261	0.856873	-1.16703	0.120161	2.0197	2.0197	0.103939	0.476473	-2.09875	0.00174392	0.155504	-6.43072	0.598267	0.801153	-1.2482	0.478786	0.740643	-1.35018	0.00314385	0.185775	-5.38287	0.00385515	0.184148	-5.43042	6.89626	18.9895	2.44764	1
cg25849651	VCL;VCL	0.00771509	0.2124301	0.804218	-1.27875	0.6443138	0.960889	-1.03424	0.2552721	1.224615	1.224615	0.512355	0.757443	-1.32023	0.4898815	1.12725	1.1275	0.0215562	0.624296	-1.6019	9.02E-05	0.3018161	-3.31237	0.0421886	0.6731398	-1.48943	0.296325	1.2035	1.2035	8.03266	3.72274	0.411956	1
cg26291112	VCL;VCL	0.0110962	0.480731	0.877492	-1.13961	0.0057347	0.831701	-1.64332	0.3150305	0.82586	-1.21086	0.206684	1.27485	1.27485	0.563681	0.899037	1.1123	0.568243	0.900179	-1.11089	0.246901	1.24703	1.24703	0.226236	1.64492	1.64492	0.162624	1.3123	1.3123	5.71646	5.0098	0.468013	1
cg17214737	VCL;VCL	0.0451141	0.600258	1.15399	1.15399	0.30565	1.33284	1.33284	0.358589	0.774368	-1.29138	0.805023	0.955201	-1.06929	0.590584	0.863197	-1.15848	0.912121	0.970539	-1.03036	0.847972	1.05336	1.05336	0.0360753	1.93546	1.93546	0.00222396	0.313287	-3.19197	5.52218	4.09286	1.03291	1
cg26807949	VCL;VCL	0.0111357	0.611197	1.14124	1.14124	0.4509952	1.17434	1.17434	0.3769469	-1.2096	0.5638797	1.2096	0.9506	-1.05264	0.7866139	1.0817738	-1.0817	0.566099	0.861041	-1.16128	0.1980178	1.1504	1.1504	0.493712	1.19631	1.19631	0.0578207	0.575394	-1.73794	1.4757	1.19615	0.0578207	0.575394	-1.73794	1.4757	1.19615	0.0578207	0.575394	0.934857	1
cg13538990	VCP	0.0450468	0.0382513	1.69743	1.69743	0.6586731	0.638269	-1.56674	0.0205926	0.540915	-1.84872	0.675235	1.09729	1.09729	0.481147	1.1709	1.1709	0.0807505	1.53221	1.53221	0.756692	0.934634	-1.06994	0.226514	1.32364	1.32364	0.113539	0.68427	-1.46141	3.524164	2.70965	0.683448	1
cg13602161	VCP	0.0450541	0.0479336	1.76246	1.76246	0.5964473	1.16599	1.16599	0.0162118	1.57542	1.57542	0.373597	0.8859651	-1.24675	0.0078431	0.1813232	5.49893	0.2307154	1.19852	1.19852	0.1662077	0.8370047	-1.19441	0.0098741	1.23986	1.23986	0.1889469	1.012066	1.012066	3.894997	3.80407	1.38455	1
cg01210520	VCP;VCP	0.0109107	0.495049	1.11708	1.11708	0.603373	0.919648	-1.08737	0.271914	0.832966	-1.20053	0.00304393	0.391495	-2.55431	0.976182	0.99524	-1.00478	0.192098	0.801995	-1.24689	0.011821	0.605114	-1.65258	0.708205	1.06192	1.06192	0.349616	1.16633	1.16633	5.74759	2.3247	0.359525	1
cg16932652	VCPIP1	0.00611158	0.359554	1.16481	1.16481	0.2241736	1.54543	1.54543	0.0229336	1.55373	1.55373	0.668418	1.07227	1.07227	0.0440462	1.45456	1.45456	0.0434523	0.686555	-1.45655	0.0277468	0.512168	-1.95053	0.143231	0.775102	-1.29015	0.0232609	1.55149	1.55149	6.89778	2.86589	0.369208	1
cg16662208	VCPIP1	0.0575754	0.0247157	0.284428	-3.51648	0.090165	1.16667	1.16667	0.00712477	1.3323	1.3323	0.0172427	0.848977	-1.17788	0.041193	1.00611	1.00611	0.0010829	1.49596	1.49596	0.0705401	1.846557	-1.18126	0.113064	1.15299	1.15299	0.515463	1.11527	1.11527	7.09075	6.763025	0.0993225	1
cg08415738	VCPIP1	0.00870726	0.106861	1.36418	1.36418	0.226173	0.799159	-1.25132	0.799621	1.04589	1.04589	0.8469	1.03469	1.03469	0.00663076	0.537062	-1.86198	0.000545419	0.387601	-2.57997	0.452949	1.1444	1.1444	0.352504	1.18386	1.18386	0.345349	1.18703	1.18703	3.0445	3.045	0.438129	1
cg13151196	VCPIP1	0.0506789	0.918764	0.960783	-1.04082	0.0006405	0.128069	-7.8083	0.0634333	0.148089	-6.74927	0.027607	0.0982356	-10.1794	0.0022594	0.0779357	-12.8258	0.0014405	0.184472	-5.42067	0.0181468	0.0400004	-25.0385	0.0900067	0.0952888	-10.5002	0.0015234	0.0144854	-69.0355	0.0144854	-69.0355	0.0152883	1
cg01640150	VCPIP1	0.0357704	0.0333436	0.18889	-5.29409	0.00560422	0.0875899	-11.443	0.0408391	0.205552	-4.86496	0.197341	0.401207	-2.49428	0.0260534	0.1703555	-5.87011	0.0483894	0.220589	-4.53332	0.0117476	0.0132871	-75.2422	0.14118	0.346289	-2.88776	0.139423	0.344419	2.90374	27.2899	6.32248	1
cg02272217	VCPIP1	0.0386664	0.120126	0.699843	-1.42889	0.0162377	0.536734	-1.86312	0.259947	0.779779	-1.28241	0.0300126	1.71655	1.71655	0.477607	1.16514	1.16514	0.0321169	1.70126	1.70126	0.732542	1.07532	1.07532	0.404307	0.8347742	-1.19797	0.24209	0.7716695	-1.29585	3.72932	2.64655	0.630811	1
cg15543875	VCPIP1;VCPIP1	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.4948833	1.54352	1.54352	0.695425	7	7	7	7	7	1
cg12528504	VCX	5.02E-06	0.000902093	0.559701	-1.78667	2.56E-07	0.165955	-6.02573	3.62E-06	0.268346	-3.76253	0.01721	0.73572	1.04348	1.03E-08	0.366619	2.72763	0.963011	0.994578	-1.00545	0.332689	1.12428	1.54805	0.0312	0.931225	-1.07385	0.0572311	0.777108	1.28682	4.88406	10.5516	0.193462	1
cg00938040	VCX	0.0211555	0.0118944	0.42556	-2.34999	0.0162377	0.536734	-1.86312	0.259947	0.779779	-1.28241	0.0300126	1.71655	1.71655	0.477607	1.16514	1.16514	0.0321169	1.70126	1.70126	0.732542	1.07532	1.07532	0.404307	0.8347742	-1.19797	0.24209	0.7716695	-1.29585	3.72932	2.64655	0.630811	1
cg05524154	VCX	0.0026813	0.646646	0.863137	-1.15857	0.000667451	0.190049	-5.2618	0.00216994	0.253598	-3.94325	0.00827486	0.340732	-2.93486	0.000289076	0.157332	-6.59056	0.645013	0.862498	-1.15942	0.581258	0.8372251	-1.19439	0.273191	0.695151	-1.43854	0.0994245	0.562216	-1.77868	8.8477	14.2477	1.4314	1
cg13445828	VCX	0.0098668	0.716947	1.11249	1.11249	0.3636215	0.819347	-1.11976	0.502709	0.75	-1.33333	0.5000125	0.642326	-1.55707	0.0004942	0.2198857	-4.23985	0.0044838	0.162614	-6.14914	0.0015969	0.0247354	-40.4305	0.0203779	0.0855557	-11.6914	0.0055572	0.030883	0.780562	-1.28114	0.768766	0.500708	1.2093	1
cg09101625	VCX2	0.0228911	0.376815	1.1762	1.1762	0.3169836	0.593977	-1.68357	0.0040867	0.501809	-1.99279	0.0688309	0.1679667	0.650349	-1.53790	0.0315631	0.5529061	0.8765	0.020873	0.608024	-1.64467	0.0173206	0.0044089	0.376207	-2.65811	0.0014136	0.437419	-2.28614	9.26888	14.2809	1.70379	0.450807	1
cg16840574	VCX2	0.0116223	0.108074	0.552175	-1.81102	0.00180456	0.222386	-4.49669	0.0014406	0.210066	-4.76041	0.878179	0.94937	-1.05333	0.00986835	0.331355	-3.01791	0.0426664	0.453634	-2.20442	0.218335	0.644939	-1.55053	0.90074	0.9586313	-1.04317	0.21764	0.644467	-1.55167	5.63155	10.2341	1.61536	1
cg07380282	VCX2;VCX2	0.0111382	0.0411197	0.244124	-4.09595247	0.367654	0.512334	-1.95174	0.0099952	0.221	-4.52101	0.0035086	0.2316202	0.0018703	0.1415058	-2.4093	8.16E-06	0.1302154	-7.68017	0.0598138	0.0159303	0.1504	0.493712	1.19631	1.19631	0.0578207	0.575394	-1.73794	1.4757	1.19615	0.0578207	0.575394	0.934857	1
cg13510648	VCX3A	6.32E-06	0.0466482	0.561479	-1.78101	7.39E-05	0.161207	-6.20321	1.14E-05	0.0945244	-10.5793	1.54E-05	0.103792	-9.63463	4.25E-07	0.0263189	-37.9955	0.0081993	0.424436	-2.35607	0.0242232	0.506269	-1.97523	0.141252	0.669757	-1.49308	9.04E-06	0.0876127	-11.4139	45.6889	46.4478	0.903653	1
cg10502655	VCX3A	6.87E-06	0.0225599	0.729213	-1.38273	0.000340427	0.473422	-2.11174	5.56E-06	0.264934	-3.77495	0.761475	1.04022	1.04022	5.55E-06	0.264782	-3.77569	1.63E-06	0.209751	-4.76757	0.0102042	0.15218	-6.57137	0.515043	1.08027	1.08027	0.0001519	0.449578	-2.22457	44.7085	11.8806	0.329208	1
cg04123915	VCX3A;VCX3A	1.69E-05	0.0127366	0.079516	-12.5704	0.04853	0.366146	0.344997	-2.89857	0.000352241	-4.65912	-2.17575	7.79E-05	0.381112	-2.6239	5.71E-07	0.153994	-6.49507	0.268171	0.85542	-1.16902	0.446756	1.13071	1.11071	0.0210923	0.649733	-1.53909	0.000776637	0.502291	-1.99088	35.3782	10.2718	0.258083	1
cg01007028	VCX3B	0.000306131	0.795176	0.914362	-1.09366	0.00158409	0.30243	-3.30655	0.00089075	0.269163	-3.71523	0.00102762	0.277223	-3.60731	3.01E-05	0.11617	-8.60807	0.00213006	0.320386	-3.12123	0.00342258	0.035373	-2.8541	0.0881219	0.608795	-1.64259	0.00028431	0.209443	-4.77456	16.3566	18.0149	0.979003	1
cg22020090	VCX3B	0.00280897	0.0547414	0.498436	-2.0064	0.00265562	0.2633	-3.79795	0.0153744	0.450668	-2.21893	0.00296366	0.280976	0.19403	-5.15407	0.0059868	-16.7033	0.0055245	0.131027	-7.63349	0.0030514	0.0134855	-3.53295	0.0040708	0.482774	-2.07135	0.00452508	0.296855	-3.36865	0.84858	0.14102	0.45102	1
cg23773680	VCX3B	0.00436276	0.246682	0.80362	-1.24437	0.617585	0.913159	-1.0951	0.00193332	0.45303	-2.20736	0.339296	0.83715	-1.19453	0.00038889	0.360281	-2.77561	0.387508	1.17334	1.17334	0.013626	0.5765	-1.73461	0.0257775	0.620118	-1.6126	0.0079796	0.541334	-1.84729	7.64921	3.94599	0.458551	1
cg07988500	VCX3B;VCX3B	0.00355127	0.918764	0.960783	-1.04082	0.0006405	0.128069	-7.8083	0.0634333	0.148089	-6.74927	0.027607	0.0982356	-10.1794	0.0022594	0.0779357	-12.8258	0.0014405	0.184472	-5.42067	0.0181468	0.0400004	-25.0385	0.0900067	0.0952888	-10.5002	0.0015234	0.0144854	-69.0355	0.0144854	-69.0355	0.0152883	1
cg14566437	VDAC1	0.00705157	0.000412976	0.216336	-4.62243	0.0149013	0.441386	-2.26559	0.147519	0.654136	-1.52873	0.0151951	0.442894	-2.25788	0.0043171	0.2916747	-3.42763	0.120024	0.630883	-1.58508	0.167967	0.669427	-1.49381	0.653005	0.665846	-1.50185	0.10651	0.61794	-1.61828	6.59999	7.79717	1.05013	1
cg26924104	VDAC1	0.00958739	0.525807	0.922078	-1.08451	0.03768889	0.738013	-1.35499	0.545194	0.925643	-1.08033	0.0268984	0.71838	-1.39202	0.00048997	0.501973	-1.99214	0.0890847	0.789286	-1.26697	0.0392419	1.35126	1.35126	0.991856	1.00129	1.00129	0.941768	1.00926	1.00926	5.99068	5.15095	0.224192	1
cg25141995	VDAC1	0.0226946	0.68999	1.15864	1.15864	0.4509952	1.17434	1.17434	0.3769469	-1.2096	0.5638797	1.2096	0.9506	-1.05264	0.7866139	1.0817738	-1.0817	0.566099	0.861041	-1.16128	0.1980178	1.1504	1.1504	0.493712	1.19631	1.19631	0.0578207	0.575394	-1.73794	1.4757	1.19615	0.0578207	0.575394	-1.73794	1.4757	1.19615	0.0578207	0.575394	0.934857	1
ch.5.24447908	VDAC1	0.0261307	0.120667	0.550596	-1.80149	0.000814263	0.171138	-5.84324	0.480707	0.77828	-1.28488	0.352661	0.569475	-1.756	0.057593	0.472574	-2.11607	0.0472853	0.774662	-1.29089	0.692003	0.869266	-1.1504	0.901448	1.04428	1.04428	0.157718	1.69599	1.69599	4.29055	8.31017	1.72165	1
cg06426436	VDAC1	0.0261316	0.0545213	0.354154	-2.82351	0.318333	0.7289	-1.37218	0.20628	0.511258	-1.95647	0.0917768	0.411159	-2.43163	0.0134756	0.2450905	-4.0817	0.0502684	0.532354	-1.87904	0.0114079	0.0562789	-17.7696	0.0239445	0.0980846	-10.2003	0.0114205	0.0169457	0.744588	-1.34288	0.727	0.0144548	1
cg00533737	VDAC1	0.0315839	0.00162953	0.629097	-1.58958	0.692101	1.04171	1.04171	0.216045	1.14303	1.14303	0.197197	0.869376	-1.15025	0.165229	0.859002	1.16414	0.615371	1.05339	1.05339	0.0885037	1.21282	1.21282	0.392446	0.09413	1.09413	0.954136	1.00592	1.00592	4.01261	6.66999	0.148419	1
cg22691725	VDAC1	0.0346561	0.63186	0.831736	-1.2023	0.6169828	0.97251	-1.37251	0.416008	0.728116	-1.37341	0.000872393	0.72496	0.72496	0.239969	0.625249	-1.59936	0.632087	1.02015	1.02015	0.227988	0.616941	-1.62089	0.745226	1.13252	1.13252	0.861702	1.06882	1.06882	3.88097	8.954411	2.05083	1
cg07744995	VDAC1;VDAC1	0.0177831	0.1956	0.6943	-1.44035	0.2455662	0.2633	-3.79795	0.0153744	0.450668	-2.21893	0.0029636	0.280976	0.19403

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Ratio(1047 vs. N)	Fold-Change(1-p-value(1047 vs. N)	Ratio(1057 vs. N)	Fold-Change(1-p-value(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1-p-value(1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1-p-value(1127 vs. N)	Ratio(1217 vs. N)	Fold-Change(1-p-value(1217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3-p-value(3477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3-p-value(3537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5-p-value(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5-p-value(5637 vs. N)	F(Error
cg08207137	VENTXP1	0.000582208	0.21934	1.18562	1.18562	1.182833	0.83	-1.20482	0.00118271	0.534212	-1.87192	0.00388915	0.599024	-1.66938	2.02E-05	0.320579	-3.11935										
cg04734446	VENTXP1	0.01116139	0.170172	5.54221	1.54221	0.501609	1.12415	1.22415	0.0140455	0.406887	-2.45768	0.698967	0.891156	-1.12214	0.00065743	0.212701	4.70145										
cg02960611	VENTXP7	0.000207619	0.0114044	0.532149	-1.87917	0.000347073	0.317813	-3.14651	0.00026548	0.303301	-3.29705	0.000337096	0.31622	-3.16236	0.00020655	0.28997	-3.44864										
cg06637396	VENTXP7	0.000652729	0.55736	0.894591	-1.11783	0.06491209	0.67636	-1.47734	0.2945544	0.8154546	-1.22637	0.442753	0.8938886	-1.11823	1.09E-05	0.172295	-5.80398										
cg13255235	VENTXP7	0.00505051	0.916174	1.01461	1.01461	0.158577	0.812505	-1.23076	0.0716945	0.758013	-1.31924	0.004573083	0.467487	-2.13901	0.00120436	0.520281	-1.92204										
cg12469955	VENTXP7	0.0421777	0.179603	0.630946	-1.58492	0.863732	0.945231	-1.05794	0.611771	1.17684	1.17684	0.539258	0.81805	-1.22242	0.308819	0.715545	-1.40539										
cg10574418	VENTXP7	0.049532	0.160521	0.892694	-1.1202	0.409013	1.06603	1.06603	0.247724	0.912558	-1.09582	0.481329	1.05569	1.05569	0.876687	1.01183	1.01183										
cg01018701	VEPH1;VEPH1;PTX3;VEPH1	0.000611614	0.180867	0.801701	-1.24779	0.040379	1.05178	1.05178	0.0135442	1.6686	1.6086	0.202292	1.25393	1.25393	0.0013619	0.406783	2.45931										
cg02052751	VEPH1;VEPH1;PTX3;VEPH1	0.00311842	0.479773	0.948454	-1.05435	0.010479	1.26521	1.26521	0.0140451	1.25031	1.25031	0.158468	0.894915	-1.11742	0.455887	0.945591	-1.05754										
cg27026615	VEPH1;VEPH1;PTX3;VEPH1	0.000857201	0.000452872	0.205016	-4.87766	0.0172828	0.435451	-2.29647	0.0243686	0.463397	-2.15798	0.855104	0.948943	-1.0538	0.01128941	0.412671	-2.42324										
cg02043373	VEPH1;VEPH1;PTX3;VEPH1	0.000926851	0.0587816	0.26214	-3.81446	0.0020998	0.464554	-2.15292	0.0140451	0.34189	-2.92497	0.0483063	0.955935	-1.04611	0.85275431	1.27142	1.27142	0.0107954	0.581181	0.57989	-1.72446	0.0107954	0.13187	0.89885	-1.10395	0.05556	0.14084	0.167462	1
cg21150807	VEPH1;VEPH1;PTX3;VEPH1	0.0152094	0.015779	1.74473	1.74473	0.180858	0.3065	1.3065	0.0519107	0.659545	-1.5162	0.0192154	1.70411	1.70411	0.00496224	2.0171	2.01371	0.160409	1.32602	1.32602	0.241383	1.27185	0.863584	1.03289	1.03289	0.15699	2.89215	0.498508	1
cg18349405	VEPH1;VEPH1;PTX3;VEPH1	0.0240216	0.0886049	0.641575	-1.55855	0.0088694	0.412235	-2.42762	0.0140451	0.268525	-3.72412	0.0140451	0.648598	-1.54169	0.00795734	0.429159	-2.32914	0.99055	1.0002	1.0002	0.509707	1.18569	1.185569	0.877445	-1.13968	0.873646	0.748155	-1.33662	0.41003	0.453893	0.913215	1
cg19536359	VEPH1;VEPH1;PTX3;VEPH1	0.0153459	0.133358	1.33144	1.33144	0.00209988	0.465364	-2.14885	0.0170215	0.597859	-1.67263	0.990371	0.997869	-1.00214	0.217096	0.794855	-1.25809	0.317505	1.20043	1.20043	0.0244916	1.60604	1.60604	0.816098	0.959848	-1.04183	0.966547	0.992613	-1.00744	5.14138	2.54515	0.440029	1
cg21476666	VEPH1;VEPH1;VEPH1;VEPH1	0.0351471	0.00862681	0.336183	-2.97457	0.0037972	0.280596	-3.56384	0.18397	0.632057	-1.58214	0.122104	0.579606	-1.72531	0.00316162	0.503982	-1.9842	0.064923	0.508476	-1.96666	0.0843891	0.53719	-1.86152	0.116038	0.573511	-1.74365	0.0285981	0.431428	-2.31788	0.267911	0.479511	-2.08557	1
cg10907960	VEPH1;VEPH1;PTX3;VEPH1	0.0442548	0.0595622	0.626776	-1.61271	0.0754422	0.640931	-1.56023	0.1611091	0.734712	-1.39516	0.331289	0.78826	-1.25269	0.751637	0.931125	-1.07397	0.415864	0.82972	-1.2052	0.0339678	2.3858	2.3858	0.450023	0.841137	-1.18887	0.818204	1.05311	1.05311	0.547152	1.46966	1
cg08233909	VEPH1;VEPH1;VEPH1;VEPH1	0.0476814	0.0182006	0.297073	-3.36617	0.00602045	0.218847	-4.5694	0.25479	0.604464	-1.65436	0.153	0.523122	-1.9116	0.0661746	0.417887	-2.39299	0.138816	0.509361	-1.96324	0.0872745	0.449624	-2.22408	0.160256	0.529849	-1.88733	0.0130566	0.271523	-3.68293	3.44964	9.793052	2.52356	1
cg01608886	VEPH1;VEPH1;VEPH1;VEPH1	0.0120345	0.497323	0.786098	-1.27209	0.108207	0.674163	-1.48328	0.0108566	0.326498	-3.0628	0.407831	0.741329	-1.34485	0.0111504	0.328486	-3.04427	0.409025	0.710449	-1.40756	0.365997	1.45647	1.45647	0.151874	1.86176	1.86176	0.00455937	4.62164	4.62164	3.78207	0.918785	2.30746	1
cg08650580	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1;VE	0.0372094	0.0868065	1.51054	1.51054	0.00407452	4.76291	4.76291	0.423692	1.39209	1.39209	0.150504	1.27667	1.27667	0.921979	1.04046	1.04046										
cg17067226	PH1	0.00316848	0.263962	0.779754	-1.28246	0.0221491	1.79684	1.79684	0.132207	0.706721	-1.41499	0.129313	1.41929	1.41929	0.000211943	0.266417	-3.75352	0.487442	0.860083	-1.16268	0.00853867	0.488233	-2.0482	0.0312084	0.58267	-1.71624	0.148589	0.71819	-1.39239	8.42024	6.08721	0.642601	1
cg02928957	PH1	0.0085104	0.0290005	0.562802	-1.77682	0.0283046	0.560898	-1.78286	0.0740403	0.641075	-1.55988	0.0014299	0.357022	-2.80094	0.0121394	0.497497	-2.01006	0.0131658	0.503347	-1.9867	0.0033021	0.409105	-2.44436	0.562935	1.13953	1.13953	0.142782	0.703439	-1.42159	6.22161	4.91439	0.702125	1
cg27113736	PH1	0.0103098	0.140887	1.34523	1.34523	0.0144116	0.568151	-1.75898	0.0149394	0.570968	-1.75141	0.616208	1.09925	1.09925	0.0124196	0.558417	-1.79078	0.0531691	1.50891	1.50891	0.001222	1.40124	1.40124	0.167268	1.31742	1.31742	0.0768795	1.44128	1.44128	5.85316	3.25057	0.493647	1
cg19416600	VEZF1	0.00710711	0.50675	0.88816	-1.12613	0.00763383	0.546265	-1.83061	0.0449352	0.668464	-1.50046	0.204861	0.898886	-1.11296	0.00218504	0.376355	-2.65744	0.68115	1.07656	1.07656	0.0021834	0.783	0.783	0.0797	-1.27745	0.492675	1.13072	1.13072	0.007786	0.559975	-1.78571	0.324158	0.437647	1
cg19170806	VEZF1	0.0100097	0.0443488	0.588305	-1.6998	0.0020401	0.71477	0.71477	0.98181	1.00525	1.00525	0.843539	1.04644	1.04644	0.00618439	0.440355	2.27089	0.63779	0.896795	-1.11508	0.131981	0.688349	-1.45275	0.0476931	1.68226	1.68226	0.837613	0.953955	-1.04827	5.90879	4.93777	0.742814	1
cg27376437	VEZF1	0.0164648	0.262212	0.80696	-1.23939	0.320974	1.16854	1.16854	0.0140451	0.758409	-1.31855	0.000233118	0.313866	-3.18628	0.00144002	0.422379	2.36707	0.119001	0.54202	0.54202	-1.84443	0.0030597	0.415019	0.45519	0.46519	0.0770744	0.080052	0.521952	0.9256	0.16408	0.73818	1.638	0.828402	0.925654	0.108052	0.521952	0.9256	0.16408	0.78318	1
cg22839729	VEZF1;VEPH1	0.00188836	0.00752531	0.489685	-2.04213	0.0640348	0.144	-5.14044	0.03299	0.16706	0.16706	0.0117423	0.520248	-1.92216	0.957494	0.988996	-1.01113	0.000566503	0.329953	-3.03074	0.220132	1.30654	1.30654	0.0074492	0.488969	-2.04512	0.0885222	1.4771	1.4771	5.80442	6.69179	0.606691	1
cg23857976	VEZF1;VEZF1	0.00715027	0.583864	0.913868	-1.09425	0.00047696	0.409448	-2.44231	0.00173171	0.483061	-2.07013	0.0374489	0.674916	-1.48167	0.36177	0.853437	-1.16491	0.958609	1.00849	1.00849	0.278388	1.20145	1.20145	0.344091	0.853262	-1.17197	0.0582249	0.705725	-1.41698	6.57142	2.75938	0.37325	1
cg15339142	VEZT	0.0427988	0.5900151	0.812138	-1.23104	0.0103245	1.18567	1.18567	0.0140451	0.344203	-2.90509	0.404167	1.3816	1.3816	0.00618898	0.215135	4.64911	0.550649	0.41389	0.41389	-2.41389	0.0001	0.0001	0.0001	1.37648	1.37648	0.0822453	0.883928	1.05747	1.05747	0.59121	0.826019	1
cg22992573	VEZT;FGD6	0.00111378	0.593113	0.84319	1.04319	0.304457	0.919998	-1.08696	0.0984045	1.527	1.1527	0.0988905	0.867739	-1.15242	3.44E-05	0.53341	-1.87473	0.001242494	0.690774	-1.44765	0.505707	0.94843	-1.05417	0.0258213	0.812607	-1.23061	0.0698528	0.853047	-1.17227	0.14118	0.111105	0.0865421	1
cg21276442	VEZT;FGD6	0.0127863	0.243471	0.410667	-2.43597	0.0012653	0.484995	-2.06171	0.0140451	0.185756	-5.38485	0.0140451	0.654126	-1.53231	0.0001	0.0001	0.0001	0.654005	0.450916	-2.21793	0.0001	0.0001	0.0001	0.0001	0.548455	-1.8233	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg02154874	VEZT;FGD6;FGD6	0.00253411	0.583445	1.13345	1.13345	0.871828	0.964185	-1.03715	0.152027	1.41949	1.41949	5.56E-05	0.152101	-6.57457	0.177966	1.38589	1.38589	0.260962	0.76605	1.3054	0.0531486	0.602715	-1.65916	0.87747	0.967549	-1.03547	0.0454351	0.588867	-1.69818	10.6507	5.4237	0.615151	1
cg02885694	VGF	0.000316427	0.00662172	0.7086	-1.41119	0.0498258	1.41971	1.41971	0.769815	1.0909	1.02909	0.887334	0.986243	-1.01395	0.949483	0.889037	-1.12481	0.786487	1.02689	1.02689	1.92E-05	0.428086	-2.33598	0.00371872	1.46662	1.46662	0.0467876	1.24912	1.24912	6.21172	2.45186	0.334436	1
cg08097755	VGF	0.219471	0.0170726	0.779576	-1.28311	0.3958	1.20163	1.20163	0.0140451	0.734712	-1.39516	0.000546399	0.2939	2.3209	0.108448	0.502606	-1.98996	0.0018646	0.49178	-2.0415	0.143686	0.850035	-1.17642	0.345501	0.779741	-1.28248	0.790754	1.05599	1.05599	0.80242	4.52085	0.590751	1
cg05225187	VGF	0.0179134	0.892733	1.03074	1.03074	0.466023	1.18116	1.18116	0.891559	0.969849	-1.03109	0.550101	1.14535	1.14535	0.00399524	0.419634	2.38303	0.843318	0.956557	-1.04542	0.00173478	0.366905	-2.7255	0.6839	0.912219	-1.09623	0.112463	1.47379	1.47379	4.88304	3.80582	0.709179	1
cg16565175	VGF	0.0368188	0.0377527	0.69127	-1.44665	0.0275183	0.731	0.731	0.254246	0.933753	0.93193	0.701193	0.831851	-1.20228	0.0082	0.682704	0.686304	0.779027	0.64215	0.64215	-1.55726	0.0001	0.0001	0.0001	0.853999	-1.17096	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg21462299	VGLL1	0.000551003	0.474742	1.27122	1.27122	0.000214916	0.130073	-7.68801	0.00172594	0.228541	-4.37558	0.0599369	0.496242	-2.01515	0.00570873	0.302227	3.30877	0.277083	0.688536	-1.45236	2.97E-05	0.067274	-14.8793	1.35737	0.588145	-1.70026	0.0560237	1.489416	-1.04325	13.9101	24.1002	1.53431	1
cg08073365	VGLL1	0.0114915	0.364609	1.31973	1.31973	0.00566987	0.33934	-2.9469	0.0234128	0.446439	-2.23995	0.19684	1.50131	1.50131	0.0316675	0.472291	-2.11734	0.0626946	1.86588	1.86588	0.0208526	2.28912	2.28912	0.248484	0.698199	-1.43226	0.447272	0.794004	-1.25944	5.65221	7.93873	1.24848	1
cg25904743	VGLL1	0.0154483	0.0154819	0.622505	-1.60625	0.0023883	0.314901	-3.17601	0.0140451	0.226965	-4.40657	0.0140451	0.622288	-1.60722	0.00164391	0.222388	-4.49866	0.280643	1.44283	1.44283	0.0020334	1.78992	1.78992	0.0077936	1.29293	1.29293	0.0172996	0.237281	2.41441	4.44283	17.3215	4.45567	1
cg12384303	VGLL1	0.0315971	0.980197	0.992752	-1.0073	0.0233527	0.451981	-2.21248	0.00379656	0.318458	-3.14013	0.287734	0.723627	-1.38193	0.0674927	0.548607	-1.8228	0.278562	1.39123	1.39123	0.741217	1.102	1.102	0.0226871	0.449579	-2.22431	0.0131519	0.62056	-1.61145	0.41202	0.545742	1.20913	1
cg07911140	VGLL1;MIR934	0.0176208	0.0134557	0.597137	-1.67467	0.0137349	0.421318	-2.37316	0.0140451	0.167763	-5.9655	0.0140451	0.403853	-2.47615	0.0173336	0.484484	-2.06417	0.1304605	0.51556	0.51556	-1.93984	0.0931727	0.232745	-4.29655	0.888164	0.159601	-6.26756	0.888164	0.159601	-6.26756	0.888164	0.159601	-6.26756	0.47948	1
cg06268905	VGLL1;MIR934	0.0421956	0.387967	1.37563	1.37563	0.0895374	0.509328	-1.96337	0.252252	0.649833	-1.53886	0.09012	0.510076	-1.96049	0.00466857	0.257763	-3.87954	0.608224	1.20484	1.20484	0.0160127	0.34553	-2.89411	0.81952	0.920527	-1.07582	0.0867893	0.505749	-1.97727	3.6111	7.42911	1.82871	1
cg25904743	VGLL1	0.0154483	0.0154819	0.622505	-1.60625	0.0023883	0.314901	-3.17601	0.0140451	0.226965	-4.40657	0.0140451	0.622288	-1.60722	0.00164391	0.222388	-4.49866	0.280643	1.44283	1.44283	0.0020334	1.78992	1.78992	0.0077936	1.29293	1.29293	0.0172996	0.237281	2.41441	4.44283	17.3215	4.45567	1
cg12384303	VGLL1	0.0315971	0.980197	0.992752	-1.0073	0.0233527	0.451981	-2.21248	0.00379656	0.318458	-3.14013	0.287734	0.723627	-1.38193	0.0674927	0.548607	-1.8228	0.278562	1.39123	1.39123	0.741217	1.102	1.102	0.0226871	0.449579	-2.22431	0.0131519	0.62056	-1.61145	0.41202	0.545742	1.20913	1
cg07911140	VGLL1;MIR934	0.0176208	0.0134557	0.597137	-1.67467	0.0137349	0.421318	-2.37316	0.0140451	0.167763	-5.9655	0.0140451	0.403853	-2.47615	0.0173336	0.484484	-2.06417	0.1304605	0.51556	0.51556	-1.93984	0.0931727	0.232745	-4.29655	0.888164	0.159601	-6.26756	0.888164	0.159601	-6.26756	0.888164	0.159601	-6.26756	0.47948	1
cg06268905	VGLL1;MIR934	0.0421956	0.387967	1.37563	1.37563	0.0895374	0.509328	-1.96337	0.252252	0.649833	-1.53886	0.09012	0.510076	-1.96049	0.00466857	0.257763	-3.87954	0.608224	1.20484	1.20484	0.0160127	0.34553	-2.89411	0.81952	0.920527	-1.07582	0.0867893	0.505749	-1.97727	3.6111	7.42911	1.82871	1
cg25904743	VGLL1	0.0154483	0.0154819	0.622505	-1.60625	0.0023883	0.314901	-3.17601	0.0140451	0.226965	-4.40657	0.0140451	0.622288	-1.60722	0.00164391	0.222388	-4.49866	0.280643	1.44283	1.44283	0.0020334	1.78992	1.78992	0.0077936	1.29293	1.29293	0.0172996	0.237281	2.41441	4.44283	17.3215	4.45567	1
cg12384303	VGLL1	0.0315971	0.980197	0.992752	-1.0073	0.0233527	0.451981	-2.21248	0.00379656	0.318458	-3.14013	0.287734	0.723627	-1.38193	0.0674927	0.548607	-1.8228	0.278562	1.39123	1.39123	0.741217	1.102	1.102	0.0226871	0.449579	-2.22431	0.0131519	0.62056	-1.61145	0.41202	0.545742	1.20913	1
cg00931581	VGLL2	0.0086543	0.442278	1.13865	1.13865	0.00414788	0.551435	-1.81345	0.0133481	0.58758	-1.70168	0.0709374	0.56963	-1.75559	0.0224259	0.712459	-1.40339	0.594599	1.08675	1.08675	0.209238	1.44564	1.44564	-1.22752	5.99E-06	4.82035	4.82035	0.0015648	1.77196	1.77196	0.94087	0.741388	0.337728	1
cg20844851	VGLL2;VGLL2	0.000212094	0.364372	1.12045	1.12045	0.645289	0.945015	-1.05818	0.4529	1.09779	1.09779	0.928803	1.01096	1.01096	0.00204159	0.588355	-1.69965	0.115524	1.23214	1.23214	0.75164	1.0395	1.0395	3.42E-06	3.79814	3.79814	0.3303112	1.1304	1.1304	18.0808	4.26314	0.209584	1
cg25821794	VGLL2;VGLL2	0.00214156	0.468368	0.789944	-1.26592	0.0103145	0.678	0.81343	0.00178884	0.288672	-3.46382	0.0080882	0.531918	-1.88002	0.00144023	0.24709	-4.04703	0.1485	0.83131	0.83131	-1.20296	0.00075194	0.257574	-3.88372	0.440003	-2.27271	0.00193944	0.174786	-5.72107	0.0140451	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg23236408	VGLL3;VGLL3	0.00367087	0.163553	0.627592	-1.59339	0.00404351	0.35216	0.35216	0.997541	0.999035	-1.00097	0.99076	0.759174	-1.31722	0.00237246	0.265052	3.77285	0.045604	0.48764	-2.05069	0.00105427	0.219139	-4.56331	0.790884	1.08683	1.08683	0.0663248	0.524526	-1.90648	0.05789	0.529737	1.38199	1
cg18496543	VGLL3;VGLL3	0.00791261	0.119503	1.96569	1.96569	0.0744257	0.312911	-3.19551	0.0140451	0.17298	-5.78117	0.0140451	0.324404	-3.08159	0.00152352	0.212841	4.70052	0.160726	0.76126	0.76126	-1.31372	0.0124619	0.460786	-2.172	0.0097596	0.313015	3.19387	0.0140451	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg02126446	VGLL3	0.0144745	0.344255	0.809518	-1.2353	0.688601	1.09131	1.09131	0.0542218	0.622582	-1.60621	0.143715	0.711237	-1.406	0.504278	0.863309	0.15833	0.152528	0.717212	1.39429	0.320052	0.80022	-1.24966	0.000688321	0.3775	3.0775	0.349773	1.23216	1.23216	5.24205	2.90604	0.662344	1
cg17811545	VGLL3	0.0271215	0.668953	0.895127	-1.11716	0.762572	1.07024	1.07024	0.821343	0.943408	-1.05999	0.459743	0.823764	-1.21394	0.212002	0.724073	-1.3808	0.160298	0.679526	-1.47161	0.030767	0.52045	-1.92217	0.00154984	3.22935	3.22935	0.378847	0.792921	-1.26116	0.42349	0.449468	0.933952	1
cg16524852	VGLL3	0.758801	0.1238	0.215153	-4.64779	0.0144	0.19356	0.19356	0.0053642	0.164372	0.89985	0.14944	0.603914	0.19356	0.00536423	0.183122	5.45954	0.089747	0.59073	0.59073	-1.69248	0.0384495	0.797782	-1.25348	0.00347713	0.688253	-1.45295	0.365792	0.916189	-1.09148	0.534308	0.942434	-1.06108	4.57639	0.643203	0.124932	1
cg02100941	VGLL3;VGLL3	0.0216867	0.0132637	0.748622	-1.33525	0.0149757	0.754379	-1.32559	0.108193	0.847787	-1.17954	0.00705106	0.720303	-1.3883	0.535362	0.942582	-1.06092	0.0384495	0.797782	-1.25348	0.00347713	0.688253	-1.45295	0.365792	0.916189	-1.09148	0.534308	0.942434	-1.06108	4.57639	0.643203	0.124932	1
cg22278433	VGLL4	0.246.05	0.0053797	0.731213	-1.36756	0.586.07	0.442591	-2.48263	0.0076997	0.274781	-3.62969	0.0140587	0.380442	-2.6291	0.00760221	0.454448	-2.20362	0.533032	1.0932	1.0932	0.0933	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	0.0123	1
cg22826718	VGLL4	0.00207045	4.39E-05	0.139759	-7.15516	0.666578	0.101067	1.01067	0.337318	0.777839	-1.28561	0.285231	0.754343	-1.32566	0.00974431	0.435925	2.29397	0.200151	1.70197	1.70197	1.41019	0.099512	0.437448	-2.28599	0.0184751	0.483956	-2.0663	0.0100806	0.438386	2.28209	0.975453	0.908116	1
cg13511387	VGLL4	0.0055945	0.0901734	1.41985	1.41985	0.950117	0.988325	-1.01181	0.478247	1.14492	1.14492	0.87193	1.03075	1.03075	0.0377908	1.57177	1.57177	0.465969	1.14944	1.14944	1.00036373	0.342129	-2.92288	0.0126321	1.78965	1.78965	0.238903	0.793135	-1.26053	0.09035	3.95696	0.490669	1
cg05687077	VGLL4	0.0562073	0.153784	0.807209	-1.23894	0.0310144	0.794	-1.25945	0.0140451	0.168382	-5.94037	0.0140451	0.794	-1.25945	0.00140569	0.240124	-4.16439	0.080259	0.42587	-2.34825	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg01589054	VGLL4	0.00713877	0.024656	0.442091	-2.26198	0.0131798	0.991588	-2.55371	0.321451	0.731621	-1.36683	0.989774	1.0092	1.0092	0.0197569	0.423669	-2.36033	0.117598	0.595414	-1.6795	0.0004949	0.040	0.188377	-5.28046	0.00305111	0.28997	-3.44863	0.0746202	0.905864	-1.10392	0.574972	0.69112	0.13102	1
cg29596149	VGLL4	0.0084955	0.0148459	0.56098	-1.78244	0.0013731	0.712788	0.712788	0.0140451	0.321973	-3.10657	0.0140451	0.712788	0.712788	0.00140569	0.240124	-4.16439	0.080259	0.42587	-2.34825	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg02126446	VGLL3	0.0144745	0.344255	0.809518	-1.2353	0.688601	1.09131	1.09131	0.0542218	0.622582	-1.60621	0.143715	0.711237	-1.406	0.504278	0.863309	0.15833	0.152528	0.717212	1.39429	0.320052	0.80022	-1.24966	0.000688321	0.3775	3.0775	0.349773	1.23216	1.23216	5.24205	2.90604	0.662344	1
cg17811545	VGLL3	0.0271215	0.668953	0.895127	-1.11716	0.762572	1.07024	1.07024	0.821343	0.943408	-1.05999	0.459743	0.823764	-1.21394	0.212002	0.724073	-1.3808	0.160298	0.679526	-1.47161	0.030767	0.52045	-1.92217	0.00154984	3.22935	3.22935	0.378847	0.792921	-1.26116	0.42349	0.449468	0.933952	1
cg16524852	VGLL3	0.758801	0.1238	0.215153	-4.64779	0.0144	0.19356	0.19356	0.0053642	0.164372	0.89985	0.14944	0.603914	0.19356	0.00536423	0.183122	5.45954	0.089747	0.59073	0.59073	-1.69248	0.0384495	0.797

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11973177	VIM	0.0351287	0.000979271	0.159551	-6.26757	0.381924	0.714827	-1.39894	0.272497	1.53356	1.53356	0.279621	0.656525	-1.52317	0.703207	1.15408	1.15408
cg06460869	VIM	0.0412007	0.00242358	0.0346673	-28.8456	0.0695137	0.19861	-5.035	0.0135974	0.0879617	-11.3686	0.139163	0.281589	-3.55128	0.303601	0.428124	-2.33577
cg00146951	VIM;VIM	0.0300764	0.982143	0.994498	-1.00553	0.0170542	0.48826	-2.04809	0.00256548	0.356732	-2.80322	0.145494	0.680262	-1.47002	0.489329	0.841033	-1.18901
cg08918274	VIM;VIM	0.030294	0.104585	0.341984	-2.92411	0.0103696	0.141889	-7.04777	0.00599324	0.113904	-8.7793	0.107317	0.345377	-2.89539	0.835721	0.881974	-1.13382
cg22694480	VIPR1	1.59E-06	0.740572	1.05768	1.05768	0.192099	0.792118	-1.26244	0.0655026	0.705457	-1.41752	0.679799	0.932348	-1.07256	0.003679	0.515456	-1.94003
cg09384400	VIPR1	2.16E-05	8.80E-06	0.297848	-3.35741	0.83755	0.974551	-1.02611	0.676977	0.948754	-1.05401	1.64E-06	0.220418	-4.53684	0.023527	0.712015	-1.40447
cg10970409	VIPR1	0.000286319	0.00733269	0.741618	-1.3484	0.371506	1.08258	1.08258	0.426327	0.932167	-1.07277	0.470754	1.06551	1.06551	0.0245737	0.793296	-1.26056
cg09996971	VIPR1	0.000292661	0.000138247	0.309002	-3.23623	0.0726901	0.699804	-1.42897	0.00011436	0.299135	-3.34297	0.859281	1.03214	1.03214	6.62E-05	0.271387	-3.68477
cg27309542	VIPR1	0.00387161	0.275023	0.862412	-1.15954	0.097291	1.26766	1.26766	0.267066	1.16265	1.16265	0.0110111	0.659873	-1.51544	0.00766154	0.639714	-1.5632
cg01919863	VIPR1	0.00445824	0.0188774	0.809048	-1.23602	0.0119781	0.791696	-1.26311	0.00915398	0.781431	-1.2797	0.734444	0.97495	-1.02569	0.585043	0.959749	-1.04194
cg02061253	VIPR1	0.0353269	0.77417	1.06196	1.06196	0.659726	0.911568	-1.09701	0.00125519	0.37366	-2.67623	0.103763	0.689525	-1.45027	0.784567	0.944347	-1.05893
cg23517013	VIPR1	0.0361277	0.0760354	2.98718	2.98718	0.145173	2.38014	2.38014	0.0868391	2.85262	2.85262	0.136403	2.43378	2.43378	0.128711	2.48459	2.48459
cg12257156	VIPR2	7.72E-06	0.0108522	2.41709	2.41709	2.22E-05	10.4685	10.4685	0.000121325	6.37285	6.37285	3.93E-05	8.7631	8.7631	0.0465447	0.53317	-1.87558
cg01979481	VIPR2	5.72E-05	0.0902937	0.824363	-1.21306	0.00664317	1.43977	1.43977	0.196877	0.868338	-1.15162	9.66E-05	0.487925	-2.04949	0.0130102	1.37555	1.37555
cg06252875	VIPR2	0.000238739	0.868293	0.984321	-1.01593	0.0309518	0.785668	-1.2728	0.00163904	0.650901	-1.53633	0.767479	0.972162	-1.02864	0.0877207	1.19658	1.19658
cg08614290	VIPR2	0.000263984	0.00125583	0.339916	-2.94191	0.000961593	0.324223	-3.0843	0.379273	0.813324	-1.22952	0.0215805	0.531473	-1.88156	9.46E-05	0.203244	-4.9202
cg18278817	VIPR2	0.000683416	6.36E-06	0.0238737	-41.8871	0.491516	1.2957	1.2957	0.708557	1.14938	1.14938	0.701091	0.866753	-1.15373	0.522738	0.786493	-1.27147
cg27524080	VIPR2	0.000814949	0.0160724	2.93575	2.93575	4.94E-05	16.215	16.215	0.00502223	3.88369	3.88369	0.0603221	2.16933	2.16933	0.740887	1.12897	1.12897
cg13336326	VIPR2	0.00155799	0.457218	1.21654	1.21654	0.000242268	0.207709	-4.81444	0.0253523	0.502488	-1.9901	0.205509	1.41311	1.41311	0.00121191	0.29329	-3.40959
cg02189017	VIPR2	0.00158471	0.636787	0.930934	-1.07419	0.0911663	0.755823	-1.32306	0.157933	0.796795	-1.25503	0.14039	0.787695	-1.26953	4.05E-05	0.307613	-3.25084
cg25899922	VIPR2	0.00161757	0.0530166	0.548582	-1.82288	0.000204596	0.182793	-5.47068	0.33056	0.760201	-1.31544	0.0120077	0.425012	-2.35288	0.00020846	0.183645	-5.44529
cg03880407	VIPR2	0.00220782	0.421586	1.17064	1.17064	0.00101858	2.54701	2.54701	0.569518	0.895557	-1.11662	0.0576512	1.50975	1.50975	0.170829	1.32295	1.32295
cg01290718	VIPR2	0.00253782	0.789859	0.946297	-1.05675	0.138222	0.719027	-1.39077	0.680379	0.917957	-1.08938	0.431821	1.18034	1.18034	4.75E-05	0.205218	-4.87288
cg11697660	VIPR2	0.004056	0.0169383	0.301366	-3.31823	0.05502	0.408232	-2.44959	0.329721	0.660867	-1.51316	0.997075	0.998492	-1.00151	0.000324333	0.09129	-10.9541
cg14073571	VIPR2	0.00524609	0.0515778	2.89237	2.89237	0.000581293	12.8076	12.8076	0.00223513	7.78417	7.78417	0.297415	1.6783	1.6783	0.732451	0.848331	-1.17879
cg15652683	VIPR2	0.00635319	0.242021	0.892786	-1.12009	0.00154078	1.52489	1.52489	0.00264813	1.46987	1.46987	0.50752	1.06425	1.06425	0.729046	1.03273	1.03273
cg09909417	VIPR2	0.00637187	0.151279	0.365351	-2.73709	0.00106825	0.0353579	-28.2822	0.116404	0.326406	-3.06367	0.0307231	0.185137	-5.40141	0.00149399	0.0427847	-23.3728
cg05144285	VIPR2	0.00865893	0.00852819	0.150092	-6.6626	0.00496509	0.122274	-8.17833	0.00845769	0.149628	-6.68323	0.0418399	0.265713	-3.76346	0.00596133	0.131155	-7.62454
cg18339298	VIPR2	0.011074	0.067943	0.686472	-1.45672	0.930028	1.01629	1.01629	0.349671	1.1938	1.1938	0.0100365	0.549923	-1.81844	0.778726	0.949488	-1.0532
cg21038156	VIPR2	0.0127792	0.273097	1.75192	1.75192	?	?	?	0.00247925	0.114229	-8.75431	?	?	?	0.522649	1.37329	1.37329
cg10704491	VIPR2	0.0127957	0.0678654	0.446358	-2.24036	0.0015538	0.166236	-6.01555	0.250246	0.622584	-1.60621	0.154716	0.548406	-1.82347	0.00205012	0.180252	-5.5478
cg18425653	VIPR2	0.0129825	0.00338062	0.414168	-2.41448	0.146105	1.4121	1.4121	0.637146	0.900251	-1.1108	0.199983	0.741237	-1.3491	0.00215812	0.385777	-2.59217
cg05371552	VIPR2	0.0153868	0.0617507	3.23067	3.23067	0.00303064	9.62642	9.62642	0.0755055	3.01275	3.01275	0.339376	1.73129	1.73129	0.0108075	5.95656	5.95656
cg22751848	VIPR2	0.018024	0.0201049	0.242541	-4.12302	0.241245	0.538085	-1.85844	0.375012	0.631293	-1.58405	0.29096	0.574864	-1.73954	0.00149687	0.0990138	-10.0996
cg05554000	VIPR2	0.0225206	0.72716	0.829551	-1.20547	0.924838	0.950905	-1.05163	0.252319	0.528384	-1.89256	0.613867	0.762291	-1.31183	0.000787426	0.0667205	-14.9879
cg16215071	VIPR2	0.0330935	0.274238	1.21074	1.21074	0.763014	0.950439	-1.05215	0.0287552	1.54272	1.54272	0.812507	0.960846	-1.04075	0.792117	0.956571	-1.0454
cg06878663	VIPR2	0.0343401	0.133384	0.69916	-1.43029	0.00425137	0.429254	-2.32962	0.0940426	0.665677	-1.50223	0.451541	0.844045	-1.18477	0.00223948	0.388284	-2.57544
cg02884053	VIPR2	0.0373316	0.0182208	0.698874	-1.43087	0.600711	1.06824	1.06824	0.228532	1.17113	1.17113	0.392516	0.896287	-1.11571	0.161668	0.829606	-1.20539
cg12009398	VIPR2	0.0374	0.147677	1.72096	1.72096	0.0227017	2.59406	2.59406	0.312484	0.694097	-1.44072	0.280766	0.675826	-1.47967	0.136743	1.7511	1.7511
cg10764907	VIPR2	0.0404912	0.0776344	0.746396	-1.33977	0.215675	1.21451	1.21451	0.227103	0.82769	-1.20818	0.555926	0.914999	-1.0929	0.19765	0.816206	-1.22518
cg18048071	VIPR2	0.0411209	0.983118	1.00692	1.00692	0.00986502	2.89382	2.89382	0.239201	0.669233	-1.49425	0.291832	0.700205	-1.42815	0.89118	0.956378	-1.04561
cg23058037	VIPR2	0.0440473	0.91534	0.930495	-1.0747	0.496303	1.59672	1.59672	0.0727163	3.882	3.882	0.317528	2.01368	2.01368	0.0137093	0.126844	-7.88372
cg12906589	VIPR2	0.0481783	0.0454313	0.704467	-1.41951	0.408185	1.13787	1.13787	0.483045	0.89688	-1.11498	0.115192	0.769905	-1.29886	0.00992654	0.608203	-1.64419
cg06281904	VIT	1.36E-06	0.608601	1.02565	1.02565	0.837993	0.990012	-1.01009	4.73E-06	0.598286	-1.67144	0.0534215	1.11357	1.11357	8.67E-06	1.60616	1.60616
cg24169771	VIT	0.000401885	0.000103087	0.181435	-5.51162	0.0184267	2.03452	2.03452	0.201135	1.39846	1.39846	0.96934	1.00959	1.00959	0.344596	0.785191	-1.27358
cg09154591	VIT	0.00153241	0.00545319	0.611693	-1.63481	0.0345555	0.717921	-1.39291	0.000264512	0.446783	-2.23822	0.000735886	0.501774	-1.99293	0.000338485	0.45996	-2.1741
cg14974056	VIT	0.00632061	0.000315728	0.319875	-3.12622	0.189007	1.31228	1.31228	0.25027	1.26445	1.26445	0.575058	1.11697	1.11697	0.0887352	0.693027	-1.44294
cg13898875	VIT	0.0110353	0.713918	0.945899	-1.0572	0.00335624	0.547255	-1.8273	0.00576821	0.578993	-1.72714	0.021081	0.657665	-1.52053	0.20277	0.81618	-1.22522
cg04200835	VKORC1;VKORC1	0.00468479	0.51449	1.28522	1.28522	0.670027	1.17646	1.17646	0.403506	1.38397	1.38397	0.0115722	0.289458	-3.45474	0.000140909	0.0652086	-15.3354
cg22062239	VKORC1;VKORC1	0.0129306	0.89529	1.01404	1.01404	0.0391661	1.28757	1.28757	0.0992925	1.21087	1.21087	0.0243263	1.32875	1.32875	0.799278	1.02735	1.02735
cg01305745	VKORC1;VKORC1	0.0170427	0.148776	0.539691	-1.85291	0.491654	0.757158	-1.32073	0.1698	0.558547	-1.79036	0.966581	0.983452	-1.01683	0.869084	1.06791	1.06791
cg09155044	VKORC1;VKORC1	0.0449789	0.104246	0.595915	-1.67809	0.39087	0.773952	-1.29207	0.419855	0.786456	-1.27153	0.372834	0.765935	-1.30559	0.845659	0.94478	-1.05845
cg12711054	VKORC1L1	0.00309967	0.00647479	0.230296	-4.34225	0.00528008	0.217505	-4.59759	0.0418319	0.377902	-2.64619	0.0498616	0.395388	-2.52916	0.000807745	0.122863	-8.13915
cg16760382	VKORC1L1	0.00753625	0.913112	0.980488	-1.0199	0.00422671	0.500851	-1.9966	0.0222484	0.609759	-1.63999	0.00532673	1.94028	1.94028	0.00361677	0.491152	-2.03603
cg20836212	VKORC1L1	0.0154538	0.0549289	0.553599	-1.80636	0.23527	1.40204	1.40204	0.00532117	0.368768	-2.71173	0.0273605	0.492075	-2.03221	0.00438733	0.355773	-2.81078
cg23090159	VKORC1L1	0.0198546	0.114067	0.652005	-1.53373	0.540832	1.16654	1.16654	0.169758	0.694973	-1.43891	0.692086	1.10411	1.10411	0.00440936	0.388414	-2.57457
cg04263740	VKORC1L1	0.0450929	0.786089	0.885345	-1.1295	0.00333956	0.167283	-5.97789	0.655223	0.817756	-1.22286	0.514866	0.744051	-1.34399	0.0114122	0.242344	-4.12636
cg14294240	VLDLR;VLDLR	0.0287114	0.795418	1.04564	1.04564	0.0490972	1.47087	1.47087	0.060681	1.438	1.438	0.733252	1.06052	1.06052	0.011933	0.583394	-1.71411
cg05523047	VLDLR;VLDLR;FLJ35024	0.00651091	0.317066	0.928403	-1.07712	0.00195618	0.730151	-1.36958	0.237602	0.91497	-1.09293	0.125373	0.887681	-1.12653	0.0122836	1.25107	1.25107
cg05380558	VMAC;NDUFA11	0.00174258	0.000870244	0.329793	-3.03221	0.357482	1.23386	1.23386	0.0164978	1.91658	1.91658	0.445572	1.18848	1.18848	0.0430749	0.59637	-1.67681
cg22854549	VMAC;NDUFA11	0.0324516	0.658465	1.06153	1.06153	0.804859	1.03379	1.03379	0.212426	1.19279	1.19279	0.626977	1.06795	1.06795	0.205921	0.83602	-1.19614
cg04582374	VMAC;NDUFA11	0.0459989	0.308591	0.876039	-1.1415	0.316405	1.13892	1.13892	0.179254	1.19622	1.19622	0.0270648	0.719874	-1.38913	0.879431	1.01925	1.01925
cg24874612	VMO1;VMO1;VMO1;VMO1	0.00300148	0.00266884	0.292969	-3.41333	0.0785953	1.78151	1.78151	0.00180954	3.71082	3.71082	0.052844	1.91653	1.91653	0.00917789	0.376094	-2.65891
cg14629755	VMO1;VMO1;VMO1;VMO1	0.00377029	0.227619	0.656557	-1.5231	0.0782013	1.91561	1.91561	0.0155658	2.67917	2.67917	0.0244868	2.43581	2.43581	0.000740318	0.182282	-5.486
cg11032534	VMO1;VMO1;VMO1;VMO1	0.00377609	0.0196962	0.391206	-2.5562	0.423311	1.31319	1.31319	0.000672248	5.6574	5.6574	0.18251	1.60213	1.60213	0.0146472	0.367404	-2.7218
cg13170005	VMO1;VMO1;VMO1;VMO1	0.0078669	0.441252	0.692383	-1.44429	0.000851361	10.4495	10.4495	0.866433	1.08199	1.08199	0.0977236	2.34089	2.34089	0.101329	0.431784	-2.31597
cg24182328	VMO1;VMO1;VMO1;VMO1	0.011577	0.146063	0.473486	-2.11199	0.00192776	8.19038	8.19038	0.615258	1.2748	1.2748	0.762271	0.864715	-1.15645	0.0372638	0.314009	-3.18462
cg27453857	VMO1;VMO1;VMO1;VMO1	0.0116038	0.0379108	0.266777	-3.74845	0.0212185	4.57511	4.57511	0.00948231	6.07629	6.07629	0.108083	2.61805	2.61805	0.00550393	0.134888	-7.41358
cg08341874	VMO1;VMO1;VMO1;VMO1;VMO1;VMO1;VMO1;VMO1	0.00167442	0.0124106	0.312702	-3.19793	0.0105095	3.32933	3.32933	0.00858708	3.49803	3.49803	0.00671408	3.71814	3.71814	0.000871688	0.154813	-6.45942
cg10305410	VN1R1	0.0309265	0.0117507	0.172603	-5.79364	0.0332134	0.249199	-4.01286	0.041318	0.268827	-3.71987	0.504881	0.685439	-1.45892	0.00191013	0.085963	-11.6329
cg09486594	VN1R1	0.0439615	0.24113	1.21706	1.21706	0.0534746	0.703889	-1.42068	0.0154476	0.621452	-1.60914	0.807582	1.03984	1.03984	0.499114	0.895977	-1.1161
cg19554294	VN1R2	0.000618513	0.000850479	0.253094	-3.9511	0.00101183	0.262732	-3.80616	0.0177181	0.453653	-2.20433	0.104481	0.614857	-1.62639	0.0152528	0.441941	-2.26275
cg06325346	VN1R2	0.0162549	0.837061	1.01598	1.01598	0.0283016	0.819266	-1.2206	0.190069	0.89866	-1.11277	0.290459	0.919003	-1.08814	0.000446135	0.652765	-1.53194
cg24762029	VN1R2	0.0192852	0.106589	1.11551	1.11551	0.0253543	0.847978	-1.17928	0.162273	0.911592	-1.09698	0.240113	0.926534	-1.07929	0.00149444	0.752727	-1.3285
cg03213396	VN1R2	0.0218511	0.226972	0.626569	-1.59599	0.00337711	0.230111	-4.34574	0.157202	0.572621	-1.74635	0.475521	1.30659	1.30659	0.198406	0.605962	-1.65027
cg09235702	VN1R4	0.00597287	0.0107507	0.131481	-7.60567	0.00095882	0.044424	-22.5103	0.0590432	0.259365	-3.85558	0.150589	0.377069	-2.65203	0.00749465	0.113155	-8.83742
cg11791507	VN1R4	0.00745861	0.00159682	0.0759575	-13.1653	0.0141853	0.178678	-5.59665	0.0492853	0.278838	-3.58632	0.0252978	0.220123	-4.54292	0.0391352	0.25701	-3.8909
cg02459818	VN1R4	0.0114724	0.21846	0.548507	-1.82313	0.346418	0.637718	-1.56809	0.0420238	0.337211	-2.9655	0.273665	0.589478	-1.69642	0.002782	0.147607	-6.77474
cg02184413	VNN1	0.00471207	0.290841	0.53618	-1.86504	0.00135803	0.0710352	-14.0775	0.00154846	0.0751455	-13.3075	0.101413	0.360668	-2.77263	0.00285466	0.0968784	-10.3222
cg24964103	VNN1	0.0179367	0.155416	0.739449	-1.35236	0.586616	1.11518	1.11518	0.000757578	0.362857	-2.7559	0.0115856	0.534328	-1.87151	0.120323	0.715643	-1.39734
cg22618219	VNN1	0.0354527	0.625393	1.16896	1.16896	0.00549804	3.18391	3.18391	0.679521	1.14089	1.14089	0.873893	1.05169	1.05169	0.679733	1.14078	1.14078
cg25654653	VNN1	0.0356572	0.867224	0.934481	-1.07011	0.106463	0.489739	-2.0419	0.00449571	0.215703	-4.636	0.0131177	0.287705	-3.47579	0.0391502	0.380341	-2.62922
cg10044101	VNN2	0.0396393	0.0833975	0.35174	-2.84301	0.335971	0.582218	-1.71757	0.40585	0.628989	-1.58985	0.214285	0.490252	-2.03977	0.00159901	0.0846975	-11.8067
cg18493502	VNN2	0.0425559	0.117164	0.594857	-1.68108	0.432187	0.78298	-1.27717	0.0147011	0.3999	-2.50063	0.120797	0.598401	-1.67112	0.0322622	0.465209	-2.14957
cg25490477	VNN2;VNN2	0.00101298	0.523309	0.797391	-1.25409	0.177439	0.605498	-1.65153	0.00533693	0.27675	-3.61337	0.789244	0.910492	-1.09831	0.000758237	0.167501	-5.9701
cg22829706	VNN2;VNN2	0.00164938	0.00214795	0.35319	-2.83134	0.00105247	0.310292	-3.22277	0.0020452	0.35015	-2.85592	0.137209	1.47189	1.47189	0.00121453	0.318674	-3.138
cg00029928	VNN2;VNN2	0.0419351	0.253926	0.841522	-1.18832	0.00993312	0.623981	-1.60261	0.0213586	0.669936	-1.49268	0.177505	0.812569	-1.23066	0.549067	1.09177	1.09177
cg21949784	VNN3;VNN3	0.00163458	0.831456	0.965108	-1.03615	0.00237503	0.493589	-2.02598	5.21E-05	0.283459	-3.52784	0.699022	0.937312	-1.06688	0.636373	0.923711	-1.08259
cg22825487	VNN3;VNN3	0.0380095	0.00669729	0.230375	-4.34075	0.33366	1.51622	1.51622	0.026299	0.332902	-3.00389	0.0431339	0.378626	-2.64113	0.0401462	0.371644	-2.69075
cg11738162	VOPP1	0.00373395	0.000492906	0.0370039	-27.0242	?	?	?	0.197987	2.01572	2.01572	?	?	?	0.5111	0.713012	-1.4025
cg07459478	VOPP1	0.00443813	0.0289011	0.515025	-1.94165	0.0031541	0.353741	-2.82693	0.339481	1.28863	1.28863	0.508333	1.18867	1.18867	0.000985794	0.283244	-3.53052
cg13987029	VOPP1	0.00857207	0.517938	0.853029	-1.17229	0.00181662	0.341261	-2.93031	0.514865	1.1737	1.1737	0.095632	1.55882	1.55882	0.979142	0.99368	-1.00636
cg00513024	VOPP1	0.00954424	0.694288	1.04563	1.04563	0.410084	0.909225	-1.09984	0.605771	1.06058	1.06058	0.497988	0.925227	-1.08082	0.0773773	1.24831	1.24831
cg08352439	VOPP1	0.0100916	0.670474	1.13387	1.13387	0.739537	1.10289	1.10289	0.0917743	1.72445	1.72445	0.0396121	2.01076	2.01076	0.122287	0.61167	-1.63487
cg24529996	VOPP1	0.0307011	0.403117	1.15895	1.15895	0.0103055	1.74601	1.74601	0.32906	1.18967	1.18967	0.471475	0.881359	-1.13461	0.0437682	1.49124	1.49124
cg18439810	VOPP1	0.0364521	0.3342	0.822549	-1.21573	0.289594	1.24059	1.24059	0.537121	1.1304	1.1304	0.846052	1.03886	1.03886	0.00423456	0.471924	-2.11899
cg09286421	VOPP1	0.0370302	0.917291	1.02245	1.02245	0.738886	0.930998	-1.07412	0.168937	1.36787	1.36787	0.0845397	1.50348	1.50348	0.00349725	0.428803	-2.33207
cg01691182	VOPP1	0.0403378	0.0141022	0.30442	-3.28494	0.562908	0.794843	-1.25811	0.0418369	0.398184	-2.5114	0.00683542	0.252762	-3.95628	0.179154	0.571104	-1.751
cg08655844	VOPP1	0.0440526	0.313642	1.24716	1.24716	0.00256885	2.42559	2.42559	0.228302	1.30735	1.30735	0.419437	1.19106	1.19106	0.936933	0.983368	-1.01691
cg08337633	VOPP1	0.0479112	0.273027	0.688556	-1.45232	0.11066	1.76578	1.76578	0.286322	0.696149	-1.43647	0.0664034	0.50996	-1.96094	0.190493	0.635413	-1.57378
cg25444344	VOPP1	0.0481811	0.0806294	0.657412	-1.52112	0.667997	1.09791	1.09791	0.244136	1.30185	1.30185	0.012597	0.510899	-1.95734	0.301873	0.793308	-1.26055
cg20141549	VPRBP	0.000169254	0.0123931	0.803416	-1.24469	4.99E-05	0.585556	-1.70778	0.869044	0.988464	-1.01167	0.000228766	1.53797	1.53797	0.945967	0.995246	-1.00478
cg10205979	VPRBP	0.000635385	0.016775	0.676255	-1.47873	0.000378281	0.467082	-2.14095	0.00441278	0.600909	-1.66415	5.68E-05	0.367206	-2.72326	0.88227	0.980336	-1.02006
cg14692882	VPRBP	0.0164156	0.183791	0.662789	-1.50877	0.350838	0.755722	-1.32324	0.0425237	0.505983	-1.97635	0.934622	1.02422	1.02422	0.00184145	0.275238	-3.63322
cg01136848	VPRBP	0.0282218	0.997405	1.00213	1.00213	0.00186821	0.0558179	-17.9154	0.0928232	0.298382	-3.35141	0.137313	0.351128	-2.84796	0.068927	0.264167	-3.78548
cg18441959	VPREB1	0.000676498	0.000155415	0.231345	-4.32254	0.717265	0.921102	-1.08566	0.000951834	0.328582	-3.04338	0.915446	1.02429	1.02429	0.0275153	0.554813	-1.80241
cg25330366	VPREB1	0.00177834	0.610619	0.889876	-1.12375	0.00300634	0.396784	-2.52026	0.00137888	0.348514	-2.86933	0.252845	1.31174	1.31174	0.0121312	0.491456	-2.03477
cg03763796	VPREB1	0.0130386	0.123994	0.531378	-1.8819	0.331774	1.46238	1.46238	0.000424294	0.120165	-8.32192	0.459929	1.33053	1.33053	0.15435	0.560622	-1.78373
cg01891260	VPREB1	0.0281694	0.0695171	0.561049	-1.78238	0.333145	1.32869	1.32869	0.0373997	0.502771	-1.98898	0.838744	1.05972	1.05972	0.0929506	0.590847	-1.69249
cg26574610	VPREB3	0.0303908	0.846355	0.927753	-1.07787	0.140068	0.54136	-1.8472	0.217152	0.605362	-1.6519	0.357611	0.693712	-1.44152	0.163987	0.563218	-1.77551
cg19619653	VPS11	0.00303254	0.00631848	2.48765	2.48765	0.0434451	0.551483	-1.81329	0.167075	0.685592	-1.45859	0.0128876	2.2062	2.2062	0.105857	1.5725	1.5725
cg01985660	VPS11	0.00322467	0.187082	0.807075	-1.23904	0.428116	0.883376	-1.13202	0.107628	0.764036	-1.30884	5.97E-05	0.320538	-3.11976	0.925671	0.985799	-1.01441
cg27028414	VPS11	0.0100357	0.23014	0.640573	-1.5611	0.670294	0.859415	-1.16358	0.140832	1.75133	1.75133	0.00266916	0.230094	-4.34604	0.241393	0.648025	-1.54315
cg19795980	VPS11	0.0112986	0.00404895	1.29077	1.29077	0.425913	0.947655	-1.05524	0.533507	0.959155	-1.04258	0.119292	0.894234	-1.11828	0.00748383	1.25569	1.25569
cg10489786	VPS11	0.0164944	0.7145	1.03684	1.03684	0.0126663	1.3568	1.3568	0.00488147	1.44394	1.44394	0.658588	1.04476	1.04476	0.230218	1.13196	1.13196
cg15181248	VPS11	0.0233702	0.613841	1.11106	1.11106	0.573099	1.12508	1.12508	0.62078	1.10874	1.10874	0.149845	0.726461	-1.37654	0.000415632	0.313765	-3.1871
cg14445849	VPS13A;VPS13A;LOC100286938;VPS13A;VPS13A	0.0051151	0.86878	0.954413	-1.04776	0.260024	1.39312	1.39312	0.109532	1.63616	1.63616	0.0368347	0.504452	-1.98235	0.000135881	0.155102	-6.44737
cg09461494	VPS13B;VPS13B	1.46E-05	0.00244574	0.628218	-1.5918	3.95E-07	0.202332	-4.94236	1.33E-05	0.365603	-2.73521	0.408852	1.09762	1.09762	0.00225845	0.624239	-1.60195
cg18576301	VPS13B;VPS13B	1.54E-05	0.0143142	1.699	1.699	0.00145143	2.24211	2.24211	0.000370743	0.367918	-2.71799	0.0216945	0.616508	-1.62204	5.40E-07	0.0869098	-11.5062
cg08222943	VPS13B;VPS13B	0.00044156	0.0756029	1.31238	1.31238	0.000237633	0.43313	-2.30877	0.000366199	0.456335	-2.19138	0.420291	0.893	-1.11982	0.120742	0.793511	-1.26022
cg10187692	VPS13B;VPS13B	0.00146964	0.00964705	0.468745	-2.13336	0.0778931	1.57331	1.57331	0.0490019	0.594585	-1.68185	0.340463	0.796733	-1.25513	0.000101626	0.203395	-4.91655
cg15584486	VPS13B;VPS13B	0.00301861	0.00647986	0.338754	-2.952	0.0957992	1.74985	1.74985	0.465332	1.25515	1.25515	0.0182732	0.416394	-2.40157	0.00248757	0.276442	-3.6174
cg04552799	VPS13B;VPS13B	0.00350345	0.152883	1.16032	1.16032	0.0220722	0.765954	-1.30556	0.167616	0.866877	-1.15357	0.38136	0.916487	-1.09112	0.889504	0.986589	-1.01359
cg00451651	VPS13B;VPS13B	0.00420281	0.137679	0.557584	-1.79345	0.00619407	0.271365	-3.68508	0.00408045	0.244539	-4.08932	0.0677786	0.473507	-2.1119	0.00388256	0.241476	-4.14121
cg20498482	VPS13B;VPS13B	0.0052018	0.0426045	0.577018	-1.73305	0.0797416	0.632526	-1.58096	0.00532556	0.42111	-2.37467	0.970527	1.00874	1.00874	0.000418846	0.267797	-3.73417
cg15324723	VPS13B;VPS13B	0.0067241	0.0389591	0.618392	-1.6171	0.027326	0.591498	-1.69062	0.848961	0.962385	-1.03909	0.00883169	0.511514	-1.95498	0.0394051	0.619273	-1.6148
cg06258648	VPS13B;VPS13B	0.0137168	0.0575437	0.662148	-1.51024	0.0029064	2.19361	2.19361	0.00853891	1.90435	1.90435	0.595708	0.902319	-1.10826	0.0616264	0.667586	-1.49794
cg23159157	VPS13B;VPS13B	0.0236408	0.667275	0.922264	-1.08429	0.00427926	0.48917	-2.04428	0.0165798	0.578365	-1.72901	0.512126	0.883024	-1.13247	?	?	?
cg13615027	VPS13B;VPS13B	0.0329548	0.100764	0.415046	-2.40937	0.00232281	0.124837	-8.01042	0.0514303	0.337956	-2.95897	0.141123	0.461039	-2.16902	0.0176638	0.243687	-4.10362
cg14537031	VPS13B;VPS13B	0.036352	0.0156921	0.399873	-2.50079	0.0295249	0.452384	-2.21051	0.0426768	0.485667	-2.05903	0.375365	0.754573	-1.32525	0.144894	0.61594	-1.62354
cg04175786	VPS13B;VPS13B;VPS13B	0.0335995	0.204658	0.67406	-1.48355	0.0726064	1.80455	1.80455	0.121394	0.609627	-1.64035	0.458431	0.800518	-1.24919	0.00862279	0.372669	-2.68335
cg09704152	VPS13B;VPS13B;VPS13B;VPS13B	3.55E-05	4.92E-05	1.83013	1.83013	0.0596106	0.844963	-1.18348	0.00914153	0.769223	-1.30001	0.0493415	1.19455	1.19455	0.124879	0.876651	-1.1407
cg20516737	VPS13B;VPS13B;VPS13B;VPS13B	0.000351272	0.000390945	0.765222	-1.30681	0.0582266	0.903628	-1.10665	0.0451557	0.896898	-1.11495	0.0179726	0.872741	-1.14582	0.5416	1.02969	1.02969
cg05586662	VPS13B;VPS13B;VPS13B;VPS13B	0.00174979	0.00611817	0.290908	-3.43752	0.00233163	0.230633	-4.33589	0.948	1.02276	1.02276	0.0262152	2.48459	2.48459	0.00867379	0.315195	-3.17264
cg06070421	VPS13B;VPS13B;VPS13B;VPS13B	0.0145811	0.236198	0.800332	-1.24948	0.0528841	1.48411	1.48411	0.161034	1.30817	1.30817	0.0217866	0.610141	-1.63897	0.00112002	0.422734	-2.36555
cg00361380	VPS13C;VPS13C	0.000900579	0.687064	1.07354	1.07354	0.00745585	0.54676	-1.82896	0.000123017	0.309154	-3.23463	0.735136	1.0613	1.0613	0.000215026	0.338742	-2.9521
cg13716825	VPS13C;VPS13C;VPS13C;VPS13C	0.032657	0.778847	1.02484	1.02484	0.263539	1.10694	1.10694	0.0479017	1.21792	1.21792	0.0494812	1.21578	1.21578	0.0698324	0.838016	-1.19329
cg24602020	VPS13D;SNORA59A;VPS13D;SNORA59B	0.0330264	0.147553	0.758741	-1.31797	0.619895	0.914993	-1.0929	0.17243	0.772573	-1.29438	0.589376	0.90772	-1.10166	0.12006	0.74109	-1.34936
cg04875041	VPS13D;VPS13D	9.88E-05	0.846294	0.975387	-1.02523	0.00507027	0.621409	-1.60925	0.185294	1.19767	1.19767	0.671288	0.946661	-1.05634	1.47E-06	0.208301	-4.80075

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11973177	0.976617	0.989087	-1.01103	0.70484	0.867212	-1.15312	0.932506	1.03222	1.03222	0.133651	1.83242	1.83242	3.862	8.57266	1.97311	1
cg06460869	0.937208	0.939196	-1.06474	0.603301	0.658749	-1.51803	0.556024	1.60659	1.60659	0.164549	0.307072	-3.25656	3.64316	36.5758	8.92409	1
cg00146951	0.229584	1.36445	1.36445	0.160056	0.690736	-1.44773	0.173024	1.42963	1.42963	0.95346	0.985716	-1.01449	4.08314	3.92932	0.855402	1
cg08918274	0.182094	2.35514	2.35514	0.820011	0.871235	-1.1478	0.132207	2.67164	2.67164	0.978872	1.01615	1.01615	4.07269	23.5968	5.15013	1
cg22694480	0.00614832	0.546998	-1.82816	1.08E-08	0.0208343	-47.9977	0.0134716	0.59671	-1.67586	0.700884	1.06731	1.06731	65.1351	29.3872	0.401043	1
cg09384400	4.36E-05	0.377644	-2.648	0.260836	1.15865	1.15865	0.470811	0.911998	-1.09649	0.0015971	0.566277	-1.76592	33.208	8.29241	0.221965	1
cg10970409	0.796112	0.977857	-1.02264	3.32E-05	0.498341	-2.00666	0.000151297	1.75476	1.75476	0.131764	0.86876	-1.15107	16.6615	1.97341	0.105281	1
cg09996971	0.0574131	0.681722	-1.46687	0.380355	1.174	1.174	0.0036053	0.49536	-2.01873	0.00669458	0.534174	-1.87205	16.562	8.33587	0.44739	1
cg27309542	0.000670395	0.507497	-1.97046	0.214382	0.843349	-1.18575	0.354569	1.13217	1.13217	0.0331092	1.38363	1.38363	7.93002	2.13363	0.239162	1
cg01919863	0.00239757	0.72964	-1.37054	0.00446588	1.3265	1.3265	0.0570271	0.851762	-1.17404	0.0875438	0.868899	-1.15088	7.59918	0.668164	0.0781562	1
cg02061253	0.0994453	0.685668	-1.45843	0.499467	0.866535	-1.15402	0.029897	0.586317	-1.70556	0.0645393	0.647972	-1.54328	3.85413	2.66546	0.614741	1
cg23517013	0.140247	2.40974	2.40974	0.00318127	9.32741	9.32741	0.00701805	6.90463	6.90463	0.0419917	3.66552	3.66552	3.82291	18.6026	4.32539	1
cg12257156	3.78E-05	8.87119	8.87119	2.72E-06	22.4133	22.4133	8.51E-06	14.4852	14.4852	7.00E-05	7.40966	7.40966	43.3794	52.2966	1.07161	1
cg01979481	0.92437	0.990223	-1.00987	2.73E-06	0.311743	-3.20777	0.348196	0.904895	-1.1051	0.0986635	1.20607	1.20607	25.6858	4.35544	0.150726	1
cg06252875	0.00148663	1.54706	1.54706	1.75E-05	2.30996	2.30996	0.045574	0.803882	-1.24396	0.487706	0.935069	-1.06944	17.5084	2.5142	0.127644	1
cg08614290	0.00204394	0.36948	-2.70651	9.64E-05	0.204097	-4.89963	0.811405	1.05629	1.05629	0.0384456	1.7322	1.7322	17.0352	14.158	0.738757	1
cg18278817	0.368248	0.70988	-1.40869	0.21331	1.62566	1.62566	0.859939	0.936613	-1.06768	0.761383	0.893219	-1.11955	13.0986	28.5187	1.93532	1
cg27524080	0.00198341	4.9377	4.9377	0.000379952	7.96469	7.96469	0.00663604	3.6253	3.6253	0.090063	1.97969	1.97969	12.4669	26.3849	1.88124	1
cg13336326	0.228033	1.38761	1.38761	0.645132	1.12757	1.12757	0.0424149	1.83145	1.83145	0.01586	0.465358	-2.14888	10.3657	11.0042	0.943642	1
cg02189017	0.00096278	0.477281	-2.0952	0.025193	0.669959	-1.49263	0.500309	1.10842	1.10842	0.0612144	0.728055	-1.37352	10.315	3.69844	0.318711	1
cg25899922	0.00934106	0.406455	-2.4603	0.00383217	0.344915	-2.89927	0.118772	0.629772	-1.58788	0.0221529	0.472828	-2.11493	10.2541	12.1107	1.04984	1
cg03880407	0.00032775	3.04577	3.04577	0.00895397	1.89266	1.89266	0.000756989	2.66409	2.66409	0.200327	1.2964	1.2964	9.36755	5.46356	0.518438	1
cg01290718	0.00259173	0.422028	-2.36951	0.302318	0.801853	-1.24711	0.561001	0.885606	-1.12917	0.89839	0.973943	-1.02675	8.9922	6.08257	0.601268	1
cg11697660	0.0783594	0.446979	-2.23724	0.00055076	0.109805	-9.10707	0.843949	1.08454	1.08454	0.154768	0.534126	-1.87222	7.81964	21.001	2.38726	1
cg14073571	0.0254261	3.57234	3.57234	0.00471565	6.04788	6.04788	0.0129798	4.38321	4.38321	0.121455	2.23624	2.23624	7.23159	26.3141	3.23446	1
cg15652683	0.0298788	1.26701	1.26701	0.0169546	1.30957	1.30957	0.0423011	1.24186	1.24186	0.108703	0.850413	-1.1759	6.81749	0.926125	0.120751	1
cg09909417	0.0682251	0.260168	-3.84367	0.00176868	0.0469681	-21.291	0.0939873	0.297989	-3.35583	0.00841159	0.103473	-9.66435	7.84565	51.0511	5.06095	1
cg05144285	0.0307487	0.238437	-4.19398	0.00641114	0.134833	-7.41661	0.00547893	0.126994	-7.8744	0.125618	0.392001	-2.55101	6.18766	31.2844	4.49416	1
cg18339298	0.0890357	0.708156	-1.41212	0.00160588	2.29925	2.29925	0.295536	0.819058	-1.22092	0.0739454	0.693172	-1.44264	5.72015	3.06735	0.476653	1
cg21038156	?	?	?	0.0108119	5.06657	5.06657	0.945527	0.967165	-1.03395	0.588284	1.3066	1.3066	6.58353	16.2447	2.87872	1
cg10704491	0.0316109	0.370102	-2.70195	0.00865607	0.267131	-3.74349	0.520806	0.773595	-1.29267	0.25244	0.624068	-1.60239	5.4583	13.4477	2.18998	1
cg18425653	0.103917	0.674862	-1.48178	0.464431	1.17901	1.17901	0.967916	1.00894	1.00894	0.0262499	0.55819	-1.7915	5.43254	4.20852	0.68861	1
cg05371552	0.101778	2.71391	2.71391	0.0019323	11.5372	11.5372	0.0280704	4.24623	4.24623	0.309355	1.79748	1.79748	5.13722	25.2771	4.37368	1
cg22751848	0.018783	0.237326	-4.21362	0.00391932	0.140672	-7.10872	0.136602	0.444779	-2.24831	0.176749	0.48412	-2.0656	4.87294	19.697	3.59299	1
cg05554000	0.491216	0.688658	-1.4521	0.00464437	0.13417	-7.45323	0.963725	1.02456	1.02456	0.320908	0.578613	-1.72827	4.5175	20.363	4.00675	1
cg16215071	0.760535	1.05273	1.05273	0.00078108	2.34921	2.34921	0.980363	1.00415	1.00415	0.516282	1.11698	1.11698	3.94604	1.76581	0.397767	1
cg06878663	0.109891	0.680311	-1.46992	0.265836	0.773914	-1.29213	0.21035	0.746941	-1.33879	0.493803	0.857614	-1.16603	3.89383	3.01317	0.68785	1
cg02884053	0.495962	1.09026	1.09026	0.0237046	1.40148	1.40148	0.286562	1.14835	1.14835	0.0275485	0.721985	-1.38507	3.77755	0.93477	0.219959	1
cg12009398	0.290405	1.46736	1.46736	0.0744137	2.00309	2.00309	0.00818511	3.26277	3.26277	0.212427	0.631914	-1.58249	3.77503	7.30274	1.71954	1
cg10764907	0.210466	0.821353	-1.2175	0.00675733	1.68817	1.68817	0.224845	1.20941	1.20941	0.114993	1.29124	1.29124	3.6666	1.29162	0.313126	1
cg18048071	0.580772	1.19932	1.19932	0.00508068	3.34281	3.34281	0.133175	1.69532	1.69532	0.823201	0.929678	-1.07564	3.64577	6.13042	1.49468	1
cg23058037	0.0344621	5.31659	5.31659	0.019839	6.72153	6.72153	0.425087	1.73641	1.73641	0.441897	1.701	1.701	3.55384	25.8317	6.46103	1
cg12906589	0.11169	0.767603	-1.30276	0.040379	1.43547	1.43547	0.441184	0.887001	-1.12739	0.596737	0.921713	-1.08494	3.43615	1.26847	0.328137	1
cg06281904	8.71E-06	0.622755	-1.60577	9.62E-07	1.8836	1.8836	0.000149263	0.72655	-1.37637	0.0419837	0.89145	-1.12177	67.7414	2.57913	0.0338429	1
cg24169771	0.00158181	0.324066	-3.08579	0.000115168	0.186368	-5.36573	0.583133	0.871375	-1.14761	0.0115771	0.456479	-2.19068	15.1805	14.8362	0.868726	1
cg09154591	0.190912	0.8301	-1.20467	0.0495289	0.739844	-1.35164	0.0744803	0.765525	-1.30629	0.0153634	0.670317	-1.49183	10.4153	2.98226	0.25452	1
cg14974056	0.183873	1.31697	1.31697	0.656524	1.09135	1.09135	0.554818	1.12374	1.12374	0.0125803	0.545501	-1.83318	6.82836	4.12487	0.536959	1
cg13898875	0.0143853	0.633973	-1.57735	0.0953712	0.758225	-1.31887	0.0665362	1.36452	1.36452	0.0690703	0.73544	-1.35973	5.7266	2.06962	0.321248	1
cg04200835	0.251303	1.57945	1.57945	0.503991	1.29361	1.29361	0.373417	1.41553	1.41553	0.512992	0.77736	-1.28641	8.70121	19.3572	1.73029	1
cg22062239	0.146998	1.17918	1.17918	0.00130994	0.609308	-1.64121	0.318745	0.896619	-1.1153	0.440898	1.08679	1.08679	5.43964	0.966164	0.15788	1
cg01305745	0.0521471	0.414872	-2.41038	0.00199334	0.1758	-5.68828	0.677909	1.18098	1.18098	0.00177183	0.169824	-5.88844	4.96531	12.4744	2.23316	1
cg09155044	0.288426	0.72527	-1.3788	0.00753862	0.367104	-2.72402	0.0549151	0.530219	-1.88601	0.00290611	0.303363	-3.29638	3.52614	4.74415	1.19593	1
cg12711054	0.0062995	0.228542	-4.37556	0.000477957	0.10288	-9.72011	0.0656317	0.424416	-2.35618	0.0184612	0.305564	-3.27264	8.47544	23.0992	2.42261	1
cg16760382	0.370789	0.847118	-1.18047	0.855249	0.96757	-1.03352	0.936799	0.985785	-1.01442	0.157371	0.761111	-1.31387	6.46423	3.3368	0.458839	1
cg20836212	0.0308398	0.502175	-1.99134	0.427517	0.802462	-1.24616	0.375695	1.28015	1.28015	0.124623	0.636576	-1.5709	5.12982	5.99574	1.03893	1
cg23090159	0.0197143	0.496207	-2.01529	0.0276278	0.523107	-1.91166	0.0397888	1.80653	1.80653	0.329042	0.778302	-1.28485	4.71624	4.62411	0.871524	1
cg04263740	0.0334797	0.328851	-3.04089	0.170194	0.519989	-1.92312	0.694281	0.837915	-1.19344	0.643245	1.2322	1.2322	3.52281	11.1811	2.82126	1
cg14294240	0.792986	1.04621	1.04621	0.00781386	1.79767	1.79767	0.0957198	1.36933	1.36933	0.434481	1.1468	1.1468	4.15088	1.93964	0.415363	1
cg05523047	0.620759	1.03647	1.03647	0.00443579	0.761315	-1.31352	0.544766	0.956928	-1.04501	0.0528993	1.1712	1.1712	6.76585	0.552839	0.0726313	1
cg05380558	0.875158	1.03553	1.03553	0.000344983	3.59297	3.59297	0.761913	0.934748	-1.06981	0.127419	0.693466	-1.44203	10.0356	7.83814	0.694249	1
cg22854549	0.892746	0.982055	-1.01827	0.00391542	0.593794	-1.68409	0.00588923	0.616495	-1.62207	0.674596	1.05832	1.05832	3.97388	1.13401	0.253659	1
cg04582374	0.326708	0.880591	-1.1356	0.124106	0.811289	-1.23261	0.0836296	0.786263	-1.27184	0.00614725	0.638315	-1.56663	3.49662	0.873432	0.222038	1
cg24874612	0.0672999	1.83322	1.83322	0.742022	0.906973	-1.10257	0.310653	0.733387	-1.36354	0.0740345	1.80128	1.80128	8.5569	11.8412	1.23006	1
cg14629755	0.104058	0.554104	-1.80471	0.469081	0.782942	-1.27723	0.564585	0.824104	-1.21344	0.0140696	2.73736	2.73736	7.9935	13.9716	1.55366	1
cg11032534	0.120884	0.57099	-1.75134	0.0136875	0.362123	-2.76149	0.462775	0.779567	-1.28276	0.206574	1.55865	1.55865	7.98981	14.0454	1.56259	1
cg13170005	0.16314	0.49816	-2.00739	0.252601	0.571543	-1.74965	0.00548365	5.52628	5.52628	0.493813	0.722316	-1.38444	6.37771	22.1357	3.08514	1
cg24182328	0.111413	0.435725	-2.29502	0.231682	0.548255	-1.82397	0.013507	4.32682	4.32682	0.312832	0.606422	-1.64902	5.63867	20.499	3.2315	1
cg27453857	0.60075	1.33625	1.33625	0.398943	0.622467	-1.60651	0.784057	0.860023	-1.16276	0.254568	1.92141	1.92141	5.63446	26.8923	4.24251	1
cg08341874	0.624309	1.20249	1.20249	0.0372023	0.405134	-2.46832	0.694502	0.862903	-1.15888	0.141334	1.80557	1.80557	10.1522	22.4375	1.96454	1
cg10305410	0.335992	0.574783	-1.73979	0.0924284	0.35568	-2.81152	0.616424	0.754341	-1.32566	0.116976	0.386521	-2.58718	4.04285	19.9497	4.38628	1
cg09486594	0.0712132	1.38072	1.38072	0.348365	1.16715	1.16715	0.0437069	0.689917	-1.44945	0.135122	0.772704	-1.29416	3.55643	1.44358	0.360806	1
cg19554294	0.143468	0.649959	-1.53856	2.03E-05	0.0942463	-10.6105	0.696082	0.898001	-1.11358	0.00822142	0.395918	-2.52578	13.4692	16.0227	1.05741	1
cg06325346	0.168286	0.893115	-1.11968	0.23742	1.09998	1.09998	0.732861	1.02673	1.02673	0.924898	0.992767	-1.00729	5.04439	0.473574	0.0834502	1
cg24762029	0.086899	0.889323	-1.12445	0.50232	0.958641	-1.04314	0.0589514	0.876067	-1.14147	0.037756	0.861153	-1.16123	4.76299	0.29033	0.0541825	1
cg03213396	0.154306	1.75416	1.75416	0.7046	1.15071	1.15071	0.120012	1.86194	1.86194	0.0116253	0.312702	-3.19793	4.56456	9.81964	1.91225	1
cg09235702	0.014758	0.14964	-6.68269	0.00168197	0.0582787	-17.1589	0.0128378	0.141397	-7.0723	0.0850023	0.299499	-3.3389	6.94887	44.1036	5.64166	1
cg11791507	0.0633648	0.304748	-3.2814	0.756667	0.837868	-1.19351	0.000956942	0.0607826	-16.4521	0.0203538	0.203632	-4.91082	6.48524	33.269	4.55997	1
cg02459818	0.0351677	0.320323	-3.12185	0.000654714	0.0886314	-11.2827	0.0222178	0.280348	-3.56699	0.314528	0.617204	-1.62021	5.65525	19.2799	3.03041	1
cg02184413	0.147314	0.41306	-2.42096	0.00157197	0.0756293	-13.2224	0.0823564	0.334808	-2.98678	0.0352402	0.247961	-4.0329	7.47245	38.2638	4.55169	1
cg24964103	0.703715	0.926937	-1.07882	0.825741	0.957162	-1.04476	0.186385	0.757185	-1.32068	0.0262536	0.592474	-1.68784	4.8809	3.04777	0.555046	1
cg22618219	0.00935878	0.351469	-2.8452	0.0825701	1.84053	1.84053	0.306059	1.39968	1.39968	0.452159	0.784249	-1.27511	3.84917	6.13721	1.41727	1
cg25654653	0.0831578	0.459847	-2.17464	0.0352774	0.370491	-2.69912	0.756248	1.1344	1.1344	0.138511	0.524218	-1.9076	3.84115	9.97756	2.30893	1
cg10044101	0.292455	0.551297	-1.8139	0.0100603	0.170171	-5.87644	0.721433	0.822678	-1.21554	0.120449	0.399197	-2.50503	3.69544	17.3971	4.18465	1
cg18493502	0.119932	0.597565	-1.67346	0.591577	0.847635	-1.17975	0.19776	1.51512	1.51512	0.00799643	0.35437	-2.82191	3.59972	5.31043	1.31132	1
cg25490477	0.303802	0.688814	-1.45177	2.94E-05	0.0568657	-17.5853	0.742969	0.891208	-1.12207	0.00955611	0.317046	-3.15412	11.7236	22.7477	1.72474	1
cg22829706	0.00179201	0.342023	-2.92378	0.103564	0.650601	-1.53704	0.316571	0.77879	-1.28404	0.0298332	0.539427	-1.85382	10.1965	9.41567	0.820817	1
cg00029928	0.087294	1.31444	1.31444	0.557952	1.0896	1.0896	0.0884963	0.761727	-1.31281	0.481895	1.10907	1.10907	3.6194	1.20234	0.295284	1
cg21949784	0.0587504	0.700656	-1.42723	0.026652	1.54914	1.54914	0.244165	0.816252	-1.22511	0.265434	0.824168	-1.21335	10.2231	4.4956	0.390888	1
cg22825487	0.443386	1.38568	1.38568	0.180851	0.552646	-1.80948	0.189316	0.559685	-1.78672	0.116779	0.491019	-2.03658	3.75279	10.3552	2.45274	1
cg11738162	?	?	?	?	?	?	?	?	?	0.443804	1.48729	1.48729	13.4531	22.9921	2.56358	1
cg07459478	0.0349958	0.5311	-1.88288	0.972979	1.00876	1.00876	0.00281073	0.346365	-2.88713	0.0295676	0.516918	-1.93454	7.60961	7.99587	0.934009	1
cg13987029	0.023805	1.92364	1.92364	0.00484462	2.47462	2.47462	0.0723794	1.62621	1.62621	0.513571	1.1743	1.1743	6.20743	5.78213	0.827987	1
cg00513024	0.733942	1.03929	1.03929	0.000380732	1.89844	1.89844	0.186589	0.853712	-1.17136	0.0296722	0.7489	-1.33529	5.9993	1.2125	0.17965	1
cg08352439	0.00291137	3.32314	3.32314	0.116332	1.65021	1.65021	0.00224007	3.51203	3.51203	0.144856	0.631522	-1.58348	5.8934	8.04201	1.21296	1
cg24529996	0.374559	1.17016	1.17016	0.102559	0.734916	-1.3607	0.0621882	0.696289	-1.43619	0.0611794	0.695069	-1.43871	4.0534	1.90836	0.418494	1
cg18439810	0.12707	1.38216	1.38216	0.85806	1.03574	1.03574	0.438057	0.856293	-1.16782	0.0123416	0.542773	-1.84239	3.81051	2.32155	0.541554	1
cg09286421	0.701011	1.08595	1.08595	0.898869	0.973191	-1.02755	0.139699	1.40448	1.40448	0.0578074	0.632271	-1.5816	3.78874	2.74103	0.643083	1
cg01691182	0.220429	0.603056	-1.65822	0.0118493	0.29131	-3.43276	0.191562	0.581145	-1.72074	0.0469777	0.409595	-2.44144	3.67174	8.96132	2.16944	1
cg08655844	0.0200649	1.81225	1.81225	0.597275	1.11963	1.11963	0.403123	0.834155	-1.19882	0.0442373	1.63203	1.63203	3.55368	2.52822	0.632389	1
cg08337633	0.228173	1.51247	1.51247	0.0237381	2.41812	2.41812	0.183982	1.58571	1.58571	0.0848107	0.536095	-1.86534	3.44338	5.83522	1.50633	1
cg25444344	0.151392	0.71693	-1.39484	0.297652	1.26329	1.26329	0.410825	0.833551	-1.19969	0.0110383	0.501531	-1.9939	3.43607	2.55022	0.659725	1
cg20141549	0.00639233	0.779188	-1.28339	0.0700076	0.867236	-1.15309	0.000835437	1.42406	1.42406	0.531267	1.0456	1.0456	19.2202	1.50505	0.0696051	1
cg10205979	0.917917	0.986279	-1.01391	0.0164946	1.48086	1.48086	0.328462	0.873561	-1.14474	0.72193	0.953238	-1.04906	13.3683	3.80283	0.252858	1
cg14692882	0.141052	0.630188	-1.58683	0.00294217	0.303872	-3.29086	0.0186572	0.435321	-2.29715	0.0582117	0.535599	-1.86707	5.02787	6.77461	1.1977	1
cg01136848	0.152495	0.367055	-2.72439	0.0110338	0.124313	-8.04421	0.0351622	0.20094	-4.97661	0.083289	0.2854	-3.50385	4.17616	28.2879	6.02103	1
cg18441959	0.0104602	0.482711	-2.07163	0.000139703	0.226147	-4.42191	0.00146522	0.354124	-2.82387	0.0441763	0.593044	-1.68621	13.136	10.6255	0.719007	1
cg25330366	0.925982	0.97911	-1.02134	0.243589	0.757899	-1.31944	0.000192507	0.240136	-4.16431	0.00550681	0.436467	-2.29112	9.97674	8.15652	0.726714	1
cg03763796	0.19335	0.593071	-1.68614	0.174452	0.577931	-1.73031	0.0385324	0.402617	-2.48375	0.0411154	0.408826	-2.44603	5.42489	12.3781	2.02821	1
cg01891260	0.0234572	2.16104	2.16104	0.0160375	0.432104	-2.31426	0.0857661	0.582411	-1.717	0.60659	1.15936	1.15936	4.17889	5.36368	1.1409	1
cg26574610	0.263897	1.56858	1.56858	0.00137107	0.166123	-6.01962	0.21048	0.600452	-1.66541	0.0158924	0.319307	-3.13178	4.06808	9.62711	2.10356	1
cg19619653	0.320044	1.30124	1.30124	0.74725	0.920476	-1.08639	0.000449235	0.242134	-4.12995	0.590723	0.870114	-1.14927	8.53078	8.87325	0.924574	1
cg01985660	0.444476	1.12692	1.12692	0.0740111	1.35689	1.35689	0.106378	0.763171	-1.31032	0.473443	1.11824	1.11824	8.37626	3.11687	0.330762	1
cg27028414	0.000511976	0.146733	-6.81509	0.630641	0.842496	-1.18695	0.34237	0.707458	-1.41351	0.850056	0.935241	-1.06924	5.90389	11.702	1.76185	1
cg19795980	0.00516045	1.27662	1.27662	0.0862107	1.13355	1.13355	0.288961	1.07551	1.07551	0.117159	1.11913	1.11913	5.68321	0.393605	0.0615622	1
cg10489786	0.501897	1.06941	1.06941	0.00601027	1.424	1.424	0.743246	0.968153	-1.03289	0.00415008	1.4599	1.4599	5.01985	0.770827	0.136494	1
cg15181248	0.207658	0.759564	-1.31655	0.84823	0.961119	-1.04045	0.558674	0.884782	-1.13022	0.692412	1.08578	1.08578	4.46022	3.02649	0.603156	1
cg14445849	0.93039	1.02496	1.02496	0.0745973	0.570933	-1.75152	0.525894	0.834127	-1.19886	0.417834	1.26318	1.26318	7.28775	9.19118	1.12105	1
cg09461494	0.245927	0.874763	-1.14317	0.0774165	1.24166	1.24166	0.615568	0.945705	-1.05741	0.0280407	0.751167	-1.33126	36.7412	7.07451	0.171155	1
cg18576301	0.00224399	0.471965	-2.1188	0.000415028	0.374186	-2.67247	0.112229	0.738234	-1.35458	0.180821	0.779294	-1.28321	36.2589	17.6874	0.433607	1
cg08222943	0.321012	0.868555	-1.15134	0.00036525	2.19205	2.19205	0.723566	1.05002	1.05002	0.0241559	0.691073	-1.44703	14.791	4.42531	0.265947	1
cg10187692	0.239536	0.752099	-1.32961	0.00063751	0.29726	-3.36406	0.480776	1.18031	1.18031	0.221592	0.742909	-1.34606	10.5414	8.93281	0.753244	1
cg15584486	0.0189441	0.419314	-2.38485	0.00162812	0.251383	-3.97799	0.0584362	1.92319	1.92319	0.409554	0.772627	-1.29429	8.54245	12.6562	1.31695	1
cg04552799	0.00287674	1.48915	1.48915	0.00031757	1.76188	1.76188	0.742432	1.03255	1.03255	0.556775	0.943908	-1.05943	8.17139	1.22091	0.132811	1
cg00451651	0.0192643	0.355417	-2.8136	0.00961183	0.30186	-3.31279	0.00346259	0.234523	-4.26397	0.000863439	0.160811	-6.21847	7.73614	16.3588	1.87964	1
cg20498482	0.274323	0.764961	-1.30726	0.0195087	0.514285	-1.94445	0.106433	1.51476	1.51476	0.0203869	0.517667	-1.93174	7.25038	6.37124	0.781107	1
cg15324723	0.0134717	0.540542	-1.85	0.00239967	2.34105	2.34105	0.948916	0.987198	-1.01297	0.641714	0.910069	-1.09882	6.69847	4.2903	0.569324	1
cg06258648	0.777094	1.05599	1.05599	0.673405	1.08477	1.08477	0.164858	0.752459	-1.32898	0.368161	0.83742	-1.19414	5.33557	3.11349	0.518697	1
cg23159157	0.205332	1.28405	1.28405	0.0706396	1.45937	1.45937	0.575038	0.899434	-1.11181	0.0938998	0.708459	-1.41151	4.52085	2.22827	0.492887	1
cg13615027	0.0915259	0.402927	-2.48184	0.0418924	0.31754	-3.14921	0.032332	0.293466	-3.40755	0.23211	0.541687	-1.84609	3.952	14.9794	3.36919	1
cg14537031	0.269128	0.700321	-1.42792	0.00476179	0.313462	-3.19018	0.190744	0.651272	-1.53546	0.0144659	0.393485	-2.54139	3.81432	5.78744	1.34871	1
cg04175786	0.0481608	0.513996	-1.94554	0.0302542	0.472005	-2.11862	0.937196	1.0235	1.0235	0.0316155	0.475841	-2.10154	3.92456	5.3983	1.22268	1
cg09704152	0.597626	0.958669	-1.04311	3.56E-06	2.36843	2.36843	0.00326232	0.727728	-1.37414	0.0210007	0.802499	-1.24611	29.1327	2.89745	0.0884061	1
cg20516737	0.646997	0.978407	-1.02207	0.00320542	1.20982	1.20982	0.985523	1.00086	1.00086	6.79E-05	1.41217	1.41217	15.7535	0.559247	0.0315554	1
cg05586662	0.0932297	0.528741	-1.89128	0.00190807	0.219275	-4.56049	0.00326826	0.250648	-3.98966	0.00250545	0.234801	-4.25893	10.0237	18.9079	1.67674	1
cg06070421	0.430026	0.865417	-1.15551	0.774709	0.949809	-1.05284	0.306242	1.20935	1.20935	0.825176	1.0405	1.0405	5.22939	2.66677	0.453295	1
cg00361380	0.0327987	0.645607	-1.54893	0.342312	1.18701	1.18701	0.726237	0.940263	-1.06353	0.00400662	0.507835	-1.96914	12.1205	5.89394	0.432248	1
cg13716825	0.0213197	0.785691	-1.27276	0.263959	1.10683	1.10683	0.047953	1.21785	1.21785	0.144358	1.14646	1.14646	3.9649	0.477117	0.106965	1
cg24602020	0.965982	0.992451	-1.00761	0.00173702	2.21127	2.21127	0.646377	0.921198	-1.08554	0.13412	0.750483	-1.33247	3.94892	1.97442	0.444435	1
cg04875041	0.689998	1.05283	1.05283	0.0183568	1.44406	1.44406	0.225565	0.849231	-1.17754	0.0190837	0.694684	-1.4395	22.2094	5.79989	0.23213	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21686632	VPS13D;VPS13D	0.000642982	0.000766176	0.2439	-4.10004	0.00201294	0.29926	-3.34158	0.000247445	0.187234	-5.34091	0.224987	0.70269	-1.4231	0.00113616	0.265695	-3.76371	0.000692223	0.238458	-4.19362	0.00654027	0.376009	-2.65951	0.163216	1.50988	1.50988	0.0089641	0.398429	-2.50986	13.324	16.1751	1.0791	1
cg17184255	VPS13D;VPS13D	0.00280377	0.716838	0.925949	-1.07997	0.187471	0.744476	-1.34323	0.00364699	0.435769	-2.29479	0.0215573	0.558228	-1.79138	0.144536	1.39243	1.39243	0.554424	0.881347	-1.13463	8.28E-05	0.223724	-4.4698	0.0600068	0.6388	-1.56544	0.213227	0.758149	-1.319	8.73149	6.16983	0.628105	1
cg05654304	VPS13D;VPS13D	0.0100394	0.0399816	0.337975	-2.9588	0.00381762	0.168232	-5.94416	0.0163819	0.261664	-3.82169	0.0271467	0.302685	-3.30376	0.0297874	0.310819	-3.21731	0.302231	0.613623	-1.62967	0.00148065	0.123016	-8.12904	0.00652603	0.198872	-5.02835	0.116059	0.45819	-2.1825	5.90319	19.5223	2.93962	1
cg06188268	VPS13D;VPS13D	0.0109098	0.563916	0.908903	-1.10023	0.294604	0.83696	-1.1948	0.00759684	1.75438	1.75438	0.160975	1.27782	1.27782	0.00747999	0.569042	-1.75734	0.00623586	0.557826	-1.79267	0.0959811	1.34897	1.34897	0.578685	0.912246	-1.0962	0.471235	0.886921	-1.1275	5.74775	2.44043	0.377413	1
cg10622644	VPS13D;VPS13D	0.0129258	0.0768382	0.404616	-2.47148	0.000447361	0.0783603	-12.7616	0.018489	0.268803	-3.72019	0.98546	0.991655	-1.00841	0.125327	0.466336	-2.14438	0.443606	0.698256	-1.43214	0.023777	0.289154	-3.45837	0.0311697	0.312585	-3.19913	0.895458	0.941339	-1.06232	5.44031	18.2187	2.97674	1
cg07139350	VPS13D;VPS13D	0.0147488	0.00255536	0.200053	-4.99867	0.0129602	0.305446	-3.2739	0.233134	0.61831	-1.61731	0.00635345	0.255097	-3.92008	0.0402381	0.401968	-2.48776	0.663465	0.845042	-1.18337	0.185428	0.582744	-1.71602	0.615591	1.21493	1.21493	0.0102049	0.287782	-3.47485	5.20969	12.2019	2.08191	1
cg06758644	VPS13D;VPS13D	0.0166822	0.0100654	0.253121	-3.95067	0.0121968	0.266835	-3.74764	0.00674276	0.226312	-4.41868	0.014533	0.279867	-3.57313	0.0123071	0.267492	-3.73843	0.067171	0.419863	-2.38173	0.485767	0.741106	-1.34933	0.0516656	0.391864	-2.5519	0.0149214	0.281872	-3.5477	5.00092	14.1722	2.51904	1
cg00384847	VPS13D;VPS13D	0.0176549	0.0536113	1.72563	1.72563	0.158824	1.45485	1.45485	0.00147474	3.1338	3.1338	0.00753214	2.35375	2.35375	0.141743	1.48183	1.48183	0.96034	0.987698	-1.01246	0.665014	1.11454	1.11454	0.494621	1.18844	1.18844	0.0074419	2.35845	2.35845	4.90693	4.81562	0.872347	1
cg25218417	VPS13D;VPS13D	0.0209669	0.524647	1.27389	1.27389	0.0259631	0.370671	-2.69781	0.11339	0.523691	-1.90952	0.429802	0.738891	-1.35338	0.00447182	0.240878	-4.15148	0.0940764	1.99607	1.99607	0.0302599	2.60252	2.60252	0.692577	1.16091	1.16091	0.351232	0.697514	-1.43366	4.62952	10.3368	1.98471	1
cg04275506	VPS13D;VPS13D	0.0225489	0.234227	0.742289	-1.34718	0.456535	0.834249	-1.19868	0.0902593	0.64008	-1.56231	0.288167	0.76833	-1.30152	0.084828	0.63415	-1.57691	0.00684327	2.30967	2.30967	0.0419757	0.571141	-1.75088	0.436528	0.827207	-1.20889	0.00937894	0.45509	-2.19737	4.51555	4.08474	0.804084	1
cg10204259	VPS13D;VPS13D	0.0242832	0.0811596	0.428416	-2.33418	0.00266154	0.161748	-6.18246	0.0401186	0.353518	-2.82871	0.261282	0.598331	-1.67132	0.0137904	0.263274	-3.79832	0.179878	0.535557	-1.86721	0.0104018	0.243044	-4.11449	0.0259153	0.313706	-3.1877	0.517229	0.749864	-1.33358	4.40147	13.3984	2.70583	1
cg20931951	VPS13D;VPS13D	0.0278333	0.0107812	0.0897538	-11.1416	0.0172724	0.112732	-8.87061	0.0938294	0.249912	-4.0014	0.0561695	0.196376	-5.09228	0.00793264	0.0771372	-12.9639	0.0318011	0.150492	-6.64488	0.0739548	0.223383	-4.47661	0.0170002	0.111878	-8.93831	0.0695756	0.217074	-4.60672	4.1966	37.6459	7.97384	1
cg13941027	VPS13D;VPS13D	0.0316872	0.770113	1.08315	1.08315	0.49263	1.20917	1.20917	0.903732	0.967558	-1.03353	0.481168	1.21551	1.21551	0.00673832	0.383839	-2.60526	0.671204	0.890134	-1.12343	0.0223915	2.10807	2.10807	0.0221198	2.11249	2.11249	0.180574	0.678728	-1.47334	4.00793	4.71585	1.04589	1
cg18026955	VPS13D;VPS13D	0.0331166	0.00393036	0.231388	-4.32174	0.0381139	0.403873	-2.47602	0.037265	0.401745	-2.48914	0.34009	0.690145	-1.44897	0.0483156	0.426953	-2.34218	0.0981772	0.504487	-1.98221	0.621715	0.828944	-1.20635	0.102756	0.509993	-1.96081	0.00801992	0.277647	-3.6017	3.94505	8.88956	2.00297	1
cg05756685	VPS13D;VPS13D	0.0376244	0.14511	1.70942	1.70942	0.378849	1.36256	1.36256	0.330505	0.708882	-1.41067	0.0207264	2.59668	2.59668	0.23304	0.651501	-1.53492	0.288121	1.4592	1.4592	0.0806241	1.94243	1.94243	0.00330633	3.93951	3.93951	0.468982	1.28718	1.28718	3.76679	7.00454	1.65294	1
cg23278418	VPS13D;VPS13D	0.0387627	0.569149	0.79815	-1.2529	0.282621	1.54879	1.54879	0.353534	0.687951	-1.45359	0.00554694	0.23982	-4.16979	0.467584	0.748542	-1.33593	0.335459	0.677605	-1.47579	0.457769	1.34485	1.34485	0.047906	2.42588	2.42588	0.0258986	0.354761	-2.8188	3.72592	9.06031	2.16151	1
cg05774892	VPS13D;VPS13D	0.0454308	0.0224941	0.578535	-1.7285	0.59842	1.11228	1.11228	0.740486	0.935616	-1.06881	0.109599	0.70521	-1.41802	0.00283923	0.439228	-2.27672	0.135983	0.724929	-1.37944	0.528071	1.13655	1.13655	0.82268	1.04597	1.04597	0.701328	1.08021	1.08021	3.51296	2.23045	0.564372	1
cg27172378	VPS13D;VPS13D	0.0481502	0.810894	1.04876	1.04876	0.0685928	0.667078	-1.49908	0.0351866	0.614319	-1.62782	0.103827	0.702414	-1.42366	0.0171863	0.561792	-1.78002	0.97307	1.00673	1.00673	0.0267647	0.593837	-1.68396	0.131529	1.38171	1.38171	0.202472	0.76549	-1.30635	3.43691	2.14693	0.55526	1
cg23462402	VPS16;FAM113A;VPS16	3.42E-05	5.88E-06	0.332981	-3.00317	0.0614023	0.796397	-1.25566	0.000498238	0.555174	-1.80124	2.65E-05	0.407572	-2.45355	0.0116987	0.711559	-1.40536	0.000121626	0.484375	-2.06452	0.572623	1.06352	1.06352	0.869097	0.98234	-1.01798	2.78E-05	0.41	-2.43902	29.4186	5.43712	0.164283	1
cg07884474	VPS16;FAM113A;VPS16	0.0124286	0.0446199	0.786585	-1.27132	0.927502	1.00952	1.00952	0.165175	0.857161	-1.16664	0.292175	0.892451	-1.12051	0.000552394	1.74761	1.74761	0.522229	1.06986	1.06986	0.57611	0.942891	-1.06057	0.529334	0.935808	-1.0686	0.0888747	1.21576	1.21576	5.5103	0.945941	0.152594	1
cg06726390	VPS16;FAM113A;VPS16;FAM113A	0.00487032	?	?	?	0.602132	1.16045	1.16045	?	?	?	0.161418	0.65503	-1.52665	0.00400983	0.334931	-2.98569	?	?	?	0.00115769	0.259178	-3.85836	0.095265	1.67957	1.67957	0.104449	0.605255	-1.6522	8.01741	6.77496	1.12671	1
cg24989417	VPS16;PTPRA;PTPRA;VPS16	0.000195017	1.15E-05	0.248271	-4.02786	0.000335027	2.37847	2.37847	0.40369	1.13654	1.13654	0.848671	1.02903	1.02903	0.53166	1.09955	1.09955	0.00217337	0.525026	-1.90467	0.586062	1.08585	1.08585	0.189899	0.812238	-1.23117	0.106309	0.767844	-1.30235	18.4973	6.57247	0.315841	1
cg05071493	VPS16;PTPRA;VPS16	0.000711051	0.0845429	0.715168	-1.39827	4.01E-05	0.251875	-3.97022	0.00110494	0.429581	-2.32785	0.210596	0.793112	-1.26086	0.000787014	0.409948	-2.43934	0.00235289	0.474399	-2.10793	0.85975	1.03156	1.03156	0.0749028	0.705716	-1.417	0.00629663	0.535125	-1.86872	12.9539	6.33407	0.434639	1
cg00176879	VPS16;PTPRA;VPS16	0.00238844	0.0581629	0.652606	-1.53232	0.891892	1.02748	1.02748	0.00237124	0.429638	-2.32754	0.818857	0.955306	-1.04679	6.25E-05	0.229905	-4.34963	0.575667	1.11932	1.11932	0.2751	1.25399	1.25399	0.223852	0.77514	-1.29009	0.421641	0.849062	-1.17777	9.15408	5.76011	0.559324	1
cg03115886	VPS16;PTPRA;VPS16	0.00735304	0.757715	0.931447	-1.0736	0.129001	0.686259	-1.45718	0.000269147	0.253681	-3.94196	0.0814372	0.641939	-1.55778	0.0646887	0.62112	-1.60999	0.920917	1.02305	1.02305	0.0113211	0.482939	-2.07065	0.33981	0.797888	-1.25331	0.0053505	0.430872	-2.32087	6.51424	5.43441	0.741542	1
cg09915983	VPS16;PTPRA;VPS16	0.00757743	0.911987	0.952916	-1.04941	0.372754	0.670898	-1.49054	0.414869	1.43841	1.43841	0.00485659	0.196136	-5.09852	0.00618753	0.210706	-4.74594	0.000540905	0.0957111	-10.4481	0.841206	1.09144	1.09144	0.63218	1.23411	1.23411	0.19517	0.550099	-1.81785	6.4532	19.4455	2.67849	1
cg24687794	VPS16;PTPRA;VPS16	0.00812359	0.0205162	0.658771	-1.51798	0.290379	1.17831	1.17831	0.313773	0.855744	-1.16857	0.0555958	0.72299	-1.38315	0.0011835	2.03634	2.03634	0.486488	0.899667	-1.11152	0.0114881	1.60449	1.60449	0.605884	0.925125	-1.08093	0.727437	1.05371	1.05371	6.3136	2.2358	0.314777	1
cg23001725	VPS16;PTPRA;VPS16	0.0218928	0.966779	1.01901	1.01901	0.917727	1.04783	1.04783	0.561426	1.30409	1.30409	0.734024	0.857093	-1.16673	0.280238	0.601982	-1.66118	0.0003523	0.0745712	-13.41	0.542548	1.32144	1.32144	0.586288	0.779989	-1.28207	0.110934	0.455999	-2.19299	4.56158	14.7707	2.87828	1
cg25062357	VPS16;VPS16;FAM113A;FAM113A	0.00479128	0.309482	1.16783	1.16783	0.416191	0.884634	-1.13041	0.834558	0.96962	-1.03133	0.015325	1.55127	1.55127	0.102553	1.30151	1.30151	0.0552372	1.37792	1.37792	0.000241583	0.408267	-2.44938	0.322134	0.859955	-1.16285	0.844397	0.971429	-1.02941	7.43463	2.56222	0.306341	1
cg04662649	VPS18	9.35E-06	0.000307019	1.91404	1.91404	0.000585652	1.80154	1.80154	0.0732088	1.24772	1.24772	0.00361041	1.54712	1.54712	1.01E-05	0.350456	-2.85343	7.89E-05	0.453561	-2.20477	3.43E-05	2.43056	2.43056	0.0212295	1.35908	1.35908	0.00129246	0.594897	-1.68096	41.2838	8.02316	0.172748	1
cg02417553	VPS18	0.00114286	0.415482	0.935155	-1.06934	0.00698897	0.755018	-1.32447	0.884221	1.01181	1.01181	0.00150515	1.4454	1.4454	0.000593717	0.652369	-1.53287	0.567243	0.954486	-1.04768	0.00258294	0.714304	-1.39996	0.834556	1.01699	1.01699	0.0155888	1.26983	1.26983	11.3283	1.16415	0.0913464	1
cg00756251	VPS18	0.00174122	0.482477	1.25405	1.25405	0.132759	1.67266	1.67266	0.483212	1.25356	1.25356	5.22E-05	0.0908469	-11.0075	0.381559	0.752301	-1.32926	0.261438	0.689763	-1.44977	0.193588	0.646451	-1.54691	0.00170214	0.241419	-4.14218	0.986681	0.99472	-1.00531	10.0379	15.9896	1.41592	1
cg27441114	VPS18	0.0156964	0.128964	0.491774	-2.03345	0.0298982	0.331133	-3.01994	0.0295993	0.330235	-3.02815	0.134021	2.01185	2.01185	0.866057	1.07576	1.07576	0.787546	1.12395	1.12395	0.000869878	0.115203	-8.6803	0.956834	1.02369	1.02369	0.156085	0.518708	-1.92787	5.10338	15.1255	2.63451	1
cg02071305	VPS18	0.030352	0.0390391	0.545684	-1.83256	0.00347916	0.365854	-2.73333	0.691404	0.903779	-1.10647	0.515199	1.18214	1.18214	0.224633	0.723663	-1.38186	0.0411913	0.550318	-1.81713	0.010832	0.444216	-2.25116	0.119896	0.651918	-1.53394	0.775208	1.0753	1.0753	4.06993	4.14451	0.905179	1
cg23775236	VPS18	0.0392322	0.919423	1.05152	1.05152	0.000590915	13.9351	13.9351	0.584439	0.760194	-1.31545	0.821618	1.11863	1.11863	0.587152	0.761728	-1.3128	0.443457	1.47387	1.47387	0.931695	1.04348	1.04348	0.913961	0.94776	-1.05512	0.724667	0.838984	-1.19192	3.70949	14.4791	3.46956	1
cg24630566	VPS18	0.0462201	0.100666	1.49107	1.49107	0.0845865	1.52777	1.52777	0.0714794	1.56391	1.56391	0.551799	1.14311	1.14311	0.810471	0.948022	-1.05483	0.309297	0.791551	-1.26334	0.0198001	0.535196	-1.86847	0.0539228	1.62604	1.62604	0.0856253	1.52518	1.52518	3.49032	2.72855	0.694885	1
cg05580277	VPS24;VPS24	0.000167467	0.617256	0.884418	-1.13069	5.67E-05	0.161564	-6.1895	0.0004366	0.257949	-3.87673	0.196602	1.39491	1.39491	1.83E-05	0.118912	-8.40955	0.111443	0.655302	-1.52601	0.0022448	0.352428	-2.83746	0.00387383	0.387357	-2.5816	0.399078	0.810213	-1.23424	19.2754	18.1423	0.836634	1
cg08725083	VPS24;VPS24	0.00580367	0.000923093	2.65432	2.65432	0.204562	0.767918	-1.30222	0.78757	1.05472	1.05472	0.00636276	2.01485	2.01485	0.0422464	0.630325	-1.58648	0.0371567	1.61165	1.61165	0.709759	0.928909	-1.07653	0.189485	1.31543	1.31543	0.0183864	1.75817	1.75817	7.01072	4.32034	0.547776	1
cg16949533	VPS24;VPS24	0.00677726	0.0124565	0.53797	-1.85884	0.0328453	0.607941	-1.6449	0.0250741	0.587828	-1.70118	0.504119	0.873584	-1.14471	0.00612604	0.490108	-2.04037	0.0506623	0.641483	-1.55889	0.000251449	0.30011	-3.33212	0.165229	0.74445	-1.34327	0.112343	0.708475	-1.41148	6.68208	4.20648	0.55957	1
cg09273112	VPS24;VPS24	0.00976343	0.018626	0.316477	-3.15979	0.311269	0.655377	-1.52584	0.00857193	0.258588	-3.86716	0.0373599	0.377371	-2.64991	0.00211029	0.174873	-5.71844	0.00199399	0.171972	-5.81491	0.0155941	0.302376	-3.30714	0.477331	0.7472	-1.33833	0.0671173	0.437055	-2.28804	5.95601	15.3464	2.29034	1
cg23759847	VPS24;VPS24	0.0152717	0.669808	0.91455	-1.09343	0.095063	0.682517	-1.46517	0.0783222	0.665466	-1.50271	0.256427	0.781392	-1.27977	0.0014268	0.382611	-2.61362	0.519844	0.872967	-1.14552	0.0147945	1.86736	1.86736	0.288899	0.795126	-1.25766	0.0447315	0.618889	-1.6158	5.15001	3.53701	0.610486	1
cg22123774	VPS25	1.94E-05	0.00071359	0.302044	-3.31078	6.37E-07	0.0422102	-23.6909	4.29E-05	0.164331	-6.08527	0.0146024	0.49726	-2.01102	0.000398257	0.270001	-3.70369	0.000712485	0.301956	-3.31174	0.000269958	0.249626	-4.00599	0.000728066	0.303179	-3.29839	0.000108369	0.204977	-4.8786	34.1559	29.1934	0.759741	1
cg07162667	VPS25	0.000228721	6.58E-05	0.223415	-4.47598	0.205082	1.31478	1.31478	0.487602	0.865588	-1.15528	0.136936	1.38809	1.38809	0.0001683	0.269664	-3.70831	0.150989	0.729787	-1.37026	7.65E-05	0.23055	-4.33746	0.429597	1.17944	1.17944	0.0163559	0.548405	-1.82347	17.7138	11.7536	0.589802	1
cg08857797	VPS25	0.000269621	0.691727	0.880499	-1.13572	0.000417224	0.16743	-5.97263	0.037175	0.461848	-2.16521	0.128781	0.592028	-1.68911	7.68E-06	0.0434263	-23.0275	0.0592528	0.506594	-1.97397	0.00385313	0.288366	-3.46782	0.306232	0.712999	-1.40253	0.000480425	0.173901	-5.75039	16.9373	27.3539	1.43556	1
cg20443314	VPS25	0.00752741	0.00169988	0.0943678	-10.5968	0.0020495	0.101479	-9.85429	0.025598	0.247424	-4.04165	0.43927	0.660061	-1.51501	?	?	?	0.0981653	0.384689	-2.5995	0.00856304	0.170968	-5.84905	0.0363382	0.277628	-3.60194	0.0208139	0.231038	-4.3283	6.60005	25.7692	3.9044	1
cg22117760	VPS25	0.0306183	0.00364652	0.182909	-5.4672	0.14497	0.508556	-1.96635	0.107618	0.468365	-2.13509	0.278265	0.614459	-1.62745	?	?	?	0.0216958	0.304066	-3.28876	0.10804	0.468867	-2.1328	0.00956518	0.242344	-4.12637	0.105366	0.465664	-2.14747	4.12522	10.8367	2.62695	1
cg08705329	VPS25;WNK4	0.0350146	0.0283368	0.349743	-2.85924	0.636448	1.21318	1.21318	0.505707	0.76027	-1.31532	0.0781889	2.21268	2.21268	0.544113	0.77943	-1.28299	0.0282868	2.86052	2.86052	0.202229	1.72714	1.72714	0.990952	0.995408	-1.00461	0.0135593	0.289412	-3.45528	3.86655	10.0875	2.31904	1
cg06726474	VPS26A;VPS26A	0.0086416	0.136121	0.799938	-1.2501	0.966348	1.00588	1.00588	0.880446	1.02114	1.02114	0.688866	1.05754	1.05754	0.0835633	0.766281	-1.305	0.000217317	0.424282	-2.35693	?	?	?	0.408966	1.12455	1.12455	0.399025	1.12751	1.12751	6.31751	1.71825	0.271982	1
cg04362027	VPS26A;VPS26A	0.0117594	0.113768	0.679921	-1.47076	0.0920645	1.51554	1.51554	0.00498802	2.30067	2.30067	0.0796634	0.646548	-1.54667	0.0525431	1.63919	1.63919	0.277604	0.776353	-1.28807	0.0104409	0.485373	-2.06027	0.396443	1.21494	1.21494	0.226377	1.32949	1.32949	5.61021	4.46642	0.707666	1
cg02393810	VPS26A;VPS26A	0.0140111	0.0238397	0.583821	-1.71285	0.00341502	2.21215	2.21215	0.441397	1.1696	1.1696	0.840149	1.04113	1.04113	0.150264	0.735103	-1.36035	0.0103163	0.524687	-1.9059	0.459219	1.16229	1.16229	0.116941	1.40479	1.40479	0.595359	0.898555	-1.1129	5.2985	3.34197	0.560657	1
cg23656443	VPS26A;VPS26A	0.02875	0.0065666	0.562101	-1.77904	0.0117604	1.67111	1.67111	0.0957761	1.3479	1.3479	0.29844	0.838725	-1.19229	0.408915	1.14777	1.14777	0.331777	0.849256	-1.1775	0.332559	0.849495	-1.17717	0.211608	0.806754	-1.23954	0.545998	1.10485	1.10485	4.14891	1.74969	0.374865	1
cg21830413	VPS26A;VPS26A	0.0369079	0.691833	0.860243	-1.16246	0.00924247	3.48466	3.48466	0.00216078	5.08874	5.08874	0.152131	1.78547	1.78547	0.529167	1.27239	1.27239	0.859049	1.06948	1.06948	0.457164	0.751174	-1.33125	0.779503	0.899375	-1.11188	0.833828	1.08262	1.08262	3.79331	8.57809	2.01011	1
cg01125076	VPS26A;VPS26A;VPS26A;VPS26A	0.0375736	0.0670971	2.52173	2.52173	0.364116	0.656831	-1.52246	0.394787	0.675154	-1.48114	0.229555	1.76511	1.76511	0.65289	1.22635	1.22635	0.184434	1.88606	1.88606	0.00317097	0.162571	-6.15117	0.444715	0.703883	-1.42069	0.126193	0.474399	-2.10793	3.76865	12.1241	2.85963	1
cg16451134	VPS26B	0.000158506	0.742444	0.943142	-1.06029	0.969584	1.00679	1.00679	0.0659751	0.693382	-1.44221	0.729856	1.06347	1.06347	1.78E-05	0.210679	-4.74655	0.100099	1.3769	1.3769	1.26E-05	0.195671	-5.11061	0.121689	0.742422	-1.34694	0.38209	0.852887	-1.17249	19.5637	9.76399	0.443632	1
cg05807444	VPS28;NFKBIL2;VPS28	0.0207753	0.128395	0.640603	-1.56103	0.614071	0.871285	-1.14773	0.734674	1.09656	1.09656	0.047749	1.8467	1.8467	0.350486	0.77074	-1.29745	0.756532	1.08793	1.08793	0.119891	0.633045	-1.57967	0.00310507	0.33412	-2.99294	0.00761693	0.394627	-2.53404	4.64405	5.40072	1.03372	1
cg26440467	VPS28;NFKBIL2;VPS28	0.048085	0.130271	0.552717	-1.80924	0.289271	0.670927	-1.49048	0.727252	1.13547	1.13547	0.0914917	1.96254	1.96254	0.237338	0.638173	-1.56697	0.288664	1.49128	1.49128	0.779186	0.903046	-1.10736	0.00883416	0.298373	-3.35151	0.0222504	0.370038	-2.70243	3.43867	7.16897	1.85316	1
cg01285435	VPS28;NFKBIL2;VPS28	0.0486401	0.0445467	0.362789	-2.75643	0.571835	0.777933	-1.28546	0.807854	1.11304	1.11304	0.0454022	2.74215	2.74215	0.0276653	0.318438	-3.14033	0.2115	1.78349	1.78349	0.793571	1.12218	1.12218	0.0504701	0.375362	-2.66409	0.105518	0.459648	-2.17558	3.42377	10.4764	2.7199	1
cg08387270	VPS28;VPS28	0.00123418	0.967105	1.01038	1.01038	0.797645	1.06644	1.06644	0.00120431	0.305031	-3.27836	0.000119685	0.185647	-5.38657	0.000456249	0.251002	-3.98403	0.678929	1.10983	1.10983	0.0468742	0.565747	-1.76757	0.0241288	0.510045	-1.96061	0.258918	0.744614	-1.34298	11.0826	11.0019	0.882419	1
cg00179423	VPS28;VPS28	0.00374149	0.861335	0.975919	-1.02468	0.039307	1.39438	1.39438	0.250896	0.845978	-1.18206	0.530464	0.915216	-1.09264	0.436841	0.895308	-1.11693	0.652915	0.938836	-1.06515	0.000263672	0.433525	-2.30667	0.236578	1.18875	1.18875	0.00378614	1.72397	1.72397	8.01193	2.46653	0.27365	1
cg22918572	VPS28;VPS28	0.00864199	0.00107263	0.0868463	-11.5146	0.248616	0.624042	-1.60246	0.067344	2.31895	2.31895	?	?	?	0.207174	0.592611	-1.68745	?	?	?	0.953614	0.978155	-1.02233	?	?	?	?	?	?	11.7148	13.6363	1.16403	1
cg14017195	VPS28;VPS28	0.00982228	0.00861482	0.49755	-2.00985	0.572575	0.887973	-1.12616	0.35715	1.21816	1.21816	0.298501	1.25177	1.25177	0.976658	1.00612	1.00612	0.00729343	0.48625	-2.05655	0.208265	0.758471	-1.31844	0.0124447	1.9119	1.9119	0.0180677	1.81921	1.81921	5.94459	4.08811	0.611292	1
cg11402303	VPS28;VPS28	0.0420404	0.0383417	0.515676	-1.9392	0.0405778	0.520714	-1.92044	0.136027	0.641918	-1.55783	0.130048	0.636824	-1.57029	0.008781	0.398138	-2.51169	0.0469799	0.533954	-1.87282	0.0146917	0.436562	-2.29062	0.0361257	0.510433	-1.95912	0.0570414	0.552009	-1.81157	3.61604	4.3611	1.07204	1
cg10025392	VPS29;RAD9B;VPS29	0.00113266	0.567122	0.870984	-1.14813	0.0748946	0.622705	-1.6059	0.970751	1.00879	1.00879	2.75E-05	0.139	-7.19423	0.249842	1.33264	1.33264	0.0130889	2.08528	2.08528	0.665988	0.901494	-1.10927	0.3642	0.80039	-1.24939	0.0781645	1.59569	1.59569	11.3573	10.2563	0.802716	1
cg21499658	VPS29;RAD9B;VPS29	0.0217951	0.351166	0.895226	-1.11704	0.00687589	0.667878	-1.49728	0.626016	1.05829	1.05829	0.129562	1.20792	1.20792	0.894093	0.984754	-1.01548	0.00826607	1.47631	1.47631	0.285579	0.879916	-1.13647	0.105423	0.815429	-1.22635	0.117286	1.21681	1.21681	4.56858	0.962657	0.1873	1
cg05942736	VPS29;RAD9B;VPS29	0.045765	0.890648	0.972215	-1.02858	0.71057	0.926485	-1.07935	0.899321	0.974404	-1.02627	0.171137	1.34783	1.34783	0.232487	1.29238	1.29238	0.0739979	1.50366	1.50366	0.00331211	0.440696	-2.26914	0.198093	1.32134	1.32134	0.335222	0.815813	-1.22577	3.50332	2.32829	0.590753	1
cg03867797	VPS29;VPS29;RAD9B	0.00294177	0.316602	0.542329	-1.8439	0.177191	2.33418	2.33418	0.220948	2.13927	2.13927	0.000217223	0.0261037	-38.3088	0.000569903	0.042691	-23.4241	0.86037	1.10966	1.10966	0.849921	0.894087	-1.11846	0.831032	0.881363	-1.13461	0.487578	0.659147	-1.51711	8.60807	47.6184	4.91718	1
cg12803195	VPS29;VPS29;RAD9B	0.00299651	0.489503	1.25772	1.25772	0.227764	1.51215	1.51215	0.536408	1.22689	1.22689	0.962959	0.984946	-1.01528	0.593466	1.19243	1.19243	0.216854	0.654153	-1.5287	4.19E-05	0.0783017	-12.7711	0.975091	1.01025	1.01025	0.293889	1.42704	1.42704	8.5611	14.4648	1.50186	1
cg06820762	VPS29;VPS29;RAD9B	0.0283332	0.126898	1.97117	1.97117	0.326076	1.51706	1.51706	0.518042	1.30912	1.30912	0.271353	1.60109	1.60109	0.380152	1.44779	1.44779	0.203518	1.73617	1.73617	0.00118869	0.14178	-7.0532	0.321889	1.52293	1.52293	0.5771	0.793301	-1.26056	4.17035	11.1592	2.37853	1
cg12216983	VPS33A	7.87E-05	0.208338	1.50364	1.50364	0.350248	0.744036	-1.34402	0.779134	1.0903	1.0903	0.0221426	0.430183	-2.32459	0.0242357	2.28434	2.28434	1.27E-06	0.0217239	-46.0323	0.00122994	0.233773	-4.27766	0.0537268	0.509883	-1.96123	0.7781	0.916792	-1.09076	23.6033	35.3493	1.33124	1
cg12954334	VPS33A	0.00394015	0.00389975	0.252383	-3.96223	0.00127894	0.189366	-5.28079	0.305621	0.686709	-1.45622	0.224708	0.636447	-1.57122	0.00139277	0.193761	-5.161	0.0108073	0.321624	-3.10922	0.00182422	0.208119	-4.80493	0.886514	0.950662	-1.0519	0.0469719	0.44679	-2.23819	7.88824	15.6841	1.76737	1
cg09924998	VPS33A	0.0105586	0.520268	1.25916	1.25916	0.98464	0.993216	-1.00683	0.156373	0.585015	-1.70936	0.0677916	2.06142	2.06142	0.00368336	0.249559	-4.00706	0.00259649	4.37347	4.37347	0.396854	0.735817	-1.35903	0.417502	0.746046	-1.3404	0.0990601	0.527607	-1.89535	5.80855	11.5019	1.76016	1
cg00631230	VPS33A	0.013962	0.00787057	1.40241	1.40241	0.572128	0.944951	-1.05826	0.0358897	1.27395	1.27395	0.0212748	0.759886	-1.31599	0.828306	0.978687	-1.02178	0.0429111	1.26	1.26	0.0720212	0.819401	-1.2204	0.0704272	0.818268	-1.22209	0.2898	0.89675	-1.11514	5.30462	0.826545	0.138503	1
cg07776087	VPS33B	0.000158018	0.0538226	1.57598	1.57598	0.0454146	1.61089	1.61089	0.0275339	0.581856	-1.71864	0.913843	0.977765	-1.02274	0.292809	0.797119	-1.25452	0.853642	0.962359	-1.03911	2.44E-06	0.092888	-10.7657	0.0653526	0.650636	-1.53696	0.116509	1.42526	1.42526	19.58	13.3867	0.607725	1
cg02532022	VPS33B	0.00829176	0.00661433	0.34785	-2.8748	0.580087	0.845871	-1.18221	0.796946	1.08029	1.08029	0.0402564	0.491746	-2.03357	0.00204587	0.272074	-3.67548	0.688583	0.886323	-1.12826	0.00201612	0.271201	-3.68731	0.0104085	0.380486	-2.62821	0.0570487	0.524694	-1.90587	6.27295	8.91359	1.26307	1
cg20788083	VPS33B	0.0194716	0.0742428	0.714099	-1.40037	0.0683953	0.707942	-1.41254	0.970316	0.993721	-1.00632	0.553962	1.10666	1.10666	0.00816111	0.563755	-1.77382	0.00243565	0.489577	-2.04258	0.132105	1.31669	1.31669	0.691738	1.06979	1.06979	0.906089	1.02018	1.02018	4.7475	2.15472	0.403434	1
cg05574437	VPS33B	0.0352687	0.0554748	0.74852	-1.33597	0.770765	1.03976	1.03976	0.438295	1.11127	1.11127	0.376929	1.12862	1.12862	0.888381	1.01892	1.01892	0.108194	0.791461	-1.26349	0.0164861	0.676383	-1.47845	0.014124	0.66752	-1.49808	0.0707332	1.30929	1.30929	3.85644	1.08771	0.250712	1
cg26711237	VPS35	5.00E-06	0.00403739	0.624243	-1.60194	0.00167858	0.578052	-1.72995	0.138433	1.21487	1.21487	0.612945	0.939651	-1.06422	0.387975	1.11401	1.11401	0.539281	1.07879	1.07879	4.68E-08	0.0978714	-10.2175	0.841277	1.02477	1.02477	0.721581	1.04463	1.04463	48.5369	11.4457	0.209612	1
cg14591290	VPS36	8.21E-05	0.000125869	0.284452	-3.51554	0.948047	0.987806	-1.01234	0.00301777	2.15003	2.15003	0.184885	0.7674	-1.3031	1.66E-05	0.188813	-5.29625	0.004675	0.492616	-2.02998	0.0436704	0.646212	-1.54748	0.108684	1.39016	1.39016	0.000116973	0.280695	-3.56258	23.3364	13.1011	0.499025	1
cg12018777	VPS36	0.000484015	0.00529454	0.634617	-1.57575	0.708267	1.0476	1.0476	0.00528906	1.57589	1.57589	0.629489	1.06199	1.06199	0.000975271	0.545026	-1.83477	0.000927111	0.542358	-1.8438	0.0129653	1.4645	1.4645	0.390007	0.896752	-1.11514	0.000383574	0.495962	-2.01628	14.4199	3.49549	0.215474	1
cg10354859	VPS36	0.000779203	0.00108156	0.571989	-1.74829	0.796314	1.0304	1.0304	0.533995	1.07565	1.07565	0.227507	1.15797	1.15797	0.945617	0.992133	-1.00793	0.213197	0.85919	-1.16389	5.43E-05	0.418581	-2.38902	0.00688621	1.49934	1.49934	0.140952	1.2012	1.2012	12.6253	2.68003	0.188689	1
cg17164340	VPS36	0.0160979	0.269385	1.18841	1.18841	0.00251388	1.87714	1.87714	0.170943	1.24458	1.24458	0.289351	1.17945	1.17945	0.567986	1.09048	1.09048	0.689292	0.941469	-1.06217	0.00315488	0.54583	-1.83207	0.945373	1.01034	1.01034	0.35982	1.15176	1.15176	5.06071	1.80516	0.317067	1
cg05201956	VPS36;VPS36	0.0494729	0.0342176	1.37722	1.37722	0.453775	1.10391	1.10391	0.243091	1.17144	1.17144	0.427836	1.11056	1.11056	0.996294	0.999398	-1.0006	0.841963	1.0262	1.0262	0.642683	1.06239	1.06239	0.00488776	1.62126	1.62126	0.00643251	1.58267	1.58267	3.4018	0.904109	0.236243	1
cg00825031	VPS37A;CNOT7;VPS37A;CNOT7;VPS37A;VPS37A	0.0216805	0.0794446	0.847073	-1.18054	0.277617	0.908235	-1.10104	0.721801	1.03095	1.03095	0.18051	0.885832	-1.12888	0.0952288	0.855323	-1.16915	0.251881	1.10743	1.10743	0.00229159	0.695288	-1.43825	0.00678176	0.741473	-1.34867	0.0686573	0.840521	-1.18974	4.57684	0.526797	0.102312	1
cg17670975	VPS37A;VPS37A	0.00334811	0.789365	1.0796	1.0796	0.000346969	0.192813	-5.18638	0.0136016	0.417578	-2.39476	0.633358	1.14736	1.14736	0.293188	1.36604	1.36604	0.063909	1.81431	1.81431	0.00328788	0.318009	-3.14456	0.788273	0.925894	-1.08004	0.0333072	0.490878	-2.03717	8.28293	10.7337	1.1519	1
cg12239716	VPS37A;VPS37A	0.0056418	0.00545034	0.433555	-2.30651	0.697811	1.09329	1.09329	0.275977	0.77178	-1.29571	0.428672	1.20286	1.20286	0.000120575	0.215262	-4.6455	0.242313	0.755984	-1.32278	0.257502	0.763282	-1.31013	0.548939	0.870546	-1.1487	0.178574	0.721299	-1.38639	7.07202	5.85304	0.735675	1
cg07132675	VPS37A;VPS37A	0.0287343	0.0186089	0.614724	-1.62675	0.203759	0.795509	-1.25706	0.366457	0.853642	-1.17145	0.571953	1.10231	1.10231	0.100227	1.35954	1.35954	0.177101	0.782957	-1.27721	0.0226124	1.59296	1.59296	0.0364001	1.51412	1.51412	0.205063	0.79609	-1.25614	4.14971	1.91173	0.409501	1
cg06634460	VPS37B	9.02E-06	3.21E-05	0.120545	-8.29568	0.00828897	0.413696	-2.41723	5.32E-05	7.18711	7.18711	0.000975194	3.60678	3.60678	2.44E-05	0.111136	-8.998	0.273092	0.742109	-1.34751	0.000906565	0.273138	-3.66115	3.50E-05	8.08746	8.08746	0.642666	1.12996	1.12996	41.6646	45.1197	0.962601	1
cg03434624	VPS37B	6.67E-05	0.000886898	0.0344372	-29.0383	0.0562807	0.231757	-4.31486	0.000941983	28.1227	28.1227	0.00797699	9.97637	9.97637	7.05E-06	0.00120534	-829.64	0.966275	1.02901	1.02901	0.171591	0.37365	-2.6763	0.00207459	18.7744	18.7744	0.0879456	3.57425	3.57425	24.6687	178.744	6.44069	1
cg24691904	VPS37B	7.67E-05	0.00197196	0.286127	-3.49495	0.0391959	1.97955	1.97955	3.74E-06	22.0436	22.0436	0.0732037	1.77136	1.77136	0.0112201	0.402839	-2.48238	0.345801	1.32028	1.32028	0.381088	0.773298	-1.29316	0.00129349	3.82491	3.82491	0.0030805	3.18777	3.18777	23.7632	30.8203	1.15287	1
cg16573251	VPS37B	0.000265795	0.0501878	1.44202	1.44202	0.250788	1.21742	1.21742	0.0946845	0.739984	-1.35138	0.147061	1.2906	1.2906	1.99E-05	0.242602	-4.12199	0.316238	1.18515	1.18515	0.282441	1.20095	1.20095	0.0745378	0.722018	-1.38501	0.000129527	0.33614	-2.97495	17.0035	7.23805	0.378382	1
cg25079997	VPS37B	0.00084917	0.000362531	0.182335	-5.48442	0.341316	1.33899	1.33899	0.754571	1.09786	1.09786	0.368407	0.759539	-1.31659	2.24E-05	0.0795669	-12.568	0.308938	0.73089	-1.3682	0.538722	0.830853	-1.20358	0.759835	0.912759	-1.09558	0.26971	0.710222	-1.40801	12.3233	17.2987	1.24777	1
cg06215041	VPS37B	0.00148376	0.00509959	0.208596	-4.79395	0.0328377	2.87822	2.87822	0.0473472	2.61387	2.61387	0.177167	1.8357	1.8357	0.000173883	0.0672956	-14.8598	0.164751	1.87319	1.87319	0.0543187	0.396646	-2.52114	0.329953	1.53072	1.53072	0.0318439	0.34463	-2.90167	10.5125	29.8578	2.52464	1
cg24664957	VPS37B	0.00282229	0.01311	0.231132	-4.32653	0.0757949	2.56223	2.56223	0.00127827	9.35769	9.35769	0.0497244	2.90298	2.90298	0.00334309	0.149377	-6.69446	0.21137	0.534257	-1.87176	0.0451346	2.98728	2.98728	0.125874	2.2001	2.2001	0.36658	0.642996	-1.55522	8.7145	31.284	3.19101	1
cg23328556	VPS37B	0.0029049	0.00715618	0.419066	-2.38626	0.0393687	1.81652	1.81652	0.105419	1.5574	1.5574	0.101777	1.5661	1.5661	0.00189437	0.33205	-3.0116	0.00394894	2.64049	2.64049	0.1514	1.46957	1.46957	0.0336956	1.8611	1.8611	0.560803	0.863043	-1.15869	8.64033	8.58258	0.882947	1
cg10848724	VPS37B	0.00407646	?	?	?	0.275534	0.496277	-2.015	0.000639876	25.4676	25.4676	0.00535944	9.63181	9.63181	?	?	?	0.911106	0.933347	-1.07141	0.622115	1.35911	1.35911	0.00385717	11.0753	11.0753	0.145274	2.62733	2.62733	8.19249	38.4969	5.37034	1
cg25625162	VPS37B	0.00559344	0.469006	1.31247	1.31247	0.0019053	5.06943	5.06943	0.0154582	2.99381	2.99381	0.398442	1.37587	1.37587	0.00919275	0.295034	-3.38944	0.058878	2.19781	2.19781	0.0615475	2.17556	2.17556	0.00341844	4.34124	4.34124	0.604443	1.21274	1.21274	7.09077	15.2983	1.91777	1
cg20361540	VPS37B	0.00589531	0.517279	0.591819	-1.68971	0.0494782	5.99531	5.99531	0.00606703	17.516	17.516	0.0559284	5.64165	5.64165	0.550819	0.617414	-1.61966	0.0177134	10.0189	10.0189	0.00118397	44.6843	44.6843	0.00219693	30.8958	30.8958	0.0671441	5.15189	5.15189	6.97695	70.5395	8.98699	1
cg01832672	VPS37B	0.00696058	0.183182	1.20698	1.20698	0.098685	1.27276	1.27276	0.00823586	0.63752	-1.56858	0.245641	1.17556	1.17556	0.267924	0.857516	-1.16616	0.0114756	0.656216	-1.52389	0.00157968	1.83005	1.83005	0.517711	1.09129	1.09129	0.801338	0.966975	-1.03415	6.62678	1.86213	0.249779	1
cg00718643	VPS37B	0.00762829	0.309234	1.10467	1.10467	0.734115	0.968265	-1.03277	0.220323	1.12964	1.12964	0.39966	0.921679	-1.08498	0.0022235	0.666753	-1.4998	0.761439	1.02922	1.02922	0.0007811	1.6171	1.6171	0.514317	0.939361	-1.06455	0.323388	1.10129	1.10129	6.43968	0.912607	0.12597	1
cg22608507	VPS37B	0.00880474	0.023676	0.379265	-2.63668	0.0113799	3.11787	3.11787	0.00522955	3.75225	3.75225	0.00469836	3.8521	3.8521	0.113354	0.538779	-1.85605	0.314329	1.4528	1.4528	0.625942	1.19283	1.19283	0.155003	1.72682	1.72682	0.317316	1.44924	1.44924	6.15503	12.5596	1.81381	1
cg05298628	VPS37B	0.0166753	0.607175	1.33248	1.33248	0.0480678	3.49279	3.49279	0.00512406	7.7436	7.7436	0.00809819	6.53297	6.53297	0.727929	0.824223	-1.21326	0.0131566	5.48332	5.48332	0.0652816	3.14376	3.14376	0.0155744	5.16474	5.16474	0.0184248	4.86795	4.86795	5.00161	24.2701	4.3133	1
cg15164871	VPS37B	0.0282567	0.671296	0.615648	-1.62431	0.254941	3.86017	3.86017	0.00749275	49.9852	49.9852	0.0560477	11.6967	11.6967	0.494318	0.454439	-2.20052	0.208571	4.51084	4.51084	0.0900981	8.35405	8.35405	0.003811	84.2635	84.2635	0.0447983	13.7	13.7	4.17433	85.3746	18.1798	1
cg04767207	VPS37C	0.000188229	0.958582	0.989014	-1.01111	0.21714	1.3181	1.3181	0.0402672	1.65532	1.65532	0.451586	0.849479	-1.17719	0.000501278	0.314236	-3.18232	0.890275	0.971067	-1.02979	6.36E-05	4.78142	4.78142	9.02E-05	0.225502	-4.43455	0.24236	1.29726	1.29726	18.6756	13.3814	0.636903	1
cg24949661	VPS37C	0.00404621	0.716098	0.936014	-1.06836	0.000112565	0.292748	-3.41591	0.658991	0.922743	-1.08373	0.559535	0.898677	-1.11275	0.487447	0.880097	-1.13624	0.0403292	1.53544	1.53544	0.0249967	1.62067	1.62067	0.366647	0.845431	-1.18283	0.976682	1.00531	1.00531	7.82534	4.0623	0.461441	1
cg02321903	VPS37C	0.00850894	0.0245344	0.722911	-1.3833	?	?	?	0.0657993	1.28411	1.28411	0.0380669	0.747329	-1.3381	0.126433	0.818509	-1.22173	0.0233133	1.38868	1.38868	0.00450287	0.63214	-1.58193	0.186223	1.18501	1.18501	0.325149	0.884201	-1.13096	6.3487	1.31139	0.20656	1
cg25395188	VPS37C	0.00960636	0.00245019	0.144202	-6.93473	0.00277946	0.15032	-6.65247	0.0128914	0.242055	-4.13129	0.136892	0.478919	-2.08804	0.00438093	0.174051	-5.74545	0.278765	0.596047	-1.67772	0.0216817	0.28182	-3.54836	0.0582192	0.373995	-2.67383	0.0278477	0.302915	-3.30126	5.98691	20.0175	2.97204	1
cg24692310	VPS37C	0.0102179	0.00356171	0.271322	-3.68565	0.239707	0.665866	-1.5018	0.851015	0.93978	-1.06408	0.646628	1.16472	1.16472	0.0013965	0.216685	-4.61499	0.362021	0.733824	-1.36272	0.00431091	0.283476	-3.52763	0.471225	1.27391	1.27391	0.125017	0.577808	-1.73068	5.86997	10.1438	1.53607	1
cg00009088	VPS37C	0.0125845	0.866367	0.959764	-1.04192	0.58724	0.874896	-1.14299	0.076227	1.61773	1.61773	0.0282851	0.531824	-1.88032	0.000630676	0.277759	-3.60024	0.733152	0.91994	-1.08703	0.429782	0.821578	-1.21717	0.0234212	0.516705	-1.93534	0.0861996	0.629857	-1.58766	5.48799	5.16798	0.837057	1
cg26638011	VPS37C	0.0137769	0.363163	0.877005	-1.14024	0.344706	0.872254	-1.14646	0.0338288	1.41619	1.41619	0.169512	0.814232	-1.22815	0.00340579	0.571797	-1.74887	0.0795392	0.760871	-1.31428	0.0599694	1.34718	1.34718	0.0336412	1.41688	1.41688	0.42735	0.892432	-1.12053	5.32792	1.66406	0.277626	1
cg24422316	VPS37C	0.015877	0.0181002	0.64674	-1.54622	0.0888403	1.32968	1.32968	0.529638	0.907851	-1.1015	0.00336941	0.545823	-1.8321	0.329568	0.858335	-1.16505	0.00370325	0.551334	-1.81378	0.89206	1.02083	1.02083	0.231736	0.826605	-1.20977	0.159044	0.795714	-1.25673	5.08402	1.85596	0.324495	1
cg17878935	VPS37C	0.0351548	0.101928	1.19418	1.19418	0.0198492	1.32148	1.32148	0.04402	0.795021	-1.25783	0.120748	0.846369	-1.18152	0.0929663	0.832594	-1.20107	0.0713419	1.22096	1.22096	0.780688	1.02805	1.02805	0.723973	1.03577	1.03577	0.114642	1.18539	1.18539	3.86096	0.600818	0.138323	1
cg14195377	VPS37C	0.0404277	0.311307	1.12891	1.12891	0.112933	0.81897	-1.22105	0.798974	0.970893	-1.02998	0.148929	0.835966	-1.19622	0.0337375	1.33244	1.33244	0.313917	0.886431	-1.12812	0.0232147	1.36899	1.36899	0.488258	0.921731	-1.08492	0.0257319	1.35879	1.35879	3.66873	0.778481	0.188617	1
cg11187427	VPS37D	0.000125432	3.71E-06	0.143481	-6.96958	0.87744	1.02808	1.02808	0.987725	1.00276	1.00276	0.0246714	0.618744	-1.61618	0.795262	1.04777	1.04777	0.0180007	1.6749	1.6749	?	?	?	0.0349804	1.55414	1.55414	0.0052288	0.516273	-1.93696	21.365	9.68582	0.45335	1
cg17750428	VPS37D	0.000384472	0.00459053	1.25753	1.25753	6.06E-05	1.56811	1.56811	0.307509	0.937861	-1.06626	0.000214846	1.45534	1.45534	0.155672	1.09665	1.09665	0.00143115	1.3232	1.3232	0.282204	0.934383	-1.07022	0.105341	1.11345	1.11345	0.0532106	0.875121	-1.1427	15.367	0.897679	0.0519255	1
cg06760169	VPS37D	0.00139854	0.0178238	1.37555	1.37555	0.0771534	0.804494	-1.24302	0.581851	1.0635	1.0635	0.00104101	1.71162	1.71162	0.0593221	1.26575	1.26575	0.00999015	1.43345	1.43345	0.00783826	0.685403	-1.459	0.00363599	0.646901	-1.54583	0.0921273	0.814454	-1.22782	10.6927	2.07529	0.172519	1
cg02143067	VPS37D	0.00229434	0.0047989	0.336808	-2.96905	0.0137532	0.412459	-2.42449	0.105432	0.597896	-1.67253	0.00982298	2.58315	2.58315	0.001574	0.267134	-3.74344	0.183006	0.663096	-1.50808	0.00109614	0.246592	-4.05529	0.454414	0.801266	-1.24803	0.0155465	0.421979	-2.36979	9.26268	12.4027	1.19021	1
cg24114936	VPS37D	0.0331258	0.127281	1.64481	1.64481	0.0264834	2.21192	2.21192	0.358774	1.32944	1.32944	0.101874	1.7166	1.7166	0.0639065	0.533421	-1.87469	0.666631	1.13972	1.13972	0.891867	0.959787	-1.0419	0.00315623	3.37812	3.37812	0.223417	1.4711	1.4711	3.94466	5.68897	1.28195	1
cg15881597	VPS37D	0.0402074	0.341461	1.20605	1.20605	0.443422	0.861264	-1.16108	0.864942	1.03307	1.03307	0.580622	1.11255	1.11255	0.136894	0.736197	-1.35833	0.197342	1.29755	1.29755	0.465484	0.86765	-1.15254	0.00160145	2.37555	2.37555	0.130825	1.36592	1.36592	3.67613	2.12695	0.514296	1
cg03859732	VPS39	3.27E-06	0.000601001	5.91856	5.91856	0.00013782	9.1539	9.1539	0.0540356	0.479662	-2.0848	0.252835	0.669487	-1.49368	1.57E-05	20.0163	20.0163	0.000124798	0.105818	-9.45021	1.63E-06	0.0174093	-57.4406	3.47E-05	0.0679589	-14.7148	0.0141076	0.361405	-2.76698	54.1528	96.7966	1.58886	1
cg14774557	VPS39	6.73E-06	1.87E-05	4.45764	4.45764	0.00610384	1.84769	1.84769	0.149841	1.30319	1.30319	0.297403	0.830866	-1.20356	1.42E-06	8.21179	8.21179	0.0723998	0.70902	-1.4104	2.27E-05	0.233284	-4.28662	0.00121655	0.443921	-2.25265	0.073237	0.709892	-1.40866	44.9507	20.9441	0.414164	1
cg09856295	VPS39	0.000162523	0.000129432	0.289611	-3.4529	0.0558604	0.667891	-1.49725	0.930651	0.983913	-1.01635	0.00131948	0.418669	-2.38852	0.000255927	3.07084	3.07084	0.0011291	0.409466	-2.44221	0.542814	1.12163	1.12163	0.000279495	0.330419	-3.02646	0.099848	0.714619	-1.39935	19.432	10.6849	0.488764	1
cg08883074	VPS39	0.000420412	0.512119	1.05812	1.05812	0.000691457	1.55277	1.55277	0.000127084	1.76226	1.76226	0.0853669	0.850783	-1.17539	0.48909	0.942037	-1.06153	0.101028	0.858477	-1.16485	0.00123768	0.669523	-1.4936	0.0195526	0.786821	-1.27094	0.051431	0.828264	-1.20734	14.9929	1.71436	0.10164	1
cg17818703	VPS39	0.000552118	0.0131665	1.93204	1.93204	0.0025577	2.45074	2.45074	0.00618859	2.14878	2.14878	0.784583	1.06046	1.06046	0.000139843	4.0924	4.0924	0.00793403	0.482208	-2.0738	0.00296737	0.417421	-2.39566	0.710392	0.923196	-1.08319	0.399759	1.20284	1.20284	13.9022	10.1071	0.646234	1
cg04726019	VPS39	0.00319144	0.462802	1.15852	1.15852	0.501598	1.1437	1.1437	0.0915559	0.693664	-1.44162	0.516048	1.13842	1.13842	0.473027	1.15452	1.15452	0.0880877	0.69036	-1.44852	0.000258417	0.306133	-3.26655	0.476105	1.15333	1.15333	0.000834002	0.371559	-2.69136	8.40216	5.15761	0.545638	1
cg18158470	VPS39	0.0172913	0.12402	0.776307	-1.28815	0.164073	0.797946	-1.25322	0.00155596	0.500861	-1.99656	0.323835	1.16754	1.16754	0.0120963	0.621522	-1.60895	0.0296357	0.677583	-1.47583	0.855768	1.02804	1.02804	0.0248672	0.666368	-1.50067	0.805933	0.963273	-1.03813	4.9413	1.80846	0.325324	1
cg18599955	VPS39	0.0498833	0.0262315	1.71499	1.71499	0.0134665	1.86987	1.86987	0.138234	1.38612	1.38612	0.534969	1.13717	1.13717	0.31341	1.23776	1.23776	0.0172312	1.81056	1.81056	0.0871248	1.47175	1.47175	0.095835	1.45383	1.45383	0.234968	0.775181	-1.29002	3.39114	2.24772	0.589175	1
cg21591848	VPS39;VPS39	5.09E-05	0.0233354	0.480574	-2.08084	0.322383	1.31836	1.31836	0.324215	1.3169	1.3169	0.00013102	0.166115	-6.01994	3.24E-06	0.0508731	-19.6568	?	?	?	?	?	?	0.127655	1.56107	1.56107	0.134535	1.54692	1.54692	28.0452	25.2559	1.02919	1
cg11762960	VPS41;VPS41	0.000219736	0.0238947	0.52255	-1.91369	0.00400561	2.53767	2.53767	0.140184	1.46545	1.46545	0.441815	1.20787	1.20787	1.22E-05	0.10824	-9.23871	0.00852607	0.445601	-2.24416	0.463538	0.835545	-1.19682	0.476363	1.19051	1.19051	0.000961049	0.306021	-3.26775	17.9078	16.4464	0.816349	1
cg07325168	VPS41;VPS41	0.00595091	0.0174336	0.332223	-3.01003	0.0248962	2.76304	2.76304	0.642824	0.837107	-1.19459	0.995113	1.00233	1.00233	0.00161749	0.178954	-5.58802	0.0517008	0.430405	-2.32339	0.00434028	0.23429	-4.26821	0.0170844	0.3306	-3.0248	0.123164	0.52949	-1.88861	6.95678	15.9704	2.04059	1
cg27492418	VPS41;VPS41	0.00699234	0.0795621	0.597383	-1.67397	0.222864	1.40371	1.40371	0.125784	1.55054	1.55054	0.000887926	0.267583	-3.73715	0.693623	0.900482	-1.11052	0.00135406	0.291723	-3.42791	0.464934	0.821271	-1.21762	0.420741	0.804307	-1.24331	0.701008	1.10754	1.10754	6.61738	7.34634	0.986808	1
cg27636594	VPS41;VPS41	0.0167532	0.344452	0.821962	-1.2166	0.0129538	0.537414	-1.86076	0.0523724	0.641336	-1.55924	0.0183727	0.562123	-1.77897	0.102289	0.697678	-1.43333	0.472084	1.15866	1.15866	0.155869	1.35756	1.35756	0.0339406	1.6462	1.6462	0.0294784	0.596801	-1.6756	4.99383	3.20603	0.570664	1
cg07273388	VPS41;VPS41	0.0167833	0.553647	0.837793	-1.19361	0.254582	1.42104	1.42104	0.0390581	2.0249	2.0249	0.00361368	0.312388	-3.20114	0.124346	0.611693	-1.63481	0.00423568	0.322741	-3.09846	0.856938	0.948092	-1.05475	0.512248	0.82174	-1.21693	0.37722	0.765176	-1.30689	4.99084	6.89689	1.22836	1
cg07600548	VPS41;VPS41	0.0307849	0.0311467	1.71002	1.71002	0.264101	0.781215	-1.28006	0.238018	0.769386	-1.29974	0.0353524	0.594661	-1.68163	0.1125	0.693172	-1.44264	0.5875	0.89032	-1.12319	0.803631	1.05427	1.05427	0.00715867	2.08876	2.08876	0.6393	0.904724	-1.10531	4.04946	2.88541	0.63337	1
cg27368533	VPS41;VPS41	0.0312701	0.264549	0.772488	-1.29452	0.0368756	0.583834	-1.71282	0.118294	0.686293	-1.4571	0.14877	0.709098	-1.41024	0.0191581	0.533002	-1.87616	0.395246	0.824252	-1.21322	0.304689	1.26612	1.26612	0.301588	1.26818	1.26818	0.00359853	0.416848	-2.39895	4.02695	3.14281	0.693729	1
cg04656769	VPS41;VPS41;VPS41;VPS41	0.00824046	0.0767598	1.27517	1.27517	0.0448295	0.752476	-1.32895	0.00768057	0.655033	-1.52664	0.455007	0.910306	-1.09853	0.00152799	1.7566	1.7566	0.0978887	0.799123	-1.25137	0.656841	1.05677	1.05677	0.155075	0.828689	-1.20673	0.782105	1.03483	1.03483	6.28524	1.51812	0.2147	1
cg17113878	VPS45	8.95E-06	1.46E-05	0.332638	-3.00627	0.102823	0.804164	-1.24353	0.990121	0.998489	-1.00151	0.706749	1.04724	1.04724	1.47E-05	0.33312	-3.00192	0.00877644	0.665247	-1.5032	1.52E-06	0.226313	-4.41866	0.602174	1.06633	1.06633	6.03E-06	0.289714	-3.45168	41.7477	9.86025	0.209944	1
cg03441257	VPS45	0.00458095	0.819692	1.03672	1.03672	0.853314	1.02966	1.02966	0.343892	0.857278	-1.16648	0.0390658	0.685768	-1.45822	9.93E-05	0.335875	-2.9773	0.0564169	0.710942	-1.40658	0.195138	1.24163	1.24163	0.432451	1.13488	1.13488	0.52609	1.10679	1.10679	7.53682	2.97764	0.351181	1
cg11586034	VPS45	0.0116192	0.00995707	0.379754	-2.63329	0.316338	1.36091	1.36091	0.369044	1.31578	1.31578	0.304614	0.728884	-1.37196	0.00215174	0.277557	-3.60286	0.0535349	0.520883	-1.91982	0.0403074	0.494279	-2.02315	0.158639	1.56552	1.56552	0.0326402	0.475348	-2.10372	5.63204	7.89267	1.24568	1
cg05228338	VPS45	0.0313245	0.532489	1.14682	1.14682	0.0193942	0.541999	-1.84502	0.476957	0.854972	-1.16963	0.664535	1.09915	1.09915	0.340811	1.237	1.237	0.175768	1.36605	1.36605	0.00210067	2.55337	2.55337	0.993398	1.00179	1.00179	0.495651	0.860793	-1.16172	4.02445	2.99233	0.660923	1
cg04643103	VPS45	0.0348878	0.160745	0.803379	-1.24474	0.272796	1.1815	1.1815	0.00918287	1.62155	1.62155	0.150627	0.798426	-1.25246	0.0590353	1.36551	1.36551	0.921484	0.985697	-1.01451	0.0233084	0.672918	-1.48607	0.594881	0.924568	-1.08159	0.509789	1.10264	1.10264	3.87162	1.30933	0.300609	1
cg26352401	VPS45	0.0415812	0.297085	0.796359	-1.25572	0.0020484	2.49723	2.49723	0.0984101	1.46488	1.46488	0.338815	0.81247	-1.23082	0.269089	0.784712	-1.27435	0.226127	1.30698	1.30698	0.920255	0.979128	-1.02132	0.516666	0.870665	-1.14855	0.319645	1.24187	1.24187	3.63078	2.55133	0.624616	1

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07231649	VPS45;VPS45	0.00382144	0.00190696	11.0768	11.0768	?	?	?	?	?	?	0.00295842	6.88426	6.88426	?	?	?	?	?	?	?	?	?	?	?	?	0.538547	0.925556	-1.08043	260.848	13.5108	0.0345305	1
cg07909059	VPS45;VPS45	0.022316	0.427648	1.15225	1.15225	0.0158419	1.67726	1.67726	0.0864361	1.39297	1.39297	0.137254	1.32326	1.32326	0.472568	1.13638	1.13638	0.309545	1.20204	1.20204	0.00212454	0.469708	-2.12898	0.788939	1.04807	1.04807	0.600961	1.09675	1.09675	4.5317	2.19782	0.431101	1
cg19907055	VPS4A	0.000454834	0.14305	1.05065	1.05065	0.0148203	0.910179	-1.09868	0.00167088	1.15156	1.15156	0.000981537	0.857401	-1.16631	0.88154	1.00469	1.00469	0.00195503	0.87156	-1.14737	0.0814905	1.06249	1.06249	0.00325874	1.13421	1.13421	0.00241128	1.14188	1.14188	14.6703	0.22898	0.0138741	1
cg03174963	VPS4A	0.00312953	0.0117363	0.618223	-1.61754	0.0187437	1.54516	1.54516	0.750121	1.05002	1.05002	0.0989323	0.758536	-1.31833	0.000620447	0.447285	-2.23571	0.240226	0.828745	-1.20664	0.00208376	0.515915	-1.9383	0.0140325	0.629194	-1.58934	0.234308	0.826582	-1.2098	8.4513	3.12356	0.328529	1
cg02825511	VPS4A	0.0150626	0.450618	0.787826	-1.26932	0.129326	0.601424	-1.66272	0.0101931	2.7322	2.7322	0.0698545	1.87559	1.87559	0.00756197	0.344361	-2.90393	0.57615	1.19151	1.19151	0.0366098	0.470714	-2.12443	0.0799646	0.547308	-1.82713	0.255242	0.691764	-1.44558	5.17356	7.88686	1.35507	1
cg00784051	VPS4A	0.022282	0.398502	0.700808	-1.42692	0.705864	0.855607	-1.16876	0.00747938	0.242624	-4.1216	0.532806	0.771184	-1.29671	0.0255012	0.335637	-2.97941	0.0423412	0.382239	-2.61616	0.00284496	0.184625	-5.41638	0.196969	1.75245	1.75245	0.272671	0.625275	-1.5993	4.53407	12.1469	2.38137	1
cg00596184	VPS4A	0.0251721	0.07932	0.451075	-2.21692	0.0697908	2.29051	2.29051	0.0489838	0.399027	-2.5061	0.0197687	3.15955	3.15955	0.79339	0.898272	-1.11325	0.357889	0.679474	-1.47173	0.0769987	0.447666	-2.23381	0.0235954	3.01876	3.01876	0.808501	0.905524	-1.10433	4.34685	11.5006	2.35177	1
cg16700650	VPS4A	0.0260775	0.79368	1.0793	1.0793	0.0430136	1.96992	1.96992	0.0203281	2.25788	2.25788	0.0751146	1.7808	1.7808	0.481843	1.2314	1.2314	0.0167273	0.427238	-2.34062	0.03039	0.476662	-2.09792	0.491561	1.22558	1.22558	0.640435	1.1468	1.1468	4.29361	5.76514	1.19353	1
cg01115243	VPS4A	0.0264796	0.255086	1.31919	1.31919	0.0011515	3.04558	3.04558	0.470114	1.18686	1.18686	0.557879	0.870955	-1.14816	0.223933	0.742403	-1.34698	0.824239	0.949463	-1.05323	0.239252	1.33286	1.33286	0.0159873	1.98902	1.98902	0.517043	1.1655	1.1655	4.27069	3.67635	0.765185	1
cg10120807	VPS4A	0.0433353	0.0472899	0.182809	-5.47018	0.726036	1.30134	1.30134	0.188801	0.352607	-2.83602	0.70197	0.749863	-1.33358	0.0438098	0.176427	-5.66807	0.0343175	0.157469	-6.35044	0.011621	0.0942534	-10.6097	0.0970534	3.91004	3.91004	0.163913	0.328845	-3.04094	3.5755	31.7434	7.89159	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg12831729	VPS8;VPS8	0.0137003	0.29203
cg11036980	VPS8;VPS8	0.0149435	0.828135
cg20497667	VPS8;VPS8	0.0170361	0.00932428
cg10662968	VPS8;VPS8	0.0181953	0.170666
cg22530449	VPS8;VPS8	0.019271	0.972806
cg22614748	VPS8;VPS8	0.0277877	0.0717455
cg04685187	VPS8;VPS8	0.0383269	0.65681
cg03046703	VRK1	0.000375719	0.382132
cg19638039	VRK1	0.00135199	0.830829
cg26685539	VRK1	0.00354073	0.10863
cg10971750	VRK1	0.0132153	0.241683
cg12079353	VRK1	0.014032	0.878395
cg10052017	VRK1	0.0154607	0.934303
cg07586331	VRK1	0.0224909	0.874786
cg14471727	VRK1	0.0294474	0.568997
cg06562570	VRK1	0.030303	0.194576
cg22922810	VRK1	0.0327613	0.336424
cg13226328	VRK1	0.0357941	0.0102227
cg10538494	VRK1;VRK1	2.96E-06	0.230819
cg00869533	VRK2;FANCL;VRK2;FANCL;VRK2;VRK2;VRK2;VRK2	8.31E-05	0.079191
cg03092551	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	2.15E-05	1.10E-05
cg20604286	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	2.99E-05	9.39E-06
cg18998670	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	0.00237305	0.00048688
cg00610000	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	0.0129356	0.00871169
cg22346380	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	0.0470049	0.0377556
cg11918822	VRK3;VRK3	0.000128842	6.94E-06
cg18679732	VRK3;VRK3	0.00827429	0.735282
cg05563107	VRK3;VRK3;ZNF473;ZNF473;VRK3;VRK3	0.0490138	0.0161762
cg13537276	VRK3;ZNF473;ZNF473;VRK3	3.49E-05	0.0709821
cg22600079	VRK3;ZNF473;ZNF473;VRK3	0.00322324	0.953283
cg01879458	VRK3;ZNF473;ZNF473;VRK3;ZNF473;ZNF473	0.0461868	0.283121
cg05592406	VSIG10	0.00481373	0.715634
cg12583550	VSIG10L	0.00878452	0.00610986
cg07056626	VSIG10L	0.0294066	0.0214814
cg19342876	VSIG10L	0.0325872	0.0361634
cg05280762	VSIG1;VSIG1	0.0218281	0.213854
cg17921115	VSIG1;VSIG1;VSIG1;VSIG1	0.0475916	0.520739
cg01738406	VSIG2	0.00075831	0.00531358
cg26710209	VSIG2	0.000887023	0.0667718
cg24942416	VSIG2	0.0167318	0.00336529
cg05207620	VSIG2	0.0196768	0.016643
cg10313947	VSIG2	0.0277408	0.0399025
cg02082342	VSIG2	0.0313621	0.0978768
cg21929875	VSIG2;VSIG2	0.0262727	0.532244
cg02811156	VSIG4;VSIG4	0.000655307	0.000369164
cg26561773	VSIG4;VSIG4	0.00160128	0.00608867
cg16786117	VSIG4;VSIG4	0.00480625	0.119866
cg15166523	VSIG4;VSIG4	0.0292045	0.21923
cg04625493	VSIG4;VSIG4	0.0487032	0.0291926
cg12124912	VSIG4;VSIG4;VSIG4;VSIG4	0.000909281	0.00106793
cg08937612	VSIG8	0.0169735	0.280248
cg09369381	VSIG8;C1orf204	0.0108128	0.14126
cg00303378	VSIG8;C1orf204	0.0155878	0.0278816
cg17986992	VSIG8;C1orf204	0.0188868	0.0337768
cg12217625	VSIG8;C1orf204	0.0416886	0.0441282
cg15842317	VSIG8;C1orf204	0.0486604	0.0699391
cg24632139	VSIG8;VSIG8	0.0465603	0.012969
cg04084892	VSNL1	1.20E-05	0.708064
cg11509669	VSNL1	2.43E-05	4.72E-06
cg08031368	VSNL1	3.24E-05	0.299765
cg10979547	VSNL1	0.000488262	0.0123302
cg19570640	VSNL1	0.00167034	0.974022
cg14935626	VSNL1	0.00187226	0.0605396
cg25306927	VSNL1	0.0112999	0.0328829
cg15378579	VSNL1	0.0280532	0.530736
cg04112417	VSNL1	0.0460188	0.777363
cg02901321	VSNL1	0.0481428	0.258944
cg18735601	VSNL1	0.0493979	?
cg17430393	VSNL1;VSNL1	0.000472493	0.562111
cg01307387	VSNL1;VSNL1	0.000534716	0.276021
cg12315311	VSTM1	5.61E-06	0.000117093
cg26631127	VSTM1	0.00733679	0.961171
cg23532828	VSTM1	0.0119697	0.0433525
cg02887114	VSTM1	0.0182115	0.00480637
cg01718139	VSTM1	0.0254266	0.427791
cg08479752	VSTM1	0.0358461	0.75004
cg17783317	VSTM1;VSTM1	6.34E-06	0.00149284
cg16276856	VSTM2A	0.0204993	0.00256878
cg03265969	VSTM2A	0.0294154	0.618967
cg06584494	VSTM2A	0.037777	0.347005
cg02910208	VSTM2A;VSTM2A	0.00191174	0.0047379
cg14304469	VSTM2A;VSTM2A	0.0456521	0.196386
cg27058257	VSTM2B	1.29E-05	0.767792
cg25690537	VSTM2B	0.000134326	0.596367
cg05984554	VSTM2B	0.000204874	0.968704
cg01464835	VSTM2B	0.00124048	0.000129088
cg18716164	VSTM2B	0.00701569	0.0434819
cg10836101	VSTM2B	0.00753229	0.0810256
cg22143289	VSTM2B	0.0206734	0.908613
cg04756279	VSTM2B	0.0237956	0.904914
cg04711162	VSTM2B	0.0491325	0.517983
cg09565639	VSTM2L	0.00013259	0.011025
cg19982031	VSTM2L	0.00415547	0.00713578
cg19438514	VSTM2L	0.00457636	0.00189917
cg24147187	VSTM2L	0.00885109	0.00625349
cg17071589	VSTM2L	0.0382691	0.73499
cg11599505	VSTM2L	0.0473009	0.282974
cg01005322	VSX1;VSX1	0.026559	0.394152
cg24197091	VSX2	0.000126502	0.0101755
cg02084669	VSX2	0.000421104	0.402452
cg17661928	VSX2	0.000535499	8.36E-05
cg13575339	VSX2	0.000646148	0.000446036
cg01974141	VSX2	0.00287531	0.000891149
cg11176135	VSX2	0.00383335	0.0119364
cg11132536	VSX2	0.00627182	0.472482
cg14162120	VSX2	0.00694041	0.0041907
cg11525285	VSX2	0.00953254	0.133789
cg12827555	VSX2	0.0118445	0.0411695
cg23118730	VSX2	0.013148	0.0252113
cg08255017	VSX2	0.0155983	0.000501799
cg15416329	VSX2	0.0185895	0.0954379
cg09954698	VSX2	0.023713	0.0483673
cg13586608	VSX2	0.0278569	0.102033
cg19907607	VSX2	0.0301915	0.325412
cg05829782	VSX2	0.0360751	0.789398
cg13074788	VSX2	0.0387347	0.893688
cg02013961	VTA1	6.65E-05	4.60E-07
cg04399615	VTA1	0.00410356	?
cg23833425	VTA1	0.0111518	0.00394803
cg13289431	VTA1	0.0137246	0.238481
cg16408593	VTCN1	0.000297919	0.0737336
cg20821424	VTCN1	0.000583307	0.311582
cg15597855	VTCN1	0.00137608	0.109293
cg27055365	VTCN1	0.00143153	0.131759
cg09035152	VTCN1	0.00991452	0.0134832
cg08936501	VTCN1	0.0196886	0.0101366
cg27446185	VTCN1	0.0221006	0.102575
cg22424746	VTCN1	0.0237264	0.186296
cg19309752	VTCN1	0.0312233	0.30225
cg17494585	VTCN1	0.0462971	0.245007
cg04923845	VTI1A	0.000264635	0.000282947
cg26094842	VTI1A	0.000806371	0.000962599
cg18537205	VTI1A	0.000939876	0.0163606
cg06675904	VTI1A	0.00098886	0.00162986
cg13824500	VTI1A	0.00237579	0.000858549
cg24058852	VTI1A	0.00286884	0.212666
cg08566056	VTI1A	0.00604191	0.0426189
cg05575393	VTI1A	0.0100856	0.0942841
cg06246935	VTI1A	0.0107951	0.00506498

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25673462	VTI1A	0.0168806	0.016158	0.443318	-2.25572	0.100931	0.60859	-1.64314	0.19079	0.681851	-1.4666	0.921307	0.973055	-1.02769	0.351524	0.767173	-1.30349	0.00048343	0.220283	-4.53961	0.140438	0.645079	-1.5502	0.88889	0.962095	-1.0394	0.0286106	0.489748	-2.04187	4.98121	6.0285	1.07578	1
cg03281572	VTI1A	0.0179086	0.0307654	0.619408	-1.61445	0.0126599	0.557045	-1.79519	0.0466798	0.65049	-1.5373	0.668566	0.921907	-1.08471	0.291655	0.813365	-1.22946	0.0129278	1.79062	1.79062	0.979857	0.995245	-1.00478	0.493788	1.14019	1.14019	0.0160688	0.573357	-1.74411	4.88348	2.75687	0.501804	1
cg04758273	VTI1A	0.0241759	0.831094	1.07947	1.07947	0.00374524	0.246301	-4.06007	0.0246132	0.383564	-2.60713	0.318861	1.44601	1.44601	0.103397	0.528513	-1.8921	0.745215	0.889825	-1.12382	0.20021	1.62325	1.62325	0.0546065	2.1827	2.1827	0.231094	0.637809	-1.56787	4.40823	8.94804	1.80431	1
ch.10.2404278	VTI1A	0.0340705	0.0140424	0.23537	-4.24864	0.0282047	0.290496	-3.44238	0.0367507	0.314289	-3.18179	0.0896435	0.409584	-2.4415	0.0146349	0.238363	-4.19528	0.17133	0.499189	-2.00325	0.00777228	0.195834	-5.10637	0.0489132	0.342079	-2.9233	0.137587	0.466352	-2.14431	3.90492	14.0737	3.20364	1
ch.10.2401894	VTI1A	0.0356787	0.643279	0.893994	-1.11858	0.0736678	1.61463	1.61463	0.223355	1.35989	1.35989	0.144233	0.685985	-1.45776	0.0727365	0.618156	-1.61772	0.00424838	0.398759	-2.50778	0.0774759	0.624037	-1.60247	0.202827	0.72395	-1.38131	0.323681	0.782773	-1.27751	3.84031	3.51131	0.812738	1
cg00979289	VTI1A	0.0491898	0.555909	0.887705	-1.1265	0.882344	0.97082	-1.03006	0.125356	1.39336	1.39336	0.104902	1.42528	1.42528	0.0101452	1.91259	1.91259	0.529348	0.880357	-1.1359	0.0159296	1.80449	1.80449	0.134422	0.724145	-1.38094	0.597721	1.11236	1.11236	3.40922	2.15916	0.562961	1
cg13320518	VTI1A;VTI1A;ZDHHC6	0.012704	0.0417393	1.66067	1.66067	0.643156	1.10608	1.10608	0.234444	1.30909	1.30909	0.707207	1.08496	1.08496	0.135023	1.41647	1.41647	0.000485242	0.306679	-3.26074	0.67195	1.09642	1.09642	0.806097	1.05458	1.05458	0.2002	1.33966	1.33966	5.47111	4.04632	0.657405	1
cg21242004	VTI1A;ZDHHC6	0.00233085	0.00198618	0.109266	-9.15197	0.00110387	0.0873275	-11.4511	0.0163431	0.225807	-4.42856	0.192774	0.497203	-2.01125	0.00474887	0.149432	-6.692	0.0108223	0.197402	-5.0658	0.000326637	0.0526754	-18.9842	0.154618	0.461937	-2.1648	0.0100847	0.192854	-5.18528	9.21989	37.5244	3.61772	1
cg03584380	VTI1A;ZDHHC6	0.0364833	0.868336	0.961013	-1.04057	0.201415	0.723705	-1.38178	0.0211613	1.94324	1.94324	0.192793	0.718653	-1.39149	0.152483	1.44389	1.44389	0.301701	0.773777	-1.29236	0.0204875	1.95277	1.95277	0.39883	1.23003	1.23003	0.0186827	1.98026	1.98026	3.80932	3.46611	0.808802	1
cg17872476	VTI1A;ZDHHC6	0.0382789	0.184493
cg15939466	VTI1A;ZDHHC6	0.0389147	0.10143
cg26879696	VTI1A;ZDHHC6;VTI1A	0.0417125	0.0558302
cg12143431	VTI1A;ZDHHC6;ZDHHC6	0.0198918	0.0180233
cg03882923	VTI1B	5.70E-05	0.927772
cg18567504	VTI1B	0.0111376	0.0807182
cg01850934	VTI1B	0.015382	?
cg13912060	VTI1B	0.016245	0.753053
cg00761861	VTI1B	0.019199	0.0299705
cg05002602	VTI1B	0.0242001	0.0822649
cg04269351	VTI1B	0.0394789	0.55059
cg01079307	VTI1B	0.0468432	0.472503
cg05102422	VTI1B;ARG2	0.0079055	0.0592821
cg01149132	VTI1B;VTI1B	0.0403997	0.545391
cg14331858	VTN;SEBOX	0.0211419	0.0158206
cg16179182	VTRNA1-1	0.0492638	0.0827583
cg05174942	VTRNA1-2	0.000169381	0.632375
cg25984996	VTRNA1-2	0.000742728	0.20693
cg00500100	VTRNA1-2	0.0020789	0.000216602
cg11807153	VTRNA1-2	0.0171348	0.0562413
cg13303313	VTRNA1-2	0.0172245	0.00396418
cg21161173	VTRNA1-2	0.0216852	0.709817
cg15697852	VTRNA1-2	0.0229363	0.00168557
cg19065177	VTRNA1-3	3.78E-06	0.796857
cg02529723	VTRNA1-3	6.19E-05	0.60232
cg19573859	VTRNA1-3	0.00024234	0.00237594
cg08777304	VTRNA1-3	0.000724631	0.12176
cg23910413	VTRNA1-3	0.00181803	0.00431071
cg25432019	VTRNA1-3	0.00245803	0.130206
cg01063759	VTRNA1-3	0.0336802	0.704926
cg13897675	VWA1;VWA1	2.02E-06	0.31268
cg09843049	VWA1;VWA1	6.63E-05	0.000272041
cg25234611	VWA1;VWA1	0.00422981	0.0247882
cg03538326	VWA1;VWA1	0.00576786	0.301591
cg26795248	VWA1;VWA1	0.0109213	0.00241713
cg14271665	VWA1;VWA1	0.0113181	0.130381
cg03116557	VWA1;VWA1	0.0157503	0.448764
cg02896318	VWA1;VWA1	0.0195519	0.00248473
cg20050194	VWA2	1.54E-05	0.000204331
cg18002339	VWA2	0.000880843	0.80344
cg14613617	VWA2	0.00112355	0.00408405
cg22923514	VWA2	0.00191843	0.00972512
cg10407585	VWA2	0.00349881	0.00354631
cg20212699	VWA2	0.00675972	0.00261141
cg02107824	VWA2	0.00901949	0.925528
cg24242022	VWA2	0.010921	0.070008
cg06443354	VWA2	0.01734	0.942839
cg05311383	VWA2	0.0184492	0.018999
cg03308986	VWA2	0.02046	0.0798065
cg26425933	VWA2	0.0208224	0.827048
cg16811695	VWA2	0.0216128	0.304176
cg24882714	VWA2	0.0334143	0.74913
cg13084429	VWA2;VWA2	0.000209327	0.0292713
cg26700407	VWA3A	2.02E-06	8.33E-06
cg00343305	VWA3A	2.38E-05	0.000139143
cg26532102	VWA3A	0.00189951	0.000487853
cg02843201	VWA3A	0.0146456	0.23145
cg05051606	VWA3A	0.022283	0.238597
cg13928411	VWA3A	0.0225251	0.452679
cg10280035	VWA3B	2.10E-07	0.0315265
cg09350013	VWA3B	6.14E-05	0.532376
cg06629453	VWA3B	7.65E-05	0.278266
cg09741917	VWA3B	0.000210993	0.00468263
cg12221689	VWA3B	0.000217741	0.85796
cg20343195	VWA3B	0.000449442	0.000902336
cg25540032	VWA3B	0.00175304	0.0902784
cg17915676	VWA3B	0.00198284	0.159041
cg24275730	VWA3B	0.00205114	0.000682476
cg16002963	VWA3B	0.00325912	0.579423
cg12185938	VWA3B	0.00579616	0.913801
cg16408856	VWA3B	0.00703022	0.636256
cg27255447	VWA3B	0.00777221	0.514422
cg16326590	VWA3B	0.0091968	0.0119726
cg04952336	VWA3B	0.014537	0.927745
cg14065224	VWA3B	0.0147688	0.111824
cg05044134	VWA3B	0.0177252	0.036261
cg00884445	VWA3B	0.0189673	0.56996
cg10664993	VWA3B	0.0233705	0.343234
cg17515747	VWA3B	0.0285675	0.164488
cg25656237	VWA3B	0.0437054	0.700109
cg09247362	VWA5A;VWA5A;VWA5A	4.27E-05	7.58E-06
cg03673190	VWA5A;VWA5A;VWA5A	0.00142998	0.0212276
cg05765761	VWA5A;VWA5A;VWA5A	0.00829704	0.351739
cg04693329	VWA5A;VWA5A;VWA5A	0.0366376	0.283567
cg23735296	VWA5A;VWA5A;VWA5A;VWA5A;VWA5A;VWA5A	0.0330291	0.584871
cg09994724	VWA5A;VWA5A;VWA5A;VWA5A;VWA5A;VWA5A	0.0426294	0.0165483
cg13463492	VWA5B1	0.00089393	0.12553
cg17023923	VWA5B1	0.00196148	0.011966
cg00433406	VWA5B1	0.00661376	0.11912
cg00346208	VWA5B1	0.00675957	0.148217
cg05805297	VWA5B1	0.0157349	0.0302852
cg02195657	VWA5B1	0.0279715	0.0262015
cg04552470	VWA5B1	0.0298015	0.0307298
cg06377106	VWA5B1	0.0436402	0.0207542
cg04637372	VWA5B1;VWA5B1	0.00475343	0.0088417
cg25745746	VWA5B1;VWA5B1	0.00688784	0.00957577
cg07952156	VWA5B2	0.000433652	9.23E-06
cg23762779	VWA5B2	0.00059293	0.311193
cg16625004	VWA5B2	0.00915314	0.0282509
cg26870570	VWA5B2	0.0104353	0.131726
cg24950182	VWA5B2	0.0123522	0.661832
cg24363374	VWA5B2	0.0146201	0.0714714
cg23155810	VWA5B2	0.0195194	0.0148431
cg08411860	VWA5B2	0.0216824	0.325401
cg04490945	VWA5B2	0.0434944	0.0416881
cg21545762	VWA5B2;MIR1224	6.57E-05	0.00114329
cg00299558	VWA5B2;MIR1224	8.19E-05	0.000250768
cg03981074	VWA5B2;MIR1224	0.00247026	0.00239827
cg01026256	VWA5B2;MIR1224	0.0041085	0.00107246
cg23059797	VWA5B2;MIR1224	0.0281401	0.0172045
cg09616647	VWA5B2;MIR1224	0.0293306	0.883821
cg20066716	VWC2	0.000506258	2.45E-05
cg06528267	VWC2	0.00380247	0.252079
cg07622201	VWC2	0.010296	0.285984
cg03069122	VWC2	0.0144127	0.234524
cg00333226	VWC2	0.0202268	0.400187
cg09493505	VWC2	0.0209302	0.218101
cg26533595	VWC2	0.0401497	0.441791
cg23429036	VWC2L	0.00266619	0.115567
cg10181281	VWC2L	0.0247446	0.0777813
cg06580419	VWC2L	0.031474	0.0311995
cg08807918	VWC2L	0.0356294	0.0741417
cg21223159	VWC2L	0.0433864	0.0196724
cg06282270	VWCE	0.000732727	0.00433195
cg01698298	VWCE	0.000854348	0.00083876
cg27175288	VWCE	0.00175992	0.140143
cg09676684	VWCE	0.00362466	0.0028494
cg05190577	VWCE	0.00828939	0.0434365
cg07402729	VWCE	0.0166795	0.226338
cg26181939	VWCE	0.0241651	0.0170882
cg15843331	VWCE	0.0299364	0.049588

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07250758	VWCE	0.029961	0.0232709	5.14906	5.14906	0.00579928	8.881	8.881	0.0281339	4.79187	4.79187	0.32134	1.85737	1.85737	0.109198	2.87352	2.87352
cg13388111	VWCE;VWCE	0.000610091	0.0166247	0.728553	-1.37258	0.0933469	0.81884	-1.22124	0.144985	0.844089	-1.18471	0.0297829	0.758112	-1.31907	0.00500458	0.668863	-1.49507
cg04017555	VWCE;VWCE	0.00890851	0.5926	0.937739	-1.0664	0.0226721	0.722729	-1.38364	0.225619	1.16353	1.16353	0.909519	1.01362	1.01362	0.519999	1.08071	1.08071
cg03579179	VWDE	7.07E-05	0.000223942	0.391361	-2.55519	0.0140144	1.58953	1.58953	0.382969	1.14645	1.14645	0.0343389	1.45805	1.45805	0.016134	1.56781	1.56781
cg19397885	VWDE	0.000557737	0.00851336	0.518129	-1.93002	0.00194369	2.35928	2.35928	0.0167785	1.77103	1.77103	0.230476	1.27935	1.27935	0.00511558	2.06341	2.06341
cg23238719	VWDE	0.00223645	0.00609917	0.53988	-1.85227	0.119036	0.747282	-1.33818	0.0339681	0.652974	-1.53145	0.0206041	0.61869	-1.61632	0.322574	0.838669	-1.19237
cg06484146	VWDE	0.0023377	0.00171964	0.192805	-5.18659	0.00859905	3.43157	3.43157	0.0626737	2.16132	2.16132	0.445329	1.33144	1.33144	0.12234	1.85164	1.85164
cg20607287	VWDE	0.00540363	0.0415836	0.282554	-3.53915	0.0119957	5.39701	5.39701	0.100673	2.63074	2.63074	0.631779	1.29658	1.29658	0.457067	1.50292	1.50292
cg10578991	VWDE	0.0244092	0.0393562	0.285144	-3.507	0.0101963	5.50256	5.50256	0.445034	1.50654	1.50654	0.642724	1.27878	1.27878	0.921533	0.949459	-1.05323
cg05611837	VWF	2.43E-09	0.0315528	1.11702	1.11702	2.25E-05	1.4518	1.4518	0.000177183	0.75658	-1.32174	3.13E-10	0.207272	-4.82458	9.09E-10	0.25253	-3.95992
cg25027788	VWF	3.46E-05	0.000895127	4.55408	4.55408	0.000729957	4.78492	4.78492	?	?	?	0.000187562	6.83031	6.83031	0.0011875	4.25902	4.25902
cg03761750	VWF	4.57E-05	0.0175475	0.437839	-2.28395	0.627921	0.869741	-1.14977	0.119449	0.617037	-1.62065	0.667519	1.13144	1.13144	4.81E-06	0.0504335	-19.8281
cg12199406	VWF	0.000311566	0.00623622	0.289019	-3.45998	0.0829152	0.512452	-1.9514	0.0347411	0.424436	-2.35607	0.0479915	0.455173	-2.19697	3.85E-05	0.0640713	-15.6076
cg20837463	VWF	0.000467301	0.00369805	4.40657	4.40657	0.000552229	7.5937	7.5937	0.155357	1.77684	1.77684	0.033392	2.55967	2.55967	0.0024241	4.93518	4.93518
cg00808053	VWF	0.000492129	0.00218364	0.666934	-1.4994	0.0460087	1.24049	1.24049	0.31424	1.10305	1.10305	0.0141511	0.751775	-1.33018	8.12E-05	0.511741	-1.95411
cg17349143	VWF	0.00164678	0.877269	0.975902	-1.02469	0.580953	0.91576	-1.09199	0.851206	0.970795	-1.03008	0.182915	1.24991	1.24991	0.358447	1.16073	1.16073
cg09836827	VWF	0.00184106	0.791993	1.06352	1.06352	0.636393	1.11735	1.11735	0.00126283	0.334005	-2.99396	0.820821	1.05428	1.05428	0.000132676	0.213489	-4.68408
cg04053108	VWF	0.00200721	0.00971341	4.07688	4.07688	0.000910651	8.4204	8.4204	0.0584637	2.50548	2.50548	0.109874	2.11428	2.11428	0.00724062	4.43097	4.43097
cg01006193	VWF	0.00365805	0.727596	0.963858	-1.0375	0.119384	0.837025	-1.19471	0.344774	1.10787	1.10787	0.251056	1.13456	1.13456	0.0399771	0.778874	-1.2839
cg06730678	VWF	0.00460767	0.00259471	15.8233	15.8233	0.00833639	9.30817	9.30817	0.118291	3.07128	3.07128	0.0259896	5.74589	5.74589	0.873359	0.899833	-1.11132
cg14120112	VWF	0.0060971	0.103317	0.558186	-1.79152	0.988068	1.00491	1.00491	0.00125307	0.213946	-4.67407	0.108239	0.563593	-1.77433	0.000405392	0.158901	-6.29324
cg26796518	VWF	0.00710212	0.862647	0.920953	-1.08583	0.458325	1.43206	1.43206	0.0220824	0.271091	-3.68879	0.279845	0.586115	-1.70615	0.000628627	0.0821277	-12.1762
cg11803589	VWF	0.00840034	0.00941704	0.174922	-5.71683	0.00228354	0.10441	-9.57762	0.0880931	0.369015	-2.70992	0.140697	0.431986	-2.31489	0.00258319	0.109447	-9.13682
cg01639943	VWF	0.0132843	0.487576	0.709006	-1.41043	0.066079	0.365921	-2.73283	0.106018	0.422813	-2.36511	0.0562669	0.348514	-2.86933	0.00865195	0.195522	-5.11451
cg17045790	VWF	0.014092	0.0844346	0.598483	-1.67089	0.611473	0.871292	-1.14772	0.00254442	0.324243	-3.0841	0.25778	1.37384	1.37384	0.0103264	0.419352	-2.38463
cg26819609	VWF	0.016289	0.0214673	3.28756	3.28756	0.00561923	4.78767	4.78767	0.119253	2.07164	2.07164	0.898255	1.05666	1.05666	0.843761	1.08872	1.08872
cg15866021	VWF	0.0167175	0.908956	0.956336	-1.04566	0.097056	0.491272	-2.03553	0.0676493	0.449804	-2.22319	0.926022	1.03691	1.03691	0.00072672	0.13459	-7.42998
cg06539924	VWF	0.0191163	0.943901	0.973548	-1.02717	0.128141	1.87114	1.87114	0.0624587	0.449885	-2.22279	0.94089	0.972145	-1.02865	0.0046541	0.238419	-4.1943
cg25884442	VWF	0.0229686	0.0762911	0.648429	-1.54219	0.763573	1.06851	1.06851	0.0123559	0.504496	-1.98218	0.187847	0.735972	-1.35875	0.727864	1.07975	1.07975
cg08618413	VWF	0.0300527	0.109161	0.710626	-1.40721	0.584511	1.11403	1.11403	0.237072	0.784874	-1.27409	0.00145007	0.406649	-2.45912	0.488035	0.871303	-1.14771
cg15104126	VWF	0.0310425	0.353484	0.854944	-1.16967	0.0901174	0.735925	-1.35883	0.00427322	0.533928	-1.87291	0.0490656	0.691542	-1.44604	0.107952	0.749814	-1.33366
cg19878637	VWF	0.0344027	0.278016	0.752514	-1.32888	0.0214442	0.498313	-2.00677	0.00330684	0.364755	-2.74157	0.45116	0.824063	-1.2135	0.00684864	0.413643	-2.41754
cg24427724	VWF	0.0388334	0.0115867	0.245792	-4.06848	0.104334	0.45413	-2.20201	0.249084	0.585325	-1.70845	0.0249279	0.305303	-3.27544	0.005952	0.202124	-4.94747
cg00955290	WAC;WAC;WAC	0.0050261	0.586787	0.908805	-1.10035	0.987645	1.0027	1.0027	0.0182568	1.64747	1.64747	0.535893	1.11542	1.11542	0.30429	0.830786	-1.20368
cg13937841	WAC;WAC;WAC	0.0115002	0.730543	0.972325	-1.02846	0.136674	1.14064	1.14064	0.00741235	1.33853	1.33853	0.053421	0.833937	-1.19913	0.614663	1.0421	1.0421
cg05797732	WAC;WAC;WAC	0.0128776	0.0968557	0.463995	-2.1552	0.662025	1.20361	1.20361	0.0835333	0.446173	-2.24128	0.0480212	0.385861	-2.59161	0.00608815	0.221163	-4.52156
cg09847027	WAC;WAC;WAC	0.0218327	0.415129	1.13179	1.13179	0.0104565	0.619385	-1.61451	0.127409	1.27762	1.27762	0.423777	0.885662	-1.1291	0.0753096	0.74504	-1.34221
cg15807973	WAPAL	0.000104696	0.00176021	0.629932	-1.58747	0.0215481	1.33142	1.33142	0.174766	1.16146	1.16146	7.44E-06	0.35952	-2.78148	0.0610008	0.803348	-1.24479
cg10750945	WAPAL	0.00209668	0.929348	1.03244	1.03244	0.0654222	2.10553	2.10553	0.0335471	2.44495	2.44495	0.000982109	0.171302	-5.83764	0.516516	0.789132	-1.26722
cg16119628	WAPAL	0.00881382	0.626455	1.05427	1.05427	0.279429	1.1288	1.1288	0.0119126	1.40233	1.40233	0.0630205	0.798264	-1.25272	0.0154925	0.726189	-1.37705
cg03615063	WAPAL	0.0154294	0.32579	0.744775	-1.34269	0.00948251	0.384951	-2.59773	0.0259201	0.463951	-2.1554	0.489226	1.22634	1.22634	0.00486591	0.338154	-2.95723
cg19596653	WAPAL	0.0222869	0.210356	1.20939	1.20939	0.0382172	1.41336	1.41336	0.00211479	1.86348	1.86348	0.57116	0.920872	-1.08593	0.334527	0.866447	-1.15414
cg00049400	WARS2;WARS2	6.06E-07	0.449991	1.1974	1.1974	0.875041	0.963839	-1.03752	6.69E-07	0.0420665	-23.7719	0.576394	0.876262	-1.14121	0.57715	0.876497	-1.14091
cg12649340	WARS2;WARS2	0.000210379	0.00309725	0.234232	-4.26927	0.264647	1.51729	1.51729	0.000701242	0.156744	-6.37984	0.871805	1.05962	1.05962	0.546713	0.803543	-1.24449
cg06124110	WARS2;WARS2	0.0072769	0.00038442	0.438628	-2.27984	0.131984	0.789423	-1.26675	0.0607025	0.735255	-1.36007	0.0231004	0.673624	-1.48451	0.00454064	0.577039	-1.73299
cg07179825	WARS2;WARS2	0.00888492	0.00938978	0.345169	-2.89713	0.107991	0.567544	-1.76198	0.00144844	0.22617	-4.42145	0.717673	0.889337	-1.12443	0.0210353	0.408013	-2.4509
cg26574895	WARS2;WARS2	0.0185043	0.178294	1.17742	1.17742	0.410085	0.908281	-1.10098	0.00762544	0.675858	-1.4796	0.364918	1.11217	1.11217	0.68977	1.04689	1.04689
cg19167034	WARS2;WARS2	0.0206293	0.0986803	0.706291	-1.41585	0.00602035	0.491883	-2.033	0.220607	0.782185	-1.27847	0.387403	0.845063	-1.18334	0.0477264	1.54917	1.54917
cg20284025	WARS2;WARS2	0.0226636	0.972996	1.00842	1.00842	0.0044066	2.56363	2.56363	0.254184	1.34297	1.34297	0.42861	0.818619	-1.22157	0.727196	0.916916	-1.09061
cg20961014	WARS2;WARS2	0.049335	0.59126	1.22551	1.22551	0.0162458	0.332013	-3.01193	0.119725	0.530855	-1.88375	0.193345	1.67587	1.67587	0.014145	0.321169	-3.11362
cg11145643	WARS;WARS;WARS;WARS	0.0011024	0.00054921	0.363849	-2.7484	0.547131	0.891565	-1.12162	0.189329	0.769564	-1.29944	0.578771	0.899741	-1.11143	3.39E-05	0.22025	-4.5403
cg16742664	WARS;WDR25;WARS;WARS;WDR25;WARS;WARS;WARS	0.00047477	0.000455527	0.550807	-1.81552	0.000796016	1.72817	1.72817	0.00177702	1.61686	1.61686	0.0401504	0.774084	-1.29185	0.00092155	0.585927	-1.7067
cg18125510	WARS;WDR25;WARS;WARS;WDR25;WARS;WARS;WARS	0.00283836	0.00341713	0.193164	-5.17695	0.000219145	0.0783697	-12.76	0.00741446	0.240356	-4.1605	0.0428636	0.381626	-2.62037	0.0346428	0.361304	-2.76775
cg04899753	WARS;WDR25;WARS;WDR25;WARS;WARS	4.52E-05	0.000110439	0.204956	-4.8791	0.000252463	0.245241	-4.07762	0.149354	0.697571	-1.43355	0.00396354	0.405523	-2.46595	0.000914169	3.1728	3.1728
cg19434303	WARS;WDR25;WARS;WDR25;WARS;WARS	0.0160613	0.00789988	0.584277	-1.71152	0.0591448	0.71458	-1.39942	0.0341071	0.677051	-1.47699	0.048913	0.701407	-1.42571	0.145178	0.781345	-1.27985
cg18316528	WARS;WDR25;WDR25;WARS	0.0437812	0.790564	0.960587	-1.04103	0.576965	1.08886	1.08886	0.0288823	1.47584	1.47584	0.502783	0.902363	-1.1082	0.875913	1.02389	1.02389
cg00078867	WAS	0.00392796	0.672007	1.12388	1.12388	0.00446948	0.353558	-2.82839	0.018583	0.457221	-2.18713	0.00964652	0.407276	-2.45534	0.00455747	0.35486	-2.81801
cg23129452	WAS	0.00456205	0.235325	1.45034	1.45034	0.00157235	0.257358	-3.88563	0.0068607	0.351153	-2.84776	0.0743564	0.551934	-1.81181	0.00180919	0.265516	-3.76626
cg11654838	WAS	0.0146134	0.100187	0.477221	-2.09547	0.14026	0.52117	-1.91876	0.0105986	0.26709	-3.74405	0.0994578	0.476317	-2.09944	0.000589269	0.112987	-8.85055
cg05070565	WAS	0.0234883	0.400946	1.26755	1.26755	0.711623	0.902672	-1.10782	0.0503124	0.540489	-1.85018	0.918965	0.972327	-1.02846	0.00162371	0.2878	-3.47464
cg20729891	WASF1;WASF1;WASF1;CDC40;WASF1	0.0120048	0.187886	0.637529	-1.56856	0.131412	0.59135	-1.69105	0.888287	1.04638	1.04638	0.673529	0.872239	-1.14647	0.400612	0.757648	-1.31987
cg10775733	WASF1;WASF1;WASF1;WASF1	0.0246122	0.00555288	0.248855	-4.01841	0.129574	0.535158	-1.86861	0.0307296	0.379521	-2.6349	0.146999	0.552027	-1.81151	0.128533	0.534104	-1.8723
cg10157839	WASF1;WASF1;WASF1;WASF1;CDC40	0.0117764	0.5972	1.16872	1.16872	0.739891	1.10231	1.10231	0.478078	1.23474	1.23474	0.00189464	0.276103	-3.62184	0.0990862	0.589418	-1.69659
cg22970629	WASF1;WASF1;WASF1;WASF1;CDC40	0.0126517	0.773669	1.06416	1.06416	0.0606386	1.57806	1.57806	0.0446303	1.6442	1.6442	0.289133	0.788746	-1.26783	0.96491	1.00953	1.00953
cg27216087	WASF1;WASF1;WASF1;WASF1;CDC40	0.0391252	0.844308	0.965194	-1.03606	0.784693	0.951854	-1.05058	0.787849	0.952564	-1.0498	0.0420847	0.655742	-1.52499	0.00314373	0.483191	-2.06958
cg26894259	WASF2	0.000186189	3.92E-05	0.220165	-4.54204	0.39307	1.18321	1.18321	0.00518655	0.491899	-2.03294	0.00537277	0.494174	-2.02358	0.000130449	0.278754	-3.58739
cg00307483	WASF2	0.00163342	0.291591	0.900939	-1.10995	0.00274704	1.48283	1.48283	0.386553	0.918868	-1.0883	0.0079446	0.722934	-1.38325	0.50206	0.937121	-1.0671
cg26601722	WASF2	0.00982874	0.467241	0.869245	-1.15042	0.000950695	2.54236	2.54236	0.00636398	1.95959	1.95959	0.0112809	1.82432	1.82432	0.481163	0.873157	-1.14527
cg24926121	WASF2	0.0126979	0.522898	1.31684	1.31684	0.564301	0.780581	-1.2811	0.173976	0.540754	-1.84927	0.052846	2.54831	2.54831	0.180401	0.546281	-1.83056
cg24162579	WASF2	0.0127223	0.00944608	0.430112	-2.32498	0.245078	0.732081	-1.36597	0.527953	1.17823	1.17823	0.687312	1.10936	1.10936	0.191175	0.701192	-1.42614
cg15388641	WASF2	0.0422395	0.0119141	2.80177	2.80177	0.752069	1.10965	1.10965	0.220677	1.52605	1.52605	0.0667689	1.96347	1.96347	0.0823663	0.531691	-1.88079
cg21870784	WASF2;WASF2	0.0103256	0.508056	1.04915	1.04915	0.244968	0.91677	-1.09079	0.15806	1.11386	1.11386	0.00501135	0.766973	-1.30383	0.00368743	0.755457	-1.3237
cg09253679	WASF3	0.00175528	0.615669	1.10418	1.10418	0.00310569	2.20797	2.20797	0.0795286	1.46382	1.46382	0.0710994	1.48401	1.48401	0.0303669	0.607542	-1.64598
cg08279184	WASF3	0.00470322	0.278937	0.837096	-1.19461	0.146805	0.781945	-1.27886	0.785305	1.04408	1.04408	0.720605	0.944851	-1.05837	0.84731	1.03092	1.03092
cg03424663	WASF3	0.0065158	0.528334	1.06068	1.06068	0.0555342	0.818663	-1.2215	0.639773	0.957466	-1.04442	0.221134	1.12592	1.12592	0.323573	0.910272	-1.09857
cg12147137	WASF3	0.00806422	0.0406519	1.66539	1.66539	0.00355193	0.426301	-2.34576	0.209197	1.33062	1.33062	0.113234	1.45057	1.45057	0.315649	0.799401	-1.25094
cg25543773	WASF3	0.0091216	0.91045	1.03346	1.03346	0.00435833	0.328129	-3.04758	0.0455559	1.95584	1.95584	0.774934	0.919548	-1.08749	0.846091	0.94473	-1.0585
cg11456896	WASF3	0.0130881	0.050643	0.507097	-1.97201	0.0200155	0.424937	-2.35329	0.117241	0.595236	-1.68	0.727323	1.11264	1.11264	0.0290356	0.456316	-2.19146
cg26220773	WASF3	0.0150418	0.598092	0.945861	-1.05724	0.25099	1.13371	1.13371	0.751358	0.967288	-1.03382	0.169264	1.16558	1.16558	0.242903	1.13639	1.13639
cg26800371	WASF3	0.0321785	0.858812	1.0255	1.0255	0.249802	1.18541	1.18541	0.0225324	1.47166	1.47166	0.00875226	0.623576	-1.60365	0.638977	1.06911	1.06911
cg22291153	WASF3	0.0326509	0.0130353	0.331614	-3.01556	0.00675026	0.284103	-3.51985	0.746999	1.12298	1.12298	0.090025	1.95336	1.95336	0.0447327	0.43794	-2.28342
cg09185773	WASF3	0.0327169	0.379523	0.790619	-1.26483	0.0962558	1.60959	1.60959	0.00759247	2.44684	2.44684	0.10532	0.630545	-1.58593	0.806915	0.938178	-1.0659
cg14626375	WASF3	0.0328803	0.28444	1.10254	1.10254	0.945791	1.00599	1.00599	0.0803954	0.843446	-1.18561	0.768989	1.02619	1.02619	0.79329	1.02332	1.02332
cg13353699	WASF3	0.0371822	0.298567	0.888313	-1.12573	0.561775	0.937554	-1.06661	0.23108	1.14807	1.14807	0.481212	0.924323	-1.08187	0.213202	0.865813	-1.15498
cg04841997	WASH2P	0.00136265	0.00161381	0.283222	-3.5308	0.354551	0.766623	-1.30442	0.00857543	0.392357	-2.5487	0.785127	1.07924	1.07924	0.000380661	0.205268	-4.87168
cg24003292	WASH2P	0.00192502	0.800607	0.967422	-1.03368	0.145146	1.22723	1.22723	0.00036201	0.47316	-2.11345	0.184909	0.831918	-1.20204	0.00133175	0.543008	-1.84159
cg03532167	WASH2P	0.0107724	0.112501	1.31784	1.31784	0.0706074	1.38092	1.38092	0.407258	0.873352	-1.14501	0.0463623	0.694532	-1.43982	0.0379439	0.680857	-1.46874
cg13417395	WASH2P	0.0391824	0.274045	1.22866	1.22866	0.297955	0.822663	-1.21556	0.389232	0.852448	-1.17309	0.394979	0.854172	-1.17072	0.00368219	0.491508	-2.03456
cg20826792	WASH5P	0.00673714	0.545182	0.948335	-1.05448	0.934722	0.992928	-1.00712	0.0213191	0.786846	-1.2709	0.046069	0.820337	-1.21901	0.00350707	0.709593	-1.40926
cg14008030	WASH5P	0.0182984	0.0844188	0.7499	-1.33351	0.504089	1.10763	1.10763	0.321245	0.856827	-1.1671	0.594994	1.08426	1.08426	0.00692608	0.590417	-1.69372
cg26437703	WASL	4.90E-06	0.000124278	0.560973	-1.78262	0.000140545	0.566694	-1.76462	0.000854504	0.64862	-1.54174	0.825574	0.981108	-1.01926	3.41E-07	0.27911	-3.58282
cg00333703	WASL	0.000806407	0.663981	0.858519	-1.1648	0.0145933	0.350038	-2.85683	0.0470465	0.452385	-2.21051	0.10916	0.543534	-1.83981	0.00134523	0.19678	-5.08182
cg12078728	WASL	0.00548882	0.000668957	0.685464	-1.45887	0.313749	0.927199	-1.07852	0.159796	1.11513	1.11513	0.686154	0.970959	-1.02991	0.176652	1.10982	1.10982
cg26337821	WASL	0.0323952	0.0220269	0.307425	-3.25282	0.923775	0.959732	-1.04196	0.14109	0.506721	-1.97347	0.25309	1.6697	1.6697	0.00692341	0.222916	-4.486
cg12055421	WBP1	0.00611165	0.0434898	0.681302	-1.46778	0.00226765	0.493661	-2.02568	0.133949	0.765551	-1.30625	0.266593	0.825868	-1.21085	0.120783	1.32063	1.32063
cg05372365	WBP1	0.0102142	0.00178169	0.0610311	-16.3851	0.378661	0.566715	-1.76456	0.308497	0.515445	-1.94007	0.363494	0.555887	-1.79893	0.00163291	0.0585941	-17.0666
cg26107312	WBP1	0.0113455	0.0976431	0.809116	-1.23592	0.00117149	0.573956	-1.74229	0.0208324	0.723113	-1.38291	0.160577	0.839715	-1.19088	0.141139	0.831559	-1.20256
cg15145873	WBP1	0.0322802	0.00389088	0.485392	-2.06019	0.662028	0.921473	-1.08522	0.0133453	1.76813	1.76813	0.156436	0.754377	-1.3256	0.494542	0.878995	-1.13766
cg23085500	WBP11	0.0198659	0.595765	0.859017	-1.16412	0.435794	0.797981	-1.25316	0.108425	0.608326	-1.64386	0.792067	0.927751	-1.07788	0.000613683	0.223707	-4.47013
cg22833175	WBP11;C12orf60	0.00200331	0.00204502	0.16687	-5.99268	0.107276	0.484683	-2.0632	0.0033769	0.193519	-5.16746	0.0983232	0.473809	-2.11055	0.000349646	0.0936619	-10.6767
cg01857709	WBP11;C12orf60;C12orf60	0.0195167	0.443151	0.937835	-1.06629	0.00256529	1.40952	1.40952	0.0581739	1.19213	1.19213	0.516389	0.947424	-1.05549	0.905246	1.00982	1.00982
cg14341030	WBP11;C12orf60;C12orf60	0.0348117	0.0189542	0.676625	-1.47792	0.747247	1.04408	1.04408	0.147935	1.23274	1.23274	0.0197919	0.679296	-1.47211	0.359642	0.881507	-1.13442
cg16566595	WBP11P1	1.22E-06	0.00569131	1.31337	1.31337	0.0309882	1.20969	1.20969	4.56E-08	0.237819	-4.20488	0.916457	0.992144	-1.00792	0.283534	0.919662	-1.08736
cg13340705	WBP11P1	0.00354592	0.73671	1.11017	1.11017	0.0426892	2.05989	2.05989	0.00328819	0.289244	-3.45729	0.0799154	0.547802	-1.82548	0.435485	0.781588	-1.27945
cg18930070	WBP11P1	0.0168088	0.824688	1.04465	1.04465	0.301439	0.809935	-1.23467	0.0199157	0.575063	-1.73894	0.358312	0.830286	-1.2044	0.0477959	0.640452	-1.5614
cg25420583	WBP1;WBP1	0.00664672	0.127327	0.724816	-1.37966	0.522589	1.13483	1.13483	0.143391	1.35923	1.35923	0.000281779	0.313905	-3.18567	0.00748893	0.510704	-1.95808
cg10625758	WBP2	0.00611275	0.431288	1.06572	1.06572	0.265468	0.912149	-1.09631	0.00567109	0.750093	-1.33317	0.195633	1.11454	1.11454	0.94335	0.994385	-1.00565
cg01712673	WBP2	0.0144176	0.661952	0.961771	-1.03975	0.191207	1.13044	1.13044	0.213959	1.12292	1.12292	0.245403	0.897946	-1.11365	0.018765	1.28698	1.28698
cg04292728	WBP2	0.0401859	0.161979	0.844226	-1.18452	0.768327	1.03406	1.03406	0.314122	1.12531	1.12531	0.397522	0.90643	-1.10323	0.0360776	0.758466	-1.31845
cg11769382	WBP2;WBP2	0.0402809	0.0240558	2.18086	2.18086	0.35729	1.31562	1.31562	0.790102	0.925614	-1.08036	0.528771	0.831188	-1.2031	0.426281	1.26539	1.26539
cg22189786	WBP2NL	0.000135323	8.32E-06	0.0203824	-49.0619	0.355542	1.46336	1.46336	0.109712	0.497297	-2.01087	0.557751	0.788597	-1.26807	0.563123	0.791207	-1.26389
cg04717802	WBP2NL	0.000266108	6.14E-05	0.0796875	-12.549	0.0717892	1.98936	1.98936	0.583573	0.827435	-1.20855	0.0153776	2.76691	2.76691	0.164583	0.602078	-1.66091
cg18898325	WBP2NL	0.0012382	0.000753067	0.333866	-2.99521	0.490766	0.860488	-1.16213	0.0135782	0.519123	-1.92632	0.689029	0.91727	-1.09019	0.838009	1.04492	1.04492
cg01059385	WBP2NL	0.00261333	0.00424027	0.316506	-3.1595	0.0744271	1.81732	1.81732	0.334477	0.741444	-1.34872	0.0474174	1.97709	1.97709	0.0104768	2.63342	2.63342
cg10559948	WBP2NL	0.0365504	0.0814313	0.395594	-2.52784	0.00317223	0.144391	-6.92566	0.141445	0.468024	-2.13664	0.35396	0.632604	-1.58077	0.0160917	0.243116	-4.11326
cg15600342	WBP4	0.00139015	0.00459677	0.799552	-1.2507	0.183364	1.08732	1.08732	0.980402	1.00146	1.00146	0.00441381	0.798228	-1.25277	0.0496143	0.875612	-1.14206
cg08406071	WBP4	0.00496109	0.665082	0.886399	-1.12816	0.260867	0.722775	-1.38356	0.932651	1.02368	1.02368	0.318965	1.32997	1.32997	7.99E-05	0.139131	-7.18749
cg06096994	WBP4	0.0204449	0.0348236	1.32234	1.32234	0.132453	1.20251	1.20251	0.297533	1.13051	1.13051	0.796238	0.971035	-1.02983	0.0041125	0.645849	-1.54835
cg24219962	WBP4	0.030215	0.241706	0.854093	-1.17083	0.661852	1.05828	1.05828	0.579642	1.07467	1.07467	0.276906	0.86455	-1.15667	0.85176	0.976211	-1.02437
cg24676409	WBP4	0.0411101	0.160442	0.400864	-2.49461	0.0456941	0.247414	-4.04181	0.0381732	0.231123	-4.3267	0.0176153	0.171952	-5.81556	0.598639	0.723384	-1.38239
cg07014351	WBP4;WBP4	0.000215367	0.0177343	2.33158	2.33158	0.439639	1.25224	1.25224	0.130397	0.62476	-1.60061	?	?	?	0.00252254	3.52344	3.52344
cg01207481	WBP5;WBP5;WBP5;WBP5	0.00302159	0.0283774	0.685557	-1.45867	0.0886013	1.31532	1.31532	0.20002	0.820765	-1.21837	0.134669	0.790318	-1.26531	0.000398726	0.439471	-2.27546
cg19202325	WBSCR16	0.000497385	0.134216	0.690251	-1.44875	0.00204508	0.368785	-2.7116	0.643447	0.898534	-1.11292	0.346471	1.24923	1.24923	0.000252989	0.250462	-3.99262
cg26224725	WBSCR16	0.000897411	0.778601	0.980199	-1.0202	0.000185748	0.638999	-1.56495	0.0193861	1.22213	1.22213	0.976772	1.00207	1.00207	0.166679	1.11029	1.11029
cg01922645	WBSCR16	0.0325925	0.0754431	0.665484	-1.50267	0.338557	0.816288	-1.22506	0.0467519	1.59756	1.59756	0.343415	1.22242	1.22242	0.0126002	0.528178	-1.8933
cg02638567	WBSCR17	1.84E-06	0.00869796	0.551334	-1.81378	0.254282	1.23612	1.23612	0.0219813	0.613051	-1.63118	0.642193	1.08689	1.08689	6.86E-08	0.0395613	-25.2772
cg01174235	WBSCR17	8.53E-06	0.315004	1.15206	1.15206	0.765906	0.960137	-1.04152	0.800326	0.96606	-1.03513	0.888069	1.01937	1.01937	7.65E-08	0.0874079	-11.4406
cg08795557	WBSCR17	1.68E-05	0.36688	0.77379	-1.29234	0.00557328	2.7381	2.7381	0.173115	0.669616	-1.49339	0.0812101	0.585779	-1.70713	7.24E-07	0.0245418	-40.7469
cg27490043	WBSCR17	4.75E-05	0.0898141	0.633827	-1.57772	0.136436	0.676218	-1.47881	0.265353	0.75349	-1.32716	0.899238	0.969582	-1.03137	5.03E-07	0.0325474	-30.7244
cg03893271	WBSCR17	0.000145369	0.786365	0.929268	-1.07612	0.72652	0.909538	-1.09946	0.66809	1.12353	1.12353	0.875105	1.04339	1.04339	0.408395	1.2565	1.2565
cg21886089	WBSCR17	0.000178794	0.400654	0.84275	-1.18659	0.541298	1.13086	1.13086	0.243962	0.784721	-1.27434	0.725913	1.0725	1.0725	1.11E-05	0.155744	-6.42081
cg17276624	WBSCR17	0.000224713	0.062946	0.652223	-1.53322	0.328165	1.22898	1.22898	0.08598	0.678681	-1.47345	0.19407	0.75527	-1.32403	3.66E-06	0.109172	-9.15983
cg25673355	WBSCR17	0.000297637	0.273478	1.41254	1.41254	0.103233	0.582662	-1.71626	0.311654	0.728166	-1.37331	0.285463	0.714463	-1.39965	1.34E-05	0.0631416	-15.8374
cg13567744	WBSCR17	0.000377356	0.315661	1.35115	1.35115	0.0100291	0.389519	-2.56727	0.0190303	0.438901	-2.27842	0.285334	1.37975	1.37975	4.06E-05	0.103063	-9.70282
cg10239388	WBSCR17	0.000496532	0.944845	1.00826	1.00826	0.03774	1.3316	1.3316	0.581928	1.06832	1.06832	0.729663	1.04209	1.04209	0.8919	1.01629	1.01629
cg18685330	WBSCR17	0.000565935	0.243112	0.638935	-1.5651	0.814568	0.917444	-1.08999	0.604889	0.82579	-1.21096	0.374539	1.39692	1.39692	1.44E-05	0.0364844	-27.4089
cg21783183	WBSCR17	0.00058927	0.482794	0.822779	-1.21539	0.543251	1.18326	1.18326	0.542253	0.844759	-1.18377	0.425119	0.800319	-1.2495	1.75E-05	0.0903342	-11.07
cg01366419	WBSCR17	0.000993023	0.867658	1.02844	1.02844	0.35176	1.44517	1.44517	0.276715	1.20952	1.20952	0.0902114	1.36882	1.36882	0.00092155	1.47312	1.47312

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07250758	0.206493	2.23713	2.23713	0.00761329	7.95488	7.95488	0.0178437	5.69831	5.69831	0.225168	2.15938	2.15938	4.08872	23.6482	5.14113	1
cg13388111	0.000297271	0.528507	-1.89212	0.000765345	1.73667	1.73667	0.376982	0.906496	-1.10315	0.000602731	0.563899	-1.77337	13.5208	2.511	0.165079	1
cg04017555	0.255879	1.15161	1.15161	0.000387983	0.509934	-1.96104	0.053969	0.770765	-1.29741	0.0693761	0.785227	-1.27352	6.13222	1.37579	0.199426	1
cg03579179	0.00176343	1.97501	1.97501	6.82E-05	3.04303	3.04303	3.12E-05	3.45807	3.45807	0.0283787	0.673498	-1.48479	24.2817	8.9743	0.328526	1
cg19397885	0.00480954	2.08051	2.08051	0.000422273	2.9861	2.9861	0.000351951	3.07853	3.07853	0.222786	0.77812	-1.28515	13.8631	8.41956	0.539853	1
cg23238719	0.0521138	1.4629	1.4629	0.000101573	0.30556	-3.27268	0.446587	0.874957	-1.14291	0.0110693	0.577766	-1.7308	9.33229	4.38206	0.417386	1
cg06484146	0.0576493	2.20303	2.20303	0.00306015	4.4474	4.4474	0.00381105	4.20227	4.20227	0.131969	0.549788	-1.81888	9.21196	19.7513	1.90586	1
cg20607287	0.0251617	4.18886	4.18886	0.000765107	15.5202	15.5202	0.00447258	7.68535	7.68535	0.691143	0.806685	-1.23964	7.16632	32.8434	4.07379	1
cg10578991	0.0750287	2.83944	2.83944	0.849204	1.10539	1.10539	0.00375107	7.84341	7.84341	0.586277	0.748809	-1.33545	4.39358	19.2806	3.90076	1
cg05611837	3.13E-05	0.700152	-1.42826	3.11E-07	1.92707	1.92707	4.77E-06	0.631682	-1.58307	0.216005	1.05882	1.05882	335.657	10.2417	0.0271222	1
cg25027788	3.97E-05	10.9724	10.9724	0.000171404	7.00591	7.00591	6.91E-06	20.8427	20.8427	8.18E-05	8.7123	8.7123	30.1102	39.3935	1.30831	1
cg03761750	0.367537	1.30278	1.30278	2.25E-05	0.0882586	-11.3303	0.00249908	3.32118	3.32118	0.000681563	0.226907	-4.40709	27.2615	35.2563	1.14957	1
cg12199406	0.544242	1.23826	1.23826	6.19E-05	0.0764312	-13.0837	0.187369	1.62666	1.62666	0.00151955	0.203953	-4.90309	16.2806	31.2597	1.70672	1
cg20837463	0.00360266	4.43709	4.43709	2.61E-05	23.2807	23.2807	0.000697911	7.0649	7.0649	0.0184602	2.94631	2.94631	14.5609	32.9633	2.01228	1
cg00808053	0.00026378	0.568402	-1.75932	0.199664	1.13621	1.13621	0.0342542	0.792323	-1.26211	0.665686	0.95986	-1.04182	14.3535	2.01899	0.125032	1
cg17349143	0.295025	1.18698	1.18698	2.04E-05	0.256956	-3.89172	0.168415	0.793213	-1.2607	0.350054	0.859137	-1.16396	10.2012	4.02515	0.350736	1
cg09836827	0.103203	1.51486	1.51486	0.100104	1.52167	1.52167	0.963875	0.989502	-1.01061	0.0231221	0.531083	-1.88294	9.87693	8.49307	0.764346	1
cg04053108	0.0750167	2.34383	2.34383	0.000199996	14.6205	14.6205	0.00128414	7.511	7.511	0.0200983	3.3359	3.3359	9.63179	28.1548	2.59832	1
cg01006193	0.981244	1.00248	1.00248	7.54E-05	0.4695	-2.12993	0.247774	0.880558	-1.13564	0.180716	1.16139	1.16139	8.06636	1.41567	0.156003	1
cg06730678	0.00479248	11.9058	11.9058	0.0153697	7.15803	7.15803	0.00194304	18.1824	18.1824	0.0029012	15.0099	15.0099	7.52352	52.167	6.16343	1
cg14120112	0.0696095	0.514739	-1.94273	0.885323	0.953872	-1.04836	0.0116141	0.356148	-2.80782	0.203034	0.644205	-1.5523	6.90484	11.711	1.50761	1
cg26796518	0.336387	1.60218	1.60218	0.116683	0.444595	-2.24924	0.289921	1.68596	1.68596	0.00317242	0.147102	-6.79802	6.5853	23.5855	3.1836	1
cg11803589	0.102338	0.387929	-2.57779	0.00415808	0.130724	-7.6497	0.00803145	0.165478	-6.04309	0.127829	0.418106	-2.39174	6.24725	27.7593	3.94972	1
cg01639943	0.0941108	0.407592	-2.45343	0.000386838	0.0632692	-15.8055	0.139068	0.460079	-2.17354	0.862159	0.918752	-1.08843	5.39188	20.3037	3.34721	1
cg17045790	0.742821	1.09259	1.09259	0.00438158	0.359366	-2.78268	0.76349	0.922043	-1.08455	0.634375	1.13753	1.13753	5.28848	6.05869	1.01835	1
cg26819609	0.0494412	2.62705	2.62705	0.0173801	3.48241	3.48241	0.00168829	6.91142	6.91142	0.158937	1.91287	1.91287	5.04086	14.8163	2.61266	1
cg15866021	0.0135163	0.303294	-3.29713	0.858557	1.0721	1.0721	0.0240186	0.349723	-2.85941	0.435792	0.733228	-1.36383	4.9974	12.0551	2.14424	1
cg06539924	0.0107276	3.39205	3.39205	0.127873	1.8721	1.8721	0.372166	1.41769	1.41769	0.222217	1.63018	1.63018	4.77719	10.9793	2.04291	1
cg25884442	0.0451553	1.65674	1.65674	0.0228134	0.549673	-1.81926	0.0302319	1.75012	1.75012	0.783829	0.941384	-1.06227	4.48697	3.4288	0.679261	1
cg08618413	0.29122	1.23884	1.23884	0.0951472	1.4313	1.4313	0.717962	0.931528	-1.0735	0.373814	1.19545	1.19545	4.08429	2.47362	0.53835	1
cg15104126	0.730287	1.05846	1.05846	0.470159	0.886376	-1.12819	0.0133766	0.604754	-1.65356	0.0111203	0.59302	-1.68628	4.03746	1.72321	0.379383	1
cg19878637	0.467323	0.829923	-1.20493	0.584492	1.14934	1.14934	0.966922	0.989602	-1.01051	0.401732	0.805473	-1.24151	3.89127	3.91553	0.894429	1
cg24427724	0.0800825	0.421763	-2.371	0.0375967	0.342185	-2.9224	0.0738452	0.41237	-2.42501	0.0685766	0.403994	-2.47528	3.72343	11.6557	2.78256	1
cg00955290	0.0752644	0.708132	-1.41217	0.775726	0.951447	-1.05103	0.000125471	0.312211	-3.20296	0.754979	0.946911	-1.05607	7.32694	3.5234	0.427452	1
cg13937841	0.00283397	0.703659	-1.42114	0.0251147	0.800772	-1.2488	0.607874	1.04294	1.04294	0.450838	1.0645	1.0645	6.3973	0.652837	0.0793713	1
cg05797732	0.0321174	0.347269	-2.87962	0.00126219	0.137646	-7.26502	0.670319	1.19773	1.19773	0.0277397	0.334135	-2.9928	5.44694	15.3146	2.4992	1
cg09847027	0.04747	1.40071	1.40071	0.0103292	1.61642	1.61642	0.372319	0.872728	-1.14583	0.950562	1.00926	1.00926	4.56588	1.59737	0.310978	1
cg15807973	8.15E-05	0.478668	-2.08913	0.0284323	0.764751	-1.30761	0.156155	1.17038	1.17038	0.151977	0.852865	-1.17252	21.8704	3.72493	0.151394	1
cg10750945	0.0934094	0.514587	-1.9433	0.000393623	0.130959	-7.636	0.219265	1.59225	1.59225	0.159034	1.71933	1.71933	9.51006	19.5249	1.82496	1
cg16119628	0.155255	0.848861	-1.17805	0.00302907	0.645476	-1.54924	0.238595	0.875476	-1.14224	0.0909504	1.22216	1.22216	6.15302	1.13122	0.16342	1
cg03615063	0.0282192	0.471174	-2.12236	0.0968049	0.588951	-1.69793	0.280576	1.38507	1.38507	0.0136777	0.412448	-2.42455	5.13251	6.85685	1.18753	1
cg19596653	0.556858	0.917975	-1.08935	0.871231	1.02364	1.02364	0.00752601	1.64112	1.64112	0.411765	1.12849	1.12849	4.53373	1.48963	0.292006	1
cg00049400	4.25E-07	0.0347386	-28.7864	4.78E-08	0.011737	-85.2008	5.57E-05	0.173052	-5.7786	0.240914	0.750271	-1.33285	83.3273	72.2842	0.771087	1
cg12649340	8.93E-05	0.0808738	-12.3649	1.69E-05	0.042104	-23.7507	0.0154731	0.344653	-2.90147	0.0279884	0.394152	-2.53709	18.1207	36.9084	1.81049	1
cg06124110	0.0488784	0.721004	-1.38696	0.00599352	0.593117	-1.68601	0.126808	0.786484	-1.27148	0.0749334	0.749418	-1.33437	6.53548	2.1894	0.297779	1
cg07179825	0.0055782	0.308588	-3.24057	0.00407839	0.287931	-3.47306	0.276271	0.693655	-1.44164	0.0351102	0.45255	-2.2097	6.13737	10.1404	1.46865	1
cg26574895	0.124412	0.826969	-1.20923	0.00282338	0.625182	-1.59953	0.179247	1.17695	1.17695	0.372428	1.11024	1.11024	4.82998	0.997615	0.183597	1
cg19167034	0.624336	1.09806	1.09806	0.0074824	1.97197	1.97197	0.705075	0.930502	-1.07469	0.656887	1.08841	1.08841	5.18168	2.87894	0.432132	1
cg20284025	0.703859	1.0992	1.0992	0.00392456	0.382405	-2.61503	0.150914	0.683024	-1.46408	0.736249	1.08733	1.08733	4.50768	4.37891	0.863497	1
cg20961014	0.379337	1.40257	1.40257	0.936108	1.03053	1.03053	0.658397	1.18165	1.18165	0.064427	0.458717	-2.18	3.40541	7.5893	1.98098	1
cg11145643	0.74525	0.940432	-1.06334	0.540158	0.889737	-1.12393	0.802423	0.953868	-1.04836	0.00379018	0.479141	-2.08707	11.4452	6.43288	0.499609	1
cg16742664	0.101588	1.21356	1.21356	0.757863	1.03396	1.03396	0.321748	0.895347	-1.11688	0.773046	1.03172	1.03172	14.4971	2.67751	0.164171	1
cg18125510	0.0514373	0.399909	-2.50057	0.00509651	0.216552	-4.61783	0.0750221	0.440669	-2.26928	0.00220801	0.169794	-5.88948	8.69986	23.5382	2.40496	1
cg04899753	0.173363	1.4014	1.4014	1.31E-05	0.118823	-8.41585	0.0543776	1.66283	1.66283	0.000959934	0.318004	-3.14461	27.3403	23.4978	0.763962	1
cg19434303	0.0829128	0.738717	-1.3537	0.00127601	0.476628	-2.09807	0.0171337	0.632395	-1.58129	0.960775	0.992273	-1.00779	5.06455	1.99531	0.3502	1
cg18316528	0.00276538	1.86562	1.86562	0.140322	1.27081	1.27081	0.852426	1.02853	1.02853	0.14317	0.788446	-1.26832	3.56188	1.2874	0.321279	1
cg00078867	0.0256108	2.0692	2.0692	0.0214471	2.13346	2.13346	0.949063	1.01767	1.01767	0.132927	0.641096	-1.55983	7.89561	9.40334	1.05863	1
cg23129452	0.545733	1.20055	1.20055	0.0815063	1.781	1.781	0.491261	1.23242	1.23242	0.184097	0.656266	-1.52377	7.54629	10.6796	1.25796	1
cg11654838	0.0936066	0.468902	-2.13264	0.232606	1.67216	1.67216	0.327502	0.660243	-1.51459	0.284915	0.633682	-1.57808	5.22557	13.9612	2.37486	1
cg05070565	0.0663244	1.7646	1.7646	0.116667	1.60012	1.60012	0.809749	1.06877	1.06877	0.322625	0.754468	-1.32544	4.45246	5.36249	1.07057	1
cg20729891	0.906803	1.0385	1.0385	0.791613	1.08917	1.08917	0.135525	1.68028	1.68028	0.000216999	0.136672	-7.31677	5.57278	9.18401	1.4649	1
cg10775733	0.0499555	0.425928	-2.34781	0.00233285	0.197389	-5.06614	0.0523463	0.430675	-2.32194	0.0678709	0.45806	-2.18312	4.38097	10.1125	2.05181	1
cg10157839	0.00206569	0.281271	-3.55529	0.543553	1.19692	1.19692	0.399774	0.777241	-1.2866	0.14746	1.57525	1.57525	5.60758	7.59092	1.20328	1
cg22970629	0.00848271	0.484477	-2.06408	0.00458613	2.25669	2.25669	0.0206788	1.8238	1.8238	0.507344	1.15612	1.15612	5.47847	4.03589	0.654827	1
cg27216087	0.10664	1.37358	1.37358	0.149685	1.32088	1.32088	0.293311	1.21704	1.21704	0.705681	0.933923	-1.07075	3.71321	1.90916	0.457024	1
cg26894259	0.0349036	0.6233	-1.60436	5.19E-05	0.233261	-4.28705	0.813994	1.04636	1.04636	0.0191431	0.579754	-1.72487	18.7308	10.9689	0.520543	1
cg00307483	8.89E-05	0.512271	-1.95209	0.55299	0.944393	-1.05888	0.75638	0.97077	-1.03011	0.282243	1.1124	1.1124	10.2252	1.47161	0.127926	1
cg26601722	0.0947739	1.41599	1.41599	0.318762	0.822675	-1.21555	0.230956	1.26876	1.26876	0.363138	1.19369	1.19369	5.94334	3.37779	0.505184	1
cg24926121	0.0889028	2.22016	2.22016	0.00607895	4.58427	4.58427	0.00164721	6.78862	6.78862	0.244381	1.6781	1.6781	5.47196	15.6582	2.54359	1
cg24162579	0.143695	1.49625	1.49625	0.218179	1.39407	1.39407	0.00114765	3.40725	3.40725	0.693892	0.903519	-1.10678	5.46854	5.69782	0.926157	1
cg15388641	0.224465	1.52027	1.52027	0.0172079	2.59317	2.59317	0.0480965	2.09937	2.09937	0.239758	1.49796	1.49796	3.6097	6.161	1.51714	1
cg21870784	0.0568179	0.85725	-1.16652	0.0584593	1.16505	1.16505	0.428879	1.0594	1.0594	0.155784	1.11462	1.11462	5.85029	0.473035	0.0718726	1
cg09253679	0.00760418	1.95826	1.95826	0.0117768	0.540135	-1.85139	0.000393268	3.02114	3.02114	0.579068	1.11596	1.11596	10.0146	6.08026	0.539682	1
cg08279184	0.584308	1.09119	1.09119	6.26E-05	0.312009	-3.20504	0.0818614	0.737448	-1.35603	0.41724	1.13991	1.13991	7.47672	2.95452	0.351214	1
cg03424663	0.00285204	1.46024	1.46024	0.0211064	1.2914	1.2914	0.00344631	0.693318	-1.44234	0.105339	0.849454	-1.17723	6.76428	0.910886	0.119699	1
cg12147137	0.172179	0.730816	-1.36833	0.00599772	2.17053	2.17053	0.0547136	0.624847	-1.60039	0.235382	1.30783	1.30783	6.3282	4.6673	0.655591	1
cg25543773	0.0324961	2.07982	2.07982	0.00281081	0.299902	-3.33442	0.26466	1.40514	1.40514	0.126004	0.616095	-1.62313	6.08639	8.25107	1.20503	1
cg11456896	0.191715	0.656129	-1.52409	0.00281192	0.285083	-3.50774	0.0322245	2.14844	2.14844	0.0563854	0.517517	-1.93231	5.41818	7.97744	1.30875	1
cg26220773	0.494337	1.07532	1.07532	0.00135161	1.62743	1.62743	0.0614346	1.24666	1.24666	0.00179604	1.59157	1.59157	5.17593	0.897421	0.154119	1
cg26800371	0.0691967	0.750122	-1.33312	0.0478151	0.726141	-1.37714	0.874165	1.02267	1.02267	0.346906	1.1468	1.1468	3.98593	1.26258	0.281564	1
cg22291153	0.653267	0.85041	-1.1759	0.382592	1.37831	1.37831	0.771007	1.11024	1.11024	0.313953	0.688546	-1.45234	3.96516	8.06375	1.80769	1
cg09185773	0.618567	1.13975	1.13975	0.0110453	0.435757	-2.29486	0.608113	0.873903	-1.14429	0.496924	0.83548	-1.19692	3.96229	4.26206	0.956133	1
cg14626375	0.00745959	0.739004	-1.35317	0.0296243	0.798678	-1.25207	0.0414028	1.22937	1.22937	0.260325	1.10857	1.10857	3.95521	0.482773	0.108491	1
cg13353699	0.888303	1.01557	1.01557	0.0601455	0.792112	-1.26245	0.00136633	0.600076	-1.66646	0.335781	1.11527	1.11527	3.78308	0.723855	0.170084	1
cg04841997	0.0468046	0.529886	-1.8872	0.000218594	0.179128	-5.58261	0.0287497	0.486885	-2.05387	0.00484949	0.352635	-2.83579	10.7728	13.2839	1.09609	1
cg24003292	0.000650979	0.50451	-1.98212	0.0472728	0.742992	-1.34591	0.735187	1.04543	1.04543	0.96691	0.994586	-1.00544	9.74976	2.64483	0.241113	1
cg03532167	0.00895806	0.588011	-1.70065	0.967824	0.993577	-1.00646	0.161347	1.26989	1.26989	0.00750207	1.73279	1.73279	5.77124	2.33229	0.359213	1
cg13417395	0.0153622	0.58377	-1.713	0.639651	1.08906	1.08906	0.16458	1.30771	1.30771	0.990029	1.00226	1.00226	3.71122	1.92403	0.460836	1
cg20826792	0.0177938	0.77909	-1.28355	0.166687	0.880082	-1.13626	0.0118667	1.31274	1.31274	0.0391136	1.2298	1.2298	6.69444	0.795786	0.105604	1
cg14008030	0.00330749	0.547016	-1.8281	0.652606	1.07071	1.07071	0.053739	0.718742	-1.39132	0.0145612	0.635253	-1.57418	4.84822	1.74569	0.320065	1
cg26437703	0.00172417	0.679478	-1.47172	1.05E-06	0.33162	-3.0155	0.217954	0.894052	-1.1185	0.00011558	0.55759	-1.79343	48.7796	5.76904	0.105125	1
cg00333703	0.0250473	0.394429	-2.53531	2.20E-05	0.0510822	-19.5763	0.60561	1.19935	1.19935	0.00345136	0.250098	-3.99843	12.504	24.1204	1.71468	1
cg12078728	0.619651	0.964351	-1.03697	0.446641	0.945278	-1.05789	0.506762	0.952308	-1.05008	0.00163077	1.3874	1.3874	7.13201	0.594522	0.0740955	1
cg26337821	0.0635674	0.408269	-2.44937	0.0488077	0.380477	-2.62828	0.256245	1.66355	1.66355	0.0952072	0.455049	-2.19757	3.97636	11.6157	2.59662	1
cg12055421	0.0238625	1.56149	1.56149	0.120418	1.32105	1.32105	0.0160211	1.62791	1.62791	0.0929957	1.35726	1.35726	6.89975	2.9855	0.38461	1
cg05372365	0.0178338	0.163526	-6.11523	0.0561232	0.256612	-3.89694	0.641344	0.744557	-1.34308	0.00593459	0.104094	-9.60671	5.87066	36.757	5.56545	1
cg26107312	0.249742	0.869191	-1.1505	0.0413373	1.31556	1.31556	0.112278	1.22326	1.22326	0.825353	0.974571	-1.02609	5.67561	1.221	0.191228	1
cg15145873	0.133258	0.73997	-1.35141	0.470158	1.14638	1.14638	0.518283	1.12949	1.12949	0.693199	0.928926	-1.07651	3.98143	2.17998	0.486698	1
cg23085500	0.0170927	0.438198	-2.28207	0.0220657	0.458763	-2.17977	0.513756	0.828649	-1.20678	0.111613	0.611507	-1.6353	4.71532	6.01634	1.13414	1
cg22833175	0.304077	0.644988	-1.55042	0.000871712	0.127777	-7.82616	0.00293616	0.185798	-5.3822	0.0142364	0.287729	-3.47549	9.63726	25.9078	2.3896	1
cg01857709	0.326088	1.08679	1.08679	0.0100098	1.30591	1.30591	0.0120928	1.29281	1.29281	0.15126	1.13454	1.13454	4.74378	0.506221	0.0948305	1
cg14341030	0.191503	0.830259	-1.20444	0.302778	0.86666	-1.15386	0.417629	1.11719	1.11719	0.020925	1.46468	1.46468	4.24848	1.17119	0.214412	1
cg16566595	0.000526222	1.50089	1.50089	0.000315834	1.55064	1.55064	9.94E-06	0.490022	-2.04073	0.962237	0.996448	-1.00357	69.7289	6.23948	0.0795233	1
cg13340705	0.175435	1.56247	1.56247	0.000351559	0.168846	-5.92256	0.866906	1.05332	1.05332	0.022167	0.42767	-2.33825	8.14198	12.37	1.35048	1
cg18930070	0.750707	1.06477	1.06477	0.000654549	0.357572	-2.79664	0.0271358	0.597514	-1.6736	0.939918	1.01495	1.01495	4.98831	3.06274	0.545763	1
cg25420583	0.47208	0.866952	-1.15347	0.210249	1.29396	1.29396	0.4202	0.851506	-1.17439	0.969047	1.0076	1.0076	6.72261	4.05648	0.536363	1
cg10625758	0.825413	1.01766	1.01766	0.00444808	0.740305	-1.3508	0.105531	1.15041	1.15041	0.00240109	1.39812	1.39812	6.89937	0.68608	0.0883919	1
cg01712673	0.0230698	0.786035	-1.27221	0.00712996	0.734983	-1.36057	0.0611451	0.829486	-1.20557	0.110784	1.16643	1.16643	5.24886	0.652553	0.110509	1
cg04292728	0.0309237	0.750251	-1.33289	0.0116511	0.699397	-1.4298	0.0615692	1.26972	1.26972	0.622831	0.945332	-1.05783	3.67685	0.748893	0.181047	1
cg11769382	0.170136	1.52703	1.52703	0.00550167	0.347341	-2.87901	0.107095	1.66473	1.66473	0.312587	1.35345	1.35345	3.67365	4.88458	1.18189	1
cg22189786	0.00663378	0.243757	-4.10244	2.08E-05	0.03205	-31.2013	0.707731	0.85995	-1.16286	0.00620332	0.2394	-4.17711	20.4152	51.8938	2.25949	1
cg04717802	0.00417329	0.268869	-3.71928	7.74E-05	0.0864153	-11.572	0.0947838	1.87436	1.87436	0.10735	0.548061	-1.82461	16.998	31.5197	1.64828	1
cg18898325	0.00184984	0.387211	-2.58257	0.00143029	0.371578	-2.69123	0.552345	1.13775	1.13775	0.000217163	0.265995	-3.75947	11.0723	8.08112	0.648755	1
cg01059385	0.800451	0.926705	-1.07909	0.000839691	0.220958	-4.52576	0.0365511	2.07556	2.07556	0.223537	0.680898	-1.46865	8.91484	12.7532	1.27167	1
cg10559948	0.124045	0.449458	-2.2249	0.010618	0.21379	-4.6775	0.234492	0.549708	-1.81915	0.119121	0.443913	-2.25269	3.80678	13.8998	3.24562	1
cg15600342	0.0454203	0.872769	-1.14578	0.00855236	0.819592	-1.22012	0.646522	0.972988	-1.02776	0.000340162	1.40815	1.40815	10.7112	0.596613	0.0495131	1
cg08406071	0.388548	0.78297	-1.27719	0.0412939	0.521164	-1.91878	0.29198	1.35352	1.35352	0.784519	1.07884	1.07884	7.35611	8.93023	1.0791	1
cg06096994	0.541923	1.07265	1.07265	0.0205026	0.72826	-1.37314	0.83413	0.976463	-1.0241	0.135872	1.20027	1.20027	4.66949	0.954151	0.181623	1
cg24219962	0.00562167	1.59652	1.59652	0.086075	0.783406	-1.27648	0.0330217	0.725535	-1.37829	0.0364092	0.731235	-1.36755	4.07648	1.06943	0.233198	1
cg24676409	0.334741	0.545264	-1.83397	0.582801	0.71305	-1.40243	0.032041	4.62405	4.62405	0.263487	2.03532	2.03532	3.64612	21.4627	5.2324	1
cg07014351	?	?	?	?	?	?	2.39E-05	0.0671769	-14.8861	0.145811	1.56712	1.56712	25.0164	20.9342	0.976238	1
cg01207481	0.00280133	0.548305	-1.8238	0.00874996	0.614303	-1.62786	0.700868	1.05793	1.05793	0.142591	1.25853	1.25853	8.53995	2.87917	0.299683	1
cg19202325	0.00431692	0.416547	-2.40069	3.95E-05	0.164512	-6.0786	0.398036	0.819865	-1.21971	0.00296208	0.392094	-2.55041	14.3113	11.9414	0.741682	1
cg26224725	0.00959368	1.26199	1.26199	0.0206637	0.820585	-1.21864	0.00574081	0.773432	-1.29294	0.00366829	0.75673	-1.32148	12.1326	0.967462	0.0708246	1
cg01922645	0.319563	0.809248	-1.23572	0.0248592	0.577249	-1.73235	0.698453	1.0834	1.0834	0.0480546	0.628154	-1.59197	3.96771	2.6606	0.596005	1
cg02638567	0.00162609	2.23465	2.23465	0.0040135	1.99054	1.99054	2.60E-06	0.132803	-7.52993	0.00993585	0.559968	-1.78582	62.7911	31.5352	0.446421	1
cg01174235	0.934952	0.98894	-1.01118	0.00837738	1.58235	1.58235	0.0739858	0.762386	-1.31167	0.207234	0.834266	-1.19866	42.2802	12.4294	0.261347	1
cg08795557	0.662332	1.12927	1.12927	0.0152128	0.438331	-2.28138	8.67E-06	0.0689715	-14.4988	0.00170281	0.28946	-3.45471	35.4239	42.9421	1.07754	1
cg27490043	0.666489	1.11152	1.11152	0.748203	1.0817	1.0817	0.00138421	0.322849	-3.09742	0.00182365	0.339497	-2.94553	26.9785	25.4057	0.837007	1
cg03893271	0.938722	1.02098	1.02098	0.0245318	0.485133	-2.06129	1.76E-06	25.1206	25.1206	0.00757421	2.52835	2.52835	20.0254	23.1255	1.02649	1
cg21886089	0.277463	1.25184	1.25184	0.185927	1.32168	1.32168	3.64E-05	0.205694	-4.8616	0.0330683	0.609211	-1.64147	18.9374	11.8617	0.556769	1
cg17276624	0.161034	0.736516	-1.35774	0.158242	1.36091	1.36091	0.00104815	0.371311	-2.69316	0.0191942	0.56056	-1.78393	17.7992	11.7645	0.587599	1
cg25673355	0.551246	0.833006	-1.20047	0.471594	1.24849	1.24849	6.96E-05	0.11061	-9.04077	0.0154446	0.406329	-2.46106	16.4858	23.9825	1.29314	1
cg13567744	0.407251	1.27879	1.27879	0.0137645	2.41907	2.41907	0.000246529	0.17267	-5.79138	0.482732	0.813068	-1.22991	15.4462	20.5852	1.18463	1
cg10239388	0.951898	1.00719	1.00719	0.355973	0.893297	-1.11945	4.97E-06	3.44503	3.44503	0.0245432	1.3748	1.3748	14.3181	3.20267	0.198828	1
cg18685330	0.622539	1.19957	1.19957	0.011083	3.21605	3.21605	0.00276116	0.219965	-4.54618	0.599802	0.823522	-1.2143	13.8069	29.4115	1.8935	1
cg21783183	0.689559	0.896005	-1.11607	0.0146353	2.2752	2.2752	0.00201652	0.303809	-3.29155	0.0141834	0.437113	-2.28774	13.6524	16.1715	[illegible]	1
cg01366419	0.265784	1.21528	1.21528	0.876788	1.10263	1.10263	9.66E-06	4.9611	4.9611	0.0195521	1.60709	1.60709	11.7899	5.27875	0.397986	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
10000315	WBSCR17	0.0636867	2.10381	2.10381	0.867262	0.942152	0.1614	0.533136	0.798629	1.25225	0.267219	1.50945	0.00313666	0.0953034	10.4928	0.2139723	2.94878	2.94878	0.00266507	4.39244	4.39244	0.00660657	0.284751	3.51184	0.419324	1.32807	11.723	23.5606	1.78646
10000315	WBSCR17	0.001351	?	?	0.00403336	0.022434	-44.5751	?	?	?	?	?	?	?	?	?	?	0.0516296	7.67104	7.67104	0.000723267	205.863	205.863	0.042707	8.6306	8.6306	19.6501	101.19	7.72437
10122853	WBSCR17	0.0016457	0.326042	1.4643	1.4643	0.00209348	5.09433	5.09433	0.305954	1.48983	1.48983	0.185866	1.69478	1.69478	0.000109729	0.0772033	-12.9328	0.212195	1.63924	1.63924	0.0849821	2.04696	2.04696	0.113366	0.523094	-1.9117	0.593105	0.816397	-1.2249	10.2031	22.8583	1.9914	1
11687681	WBSCR17	0.0016519	0.523039	2.82812	-1.26908	0.0341907	2.05081	2.05081	0.25658	1.32904	1.14014	1.14014	0.212555	1.44641	0.464641	0.000186713	0.159931	-6.25268	0.0654826	1.8237	1.8237	0.00116103	0.249944	-4.0009	0.0712011	0.556701	-1.79627	0.807793	0.931614	-1.07341	10.1684	13.6035	1.18917	1
10635000	WBSCR17	0.00179339	0.439141	0.879526	-1.13698	0.807406	0.961045	-1.04053	0.686696	0.936161	-1.06819	0.916845	0.983153	-1.01714	9.28E-05	0.125136	-3.11007	0.0347527	0.670054	-1.49242	0.0118541	1.66714	1.66714	0.00185202	0.487285	-2.05219	0.225167	0.812817	0.0196121	9.0041	4.2091	0.372616	1
08221741	WBSCR17	0.00249448	0.2988884	1.65403	1.65403	0.2471	1.76052	1.76052	0.836169	1.10162	1.10162	0.592431	1.2873	1.2873	0.000146915	0.0472637	-21.1579	0.196617	1.89281	1.89281	0.0260718	1.43527	1.43527	0.00397854	0.163723	-6.07788	0.0021444	0.944113	-1.05917	9.03792	31.2657	3.07501	1
10691020	WBSCR17	0.00379243	0.2188884	1.47493	1.47493	0.0193549	0.427454	-2.33943	0.268767	0.707408	-1.41361	0.392355	1.30128	1.30128	0.000165945	0.145412	-6.87701	0.123183	1.65182	1.65182	0.104281	0.586438	-1.70521	0.0130847	0.396542	-2.5218	0.624817	0.862328	-1.15965	7.97945	11.4137	1.27145	1
08166122	WBSCR17	0.0379207	0.0784055	1.49958	1.49958	0.674628	0.916188	-1.09148	0.317707	0.807708	-1.23868	0.546618	1.13478	1.13478	0.000225952	0.280533	-3.56464	0.0142869	1.87045	1.87045	0.500163	1.45255	1.45255	0.0504987	0.630059	-1.58755	0.708228	0.925045	-1.08103	7.89819	5.57283	0.604677	1
08129103	WBSCR17	0.0052844	0.990326	0.994654	-1.00537	0.142886	2.03613	2.03613	0.392289	1.47326	1.47326	0.970104	1.03163	1.03163	0.000185367	0.0505099	-19.7981	0.187453	1.85456	1.85456	0.282948	1.63762	1.63762	0.0961047	0.445785	-2.24323	0.460257	0.717121	1.39429	7.2155	22.3373	2.75177	1
05518130	WBSCR17	0.00559879	0.0256423	2.84234	2.84234	0.130589	1.90283	1.90283	0.422721	1.38084	1.38084	0.695012	1.16797	1.16797	0.00155117	0.166422	-6.00882	0.243662	1.6172	1.6172	0.00198434	5.59162	5.59162	0.0957287	0.486234	-2.05663	0.555101	1.26518	1.26518	7.08668	17.433	2.18602	1
00442249	WBSCR17	0.0668214	1.1758734	1.75734	1.75734	0.0204373	1.26273	1.26273	0.78294	1.06044	-1.09873	0.934321	1.18327	1.18327	0.00011205	0.826705	-1.20959	0.308984	1.698871	1.698871	0.0138088	0.997585	0.997585	0.00125	0.826705	1.20959	0.0002495	0.998033	1.00178	10.578	0.647642	0.8548	-1.16986	6.79283	12.5054	1.63641	1
00362633	WBSCR17	0.0831896	2.34747	2.34747	0.0930747	0.89365	2.83965	2.83965	0.0364848	2.99068	2.99068	0.119536	2.12022	2.12022	0.0281256	0.344472	2.903	0.0659304	2.50406	2.50406	0.00713454	9.90323	9.90323	0.96062	1.01709	1.01709	0.0906276	2.29203	2.29203	0.159585	18.7561	2.7866	1
00376299	WBSCR17	0.014174	0.6378317	0.845315	-1.1983	0.14449	0.549877	-1.81859	0.271461	0.686402	-1.45678	0.841289	0.837407	-1.19456	0.000188544	0.0908639	-11.0328	0.874619	0.941539	0.941539	0.0213667	0.841357	0.841357	0.0434867	0.431162	-2.31932	0.113113	0.513766	-1.94674	9.27841	12.5697	2.04694	1
12864225	WBSCR17	0.0159855	0.236054	-4.2362	0.00196621	0.117502	-8.51048	0.00486297	0.351497	-2.84501	0.22543	0.536264	-1.86475	0.0276128	0.279474	3.57815	0.00641	0.421965	2.37	2.37	0.0434872	0.155278	-6.44007	0.920102	0.952079	-1.05033	0.108003	0.423864	-2.35925	4.93295	18.7168	3.37266	1
12839136	WBSCR17	0.0169881	0.684863	0.784312	-1.275	0.89338	1.08312	1.08312	0.560921	1.14052	1.40592	0.908327	0.99371	-1.071	0.997895	0.926448	-1.07939	0.922166	0.943469	-1.05992	0.0295303	18.5192	18.5192	0.130862	2.64148	2.64148	0.0431697	2.67415	2.67415	0.0997083	20.7417	4.99139	1
00240732	WBSCR17	0.7375	0.879537	-1.13696	0.0892345	0.759422	-1.31679	0.0297447	0.856926	-1.16702	0.100442	0.722868	0.35305	2.83202	0.0472867	0.766526	-1.30442	0.860713	1.06464	1.06464	0.241687	2.78917	2.78917	0.574303	1.24182	1.24182	0.07165	1.01365	1.01365	0.876352	0.845857	0.240987	1
16005494	WBSCR17	0.0446037	0.16771	0.51151	-1.955	0.896054	1.0614	1.0614	0.277274	1.67388	1.67388	0.350573	0.645304	-1.54966	0.855346	0.92017	-1.08676	0.607483	0.789612	-1.26645	0.845058	0.9146661	-1.0933	0.0012091	8.6777	8.6777	0.578654	1.29144	1.29144	5.53721	11.6441	2.92612	1
13152030	WBSCR22	0.00010818	0.00791701	0.643533	-1.55392	0.00351663	0.109144	-1.66905	0.0469701	1.34218	1.34218	0.0300619	0.718762	-1.39128	8.35E-05	0.284472	-3.51529	3.26E-05	0.351703	2.84311	0.339081	1.13807	1.13807	0.109746	0.835771	-1.1965	0.00983363	0.635431	-1.57373	21.808	5.78542	0.229813	1
12248186	WBSCR22	0.00483222	0.8921102	1.03685	1.03685	0.64561	0.883848	-1.13142	0.0640154	0.575386	-1.75796	0.185596	0.625117	-1.5997	0.0181109	0.6360668	-1.57216	0.349549	1.29275	1.29275	0.000125985	0.53145	0.53145	0.182109	0.994039	-1.006	0.4985	0.832622	-1.20103	7.45538	8.3501	1.00003	1
24701257	WBSCR22;DNAJC30	0.0145351	0.0385687	1.59102	1.59102	0.216906	0.777417	-1.28631	0.427678	1.16991	1.16991	0.0710876	1.47805	1.47805	0.960353	1.00968	1.00968	0.407056	1.17863	1.17863	0.000982078	0.3868887	-2.58474	0.106389	1.40732	1.40732	0.863258	1.03397	1.03397	5.23484	3.11351	0.528681	1
01594988	WBSCR22;DNAJC30	0.0159498	0.1015099	1.8791	1.8791	0.00934373	0.148158	2.32678	0.0134758	1.32126	0.638634	-1.41137	0.576502	1.22557	0.0001205	0.416453	2.40139	0.212626	1.58702	1.58702	0.00594	0.280557	3.56542	0.0178485	1.11966	1.11966	0.974474	0.988806	1.01139	1.74266	7.84339	1.74266	1
20873478	WBSCR22;DNAJC30;DNAJC30	0.00686352	0.676656	1.05947	1.05947	0.00627794	1.633	1.633	0.25425	1.17819	1.17819	0.718042	1.05121	1.05121	0.0995522	1.28218	1.28218	0.828204	1.03039	1.03039	0.000632038	0.485116	-2.06136	0.0425478	1.37942	1.37942	0.410491	0.890539	-1.12298	6.65583	1.99926	0.267095	1
25906711	WBSCR27	7.16E-06	0.0719445	1.57432	1.57432	0.0015586	0.806594	-1.03027	0.0509091	1.31069	1.31069	0.0174365	1.11187	1.11187	0.0800253	1.564223	-1.55478	0.844189	1.18964	1.18964	0.0009339	-11.0328	0.874619	0.941539	0.0213667	0.841357	0.2344	0.0001	0.998033	1.00178	0.794005	0.254644	4.24	12.3123	0.225483	1.31564	1
22888238	WBSCR27	0.00051092	0.00353333	0.74096	-1.3496	0.519325	0.952116	-1.05029	0.262266	1.09177	1.09177	0.0505143	1.18224	1.18224	0.882491	1.01117	1.01117	0.0165544	1.802612	-1.24593	4.56E-05	0.55993	-1.78594	0.0142716	1.25483	1.25483	0.0120739	1.26502	1.26502	14.2038	1.26926	0.0794317	1
02237119	WBSCR27	0.0040616	0.378869	0.751802	-1.33014	0.00649736	3.05815	3.05815	0.867619	1.05413	1.05413	0.00102388	4.66023	4.66023	0.621407	1.17035	1.17035	0.525034	0.815844	-1.22572	0.000141656	5.87247	5.87247	0.895633	0.959376	-1.04234	0.219495	1.50384	1.50384	0.781823	12.3595	1.40575	1
06543376	WBSCR28	0.4188801	0.1215	1.51832	1.51832	0.0892345	0.759422	-1.31679	0.0297447	0.856926	-1.16702	0.100442	0.722868	0.35305	2.83202	0.0472867	0.766526	0.376043	1.37225	1.37225	0.0115778	0.728645	0.728645	0.0441004	0.729424	1.24007	0.0792424	0.744285	-1.33639	0.687947	1.09924	0.546561	0.77118	1
03781731	WBSCR27	0.024052	0.8565388	1.13842	1.13842	0.017732	1.89778	1.89778	0.630291	1.41561	1.41561	0.00726666	11.96	11.96	0.493629	1.64578	1.64578	0.20741	1.385672	-2.59288	0.00254698	20.0972	20.0972	0.531572	1.57484	1.57484	0.2706621	2.27508	2.27508	4.41609	35.9226	7.23066	1
02120123	WBSCR27	0.0015752	0.9651311	0.969742	-1.06823	0.999027	1.00111	1.00011	0.0487781	1.23728	1.23728	0.0652934	1.72152	1.72152	0.0161205	0.788331	-1.26842	0.126994	1.17473	1.17473	0.00832888	1.73152	1.73152	-1.38981	0.0014564	1.07751	1.07751	0.911894	0.989259	1.01086	3.99331	0.60205	0.153412	1
01679206	WBSCR27	0.0451482	0.161023	0.436882	-2.28895	0.867352	1.09687	1.09687	0.0257858	0.231219	-4.32501	0.0822681	0.3448	-2.90023	0.0038709	0.116224	8.60409	0.916237	0.934468	-1.05992	0.0295633	0.242414	-4.12517	0.127782	1.40225	-2.48623	0.0849067	0.348721	0.552119	17.0627	4.30732	1
02542733	WBSCR27	0.0460842	0.377061	0.814326	-1.22801	0.073593	1.57144	1.57144	0.188953	1.37077	1.37077	0.403353	1.21382	1.21382	0.754551	0.913198	1.07366	0.79388	0.942392	-1.06113	0.00293236	0.396162	-2.52422	0.278095	1.2912	1.2912	0.360523	1.2374	1.2374	3.47695	2.82761	0.722884	1
22737598	WBSCR28	6.29E-05	0.0004705	2.08145	-1.6049	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
03885264	WBSCR28	9.62E-05	0.104848	0.70049	-1.42756	0.000663836	0.351087	-2.8483	0.00737457	0.490846	-2.00062	0.244095	1.2773	1.2773	1.96E-06	0.0940441	10.633	0.341237	0.821222	-1.2177	0.984865	1.00382	1.00382	0.283131	0.799339	-1.25103	0.00441375	0.324504	-3.08162	22.3681	14.2892	0.567841	1
09117673	WBSCR28	0.000678869	0.11245	0.7042	-1.42045	0.0124226	0.203982	-4.90277	0.0010359	0.279185	0.79527	-1.25743	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	0.0001684	1
26232282	WBSCR28	0.00214624	0.0924775	0.692297	-1.44447	0.652871	0.914005	-1.09409	0.00068946	0.35736	-2.7983	0.156233	0.739899	-1.35154	0.00076686	0.363476	2.75121	0.697912	1.08054	1.08054	0.00191626	0.417853	-2.39318	0.000970034	0.377136	-2.65156	0.0510702	0.643209	1.5547	9.44538	9.90661	0.555297	1
06357314	WBSCR28	0.0069117	0.108893	1.77383	1.77383	0.584979	1.19815	1.19815	0.00305373	0.264475	-3.78107	0.428811	1.30314	1.30314	0.00387468	0.279366	3.57953	0.083274	1.87484	1.87484	0.13724	1.68996	1.68996	0.020744	0.401444	-2.49101	0.1232333	0.578487	-1.72865	6.64134	11.3022	1.51271	1
04398190	WBSCR28	0.0092418	0.1915981	1.68253	1.68253	0.0256	0.80594	-1.04027	0.0509091	1.31069	1.31069	0.0174365	1.11187	1.11187	0.0800253	1.564223	-1.55478	0.844189	1.18964	1.18964	0.0009339	-11.0328	0.874619	0.941539	0.0213667	0.841357	0.2344	0.0001	0.998033	1.00178	0.794005	0.254644	4.24	12.3123	0.225483	1.31564	1
09117641	WBSCR28	0.0293645	0.0046989	0.290723	-3.4397	0.284014	0.693518	-1.44192	0.367195	0.737419	-1.35608	0.851357	1.06363	1.06363	0.0789121	0.526472	1.89944	0.614249	0.846102	-1.18189	0.0250058	0.416075	-2.40341	0.00304664	0.263234	-3.79891	0.1748869	0.622203	-1.60719	4.11798	7.05195	1.5222	1
04969921	WDFY1	0.0017217	0.0135206	0.647997	-1.54305	0.0064295	0.284291	-2.5362	0.00301001	0.231756	-4.31488	0.0370152	0.364671	-2.74206	0.0013004	0.215342	4.64405	0.0250343	0.633354	0.633354	0.0247224	-1.57905	0.633354	1.26014	0.0032348	0.793555	-1.26014	0.00438266	0.334787	-2.98774	20.3147	4.8878	1
01457227	WDFY1	0.000575099	0.498489	0.917902	-1.08944	0.863122	0.102175	0.75702	0.0621	-1.32065	-1.03945	0.0958306	0.796092	-1.25614	1.76E-05	0.334418	2.99027	0.900215	-1.01576	1.01576	0.140452	0.820619	-1.21859	0.0197312	0.605061	-1.65273	0.00340192	0.486988	2.05344	13.7453	3.38341	0.2188	1
21.24833198	WDFY1	0.0047926	0.180524	0.823226	-1.21473	0.000133628	0.404285	-2.4735	0.0120468	0.65159	-1.53471	0.0770809	0.764213	-1.30854	0.0181038	0.675253	-1.48093	0.403474	1.12406	1.12406	0.0617447	0.746896	-1.33552	0.359453	0.879065	-1.13757	0.59391	1.0764	1.0764	7.45937	2.21083	0.263451	1
02879423	WDFY1	0.00662442	0.754211	0.896506	-1.11537	0.0104785	0.284291	-2.5362	0.00301001	0.231756	-4.31488	0.0370152	0.364671	-2.74206	0.0013004	0.215342	4.64405	0.0250343	0.633354	0.633354	0.0247224	-1.57905	0.633354	1.26014	0.0032348	0.793555	-1.26014	0.00438266	0.334787	-2.98774	20.3147	4.8878	1
22714964	WDFY1	0.0173605	0.026399	0.586468	-1.70512	0.0371005	0.612258	-1.6333	0.0444946	0.626435	-1.59634	0.335248	0.817573	-1.22313	0.0104343	0.520187	1.92239	0.021834	0.572494	-1.74674	0.0358684	0.647785	-1.54372	0.0637887	1.52555	1.52555	0.273297	1.25997	1.25997	0.43969	2.1205	0.578382	1
02047628	WDFY1	0.0209099	0.3144811	0.8554	-1.16895	0.0249447	0.659518	-1.51639	0.0158753	0.345514	-2.89597	0.0774272	0.715328	-1.3984	0.0036264	0.454803	2.19777	0.055245	1.44175	1.44175	0.0408921	0.703458	0.703458	0.0178842	0.708842	-1.41093	0.184704	0.788842	0.92065	-1.08574	5.42661	1.6511	0.77118	1
00483041	WDFY1	0.0310253	0.658538	0.875452	-1.14227	0.00884862	0.370235	-2.70099	0.0089386	0.369861	-2.70372	0.472015	0.244457	1.24457	0.0199977	0.431869	-2.31551	0.375143	1.31289	1.31289	0.313106	1.36621	1.36621	0.506728	1.2232	1.2232	0.433682	0.78747	-1.26989	4.03825	5.72069	1.25922	1
00149824	WDFY1	0.0093512	0.0197317	0.711355	-1.40545	0.0070437	0.245187	-4.08007	0.0024727	0.214825	-4.65588	0.0158482	0.316668	1.31668	0.0010234	0.192394	5.19992	0.012435	0.744104	-1.34337	0.0163286	0.579476	1.72579	-1.36093	0.0013284	0.735325	-1.36013	0.00252583	0.428203	-2.33534	10.7251	16.5919	0.747904	1
00290914	WDFY2	0.00019785	2.42E-05	0.0699035	-14.3056	0.0011413	0.218958	-4.56705	0.00140492	0.231575	-4.31826	0.756693	1.10329	1.0329	0.00927986	0.352026	2.84007	0.001189	0.224273	-4.46492	0.00279672	0.152662	-6.55041	0.00420705	0.297496	-3.36139	0.0002601	0.24959	-4.00693	31.1731	1.40823	1	
02595930	WDFY2	0.000650035	0.150117	0.910353	-1.09847	0.161983	0.913103	-1.09517	0.000277941	0.696193	-1.43638	0.00566195	1.24733	1.24733	0.0180429	0.839555	-1.19111	0.439837	0.953169	-1.04913	0.151215	1.09816	1.09816	0.000191207	0.682061	-1.46614	0.0567118	1.14032	1.14032	13.2834	0.779765	0.0521796	1
06805064	WDFY2	0.0010909	0.0248444	0.381804	-2.61903	0.0004357	0.0001	-10000	0.0001	0.0001	-10000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
09426825	WDFY2	0.00098886	0.0885545	1.42017	1.42017	0.0027038	2.1649	2.1649	0.996828	1.00074	1.00074	0.332177	1.21038	1.21038	0.79715	0.953049	-1.04926	0.329824	1.82824	1.82824	-1.20653	0.0639769	1.21357	1.21357	0.0236214	0.222035	0.32236	1.21545	1.21545	5.91273	3.26049	0.490707	1
03639807	WDFY2	0.0175812	0.810685	0.902901	-1.10806	0.0186201	0.302207	3.3079	0.0979056	0.265539	-3.76599	0.0836399	0.269576	1.65357	0.0001697	0.0908831	1.00483	0.708317	0.919637	0.919637	0.0908831	1.00483	1.00483	0.78612	0.998844	-1.11348	0.0878715	0.452287	-2.20814	0.00597591	5.19078	5.19078	0.0439758	0.140258	0.0138383	0.0138383	13.6205	2.476	1
02280014	WDFY2	0.0080071	0.8909	0.93696	-1.13696	0.123737	1.55401	1.55401	0.00209325	0.14201	0.14201	0.916947	0.972596	1.02818	0.08095221	0.599437	0.48823	0.032161	0.51497	-1.94186	0.446541	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	0.15186	1
16163847	WDFY2	0.0411518	0.4188422	0.727148	-1.37524	0.09917188	1.58295	1.58295	0.362886	1.43431	1.43431	0.387421	1.40733	1.40733	0.0143709	0.736776	-1.35727	0.033805	1.4726	1.4726	0.947264	0.97481	-1.02584	0.00295562	4.82527	4.82527	0.258078	1.57644	1.57644	3.44676	8.58739	2.09431	1
04149146	WDFY2;WDFY2	0.00542097	0.557003	0.8435	-1.18526	0.170898	1.54004	1.54004	0.0158604	0.364853	-2.74234	0.0944005	0.756679	1.32113	0.0143535	0.458307	2.18216	0.15121	1.35121	1.35121	0.399764	0.737657	1.27357	1.27357	0.0292948	0.859552	1.16344	1.83737	1.83737	1.47477	1.008	0.0001	1
12113075	WDFY2;WDFY2	0.0333225	0.593355	1.06384	1.06384	0.166115	1.18479	1.18479	0.0525217	1.28805	1.28805	0.942523	0.989178	-1.01094	0.594979	0.940248	-1.06355	0.849429	1.02206	1.02206	0.0328038	0.750722	-1.33205	0.00334028	0.632161	-1.58188	0.558542	1.07029	1.07029	3.93627	0.821935	0.185609	1
27006193	WDFY3	0.0035584	0.1193	1.11364	1.11364	0.1414002	2.1257	2.1257	0.164367	1.41564	1.41564	0.0197022	1.45688	1.45688	0.0164367	0.687539	1.45393	0.0045443	1.1024	1.1024	0.0026786	0.863169	0.863169	-1.15827	0.0026786	0.863169	-1.15827	0.0026786	0.863169	-1.15827	0.0026786	0.863169	-1.15827	0.0026786	0.863169	-1.15827	1
12024826	WDFY3	0.0033657	0.00101302	0.3470	-2.88145	0.3898	2.12074	2.12074	0.76976	1.08387	1.08387	0.536732	0.969874	1.03116	0.0249604	0.534994	1.86972	0.0298485	0.413079	-2.42085	0.0108888	1.99872	1.99872	0.346304	1.23429	1.23429	0.0053168	0.453262	2.20623	0.422444	2.28337	0.663135	1
02509756	WDFY4	0.0057306	0.0168035	0.269564	-3.70969	0.00878061	0.222856	-4.48721	0.00980379	0.230222	-4.34364	0.0318691	0.322603	-3.09978	0.00783419	0.215434	4.6418	0.00427649	0.179214	-5.57993	0.00219638	0.159199	-6.28144	0.00220047	0.145102	-6.89561	0.389546	0.672583	-1.48681	7.03833	22.5549	2.84853	1
00913799	WDFY4	0.00672548	0.0129521	0.748032	-1.33677	0.0133501	0.264906	-3.77512	0.00497	0.201625	-4.95912	0.0152529	0.313718	1.28137	0.0078455	0.211442	4.73296	0.010142	0.140153	1.40153	0.0131387	1.42496	1.42496	0.0159588	0.701314	1.42496	0.0159588	0.701314	1.42496	0.0159588	0.701314	1.42496	0.0159588	0.701314	1.42496	1
12607796	WDFY4	0.00800818	0.0194192	2.53195	2.53195	0.080203	0.991803	-1.00826	0.0556567	2.0398	2.0398	0.0105067	2.88202	2.88202	0.0084015	2.98375	2.98375	0.060196	2.00751	2.00751	0.00803265	5.27492	5.27492	0.00536774	3.3375	3.3375	0.26957	1.45929	1.45929	5.34211	10.8545	1.52132	1
02504007	WDFY4	0.0100891	0.30539	0.840104	-1.19018	0.0268466	1.44834	1.44834	0.0126254	1.46251	1.46251	0.0144622	1.46251	1.46251	0.0144622	0.683796	1.46251	0.0147665	1.47726	1.47726	0.0799356	0.656564	0.656564	0.0134923	1.2022	1.2022	0.0134923	1.2022	1.2022	0.0134923	1.2022	1.2022	0.0134923	1.2022	1.2022	0.0134923	1
27459529	WDFY4	0.0176443	0.811938	0.942945	-1.06051	0.0270234	0.524511	-1.90654	0.112237	0.652976	-1.53145	0.0858773	0.626361	-1.59652	0.667368	1.11245	1.11245	0.0211324	0.98053	1.98053	0.00989704	2.23274	2.23274	0.181473	1.41853	1.41853	0.0958788	0.63714	-1.56951	4.90793	47.2199	0.855213	1
26437842	WDFY4	0.0221141	0.342049	0.881017	-1.13505	0.274252	0.863112	-1.1586	0.307348	1.14653	1.14653	0.0494704	0.748209	-1.33631	0.0127219	0.972103	-1.0287	0.938675	1.01001	1.01001	0.00320491	1.68305	1.68305	0.139776	1.22827	1.22827	0.0226343	0.702453	-1.42358

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1353 vs. N)	Fold-Change(1353 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg22821355	WDR1;WDR1	0.024173	0.0309165	2.2322	4.47989	1.00292365	0.0889753	-11.2391	0.0466699	0.2959756	-3.84976	0.4222559	0.615626	-1.62436	0.0229189	0.19978	-5.0055	0.48889	0.659636	-1.53599	0.00913786	0.140925	-7.09598	0.0241201	0.2036612	-4.81972	4.40842	24.4518	4.93033	1
cg18009653	WDR1;WDR1	0.031895	0.0431665	2.91693	0.0326678	6.32948	3.52948	0.324445	1.59725	2.535504	1.57937	1.57937	0.638474	1.26841	1.26841	0.17872	1.92082	1.92982	0.059633	2.65541	0.00413854	5.86624	5.86624	0.0832601	2.41669	2.41669	3.99858	13.411	2.98129	1
cg25629930	WDR1;WDR1	0.0363415	0.844346	0.967559	-1.03353	0.0705908	1.40354	1.40354	0.144553	1.30073	1.30073	0.536449	0.900303	-1.11074	0.356616	0.852939	-1.17242	0.00454017	0.530313	-1.88568	0.0519846	1.44907	1.44907	0.254417	1.22098	1.22098	0.452417	0.879477	-1.13704	3.81472	1.70053	0.396251	1
cg20303303	WDR1;WDR1	0.0381655	0.412457	0.846006	-1.18202	0.909391	1.022938	1.022938	0.370128	1.20163	1.20163	0.00383245	0.459371	-2.17689	0.0218332	1.73171	1.73171	0.560099	1.12478	1.12478	?	?	0.986126	0.996536	-1.00348	0.310624	1.232289	1.232289	3.80676	2.13441	0.56069	1
cg18649737	WDR20	0.000180644	0.000170075	0.674661	-1.54402	0.275-05	0.622528	-1.60635	0.00861023	0.796413	-1.25563	0.0106669	0.804037	-1.24372	0.00086435	0.70928	-1.40988	0.588423	1.03782	1.03782	0.0134608	0.851459	0.814594	-1.22761	0.000750316	1.42019	1.42019	0.435626	0.947392	-1.05553	18.8847	1.58077	0.064992	1
cg05235325	WDR20	0.000714055	0.546387	0.868545	-1.15135	0.00402864	2.42289	2.42289	0.692397	1.09615	1.09615	0.342174	1.25353	1.25353	0.00017968	0.2133284	0.2133284	0.00882773	0.445278	-2.24579	0.0225247	1.87922	1.87922	0.106021	1.5032	1.5032	0.00153984	0.349258	-2.86321	12.9386	10.9235	0.750448	1
cg01052070	WDR20	0.00702172	0.217474	0.794289	-1.25899	0.000580813	0.388892	-2.57141	0.315084	0.831609	-1.20249	0.42169	1.15684	1.15684	0.653923	0.923023	-1.0834	0.00122713	0.432028	-2.31467	0.174251	1.29246	1.29246	0.306338	0.828623	-1.20682	0.846852	1.03492	1.03492	6.60873	3.29784	0.443566	1
cg04307553	WDR20 WDR20;WDR20;HSP90AA1;HSP90AA1;	0.0457537	0.0244401	0.496193	-2.01534	0.12974	0.65192	-1.53393	0.0170773	0.46768	-2.13821	0.575493	1.15937	1.15937	0.0194709	0.477714	-2.0933	0.316797	0.762996	-1.31062	0.0492802	0.556237	-1.79779	0.0392229	0.536156	-1.86513	0.0488873	0.5557	-1.79953	5.30564	3.79111	0.961821	1
cg10833014	WDR20;WDR20 WDR20;WDR20;HSP90AA1;HSP90AA1;	0.0151715	0.841472	1.03803	1.03803	0.0883489	1.8743	1.8743	0.103811	1.39309	1.39309	0.869474	1.03113	1.03113	0.420771	0.857872	-1.16567	0.104578	0.71845	-1.39189	0.00362437	0.480095	-2.08292	1.18316	0.76855	-1.30115	0.0942851	1.40895	1.40895	5.16125	2.8397	0.489064	1
cg12921795	WDR20;WDR20;WDR20;HSP90AA1;HSP 90AA1;WDR20	0.0478677	0.828447	0.972517	-1.02826	0.505545	1.09063	1.09063	0.0350281	1.37082	1.37082	0.318569	1.14154	1.14154	0.0791418	0.778561	-1.28442	0.962385	0.993962	-1.00607	0.00412253	0.610157	-1.63892	0.916543	1.01355	1.01355	0.585979	0.931811	-1.07318	3.44456	0.899594	0.232146	1
cg15816013	90AA1;WDR20	0.000897592	?	?	?	0.0500955	0.57039	-1.75319	0.218597	0.722372	-1.38433	?	?	?	0.249841	0.739156	-1.35289	?	?	?	7.21E-05	0.162572	-6.15114	0.016324	2.09165	2.09165	0.171505	1.44177	1.44177	13.2629	8.84547	0.889243	1
cg25043641	WDR20;WDR20;WDR20;WDR20	2.51E-05	0.00470854	1.39208	1.39208	3.74E-06	0.385277	-2.59554	5.63E-06	0.405116	-2.46843	0.865292	1.0151	1.0151	0.0800145	0.740935	-1.34965	0.180314	1.13778	1.13778	0.0119841	0.758337	-1.31868	0.000781903	0.638806	-1.56542	0.0152915	0.768893	-1.30057	31.9167	3.93687	0.109643	1
cg15133936	WDR20;WDR20;WDR20;WDR20	0.000268854	0.0029824	1.57523	1.57523	0.0028286	0.507455	-1.21637	0.00979055	0.694737	-1.43939	0.0656564	0.998207	-1.00178	0.0094737	0.649459	-1.53966	0.00127685	0.688567	-1.45206	0.0496092	1.51401	1.51401	0.0426425	0.652217	-1.5318	0.0762691	1.0338	1.0338	16.9505	3.81326	0.175086	1
cg01755336	WDR20;WDR20;WDR20;WDR20 WDR20;WDR20;WDR20;WDR20;HSP90	0.0176862	0.0109017	0.683604	-1.46284	0.261239	1.14964	1.14964	0.962332	1.00564	1.00564	0.804293	1.02999	1.02999	0.311712	0.882883	-1.13265	0.0435724	0.758672	-1.31809	0.402724	1.1073	1.1073	0.0104797	1.46731	1.46731	0.0148961	0.700176	-1.42821	4.90402	1.10023	0.199424	1
cg26174539	AA1;WDR20	0.0478914	0.263844	0.873345	-1.14502	0.1614071	1.27766	1.27766	0.155974	1.19301	1.19301	0.367807	0.898023	-1.11356	0.0371076	1.325	1.325	0.467004	1.08987	1.08987	0.0093131	1.46748	1.46748	0.0431525	1.31063	1.31063	0.748523	0.963292	-1.03811	3.44391	0.737378	0.19032	1
cg16698286	WDR24	2.31E-05	0.662308	0.896444	-1.11552	0.00254961	0.352977	-2.83104	0.000191231	0.209412	-4.77528	0.863005	0.957947	-1.0439	0.000150522	0.198133	-5.04711	0.216069	0.723154	-1.38245	7.93E-07	0.0370984	-26.9553	0.000103118	0.183008	-5.5246	0.00022454	0.217167	-4.60474	32.6329	31.9834	0.871196	1
cg02620557	WDR24	0.000729799	0.0156232	1.14702	1.14702	0.00245917	0.814709	-1.22743	0.0105756	1.13638	1.13638	0.0204835	0.894648	-1.22472	2.98E-05	0.671006	-1.48953	0.783089	1.01352	1.01352	0.0227317	1.14544	1.14544	0.0644252	0.879884	-1.13662	0.0270103	1.880481	-1.19574	16.7832	6.029156	0.0333221	1
cg03859614	WDR24	0.00299204	0.011546	0.293707	-3.40476	0.00602319	0.248618	-4.02224	0.0216221	0.34307	-2.91486	0.454045	1.34389	1.34389	0.0037434	0.218948	-4.5673	0.0168842	0.322852	-3.09739	0.0756268	0.464367	-2.15347	0.000887688	0.149936	-6.94752	0.00113334	0.156043	-6.40085	6.5649	20.4083	2.21802	1
cg02677943	WDR24	0.000732157	0.009393344	0.18756	-5.33162	0.0241008	0.31338	-3.19163	0.00145456	0.2183	-4.58163	0.0663743	0.490952	-1.03826	0.0043404	0.190945	-5.25757	0.0711286	0.185737	-5.38407	0.0118864	0.310026	-3.00916	0.0184575	0.291436	-3.43128	0.596418	1.39376	-1.03016	0.0184575	0.291436	3.43128	0.596418	1
cg07509420	WDR24	0.0103333	0.459807	-2.863539	-1.15802	0.152365	1.34834	1.34834	0.452869	1.16076	1.16076	0.000665293	0.362155	-2.76125	0.292891	0.808383	-1.23704	0.276656	1.24681	1.24681	0.00460853	0.479487	-2.08556	0.455744	1.862348	-1.15962	0.8004458	1.05061	1.05061	5.84888	3.52049	0.53503	1
cg02702524	WDR24	0.0229308	0.0500958	0.707919	-1.41259	0.128117	1.2896	1.2896	0.217771	0.818332	-1.222	0.782464	1.04371	1.04371	0.588728	0.910055	-1.08807	0.00286591	0.530272	-1.88583	0.00551509	0.568884	-1.75763	0.482525	0.895507	-1.11669	0.981071	1.00368	1.00368	4.48952	1.70014	0.336613	1
cg09852871	WDR24	0.0407218	0.0400043	0.545328	-1.83407	0.0273665	0.512865	-1.94911	0.0265516	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	0.368067	-2.71664	0.0106225	1
cg07984365	WDR24	0.0363188	0.0087793	0.111368	-8.9792	0.786439	0.836445	-1.19554	0.0172217	0.148297	-6.74324	0.920489	0.93645	-1.06786	0.187484	0.399054	-2.50592	0.0458895	0.222045	-4.50359	0.0186541	0.153325	-6.52208	0.102858	0.309261	-3.23352	0.0163116	0.144965	-6.89824	3.81559	26.1348	6.08843	1
cg15812603	WDR25;WDR25	0.0142329	0.0589626	0.55796	-1.79224	0.0676704	0.875508	-1.14209	0.0150459	0.225755	-4.44938	0.432094	0.795345	-1.25732	0.0787654	0.587207	-1.70272	0.0599888	0.558644	-1.79005	0.00225383	0.331491	-3.01681	0.0228642	0.340867	-2.9654	0.00235362	0.313159	-3.19327	27.2162	9.515869	1.25704	1
cg16088427	WDR25;WDR25	0.0133329	0.484405	-1.18199	1.18199	0.00245493	0.371049	-2.69506	0.00380979	0.390249	-2.5047	0.819528	1.05525	1.05525	0.937234	0.792588	-1.26169	0.0680413	0.616746	1.61746	?	?	0.99552	1.14896	1.14896	0.787031	0.938268	-1.06579	5.48037	4.27885	0.77948	1
cg14215786	WDR25;WDR25	0.0165529	0.00900518	0.0650755	-15.3668	0.0106021	0.0710497	-14.0747	0.0887776	0.213412	-4.68576	0.105769	0.233698	-4.27902	0.0228207	0.106317	-9.40582	0.118682	0.248194	4.0291	0.00381543	0.0403736	-24.7687	0.015461	0.0867871	-11.5225	0.0142433	0.0831187	-12.031	5.01393	51.7544	9.52979	1
cg07197326	WDR25;WDR25	0.0156795	0.00421917	0.0475705	-21.0274	0.0145012	0.315443	-3.16913	0.0107576	0.145749	-6.8653	0.0679494	0.2245	-4.45453	0.0144398	0.133283	-7.50349	0.176437	0.487625	-2.05076	0.0124398	0.23738	-4.21266	0.0344207	0.487625	-2.05076	0.0124398	0.23738	-4.21266	0.0344207	0.487625	-2.05076	0.0124398	0.23738	-4.21266	0.0344207	0.487625	-2.05076	0.0124398	1
cg23094666	WDR25;WDR25	0.0284219	0.011724	0.0564749	-17.707	0.0230794	0.0794946	-12.5795	0.0881961	0.279568	-3.57689	0.204709	0.294879	-3.39122	0.0503978	0.130613	-7.65623	0.0775655	0.166858	-5.99311	0.00894791	0.0408833	-20.7972	0.0115293	0.0559186	-17.8831	0.0268626	0.0913517	-10.9467	4.16576	54.9633	11.7281	1
cg21099393	WDR25;WDR25	0.0285239	0.311702	-1.27954	1.27954	0.0122486	0.71126	1.71126	0.0856507	1.08567	1.08567	0.0178608	0.600297	1.66503	0.0184192	0.728563	-1.37242	0.0461146	0.882281	1.13349	0.0178608	0.600297	1.66503	0.0184192	0.728563	-1.37242	0.0461146	0.882281	1.13349	0.0178608	0.600297	1.66503	0.0184192	0.728563	-1.37242	0.0461146	0.882281	1.13349	1
cg08339954	WDR25;WDR25	0.0357679	0.0160742	0.0855948	-11.683	0.0062679	0.0512575	-19.5093	0.116829	0.241326	-4.14372	0.387909	0.477883	-2.09256	0.0570268	0.165836	-6.03005	0.122723	0.247731	-4.03664	0.0156572	0.0844056	-11.8475	0.0270781	0.112652	-8.87688	0.0505791	0.155839	6.41688	3.83683	22.3055	9.80102	1
cg18137450	WDR26;WDR26	0.000304523	0.207952	0.820194	-1.21893	0.00274139	0.851232	1.85232	0.532E-05	0.07975	0.07975	0.000263487	0.244844	2.44484	0.171257	0.804758	-1.24261	0.0485507	1.39827	1.39827	0.70102	1.05727	1.05727	0.123058	0.779495	-1.28288	0.000633827	0.218744	2.18744	16.3829	5.7689	0.313004	1
cg08707875	WDR26;WDR26	0.0181246	0.0256147	0.0973845	-10.2741	0.0268622	0.516835	-1.9372	0.0204754	0.2074	-4.82204	0.000800881	0.238412	-4.16727	0.0139557	0.295251	-3.38704	0.0009078	0.0912006	-10.9625	0.00139	0.0992861	0.629823	-1.58809	0.0092861	-14.1057	0.0012269	-1.59001	0.0312294	0.513172	2.18246	16.1288	0.881819	1
cg07542458	WDR26;WDR26	0.0171881	0.0182083	0.679776	-1.47107	0.758313	1.04325	1.04325	0.979161	1.00352	1.00352	0.0039994	0.594023	-1.68344	0.0177087	0.678162	-1.47457	0.0934378	0.780023	-1.28201	0.0324485	1.40092	1.40092	0.721915	0.953023	-1.04929	0.614576	1.07076	1.07076	4.95121	1.42159	0.255218	1
cg04040382	WDR26;WDR26	0.0101681	0.48532	0.97059	-1.03035	0.915517	0.994755	1.00206	0.903615	1.00368	1.00368	0.0204808	0.658253	-1.51932	0.0038785	0.553904	-1.80567	0.843242	0.968494	-1.03253	0.0221569	1.07722	1.07722	0.134849	0.695	-1.43959	0.0156586	0.673441	-1.48491	0.78217	1.29734	0.368866	1
cg01122889	WDR26;WDR26	0.0341853	0.635958	0.05239	1.05239	0.502837	1.07554	1.07554	0.0226243	1.56181	1.56181	0.0307484	1.31214	1.31214	0.0198358	0.99978	-1.00022	0.405673	1.09539	1.09539	0.912465	0.998	-1.00185	0.261499	1.1336	1.1336	0.0507896	1.04726	1.4726	1.900818	1.708445	0.161461	1
cg13001538	WDR26;WDR26;WDR26;WDR26	0.0285907	0.74692	0.955729	-1.04632	0.368678	1.13783	1.13783	0.0261578	1.44627	1.44627	0.0055891	0.601166	-1.66344	0.891772	1.01922	1.01922	0.153655	0.807647	-1.23816	0.201721	0.828177	-1.20747	0.0969541	1.29018	1.29018	0.11212	1.2737	1.2737	4.15706	1.28761	0.275324	1
cg13386634	WDR27	8.25E-06	0.437487	1.0946	1.0946	0.0296871	0.176571	-1.39319	0.00260787	0.24	-4.16667	0.0375323	0.16283	-6.14286	0.0023708	0.229	-4.36681	0.0246051	1.35692	1.35692	1.61E-06	0.252153	-3.96585	0.177551	0.8491661	-1.17765	0.00513658	0.165862	1.52471	6.42641	8.79481	0.183334	1
cg11412527	WDR27	0.00014264	0.67235	1.05725	1.05725	0.706105	0.951629	-1.05083	0.0118714	0.662962	-1.50838	0.968587	0.994859	-1.00517	2.65E-06	0.227542	4.3948	0.000348745	0.471167	-2.12239	0.40023	0.89142	-1.11935	0.181784	1.20382	1.20382	0.792666	1.03508	1.03508	20.1292	5.46062	0.241136	1
cg09680552	WDR27	0.00016383	0.0802212	0.673482	-1.48452	0.0127979	0.71759	-1.39353	0.0182213	0.19502	-5.12677	0.0551183	0.61884	-1.61594	0.0139245	0.972554	-1.02822	0.0091638	0.883148	-1.13213	0.0176	0.691368	0.828114	-1.20731	0.0221478	0.774215	-1.2917	0.0407996	0.850494	-1.17579	0.814417	1.22868	0.0660289	1
cg22368624	WDR27;WDR27	0.00017686	0.62727	1.06604	1.06604	5.15E-06	0.258191	-3.87311	0.0134602	0.670403	-1.49164	0.661608	0.10925	1.09525	0.961028	0.993634	-1.00641	0.00936018	0.650062	-1.53832	0.00103034	0.188806	1.88806	0.966409	0.994511	-1.00552	0.458795	0.906116	-1.10361	18.9931	5.13799	0.240461	1
cg10258512	WDR27;WDR27	0.00015852	0.411779	1.12551	1.12551	0.000286601	0.0276908	3.44693	-1.44636	0.0015084	2.09463	-1.39408	0.836591	0.955942	-1.15128	0.475762	0.889358	-1.12441	0.589316	1.71257	0.000326021	0.188497	5.30503	-1.41433	0.0119281	1.50343	0.0076554	0.608699	-1.64285	17.1325	7.35204	0.89787	1
cg12761612	WDR27	0.00082212	0.547283	-1.93712	-1.16602	0.03967	1.28663	1.28663	0.193909	1.24323	1.39E-05	0.000123	0.15676	6.09106	0.0014329	0.0472051	3.24164	0.0121811	1.39234	1.39234	0.00923741	0.149195	5.210895	0.933367	-1.07139	0.339251	1.11	1.11	1.43262	2.21088	0.158025	1
cg04627702	WDR27	0.00093536	0.0308077	0.468457	-2.13467	0.00497605	0.329034	-3.0392	0.00215517	0.275827	-3.62547	0.0124267	0.394471	-2.53504	0.000529014	0.19911	-5.02236	0.00339211	0.303926	-3.29028	8.33E-05	0.120319	-8.31124	0.9090338	1.03476	1.03476	0.0295494	0.464824	-2.15135	13.9914	16.9781	1.25854	1
cg24389034	WDR27	0.00698847	0.147113	-1.5435	-1.15435	0.0682889	0.97735	-1.02313	0.0078684	0.586267	-1.7058	0.0679375	-1.1033	0.000878684	1.586267	0.1099911	9.0915	0.0128569	0.00325993	0.181453	-5.5099	0.1139969	8.7757	1.09599	0.0382539	1.03404	0.1034143	0.655314	0.588934	1.08934	1.08934	1.08934	0.510648	1
cg01368780	WDR27	0.00125717	0.0139506	1.52225	1.52225	0.846697	0.973573	-1.02714	0.00539486	0.602399	-1.66003	0.42615	1.11901	1.11901	6.03E-05	0.358523	1.78922	0.0541713	0.799054	-1.35308	0.0685772	1.3259	1.3259	0.385123	0.884079	-1.13112	0.440049	0.896767	-1.11512	11.0242	1.34298	0.269546	1
cg19326707	WDR27	0.00129587	0.0188533	0.615993	-1.21952	0.0153334	0.871454	-1.14756	0.8262062	0.91044	-1.01446	0.356074	1.08667	1.08667	0.00990755	0.722994	-1.38314	0.0008793	0.723207	-1.38406	0.00197945	0.308457	1.30867	1.30867	0.00945541	1.12841	1.12841	0.0696918	0.875914	-1.14166	10.929	0.737795	0.260907	1
cg00107364	WDR27;WDR27	0.00145761	0.0041761	0.0455948	-21.9344	0.0145347	1.15547	1.15547	0.0318258	0.653571	-1.52973	0.4585226	0.894055	-1.1185	0.000682211	0.463828	-2.1597	0.0249505	0.198997	-5.02512	0.00178	0.313732	-3.18794	1.48E-05	0.133732	-7.48155	0.0181162	0.63534	0.784591	-1.27455	0.0181162	0.63534	1.57388	-1.53064	10.4648	3.64822	0.309884	1
cg00670977	WDR27	0.00181161	0.344071	1.13852	1.13852	0.0498967	0.34672	1.34672	0.00149518	0.543674	-1.83934	0.32758	1.1439	1.1439	0.00910789	0.403061	-2.48101	0.373503	1.1293	1.1293	0.0014955	0.196927	1.03987	1.03987	0.0814858	0.773347	-1.29308	0.614333	0.934605	-1.06997	0.932327	2.78453	0.249428	1
cg21064505	WDR27;WDR27	0.00210801	0.0274835	0.0744289	-13.4386	0.0250047	0.533334	-1.87523	0.0133334	0.248733	-4.02349	0.0804394	0.301831	-3.31334	0.00723	0.0894394	-11.1828	0.0026	0.0240435	-41.5897	0.00139	0.0243128	0.6257	-1.59804	0.0174877	-5.71864	0.0239	-41.8407	0.0422	-23.6944	0.0422	-23.6944	0.0422	-23.6944	0.0422	-23.6944	0.0422	-23.6944	0.0422	1
cg04858090	WDR27;WDR27	0.00340431	0.0746891	0.670175	-1.49215	0.0036069	0.452858	-2.2082	0.228914	0.775286	-1.28985	0.03379	0.606754	-1.64811	0.00023022	0.291451	-3.43111	0.107625	0.701913	-1.42468	0.0978928	0.693489	-1.44198	0.334268	0.818125	-1.22231	0.000672408	0.350466	-2.85334	8.24185	5.30401	0.572041	1
cg14282158	WDR27;WDR27	0.00381828	0.689535	0.937133	-1.06708	0.00770855	0.574909	-1.73941	0.0210144	0.482407	-2.07294	0.0289817	0.659511	-1.51628	0.4757562	0.889358	-1.12441	0.843242	0.968494	-1.03253	0.00215069	0.400727	2.00727	0.0193349	0.6995	-1.42959	0.0156586	0.673441	-1.48491	0.78217	1.29734	0.368866	1
cg19565795	WDR27;WDR27	0.00387111	0.00820889	0.580815	-1.96845	0.00302594	0.342124	3.24212	0.262751	1.25945	1.25945	0.659562	0.924367	-1.08182	0.0549914	0.664577	-1.54615	0.165488	0.743619	-1.34478	0.0549823	1.54618	1.54618	0.204305	1.30769	1.30769	0.687471	1.08436	1.08436	0.739303	0.03712	0.564597	1
cg17634425	WDR27;WDR27	0.00484208	0.985994	0.995459	-1.00456	0.000353878	0.225907	-4.42659	0.133567	0.657334	-1.5213	0.24957	1.36617	1.36617	0.248367	1.36735	1.36735	0.253093	0.733817	-1.36274	0.0114098	2.27274	2.27274	0.0964949	1.60505	1.60505	0.102581	1.58907	1.58907	7.41078	7.89066	0.946448	1
cg23565166	WDR27;WDR27	0.00493213	0.0273364	0.56301	-1.77594	0.0228661	0.574958	-1.7404	0.0215059	0.2185	-4.57717	0.0331104	0.496984	-1.0113	0.000876884	0.158626	-6.30379	0.0025399	0.0183259	0.181453	-5.5099	0.1139969	8.7757	1.09599	0.0382539	1.03404	0.1034143	0.655314	0.588934	1.08934	1.08934	1.08934	0.510648	1
cg24390732	WDR27;WDR27	0.00518511	0.00085145	0.265321	-3.76902	0.127181	1.5475	1.5475	0.00599925	0.38653	-2.58712	0.881618	0.961323	-1.04023	0.845261	1.05308	1.05308	0.0815433	0.599886	-1.66698	0.0238555	0.489823	-2.04155	0.362465	0.780545	-1.28116	0.00232447	0.3242	-3.08242	7.25751	8.05362	0.986394	1
cg05302825	WDR27;WDR27	0.00535885	0.160938	0.846396	-1.18135	0.0224286	0.374655	-2.66916	0.0145424	0.257353	-3.88318	0.0144582	0.383318	-2.6084	0.00440139	0.156494	-6.3912	0.0008384	0.0592636	-16.8743	0.00079435	0.0258651	0.291333	-3.43245	0.413942	1.34957	1.34957	0.00953605	0.271403	-3.68456	3.72613	0.64913	0.183971	1
cg10834734	WDR27;WDR27	0.00819135	0.400106	-1.11095	1.11095	0.00436061	0.627994	-1.59237	0.0766786	0.786216	-1.27192	0.0178246	0.703391	-1.42168	0.00140625	0.568412	-1.75929	0.142589	0.824877	-1.2123	0.0499417	1.31405	1.31405	0.672956	0.949461	-1.05123	0.782581	0.966742	-1.0344	6.2971	1.48219	0.21007	1
cg21239439	WDR27;WDR27	0.00895917	0.304542	0.816209	-1.22518	0.888435	1.02717	1.02717	0.0192223	0.582176	-1.71792	0.024385	0.5991	-1.66917	0.00340183	0.332096	-3.01118	0.0909599	0.700728	-1.42709	0.0886227	0.698541	-1.43155	0.362438	1.19576	1.19576	0.0359905	0.62757	-1.59345	0.6122	1.53652	0.513555	1
cg00043940	WDR27;WDR27	0.00927775	0.687689	0.97343	-1.02729	0.0178475	1.13027	1.13027	0.0301328	0.482653	-2.0716	0.0227512	0.588372	-1.69952	0.00170744	0.324242	-3.08424	0.979525	1.00559	1.00559	0.0163509	0.433147	2.30769	1.30769	0.687471	1.08436	1.08436	0.739303	0.03712	0.564597	1.08436	1.08436	0.739303	0.03712	0.564597	1.08436	1.08436	0.739303	0.03712	0.564597	1
cg22389147	WDR27;WDR27	0.00998941	0.882206	0.97389	-1.02681	0.427996	0.865542	-1.15535	0.0174171	0.596556	-1.67629	0.311555	0.829596	-1.20541	0.710581	0.935652	-1.06877	0.50834	1.1272	1.1272	0.000346622	2.79264	2.79264	0.383499	0.852604	-1.17288	0.569852	0.902374	-1.10819	5.91262	2.98172	0.448264	1
cg08185889

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg10998124	WDR37	0.0157608	0.854366	0.913133	-1.09513	0.0254471	3.7191	3.7191	0.59153	0.764974
cg00779313	WDR37	0.0158456	0.0158477	0.16319	-6.12782	0.00722913	0.119276	-8.38393	0.106957	0.339737
cg26525375	WDR37	0.019899	0.655061	0.944799	-1.05843	0.519805	1.08588	1.08588	0.647533	0.943528
cg11314310	WDR37	0.0214068	0.75946	1.12196	1.12196	0.00412897	0.236658	-4.22551	0.111978	0.522833
cg19193241	WDR37	0.0223581	0.00355711	0.511844	-1.95372	0.416115	0.868557	-1.15133	0.967874	1.00685
cg14861934	WDR37	0.0228493	0.549782	1.11646	1.11646	0.000450323	0.36527	-2.7377	0.584343	1.1058
cg03714691	WDR37	0.0233555	0.934998	0.983774	-1.01649	0.00552592	0.481268	-2.07785	0.00714918	0.498267
cg24089612	WDR37	0.0291014	0.405961	0.790808	-1.26453	0.000574607	0.229636	-4.35471	0.17806	0.673645
cg23348979	WDR37	0.0319685	0.118812	1.88519	1.88519	0.00907032	0.288854	-3.46196	0.392247	1.38852
cg09753778	WDR37	0.0382348	0.0191606	0.267018	-3.74507	0.302629	1.64451	1.64451	0.107806	2.26479
cg23573822	WDR37	0.0394675	0.0642687	1.74539	1.74539	0.905037	1.03249	1.03249	0.247098	1.38295
cg25275452	WDR37	0.0434546	0.122498	0.508148	-1.96793	0.0186559	0.315553	-3.16904	0.0965103	0.478003
cg14929913	WDR37	0.0440302	0.871887	0.971961	-1.02885	0.00108498	0.427466	-2.33936	0.10967	0.735418
cg26857378	WDR37	0.0446736	0.0600501	0.733813	-1.36275	0.209002	0.824302	-1.21315	0.0854488	0.757755
cg20682517	WDR37	0.0447381	0.466314	0.872827	-1.1457	0.669703	1.08191	1.08191	0.252988	0.803273
cg12639192	WDR37	0.0476322	0.0783275	0.311101	-3.21439	0.0106728	0.147146	-6.79598	0.138279	0.385667
cg17833322	WDR37;WDR37	0.00197727	0.637076	1.11956	1.11956	0.190278	1.39046	1.39046	0.789344	1.0657
cg00541066	WDR38	0.0137181	0.769712	0.91735	-1.0901	0.320937	1.35169	1.35169	0.851587	1.05658
cg20704406	WDR38	0.01803	0.0871511	0.863034	-1.1587	0.727748	1.02763	1.02763	0.333692	1.08086
cg10503028	WDR38	0.0381293	0.00889432	0.587885	-1.70101	0.337483	0.854025	-1.17093	0.0878359	0.740347
cg14366256	WDR38	0.0383314	0.0527452	0.525109	-1.90437	0.926364	1.02741	1.02741	0.870996	0.953567
cg15458296	WDR3;GDAP2;GDAP2	0.00365812	0.0169805	1.42551	1.42551	0.0207884	1.40343	1.40343	0.106847	1.23912

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105 N)	Fold-Change(105 vs. N)	p-value(111 N)	Fold-Change(111 vs. N)	p-value(112 117 vs. N)	Fold-Change(112 117 vs. N)	p-value(112 127 vs. N)	Fold-Change(112 127 vs. N)	p-value(121 N)	Fold-Change(121 N)	p-value(121 21 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 37 vs. N)	Fold-Change(5 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg26395211	WDR55	0.0117858	0.0337476	0.622778	-1.60573	0.838897	1.01965	1.01965	0.0231029	0.595209	-1.68008	0.00393345	0.502927	-1.59836	0.4263132	1.16783	1.16783	0.00496403	0.491429	-2.03488	0.0892602	1.43034	1.43034	0.1370027	1.31344	1.31344	0.8013532	0.953032	0.1408103	5.60613	3.23914	0.513586	1
cg12446082	WDR55	0.0454057	0.803634	0.961343	-1.04021	0.831995	1.03419	1.03419	0.8126655	1.03829	1.03829	0.3755597	1.154771	1.154777	0.777123	1.04593	1.04593	0.3400212	1.16837	1.16837	0.00306338	0.526394	-1.89972	0.1998882	0.8071606	-1.239	0.0307901	1.49391	3.51369	1.393052	0.3525332	1
cg09112262	WDR55	0.0471241	0.908855	0.974435	-1.02624	0.00560497	0.4393163	-2.27602	0.144578	0.701617	-1.42528	0.207351	1.35076	1.35076	0.00590243	0.44285	-2.2581	0.527717	0.865297	-1.15567	0.4835756	0.8512294	-1.17468	0.6217702	0.893622	-1.11904	0.6355533	0.897666	-1.114	3.46497	2.80616	0.719881	1
cg15411550	WDR55	?	?	?	?	?	0.0124947	-80.0336	?	?	?	?	1.25798	1.25798	?	?	?	?	0.092628	-30.7959	?	?	?	?	1.13231	1.13231	?	?	34.8052	0	1
cg11892243	WDR55;WDR55	0.00886536	0.0559399	1.32408	1.32408	0.0541304	1.327559	1.32759	0.174179	1.26612	0.568556	0.928012	-1.07757	0.814019	0.969911	-1.03102	?	0.468944	1.10023	1.10023	0.00401593	0.482596	-2.07213	0.97489	0.995928	-1.00409	0.120674	2.24384	1.24384	0.641666	1.634479	0.236604	1
cg05828191	WDR59	0.0009557	0.0109557	2.919563	2.919563	0.000161394	9.64294	9.64294	0.0294277	0.422489	-2.36491	0.675916	1.151533	1.151533	0.00451277	0.280781	-3.5615	0.351605	1.37948	1.37948	0.00308055	1.732111	7.19211	7.19211	0.00157554	4.538869	4.584877	1.005905	1.005905	0.005	15.7095	28.02013	1.538552	1
cg02990814	WDR59	0.000521912	0.00444756	0.394478	-2.535	0.000493314	0.262549	-3.80882	0.00057586	0.27092	-3.69113	0.12248	1.50718	1.50718	0.916599	0.974651	-1.02601	0.978375	0.993378	-1.00667	7.10E-05	0.169386	-5.90366	0.120303	0.6616631	-1.51142	0.312378	1.29195	1.29195	1.42124	13.4376	0.845845	1
cg07222625	WDR59	0.000673234	0.0159972	1.13413	1.13413	0.0201156542	2.00126	2.00126	0.0606866	1.50736	1.50736	3.25E-05	0.199127	-5.02193	0.361856	0.829244	-1.31062	0.360908	1.20669	1.20669	0.0012354	0.5126	0.0103198	0.524053	-1.90731	0.0756625	0.673569	-1.48441	1.91538	8.3141	0.563839	1
cg05539120	WDR59	0.00120709	0.354549	0.831139	1.20033	0.000208909	0.304484	-3.28424	0.000121656	0.276336	-3.61878	0.0844691	0.693645	-1.44162	0.0224145	0.44981	-2.24774	0.336761	0.827099	-1.20904	0.0335662	0.469192	-2.13132	0.145076	0.740865	-1.34977	0.0233846	0.594997	-1.68068	11.153	6.48823	0.517188	1
cg02762393	WDR59	0.0021206	0.0292006	2.4706	2.4706	0.249593	1.52734	1.52734	0.876043	1.05648	1.05648	0.58283	0.822633	-1.21561	?	?	?	0.667536	0.858906	-1.16427	5.90E-05	0.0730327	-13.6925	0.157949	1.70125	1.70125	0.795129	0.91248	-1.09591	9.69466	16.9084	1.74409	1
cg16379116	WDR59	0.002516122	0.0838714	1.55002	1.55002	0.0001	0.0106755	1.70215	0.0045859	0.592992	-1.02015	0.0547839	0.597743	-1.83238	0.1850684	0.957243	-1.04435	0.159883	1.45066	1.45066	0.0004546	0.557772	1.7993	3.59852	0.0001	3.640257	0.8505006	0.957581	1.0443	1.01497	7.49455	0.738073	1
cg02303647	WDR59	0.0101912	0.105558	0.600356	-1.66568	0.0236326	0.4585124	-2.18096	0.648636	0.87600	-1.14154	0.090616	0.583914	-1.71258	0.0028033	0.180584	-5.53758	0.026548	0.468271	-2.13551	0.0145224	0.424128	-2.35778	0.715638	0.8098806	-1.11135	0.188731	0.669092	-1.49456	5.8749	7.74798	1.37229	1
cg01085653	WDR59	0.0157176	0.109722	0.677265	-1.11999	0.724247	0.979375	-1.02696	0.0015203	1.0706	1.0706	0.0279778	0.822845	-1.21153	0.0446261	0.631085	-1.58425	0.136531	0.886131	1.12802	0.00245103	1.33722	1.33722	0.105054	0.8754552	-1.14227	0.4078007	0.998393	-1.00565	5.10109	0.455646	0.0799884	1
cg04539283	WDR59	0.0158608	0.423349	1.38893	1.38893	0.000893072	7.37927	7.37927	0.00336939	0.46392	-2.15556	0.0256728	0.46392	-2.15472	0.313931	1.51955	1.51955	0.828483	1.09108	1.09108	0.5689871	1.26019	1.26019	0.083023	0.2162111	2.162111	0.279559	0.636586	-1.57088	5.08575	13.0009	2.272321	1
cg26612420	WDR59	0.0276649	0.610326	1.11804	1.11804	0.00746598	0.473411	-2.11233	0.0246507	0.559415	-1.78758	0.749369	1.07206	1.07206	0.816972	0.950918	-1.05162	0.638048	0.902249	-1.10834	0.0117807	1.79057	1.97957	0.115091	0.6893196	-1.45054	0.271962	0.780168	-1.28162	0.2805	3.13899	0.663457	1
cg14400871	WDR59	0.0278406	0.918279	0.978226	-1.02226	0.000973607	3.05241	3.05241	0.0276447	0.526607	-1.97897	0.0913955	0.828954	-1.20634	0.595237	0.893151	-1.12189	0.962674	0.900247	-1.11069	0.0811597	1.705971	1.70597	0.104497	0.6041253	1.657007	0.1657077	0.249544	1.29452	1.29452	4.19621	1.057098	0.647776	1
cg04128307	WDR59;WDR59	0.0253633	0.0933239	1.45004	1.45004	0.0255701	0.586247	-1.70577	0.0225621	0.577043	-1.73297	0.891134	1.02795	1.02795	0.0140576	1.84102	1.84102	0.289303	1.24785	1.24785	0.0944859	1.44776	1.44776	0.323923	1.22763	1.22763	0.421778	0.847725	-1.17963	4.3354	2.78254	0.570505	1
cg14021717	WDR5;WDR5	6.55E-06	0.376704	1.08735	1.08735	0.88394	0.99144	-1.00186	6.58E-06	0.996244	-2.5237	0.785638	1.02546	1.02546	0.0013449	1.26E-07	1.26E-07	0.089749	0.838125	-1.19314	0.8796668	1.01408	1.01408	0.818888	1.0214	1.0214	0.00933561	0.737584	-1.35638	45.2664	6.10961	0.119973	1
cg14581063	WDR5;WDR5	0.00505734	0.222513	1.2183	1.2183	0.03359562	0.52409	-1.90807	0.02588908	0.50235	-1.99064	0.00129647	0.295296	1.38434	0.00320046	0.150825	6.450642	0.2951111	0.753806	-1.3266	0.00129378	0.295174	-3.38731	0.197536	0.7014487	-1.42554	0.0884343	0.613074	-1.63112	7.31309	7.84721	0.953811	1
cg04372533	WDR5;WDR5	0.0192473	0.58824	0.947939	-1.05492	0.00675503	0.709316	-1.40981	0.0278312	0.775474	-1.28953	0.506441	1.06816	1.06816	0.0103398	0.729082	-1.37159	0.0106016	0.730245	-1.3694	0.149502	1.16318	1.16318	0.229126	0.8838874	-1.13138	0.919642	0.990178	-1.00992	4.76616	0.722184	0.134687	1
cg18603943	WDR5;WDR5	0.0456967	0.047944	0.73201	-1.36624	0.0490466	0.62182	-1.60858	0.0236852	0.68599	-1.45702	0.0161489	1.07773	1.07773	0.0123336	0.370921	-2.69611	0.0731944	0.418262	-2.39109	0.0630198	0.484144	-2.06476	0.513972	0.8113619	-1.23242	0.547528	0.788548	1.88951	1.88951	8.18	0.57217	2.68083	1
cg04456576	WDSB	0.000220079	0.0714753	0.64346	-1.5541	0.818154	1.05174	1.05174	0.200611	1.3446	1.3446	1.48E-05	0.119362	-7.17554	0.0015041	0.367221	-2.72316	0.000155375	0.241992	-4.13237	0.00286341	0.407084	-2.4565	0.829381	1.04841	1.04841	0.462014	1.17822	1.17822	17.9002	13.6018	0.675437	1
cg03317785	WDSB	0.0229287	0.286084	1.3358	1.3358	0.0178118	0.796313	1.37983	0.0155207	0.74923	-1.33455	0.1375027	-7.96131	0.1375027	0.0478633	0.679429	-1.47194	0.505103	0.827382	1.20863	0.0134755	0.4040909	-2.26804	0.1373205	0.7569054	-1.32108	0.1313119	1.57845	1.57845	1.78362	1.57006	1.10522	1
cg06063394	WDSB	0.044797	0.970329	0.995111	-1.00491	0.439339	1.10951	1.10951	0.30233	1.15118	1.15118	0.196247	0.835227	-1.19728	0.166184	1.21475	1.21475	0.0608292	0.756959	-1.32108	0.046089	0.739962	-1.35142	0.73948	1.04495	1.04495	0.0083834	1.55855	1.55855	3.5315	0.971008	0.244406	1
cg19133628	WDR5	0.00138191	0.550404	0.916764	-1.08969	0.0109765	1.57413	1.57413	0.00306614	1.77961	1.77961	0.68687	1.0593	1.0593	0.50435	0.341988	-2.92408	0.182097	1.22303	1.22303	0.00712349	1.888693	1.88869	0.00346012	1.75819	1.75819	0.231201	1.19547	1.19547	15.4003	4.93025	0.284514	1
cg05785598	WDR5	0.0194182	0.0114451	1.93546	1.5164	0.61589	1.15932	1.15932	0.00615035	1.82579	1.82579	0.128533	1.619	1.619	0.0289554	1.20634	1.20634	0.0002664	0.995237	0.893151	1.12189	0.962674	0.900247	-1.11069	0.0811597	1.705971	1.70597	0.104497	0.6041253	1.657007	0.1657077	0.249544	1.29452	1.29452	4.19621	1.057098	0.647776	1
cg08767741	WDR60	4.11E-06	0.137672	1.34681	1.34681	0.0530904	0.664096	-1.50581	0.0199863	0.592781	-1.68696	0.626365	0.912674	-1.09568	4.20E-06	0.137696	-7.26236	0.138208	0.742839	-1.34619	0.134079	1.34173	1.34173	8.13E-08	0.0366677	-27.272	0.382555	0.846387	-1.18349	51.0553	28.0475	0.488316	1
cg13308350	WDR60	4.17E-06	0.379153	0.914719	-1.0936	0.0415401	0.708106	-1.41204	0.0178708	0.588247	-1.70004	0.626482	0.939249	-1.06469	4.20E-06	0.137696	-7.26236	0.026098	0.607763	-1.64534	0.0038976	1.21761	1.21761	0.0014202	0.8218757	1.216357	0.0074104	-1.41445	0.232996	0.708784	24.3855	0.5405461	0.619973	1
cg12283656	WDR60	1.54E-05	2.64E-05	0.276046	-3.62258	0.095298	0.752889	-1.32827	0.0076959	0.588266	-1.69993	0.838.07	1.05013	-1.92263	0.377701	0.8692021	-1.15048	0.000102342	0.346139	-2.90158	0.0853523	0.977936	-1.02256	0.507003	0.9900992	-1.01089	0.0006647	0.148626	1.34597	36.2416	13.7676	0.337673	1
cg03105718	WDR60	1.94E-05	0.733222	1.07666	1.07666	7.70E-05	0.213079	-4.6931	0.0236847	0.55818	-1.79154	0.931503	1.01873	1.01873	5.16E-06	0.106863	-9.35773	0.0016916	0.37966	-2.63393	0.131125	1.42176	1.42176	1.82E-06	0.0769225	-13.0001	0.0731701	0.647425	-1.54458	34.1425	25.2029	0.655148	1
cg07418956	WDR60	0.000199251	0.706634	1.08557	1.08557	0.0177906	0.845267	-1.18313	0.0062397	0.58743	-1.7027	0.672	0.9604482	1.041	0.0048459	0.708222	-1.41202	0.377105	0.713348	-1.40184	0.444668	1.13697	1.13697	5.84E-05	0.0623551	-16.0372	0.0075724	0.279704	1.59387	18.3899	24.4165	0.9555	1
cg24826151	WDR60	0.000471409	0.0797247	1.41831	1.41831	0.0600399	0.683022	-1.46408	0.10659	0.728591	-1.37251	0.6693284	1.44072	1.44072	1.34E-05	0.194319	-5.14617	0.002323934	0.465808	-2.14681	0.0168566	0.592153	-1.68875	0.184734	0.7766426	-1.28762	0.0433191	0.658586	-1.51184	14.5257	7.42946	0.454641	1
cg02447227	WDR60	0.000824122	0.685781	1.10597	1.15134	0.0809397	0.712957	-1.40292	0.0055455	0.551351	-1.81652	0.0027144	0.318864	1.318864	0.0001112467	0.0194553	-5.14052	0.0731174	0.327382	-3.05397	0.0001112	0.2084	1.2084	0.0001112	0.1197297	-5.0685	0.0001112	0.0660894	0.0307078	2.04607	1.2054	32.4449	0.0	1
cg25310430	WDR60	0.00108661	0.490223	0.834619	-1.19815	0.493651	1.19639	1.19639	0.209988	1.40604	1.40604	0.262641	0.739886	-1.35156	0.530838	1.17793	1.17793	0.0325475	0.52447	-1.90669	2.51E-05	0.115481	-8.65943	0.0140321	2.18657	2.18657	0.815914	1.062	1.062	11.4922	12.1103	0.936696	1
cg01206728	WDR60	0.00352132	0.00794757	0.544957	-1.83501	0.103119	0.727577	-1.37443	0.965219	0.992252	-1.00781	0.54943	0.898958	-1.1124	0.00127887	0.432677	-2.31119	0.558915	0.89994	-1.11118	0.0005975	2.40042	2.40042	0.635909	1.08879	1.08879	0.272153	1.22595	1.22595	8.15896	4.11154	0.447937	1
cg08154591	WDR60	0.00135736	0.3090867	1.1644	1.1644	0.0708118	0.761333	1.31355	-1.9556	0.615333	1.63255	0.763368	1.31355	1.31355	0.1256027	0.7863362	-1.27158	0.0202039	1.92181	1.92181	0.0001112	0.1496113	0.2505	1.2505	0.0001112	0.1234858	1.20863	1.20863	0.0260737	0.6095683	1.49484	8.05758	2.95514	0.326046	1
cg03428036	WDR60	0.00534371	0.340098	0.583779	-1.71298	0.00260815	0.102002	-9.80368	0.163915	0.443434	-2.25513	0.594281	0.745042	-1.34221	0.00108146	0.0712433	-14.0364	0.0133061	0.186548	-5.36054	0.275169	0.537129	-1.86175	0.00100831	0.0691534	-14.4606	0.0210639	0.218937	-4.56752	7.19086	34.1321	4.21919	1
cg10157517	WDR60	0.00606525	0.226237	1.18418	1.18418	0.0465	0.727577	-1.37443	0.217245	0.849507	-1.17715	0.904671	0.785265	-1.27339	0.0004855	0.128642	-7.77824	0.0731944	0.418262	-2.39109	0.0630198	0.484144	-2.06476	0.513972	0.8113619	-1.23242	0.547528	0.788548	1.88951	1.88951	8.18	0.57217	2.68083	1
cg01113084	WDR60	0.00650154	0.915977	1.01245	1.01245	0.300944	1.13392	1.13392	0.00221333	0.604808	-1.65342	0.0344632	0.748864	-1.33536	0.0174374	0.917743	-1.08963	0.171638	1.18607	1.18607	0.0030166	0.625844	-1.59888	0.0629361	1.27803	1.27803	0.0707772	1.267112	1.267112	6.76888	1.47401	0.193567	1
cg05244737	WDR60	0.000955602	0.373614	0.736314	0.0381808	0.554075	-1.80481	0.385556	0.803627	-1.24436	0.161075	0.692208	-1.44465	0.332865	0.782318	-1.27825	?	0.153125	0.68662	-1.45641	0.0751681	1.62735	1.62735	0.685797	0.904078	-1.10512	0.4782003	0.837612	-1.19387	5.97303	5.71356	0.850275	1
cg06933908	WDR60	0.00409247	0.0419724	1.33178	1.33178	0.0390858	0.52467	-1.90647	0.0123236	0.584507	-1.71125	0.8652	1.08562	1.08562	0.0342088	0.809037	-1.23552	0.0104452	0.342088	0.8709277	-1.14825	0.2157	1.2157	0.0001112	0.7838338	1.03203	1.03203	0.8429725	1.14825	1.14825	7.20907	1.36163	0.189	1
cg05087002	WDR60	0.01276	0.914823	1.03277	1.03277	0.1189051	0.424496	-2.35574	0.124177	0.605453	-1.65166	0.389071	1.30478	1.30478	0.15284	0.630368	-1.58638	0.000477596	0.191571	-5.22001	0.485422	0.800763	-1.23819	0.974962	0.990586	-1.0095	0.0188976	0.424464	-2.35591	3.46289	7.85920	1.27882	1
cg01934216	WDR60	0.0150372	0.642483	0.891	0.891	0.0113237	0.641341	-1.55895	0.0124491	0.581109	-1.72065	0.8485	1.04869	1.04869	0.0165035	0.825729	-1.21073	0.0128533	1.619	1.619	0.0003662	0.248405	-4.02809	0.718317	0.8660007	-1.15468	0.4683611	-1.27802	0.1227855	0.7242053	1.14415	1.74313	0.0010308	0.527835	1.12104	1
cg13138836	WDR60	0.0198646	0.427503	0.890866	-1.1225	0.512887	1.09929	1.09929	0.00687885	1.64732	1.64732	0.402101	0.889165	-1.12465	0.00146937	0.597412	-1.92503	0.930085	1.0126	1.0126	0.629565	1.07179	1.07179	0.460503	1.11314	1.11314	0.912399	0.984425	-1.01582	4.71543	5.19561	0.286456	1
cg25027687	WDR60	0.0021208	0.387656	0.889681	-1.124	0.1785442	0.964881	-1.03648	0.1614411	0.815237	-1.22682	0.219827	0.277513	1.16078	0.1663761	0.616531	-1.62163	0.0200988	1.07766	1.07766	0.0161031	0.935537	-1.06898	0.2029889	1.19413	1.19413	0.0009399714	2.12677	2.12677	0.818.95	0.970955	4.08782	1.29394	0.247153	1
cg13153740	WDR60	0.0220228	0.116482	1.25021	-1.44036	0.760128	1.05642	-1.05642	0.0426644	0.810191	-1.23428	0.5145125	1.01768	1.01768	0.4613124	0.896896	-1.08963	0.000428332	0.301143	-3.32068	0.605616	1.11867	1.11867	0.204523	0.97957	-1.0241	0.5081837	0.705421	1.15098	1.15098	4.08585	0.905421	0.65257	1
cg03315527	WDR60	0.0217831	0.00697107	0.28231	-3.54221	0.0467099	0.438143	-2.28236	0.133133	0.554174	-1.80449	0.451335	0.757239	-1.32059	0.00202732	0.206568	-4.84103	0.0122429	0.322765	-3.09823	0.0411387	0.4262663	-2.34597	0.479022	0.770457	-1.29793	0.243661	0.642727	-1.55587	4.56944	9.50243	1.8485	1
cg00035398	WDR60	0.0226316	0.0955442	1.39409	1.39409	0.0622372	0.387113	-2.58305	0.0163879	0.53996	-1.85199	0.0659443	0.424942	-2.35326	0.4049417	0.708222	-1.41202	0.377105	0.713348	-1.40184	0.444668	1.13697	1.13697	5.84E-05	0.0623551	-16.0372	0.0075724	0.279704	1.59387	18.3899	24.4165	0.9555	1
cg01562995	WDR60	0.0259276	0.988613	0.99508	-1.00494	0.194947	1.60607	1.60607	0.977339	0.990232	-1.00986	0.236764	1.53481	1.53481	0.00109934	0.189523	-5.27641	0.19677	0.623976	-1.60263	0.077435	1.97064	1.97064	0.816591	1.0836	1.0836	0.424645	0.754437	-1.32549	4.30226	8.13814	1.68142	1
cg00421900	WDR60	0.0259502	0.208979	1.36488	-2.75606	0.199997	2.40561	2.40561	0.0453202	1.14001	1.14001	0.993813	0.990158	-1.01854	0.0687407	0.665584	-1.50211	0.274213	2.37375	2.37375	0.0013159	0.728735	-3.84128	0.6975502	1.0852	1.0852	0.674324	-1.46297	0.0393905	0.156462	-6.67007	3.8	8.07149	1.68142	1
cg04463719	WDR60	0.0260696	0.175962	1.48102	-1.2966	0.000928705	0.259381	-3.85533	0.30847	0.709028	-1.40997	0.0798	-1.33337	0.386772	0.784938	-1.27399	0.777665	0.08205	1.08025	1.08025	0.0156044	0.867486	-1.15276	0.0678645	0.572228	-1.74755	0.132166	0.644778	-1.55317	0.1974	0.884451	4.40517	4.08217	4.81651	1.04879	1
cg03401577	WDR60	0.0182085	0.804703	1.01982	1.01982	0.392017	1.13942	1.13942	0.561576	0.916666	-1.09091	0.835116	1.03138	1.03138	0.4134405	0.639316	-1.56417	0.004386641	0.568939	-1.75766	0.114682	1.2877	1.2877	0.162922	0.8018882	-1.24707	0.244035	0.834069	-1.19804	3.74563	1.30369	0.309383	1
cg26321613	WDR60	0.0188729	0.677701	0.89982	-1.11129	0.2441244	0.840077	-1.19033	0.0203769	0.642943	-1.55623	0.0174369	0.642943	-1.55623	0.0174369	0.642943	-1.55623	0.063114	0.622742	-1.6058	0.381726	0.839698	-1.21996	0.6371	1.1368	0.1132368	1.11368	0.201105	0.736453	1.35786	2.52452	0.7227203	1
cg04862553	WDR60	0.0414847	0.913317	1.0189	1.0189	0.410913	0.865669	-1.15518	0.0600128	0.694901	-1.43905	0.427196	1.14921	1.14921	0.00902932	0.565865	-1.76721	0.015402	0.600443	-1.66544	0.2870302	1.20885	1.20885	0.142986	1.31006	1.31006	0.518421	0.893762	-1.11887	3.63391	1.69386	0.414335	1
cg04737232	WDR60	0.0506356	0.6302006	-1.58676	0.458029	0.853277	-1.16921	0.333845	0.815523	-1.22621	0.956266	0.988696	-1.01143	0.322488	0.809077	-1.23598	0.616558	0.884402	0.972853	-1.0279	0.4149354	1.18655	1.18655	0.145809	0.9384	0.9384	0.6049094	1						1
cg19961898	WDR60	0.04956	0.202367	0.813114	-1.22984	0.864162	0.974024	-1.02667	0.7803	1.04392	1.04392	0.524004	0.905512	-1.10435	0.526103	0.905958	1.1038	0.016835	0.638707	-1.56566	0.0504159	1.74869	1.74869	0.772393	0.9564401	-1.04559	0.183452	0.804984	1.24829	1.24829	0.772204	0.332606	1
cg03038380	WDR61	0.00185144	0.832392	0.978182	-1.0223	0.1923551	1.15445	1.15445	0.557408	0.940108	-1.06371	2.14E-05	0.410481	-2.43616	0.434568	1.08653	1.08653	0.61271	1.05457	1.05457	0.4385411	0.921047	-1.08572	0.930436	1.00913	1.00913	0.143486	0.849061	-1.17777	9.86081	1.69202	0.152524	1
cg27134147	WDR61	0.0159134	0.899155	0.977	1.02333	0.5706128	0.738114	-1.35433	0.0062397	0.58743	-1.7027	0.6683	1.01077	1.01077	0.7663	0.910377	-1.09846	0.377105	1.35213	1.35213	0.4087057	1.11761	0.915951	-1.09183	0.9964683	-1.00361	0.9769189	2.01849	2.01849	0.812517	1.08854	1.51778	0.928993	1.07482	1
cg07492320	WDR62;WDR62;THAP8;THAP8	0.00123796	0.0389497	0.875803	-1.14181	0.0619719	0.12368	-1.12368	0.00151892	1.28835	1.28835	0.192924	1.07945	1.07945	0.00015124	1.4339	1.4339	0.0661006	1.12118	1.12118	0.00891582	0.831427	-1.20275	0.107171	1.10249	1.10249	0.753015	1.01767	1.01767	11.0729	0.539849	0.043337	1
cg17295341	WDR62;WDR62;THAP8;THAP8	0.00200225	0.584737	1.17031	1.17031	0.157494	0.650018	-1.53842	0.430367	1.25743	1.25743	0.127528	0.625256	-1.59934	0.264839	1.3926	1.3926	3.49E-05	0.102359	-9.76954	0.0149035	0.425998	-2.34743	0.649957	1.13906	1.13906	0.88458	0.959451	-1.04226	9.63874	12.3976	1.14331	1
cg24779751	WDR62;WDR62;WDR62;THAP8;WDR62	0.00784354	0.0351751	2.52076	2.52076	0.0824298	1.86602	2.99715	1.31394	1.31394	0.010959	2.96659	0.0637892	1.9729	1.9729	0.00754904	3.26326	3.26326	0.635399	1.16118	1.16118	0.00164988	0.197676	-5.05366	0.927734	0.972071	-1.02873	0.76028	12.8819	0.98033	1
cg14254380	WDR63	0.00691995	0.5255051	0.9	1.04	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1
cg26012941	WDR63	0.0016617	0.577651	0.932991	-1.07182	0.000948581	0.544665	-1.83599	0.145849	0.824868

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18592307	WDR76;WDR76	0.0115804	0.00881479	0.279335	-3.57994	0.212105	0.604923	-1.6531	0.944368	0.973664	-1.02705	0.0204505	0.343615	-2.91024	0.0533424	0.431974	-2.31495
cg07152379	WDR76;WDR76	0.0176501	0.234769	0.729694	-1.37044	0.0144908	0.466628	-2.14303	0.108286	0.641903	-1.55787	0.897541	1.03314	1.03314	0.00105676	0.293604	-3.40594
cg00357503	WDR76;WDR76	0.0311501	0.0344109	0.499832	-2.00067	0.0296603	0.486986	-2.05345	0.108474	0.611321	-1.6358	0.420524	0.793495	-1.26025	0.0123508	0.416626	-2.40023
cg22136124	WDR76;WDR76	0.0365473	0.0670979	0.60066	-1.66484	0.0444938	0.56376	-1.77381	0.0279317	0.524591	-1.90625	0.0114322	0.455606	-2.19488	0.143331	0.67664	-1.47789
cg08080024	WDR76;WDR76	0.0453741	0.228057	1.16656	1.16656	0.302807	0.878119	-1.1388	0.0263666	0.725658	-1.37806	0.280199	1.14647	1.14647	0.341923	0.887596	-1.12664
cg26847753	WDR76;WDR76;WDR76	0.00122564	0.0994284	1.42926	1.42926	0.00123196	0.39279	-2.54589	0.0161858	0.558914	-1.78918	0.000663069	0.356682	-2.80362	0.564337	1.12215	1.12215
cg10500716	WDR77;ATP5F1	1.82E-05	0.163841	0.796274	-1.25585	0.00234094	0.521365	-1.91804	5.92E-05	0.319946	-3.12553	0.495887	1.11184	1.11184	4.78E-05	0.309157	-3.2346
cg06441150	WDR77;ATP5F1	0.00911859	0.0932589	0.417732	-2.39388	0.000412694	0.0706218	-14.1599	0.099148	0.42542	-2.35062	0.391101	1.51505	1.51505	0.0684623	0.381231	-2.62308
cg08850274	WDR77;ATP5F1	0.014734	0.00420296	0.580112	-1.72381	0.228383	0.835637	-1.19669	0.128382	1.26293	1.26293	0.673445	1.06205	1.06205	0.731763	1.05008	1.05008
cg25847024	WDR77;ATP5F1	0.0359838	0.0035282	0.378523	-2.64185	0.390159	0.805528	-1.24142	0.73609	1.08663	1.08663	0.356718	0.792312	-1.26213	0.0815405	0.622426	-1.60662
cg20276503	WDR77;ATP5F1	0.0448472	0.0526761	0.203494	-4.91414	0.0128971	0.103908	-9.62394	?	?	?	0.0486566	0.196127	-5.09874	?	?	?
cg07151560	WDR77;ATP5F1;ATP5F1	0.00577168	0.480187	0.837942	-1.1934	0.312017	1.2939	1.2939	0.543911	1.16339	1.16339	0.592441	1.14239	1.14239	0.587061	0.873632	-1.14465
cg05610632	WDR7;WDR7	0.00137815	0.105116	0.745004	-1.34227	0.00381468	1.91266	1.91266	0.0594649	1.42424	1.42424	0.646648	1.07975	1.07975	0.0433294	0.679555	-1.47155
cg23922867	WDR7;WDR7	0.00435222	0.883464	1.01193	1.01193	0.875394	1.01277	1.01277	0.0530629	1.19455	1.19455	0.793326	1.02146	1.02146	0.233053	0.903819	-1.10642
cg18794426	WDR8	1.25E-06	3.21E-07	0.132454	-7.54982	4.19E-06	0.235493	-4.24642	6.17E-05	0.366609	-2.7277	3.61E-05	0.339115	-2.94885	8.12E-08	0.0896855	-11.1501
cg02192677	WDR8	1.21E-05	0.531029	0.933578	-1.07115	0.984272	1.00214	1.00214	2.90E-05	0.411266	-2.43152	1.25E-05	0.369077	-2.70946	2.58E-06	0.292353	-3.42052
cg17801268	WDR8	7.12E-05	0.00460515	0.654135	-1.52874	0.829485	1.02457	1.02457	8.29E-05	0.450364	-2.22043	1.40E-05	0.360467	-2.77418	0.543636	1.07164	1.07164
cg00777341	WDR8	9.93E-05	2.90E-05	0.295127	-3.38837	0.912373	1.01651	1.01651	0.167325	0.80337	-1.24476	0.255021	0.83798	-1.19335	3.46E-06	0.197029	-5.0754
cg17512922	WDR8	0.000655827	0.737376	1.04052	1.04052	0.000797914	0.550109	-1.81782	0.00686998	0.661619	-1.51144	0.000174062	0.471442	-2.12115	0.00263977	0.611963	-1.63409
cg02850795	WDR8	0.000698249	0.000130664	0.233404	-4.28441	0.0343574	0.582332	-1.71723	0.0706383	0.642386	-1.5567	0.932656	0.981655	-1.01869	0.0209974	0.544289	-1.83726
cg19633236	WDR8	0.000703574	0.0207655	0.504368	-1.98268	0.0772612	0.616941	-1.6209	0.000981932	0.299711	-3.33655	0.0223834	0.510267	-1.95976	0.00405153	0.387152	-2.58296
cg04279832	WDR8	0.000774449	0.00781327	0.548323	-1.82374	0.304997	0.829498	-1.20555	0.226582	0.799768	-1.25036	0.0231886	0.620246	-1.61226	1.82E-05	0.214724	-4.65713
cg01101400	WDR8	0.00123419	0.879953	0.963367	-1.03803	0.991449	0.997357	-1.00265	0.802416	1.06387	1.06387	0.528363	0.854065	-1.17087	0.000125025	0.191941	-5.20995
cg16262898	WDR8	0.00236474	0.780349	0.943149	-1.06028	0.337015	1.23028	1.23028	0.883515	1.03117	1.03117	0.260376	0.782088	-1.27863	0.000149142	0.255568	-3.91285
cg03853328	WDR8	0.00249505	0.464086	0.786235	-1.27188	0.00308669	0.270621	-3.6952	0.253156	0.680324	-1.46989	0.064588	0.511706	-1.95425	0.000136079	0.118714	-8.42362
cg00826902	WDR8	0.0035524	0.0341612	0.53201	-1.87966	0.0350686	0.534231	-1.87185	0.0562253	0.575771	-1.7368	0.492718	1.19468	1.19468	0.613752	1.13876	1.13876
cg26574621	WDR8	0.00440305	0.780452	1.09466	1.09466	0.105321	0.563953	-1.7732	0.872071	0.949174	-1.05355	0.516822	0.808362	-1.23707	5.26E-05	0.086687	-11.5358
cg21012455	WDR8	0.00677845	0.0146874	3.297	3.297	0.53946	1.27986	1.27986	0.0177349	0.318137	-3.1433	0.00786735	3.87427	3.87427	0.425641	1.38143	1.38143
cg11734988	WDR8	0.00757651	0.515215	0.846205	-1.18175	0.447555	0.822095	-1.21641	0.0409515	0.550452	-1.81669	0.247972	0.736635	-1.35752	0.684083	0.901648	-1.10908
cg15120141	WDR8	0.00818313	0.622529	1.12679	1.12679	0.119945	0.666395	-1.50061	0.0871178	0.634767	-1.57538	0.196934	1.38847	1.38847	0.74725	0.925156	-1.0809
cg24667304	WDR8	0.00819953	0.751554	1.04019	1.04019	0.0905693	0.793489	-1.26026	0.0184164	0.701365	-1.42579	0.141729	0.82202	-1.21652	0.998881	0.999826	-1.00017
cg20003295	WDR8	0.0104761	0.522101	1.13839	1.13839	0.00668078	2.01981	2.01981	0.947008	0.986808	-1.01337	0.727991	1.07225	1.07225	0.150786	1.36021	1.36021
cg09232289	WDR8	0.0108409	0.992649	1.0014	1.0014	0.00360399	0.550815	-1.81549	0.389924	1.14262	1.14262	0.0549135	1.39016	1.39016	0.0677641	0.733716	-1.36293
cg09429529	WDR8	0.0127033	0.233705	0.83106	-1.20328	0.0465766	0.713332	-1.40187	0.483796	0.899899	-1.11124	0.408994	0.882351	-1.13334	0.000177053	0.38982	-2.56529
cg11742922	WDR8	0.012857	0.636384	0.887406	-1.12688	0.123753	1.51915	1.51915	0.29366	0.760916	-1.31421	0.486388	1.19411	1.19411	0.000239861	0.217643	-4.59468
cg14200305	WDR8	0.0181407	0.4811	0.769447	-1.29963	0.781305	1.10722	1.10722	0.130453	1.81799	1.81799	0.407486	1.36354	1.36354	0.00265653	0.218452	-4.57767
cg19270286	WDR8	0.0202678	0.402991	1.14066	1.14066	0.425076	1.13345	1.13345	0.00169198	0.501661	-1.99338	0.0697505	1.36599	1.36599	0.771331	1.04583	1.04583
cg18390621	WDR8	0.0206991	0.95711	1.02006	1.02006	0.270198	1.52807	1.52807	0.584814	0.815657	-1.22601	0.952225	1.02237	1.02237	0.454783	0.754895	-1.32469
cg24306648	WDR8	0.0213493	0.792337	1.16435	1.16435	0.283572	1.90119	1.90119	0.493243	1.49372	1.49372	0.948884	1.03766	1.03766	0.00115314	0.063662	-15.708
cg06650698	WDR8	0.0250797	0.687422	1.16219	1.16219	0.958985	1.01929	1.01929	0.00170961	0.189364	-5.28083	0.327155	0.686676	-1.45629	0.00984021	0.297476	-3.36162
cg08945920	WDR8	0.0303835	0.0717865	0.703157	-1.42216	0.00519729	0.524048	-1.90822	0.0239422	0.623762	-1.60317	0.353319	0.845931	-1.18213	0.214195	0.795237	-1.25749
cg22614891	WDR8	0.0320045	0.0114705	5.0817	5.0817	0.0382177	0.290966	-3.43683	0.0494308	0.315874	-3.16582	0.105907	2.47864	2.47864	0.382952	0.631377	-1.58384
cg00780805	WDR8	0.0347617	0.0151768	0.737096	-1.35668	0.0137335	0.732285	-1.36559	0.491344	0.931012	-1.0741	0.0275634	0.766069	-1.30537	0.0550971	0.800587	-1.24908
cg13460118	WDR8	0.0382843	0.0876971	0.744009	-1.34407	0.107921	0.759434	-1.31677	0.0144522	0.623238	-1.60452	0.900425	0.980554	-1.01983	0.00178315	0.497775	-2.00894
cg07349054	WDR8	0.0391572	0.0300681	0.343369	-2.91232	0.0338993	0.354298	-2.82248	0.729807	0.864795	-1.15634	0.431591	0.714409	-1.39976	0.00773338	0.238493	-4.193
cg23802150	WDR8	0.0400521	0.637257	0.890762	-1.12263	0.0374028	1.80086	1.80086	0.953319	0.985843	-1.01436	0.102151	1.54602	1.54602	0.0145667	0.480546	-2.08097
cg22437723	WDR8	0.0411176	0.598859	1.11826	1.11826	0.0909424	0.675631	-1.4801	0.09053	0.675225	-1.48099	0.487178	0.861873	-1.16026	0.836206	1.04456	1.04456
cg06262497	WDR8	0.0417476	0.011916	0.117179	-8.53396	0.1183	0.313933	-3.18539	0.0318013	0.179207	-5.58014	0.942069	0.95156	-1.05091	0.0294872	0.173526	-5.76281
cg05399785	WDR8	0.0422727	0.015287	0.150107	-6.66192	0.550952	0.681001	-1.46843	0.0676421	0.271543	-3.68266	0.783607	1.1916	1.1916	0.0134327	0.14239	-7.02295
cg22822803	WDR8	0.0434534	0.15613	2.18143	2.18143	0.125717	0.426631	-2.34395	0.0271691	0.260745	-3.83517	0.198605	2.01054	2.01054	0.994839	0.996681	-1.00333
cg02276822	WDR8	0.0438276	0.0509256	0.361851	-2.76357	0.41526	0.683407	-1.46326	0.996313	0.99789	-1.00211	0.715961	0.846158	-1.18181	0.0020501	0.137257	-7.28559
cg19256575	WDR8	0.0472969	0.0215526	0.546084	-1.83122	0.0205082	0.542346	-1.84384	0.18014	0.731994	-1.36613	0.195473	0.740749	-1.34998	0.00624671	0.457889	-2.18393
cg06969979	WDR8	0.0475046	0.0313685	0.435031	-2.29869	0.0309514	0.433835	-2.30502	0.0721597	0.51604	-1.93783	0.227741	0.658769	-1.51798	0.0109364	0.348946	-2.86578
cg11256802	WDR8	0.0481913	0.085211	3.69592	3.69592	0.0288466	0.17026	-5.87337	0.0377659	0.191075	-5.23355	0.502991	1.59511	1.59511	0.321348	2.02144	2.02144
cg06692634	WDR81;C17orf91;WDR81;C17orf91;C17orf91;C17orf91	0.000934326	0.630053	1.073	1.073	0.0446696	1.39747	1.39747	0.0334212	1.43455	1.43455	0.461748	1.11491	1.11491	0.772315	0.958753	-1.04302
cg20876723	WDR81;C17orf91;WDR81;C17orf91;C17orf91;C17orf91	0.00171099	?	?	?	0.565414	1.07877	1.07877	0.00432044	0.397285	-2.51708	0.00153118	0.267937	-3.73222	?	?	?
cg08651631	WDR81;C17orf91;WDR81;C17orf91;C17orf91;C17orf91	0.00404464	?	?	?	0.100543	1.73239	1.73239	0.0766281	1.8277	1.8277	0.176578	0.646141	-1.54765	0.00030758	0.147394	-6.78455
cg25135801	WDR81;C17orf91;WDR81;C17orf91;C17orf91;C17orf91	0.00468663	0.143429	0.804403	-1.24316	0.929627	1.0123	1.0123	0.0531307	1.35553	1.35553	0.246303	1.18275	1.18275	0.822658	1.03156	1.03156
cg26102512	WDR81;C17orf91;WDR81;C17orf91;C17orf91;C17orf91	0.0438473	0.250522	0.754693	-1.32504	0.00933496	2.16593	2.16593	0.012945	2.06073	2.06073	0.173989	0.712476	-1.40356	0.644714	1.11498	1.11498
cg01484141	WDR81;WDR81	0.000329628	1.41E-05	0.377999	-2.64551	0.333081	0.898228	-1.1133	0.612256	0.946537	-1.05648	0.00335249	0.651108	-1.53584	0.000642286	0.56942	-1.75617
cg09354348	WDR81;WDR81	0.00162142	0.000376542	0.14145	-7.06965	0.0798046	0.512266	-1.95211	0.172535	1.64798	1.64798	0.0670808	0.493515	-2.02628	0.00467902	0.274236	-3.6465
cg03854564	WDR81;WDR81;WDR81	0.00439148	0.0185076	0.393494	-2.54134	0.0260275	0.422084	-2.36919	8.62E-05	0.100117	-9.98834	0.0818577	0.532816	-1.87682	0.100985	0.556279	-1.79766
cg07310282	WDR81;WDR81;WDR81;WDR81	8.87E-05	0.0845503	1.17631	1.17631	0.266634	1.10352	1.10352	0.980276	0.997898	-1.00211	0.54675	0.949417	-1.05328	0.0211413	1.26612	1.26612
cg26273005	WDR81;WDR81;WDR81;WDR81	0.000662407	0.0223197	0.481216	-2.07807	0.163682	1.48744	1.48744	0.0110349	0.426724	-2.34344	0.167744	1.48107	1.48107	4.31E-05	0.125551	-7.96486
cg27598168	WDR81;WDR81;WDR81;WDR81	0.00112347	0.469702	0.86962	-1.14993	0.000586374	0.364544	-2.74315	0.190249	1.30144	1.30144	0.818902	0.957376	-1.04452	8.21E-05	0.259747	-3.8499
cg06099465	WDR81;WDR81;WDR81;WDR81	0.00173058	0.477462	0.836791	-1.19504	0.984724	0.995288	-1.00473	0.982294	0.994541	-1.00549	0.449276	0.826789	-1.2095	3.41E-05	0.138128	-7.23964
cg07085177	WDR81;WDR81;WDR81;WDR81	0.0176619	0.545446	0.924321	-1.08187	0.0109192	0.663058	-1.50816	0.0321154	0.724084	-1.38105	0.756943	0.960859	-1.04074	0.508083	1.09019	1.09019
cg18436246	WDR81;WDR81;WDR81;WDR81	0.0328716	0.00405519	0.179547	-5.56957	0.12592	0.478553	-2.08963	0.307085	1.6009	1.6009	0.423933	1.4383	1.4383	0.0160605	0.269445	-3.71133
cg01117705	WDR81;WDR81;WDR81;WDR81	0.0389546	0.660355	0.924394	-1.08179	0.0155791	0.590187	-1.69438	0.00921835	0.555624	-1.79978	0.559591	1.11059	1.11059	0.166238	0.769162	-1.30012
cg02139951	WDR81;WDR81;WDR81;WDR81	0.0433008	0.296372	1.31874	1.31874	0.871566	0.959499	-1.04221	0.0822585	0.611454	-1.63545	0.118244	0.648297	-1.5425	0.00654292	0.405467	-2.46629
cg01736403	WDR82	0.00471734	0.167393	0.900191	-1.11087	0.0453255	1.17826	1.17826	0.269855	0.921188	-1.08555	0.0418361	0.845694	-1.18246	0.0488463	1.17436	1.17436
cg17632831	WDR82	0.00798801	0.135615	1.40186	1.40186	0.286795	1.26151	1.26151	0.833874	0.956848	-1.0451	0.668763	0.913569	-1.09461	0.518037	1.14755	1.14755
cg04104820	WDR82	0.0161498	0.497903	1.09871	1.09871	0.102428	0.783093	-1.27699	0.180678	1.21466	1.21466	0.000349984	0.455556	-2.19512	0.316407	0.867878	-1.15224
cg02603784	WDR82	0.0221518	0.535522	0.928752	-1.07671	0.00924021	1.47579	1.47579	0.187156	1.17903	1.17903	0.0500158	0.768539	-1.30117	0.00807321	0.670542	-1.49133
cg13539115	WDR82	0.0406077	0.15748	2.54033	2.54033	0.680778	1.28752	1.28752	0.0640679	3.64634	3.64634	0.354467	1.79321	1.79321	0.918354	1.06459	1.06459
cg20891622	WDR82;MIRLET7G	0.00982019	0.0127689	0.64294	-1.55535	0.198395	0.8236	-1.21418	0.0114865	0.636692	-1.57062	0.209748	0.828002	-1.20773	0.000390559	0.446146	-2.24142
cg13938785	WDR85	0.00124752	0.26153	0.804137	-1.24357	6.01E-05	0.251423	-3.97736	0.0151012	0.573557	-1.74351	0.0188704	0.588898	-1.69809	0.244013	0.796981	-1.25474
cg13499022	WDR85	0.0017277	0.0924244	0.461099	-2.16873	0.0144832	3.52304	3.52304	0.000791393	8.32752	8.32752	0.182585	1.80627	1.80627	0.463048	0.731805	-1.36649
cg12757143	WDR85	0.00183397	0.735665	0.844068	-1.18474	0.000259192	20.223	20.223	0.000439842	16.0814	16.0814	0.0113087	4.88907	4.88907	0.610431	0.773328	-1.29311
cg13889425	WDR85	0.01206	0.609413	1.11083	1.11083	0.00211914	2.4138	2.4138	0.022359	1.74771	1.74771	0.0352254	1.64923	1.64923	0.0113895	1.90811	1.90811
cg13411784	WDR85	0.0182571	0.607268	0.620536	-1.61151	0.00126979	75.7758	75.7758	0.00986145	20.1196	20.1196	0.0466167	8.14336	8.14336	0.92612	1.08911	1.08911
cg13979800	WDR85	0.0197969	0.345754	0.84271	-1.18665	0.0100171	0.563854	-1.77351	0.355175	0.84567	-1.18249	0.241336	1.24129	1.24129	0.210272	1.26197	1.26197
cg17692429	WDR86	6.93E-05	0.000549163	0.402988	-2.48147	2.90E-06	0.150567	-6.64155	0.00276173	0.496982	-2.01214	0.000169715	0.338583	-2.95349	0.0120383	0.588413	-1.69949
cg00228240	WDR86	0.00305939	0.336637	1.17648	1.17648	0.000346463	0.388962	-2.57094	0.938472	0.987415	-1.01275	0.969628	1.00627	1.00627	0.591589	0.914977	-1.09292
cg13258599	WDR86	0.00647463	0.408083	0.911723	-1.09682	0.88058	0.983715	-1.01655	0.0140112	0.717947	-1.39286	0.298111	0.888874	-1.12502	0.591476	1.06096	1.06096
cg24068372	WDR86	0.00810218	0.00227974	0.68821	-1.45305	0.920187	1.00882	1.00882	0.518647	0.94431	-1.05897	0.144385	0.8717	-1.14718	0.0595138	0.830061	-1.20473
cg03693105	WDR86	0.0106765	0.196269	1.43494	1.43494	0.142561	1.51672	1.51672	0.000874428	3.74023	3.74023	0.0145522	2.21529	2.21529	0.675668	1.11762	1.11762
cg02891728	WDR86	0.0228895	0.426035	0.84631	-1.1816	0.0198319	1.78148	1.78148	0.197092	0.755819	-1.32307	0.00531523	0.470453	-2.12561	0.368058	1.20902	1.20902
cg00551487	WDR86	0.030283	0.0483697	0.611482	-1.63537	0.00178598	0.379296	-2.63647	0.202638	0.745793	-1.34085	0.818997	1.05125	1.05125	0.0244071	0.557202	-1.79468
cg10965131	WDR86	0.0313763	0.0220626	6.99503	6.99503	0.00451094	14.6122	14.6122	0.364064	1.93645	1.93645	0.0944575	3.67834	3.67834	0.0228949	6.88047	6.88047
cg15446884	WDR86	0.039148	0.00948211	0.492679	-2.02972	0.0107021	1.99547	1.99547	0.569236	0.883477	-1.13189	0.487433	1.16409	1.16409	0.206695	0.750649	-1.33218
cg24107270	WDR86	0.0404669	0.1412	2.03129	2.03129	0.00566862	5.0805	5.0805	0.0350361	3.00404	3.00404	0.39179	1.48133	1.48133	0.055558	2.64236	2.64236
cg22052566	WDR86	0.0409805	0.114968	2.2811	2.2811	0.0065389	5.47346	5.47346	0.0543977	2.85816	2.85816	0.546369	1.3414	1.3414	0.0411541	3.10663	3.10663
cg12433277	WDR86;WDR86	0.00758164	0.491487	0.915969	-1.09174	0.0375914	1.35394	1.35394	0.000392435	2.03311	2.03311	0.217656	1.17693	1.17693	0.859816	0.978039	-1.02245
cg15649011	WDR87	0.00039793	0.0233087	0.475494	-2.10307	0.00438052	0.352206	-2.83925	0.000277683	0.195657	-5.11098	0.172623	0.671634	-1.48891	0.000599448	0.234099	-4.2717
cg03212228	WDR87	0.00367375	0.562024	0.848073	-1.17914	0.148336	0.64674	-1.54622	0.10151	0.604142	-1.65524	0.258762	0.718067	-1.39263	4.56E-05	0.114579	-8.72763
cg14958141	WDR87	0.013736	0.0539928	0.367506	-2.72104	0.43185	1.44357	1.44357	0.00766357	0.208366	-4.79925	0.0830386	0.415497	-2.40676	0.0016107	0.126227	-7.92226
cg22745437	WDR87;SIPA1L3	0.016473	0.639414	1.15832	1.15832	0.314327	1.38276	1.38276	0.689414	1.13329	1.13329	0.605577	0.850234	-1.17615	0.319699	0.725955	-1.3775
cg00782925	WDR87;SIPA1L3	0.0194804	0.00353151	0.202714	-4.93306	0.132894	0.519816	-1.92376	0.925648	0.963035	-1.03838	0.452158	1.36218	1.36218	0.00236952	0.180772	-5.53183
cg23081925	WDR87;SIPA1L3	0.0228532	0.306289	0.779787	-1.2824	0.116825	1.49199	1.49199	0.149402	1.43765	1.43765	0.733659	1.08351	1.08351	0.0832596	0.637441	-1.56877
cg20253652	WDR87;SIPA1L3	0.046741	0.575173	0.887024	-1.12736	0.955445	0.988241	-1.0119	0.428874	1.18647	1.18647	0.975453	1.00654	1.00654	0.956668	1.01157	1.01157
cg19468962	WDR88	6.04E-05	0.00389481	2.2909	2.2909	4.44E-05	5.20786	5.20786	0.746125	0.933063	-1.07174	0.113345	1.4441	1.4441	0.0219129	1.79761	1.79761
cg07827796	WDR88	0.00217626	0.0441416	1.74291	1.74291	5.85E-05	5.97911	5.97911	0.456247	1.19997	1.19997	0.0166132	2.01926	2.01926	0.0360347	1.79653	1.79653
cg26687173	WDR88	0.0149703	0.00957439	4.30466	4.30466	0.131555	2.06335	2.06335	0.0605476	2.56403	2.56403	0.0825449	2.35276	2.35276	0.0279066	3.1771	3.1771
cg26907221	WDR88	0.0160808	0.322381	0.700422	-1.42771	0.0203859	2.64766	2.64766	0.594877	0.82948	-1.20557	0.693949	1.1477	1.1477	0.00087894	0.176002	-5.68174
cg16020118	WDR88	0.0193556	0.0225462	0.360819	-2.77147	0.00396187	0.235532	-4.2457	0.0667763	0.464441	-2.15313	0.0890047	0.49663	-2.01357	0.278313	0.656615	-1.52296
cg00799658	WDR88	0.0236003	0.474445	1.21635	1.21635	0.570171	0.856844	-1.16707	0.0205751	2.1192	2.1192	0.00560817	0.37564	-2.66212	0.0459877	0.54023	-1.85106
cg05662240	WDR88	0.0303554	0.0204658	0.233063	-4.29069	0.0230202	0.242247	-4.12802	0.0271392	0.25565	-3.9116	0.229787	0.518342	-1.92923	0.0056693	0.150673	-6.63689
cg19369438	WDR88	0.0376181	0.560808	1.07587	1.07587	0.0284968	1.37905	1.37905	0.0446677	0.750807	-1.3319	0.0761507	1.27808	1.27808	0.0409795	1.34079	1.34079
cg06679563	WDR88	0.0435178	0.197101	0.769231	-1.3	0.00349101	0.466492	-2.14366	0.0310005	0.614327	-1.6278	0.594638	1.10886	1.10886	0.8201	0.95712	-1.0448
cg18867912	WDR88;WDR88	0.000387453	0.00344452	3.52423	3.52423	4.23E-05	11.8164	11.8164	0.253424	1.45968	1.45968	0.00111677	4.58248	4.58248	0.00231406	3.85579	3.85579
cg23889414	WDR89;WDR89	0.000247413	0.409572	0.920094	-1.08685	0.709796	1.0376	1.0376	0.911947	1.01098	1.01098	5.10E-06	0.359046	-2.78516	0.2093	1.1396	1.1396
cg24690810	WDR89;WDR89	0.000444896	0.148583	1.11313	1.11313	0.681576	1.02895	1.02895	1.95E-05	1.82046	1.82046	0.00318294	1.32133	1.32133	0.000322777	1.4954	1.4954
cg12795255	WDR89;WDR89	0.00331943	0.027625	0.706985	-1.41446	0.0447836	1.35892	1.35892	0.847262	0.974653	-1.02601	0.00274864	0.576848	-1.73356	0.0269177	0.705459	-1.41752
cg14411221	WDR89;WDR89	0.0053706	0.403593	0.843944	-1.18491	0.00144738	0.401028	-2.49359	0.00305066	0.44682	-2.23804	0.154098	0.738685	-1.35376	0.663255	1.09087	1.09087
cg26101466	WDR89;WDR89	0.00544664	0.895922	1.02889	1.02889	0.532788	1.14739	1.14739	0.87069	1.03609	1.03609	0.835933	0.955873	-1.04616	0.880179	0.967706	-1.03337
cg24014141	WDR89;WDR89	0.010263	0.0675107	0.76999	-1.29872	0.443093	1.10493	1.10493	0.680793	0.948587	-1.0542	0.203466	0.842585	-1.18682	0.0017955	0.567357	-1.76256
cg03046018	WDR89;WDR89	0.0123712	0.082215	1.23881	1.23881	0.00753722	1.46583	1.46583	0.0186113	1.37343	1.37343	0.0526998	1.27757	1.27757	0.00107109	1.71177	1.71177
cg14186618	WDR89;WDR89	0.0135094	0.990654	1.00122	1.00122	0.619666	0.949403	-1.05329	0.530544	0.936195	-1.06815	0.0266194	0.761343	-1.31347	0.0826071	0.819141	-1.22079
cg22982273	WDR89;WDR89	0.0177568	0.0484837	0.854868	-1.16977	0.22493	1.09272	1.09272	0.411627	1.06014	1.06014	0.374482	1.06547	1.06547	0.0129717	0.806949	-1.23924
cg09236299	WDR89;WDR89	0.023631	0.0326169	0.705423	-1.41759	0.0211021	0.679066	-1.47261	0.0285769	1.43401	1.43401	0.0212158	0.679387	-1.47191	0.283267	1.16833	1.16833
cg10006408	WDR89;WDR89	0.0249322	0.126427	2.67886	2.67886	?	?	?	0.253394	2.00168	2.00168	?	?	?	?	?	?
cg01530317	WDR8;WDR8	0.0429675	0.703915	1.06822	1.06822	0.794864	0.955964	-1.04606	0.847981	0.967374	-1.03373	0.908574	0.98034	-1.02005	0.946582	0.988486	-1.01165
cg09781414	WDR90	6.18E-07	4.44E-08	0.121626	-8.22193	5.64E-05	0.439524	-2.27519	1.86E-05	0.383646	-2.60657	0.642881	1.05264	1.05264	2.54E-07	0.185402	-5.39369
cg06139682	WDR90	5.80E-05	0.00257661	0.598912	-1.66969	0.173955	0.837399	-1.19417	0.201059	0.847333	-1.18017	0.668591	1.05425	1.05425	1.18E-06	0.21382	-4.67682
cg04147158	WDR90	0.000358383	0.747955	0.94872	-1.05405	0.316558	1.18419	1.18419	0.094264	1.35034	1.35034	0.739835	0.947041	-1.05592	0.348931	1.17051	1.17051
cg01535567	WDR90	0.000534673	0.0105807	0.717251	-1.39421	0.006017	0.690078	-1.44911	0.101337	0.830757	-1.20372	7.57E-05	2.10005	2.10005	0.00945752	0.711839	-1.40481
cg08982878	WDR90	0.00148035	0.00237434	0.427094	-2.3414	0.00164183	0.404493	-2.47223	0.0680684	0.663495	-1.50717	0.0674241	0.662706	-1.50896	0.000134116	0.264888	-3.77518
cg27524531	WDR90	0.00163991	0.908381	1.02052	1.02052	0.00216218	0.467792	-2.1377	0.759231	0.947198	-1.05575	0.039897	0.657611	-1.52066	0.814062	0.959278	-1.04245
cg05904283	WDR90	0.00237858	0.619299	1.11897	1.11897	0.00879841	0.47298	-2.11426	0.000143811	0.229902	-4.34968	0.588382	0.884595	-1.13046	0.000369136	0.278181	-3.59478
cg00802000	WDR90	0.00302337	0.136477	0.664578	-1.50471	0.472259	0.830093	-1.20468	0.285458	0.753853	-1.32652	0.229892	1.3783	1.3783	0.000149906	0.190445	-5.25087
cg09310612	WDR90	0.0031044	0.00124025	0.408244	-2.44951	0.0833576	0.69502	-1.43881	0.00015308	0.291666	-3.42858	0.977035	1.00548	1.00548	0.998324	1.0004	1.0004
cg09136821	WDR90	0.00396939	0.0120738	0.732403	-1.36537	0.00160029	0.637311	-1.56909	0.00174409	0.641387	-1.55912	0.366438	1.09672	1.09672	0.0243595	0.765682	-1.30603
cg05335115	WDR90	0.00497619	0.429085	0.777199	-1.28667	0.075001	1.85732	1.85732	0.923813	0.970574	-1.03032	0.685526	0.880632	-1.13555	7.94E-05	0.107908	-9.26717
cg04343385	WDR90	0.00564963	0.306115	0.765343	-1.3066	0.0784095	1.63793	1.63793	0.238542	0.732299	-1.36556	0.608139	1.13943	1.13943	0.000112152	0.180247	-5.54795
cg09876101	WDR90	0.00649795	0.00701917	0.296564	-3.37195	0.140443	0.597885	-1.67256	0.400406	0.760244	-1.31537	0.00358618	0.24613	-4.0629	0.40402	1.31244	1.31244
cg00547727	WDR90	0.0066953	0.0100218	0.277995	-3.59719	0.12659	1.91704	1.91704	0.0057704	0.24063	-4.15576	0.0585017	2.32046	2.32046	0.00105354	0.148342	-6.74118

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18592307	0.266315	0.642147	-1.55728	0.000767178	0.142469	-7.01907	0.0066799	0.260354	-3.84092	0.185534	0.584571	-1.71066	5.63814	13.0597	2.05895	1
cg07152379	0.0248021	0.508609	-1.96615	0.0141969	0.46508	-2.15017	0.513733	0.845715	-1.18243	0.0989893	0.632752	-1.5804	4.90739	4.97628	0.901368	1
cg00357503	0.00452633	0.345333	-2.89575	0.551935	1.1843	1.1843	0.569785	1.17522	1.17522	0.341685	0.759283	-1.31703	4.03247	5.04552	1.1122	1
cg22136124	0.257377	0.745589	-1.34122	0.0139316	0.470268	-2.12645	0.194157	1.40661	1.40661	0.246319	0.739981	-1.35139	3.80689	3.71946	0.868474	1
cg08080024	0.164141	1.19814	1.19814	0.00847351	1.50568	1.50568	0.256298	0.865641	-1.15521	0.870482	0.980327	-1.02007	3.51461	0.825336	0.208738	1
cg26847753	0.000203694	0.291849	-3.42643	0.226559	0.777941	-1.28545	0.681229	1.08512	1.08512	0.674394	0.919831	-1.08716	11.1045	6.87867	0.550619	1
cg10500716	0.0504903	0.710506	-1.40745	2.79E-06	0.178624	-5.59834	0.544432	1.09863	1.09863	6.53E-06	0.21457	-4.66049	34.704	12.9223	0.330984	1
cg06441150	0.16104	0.492742	-2.02946	0.00649341	0.187752	-5.32619	0.0184668	0.258942	-3.86187	0.447321	0.693385	-1.4422	6.08702	21.5492	3.14684	1
cg08850274	0.0234463	0.680789	-1.46888	0.00389294	0.575752	-1.73686	0.0381753	0.710878	-1.40671	0.280666	0.852767	-1.17265	5.21141	1.66502	0.283995	1
cg25847024	0.0501669	0.577871	-1.73049	0.00790955	0.433192	-2.30845	0.59407	1.14123	1.14123	0.825654	0.947261	-1.05568	3.82846	3.65718	0.84912	1
cg20276503	?	?	?	0.442291	0.573148	-1.74475	?	?	?	0.433827	1.76381	1.76381	4.16147	17.9867	6.05107	1
cg07151560	0.372651	1.25293	1.25293	0.0164646	0.485771	-2.05858	0.000148869	0.200743	-4.98149	0.277616	1.32069	1.32069	7.02266	6.75045	0.854434	1
cg05610632	0.00689881	0.559138	-1.78847	0.000371618	0.388	-2.57732	0.0154714	1.6385	1.6385	0.57882	1.0977	1.0977	10.7379	4.69936	0.389016	1
cg23922867	0.0551204	0.838734	-1.19227	0.000211061	0.605927	-1.65036	0.0733343	1.17526	1.17526	0.0494452	1.1988	1.1988	7.65481	0.792948	0.0920784	1
cg18794426	0.00254098	0.566148	-1.76632	0.0170658	0.673705	-1.48433	0.00458981	0.599001	-1.66945	0.000336039	0.455962	-2.19316	69.2367	20.2291	0.259709	1
cg02192677	0.000657972	0.5682	-1.75994	0.0435724	0.777759	-1.28575	0.0348791	0.766191	-1.30516	4.24E-06	0.316178	-3.16277	38.6464	7.18056	0.165157	1
cg17801268	0.120512	0.827337	-1.2087	0.000236665	0.50378	-1.985	0.00040383	0.530966	-1.88336	6.41E-05	0.437288	-2.28682	24.2396	4.86357	0.178352	1
cg00777341	0.788182	1.04087	1.04087	0.308861	1.16959	1.16959	0.0625756	0.732194	-1.36576	0.0146647	0.639598	-1.56348	22.1813	7.77206	0.311456	1
cg17512922	0.120291	1.22003	1.22003	0.204383	0.853798	-1.17124	0.00577787	1.53234	1.53234	0.560082	0.932823	-1.07201	13.2505	2.92286	0.196075	1
cg02850795	0.00155099	0.369007	-2.70998	0.000170581	0.246609	-4.055	0.000587701	0.312392	-3.20111	0.0181542	0.533425	-1.87468	13.0201	9.89628	0.675625	1
cg19633236	0.000286606	0.233191	-4.28834	4.66E-05	0.151168	-6.61515	0.153691	0.686894	-1.45583	0.00777203	0.431527	-2.31735	12.9924	12.4406	0.851137	1
cg04279832	0.000871424	0.415241	-2.40824	0.0198137	0.609517	-1.64064	0.592553	0.909316	-1.09973	0.00831738	0.552328	-1.81052	12.647	6.20335	0.435999	1
cg01101400	0.227677	0.731455	-1.36714	0.257595	1.33877	1.33877	0.000108388	0.185502	-5.39079	0.706166	1.09804	1.09804	11.0825	10.7038	0.858514	1
cg16262898	0.000575611	0.327738	-3.05122	0.0237426	0.56828	-1.7597	0.783405	1.05939	1.05939	0.629777	1.10704	1.10704	9.18092	6.37384	0.617109	1
cg03853328	0.00221251	0.250546	-3.99128	0.00265537	0.261422	-3.82524	0.129574	0.58947	-1.69644	0.0902863	0.547466	-1.8266	9.03731	14.9088	1.4664	1
cg00826902	0.0363452	0.537275	-1.86124	0.00027578	0.218617	-4.57421	0.546748	0.855808	-1.16849	0.000928646	0.282996	-3.53362	8.13753	8.40132	0.917704	1
cg26574621	0.556555	0.824907	-1.21226	0.324167	0.719226	-1.39038	0.67583	0.872735	-1.14582	0.194547	1.55923	1.55923	7.62793	12.6573	1.47496	1
cg21012455	0.102049	0.491264	-2.03556	0.0129799	0.293895	-3.40258	0.0471476	2.46506	2.46506	0.0722453	2.21848	2.21848	6.68172	16.6941	2.22087	1
cg11734988	0.000290603	0.224159	-4.46113	0.00137105	0.308754	-3.23882	0.142608	0.671101	-1.49009	0.272632	0.74904	-1.33504	6.45345	6.54616	0.901659	1
cg15120141	0.176349	0.707634	-1.41316	0.000871088	0.300708	-3.32549	0.116529	1.50727	1.50727	0.00343659	0.38438	-2.60159	6.29909	5.77458	0.814873	1
cg24667304	0.705151	0.953939	-1.04829	0.00139077	1.77661	1.77661	0.0767097	0.783314	-1.27663	0.00929225	0.664058	-1.50589	6.29512	1.53421	0.216634	1
cg20003295	0.831089	1.0436	1.0436	0.000254298	3.33385	3.33385	0.0572271	1.53693	1.53693	0.682771	1.08556	1.08556	5.8232	3.68121	0.561923	1
cg09232289	0.0580991	1.38281	1.38281	0.0206171	1.5249	1.5249	0.161141	0.797336	-1.25418	0.0631037	1.3721	1.3721	5.75948	2.08892	0.322394	1
cg09429529	0.0916427	0.759352	-1.31691	0.706096	0.945395	-1.05776	0.819433	1.03447	1.03447	0.785325	0.960339	-1.0413	5.47121	1.90366	0.309282	1
cg11742922	0.810395	1.06214	1.06214	0.409961	0.80948	-1.23536	0.956541	1.01376	1.01376	0.189111	0.705424	-1.41759	5.4498	5.4306	0.885758	1
cg14200305	0.00406135	0.243713	-4.10318	0.921109	0.964396	-1.03692	0.728567	1.13598	1.13598	0.203729	1.63384	1.63384	4.86238	10.314	1.88549	1
cg19270286	0.411101	0.878753	-1.13798	0.0144217	1.58995	1.58995	0.67085	0.936375	-1.06795	0.915396	0.983791	-1.01648	4.68334	1.75407	0.332919	1
cg18390621	0.000410701	0.125952	-7.93955	0.680005	1.16552	1.16552	0.881494	1.05664	1.05664	0.0628896	0.461715	-2.16584	4.64987	10.0444	1.92012	1
cg24306648	0.3749	0.591432	-1.69081	0.00893654	0.146907	-6.80701	0.437574	1.5788	1.5788	0.544965	0.702365	-1.42376	4.60102	24.234	4.68186	1
cg06650698	0.014144	0.324603	-3.08069	0.248795	0.638926	-1.56513	0.453114	0.752761	-1.32844	0.173029	0.583447	-1.71395	4.35241	9.51874	1.94401	1
cg08945920	0.322305	1.19617	1.19617	0.102055	1.36823	1.36823	0.0687745	0.699874	-1.42883	0.162817	0.770268	-1.29825	4.06842	1.97778	0.432115	1
cg22614891	0.651655	0.791689	-1.26312	0.321221	0.590526	-1.69341	0.454893	1.47878	1.47878	0.0773694	2.74322	2.74322	3.99368	16.7088	3.71894	1
cg00780805	0.192154	0.868327	-1.15164	0.0106277	0.719979	-1.38893	0.632866	1.05045	1.05045	0.832499	1.0219	1.0219	3.8767	0.642149	0.147238	1
cg13460118	0.92938	1.014	1.014	0.873729	1.02526	1.02526	0.715901	0.944274	-1.05901	0.97223	0.994554	-1.00548	3.74291	1.45886	0.346458	1
cg07349054	0.0448588	0.381117	-2.62387	0.00752708	0.236707	-4.22464	0.398887	0.696384	-1.43599	0.0978191	0.467221	-2.14032	3.7121	10.32	2.47119	1
cg23802150	0.0424636	0.56606	-1.7666	0.765283	0.929675	-1.07564	0.175384	1.42044	1.42044	0.171692	1.42529	1.42529	3.68137	3.4584	0.835052	1
cg22437723	0.131448	0.709712	-1.40902	0.00564855	2.14841	2.14841	0.710048	1.08181	1.08181	0.056426	0.634559	-1.5759	3.64587	2.56028	0.624214	1
cg06262497	0.0617367	0.23752	-4.21017	0.00876781	0.102205	-9.78427	0.650942	0.732577	-1.36504	0.0763433	0.259994	-3.84625	3.62542	26.8009	6.57112	1
cg05399785	0.523668	0.662629	-1.50914	0.0129236	0.140154	-7.13503	0.671832	0.762355	-1.31173	0.0223769	0.175068	-5.71206	3.60865	23.1752	5.70856	1
cg22822803	0.211008	0.507885	-1.96895	0.818118	0.888322	-1.12572	0.0344814	3.55281	3.55281	0.0380408	3.44291	3.44291	3.57188	14.9509	3.72065	1
cg02276822	0.0135199	0.247243	-4.04461	0.350837	0.644705	-1.5511	0.826245	1.10573	1.10573	0.456145	0.706838	-1.41475	3.56048	11.784	2.94194	1
cg19256575	0.0584529	0.625863	-1.59779	0.431065	0.838497	-1.19261	0.620709	0.896432	-1.11553	0.0279771	0.566041	-1.76666	3.46019	2.63274	0.676324	1
cg06969979	0.0225082	0.406217	-2.46174	0.0648	0.504764	-1.98112	0.718062	0.887345	-1.12696	0.0330408	0.4397	-2.27428	3.45448	5.94523	1.5298	1
cg11256802	0.118601	0.312298	-3.20207	0.388321	1.83557	1.83557	0.49347	1.61241	1.61241	0.061226	4.25848	4.25848	3.4358	25.6777	6.64317	1
cg06692634	0.36074	1.14616	1.14616	2.10E-05	0.287977	-3.4725	0.140191	1.25912	1.25912	0.177622	1.23122	1.23122	11.9951	4.00454	0.296753	1
cg20876723	?	?	?	0.0038314	0.382033	-2.61757	?	?	?	0.00123543	4.12255	4.12255	93.7871	10.8226	0.0692373	1
cg08651631	0.0273295	0.445905	-2.24263	?	?	?	0.423866	1.27989	1.27989	0.667647	0.877912	-1.13907	9.54242	10.4366	1.0937	1
cg25135801	0.114243	1.2685	1.2685	0.000131169	0.398946	-2.50661	0.802055	0.965824	-1.03539	0.282126	1.16734	1.16734	7.48476	2.27179	0.269797	1
cg26102512	0.524397	0.859665	-1.16324	0.381044	1.23442	1.23442	0.230627	0.744703	-1.34282	0.298557	1.28732	1.28732	3.55988	3.09765	0.773471	1
cg01484141	0.0225224	0.745475	-1.34143	0.0209915	0.741929	-1.34784	0.000985989	0.590703	-1.6929	0.000845723	0.583092	-1.715	16.031	2.93397	0.162683	1
cg09354348	0.0019668	0.221964	-4.50524	0.000895758	0.180693	-5.53424	0.00475894	0.275334	-3.63196	0.0510761	0.465565	-2.14793	10.247	19.2142	1.66676	1
cg03854564	0.0392072	0.458814	-2.17953	0.103243	0.558823	-1.78948	0.576791	1.20213	1.20213	0.595633	0.839552	-1.19111	7.63402	12.8906	1.50095	1
cg07310282	0.013541	0.770984	-1.29704	1.61E-06	0.357842	-2.79453	0.0412891	1.22183	1.22183	0.15618	1.13782	1.13782	22.8624	2.62302	0.101983	1
cg26273005	0.00098508	0.270256	-3.7002	0.00252862	0.326338	-3.06431	0.828611	0.943731	-1.05962	0.129942	0.645988	-1.54802	13.2136	14.9334	1.00458	1
cg27598168	0.00355876	0.472287	-2.11736	0.634267	1.0953	1.0953	0.277205	1.23942	1.23942	0.148325	0.744906	-1.34245	11.3837	6.50402	0.507864	1
cg06099465	0.714142	1.095	1.095	0.00137146	0.318066	-3.144	0.80105	1.06427	1.06427	0.281293	0.758631	-1.31816	10.0557	9.69188	0.856725	1
cg07085177	0.695398	1.05191	1.05191	0.00287743	1.69427	1.69427	0.350478	0.883738	-1.13156	0.113073	0.80108	-1.24831	4.90629	1.28528	0.232858	1
cg18436246	0.731574	0.857916	-1.16562	0.116257	2.13755	2.13755	0.76546	1.14242	1.14242	0.40138	0.682318	-1.46559	3.95559	12.4088	2.78848	1
cg01117705	0.815403	0.959275	-1.04245	0.0478263	1.49522	1.49522	0.247528	1.2398	1.2398	0.733914	1.06254	1.06254	3.71917	1.86182	0.444979	1
cg02139951	0.832444	0.947302	-1.05563	0.0221103	0.495993	-2.01616	0.130565	1.51773	1.51773	0.865903	0.957732	-1.04413	3.57656	3.69866	0.919234	1
cg01736403	0.0622506	0.860742	-1.16179	0.526908	0.955228	-1.04687	0.156813	0.897451	-1.11427	0.000457924	1.48328	1.48328	7.4699	0.603915	0.0718635	1
cg17632831	0.287488	1.26106	1.26106	0.000216807	0.273638	-3.65446	0.226592	0.765941	-1.30558	0.106264	1.44842	1.44842	6.34714	4.43427	0.620999	1
cg04104820	0.621396	0.934161	-1.07048	0.527405	0.916126	-1.09155	0.545191	0.919646	-1.08738	0.420283	1.11924	1.11924	5.05529	1.49855	0.263494	1
cg02603784	0.22303	0.859997	-1.1628	0.131568	1.21138	1.21138	0.80378	1.02976	1.02976	0.506582	1.08262	1.08262	4.5432	0.998475	0.195354	1
cg13539115	0.11843	2.85189	2.85189	0.00322637	0.0756916	-13.2115	0.782139	0.844278	-1.18444	0.321953	0.533829	-1.87326	3.99839	23.0979	4.49307	1
cg20891622	0.0268479	0.687705	-1.45411	0.785018	1.03981	1.03981	0.11688	0.784096	-1.27535	0.0774394	0.755593	-1.32346	5.945	1.91945	0.286994	1
cg13938785	0.0344992	0.631889	-1.58256	0.000402558	0.350775	-2.85083	0.748521	1.06171	1.06171	0.00889842	0.538104	-1.85838	11.0485	6.06506	0.487952	1
cg13499022	0.120672	2.02096	2.02096	0.00015223	15.1159	15.1159	0.0150849	3.48488	3.48488	0.0622297	2.40477	2.40477	10.0606	27.8415	2.4599	1
cg12757143	0.0119189	4.80651	4.80651	0.0114262	4.8727	4.8727	0.612198	1.29144	1.29144	0.015335	4.43234	4.43234	9.888	39.1974	3.52368	1
cg13889425	0.121292	1.4087	1.4087	0.00231919	2.38173	2.38173	0.855932	1.03777	1.03777	0.0637637	1.52973	1.52973	5.56448	3.66692	0.585765	1
cg13411784	0.182697	3.67486	3.67486	0.037607	9.20744	9.20744	0.300222	2.68607	2.68607	0.0334905	9.83969	9.83969	4.85192	65.0976	11.9261	1
cg13979800	0.255149	0.811088	-1.23291	0.0660585	1.43821	1.43821	0.218472	1.25624	1.25624	0.00531129	1.91058	1.91058	4.7209	2.32231	0.437264	1
cg17692429	0.06786	0.707268	-1.41389	0.019098	0.618564	-1.61665	4.55E-05	0.271039	-3.68951	0.0136091	0.596342	-1.67689	24.4126	11.088	0.403724	1
cg00228240	0.00180677	0.482896	-2.07084	0.0125176	1.66468	1.66468	0.321344	1.18304	1.18304	0.113472	0.753851	-1.32652	8.50846	3.62697	0.378914	1
cg13258599	0.0969513	0.819564	-1.22016	0.000254433	1.93135	1.93135	0.475777	1.08242	1.08242	0.880277	1.0166	1.0166	6.77759	1.28047	0.167935	1
cg24068372	0.0485357	1.21817	1.21817	0.00112248	0.657012	-1.52204	0.0681864	0.836237	-1.19583	0.832856	0.981663	-1.01868	6.31885	0.767486	0.107964	1
cg03693105	0.924133	1.02549	1.02549	0.180936	1.45558	1.45558	0.00165045	3.28842	3.28842	0.0670399	1.72032	1.72032	5.78785	6.40237	0.983265	1
cg02891728	0.0173799	0.551775	-1.81233	0.399677	1.19363	1.19363	0.791925	0.947166	-1.05578	0.171837	0.741852	-1.34798	4.49231	2.99874	0.593358	1
cg00551487	0.0517373	0.61708	-1.62054	0.454252	1.18084	1.18084	0.291042	0.787477	-1.26988	0.177822	0.731798	-1.3665	4.07322	3.06754	0.669421	1
cg10965131	0.246236	2.36122	2.36122	0.0160853	8.06089	8.06089	0.0410141	5.31619	5.31619	0.0389986	5.43546	5.43546	4.02208	31.9779	7.0672	1
cg15446884	0.2418	0.768083	-1.30194	0.375433	0.822085	-1.21642	0.152985	1.39042	1.39042	0.843327	1.04354	1.04354	3.71242	2.72713	0.652975	1
cg24107270	0.0943621	2.27862	2.27862	0.0438602	2.82193	2.82193	0.00919219	4.3982	4.3982	0.104216	2.21556	2.21556	3.66741	11.6501	2.8237	1
cg22052566	0.0658743	2.6991	2.6991	0.0492026	2.94517	2.94517	0.00821654	5.08757	5.08757	0.160537	2.057	2.057	3.65038	13.3833	3.25892	1
cg12433277	0.0226412	0.709765	-1.40892	0.366771	1.12352	1.12352	0.638104	1.06132	1.06132	0.0392461	1.34939	1.34939	6.45208	1.61242	0.222139	1
cg15649011	0.0081019	0.394646	-2.53392	0.00319082	0.331495	-3.01664	0.000243271	0.189444	-5.27859	7.03E-05	0.136807	-7.30956	15.222	18.1298	1.0587	1
cg03212228	0.0269853	0.478953	-2.08789	0.0257638	0.475063	-2.10498	0.922211	0.972919	-1.02783	0.186514	0.674612	-1.48233	8.056	10.0804	1.11226	1
cg14958141	0.38964	0.668019	-1.49696	0.00662941	0.199353	-5.01622	0.845691	1.09327	1.09327	0.235314	0.56597	-1.76688	5.33312	17.6896	2.94838	1
cg22745437	0.967016	1.01296	1.01296	0.000239966	0.150572	-6.64135	0.676137	0.877351	-1.13979	0.304066	0.717832	-1.39308	5.02203	7.71554	1.36564	1
cg00782925	0.31399	1.52227	1.52227	0.101263	0.484762	-2.06287	0.684475	0.848011	-1.17923	0.65264	1.20061	1.20061	4.74678	12.2417	2.2924	1
cg23081925	0.0932786	0.648207	-1.54272	0.00132142	0.333848	-2.99537	0.197641	0.7263	-1.37684	0.594061	0.881328	-1.13465	4.49477	3.92574	0.776358	1
cg20253652	0.68893	0.918335	-1.08893	0.00125466	0.368826	-2.71131	0.0984005	1.46776	1.46776	0.659432	1.09844	1.09844	3.47564	2.46736	0.631024	1
cg19468962	0.14544	1.39571	1.39571	1.63E-06	13.0897	13.0897	0.000424385	3.28897	3.28897	0.0451154	1.63281	1.63281	25.3261	18.2456	0.640378	1
cg07827796	0.37435	1.24492	1.24492	0.00189628	2.87899	2.87899	0.0350433	1.80404	1.80404	0.0150474	2.05014	2.05014	9.40709	8.59937	0.812566	1
cg26687173	0.0772871	2.39626	2.39626	0.000720523	9.8706	9.8706	0.0272562	3.19803	3.19803	0.0708998	2.45435	2.45435	5.1841	16.255	2.78715	1
cg26907221	0.256054	0.66168	-1.51131	0.405362	1.3452	1.3452	0.587346	1.2103	1.2103	0.0987768	0.532319	-1.87857	5.0625	9.72828	1.70812	1
cg16020118	0.077599	0.480965	-2.07915	0.00625377	0.264591	-3.77942	0.657818	0.846759	-1.18097	0.005815	0.259795	-3.84919	4.75712	10.4909	1.96028	1
cg00799658	0.175091	0.678217	-1.47445	0.0553308	0.557196	-1.7947	0.917238	1.02838	1.02838	0.246416	1.38591	1.38591	4.44515	5.10353	1.02054	1
cg05662240	0.0412983	0.293023	-3.4127	0.0120451	0.195351	-5.11899	0.134776	0.431347	-2.31832	0.197719	0.49163	-2.03405	4.06976	17.5295	3.82868	1
cg19369438	0.90397	1.01512	1.01512	0.010595	1.49134	1.49134	0.608246	0.93774	-1.06639	0.777014	1.03593	1.03593	3.76702	0.922337	0.21764	1
cg06679563	0.331732	0.824749	-1.21249	0.141658	1.35534	1.35534	0.159501	0.748835	-1.33541	0.121968	0.724312	-1.38062	3.56991	2.09305	0.521158	1
cg18867912	0.153315	1.62394	1.62394	9.85E-05	8.9633	8.9633	0.00214343	3.92444	3.92444	0.0585275	1.96937	1.96937	15.3343	24.4197	1.41555	1
cg23889414	0.22901	0.882803	-1.13276	0.000285791	0.557143	-1.79487	0.0847997	0.828439	-1.20709	0.0405371	0.791702	-1.2631	17.339	2.67768	0.137272	1
cg24690810	0.00263591	1.33365	1.33365	0.7289	0.976219	-1.02436	0.0150824	1.22949	1.22949	0.8959	1.0091	1.0091	14.7602	1.1186	0.0673643	1
cg12795255	0.167177	1.2166	1.2166	0.133619	1.24037	1.24037	0.00158879	1.82851	1.82851	0.186158	1.20516	1.20516	8.30423	2.33144	0.249558	1
cg14411221	0.533858	0.882425	-1.13324	0.0152103	1.80731	1.80731	0.0697147	1.49582	1.49582	0.0697738	0.668601	-1.49566	7.17981	4.48126	0.554798	1
cg26101466	0.107102	0.681951	-1.46638	6.74E-05	0.204317	-4.89437	0.494718	1.16288	1.16288	0.717086	1.08241	1.08241	7.14892	5.36235	0.666749	1
cg24014141	0.387716	1.1196	1.1196	0.0230201	1.41468	1.41468	0.97146	0.995445	-1.00458	0.00581271	0.630696	-1.58555	5.86171	1.51152	0.229211	1
cg03046018	0.22302	1.15305	1.15305	0.318156	0.89158	-1.1216	0.585485	0.940584	-1.06317	0.186382	1.1686	1.1686	5.51861	1.08123	0.174155	1
cg14186618	0.00425772	1.48726	1.48726	0.964877	0.995441	-1.00458	0.00573984	0.686771	-1.45609	0.13181	1.18389	1.18389	5.36229	0.914589	0.151608	1
cg22982273	0.00549292	1.28911	1.28911	0.58899	0.962765	-1.03867	0.0360206	0.843959	-1.18489	0.670441	0.970662	-1.03022	4.89746	0.375339	0.068124	1
cg09236299	0.324475	1.15257	1.15257	0.16059	0.811264	-1.23264	0.380208	0.881956	-1.13384	0.266139	1.1755	1.1755	4.44315	1.37037	0.274153	1
cg10006408	?	?	?	0.0853485	0.31637	-3.16086	?	?	?	0.00944521	0.110814	-9.02411	7.39773	15.2715	2.58044	1
cg01530317	0.667118	0.927939	-1.07766	0.195185	1.2672	1.2672	0.000735867	2.42652	2.42652	0.262507	1.22376	1.22376	3.58686	1.69707	0.420564	1
cg09781414	0.575714	1.0641	1.0641	3.89E-06	0.306805	-3.2594	0.107033	0.824227	-1.21326	0.000350015	0.53183	-1.8803	82.8966	15.8496	0.169953	1
cg06139682	5.69E-05	0.39983	-2.50107	0.00909196	0.665886	-1.50176	0.871532	1.02005	1.02005	0.0427027	0.751094	-1.33139	25.5992	6.10234	0.211894	1
cg04147158	0.00813967	0.575173	-1.73861	5.37E-05	0.292293	-3.42122	0.48289	1.12349	1.12349	5.41E-05	0.292628	-3.41731	15.667	6.61502	0.375312	1
cg01535567	0.222178	0.875812	-1.1418	0.103247	1.20225	1.20225	0.00271742	0.651851	-1.53409	0.848299	0.980401	-1.01999	14.0269	2.3732	0.15039	1
cg08982878	0.00955979	0.517447	-1.93256	0.000668617	0.351619	-2.84399	0.326455	0.815951	-1.22556	0.155177	0.736821	-1.35718	10.5194	6.7156	0.567466	1
cg27524531	4.16E-05	0.252246	-3.96439	0.305022	1.20615	1.20615	0.0610519	0.689001	-1.45138	0.64549	1.08518	1.08518	10.2135	5.037	0.438375	1
cg05904283	0.248291	0.762723	-1.31109	0.300097	0.785846	-1.27251	0.364441	0.811269	-1.23264	0.195312	0.735359	-1.35988	9.16521	7.31113	0.709071	1
cg00802000	0.00771309	0.418187	-2.39128	0.00173764	0.320626	-3.1189	0.921022	0.975058	-1.02558	0.0548557	0.574302	-1.74124	8.53845	8.77228	0.913232	1
cg09310612	0.251774	1.25514	1.25514	0.361751	1.19475	1.19475	0.588293	1.10931	1.10931	0.33341	0.827476	-1.20849	8.47159	4.83372	0.507182	1
cg09136821	0.562551	0.943408	-1.05999	0.0182151	1.33007	1.33007	0.885217	1.01448	1.01448	0.828834	1.02178	1.02178	7.87069	1.23423	0.13939	1
cg05335115	0.758151	1.10124	1.10124	0.51135	0.812213	-1.2312	0.964298	0.986121	-1.01407	0.0677657	0.527881	-1.89437	7.34929	11.3485	1.37259	1
cg04343385	0.0609177	0.586761	-1.70427	0.210835	0.716947	-1.3948	0.209843	0.716373	-1.39592	0.16669	0.689261	-1.45083	7.06901	7.13166	0.896767	1
cg09876101	0.731598	1.11503	1.11503	0.59221	0.842551	-1.18687	0.0302656	2.35125	2.35125	0.00100944	0.164987	-6.06109	9.41267	14.1582	1.00277	1
cg00547727	0.958409	1.02075	1.02075	0.868839	0.936989	-1.06725	0.792405	1.10946	1.10946	0.484211	0.755817	-1.32307	6.70742	16.4743	2.18323	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26988922	WDR90	0.00712512	0.00239665	0.408651	-2.44707	?	?	?	0.0670384	0.647771	-1.54375	0.203053	1.32873	1.32873	0.0161333	0.536512	-1.86389
cg04673509	WDR90	0.00734604	0.640663	0.932635	-1.07223	0.0146655	0.640342	-1.56167	0.00297339	0.546218	-1.83077	0.588352	0.922132	-1.08444	0.0129092	0.632607	-1.58076
cg02705487	WDR90	0.0136733	0.934461	0.978364	-1.02211	0.228225	0.714374	-1.39983	0.108616	0.627865	-1.5927	0.172008	0.67933	-1.47204	0.000307197	0.210446	-4.7518
cg16708495	WDR90	0.0166524	0.0485124	0.60233	-1.66022	0.0250804	0.549137	-1.82104	0.298599	0.78479	-1.27423	0.24798	0.762111	-1.31214	0.000489794	0.292726	-3.41617
cg07894983	WDR90	0.0177781	0.00910574	0.344524	-2.90255	0.010311	0.353653	-2.82763	0.00496503	0.302363	-3.30728	0.218638	1.51603	1.51603	0.0169294	0.391879	-2.55181
cg03923423	WDR90	0.0228761	0.749275	0.95816	-1.04367	0.0154789	0.67307	-1.48573	0.303657	0.867612	-1.15259	0.12201	0.79978	-1.25034	0.00951031	0.645406	-1.54941
cg01252526	WDR90	0.0293308	0.151641	3.07972	3.07972	0.369537	1.96364	1.96364	0.329891	0.47891	-2.08807	0.886323	0.900557	-1.11042	0.00153977	0.0355709	-28.1129
cg09603710	WDR90	0.0295566	0.244689	0.468233	-2.13569	0.0337038	0.213012	-4.69456	0.0231836	0.184089	-5.43216	0.65062	0.752557	-1.3288	0.00384678	0.0881484	-11.3445
cg09067715	WDR90	0.0416103	0.306086	1.5569	1.5569	0.74215	1.14789	1.14789	0.475949	0.73873	-1.35367	0.669002	0.835547	-1.19682	0.00890428	0.248971	-4.01654
cg02852791	WDR90	0.0417739	0.090187	2.90636	2.90636	0.295096	0.537746	-1.85961	0.159268	0.423404	-2.36181	0.696161	0.79914	-1.25134	0.0140481	0.176856	-5.65431
cg05409441	WDR90	0.0431917	0.987523	0.995936	-1.00408	0.00947227	0.424806	-2.35402	0.019086	0.477705	-2.09334	0.889489	0.964444	-1.03687	0.0705641	0.590817	-1.69257
cg00469995	WDR90	0.0456532	0.899499	0.953724	-1.04852	0.210631	1.63993	1.63993	0.588511	1.22731	1.22731	0.819304	0.917772	-1.0896	0.00307808	0.21884	-4.56955
cg06505619	WDR90;FAM195A	0.0483421	0.0112056	0.167467	-5.97133	0.390298	0.609589	-1.64045	0.264527	0.520017	-1.92301	0.19726	0.464669	-2.15207	0.0219246	0.213141	-4.69235
cg22160769	WDR91	0.00484984	0.0777259	0.629172	-1.58939	0.557767	0.869269	-1.15039	0.17051	0.70825	-1.41193	0.0139693	0.487978	-2.04927	0.000269517	0.243601	-4.10508
cg02943411	WDR92	0.00302106	0.166936	0.664239	-1.50548	0.45379	1.23599	1.23599	0.0108873	0.411648	-2.42926	0.587267	0.858843	-1.16436	0.973175	0.990707	-1.00938
cg10633147	WDR92;PNO1	0.030425	0.0937146	1.20376	1.20376	0.92537	0.990618	-1.00947	0.946996	0.993333	-1.00671	0.960684	0.995053	-1.00497	0.26234	0.889064	-1.12478
cg25610689	WDR92;PNO1;WDR92	0.00236131	0.182124	0.744437	-1.3433	0.0556478	0.636392	-1.57136	0.00061149	0.332847	-3.00438	0.00608335	0.47406	-2.10944	0.000537989	0.325628	-3.07099
cg02598778	WDR93	0.00396952	0.16839	0.605728	-1.65091	0.0496452	0.465383	-2.14877	0.00351118	0.258668	-3.86596	0.0378618	0.439384	-2.27591	0.000684486	0.170057	-5.88039
cg01179131	WDR93	0.028073	0.0553937	0.440385	-2.27074	0.00688645	3.74829	3.74829	0.0420903	2.42182	2.42182	0.0266817	0.370905	-2.69611	0.949015	1.02445	1.02445
cg17798749	WDR93;PEX11A	2.70E-06	?	?	?	2.03E-06	10.4284	10.4284	3.96E-06	7.26045	7.26045	1.25E-05	0.226561	-4.41383	1.51E-05	0.242364	-4.12603
cg04129282	WDR93;PEX11A	0.0429769	0.00955873	1.87274	1.87274	0.242644	0.791543	-1.26336	0.0603987	0.667065	-1.49911	0.68281	0.924457	-1.08172	0.679617	0.923675	-1.08263
cg26480413	WDR93;PEX11A	0.0493055	0.130269	0.417888	-2.39299	0.308768	1.74839	1.74839	0.103215	0.385364	-2.59495	0.209425	2.0211	2.0211	?	?	?
cg03181618	WDSUB1;WDSUB1;WDSUB1	0.0114472	0.820068	1.07821	1.07821	0.0115807	0.352264	-2.83878	0.0507116	0.4791	-2.08725	0.539867	1.22769	1.22769	0.423375	0.763175	-1.31032
cg26060536	WDTC1	0.000218152	0.000509475	0.307761	-3.24927	0.000184283	0.253699	-3.94168	6.22E-05	0.201492	-4.96298	0.00832136	0.480892	-2.07947	6.52E-05	0.203628	-4.91093
cg03059896	WDTC1	0.00027775	0.000359557	0.226107	-4.42269	0.00145977	0.303035	-3.29995	0.027784	0.508877	-1.96511	0.464881	1.21313	1.21313	0.000188804	0.194843	-5.13234
cg01396034	WDTC1	0.00122118	0.000651833	3.82151	3.82151	0.114924	1.55225	1.55225	0.525317	0.847811	-1.17951	0.332239	1.2925	1.2925	0.464367	0.826119	-1.21048
cg21824902	WDTC1	0.0016302	0.153098	1.17773	1.17773	0.00318401	1.53828	1.53828	0.00755178	1.44411	1.44411	0.123508	1.19528	1.19528	0.637732	1.05202	1.05202
cg16740167	WDTC1	0.0372348	0.0141002	0.229717	-4.35318	0.18357	0.512595	-1.95086	0.456877	1.42848	1.42848	0.0132599	0.22513	-4.44187	0.00928345	0.199895	-5.00262
cg11705470	WDTC1	0.0480006	0.621015	0.695258	-1.43831	0.41002	0.54093	-1.84867	0.48416	1.67956	1.67956	?	?	?	?	?	?
cg19635158	WDTC1;WDTC1	0.0078883	0.331859	1.39301	1.39301	0.59021	0.835267	-1.19722	0.991391	0.996434	-1.00358	0.492944	1.25929	1.25929	0.000999744	0.198324	-5.04224
cg15665653	WDTC1;WDTC1	0.0113171	0.615059	0.934611	-1.06996	0.0203186	1.45222	1.45222	0.0228754	1.43782	1.43782	0.85547	0.975976	-1.02462	0.711083	1.05087	1.05087
cg21495321	WDYHV1	0.000485196	0.0945964	0.698995	-1.43063	3.58E-05	4.72869	4.72869	0.916113	1.02075	1.02075	0.668933	1.08746	1.08746	0.178845	0.757027	-1.32096
cg07088351	WDYHV1	0.00316144	0.969659	1.00651	1.00651	0.00620749	0.544121	-1.83783	0.390582	1.16189	1.16189	0.895858	1.02259	1.02259	0.000297992	0.366378	-2.72942
cg14018100	WDYHV1	0.0169382	0.456293	0.868027	-1.15204	0.736344	1.06507	1.06507	0.10603	1.39001	1.39001	0.289174	1.22782	1.22782	0.000431036	0.353851	-2.82605
cg01000365	WDYHV1	0.0204446	0.161671	0.740718	-1.35004	0.959321	0.989809	-1.0103	0.464296	1.16135	1.16135	0.427593	1.17664	1.17664	0.233155	1.28539	1.28539
cg19197523	WDYHV1	0.0413807	0.036796	2.01678	2.01678	0.00419458	0.329818	-3.03197	0.76593	1.09018	1.09018	0.917831	0.970596	-1.03029	0.0784066	1.76021	1.76021
cg00194681	WDYHV1	0.0448826	0.0301795	1.85889	1.85889	0.0459251	1.74446	1.74446	0.00435216	2.52595	2.52595	0.0962702	1.55923	1.55923	0.942476	0.982601	-1.01771
cg23412309	WDYHV1	0.0459545	0.921184	1.06722	1.06722	0.264601	0.465643	-2.14757	0.59565	0.703231	-1.42201	0.63646	0.731266	-1.36749	0.00195568	0.0562223	-17.7865
cg26541003	WEE1	0.0262719	0.0814043	0.624146	-1.60219	0.371561	1.25093	1.25093	0.332731	1.27614	1.27614	0.0149983	0.482043	-2.0745	0.0197402	0.503034	-1.98794
cg06127316	WEE1;WEE1	0.000666371	0.00182963	0.113201	-8.83387	0.000619999	0.0748976	-13.3516	0.00233958	0.123669	-8.08612	0.185455	0.501143	-1.99544	0.00622127	0.172939	-5.7824
cg06136199	WEE1;WEE1	0.00408605	0.00441958	0.0929578	-10.7576	?	?	?	0.00228976	0.0695273	-14.3828	0.0362438	0.218154	-4.58391	0.00466385	0.0951323	-10.5117
cg25222252	WEE1;WEE1	0.0151616	0.17033	0.816383	-1.22492	0.0144158	0.657735	-1.52037	0.206371	0.830968	-1.20342	0.834921	0.971425	-1.02942	0.132902	1.25264	1.25264
cg27268513	WEE1;WEE1	0.016557	0.105	0.837241	-1.1944	0.625296	1.05059	1.05059	0.116115	1.18678	1.18678	0.892502	1.01365	1.01365	0.0907401	1.20547	1.20547
cg22776767	WEE1;WEE1	0.0220645	0.982872	0.997345	-1.00266	0.208073	0.848404	-1.17868	0.585733	1.07054	1.07054	0.0807907	0.786757	-1.27104	0.798408	1.03221	1.03221
cg16139011	WEE1;WEE1	0.0222108	0.32955	1.11138	1.11138	0.331454	1.11089	1.11089	0.106032	0.83088	-1.20354	0.0111736	1.39617	1.39617	0.377033	1.09981	1.09981
cg08691479	WEE1;WEE1;WEE1	0.000282657	0.0855244	0.850369	-1.17596	0.645907	1.04024	1.04024	0.589576	1.04754	1.04754	0.0460139	0.822835	-1.21531	0.523118	0.946307	-1.05674
cg12976456	WEE2;FLJ40852	0.00481109	0.0201877	1.9079	1.9079	0.0338052	1.7709	1.7709	0.718929	0.920041	-1.08691	0.574357	0.877342	-1.13981	0.00500958	0.424743	-2.35436
cg18769555	WEE2;WEE2;FLJ40852	0.0414457	0.20101	0.49727	-2.01098	0.177996	0.476906	-2.09685	0.0702251	0.350996	-2.84904	0.333042	0.59657	-1.67625	0.0154684	0.215084	-4.64934
cg26724194	WFDC1	0.000239845	0.155575	1.20076	1.20076	0.0540666	0.768541	-1.30117	6.27E-06	0.296653	-3.37094	0.144742	1.20755	1.20755	0.113141	1.23071	1.23071
cg07099991	WFDC1	0.000969619	0.890685	1.03253	1.03253	7.58E-05	0.188072	-5.31711	0.00478318	2.39114	2.39114	0.00107117	0.324648	-3.08026	0.64393	0.897314	-1.11444
cg27154941	WFDC1	0.0030918	0.0262051	2.55261	2.55261	0.00120529	5.39194	5.39194	0.49746	1.27732	1.27732	0.116266	1.83397	1.83397	0.0322641	2.43741	2.43741
cg07141055	WFDC1	0.00407312	0.00211832	0.394249	-2.53647	0.880816	0.968193	-1.03285	0.0299679	0.576879	-1.73347	0.010968	0.502737	-1.98911	0.00024093	0.270123	-3.70202
cg07001856	WFDC1	0.00521743	0.0405267	5.71205	5.71205	0.012921	9.71149	9.71149	0.0917527	3.9261	3.9261	0.0858614	4.04846	4.04846	0.0155126	8.90796	8.90796
cg23865698	WFDC1	0.00842563	0.00919689	0.505968	-1.97641	0.121169	1.4137	1.4137	0.736099	0.932686	-1.07217	0.0693325	0.657976	-1.51981	0.001127	0.372495	-2.6846
cg04268432	WFDC1	0.0264649	0.0841476	2.27918	2.27918	0.0352068	2.87934	2.87934	0.284754	1.61453	1.61453	0.163301	1.89927	1.89927	0.0275649	3.07523	3.07523
cg02219997	WFDC1	0.0310107	0.0549705	0.498192	-2.00726	0.961522	1.01557	1.01557	0.00185453	0.243047	-4.11442	0.108738	0.57115	-1.75085	0.0115767	0.363937	-2.74773
cg02741056	WFDC1	0.0320745	0.00826654	0.583437	-1.71398	0.734143	1.05589	1.05589	0.427248	0.878686	-1.13806	0.927793	0.985643	-1.01457	0.0327844	0.671355	-1.48953
cg06664668	WFDC1	0.0344172	0.028899	0.429317	-2.32928	0.0670555	1.96154	1.96154	0.209942	0.648121	-1.54292	0.0514448	0.482969	-2.07053	0.0353636	0.447427	-2.235
cg04470044	WFDC1	0.037586	0.576329	0.828796	-1.20657	0.0866601	1.8767	1.8767	0.472878	1.2749	1.2749	0.442956	0.770886	-1.29721	0.00297827	0.257793	-3.87908
cg09749922	WFDC1	0.0382464	0.114834	1.28707	1.28707	0.912523	1.01631	1.01631	0.354077	0.869077	-1.15065	0.0617049	0.733654	-1.36304	0.885197	1.02149	1.02149
cg15547140	WFDC1	0.0416204	0.0801482	2.47219	2.47219	0.0450729	2.92145	2.92145	0.466892	1.41223	1.41223	0.159357	2.01606	2.01606	0.0610175	2.67613	2.67613
cg24337225	WFDC10A;WFDC9	0.0378624	0.0594287	0.324263	-3.08392	0.0511235	0.308605	-3.24039	0.0398707	0.284389	-3.51631	0.026547	0.248669	-4.02141	0.219251	0.504682	-1.98144
cg23609450	WFDC10B;WFDC10B	0.000152106	0.0475278	0.444453	-2.24996	0.96297	0.983527	-1.01675	0.00330175	0.238855	-4.18663	0.00049478	0.142123	-7.03615	2.92E-05	0.0532285	-18.7869
cg11783356	WFDC10B;WFDC10B	0.0185174	0.0120687	0.130196	-7.68073	0.00520164	0.0905419	-11.0446	0.117175	0.330049	-3.02986	0.747025	0.809932	-1.23467	0.0119704	0.129748	-7.70723
cg00690280	WFDC10B;WFDC13;WFDC10B	0.00109668	0.000479538	0.182779	-5.47109	0.248467	1.45379	1.45379	0.0202625	0.419725	-2.38251	0.00445318	0.308287	-3.24374	0.000284349	0.159038	-6.2878
cg22988566	WFDC10B;WFDC13;WFDC10B	0.00275621	0.0325682	0.361719	-2.76458	0.142721	1.89728	1.89728	0.0457733	0.394218	-2.53667	0.0222843	0.328418	-3.0449	0.000478668	0.10774	-9.28164
cg16206191	WFDC10B;WFDC13;WFDC10B	0.00977041	0.249306	0.646405	-1.54702	0.0558218	0.456054	-2.19272	0.00420069	0.249214	-4.01261	0.362417	0.712324	-1.40386	0.549643	0.803026	-1.24529
cg19111238	WFDC11	0.00563622	0.0035516	0.238496	-4.19294	0.42372	0.743474	-1.34504	0.00375706	0.241919	-4.13361	0.00146387	0.188861	-5.29491	0.0062373	0.274366	-3.64476
cg25133753	WFDC11	0.0122942	0.00742348	0.122211	-8.18257	0.00368047	0.0913392	-10.9482	0.11174	0.347916	-2.87426	0.154455	0.394911	-2.53222	0.00672962	0.117432	-8.51557
cg25350792	WFDC11	0.0216076	0.52272	0.741941	-1.34782	0.0691776	0.391857	-2.55195	0.0184982	0.268121	-3.72966	0.168986	0.509027	-1.96453	0.00282141	0.150252	-6.65547
cg11223315	WFDC12	0.016763	0.221738	1.24596	1.24596	0.251212	1.22785	1.22785	0.443428	1.14316	1.14316	0.0504011	1.46499	1.46499	0.0570746	0.691684	-1.44575
cg18241647	WFDC12	0.0174063	0.0541032	0.715913	-1.39682	0.0715654	1.36015	1.36015	0.375838	0.870279	-1.14906	0.261329	0.83604	-1.19611	0.824986	0.966709	-1.03444
cg17890298	WFDC13;WFDC10B;WFDC10B	3.15E-05	2.11E-05	0.21708	-4.6066	0.00034539	0.358264	-2.79124	0.0319227	0.638809	-1.56541	9.10E-05	0.287418	-3.47925	3.40E-05	0.239036	-4.18347
cg26086948	WFDC2	3.35E-05	0.0663999	1.33797	1.33797	0.0193402	1.49185	1.49185	0.000407761	2.21275	2.21275	0.047807	1.37716	1.37716	6.45E-06	0.241243	-4.14519
cg00325113	WFDC2	0.000289885	0.0240346	0.605372	-1.65188	0.718592	1.06981	1.06981	0.00900982	1.8574	1.8574	0.120312	1.36919	1.36919	8.73E-06	0.165206	-6.05305
cg20299254	WFDC2	0.000998	0.0019186	0.376845	-2.65361	0.00353337	0.415378	-2.40745	0.0143204	0.511246	-1.956	0.575009	1.13412	1.13412	0.000150236	0.235488	-4.24651
cg21963535	WFDC2	0.00684605	0.0291456	5.07742	5.07742	0.0123784	7.15535	7.15535	0.0999588	3.12448	3.12448	0.0873756	3.2962	3.2962	0.0127364	7.07267	7.07267
cg06385187	WFDC2	0.00789002	0.0273951	14.4262	14.4262	0.03116	13.2867	13.2867	0.140658	5.05799	5.05799	0.107886	6.01546	6.01546	0.0109215	26.2472	26.2472
cg26348514	WFDC2	0.0138819	0.0370837	13.5653	13.5653	0.0168067	23.169	23.169	0.184147	4.56103	4.56103	0.0702725	8.84271	8.84271	0.0278197	16.4542	16.4542
cg23740882	WFDC2	0.0171074	0.0290537	11.7239	11.7239	0.0411187	9.53218	9.53218	0.0883102	6.04547	6.04547	0.091512	5.91745	5.91745	0.0268969	12.2777	12.2777
cg00700485	WFDC2	0.0209661	0.0297077	7.80362	7.80362	0.170792	3.2254	3.2254	0.0904883	4.47122	4.47122	0.297724	2.37915	2.37915	0.00933754	14.1148	14.1148
cg00980978	WFDC2	0.024986	0.05088	10.0796	10.0796	0.0103081	28.7246	28.7246	0.0345649	12.9369	12.9369	0.143034	5.1299	5.1299	0.116284	5.88822	5.88822
cg12831086	WFDC2	0.0406723	0.361187	1.4056	1.4056	0.289882	1.48951	1.48951	0.0325269	2.47849	2.47849	0.541352	0.799101	-1.25141	0.0571689	0.458167	-2.18261
cg14151783	WFDC2;WFDC2	0.006941	0.0226856	12.5871	12.5871	0.0113104	19.0107	19.0107	0.118334	4.82718	4.82718	0.095421	5.47823	5.47823	0.0158022	15.5693	15.5693
cg03605692	WFDC3	8.87E-06	3.00E-05	0.152264	-6.56755	0.0617082	0.615658	-1.62428	0.356972	0.803823	-1.24406	0.650643	0.900245	-1.11081	4.59E-07	0.0377582	-26.4843
cg07982740	WFDC3	0.00208007	0.0150013	0.610175	-1.63887	0.00112543	2.20808	2.20808	0.00970872	0.582464	-1.71684	0.343351	0.851059	-1.17501	0.0358229	0.667988	-1.49703
cg25769883	WFDC3;DNTTIP1	7.13E-06	0.973434	0.993592	-1.00645	0.973548	1.00642	1.00642	0.383551	1.18826	1.18826	0.685546	1.08175	1.08175	0.228645	1.27622	1.27622
cg07085497	WFDC3;DNTTIP1	0.000161144	0.3728	0.792967	-1.26109	0.0929694	1.59775	1.59775	0.0133546	2.17496	2.17496	0.209485	0.715081	-1.39844	0.345222	1.27951	1.27951
cg15419274	WFDC3;DNTTIP1	0.0163434	0.00649008	0.560062	-1.78552	0.761102	0.951265	-1.05123	0.44399	0.879972	-1.1364	0.0980777	1.34623	1.34623	0.0761882	1.38163	1.38163
cg01517033	WFDC3;DNTTIP1	0.0181445	0.00870968	0.187585	-5.33093	0.0551536	0.33673	-2.96974	0.0608002	0.347098	-2.88103	0.0704845	0.36346	-2.75134	0.00448092	0.149971	-6.66794
cg23252815	WFDC3;DNTTIP1	0.0191625	0.42229	0.747865	-1.33714	0.189549	0.611067	-1.63648	0.125387	0.555492	-1.80021	0.454086	1.31034	1.31034	0.00472323	0.264365	-3.78265
cg03440066	WFDC3;DNTTIP1	0.0326383	0.0736622	1.48874	1.48874	0.0115816	0.532624	-1.8775	0.481804	0.867036	-1.15335	0.00781573	0.505936	-1.97653	0.0225098	0.579637	-1.72522
cg01905774	WFDC3;DNTTIP1	0.0395847	0.441366	0.88419	-1.13098	0.0104793	1.65712	1.65712	0.736514	1.05437	1.05437	0.151123	1.27276	1.27276	0.380581	1.15143	1.15143
cg14780681	WFDC3;DNTTIP1	0.0409163	?	?	?	0.135258	1.46409	1.46409	0.212274	1.36491	1.36491	0.930337	0.97951	-1.02092	0.0217803	0.521008	-1.91936
cg17240987	WFDC3;DNTTIP1	0.0428896	0.00538	0.124632	-8.0236	0.0586625	0.297119	-3.36565	0.126218	0.390594	-2.56021	0.103935	0.364118	-2.74636	0.0213693	0.207744	-4.81362
cg24799514	WFDC3;WFDC3;DNTTIP1	0.00386188	0.0222011	0.610231	-1.63872	0.00223963	0.462524	-2.16205	0.0238878	0.615315	-1.62518	0.00107617	0.418933	-2.38702	0.0283887	0.627423	-1.59382
cg07674238	WFDC5	2.41E-05	0.6116	1.08034	1.08034	0.000402225	0.427754	-2.33779	0.660564	1.06895	1.06895	0.000856161	0.469677	-2.12912	8.17E-07	0.136636	-7.31873
cg13253800	WFDC5	0.00967296	0.223662	1.26766	1.26766	0.222772	1.2683	1.2683	0.243427	0.797375	-1.25411	0.000479964	0.361899	-2.76321	0.318741	1.21066	1.21066
cg14288464	WFDC5	0.0112322	0.175856	0.782762	-1.27753	0.0771927	0.715794	-1.39705	0.002268	0.483479	-2.06834	0.0238644	0.632042	-1.58217	0.904532	1.02063	1.02063
cg10365312	WFDC5	0.031499	0.366705	0.87348	-1.14485	0.00975758	1.61081	1.61081	0.4867	0.902045	-1.10859	0.309978	0.857915	-1.16562	0.980243	0.996394	-1.00362
cg19348676	WFDC5	0.0402775	0.568202	1.16291	1.16291	0.00468162	2.6744	2.6744	0.181357	1.44958	1.44958	0.453817	1.22098	1.22098	0.35447	1.28307	1.28307
cg16932304	WFDC6	0.000960155	0.0275931	0.259202	-3.858	0.00949347	0.182109	-5.49122	0.00247588	0.112983	-8.85086	0.187127	0.484494	-2.06401	0.0006621	0.0670529	-14.9136
cg14413533	WFDC6	0.00303928	0.019088	0.27236	-3.67161	0.00550644	0.187691	-5.32791	0.0391363	0.334716	-2.98761	0.0285435	0.305857	-3.26951	0.0237678	0.290184	-3.44609
cg00636194	WFDC6	0.0069162	0.0451402	0.26821	-3.72842	?	?	?	0.0539209	0.285705	-3.50012	0.762899	0.84095	-1.18913	0.0142506	0.177148	-5.645
cg13546223	WFDC6	0.00914705	0.67315	0.864614	-1.15659	0.0197086	2.62673	2.62673	0.0477972	0.460277	-2.17261	0.00440972	0.27167	-3.68093	0.0186989	0.376382	-2.65688
cg05733285	WFDC6	0.0298291	0.038953	0.147342	-6.78694	0.00585181	0.0555416	-18.0045	0.314889	0.43489	-2.29943	0.202068	0.339868	-2.94232	0.0167598	0.0964155	-10.3718
cg12547930	WFDC6	0.0439113	0.00934593	0.0847874	-11.7942	0.258822	0.413993	-2.4155	0.111945	0.273701	-3.65362	0.342238	0.480697	-2.08031	0.00706634	0.0738308	-13.5445
cg19427399	WFDC8;WFDC8	0.00818787	0.802305	0.950445	-1.05214	0.00999907	0.517423	-1.93265	0.00100707	0.372013	-2.68808	0.678878	0.919116	-1.088	0.826744	0.956561	-1.04541
cg20169185	WFDC9	6.82E-06	0.025516	0.614114	-1.62836	3.39E-05	0.228731	-4.37195	1.36E-05	0.187943	-5.32077	0.00244929	0.461012	-2.16914	2.68E-05	0.217855	-4.5902
cg13209907	WFDC9	0.000387867	0.000459385	0.311789	-3.2073	0.0144017	0.528693	-1.89146	0.0023591	0.40805	-2.45068	0.0821855	0.665717	-1.50214	0.000360998	0.298582	-3.34916
cg17133224	WFDC9	0.000447419	0.00236161	0.330042	-3.02992	6.43E-05	0.146594	-6.82157	0.0175989	0.470047	-2.12745	0.803358	0.936872	-1.06738	0.000885798	0.272005	-3.67641
cg12740857	WFDC9	0.000556405	0.00214793	0.178375	-5.60616	0.00601562	0.237994	-4.20179	0.00196212	0.173715	-5.75657	0.927126	1.03727	1.03727	0.000221765	0.0854618	-11.7011
cg15638170	WFDC9	0.0077646	0.309127	1.68856	1.68856	0.554851	0.742832	-1.3462	0.0457753	0.319913	-3.12585	0.368912	1.58298	1.58298	0.00180099	0.109742	-9.11225
cg24338003	WFDC9	0.00932622	0.066185	0.385841	-2.59174	0.00127857	0.114122	-8.76257	0.0568526	0.36935	-2.70746	0.443837	0.697141	-1.43443	0.0212837	0.278262	-3.59374
cg05300942	WFDC9	0.0288103	0.72446	1.15378	1.15378	0.291666	0.642604	-1.55617	0.941045	1.03035	1.03035	0.0378645	0.377887	-2.6463	0.0128496	0.28687	-3.4859
cg12061127	WFDC9	0.0383185	0.0521553	0.426605	-2.34409	0.316073	0.670476	-1.49148	0.0500227	0.422361	-2.36764	0.550568	0.792218	-1.26228	0.012851	0.303757	-3.29211
cg06520088	WFIKKN1	0.00108052	0.00462543	0.506616	-1.97388	4.84E-05	3.97338	3.97338	0.0522469	1.4895	1.4895	0.630641	1.09137	1.09137	0.0171597	0.592048	-1.68905
cg19227170	WFIKKN1	0.0042587	0.579775	1.15761	1.15761	0.709218	1.10299	1.10299	0.00509172	2.63483	2.63483	0.00282775	2.93309	2.93309	0.00156363	3.28474	3.28474
cg08933790	WFIKKN1	0.040496	0.317639	0.738208	-1.35463	0.722449	0.900509	-1.11048	0.358932	1.31941	1.31941	0.40837	1.28208	1.28208	0.0207549	0.441294	-2.26606
cg05113958	WFIKKN2	0.00557442	0.00246087	0.535193	-1.86848	0.784831	1.04146	1.04146	0.0208797	0.661887	-1.51083	0.0489854	0.716312	-1.39604	0.00429116	0.567261	-1.76286
cg17203352	WFIKKN2	0.00611967	0.0142729	0.317729	-3.14733	0.00450162	4.20646	4.20646	0.554452	0.797041	-1.25464	0.972664	1.01309	1.01309	0.00237542	0.200377	-4.99059
cg14074284	WFIKKN2	0.00803865	0.0251025	0.480927	-2.07932	0.00280844	3.09921	3.09921	0.141332	0.647524	-1.54434	0.444441	1.23887	1.23887	0.0388072	0.518224	-1.92967
cg25420614	WFIKKN2	0.00943295	0.0512243	0.306009	-3.26788	0.0227245	0.233528	-4.28215	0.000837436	0.0685205	-14.5942	0.0634221	0.328458	-3.04453	0.0505085	0.304586	-3.28315
cg26202853	WFIKKN2	0.0107046	0.465698	1.25531	1.25531	0.642349	1.15402	1.15402	0.00329942	0.293467	-3.40754	0.3078	0.723731	-1.38173	0.979228	0.992058	-1.00801
cg10690919	WFIKKN2	0.0165374	0.110553	0.323613	-3.09011	0.00723978	9.47099	9.47099	0.679876	1.30893	1.30893	0.293696	2.02729	2.02729	0.00414784	0.0826258	-12.1028
cg00463502	WFIKKN2	0.0264454	0.0652928	0.49921	-2.00317	0.00972477	2.99821	2.99821	0.526024	1.24076	1.24076	0.416129	1.32185	1.32185	0.0129275	0.354876	-2.81788
cg14116509	WFIKKN2	0.0311496	0.038675	0.192157	-5.20407	0.0288058	0.169332	-5.90555	0.0192063	0.142074	-7.03859	0.0561458	0.22538	-4.43695	0.0167749	0.133911	-7.46763
cg00003625	WFIKKN2	0.0358636	0.125641	0.410409	-2.4366	0.027701	4.04929	4.04929	0.753579	1.18439	1.18439	0.486707	1.46194	1.46194	0.00826998	0.162902	-6.13867
cg11280756	WFIKKN2	0.0405985	0.402868	0.752965	-1.32808	0.0771816	1.91795	1.91795	0.517521	1.24293	1.24293	0.257591	0.675991	-1.47931	0.00340113	0.267242	-3.74193
cg18172830	WFIKKN2	0.041185	0.398488	1.1063	1.1063	0.152786	1.19597	1.19597	0.245585	1.1525	1.1525	0.490335	1.08533	1.08533	0.859744	0.979542	-1.02089
cg07168556	WFIKKN2	0.0499742	0.0665558	0.327271	-3.05557	0.0174917	4.80806	4.80806	0.888058	0.926383	-1.07947	0.794974	1.15187	1.15187	0.0194449	0.215702	-4.63602
cg26958924	WFS1;WFS1	0.000225207	0.628126	0.927902	-1.0777	0.896125	1.02023	1.02023	0.0035207	0.545163	-1.83431	0.337328	1.16375	1.16375	4.36E-06	0.197136	-5.07264
cg17662872	WFS1;WFS1	0.000231232	0.00382387	0.428835	-2.3319	0.386735	0.824773	-1.21245	0.488573	1.16506	1.16506	0.0582183	0.628279	-1.59165	1.19E-05	0.1337	-7.47946
cg09577083	WFS1;WFS1	0.000524363	0.111432	0.673075	-1.48572	0.0143587	0.501996	-1.99205	6.12E-05	0.184729	-5.41333	3.91E-05	0.165632	-6.03748	0.00197873	0.368664	-2.7125
cg06886789	WFS1;WFS1	0.0016323	0.0578474	0.66225	-1.51	0.280362	0.806025	-1.24066	0.273992	1.24452	1.24452	0.00197408	2.31672	2.31672	0.000418453	0.341286	-2.9301
cg23684507	WFS1;WFS1	0.00784568	0.144761	0.76706	-1.30368	0.101701	1.35565	1.35565	0.0237314	1.59198	1.59198	0.111438	1.34207	1.34207	0.0851129	0.723383	-1.38239
cg16417416	WFS1;WFS1	0.0177776	0.837532	0.964899	-1.03638	0.0561098	0.686253	-1.45719	0.0963625	0.727801	-1.374	0.000789055	0.413603	-2.41778	0.643285	0.922045	-1.08455
cg25311466	WFS1;WFS1	0.0203126	0.0157736	0.215516	-4.64003	0.0486154	0.310788	-3.21763	0.0415623	0.295482	-3.3843	0.102023	2.53079	2.53079	0.011249	0.192522	-5.19422
cg02568902	WFS1;WFS1	0.0280919	0.152975	0.756531	-1.32182	0.733681	0.939641	-1.06424	0.0382875	0.645532	-1.54911	0.779602	0.950143	-1.05247	0.0695392	0.690685	-1.44784
cg00701064	WFS1;WFS1	0.0363827	0.325291	0.844595	-1.184	0.0536364	1.43967	1.43967	0.480857	0.887672	-1.12654	0.0106221	0.586109	-1.70617	0.379817	1.16161	1.16161
cg12788866	WFS1;WFS1	0.0389336	0.120445	0.571239	-1.75058	0.276698	0.686517	-1.45663	0.979327	0.991423	-1.00865	0.0154233	0.372262	-2.68628	0.00648631	0.308399	-3.24255
cg06079509	WFS1;WFS1	0.0398893	0.045097	0.458227	-2.18232	0.619153	0.843598	-1.1854	0.0141124	0.357644	-2.79608	0.617194	0.842783	-1.18655	0.0114214	0.341462	-2.92859

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26988922	0.01527	0.532543	-1.87778	0.00362923	0.434942	-2.29916	0.420457	1.19017	1.19017	0.41094	0.837068	-1.19465	6.71516	4.2298	0.629889	1
cg04673509	0.766263	1.04522	1.04522	0.00546445	1.71964	1.71964	0.054867	0.723956	-1.3813	0.150892	0.795825	-1.25656	6.51618	2.27138	0.309845	1
cg02705487	0.0174782	0.463325	-2.15831	0.916776	1.02819	1.02819	0.849858	1.05169	1.05169	0.769752	1.08118	1.08118	5.34113	5.9831	0.995727	1
cg16708495	0.639023	1.11212	1.11212	0.176736	0.723977	-1.38126	0.602988	1.12527	1.12527	0.802524	1.05798	1.05798	5.00391	4.00956	0.712255	1
cg07894983	0.616956	1.17606	1.17606	0.6013	0.844046	-1.18477	0.413699	0.764349	-1.3083	0.269013	0.690593	-1.44803	4.89549	8.01855	1.45595	1
cg03923423	0.0373939	0.724713	-1.37986	0.015126	1.48865	1.48865	0.942197	1.00971	1.00971	0.967185	0.994531	-1.0055	4.49321	1.26439	0.250134	1
cg01252526	0.255767	0.419498	-2.3838	0.821763	1.17965	1.17965	0.937532	1.05907	1.05907	0.0485273	5.20792	5.20792	4.11966	34.9828	7.54814	1
cg09603710	0.0044294	0.0936802	-10.6746	0.134265	0.365376	-2.73691	0.45352	0.621211	-1.60976	0.551329	0.686731	-1.45617	4.10848	25.2959	5.47288	1
cg09067715	0.00228877	0.168408	-5.93798	0.697989	0.849673	-1.17692	0.581748	0.792614	-1.26165	0.714687	0.857799	-1.16577	3.62984	10.0335	2.45705	1
cg02852791	0.293178	0.536321	-1.86455	0.0523403	0.283441	-3.52807	0.0724553	0.318169	-3.14299	0.0659064	3.2508	3.2508	3.62457	18.7386	4.59545	1
cg05409441	0.234308	1.38356	1.38356	0.0721982	0.593018	-1.68629	0.937197	1.02073	1.02073	0.0361646	0.530233	-1.88596	3.57992	3.84482	0.954662	1
cg00469995	0.0499471	0.432403	-2.31266	0.083772	2.04956	2.04956	0.857783	0.934948	-1.06958	0.943055	0.973566	-1.02715	3.50654	7.80973	1.97973	1
cg06505619	0.0261341	0.226752	-4.41011	0.00934027	0.156649	-6.38368	0.119979	0.387333	-2.58176	0.0912577	0.351404	-2.84573	3.43174	17.1837	4.45093	1
cg22160769	0.00324657	0.387246	-2.58234	0.00486786	0.413856	-2.4163	0.503614	0.851795	-1.17399	0.0281545	0.541885	-1.84541	7.40716	6.55269	0.786349	1
cg02943411	0.024217	0.474258	-2.10856	0.273241	0.728632	-1.37244	5.15E-05	0.122001	-8.19665	0.911693	0.969667	-1.03128	8.54039	10.4272	1.08527	1
cg10633147	0.82848	0.978407	-1.02207	0.00140556	0.627935	-1.59252	0.0836161	1.21246	1.21246	0.195305	0.871265	-1.14776	4.06645	0.651937	0.142508	1
cg25610689	0.582065	1.12282	1.12282	0.315305	1.24158	1.24158	0.309513	0.803186	-1.24504	0.0731088	1.51671	1.51671	9.18484	6.31782	0.611426	1
cg02598778	0.00354206	0.25921	-3.85787	0.000926153	0.184634	-5.41613	0.241638	0.657962	-1.51985	0.0430103	0.451437	-2.21515	7.87061	14.5415	1.64228	1
cg01179131	0.158007	0.565483	-1.7684	0.826363	0.920373	-1.08652	0.806735	1.09699	1.09699	0.7077	0.8674	-1.15287	4.18394	9.45196	2.00809	1
cg17798749	?	?	?	?	?	?	?	?	?	0.0131215	0.786156	-1.27201	1016.95	28.2187	0.0221986	1
cg04129282	0.0586015	1.5045	1.5045	0.0699568	0.678829	-1.47313	0.441426	1.16192	1.16192	0.339425	1.20713	1.20713	3.58657	2.07623	0.514569	1
cg26480413	0.716884	1.21198	1.21198	?	?	?	0.00956632	0.165569	-6.03976	0.194898	2.07439	2.07439	3.80923	12.786	3.35659	1
cg03181618	0.000999812	0.198877	-5.02824	0.00364054	0.272477	-3.67003	0.531672	0.811069	-1.23294	0.214706	0.649396	-1.53989	5.65926	9.79184	1.53798	1
cg26060536	0.0177312	0.534765	-1.86998	0.00211452	0.391386	-2.55502	0.60936	0.894163	-1.11836	0.00304944	0.414399	-2.41313	17.9431	13.3894	0.663305	1
cg03059896	0.00346756	0.356776	-2.80288	2.76E-05	0.117012	-8.54611	0.0301225	0.515596	-1.9395	0.0101937	0.431062	-2.31985	16.8005	17.9528	0.94986	1
cg01396034	0.870404	0.958984	-1.04277	0.550773	1.16746	1.16746	3.23E-05	7.9504	7.9504	0.4428	1.22228	1.22228	11.1161	11.5834	0.926256	1
cg21824902	0.333584	1.11253	1.11253	0.000190169	0.510413	-1.9592	0.284301	0.887874	-1.12629	0.0427116	1.2833	1.2833	10.231	1.85242	0.160942	1
cg16740167	0.97496	1.01484	1.01484	0.0729108	0.384777	-2.59891	0.438975	1.45005	1.45005	0.794555	0.884687	-1.13034	4.13792	14.1323	2.65636	1
cg11705470	?	?	?	?	?	?	0.133434	0.307093	-3.25634	0.00447446	0.0629999	-15.873	3.749	17.5454	7.48803	1
cg19635158	0.127147	0.579137	-1.72671	0.00170213	0.226786	-4.40945	0.16016	0.608455	-1.64351	0.114168	1.76642	1.76642	6.37227	11.0633	1.54325	1
cg15665653	0.0133545	0.664479	-1.50494	0.15656	1.22399	1.22399	0.161502	0.819213	-1.22068	0.00348649	1.69671	1.69671	5.68021	1.60027	0.250424	1
cg21495321	0.301482	1.23202	1.23202	0.00113527	0.393297	-2.54261	0.0146618	0.556741	-1.79617	0.0169968	0.567068	-1.76346	14.4101	8.66989	0.534802	1
cg07088351	0.0719792	1.40857	1.40857	0.0126155	0.589201	-1.69721	0.0573562	1.44294	1.44294	0.193857	0.790989	-1.26424	8.42582	3.88224	0.40956	1
cg14018100	0.848958	0.965059	-1.03621	0.701332	0.930637	-1.07453	0.311377	1.21577	1.21577	0.404665	1.1724	1.1724	4.97554	2.74217	0.489893	1
cg01000365	0.000436859	0.327529	-3.05317	0.857492	1.03676	1.03676	0.369474	0.831017	-1.20335	0.830984	1.04386	1.04386	4.66951	2.98286	0.567817	1
cg19197523	0.303511	1.361	1.361	0.379697	1.29774	1.29774	0.800323	0.929323	-1.07605	0.184785	1.50199	1.50199	3.63728	4.81845	1.17755	1
cg00194681	0.834628	0.950425	-1.05216	0.328843	0.782615	-1.27777	0.505673	0.848523	-1.17852	0.554442	1.15653	1.15653	3.52898	3.30624	0.832785	1
cg23412309	?	?	?	0.316162	0.505984	-1.97635	0.901679	1.08464	1.08464	0.0193914	0.155939	-6.41278	3.55079	21.6011	6.08345	1
cg26541003	0.0212925	1.96489	1.96489	0.176303	0.704112	-1.42023	0.682672	0.904559	-1.10551	0.315232	1.28842	1.28842	4.28247	4.03903	0.838359	1
cg06127316	0.0111629	0.209111	-4.78215	3.84E-05	0.0205743	-48.6043	0.00756821	0.184448	-5.42159	0.00877065	0.193508	-5.16774	13.1915	50.5772	3.40805	1
cg06136199	0.152961	0.384031	-2.60396	0.0017842	0.0620189	-16.1241	0.00706471	0.113393	-8.81887	0.0148905	0.153712	-6.50569	7.97227	43.8817	5.50429	1
cg25222252	0.367106	1.13737	1.13737	0.00607947	1.64485	1.64485	0.517577	0.912887	-1.09543	0.0107637	0.640729	-1.56072	5.16236	1.57802	0.271714	1
cg27268513	0.411156	1.08793	1.08793	0.00288602	0.663062	-1.50816	0.185655	1.15112	1.15112	0.0125216	1.36545	1.36545	5.01351	0.798448	0.141564	1
cg22776767	0.409118	0.900715	-1.11023	0.00120947	0.555991	-1.79859	0.401142	0.899029	-1.11231	0.0257605	1.38818	1.38818	4.54936	1.10537	0.215975	1
cg16139011	0.00711419	1.44035	1.44035	0.0251798	0.756226	-1.32236	0.532525	0.935805	-1.0686	0.565579	1.06285	1.06285	4.53906	0.791806	0.15506	1
cg08691479	0.242382	0.900921	-1.10997	4.97E-06	0.411644	-2.42928	0.30306	0.913042	-1.09524	0.00374069	1.39632	1.39632	16.7202	1.92577	0.102379	1
cg12976456	0.0372136	1.74665	1.74665	0.00130068	0.339581	-2.94481	0.381642	0.813091	-1.22987	0.92964	1.02057	1.02057	7.42529	6.25326	0.748585	1
cg18769555	0.0136076	0.206141	-4.85106	0.00507683	0.147157	-6.79547	0.828852	0.894049	-1.11851	0.0590184	0.331889	-3.01305	3.63517	15.4076	3.76753	1
cg26724194	0.603183	1.06518	1.06518	0.00237435	1.66562	1.66562	0.887856	0.983155	-1.01713	0.270607	0.871007	-1.1481	17.4864	4.01481	0.204086	1
cg07099991	0.277773	1.30049	1.30049	0.189071	1.38248	1.38248	0.398773	0.817827	-1.22275	0.873049	0.96346	-1.03793	11.8699	10.1873	0.762887	1
cg27154941	0.0104727	3.14202	3.14202	0.000241163	8.65722	8.65722	0.00589268	3.59762	3.59762	0.0127142	3.0048	3.0048	8.48184	16.9602	1.77741	1
cg07141055	0.797917	0.946222	-1.05683	0.0685315	0.644485	-1.55163	0.00909549	0.489668	-2.0422	0.369951	0.820073	-1.2194	7.80971	5.74103	0.653435	1
cg07001856	0.0160906	8.75611	8.75611	0.0003275	71.9446	71.9446	0.00334666	18.9401	18.9401	0.0138026	9.41249	9.41249	7.24373	62.257	7.63965	1
cg23865698	0.0326569	1.67365	1.67365	0.0728273	0.662146	-1.51024	0.799773	0.948987	-1.05376	0.242993	0.777477	-1.28621	6.24132	4.19531	0.597495	1
cg04268432	0.0189642	3.40357	3.40357	0.00279016	5.91153	5.91153	0.0190181	3.40093	3.40093	0.0371398	2.83835	2.83835	4.27152	12.5743	2.61666	1
cg02219997	0.944399	1.02258	1.02258	0.335386	0.727557	-1.37446	0.111737	0.574315	-1.7412	0.77871	1.09439	1.09439	4.03893	6.55749	1.44317	1
cg02741056	0.905782	1.01907	1.01907	0.0152334	0.621571	-1.60883	0.0719009	1.37789	1.37789	0.300054	1.1869	1.1869	3.99055	1.60881	0.358361	1
cg06664668	0.0925921	1.83582	1.83582	0.183619	0.629367	-1.5889	0.362718	0.735611	-1.35941	0.224955	1.51943	1.51943	3.89068	6.63846	1.51667	1
cg04470044	0.35714	0.729765	-1.3703	0.627803	0.85	-1.17647	0.0364872	2.24478	2.24478	0.600022	0.838611	-1.19245	3.76819	6.604	1.55783	1
cg09749922	0.0236947	1.48804	1.48804	0.00619356	1.69107	1.69107	0.411272	0.883685	-1.13163	0.615272	0.928134	-1.07743	3.74427	1.28452	0.304946	1
cg15547140	0.0255835	3.44398	3.44398	0.00398815	6.07639	6.07639	0.036128	3.11483	3.11483	0.0464384	2.89632	2.89632	3.62952	12.4951	3.06011	1
cg24337225	0.13775	0.429141	-2.33023	0.00724996	0.159845	-6.25608	0.482617	1.45891	1.45891	0.0242751	0.241394	-4.14261	3.75812	16.6745	3.94393	1
cg23609450	0.154644	0.579817	-1.72468	0.000316335	0.124	-8.06454	0.000124804	0.0914527	-10.9346	0.000146481	0.0965816	-10.3539	19.7824	40.1042	1.80201	1
cg11783356	0.388056	0.562017	-1.7793	0.00551005	0.0928793	-10.7667	0.0345369	0.200777	-4.98064	0.0390328	0.210984	-4.73969	4.82882	32.4457	5.9726	1
cg00690280	0.391561	0.761655	-1.31293	0.0228092	0.429553	-2.328	0.00188134	0.254886	-3.92332	0.00260842	0.274376	-3.64464	11.4621	17.4627	1.35424	1
cg22988566	0.377457	1.44504	1.44504	0.0328796	0.362592	-2.75792	0.00212817	0.172936	-5.7825	0.00446246	0.214018	-4.6725	8.77579	22.9672	2.32632	1
cg16206191	0.0116776	0.319194	-3.13289	0.00199316	0.205624	-4.86325	0.461882	1.31182	1.31182	0.00446003	0.252974	-3.95297	5.95465	12.3841	1.84865	1
cg19111238	0.100655	0.520805	-1.9201	0.00721618	0.28425	-3.51803	0.0113939	0.316936	-3.15521	0.0410918	0.425254	-2.35153	7.07418	14.7463	1.85292	1
cg25133753	0.921031	0.941347	-1.06231	0.00287632	0.0821594	-12.1715	0.0524913	0.260804	-3.83429	0.111689	0.347853	-2.87478	5.52982	32.5407	5.23075	1
cg25350792	0.233522	0.562409	-1.77806	0.00274022	0.148817	-6.71968	0.130455	0.471152	-2.12246	0.0575314	0.371687	-2.69044	4.58212	15.4076	2.98893	1
cg11223315	0.0230811	0.627994	-1.59237	0.00664919	1.82767	1.82767	0.0242715	1.58378	1.58378	0.297408	1.20318	1.20318	4.99286	2.31835	0.41274	1
cg18241647	0.252869	1.2003	1.2003	0.00195958	1.95264	1.95264	0.061022	0.724144	-1.38094	0.217089	1.21961	1.21961	4.93034	1.82491	0.329012	1
cg17890298	0.00144423	0.440089	-2.27227	5.07E-06	0.157166	-6.36271	0.349353	0.842206	-1.18736	0.000432424	0.370738	-2.69732	30.0763	15.1364	0.447349	1
cg26086948	0.00226599	1.8295	1.8295	0.000219829	2.38893	2.38893	0.000860913	2.02919	2.02919	0.0246926	0.68506	-1.45973	29.5768	9.36847	0.281556	1
cg00325113	0.162467	0.757237	-1.32059	0.984296	1.00368	1.00368	0.0672461	1.46585	1.46585	0.00986613	0.544392	-1.83691	16.6052	9.14479	0.489527	1
cg20299254	0.0373003	0.584509	-1.71084	0.000341222	0.277588	-3.60247	0.85249	0.95949	-1.04222	0.012043	0.498739	-2.00506	11.7732	9.2029	0.694828	1
cg21963535	0.0174515	6.22686	6.22686	0.000495266	31.3769	31.3769	0.00447677	10.9744	10.9744	0.0304223	4.99223	4.99223	6.66111	42.1399	5.62334	1
cg06385187	0.0148603	21.4236	21.4236	0.000877638	164.398	164.398	0.00246397	74.1929	74.1929	0.0268592	14.6098	14.6098	6.37183	105.568	14.7271	1
cg26348514	0.0215977	19.5262	19.5262	0.00195562	111.8	111.8	0.00544132	51.3808	51.3808	0.0219661	19.3033	19.3033	5.31466	97.6648	16.3347	1
cg23740882	0.0271408	12.2115	12.2115	0.0026313	53.7075	53.7075	0.00657697	29.2749	29.2749	0.0172598	16.0449	16.0449	4.95903	71.8986	12.8876	1
cg00700485	0.0188692	9.8123	9.8123	0.0025601	28.7525	28.7525	0.0132709	11.7514	11.7514	0.0923728	4.42495	4.42495	4.62958	47.269	9.07575	1
cg00980978	0.0750008	7.84391	7.84391	0.00781206	34.7102	34.7102	0.00682676	38.1008	38.1008	0.023321	16.7045	16.7045	4.35808	74.481	15.1914	1
cg12831086	0.190734	0.604987	-1.65293	0.441796	1.32908	1.32908	0.0281769	0.390566	-2.56039	0.045167	2.30159	2.30159	3.66057	7.6276	1.85219	1
cg14151783	0.0171236	14.8472	14.8472	0.00079131	110.805	110.805	0.00262674	47.7818	47.7818	0.0186568	14.1155	14.1155	6.6326	90.5473	12.135	1
cg03605692	1.51E-05	0.126505	-7.90483	0.000116653	0.210964	-4.74015	0.000250783	0.248547	-4.02339	0.000109131	0.20784	-4.81139	41.8465	35.2137	0.747997	1
cg07982740	0.898355	1.02134	1.02134	0.0042531	0.531501	-1.88147	0.0023538	0.496034	-2.01599	0.442266	0.878588	-1.13819	9.53216	4.12066	0.384258	1
cg25769883	0.0240981	1.68082	1.68082	7.17E-08	0.030743	-32.5278	0.0614606	1.50188	1.50188	0.0239031	0.594363	-1.68247	44.278	26.1337	0.524639	1
cg07085497	0.418406	1.23323	1.23323	2.37E-06	0.0544642	-18.3607	0.831545	0.947424	-1.05549	0.0693204	0.597402	-1.67392	19.4768	19.8281	0.904921	1
cg15419274	0.445993	0.880486	-1.13574	0.00193055	0.487241	-2.05237	0.949069	1.01052	1.01052	0.48938	0.891313	-1.12194	5.03526	2.14082	0.377925	1
cg01517033	0.0642586	0.353129	-2.83182	0.00310994	0.132014	-7.57495	0.619831	0.778513	-1.2845	0.0551557	0.336734	-2.9697	4.86203	19.3006	3.52858	1
cg23252815	0.195793	0.615762	-1.62401	0.0032623	0.241336	-4.1436	0.00911372	0.309053	-3.23569	0.0519224	0.456623	-2.18999	4.77329	9.49736	1.76861	1
cg03440066	0.553848	0.887359	-1.12694	0.736856	1.06962	1.06962	0.845441	0.961801	-1.03972	0.933816	1.01671	1.01671	3.96571	2.50124	0.560636	1
cg01905774	0.131614	1.29069	1.29069	0.023294	0.653727	-1.52969	0.817203	1.03697	1.03697	0.0701588	0.728047	-1.37354	3.69731	1.4393	0.346028	1
cg14780681	0.187567	0.718424	-1.39194	0.0197008	1.94836	1.94836	0.156346	0.698351	-1.43195	0.318705	0.783476	-1.27636	3.70954	2.92791	0.789293	1
cg17240987	0.0756106	0.325039	-3.07655	0.0212481	0.207321	-4.82344	0.322759	0.559691	-1.7867	0.0387091	0.256572	-3.89753	3.58928	18.3543	4.54546	1
cg24799514	0.153772	0.759473	-1.3167	0.158449	0.762148	-1.31208	0.558287	1.11255	1.11255	0.0197492	1.66067	1.66067	7.93603	4.07973	0.456958	1
cg07674238	0.000201925	0.390297	-2.56215	0.395923	1.14018	1.14018	0.000214063	0.393438	-2.5417	0.00157628	0.504156	-1.98351	32.2412	11.6268	0.320551	1
cg13253800	0.0804547	1.43291	1.43291	0.0390256	1.55767	1.55767	0.685678	0.927295	-1.07841	0.851058	1.03549	1.03549	5.97373	3.25613	0.484511	1
cg14288464	0.0782677	0.716848	-1.395	0.0659336	1.42062	1.42062	0.00457874	0.526035	-1.90101	0.859309	1.03065	1.03065	5.69404	2.61156	0.407687	1
cg10365312	0.510893	0.907307	-1.10216	0.00611058	1.68543	1.68543	0.065888	0.740066	-1.35123	0.80788	1.03618	1.03618	4.01648	1.35356	0.299557	1
cg19348676	0.0336854	1.91371	1.91371	0.00358158	2.80742	2.80742	0.169326	1.46683	1.46683	0.407065	1.24846	1.24846	3.67377	3.98347	0.963825	1
cg16932304	0.0900091	0.379666	-2.63389	5.18E-05	0.0197552	-50.6197	0.010785	0.190138	-5.25935	0.00252211	0.113766	-8.79	11.9029	50.6378	3.78155	1
cg14413533	0.00337741	0.160796	-6.21904	0.000527419	0.0840895	-11.8921	0.000729328	0.0949237	-10.5348	0.0275728	0.302837	-3.3021	8.52515	28.3807	2.95916	1
cg00636194	0.0420506	0.261533	-3.82361	0.000527844	0.0454375	-22.0082	0.00350928	0.103634	-9.6493	0.192638	0.454094	-2.20219	6.77818	31.2786	4.61461	1
cg13546223	0.515396	0.797603	-1.25376	0.00375817	0.261545	-3.82344	0.0651046	0.4916	-2.03418	0.138192	0.578507	-1.72859	6.081	11.3221	1.65501	1
cg05733285	0.0789446	0.209506	-4.77314	0.00422587	0.0464791	-21.515	0.165416	0.305632	-3.27191	0.0851378	0.217594	-4.59571	4.09513	41.6347	9.03723	1
cg12547930	0.0486959	0.185372	-5.39455	0.0423878	0.173795	-5.75389	0.344357	0.482335	-2.07325	0.0251644	0.136249	-7.3395	3.55794	31.5762	7.88874	1
cg19427399	0.365826	1.20712	1.20712	0.0037273	0.452197	-2.21142	0.00975628	0.515742	-1.93895	0.544081	0.883026	-1.13247	6.29794	4.09414	0.577846	1
cg20169185	0.00613146	0.518402	-1.92901	4.76E-06	0.146115	-6.84394	1.15E-06	0.0983684	-10.1659	2.49E-05	0.214498	-4.66205	44.8046	23.9483	0.475116	1
cg13209907	0.0126653	0.519548	-1.92475	6.84E-05	0.21463	-4.65919	0.000175196	0.260518	-3.8385	0.0124906	0.518565	-1.9284	15.3298	10.8403	0.628568	1
cg17133224	0.935367	0.979025	-1.02142	0.000133194	0.177087	-5.64693	0.987234	1.00419	1.00419	0.00567268	0.38734	-2.58171	14.7372	15.9443	0.961697	1
cg12740857	0.473697	0.747186	-1.33835	0.000568129	0.118208	-8.45964	0.000656856	0.123946	-8.06801	0.000545382	0.116627	-8.57434	13.8724	35.145	2.25196	1
cg15638170	0.298427	0.584825	-1.70991	0.0210278	0.251198	-3.98093	0.0018792	0.11147	-8.97099	0.0179727	0.239082	-4.18267	6.40399	25.1251	3.48742	1
cg24338003	0.0205726	0.275518	-3.62953	0.0128846	0.240043	-4.16592	0.00390304	0.166054	-6.02215	0.0107242	0.227219	-4.40104	6.04361	20.4411	3.00646	1
cg05300942	0.0991557	0.481606	-2.07639	0.0014957	0.157183	-6.362	0.158322	0.543596	-1.8396	0.414091	0.713589	-1.40137	4.14584	10.7263	2.29978	1
cg12061127	0.857474	0.933017	-1.07179	0.014118	0.310922	-3.21625	0.023726	0.353028	-2.83263	0.0132501	0.306073	-3.2672	3.74169	8.81455	2.09402	1
cg06520088	0.775071	1.05306	1.05306	0.473568	1.14059	1.14059	0.229101	1.2558	1.2558	0.425596	0.863437	-1.15816	11.5106	5.93757	0.458519	1
cg19227170	0.00121977	3.45042	3.45042	0.0098849	2.34673	2.34673	0.0459508	1.81958	1.81958	0.0288471	1.96292	1.96292	7.7053	8.35688	0.964056	1
cg08933790	0.00170929	0.268232	-3.72812	0.962551	0.986298	-1.01389	0.914045	1.03224	1.03224	0.655802	0.876498	-1.1409	3.66644	5.01379	1.21554	1
cg05113958	0.412726	0.883112	-1.13236	0.00540942	1.72186	1.72186	0.134239	0.786862	-1.27087	0.502918	0.904013	-1.10618	7.09819	2.47676	0.310159	1
cg17203352	0.813378	0.914185	-1.09387	0.205386	1.66012	1.66012	0.0168136	0.330596	-3.02484	0.237598	1.59902	1.59902	6.89696	15.7233	2.02644	1
cg14074284	0.0459764	1.87463	1.87463	0.816404	1.06599	1.06599	0.0322726	0.502138	-1.99149	0.0807248	1.70261	1.70261	6.33453	7.57368	1.06277	1
cg25420614	0.232523	0.512842	-1.94992	0.0715826	0.341935	-2.92454	0.00158633	0.0890697	-11.2272	0.934436	0.957064	-1.04486	6.02176	27.1333	4.00522	1
cg26202853	0.244496	1.45196	1.45196	0.362124	1.3323	1.3323	0.000862894	0.216095	-4.6276	0.426673	1.28222	1.28222	5.78297	8.59218	1.32069	1
cg10690919	0.433957	0.595702	-1.67869	0.480138	1.59313	1.59313	0.0987509	0.308961	-3.23666	0.133457	2.85831	2.85831	5.01549	33.4391	5.92638	1
cg00463502	0.834029	1.07299	1.07299	0.285806	1.4509	1.4509	0.0600108	0.490492	-2.03877	0.303383	1.43034	1.43034	4.27262	7.62787	1.58692	1
cg14116509	0.200255	0.393777	-2.53951	0.0265751	0.163552	-6.11426	0.00596487	0.0840582	-11.8965	0.344486	0.511336	-1.95566	4.0325	30.3027	6.67966	1
cg00003625	0.693968	0.808558	-1.23677	0.255832	1.89158	1.89158	0.0990739	0.378454	-2.64233	0.120149	2.47427	2.47427	3.83312	17.5298	4.06511	1
cg11280756	0.399554	1.33087	1.33087	0.0370895	0.4483	-2.23065	0.932284	1.02857	1.02857	0.36706	0.735567	-1.3595	3.66303	6.37307	1.54652	1
cg18172830	0.0207283	1.38465	1.38465	0.00635373	0.660237	-1.51461	0.17951	0.846524	-1.1813	0.430232	1.09866	1.09866	3.64367	0.788154	0.192273	1
cg07168556	0.32377	0.575046	-1.73899	0.993907	0.995863	-1.00415	0.0681742	0.329941	-3.03085	0.378846	1.63261	1.63261	3.38879	15.8207	4.1498	1
cg26958924	0.914652	1.01657	1.01657	0.00824066	1.67879	1.67879	0.517216	0.904233	-1.10591	0.0763697	0.73915	-1.35291	17.7885	6.62176	0.330888	1
cg17662872	0.098701	0.674941	-1.48161	4.61E-05	0.188062	-5.31741	0.0066089	0.465059	-2.15027	0.0454147	0.607586	-1.64586	17.6613	13.187	0.663699	1
cg09577083	0.0210847	0.53078	-1.88402	0.200797	0.73453	-1.36142	0.360331	0.806758	-1.23953	0.148189	0.701751	-1.42501	14.103	11.6455	0.733994	1
cg06886789	0.111811	0.716929	-1.39484	0.0146481	1.78167	1.78167	0.0182524	1.73432	1.73432	0.844507	0.962968	-1.03846	10.2272	5.98171	0.519894	1
cg23684507	0.0226078	0.624707	-1.60075	0.617138	1.08818	1.08818	0.00101158	0.418078	-2.3919	0.880272	1.02556	1.02556	7.3076	3.17693	0.338134	1
cg16417416	0.102272	0.732573	-1.36505	0.0169187	0.602284	-1.66035	0.825244	1.03924	1.03924	0.0225468	0.62163	-1.60867	4.89554	2.34825	0.426374	1
cg25311466	0.10371	0.397264	-2.51722	0.0278512	0.25962	-3.85179	0.0231301	0.244396	-4.09171	0.0894186	0.378469	-2.64222	4.67982	19.9507	3.78946	1
cg02568902	0.480718	1.13959	1.13959	0.0557208	1.48467	1.48467	0.795599	0.953777	-1.04846	0.00241731	0.462951	-2.16006	4.18295	2.20173	0.467873	1
cg00701064	0.0360033	1.50019	1.50019	0.224654	1.23626	1.23626	0.524831	1.11311	1.11311	0.087296	0.730578	-1.36878	3.81315	1.66991	0.389274	1
cg12788866	0.00854498	0.327769	-3.05093	0.912419	0.964085	-1.03725	0.769318	1.1027	1.1027	0.137749	0.587813	-1.70122	3.71991	6.51114	1.55587	1
cg06079509	0.313584	1.42443	1.42443	0.538658	1.23528	1.23528	0.702445	0.877847	-1.13915	0.0178783	0.376439	-2.65647	3.6869	6.72738	1.62193	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25554036	WFS1;WFS1	0.0498976	0.290415	0.790897	-1.26439	0.310307	1.25165	1.25165	0.861734	1.03798	1.03798	0.00430444	2.26187	2.26187	0.462322	0.852164	-1.17348
cg09785172	WFS1;WFS1;WFS1;WFS1	0.0373676	0.211103	0.807808	-1.23792	0.231982	1.22515	1.22515	0.0605041	1.40898	1.40898	0.047907	0.693254	-1.44247	0.651919	0.929081	-1.07633
cg04789687	WHAMM	0.000304834	0.129597	0.861522	-1.16074	0.426106	0.928695	-1.07678	0.0231873	1.28025	1.28025	0.603158	1.0489	1.0489	1.31E-05	0.434984	-2.29893
cg10025586	WHAMM	0.000631828	0.000341218	0.281535	-3.55196	0.658781	0.906973	-1.10257	0.0011123	0.348044	-2.8732	0.00120394	0.352732	-2.83501	0.0143136	0.515005	-1.94173
cg15558558	WHAMM	0.0075473	0.0209203	0.316332	-3.16123	0.000750329	0.120305	-8.31221	0.107118	0.482644	-2.07192	0.689692	0.846855	-1.18084	0.011003	0.266822	-3.74781
cg17448023	WHAMM	0.00821592	0.0724519	0.814596	-1.2276	0.00201362	1.59011	1.59011	0.0145728	1.36733	1.36733	0.0298442	0.768145	-1.30184	0.538293	1.06479	1.06479
cg17463698	WHAMM	0.0105825	0.00899831	0.189024	-5.29035	0.000879458	0.0819757	-12.1987	0.027079	0.269137	-3.71558	0.0702927	0.362467	-2.75887	0.0525039	0.330934	-3.02175
cg19587654	WHAMM	0.0197023	0.0278469	0.49924	-2.00304	0.582262	1.16006	1.16006	0.465855	0.820097	-1.21937	0.513468	0.837695	-1.19375	0.604371	0.869628	-1.14992
cg00225006	WHAMM	0.0198302	0.172279	0.379566	-2.63459	0.0201814	0.154411	-6.47621	0.0960576	0.295612	-3.38282	0.274244	0.468325	-2.13527	0.0124842	0.12587	-7.94471
cg21386933	WHAMM	0.0211137	0.36528	0.62465	-1.6009	0.0104273	0.195672	-5.1106	0.041849	0.305283	-3.27565	0.47038	0.689716	-1.44987	0.00434869	0.145513	-6.87225
cg08007378	WHAMM	0.0381813	0.0703785	0.344493	-2.90282	0.0244206	0.243421	-4.10811	0.0736132	0.349618	-2.86026	0.934383	0.95754	-1.04434	0.0260822	0.248774	-4.01972
cg01363334	WHAMM	0.0444347	0.18387	0.595432	-1.67945	0.00716563	0.278921	-3.58524	0.0341501	0.402893	-2.48205	0.33517	0.69385	-1.44123	0.919669	1.03779	1.03779
cg25344144	WHAMML1	0.000254399	0.0139891	0.510226	-1.95992	0.000431127	0.290909	-3.4375	0.000809389	0.326186	-3.06573	0.0388781	0.588484	-1.69928	0.000126183	0.227638	-4.39293

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25554036	0.360158	1.2228	1.2228	0.0724054	0.651394	-1.53517	0.135985	0.70928	-1.40988	0.338339	1.23494	1.23494	3.39077	2.45492	0.643556	1
cg09785172	0.671191	0.933167	-1.07162	0.0130357	0.607153	-1.64703	0.104776	1.33267	1.33267	0.120249	1.31392	1.31392	3.77622	1.56938	0.369417	1
cg04789687	0.0410872	0.806909	-1.2393	0.00458901	0.709305	-1.40983	0.00440932	1.41336	1.41336	0.335107	1.0947	1.0947	16.3783	2.14925	0.116645	1
cg10025586	0.050949	0.613541	-1.62988	0.000693321	0.320657	-3.1186	0.0871723	1.51433	1.51433	0.000711721	0.322148	-3.10417	13.3893	10.2368	0.6796	1
cg15558558	0.0784181	0.444992	-2.24723	0.00324584	0.189645	-5.273	0.00853344	0.249064	-4.01503	0.0580574	0.41178	-2.42848	6.46127	17.5539	2.41492	1
cg17448023	0.263246	0.888658	-1.12529	0.848544	1.01942	1.01942	0.545342	0.940198	-1.06361	0.0105513	1.39897	1.39897	7.19257	1.12782	0.121959	1
cg17463698	0.0579553	0.341278	-2.93016	0.00548203	0.160133	-6.24481	0.449018	0.679118	-1.4725	0.0271789	0.269448	-3.71129	5.80432	23.1269	3.54172	1
cg19587654	0.000405526	0.22265	-4.49136	0.272805	0.737104	-1.35666	0.490588	1.20579	1.20579	0.885404	0.962193	-1.03929	4.72858	5.3488	1.00548	1
cg00225006	0.0960364	0.295584	-3.38313	0.00148372	0.0470444	-21.2565	0.0102107	0.115387	-8.66651	0.113486	0.317149	-3.15309	4.7182	33.2246	6.25937	1
cg21386933	0.0949452	0.39524	-2.53011	0.00468967	0.149384	-6.69415	0.025546	0.261271	-3.82745	0.0750437	0.366837	-2.72601	4.6185	18.7174	3.60241	1
cg08007378	0.373143	0.617707	-1.61889	0.00390038	0.129068	-7.74786	0.0265827	0.250339	-3.99458	0.197886	0.488165	-2.04849	3.7466	16.4743	3.90857	1
cg01363334	0.360123	1.4134	1.4134	0.0597586	2.18414	2.18414	0.5918	1.22026	1.22026	0.164982	0.580007	-1.72412	3.54224	7.58723	1.90394	1
cg25344144	5.75E-05	0.191171	-5.23092	0.000154645	0.237593	-4.20889	0.0232883	0.548167	-1.82426	0.00820768	0.472445	-2.11665	17.208	13.3978	0.692073	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26173562	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.00451989	0.785814	0.960613	-1.041	6.80E-05	0.341256	-2.93035	0.333416	0.863134	-1.15857	0.194398	1.22449	1.22449	0.683373	0.941298	-1.06236
cg27298603	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.00459886	0.0339601	0.573713	-1.74303	0.00113599	0.341454	-2.92865	0.0081341	0.467476	-2.13915	0.22122	0.749294	-1.33459	0.0375644	0.581854	-1.71864
cg06112732	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0059137	0.755715	1.04483	1.04483	0.701286	1.05566	1.05566	0.000387963	0.45149	-2.21489	0.059136	1.34911	1.34911	0.0259879	0.689792	-1.44971
cg01134459	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.00845466	0.289788	0.637143	-1.56951	0.421753	1.40031	1.40031	0.00686193	0.237816	-4.20494	0.939936	0.969556	-1.0314	0.000926095	0.131433	-7.60842
cg05639533	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0111953	0.00943123	0.416077	-2.4034	0.0884901	0.606034	-1.65007	0.00121011	0.282843	-3.53553	0.0786443	0.594218	-1.68288	0.0076294	0.400861	-2.49463
cg23562222	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0180172	0.0832974	0.568987	-1.75751	0.0803969	0.565287	-1.76901	0.0183088	0.43078	-2.32137	0.00365953	3.17699	3.17699	0.480776	0.809941	-1.23466
cg25787131	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0188685	0.283947	0.828419	-1.20712	0.00286879	0.499768	-2.00093	0.00469205	1.88797	1.88797	0.853661	1.03172	1.03172	0.133747	0.760724	-1.31454
cg13279019	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0281418	0.106364	0.399498	-2.50314	0.722981	1.20346	1.20346	0.0435789	0.298969	-3.34483	0.156938	0.45488	-2.19838	0.00189933	0.1013	-9.87165
cg00731395	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0358771	0.301826	1.23454	1.23454	0.0267148	0.596254	-1.67714	0.0337219	0.613581	-1.62978	0.129058	1.38135	1.38135	0.391431	0.84118	-1.18881
cg00703902	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0373377	0.133091	1.76771	1.76771	0.0618241	0.477401	-2.09468	0.0564619	0.46803	-2.13662	0.73408	1.12735	1.12735	0.0160681	0.354943	-2.81736
cg27021327	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0378543	0.122982	0.772172	-1.29505	0.373849	0.868282	-1.1517	0.0169358	0.637198	-1.56937	0.0293543	0.672283	-1.48747	0.325035	0.854498	-1.17028
cg08310400	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0405371	0.746102	0.938048	-1.06604	0.0838808	0.686223	-1.45725	0.00169207	0.41352	-2.41827	0.14818	0.736863	-1.3571	0.674622	1.08667	1.08667
cg09085524	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0413742	0.142923	0.508484	-1.96663	0.00796969	0.232002	-4.3103	0.156802	0.521787	-1.91649	0.578788	0.785936	-1.27237	0.00365077	0.184732	-5.41324
cg24872838	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.042034	0.24998	0.728879	-1.37197	0.00773858	0.406624	-2.45927	0.0194534	0.47564	-2.10243	0.641187	1.13141	1.13141	0.026723	0.501303	-1.9948
cg09305948	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0199446	0.0322555	0.358079	-2.79268	0.00789501	0.247681	-4.03745	0.035957	0.36814	-2.71635	0.468574	1.3526	1.3526	0.027227	0.342887	-2.91641
cg00761242	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0199958	0.15439	0.545214	-1.83414	0.000631519	0.123708	-8.08355	0.177798	0.565647	-1.76789	0.206322	1.69957	1.69957	0.146805	0.538167	-1.85816
cg00987699	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	3.18E-06	0.591453	1.09805	1.09805	0.206473	0.7945	-1.25865	0.0227559	1.60098	1.60098	3.08E-08	32.0743	32.0743	0.00233462	0.480147	-2.0827
cg25152058	WISP1;WISP1	0.000611747	1.51E-05	0.188188	-5.31382	0.00585371	0.51065	-1.95829	0.00078801	0.388581	-2.57347	0.860896	1.03322	1.03322	0.237652	0.794174	-1.25917
cg17667625	WISP1;WISP1	0.000650452	0.268216	0.852717	-1.17272	0.000222383	2.33801	2.33801	0.00155995	0.533594	-1.87408	0.0331639	0.708899	-1.41064	0.367963	0.880064	-1.13628
cg11738710	WISP1;WISP1	0.00103136	0.00101631	0.460641	-2.17089	0.227328	1.22333	1.22333	0.000173329	0.362757	-2.75666	0.0800408	0.734255	-1.36192	0.948785	1.01027	1.01027
cg04421974	WISP1;WISP1	0.00286933	0.0140636	1.65016	1.65016	0.000758321	2.32428	2.32428	0.948327	0.989349	-1.01077	0.768948	1.04987	1.04987	0.428297	0.87493	-1.14295
cg04683149	WISP1;WISP1	0.0292104	0.0399772	0.389151	-2.5697	0.646969	0.832503	-1.2012	0.0897792	0.475443	-2.1033	0.0268752	0.352677	-2.83546	0.00291769	0.196739	-5.08288
cg21425802	WISP2	0.0129261	0.151807	1.41059	1.41059	0.0398755	1.70273	1.70273	0.0117857	0.49426	-2.02322	0.0469182	1.66462	1.66462	0.361433	0.810436	-1.2339
cg03562120	WISP2;WISP2	0.0188134	0.443167	0.700952	-1.42663	0.513958	1.35093	1.35093	0.00401266	0.172583	-5.79431	0.0103939	0.230737	-4.33394	0.015606	0.259919	-3.84736
cg19804071	WISP3;WISP3	1.69E-06	0.0293374	0.735877	-1.35892	0.587962	0.936728	-1.06755	2.24E-05	0.362056	-2.762	9.08E-06	0.317366	-3.15094	6.22E-07	0.195331	-5.11951
cg26528298	WISP3;WISP3	8.21E-06	0.883906	1.01539	1.01539	0.356008	0.905506	-1.10435	0.000225138	0.52647	-1.89944	0.906097	1.01241	1.01241	2.45E-05	0.415714	-2.4055
cg17952446	WISP3;WISP3	0.0035994	0.521741	0.917722	-1.08965	0.00020922	0.440367	-2.27083	0.0114148	0.657948	-1.51988	0.0976384	1.27164	1.27164	0.105977	0.791788	-1.26296
cg20985014	WISP3;WISP3	0.00872635	0.0139184	0.661856	-1.5109	0.0847219	1.29563	1.29563	0.0632289	1.32817	1.32817	0.870462	1.02242	1.02242	0.780466	1.03868	1.03868
cg09978583	WISP3;WISP3	0.0260575	0.0158937	0.224209	-4.46012	0.204312	0.507535	-1.97031	0.0287332	0.270881	-3.69165	0.260317	0.551877	-1.812	0.00297027	0.126929	-7.87843
cg17694848	WISP3;WISP3	0.0366213	0.30631	1.46136	1.46136	0.843281	1.07347	1.07347	0.154012	0.578905	-1.7274	0.00547675	0.270278	-3.6999	0.0210807	0.370227	-2.70104
cg10525372	WISP3;WISP3;WISP3	0.00346799	0.738725	0.935529	-1.06891	0.865789	1.03425	1.03425	0.00350497	0.454551	-2.19997	0.991605	1.0021	1.0021	0.000807855	0.365594	-2.73527
cg07709205	WISP3;WISP3;WISP3	0.0167323	0.6639	0.875344	-1.14241	0.980976	0.992766	-1.00729	0.00837221	0.358494	-2.78945	0.127967	0.605853	-1.65057	0.00101464	0.226621	-4.41266
cg21773633	WISP3;WISP3;WISP3	0.0275425	0.0543443	0.693459	-1.44205	0.24832	0.816818	-1.22426	0.728944	0.943342	-1.06006	0.862799	1.02943	1.02943	0.00702572	0.557482	-1.79378
cg27259320	WIT1	2.17E-07	0.0422408	0.780871	-1.28062	0.126908	1.19068	1.19068	0.805295	1.02645	1.02645	0.0316989	1.30503	1.30503	0.259245	0.883007	-1.13249
cg09711746	WIT1	2.12E-05	0.00854769	1.48115	1.48115	0.00871907	0.676185	-1.47889	0.0572533	1.28638	1.28638	0.736709	1.0403	1.0403	0.0132561	0.69811	-1.43244
cg05022105	WIT1	2.66E-05	0.244763	1.2882	1.2882	0.184672	1.3402	1.3402	0.348631	0.818057	-1.22241	0.000308938	3.38258	3.38258	0.186893	0.747387	-1.33799
cg12766736	WIT1	0.000135171	0.945598	0.986781	-1.0134	0.549353	0.888578	-1.12539	0.0122994	1.83668	1.83668	0.608958	1.10585	1.10585	0.60767	0.903952	-1.10625
cg07281879	WIT1	0.000561492	0.53888	1.29877	1.29877	0.0299045	2.92543	2.92543	0.38136	1.45827	1.45827	3.15E-05	30.2047	30.2047	0.720895	1.16269	1.16269
cg04131898	WIT1	0.000871387	0.159738	0.766	-1.30548	0.153258	1.31175	1.31175	0.0640469	1.44671	1.44671	0.00410827	1.97999	1.97999	0.0166615	0.595298	-1.67983
cg06845853	WIT1	0.00122546	0.0506597	0.708424	-1.41158	0.527166	1.10426	1.10426	0.0533389	1.40461	1.40461	0.212456	0.816048	-1.22542	0.10279	0.758586	-1.31824
cg27234067	WIT1	0.00131457	0.34934	0.743303	-1.34535	0.735571	1.11002	1.11002	0.919543	1.0316	1.0316	0.371307	0.753773	-1.32666	0.131339	0.605569	-1.65134
cg25247290	WIT1	0.00148059	0.293558	1.44886	1.44886	0.126698	1.75451	1.75451	0.406759	1.33484	1.33484	0.223619	1.54513	1.54513	0.779501	0.908906	-1.10022
cg16294566	WIT1	0.00157775	0.816892	1.06849	1.06849	0.697273	0.894353	-1.11813	0.0253744	2.13626	2.13626	7.52E-05	7.78788	7.78788	0.101803	0.599555	-1.6679
cg24286165	WIT1	0.00293799	0.852919	0.946983	-1.05599	0.0169022	2.35215	2.35215	0.108696	1.6712	1.6712	0.0562224	0.530119	-1.88637	0.00232692	0.287064	-3.48355
cg03052301	WIT1	0.00577546	0.942731	0.987738	-1.01241	0.00380081	0.511521	-1.95495	0.00070334	0.411895	-2.4278	0.898118	1.02224	1.02224	0.230386	0.80567	-1.2412
cg25577842	WIT1	0.0161184	0.253165	1.2587	1.2587	0.210897	1.28934	1.28934	0.221701	1.28097	1.28097	0.471471	1.15167	1.15167	0.955466	1.01082	1.01082
cg19718882	WIT1	0.0212895	0.0919744	4.99401	4.99401	0.056996	6.47011	6.47011	0.289814	2.59217	2.59217	0.482626	0.538681	-1.85639	0.101623	4.72913	4.72913
cg12600018	WIT1;WT1;WT1;WT1;WT1	0.000425857	0.407046	0.885339	-1.12951	0.532032	1.09515	1.09515	5.67E-05	2.92567	2.92567	0.224595	1.20102	1.20102	0.795335	0.963363	-1.03803
cg22975913	WIT1;WT1;WT1;WT1;WT1	0.0118967	0.00326801	3.86646	3.86646	0.175609	1.62541	1.62541	0.051282	2.11394	2.11394	0.591138	0.832847	-1.2007	0.340583	0.718022	-1.39271
cg05256688	WIZ	8.47E-05	0.395702	0.897191	-1.11459	1.63E-05	0.330561	-3.02516	8.77E-06	0.300125	-3.33194	0.913535	0.986544	-1.01364	0.501103	1.0889	1.0889
cg00134028	WIZ	0.000284353	5.88E-05	0.292475	-3.41909	0.329869	0.846905	-1.18077	0.0332011	1.50894	1.50894	0.00447587	0.534514	-1.87086	0.0600161	1.41993	1.41993
cg25661142	WIZ	0.000676116	0.00343845	0.572807	-1.74579	0.00131144	0.518983	-1.92685	0.0706648	0.753334	-1.32743	0.347376	1.14531	1.14531	0.000959537	0.501735	-1.99308
cg26003119	WIZ	0.00165407	0.000314239	0.370224	-2.70107	0.440569	0.874756	-1.14318	0.0100078	0.5751	-1.73883	0.0403964	0.668451	-1.496	0.00135997	0.453349	-2.2058
cg06484340	WIZ	0.00504136	0.374602	0.929266	-1.07612	0.108758	0.868655	-1.1512	0.268461	0.911392	-1.09722	0.941328	0.994092	-1.00594	0.0118098	0.776401	-1.28799
cg23274381	WIZ	0.00563987	0.0274465	0.53793	-1.85898	0.0040182	0.399023	-2.50612	0.116752	0.666914	-1.49944	0.487832	0.84574	-1.1824	0.00279801	0.375598	-2.66242
cg16672557	WIZ	0.00654884	0.0418127	0.699579	-1.42943	0.421919	0.882559	-1.13307	0.488961	1.11299	1.11299	0.249181	1.20131	1.20131	0.00565958	0.575306	-1.73821
cg17296483	WIZ	0.00877938	0.173868	0.551282	-1.81395	0.0194915	0.312781	-3.19712	0.0106874	0.266921	-3.74642	0.842581	0.921416	-1.08529	0.0137895	0.285644	-3.50087
cg08269119	WIZ;MIR1470	0.0116257	0.253606	1.23479	1.23479	0.208553	1.2643	1.2643	0.357559	0.845884	-1.1822	0.0608818	0.688159	-1.45315	0.00331446	0.492873	-2.02892
cg12224165	WIZ;MIR1470	0.0256592	0.523365	1.26158	1.26158	0.0387316	0.423173	-2.3631	0.79476	0.910593	-1.09819	0.0400925	0.426449	-2.34495	0.149544	0.573987	-1.7422
cg20702935	WIZ;MIR1470	0.0267438	0.318359	0.895983	-1.11609	0.0573325	0.795347	-1.25731	0.440426	0.919626	-1.0874	0.61149	1.05607	1.05607	0.86895	0.982568	-1.01774
cg27569742	WIZ;MIR1470	0.0393076	0.457713	0.918765	-1.08842	0.0440737	0.771683	-1.29587	0.439974	0.915545	-1.09225	0.425026	0.912771	-1.09556	0.00429225	0.651874	-1.53404
cg03361665	WIZ;WIZ	0.00165964	?	?	?	0.74879	0.92472	-1.08141	0.106451	1.60583	1.60583	0.562612	1.15467	1.15467	0.207079	0.709631	-1.40918
cg05615230	WNK1	0.00129631	0.0274684	0.58327	-1.71447	0.000100725	4.1583	4.1583	0.0374097	1.64754	1.64754	0.00334973	0.438126	-2.28245	0.080352	1.4933	1.4933
cg06081750	WNK1	0.0107621	0.96773	0.989067	-1.01105	0.145994	0.654342	-1.52825	0.0526311	0.549525	-1.81975	0.612016	1.14911	1.14911	0.983443	1.00565	1.00565
cg09510874	WNK1	0.0188974	0.0165442	0.72804	-1.37355	0.108329	1.20914	1.20914	0.12929	1.19446	1.19446	0.314642	1.11933	1.11933	0.131836	1.19284	1.19284
ch.12.26197F	WNK1	0.0452939	0.122477	0.362033	-2.76218	0.0401863	0.237119	-4.21729	0.273702	0.500838	-1.99665	0.00150907	0.0623441	-16.04	?	?	?
cg02275004	WNK1;HSN2	0.03602	0.0879505	0.656694	-1.52278	0.0337	0.574712	-1.74	0.0156408	0.515923	-1.93827	0.227858	0.753764	-1.32668	0.9509	1.01385	1.01385
cg14087401	WNK2	2.49E-05	5.54E-06	0.341518	-2.9281	0.00418165	0.669086	-1.49458	0.395599	0.912922	-1.09538	0.173499	1.16375	1.16375	2.13E-05	0.408127	-2.45022
cg21167135	WNK2	0.000245799	4.00E-05	0.205662	-4.86234	0.0886771	0.684922	-1.46002	0.000170132	0.27574	-3.6266	0.0429449	0.62535	-1.59911	0.012029	0.531959	-1.87985
cg14101038	WNK2	0.0023339	0.0499909	0.672308	-1.48741	0.104809	0.729875	-1.3701	0.192719	1.27747	1.27747	0.00430321	0.507565	-1.97019	0.000471643	0.376893	-2.65328
cg14592895	WNK2	0.00696042	0.0230832	0.583745	-1.71308	0.0011601	2.57354	2.57354	0.682665	1.08485	1.08485	0.312995	0.813214	-1.22969	0.00999639	0.524993	-1.90479
cg21238833	WNK2	0.00860603	0.639558	1.12344	1.12344	0.528316	0.854149	-1.17076	0.0667764	0.602204	-1.66057	0.145218	1.47108	1.47108	0.00198764	0.340415	-2.93759
cg20616414	WNK2	0.0127311	0.0315926	29.2715	29.2715	0.739956	1.56241	1.56241	0.0263069	34.1206	34.1206	0.0675677	15.5409	15.5409	0.411959	0.325036	-3.07658
cg10272601	WNK2	0.0145127	0.0326159	98.384	98.384	0.768143	0.581293	-1.7203	0.0433968	71.0168	71.0168	0.0552116	53.9758	53.9758	0.195326	0.0809913	-12.347
cg00806319	WNK2	0.0229773	0.0317457	0.321414	-3.11125	0.644351	1.23316	1.23316	0.329662	0.635368	-1.57389	0.86499	1.07974	1.07974	0.00935606	0.226302	-4.41888
cg13717394	WNK2	0.0281235	0.578547	0.82806	-1.20764	0.76013	1.10845	1.10845	0.402974	1.33344	1.33344	0.584466	0.83054	-1.20404	0.000468069	0.157376	-6.35421
cg13481840	WNK2	0.0283757	0.196202	0.686432	-1.45681	0.70581	1.11005	1.11005	0.0626162	0.561672	-1.7804	0.78593	0.927791	-1.07783	0.000528747	0.226243	-4.42002
cg14240393	WNK2	0.0293926	0.665552	1.10799	1.10799	0.786467	0.937982	-1.06612	0.000766602	0.300721	-3.32535	0.791362	0.939399	-1.06451	0.0293847	0.546092	-1.83119
cg01727513	WNK2	0.0309378	0.0026107	0.307978	-3.24699	0.0302939	0.487036	-2.05323	0.557138	1.18262	1.18262	0.0886177	0.588236	-1.7	0.0501397	0.532117	-1.87929
cg21241814	WNK2	0.0309718	0.0906304	0.453181	-2.20662	0.140739	1.95946	1.95946	0.131352	0.500811	-1.99676	0.828605	0.912065	-1.09641	0.00106868	0.128417	-7.78714
cg13707760	WNK2	0.0328997	0.214743	0.534579	-1.87063	0.497198	0.719871	-1.38914	0.492236	0.717042	-1.39462	0.403982	0.66518	-1.50335	0.00074119	0.0732961	-13.6433
cg13497926	WNK2	0.0416386	0.0801989	0.514029	-1.94542	0.046528	2.18505	2.18505	0.0175267	0.371127	-2.69449	0.0695649	0.498613	-2.00556	0.0365238	0.43465	-2.3007
cg13970259	WNK2	0.043403	0.605121	0.936082	-1.06828	0.154039	1.21318	1.21318	0.0704014	0.774069	-1.29187	0.806209	1.03161	1.03161	0.0821311	0.783562	-1.27622
cg20274188	WNK3;WNK3	0.0420471	0.577788	1.24486	1.24486	0.0349239	0.383873	-2.60503	0.018497	0.32865	-3.04275	0.695802	0.858083	-1.16539	0.00862082	0.271261	-3.68648
cg06795963	WNK4	0.000717874	0.183995	1.36191	1.36191	0.538171	1.14637	1.14637	0.0143695	1.93746	1.93746	0.0382254	1.69283	1.69283	0.00320802	0.414119	-2.41476
cg24519441	WNK4	0.00133794	0.717822	1.04337	1.04337	0.125625	1.214	1.214	0.579741	0.936652	-1.06763	0.545045	1.07429	1.07429	0.00176867	0.593936	-1.68368
cg03777083	WNK4	0.00236303	0.00865072	0.541375	-1.84715	0.00422142	2.01841	2.01841	0.121515	1.36037	1.36037	0.994125	1.00135	1.00135	0.00290758	0.472263	-2.11746
cg16695758	WNK4	0.00338789	0.06217	3.14251	3.14251	0.000534542	18.8936	18.8936	0.00601619	7.0797	7.0797	0.181453	2.16753	2.16753	0.196817	0.475147	-2.10461
cg02441618	WNK4	0.0116888	0.00458839	4.42041	4.42041	0.00528369	4.25568	4.25568	0.045764	2.46444	2.46444	0.013188	3.3544	3.3544	0.295449	0.652247	-1.53316
cg05614735	WNK4	0.0168905	0.0169116	10.9325	10.9325	0.00490668	21.3222	21.3222	0.0623511	5.59621	5.59621	0.0526543	6.10014	6.10014	0.0109637	13.7409	13.7409
cg03294458	WNK4	0.0189407	0.0420786	3.55045	3.55045	0.0293316	4.00935	4.00935	0.114702	2.52953	2.52953	0.112224	2.5486	2.5486	0.0145264	5.09757	5.09757
cg20653128	WNK4	0.0262672	0.0431596	3.4051	3.4051	0.0729657	2.86725	2.86725	0.0643006	2.9887	2.9887	0.0541264	3.16207	3.16207	0.128379	0.420785	-2.37651
cg16265599	WNK4	0.0264873	0.0269301	3.79193	3.79193	0.867068	1.08895	1.08895	0.155371	2.16709	2.16709	0.140921	2.23795	2.23795	0.0326108	0.280251	-3.56823
cg08409113	WNK4	0.0286285	0.0165698	26.3504	26.3504	0.00971669	38.7173	38.7173	0.0366281	15.0968	15.0968	0.0925492	7.91843	7.91843	0.00988745	38.2275	38.2275
cg18963509	WNK4	0.0309689	0.0655183	4.59521	4.59521	0.0104495	10.7851	10.7851	0.0776077	4.2508	4.2508	0.151083	3.11149	3.11149	0.0155036	8.93966	8.93966
cg17110400	WNK4	0.0328581	0.488773	0.861546	-1.1607	0.0571219	1.57791	1.57791	0.734372	0.930372	-1.07484	0.559311	1.13328	1.13328	0.10644	0.688273	-1.45291
cg02763536	WNK4	0.0361565	0.238859	0.518302	-1.92938	0.793917	0.870633	-1.14859	0.949025	1.0344	1.0344	0.649189	0.784655	-1.27445	?	?	?
cg26074120	WNK4	0.0402507	0.496295	1.39074	1.39074	0.00423916	6.22049	6.22049	0.0306292	3.36277	3.36277	0.301557	1.66711	1.66711	0.13951	2.13674	2.13674
cg24744258	WNK4	0.0437443	0.593107	1.1467	1.1467	0.0955452	1.5916	1.5916	0.987139	1.0041	1.0041	0.0453136	1.79102	1.79102	0.0109558	0.44471	-2.24866
cg14457782	WNK4	0.045298	0.023618	34.394	34.394	0.0234848	34.5544	34.5544	0.0512335	18.2846	18.2846	0.0649173	15.0815	15.0815	0.0178602	43.3307	43.3307
cg22376688	WNT1	0.00044712	0.0907917	0.673177	-1.48549	0.27844	1.27046	1.27046	0.000340364	3.40689	3.40689	0.300974	1.25564	1.25564	0.50695	0.866749	-1.15374
cg17073733	WNT1	0.000783382	?	?	?	5.26E-05	3.72708	3.72708	0.348919	0.845432	-1.18283	0.000686652	2.46636	2.46636	0.3571	0.847964	-1.1793
cg03767378	WNT1	0.00294743	0.000256149	6.99571	6.99571	0.0531029	0.491602	-2.03417	0.348001	1.36643	1.36643	0.00271557	3.81125	3.81125	0.697276	0.881344	-1.13463
cg14270220	WNT1	0.0153025	0.117516	0.545148	-1.83436	0.214987	0.627625	-1.59331	0.648152	0.848774	-1.17817	0.18807	1.64507	1.64507	0.105431	0.53191	-1.88002
cg26146971	WNT10A	1.79E-05	0.0756539	1.73102	1.73102	0.311596	1.33708	1.33708	0.200565	1.45522	1.45522	0.339205	1.31437	1.31437	1.93E-07	0.012165	-82.2029
cg25607121	WNT10A	0.00138172	0.733442	1.05408	1.05408	0.00155235	2.01597	2.01597	0.175136	1.2488	1.2488	0.00595278	1.74042	1.74042	0.754054	1.04962	1.04962
cg06736663	WNT10A	0.00941397	0.371146	0.77046	-1.29793	0.0112045	2.46571	2.46571	0.952905	1.01691	1.01691	0.0481368	1.8991	1.8991	0.441117	1.2499	1.2499
cg16887890	WNT10A	0.0147028	0.012855	0.564658	-1.77098	0.000709869	2.59659	2.59659	0.136427	0.743158	-1.34561	0.885778	0.973759	-1.02695	0.428512	0.861106	-1.1613
cg14663607	WNT10A	0.0164065	0.0898371	1.95118	1.95118	0.0363042	2.38715	2.38715	0.886303	0.950141	-1.05248	0.294639	1.47486	1.47486	0.0142145	0.339162	-2.94845
cg01277331	WNT10A	0.0178631	0.0774536	2.45737	2.45737	0.145582	2.04584	2.04584	0.198376	1.8639	1.8639	0.274928	1.68261	1.68261	0.319474	1.60204	1.60204
cg03630015	WNT10A	0.0227047	0.0410537	1.93872	1.93872	0.0169801	2.26483	2.26483	0.427753	1.25529	1.25529	0.17658	1.49693	1.49693	0.978083	1.00774	1.00774
cg13184710	WNT10A	0.0275405	0.0325509	18.7389	18.7389	0.124853	7.00122	7.00122	0.345289	3.12234	3.12234	0.112432	7.57083	7.57083	0.402331	0.366426	-2.72907
cg00685723	WNT10A	0.0383894	0.715889	1.05315	1.05315	0.660607	1.06459	1.06459	0.901529	1.01769	1.01769	0.00754483	0.614468	-1.62742	0.0104938	0.633645	-1.57817
cg26094599	WNT10A	0.0411289	0.169624	2.08374	2.08374	0.0287092	3.65037	3.65037	0.0741234	2.71477	2.71477	0.55405	1.35034	1.35034	0.236586	1.86324	1.86324
cg19918230	WNT10A;WNT10A	0.000328801	0.5026	0.913262	-1.09498	5.73E-05	2.70641	2.70641	0.0143797	1.49536	1.49536	0.0145767	1.49362	1.49362	0.185704	1.20578	1.20578
cg05702737	WNT10A;WNT10A	0.00482908	0.337737	0.900151	-1.11092	9.35E-05	2.09923	2.09923	0.143603	0.845974	-1.18207	0.803694	0.973839	-1.02686	0.374737	1.10183	1.10183
cg09384937	WNT10B	0.00535422	0.0815932	1.65463	1.65463	0.263494	1.35543	1.35543	0.806247	0.937899	-1.06621	0.772463	1.07858	1.07858	0.32371	0.766501	-1.30463
cg17083504	WNT10B	0.00831395	0.147393	0.832319	-1.20146	0.52405	1.07921	1.07921	0.65268	1.05494	1.05494	0.492851	0.921063	-1.0857	0.000983097	1.78326	1.78326
cg12580783	WNT10B	0.0206229	0.0334663	0.234076	-4.27211	0.125656	0.379617	-2.63424	0.00506004	0.114609	-8.72528	0.0296699	0.224025	-4.4638	0.0383432	0.245949	-4.06588
cg07068273	WNT10B	0.0376866	0.452745	1.4743	1.4743	0.0205118	4.12292	4.12292	0.00306183	7.83084	7.83084	0.45592	1.47014	1.47014	0.87576	0.923671	-1.08264
cg00058786	WNT10B;WNT10B	0.0108806	0.240085	0.82127	-1.21763	0.649572	1.07597	1.07597	0.0692263	1.38459	1.38459	0.711688	0.942306	-1.06123	0.939929	0.988008	-1.01214
cg16567957	WNT10B;WNT10B	0.0477448	0.0112846	0.578193	-1.72953	0.30819	0.833532	-1.19971	0.275647	1.21626	1.21626	0.025734	0.633019	-1.57973	0.889178	1.02436	1.02436
cg15649710	WNT11	0.00426073	0.0320418	0.641094	-1.55983	0.00582475	0.527742	-1.89487	0.00293473	0.485217	-2.06094	0.0379136	0.653093	-1.53118	0.681905	1.07567	1.07567
cg07115519	WNT11	0.00593581	0.794043	1.07138	1.07138	0.149122	0.665193	-1.50332	0.000773566	0.261585	-3.82284	0.121361	1.55673	1.55673	0.00146108	0.297884	-3.35701
cg25904812	WNT11	0.0102085	0.692535	0.942067	-1.0615	0.332284	0.860544	-1.16206	0.104388	0.766004	-1.30548	0.349253	1.15569	1.15569	0.0158653	0.641699	-1.55836
cg02169981	WNT11	0.0151729	0.117825	1.28823	1.28823	0.00942757	1.6335	1.6335	0.0222703	0.664628	-1.5046	0.060549	1.37104	1.37104	0.473273	0.896935	-1.11491
cg19693151	WNT11	0.0175254	0.0011346	0.534316	-1.87155	0.688371	0.948596	-1.05419	0.0591868	0.756658	-1.3216	0.0628663	0.760382	-1.31513	0.0870648	0.780888	-1.28059
cg20633317	WNT11	0.0287992	0.01801	6.37282	6.37282	0.0164863	6.60784	6.60784	0.241223	2.20481	2.20481	0.0556297	4.04605	4.04605	0.437466	1.66608	1.66608
cg08561895	WNT11	0.0392515	0.190459	1.22025	1.22025	0.0436094	1.39526	1.39526	0.810859	1.03502	1.03502	0.0255636	1.46357	1.46357	0.143167	0.7978	-1.25345
cg15574321	WNT11	0.0497488	0.0963245	0.34991	-2.85787	0.142648	0.404056	-2.47491	0.291921	0.533196	-1.87548	0.273284	0.519094	-1.92643	0.0403631	0.256195	-3.90328
cg04106190	WNT16	0.00265317	0.987006	1.00413	1.00413	0.252391	1.35357	1.35357	0.277958	1.33067	1.33067	0.748394	0.921741	-1.0849	0.00224685	0.338536	-2.95389
cg03782845	WNT16	0.00330498	0.914303	1.03073	1.03073	0.00282326	0.314556	-3.17909	0.967939	0.988762	-1.01137	0.897006	0.964239	-1.03709	0.0622453	0.554207	-1.80438
cg22795239	WNT16	0.0102308	0.39952	0.895605	-1.11656	0.0362839	1.36505	1.36505	0.136076	0.814378	-1.22793	0.828291	0.972614	-1.02816	0.380673	0.891407	-1.12182
cg26673903	WNT16;WNT16	0.00157386	0.919945	0.980826	-1.01955	0.105049	0.710984	-1.4065	0.0651916	0.671204	-1.48986	0.206203	0.773537	-1.29276	0.0472354	0.64582	-1.54842
cg04760021	WNT16;WNT16	0.00309015	0.00741571	5.11704	5.11704	0.211487	1.86462	1.86462	0.146919	2.0893	2.0893	0.658372	0.810077	-1.23445	0.53282	1.34853	1.34853
cg03721528	WNT16;WNT16	0.00524476	0.697334	0.909845	-1.09909	0.684546	0.905978	-1.10378	0.0107017	0.460473	-2.17168	0.213218	1.37284	1.37284	0.198757	0.720154	-1.38859
cg12073479	WNT16;WNT16	0.00700831	0.649526	0.858737	-1.1645	0.384004	1.34601	1.34601	0.315023	0.707616	-1.4132	0.541566	0.814068	-1.2284	0.0755482	0.517603	-1.93198
cg13161961	WNT16;WNT16	0.0199204	0.259346	0.230485	-4.33868	0.180773	5.91334	5.91334	0.371685	3.13026	3.13026	?	?	?	0.0869862	0.092688	-10.7889
cg15178540	WNT16;WNT16	0.0350683	0.95413	1.04617	1.04617	0.173932	3.1113	3.1113	0.00731133	15.087	15.087	0.158957	0.306871	-3.2587	0.526005	0.603997	-1.65564

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26173562	0.968768	0.994241	-1.00579	0.110054	1.29297	1.29297	0.729914	1.05246	1.05246	0.790809	0.961539	-1.04	7.56759	2.60839	0.306381	1
cg27298603	0.0950103	0.662469	-1.5095	0.00122274	0.345813	-2.89174	0.134666	1.43622	1.43622	0.0180451	0.524801	-1.90548	7.52789	6.00641	0.709233	1
cg06112732	0.271392	1.17458	1.17458	0.0845445	1.30751	1.30751	0.215541	1.20104	1.20104	0.133868	1.25508	1.25508	6.97025	2.18016	0.278028	1
cg01134459	0.976392	0.987933	-1.01221	0.00212291	0.170029	-5.88136	0.974826	0.987138	-1.01303	0.17979	0.557393	-1.79407	6.23454	16.6193	2.3695	1
cg05639533	0.0392378	0.529541	-1.88843	0.00916711	0.414017	-2.41536	0.443181	0.811918	-1.23165	0.0286475	0.502591	-1.98969	5.70009	6.41127	0.999794	1
cg23562222	0.452727	1.25231	1.25231	0.0366201	0.489541	-2.04273	0.261317	0.708541	-1.41135	0.706789	0.894805	-1.11756	4.87357	6.67725	1.21786	1
cg25787131	0.608981	0.916454	-1.09116	0.163888	0.77786	-1.28558	0.600994	1.09333	1.09333	0.966742	0.992974	-1.00708	4.79831	2.17308	0.402564	1
cg13279019	0.012902	0.200635	-4.98417	0.4529	0.67174	-1.48867	0.611211	1.30573	1.30573	0.0959993	0.386263	-2.58891	4.18034	17.9262	3.81176	1
cg00731395	0.262439	0.79442	-1.25878	0.950204	0.987774	-1.01238	0.0108214	1.87841	1.87841	0.902473	0.976144	-1.02444	3.83259	2.35483	0.546153	1
cg00703902	0.441289	0.758773	-1.31792	0.0880638	0.515946	-1.93819	0.0377864	2.33246	2.33246	0.9309	0.96997	-1.03096	3.77733	7.394	1.73997	1
cg27021327	0.372164	0.867826	-1.1523	0.0116825	1.6283	1.6283	0.46901	0.892272	-1.12073	0.174805	0.799876	-1.25019	3.75841	1.42497	0.337014	1
cg08310400	0.579832	1.11637	1.11637	0.204388	1.30167	1.30167	0.425079	0.851845	-1.17392	0.139471	0.731206	-1.3676	3.66507	2.24941	0.545549	1
cg09085524	0.752638	1.14546	1.14546	0.142333	0.507901	-1.96889	0.180588	0.542974	-1.84171	0.0498358	0.38254	-2.61411	3.6375	10.6292	2.59744	1
cg24872838	0.0773812	0.596632	-1.67608	0.884875	0.962606	-1.03885	0.10096	0.623425	-1.60404	0.0301458	0.511338	-1.95565	3.61624	3.96315	0.974161	1
cg09305948	0.0450805	0.389951	-2.56442	0.00778662	0.246754	-4.05262	0.561435	1.27186	1.27186	0.0706258	0.437165	-2.28746	4.709	12.5101	2.36145	1
cg00761242	0.202576	0.585514	-1.7079	0.0335869	0.372434	-2.68504	0.0983496	0.486118	-2.05711	0.521803	0.772339	-1.29477	4.7049	11.7967	2.22874	1
cg00987699	0.102891	1.36077	1.36077	0.006188	1.85217	1.85217	0.743526	1.05832	1.05832	0.156195	1.29938	1.29938	54.5103	25.7313	0.419596	1
cg25152058	0.834675	0.961814	-1.0397	0.475011	1.14492	1.14492	0.0604732	0.674105	-1.48345	0.0402617	0.64311	-1.55494	13.5106	7.42614	0.48858	1
cg17667625	0.0383642	1.39308	1.39308	0.00351521	1.72781	1.72781	0.0299323	0.702664	-1.42315	0.0309065	0.704607	-1.41923	13.2811	4.01477	0.268705	1
cg11738710	0.998359	1.00033	1.00033	0.510076	0.89918	-1.11212	0.000592845	0.430169	-2.32467	0.0668969	1.38639	1.38639	11.6639	4.67295	0.356118	1
cg04421974	0.0313025	1.51801	1.51801	0.000845071	0.436413	-2.29141	0.636059	1.08194	1.08194	0.682375	1.07035	1.07035	8.67194	3.74931	0.384311	1
cg04683149	0.0849834	0.468977	-2.1323	0.0295413	0.361067	-2.76957	?	?	?	0.0698542	0.446684	-2.23872	4.19544	9.33483	2.225	1
cg21425802	0.133301	1.43738	1.43738	0.307836	0.789391	-1.2668	0.00689398	0.456738	-2.18944	0.243992	1.31403	1.31403	5.44026	4.32488	0.706645	1
cg03562120	0.583288	0.777422	-1.2863	0.406309	0.679726	-1.47118	0.00855956	0.217774	-4.59191	0.524694	1.34038	1.34038	4.80305	15.7099	2.9074	1
cg19804071	8.15E-07	0.206666	-4.83871	7.50E-07	0.203153	-4.92241	0.962505	0.994399	-1.00563	0.0143767	0.697301	-1.4341	64.177	14.5116	0.200994	1
cg26528298	5.17E-06	0.338736	-2.95215	4.90E-07	0.229104	-4.36482	0.881665	1.0157	1.0157	0.00500241	0.678185	-1.47452	42.7003	7.39242	0.153887	1
cg17952446	0.230629	1.1809	1.1809	0.0278808	1.41	1.41	0.413263	0.895299	-1.11695	0.434781	0.899992	-1.11112	8.10554	2.24436	0.246127	1
cg20985014	0.324812	0.870994	-1.14811	0.000458515	2.11582	2.11582	0.34781	1.14032	1.14032	0.715534	1.05098	1.05098	6.17249	1.80392	0.259779	1
cg09978583	0.0812981	0.37593	-2.66007	0.00736993	0.174066	-5.74494	0.133236	0.440411	-2.2706	0.0710547	0.360257	-2.7758	4.29476	17.4348	3.60849	1
cg17694848	0.0480503	0.445124	-2.24656	0.0434863	0.435353	-2.29699	0.58968	1.21533	1.21533	0.222015	0.631464	-1.58362	3.80409	7.72945	1.80611	1
cg10525372	0.421099	1.17777	1.17777	0.000751064	0.361385	-2.76713	0.379147	1.19677	1.19677	0.362455	1.20485	1.20485	8.19631	5.14518	0.557994	1
cg07709205	0.24074	0.687979	-1.45353	0.00755274	0.351127	-2.84797	0.952893	0.982171	-1.01815	0.509684	0.815736	-1.22589	4.99592	7.33711	1.30544	1
cg21773633	0.115537	1.33222	1.33222	0.00384048	0.52033	-1.92186	0.991325	1.00182	1.00182	0.89654	1.02205	1.02205	4.21213	1.8753	0.395745	1
cg27259320	0.217545	0.871851	-1.14699	0.0260598	0.75641	-1.32203	1.73E-09	21.2517	21.2517	0.0137589	1.37982	1.37982	108.209	19.152	0.157325	1
cg09711746	0.0208839	0.722173	-1.38471	0.535156	1.0763	1.0763	3.67E-07	5.54387	5.54387	0.0270009	1.35879	1.35879	33.3579	7.24213	0.192981	1
cg05022105	0.12205	0.705535	-1.41736	0.0638085	0.648147	-1.54286	4.59E-07	19.2696	19.2696	0.00807455	2.02609	2.02609	31.4379	21.5675	0.609811	1
cg12766736	0.515237	0.879269	-1.13731	0.0153231	0.559657	-1.78681	1.83E-06	10.131	10.131	0.11047	1.40378	1.40378	20.4213	12.2982	0.53531	1
cg07281879	0.0716145	2.32852	2.32852	0.0385361	0.365287	-2.73757	0.000150989	15.379	15.379	0.390764	1.44699	1.44699	13.8373	38.6896	2.48537	1
cg04131898	0.290616	0.823164	-1.21483	0.343378	0.840968	-1.18911	4.10E-05	4.0064	4.0064	0.360776	0.846449	-1.18141	12.2338	6.10051	0.443253	1
cg06845853	0.00947792	0.601192	-1.66336	0.966756	1.00647	1.00647	4.86E-05	3.26284	3.26284	0.57151	0.915294	-1.09255	11.105	4.21421	0.337322	1
cg27234067	0.521773	0.818784	-1.22132	0.0418882	0.485746	-2.05869	2.22E-05	13.7386	13.7386	0.680587	0.880329	-1.13594	10.8843	16.3444	1.33481	1
cg25247290	0.100596	0.542227	-1.84425	0.0685169	2.00162	2.00162	1.78E-05	19.7621	19.7621	0.811478	1.08471	1.08471	10.5189	19.2932	1.63034	1
cg16294566	0.212093	0.686997	-1.45561	0.572196	1.17706	1.17706	0.00134995	3.77994	3.77994	0.761931	0.916876	-1.09066	10.3281	13.3444	1.14849	1
cg24286165	0.988271	1.00432	1.00432	0.861367	1.05265	1.05265	0.000411095	5.18835	5.18835	0.587263	0.851404	-1.17453	8.61136	11.75	1.21287	1
cg03052301	0.0928474	0.727938	-1.37374	0.434185	0.871939	-1.14687	0.0226827	1.59755	1.59755	0.140181	1.31329	1.31329	7.02125	3.27932	0.415162	1
cg25577842	0.402213	0.847661	-1.17972	0.013806	0.556157	-1.79805	0.00154188	2.40647	2.40647	0.0403478	1.57863	1.57863	5.05857	2.97751	0.523206	1
cg19718882	0.101319	4.7369	4.7369	0.00232167	39.9546	39.9546	0.0031453	33.0976	33.0976	0.328258	2.39849	2.39849	4.60543	54.8226	10.5812	1
cg12600018	0.311135	1.16238	1.16238	0.087405	0.762646	-1.31122	3.42E-05	3.16319	3.16319	0.274971	1.17714	1.17714	14.9397	4.87852	0.290264	1
cg22975913	0.554004	1.22373	1.22373	0.638785	0.852601	-1.17288	0.000946525	5.27268	5.27268	0.842416	0.935068	-1.06944	5.58915	10.0701	1.60154	1
cg05256688	0.0492535	0.755835	-1.32304	0.00382601	1.6263	1.6263	0.0603983	0.767875	-1.3023	0.149183	0.824547	-1.21279	23.1472	5.70288	0.219	1
cg00134028	0.865114	0.972295	-1.02849	0.906261	0.980721	-1.01966	0.154307	1.28658	1.28658	0.000140099	2.96415	2.96415	16.6929	7.2199	0.384456	1
cg25661142	3.86E-05	0.330831	-3.02269	0.0251156	0.688286	-1.45288	0.850566	1.0268	1.0268	0.0559395	0.738132	-1.35477	13.1381	4.0913	0.276808	1
cg26003119	0.0106304	0.578962	-1.72723	0.0100978	0.575672	-1.7371	0.153096	1.29732	1.29732	0.0016424	0.464425	-2.1532	10.1882	4.6705	0.407489	1
cg06484340	0.279002	0.913379	-1.09484	0.00042706	1.56663	1.56663	0.0227996	1.24525	1.24525	0.374403	0.929236	-1.07615	7.32016	0.751233	0.0912224	1
cg23274381	0.0147283	0.489893	-2.04126	0.000964834	0.31095	-3.21595	0.0234122	0.525333	-1.90356	0.00730126	0.439404	-2.27581	7.07277	6.32935	0.795458	1
cg16672557	0.00565572	0.575265	-1.73833	0.0163346	1.56374	1.56374	0.0628309	1.37541	1.37541	0.0372616	0.69199	-1.44511	6.75366	2.48054	0.326478	1
cg17296483	0.0156425	0.295294	-3.38646	0.00132245	0.146213	-6.83934	0.00660604	0.234225	-4.26939	0.0183445	0.307875	-3.24807	6.16066	16.5311	2.38519	1
cg08269119	0.0171234	0.598085	-1.672	0.21505	0.793851	-1.25968	0.682136	1.07556	1.07556	0.00300741	0.486921	-2.05372	5.63102	2.79073	0.440533	1
cg12224165	0.951445	1.02212	1.02212	0.00863924	3.32965	3.32965	0.0674279	2.08801	2.08801	0.0971503	1.92337	1.92337	4.31791	8.8269	1.81711	1
cg20702935	0.474424	1.08055	1.08055	0.000535026	0.563353	-1.77508	0.696523	0.959118	-1.04262	0.829827	1.02319	1.02319	4.25587	0.764461	0.159667	1
cg27569742	0.0072723	0.678494	-1.47385	0.608329	0.943736	-1.05962	0.238649	1.14829	1.14829	0.686029	0.95549	-1.04658	3.70687	0.736899	0.176705	1
cg03361665	0.000147039	0.0401492	-24.9071	0.653854	1.11666	1.11666	0.510978	1.17867	1.17867	0.000880338	0.131281	-7.61724	37.8068	27.2954	0.360985	1
cg05615230	0.171557	1.35107	1.35107	0.15576	0.730551	-1.36883	0.885876	0.970749	-1.03013	0.719219	1.07748	1.07748	10.928	7.39606	0.601602	1
cg06081750	0.279744	1.3571	1.3571	0.00122068	0.276397	-3.61798	0.00747001	2.54963	2.54963	0.164464	0.668273	-1.4964	5.77302	6.75149	1.03955	1
cg09510874	0.0348555	1.30554	1.30554	0.0379171	0.770329	-1.29815	0.084174	1.23016	1.23016	0.0339349	1.3079	1.3079	4.79583	0.892731	0.165464	1
ch.12.26197F	0.662338	0.765867	-1.30571	0.369367	0.571407	-1.75007	0.773748	0.839476	-1.19122	0.96686	1.02554	1.02554	3.57035	18.5232	5.18805	1
cg02275004	0.0859115	0.65454	-1.52779	0.0240758	1.82365	1.82365	0.983868	1.00453	1.00453	0.386931	1.21903	1.21903	3.82706	3.02276	0.702079	1
cg14087401	0.00322174	1.52335	1.52335	0.00954027	1.41027	1.41027	0.00987657	0.71077	-1.40693	0.000139272	0.502013	-1.99198	31.9725	5.55272	0.154375	1
cg21167135	0.0237695	0.580529	-1.72257	3.34E-05	0.197563	-5.06168	0.896901	0.974213	-1.02647	0.352426	0.824618	-1.21268	17.37	11.172	0.571715	1
cg14101038	0.546927	0.897375	-1.11436	0.000273785	0.34682	-2.88334	0.27916	0.818842	-1.22124	0.0620576	0.688544	-1.45234	9.21636	4.60569	0.444204	1
cg14592895	0.0203243	0.574541	-1.74052	0.848881	1.03852	1.03852	0.61776	1.10481	1.10481	0.193211	0.761249	-1.31363	6.62682	4.11966	0.552591	1
cg21238833	0.120397	1.51543	1.51543	0.00576136	2.44215	2.44215	0.214635	1.38039	1.38039	0.0769676	1.62466	1.62466	6.19967	5.97898	0.857247	1
cg20616414	0.0779347	13.7933	13.7933	0.00117174	590.823	590.823	0.00468978	153.701	153.701	0.306755	4.12675	4.12675	5.46731	155.4	25.2654	1
cg10272601	0.0759361	37.5037	37.5037	0.00209967	2807.19	2807.19	0.00665391	640.441	640.441	0.349085	5.86452	5.86452	5.2375	279.338	47.4081	1
cg00806319	0.136088	0.484748	-2.06293	0.00331639	0.1648	-6.06797	0.0106347	0.235002	-4.25529	0.306108	0.620188	-1.61241	4.48638	14.4431	2.86163	1
cg13717394	0.528618	0.806833	-1.23941	0.38688	1.34745	1.34745	0.681215	0.870332	-1.14899	0.27476	0.682454	-1.4653	4.18129	7.48601	1.59143	1
cg13481840	0.687445	1.11778	1.11778	0.290217	0.739193	-1.35283	0.985237	0.994919	-1.00511	0.556729	0.849046	-1.17779	4.16815	5.0034	1.06701	1
cg14240393	0.497751	1.17622	1.17622	0.247498	0.751944	-1.32989	0.864648	1.04105	1.04105	0.897784	1.03077	1.03077	4.11659	3.62472	0.78268	1
cg01727513	0.825464	1.06438	1.06438	0.206451	1.45708	1.45708	0.798301	0.930216	-1.07502	0.681742	1.12354	1.12354	4.04232	5.10892	1.12343	1
cg21241814	0.484163	1.35234	1.35234	0.299549	0.633539	-1.57844	0.405956	0.697019	-1.43468	0.342265	0.66007	-1.51499	4.04074	11.5342	2.53732	1
cg13707760	0.687305	0.824759	-1.21247	0.526707	0.736553	-1.35768	0.132278	0.457496	-2.18581	0.0222818	0.261491	-3.82423	4.34289	15.2404	2.72943	1
cg13497926	0.324388	0.705436	-1.41756	0.10362	0.543214	-1.8409	0.606661	1.19489	1.19489	0.15886	0.596713	-1.67585	3.62893	6.75632	1.65493	1
cg13970259	0.0282866	0.720416	-1.38809	0.0359824	1.36196	1.36196	0.0752039	1.28516	1.28516	0.68951	1.05217	1.05217	3.57342	0.907584	0.225762	1
cg20274188	0.20843	1.67623	1.67623	0.201644	1.69081	1.69081	0.449618	0.740749	-1.34998	0.758264	0.886705	-1.12777	3.61582	8.68852	2.13593	1
cg06795963	0.328629	1.2473	1.2473	0.000101924	0.221275	-4.51927	0.00356645	2.37569	2.37569	0.274338	1.28311	1.28311	12.9193	9.82825	0.676215	1
cg24519441	0.207461	0.855968	-1.16827	3.49E-05	0.392204	-2.54969	0.995078	0.999279	-1.00072	0.625751	1.05919	1.05919	10.8295	2.34778	0.192707	1
cg03777083	0.204766	0.782465	-1.27801	0.0120509	0.56327	-1.77535	0.00556298	1.94974	1.94974	0.982528	0.995993	-1.00402	9.18287	4.88805	0.473157	1
cg16695758	0.733376	0.829896	-1.20497	0.334037	0.58081	-1.72173	0.747075	1.19298	1.19298	0.000997831	14.3749	14.3749	8.25376	38.8734	4.18647	1
cg02441618	0.762329	1.12689	1.12689	0.688314	1.17213	1.17213	0.21228	1.67777	1.67777	0.00460315	4.41657	4.41657	5.62116	13.8108	2.18393	1
cg05614735	0.209397	2.96245	2.96245	0.0039042	24.2654	24.2654	0.174998	3.2677	3.2677	0.0181857	10.5262	10.5262	4.98023	53.1474	9.48593	1
cg03294458	0.401846	1.5907	1.5907	0.00140255	12.2175	12.2175	0.0519365	3.30808	3.30808	0.0124685	5.37573	5.37573	4.79212	22.2121	4.12011	1
cg20653128	0.185916	0.477752	-2.09314	0.581221	0.745704	-1.34102	0.74205	1.19	1.19	0.00532753	6.91471	6.91471	4.28274	18.8152	3.90512	1
cg16265599	0.434243	0.666401	-1.5006	0.213918	0.51393	-1.94579	0.153169	2.17734	2.17734	0.00720295	5.83779	5.83779	4.27025	17.4998	3.64273	1
cg08409113	0.103342	7.32623	7.32623	0.59626	1.81786	1.81786	0.0225319	21.2011	21.2011	0.0259209	19.2152	19.2152	4.15512	82.2264	17.5904	1
cg18963509	0.375829	1.95528	1.95528	0.00390445	17.5698	17.5698	0.169104	2.94715	2.94715	0.0303021	6.54525	6.54525	4.04088	34.834	7.66257	1
cg17110400	0.631051	0.902544	-1.10798	0.0997648	0.682328	-1.46557	0.00231153	2.46466	2.46466	0.83399	1.04548	1.04548	3.95617	2.8136	0.632171	1
cg02763536	0.00274362	10.0289	10.0289	?	?	?	?	?	?	0.281498	0.551233	-1.81412	4.4222	12.7909	3.37449	1
cg26074120	0.188912	0.514469	-1.94375	0.0496554	2.91331	2.91331	0.684276	0.822659	-1.21557	0.0826864	2.50345	2.50345	3.67467	13.2695	3.20985	1
cg24744258	0.391221	1.24978	1.24978	0.0498453	1.76432	1.76432	0.490173	0.837026	-1.19471	0.085752	1.61928	1.61928	3.563	3.63512	0.906881	1
cg14457782	0.123613	8.875	8.875	0.841687	1.29926	1.29926	0.0344412	25.2574	25.2574	0.0262497	31.5356	31.5356	3.51682	95.4496	24.1252	1
cg22376688	0.00192489	2.54098	2.54098	0.00366976	0.434153	-2.30334	0.000102507	4.30869	4.30869	0.68685	1.08989	1.08989	14.7399	10.5322	0.635141	1
cg17073733	0.395691	0.859454	-1.16353	0.150491	0.764643	-1.3078	0.0431967	1.49929	1.49929	0.824234	1.03949	1.03949	12.9085	5.50981	0.426837	1
cg03767378	0.468054	1.26942	1.26942	0.0195415	0.401794	-2.48884	0.91384	0.965634	-1.03559	0.672461	1.14728	1.14728	8.60317	14.2248	1.46972	1
cg14270220	0.0149172	2.91069	2.91069	0.27513	0.666848	-1.49959	0.00495854	3.77228	3.77228	0.0463801	0.442955	-2.25757	5.14658	10.3811	1.79296	1
cg26146971	0.384759	1.28054	1.28054	0.507542	1.2051	1.2051	0.0952134	0.601268	-1.66315	0.0610046	1.79664	1.79664	34.8459	42.4956	1.08403	1
cg25607121	0.000216107	2.58883	2.58883	0.00432618	0.555624	-1.79978	0.032568	1.47027	1.47027	0.193758	1.23598	1.23598	10.7299	4.0346	0.334234	1
cg06736663	0.0493933	1.89049	1.89049	0.0004896	4.71647	4.71647	0.019005	2.23974	2.23974	0.0689215	1.78252	1.78252	6.02563	7.69538	1.13521	1
cg16887890	0.767859	1.05629	1.05629	0.710796	0.933416	-1.07133	0.990771	1.00214	1.00214	0.745809	0.941598	-1.06202	5.21506	2.82701	0.481853	1
cg14663607	0.2133	1.59762	1.59762	0.00454732	3.86193	3.86193	0.0193039	2.75001	2.75001	0.201149	1.6203	1.6203	5.0288	10.1784	1.79913	1
cg01277331	0.0316778	3.17034	3.17034	0.00062654	11.1225	11.1225	0.00824791	4.7007	4.7007	0.0751478	2.47871	2.47871	4.88765	16.2437	2.95415	1
cg03630015	0.0280873	2.07183	2.07183	0.00261658	3.22299	3.22299	0.00948998	2.51654	2.51654	0.076276	1.73995	1.73995	4.50486	5.62637	1.11018	1
cg13184710	0.0377266	16.8273	16.8273	0.00349269	103.731	103.731	0.0187767	28.0839	28.0839	0.0334413	18.3734	18.3734	4.21224	91.5349	19.3162	1
cg00685723	0.0649133	1.34132	1.34132	0.218772	1.2011	1.2011	0.64606	0.936592	-1.0677	0.766795	1.04303	1.04303	3.73916	1.18849	0.282532	1
cg26094599	0.0236679	3.87887	3.87887	0.00318826	7.54422	7.54422	0.0335752	3.47574	3.47574	0.102778	2.44922	2.44922	3.6455	14.5394	3.54517	1
cg19918230	0.000196284	2.30466	2.30466	0.162112	0.819504	-1.22025	0.00208342	1.78202	1.78202	0.000378989	2.13243	2.13243	16.0421	4.51828	0.250357	1
cg05702737	0.264525	1.13177	1.13177	0.106073	0.828718	-1.20668	0.855747	0.980817	-1.01956	0.530587	1.06996	1.06996	7.41685	1.33084	0.159497	1
cg09384937	0.0526914	0.562913	-1.77647	0.0227066	0.490881	-2.03715	0.000766253	0.264575	-3.77965	0.00846143	2.40389	2.40389	7.18653	7.7474	0.958261	1
cg17083504	0.00117362	1.75461	1.75461	0.741237	1.0399	1.0399	0.586194	0.937166	-1.06705	0.55376	0.931726	-1.07328	6.26767	1.38362	0.196227	1
cg12580783	0.0620517	0.292919	-3.41391	0.0116141	0.15821	-6.32072	0.00562055	0.119493	-8.36871	0.0667719	0.300835	-3.32409	4.65572	25.1864	4.80869	1
cg07068273	0.952936	0.970491	-1.03041	0.212251	1.94794	1.94794	0.758324	0.855032	-1.16955	0.012104	4.89122	4.89122	3.76452	15.3544	3.62552	1
cg00058786	0.338447	0.853888	-1.17111	0.000259674	0.382198	-2.61644	0.331001	1.17417	1.17417	0.40279	1.1469	1.1469	5.7527	2.33469	0.360748	1
cg16567957	0.247684	0.811686	-1.232	0.0811252	0.716177	-1.3963	0.0849222	1.38941	1.38941	0.238456	0.808033	-1.23757	3.44791	1.62738	0.419548	1
cg15649710	0.000972365	0.419477	-2.38392	0.623122	1.09163	1.09163	0.0594173	1.45738	1.45738	0.255894	0.810642	-1.23359	7.70419	3.8228	0.441064	1
cg07115519	0.480922	0.827955	-1.20779	0.187898	1.44445	1.44445	0.835061	0.946539	-1.05648	0.0507689	0.556278	-1.79766	6.96223	7.65721	0.977619	1
cg25904812	0.0836094	0.750106	-1.33314	0.000360881	0.423583	-2.36081	0.269975	1.18825	1.18825	0.116203	0.773868	-1.29221	5.8717	2.09689	0.317437	1
cg02169981	0.0708618	1.35116	1.35116	0.0108621	1.61113	1.61113	0.0331973	1.44956	1.44956	0.74644	1.04957	1.04957	5.16109	1.81771	0.313062	1
cg19693151	0.748162	0.958711	-1.04307	0.0653218	1.31103	1.31103	0.375252	1.1265	1.1265	0.146854	0.815625	-1.22605	4.91908	1.33482	0.241204	1
cg20633317	0.0634096	3.83934	3.83934	0.0912968	3.31521	3.31521	0.00240513	15.2552	15.2552	0.0404141	4.59805	4.59805	4.1464	27.2758	5.84728	1
cg08561895	0.861651	0.975267	-1.02536	0.0173005	1.51626	1.51626	0.66381	0.939142	-1.0648	0.0660848	0.743787	-1.34447	3.70882	1.21075	0.29018	1
cg15574321	0.06103	0.296967	-3.36738	0.00407693	0.108943	-9.17914	0.0126291	0.168105	-5.94866	0.198535	0.457763	-2.18454	3.39462	17.7807	4.65591	1
cg04106190	0.0104636	0.442185	-2.2615	0.000138518	0.188678	-5.30002	0.551749	1.1647	1.1647	0.389345	0.799814	-1.25029	8.87513	9.01286	0.902683	1
cg03782845	0.0112973	0.409767	-2.44041	0.000131055	0.154619	-6.46752	0.102265	0.604815	-1.6534	0.0161949	0.437328	-2.28661	8.31504	10.4129	1.11316	1
cg22795239	0.199631	1.18914	1.18914	0.0004518	0.493185	-2.02764	0.315247	1.14197	1.14197	0.10766	0.798962	-1.25162	5.86761	1.5187	0.23007	1
cg26673903	0.0042275	0.478276	-2.09084	2.09E-05	0.19163	-5.21838	0.782485	0.948098	-1.05474	0.217062	0.778709	-1.28418	10.3354	6.07093	0.522125	1
cg04760021	0.533721	1.34762	1.34762	0.308604	0.607268	-1.64672	5.25E-05	35.7709	35.7709	0.218584	1.84504	1.84504	8.48319	30.1009	3.15404	1
cg03721528	0.00722763	0.432602	-2.31159	0.000194519	0.219688	-4.55191	0.857996	0.957628	-1.04425	0.0936339	0.640361	-1.56162	7.23216	6.69373	0.822712	1
cg12073479	0.00152875	0.219037	-4.56543	0.000663209	0.176364	-5.6701	0.476796	1.27229	1.27229	0.0188417	0.387864	-2.57823	6.61267	11.6056	1.56005	1
cg13161961	0.859535	0.802902	-1.24548	0.363881	3.19326	3.19326	0.00109214	583.01	583.01	0.117621	8.43997	8.43997	5.33523	112.894	18.515	1
cg15178540	0.59443	0.655949	-1.52451	0.327373	2.21078	2.21078	0.00464468	19.189	19.189	0.459382	1.806	1.806	3.8644	37.6833	8.66792	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01311674	WNT16;WNT16	0.0416288	0.952288	1.03733	1.03733	0.24309	2.11313	2.11313	0.278012	1.9956	1.9956	0.89296	0.920847	-1.08596	0.624133	0.738975	-1.35323
cg14448169	WNT16;WNT16	0.0463783	0.0285702	13.5333	13.5333	0.242301	3.43524	3.43524	0.0526477	9.22267	9.22267	0.405505	2.35905	2.35905	0.547406	0.541187	-1.84779
cg26690075	WNT16;WNT16	0.047074	0.0352238	6.53849	6.53849	0.356295	2.06754	2.06754	0.230843	2.61758	2.61758	0.44904	1.80506	1.80506	0.520489	1.64652	1.64652
cg16868298	WNT16;WNT16	0.0478547	0.0119052	8.89006	8.89006	0.174546	2.73274	2.73274	0.0973107	3.54868	3.54868	0.492901	1.62378	1.62378	0.224851	2.42885	2.42885
cg01830294	WNT2;WNT2	3.07E-06	0.0157152	1.19388	1.19388	0.0281374	1.16789	1.16789	0.000253293	1.43473	1.43473	0.00274263	1.28075	1.28075	0.128517	1.10334	1.10334
cg15181905	WNT2;WNT2	0.00025713	0.221147	0.768686	-1.30092	0.925415	0.98103	-1.01934	0.000129944	0.256762	-3.89465	0.810065	0.951942	-1.05048	6.67E-06	0.129073	-7.74756
cg03794862	WNT2;WNT2	0.00378928	0.0333452	0.514077	-1.94523	0.93817	1.02097	1.02097	6.58E-05	0.140979	-7.09327	0.473769	1.21523	1.21523	0.287971	0.744406	-1.34335
cg06987468	WNT2;WNT2	0.00744889	0.139913	0.78031	-1.28154	0.0148994	1.59632	1.59632	0.0318021	1.48145	1.48145	0.19948	1.2358	1.2358	0.724938	0.946318	-1.05673
cg20064455	WNT2;WNT2	0.0169815	0.482558	1.11269	1.11269	0.270222	1.1874	1.1874	0.00487732	1.74771	1.74771	0.66628	0.937147	-1.06707	0.108744	1.29917	1.29917
cg02485092	WNT2;WNT2	0.0312116	0.010618	5.86243	5.86243	0.0507802	3.404	3.404	0.22763	2.00794	2.00794	0.0640854	3.14355	3.14355	0.104636	2.65461	2.65461
cg12365177	WNT2;WNT2	0.0346083	0.426517	1.33354	1.33354	0.367556	1.38837	1.38837	0.00662499	0.286668	-3.48835	0.570184	1.22559	1.22559	0.908719	0.960155	-1.0415
cg08825837	WNT2;WNT2	0.0375826	0.313443	0.861465	-1.16081	0.141003	1.25415	1.25415	0.0185602	1.50426	1.50426	0.277648	0.850884	-1.17525	0.467491	0.899655	-1.11154
cg01250407	WNT2;WNT2	0.0442325	0.456132	0.846596	-1.1812	0.0763287	1.54134	1.54134	0.101414	1.48217	1.48217	0.039525	0.593075	-1.68613	0.326098	0.800546	-1.24915
cg19510038	WNT2B	0.0039075	0.0398312	0.722133	-1.38479	0.414414	0.891993	-1.12109	0.250615	0.84835	-1.17876	0.48473	0.907308	-1.10216	0.300443	1.15835	1.15835
cg04571584	WNT2B	0.00575018	0.00116974	0.352165	-2.83958	0.146237	1.40723	1.40723	0.296598	0.788963	-1.26749	0.0150403	0.519663	-1.92432	0.0223945	0.549208	-1.8208
cg01964467	WNT2B	0.00799676	0.883566	0.97016	-1.03076	0.508356	1.14879	1.14879	0.000540422	0.328828	-3.04111	0.511597	1.14754	1.14754	0.00258654	0.421788	-2.37086
cg20013286	WNT2B	0.00822251	0.188989	1.50006	1.50006	0.0593651	0.537832	-1.85932	0.306416	0.734507	-1.36146	0.112665	0.604597	-1.65399	0.637535	1.14831	1.14831
cg08741842	WNT2B	0.0104433	0.0697746	0.590912	-1.6923	0.0647428	1.71289	1.71289	0.098591	0.625065	-1.59983	0.316593	0.764449	-1.30813	0.000811641	0.269756	-3.70706
cg00255837	WNT2B	0.029628	0.999905	1.00002	1.00002	0.00634352	1.79372	1.79372	0.0287438	1.52828	1.52828	0.0134833	0.604767	-1.65353	0.337251	1.17665	1.17665
cg26690876	WNT2B	0.0302402	0.518395	0.830453	-1.20416	0.102979	0.602804	-1.65891	0.0116203	0.408564	-2.44759	0.106761	0.60672	-1.64821	0.00301765	0.315469	-3.16988
cg14252850	WNT2B	0.0377499	0.263974	0.770558	-1.29776	0.00123193	0.347254	-2.87973	0.135764	0.697771	-1.43313	0.296901	1.2739	1.2739	0.0617792	0.624448	-1.60141
cg21454231	WNT2B;WNT2B	0.000129106	7.53E-05	0.662561	-1.5093	0.425202	0.954414	-1.04776	0.243685	1.07239	1.07239	0.000201252	1.42963	1.42963	0.121525	1.10096	1.10096
cg24334335	WNT2B;WNT2B	0.00116374	0.0146357	0.717968	-1.39282	0.104439	0.82231	-1.21609	0.673146	1.04788	1.04788	0.13508	1.1943	1.1943	0.000298068	0.522644	-1.91335
cg19088141	WNT2B;WNT2B	0.00337237	0.305709	0.803558	-1.24447	0.00299817	2.31496	2.31496	0.221308	0.767112	-1.30359	0.160202	1.36263	1.36263	0.00314705	0.43504	-2.29864
cg11140897	WNT2B;WNT2B	0.0148833	0.12724	0.578304	-1.72919	0.924546	0.969034	-1.03196	0.103647	1.80574	1.80574	0.532723	0.81073	-1.23346	0.06675	0.505331	-1.9789
cg08739433	WNT2B;WNT2B	0.0198558	0.177162	2.91946	2.91946	0.02203	7.77846	7.77846	0.163821	3.03379	3.03379	0.0602487	4.86922	4.86922	0.475228	1.72002	1.72002
cg19722720	WNT2B;WNT2B	0.0230614	0.250037	0.765025	-1.30715	0.352117	0.807862	-1.23783	0.731019	0.925989	-1.07993	0.8368	1.04703	1.04703	0.715974	0.921806	-1.08483
cg21998473	WNT2B;WNT2B	0.0253723	0.128284	0.844506	-1.18412	0.00519833	1.46101	1.46101	0.131256	1.18234	1.18234	0.0351651	0.777058	-1.28691	0.157324	0.856026	-1.16819
cg18941031	WNT3	7.98E-05	0.501388	1.03923	1.03923	0.243027	0.933435	-1.07131	0.0963446	0.902173	-1.10844	2.07E-05	0.616103	-1.62311	0.00254315	1.26635	1.26635
cg20656587	WNT3	0.00110854	0.394599	1.23683	1.23683	0.000116102	0.19268	-5.18995	0.0268841	1.89459	1.89459	0.523751	0.854269	-1.17059	0.0366323	1.80751	1.80751
cg19434433	WNT3	0.00185485	0.0509121	1.38289	1.38289	0.0684284	1.34633	1.34633	0.389412	1.13721	1.13721	0.131416	1.26795	1.26795	0.819841	1.03381	1.03381
cg24389488	WNT3	0.00238124	0.00186244	0.420129	-2.38022	0.0594614	0.658434	-1.51876	0.000504535	0.34369	-2.9096	0.214613	0.773659	-1.29256	0.00285627	0.446497	-2.23966
cg21330419	WNT3	0.00517832	0.451107	0.895208	-1.11706	0.0265756	0.684561	-1.46079	0.639819	1.07031	1.07031	0.0498861	0.724374	-1.3805	0.200372	1.21533	1.21533
cg01163049	WNT3	0.00680403	0.059894	0.715978	-1.39669	0.00411633	0.545719	-1.83244	0.00100023	0.46349	-2.15754	0.418649	1.1389	1.1389	0.700248	1.06277	1.06277
cg01440864	WNT3	0.00904067	0.0842143	1.4218	1.4218	0.664939	1.08359	1.08359	0.206908	1.27789	1.27789	0.602525	1.10163	1.10163	0.233199	1.25894	1.25894
cg01823428	WNT3	0.0100811	0.332195	0.780638	-1.281	0.34472	1.27242	1.27242	0.00514142	0.400584	-2.49635	0.701664	0.909117	-1.09997	0.00561749	0.406593	-2.45946
cg24114556	WNT3	0.013293	0.233752	1.61541	1.61541	0.0224302	2.85972	2.85972	0.902888	1.04801	1.04801	0.584537	0.808868	-1.2363	0.112704	1.94123	1.94123
cg06491244	WNT3	0.01386	0.0194289	0.568497	-1.75902	0.143933	0.730675	-1.3686	0.0178282	0.562339	-1.77829	0.819383	0.955317	-1.04677	0.000415571	0.32652	-3.0626
cg08358943	WNT3	0.0179313	0.00957624	0.466351	-2.14431	0.203682	0.732004	-1.36611	0.00823422	0.455708	-2.19439	0.620245	1.12316	1.12316	0.00137398	0.339787	-2.94302
cg23658721	WNT3	0.0274835	0.013421	0.705946	-1.41654	0.656378	1.05225	1.05225	0.902282	1.01407	1.01407	0.037636	0.760116	-1.31559	0.00929832	0.687074	-1.45545
cg00140914	WNT3	0.0294378	0.111917	0.707501	-1.41343	0.0179648	0.562856	-1.77665	0.00522468	0.478784	-2.08862	0.681154	0.920736	-1.08609	0.0608189	0.655451	-1.52567
cg02017282	WNT3	0.0373332	0.0250294	3.66506	3.66506	0.0195545	3.95341	3.95341	0.0735454	2.643	2.643	0.311876	1.66473	1.66473	0.0592801	2.82165	2.82165
cg15237742	WNT3	0.0422342	0.0588237	1.87781	1.87781	0.0314944	2.10595	2.10595	0.377988	1.30614	1.30614	0.554625	1.19298	1.19298	0.0598875	1.87165	1.87165
cg07879727	WNT3;WNT3	0.00175305	0.625677	0.886501	-1.12803	0.295267	0.766455	-1.30471	0.609513	1.13455	1.13455	0.554421	0.863699	-1.15781	0.173604	0.701331	-1.42586
cg12359809	WNT3A	1.46E-05	0.00018705	2.5286	2.5286	0.0268678	1.47068	1.47068	0.0359087	0.698306	-1.43204	5.84E-06	4.4765	4.4765	8.14E-05	0.351518	-2.8448
cg26921638	WNT3A	3.66E-05	0.044801	1.45179	1.45179	1.84E-05	4.10845	4.10845	0.10118	0.747871	-1.33713	0.105963	0.751415	-1.33082	0.0407646	0.682299	-1.46563
cg26332740	WNT3A	0.000343554	0.967286	0.984945	-1.01529	0.0902475	0.501291	-1.99485	0.47931	0.76643	-1.30475	0.0889085	2.00179	2.00179	0.500573	1.28775	1.28775
cg09369927	WNT3A	0.00061846	0.00203374	2.28132	2.28132	0.150658	1.33917	1.33917	0.0474504	0.650562	-1.53713	0.0504635	0.655294	-1.52603	0.0244418	0.601509	-1.66249
cg13864473	WNT3A	0.000920225	0.0467435	0.636368	-1.57142	2.10E-05	5.4879	5.4879	0.102364	0.701279	-1.42597	0.578299	0.894521	-1.11792	0.171304	0.748912	-1.33527
cg09075558	WNT3A	0.000991715	0.129549	0.595486	-1.6793	0.376875	0.750502	-1.33244	0.0236929	2.35087	2.35087	0.311267	0.717786	-1.39317	0.000127645	0.121326	-8.24229
cg11298786	WNT3A	0.00128168	0.115381	0.685466	-1.45886	0.000120382	0.227021	-4.40489	0.0074928	0.467914	-2.13715	0.122468	0.691236	-1.44668	0.116431	0.686338	-1.45701
cg00779928	WNT3A	0.0020718	0.0073025	1.43585	1.43585	0.00108385	1.65603	1.65603	0.47887	0.927482	-1.07819	0.463689	1.08112	1.08112	0.18682	1.15757	1.15757
cg20976159	WNT3A	0.00307924	0.0367564	1.78701	1.78701	0.002133	2.80821	2.80821	0.546337	1.15729	1.15729	0.106903	1.52373	1.52373	0.737188	1.08393	1.08393
cg10019916	WNT3A	0.00335641	0.557973	1.06124	1.06124	0.692376	1.0407	1.0407	0.0326455	0.778168	-1.28507	0.0524812	1.24758	1.24758	0.657999	1.04571	1.04571
cg16170838	WNT3A	0.00565453	0.0806076	0.756968	-1.32106	0.655628	0.937541	-1.06662	0.0121691	0.638282	-1.56671	0.489623	0.904072	-1.10611	0.392991	0.881849	-1.13398
cg09316122	WNT3A	0.00674464	0.693558	1.04874	1.04874	0.0932284	1.24844	1.24844	0.035894	0.745773	-1.34089	0.0610977	1.28869	1.28869	0.802733	0.970369	-1.03054
cg15058266	WNT3A	0.0073299	0.0331968	0.450832	-2.21812	0.00063692	0.186657	-5.35742	0.025835	0.428791	-2.33214	0.668375	1.14786	1.14786	0.00681866	0.325759	-3.06975
cg07204739	WNT3A	0.008174	0.00636174	0.1188	-8.4175	0.709135	1.25202	1.25202	0.00132542	0.0607603	-16.4581	0.625175	0.74429	-1.34356	0.0011824	0.0576636	-17.342
cg22519189	WNT3A	0.0141898	0.00448875	0.149572	-6.68574	0.385949	1.56164	1.56164	0.854691	0.912161	-1.0963	0.951686	1.03085	1.03085	0.0213241	0.24967	-4.00529
cg08037440	WNT3A	0.0176965	0.151328	1.29104	1.29104	0.00185924	2.08274	2.08274	0.107014	1.33954	1.33954	0.999372	1.00013	1.00013	0.318699	1.18675	1.18675
cg19911850	WNT3A	0.017974	0.0367774	0.374137	-2.67282	0.126983	0.512258	-1.95214	0.0145831	0.29548	-3.38432	0.445016	0.729399	-1.37099	0.0873229	0.465334	-2.149
cg13935480	WNT3A	0.0248863	0.0127932	0.150626	-6.63897	0.963787	1.02818	1.02818	0.0084974	0.127944	-7.81594	0.0245036	0.193942	-5.15618	0.023791	0.191754	-5.21501
cg09511896	WNT3A	0.0293901	0.432473	0.668541	-1.49579	0.0284368	0.272548	-3.66908	0.643638	1.26385	1.26385	0.601394	0.767257	-1.30334	0.0170018	0.231576	-4.31823
cg21934230	WNT3A	0.0406867	0.103744	0.319992	-3.12507	0.0096946	0.122964	-8.13248	0.0984737	0.313316	-3.19167	0.173458	0.395506	-2.5284	0.00790529	0.112831	-8.86285
cg03259874	WNT4	0.000182763	0.0239139	0.828778	-1.2066	3.98E-06	2.11118	2.11118	0.0152446	1.23081	1.23081	0.606271	1.0369	1.0369	0.461427	1.05364	1.05364
cg02839875	WNT4	0.00248409	0.0519817	0.740269	-1.35086	0.229415	1.18714	1.18714	0.000116046	0.398937	-2.50666	0.686356	1.05677	1.05677	0.00271865	0.569409	-1.75621
cg03133269	WNT4	0.00453861	0.000635132	0.704222	-1.42001	0.000585767	0.701119	-1.42629	0.0201096	0.829143	-1.20606	0.0124482	0.812356	-1.23099	0.38699	0.942467	-1.06105
cg06398244	WNT4	0.0105085	0.544445	0.87322	-1.14519	0.00210453	0.384507	-2.60073	0.0179994	0.529859	-1.8873	0.101565	1.48607	1.48607	0.00278278	0.402026	-2.4874
cg10835795	WNT4	0.0136138	0.454467	0.849631	-1.17698	0.0200358	0.548711	-1.82245	0.00338632	0.426485	-2.34475	0.202693	1.33328	1.33328	0.185766	0.740763	-1.34996
cg23109424	WNT4	0.0177715	0.0649444	1.73089	1.73089	0.00159237	0.301361	-3.31828	0.0918876	0.611883	-1.6343	0.835996	1.05641	1.05641	0.511837	0.838516	-1.19258
cg07180649	WNT4	0.0357437	0.026216	0.498078	-2.00772	0.142369	1.51713	1.51713	0.875504	1.04231	1.04231	0.603201	0.870571	-1.14867	0.00978528	0.421764	-2.371
cg13543375	WNT4	0.0405787	0.00876595	0.529517	-1.88851	0.751383	0.941265	-1.0624	0.19157	0.76851	-1.30122	0.505145	0.879167	-1.13744	0.59657	0.903267	-1.10709
cg24216596	WNT5A	7.46E-06	3.63E-05	0.211039	-4.73847	2.90E-06	0.112335	-8.90195	0.916707	1.02067	1.02067	0.117908	0.717417	-1.39389	4.53E-06	0.127314	-7.85459
cg04941246	WNT5A	8.91E-06	7.88E-06	0.0959257	-10.4247	3.39E-06	0.0726321	-13.768	0.0131552	0.478953	-2.08789	0.00682244	0.43206	-2.31449	2.39E-05	0.132963	-7.5209
cg18010752	WNT5A	2.04E-05	1.13E-05	0.128171	-7.80207	1.77E-05	0.144763	-6.90785	0.187326	0.735122	-1.36032	0.110999	0.682273	-1.46569	9.51E-06	0.122211	-8.18258
cg10701252	WNT5A	2.31E-05	0.000144131	8.41846	8.41846	0.350514	0.731525	-1.36701	0.883956	1.04866	1.04866	0.0116415	2.78958	2.78958	3.42E-05	13.5975	13.5975
cg16049468	WNT5A	2.69E-05	0.207251	1.17142	1.17142	0.000120801	2.22346	2.22346	0.096696	1.24226	1.24226	0.00726413	1.50976	1.50976	1.62E-06	0.237966	-4.20228
cg02867696	WNT5A	3.71E-05	3.00E-05	0.0604928	-16.5309	0.000111079	0.0968213	-10.3283	0.8958	0.955994	-1.04603	0.00732313	0.304983	-3.27887	1.13E-05	0.0406944	-24.5734
cg23456221	WNT5A	6.72E-05	0.000122538	0.124115	-8.05702	2.30E-05	0.0716619	-13.9544	0.380844	0.755937	-1.32286	0.0734735	0.5373	-1.86116	1.61E-05	0.0628209	-15.9183
cg08666668	WNT5A	6.84E-05	4.07E-05	0.0853176	-11.7209	8.24E-05	0.10752	-9.30057	0.394405	0.760154	-1.31552	0.0508268	0.496859	-2.01264	1.40E-05	0.0579955	-17.2427
cg00942997	WNT5A	0.000680744	0.106024	0.832073	-1.20182	0.816162	1.02455	1.02455	0.994913	0.999336	-1.00066	0.174119	0.860228	-1.16248	2.54E-05	0.418917	-2.38711
cg17553300	WNT5A	0.000999503	0.00123859	19.2313	19.2313	0.977615	1.01773	1.01773	0.621942	1.36515	1.36515	0.0159424	6.34866	6.34866	0.00130565	18.753	18.753
cg15361065	WNT5A	0.0011221	0.0447771	0.496622	-2.0136	0.167073	1.52933	1.52933	0.0607763	1.88509	1.88509	?	?	?	?	?	?
cg18562578	WNT5A	0.00127701	0.00610862	0.261859	-3.81884	0.000872872	0.154221	-6.48419	0.987526	1.00587	1.00587	0.0338297	0.39545	-2.52877	0.132369	0.544432	-1.83678
cg20000481	WNT5A	0.00160065	0.0168571	0.499816	-2.00073	0.0268818	0.536064	-1.86545	0.0863186	0.637182	-1.56941	0.243282	1.33697	1.33697	2.80E-05	0.14077	-7.10377
cg09435227	WNT5A	0.00171726	0.618604	1.06352	1.06352	0.0040281	0.622464	-1.60652	0.0244209	0.719601	-1.38966	0.921014	0.987903	-1.01224	9.08E-05	0.423759	-2.35983
cg27364162	WNT5A	0.00184194	0.00402264	0.371124	-2.69452	0.00154839	0.311099	-3.21441	0.915029	1.02776	1.02776	0.0492507	0.5623	-1.77841	0.051805	0.566846	-1.76415
cg11581280	WNT5A	0.00204032	0.416639	1.18651	1.18651	0.000295876	0.297002	-3.36698	0.707418	1.08077	1.08077	0.025164	1.73074	1.73074	0.000602968	0.336288	-2.97364
cg11293176	WNT5A	0.00216953	0.000899263	0.109083	-9.16735	0.000503684	0.0884961	-11.2999	0.0969825	0.443878	-2.25287	0.341235	0.645804	-1.54846	0.000397143	0.0809428	-12.3544
cg17679453	WNT5A	0.00355167	0.00293829	0.163629	-6.1114	0.0035842	0.174108	-5.74355	0.272966	1.658	1.658	0.663628	1.214	1.214	0.00570317	0.200585	-4.98543
cg08852968	WNT5A	0.0042013	0.575811	0.854464	-1.17032	0.00112993	0.263642	-3.79303	0.080162	1.71621	1.71621	0.7885	0.92792	-1.07768	0.841158	0.945699	-1.05742
cg24049183	WNT5A	0.00615007	0.440517	0.773116	-1.29347	0.0363869	0.443744	-2.25355	0.095828	0.545858	-1.83198	0.000201136	0.108495	-9.21698	0.449294	0.777094	-1.28685
cg15051960	WNT5A	0.00644626	0.42742	1.08856	1.08856	0.0153447	1.36566	1.36566	0.000868372	1.68761	1.68761	0.558015	0.939843	-1.06401	0.437353	0.920377	-1.08651
cg01777121	WNT5A	0.00653731	0.404779	0.789828	-1.2661	0.00750591	0.385797	-2.59204	0.864263	0.953746	-1.0485	0.259997	0.722374	-1.38433	0.669178	1.12633	1.12633
cg14507014	WNT5A	0.0065715	0.0411023	0.223401	-4.47625	0.000446418	0.0295143	-33.8819	0.190355	0.413973	-2.41562	0.25927	0.473093	-2.11375	0.00379273	0.0834503	-11.9832
cg04685478	WNT5A	0.0075455	0.0025783	1.65325	1.65325	0.454104	0.912328	-1.0961	0.120335	0.816487	-1.22476	0.254566	0.866627	-1.1539	0.323529	1.13054	1.13054
cg20746482	WNT5A	0.0109972	0.118569	0.500883	-1.99648	0.0034651	0.198042	-5.04944	0.230791	0.598724	-1.67022	0.0755281	0.446057	-2.24187	0.638379	0.824352	-1.21307
cg02708401	WNT5A	0.0148672	0.730834	1.06471	1.06471	0.0430012	1.52622	1.52622	0.263711	1.23556	1.23556	0.0126556	0.569665	-1.75542	0.0733769	0.695952	-1.43688
cg26116485	WNT5A	0.015391	0.136971	0.598075	-1.67203	0.737412	0.897649	-1.11402	0.449661	0.780991	-1.28042	0.195716	0.644639	-1.55126	0.0314399	0.444968	-2.24735
cg02298472	WNT5A	0.01741	0.0102599	0.0686152	-14.574	0.00750558	0.0578679	-17.2807	0.0736446	0.191781	-5.21428	0.0925978	0.215966	-4.63036	0.0075304	0.0579731	-17.2494
cg01109065	WNT5A	0.0272615	0.012387	4.25884	4.25884	0.516302	1.3584	1.3584	0.121936	2.18214	2.18214	0.0631408	2.64534	2.64534	0.458332	1.42117	1.42117
cg06311863	WNT5A	0.0305659	0.0309204	10.2028	10.2028	0.477074	0.515472	-1.93997	0.871795	1.15956	1.15956	0.057634	7.15508	7.15508	0.0204376	12.9456	12.9456
cg08832220	WNT5A	0.037124	0.0309027	4.59348	4.59348	0.319267	1.85747	1.85747	0.0322515	4.52044	4.52044	0.127864	2.69212	2.69212	0.0616141	3.54863	3.54863
cg15585318	WNT5A	0.0380221	0.022021	0.440138	-2.27201	0.123203	0.607168	-1.64699	0.152229	0.632393	-1.5813	0.986617	1.00502	1.00502	0.0696415	0.545383	-1.83357
cg10250321	WNT5A	0.0396772	0.0566377	0.816276	-1.22508	0.675908	1.04035	1.04035	0.163069	1.15036	1.15036	0.142754	1.15976	1.15976	0.375277	1.08939	1.08939
cg05048976	WNT5A	0.0491582	0.0568401	3.78135	3.78135	0.57923	1.4129	1.4129	0.0309823	4.77252	4.77252	0.162995	2.50657	2.50657	0.0910078	3.15444	3.15444
cg02063833	WNT5B	0.00123817	0.00620219	0.413417	-2.41886	0.110284	0.650001	-1.53846	0.00263909	0.357004	-2.80109	0.0329003	0.53923	-1.8545	0.00159404	0.325847	-3.06893
cg23757341	WNT5B	0.0116996	0.0989637	0.734961	-1.36062	0.00510181	0.532586	-1.87763	0.124328	0.753307	-1.32748	0.183247	0.786327	-1.27174	0.000477876	0.393261	-2.54284
cg19591105	WNT5B	0.0230757	0.146354	0.781465	-1.27965	0.0274836	0.662071	-1.51041	0.0726712	0.728551	-1.37259	0.0360118	0.67996	-1.47067	0.00285418	0.522429	-1.91413
cg10696062	WNT5B	0.0274869	0.838863	0.951385	-1.0511	0.0274613	0.528162	-1.89336	0.0365926	0.551823	-1.81218	0.765628	1.07591	1.07591	0.0689765	1.6456	1.6456
cg02035605	WNT5B	0.0282245	0.028336	0.459017	-2.17857	0.010308	0.378183	-2.64423	0.0316919	0.468769	-2.13324	0.352065	0.749697	-1.33387	0.016904	0.416196	-2.40272
cg24283049	WNT5B;WNT5B	0.00155101	0.00124891	0.388638	-2.57309	0.692819	0.923495	-1.08284	0.000242859	0.296288	-3.3751	0.613283	1.10756	1.10756	0.000984547	0.374589	-2.66959
cg25283799	WNT5B;WNT5B	0.00257379	0.114434	0.827447	-1.20854	0.000470173	1.83364	1.83364	0.141111	1.19078	1.19078	0.267534	0.880364	-1.13589	0.0917872	1.22726	1.22726
cg01268901	WNT5B;WNT5B	0.00295674	0.093693	0.794477	-1.25869	0.0767906	1.27843	1.27843	0.0479876	0.754169	-1.32596	0.0152737	0.689519	-1.45029	0.927312	1.01145	1.01145
cg02824489	WNT5B;WNT5B	0.00409363	0.63923	0.946978	-1.05599	0.000852222	0.560857	-1.78299	0.0235968	0.732052	-1.36602	0.306529	1.12992	1.12992	0.669533	0.951669	-1.05079
cg06231565	WNT5B;WNT5B	0.00440963	0.895148	0.980264	-1.02013	0.0036935	0.552587	-1.80967	0.010843	0.616521	-1.622	0.197954	0.814076	-1.22839	0.00315261	0.543377	-1.84034
cg05175896	WNT5B;WNT5B	0.00631709	0.0553112	1.85263	1.85263	0.0028378	3.21054	3.21054	0.446401	1.24644	1.24644	0.0798341	1.73625	1.73625	0.0221556	2.17824	2.17824
cg21338112	WNT5B;WNT5B	0.0121956	0.00117466	0.51006	-1.96055	0.705748	1.05509	1.05509	0.354842	1.14405	1.14405	0.375944	0.879441	-1.13709	0.11685	0.785943	-1.27236
cg10302498	WNT5B;WNT5B	0.0123211	0.0262892	0.415393	-2.40736	0.283841	1.44943	1.44943	0.00858909	0.327127	-3.05692	0.543576	0.814683	-1.22747	0.00539414	0.294907	-3.3909
cg25891078	WNT5B;WNT5B	0.0142628	0.00694774	0.218016	-4.58683	0.00521734	0.200411	-4.98974	0.00318182	0.172588	-5.79415	0.0690145	0.411733	-2.42876	0.0234535	0.307102	-3.25625
cg08528444	WNT5B;WNT5B	0.0180596	0.0114392	0.316046	-3.16409	0.010468	0.309483	-3.23119	0.00429007	0.249004	-4.016	0.285342	0.667712	-1.49765	0.0261889	0.382863	-2.6119
cg23667127	WNT5B;WNT5B	0.0181909	0.0119233	0.404016	-2.47515	0.00903894	2.60761	2.60761	0.96178	0.986255	-1.01394	0.119605	1.62869	1.62869	0.0542033	1.87963	1.87963
cg10518873	WNT5B;WNT5B	0.0328005	0.0036947	0.422014	-2.36959	0.136193	0.702535	-1.42342	0.0425242	0.59835	-1.67126	0.847121	0.958446	-1.04336	0.545256	1.14409	1.14409
cg01053259	WNT5B;WNT5B	0.0429259	0.452588	0.832314	-1.20147	0.00331961	0.383242	-2.60932	0.00896979	0.450605	-2.21924	0.62131	0.887417	-1.12687	0.70785	0.913659	-1.0945
cg14639163	WNT6	0.00529505	0.214562	1.59224	1.59224	0.0125571	3.01969	3.01969	0.128683	1.79421	1.79421	0.0374883	2.36166	2.36166	0.00107552	5.58087	5.58087
cg07714657	WNT6	0.0124267	0.000239979	0.0599581	-16.6783	0.156006	2.019	2.019	0.619002	1.26121	1.26121	0.893271	0.939749	-1.06411	0.836139	0.908575	-1.10063
cg25242471	WNT6	0.0207811	0.0424137	4.87544	4.87544	0.0122607	8.28662	8.28662	0.0974745	3.43008	3.43008	0.124549	3.0869	3.0869	0.0054525	11.9156	11.9156
cg06795233	WNT6	0.0361156	0.0695148	4.49055	4.49055	0.114354	3.56283	3.56283	0.276528	2.31023	2.31023	0.080449	4.19755	4.19755	0.0282515	6.79611	6.79611
cg13903421	WNT6	0.0407254	0.140778	3.054	3.054	0.0118159	9.16474	9.16474	0.180193	2.72624	2.72624	0.0947309	3.64791	3.64791	0.0207173	7.11824	7.11824
cg22344703	WNT6	0.0415818	0.141016	0.422783	-2.36528	0.132578	2.41692	2.41692	0.170586	2.21116	2.21116	0.113504	2.55089	2.55089	0.30171	0.558876	-1.78931
cg23154059	WNT6	0.0415975	0.351589	0.593995	-1.68352	0.276829	1.84885	1.84885	0.387271	1.61853	1.61853	0.0841251	2.82455	2.82455	0.30008	0.557952	-1.79227
cg10000424	WNT6	0.044629	0.125366	2.488	2.488	0.00577737	0.117274	-8.52701	0.430977	0.649067	-1.54067	0.506203	0.696343	-1.43607	0.0723678	3.04863	3.04863
cg26121234	WNT7A	0.000326996	0.00614942	0.510158	-1.96018	0.0206759	0.591759	-1.68988	0.000342625	0.337707	-2.96115	0.000147714	0.292686	-3.41663	0.00441825	0.488991	-2.04503
cg04969808	WNT7A	0.000492071	0.0335864	0.612375	-1.63299	0.543866	0.885705	-1.12904	7.52E-06	7.00107	7.00107	0.31855	0.815739	-1.22588	0.722372	1.07302	1.07302
cg01166979	WNT7A	0.000653807	0.65283	1.06198	1.06198	0.0969184	0.785084	-1.27375	1.07E-05	3.4833	3.4833	0.0732112	1.30384	1.30384	0.504673	1.09407	1.09407
cg17613214	WNT7A	0.0011146	0.0145041	0.476537	-2.09847	0.000713302	3.55511	3.55511	0.00014312	0.19924	-5.01908	0.0955349	0.637209	-1.56934	0.0521124	0.580571	-1.72244
cg11931776	WNT7A	0.00298714	0.0808088	0.688214	-1.45304	0.207997	0.773992	-1.292	0.00629088	0.503161	-1.98744	0.0130264	0.55182	-1.81218	7.20E-05	0.24775	-4.03633
cg21224025	WNT7A	0.0034943	0.00463865	0.319512	-3.12977	0.000228516	0.15645	-6.39184	0.000217864	0.271796	-3.67923	0.105643	0.585354	-1.70837	0.00938553	0.368665	-2.71249
cg09396181	WNT7A	0.00396089	0.169247	0.830123	-1.20464	0.347162	1.13096	1.13096	0.000123026	2.34365	2.34365	0.4673	1.09859	1.09859	0.220564	1.1779	1.1779
cg13601836	WNT7A	0.00914161	0.924932	0.982805	-1.0175	0.00270658	2.14372	2.14372	0.57138	1.11101	1.11101	0.653748	1.08665	1.08665	0.182388	1.29752	1.29752
cg00625653	WNT7A	0.0140068	0.787064	0.959639	-1.04206	0.132449	1.28023	1.28023	0.000654804	2.21384	2.21384	0.760413	0.954528	-1.04764	0.80341	1.03868	1.03868
cg22112133	WNT7A	0.0151987	0.0436991	0.406762	-2.45844	0.0206496	0.339166	-2.94841	0.00207611	0.18605	-5.37489	0.180206	0.575738	-1.7369	0.00192482	0.182089	-5.49182

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01311674	0.0276291	4.92888	4.92888	0.45332	1.59664	1.59664	0.00144834	16.7586	16.7586	0.0872072	3.1794	3.1794	3.62925	21.564	5.28155	1
cg14448169	0.206747	0.261098	-3.82998	0.230237	0.281008	-3.55862	0.0128282	22.5733	22.5733	0.0834703	6.90419	6.90419	3.48584	56.1462	14.3173	1
cg26690075	0.823167	1.18691	1.18691	0.0181102	0.111102	-9.00074	0.0108639	11.5697	11.5697	0.191162	2.88503	2.88503	3.46636	32.1754	8.25084	1
cg16868298	0.421863	1.77027	1.77027	0.339694	0.504096	-1.98375	0.00436914	14.156	14.156	0.094109	3.60111	3.60111	3.44491	26.4371	6.82155	1
cg01830294	0.411385	1.05156	1.05156	0.000167898	0.681539	-1.46727	1.09E-07	2.78402	2.78402	7.81E-06	1.79791	1.79791	55.0383	3.12323	0.0504414	1
cg15181905	0.320375	0.810568	-1.2337	0.414691	1.18595	1.18595	0.979201	0.994682	-1.00535	0.0195101	0.561333	-1.78147	17.1579	11.3695	0.589012	1
cg03794862	0.713477	1.10371	1.10371	0.0698602	0.581367	-1.72008	0.28975	1.34178	1.34178	0.969864	1.01016	1.01016	7.98144	9.0493	1.00782	1
cg06987468	0.766694	1.04757	1.04757	0.314073	0.849924	-1.17658	0.000593121	2.2895	2.2895	0.0150594	1.59461	1.59461	6.48789	2.50654	0.343415	1
cg20064455	0.919904	0.985064	-1.01516	0.761261	0.955432	-1.04665	0.0113593	1.60668	1.60668	0.00178926	1.94439	1.94439	4.9713	1.76246	0.315135	1
cg02485092	0.530354	1.41888	1.41888	0.478594	0.672661	-1.48663	0.00312846	9.24317	9.24317	0.0627272	3.1667	3.1667	4.02964	19.3358	4.26523	1
cg12365177	0.0192091	0.366306	-2.72996	0.0481083	2.22742	2.22742	0.16913	1.6809	1.6809	0.930408	0.969509	-1.03145	3.88291	7.72878	1.7693	1
cg08825837	0.039993	0.712112	-1.40427	0.332191	0.866678	-1.15383	0.647347	0.936245	-1.0681	0.017899	1.50922	1.50922	3.76832	1.22096	0.288006	1
cg01250407	0.60208	0.890987	-1.12235	0.0120424	0.503048	-1.98788	0.602179	1.12232	1.12232	0.143345	1.41206	1.41206	3.54828	2.70539	0.677736	1
cg19510038	0.855256	1.02533	1.02533	7.70E-05	0.374887	-2.66747	0.7494	1.04488	1.04488	0.0853533	1.29766	1.29766	7.90803	2.35068	0.264225	1
cg04571584	0.00462419	0.438089	-2.28264	0.157898	1.39195	1.39195	0.0484089	0.610213	-1.63877	0.056015	0.622447	-1.60656	7.03074	5.34205	0.675389	1
cg01964467	0.500275	0.868103	-1.15194	0.113627	1.42743	1.42743	0.69061	0.92062	-1.08622	0.603239	1.11449	1.11449	6.34496	4.29461	0.601647	1
cg20013286	0.0486326	0.518767	-1.92765	0.000196125	0.161278	-6.20048	0.831189	1.06418	1.06418	0.926292	0.973397	-1.02733	6.28957	8.45814	1.19537	1
cg08741842	0.234739	0.723891	-1.38142	0.0936277	0.619811	-1.6134	0.12269	1.54328	1.54328	0.036089	0.531321	-1.8821	5.82906	6.21335	0.94749	1
cg00255837	0.533329	0.901459	-1.10931	0.783853	0.955796	-1.04625	0.239402	1.22455	1.22455	0.266679	1.2096	1.2096	4.10497	1.75773	0.380618	1
cg26690876	0.396895	0.781798	-1.2791	0.00810782	0.382157	-2.61672	0.16051	0.653512	-1.53019	0.0914699	0.590163	-1.69445	4.07527	5.19681	1.13352	1
cg14252850	0.681027	0.911631	-1.09694	0.534108	1.15137	1.15137	0.245584	0.761968	-1.31239	0.436732	0.837281	-1.19434	3.76221	2.98557	0.705394	1
cg21454231	0.000594784	1.35491	1.35491	0.28503	1.06569	1.06569	0.000364663	0.720905	-1.38715	0.718985	1.02092	1.02092	20.675	1.07492	0.0462148	1
cg24334335	0.0111479	1.42002	1.42002	0.371251	1.10649	1.10649	0.00279473	0.634976	-1.57486	0.0118028	1.41424	1.41424	11.27	2.16859	0.171041	1
cg19088141	0.0258572	0.579493	-1.72565	0.0116684	0.522063	-1.91548	0.0475439	1.59578	1.59578	0.043286	0.619169	-1.61507	8.26509	5.56671	0.598685	1
cg11140897	0.532083	1.23387	1.23387	0.00313668	3.82284	3.82284	0.00536652	3.37865	3.37865	0.580619	0.830856	-1.20358	5.1941	9.07054	1.55228	1
cg08739433	0.0141983	9.58089	9.58089	0.00460172	16.7271	16.7271	0.00502647	15.9888	15.9888	0.0157985	9.10431	9.10431	4.71614	41.6722	7.8543	1
cg19722720	0.000694302	0.315617	-3.1684	0.0109404	0.490853	-2.03727	0.286068	0.781248	-1.28	0.489061	1.16952	1.16952	4.48074	3.52341	0.698974	1
cg21998473	0.138105	0.84863	-1.17837	0.115785	0.838844	-1.19212	0.40758	0.916601	-1.09099	0.557032	1.06296	1.06296	4.33487	0.725493	0.148766	1
cg18941031	0.00344884	1.251	1.251	0.116054	1.1011	1.1011	0.0175015	1.17711	1.17711	4.31E-05	1.54957	1.54957	23.5127	1.18393	0.0447581	1
cg20656587	0.0649295	1.65741	1.65741	0.00102764	3.27373	3.27373	0.16167	1.43951	1.43951	0.588738	1.14232	1.14232	11.4271	10.7543	0.836555	1
cg19434433	0.0341726	1.43375	1.43375	6.21E-05	0.340946	-2.93302	0.222696	1.20538	1.20538	0.465421	0.897366	-1.11437	9.85555	3.31693	0.299159	1
cg24389488	0.0498178	0.64437	-1.5519	0.000564582	0.35003	-2.8569	0.870757	1.0325	1.0325	0.0833036	0.686196	-1.45731	9.1622	5.59906	0.543204	1
cg21330419	0.00201435	0.533557	-1.87421	0.00156271	1.92573	1.92573	0.213477	0.827892	-1.20789	0.546405	1.09199	1.09199	7.26042	2.39025	0.292636	1
cg01163049	0.33703	0.855749	-1.16857	0.0135488	1.61748	1.61748	0.697545	0.940386	-1.06339	0.769514	0.954812	-1.04733	6.67389	2.61805	0.348696	1
cg01440864	0.0850425	1.4202	1.4202	0.000133842	3.38482	3.38482	0.0183106	1.69463	1.69463	0.444851	1.15429	1.15429	6.10363	3.28063	0.477767	1
cg01823428	0.127607	0.665101	-1.50353	0.0778306	1.62436	1.62436	0.00276106	0.359829	-2.7791	0.775741	0.931739	-1.07326	5.89537	5.7216	0.862688	1
cg24114556	0.107043	1.96576	1.96576	0.00135972	5.96793	5.96793	0.0169546	0.32669	-3.061	0.529868	1.27697	1.27697	5.39073	12.6007	2.07775	1
cg06491244	0.139061	0.727436	-1.37469	0.209502	0.767696	-1.3026	0.831357	0.958271	-1.04355	0.0525364	0.643666	-1.5536	5.31741	3.36416	0.562373	1
cg08358943	0.329544	0.791375	-1.26362	0.606446	1.12844	1.12844	0.414599	0.823724	-1.214	0.324146	0.789165	-1.26716	4.8814	4.18027	0.761215	1
cg23658721	0.0187986	0.723421	-1.38232	0.277761	1.13698	1.13698	0.0651025	0.79013	-1.26562	0.940276	1.00856	1.00856	4.21531	0.86366	0.182121	1
cg00140914	0.751674	0.938517	-1.06551	0.499159	1.14698	1.14698	0.00613006	0.489248	-2.04396	0.320713	0.814582	-1.22762	4.11435	2.60347	0.56247	1
cg02017282	0.142837	2.15382	2.15382	0.00604477	5.737	5.737	0.534028	0.735781	-1.3591	0.0441515	3.08475	3.08475	3.77749	14.1986	3.34111	1
cg15237742	0.0291301	2.13646	2.13646	0.0618749	1.86046	1.86046	0.0521367	0.520877	-1.91984	0.0737372	1.80141	1.80141	3.60987	4.98401	1.22726	1
cg07879727	0.000370212	4.04083	4.04083	0.762244	1.07719	1.07719	0.0414847	1.77911	1.77911	0.000160081	4.85734	4.85734	10.0182	9.52788	0.845381	1
cg12359809	0.00278536	0.545217	-1.83413	0.000140385	0.38018	-2.63034	0.30714	1.16829	1.16829	0.00680206	0.596944	-1.6752	36.7676	12.605	0.304736	1
cg26921638	4.48E-05	3.4927	3.4927	0.00187993	0.489955	-2.04101	9.57E-05	3.0773	3.0773	0.00139304	2.1163	2.1163	28.9146	11.9971	0.368813	1
cg26332740	0.00444373	0.245635	-4.07109	0.00240815	0.209379	-4.77603	1.52E-05	27.4958	27.4958	0.694268	1.15734	1.15734	15.85	34.3455	1.92614	1
cg09369927	0.13464	1.35774	1.35774	9.78E-05	0.269123	-3.71578	0.00576257	1.98574	1.98574	0.464996	1.15141	1.15141	13.4695	7.66832	0.506053	1
cg13864473	0.554835	0.888187	-1.12589	0.0895975	1.44992	1.44992	0.0574616	1.53193	1.53193	0.543945	0.88521	-1.12968	12.0468	7.51832	0.554749	1
cg09075558	0.00354852	0.286286	-3.49301	0.0450678	0.482948	-2.07062	0.013069	2.64969	2.64969	0.00406261	0.294954	-3.39036	11.7943	18.7138	1.41038	1
cg11298786	0.027634	0.562957	-1.77634	0.0201737	0.538922	-1.85556	0.00207881	2.60186	2.60186	0.269528	0.775933	-1.28877	10.9635	8.45237	0.685293	1
cg00779928	0.744981	0.966446	-1.03472	0.000171732	1.94958	1.94958	0.0408348	1.28002	1.28002	0.00419557	1.49339	1.49339	9.54325	1.65282	0.153949	1
cg20976159	0.14119	1.46029	1.46029	0.00193355	0.350026	-2.85693	0.00137466	3.03637	3.03637	0.151072	1.44507	1.44507	8.49211	7.70044	0.806023	1
cg10019916	0.379764	0.913573	-1.0946	0.0358665	0.782756	-1.27754	0.000116391	1.96888	1.96888	0.734945	1.03468	1.03468	8.27681	1.31932	0.141689	1
cg16170838	0.402741	1.13093	1.13093	0.000533871	0.460931	-2.16952	0.266781	1.18086	1.18086	0.00170223	0.525232	-1.90392	7.06712	2.31088	0.290658	1
cg09316122	0.251374	0.865881	-1.15489	0.102818	0.806962	-1.23922	0.00163681	1.71949	1.71949	0.00424263	1.58398	1.58398	6.69212	1.53055	0.203297	1
cg15058266	0.0751812	0.530463	-1.88514	0.00457349	0.29874	-3.34739	0.0606596	0.508249	-1.96754	0.0723032	0.526344	-1.8999	6.52066	10.5745	1.44151	1
cg07204739	0.742153	1.219	1.219	0.374603	0.578891	-1.72744	0.777235	1.18547	1.18547	0.319761	0.539717	-1.85282	6.30131	35.9065	5.06513	1
cg22519189	0.510831	1.39722	1.39722	0.0084131	0.184915	-5.40788	0.979864	1.01274	1.01274	0.00502228	0.155457	-6.43264	5.27646	21.018	3.54075	1
cg08037440	0.679829	0.933376	-1.07138	0.0786197	0.72286	-1.38339	0.00565383	1.8281	1.8281	0.519148	1.11469	1.11469	4.90307	2.14349	0.388599	1
cg19911850	0.312542	0.654838	-1.52709	0.00132276	0.150622	-6.63915	0.00744161	0.247364	-4.04262	0.0390255	0.379774	-2.63315	4.8775	12.6876	2.31223	1
cg13935480	0.713127	0.797682	-1.25363	0.601275	0.724153	-1.38092	0.0110231	0.141999	-7.0423	0.036188	0.225121	-4.44205	4.36414	25.8994	5.27519	1
cg09511896	0.0620765	0.347888	-2.87449	0.0509499	0.327076	-3.05739	0.0166885	4.344	4.344	0.215458	0.51927	-1.92578	4.11671	16.4725	3.55679	1
cg21934230	0.16038	0.382703	-2.61299	0.012434	0.13638	-7.33244	0.0522945	0.24326	-4.11084	0.109648	0.327257	-3.0557	3.66009	23.7777	5.77465	1
cg03259874	0.010883	0.800269	-1.24958	0.0190171	1.21881	1.21881	0.50884	0.954367	-1.04781	0.608918	1.03662	1.03662	18.8252	1.4481	0.0683763	1
cg02839875	0.438519	1.11347	1.11347	0.186867	1.20963	1.20963	0.284791	0.859735	-1.16315	0.0684771	0.757727	-1.31974	9.04902	2.65175	0.260482	1
cg03133269	0.236172	0.920399	-1.08648	0.108343	0.889541	-1.12418	0.0719638	0.874398	-1.14364	0.437763	1.05432	1.05432	7.5581	0.534497	0.0628608	1
cg06398244	0.279558	1.28201	1.28201	0.96446	1.0099	1.0099	0.227881	0.755999	-1.32275	0.615002	0.893983	-1.11859	5.81742	4.49954	0.68752	1
cg10835795	0.0621844	0.638236	-1.56682	0.00199246	0.39314	-2.54362	0.692185	0.918417	-1.08883	0.75056	1.07059	1.07059	5.34879	3.87501	0.643969	1
cg23109424	0.618171	1.14227	1.14227	0.109406	1.58733	1.58733	0.21966	0.710583	-1.4073	0.0395425	0.532468	-1.87805	4.8961	5.43379	0.986506	1
cg07180649	0.967169	1.01094	1.01094	0.229359	0.716502	-1.39567	0.00831703	0.410024	-2.43888	0.670751	1.11966	1.11966	3.83778	4.24602	0.983445	1
cg13543375	0.0128784	1.80057	1.80057	0.190401	0.767914	-1.30223	0.0871272	0.69785	-1.43297	0.415012	1.17195	1.17195	3.66369	2.10444	0.510582	1
cg24216596	0.000155649	0.281776	-3.54892	0.436197	1.16809	1.16809	0.578532	1.11601	1.11601	4.69E-06	0.128508	-7.78161	43.7634	26.5158	0.538568	1
cg04941246	0.000112639	0.196999	-5.07616	0.586429	0.876752	-1.14057	0.462491	1.19613	1.19613	3.32E-06	0.0721647	-13.8572	41.7978	37.9543	0.807151	1
cg18010752	0.000136632	0.233849	-4.27627	0.0064466	0.45837	-2.18164	0.877795	0.966686	-1.03446	1.63E-05	0.141737	-7.05532	33.6941	25.874	0.682585	1
cg10701252	0.863552	1.05756	1.05756	2.06E-06	44.8364	44.8364	2.30E-05	15.7251	15.7251	0.00307564	3.73732	3.73732	32.6205	54.6828	1.49007	1
cg16049468	0.41371	1.10451	1.10451	0.00385886	0.629308	-1.58905	0.242903	0.864699	-1.15647	0.00324561	0.6203	-1.61212	31.3508	7.02681	0.199231	1
cg02867696	0.00039141	0.143579	-6.9648	0.468863	1.28803	1.28803	0.966942	1.01434	1.01434	2.75E-05	0.0585091	-17.0914	28.7975	53.8011	1.66068	1
cg23456221	0.00133708	0.234244	-4.26905	0.49519	0.806068	-1.24059	0.627922	1.16419	1.16419	9.95E-05	0.116526	-8.58175	24.6137	37.771	1.36404	1
cg08666668	0.000589139	0.188427	-5.3071	0.655749	1.15149	1.15149	0.902191	0.962086	-1.03941	0.000171143	0.134252	-7.44868	24.5016	38.3519	1.39136	1
cg00942997	0.202056	1.15058	1.15058	0.00103116	1.6592	1.6592	0.252337	0.882925	-1.1326	0.431926	0.91987	-1.08711	13.113	2.25206	0.15266	1
cg17553300	0.464636	1.59372	1.59372	0.000377933	35.0815	35.0815	0.000290385	40.482	40.482	0.00326083	12.3283	12.3283	11.7682	73.0965	5.52121	1
cg15361065	?	?	?	0.000629761	7.35972	7.35972	0.000306015	10.2491	10.2491	0.00167679	5.01189	5.01189	27.4761	20.333	0.616688	1
cg18562578	0.00318697	0.221395	-4.51681	0.16135	0.571197	-1.75071	0.302115	1.4922	1.4922	8.51E-05	0.0710896	-14.0668	10.975	24.366	1.97346	1
cg20000481	0.254541	0.753542	-1.32707	0.430963	0.825976	-1.21069	0.627284	0.890135	-1.12342	0.0114715	0.471287	-2.12185	10.2852	9.21542	0.796434	1
cg09435227	0.244213	0.861138	-1.16125	0.0103829	1.48597	1.48597	0.675421	0.949637	-1.05303	0.105228	0.804757	-1.24261	10.0783	2.40349	0.211985	1
cg27364162	0.00478806	0.382728	-2.61282	0.501641	1.19116	1.19116	0.544115	1.17057	1.17057	0.000174513	0.19519	-5.12321	9.87555	10.2911	0.926293	1
cg11581280	0.593177	0.894859	-1.11749	0.653351	0.911075	-1.0976	0.0247197	0.57646	-1.73473	0.0720702	0.661268	-1.51225	9.58597	6.44301	0.597448	1
cg11293176	0.0399511	0.346924	-2.88248	0.0362632	0.337733	-2.96092	0.727785	0.85573	-1.16859	0.00872408	0.225394	-4.43667	9.41562	29.644	2.79856	1
cg17679453	0.0594016	0.38944	-2.56779	0.544802	0.762153	-1.31207	0.0080939	4.49418	4.49418	0.0288213	0.319062	-3.13419	8.13803	25.3116	2.7647	1
cg08852968	0.523242	0.835265	-1.19722	0.598876	1.15915	1.15915	0.287051	1.36012	1.36012	0.000316912	0.197315	-5.06803	7.73698	9.48605	1.08984	1
cg24049183	0.0270117	0.415923	-2.40429	0.00315358	0.250305	-3.99513	0.497393	0.798334	-1.25261	0.84308	1.06679	1.06679	7.94046	13.0966	1.28283	1
cg15051960	0.0548273	0.796063	-1.25618	0.262117	1.13027	1.13027	0.00331222	1.5203	1.5203	0.223057	1.14349	1.14349	6.78683	1.1789	0.154403	1
cg01777121	0.500379	0.827514	-1.20844	0.0541755	1.83097	1.83097	0.35803	1.29902	1.29902	0.000279235	0.192969	-5.18219	6.75736	8.1989	1.07851	1
cg14507014	0.0557684	0.252013	-3.96805	0.00859074	0.118649	-8.42823	0.0326527	0.203957	-4.90298	0.0088783	0.120295	-8.31287	6.74643	43.2134	5.69367	1
cg04685478	0.0249238	0.725328	-1.37869	0.00296581	1.63348	1.63348	0.168457	0.838126	-1.19314	0.729055	1.04273	1.04273	6.46175	1.48177	0.203834	1
cg20746482	0.077375	0.448812	-2.2281	0.907305	0.953582	-1.04868	0.80994	0.906361	-1.10331	0.000384745	0.0990749	-10.0934	5.73299	15.1184	2.34408	1
cg02708401	0.130905	1.34465	1.34465	0.168885	0.766333	-1.30492	0.00562724	0.516941	-1.93446	0.217631	1.26551	1.26551	5.19596	2.71259	0.464052	1
cg26116485	0.0934138	0.553158	-1.8078	0.000291387	0.150274	-6.65451	0.038724	0.463883	-2.15572	0.247499	0.678427	-1.474	5.13675	8.37663	1.44953	1
cg02298472	0.0284522	0.117495	-8.51103	0.00501715	0.0462298	-21.6311	0.0651883	0.180082	-5.55303	0.0645032	0.179104	-5.58336	4.92998	53.5429	9.65393	1
cg01109065	0.960486	1.02333	1.02333	0.00883888	4.71773	4.71773	0.00330348	6.44061	6.44061	0.0501291	2.82791	2.82791	4.22734	14.5039	3.04975	1
cg06311863	0.515401	1.83046	1.83046	0.0082139	22.1861	22.1861	0.0216665	12.5158	12.5158	0.0270436	11.0165	11.0165	4.05977	54.0229	11.8284	1
cg08832220	0.0657983	3.46242	3.46242	0.00675146	8.27024	8.27024	0.00805269	7.7071	7.7071	0.732956	1.2288	1.2288	3.78524	21.6975	5.09523	1
cg15585318	0.848702	1.05873	1.05873	0.0019722	0.270768	-3.6932	0.140467	0.622632	-1.60608	0.0829222	0.563442	-1.77481	3.75234	5.30555	1.25683	1
cg10250321	0.647738	1.04423	1.04423	0.737338	1.03218	1.03218	0.0210206	1.29845	1.29845	0.00403394	1.43819	1.43819	3.69414	0.517905	0.124619	1
cg05048976	0.0796795	3.32088	3.32088	0.0062608	9.00911	9.00911	0.0143156	6.4473	6.4473	0.80752	1.16256	1.16256	3.41005	20.5656	5.36078	1
cg02063833	0.00352163	0.375529	-2.66291	0.000121402	0.189876	-5.2666	0.65883	0.89585	-1.11626	0.00145638	0.320425	-3.12086	11.0723	10.7435	0.862488	1
cg23757341	0.0123177	0.58826	-1.69993	0.075129	0.713651	-1.40124	0.144675	0.765905	-1.30564	0.130115	0.757052	-1.32091	5.61948	2.57916	0.407972	1
cg19591105	0.313748	1.17912	1.17912	0.578633	1.09278	1.09278	0.103693	0.754713	-1.32501	0.0272067	0.661408	-1.51193	4.47978	1.77455	0.352111	1
cg10696062	0.0980405	1.55924	1.55924	0.0110707	2.18103	2.18103	0.187362	1.40779	1.40779	0.394162	1.23816	1.23816	4.21513	3.99939	0.843394	1
cg02035605	0.0406904	0.491225	-2.03573	0.0596158	0.527559	-1.89552	0.308525	1.37308	1.37308	0.0384536	0.48606	-2.05736	4.17601	5.98526	1.274	1
cg24283049	0.051035	0.64051	-1.56126	0.00449251	0.467978	-2.13685	0.340029	0.821096	-1.21788	0.00530029	0.478707	-2.08896	10.3791	6.60554	0.565712	1
cg25283799	0.426079	1.0938	1.0938	0.000533513	1.81248	1.81248	0.0261761	1.3378	1.3378	0.249247	0.875596	-1.14208	8.955	1.72605	0.171331	1
cg01268901	0.0533396	1.31514	1.31514	0.106407	0.80248	-1.24614	0.832829	1.02673	1.02673	0.000145117	0.44198	-2.26254	8.59512	2.12048	0.219296	1
cg02824489	0.454297	0.915809	-1.09193	0.000899161	1.7743	1.7743	0.283706	0.879404	-1.13713	0.644661	0.947825	-1.05505	7.79788	1.64427	0.187432	1
cg06231565	0.00327454	0.54558	-1.83291	0.0138044	1.5842	1.5842	0.860815	0.973818	-1.02689	0.299517	0.849982	-1.1765	7.62448	2.75958	0.321722	1
cg05175896	0.0272021	2.10004	2.10004	0.0015236	3.6528	3.6528	0.000999627	4.00279	4.00279	0.0821393	1.7275	1.7275	6.82954	8.71435	1.1342	1
cg21338112	0.548233	1.0897	1.0897	0.0058882	1.66446	1.66446	0.462237	1.11161	1.11161	0.316788	0.863881	-1.15757	5.54431	1.75529	0.281416	1
cg10302498	0.130417	0.580109	-1.72381	0.0271144	0.418081	-2.39188	0.101463	1.81807	1.81807	0.0219406	0.39996	-2.50025	5.52589	9.72593	1.5645	1
cg25891078	0.0321961	0.334838	-2.98652	0.0220632	0.301996	-3.3113	0.221764	0.57116	-1.75082	0.0463558	0.369629	-2.70542	5.26756	15.868	2.67769	1
cg08528444	0.0283908	0.389969	-2.56431	0.0136538	0.32946	-3.03527	0.133738	0.555067	-1.80158	0.0278997	0.388423	-2.57451	4.86971	10.2174	1.86503	1
cg23667127	0.0265938	2.13632	2.13632	0.58882	0.854169	-1.17073	0.356423	0.76036	-1.31517	0.278575	0.722234	-1.38459	4.85785	6.41831	1.17442	1
cg10518873	0.237306	0.761678	-1.31289	0.554866	1.14035	1.14035	0.510781	1.15798	1.15798	0.0109148	0.495308	-2.01895	3.95866	3.03144	0.680688	1
cg01053259	0.778335	1.07003	1.07003	0.158605	1.43543	1.43543	0.407778	0.816191	-1.2252	0.567186	0.870462	-1.14882	3.58815	3.26964	0.809984	1
cg14639163	0.0118088	3.06267	3.06267	0.84095	1.07415	1.07415	0.000656557	6.41456	6.41456	0.0160044	2.857	2.857	7.21105	14.4739	1.78416	1
cg07714657	0.493068	1.38023	1.38023	0.0769179	0.402276	-2.48585	0.793387	0.885579	-1.12921	0.645334	0.806909	-1.2393	5.51058	18.7037	3.01702	1
cg25242471	0.0485693	4.60513	4.60513	0.755578	1.23572	1.23572	0.00402606	13.7198	13.7198	0.0309753	5.56656	5.56656	4.6436	33.7884	6.46785	1
cg06795233	0.0895734	3.99356	3.99356	0.00433482	16.7869	16.7869	0.0103791	10.8922	10.8922	0.0407547	5.74005	5.74005	3.82338	33.1427	7.70528	1
cg13903421	0.370339	1.91225	1.91225	0.0291057	6.12434	6.12434	0.00777174	11.1192	11.1192	0.0437309	5.12264	5.12264	3.65881	28.7768	6.99117	1
cg22344703	0.185561	2.14539	2.14539	0.447747	0.656565	-1.52308	0.186087	0.466592	-2.1432	0.00575154	7.15755	7.15755	3.63076	17.0028	4.16265	1
cg23154059	0.11664	2.52515	2.52515	0.353181	0.595075	-1.68046	0.0280285	0.244111	-4.0965	0.0119265	5.50055	5.50055	3.63025	16.9741	4.15622	1
cg10000424	0.495104	1.45036	1.45036	0.0966254	0.365063	-2.73925	?	?	?	0.555395	0.726378	-1.37669	4.36325	16.6679	2.86505	1
cg26121234	0.000258865	0.322428	-3.10146	0.000193803	0.306941	-3.25796	0.000581645	0.367275	-2.72276	0.00421974	0.48608	-2.05727	16.0663	9.02161	0.499132	1
cg04969808	0.783368	0.94701	-1.05596	0.366927	0.832676	-1.20095	0.208183	0.769399	-1.29972	0.0945737	1.43765	1.43765	14.354	8.87265	0.549449	1
cg01166979	0.346842	1.13728	1.13728	0.0916567	0.78143	-1.27971	0.153447	0.816297	-1.22504	0.0829827	1.29035	1.29035	13.262	3.70399	0.248262	1
cg17613214	0.0627367	0.597281	-1.67425	0.624283	0.885601	-1.12918	0.333283	1.27841	1.27841	0.27108	0.754279	-1.32577	11.4094	10.9448	0.852691	1
cg11931776	0.0311486	0.613778	-1.62925	0.583361	1.11282	1.11282	0.0958805	0.702619	-1.42325	0.838477	0.961377	-1.04017	8.56907	5.05439	0.524304	1
cg21224025	0.0143322	0.40061	-2.4962	0.0218145	0.434338	-2.30236	0.0440028	0.495997	-2.01614	0.144938	0.622328	-1.60687	8.1778	11.8883	1.2922	1
cg09396181	0.834926	1.02688	1.02688	0.0176595	0.692859	-1.44329	0.86541	0.978664	-1.0218	0.0604429	1.30888	1.30888	7.87578	2.01604	0.227537	1
cg13601836	0.493201	0.879788	-1.13664	0.000320642	2.92022	2.92022	0.920813	1.01847	1.01847	0.856281	1.03393	1.03393	6.08215	3.26281	0.47685	1
cg00625653	0.470176	0.894229	-1.11828	0.0119994	0.620746	-1.61097	0.733348	0.949298	-1.05341	0.991666	1.00159	1.00159	5.29905	1.94313	0.325951	1
cg22112133	0.0260349	0.358891	-2.78636	0.113884	0.513107	-1.94891	0.377658	0.703861	-1.42074	0.192185	0.585353	-1.70837	5.15819	12.2951	2.11876	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg18225424	WNT7A	0.0226396	0.372917	0.779236	-1.28827	0.953723	0.085706	-1.0145	0.0396695	0.554249	-1.80424	0.6469981	0.88276	-1.12012	0.2509871	1.33853	1.33853	0.0763994	1.63075	1.63075	0.00243851	2.84755	2.84755	0.0319065	1.85568	1.85568	0.4246484	1.22416	1.22416	4.50912	4.3954	0.866434	1
cg10460033	WNT7A	0.0226525	0.0525759	0.446784	-2.23822	0.00937774	0.299909	-3.33434	0.016019	0.340343	-2.93822	0.00250804	0.21553	-6.63973	0.0478443	0.437321	2.28665	0.100009	0.517436	-1.93261	0.0350399	0.4074	-2.45431	0.403327	0.731515	-1.36703	0.0666501	0.471529	-2.12076	4.50843	9.54273	1.88146	1
cg23655615	WNT7A	0.0340155	0.0318561	0.199868	-5.00331	0.273812	0.482419	-2.07289	0.0134836	0.141166	-7.08385	0.483155	0.633691	-1.57806	0.00173317	0.0569533	-17.5582	0.0600082	0.257137	-3.88897	0.09781	0.312658	-3.19838	0.223386	0.44092	-2.26798	0.3696487	0.554488	-1.80346	3.9072	25.3556	5.7684	1
cg10771871	WNT7A	0.1842722	0.695335	-1.43816	0.0553419	1.75247	1.75203	0.00345574	0.358625	-2.78846	0.22249	0.718104	-1.39256	0.0613055	0.580077	-1.72391	2.203926	0.707281	-1.41307	0.0477883	0.5573491	-1.79421	0.9663361	1.03096	1.03096	0.9639146	0.990059	-1.01004	3.90258	4.12364	0.9392038	1
cg06653203	WNT7A	0.034863	0.780767	0.915876	-1.09185	0.247096	1.46399	1.46399	0.911153	0.965455	-1.03578	0.268534	1.43757	1.43757	0.0164786	0.397377	2.51565	0.969109	1.01227	1.01227	0.00483678	0.308183	-3.24483	0.360968	1.34416	1.34416	0.0475235	0.489747	-2.04187	3.87262	6.08391	1.39645	1
cg13602813	WNT7A	0.2423399	0.764994	1.03635	1.03635	0.192078	1.17873	1.17873	0.684714	1.04981	1.04981	0.121829	2.12105	2.12105	0.471264	1.09119	1.09119	0.393714	0.90119	-1.10964	0.00170245	0.586459	-1.70515	0.469908	1.09149	1.09149	0.4594672	1.09184	1.09184	1.60653	0.81003	0.199646	1
cg13672747	WNT7A	0.042728	0.540667	0.869817	-1.14967	0.00219868	2.62942	2.62942	0.113317	0.678387	-1.47408	0.61071	1.12256	1.12256	0.274413	0.774073	-1.29187	0.435043	0.835816	-1.19644	0.22571	0.750891	-1.33175	0.188747	0.730839	-1.36829	0.861264	1.04018	1.04018	3.59432	2.88665	0.71388	1
cg01880607	WNT7A	0.0004612	0.0337304	0.674535	-1.48238	2.08E-05	3.93383	3.92383	0.0013291	0.34182	-3.34182	0.0554825	1.42122	1.42122	0.0878602	0.7416	-1.34844	0.0036249	1.93673	1.93673	0.373059	1.2587	1.2587	0.30427	0.84458	-1.18402	0.00350568	1.78441	1.78441	14.5711	5.81179	0.354539	1
cg20539366	WNT7B	0.00771866	0.00265611	0.458428	-2.18137	0.00774005	0.400649	-2.49595	0.00058509	0.384224	-2.60265	0.186122	0.777262	-1.28657	0.264998	0.813539	-1.23223	0.0353637	0.643743	-1.55342	0.00204309	0.335374	-2.98174	0.201238	1.27459	1.27459	0.00115549	0.423915	2.39185	6.67845	0.454906	1
cg15618137	WNT7B	0.00667676	0.0175595	0.763126	-1.3104	0.00386341	1.43924	1.43924	0.0430043	1.24339	1.24339	0.0182983	0.764995	-1.3072	0.47421	1.07044	1.07044	0.507588	0.939051	-1.0649	0.0293843	0.786614	-1.27127	0.752008	0.97078	-1.0301	0.032183	1.26454	1.26454	6.7132	0.9304429	0.123197	1
cg20995533	WNT7B	0.00682056	0.0175324	0.7659	-1.30564	0.00386154	1.61628	1.61628	0.0229447	1.26536	1.26536	0.0126205	0.770468	-1.29791	0.349099	1.13986	1.13986	0.10264	1.55712	1.55712	0.0485374	0.700791	-1.4269	0.0918214	1.75118	1.75118	0.0702764	0.569898	-1.75499	1.04029	6.66898	6.50783	0.2867411	1
cg14400292	WNT7B	0.0068202	0.0228302	0.775719	-1.28913	0.00026463	2.46224	2.46224	0.215772	0.838664	-1.19237	0.020764	1.45636	1.45636	0.398862	1.12372	1.12372	0.925969	1.01263	1.01263	0.826587	0.970803	-1.03008	0.902779	0.983632	-1.01664	0.158854	0.815968	-1.22554	0.668896	1.92645	0.256771	1
cg08812593	WNT7B	0.00980317	0.042173	0.597338	-1.68391	0.00289342	0.615039	-1.62591	0.793171	0.969681	-1.03171	0.219149	0.883378	-1.13459	0.764486	0.97157	-1.02926	0.0617788	1.20277	1.20277	0.0620198	0.832683	1.20277	1.20277	0.0620198	0.832683	1.20277	1.20277	0.0620198	0.832683	1.20277	1.20277	0.0620198	0.832683
cg04534636	WNT7B	0.0118609	0.458953	0.896828	-1.11504	0.04125572	1.40493	1.40493	0.09005596	1.30968	1.30968	0.506787	1.10215	1.10215	0.6630353	1.06535	1.06535	0.781591	0.960661	-1.04095	0.00057285	0.46303	-2.15969	0.0635253	0.739879	-1.35157	0.711372	0.947746	-1.05513	5.59461	1.84764	0.293559	1
cg13458651	WNT7B	0.0130562	0.171912	1.23967	1.23967	0.0437248	1.40848	1.40848	0.0504694	1.38886	1.38886	0.0178868	0.653566	-1.53007	0.417641	0.88482	-1.13017	0.504293	1.05329	1.05329	0.0099442	0.618158	-1.61771	0.016945	0.650324	-1.5377	0.434859	1.12492	1.12492	5.525	1.87452	0.307283	1
cg22413388	WNT7B	0.2192116	7	7	7	0.172335	0.501106	-1.99559	0.0552705	0.772236	-1.28665	0.0852428	0.5048	2.50458	0.0033526	0.34914	-6.6794	0.0088273	0.183297	-5.45562	7	7	7	0.666862	0.833312	1.20003	0.50458	14.3216	2.1739	1
cg04500878	WNT7B	0.0422645	0.0273237	0.619171	-1.61506	0.00439393	0.68287	-1.46441	0.0248665	0.612496	-1.63266	0.303667	0.822355	-1.21602	0.0224589	0.605343	-1.65196	0.0306707	0.627433	-1.59379	0.266336	1.23692	1.23692	0.41933	0.859431	-1.16356	0.0352299	0.637461	-1.56872	3.60891	1.92637	0.474473	1
cg07009463	WNT7B	0.048795	0.0440869	0.57272	-1.74525	0.0446417	0.80408	-1.24366	0.352407	0.86879	-1.15103	0.253844	0.839325	-1.19143	0.01294	0.615414	-1.57376	0.470107	1.11406	1.11406	0.0203157	1.50864	1.50864	0.90943	0.983487	-1.01679	0.086769	0.907566	-1.10244	3.42015	1.1704	0.304184	1
cg08603768	WNT7B	0.00747354	0.108618	0.762496	-1.31162	0.222441	0.819827	-1.21977	1.6E-05	0.291091	-3.43533	0.2806539	2.29228	2.29228	0.0016454	0.498142	-2.00746	0.515164	1.1022	1.1022	0.0104455	1.61658	1.61658	0.96941	1.00594	1.00594	0.0312323	0.677804	-1.47535	12.7742	4.85698	0.337971	1
cg18999360	WNT7B	0.00804196	0.437645	0.829277	-1.20587	0.000449315	0.311953	-3.20562	0.0248203	0.531727	-1.88066	0.722813	1.08785	1.08785	0.0037512	0.396473	-2.52224	0.00251975	0.370923	-2.69598	0.122527	0.673236	-1.48536	0.218041	0.736123	-1.35847	0.459405	0.836853	-1.19495	6.33371	5.60779	0.783011	1
cg09513026	WNT9A	0.0227053	0.155976	0.764243	-1.30793	0.0096963	1.21573	1.21573	0.0044382	0.442743	-2.25865	0.138554	0.893789	-1.11925	0.760464	0.947317	-1.05561	0.878172	1.02752	1.02752	0.0209716	1.64021	1.64021	0.96042	0.983155	-1.16502	0.230255	0.800294	-1.24954	4.50983	2.23503	0.444015	1
cg15907795	WNT9A;WNT8A	0.0076569	0.0133668	0.353197	-2.83128	0.000569	0.542837	-1.84217	0.000587125	0.164611	-6.07493	0.0152023	0.363233	-2.75305	0.00487162	0.281479	-3.55267	0.203228	0.633695	-1.57805	0.127482	0.571346	-1.75025	0.00554699	0.290057	-3.4476	0.254261	0.667148	-1.49831	6.43213	11.7519	1.62405	1
cg20462140	WNT9B	6.43E-05	0.0019556	0.443903	0.0015734	0.0275552	0.675552	-1.48027	0.0116443	0.164453	-7.08075	0.0003516615	0.36425	-2.74537	0.0032119	0.493049	-2.0282	0.617788	0.85335	-1.1025	0.362098	1.17908	1.17908	0.40442216	0.644084	-2.25383	0.000295431	0.554675	-2.81964	14.9055	3.1E-05	0.435551	1
cg07570687	WNB	0.00142423	0.463937	0.873374	-1.14498	0.332573	1.19907	1.19907	0.190572	0.777442	-1.28627	8.05E-05	0.274571	-3.64204	0.554678	1.11464	1.11464	0.00148111	0.434815	-2.29983	0.0199632	0.600433	-1.66546	0.0126329	0.56942	-1.75617	0.00411677	0.407111	-2.01163	10.637	5.55743	0.464412	1
cg04542625	WNB	0.00156921	0.00251145	0.57152	-1.74972	0.00218296	0.439196	-2.27689	0.464243	0.905352	-1.10454	0.110173	0.79261	-1.26162	0.619868	1.06902	1.06902	0.00553137	1.62688	1.62688	0.409618	1.11914	1.11914	0.0267892	1.41935	1.41935	0.905691	0.984304	-1.01595	10.3443	2.91903	0.250834	1
cg25227803	WNT9A	0.0170745	0.357049	1.96536	1.96536	0.74677	0.793056	-1.99559	0.0552705	0.772236	-1.28665	0.0852428	0.50482	-2.90238	0.0344	0.271138	3.6869	0.881249	1.11252	1.11252	0.0205573	0.921935	-1.08422	0.0389522	1.11468	-8.71993	0.0200148	0.195037	-4.96205	52.2207	7.16324	1
cg06671996	WNT9B	0.010322	0.0939642	0.673451	-1.48489	0.156557	0.722294	-1.38448	0.000478045	0.308244	-3.24418	0.0943278	0.673803	-1.48411	0.0399697	0.600698	-1.66473	0.576914	0.886039	-1.12862	0.8804634	0.659529	-1.51623	0.00258745	0.408044	-2.45071	0.954043	0.987704	-1.01245	5.85095	4.27053	0.648789	1
cg04958872	WNT9B	0.0172593	0.314266	0.81545	-1.34349	0.0424883	1.29309	1.13172	0.0228384	0.773491	-1.27214	0.0388209	0.920533	-1.08617	0.5307	0.663601	-1.50693	0.0927112	0.59167	-1.69013	0.0370536	0.329551	3.03443	0.0020864	0.174168	5.74193	0.0016674	0.408969	-2.44517	6.94617	6.33161	1.13289	1
cg26109803	WNT9B	0.0226536	0.324262	1.28536	1.28536	0.655496	1.1171	1.1171	0.00575057	0.268717	-3.72139	0.30108	1.30242	1.30242	0.9122191	0.752584	1.36503	0.186679	1.41224	1.41224	0.591965	0.875096	-1.14273	0.999856	1.00004	1.00004	0.47308	0.835131	0.834198	0.436498	0.856084	1
cg26195366	WNT9B	0.0270998	0.0015043	0.392524	-2.54762	0.356765	1.20106	1.20106	0.303496	1.22903	1.22903	0.0490199	0.642972	-1.55528	0.751471	1.06309	1.06309	0.102489	0.705569	-1.4173	0.215052	1.2881	1.2881	0.846286	1.03807	1.03807	0.346297	0.829025	-1.20624	4.67835	2.68684	0.446689	1
cg27453237	WNT9B;WNT8B	0.0127858	0.0168842	0.37926	-2.63726	0.00969663	0.291575	-3.43021	0.0047845	0.252347	-3.96397	0.0731252	0.319339	-3.13008	0.0	0.0	0.0	0.13055	1.58068	1.58068	0.0	1.04106	1.04106	0.0150775	2.3107	2.3107	0.206027	1.4536	1.4536	11.2282	0.0	14.4288	3.10092	1
cg03835761	WNT9A	0.00103461	0.0031061	0.280708	-3.56242	0.00431053	0.297591	-3.36032	0.0489889	0.480759	-2.04182	0.998391	1.00064	1.00064	0.1.4E-05	0.07599	-13.1596	0.397013	0.759244	-1.3171	0.00313091	0.27722	-3.60725	0.017026	0.361163	-2.76884	0.425881	0.772422	-1.29463	16.6535	18.615	1.41989	1
cg14041264	WNT9A	0.0012392	0.617738	1.1744	1.1744	0.0001756	0.1488	0.1488	0.0002466	0.14202	-7.0722	0.0001445	0.164453	-6.08075	0.0003516615	0.36425	-2.74537	0.0032119	0.493049	-2.0282	0.617788	0.85335	-1.1025	0.362098	1.17908	1.17908	0.0442216	0.644084	-2.25383	0.0002954	0.554675	-2.81964	14.9055	3.1E-05
cg25940008	WNT9A	0.00358524	0.00495126	0.632297	-1.58154	0.0064362	0.646279	-1.54732	0.0101926	0.670942	-1.49044	0.477935	0.914961	-1.09294	0.00281798	0.602404	-1.66002	0.139425	1.21643	1.21643	0.00832708	1.51499	1.51499	0.459778	0.911457	-1.09714	0.275442	0.869565	-1.15	8.11512	1.9502	0.213615	1
cg14343890	WNT9A	0.00687414	0.877296	1.02306	1.02306	0.6988217	1.34859	1.02471	0.8319925	-1.21962	0.850935	0.02819	1.02819	0.0152603	0.853555	1.17611	1.17611	0.854648	0.973196	-1.02754	0.00036282	0.430268	-2.32413	0.122467	1.27993	1.27993	0.0271331	0.74095	6.65422	2.29364	0.306464	1
cg20236987	WNT9A	0.00747755	0.357049	1.96536	1.96536	0.74677	0.793056	-1.99559	0.0552705	0.772236	-1.28665	0.0852428	0.50482	-2.90238	0.0344	0.271138	3.6869	0.881249	1.11252	1.11252	0.0205573	0.921935	-1.08422	0.0389522	1.11468	-8.71993	0.0200148	0.195037	-4.96205	52.2207	7.16324	1
cg17180977	WNA	0.0111398	0.984747	0.996923	-1.00309	0.467637	0.887694	-1.12651	0.187026	0.798174	-1.25286	0.000170117	0.356838	-2.80239	0.283112	0.835468	-1.19693	0.690791	0.937585	-1.06657	0.0185026	0.630998	-1.58479	0.1118314	0.756446	-1.32197	0.634354	0.925676	-1.08029	5.70923	2.34931	0.365772	1
cg16447690	WNA	0.0084547	0.0402902	0.647201	-1.54502	0.0432437	1.30147	1.30147	0.0468261	1.2975011	-2.10521	0.2144872	0.852158	-1.53337	0.0001	0.0	0.0	0.481734	0.7435	0.011295	0.0	0.45202	-2.21304	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg24312488	WNA	0.0263698	0.0125389	0.47117	-2.12238	0.0149758	0.672952	-1.48655	0.0114905	0.547711	-1.82577	0.426862	1.21726	1.21726	0.021245	0.511077	1.95665	0.213994	0.72828	-1.3731	0.0150946	0.484971	-2.06198	0.209254	0.725619	-1.37813	0.0299508	0.538545	-1.85686	4.2769	3.97799	0.826765	1
cg06641299	WNA	0.0277937	0.89552	0.98383	-1.01644	0.0235616	0.714963	-1.39867	0.117616	0.809876	-1.23476	0.74052	1.0421	1.0421	0.0911156	1.25974	1.25974	0.221499	0.852613	-1.17287	0.0021317	0.58538	-1.70826	0.708776	1.04765	1.04765	0.528523	1.08245	1.08245	4.1987	1.0238	0.216745	1
cg26682608	WNA	0.0111233	0.0754569	0.693047	-1.44202	0.0343108	1.05959	-1.06948	0.0134431	0.783126	-1.27626	0.0388209	0.920533	-1.08617	0.5307	0.663601	-1.50693	0.0927112	0.59167	-1.69013	0.0370536	0.329551	3.03443	0.0020864	0.174168	5.74193	0.0016674	0.408969	-2.44517	6.94617	6.33161	1.13289	1
cg26109803	WNB	0.0226536	0.324262	1.28536	1.28536	0.655496	1.1171	1.1171	0.00575057	0.268717	-3.72139	0.30108	1.30242	1.30242	0.9122191	0.752584	1.36503	0.186679	1.41224	1.41224	0.591965	0.875096	-1.14273	0.999856	1.00004	1.00004	0.47308	0.835131	0.834198	0.436498	0.856084	1
cg26195366	WNB	0.0270998	0.0015043	0.392524	-2.54762	0.356765	1.20106	1.20106	0.303496	1.22903	1.22903	0.0490199	0.642972	-1.55528	0.751471	1.06309	1.06309	0.102489	0.705569	-1.4173	0.215052	1.2881	1.2881	0.846286	1.03807	1.03807	0.346297	0.829025	-1.20624	4.67835	2.68684	0.446689	1
cg27453237	WNB;WNT8B	0.0127858	0.0168842	0.37926	-2.63726	0.00969663	0.291575	-3.43021	0.0047845	0.252347	-3.96397	0.0731252	0.319339	-3.13008	0	0	0	0.13055	1.58068	1.58068	0	1.04106	1.04106	0.0150775	2.3107	2.3107	0.206027	1.4536	1.4536	11.2282	0.0	14.4288	3.10092	1
cg03835761	WNB	0.00103461	0.0031061	0.280708	-3.56242	0.00431053	0.297591	-3.36032	0.0489889	0.480759	-2.04182	0.998391	1.00064	1.00064	0.1.4E-05	0.07599	-13.1596	0.397013	0.759244	-1.3171	0.00313091	0.27722	-3.60725	0.017026	0.361163	-2.76884	0.425881	0.772422	-1.29463	16.6535	18.615	1.41989	1
cg14041264	WNB	0.0012392	0.617738	1.1744	1.1744	0.0001756	0.1488	0.1488	0.0002466	0.14202	-7.0722	0.0001445	0.164453	-6.08075	0.0003516615	0.36425	-2.74537	0.0032119	0.493049	-2.0282	0.617788	0.85335	-1.1025	0.362098	1.17908	1.17908	0.0442216	0.644084	-2.25383	0.0002954	0.554675	-2.81964	14.9055	3.1E-05
cg25940008	WNB	0.00358524	0.00495126	0.632297	-1.58154	0.0064362	0.646279	-1.54732	0.0101926	0.670942	-1.49044	0.477935	0.914961	-1.09294	0.00281798	0.602404	-1.66002	0.139425	1.21643	1.21643	0.00832708	1.51499	1.51499	0.459778	0.911457	-1.09714	0.275442	0.869565	-1.15	8.11512	1.9502	0.213615	1
cg14343890	WNB	0.00687414	0.877296	1.02306	1.02306	0.6988217	1.34859	1.02471	0.8319925	-1.21962	0.850935	0.02819	1.02819	0.0152603	0.853555	1.17611	1.17611	0.854648	0.973196	-1.02754	0.00036282	0.430268	-2.32413	0.122467	1.27993	1.27993	0.0271331	0.74095	6.65422	2.29364	0.306464	1
cg20236987	WNB	0.00747755	0.3570491	1.96536	1.96536	0.74677	0.793056	-1.99559	0.0552705	0.772236	-1.28665	0.0852428	0.50482	-2.90238	0.0344	0.271138	3.6869	0.8812491	1.11252	1.11252	0.0205573	0.921935	-1.08422	0.0389522	1.11468	-8.71993	0.0200148	0.195037	-4.96205	52.2207	7.16324	1
cg17180977	WNA	0.0111398	0.984747	0.996923	-1.00309	0.467637	0.887694	-1.12651	0.187026	0.798174	-1.25286	0.000170117	0.356838	-2.80239	0.283112	0.835468	-1.19693	0.690791	0.937585	-1.06657	0.0185026	0.630998	-1.58479	0.1118314	0.756446	-1.32197	0.634354	0.925676	-1.08029	5.70923	2.34931	0.365772	1
cg16447690	WNB	0.0084547	0.0402902	0.647201	-1.54502	0.0432437	1.30147	1.30147	0.0468261	1.2975011	-2.10521	0.2144872	0.852158	-1.53337	0.0001	0.0	0.0	0.481734	0.7435	0.011295	0.0	0.45202	-2.21304	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg24312488	WNB	0.0263698	0.0125389	0.47117	-2.12238	0.0149758	0.672952	-1.48655	0.0114905	0.547711	-1.82577	0.426862	1.21726	1.21726	0.021245	0.511077	1.95665	0.213994	0.72828	-1.3731	0.0150946	0.484971	-2.06198	0.209254	0.725619	-1.37813	0.0299508	0.538545	-1.85686	4.2769	3.97799	0.826765	1
cg06641299	WNB	0.0277937	0.89552	0.98383	-1.01644	0.0235616	0.714963	-1.39867	0.117616	0.809876	-1.23476	0.74052	1.0421	1.0421	0.0911156	1.25974	1.25974	0.221499	0.852613	-1.17287	0.0021317	0.58538	-1.70826	0.708776	1.04765	1.04765	0.528523	1.08245	1.08245	4.1987	1.0238	0.216745	1
cg26682608	WNB	0.0111233	0.0754569	0.693047	-1.44202	0.0343108	1.05959	-1.06948	0.0134431	0.783126	-1.27626	0.0388209	0.920533	-1.08617	0.5307	0.663601	-1.50693	0.0927112	0.59167	-1.69013	0.0370536	0.329551	3.03443	0.0020864	0.174168	5.74193	0.0016674	0.408969	-2.44517	6.94617	6.33161	1.13289	1
cg21859455	WNA	0.0137355	0.148695	0.64611	-1.55132	0.197382	0.67952	-1.47154	0.00749708	0.380627	-2.62725	0.417222	1.26495	1.26495	0.00754698	0.377547	2.64868	0.770493	0.920416	-1.08647	0.42487	1.2599	1.2599	0.289426	0.732175	-1.36579	0.0316869	0.489668	-2.0422	7.36273	4.78948	1.13144	1
cg27786864	WNA	0.0135305	0.395305	0.789481	-1.26665	0.4125126	0.795571	-1.25538	0.00599965	0.257652	-3.8555	0.5457568	0.847073	-1.18054	0.0253911	0.486117	-2.0572	0.2148649	0.6178486	1.61849	0.0251	0.847788	2.16549	0.0178847	0.892217	-1.12083	0.6183096	0.607559	-1.64586	4.10741	1.3342	0.476476	0.383121	1
cg08067721	WNT9B;WNT8B WPAS3;TPS3;TPS3;WRAPS3;TPS3;WR APS3;TPS3;TPS3;TPS3;TPS3;TPS3;WRA	0.0280157	0.0624609	0.628375	-1.59141	0.155353	0.713976	-1.40061	0.469615	0.849582	-1.17705	0.966564	1.00933	1.00933	0.0134769	0.507736	-1.96953	0.006858	0.460257	-2.1727	0.164182	0.719705	-1.38946	0.0744013	1.55344	1.55344	0.244183	1.30994	1.30994	4.18695	3.25585	0.691216	1
cg16203911	P53	0.0453762	0.0701917	1.30209	1.30209	0.883528	1.01964	1.01964	0.456355	1.10399	1.10399	0.527429	1.08708	1.08708	0.960548	0.99357	-1.00647	0.0117184	1.50783	1.50783	0.00705915	0.63503	-1.57473	0.79259	1.03496	1.03496	0.734267	0.963194	-1.03821	3.51455	0.94665	0.239424	1
cg23846713	WRAPS3;TPS3;WRAPS3;TPS3;WRAPS3; TPS3;TPS3;WRAPS3;TPS3;WRAPS3;	0.024166	0.0305522	0.731397	-1.36725	0.92267	0.988121	-1.01202	0.9912017	0.25731	1.25731	0.155781	0.829511	-1.22653	0.297968	1.14201	1.14201	0.00168437	0.57549	-1.73765	0.113045	0.808739	-1.23649	0.597173	0.936466	-1.06784	0.260653	0.865542	-1.15535	4.40886	1.05779	0.213267	1
cg06587969	WRAPS3;TPS3;WRAPS3;WRAPS3 WRAPS3;TPS3;TPS3;WRAPS3;TPS3;WR	0.000229197	0.000157305	0.669429	-1.49381	0.711849	1.02329	1.02329	0.0272127	1.17613	1.17613	0.000437521	1.41182	1.41182	0.000101172	0.652063	-1.53359	0.343788	1.0624	1.0624	0.0807377	0.886735	-1.12773	0.141176	1.10321	1.10321	0.341272	1.06276	1.06276	17.7038	1.08016	0.0542334	1
cg02855142	APS3;TPS3;WRAPS3;WRAPS3 WRAPS3;TPS3;WRAPS3;TPS3;WRAPS3;	0.0150204	0.00616315	0.549443	-1.81837	0.677044	1.07265	1.07265	0.0172836	1.27037	1.27037	0.00400862	0.523556	-1.91002	0.428529	1.14484	1.14484	0.020463	0.626625	-1.59585	0.0307956	0.654103	-1.52881	0.949834	1.01059	1.01059	0.882448	1.02507	1.02507	1.53787	2.29704	0.394296	1
cg02606960	TPS3;TPS3;WRAPS3;WRAPS3 WRAPS3;TPS3;TPS3;WRAPS3;TPS3;	0.00551742	0.155134	0.800433	-1.24932	0.056082	1.37245	1.37245	0.000315054	0.24955	2.34955	0.307665	0.856838	-1.16708	0.0180154	1.52264	1.52264	0.0361031	1.42851	1.42851	0.0318338	1.44499	1.44499	0.742537	0.952913	-1.04941	0.0891494	1.3156	1.3156	7.12064	2.41436	0.301391	1
cg04009932	TPS3;TPS3;WRAPS3 WRAPS3;TPS3;WRAPS3;WRAPS3;TPS3;	0.00625091	0.507558	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27019929	WT1;WT1;WT1;WT1	0.000147804	0.0037516	2.16973	2.16973	2.33E-05	5.33489	5.33489	0.344877	1.2124	1.2124	0.0468347	1.56911	1.56911	0.141191	0.731056	-1.36788
cg22511262	WT1;WT1;WT1;WT1	0.000472716	0.310438	0.790159	-1.26557	0.126845	0.690349	-1.44854	0.683917	1.09621	1.09621	0.0600383	0.621225	-1.60972	0.00728075	2.17441	2.17441
cg27409910	WT1;WT1;WT1;WT1	0.000843463	0.285799	0.684362	-1.46121	0.147021	1.70307	1.70307	0.0146936	0.357882	-2.79422	0.974802	0.989252	-1.01086	0.0859297	0.522431	-1.91413
cg12982322	WT1;WT1;WT1;WT1	0.000937344	0.266577	1.22118	1.22118	0.265235	1.22192	1.22192	0.00118468	2.27241	2.27241	0.949432	1.01101	1.01101	0.395361	0.860483	-1.16214
cg20204986	WT1;WT1;WT1;WT1	0.00115582	0.512124	0.84772	-1.17964	0.00247468	2.84483	2.84483	0.000826357	3.49527	3.49527	0.0221692	1.97672	1.97672	0.0313057	0.53381	-1.87333
cg12781568	WT1;WT1;WT1;WT1	0.00119966	0.0221868	2.13584	2.13584	0.00344203	0.333008	-3.00293	0.0277504	0.48675	-2.05444	0.352028	0.767155	-1.30352	0.0761352	0.579158	-1.72665
cg08787968	WT1;WT1;WT1;WT1	0.00197104	0.0498812	0.502569	-1.98978	0.00022296	0.151012	-6.62201	0.0915551	0.564652	-1.771	0.100263	0.57468	-1.7401	0.0452928	0.493391	-2.02679
cg24325551	WT1;WT1;WT1;WT1	0.00278265	0.358076	1.20422	1.20422	0.00440522	2.11164	2.11164	0.356068	0.829734	-1.20521	0.014923	1.80146	1.80146	0.00504952	2.07314	2.07314
cg10244666	WT1;WT1;WT1;WT1	0.00509515	0.00288635	20.0514	20.0514	0.000567996	49.7447	49.7447	0.321751	2.11502	2.11502	0.32458	2.1052	2.1052	0.0455629	5.35346	5.35346
cg21769619	WT1;WT1;WT1;WT1	0.00576228	0.000597885	3.7994	3.7994	0.46456	0.828965	-1.20632	0.89149	1.03499	1.03499	0.0667597	0.595736	-1.6786	0.386291	1.25083	1.25083
cg05222924	WT1;WT1;WT1;WT1	0.00617997	0.441644	0.844351	-1.18434	0.0240141	0.559603	-1.78698	0.332961	0.806251	-1.24031	0.386036	0.825619	-1.21121	0.00046515	0.305109	-3.27752
cg04456238	WT1;WT1;WT1;WT1	0.0092089	0.354553	0.702867	-1.42274	0.0184305	2.88181	2.88181	0.0657475	2.14774	2.14774	0.00307263	4.48352	4.48352	0.119766	1.86801	1.86801
cg26848718	WT1;WT1;WT1;WT1	0.00939554	0.259303	2.27372	2.27372	0.97941	1.01806	1.01806	0.125654	0.312403	-3.201	0.0179588	0.127808	-7.82424	0.0498734	0.205257	-4.87194
cg13540960	WT1;WT1;WT1;WT1	0.0107653	0.319998	0.730086	-1.3697	0.258144	0.696822	-1.43509	0.655536	1.14735	1.14735	0.116765	1.68489	1.68489	?	?	?
cg02524954	WT1;WT1;WT1;WT1	0.0183345	0.0078732	16.5677	16.5677	0.866142	1.14276	1.14276	0.198616	2.95525	2.95525	0.196462	0.336388	-2.97276	0.535915	0.608532	-1.6433
cg17486860	WT1;WT1;WT1;WT1	0.0214228	0.552131	0.839192	-1.19162	0.263852	0.712149	-1.4042	0.0946585	0.585436	-1.70813	0.021108	2.24412	2.24412	0.196442	0.671601	-1.48898
cg25094569	WT1;WT1;WT1;WT1	0.0214767	0.52743	1.11106	1.11106	0.386239	1.15731	1.15731	0.124554	1.31459	1.31459	0.517661	1.11392	1.11392	0.431873	0.87639	-1.14104
cg22264616	WT1;WT1;WT1;WT1	0.0296359	0.0080405	0.170446	-5.86697	0.284492	0.560267	-1.78486	0.201785	0.495412	-2.01852	0.202801	0.496281	-2.01499	0.00718823	0.163966	-6.09882
cg20449659	WT1;WT1;WT1;WT1	0.0345551	0.0603069	3.22756	3.22756	0.00241672	10.3447	10.3447	0.0987131	2.72187	2.72187	0.114177	2.58664	2.58664	0.079426	2.93528	2.93528
cg07716052	WT1;WT1;WT1;WT1	0.0363006	0.0522782	2.18282	2.18282	0.89231	1.04907	1.04907	0.473597	0.772787	-1.29402	0.0927873	0.519934	-1.92332	0.0696821	2.04915	2.04915
cg25586361	WT1;WT1;WT1;WT1	0.0364009	0.108014	2.27521	2.27521	0.286956	1.67924	1.67924	0.221301	1.82706	1.82706	0.07787	2.50562	2.50562	0.0789839	2.49522	2.49522
cg01693350	WT1;WT1;WT1;WT1	0.0400409	0.0111176	9.93852	9.93852	0.0221667	0.13828	-7.23173	0.325495	0.480744	-2.08011	0.098058	0.270043	-3.70311	0.432568	0.561135	-1.7821
cg01168289	WT1;WT1;WT1;WT1	0.044537	0.00912744	3.2289	3.2289	0.856364	0.937889	-1.06622	0.180832	0.604799	-1.65344	0.00870223	3.26494	3.26494	0.795745	0.91228	-1.09616
cg08575722	WT1;WT1;WT1;WT1	0.0447398	0.0166732	3.72785	3.72785	0.0105108	4.26105	4.26105	0.890423	1.06402	1.06402	0.373687	1.5085	1.5085	0.127042	2.10215	2.10215
cg20340146	WTAP	0.00216132	0.0557203	0.669742	-1.49311	0.574774	1.11051	1.11051	0.00746059	0.528844	-1.89092	0.595814	1.10406	1.10406	0.000720717	0.386168	-2.58955
cg13623384	WTAP	0.017896	0.112175	2.01989	2.01989	0.0691158	2.28572	2.28572	0.262962	1.60702	1.60702	0.0149402	3.37528	3.37528	0.605413	0.809096	-1.23595
cg11785509	WTAP;WTAP;WTAP	0.000820168	0.110869	0.754341	-1.32566	0.125371	1.30892	1.30892	0.00153841	2.095	2.095	0.231342	0.815665	-1.22599	8.97E-05	0.320652	-3.11865
cg10698098	WTAP;WTAP;WTAP	0.0112531	0.379337	0.608117	-1.64442	0.243966	1.96275	1.96275	0.961721	0.973979	-1.02672	0.0960816	2.76968	2.76968	0.00041428	0.0359339	-27.8289
cg18112708	WTAP;WTAP;WTAP	0.0186196	0.0585352	1.44903	1.44903	0.0342391	1.53529	1.53529	0.0209445	1.61955	1.61955	0.00851881	1.79078	1.79078	0.10025	0.731605	-1.36686
cg17395354	WTAP;WTAP;WTAP	0.0240169	0.0284531	1.42232	1.42232	0.016252	0.670051	-1.49242	0.337115	1.14433	1.14433	0.0612927	0.750316	-1.33277	0.200785	0.831865	-1.20212
cg24909975	WTAP;WTAP;WTAP	0.0384696	0.838861	1.01509	1.01509	0.0522562	1.17628	1.17628	0.00431137	1.324	1.324	0.138734	0.889404	-1.12435	0.0430869	0.842684	-1.18668
cg02014733	WTIP	0.0024931	0.106764	0.688054	-1.45337	0.31807	0.803232	-1.24497	0.100107	0.682134	-1.46599	0.847188	1.04181	1.04181	0.000384338	0.300256	-3.33049
cg04497176	WTIP	0.00635435	0.000777119	0.513964	-1.94566	0.0575724	0.754961	-1.32457	0.468187	0.907907	-1.10143	0.290565	1.15438	1.15438	0.0035335	0.595932	-1.67804
cg12494332	WTIP	0.0261031	0.564656	1.1699	1.1699	0.00556058	0.374689	-2.66888	0.0206307	0.471738	-2.11982	0.783916	0.928594	-1.0769	0.58042	1.16239	1.16239
cg00044318	WTIP	0.026478	0.0680188	0.809383	-1.23551	0.055535	0.798889	-1.25174	0.977784	0.997123	-1.00289	0.804045	0.974603	-1.02606	0.611336	0.948352	-1.05446
cg19875498	WTIP	0.0373608	0.586717	1.19493	1.19493	0.042426	2.13461	2.13461	0.00436221	3.44051	3.44051	0.321667	1.39403	1.39403	0.207639	1.53897	1.53897
cg04276551	WTIP	0.0498448	0.541909	0.895926	-1.11616	0.111323	0.734383	-1.36169	0.148402	0.75887	-1.31775	0.970644	0.993471	-1.00657	0.0143698	0.584422	-1.71109
cg15946571	WWC1;WWC1;WWC1	1.76E-05	0.000330918	0.4385	-2.2805	5.43E-05	0.342991	-2.91553	0.0108448	0.634384	-1.57633	0.888821	1.0201	1.0201	5.94E-07	0.141466	-7.06883
cg21614684	WWC1;WWC1;WWC1	0.0011564	2.18E-05	0.209265	-4.77863	0.482924	0.877433	-1.13969	0.181947	0.771209	-1.29666	0.0668511	0.686094	-1.45753	0.0269033	0.618416	-1.61703
cg07129392	WWC1;WWC1;WWC1	0.00243492	0.00209524	0.342527	-2.91947	0.600859	0.87751	-1.13959	0.0567428	0.586367	-1.70542	0.426519	1.2226	1.2226	0.000171893	0.205955	-4.85542
cg09686013	WWC1;WWC1;WWC1	0.0027087	0.000560618	0.326486	-3.06292	0.291432	0.795288	-1.25741	0.0304758	0.587385	-1.70246	0.980556	0.994914	-1.00511	0.000590913	0.329452	-3.03534
cg11586666	WWC1;WWC1;WWC1	0.00396217	0.000428422	0.33187	-3.01323	0.0115044	0.535001	-1.86916	0.457118	0.86084	-1.16166	0.264128	1.25901	1.25901	0.00357318	0.457958	-2.18361
cg26980033	WWC1;WWC1;WWC1	0.00775715	0.118664	0.799143	-1.25134	0.0461539	0.739017	-1.35315	0.137003	1.23619	1.23619	0.166781	1.21546	1.21546	0.0769385	0.770776	-1.29739
cg04617606	WWC1;WWC1;WWC1	0.00960127	0.0213108	0.440521	-2.27004	0.227194	1.45583	1.45583	0.728196	1.10889	1.10889	0.00533659	0.337126	-2.96625	0.00283383	0.295905	-3.37946
cg03565280	WWC1;WWC1;WWC1	0.0135368	0.0583686	0.587898	-1.70097	0.755833	0.925458	-1.08055	0.0657133	0.59876	-1.67012	0.0916995	0.630551	-1.58591	0.00288176	0.361367	-2.76727
cg13362794	WWC1;WWC1;WWC1	0.0172651	0.0681133	0.354383	-2.82181	0.000865507	0.0789631	-12.6641	0.114184	0.417876	-2.39305	0.675773	0.807678	-1.23812	0.0191056	0.236865	-4.22181
cg24115019	WWC1;WWC1;WWC1	0.0175052	0.868472	0.943597	-1.05977	0.568462	0.81716	-1.22375	0.00569605	0.280779	-3.56151	0.893001	0.953952	-1.04827	0.0084272	0.307723	-3.24967
cg07709903	WWC1;WWC1;WWC1	0.0214453	0.956694	1.01252	1.01252	0.195874	1.36791	1.36791	0.507778	0.857356	-1.16638	0.879366	0.965811	-1.0354	0.265879	0.766784	-1.30415
cg16802646	WWC1;WWC1;WWC1	0.0289976	0.054875	0.481317	-2.07763	0.00187994	0.214922	-4.65286	0.218147	0.650599	-1.53704	0.620736	1.17872	1.17872	0.236476	0.662737	-1.50889
ch.5.3178288F	WWC1;WWC1;WWC1	0.0298496	0.176697	0.634359	-1.5764	0.93561	0.974718	-1.02594	0.373084	1.33615	1.33615	0.00200833	0.251187	-3.98109	0.606417	0.848148	-1.17904
cg14644475	WWC1;WWC1;WWC1	0.0332502	0.133081	0.435799	-2.29463	0.00158022	0.0977524	-10.2299	0.0133809	0.208012	-4.80742	0.849562	0.90726	-1.10222	0.114579	0.414949	-2.40993
cg07243784	WWC1;WWC1;WWC1	0.0338725	0.372164	0.893075	-1.11973	0.0892392	0.793507	-1.26023	0.343343	0.886493	-1.12804	0.768204	1.03715	1.03715	0.124214	0.814275	-1.22809
cg22456692	WWC1;WWC1;WWC1	0.035249	0.065173	0.707687	-1.41305	0.263591	0.823145	-1.21485	0.532203	1.11145	1.11145	0.189516	0.792874	-1.26123	0.040127	0.672958	-1.48598
cg17659382	WWC1;WWC1;WWC1	0.0375352	0.456691	0.901165	-1.10967	0.179025	1.2165	1.2165	0.630475	1.06881	1.06881	0.115946	0.790911	-1.26436	0.0108412	1.55156	1.55156
cg05253577	WWC1;WWC1;WWC1	0.0495344	0.508534	1.20227	1.20227	0.16758	0.667629	-1.49784	0.084075	1.69045	1.69045	0.098382	0.607825	-1.64521	0.797316	1.07325	1.07325
cg12998503	WWC2	5.46E-05	2.85E-05	0.251734	-3.97245	0.92385	0.984091	-1.01617	0.001225	0.45234	-2.21073	0.00628367	0.550389	-1.8169	1.56E-05	0.223551	-4.47325
cg17419475	WWC2	7.69E-05	0.167506	0.767797	-1.30243	0.0745292	1.42877	1.42877	0.00142482	0.436589	-2.29048	0.0432105	0.658572	-1.51844	0.000230015	0.333344	-2.9999
cg07855449	WWC2	0.000452408	0.174169	0.796478	-1.25553	0.000267928	0.390075	-2.56361	1.43E-05	0.241149	-4.14682	0.768863	0.954674	-1.04748	0.730083	1.05603	1.05603
cg16552884	WWC2	0.00114424	0.832867	1.05721	1.05721	0.00626071	0.391483	-2.55439	0.00745459	0.403692	-2.47714	0.44825	1.22564	1.22564	0.0753362	0.59377	-1.68415
cg22150665	WWC2	0.00115548	0.00788368	1.64677	1.64677	0.095191	1.30775	1.30775	0.320258	1.16218	1.16218	0.0216094	1.49734	1.49734	0.153061	0.799376	-1.25098
cg13043378	WWC2	0.00160107	0.0761699	0.812365	-1.23097	0.00390055	0.664166	-1.50565	0.0134747	0.724583	-1.3801	0.796433	0.973142	-1.0276	0.949568	0.993361	-1.00668
cg10716612	WWC2	0.00971733	0.285264	0.666302	-1.50082	0.0887913	1.98714	1.98714	0.03326	2.48511	2.48511	0.622008	0.833779	-1.19936	0.000390705	0.126466	-7.90728
cg22079098	WWC2	0.015469	0.00681759	0.17575	-5.68989	0.011815	0.210262	-4.75597	0.123191	0.436769	-2.28954	0.0785313	0.379353	-2.63607	0.00186255	0.111935	-8.93372
cg06308538	WWC2	0.0304611	0.0306186	0.283236	-3.53063	0.0157074	0.229829	-4.35107	0.767228	0.862933	-1.15884	0.521732	1.38058	1.38058	0.0412632	0.310603	-3.21954
cg05250061	WWC2	0.0338379	0.929742	0.978999	-1.02145	0.386425	1.23825	1.23825	0.0129133	0.475755	-2.10192	0.837467	1.05068	1.05068	0.079219	0.625619	-1.59842
cg26897712	WWC2	0.04001	0.241332	0.729952	-1.36995	0.778995	1.07488	1.07488	0.528547	1.17806	1.17806	0.952341	1.01546	1.01546	0.00149414	0.308773	-3.23863
cg27162122	WWC2	0.0407022	0.398755	1.41921	1.41921	0.0431509	2.56717	2.56717	0.534351	1.29049	1.29049	0.586641	0.800535	-1.24916	0.282474	0.635983	-1.57237
cg12229364	WWC2	0.0464139	0.610246	0.849763	-1.1768	0.486633	0.799439	-1.25088	0.507373	0.80816	-1.23738	0.660883	0.869531	-1.15004	0.000603509	0.187298	-5.33908
cg23928234	WWC2	0.0470847	0.00167254	0.31923	-3.13254	0.267202	1.34133	1.34133	0.605287	0.875945	-1.14162	0.431899	0.815637	-1.22604	0.110461	0.642811	-1.55567
cg00591225	WWC2	0.0480728	0.447972	0.885135	-1.12977	0.203166	1.23608	1.23608	0.061424	0.717148	-1.39441	0.134193	0.775045	-1.29025	0.991027	0.998227	-1.00178
cg19930288	WWC2;C4orf38	0.000686679	0.00820855	0.800406	-1.24937	6.94E-05	1.6136	1.6136	0.077521	1.13789	1.13789	0.0500317	0.863194	-1.15849	0.0106407	0.809422	-1.23545
cg25134515	WWC2;C4orf38	0.0138715	0.0561759	0.633634	-1.5782	0.0449092	1.62516	1.62516	0.346767	1.2268	1.2268	0.0259353	0.572475	-1.7468	0.00131578	0.372955	-2.68129
cg03449040	WWC3	1.65E-05	9.89E-06	0.088664	-11.2785	0.00024093	0.212192	-4.71272	4.74E-05	0.141411	-7.07159	0.00162692	0.315965	-3.16491	1.05E-05	0.0903127	-11.0726
cg22647743	WWC3	4.08E-05	4.76E-05	0.111561	-8.96369	0.000572242	0.217249	-4.60301	0.00119203	0.256679	-3.89592	0.00083422	0.23702	-4.21906	6.56E-05	0.122828	-8.14144
cg16166036	WWC3	0.000197007	0.323231	1.20446	1.20446	0.00418301	2.01297	2.01297	0.000155479	0.306999	-3.25734	0.360759	0.84257	-1.18685	2.15E-05	0.210448	-4.75177
cg07416427	WWC3	0.000203129	0.653486	1.12093	1.12093	0.719977	1.09521	1.09521	8.95E-05	0.170121	-5.87816	0.0931186	0.62708	-1.59469	8.95E-06	0.0879304	-11.3726
cg09974287	WWC3	0.00348514	0.931282	1.02279	1.02279	0.0117787	0.439603	-2.27478	0.109883	0.634247	-1.57667	0.00163022	0.307511	-3.25192	0.00016977	0.188101	-5.31629
cg24258259	WWC3	0.00494717	0.377657	0.81365	-1.22903	0.0221707	0.535393	-1.86779	0.000103162	0.209048	-4.7836	0.880376	0.966274	-1.0349	0.0279953	0.553544	-1.80654
cg06217046	WWC3	0.00677451	0.00920083	0.185352	-5.39514	0.00458131	0.146028	-6.848	0.0154149	0.219743	-4.55077	0.624886	0.777885	-1.28554	0.00334817	0.130676	-7.65252
cg18064897	WWC3	0.0101436	0.505871	1.27138	1.27138	0.0712135	2.04781	2.04781	0.0172183	0.356181	-2.80756	0.791371	0.910009	-1.09889	0.000843069	0.16768	-5.96374
cg03184366	WWC3	0.010213	0.109398	0.515518	-1.9398	0.111921	0.518357	-1.92917	0.0169211	0.330921	-3.02187	0.634785	0.833903	-1.19918	0.0111237	0.298744	-3.34735
cg03477368	WWC3	0.0104977	0.830277	0.930721	-1.07444	0.0170013	0.377784	-2.64702	0.00932214	0.331832	-3.01358	0.808814	0.922122	-1.08446	0.00029831	0.139639	-7.1613
cg08867430	WWC3	0.0174554	0.128466	1.89905	1.89905	0.447521	1.35278	1.35278	0.166988	0.562673	-1.77723	0.0278541	0.362578	-2.75803	0.00940404	0.276627	-3.61498
cg03840091	WWC3	0.0221424	0.126872	0.597408	-1.6739	0.0296134	0.449777	-2.22332	0.0519756	0.501658	-1.99339	0.0279718	0.444804	-2.24818	0.000911575	0.212859	-4.69794
cg00909388	WWC3	0.0293498	0.655298	1.27161	1.27161	0.965026	0.976825	-1.02373	0.263933	0.536473	-1.86403	0.116965	0.402229	-2.48614	0.00773096	0.160459	-6.23212
cg01623475	WWOX	0.000301306	0.00420803	0.291231	-3.4337	1.99E-05	0.0620165	-16.1247	0.000724316	0.191143	-5.23168	0.120342	0.581428	-1.7199	0.010613	0.355512	-2.81285
cg08599635	WWOX	0.000507912	0.00403463	3.62437	3.62437	0.002829	3.93875	3.93875	0.00353805	3.73666	3.73666	0.000400964	6.53531	6.53531	0.582267	1.20349	1.20349
cg03295251	WWOX	0.000686291	0.92434	0.975289	-1.02534	0.000120443	5.87157	5.87157	0.000481207	4.23178	4.23178	0.00863361	2.41587	2.41587	0.00825303	0.410701	-2.43486
cg09038266	WWOX	0.000809264	0.00382508	0.571921	-1.74849	0.0783891	1.32337	1.32337	0.541736	1.09255	1.09255	0.0222358	0.675225	-1.48099	0.000159766	0.396735	-2.52058
cg08748098	WWOX	0.000853135	0.00429985	3.4714	3.4714	0.0809329	1.87913	1.87913	0.361904	0.736771	-1.35727	0.0097645	2.90126	2.90126	0.00194176	4.17455	4.17455
cg08091526	WWOX	0.0010221	0.00464677	0.46277	-2.1609	0.199925	1.31935	1.31935	0.0707257	0.661455	-1.51182	0.90769	0.976539	-1.02402	0.211802	0.763986	-1.30892
cg08173834	WWOX	0.00575679	0.00191178	0.335744	-2.97846	0.0724025	0.607865	-1.6451	0.00276014	0.358686	-2.78796	0.346048	0.785879	-1.27246	0.00283217	0.360326	-2.77527
cg03120102	WWOX	0.00645942	0.00253089	0.130657	-7.65362	0.592223	0.769105	-1.30021	0.0147065	0.232685	-4.29766	0.0354349	0.304482	-3.28426	0.0519321	0.341698	-2.92656
cg03216739	WWOX	0.00962241	0.652231	0.873329	-1.14504	0.00254324	0.286412	-3.49147	0.53493	0.828938	-1.20636	0.838812	1.0627	1.0627	0.000402646	0.186386	-5.36522
cg09785338	WWOX	0.0101664	0.013085	0.31936	-3.13126	0.0135315	0.321927	-3.10629	0.0123125	0.314748	-3.17715	0.739904	1.13151	1.13151	0.0011059	0.168115	-5.94831
cg01608400	WWOX	0.0114575	0.175278	0.592375	-1.68812	0.0231613	0.372994	-2.68101	0.937098	0.971736	-1.02909	0.774334	1.11007	1.11007	0.00326949	0.233083	-4.29032
cg09452312	WWOX	0.0130321	0.000214062	0.19185	-5.21241	0.818268	1.0634	1.0634	0.288379	0.745004	-1.34227	0.736868	0.913871	-1.09425	0.211245	0.703445	-1.42158
cg02831727	WWOX	0.015348	0.0118624	0.258015	-3.87574	0.0573257	0.39561	-2.52774	0.0046874	0.197679	-5.05871	0.458439	1.38487	1.38487	0.00699032	0.222121	-4.50205
cg01365766	WWOX	0.0172029	0.0126659	0.259606	-3.85199	0.345757	0.655353	-1.5259	0.00425087	0.189175	-5.2861	0.0475279	0.372922	-2.68153	0.0031646	0.172947	-5.78213
cg10424969	WWOX	0.018026	0.0434164	0.415258	-2.40814	0.105937	0.512649	-1.95065	0.000874204	0.151267	-6.61084	0.653041	1.18675	1.18675	0.0156086	0.325694	-3.07037
cg08549497	WWOX	0.0183255	0.0104638	0.144636	-6.91393	0.031527	0.220233	-4.54065	0.0274028	0.208959	-4.78562	0.0472158	0.256054	-3.90543	0.00431856	0.10136	-9.8658
cg00469083	WWOX	0.0243815	0.0224118	3.83076	3.83076	0.0226624	3.81763	3.81763	0.0860413	2.53785	2.53785	0.0289962	3.53874	3.53874	0.178661	0.495836	-2.0168
cg07874127	WWOX	0.0301291	0.151606	0.554075	-1.80481	0.00188326	0.183864	-5.43881	0.00784367	0.269472	-3.71096	0.727191	0.87406	-1.14409	0.152169	0.554588	-1.80314
cg03601549	WWOX	0.0307244	0.00713977	0.352485	-2.837	0.0372783	0.484064	-2.06584	0.040319	0.491197	-2.03584	0.281747	0.714812	-1.39897	0.0888257	0.569321	-1.75648
cg07674304	WWOX	0.0337191	0.0348547	0.411845	-2.4281	0.821305	0.921636	-1.08503	0.135396	0.559595	-1.78701	0.732147	1.13194	1.13194	0.979975	1.00909	1.00909
cg00879840	WWOX	0.0436636	0.229409	0.649597	-1.53942	0.417016	0.752975	-1.32807	0.994392	0.997599	-1.00241	0.102325	1.84329	1.84329	0.00214666	0.228894	-4.36884
cg06483517	WWOX;WWOX	0.000419235	0.000297497	0.266689	-3.74968	0.00305655	0.402299	-2.48571	0.268286	0.771968	-1.29539	0.182912	0.72817	-1.37331	0.360874	0.809911	-1.2347
cg07493562	WWOX;WWOX	0.00441935	0.00601492	0.376344	-2.65714	0.0422245	0.528814	-1.89102	0.00572832	0.372982	-2.68109	0.0205076	0.467644	-2.13838	0.00233032	0.314299	-3.18169
cg00253171	WWOX;WWOX	0.00548036	0.657171	1.1287	1.1287	0.0103836	0.416955	-2.39834	0.431303	1.2432	1.2432	0.332854	1.31094	1.31094	0.0251322	0.485826	-2.05835
cg16740746	WWOX;WWOX	0.0299481	0.047563	0.749752	-1.33377	0.608312	0.936415	-1.0679	0.670739	1.05586	1.05586	0.628863	1.06386	1.06386	0.00200867	0.574626	-1.74026
cg15309990	WWP1	3.51E-05	0.318056	0.865828	-1.15496	0.554575	1.08702	1.08702	0.976893	0.995965	-1.00405	0.0011429	1.94968	1.94968	2.06E-06	0.19547	-5.11588
cg17711870	WWP1	0.000707171	0.00500762	0.276804	-3.61266	0.00109503	0.189066	-5.28916	0.00290286	0.242732	-4.11977	0.00638419	0.292998	-3.41299	0.0279958	2.45444	2.45444
cg23704802	WWP1	0.00191473	0.00932929	0.20437	-4.89308	0.00591435	0.176622	-5.6618	0.00819914	0.196176	-5.09746	0.0519143	0.344738	-2.90075	0.00207736	0.124043	-8.06172
cg14487271	WWP1	0.00409993	0.0592581	0.400288	-2.4982	0.000998331	0.122294	-8.17704	0.0138685	0.270573	-3.69586	0.0822049	0.436993	-2.28837	0.0236039	0.312828	-3.19665
cg13552736	WWP1	0.00455938	0.011484	0.638357	-1.56652	0.461729	0.902248	-1.10834	0.0048339	1.70895	1.70895	0.692791	0.947044	-1.05592	0.172906	1.22202	1.22202
cg22427401	WWP1	0.00585812	0.36791	0.86823	-1.15177	0.404877	0.877917	-1.13906	0.000691061	0.453265	-2.20621	0.801248	0.962197	-1.03929	0.00788828	0.594113	-1.68318
cg11462016	WWP1	0.0128004	0.484075	0.734033	-1.36234	0.143144	0.504506	-1.98214	0.48931	0.736835	-1.35716	0.000535272	0.0960654	-10.4096	0.0198517	0.294437	-3.39631
cg27002758	WWP1	0.014722	0.00334402	0.163321	-6.1229	?	?	?	0.0401691	2.73742	2.73742	0.030029	0.335686	-2.97898	0.431366	0.722166	-1.38472
cg01874933	WWP1	0.028653	0.0570628	1.46888	1.46888	0.0162378	0.591571	-1.69041	0.759722	0.946689	-1.05631	0.0635236	0.688948	-1.45149	0.639889	0.919292	-1.08779
cg01211091	WWP1	0.0443125	0.870161	0.971883	-1.02893	0.349827	0.845538	-1.18268	0.743605	0.944385	-1.05889	0.00874348	0.558593	-1.79021	0.2092	1.25957	1.25957
cg06715160	WWP2;WWP2	2.58E-05	0.000313352	0.763992	-1.30891	4.55E-05	0.701054	-1.42642	0.00144785	1.23621	1.23621	0.00700036	0.851565	-1.17431	0.0257186	0.885103	-1.12981
cg01171429	WWP2;WWP2	3.67E-05	0.00297646	0.613199	-1.63079	0.000239797	0.48213	-2.07413	0.737082	0.960374	-1.04126	0.0379212	0.749149	-1.33485	1.17E-06	0.220867	-4.5276
cg00657810	WWP2;WWP2	0.00122121	0.893467	1.01755	1.01755	0.00395189	0.60446	-1.65437	0.957218	0.993058	-1.00699	0.794091	0.966603	-1.03455	0.000247998	0.455849	-2.19371
cg16439003	WWP2;WWP2	0.00493304	0.885925	1.06874	1.06874	0.0248745	3.44342	3.44342	0.124909	2.15813	2.15813	0.00480787	0.176823	-5.65536	0.0003671	0.0711955	-14.0458
cg09419444	WWP2;WWP2	0.00667334	0.0597851	0.375094	-2.666	0.000645451	0.0892257	-11.2075	0.0431953	0.341718	-2.92639	0.690603	0.83135	-1.20286	0.00165645	0.125154	-7.99018
cg02250357	WWP2;WWP2	0.0104649	0.020654	0.440796	-2.26862	0.0561395	1.88853	1.88853	0.0117821	0.396709	-2.52074	0.40557	0.778716	-1.28416	0.183043	0.66017	-1.51476
cg00854324	WWP2;WWP2	0.011324	0.0123491	0.346437	-2.88653	0.00267828	0.243542	-4.10607	0.00752351	0.310231	-3.2234	0.0454543	0.458083	-2.18301	0.349506	0.720567	-1.3878
cg26832686	WWP2;WWP2	0.0125231	0.102768	0.446823	-2.23802	0.000891334	0.105846	-9.44771	0.00761512	0.212546	-4.70486	0.482675	0.724708	-1.37987	0.0250121	0.300175	-3.33139
cg26884345	WWP2;WWP2	0.0144864	0.0921032	0.767078	-1.30365	0.00279088	1.80292	1.80292	0.0210572	1.48711	1.48711	0.0033776	1.76842	1.76842	0.0684475	1.33873	1.33873
cg00142834	WWP2;WWP2	0.0169917	0.198687	1.1751	1.1751	0.107462	0.811638	-1.23208	0.0804466	0.794262	-1.25903	0.0313432	0.740813	-1.34987	0.987544	0.998147	-1.00186
cg01578632	WWP2;WWP2	0.0234916	0.157301	0.482496	-2.07256	0.00124805	0.103083	-9.70096	0.00513027	0.16837	-5.93928	0.944401	0.966949	-1.03418	0.201413	0.521976	-1.9158
cg09806966	WWP2;WWP2	0.0300856	0.0676446	0.49453	-2.02212	0.00470532	0.27473	-3.63994	0.0337145	0.426128	-2.34671	0.224269	0.644616	-1.55131	0.570539	0.821042	-1.21796
cg08327378	WWP2;WWP2	0.041288	0.158912	1.41533	1.41533	0.103445	0.663079	-1.50812	0.586774	1.13497	1.13497	0.46259	1.18828	1.18828	0.916101	0.975983	-1.02461
cg16516248	WWP2;WWP2	0.042229	0.130347	0.389868	-2.56497	0.00208729	0.0823318	-12.146	0.0273898	0.222114	-4.50219	0.735884	0.822683	-1.21553	0.0870463	0.336409	-2.97257
cg10723575	WWTR1	0.0407926	0.115931	0.428225	-2.33522	0.00141269	0.100895	-9.91131	0.0326398	0.289104	-3.45896	0.640679	1.26279	1.26279	0.283017	0.574838	-1.73962
cg19547293	WWTR1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18484958	WWTR1;WWTR1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11050612	WWTR1;WWTR1;WWTR1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15043384	WWTR1;WWTR1;WWTR1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04215287	WWTR1;WWTR1;WWTR1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14557185	WWTR1;WWTR1;WWTR1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20562062	WWTR1;WWTR1;WWTR1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27019929	0.0155139	0.555601	-1.79985	0.00077465	0.365243	-2.73791	0.0179165	0.565775	-1.76749	0.00327155	2.21134	2.21134	19.936	12.3743	0.551737	1
cg22511262	0.527719	1.1544	1.1544	0.0238973	0.546171	-1.83093	1.33E-05	7.75614	7.75614	0.166845	1.392	1.392	14.5145	11.5764	0.708953	1
cg27409910	0.00196704	0.22388	-4.46669	3.06E-05	0.0616032	-16.2329	0.0253443	0.402734	-2.48303	0.00312414	0.250919	-3.98535	12.3467	22.8888	1.64785	1
cg12982322	0.00358907	1.9754	1.9754	0.030949	0.645769	-1.54854	5.37E-05	3.67167	3.67167	0.392035	1.16343	1.16343	11.9842	5.65582	0.419503	1
cg20204986	0.0413615	0.557306	-1.79435	0.239134	0.73615	-1.35842	0.000836099	3.48721	3.48721	0.0546652	1.71877	1.71877	11.2919	11.0421	0.869223	1
cg12781568	0.0054571	0.363637	-2.74999	8.47E-05	0.141483	-7.06801	0.715067	1.1068	1.1068	0.0136172	0.429667	-2.32739	11.1727	13.5542	1.07836	1
cg08787968	0.0145468	0.396169	-2.52417	0.00014569	0.13381	-7.47331	0.0120824	0.381878	-2.61864	0.059294	0.519446	-1.92513	9.68295	14.5129	1.33227	1
cg24325551	0.0150566	1.79944	1.79944	0.00915027	0.521582	-1.91724	0.0158051	0.559124	-1.78851	0.0848066	1.45464	1.45464	8.75105	5.35835	0.544275	1
cg10244666	0.936865	1.05968	1.05968	0.0209094	0.130844	-7.6427	0.286143	2.24919	2.24919	0.0388168	5.75798	5.75798	7.29646	61.8783	7.53831	1
cg21769619	0.308982	0.766952	-1.30386	0.00518276	0.394588	-2.53429	0.158512	1.46206	1.46206	0.115096	0.649375	-1.53994	7.02619	7.06663	0.894005	1
cg05222924	0.00861587	2.05929	2.05929	0.0344418	0.587478	-1.70219	0.643932	1.10558	1.10558	0.336211	0.807487	-1.23841	6.87608	5.06394	0.654629	1
cg04456238	0.495194	0.773838	-1.29226	0.289429	0.665598	-1.50241	0.00172067	5.23837	5.23837	0.810344	0.914844	-1.09308	6.06799	13.1705	1.92932	1
cg26848718	0.546386	0.654367	-1.5282	0.341624	0.505282	-1.97909	0.00064035	49.6276	49.6276	0.905901	1.08547	1.08547	6.86626	51.1957	5.79921	1
cg13540960	0.579663	0.842589	-1.18682	0.0724651	0.541404	-1.84705	0.000633862	4.98794	4.98794	0.145289	0.619542	-1.6141	5.88694	7.76728	1.31941	1
cg02524954	0.731264	0.761229	-1.31366	0.767081	0.790557	-1.26493	0.00110734	57.6788	57.6788	0.229884	2.72841	2.72841	5.41132	52.4783	7.5428	1
cg17486860	0.333076	0.747507	-1.33778	0.0328059	0.482977	-2.07049	0.00564063	2.88286	2.88286	0.614882	0.862554	-1.15935	4.59561	6.18301	1.19593	1
cg25094569	0.534031	1.10915	1.10915	0.00361189	0.52312	-1.91161	0.00423089	1.87735	1.87735	0.631209	1.0828	1.0828	4.59166	1.96748	0.38088	1
cg22264616	0.98519	0.990375	-1.00972	0.0140604	0.206028	-4.85372	0.0188248	0.226994	-4.40541	0.0451398	0.301876	-3.31262	4.10458	17.6514	3.82258	1
cg20449659	0.0727799	3.02523	3.02523	0.659052	0.782256	-1.27835	0.113354	2.59323	2.59323	0.0203005	4.69932	4.69932	3.88506	18.8205	4.30607	1
cg07716052	0.155672	0.584372	-1.71124	0.0531078	2.17529	2.17529	0.0127472	2.98739	2.98739	0.436074	0.755034	-1.32444	3.81628	7.55876	1.76059	1
cg25586361	0.390459	0.661977	-1.51063	0.0026304	7.04218	7.04218	0.0176409	3.87033	3.87033	0.900062	0.942802	-1.06067	3.81246	13.2696	3.09387	1
cg01693350	0.257647	0.426475	-2.3448	0.101994	0.274925	-3.63736	0.179711	2.79546	2.79546	0.565468	0.65761	-1.52066	3.68175	30.3477	7.32689	1
cg01168289	0.756026	1.11662	1.11662	0.115951	0.546245	-1.83068	0.682441	0.864514	-1.15672	0.911637	1.04007	1.04007	3.53919	7.02091	1.76334	1
cg08575722	0.592866	0.784286	-1.27505	0.0703778	0.402305	-2.48568	0.376804	0.664778	-1.50426	0.220034	1.78704	1.78704	3.53319	11.3418	2.8534	1
cg20340146	0.118532	0.730993	-1.368	0.00521908	0.505862	-1.97682	0.033099	1.58521	1.58521	0.00130864	0.42095	-2.37558	9.42607	5.10479	0.481388	1
cg13623384	0.0898242	2.13842	2.13842	0.00113095	7.01002	7.01002	0.0136091	3.45837	3.45837	0.0740051	2.24646	2.24646	4.88463	12.7817	2.32597	1
cg11785509	0.00517317	0.549313	-1.82046	0.0235646	0.644784	-1.55091	0.313451	1.18436	1.18436	0.940178	1.01226	1.01226	12.4446	5.19124	0.370799	1
cg10698098	0.673834	0.792343	-1.26208	0.0418408	0.267712	-3.73536	0.539554	1.40756	1.40756	0.122433	0.394115	-2.53733	6.44643	30.1636	3.63932	1
cg18112708	0.312551	1.19876	1.19876	0.447266	1.14388	1.14388	0.00432069	1.93875	1.93875	0.497216	1.12706	1.12706	4.81986	2.29907	0.423999	1
cg17395354	0.0218905	0.687497	-1.45455	0.0373407	0.719498	-1.38986	0.448674	0.900156	-1.11092	0.449732	1.11064	1.11064	4.41832	1.29877	0.26129	1
cg24909975	0.440573	0.943801	-1.05955	0.679365	0.969896	-1.03104	0.83201	1.01574	1.01574	0.551934	1.04525	1.04525	3.7363	0.320031	0.0761374	1
cg02014733	0.00395575	0.439144	-2.27716	0.00827897	2.04793	2.04793	0.173741	1.35972	1.35972	0.0154338	0.532053	-1.87951	9.03939	6.45376	0.634631	1
cg04497176	0.13032	0.807452	-1.23846	0.0719798	0.768823	-1.30069	0.224869	1.18159	1.18159	0.112151	1.25409	1.25409	6.81711	1.84979	0.241196	1
cg12494332	0.175494	1.47442	1.47442	0.0620492	1.76161	1.76161	0.0561462	0.558236	-1.79136	0.27247	0.735031	-1.36049	4.29214	4.93771	1.02259	1
cg00044318	0.105767	1.20062	1.20062	0.00540122	1.46074	1.46074	0.434827	0.920854	-1.08595	0.0292333	0.766569	-1.30451	4.27078	0.724263	0.150743	1
cg19875498	0.211663	1.53253	1.53253	0.00284544	3.79144	3.79144	0.227589	1.50827	1.50827	0.306971	1.40938	1.40938	3.77647	6.29658	1.48206	1
cg04276551	0.443542	1.14918	1.14918	0.0120051	1.74671	1.74671	0.247611	0.806413	-1.24006	0.586667	0.90691	-1.10264	3.39214	1.70208	0.44602	1
cg15946571	5.48E-05	0.34347	-2.91147	0.0535663	0.732091	-1.36595	0.385795	0.881198	-1.13482	0.000258902	0.425253	-2.35154	34.996	11.2153	0.284866	1
cg21614684	0.030397	0.627131	-1.59456	0.797486	1.04828	1.04828	0.788424	1.05056	1.05056	0.00195746	0.448067	-2.23181	11.2903	6.01251	0.473365	1
cg07129392	0.488566	1.19026	1.19026	0.364014	0.793812	-1.25974	0.0166244	2.06255	2.06255	0.460426	0.830252	-1.20445	9.10239	8.83331	0.862611	1
cg09686013	0.829979	0.956004	-1.04602	0.0126453	1.91286	1.91286	0.683725	1.08948	1.08948	0.539949	0.878246	-1.13863	8.82101	6.11614	0.616321	1
cg11586666	0.2236	1.2879	1.2879	0.00654825	0.497115	-2.01161	0.370115	0.833498	-1.19976	0.140029	0.730391	-1.36913	7.87501	4.88352	0.551225	1
cg26980033	0.131061	1.24086	1.24086	0.022543	1.43565	1.43565	0.00119647	0.533428	-1.87467	0.933505	0.989015	-1.01111	6.40592	1.77769	0.246673	1
cg04617606	0.0277875	0.46281	-2.16071	0.0625889	0.537516	-1.86041	0.45427	1.25334	1.25334	0.0213719	0.440756	-2.26883	5.98792	8.32294	1.23552	1
cg03565280	0.00613724	0.41147	-2.43031	0.134518	0.669831	-1.49291	0.0315666	1.87028	1.87028	0.484998	0.838431	-1.1927	5.35874	5.23451	0.868283	1
cg13362794	0.0719175	0.360532	-2.77368	0.00670573	0.167705	-5.96287	0.189404	0.493657	-2.0257	0.220216	0.519677	-1.92427	4.94381	20.1901	3.63014	1
cg24115019	0.0109169	0.326542	-3.06239	0.00847269	0.308106	-3.24563	0.339223	1.41208	1.41208	0.12121	0.555103	-1.80147	4.92098	9.5634	1.72746	1
cg07709903	0.222491	1.3413	1.3413	0.0151821	1.98007	1.98007	0.000893259	3.12501	3.12501	0.883274	0.96691	-1.03422	4.59396	3.81709	0.73857	1
cg16802646	0.379275	0.742183	-1.34738	0.0444938	2.17394	2.17394	0.185294	0.627048	-1.59478	0.28965	0.694921	-1.43901	4.55924	7.66376	1.30739	1
ch.5.3178288F	0.201406	0.652087	-1.53354	0.0889196	0.551767	-1.81236	0.00695369	0.330651	-3.02433	0.792022	0.919658	-1.08736	4.09413	6.51271	1.41399	1
cg14644475	0.128847	0.431191	-2.31916	0.0419353	0.300727	-3.32527	0.129579	0.431993	-2.31485	0.434619	0.664579	-1.50471	3.93935	16.3901	3.69831	1
cg07243784	0.623972	0.94084	-1.06288	0.0038256	1.61808	1.61808	0.425994	1.10553	1.10553	0.0401595	1.33998	1.33998	3.91314	0.944067	0.21445	1
cg22456692	0.0083441	0.56952	-1.75586	0.0300741	1.53121	1.53121	0.531766	1.11157	1.11157	0.691491	0.935559	-1.06888	3.85722	1.70375	0.392626	1
cg17659382	0.044467	1.37279	1.37279	0.108781	1.27142	1.27142	0.0628588	0.750268	-1.33286	0.41091	0.890975	-1.12237	3.77006	1.1254	0.265342	1
cg05253577	0.055741	0.551367	-1.81367	0.00765685	0.390034	-2.56388	0.0944134	0.60351	-1.65697	0.857638	0.951878	-1.05055	3.4002	4.06262	1.06206	1
cg12998503	0.00216045	0.485645	-2.05912	1.80E-05	0.23021	-4.34386	0.637677	1.08282	1.08282	0.00134614	0.457825	-2.18424	26.0041	11.588	0.396109	1
cg17419475	0.000188539	3.09899	3.09899	0.000728945	0.397539	-2.51548	0.00041522	2.73428	2.73428	0.00210614	0.45994	-2.1742	23.7442	12.1294	0.454079	1
cg07855449	0.132494	1.29115	1.29115	0.778476	1.04539	1.04539	0.517245	1.10888	1.10888	0.217532	0.815292	-1.22655	14.692	5.76559	0.348826	1
cg16552884	0.76633	1.08162	1.08162	2.20E-05	0.106038	-9.4306	0.902335	0.968198	-1.03285	0.417541	0.804042	-1.24372	11.3244	12.4302	0.975686	1
cg22150665	0.782953	1.04124	1.04124	4.69E-05	0.325176	-3.07526	0.344128	1.15328	1.15328	0.75165	1.04756	1.04756	11.2929	3.83043	0.301501	1
cg13043378	0.084141	1.22293	1.22293	0.000188717	1.94096	1.94096	0.610473	0.947333	-1.0556	0.0238646	0.752813	-1.32835	10.2844	1.80661	0.156146	1
cg10716612	0.488572	1.29355	1.29355	0.271352	1.52028	1.52028	0.730865	1.13464	1.13464	0.523081	0.789179	-1.26714	5.96501	12.6424	1.88394	1
cg22079098	0.0665075	0.360339	-2.77517	0.0244912	0.264673	-3.77824	0.898737	0.9388	-1.06519	0.0308552	0.284346	-3.51685	5.12815	19.9837	3.46387	1
cg06308538	0.294831	0.582998	-1.71527	0.840633	1.10516	1.10516	0.0121914	4.71723	4.71723	0.388052	0.64445	-1.55171	4.06473	15.8781	3.47228	1
cg05250061	0.00244107	0.362371	-2.7596	0.884331	1.03566	1.03566	0.872153	0.961979	-1.03952	0.089832	0.637595	-1.56839	3.91458	3.59163	0.815556	1
cg26897712	0.217497	1.39512	1.39512	0.160433	0.68056	-1.46938	0.868912	0.958494	-1.0433	0.0737526	0.599549	-1.66792	3.6828	3.84194	0.927299	1
cg27162122	0.830511	0.916802	-1.09075	0.190771	1.75313	1.75313	0.00143923	6.4685	6.4685	0.339147	1.49071	1.49071	3.65958	9.51803	2.31187	1
cg12229364	0.662582	0.870189	-1.14918	0.94194	1.02334	1.02334	0.79541	0.921005	-1.08577	0.174708	0.633078	-1.57958	3.48484	5.53515	1.41187	1
cg23928234	0.332488	0.775697	-1.28916	0.351996	1.2755	1.2755	0.57328	1.15556	1.15556	0.251441	0.73756	-1.35582	3.46606	3.54318	0.908667	1
cg00591225	0.164785	1.26342	1.26342	0.0247274	1.52479	1.52479	0.0220153	0.648313	-1.54246	0.989265	0.99788	-1.00212	3.439	1.35586	0.350455	1
cg19930288	0.0257517	0.840006	-1.19047	0.0135974	0.817914	-1.22262	0.175491	0.909517	-1.09949	0.81091	1.0159	1.0159	13.0812	0.897903	0.0610141	1
cg25134515	0.120374	0.700869	-1.4268	0.816541	1.05025	1.05025	0.48995	1.15946	1.15946	0.999713	1.00008	1.00008	5.31597	3.74748	0.62662	1
cg03449040	0.000143426	0.18784	-5.32367	9.86E-06	0.0885696	-11.2906	0.313399	0.76639	-1.30482	7.60E-05	0.160298	-6.23836	35.6149	36.7281	0.916674	1
cg22647743	0.00235846	0.296866	-3.36852	3.51E-06	0.0441229	-22.664	0.158513	0.649523	-1.53959	0.000125157	0.147612	-6.77452	28.0969	36.4695	1.15377	1
cg16166036	0.923463	0.982632	-1.01767	0.0130037	1.754	1.754	0.281345	0.815348	-1.22647	0.0440732	0.655872	-1.52469	18.4464	9.71165	0.467981	1
cg07416427	0.34273	1.28011	1.28011	0.0424621	1.80451	1.80451	0.441245	0.820047	-1.21944	0.221775	0.722936	-1.38325	18.294	18.4921	0.898515	1
cg09974287	0.87371	1.04244	1.04244	0.395719	1.25514	1.25514	0.567516	0.859865	-1.16297	0.112436	0.636666	-1.57068	8.18422	8.848	0.960982	1
cg24258259	0.941631	0.983456	-1.01682	0.353026	1.24323	1.24323	0.0406678	0.583674	-1.71328	0.362084	0.807818	-1.2379	7.36242	6.05182	0.730655	1
cg06217046	0.021233	0.243722	-4.10303	0.00143851	0.0955119	-10.4699	0.4577	0.680123	-1.47032	0.0296923	0.271308	-3.68585	6.68293	27.4999	3.65773	1
cg18064897	0.0501058	2.21339	2.21339	0.35998	1.3976	1.3976	0.597756	1.20851	1.20851	0.38361	0.727766	-1.37407	5.88371	11.7894	1.7811	1
cg03184366	0.241649	0.627997	-1.59236	0.000618514	0.135313	-7.39029	0.00716117	0.267649	-3.73624	0.773254	1.1159	1.1159	5.87088	13.3975	2.02847	1
cg03477368	0.136791	0.585026	-1.70932	0.145732	0.593078	-1.68612	0.146507	0.593759	-1.68418	0.653532	0.859743	-1.16314	5.81934	10.3108	1.57495	1
cg08867430	0.199832	1.69665	1.69665	0.0375572	2.56454	2.56454	0.0744451	2.17223	2.17223	0.102938	2.00643	2.00643	4.92568	11.8853	2.14482	1
cg03840091	0.294451	0.712295	-1.40391	0.159535	0.625638	-1.59837	0.507597	1.23335	1.23335	0.47792	0.798425	-1.25247	4.54386	7.00541	1.37043	1
cg00909388	0.0891051	2.72555	2.72555	0.00515221	0.138687	-7.21047	0.838968	1.11495	1.11495	0.136435	0.423995	-2.35852	4.11871	18.6548	4.02603	1
cg01623475	0.0451025	0.477145	-2.0958	0.00058039	0.180391	-5.54351	0.000211476	0.136265	-7.33866	0.00682848	0.323754	-3.08877	16.4306	26.9544	1.45822	1
cg08599635	0.000550573	5.98129	5.98129	0.000101431	9.93604	9.93604	0.00827161	3.08279	3.08279	0.000952143	5.16481	5.16481	14.2284	25.0493	1.5649	1
cg03295251	0.212344	1.41344	1.41344	0.0550191	1.77377	1.77377	0.00289132	2.94175	2.94175	0.0441248	1.83896	1.83896	13.0832	14.378	0.976856	1
cg09038266	0.0014728	0.518048	-1.93032	0.00260828	0.550175	-1.8176	0.580887	0.923202	-1.08319	0.00152643	0.520048	-1.9229	12.4915	4.06247	0.289082	1
cg08748098	0.0278484	2.33325	2.33325	0.00964691	2.90876	2.90876	0.000142226	8.48755	8.48755	0.00022829	7.36018	7.36018	12.3071	20.7096	1.49577	1
cg08091526	0.000137604	0.259439	-3.85447	0.000110472	0.248463	-4.02475	0.201026	0.758519	-1.31836	0.0747934	0.666195	-1.50106	11.6938	7.75794	0.58971	1
cg08173834	0.0449272	0.564697	-1.77086	0.0017117	0.328997	-3.03954	0.779176	0.932583	-1.07229	0.140441	0.674511	-1.48256	7.02825	6.86284	0.867969	1
cg03120102	0.121087	0.442106	-2.2619	0.000370437	0.0628645	-15.9072	0.0647799	0.36527	-2.7377	0.0185355	0.249946	-4.00086	6.78254	25.3264	3.31916	1
cg03216739	0.798951	0.926631	-1.07918	0.326464	1.35319	1.35319	0.797959	1.0796	1.0796	0.722568	0.899039	-1.1123	5.98372	8.44729	1.25485	1
cg09785338	0.493918	0.772878	-1.29386	0.0140188	0.32465	-3.08024	0.963703	1.01702	1.01702	0.0608397	0.456723	-2.18951	5.87949	12.8068	1.93619	1
cg01608400	0.0293231	0.393569	-2.54085	0.00395605	0.244648	-4.0875	0.00436675	0.250797	-3.98728	0.0718832	0.481957	-2.07487	5.65762	11.8238	1.85769	1
cg09452312	0.190773	1.44773	1.44773	0.640048	0.881803	-1.13404	0.912731	1.02971	1.02971	0.134553	0.649921	-1.53865	5.42577	6.12944	1.00417	1
cg02831727	0.120572	0.48377	-2.0671	0.00802614	0.231092	-4.32727	0.963904	1.01971	1.01971	0.262255	0.60402	-1.65557	5.14152	15.1466	2.61861	1
cg01365766	0.113832	0.472998	-2.11418	0.0173509	0.283391	-3.5287	0.118594	0.478397	-2.09031	0.0323226	0.335977	-2.9764	4.94979	14.8472	2.66629	1
cg10424969	0.139618	0.548005	-1.8248	0.041553	0.410998	-2.4331	0.781196	0.900004	-1.11111	0.0650398	0.456644	-2.18989	4.87276	11.0486	2.01548	1
cg08549497	0.0197668	0.184733	-5.41322	0.0347016	0.228276	-4.38066	0.0748235	0.304049	-3.28895	0.0113383	0.149234	-6.70088	4.84581	27.6283	5.06798	1
cg00469083	0.222814	1.87563	1.87563	0.673596	1.23121	1.23121	0.00664672	5.63655	5.63655	0.0267206	3.62868	3.62868	4.39531	16.7799	3.39349	1
cg07874127	0.400188	1.39233	1.39233	0.860822	0.934778	-1.06977	0.345809	0.688563	-1.4523	0.0957522	0.494994	-2.02023	4.0806	9.54605	2.07944	1
cg03601549	0.819668	1.07093	1.07093	0.0306754	2.14253	2.14253	0.37657	0.761602	-1.31302	0.917502	1.03158	1.03158	4.0523	5.78096	1.26808	1
cg07674304	0.0173279	0.351535	-2.84467	0.00670472	0.281277	-3.55521	0.0857109	1.984	1.984	0.176266	0.595343	-1.6797	3.91954	8.07726	1.83179	1
cg00879840	0.689725	1.14714	1.14714	0.651795	0.856081	-1.16811	0.299234	1.44487	1.44487	0.104287	0.544741	-1.83573	3.56546	6.60727	1.64723	1
cg06483517	0.0147365	0.50981	-1.96152	3.45E-05	0.165573	-6.03964	0.0250968	0.549881	-1.81858	0.000168264	0.237586	-4.20901	15.0045	11.9724	0.709259	1
cg07493562	0.370588	0.778541	-1.28445	0.00332573	0.336787	-2.96924	0.665839	1.12558	1.12558	0.00176742	0.29744	-3.36202	7.6194	8.9457	1.04362	1
cg00253171	0.285938	1.35034	1.35034	0.000819916	3.92218	3.92218	0.0162621	2.21767	2.21767	0.151634	1.51643	1.51643	7.13539	8.30125	1.03413	1
cg16740746	0.636245	0.941245	-1.06242	0.00914208	0.656519	-1.52319	0.216971	0.847805	-1.17952	0.123945	0.809166	-1.23584	4.08935	1.04621	0.227411	1
cg15309990	0.00047274	0.464592	-2.15243	0.00374978	0.579109	-1.72679	0.00123813	1.93303	1.93303	0.42579	1.12023	1.12023	29.2306	9.02184	0.27435	1
cg17711870	0.00403163	0.262888	-3.8039	0.000383025	0.140725	-7.10607	0.00483826	0.274562	-3.64216	0.27123	1.48613	1.48613	12.9738	24.5815	1.68417	1
cg23704802	0.0333145	0.301881	-3.31256	0.000308584	0.0596145	-16.7744	0.00113289	0.0996399	-10.0361	0.0033196	0.145833	-6.85714	9.76496	35.857	3.264	1
cg14487271	0.0248773	0.317296	-3.15163	0.00035345	0.0848232	-11.7892	0.00785759	0.230754	-4.33361	0.0636557	0.408023	-2.45084	7.79426	22.8182	2.60227	1
cg13552736	0.411412	1.12231	1.12231	0.00385748	0.571374	-1.75017	0.00180807	0.525283	-1.90374	0.659563	0.941053	-1.06264	8.78033	2.55203	0.226064	1
cg22427401	0.0691236	1.36439	1.36439	0.0392828	1.43959	1.43959	0.0301941	0.677469	-1.47608	0.120824	0.773351	-1.29307	6.99057	2.58417	0.328592	1
cg11462016	0.00719707	0.221274	-4.51928	0.0251674	0.314194	-3.18275	0.425813	0.702164	-1.42417	0.084479	0.436148	-2.2928	5.45764	16.3411	2.66149	1
cg27002758	0.466941	0.741034	-1.34947	0.232526	1.66942	1.66942	0.116318	0.492671	-2.02975	0.0412601	2.71641	2.71641	6.9531	15.091	1.6278	1
cg01874933	0.295	1.21404	1.21404	0.0223831	1.63016	1.63016	0.0483141	1.49624	1.49624	0.710638	0.935615	-1.06882	4.15387	2.0982	0.448995	1
cg01211091	0.743005	1.05904	1.05904	0.00701634	0.544571	-1.83631	0.402442	1.16113	1.16113	0.102616	0.732436	-1.36531	3.54588	1.70695	0.427901	1
cg06715160	0.37896	1.04246	1.04246	0.00229247	0.821683	-1.21701	0.0010768	1.24916	1.24916	3.02E-05	1.45646	1.45646	31.6962	1.06559	0.0298834	1
cg01171429	0.0640601	0.779012	-1.28368	0.0448765	1.31819	1.31819	0.0406277	0.753011	-1.328	6.04E-05	0.41092	-2.43356	28.8861	6.58782	0.202722	1
cg00657810	0.00657513	1.58144	1.58144	0.00954661	1.53154	1.53154	0.206171	1.18906	1.18906	0.013836	0.673655	-1.48444	11.116	2.96899	0.237414	1
cg16439003	0.679453	1.21218	1.21218	0.662592	1.22546	1.22546	0.876039	0.93026	-1.07497	0.428653	0.687848	-1.45381	7.36885	25.0278	3.01905	1
cg09419444	0.0509876	0.358357	-2.79052	0.0038792	0.166027	-6.02311	0.301862	0.610302	-1.63853	0.201741	0.536691	-1.86327	6.71427	22.6638	3.00041	1
cg02250357	0.0330435	0.480653	-2.0805	?	?	?	0.0385717	0.494448	-2.02246	0.00311899	0.304781	-3.28104	5.94112	7.22565	1.21621	1
cg00854324	0.00610341	0.29581	-3.38055	0.0121815	0.345398	-2.89521	0.0754668	0.509964	-1.96092	0.0214283	0.390435	-2.56125	5.67908	10.4152	1.63018	1
cg26832686	0.083943	0.421881	-2.37034	0.00540759	0.191612	-5.21888	0.533268	0.752188	-1.32946	0.204125	0.546184	-1.83088	5.49674	17.7298	2.86713	1
cg26884345	0.622755	1.07349	1.07349	0.500258	1.1028	1.1028	0.874358	1.02289	1.02289	0.558611	1.08827	1.08827	5.24063	1.69756	0.287931	1
cg00142834	0.148872	0.832012	-1.20191	0.00444882	1.56954	1.56954	0.0216407	0.720663	-1.38761	0.946947	0.992126	-1.00794	4.9703	1.11086	0.198666	1
cg01578632	0.40421	0.662788	-1.50878	0.0483662	0.337227	-2.96536	0.977054	0.986236	-1.01396	0.830105	0.901634	-1.1091	4.45224	16.3746	3.26918	1
cg09806966	0.208745	0.633949	-1.57742	0.0253305	2.49543	2.49543	0.57304	0.822114	-1.21638	0.770167	1.10602	1.10602	4.0827	7.64984	1.66553	1
cg08327378	0.341081	1.25398	1.25398	0.00267274	0.38369	-2.60627	0.123737	1.46903	1.46903	0.486544	0.849506	-1.17716	3.6403	3.06844	0.749252	1
cg16516248	0.0797242	0.325903	-3.0684	0.0457469	0.267027	-3.74495	0.67947	0.786989	-1.27067	0.147319	0.408008	-2.45093	3.61004	19.0043	4.67937	1
cg10723575	0.234123	0.538433	-1.85724	0.0768667	0.376605	-2.6553	0.239757	0.542807	-1.84228	0.792927	0.877583	-1.13949	3.65658	14.2675	3.46833	1
cg19547293	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18484958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11050612	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15043384	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04215287	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14557185	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20562062	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11566561	WWTR1;WWTR1;WWTR1	0.00522224	0.307639	0.830326	-1.20435	0.249518	1.23603	1.23603	0.0167067	0.597868	-1.67261	0.125394	0.746741	-1.33915	0.000742448	0.405851	-2.46396
cg20682073	WWTR1;WWTR1;WWTR1	0.00726389	0.0669217	1.38451	1.38451	0.0927019	0.745973	-1.34053	0.00574388	0.563552	-1.77446	0.623764	0.924673	-1.08146	0.436846	0.881927	-1.13388
cg00648919	WWTR1;WWTR1;WWTR1	0.00840407	0.0200513	4.05619	4.05619	0.0108658	4.93347	4.93347	0.0454997	3.1414	3.1414	0.0830156	2.60615	2.60615	0.0118756	4.79361	4.79361
cg06253058	WWTR1;WWTR1;WWTR1	0.00898204	0.0159708	10.1954	10.1954	0.00568729	17.3695	17.3695	0.0260292	7.99703	7.99703	0.0997529	4.13616	4.13616	0.0168447	9.92667	9.92667
cg11923296	WWTR1;WWTR1;WWTR1	0.0106629	0.0387083	2.3306	2.3306	0.00617347	3.53375	3.53375	0.15642	1.70881	1.70881	0.0167516	0.356321	-2.80646	0.00999185	3.15692	3.15692
cg18154786	WWTR1;WWTR1;WWTR1	0.012486	0.501363	0.84502	-1.1834	0.000990036	0.298895	-3.34565	0.0107769	0.453627	-2.20445	0.0470346	0.570697	-1.75224	0.878012	1.03863	1.03863
cg02841523	WWTR1;WWTR1;WWTR1	0.0169587	0.0509595	11.7828	11.7828	0.00780568	44.211	44.211	0.0425978	13.3314	13.3314	0.106919	7.04786	7.04786	0.0228214	20.5399	20.5399
cg07784293	WWTR1;WWTR1;WWTR1	0.0203753	0.00610083	0.0745217	-13.4189	0.0392786	0.177283	-5.6407	0.163295	0.339828	-2.94266	0.109594	0.28214	-3.54433	0.0102891	0.095792	-10.4393
cg02013148	WWTR1;WWTR1;WWTR1	0.0213518	0.0379684	0.549466	-1.81995	0.551413	0.860728	-1.16181	0.0137124	0.468364	-2.13509	0.153166	0.683383	-1.46331	0.0179322	0.48876	-2.046
cg12507125	WWTR1;WWTR1;WWTR1	0.0251554	0.0340236	16.2514	16.2514	0.0493645	12.5225	12.5225	0.119471	6.71163	6.71163	0.0917462	8.10198	8.10198	0.0287184	18.3081	18.3081
cg23017915	WWTR1;WWTR1;WWTR1	0.0255087	0.0154676	2.90681	2.90681	0.00701843	3.49776	3.49776	0.0228575	2.6596	2.6596	0.44514	1.32259	1.32259	0.0333965	2.44233	2.44233
cg06694299	WWTR1;WWTR1;WWTR1	0.0310175	0.0228903	0.208182	-4.8035	0.382068	0.596431	-1.67664	0.440673	0.635526	-1.5735	0.347088	0.572269	-1.74743	0.013715	0.172578	-5.79449
cg21399685	WWTR1;WWTR1;WWTR1	0.039379	0.0441903	14.6831	14.6831	0.0333805	17.9831	17.9831	0.07453	10.0641	10.0641	0.278655	3.70295	3.70295	0.0493555	13.5573	13.5573
cg10726475	WWTR1;WWTR1;WWTR1	0.0442457	0.0299202	30.5953	30.5953	0.0281831	32.1654	32.1654	0.066761	15.6818	15.6818	0.0978031	11.3862	11.3862	0.0583043	17.5548	17.5548
cg26370066	XAB2	0.000866516	0.48589	1.17859	1.17859	0.000102826	0.202897	-4.92862	0.0239784	0.535293	-1.86814	0.282378	1.29592	1.29592	0.000151729	0.221276	-4.51925
cg02383368	XAB2	0.00274245	0.0453615	1.46313	1.46313	0.0436112	1.46907	1.46907	0.00760433	1.76664	1.76664	0.538573	1.10875	1.10875	0.0654877	0.709812	-1.40882
cg17135027	XAB2	0.00431791	0.796206	1.04366	1.04366	0.0159031	0.614145	-1.62828	0.0411686	0.677775	-1.47542	0.0532406	0.695882	-1.43703	0.694869	0.936986	-1.06725
cg21643649	XAB2	0.00599259	0.780197	1.04944	1.04944	0.0145837	0.595158	-1.68023	0.462404	0.878933	-1.13774	0.0370529	0.65858	-1.51842	0.00082189	0.419159	-2.38573
cg19005373	XAB2	0.00753031	0.42964	0.801141	-1.24822	0.0390945	1.92839	1.92839	0.0907581	1.66938	1.66938	0.01967	0.460733	-2.17045	0.129307	0.637166	-1.56945
cg08131270	XAB2	0.00998463	0.328144	0.832609	-1.20104	0.112201	0.7306	-1.36874	0.0584669	1.47406	1.47406	0.548114	0.895564	-1.11661	0.000232948	0.330176	-3.02869
cg17735716	XAB2	0.0259882	0.122708	1.38708	1.38708	0.325576	1.21968	1.21968	0.00710321	0.506415	-1.97467	0.639726	1.09662	1.09662	0.650213	1.09342	1.09342
cg26146781	XAB2;LOC100131801;LOC100131801	0.00219546	0.0726769	1.78656	1.78656	0.89553	1.0388	1.0388	0.729544	0.904315	-1.10581	0.157364	1.54989	1.54989	0.100261	1.6851	1.6851
cg03613353	XAB2;LOC100131801;LOC100131801	0.00264785	0.055763	0.32516	-3.07541	9.42E-05	0.0271123	-36.8837	0.0121994	0.198128	-5.04725	0.493619	1.43384	1.43384	0.0773957	0.361452	-2.76662
cg14321269	XAF1;XAF1	0.041233	0.0108753	0.355543	-2.8126	0.0547239	2.02327	2.02327	0.407374	1.31534	1.31534	0.78812	0.916569	-1.09103	0.0119208	0.362453	-2.75898
cg27146152	XAF1;XAF1;XAF1;XAF1	0.00142419	0.000369577	0.27305	-3.66233	0.000845843	3.13524	3.13524	0.947401	1.01514	1.01514	0.436917	0.834764	-1.19794	0.330581	0.795621	-1.25688
cg26502852	XAF1;XAF1;XAF1;XAF1	0.00166261	0.000356359	0.109517	-9.13099	0.00214568	5.27792	5.27792	0.33338	1.46966	1.46966	0.204876	0.596784	-1.67565	0.00496808	0.238089	-4.20011
cg06085204	XAF1;XAF1;XAF1;XAF1	0.00189237	0.00176124	0.249652	-4.00558	0.000215893	6.83978	6.83978	0.0523191	1.98828	1.98828	0.472313	0.796395	-1.25566	0.0886809	0.557204	-1.79467
cg05513208	XAF1;XAF1;XAF1;XAF1	0.00925805	0.00335147	0.189418	-5.27934	0.00383444	5.07612	5.07612	0.2585	1.63463	1.63463	0.194167	0.564091	-1.77276	0.0315467	0.349602	-2.86039
cg20803910	XAF1;XAF1;XAF1;XAF1	0.041623	0.00224211	0.276516	-3.61643	0.1678	1.55527	1.55527	0.980835	0.99281	-1.00724	0.692106	0.887299	-1.12702	0.893562	0.960581	-1.04104
cg24802193	XAGE1B;XAGE1E;XAGE1C;XAGE1E;XAGE1A;XAGE1D;XAGE1D;XAGE1D;XAGE1C;XAGE1A;XAGE1B;XAGE1D;XAG	0.0194958	0.024938	0.194578	-5.13932	0.063718	0.27841	-3.59183	0.16473	0.402831	-2.48243	0.0921973	0.320774	-3.11746	0.00413841	0.0945688	-10.5743
cg19538335	XAGE3	0.00485332	0.01345	0.221384	-4.51704	0.0156639	0.232291	-4.30494	0.0266474	0.274071	-3.6487	0.0459141	0.323879	-3.08757	0.00270172	0.129744	-7.70746
cg08782688	XAGE3;XAGE3	4.74E-07	0.00292853	0.689171	-1.45102	0.00616019	0.722196	-1.38467	7.40E-08	0.194678	-5.13668	0.00963174	1.34777	1.34777	7.76E-07	0.29832	-3.35211
cg08366073	XAGE3;XAGE3	0.000412548	0.000445912	0.252384	-3.96221	0.019897	0.497363	-2.01061	0.0203312	0.499051	-2.0038	0.0737536	0.60937	-1.64104	0.000129207	0.191454	-5.22319
cg05407106	XAGE3;XAGE3	0.0114092	0.104262	0.556125	-1.79816	0.293408	0.697613	-1.43346	0.34067	0.722947	-1.38323	0.180601	0.625182	-1.59953	0.0169755	0.382181	-2.61656
cg17919471	XAGE3;XAGE3	0.0119163	0.0301774	0.378902	-2.63921	0.42823	0.734975	-1.36059	0.655152	0.842702	-1.18666	0.0157643	0.324223	-3.0843	0.0075062	0.269803	-3.7064
cg12521910	XAGE3;XAGE3	0.026579	0.217126	0.628977	-1.58988	0.0340078	0.413304	-2.41953	0.0104625	0.316422	-3.16033	0.22873	0.636969	-1.56993	0.00159738	0.19849	-5.03803
cg13440244	XAGE3;XAGE3	0.0456265	0.609118	0.725951	-1.3775	0.248224	0.472545	-2.1162	0.0429078	0.235275	-4.25034	0.012264	0.144086	-6.94031	0.00230759	0.0710528	-14.074
cg03553781	XAGE3;XAGE3;XAGE3	7.62E-05	0.235933	0.846811	-1.1809	0.985131	1.0025	1.0025	0.0139091	0.665777	-1.502	0.00539012	0.612346	-1.63306	0.000204346	0.43462	-2.30086
cg09054088	XAGE5	3.08E-05	0.00628895	0.645108	-1.55013	0.209349	0.84963	-1.17698	5.92E-06	0.285756	-3.49949	1.70E-05	0.337214	-2.96548	3.64E-05	0.375598	-2.66242
cg25831281	XAGE5	0.000362926	0.000146131	0.141877	-7.04835	0.00539426	0.334706	-2.9877	0.000335649	0.177635	-5.62952	0.00126852	0.245314	-4.07641	0.00195176	0.270134	-3.70187
cg22562335	XAGE5	0.000460123	0.0473302	0.765775	-1.30587	0.896334	0.984786	-1.01545	8.16E-05	0.433704	-2.30572	0.397027	1.10738	1.10738	4.48E-05	0.403092	-2.48082
cg16916745	XAGE5	0.000468313	0.00046202	0.167845	-5.95788	0.0460927	0.477006	-2.09641	0.000458273	0.167474	-5.97109	0.504199	0.802916	-1.24546	5.09E-05	0.085572	-11.6861
cg03369029	XAGE5	0.00372699	0.00401253	0.254344	-3.93169	0.183248	0.606496	-1.64882	0.00428573	0.258482	-3.86874	0.0050756	0.269326	-3.71297	0.192501	0.613563	-1.62982
cg25993152	XAGE5	0.0127237	0.203592	0.490794	-2.03751	0.135869	0.426386	-2.34529	0.226664	0.510044	-1.96061	0.0105204	0.181347	-5.5143	0.00108568	0.0774825	-12.9061
cg07975691	XAGE5	0.0180371	0.00122248	0.0826826	-12.0944	0.927243	0.953018	-1.0493	0.30946	0.574544	-1.74051	0.0101896	0.181396	-5.51281	0.0118607	0.191074	-5.23358
cg14013300	XBP1;XBP1	0.00240452	0.0619457	0.809038	-1.23604	0.050289	1.25228	1.25228	0.00137338	1.59684	1.59684	0.553895	0.94142	-1.06222	0.00292413	1.51006	1.51006
cg18940763	XBP1;XBP1	0.00409453	0.0129414	0.267188	-3.74268	0.0976074	0.459503	-2.17627	0.908894	1.05019	1.05019	0.512442	0.752603	-1.32872	0.00363976	0.185817	-5.38163
cg02145211	XBP1;XBP1	0.00650216	0.114241	0.830258	-1.20445	0.00034737	1.86443	1.86443	0.170827	1.17106	1.17106	0.0647178	1.25187	1.25187	0.128116	1.19494	1.19494
cg00742649	XBP1;XBP1	0.0186961	0.4942	0.685556	-1.45867	0.000421085	0.0478722	-20.889	0.0207938	0.220189	-4.54156	0.333001	0.580973	-1.72125	0.525208	0.704612	-1.41922
cg00651286	XBP1;XBP1	0.0305383	0.524093	1.23274	1.23274	0.805654	1.08317	1.08317	0.0966927	1.80583	1.80583	0.0377857	0.458048	-2.18318	0.0293407	2.2976	2.2976
cg17186328	XCL1	0.011698	0.140165	0.773551	-1.29274	0.0122425	1.65679	1.65679	0.0518986	0.69918	-1.43025	0.458087	1.13002	1.13002	0.00231143	0.502239	-1.99108
cg00154920	XCL2	0.00354418	0.451293	0.844956	-1.18349	0.812942	1.05341	1.05341	0.000331979	0.280393	-3.56642	0.167408	0.723943	-1.38132	0.0319254	0.575884	-1.73646
cg00923458	XCL2	0.00554453	0.247608	0.850389	-1.17593	0.0016917	0.548032	-1.82471	0.00331159	0.584914	-1.70965	0.00579293	0.615939	-1.62354	0.235841	0.846581	-1.18122
cg12286890	XCL2	0.0270078	0.0181939	0.253553	-3.94395	0.176294	0.502579	-1.98974	0.169285	0.496201	-2.01531	0.00237658	0.131655	-7.59559	0.187291	0.5123	-1.95198
cg21195162	XCL2	0.0452985	0.974276	1.00975	1.00975	0.0241119	0.44522	-2.24608	0.0102827	0.377958	-2.6458	0.595164	1.1751	1.1751	0.0949953	0.575804	-1.7367
cg04860142	XCR1;XCR1	2.35E-05	0.279356	0.797091	-1.25456	0.000416214	0.323367	-3.09247	5.00E-05	0.215583	-4.63859	0.203517	0.762888	-1.31081	7.68E-07	0.0684795	-14.6029
cg22584157	XCR1;XCR1	0.000280913	0.366248	1.15858	1.15858	0.0268273	0.659755	-1.51571	0.00018444	0.367184	-2.72343	5.10E-05	0.300245	-3.33062	7.27E-05	0.318276	-3.14193
cg01442426	XCR1;XCR1	0.01116	0.0776541	0.311404	-3.21127	0.0200872	0.188536	-5.30402	0.0218583	0.194611	-5.13845	0.399693	0.598766	-1.6701	0.00240773	0.0808746	-12.3648
cg10360403	XCR1;XCR1	0.0267793	0.0266832	0.71571	-1.39721	0.35467	0.885785	-1.12894	0.00532455	0.626456	-1.59628	0.667486	1.05659	1.05659	0.601175	1.06948	1.06948
cg19967421	XCR1;XCR1	0.0379099	0.212968	0.700435	-1.42768	0.61878	1.14588	1.14588	0.0283625	0.495347	-2.01879	0.331372	0.76181	-1.31266	0.0104383	0.416764	-2.39944
cg13431152	XCR1;XCR1	0.0487727	0.294608	1.18143	1.18143	0.348864	1.15943	1.15943	0.00417503	0.555011	-1.80177	0.740098	1.05239	1.05239	0.450056	0.888648	-1.1253
cg25124300	XDH	0.000799605	0.000438274	0.160999	-6.21122	0.583158	0.833424	-1.19987	0.000599804	0.175405	-5.70111	0.0706254	0.514669	-1.943	0.00265054	0.254838	-3.92406
cg26767897	XDH	0.0033018	0.00233174	0.457671	-2.18498	0.0063681	0.520507	-1.9212	0.0828484	0.702459	-1.42357	0.929513	1.0164	1.0164	0.231581	0.793955	-1.25952
cg13847701	XDH	0.00425787	0.0198401	0.47793	-2.09236	0.69818	0.902764	-1.10771	0.0813035	0.602137	-1.66075	0.654473	0.888467	-1.12553	0.00194238	0.316387	-3.16069
cg25296477	XG;XG;XG	0.0304237	0.961875	1.02177	1.02177	0.650756	1.22791	1.22791	0.806265	0.895211	-1.11706	0.885672	1.06696	1.06696	0.00161655	0.130522	-7.66154
cg26484667	XG;XG;XG	0.0483213	0.106921	0.555716	-1.79948	0.176848	0.619285	-1.61477	0.0783328	0.520587	-1.92091	0.0117353	0.349643	-2.86006	0.0108658	0.343864	-2.90813
cg01003813	XG;XG;XG	0.0485629	0.913169	1.06287	1.06287	0.788689	0.860576	-1.16201	0.412884	0.62629	-1.5967	0.456811	0.654692	-1.52744	0.00114055	0.0689566	-14.5019
cg02877744	XIAP	0.000443688	0.523072	0.876248	-1.14123	0.00744316	0.49485	-2.02081	0.000296876	0.300522	-3.32755	0.10329	1.43864	1.43864	4.05E-05	0.202013	-4.95018
cg12413566	XIRP1	0.000136451	0.00247327	0.404645	-2.4713	0.285083	1.26963	1.26963	2.68E-05	0.168063	-5.95015	6.86E-05	0.209046	-4.78364	0.297058	0.792595	-1.26168
cg25574691	XIRP1	0.0121909	0.00467161	0.298891	-3.3457	0.0294774	0.439018	-2.27781	0.0140867	0.377922	-2.64605	0.930876	0.972527	-1.02825	0.00220386	0.25209	-3.96684
cg14769021	XIRP1	0.0233403	0.467652	1.25268	1.25268	0.0150235	0.40203	-2.48738	0.0341526	0.470693	-2.12453	0.357346	0.74934	-1.33451	0.433415	0.783737	-1.27594
cg17325595	XIRP2;XIRP2	0.000156056	0.535007	0.933097	-1.0717	0.00446891	1.51877	1.51877	0.822999	0.975609	-1.025	0.936273	1.00885	1.00885	0.607367	0.944476	-1.05879
cg02084485	XIRP2;XIRP2	0.000271614	0.00137472	0.400715	-2.49554	0.120369	0.717539	-1.39365	0.0359049	0.618234	-1.61751	0.0383875	0.623321	-1.60431	4.17E-06	0.122534	-8.16099
cg16582792	XIRP2;XIRP2	0.021041	0.342363	0.683132	-1.46385	0.214686	0.601217	-1.66329	0.0203611	0.336508	-2.9717	0.197789	0.588456	-1.69936	0.000504089	0.120252	-8.3159
cg17279685	XIST	0.00326493	0.0266972	0.437161	-2.28748	0.763702	1.09967	1.09967	0.280662	0.702308	-1.42388	0.938336	1.02468	1.02468	0.00357822	0.288385	-3.46759
cg04629827	XK	0.0274249	0.031638	0.286027	-3.49617	0.0374058	0.301236	-3.31966	0.866895	1.0869	1.0869	0.204706	1.94411	1.94411	0.00275099	0.128417	-7.78713
cg07489003	XK	0.0420588	0.0280754	0.226621	-4.41265	0.0144723	0.178317	-5.60799	0.378198	0.596085	-1.67761	0.745944	1.20445	1.20445	0.0409409	0.259242	-3.85739
cg07193389	XKR3	0.0119481	0.00412862	0.49504	-2.02004	0.420396	0.860292	-1.1624	0.00296821	0.474545	-2.10728	0.310178	0.825332	-1.21163	0.460736	0.871723	-1.14715
cg12733040	XKR3	0.0216096	0.0132275	0.304693	-3.28199	0.0782769	0.469058	-2.13193	0.180151	0.576463	-1.73472	0.199319	0.591656	-1.69017	0.149021	1.82009	1.82009
cg06983174	XKR4	9.78E-06	0.475425	0.92845	-1.07706	7.72E-05	0.480779	-2.07996	2.30E-05	0.420407	-2.37864	0.76681	0.970037	-1.03089	0.602443	1.05523	1.05523
cg08417620	XKR4	0.000340893	0.00183388	2.01309	2.01309	0.000568861	0.43008	-2.32515	0.000130505	0.349913	-2.85786	0.213583	0.812995	-1.23002	0.011063	0.604296	-1.65482
cg09524907	XKR4	0.000631747	0.00248905	0.749371	-1.33445	0.76981	1.02035	1.02035	0.00271703	1.32871	1.32871	0.00213249	1.34475	1.34475	0.998797	1.0001	1.0001
cg16312101	XKR4	0.000914745	0.137851	1.23074	1.23074	0.0814967	1.28517	1.28517	0.803489	0.968123	-1.03293	0.803248	0.968084	-1.03297	0.494613	1.0943	1.0943
cg05414135	XKR4	0.00274412	0.593908	0.874477	-1.14354	0.00326083	0.367993	-2.71744	0.00574834	0.405676	-2.46502	0.811446	0.942174	-1.06137	0.000859622	0.287246	-3.48133
cg19396360	XKR4	0.00376687	0.0369922	0.824944	-1.2122	0.028074	0.813748	-1.22888	0.0468952	0.83466	-1.19809	0.267229	0.912263	-1.09617	0.656796	1.03617	1.03617
cg01525428	XKR4	0.00466615	0.0573578	0.725993	-1.37742	0.03241	1.45217	1.45217	0.110015	1.29624	1.29624	0.849851	1.02863	1.02863	0.0724133	0.741851	-1.34798
cg23148546	XKR4	0.00734745	0.12452	1.65587	1.65587	0.00494403	3.09184	3.09184	0.557789	1.19692	1.19692	0.0235277	2.27112	2.27112	0.0158578	0.408203	-2.44976
cg09388605	XKR4	0.0123645	0.0305196	0.804317	-1.24329	0.00451754	1.38287	1.38287	0.0033317	1.40818	1.40818	0.894917	0.988743	-1.01138	0.549803	0.949485	-1.0532
cg01542899	XKR4	0.0144378	0.356718	1.31853	1.31853	0.293658	1.37404	1.37404	0.705069	1.11731	1.11731	0.258955	1.40996	1.40996	0.00183647	0.27504	-3.63583
cg24174665	XKR4	0.0258616	0.36238	1.19443	1.19443	0.0212323	1.69148	1.69148	0.238458	1.26405	1.26405	0.780342	0.948328	-1.05449	0.886145	1.02756	1.02756
cg06868946	XKR4	0.0429265	0.311643	0.759326	-1.31696	0.139529	1.51928	1.51928	0.035655	1.90248	1.90248	0.493734	1.20059	1.20059	0.206761	0.704518	-1.41941
cg26898869	XKR4;SBF1P1	1.64E-05	0.151486	0.86918	-1.15051	0.171013	1.14223	1.14223	0.0161411	1.30803	1.30803	0.00157666	1.51292	1.51292	3.49E-05	0.482056	-2.07445
cg03193096	XKR4;SBF1P1	0.000404955	0.416954	0.863327	-1.15831	0.00048094	2.6387	2.6387	0.358738	0.846044	-1.18197	0.344275	0.841489	-1.18837	0.0394623	0.655737	-1.525
cg17687285	XKR4;SBF1P1	0.000477648	0.0656782	0.810854	-1.23327	0.0577776	1.24329	1.24329	0.14709	1.17109	1.17109	0.813165	1.02432	1.02432	1.86E-05	0.412807	-2.42244
cg07244523	XKR4;SBF1P1	0.00278011	0.972101	0.992586	-1.00747	0.73837	1.07394	1.07394	0.00673238	0.473472	-2.11206	0.0208599	1.8071	1.8071	0.000362888	0.296335	-3.37456
cg18473381	XKR4;SBF1P1	0.0190301	0.460684	0.84503	-1.18339	0.774468	1.06653	1.06653	0.0110849	2.04229	2.04229	0.234146	1.32262	1.32262	0.101698	0.669189	-1.49435
cg02969380	XKR5	0.00142498	0.00308007	0.430855	-2.32097	0.12869	0.710873	-1.40672	0.000167516	0.264046	-3.78721	0.0899409	0.678105	-1.4747	0.0018257	0.39829	-2.51073
cg00960260	XKR5	0.00354872	0.00377067	0.295036	-3.38942	0.00171953	0.247349	-4.04287	0.26754	0.697221	-1.43427	0.108424	0.578793	-1.72773	0.0130377	0.382209	-2.61637
cg21493703	XKR5	0.00441667	0.442612	0.840997	-1.18907	0.0324108	0.574641	-1.74022	0.757055	0.933664	-1.07105	0.19926	1.34988	1.34988	0.00712689	2.15717	2.15717
cg26923072	XKR5	0.00471839	0.110758	0.604749	-1.65358	0.0022291	0.289474	-3.45454	0.447729	0.799352	-1.25101	0.0290665	0.474937	-2.10554	0.000424332	0.198749	-5.03148
cg07297068	XKR5	0.00660348	0.0199179	0.499966	-2.00014	0.714216	0.91326	-1.09498	0.00827444	0.434747	-2.30019	0.547069	1.16222	1.16222	0.00763553	0.429079	-2.33057
cg25722644	XKR5	0.00670968	0.323977	0.822326	-1.21606	0.0130174	1.80706	1.80706	0.240475	0.78978	-1.26618	0.676634	0.922613	-1.08388	0.00647109	0.5067	-1.97355
cg17763188	XKR5	0.00794449	0.932155	1.00951	1.00951	0.438659	1.09177	1.09177	0.406641	1.09895	1.09895	0.722376	1.04045	1.04045	0.091942	0.813664	-1.22901
cg13971571	XKR5	0.00821063	0.737059	0.973412	-1.02731	0.0942011	1.15852	1.15852	?	?	?	0.242079	0.906727	-1.10287	0.00206197	1.41492	1.41492
cg05234760	XKR5	0.0166054	0.44546	1.08717	1.08717	0.663785	1.04812	1.04812	0.908305	0.987695	-1.01246	0.312047	0.893703	-1.11894	0.888728	1.01516	1.01516
cg16593921	XKR5	0.0240969	0.0948843	0.754276	-1.32577	0.325873	0.855685	-1.16865	0.109662	0.764948	-1.30728	0.360713	0.865572	-1.1553	0.109023	0.764513	-1.30802
cg16580759	XKR5	0.0372155	0.095559	0.617441	-1.61959	0.0144395	0.452094	-2.21193	0.0476356	0.550733	-1.81576	0.115162	0.636939	-1.57001	0.00629879	0.39179	-2.55239
cg26470958	XKR5	0.0448417	0.284777	1.60627	1.60627	0.0233566	3.17628	3.17628	0.0867269	0.446212	-2.24109	0.210345	1.75595	1.75595	0.810587	0.902658	-1.10784
cg27319216	XKR5	0.0458648	0.0242471	0.086435	-11.5694	0.0139186	0.0627066	-15.9473	0.0864712	0.177962	-5.61919	0.194073	0.285832	-3.49856	0.0403706	0.115514	-8.65696
cg12482557	XKR5;XKR5	0.0194884	0.26435	1.15177	1.15177	0.516533	0.923223	-1.08316	0.92887	1.0109	1.0109	0.133013	1.21757	1.21757	0.607568	0.939025	-1.06493
cg09758742	XKR6	1.84E-05	0.52316	1.03402	1.03402	0.0188017	0.863165	-1.15853	0.101521	1.09711	1.09711	0.00104489	0.778153	-1.28509	0.00329307	0.813023	-1.22998
cg27025752	XKR6	0.000329967	0.295664	0.920415	-1.08647	0.343689	1.07745	1.07745	0.0686537	0.855689	-1.16865	0.420052	1.06503	1.06503	0.72409	1.02747	1.02747
cg16497219	XKR6	0.000395989	0.128966	0.702718	-1.42305	0.00688942	0.471309	-2.12175	0.00013018	0.239557	-4.17438	0.0668303	0.642849	-1.55557	1.30E-05	0.139854	-7.1503
cg14919250	XKR6	0.000924567	0.80282	0.951129	-1.05138	0.000191105	3.5211	3.5211	0.547309	1.12971	1.12971	0.027579	1.68501	1.68501	0.086443	0.684339	-1.46126
cg09559047	XKR6	0.00121226	?	?	?	?	?	?	0.0023159	0.267787	-3.73432	0.888577	1.04194	1.04194	0.000274639	0.149915	-6.67043
cg04800320	XKR6	0.00142001	0.0882543	0.815468	-1.22629	0.0203864	0.738488	-1.35412	0.0413025	1.2908	1.2908	0.509889	0.930068	-1.07519	0.00938293	0.699619	-1.42935
cg21725652	XKR6	0.00189271	0.0137289	0.433604	-2.30625	0.0317113	0.501273	-1.99492	0.00169848	0.292453	-3.41935	0.995152	0.998335	-1.00167	0.000621	0.235935	-4.23845
cg26552638	XKR6	0.00204572	0.0137254	0.607793	-1.6453	0.846761	0.968879	-1.03212	0.49189	1.12083	1.12083	0.000689608	0.428866	-2.33173	0.000458417	0.40594	-2.46342
cg06819296	XKR6	0.00208271	0.00789661	0.643367	-1.55432	0.0344479	1.37611	1.37611	0.0134642	0.673007	-1.48587	0.00512839	0.619675	-1.61375	0.14834	0.818173	-1.22224
cg04841358	XKR6	0.00260176	0.00027392	0.156585	-6.38631	0.00610784	3.04412	3.04412	0.203674	0.658814	-1.51788	0.0281585	0.446487	-2.2397	0.0100123	0.363738	-2.74923
cg25398727	XKR6	0.00303354	0.98265	1.00396	1.00396	0.00457237	1.98467	1.98467	0.010363	0.556459	-1.79708	0.288809	1.22127	1.22127	0.0398304	0.649611	-1.53938
cg21300361	XKR6	0.00456329	0.00858711	0.428919	-2.33144	0.544082	0.856367	-1.16772	0.00439323	0.382723	-2.61285	0.0316168	0.529208	-1.88962	0.148631	0.676239	-1.47877
cg14637067	XKR6	0.00619565	0.17019	0.847901	-1.17938	0.0829236	1.24217	1.24217	0.376947	0.902669	-1.10783	0.000518874	0.542559	-1.84312	0.260075	1.14189	1.14189
cg21789131	XKR6	0.00715954	0.073293	0.523221	-1.91124	0.784473	0.914924	-1.09299	0.0719499	0.521267	-1.9184	0.548811	0.821391	-1.21745	0.000116929	0.11206	-8.92377
cg16513326	XKR6	0.00778903	0.0136205	0.366471	-2.72873	0.00934471	0.338159	-2.95719	0.00646602	0.312067	-3.20444	0.107421	0.561069	-1.78231	0.00327606	0.267625	-3.73657
cg12267497	XKR6	0.00880377	0.71676	0.961932	-1.03957	0.0159478	1.36938	1.36938	0.346244	1.10885	1.10885	0.311457	0.894449	-1.11801	0.263487	1.13221	1.13221
cg01273802	XKR6	0.0126319	0.167544	1.36548	1.36548	0.91845	1.02192	1.02192	0.144413	0.717497	-1.39373	0.827165	0.954753	-1.04739	0.0784546	1.51271	1.51271
cg01536222	XKR6	0.0135672	0.112979	0.697586	-1.43351	0.0026161	2.387	2.387	0.423536	1.18606	1.18606	0.185554	1.34052	1.34052	0.862159	1.03695	1.03695
cg06367527	XKR6	0.0149904	0.3826	0.893159	-1.11962	0.62691	0.940058	-1.06376	0.371272	0.89061	-1.12283	0.376072	1.12146	1.12146	0.225039	0.851461	-1.17445
cg23565027	XKR6	0.0203704	0.0311303	0.573443	-1.74385	0.011205	0.497266	-2.011	0.0450486	0.603168	-1.65791	0.054443	1.6156	1.6156	0.0122128	0.503399	-1.9865
cg16232071	XKR6	0.0204083	0.463597	1.38994	1.38994	0.00463004	5.27357	5.27357	0.0733592	2.41388	2.41388	0.0231366	3.31522	3.31522	0.302178	0.623903	-1.60281
cg04879378	XKR6	0.0222346	0.802076	0.94772	-1.05516	0.4869	1.16302	1.16302	0.0617802	1.56791	1.56791	0.17706	0.735838	-1.35899	0.462264	0.852155	-1.1735
cg20940153	XKR6	0.0236221	0.0265828	0.771852	-1.29558	0.518272	1.06665	1.06665	0.0711012	1.21974	1.21974	0.66662	0.958198	-1.04363	0.012532	1.35796	1.35796
cg01558037	XKR6	0.0249859	0.885707	1.0355	1.0355	0.290812	1.3046	1.3046	0.00071818	0.286866	-3.48595	0.6482	1.11787	1.11787	0.137601	1.4738	1.4738
cg20858107	XKR6	0.025102	0.0694247	0.447672	-2.23378	0.216088	0.597417	-1.67387	0.328343	1.49069	1.49069	0.407266	1.39857	1.39857	0.0264385	0.352946	-2.83329
cg01613189	XKR6	0.0251156	0.0687711	0.5615	-1.78095	0.75321	1.09348	1.09348	0.0325398	0.492159	-2.03186	0.270338	0.722382	-1.38431	0.201674	0.68248	-1.46524
cg23007325	XKR6	0.0273626	0.869247	0.911559	-1.09702	0.0014035	13.465	13.465	0.363667	1.68996	1.68996	0.794039	0.863246	-1.15842	0.726042	1.21863	1.21863
cg09052083	XKR6	0.0279838	0.656005	1.05516	1.05516	0.0408455	0.753742	-1.32671	0.481592	0.917903	-1.08944	0.360206	0.893461	-1.11924	0.196347	0.849074	-1.17775
cg09697033	XKR6	0.0342489	0.16544	2.103	2.103	0.000603104	14.269	14.269	0.241503	1.85159	1.85159	0.755934	1.16961	1.16961	0.175072	2.06409	2.06409
cg24631970	XKR6	0.0425372	0.00758808	0.57614	-1.73569	0.420071	0.876094	-1.14143	0.00953537	0.590243	-1.69422	0.387247	0.867351	-1.15294	0.555006	0.908578	-1.10062

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11566561	0.652319	0.923251	-1.08313	0.00626019	1.87242	1.87242	0.0957381	1.38013	1.38013	0.649942	0.922704	-1.08377	7.24169	3.55558	0.436434	1
cg20682073	0.28934	0.840112	-1.19032	0.00171068	2.03255	2.03255	0.02661	1.51627	1.51627	0.84263	0.969003	-1.03199	6.53914	2.59874	0.353257	1
cg00648919	0.0296668	3.58762	3.58762	0.00109541	11.0589	11.0589	0.00341186	7.28538	7.28538	0.0344164	3.4256	3.4256	6.24637	24.6397	3.50635	1
cg06253058	0.0156661	10.2945	10.2945	0.00213783	29.8158	29.8158	0.00527568	18.0803	18.0803	0.0230488	8.49218	8.49218	6.11625	60.0051	8.72067	1
cg11923296	0.117225	1.82467	1.82467	0.0132068	2.96149	2.96149	0.0785881	1.99465	1.99465	0.873715	1.05783	1.05783	5.79022	11.4549	1.75851	1
cg18154786	0.772854	0.931074	-1.07403	0.0447583	1.76561	1.76561	0.886063	0.965239	-1.03601	0.11036	0.650926	-1.53627	5.50205	5.30611	0.857233	1
cg02841523	0.0348923	15.2986	15.2986	0.00353439	80.4257	80.4257	0.00799893	43.4238	43.4238	0.0359396	14.9893	14.9893	4.97352	96.9594	17.329	1
cg07784293	0.0283448	0.152977	-6.53694	0.0391381	0.176997	-5.64982	0.00789683	0.084442	-11.8424	0.0158289	0.11717	-8.53458	4.67491	38.9585	7.40757	1
cg02013148	0.0511021	0.575288	-1.73826	0.00580646	0.406892	-2.45765	0.165384	0.691952	-1.44519	0.0041773	0.384727	-2.59924	4.60083	4.51333	0.871983	1
cg12507125	0.0290001	18.1826	18.1826	0.00386518	80.2938	80.2938	0.0158968	27.8749	27.8749	0.0183839	25.1175	25.1175	4.34785	87.438	17.8761	1
cg23017915	0.106078	1.88517	1.88517	0.00482685	3.83039	3.83039	0.0692782	2.07513	2.07513	0.290485	1.48298	1.48298	4.32678	8.8419	1.81647	1
cg06694299	0.151326	0.412152	-2.42629	0.0104719	0.156064	-6.40765	0.0140416	0.174087	-5.74425	0.00931366	0.149322	-6.69694	4.03861	21.2571	4.67864	1
cg21399685	0.0378328	16.426	16.426	0.00649852	61.007	61.007	0.0669605	10.8762	10.8762	0.0165157	30.0779	30.0779	3.7044	79.2436	19.0149	1
cg10726475	0.0492423	20.2029	20.2029	0.0150642	54.6388	54.6388	0.0163387	50.9746	50.9746	0.0540961	18.6837	18.6837	3.54788	100.771	25.2472	1
cg26370066	0.271414	0.766676	-1.30433	0.234471	1.33536	1.33536	0.411399	1.2152	1.2152	0.613163	1.12559	1.12559	12.2532	10.4503	0.7581	1
cg02383368	0.0204327	0.629268	-1.58915	0.0322635	1.51545	1.51545	0.000317146	2.62997	2.62997	0.918777	1.01706	1.01706	8.78879	3.8261	0.386968	1
cg17135027	0.00306079	0.511907	-1.95348	0.000326415	0.383352	-2.60857	0.385601	1.15819	1.15819	0.01222	0.597237	-1.67438	7.67317	3.31263	0.383748	1
cg21643649	0.170415	0.777364	-1.2864	0.000581189	0.399415	-2.50366	0.222163	0.801456	-1.24773	0.056603	0.68917	-1.45102	6.94181	3.2716	0.418924	1
cg19005373	0.000429849	0.216063	-4.62828	0.809557	1.06865	1.06865	0.887482	0.961814	-1.0397	0.959238	0.986042	-1.01416	6.46583	7.74474	1.06471	1
cg08131270	0.711764	0.934861	-1.06968	0.411105	1.16479	1.16479	0.863032	1.03184	1.03184	0.7305	1.06477	1.06477	5.91353	3.0851	0.463735	1
cg17735716	0.55559	1.12371	1.12371	0.942562	1.0142	1.0142	0.00297827	0.450561	-2.21945	0.958738	0.989929	-1.01017	4.29875	2.60588	0.538841	1
cg26146781	0.198357	1.4828	1.4828	5.21E-05	0.111629	-8.95824	0.267912	0.715747	-1.39714	0.177475	0.660119	-1.51488	9.38296	12.4796	1.18224	1
cg03613353	0.0830653	0.369833	-2.70392	0.00291131	0.119944	-8.33724	0.0158273	0.216057	-4.62841	0.0442172	0.301763	-3.31386	8.88039	37.7902	3.78263	1
cg14321269	0.708297	1.12925	1.12925	0.726632	1.12021	1.12021	0.388924	0.751592	-1.33051	0.130989	0.590151	-1.69448	3.6421	6.03333	1.47249	1
cg27146152	0.461996	1.18593	1.18593	0.588494	0.883032	-1.13246	0.0014642	2.84686	2.84686	0.898955	1.02935	1.02935	10.6371	8.7371	0.730118	1
cg26502852	0.443497	0.739718	-1.35187	0.0279934	0.367225	-2.72312	0.0691019	2.1921	2.1921	0.24852	0.627833	-1.59278	10.173	23.9918	2.09634	1
cg06085204	0.631001	1.16266	1.16266	0.0684015	1.88772	1.88772	0.0453914	2.04364	2.04364	0.921248	0.969675	-1.03127	9.79837	15.0498	1.36529	1
cg05513208	0.615758	0.809843	-1.23481	0.0415771	0.375555	-2.66272	0.398897	1.43331	1.43331	0.486823	0.744914	-1.34244	6.05773	16.6681	2.44581	1
cg20803910	0.978558	1.00811	1.00811	0.870588	0.952199	-1.0502	0.0261033	2.21013	2.21013	0.931415	1.0262	1.0262	3.62943	5.18792	1.27058	1
cg24802193	0.0416569	0.236782	-4.22329	0.00607329	0.111047	-9.00522	0.0121157	0.146823	-6.81092	0.0238218	0.191177	-5.23075	4.7455	28.2825	5.29765	1
cg19538335	0.0399248	0.310316	-3.22253	0.00245071	0.125344	-7.97803	0.000656587	0.0763483	-13.0979	0.0331558	0.293135	-3.4114	7.40554	28.4765	3.41803	1
cg08782688	0.0121887	0.752383	-1.32911	0.0223315	1.28321	1.28321	1.52E-07	0.224791	-4.44857	0.700083	1.03588	1.03588	88.7036	11.655	0.116793	1
cg08366073	0.825787	1.05631	1.05631	0.204032	1.39529	1.39529	6.89E-05	0.164041	-6.09603	0.00753956	0.42555	-2.3499	15.0712	14.7398	0.869342	1
cg05407106	0.0702259	1.95162	1.95162	0.00212377	0.240087	-4.16516	0.0034842	0.269871	-3.70548	0.814794	1.08061	1.08061	5.66536	9.79425	1.53671	1
cg17919471	0.413602	1.37466	1.37466	0.00145416	0.173602	-5.7603	0.0118884	0.302601	-3.30468	0.471039	0.756427	-1.322	5.58616	12.8234	2.0405	1
cg12521910	0.106541	0.532998	-1.87618	0.414211	1.3472	1.3472	0.362849	0.716106	-1.39644	0.25392	0.653512	-1.53019	4.26509	8.61184	1.7948	1
cg13440244	0.760991	0.827404	-1.2086	0.959679	0.969091	-1.03189	0.324983	0.531955	-1.87986	0.252096	0.475696	-2.10218	3.5073	21.4227	5.42935	1
cg03553781	0.00949395	1.55261	1.55261	2.59E-06	0.218966	-4.56692	0.29896	1.15503	1.15503	0.448605	1.10892	1.10892	23.8091	6.75857	0.252325	1
cg09054088	0.0336406	0.73669	-1.35742	0.00673983	1.54129	1.54129	0.00091908	0.543412	-1.84022	0.827263	0.973445	-1.02728	30.2516	7.26665	0.213518	1
cg25831281	0.00139052	0.250481	-3.99231	0.280314	1.39841	1.39841	0.000525624	0.198997	-5.0252	0.968678	1.0118	1.0118	15.6128	22.0774	1.25694	1
cg22562335	0.990612	1.00138	1.00138	0.332825	0.889149	-1.12467	0.00121844	0.573095	-1.74491	0.0705108	0.788421	-1.26836	14.6235	3.20341	0.19472	1
cg16916745	0.0375896	0.457829	-2.18422	0.985978	1.00571	1.00571	0.00037516	0.158514	-6.30857	0.228238	0.663926	-1.50619	14.5522	24.1744	1.47664	1
cg03369029	0.0298402	0.404461	-2.47243	0.0486013	0.450345	-2.22052	0.00020726	0.110847	-9.02148	0.0307904	0.407273	-2.45535	8.02128	15.9317	1.7655	1
cg25993152	0.571432	1.35437	1.35437	0.212599	2.00629	2.00629	0.0188109	0.221012	-4.52465	0.0465741	0.298552	-3.3495	5.46835	24.3628	3.96022	1
cg07975691	0.656914	1.26559	1.26559	0.53408	1.39347	1.39347	0.976242	0.984432	-1.01581	0.538582	0.720318	-1.38828	4.87175	21.42	3.90825	1
cg14013300	0.142361	1.17233	1.17233	0.279433	0.892826	-1.12004	0.00205193	0.645393	-1.54944	0.841107	1.02044	1.02044	9.13606	1.47063	0.143084	1
cg18940763	0.112907	0.477976	-2.09215	0.000206126	0.0699868	-14.2884	0.614043	1.24303	1.24303	0.00837858	0.236687	-4.22498	7.79736	22.6028	2.57668	1
cg02145211	0.369777	1.10487	1.10487	0.0799111	0.81026	-1.23417	0.0745642	0.806473	-1.23997	0.787725	1.02965	1.02965	6.76868	1.25677	0.165044	1
cg00742649	0.298018	0.55619	-1.79795	0.214152	0.491041	-2.03649	0.558859	1.37913	1.37913	0.542778	1.39796	1.39796	4.81321	22.5427	4.16312	1
cg00651286	0.0162596	0.385793	-2.59206	?	?	?	0.102634	0.560557	-1.78394	0.6358	0.856744	-1.16721	4.12911	6.10612	1.4788	1
cg17186328	0.336615	1.17384	1.17384	0.0245567	0.648388	-1.54229	0.399936	0.869879	-1.14959	0.233718	0.817113	-1.22382	5.61973	2.32951	0.368464	1
cg00154920	0.188023	0.736223	-1.35829	0.0298616	0.570636	-1.75243	0.127084	0.696137	-1.4365	0.000304783	0.275847	-3.62519	8.14317	6.2145	0.67836	1
cg00923458	0.0135037	1.5067	1.5067	0.683736	1.05645	1.05645	0.492454	0.910772	-1.09797	0.349256	0.878811	-1.1379	7.10993	2.02398	0.25304	1
cg12286890	0.0148944	0.238549	-4.19201	0.628881	0.792104	-1.26246	0.408446	1.49874	1.49874	0.059001	0.360443	-2.77436	4.24123	15.384	3.22423	1
cg21195162	0.489162	1.23539	1.23539	0.045306	1.99542	1.99542	0.944573	1.02114	1.02114	0.303298	0.725579	-1.37821	3.51681	5.04162	1.27429	1
cg04860142	0.988391	1.00294	1.00294	0.0567472	1.54472	1.54472	0.135136	0.722685	-1.38373	0.000243156	0.294225	-3.39876	32.4768	20.9148	0.572436	1
cg22584157	0.0190948	0.637744	-1.56803	0.0107396	0.601497	-1.66252	0.0153381	0.62381	-1.60305	0.00673447	0.572849	-1.74566	16.7486	6.67011	0.354	1
cg01442426	0.00471844	0.107161	-9.33173	0.0324524	0.225486	-4.43487	0.829748	0.879762	-1.13667	0.0047392	0.107353	-9.31503	5.7059	31.9822	4.98233	1
cg10360403	0.361541	0.887397	-1.12689	0.0109392	1.50198	1.50198	0.329178	0.879617	-1.13686	0.883219	0.981453	-1.0189	4.25389	1.093	0.228392	1
cg19967421	0.74254	0.914404	-1.09361	0.173772	1.48117	1.48117	0.0915314	0.603873	-1.65598	0.0106728	0.418404	-2.39003	3.7564	4.38404	1.03741	1
cg13431152	0.0520282	1.4036	1.4036	0.0796745	1.34762	1.34762	0.952279	0.990862	-1.00922	0.830953	1.03333	1.03333	3.42024	1.27442	0.33121	1
cg25124300	0.0551722	0.489322	-2.04365	0.000205054	0.129338	-7.73166	0.0112473	0.352017	-2.84077	0.000697572	0.182622	-5.4758	12.5338	21.4573	1.52173	1
cg26767897	0.167976	1.31023	1.31023	0.185561	1.29451	1.29451	0.266145	0.808107	-1.23746	0.000304229	0.33988	-2.94222	8.31743	4.45422	0.476025	1
cg13847701	0.00284658	0.340206	-2.9394	0.000697744	0.257282	-3.88679	0.250953	0.72987	-1.37011	0.00372771	0.357611	-2.79634	7.70575	8.41012	0.97014	1
cg25296477	0.153542	0.502374	-1.99055	0.0104135	0.233817	-4.27685	0.2018	0.544867	-1.83531	0.0746702	0.408805	-2.44616	4.06651	13.0713	2.85723	1
cg26484667	0.0284354	0.421773	-2.37094	0.547088	0.815956	-1.22556	0.239074	0.662618	-1.50916	0.0197245	0.390621	-2.56003	3.4323	6.05687	1.56859	1
cg01003813	0.394033	0.613855	-1.62905	0.25187	1.95246	1.95246	0.627393	0.760775	-1.31445	0.0912513	0.353568	-2.82831	3.42583	16.9525	4.3986	1
cg02877744	0.00322103	0.440231	-2.27153	0.116618	1.41622	1.41622	0.982182	0.995452	-1.00457	0.0388211	0.613682	-1.62951	14.7713	9.74628	0.586498	1
cg12413566	0.0174873	0.536928	-1.86245	4.23E-05	0.187446	-5.33487	0.651131	0.906763	-1.10282	0.107114	0.685111	-1.45962	20.3696	14.9136	0.650799	1
cg25574691	0.0158238	0.387058	-2.58359	0.022051	0.414097	-2.4149	0.150126	0.609356	-1.64108	0.0442012	0.476043	-2.10065	5.54502	9.05457	1.45148	1
cg14769021	0.116995	0.595056	-1.68052	0.0148981	2.49145	2.49145	0.116799	1.68106	1.68106	0.0835266	0.557709	-1.79305	4.46219	6.56724	1.30822	1
cg17325595	0.160187	1.17984	1.17984	2.34E-06	0.281607	-3.55105	0.215729	1.15443	1.15443	0.713252	1.04152	1.04152	19.6461	3.77982	0.171018	1
cg02084485	0.0700774	0.670991	-1.49033	0.627555	1.10112	1.10112	0.884241	1.02912	1.02912	0.00354868	0.459073	-2.1783	16.9033	10.3916	0.546463	1
cg16582792	0.15314	0.551071	-1.81465	0.0291287	0.367311	-2.72249	0.658468	0.840901	-1.1892	0.370823	0.699103	-1.4304	4.62395	11.1117	2.13606	1
cg17279685	8.83E-05	0.109316	-9.14778	0.823958	1.07274	1.07274	0.041414	0.476535	-2.09848	0.0942406	0.560032	-1.78561	8.34534	13.1259	1.39808	1
cg04629827	0.782841	0.871751	-1.14712	0.116089	0.428104	-2.33588	0.705066	1.20792	1.20792	0.0472413	0.32374	-3.0889	4.21847	16.4876	3.47416	1
cg07489003	0.29503	0.53718	-1.86158	0.551838	0.708606	-1.41122	0.00484445	0.117896	-8.48208	0.0796714	0.328566	-3.04353	3.61545	18.7495	4.60972	1
cg07193389	0.0492505	0.663452	-1.50727	0.0427955	1.5315	1.5315	0.0189343	0.594797	-1.68125	0.992481	0.998279	-1.00172	5.58135	2.95403	0.470461	1
cg12733040	0.74491	0.88131	-1.13467	0.652015	1.19206	1.19206	0.00143792	0.168097	-5.94895	0.180544	0.576784	-1.73375	4.58198	10.8688	2.10852	1
cg06983174	0.00156275	0.628177	-1.59191	2.25E-05	0.419346	-2.38466	4.69E-06	2.92431	2.92431	0.0104488	0.719108	-1.39061	40.8087	6.76294	0.147309	1
cg08417620	0.828568	1.03487	1.03487	0.00166839	0.491272	-2.03553	0.0480009	1.42949	1.42949	0.0266421	0.660163	-1.51478	15.8838	6.28614	0.351784	1
cg09524907	0.694298	0.973251	-1.02748	0.0200485	0.824819	-1.21239	0.000201372	0.651716	-1.53441	0.174241	1.1043	1.1043	13.3898	0.999128	0.0663277	1
cg16312101	0.000553082	0.498282	-2.0069	4.13E-05	0.362272	-2.76036	0.810166	0.969215	-1.03176	0.195835	0.837159	-1.19452	12.0672	3.22673	0.237686	1
cg05414135	0.39088	1.24498	1.24498	0.0506059	0.573961	-1.74228	0.0136953	2.13786	2.13786	0.013414	0.466206	-2.14497	8.7872	8.64499	0.874503	1
cg19396360	0.68789	1.0326	1.0326	0.000301887	1.59486	1.59486	0.0612969	0.845764	-1.18236	0.0636897	0.847366	-1.18013	7.99568	0.799285	0.0888574	1
cg01525428	0.0240157	0.669656	-1.4933	0.000936361	2.08646	2.08646	0.315448	1.1672	1.1672	0.0159921	1.55163	1.55163	7.49473	2.63353	0.312342	1
cg23148546	0.0106083	2.64991	2.64991	0.0110833	2.62712	2.62712	0.0121628	2.5796	2.5796	0.424475	1.28062	1.28062	6.51579	9.48953	1.29457	1
cg09388605	0.184598	0.886436	-1.12811	0.332162	0.917867	-1.08948	0.873458	0.986439	-1.01375	0.13779	1.14671	1.14671	5.51959	0.641488	0.103307	1
cg01542899	0.189821	1.49944	1.49944	0.00611484	0.352121	-2.83993	0.178033	1.51813	1.51813	0.686886	0.888514	-1.12547	5.24645	7.07058	1.19795	1
cg24174665	0.000814423	2.60633	2.60633	0.64509	0.915746	-1.09201	0.778805	0.947965	-1.05489	0.429837	0.858186	-1.16525	4.30609	2.45616	0.507016	1
cg06868946	0.0842501	0.605066	-1.65271	0.0258013	0.498439	-2.00626	0.0376915	0.53043	-1.88526	0.451952	0.817448	-1.22332	3.58813	3.93172	0.974006	1
cg26898869	0.798001	1.02367	1.02367	4.93E-06	0.386522	-2.58718	0.5209	1.06116	1.06116	1.20E-05	0.430138	-2.32484	35.6779	4.70286	0.117168	1
cg03193096	2.60E-05	0.228614	-4.37419	0.0451644	1.50252	1.50252	0.442933	0.870588	-1.14865	0.0326013	0.642074	-1.55745	15.1487	7.52972	0.441826	1
cg17687285	0.49466	0.932029	-1.07293	0.00163077	1.58111	1.58111	0.695654	1.04071	1.04071	0.120564	0.842899	-1.18638	14.4729	2.36174	0.145053	1
cg07244523	0.695012	1.08746	1.08746	0.00445872	0.446129	-2.2415	0.0367957	0.596822	-1.67554	0.516695	1.15016	1.15016	8.75341	6.27733	0.637448	1
cg18473381	0.00296539	0.400797	-2.49503	0.420858	1.20245	1.20245	0.103038	1.49158	1.49158	0.552366	0.873916	-1.14427	4.7845	3.80865	0.707591	1
cg02969380	0.925486	1.01963	1.01963	0.000430828	0.314267	-3.18201	0.557393	0.883979	-1.13125	0.0239032	0.571146	-1.75087	10.6354	7.27552	0.608078	1
cg00960260	0.919522	1.03206	1.03206	0.00112929	0.223959	-4.46509	0.00106986	0.221057	-4.52372	0.179142	0.640441	-1.56142	8.14005	12.5697	1.37261	1
cg21493703	0.11623	1.45877	1.45877	0.0985009	0.669794	-1.493	0.00254602	0.396061	-2.52486	0.00323131	0.411209	-2.43186	7.62079	5.90556	0.688825	1
cg26923072	0.220149	0.688572	-1.45228	0.00114143	0.250433	-3.99308	0.320006	0.742733	-1.34638	0.338192	0.751447	-1.33077	7.4694	9.90998	1.17933	1
cg07297068	0.0219069	0.507429	-1.97072	0.0053234	0.404193	-2.47407	0.00103657	0.301636	-3.31525	0.137631	0.674057	-1.48355	6.73626	6.49307	0.856798	1
cg25722644	0.0982367	1.41662	1.41662	0.0107668	1.85019	1.85019	0.392187	1.18334	1.18334	0.0073172	0.514751	-1.94268	6.70294	3.91499	0.519173	1
cg17763188	0.0226523	0.738375	-1.35433	0.00105916	0.583842	-1.71279	0.00546059	1.50111	1.50111	0.726656	0.961743	-1.03978	6.35806	1.244	0.173917	1
cg13971571	0.0436956	1.20374	1.20374	0.124836	0.875578	-1.1421	0.652875	0.964441	-1.03687	0.00342639	1.37435	1.37435	6.42111	0.578124	0.0900349	1
cg05234760	0.960275	1.00537	1.00537	0.000302805	0.532009	-1.87967	0.77712	0.969963	-1.03097	0.132315	1.19069	1.19069	5.00863	0.916026	0.162568	1
cg16593921	0.729985	0.94816	-1.05467	0.000768609	0.457203	-2.18721	0.0152911	0.632846	-1.58016	0.0456578	0.703237	-1.422	4.41323	1.6499	0.332314	1
cg16580759	0.827115	1.05929	1.05929	0.0139726	0.449592	-2.22424	0.0938917	0.615642	-1.62432	0.4298	0.808773	-1.23644	3.78184	4.1537	0.97629	1
cg26470958	0.149405	1.93351	1.93351	0.0894647	2.22252	2.22252	0.0144476	3.61705	3.61705	0.0391493	2.76801	2.76801	3.53018	10.1716	2.56117	1
cg27319216	0.160183	0.25469	-3.92635	0.0185678	0.0741417	-13.4877	0.0188948	0.074893	-13.3524	0.0663026	0.152988	-6.53647	3.50045	46.0612	11.6966	1
cg12482557	0.181417	1.18805	1.18805	0.000843325	0.543504	-1.83991	0.0672368	1.28287	1.28287	0.944767	0.99162	-1.00845	4.74611	1.10882	0.207669	1
cg09758742	?	?	?	6.75E-07	0.497082	-2.01174	0.00235622	1.24526	1.24526	0.0711427	1.10983	1.10983	35.5036	1.33576	0.0376232	1
cg27025752	0.00430418	0.74682	-1.33901	7.24E-06	0.469	-2.13219	0.0114735	1.27362	1.27362	0.353304	0.929568	-1.07577	16.0265	1.48437	0.0823286	1
cg16497219	0.190806	0.742391	-1.347	0.313619	1.2512	1.2512	0.170246	0.730458	-1.369	0.15843	0.723101	-1.38293	15.2425	11.1629	0.650982	1
cg14919250	0.00473749	2.11975	2.11975	0.462903	0.861015	-1.16142	0.000143197	3.71602	3.71602	0.77	1.06047	1.06047	12.0308	7.64194	0.564621	1
cg09559047	?	?	?	0.0113197	2.62128	2.62128	0.316621	0.737174	-1.35653	0.179582	1.52442	1.52442	14.5975	12.9567	1.03553	1
cg04800320	0.0492371	1.27562	1.27562	9.77E-05	2.11895	2.11895	0.76477	1.03308	1.03308	0.677196	0.955613	-1.04645	10.646	1.98313	0.165581	1
cg21725652	0.996882	1.00107	1.00107	0.000278436	0.195764	-5.10819	0.0399081	0.521336	-1.91815	0.011474	0.420055	-2.38064	9.79786	11.6711	1.05884	1
cg26552638	0.0446524	1.45747	1.45747	0.0107449	0.592281	-1.68839	0.494347	1.12008	1.12008	0.184244	0.79441	-1.2588	9.57858	4.05075	0.375908	1
cg06819296	0.0424135	1.35326	1.35326	0.71903	0.954316	-1.04787	0.00574607	1.59771	1.59771	0.00511835	0.619568	-1.61403	9.52863	2.52826	0.235852	1
cg04841358	0.750109	0.905389	-1.1045	0.0931645	0.562994	-1.77622	0.0588215	0.514884	-1.94219	0.0200928	0.417987	-2.39242	8.92651	13.678	1.36204	1
cg25398727	0.00198329	2.2101	2.2101	0.659452	0.92265	-1.08383	0.898511	0.977102	-1.02343	0.00472063	0.50587	-1.97679	8.52993	4.4521	0.463945	1
cg21300361	0.0922557	0.626278	-1.59673	0.0221157	0.500118	-1.99953	0.0487456	1.76543	1.76543	0.000635201	0.265761	-3.76278	7.54567	7.62086	0.897747	1
cg14637067	0.902976	1.01387	1.01387	0.00262642	0.624758	-1.60062	0.476173	1.08527	1.08527	0.641821	1.05433	1.05433	6.87069	1.38811	0.179585	1
cg21789131	0.041978	0.467611	-2.13853	0.475638	1.26524	1.26524	0.335786	0.724766	-1.37976	0.886105	1.04758	1.04758	6.56876	10.9434	1.48087	1
cg16513326	0.0222807	0.406184	-2.46194	0.00126243	0.212677	-4.70197	0.10521	0.558644	-1.79005	0.0600351	0.497702	-2.00924	6.39768	10.9612	1.52294	1
cg12267497	0.0616576	1.25134	1.25134	0.000274581	1.88658	1.88658	0.338134	0.900159	-1.11091	0.932977	0.99108	-1.009	6.15525	1.1062	0.159748	1
cg01273802	0.00622414	2.12793	2.12793	0.00212418	0.40076	-2.49526	0.276817	1.27062	1.27062	0.305781	1.25174	1.25174	5.48127	3.89241	0.631226	1
cg01536222	0.584696	0.891173	-1.12212	0.467013	0.856835	-1.16709	0.00285237	0.424375	-2.3564	0.861802	1.03704	1.03704	5.3548	3.69602	0.613535	1
cg06367527	0.127788	1.23094	1.23094	0.000658274	1.93197	1.93197	0.0465114	0.749979	-1.33337	0.757104	0.961607	-1.03993	5.18179	1.30685	0.224179	1
cg23565027	0.29396	0.787182	-1.27035	0.146665	0.71003	-1.40839	0.203548	1.34315	1.34315	0.702851	0.919197	-1.08791	4.67529	3.57818	0.680301	1
cg16232071	0.0150397	3.73973	3.73973	0.014711	3.76314	3.76314	0.392746	1.47171	1.47171	0.0267223	3.18555	3.18555	4.67234	14.415	2.74238	1
cg04879378	0.177598	0.736153	-1.35841	0.000933055	0.347766	-2.8755	0.696142	1.08753	1.08753	0.257944	1.28708	1.28708	4.53739	3.28464	0.643472	1
cg20940153	0.0643881	0.814871	-1.22719	0.159831	0.862451	-1.15949	0.190676	0.872384	-1.14628	0.0704589	1.22042	1.22042	4.44373	0.683173	0.136657	1
cg01558037	0.380936	1.24356	1.24356	0.16284	0.696739	-1.43526	0.862168	0.958726	-1.04305	0.966291	0.989802	-1.0103	4.35809	4.06076	0.828245	1
cg20858107	0.170705	0.561424	-1.78119	0.0114914	0.286179	-3.49431	0.00347733	0.208184	-4.80344	0.228508	0.606454	-1.64893	4.35107	10.7907	2.20445	1
cg01613189	0.309286	0.742202	-1.34734	0.00124652	0.262818	-3.80492	0.0096899	0.395614	-2.52771	0.319247	0.74703	-1.33863	4.35025	5.53141	1.13024	1
cg23007325	0.614629	1.33021	1.33021	0.0167726	0.193858	-5.15842	0.179305	2.22945	2.22945	0.703942	1.23935	1.23935	4.22185	21.1233	4.44741	1
cg09052083	0.11565	0.8148	-1.22729	0.313778	1.13288	1.13288	0.00865748	1.49301	1.49301	0.0214221	1.39237	1.39237	4.18864	0.951417	0.201904	1
cg09697033	0.176318	2.05925	2.05925	0.0650133	2.83231	2.83231	0.631545	1.27479	1.27479	0.822281	1.11968	1.11968	3.89757	15.5859	3.55456	1
cg24631970	0.0308742	0.665616	-1.50237	0.0165304	0.624873	-1.60032	0.774872	0.954997	-1.04712	0.977061	1.00463	1.00463	3.6003	1.4703	0.363005	1

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cg06811478	XKR6	0.0428268	0.0418253	0.375745	-2.66138	0.00634534	0.227041	-4.40449	0.149962	0.525192	-1.90406	0.372849	0.682679	-1.46482	0.54824	0.77608	-1.28853	0.0519044	0.397363	-2.51659	0.00618096	0.225376	-4.43703	0.734443	1.15265	1.15265	0.555583	0.779772	-1.28243	3.59124	9.90235	2.45099	1
cg21966656	XKR6	0.0430212	0.312932	1.48993	1.48993	0.78603	1.10954	1.10954	0.00289173	0.209138	-4.78153	0.445222	0.74283	-1.3462	0.00859927	0.277986	-3.5973	0.443831	0.742128	-1.34748	0.584264	0.809705	-1.23502	0.938635	0.971015	-1.02985	0.209713	0.603489	-1.65703	3.5852	8.2864	2.05447	1
cg19044918	XKR6	0.0430766	0.907818	0.976767	-1.02379	0.00534913	2.10544	2.10544	0.163861	1.35189	1.35189	0.524386	0.877285	-1.13988	0.53634	0.880667	-1.1355	0.100336	1.441	1.441	0.014475	1.84313	1.84313	0.761026	0.939972	-1.06386	0.0642132	1.52507	1.52507	3.58348	2.33745	0.579809	1
cg02475374	XKR6	0.0456986	0.0142099	0.115562	-8.65336	0.0258547	0.151447	-6.60299	0.0868671	0.259504	-3.85351	0.177055	0.359305	-2.78315	0.0190975	0.132177	-7.56559	0.113462	0.29266	-3.41693	0.018127	0.129097	-7.7461	0.0642481	0.226876	-4.4077	0.0428185	0.189534	-5.2761	3.50523	28.254	7.16491	1
cg26237168	XKR6	0.0497023	0.231394	0.694296	-1.44031	0.0390394	0.499424	-2.00231	0.121282	0.613683	-1.62951	0.0439542	0.510233	-1.95989	0.496064	0.818007	-1.22248	0.706143	1.11638	1.11638	0.00245003	0.293746	-3.40431	0.53929	0.834728	-1.198	0.0869348	0.577262	-1.73232	3.39583	4.5435	1.1893	1
cg02310165	XKR6;MIR598	0.0277135	0.0885062	0.680122	-1.47032	0.239673	1.28732	1.28732	0.595127	0.895813	-1.1163	0.0754263	0.666299	-1.50083	0.399979	1.19332	1.19332	0.00698822	0.488877	-2.0455	0.0409063	1.62264	1.62264	0.0530611	0.637044	-1.56975	0.161506	0.735871	-1.35893	4.20297	2.80105	0.592396	1
cg23666831	XKR7	0.00030839	0.0376337	2.08535	2.08535	0.285346	1.40239	1.40239	0.0144372	0.399019	-2.50615	0.0178558	0.415843	-2.40475	5.14E-05	0.0992783	-10.0727	0.000209645	0.151108	-6.61777	0.000349523	0.173467	-5.76479	0.0437795	0.493472	-2.02646	0.171019	0.641324	-1.55927	16.3264	24.0153	1.30751	1
cg24154326	XKR7	0.00369683	0.924128	0.975654	-1.02495	0.758981	1.08288	1.08288	0.00628325	2.51205	2.51205	0.000959591	3.57016	3.57016	0.761345	0.924209	-1.08201	0.142626	0.665148	-1.50342	0.0508892	0.562438	-1.77797	0.00137753	3.32212	3.32212	0.907086	1.03067	1.03067	8.04087	8.52576	0.942492	1
cg27219221	XKR7	0.0260448	0.143629	0.4466	-2.23914	0.120205	0.421172	-2.37433	0.114411	0.414429	-2.41296	0.476789	1.44935	1.44935	0.00491309	0.147825	-6.76475	0.449064	1.48547	1.48547	0.00539539	0.152743	-6.54695	0.901743	0.938605	-1.06541	0.0349582	0.283468	-3.52773	4.29549	17.9033	3.70483	1
cg03373781	XKR7	0.0489877	0.831718	0.921964	-1.08464	0.0454672	0.416484	-2.40105	0.0208789	0.345931	-2.89075	0.157805	1.78004	1.78004	0.0319014	0.382874	-2.61183	0.948075	0.97544	-1.02518	0.0204889	0.344362	-2.90392	0.258057	0.637242	-1.56926	0.094883	0.496188	-2.01536	3.41454	7.88368	2.05231	1

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cg05634915	XYLT1	0.0457225	0.0210671	0.16042	-6.23365	0.0334397	0.194163	-5.15032	0.0300205	0.185737	-5.38397	0.157389	0.368899	-2.71077	0.194196	0.404173	-2.47419	0.042478	0.214184	-4.66889	0.00761582	0.104014	-9.61412	0.202712	0.411895	-2.4278	0.0384377	0.205587	-4.86412	3.50454	24.145	6.12413	1
cg20700813	XYLT2	0.000514978	0.0011853	0.403553	-2.47799	0.171335	0.757328	-1.32043	0.00327645	0.465395	-2.14871	0.767878	1.05811	1.05811	0.0496929	0.652271	-1.53311	0.000175149	0.296727	-3.37011	7.22E-05	0.251773	-3.97184	0.0632269	0.67117	-1.48994	0.000904774	0.387709	-2.57925	14.1739	8.17665	0.512782	1
cg23878875	XYLT2	0.000702935	0.247292	0.804147	-1.24355	0.0179693	1.67879	1.67879	0.478359	0.878205	-1.13869	0.000640368	2.57122	2.57122	0.0295042	0.630109	-1.58703	0.0131882	0.574827	-1.73966	0.00183469	0.450459	-2.21996	0.000441788	0.367972	-2.7176	0.659339	0.923175	-1.08322	12.9957	6.68274	0.457091	1
cg24804060	XYLT2	0.00151556	0.0760069	0.756767	-1.32141	0.633047	1.07025	1.07025	0.0154847	0.657573	-1.52074	0.0505234	1.36966	1.36966	0.00239887	0.550425	-1.81678	0.0355387	0.707923	-1.41258	7.39E-05	0.361797	-2.76398	0.250233	0.844007	-1.18482	0.0336213	0.704481	-1.41949	10.4485	3.29692	0.28048	1
cg26555306	XYLT2	0.00815479	0.101175	0.47083	-2.12391	0.0129458	0.274032	-3.6492	0.03146	0.34686	-2.88301	0.133892	0.507429	-1.97072	0.00147801	0.145886	-6.85466	0.00394088	0.196397	-5.09172	0.00282585	0.17803	-5.61703	0.684381	0.842398	-1.18709	0.0281669	0.336954	-2.96776	6.30598	17.5881	2.47922	1
cg05105913	XYLT2	0.00832125	0.124343	0.647698	-1.54393	0.0309262	1.93743	1.93743	0.00409855	2.73259	2.73259	0.925603	1.02468	1.02468	0.0691019	0.588086	-1.70043	0.860859	0.955239	-1.04686	0.00419816	0.367544	-2.72076	0.0444221	0.547411	-1.82678	0.52191	0.844153	-1.18462	6.26593	6.76099	0.959119	1
cg09929164	XYLT2	0.0192199	0.34676	0.770234	-1.29831	0.00268648	3.05819	3.05819	0.61021	0.870639	-1.14858	0.343143	1.30101	1.30101	0.00357934	0.345376	-2.8954	0.815324	0.938905	-1.06507	0.254055	0.725484	-1.37839	0.883643	1.04025	1.04025	0.892526	0.964232	-1.03709	4.76846	5.48295	1.02208	1
cg21529788	XYLT2	0.0334846	0.325475	1.12771	1.12771	0.0454347	1.31208	1.31208	0.0993238	1.23845	1.23845	0.85574	1.02178	1.02178	0.136152	1.20936	1.20936	0.935202	1.00967	1.00967	0.0031329	0.619931	-1.61308	0.33099	0.888043	-1.12607	0.367305	1.11586	1.11586	3.9294	0.872042	0.197269	1
cg02987471	XYLT2	0.048052	0.659333	1.16635	1.16635	0.434259	0.757801	-1.31961	0.45107	0.765784	-1.30585	0.016222	0.349137	-2.86421	0.0198424	0.366281	-2.73014	0.486637	1.27831	1.27831	0.0532575	2.17356	2.17356	0.159819	1.69189	1.69189	0.313061	1.43831	1.43831	3.73673	6.95723	1.4481	1
cg03786709	YAF2	0.0079983	0.0221892	0.649013	-1.5408	0.026691	0.66099	-1.51288	0.301302	0.84463	-1.18395	0.113811	0.762421	-1.31161	0.119768	0.766335	-1.30491	0.115085	0.763272	-1.31015	0.00108045	2.14026	2.14026	0.158285	1.26847	1.26847	0.670335	0.934714	-1.06985	6.34457	2.49798	0.349973	1
cg06938101	YAF2	0.0225626	0.247077	1.26451	1.26451	0.132429	1.37003	1.37003	0.0633475	1.49913	1.49913	0.604196	1.10672	1.10672	0.455502	1.1588	1.1588	0.011102	0.539338	-1.85413	0.0996763	0.704772	-1.4189	0.0159368	1.77237	1.77237	0.0456139	1.55962	1.55962	4.51461	2.6884	0.529324	1
cg06363613	YAF2	0.0288515	0.0346636	0.684479	-1.46097	0.627012	0.92739	-1.0783	0.422778	0.881579	-1.13433	0.865186	1.0265	1.0265	0.484307	1.11562	1.11562	0.317068	1.17258	1.17258	0.00181913	0.505475	-1.97834	0.937796	1.01209	1.01209	0.065902	1.37388	1.37388	4.14375	1.55511	0.333593	1
cg09475479	YAF2	0.0340236	0.0231653	0.772645	-1.29426	0.0468384	1.24137	1.24137	0.0629492	1.21989	1.21989	0.159505	1.15353	1.15353	0.726426	1.03394	1.03394	0.344115	0.911565	-1.09702	0.132327	0.857002	-1.16686	0.379042	1.08953	1.08953	0.0248318	1.2889	1.2889	3.90686	0.558583	0.127089	1
cg08556511	YAP1;YAP1	0.000562063	0.221903	0.661273	-1.51223	0.031054	0.442439	-2.2602	0.000371405	0.159621	-6.26486	9.34E-05	0.105927	-9.44049	0.0236101	0.41865	-2.38863	0.771418	1.09839	1.09839	0.000623644	0.183533	-5.44862	0.897586	1.04236	1.04236	0.000524097	0.175273	-5.70539	13.8334	22.738	1.46108	1
cg26608694	YAP1;YAP1	0.00255643	0.062849	0.684485	-1.46095	0.296132	0.821834	-1.21679	0.0774684	0.70084	-1.42686	0.0456367	0.660278	-1.51451	0.000232201	0.330749	-3.02344	0.00094521	0.409428	-2.44243	0.0250453	0.617033	-1.62066	0.20407	1.27478	1.27478	0.00499628	0.510225	-1.95992	8.97287	4.66211	0.461847	1
cg05819150	YAP1;YAP1	0.0168769	0.0221616	3.41044	3.41044	0.0711162	2.46406	2.46406	0.14801	0.499472	-2.00212	0.0457883	0.359069	-2.78498	0.0385398	0.342278	-2.92161	0.247569	0.582295	-1.71734	0.0168763	0.271452	-3.68389	0.0821709	2.36655	2.36655	0.983866	1.00909	1.00909	4.98157	15.7873	2.81701	1
cg09612099	YAP1;YAP1	0.0304008	0.0295752	0.443201	-2.25631	0.671335	0.873212	-1.1452	0.00693355	0.329605	-3.03394	0.0117239	0.3678	-2.71887	0.00607086	0.320406	-3.12104	0.0518371	0.495167	-2.01952	0.302332	0.712185	-1.40413	0.327222	0.725225	-1.37888	0.15861	0.619598	-1.61395	4.0676	6.50041	1.42053	1
cg22104427	YAP1;YAP1	0.0337594	0.925995	0.971812	-1.02901	0.00101981	0.22333	-4.47768	0.147739	0.620031	-1.61282	0.179068	1.55159	1.55159	0.214022	0.668548	-1.49578	0.0593286	0.519353	-1.92547	0.816158	0.930834	-1.07431	0.382297	0.758998	-1.31753	0.650146	0.868899	-1.15088	3.91785	5.87734	1.33346	1
cg17630771	YAP1;YAP1	0.0358676	0.681954	1.04426	1.04426	0.10822	1.20226	1.20226	0.100005	1.20859	1.20859	0.246684	1.1358	1.1358	0.806747	0.974566	-1.0261	0.72825	1.03735	1.03735	0.00187472	0.629042	-1.58972	0.40021	1.09474	1.09474	0.273678	1.1272	1.1272	3.83296	0.670777	0.155558	1
cg17978903	YAP1;YAP1;YAP1;YAP1	0.00221593	0.000913173	0.403888	-2.47593	0.465059	0.872865	-1.14565	0.145666	1.3307	1.3307	0.773147	0.948514	-1.05428	0.000108681	0.287316	-3.48049	0.580486	0.902947	-1.10749	0.708138	0.933536	-1.0712	0.637054	1.09081	1.09081	0.166058	1.31011	1.31011	9.35751	4.95687	0.470863	1
ch.1.1078655R	YARS	0.0210966	?	?	?	0.0230457	0.329323	-3.03653	0.0230892	3.03499	3.03499	0.00432783	0.204304	-4.89466	0.298557	0.650312	-1.53772	?	?	?	0.661682	0.839415	-1.19131	0.991387	1.0043	1.0043	0.862094	0.933266	-1.07151	5.32759	10.134	1.90217	1
cg23925199	YARS	0.0252343	0.00783576	0.701021	-1.42649	0.534942	1.06759	1.06759	0.64343	1.04972	1.04972	0.632693	1.0514	1.0514	0.734084	1.03613	1.03613	0.0159355	0.73548	-1.35966	0.0061589	0.689387	-1.45056	0.227243	1.14105	1.14105	0.556144	0.939915	-1.06393	4.34311	0.745284	0.152535	1
cg17880604	YARS	0.0463045	0.116722	0.801954	-1.24695	0.423989	0.899658	-1.11153	0.00982381	0.655314	-1.52599	0.274643	0.863131	-1.15857	0.141757	0.814992	-1.22701	0.0124583	0.668539	-1.4958	0.293712	1.15147	1.15147	0.0869724	0.782889	-1.27732	0.0296505	0.717832	-1.39308	3.48793	0.926323	0.236071	1
cg09187486	YARS2	0.0022758	0.264113	0.839664	-1.19095	0.219059	0.823615	-1.21416	0.0553609	1.38549	1.38549	0.000163331	0.380806	-2.62601	0.0516081	0.717058	-1.39459	0.754542	1.04821	1.04821	0.0219564	0.661909	-1.51078	0.031474	1.46047	1.46047	0.0491314	1.401	1.401	9.28474	3.31433	0.317303	1
cg18231319	YARS2	0.00627159	0.018268	0.186205	-5.37042	0.00327549	0.0952091	-10.5032	0.0636396	0.294194	-3.39911	0.0778995	0.316779	-3.15678	0.00311431	0.0932401	-10.725	0.0461543	0.261684	-3.8214	0.000823315	0.051985	-19.2363	0.0151936	0.173819	-5.75312	0.0248385	0.208625	-4.7933	6.84484	37.3239	4.84697	1
cg21079394	YARS2	0.0102369	0.0328637	0.673602	-1.48456	0.0693484	0.724969	-1.37937	0.10252	1.32688	1.32688	0.00484166	0.553484	-1.80674	0.348369	0.858269	-1.16514	0.00107851	0.465699	-2.14731	0.110153	0.759091	-1.31737	0.0845787	0.739345	-1.35255	0.0696198	0.725248	-1.37884	5.86648	2.32841	0.352801	1
cg08114689	YARS2	0.0102384	0.643743	1.07155	1.07155	0.0458352	1.40447	1.40447	0.280869	1.18095	1.18095	0.00235674	0.532823	-1.8768	0.00221247	0.529214	-1.8896	0.923779	0.985901	-1.0143	0.100289	0.765544	-1.30626	0.772352	1.04398	1.04398	0.719174	1.05504	1.05504	5.86621	2.04563	0.309968	1
cg13722517	YARS2	0.0258076	0.120493	2.10691	2.10691	0.0253368	3.73689	3.73689	0.0488684	2.88646	2.88646	0.0272598	0.27583	-3.62542	0.0871404	0.425651	-2.34934	0.829903	0.916829	-1.09072	0.420332	1.40467	1.40467	0.0140976	0.206569	-4.84101	0.0553793	2.75667	2.75667	8.74837	19.589	0.995185	1
cg01225095	YARS2	0.0379333	0.460458	0.904376	-1.10573	0.00789053	1.57747	1.57747	0.0996003	1.27304	1.27304	0.0722831	1.30772	1.30772	0.647554	1.0635	1.0635	0.0457314	0.736124	-1.35847	0.907061	1.01574	1.01574	0.90184	1.01664	1.01664	0.0280596	1.41486	1.41486	3.75555	1.06408	0.251853	1
cg18851817	YARS2;YARS2	0.000261236	0.00208251	0.80174	-1.24729	0.823524	0.988673	-1.01146	0.264096	1.06117	1.06117	0.260353	1.0617	1.0617	0.00026591	1.35711	1.35711	0.662765	0.977869	-1.02263	2.81E-05	0.656916	-1.52226	0.0323471	0.880032	-1.13632	0.120435	0.917681	-1.0897	17.084	0.703766	0.0366174	1
cg02309717	YARS2;YARS2	0.0137812	0.0735329	0.804989	-1.24225	0.03712	1.30099	1.30099	0.515667	1.0743	1.0743	0.0469237	0.780909	-1.28056	0.127145	0.835795	-1.19647	0.00230213	0.629298	-1.58907	0.0810189	0.810309	-1.2341	0.912872	0.98817	-1.01197	0.0926002	1.2229	1.2229	5.32738	0.997419	0.166422	1
cg26816552	YARS;S100PBP;S100PBP	0.00134474	0.0321391	1.41995	1.41995	0.000458041	2.16161	2.16161	0.00354384	1.73703	1.73703	0.602941	1.07607	1.07607	0.882787	0.979601	-1.02082	0.571123	1.08325	1.08325	0.00050184	0.46758	-2.13867	0.194855	0.825666	-1.21114	0.747076	1.04624	1.04624	10.8137	3.34245	0.274749	1
cg06635431	YARS;S100PBP;S100PBP	0.0269665	0.0294754	0.814331	-1.228	0.689702	0.96836	-1.03267	0.192248	1.11692	1.11692	0.0116703	1.28722	1.28722	0.021498	1.24763	1.24763	0.561779	0.954091	-1.04812	0.275218	0.913073	-1.0952	0.426227	0.936986	-1.06725	0.0564131	1.18892	1.18892	4.24351	0.431323	0.0903492	1
cg14831266	YARS;S100PBP;S100PBP	0.0456576	0.0375709	0.825373	-1.21157	0.0330865	1.21922	1.21922	0.127105	1.14026	1.14026	0.616782	1.04095	1.04095	0.179497	1.1201	1.1201	0.0396402	1.20837	1.20837	0.0771943	0.855303	-1.16918	0.306398	1.08789	1.08789	0.64722	0.96401	-1.03733	3.50641	0.351422	0.0890868	1
cg16306148	YBX1	4.17E-07	8.64E-07	0.77239	-1.29468	4.23E-07	1.69555	1.69555	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	2.99E-07	0.473905	-2.11013	5.60E-07	1.48924	1.48924	3.24E+12	2.20773	1.71E-13	1
cg20313362	YBX1	0.00530059	0.00280038	0.224911	-4.4462	0.00948818	0.304065	-3.28877	0.0416292	0.427053	-2.34163	0.0607027	0.464876	-2.15111	0.0116957	0.319444	-3.13044	0.0134819	0.330232	-3.02818	0.00327498	0.234136	-4.27102	0.0772376	2.03727	2.03727	0.0311343	0.399983	-2.50011	7.20874	14.9812	1.84729	1
cg01002288	YBX1	0.00648298	0.71112	0.931353	-1.07371	0.00203196	0.435287	-2.29733	0.00110373	0.398725	-2.50799	0.584892	1.1112	1.1112	0.0818751	1.44569	1.44569	0.0129661	0.554586	-1.80315	0.461672	1.15403	1.15403	0.953309	0.988868	-1.01126	0.860805	1.03412	1.03412	6.77488	3.92156	0.514523	1
cg07558682	YBX1	0.00771745	0.110024	0.813323	-1.22952	0.908662	0.986478	-1.01371	0.117268	1.22363	1.22363	0.203459	1.17261	1.17261	0.572467	0.934583	-1.07	0.0466111	1.31035	1.31035	0.000593744	0.533119	-1.87576	0.0695157	0.78598	-1.2723	0.0833448	1.25531	1.25531	6.41625	1.42988	0.198091	1
cg15557459	YBX1	0.00794868	0.000870665	0.146005	-6.84906	0.175565	0.574157	-1.74168	0.0387967	0.397849	-2.51351	0.0978248	0.496766	-2.01302	0.00589123	0.249563	-4.00701	0.0086513	0.27544	-3.63056	0.00929457	0.280486	-3.56523	0.724527	0.872579	-1.14603	0.0104373	0.288796	-3.46265	6.35701	14.9402	2.08906	1
cg03041742	YBX1	0.00863932	0.372345	1.4292	1.4292	0.0419572	2.49414	2.49414	0.0622017	2.26729	2.26729	0.000693427	0.132868	-7.52629	0.400585	1.39863	1.39863	?	?	?	0.257047	1.58602	1.58602	0.897523	1.05152	1.05152	0.108637	0.505439	-1.97848	6.31804	13.5226	2.14031	1
cg23252848	YBX1	0.0180701	0.0228198	0.728203	-1.37324	0.711418	0.957658	-1.04421	0.993643	0.999073	-1.00093	0.00129605	0.579472	-1.72571	0.193331	0.851919	-1.17382	0.570818	0.93548	-1.06897	0.00447526	0.643176	-1.55478	0.473054	1.08868	1.08868	0.587423	0.938208	-1.06586	4.86875	1.04529	0.190838	1
cg07603685	YBX1	0.0467652	0.0402453	0.546688	-1.8292	0.157526	0.68036	-1.46981	0.0392554	0.544536	-1.83643	0.324333	1.29611	1.29611	0.0325951	0.528714	-1.89138	0.0318007	0.526646	-1.89881	0.0399626	0.546078	-1.83124	0.270587	0.746547	-1.3395	0.0228137	0.499466	-2.00214	3.47496	3.57356	0.91411	1
cg00650876	YBX1	0.0487766	0.45584	0.870788	-1.14838	0.530109	1.12284	1.12284	0.934215	0.985074	-1.01515	0.00855266	0.542742	-1.84249	0.0757487	0.697623	-1.43344	0.019475	0.597816	-1.67275	0.126683	1.35115	1.35115	0.473834	1.14191	1.14191	0.236898	0.797922	-1.25326	3.42014	1.79753	0.467177	1
cg16161715	YBX1;YBX1	0.00293193	0.12214	1.13401	1.13401	0.116201	0.879726	-1.13672	0.765283	0.977777	-1.02273	0.775815	1.02166	1.02166	0.543363	1.04726	1.04726	0.159528	0.893303	-1.11944	4.73E-05	1.77831	1.77831	0.245073	1.09556	1.09556	0.818963	0.982939	-1.01736	8.61664	0.768884	0.0793178	1
cg14765834	YBX2	1.31E-06	1.64E-06	0.157963	-6.3306	0.00151403	0.49653	-2.01398	0.00102438	0.474325	-2.10826	3.90E-06	0.192643	-5.19096	1.35E-07	0.0781795	-12.7911	0.000365766	0.416939	-2.39843	5.23E-07	0.117474	-8.51249	0.00449108	0.55963	-1.78689	0.000165471	0.373973	-2.67399	68.4274	25.447	0.330563	1
cg27227537	YBX2	5.06E-05	0.0139073	0.614877	-1.62634	0.00367125	0.533313	-1.87507	0.00133577	0.47408	-2.10935	0.99795	0.999589	-1.00041	0.000366661	0.401168	-2.49272	1.05E-05	0.221271	-4.51934	4.80E-06	0.187547	-5.332	0.000436477	0.410809	-2.43422	0.239653	0.821138	-1.21782	26.5417	10.7677	0.360612	1
cg25151916	YBX2	0.000190898	0.311276	0.8461	-1.18189	0.000950557	2.19418	2.19418	0.126974	0.768497	-1.30124	0.0172021	1.58897	1.58897	0.000629748	0.432464	-2.31233	0.197808	0.804809	-1.24253	4.03E-05	0.286255	-3.49339	0.0286503	1.50957	1.50957	0.0179267	1.58234	1.58234	18.6046	7.49867	0.358271	1
cg15906794	YBX2	0.00152996	0.00525912	0.589977	-1.69498	0.00118068	0.505519	-1.97817	0.62232	0.931288	-1.07378	0.643328	0.935327	-1.06914	0.682875	1.06067	1.06067	0.818369	1.03353	1.03353	0.595239	1.07991	1.07991	0.000151515	2.53999	2.53999	0.907147	1.01687	1.01687	10.4201	3.39275	0.28942	1
cg09457469	YBX2	0.00396258	0.712205	0.94314	-1.06029	0.936459	1.01268	1.01268	0.161121	1.26677	1.26677	0.00290734	0.523849	-1.90895	0.221764	0.816358	-1.22495	0.46929	1.12335	1.12335	0.287863	0.840011	-1.19046	0.822635	0.96515	-1.03611	0.000125717	0.348129	-2.8725	7.87476	3.11325	0.351418	1
cg01500001	YBX2	0.00440398	0.413775	1.34193	1.34193	0.150182	1.72112	1.72112	0.434868	0.755425	-1.32376	0.423627	0.75	-1.33333	0.0848268	0.511253	-1.95598	0.000391609	0.136816	-7.3091	0.635091	1.18328	1.18328	0.000821868	0.169588	-5.89665	0.384352	0.730532	-1.36887	7.62744	14.9697	1.74454	1
cg13147246	YBX2	0.00479316	0.761693	1.07793	1.07793	0.151654	0.684544	-1.46083	0.0555988	0.58556	-1.70777	0.317835	1.29014	1.29014	0.0783513	0.617252	-1.62008	0.956402	1.01358	1.01358	0.00247805	0.354206	-2.82322	0.000200123	0.2143	-4.66636	0.937661	0.980886	-1.01949	7.43374	7.16693	0.856985	1
cg01762091	YBX2	0.0108583	0.0830586	0.372445	-2.68496	0.866128	0.916826	-1.09072	0.937174	0.960239	-1.04141	0.0442308	3.28547	3.28547	0.0311337	0.272004	-3.67642	0.605445	0.764752	-1.30761	0.0252207	0.254174	-3.93431	0.00197908	9.47966	9.47966	0.156065	0.457945	-2.18367	5.7565	24.15	3.72911	1
cg16009970	YBX2	0.011962	0.01539	6.16913	6.16913	0.00666631	8.61823	8.61823	0.0626355	3.60347	3.60347	0.136905	2.66544	2.66544	0.0245912	5.14533	5.14533	0.0540335	3.81169	3.81169	0.00265954	12.7151	12.7151	0.00374835	10.9621	10.9621	0.0337534	4.55842	4.55842	5.57923	33.0807	5.27045	1
cg27656973	YBX2	0.0143636	0.0581512	0.426774	-2.34316	0.00172673	0.169002	-5.9171	0.137384	0.529263	-1.88942	0.431276	1.37634	1.37634	0.0202114	0.328329	-3.04573	0.23529	0.609786	-1.63992	0.00308517	0.19977	-5.00576	0.096498	0.484003	-2.0661	0.0841946	0.467789	-2.13772	5.25536	13.1622	2.22624	1
cg00901493	YBX2	0.0149876	0.0630988	1.60558	1.60558	0.00184674	2.72188	2.72188	0.00733396	2.18776	2.18776	0.0391759	1.71694	1.71694	0.0887564	0.653625	-1.52993	0.922952	1.02215	1.02215	0.663033	0.90547	-1.1044	0.297984	1.2768	1.2768	0.980594	1.00552	1.00552	5.18211	4.21028	0.72219	1
cg20994022	YBX2	0.0165235	0.50642	0.719511	-1.38983	0.835695	1.10673	1.10673	0.225228	1.86257	1.86257	0.0114363	4.6899	4.6899	0.0253325	0.273022	-3.66271	0.0438007	0.32254	-3.10039	0.516662	0.725371	-1.37861	0.00784422	5.2911	5.2911	0.235962	0.545288	-1.83389	5.0169	18.9458	3.35679	1
cg02812036	YBX2	0.0231092	0.0440766	5.47822	5.47822	0.0808746	4.15006	4.15006	0.0666857	4.53412	4.53412	0.0710188	4.40524	4.40524	0.777189	0.811734	-1.23193	0.017632	8.35333	8.35333	0.00845391	11.8464	11.8464	0.00501832	15.3199	15.3199	0.027956	6.74787	6.74787	4.47754	38.3305	7.60943	1
cg14241662	YBX2	0.0240545	0.0713494	2.01328	2.01328	0.0120327	2.96896	2.96896	0.291761	1.46241	1.46241	0.126164	1.77702	1.77702	0.124485	1.78232	1.78232	0.0156292	2.80063	2.80063	0.00411573	3.80819	3.80819	0.00927766	3.14884	3.14884	0.0427306	2.24899	2.24899	4.41593	8.44337	1.69958	1
cg04190813	YBX2	0.0343822	0.0475848	2.42699	2.42699	0.0117518	3.42659	3.42659	0.585064	1.2408	1.2408	0.0557707	2.33516	2.33516	0.0299808	2.71587	2.71587	0.0651847	2.2482	2.2482	0.00544972	4.18147	4.18147	0.0428582	2.48948	2.48948	0.0826026	2.12187	2.12187	3.89211	9.43932	2.15577	1
cg25555460	YBX2	0.0425713	0.105849	2.09913	2.09913	0.00185803	6.38524	6.38524	0.442771	1.38891	1.38891	0.0813625	2.25016	2.25016	0.246271	0.601091	-1.66364	0.185398	1.80314	1.80314	0.342386	1.5078	1.5078	0.0586341	2.45155	2.45155	0.252483	1.65166	1.65166	3.59923	10.0453	2.48086	1
cg15020611	YDJC	0.00306265	0.787258	1.04609	1.04609	0.475731	0.886202	-1.12841	0.500902	1.12053	1.12053	0.00100816	0.443566	-2.25445	0.750066	0.948153	-1.05468	0.000759503	0.427352	-2.33999	0.0013844	0.46193	-2.16483	0.0203401	0.62758	-1.59342	0.0266394	0.645567	-1.54903	8.50576	3.73827	0.390665	1
cg15846791	YDJC	0.00758655	0.381731	1.23475	1.23475	0.0189651	0.512854	-1.94987	0.0432114	1.72745	1.72745	0.00410841	2.47156	2.47156	?	?	?	0.353552	1.25152	1.25152	0.0708576	1.60704	1.60704	0.0353968	0.562259	-1.77854	0.0531681	0.596676	-1.67595	6.58378	5.12071	0.777777	1
cg19710672	YDJC	0.00989192	0.00537533	0.336312	-2.97343	0.248784	0.698787	-1.43105	0.347188	0.749925	-1.33347	0.445626	1.26005	1.26005	0.00552332	0.338159	-2.95719	0.00312188	0.300703	-3.32554	0.00379754	0.313249	-3.19235	0.127903	0.613027	-1.63125	0.0723764	0.550951	-1.81504	5.93119	8.30302	1.24435	1
cg20703614	YDJC	0.011303	0.00721675	0.34971	-2.85951	0.0551223	0.517409	-1.93271	0.416157	0.77738	-1.28637	0.14537	1.60607	1.60607	0.00526683	0.327955	-3.0492	0.238573	1.4536	1.4536	0.0118843	0.386169	-2.58954	0.648044	1.14943	1.14943	0.0242655	0.443173	-2.25646	5.6825	8.26387	1.29268	1
cg11654148	YDJC	0.0292791	0.224539	0.758312	-1.31872	0.845829	1.04312	1.04312	0.00517841	2.22631	2.22631	0.28282	1.2738	1.2738	0.00784059	2.09581	2.09581	0.672308	1.09665	1.09665	0.0521793	1.61436	1.61436	0.024379	1.78916	1.78916	0.338502	1.23856	1.23856	4.12223	3.07017	0.662029	1
cg16297993	YEATS2	0.00032558	0.00808332	2.41385	2.41385	0.000807821	3.71757	3.71757	0.0117768	2.26433	2.26433	0.000503392	4.10835	4.10835	0.436097	1.22927	1.22927	0.00675164	2.4901	2.4901	0.00306309	2.86775	2.86775	1.13E-05	11.2791	11.2791	0.0244339	2.00687	2.00687	16.0854	17.1945	0.950178	1
cg15228492	YEATS2	0.0156587	0.0044958	0.167582	-5.96723	0.132022	2.15264	2.15264	0.194868	1.90924	1.90924	0.720656	0.844217	-1.18453	0.0690759	0.383135	-2.61005	0.703514	0.834987	-1.19762	0.0288048	0.296427	-3.37351	0.0121048	0.22871	-4.37235	0.144894	2.09263	2.09263	5.10745	17.993	3.13146	1
cg04888840	YEATS2	0.0238893	0.0951416	0.294494	-3.39565	0.618967	0.715886	-1.39687	0.0513018	4.39035	4.39035	0.163865	0.371415	-2.69241	0.081096	0.275456	-3.63035	0.0139619	0.132111	-7.56942	0.00515864	0.0852453	-11.7309	0.23707	0.437877	-2.28374	0.0427723	0.211257	-4.73358	4.42648	31.1583	6.25695	1
cg24276395	YEATS2	0.0257734	0.484664	1.10777	1.10777	0.731111	0.951497	-1.05098	0.0159527	1.53007	1.53007	0.603553	1.07843	1.07843	0.757557	1.04564	1.04564	0.825686	1.0323	1.0323	0.125133	1.2703	1.2703	0.865997	1.02464	1.02464	0.00161672	0.521299	-1.91828	4.31123	1.41842	0.292449	1
cg20976174	YEATS2	0.0294524	0.139464	1.4421	1.4421	0.0233588	1.8659	1.8659	0.294044	1.28473	1.28473	0.625678	1.11983	1.11983	0.602603	1.12854	1.12854	0.986024	0.995976	-1.00404	0.0117186	0.484362	-2.06457	0.0140749	2.00922	2.00922	0.0589874	1.63376	1.63376	4.11362	3.45258	0.746048	1
cg10816158	YEATS2	0.0333711	0.762597	0.962718	-1.03873	0.0119527	1.48191	1.48191	0.101039	1.2526	1.2526	0.89911	1.01604	1.01604	0.105969	0.801362	-1.24788	0.708801	1.04817	1.04817	0.0206919	1.4182	1.4182	0.0664382	0.772478	-1.29454	0.190852	0.840542	-1.18971	3.93421	0.980035	0.221428	1
cg22834771	YEATS4	0.000303636	0.0110623	0.592842	-1.68679	0.284766	1.19999	1.19999	0.671766	1.07244	1.07244	8.51E-05	0.313949	-3.18523	0.17175	0.787646	-1.26961	6.61E-05	0.301016	-3.32208	0.068395	0.715499	-1.39763	0.0379205	0.673739	-1.48425	0.000145713	0.342062	-2.92345	16.396	6.99101	0.37901	1
cg16408865	YEATS4	0.00166628	0.00328611	0.0930433	-10.7477	0.00249616	0.0828485	-12.0702	0.0147133	0.16863	-5.93016	0.122868	0.371199	-2.69397	0.000357686	0.0335092	-29.8425	0.0156223	0.172504	-5.79695	0.000313234	0.0313004	-31.9484	0.0113623	0.15278	-6.54537	0.0179047	0.181614	-5.5062	10.1665	56.5909	4.94792	1
cg09939079	YEATS4	0.00464381	0.0136599	0.278841	-3.58627	0.00106731	0.13204	-7.57346	0.0483117	0.388778	-2.57216	0.672207	1.19506	1.19506	0.00760595	0.237616	-4.20848	0.0343588	0.355783	-2.8107	0.00107299	0.132267	-7.56044	0.0108961	0.2623	-3.81242	0.0534386	0.399108	-2.50559	7.50567	20.8394	2.46799	1
cg20891283	YEATS4	0.0119623	0.628551	0.851476	-1.17443	0.721192	0.888527	-1.12546	0.857362	1.06114	1.06114	0.00663383	0.312816	-3.19677	0.810499	1.08245	1.08245	0.000357104	0.151105	-6.61793	0.46531	0.782639	-1.27773	0.659961	1.15723	1.15723	0.423307	1.30962	1.30962	5.57919	9.61255	1.53149	1
cg20736513	YEATS4	0.0144017	0.450403	0.874948	-1.14293	0.0826869	0.716168	-1.39632	0.492753	1.12864	1.12864	0.0622258	0.694443	-1.44	0.0177473	1.65007	1.65007	0.585723	0.908823	-1.10032	0.00864662	1.78872	1.78872	0.0866463	1.38923	1.38923	0.0229107	0.623263	-1.60446	5.25078	2.50939	0.424808	1
cg13995319	YES1	0.00886535	0.151647	0.612328	-1.63311	0.0154375	0.387168	-2.58286	?	?	?	0.00409461	0.292316	-3.42095	0.162024	0.620816	-1.61078	?	?	?	0.00164771	0.237256	-4.21485	0.0853346	0.544806	-1.83552	0.412329	1.30687	1.30687	6.42297	8.06627	1.43525	1
cg06284244	YES1	0.00989795	0.0556197	0.728225	-1.3732	0.133883	0.789474	-1.26667	0.690679	1.06023	1.06023	0.246039	0.837448	-1.1941	0.00027244	0.417971	-2.39251	0.0652763	0.738901	-1.35336	0.0175714	0.655411	-1.52576	0.0696588	0.743287	-1.34538	0.0341365	0.696631	-1.43548	5.93003	2.00808	0.301004	1
cg24732929	YES1;YES1	0.043043	0.211269	1.22746	1.22746	0.471068	1.12086	1.12086	0.0423959	1.43871	1.43871	0.554717	1.09744	1.09744	0.446981	0.886375	-1.12819	0.204678	1.23154	1.23154	0.00674719	0.57895	-1.72726	0.0640626	0.723364	-1.38243	0.715352	0.9446	-1.05865	3.58452	1.37475	0.34091	1
cg17193163	YIF1A	0.000690482	0.000408697	0.593625	-1.68456	0.0554924	1.22336	1.22336	0.480496	1.06889	1.06889	0.822674	0.979366	-1.02107	0.637902	1.04502	1.04502	0.00885531	0.733816	-1.36274	4.36E-05	0.486522	-2.05541	0.904499	1.01121	1.01121	0.578649	1.05349	1.05349	13.0609	1.7849	0.121475	1
cg14150915	YIF1A	0.00176787	0.0902865	0.760226	-1.3154	0.619212	1.07635	1.07635	0.603718	1.07994	1.07994	0.430067	1.12557	1.12557	0.00366963	0.561642	-1.7805	0.621539	1.07582	1.07582	4.42E-05	0.320867	-3.11656	0.389169	1.13838	1.13838	0.578307	1.08596	1.08596	9.99383	3.41375	0.303632	1
cg07605836	YIF1A	0.00224998	0.00108522	0.258115	-3.87424	0.00480847	0.349705	-2.85956	0.0708532	0.567339	-1.76262	0.16305	0.658279	-1.51911	0.00103576	0.255507	-3.91379	0.0131234	0.42155	-2.3722	0.00180846	0.287687	-3.476	0.00197604	0.293011	-3.41285	0.00420744	0.3408	-2.93427	9.31582	11.6358	1.11025	1
cg08908247	YIF1A	0.004749	0.00269867	0.22181	-4.50835	0.0508143	0.44561	-2.24412	0.0945902	0.512994	-1.94934	0.0404432	0.423241	-2.36272	0.00186529	0.201215	-4.9698	0.0209412	0.364471	-2.74371	0.00112985	0.1754	-5.70126	0.00331314	0.233854	-4.27617	0.029526	0.394162	-2.53703	7.45472	15.5815	1.85792	1
cg14472806	YIF1A	0.0100042	0.00490838	0.303151	-3.29869	0.793082	1.08782	1.08782	0.60034	1.18445	1.18445	0.850343	0.941308	-1.06235	0.00771424	0.33418	-2.9924	0.0824856	0.540162	-1.8513	0.00294803	0.270566	-3.69596	0.00906787	0.345794	-2.8919	0.0307706	0.443803	-2.25325	5.90983	9.5974	1.44353	1
cg26807590	YIF1A	0.0470149	0.0331704	0.298524	-3.34982	0.0185381	0.250016	-3.99975	0.309407	0.600087	-1.66643	0.504742	1.38903	1.38903	0.0279129	0.283314	-3.52965	0.534953	0.737085	-1.3567	0.0119888	0.218354	-4.57971	0.0448518	0.326989	-3.05821	0.167079	0.489156	-2.04434	3.468	12.9453	3.31804	1
cg26811061	YIF1A;YIF1A	0.000154233	0.677302	1.09866	1.09866	0.0224326	0.540682	-1.84952	0.375226	1.22706	1.22706	0.126016	0.689209	-1.45094	0.845751	0.957153	-1.04476	0.453915	0.842381	-1.18711	1.47E-06	0.0641225	-15.5952	0.565389	1.13958	1.13958	0.410059	1.20854	1.20854	19.7085	15.7793	0.711674	1
cg11272232	YIF1B;YIF1B;C19orf33;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;C19orf33	0.0351104	0.54887	0.840235	-1.19014	0.885496	1.04222	1.04222	0.0351639	0.494505	-2.02222	0.619878	1.15431	1.15431	0.0017259	0.277168	-3.60792	0.173886	0.660223	-1.51464	0.711084	1.11268	1.11268	0.13334	1.59153	1.59153	0.383728	0.77389	-1.29217	3.86273	5.03852	1.15946	1
cg14941149	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.00557571	0.282192	0.942921	-1.06053	0.725013	0.981597	-1.01875	0.00103724	1.29108	1.29108	0.12254	1.09199	1.09199	0.00603059	1.20765	1.20765	0.032847	1.14029	1.14029	0.0690482	0.898532	-1.11293	0.556674	0.969219	-1.03176	0.0107423	1.18363	1.18363	7.09769	0.310918	0.0389382	1
cg21546347	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.0128307	0.27194	0.866373	-1.15424	0.0806085	1.27514	1.27514	0.351215	1.12788	1.12788	0.00396453	0.615106	-1.62574	0.299753	0.873897	-1.1443	0.843386	1.02512	1.02512	0.793331	1.03348	1.03348	0.443484	1.10296	1.10296	0.00202537	1.72635	1.72635	5.45343	1.35883	0.221485	1
cg11708454	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;C19orf33;YIF1B	0.00697893	0.0125021	3.33228	3.33228	0.000540008	8.03945	8.03945	0.355131	1.44554	1.44554	0.0398085	2.51091	2.51091	0.0197888	2.97456	2.97456	0.0815937	2.11212	2.11212	0.121818	0.522218	-1.91491	0.0225294	2.88177	2.88177	0.0436944	2.45526	2.45526	6.62134	15.7363	2.11253	1
cg03049863	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;C19orf33;YIF1B	0.0121644	0.86223	0.943216	-1.0602	0.360246	0.728642	-1.37242	0.33312	1.39936	1.39936	0.11093	1.79412	1.79412	0.00947909	3.02329	3.02329	0.167968	0.609835	-1.63979	0.000876377	5.3622	5.3622	0.0330538	2.31367	2.31367	0.271899	1.46951	1.46951	5.54894	9.95512	1.59472	1
cg02610227	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.0231951	0.24598	0.786094	-1.27211	0.527563	1.13537	1.13537	0.844245	1.03979	1.03979	0.955005	1.01126	1.01126	0.000592062	0.349135	-2.86422	0.0675408	0.666132	-1.5012	0.145167	0.73321	-1.36387	0.617223	1.10512	1.10512	0.10112	0.700392	-1.42777	4.47181	2.78663	0.553915	1
cg19707013	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.0207941	0.6053	0.873013	-1.14546	0.0380162	1.87117	1.87117	0.81592	0.941062	-1.06263	0.106309	0.631643	-1.58317	0.00415207	0.367543	-2.72077	0.79395	0.934087	-1.07056	0.176999	1.45327	1.45327	0.835246	1.05575	1.05575	0.00883988	0.419693	-2.38269	4.64261	4.98956	0.955318	1
cg03719625	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.00367772	0.0738107	1.0994	1.0994	0.621867	1.02392	1.02392	0.12903	1.08112	1.08112	0.000769335	1.27403	1.27403	0.054325	0.901377	-1.10941	0.189076	0.935982	-1.0684	0.00250778	0.819041	-1.22094	0.529646	1.03074	1.03074	0.0824402	0.912584	-1.09579	8.05339	0.288405	0.0318326	1
cg24160082	YIPF1	0.000581819	0.189705	1.34367	1.34367	0.464665	0.854465	-1.17032	0.00361153	0.417896	-2.39294	0.152398	0.721395	-1.3862	0.00557166	0.448309	-2.23061	0.111502	0.690554	-1.44811	0.631101	0.902944	-1.10749	0.00403106	0.425522	-2.35005	1.29E-05	0.111302	-8.98456	16.967	11.6875	0.535762	1
cg05803265	YIPF1	0.00649451	0.419445	0.694591	-1.4397	0.175983	1.88818	1.88818	0.0339118	0.334882	-2.98612	0.997127	1.00159	1.00159	0.00877192	0.22886	-4.36948	0.0370278	0.343075	-2.91481	0.000490898	0.0896349	-11.1564	0.637466	0.810832	-1.2333	0.00797372	0.222583	-4.49271	6.77115	20.9288	2.74744	1
cg09266113	YIPF1	0.0141257	0.539035	1.2143	1.2143	0.000458352	5.59867	5.59867	0.8714	1.05188	1.05188	0.576465	1.19265	1.19265	0.0362946	0.467699	-2.13813	0.845283	0.940828	-1.06289	0.199492	0.654944	-1.52685	0.304955	0.71773	-1.39328	0.648099	0.866354	-1.15426	5.28433	8.15752	1.37219	1
cg14176676	YIPF1	0.0492076	0.954666	1.003	1.003	0.944901	1.00365	1.00365	0.0251357	0.868966	-1.15079	0.0248935	0.868688	-1.15116	0.0709915	1.11223	1.11223	0.494593	0.964087	-1.03725	0.63634	1.02543	1.02543	0.138991	0.919452	-1.0876	0.0206691	0.863344	-1.15829	3.40875	0.15012	0.0391464	1
cg13611094	YIPF2	0.00133123	0.885926	0.961905	-1.0396	0.00234654	3.15444	3.15444	0.609571	0.869917	-1.14953	0.0965345	0.610382	-1.63832	0.0073661	0.39281	-2.54576	0.000510674	0.2303	-4.34216	0.00430334	0.355968	-2.80924	0.0984276	1.6329	1.6329	0.0113864	0.424404	-2.35624	10.8451	12.574	1.0306	1
cg27106713	YIPF2	0.0198928	0.00205728	0.338538	-2.95388	0.108005	0.645658	-1.54881	0.131661	1.50078	1.50078	0.0460291	1.76898	1.76898	0.859088	0.956636	-1.04533	0.91982	0.975195	-1.02544	0.272653	1.32954	1.32954	0.928144	0.97775	-1.02276	0.0420043	0.557341	-1.79423	4.71316	4.64566	0.876159	1
cg19998328	YIPF2;C19orf52	0.00341349	0.0050594	0.371823	-2.68945	0.0183627	2.14633	2.14633	0.904886	0.968597	-1.03242	0.25236	1.37594	1.37594	0.00216195	0.316895	-3.15562	0.0175236	0.462236	-2.1634	0.00418447	0.359105	-2.7847	0.190462	0.69069	-1.44783	0.0173254	0.461345	-2.16758	8.23522	9.29216	1.00297	1
cg04849025	YIPF2;C19orf52	0.011595	0.0238984	1.54285	1.54285	0.343629	0.854736	-1.16995	0.0105259	1.67845	1.67845	0.0732147	1.37912	1.37912	0.723492	0.944449	-1.05882	0.00420586	1.85293	1.85293	0.067355	0.719061	-1.3907	0.253924	0.825567	-1.21129	0.206986	0.807252	-1.23877	5.63585	2.31061	0.364431	1
cg11352339	YIPF3	0.0156557	0.127193	0.586167	-1.706	0.0137047	0.372676	-2.6833	0.731984	0.894647	-1.11776	0.0423921	0.469092	-2.13178	0.00241365	0.254529	-3.92882	0.0100804	0.349436	-2.86176	0.00544131	0.305979	-3.2682	0.773005	0.910597	-1.09818	0.525803	0.812064	-1.23143	5.10778	8.48289	1.47625	1
cg01188822	YIPF3;POLR1C;POLR1C	0.0336451	0.922932	0.961129	-1.04044	?	?	?	0.233355	0.570335	-1.75336	0.0709588	2.81802	2.81802	?	?	?	0.17783	1.93754	1.93754	?	?	?	?	?	?	0.00661801	12.8011	12.8011	12.0353	14.2594	0.710876	1
cg13176070	YIPF4	9.60E-05	8.28E-06	0.0919892	-10.8708	0.735778	0.920257	-1.08665	0.00971007	0.448128	-2.23151	0.502369	0.846171	-1.18179	0.0164879	0.4873	-2.05212	0.0153852	0.482049	-2.07448	0.000285934	0.233793	-4.2773	0.00379656	0.383656	-2.6065	1.55E-05	0.111667	-8.95521	22.3818	21.3405	0.847534	1
cg00245032	YIPF4	0.000661515	0.43714	1.08355	1.08355	0.000182861	0.527062	-1.89731	0.842659	0.980081	-1.02032	0.000138518	0.513372	-1.94791	0.015711	0.74102	-1.34949	0.0140663	0.735732	-1.35919	0.0118977	1.37411	1.37411	0.664953	0.956846	-1.0451	0.422691	1.08644	1.08644	13.2186	2.14567	0.144287	1
cg25812473	YIPF4	0.000715885	0.000211472	0.553813	-1.80566	0.219365	0.884048	-1.13116	0.0140939	1.33527	1.33527	0.696214	1.03815	1.03815	0.00020051	0.551257	-1.81404	0.00389584	0.690151	-1.44896	0.646765	1.04501	1.04501	0.214459	1.13281	1.13281	0.45113	1.07601	1.07601	12.9294	1.86439	0.128176	1
cg00243922	YIPF4	0.00162172	0.168001	1.76351	1.76351	0.0685651	2.19717	2.19717	0.235484	1.61615	1.61615	0.386782	0.709969	-1.40851	0.365059	1.43238	1.43238	0.540102	0.787037	-1.27059	3.35E-05	0.0447901	-22.3264	0.119494	1.91991	1.91991	0.440727	1.35468	1.35468	10.2465	24.1919	2.09867	1
cg02381751	YIPF4	0.0267798	0.276199	0.729854	-1.37014	0.359964	0.769764	-1.2991	0.45729	0.810213	-1.23424	0.125983	0.631089	-1.58456	0.0370329	0.510044	-1.96061	0.489739	0.822771	-1.21541	0.000456679	0.215495	-4.64048	0.278192	0.730881	-1.36821	0.962414	1.01319	1.01319	4.25386	5.20773	1.08821	1
cg21205031	YIPF4	0.027074	0.553392	1.24014	1.24014	0.942663	1.02616	1.02616	0.456026	1.31328	1.31328	0.601531	1.2082	1.2082	0.273813	0.664456	-1.50499	0.00269131	0.225649	-4.43167	0.78765	0.90763	-1.10177	0.300266	0.680227	-1.4701	0.00368278	0.244335	-4.09274	4.23759	8.64842	1.81412	1
cg26030832	YIPF4	0.0345581	0.0108556	0.427093	-2.34141	0.0626047	1.74597	1.74597	0.0335737	1.93537	1.93537	0.111799	0.630909	-1.58502	0.595536	0.867193	-1.15315	0.334237	0.767296	-1.30328	0.853599	1.05036	1.05036	0.786287	1.07496	1.07496	0.0620088	1.74873	1.74873	3.88494	4.35256	0.995883	1
cg25047243	YIPF4;YIPF4	0.0490476	0.00271633	0.610845	-1.63708	0.916444	1.01257	1.01257	0.986561	0.997997	-1.00201	0.203916	0.852471	-1.17306	0.737253	0.96071	-1.0409	0.0425641	0.757323	-1.32044	0.175067	1.1873	1.1873	0.604835	1.06411	1.06411	0.428455	1.10101	1.10101	3.41296	0.765977	0.199495	1
cg13917578	YIPF5;YIPF5	0.00996582	0.00708981	0.254023	-3.93665	0.898703	0.951074	-1.05144	0.0447677	0.403581	-2.47782	0.641652	0.831431	-1.20275	0.00477853	0.228707	-4.3724	0.0136333	0.300621	-3.32644	0.00315985	0.204211	-4.8969	0.217522	1.66694	1.66694	0.0784261	0.463011	-2.15977	5.91709	14.5388	2.18408	1
cg11413506	YIPF5;YIPF5;YIPF5;KCTD16;YIPF5	0.0102151	0.0324383	1.32986	1.32986	0.48585	1.08396	1.08396	0.0136699	1.4151	1.4151	0.324053	1.12294	1.12294	0.28549	1.13461	1.13461	0.0896344	1.23742	1.23742	0.00316954	0.631968	-1.58236	0.0901196	1.23695	1.23695	0.0110263	1.43764	1.43764	5.87049	1.20503	0.182461	1
cg13027792	YIPF6	0.018424	0.782912	0.912928	-1.09538	0.000620485	0.176026	-5.68098	0.151712	0.602553	-1.65961	0.0517036	2.07577	2.07577	0.933324	0.972778	-1.02798	0.453215	1.28663	1.28663	0.181045	0.626012	-1.59741	0.97467	0.989582	-1.01053	0.199481	0.639471	-1.56379	4.83707	8.33414	1.53153	1
cg14986420	YIPF6	0.0232971	0.43282	0.793984	-1.25947	0.0319264	0.484554	-2.06376	0.327122	0.747105	-1.3385	0.502745	1.21655	1.21655	0.0306481	0.481007	-2.07897	0.14159	0.634115	-1.577	0.000800681	0.232543	-4.30027	0.505227	0.822959	-1.21513	0.728276	1.10574	1.10574	4.46504	5.87372	1.16932	1
cg12039967	YIPF6	0.0409887	0.0686753	0.299317	-3.34094	0.953557	1.03508	1.03508	0.560548	1.41677	1.41677	0.0898764	3.02426	3.02426	0.125079	0.374272	-2.67185	0.0217094	0.195701	-5.10984	0.00630317	0.121723	-8.21541	0.971895	0.979361	-1.02107	0.911868	0.936562	-1.06773	3.65011	20.2565	4.93295	1
cg08623644	YJEFN3	0.00819187	0.0639705	0.620312	-1.61209	0.337922	0.79725	-1.25431	0.512171	1.16472	1.16472	0.0201475	1.90189	1.90189	0.140698	0.695261	-1.43831	0.180398	0.721617	-1.38578	0.00191158	0.364877	-2.74065	0.0160941	0.508879	-1.9651	0.0486695	1.67614	1.67614	6.29697	5.24672	0.740633	1
cg10172584	YJEFN3	0.0132596	0.636316	0.877258	-1.13992	0.563344	0.851611	-1.17424	0.00574592	2.7055	2.7055	0.207627	1.44096	1.44096	0.815267	0.937682	-1.06646	0.00694035	2.61275	2.61275	0.104369	0.613799	-1.6292	0.146928	0.651832	-1.53414	0.0100537	2.44282	2.44282	5.39516	6.45861	1.0641	1
cg07453911	YJEFN3	0.0371547	0.00331178	0.281417	-3.55345	0.124963	0.590707	-1.69289	0.00663033	0.327276	-3.05553	0.35467	0.739474	-1.35231	0.0459184	0.484223	-2.06516	0.11832	0.584215	-1.7117	0.271339	0.695604	-1.4376	0.0468087	0.486057	-2.05737	0.579261	0.837338	-1.19426	3.7841	6.02138	1.41443	1
cg19838771	YJEFN3;CILP2	0.0255976	0.367154	1.15973	1.15973	0.0633236	1.3966	1.3966	0.041112	0.685942	-1.45785	0.0282443	1.51342	1.51342	0.0264097	0.656329	-1.52363	0.127681	1.30143	1.30143	0.715582	0.943145	-1.06028	0.518059	0.900489	-1.11051	0.0455784	0.693006	-1.44299	4.32154	1.75127	0.360216	1
cg27445557	YKT6	0.000597408	0.00355241	0.581266	-1.72038	0.23905	1.1845	1.1845	0.0149973	0.663224	-1.50779	0.939014	1.01056	1.01056	7.86E-05	0.375101	-2.66595	0.937247	0.989245	-1.01087	0.609475	1.07331	1.07331	0.00488402	1.66914	1.66914	0.00127752	0.524629	-1.90611	13.6003	4.06191	0.265479	1
cg19058734	YKT6	0.00269164	0.0630557	0.482705	-2.07166	0.685907	0.867947	-1.15214	0.81	0.91952	-1.08752	0.246903	1.52464	1.52464	0.00159156	0.206287	-4.84761	0.00168333	0.209314	-4.77752	0.000744294	0.168071	-5.94985	0.676585	1.15734	1.15734	0.00462308	0.26911	-3.71596	8.83749	16.9835	1.70823	1
cg03057146	YKT6	0.00855181	0.597135	1.1484	1.1484	0.0959915	1.60682	1.60682	0.112903	0.639138	-1.56461	0.174477	1.45459	1.45459	0.000485948	0.242048	-4.13141	0.0900979	1.62352	1.62352	0.128539	1.53138	1.53138	0.211653	1.40684	1.40684	0.390567	0.795941	-1.25637	6.21208	6.62135	0.947452	1
cg15972949	YKT6	0.0210424	0.89913	0.978598	-1.02187	0.00845717	1.77458	1.77458	0.00241157	2.05643	2.05643	0.616	1.09009	1.09009	0.213567	0.799767	-1.25036	0.367283	0.853853	-1.17116	0.131209	0.757297	-1.32049	0.413503	0.867086	-1.15329	0.622437	0.918816	-1.08836	4.62385	2.13124	0.40971	1
cg11609344	YKT6	0.0353201	0.725564	0.938331	-1.06572	0.057335	1.47449	1.47449	0.590824	1.10299	1.10299	0.0873658	0.711155	-1.40616	0.850617	0.966522	-1.03464	0.953094	0.989432	-1.01068	0.00567208	0.51923	-1.92593	0.140715	0.751122	-1.33134	0.0432409	1.5219	1.5219	3.8544	1.99124	0.459212	1
cg08802696	YKT6	0.035549	0.840513	1.02468	1.02468	0.00307441	1.63301	1.63301	0.845089	1.02396	1.02396	0.433414	1.10157	1.10157	0.841633	1.0245	1.0245	0.859081	0.978723	-1.02174	0.0151985	0.697089	-1.43454	0.122956	1.22414	1.22414	0.186594	1.18463	1.18463	3.84539	0.89189	0.206167	1
cg16030538	YKT6;YKT6	0.00184249	0.163098	1.08193	1.08193	0.262862	1.06369	1.06369	0.114633	1.09501	1.09501	0.00681924	1.2037	1.2037	0.000430332	1.34267	1.34267	0.0109496	1.184	1.184	0.00184855	0.791509	-1.26341	0.317539	0.946814	-1.05617	0.0660865	1.11522	1.11522	9.8747	0.437587	0.0393902	1
cg10474755	YLPM1	0.000228806	0.776165	1.02062	1.02062	3.46E-05	1.77419	1.77419	7.70E-05	1.67007	1.67007	0.51964	0.954335	-1.04785	0.618483	0.964687	-1.03661	0.047362	1.1764	1.1764	0.68359	1.02978	1.02978	0.000202096	1.56272	1.56272	0.257559	0.918874	-1.08829	17.712	1.43843	0.0721887	1
cg15399511	YLPM1	0.000373007	0.31464	0.777035	-1.28694	0.0121657	0.468553	-2.13423	0.0108451	0.460163	-2.17314	0.00119604	0.316051	-3.16405	6.38E-05	0.167946	-5.95428	0.00512188	0.407706	-2.45275	4.50E-05	0.153571	-6.51166	0.00528053	0.409766	-2.44042	0.00332747	0.379216	-2.63702	15.4956	14.4447	0.828608	1
cg00878827	YLPM1	0.0046446	0.211832	0.833343	-1.19999	0.100082	0.778989	-1.28371	0.881239	1.02094	1.02094	0.00104273	0.510285	-1.95969	0.112771	0.787192	-1.27034	0.0219641	0.683214	-1.46367	0.000224607	0.427042	-2.34169	0.929079	0.987736	-1.01242	0.726488	0.952486	-1.04988	7.50529	2.2839	0.270493	1
cg18503742	YLPM1	0.00838805	0.574947	1.25682	1.25682	0.120601	0.507019	-1.97231	0.336973	0.670733	-1.49091	0.621333	1.22248	1.22248	0.611974	1.22922	1.22922	0.724742	1.15331	1.15331	0.000129425	0.0683438	-14.6319	0.82466	1.09365	1.09365	0.40476	1.41047	1.41047	6.25014	16.112	2.29143	1
cg18250646	YLPM1	0.00903706	0.0581773	2.06066	2.06066	0.81475	0.923797	-1.08249	0.0100089	0.333511	-2.9984	0.0859691	1.89795	1.89795	0.0014298	0.210663	-4.74692	0.0966122	0.540099	-1.85151	0.907559	1.04001	1.04001	0.0302229	0.422937	-2.36442	0.757892	1.11006	1.11006	6.10441	11.026	1.60554	1
cg17317859	YLPM1	0.0098157	0.00983428	0.450377	-2.22036	0.353973	1.26254	1.26254	0.06804	1.64799	1.64799	0.216425	1.37434	1.37434	0.178625	0.705171	-1.4181	0.667457	1.11144	1.11144	0.00165828	0.332792	-3.00488	0.0168472	0.490242	-2.03981	0.801803	0.940368	-1.06341	5.94586	5.62729	0.841263	1
cg15304497	YLPM1	0.014546	0.46567	0.746429	-1.33971	0.00788181	0.261136	-3.82942	0.076342	0.459925	-2.17427	0.00281759	0.197746	-5.05698	0.429343	0.727753	-1.37409	?	?	?	0.00907025	0.270839	-3.69223	0.576565	1.24885	1.24885	0.366404	1.44127	1.44127	5.33334	11.6502	2.18441	1
cg11165667	YLPM1	0.0203466	0.0488147	0.584953	-1.70954	0.0871469	0.637518	-1.56858	0.00617991	0.426956	-2.34216	0.0347451	0.556227	-1.79783	0.00315557	0.382338	-2.61549	0.578591	0.874834	-1.14307	0.198528	1.38242	1.38242	0.799	0.940999	-1.0627	0.989903	1.00302	1.00302	4.67716	4.20745	0.799621	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11609007	YME1L1;MASTL;YME1L1	0.000149012	?	?	?	0.00020406	6.52349	6.52349	?	?	?	0.369549	1.291	1.291	0.00613809	0.356783	-2.80282
cg03183877	YME1L1;MASTL;YME1L1	0.0152921	0.000672203	0.627768	-1.59294	0.234178	1.11809	1.11809	0.518525	1.06033	1.06033	0.24905	0.897774	-1.11387	0.89539	0.988294	-1.01184
cg22891520	YME1L1;MASTL;YME1L1	0.0288058	0.162513	0.879349	-1.13721	0.00280873	0.70118	-1.42617	0.0076196	0.743889	-1.34429	0.0157962	0.77492	-1.29046	0.0642114	0.835835	-1.19641
cg21123180	YME1L1;MASTL;YME1L1;MASTL	0.0119828	0.000550661	0.473872	-2.11027	0.216799	1.19832	1.19832	0.541629	0.917582	-1.08982	0.0151331	0.660019	-1.51511	0.0669643	0.75136	-1.33092
cg08463681	YME1L1;MASTL;YME1L1;MASTL	0.0378213	0.50032	0.935813	-1.06859	0.0425461	0.797356	-1.25414	0.499748	0.935728	-1.06869	0.119968	1.17771	1.17771	0.00812955	1.38896	1.38896
cg02094388	YME1L1;YME1L1;YME1L1;MASTL;YME1 L1	0.000262955	0.260556	0.80744	-1.23848	6.76E-05	3.7795	3.7795	0.201948	0.782251	-1.27836	0.412733	0.85844	-1.1649	0.710268	1.07038	1.07038
cg24040043	YOD1	0.00384555	0.00767923	0.203967	-4.90275	0.113793	0.450049	-2.22198	0.0797428	0.405618	-2.46537	0.0722828	0.394235	-2.53656	0.000954225	0.101834	-9.81995
cg11829608	YOD1	0.00470675	0.0544795	0.439792	-2.2738	0.00382551	0.230372	-4.3408	0.0710291	0.467983	-2.13683	0.0698992	0.466225	-2.14489	0.0314045	0.386591	-2.58671
cg05398095	YOD1	0.00684907	0.0148008	0.226079	-4.42323	0.0014316	0.101645	-9.83819	0.110684	0.4224	-2.36742	0.242374	0.545171	-1.83429	0.00452286	0.153221	-6.52653
cg23921459	YOD1	0.00956383	0.00328841	0.364775	-2.74141	0.0232423	0.505079	-1.97989	0.0395154	0.549039	-1.82136	0.0442714	0.558887	-1.78927	0.00222941	0.340116	-2.94017
cg03523835	YOD1	0.0171199	0.0381685	0.592116	-1.68886	0.0847111	1.51566	1.51566	0.337402	1.24074	1.24074	0.314989	0.797229	-1.25435	0.0636308	0.634573	-1.57586
cg00997931	YOD1	0.0266508	0.938696	1.01459	1.01459	0.0304186	0.619262	-1.61483	0.0947936	0.707621	-1.41319	0.208328	1.28385	1.28385	0.383222	0.84499	-1.18345
cg17858100	YOD1	0.0483684	0.834197	1.04355	1.04355	0.843809	1.04094	1.04094	0.370238	1.20581	1.20581	0.762079	0.94011	-1.06371	0.0214888	0.570196	-1.75378
cg25594636	YOD1;YOD1	0.0292696	0.166777	2.36776	2.36776	0.664187	0.774597	-1.29099	0.751653	1.20399	1.20399	0.246797	0.492562	-2.0302	0.408332	1.63968	1.63968
cg10725843	YPEL1	0.0124844	0.149883	1.42206	1.42206	0.444478	0.83711	-1.19459	0.000801843	0.315329	-3.17129	0.417281	0.827728	-1.20813	0.134213	0.691863	-1.44537
cg13558061	YPEL1	0.0228995	0.525824	1.06153	1.06153	0.00444178	0.702885	-1.42271	0.043256	0.805771	-1.24105	0.165225	0.871544	-1.14739	0.285289	1.10858	1.10858
cg20045040	YPEL1	0.026484	0.0079657	0.422015	-2.36958	0.618048	0.880304	-1.13597	0.313313	0.767599	-1.30276	0.259121	0.741869	-1.34795	0.00360086	0.368029	-2.71718
cg19872368	YPEL2	0.00597761	0.230584	1.1458	1.1458	0.633995	1.05328	1.05328	0.0787733	1.23523	1.23523	0.0391535	1.29474	1.29474	0.518783	0.931662	-1.07335
cg03431989	YPEL2	0.00729701	?	?	?	0.931705	1.07286	1.07286	0.710797	1.35803	1.35803	0.00173705	0.014787	-67.6269	0.00170117	0.0145332	-68.8081
cg04762765	YPEL2	0.0215704	0.489001	1.09645	1.09645	0.125184	1.24287	1.24287	0.150784	1.22351	1.22351	0.515021	0.917151	-1.09033	0.16913	1.21156	1.21156
cg14370448	YPEL3;TBX6;YPEL3	0.0472395	0.0592158	0.544882	-1.83526	0.789437	1.07928	1.07928	0.309308	0.74087	-1.34976	0.00558787	0.354389	-2.82176	0.468455	0.810358	-1.23402
cg12400121	YPEL3;YPEL3	0.035152	0.389882	0.70917	-1.4101	0.0520684	2.36775	2.36775	0.0237778	2.86467	2.86467	0.502216	1.30424	1.30424	0.0600919	0.437267	-2.28693
cg09331206	YPEL3;YPEL3	0.0492886	0.128787	0.79512	-1.25767	0.0208033	1.47493	1.47493	0.157262	1.23521	1.23521	0.607675	1.075	1.075	0.150194	0.806205	-1.24038
cg16348385	YPEL3;YPEL3;YPEL3	0.00877079	0.168155	1.60851	1.60851	0.941407	1.02407	1.02407	0.000920246	4.96461	4.96461	0.000590872	5.56976	5.56976	0.120461	1.72472	1.72472
cg14734340	YPEL4	0.026833	0.00672007	0.248383	-4.02604	0.151789	1.83762	1.83762	0.185203	1.74501	1.74501	0.553771	0.788718	-1.26788	0.00943794	0.271527	-3.68287
cg10366093	YPEL4	0.029978	0.0512693	0.156028	-6.4091	0.0135415	12.9061	12.9061	0.051556	6.39055	6.39055	0.824176	0.830066	-1.20472	0.0884719	0.207405	-4.82147
cg03631561	YPEL4	0.0386914	0.0197364	0.280019	-3.57118	0.836849	1.0977	1.0977	0.0259832	3.30246	3.30246	0.131579	0.479092	-2.08728	0.0171049	0.268766	-3.72071
cg20821170	YPEL4	0.0495782	0.4804	1.19624	1.19624	0.906251	0.971	-1.02987	0.00862263	0.433161	-2.30861	0.740128	0.920216	-1.0867	0.0273715	0.52101	-1.91935
cg19743666	YPEL5;YPEL5;YPEL5;YPEL5	6.43E-05	0.0545985	0.780127	-1.28184	0.776235	0.96807	-1.03298	0.0240844	0.736121	-1.35847	0.210787	0.860576	-1.16201	3.48E-06	0.288623	-3.46472
cg26855302	YPEL5;YPEL5;YPEL5;YPEL5	9.05E-05	0.00120624	0.558019	-1.79205	1.77E-05	0.339484	-2.94564	0.000173096	0.456303	-2.19153	0.0325681	1.36041	1.36041	0.0121623	0.680793	-1.46888
cg27613860	YPEL5;YPEL5;YPEL5;YPEL5	0.00287593	0.824588	0.89682	-1.11505	0.0813863	0.387652	-2.57963	0.900841	0.940682	-1.06306	0.536326	0.735514	-1.35959	2.76E-05	0.017377	-57.5474
cg15064498	YPEL5;YPEL5;YPEL5;YPEL5	0.00777036	0.0268094	0.757506	-1.32012	0.00738725	1.44117	1.44117	0.361084	1.10451	1.10451	0.251961	0.88099	-1.13509	0.214262	1.14848	1.14848
cg19360009	YPEL5;YPEL5;YPEL5;YPEL5	0.0102871	0.136347	0.724197	-1.38084	0.100423	1.43599	1.43599	0.713961	0.928653	-1.07683	0.100309	0.696283	-1.4362	0.0527226	0.642251	-1.55702
cg02111865	YPEL5;YPEL5;YPEL5;YPEL5	0.0225313	0.599065	0.900028	-1.11108	0.0486108	0.639401	-1.56396	0.561162	0.889888	-1.12374	0.00531633	0.482293	-2.07343	0.0181148	0.565628	-1.76795
cg02675010	YPEL5;YPEL5;YPEL5;YPEL5	0.0249816	0.684218	0.804139	-1.24357	0.960256	0.973805	-1.0269	0.168315	2.20273	2.20273	0.32438	0.57997	-1.72423	0.730029	0.831413	-1.20277
cg22841169	YPEL5;YPEL5;YPEL5;YPEL5	0.0306183	0.18909	1.21183	1.21183	0.274764	1.16991	1.16991	0.677742	1.05941	1.05941	0.0136019	1.52442	1.52442	0.601176	1.07555	1.07555
cg11972953	YPEL5;YPEL5;YPEL5;YPEL5	0.0333201	0.00075172	0.0503936	-19.8438	0.838266	0.887397	-1.12689	0.402689	1.64969	1.64969	0.982787	0.987469	-1.01269	0.132521	0.387207	-2.5826
cg22478952	YPEL5;YPEL5;YPEL5;YPEL5	0.0350793	0.280107	0.755098	-1.32433	0.250101	1.35081	1.35081	0.272187	1.33103	1.33103	0.906433	1.02986	1.02986	0.0205373	0.497487	-2.0101
cg24752028	YPEL5;YPEL5;YPEL5;YPEL5;YPEL5;YPEL5; YPEL5;YPEL5	0.00106726	0.121709	0.801699	-1.24735	0.803219	0.967643	-1.03344	0.274533	1.16158	1.16158	0.175344	0.82707	-1.20909	2.95E-05	0.340164	-2.93976
cg22929802	YPEL5;YPEL5;YPEL5;YPEL5;YPEL5;YPEL5; YPEL5;YPEL5	0.0154181	0.680763	0.903287	-1.10707	?	?	?	0.00402078	2.70833	2.70833	0.789512	1.06796	1.06796	0.0251403	0.510376	-1.95934
cg05266714	YRDC	8.02E-07	4.60E-05	0.379049	-2.63818	1.32E-05	0.316206	-3.16249	0.00210134	0.579772	-1.72482	0.000198366	0.454889	-2.19834	6.98E-07	0.183352	-5.454
cg26687031	YRDC	0.0486224	0.200925	1.5408	1.5408	0.00283975	0.268455	-3.72502	0.940252	0.976294	-1.02428	0.334319	1.37531	1.37531	0.428219	0.771931	-1.29545
cg10285711	YSK4;YSK4	0.000147551	0.0544964	0.748624	-1.33578	0.621353	1.06831	1.06831	0.133938	1.23925	1.23925	0.0226719	0.696233	-1.4363	0.000324941	2.16239	2.16239
cg05097015	YSK4;YSK4	0.000755742	0.000186803	0.402029	-2.48738	0.000250791	0.417841	-2.39326	0.208854	0.825786	-1.21097	0.0357747	0.702573	-1.42334	0.000739652	0.476888	-2.09693
cg02743218	YSK4;YSK4	0.00392179	0.000419821	0.362096	-2.7617	0.0139566	1.73612	1.73612	0.368265	1.18282	1.18282	0.592847	1.10303	1.10303	0.0883486	0.710623	-1.40722
cg20557909	YSK4;YSK4	0.00583175	0.938132	0.987712	-1.01244	0.739629	1.05456	1.05456	0.00205147	0.500654	-1.99739	0.352127	0.858552	-1.16475	0.000828871	0.448542	-2.22945
cg13767095	YSK4;YSK4	0.0186925	0.0625764	0.695559	-1.43769	0.77293	0.951116	-1.0514	0.122899	0.748597	-1.33583	0.213289	0.796887	-1.25488	0.000592312	0.398939	-2.50665
cg15527554	YSK4;YSK4	0.0287983	0.170412	0.693532	-1.44189	0.927697	1.02301	1.02301	0.336312	0.779969	-1.2821	0.768917	0.928815	-1.07664	0.000638724	0.268677	-3.72195
cg24701966	YTHDC1;YTHDC1	0.00018717	0.000346628	0.39094	-2.55794	0.105697	0.749455	-1.3343	0.000209048	0.363367	-2.75204	0.0931099	0.739735	-1.35184	8.50E-05	0.315861	-3.16595
cg13341941	YTHDC1;YTHDC1	0.000604246	0.0483391	1.40562	1.40562	0.000641759	0.453528	-2.20493	0.000638959	0.453285	-2.20612	0.21322	1.21875	1.21875	0.129575	1.28037	1.28037
cg01804429	YTHDC1;YTHDC1	0.00148959	0.187419	1.56579	1.56579	0.000103177	0.110262	-9.0693	0.882718	0.953729	-1.04852	0.348482	0.733614	-1.36312	0.00117747	0.21706	-4.60703
cg18694877	YTHDC1;YTHDC1	0.00702475	0.0953654	1.71039	1.71039	0.493144	1.22615	1.22615	0.0903805	0.578907	-1.72739	0.789985	1.08133	1.08133	0.119447	0.609601	-1.64042
cg04094193	YTHDC1;YTHDC1	0.0104387	0.0931458	2.56959	2.56959	0.00860234	0.180484	-5.54065	0.482445	0.694374	-1.44015	0.283047	0.565581	-1.76809	0.00656536	0.164666	-6.07289
cg18440774	YTHDC1;YTHDC1	0.0108072	0.00538285	0.152812	-6.54399	0.276174	0.559509	-1.78728	0.323574	0.592934	-1.68653	0.807041	0.882101	-1.13366	0.00308927	0.125453	-7.9711
cg12486486	YTHDC1;YTHDC1	0.0156026	0.014875	2.69707	2.69707	0.170744	0.616848	-1.62114	0.121726	0.573705	-1.74306	0.217379	1.53701	1.53701	0.134923	1.7054	1.7054
cg27196999	YTHDC1;YTHDC1	0.0191131	0.22448	1.99559	1.99559	0.0272328	0.242904	-4.11686	0.165099	0.448513	-2.22959	0.243559	0.516479	-1.93619	0.00347648	0.116765	-8.56424
cg16655724	YTHDC1;YTHDC1	0.0277289	0.851574	0.883733	-1.13156	0.456195	1.64997	1.64997	0.76444	0.820123	-1.21933	0.199269	0.408621	-2.44726	?	?	?
cg04155086	YTHDC1;YTHDC1	0.0420724	0.375018	0.628289	-1.59162	0.00929327	5.38981	5.38981	0.0726186	2.77983	2.77983	0.241459	1.86985	1.86985	0.0683637	0.352889	-2.83375
cg23780961	YTHDC1;YTHDC1	0.0470723	0.136526	1.33922	1.33922	0.502553	1.13191	1.13191	0.809913	1.04486	1.04486	0.500692	0.882971	-1.13254	0.143695	0.751206	-1.33119
cg08094098	YTHDC1;YTHDC1	0.0480805	0.540861	0.862447	-1.15949	0.930784	0.979448	-1.02098	0.667169	1.10895	1.10895	0.702326	1.09614	1.09614	0.00171284	0.342966	-2.91574
cg24145369	YTHDC2	0.000708194	0.0142997	1.64061	1.64061	0.000240485	0.369383	-2.70722	0.0326717	0.663888	-1.50628	0.550394	0.905726	-1.10409	0.642065	0.926154	-1.07973
cg25604984	YTHDC2	0.00273354	0.000136217	0.41729	-2.39642	0.0648202	0.759933	-1.31591	0.111639	1.25781	1.25781	0.399624	0.892126	-1.12092	0.961177	1.00646	1.00646
cg16210979	YTHDC2	0.00479617	0.0356127	0.455814	-2.19388	0.0611781	1.96931	1.96931	0.699781	1.13254	1.13254	0.935659	1.02627	1.02627	0.0333077	0.449754	-2.22344
cg01989731	YTHDC2	0.00586603	0.12061	0.67596	-1.47938	0.00324341	0.392997	-2.54455	0.0160482	0.503803	-1.9849	0.112154	0.668724	-1.49539	0.5549	0.870289	-1.14904
cg07465864	YTHDC2	0.025827	0.00872461	0.389058	-2.57031	0.0186679	0.446901	-2.23763	0.721225	1.10652	1.10652	0.754324	0.915132	-1.09274	0.00676826	0.370978	-2.69558
cg19440326	YTHDC2	0.0408491	0.0308971	0.693544	-1.44187	0.0194371	1.50375	1.50375	0.138228	1.25918	1.25918	0.240386	1.19421	1.19421	0.722869	1.05276	1.05276
cg24035218	YTHDF1	0.000658031	1.43E-05	0.0816405	-12.2488	0.290812	0.737867	-1.35526	0.783025	1.07956	1.07956	0.262294	1.38282	1.38282	?	?	?
cg10605442	YTHDF1	0.000810389	0.988735	1.00182	1.00182	0.0151173	1.46741	1.46741	0.000929594	1.88711	1.88711	0.433277	0.902376	-1.10819	0.327659	1.13861	1.13861
cg17364922	YTHDF1	0.0011052	0.346429	1.09298	1.09298	0.144583	0.866152	-1.15453	0.671882	0.961686	-1.03984	0.0831874	1.19229	1.19229	0.263625	1.11277	1.11277
cg25041371	YTHDF1	0.0161346	0.503295	1.1673	1.1673	0.0613709	0.618758	-1.61614	0.0468438	0.59556	-1.67909	0.436426	1.1982	1.1982	0.693756	0.913811	-1.09432
cg00624976	YTHDF1	0.0253314	0.0107699	0.352135	-2.83982	0.018439	0.394028	-2.53789	0.0377476	0.45611	-2.19245	0.0578933	0.497342	-2.01069	0.00976038	0.344849	-2.89982
cg18478105	YTHDF1	0.0353972	0.0023879	0.518709	-1.92786	0.0216604	0.652137	-1.53342	0.241211	1.20953	1.20953	0.0537616	0.712068	-1.40436	0.382796	0.87042	-1.14887
cg25802399	YTHDF1;YTHDF1	0.0238157	0.0255561	0.690545	-1.44813	0.122469	0.791687	-1.26312	0.195628	0.826125	-1.21047	0.331609	0.869533	-1.15004	0.0265826	0.692928	-1.44315
cg07908197	YTHDF2	0.00154901	0.41495	1.22575	1.22575	0.907414	0.97198	-1.02883	0.636797	1.1232	1.1232	0.28876	1.30867	1.30867	0.429482	0.82118	-1.21776
cg09312767	YTHDF2;YTHDF2	0.00365478	0.0894076	0.788887	-1.26761	0.00105829	0.541668	-1.84615	0.131814	0.813865	-1.2287	0.0466508	0.749426	-1.33436	0.00173094	0.567881	-1.76093
cg02396143	YTHDF2;YTHDF2	0.0377937	0.0751908	0.83566	-1.19666	0.984693	0.998263	-1.00174	0.851745	0.983189	-1.0171	0.547896	1.05665	1.05665	0.951721	1.0055	1.0055
cg03922048	YTHDF3	0.0067363	0.00311853	0.192257	-5.20136	0.11749	0.499828	-2.00069	0.0655936	0.430479	-2.32299	0.379297	0.692186	-1.4447	0.00184457	0.164697	-6.07175
cg20367223	YTHDF3	0.0182568	0.342464	0.864848	-1.15627	0.149534	0.795007	-1.25785	0.353753	1.15217	1.15217	0.983996	0.997027	-1.00298	0.152709	1.25531	1.25531
cg21218059	YTHDF3	0.0410851	0.785404	0.915124	-1.09275	0.218391	0.65657	-1.52307	0.840188	0.936491	-1.06782	0.18316	0.631918	-1.58248	0.000847429	0.195895	-5.10477
cg06948111	YTHDF3	0.0449532	0.171986	0.66677	-1.49977	0.0627495	1.79271	1.79271	0.113378	0.618613	-1.61652	0.665016	0.885639	-1.12913	0.00242299	0.308145	-3.24522
cg03582537	YTHDF3;YTHDF3	0.00420764	0.00224089	0.553716	-1.80598	0.324747	1.15081	1.15081	0.00690301	1.62096	1.62096	0.0156381	0.664076	-1.50585	0.00289415	0.567959	-1.76069
cg12056733	YWHAB;YWHAB	0.00393156	0.00374886	0.290027	-3.44796	0.0220657	0.419638	-2.38301	0.040552	0.473265	-2.11298	0.0926132	0.556895	-1.79567	0.000743225	0.197954	-5.05168
cg22799917	YWHAB;YWHAB	0.03975	0.546574	0.872641	-1.14595	0.401287	1.21145	1.21145	0.00121469	2.87899	2.87899	0.822139	1.05156	1.05156	0.4215	1.20123	1.20123
cg21511991	YWHAB;YWHAB	0.0495337	0.268798	0.790335	-1.26529	0.154841	0.732664	-1.36488	0.0559922	0.642581	-1.55622	0.909916	1.02339	1.02339	0.233803	0.774907	-1.29048
cg15324310	YWHAB;YWHAB;YWHAB;YWHAB	0.00152801	3.72E-05	0.210574	-4.74892	0.618375	1.10373	1.10373	0.00835519	1.93929	1.93929	0.618936	1.10356	1.10356	0.498895	1.14444	1.14444
cg06219337	YWHAE;YWHAE	0.0285969	0.881444	1.0396	1.0396	0.855286	0.953607	-1.04865	0.81545	0.940977	-1.06272	0.0116615	2.271	2.271	0.773287	0.927597	-1.07805
cg12977696	YWHAE;YWHAE;YWHAE	0.000821082	0.736785	0.976548	-1.02401	0.000438015	1.47818	1.47818	0.193406	0.907725	-1.10166	0.0986748	0.880398	-1.13585	0.00051129	0.682697	-1.46478
cg02749789	YWHAE;YWHAE;YWHAE	0.00252642	0.887949	1.02169	1.02169	0.00213976	0.518671	-1.92801	0.00256108	0.529042	-1.89021	0.172149	0.801548	-1.24759	0.00549118	0.573666	-1.74317
cg16256922	YWHAG	0.0013951	0.097968	1.15044	1.15044	0.969726	0.997074	-1.00293	0.00823401	1.29813	1.29813	0.0182919	0.801638	-1.24745	0.484564	1.05637	1.05637
cg10698404	YWHAG	0.0119283	0.0826108	1.6982	1.6982	0.201605	0.689716	-1.44987	0.63899	0.877956	-1.13901	0.0661576	0.566793	-1.76431	0.845846	0.947792	-1.05508
cg01708711	YWHAG	0.0257244	0.927019	1.02686	1.02686	0.376351	1.30043	1.30043	0.0351721	0.491648	-2.03398	0.916037	1.03099	1.03099	0.026699	0.467773	-2.13779
cg00347643	YWHAG	0.0376744	0.57857	0.757045	-1.32093	0.567455	0.750745	-1.33201	0.223533	0.53028	-1.8858	0.775092	1.15269	1.15269	0.0854302	0.389401	-2.56804
cg12730381	YWHAG;YWHAG	0.027662	0.396663	1.11327	1.11327	0.0333129	1.36003	1.36003	0.732549	1.04332	1.04332	0.45996	0.911191	-1.09747	0.647471	1.05857	1.05857
cg01616215	YWHAH;C22orf24	0.00239324	0.95682	0.98834	-1.0118	0.0255595	0.562895	-1.77653	0.162716	0.724119	-1.38099	0.00176608	0.381068	-2.6242	0.0322201	1.72169	1.72169
cg12700033	YWHAH;C22orf24	0.0188046	0.551843	1.07421	1.07421	0.00733374	0.662943	-1.50843	0.161746	0.8372	-1.19446	0.012752	0.692112	-1.44485	0.982043	1.00268	1.00268
cg02315450	YWHAQ	0.00415335	0.223148	0.758946	-1.31762	0.0812592	0.659366	-1.51661	0.00107613	0.353233	-2.831	0.437801	0.8432	-1.18596	0.0014506	0.371031	-2.6952
cg07489553	YWHAQ	0.0098526	0.0122495	0.656786	-1.52257	0.522082	0.9163	-1.09135	0.181836	1.21038	1.21038	0.0217233	1.44947	1.44947	0.11153	1.26303	1.26303
cg05087909	YWHAQ	0.0106742	0.431697	0.888991	-1.12487	0.475632	0.899097	-1.11223	0.0982806	0.766531	-1.30458	0.148462	0.79671	-1.25516	0.0610493	1.3628	1.3628
cg02989351	YWHAQ	0.0446331	0.203206	1.40784	1.40784	0.133622	1.50984	1.50984	0.183808	1.43201	1.43201	0.169012	1.45233	1.45233	0.27197	1.33804	1.33804
cg08522256	YWHAZ	0.0265156	0.0350004	0.527329	-1.89635	0.0102132	0.430179	-2.32461	0.0341866	0.525321	-1.9036	0.952626	0.984643	-1.0156	0.0305184	0.515727	-1.93901
cg27647589	YWHAZ;YWHAZ;YWHAZ;YWHAZ	0.000654842	0.123751	1.19804	1.19804	5.66E-05	2.24917	2.24917	4.58E-05	2.30445	2.30445	0.314907	1.11923	1.11923	0.467723	1.08338	1.08338
cg11327809	YWHAZ;YWHAZ;YWHAZ;YWHAZ	0.00524683	0.0179174	0.78617	-1.27199	0.0739009	1.17848	1.17848	0.22086	1.11085	1.11085	0.200296	0.89531	-1.11693	0.406638	0.933282	-1.07149
cg04253913	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z	0.0140732	0.0643541	0.741747	-1.34817	0.200004	1.21484	1.21484	0.0457453	1.3899	1.3899	0.0018912	0.530998	-1.88325	0.951605	0.991313	-1.00876
cg11631883	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z	0.0163362	0.113924	1.19814	1.19814	0.806459	1.02614	1.02614	0.866278	0.982441	-1.01787	0.51011	1.07275	1.07275	0.260948	0.884054	-1.13115
cg26115851	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z;YWHAZ	4.09E-07	0.000158396	1.27906	1.27906	1.32E-07	13.7872	13.7872	2.13E-05	1.61798	1.61798	?	?	?	9.34E-06	0.530727	-1.88421
cg06776824	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z;YWHAZ	1.72E-06	1.51E-06	0.245987	-4.06525	?	?	?	?	?	?	?	?	?	1.63E-05	0.461691	-2.16595
cg03720887	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z;YWHAZ	0.000883246	0.0815065	0.854468	-1.17032	0.000316088	1.60853	1.60853	0.00328611	1.3858	1.3858	0.0652473	0.844859	-1.18363	0.252954	0.907319	-1.10215
cg11839355	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z;YWHAZ	0.0010984	0.628535	1.0406	1.0406	0.0183076	1.26332	1.26332	0.00126736	1.46809	1.46809	0.598655	0.957569	-1.04431	0.282589	1.09543	1.09543
cg06692871	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z;YWHAZ	0.0140122	0.103667	0.587947	-1.70083	0.169671	1.5474	1.5474	0.238816	1.44512	1.44512	0.776692	1.08857	1.08857	0.67988	0.883529	-1.13183
cg04962480	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z;YWHAZ	0.0424875	0.120913	0.577205	-1.73249	0.0932373	1.82821	1.82821	0.525829	1.23373	1.23373	0.527795	1.23247	1.23247	0.131108	0.587056	-1.70342
cg08858370	YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA Z;YWHAZ;YWHAZ	0.0103717	0.080837	0.750975	-1.3316	0.362024	0.87058	-1.14866	0.454485	0.893418	-1.1193	0.872603	1.02402	1.02402	0.0641695	1.36028	1.36028
cg01241986	YY1	0.000319376	0.0304008	0.537149	-1.86168	0.115257	1.51929	1.51929	0.0826139	0.625297	-1.59924	0.0121553	2.14546	2.14546	0.00463321	2.50931	2.50931
cg15389293	YY1	0.000753479	0.241049	0.863764	-1.15772	0.107548	0.810919	-1.23317	0.62378	1.06077	1.06077	0.714066	0.957036	-1.04489	0.42486	0.907328	-1.10214
cg23345038	YY1	0.00302725	0.623845	0.958557	-1.04323	0.000192052	1.71233	1.71233	0.0204113	1.27036	1.27036	0.0322146	1.23961	1.23961	0.262431	1.10524	1.10524
cg15067018	YY1	0.00344089	0.154924	0.766522	-1.30459	0.527531	1.1183	1.1183	0.487776	1.13103	1.13103	0.000244099	0.346756	-2.88387	0.517823	1.12134	1.12134
cg01672820	YY1	0.00904006	0.00226332	0.561159	-1.78203	0.713129	0.951287	-1.05121	0.916613	0.985936	-1.01426	0.0886785	0.775714	-1.28914	0.824693	0.970443	-1.03046
cg19043042	YY1	0.0158094	0.0115898	0.816912	-1.22412	0.158811	0.90801	-1.10131	0.87716	0.990138	-1.00996	0.0150791	1.21091	1.21091	0.372757	0.943057	-1.06038
cg14334965	YY1;YY1	0.000103558	0.0198268	0.659924	-1.51533	0.0270834	1.47204	1.47204	0.150917	1.25539	1.25539	0.170009	0.805771	-1.24105	0.00232139	0.533371	-1.87487
cg01953152	YY1AP1;DAP3;DAP3;DAP3;YY1AP1;DAP 3	0.0417575	0.617505	1.1338	1.1338	0.352572	1.26946	1.26946	0.801159	0.938998	-1.06496	0.0614993	0.591325	-1.69112	0.750456	0.923501	-1.08284
cg00061769	YY1AP1;DAP3;DAP3;YY1AP1	0.0311681	0.286453	1.3543	1.3543	0.335607	0.76182	-1.31265	0.229845	1.41226	1.41226	0.0366663	1.94482	1.94482	0.811481	0.93663	-1.06766
cg19360850	YY1AP1;YY1AP1	0.00285623	0.00951878	0.403439	-2.47869	0.0557573	1.82031	1.82031	0.3609	0.771374	-1.29639	0.0263996	0.483057	-2.07015	0.000756292	0.243803	-4.10167
cg16676300	YY1AP1;YY1AP1;DAP3;DAP3	0.00614343	0.00459275	0.136222	-7.34095	0.4961	0.694087	-1.44074	0.000837014	0.0702516	-14.2346	?	?	?	0.294192	0.562773	-1.77692
cg04911728	YY1AP1;YY1AP1;DAP3;DAP3	0.014679	0.291075	0.807232	-1.2388	0.00252864	0.440703	-2.2691	0.696592	0.926267	-1.0796	0.867394	0.967864	-1.0332	0.000624797	0.357602	-2.79641
cg02752934	YY1AP1;YY1AP1;DAP3;DAP3	0.0230242	0.198244	1.16502	1.16502	0.0210274	1.36588	1.36588	0.0430833	1.29882	1.29882	0.333923	0.894089	-1.11846	0.195976	1.16603	1.16603
cg10095967	YY1AP1;YY1AP1;DAP3;DAP3	0.0244857	0.389574	1.19332	1.19332	0.424787	0.849259	-1.1775	0.424604	1.17758	1.17758	0.00681843	2.01904	2.01904	0.321868	1.2277	1.2277
cg01378112	YY2;MBTPS2	9.98E-05	0.99965	1.00006	1.00006	6.84E-05	0.347918	-2.87424	3.28E-05	0.310496	-3.22065	0.0282764	0.686973	-1.45566	0.0130341	0.639808	-1.56297
cg11082630	YY2;MBTPS2	0.000153013	0.0208629	1.44778	1.44778	0.165946	0.821519	-1.21726	0.0170263	0.67898	-1.4728	0.599964	1.07296	1.07296	8.25E-06	0.274003	-3.64959
cg09622432	YY2;MBTPS2	0.000268936	0.209258	0.71227	-1.40396	0.000428815	0.23958	-4.17397	0.000331704	0.226447	-4.41605	0.00297516	0.351717	-2.8432	2.26E-05	0.113434	-8.8157
cg06938654	YY2;MBTPS2	0.00360214	0.74536	0.922797	-1.08366	0.000227976	0.349225	-2.86348	0.000253843	0.351347	-2.84619	0.151538	0.684635	-1.46063	0.000097297	0.299612	-3.33765

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11609007	0.417544	0.794971	-1.25791	2.01E-05	0.0680106	-14.7036	0.0412371	0.514359	-1.94417	0.718263	0.904769	-1.10525	27.0242	24.8319	0.918876	1
cg03183877	0.283194	0.905016	-1.10495	0.289675	1.10337	1.10337	0.371666	0.92118	-1.08556	0.0364095	1.2432	1.2432	5.14774	0.653164	0.112786	1
cg22891520	0.361899	0.922367	-1.08417	0.511119	0.944149	-1.05915	0.216492	0.893915	-1.11867	0.0487267	0.823568	-1.21423	4.14607	0.488247	0.104677	1
cg21123180	0.759614	0.958175	-1.04365	0.564354	0.922085	-1.0845	0.393492	1.1294	1.1294	0.265741	1.17521	1.17521	5.57609	1.7115	0.272831	1
cg08463681	0.920476	0.990363	-1.00973	0.548433	0.942816	-1.06065	0.173765	1.15065	1.15065	0.0288758	1.28384	1.28384	3.75961	0.559895	0.132377	1
cg02094388	0.348366	0.83864	-1.19241	3.19E-05	0.228505	-4.37628	0.369028	0.845219	-1.18313	0.0386089	1.54751	1.54751	17.0534	8.97275	0.467694	1
cg24040043	0.00316105	0.153896	-6.49788	0.00113881	0.108535	-9.21365	0.00482955	0.176444	-5.66753	0.0133085	0.24094	-4.1504	7.94615	27.1002	3.03154	1
cg11829608	0.018826	0.342531	-2.91945	0.000586483	0.135296	-7.39119	0.000863903	0.152146	-6.57265	0.0734574	0.471692	-2.12003	7.47501	16.7822	1.99564	1
cg05398095	0.0129929	0.216896	-4.6105	0.00336043	0.138308	-7.23026	0.00709715	0.178232	-5.61066	0.0499232	0.329995	-3.03035	6.6602	25.9323	3.461	1
cg23921459	0.0501406	0.569871	-1.75478	0.00823759	0.42701	-2.34186	0.00601046	0.404989	-2.4692	0.128789	0.661442	-1.51185	5.99539	6.02025	0.892575	1
cg03523835	0.169627	0.726816	-1.37586	0.0136779	0.514237	-1.94463	0.0025997	0.402543	-2.4842	0.170167	0.727147	-1.37524	4.95781	3.73512	0.669672	1
cg00997931	0.15249	1.33466	1.33466	0.0130769	0.559991	-1.78574	0.0560927	1.50314	1.50314	0.046288	0.65049	-1.5373	4.26106	2.39449	0.499508	1
cg17858100	0.114163	1.41839	1.41839	0.0079878	0.500825	-1.99671	0.175399	0.745959	-1.34056	0.0953419	0.688874	-1.45164	3.43103	2.24793	0.582379	1
cg25594636	0.00539173	0.117421	-8.51633	0.00711807	0.130978	-7.63488	0.0435669	0.25746	-3.8841	0.466952	0.64867	-1.54162	4.12271	22.3241	4.81325	1
cg10725843	0.159565	0.70977	-1.40891	0.0297767	1.79197	1.79197	0.980329	0.994392	-1.00564	0.0577017	0.612941	-1.63148	5.50228	4.53342	0.732369	1
cg13558061	0.328482	0.910573	-1.09821	0.0197171	0.769825	-1.299	0.131243	1.1634	1.1634	0.241099	1.12073	1.12073	4.49163	0.613719	0.121454	1
cg20045040	0.0371004	0.54126	-1.84754	0.0775939	0.608057	-1.64458	0.174926	1.44182	1.44182	0.1177	0.649923	-1.53864	4.27044	4.35024	0.905499	1
cg19872368	0.242156	0.875927	-1.14165	0.000312117	0.531171	-1.88263	0.34234	0.89954	-1.11168	0.0601873	1.25785	1.25785	6.94717	1.28852	0.164865	1
cg03431989	0.054502	0.153224	-6.52637	?	?	?	0.189202	0.311843	-3.20674	?	?	?	9.57746	64.8186	6.76783	1
cg04762765	0.37807	1.12578	1.12578	0.00223604	0.570749	-1.75208	0.450918	0.90427	-1.10586	0.0219132	1.43364	1.43364	4.58482	1.24614	0.241598	1
cg14370448	0.382468	1.29088	1.29088	0.237079	1.42349	1.42349	0.050551	1.8874	1.8874	0.702337	0.896318	-1.11568	3.46178	4.45535	1.14401	1
cg12400121	0.394107	1.40559	1.40559	0.0158925	0.316038	-3.16418	0.378599	1.42239	1.42239	0.294325	0.65427	-1.52842	3.86107	9.30276	2.14167	1
cg09331206	0.130531	0.796078	-1.25616	0.0423501	1.38619	1.38619	0.823076	1.03177	1.03177	0.0916316	1.29616	1.29616	3.40662	1.05241	0.274604	1
cg16348385	0.191637	1.56418	1.56418	0.484512	1.25847	1.25847	0.049445	2.06588	2.06588	0.110148	1.75679	1.75679	6.16257	10.2219	1.4744	1
cg14734340	0.485099	1.3246	1.3246	0.138011	0.531069	-1.88299	0.124635	0.51748	-1.93244	0.118477	0.510891	-1.95736	4.2509	10.5714	2.21055	1
cg10366093	0.738256	0.755252	-1.32406	0.0984241	0.219381	-4.55829	0.0739622	5.29576	5.29576	0.33505	0.435139	-2.29812	4.0879	45.357	9.8626	1
cg03631561	0.702321	0.840638	-1.18957	0.0482425	0.360438	-2.77441	0.394021	0.673898	-1.4839	0.441224	0.701158	-1.42621	3.72843	12.0676	2.87702	1
cg20821170	0.480985	0.83616	-1.19594	0.213327	0.72083	-1.38729	0.0082936	0.430393	-2.32346	0.141518	0.673747	-1.48424	3.39906	3.35903	0.878422	1
cg19743666	0.241948	0.86982	-1.14966	1.13E-05	0.345607	-2.89346	0.0781949	1.24961	1.24961	0.00616593	0.665756	-1.50205	24.9026	5.11453	0.182561	1
cg26855302	0.00151538	0.570029	-1.7543	0.126292	1.2257	1.2257	0.132455	1.2211	1.2211	0.000365991	0.495414	-2.01851	22.7368	5.45138	0.21312	1
cg27613860	0.346739	0.621685	-1.60853	0.734594	1.18167	1.18167	0.94749	1.03284	1.03284	0.946833	1.03326	1.03326	8.66604	33.0299	3.38793	1
cg15064498	0.430031	0.91825	-1.08903	0.00905003	0.703808	-1.42084	0.00446343	1.49411	1.49411	0.978687	1.00283	1.00283	6.4025	1.1367	0.157813	1
cg19360009	0.204387	0.763923	-1.30903	0.0101303	0.520898	-1.91976	0.00318519	2.24748	2.24748	0.0573283	0.649004	-1.54082	5.8573	3.75033	0.569141	1
cg02111865	0.0852554	0.685399	-1.459	0.343452	0.823852	-1.21381	0.997258	1.00068	1.00068	0.00213283	0.424534	-2.35552	4.51677	2.8198	0.554929	1
cg02675010	0.207524	0.48981	-2.04161	?	?	?	0.422355	0.645351	-1.54955	0.000719846	0.0528489	-18.9219	4.90071	19.1622	3.42132	1
cg22841169	0.18411	1.2148	1.2148	0.00756274	0.622177	-1.60726	0.0676176	0.753704	-1.32678	0.520656	1.09408	1.09408	4.0573	1.22554	0.268497	1
cg11972953	0.330029	0.55569	-1.79956	0.198392	0.451803	-2.21335	0.891424	0.923272	-1.0831	0.375519	1.70169	1.70169	3.93637	21.3006	4.80999	1
cg22478952	0.412686	1.23311	1.23311	0.00239346	0.3469	-2.88268	0.746371	1.08458	1.08458	0.983065	1.00532	1.00532	3.86397	3.83065	0.881224	1
cg24752028	0.55556	0.92446	-1.08171	0.000712465	0.507077	-1.97209	0.482728	1.09854	1.09854	0.803969	1.03331	1.03331	11.5511	3.17515	0.244337	1
cg22929802	0.0151264	0.468653	-2.13378	0.240097	1.35569	1.35569	0.087432	1.60118	1.60118	0.930436	1.02168	1.02168	5.86109	4.8749	0.727772	1
cg05266714	0.17056	0.832026	-1.20189	2.30E-08	0.072339	-13.8238	0.867466	0.979175	-1.02127	0.000132407	0.433749	-2.30548	77.5787	19.5081	0.223522	1
cg26687031	0.0816595	0.539248	-1.85443	0.329626	1.37987	1.37987	0.286425	1.42517	1.42517	0.649807	0.863906	-1.15753	3.42424	5.55502	1.44201	1
cg10285711	0.00052551	0.488182	-2.04841	0.708478	1.05111	1.05111	2.14E-05	3.11104	3.11104	0.0564723	1.33187	1.33187	19.9452	5.56337	0.24794	1
cg05097015	0.209248	0.825937	-1.21075	0.00110762	0.499292	-2.00283	0.295803	1.16958	1.16958	0.0234293	0.676224	-1.4788	12.7342	4.21074	0.293922	1
cg02743218	0.11697	0.733886	-1.36261	0.00415325	0.497561	-2.0098	0.455651	1.14803	1.14803	0.958775	1.00944	1.00944	7.89934	4.12951	0.464681	1
cg20557909	0.00123032	0.471068	-2.12283	0.670246	0.934053	-1.0706	0.345195	0.856545	-1.16748	0.308305	0.845396	-1.18288	7.0003	2.81254	0.357132	1
cg13767095	0.789606	1.04742	1.04742	0.447814	1.14341	1.14341	0.274172	0.821098	-1.21788	0.0208383	0.617648	-1.61904	4.81352	2.28781	0.422479	1
cg15527554	0.871154	1.04153	1.04153	0.0218969	0.501894	-1.99245	0.777796	0.931541	-1.07349	0.491129	0.839208	-1.1916	4.14645	4.12617	0.88454	1
cg24701966	1.79E-05	0.239338	-4.17819	0.0111789	0.595187	-1.68014	0.0212238	0.636346	-1.57147	0.00611651	0.557725	-1.793	18.7042	7.8889	0.374908	1
cg13341941	0.00558817	1.73185	1.73185	0.000968114	2.09853	2.09853	0.567025	0.91638	-1.09125	0.185973	1.23569	1.23569	13.5572	4.89042	0.320644	1
cg01804429	0.0116572	0.363591	-2.75035	0.00217093	0.251381	-3.97803	0.0749815	0.529191	-1.88968	0.433326	0.773679	-1.29253	10.5006	17.1293	1.45001	1
cg18694877	0.000392222	0.191126	-5.23216	0.00449396	0.32971	-3.03297	0.918174	0.970347	-1.03056	0.529245	0.829684	-1.20528	6.60784	8.98009	1.208	1
cg04094193	0.0291669	0.268929	-3.71846	0.00169723	0.101184	-9.88299	0.11175	0.412729	-2.42289	0.19186	0.493662	-2.02568	5.82987	24.1042	3.6752	1
cg18440774	0.0397535	0.295579	-3.3832	0.0014799	0.095271	-10.4964	0.924631	0.952649	-1.0497	0.0290134	0.267297	-3.74116	5.76526	23.9969	3.69985	1
cg12486486	0.0533887	2.06843	2.06843	0.00142132	4.61369	4.61369	0.30068	1.42647	1.42647	0.776727	1.09875	1.09875	5.11355	8.88437	1.54437	1
cg27196999	0.0535937	0.305151	-3.27706	0.00349361	0.116983	-8.54827	0.15221	0.435822	-2.29452	0.227455	0.503543	-1.98593	4.77746	22.1864	4.12798	1
cg16655724	0.0867829	0.287037	-3.48387	0.00122242	0.0440749	-22.6887	0.234475	0.439394	-2.27586	0.168674	2.63219	2.63219	4.27399	26.1988	6.12982	1
cg04155086	0.884835	1.07678	1.07678	0.335844	0.602565	-1.65957	0.0277757	3.77203	3.77203	0.833133	1.1137	1.1137	3.61502	14.9173	3.66798	1
cg23780961	0.56482	0.899447	-1.11179	0.00241443	0.463291	-2.15847	0.206318	1.27472	1.27472	0.416037	1.16342	1.16342	3.46641	1.82035	0.466792	1
cg08094098	0.459883	0.83538	-1.19706	0.949813	0.985066	-1.01516	0.065231	1.64012	1.64012	0.378377	1.24115	1.24115	3.43879	3.11205	0.80443	1
cg24145369	0.0244107	1.55195	1.55195	0.000268028	2.66467	2.66467	0.843292	0.968084	-1.03297	0.122508	0.760133	-1.31556	12.9686	5.51647	0.378109	1
cg25604984	0.148122	0.81434	-1.22799	0.0317605	0.716605	-1.39547	0.529968	0.919223	-1.08788	0.00942339	1.546	1.546	8.79725	2.4417	0.246714	1
cg16210979	0.0468752	2.07678	2.07678	0.0563197	0.499471	-2.00212	0.000456166	5.89186	5.89186	0.925555	0.970425	-1.03048	7.43231	12.1458	1.45261	1
cg01989731	0.748685	1.07764	1.07764	0.00169891	2.83721	2.83721	0.250456	1.32229	1.32229	0.265181	1.31013	1.31013	6.98767	5.9889	0.761837	1
cg07465864	0.148855	0.645727	-1.54864	0.0107137	0.404112	-2.47456	0.0748537	0.57092	-1.75156	0.202527	0.683797	-1.46242	4.30811	5.44548	1.12356	1
cg19440326	0.0266443	0.684337	-1.46127	0.81025	0.965865	-1.03534	0.205849	0.824737	-1.21251	0.49552	1.10509	1.10509	3.65471	1.20675	0.293503	1
cg24035218	0.371715	0.775433	-1.2896	0.611483	1.15264	1.15264	0.00390339	0.340486	-2.93698	0.582946	1.16623	1.16623	13.5577	14.6774	1.08259	1
cg10605442	0.000828229	0.523746	-1.90932	0.000860784	0.525804	-1.90185	0.161097	0.825072	-1.21202	0.0122732	0.669849	-1.49287	12.4867	3.26371	0.232334	1
cg17364922	0.0474125	1.23118	1.23118	4.58E-05	0.493501	-2.02634	0.0664538	0.828006	-1.20772	0.00440517	0.705687	-1.41706	11.4369	1.52304	0.118372	1
cg25041371	0.44328	1.19485	1.19485	0.000427503	0.280848	-3.56064	0.579036	0.880176	-1.13614	0.663384	0.905073	-1.10488	5.05687	4.15421	0.73022	1
cg00624976	0.0613363	0.503194	-1.9873	0.0195732	0.39891	-2.50683	0.0153912	0.379543	-2.63475	0.118668	0.575906	-1.7364	4.33731	7.29054	1.49413	1
cg18478105	0.222608	0.819769	-1.21986	0.349848	0.861381	-1.16093	0.98026	1.00384	1.00384	0.599253	1.08569	1.08569	3.85136	1.46656	0.33848	1
cg25802399	0.136943	0.79964	-1.25056	0.00600528	0.605875	-1.65051	0.335125	1.1488	1.1488	0.0539417	1.35711	1.35711	4.4312	1.36697	0.274211	1
cg07908197	0.000142183	0.20134	-4.96673	0.000240301	0.226586	-4.41333	0.76033	1.0776	1.0776	0.0362859	0.551768	-1.81236	10.383	9.81246	0.840048	1
cg09312767	0.470448	0.911223	-1.09743	0.00108484	0.542986	-1.84167	0.00233119	0.583791	-1.71294	0.746313	0.959733	-1.04196	8.06852	2.04868	0.225698	1
cg02396143	0.0657291	1.20578	1.20578	0.0028819	0.689773	-1.44975	0.317425	1.09817	1.09817	0.163591	1.14422	1.14422	3.76061	0.489068	0.1156	1
cg03922048	0.318243	0.656534	-1.52315	0.00129748	0.147899	-6.76137	0.267933	0.624563	-1.60112	0.00473725	0.216486	-4.61924	6.6947	17.6408	2.34226	1
cg20367223	0.00204461	0.524547	-1.90641	0.270283	1.18579	1.18579	0.0157991	1.55115	1.55115	0.255094	1.19291	1.19291	4.85195	1.6936	0.310272	1
cg21218059	0.0427395	0.468599	-2.13402	0.17864	0.628535	-1.591	0.351616	0.73233	-1.3655	0.77935	0.912765	-1.09557	3.64694	6.1	1.48679	1
cg06948111	0.942761	0.980182	-1.02022	0.398384	1.27257	1.27257	0.511488	0.830581	-1.20398	0.806717	0.933948	-1.07072	3.5269	4.34089	1.09404	1
cg03582537	0.399722	0.887738	-1.12646	0.0644979	0.750607	-1.33226	0.0812769	0.765713	-1.30597	0.117173	0.790506	-1.26501	7.73345	2.33689	0.268604	1
cg12056733	0.0867897	0.549757	-1.81899	0.000368102	0.164631	-6.07418	0.234056	0.673961	-1.48377	0.0483678	0.489938	-2.04107	7.89343	12.5074	1.40848	1
cg22799917	0.178464	0.726736	-1.37602	0.225816	0.752769	-1.32843	0.751968	1.07336	1.07336	0.265121	1.29603	1.29603	3.69165	2.91482	0.70184	1
cg21511991	0.0168355	0.551091	-1.81458	0.00303875	0.436208	-2.29248	0.138371	0.721847	-1.38534	0.91413	1.02228	1.02228	3.40021	2.24769	0.587595	1
cg15324310	0.933048	1.01665	1.01665	0.855651	1.03644	1.03644	0.0696511	1.48996	1.48996	0.901913	0.97606	-1.02453	10.4239	6.37635	0.543738	1
cg06219337	0.647735	0.887185	-1.12716	0.087487	0.612098	-1.63372	0.00206029	3.09391	3.09391	0.921593	0.974708	-1.02595	4.15674	4.45733	0.953167	1
cg12977696	0.504397	1.04881	1.04881	0.0467322	0.851989	-1.17372	0.500479	1.04928	1.04928	0.000595554	0.688767	-1.45187	12.4406	0.975047	0.0696675	1
cg02749789	0.225326	1.21389	1.21389	0.00432311	1.78712	1.78712	0.618518	0.926435	-1.07941	0.0183938	0.647018	-1.54555	9.00414	3.30399	0.32617	1
cg16256922	0.196524	1.11118	1.11118	0.000801092	1.47804	1.47804	0.00570648	1.32292	1.32292	0.000220622	1.60826	1.60826	10.7003	1.01007	0.0839081	1
cg10698404	0.000363362	0.207165	-4.82707	0.33545	1.31471	1.31471	0.232684	0.708393	-1.41165	0.141898	0.647251	-1.545	5.58435	6.71162	1.06832	1
cg01708711	0.239724	0.700313	-1.42793	0.00131221	0.258373	-3.87038	0.50871	1.21408	1.21408	0.320606	0.743078	-1.34575	4.31409	5.72095	1.17876	1
cg00347643	0.0426585	0.314247	-3.18221	0.00347686	0.139843	-7.15089	0.135481	2.22135	2.22135	0.0380386	0.303337	-3.29666	3.76496	14.6715	3.46388	1
cg12730381	0.0845416	0.789891	-1.266	0.0632869	0.77244	-1.2946	0.0574465	1.30427	1.30427	0.00583525	1.56243	1.56243	4.20573	1.01794	0.215143	1
cg01616215	0.0124423	0.509808	-1.96152	0.228015	0.76027	-1.31532	0.000427144	0.298802	-3.3467	0.101565	1.47444	1.47444	9.14868	6.79834	0.660529	1
cg12700033	0.0727798	1.26876	1.26876	0.0392647	1.32798	1.32798	0.187079	0.846793	-1.18093	0.118659	0.81755	-1.22317	4.80381	1.07603	0.199106	1
cg02315450	0.183648	0.737883	-1.35523	0.00635468	2.15001	2.15001	0.676383	1.09467	1.09467	0.152174	0.71854	-1.39171	7.76386	5.70966	0.653703	1
cg07489553	0.106939	0.788907	-1.26758	0.00170349	0.546798	-1.82883	0.770755	1.04015	1.04015	0.944528	0.990669	-1.00942	5.93874	1.70721	0.255529	1
cg05087909	0.207663	0.822987	-1.21509	0.000280328	0.418504	-2.38946	0.570079	1.0878	1.0878	0.799122	1.0381	1.0381	5.78825	1.97098	0.302678	1
cg02989351	0.0479718	1.77842	1.77842	0.00197141	3.04527	3.04527	0.0308308	1.90741	1.90741	0.0450077	1.79644	1.79644	3.53634	3.63212	0.912964	1
cg08522256	0.0176135	0.471308	-2.12175	0.082319	0.605722	-1.65092	0.8749	0.95979	-1.04189	0.00772104	0.410052	-2.43871	4.26866	4.58724	0.955229	1
cg27647589	0.0380095	1.29785	1.29785	0.50223	1.0766	1.0766	0.797627	0.972534	-1.02824	0.854358	0.980281	-1.02012	13.2561	2.46641	0.165385	1
cg11327809	0.00191316	1.45832	1.45832	0.00185605	0.684307	-1.46133	0.800715	0.979701	-1.02072	0.15364	0.882374	-1.13331	8.37736	0.853332	0.0792258	1
cg04253913	0.670062	1.06355	1.06355	0.00862661	0.617901	-1.61838	0.429805	0.890606	-1.12283	0.708359	0.947417	-1.0555	5.2908	1.73155	0.290911	1
cg11631883	0.62735	0.949877	-1.05277	0.000392315	0.552233	-1.81083	0.203871	1.15137	1.15137	0.493009	0.929433	-1.07592	5.03601	0.881238	0.155544	1
cg26115851	8.19E-05	0.735696	-1.35926	1.01E-07	0.056859	-17.5874	2.34E-05	0.627151	-1.59451	0.0899035	1.02567	1.02567	23849.3	33.3925	0.000525054	1
cg06776824	1.15E-05	0.430157	-2.32473	2.83E-06	3.31725	3.31725	?	?	?	?	?	?	1317.99	9.04538	0.00686299	1
cg03720887	0.0315468	0.814335	-1.228	0.0403765	0.824587	-1.21273	0.00131881	0.683412	-1.46325	0.525226	1.05384	1.05384	12.1872	1.28068	0.0934081	1
cg11839355	0.107656	0.866475	-1.1541	0.000150839	0.587982	-1.70073	0.0119004	0.773946	-1.29208	0.48502	0.943723	-1.05963	11.457	1.20919	0.0938148	1
cg06692871	0.000328764	0.177048	-5.64818	0.96919	0.988539	-1.01159	0.92799	1.02734	1.02734	0.46244	1.25013	1.25013	5.29837	7.47439	1.25395	1
cg04962480	0.525779	0.810526	-1.23377	0.0021739	0.245243	-4.07758	0.796513	0.919031	-1.0881	0.730903	1.11942	1.11942	3.60187	6.09065	1.50309	1
cg08858370	0.931888	1.01273	1.01273	0.000275452	0.414341	-2.41347	0.977069	0.995757	-1.00426	0.246825	1.19618	1.19618	5.84194	2.02461	0.308058	1
cg01241986	0.11861	1.51253	1.51253	0.0153757	2.06779	2.06779	2.04E-05	0.122079	-8.19142	0.703442	1.09792	1.09792	16.1705	15.2779	0.839823	1
cg15389293	0.00787133	0.665729	-1.50211	2.09E-05	2.78366	2.78366	0.0351751	1.34017	1.34017	0.430047	0.908354	-1.10089	12.745	2.87443	0.200475	1
cg23345038	0.328872	1.09013	1.09013	0.0572206	1.20228	1.20228	0.000497752	1.5945	1.5945	0.161699	1.13651	1.13651	8.5352	0.991267	0.103234	1
cg15067018	0.262542	1.22635	1.22635	0.00233394	0.476008	-2.10081	0.552447	1.11069	1.11069	0.0648058	1.43655	1.43655	8.21556	3.9698	0.429516	1
cg01672820	0.000697777	0.496892	-2.01251	0.0546365	0.744667	-1.34288	0.291853	1.15941	1.15941	0.527873	1.09035	1.09035	6.10377	1.76803	0.257477	1
cg19043042	0.00548081	1.26364	1.26364	0.617875	1.03275	1.03275	0.079321	1.13292	1.13292	0.78088	1.01803	1.01803	5.09123	0.331019	0.0577933	1
cg14334965	7.56E-05	0.346137	-2.88903	0.00216605	1.88885	1.88885	4.68E-05	3.11002	3.11002	0.452899	1.11962	1.11962	21.9344	7.58472	0.30737	1
cg01953152	0.0230238	0.507597	-1.97007	0.00221853	0.343296	-2.91294	0.37041	0.795	-1.25786	0.384394	0.800559	-1.24913	3.6251	3.57165	0.875783	1
cg00061769	0.497223	1.20785	1.20785	0.00176113	0.294964	-3.39025	0.900934	0.966455	-1.03471	0.450229	1.23465	1.23465	4.03165	4.79325	1.05681	1
cg19360850	0.00364234	0.337197	-2.96563	0.0478775	0.535177	-1.86854	0.0631454	1.78181	1.78181	0.0264195	0.48312	-2.06988	8.6837	10.505	1.07532	1
cg16676300	0.0205772	0.229041	-4.36603	?	?	?	0.0076435	0.163354	-6.12169	0.85417	0.907359	-1.1021	7.21631	24.8175	3.93038	1
cg04911728	0.981978	0.995595	-1.00442	0.573301	0.89473	-1.11766	0.96441	1.00876	1.00876	0.844616	1.0391	1.0391	5.21786	3.15726	0.537856	1
cg02752934	0.486895	1.08258	1.08258	0.786328	0.969939	-1.03099	0.291578	1.13081	1.13081	0.000942418	1.74035	1.74035	4.48323	0.895961	0.177642	1
cg10095967	0.192899	1.31814	1.31814	0.335726	0.819562	-1.22016	0.844167	0.961318	-1.04024	0.00383241	0.457782	-2.18445	4.38881	2.79306	0.565693	1
cg01378112	0.193008	1.22107	1.22107	0.00336078	1.78324	1.78324	0.249046	0.839733	-1.19085	0.000112709	0.373983	-2.67392	22.1506	7.37378	0.295905	1
cg11082630	0.0818577	1.29251	1.29251	0.000757679	1.97267	1.97267	0.514118	1.09204	1.09204	0.0154953	0.673576	-1.48461	19.7507	5.53934	0.2493	1
cg09622432	0.405102	0.803819	-1.24406	0.182249	1.43755	1.43755	0.147942	1.48875	1.48875	0.413557	0.807108	-1.23899	16.9491	17.643	0.925282	1
cg06938654	0.353338	0.790207	-1.26549	0.0159075	2.07097	2.07097	[illegible]	[illegible]	-1.06445	0.254185	0.745596	-1.34121	8.31069	7.80229	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5633 vs. N)	Fold-Change(5 vs.5633)	F(Error
cg14532322	YY2,MBTPS2	0.0221579	0.592522	1.12341	0.0048627	2.34658	0.0183206	0.597524	1.67357	0.384691	0.766882	-1.25489	0.03743944	0.475919	-2.1012	0.934959	0.982572	-1.01774	0.935772	1.01751	1.01755	1.16094	1.10473	0.1701	0.729976	-1.36991	4.54282	3.33838	0.653217	1
cg24181662	ZACN		2.31E-07	0.188497	-5.30513	3.22E-08	0.116894	-8.55475	1.57E-06	0.27199	-3.67661	0.62579	1.05426	1.05426	6.23E-09	0.07109644	14.0654	0.000296112	0.530804	-1.88393	6.34E-06	0.338496	-2.95424	0.0792288	0.811034	-1.23299	9.84E-06	0.360112	-2.77691	141.421	25.8777	0.162652	1
cg03882612	ZACN		0.0068808	0.0141084	0.14022	-7.13112	0.00244278	0.0649278	-15.4017	0.0427241	0.220323	-4.53878	0.244452	0.454031	-2.20249	0.0170946	0.151834	-6.58613		0.0272895	0.183829	-5.41984	0.000690454	0.0347699	-28.7605	0.0100333	0.121545	-8.22742	0.110716	0.324014	-3.08629	6.65062	44.2909	5.91971	1
cg26545162	ZACN		0.00833608	0.0052945	0.172472	-5.79804	0.00543793	0.173972	-5.74805	0.0466193	0.363388	-2.9728	0.122992	0.449727	-2.22312	0.0093588	0.206048	-4.83456		0.0264193	0.284038	-3.52605	0.00221699	0.129145	-7.74325	0.00479447	0.166976	-5.98889	0.0955563	0.416649	-2.4001	6.26243	22.677	3.21877	1
cg14651919	ZACN		0.0404108	0.0446498	0.364532	-2.74324	0.0539023	0.384077	-2.60364	0.224508	0.572409	-1.747	0.390313	1.46948	1.46948	0.308199	0.630529	-1.58597		0.0560665	0.388205	-2.57596	0.00366681	0.179444	-5.57278	0.0460306	0.367962	-2.71767	0.845466	1.08907	1.08907	1.66929	11.1114	2.69174	1
cg04568564	ZACN;ZACN		0.0172067	0.230115	-4.94966	0.00125114	0.0917817	-10.8954	0.179623	0.485672	-2.059	0.481825	1.43658	1.43658	0.0212445	0.2458801	-4.06834			0.249624	0.543521	-1.83986	0.01795999	0.232918	-4.29336	0.0279975	0.268361	-3.72633	0.334075	0.604211	-1.65505	0.0888	20.6941	3.61475	1
cg25292638	ZADH2		0.000424002	0.000223624	0.183398	-7.22553	0.000949112	0.347124	-2.88082	0.000680493	0.187955	-5.32041	0.0146877	0.380195	-2.63023	0.82775	1.07268	1.07268		0.00385684	0.285486	-3.50279	0.000183736	0.130636	-7.65487	0.000178013	0.129412	-7.72724	0.0087578	0.341274	-2.9302	14.9577	24.5568	1.45933	1
cg21364719	ZADH2		0.00188417	0.000983135	0.198168	-5.04622	0.00432556	0.479571	-2.08442	0.00207318	0.439496	-2.38381	0.00886291	0.353768	-2.82671	0.320608	0.894014	-1.11855		0.00289981	0.278819	-3.58655	0.000470203	0.180053	-5.55393	0.000107088	0.122144	-8.45634	0.0402929	0.477329	-2.09499	9.80995	15.1202	1.37006	1
cg16064518	ZADH2		0.00352175	0.120817	0.601942	-1.66129	0.310017	1.37293	1.37293	0.26103	1.42428	-1.28428	0.717813	1.96376	-1.26864	-2.11571	0.863714	1.05319	1.05319	0.0814048	0.58334	-1.71512	0.906	0.0351745	0.111413	-8.97554	1.07513	1.63182	1.63182	8.15866	11.7624	1.28152	1
cg16353800	ZADH2		0.00425715	0.0030639	0.138435	-7.78603	0.0666339	0.353148	-2.83168	0.0363897	0.291966	-3.42505	0.0180553	0.23176	-4.2779	0.367627	0.626012	-1.59741		0.00757938	0.175813	-5.68787	0.00045968	0.0613474	-16.3006	0.00271899	0.123029	-8.12818	0.0198325	0.240858	-4.15183	7.70615	31.2635	3.60618	1
cg18370085	ZADH2;TSHZ1		0.0193979	0.0743178	0.820799	-1.21849	0.0242882	0.264935	-3.77441	0.0126458	0.113133	-8.83393	0.0042966	0.0768393	-13.0082	0.184995	0.807317	-1.23886		0.0177178	0.959265	-1.04246	0.31815044	0.160434	-6.23555	0.0168338	0.199438	-5.01459	0.0798838	-1.00925	0.0768079	1.2159	1.2159	0.6133314	0.13891	1
cg08959061	ZAK		0.154939	0.13465	0.679785	-1.47105	0.0400448	0.566746	-1.76446	0.00749392	0.294107	-3.40013	0.183382	0.657627	-1.52062	0.168667	0.703995	-1.42047		0.663768	0.900622	-1.11034	0.584332	1.33763	1.33763	0.0882388	0.0800858	0.628338	-1.59115	5.12542	4.64842	0.806163	1
cg10149837	ZAK		0.0388897	0.0153459	0.103419	-3.00905923	0.462719	-2.16114	0.0265994	0.542921	-1.84192	0.0680465	1.60767	1.60767	0.0199779	0.5307255	-1.42303			0.0451132	0.534596	-1.87057	0.959784	0.991495	-1.00858	0.296835	0.832583	-1.20108	0.104687	0.740518	-1.35041	19.2633	8.75442	0.403965	1
cg09054412	ZAK;ZAK		0.000391775	0.691468	0.973421	-1.02731	0.0546093	1.27987	1.27987	0.00530249	1.43965	1.43965	0.0829421	1.25599	1.25599	0.211361	1.093	1.093		0.441816	0.948413	-1.05439	0.00114208	0.723952	-1.38131	0.00219792	0.748302	-1.33636	0.00121984	1.3766	15.2875	1.10424	0.0642061	1
cg07469815	ZAK;ZAK		0.0143208	0.489008	-2.0972	0.583727	1.87483	-1.1392	0.43645	0.828961	-1.20633	0.172675	0.708029	-1.40879	0.0147988	0.0702428	2.03108			0.249624	0.543521	-1.83986	0.01795999	0.232918	-4.29336	0.0279975	0.268361	-3.72633	0.334075	0.604211	-1.65505	0.0888	20.6941	3.61475	1
cg02904488	ZAK;ZAK		0.00307163	0.0267625	0.64993	-1.51863	0.403032	0.868911	-1.15087	0.000695481	0.427588	-2.3387	0.829943	1.03595	1.03595	0.00165274	0.477381	-2.09476		0.00850551	0.576118	-1.73576	0.28267	1.20118	1.20118	0.936962	0.987096	-1.01307	0.00209124	0.491186	-2.03589	8.49837	5.62889	0.379565	1
cg00471696	ZAK;ZAK		0.000311462	0.00265671	0.402708	-2.48319	0.0605367	0.594911	-1.68161	0.0157596	0.532213	-1.93127	0.00931848	0.485904	-2.05802	0.00502936	0.316742	-3.15715		0.017803	0.532362	-1.87842	0.000666275	0.315884	-3.16213	0.156311	0.717609	-1.39152	0.0178827	0.532692	-1.87726	8.46231	6.43811	0.674085	1
cg07793905	ZAK;ZAK		0.382917	0.847766	-1.17937	0.692691	1.76201	-1.07605	1.07609	0.226188	0.790922	-1.26435	0.751242	1.06046	1.06046	0.00315533	0.344648	2.88454		0.672351	0.924488	-1.08168	0.00896617	1.8469	1.8469	0.0974474	0.0992732	-1.00732	0.183072	1.29964	1.29964	6.36515	3.43424	0.479591	1
cg09021898	ZAK;ZAK		0.00811063	0.577932	0.826746	-1.20956	0.0897606	1.88343	1.88343	0.0387318	2.24843	2.24843	0.000514723	0.15965	-6.26371	0.0665158	0.498326	-2.00672		0.433658	0.76305	-1.31053	0.0647678	0.495538	-2.01801	0.0715843	0.506105	-1.97588	0.934112	1.02838	1.02838	6.31678	11.4625	1.61299	1
cg19565738	ZAK;ZAK		0.0164646	0.214039	0.647473	-1.54446	0.0911178	0.513798	-1.94598	0.0154158	0.163123	-6.1308	0.0211931	-1.00852	0.00866602	0.328972	3.24028			0.0135324	0.362172	-2.76101	0.0523725	0.209845	-4.7651	0.0229836	0.184307	-5.42483	0.0943535	0.412461	-2.42511	1.7471	1.50288	0.859824	1.5547	1
cg01602957	ZAK;ZAK		0.0196005	0.131168	0.727364	-1.37483	0.631442	0.909918	-1.099	0.0303029	0.608132	-1.64441	0.170921	1.32946	1.32946	0.00160903	0.413339	-2.41932		0.246848	0.789733	-1.26683	0.0777639	0.449368	1.46548	0.377716	1.19337	0.419523	0.869155	-1.15073	0.47369	2.86204	0.537068	1
cg24186266	ZAK;ZAK		0.00277018	0.779221	0.93555	-1.06903	0.0765621	0.676476	-1.47857	0.0230858	0.164703	-6.07257	0.0238258	0.164099	1.26282	-1.86763	0.0184029	1.26282		0.0400184	0.82824	-1.20751	0.2159	0.0139078	0.0700457	0.198495	0.780648	-1.28099	0.4206	2.52882	0.867407	0.441939	1
cg11119767	ZAK;ZAK		0.0317863	0.0199004	0.266964	-3.74582	0.305337	0.607285	-1.64667	0.0446492	0.338482	-2.95431	0.0445919	0.338362	-2.95542	0.0151401	0.246033	-4.06449		0.0401844	0.328238	-3.04657	0.025662	0.287812	-3.47449	0.615496	0.788239	-1.26865	0.00669169	0.191489	-5.22224	4.00346	14	3.10842	1
cg09210666	ZAK;ZAK		0.0322424	0.0304418	0.315216	-3.17243	0.0194497	0.277043	-3.60955	0.050363	0.363348	-2.75218	0.00676667	0.203277	-4.91939	0.00584912	0.194441	-5.14295		0.293247	0.60966	-1.64026	0.478131	0.720858	-1.38724	0.134757	0.481021	-2.07891	0.783996	0.882751	-1.13282	0.9831	2.92952	2.90006	1
cg20108116	ZAK;ZAK		0.00377715	0.0102116	0.184882	-5.40913	0.0627506	0.324948	-2.91589	0.000823786	0.0664676	-15.0449	0.0133709	0.192331	-5.19936	0.00231714	0.101325	-8.86919		0.0159584	0.41907	-2.38624	0.106432	0.594739	-1.68141	0.0507649	0.594068	-1.68299	0.0482812	-1.45511	0.75242	1.51765	1.2231	0.805	1
cg21457692	ZAK;ZAK		0.0378175	0.0242536	0.577539	-1.73148	0.188829	0.752353	-1.32916	0.162156	1.3567	1.3567	-1.95676	0.7564B3	-1.32191	0.00602298	0.482055	-2.08223		0.333489	0.81555	-1.22617	0.6691135	1.51543	1.51543	0.698033	0.923404	-1.08295	0.683882	0.919732	-1.08727	3.75975	2.48763	0.58813	1
cg12295700	ZAK;ZAK		0.0488448	0.0158553	0.12461	-4.6093	0.0615691	0.464514	-2.2039	0.0127707	0.335234	-2.98299	0.0161837	0.2338	-4.27735	0.130054	0.552189	-1.81063		0.160189	0.495051	-2.02021	0.0138373	0.185273	-5.39748	0.0158563	0.197218	-5.06953	0.0481355	-1.91164	0.0788352	0.0396	0.0396	0.0313185	0.17728	1
cg09288658	ZAK;ZAK;ZAK		0.028439	0.429282	0.35234	0.243652	1.57829	1.57829	0.0129896	0.31687	0.316807	3.16807	0.0310283	0.109414	0.109414	0.238464	0.630101	1.58705		0.666206	0.850149	-1.17626	0.0325163	0.392134	-2.55015	0.0078349	0.67542	3.67542	0.188209	1.68472	1.68472	4.16448	9.23048	1.97002	1
cg18005337	ZAP70		0.00013452	2.72E-05	28.4254	2.21E-05	41.9436	41.9436	0.196122	1.73789	1.73789	0.00339337	5.04072	5.04072	0.000680432	8.15905	8.15905			0.048304	2.49012	2.49012	0.861825	1.07298	1.07298	0.000999999	7.21071	7.21071	0.000823886	1.92222	3.92222	20.4475	52.9386	2.30133	1
cg23418106	ZAP70		0.0161357	0.0123416	0.0993	-10.0754	0.0139594	0.172577	-5.79357	0.0232416	0.129341	-7.73087	-1.2502	-2.49486	1.20954	0.0016556	0.189794	5.31094		0.0238754	0.139553	-7.16731	0.0014564	0.0179578	-55.6703	0.0010354	0.0768588	-13.0119	0.0004178	-2.12195	0.864778	5.03016	0.252082	1
cg27425784	ZAP70		0.0131752	0.00489953	0.545631	-1.83284	0.0055744	0.247511	4.04478	2.0423	2.0423	0.174581	1.04439	1.04439	0.0402	0.0883756	1.13094	2.06372	2.06372	0.720636	0.840908	-1.17772	0.0456938	0.283853	0.83953	0.0017909	0.58757	0.5875	0.0403946	0.94031	5.40644	17.7689	2.92144	1
cg14131536	ZAP70		0.0404748	0.0267202	0.3234	-3.09182	2.2	2.2	2.2	1.15149	2.8604	2.8604	1.38559	1.38559	0.0203149	0.2464364	4.05353			0.288266	0.71574	-1.39722	0.0193631	0.102572	-9.74627	0.0132504	0.0768588	-13.0119	0.0004178	-2.12195	0.864778	5.03016	0.252082	1
cg05772104	ZAP70		0.0403	0.0619861	2.79682	2.79682	0.0785792	2.60159	2.60159	0.797218	0.881604	-1.1343	0.0559758	2.88495	2.88495	0.502863	0.71694	1.39482		0.0775522	0.382836	-2.61208	0.453575	1.45301	1.45301	0.0181065	0.47436	0.47436	0.0263565	0.162892	3.62892	3.67301	13.9325	3.37173	1
cg16851423	ZAP70;ZAP70		0.000116163	0.000947074	0.378028	-2.96009	0.00011369	0.249448	-4.04455	6.56E-05	0.19928	-5.01807	8.24E-05	0.209761	-4.76734	0.000116105	0.22596	-4.42556		0.0167587	0.525807	-1.90184	0.069728	1.56377	1.56377	0.198013	0.741141	-1.34927	0.115781	0.686325	-1.45704	22.6097	16.3314	0.68251	1
cg25138365	ZAP70;ZAP70		0.004029727	0.4699372	1.14675	1.14675	0.0165621	0.647354	-1.54457	0.0130858	0.164703	-6.07257	0.0238258	0.164099	1.26282	-1.86763	0.0184029	1.26282		0.199045	1.2824	1.2824	0.0886	0.0159078	0.0700457	0.198495	0.780648	-1.28099	0.4206	2.52882	0.867407	0.441939	1
cg03103201	ZAP70;ZAP70		0.00102367	0.397262	0.820461	-1.21883	0.0692178	0.628701	-1.59058	0.31181	0.787511	-1.26982	0.00034439	0.268422	-3.72548	0.000242475	0.251054	-3.99753		0.6037343	1.12698	1.12698	0.000158294	0.228815	-4.37034	0.337174	0.797797	-1.25345	0.431077	0.832382	-1.20137	11.6887	9.64857	0.733744	1
cg14247635	ZAP70;ZAP70		0.00153785	0.0195445	0.208955	-4.78603	0.0225633	0.316133	-3.16144	0.0207979	0.443712	-2.25372	0.0147888	0.398533	-2.50963	0.00744209	0.290914	-4.80904		0.0310246	0.489977	-2.0407	0.0381403	0.353146	-2.83118	0.0146455	0.182564	-5.48002	0.0288077	0.0381003	0.35346	-2.82918	0.46245	15.9203	1.34388	1
cg20585358	ZAP70;ZAP70		0.00174323	0.0371065	0.271921	-3.67754	0.0742606	0.342948	-2.91589	0.000823786	0.0664676	-15.0449	0.0133709	0.192331	-5.19936	0.00231714	0.101325	-8.86919		0.0209001	0.224131	-4.46168	9.20E-05	0.0233488	0.422387	0.151872	-1.92726	0.0256794	0.240304	-4.1614	0.103646	46.0074	4.07546	1
cg07682434	ZAP70;ZAP70		0.00594639	0.00471678	0.542024	-1.84494	0.0180163	0.625795	-1.59797	0.00298133	0.514466	-1.94376	0.687407	1.06829	1.06829	0.466687	0.88619	-1.12843		0.745435	1.05458	1.05458	0.00595065	1.798	1.798	0.318706	0.845265	-1.18306	0.0460746	0.688755	-1.4519	6.95841	2.93246	0.374601	1
cg27380787	ZAP70;ZAP70		0.0163354	0.0109836	0.132229	-7.56327	0.0153775	0.214126	-4.67125	0.0227958	0.144909	-6.89975	0.0188241	0.18623	-5.37008	0.0107433	0.199933	-5.00067		0.0310458	0.249468	-4.00944	0.0024802	0.18833	-5.30972	0.0116869	0.208476	-4.7965	0.0233448	0.422387	0.151872	-1.92726	0.0256794	0.240304	-4.1614	0.103646	46.0074	4.07546	1
cg15133814	ZAP70;ZAP70		0.00815962	0.0049434	0.460612	-2.16957	0.0014777	0.364205	-2.74571	0.0373623	0.587451	-1.70227	0.208273	0.746505	-1.33924	0.207078	0.562025	-1.77928		0.105226	0.677227	-1.47661	0.178302	1.33011	1.37011	0.0900836	1.5088	1.5088	0.278071	0.780093	-1.2816	0.5304	4.84077	0.68248	1
cg18555299	ZAP70;ZAP70		0.00790604	0.0204014	0.2511	-3.98145	0.0221417	0.311317	-3.21215	0.0156867	0.168787	-5.92454	0.0224779	0.310794	1.02477	0.205153	0.848499	-1.17789		0.369926	0.788499	-1.2684	0.0427489	0.302857	-3.30102	0.0198844	0.448929	1.08059	-1.01984	0.448929	1.08059	1.10036	0.0396	0.0396	0.0313185	0.17728	1
cg23963997	ZAP70;ZAP70		0.00991891	0.133092	0.79821	-1.2528	0.052502	0.135887	-1.35887	0.111137	0.785535	-1.27302	0.3787552	0.881966	-1.13383	0.0103047	0.637875	-1.56771		0.254188	1.18011	1.18011	0.00184395	1.84977	1.84977	0.458823	0.900402	-1.11062	0.185192	0.822481	-1.21583	5.92603	1.81567	0.272346	1
cg05081446	ZAP70;ZAP70		0.0128438	0.145037	0.645555	-1.54915	0.0156475	0.516621	-1.93597	0.0378584	0.505992	-1.98449	0.489663	0.786328	-1.27173	0.0458777	0.565201	-1.76907		0.161505	0.6434	-1.55406	0.0209253	1.34825	1.34825	0.0778127	0.7741	-1.40557	0.0449686	0.811103	-1.23289	5.41562	2.78713	0.514256	1
cg22677124	ZAP70;ZAP70		0.0172836	0.185948	0.579163	-1.72665	0.00856131	0.37685	1.37685	0.0884951	2.09301	2.09301	0.0131715	0.258295	-3.87205	-1.04552	0.0937798	2.09301		0.0152465	0.310012	-3.22569	0.0330139	0.673627	1.4845	0.0702888	0.937788	-1.06634	0.94204	1.02906	1.02906	2.17466	1			
cg24175522	ZAP70;ZAP70		0.0247385	0.834024	1.03693	1.03693	0.561888	1.10669	1.10669	0.00906996	0.563726	-1.77391	0.325244	1.19194	1.19194	0.693557	0.933838	1.07085		0.0551516	0.686736	-1.45616	0.359995	1.17665	1.17665	0.00669542	0.544458	-1.83669	0.0213923	0.620078	-1.6127	4.37519	2.06934	0.420612	1
cg24200893	ZAP70;ZAP70		0.0247385	0.0123416	0.0993	-10.0754	0.0139594	0.172577	-5.79357	0.0232416	0.129341	-7.73087	-1.2502	-2.49486	1.20954	0.0016556	0.189794	5.31094		0.0238754	0.139553	-7.16731	0.0014564	0.0179578	-55.6703	0.0010354	0.0768588	-13.0119	0.0004178	-2.12195	0.864778	5.03016	0.252082	1
cg24581378	ZAP70;ZAP70		0.0440571	0.503684	0.710714	-1.40704	0.00795142	0.180438	-5.54208	0.714538	0.831222	-1.20305	0.847042	1.10206	1.10206	0.0351396	0.290836	-3.43837		0.007745	0.778863	-1.59086	0.0362781	0.2959754	-3.4042	0.191335	0.498501	-2.00601	0.119829	0.427743	-2.33785	3.55355	14.2515	3.5649	1
cg26950152	ZAP70;ZAP70;ZAP70		0.0030705	0.0138899	0.630751	-1.58546	0.685694	1.06361	1.06361	0.638793	1.07618	1.07618	0.786909	0.962281	-1.04136	0.0123676	0.623645	-1.60348		0.0030648	0.411137	-2.43128	0.0869776	1.655	1.655	0.0499101	1.11107	1.11107	0.0498211	0.900554	1.61889	2.97417	0.923631	1		
cg15299388	ZAR1		5.72E-05	1.97E-05	0.159139	-6.28103	0.883002	1.767666	-1.03341	0.0178102	0.0178102	1.76766	-1.76766	1.76766	1.76766	0.0178102	0.0178102	1.76766		0.0203159	0.744157	-1.34279	0.000175552	0.247506	-4.04031	0.00639068	0.459047	-2.17843	0.000795364	0.109552	0.08953	4.58152	0.58447	0.127769	1
cg07522516	ZAR1		0.000280701	0.945143	0.832428	-1.2013	0.0194274	0.23106	0.23106	0.00572145	0.295982	2.95982	1.87E-05	1.83745	1.83745	0.808841	-1.23634		0.0469847	0.97582	1.07582	0.0811256	0.388439	-2.5678	0.379846	1.30972	1.30972	0.000273165	0.5662	5.9662	16.7515	23.7993	1.26286	1
cg06226630	ZAR1		0.0182202	0.0055324	0.0993	-10.0754	0.0139594	0.172577	-5.79357	0.0232416	0.129341	-7.73087	0.0238258	0.164099	1.26282	-1.86763	0.0184029	1.26282		0.0229968	1.3068	1.3068	0.0238744	0.0027893	0.0700457	0.198495	0.780648	-1.28099	0.4206	2.52882	0.867407	0.441939	1		
cg14720706	ZAR1		0.00681327	0.4599093	0.731257	-1.36751	0.225038	1.69906	1.69906	0.0103235	3.83511	3.83511	0.000787336	8.25631	8.25631	0.297565	0.638133	-1.56707		0.235812	1.67666	1.67666	0.38129	0.688288	-1.45288	0.844215	1.08528	1.08528	0.00257723	5.68666	5.68666	6.67107	18.2826	2.49807	1
cg13096407	ZAR1		0.0103918	0.311006	0.765455	-1.30625	0.0324674	0.174569	-5.72955	0.0154308	0.154208	-6.48425	0.0105855	0.144308	-6.92821	0.0104724	0.0970764	-10.3007		0.0910858	0.289468	2.89468	0.0040944	0.0024802	0.18833	-5.30972	0.0116869	0.208476	-4.7965	0.0233448	0.422387	0.151872	-1.92726	0.0256794	0.240304	-4.1614	0.103646	46.0074	4.07546	1
cg02662828	ZAR1		0.0189418	0.0611435	0.665598	-1.50273	0.0145003	0.28852	2.69084	2.69084	0.0129846	0.353515	4.25071	4.25071	0.0074055	0.844806	8.34799	8.34799		0.0599506	0.174575	5.72687	0.0010098	0.0017526	0.75267	0.0065332	0.205203	23.9753	0.0237953	0.0251601	0.95073	10.9573	4.79203	0.43425	1
cg17953764	ZAR1		0.0208067	0.061067	0.69372	0.69372	0.46792	1.97397	1.97397	0.33748	2.48552	2.48552	0.0131551	0.476841	0.476841	0.0375602	0.22186	0.22186		0.0980013	0.26287	0.26287	0.00115882	80.9582	80.9582	0.00833747	22.295	22.295	0.0294685	10.5992	10.5992	4.64166	62.3243	11.9353	1
cg04567307	ZAR1		0.0450354	0.3194843	0.570424	-1.75335	0.0193156	0.421688	2.42688	2.42688	0.0208228	0.350985	4.46373	4.46373	0.00324632	0.741745	8.98234	8.98234		0.430977	1.67831	1.67831	0.06537	0.97242	-1.02836	0.0756328	0.222003	1.22003	0.00432935	0.615644	4.45983	0.0936876	0.423134	0.425143	1.54956	1
cg10770541	ZAR1		0.0363511	0.160564	0.529099	-1.89	0.641421	0.819398	-1.22041	0.0937899	0.287912	2.18712	0.218742	0.24263	3.11601	0.0311601	0.230231	0.581135	-1.72077	0.420384	1.4185	1.4185	0.0838467	0.447264	-2.25345	0.796789	0.806203	-1.11582	0.0101345	0.96473	3.96473	0.381436	10.8955	2.53906	1
cg00124044	ZAR1		0.0003660004	0.0001469	0.0993	-10.0754	0.0139594	0.172577	-5.79357	0.0232416	0.129341	-7.73087	0.0238258	0.164099	1.26282	-1.86763	0.0184029	1.26282		0.0222817	0.170581	-5.86282	0.0004669	0.258203	-3.87353	0.0100687	0.613513	-1.62994	0.0089618	1.44981	1.44981	0.0174504	0.0768588	-13.0119	0.0004178	-2.12195	0.864778	5.03016	0.252082	1
cg11448807	ZAR1		0.000340704	0.000174669	0.11433	-8.74663	0.316938	0.703066	-1.42234	0.981527	1.00792	1.00792	0.00447333	0.275016	-3.63616	0.000124227	0.102481	-9.75786		0.0166774	0.369637	-2.70536	0.002279	0.233846	-4.27631	0.00345555	0.140748	-7.10488	0.00109937	0.194198	-5.14939	14.8931	27.3525	1.63253	1
cg14932124	ZAR11		0.00282925	0.0845252	0.763255	-1.31018	0.689121	0.215819	1.05859	0.32258	0.865303	-1.15566	0.143073	0.80024	-1.24963	0.0035992	0.572204	1.74763		0.32193	0.865123	-1.1559	0.00323502	0.228717	2.27817	0.0112291	0.638081	-1.5672	0.201313	0.826073	-1.21055	8.70815	2.76499	0.282238	1
cg15536583	ZAR11		0.0073383	0.0043439	0.0773827	0.493971	-2.02441	0.108995	0.279563	-3.57693	0.0178327	0.493971	-2.02441	0.108995	0.279563	-3.57

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03345116	ZBTB16;ZBTB16	0.0144463	0.0373364	3.87011	3.87011	0.00368102	9.01283	9.01283	0.00146205	13.1102	13.1102	0.034689	3.97058	3.97058	0.147936	2.38519	2.38519	0.0215436	4.69219	4.69219	0.0902675	2.84469	2.84469	0.026419	4.36723	4.36723	0.146171	2.39559	2.39559	5.24543	26.0545	4.41519	1
cg11441796	ZBTB16;ZBTB16	0.0145789	0.557107	1.12986	1.12986	0.00740906	0.491989	-2.03256	0.145518	0.725172	-1.37898	0.580441	0.891552	-1.12164	0.00555448	0.472814	-2.115	0.323428	1.2333	1.2333	0.00474084	0.462437	-2.16246	0.416099	1.18636	1.18636	0.0570495	0.642295	-1.55692	5.22964	3.50148	0.595151	1
cg16384885	ZBTB16;ZBTB16	0.0176366	0.0154844	0.765952	-1.30556	0.154643	0.872168	-1.14657	0.608273	0.954648	-1.04751	0.673042	0.962612	-1.03884	0.237998	1.11736	1.11736	0.874431	0.985902	-1.0143	0.000767093	0.632884	-1.58007	0.23027	1.11963	1.11963	0.221064	0.890929	-1.12242	4.90864	0.626624	0.113473	1
cg01914181	ZBTB16;ZBTB16	0.0176767	0.537202	1.08762	1.08762	0.0369665	0.722047	-1.38495	0.285938	1.16064	1.16064	0.201446	0.834152	-1.19882	0.455963	0.90297	-1.10746	0.203234	1.19787	1.19787	0.00127862	1.88015	1.88015	0.243054	0.848563	-1.17846	0.119912	1.25457	1.25457	4.90491	1.4037	0.254384	1
cg10096321	ZBTB16;ZBTB16	0.0408248	0.490516	0.870449	-1.14883	0.0485323	1.56275	1.56275	0.203477	1.30463	1.30463	0.151907	1.35541	1.35541	0.293734	1.24081	1.24081	0.00426799	2.13278	2.13278	0.0111082	1.87897	1.87897	0.522345	0.879456	-1.13707	0.601986	1.10987	1.10987	3.65552	2.27221	0.552519	1
cg10706724	ZBTB16;ZBTB16	0.0415153	0.169738	0.693233	-1.44252	0.306777	0.767165	-1.3035	0.110225	0.646567	-1.54663	0.486465	0.837661	-1.1938	0.602149	0.876551	-1.14084	0.891669	0.96644	-1.03473	0.00228683	2.91053	2.91053	0.169509	1.44284	1.44284	0.619087	1.13377	1.13377	3.63291	3.61081	0.88348	1
cg04628008	ZBTB16;ZBTB16	0.0438449	0.00405603	0.127696	-7.83107	0.796501	1.14779	1.14779	0.465791	1.48572	1.48572	0.288836	1.79912	1.79912	0.501784	0.695152	-1.43853	0.670855	1.2561	1.2561	0.148919	2.28337	2.28337	0.0360825	0.27246	-3.67026	0.236629	1.9375	1.9375	3.55996	16.0408	4.00525	1
cg27051433	ZBTB17	4.56E-07	8.55E-05	0.506377	-1.97482	2.74E-06	5.03371	5.03371	?	?	?	0.000352561	1.60712	1.60712	0.000952981	0.692882	-1.44325	3.03E-05	0.413032	-2.42112	1.46E-07	0.0344907	-28.9933	?	?	?	1.15E-07	0.0279202	-35.8163	2374.02	51.0365	0.0122845	1
cg17445557	ZBTB17	0.000161589	0.180106	0.811548	-1.23221	0.00178779	0.520991	-1.91942	0.024315	0.674519	-1.48254	0.000672343	0.466267	-2.14469	1.19E-05	0.256989	-3.89122	0.0241367	0.674062	-1.48354	0.00101245	2.04487	2.04487	0.0572855	0.72945	-1.3709	0.0242869	0.674447	-1.4827	19.4623	6.63248	0.302921	1
cg04639351	ZBTB17	0.00194904	0.0207108	0.761834	-1.31262	0.0428491	0.796405	-1.25564	0.0550491	1.23671	1.23671	0.292093	1.11266	1.11266	0.0550781	0.808624	-1.23667	0.700131	1.03852	1.03852	0.00100289	1.61122	1.61122	0.000761121	0.607587	-1.64586	0.246615	0.888404	-1.12561	9.71465	1.46757	0.134282	1
cg00529422	ZBTB17	0.0117107	0.168048	0.85869	-1.16456	0.0113199	1.38941	1.38941	0.0526092	1.25671	1.25671	0.367593	0.908487	-1.10073	0.00514723	0.681711	-1.4669	0.182017	1.15823	1.15823	0.0717096	1.23185	1.23185	0.519328	0.934504	-1.07009	0.0558973	0.798841	-1.25181	5.61775	0.95676	0.151387	1
cg00702307	ZBTB17	0.0117279	0.629098	1.07002	1.07002	0.00954167	0.633484	-1.57857	0.193574	0.825883	-1.21083	0.0921016	1.29414	1.29414	0.0682181	0.752799	-1.32838	0.323658	0.867834	-1.15229	0.00191684	1.84223	1.84223	0.194955	1.21003	1.21003	0.967708	1.00565	1.00565	5.61509	1.71977	0.272246	1
cg03515844	ZBTB17	0.0124174	0.458534	0.809626	-1.23514	0.0276124	2.07245	2.07245	0.0169881	0.442901	-2.25784	0.173111	1.50018	1.50018	0.369004	0.772485	-1.29452	0.562896	0.849036	-1.17781	0.00151132	0.278404	-3.59191	0.119242	1.60488	1.60488	0.718721	0.903758	-1.10649	5.51192	6.83355	1.10202	1
cg10713134	ZBTB17	0.0161558	0.0041313	0.424047	-2.35823	0.38539	0.819947	-1.21959	0.0131199	0.503477	-1.98619	0.76641	0.935702	-1.06872	0.00254058	0.392823	-2.54567	0.198638	0.738575	-1.35396	0.042567	0.593993	-1.68352	0.0112103	0.492188	-2.03174	0.252155	0.765787	-1.30585	5.05467	3.98381	0.700574	1
cg07596883	ZBTB17	0.0171726	0.100647	0.564575	-1.77124	0.297739	0.70952	-1.4094	0.0618322	1.95148	1.95148	0.980529	1.00779	1.00779	0.00101023	0.212071	-4.7154	0.590897	1.18828	1.18828	0.341127	0.732093	-1.36595	0.714324	1.12398	1.12398	0.0213193	0.414926	-2.41007	4.95271	7.92744	1.42278	1
cg06996372	ZBTB17	0.0224179	0.662336	1.11801	1.11801	0.0731769	0.602128	-1.66078	0.821824	0.944346	-1.05893	0.365897	0.789906	-1.26597	0.0065125	0.407524	-2.45384	0.00346959	0.365235	-2.73797	0.523359	0.848575	-1.17845	0.0694994	1.67439	1.67439	0.133964	0.663438	-1.5073	4.52461	4.61856	0.907347	1
cg00978570	ZBTB17	0.0259751	0.0159697	0.169752	-5.89094	0.00757583	0.126843	-7.88373	0.310532	0.532191	-1.87902	0.261012	0.494277	-2.02316	0.0157008	0.16865	-5.92944	0.0667581	0.290678	-3.44023	0.015408	0.167436	-5.97244	0.00881522	0.134713	-7.42321	0.142734	0.387907	-2.57794	4.29951	24.6054	5.08696	1
cg07437033	ZBTB17	0.0315041	0.916678	1.00973	1.00973	0.12161	0.856108	-1.16808	0.0122612	1.33484	1.33484	0.0347415	1.2559	1.2559	0.433795	1.07674	1.07674	0.0966086	1.18396	1.18396	0.0167967	0.763276	-1.31014	0.58378	1.05255	1.05255	0.811687	0.978147	-1.02234	4.01624	0.545124	0.120649	1
cg04817113	ZBTB1;ZBTB1	0.000441738	0.655066	0.827198	-1.2089	0.0429779	0.374321	-2.67151	0.914782	1.0462	1.0462	0.51829	0.758579	-1.31826	3.51E-06	0.0100677	-99.328	0.416524	0.70445	-1.41955	0.243092	0.597287	-1.67424	0.466255	0.731383	-1.36727	0.655464	1.20861	1.20861	14.7893	41.6948	2.506	1
cg18712352	ZBTB1;ZBTB1	0.000513921	0.000113088	0.284225	-3.51833	6.18E-05	0.253989	-3.93717	0.298332	0.81873	-1.2214	0.824874	0.959718	-1.04197	0.0639961	0.679632	-1.47138	0.0256878	1.63494	1.63494	0.0211856	0.598049	-1.6721	0.0050131	0.502172	-1.99135	0.107657	0.722007	-1.38503	14.182	7.73081	0.484545	1
cg20295353	ZBTB1;ZBTB1	0.00899559	0.412466	0.651201	-1.53562	0.0115845	0.198731	-5.03194	0.001686	0.100496	-9.95061	0.290014	1.75444	1.75444	0.00534874	0.152896	-6.54038	0.0968656	0.393414	-2.54185	0.0152858	0.217729	-4.59287	0.280959	1.77473	1.77473	0.163555	0.467138	-2.1407	6.11332	25.3709	3.68898	1
cg05219996	ZBTB1;ZBTB25;ZBTB1	0.000424443	0.0126627	0.521817	-1.91638	0.0122172	1.9257	1.9257	0.0439298	0.615094	-1.62577	0.00415956	2.23937	2.23937	0.00369928	2.278	2.278	0.000356072	3.33042	3.33042	0.00659669	2.09661	2.09661	0.003336	0.43236	-2.31289	0.0201344	1.801	1.801	14.9534	10.433	0.620176	1
cg11828669	ZBTB1;ZBTB25;ZBTB1;ZBTB1;ZBTB1	0.00891197	0.285557	0.864153	-1.1572	0.071075	1.30399	1.30399	0.748465	0.958533	-1.04326	0.149705	0.816021	-1.22546	0.556244	1.08149	1.08149	0.00444794	0.606811	-1.64796	0.0821732	0.776082	-1.28852	0.528189	0.919316	-1.08776	0.00165429	1.80888	1.80888	6.13146	1.68273	0.243948	1
cg15641872	ZBTB2	0.000530737	0.320108	0.912818	-1.09551	0.006261	0.728847	-1.37203	0.000179659	0.569422	-1.75617	0.436217	1.07307	1.07307	0.0463254	0.816558	-1.22465	0.2223	0.892364	-1.12062	0.000154957	1.77778	1.77778	0.20378	0.887726	-1.12647	0.0141278	0.764216	-1.30853	14.0558	1.75495	0.110984	1
cg12603453	ZBTB2	0.00226032	0.0410599	0.613952	-1.62879	0.00212707	0.409255	-2.44347	0.000670274	0.340646	-2.9356	0.0954788	0.684538	-1.46084	0.0662991	0.652963	-1.53148	0.490484	0.865072	-1.15597	0.00322249	2.29737	2.29737	0.171751	1.35129	1.35129	0.258512	0.78351	-1.27631	9.30332	6.30985	0.602876	1
cg27270590	ZBTB2	0.00923653	0.00597755	0.669619	-1.49339	0.0999139	0.817741	-1.22288	0.0147749	0.715481	-1.39766	0.711333	1.04236	1.04236	0.195057	0.858163	-1.16528	0.429782	0.913977	-1.09412	0.00267862	1.58921	1.58921	0.188163	0.855872	-1.1684	0.0697701	0.79746	-1.25398	6.06222	1.19588	0.175349	1
cg14306534	ZBTB2	0.0206156	0.592188	0.960218	-1.04143	0.334036	1.07767	1.07767	0.322569	1.07973	1.07973	0.130095	1.1306	1.1306	0.00127214	1.42319	1.42319	0.1167	1.13651	1.13651	0.483941	0.947996	-1.05486	0.502695	1.05239	1.05239	0.00460184	1.32729	1.32729	4.65628	0.415648	0.0793477	1
cg26696162	ZBTB2	0.0213052	0.651161	0.879469	-1.13705	0.0212854	0.457918	-2.1838	0.0727739	0.56847	-1.75911	0.0849082	0.584148	-1.7119	0.00170791	0.282573	-3.53891	0.195742	0.679718	-1.4712	0.236443	1.41913	1.41913	0.251064	1.40269	1.40269	0.11313	0.614754	-1.62667	4.60427	5.80614	1.12092	1
cg24128593	ZBTB2	0.0227043	0.0229457	0.548844	-1.82201	0.84151	1.04514	1.04514	0.92611	1.02066	1.02066	0.194803	0.739034	-1.35312	0.0990367	0.671141	-1.49	0.0012914	0.355583	-2.81228	0.143364	1.41447	1.41447	0.249594	0.766951	-1.30386	0.488763	1.16775	1.16775	4.50489	3.46914	0.684519	1
cg14087768	ZBTB2	0.0390633	0.962315	0.989087	-1.01103	0.081384	0.638496	-1.56618	0.00583339	0.432407	-2.31263	0.195851	0.727839	-1.37393	0.0769713	0.633348	-1.57891	0.302691	0.780392	-1.28141	0.0101788	0.471136	-2.12253	0.374874	1.23556	1.23556	0.0480365	0.59164	-1.69022	3.71537	3.17383	0.759327	1
cg01887138	ZBTB2	0.0398239	0.023494	0.212398	-4.70814	0.0135146	0.17371	-5.75672	0.0909651	0.34435	-2.90403	0.507078	1.47016	1.47016	0.0553453	0.288344	-3.46808	0.256094	0.507245	-1.97143	0.00831187	0.144919	-6.90039	0.890777	0.924347	-1.08185	0.0804901	0.329554	-3.03441	3.68912	19.1542	4.61518	1
cg07144984	ZBTB20	0.00259103	0.000869833	0.234719	-4.26042	0.424733	0.789378	-1.26682	0.00667552	0.360221	-2.77608	0.718494	1.11074	1.11074	0.00146551	0.263774	-3.79113	0.512736	0.824807	-1.2124	0.00243375	0.293988	-3.4015	0.00148262	0.264443	-3.78153	0.0513875	0.525439	-1.90317	8.93739	11.9146	1.185	1
cg04809093	ZBTB20	0.0241144	0.572207	0.909349	-1.09969	0.00708866	0.560304	-1.78474	0.507612	0.894117	-1.11842	0.0846532	0.727946	-1.37373	0.177203	1.26972	1.26972	0.0785765	0.722317	-1.38443	0.0552262	1.43599	1.43599	0.0290125	1.53498	1.53498	0.57407	0.909776	-1.09917	4.41213	1.93714	0.390266	1
cg20784525	ZBTB20	0.030292	0.547414	1.34699	1.34699	0.174681	0.490758	-2.03766	0.635547	1.26291	1.26291	0.16957	0.485972	-2.05773	0.510841	0.721501	-1.386	?	?	?	0.0223946	3.95612	3.95612	0.00590449	6.28117	6.28117	0.049879	3.04995	3.04995	4.55163	14.9613	2.87615	1
cg16323245	ZBTB20;ZBTB20	0.0231151	0.00540873	0.117293	-8.52569	0.00891546	0.142599	-7.01269	0.0167558	0.181043	-5.52354	0.11919	0.371628	-2.69087	0.0333918	0.233353	-4.28535	0.150705	0.405931	-2.46348	0.0206275	0.195558	-5.11356	0.586646	1.379	1.379	0.124273	0.377472	-2.6492	4.47715	24.2965	4.82381	1
cg24146776	ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0156965	0.0186984	0.278785	-3.587	0.0893585	0.431911	-2.31529	0.115725	0.464719	-2.15184	0.20315	1.82593	1.82593	0.00507129	0.190039	-5.26209	0.669707	1.21205	1.21205	0.0149952	0.261773	-3.82011	0.194508	1.84987	1.84987	0.0306417	0.32039	-3.12119	5.10336	16.2359	2.82792	1
cg12335116	ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0223802	0.115153	1.30421	1.30421	0.0112414	0.611136	-1.6363	0.16324	0.793949	-1.25953	0.702429	1.06132	1.06132	0.227392	1.21711	1.21711	0.560036	1.09568	1.09568	0.003169	1.86831	1.86831	0.423494	0.880955	-1.13513	0.370767	1.15315	1.15315	4.52723	1.72372	0.33844	1
cg19717061	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.00671748	0.858056	1.05489	1.05489	0.0663438	0.540793	-1.84914	0.00261762	0.288241	-3.46931	0.491675	0.811811	-1.23181	0.0224198	0.441965	-2.26262	0.225099	0.683634	-1.46277	0.000580495	0.204245	-4.89609	0.158266	1.56872	1.56872	0.0547923	0.521928	-1.91597	6.70052	9.45635	1.25448	1
cg13666648	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0104795	0.0164074	0.450088	-2.22179	0.00295056	0.32923	-3.03739	0.408958	0.794638	-1.25843	0.728198	1.09962	1.09962	0.00192036	0.302556	-3.30517	0.0348255	0.511952	-1.95331	0.0059309	0.375488	-2.6632	0.401003	0.79138	-1.26362	0.33561	0.763184	-1.3103	5.82258	6.83187	1.04297	1
cg04399108	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0138169	0.00304127	0.176266	-5.67326	0.00483165	0.202301	-4.94313	0.0273761	0.327663	-3.05191	0.193277	0.555144	-1.80133	0.00293793	0.174427	-5.73306	0.165833	0.53165	-1.88094	0.0218502	0.308426	-3.24227	0.147244	0.51434	-1.94424	0.323444	0.64663	-1.54648	5.32286	15.4066	2.57282	1
cg14847818	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.015857	0.838245	1.04686	1.04686	0.0131698	1.99097	1.99097	0.569806	0.879252	-1.13733	0.0278393	1.7903	1.7903	0.124713	0.689096	-1.45118	0.0428645	1.68566	1.68566	0.11828	1.46221	1.46221	0.00546078	2.26772	2.26772	0.0142889	1.96774	1.96774	5.08616	4.0432	0.706615	1
cg07165288	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0476445	0.648723	0.828021	-1.2077	0.230173	1.6787	1.6787	0.557922	1.27613	1.27613	0.192423	1.76419	1.76419	0.00742653	0.24199	-4.1324	0.775188	0.888852	-1.12505	0.913216	1.04588	1.04588	0.0112029	3.69795	3.69795	0.58854	0.798728	-1.25199	3.45064	9.25326	2.38365	1
cg26539949	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.00126509	0.00417423	0.323551	-3.0907	0.235048	0.693602	-1.44175	0.305844	0.732227	-1.3657	0.0143165	0.411571	-2.42972	3.57E-05	0.0959881	-10.418	0.00455962	0.329393	-3.03589	0.00260295	0.293415	-3.40814	0.122248	0.611195	-1.63614	0.0220651	0.446185	-2.24122	11.0045	15.0603	1.2165	1
cg09291982	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.00910167	0.715988	1.05802	1.05802	0.000608684	0.442481	-2.25998	0.790382	1.04198	1.04198	0.447389	0.887339	-1.12696	0.0669906	0.728384	-1.3729	0.812714	0.964028	-1.03731	0.00690248	1.71561	1.71561	0.925461	0.98566	-1.01455	0.223068	1.21849	1.21849	6.09062	2.29823	0.335413	1
cg25109663	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0130644	0.00676938	2.79934	2.79934	0.105144	0.594943	-1.68083	0.312674	1.35837	1.35837	0.00419329	3.07979	3.07979	0.111114	0.60108	-1.66367	0.0512118	1.91771	1.91771	0.548821	0.837015	-1.19472	0.855688	0.948009	-1.05484	0.0365759	2.03899	2.03899	5.42139	7.38517	1.21087	1
cg16560495	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0145061	0.256454	0.832197	-1.20164	0.800364	1.04008	1.04008	0.0230442	0.656062	-1.52425	0.0540424	0.7124	-1.40371	0.386009	0.871263	-1.14776	0.452581	1.12599	1.12599	0.000549517	0.435099	-2.29833	0.461673	1.12323	1.12323	0.401986	1.14227	1.14227	5.23829	1.99511	0.338551	1
cg03015144	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0176486	0.714032	0.924905	-1.08119	0.000476898	3.20022	3.20022	0.113832	0.694273	-1.44036	0.635937	1.10644	1.10644	0.174118	1.35889	1.35889	0.957467	1.01138	1.01138	0.476827	1.16583	1.16583	0.17771	0.737998	-1.35502	0.624669	0.900697	-1.11025	4.90753	3.4968	0.633367	1
cg13792714	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0216386	0.114932	1.62111	1.62111	0.0174261	2.26098	2.26098	0.0167654	2.2767	2.2767	0.020913	2.18858	2.18858	0.754214	0.915289	-1.09255	0.132665	0.63301	-1.57975	0.593738	0.85921	-1.16386	0.836826	0.943536	-1.05984	0.00938773	2.52996	2.52996	4.57987	5.76129	1.11819	1
cg06310022	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0399414	0.634434	1.15961	1.15961	0.584284	1.18627	1.18627	0.886815	1.04501	1.04501	0.140039	0.612122	-1.63366	0.00162762	0.24766	-4.0378	0.297667	1.39621	1.39621	0.138421	1.63745	1.63745	0.345724	1.35014	1.35014	0.927346	1.0286	1.0286	3.68513	5.57785	1.34543	1
cg18532105	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0411727	0.10326	0.696786	-1.43516	0.385774	0.835059	-1.19752	0.823423	1.04635	1.04635	0.119883	0.7103	-1.40786	0.506458	1.14643	1.14643	0.0976868	1.44539	1.44539	0.00375455	2.21027	2.21027	0.440081	0.852464	-1.17307	0.292597	0.801434	-1.24776	3.64407	2.37195	0.578585	1
cg02331784	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0489515	0.0263111	0.26506	-3.77274	0.819705	0.891323	-1.12193	0.411522	0.654973	-1.52678	0.460564	0.684822	-1.46023	0.002206	0.115063	-8.69092	0.677881	1.23428	1.23428	0.662662	1.24758	1.24758	0.174109	0.482573	-2.07222	0.0732147	0.365385	-2.73684	3.4155	13.7374	3.57519	1
cg06477487	ZBTB22;DAXX;DAXX;ZBTB22;DAXX;DAXX	0.000659564	0.000162834	0.293113	-3.41165	0.00450565	0.485708	-2.05885	0.810587	0.955235	-1.04686	0.959793	1.00966	1.00966	0.859455	1.03438	1.03438	0.00132522	0.410376	-2.43679	0.00042595	0.345007	-2.89849	0.212858	1.28435	1.28435	0.00133493	0.41081	-2.43422	13.2295	7.62326	0.512206	1
cg26919618	ZBTB22;DAXX;DAXX;ZBTB22;DAXX;DAXX	0.00633037	0.00202482	0.410291	-2.43729	0.281333	0.795216	-1.25752	0.00476986	0.464507	-2.15282	0.688884	1.08585	1.08585	0.0152195	0.543331	-1.8405	0.0719069	0.662882	-1.50856	0.0738411	0.665133	-1.50346	0.0298149	1.68744	1.68744	0.0161916	0.547742	-1.82568	6.8251	4.52703	0.589592	1
cg08255964	ZBTB22;DAXX;DAXX;ZBTB22;DAXX;DAXX	0.0073775	0.00326143	0.421795	-2.37082	0.00174362	0.382645	-2.61339	0.0647953	0.639948	-1.56263	0.192128	0.742935	-1.34601	0.00255282	0.406265	-2.46145	0.0118308	0.508434	-1.96682	0.0300515	0.577419	-1.73185	0.123153	0.698057	-1.43255	0.0112934	0.505149	-1.97961	6.50748	4.77399	0.652104	1
cg10585379	ZBTB22;DAXX;DAXX;ZBTB22;DAXX;DAXX	0.00765222	0.00176103	0.351467	-2.84522	0.031899	0.554311	-1.80404	0.412457	1.21729	1.21729	0.872032	0.96288	-1.03855	0.00835041	0.453439	-2.20537	0.0147445	0.494485	-2.0223	0.00965036	0.463669	-2.15671	0.233404	1.34067	1.34067	0.0415469	0.576116	-1.73576	6.43336	5.61019	0.775153	1
cg23796713	ZBTB22;DAXX;DAXX;ZBTB22;DAXX;DAXX	0.010773	0.00347447	0.244552	-4.08911	0.226749	0.637233	-1.56928	0.797878	1.0954	1.0954	0.0389674	0.428029	-2.33629	0.00171097	0.203965	-4.90279	0.105371	0.533549	-1.87424	0.00471447	0.263631	-3.79317	0.28194	0.672321	-1.48739	0.0247641	0.38712	-2.58318	5.77113	11.523	1.77481	1
cg14096569	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.00259677	0.00554942	1.87823	1.87823	0.00686466	1.8323	1.8323	0.00174087	2.16485	2.16485	0.0289904	1.56097	1.56097	0.11504	1.34506	1.34506	0.00312148	2.01215	2.01215	0.000329109	2.72749	2.72749	0.00498761	1.90197	1.90197	0.0554134	1.45587	1.45587	8.93156	4.2332	0.421298	1
cg04678230	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.00306917	0.186911	0.847593	-1.17981	0.19963	1.17371	1.17371	0.0881861	1.24905	1.24905	0.156578	0.836012	-1.19615	0.0117017	0.68913	-1.45111	0.386075	0.900301	-1.11074	0.000158288	2.14597	2.14597	0.785451	0.968262	-1.03278	0.0863039	1.25105	1.25105	8.50039	1.88089	0.196685	1
cg10134527	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.00411872	0.0164776	3.34635	3.34635	0.00257492	5.59917	5.59917	0.00520628	4.57146	4.57146	0.024132	3.02965	3.02965	0.288766	1.5745	1.5745	0.421016	1.40333	1.40333	0.000904352	7.74148	7.74148	0.00112977	7.20768	7.20768	0.0983354	2.1113	2.1113	7.78352	20.946	2.39207	1
cg07245868	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.00416975	0.0176694	2.31275	2.31275	0.00436952	3.02251	3.02251	0.613878	1.1593	1.1593	0.0152657	2.3762	2.3762	0.0105398	2.54698	2.54698	0.057214	1.86833	1.86833	0.000230689	5.90873	5.90873	0.0227904	2.20717	2.20717	0.0152978	2.37527	2.37527	7.75462	10.367	1.18833	1
cg27168291	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.00947594	0.0414953	2.82358	2.82358	0.00546297	5.02069	5.02069	0.00639485	4.79052	4.79052	0.0438111	2.78184	2.78184	0.880234	1.06884	1.06884	0.521048	1.33271	1.33271	0.00243861	6.43986	6.43986	0.00348462	5.75722	5.75722	0.074684	2.4029	2.4029	6.01305	18.567	2.74469	1
cg24221373	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0113966	0.0140563	3.38767	3.38767	0.00707446	4.05807	4.05807	0.00523759	4.40259	4.40259	0.0898386	2.12228	2.12228	0.0878068	2.13458	2.13458	0.600736	0.808551	-1.23678	0.179974	0.563787	-1.77372	0.00569747	4.30257	4.30257	0.228433	1.66317	1.66317	5.66739	14.5374	2.28009	1
cg08771019	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0121746	0.61009	0.891697	-1.12146	0.0990501	1.49639	1.49639	0.00199093	2.64597	2.64597	0.0853477	1.52794	1.52794	0.283704	0.780173	-1.28177	0.91635	0.976855	-1.02369	0.170563	1.38441	1.38441	0.00158379	2.74782	2.74782	0.107321	1.47958	1.47958	5.54742	4.36458	0.699357	1
cg18144560	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0159353	0.634741	1.1561	1.1561	0.0502734	1.96675	1.96675	0.00301495	3.42969	3.42969	0.072335	1.8364	1.8364	0.450865	0.792282	-1.26218	0.640467	1.15323	1.15323	0.037079	2.08277	2.08277	0.00180168	3.83995	3.83995	0.159028	1.57808	1.57808	5.07783	7.38746	1.2932	1
cg14288848	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0167844	0.164779	2.08964	2.08964	0.00427404	6.69137	6.69137	0.0760674	2.66889	2.66889	0.370217	1.58028	1.58028	0.0349309	3.39504	3.39504	0.189395	1.99637	1.99637	0.00201594	8.72744	8.72744	0.008571	5.29936	5.29936	0.0462317	3.11329	3.11329	4.99073	19.5473	3.48153	1
cg03000593	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0201965	0.911112	0.965657	-1.03556	0.00257458	3.69801	3.69801	0.0216991	2.36889	2.36889	0.0774929	1.84801	1.84801	0.1827	0.642423	-1.55661	0.383679	1.32252	1.32252	0.220542	1.49639	1.49639	0.00746901	2.93842	2.93842	0.188552	1.54646	1.54646	4.68895	7.27248	1.37865	1
cg07895437	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0364846	0.0481516	5.05536	5.05536	0.00312021	18.1788	18.1788	0.0557741	4.73495	4.73495	0.117861	3.38193	3.38193	0.267407	2.29097	2.29097	0.664104	1.3682	1.3682	0.0483499	5.04611	5.04611	0.0114576	9.67867	9.67867	0.0896309	3.82912	3.82912	3.80927	31.0588	7.24753	1
cg14473643	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0380854	0.0845631	3.45872	3.45872	0.0185029	6.41129	6.41129	0.237987	2.23445	2.23445	0.171564	2.57731	2.57731	0.28987	2.04323	2.04323	0.170052	2.58708	2.58708	0.00737164	9.45036	9.45036	0.0055602	10.6886	10.6886	0.0396497	4.69962	4.69962	3.75005	25.1277	5.95611	1
cg17055704	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0403626	0.29685	1.85014	1.85014	0.0274017	4.41211	4.41211	0.44403	1.55876	1.55876	0.479103	1.50575	1.50575	0.491263	1.48838	1.48838	0.0470166	3.6442	3.6442	0.00383589	9.17935	9.17935	0.00954932	6.46973	6.46973	0.0778107	3.04911	3.04911	3.67091	18.813	4.55544	1
cg11917542	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0439066	0.925394	1.01902	1.01902	0.017571	1.78844	1.78844	0.195076	1.31751	1.31751	0.155968	1.35716	1.35716	0.796621	0.949364	-1.05334	0.172531	1.33925	1.33925	0.128468	1.3918	1.3918	0.00193335	2.41744	2.41744	0.16074	1.35181	1.35181	3.55809	2.28121	0.569897	1
cg13027595	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0455112	0.473704	1.20146	1.20146	0.190987	1.41729	1.41729	0.0109937	2.23356	2.23356	0.0799049	1.63142	1.63142	0.0301677	0.526184	-1.90048	0.242569	1.36075	1.36075	0.546232	1.16627	1.16627	0.0287996	1.9144	1.9144	0.34714	1.27613	1.27613	3.51064	3.52734	0.893117	1
cg08421271	ZBTB22;ZBTB22	7.67E-05	0.514471	0.900927	-1.10997	0.21059	1.23146	1.23146	0.0476384	1.42973	1.42973	0.0138543	1.61601	1.61601	0.00034265	0.402567	-2.48406	0.364173	0.863146	-1.15855	4.12E-06	0.185544	-5.38956	0.00207314	1.98244	1.98244	0.816262	1.03742	1.03742	23.7652	9.37518	0.350659	1
cg18956908	ZBTB22;ZBTB22	9.81E-05	0.646545	0.923438	-1.08291	0.0165008	0.603297	-1.65756	0.708595	1.06691	1.06691	7.45E-05	3.46032	3.46032	0.000120071	3.18916	3.18916	1.24E-05	4.89469	4.89469	0.691543	0.933517	-1.07122	0.044387	1.48933	1.48933	0.0263909	1.57493	1.57493	22.2522	10.4882	0.418961	1
cg07219440	ZBTB22;ZBTB22	0.00011966	0.000173242	0.297322	-3.36335	0.307821	1.22239	1.22239	0.00357123	0.471949	-2.11887	0.127975	1.36758	1.36758	2.81E-05	0.208461	-4.79707	0.00153924	0.420296	-2.37928	0.0256329	0.6039	-1.6559	0.12469	1.37192	1.37192	0.000111019	0.274352	-3.64496	21.1011	12.0941	0.509465	1
cg10377270	ZBTB22;ZBTB22	0.000418374	0.627521	0.96384	-1.03752	0.292699	0.921066	-1.0857	0.00226249	1.37962	1.37962	0.00113394	1.43434	1.43434	0.0014813	1.41252	1.41252	0.0353913	1.20265	1.20265	0.690863	1.03057	1.03057	0.409353	0.938421	-1.06562	2.27E-05	1.89475	1.89475	15.013	1.34901	0.0798718	1
cg19205064	ZBTB22;ZBTB22	0.00316833	0.00198234	0.439177	-2.27699	0.0126862	0.557966	-1.79222	0.0123558	0.556179	-1.79798	0.024513	1.65636	1.65636	0.0120645	0.554567	-1.80321	0.00723238	0.520602	-1.92085	0.00604016	0.508905	-1.965	0.074077	0.687348	-1.45487	0.0121016	0.554774	-1.80254	8.42036	4.73084	0.499408	1
cg07741910	ZBTB22;ZBTB22	0.0100146	0.956022	1.01554	1.01554	0.461542	0.810944	-1.23313	0.272472	0.72664	-1.3762	0.0638396	0.558557	-1.79033	0.000219674	0.178761	-5.59405	0.453391	1.23804	1.23804	0.0880834	0.590849	-1.69248	0.417115	1.26091	1.26091	0.0546743	0.543715	-1.8392	5.90786	7.31292	1.10029	1
cg26887212	ZBTB22;ZBTB22	0.012765	0.0899604	0.535584	-1.86712	0.000881945	5.2875	5.2875	0.135779	1.711	1.711	0.115062	1.77261	1.77261	0.0209776	2.52905	2.52905	0.0698855	1.96828	1.96828	0.856885	0.941473	-1.06217	0.108866	1.79355	1.79355	0.403092	0.751367	-1.33091	5.46257	9.65646	1.57133	1
cg06022936	ZBTB22;ZBTB22	0.0147661	0.0133224	0.29943	-3.33968	0.00568506	0.240142	-4.16421	0.0968085	0.488288	-2.04797	0.0502031	0.415617	-2.40606	0.00387264	0.21652	-4.61851	0.499578	0.763741	-1.30934	0.00305034	0.202715	-4.93303	0.266152	0.634029	-1.57722	0.132274	0.527913	-1.89425	5.20767	12.7561	2.17731	1
cg03910375	ZBTB22;ZBTB22	0.0169159	0.0141212	0.536094	-1.86534	0.313725	0.806974	-1.2392	0.361657	0.824477	-1.21289	0.244059	1.28513	1.28513	0.00129384	0.381024	-2.62451	0.887783	1.02949	1.02949	0.010441	0.514989	-1.94179	0.984446	1.00402	1.00402	0.151094	0.728564	-1.37256	4.97773	3.34008	0.596449	1
cg09005548	ZBTB22;ZBTB22	0.0174639	0.00674061	0.45787	-2.18402	0.401861	0.8263	-1.21021	0.530049	0.868092	-1.15195	0.0214831	1.84828	1.84828	0.106131	0.675407	-1.48059	0.14227	0.704125	-1.4202	0.00985338	0.484151	-2.06547	0.112336	1.46877	1.46877	0.450212	0.842742	-1.1866	4.92488	3.85723	0.696189	1
cg13387924	ZBTB22;ZBTB22	0.0181901	0.019473	0.551717	-1.81252	0.878255	0.968236	-1.03281	0.0485372	0.622175	-1.60727	0.609942	0.897318	-1.11443	0.00100333	0.357586	-2.79653	0.879849	1.03237	1.03237	0.196706	1.33299	1.33299	0.241976	1.29419	1.29419	0.498014	0.865142	-1.15588	4.85792	3.41166	0.624255	1
cg13867248	ZBTB22;ZBTB22	0.0253427	0.283834	0.801653	-1.24742	0.0934172	1.44251	1.44251	0.0101948	1.90263	1.90263	0.152277	0.737509	-1.35592	0.150878	0.736631	-1.35753	0.324059	0.816914	-1.22412	0.00875623	0.51529	-1.94065	0.959871	1.01004	1.01004	0.283741	1.24748	1.24748	4.33663	2.70778	0.555019	1
cg14771240	ZBTB22;ZBTB22	0.0261787	0.419731	1.29825	1.29825	0.0199566	0.410956	-2.43335	0.942917	0.977582	-1.02293	0.343682	0.7343	-1.36184	0.00248196	0.264085	-3.78666	0.68298	1.13883	1.13883	0.0227397	0.421808	-2.37075	0.48118	0.797165	-1.25445	0.0311034	0.448835	-2.22799	4.2878	6.80731	1.4112	1
cg16573887	ZBTB22;ZBTB22	0.0318909	0.919819	1.01719	1.01719	0.0184679	0.616525	-1.62199	0.189021	0.790178	-1.26554	0.440603	0.875379	-1.14236	0.661322	0.928108	-1.07746	0.683834	1.07175	1.07175	0.00221278	2.06637	2.06637	0.375397	0.857302	-1.16645	0.539446	0.900193	-1.11087	3.99876	1.81397	0.403228	1
cg24718275	ZBTB22;ZBTB22	0.034194	0.694097	1.06201	1.06201	0.598463	1.08424	1.08424	0.456039	0.890883	-1.12248	0.00374641	0.551198	-1.81423	0.687385	0.940289	-1.0635	0.200805	1.22831	1.22831	0.0240823	1.50601	1.50601	0.0892204	1.33008	1.33008	0.428317	0.884199	-1.13097	3.89983	1.43073	0.326106	1
cg01905172	ZBTB22;ZBTB22	0.0354623	0.116156	1.5714	1.5714	0.0429382	1.85272	1.85272	0.442611	0.812836	-1.23026	0.0454807	1.83529	1.83529	0.00932412	0.417704	-2.39404	0.134025	0.651975	-1.5338	0.691428	0.89978	-1.11138	0.234767	1.3905	1.3905	0.946144	1.01804	1.01804	3.8488	4.2711	0.986421	1
cg04810660	ZBTB22;ZBTB22	0.040983	0.0846313	0.397653	-2.51475	0.0361503	0.307864	-3.24819	0.943549	0.96634	-1.03483	0.865123	1.08567	1.08567	0.00311434	0.141558	-7.06426	0.268411	0.572721	-1.74605	0.016052	0.240542	-4.15728	0.7811	1.14418	1.14418	0.20927	0.52735	-1.89627	3.6503	13.5153	3.29114	1
cg13528178	ZBTB22;ZBTB22;ZBTB22	0.00865463	0.204405	0.870387	-1.14891	0.524818	0.935384	-1.06908	0.0244373	0.757364	-1.32037	0.154492	1.17114	1.17114	0.485063	1.07631	1.07631	0.0539429	0.797091	-1.25456	0.0023102	0.643214	-1.55469	0.00561741	0.686035	-1.45765	0.055967	1.25159	1.25159	6.18864	1.05306	0.151254	1
cg05856399	ZBTB24;ZBTB24	0.0020796	0.74784	0.951496	-1.05098	0.00217183	1.94085	1.94085	0.00453974	1.79099	1.79099	0.898666	1.01983	1.01983	0.106509	1.31215	1.31215	0.0552962	1.39777	1.39777	0.0124449	0.619152	-1.61511	0.0125469	1.6138	1.6138	0.000543339	2.29012	2.29012	9.53279	3.58712	0.334482	1
cg19751276	ZBTB24;ZBTB24	0.00248834	0.000550364	5.15193	5.15193	?	?	?	0.125745	0.621204	-1.60978	0.399164	0.78201	-1.27876	0.00908177	2.65964	2.65964	0.0448499	0.512757	-1.95024	0.0128098	0.403059	-2.48103	0.0611489	0.543203	-1.84093	0.0856665	0.578271	-1.72929	10.931	12.1381	0.97163	1
cg23147373	ZBTB25	0.012803	0.00393597	0.207637	-4.8161	0.0321461	0.361696	-2.76475	0.0679697	0.436776	-2.2895	0.150749	0.535782	-1.86643	0.00388721	0.206909	-4.83304	0.0197216	0.319448	-3.1304	0.00525526	0.225045	-4.44355	0.302815	0.648878	-1.54112	0.0145099	0.295147	-3.38814	5.45727	14.1916	2.31155	1
cg08092393	ZBTB25;ZBTB1;ZBTB1	0.00505351	0.653062	0.94305	-1.06039	0.498311	0.914769	-1.09317	0.0331482	0.724159	-1.38091	0.730444	1.04584	1.04584	0.322184	0.87588	-1.14171	0.26336	0.859761	-1.16311	0.00178614	0.562086	-1.77909	0.00400314	1.6507	1.6507	0.00739656	1.56391	1.56391	7.31478	1.94545	0.236411	1
cg16776006	ZBTB25;ZBTB1;ZBTB1	0.0204849	0.466177	1.22624	1.22624	0.688554	1.11719	1.11719	0.146619	0.651488	-1.53495	0.643632	0.879742	-1.1367	0.786494	1.07753	1.07753	0.542784	1.18463	1.18463	0.000666422	0.238706	-4.18926	0.325893	0.756558	-1.32178	0.0606709	1.789	1.789	4.66638	5.59018	1.06486	1
cg01066357	ZBTB25;ZBTB1;ZBTB1	0.0205273	0.64912	0.932217	-1.07271	0.156925	1.26109	1.26109	0.543292	1.09886	1.09886	0.0852761	1.33846	1.33846	0.00323066	1.85079	1.85079	0.65475	0.933357	-1.0714	0.00658276	1.7172	1.7172	0.0128135	1.6059	1.6059	0.05474	1.39635	1.39635	4.66309	1.73401	0.330541	1
cg13674574	ZBTB25;ZBTB1;ZBTB1	0.0449218	0.454219	0.831786	-1.20223	0.32246	1.28008	1.28008	0.134047	1.47755	1.47755	0.32124	1.28094	1.28094	0.410876	0.816144	-1.22527	0.27351	0.759335	-1.31694	0.00209837	0.351536	-2.84466	0.65272	0.89634	-1.11565	0.317849	1.28332	1.28332	3.52782	3.26128	0.82173	1
cg13654641	ZBTB26	0.00112588	0.000636905	0.189325	-5.28192	0.312637	1.39289	1.39289	0.00204671	0.251897	-3.96987	0.611849	1.17629	1.17629	0.648844	0.864623	-1.15657	0.101775	0.566471	-1.76532	0.944639	1.02228	1.02228	0.696859	1.13226	1.13226	7.71E-05	0.103129	-9.69658	11.3767	18.1387	1.41722	1
cg13436156	ZBTB26	0.0019516	0.562178	0.892433	-1.12053	0.00392431	2.12496	2.12496	0.199961	1.30074	1.30074	0.0342473	0.618965	-1.6156	0.500968	0.875774	-1.14185	0.101796	0.706224	-1.41598	0.000158745	0.285358	-3.50437	0.0507318	1.54077	1.54077	0.349939	1.20544	1.20544	9.71093	5.80002	0.530904	1
cg17896097	ZBTB26	0.00861916	0.132332	0.878096	-1.13883	0.118497	1.14528	1.14528	0.91745	0.991736	-1.00833	0.0178608	0.794181	-1.25916	0.291703	0.916154	-1.09152	0.00596421	0.749947	-1.33343	0.0200026	0.798754	-1.25195	0.81154	0.981062	-1.0193	0.00486289	1.34831	1.34831	6.19668	0.628782	0.0901962	1
cg04948763	ZBTB26	0.0106909	0.00471471	0.201988	-4.95078	0.00604137	0.21702	-4.60788	0.0311292	0.34039	-2.93781	0.477549	0.735186	-1.3602	0.00299713	0.17656	-5.66379	0.0557443	0.39718	-2.51775	0.00775145	0.232979	-4.29223	0.130386	0.498614	-2.00556	0.015422	0.28188	-3.54761	5.78534	16.628	2.55481	1
cg03559942	ZBTB3	2.76E-07	0.0254263	0.762841	-1.31089	0.229156	0.879321	-1.13724	7.26E-07	0.25536	-3.91604	0.00197706	0.640545	-1.56117	3.67E-08	0.135056	-7.40435	6.26E-06	0.357477	-2.79738	8.04E-08	0.163381	-6.12068	1.33E-06	0.283229	-3.53071	0.00583677	0.692217	-1.44463	101.73	16.7337	0.146214	1
cg15906799	ZBTB3	0.0011614	0.400699	0.691659	-1.4458	0.000125798	17.4967	17.4967	0.000178311	15.198	15.198	0.84241	0.918228	-1.08905	0.98755	1.00671	1.00671	0.984636	0.991782	-1.00829	0.153374	1.92553	1.92553	0.00416075	5.18672	5.18672	0.0882021	2.2396	2.2396	11.2765	32.8034	2.58579	1
cg21706343	ZBTB3	0.00276655	0.0191645	0.401302	-2.49189	0.704476	1.12654	1.12654	0.00942226	2.91103	2.91103	0.428977	1.288	1.288	0.493751	1.24318	1.24318	0.0001416	0.105361	-9.49118	0.250466	0.685383	-1.45904	0.403296	1.30759	1.30759	0.159631	1.60705	1.60705	10.351	15.6693	1.17739	1
cg03909529	ZBTB3	0.014888	0.907895	1.01667	1.01667	0.582058	0.923658	-1.08265	0.0235905	1.47138	1.47138	0.578546	1.08347	1.08347	0.0492096	1.37812	1.37812	0.838726	0.971306	-1.02954	0.00158802	0.523291	-1.91098	0.078518	0.756402	-1.32205	0.12731	0.79012	-1.26563	5.19355	1.6788	0.287331	1
cg05451078	ZBTB3	0.0235676	0.595652	1.06325	1.06325	0.0231209	0.732709	-1.3648	0.00552772	0.658659	-1.51824	0.396657	1.1045	1.1045	0.841244	1.02323	1.02323	0.950136	1.00719	1.00719	0.0440307	1.3034	1.3034	0.0284658	1.34458	1.34458	0.833849	0.976233	-1.02435	4.44728	0.923598	0.184602	1
cg18593194	ZBTB32	0.000530945	0.00261834	0.261956	-3.81743	0.000258822	6.90662	6.90662	0.439677	1.28834	1.28834	0.284008	1.43018	1.43018	0.000150524	0.123446	-8.10073	0.0221914	0.414202	-2.41428	0.234902	0.670161	-1.49218	0.238287	1.48748	1.48748	0.332355	0.725071	-1.37917	14.0542	23.0031	1.45488	1
cg03068068	ZBTB32	0.00453894	0.00477613	0.130044	-7.68969	0.00059611	0.0558072	-17.9188	0.0337748	0.259267	-3.85702	0.0333934	0.25827	-3.87191	0.167845	0.449122	-2.22657	0.757653	0.844892	-1.18358	0.000827621	0.0644507	-15.5157	0.810063	0.877112	-1.14011	0.0325286	0.255981	-3.90654	7.55793	35.4965	4.17474	1
cg02314091	ZBTB32	0.00569136	0.0531321	0.597373	-1.674	0.000112847	4.90567	4.90567	0.916361	0.97567	-1.02494	0.262307	1.31528	1.31528	0.938793	0.982155	-1.01817	0.0675816	1.61631	1.61631	0.681713	0.907837	-1.10152	0.859368	1.04246	1.04246	0.349708	1.25321	1.25321	7.05302	6.14118	0.77397	1
cg12497692	ZBTB32	0.00596997	0.986777	1.00174	1.00174	0.0587997	0.799721	-1.25044	0.779556	0.971046	-1.02982	0.1198	1.19331	1.19331	0.000178644	0.514445	-1.94384	0.182688	1.1596	1.1596	0.358729	1.10387	1.10387	0.303329	0.894367	-1.11811	0.17191	1.16448	1.16448	6.94992	1.20687	0.154357	1
cg09231418	ZBTB32	0.0184907	0.0168834	0.169233	-5.90902	0.00668056	0.117114	-8.53872	0.0640252	0.281231	-3.5558	0.322475	0.536388	-1.86432	0.00623682	0.113868	-8.78206	0.0464794	0.249113	-4.01424	0.00492936	0.103323	-9.67837	0.0413584	0.238346	-4.19559	0.480555	0.645952	-1.5481	4.83118	28.4224	5.22943	1
cg08539991	ZBTB32;ZBTB32	0.020733	0.00338982	0.189138	-5.28714	0.0168336	0.295462	-3.38453	0.0329853	0.352614	-2.83596	0.371888	0.681648	-1.46703	0.0184046	0.302545	-3.3053	0.0600509	0.411998	-2.4272	0.00509204	0.212762	-4.70009	0.37624	0.684146	-1.46168	0.215082	0.579553	-1.72547	4.64728	12.8613	2.46	1
cg13916080	ZBTB34	0.0149301	0.0315037	0.432188	-2.31381	0.183691	0.625555	-1.59858	0.200037	0.637474	-1.56869	0.0348132	0.441228	-2.2664	0.0464391	0.468308	-2.13535	0.561889	0.822787	-1.21538	0.002742	0.252854	-3.95485	0.0594042	2.02945	2.02945	0.0117991	0.351381	-2.84592	5.18871	9.09045	1.5573	1
cg13650260	ZBTB34	0.0151031	0.36623	0.720886	-1.38718	0.239421	0.647699	-1.54393	0.0011532	0.185679	-5.38563	0.946469	0.976605	-1.02395	0.00189492	0.211836	-4.72062	0.821776	1.08279	1.08279	0.0363942	0.424201	-2.35737	0.326475	0.699661	-1.42926	0.167959	0.595668	-1.67879	5.16898	10.1754	1.74982	1
cg21612382	ZBTB38	8.84E-05	1.35E-05	0.133809	-7.47334	0.000719181	0.320653	-3.11863	0.00426635	0.429597	-2.32776	0.0228075	0.547686	-1.82586	2.77E-05	0.161287	-6.20011	0.00242912	0.39348	-2.54142	0.136796	0.701753	-1.425	0.166636	0.721904	-1.38523	4.39E-05	0.180432	-5.54226	22.8824	17.6962	0.687425	1
cg07963147	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27063216	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24634593	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04352534	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18504014	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16109546	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19951200	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02936049	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21366321	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17862101	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27288595	ZBTB38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-p-value(1047 vs. N)	Fold-Change(1-p-value(1047 vs. 047 vs. N)	Fold-Change(1-p-value(105 vs. N)	Fold-Change(1-p-value(057 vs. N)	Fold-Change(1-p-value(111 vs. N)	Fold-Change(1-p-value(111 vs. 117 vs. N)	Fold-Change(1-p-value(112 vs. N)	Fold-Change(1-p-value(112 vs. 127 vs. N)	Fold-Change(1-p-value(121 vs. N)	Fold-Change(1-p-value(121 vs. 127 vs. N)	p-value(1347 vs. N)	Fold-Change(1-p-value(347 vs. N)	p-value(1347 vs. 477 vs. N)	Fold-Change(1-p-value(353 vs. N)	Fold-Change(1-p-value(353 vs. 537 vs. N)	p-value(537 vs. N)	Fold-Change(1-p-value(537 vs. 537 vs. N)	Fold-Change(1-p-value(563 vs. N)	Fold-Change(1-p-value(563 vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg05123104	ZBTB39	6.04E-05	0.9381	0.9649	-5.7402	1.0007	0.0007	0.0004	0.3255	1.0707	0.0166	1.2984	0.0007	0.0006	-3.7596	0.0010	0.0010	0.8949	0.3594	0.9422	-2.8364	25.325	26.4341	0.9278	1
cg01943641	ZBTB39	0.000255414	0.000528715	0.406349	-2.46094	0.0110545	0.587639	-1.70172	0.000334312	0.380857	-2.62565	0.0404806	1.47093	1.470905	0.2555	1.21924	1.21924	0.793253	1.04479	1.04479	0.251223	0.818744	-1.22138	0.041206	1.90002	1.90002	0.000103525	0.318046	-3.1442	17.1893	7.57632	0.391785	1
cg05957543	ZBTB39	0.00058028	0.000693534	0.202799	-4.93098	0.2806554	1.41291	1.41291	0.0480548	0.498321	-2.00674	0.396631	1.30676	1.30676	0.05588435	0.329266	-3.03706	0.004022441	0.303887	-3.2907	0.97297	0.988611	-1.0105	0.256186	0.693971	-1.44098	0.0500232	0.502164	-1.99138	7.01104	10.5495	1.33751	1
cg05400252	ZBTB39	0.00258089	0.0565632	0.415126	-4.42998	0.12108	0.500381	-1.99655	0.766732	0.88482	-1.13037	0.0343988	0.75934	0.75934	0.133945	0.514334	-1.94424	0.153731	1.87431	1.87431	0.00548897	0.222711	-4.40013	0.681546	1.18498	1.18498	0.0838673	0.455262	-2.19654	4.35185	11.6623	2.38208	1
cg02360776	ZBTB23;ZBTB3	9.84E-06	1.72E-07	0.0586982	-17.0363	0.0127939	0.580619	-1.7223	0.3365	0.840111	-1.19302	0.81794	0.960273	-1.04137	0.0070724	1.82603	1.82603	0.296932	0.826861	-1.20939	0.0024734	0.476573	-2.09815	0.138383	0.755423	-1.32376	0.00378077	0.243321	2.44331	40.7445	19.9454	0.435133	1
cg09182375	ZBTB40;ZBTB40	5.77E-05	0.5470393	0.82784	0.00712982	1.32452	1.32452	0.0334299	0.222551	1.220251	0.69564	1.03231	0.0161371	1.26885	1.26885	0.0346655	0.7258454	-1.37769	0.00852151	0.762241	-1.31192	0.234687	0.904172	-1.10598	0.599835	1.04374	1.04374	0.14733	1.68867	0.0920704	1
cg05663453	ZBTB40;ZBTB40	0.00928378	0.0757378	0.46995	-2.12789	0.00558551	0.24901	-4.01591	0.0026579	0.204386	-4.8927	0.129043	0.534406	-1.87124	0.0117722	0.300638	-3.32626	0.005682	0.436798	-2.28939	0.00470215	0.238096	-4.19999	0.206516	1.66358	1.66358	0.219692	0.610775	-1.63726	0.05239	13.9886	2.05445	1
cg09193912	ZBTB40;ZBTB40	0.0175235	0.37408	0.82944	-1.2049	0.0206480	0.681961	-1.7832	0.2293257	0.773242	-1.29396	0.2491322	1.27987	1.27987	0.1739091	0.743656	-1.34471	0.029328	0.591803	-1.68947	0.00590987	0.552643	-2.8357	0.4648428	0.851605	-1.17164	0.5244998	1.14084	1.14084	0.91925	3.25171	0.58757	1
cg27579233	ZBTB40;ZBTB40	0.0238709	0.369027	0.540464	-1.85161	0.00128082	0.0434822	-22.9979	0.0171246	0.634657	-1.601	0.781774	0.20373	1.26485	0.2488765	0.447106	-2.23661	0.060551	0.24344	-4.10847	0.0318802	0.186503	-5.36186	0.0488768	0.222708	-4.49019	0.894658	0.915337	-1.09249	4.42766	31.2681	6.27733	1
cg01395650	ZBTB41	0.000103698	0.0725307	0.651836	-1.53413	0.589983	0.890305	-1.12321	0.643117	1.10479	1.10479	0.00268487	2.42581	2.42581	0.187239	0.741897	-1.3479	0.000615131	0.466086	-2.14553	1.82E-06	0.07903322	-12.6531	0.755939	0.935577	-1.06886	0.469038	1.17039	1.17039	21.9265	15.8416	0.642212	1
cg03803932	ZBTB41	0.000326572	?	?	0.0649453	0.74002	0.0007008904	0.27132	-3.68569	0.00197414	0.325514	1.07207	0.0166284	1.472085	2.112862	1.59E-05	0.129327	-7.73235	0.000146095	0.223171	-4.47935	0.0015501	0.236564	-4.22738	0.0239551	0.567629	1.76171	0.0197783	1.854149	-3.43965	16.4697	19.3453	0.688861	1
cg01320641	ZBTB41	0.0010128	0.523919	0.86725	-1.15307	0.00935602	0.26839	2.06839	0.0138988	0.59457	1.95457	0.0283524	0.565118	-1.76954	0.64051	1.10928	1.10928	0.000784417	0.326371	-3.064	0.00048199	0.0029783	0.970025	-1.0309	0.0250793	1.79977	1.79977	11.7242	9.0296	0.684596	1
cg07807169	ZBTB41	0.00247899	0.002357673	0.317144	-4.75171	0.00409457	0.208613	-4.19054	0.0279765	0.388572	-2.62688	0.8199451	0.916981	-1.0885	0.03192171	0.195535	-5.11416	0.108899	0.312856	1.91624	0.00532722	0.255209	-3.91836	0.0459898	0.427312	-2.34126	0.0728153	0.711545	-1.40539	6.4797	14.1994	1.94788	1
cg16109012	ZBTB41	0.00227233	0.229301	0.719099	-3.39063	0.195379	0.699088	-1.43044	0.5513581	1.16958	1.16958	0.517522	0.842388	-1.1871	0.00207938	0.322108	-3.10455	0.653003	1.12558	1.12558	0.547245	1.17489	1.17489	0.543827	1.17423	1.17423	0.00442628	0.395894	-3.52593	4.22942	4.57707	0.961954	1
cg02814525	ZBTB42	0.00274772	0.0541208	1.34198	1.34198	0.0110814	1.9094	1.9094	0.00154089	1.84602	1.84602	0.00026749	2.2367	2.2367	0.0803405	1.57417	1.57417	9.12E-05	2.56208	2.56208	0.399243	1.12314	1.12314	0.00032561	2.18529	2.18529	0.0331274	0.7152	-1.39821	16.85	4.83231	0.254919	1
cg22606968	ZBTB42	0.347452	?	?	0.2260928	-1.38387	0.0373894	0.513631	-1.94692	0.0493281	1.82731	1.82731	0.00019328	3.39894	3.39894	0.433466	0.80672	-1.23959	0.0819441	0.595795	-1.67957	0.0163543	0.454443	-2.20049	0.00380752	4.5671	4.5671	0.222878	1.43115	1.44115	1.92467	1.54364	1.01653	1
cg01236325	ZBTB42	0.00349258	0.4583104	0.746413	-1.33974	0.0458527	0.42543	2.42543	0.16392	1.77715	1.77715	0.203162	1.68204	1.68204	0.572221	0.801776	-1.24723	0.000939414	0.75564	0.75564	0.256171	0.632025	-1.58221	0.000906862	0.82846	0.82846	0.00274749	0.495144	0.49144	8.179	19.4108	2.10956	1
cg01117925	ZBTB42	0.0103316	0.0654403	0.78953	-1.27299	0.0095838	0.681961	-1.46545	0.183443	1.22513	1.22513	0.583731	0.93745	-1.06673	0.886039	1.01679	1.01679	0.410215	0.950675	-1.1033	0.0944228	1.23937	1.23937	0.313551	1.12938	1.12938	0.0156549	0.707615	-1.4132	4.07765	0.878648	0.191819	1
cg09255205	ZBTB42	0.0447186	0.547435	0.948352	-1.17876	0.0684546	1.78635	1.73635	0.00364231	0.8988	0.8988	0.0778789	1.69772	1.69772	0.731267	1.09681	1.09681	0.0154304	2.23199	2.23199	0.0197359	1.32111	1.32111	0.07357	1.7141	1.7141	0.537396	1.18377	1.83781	1.53381	4.08428	1.02735	1
cg20118293	ZBTB43;ZBTB43	6.12E-05	4.46E-06	0.111472	-8.97084	0.0316536	1.68798	1.68798	0.00325395	0.434433	-2.30185	0.0446976	1.61423	1.61423	4.23E-05	0.198232	-5.0446	0.0633095	1.54331	1.54331	0.908515	0.976398	-1.02417	0.705086	1.08221	1.08221	0.841206	1.04256	1.04256	25.2337	17.2534	0.607773	1
cg21251230	ZBTB43;ZBTB43	7.95E-05	8.91E-05	0.280995	-3.72336	0.0405521	1.48656	1.48656	0.00162547	0.558041	-1.79188	0.2468	1.25476	1.25476	1.04E-05	0.170937	-5.85012	0.377508	1.18404	1.18404	0.00011719	0.288567	-3.51721	0.00204153	0.44279	-2.25841	0.51267	0.883004	-1.1325	13.5398	13.0922	0.494377	1
cg14408428	ZBTB43;ZBTB43	0.00947944	0.734385	0.914092	-1.09398	0.9230024	0.974831	-1.02582	0.6618794	0.574316	-1.7412	0.594011	0.867706	-1.15246	3.23E-05	0.118603	-8.43147	0.75392	1.08648	1.08648	0.0873282	0.64519	0.0167209	2.16063	0.0049077	3.75106	2.66591	1.96461	13.1618	0.979346	1
cg13608374	ZBTB43;ZBTB43	0.00159487	0.936044	0.76412	-1.30812	0.0487708	1.24216	1.24216	0.0026466	0.732182	-1.36202	0.1615837	1.19712	1.19712	0.0002361	0.390107	-2.5634	0.010479	0.258148	1.19712	0.0002361	0.390107	-2.5634	0.0459898	0.427312	-2.34126	0.0728153	0.711545	-1.40539	6.4797	14.1994	1.94788	1
cg00975418	ZBTB43;ZBTB43	0.0274622	0.55069	1.1221	1.1221	0.147998	0.743689	-1.34465	0.00377491	0.474364	-2.10809	0.886496	1.02763	1.02763	0.34453	0.830454	-1.20416	0.351112	0.832672	-1.20095	0.00286587	0.457123	-2.18759	0.659887	0.91897	-1.08817	0.0463891	0.647033	-1.54552	4.21646	2.43139	0.512572	1
cg01938570	ZBTB43;ZBTB43	0.0287182	0.004076	0.653082	-1.5312	0.0297694	0.583339	-1.71427	0.0915463	0.676011	-1.47927	0.507353	0.867842	-1.15228	0.00454566	0.450428	-2.22021	0.020568	0.555499	1.80018	0.301055	1.25337	1.25337	0.045529	1.13948	1.13948	0.0607999	0.64056	-1.56113	4.81504	2.91935	0.625215	1
cg24280947	ZBTB43;ZBTB43	0.0240357	0.924003	0.768109	-1.38387	0.0373894	0.513631	-1.94692	0.0493281	1.82731	1.82731	0.00019328	3.39894	3.39894	0.433466	0.80672	-1.23959	0.0819441	0.595795	-1.67957	0.0163543	0.454443	-2.20049	0.00380752	4.5671	4.5671	0.222878	1.43115	1.44115	1.92467	1.54364	1.01653	1
cg06990524	ZBTB44	0.00124917	?	?	?	4.50E-05	0.307058	-3.25672	0.28741	0.844609	-1.18398	0.33188	0.858655	-1.16461	0.492073	0.89881	-1.11258	0.000634248	0.577933	-1.7303	0.0117142	1.55423	1.55423	0.871168	0.97549	-1.02533	0.10871	0.765298	-1.30668	11.3035	3.71989	0.329092	1
cg00746222	ZBTB44	0.00311681	0.000907575	0.353541	-2.82853	0.0108393	0.485574	-2.06259	0.0116483	1.22513	1.22513	0.563731	0.93745	-1.06673	0.886039	1.01679	1.01679	0.115591	0.68877	-1.4517	0.00539249	0.404128	-2.47513	0.0053009	0.44602	-2.24193	0.43581	0.994825	-1.00425	0.68246	0.41	7.5649	0.618156	1
cg02525505	ZBTB44	0.0447186	0.547435	0.948352	-1.17876	0.0684546	1.78635	1.73635	0.00364231	0.8988	0.8988	0.0778789	1.69772	1.69772	0.731267	1.09681	1.09681	0.0154304	2.23199	2.23199	0.0197359	1.32111	1.32111	0.07357	1.7141	1.7141	0.537396	1.18377	1.83781	1.53381	4.08428	1.02735	1
cg20118293	ZBTB43;ZBTB43	6.12E-05	4.46E-06	0.111472	-8.97084	0.0316536	1.68798	1.68798	0.00325395	0.434433	-2.30185	0.0446976	1.61423	1.61423	4.23E-05	0.198232	-5.0446	0.0633095	1.54331	1.54331	0.908515	0.976398	-1.02417	0.705086	1.08221	1.08221	0.841206	1.04256	1.04256	25.2337	17.2534	0.607773	1
cg21251230	ZBTB43;ZBTB43	7.95E-05	8.91E-05	0.280995	-3.72336	0.0405521	1.48656	1.48656	0.00162547	0.558041	-1.79188	0.2468	1.25476	1.25476	1.04E-05	0.170937	-5.85012	0.377508	1.18404	1.18404	0.00011719	0.288567	-3.51721	0.00204153	0.44279	-2.25841	0.51267	0.883004	-1.1325	13.5398	13.0922	0.494377	1
cg14408428	ZBTB43;ZBTB43	0.0109947	0.734385	0.914092	-1.09398	0.9230024	0.974831	-1.02582	0.6618794	0.574316	-1.7412	0.594011	0.867706	-1.15246	3.23E-05	0.118603	-8.43147	0.75392	1.08648	1.08648	0.0873282	0.64519	0.0167209	2.16063	0.0049077	3.75106	2.66591	1.96461	13.1618	0.979346	1
cg13608374	ZBTB43;ZBTB43	0.0159487	0.936044	0.76412	-1.30812	0.0487708	1.24216	1.24216	0.0026466	0.732182	-1.36202	0.1615837	1.19712	1.19712	0.0002361	0.390107	-2.5634	0.010479	0.258148	1.19712	0.0002361	0.390107	-2.5634	0.0459898	0.427312	-2.34126	0.0728153	0.711545	-1.40539	6.4797	14.1994	1.94788	1
cg09975418	ZBTB43;ZBTB43	0.0274622	0.55069	1.1221	1.1221	0.147998	0.743689	-1.34465	0.00377491	0.474364	-2.10809	0.886496	1.02763	1.02763	0.34453	0.830454	-1.20416	0.351112	0.832672	-1.20095	0.00286587	0.457123	-2.18759	0.659887	0.91897	-1.08817	0.0463891	0.647033	-1.54552	4.21646	2.43139	0.512572	1
cg01938570	ZBTB43;ZBTB43	0.0287182	0.004076	0.653082	-1.5312	0.0297694	0.583339	-1.71427	0.0915463	0.676011	-1.47927	0.507353	0.867842	-1.15228	0.00454566	0.450428	-2.22021	0.020568	0.555499	1.80018	0.301055	1.25337	1.25337	0.045529	1.13948	1.13948	0.0607999	0.64056	-1.56113	4.81504	2.91935	0.625215	1
cg24280947	ZBTB43;ZBTB43	0.0240357	0.924003	0.768109	-1.38387	0.0373894	0.513631	-1.94692	0.0493281	1.82731	1.82731	0.00019328	3.39894	3.39894	0.433466	0.80672	-1.23959	0.0819441	0.595795	-1.67957	0.0163543	0.454443	-2.20049	0.00380752	4.5671	4.5671	0.222878	1.43115	1.44115	1.92467	1.54364	1.01653	1
cg06990524	ZBTB44	0.00124917	?	?	?	4.50E-05	0.307058	-3.25672	0.28741	0.844609	-1.18398	0.33188	0.858655	-1.16461	0.492073	0.89881	-1.11258	0.000634248	0.577933	-1.7303	0.0117142	1.55423	1.55423	0.871168	0.97549	-1.02533	0.10871	0.765298	-1.30668	11.3035	3.71989	0.329092	1
cg00746222	ZBTB44	0.00311681	0.000907575	0.353541	-2.82853	0.0108393	0.485574	-2.06259	0.0116483	1.22513	1.22513	0.563731	0.93745	-1.06673	0.886039	1.01679	1.01679	0.115591	0.68877	-1.4517	0.00539249	0.404128	-2.47513	0.0053009	0.44602	-2.24193	0.43581	0.994825	-1.00425	0.68246	0.41	7.5649	0.618156	1
cg22606968	ZBTB42	0.347452	?	?	0.2260928	-1.38387	0.0373894	0.513631	-1.94692	0.0493281	1.82731	1.82731	0.00019328	3.39894	3.39894	0.433466	0.80672	-1.23959	0.0819441	0.595795	-1.67957	0.0163543	0.454443	-2.20049	0.00380752	4.5671	4.5671	0.222878	1.43115	1.44115	1.92467	1.54364	1.01653	1
cg02814525	ZBTB42	0.00274772	0.0541208	1.34198	1.34198	0.0110814	1.9094	1.9094	0.00154089	1.84602	1.84602	0.00026749	2.2367	2.2367	0.0803405	1.57417	1.57417	9.12E-05	2.56208	2.56208	0.399243	1.12314	1.12314	0.00032561	2.18529	2.18529	0.0331274	0.7152	-1.39821	16.85	4.83231	0.254919	1
cg01236325	ZBTB42	0.00349258	0.4583104	0.746413	-1.33974	0.0458527	0.42543	2.42543	0.16392	1.77715	1.77715	0.203162	1.68204	1.68204	0.572221	0.801776	-1.24723	0.000939414	0.75564	0.75564	0.256171	0.632025	-1.58221	0.000906862	0.82846	0.82846	0.00274749	0.495144	0.49144	8.179	19.4108	2.10956	1
cg01117925	ZBTB42	0.0103316	0.0654403	0.78953	-1.27299	0.0095838	0.681961	-1.46545	0.183443	1.22513	1.22513	0.583731	0.93745	-1.06673	0.886039	1.01679	1.01679	0.410215	0.950675	-1.1033	0.0944228	1.23937	1.23937	0.313551	1.12938	1.12938	0.0156549	0.707615	-1.4132	4.07765	0.878648	0.191819	1
cg09255205	ZBTB42	0.0447186	0.547435	0.948352	-1.17876	0.0684546	1.78635	1.73635	0.00364231	0.8988	0.8988	0.0778789	1.69772	1.69772	0.731267	1.09681	1.09681	0.0154304	2.23199	2.23199	0.0197359	1.32111	1.32111	0.07357	1.7141	1.7141	0.537396	1.18377	1.83781	1.53381	4.08428	1.02735	1
cg20118293	ZBTB43;ZBTB43	6.12E-05	4.46E-06	0.111472	-8.97084	0.0316536	1.68798	1.68798	0.00325395	0.434433	-2.30185	0.0446976	1.61423	1.61423	4.23E-05	0.198232	-5.0446	0.0633095	1.54331	1.54331	0.908515	0.976398	-1.02417	0.705086	1.08221	1.08221	0.841206	1.04256	1.04256	25.2337	17.2534	0.607773	1
cg21251230	ZBTB43;ZBTB43	7.95E-05	8.91E-05	0.280995	-3.72336	0.0405521	1.48656	1.48656	0.00162547	0.558041	-1.79188	0.2468	1.25476	1.25476	1.04E-05	0.170937	-5.85012	0.377508	1.18404	1.18404	0.00011719	0.288567	-3.51721	0.00204153	0.44279	-2.25841	0.51267	0.883004	-1.1325	13.5398	13.0922	0.494377	1
cg14408428	ZBTB43;ZBTB43	0.0109947	0.734385	0.914092	-1.09398	0.9230024	0.974831	-1.02582	0.6618794	0.574316	-1.7412	0.594011	0.867706	-1.15246	3.23E-05	0.118603	-8.43147	0.75392	1.08648	1.08648	0.0873282	0.64519	0.0167209	2.16063	0.0049077	3.75106	2.66591	1.96461	13.1618	0.979346	1
cg13608374	ZBTB43;ZBTB43	0.0159487	0.936044	0.76412	-1.30812	0.0487708	1.24216	1.24216	0.0026466	0.732182	-1.36202	0.1615837	1.19712	1.19712	0.0002361	0.390107	-2.5634	0.010479	0.258148	1.19712	0.0002361	0.390107	-2.5634	0.0459898	0.427312	-2.34126	0.0728153	0.711545	-1.40539	6.4797	14.1994	1.94788	1
cg09975418	ZBTB43;ZBTB43	0.0274622	0.55069	1.1221	1.1221	0.147998	0.743689	-1.34465	0.00377491	0.474364	-2.10809	0.886496	1.02763	1.02763	0.34453	0.830454	-1.20416	0.351112	0.832672	-1.20095	0.00286587	0.457123	-2.18759	0.659887	0.91897	-1.08817	0.0463891	0.647033	-1.54552	4.21646	2.43139	0.512572	1
cg01938570	ZBTB43;ZBTB43	0.0287182	0.004076	0.653082	-1.5312	0.0297694	0.583339	-1.71427	0.0915463	0.676011	-1.47927	0.507353	0.867842	-1.15228	0.00454566	0.450428	-2.22021	0.020568	0.555499	1.80018	0.301055	1.25337	1.25337	0.045529	1.13948	1.13948	0.0607999	0.64056	-1.56113	4.81504	2.91935	0.625215	1
cg24280947	ZBTB43;ZBTB43	0.0240357	0.924003	0.768109	-1.38387	0.0373894	0.513631	-1.94692	0.0493281	1.82731	1.82731	0.00019328	3.39894	3.39894	0.433466	0.80672	-1.23959	0.0819441	0.595795	-1.67957	0.0163543	0.454443	-2.20049	0.00380752	4.5671	4.5671	0.222878	1.43115	1.44115	1.92467	1.54364	1.01653	1
cg06990524	ZBTB44	0.00124917	?	?	?	4.50E-05	0.307058	-3.25672	0.28741	0.844609	-1.18398	0.33188	0.858655	-1.16461	0.492073	0.89881	-1.11258	0.000634248	0.577933	-1.7303	0.0117142	1.55423	1.55423	0.871168	0.97549	-1.02533	0.10871	0.765298	-1.30668	11.3035	3.71989	0.329092	1
cg00746222	ZBTB44	0.00311681	0.000907575	0.353541	-2.82853	0.0108393	0.485574	-2.06259	0.0116483	1.22513	1.22513	0.563731	0.93745	-1.06673	0.886039	1.01679	1.01679	0.115591	0.68877	-1.4517	0.00539249	0.404128	-2.47513	0.0053009	0.44602	-2.24193	0.43581	0.994825	-1.00425	0.68246	0.41	7.5649	0.618156	1
cg22606968	ZBTB42	0.347452	?	?	0.2260928	-1.38387	0.0373894	0.513631	-1.94692	0.0493281	1.82731	1.82731	0.00019328	3.39894	3.39894	0.433466	0.80672	-1.23959	0.0819441	0.595795	-1.67957	0.0163543	0.454443	-2.20049	0.00380752	4.5671	4.5671	0.222878	1.43115	1.44115	1.92467	1.54364	1.01653	1
cg02814525	ZBTB42	0.00274772	0.0541208	1.34198	1.34198	0.0110814	1.9094	1.9094	0.00154089	1.84602	1.84602	0.00026749	2.2367	2.2367	0.0803405	1.57417	1.57417	9.12E-05	2.56208	2.56208	0.399243	1.12314	1.12314	0.00032561	2.18529	2.18529	0.0331274	0.7152	-1.39821	16.85	4.83231	0.254919	1
cg01236325	ZBTB42	0.00349258	0.4583104	0.746413	-1.33974	0.0458527	0.42543	2.42543	0.16392	1.77715	1.77715	0.203162	1.68204	1.68204	0.572221	0.801776	-1.24723	0.000939414	0.75564	0.75564	0.256171	0.632025	-1.58221	0.000906862	0.82846	0.82846	0.00274749	0.495144	0.49144	8.179	19.4108	2.10956	1
cg01117925	ZBTB42	0.0103316	0.0654403	0.78953	-1.27299	0.0095838	0.681961	-1.46545	0.183443	1.22513	1.22513	0.583731	0.93745	-1.06673	0.886039	1.01679	1.01679	0.410215	0.950675	-1.1033	0.0944228	1.23937	1.23937	0.313551	1.12938	1.12938	0.0156549	0.707615	-1.4132	4.07765	0.878648	0.191819	1
cg09255205	ZBTB42	0.0447186	0.547435	0.948352	-1.17876	0.0684546	1.78635	1.73635	0.00364231	0.8988	0.8988	0.0778789	1.69772	1.69772	0.731267	1.09681	1.09681	0.0154304	2.23199	2.23199	0.0197359	1.32111	1.32111	0.07357	1.7141	1.7141	0.537396	1.18377	1.83781	1.53381	4.08428	1.02735	1
cg20118293	ZBTB43;ZBTB43	6.12E-05	4.46E-06	0.111472	-8.97084	0.0316536	1.68798	1.68798	0.00325395	0.434433	-2.30185	0.0446976	1.61423	1.61423	4.23E-05	0.198232	-5.0446	0.0633095	1.54331	1.54331	0.908515	0.976398	-1.02417	0.705086	1.08221	1.08221	0.841206	1.04256	1.04256	25.2337	17.2534	0.607773	1
cg21251230	ZBTB43;ZBTB43	7.95E-05	8.91E-05	0.280995	-3.72336	0.0405521	1.48656	1.48656	0.00162547	0.558041	-1.79188	0.2468	1.25476	1.25476	1.04E-05	0.170937	-5.85012	0.377508	1.18404	1.18404	0.00011719	0.288567	-3.51721	0.00204153	0.44279	-2.25841	0.51267	0.883004	-1.1325	13.5398	13.0922	0.494377	1
cg14408428	ZBTB43;ZBTB43	0.0109947	0.734385	0.914092	-1.09398	0.9230024	0.974831	-1.02582	0.6618794	0.574316	-1.7412	0.594011	0.867706	-1.15246	3.23E-05	0.118603	-8.43147	0.75392	1.08648	1.08648	0.0873282	0.64519	0.0167209	2.16063	0.0049077	3.75106	2.66591	1.96461	13.1618	0.979346	1
cg13608374	ZBTB43;ZBTB43	0.0159487	0.936044	0.76412	-1.30812	0.0487708	1.24216	1.24216	0.0026466	0.732182	-1.36202	0.1615837	1.19712	1.19712	0.0002361	0.390107	-2.5634	0.010479	0.258148	1.19712	0.0002361	0.390107	-2.5634	0.0459898	0.427312	-2.34126	0.0728153	0.711545	-1.40539	6.4797	14.1994	1.94788	1
cg09975418	ZBTB43;ZBTB43	0.0274622	0.55069	1.1221	1.1221	0.147998	0.743689	-1.34465	0.00377491	0.474364	-2.10809

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25164051	ZBTB9	0.0217928	0.211672	1.19868	1.19868	0.385058	1.1305	1.1305	0.0703553	0.756847	-1.32127	0.0673668	1.3262	1.3262	0.227405	1.19069	1.19069
cg09892131	ZBTB9	0.0267817	0.542422	1.08594	1.08594	0.00445978	1.66058	1.66058	0.115336	1.25723	1.25723	0.741352	1.04528	1.04528	0.673942	1.05821	1.05821
cg03058556	ZBTB9	0.0274552	?	?	?	0.992943	1.00171	1.00171	0.0613847	1.50323	1.50323	0.372919	1.19352	1.19352	0.76573	0.943847	-1.05949
cg16557097	ZBTB9	0.0371025	0.186579	0.833433	-1.19986	0.0707079	1.30058	1.30058	0.19243	1.19666	1.19666	0.426392	0.899706	-1.11147	0.604799	0.934319	-1.0703
cg09415832	ZBTB9	0.0438676	0.0556152	0.803639	-1.24434	0.200056	0.872466	-1.14618	0.257674	0.887763	-1.12643	0.408599	0.918341	-1.08892	0.0563531	0.804303	-1.24331
cg26717016	ZBTB9	0.0494409	0.4544	1.09469	1.09469	0.702422	0.95545	-1.04663	0.967059	1.00491	1.00491	0.999534	0.999931	-1.00007	0.0220017	1.38562	1.38562
cg14417587	ZBTB9;ZBTB9	0.000103483	0.491393	1.24398	1.24398	0.592698	1.18373	1.18373	0.986479	1.00531	1.00531	0.228882	0.674054	-1.48356	1.59E-06	0.022889	-43.689
cg13561948	ZBTB9;ZBTB9	0.000413025	0.18053	1.13722	1.13722	0.114086	1.16817	1.16817	0.0945634	1.18078	1.18078	0.000274503	0.583389	-1.71412	0.0778961	0.837636	-1.19384
cg02322621	ZBTB9;ZBTB9	0.00157083	0.619251	0.845795	-1.18232	0.118135	0.567079	-1.76342	0.0628737	2.01307	2.01307	0.00263772	0.248729	-4.02044	0.000159087	0.115525	-8.65614
cg09506526	ZBTB9;ZBTB9	0.00165512	0.166748	0.765597	-1.30617	0.301207	0.823595	-1.21419	0.216946	1.26538	1.26538	0.000314702	0.347173	-2.88041	0.000813577	0.400637	-2.49603
cg00030795	ZBTB9;ZBTB9	0.0353065	0.204978	2.09286	2.09286	0.185531	0.460587	-2.17114	0.461498	0.661015	-1.51283	?	?	?	0.385669	1.63415	1.63415
cg06497795	ZC3H10	0.00359834	0.749385	0.934757	-1.0698	0.0951618	1.47107	1.47107	0.113994	1.43613	1.43613	0.190287	0.746776	-1.33909	0.190187	0.746721	-1.33919
cg17564371	ZC3H10	0.00501125	0.0376399	0.564165	-1.77253	0.776511	1.06989	1.06989	0.0613322	1.64941	1.64941	0.0585039	0.60207	-1.66094	0.000583631	0.283074	-3.53265
cg20839768	ZC3H10	0.0251587	0.311048	0.871582	-1.14734	0.4179	1.11467	1.11467	0.048645	0.744282	-1.34358	0.772584	1.03873	1.03873	0.00262162	1.7269	1.7269
cg24343524	ZC3H11A	0.0048918	0.0186117	0.612145	-1.6336	0.85619	0.969274	-1.0317	0.134461	1.32	1.32	0.730242	0.942193	-1.06135	0.000198422	0.341167	-2.93111
cg26309987	ZC3H12A	9.40E-06	?	?	?	0.0143201	0.663819	-1.50643	0.00353208	0.58473	-1.71019	0.0321888	0.711482	-1.40552	0.565687	1.08197	1.08197
cg19872095	ZC3H12A	0.000199822	0.0139305	0.726858	-1.37579	0.767778	0.96938	-1.03159	0.00013773	0.50044	-1.99824	0.0224877	0.750453	-1.33253	1.72E-05	0.396302	-2.52333
cg00859858	ZC3H12A	0.000654325	0.00486261	0.619724	-1.61362	0.0243702	1.41033	1.41033	0.00606052	0.63171	-1.58301	0.000493444	0.497005	-2.01205	0.637868	1.06264	1.06264
cg16371538	ZC3H12A	0.00282348	0.837701	0.963101	-1.03831	0.129528	0.740645	-1.35017	0.0594284	1.47704	1.47704	0.11917	0.733447	-1.36342	0.142477	0.749016	-1.33509
cg26007664	ZC3H12A	0.0178198	0.0376083	0.631936	-1.58244	0.0057333	1.99203	1.99203	0.0603213	1.49649	1.49649	0.527945	0.885431	-1.12939	0.694962	1.07787	1.07787
cg15949277	ZC3H12A	0.0183579	0.110777	2.06237	2.06237	0.0481842	2.56169	2.56169	0.012022	3.68757	3.68757	0.781484	1.12282	1.12282	0.0715815	0.43251	-2.31208
cg14280964	ZC3H12A	0.0229277	0.0235198	0.500772	-1.99692	0.996684	0.998938	-1.00106	0.0474118	1.78577	1.78577	0.520694	0.846671	-1.1811	0.816968	0.942451	-1.06106
cg18700197	ZC3H12B	0.000381325	0.00047354	0.186266	-5.36866	0.640842	1.15469	1.15469	0.0119471	0.382835	-2.61209	0.00874857	0.359741	-2.77978	6.22E-05	0.104431	-9.57566
cg04853367	ZC3H12B	0.00600671	0.984993	0.994575	-1.00545	0.00189586	0.279953	-3.57202	0.00989139	0.389566	-2.56696	0.0148955	0.420552	-2.37783	0.0010473	0.245884	-4.06696
cg09637470	ZC3H12C	0.000350781	0.0927602	0.787537	-1.26978	0.830582	1.02805	1.02805	0.409076	1.11519	1.11519	0.0157198	0.682324	-1.46558	0.290036	0.867798	-1.15234
cg11022824	ZC3H12C	0.003801	0.00553223	0.712176	-1.40415	0.00449229	0.702811	-1.42286	0.0131945	0.751223	-1.33116	0.0939644	1.18703	1.18703	0.499907	1.06583	1.06583
cg04820195	ZC3H12C	0.0067235	0.011173	0.634898	-1.57506	0.36111	1.14353	1.14353	0.263657	0.846653	-1.18112	0.666624	1.06387	1.06387	0.000312129	0.433785	-2.30529
cg01504589	ZC3H12C	0.0126004	0.960415	0.992661	-1.00739	0.212853	0.82307	-1.21496	0.00850691	0.607501	-1.64609	0.491181	0.901427	-1.10935	0.0372642	0.698506	-1.43163
cg01195135	ZC3H12C	0.0160443	0.306518	1.2281	1.2281	0.0265281	0.600263	-1.66594	0.00286392	0.450982	-2.21738	0.859735	0.966253	-1.03493	0.0292002	1.64664	1.64664
cg16429124	ZC3H12C	0.0405447	0.0428337	0.376433	-2.65652	0.0101621	0.25701	-3.89091	0.783709	1.12223	1.12223	0.331256	0.656948	-1.52219	0.0859201	0.451401	-2.21532
cg17885791	ZC3H12D	0.0016112	0.00379296	4.75501	4.75501	0.00817736	3.86231	3.86231	0.00746922	3.95599	3.95599	0.104752	2.02974	2.02974	0.00198446	5.72038	5.72038
cg15559674	ZC3H12D	0.00347242	0.00671132	0.230712	-4.33441	0.999476	0.999726	-1.00027	0.00210546	0.164626	-6.07436	0.996818	1.00166	1.00166	0.00233081	0.169782	-5.88992
cg04275695	ZC3H12D	0.00354143	0.0402427	1.85301	1.85301	0.0006018	3.96406	3.96406	0.249105	1.36825	1.36825	0.00857873	0.417857	-2.39316	0.256239	0.73459	-1.3613
cg07561610	ZC3H12D	0.00503936	0.00414648	3.85744	3.85744	0.0137083	2.91723	2.91723	0.0157177	2.82885	2.82885	0.151002	1.71698	1.71698	0.023989	2.57509	2.57509
cg09313931	ZC3H12D	0.00691594	0.0176187	0.15843	-6.31193	0.203217	0.42444	-2.35604	0.00926881	0.121637	-8.22115	0.35815	0.547219	-1.82742	0.00094978	0.043141	-23.1798
cg13597629	ZC3H12D	0.00740791	0.0111701	1.6753	1.6753	0.007584	1.74581	1.74581	0.087074	1.35875	1.35875	0.104523	1.33363	1.33363	0.0121873	1.66003	1.66003
cg16235748	ZC3H12D	0.00887586	0.0247398	4.70239	4.70239	0.0585515	3.44678	3.44678	0.182298	2.26973	2.26973	0.164273	2.36157	2.36157	0.0269723	4.55724	4.55724
cg18082788	ZC3H12D	0.0111497	0.334773	0.682985	-1.46416	0.0530539	2.32237	2.32237	0.204423	0.598512	-1.67081	0.00317976	0.213476	-4.68436	0.00336495	0.216765	-4.6133
cg03678062	ZC3H12D	0.0138054	0.0262558	7.69855	7.69855	0.0566668	5.31378	5.31378	0.127131	3.58719	3.58719	0.111646	3.82468	3.82468	0.019157	8.97704	8.97704
cg17478979	ZC3H12D	0.0220977	0.02907	27.422	27.422	0.0375882	22.3136	22.3136	0.150405	7.27361	7.27361	0.100157	10.1631	10.1631	0.0198175	37.3814	37.3814
cg00449868	ZC3H12D	0.0226498	0.101526	0.243317	-4.10986	0.0067949	0.0629649	-15.8819	0.0307205	0.135215	-7.3956	0.171663	0.31752	-3.14941	0.0103484	0.0783696	-12.7601
cg11245181	ZC3H12D	0.0258951	0.0284312	5.0216	5.0216	0.0287161	5.00212	5.00212	0.0192147	5.85594	5.85594	0.109045	2.97546	2.97546	0.0543134	3.90597	3.90597
cg00073460	ZC3H12D	0.0276159	0.00360172	0.273654	-3.65425	0.572438	1.20629	1.20629	0.235606	0.66452	-1.50485	0.0964823	0.548789	-1.82219	0.00457939	0.289048	-3.45964
cg07828024	ZC3H12D	0.0294777	0.0384865	6.5073	6.5073	0.00316347	23.335	23.335	0.0466382	5.92806	5.92806	0.119793	3.73761	3.73761	0.115954	3.79868	3.79868
cg03813151	ZC3H12D	0.0296404	0.0542956	2.79015	2.79015	0.00293229	6.82018	6.82018	0.18132	1.94789	1.94789	0.138132	2.11726	2.11726	0.0339372	3.20047	3.20047
cg14030904	ZC3H12D	0.0300842	0.00917064	0.4651	-2.15008	0.52785	1.15948	1.15948	0.0248453	0.539084	-1.855	0.0110731	0.478531	-2.08973	0.45408	0.838262	-1.19294
cg05200037	ZC3H12D	0.0313103	0.0407819	14.1698	14.1698	0.0233708	20.9324	20.9324	0.12546	6.43384	6.43384	0.116038	6.80378	6.80378	0.0407399	14.18	14.18
cg00695799	ZC3H12D	0.048273	0.0380142	0.174372	-5.73487	0.0288963	0.154022	-6.4926	0.0430841	0.184506	-5.41988	0.28494	0.446416	-2.24006	0.00858166	0.0876545	-11.4084
cg18951352	ZC3H12D;ZC3H12D	0.00600607	0.0495456	0.562498	-1.77778	0.00692608	2.45308	2.45308	0.94849	0.983547	-1.01673	0.00662936	0.404598	-2.47159	0.0218536	0.493367	-2.02689
cg13136655	ZC3H12D;ZC3H12D	0.0101325	0.00743954	0.245817	-4.06807	0.550941	1.27839	1.27839	0.789218	0.896669	-1.11524	0.004934	0.219633	-4.55306	0.0034353	0.198326	-5.04221
cg15132169	ZC3H12D;ZC3H12D	0.0350535	0.0215671	0.245914	-4.06646	0.518707	1.39451	1.39451	0.171488	0.477117	-2.09592	0.00703085	0.170124	-5.87808	0.0116738	0.20151	-4.96254
cg08531917	ZC3H13	9.00E-05	6.63E-06	0.112271	-8.90701	0.635649	0.901055	-1.10981	0.547818	0.875667	-1.14199	0.149709	0.713793	-1.40097	4.62E-05	0.186472	-5.36275
cg08608800	ZC3H13	0.000449564	0.140029	1.13111	1.13111	0.191927	0.898362	-1.11314	0.133199	0.881884	-1.13394	0.114333	1.14255	1.14255	4.61E-05	1.81702	1.81702
cg06720244	ZC3H13	0.00307433	0.65178	1.11748	1.11748	4.23E-05	0.148932	-6.71449	0.0930955	0.636541	-1.57099	0.316534	0.776324	-1.28812	0.614163	1.13235	1.13235
cg17070113	ZC3H13	0.00510263	0.00144863	0.323635	-3.0899	0.148192	0.683704	-1.46262	0.00499431	0.402213	-2.48625	0.38641	0.804404	-1.24316	0.000545345	0.267933	-3.73227
cg23619808	ZC3H13	0.00919434	0.471267	0.823353	-1.21455	0.0085984	0.411133	-2.43231	0.0912524	0.610593	-1.63775	0.0938838	0.613495	-1.63	0.237487	1.3885	1.3885
cg06018095	ZC3H13	0.0104173	0.101998	0.751608	-1.33048	0.0198974	0.638659	-1.56578	0.00486655	1.81403	1.81403	0.199488	0.805529	-1.24142	0.551417	1.10091	1.10091
cg23553659	ZC3H13	0.0203062	0.211429	1.17781	1.17781	0.742014	0.959767	-1.04192	0.486915	1.09178	1.09178	0.00107531	0.548597	-1.82283	0.025728	0.719441	-1.38997
cg26392495	ZC3H13	0.0264269	0.305426	0.738617	-1.35388	0.0882867	0.584528	-1.71078	0.00164893	0.276324	-3.61894	0.827333	0.939538	-1.06435	0.00411313	0.333257	-3.00069
cg14966220	ZC3H13	0.0388132	0.99545	1.0018	1.0018	0.0884351	0.552038	-1.81147	0.0752956	0.534747	-1.87004	0.939352	1.02434	1.02434	0.628065	1.16685	1.16685
cg22415594	ZC3H13;ZC3H13	0.0111132	0.707177	0.974481	-1.02619	0.190163	0.909334	-1.09971	0.11787	0.89019	-1.12336	0.0414661	0.85124	-1.17476	0.539993	1.04341	1.04341
cg03523252	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	9.60E-05	4.50E-05	0.179415	-5.57368	0.000238588	0.258274	-3.87186	0.518702	0.864528	-1.1567	0.503498	1.16307	1.16307	1.76E-05	0.141587	-7.06278
cg20862309	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.00029049	0.0672064	0.522814	-1.91273	0.000226358	6.94859	6.94859	0.103147	0.569128	-1.75707	0.620263	0.853923	-1.17107	0.0122212	0.372681	-2.68326
cg04564737	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.000295318	2.06E-05	0.394701	-2.53356	0.17956	1.16669	1.16669	0.00165663	1.62716	1.62716	0.273788	1.13107	1.13107	0.916619	0.988738	-1.01139
cg19874145	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.00165784	0.0275477	0.464143	-2.15451	0.00954007	2.62983	2.62983	0.403535	1.28629	1.28629	0.122862	0.611188	-1.63616	0.0337472	0.481789	-2.0756
cg18200143	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.00563783	0.337471	0.786891	-1.27082	0.162476	0.696687	-1.43536	0.00115619	0.314423	-3.18043	0.0986768	0.644769	-1.55094	0.689062	0.907118	-1.10239
cg03468541	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.0070475	0.0819695	0.831147	-1.20316	0.00587315	1.41338	1.41338	0.00637909	1.40585	1.40585	0.161817	1.15414	1.15414	0.0408434	0.797288	-1.25425
cg05304806	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.0125889	0.000533214	0.221001	-4.52487	0.154007	1.53315	1.53315	0.151988	1.53684	1.53684	0.70393	0.898608	-1.11283	0.206252	0.688452	-1.45253
cg13678112	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.0217266	0.464067	1.2553	1.2553	0.10775	1.70833	1.70833	0.910018	1.0351	1.0351	0.192489	0.656476	-1.52328	0.000974843	0.223822	-4.46783
cg01248599	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.023482	0.651185	0.880802	-1.13533	0.102664	1.64539	1.64539	0.551112	1.18315	1.18315	0.0356939	1.97719	1.97719	0.05369	0.542835	-1.84218
cg10756125	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.0267855	0.51775	1.0807	1.0807	0.745806	0.962238	-1.03924	0.573052	0.93483	-1.06971	0.315287	1.13075	1.13075	0.306726	0.882298	-1.1334
cg18808285	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.030129	0.0257732	0.411544	-2.42987	0.00590407	0.298871	-3.34592	0.0145019	0.364252	-2.74536	0.0114511	0.346131	-2.88908	0.119207	0.567227	-1.76296
ch.14.1378567F	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.033857	0.889586	1.0755	1.0755	0.0389977	3.60122	3.60122	?	?	?	0.581945	1.33882	1.33882	0.0990092	2.6152	2.6152
cg16789764	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	4.96E-06	2.58E-05	0.442108	-2.26189	0.0294458	0.777956	-1.28542	0.00239109	0.660741	-1.51345	0.00116868	0.62713	-1.59456	0.000188282	0.539692	-1.85291
cg08218486	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	6.67E-06	0.392693	1.07219	1.07219	3.17E-07	0.305207	-3.27646	3.67E-05	0.531414	-1.88177	0.00153572	1.43743	1.43743	0.022671	0.80478	-1.24258
cg20095390	ZC3H15	0.0326244	0.152895	0.388552	-2.57365	0.00921093	0.129831	-7.70233	0.0473928	0.246413	-4.05822	0.54245	0.683348	-1.46338	0.0380382	0.226481	-4.41538
cg23679073	ZC3H15;ZC3H15	0.0227582	0.00432092	0.264189	-3.78518	0.58418	1.20225	1.20225	0.178879	0.618986	-1.61554	0.381208	0.740784	-1.34992	0.0111107	0.33329	-3.00039
cg00366505	ZC3H18	5.99E-05	0.705741	0.974142	-1.02654	0.01303	1.23709	1.23709	0.988316	1.00101	1.00101	3.66E-05	1.731	1.731	0.00206019	0.740977	-1.34957
cg03288803	ZC3H18	7.90E-05	0.904724	1.02454	1.02454	0.0967138	1.4466	1.4466	0.421539	0.84683	-1.18088	0.000319625	0.307399	-3.2531	2.96E-06	0.104641	-9.55644
cg27608022	ZC3H18	0.000246273	0.00661412	0.51484	-1.94235	0.00120777	0.409559	-2.44165	0.964233	0.991591	-1.00848	0.000487263	0.357239	-2.79925	9.82E-05	0.271718	-3.68029
cg27115978	ZC3H18	0.000368607	0.465548	0.898813	-1.11258	0.00825255	1.62463	1.62463	0.0186153	0.663789	-1.5065	0.000115379	0.37861	-2.64124	0.0087325	0.618828	-1.61596
cg05225404	ZC3H18	0.00138632	0.596067	1.0825	1.0825	6.93E-05	0.34061	-2.93591	0.819937	1.03436	1.03436	0.166989	1.24397	1.24397	0.0365768	0.697702	-1.43328
cg04476070	ZC3H18	0.00184112	0.0189129	0.274821	-3.63873	0.0595808	0.380579	-2.62757	0.79688	0.889412	-1.12434	0.385756	0.667636	-1.49782	0.000385227	0.0762451	-13.1156
cg00340847	ZC3H18	0.00256478	0.257126	0.723748	-1.3817	0.00318271	0.33248	-3.0077	0.280064	1.35929	1.35929	0.00571896	0.371386	-2.69262	0.00303815	0.329505	-3.03485
cg21184011	ZC3H18	0.00285844	0.202841	0.807223	-1.23882	0.0121365	0.607735	-1.64546	0.653739	1.07458	1.07458	0.699425	0.94007	-1.06375	0.0020725	0.501203	-1.9952
cg08037811	ZC3H18	0.00340165	0.0132161	0.586626	-1.70466	0.000543548	0.393194	-2.54327	0.0048555	0.522809	-1.91274	0.000528734	0.391637	-2.55339	0.819464	0.961079	-1.0405
cg03273233	ZC3H18	0.00627576	0.414573	1.21502	1.21502	0.137399	1.453	1.453	0.816163	1.05589	1.05589	0.48831	1.1787	1.1787	0.206023	1.36549	1.36549
cg08665249	ZC3H18	0.00634343	0.0859684	0.477469	-2.09438	0.454931	0.743395	-1.34518	0.0019559	0.181596	-5.50674	0.585847	0.807061	-1.23906	0.000772078	0.137625	-7.26611
cg05611199	ZC3H18	0.00651426	0.135814	1.13105	1.13105	0.254394	0.912861	-1.09546	0.667767	1.03363	1.03363	0.576527	0.957698	-1.04417	0.00647633	1.31149	1.31149
cg26974441	ZC3H18	0.0103574	0.0678704	0.621493	-1.60903	0.00801236	0.453742	-2.20389	0.0253682	0.538967	-1.8554	0.492611	0.850381	-1.17594	0.000605278	0.292415	-3.4198
cg23830326	ZC3H18	0.0110129	0.0149127	0.80867	-1.2366	0.815286	0.983538	-1.01674	0.147535	0.895632	-1.11653	0.319926	0.929692	-1.07562	0.0206809	1.21851	1.21851
cg07124138	ZC3H18	0.0138729	0.61082	1.12908	1.12908	0.00105536	0.317926	-3.14539	0.279834	1.30442	1.30442	0.933309	0.980397	-1.02	0.298664	0.775052	-1.29024
cg00498392	ZC3H18	0.0157665	0.0313839	1.63545	1.63545	0.0106811	0.535097	-1.86882	0.670301	0.919943	-1.08702	0.00743833	1.95748	1.95748	0.0884748	1.44224	1.44224
cg07983907	ZC3H18	0.0219317	0.304358	0.736072	-1.35856	0.0108425	0.397856	-2.51347	0.250078	0.70734	-1.41375	0.133879	0.627691	-1.59314	0.00497738	0.34268	-2.91817
cg05211050	ZC3H18	0.0220393	0.0528367	0.548098	-1.82449	0.181229	0.678543	-1.47375	0.118069	0.628973	-1.58989	0.913135	1.03026	1.03026	0.00121989	0.27443	-3.64391
cg16784205	ZC3H18	0.0245738	0.0178203	1.28499	1.28499	0.233725	0.897016	-1.11481	0.16897	0.880223	-1.13608	0.355616	0.92061	-1.08624	0.221391	0.894137	-1.1184
cg10450175	ZC3H18	0.026295	0.588107	1.09253	1.09253	0.0631263	0.71299	-1.40254	0.22516	0.813691	-1.22897	0.705696	1.06333	1.06333	0.0582701	0.707269	-1.41389
cg07729082	ZC3H18	0.026709	0.850001	0.904218	-1.10593	0.195653	0.482974	-2.0705	0.538861	0.718285	-1.39221	0.899498	0.935013	-1.0695	0.00148155	0.0872981	-11.455
cg04377850	ZC3H18	0.0274	0.0140088	11.2883	11.2883	0.0835655	4.61813	4.61813	0.0847027	4.58699	4.58699	0.044249	6.33522	6.33522	0.0238914	8.61255	8.61255
cg18902057	ZC3H18	0.0416222	0.417378	1.10571	1.10571	0.0726582	1.27483	1.27483	0.0150263	1.43679	1.43679	0.786062	1.03354	1.03354	0.290907	1.14212	1.14212
cg07702548	ZC3H18;ZC3H18	0.00300772	0.577581	1.0504	1.0504	0.000145781	0.564722	-1.77078	0.0094506	0.750147	-1.33307	0.311121	1.09592	1.09592	0.131096	1.15313	1.15313
cg09732364	ZC3H3	9.63E-05	0.0686864	0.771965	-1.2954	3.68E-06	0.252666	-3.95779	0.0053815	0.62785	-1.59274	0.982963	0.997292	-1.00272	0.000230389	0.459892	-2.17443
cg03870862	ZC3H3	0.000432164	0.00025998	0.143942	-6.94724	0.0287204	0.434973	-2.29899	0.124369	0.584577	-1.71064	0.383032	0.749286	-1.3346	4.94E-05	0.0855158	-11.6937
cg11234098	ZC3H3	0.00082019	0.846833	1.02897	1.02897	0.000899515	0.480066	-2.08305	0.0854131	0.755174	-1.3242	0.600977	0.925031	-1.08105	0.902839	0.982126	-1.0182
cg14650228	ZC3H3	0.00122562	0.136441	0.810922	-1.23316	0.00103702	1.88621	1.88621	0.0575461	1.32386	1.32386	0.178245	0.829574	-1.20544	0.039756	0.733039	-1.36418
cg09993606	ZC3H3	0.00314029	0.945508	0.98989	-1.01021	0.585445	0.921383	-1.08532	0.441554	0.889889	-1.12374	0.522758	1.10108	1.10108	5.84E-05	0.330584	-3.02495
cg01885080	ZC3H3	0.0040095	0.265764	0.862307	-1.15968	0.303875	0.872814	-1.14572	0.000171785	0.442409	-2.26035	0.00738718	0.64343	-1.55417	0.0463073	0.747062	-1.33858
cg18749629	ZC3H3	0.0134287	0.0123061	0.486648	-2.05487	0.00670163	0.443769	-2.25343	0.168509	0.712485	-1.40354	0.238253	0.75172	-1.33028	0.00107761	0.327771	-3.05091
cg11848483	ZC3H3	0.020186	0.0132683	0.492783	-2.02929	0.217995	1.34827	1.34827	0.00430008	0.414594	-2.412	0.6044	0.886457	-1.12809	0.00740337	0.4513	-2.21582
cg24472867	ZC3H3	0.0271083	0.618451	1.12486	1.12486	0.0215781	0.523809	-1.90909	0.047663	0.588183	-1.70015	0.512113	0.855728	-1.1686	0.563084	0.871969	-1.14683
cg15992399	ZC3H3	0.0278135	0.21816	0.813509	-1.22924	0.00938992	1.69005	1.69005	0.287177	0.83854	-1.19255	0.500627	0.896795	-1.11508	0.687962	1.06644	1.06644
cg16292343	ZC3H3	0.0282202	0.00626846	0.392362	-2.54866	0.438801	0.812662	-1.23052	0.0893232	0.611323	-1.6358	0.0298026	0.510851	-1.95752	0.00281157	0.339167	-2.9484
cg15170442	ZC3H3	0.0297364	0.609392	1.1698	1.1698	0.0279017	2.20496	2.20496	0.613189	1.16783	1.16783	0.0690859	1.85716	1.85716	0.00474116	0.319315	-3.13171
cg04268373	ZC3H3	0.0343525	0.849411	1.0644	1.0644	0.280572	0.691922	-1.44525	0.564173	1.21097	1.21097	0.0207215	0.400734	-2.49542	0.0162876	0.381141	-2.6237
cg10724576	ZC3H3	0.0421712	0.144742	0.657669	-1.52052	0.00729463	0.396257	-2.52361	0.00556092	0.377403	-2.64969	0.435418	0.808243	-1.23725	0.0367307	0.522456	-1.91404
cg20008846	ZC3H3	0.0428404	0.433492	0.81999	-1.21953	0.0145365	0.473547	-2.11172	0.517585	0.849673	-1.17692	0.664773	0.897392	-1.11434	0.00504291	0.398141	-2.51167
cg00783706	ZC3H3	0.0437022	0.00825578	0.571922	-1.74849	0.0459814	1.4598	1.4598	0.548447	1.10566	1.10566	0.133306	1.30717	1.30717	0.637571	0.924512	-1.08165
cg18210511	ZC3H3	0.0495734	0.857022	1.03187	1.03187	0.646374	0.922775	-1.08369	0.219221	0.798689	-1.25205	0.00559003	0.530971	-1.88334	0.00683965	0.543658	-1.83939
cg24010658	ZC3H3	0.0497274	0.139373	0.540596	-1.84981	0.229548	0.614167	-1.62822	0.0203843	0.339309	-2.94716	0.302897	1.51079	1.51079	0.355529	0.692477	-1.44409
cg27418164	ZC3H4	0.00181538	0.0903516	0.732899	-1.36444	0.00102509	2.2488	2.2488	0.000394501	2.55956	2.55956	0.462353	0.882869	-1.13267	0.0604207	1.42274	1.42274
cg24181914	ZC3H4	0.00327463	0.00323477	0.203492	-4.91421	0.291726	1.54286	1.54286	0.801122	1.10522	1.10522	0.232016	0.608445	-1.64353	0.122359	0.514967	-1.94187
cg09137630	ZC3H4	0.00333596	0.00224179	0.159769	-6.25905	0.386352	1.46317	1.46317	0.744017	0.868978	-1.15078	0.976686	1.0126	1.0126	0.000587772	0.102661	-9.74075
cg12451679	ZC3H4	0.0033823	0.353751	1.2381	1.2381	0.00523682	2.2806	2.2806	0.00215401	2.62308	2.62308	0.0591507	0.62068	-1.61114	0.0201123	0.53386	-1.87315
cg18657341	ZC3H4	0.00371493	0.442262	0.877007	-1.14024	0.000410678	0.39073	-2.55931	0.460368	1.13417	1.13417	0.982314	1.00372	1.00372	0.0015849	0.46786	-2.13739
cg24904303	ZC3H4	0.0143082	0.0799992	0.514483	-1.9437	0.0203429	2.60339	2.60339	0.0355469	2.30992	2.30992	0.00563391	0.28848	-3.46644	0.083512	0.519239	-1.92589
cg18489475	ZC3H4	0.0160871	0.100118	0.530736	-1.88417	0.0779158	1.9914	1.9914	0.0605959	0.475246	-2.10417	0.176159	0.603092	-1.65812	0.00469159	0.266742	-3.74894
cg09276315	ZC3H4	0.0420264	0.0026181	0.134252	-7.4487	0.0326962	3.33434	3.33434	0.962885	1.02268	1.02268	0.148587	0.473967	-2.10985	0.738081	1.17553	1.17553
cg01264379	ZC3H4	0.0441903	0.244408	1.71132	1.71132	0.136767	2.02828	2.02828	0.435174	1.42088	1.42088	0.951444	0.973491	-1.02723	0.514101	0.746832	-1.33899

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25164051	0.668725	1.06108	1.06108	0.00158214	0.535398	-1.86777	0.329225	1.14877	1.14877	0.456345	0.900786	-1.11014	4.56874	1.37267	0.267066	1
cg09892131	0.938117	1.01044	1.01044	0.0238703	0.697347	-1.43401	0.0923915	1.28102	1.28102	0.0186059	1.46446	1.46446	4.25376	1.20448	0.251696	1
cg03058556	0.318124	1.22087	1.22087	0.00175783	0.422282	-2.36809	0.126732	0.726537	-1.37639	0.471237	0.867846	-1.15228	4.28907	2.2585	0.526572	1
cg16557097	0.02013	1.44022	1.44022	0.00779805	1.55971	1.55971	0.715724	1.04875	1.04875	0.169991	0.826794	-1.20949	3.78604	1.01542	0.238401	1
cg09415832	0.697884	0.961448	-1.0401	0.0185071	1.33362	1.33362	0.0546894	1.24565	1.24565	0.344172	1.10319	1.10319	3.55927	0.572622	0.143006	1
cg26717016	0.922257	0.988478	-1.01166	0.00691793	1.51435	1.51435	0.514606	0.924543	-1.08162	0.0398939	0.754274	-1.32578	3.40264	0.759572	0.198427	1
cg14417587	0.00028375	0.156872	-6.37464	0.45027	0.786392	-1.27163	0.482968	0.800341	-1.24947	0.318719	1.37975	1.37975	21.9386	33.9033	1.37366	1
cg13561948	0.550665	1.05612	1.05612	0.105677	1.17332	1.17332	3.60E-05	0.4866	-2.05507	0.026348	0.788049	-1.26896	15.0664	1.95142	0.11513	1
cg02322621	0.0345515	0.438659	-2.27968	?	?	?	0.837266	1.07118	1.07118	0.00338347	0.263863	-3.78985	10.5809	16.6502	1.5736	1
cg09506526	0.928553	0.983883	-1.01638	0.0274646	0.623435	-1.60402	0.00837845	1.84092	1.84092	0.0451068	0.659329	-1.51669	10.1863	5.29572	0.462122	1
cg00030795	0.725074	0.822844	-1.2153	0.90086	0.933491	-1.07125	0.404217	0.624174	-1.60212	0.00117917	0.072231	-13.8445	3.91742	16.8181	4.29316	1
cg06497795	0.0820648	1.50014	1.50014	0.000153198	0.255025	-3.92119	0.387412	1.20502	1.20502	0.0528467	1.58926	1.58926	8.10626	5.68934	0.623862	1
cg17564371	0.135535	0.682584	-1.46502	0.00467399	0.409551	-2.4417	0.152369	1.43894	1.43894	0.112354	0.663438	-1.5073	7.33356	6.54431	0.793225	1
cg20839768	0.456728	0.905385	-1.1045	0.176622	0.828312	-1.20727	0.220039	0.84442	-1.18424	0.0598844	1.32102	1.32102	4.34765	1.18412	0.242097	1
cg24343524	0.0900834	0.725154	-1.37902	0.0213852	0.62146	-1.60911	0.513051	1.12088	1.12088	0.0314683	0.647892	-1.54347	7.38774	3.46277	0.416638	1
cg26309987	0.935865	1.01098	1.01098	1.04E-07	0.0970107	-10.3081	0.141695	0.807033	-1.23911	0.677523	1.05838	1.05838	42.3222	10.9686	0.259168	1
cg19872095	0.0969414	1.21088	1.21088	0.529092	1.06926	1.06926	0.00461677	0.6731	-1.48566	0.00062482	0.575487	-1.73766	18.3756	3.21012	0.155284	1
cg00859858	0.00418831	1.63499	1.63499	0.00987632	1.51864	1.51864	0.581727	1.0739	1.0739	0.00589021	0.630156	-1.58691	13.259	3.44879	0.231208	1
cg16371538	0.155717	0.756969	-1.32106	0.000109989	3.48313	3.48313	0.67738	0.926173	-1.07971	0.0520822	0.666935	-1.4994	8.71341	4.63712	0.473051	1
cg26007664	0.00883863	1.88559	1.88559	0.158478	0.750621	-1.33223	0.411923	1.17309	1.17309	0.468362	0.869014	-1.15073	4.89165	2.80522	0.509753	1
cg15949277	0.0588253	2.43279	2.43279	0.00520484	4.64626	4.64626	0.0532133	2.49675	2.49675	0.039346	2.69959	2.69959	4.84293	13.3112	2.44318	1
cg14280964	0.746664	1.0864	1.0864	0.00114389	0.294472	-3.39591	0.81138	1.06303	1.06303	0.767854	0.927116	-1.07861	4.48973	4.64763	0.92015	1
cg18700197	0.00107572	0.228004	-4.38589	0.000465194	0.185418	-5.39321	0.00600932	0.333228	-3.00094	0.00102523	0.225415	-4.43626	15.4018	22.858	1.31921	1
cg04853367	0.854995	1.05434	1.05434	0.282946	1.38084	1.38084	0.734066	1.10366	1.10366	0.210222	0.682558	-1.46508	6.93677	9.19117	1.17777	1
cg09637470	0.841394	0.97446	-1.02621	3.68E-06	0.246908	-4.0501	0.286692	1.15357	1.15357	0.344792	0.881923	-1.13389	15.7596	4.16172	0.234733	1
cg11022824	0.0275366	1.27463	1.27463	0.0771148	1.2008	1.2008	0.19076	0.878988	-1.13767	0.00952423	0.736571	-1.35764	7.97403	1.09468	0.122027	1
cg04820195	0.436957	1.11995	1.11995	0.139549	1.25501	1.25501	0.0864237	0.762925	-1.31075	0.102282	0.774569	-1.29104	6.69866	2.16524	0.28732	1
cg01504589	0.0144395	1.56424	1.56424	0.00626144	1.69668	1.69668	0.644163	0.933301	-1.07147	0.498166	1.10745	1.10745	5.48573	1.91364	0.310079	1
cg01195135	0.962433	1.00918	1.00918	0.0603995	1.50835	1.50835	0.526575	1.13262	1.13262	0.1506	0.741546	-1.34853	5.06633	3.02257	0.530311	1
cg16429124	0.0225896	0.318404	-3.14066	0.774157	1.12815	1.12815	0.231674	1.69177	1.69177	0.208432	1.74335	1.74335	3.66482	10.1958	2.47295	1
cg17885791	0.00279585	5.18118	5.18118	0.000123063	14.5088	14.5088	0.006078	4.17988	4.17988	0.0467684	2.48174	2.48174	10.2657	25.919	2.24427	1
cg15559674	0.14123	0.516836	-1.93485	0.00140362	0.145188	-6.88763	0.00296609	0.182471	-5.48033	0.854171	1.07977	1.07977	8.19317	22.5807	2.44981	1
cg04275695	0.128088	0.651712	-1.53442	0.0824959	1.64967	1.64967	0.205415	1.41582	1.41582	0.028344	0.509844	-1.96139	8.14506	8.73858	0.953661	1
cg07561610	0.00545247	3.61145	3.61145	0.000502829	6.75884	6.75884	0.00715031	3.38747	3.38747	0.188113	1.63217	1.63217	7.32104	14.3067	1.73705	1
cg09313931	0.061018	0.259988	-3.84634	0.00167833	0.0569273	-17.5663	0.00897214	0.119991	-8.33395	0.594353	0.709675	-1.4091	6.64007	42.8115	5.73105	1
cg13597629	0.0166321	1.60718	1.60718	0.000690494	2.31747	2.31747	0.00654271	1.77394	1.77394	0.261384	1.2093	1.2093	6.4991	2.70983	0.370627	1
cg16235748	0.0374511	4.0478	4.0478	0.000435208	25.0308	25.0308	0.00447066	8.9834	8.9834	0.0291267	4.43217	4.43217	6.13936	32.6029	4.72042	1
cg18082788	0.423666	1.36782	1.36782	0.792878	0.904054	-1.10613	0.740594	1.13581	1.13581	0.0163884	0.324819	-3.07864	5.70759	13.2807	2.06831	1
cg03678062	0.025301	7.83817	7.83817	0.00134798	36.7939	36.7939	0.00445769	18.8583	18.8583	0.0516596	5.55551	5.55551	5.32431	50.5492	8.43915	1
cg17478979	0.0310928	25.979	25.979	0.0033505	170.467	170.467	0.0110775	60.3713	60.3713	0.0290861	27.4098	27.4098	4.54702	119.326	23.3268	1
cg00449868	0.0231619	0.117617	-8.50215	0.0182332	0.104411	-9.57753	0.00888091	0.0724219	-13.808	0.124572	0.269566	-3.70967	4.50862	44.382	8.75005	1
cg11245181	0.0453879	4.18732	4.18732	0.00322231	12.2792	12.2792	0.0259903	5.20075	5.20075	0.0565658	3.84494	3.84494	4.30414	26.5387	5.48076	1
cg00073460	0.402975	0.754718	-1.325	0.183135	0.628495	-1.5911	0.882086	0.95237	-1.05001	0.0231594	0.409561	-2.44164	4.20819	7.20546	1.522	1
cg07828024	0.0339676	6.91458	6.91458	0.0177757	9.50033	9.50033	0.0209029	8.76888	8.76888	0.113425	3.84051	3.84051	4.11238	39.7434	8.59053	1
cg03813151	0.251167	1.7565	1.7565	0.00785397	4.96628	4.96628	0.0529665	2.8104	2.8104	0.0428172	2.99034	2.99034	4.10436	14.3501	3.10783	1
cg14030904	0.671688	1.10366	1.10366	0.429961	0.829953	-1.20489	0.441291	0.833885	-1.19921	0.00924991	0.465708	-2.14727	4.08276	3.4609	0.753499	1
cg05200037	0.0405013	14.2382	14.2382	0.00478069	66.9801	66.9801	0.0151204	28.532	28.532	0.0447811	13.275	13.275	4.0251	80.3357	17.741	1
cg00695799	0.224575	0.39601	-2.52519	0.0203909	0.131384	-7.61127	0.0344278	0.166737	-5.99746	0.34374	0.492521	-2.03037	3.4336	28.6731	7.42288	1
cg18951352	0.867877	0.958149	-1.04368	0.390691	1.25338	1.25338	0.0656399	0.588322	-1.69975	0.00296325	0.350878	-2.85	6.937	7.24395	0.928221	1
cg13136655	0.39339	0.700549	-1.42745	0.185496	0.564666	-1.77096	0.0144293	0.293074	-3.41211	0.00670274	0.238955	-4.1849	5.88578	15.4466	2.3328	1
cg15132169	0.281065	0.565821	-1.76734	0.198223	0.50098	-1.99609	0.0389124	0.296642	-3.37106	0.0503238	0.321731	-3.10819	3.86499	15.8154	3.63729	1
cg08531917	0.000301227	0.277196	-3.60756	0.0585987	0.627259	-1.59424	0.66239	0.908549	-1.10066	0.000183188	0.251423	-3.97736	22.7757	17.1898	0.670881	1
cg08608800	0.00124302	0.693429	-1.44211	0.214606	0.903597	-1.10669	0.00569989	1.32488	1.32488	0.0118052	1.27631	1.27631	14.7177	1.40338	0.0847587	1
cg06720244	0.136	0.675157	-1.48114	0.271903	0.756057	-1.32265	0.239905	0.740166	-1.35105	0.0141533	0.477006	-2.09641	8.49614	8.04449	0.841635	1
cg17070113	0.103997	0.646781	-1.54612	0.0378196	0.554102	-1.80472	0.998372	0.9995	-1.0005	0.0109303	0.457026	-2.18806	7.29319	6.94101	0.845965	1
cg23619808	0.0715385	0.586417	-1.70527	0.001711	3.27911	3.27911	0.142875	0.65858	-1.51842	0.153448	0.666712	-1.4999	6.07105	6.76396	0.990342	1
cg06018095	0.0121045	1.64713	1.64713	0.0176082	1.58524	1.58524	0.593545	1.08974	1.08974	0.484258	1.12008	1.12008	5.83371	2.35147	0.358296	1
cg23553659	0.651623	1.05813	1.05813	0.045752	0.752245	-1.32935	0.877121	1.01942	1.01942	0.660489	1.05648	1.05648	4.68032	1.14546	0.217546	1
cg26392495	0.925873	1.02692	1.02692	0.783061	1.08199	1.08199	0.774988	0.921433	-1.08527	0.267446	0.71905	-1.39072	4.27367	5.51701	1.14749	1
cg14966220	0.871728	1.0524	1.0524	0.00164156	0.240504	-4.15793	0.394893	1.31709	1.31709	0.275132	1.43172	1.43172	3.72414	5.89281	1.40651	1
cg22415594	0.0189624	1.21484	1.21484	0.00255234	0.750742	-1.33202	0.0680157	0.86936	-1.15027	0.0486401	1.16681	1.16681	5.71364	0.424601	0.0660565	1
cg03523252	0.00963087	0.482346	-2.0732	0.390386	1.21632	1.21632	0.424257	1.19911	1.19911	0.000346811	0.277905	-3.59836	22.3851	17.5522	0.696979	1
cg20862309	0.000654809	5.21374	5.21374	0.00175922	0.24436	-4.09233	0.00155163	4.21523	4.21523	0.082641	0.54459	-1.83624	16.5958	26.2735	1.40724	1
cg04564737	0.0274196	0.754152	-1.32599	0.0113418	1.40897	1.40897	0.0149475	1.38214	1.38214	0.14732	0.845215	-1.18313	16.5211	3.06041	0.16466	1
cg19874145	0.00166867	3.75933	3.75933	0.0448036	0.507452	-1.97063	0.0010754	4.14743	4.14743	0.193385	0.666737	-1.49984	10.1815	13.9879	1.22121	1
cg18200143	0.275045	0.759394	-1.31684	0.000579557	0.275271	-3.63279	0.209467	0.725712	-1.37796	0.00202658	0.348214	-2.87179	7.07355	6.58075	0.826962	1
cg03468541	0.475719	0.932769	-1.07208	0.119807	1.17581	1.17581	0.00428519	1.44286	1.44286	0.775474	1.02782	1.02782	6.60118	0.962781	0.129644	1
cg05304806	0.275264	0.727729	-1.37414	0.449707	0.80599	-1.24071	0.41714	0.792797	-1.26136	0.0156156	0.436009	-2.29353	5.48737	6.81401	1.10379	1
cg13678112	0.0698382	0.538724	-1.85624	0.354444	1.33732	1.33732	0.888416	1.04376	1.04376	0.164155	0.635761	-1.57292	4.57351	6.74306	1.31056	1
cg01248599	0.888204	0.961535	-1.04	0.160156	0.658055	-1.51963	0.00518418	0.357365	-2.79826	0.0485161	0.533393	-1.87479	4.45287	5.4843	1.09478	1
cg10756125	0.0160289	0.705498	-1.41744	0.0599974	1.28544	1.28544	0.00330388	1.60573	1.60573	0.535657	0.928459	-1.07705	4.25354	0.943446	0.197158	1
cg18808285	0.157112	0.602076	-1.66092	0.991256	1.00368	1.00368	0.294024	0.694224	-1.44046	0.0346333	0.437812	-2.28408	4.08061	7.26648	1.58288	1
ch.14.1378567F	0.617515	0.767875	-1.30229	0.00294749	0.105043	-9.51989	0.682483	0.805983	-1.24072	0.607007	1.31286	1.31286	4.35839	16.4908	3.31073	1
cg16789764	1.18E-05	0.403469	-2.4785	2.83E-07	0.2273	-4.39947	0.0423938	0.795432	-1.25718	3.37E-06	0.341971	-2.92422	48.6259	7.38283	0.134959	1
cg08218486	0.000814501	0.669101	-1.49454	0.337029	0.92423	-1.08198	0.164616	1.12527	1.12527	5.04E-05	0.546007	-1.83148	45.0492	4.52126	0.0892112	1
cg20095390	0.182385	0.417312	-2.39629	0.00543683	0.104489	-9.57036	0.253065	2.08999	2.08999	0.18197	0.416923	-2.39852	3.96632	23.9548	5.3685	1
cg23679073	0.0100112	0.325149	-3.07552	0.15998	1.65657	1.65657	0.148965	0.594132	-1.68313	0.1249	0.571416	-1.75004	4.99609	8.57814	1.33542	1
cg00366505	0.186979	1.10142	1.10142	1.13E-05	0.524985	-1.90481	0.952359	0.995882	-1.00414	0.00623743	1.27916	1.27916	25.3785	1.91725	0.0671522	1
cg03288803	0.000111954	0.25284	-3.95507	0.646823	1.09791	1.09791	0.146639	0.729454	-1.37089	0.0240473	0.579874	-1.72451	23.5772	15.3101	0.577208	1
cg27608022	0.000678791	0.376038	-2.65931	7.90E-05	0.260847	-3.83366	0.133839	0.73751	-1.35591	0.000661607	0.374571	-2.66972	17.3609	9.75068	0.499241	1
cg27115978	0.000143388	0.390098	-2.56346	0.168163	0.809797	-1.23488	0.0622802	1.35183	1.35183	0.00481083	0.584276	-1.71152	15.5463	5.08058	0.290492	1
cg05225404	0.782635	1.04183	1.04183	0.0111757	1.60187	1.60187	0.366208	1.14747	1.14747	0.00788695	0.60349	-1.65703	10.7197	3.72768	0.309104	1
cg04476070	0.00192834	0.136112	-7.34688	0.00056324	0.0881208	-11.3481	0.427503	1.44498	1.44498	0.00437354	0.177369	-5.63796	9.87683	32.2943	2.9064	1
cg00340847	0.0686855	0.572901	-1.7455	0.00107597	0.267082	-3.74417	0.763485	1.086	1.086	0.00139357	0.281933	-3.54694	8.96425	10.6099	1.05207	1
cg21184011	0.128604	0.769793	-1.29905	9.62E-05	0.331072	-3.02049	0.0210622	0.642754	-1.55581	0.0809114	0.734694	-1.36111	8.68172	3.48902	0.357228	1
cg08037811	0.804818	1.04393	1.04393	0.29718	0.828875	-1.20645	0.931218	0.985121	-1.0151	0.0810301	0.714671	-1.39925	8.24377	3.93723	0.424534	1
cg03273233	0.000814012	0.307623	-3.25074	0.00305774	0.387791	-2.57871	0.541811	1.15514	1.15514	0.0313301	0.554426	-1.80367	6.84343	5.91071	0.767738	1
cg08665249	0.0186517	0.329238	-3.03731	0.969733	0.985326	-1.01489	0.188726	1.72037	1.72037	0.0169381	0.321482	-3.11059	6.82074	16.3976	2.13696	1
cg05611199	0.397717	1.06859	1.06859	0.00065118	0.670008	-1.49252	0.0378358	1.20261	1.20261	0.43625	0.940967	-1.06274	6.76477	0.628785	0.0826221	1
cg26974441	0.0636857	0.615793	-1.62392	0.697021	0.913021	-1.09526	0.257835	0.759868	-1.31602	0.00651398	0.439424	-2.27571	5.84452	5.00663	0.761455	1
cg23830326	0.0359997	0.841127	-1.18888	0.0495357	0.853042	-1.17228	0.638013	0.966945	-1.03418	0.0055272	1.29517	1.29517	5.73036	0.456616	0.0708299	1
cg07124138	0.098659	1.53474	1.53474	0.0159978	0.497772	-2.00895	0.162766	1.42258	1.42258	0.221056	0.737637	-1.35568	5.31579	4.71104	0.787765	1
cg00498392	0.355283	1.20356	1.20356	0.0532752	1.53391	1.53391	0.0329195	1.62599	1.62599	0.284138	1.2421	1.2421	5.09583	3.06406	0.534478	1
cg07983907	0.0525989	0.530047	-1.88662	0.00241928	0.296185	-3.37627	0.971861	0.98989	-1.01021	0.634452	0.871114	-1.14796	4.5588	5.99152	1.16825	1
cg05211050	0.00553232	0.369316	-2.70771	0.393074	0.787386	-1.27003	0.89709	1.03599	1.03599	0.903277	0.96733	-1.03377	4.55115	5.38069	1.05091	1
cg16784205	0.0121344	0.761724	-1.31281	0.0281586	1.25317	1.25317	0.700024	0.966859	-1.03428	0.15847	1.14023	1.14023	4.38334	0.526099	0.106686	1
cg10450175	0.709142	0.94116	-1.06252	0.00989417	1.69463	1.69463	0.00974497	1.69736	1.69736	0.542384	1.10496	1.10496	4.28115	1.77601	0.368749	1
cg07729082	0.0117128	0.187336	-5.33801	0.677123	0.800362	-1.24943	0.0487927	0.302193	-3.30914	0.0257927	0.244669	-4.08716	4.25781	19.0715	3.9815	1
cg04377850	0.371044	2.08291	2.08291	0.00564544	18.2024	18.2024	0.0214002	9.10277	9.10277	0.0173998	10.1067	10.1067	4.21982	42.6516	8.98439	1
cg18902057	0.0417115	0.752286	-1.32928	0.0279379	0.729854	-1.37014	0.455155	0.911894	-1.09662	0.981551	1.00281	1.00281	3.62946	0.845024	0.206954	1
cg07702548	0.0325027	0.803516	-1.24453	0.463156	1.06745	1.06745	0.214308	1.12106	1.12106	0.1	0.854248	-1.17062	8.55162	1.0347	0.107551	1
cg09732364	0.59526	0.934167	-1.07047	0.0425929	1.34519	1.34519	0.0331478	0.728812	-1.3721	0.000349674	0.481885	-2.07519	22.3659	5.71471	0.227119	1
cg03870862	0.784694	1.09238	1.09238	0.000100056	0.107906	-9.26732	0.0526264	0.491197	-2.03584	0.0240312	0.41958	-2.38334	14.8792	24.5338	1.46566	1
cg11234098	5.99E-05	0.334351	-2.99087	0.00625866	1.69233	1.69233	0.83723	1.03084	1.03084	0.0140786	0.639172	-1.56452	12.4445	4.29828	0.30702	1
cg14650228	0.697006	0.950172	-1.05244	0.000821379	1.93187	1.93187	0.0604009	0.758341	-1.31867	0.0033331	0.593376	-1.68527	11.1046	3.00091	0.240214	1
cg09993606	0.656527	1.0688	1.0688	0.0244641	0.671343	-1.48955	0.00863699	0.607899	-1.64501	0.328359	0.860728	-1.16181	8.44267	2.95496	0.311114	1
cg01885080	0.728028	1.04561	1.04561	0.174122	1.20285	1.20285	0.0132969	0.675796	-1.47974	0.577302	1.07457	1.07457	7.84688	2.0281	0.229741	1
cg18749629	0.432449	0.831035	-1.20332	0.0187937	0.518056	-1.93029	0.019179	0.519596	-1.92457	0.391614	0.816458	-1.2248	5.37283	4.5418	0.751403	1
cg11848483	0.038074	0.574397	-1.74096	0.823132	1.05298	1.05298	0.938159	1.01805	1.01805	0.464756	0.842341	-1.18717	4.68978	3.94969	0.748613	1
cg24472867	0.330346	0.790269	-1.26539	0.00425997	2.45035	2.45035	0.132462	1.46293	1.46293	0.641406	1.11618	1.11618	4.23571	3.68376	0.773059	1
cg15992399	0.0282262	1.51108	1.51108	0.00580887	1.7783	1.7783	0.698295	0.939822	-1.06403	0.510945	1.11209	1.11209	4.19765	1.68788	0.357423	1
cg16292343	0.276001	0.742543	-1.34672	0.0450803	0.546607	-1.82947	0.0978824	0.620639	-1.61124	0.0634722	0.577995	-1.73012	4.17624	4.56426	0.971476	1
cg15170442	0.16076	1.57767	1.57767	0.302926	1.38371	1.38371	0.124595	0.602882	-1.6587	0.734285	1.10925	1.10925	4.09966	6.01402	1.30396	1
cg04268373	0.00382847	0.278	-3.59712	0.0346707	0.445482	-2.24476	0.41926	0.762628	-1.31126	0.449701	0.776526	-1.28779	3.89332	6.64813	1.51784	1
cg10724576	0.719817	0.908132	-1.10116	0.486212	0.827544	-1.20839	0.869862	0.957082	-1.04484	0.364344	1.28323	1.28323	3.61187	4.09435	1.00763	1
cg20008846	0.247364	1.35031	1.35031	0.0450963	0.565008	-1.76989	0.120048	0.657854	-1.52009	0.0950528	0.634137	-1.57695	3.59081	3.50666	0.868057	1
cg00783706	0.0642041	1.41057	1.41057	0.987903	1.00251	1.00251	0.395322	0.865893	-1.15488	0.165364	0.782899	-1.2773	3.56429	1.54447	0.385171	1
cg18210511	0.532869	1.11615	1.11615	0.145211	0.761748	-1.31277	0.108486	0.73742	-1.35608	0.291352	0.826559	-1.20984	3.39918	1.62942	0.426095	1
cg24010658	0.0298611	0.372253	-2.68635	0.0093971	0.279931	-3.57231	0.905566	0.955149	-1.04696	0.051353	0.424094	-2.35797	3.39518	8.03924	2.10475	1
cg27418164	0.0753209	0.719126	-1.39058	0.17535	0.786651	-1.27121	0.0105785	1.70816	1.70816	0.770402	0.952439	-1.04994	9.91728	4.35484	0.390326	1
cg24181914	0.000197272	0.0837517	-11.9401	0.00435115	0.220867	-4.52762	0.0452265	0.402272	-2.48588	0.037985	0.385351	-2.59504	8.33796	20.748	2.21189	1
cg09137630	0.125499	0.491316	-2.03535	0.100706	0.462739	-2.16105	0.848945	1.08516	1.08516	0.000717498	0.110039	-9.08768	8.29193	24.1249	2.58618	1
cg12451679	0.762196	1.0703	1.0703	0.0046081	0.429984	-2.32567	0.107563	0.674943	-1.48161	0.701131	0.917299	-1.09016	8.25783	6.55323	0.705402	1
cg18657341	0.63097	1.08445	1.08445	0.00262184	0.497654	-2.00943	0.506233	1.1196	1.1196	0.548245	0.90324	-1.10713	8.02909	3.56809	0.395018	1
cg24904303	0.247535	1.51231	1.51231	0.84625	0.935739	-1.06867	0.223968	1.54818	1.54818	0.134236	1.73763	1.73763	5.26206	9.75524	1.6479	1
cg18489475	0.653148	1.17241	1.17241	0.102774	0.533832	-1.87325	0.0300547	0.407699	-2.45279	0.00623101	0.285439	-3.50337	5.06184	9.91207	1.74062	1
cg09276315	0.483777	1.40906	1.40906	0.362193	1.57038	1.57038	0.882156	0.931016	-1.0741	0.69649	0.827874	-1.20791	3.61648	13.3003	3.26906	1
cg01264379	0.310096	1.58945	1.58945	0.00165782	0.137272	-7.28483	0.440102	0.706547	-1.41533	0.999299	0.999612	-1.00039	3.54954	10.9424	2.74024	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg12568091	2CH6	0.00036451	0.779616	1.0297	0.10297	1.303845	0.898449	-1.11751	0.453429	0.9234	-1.08205	1.029599	0.758951	-1.13761	0.003139087	0.547421	1.82675	0.002022266	0.526491	-1.89397	0.002079282	0.537817	-1.85937	0.003467765	1.51484	1.513586	1.183193	1.183193	15.5941	2.6892	0.153289	1
cg03571229	2CH6	0.00498924	0.198155	1.25772	1.25772	0.00706164	1.79859	1.79859	0.000449863	2.54173	2.54173	0.716237	0.94031	-1.06348	0.779687	0.953822	-1.04841	0.02444405	0.636343	-1.57148	0.54828	0.902652	-1.10785	0.017421	1.62908	1.62908	0.295869	1.20051	1.20051	7.34342	3.30585	0.400159	1
cg12153373	2CH6	0.01127211	0.166196	0.683566	-1.46292	0.713084	1.09984	1.09984	0.494905	0.836452	-1.19553	0.0182996	0.478127	-2.0915	0.000270966	0.214705	-4.65754	0.8743558	0.960045	-1.04162	0.264954	0.741287	-1.349	0.490867	0.835008	-1.19759	0.01869558	0.479803	-2.08419	0.687551	5.98083	0.934731	1
cg11872561	2CH6	0.03230259	0.774154	1.08083	1.08083	0.1425911	1.53078	1.53078	0.011148	3.39195	2.36165	0.01666603	0.459994	-2.20267	0.116888	1.5844	1.5844	0.0125929	2.31217	2.31217	0.615947	1.14641	1.14641	0.349386	1.29725	1.29725	0.0403442	1.89615	1.89615	4.48311	5.18221	1.0275	1
cg04888030	2CH6	0.02748777	0.927702	0.988064	-1.01208	0.00659922	1.54711	1.54711	0.210314	0.849309	-1.17153	0.0191825	0.704255	-1.41994	0.160534	0.830707	-1.20379	0.827937	0.973428	-1.0273	0.326017	0.882082	-1.13368	0.123972	1.2289	1.2289	0.08606314	1.27094	1.27094	4.70258	1.02197	0.215516	1
cg02157602	2CH6	0.00329232	0.303132	0.714712	-1.39936	0.884489	0.955255	-1.04684	0.683918	1.13757	1.13757	0.196607	1.53734	1.53734	0.00146201	2.253224	-4.25036	0.136073	1.65656	1.65656	0.143092	1.64144	1.64144	0.708124	1.12572	1.12572	0.4184431	0.770772	-1.2974	3.95336	6.2086	1.39597	1
cg00271154	2CH9;2CH6	0.04123843	0.804763	0.96242	-1.03905	0.06641112	1.37492	1.37492	0.008017254	1.69122	1.69122	0.110598	0.764222	-1.30852	0.284384	0.841983	-1.18767	0.853014	1.0291	1.0291	0.678926	0.937652	-1.06649	0.559623	1.09553	1.09553	0.01533394	1.58449	1.58449	3.64193	1.37973	0.336752	1
cg07378778	2CH7A	0.5807777	0.878396	-1.16536	0.01460083	0.481009	-2.07861	0.337553	0.732166	-1.3658	0.386213	0.731267	0.96353	-1.03778	0.941009	0.96497	-1.0359	0.542224	0.860613	-1.16196	0.194298	1.39671	1.39671	0.570073	0.809654	-1.14988	0.0182087	0.497811	-2.00879	3.42649	3.21286	0.819471	1
cg03775028	2CH7B	0.000990875	0.00162923	0.366396	-2.72926	0.0156461	0.611023	-1.6366	0.0180449	0.57286	-1.89444	0.00985184	0.484081	-2.06585	0.55-05	-1.8448	-5.42065	0.000382224	0.283242	-3.53055	0.050267	0.608729	-1.64277	0.090579	0.660433	-1.51416	0.0202301	0.536425	-1.86419	11.7972	9.24383	0.696502	1
cg01849789	2CH7B	0.00152243	0.467259	0.924267	-1.08194	0.07610077	0.810479	-1.23384	9.90E-05	2.08713	2.08713	0.319795	0.896322	-1.11567	0.135439	0.842547	-1.18688	0.003090072	1.5389	1.5389	0.845118	1.02104	1.02104	0.046978	0.784994	-1.2739	0.0865462	1.22332	1.22332	10.4349	1.87329	0.159575	1
cg01534574	2CH7B	0.00356568	0.029481	0.739344	-1.35279	0.1823182	1.13343	1.13343	0.059078	0.689128	-1.45448	0.010103759	0.564251	-1.77226	0.002968169	0.473557	-2.11164	0.051001	1.29933	1.29933	0.109497	1.22822	1.22822	0.095852	1.13588	1.13588	0.0748367	0.981488	0.981488	0.018864	0.982852	0.195376	1
cg05109573	2CH7B	0.00490376	0.150519	0.667721	-1.49763	0.242729	1.3777	1.3777	0.0915831	0.614531	-1.62726	0.206949	1.41741	0.173511	0.467953	-2.13697	0.000396908	0.021581	-4.38404	0.018739	0.3704	2.70042	0.370042	1.27286	1.27286	0.0178788	0.470293	-2.12634	7.38224	8.03147	0.967062	1
cg00475180	2CH7B	0.00511804	0.301881	1.57541	1.50741	0.4538217	0.95551	-1.10111	0.6464648	0.585552	1.6962	0.00562933	2.3	2.3	0.0805404	0.641419	-1.55904	0.369114	1.08027	1.08027	0.00166034	0.35652	-2.80409	0.341254	0.798702	-1.25203	0.007363645	0.455612	-2.19475	7.28647	6.06221	0.73954	1
cg04650645	2CH7B	0.00528451	0.160591	0.927902	-1.0777	0.155534	0.922824	-1.08363	0.00735755	1.18822	1.18822	0.000930398	1.27987	1.27987	0.00432564	1.20975	1.20975	0.869114	1.00827	1.00827	0.414465	0.950225	-1.04253	0.257684	1.06074	1.06074	0.307887	0.948671	-1.05411	7.21545	0.284834	0.0350894	1
cg01042540	2CH7B	0.0128215	0.688327	0.924355	-1.08184	0.998695	1.00032	1.00032	0.465265	0.86505	-1.156	0.600342	0.902016	-1.10865	0.525686	0.882106	-1.13365	0.0846792	1.45062	1.45062	0.0003511	0.342019	-2.86377	0.01383	0.553247	-1.8102	0.0514468	0.648854	-1.54118	4.5547	3.28749	0.535723	1
cg02172678	2CH7B;2CH7B	0.00147401	0.00318148	0.613744	-1.62934	0.738356	0.145116	-1.04146	0.0083918	1.13757	1.13757	0.196607	1.53734	1.53734	0.00146201	2.253224	-4.25036	0.899699	0.984835	-1.0154	0.000369288	0.199539	1.99539	0.002174	1.26515	1.26515	0.5703179	1.07201	1.07201	0.54557	2.45157	0.260743	1
cg06843030	2CH7B;2CH7B	0.0191616	0.239836	0.853735	-1.17132	0.74995	1.04194	1.04194	0.236825	1.17263	1.17263	0.58126	1.07378	1.07378	0.000815516	0.522866	-1.91253	0.323885	1.13986	1.13986	0.0183211	0.692231	-1.4446	0.917703	1.01337	1.01337	0.911217	1.01443	1.01443	4.77337	1.24804	0.232407	1
cg01256521	2CH8	1.18E-05	0.107795	-0.97241	0.03184203	0.449185	-2.22625	0.124565	0.740154	-1.35107	0.0862436	0.709653	-1.40914	7.36E-05	0.273421	-1.68431	0.145014	0.75336	-1.32759	0.13672	0.0239997	0.431565	-1.62088	7.45E-05	0.273383	0.6762	29.9998	15.5572	0.460957	1
cg00534466	2CH8	0.00368286	0.190198	0.695277	-1.43828	0.334767	0.770595	-1.2977	0.0217374	0.485942	-2.05786	0.5703506	1.66255	1.66255	0.162315	2.534545	2.534545	0.542515	1.17527	1.17527	0.000220899	0.199486	-5.01288	0.001721445	0.309815	-3.22774	0.0230777	0.400676	-2.01765	8.05001	8.74955	0.966132	1
cg01611444	2CH8	0.0155724	0.0346704	0.363694	-2.74957	0.0258351	0.337264	-2.96503	0.0417181	0.381295	-2.62264	0.121524	0.501845	-1.99265	0.001003673	0.135965	-7.35483	0.983053	0.991334	-1.00876	0.0411501	0.379964	-2.63183	0.784219	0.893186	-1.11934	0.0110329	0.269969	-3.70413	5.11683	13.6708	2.37488	1
cg12638728	2CH8	0.0202076	0.874754	0.916779	-1.09078	0.353979	1.12697	1.12697	0.194981	1.12915	1.12915	1.21915	7	7	0.241195	1.99948	1.99948	0.855138	1.04234	-1.10591	0.0355826	0.599455	-1.66802	0.74799	0.982768	1.01358	0.1382626	0.259555	-3.85202	4.96308	4.77506	0.71384	1
cg09759868	2CH8	0.0314772	0.277315	0.828312	-1.20728	0.0424204	0.677294	-1.47646	0.238918	0.814132	-1.2283	0.0656644	1.83156	1.83156	0.017928	0.619036	-1.61541	0.593188	1.09407	1.09407	0.873996	0.973886	-1.02681	0.224464	0.808367	-1.23706	0.409425	0.868879	-1.15103	4.01747	1.76858	0.393309	1
cg27242549	2CH8;2CH8	2.19E-05	0.012852	0.77844	-1.28499	0.0126225	0.176502	-1.5665	0.0244448	0.613932	-1.62939	0.0107298	0.10217	7.81E-06	0.342751	-2.91798	0.000396908	0.021581	-4.38404	0.018739	0.3704	2.70042	0.370042	1.27286	1.27286	0.0178788	0.470293	-2.12634	7.38224	8.03147	0.967062	1
cg19835011	2CH8;2CH8	0.0118319	0.174462	0.578175	-1.72958	0.867718	0.938732	-1.06527	0.863853	1.06726	1.06726	0.548073	0.794114	-1.25927	0.003036719	0.108263	9.23677	0.494132	1.30129	1.30129	0.0633346	2.20782	2.20782	0.302767	1.49912	1.49912	0.53099	1.27214	1.27214	5.59905	12.7565	2.02519	1
cg07601743	2CH9;2CH1	0.00361903	0.167168	0.73877	-1.3536	0.561897	0.886407	-1.12815	0.0182484	0.554806	-1.80253	0.00515343	0.467897	-2.13722	0.080313	0.671088	-1.49012	0.0150328	0.540903	-1.84876	0.0151616	1.84669	0.0140843	1.8647	1.8647	0.0211359	1.76833	1.76833	0.09234	5.41795	0.595125	1
cg00191100	2CH9;2CH1	0.01516436	0.0119913	0.548648	-1.82403	0.1226225	0.379325	-2.6526	0.1664522	0.516644	-1.93641	0.16678	0.398886	-2.50796	0.833151	1.20026	0.833151	1.20026	0.0060598	2.0026	2.0026	2.0026	2.0026	0.509394	0.98443	0.0776592	0.133241	0.7507459	0.016495	0.728542	1.3726	0.628222	3.9995	0.616558	1.2326	1
cg04307457	2CH9;2CH1	0.0119371	0.0155224	0.69559	-1.43763	0.115959	0.811449	-1.23236	0.0159891	0.6972	-1.43431	0.037853	0.744931	-1.34241	0.001774557	0.582182	-1.7233	0.0248159	0.750638	-1.3322	0.204315	0.848903	-1.17799	0.003808855	0.620516	-1.61156	0.07009916	0.7814	-1.27975	5.307733	1.25712	0.210531	1
cg23449600	2CH9;2CH1	0.0144132	0.504244	1.15648	1.12467	0.0207	0.142397	1.22707	0.205561	1.14997	1.14997	0.10997	0.937134	-1.06699	0.365187	1.07549	1.07549	0.493834	1.05585	1.05585	0.0148219	0.32006	-3.12379	0.013306	0.443733	1.43753	0.547491	0.955356	0.014876	4.39333	0.472665	0.0862356	1
cg04118234	2CH9;2CH1	0.0315262	0.0186977	0.222112	-4.50224	0.149043	0.205128	-4.85875	0.0416277	0.288935	-3.45572	0.212477	0.499936	-2.00026	0.03257301	0.266978	3.74563	0.104401	1.391745	-2.55268	0.0104766	0.188525	-5.47876	0.645526	0.127501	1.27701	0.0306718	0.261743	0.015454	11.4555	40.2081	5.364997	1
cg04654228	2CH9;2CH1	0.0130535	0.0199632	0.514549	-1.94345	0.776984	1.08272	1.08272	0.0199295	0.455523	-2.19528	0.273488	0.726922	-1.37566	0.00322271	0.326493	-3.07983	0.109027	0.613167	-1.63088	0.380002	0.777219	-1.28664	0.0685865	0.565226	-1.7692	0.0194528	0.449352	-2.22542	3.94775	4.89718	1.10267	1
cg02147497	2CH9;2CH1	0.0200001	0.0144977	0.200003	-4.99997	0.127179	0.162628	-6.15474	0.0196124	0.13896	1.18496	0.464175	0.435676	1.13854	0.0003-05	0.974816	-1.02584	0.013158	0.070001	0.18887	-5.29412	0.11934	1.01934	0.240283	0.871558	-1.14744	0.0509521	1.28236	1.28236	0.643504	0.720361	0.176152	1
cg12493200	2CH9;2CH1;2CH4;2CH1;2CH4V1	0.00418639	0.00105025	0.709563	-1.40914	0.199365	1.10068	1.10068	0.110013	1.13115	1.13115	0.99105	1.00082	1.00082	0.172262	1.10825	1.10825	0.01577702	0.811168	-1.23279	1.41E-05	0.527011	-1.89748	0.126822	0.889739	-1.12393	0.599318	1.03822	1.03822	15.0104	1.18982	0.270587	1
cg07561400	2CH9;2CH1;2CH4V1;2CH4V1;2CH4V1	0.0115773	0.0214651	0.744077	-1.34232	0.593012	1.05936	1.05936	0.0217291	1.34122	1.34122	0.113831	0.832502	-1.2012	0.483088	0.926057	-1.07892	0.00288459	0.646183	-1.54755	0.00569116	0.688969	-1.45145	0.609738	0.946618	-1.05639	0.303849	0.866835	-1.15362	5.63864	1.01408	0.159862	1
cg19734163	2CH9AV1	9.00E-05	0.0119721	0.46498	-2.15062	0.0842539	2.06886	2.06886	0.199277	0.599017	-1.6694	0.00120742	0.150745	-6.63373	?	0.0076114	2.06886	0.0056201	0.160548	-6.22961	0.00176408	0.120435	-8.30105	0.000145	0.0046908	-20.1245	0.2663797	0.664489	-1.54682	0.503595	59.1834	1.6927	1
cg24251035	2CH9AV1L	0.00469678	0.00124431	0.28766	-3.47632	0.00180997	0.309876	-3.22709	0.0425304	0.539639	-1.85309	0.304948	0.755344	-1.3239	0.000424497	0.228937	4.36802	0.502407	0.83545	-1.19696	0.175483	0.683516	-1.46302	0.0921439	0.612846	-1.63173	0.175326	0.683409	-1.46325	7.47984	8.26378	0.982051	1
cg05576246	2CH9AV1L	0.00506	0.0160221	0.31148	-3.21035	0.0013579	0.0013	-7.69231	0.0001-05	0.0013	-7.69231	0.0001-05	0.0013	-7.69231	0.0001-05	0.0013	-7.69231	0.0021881	0.456447	-2.19095	0.0023394	0.427355	-2.34018	0.349191	0.7613	0.7613	0.1312666	1.31313	1.31313	0.36619	2.18357	1	1
cg14347985	2CH9AV1L	0.00895577	0.224695	0.873436	-1.1449	0.029157	1.31358	1.31358	0.0329099	0.760245	-1.31525	0.0172828	0.499894	-2.00106	0.0001-05	0.0013	-7.69231	0.0021881	0.456447	-2.19095	0.0023394	0.427355	-2.34018	0.349191	0.7613	0.7613	0.1312666	1.31313	1.31313	0.36619	2.18357	1	1
cg01655946	2CH9AV1L	0.02231136	0.00821236	0.199712	-5.00721	0.178507	0.506143	-1.97572	0.0302186	0.297026	-3.3667	0.778616	1.14369	1.14369	0.030943	0.299126	-3.34307	0.0536268	0.352036	-2.84062	0.008558	0.202317	-4.94275	0.152005	0.483199	-2.07728	0.00686027	0.188659	-5.30056	4.53186	16.2882	3.19481	1
cg02435509	2CH9AV1L	0.0138985	0.0265031	0.734519	-1.36129	0.418	0.358858	0.658005	-1.51975	0.0907936	0.437483	-2.28582	0.501159	1.34592	1.34592	0.2084	1.34592	0.0154925	0.605342	-1.97886	0.0013667	0.122913	-7.85465	0.197407	0.491725	0.0208975	0.201385	-4.96184	0.143463	2.77056	1	1
cg14993712	2CH9AV1L	0.0133792	0.857862	0.967665	-1.03342	0.558757	0.897259	-1.1145	0.822972	1.04194	1.04194	0.204232	1.27846	1.27846	0.506404	0.897736	-1.11391	0.151804	1.32515	1.32515	0.0085115	0.398883	-2.507	0.606543	1.09993	1.09993	0.695083	0.930321	-1.0749	3.93386	2.09444	0.473257	1
cg00191100	2CH9AV1L;2CH3AV1	0.00099028	0.0119913	0.548648	-1.82403	0.1226225	0.379325	-2.6526	0.1664522	0.516644	-1.93641	0.16678	0.398886	-2.50796	0.833151	1.20026	0.833151	1.20026	0.0060598	2.0026	2.0026	2.0026	2.0026	0.509394	0.98443	0.0776592	0.133241	0.7507459	0.016495	0.728542	1.3726	0.628222	3.9995	0.616558	1.2326	1
cg00371945	2CH9AV1L;2CH3AV1	0.0119371	0.0155224	0.69559	-1.43763	0.115959	0.811449	-1.23236	0.0159891	0.6972	-1.43431	0.037853	0.744931	-1.34241	0.001774557	0.582182	-1.7233	0.0248159	0.750638	-1.3322	0.204315	0.848903	-1.17799	0.003808855	0.620516	-1.61156	0.07009916	0.7814	-1.27975	5.307733	1.25712	0.210531	1
cg23449600	2CH9AV1L;2CH3AV1	0.0144132	0.504244	1.15648	1.12467	0.0207	0.142397	1.22707	0.205561	1.14997	1.14997	0.10997	0.937134	-1.06699	0.365187	1.07549	1.07549	0.493834	1.05585	1.05585	0.0148219	0.32006	-3.12379	0.013306	0.443733	1.43753	0.547491	0.955356	0.014876	4.39333	0.472665	0.0862356	1
cg04118234	2CH9AV1L;2CH3AV1	0.0315262	0.0186977	0.222112	-4.50224	0.149043	0.205128	-4.85875	0.0416277	0.288935	-3.45572	0.212477	0.499936	-2.00026	0.03257301	0.266978	3.74563	0.104401	1.391745	-2.55268	0.0104766	0.188525	-5.47876	0.645526	0.127501	1.27701	0.0306718	0.261743	0.015454	11.4555	40.2081	5.364997	1
cg07066594	2CH9;2CH1	0.0126052	0.824116	0.831897	-1.20207	0.147666	0.277125	-3.60848	0.0256417	0.111708	-8.95189	0.0540155	6.10016	6.10016	0.00363424	0.0386403	25.8797	?	?	?	?	?	0.0179346	0.0927148	-10.7858	0.563089	1.6197	1.6197	5.72575	48.2164	9.62396	1
cg00734752	2CHC10	1.12E-05	4.66E-05	0.174027	-5.74577	0.0107199	0.680789	-1.46888	0.0024605	0.183824	5.43478	0.0013824	0.10202	9.80E-06	0.000271	0.0386403	25.8797	0.018573	0.522355	-1.91441	1.19E-05	0.121513	-8.22958	0.117078	0.147307	1.47307	2.53E-05	0.149515	6.69775	99.3539	32.2662	7.02799	1
cg08780837	2CHC10	7.07E-05	0.0494539	0.824537	-1.2128	0.578012	1.04955	1.04955	0.287799	1.07993	1.07993	0.213074	1.11417	1.11417	0.000360225	0.611136	1.6363	0.382415	0.925808	-1.08014	1.24E-06	0.341092	-2.93176	0.323246	0.09177	1.09177	0.353609	1.0856	1.0856	24.2852	2.84853	0.104262	1
cg16625705	2CHC10	0.0143081	0.66354	0.786739	-1.27107	0.448645	0.643442	-1.52797	0.5902441	0.74227	-1.34722	0.756651	0.897771	-1.1908	0.000281374	0.0209728	3.64551	?	?	?	?	?	0.0085066	0.351552	-2.84452	0.897226	1.10398	1.10398	0.0452725	0.194745	-5.13492	4.60648	11.2393	1.85986	1
cg16602500	2CHC11;2CHC11;2CHC11	0.00113207	0.00783989	0.342672	-2.91824	0.493344	0.483495	-2.06827	0.84587	0.941758	-1.06184	0.0106968	0.365327	-2.73727	0.000179803	0.136637	-7.31866	0.000930107	0.021195	-4.7181	0.00351196	0.189384	-5.43526	0.811632	1.07781	1.07781	0.00690059	0.333663	-2.99704	11.359	17.7223	1.38685	1
cg00917972	2CHC11;2CHC11;2CHC11	0.00996665	0.478956	0.8544	-1.17044	0.288999	0.675856	0.675856	-1.47957	0.3512228	0.248993	1.2096	1.2096	0.0199177	0.750904	1.33172	1.33172	0.0662111	1.1642	1.1642	0.0077812	1.28566	0.0188488	1.3215	1.3215	0.0011655	0.0706408	1.41502	1.41502	0.0076408	0.0706408	1	1
cg05931551	2CHC11;2CHC11;2CHC11	0.0234205	0.2564641	1.56487	1.56487	0.0575367	2.25246	2.25246	0.694337	1.16104	1.16104	0.575973	2.10978	2.10978	0.5474031	1.25868	1.25868	0.421235	1.36428	1.36428	0.465507	0.755184	-1.32418	0.000514271	0.776433	0.776433	0.107833	1.94132	1.94132	4.45691	10.0891	2.01217	1
cg16908206	2CHC11;2CHC11;2CHC11	0.0245162	0.0741083	0.413566	-2.418	0.358858	0.658005	-1.51975	0.0907936	0.437483	-2.28582	0.501159	1.34592	1.34592	0.2084	1.34592	0.0154925	0.605342	-1.97886	0.0013667	0.122913	-7.85465	0.197407	0.491725	0.0208975	0.201385	-4.96184	0.143463	2.77056	1	1	1
cg03950476	2CHC11;2CHC11;2CHC11	0.0457813	0.422577	0.786335	-1.27172	0.100604	0.589925	-1.69513	0.0568288	1.88235	1.88235	0.0758184	0.559883	-1.78577	0.563899	0.545757	1.83232	0.847876	0.94204	-1.05797	0.143345	0.412315	-2.42533	0.0311901	0.476179	-2.10005	0.194053	0.568188	1.49658	0.50285	4.77692	1.2122	1
cg00112452	2CHC12	0.00887975	0.139436	0.503472	-1.98521	0.954735	1.02479	1.02479	0.405174	0.692485	-1.44408	0.0970325	2.19425	2.19425	0.923269	1.04244	1.04244	0.949692	1.0276	1.0276	0.136675	0.500681	-1.99728	0.000207179	14.5865	14.5865	0.749246	1.14839	1.14839	6.13851	18.0985	2.62076	1
cg16516118	2CHC12	0.0344759	0.0182132	0.25512	-3.91972	0.0146632	0.164168	-6.09346	0.0124211	0.164528	-6.07611	0.0124211	0.164528	-6.07611	0.0124211	0.164528	-6.07611	0.0766021	0.479438	-2.08578	0.0208404	0.608379	-1.64396	0.633665	0.815383	-1.22646	0.0178728	0.540889	-1.84893	0.95476	2.92626	0.96263	1
cg06442844	2CHC12	0.0330396	0.0226564	0.60942	0.46942	0.245434	0.197456	0.197456	0.105157	0.370007	0.269536	0.103495	2.71061	2.71061	0.030091	0.239663	4.17253	0.58002	0.73124	-1.36754	0.700131	0.805153	-1.242	0.017442	0.505661	0.505661	0.571672	1.37723	1.37723	0.94835	19.6109	4.41499	1
cg23478805	2CHC13	0.0160525	0.341564	0.711449	-1.40503	0.2551	0.588156	0.588156	-1.70015	0.2113102	0.464727	0.2113102	0.464727	0.2113102	0.464727	0.2113102	0.464727	0.2231363	0.19848	-5.03819	0.0019708	0.0702874	-14.2311	0.198484	0.572028	-1.74683	0.0178955	0.559127	-1.78837	0.859655	-1.16326	0.615361	0.98547	1.01504	1
cg15878116	2CHC13;2CHC13	0.00408777	0.404184	1.23211	1.23212	0.0087648	2.26246	2.26246	0.0296375	0.53465	-1.87038	0.370919	1.25193	1.25193	0.000424087	0.255308	3.91684	0.1009	1.44229	1.44229	0.029531	1.87141	1.87141	0.916142	0.02609	1.02609	0.622662	1.12896	1.12896	7.80126	7.38913	0.84193	1
cg14334484	2CHC13;2CHC13	0.00597984	0.121594	1.8065	1.8065	0.0459004	0.446506	-2.23961	0.128687	0.560674	-1.78357	0.0452286	0.445068	-2.24685	0.000216701	0.113669	-8.79748	0.44864	1.13271	1.13271	0.154172	1.71176	0.784322	0.9931	-1.00695	0.525864	0.797321	-1.2542	0.936437	13.6606	1.74806	1
cg04860194	2CHC13;2CHC13	0.0478956	0.0068104	0.312737	-3.19755	0.0023168	0.0013	-7.69231	0.0001-05	0.0013	-7.69231	0.0001-05	0.0013	-7.69231	0.0001-05	0.0013	-7.69231	0.0021881	0.456447	-2.19095	0.0023394	0.427355	-2.34018	0.349191	0.7613	0.7613	0.1312666	1.31313	1.31313	0.36619	2.18357	1	1
cg08550104	2CHC14	0.00012005	0.00178805	0.4603	-2.1725	0.451738	0.874738	-1.1432	0.00941657	0.56296	-1.77633	0.608483	0.913762	-1.09438	0.001254422	0.49338	2.27594	0.00023923	0.345901	2.891	1.21E-05	0.199336	-5.01664	0.00295963	2.0383	2.0383	0.0055274	0.52914	-1.88986	21.0834	10.1743	0.428954	1
cg03725267	2CHC14	0.00140104	0.0002259	0.199233	-5.02239	0.0004043	0.30097	-3.32323	0.0435591	0.348402	-2.87182	0.0501159	0.34592	1.34592	0.0139	0.0035988	2.62833	0.169078	0.73536	-1.367	0.0003586	0.0398802	0.421833	0.0013667	0.122913	-7.85465	0.197407	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg08212981	2CWPW2	5.37E-06	0.214374	1.167877	1.16787	1.507329	0.923252	-1.08313	0.208261	0.85428	-1.17058	0.2004661	0.8533858	-1.17184	2.71E-07		0.164311	-6.08603		0.657303	0.948375	-1.05444	0.515376	1.08145	1.08145	0.393886	1.10924	1.10924	8.61E-07		-4.73679	47.6576	10.6373	0.2111413	-4.73679	47.6576	10.6373	0.1984603	1
cg03820837	2CWPW2	0.00329671	0.0714103	0.726714	-1.37424	0.3333353	1.170641	1.170641	0.958516	0.991821	-1.00825	0.817564	1.03716	1.03716	0.00449856	1.79809	1.79809		0.003447641	0.534128	-1.87221	0.00260115	1.933223	1.933223	0.487614	0.894631	-1.11778	0.00954882	0.59556	-1.67909	0.3224	0.328545	0.3505957	1
cg24277915	2CWPW2	0.0105578	0.347662	0.862423	-1.15952	0.0585444	0.721002	-1.38696	0.000722729	0.455094	-2.19735	0.120519	0.772784	-1.29402	0.2984	0.847906	-1.17938		0.3899537	1.010552	1.010552	0.0240687	1.50962	1.50962	0.950486	1.009055	1.009955	0.0218886	0.656393	-1.52348	5.808669	2.1554	0.329835	1
cg14669521	2CWPW2	0.0242566	0.0243586	0.305187	-3.27668	0.0045402	0.188425	-5.30716	0.0435639	0.858982	-2.78566	0.140238	0.496331	-2.01478	0.2281446	0.57956	-1.72545		0.0661806	0.40261	-2.48372	0.277781	0.607605	-1.64581	0.0517007	0.675703	2.65792	0.163962	0.519081	-1.92648	4.28143	13.2155	2.74374	1
cg13788515	ZDBF2	0.000255306	?	?	?	0.81393	1.13132	1.13132	0.967137	1.02179	1.02179	0.000177876	0.0360087	-27.7971	9.05E-05	0.0256529	-38.9819		0.54959	1.17279	1.37279	0.942747	0.962726	-1.01871	0.003375391	19.6099	19.6099	0.742051	0.8412163	1.07168	67.9354	3.85563	1
cg08578136	ZDBF2	0.000398529	0.537021	1.14878	1.14878	0.188077	1.36274	1.36274	0.647389	0.902421	-1.10752	0.572469	1.13491	1.13491	0.574445	0.887716	-1.13415		0.153757	1.40334	1.40334	0.641004	1.10951	1.10951	1.13E-06	11.6193	11.6193	0.6455446	1.10823	1.10823	15.2156	11.8642	0.6931001	1
cg20577538	ZDBF2	0.000711328	0.771259	0.970824	-1.03005	0.00143047	1.59746	1.59746	0.001269994	1.61218	1.61218	0.837198	1.02112	1.02112	0.06843491	0.812855	-1.23023		0.202753	1.14635	1.14635	0.76094	1.03148	1.03148	3.17E-05	2.2776	2.2776	0.5995731	1.05528	1.05528	12.9525	2.11641	0.145242	1
cg05758434	ZDBF2	0.000818891	0.305642	0.553335	-1.81578	0.0709739	0.728576	-1.37254	?	?	?	?	?	?	0.005078468	0.117938	-8.50394		0.112366	0.180194	-2.63024	?	?	?	0.000578313	22.08	22.08	0.000459571	0.037404	-26.7351	16.5663	52.2006	5.67618	1
cg17644903	ZDBF2	0.00227691	0.492872	0.824118	-1.21268	0.000970394	0.234809	-4.26778	0.0024055	0.29264	-3.41736	0.276246	1.36991	1.36991	0.002032064	0.283959	-3.52345		0.009588832	0.390186	-2.56288	0.00121234	0.240057	-4.03134	0.43975	0.8038668	-1.24399	0.00265339	0.297793	-3.35804	1.043049	0.9581	0.9202163	1
cg00450106	ZDBF2	0.00263833	0.628153	0.907222	-1.10227	0.000672476	0.354274	-2.82268	0.531962	1.13463	1.13463	0.137194	1.37629	1.37629	0.918911	0.979889	-1.02052		0.846689	0.962119	-1.03937	0.992621	1.00185	1.00185	0.000225051	3.40173	3.40173	0.773231	1.05933	1.05933	8.88983	5.60388	0.5603529	1
cg22162281	ZDBF2	0.00288015	0.455383	0.708343	-1.41139	0.0167564	0.815443	-1.22633	0.0837908	1.28246	1.28246	0.002069783	1.45206	1.45206	0.006569	1.69307	1.69307		0.126417	0.474215	-2.10878	0.0139551	1.186851	1.186851	0.004969396	11.4222	11.4222	0.212621	1.183171	1.183171	8.662218	28.22	2.895983	1
cg27506082	ZDBF2	0.00883613	0.695159	0.806819	-1.23944	0.0704194	0.104178	3.010075	0.1404021	2.37576	2.37576	0.922495	0.98434	-1.05447	69	1.24424	1.24424		0.684662	0.800359	-1.24944	0.0395364	0.275891	-3.65508	0.000255154	26.6682	26.6682	0.298211	1.79994	1.79994	6.1481	28.9283	4.18244	1
cg00959661	ZDBF2	0.0325658	0.0188068	0.685845	-1.50185	0.247983	0.841398	-1.18558	0.810371	1.05624	-1.0355	0.470383	0.900285	-1.11076	0.686138	1.05983	1.05983		0.814231	1.104224	1.104224	0.6668483	0.770611	-1.29767	0.002971	1.7917	1.7917	0.588051	0.934753	-1.08137	1.98688	1.28616	0.2880555	1
cg09779833	ZDBF2	0.0476048	0.317386	1.27622	1.27622	0.0939146	0.647481	-1.54445	0.0402056	1.73824	1.73824	0.820726	1.05502	1.05502	0.310243	0.780532	1.28118		0.232887	1.744385	-1.34339	0.545208	0.865467	-1.15545	0.00872018	2.20044	2.20044	0.174665	0.711268	-1.40594	3.45173	3.04443	0.784	1
cg03821384	2DHC11	0.000747355	0.0104926	2.68328	2.68328	0.0483704	0.143543	4.348142	1.24091	1.24091	0.88977	1.77387	1.77387	0.600954	0.3333188	2.9995			0.00412445	3.25088	3.250888	0.00246706	6.3938	6.3938	0.000577006	5.11531	5.11531	0.685877	0.882842	-1.13271	12.7742	19.0007	1.32215	1
cg05413199	2DHC11	0.00219991	0.0289776	1.36985	1.36985	0.6858771	1.05096	1.05096	0.00878868	1.50364	1.50364	0.000636737	1.88881	1.88881	0.079937	0.950554	-1.05202		0.0134011	0.679013	-1.47273	0.00223186	0.550463	-1.68787	0.0204893	0.710842	1.40678	0.0832955	1.2641	1.2641	11.172	2.64589	0.210363	1
cg10439725	2DHC11	0.00120929	0.0872843	0.715711	-1.39721	0.000929696	2.40077	2.40077	0.00649679	1.87148	1.87148	0.439042	0.869507	-1.15008	0.00190768	0.458855	-2.17934		0.117023	0.739583	-1.35211	0.00204421	2.15984	2.15984	0.875967	1.02806	1.02806	0.1176577	0.740049	-1.35126	11.1472	5.5416	0.4418893	1
cg08968184	2DHC11	0.00379186	0.710858	0.879043	-1.13761	0.00133078	5.05115	5.05115	0.5246	1.25013	1.25013	0.465351	1.29137	1.29137	0.01112793	0.333246	-3.00078		0.0590297	2.09205	2.09205	0.0010917	4.59805	4.59805	0.00702465	3.34241	3.34241	0.8424907	0.933458	-1.07131	7.97981	15.1502	1.68762	1
cg14440934	2DHC11	0.00733978	0.941072	0.983672	-1.0166	0.0168104	0.522209	-1.91494	0.146476	1.41746	1.41746	0.306599	1.790014	-1.2658	?	?	?	?	0.001375754	1.355757	-2.83091	0.0358647	1.72234	1.72234	0.0750812	1.61161	1.61161	0.3426575	1.24121	1.24121	6.65376	4.64404	0.698107	1
cg16219266	2DHC11	0.00917893	0.0485326	2.20002	2.20002	0.316549	1.4366	1.4366	0.573249	0.819439	-1.22035	0.293362	1.46429	1.46429	0.0285722	0.405021	-2.46901		0.0189458	2.202559	2.70259	0.000912342	5.66721	5.66721	0.0286551	2.46745	2.46745	0.9700004	0.98693	-1.01324	0.07428	11.7765	1.72333	1
cg00420361	2DHC11	0.0283723	0.1800077	0.800245	-1.24962	0.3265144	1.172917	1.172917	0.985406	1.00287	1.00287	0.311292	1.364792	1.364792	0.1393582	0.73277	-1.36455		0.703554	0.941881	-1.0617	0.807051094	0.646286	1.06153	1.06153	1.47026	0.320174	0.851496	1.1744	1.16383	1.61692	2.34406	0.344806	1
cg09451235	2DHC11	0.0313991	0.0620585	9.29578	9.29578	0.0891526	7.31173	7.31173	0.440593	2.30402	2.30402	0.223141	3.89023	3.890233	0.1619328	2.04963	2.04963		0.0357674	13.365	13.3685	0.00407888	59.7892	59.7892	0.0197063	19.8717	19.8717	0.1713387	6.690005	6.420103	71.7276	15.8561	1
cg08144503	2DHC11	0.0319209	0.6167726	1.10882	1.10882	?	?	?	0.488085	1.15512	1.15512	0.344936	0.8192211	-1.22068	0.0844172	0.676539	-1.47811		0.875098	0.991571	-1.00511	0.9103128	1.94305	1.94305	0.00648158	2.06323	2.06323	0.3123594	1.23853	1.23853	6.08273	2.39748	0.5899693	1
cg12157377	2DHC11	0.00792596	0.00189654	0.233761	-4.27787	0.670638	0.868258	-1.15173	0.00365799	0.273097	-3.66171	0.425971	0.764562	-1.30794	0.000580044	0.172489	5.797474		0.00569549	0.301964	-3.31165	0.000104221	0.103778	-9.63592	0.00223921	0.243329	-4.10966	0.00326838	0.266064	-3.75849	12.5649	21.7011	1.53522	1
cg01485909	2DHC11	0.00151306	0.00205169	0.184475	-5.42079	0.000877282	0.143513	-6.96802	0.0854272	0.407166	-2.09571	0.609035	1.2223	1.2223	0.320366	0.670621	-1.49115		0.734141	0.857752	-1.16635	0.0002289	0.0923754	-10.8254	0.00157139	0.170838	-5.85351	0.0117787	0.2940022	3.40111	0.45035	25.0694	2.33177	1
cg14480515	2DHC11	0.00966609	0.0177336	0.473107	-2.11422	0.00986638	1.97073	1.97073	0.0258659	1.50364	1.50364	0.000636737	1.88881	1.88881	0.079937	0.950554	-1.05202		0.8398727	0.985364	-1.01487	0.7107091	1.20173	1.20173	0.0650711	1.90602	1.90602	0.1036641	0.97509	0.503853	1.04	0.2704552	1
cg25228871	2DHC11	0.0107163	0.0590262	0.702406	-1.42368	0.263634	1.08464	1.08464	0.0123569	0.596856	-1.67544	0.00903966	1.73291	1.73291	0.725151	1.06023	1.06023		0.2406944	1.2257	1.2257	0.193904	1.25576	1.25576	0.0736213	0.718601	-1.39159	0.00750316	0.565418	-1.7686	5.780494	2.51348	0.386477	1
cg14554875	2DHC12	7.68E-05	0.15057	1.782661	-1.27709	0.0283583	0.98639	-1.38639	0.0132476	1.47321	1.47321	0.11789	1.32074	1.32074	0.0818842	0.753584	-1.35899		0.2080667	1.23457	1.23457	0.1919292	1.07151	1.24576	1.02E-07	1.68229	1.68229	0.1984284	1.68822	1.68822	10.8786	9.5253	0.356373	1
cg13550642	2DHC12	0.00275592	0.0150065	3.525676	-3.07053	0.00569985	0.256569	-3.89759	0.356741	0.700719	-1.42711	0.359539	1.38623	1.38623	0.000550917	0.133627	7.48354		0.2180863	1.340534	-2.93656	0.0058254	0.851942	-1.73567	0.0726115	0.471633	-2.12029	0.0137908	0.319128	0.133354	8.76306	19.5677	1.98193	1
cg23003832	2DHC12	0.00340251	0.11258	0.61981	-1.61337	0.13429	0.639459	-1.56382	0.251328	1.39359	1.39359	0.0998422	1.64769	1.64769	0.00243888	0.310971	-3.21573		0.0373671	1.95233	1.95233	0.0004702	0.218293	-4.58099	0.763567	0.926589	-1.07923	0.0731604	0.575009	-1.7391	8.24315	10.0112	1.07954	1
cg07750969	2DHC12	0.00919504	0.1373303	0.840845	-1.18951	0.2018246	1.18224	1.18224	0.2960597	0.844197	1.18418	1.18418	0.2614483	1.184182	0.2960597	0.844197	1.18418		0.130947	0.831207	-1.20307	0.2614483	1.14212	1.14212	0.0457851	1.32192	1.32192	0.1396513	0.876508	1.14212	2.29637	0.2358	0.180412	1
cg19973884	2DHC12	0.0260202	0.0255676	0.674633	-1.48229	0.224158	2.10854	2.10854	0.0248157	1.48641	1.48641	0.108206	0.7710146	-1.29694	0.128936	1.27563	1.27563		0.0895279	0.757495	-1.32014	0.198178	0.81728	-1.22357	0.333138	1.15965	1.15965	0.0526674	1.38655	1.38655	4.2969	1.49803	0.309894	1
cg12204807	2DHC12	0.0319886	0.12804	1.16182	1.16182	?	?	?	0.0796536	0.624777	-1.60156	0.0148085	1.15512	1.15512	0.344936	0.8192211	-1.22068	0.0844172	0.676539	-1.47811	0.5538868	1.80679	0.955171	-1.05111	0.0103128	1.94305	1.94305	0.00648158	2.06323	2.06323	0.3123594	1.23853	1.23853	6.08273	2.39748	0.5899693	1
cg00161556	2DHH13;2DHH13	0.00494705	0.10393	0.515765	-1.93887	0.0223797	2.77049	2.77049	0.0163607	2.98286	2.98286	0.275722	1.52538	1.52538	0.000453204	0.127693	-7.8313		0.7623337	1.893199	-1.11957	0.0555588	2.24327	2.24327	0.72558	0.877012	-1.14023	0.837149	0.926221	1.079966	7.36248	16.17	1.95225	1
cg14409029	2DHH13;2DHH13	0.0182482	0.112965	0.437367	-2.28461	0.07705563	0.389691	-2.56613	0.261743	0.570636	-1.75243	0.644118	1.24981	1.24981	0.000394794	0.068845	-14.96		0.6684616	0.376075	-2.65904	0.374675	0.646105	-1.54774	0.805681	0.888562	-1.12541	0.0530745	0.348663	-2.86681	4.85271	17.6609	3.235	1
cg11459596	2DHH13;2DHH13	0.0182531	0.1700915	0.748166	-1.33667	0.0098668	1.91073	1.91073	0.0255769	1.70174	1.70174	0.0426725	1.53726	1.53726	0.0154756	1.42061	-1.36213		0.1086689	1.41539	1.41539	0.713274	1.07603	1.07603	0.0923164	1.71295	1.71295	0.1388704	1.21663	1.21663	7.94552	2.60655	0.550317	1
cg19941475	2DHH13;2DHH13;2DHH13;2DHH13;2DHH13;2DHH13	0.0473347	0.153122	2.23413	2.23413	0.914662	0.945792	-1.05732	0.0112309	0.180396	-5.54336	0.135727	2.32953	2.32953	0.388923	0.630791	-1.58531		0.517015	0.710155	-1.40814	0.0118219	5.43966	5.43966	0.630594	1.28686	1.28686	0.509373	1.41729	1.41729	3.75963	15.7559	3.25951	1
cg11208039	3	0.0113229	0.4900011	0.931498	-1.07354	0.344055	0.906074	-1.10366	0.157671	0.858222	-1.1652	0.092078	0.82887	-1.20646	0.967092	0.995834	1.00418		0.00429508	1.4178	1.47178	0.0374298	1.48607	1.48607	0.0161741	1.29035	1.29035	0.158196	1.16494	1.16494	5.67927	0.921178	0.144178	1
cg25661132	2DHH14;2DHH14	0.000160447	0.00074587	0.774729	-1.29077	0.0188358	0.867714	-1.15245	0.115848	1.08345	1.08345	0.00942993	1.17833	1.17833	0.000275393	0.743017	-1.34586		0.000114164	0.713413	-1.40171	0.00306441	0.816919	-1.22411	0.00533406	1.20081	1.20081	0.2140472	1.06741	1.06741	19.4096	0.7680401	0.0350112	1
cg18358854	2DHH14;2DHH14	0.000341369	0.00585172	0.749525	-1.33396	0.0197366	0.824729	-1.21262	0.0159124	1.03938	1.03938	0.0180525	1.25564	1.25564	0.00106	0.796055	-1.25618		0.000562757	0.229019	-4.36645	0.0001766	0.520387	-1.92172	0.0197662	0.450908	2.21759	0.158253	0.7184	1.39182	1.3744	0.4508	0.3272691	1
cg04302618	2DHH14;2DHH14	0.000972966	0.3880037	1.1215	1.1215	0.0128662	0.670101	-1.49231	0.0222066	0.70096	-1.42661	0.656008	1.05981	1.05981	0.802023	0.968109	0.03294		0.769108	0.9889	-1.01889	0.376	0.035148	-2.59458	0.956919	1.00703	1.00703	0.000279218	0.462821	-2.16066	11.8583	3.15493	0.236492	1
cg00017931	2DHH14;2DHH14	0.00119248	0.0010447	0.479454	-2.08603	0.0041879	0.354252	-2.82274	0.1129486	0.852762	-1.17274	0.2166382	1.2966356	1.2966356	0.0023609	0.4922369	-2.03144		0.3147463	1.2063	1.2063	0.4531638	0.871148	-1.14793	0.0973166	0.8014958	1.51884	1.51884	0.0082165	1.51884	1.51884	4.0755	0.845551	0.1455551	1
cg09448452	2DHH14;2DHH14	0.00237868	0.0639948	1.51172	1.51172	0.585194	1.11562	1.11562	0.00172033	0.41146	-2.43037	0.168514	0.747305	-1.33814	0.000598469	0.34946	-2.86156		0.0249542	0.588818	-1.69832	0.00475912	0.475161	-2.10455	0.112308	0.40945	1.40945	0.0895309	0.689625	-1.45006	9.1651	5.72016	0.554777	1
cg08372729	2DHH14;2DHH14	0.00459153	0.0060903	0.581361	-1.72059	0.0237183	0.180756	-5.53307	0.0149861	0.598857	-1.67073	0.0387571	0.735864	-1.35889	0.0134917	0.755264	-1.32419	0.0700763	0.561904	-1.77966	0.2080667	1.23457	1.23457	0.1919292	1.07151	1.24576	1.02E-07	1.68229	1.68229	10.8786	9.5253	0.356373	1
cg08929197	2DHH14;2DHH14	0.00632764	0.450073	0.881369	-1.1346	0.163907	0.783695	-1.27601	0.60721	0.884506	-1.13015	0.0128876	0.463176	2.159	0.0122197	0.495179	2.02147		0.0548338	0.699547	-1.4295	0.2102591	0.850848	1.17513	0.0020239	0.485019	2.06182	0.626801	0.91047	1.09782	0.9347	0.379004	1
cg27087505	2DHH14;2DHH14	0.0113968	0.108926	1.25551	1.25551	0.467064	0.908175	-1.10111	0.0659818	0.764552	-1.30795	0.206397	1.18941	1.18941	0.6603861	1.31737	1.31737		0.545078	0.92338	-1.08298	0.000615749	1.98633	1.98633	0.0356707	1.37466	1.37466	0.881223	1.01965	1.01965	5.66734	1.52048	0.238478	1
cg20875215	2DHH14;2DHH14	0.0134447	0.0573717	0.744966	-1.34209	0.0193947	0.68317	-1.46377	0.1133257	1.18418	1.18418	0.0180525	1.25564	1.25564	0.00106	0.796055	-1.25618		0.1109042	0.683206	-1.46372	0.0444018	0.724018	1.29006	0.0196106	0.7744704	1.34282	0.8082682	1.13797	1.39686	0.5637775	0.886283	-1.12881	0.2708358	0.602399	1
cg23206115	2DHH14;2DHH14	0.0152326	0.32917	0.829477	-1.20558	0.00123803	0.240251	0.40251	0.652827	1.0877	1.0877	0.374604	0.8443351	-1.18434	0.951235	1.01142	1.01142		0.537753	1.12281	1.12281	0.718062	0.934904	-1.06963	0.140018	0.7447704	1.34282	0.00732341	0.526307	-1.90003	5.15439	2.81352	0.4852	1
cg10125345	2DHH14;2DHH14	0.0153795	0.00637205	0.207026	-4.83054	0.0105712	0.320914	-3.11548	0.00546226	0.280194	-3.56235	0.010464	0.259426	-4.17059	0.197534	0.544685	-1.82988		0.015949	0.379905	-2.63255	0.0114981	0.246018	-4.06474	0.0014898	0.374049	-2.67345	0.0155291	0.136371	-7.32939	1.18002	2.57918	1	
cg10372345	2DHH14;2DHH14	0.0196112	0.723075	-2.05257	-1.05013	0.2856377	1.16468	1.16468	0.238924	0.844046	-1.18477	0.490994	0.908313	-1.10055	0.06881006	0.755145	-1.32425		0.0495528	0.749005	-1.33435	0.136072	0.624031	-1.60253	0.0156192	0.663536	-1.50705	0.0116152	0.792891	-1.26121	4.73602	1.41744	0.2260234	1
cg15019848	2DHH14;2DHH14	0.020944	0.344146	0.633066	-1.57961	0.163672	0.6281	-1.5921	0.111731	0.450658	-2.21898	0.717284	0.843158	-1.18602	0.01251715	0.109745	-9.11203		0.0119327	0.229486	-4.35757	0.0617116	0.18715	-5.34331	0.1038	0.4646661	-2.1521	0.337929	0.629098	-1.58958	4.63125	16.1449	3.09874	1
cg03061585	2DHH14;2DHH14	0.0210492	0.158654	0.4	-2.50001	0.0298668	0.119173	-8.39059	0.0208597	0.21907	-4.56621	0.0139707	0.17807	0.2811885	1.13022	0.1822573	-5.48615		0.2954851	0.1827	0.87617	0.1188851	0.132706	0.132706	0.0945535	0.890285	1.12124	0.2949363	1.13894	1.13894	4.6125	1.2014	0.2014554	1
cg04906636	2DHH14;2DHH14	0.0234596	0.4179882	1.19681	1.19681	0.0710509	1.54922	1.54922	0.00420199	0.435056	-2.29855	0.598855	1.12213	1.12213	0.87979	0.967682	-1.0334		0.3240325	0.83064	-1.20389	0.00509069	2.23377	2.23377	0.963473	1.00999	1.00999	0.948178	1.01421	1.01421	4.45435	3.32429	0.66338	1
cg24443054	2DHH14;2DHH14	0.0249513	0.0260078	0.638243	-1.57373	0.413266	0.752521	-1.32887	0.000553866	0.163733	-6.18381	0.175798	0.633044	-1.6312	0.4714561	0.779583	-1.28274		0.1006511	0.503485	-1.98622	0.0844779	0.106551	0.106551	0.0196823	0.4149167	2.71048	0.512246	0.797771	-1.25349	4.82766	7.86448	1.62469	1
cg23389785	2DHH14;2DHH14	0.0264779	0.0469052	0.259044	-3.86035	0.0155552	0.171732	-5.82304	0.0241916	0.193966	-5.15554	0.201913	0.448739	-2.22847	0.00914121	0.140006	-7.14257		0.0158856	0.173105	-5.77684	0.0156215	0.175696	-5.69165	0.0314027	0.223368	-4.47692	0.0725008	0.304228	-3.28701	4.20778	23.8503	4.96403	1
cg07173311	2DHH14;2DHH14	0.0295058	0.316041	0.838636	-1.19241	0.00182221	2.121165	2.121165	0.106218	1.34918	1.34918	0.113851	1.33914	1.33914	0.29965	0.985122	-1.0151		0.270218	1.21518	1.21518	0.0198356	1.61199	1.61199	0.141962	1.30739	1.30739	0.538446	0.899661	-1.11153	4.11098	1.87639	0.405719	1
cg19125279	2DHH14;2DHH14	0.0313543	0.0597337	0.695161	-1.43879	0.0329183	0.68317	-1.46377	0.1133257	1.18418	1.18418	0.0180525	1.25564	1.25564	0.00106	0.796055	-1.25618		0.0722241	0.878943	-1.13773	0.2708358	0.602399	1.13797	1.39686	0.5637775	0.886283	-1.12881	0.2708358	0.602399	1.13797	1.39686	0.5637775	0.886283	-1.12881	0.2708358	0.602399	1
cg03435677	2DHH14;2DHH14	0.0329561	0.076365	0.70885	-1.41081	0.990937	1.00198	1.00198	0.542002	1.11377	1.11377	0.0918677	0.723288	-1.38257	0.706096	0.936007	-1.06837		0.762963	1.05422	1.05422	0.00258943	0.272458	0.27258	0.196633	1.269311	1.26911	0.0743195	1.41499	0.96755	1.91478	0.428986	1	
cg06647446	2DHH14;2DHH14	0.0329604	0.0206102	0.554114	-1.80456	0.0876556	0.567569	-1.76207	0.47586	0.895894	-1.11652	0.256236	0.459336	-2.17666	0.442658	1.15872	-1.15872	0.167248	0.35321	-2.83179	0.0319702	0.22988	0.22988	0.0171871	0.927875	-1.07773	0.656125	1.08818	1.08818	0.1874	0.3774	2.65039	1
cg15401922	2DHH14;2DHH14	0.0403219	0.484315	0.931118	-1.07398	0.787715	1.02747	1.02747	0.159335	1.16302	1.16302	0.0632069	1.23345	1.23345	0.709739	0.963152	1.03826		0.0458736	0.794685	-1.25836	0.817899	0.977107	-1.02343	0.21499	1.14005	1.14005	0.00378088	1.48048	1.48048	3.67227	0.5864771	0.141958	1
cg03054050	2DHH14;2DHH14	0.0425534	0.781914	0.966286	-1.03489	0.135489	1.21999	1.21999	0.621638	1.06341	1.06341	0.870727	1.02031	1.02031	0.0143118	0.678057	-1.4748	0.0752873	1.52962	1.52962	0.743297	1.04145	1.04145	0.112428	0.901387	-1.1094	0.189035	0.84201	-1.18763	5.5908	0.870781	0.21502	1
cg25620340	2DHH14;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	Ratio(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-111T 057 vs. N)	Ratio(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-112T 117 vs. N)	Ratio(112T vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121T 127 vs. N)	Ratio(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-124T 247 vs. N)	Ratio(124T vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-147T 477 vs. N)	Ratio(147T vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N)	Ratio(153T vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-537T 377 vs. N)	Ratio(537T vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563T 637 vs. N)	Ratio(563T vs. N)	t(Test)	S$(Test)	S$(Error)		F(Error
cg01278488	ZDHHC7;ZDHHC7	0.0149079	0.329998	0.705532	1.26201	0.00184271	2.76613	2.76613	0.945865	1.01574	1.01574	0.213784	0.750381	-1.33266	0.642818	0.898128	-1.11343	0.217841	0.742129	-1.34747	0.0271184	0.449435	-2.22502	0.0504836	0.598806	-1.66999	0.774694	0.936108	-1.06825	5.18781	4.34859	0.745095	1		
cg01715842	ZDHHC7;ZDHHC7	0.019838	0.409675	1.11481	1.11481	0.0911841	1.34325	1.34325	0.00102802	2.16325	2.16325	0.300267	1.18561	1.18561	0.834984	0.967455	-1.03364	0.349374	0.858303	-1.16509	0.0371668	0.68131	-1.46776	0.991138	1.00176	1.00176	0.302375	0.844116	-1.18467	4.71758	1.87973	0.354181	1		
cg00497472	ZDHHC7;ZDHHC7	0.0451726	0.0726149	0.47311	-2.11367	0.00570783	3.87429	3.87429	0.0329719	2.53919	2.53919	0.609078	1.21255	1.21255	0.48119	0.765267	-1.30673	0.538326	0.792311	-1.26213	0.306914	0.673529	-1.48472	0.372702	1.40769	1.40769	0.444443	0.747292	-1.33816	3.52048	7.78454	1.96553	1		
cg07285974	ZDHHC7;ZDHHC7	0.0473205	0.469847	0.873717	-1.14454	0.290917	0.817727	-1.22272	0.900385	0.977209	-1.02326	0.0449545	0.655408	-1.52577	0.231669	0.79427	-1.25902	0.373738	0.845653	-1.18225	0.262189	0.806818	-1.23944	0.00317355	2.09586	2.09586	0.901803	0.977591	-1.02292	3.46009	1.84738	0.474587	1		
cg11536673	ZDHHC8	0.000232403	0.308334	1.16196	1.16196	5.76E-06	4.27699	4.27699	0.000903105	2.02789	2.02789	0.0109323	1.58316	1.58316	0.0673087	0.74685	-1.33896	0.249854	0.842649	-1.18673	0.725587	1.05145	0.625739	0.932414	-1.07248	0.41593	0.888365	-1.12566	17.6337	5.66148	0.285333	1		
ch.22.1074038	ZDHHC8	0.00101867	0.00383689	0.483244	-2.06935	0.00135399	0.419653	-2.38292	0.000133278	0.290585	-3.44133	0.0011532	0.410159	-2.43809	0.00112288	0.408591	-2.44743	0.0235688	0.603765	-1.65627	0.0296516	0.620187	-1.61242	0.187026	0.770207	-1.2982	0.860919	0.967805	-1.03327	11.4267	6.302	0.490235	1		
cg07580677	ZDHHC8	0.00118483	0.00183485	0.364497	-2.74351	0.0161591	0.511175	-1.95628	0.0104986	0.479803	-2.08419	0.0108117	0.4819	-2.07512	4.30E-05	0.169989	-5.88272	0.00961096	0.473534	2.11178	0.00710614	0.452483	-2.21003	0.936256	0.981925	-1.01841	0.0324646	0.565017	-1.76986	11.2124	9.23433	0.732071	1		
cg08204155	ZDHHC8	0.005028884	0.010617	0.177955	-5.62372	0.0198139	0.207526	2.49044	0.0527404	1.53011	1.53011	0.106263	1.43535	1.43535	0.366108	0.828857	-1.2094	0.0243446	0.188076	-5.31701	0.00319387	0.1176	-8.50344	0.00127964	0.0801559	-12.4757	0.00829715	0.163004	-6.13269	7.32672	33.5093	4.656995	1		
cg16756998	ZDHHC8	0.0347088	0.433034	0.900297	-1.11074	0.102926	1.26392	1.26392	0.387051	1.13875	1.13875	0.0201476	0.692164	-1.44474	0.106273	0.793297	-1.26056	0.16958	0.825239	-1.21177	0.220983	1.33473	0.43373	0.223694	1.18272	1.18272	0.13631	1.23455	1.23455	3.87884	1.05871	0.242617	1		
cg01191985	ZDHHC8	0.0486736	0.529144	0.836238	-1.19583	0.0938561	0.596432	-1.67664	0.477119	0.816462	-1.2248	0.0371627	0.507291	-1.97126	0.005714	0.361838	-2.76367	?	?	?	0.0214966	0.46083	-2.17	0.854775	0.949903	-1.05274	0.0573041	0.547052	-1.82798	3.47577	3.84814	1.10777	1		
cg06845706	ZDHHC9P	0.0488575	0.715034	0.97921	-1.02109	0.704826	0.92426	1.08192	0.76613	1.04755	1.04755	0.0156554	1.21321	1.21321	0.00360153	2.2689	-1.26457	0.0356644	0.595553	1.55556	1.15556	0.61716	0.900529	-1.11046	0.0955153	1.4639	1.4639	0.0452965	1.17238	0.263936	0.784121	2.75351	3.41799	2.33961	0.608444	1		
cg00291164	ZDHHC9;ZDHHC9	0.000181064	0.507424	1.16959	1.16959	0.00251845	0.376368	-2.65697	0.00157292	0.347236	-2.87694	0.00155799	0.3467	-2.88433	7.67E-05	0.243223	-4.11355	0.0238115	0.643294	1.43644	1.43644	2.79E-05	0.146051	-6.84694	0.940069	1.01767	1.01767	0.00773115	0.450673	-2.2189	18.8729	16.2194	0.763914	1		
cg07905151	ZDHHC9;ZDHHC9	0.00537521	0.219691	-4.67993	0.0323301	0.345647	-2.89312	0.0269499	0.34646	-2.8899	0.630711	0.814082	-1.22837	0.0077682	0.234803	-4.2589	?	?	?	0.0216056	0.938096	1.03347	1.03347	0.223801	1.71882	1.71882	0.0876496	0.996301	1.06803	4.32012	12.0383	2.52966	1		
cg00139244	ZEB1;LOC220930;ZEB1;ZEB1;ZEB1	0.00686314	0.0174383	1.32927	1.32927	0.00196196	0.650247	-1.53788	0.1933118	0.917599	-1.0898	0.346604	1.10001	1.10001	0.0733835	0.821733	-1.21694	0.146329	0.857829	-1.16573	0.0696301	1.2087	1.22087	0.0160863	1.336	1.336	0.15332	1.16227	1.16227	6.655951	1.01956	0.136161	1		
cg06637963	ZEB1;LOC220930;ZEB1;ZEB1;ZEB1	0.0141073	0.488278	0.911603	-1.09697	0.548976	1.08297	1.08297	0.645903	1.1027	1.0627	0.00669864	0.629836	-1.58772	0.356238	1.13285	1.13285	0.855659	1.02422	1.02422	0.00240859	0.573705	-1.74306	0.0747522	0.770351	-1.29811	0.0364803	1.37649	1.37649	4.75286	1.44669	0.243246	1		
cg25231972	ZEB1;LOC220930;ZEB1;ZEB1;ZEB1;ZEB1	0.00359307	0.992635	0.999409	-1.00059	0.973715	1.00211	1.00211	0.726913	1.02269	1.02269	0.576854	0.964572	-1.03673	0.98401	1.00128	1.00128	0.947541	1.00422	1.00422	3.62E-05	0.600945	-1.66405	0.685691	1.02638	1.02638	0.502141	1.04455	1.81981	0.525921	0.0576443	1		
cg00440940	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	1.88E-05	0.0109499	0.519317	-1.96436	0.00276726	2.49044	2.49044	0.0527404	1.53011	1.53011	0.106263	1.43535	1.43535	0.366108	0.828857	-1.2094	0.604137	0.898379	-1.11333	0.00142214	0.388385	-2.57476	4.30E-07	18.85	18.85	0.10035	0.609148	-1.44603	0.342224	22.8853	0.580966	1		
cg14784699	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	0.00097772	0.25454	0.679227	-1.47226	0.0123157	0.0804	1.0804	0.0827401	1.04819	1.04819	0.459811	1.27945	1.27945	0.0625851	1.01251	1.01251	0.623841	0.851545	-1.17434	0.00103093	0.0107102	-1.93592	0.00022622	7.34223	7.34223	0.0886871	0.543051	-1.84345	11.8419	19.8251	1.448813	1		
cg24861272	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	0.00243201	0.0286877	0.425192	-2.35188	0.202621	1.56169	1.56169	0.0441674	2.15155	2.15155	0.0964209	1.83104	1.83104	0.550549	0.818615	-1.22158	0.374841	0.949105	-1.05362	0.000969101	0.196452	-5.09031	0.00126005	4.75945	4.75945	0.0421648	0.460364	-2.1722	9.10559	15.8368	1.54599	1		
cg03791928	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	0.00268272	0.085197	0.520277	-1.92205	0.708851	1.12716	1.12716	0.251705	1.50025	1.50025	0.24062	1.32449	1.32449	0.0596642	1.55556	1.55556	0.868232	0.944586	-1.05866	0.0193144	0.209466	-4.96288	0.000868459	5.85294	5.85294	0.0133724	0.534943	-1.86915	16.5151	5.45969	1		
cg00499861	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	0.00380719	0.36392	0.742774	-1.3463	0.224491	0.665875	-1.50178	0.30801	0.704567	-1.40733	0.209057	0.76908	-1.30007	0.121933	0.586068	-1.70629	0.613459	0.850151	-1.17626	0.0258952	0.430448	-2.32316	0.000147299	8.00833	8.00833	0.0235435	0.670988	-1.49094	0.707014	12.8218	1.42998	1		
cg00530933	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	0.00436584	0.025868	0.317461	-3.14909	0.0108997	0.163188	6.13158	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	1		
cg04623171	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	0.0159336	0.101861	0.512758	-1.95024	0.140847	0.553862	-1.80551	0.399292	1.37971	1.37971	0.951241	1.02307	1.02307	0.143552	0.556405	-1.79725	0.536528	0.791791	-1.26296	0.00436806	0.241673	-4.13781	0.00447197	4.1129	4.1129	0.131901	0.545204	-1.83418	5.07801	11.19	1.95878	1		
cg11799172	ZEB1;ZEB1;ZEB1;LOC220930;ZEB1	0.0375965	0.208129	0.775175	-1.29003	0.549456	1.12324	1.12324	0.124246	0.726577	-1.37632	0.342954	0.829042	-1.20621	0.0121137	0.548718	-1.82243	0.107957	0.714216	-1.40014	0.277222	0.805048	-1.24216	0.00936802	1.88188	1.88188	0.715092	0.932068	-1.07288	4.76781	2.1974	0.518403	1		
cg00789787	ZEB1;ZEB1;ZEB1;LOC220930	0.00389843	0.468948	0.94722	-1.05573	0.125576	1.29178	1.29178	0.0143266	1.37075	1.37075	0.0229255	0.75073	1.3655	0.0042895	0.731557	-1.36703	0.0011938	0.764285	-1.30847	0.00120267	0.14026	-7.13071	0.0010791	1.7885	1.7885	0.0059074	1.13361	1.13361	0.0762756	1.25	3.577	0.349955	1		
cg02156314	ZEB1;ZEB1;ZEB1;ZEB1;LOC22030	0.00225821	0.206518	0.865613	-1.15525	0.00200169	1.60393	1.60393	0.0330344	1.30997	1.30997	0.695681	0.958313	-1.0435	0.33478	0.897854	-1.11377	0.642737	0.950659	-1.0519	0.000327475	0.533264	-1.87525	0.0228993	1.34292	1.34292	0.239491	1.14273	1.14273	9.30587	1.72926	0.165177	1		
cg12758636	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.0158361	0.375839	0.793919	-1.25957	0.0133727	0.245465	2.24345	0.0153907	1.31857	1.31857	0.245581	1.26652	1.26652	0.0157754	1.46744	1.46744	0.147149	0.905568	1.10427	0.0121007	0.148706	-6.72731	0.00119383	1.37106	1.37106	0.0709038	0.914483	-1.09329	25.9553	0.907618	0.0396178	1		
cg26365110	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.00142757	0.0459414	0.620821	-1.61077	0.0693143	0.645788	-1.52721	0.0409025	1.597	1.597	0.520597	0.873104	-1.14534	2.75E-05	0.178616	-5.59859	0.0267996	0.76281	-1.30173	0.253659	0.42165	-2.44004	0.000245	1.42005	1.42005	0.0144205	1.17746	1.17746	10.6298	7.33074	0.611341	1		
cg18516609	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.00553021	0.000798454	0.212649	-4.70259	0.0629369	0.527486	-1.89578	0.837766	0.939242	-1.06449	0.784636	0.901208	-1.10962	0.00995589	0.369652	-2.70525	0.00629968	0.336936	-2.96792	0.0123056	0.385535	-2.5938	0.0512549	1.97119	1.97119	0.282735	0.710875	-1.40672	7.11558	10.5343	1.31596	1		
cg12336709	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.0120165	0.0173004	0.2744	-3.64435	0.0148569	0.170015	1.07515	0.318357	0.825589	-1.2164	0.0339059	0.746562	-1.33983	0.0315864	0.741419	-1.34892	0.929622	1.01709	1.01709	0.0153844	0.492276	-2.16321	0.737925	0.915555	-1.09232	0.466206	-2.14443	0.619978	-1.61288	0.324574	0.513877	1		
cg18798264	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.0123239	0.183433	0.562598	-1.76898	0.34941	0.47593	1.47593	0.984429	1.00792	1.00792	?	?	?	0.0434258	0.391156	2.55653	0.00251747	0.183157	5.44909	0.0781805	0.12807	-7.80934	0.00732	1.26319	1.26319	0.0206534	1.08782	1.08782	5.63323	12.9526	2.29932	1		
cg19038442	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.0129321	0.0207704	0.373647	-2.67655	0.0260569	0.414416	2.41464	0.0134863	2.42164	2.42164	0.0133633	2.42164	2.42164	0.0133633	2.42164	2.42164	0.0133633	2.42164	2.42164	0.0133633	2.42164	2.42164	0.0133633	2.42164	2.42164	0.0133633	2.42164	2.42164	0.0133633	2.42164	2.42164	0.0133633	2.42164	2.42164	1		
cg17254388	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.0299394	0.00330145	0.428369	-2.33444	0.187242	0.74373	-1.34457	0.138782	0.713527	-1.40149	0.191787	0.746246	-1.34004	0.293743	0.793984	-1.25947	0.0249809	0.75945	1.75945	0.168039	0.732568	-1.36506	0.557473	1.1339	1.1339	0.464309	1.17089	1.17089	4.08977	2.90622	0.631651	1		
cg04156155	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.0114912	0.0146454	0.24844	-4.02512	0.0155127	0.0928	-1.95571	0.0717821	0.394007	-2.53802	0.07506	0.399127	-2.50547	0.0869969	0.416576	-2.40052	0.0600309	0.374204	-2.67234	0.0031797	0.154632	-6.46696	0.0834164	0.411522	-2.43	0.425356	0.685795	-1.45816	0.416831	13.6572	3.02222	1		
cg16912088	ZEB2;ZEB2	0.3473984	0.0494222	0.25213	-3.96717	0.0138997	0.163188	6.13158	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	0.0127835	1.78307	1.78307	1		
cg12336777	ZEB2;ZEB2	0.0143153	0.475483	0.684588	-1.46073	0.438765	1.51045	1.51045	0.74253	1.18785	1.18785	0.891567	1.07382	1.07382	0.836677	1.11382	1.11382	0.170707	2.14214	2.14214	0.104434	0.395787	-2.52661	0.000274951	2.22447	22.447	0.826652	0.891782	-1.12135	5.2612	22.7227	3.83904	1		
cg07382499	ZEB2;ZEB2	0.0183893	0.0565634	0.359254	-2.78351	0.140057	0.344124	2.90434	0.0183824	1.42405	1.42405	0.0536353	0.70255	1.42356	0.0042956	0.699284	-1.42997	0.1126624	1.20791	1.20791	0.0930307	0.59337	-1.68554	0.0001937	1.85197	1.85197	0.0008264	0.748014	0.748014	13.3891	2.40581	0.179668	1		
cg00025331	ZEB2;ZEB2	0.0223572	0.0306481	0.32946	3.25946	0.0200918	1.6872	1.6872	0.0322848	3.21062	3.21062	0.0973545	2.33139	2.33139	0.0210341	0.544089	-1.84812	0.024305	1.48715	1.48715	0.267605	0.25928	-3.85692	0.0093566	4.63346	4.63346	0.0309595	1.24991	1.24991	5.83729	3.04772	1		
cg05704093	ZEB2;ZEB2	0.0266669	0.104174	1.61704	1.61704	0.648301	0.883172	-1.13228	0.0590864	1.77996	1.77996	0.494729	0.828968	-1.20632	0.193397	1.4511	1.4511	0.203923	1.43725	1.43725	0.0093826	2.43778	2.43778	0.0134475	2.2885	2.2885	0.00534946	2.69789	2.69789	4.26016	4.938	1.03012	1		
cg25296103	ZEB2;ZEB2	0.0364582	0.3565048	1.14005	1.14005	0.0223653	0.161455	-6.19391	0.0805654	0.552167	-1.81082	0.0446446	0.748307	-1.33637	0.0536353	0.629556	-1.58824	0.0119266	0.731337	1.36752	0.0242056	0.412698	-2.42353	0.0140998	1.37037	1.37037	0.0198736	0.576381	1.73611	0.0242056	0.412698	-2.42353	0.0140998	1.37037	1.37037	1		
cg06063479	ZEB2;ZEB2	0.0483111	0.808211	0.884344	-1.13078	0.768066	0.861169	-1.16121	0.53168	0.72601	-1.37739	0.931006	0.957179	-1.04474	0.261871	0.553601	-1.80635	0.539666	1.36865	1.36865	0.810747	0.885816	-1.1289	0.00115158	11.1818	11.1818	0.196534	1.39402	1.39402	3.43258	13.8867	3.59606	1		
cg00177310	ZEB2;ZEB2;ZEB2	0.00951139	0.052831	0.3444	-2.90373	0.0234134	0.132444	-7.55182	0.0172657	0.567567	-1.7627	0.0399912	0.611213	-1.63609	0.0094145	0.55207	-1.81127	0.0320157	0.723836	-1.38216	0.0160597	0.442405	-2.2606	0.0137953	1.16586	1.16586	0.0195961	1.01686	1.01686	0.851942	0.963599	-1.03751	0.0195961	1.16586	1.16586	1		
cg01520754	ZEB2;ZEB2;ZEB2	0.0133602	0.0637915	0.814316	-1.22802	0.785964	0.973524	-1.0272	0.215637	0.879442	-1.13709	0.00538042	0.6968	-1.43513	0.0976338	0.835972	-1.19621	0.342375	1.10124	1.10124	0.013988	0.744126	-1.34875	0.0319493	1.28117	1.28117	0.0705202	1.22049	1.22049	5.38183	0.828288	0.136804	1		
cg01540007	ZEB2;ZEB2;ZEB2	0.786817	0.1963	1.09473	0.912127	1.39663	1.39663	1.39663	0.246506	1.18406	1.18406	0.381876	0.700182	-1.42745	0.0619455	0.503803	-1.98468	0.0249574	0.410498	2.43607	0.615998	0.91143	-1.09697	0.0123037	-1.98793	0.238001	0.662407	-1.50965	4.82991	8.03109	1.56319	1		
cg19190728	ZEB2;ZEB2;ZEB2	0.0360168	0.429246	1.26158	1.26158	0.0305566	0.311539	-3.20987	0.523624	1.1047	1.1047	0.354353	0.773492	-1.29284	0.0452707	0.634552	-1.57605	0.117327	0.375085	-2.66606	0.217893	2.11105	0.876312	1.09394	1.09394	0.0187382	0.193577	-5.16591	1.47363	18.2813	4.67811	1		
cg02338142	ND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1	0.00017368	0.0450611	1.6719	1.6719	0.514475	0.862653	-1.15921	0.00985977	0.482435	-2.07282	0.37888	1.22356	1.22356	1.91E-05	0.143385	-6.97421	0.573537	0.881182	-1.13484	0.000174856	0.240965	-4.14998	0.302793	1.26943	1.26943	0.00272052	0.263526	-3.79477	19.0866	15.0995	0.703204	1		
cg07162097	ND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1	0.00018757	0.95788	1.0204	1.0204	0.682127	1.17049	1.17049	0.0156438	0.322116	-3.10447	0.70474	0.86456	-1.15666	0.95E-06	0.0253828	-39.3967	0.355258	0.695213	-1.43841	0.000186953	0.0897653	-11.1402	0.00227851	0.0961667	-10.3986	0.953845	0.978116	-1.02237	18.6991	43.2798	2.05737	1		
cg16321523	ND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1	0.000350907	0.502658	0.85054	-1.17572	0.42681	1.21298	1.21298	0.0779486	0.629809	-1.58778	0.0177638	0.503627	-1.9856	0.0183752	0.506206	-1.97548	0.311426	0.779422	-1.283	0.00022247	0.231593	-4.31793	0.0313181	0.548216	-1.8241	4.85E-05	0.16359	6.16359	15.758	14.1324	0.797189	1		
qb5193211	ND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFAND1	0.000899132	0.219428	0.856668	-1.16731	6.39E-05	2.41284	2.41284	0.56027	1.0731	1.0731	0.0165255	0.704121	-1.42021	0.722302	1.04367	1.04367	0.162949	0.836599	-1.19532	0.0658687	0.780964	-1.28047	0.530919	0.926781	-1.079	0.00133259	1.7487	1.7487	12.126	2.75603	0.202028	1		
cg23057831	ND1;ZFAND1;ZFAND1	0.0202557	0.282722	0.773708	-1.29248	0.223795	1.34146	1.34146	0.361518	0.806065	-1.24059	0.089722	0.650535	-1.5372	0.398525	0.819816	-1.21979	0.882584	1.03455	1.03455	0.000435984	0.278638	-3.58888	0.981428	0.994664	-1.00536	0.491685	1.17413	1.17413	4.68429	3.91945	0.743754	1		
cg06367102	ZFAND2A	0.00102456	0.0251424	0.682482	-1.46524	0.720286	1.23182	1.23182	0.300179	1.16649	1.16649	0.314353	1.16096	1.16096	0.0090748	0.493197	-2.02759	0.000101299	0.372307	-2.68596	0.0630131	0.740836	-1.34983	0.508262	0.908223	-1.10105	0.00201378	5.35262	1.86824	11.6858	3.80783	0.289645	1		
cg17775962	ZFAND2A	0.00357689	0.00405307	6.4205	6.4205	0.137481	1.72549	1.72549	0.394823	1.34611	1.34611	0.116924	0.559409	-1.7876	0.219748	0.657164	-1.52169	0.186933	0.6206	-1.61134	0.0290299	0.415779	-2.40512	0.573242	1.21423	1.21423	0.00346858	0.238436	-3.86943	8.12079	14.9588	1.63737	1		
cg16145915	ZFAND2A	0.00773599	0.0964201	0.486194	-2.0569	0.0133629	0.464361	-2.1534	0.0076567	0.374169	-2.64475	0.824429	0.856337	-1.16755	0.0138184	0.744879	-1.34257	0.0017247	0.128654	-7.77295	0.0219982	0.266443	-3.76729	0.0149338	0.502234	-1.9911	0.123702	0.635435	-1.57373	6.44142	2.7329	0.29981	1		
cg13913666	ZFAND2A	0.00876387	0.00900648	0.163211	-6.12705	0.0119634	0.180557	-5.53841	0.216705	0.491852	-2.03313	0.915572	1.0596	1.0596	0.0102765	0.173087	5.84498	0.123086	0.401761	-2.48904	0.0018184	0.188963	-11.2402	0.00293881	0.10756	-9.29716	0.0523734	0.299883	-3.33463	6.16411	29.0912	4.19507	1		
cg07002211	ZFAND2A	0.0440024	0.0161455	0.3158	-3.16805	0.0108188	0.16256	-6.1553	0.0138403	0.603186	-1.65786	0.0161456	0.53182	-1.88024	0.0131416	0.74274	-1.34647	0.0824056	1.36331	1.36331	0.0151741	0.55141	-1.8402	0.0157712	0.930689	-1.07447	0.0078114	0.994747	1.00525	0.0824056	1.36331	1.36331	0.0151741	0.55141	-1.8402	0.0157712	0.930689	-1.07447	0.0078114	0.994747	1.00525	1.08254	8.54254	1.83097	1		
cg15112475	ZFAND2A	0.0306063	0.0936292	0.358081	-2.79266	0.0147911	0.188148	-5.31496	0.0783996	0.336556	-2.97129	0.20761	0.477053	-2.0962	0.0415347	0.27007	2.70274	0.0523868	0.292647	3.41708	0.00300203	0.103656	-9.6473	0.0205045	2.211208	-4.73467	0.0778371	0.335712	-2.97875	4.05786	19.9384	4.36758	1		
cg18765753	ZFAND2A	0.0140202	0.362613	0.675884	-1.47954	0.0733715	0.30676	2.30676	0.182469	0.553303	-1.80825	0.502675	1.32948	1.32948	0.34674	0.66655	-1.50026	0.629793	0.816007	-1.22548	0.0205935	0.21365	-4.68055	0.00831341	0.243586	-4.10533	0.358988	0.637369	-1.48419	5.9007	10.8452	2.46741	1		
cg12950816	ZFAND2A	0.0140647	0.101175	0.464259	-2.15431	0.0254994

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
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cg16591182	ZFHX4	0.00205089	0.0421639
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cg00931558	ZFHX4;LOC100192378	0.00135464	0.989084
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cg13898384	ZFP106	0.00858475	0.963108
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cg10870631	ZFP161;ZFP161;ZFP161	0.000263411	0.0115777
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cg23850212	ZFP28	1.33E-05	0.0419269
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cg12973930	ZFP28	0.0122453	0.655804
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cg06944257	ZFP3	0.000241169	0.0467925
cg16656286	ZFP3	0.000841593	0.125895
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cg25739316	ZFP36	0.0114813	0.0101236
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cg08691273	ZFP41	0.00143162	0.91257
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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14843143	ZFP41	0.0323624	0.484285	1.44926	1.44926	0.219414	1.96245	1.96245	0.448132	1.49715	1.49715	0.433751	1.51738	1.51738	0.0017988	0.0984637	-10.156	0.0798456	0.362516	-2.7585	0.220983	0.510855	-1.9575	0.33366	1.68298	1.68298	0.202268	0.495189	-2.01943	3.9778	17.1688	3.83658	1
cg12056210	ZFP41	0.0440861	0.0282644	0.420838	-2.37621	0.0498729	0.473587	-2.11154	0.204356	0.639167	-1.56454	0.244801	0.665928	-1.50166	0.0227798	0.402237	-2.4861	0.0969178	0.543956	-1.83838	0.00504244	0.289562	-3.45349	0.028746	0.422325	-2.36784	0.111162	0.559949	-1.78588	3.55267	6.28325	1.57209	1
cg11768411	ZFP41;ZFP41	0.0155239	0.347178	0.848342	-1.17877	0.0281496	0.643714	-1.55349	0.540561	0.900086	-1.111	0.976172	0.994938	-1.00509	0.738725	0.944712	-1.05852	0.000579507	0.404802	-2.47034	0.00929019	0.570776	-1.752	0.533359	1.11315	1.11315	0.959683	0.991448	-1.00863	5.12212	2.34195	0.40642	1
cg13522095	ZFP42	1.73E-06	3.43E-06	0.340909	-2.93333	0.032807	0.782126	-1.27857	0.111545	0.843184	-1.18598	3.52E-06	0.342162	-2.92259	9.42E-07	0.279584	-3.57675	3.24E-06	0.338136	-2.95739	1.33E-05	0.407521	-2.45386	5.28E-05	0.475639	-2.10243	1.22E-06	0.291452	-3.43109	63.7462	9.77829	0.13635	1
cg11638298	ZFP42	9.76E-06	2.58E-06	5.9277	5.9277	0.943135	0.98888	-1.01124	1.51E-05	4.07943	4.07943	0.021172	0.647645	-1.54406	0.00335808	1.86914	1.86914	0.00543948	1.77406	1.77406	0.000783376	2.21683	2.21683	1.73E-06	6.52275	6.52275	0.0338442	1.47456	1.47456	40.8256	15.8866	0.345897	1
cg24896649	ZFP42	7.08E-05	1.79E-05	31.9162	31.9162	0.000746466	5.92486	5.92486	0.00191401	4.40991	4.40991	0.000855585	5.66255	5.66255	0.000365514	7.62581	7.62581	0.000619852	0.15845	-6.31112	0.0365388	2.13188	2.13188	2.16E-05	28.5784	28.5784	0.00095565	5.462	5.462	46.9832	61.4454	0.871876	1
cg12704432	ZFP42	0.000874444	0.712195	1.09035	1.09035	0.0244001	1.87037	1.87037	0.0123332	0.48315	-2.06975	0.801559	1.06055	1.06055	0.000124135	0.209726	-4.76814	0.0191328	0.51586	-1.93851	0.0165707	0.504984	-1.98026	0.00462333	0.414911	-2.41016	0.000879465	0.312173	-3.20335	12.2217	10.549	0.767231	1
cg14725631	ZFP42	0.00166996	0.187696	1.28099	1.28099	0.0655893	0.69315	-1.44269	0.00140397	0.440234	-2.27152	0.998464	0.999659	-1.00034	0.198835	1.27229	1.27229	0.827918	1.03937	1.03937	0.000206613	3.01071	3.01071	0.476979	1.13684	1.13684	0.0161199	0.593211	-1.68574	10.16	5.06206	0.442874	1
cg17214381	ZFP42	0.0019889	0.000661709	14.5734	14.5734	0.0811121	2.70103	2.70103	0.00621183	6.25294	6.25294	0.333421	1.66967	1.66967	0.141711	0.444044	-2.25203	0.055996	0.328817	-3.0412	0.001565	10.3271	10.3271	0.00276033	8.3447	8.3447	0.640666	1.27321	1.27321	9.65755	40.3796	3.71657	1

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cg14793931	ZFR2	0.0078995	0.00429178	0.229351	-4.36013	0.19749	0.591438	-1.6908	0.229022	0.614674	-1.62688	0.0139545	0.310165	-3.22409	0.00355628	0.218084	-4.58539
cg22553301	ZFR2	0.00945396	0.00243724	0.208009	-4.80749	0.13671	1.81615	1.81615	0.75952	0.892008	-1.12107	0.31156	1.4765	1.4765	0.00237265	0.206512	-4.84232
cg07481380	ZFR2	0.0097128	0.769077	1.15304	1.15304	0.56089	0.752451	-1.32899	0.0190974	0.253586	-3.94344	0.14689	0.470933	-2.12344	0.000536153	0.0738629	-13.5386
cg12034488	ZFR2	0.0121974	0.950901	1.01902	1.01902	0.00179302	3.89337	3.89337	0.74626	0.905442	-1.10443	0.691179	1.12994	1.12994	0.780625	0.918127	-1.08917
cg24000650	ZFR2	0.0127534	0.127123	0.599002	-1.66944	0.00782959	2.88694	2.88694	0.223006	0.671837	-1.48846	0.41726	0.772976	-1.2937	0.00165249	0.246873	-4.05066
cg06616476	ZFR2	0.0206717	0.389493	0.606176	-1.64969	0.0165217	5.27189	5.27189	0.101338	2.76859	2.76859	0.0650611	0.308557	-3.2409	?	?	?
cg00821760	ZFR2	0.0212081	0.357701	1.29028	1.29028	0.419294	0.800636	-1.24901	0.00572304	0.376761	-2.6542	0.0650634	0.572282	-1.74739	0.00178628	0.30185	-3.3129
cg16023110	ZFR2	0.0255611	0.568154	1.1875	1.1875	0.146821	0.628854	-1.59019	0.984064	0.994068	-1.00597	0.580011	1.18117	1.18117	0.953408	1.01756	1.01756
cg10000139	ZFR2	0.0268713	0.0038556	0.410948	-2.4334	0.12556	0.684805	-1.46027	0.147498	0.701208	-1.42611	0.716404	1.08689	1.08689	0.00565533	0.43637	-2.29163
cg10214132	ZFR2	0.0322856	0.00781055	0.3973	-2.51699	0.115811	0.629979	-1.58736	0.24575	0.720242	-1.38842	0.244494	0.719555	-1.38975	0.791742	0.930962	-1.07416
cg15860624	ZFR2	0.0363095	0.0190258	0.286353	-3.49219	0.522688	1.33025	1.33025	0.180997	0.534936	-1.86938	0.190539	0.543025	-1.84154	0.00299	0.166322	-6.01244
cg03126579	ZFR2	0.0393736	0.0652641	13.3133	13.3133	0.0329531	22.6479	22.6479	0.046907	17.2097	17.2097	0.123264	8.07282	8.07282	0.755245	0.676266	-1.47871
cg23380496	ZFR2	0.0402473	0.411604	1.55979	1.55979	0.578144	1.34643	1.34643	0.185363	0.475361	-2.10367	0.647923	0.783918	-1.27564	0.0108571	0.183841	-5.43949
cg23799655	ZFR2	0.0455424	0.238347	0.574289	-1.74128	0.00156469	0.12994	-7.69585	0.167199	0.51621	-1.93719	0.126202	0.475685	-2.10223	0.0756853	0.411525	-2.42998
cg17117277	ZFR2	0.0481383	0.194088	3.10561	3.10561	0.0123418	13.0628	13.0628	0.0403437	7.05295	7.05295	0.975332	1.02583	1.02583	0.134134	0.263834	-3.79026
cg09662823	ZFR2	0.0499259	0.038646	0.430212	-2.32443	0.00219558	0.220401	-4.53718	0.0171132	0.359343	-2.78286	0.980305	0.991344	-1.00873	0.251836	0.656004	-1.52438
cg20852846	ZFR2;ZFR2;ZFR2	9.01E-05	0.410204	0.841637	-1.18816	0.00206654	2.43056	2.43056	0.0170787	1.81338	1.81338	0.000935655	2.74813	2.74813	0.682163	0.919164	-1.08795
cg12007399	ZFR2;ZFR2;ZFR2	0.000148456	0.902641	1.04085	1.04085	0.0394092	2.18053	2.18053	0.00368329	3.61199	3.61199	0.000113123	9.1912	9.1912	0.846006	1.06568	1.06568
cg08098382	ZFR2;ZFR2;ZFR2	0.000369091	0.00693403	0.441065	-2.26724	0.0124853	2.0713	2.0713	0.110845	1.5023	1.5023	0.00172489	2.85082	2.85082	0.0920053	1.54428	1.54428
cg21570608	ZFR2;ZFR2;ZFR2	0.000403096	0.00206133	0.330543	-3.02533	0.0156122	2.13009	2.13009	0.322257	1.29797	1.29797	0.635444	1.12954	1.12954	0.510891	0.843589	-1.18541
cg00860425	ZFR2;ZFR2;ZFR2	0.000861983	0.642044	0.894482	-1.11797	0.0589912	0.601736	-1.66186	0.00551358	0.419373	-2.38451	0.338774	0.790668	-1.26475	0.331257	1.26971	1.26971
cg13786089	ZFR2;ZFR2;ZFR2	0.00120228	0.839315	1.10537	1.10537	0.00296956	7.47663	7.47663	0.0121253	4.67823	4.67823	0.51285	1.38746	1.38746	0.711901	0.832744	-1.20085
cg16655883	ZFR2;ZFR2;ZFR2	0.00208576	0.275119	2.30548	2.30548	0.0179767	8.28918	8.28918	0.00633945	13.6601	13.6601	0.00165904	27.4077	27.4077	0.130977	3.31899	3.31899
cg15823845	ZFR2;ZFR2;ZFR2	0.0108458	0.846087	1.1651	1.1651	0.0507697	6.76764	6.76764	0.00306437	54.5525	54.5525	0.949507	1.05102	1.05102	?	?	?
cg02715685	ZFR2;ZFR2;ZFR2	0.0320537	0.0428378	0.463849	-2.15588	0.0333652	0.440689	-2.26917	0.032238	0.437589	-2.28525	0.960088	1.01663	1.01663	0.0520041	0.482623	-2.07201
cg13626059	ZFX	9.02E-05	0.00243608	0.814874	-1.22718	0.0618167	0.902975	-1.10745	0.141891	1.07964	1.07964	0.386907	1.04398	1.04398	0.0561024	1.1107	1.1107
cg03159836	ZFX	0.0058643	0.00122299	1.78416	1.78416	0.754318	0.962309	-1.03917	0.00165578	1.7349	1.7349	0.0353227	1.34979	1.34979	0.390627	0.897941	-1.11366
cg17546454	ZFX	0.0211462	0.215286	0.614056	-1.62852	0.0304224	0.386279	-2.5888	0.211997	0.611674	-1.63486	0.260787	1.55041	1.55041	0.404251	1.37588	1.37588
cg02616328	ZFY;ZFY;ZFY	0.00156604	0.760263	0.911947	-1.09656	0.00865335	0.35067	-2.85168	5.04E-05	0.0782332	-12.7823	0.535622	1.20828	1.20828	0.0101875	2.75258	2.75258
cg11131351	ZFY;ZFY;ZFY	0.00261451	0.113309	0.37171	-2.69027	0.000387675	32.1179	32.1179	0.0244231	4.7726	4.7726	0.00593947	0.118822	-8.41598	?	?	?
cg14972466	ZFY;ZFY;ZFY	0.00283033	0.220838	0.651484	-1.53496	0.842532	0.935926	-1.06846	0.202963	0.639255	-1.56432	0.310644	0.705214	-1.41801	0.00106721	0.199903	-5.00242
cg18058072	ZFY;ZFY;ZFY	0.0256959	0.312157	0.49812	-2.00755	?	?	?	0.355173	1.88512	1.88512	0.00136194	0.0451091	-22.1685	?	?	?
cg10835914	ZFYVE1	0.00478891	0.258837	0.878429	-1.1384	0.34106	0.897676	-1.11399	0.00898208	0.693806	-1.44133	0.000590731	0.55772	-1.79301	0.454312	0.91956	-1.08748
cg01245766	ZFYVE1	0.018917	0.0309747	0.322204	-3.10362	0.0452398	2.79323	2.79323	0.200874	0.54658	-1.82956	0.979485	1.01156	1.01156	0.0120789	0.246756	-4.05259
cg13197255	ZFYVE1	0.0411244	0.0122274	0.271675	-3.68087	0.517437	1.31518	1.31518	0.19206	0.561876	-1.77975	0.216118	0.580759	-1.72189	0.0110873	0.26458	-3.77958
cg16320779	ZFYVE1	0.0465565	?	?	?	0.0211937	4.37892	4.37892	0.0970983	2.60175	2.60175	0.134297	2.32912	2.32912	0.580391	1.33567	1.33567
cg06874399	ZFYVE16;ZFYVE16	0.000197795	0.685699	0.971033	-1.02983	0.000639271	1.46046	1.46046	0.0604727	1.16526	1.16526	0.66949	0.969454	-1.03151	0.375173	0.936356	-1.06797
cg14771734	ZFYVE16;ZFYVE16	0.00347711	0.0316254	0.616725	-1.62147	0.00185638	2.33321	2.33321	0.0157251	1.76432	1.76432	0.0964123	0.704601	-1.41924	0.191696	0.767123	-1.30357
cg18376227	ZFYVE16;ZFYVE16	0.00348617	0.46261	1.07736	1.07736	0.656087	0.956319	-1.04568	0.390226	0.916005	-1.0917	0.773789	1.02913	1.02913	0.73594	0.966834	-1.0343
cg26133909	ZFYVE16;ZFYVE16	0.00910077	0.0592077	0.559843	-1.78621	0.00595139	0.37552	-2.66297	0.00753906	0.392059	-2.55064	0.00480783	0.360982	-2.77022	0.916714	1.0289	1.0289
cg20055230	ZFYVE19	0.00141669	0.696471	0.91777	-1.0896	0.467708	0.850659	-1.17556	0.575878	0.883635	-1.13169	0.0358862	1.70631	1.70631	0.0687929	0.640306	-1.56175
cg27033923	ZFYVE19	0.00375443	0.000671837	0.310797	-3.21753	0.439928	1.19356	1.19356	0.835033	1.04796	1.04796	0.867613	1.03819	1.03819	0.000248939	0.257122	-3.8892
cg22707016	ZFYVE19;DNAJC17	0.0029785	0.00144373	0.243806	-4.10162	0.140078	0.614719	-1.62676	0.206095	0.664448	-1.50501	0.00619174	0.334816	-2.98671	0.0142347	0.395813	-2.52645
cg08659539	ZFYVE19;DNAJC17	0.00976283	0.000828082	0.311618	-3.20906	0.76464	1.07201	1.07201	0.101665	1.51437	1.51437	0.405763	0.821202	-1.21773	0.176746	0.717088	-1.39453
cg05055230	ZFYVE19;DNAJC17	0.0201508	0.0452017	0.756405	-1.32204	0.00205411	1.69497	1.69497	0.940489	1.00911	1.00911	0.28302	1.14515	1.14515	0.139489	1.21315	1.21315
cg04889446	ZFYVE19;DNAJC17;DNAJC17;ZFYVE19	0.00245306	0.905815	1.0088	1.0088	0.32804	1.07762	1.07762	0.664345	1.03286	1.03286	0.0115141	0.79135	-1.26366	0.00627484	1.30168	1.30168
cg23145417	ZFYVE19;ZFYVE19;DNAJC17	0.0201628	0.26297	1.12697	1.12697	0.158083	0.856782	-1.16716	0.0774259	0.817866	-1.22269	0.509825	1.07088	1.07088	0.572329	0.943235	-1.06018
cg21229135	ZFYVE1;ZFYVE1	0.00166254	0.222924	1.19699	1.19699	0.872477	1.02281	1.02281	0.183138	0.820116	-1.21934	0.000117699	0.388064	-2.5769	0.046469	0.726014	-1.37738
cg02229100	ZFYVE1;ZFYVE1	0.0211742	0.703517	0.853332	-1.17188	0.0497317	0.395148	-2.5307	0.454641	0.729122	-1.37151	0.983895	1.00841	1.00841	0.330379	0.659267	-1.51683
cg26306154	ZFYVE20	1.87E-05	0.0282704	0.738953	-1.35327	0.209235	0.856757	-1.16719	0.672767	1.05087	1.05087	0.00106913	0.56854	-1.75889	1.71E-07	0.151809	-6.58721
cg04678399	ZFYVE20	6.42E-05	0.228411	0.851616	-1.17424	0.0512368	1.32585	1.32585	0.0530739	0.756333	-1.32217	0.0574783	0.761107	-1.31388	6.56E-07	0.178263	-5.60968
cg05734973	ZFYVE20	0.000140779	0.000310581	0.442246	-2.26119	0.00069006	0.48557	-2.05943	0.0486341	0.730458	-1.369	0.548712	0.91886	-1.0883	0.000143193	0.400897	-2.49441
cg04428799	ZFYVE20	0.000183118	0.0248794	1.52799	1.52799	0.0108451	0.601689	-1.66199	0.0044364	0.547244	-1.82734	0.603602	0.920187	-1.08674	0.106655	0.755992	-1.32277
cg22257374	ZFYVE20	0.00125727	0.000446157	0.361777	-2.76413	0.000443249	0.361412	-2.76693	0.0124206	0.564947	-1.77008	0.33754	0.834058	-1.19896	0.00344228	0.482328	-2.07328
cg04542817	ZFYVE20	0.00650969	0.850365	1.06171	1.06171	0.757698	1.10308	1.10308	0.12392	1.69597	1.69597	0.28739	1.41937	1.41937	0.418037	1.30001	1.30001
cg02308954	ZFYVE20	0.00729172	0.231055	1.2075	1.2075	0.391171	1.14095	1.14095	0.0752336	0.742819	-1.34622	0.0584371	0.725484	-1.37839	0.378706	0.873238	-1.14516
cg22366626	ZFYVE20	0.0130992	0.194182	1.22429	1.22429	0.00515663	1.72316	1.72316	0.00467934	1.74009	1.74009	0.901982	1.01832	1.01832	0.0724214	1.34358	1.34358
cg08210568	ZFYVE20	0.0135699	0.0363291	0.820955	-1.21809	0.0177375	1.26334	1.26334	0.00970493	1.30375	1.30375	0.00732766	0.755579	-1.32349	0.500528	1.057	1.057
cg09030848	ZFYVE21	0.00185724	0.21329	0.774301	-1.29149	8.12E-05	0.249758	-4.00387	0.0476117	0.642651	-1.55605	0.415112	0.84995	-1.17654	0.048592	0.64424	-1.55222
cg11717738	ZFYVE21	0.00456014	0.135083	1.31487	1.31487	0.0362407	1.51252	1.51252	0.347296	1.17874	1.17874	0.00100685	2.29194	2.29194	0.0372702	1.50805	1.50805
cg10745988	ZFYVE21	0.0447377	0.704594	1.1101	1.1101	0.292175	1.34945	1.34945	0.0688955	1.74762	1.74762	0.588674	1.1615	1.1615	0.486574	1.21392	1.21392
cg13042487	ZFYVE21;XRCC3;XRCC3;XRCC3	7.55E-05	0.198053	1.22341	1.22341	0.0930673	1.31502	1.31502	0.0170392	1.53905	1.53905	0.00106241	2.04882	2.04882	0.838029	1.0308	1.0308
cg03520401	ZFYVE21;XRCC3;XRCC3;XRCC3	0.0283321	0.0623473	0.664263	-1.50543	0.0684738	0.671863	-1.4884	0.361488	1.2007	1.2007	0.0975684	0.701549	-1.42542	0.89905	0.975556	-1.02506
cg21787568	ZFYVE21;XRCC3;XRCC3;XRCC3	0.0447986	0.398149	0.783277	-1.27669	0.030779	2.04683	2.04683	0.0296996	2.05975	2.05975	0.306274	0.741496	-1.34862	0.106711	0.608159	-1.64431
cg13617904	ZFYVE21;XRCC3;XRCC3;XRCC3	0.0485416	0.134608	0.527797	-1.89467	0.824102	0.915588	-1.09219	0.0710641	2.22289	2.22289	0.305753	0.656987	-1.5221	0.0702656	0.448611	-2.2291
cg20999565	ZFYVE26	9.80E-05	0.0919936	1.19287	1.19287	1.23E-06	0.304365	-3.28552	0.00752107	0.721051	-1.38686	0.033927	0.790238	-1.26544	0.0695098	0.824456	-1.21292
cg18928362	ZFYVE26	0.000836054	0.532627	1.05149	1.05149	0.0707499	1.174	1.174	0.175522	0.891866	-1.12124	0.590365	1.04412	1.04412	0.00139009	0.692061	-1.44496
cg09350497	ZFYVE26	0.0024175	0.0665115	0.787757	-1.26943	0.000650353	0.545435	-1.8334	0.0600111	1.27888	1.27888	0.000593478	0.540737	-1.84933	0.944045	0.991895	-1.00817
cg19570955	ZFYVE26	0.00370453	0.0157686	0.303564	-3.2942	0.0452292	0.396214	-2.52389	0.00840051	0.257511	-3.88333	0.00962715	0.266974	-3.74568	0.107271	0.49241	-2.03083
cg05330742	ZFYVE26	0.00617049	0.00173434	0.717272	-1.39417	0.00898417	1.28034	1.28034	0.0137093	1.25446	1.25446	0.68106	1.03122	1.03122	0.0493376	1.1816	1.1816
cg23291098	ZFYVE26	0.00686775	0.390663	0.726722	-1.37604	?	?	?	0.0387899	2.383	2.383	0.000273529	0.114886	-8.70427	0.441503	1.32954	1.32954
cg27522005	ZFYVE27;ZFYVE27;ZFYVE27	0.00123932	0.946765	1.01876	1.01876	0.167188	0.663678	-1.50676	2.72E-05	10.023	10.023	0.085918	1.69616	1.69616	0.289353	0.736244	-1.35825
cg08489478	ZFYVE27;ZFYVE27;ZFYVE27	0.00242831	0.175661	0.644715	-1.55107	0.127128	1.65352	1.65352	0.539121	0.827342	-1.20869	0.66433	0.875387	-1.14235	0.000241065	0.156963	-6.37093
cg15979344	ZFYVE27;ZFYVE27;ZFYVE27	0.00812671	0.00609443	0.787617	-1.26965	0.969232	1.00258	1.00258	0.012241	0.812127	-1.23134	0.0349769	0.848877	-1.17803	0.27507	0.927077	-1.07866
cg15893678	ZFYVE27;ZFYVE27;ZFYVE27	0.0181268	0.411402	0.831574	-1.20254	0.81688	1.05225	1.05225	0.00696806	0.464646	-2.15218	0.2626	0.773771	-1.29237	0.845986	0.958197	-1.04363
cg16509357	ZFYVE27;ZFYVE27;ZFYVE27	0.0194716	0.124949	0.824919	-1.21224	0.00890883	0.680013	-1.47056	0.932782	1.00982	1.00982	0.584917	0.938081	-1.06601	0.00761454	1.48834	1.48834
cg05115182	ZFYVE27;ZFYVE27;ZFYVE27;ZFYVE27;ZFYVE27;ZFYVE27	0.0250782	0.105754	0.776787	-1.28735	0.73272	0.952179	-1.05022	0.477069	0.901815	-1.10888	0.123971	1.26889	1.26889	0.560249	0.919252	-1.08784
cg00852041	ZFYVE28	0.000123481	0.0131375	0.593607	-1.68462	0.00408942	1.92208	1.92208	0.000489389	2.52537	2.52537	0.284315	0.828097	-1.20759	0.50147	0.890741	-1.12266
cg14153118	ZFYVE28	0.0013827	0.238652	0.843426	-1.18564	0.00186035	0.543763	-1.83904	0.0599657	0.746166	-1.34018	0.00272585	0.564976	-1.76999	0.0764573	1.31249	1.31249
cg02794434	ZFYVE28	0.00248771	0.142591	1.34435	1.34435	0.00683584	1.93051	1.93051	0.0341614	1.59057	1.59057	0.00258427	2.19053	2.19053	0.0176991	1.71881	1.71881
cg18274320	ZFYVE28	0.00258464	0.438943	0.870928	-1.1482	0.201875	0.788849	-1.26767	0.906021	0.979596	-1.02083	0.556465	1.10959	1.10959	3.29E-05	0.206519	-4.84216
cg00847044	ZFYVE28	0.00305734	0.301148	0.92663	-1.07918	0.16959	1.10968	1.10968	0.000105006	1.62815	1.62815	0.0544775	1.16788	1.16788	0.967954	1.00286	1.00286
cg19771469	ZFYVE28	0.00366201	0.00169138	0.459423	-2.17664	0.00565691	1.87664	1.87664	0.203506	1.26201	1.26201	0.405851	0.862915	-1.15886	0.00141324	0.44882	-2.22807
cg14712262	ZFYVE28	0.00399037	0.000119996	0.363791	-2.74883	0.0623799	0.729443	-1.37091	0.877793	0.977123	-1.02341	0.33273	0.860468	-1.16216	0.0593588	0.726065	-1.37729
cg09906233	ZFYVE28	0.00400721	0.0812857	1.63364	1.63364	0.000252114	4.63053	4.63053	0.0245813	1.9739	1.9739	0.812934	0.941569	-1.06206	0.0574447	1.72591	1.72591
cg07536507	ZFYVE28	0.00468716	0.161202	0.751595	-1.3305	0.000610039	2.73934	2.73934	0.000665958	2.7023	2.7023	0.224381	1.27578	1.27578	0.19665	0.770653	-1.2976
cg01161042	ZFYVE28	0.00528685	0.0102022	0.695142	-1.43855	0.0981554	0.81574	-1.22588	0.00883091	0.687803	-1.45391	0.749575	1.03661	1.03661	0.444753	0.916256	-1.0914
cg15003465	ZFYVE28	0.00576487	0.00319974	0.317911	-3.14554	0.789408	0.926606	-1.07921	0.0461957	0.52181	-1.91641	0.245221	0.707425	-1.41358	0.000522571	0.214388	-4.66443
cg12811871	ZFYVE28	0.00997321	0.772561	1.04717	1.04717	0.279302	0.836198	-1.19589	0.034108	0.674845	-1.48182	0.194005	0.803683	-1.24427	0.249001	1.21123	1.21123
cg25240478	ZFYVE28	0.0118194	0.637193	1.10891	1.10891	0.00753868	2.11318	2.11318	0.0215023	1.82388	1.82388	0.106614	1.46727	1.46727	0.0665774	1.56463	1.56463
cg13979305	ZFYVE28	0.0119789	0.0226685	0.617682	-1.61895	0.476511	1.13636	1.13636	0.655944	0.923873	-1.0824	0.965552	1.00766	1.00766	0.0102004	0.564404	-1.77178
cg20818265	ZFYVE28	0.0138316	0.213429	0.864309	-1.15699	0.0939746	0.814677	-1.22748	0.0216095	0.73563	-1.35938	0.517405	0.929554	-1.07578	0.778161	1.03193	1.03193
cg23317787	ZFYVE28	0.0154907	0.12196	0.840989	-1.18908	0.110318	0.835461	-1.19694	0.00449666	0.676213	-1.47882	0.250358	1.13211	1.13211	0.00155894	0.625176	-1.59955
cg10622551	ZFYVE28	0.0196843	0.0286197	4.18035	4.18035	0.927786	1.0515	1.0515	0.461119	0.659925	-1.51532	0.395728	1.61897	1.61897	0.00616199	0.138175	-7.23719
cg01998801	ZFYVE28	0.0230363	0.0156659	0.427659	-2.33831	0.672117	1.12983	1.12983	0.118348	0.614981	-1.62607	0.188909	0.670925	-1.49048	0.00125178	0.258891	-3.86262
cg21544644	ZFYVE28	0.0244655	0.940741	1.02233	1.02233	0.271622	1.40478	1.40478	0.927622	0.973378	-1.02735	0.313007	1.36334	1.36334	0.0768887	0.557509	-1.79369
cg22029856	ZFYVE28	0.0269933	0.590368	0.846229	-1.18171	0.0155735	2.48769	2.48769	0.797226	1.08232	1.08232	0.943176	0.978336	-1.02214	0.00612608	0.333209	-3.00112
cg09114528	ZFYVE28	0.0303388	0.00588202	0.54359	-1.83962	0.339327	0.846578	-1.18123	0.265103	0.821671	-1.21703	0.455745	1.13709	1.13709	0.164735	0.778284	-1.28488
cg13664931	ZFYVE28	0.0357377	0.746743	0.791235	-1.26385	0.00210004	22.7988	22.7988	0.102861	3.63141	3.63141	0.43296	0.560863	-1.78297	0.0286574	0.154821	-6.45907
cg09884451	ZFYVE28	0.038399	0.0367778	6.46391	6.46391	0.735053	0.770045	-1.29863	0.654459	0.707103	-1.41422	0.210361	2.76056	2.76056	0.0316878	0.144048	-6.94211
cg22488278	ZFYVE28	0.0400868	0.729421	1.04274	1.04274	0.191265	0.846401	-1.18147	0.0186777	0.709234	-1.40997	0.0176526	1.41607	1.41607	0.621757	0.941824	-1.06177
cg03137131	ZFYVE28	0.0429357	0.034129	4.71347	4.71347	0.498938	0.650221	-1.53794	0.645389	0.747833	-1.3372	0.344852	1.84068	1.84068	0.040906	0.227688	-4.39197
cg02257884	ZFYVE28	0.0463539	0.340957	1.22072	1.22072	0.961044	1.00998	1.00998	0.0745106	1.49753	1.49753	0.709709	1.07896	1.07896	0.933325	0.983138	-1.01715
cg04442892	ZFYVE28	0.0489084	0.0264403	0.317929	-3.14535	0.856976	1.08172	1.08172	0.0683797	0.411289	-2.43138	0.0784968	0.427001	-2.34191	0.00537636	0.202725	-4.93279
cg10094210	ZFYVE9;ZFYVE9	0.0120591	0.0148531	0.49708	-2.01175	0.938991	1.01802	1.01802	0.108548	0.664755	-1.50431	0.441279	0.832623	-1.20102	0.00128464	0.33461	-2.98855
cg04971341	ZFYVE9;ZFYVE9;ZFYVE9	0.000573115	0.00596901	0.779074	-1.28358	0.00148564	1.37481	1.37481	0.0315547	1.19138	1.19138	0.66721	1.0305	1.0305	0.00089026	1.41297	1.41297
cg25970533	ZFYVE9;ZFYVE9;ZFYVE9	0.00419159	0.368904	0.890813	-1.12257	0.40892	1.11162	1.11162	0.46446	1.09777	1.09777	0.642067	0.94304	-1.0604	0.866532	1.0213	1.0213
cg04884025	ZFYVE9;ZFYVE9;ZFYVE9	0.00473234	0.288077	0.667908	-1.49721	0.841956	0.929549	-1.07579	0.0342516	0.404977	-2.46927	0.0597267	0.459558	-2.176	0.00375869	0.238986	-4.18434
cg24482202	ZFYVE9;ZFYVE9;ZFYVE9	0.0175846	0.308161	0.830126	-1.20464	0.865838	1.03014	1.03014	0.192005	1.27713	1.27713	0.997174	0.999378	-1.00062	0.779861	1.05045	1.05045
cg11203551	ZFYVE9;ZFYVE9;ZFYVE9	0.0224407	0.450085	0.895908	-1.11619	0.00175473	0.528973	-1.89046	0.727071	1.05132	1.05132	0.55797	0.91886	-1.0883	0.140857	0.797542	-1.25385
cg00151525	ZFYVE9;ZFYVE9;ZFYVE9	0.0251856	0.103947	0.905638	-1.10419	0.0195785	1.1703	1.1703	0.285975	1.06372	1.06372	0.814807	1.01317	1.01317	0.688439	1.02273	1.02273
cg04616218	ZG16	4.45E-05	0.0239853	1.76269	1.76269	0.0138002	0.526936	-1.89776	5.30E-06	0.113918	-8.77827	0.629568	1.10772	1.10772	0.171717	0.736194	-1.35834
cg06289826	ZG16	0.000523926	0.0815298	1.6122	1.6122	0.000187876	0.210393	-4.753	0.000252008	0.224706	-4.45027	0.218331	1.37756	1.37756	0.00158412	0.325674	-3.07055
cg04125273	ZG16	0.0354455	0.029293	0.217783	-4.59173	0.0124885	0.158032	-6.32785	0.0619079	0.287074	-3.48343	0.0835972	0.32085	-3.11672	0.0328412	0.227203	-4.40134
cg05055712	ZG16B	0.00173742	0.439366	0.89123	-1.12205	0.00228776	0.536528	-1.86384	0.000196031	0.40078	-2.49513	0.103849	0.7713	-1.29651	0.00100757	0.490376	-2.03925
cg26259865	ZG16B	0.00483573	0.955158	1.01195	1.01195	0.423969	0.841521	-1.18832	0.00900387	0.495746	-2.01716	0.460635	1.172	1.172	0.00112683	0.363172	-2.75351
cg02558476	ZG16B	0.0057974	0.226573	1.38545	1.38545	0.44114	0.817341	-1.22348	0.00180598	0.31999	-3.1251	0.170959	0.687735	-1.45405	0.0192566	0.483343	-2.06893
cg05468917	ZG16B	0.00937642	0.21455	0.66533	-1.50301	0.507233	0.810734	-1.23345	0.0263315	0.439762	-2.27396	0.000721895	0.201051	-4.97387	0.0563405	0.509727	-1.96184
cg05461841	ZG16B	0.0175333	0.0116345	0.318533	-3.13939	0.130843	0.553334	-1.80723	0.29017	0.671507	-1.48919	0.13208	0.554548	-1.80327	0.00274731	0.223326	-4.47777
cg03096107	ZG16B	0.0223061	0.70883	1.06986	1.06986	0.565591	0.900726	-1.11022	0.0424803	0.656677	-1.52282	0.106125	0.727832	-1.37394	0.00144114	0.436418	-2.29138
cg13622968	ZGLP1	0.000238716	0.0628123	0.705987	-1.41646	0.29697	1.19703	1.19703	0.00172762	0.475447	-2.10329	0.472	0.885435	-1.12939	4.93E-06	0.176768	-5.65712
cg15538607	ZGLP1	0.00243843	0.0217295	0.551399	-1.81357	0.733214	1.07673	1.07673	0.173722	0.731446	-1.36715	0.0118495	0.507182	-1.97168	0.000201032	0.259725	-3.85023
cg06454410	ZGLP1	0.0103535	0.351772	0.831896	-1.20207	0.325568	0.822868	-1.21526	0.0111495	0.5428	-1.8423	0.945298	1.01327	1.01327	0.000412713	0.340724	-2.93493
cg18741277	ZGLP1	0.0184088	0.0659481	0.399073	-2.50581	0.0214079	0.29202	-3.42442	0.0120337	0.247943	-4.03319	0.914519	1.04897	1.04897	0.00105774	0.115754	-8.63901
cg18745507	ZGLP1	0.0227243	0.259966	0.713311	-1.40191	0.108863	0.604865	-1.65326	0.137075	0.631006	-1.58477	0.438718	1.25493	1.25493	0.0861975	0.579811	-1.7247
cg17400366	ZGLP1	0.025136	0.997355	1.00084	1.00084	0.0499608	1.76459	1.76459	0.509921	0.843826	-1.18508	0.0987535	0.631362	-1.58388	0.00538397	0.394214	-2.5367
cg13507706	ZGLP1;FDX1L	1.39E-05	4.56E-05	0.268543	-3.7238	0.137636	0.761292	-1.31356	4.32E-06	0.163813	-6.10451	0.846553	0.967491	-1.0336	2.30E-05	0.235752	-4.24175
cg03891588	ZGLP1;FDX1L	5.22E-05	0.778989	0.945099	-1.05809	0.0411123	0.623148	-1.60476	0.89185	1.02768	1.02768	0.608628	0.901541	-1.10921	2.40E-06	0.100316	-9.96848
cg15639464	ZGLP1;FDX1L	0.0476086	0.566299	1.08187	1.08187	0.0602477	0.750008	-1.33332	0.0265183	0.699778	-1.42902	0.246401	1.17885	1.17885	0.443623	0.899405	-1.11185
cg02296167	ZGPAT;ZGPAT;ZGPAT	0.00104188	0.548852	0.940295	-1.0635	0.853348	1.01896	1.01896	0.362646	0.909413	-1.09961	0.744208	0.967318	-1.03379	0.00869126	1.40409	1.40409
cg04379041	ZGPAT;ZGPAT;ZGPAT	0.00342712	0.0167418	0.446191	-2.24119	0.311578	0.748775	-1.33551	0.695065	0.896845	-1.11502	0.679044	0.891377	-1.12186	0.000712358	0.240606	-4.15618
cg20642413	ZGPAT;ZGPAT;ZGPAT;ARFRP1;ARFRP1	0.00223576	0.209693	0.759244	-1.3171	0.674856	0.915856	-1.09187	0.00286423	2.35082	2.35082	0.00481781	0.45879	-2.17965	0.00485415	0.459282	-2.17731
cg04078896	ZGPAT;ZGPAT;ZGPAT;ARFRP1;ARFRP1	0.033919	0.78606	1.09174	1.09174	0.0145357	2.64097	2.64097	0.00678763	3.10104	3.10104	0.772609	1.09798	1.09798	0.242806	0.674139	-1.48337
cg19721060	ZHX1;ZHX1	0.000578447	0.218343	0.662455	-1.50954	0.000174681	0.131933	-7.57961	0.00761205	0.335721	-2.97866	0.982137	0.992905	-1.00715	0.000305613	0.154853	-6.45773
cg07393414	ZHX1;ZHX1	0.00301714	0.00644464	0.676254	-1.47873	0.00141255	0.600348	-1.6657	0.151879	0.844083	-1.18472	0.370569	1.10686	1.10686	0.174189	0.852476	-1.17305
cg19894253	ZHX1;ZHX1	0.0236096	0.570503	0.810618	-1.23363	0.0926646	0.507828	-1.96917	0.329958	0.692005	-1.44508	0.350025	0.703083	-1.42231	0.00226885	0.209329	-4.77716
cg21205504	ZHX1;ZHX1	0.0416451	0.680515	0.954543	-1.04762	0.117493	1.2105	1.2105	0.896374	1.01475	1.01475	0.469906	1.08611	1.08611	0.134825	1.19859	1.19859
cg08858723	ZHX2	0.000375862	0.00103663	0.281106	-3.55738	0.152685	0.67025	-1.49198	0.845358	1.05233	1.05233	0.715107	0.908686	-1.10049	7.08E-06	0.0747298	-13.3815
cg12933116	ZHX2	0.00141786	0.136305	0.900292	-1.11075	0.517981	0.958018	-1.04382	0.0710164	0.876357	-1.14109	0.848187	0.987537	-1.01262	0.0011835	0.732553	-1.36509

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14793931	0.274892	1.54954	1.54954	0.00184615	0.181863	-5.49863	0.37024	0.701357	-1.42581	0.0292041	0.371338	-2.69297	6.36942	14.9935	2.09243	1
cg22553301	0.017186	0.339361	-2.94671	0.0700464	0.470534	-2.12525	0.280634	0.658751	-1.51802	0.0948356	0.504956	-1.98037	6.0175	13.2032	1.95034	1
cg07481380	0.0571146	0.353051	-2.83245	0.00298865	0.139463	-7.17036	0.94253	0.965727	-1.03549	0.288451	0.586815	-1.70411	5.9659	22.1069	3.29381	1
cg12034488	0.617897	0.857389	-1.16633	0.253305	1.44054	1.44054	0.00162956	0.251325	-3.97892	0.774447	1.09188	1.09188	5.54405	8.21906	1.31778	1
cg24000650	0.773754	1.09366	1.09366	0.914675	1.03385	1.03385	0.0230148	0.429753	-2.32692	0.429373	0.778344	-1.28478	5.46419	8.35018	1.35837	1
cg06616476	0.00545567	0.125568	-7.9638	0.520404	0.690855	-1.44748	0.260239	0.513451	-1.9476	0.253812	0.508413	-1.9669	4.73598	21.4838	4.5363	1
cg00821760	0.0385806	0.524343	-1.90715	0.248919	0.722731	-1.38364	0.463556	0.81789	-1.22266	0.113556	0.628804	-1.59032	4.61147	5.30225	1.02204	1
cg16023110	0.204817	0.671294	-1.48966	0.00149489	3.91136	3.91136	0.0395198	2.03262	2.03262	0.062536	1.86713	1.86713	4.32369	6.07668	1.24928	1
cg10000139	0.0190624	0.523033	-1.91192	0.307304	0.785554	-1.27299	0.068293	0.627381	-1.59393	0.0745984	0.635321	-1.57401	4.24878	3.51005	0.73434	1
cg10214132	0.319314	0.757143	-1.32076	0.0256624	2.04721	2.04721	0.0444766	1.86606	1.86606	0.848671	1.053	1.053	3.98119	4.60748	1.02872	1
cg15860624	0.958245	1.02333	1.02333	0.0210189	0.294406	-3.39667	0.147334	0.504138	-1.98358	0.179052	0.533257	-1.87527	3.81594	11.7266	2.7316	1
cg03126579	0.611545	0.526934	-1.89777	0.00950983	60.9038	60.9038	0.0107288	55.1927	55.1927	0.625177	1.8513	1.8513	3.70459	91.8099	22.0291	1
cg23380496	0.861126	1.09715	1.09715	0.0102052	0.179957	-5.55688	0.0141498	0.201264	-4.9686	0.232384	0.515226	-1.9409	3.67478	16.3183	3.94721	1
cg23799655	0.110594	0.458053	-2.18315	0.421196	1.4463	1.4463	0.172585	0.521059	-1.91917	0.221358	0.561426	-1.78118	3.50973	11.2099	2.83907	1
cg17117277	0.376977	0.473423	-2.11227	0.520384	0.584265	-1.71155	0.0628934	5.61788	5.61788	0.201382	0.328612	-3.0431	3.43723	37.0358	9.57768	1
cg09662823	0.366508	0.721284	-1.38642	0.380847	0.728651	-1.3724	0.311187	0.691423	-1.44629	0.416832	0.746596	-1.33941	3.39004	6.6591	1.74605	1
cg20852846	0.000375695	3.20274	3.20274	0.238275	0.776568	-1.28772	1.47E-05	6.30958	6.30958	3.46E-05	5.15096	5.15096	22.7629	15.1082	0.589976	1
cg12007399	0.000191371	7.8138	7.8138	0.192413	1.57044	1.57044	2.31E-05	15.9429	15.9429	0.000131255	8.77067	8.77067	19.9124	33.7531	1.50674	1
cg08098382	0.91854	1.02426	1.02426	0.00156968	0.345046	-2.89817	6.18E-05	5.64344	5.64344	0.0953143	1.53626	1.53626	15.5406	13.5098	0.772731	1
cg21570608	0.517136	1.18236	1.18236	1.12E-05	0.092496	-10.8113	0.0500565	0.565583	-1.76809	0.635295	1.1296	1.1296	15.1679	15.6281	0.915859	1
cg00860425	0.336923	0.789911	-1.26596	0.032382	0.550608	-1.81617	2.00E-05	0.127931	-7.81674	0.00155042	0.338211	-2.95674	12.2713	11.0277	0.798808	1
cg13786089	0.683995	1.22374	1.22374	0.142349	0.459237	-2.17752	9.33E-05	31.156	31.156	0.000771698	12.3279	12.3279	11.1657	43.0544	3.4275	1
cg16655883	0.00123853	32.237	32.237	0.00283365	20.5725	20.5725	0.000616559	48.3428	48.3428	0.00277455	20.8012	20.8012	9.52456	81.6385	7.619	1
cg15823845	0.113883	4.18008	4.18008	0.575043	0.638875	-1.56525	0.00123452	134.727	134.727	0.0141382	15.7796	15.7796	9.92186	79.1277	4.98443	1
cg02715685	0.134217	0.587294	-1.70272	0.00494175	0.293235	-3.41024	0.011705	0.354158	-2.8236	0.549073	0.818905	-1.22114	3.99148	6.86539	1.5289	1
cg13626059	0.333102	1.04964	1.04964	3.19E-06	0.585354	-1.70837	0.000518311	0.768936	-1.3005	0.0810528	1.09841	1.09841	22.7601	0.848787	0.0331491	1
cg03159836	0.658148	1.05601	1.05601	0.804503	0.970105	-1.03082	0.900209	1.01547	1.01547	0.00365686	1.61774	1.61774	6.9883	1.65763	0.210845	1
cg17546454	0.00446811	0.242276	-4.12752	0.223951	1.61231	1.61231	0.997671	1.00109	1.00109	0.0077849	0.278723	-3.58779	4.61607	10.22	1.968	1
cg02616328	0.279201	0.711268	-1.40594	0.525951	0.823786	-1.21391	0.585568	1.18057	1.18057	0.79975	1.07955	1.07955	12.4336	17.4694	1.09279	1
cg11131351	0.791608	0.860582	-1.162	0.354082	0.581148	-1.72073	0.014088	5.91016	5.91016	0.857724	1.10708	1.10708	10.7562	47.6228	3.87405	1
cg14972466	0.497634	0.795139	-1.25764	0.0114025	0.348436	-2.86997	0.000449164	6.31253	6.31253	0.852301	0.939835	-1.06402	8.70715	15.2851	1.56041	1
cg18058072	0.878205	1.10763	1.10763	0.0725271	0.262996	-3.80234	0.604619	1.41646	1.41646	0.510364	1.5606	1.5606	4.48455	24.544	6.25486	1
cg10835914	0.00603841	0.673931	-1.48383	0.0114215	1.41667	1.41667	0.692122	0.957154	-1.04476	0.941532	0.991962	-1.0081	7.43575	1.42566	0.170428	1
cg01245766	0.240102	0.576949	-1.73326	0.00248247	0.152525	-6.55628	0.671885	0.82654	-1.20986	0.982752	0.99038	-1.00971	4.79415	15.1818	2.81487	1
cg13197255	0.102236	0.473981	-2.10979	0.0230683	0.321609	-3.10936	0.37253	1.4655	1.4655	0.137412	0.512783	-1.95014	3.64565	10.0627	2.45349	1
cg16320779	0.098193	0.385822	-2.59187	?	?	?	0.743416	1.18541	1.18541	0.0499141	0.306813	-3.25932	3.9011	12.6011	3.23014	1
cg06874399	0.686853	0.971145	-1.02971	5.09E-06	0.472528	-2.11628	0.545603	1.04518	1.04518	0.970137	1.00271	1.00271	18.4265	1.52331	0.0734839	1
cg14771734	0.141348	1.35443	1.35443	0.0263053	0.603257	-1.65767	0.00711436	0.513312	-1.94813	0.309301	1.22362	1.22362	8.18987	4.77207	0.517938	1
cg18376227	0.00588178	0.698254	-1.43214	0.000197468	1.86517	1.86517	0.987743	1.00153	1.00153	0.0170584	0.748413	-1.33616	8.1835	1.28701	0.139794	1
cg26133909	0.998892	1.00038	1.00038	0.682974	1.11832	1.11832	0.14376	0.651958	-1.53384	0.00198774	0.304448	-3.28463	6.09081	7.15457	1.04413	1
cg20055230	2.28E-05	0.156314	-6.3974	0.808015	1.05473	1.05473	0.615163	1.11734	1.11734	0.0561293	0.622814	-1.60562	10.6532	8.08378	0.674499	1
cg27033923	0.107626	0.674055	-1.48356	0.0892902	0.656455	-1.52333	0.370804	0.813471	-1.2293	0.619038	1.11919	1.11919	8.00363	6.39684	0.710438	1
cg22707016	0.00146374	0.244582	-4.0886	0.00082505	0.213516	-4.6835	0.00883804	0.360005	-2.77774	0.00688289	0.342176	-2.92247	8.57644	12.7613	1.32262	1
cg08659539	0.799574	1.06069	1.06069	0.00529919	0.426939	-2.34226	0.128186	1.46355	1.46355	0.273468	0.768022	-1.30205	5.95613	5.05957	0.755087	1
cg05055230	0.764856	1.03712	1.03712	0.0540528	0.766679	-1.30433	0.111595	0.810135	-1.23436	0.927422	1.01113	1.01113	4.69257	1.09719	0.207835	1
cg04889446	0.701243	0.971861	-1.02895	0.127099	1.12995	1.12995	0.459178	1.05739	1.05739	9.43E-05	1.67415	1.67415	9.08255	0.788661	0.0771845	1
cg23145417	0.532044	0.937226	-1.06698	0.214377	0.874687	-1.14327	0.899358	1.01304	1.01304	0.000826017	1.6751	1.6751	4.69162	0.77954	0.147694	1
cg21229135	0.00902071	0.627457	-1.59373	0.00321519	1.75864	1.75864	0.939327	0.989369	-1.01075	0.533057	0.915174	-1.09269	10.1731	3.176	0.277507	1
cg02229100	0.764529	1.1327	1.1327	0.000316909	0.0889606	-11.2409	0.574054	0.790111	-1.26565	0.991326	1.00452	1.00452	4.61399	12.5734	2.42227	1
cg26306154	0.0170704	0.712019	-1.40446	0.137491	1.20543	1.20543	0.384459	0.90108	-1.10978	0.170885	0.843392	-1.18569	34.4936	7.45385	0.192083	1
cg04678399	0.967748	0.994876	-1.00515	0.00329534	0.601284	-1.66311	0.1601	0.826387	-1.21009	0.0438068	0.744969	-1.34234	24.9171	6.37073	0.227268	1
cg05734973	0.0169314	0.666164	-1.50113	2.89E-05	0.31826	-3.14209	4.70E-05	0.342914	-2.91619	0.0338493	0.707869	-1.41269	20.1992	6.2213	0.273776	1
cg04428799	6.54E-06	0.20317	-4.92199	0.00951511	1.68467	1.68467	0.181942	1.25229	1.25229	0.0354334	0.677816	-1.47533	18.8154	7.51359	0.354962	1
cg22257374	0.070445	0.689995	-1.44928	0.000839559	0.397738	-2.51422	0.00221082	0.455133	-2.19716	0.00621145	0.519575	-1.92465	11.024	5.88056	0.474163	1
cg04542817	0.000827713	0.202645	-4.93474	0.00135225	0.228645	-4.37359	0.786032	0.917347	-1.0901	0.126892	0.592473	-1.68784	6.76624	10.7717	1.41509	1
cg02308954	0.745863	1.05002	1.05002	0.322825	0.857896	-1.16564	0.00044268	0.434974	-2.29899	0.0178358	1.54069	1.54069	6.53132	2.3301	0.317119	1
cg22366626	0.0083013	1.644	1.644	0.0639815	0.735865	-1.35895	0.887717	1.02103	1.02103	0.84622	0.971799	-1.02902	5.41668	1.86201	0.305559	1
cg08210568	0.338524	0.923132	-1.08327	0.736963	0.973041	-1.02771	0.690872	1.03294	1.03294	0.15886	1.12985	1.12985	5.35444	0.557371	0.092529	1
cg09030848	0.00815844	0.516424	-1.93639	0.000536255	0.349484	-2.86136	0.993195	1.00167	1.00167	0.0348382	0.618757	-1.61614	9.85186	5.94359	0.536263	1
cg11717738	0.0201833	1.60973	1.60973	0.000257118	2.78012	2.78012	0.146726	1.303	1.303	0.875937	0.973801	-1.0269	7.54725	3.45153	0.40651	1
cg10745988	0.103061	1.63072	1.63072	0.000985681	3.83049	3.83049	0.96079	0.986609	-1.01357	0.693906	0.897209	-1.11457	3.53325	4.20796	1.05863	1
cg13042487	0.0756119	1.34064	1.34064	0.310099	0.855835	-1.16845	7.59E-07	7.19851	7.19851	0.19019	1.22831	1.22831	23.8641	8.30347	0.309287	1
cg03520401	0.34832	0.828386	-1.20717	0.0148599	1.79361	1.79361	0.0155561	1.7834	1.7834	0.608389	1.10602	1.10602	4.17041	2.51128	0.535258	1
cg21787568	0.131487	1.58368	1.58368	0.0918914	0.592176	-1.68869	0.201997	0.683592	-1.46286	0.313467	0.745002	-1.34228	3.53145	4.45921	1.12241	1
cg13617904	0.671453	0.844498	-1.18414	0.00947325	0.271893	-3.67792	0.0178364	0.319549	-3.12941	0.880654	0.94222	-1.06132	3.4264	8.51605	2.20927	1
cg20999565	0.461778	0.931248	-1.07383	0.221735	1.12988	1.12988	0.046478	0.805077	-1.24212	0.36405	1.09274	1.09274	22.2613	3.18715	0.127262	1
cg18928362	0.000372403	1.57194	1.57194	0.00520626	0.746088	-1.34032	0.0274639	0.812868	-1.23021	0.00580229	1.33252	1.33252	12.3775	1.23719	0.0888489	1
cg09350497	0.527108	0.928401	-1.07712	0.0352063	1.32896	1.32896	0.950001	1.0073	1.0073	0.0416928	0.761696	-1.31286	9.12161	1.94183	0.189229	1
cg19570955	0.000579	0.117039	-8.54414	0.000811318	0.130624	-7.65554	0.859565	1.07398	1.07398	0.0243606	0.339162	-2.94845	8.03585	20.6688	2.28629	1
cg05330742	0.070418	0.860353	-1.16231	0.397083	1.06663	1.06663	0.136602	1.12669	1.12669	0.495208	0.94979	-1.05286	6.87935	0.602811	0.0778899	1
cg23291098	0.247998	1.55007	1.55007	0.55244	1.24374	1.24374	0.474026	1.30245	1.30245	0.347655	1.42039	1.42039	6.79313	12.5957	1.85418	1
cg27522005	0.0485774	0.534056	-1.87246	0.144712	0.646536	-1.5467	0.157148	1.52383	1.52383	0.288669	1.35888	1.35888	11.0694	13.589	1.09122	1
cg08489478	0.00086717	0.217943	-4.58837	0.00531143	0.32636	-3.0641	0.390731	1.30744	1.30744	0.134048	0.611069	-1.63648	9.10966	13.4058	1.30809	1
cg15979344	0.24068	1.08535	1.08535	0.00138863	0.73418	-1.36206	0.734858	1.02293	1.02293	0.131732	1.11459	1.11459	6.31284	0.444542	0.0625944	1
cg15893678	0.302678	0.791007	-1.26421	0.000600635	0.312763	-3.19731	0.455642	1.18158	1.18158	0.775305	0.939092	-1.06486	4.86363	3.71409	0.678796	1
cg16509357	0.032498	1.33649	1.33649	0.230452	0.864339	-1.15695	0.905634	1.01384	1.01384	0.149595	1.19607	1.19607	4.7475	1.00972	0.189052	1
cg05115182	0.240592	1.19199	1.19199	0.00217486	0.540728	-1.84936	0.251923	1.1866	1.1866	0.0516639	1.37245	1.37245	4.3525	1.40863	0.287678	1
cg00852041	0.129943	1.31972	1.31972	6.50E-06	0.182065	-5.49255	0.773387	1.05018	1.05018	0.600878	1.09365	1.09365	20.9238	9.531	0.404898	1
cg14153118	0.0811768	0.765859	-1.30572	0.000594778	2.07809	2.07809	0.820791	1.0318	1.0318	0.0201594	0.679325	-1.47205	10.7278	3.23451	0.268007	1
cg02794434	0.0175879	0.58136	-1.7201	0.000868617	2.55529	2.55529	0.0260343	1.64206	1.64206	0.0110701	1.81881	1.81881	9.04515	5.05007	0.496282	1
cg18274320	0.906629	1.02069	1.02069	0.660659	1.08023	1.08023	0.342029	0.842272	-1.18727	0.785702	1.04873	1.04873	10.5826	4.99811	0.36734	1
cg00847044	0.0189821	1.22389	1.22389	0.0303904	0.834434	-1.19842	0.128914	1.1238	1.1238	0.299303	1.07952	1.07952	8.51015	0.681889	0.0712236	1
cg19771469	0.0914035	1.3803	1.3803	0.468883	0.880061	-1.13629	0.822227	0.961735	-1.03979	0.209033	0.794864	-1.25808	8.06374	3.83893	0.423176	1
cg14712262	0.360548	1.15185	1.15185	0.00224361	0.525469	-1.90306	0.323553	0.857835	-1.16573	0.719428	0.947194	-1.05575	7.8582	2.81508	0.31843	1
cg09906233	0.101403	1.57699	1.57699	0.34234	0.779991	-1.28207	0.00299215	2.81269	2.81269	0.0093425	2.31005	2.31005	7.84823	8.01764	0.908076	1
cg07536507	0.847288	1.03748	1.03748	0.310329	1.22181	1.22181	0.600601	0.904106	-1.10607	0.308875	1.2226	1.2226	7.4845	4.31693	0.512696	1
cg01161042	0.717111	1.0417	1.0417	0.0050378	1.51656	1.51656	0.0768061	0.801769	-1.24724	0.00225795	0.618904	-1.61576	7.21447	1.44009	0.177433	1
cg15003465	0.00334323	0.320721	-3.11798	0.4091	0.786303	-1.27177	0.0162263	0.432916	-2.30992	0.0266804	0.4734	-2.11238	7.02522	9.02229	1.14158	1
cg12811871	0.0785524	0.732894	-1.36445	0.000523855	2.36259	2.36259	0.570332	1.09551	1.09551	0.369957	0.863785	-1.1577	5.91569	2.36985	0.356092	1
cg25240478	0.117985	1.44686	1.44686	0.0311094	1.73427	1.73427	0.000470528	3.30636	3.30636	0.453115	1.18095	1.18095	5.60097	4.20068	0.66666	1
cg13979305	0.970177	0.99342	-1.00662	0.00156279	0.448171	-2.23129	0.038337	1.52776	1.52776	0.587928	1.10142	1.10142	5.57668	2.75397	0.438965	1
cg20818265	0.341154	1.11536	1.11536	0.00185971	1.63475	1.63475	0.103092	0.819989	-1.21953	0.0507919	0.780608	-1.28105	5.321	1.04399	0.174402	1
cg23317787	0.429475	0.920058	-1.08689	0.139734	0.848606	-1.1784	0.0392618	0.781606	-1.27942	0.0504957	0.794328	-1.25893	5.12576	0.866345	0.150238	1
cg10622551	0.0185221	0.205559	-4.86478	0.206535	2.09176	2.09176	0.61377	1.32566	1.32566	0.034883	0.256143	-3.90407	4.73005	22.9872	4.31985	1
cg01998801	0.165095	1.52894	1.52894	0.137473	0.632132	-1.58195	0.381573	0.77312	-1.29346	0.302018	0.735952	-1.35878	4.48242	5.83654	1.15742	1
cg21544644	0.00283268	0.294971	-3.39017	0.0175816	0.424	-2.35849	0.611891	0.859021	-1.16412	0.0247131	0.451942	-2.21267	4.39007	6.13289	1.24177	1
cg22029856	0.11325	1.69817	1.69817	0.0217783	0.429117	-2.33036	0.819988	0.932366	-1.07254	0.957255	0.983667	-1.0166	4.24203	6.34205	1.32893	1
cg09114528	0.00674389	1.81126	1.81126	0.39862	0.864028	-1.15737	0.289454	0.830312	-1.20437	0.894588	0.97783	-1.02267	4.07056	1.84387	0.402646	1
cg13664931	0.798294	1.2033	1.2033	0.504714	1.63099	1.63099	0.944189	1.0519	1.0519	0.674962	1.35634	1.35634	3.83801	31.7451	7.35221	1
cg09884451	0.0331216	0.147138	-6.79634	0.0709358	4.72159	4.72159	0.288744	2.33318	2.33318	0.129043	0.283126	-3.532	3.73882	35.0451	8.33185	1
cg22488278	0.236863	1.1611	1.1611	0.057171	1.29608	1.29608	0.190224	0.846031	-1.18199	0.292648	0.876708	-1.14063	3.6802	0.84666	0.204496	1
cg03137131	0.0497438	0.24571	-4.06983	0.0621783	3.73099	3.73099	0.182897	2.42614	2.42614	0.136035	0.365184	-2.73834	3.58785	22.3459	5.53618	1
cg02257884	0.00247133	0.425142	-2.35215	0.2615	1.26868	1.26868	0.150008	1.36839	1.36839	0.575584	1.12182	1.12182	3.48653	2.28083	0.581496	1
cg04442892	0.0492069	0.376245	-2.65784	0.129746	0.490325	-2.03947	0.0654802	0.406486	-2.46011	0.0903032	0.443641	-2.25407	3.41664	10.2591	2.66907	1
cg10094210	0.0069703	0.442987	-2.2574	0.291121	0.774496	-1.29116	0.159148	1.4205	1.4205	0.0423047	0.579501	-1.72562	5.56462	4.79576	0.766072	1
cg04971341	0.0697378	1.15127	1.15127	0.00178998	0.734431	-1.3616	0.0013541	1.38152	1.38152	0.0987392	1.13398	1.13398	13.7586	1.05115	0.0679111	1
cg25970533	0.0522837	0.758395	-1.31857	0.000104987	0.423745	-2.35991	0.339554	1.13125	1.13125	0.0439992	1.33639	1.33639	7.74239	1.92479	0.220981	1
cg04884025	0.955637	1.02057	1.02057	0.000260743	0.111094	-9.00139	0.384072	0.721374	-1.38624	0.00296781	0.224886	-4.44669	7.46269	15.8273	1.8852	1
cg24482202	0.150214	0.760548	-1.31484	0.00359848	0.483221	-2.06945	0.0900586	1.39519	1.39519	0.00334444	0.478351	-2.09052	5.49445	2.62601	0.371729	1
cg11203551	0.128635	0.790922	-1.26435	0.00756323	0.612169	-1.63354	0.300479	1.1656	1.1656	0.0466467	0.722257	-1.38455	4.52303	1.46123	0.287169	1
cg00151525	0.160946	0.919911	-1.08706	0.00494152	1.23064	1.23064	0.487295	1.04013	1.04013	0.0195534	1.17035	1.17035	4.34604	0.213925	0.0437538	1
cg04616218	0.094311	0.678985	-1.47279	6.23E-05	0.211553	-4.72694	3.08E-05	0.1803	-5.54632	0.194298	1.33515	1.33515	27.4573	19.2682	0.62378	1
cg06289826	0.0124091	2.15945	2.15945	0.559614	0.864206	-1.15713	0.0438494	0.563791	-1.77371	0.161557	0.690864	-1.44746	14.1063	13.6721	0.861526	1
cg04125273	0.0392496	0.242669	-4.12084	0.0108282	0.149597	-6.68462	0.0334911	0.228856	-4.36956	0.0632352	0.289331	-3.45625	3.84945	21.4845	4.96106	1
cg05055712	0.433917	0.889954	-1.12365	0.00288527	0.549743	-1.81903	0.0659543	0.73992	-1.3515	0.00307775	0.553434	-1.8069	10.0443	3.39142	0.300131	1
cg26259865	0.00685058	0.477136	-2.09584	0.000854015	0.346933	-2.8824	0.976543	1.00623	1.00623	0.270211	0.784601	-1.27453	7.41374	5.24221	0.628528	1
cg02558476	0.327798	1.29613	1.29613	0.00135876	0.302954	-3.30083	0.208288	0.71131	-1.40586	0.00656718	0.403934	-2.47565	7.01305	7.3237	0.928263	1
cg05468917	0.741742	1.10863	1.10863	0.00430072	0.304025	-3.28921	0.109283	0.580104	-1.72383	0.0084051	0.350026	-2.85693	6.0333	9.29262	1.36909	1
cg05461841	0.101258	0.521551	-1.91736	0.00247252	0.217285	-4.60226	0.0444794	0.432949	-2.30974	0.0504618	0.445432	-2.24501	4.91833	10.2504	1.85255	1
cg03096107	0.196918	1.27836	1.27836	0.18356	0.775699	-1.28916	0.0557306	0.676911	-1.4773	0.0369299	0.646469	-1.54686	4.53239	2.32616	0.456204	1
cg13622968	0.00139093	0.462772	-2.16089	0.0519547	0.692275	-1.44451	0.0155499	0.610485	-1.63804	0.00469866	0.535324	-1.86803	17.5088	7.67065	0.389423	1
cg15538607	0.379982	1.21482	1.21482	0.00914337	2.04498	2.04498	0.0403558	0.599474	-1.66813	0.128295	0.701014	-1.42651	9.09854	6.72796	0.657294	1
cg06454410	0.923331	0.981682	-1.01866	0.104107	1.40675	1.40675	0.352658	1.20164	1.20164	0.694245	1.07883	1.07883	5.84523	3.41493	0.519311	1
cg18741277	0.0389964	0.345085	-2.89783	0.298704	0.619012	-1.61548	0.501305	0.73793	-1.35514	0.0706069	0.406701	-2.45881	4.83841	15.1935	2.79128	1
cg18745507	0.750193	0.912253	-1.09619	0.000962958	0.243336	-4.10955	0.251972	1.41068	1.41068	0.044618	0.515337	-1.94048	4.50353	5.89594	1.16372	1
cg17400366	0.00871954	0.427843	-2.33731	0.152794	0.677735	-1.4755	0.669943	0.896802	-1.11507	0.0642683	0.589686	-1.69582	4.34902	4.44516	0.908539	1
cg13507706	1.55E-05	0.217778	-4.59183	0.0151641	1.66346	1.66346	0.0614017	0.698026	-1.43261	8.12E-05	0.297448	-3.36193	37.2726	17.1776	0.409658	1
cg03891588	2.87E-05	0.19215	-5.20427	0.0173011	1.78939	1.78939	0.856336	0.964282	-1.03704	0.00160307	0.403174	-2.48032	26.3227	16.7927	0.567072	1
cg15639464	0.293038	1.15959	1.15959	0.0254335	1.43411	1.43411	0.158339	0.814887	-1.22716	0.145461	0.808815	-1.23638	3.45163	1.00727	0.2594	1
cg02296167	0.055614	1.24623	1.24623	3.27E-05	2.26858	2.26858	0.0124703	0.729416	-1.37096	0.626535	0.95145	-1.05103	11.6304	1.8972	0.145	1
cg04379041	0.00456066	0.35205	-2.8405	0.000695367	0.239316	-4.17858	0.145482	0.649231	-1.54028	0.00351457	0.334895	-2.98601	8.22542	9.94956	1.07521	1
cg20642413	0.495133	0.865619	-1.15524	0.000646698	0.336146	-2.9749	0.0670943	0.6521	-1.53351	0.0421248	0.61397	-1.62874	9.33314	6.4156	0.611023	1
cg04078896	0.176899	1.58892	1.58892	0.784557	0.915389	-1.09243	0.0093581	2.89551	2.89551	0.584483	1.19501	1.19501	3.9112	6.44677	1.46514	1
cg19721060	0.0429494	0.476695	-2.09778	0.000159605	0.128453	-7.78496	0.0023592	0.259452	-3.85428	0.785016	1.09086	1.09086	13.7231	21.9854	1.42407	1
cg07393414	0.000752043	0.568719	-1.75834	0.00118183	0.591412	-1.69087	0.843689	1.02204	1.02204	0.551733	0.935679	-1.06874	8.54368	1.64967	0.171632	1
cg19894253	0.0928936	0.508116	-1.96805	0.023262	0.370386	-2.69989	0.0443686	2.32955	2.32955	0.146344	0.564956	-1.77005	4.44454	9.44025	1.88801	1
cg21205504	0.638841	1.05455	1.05455	0.091872	0.811787	-1.23185	0.0537918	1.27895	1.27895	0.00271527	1.59249	1.59249	3.62872	0.725603	0.177743	1
cg08858723	0.173192	1.46021	1.46021	0.599383	0.870702	-1.1485	0.745544	0.91846	-1.08878	0.00919461	0.421531	-2.3723	15.4631	16.71	0.960566	1
cg12933116	0.0235814	0.837849	-1.19353	0.000119272	1.55326	1.55326	0.435978	0.949322	-1.05338	0.909871	1.00744	1.00744	10.6507	0.72234	0.0602854	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. 2)	Fold-Change(1 vs.121T)	p-value(347T vs. N)	p-value(347T vs. 2)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. 2)	Fold-Change(1 vs.537T)	p-value(563T vs. N)	Fold-Change(1 vs.563T)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg26028853	2HX2	0.00153894	0.567314	0.08214	1.06813	0.280831	1.11623	1.13623	0.18857	1.10593	1.01693	0.2604838	1.1431	1.1431	0.534241	0.9274407	1.070328	1.00491298	1.52858	1.52858	3.11E-05	2.52371	2.52371	0.00799274	1.47304	1.47304	0.974782	1.00361	1.00361	10.4025	2.13883	0.182761	1
cg25220460	2HX2	0.00457025	0.252602	1.0973	1.00124007	0.692983	1.44304	0.541628	1.04918	1.04918	0.0105023	0.77864	1.28429	0.8449584	1.01533	1.01533		0.04743683	0.8383891	1.19276	0.00877302	0.67415	1.48335	0.02705088	0.815983	1.22552	0.35319	0.928462	1.07705	7.54218	0.721146	0.0849912	1
cg13869415	2HX2	0.00537152	0.967194	1.00346	1.00346	0.196995	0.891854	1.12126	0.774729	0.976209	1.02437	0.0217217	1.26011	1.26011	0.226563	1.11242	1.11242	0.00179918	1.45149	1.45149	0.00196466	0.692707	1.44361	0.05757181	0.835214	1.1973	0.85801	1.01514	1.01514	7.17943	0.8006626	0.0991258	1
cg03182826	2HX2	0.00690221	0.0812786	0.829046	1.20621	0.370578	1.0919	1.09191	0.246862	1.12409	1.12409	0.972704	1.00332	1.00332	0.00110965	0.627393	1.59393	0.688438	0.961652	1.03958	0.0112729	0.740591	1.35027	0.0108457	1.24087	1.24087	0.0237337	1.29937	1.29937	6.64419	0.9960309	0.1324488	1
cg00415665	2HX2	0.00791388	0.03070309	0.290998	3.43645	0.0279438	0.282797	3.5361	0.093186	0.407334	-2.45499	0.0407109	3.15506	3.15506	0.00724707	0.185876	5.37993	0.939848	0.963964	1.03738	0.0102418	0.10075	9.92556	0.899925	0.940651	1.06309	0.0533132	0.343846	2.09028	6.36578	23.8437	3.32942	1
cg08788073	2HX2	0.008751	0.000393988	0.40729	-2.45525	0.910371	1.018308	1.018308	0.736511	0.947586	-1.0552	0.211376	0.8109933	-1.23306	0.526296	1.10756	1.10756	0.581624	0.91526	-1.09259	0.0993235	1.33302	1.33302	0.0389512	0.68366	-1.46272	0.0113653	0.60399	-1.65566	6.16698	2.47259	0.356392	1
cg26427777	2HX2	0.01453257	0.0105531	0.237597	-4.20881	0.00205482	0.143709	-6.95852	0.0655437	0.397193	-2.51767	0.298759	0.618076	-1.61792	0.0147914	0.261887	-3.81843	0.0700238	0.404568	-2.47177	0.0112611	0.242119	-4.1302	0.00898007	0.226651	-4.41207	0.159018	0.510453	-1.95904	5.23515	16.5473	2.8096	1
cg21160551	2HX2	0.0157945	0.18216	0.851617	-1.17424	0.229373	0.826489	-1.2542	0.00449897	0.659353	-1.53682	0.505631	1.07962	1.07962	0.1697	0.847318	-1.18047	0.919176	1.01158	1.01158	0.6466861	0.949026	-1.0537	0.00229946	1.62119	1.62119	0.6159655	1.05909	1.05909	5.09282	1.03779	0.181133	1
cg22997040	2HX2	0.019908	0.0194811	0.162553	-6.16087	0.003166	0.0747582	-13.4087	0.0637201	0.0832552	-3.82684	0.322772	0.518094	-1.93015	0.037128	2.010536	-4.9777	0.161929	0.331997	2.99403	0.00420673	0.0847493	-11.7995	0.0271202	0.185587	-5.3883	0.0625737	0.259419	-3.85477	4.71194	30.9359	5.83594	1
cg23181591	2HX2	0.0210312	0.0646673	0.857713	-1.16589	0.741918	1.02474	1.02474	0.569559	0.958381	-1.04343	0.68521	0.970308	-1.0306	0.147603	1.12177	1.12177	0.0975698	1.14391	1.14391	0.00207441	0.725666	-1.37804	0.3511001	0.931481	-1.07356	0.0396649	1.19265	1.19265	4.6965	0.040689	0.0770105	1
cg07869135	2HX2	0.0229182	0.135972	0.800334	-1.24947	0.0236718	0.418	1.64548	0.185985	1.12236	1.12236	0.8788194	0.9789372	1.022152	0.205551	1.203937	1.203937	0.463267	0.901681	1.10904	0.00236106	0.555457	-1.80012	0.935536	0.988849	-1.01128	0.139415	1.24668	1.24668	4.55976	1.38772	0.270525	1
cg05459517	2HX2	0.03690603	0.0234324	0.294321	-3.39765	0.012154	0.243718	4.10311	0.664202	0.820948	-1.2181	0.422595	1.44773	1.44773	0.0183206	0.235565	4.2451	0.08713044	0.4926208	-2.34727	0.0179202	0.272676	-3.66736	0.568299	0.77068	-1.29755	0.413742	0.685634	-1.4585	3.79337	12.2576	2.87228	1
cg25115537	2HX2	0.0411384	0.8057768	1.13636	1.13636	0.002761	0.117388	1.32014	0.0218599	0.238809	4.16841	0.57972	1.53676	1.53676	0.852404	0.9078883	-1.10146	0.796284	0.839135	1.1917	0.1758541	0.473882	-2.11023	0.0302154	0.266565	-3.75143	0.0492778	1.103375	1.103375	5.64519	15.5428	3.79014	1
cg08886760	2HX2	0.0421221	0.986177	1.00399	1.00399	0.0470471	0.168592	1.68592	0.0105571	1.50127	1.50127	0.0597253	1.62947	1.62947	0.0298765	0.555865	-1.799	0.2513364	0.759272	-1.31705	0.0717454	0.6330009	-1.58728	0.135827	0.503165	-1.44683	0.714608	1.08805	1.08805	3.61343	3.02221	0.74345	1
cg24118547	2HX2	0.0445515	0.197713	0.529105	-1.88998	0.0631934	2.65633	2.65633	0.136086	2.11896	0.6354228	1.25019	0.2995981	0.430539	-2.32267			0.819037	0.898399	-1.11309	0.0054844	0.18504	-5.40423	0.2661	1.71905	0.463235	0.705333	-1.41777	5.53876	12.2511	3.07732	1
cg22043381	2HX2	0.0452325	0.05186219	0.437709	-2.28462	0.00788202	0.172298	-3.57234	0.0914456	0.499518	-2.00193	0.388317	1.39122	1.39122	0.0129694	0.316147	-3.16309	0.659381	0.847344	-1.18016	0.0428656	0.418793	-2.38783	0.0998883	1.00005	1.00005	0.52241	0.784976	-1.27392	0.51873	7.77209	1.96336	1
cg07526439	2HX3	0.00253542	0.869862	1.03106	1.03106	0.000141147	3.404692	3.404692	0.102979	1.3948	1.3948	0.454933	1.15278	1.15278	0.00957869	0.542317	-1.84394	0.493599	0.87837	-1.13847	0.5533095	1.11843	1.11843	0.00384967	0.26789	2.06789	0.949958	0.988361	-1.01178	8.9947	4.95609	0.489867	1
cg25136068	2HX3	0.0207908	0.0225509	0.251177	-3.98125	0.0494941	3.43123	3.43123	0.0655204	2.84189	2.84189	0.1259	2.30983	2.30983	0.0106986	0.415154	-2.40959	0.516003	1.19403	1.19403	0.0104552	0.103825	9.63275	0.0241398	1.8934	1.8934	0.268523	0.155845	-1.79067	4.62878	18.7946	3.59771	1
cg22294908	2HX3;2HX3	2.42E-05	0.2150063	0.6498	0.0753334	0.689515	-1.4503	0.6570065	0.9544635	-1.09333	0.6649888	0.9214653	-1.08524	2.346E-05	0.9944153	-1.06154	0.455444	0.0375087	0.635609	-1.57329	0.0310462	0.480399	-2.49751	0.0217147	0.596097	-1.67758	5.20E-06	0.1433227	37.929	0.640281	1
cg18424634	2IC1	9.01E-06	0.9030059	1.01735	1.01735	0.103715	0.7779002	-1.28551	0.176686	1.22473	1.22473	0.0262832	1.45065	1.45065	0.835776	0.971125	-1.02973	0.000287845	0.433766	-2.30539	0.000313495	0.4383571	-2.28117	4.98E-07	7.28325	7.28325	0.000220262	0.41939	-2.38442	41.66	13.1461	0.280495	1
cg20519751	2IC1	0.000381242	0.412299	1.58072	1.58072	0.113945	2.186067	2.18405	0.0870053	2.7891	2.7891	0.8655597	1.09698	1.09698	0.0455924	0.838486	-1.44679	0.005340461	0.134737	-7.42267	0.0135932	0.559983	-1.68355	9.92E-06	1.78509	1.78509	0.0402752	1.6482	1.6482	9.4227	72.7856	4.20045	1
cg14456683	2IC1	0.000462056	0.75043	1.10174	1.10174	0.123727	1.659	1.659	0.792446	0.923049	-1.08337	0.00101091	4.39761	4.39761	0.303808	0.723699	-1.38179	0.182162	1.53718	1.53718	0.494238	0.808732	-1.2365	7.85E-06	19.5642	19.5642	0.331881	1.35522	1.35522	14.6055	21.3277	1.29791	1
cg01227537	2IC1	0.00184281	0.0593712	0.434585	-2.29883	0.0166923	0.176538	2.70678	0.170828	1.65468	0.5569	0.0022607	0.1564	0.1564	0.0002156	0.124598	8.02782	0.470822	0.612068	-1.63381	0.0873697	0.174258	5.73888	0.0002911	0.0499103	2.00486	0.0086	0.0086	7.9186	0.30427	0.0388	0.0229	1
cg16636671	2IC1	0.00209786	0.0962142	0.601194	-1.66336	0.512173	1.20344	1.20344	0.521278	1.19853	1.19853	0.107269	0.612809	-1.63183	0.00787579	0.386871	1.58484	0.6099383	0.568742	-1.75827	0.0812003	0.58362	-1.71344	0.000117881	0.583184	0.53814	0.330746	0.756118	-1.32255	5.5085	11.6853	1.09239	1
cg02647941	2IC1	0.00340188	0.206667	0.575516	-1.73757	0.0384794	0.43087	2.32187	0.0663687	1.76816	1.16836	0.0876003	2.18631	2.18631	0.760482	0.880684	-1.13548	0.74804	1.14305	1.14305	0.782612	1.12158	1.12158	6.63E-05	18.6017	18.6017	0.0223003	3.11454	3.11454	8.62461	22.467	2.42257	1
cg05371578	2IC1	0.00532884	0.3068842	0.693862	-1.44139	0.0398202	0.12198	2.41098	0.0214456	1.102	1.102	0.0086326	2.32736	2.32736	0.0139226	0.482466	-2.07249	0.3029972	0.557922	-1.79237	0.0415966	0.25826	-3.87126	0.0155789	0.71982	-1.38907	0.0175792	0.727563	0.992591	0.50849	6.26	1.0
cg14741939	2IC1	0.00836137	0.5011395	0.876631	-1.14073	0.738887	0.937519	-1.06655	0.157486	1.33848	1.33848	0.439236	1.16434	1.16434	0.666262	1.08729	1.08729	0.271175	1.24725	1.24725	0.786965	0.949097	-1.05363	9.93E-05	3.78947	3.78947	0.357036	1.20045	1.20045	6.25643	3.68583	0.523669	1
cg05700079	2IC1	0.01946443	0.6056124	1.49162	1.49162	0.0250969	2.82444	2.82444	0.172144	2.83182	2.83182	0.0265204	2.84189	2.84189	0.1259	2.303983	2.303983	0.614886	1.47609	1.47609	0.731496	0.7264488	0.9978	0.0199826	0.151352	0.151352	0.993584	0.997467	0.997467	4.44465	8.32079	1.0	1
cg17280146	2IC1	0.0211833	0.717822	1.24792	1.24792	0.226039	2.172545	2.17245	0.863655	0.900207	-1.11086	0.5910044	1.39247	1.39247	0.670888	1.729817	1.37021	0.895982	1.0831	1.0831	0.524192	0.6744112	-1.48277	0.0003031102	0.361333	0.361333	0.0164483	2.0336	2.0336	6.41332	27.2143	5.24363	1
cg16756243	2IC1	0.0253083	0.502553	0.595099	-1.68039	0.426225	0.5361	-1.85839	0.617592	0.681177	-1.46805	0.0417699	0.166961	-5.98942	7	7	0.971125	0.00363514	0.0777688	-12.8586	0.477627	0.5765351	-1.7345	0.0379576	0.159555	-6.26742	0.0020084	0.0359706	-27.8005	4.41421	36.1548	8.19055	1
cg23468878	2IC1	0.0494853	0.2321169	0.58072	1.58072	0.113945	2.186067	2.18405	0.0870053	2.7891	2.7891	0.8655597	1.09698	1.09698	0.0455924	0.838486	-1.44679	0.0048206	0.229723	-4.35307	0.0107322	0.26754	-3.73776	0.009669	1.64066	1.64066	0.0179008	0.555449	-1.80055	41.6542	27.6639	5.97511	1
cg12204258	2IC1	0.033702	0.142593	0.205226	-4.87267	0.9832	0.012138	1.02138	0.617317	1.65895	1.65895	0.220437	0.274024	-3.64931	0.00367509	0.0193295	-51.7345	0.251385	0.299552	-3.33387	0.600512	0.70053	-1.70053	0.016541	0.0870191	-11.4917	0.00824854	0.0335424	-29.813	3.92026	62.6899	14.2145	1
cg04738965	2IC1;2IC1	7.10E-05	0.2856461	0.4052	-2.46853	0.0156372	0.76078	-1.31458	0.0166653	0.6407703	-1.56097	0.0015776	0.1444141	0.1444141	0.0007103	0.4497703	-2.22363	0.1784252	0.222161	-4.50203	0.0044695	0.0144107	-6.93889	0.0012326	0.0133208	-7.50766	0.0010308	0.0044695	0.0144107	-6.93889	0.0012326	0.0133208	-7.50766	1
cg26375057	2IC1;2IC1	0.000509335	0.0693986	1.40124	1.40124	0.115928	1.32815	1.32815	0.939771	1.01263	1.01263	0.338235	0.848777	-1.17817	0.844658	1.03012	1.03012	0.539486	0.901969	-1.10869	0.501303	0.892834	-1.12003	5.09E-06	5.60337	5.60337	0.81136	1.04051	1.04051	14.2181	6.21144	0.388327	1
cg01610632	2IC1;2IC1	0.045809	0.718158	1.17489	1.17489	7	7	7	0.208815	1.80248	1.80248	0.384594	1.48649	1.48649	0.712113	1.17918	1.17918	0.911288	0.951647	-1.05081	0.962426	1.02117	1.02117	0.000855055	9.27669	9.27669	0.716385	1.17615	1.17615	5.55507	9.89678	2.78385	1
cg20057676	2IC2	2.70E-05	0.9634918	1.03777	1.03777	0.764375	0.9313337	-1.07372	0.0046095	1.43489	2.43489	0.6364666	1.12146	1.12146	0.812747	0.9519197	-1.05132	0.00728963	2.26796	-2.26796	2.31E-07	0.84012	1.19042	0.0003729	1.13314	1.13314	0.0003752	1.42724	1.42724	0.0001723	2.33334	7.33334	0.6606002	1.87431	0.1443753	0.0003	1
cg00244745	2IC2	7.79E-05	0.245421	1.27284	1.27284	4.11E-05	0.72552	4.72552	0.00619014	2.03174	2.03174	0.0011344	2.58794	2.58794	0.527491	1.13556	1.13556	0.21575	0.772044	-1.29526	0.246272	0.786017	-1.27224	6.57E-07	14.7959	14.7959	0.1133038	1.37965	1.37965	10.0456	19.388	0.555113	1
cg07414095	2IC2	0.000380778	0.2277325	0.4393	-2.27618	0.0384794	0.43087	2.32187	0.0663687	1.76816	1.16836	0.0876003	2.18631	2.18631	0.760482	0.880684	-1.13548	0.0056047	0.28972	-3.89359	0.0156002	0.0312	-32.0513	5.96E-06	0.75555	0.75555	0.0159169	0.4705	0.4705	0.0001	0.45953	0.97002	1	1
cg17882660	2IC2	0.000417029	0.224045	0.678944	-1.47288	0.223924	0.678868	-1.47304	0.0599791	1.90276	1.90276	0.309761	0.727135	-1.37526	0.424878	0.782662	-1.27769	0.0103388	0.62846	-1.59122	0.0012158	0.12158	1.12158	6.63E-05	18.6017	18.6017	0.0223003	3.11454	3.11454	8.62461	22.467	2.42257	1
cg03495768	2IC2	0.000847475	0.295643	0.700024	-1.42852	0.632686	0.853355	-1.17158	0.010145	0.344248	-2.90488	0.138541	0.689441	0.689441	0.607721	1.18563	1.18563	0.024406	2.42279	2.42279	2.28E-05	16.2519	16.2519	0.2728555	0.687086	-1.45542	0.9520384	0.729851	-1.37014	12.3302	21.1187	1.52245	1
cg04493558	2IC2	0.00130153	0.3645542	0.709155	-1.40972	0.3537203	1.08152	1.08152	0.0229229	2.08208	2.08208	0.1259	2.30983	2.30983	0.0106986	0.415154	-2.40959	0.2059088	1.11162	1.11162	0.149747	1.2884702	1.28847	0.0004455	1.39716	1.39716	0.0063069	1.70869	1.70869	0.0004455	1.39716	1.39716	0.0063069	1.70869	1
cg15773704	2IC2	0.00244335	0.854082	0.974849	-1.0258	0.000414708	2.17074	2.17074	0.60263	1.07538	1.07538	0.183859	0.822777	-1.2154	0.102253	0.780807	-1.28073	0.00748856	0.62106	-1.61015	0.00787977	1.60376	0.863353	0.997636	-1.00237	0.00994054	1.57571	1.57571	0.09314	2.75699	0.269506	1
cg18431640	2IC2	0.00363399	0.684902	0.884202	-1.13078	0.5134	1.14512	1.14512	0.0132266	1.2746	1.2746	0.1259	2.30983	2.30983	0.0106986	0.415154	-2.40959	0.1006769	1.14724	1.14724	0.0822447	0.8714084	1.08224	0.0007881	1.54008	1.54008	0.0107525	1.52753	1.52753	0.0007881	1.54008	1.54008	0.0107525	1.52753	1
cg24623271	2IC2	0.00487576	0.80065	1.0308	1.0308	0.241453	1.15835	1.15835	0.0193976	1.40336	1.40336	0.00105434	1.78753	1.78753	0.995893	0.999383	-1.00062	0.6568558	1.05506	1.05506	0.104599	0.8084291	-1.23697	0.00195444	1.69045	1.69045	0.00391153	1.59295	1.59295	7.39514	1.68325	0.202325	1
cg17242608	2IC2	0.00650339	0.8628584	0.97682	-1.0238	0.737203	1.08152	1.08152	0.0229229	2.08208	2.08208	0.1259	2.30983	2.30983	0.0106986	0.415154	-2.40959	0.2059088	1.11162	1.11162	0.149747	1.2884702	1.28847	0.0004455	1.39716	1.39716	0.0063069	1.70869	1.70869	0.0004455	1.39716	1.39716	0.0063069	1.70869	1
cg19727984	2IC2	0.0176663	0.791711	0.899433	-1.11183	0.00945365	3.73243	3.73243	0.0224436	5.54543	5.54543	0.823837	0.920419	1.08625	0.992501	0.771595	-1.29602	0.526679	0.773461	-1.29289	0.100425	0.486419	-2.05584	0.0354363	0.66034	0.66034	0.158232	0.528213	0.528213	0.12963	4.90588	2.2576	1
cg24690071	2IC2	0.0222255	0.0056973	12.5323	12.5323	0.104817	3.44193	3.44193	0.0174643	7.5191	7.5191	0.671879	1.34592	1.34592	0.284089	2.17265	2.17265	0.10437	3.44842	3.44842	0.899046	1.09254	1.09254	0.00155083	23.8858	23.8858	0.191532	2.62258	2.62258	4.53803	34.9454	6.84496	1
cg18383880	2IC2	0.0223212	0.158804	0.631795	-1.58328	0.0177258	0.314558	3.18045	0.0107718	0.5452	1.83495	0.0615581	1.35962	1.35962	0.351794	0.735407	-1.36011	0.0048206	0.229723	-4.35307	0.0107322	0.26754	-3.73776	0.009669	1.64066	1.64066	0.0179008	0.555449	-1.80055	41.6542	27.6639	5.97511	1
cg01432620	2IC2	0.0349486	0.296831	0.811504	-1.23228	0.330092	0.823598	-1.21418	0.0030139	2.19311	2.19311	0.10263	1.4118	1.4118	0.906207	1.02302	1.02302	0.55998	1.10254	1.10254	0.127673	0.727561	-1.37445	0.117406	1.38874	1.38874	0.075411	1.46554	1.46554	3.86919	2.28408	0.524941	1
cg15180010	2IC2	0.0400589	0.586051	0.751559	-1.33057	0.548414	1.32314	1.32314	0.0122392	5.05815	5.05815	0.94703	0.96618	-1.03511	0.0247344	2.149414	-4.6094	0.5147075	0.709571	-1.4093	0.0125792	0.10189	5.01189	0.0115722	1.72245	1.72245	0.0179153	0.872039	-1.14674	3.68838	7.55	3.79783	1
cg05123865	2IC3	0.000188914	0.12919	0.540646	-1.85002	0.000644967	4.26851	4.26851	0.0001145	6.48145	6.48145	0.0001145	1.19622	1.19622	0.000712738	1.47398	1.47398	0.0226265	2.13116	2.13116	0.0001145	0.1153652	-8.67405	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	0.0001145	1
cg00769064	2IC3	0.000202712	0.0353707	0.466097	-2.14548	0.0102075	4.56018	4.56018	0.594453	1.18225	1.18225	0.0213586	2.36726	2.36726	0.0396086	0.47643	-2.09895	0.0138149	0.387492	-2.5807	0.593138	1.18297	1.18297	9.86E-06	19.2944	19.2944	0.0514274	1.99553	1.99553	14.3082	28.1401	1.36654	1
cg05599881	2IC3	0.00799329	0.36086	0.7414	-1.34856	0.2124	0.541628	-1.84619	0.0300005	0.767475	1.30302	0.0702	1.42674	1.42674	0.0995106	0.65042	-1.53756	0.0702	1.42674	0.0995106	0.65042	-1.53756	0.0702	1.42674	0.0995106	0.65042	-1.53756	0.0702	1.42674	0.0995106	0.65042	-1.53756	0.0702	1.42674	0.0995106	0.65042	-1.53756	1
cg19534423	2IC3	0.0149892	0.0298758	0.488862	-2.04557	0.00124753	0.266958	-3.74591	0.0726054	0.570641	-1.75242	0.24622	0.687373	-1.45481	0.0074708	0.381132	-2.62376	0.747633	1.09463	1.09463	0.0241999	0.47113	-2.12255	0.0482246	0.531393	-1.88185	0.0548565	0.543435	-1.84014	5.18193	6.43735	1.10424	1
cg01063406	2IC3	0.0400487	0.150243	0.655838	-1.51962	0.0197304	0.439825	-2.27363	0.0724131	0.753506	-1.32713	0.106633	0.332608	-3.01473	0.0218077	0.120607	-8.29472	0.1375558	0.278811	-3.58665	0.0220596	0.098438	-10.161	0.0100152	0.895589	0.0317332	0.133878	-7.46942	0.8478	0.28753	8.97974	1	1
cg13278496	2IC4	0.0109558	0.856503	0.956531	-1.04544	0.000194766	4.65582	4.65582	0.802106	0.940205	-1.0636	0.146172	0.681801	-1.4667	0.544603	0.860227	-1.16248	0.647124	0.893005	-1.11981	0.810785	0.942812	-1.06066	0.0990259	1.00117	1.00117	0.258458	0.748639	-1.33576	7.53996	5.4802	0.848664	1
cg24686610	2IC4;2IC1	0.0424981	0.437595	2.26901	2.26901	0.373766	2.57212	2.57212	0.718968	1.45339	1.45339	0.249582	0.287907	-3.47334	0.00624436	0.0250251	-39.9598	0.371584	0.387018	-2.58186	0.0369477	0.0814992	-12.2701	0.0988725	6.50357	6.50357	0.0791525	0.1330272	-7.51473	3.60153	61.0718	15.073	1
cg24314487	2IC4;2IC1	0.0427729	0.1531403	0.644284	-1.5527	0.0177258	0.314558	3.18045	0.0107718	0.5452	1.83495	0.0615581	1.35962	1.35962	0.351794	0.735407	-1.36011	0.5123644	0.412685	-2.42316	0.0261927	0.0288007	-33.5562	0.012979	0.8784664	1.13852	0.5201777	0.9265357	1.07938	0.9264664	1.07939	0.9264664	1.07939	0.9264664	1.07939	1
cg00028935	2IC4;2IC1;2IC4	0.00901743	0.0884895	0.142471	-7.01898	0.245097	0.372259	-2.6863	0.0169741	0.65168	0.6568	0.008773	0.193935	-5.15637	0.0222002	0.107726	-9.28278	0.087553	0.215925	-4.63123	0.0381943	0.704635	0.704635	0.0228585	0.109349	-9.14505	0.0159287	0.0907995	-11.0133	0.610862	0.93068	9.29932	1
cg08091102	2IC4;2IC1;2IC4	0.00158864	0.1408148	0.305157	-3.27662	0.0230107	0.233504	4.28135	0.0127943	0.608062	0.60806	0.0060256	0.231095	-4.32935	0.0124217	0.0912044	10.9655	0.0748805	0.231096	-4.32935	0.0124483	0.5950626	0.595062	0.0124483	0.189617	-5.27379	0.0010208	0.0899311	-11.1196	0.5313	0.8453	0.20253	1
cg02387803	2IC4;2IC1;2IC4	0.0173838	0.0454813	0.0580445	-17.2282	0.0914748	0.0996367	-10.0365	0.1312	7.55538	7.55538	0.0562901	0.0684095	-14.6179	0.0100729	0.0177773	-56.2516	0.0392399	0.0518018	-19.3044	0.1476826	6.8729	6.8729	0.201204	1.1873	-3.33903	0.00896025	0.0161464	-61.8657	4.93248	120.297	21.6789	1
cg19516404	2IC4;2IC1;2IC4	0.0181808	0.153417	0.648135	-2.45017	0.435323	0.627119	-1.59459	0.0755312	3.1929	3.1929	0.0249758	0.209332	-4.77709	0.0500616

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12014052	ZIM3	6.89E-05	0.000228038	0.185305	-5.39651	0.852057	1.05273	1.05273	0.000629045	0.23539	-4.24827	0.486448	1.21487	1.21487	2.25E-05	0.0964757	-10.3653	0.0159738	0.443988	-2.25231	8.00E-06	0.0679497	-14.7168	0.480252	1.21835	1.21835	0.0916741	0.599812	-1.66719	24.4498	29.3346	1.06648	1
cg19345277	ZIM3	0.00047919	0.802077	1.0631	1.0631	0.000974452	0.302613	-3.30455	5.06E-05	0.157164	-6.36277	0.000709129	0.284588	-3.51385	0.000640943	0.278974	-3.58457	0.0122295	0.467457	-2.13923	0.360533	1.25734	1.25734	0.648188	0.894119	-1.11842	0.617517	0.884571	-1.13049	14.46	13.5921	0.835538	1
cg24841424	ZIM3	0.00311356	0.0114653	0.285476	-3.50293	0.0401232	0.390654	-2.55981	0.00293286	0.198033	-5.04966	0.249285	0.620513	-1.61157	0.0975484	0.486517	-2.05543	0.0970777	2.05791	2.05791	0.00104214	0.146064	-6.84632	0.000900724	0.139611	-7.16276	0.0569798	0.425876	-2.3481	8.46417	21.0542	2.21107	1
cg26785431	ZIM3	0.0085081	0.016013	0.11712	-8.53827	0.00476556	0.065501	-15.2669	0.0165908	0.11906	-8.39914	0.490809	0.601069	-1.6637	0.00653811	0.0765461	-13.064	0.160001	0.335572	-2.97999	0.00197905	0.0416466	-24.0115	0.00627823	0.0750455	-13.3253	0.040221	0.178357	-5.60673	6.22214	52.1331	7.44768	1
cg04679530	ZIM3	0.0324362	0.0153254	0.184331	-5.42503	0.520617	0.690774	-1.44765	0.139527	0.40521	-2.46785	0.104454	0.364832	-2.74098	0.00310975	0.10048	-9.95222	0.434049	0.635403	-1.5738	0.0100287	0.157777	-6.33807	0.658747	1.28725	1.28725	0.630672	0.75941	-1.31681	3.97456	20.3175	4.54391	1
cg22057816	ZIM3;ZIM3	0.00233784	0.748048	0.87951	-1.137	0.000428607	0.108554	-9.21198	0.00341104	0.20489	-4.88066	0.0303898	0.362851	-2.75595	0.00247741	0.187143	-5.3435	0.00781113	0.256579	-3.89744	0.00258286	0.189391	-5.28007	0.411493	1.3973	1.3973	0.82446	0.915302	-1.09254	9.2118	23.154	2.23424	1
cg10887359	ZKSCAN1	2.86E-05	0.00614042	0.68743	-1.45469	0.722214	1.03813	1.03813	0.783769	1.02925	1.02925	0.109	0.832584	-1.20108	0.372176	0.908423	-1.10081	0.0487893	0.789867	-1.26604	4.46E-07	0.224156	-4.46117	0.179769	0.861265	-1.16108	3.87E-05	0.437552	-2.28544	30.8518	5.36937	0.1547	1
cg02891218	ZKSCAN1	0.00151083	0.0254666	0.355403	-2.8137	0.000345911	0.106143	-9.42124	0.0314133	0.374045	-2.67347	0.091661	0.485022	-2.06176	0.0800535	0.469242	-2.1311	0.500748	0.766237	-1.30508	0.000189896	0.0861978	-11.6012	0.000944659	0.146458	-6.82789	0.00795604	0.26564	-3.76449	10.4579	25.1408	2.13689	1
cg21540035	ZKSCAN1	0.00206144	0.00492089	0.273651	-3.65429	0.00795707	0.306203	-3.26581	0.0166527	0.361703	-2.7647	0.0538629	0.467021	-2.14123	0.00111183	0.188051	-5.3177	0.0102917	0.324742	-3.07936	0.000139785	0.101478	-9.85433	0.014098	0.348559	-2.86896	0.0337944	0.422257	-2.36823	9.55722	18.3146	1.70339	1
cg00155447	ZKSCAN1	0.00817681	0.991189	0.997913	-1.00209	0.655798	1.08857	1.08857	0.437884	0.86097	-1.16148	0.582625	0.90033	-1.1107	0.000112168	0.276861	-3.61192	0.86158	1.03357	1.03357	0.124583	1.36964	1.36964	0.563584	0.895428	-1.11678	0.835226	0.961364	-1.04019	6.30063	3.57104	0.5038	1
cg12557168	ZKSCAN1	0.011475	0.587471	0.77183	-1.29562	0.755125	0.862492	-1.15943	0.214352	0.53897	-1.85539	0.125333	0.456403	-2.19105	0.265205	0.577521	-1.73154	0.360674	0.641265	-1.55942	0.000226105	0.0550488	-18.1657	0.752826	0.861247	-1.16111	0.00689983	0.191371	-5.22544	5.65483	20.0219	3.14726	1
cg22004693	ZKSCAN1	0.0154924	0.0669004	0.432056	-2.31452	0.00275993	0.185065	-5.4035	0.175171	0.554843	-1.80231	0.111017	0.491973	-2.03263	0.00645351	0.235258	-4.25065	0.0242222	0.33365	-2.99715	0.00676992	0.23836	-4.19534	0.781399	1.12036	1.12036	0.0459255	0.392703	-2.54646	5.12558	13.5498	2.34983	1
cg04024839	ZKSCAN1	0.03056	0.0666772	0.660542	-1.51391	0.830296	0.957636	-1.04424	0.274777	1.25756	1.25756	0.112835	0.70604	-1.41635	0.258664	0.788445	-1.26832	0.611448	0.901834	-1.10885	0.00641857	0.489149	-2.04437	0.00392062	0.457054	-2.18793	0.0772901	0.672929	-1.48604	4.06005	2.61557	0.572641	1
cg23056437	ZKSCAN1	0.0340082	0.77567	1.1008	1.1008	0.611661	0.841899	-1.18779	0.597727	0.836118	-1.196	0.101217	1.82804	1.82804	0.000766129	0.180316	-5.54583	0.964417	0.985117	-1.01511	0.828775	0.929786	-1.07552	0.656173	1.16255	1.16255	0.33846	0.717734	-1.39327	3.9075	6.99181	1.59052	1
cg07626409	ZKSCAN2	0.000816726	0.0241737	1.27294	1.27294	0.115239	0.857485	-1.1662	0.0890396	1.18339	1.18339	0.00478208	0.71445	-1.39968	0.0424652	1.2334	1.2334	0.00201257	0.676212	-1.47883	0.00106705	1.54368	1.54368	0.00153359	1.50583	1.50583	0.190384	1.13259	1.13259	12.4593	1.59063	0.113481	1
cg02018408	ZKSCAN2	0.0209683	0.0341172	0.626279	-1.59673	0.545952	0.890781	-1.12261	0.832173	0.960633	-1.04098	0.00297054	2.16323	2.16323	0.0149429	0.567574	-1.76188	0.371961	0.84073	-1.18944	0.389145	0.846177	-1.18179	0.406059	0.851402	-1.17453	0.100382	0.711306	-1.40587	4.62941	2.62621	0.504256	1
cg08360281	ZKSCAN2	0.0219462	0.0380407	1.63898	1.63898	0.050594	1.58041	1.58041	0.161785	1.35926	1.35926	0.219095	0.766799	-1.30412	0.06274	0.650369	-1.53759	0.033893	1.66335	1.66335	0.0646881	1.53159	1.53159	0.0128452	1.88661	1.88661	0.0655958	1.52886	1.52886	4.55777	3.04682	0.594213	1
cg07339812	ZKSCAN2	0.0325537	0.966061	0.989152	-1.01097	0.210605	1.40237	1.40237	0.325265	1.29743	1.29743	0.0344511	0.531373	-1.88192	0.478919	1.20265	1.20265	0.946883	0.983065	-1.01723	0.00338206	2.77772	2.77772	0.0191447	2.06834	2.06834	0.53347	1.17548	1.17548	3.96941	4.13121	0.925122	1
cg05184636	ZKSCAN2;ZKSCAN2	0.00149386	0.0077476	0.724568	-1.38013	0.422029	1.08033	1.08033	0.00028185	1.74923	1.74923	0.00294532	0.680701	-1.46907	0.333115	1.09861	1.09861	0.00779754	0.724859	-1.37958	0.184475	1.1418	1.1418	0.905938	0.988926	-1.0112	0.344804	1.096	1.096	10.492	1.47461	0.124931	1
cg09620016	ZKSCAN2;ZKSCAN2	0.0211725	0.422019	0.911497	-1.0971	0.899342	0.985804	-1.0144	0.441315	1.09276	1.09276	0.0507352	0.777633	-1.28595	0.871225	0.981838	-1.0185	0.0202139	0.728751	-1.37221	0.134394	0.833289	-1.20006	0.225589	0.866075	-1.15463	0.00249282	1.60767	1.60767	4.61412	0.932842	0.179708	1
cg15845016	ZKSCAN3	0.000474825	0.313752	0.842924	-1.18635	0.00614426	0.556363	-1.79739	0.0663884	0.713424	-1.40169	0.699842	1.0656	1.0656	0.000376302	0.393628	-2.54047	0.000680081	0.426736	-2.34337	4.99E-05	0.286932	-3.48514	0.987653	0.997465	-1.00254	0.0010213	0.44991	-2.22267	14.4967	6.17609	0.378698	1
cg22468666	ZKSCAN3	0.00293002	0.0964896	0.735774	-1.35911	0.809495	0.960204	-1.04144	0.413632	0.868904	-1.15088	4.20E-05	0.269601	-3.70918	0.619783	0.919342	-1.08773	0.381789	1.16279	1.16279	0.0783392	1.38932	1.38932	0.382617	0.860238	-1.16247	0.438759	0.875651	-1.14201	8.6183	3.8588	0.397995	1
cg26543164	ZKSCAN3	0.0478148	0.407336	0.860539	-1.16206	0.295783	0.82521	-1.21181	0.835068	1.03764	1.03764	0.315878	0.832136	-1.20173	0.837837	0.964337	-1.03698	0.0017389	0.453251	-2.20628	0.588533	0.907752	-1.10162	0.300365	0.826816	-1.20946	0.0112642	0.569744	-1.75517	3.446	1.71379	0.442069	1
cg09015325	ZKSCAN3;ZNF323	0.0185466	0.601175	0.801524	-1.24762	0.524658	1.31054	1.31054	0.302159	0.638647	-1.56581	0.0278985	0.336248	-2.97399	0.00995742	0.255274	-3.91736	0.00971582	0.253561	-3.94383	0.00185083	0.156629	-6.3845	0.234419	0.592822	-1.68685	0.155014	0.528131	-1.89347	4.82626	13.4508	2.47733	1
cg09954723	ZKSCAN3;ZNF323;ZKSCAN3;ZNF323	0.000424176	0.815956	0.907439	-1.102	0.318155	1.53702	1.53702	0.0957502	2.14311	2.14311	0.325781	1.52605	1.52605	0.752542	0.876543	-1.14085	0.320726	1.53329	1.53329	?	?	?	8.08E-06	0.0171713	-58.2366	0.131934	1.96877	1.96877	15.3229	37.4384	2.44329	1
cg13961449	ZKSCAN3;ZNF323;ZKSCAN3;ZNF323	0.000856645	0.324892	0.81646	-1.2248	0.83021	0.958071	-1.04376	0.34228	0.822693	-1.21552	0.853634	0.963833	-1.03752	0.540083	0.883622	-1.13171	0.811518	0.953466	-1.04881	7.80E-06	0.141505	-7.06689	0.856447	0.964525	-1.03678	0.144439	1.36712	1.36712	12.2929	7.74622	0.560125	1
cg01192291	ZKSCAN4	1.33E-05	0.000744775	0.290159	-3.44638	2.64E-06	0.0649041	-15.4073	0.00199933	0.348378	-2.87044	0.00133372	0.323848	-3.08786	1.08E-06	0.0461167	-21.6841	0.468524	1.19515	1.19515	0.000300392	0.241425	-4.14208	0.460088	1.19936	1.19936	0.00753521	0.435564	-2.29588	37.7027	34.8855	0.822471	1
cg12561748	ZKSCAN4	0.0162392	0.00466408	0.68132	-1.46774	0.142859	1.17424	1.17424	0.778731	1.02915	1.02915	0.127972	1.18275	1.18275	0.209091	1.14458	1.14458	0.107456	0.835946	-1.19625	0.0776189	1.22146	1.22146	0.0113925	1.38133	1.38133	0.349754	0.906492	-1.10315	5.04601	0.831366	0.146451	1
cg10481571	ZKSCAN4	0.0214375	0.883336	1.01435	1.01435	0.249283	1.12395	1.12395	0.0149211	1.33708	1.33708	0.19643	1.14173	1.14173	0.321713	1.10444	1.10444	0.414795	0.922297	-1.08425	0.00182338	0.650567	-1.53712	0.553803	0.94354	-1.05984	0.348146	0.910527	-1.09826	4.59454	0.685186	0.132561	1
cg24154054	ZKSCAN4	0.0280304	0.271614	1.13249	1.13249	0.839618	1.02227	1.02227	0.0205899	1.3542	1.3542	0.897902	1.01405	1.01405	0.903	1.01334	1.01334	0.451469	0.919979	-1.08698	0.00182094	0.61769	-1.61894	0.141318	1.18764	1.18764	0.978938	1.00287	1.00287	4.18618	0.783633	0.166396	1
cg21761427	ZKSCAN4	0.0304898	0.0773966	0.779998	-1.28205	0.559204	1.07761	1.07761	0.00201639	0.576172	-1.73559	0.57554	0.930908	-1.07422	0.110385	0.802361	-1.24632	0.0816413	0.783301	-1.27665	0.0152275	0.685759	-1.45824	0.0413472	0.742444	-1.3469	0.442924	0.905734	-1.10408	4.06337	1.03083	0.225501	1
cg19164917	ZKSCAN5;ZKSCAN5	0.00487635	0.000213225	0.214183	-4.66889	0.14875	1.47079	1.47079	0.304389	1.3034	1.3034	0.871288	1.04122	1.04122	0.774624	1.07414	1.07414	0.267151	1.33374	1.33374	0.0125355	0.461332	-2.16764	0.448192	1.21234	1.21234	0.0465071	0.56666	-1.76473	7.39487	7.26833	0.873679	1
cg02592473	ZKSCAN5;ZKSCAN5	0.00785164	0.000320811	0.174416	-5.73343	0.0799918	1.79075	1.79075	0.0314677	2.13127	2.13127	0.290875	0.719827	-1.38922	0.367025	0.757344	-1.3204	0.974711	1.00955	1.00955	0.0662321	0.539045	-1.85513	0.765027	0.91402	-1.09407	0.898407	0.962414	-1.03905	6.3816	9.09212	1.26643	1
cg18372621	ZKSCAN5;ZKSCAN5	0.0179724	0.00192416	0.52177	-1.91655	0.0393595	0.702461	-1.42357	0.293415	1.17525	1.17525	0.785213	0.960334	-1.0413	0.0355596	0.69592	-1.43695	0.0520983	0.720821	-1.38731	0.46188	0.894965	-1.11736	0.4777	1.11288	1.11288	0.0134219	0.635343	-1.57395	4.87764	1.69576	0.309031	1
cg27121529	ZKSCAN5;ZKSCAN5	0.0200036	0.277459	1.33398	1.33398	0.859464	0.95579	-1.04625	0.255604	1.35364	1.35364	0.129749	1.51831	1.51831	0.428861	0.813785	-1.22883	0.211005	0.714454	-1.39967	0.00289545	0.351754	-2.8429	0.012253	2.21683	2.21683	0.212257	1.39825	1.39825	4.70428	4.84986	0.916398	1
cg26819916	ZKSCAN5;ZKSCAN5	0.0312629	0.433351	0.870652	-1.14856	0.0880805	1.38555	1.38555	0.631376	0.91966	-1.08736	0.367598	1.17392	1.17392	0.885421	0.975329	-1.0253	0.680616	1.07434	1.07434	0.000879686	0.421491	-2.37253	0.702063	1.06886	1.06886	0.520793	1.11937	1.11937	4.02728	1.9145	0.422564	1
cg16890298	ZKSCAN5;ZKSCAN5	0.0483575	0.0109598	1.89823	1.89823	0.752493	0.938462	-1.06557	0.4762	0.864644	-1.15654	0.11186	1.41566	1.41566	0.31309	0.811013	-1.23303	0.438554	1.1719	1.1719	0.0632504	1.52103	1.52103	0.137624	1.3785	1.3785	0.0123309	1.86936	1.86936	3.43133	2.19034	0.567411	1
cg23544702	ZMAT1	0.00124057	0.230128	0.710601	-1.40726	0.000882625	0.258607	-3.86688	0.494871	1.20693	1.20693	0.000558983	0.234022	-4.2731	0.000695699	0.245625	-4.07124	0.140005	0.649947	-1.53859	0.00971363	2.42937	2.42937	0.919847	1.02769	1.02769	0.999795	0.99993	-1.00007	11.0662	12.905	1.03659	1
cg02019635	ZMAT1;ZMAT1	0.00232314	0.460559	1.2143	1.2143	0.00121856	0.294238	-3.39861	0.00448313	0.37555	-2.66276	0.528055	0.847706	-1.17965	0.000106201	0.170623	-5.86087	0.827036	1.05819	1.05819	0.678098	0.897741	-1.11391	0.515079	0.843163	-1.18601	0.692117	0.90225	-1.10834	9.22886	9.76313	0.940348	1
cg17929087	ZMAT1;ZMAT1	0.00482508	0.984741	0.994575	-1.00545	0.00404311	0.333497	-2.99853	0.00980827	0.395098	-2.53101	0.0254553	0.469857	-2.12831	0.00320235	0.318384	-3.14087	0.984344	0.994434	-1.0056	0.0206004	2.21044	2.21044	0.0762913	1.75234	1.75234	0.688371	1.12151	1.12151	7.41872	9.50566	1.13894	1
cg11081809	ZMAT1;ZMAT1;ZMAT1	3.25E-05	0.117386	0.815387	-1.22641	0.000524152	0.522747	-1.91297	0.000294964	0.492871	-2.02893	5.32E-05	0.404424	-2.47265	1.40E-06	0.228753	-4.37153	0.536408	0.927625	-1.07802	0.0137818	1.44101	1.44101	0.191252	0.847008	-1.18063	0.0657052	0.780485	-1.28126	29.832	6.80378	0.202729	1
cg17778434	ZMAT2	6.78E-07	1.09E-05	0.230665	-4.33529	1.61E-05	3.94432	3.94432	1.78E-05	3.85228	3.85228	8.98E-05	0.36167	-2.76495	9.73E-08	0.0384279	-26.0227	0.0308358	0.734542	-1.36139	?	?	?	0.0144994	1.45284	1.45284	1.59E-05	3.95549	3.95549	230.403	40.5192	0.131897	1
cg07382002	ZMAT2	0.000107052	0.446203	1.08318	1.08318	0.0181648	1.34333	1.34333	0.00400105	1.48888	1.48888	4.78E-05	2.19874	2.19874	0.0028434	1.52612	1.52612	0.116354	1.19195	1.19195	6.72E-06	2.79845	2.79845	0.000921624	1.66425	1.66425	0.000246427	1.86467	1.86467	21.7404	3.64594	0.149069	1
cg01041703	ZMAT2	0.00199299	0.00293825	0.490748	-2.0377	0.00302185	0.492454	-2.03065	0.0345124	0.650746	-1.5367	0.0453032	0.670209	-1.49207	0.00403382	0.510141	-1.96024	0.00324733	0.496839	-2.01272	0.000141809	0.318597	-3.13877	0.0153375	0.595348	-1.67969	0.0827521	0.715467	-1.39769	9.65176	4.64214	0.427522	1
cg07889058	ZMAT2	0.0202655	0.332486	1.1358	1.1358	0.0240333	1.40894	1.40894	0.590858	0.93321	-1.07157	0.677684	0.948155	-1.05468	0.138666	1.22511	1.22511	0.00347331	1.65738	1.65738	0.0865139	0.785706	-1.27274	0.200687	0.841855	-1.18785	0.0308155	1.38129	1.38129	4.68352	1.20339	0.228392	1
cg15815587	ZMAT2	0.0232103	0.00316517	0.401857	-2.48845	0.86309	0.961727	-1.0398	0.0177487	1.9191	1.9191	0.172227	0.719982	-1.38892	0.607278	1.12436	1.12436	0.481891	0.850764	-1.17541	0.444623	1.19267	1.19267	0.0262026	0.550828	-1.81545	0.389042	0.819067	-1.2209	4.4708	3.61989	0.71971	1
cg20948472	ZMAT2	0.0267745	0.422184	1.19722	1.19722	0.0106335	2.0243	2.0243	0.00400642	2.33735	2.33735	0.059442	1.59539	1.59539	0.0123508	1.98163	1.98163	0.0254329	1.79168	1.79168	0.939354	0.983433	-1.01685	0.517543	1.15494	1.15494	0.804815	1.05587	1.05587	4.25416	3.24772	0.678599	1
cg22976331	ZMAT2	0.0446558	0.312583	1.49099	1.49099	0.345635	1.44979	1.44979	0.185997	1.7095	1.7095	0.0369455	0.39591	-2.52583	0.00306633	0.212157	-4.7135	0.238916	0.62397	-1.60264	0.622492	0.827157	-1.20896	0.926925	0.965529	-1.0357	0.846133	1.07712	1.07712	3.53567	8.18845	2.05863	1
cg16028965	ZMAT3;ZMAT3	0.0129402	0.0615399	1.51361	1.51361	0.0058754	0.491878	-2.03302	0.0133979	0.547297	-1.82716	0.454833	1.16163	1.16163	0.986151	1.00342	1.00342	0.0586803	1.52244	1.52244	0.01374	1.82134	1.82134	0.944975	0.986507	-1.01368	0.666346	0.918169	-1.08912	5.43834	3.33625	0.545306	1
cg01092770	ZMAT3;ZMAT3	0.0163816	0.499572	0.95115	-1.05136	0.207277	1.10206	1.10206	0.288678	0.922664	-1.08382	0.0144243	0.802242	-1.24651	0.413227	1.06304	1.06304	0.701562	1.02854	1.02854	0.000602219	0.679326	-1.47205	0.982578	0.998406	-1.0016	0.934234	1.00605	1.00605	5.03135	0.425532	0.0751787	1
cg19408207	ZMAT3;ZMAT3	0.0381336	0.159219	0.586104	-1.70618	0.901047	0.956787	-1.04516	0.892003	0.952904	-1.04942	0.862291	1.0636	1.0636	0.323723	0.69632	-1.43612	0.184223	1.64907	1.64907	0.383857	0.728262	-1.37313	0.00452694	3.83176	3.83176	0.0186005	0.363035	-2.75456	3.74832	7.48663	1.7754	1
cg14822721	ZMAT4;ZMAT4	9.92E-07	0.439647	0.915863	-1.09187	0.066896	1.25742	1.25742	3.41E-06	0.295177	-3.3878	1.21E-05	0.35695	-2.80152	0.00199458	0.614667	-1.6269	9.94E-06	0.347115	-2.88089	2.05E-06	0.271303	-3.68592	1.89E-06	0.267491	-3.73844	1.92E-07	0.169703	-5.89266	73.477	14.4707	0.17506	1
cg20587332	ZMAT4;ZMAT4	0.000123976	0.000517729	0.628386	-1.59138	0.00593213	0.734386	-1.36168	5.57E-05	0.525709	-1.90219	0.0589818	0.832818	-1.20074	2.77E-05	0.492518	-2.03038	0.0406951	0.816512	-1.22472	0.0076753	1.3417	1.3417	0.00419181	0.719598	-1.38967	0.00147543	0.674607	-1.48234	20.9014	2.43629	0.10361	1
cg10789370	ZMAT4;ZMAT4	0.00143786	0.318657	0.774912	-1.29047	0.240159	1.35566	1.35566	0.000132858	0.194106	-5.15182	0.013733	0.470558	-2.12514	0.00320629	0.369592	-2.70569	0.972965	1.00842	1.00842	0.00301552	0.365645	-2.73489	0.00227087	0.347701	-2.87603	0.022848	0.509752	-1.96174	10.6079	10.2848	0.861816	1
cg20630363	ZMAT4;ZMAT4	0.00217144	0.0192291	0.595405	-1.67953	0.0262337	0.617104	-1.62047	0.150012	0.75388	-1.32647	0.00684779	0.52667	-1.89872	0.0681366	0.687999	-1.45349	0.0374212	1.55604	1.55604	0.00280032	2.12567	2.12567	0.00148052	0.431909	-2.3153	0.175853	0.768358	-1.30148	9.41319	4.99689	0.471857	1
cg05619892	ZMAT4;ZMAT4	0.00569411	0.240422	1.43687	1.43687	0.0383739	2.02915	2.02915	0.200285	1.4903	1.4903	0.0263184	2.17491	2.17491	0.841846	1.06069	1.06069	0.0669275	0.545697	-1.83252	0.00595337	0.346264	-2.88797	0.00108584	4.14593	4.14593	0.853595	1.05599	1.05599	7.05198	9.71359	1.22438	1
cg11491870	ZMAT4;ZMAT4	0.0093414	0.255542	0.74176	-1.34814	0.00215217	2.95763	2.95763	0.0112926	2.22236	2.22236	0.59271	0.872939	-1.14556	0.268281	0.748116	-1.33669	0.898762	0.968474	-1.03255	0.701712	0.90769	-1.1017	0.00763455	0.421814	-2.37072	0.147381	0.676201	-1.47885	6.04049	6.05951	0.891689	1
cg22271921	ZMAT4;ZMAT4	0.0142956	0.0470775	1.24735	1.24735	0.714228	1.03642	1.03642	0.44238	1.07916	1.07916	0.211478	1.13659	1.13659	0.0815834	1.20651	1.20651	0.0684308	1.21946	1.21946	0.0361604	0.789019	-1.2674	0.000771776	1.64069	1.64069	0.251205	1.12367	1.12367	5.26358	0.788579	0.133172	1
cg13392855	ZMAT4;ZMAT4	0.0147114	0.0766577	0.59101	-1.69202	0.688192	1.11376	1.11376	0.392751	0.791496	-1.26343	0.0166447	0.457999	-2.18341	0.000491586	0.232723	-4.29696	0.286979	0.744316	-1.34352	0.123189	0.640177	-1.56207	0.442004	1.23291	1.23291	0.0686689	0.580272	-1.72333	5.21406	5.8904	1.00419	1
cg10260711	ZMAT4;ZMAT4	0.0215889	0.587572	0.897343	-1.1144	0.0387473	0.622868	-1.60548	0.249874	0.788315	-1.26853	0.804961	0.95224	-1.05016	0.726337	1.07198	1.07198	0.431487	1.17211	1.17211	0.0434738	1.58293	1.58293	0.00112961	0.387589	-2.58005	0.480938	0.867876	-1.15224	4.58348	2.84017	0.550803	1
cg25008147	ZMAT4;ZMAT4	0.0227132	0.0192202	0.429018	-2.33091	0.339401	1.34203	1.34203	0.729563	0.901509	-1.10925	0.764524	0.914158	-1.0939	0.00960193	0.375473	-2.66331	0.0224244	0.441674	-2.26411	0.00299509	0.29632	-3.37473	0.409441	0.77721	-1.28665	0.701106	0.891167	-1.12212	4.50429	6.36768	1.25662	1
cg19497501	ZMAT4;ZMAT4	0.0259907	0.162825	0.831249	-1.20301	0.0491665	1.32125	1.32125	0.047639	1.32446	1.32446	0.374328	1.11978	1.11978	0.577799	1.07225	1.07225	0.935753	0.990048	-1.01005	0.375482	0.893292	-1.11945	0.0197277	1.41815	1.41815	0.00309954	1.65211	1.65211	4.29861	1.04782	0.216673	1
cg21093043	ZMAT4;ZMAT4	0.0278612	0.70504	1.07115	1.07115	0.0459435	0.661345	-1.51207	0.0211192	0.605796	-1.65072	0.613972	0.912166	-1.09629	0.558837	1.11277	1.11277	0.030729	1.58202	1.58202	0.231075	1.25491	1.25491	0.0115418	0.56498	-1.76998	0.20188	0.783822	-1.2758	4.19512	2.17064	0.459929	1
cg24882673	ZMAT4;ZMAT4	0.0462446	0.213731	0.720435	-1.38805	0.529191	0.852434	-1.17311	0.0456234	0.563251	-1.77541	0.800129	1.0656	1.0656	0.0970547	0.633732	-1.57795	0.193796	1.41107	1.41107	0.783715	1.07134	1.07134	0.00819637	0.428595	-2.3332	0.0170842	0.482808	-2.07122	3.48963	3.46685	0.883088	1
cg17853216	ZMIZ1	2.08E-06	0.725013	1.07554	1.07554	8.44E-05	4.29598	4.29598	0.483688	1.15808	1.15808	0.421449	1.18451	1.18451	0.0130565	1.88686	1.88686	6.41E-05	4.55054	4.55054	0.484674	1.15768	1.15768	2.04E-08	78.4992	78.4992	0.0269608	1.71623	1.71623	60.8414	40.9668	0.598522	1
cg17705334	ZMIZ1	2.61E-06	0.227944	0.809153	-1.23586	0.000187894	2.87017	2.87017	0.874316	1.02684	1.02684	0.989606	1.00218	1.00218	0.38678	1.16004	1.16004	0.00013695	3.0158	3.0158	0.0972983	0.737507	-1.35592	3.09E-08	28.7635	28.7635	0.454422	1.13599	1.13599	57.3848	25.4478	0.394185	1
cg09584359	ZMIZ1	2.64E-06	0.0118057	0.744612	-1.34298	0.000929701	0.629007	-1.58981	3.90E-05	0.477752	-2.09314	0.0714966	1.20776	1.20776	6.55E-08	0.180643	-5.53577	4.77E-05	0.487587	-2.05092	0.083592	1.19674	1.19674	0.0114661	1.34536	1.34536	0.0154496	0.756786	-1.32138	57.2072	7.96956	0.123832	1
cg09185231	ZMIZ1	3.28E-06	0.312954	0.888874	-1.12502	0.268191	0.877946	-1.13902	0.0288122	0.747536	-1.33773	0.0408199	1.30536	1.30536	4.59E-08	0.11594	-8.62518	0.00931996	0.689173	-1.45101	0.00527916	0.660288	-1.51449	0.00138322	1.6877	1.6877	0.000259503	0.507521	-1.97036	54.0908	10.9131	0.179338	1
cg02283485	ZMIZ1	5.86E-06	0.588868	1.13827	1.13827	4.00E-05	6.44398	6.44398	0.00030151	4.03389	4.03389	0.218077	1.36001	1.36001	0.801253	1.06169	1.06169	4.37E-06	12.3463	12.3463	0.265631	0.759333	-1.31695	2.37E-07	39.355	39.355	0.171673	1.41249	1.41249	46.5773	41.5528	0.793	1
cg14371731	ZMIZ1	5.85E-05	0.361222	0.670131	-1.49225	0.000301804	12.2542	12.2542	0.15491	1.91407	1.91407	0.317547	1.55368	1.55368	0.00229504	6.15744	6.15744	6.26E-05	23.2088	23.2088	0.769591	1.13345	1.13345	1.86E-06	156.711	156.711	0.0735258	2.3418	2.3418	25.542	73.5771	2.56057	1
cg20543544	ZMIZ1	6.05E-05	0.513832	1.14986	1.14986	0.231217	1.30325	1.30325	0.0325433	1.69502	1.69502	0.591417	1.12107	1.12107	0.0136299	1.90334	1.90334	0.00192857	2.52359	2.52359	0.028901	1.72171	1.72171	5.33E-07	18.9183	18.9183	0.00521331	2.17589	2.17589	25.3167	17.8355	0.626219	1
cg23721088	ZMIZ1	7.00E-05	0.6459	1.06156	1.06156	0.150241	1.22035	1.22035	0.355651	0.884539	-1.13053	0.427484	1.11028	1.11028	0.259432	1.16406	1.16406	0.708946	0.952736	-1.04961	7.55E-06	0.280445	-3.56576	1.41E-05	3.21977	3.21977	0.409234	0.896744	-1.11515	24.3482	6.42981	0.234736	1
cg07370745	ZMIZ1	0.000188862	0.865977	1.02391	1.02391	0.00117683	0.51383	-1.94617	0.851896	0.974195	-1.02649	7.12E-06	0.249595	-4.00649	0.969263	0.994625	-1.0054	0.262804	1.1774	1.1774	0.0642682	1.33752	1.33752	0.65424	0.938887	-1.06509	0.000382695	0.452417	-2.21035	18.6587	5.78211	0.275457	1
cg16854826	ZMIZ1	0.00071982	0.305564	0.841168	-1.18882	0.050357	1.43861	1.43861	0.0313196	0.662445	-1.50956	0.0236172	0.643636	-1.55367	0.0383892	0.676275	-1.47869	0.174138	1.2658	1.2658	3.51E-05	0.271654	-3.68116	0.17006	1.26902	1.26902	0.00216674	0.495753	-2.01713	12.9095	5.43465	0.374205	1
cg23346408	ZMIZ1	0.00337744	0.0662899	0.434148	-2.30336	0.088309	2.14208	2.14208	0.128045	1.9473	1.9473	0.0495246	0.403422	-2.47879	0.46542	0.740137	-1.3511	0.573353	0.794146	-1.25921	0.00105175	0.140382	-7.12342	0.00110172	7.02047	7.02047	0.834545	1.08842	1.08842	8.26138	21.4693	2.31	1
cg26716103	ZMIZ1	0.00387101	0.00423737	2.84238	2.84238	0.0110163	2.38747	2.38747	0.284594	1.35434	1.35434	0.0124977	2.33485	2.33485	0.287919	1.3513	1.3513	0.45635	0.813014	-1.22999	0.478045	1.21753	1.21753	0.000177208	5.66412	5.66412	0.0239942	2.08498	2.08498	7.93039	9.35231	1.04827	1
cg20679052	ZMIZ1	0.00429896	0.014075	2.69345	2.69345	0.00069119	5.43606	5.43606	0.00873173	2.9808	2.9808	0.00110522	4.81586	4.81586	0.576179	1.20275	1.20275	0.0481777	2.09211	2.09211	0.0128114	2.74723	2.74723	0.0086148	2.98946	2.98946	0.0449493	2.12177	2.12177	7.68339	13.0038	1.50441	1
cg26654807	ZMIZ1	0.00476101	0.0496919	0.393571	-2.54084	0.103361	2.10007	2.10007	0.42857	1.40018	1.40018	0.0613259	0.415586	-2.40624	0.53111	0.76779	-1.30244	0.578536	1.2633	1.2633	0.0351289	0.359784	-2.77944	0.000270741	12.0258	12.0258	0.247091	1.65543	1.65543	7.44899	20.4651	2.4421	1
cg19215199	ZMIZ1	0.0115662	0.346052	0.845757	-1.18237	0.64138	1.08435	1.08435	0.480953	1.13165	1.13165	0.925834	0.984055	-1.0162	0.986358	0.997053	-1.00296	0.00057343	0.398377	-2.51019	0.162988	1.29315	1.29315	0.0195419	1.62771	1.62771	0.110571	0.740692	-1.35009	5.64038	2.6623	0.419562	1
cg16207001	ZMIZ1	0.0137145	0.228213	0.779074	-1.28357	0.0623761	0.660962	-1.51295	0.367318	0.832936	-1.20057	0.840401	1.0406	1.0406	0.000204309	0.292692	-3.41656	0.101195	0.701675	-1.42516	0.810834	0.953772	-1.04847	0.552063	0.888028	-1.12609	0.0883772	0.689965	-1.44935	5.33587	3.29271	0.548524	1
cg01053681	ZMIZ1	0.0153678	0.0379824	0.612729	-1.63204	0.841723	1.04155	1.04155	0.0911914	1.46051	1.46051	0.0763669	0.669373	-1.49393	0.0022125	0.417624	-2.3945	0.689723	0.921543	-1.08514	0.22344	1.29749	1.29749	0.655615	1.0957	1.0957	0.013296	0.535494	-1.86743	5.13932	3.37418	0.583593	1
cg07261186	ZMIZ1	0.0186285	0.0212821	7.21475	7.21475	0.00905021	10.6795	10.6795	0.0316836	6.03801	6.03801	0.0289197	6.28868	6.28868	0.320714	2.08015	2.08015	0.664538	1.36545	1.36545	0.00799336	11.3223	11.3223	0.00937031	10.5071	10.5071	0.0142169	8.66404	8.66404	4.81909	38.8969	7.1746	1
cg16182375	ZMIZ1	0.0229021	0.0222676	0.401659	-2.48967	0.118603	0.568887	-1.75782	0.640597	0.855088	-1.16947	0.0390407	0.451434	-2.21516	0.00356479	0.268574	-3.72337	0.00851202	0.326934	-3.05872	0.00938538	0.333997	-2.99404	0.388027	0.744854	-1.34254	0.170819	0.615345	-1.6251	4.49145	7.88564	1.56062	1
cg09143949	ZMIZ1	0.0242742	0.339321	0.87139	-1.14759	0.124308	0.79245	-1.26191	0.938558	0.989282	-1.01083	0.979366	0.996391	-1.00362	0.233182	0.83968	-1.19093	0.000523782	0.469697	-2.12903	0.175376	1.22316	1.22316	0.285173	0.856266	-1.16786	0.229135	0.838277	-1.19292	4.40204	1.36226	0.275076	1
cg04767507	ZMIZ1	0.0268365	0.410846	1.21493	1.21493	0.0462374	1.69668	1.69668	0.97732	1.0066	1.0066	0.0127507	0.48851	-2.04704	0.0176945	0.512797	-1.95009	0.106631	0.665076	-1.50359	0.0657206	1.613	1.613	0.310554	1.27495	1.27495	0.726518	1.08469	1.08469	4.25071	3.60805	0.7545	1
cg16815157	ZMIZ1	0.0279186	0.447587	1.35774	1.35774	0.0586719	0.430052	-2.3253	0.700016	0.858155	-1.16529	0.269659	0.634969	-1.57488	0.00108512	0.148743	-6.72302	0.406811	0.715134	-1.39834	0.839815	0.923148	-1.08325	0.0754964	2.18543	2.18543	0.539519	0.782367	-1.27817	4.19208	10.3649	2.19777	1
cg00533891	ZMIZ1	0.0290687	0.655309	0.832117	-1.20175	0.00132482	6.75368	6.75368	0.269683	1.60025	1.60025	0.716782	1.16069	1.16069	0.182531	0.560655	-1.78363	0.0801193	2.2126	2.2126	0.331531	0.663787	-1.50651	0.0730921	2.26511	2.26511	0.330833	1.50746	1.50746	4.13277	10.9511	2.35539	1
cg17753789	ZMIZ1	0.0300941	0.0654719	0.686839	-1.45595	0.0931018	0.714868	-1.39886	0.12598	0.740211	-1.35097	0.493133	1.1348	1.1348	0.664737	0.923831	-1.08245	0.190056	0.777115	-1.28681	0.00246858	0.465422	-2.14859	0.0752681	1.43313	1.43313	0.138504	0.74844	-1.33611	4.08229	2.13441	0.464752	1
cg20744163	ZMIZ1	0.032176	0.459537	0.508069	-1.96824	0.0114487	0.0581255	-17.2042	0.104694	0.202994	-4.92625	0.55465	1.71148	1.71148	0.333141	0.407518	-2.45388	0.360422	0.429369	-2.329	0.0622832	0.151523	-6.59966	0.00821982	20.9067	20.9067	0.709595	1.39985	1.39985	3.98604	51.0427	11.3826	1
cg04765410	ZMIZ1	0.0323964	0.0409509	0.506297	-1.97513	0.151833	1.55734	1.55734	0.718497	1.11009	1.11009	0.160718	0.649018	-1.54079	0.00367567	0.322057	-3.10504	0.0528837	0.530034	-1.88667	0.0763248	0.566131	-1.76638	0.768443	1.08891	1.08891	0.106884	0.601776	-1.66175	3.9763	5.24233	1.17191	1
cg14825905	ZMIZ1	0.0404528	0.178119	0.453729	-2.20396	0.00500372	7.77811	7.77811	0.0895217	2.81208	2.81208	0.375372	0.605028	-1.65282	0.0292286	0.24198	-4.13257	0.736193	0.829649	-1.20533	0.640022	0.770941	-1.29712	0.720386	1.21959	1.21959	0.4161	0.631885	-1.58257	3.66789	17.72	4.29434	1
cg10612237	ZMIZ1;LOC283050;LOC283050;LOC283050	0.000361913	0.804742	0.963782	-1.03758	0.000264171	2.44144	2.44144	0.00134294	2.0016	2.0016	0.105649	1.30116	1.30116	0.0196136	1.52188	1.52188	5.32E-05	3.07601	3.07601	0.0130156	0.631973	-1.58235	0.216809	0.82403	-1.21355	0.0455448	1.40707	1.40707	15.6248	5.48907	0.312271	1
cg09551160	ZMIZ1;ZMIZ1	0.0314227	0.897833	0.985032	-1.0152	0.321502	0.886705	-1.12777	0.305492	0.882878	-1.13266	0.209719	0.856243	-1.16789	0.0420158	0.759512	-1.31663	0.0289557	0.73912	-1.35296	0.000882254	0.55701	-1.7953	0.827706	0.974735	-1.02592	0.998992	0.999852	-1.00015	4.01996	0.877504	0.194033	1
cg12660364	ZMIZ2	0.0136788	0.0510412	0.516183	-1.9373	0.00844567	0.367602	-2.72034	0.245141	1.43586	1.43586	0.298696	0.725758	-1.37787	0.207591	0.673387	-1.48503	0.013005	0.399688	-2.50195	0.0107154	0.385056	-2.59702	0.561269	0.839622	-1.19101	0.0286471	2.15594	2.15594	5.34044	7.48975	1.24663	1
cg11425656	ZMIZ2	0.0352794	0.268345	1.71436	1.71436	0.0576793	2.72784	2.72784	0.939081	1.03638	1.03638	0.00869136	4.77569	4.77569	0.27219	1.70639	1.70639	0.254403	1.74441	1.74441	0.00425733	5.97975	5.97975	0.0134572	4.18124	4.18124	0.132771	2.13477	2.13477	3.85601	13.3501	3.07747	1
cg20910408	ZMIZ2;ZMIZ2	0.0132711	0.215587	1.76978	1.76978	0.0657992	2.46989	2.46989	0.361708	0.663226	-1.50778	0.0123382	3.9143	3.9143	0.124817	0.483	-2.0704	0.0759382	0.421034	-2.3751	0.575166	1.28147	1.28147	0.00211686	6.63544	6.63544	0.120339	2.09166	2.09166	5.39364	16.3865	2.70055	1
cg25489413	ZMIZ2;ZMIZ2	0.0308028	0.0422362	0.717015	-1.39467	0.264635	1.17974	1.17974	0.378194	1.13717	1.13717	0.45257	1.11493	1.11493	0.0296771	0.694965	-1.43892	0.0857532	1.30994	1.30994	0.0238169	1.46738	1.46738	0.134449	0.794969	-1.25791	0.136989	0.796331	-1.25576	4.04863	1.29605	0.284553	1
cg24664672	ZMIZ2;ZMIZ2	0.0357885	0.908967	1.01383	1.01383	0.162973	0.836279	-1.19577	0.0604906	0.775588	-1.28934	0.114756	1.22865	1.22865	0.584341	0.935826	-1.06857	0.0464266	0.760434	-1.31504	0.00825138	1.50021	1.50021	0.296336	0.878093	-1.13883	0.160306	0.835197	-1.19732	3.83603	0.875713	0.202921	1
cg26124968	ZMIZ2;ZMIZ2	0.0414328	0.0286744	3.67834	3.67834	0.078495	2.68112	2.68112	0.984798	1.00966	1.00966	0.0825938	2.63838	2.63838	0.615805	0.77467	-1.29087	0.174081	0.482067	-2.0744	0.0749079	2.72095	2.72095	0.00627634	6.03036	6.03036	0.212384	1.94026	1.94026	3.63559	14.6628	3.58499	1
cg03982820	ZMPSTE24	0.0142034	0.741383	0.934174	-1.07046	0.0692466	1.51879	1.51879	0.0314536	1.68	1.68	0.513639	1.1459	1.1459	0.994688	1.00137	1.00137	0.103056	0.693046	-1.4429	0.000794133	0.352761	-2.83478	0.436927	0.849547	-1.1771	0.957946	1.0109	1.0109	5.2748	3.5315	0.595115	1
cg05629350	ZMPSTE24	0.0391798	0.373305	1.16613	1.16613	0.468926	1.13191	1.13191	0.0120023	0.590407	-1.69375	0.0800086	0.721343	-1.3863	0.186202	0.79004	-1.26576	0.0309143	0.653033	-1.53132	0.1586	1.28842	1.28842	0.1139	1.33539	1.33539	0.29776	0.834007	-1.19903	3.71131	1.66215	0.398097	1
cg19657082	ZMPSTE24	0.048325	0.495064	0.923301	-1.08307	0.924791	1.01094	1.01094	0.32322	1.12471	1.12471	0.208433	0.858344	-1.16503	0.0442534	1.30497	1.30497	0.0107755	0.69143	-1.44628	0.0233354	0.731859	-1.36638	0.803101	0.971634	-1.02919	0.420344	1.09947	1.09947	3.4322	0.721202	0.186781	1
cg09795680	ZMPSTE24;ZMPSTE24	0.0052206	0.0484967	1.84333	1.84333	0.893669	0.964366	-1.03695	0.030216	0.500863	-1.99655	0.08777	0.59972	-1.66745	0.0508009	0.546756	-1.82897	0.000266963	0.197194	-5.07116	0.0279189	0.494194	-2.02349	0.463518	1.2244	1.2244	0.800578	1.07109	1.07109	7.24238	8.44417	1.03639	1
cg06060497	ZMYM1	0.000275953	0.174413	0.636792	-1.57037	7.48E-05	0.10577	-9.45447	0.0022851	0.263844	-3.79012	0.107912	0.578109	-1.72978	9.16E-05	0.112727	-8.871	0.0367668	0.468661	-2.13374	0.000140203	0.128243	-7.79772	0.00182739	0.250698	-3.98886	0.000936313	0.213849	-4.67619	16.8303	26.0124	1.37385	1
cg07243241	ZMYM1	0.00110682	0.0231063	2.43259	2.43259	0.337702	1.37141	1.37141	0.399132	0.759156	-1.31725	0.17088	1.59731	1.59731	3.04E-05	0.0545019	-18.348	0.0229991	0.410673	-2.43503	0.0346826	0.44822	-2.23105	0.176044	0.630075	-1.58711	0.487258	0.798486	-1.25237	13.8794	21.7707	1.21999	1
cg05122644	ZMYM1	0.00921478	0.292707	0.910535	-1.09826	0.325076	0.91645	-1.09117	0.0357375	1.23345	1.23345	0.104412	0.858641	-1.16463	0.0339564	1.23682	1.23682	0.0834644	0.848317	-1.17881	0.169408	0.881894	-1.13392	0.495206	1.06127	1.06127	0.00113238	1.5087	1.5087	6.06676	0.708298	0.103778	1
cg04576042	ZMYM1	0.021574	0.703817	0.828151	-1.20751	0.148288	0.461477	-2.16695	0.000764211	0.0674985	-14.8151	0.0694683	0.360789	-2.7717	0.0290198	0.271675	-3.68087	0.0496483	0.323712	-3.08917	?	?	?	0.391406	0.647394	-1.54465	0.180451	0.49256	-2.03021	5.17905	17.3698	2.93462	1
cg10503906	ZMYM1;ZMYM1	0.0453356	0.866212	1.07898	1.07898	0.0400773	2.98648	2.98648	0.429482	0.694418	-1.44006	0.0156512	3.97463	3.97463	0.0927983	0.429066	-2.33065	0.06625	2.57404	2.57404	?	?	?	?	?	?	0.571357	0.772398	-1.29467	3.94415	9.66349	2.45008	1
cg11351140	ZMYM2;ZMYM2	3.88E-06	0.306116	1.0942	1.0942	9.08E-05	0.551902	-1.81192	0.000485261	0.628323	-1.59154	3.46E-06	0.395394	-2.52912	2.22E-05	0.485255	-2.06077	0.179309	1.12884	1.12884	2.39E-06	2.64954	2.64954	0.00278399	0.704472	-1.4195	0.61089	0.957341	-1.04456	51.8034	5.92237	0.101621	1
cg25987452	ZMYM2;ZMYM2	0.000254165	0.0669868	2.06027	2.06027	0.00103599	5.5315	5.5315	0.00165752	4.87728	4.87728	0.513896	1.26244	1.26244	9.63E-05	0.0869364	-11.5027	0.320881	0.696939	-1.43485	0.000196542	9.05842	9.05842	0.945751	1.02424	1.02424	0.208143	1.59549	1.59549	17.2123	33.7845	1.74472	1
cg12876349	ZMYM2;ZMYM2	0.0160925	0.0436199	1.52766	1.52766	0.00444637	0.49997	-2.00012	0.881019	0.973013	-1.02774	0.468598	0.873982	-1.14419	0.011347	0.560447	-1.78429	0.180242	0.771107	-1.29684	0.726572	1.06623	1.06623	0.518378	0.887277	-1.12704	0.0279495	1.60701	1.60701	5.06128	2.67449	0.469709	1
cg06873606	ZMYM2;ZMYM2	0.0199825	0.33304	1.24618	1.24618	0.00205347	0.383965	-2.60441	0.0744353	0.645288	-1.54969	0.834243	0.954865	-1.04727	0.151173	1.40357	1.40357	0.175106	0.72772	-1.37415	0.0235099	1.81537	1.81537	0.428472	0.836806	-1.19502	0.739335	1.07637	1.07637	4.70597	3.62052	0.683865	1
cg03503288	ZMYM2;ZMYM2	0.0315624	0.308427	0.678884	-1.47301	0.0708568	0.476396	-2.0991	0.0111537	0.310767	-3.21784	0.747198	1.12617	1.12617	0.0113701	0.312194	-3.20314	0.048759	0.43741	-2.28618	0.0143255	0.329753	-3.03257	0.701128	1.15221	1.15221	0.040238	0.418654	-2.38861	4.01359	8.58012	1.90024	1
cg06938191	ZMYM2;ZMYM2	0.0442656	0.1494	0.781648	-1.27935	0.529695	1.10679	1.10679	0.0798392	0.73362	-1.3631	0.0275304	0.660091	-1.51494	0.00352047	0.532254	-1.8788	0.775624	1.04659	1.04659	0.293609	1.1896	1.1896	0.847956	1.03106	1.03106	0.327338	0.851174	-1.17485	3.54729	1.42682	0.357536	1
cg21004366	ZMYM2;ZMYM2;ZMYM2;ZMYM2	0.0344968	0.383862	1.42512	1.42512	0.608945	1.22256	1.22256	?	?	?	?	?	?	?	?	?	0.00425292	0.119805	-8.34689	0.461101	0.744315	-1.34352	0.6536	0.839009	-1.19188	0.14763	1.91492	1.91492	7.65772	10.4761	0.91203	1
cg04814085	ZMYM3;BCYRN1;ZMYM3;ZMYM3;ZMYM3	0.0346827	0.0245231	0.373377	-2.67826	0.148228	0.565329	-1.76888	0.930879	0.9686	-1.03242	0.031413	2.52996	2.52996	0.0224801	0.365945	-2.73265	0.493532	0.77437	-1.29137	0.604383	0.825134	-1.21192	0.0910973	1.98256	1.98256	0.0807261	0.490535	-2.03859	3.87989	8.30996	1.90382	1
cg26417435	ZMYM3;ZMYM3;BCYRN1;ZMYM3;ZMYM3	0.00434376	0.490954	0.880193	-1.13611	0.0267783	1.6138	1.6138	0.00339971	0.483708	-2.06736	0.200599	0.781468	-1.27964	0.000217912	0.324762	-3.07918	0.798742	0.954465	-1.04771	0.818806	1.04274	1.04274	0.76147	1.0571	1.0571	0.803169	0.955469	-1.04661	7.65932	4.036	0.468391	1
cg04867253	ZMYM3;ZMYM3;BCYRN1;ZMYM3;ZMYM3	0.0442874	0.0347385	0.170733	-5.85711	0.00427497	0.0642529	-15.5635	0.146443	0.326455	-3.06321	0.942754	1.05293	1.05293	0.168692	0.348795	-2.86701	0.0989499	0.272762	-3.6662	0.0109556	0.100975	-9.90346	0.110935	0.287305	-3.48062	0.167968	0.348089	-2.87283	3.54664	28.9703	7.2608	1
cg10297211	ZMYM3;ZMYM3;ZMYM3;BCYRN1;ZMYM3;ZMYM3	0.000264937	8.60E-06	0.00283986	-352.13	0.786404	0.865936	-1.15482	0.837529	0.896915	-1.11493	0.763821	0.852393	-1.17317	0.0224884	0.225304	-4.43845	?	?	?	0.09329	2.6983	2.6983	0.0813016	0.353344	-2.83011	0.000482637	0.043837	-22.8118	22.0801	85.3995	3.38425	1
cg17102089	ZMYM4	0.000623475	0.288387	0.760423	-1.31506	0.374406	0.797588	-1.25378	0.111599	0.647998	-1.54321	2.80E-05	0.10137	-9.8649	0.00990875	0.433465	-2.30699	?	?	?	0.00122357	0.287966	-3.47263	0.217642	0.724009	-1.3812	0.0233131	1.99179	1.99179	16.9662	14.2735	0.736129	1
cg19501543	ZMYM4	0.00453139	0.989077	0.997851	-1.00215	0.000671132	0.441492	-2.26505	0.0219064	0.64913	-1.54052	0.186778	0.802594	-1.24596	0.00279798	0.523431	-1.91047	0.221296	1.22389	1.22389	0.0615343	0.718237	-1.3923	0.108011	1.31727	1.31727	0.0196854	0.642284	-1.55694	7.56175	2.95729	0.347631	1
cg17801256	ZMYM4	0.00684186	0.0763081	0.825595	-1.21125	0.128063	0.852244	-1.17337	0.857213	1.01766	1.01766	0.52336	1.06487	1.06487	0.000214469	0.548471	-1.82325	0.0203026	0.761924	-1.31247	0.0110942	0.733823	-1.36273	0.0701697	0.821408	-1.21742	0.692872	0.962156	-1.03933	6.66238	0.996588	0.132964	1
cg17520176	ZMYM4	0.011085	0.00122822	0.35228	-2.83865	0.71163	1.08003	1.08003	0.716289	1.07861	1.07861	0.0534217	1.59009	1.59009	0.89381	1.02806	1.02806	0.0429315	1.6381	1.6381	0.0293211	0.579309	-1.7262	0.791374	1.05649	1.05649	0.0547086	1.58496	1.58496	6.48064	4.31378	0.517721	1
cg23283172	ZMYM4	0.0261418	0.921886	0.987792	-1.01236	0.0125532	1.47519	1.47519	0.0216135	1.4126	1.4126	0.290618	0.871676	-1.14722	0.226872	1.1722	1.1722	0.393291	1.11573	1.11573	0.0223851	0.709877	-1.40869	0.413893	1.11027	1.11027	0.0278383	1.38477	1.38477	4.28991	1.06549	0.220775	1
cg14314614	ZMYM4	0.0339555	0.943068	1.01337	1.01337	0.00884564	0.538021	-1.85866	0.293162	1.22487	1.22487	0.168509	1.3138	1.3138	0.981799	1.00425	1.00425	0.858403	1.03377	1.03377	0.00317934	0.472661	-2.11568	0.942597	1.01348	1.01348	0.479614	0.87488	-1.14301	3.90969	2.14223	0.487049	1
cg05810096	ZMYM4;ZMYM4	0.00409434	0.197843	1.26873	1.26873	0.122561	0.746318	-1.33991	0.0553244	0.683955	-1.46208	0.0910276	0.722142	-1.38477	0.493802	0.885575	-1.12921	0.565596	0.903421	-1.1069	6.28E-05	0.275582	-3.62868	0.148836	0.762804	-1.31095	0.0651672	0.69624	-1.43629	7.79747	3.77653	0.430514	1
ch.13.24413F	ZMYM5	0.00538389	0.0467048	0.494017	-2.02422	0.0893541	0.559883	-1.78609	0.634637	0.862228	-1.15979	0.0491806	0.498948	-2.00422	0.180439	0.643775	-1.55334	0.000111664	0.122034	-8.19441	0.881481	0.954855	-1.04728	0.538057	1.21295	1.21295	0.201152	1.51895	1.51895	7.17437	10.8945	1.3498	1
cg18227944	ZMYM5;ZMYM5;ZMYM5	0.00606065	0.00837988	0.209796	-4.76652	0.00557362	5.40863	5.40863	0.575992	0.769542	-1.29947	0.387359	0.663121	-1.50802	0.0128416	0.238684	-4.18965	0.0099997	4.51695	4.51695	0.529482	0.744275	-1.34359	0.0323843	0.313032	-3.19456	0.202335	0.535749	-1.86655	6.91764	23.551	3.02621	1
cg14878230	ZMYM5;ZMYM5;ZMYM5	0.0107556	0.190878	1.36067	1.36067	0.0964987	0.666455	-1.50048	0.111825	1.4697	1.4697	0.169611	1.3845	1.3845	0.0163639	0.520701	-1.92049	0.00465373	0.433034	-2.30929	0.0328224	1.74227	1.74227	0.380033	0.818534	-1.2217	0.0521169	0.61184	-1.63441	5.77413	4.52199	0.696131	1
cg26262576	ZMYM5;ZMYM5;ZMYM5	0.0117176	0.170863	0.453632	-2.20443	0.00410593	8.06089	8.06089	0.932369	0.955032	-1.04709	0.00845878	0.161628	-6.18705	0.223078	2.00167	2.00167	0.383973	1.62239	1.62239	0.938595	1.04265	1.04265	0.00550386	7.22968	7.22968	0.966952	0.977792	-1.02271	5.61668	26.1393	4.13677	1
cg24766109	ZMYM5;ZMYM5;ZMYM5	0.0239657	0.357429	1.17857	1.17857	0.00719278	0.547555	-1.8263	0.0702685	0.703791	-1.42088	0.116787	0.743927	-1.34422	0.00532673	0.528682	-1.8915	0.0136987	0.589079	-1.69756	0.577567	1.1026	1.1026	0.539839	0.897855	-1.11377	0.231821	0.804367	-1.24321	4.42159	2.1104	0.424262	1
cg14723014	ZMYM5;ZMYM5;ZMYM5	0.0314055	0.133507	0.851516	-1.17438	0.330567	1.10485	1.10485	0.47286	1.07521	1.07521	0.0225849	0.762461	-1.31154	0.339791	1.10264	1.10264	0.038656	1.26852	1.26852	0.00909	0.719501	-1.38985	0.287388	1.11595	1.11595	0.596602	0.948331	-1.05448	4.02074	0.628118	0.138862	1
cg19404184	ZMYM5;ZMYM5;ZMYM5	0.0323499	0.260711	1.7137	1.7137	0.0351154	3.08686	3.08686	0.409862	1.47258	1.47258	0.196218	1.87299	1.87299	0.111107	0.450672	-2.21891	0.0157529	3.89118	3.89118	0.00468986	5.61724	5.61724	0.662903	0.817579	-1.22312	0.195101	1.87627	1.87627	3.97835	13.2857	2.96844	1
cg04290981	ZMYM6	0.00458493	0.206422	0.799194	-1.25126	0.010194	0.579896	-1.72445	0.17879	0.786431	-1.27157	0.581261	1.09823	1.09823	0.0018939	0.476883	-2.09695	0.019297	0.621261	-1.60963	0.00141066	0.459577	-2.17591	0.0284684	1.54479	1.54479	0.355163	0.852156	-1.17349	7.53483	3.37615	0.398286	1
cg02951717	ZMYM6	0.0128152	0.936982	0.979841	-1.02057	0.0381664	1.85676	1.85676	0.00540143	2.56804	2.56804	0.00155717	0.309973	-3.22609	0.414809	1.23946	1.23946	0.938677	1.02001	1.02001	0.350094	0.780586	-1.28109	0.849587	1.05011	1.05011	0.78731	0.932721	-1.07213	5.45558	5.73119	0.933794	1
cg17938303	ZMYM6	0.0166405	0.050054	0.260754	-3.83504	0.0193919	0.182572	-5.47728	0.0465268	0.253733	-3.94115	0.118282	0.360512	-2.77383	0.00627351	0.117395	-8.51825	0.0310844	0.21819	-4.58316	0.00201182	0.0726779	-13.7593	0.481552	0.650275	-1.53781	0.0203026	0.185787	-5.38252	5.00511	28.6881	5.0949	1
cg08142775	ZMYM6	0.025841	0.469317	1.06872	1.06872	0.182128	0.879983	-1.13639	0.120396	1.16427	1.16427	0.821765	0.979835	-1.02058	0.000593117	1.62548	1.62548	0.550402	1.05606	1.05606	0.311365	1.09872	1.09872	0.207867	1.12738	1.12738	0.419507	1.07731	1.07731	4.30729	0.556047	0.114751	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Ratio(1047 vs. N)	Fold-Change(1-vs-N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1-vs-N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1-vs-N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1-vs-N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1-vs-N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3-vs-N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3-vs-N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5-vs-N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5-vs-N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg05704605	ZMYND10	5.88E-06	0.0973143	0.776325	-1.28812	0.00320179	2.38082	2.38082	0.433337	0.894713	-1.11768	4.05E-07	7.46422	7.46422	0.0626531	0.747139	-1.33844	0.0134536	1.53381	1.53381	25.23108	1.18162	1.18162	0.0266063	0.693736	-1.44147	2.73E-06	4.79655	46.5565	14.277	0.272586	1
cg02237172	ZMYND10	4.18E-05	0.223333	0.855954	-1.16829	1.99E-05	0.349969	-2.8574	6.46E-06	0.294651	-3.39385	0.00830971	0.663563	-1.50702	0.00025946	0.481664	-2.07614	8.98E-05	0.42661	2.34406	0.0356593	0.742866	-1.34614	0.0423244	0.62783	-1.59279	4.90E-05	0.395525	2.52829	27.90929	0.53234	0.20805	1
cg06088032	ZMYND10	8.38E-05	0.676724	1.15265	1.15265	0.0024076	4.18838	4.18838	0.076802	0.513352	-1.94798	6.41E-06	30.2456	30.2456	0.387203	0.740591	-1.35027	0.0304622	2.36717	2.36717	0.416508	0.754763	-1.32492	0.526329	1.243	1.243	2.05E-05	18.4351	18.4351	23.2088	42.1967	1.61612	1
cg00462268	ZMYND10	0.0963978	0.010004	1.01004	1.01004	0.00158274	4.42125	4.42125	0.448397	0.849094	-1.17785	1.71E-05	7.60416	7.60416	0.461699	1.18816	-1.18816	0.1151157	1.42466	1.42466	0.0598155	0.613459	-1.6301	0.99796	1.00059	1.00059	2.57E-05	8.81867	8.81867	21.9911	18.4385	0.745292	1
cg04322105	ZMYND10	0.001315908	0.10106	0.806007	-1.24068	0.000334752	2.03338	2.00338	0.00274022	0.608627	-1.64304	4.17E-05	2.55324	2.55324	0.122145	0.817735	-1.22289	0.0333164	1.34816	1.34816	0.197585	0.84908	-1.17771	0.611844	0.940391	-1.06339	0.00020965	2.10587	2.10587	0.208315	4.65836	0.203063	1
cg09682796	ZMYND10	0.00177321	0.340156	2.18691	2.18691	0.00585392	17.667	17.667	0.633934	0.682589	-1.46501	0.002459	28.5831	28.5831	0.498194	1.72866	1.72866	0.2318846	2.71324	2.71324	0.100488953	0.0129241	-77.3748	0.575327	0.6374438	-1.56878	0.00360503	23.0268	23.0268	9.98511	100.198	8.91978	1
cg16621790	ZMYND10	0.00237605	0.00440412	0.190988	-5.23593	0.101831	2.18125	2.18125	0.876373	0.934455	-1.07015	0.00151895	7.30534	7.30534	0.0101458	0.24362	-4.10475	0.5683931	0.777967	-1.2854	0.00931045	0.23773	-4.20645	0.0458539	0.369082	-2.70942	0.04233372	2.76853	2.76853	9.16807	27.5367	2.66982	1
cg21847393	ZMYND10	0.00424861	0.00546745	0.199637	-5.01045	0.0290948	2.86117	2.86117	0.906874	1.06513	1.06513	0.00425998	7.86273	7.86273	0.00792001	0.159418	-6.27243	0.523863	0.705894	-1.41664	0.024991	0.233715	-4.21708	0.0749307	0.342319	-2.92116	0.05532557	3.26734	3.26734	7.71983	35.5025	4.09266	1
cg02495395	ZMYND10	0.0297265	0.015773	0.39777	-2.51403	0.30357	1.39389	1.39389	0.204139	0.658586	-1.5184	0.0548932	1.93794	1.93794	0.277065	0.703055	-1.42236	0.6789885	1.13849	1.13849	0.0268689	0.441142	-2.26684	0.0186101	0.411008	-2.43304	0.402838	1.27673	1.27673	4.30742	0.30742	1.36742	1
cg20881888	ZMYND10;ZMYND10	0.000179861	0.18093	0.697458	-1.43378	0.00287582	2.82916	2.82916	0.828038	0.946315	-1.05673	0.000137657	5.32318	5.32318	0.0692297	0.597132	-1.67467	0.698261	1.10386	1.10386	0.000242634	0.2145025	-4.6619	0.00423827	0.378699	-2.64062	0.000749642	3.65887	3.65887	18.9069	19.2662	0.905778	1
cg12170709	ZMYND10;ZMYND10	0.140303	0.785414	0.95105	-1.05126	0.0448399	3.71463	3.71463	0.0370441	0.233203	-4.28603	0.00001	30.6624	30.6624	0.0032	0.0326	-30.6624	0.1197225	1.01275	1.01275	0.910504	0.465028	2.15041	0.107291	0.467778	-2.13777	7.20E-05	22.7585	22.7585	18.0679	53.4558	2.62987	1
cg23208152	ZMYND10;ZMYND10	0.391593	1.95238	1.95238	0.0108924	12.4063	12.4063	?	?	0.00106325	50.4524	50.4524	0.4436092	1.81266	1.81266	?	?	0.0537182	0.183223	1.84424	1.84424	?	?	0.0537182	0.183223	-5.4579	0.000999192	52.6357	52.6357	10.1807	70.7996	6.9543	1
cg10620702	ZMYND11;ZMYND11	0.00762497	0.968129	0.992174	-1.00789	0.0742376	0.67528	0.67528	0.14968	0.532845	0.8831931	-1.13226	0.622736	0.907095	-1.10342	0.00108432	0.2619483	-1.82434	0.131122	0.752775	-1.32784	0.230801	1.28041	0.0936708	0.5894505	-1.01574	0.4446449	0.857937	-1.16559	0.44256	3.94404	0.5443194	1
cg05236965	ZMYND11;ZMYND11;ZMYND11	0.000184035	2.58E-06	0.236607	-4.22641	0.958992	-1.04284	0.5506643	1.31812	1.31812	0.217987	0.84827	-1.17887	0.0625	0.766276	0.130501	0.00455853	0.618946	-1.61565	0.0335325	0.729534	-1.37074	0.0132527	0.877194	-1.47668	0.016965	0.609914	-1.44736	18.7899	4.79865	0.2270308	1
cg14301030	ZMYND11;ZMYND11;ZMYND11	0.000737253	0.415771	0.891912	-1.12119	0.00442039	6.46038	2.155	0.00613261	0.611515	-1.63528	0.46887	1.10666	1.10666	0.634883	0.93633	-1.068	0.396154	1.12693	1.12693	0.0716868	0.751998	0.9500992	-1.05153	0.2255121	0.849256	-1.1775	0.2321831	3.84101	0.266256	1
cg25571941	ZMYND11;ZMYND11;ZMYND11	0.005787	0.207402	0.834432	-1.19845	0.00201573	0.41214	-2.42636	0.913269	1.10182	0.101882	0.0546671	0.741541	-1.34492	0.350777	1.13071	1.13071	0.0796559	0.786559	-1.2813	0.0703661	1.13709	1.13709	0.153302	0.8120355	1.2314707	0.3823515	0.885149	-1.12975	0.74093	2.06054	0.263024	1
cg18570800	ZMYND11;ZMYND11;ZMYND11	0.00663505	0.0228854	0.361553	-2.76585	0.016584	0.335044	-2.98468	0.00995845	0.296313	-3.37481	0.00424822	0.239322	-4.17848	0.00166664	0.182764	-5.36843	0.0470815	0.427762	-2.33775	0.00200999	0.19616	-5.09787	0.501145	0.7748	-1.29066	0.052503	0.438717	-2.27937	0.72629	14.8767	1.96598	1
cg08328193	ZMYND11;ZMYND11;ZMYND11	0.0104954	0.0669822	0.428222	-2.33534	0.0218407	0.6948312	-1.43973	0.1134285	0.337213	-2.96575	0.0113405	0.993709	-1.00633	0.9841602	0.454194	-2.2017	0.12739	0.506155	1.97568	0.00768586	0.242966	-4.11581	0.0003409073	0.0922673	-10.8381	0.243807	0.604294	-1.65482	5.81975	15.7251	2.4018	1
cg02867818	ZMYND11;ZMYND11;ZMYND11	0.0109156	0.0794222	0.325231	-3.07474	0.1748402	2.29926	2.29926	0.0200924	0.54224	5.04224	0.5423662	1.68266	1.68266	0.0568	0.0568	0.0913551	0.0030950818	0.1886104	0.1886104	-5.30198	0.0913551	0.0914524	-10.9375	0.0914524	-10.9375	0.0913551	0.0914524	-10.9375	-3.59338	0.1857644	0.0445127	0.2446557	5.74677	30.2906	4.68517	1
cg17632565	ZMYND11;ZMYND11;ZMYND11	0.0114375	0.935832	1.01738	1.01738	0.00521331	2.20084	2.20084	0.393875	0.82953	-1.2055	0.481264	1.16555	1.16555	0.400952	1.20199	1.20199	0.0321554	0.584477	-1.71093	0.00218196	0.398546	-2.50912	0.14259	0.713713	-1.40112	0.212434	0.754988	-1.32452	5.66082	4.10588	0.644725	1
cg03748352	ZMYND11;ZMYND11;ZMYND11	0.0135172	0.249605	0.69374	-1.4409	0.0276047	0.796457	-1.25556	0.189727	1.12908	1.12908	0.0772289	0.549822	1.81877	0.0139	0.0139	0.0139	0.3502861	0.919391	-1.08768	0.6009925	0.638155	-1.5666	0.47383	1.1256	1.1256	0.1156	1.1098	1.56328	0.648845	0.107544	1
cg13993078	ZMYND11;ZMYND11;ZMYND11	0.0302666	0.0343027	0.137852	-7.25418	0.0131035	0.0784023	-12.7547	0.0166772	0.0957952	-10.4389	0.181292	0.32017	-3.12334	0.0283111	0.125219	-7.98601	0.0871372	0.219607	-4.55358	0.0838587	0.0670272	-14.9192	0.0228653	0.112456	-8.89234	0.151328	0.291162	-3.43451	0.47041	41.5544	9.06656	1
cg18153326	ZMYND12;PPCS;PMYND12;PPCS	0.00148814	0.283032	1.11466	1.11466	2.72E-05	2.23818	2.23818	0.950619	1.00605	1.00605	0.174441	1.15094	1.15094	0.750725	0.96946	-1.0315	0.160162	1.15723	1.15723	0.0152114	0.748172	-1.33659	0.136607	1.1689	1.1689	0.127692	1.17384	1.17384	10.5036	1.5754	0.133322	1
cg00800997	ZMYND12;PPCS;PMYND12;PPCS	0.00494792	0.0269169	0.782952	-1.27722	0.00288324	1.73715	1.73735	0.154586	1.15288	1.15288	0.646046	1.04412	1.04412	0.0729097	0.18904	-5.28904	0.779434	0.974126	-1.02656	0.0265722	0.782362	-1.27818	0.41166	1.08153	1.08153	0.10822	1.17777	1.17777	7.36208	1.0165	0.122731	1
cg26104816	ZMYND12;PPCS;PMYND12;PPCS	0.0163893	0.7058851	0.946293	-1.05675	0.0259545	0.959738	-1.04177	0.6259445	1.06516	1.06516	0.1400705	1.20748	1.20748	0.0164354	0.828	-1.20748	0.1373542	0.7075508	1.41353	0.0077146	0.6022238	-1.66047	0.2109105	1.24046	1.24046	0.0131598	1.56703	1.56703	8.70084	1.26154	0.300557	1
cg22486000	ZMYND12;ZMYND12;CXCL16;CXCL16;CXCL	0.036673	0.0237657	0.198418	-5.03986	0.1244036	0.368986	-2.71013	0.0352075	0.22989	-4.34991	0.1440851	0.390426	-2.56131	0.00543412	0.111659	8.95581	0.3996119	0.596436	-1.67663	0.00622198	0.117951	-8.47811	0.397301	0.594847	-1.6811	0.110452	0.352575	-2.83628	3.80214	21.6296	5.0567	1
cg24751717	16;ZMYND15	0.0102255	0.563748	0.898941	-1.11131	0.368121	0.18195	0.18195	0.376307	1.17843	1.17843	0.0243099	0.615433	-1.62487	0.106962	0.72744	-1.37468	0.45072	1.14908	1.14908	0.00629898	0.339484	-2.94565	0.093026	0.984916	-1.01532	0.964622	1.00805	1.00805	0.86859	3.03927	0.460345	1
cg19478741	ZMYND15;CXCL16;CXCL16;ZMYND15	0.00364836	0.15924	0.759718	-1.31628	0.853139	1.03443	1.03443	0.00660193	1.90454	1.90454	0.000266978	0.335179	-2.98348	0.711058	0.934288	-1.07033	0.826045	1.04103	1.04103	0.0137389	1.74459	1.74459	0.236486	0.797246	-1.25432	0.789281	1.05015	1.05015	8.02778	4.26655	0.469787	1
cg05842890	ZMYND15;CXCL16;CXCL16;ZMYND15;CXCL16	0.00734457	0.00282032	0.354615	-2.82041	0.0172856	0.24178	-4.13592	0.0001	0.0001	-9999	0.0001	0.0001	-9999	0.0001	0.0001	-9999	0.882216	1.1039	1.1039	0.553723	0.905071	1.1468	0.515519	0.70739	1.41378	0.424824	0.98124	1.01902	0.945509	1.464	0.101553	0.419788	0.428824	1
cg02929786	ZMYND15;ZMYND15	0.000284555	0.952745	1.00744	1.00744	0.102119	0.799496	-1.25079	0.00340336	0.607794	-1.64529	0.447894	1.10158	1.10158	0.541	0.85	-1.65	0.276033	1.62276	1.62276	0.0172491	1.43593	1.43593	0.0544	0.924434	-1.08174	0.29471	0.872907	-1.1456	16.6897	4.13514	0.220237	1
cg01840026	ZMYND15;ZMYND15	0.0307696	0.309992	0.814154	-1.22844	0.0238151	0.884641	0.884641	0.0135621	1.13585	1.13585	0.0972883	0.787716	0.787716	0.01662	0.54055	-1.85	0.2979861	1.20896	1.20896	0.0144533	1.27904	1.27904	0.0493564	1.2688	1.2688	0.0857	1.26888	1.26888	0.0857	1.09117	2.23727	1
cg06254214	ZMYND15;ZMYND15	0.031775	0.349258	0.806289	-1.24025	0.259139	1.30091	1.30091	0.684669	1.09552	1.09552	0.764231	0.934996	-1.06952	0.0008018	0.322767	3.09821	0.2529999	0.765841	-1.30575	0.209806	1.34358	1.34358	0.345407	0.804815	-1.24252	0.707583	0.919247	-1.08785	4.00397	3.16629	0.702923	1
cg04387835	ZMYND15;ZMYND15	0.0423973	0.321494	0.420483	-2.37822	0.0421666	7.24303	7.24303	0.0624343	0.89336	5.89336	0.0529596	0.948354	0.948354	0.0182721	11.2797	11.2797	0.993675	0.993318	-1.00673	0.0248176	5.58001	5.58001	0.523559	1.72772	1.72772	0.0418661	7.2703	7.2703	1.60471	40.8467	10.0724	1
cg24122498	ZMYND15;ZMYND15	0.0472333	0.7514641	0.94893	-1.05375	0.0159556	1.25411	1.25411	0.0102597	0.0102597	0.0102597	0.0102597	0.0102597	0.0102597	0.0102597	0.0102597	0.0102597	0.5549132	1.54972	1.54972	0.0034474	1.48423	1.48423	0.0636998	1.72974	1.72974	0.0173631	1.81741	1.81741	3.64195	25.1059	7.57932	1
cg23590056	ZMYND17	0.00254198	0.0061502	1.76333	1.76333	0.0478449	0.698359	-1.43193	0.00530189	0.558147	-1.79164	0.834527	1.03375	1.03375	0.719499	1.0589	1.0589	0.7860037	0.95774	-1.04413	0.000377171	2.46398	2.46398	0.0662442	0.721131	-1.38671	0.607177	0.921004	-1.08577	8.98786	3.58464	0.354517	1
cg26094470	ZMYND17	0.00823221	0.3658371	1.36398	1.36398	0.0607929	2.10497	2.10497	0.0393591	1.43884	1.36585	0.0611	1.10266	1.10266	0.3887994	0.9122314	-1.09623	0.0015466	1.63098	1.63098	0.0017589	2.06753389	2.06753389	0.0080899	2.14777	2.14777	0.0016618	2.62373	2.62373	10.0763	0.1225553	0.0423723	1
cg08495198	ZMYND17	0.0227726	0.0144624	2.17758	2.17758	0.0364992	2.52136	2.76119	0.0166701	0.470112	-2.12715	0.89424	1.03494	1.03494	0.1654	0.682447	-1.46532	0.49975	1.837856	-1.19352	0.878742	1.04021	1.04021	0.955757	1.01443	1.01443	0.365693	1.78626	1.78626	-2.12725	4.50024	4.75293	0.938801	1
cg05097887	ZMYND17	0.0263365	0.0068516	2.210015	-4.76155	0.00824562	0.221851	-4.50752	0.126944	0.479195	-2.08683	0.834087	1.09798	1.09798	0.112851	0.463436	-2.1578	0.14623	0.499034	-2.00387	0.00497027	0.190673	-5.24459	0.554381	0.766053	-1.30539	0.0558296	0.380788	-2.62614	4.2788	13.4581	2.79582	1
cg13653957	ZMYND19	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0111364	0.0372232	0.642622	-1.55613	0.649821	1.08717	1.08717	0.944838	1.05947	0.944838	1.05947	0.944838	1.05947	0.944838	1.05947	-1.01273	0.00334503	0.481823	0.107545	0.829358	0.470741	1
cg02970775	ZMYND19	0.0133318	0.372671	0.67423	-1.48317	0.829149	1.09755	1.09755	0.108325	0.470252	-2.12651	0.136136	1.99702	1.99702	0.0798287	0.399696	2.5019	0.0115593	2.256633	3.86962	0.0009438	0.4201508	-2.38034	0.1569888	0.521044	-1.91922	0.585789	15.8224	2.61148	1
cg09046309	ZMYND8;LOC100131496;ZMYND8;ZMY ND8	0.0155258	0.583205	0.808685	-1.23658	0.0265227	2.73939	2.73939	0.0184632	0.98966	2.98966	0.0739776	2.1449	2.1449	0.046112	0.416559	-2.40062	0.0139732	3.2003	3.2003	0.365876	1.4276	1.4276	0.00620923	3.95421	3.95421	0.787966	1.10882	1.10882	5.12192	11.9116	2.0672	1
cg03082779	ZMYND8;LOC100131496;ZMYND8;ZMY ND8	0.0289324	0.802206	0.916851	-1.09069	0.00721069	3.3181	3.3181	0.0181923	2.69585	2.69585	0.160386	1.67982	1.67982	0.0963014	0.490478	-2.03883	0.0292397	2.4314	2.4314	0.169382	1.65919	1.65919	0.085354	1.93057	1.93057	0.678943	1.15483	1.15483	4.13965	7.84285	1.68406	1
cg20645040	ZMYND8;LOC100131496;ZMYND8;ZMY ND8	0.0439522	0.0683948	0.483953	-2.06632	0.135113	1.77351	1.77351	0.208827	1.60203	1.60203	0.111564	0.539841	-1.8524	0.647301	0.848863	-1.17805	0.0238772	2.60883	2.60883	0.65146	1.17558	1.17558	0.0247846	2.58719	2.58719	0.265094	1.66157	1.66157	-1.51155	3.55671	7.12753	1.78131	1
cg02341503	ZMYND8;LOC100131496;ZMYND8;ZMY ND8	0.0496015	0.516034	0.812939	-1.23011	0.0279656	2.26282	2.26282	0.126294	1.68232	1.68232	0.094898	1.78103	1.78103	0.0849953	0.549383	-1.82022	0.0467634	2.04615	2.04615	0.738212	1.11125	1.11125	0.0210343	2.39374	2.39374	0.773846	0.913378	-1.09484	3.39845	5.32321	1.39233	1
cg25541209	ND8	0.024759	0.790577	0.925851	-1.08009	0.00683621	0.222745	-4.48943	0.0609559	0.542626	-1.84288	0.951281	1.01784	1.01784	0.0594375	0.539842	-1.85239	0.256782	0.709116	-1.40862	0.0301324	0.478006	-2.09202	0.196728	0.67363	-1.4845	0.750338	0.911736	-1.09681	4.37193	5.80151	1.17955	1
cg22630984	ZMYND8;ZMYND8;ZMYND8	7.85E-05	0.572078	0.873782	-1.13016	0.0242951	2.32	2.32	0.0150006	1.72759	1.72759	0.00106819	2.17042	2.17042	0.062637	0.900024	-1.11108	5.73E-05	2.3148	2.3148	0.0356593	0.743	1.34583	0.0856	0.973523	1.02705	0.616	0.962722	1.03842	0.722	0.177929	1.38854	0.5237	1
ch.20.1003652	ZMYND8;ZMYND8;ZMYND8	0.00635272	0.0031163	0.414143	-2.41463	0.773739	0.939084	-1.06487	0.00288421	0.409213	-2.44371	0.00423768	0.434001	-2.30414	0.00112982	0.351774	-2.84274	0.238957	0.764215	-1.30853	0.459604	0.848596	-1.17842	0.666216	0.909716	-1.09924	0.932245	0.98163	-1.01871	6.81765	5.13342	0.669298	1
cg00625354	ZMYND8;ZMYND8;ZMYND8	0.0210932	0.795846	1.01995	1.01995	0.00448399	3.71463	3.71463	0.0370441	2.31303	2.31303	0.886542	0.952761	-1.05058	0.00599729	0.288	-3.4722	0.128435	0.680345	1.46984	0.0036505	0.477569	2.09444	0.049393	0.760619	1.31467	0.0044993	0.760619	-1.31463	6.44204	8.77569	1.66843	1
cg02767841	ZMYND8;ZMYND8;ZMYND8	0.0247914	0.837695	1.19361	-1.03964	0.302762	0.770391	-1.29804	0.492554	0.843401	-1.18568	0.770715	1.07401	1.07401	0.0241511	0.518412	-1.92897	0.113724	0.656701	-1.52276	0.790263	1.06731	1.06731	0.0104785	2.19737	2.19737	0.00925803	2.24126	2.24126	4.36994	4.13278	0.840647	1
cg19772907	ZMYND8;ZMYND8;ZMYND8	0.0192486	0.51921	0.374684	-1.14327	0.102728	1.44172	1.44172	0.383893	0.832807	-1.20076	0.841016	1.04201	1.04201	0.712553	1.07878	1.07878	0.0039102	2.21634	2.21634	0.327351	1.23021	1.23021	0.00746307	2.02566	2.02566	0.804667	0.950493	-1.05209	3.70892	2.46643	0.591111	1
cg03763144	ZND10	0.0147003	0.753182	0.98729	-1.01309	0.0146	1.26536	1.26536	0.0145839	1.0074	1.0074	0.00280682	1.1817	1.1817	0.0144	0.846	-1.18203	0.0019635	1.19416	1.19416	0.00315343	1.30726	1.30726	0.0009	1.89194	1.89194	0.0044	1.50562	1.50562	0.407109	1.03499	19.952	2.09359	0.0231485	1
cg14212870	ZND10	0.0224945	0.805444	0.88918	-1.12496	0.384337	1.53051	1.53051	0.747983	0.857427	-1.16628	0.328479	0.618011	-1.6181	0.21102	1.87535	1.87535	0.345171	1.59029	1.59029	0.00455774	0.0171312	-13.9409	0.492974	0.717329	-1.39406	0.742184	0.854267	-1.17059	4.5193	16.2954	3.2051	1
cg04214075	ZND10	0.0295602	0.3236487	0.798346	-1.25256	0.0373497	0.8355	-1.19702	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0729561	0.882217	1.13351	0.241577	0.5562052	-1.79797	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	-1.86544	0.2429817	0.0184	0.0184	0.0184	0.0184	1
cg14282528	ZNF10	0.0459276	0.788998	1.04288	1.04288	0.235207	0.823054	-1.21499	0.522881	1.10667	1.10667	0.282573	0.83965	-1.19097	0.00874464	0.592858	-1.68674	0.27489	1.837101	1.1946	0.0623895	0.72014	-1.38862	0.0432525	1.43903	1.43903	0.0607588	0.718286	1.3922	1.49866	1.35752	0.3449	1
cg01619045	ZNF100	0.0259007	0.257689	-3.88064	0.045323	0.231214	4.325	0.144475	0.367961	-2.71768	0.857773	1.12121	1.12121	0.0101109	0.134112	-7.45648	0.169514	0.393224	-2.54308	0.00146132	0.0533421	-18.7469	0.555583	0.379414	-2.63564	0.242632	0.458454	-2.18124	4.17153	26.8755	5.72675	1
cg26515694	ZNF100	0.0311762	0.0836281	0.599117	-1.66918	0.170176	0.719173	-1.39064	0.0502258	0.574507	-1.74025	0.822731	1.09913	1.09913	0.0032845	0.409475	-2.44244	0.0172718	0.2280804	4.38407	0.0004497	0.509124	-1.96416	0.625884	0.917309	-1.09014	0.114025	0.739129	1.35258	4.04656	1.5672	0.434437	1
cg27004015	ZNF100	0.0384139	0.93686	0.976596	-1.02396	0.915243	1.03233	1.03233	0.0381771	0.487637	-2.05071	0.0147688	0.407877	-2.45172	0.0303201	2.1406	2.1406	0.244375	0.694864	-1.43913	0.103925	1.70144	1.70144	0.995211	0.998207	-1.0018	0.0904816	0.572597	-1.74643	3.73828	5.29007	1.25787	1
cg15441789	ZNF100;ZNF100	0.0291605	0.0188458	2.483035	-4.03027	0.0629792	0.145497	-6.87192	0.388736	1.20913	1.20913	0.52877	0.940127	-1.06429	0.1803	1.11003	1.11003	0.150095	1.5985	1.5985	0.0150552	1.64234	1.64234	0.0606407	1.67007	1.67007	0.106602	1.48182	1.48182	2.44844	0.0244	0.559578	1
cg24067615	ZNF101	0.000804601	0.000567581	0.20291	-4.92829	0.0232676	0.280785	-3.56144	0.454241	1.25571	1.25571	0.000197531	0.130015	-7.69144	0.000618631	0.207231	-4.82552	0.8596598	0.948523	-1.05427	0.949109	0.981114	-1.01925	0.027745	0.459729	-2.1752	0.128592	0.612244	-1.63334	12.5119	17.6808	1.25611	1
cg17692971	ZNF101	0.00156468	0.00139029	3.41957	3.41957	0.00279342	2.98478	2.98478	0.00655115	2.55299	2.55299	0.764452	0.923151	-1.08301	0.113157	1.58016	1.58016	0.149415	1.50713	1.50713	0.000184019	5.35068	5.35068	0.0011712	3.54031	3.54031

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14774371	ZNF140	0.0475401	0.0740353	0.576688	-1.73404	0.0088995	0.398402	-2.51003	0.00549076	0.364431	-2.74401	0.127854	0.634355	-1.5764	0.984619	0.994684	-1.00534
cg24296250	ZNF140;ZNF140	0.0013235	0.000175588	2.66438	2.66438	0.010146	0.622483	-1.60647	0.00243364	1.87273	1.87273	0.156079	1.24099	1.24099	0.229838	0.836335	-1.19569
cg05255728	ZNF141	0.00038542	1.79E-05	0.360331	-2.77522	0.480981	1.087	1.087	0.986017	0.997961	-1.00204	0.179967	1.18037	1.18037	0.00122511	0.576526	-1.73453
cg02224416	ZNF141	0.00443991	0.0355176	0.684061	-1.46186	0.0691871	1.37083	1.37083	0.660751	1.07092	1.07092	0.172174	1.25288	1.25288	0.00081787	0.457225	-2.18711
cg19142319	ZNF141	0.00482431	0.0358365	1.66851	1.66851	0.506348	0.868187	-1.15182	0.457534	0.853338	-1.17187	0.153293	0.725741	-1.3779	0.123949	1.41802	1.41802
cg24802771	ZNF141;ZNF141	0.0450627	0.985972	1.00383	1.00383	0.040945	1.67116	1.67116	0.055367	1.60437	1.60437	0.114775	1.45255	1.45255	0.55408	0.877854	-1.13914
cg08370882	ZNF142	0.00039787	0.0294609	0.593214	-1.68573	0.0294778	0.593257	-1.68561	0.0627581	1.53178	1.53178	0.331937	1.22612	1.22612	0.000176714	0.273957	-3.65021
cg27139943	ZNF142	0.000854022	0.273526	0.74609	-1.34032	0.000400248	0.235111	-4.2533	0.877675	1.04039	1.04039	0.480453	0.831633	-1.20245	0.0011431	0.292477	-3.41907
cg02776375	ZNF142	0.00335428	0.696429	0.918069	-1.08924	0.0575775	1.5971	1.5971	0.334965	1.24208	1.24208	0.0040914	0.431736	-2.31623	0.000458634	0.300352	-3.32942
cg11667823	ZNF142	0.00355563	0.0650061	0.784149	-1.27527	0.00218095	0.603797	-1.65619	0.427567	1.09972	1.09972	0.0379044	0.753908	-1.32642	0.0230404	0.726884	-1.37574
cg24707432	ZNF142	0.0214222	0.120385	0.640844	-1.56044	0.172905	0.681746	-1.46682	0.0833674	1.65906	1.65906	0.496981	1.1998	1.1998	0.0323426	0.515882	-1.93843
cg04104609	ZNF142;BCS1L;BCS1L	0.000135698	0.00337836	0.910552	-1.09823	0.000401688	1.14148	1.14148	0.154307	0.964789	-1.0365	0.880423	1.00354	1.00354	0.0200363	0.936161	-1.06819
cg22207171	ZNF142;BCS1L;BCS1L	0.000169121	0.0751045	0.934125	-1.07052	3.69E-05	1.31383	1.31383	0.00101748	1.18239	1.18239	0.471215	0.975115	-1.02552	0.524619	1.02242	1.02242
cg27170298	ZNF142;BCS1L;BCS1L	0.00220822	0.645542	1.20935	1.20935	0.972333	0.985868	-1.01434	3.27E-05	0.0364255	-27.4533	0.88758	1.05977	1.05977	0.0319559	0.356469	-2.8053
cg23561806	ZNF143	0.0130825	0.105624	0.646235	-1.54742	0.00198548	2.94086	2.94086	0.322218	0.776813	-1.28731	0.91858	0.975063	-1.02557	0.0344015	0.543681	-1.83931
cg21949229	ZNF143	0.0232619	0.42671	1.20421	1.20421	0.00129991	0.342138	-2.9228	0.0524282	0.603491	-1.65702	0.30433	0.783818	-1.27581	0.35621	1.2427	1.2427
cg12224045	ZNF143	0.0413854	0.00880886	3.1059	3.1059	0.116547	0.560207	-1.78505	0.843054	1.06968	1.06968	0.689589	1.14617	1.14617	0.0287716	0.416325	-2.40197
cg03668763	ZNF143	0.0482963	0.0945483	0.455959	-2.19318	0.492612	1.34691	1.34691	0.144444	1.95418	1.95418	0.995176	0.997419	-1.00259	0.0224058	0.310633	-3.21923
cg02358804	ZNF146;ZNF146;ZNF146	0.00683536	0.267146	0.724853	-1.37959	0.234135	1.41506	1.41506	0.143412	1.54908	1.54908	0.166708	1.50742	1.50742	0.0295432	0.490054	-2.04059
cg19824661	ZNF146;ZNF146;ZNF146	0.0170015	0.563385	1.09449	1.09449	0.0029354	0.531848	-1.88024	0.151051	0.788356	-1.26846	0.522907	1.10525	1.10525	0.0139035	0.62522	-1.59944
cg17733590	ZNF146;ZNF146;ZNF146	0.0218158	0.00849795	0.301333	-3.31859	0.0514553	0.45302	-2.20741	0.11154	0.538503	-1.857	0.680038	1.15962	1.15962	0.00910684	0.306272	-3.26507
cg01073988	ZNF146;ZNF146;ZNF146	0.0438559	0.345208	0.824688	-1.21258	0.538539	1.13141	1.13141	0.041108	1.59559	1.59559	0.2251	1.28738	1.28738	0.421404	1.17685	1.17685
cg08114521	ZNF146;ZNF146;ZNF146;ZNF146;ZNF565;ZNF565;ZNF146;ZNF565;ZNF146	0.00206659	0.0113769	1.35199	1.35199	0.294308	0.901642	-1.10909	0.541385	0.942849	-1.06061	0.0225905	0.771118	-1.29682	0.228757	0.886714	-1.12776
cg08652300	ZNF148	0.000154013	0.0414773	1.73658	1.73658	0.148311	1.43907	1.43907	0.525496	1.16303	1.16303	0.699117	0.912859	-1.09546	0.635641	1.11856	1.11856
cg18266400	ZNF148	0.00588814	0.0616026	0.67749	-1.47604	0.139123	0.744981	-1.34232	0.136816	0.743498	-1.34499	0.0871312	0.705154	-1.41813	0.000781543	0.390798	-2.55886
cg15580157	ZNF148	0.02703	0.0514008	0.827463	-1.20851	0.287708	1.09884	1.09884	0.495136	1.06093	1.06093	0.005317	0.730795	-1.36837	0.0460095	0.822616	-1.21563
cg18107105	ZNF148	0.0322892	0.010349	0.580854	-1.7216	0.60079	1.09287	1.09287	0.224603	0.806898	-1.23931	0.147515	1.29874	1.29874	0.540845	0.901107	-1.10975
cg01289769	ZNF148	0.0481718	0.653877	0.856072	-1.16813	0.0140424	2.84094	2.84094	0.0712267	2.00133	2.00133	0.634693	0.848058	-1.17916	0.0102134	0.327904	-3.04967
cg27324426	ZNF154	0.000718205	0.0166894	2.06828	2.06828	9.29E-05	5.66455	5.66455	0.0578985	1.70437	1.70437	0.0495614	0.572804	-1.7458	0.00570215	0.405919	-2.46355
cg01268824	ZNF154	0.000842836	0.0349488	2.18116	2.18116	0.000106007	8.77308	8.77308	0.0240225	2.34951	2.34951	0.117485	1.71517	1.71517	0.00910979	0.349462	-2.86154
cg11294513	ZNF154	0.00608727	0.53495	0.892268	-1.12074	0.705825	0.93352	-1.07121	0.000113921	3.4171	3.4171	0.613589	0.911768	-1.09677	0.924954	0.983054	-1.01724
cg03234186	ZNF154	0.0213507	0.996289	1.0012	1.0012	0.227515	1.38455	1.38455	0.00319757	2.81156	2.81156	0.688617	0.90171	-1.109	0.57552	0.864763	-1.15639
cg08668790	ZNF154	0.02425	0.489686	1.17769	1.17769	0.107287	1.50639	1.50639	0.0176685	1.95937	1.95937	0.692484	1.09707	1.09707	0.923979	0.978	-1.02249
cg26855136	ZNF154	0.0441783	0.21963	0.656044	-1.52429	0.0275419	0.426947	-2.34221	0.966236	0.986272	-1.01392	0.021123	0.404332	-2.47321	0.00580884	0.307338	-3.25375
cg05661282	ZNF154;ZNF154	0.00219373	0.845505	0.949253	-1.05346	0.290859	1.33993	1.33993	0.00080513	3.85741	3.85741	0.218218	1.41306	1.41306	0.213123	0.704672	-1.4191
cg27049766	ZNF154;ZNF154	0.0144339	0.396824	0.768856	-1.30063	0.472034	1.24809	1.24809	0.000436845	5.38559	5.38559	0.515596	0.818963	-1.22106	0.400981	0.770716	-1.29749
cg02315483	ZNF155;ZNF155	0.000764213	0.278385	0.698543	-1.43155	0.0350918	0.457746	-2.18462	0.0156235	2.56894	2.56894	0.841723	0.938343	-1.06571	0.00011337	0.115609	-8.64981
cg07058902	ZNF155;ZNF155	0.000968345	0.492056	0.9513	-1.05119	2.34E-05	1.83044	1.83044	0.847151	0.986288	-1.0139	0.203672	0.90847	-1.10075	0.214907	1.09791	1.09791
cg10590767	ZNF155;ZNF155	0.0109178	0.0197314	1.61498	1.61498	0.00448773	0.524711	-1.90581	0.51723	1.11825	1.11825	0.606414	0.915339	-1.09249	0.00451549	0.52509	-1.90444
cg20451226	ZNF155;ZNF155	0.0158765	0.43319	0.826102	-1.2105	0.00648731	2.32844	2.32844	0.00931598	2.19875	2.19875	0.165391	0.702286	-1.42392	0.744207	0.924775	-1.08134
cg24413068	ZNF155;ZNF155	0.0302773	0.0381274	0.423645	-2.36046	0.0068447	0.286043	-3.49598	0.0559994	0.461377	-2.16742	0.111046	0.53775	-1.8596	0.0201266	0.36723	-2.72309
cg00586014	ZNF157	0.000243326	0.00960439	0.665553	-1.50251	5.88E-05	0.397004	-2.51887	9.92E-05	0.424004	-2.35847	0.0173243	0.697729	-1.43322	0.0708739	0.778322	-1.28482
cg17215052	ZNF157;SNORA11C	0.000245612	0.227059	1.24816	1.24816	0.000159814	0.3238	-3.08833	0.00430468	0.513116	-1.94888	0.00103608	0.427733	-2.33791	0.000170544	0.327247	-3.05579
cg16233679	ZNF157;SNORA11C	0.00271324	0.000343323	0.260527	-3.83837	0.0561162	0.603582	-1.65678	0.152569	0.699371	-1.42986	0.18436	1.38902	1.38902	0.00487849	0.418614	-2.38884
cg18777711	ZNF157;SNORA11C	0.00817067	0.0195727	0.624625	-1.60096	0.191983	1.25911	1.25911	0.125748	0.758515	-1.31837	0.0664612	1.40966	1.40966	0.0131113	0.598556	-1.67069
cg01279057	ZNF157;SNORA11C	0.0248405	0.631157	1.13789	1.13789	0.280636	0.741204	-1.34916	0.156515	0.66715	-1.49891	0.0206678	0.475133	-2.10467	0.00257529	0.327597	-3.05253
cg13577231	ZNF160;ZNF160;ZNF160	0.000163552	0.190776	0.874258	-1.14383	0.00423242	0.689753	-1.4498	0.00393112	0.686338	-1.45701	0.0011379	0.628603	-1.59083	0.000731397	1.64537	1.64537
ch.19.1746747F	ZNF160;ZNF160;ZNF160	0.0102871	0.0430203	0.813983	-1.22853	0.602762	0.954649	-1.04751	0.00183523	0.676251	-1.47874	0.00324799	1.42588	1.42588	0.938385	0.99319	-1.00686
cg08470053	ZNF160;ZNF160;ZNF160	0.0216458	0.0222782	0.432831	-2.31037	0.0069826	0.344157	-2.90565	0.673003	0.878303	-1.13856	0.0975795	0.57367	-1.74316	0.259632	0.698035	-1.43259
cg05802745	ZNF165	8.02E-06	0.00706558	0.60361	-1.6567	0.0701774	0.745619	-1.34117	1.47E-05	0.271003	-3.69	0.209335	0.825406	-1.21153	5.66E-07	0.134497	-7.43513
cg14529173	ZNF165	0.00123097	0.219215	0.891702	-1.12145	0.00289152	1.43818	1.43818	0.0281506	1.25859	1.25859	0.0361876	1.24122	1.24122	0.131932	1.15517	1.15517
cg17670868	ZNF165	0.00132559	0.801479	1.0661	1.0661	0.0402734	0.547709	-1.82579	0.00053933	0.254773	-3.92506	0.0171998	0.478274	-2.09085	0.000855788	0.280119	-3.56991
cg12334811	ZNF165	0.00373171	0.0133314	0.199799	-5.00503	0.550064	1.37389	1.37389	0.00824641	0.169514	-5.89923	0.948631	0.966722	-1.03442	0.00108028	0.0792499	-12.6183
cg21574204	ZNF165	0.00776454	0.000512319	0.169727	-5.89182	0.720832	0.889298	-1.12448	0.349687	0.729965	-1.36993	0.0625724	0.50398	-1.98421	?	?	?
cg03415429	ZNF165	0.0324354	0.325104	0.820043	-1.21945	0.0133994	1.81842	1.81842	0.762321	1.06101	1.06101	0.0584539	1.51809	1.51809	0.800995	1.05055	1.05055
cg23485639	ZNF165	0.0483978	0.772142	0.774208	-1.29164	0.6842	1.43395	1.43395	0.108966	0.21423	-4.66789	0.669352	1.46028	1.46028	0.0324537	0.110053	-9.08651
cg05261824	ZNF165;ZNF165	0.000613576	0.334798	0.674618	-1.48232	0.0210763	0.333602	-2.99759	0.002328	0.185919	-5.37868	0.0242054	0.345302	-2.89602	7.81E-05	0.0591223	-16.9141
cg06792262	ZNF167	0.00219895	0.00402844	3.08409	3.08409	0.0821897	1.75307	1.75307	0.288998	1.37834	1.37834	0.377816	1.30188	1.30188	0.00634676	2.81749	2.81749
cg22502448	ZNF167	0.00430178	0.00958439	2.38631	2.38631	0.0893369	0.608501	-1.64338	0.927731	0.976231	-1.02435	0.800551	1.06943	1.06943	0.14265	1.5187	1.5187
cg13507091	ZNF167	0.00471046	0.835187	0.986866	-1.01331	0.532784	0.960698	-1.04091	0.020836	0.838181	-1.19306	0.102753	0.892889	-1.11996	0.000208419	0.674445	-1.4827
cg05470468	ZNF167	0.0181139	0.986428	0.996904	-1.00311	0.116084	1.36518	1.36518	0.957735	0.990387	-1.00971	0.779242	1.05255	1.05255	0.868243	1.03072	1.03072
cg06945690	ZNF167	0.0253389	0.478075	0.828791	-1.20658	0.0243151	2.01152	2.01152	0.0856978	1.63974	1.63974	0.0546838	1.76376	1.76376	0.0361515	0.530261	-1.88586
cg10265740	ZNF167	0.0328194	0.0430563	2.18254	2.18254	0.00453451	3.55327	3.55327	0.0187415	2.59874	2.59874	0.43643	0.766295	-1.30498	0.0980471	1.83759	1.83759
cg16773873	ZNF167	0.0363731	0.514787	0.935039	-1.06947	0.0778537	1.22049	1.22049	0.0704547	0.814168	-1.22825	0.444683	0.923828	-1.08245	0.341712	0.905182	-1.10475
cg02864626	ZNF167;ZNF167	0.000133253	7.62E-06	0.314903	-3.17558	0.000270359	0.495677	-2.01744	0.00114394	0.57011	-1.75405	0.489827	0.920874	-1.08592	0.0443779	0.762357	-1.31172
cg03795847	ZNF167;ZNF167	0.0218675	0.0180168	3.50672	3.50672	0.00679668	4.6247	4.6247	0.0642968	2.47858	2.47858	0.296109	1.60488	1.60488	0.403151	1.4529	1.4529
cg13212382	ZNF167;ZNF167	0.023168	0.0321885	0.602111	-1.66082	0.10423	0.698264	-1.43212	0.133335	1.3874	1.3874	0.220143	0.770519	-1.29783	0.332184	0.816855	-1.22421
cg05668318	ZNF167;ZNF167	0.0250969	0.214948	0.761303	-1.31354	0.0231893	0.567204	-1.76303	0.452494	0.852226	-1.1734	0.0192501	1.80682	1.80682	0.518877	0.872296	-1.1464
cg06566994	ZNF167;ZNF167	0.0364027	0.451781	1.52182	1.52182	0.00117157	13.5887	13.5887	0.0416727	3.61898	3.61898	0.292637	1.81849	1.81849	0.444665	1.53234	1.53234
cg25805709	ZNF167;ZNF167;ZNF167;ZNF167	0.0212939	0.030939	0.55829	-1.79118	0.940242	1.0174	1.0174	0.406877	1.21555	1.21555	0.133672	0.689244	-1.45086	0.863391	0.961155	-1.04042
cg14220634	ZNF169	6.25E-05	0.00953407	0.706063	-1.4163	0.00030026	0.536157	-1.86513	0.0232658	0.750147	-1.33307	0.00686032	0.689959	-1.44936	5.28E-06	0.334644	-2.98825
cg14032959	ZNF169	0.00382129	0.00886292	0.307754	-3.24935	0.023386	0.383564	-2.60713	0.0433032	0.43944	-2.27562	0.238583	0.646191	-1.54753	0.00114779	0.18438	-5.42358
cg15264273	ZNF169	0.00921191	0.0622455	1.72813	1.72813	0.00430897	0.369827	-2.70397	0.0164598	0.465859	-2.14657	0.012107	2.25967	2.25967	0.0896261	0.614036	-1.62857
cg18978193	ZNF169	0.0116442	0.0115872	0.642712	-1.55591	0.00872186	1.59685	1.59685	0.176495	1.22292	1.22292	0.0594338	0.742307	-1.34715	0.872184	0.977702	-1.02281
cg13980266	ZNF169	0.0146259	0.695374	1.37301	1.37301	0.00516577	0.0510766	-19.5785	0.137711	0.275911	-3.62436	0.519885	0.591262	-1.6913	0.00825494	0.065792	-15.1994
cg03704393	ZNF169	0.0221492	0.517439	1.43297	1.43297	0.085909	0.353325	-2.83026	0.437704	0.647938	-1.54336	0.454992	0.658919	-1.51764	0.00289769	0.105973	-9.43637
cg13734177	ZNF16;ZNF16	0.000537111	0.000252434	0.571296	-1.75041	0.000653472	0.615834	-1.62381	0.00565826	0.714	-1.40056	0.00381958	0.696354	-1.43605	0.000104079	0.529042	-1.89021
cg26394008	ZNF16;ZNF16	0.000603679	0.742527	0.918997	-1.08814	0.000861151	0.27744	-3.60438	0.121028	0.649975	-1.53852	0.00125291	0.298943	-3.34512	0.154396	0.676621	-1.47793
cg21605646	ZNF16;ZNF16	0.0092222	0.0990866	1.4491	1.4491	0.0343368	0.602637	-1.65937	0.341459	0.817834	-1.22274	0.452528	1.17	1.17	0.00752736	0.493832	-2.02498
cg18697006	ZNF17	0.00439166	0.123562	1.2314	1.2314	0.00238333	1.6963	1.6963	0.826118	1.02784	1.02784	0.334292	0.883146	-1.13232	0.580176	0.932655	-1.07221
cg08591761	ZNF17	0.010782	0.0180233	0.455099	-2.19733	0.00335913	2.98396	2.98396	0.467632	0.816689	-1.22446	0.0407953	1.90981	1.90981	0.0949529	0.604855	-1.65329
cg00091060	ZNF17	0.017685	0.311865	0.710785	-1.4069	0.132492	0.588779	-1.69843	0.757205	0.903763	-1.10649	0.40675	1.31908	1.31908	0.161066	0.613577	-1.62979
cg16712729	ZNF17	0.0244757	0.0107737	0.542203	-1.84433	0.464009	1.15305	1.15305	0.0467302	1.54509	1.54509	0.994173	1.0014	1.0014	0.721285	1.07084	1.07084
cg16713690	ZNF17	0.0286171	0.00935058	1.53238	1.53238	0.0268122	1.40448	1.40448	0.0760553	1.29128	1.29128	0.018178	1.44971	1.44971	0.614274	1.06802	1.06802
cg00903154	ZNF174;ZNF174	0.000460634	0.935393	1.00877	1.00877	0.000532117	0.559323	-1.78788	0.00260151	0.63798	-1.56745	0.502974	0.92938	-1.07599	0.155497	0.848957	-1.17792
cg04348427	ZNF174;ZNF174;ZNF434	0.0113338	0.491098	0.823127	-1.21488	0.313468	0.748158	-1.33662	0.0191809	2.20047	2.20047	0.18494	1.4789	1.4789	0.00782522	0.386743	-2.5857
cg06733971	ZNF174;ZNF434;ZNF174	0.0441959	0.00938121	0.483686	-2.06746	0.0114753	2.00845	2.00845	0.926109	1.02066	1.02066	0.122316	1.44662	1.44662	0.958432	0.988573	-1.01156
cg25824543	ZNF175	0.000267859	0.0635412	1.50224	1.50224	0.371373	1.19608	1.19608	0.000185065	3.42774	3.42774	4.53E-05	0.222036	-4.50377	0.0438082	0.636343	-1.57148
cg18379413	ZNF175	0.000861914	0.519453	0.913191	-1.09506	0.000110308	2.57615	2.57615	0.000335394	2.23511	2.23511	0.911874	0.984722	-1.01551	0.995773	0.999264	-1.00074
cg01382982	ZNF175	0.00817612	?	?	?	0.213509	1.85603	1.85603	0.0325144	3.25934	3.25934	0.00142157	0.113101	-8.84167	0.465232	0.704068	-1.42032
cg17592734	ZNF175	0.0191612	0.233126	0.897573	-1.11411	0.00265046	1.43249	1.43249	0.011734	1.31273	1.31273	0.891258	1.01189	1.01189	0.029592	1.24781	1.24781
cg05250458	ZNF177	5.11E-06	8.66E-05	0.515562	-1.93963	7.55E-07	0.285481	-3.50286	4.35E-05	0.482049	-2.07448	0.411762	1.08214	1.08214	0.000113347	0.528547	-1.89198
cg05928342	ZNF177	9.94E-05	2.81E-05	0.460065	-2.1736	0.11049	0.848836	-1.17808	0.573611	1.05504	1.05504	0.00652752	0.71674	-1.39521	0.000244712	0.564863	-1.77034
cg07788092	ZNF177	0.00226817	0.000273778	0.488201	-2.04834	0.89621	1.01582	1.01582	0.0207849	0.715528	-1.39757	0.0763452	0.788871	-1.26763	0.00166727	0.582249	-1.71748
cg09492640	ZNF177	0.00632408	0.0323176	0.365487	-2.73607	0.0314918	0.363126	-2.75387	0.00634677	0.240053	-4.16575	0.0831341	0.462817	-2.16068	0.00140076	0.155931	-6.41308
cg14737994	ZNF177	0.00706175	0.0146132	0.326457	-3.06319	0.106222	0.518512	-1.9286	0.255354	0.642692	-1.55596	0.46509	0.758223	-1.31887	0.000525126	0.133746	-7.47686
cg09578475	ZNF177	0.0182794	0.70402	0.918802	-1.08837	0.00335756	0.412559	-2.4239	0.0251897	0.553963	-1.80518	0.271803	0.775839	-1.28893	0.0266615	0.558354	-1.79098
cg19275200	ZNF177	0.0331308	0.038609	0.138174	-7.23727	0.0965674	0.221516	-4.51436	0.113479	0.24101	-4.14921	0.579766	1.5874	1.5874	0.00894654	0.0641112	-15.5979
cg14323854	ZNF177	0.0465397	0.122781	0.46859	-2.13406	0.0663348	0.393136	-2.54365	0.0451664	0.352795	-2.8345	0.988363	1.00663	1.00663	0.0030437	0.158747	-6.29933
cg09643544	ZNF177;ZNF177	0.029006	0.0173408	0.581926	-1.71843	0.778529	0.948685	-1.05409	0.134461	0.739686	-1.35193	0.0799656	0.695599	-1.43761	0.257657	0.801955	-1.24695
cg06838940	ZNF18	0.000383875	0.000400194	0.446196	-2.24117	0.278306	0.850842	-1.17531	0.00424436	0.577889	-1.73044	0.832247	1.03086	1.03086	0.00186151	0.531197	-1.88254
cg23596567	ZNF18	0.00134477	0.000312386	0.248738	-4.0203	0.00394022	0.397252	-2.51729	0.176858	0.710575	-1.40731	0.0156276	0.493866	-2.02484	0.000319999	0.249983	-4.00027
cg11953916	ZNF18	0.0075201	0.577433	1.0713	1.0713	0.00771897	1.52015	1.52015	0.0552604	1.3046	1.3046	0.572005	1.07238	1.07238	0.605902	1.06576	1.06576
cg26915779	ZNF18	0.012163	0.763993	1.07497	1.07497	0.00591499	0.42129	-2.37366	0.00198098	0.350287	-2.8548	0.297395	0.771547	-1.2961	0.362148	1.25217	1.25217
cg11149073	ZNF18	0.0459337	0.136478	0.795605	-1.25691	0.192134	1.21681	1.21681	0.0490755	1.38154	1.38154	0.609266	1.07543	1.07543	0.546701	1.0899	1.0899
cg25390432	ZNF180	1.03E-05	0.915658	1.01146	1.01146	0.000303919	1.88068	1.88068	0.00125727	0.602418	-1.65998	0.00579506	0.67777	-1.47543	2.79E-05	0.411586	-2.42963
cg21580746	ZNF180	0.011406	0.663913	0.939996	-1.06383	0.137755	0.797544	-1.25385	0.0118194	0.640871	-1.56038	0.791142	1.03828	1.03828	0.359459	0.87515	-1.14266
cg10488637	ZNF180	0.011466	0.00829048	0.549498	-1.81984	0.00226476	2.1335	2.1335	0.486412	1.13366	1.13366	0.530158	1.11942	1.11942	0.429784	1.1537	1.1537
cg23048660	ZNF180	0.0270022	0.61573	0.931249	-1.07383	0.00882079	1.5989	1.5989	0.400718	1.1287	1.1287	0.104244	1.28401	1.28401	0.137803	1.25223	1.25223
cg22587751	ZNF180	0.0426656	0.506006	0.814699	-1.22745	0.973695	0.990036	-1.01006	0.0623825	0.528862	-1.89085	0.228414	0.68119	-1.46802	0.381414	0.761366	-1.31343
cg04514109	ZNF181;ZNF181	0.00454698	0.656734	0.921416	-1.08529	0.124842	0.73786	-1.35527	0.442622	1.15401	1.15401	0.00571284	0.515248	-1.94081	0.936594	1.01466	1.01466
cg02870621	ZNF181;ZNF181	0.00700008	0.60743	1.04674	1.04674	0.0382999	1.23569	1.23569	0.0231673	1.27038	1.27038	0.106298	0.855999	-1.16823	0.144038	1.14839	1.14839
cg19314403	ZNF181;ZNF181	0.0077772	0.00467111	0.626423	-1.59637	0.0568657	1.30736	1.30736	0.748014	0.960709	-1.0409	0.0172169	1.43466	1.43466	0.076567	1.27759	1.27759
cg08827079	ZNF181;ZNF181	0.0132168	0.751798	0.969653	-1.0313	0.441776	1.07916	1.07916	0.437217	1.08001	1.08001	0.0220476	1.30564	1.30564	0.0101545	0.729865	-1.37012
cg15085454	ZNF181;ZNF181	0.0189738	0.774688	0.823536	-1.21428	0.0105344	0.113375	-8.82025	0.0589453	0.236262	-4.23258	0.26305	2.20193	2.20193	0.588826	0.691304	-1.44654
cg03067599	ZNF181;ZNF181	0.0310396	0.00391056	0.216277	-4.62371	0.0765907	2.17396	2.17396	0.320044	1.49944	1.49944	0.7404	0.877143	-1.14007	0.0707928	0.451167	-2.21647
cg23404366	ZNF181;ZNF181	0.0429213	0.103196	0.674739	-1.48205	0.0666156	0.635104	-1.57455	0.361127	0.812851	-1.23024	0.482746	1.17053	1.17053	0.028393	1.77012	1.77012
cg07096032	ZNF181;ZNF181;ZNF181;ZNF181	0.0078215	0.887552	1.01714	1.01714	0.00153805	1.7285	1.7285	0.401282	1.10868	1.10868	0.111632	1.23131	1.23131	0.00300825	0.61353	-1.62991
cg07690098	ZNF181;ZNF181;ZNF181;ZNF181	0.0100346	0.712431	1.09185	1.09185	0.804957	1.06049	1.06049	0.0773102	0.627413	-1.59385	0.112493	0.663571	-1.507	0.230049	1.34838	1.34838
cg13138625	ZNF182;ZNF182	0.000202778	0.359388	0.864385	-1.15689	0.898628	1.01991	1.01991	0.000630045	0.443717	-2.25369	0.00244809	1.91919	1.91919	1.33E-05	0.243846	-4.10095
cg07427073	ZNF182;ZNF182	0.000482029	0.124166	1.41403	1.41403	0.248049	0.777807	-1.28567	0.00112797	0.368868	-2.711	0.203827	0.756487	-1.3219	1.56E-05	0.156022	-6.40934
cg12287800	ZNF182;ZNF182	0.00569153	0.813361	1.07863	1.07863	0.013329	0.374867	-2.66761	0.0392552	0.466096	-2.14548	0.0433069	0.475289	-2.10398	0.000630519	0.186134	-5.37248
cg03332623	ZNF184	0.000361465	0.00380272	0.256113	-3.90452	0.00234061	0.227106	-4.40322	0.00104563	0.183964	-5.43586	0.0240089	0.390818	-2.55874	0.000157614	0.10479	-9.54286
cg27180492	ZNF184	0.00425705	0.0255371	0.226946	-4.40634	0.355255	0.58773	-1.70146	0.183968	0.45487	-2.19843	0.0268955	0.231101	-4.32711	0.00108179	0.0674253	-14.8312
cg02537106	ZNF184	0.0157999	0.523733	1.08603	1.08603	0.00348764	0.602759	-1.65904	0.198531	0.840685	-1.18951	0.679311	1.05453	1.05453	0.647194	1.06062	1.06062
cg01371258	ZNF184;ZNF184	0.0394594	0.310107	1.24424	1.24424	0.527832	1.14235	1.14235	0.337573	0.814077	-1.22838	0.0344384	0.59855	-1.6707	0.0245663	1.74572	1.74572
cg14338025	ZNF185	0.00598885	0.000916137	0.528473	-1.89225	0.0505378	0.750635	-1.33221	0.0347493	0.72848	-1.37272	0.945639	0.991261	-1.00882	0.817969	1.03012	1.03012
cg21992771	ZNF185	0.00703157	0.0328927	0.164998	-6.06068	0.0294409	0.15696	-6.37106	0.0222248	0.1382	-7.2359	0.199866	0.376104	-2.65884	0.0155966	0.117521	-8.50909
cg25560327	ZNF185	0.0145451	0.182314	0.544319	-1.83716	0.00181216	0.14872	-6.72406	0.976826	1.01256	1.01256	0.0111236	3.92615	3.92615	0.105511	0.467715	-2.13805
cg09738064	ZNF185	0.0154386	0.0424175	0.296252	-3.3755	0.411942	0.646184	-1.54755	0.0479952	0.308321	-3.24337	0.0950099	0.384834	-2.59852	0.00591885	0.15352	-6.51382
cg14368852	ZNF185	0.0162123	0.0514752	0.299818	-3.33536	0.499768	0.689213	-1.45093	0.0335378	0.259435	-3.85453	0.0331791	0.258492	-3.86859	0.0118374	0.181328	-5.51486
cg11426662	ZNF185	0.0317482	0.154292	0.388742	-2.5724	0.0644722	0.276104	-3.62182	0.377611	1.75231	1.75231	0.841138	1.13241	1.13241	0.456095	0.624806	-1.6005
cg23392495	ZNF185	0.0324734	0.732613	1.14402	1.14402	0.39825	0.712253	-1.404	0.0540832	0.424116	-2.35784	0.0902023	0.48067	-2.08043	0.00120325	0.155537	-6.42936
cg09849772	ZNF185	0.0364374	0.0229766	0.168782	-5.92482	0.0857429	0.288737	-3.46336	0.0478952	0.227756	-4.39066	0.279016	0.478914	-2.08806	0.0266375	0.179342	-5.57595
cg11019890	ZNF185	0.0424396	0.902015	1.05694	1.05694	0.0649672	0.393847	-2.53906	0.145764	0.495475	-2.01827	0.0306308	0.319186	-3.13297	0.00303732	0.161048	-6.20935
cg02035698	ZNF185	0.0474194	0.0229332	0.0941765	-10.6184	0.802996	1.24238	1.24238	0.0872439	0.19409	-5.15226	0.244655	0.34759	-2.87695	0.134912	0.246752	-4.05265
cg01022618	ZNF185	0.0476695	0.0222407	0.250311	-3.99502	0.167647	0.47553	-2.10292	0.448137	0.676572	-1.47804	0.800786	1.13632	1.13632	0.964299	1.02288	1.02288
cg22848013	ZNF185	0.0497699	0.00227931	0.132392	-7.55332	0.495115	0.720179	-1.38854	0.461446	0.700978	-1.42658	0.965657	0.979804	-1.02061	0.0265546	0.287704	-3.4758
cg25486506	ZNF187;ZNF187;ZNF187	2.24E-05	0.317967	1.12508	1.12508	0.0541506	0.779165	-1.28342	4.84E-07	0.199512	-5.01222	0.100202	1.22831	1.22831	0.315726	0.888308	-1.12574
cg27347106	ZNF187;ZNF187;ZNF187	0.00565373	0.0044745	0.603588	-1.65676	0.000244524	2.242	2.242	0.474025	1.10183	1.10183	0.801866	1.03405	1.03405	0.114769	1.25662	1.25662
cg04861640	ZNF187;ZNF187;ZNF187	0.0194519	0.0273691	0.314956	-3.17505	0.26813	0.600162	-1.66622	0.994511	0.99696	-1.00305	0.441953	0.706782	-1.41486	0.00411414	0.182041	-5.49327

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14774371	0.143245	0.64731	-1.54485	0.434015	1.24697	1.24697	0.315954	0.750765	-1.33198	0.712144	0.902608	-1.1079	3.4535	4.18113	1.07617	1
cg24296250	0.00807822	0.608225	-1.64413	0.651104	1.06627	1.06627	0.625324	0.932971	-1.07184	0.198509	0.8245	-1.21286	13.1168	4.03236	0.239105	1
cg05255728	0.00033749	0.510233	-1.95989	0.465534	0.91715	-1.09033	0.105633	0.813957	-1.22857	0.0655674	0.786113	-1.27208	15.3565	3.29806	0.190903	1
cg02224416	0.622841	0.925977	-1.07994	0.4246	1.13486	1.13486	0.0013062	0.483781	-2.06705	0.175609	0.799771	-1.25036	7.60868	2.90027	0.338826	1
cg19142319	0.670739	1.09379	1.09379	0.00183475	2.52895	2.52895	0.000685894	2.96548	2.96548	0.0154561	1.86422	1.86422	7.41909	5.16387	0.618689	1
cg24802771	0.0225425	1.81241	1.81241	0.153434	0.71697	-1.39476	0.0196933	1.84635	1.84635	0.136218	1.41832	1.41832	3.52369	2.64423	0.667035	1
cg08370882	0.127995	0.715256	-1.3981	6.82E-05	0.226768	-4.40979	0.289176	0.79926	-1.25116	0.000384094	0.315327	-3.17131	15.2226	9.99958	0.583902	1
cg27139943	0.0472639	0.557939	-1.79231	5.54E-05	0.145432	-6.87607	0.884011	1.03824	1.03824	0.0104784	0.436863	-2.28905	12.3035	12.8753	0.930202	1
cg02776375	0.223028	1.32201	1.32201	0.238717	0.764116	-1.3087	0.0175873	1.87729	1.87729	0.195637	0.742016	-1.34768	8.27838	6.2323	0.669191	1
cg11667823	0.5374	0.929333	-1.07604	0.000707017	1.83246	1.83246	0.721353	1.04292	1.04292	0.998891	1.00016	1.00016	8.13531	1.77449	0.193886	1
cg24707432	0.0544826	0.561995	-1.77938	0.0733206	1.69462	1.69462	0.26498	1.35913	1.35913	0.00882359	0.41451	-2.41248	4.59566	5.07779	0.982142	1
cg04104609	0.0740111	0.954272	-1.04792	1.36E-05	0.807464	-1.23844	0.00134649	0.896296	-1.1157	0.00284717	0.907965	-1.10136	20.3999	0.178543	0.00777965	1
cg22207171	0.089722	0.937707	-1.06643	0.00023566	1.23315	1.23315	0.00063736	1.19762	1.19762	0.00160653	1.16832	1.16832	19.2243	0.359939	0.0166428	1
cg27170298	0.239778	0.603397	-1.65728	0.752168	1.13885	1.13885	0.609709	1.23528	1.23528	0.169014	1.82467	1.82467	9.36706	24.9877	2.37121	1
cg23561806	0.581019	1.1476	1.1476	0.0096177	0.445083	-2.24677	0.350554	1.26782	1.26782	0.652839	1.11832	1.11832	5.41893	5.23492	0.858705	1
cg21949229	0.901525	0.972054	-1.02875	0.0616658	1.61921	1.61921	0.568236	1.14118	1.14118	0.612545	1.12405	1.12405	4.46738	3.70945	0.738082	1
cg12224045	0.0886012	1.89326	1.89326	0.0868772	1.90121	1.90121	0.734406	0.890733	-1.12267	0.584152	1.20661	1.20661	3.63713	6.65086	1.62542	1
cg03668763	0.553414	1.29203	1.29203	0.581144	1.26889	1.26889	0.0113559	3.87478	3.87478	0.223881	0.579218	-1.72647	3.43297	9.93015	2.57118	1
cg02358804	0.00514697	0.357553	-2.79679	0.00269451	0.315317	-3.17142	0.0293916	2.04242	2.04242	0.66482	1.12901	1.12901	6.66435	8.17787	1.09076	1
cg19824661	0.48757	0.896731	-1.11516	0.0133675	1.60569	1.60569	0.483671	0.895826	-1.11629	0.798866	1.04025	1.04025	4.96933	1.87986	0.336259	1
cg17733590	0.0740336	0.491156	-2.03601	0.00349045	0.242846	-4.11784	0.556032	0.808435	-1.23696	0.0780659	0.497	-2.01207	4.56709	9.22476	1.79541	1
cg01073988	0.0771049	0.677263	-1.47653	0.763786	0.941996	-1.06158	0.206909	1.302	1.302	0.00697248	0.500584	-1.99767	3.55962	2.21608	0.553387	1
cg08114521	0.0144039	0.750435	-1.33256	0.000843503	0.620124	-1.61258	0.0021128	1.50896	1.50896	0.421939	1.08122	1.08122	9.55026	1.37047	0.127556	1
cg08652300	0.198036	1.37625	1.37625	1.85E-06	0.0618009	-16.181	0.589899	0.880088	-1.13625	0.194433	0.724526	-1.38021	19.7161	17.2073	0.775783	1
cg18266400	0.000362113	0.347367	-2.8788	0.807167	1.04626	1.04626	0.821122	0.958984	-1.04277	0.118419	0.730892	-1.36819	6.97957	3.78048	0.481467	1
cg15580157	0.200994	0.891078	-1.12224	0.0736646	1.18563	1.18563	0.184108	0.886642	-1.12785	0.0818679	0.848199	-1.17897	4.24001	0.489658	0.102653	1
cg18107105	0.235028	0.81111	-1.23288	0.0064568	0.551174	-1.81431	0.0263624	0.64212	-1.55734	0.189215	0.791411	-1.26357	3.98103	1.78382	0.398294	1
cg01289769	0.544111	0.809447	-1.23541	0.65977	0.858525	-1.16479	0.318614	1.42605	1.42605	0.563969	0.818046	-1.22242	3.43632	6.45221	1.66902	1
cg27324426	0.118225	0.65584	-1.52476	0.143405	0.676355	-1.47851	0.00485134	2.53182	2.53182	0.114459	1.53259	1.53259	12.9176	12.6536	0.870718	1
cg01268824	0.657411	1.15216	1.15216	0.0131186	0.376759	-2.65422	0.00210499	3.94477	3.94477	0.792476	1.08727	1.08727	12.3493	19.6943	1.41757	1
cg11294513	0.405599	0.856967	-1.16691	0.387881	0.851678	-1.17415	0.603909	0.909424	-1.0996	0.0398524	1.53882	1.53882	6.90828	3.60058	0.463287	1
cg03234186	0.241774	0.730017	-1.36983	0.00641765	0.402253	-2.486	0.186222	0.697721	-1.43324	0.298668	0.758299	-1.31874	4.60091	4.80688	0.92868	1
cg08668790	0.0451511	1.70864	1.70864	0.00576251	0.430283	-2.32405	0.0993816	0.656395	-1.52347	0.573084	1.14192	1.14192	4.40356	3.78869	0.764773	1
cg26855136	0.46806	0.785753	-1.27266	0.0521404	0.486075	-2.05729	0.643844	1.1642	1.1642	0.058231	0.497092	-2.0117	3.5499	5.9958	1.50134	1
cg05661282	0.371432	1.27762	1.27762	0.000199658	0.18876	-5.29773	0.410181	1.25213	1.25213	0.336442	1.30289	1.30289	9.38511	10.5933	1.00332	1
cg27049766	0.0376711	0.481721	-2.07589	0.948293	0.980544	-1.01984	0.659652	0.874361	-1.14369	0.397137	1.3004	1.3004	5.24692	7.62668	1.29205	1
cg02315483	0.00184983	4.08285	4.08285	0.0173446	2.51508	2.51508	0.0265557	2.309	2.309	0.961804	1.01536	1.01536	12.6944	20.3691	1.42629	1
cg07058902	0.110028	1.13273	1.13273	0.0209989	0.819828	-1.21977	0.110438	1.13254	1.13254	0.019678	1.22335	1.22335	11.8743	0.962733	0.0720685	1
cg10590767	0.017647	0.611792	-1.63454	0.0965633	0.733046	-1.36417	0.902033	0.979256	-1.02118	0.559915	0.904526	-1.10555	5.74639	2.63698	0.407905	1
cg20451226	0.221527	0.735703	-1.35924	0.0110754	2.14026	2.14026	0.112286	1.51133	1.51133	0.140206	1.4609	1.4609	5.08407	4.59406	0.803217	1
cg24413068	0.185953	0.605849	-1.65058	0.00427798	0.255214	-3.91828	0.133207	0.56054	-1.78399	0.093877	0.517739	-1.93148	4.07349	8.23822	1.79769	1
cg00586014	0.0725431	1.2825	1.2825	0.00265742	1.67556	1.67556	0.682826	0.950262	-1.05234	0.829503	1.02714	1.02714	17.4179	4.25408	0.217099	1
cg17215052	0.0525766	1.46994	1.46994	0.02874	1.56972	1.56972	0.0341451	1.5405	1.5405	0.0441038	0.667449	-1.49824	17.3736	8.40683	0.430121	1
cg16233679	0.0235571	1.87964	1.87964	0.083462	0.639458	-1.56382	0.208868	1.36227	1.36227	0.0302636	0.551854	-1.81207	8.81664	7.60485	0.766717	1
cg18777711	0.0869223	1.37078	1.37078	0.00263564	2.00242	2.00242	0.288499	1.2018	1.2018	0.92062	0.983509	-1.01677	6.30212	2.77768	0.391781	1
cg01279057	0.368745	1.27958	1.27958	0.0554875	1.78533	1.78533	0.576591	1.16258	1.16258	0.98382	0.994599	-1.00543	4.36694	4.93233	1.00397	1
cg13577231	0.0331192	0.785341	-1.27333	0.138536	1.16729	1.16729	0.0623156	0.815844	-1.22573	1.78E-05	0.427052	-2.34163	19.3989	2.89082	0.132462	1
ch.19.1746747F	0.822461	1.02006	1.02006	0.7427	0.971301	-1.02955	0.427165	1.07429	1.07429	0.0904724	0.84799	-1.17926	5.85729	0.72481	0.109996	1
cg08470053	0.073337	1.84122	1.84122	0.39379	1.30608	1.30608	0.0200326	0.424054	-2.35819	0.0403458	0.484814	-2.06265	4.57935	6.77781	1.31563	1
cg05802745	0.396384	0.881668	-1.13421	0.703445	1.05703	1.05703	0.0744598	0.749624	-1.334	1.95E-06	0.181269	-5.51666	42.9523	14.3045	0.296029	1
cg14529173	0.0581989	0.827032	-1.20914	0.398416	0.926169	-1.07972	0.937828	0.993104	-1.00694	5.64E-05	1.94202	1.94202	11.0908	1.38238	0.110793	1
cg17670868	0.056214	0.5773	-1.7322	0.000166546	0.196064	-5.10038	0.63674	1.12847	1.12847	0.0389272	0.544776	-1.83562	10.8583	11.1015	0.908803	1
cg12334811	0.163604	0.457978	-2.18351	0.000571836	0.0607112	-16.4714	0.380764	0.623598	-1.6036	0.00789512	0.166969	-5.98912	8.01824	35.0398	3.88446	1
cg21574204	0.185913	0.632189	-1.58181	0.00132057	0.217049	-4.60725	0.541873	0.817183	-1.22372	0.642798	0.858379	-1.16499	6.53573	9.83634	1.50501	1
cg03415429	0.135668	1.36887	1.36887	0.0157719	0.561254	-1.78173	0.0778185	0.682052	-1.46616	0.757789	1.06226	1.06226	3.97459	2.39978	0.536693	1
cg23485639	0.315981	0.401001	-2.49376	0.00354425	0.0306935	-32.5802	0.880484	0.875805	-1.14181	0.0263251	0.0980733	-10.1965	3.43025	42.2047	10.9366	1
cg05261824	0.0197422	0.328195	-3.04697	0.000103139	0.0659548	-15.1619	0.642771	1.20302	1.20302	0.00336439	0.206284	-4.84769	13.4993	33.4784	2.20444	1
cg06792262	0.00383164	3.11554	3.11554	7.11E-05	8.26167	8.26167	0.0199283	2.26843	2.26843	0.0837706	1.74699	1.74699	9.37859	12.624	1.19649	1
cg22502448	0.496698	1.20081	1.20081	9.77E-05	6.27116	6.27116	0.207447	1.42262	1.42262	0.627509	1.13845	1.13845	7.68187	8.55507	0.989929	1
cg13507091	0.0179582	0.833193	-1.2002	0.213886	0.9203	-1.0866	0.00552433	0.793394	-1.26041	0.00548217	0.793133	-1.26082	7.47322	0.476695	0.0566996	1
cg05470468	0.0131603	0.571029	-1.75123	0.00151437	2.29957	2.29957	0.161357	0.761381	-1.3134	0.245934	0.801575	-1.24754	4.86479	2.5596	0.467687	1
cg06945690	0.577381	1.15785	1.15785	0.076498	0.598674	-1.67036	0.0222154	2.04148	2.04148	0.571699	0.861742	-1.16044	4.33686	4.65613	0.954327	1
cg10265740	0.0263374	2.4186	2.4186	0.380977	1.35159	1.35159	0.0706736	1.9684	1.9684	0.102221	1.82145	1.82145	3.95785	7.04626	1.58251	1
cg16773873	0.0150623	1.35498	1.35498	0.010161	1.39046	1.39046	0.681385	0.958891	-1.04287	0.853782	0.981415	-1.01894	3.81352	0.624494	0.145563	1
cg02864626	0.818522	0.973355	-1.02737	0.00269523	1.62778	1.62778	0.0271957	0.735518	-1.35959	0.335818	0.889922	-1.12369	20.5	4.48311	0.19439	1
cg03795847	0.529644	0.757271	-1.32053	0.00465224	5.17324	5.17324	0.0128832	3.85083	3.85083	0.235031	1.72196	1.72196	4.56339	13.7794	2.68406	1
cg13212382	0.830762	0.957645	-1.04423	0.000904193	0.366416	-2.72914	0.130831	0.719002	-1.39082	0.703763	0.925658	-1.08031	4.47361	2.89703	0.575628	1
cg05668318	0.270784	0.786985	-1.27067	0.125924	1.41335	1.41335	0.395996	0.833932	-1.19914	0.00644483	0.477027	-2.09632	4.35137	3.0081	0.614488	1
cg06566994	0.684613	1.25066	1.25066	0.0596516	3.20328	3.20328	0.0290257	4.09412	4.09412	0.255196	1.91682	1.91682	3.81239	18.1148	4.22362	1
cg25805709	0.00917176	0.467095	-2.14089	0.149388	1.42711	1.42711	0.163874	1.40746	1.40746	0.00636836	0.44179	-2.26352	4.6051	3.86035	0.745134	1
cg14220634	0.000115734	0.4885	-2.04708	3.61E-05	0.430014	-2.32551	0.437594	1.08756	1.08756	0.00443095	0.668615	-1.49563	25.0927	4.4657	0.158194	1
cg14032959	0.248378	0.652553	-1.53244	0.000255327	0.118738	-8.42189	0.973111	0.988147	-1.01199	0.0203895	0.37202	-2.68803	7.96129	15.7792	1.76177	1
cg15264273	0.085785	1.64028	1.64028	0.818591	0.941882	-1.0617	0.612421	0.875334	-1.14242	0.167683	0.681634	-1.46706	6.06736	6.52711	0.956244	1
cg18978193	0.00719346	0.615143	-1.62564	0.142981	0.802132	-1.24668	0.885395	0.980004	-1.0204	0.216186	1.19995	1.19995	5.62813	1.74842	0.27614	1
cg13980266	0.0364335	0.141015	-7.09146	0.00431683	0.0462561	-21.6188	0.432676	1.90603	1.90603	0.0321872	0.132515	-7.54629	5.2241	53.6908	9.13558	1
cg03704393	0.282293	1.84498	1.84498	0.00419668	0.122185	-8.18433	0.537091	1.40861	1.40861	0.150676	0.429828	-2.32651	4.54339	21.6229	4.23041	1
cg13734177	0.00475399	0.706188	-1.41605	0.000904006	0.630831	-1.58521	0.00556788	0.713278	-1.40198	0.144893	0.864783	-1.15636	14.0092	1.91026	0.121206	1
cg26394008	2.96E-05	0.122896	-8.13698	0.500577	1.19148	1.19148	0.306749	1.31146	1.31146	0.00736819	0.412744	-2.42281	13.5607	14.1025	0.924402	1
cg21605646	0.84853	0.961533	-1.04001	0.00135259	0.384899	-2.59809	0.204241	1.31635	1.31635	0.0389259	0.612363	-1.63302	6.06521	4.04289	0.592507	1
cg18697006	0.120796	0.810618	-1.23363	0.00036187	0.48989	-2.04127	0.939583	1.0095	1.0095	0.415408	1.10947	1.10947	7.63392	1.88279	0.21923	1
cg08591761	0.286849	1.35394	1.35394	0.898776	0.965731	-1.03548	0.0277532	0.490286	-2.03963	0.159189	1.51019	1.51019	5.76958	6.85972	1.05684	1
cg00091060	0.00166567	0.230488	-4.33863	0.00426436	0.28715	-3.4825	0.235099	0.666266	-1.5009	0.193672	1.56639	1.56639	4.90413	8.26997	1.49896	1
cg16712729	0.663888	1.08713	1.08713	0.00831585	0.52491	-1.90509	0.0450106	1.55197	1.55197	0.527847	1.12999	1.12999	4.38943	2.538	0.513962	1
cg16713690	0.219345	1.18207	1.18207	0.834948	1.02739	1.02739	0.0611257	0.760892	-1.31425	0.0633417	1.31048	1.31048	4.15571	1.10366	0.236068	1
cg00903154	0.145145	0.844877	-1.1836	6.16E-05	2.21724	2.21724	0.0126136	0.715945	-1.39676	0.54421	0.936007	-1.06837	14.619	2.68755	0.163414	1
cg04348427	0.328797	1.3238	1.3238	0.0021149	3.3291	3.3291	0.510052	1.20439	1.20439	0.161806	1.51553	1.51553	5.6775	6.96471	1.09042	1
cg06733971	0.249412	1.304	1.304	0.204086	0.744133	-1.34385	0.69532	0.91687	-1.09067	0.890419	1.03086	1.03086	3.54938	2.73317	0.684482	1
cg25824543	0.0120538	1.84179	1.84179	0.0517676	0.649342	-1.54002	0.867841	1.03302	1.03302	0.0539092	1.53248	1.53248	16.9676	10.2262	0.535726	1
cg18379413	0.00697589	0.615514	-1.62466	0.997056	1.00051	1.00051	0.621116	1.07174	1.07174	0.0173491	1.49619	1.49619	12.2716	3.75833	0.272233	1
cg01382982	0.00494072	0.172458	-5.7985	0.251781	0.568219	-1.75989	0.173109	0.504389	-1.9826	0.945291	0.968119	-1.03293	6.4297	20.1763	3.13798	1
cg17592734	0.369981	1.08283	1.08283	0.323619	0.915655	-1.09211	0.774227	1.02517	1.02517	0.0321915	1.24215	1.24215	4.7734	0.564797	0.105175	1
cg05250458	1.71E-05	0.43638	-2.29158	8.76E-06	0.403383	-2.47903	5.88E-05	0.496726	-2.01318	0.372791	1.08988	1.08988	48.2716	6.76453	0.124564	1
cg05928342	6.65E-06	0.389202	-2.56936	0.879588	1.01439	1.01439	0.0741056	0.828987	-1.20629	0.109828	0.848531	-1.17851	22.1733	3.11829	0.125007	1
cg07788092	0.00355818	0.621848	-1.60811	0.00163776	0.581318	-1.72023	0.0385163	0.749522	-1.33418	0.692124	0.953258	-1.04903	9.29388	2.12937	0.203658	1
cg09492640	0.0565283	0.420224	-2.37968	0.000744051	0.127954	-7.81529	0.131284	0.51982	-1.92374	0.0177128	0.314022	-3.18449	6.8272	17.438	2.27039	1
cg14737994	0.939956	0.972344	-1.02844	0.00339849	0.227083	-4.40368	0.00439956	0.242784	-4.11888	0.225572	0.622629	-1.60609	6.59702	14.4813	1.95122	1
cg09578475	0.959126	0.988693	-1.01144	0.00831724	0.473119	-2.11363	0.821171	0.951008	-1.05152	0.00736549	0.464741	-2.15174	4.84992	3.78129	0.69303	1
cg19275200	0.130052	0.258972	-3.86141	0.0148974	0.0842393	-11.8709	0.021301	0.101619	-9.84066	0.0279719	0.117044	-8.54382	3.94444	42.6415	9.60936	1
cg14323854	0.590006	0.781449	-1.27967	0.122773	0.468581	-2.1341	0.0480995	0.359099	-2.78475	0.0456247	0.353799	-2.82646	3.48129	11.3315	2.89331	1
cg09643544	0.00540523	0.504535	-1.98202	0.00643343	0.515736	-1.93897	0.0176767	0.583253	-1.71452	0.278468	0.81014	-1.23436	4.13593	2.28663	0.491439	1
cg06838940	0.00100459	0.496777	-2.01298	0.00214291	1.8549	1.8549	0.00238516	0.54515	-1.83436	0.00123768	0.508374	-1.96706	15.3735	4.9989	0.289033	1
cg23596567	0.044305	0.577032	-1.733	0.000721485	0.293902	-3.4025	0.0138941	0.485098	-2.06144	0.0115227	0.471362	-2.12151	10.8137	9.70256	0.797556	1
cg11953916	0.503234	0.920231	-1.08668	0.00170948	1.72977	1.72977	0.00745598	0.655981	-1.52443	0.0533229	1.30815	1.30815	6.46858	1.53405	0.210803	1
cg26915779	0.0412671	0.568236	-1.75983	0.559894	1.15204	1.15204	0.485792	0.843633	-1.18535	0.00696441	0.432523	-2.31202	5.54914	5.06571	0.811451	1
cg11149073	0.0697024	1.33756	1.33756	0.00383141	1.78014	1.78014	0.853642	1.02636	1.02636	0.0543913	1.36848	1.36848	3.80565	1.17123	0.239368	1
cg25390432	3.28E-05	0.419819	-2.38198	2.05E-06	0.283928	-3.52203	0.22467	1.14711	1.14711	0.000370831	0.541681	-1.84611	40.2882	7.38893	0.163024	1
cg21580746	0.154508	1.24074	1.24074	0.00161145	1.8966	1.8966	0.0657759	1.3394	1.3394	0.0924394	1.29967	1.29967	5.66588	1.79767	0.282026	1
cg10488637	0.414838	0.862553	-1.15935	0.474975	1.13755	1.13755	0.0678119	1.43747	1.43747	0.0110779	1.7596	1.7596	5.65627	2.81903	0.443014	1
cg23048660	0.501448	0.908436	-1.10079	0.36954	1.1385	1.1385	0.00644791	1.64643	1.64643	0.00732762	1.62675	1.62675	4.24154	1.33081	0.278895	1
cg22587751	0.314673	1.37131	1.37131	0.0122579	0.387704	-2.57929	0.0182399	2.3876	2.3876	0.234103	1.46055	1.46055	3.59628	5.25316	1.29842	1
cg04514109	0.946746	0.987852	-1.0123	9.57E-05	0.28063	-3.56341	0.950153	1.0115	1.0115	0.140954	0.748461	-1.33607	7.55387	4.00535	0.471323	1
cg02870621	0.0104018	1.32901	1.32901	0.0239637	0.788639	-1.26801	0.00641799	0.731562	-1.36694	0.189241	1.13043	1.13043	6.61509	0.814222	0.109409	1
cg19314403	0.00421487	1.61048	1.61048	0.0159519	1.44335	1.44335	0.486679	1.09187	1.09187	0.459849	1.0981	1.0981	6.40073	1.56771	0.217712	1
cg08827079	0.447186	1.07815	1.07815	0.00185028	0.650995	-1.53611	0.163217	0.865415	-1.15551	0.652183	1.04505	1.04505	5.40087	0.806911	0.132803	1
cg15085454	0.00121456	0.040607	-24.6263	0.449229	0.593545	-1.68479	0.243051	2.28505	2.28505	0.937911	1.05411	1.05411	4.78929	34.7113	6.4424	1
cg03067599	0.173072	0.56464	-1.77104	0.711874	1.15749	1.15749	0.101565	2.02728	2.02728	0.295073	1.53434	1.53434	4.03759	9.93909	2.18812	1
cg23404366	0.0946272	0.666644	-1.50005	0.0368357	1.70783	1.70783	0.133653	0.699724	-1.42913	0.478065	0.852826	-1.17257	3.58829	2.76867	0.685853	1
cg07096032	0.923658	0.988556	-1.01158	0.0244947	0.724841	-1.37961	0.560389	1.07326	1.07326	0.741796	1.0405	1.0405	6.38932	1.45934	0.203025	1
cg07690098	0.000290407	0.245934	-4.06613	0.929885	1.02111	1.02111	0.0435375	0.576421	-1.73484	0.432765	1.20928	1.20928	5.9041	5.26829	0.793165	1
cg13138625	0.687082	0.939296	-1.06463	0.00821101	1.68703	1.68703	0.497502	1.1124	1.1124	0.62986	1.07799	1.07799	18.3026	6.93276	0.336699	1
cg07427073	0.313991	1.24195	1.24195	0.0338721	1.67438	1.67438	0.678303	0.916867	-1.09067	0.555252	1.1322	1.1322	14.4363	9.89978	0.609561	1
cg12287800	0.10409	0.566267	-1.76595	0.00214743	0.251726	-3.97258	0.360283	0.740086	-1.35119	0.00519987	0.307212	-3.25509	7.05296	11.4402	1.44181	1
cg03332623	0.000308464	0.129539	-7.71967	0.000124354	0.0968812	-10.3219	0.00140047	0.198911	-5.02737	0.00225943	0.225088	-4.4427	15.6301	30.1458	1.71439	1
cg27180492	0.0136762	0.181899	-5.49755	0.000473531	0.0464992	-21.5058	0.00452365	0.120705	-8.28463	0.0353312	0.254171	-3.93436	7.7062	38.1232	4.3974	1
cg02537106	0.447842	1.10384	1.10384	0.00296647	0.594033	-1.68341	0.0578904	1.31499	1.31499	0.693386	0.950651	-1.05191	5.09225	1.31552	0.229634	1
cg01371258	0.0166603	0.544319	-1.83716	0.0562195	0.6377	-1.56814	0.93283	1.01769	1.01769	0.506866	0.869261	-1.1504	3.70162	2.53794	0.609447	1
cg14338025	0.00514908	0.621539	-1.60891	0.0460148	1.34223	1.34223	0.599127	0.934003	-1.07066	0.102321	1.25876	1.25876	6.94314	1.82189	0.233246	1
cg21992771	0.0362921	0.172457	-5.79853	0.00039842	0.0170866	-58.5252	0.00620481	0.0760336	-13.1521	0.0175278	0.124002	-8.06439	6.60584	54.5476	7.33998	1
cg25560327	0.0250209	0.317992	-3.14473	0.471799	0.730148	-1.36959	0.701691	1.17984	1.17984	0.870786	1.07246	1.07246	5.23365	15.3048	2.59938	1
cg09738064	0.0307421	0.266914	-3.74653	0.00148576	0.0920378	-10.8651	0.294978	0.56817	-1.76004	0.0102055	0.185278	-5.39729	5.13149	22.0195	3.81426	1
cg14368852	0.0438929	0.284125	-3.51957	0.00117916	0.0753525	-13.271	0.293852	0.553442	-1.80688	0.015234	0.198035	-5.04962	5.0488	23.6058	4.15603	1
cg11426662	0.00106797	0.0499939	-20.0024	0.478671	1.56247	1.56247	0.205977	0.437529	-2.28557	0.54923	1.45569	1.45569	4.00518	24.3525	5.40467	1
cg23392495	0.258258	1.58851	1.58851	0.551018	0.789258	-1.26701	0.473728	1.33091	1.33091	0.873835	0.93956	-1.06433	3.97292	9.68492	2.16687	1
cg09849772	0.0782278	0.278093	-3.59592	0.00414895	0.0809679	-12.3506	0.0269371	0.180165	-5.55048	0.0828367	0.284685	-3.51266	3.81107	25.8264	6.02371	1
cg11019890	0.25773	1.7007	1.7007	0.639943	1.23595	1.23595	0.79715	1.12279	1.12279	0.61639	0.796834	-1.25497	3.60338	11.5378	2.84616	1
cg02035698	0.128505	0.240151	-4.16404	0.00372326	0.0333112	-30.0199	0.0249224	0.0985472	-10.1474	0.348965	0.432934	-2.30982	3.45682	41.2728	10.6129	1
cg01022618	0.0504091	0.323972	-3.08668	0.00604484	0.16326	-6.12521	0.0266436	0.265077	-3.77248	0.0783066	0.372117	-2.68732	3.44996	13.9579	3.59627	1
cg22848013	0.500231	0.723066	-1.383	0.996762	1.00192	1.00192	0.737838	1.17255	1.17255	0.0350899	0.312426	-3.20075	3.39408	12.0705	3.16119	1
cg25486506	0.000213478	0.493565	-2.02607	0.000205851	0.491705	-2.03374	0.802284	0.971761	-1.02906	0.00197364	0.607031	-1.64736	32.8963	6.79163	0.183516	1
cg27347106	0.812344	0.968822	-1.03218	0.747727	1.04392	1.04392	0.296742	1.15498	1.15498	0.659542	1.06082	1.06082	7.06743	1.98545	0.249716	1
cg04861640	0.225395	0.569183	-1.7569	0.0343612	0.335386	-2.98164	0.00142135	0.129592	-7.71652	0.480196	0.727853	-1.3739	4.74913	14.7361	2.75813	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10812348	ZNF187;ZNF187;ZNF187	0.032355	0.00165512	0.428752	-2.33235	0.316114	0.822869	-1.21526	0.780659	1.05391	1.05391	0.600384	0.905358	-1.10454	0.00834952	0.53046	-1.88516
cg19217872	ZNF187;ZNF187;ZNF187;ZNF187;ZNF187;ZNF187	0.00063838	5.75E-05	0.423815	-2.35952	0.0526602	1.28844	1.28844	0.175447	0.847249	-1.18029	0.000774327	0.556907	-1.79563	0.00717563	0.670767	-1.49083
cg01086810	ZNF187;ZNF187;ZNF187;ZNF187;ZNF187;ZNF187	0.00392219	0.395115	0.938394	-1.06565	0.920151	1.00735	1.00735	0.0568266	1.17043	1.17043	0.151809	1.11863	1.11863	0.0469645	0.847032	-1.18059
cg14472753	ZNF189;MRPL50;ZNF189	0.000292898	0.109661	0.682597	-1.46499	0.00117296	2.83718	2.83718	0.767989	0.937281	-1.06692	0.674992	1.09673	1.09673	0.0953886	0.669556	-1.49353
ch.9.1539394R	ZNF189;ZNF189	0.0411062	0.106639	1.68788	1.68788	?	?	?	0.0581981	1.88911	1.88911	?	?	?	?	?	?
cg27659768	ZNF19	2.26E-06	0.240555	0.864144	-1.15721	0.819086	0.973142	-1.0276	0.000525318	0.526163	-1.90055	4.75E-06	0.288114	-3.47085	5.12E-08	0.106739	-9.36864
cg11706111	ZNF19	0.000132134	0.0570168	0.669734	-1.49313	0.000583496	0.371668	-2.69057	0.00118412	0.412617	-2.42355	0.00578188	1.96032	1.96032	7.67E-06	0.160582	-6.22736
cg01899318	ZNF19	0.000965079	0.000111433	0.165518	-6.04163	0.299712	0.752401	-1.32908	0.000582046	0.244645	-4.08756	0.000302626	0.211257	-4.73357	0.230578	0.716829	-1.39503
cg00888605	ZNF19	0.00142846	0.819119	1.04555	1.04555	0.000808523	0.374255	-2.67197	0.00064238	0.361035	-2.76981	0.71777	0.931843	-1.07314	0.0758633	0.680974	-1.46849
cg04311557	ZNF19	0.00312683	0.719381	0.900484	-1.11051	0.008688	2.64234	2.64234	0.466329	0.806237	-1.24033	0.174828	0.657518	-1.52087	0.000188657	0.160477	-6.23143
cg07506795	ZNF19	0.00348444	0.00922038	0.267717	-3.73528	0.00539284	0.232123	-4.30807	0.00241968	0.185626	-5.38717	0.080549	2.16576	2.16576	0.00889449	0.265207	-3.77064
cg26840970	ZNF19	0.00662223	0.205432	1.32488	1.32488	0.248003	0.775435	-1.2896	0.225152	0.764694	-1.30771	0.349462	1.22486	1.22486	0.730734	0.929831	-1.07546
cg00287165	ZNF19	0.0180464	0.542847	0.87235	-1.14633	0.00662437	0.45776	-2.18455	0.637295	0.900059	-1.11104	0.182576	0.730802	-1.36836	0.0363375	0.583036	-1.71516
cg08849717	ZNF19	0.040772	0.137995	0.772995	-1.29367	0.209079	0.807791	-1.23794	0.2045	1.24092	1.24092	0.0161279	0.622137	-1.60736	0.162896	1.27141	1.27141
cg10306247	ZNF192	0.000451907	0.000675957	0.424036	-2.35829	0.000152941	0.342405	-2.92052	0.000636675	0.42065	-2.37727	0.326851	0.846119	-1.18187	0.000113979	0.326899	-3.05905
cg11200743	ZNF192	0.00662624	0.835417	0.935646	-1.06878	0.0363207	0.459263	-2.1774	0.0722761	0.526571	-1.89908	0.176825	0.631894	-1.58254	0.0147595	0.383124	-2.61012
cg22950391	ZNF192	0.0133396	0.978555	1.00379	1.00379	0.244803	0.842524	-1.18691	0.0178609	1.50001	1.50001	0.347428	0.872619	-1.14598	0.0493741	1.37147	1.37147
cg15407162	ZNF193	7.60E-05	0.0760407	1.36505	1.36505	0.173236	0.795784	-1.25662	6.77E-05	0.316805	-3.15651	0.00207506	1.98055	1.98055	9.28E-06	0.220986	-4.52518
cg23743708	ZNF193	0.000591544	0.194079	0.730727	-1.3685	0.72189	0.921635	-1.08503	3.24E-05	0.15806	-6.32671	0.0868989	1.53989	1.53989	0.0184727	0.520742	-1.92034
cg24335868	ZNF193	0.00695774	0.098194	0.780794	-1.28075	0.0204065	0.683011	-1.46411	0.103031	0.784034	-1.27545	0.612369	1.07219	1.07219	0.00149418	0.535455	-1.86757
cg15338675	ZNF193	0.00733656	0.00277953	0.600635	-1.66491	0.0584607	1.30246	1.30246	0.0311031	1.36717	1.36717	0.0563014	1.30623	1.30623	0.31765	0.88014	-1.13618
cg24986572	ZNF193	0.0176219	0.804226	1.02927	1.02927	0.0399427	1.31758	1.31758	0.0091188	1.46925	1.46925	0.62113	1.05957	1.05957	0.00396188	1.5684	1.5684
cg08307580	ZNF193	0.0212027	0.00126511	0.383511	-2.60748	0.624282	1.10579	1.10579	0.646489	1.09864	1.09864	0.200955	0.759473	-1.3167	0.476865	0.863003	-1.15875
cg02073954	ZNF193;ZNF193	0.0164093	0.260782	0.86641	-1.15419	0.161812	1.20039	1.20039	0.127321	0.817426	-1.22335	0.387913	1.11427	1.11427	0.117703	1.23088	1.23088
cg20234817	ZNF195;ZNF195;LOC650368;ZNF195	0.0165328	0.935874	0.974183	-1.0265	0.00391925	0.283092	-3.53242	0.0535566	0.490341	-2.0394	0.943705	0.977306	-1.02322	0.00481405	0.296447	-3.37328
cg09767313	ZNF195;ZNF195;LOC650368;ZNF195	0.0347633	0.267923	1.27353	1.27353	0.0221052	1.7771	1.7771	0.409362	0.837956	-1.19338	0.231726	1.30058	1.30058	0.954182	0.988033	-1.01211
cg17168830	ZNF195;ZNF195;ZNF195	0.0049853	0.5419	1.35127	1.35127	0.000110612	0.0362738	-27.5681	0.067348	2.71693	2.71693	0.782756	1.14427	1.14427	0.763773	1.1583	1.1583
cg00096845	ZNF195;ZNF195;ZNF195	0.0183869	0.739717	0.890165	-1.12339	0.0594275	2.1012	2.1012	0.0101037	3.1035	3.1035	0.828259	1.07876	1.07876	0.123679	0.558853	-1.78938
cg12900931	ZNF195;ZNF195;ZNF195	0.026286	0.0769871	0.808274	-1.2372	0.239631	0.875219	-1.14257	0.657019	1.04956	1.04956	0.110573	0.828446	-1.20708	0.0368099	0.769113	-1.3002
cg12109743	ZNF195;ZNF195;ZNF195	0.0325253	0.426172	0.919515	-1.08753	0.466095	1.0796	1.0796	0.59213	0.945684	-1.05744	0.909629	0.988343	-1.01179	0.184187	0.864618	-1.15658
cg18030105	ZNF195;ZNF195;ZNF195	0.0458652	0.0805591	0.575017	-1.73908	0.00381415	0.328296	-3.04603	0.0270821	0.473735	-2.11088	0.862369	0.951666	-1.05079	0.949907	0.982222	-1.0181
cg18842717	ZNF195;ZNF195;ZNF195;ZNF195;ZNF195;ZNF195	0.00552508	0.125198	1.11089	1.11089	0.0841949	1.12869	1.12869	0.0152935	0.828043	-1.20767	0.997581	0.999808	-1.00019	0.975623	1.00194	1.00194
cg19087119	ZNF195;ZNF195;ZNF195;ZNF195;ZNF195;ZNF195	0.00840918	0.0387693	0.874704	-1.14324	0.315801	0.943631	-1.05974	0.438249	1.04522	1.04522	0.470429	0.959757	-1.04193	0.303429	1.06144	1.06144
cg02310273	ZNF197;ZNF197	5.45E-05	0.433888	1.19238	1.19238	6.45E-05	0.198301	-5.04283	0.0307186	0.571646	-1.74933	4.81E-05	0.185297	-5.39675	1.90E-05	0.147242	-6.79153
cg17215446	ZNF197;ZNF197	0.00888102	0.0450839	0.436141	-2.29284	0.129135	0.553342	-1.8072	0.180937	0.598922	-1.66967	0.46938	0.766719	-1.30426	0.00460931	0.256495	-3.89872
cg22050705	ZNF197;ZNF197	0.00978038	0.183249	1.19785	1.19785	0.590331	1.07195	1.07195	0.642312	1.06162	1.06162	0.322391	0.877494	-1.13961	0.000214482	0.453794	-2.20364
cg24130043	ZNF197;ZNF197	0.0144682	0.0985284	0.777485	-1.2862	0.00109346	1.95264	1.95264	0.0738258	1.31895	1.31895	0.873675	1.02235	1.02235	0.163821	0.813493	-1.22927
cg08070590	ZNF197;ZNF197	0.0194006	0.0606186	1.42628	1.42628	0.00800299	0.565275	-1.76905	0.0218124	0.63001	-1.58728	0.237204	1.23103	1.23103	0.567771	1.10178	1.10178
cg14193678	ZNF197;ZNF197	0.0458797	0.0702697	0.651671	-1.53452	0.677883	0.915401	-1.09242	0.495445	1.15775	1.15775	0.0764073	1.51764	1.51764	0.277494	1.26998	1.26998
cg09831491	ZNF197;ZNF35	0.00953294	0.657611	0.851914	-1.17383	0.82183	1.08442	1.08442	0.899277	0.955521	-1.04655	0.45758	1.31232	1.31232	0.00392254	0.247903	-4.03384
cg04740229	ZNF20	4.60E-05	0.836529	1.03436	1.03436	0.000865315	0.441536	-2.26482	0.000639067	0.424343	-2.35659	0.0128173	1.65769	1.65769	0.000419361	0.400762	-2.49525
cg05599106	ZNF20	0.000781417	0.0211151	0.384375	-2.60163	0.000101524	10.743	10.743	0.0257765	2.49153	2.49153	0.000866209	5.60456	5.60456	0.0162367	2.75538	2.75538
cg02842104	ZNF20	0.00090588	0.00153043	1.51134	1.51134	0.0686641	1.20266	1.20266	0.147703	1.15102	1.15102	0.526439	1.05984	1.05984	0.0171368	0.768678	-1.30093
cg00882322	ZNF20	0.00197172	0.0207	0.490622	-2.03823	0.0793286	0.607805	-1.64526	0.621155	1.13581	1.13581	0.774101	0.929078	-1.07634	3.15E-05	0.125769	-7.95106
cg26901111	ZNF20	0.00410924	0.0386212	0.371644	-2.69074	0.000496278	9.50979	9.50979	0.195744	1.76008	1.76008	0.0765062	2.25734	2.25734	0.704962	0.854549	-1.17021
cg18321051	ZNF20	0.0135684	0.0464424	0.302051	-3.3107	0.00171956	11.4454	11.4454	0.12409	2.37786	2.37786	0.136406	2.30243	2.30243	0.76692	0.858322	-1.16506
cg07757083	ZNF20	0.0201136	0.0223112	0.628879	-1.59013	0.00310035	1.98458	1.98458	0.180853	1.27207	1.27207	0.395991	1.15862	1.15862	0.155306	1.29377	1.29377
cg04605932	ZNF20	0.0250006	0.00341703	0.554939	-1.802	0.706729	0.945582	-1.05755	0.00619927	0.589592	-1.69609	0.494365	1.10819	1.10819	0.648224	1.07036	1.07036
cg09504585	ZNF20	0.0253506	0.0125779	0.573628	-1.74329	0.102124	1.37769	1.37769	0.103704	0.727118	-1.37529	0.503058	0.8854	-1.12943	0.00542672	0.519304	-1.92566
cg04141691	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	7.56E-06	0.0288661	0.667352	-1.49846	0.0141721	1.60805	1.60805	0.352083	1.16218	1.16218	0.0397993	1.45213	1.45213	2.09E-05	0.260144	-3.84403
cg06808011	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.000585977	0.344499	0.713943	-1.40067	0.000148373	9.55047	9.55047	0.0103333	3.05877	3.05877	0.0356322	0.429006	-2.33097	0.000518732	0.153581	-6.51122
cg05388069	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.00498825	0.284311	0.777673	-1.28589	0.0212549	1.87008	1.87008	0.18346	1.37583	1.37583	0.00794763	2.1584	2.1584	0.663062	0.905645	-1.10419
cg01511534	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.00011779	0.000125183	0.529676	-1.88795	0.00016573	0.543215	-1.84089	0.00101601	0.629092	-1.58959	3.87E-05	0.472414	-2.11679	0.157615	0.866155	-1.15453
cg26808810	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.00286323	0.0228806	0.601819	-1.66163	0.974257	0.993999	-1.00604	0.74299	1.06329	1.06329	0.0185823	0.587253	-1.70284	6.91E-05	0.257571	-3.88243
cg26091688	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.00928996	0.985438	1.00214	1.00214	0.0115214	0.690602	-1.44801	0.264525	0.872638	-1.14595	0.375196	1.11251	1.11251	0.163315	0.840047	-1.19041
cg27260563	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.0121102	0.0182292	0.366027	-2.73204	0.908823	0.960622	-1.04099	0.485693	0.78003	-1.282	0.39359	1.35859	1.35859	0.000584543	0.15505	-6.44952
cg09848405	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.0155673	?	?	?	0.0454642	0.427768	-2.33771	0.57154	1.23053	1.23053	0.00270747	4.86766	4.86766	0.769515	0.898995	-1.11235
cg09778782	ZNF202	2.73E-06	0.0705877	1.33986	1.33986	0.0468635	1.39018	1.39018	0.0685466	1.34341	1.34341	0.697003	1.05829	1.05829	8.58E-08	0.0779057	-12.836
cg07213870	ZNF202	0.00100471	0.0103953	0.531199	-1.88253	0.00014825	0.278434	-3.59152	0.0439785	0.635211	-1.57428	0.0390199	1.59739	1.59739	0.00893788	0.521003	-1.91938
cg27113153	ZNF202	0.00210098	0.134255	1.30112	1.30112	0.0482808	1.44465	1.44465	0.00212505	2.02152	2.02152	0.255372	1.21356	1.21356	0.0175179	0.624193	-1.60207
ch.11.2579054	ZNF202	0.0041282	0.000747958	0.27421	-3.64684	0.513846	0.845818	-1.18229	0.0117095	0.450866	-2.21795	0.000489112	0.251154	-3.98162	0.0380368	0.5443	-1.83722
cg06038239	ZNF202	0.0101887	0.500032	1.10408	1.10408	0.0044439	1.73141	1.73141	0.143724	1.25508	1.25508	0.364731	1.1442	1.1442	0.227068	0.832422	-1.20131
cg12057732	ZNF202	0.0117916	0.305299	0.881873	-1.13395	0.0221973	1.38357	1.38357	0.0173307	0.709493	-1.40946	0.156487	0.835692	-1.19661	0.175656	0.843217	-1.18593
cg21177216	ZNF202	0.0125456	0.00717388	0.554979	-1.80187	0.812282	1.04118	1.04118	0.0758453	0.715221	-1.39817	0.994239	1.00123	1.00123	0.0342054	1.52068	1.52068
cg06130950	ZNF202	0.0275089	0.130997	1.62106	1.62106	0.0105977	2.65497	2.65497	0.0403523	0.492004	-2.0325	0.383575	1.30027	1.30027	?	?	?
cg17003376	ZNF202	0.0466246	0.548065	0.76446	-1.30811	0.118101	2.11664	2.11664	0.0055847	4.99386	4.99386	0.0164467	3.65234	3.65234	0.446943	1.40851	1.40851
cg06178073	ZNF204P	0.000514029	0.00607338	3.15879	3.15879	0.00791972	0.335113	-2.98407	0.00350124	0.280374	-3.56667	0.000323827	6.46614	6.46614	0.27451	0.694189	-1.44053
cg05645927	ZNF204P	0.00127672	0.927247	0.982156	-1.01817	0.0268092	0.596224	-1.67722	4.08E-05	0.213677	-4.67995	0.602094	0.901487	-1.10928	0.000373206	0.325591	-3.07134
cg12728578	ZNF204P	0.00705215	0.0848496	0.587653	-1.70168	0.00969563	2.49152	2.49152	0.196981	1.46304	1.46304	0.510165	0.829973	-1.20486	0.0181432	0.44916	-2.22638
cg05216814	ZNF204P	0.0152808	0.219468	0.884112	-1.13108	0.451134	1.07598	1.07598	0.354955	1.09502	1.09502	0.366623	1.0925	1.0925	0.827805	1.021	1.021
cg10801474	ZNF204P	0.0336149	0.003748	0.3971	-2.51826	0.336175	1.26369	1.26369	0.0281389	1.84393	1.84393	0.331122	1.267	1.267	0.424466	1.21228	1.21228
cg05080281	ZNF204P	0.0383308	?	?	?	0.944708	0.972436	-1.02834	0.0372704	2.64917	2.64917	0.00608861	0.236192	-4.23384	?	?	?
cg05977558	ZNF204P;ZNF204P	0.0119249	0.0839592	0.862395	-1.15956	0.469519	0.944626	-1.05862	0.000884694	0.679966	-1.47066	0.267768	1.09349	1.09349	0.0494429	0.840658	-1.18954
cg08750493	ZNF204P;ZNF204P	0.0128379	0.701086	0.830339	-1.20433	0.0326439	0.299644	-3.3373	0.0341239	0.303661	-3.29315	0.457219	0.694229	-1.44045	0.000338806	0.0618022	-16.1806
cg23201199	ZNF205;ZNF205	0.000130419	0.101056	0.702639	-1.42321	0.000237355	0.302213	-3.30892	0.977461	1.00557	1.00557	1.90E-05	0.181181	-5.51933	4.84E-05	0.222673	-4.4909
cg01093395	ZNF205;ZNF205	0.00990891	0.341273	0.771612	-1.29599	0.390143	1.26216	1.26216	0.00583414	0.385034	-2.59718	0.319295	1.31274	1.31274	0.0177132	0.46646	-2.14381
cg06186041	ZNF205;ZNF205	0.0266195	0.210502	0.858425	-1.16492	0.209728	0.858178	-1.16526	0.0318811	1.3377	1.3377	0.371645	0.899312	-1.11196	0.0213577	0.72615	-1.37713
cg26863821	ZNF205;ZNF205;MGC3771;MGC3771	0.000192458	0.143854	0.794347	-1.2589	0.028935	0.685513	-1.45876	0.00756925	0.604291	-1.65483	0.00119777	0.498607	-2.00559	0.000382302	0.435409	-2.29669
cg05112582	ZNF205;ZNF205;MGC3771;MGC3771	0.00165335	0.371674	0.806303	-1.24023	0.0420155	1.73321	1.73321	0.193932	1.38072	1.38072	0.492235	0.848982	-1.17788	0.000163849	0.221181	-4.52119
cg03110310	ZNF205;ZNF205;MGC3771;MGC3771	0.0231264	0.0446658	0.167878	-5.95671	0.377544	2.01568	2.01568	0.853386	0.866569	-1.15398	0.165597	0.318289	-3.1418	0.0288889	0.136081	-7.34859
cg05226462	ZNF205;ZNF205;MGC3771;MGC3771	0.0432878	0.0634543	1.65789	1.65789	0.876431	1.03841	1.03841	0.00707911	2.32333	2.32333	0.0282624	1.87275	1.87275	0.18219	1.40915	1.40915
cg03529568	ZNF207;MIR632;ZNF207;ZNF207	0.000897757	0.000277676	0.0509211	-19.6382	0.019349	4.11876	4.11876	0.00146447	9.96673	9.96673	0.00210006	8.71866	8.71866	0.552452	1.35094	1.35094
cg26376749	ZNF207;ZNF207;ZNF207	0.00560513	0.50128	0.932268	-1.07265	0.0553747	1.25	1.25	0.455653	1.0812	1.0812	0.693869	0.960166	-1.04149	0.631402	1.05092	1.05092
cg01395672	ZNF207;ZNF207;ZNF207	0.0214031	0.0879337	0.386943	-2.58436	0.516967	1.39271	1.39271	0.463258	1.45705	1.45705	0.000634206	14.102	14.102	0.116053	2.36582	2.36582
cg04010286	ZNF207;ZNF207;ZNF207	0.0373972	0.793819	1.09425	1.09425	0.000820624	0.176608	-5.66226	0.150036	0.588219	-1.70005	0.672353	1.15753	1.15753	0.799411	0.916159	-1.09151
cg04612349	ZNF207;ZNF207;ZNF207	0.0493637	0.358789	0.740817	-1.34986	0.0927246	1.80065	1.80065	0.429758	1.29208	1.29208	0.252812	1.46191	1.46191	0.092674	0.555294	-1.80085
cg25191231	ZNF207;ZNF207;ZNF207;MIR632	0.0187746	0.151666	0.711487	-1.40551	0.0284436	0.563785	-1.77373	0.771878	0.937611	-1.06654	0.00227286	0.388276	-2.57549	0.00646746	0.456309	-2.1915
cg07657465	ZNF208	0.00110231	0.23185	0.747467	-1.33785	0.273666	0.767654	-1.30267	0.0933126	0.6515	-1.53492	0.0187319	0.516202	-1.93723	0.000345609	0.262766	-3.80567
cg02617486	ZNF208	0.00152637	0.133234	0.557123	-1.79494	0.0819476	0.498529	-2.0059	0.0171033	0.350047	-2.85676	0.093013	0.513044	-1.94915	9.00E-05	0.0796551	-12.5541
cg09418063	ZNF208	0.00254018	0.907991	0.954338	-1.04785	0.830554	0.917016	-1.09049	0.0729056	0.445435	-2.245	0.280889	0.635664	-1.57316	0.00392461	0.208243	-4.80209
cg22274522	ZNF208	0.0211335	0.00674076	0.233037	-4.29117	0.00448171	0.207765	-4.81314	0.0749893	0.43946	-2.27552	0.345704	0.668528	-1.49582	0.0050795	0.215286	-4.64499
cg14794043	ZNF208	0.0259814	0.0959927	1.78401	1.78401	0.222703	1.50041	1.50041	0.747207	1.10783	1.10783	0.610811	0.850003	-1.17647	0.0524512	0.497425	-2.01035
cg27291304	ZNF208	0.032009	0.0619594	2.46292	2.46292	0.0961401	2.18925	2.18925	0.788265	1.12236	1.12236	0.846025	1.08695	1.08695	0.170829	0.535046	-1.869
cg26938561	ZNF208;ZNF208	0.00426471	0.0650335	2.06305	2.06305	0.0501046	2.1833	2.1833	0.887524	1.05071	1.05071	0.0850035	1.94593	1.94593	0.041014	0.438545	-2.28027
cg27143938	ZNF211;ZNF211	0.00642363	0.0112769	0.811518	-1.23226	0.739617	0.978291	-1.02219	0.00477803	1.2795	1.2795	0.936862	0.994801	-1.00523	0.128072	1.11433	1.11433
cg19006507	ZNF211;ZNF211	0.0119755	0.240106	1.14231	1.14231	0.336957	1.11303	1.11303	0.411728	1.09504	1.09504	0.00495744	1.49549	1.49549	0.0277122	1.32513	1.32513
cg25477163	ZNF211;ZNF211	0.0490254	0.188445	0.730858	-1.36825	0.0259115	0.551572	-1.813	0.114957	0.680007	-1.47057	0.409959	1.20875	1.20875	0.18455	0.728583	-1.37253
cg24863791	ZNF211;ZNF211;ZNF211;ZNF211	0.000557144	0.0952949	0.66844	-1.49602	0.0275845	1.77287	1.77287	0.483842	1.16927	1.16927	0.484192	1.16912	1.16912	0.15699	1.39469	1.39469
cg15176338	ZNF212	0.000977814	0.00756238	0.37843	-2.6425	0.211961	1.45038	1.45038	0.0132949	0.419996	-2.38098	0.0739299	1.75641	1.75641	5.20E-05	0.117647	-8.50002
cg15320998	ZNF212	0.00137033	0.115885	0.551878	-1.812	0.000309026	0.130473	-7.66442	0.00529016	0.278397	-3.59199	0.089535	0.52146	-1.91769	0.00119481	0.191718	-5.21599
cg11112729	ZNF212	0.00975396	0.00892402	0.191258	-5.22853	0.0116856	0.208736	-4.79073	0.0232068	0.259429	-3.85461	0.301352	0.587168	-1.70309	0.0149568	0.225888	-4.42698
cg04665838	ZNF212	0.0152457	0.802226	0.942508	-1.061	0.00836713	2.21422	2.21422	0.0039781	2.4931	2.4931	0.741191	0.924782	-1.08134	0.0320294	0.55286	-1.80878
cg12695158	ZNF212	0.037913	0.0171244	2.16501	2.16501	0.0102433	0.423017	-2.36397	0.964362	0.988193	-1.01195	0.247573	0.725164	-1.379	0.480034	1.21027	1.21027
cg06893123	ZNF213;ZNF213	0.00505399	0.00807336	0.518858	-1.92731	0.00844971	1.91613	1.91613	0.0324585	1.62284	1.62284	0.00686705	0.508176	-1.96782	0.949018	1.01244	1.01244
cg00872270	ZNF213;ZNF213	0.00597001	0.00548949	1.87828	1.87828	0.443471	0.873807	-1.14442	0.17069	0.77734	-1.28644	0.707187	0.936926	-1.06732	0.0127222	0.585952	-1.70662
cg01177907	ZNF213;ZNF213	0.00869824	0.748165	1.05606	1.05606	0.0389856	1.49874	1.49874	0.15044	1.29821	1.29821	0.731706	1.06001	1.06001	0.562675	1.10418	1.10418
cg01762264	ZNF213;ZNF213	0.00882824	0.318165	0.813905	-1.22864	0.00265976	0.436325	-2.29187	0.0087417	0.513435	-1.94766	0.0742867	0.672398	-1.48721	0.261306	0.791527	-1.26338
cg19703826	ZNF213;ZNF213	0.0157732	0.00254371	1.5642	1.5642	0.21917	1.14803	1.14803	0.0851812	0.816021	-1.22546	0.00597594	0.681197	-1.468	0.534659	0.935031	-1.06948
cg01960789	ZNF213;ZNF213	0.0162939	0.177025	1.35861	1.35861	0.0373342	1.67551	1.67551	0.0107702	1.98231	1.98231	0.370624	0.821721	-1.21696	0.83488	1.04559	1.04559
cg09646795	ZNF213;ZNF213	0.0180062	0.660358	1.22746	1.22746	0.00589152	0.188241	-5.31233	0.0340004	0.317592	-3.14869	0.107344	0.442825	-2.25823	0.0126132	0.237524	-4.2101
cg06218932	ZNF213;ZNF213	0.0187632	0.00598018	0.386733	-2.58576	0.118586	1.56511	1.56511	0.203812	0.70145	-1.42562	0.935134	0.978708	-1.02175	0.999935	0.999978	-1.00002
cg09936008	ZNF213;ZNF213	0.0208627	0.36195	0.592415	-1.68801	0.00589874	0.133629	-7.48343	0.373324	0.600132	-1.6663	0.382294	0.606166	-1.64971	0.0884686	0.349918	-2.85782
cg00776770	ZNF213;ZNF213	0.0287169	0.391259	0.792341	-1.26208	0.623861	1.13993	1.13993	0.0215719	0.48131	-2.07766	0.576981	1.16105	1.16105	0.0017856	0.307871	-3.24811
cg10313121	ZNF213;ZNF213	0.0404797	0.0294966	0.529425	-1.88884	0.0408621	0.556766	-1.79609	0.0216597	0.504586	-1.98182	0.579546	1.14895	1.14895	0.0220578	0.506024	-1.97619
cg26702001	ZNF213;ZNF213;ZNF213	0.00401813	0.0107355	0.338709	-2.95238	0.0198917	2.37492	2.37492	0.000912463	12.6063	12.6063	0.177611	1.39591	1.39591	?	?	?
cg03097541	ZNF213;ZNF213;ZNF213;ZNF213	0.0154747	0.536479	0.927475	-1.0782	0.102471	0.806596	-1.23978	0.36785	0.894708	-1.11768	0.815922	0.972341	-1.02845	0.00366203	0.623344	-1.60425
cg04346415	ZNF214;NLRP14	0.0036389	0.00701681	0.505365	-1.97877	0.0886501	0.692323	-1.44441	0.668916	1.08787	1.08787	0.0121666	0.542394	-1.84368	0.0547034	0.652695	-1.53211
cg11679142	ZNF214;NLRP14	0.0126474	0.00783159	0.637836	-1.5678	0.738679	1.0451	1.0451	0.807222	0.968303	-1.03273	0.388256	0.890022	-1.12357	0.19445	0.834556	-1.19824
cg14883916	ZNF215	0.000124161	0.0352665	0.472733	-2.11536	0.794032	0.923164	-1.08323	0.671778	1.13909	1.13909	0.00499681	3.11171	3.11171	0.000228823	0.154042	-6.49174
cg02595681	ZNF215	0.000669906	0.00211594	0.550759	-1.81567	0.195246	0.827708	-1.20816	0.13798	0.802141	-1.24666	0.48258	1.10352	1.10352	7.14E-05	0.368182	-2.71605
cg12728517	ZNF215	0.00182475	0.0451944	0.462539	-2.16198	0.603899	1.19199	1.19199	0.568168	0.824012	-1.21358	0.0128901	2.81796	2.81796	0.0135622	0.358783	-2.7872
cg17958423	ZNF215	0.00921954	0.539483	0.897371	-1.11437	0.250928	0.811312	-1.23257	0.155624	0.767335	-1.30321	0.575915	1.10352	1.10352	0.769975	0.950175	-1.05244
cg10157954	ZNF215	0.0135725	0.10662	0.720199	-1.38851	0.00179569	0.437145	-2.28757	0.213164	0.783299	-1.27665	0.059802	0.673224	-1.48539	0.0878705	0.704029	-1.4204
cg06872519	ZNF215	0.0300812	0.711076	1.05414	1.05414	0.0222217	0.678149	-1.4746	0.659139	1.06492	1.06492	0.034314	0.704786	-1.41887	0.193476	0.822852	-1.21528
cg04053776	ZNF215	0.033919	0.0188039	0.414786	-2.41088	0.0309402	0.456908	-2.18862	0.133197	0.606032	-1.65008	0.519359	1.22377	1.22377	0.0056183	0.325004	-3.07688
cg13008717	ZNF215	0.0499288	0.296985	0.901145	-1.1097	0.806219	0.976618	-1.02394	0.103553	0.842501	-1.18694	0.235267	0.887143	-1.12721	0.0248284	0.773256	-1.29323

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10812348	0.413552	1.17027	1.17027	0.998878	1.00026	1.00026	0.355012	0.836127	-1.19599	0.191487	0.770958	-1.29709	3.97813	2.22925	0.498112	1
cg19217872	0.105587	0.815951	-1.22556	0.00197527	0.60476	-1.65355	0.0156961	0.711286	-1.4059	0.40292	1.10349	1.10349	13.3508	2.79867	0.186334	1
cg01086810	0.166764	1.11363	1.11363	0.000112718	0.609398	-1.64096	0.411231	0.940499	-1.06327	0.59395	0.961476	-1.04007	7.8991	0.666824	0.0750379	1
cg14472753	0.773049	0.938651	-1.06536	1.01E-05	0.125758	-7.95177	0.00347141	0.419544	-2.38354	0.8034	0.94685	-1.05613	16.5583	12.572	0.674894	1
ch.9.1539394R	0.509997	1.21967	1.21967	0.0227165	0.444718	-2.24862	0.527782	1.20935	1.20935	0.0840921	0.566706	-1.76458	3.86572	3.60375	1.24298	1
cg27659768	0.0554596	0.772625	-1.29429	0.102118	1.23691	1.23691	0.959685	1.00603	1.00603	4.75E-05	0.402257	-2.48597	59.559	13.3213	0.198814	1
cg11706111	0.892364	0.975113	-1.02552	0.416011	0.85663	-1.16737	0.0320378	1.59611	1.59611	0.981568	1.00431	1.00431	20.5465	11.2761	0.48783	1
cg01899318	0.564929	0.857265	-1.1665	0.657103	1.12554	1.12554	0.628326	1.13783	1.13783	0.0383156	0.529731	-1.88775	11.8857	13.1895	0.9864	1
cg00888605	0.169521	0.752312	-1.32924	0.000326133	0.323176	-3.09429	0.80036	0.951914	-1.05051	0.00141657	0.407259	-2.45544	10.6279	6.36641	0.532468	1
cg04311557	0.318062	0.74094	-1.34964	0.0317587	2.07788	2.07788	0.141262	1.58352	1.58352	0.347488	1.32451	1.32451	8.45347	11.3013	1.18834	1
cg07506795	0.214422	0.593858	-1.6839	0.00463183	0.222708	-4.49019	0.0848669	2.1377	2.1377	0.157569	0.547426	-1.82673	8.18471	20.6059	2.23787	1
cg26840970	0.600149	1.11783	1.11783	0.000767909	0.342022	-2.92379	0.466433	1.16891	1.16891	0.00109596	0.362761	-2.75664	6.73033	4.72724	0.624336	1
cg00287165	0.0144741	1.9504	1.9504	0.0811091	1.53536	1.53536	0.210495	1.33984	1.33984	0.227606	1.3242	1.3242	4.87091	3.79214	0.692025	1
cg08849717	0.174714	0.792375	-1.26203	0.554648	0.908153	-1.10114	0.0344651	1.48824	1.48824	0.149617	1.28281	1.28281	3.65726	1.50538	0.365878	1
cg10306247	0.000606872	0.417945	-2.39266	0.0834432	0.728834	-1.37206	0.182138	0.791547	-1.26335	0.0983966	0.741403	-1.34879	14.6965	6.3429	0.383637	1
cg11200743	0.000106028	0.112123	-8.91879	0.306776	0.712981	-1.40256	0.416319	0.766729	-1.30424	0.1651	0.622851	-1.60552	6.72907	10.8953	1.43924	1
cg22950391	0.516593	1.09705	1.09705	0.111333	0.783275	-1.27669	0.00276168	0.559056	-1.78873	0.0357914	0.708902	-1.41063	5.38456	1.69157	0.279246	1
cg15407162	0.000739321	0.445819	-2.24306	0.0506453	0.703946	-1.42056	0.44469	1.13068	1.13068	0.20552	0.810157	-1.23433	23.8226	9.37449	0.34979	1
cg23743708	0.0540408	0.606939	-1.64761	0.00681234	0.449113	-2.22661	0.476424	1.17978	1.17978	0.000359809	0.270687	-3.69431	13.6377	11.2612	0.733991	1
cg24335868	0.00410509	0.591411	-1.69087	0.11171	0.789533	-1.26657	0.00212467	0.55484	-1.80232	0.595428	1.07585	1.07585	6.62762	1.95347	0.261997	1
cg15338675	0.0406842	0.746705	-1.33922	0.684211	0.950713	-1.05184	0.0674568	1.28821	1.28821	0.0290268	1.37448	1.37448	6.51881	1.57729	0.215076	1
cg24986572	0.36471	0.897465	-1.11425	0.064106	0.78532	-1.27337	0.362537	1.11483	1.11483	0.0405674	1.31611	1.31611	4.91002	1.04908	0.18992	1
cg08307580	0.0171785	0.553498	-1.80669	0.0357847	0.607975	-1.6448	0.0286839	0.591132	-1.69167	0.741471	0.934785	-1.06976	4.61187	3.03081	0.584157	1
cg02073954	0.760553	0.963318	-1.03808	0.00380333	0.620508	-1.61158	0.97963	0.996883	-1.00313	0.00592013	1.55293	1.55293	5.02852	1.19047	0.210439	1
cg20234817	0.180525	0.629881	-1.5876	0.107546	0.565009	-1.76988	0.0362981	2.20604	2.20604	0.500977	0.800891	-1.24861	5.01596	8.39399	1.48752	1
cg09767313	0.683345	1.08973	1.08973	0.241451	1.29293	1.29293	0.0723784	0.656979	-1.52212	0.00629821	0.474473	-2.1076	3.87664	2.69537	0.618032	1
cg17168830	0.813281	1.12228	1.12228	0.0646572	2.75076	2.75076	0.569583	1.32343	1.32343	0.673219	1.22976	1.22976	7.34519	27.6558	3.34681	1
cg00096845	0.0147451	0.350885	-2.84994	0.0139017	0.346293	-2.88773	0.724164	0.883694	-1.13161	0.418787	1.33416	1.33416	4.84035	9.33525	1.71434	1
cg12900931	0.353511	1.10886	1.10886	0.0155822	1.37854	1.37854	0.0638968	1.25286	1.25286	0.0696696	1.24558	1.24558	4.28167	0.794486	0.164938	1
cg12109743	0.0224847	0.754066	-1.32614	0.00494584	0.680887	-1.46867	0.0155871	0.736202	-1.35832	0.16273	1.16636	1.16636	3.97065	0.670598	0.150123	1
cg18030105	0.334872	0.752808	-1.32836	0.170928	0.659505	-1.51629	0.674733	0.886472	-1.12807	0.0134159	0.417209	-2.39688	3.50044	4.51915	1.14757	1
cg18842717	0.68349	1.02631	1.02631	0.000575444	0.713457	-1.40163	0.237199	0.924532	-1.08163	0.0142277	1.21121	1.21121	7.1176	0.452615	0.0565253	1
cg19087119	0.0327652	0.869595	-1.14996	0.000245868	0.712596	-1.40332	0.182032	0.923819	-1.08246	0.402761	1.04907	1.04907	6.24517	0.309523	0.0440551	1
cg02310273	0.333303	1.24594	1.24594	0.000141249	0.23525	-4.25079	0.987156	1.00355	1.00355	0.000315286	0.276302	-3.61923	26.0226	20.0099	0.683504	1
cg17215446	0.996472	0.998405	-1.0016	0.773676	0.901176	-1.10966	0.000374982	0.128403	-7.78798	0.0133534	0.330869	-3.02234	6.13823	12.6611	1.83348	1
cg22050705	0.0945573	1.26482	1.26482	0.840708	0.9746	-1.02606	0.557293	0.926927	-1.07883	0.567911	1.07659	1.07659	5.95271	1.54093	0.2301	1
cg24130043	0.036488	0.713411	-1.40172	0.360976	0.877689	-1.13936	0.4983	1.10021	1.10021	0.96837	1.00552	1.00552	5.24281	1.60258	0.271709	1
cg08070590	0.178749	1.27096	1.27096	0.0298036	1.53598	1.53598	0.213034	0.802424	-1.24622	0.530245	0.898779	-1.11262	4.75338	2.12092	0.396614	1
cg14193678	0.908517	1.02462	1.02462	0.0197365	0.551078	-1.81463	0.328659	0.807865	-1.23783	0.0133312	0.522667	-1.91327	3.50003	2.48255	0.630484	1
cg09831491	0.582646	0.819217	-1.22068	0.00103451	0.174446	-5.73242	0.0119272	0.323889	-3.08748	0.0175708	0.354104	-2.82403	6.00157	12.2709	1.81744	1
cg04740229	0.0111066	0.594177	-1.683	0.678672	0.934152	-1.07049	1.74E-06	0.141706	-7.05687	0.296355	1.19368	1.19368	27.2217	11.5261	0.37637	1
cg05599106	0.00573964	3.48493	3.48493	0.17143	0.6053	-1.65207	0.0461787	2.19822	2.19822	0.940437	0.974563	-1.0261	12.6152	23.7518	1.67359	1
cg02842104	0.974835	0.997148	-1.00286	8.67E-05	0.528494	-1.89217	0.885911	1.01309	1.01309	0.0315294	1.25653	1.25653	12.1004	1.57145	0.115437	1
cg00882322	0.0521709	0.56859	-1.75874	0.941766	0.981498	-1.01885	0.319281	0.768664	-1.30096	0.0101446	0.43651	-2.2909	9.68198	10.0201	0.919927	1
cg26901111	0.476939	0.741691	-1.34827	0.00650708	0.231942	-4.31142	0.142879	1.91686	1.91686	0.136353	0.515228	-1.94089	7.78893	21.0624	2.40369	1
cg18321051	0.480186	0.690986	-1.44721	0.0364872	0.278344	-3.59267	0.385889	1.58157	1.58157	0.077092	0.358171	-2.79196	6.0329	24.6882	3.18288	1
cg07757083	0.0743727	1.40036	1.40036	0.238892	0.81146	-1.23235	0.186802	0.78898	-1.26746	0.637367	0.922727	-1.08374	4.69552	2.13345	0.403875	1
cg04605932	0.110796	1.29331	1.29331	0.362955	0.870739	-1.14845	0.13309	0.786722	-1.2711	0.714021	1.056	1.056	4.35719	1.51225	0.308506	1
cg09504585	0.768717	0.948562	-1.05423	0.0202986	0.605869	-1.65052	0.923731	0.982997	-1.0173	0.069799	0.695494	-1.43783	4.33616	2.20263	0.451526	1
cg04141691	0.000241141	2.59451	2.59451	7.44E-07	0.123004	-8.12981	0.0013434	2.07769	2.07769	0.284797	1.19051	1.19051	43.6141	17.0154	0.346788	1
cg06808011	0.740511	1.12188	1.12188	0.26781	0.67069	-1.491	0.00616712	3.44266	3.44266	0.173703	1.65015	1.65015	13.6737	25.9334	1.68586	1
cg05388069	0.322893	1.25966	1.25966	0.000477616	0.289524	-3.45394	0.167118	1.39508	1.39508	0.594862	0.885729	-1.12901	7.34387	5.94448	0.71951	1
cg01511534	0.000665581	0.609319	-1.64118	4.56E-05	0.480463	-2.08133	0.272715	0.897126	-1.11467	0.0149898	0.752469	-1.32896	21.1905	3.03492	0.127308	1
cg26808810	0.0195933	0.590938	-1.69223	0.570996	0.898709	-1.11271	0.208187	1.28081	1.28081	0.398133	0.850985	-1.17511	8.6774	4.78107	0.489759	1
cg26091688	0.0387808	1.32355	1.32355	0.0392099	1.32249	1.32249	0.0791737	1.25649	1.25649	0.00215765	1.65622	1.65622	6.05111	1.31521	0.1932	1
cg27260563	0.940343	0.974095	-1.02659	?	?	?	0.491128	1.27793	1.27793	0.163596	1.68431	1.68431	5.66559	9.80828	1.7312	1
cg09848405	0.0296553	2.59003	2.59003	?	?	?	0.0913642	1.98119	1.98119	0.066544	2.13567	2.13567	5.9639	9.43712	1.58237	1
cg09778782	4.88E-05	0.331016	-3.021	2.03E-05	0.287303	-3.48065	0.0820319	0.756559	-1.32177	0.000168437	0.395758	-2.52679	56.7177	18.8308	0.29512	1
cg07213870	0.0515907	1.54398	1.54398	0.00102126	0.384921	-2.59794	0.0756781	0.678666	-1.47348	0.199249	0.766507	-1.30462	11.7508	7.15294	0.541081	1
cg27113153	0.0274711	0.653713	-1.52972	0.00163289	0.479253	-2.08658	0.0126472	0.603339	-1.65744	0.466924	0.886327	-1.12825	9.50436	3.99958	0.374058	1
ch.11.2579054	0.239691	0.732429	-1.36532	0.01762	0.481747	-2.07578	0.0332642	0.532933	-1.87641	0.0105492	0.443207	-2.25628	7.77812	7.88014	0.900548	1
cg06038239	0.00145253	0.514114	-1.94509	0.565109	0.919331	-1.08775	0.247302	0.839496	-1.19119	0.186969	1.22422	1.22422	5.87535	1.94646	0.294482	1
cg12057732	0.0106151	0.683506	-1.46305	0.0334139	1.34225	1.34225	0.321315	1.12901	1.12901	0.0763603	1.26299	1.26299	5.60524	1.24496	0.197428	1
cg21177216	0.104896	0.740366	-1.35068	0.0111363	1.71563	1.71563	0.487769	0.887293	-1.12702	0.0247175	0.635339	-1.57396	5.49352	2.50356	0.405093	1
cg06130950	0.593047	1.17134	1.17134	0.00906004	2.74383	2.74383	0.43932	0.793262	-1.26062	0.593813	0.854009	-1.17095	4.72386	5.57949	1.03349	1
cg17003376	0.096398	2.2404	2.2404	0.356687	0.65777	-1.52029	0.97283	0.985063	-1.01516	0.454344	0.714072	-1.40042	3.47891	10.7587	2.74893	1
cg06178073	0.00170896	4.21111	4.21111	0.041446	2.12748	2.12748	0.223421	0.66321	-1.50782	0.00969119	2.85948	2.85948	14.1812	23.1479	1.45093	1
cg05645927	0.0530194	0.648261	-1.54259	0.0271969	0.597282	-1.67425	0.310642	0.813168	-1.22976	0.245537	0.787056	-1.27056	10.9757	6.75634	0.547176	1
cg12728578	0.279268	1.36863	1.36863	0.0117556	2.40589	2.40589	0.00372126	2.98357	2.98357	0.0857525	1.69854	1.69854	6.59982	8.13467	1.09561	1
cg05216814	0.0436541	0.801531	-1.24761	0.000404109	0.584833	-1.70989	0.55258	0.944303	-1.05898	0.699646	1.03767	1.03767	5.149	0.741964	0.128088	1
cg10801474	0.971142	1.00857	1.00857	0.061801	0.608715	-1.6428	0.51168	0.854639	-1.17008	0.482028	0.844814	-1.18369	3.92391	3.46125	0.784082	1
cg05080281	?	?	?	0.720565	0.865242	-1.15575	0.323454	1.50828	1.50828	0.587362	1.24708	1.24708	3.97069	6.80837	2.28621	1
cg05977558	0.906407	1.00915	1.00915	0.068575	1.17097	1.17097	0.162207	1.12247	1.12247	0.0949268	0.867558	-1.15266	5.58486	0.530127	0.0843753	1
cg08750493	0.0174535	0.247866	-4.03444	0.635865	0.794599	-1.2585	0.804631	0.887392	-1.1269	0.123609	0.447557	-2.23435	5.45244	20.0659	3.27126	1
cg23201199	0.360364	1.20299	1.20299	0.205192	0.768976	-1.30043	0.0859706	1.45194	1.45194	0.0033731	0.456755	-2.18936	20.6188	12.613	0.543754	1
cg01093395	0.813312	1.06455	1.06455	0.000919486	0.270021	-3.70341	0.883797	0.962071	-1.03942	0.291198	1.33587	1.33587	5.92794	6.56297	0.984111	1
cg06186041	0.179492	0.847933	-1.17934	0.0123826	1.43362	1.43362	0.434197	1.09672	1.09672	0.163777	0.842045	-1.18758	4.26282	0.903679	0.188436	1
cg26863821	0.000666695	0.465977	-2.14603	0.000143368	0.382576	-2.61386	1.80E-05	0.276988	-3.61026	0.00108192	0.492911	-2.02876	18.5636	6.31996	0.302622	1
cg05112582	0.386922	0.812068	-1.23142	0.000350092	0.259531	-3.8531	0.660819	1.1092	1.1092	0.478608	0.84444	-1.18422	10.1894	8.89102	0.77562	1
cg03110310	0.0250028	0.126878	-7.88157	0.0051938	0.0575198	-17.3853	0.0136433	0.0942375	-10.6115	0.0344807	0.148218	-6.74683	4.47639	42.4893	8.43721	1
cg05226462	0.684027	0.905638	-1.10419	0.728139	1.08821	1.08821	0.0256777	1.90019	1.90019	0.0243018	1.91616	1.91616	3.57696	3.32421	0.826081	1
cg03529568	0.959733	0.975047	-1.02559	0.0423238	3.22344	3.22344	0.00757734	5.57962	5.57962	0.713919	1.20235	1.20235	12.1313	48.129	3.52654	1
cg26376749	0.0830873	1.21794	1.21794	0.000148191	0.511621	-1.95457	0.539602	0.93818	-1.06589	0.267758	1.12595	1.12595	7.08621	1.18495	0.148639	1
cg01395672	0.2437	0.540658	-1.8496	0.979415	1.01309	1.01309	0.485977	1.42892	1.42892	0.976277	1.0151	1.0151	4.59706	18.5065	3.57842	1
cg04010286	0.171762	0.606356	-1.6492	0.746202	0.894333	-1.11815	0.49043	1.27239	1.27239	0.175328	0.609182	-1.64155	3.77513	7.07087	1.6649	1
cg04612349	0.538784	0.820489	-1.21879	0.00417603	0.295134	-3.38829	0.469413	1.26364	1.26364	0.28664	0.703434	-1.4216	3.40466	5.45044	1.423	1
cg25191231	0.0317065	0.57232	-1.74727	0.0775537	0.647416	-1.5446	0.574247	1.13405	1.13405	0.761998	1.06963	1.06963	4.8064	3.73823	0.691343	1
cg07657465	0.352449	1.2487	1.2487	0.000313077	0.257582	-3.88226	0.00463783	2.39689	2.39689	0.0536274	0.601275	-1.66313	11.4454	9.76657	0.758502	1
cg02617486	0.0796665	0.495359	-2.01874	0.21168	1.60829	1.60829	0.000429417	0.133665	-7.4814	0.0157281	0.343361	-2.91239	10.4271	21.5392	1.83617	1
cg09418063	0.577755	0.796659	-1.25524	0.000186304	0.0780529	-12.8118	0.00655191	4.16923	4.16923	0.0592374	0.422758	-2.36542	8.98974	23.2671	2.3006	1
cg22274522	0.0429731	0.380696	-2.62677	0.27355	0.623464	-1.60394	0.0414059	0.377071	-2.65202	0.0777838	0.443644	-2.25406	4.61702	12.5722	2.42045	1
cg14794043	0.0238388	2.3488	2.3488	0.598759	0.845244	-1.18309	0.00239286	3.81897	3.81897	0.755619	1.10391	1.10391	4.29915	6.82684	1.41151	1
cg27291304	0.345478	0.65924	-1.5169	0.0422997	0.36677	-2.72651	0.00434724	5.12504	5.12504	0.550295	1.29585	1.29585	3.99348	11.6315	2.589	1
cg26938561	0.000513261	6.65657	6.65657	0.0703114	0.493026	-2.02829	0.00917394	3.17897	3.17897	0.347605	0.713156	-1.40222	7.70202	14.9053	1.72022	1
cg27143938	0.501486	0.956102	-1.04591	0.00351844	0.770732	-1.29747	0.453024	1.05159	1.05159	0.0188537	1.20585	1.20585	6.79423	0.465907	0.0609545	1
cg19006507	0.186048	1.16377	1.16377	0.00239864	0.632812	-1.58025	0.458313	1.08512	1.08512	0.45483	0.92095	-1.08584	5.57719	1.0336	0.164734	1
cg25477163	0.0161116	0.515555	-1.93966	0.116593	1.4676	1.4676	0.0809397	0.647	-1.54559	0.105173	0.671429	-1.48936	3.41355	2.73681	0.712667	1
cg24863791	0.612868	0.893916	-1.11867	1.24E-05	0.132045	-7.57319	0.43959	1.18916	1.18916	0.0281726	1.76774	1.76774	13.8672	10.6093	0.680056	1
cg15176338	0.00508531	0.350913	-2.84971	0.302597	0.739342	-1.35255	0.610956	0.86495	-1.15614	0.00733837	0.376297	-2.65747	11.8416	14.9987	1.12587	1
cg15320998	0.337577	0.709014	-1.41041	0.000289586	0.127914	-7.81778	0.00201367	0.219668	-4.55232	0.0858105	0.516646	-1.93556	10.7554	20.6096	1.70329	1
cg11112729	0.054858	0.338683	-2.95261	0.00207791	0.115887	-8.62906	0.00324561	0.135876	-7.35963	0.0596248	0.347515	-2.87758	5.95786	23.3283	3.4805	1
cg04665838	0.205307	0.729589	-1.37063	?	?	?	0.180739	1.39837	1.39837	0.767624	1.07241	1.07241	5.25052	4.11453	0.783642	1
cg12695158	0.937056	0.979224	-1.02122	0.179087	0.68427	-1.46141	0.172922	1.47041	1.47041	0.0725448	0.587071	-1.70337	3.75628	4.20387	0.994805	1
cg06893123	0.0129906	0.550945	-1.81506	0.361243	0.834018	-1.19902	0.351356	1.20381	1.20381	0.0984442	1.41973	1.41973	7.31457	4.33251	0.526501	1
cg00872270	0.00051074	0.391819	-2.5522	0.170157	0.777064	-1.28689	0.805815	0.958368	-1.04344	0.902367	1.02141	1.02141	6.9499	3.28098	0.419636	1
cg01177907	0.0855505	0.724841	-1.37961	0.000376879	0.382	-2.6178	0.609798	0.916534	-1.09107	0.156474	1.29261	1.29261	6.1788	2.80573	0.403635	1
cg01762264	0.000850311	0.367672	-2.71981	0.420382	1.17855	1.17855	0.0377165	0.618163	-1.6177	0.233862	0.779522	-1.28284	6.14984	3.87928	0.560705	1
cg19703826	0.596695	0.944547	-1.05871	0.377897	0.907872	-1.10148	0.572018	1.0629	1.0629	0.289129	1.12474	1.12474	5.09511	0.920914	0.160662	1
cg01960789	0.0536357	0.626222	-1.59688	0.0477588	0.616658	-1.62164	0.154518	1.3847	1.3847	0.0133844	1.9237	1.9237	5.04036	3.64139	0.642174	1
cg09646795	0.0208269	0.275466	-3.63021	0.0038198	0.164037	-6.0962	0.765293	0.870435	-1.14885	0.284519	0.597343	-1.67408	4.87456	16.584	3.02413	1
cg06218932	0.908891	1.03073	1.03073	0.00189538	0.31229	-3.20215	0.190271	0.692985	-1.44303	0.0585547	0.568357	-1.75946	4.80739	5.32246	0.984126	1
cg09936008	0.390059	0.611353	-1.63572	0.000669979	0.0546016	-18.3145	0.955604	1.03159	1.03159	0.172283	0.444112	-2.25168	4.6374	22.9262	4.39446	1
cg00776770	0.12496	1.55285	1.55285	0.321597	0.762357	-1.31172	0.117614	0.637413	-1.56884	0.535006	0.84664	-1.18114	4.1506	4.61569	0.988491	1
cg10313121	0.0319733	0.536075	-1.86541	0.252107	1.34556	1.34556	0.352891	0.788864	-1.26765	0.892355	0.966967	-1.03416	3.66699	3.57479	0.866539	1
cg26702001	?	?	?	0.556754	1.13355	1.13355	?	?	?	?	?	?	52.6652	15.8464	0.180533	1
cg03097541	0.913711	0.987047	-1.01312	0.000525532	0.522097	-1.91535	0.158219	0.834061	-1.19895	0.420074	0.905666	-1.10416	5.12752	1.17487	0.203672	1
cg04346415	0.0236636	0.589272	-1.69701	0.000406076	0.332803	-3.00478	0.00210335	0.428772	-2.33224	0.00703805	0.505565	-1.97799	8.07906	4.90435	0.539596	1
cg11679142	0.440106	1.10931	1.10931	0.000337124	0.466982	-2.14141	0.775949	0.963103	-1.03831	0.662496	0.943777	-1.05957	5.47908	1.50642	0.244391	1
cg14883916	0.998323	0.999358	-1.00064	1.70E-05	0.0674433	-14.8273	0.000845194	4.63394	4.63394	0.0554544	0.515149	-1.94118	20.893	30.8949	1.31442	1
cg02595681	0.00150564	0.531934	-1.87993	0.00988203	0.637643	-1.56828	0.644304	0.937843	-1.06628	0.00751827	1.60775	1.60775	13.172	3.97479	0.268231	1
cg12728517	0.260283	1.4829	1.4829	0.523919	0.805153	-1.242	8.15E-05	10.8448	10.8448	0.76013	1.10822	1.10822	9.90247	17.6583	1.58508	1
cg17958423	0.103316	1.36421	1.36421	0.000918832	0.421783	-2.37089	0.0265659	1.58127	1.58127	0.0130203	0.584467	-1.71096	6.06576	2.91893	0.427745	1
cg10157954	0.0206579	0.594994	-1.68069	0.023512	1.65536	1.65536	0.0811174	0.697487	-1.43372	0.290974	0.815338	-1.22649	5.35411	2.94313	0.488618	1
cg06872519	0.0393457	0.713339	-1.40186	0.286753	0.854919	-1.1697	0.0803113	1.31641	1.31641	0.0367123	1.41044	1.41044	4.08291	1.29839	0.282672	1
cg04053776	0.557711	0.832519	-1.20117	0.0138636	0.3906	-2.56016	0.0977195	0.57023	-1.75368	0.247757	0.68826	-1.45294	3.9112	5.92078	1.3456	1
cg13008717	0.361116	1.09458	1.09458	0.00577092	0.705948	-1.41654	0.172829	1.14987	1.14987	0.212481	0.88125	-1.13475	3.38997	0.497545	0.130462	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg26870460	2NF215;2NF215	0.0365362	0.615702	1.02605	0.0044004	0.479928	2.08364	0.752395	1.06301	1.06301	0.7622379	1.943108	-1.06032	0.894739	1.42556	1.42556	0.1709226	1.92511	1.325113	0.0600649	0.663959	-1.50612	0.0765204	1.46289	1.462389	0.6644115	1.08802	1.808702	2.2478	0.524791	1
cg08445782	1.23E-05		0.00040343	0.287839	-3.47416	0.0102719	0.4886248	2.04646	0.763727		0.9354381	-1.06902	0.113174	0.6822521	-1.46473	0.113098	0.6826556	-1.46487		3.41E-07	0.03800334	-26.3135	0.982743	1.0048	1.0048	6.08E-06	0.106104	-9.42467	0.6961811	1.09076	1.09076	38.6645	0.2858	0.6899998	1
cg09228833	2NF217	0.00385385	0.00208401	0.106621	-9.37901	0.00981756	0.185144	-5.40121	0.00949138	0.183041	-5.46327	0.00839882	0.1755593	-5.69497	0.24656	0.534669	-1.87031		0.100027	0.394084	-2.53753	0.000655469	0.0673228	-14.8538	0.641622	0.7849803	-1.27404	0.00250993	0.1143114	-8.74783	7.941	33.5779	3.75859	1
cg20979153	2NF217	0.00419154	0.00192991	0.0025853	-10.8008	0.0164462	0.204017	-4.90154	0.00325587	0.113355	-8.80668	0.01745772	0.2082861	-4.80166	0.4268065	0.6440555	-1.55266		0.171301	0.453939	-2.20236	0.000727557	0.0161707	-16.2152	0.427489	0.6944493	-1.55161	0.00373199	0.119597	-8.36142	7.74019	36.0433	4.13924	1
cg22164891	2NF217	0.0144248	0.00532604	0.0756357	-13.2213	0.0102411	0.102698	-9.73726	0.0144876	0.120232	-8.31726	0.0235506	0.1487954	-6.7225	0.0665513	0.235345	-4.24907		0.0805404	0.255896	-3.90784	0.00415506	0.0671024	-14.9026	0.368594	0.5223369	-1.91436	0.01470038	0.1120136	-8.92398	7.248	41.0992	6.96125	1
cg17098965	2NF217;2NF217	5.62E-05	0.000605625	0.408115	-2.45029	1.87E-05	0.223931	-4.46557	7.18E-05	0.288683	-3.46401	0.0016127	0.6965515	-1.43572	0.455741	0.8273133	-1.2089	0.0002	0.07799564	0.714323	-1.39993	0.00102916	0.470508	-2.12536	0.284954	1.210201	1.27037	7.64E-06	0.184781	-5.41181	25.8062	12.0615	0.415454	1
cg11078198	2NF219	0.0002392288	0.669592	0.93036	-1.07485	0.392099	1.15853	1.15853	0.96098	0.991807	-1.00826	0.566067	0.907058	-1.10247	0.461171	1.13446	1.13446		0.253739	0.818377	-1.22193	2.05E-06	0.139894	-7.14825	0.106611	0.7435576	-1.34485	0.6288666	1.08535	1.08535	17.4974	7.83675	0.398115	1
cg19572124	2NF219	0.00353856	0.211984	0.897687	-1.11397	0.240418	0.8954838	-1.11627	0.7601144	0.761877	-1.31255	0.0443671	0.82664	-1.20972	0.0257011	0.804518	-1.24298		0.0730459	0.44863	-1.17857	5.24E-05	0.157602	-3.66011	0.119912	0.8705055	-1.14856	0.1554458	0.8832687	-1.1329	8.14704	0.8609607	0.6948799	1
cg26288378	2NF219	0.0153359	0.0955804	0.834934	-1.1977	0.379007	0.914908	-1.09301	0.000612076	0.594488	-1.68212	0.279285	0.950384	-1.05211	0.114208	0.6892359	-1.45072		0.233135	0.884149	-1.13103	0.300547	0.899691	-1.11149	0.111041	0.8427767	-1.18657	0.0205477	0.7956615	-1.25676	8.150426	0.7908835	0.1366887	1
cg15444192	2NF219;2NF219,C14orf176;2NF219	0.023217	0.145779	1.35061	1.35061	0.218471	0.779498	-1.28288	0.782226	0.94807	-1.05477	0.0986269	0.705717	-1.417	0.168302	0.753863	-1.3265		0.277846	0.804787	-1.24257	0.00191333	0.429215	-2.32984	0.0543854	1.5221	1.5221	0.370109	1.19379	1.19379	4.47035	2.62226	0.521413	1
	2NF219;2NF219,C14orf176;2NF219;2NF219,2NF																											
cg15889105	219,C14orf176	0.0177621	0.48493	0.863762	-1.15773	0.0113193	0.885333	0.00768733	0.02761	2.02761	0.0136544	0.9195643	1.790001	0.79001	0.982983	0.995608	-1.00441	0.7125144	1.079937	1.079937	0.8619897	3.30294	0.599544	1
cg11196175	2NF219;2NF219,2NF215	0.000972695	0.461397	1.14561	1.1854	0.000678085	1.24874	1.24874	0.0010657	2.08021	0.0007362	2.21671	2.216731	0.0014446	1.65188	2.484188	0.5580334	0.842609	-1.14081	0.0513797	0.6075739	-1.64588	0.0019356	2.50319	2.503191	0.0602564	1.617315	1.617315	11.8592	9.662804	0.724278	1
cg08465183	2NF219;2NF219,2NF211	0.00149436	0.5117383	-1.95395	0.3288838	0.798071	-1.25302	0.0698999	0.635299	-1.57406	0.00498505	0.4352313	-2.29773	0.005706	0.444247	-2.251	-1.57546	0.406-05	0.2310473	-4.75121	0.785204	1.06304	1.06304	0.00161736	0.3636232	-2.75003	11.6305	9.2289	0.70534	1
cg07146723	2NF219;2NF221	0.0119985	0.757086	1.12116	1.12116	0.278938	1.51775	1.51775	0.843898	0.929926	-1.07535	0.1988855	0.631821	-1.56015	0.0079195	0.263947	-3.78863		0.0532239	0.43799	-2.28316	0.00888006	0.140544	-7.1152	0.124277	1.86041	1.86041	0.340474	0.695175	-1.43849	6.03223	13.263	1.63682	1
cg00209767	2NF219;2NF221	0.01129519	0.117449	1.42001	1.42001	0.0393179	2.02852	2.02852	0.0140962	2.013018	5.18852	0.0532383	3.233331	0.227854	1.94015	4.815817	4.99047		0.586739	1.34082	1.340824	0.00453381	19.1661	19.1661	0.0453664	3.40961	0.342657	2.84587	2.01985	1
cg18088032	2NF219;2NF219,2NF221	0.0131221	0.385538	0.854396	-1.17042	0.968774	0.9931	-1.00695	0.340984	0.840656	-1.18955	0.0149268	0.169806	0.169806	0.0066073	1.86588	1.86588		0.00918794	1.79513	1.79513	0.0404812	0.657997	-1.51976	0.536489	0.8959189	-1.11708	0.2011112	0.7875555	-1.26975	5.413559	2.682272	0.440492	1
cg16074383	2NF219;2NF219,2NF212;2NF219;2NF219,C14orf	0.0325097	0.544863	1.34492	2.258609	1.76824	1.76824	0.202532	1.91671	1.91671	0.255211	1.77611	1.776111	0.811217	0.89073	-1.12267			0.997605	0.98855	-1.00145	0.985253	1.002883	12.7394	12.7394	0.252278	2.90878	3.97133	14.7082	3.29209	1
cg11701094	176	0.0247177	0.359508	1.14695	1.14695	0.119172	1.27904	1.27904	0.0519727	1.37957	1.37957	0.922859	1.0142	1.0142	0.00153859	1.94091	1.94091		0.334389	1.15591	1.15591	0.10623	1.2927	1.2927	0.0440526	0.714113	-1.40034	0.2952551	1.17113	1.17113	4.37446	1.46733	0.298161	1
cg04907762	2NF22	4.20E-05	0.37636	-1.64046	0.0107679	0.604107	-1.4407	0.621565	0.943882	-1.05944	0.677482	1.049373	1.049373	7.05E-09	0.0410389	-2.15971	0.0085155	1.47585	1.47585	0.934452	0.9905	-1.00959	0.427297	0.91023	-1.09862	6.73E-05	0.428689	-2.33269	27.8846	5.947562	0.1895951	1
cg23883404	2NF221	0.00238208	0.0367507	0.529336	-1.88916	0.0010786	3.54551	3.54551	0.0274595	0.504701	-1.98137	0.795862	1.00734	1.00734	0.282084	1.675228	0.8284208	0.745972	-1.34073	0.684215	1.11317	1.113317	0.0385545	1.87446	1.87446	0.16125	9.97347	0.967696	1
cg26219755	2NF221	0.0118438	0.322296	1.78092	1.78092	0.0115655	1.96183	1.96183	0.0147	2.11287	0.0295966	1.803122	1.803122	0.0015796	1.83122	2.721859	0.3218215	1.1366	1.1366	0.2078256	1.0225	1.0225	0.0200828	0.389868	-2.56497	0.707222	0.474965	1
cg18106548	2NF221	0.0229963	0.403699	1.34968	1.34968	0.00126496	5.21277	5.21277	0.0256545	2.53503	2.53503	0.0609306	2.09856	2.09856	0.526358	1.25269	1.25269		0.959048	1.01818	1.01818	0.367628	0.722696	-1.38371	0.926019	0.03313	0.133603	0.569054	-1.7573	4.4851	8.74803	1.73375	1
cg02963206	2NF221	0.0411862	0.346695	1.1955	1.1955	0.951659	0.98889	-1.01123	0.187449	0.773028	-1.29361	0.152334	1.37105	1.37105	0.144727	1.33463	1.33463		0.178124	1.30169	1.30169	0.0484199	1.9883	1.9883	0.00963383	1.82903	1.82903	0.29754	1.22019	0.163463	1.95956	0.4780491	1
cg03270793	2NF221;2NF221	0.0197659	0.0019473	1.0981	1.0981	0.0788902	2.05062	2.05062	0.0290643	1.69722	-1.37192	0.7159427	1.34356	1.34356	0.0009666	1.88202	1.88202	0.0145815	0.4700547	1.1342	1.1342	0.183563	1.10792	1.107924	0.4778888	8.1258	1.90686	1
cg02013987	2NF221;2NF222	5.77E-07	0.00343147	0.615775	-1.62397	3.46E-06	0.2638088	-3.78934	5.06E-06	0.281755	-3.54918	0.00072312	1.87254	1.87254	1.90E-07	0.143295	-6.97863		0.003371116	0.499155	-2.00339	4.84E-07	0.178745	-5.59455	0.000386626	0.48919	-2.0442	0.000530922	1.93099	1.93099	84.3541	19.8769	0.209454	1
cg22847494	2NF221;2NF222	4.09E-05	0.00122134	0.539367	-1.8539	3.58E-06	0.227888	-4.38827	0.0010888	0.675969	-1.47936	0.00152629	1.34481	1.34481	0.0024561	1.643652	-2.10706		0.975588	0.995788	-1.00423	0.5556	0.997088	2.60708	0.0193967	0.928049	-1.07753	24.4021	7.69422	0.2678904	1
cg01505674	2NF221;2NF222	0.00279421	0.00335915	0.13583	1.30583	0.202052	1.09426	1.09426	0.2286	0.919969	-1.08818	0.904854	1.00803	1.00803	0.906172	1.00792	1.00792		0.04648833	1.16474	1.16474	0.601027	0.96533	-1.03591	0.139468	0.8991107	-1.11221	0.0005144	1.25744	0.5744302	0.6190886	0.062961	1
cg15682057	2NF222;2NF222	0.00353357	0.8941932	0.976634	-1.02392	0.000173246	3.10454	3.10454	0.0477355	1.49515	1.49515	0.723772	0.9368898	-1.06508	0.565308	0.9018826	-1.10879		0.280892	0.819437	-1.22035	0.00682793	0.5365544	-1.86378	0.106121	1.36829	1.36829	0.701343	0.9331825	-1.07086	8.15048	4.07504	0.444422	1
cg21604333	2NF222;2NF222	0.00861495	0.9567861	0.985746	-1.01459	0.000731292	3.45678	3.45678	0.0505	1.50231	1.50231	0.7319224	0.9255	0.9255	0.8185935	1.26476	1.26476	0.7004265	0.438681	1.12314	1.12314	0.6774654	0.9905	-1.00959	0.427297	0.91023	-1.09862	6.73E-05	0.428689	-2.33269	27.8846	5.947562	0.1895951	1
cg00850683	2NF222;2NF222	0.0490999	0.237978	0.707025	-1.41438	0.0237609	0.460104	-2.13172	0.41942	1.26034	0.95093	1.074741	1.01741	0.436354	0.8003344	1.24946	0.1142447	0.617643	-1.61906	0.0591772	0.3643024	-2.74496	0.100732	0.6039381	-1.65568	0.201575	1.45971	1.459571	0.34158	4.25034	1.10743	1
cg03706893	2NF223	0.0221454	0.0252348	0.586202	-1.70586	0.0148724	0.3685	-2.71465	0.0132867	0.411287	1.11287	0.0228323	0.2332	0.2332	0.0117939	0.670647	-1.49106	0.0038353	0.3384014	1.22544	0.0996463	-1.00054	0.5808884	0.9555322	-1.04655	0.0001099317	1.71012	1.710117	0.0402725	0.4094155	0.2497148	1
cg23881936	2NF223	0.00251013	0.0415123	0.759909	-1.31595	0.113367	0.817716	-1.22292	0.564097	0.934161	-1.07048	4.68E-05	2.42545	2.42545	0.7189	1.04312	1.04312		0.988167	1.00173	1.00173	0.972462	0.995976	-1.00404	0.455776	0.9150997	-1.09278	0.56266	1.933921	-1.07075	9.0213	1.94927	0.192066	1
cg27148452	2NF223	0.00282017	0.353351	0.767055	-1.41702	0.00166778	0.194367	-5.14491	0.822263	1.08559	1.08559	0.00208858	0.205816	-4.85824	0.00883245	0.162193	-6.16551		0.00428008	0.247885	-4.03413	0.209833	1.61995	1.61995	0.478496	1.30082	1.30082	0.132517	0.552957	0.808466	0.617643	18.3916	1.87555	1
cg18488075	2NF223	0.00590066	0.0040727	0.538026	-1.85862	0.0011555	0.28562	-3.5008	0.0128	0.534683	1.18772	0.18772	0.0038648	0.40728	0.4547072	0.0275828	-3.63107	-0.03842	0.0195934	0.462242	0.0001	1.79526	0.0275834	0.194611	-5.14145	0.561718	0.05189	1
cg07737564	2NF223;2NF223	0.0385091	0.0283765	0.475041	-2.10508	0.0889175	1.71557	1.71557	0.317044	1.34655	1.34655	0.80888	0.932667	-1.07219	0.121561	0.617028	-1.62067		0.553157	0.840819	-1.18932	0.0807552	0.572866	-1.74561	0.0416278	1.96539	1.96539	0.05707557	1.857655	1.857655	1.37489	4.89503	1.165	1
cg18728125	2NF224	0.0142442	0.0042403	0.5139	-1.94592	0.0004433	0.26534	-3.76908	0.0004214	0.418939	-2.38639	0.0087358	0.511032	-1.95803	0.0004622	0.514784	-1.94262		0.0747314	0.473114	-2.11365	0.0882354	0.185742	5.384172	0.0001756	0.382904	2.612791	0.0297759	2.32271	1.322771	0.9313112	17.0476	7.5863	1
cg22012835	2NF224	0.00623603	0.316345	0.834283	-1.19863	0.00734192	2.44888	2.44888	0.000976702	2.53801	2.53801	0.732985	0.941865	-1.06172	0.0152953	1.47423	1.47423		0.969391	0.993311	-1.00673	0.762875	1.05435	1.05435	0.674935	0.43089	1.43089	0.060875	1.44911	1.44911	0.8569	3.32201	0.430647	1
cg03600486	2NF224	0.0074377	0.206283	0.660054	-1.51503	0.000399024	0.172754	-5.78859	0.373588	1.32931	1.32931	0.0645918	0.523655	-1.90965	0.00198886	0.256481	-3.89893		0.570148	0.836246	-1.19582	0.9678353	0.98752	-1.01264	0.843941	0.9404049	-1.06334	0.578996	1.19084	1.19084	6.49094	9.98332	1.36715	1
cg18246544	2NF224	0.0509813	0.1439683	1.32986	1.32986	0.0264443	1.96311	1.96311	0.0263	2.08534	0.0600614	1.838363	1.838363	0.0196451	1.853264	2.481793	0.8169	1.3863	1.3863	0.0025915	1.402523	1.402523	0.0207559	1.32824	1.32824	0.2829706	1.32271	1.322771	0.9313112	17.0476	7.5863	1
cg26489638	2NF224	0.0419172	0.431187	1.10825	1.10825	0.329829	1.13795	1.13795	0.06192	0.762541	-1.31141	0.316706	0.875448	-1.14227	0.1413954	0.816088	-1.22536		0.207538	0.842997	-1.18624	0.0028034	0.588058	-1.69763	0.317457	0.875641	-1.14202	0.21359	1.18329	1.183293	0.61597	0.9468115	0.232492	1
cg23041193	2NF224;2NF224	0.0386631	0.286848	0.818304	-1.22196	0.0788902	1.05062	1.05062	0.0290643	1.49722	-1.37192	0.7159427	1.34356	1.34356	0.0009666	1.88202	1.88202	0.0145815	0.4700547	1.1342	1.1342	0.183563	1.10792	1.107924	0.4778888	8.1258	1.90686	1
cg26649251	2NF224;2NF224	0.036931	0.1980791	1.27866	1.27866	0.0859127	1.4091	1.4091	0.56822	0.901017	-1.10986	0.0886143	1.40417	1.40417	0.385929	0.851617	1.17424		0.799533	0.955056	-1.04706	0.00220573	0.4605227	-2.17142	0.527223	0.8906887	-1.12273	0.974025	0.994134	-1.0059	3.79244	1.96138	0.459717	1
cg08320228	2NF225	0.0122414	0.0129258	0.74009	-1.35135	3.58E-06	0.227888	-4.38827	0.0010888	0.675969	-1.47936	0.00152629	1.34481	1.34481	0.0024561	1.643652	-2.10706		0.975588	0.995788	-1.00423	0.5556	0.997088	2.60708	0.0193967	0.928049	-1.07753	24.4021	7.69422	0.2678904	1
cg01555674	2NF225;2NF225	0.00279421	0.00335915	0.13583	1.30583	0.202052	1.09426	1.09426	0.2286	0.919969	-1.08818	0.904854	1.00803	1.00803	0.906172	1.00792	1.00792		0.04648833	1.16474	1.16474	0.601027	0.96533	-1.03591	0.139468	0.8991107	-1.11221	0.0005144	1.25744	0.5744302	0.6190886	0.062961	1
cg15682057	2NF222;2NF222	0.00353357	0.8941932	0.976634	-1.02392	0.000173246	3.10454	3.10454	0.0477355	1.49515	1.49515	0.723772	0.9368898	-1.06508	0.565308	0.9018826	-1.10879		0.280892	0.819437	-1.22035	0.00682793	0.5365544	-1.86378	0.106121	1.36829	1.36829	0.701343	0.9331825	-1.07086	8.15048	4.07504	0.444422	1
cg21604333	2NF222;2NF222	0.00861495	0.9567861	0.985746	-1.01459	0.000731292	3.45678	3.45678	0.0505	1.50231	1.50231	0.7319224	0.9255	0.9255	0.8185935	1.26476	1.26476	0.7004265	0.438681	1.12314	1.12314	0.6774654	0.9905	-1.00959	0.427297	0.91023	-1.09862	6.73E-05	0.428689	-2.33269	27.8846	5.947562	0.1895951	1
cg00850683	2NF222;2NF222	0.0490999	0.237978	0.707025	-1.41438	0.0237609	0.460104	-2.13172	0.41942	1.26034	0.95093	1.074741	1.01741	0.436354	0.8003344	1.24946	0.1142447	0.617643	-1.61906	0.0591772	0.3643024	-2.74496	0.100732	0.6039381	-1.65568	0.201575	1.45971	1.459571	0.34158	4.25034	1.10743	1
cg03706893	2NF223	0.0221454	0.0252348	0.586202	-1.70586	0.0148724	0.3685	-2.71465	0.0132867	0.411287	1.11287	0.0228323	0.2332	0.2332	0.0117939	0.670647	-1.49106	0.0038353	0.3384014	1.22544	0.0996463	-1.00054	0.5808884	0.9555322	-1.04655	0.0001099317	1.71012	1.710117	0.0402725	0.4094155	0.2497148	1
cg23881936	2NF223	0.00251013	0.0415123	0.759909	-1.31595	0.113367	0.817716	-1.22292	0.564097	0.934161	-1.07048	4.68E-05	2.42545	2.42545	0.7189	1.04312	1.04312		0.988167	1.00173	1.00173	0.972462	0.995976	-1.00404	0.455776	0.9150997	-1.09278	0.56266	1.933921	-1.07075	9.0213	1.94927	0.192066	1
cg27148452	2NF223	0.00282017	0.353351	0.767055	-1.41702	0.00166778	0.194367	-5.14491	0.822263	1.08559	1.08559	0.00208858	0.205816	-4.85824	0.00883245	0.162193	-6.16551		0.00428008	0.247885	-4.03413	0.209833	1.61995	1.61995	0.478496	1.30082	1.30082	0.132517	0.552957	0.808466	0.617643	18.3916	1.87555	1
cg18488075	2NF223	0.00590066	0.0040727	0.538026	-1.85862	0.0011555	0.28562	-3.5008	0.0128	0.534683	1.18772	0.18772	0.0038648	0.40728	0.4547072	0.0275828	-3.63107	-0.03842	0.0195934	0.462242	0.0001	1.79526	0.0275834	0.194611	-5.14145	0.561718	0.05189	1
cg07737564	2NF223;2NF223	0.0385091	0.0283765	0.475041	-2.10508	0.0889175	1.71557	1.71557	0.317044	1.34655	1.34655	0.80888	0.932667	-1.07219	0.121561	0.617028	-1.62067		0.553157	0.840819	-1.18932	0.0807552	0.572866	-1.74561	0.0416278	1.96539	1.96539	0.05707557	1.857655	1.857655	1.37489	4.89503	1.165	1
cg18728125	2NF224	0.0142442	0.0042403	0.5139	-1.94592	0.0004433	0.26534	-3.76908	0.0004214	0.418939	-2.38639	0.0087358	0.511032	-1.95803	0.0004622	0.514784	-1.94262		0.0747314	0.473114	-2.11365	0.0882354	0.185742	5.384172	0.0001756	0.382904	2.612791	0.0297759	2.32271	1.322771	0.9313112	17.0476	7.5863	1
cg22012835	2NF224	0.00623603	0.316345	0.834283	-1.19863	0.00734192	2.44888	2.44888	0.000976702	2.53801	2.53801	0.732985	0.941865	-1.06172	0.0152953	1.47423	1.47423		0.969391	0.993311	-1.00673	0.762875	1.05435	1.05435	0.674935	0.43089	1.43089	0.060875	1.44911	1.44911	0.8569	3.32201	0.430647	1
cg03600486	2NF224	0.0074377	0.206283	0.660054	-1.51503	0.000399024	0.172754	-5.78859	0.373588	1.32931	1.32931	0.0645918	0.523655	-1.90965	0.00198886	0.256481	-3.89893		0.570148	0.836246	-1.19582	0.9678353	0.98752	-1.01264	0.843941	0.9404049	-1.06334	0.578996	1.19084	1.19084	6.49094	9.98332	1.36715	1
cg18246544	2NF224	0.0509813	0.1439683	1.32986	1.32986	0.0264443	1.96311	1.96311	0.0263	2.08534	0.0600614	1.838363	1.838363	0.0196451	1.853264	2.481793	0.8169	1.3863	1.3863	0.0025915	1.402523	1.402523	0.0207559	1.32824	1.32824	0.2829706	1.32271	1.322771	0.9313112	17.0476	7.5863	1
cg26489638	2NF224	0.0419172	0.431187	1.10825	1.10825	0.329829	1.13795	1.13795	0.06192	0.762541	-1.31141	0.316706	0.875448	-1.14227	0.1413954	0.816088	-1.22536		0.207538	0.842997	-1.18624	0.0028034	0.588058	-1.69763	0.317457	0.875641	-1.14202	0.21359	1.18329	1.183293	0.61597	0.9468115	0.232492	1
cg23041193	2NF224;2NF224	0.0386631	0.286848	0.818304	-1.22196	0.0788902	1.05062	1.05062	0.0290643	1.49722	-1.37192	0.7159427	1.34356	1.34356	0.0009666	1.88202	1.88202	0.0145815	0.4700547	1.1342	1.1342	0.183563	1.10792	1.107924	0.4778888	8.1258	1.90686	1
cg26649251	2NF224;2NF224	0.036931	0.1980791	1.27866	1.27866	0.0859127	1.4091	1.4091	0.56822	0.901017	-1.10986	0.0886143	1.40417	1.40417	0.385929	0.851617	1.17424		0.799533	0.955056	-1.04706	0.00220573	0.4605227	-2.17142	0.527223	0.8906887	-1.12273	0.974025	0.994134	-1.0059	3.79244	1.96138	0.459717	1
cg08320228	2NF225	0.0122414	0.0129258	0.74009	-1.35135	3.58E-06	0.227888	-4.38827	0.0010888	0.675969	-1.47936	0.00152629	1.34481	1.34481	0.0024561	1.643652	-2.10706		0.975588	0.995788	-1.00423	0.5556	0.997088	2.60708	0.0193967	0.928049	-1.07753	24.4021	7.69422	0.2678904	1
cg01555674	2NF225;2NF225	0.00279421	0.00335915	0.13583	1.30583	0.202052	1.09426	1.09426	0.2286	0.919969	-1.08818	0.904854	1.00803	1.00803	0.906172	1.00792	1.00792		0.04648833	1.16474	1.16474	0.601027	0.96533	-1.03591	0.139468	0.8991107	-1.11221	0.0005144	1.25744	0.5744302	0.6190886	0.062961	1
cg15682057	2NF222;2NF222	0.00353357	0.8941932	0.976634	-1.02392	0.000173246	3.10454	3.10454	0.0477355	1.49515	1.49515	0.723772	0.9368898	-1.06508	0.565308	0.9018826	-1.10879		0.280892	0.819437	-1.22035	0.00682793	0.5365544	-1.86378	0.106121	1.36829	1.36829	0.701343	0.9331825	-1.07086	8.15048	4.07504	0.444422	1
cg21604333	2NF222;2NF222	0.00861495	0.9567861	0.985746	-1.01459	0.000731292	3.45678	3.45678	0.0505	1.50231	1.50231	0.7319224	0.9255	0.9255	0.8185935	1.26476	1.26476	0.7004265	0.438681	1.12314	1.12314	0.6774654	0.9905	-1.00959	0.427297	0.91023	-1.09862	6.73E-05	0.428689	-2.33269	27.8846	5.947562	0.1895951	1
cg00850683	2NF222;2NF222	0.0490999	0.237978	0.707025	-1.41438	0.0237609	0.460104

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg22442168	ZNF236	0.0335137	0.0152001
cg02704999	ZNF236	0.0401988	0.750786
cg26177544	ZNF236	0.0494579	0.889358
cg06398181	ZNF236;ZNF236	0.0162563	0.725862
cg14075221	ZNF238	0.0421336	0.0336501
cg02497700	ZNF238	0.0475412	0.769682
cg05899338	ZNF239;ZNF239;ZNF239	0.00456294	0.598908
cg12802570	ZNF239;ZNF239;ZNF239	0.0109247	0.320965
cg07541020	ZNF239;ZNF239;ZNF239	0.035276	0.00894587
cg23935253	ZNF239;ZNF239;ZNF239	0.0429169	0.849802
cg18745239	ZNF239;ZNF239;ZNF239;ZNF239	0.000235783	0.209818
cg09042449	ZNF239;ZNF239;ZNF239;ZNF239	0.00227736	0.0948036
cg04825431	ZNF239;ZNF239;ZNF239;ZNF239;ZNF239	0.00306418	0.020161
cg12835924	ZNF239;ZNF239;ZNF239;ZNF239;ZNF239;ZNF239	0.0029791	0.0824763
cg26061898	ZNF24	0.000109921	1.91E-05
cg24445996	ZNF24	0.00016273	0.0300002
cg21778174	ZNF24	0.0049702	0.0715419
cg23273301	ZNF24	0.0064194	0.925407
cg05422369	ZNF24	0.0163174	0.0887935
cg12747622	ZNF24	0.0322014	0.769859
cg12725284	ZNF24	0.0440834	0.495309
cg02253552	ZNF248	0.000117831	0.0002176
cg12309550	ZNF248	0.000283543	0.00235535
cg08349602	ZNF248	0.00126247	0.00527863
cg24363811	ZNF248	0.00414044	0.00690775
cg03824122	ZNF248	0.00525655	0.0277125
cg16532893	ZNF248	0.0343363	0.941384
cg07640605	ZNF248;ZNF248	0.0201442	0.242064
cg23510153	ZNF248;ZNF248	0.048484	0.133604
cg15594301	ZNF25	1.96E-05	0.131598
cg24146166	ZNF25	0.0111713	0.925389
cg09391093	ZNF25	0.0118723	0.000405043
cg06729093	ZNF25	0.0155871	0.28083
cg02616160	ZNF250;ZNF250	0.000145508	0.000345724
cg15839751	ZNF250;ZNF250	0.000336991	0.00025016
cg05851813	ZNF250;ZNF250	0.00215815	0.100938
cg10333767	ZNF250;ZNF250	0.03267	0.325448
cg15435391	ZNF250;ZNF250	0.0357464	0.0297134
cg25201980	ZNF250;ZNF250	0.0397804	0.966147
cg10639435	ZNF250;ZNF250	0.0401069	0.579963
cg11042902	ZNF250;ZNF250	0.040274	0.0144726
cg07419619	ZNF251	0.00131862	0.00476514
cg06513375	ZNF251	0.0117935	0.00440197
cg25350065	ZNF251	0.013532	0.00517151
cg20046119	ZNF251	0.017592	0.00111429
cg00117018	ZNF251	0.0216025	0.0401104
cg21918548	ZNF251	0.0280828	0.649633
cg03485988	ZNF251	0.0299398	0.00832714
cg21494512	ZNF251	0.0399579	0.0721208
cg26816023	ZNF252	0.000844801	0.750129
cg04044206	ZNF252;C8orf77	7.15E-07	1.98E-07
cg05006903	ZNF252;C8orf77	0.00593102	0.0495861
cg03307092	ZNF252;C8orf77	0.00694512	0.07803
cg16497583	ZNF252;C8orf77	0.0079932	?
cg00295887	ZNF252;C8orf77	0.0103955	0.34671
cg25928190	ZNF252;C8orf77	0.0318654	0.117888
cg03629577	ZNF252;C8orf77	0.0403492	0.0977974
cg01644723	ZNF252;C8orf77	0.0408267	0.364725
cg22396980	ZNF252;C8orf77	0.0464429	0.240007
cg13384122	ZNF252;TMED10P	1.96E-05	5.35E-06
cg21544702	ZNF252;TMED10P	0.000335436	0.0154003
cg04764300	ZNF252;TMED10P	0.0213723	0.560714
cg17739046	ZNF253	0.0043444	0.0390142
cg15595599	ZNF253	0.00517858	0.775218
cg02831090	ZNF253	0.0170063	0.271253
cg08232320	ZNF253	0.0363293	0.0204212
cg09777776	ZNF254	0.00684709	0.055592
cg02286642	ZNF254;ZNF254	0.000337408	0.0240556
cg04571847	ZNF254;ZNF254	0.0356892	0.0485702
cg08575972	ZNF256	3.91E-05	0.455083
cg23484087	ZNF256	0.00552363	0.465439
cg14599315	ZNF256	0.00636907	0.047871
cg12048031	ZNF256	0.00777608	0.0242751
cg17323604	ZNF256	0.00928491	0.0166072
cg02959669	ZNF256	0.0109315	0.0585131
cg00541956	ZNF256	0.012253	0.820266
cg22731359	ZNF256	0.0137584	0.876026
cg01284116	ZNF256	0.0241398	0.304314
cg26013057	ZNF256	0.0458665	0.0930071
cg06394874	ZNF257	0.00138172	0.232124
cg25360861	ZNF257	0.00166114	0.126362
cg11619707	ZNF257	0.00241982	0.0884481
cg24175803	ZNF257	0.0222	0.332452
cg06852575	ZNF257	0.0229172	0.113042
cg20708961	ZNF257	0.034645	0.318544
cg05663891	ZNF257	0.0475678	0.183029
cg02912127	ZNF257;ZNF257	0.00201489	0.555947
cg24072202	ZNF257;ZNF257	0.00775625	0.489894
cg25514554	ZNF257;ZNF257	0.0289664	0.199117
cg20570279	ZNF259	0.000432891	0.000691449
cg05447673	ZNF259	0.00718642	0.127069
cg26548001	ZNF259	0.0169415	0.945793
cg19345149	ZNF259	0.0408251	0.0504763
cg14025044	ZNF26	9.32E-06	3.17E-05
cg01592369	ZNF26	4.20E-05	9.94E-06
cg05989669	ZNF26	0.0010727	0.0142492
cg07919753	ZNF26	0.00332883	0.611631
cg08333839	ZNF26	0.00349863	0.934429
cg14467738	ZNF26	0.00582015	0.165343
cg03639749	ZNF26	0.0207389	0.0173215
cg05754408	ZNF26	0.0410458	0.202921
cg25505109	ZNF260;ZNF260;ZNF260;ZNF260	0.000218162	0.637585
cg07797438	ZNF260;ZNF260;ZNF260;ZNF260	0.000608135	0.926459
cg14774550	ZNF260;ZNF260;ZNF260;ZNF260	0.00240315	0.00272144
cg24909706	ZNF260;ZNF260;ZNF260;ZNF260	0.00242692	0.0122953
cg00131081	ZNF260;ZNF260;ZNF260;ZNF260	0.00970502	0.0278757
cg15601652	ZNF260;ZNF260;ZNF260;ZNF260	0.0457819	0.83285
cg06454848	ZNF260;ZNF260;ZNF260;ZNF260;ZNF260;ZNF260;ZNF260;ZNF260	0.0121995	0.207137
cg16748088	ZNF263	0.00830153	0.0485551
cg27049727	ZNF263	0.0322972	0.414171
cg06428091	ZNF263	0.0326331	0.292925
cg17171916	ZNF263;ZNF263	0.0007761	0.188984
cg02898962	ZNF263;ZNF263	0.00130153	0.646577
cg27176357	ZNF264	1.24E-05	1.59E-05
cg16636110	ZNF264	6.37E-05	0.000254114
cg10368128	ZNF264	0.000204097	0.00026698
cg18344466	ZNF264	0.000327343	0.000345595
cg05341610	ZNF264	0.000353374	0.856538
cg22839223	ZNF264	0.000508012	0.00325082
cg17670646	ZNF264	0.000738243	0.00953163
cg08047939	ZNF264	0.000756659	0.00341837
cg18576158	ZNF264	0.00108909	0.00597374
cg26970847	ZNF264	0.00190576	0.62652
cg00368987	ZNF264	0.00421368	0.458064
cg15257259	ZNF264	0.00573392	0.201683
cg02779761	ZNF264	0.0116724	0.160235
cg07642463	ZNF264	0.0127315	0.266504
cg25800082	ZNF264	0.0171048	0.879637
cg08504049	ZNF264;ZNF264	0.00529419	0.940204
cg22307908	ZNF264;ZNF264	0.00614794	0.073534
cg07589201	ZNF266;ZNF266	0.00142407	0.344054
cg13593090	ZNF266;ZNF266	0.00294646	0.0168314
cg15727925	ZNF266;ZNF266	0.00709131	0.0294318
cg07306197	ZNF266;ZNF266	0.00852479	0.413714
cg21116314	ZNF266;ZNF266	0.0208182	0.0288597
cg07769569	ZNF266;ZNF266	0.0257855	0.0198337
cg25619184	ZNF266;ZNF266	0.0290903	0.138691
cg24641664	ZNF266;ZNF266	0.0472296	0.185191
cg01329093	ZNF266;ZNF266;ZNF266;ZNF266	0.0467527	0.795856

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10387512	ZNF267	0.00645108	0.99951	1.00038	1.00038	0.441765	0.61591	-1.62361	0.067607	0.282196	-3.54363	0.481102	0.642433	-1.55658	0.28695	0.504996	-1.98022
cg27118035	ZNF267	0.0129502	0.00694268	0.149298	-6.69801	0.51859	1.42804	1.42804	0.290518	0.550331	-1.81709	0.00591182	0.140781	-7.10321	0.019737	0.215879	-4.63222
cg14238722	ZNF268;ZNF268;ZNF268;ZNF268;ZNF26 8;ZNF268;ZNF268;ZNF268;ZNF268	0.00147638	0.0189051	0.662476	-1.50949	0.000144219	0.387372	-2.5815	0.000504974	0.45503	-2.19766	0.296447	0.854879	-1.16976	0.0194969	0.664351	-1.50523
cg20404336	ZNF268;ZNF268;ZNF268;ZNF268;ZNF26 8;ZNF268;ZNF268;ZNF268;ZNF268	0.00390959	0.22443	0.837315	-1.19429	0.292264	1.1642	1.1642	0.22309	0.836841	-1.19497	0.683324	1.05873	1.05873	0.000218781	0.424271	-2.35699
cg07172885	ZNF268;ZNF268;ZNF268;ZNF268;ZNF26 8;ZNF268;ZNF268;ZNF268;ZNF268	0.00973637	0.0106354	0.354359	-2.82199	0.0853504	1.84839	1.84839	0.123784	1.71324	1.71324	0.326969	0.72119	-1.3866	0.00833156	0.336512	-2.97166
cg26418826	ZNF268;ZNF268;ZNF268;ZNF268;ZNF26 8;ZNF268;ZNF268;ZNF268;ZNF268	0.0129158	0.538751	1.14848	1.14848	0.0100563	0.485489	-2.05978	0.0312782	0.570037	-1.75427	0.371345	0.815317	-1.22652	0.059258	1.60592	1.60592
cg27156267	ZNF268;ZNF268;ZNF268;ZNF268;ZNF26 8;ZNF268;ZNF268;ZNF268;ZNF268;ZNF2 68;ZNF268;ZNF268;ZNF	0.00873199	0.0616058	0.860973	-1.16148	0.0123514	1.24792	1.24792	0.243723	1.09059	1.09059	0.552028	1.04371	1.04371	0.571502	0.96016	-1.04149
cg16698101	ZNF271;ZNF397OS;ZNF271;ZNF397OS	0.00569824	0.0711242	0.813435	-1.22935	0.0279083	1.30487	1.30487	0.00162347	1.58825	1.58825	0.760404	1.03182	1.03182	0.394327	0.914512	-1.09348
cg18676123	ZNF271;ZNF397OS;ZNF271;ZNF397OS;Z NF397OS;ZNF397OS	0.0070357	0.00385741	0.166855	-5.99324	0.667056	0.819511	-1.22024	0.0483645	2.82198	2.82198	0.000477182	0.0802999	-12.4533	0.526681	0.744515	-1.34316
cg03694515	ZNF271;ZNF397OS;ZNF271;ZNF397OS;Z NF397OS;ZNF397OS	0.0125156	0.537258	0.915216	-1.09264	0.00266641	0.554828	-1.80236	0.00140466	0.518949	-1.92697	0.440276	0.89439	-1.11808	0.226927	0.835349	-1.1971
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10387512	0.00014765	0.017737	-56.3792	0.0672787	3.55028	3.55028	0.549381	1.45397	1.45397	0.320396	1.88588	1.88588	6.78525	41.0282	5.37481	1
cg27118035	0.0464524	0.288872	-3.46174	0.00698843	0.149655	-6.68205	0.410968	1.58051	1.58051	0.0348532	0.262111	-3.81517	5.43696	25.5255	4.17317	1
cg14238722	0.590896	0.924414	-1.08177	0.0713124	1.33876	1.33876	0.603039	0.926826	-1.07895	0.0106156	0.627887	-1.59264	10.5276	3.49773	0.295329	1
cg20404336	0.0359956	0.712207	-1.40409	0.00281936	0.564156	-1.77256	0.00758366	0.620128	-1.61257	0.142338	0.802966	-1.24538	7.90676	2.42422	0.272535	1
cg07172885	0.55036	1.21551	1.21551	0.00697072	0.32389	-3.08746	0.0128305	0.368542	-2.71339	0.433886	0.772661	-1.29423	5.96129	9.84943	1.46865	1
cg26418826	0.0304516	1.7608	1.7608	0.0153436	1.93852	1.93852	0.0958785	0.665766	-1.50203	0.84857	1.04344	1.04344	5.44168	4.26439	0.696581	1
cg27156267	0.126406	1.12475	1.12475	0.142815	0.89406	-1.11849	0.0604969	1.16241	1.16241	0.000761486	1.43721	1.43721	6.17123	0.494079	0.0711659	1
cg16698101	0.192284	0.868175	-1.15184	0.00209913	0.641978	-1.55769	0.366999	1.09957	1.09957	0.73689	0.966051	-1.03514	7.0504	1.17152	0.147701	1
cg18676123	0.240956	0.568603	-1.7587	0.202576	0.538638	-1.85653	0.0330972	0.317943	-3.14522	0.71346	0.84398	-1.18486	6.60463	22.1258	2.97781	1
cg03694515	0.0205371	0.673174	-1.4855	0.0129382	0.645638	-1.54886	0.0313492	0.698981	-1.43065	0.16785	0.811838	-1.23177	5.49781	1.75117	0.283131	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03464132	ZNF286B;FOXO3B	0.0181659	0.974298	0.994907	-1.00512	0.00656684	1.74978	1.74978	0.0243623	1.52994	1.52994	0.270426	1.19945	1.19945	0.262325	0.830914	-1.20349
cg02278959	ZNF286B;FOXO3B	0.0331046	0.0289075	0.630565	-1.58588	0.0655182	0.690706	-1.44779	0.558991	1.11158	1.11158	0.457614	0.873358	-1.14501	0.193952	1.27894	1.27894
cg22536211	ZNF287	0.00159107	0.621032	1.09835	1.09835	0.00221315	0.44609	-2.2417	0.0100465	0.542478	-1.84339	0.546813	0.891562	-1.12163	0.981254	0.995587	-1.00443
cg06681220	ZNF287	0.0136742	0.0599586	0.724764	-1.37976	0.0214009	0.657475	-1.52097	0.82094	0.966198	-1.03498	0.836402	0.969123	-1.03186	0.797399	0.96173	-1.03979
cg24849872	ZNF287	0.018395	0.638343	1.14052	1.14052	0.00365147	2.98005	2.98005	0.0463696	1.88466	1.88466	0.021412	2.15487	2.15487	0.905274	0.967477	-1.03362
cg02295078	ZNF287	0.03358	0.601811	1.09422	1.09422	?	?	?	0.570083	0.906501	-1.10314	0.0334898	1.52937	1.52937	0.0370458	1.51303	1.51303
cg19734779	ZNF287;ZNF287	0.00256444	0.108746	0.796543	-1.25542	0.398895	1.11886	1.11886	0.00040263	2.07861	2.07861	0.0313679	0.720121	-1.38866	0.0720989	0.77025	-1.29828
cg26477387	ZNF292	0.00130936	0.531292	1.15219	1.15219	0.000235327	0.256163	-3.90376	0.0124299	0.499081	-2.00368	0.918319	0.977344	-1.02318	0.00178588	0.370397	-2.69981
cg22202121	ZNF292	0.00234215	0.629634	1.16464	1.16464	0.311714	0.720179	-1.38854	2.43E-05	0.0716	-13.9665	0.161707	0.625821	-1.5979	0.596014	0.845511	-1.18272
cg23313379	ZNF292	0.00348968	0.0167227	0.691731	-1.44565	0.000506905	0.503803	-1.9849	0.0669786	0.771749	-1.29576	0.0456406	0.748883	-1.33532	0.00772134	0.649316	-1.54008
cg17173891	ZNF292	0.0104685	0.954238	1.01338	1.01338	0.00195233	0.362717	-2.75697	0.039985	0.57716	-1.73262	0.0608395	1.63113	1.63113	0.040767	1.7278	1.7278
cg15511114	ZNF292	0.0283157	0.0255014	0.748338	-1.33629	0.706173	0.95948	-1.04223	0.195217	0.86103	-1.1614	0.126218	1.19804	1.19804	0.0110101	1.41671	1.41671
cg24467794	ZNF295;ZNF295;ZNF295	0.00151876	0.813559	1.02065	1.02065	0.153084	1.14155	1.14155	0.31083	1.09498	1.09498	0.40218	0.928497	-1.07701	0.441997	1.07019	1.07019
cg24349573	ZNF295;ZNF295;ZNF295;ZNF295;ZNF295;ZNF295	0.00126943	0.0330038	1.89527	1.89527	0.286422	0.752859	-1.32827	0.0914066	0.620832	-1.61074	0.311615	0.764575	-1.30792	2.08E-05	0.110502	-9.04959
cg01320040	ZNF295;ZNF295;ZNF295;ZNF295;ZNF295;ZNF295	0.0239424	0.0550994	0.791891	-1.2628	0.420622	1.09229	1.09229	0.442445	1.08766	1.08766	0.0160212	0.728833	-1.37206	0.122	0.835406	-1.19702
cg11064558	ZNF295;ZNF295;ZNF295;ZNF295;ZNF295;ZNF295	0.028281	0.10067	0.838441	-1.19269	0.282074	1.11577	1.11577	0.0135848	0.741369	-1.34886	0.325696	0.905338	-1.10456	0.162505	1.15734	1.15734
cg24030434	ZNF296	2.34E-05	0.391213	0.88192	-1.13389	3.49E-05	0.318531	-3.13941	1.09E-05	0.261837	-3.81917	0.705018	1.0559	1.0559	2.54E-05	0.30272	-3.30339
cg23633937	ZNF296	3.14E-05	0.00188127	0.66165	-1.51137	0.241675	0.891504	-1.1217	0.0025728	0.675921	-1.47946	0.284261	1.10987	1.10987	3.51E-07	0.251856	-3.97052
cg06474082	ZNF296	3.70E-05	0.449492	1.0695	1.0695	0.27531	1.10402	1.10402	0.002641	1.43732	1.43732	9.86E-06	2.28938	2.28938	0.0605096	0.831485	-1.20267
cg15732530	ZNF296	0.000147042	0.393854	0.86714	-1.15322	1.61E-05	4.27086	4.27086	4.72E-05	3.49789	3.49789	0.0232961	0.642408	-1.55664	0.791346	1.04423	1.04423
cg22507639	ZNF296	0.000305972	0.151457	0.699282	-1.43004	0.000346403	3.8174	3.8174	4.81E-05	5.93319	5.93319	0.00168382	2.84293	2.84293	0.00388242	0.404513	-2.47211
cg11550126	ZNF296	0.00181859	0.43153	0.809887	-1.23474	0.507821	0.838226	-1.19299	0.248563	1.37273	1.37273	0.000320009	4.61759	4.61759	0.103519	0.626465	-1.59626
cg18487515	ZNF296	0.00253965	0.608015	0.815568	-1.22614	0.0263927	2.82233	2.82233	0.0243803	2.87818	2.87818	0.000659695	7.81344	7.81344	0.905232	1.04805	1.04805
cg17710947	ZNF296	0.0173164	0.596308	1.25103	1.25103	0.000635133	9.01158	9.01158	0.0185528	3.30703	3.30703	0.140485	1.94313	1.94313	0.177575	0.548651	-1.82265
cg01027411	ZNF296	0.0248745	0.0575041	0.420401	-2.37868	0.0357104	2.68032	2.68032	0.0288734	2.82749	2.82749	0.0655995	2.30138	2.30138	0.0441367	0.393442	-2.54167
cg00275232	ZNF296	0.0309906	0.236856	3.476	3.476	0.0835102	6.86017	6.86017	0.0123723	22.8831	22.8831	0.0170291	18.6279	18.6279	?	?	?
cg17769442	ZNF296	0.035694	0.216544	0.552428	-1.81019	0.0584306	2.65333	2.65333	0.0491885	2.78603	2.78603	0.607988	1.26631	1.26631	0.364829	0.653809	-1.5295
cg16654143	ZNF296	0.0445986	0.372072	0.352963	-2.83315	0.119973	6.79959	6.79959	0.0296736	18.3317	18.3317	0.0149312	30.0026	30.0026	0.659765	0.604452	-1.65439
cg27077312	ZNF296	0.0463475	0.328981	0.564529	-1.77139	0.307605	1.82095	1.82095	0.164292	0.430781	-2.32136	0.0761839	0.326368	-3.06402	0.0258265	0.222704	-4.49027
cg10755516	ZNF2;ZNF2	0.000753834	0.0608451	0.77919	-1.28338	0.725591	1.04249	1.04249	0.518843	0.925686	-1.08028	1.19E-05	0.335001	-2.98507	0.82073	1.02716	1.02716
cg21964611	ZNF2;ZNF2	0.00835181	0.844961	0.930017	-1.07525	0.00416744	0.24101	-4.1492	0.621204	0.831451	-1.20272	0.288033	1.50494	1.50494	0.0231039	0.365448	-2.73637
cg12282311	ZNF2;ZNF2	0.00945114	0.014616	0.608402	-1.64365	0.0686313	0.714025	-1.40051	0.751979	1.05379	1.05379	0.0204615	0.630291	-1.58657	0.00106745	0.449718	-2.22361
cg05366272	ZNF2;ZNF2	0.0201892	0.0008916	0.176356	-5.67034	0.429495	1.32476	1.32476	0.363459	0.72203	-1.38498	0.0937714	0.525906	-1.90148	0.0150345	0.352672	-2.83549
cg09541740	ZNF2;ZNF2	0.0269033	0.00350476	0.554961	-1.80193	0.852018	1.02816	1.02816	0.897915	1.01927	1.01927	0.936035	1.01201	1.01201	0.347035	1.15486	1.15486
cg10282920	ZNF2;ZNF2	0.0276039	0.804638	0.966635	-1.03452	0.409189	1.12252	1.12252	0.0295253	0.704048	-1.42036	0.0150535	1.5055	1.5055	0.874338	1.02191	1.02191
cg26881035	ZNF2;ZNF2;ZNF2;ZNF2	0.00764699	0.249888	0.898882	-1.11249	0.498278	1.06284	1.06284	0.0235497	1.27094	1.27094	0.072149	0.837002	-1.19474	0.231759	0.894767	-1.11761
cg23970798	ZNF2;ZNF2;ZNF2;ZNF2	0.00989721	?	?	?	?	?	?	0.00119288	7.88544	7.88544	?	?	?	0.631965	0.852779	-1.17264
cg19486756	ZNF300	6.88E-06	0.0070254	1.37338	1.37338	2.67E-05	0.469836	-2.1284	1.93E-05	0.454039	-2.20245	0.607266	0.9539	-1.04833	0.576473	1.05271	1.05271
cg19014419	ZNF300	0.00402749	0.0266475	1.51378	1.51378	0.898992	1.02025	1.02025	0.000310279	2.51824	2.51824	0.0371087	1.46522	1.46522	0.531122	1.10532	1.10532
cg11291313	ZNF300	0.00990162	0.39746	1.25583	1.25583	0.703191	0.90425	-1.10589	0.000334034	4.57953	4.57953	0.326297	1.30533	1.30533	0.108527	0.631116	-1.58449
cg18237551	ZNF300	0.0163324	0.0845834	1.89331	1.89331	0.0327276	0.43342	-2.30723	0.0253778	2.43328	2.43328	0.0872499	1.88102	1.88102	0.825046	1.0769	1.0769
cg21521779	ZNF300	0.032614	0.305728	1.32957	1.32957	0.134123	1.5433	1.5433	0.00066223	4.05696	4.05696	0.501828	1.20093	1.20093	0.66643	1.12354	1.12354
cg21228005	ZNF300	0.0394532	?	?	?	0.107052	3.50647	3.50647	?	?	?	?	?	?	0.910108	1.08112	1.08112
cg12346881	ZNF300	0.0399109	0.871643	0.922921	-1.08352	0.0297126	0.281023	-3.55842	0.0476913	0.32521	-3.07494	0.0245323	0.264793	-3.77654	0.265567	0.562412	-1.77806
cg03609614	ZNF300;ZNF300	0.0185083	0.397537	1.56721	1.56721	0.00382195	0.084579	-11.8233	?	?	?	?	?	?	?	?	?
cg02991799	ZNF302;ZNF302	0.0014865	0.0257266	1.28687	1.28687	0.00188458	0.657366	-1.52122	0.590603	1.05307	1.05307	0.00784008	0.722608	-1.38388	0.000540781	0.599171	-1.66897
cg18934409	ZNF302;ZNF302	0.00198559	0.573254	1.19989	1.19989	0.16184	0.619845	-1.61331	0.0700541	0.52283	-1.91267	0.118695	0.581414	-1.71994	0.00547822	0.310532	-3.22028
cg09106556	ZNF302;ZNF302	0.00354136	0.868334	0.983658	-1.01661	0.807538	1.02453	1.02453	0.81141	1.02402	1.02402	0.00859973	1.39487	1.39487	0.563996	0.943723	-1.05963
cg22189125	ZNF302;ZNF302	0.00432571	0.319311	1.21511	1.21511	0.000348853	0.336723	-2.9698	0.0264057	0.607515	-1.64605	0.0708885	1.46526	1.46526	0.667763	0.921507	-1.08518
cg19508683	ZNF302;ZNF302	0.0253815	0.0396711	1.25974	1.25974	0.0011501	1.62123	1.62123	0.56486	1.05685	1.05685	0.0163375	1.33323	1.33323	0.028668	1.28579	1.28579
cg10181615	ZNF302;ZNF302	0.0341501	0.249385	0.858526	-1.16479	0.166191	1.20571	1.20571	0.455748	0.908233	-1.10104	0.0378431	0.737032	-1.35679	0.0324028	1.37351	1.37351
cg13337697	ZNF302;ZNF302;ZNF302;ZNF302	0.000619275	0.0301302	0.746861	-1.33894	0.143126	0.835177	-1.19735	0.187127	1.17355	1.17355	0.851409	0.978765	-1.0217	0.00244495	0.617186	-1.62026
cg22376081	ZNF304	0.00022534	0.0499626	0.711153	-1.40617	0.000111246	2.81891	2.81891	0.0332822	1.46136	1.46136	0.0452478	1.41943	1.41943	0.00543757	0.57253	-1.74663
cg04546041	ZNF304	0.00163417	0.0906511	0.535159	-1.8686	0.0801876	0.521536	-1.91741	0.0147547	0.365537	-2.7357	2.42E-05	0.0595417	-16.795	0.0927172	0.537708	-1.85975
cg04685743	ZNF304	0.00440588	0.486782	1.15365	1.15365	0.361927	1.20913	1.20913	0.472288	0.862504	-1.15941	0.696451	0.923879	-1.08239	0.878232	0.969531	-1.03143
cg13788592	ZNF304	0.0078283	0.0119312	0.759803	-1.31613	0.0486099	0.821007	-1.21802	0.809905	1.02132	1.02132	0.631476	1.04322	1.04322	0.0142244	1.30315	1.30315
cg24788771	ZNF304	0.0103661	0.0344873	0.320219	-3.12287	0.248855	0.573139	-1.74478	0.0442671	0.344012	-2.90687	0.707867	1.18986	1.18986	0.000337198	0.0693338	-14.423
cg27366815	ZNF304	0.046539	0.0955329	0.353759	-2.82678	0.0170041	0.191763	-5.21477	0.145532	0.411941	-2.42753	0.085719	0.340347	-2.93817	0.00323723	0.102379	-9.76767
cg07494047	ZNF304;ZNF304	0.0008005	0.000798798	1.41307	1.41307	0.291378	1.07763	1.07763	0.0131526	1.23363	1.23363	0.0445879	0.854285	-1.17057	0.0178018	1.21744	1.21744
cg18740839	ZNF30;ZNF30;ZNF30;ZNF30	0.000123585	0.000454321	0.253292	-3.94802	0.00019344	0.210235	-4.75658	0.0192869	0.494854	-2.0208	0.307361	1.30037	1.30037	0.000127494	0.190774	-5.2418
cg23684682	ZNF30;ZNF30;ZNF30;ZNF30	0.00890114	0.158797	0.781163	-1.28014	0.0718848	1.39023	1.39023	0.00153485	2.1117	2.1117	0.0618984	0.708402	-1.41163	0.257858	0.823983	-1.21362
cg00473929	ZNF30;ZNF30;ZNF30;ZNF30	0.0190035	0.397735	1.18759	1.18759	0.0548325	0.648944	-1.54096	0.00475469	0.475024	-2.10515	0.248324	0.786928	-1.27076	0.00109608	0.38441	-2.60139
cg26127652	ZNF311	1.08E-05	0.0409858	0.700524	-1.4275	0.0034275	0.548802	-1.82215	0.00164712	1.97384	1.97384	0.211821	0.819969	-1.21956	0.106547	0.766482	-1.30466
cg09435617	ZNF311	2.36E-05	0.000464671	0.313385	-3.19096	0.00239572	0.409979	-2.43915	0.00092464	0.352516	-2.83675	0.000641282	0.331454	-3.01701	0.470537	0.856669	-1.16731
cg18798934	ZNF311	4.33E-05	0.826874	0.985121	-1.0151	0.303059	0.929589	-1.07574	0.0691371	1.14933	1.14933	0.0110357	0.803974	-1.24382	0.00208538	0.74344	-1.3451
cg23762632	ZNF311	7.36E-05	1.15E-05	0.200842	-4.97904	0.000221763	0.346317	-2.88753	0.00497177	0.526682	-1.89868	0.0738832	0.709282	-1.40988	6.95E-06	0.17967	-5.56576
cg08681437	ZNF311	7.73E-05	0.488896	0.899109	-1.11221	0.000205252	0.390269	-2.56233	0.000310019	0.412607	-2.42362	5.05E-05	0.316806	-3.15651	0.460306	0.892515	-1.12043
cg27045756	ZNF311	0.000118533	0.780562	1.06532	1.06532	0.819711	0.949591	-1.05308	0.000465931	0.28738	-3.47972	0.000222521	0.248404	-4.02571	2.73E-05	0.153405	-6.51869
cg10111716	ZNF311	0.000124896	0.732919	0.927384	-1.0783	0.36031	0.813031	-1.22996	2.76E-05	0.162275	-6.16237	9.18E-05	0.214953	-4.65217	0.000356193	0.283225	-3.53076
cg19705450	ZNF311	0.000125189	0.000210645	0.273512	-3.65614	0.368106	1.21338	1.21338	0.313908	0.804207	-1.24346	0.00198237	0.400909	-2.49433	0.093347	0.679668	-1.47131
cg14261943	ZNF311	0.000158273	0.768044	0.934369	-1.07024	0.00113851	0.333395	-2.99945	0.00116889	0.334949	-2.98553	0.236303	1.32953	1.32953	1.51E-05	0.12766	-7.83333
cg03458170	ZNF311	0.000210552	0.000491123	0.272282	-3.67267	0.00389125	0.396022	-2.52511	0.00221054	0.359853	-2.77891	0.060401	0.603743	-1.65633	0.000181157	0.221029	-4.52429
cg26380692	ZNF311	0.000286472	0.00178391	0.302504	-3.30574	0.0201528	0.470674	-2.12461	0.00256742	0.324887	-3.07799	0.648628	1.13129	1.13129	1.15E-05	0.0818313	-12.2203
cg12557133	ZNF311	0.000295324	0.000424633	0.368034	-2.71714	0.0392397	0.652328	-1.53297	7.78E-05	0.277885	-3.5986	0.0380564	0.650108	-1.53821	0.0539533	1.47963	1.47963
cg22748740	ZNF311	0.000332363	0.606236	0.808981	-1.23612	0.000718083	0.122583	-8.15774	0.0125032	0.281741	-3.54936	0.652622	0.831331	-1.20289	0.0496923	0.401406	-2.49124
cg24449477	ZNF311	0.000342604	0.0016865	0.648867	-1.54115	0.106573	1.18508	1.18508	1.25E-05	0.411987	-2.42726	0.00823735	0.722037	-1.38497	0.642653	1.04606	1.04606
cg26763835	ZNF311	0.000545506	0.000682409	0.507898	-1.9689	0.133704	0.809645	-1.23511	0.000330653	0.469225	-2.13117	0.031498	0.719433	-1.38998	0.000936836	0.524901	-1.90512
cg01269798	ZNF311	0.000571171	0.0682662	0.723841	-1.38152	0.190304	0.802862	-1.24554	1.19E-05	0.230938	-4.33017	0.0218692	0.646941	-1.54574	0.180128	1.25275	1.25275
cg13911398	ZNF311	0.000681648	0.107181	0.764934	-1.3073	0.000197169	0.385413	-2.59462	0.000376797	0.420601	-2.37755	0.777958	0.957836	-1.04402	0.00178111	0.507753	-1.96946
cg15171221	ZNF311	0.000742685	0.103764	0.701061	-1.42641	0.216777	0.771466	-1.29623	0.101996	0.699543	-1.4295	0.0763642	0.674621	-1.48231	0.311899	0.811516	-1.23226
cg05133398	ZNF311	0.000866003	0.00045498	0.281263	-3.55539	0.068813	0.626453	-1.59629	0.00199093	0.366938	-2.72526	0.000566807	0.293318	-3.40927	0.0147195	0.501843	-1.99265
cg21310336	ZNF311	0.00133133	0.0304708	0.542351	-1.84382	0.405327	0.814779	-1.22733	0.199596	0.721769	-1.38548	0.0787385	0.625165	-1.59958	0.259465	0.753497	-1.32715
cg09842892	ZNF311	0.00141084	0.789096	0.938545	-1.06548	0.0755341	0.626228	-1.59686	0.00892373	0.455194	-2.19687	0.0170419	0.502502	-1.99004	4.90E-05	0.164433	-6.08152
cg09088396	ZNF311	0.0016238	0.183398	0.659814	-1.51558	0.109633	1.6716	1.6716	0.111765	0.600386	-1.66559	4.85E-05	0.105308	-9.49594	0.0511313	0.519808	-1.92379
cg26883712	ZNF311	0.00201656	0.55113	0.878529	-1.13827	0.617578	0.897539	-1.11416	0.466158	0.852775	-1.17264	0.408647	0.834028	-1.199	0.888525	0.97033	-1.03058
cg02004594	ZNF311	0.00202125	0.400985	1.2943	1.2943	0.0949882	1.73427	1.73427	0.180211	0.652424	-1.53275	0.40738	0.775439	-1.28959	0.000379941	0.182061	-5.49265
cg00978875	ZNF311	0.00225706	0.976493	0.989926	-1.01018	0.016702	0.36642	-2.72911	0.00895793	0.319076	-3.13405	0.0903806	0.526645	-1.89881	0.0224253	0.390668	-2.55972
cg14930690	ZNF311	0.00269595	0.500067	1.22551	1.22551	0.00450509	0.324743	-3.07936	0.0026465	0.290654	-3.44051	0.926425	1.02782	1.02782	0.000606526	0.208024	-4.80714
cg01625044	ZNF311	0.00401123	0.43054	1.26184	1.26184	0.601439	0.858698	-1.16455	0.00131334	0.258789	-3.86416	0.104973	1.66882	1.66882	0.0269365	0.468897	-2.13266
cg06527050	ZNF311	0.00424608	0.164488	0.714467	-1.39965	0.231528	0.752409	-1.32906	0.000256283	0.255455	-3.91458	0.778771	0.938152	-1.06593	0.0345942	0.572034	-1.74815
cg20594345	ZNF311	0.00690417	0.604806	0.810788	-1.23337	0.0517343	0.410866	-2.43388	0.144585	0.532802	-1.87687	0.177094	0.561914	-1.77963	0.692258	0.852288	-1.17331
cg00105025	ZNF311	0.00907856	0.1757	0.624037	-1.60247	0.0452505	0.471296	-2.12181	0.144518	0.598517	-1.6708	0.169425	0.619167	-1.61507	0.0927034	0.545589	-1.83288
cg04311326	ZNF311	0.00949926	0.491146	0.863603	-1.15794	0.85215	1.0399	1.0399	0.106716	0.691199	-1.44676	0.255768	0.779755	-1.28245	0.00026996	0.285729	-3.49982
cg08390760	ZNF311	0.0131805	?	?	?	0.975725	0.976765	-1.02379	?	?	?	0.152233	0.305777	-3.27035	0.711856	1.33194	1.33194
cg12505442	ZNF311	0.0161877	0.692973	0.86976	-1.14974	0.00214079	0.219486	-4.5561	0.0255434	0.39336	-2.5422	0.62821	1.18719	1.18719	0.0130865	0.338829	-2.95134
cg04944283	ZNF311	0.0188025	0.825133	0.932085	-1.07286	0.598904	0.84477	-1.18375	0.0333563	0.453696	-2.20412	0.0507193	0.492851	-2.02901	0.00140606	0.229963	-4.34853
cg01400302	ZNF311	0.0191961	0.0135037	0.193813	-5.15962	0.0746225	0.344459	-2.9031	0.0209373	0.225135	-4.44177	0.135268	0.421466	-2.37267	0.0026072	0.106685	-9.37339
cg21010973	ZNF311	0.0297483	0.583027	0.887615	-1.12662	0.00151254	0.374328	-2.67146	0.0409094	0.602053	-1.66098	0.210942	1.32768	1.32768	0.935939	0.982863	-1.01744
cg19380578	ZNF311	0.0300647	0.309935	1.36463	1.36463	0.662753	0.878235	-1.13865	0.623559	1.15763	1.15763	0.0702286	0.54946	-1.81997	0.000878572	0.228598	-4.3745
cg03185827	ZNF311	0.0353696	0.225671	0.786553	-1.27137	0.024019	0.601711	-1.66193	0.0255467	0.60612	-1.64984	0.00199435	0.438867	-2.27859	0.63385	1.09477	1.09477
cg02781447	ZNF311	0.0488525	0.0415487	0.400871	-2.49457	0.0184649	0.32595	-3.06796	0.00659164	0.246643	-4.05445	0.0362342	0.387319	-2.58185	0.360612	0.698402	-1.43184
cg22185558	ZNF311	0.0489129	0.566878	1.41432	1.41432	0.121113	0.365468	-2.73622	0.0891581	0.325429	-3.07287	0.433408	0.619573	-1.61401	0.873799	0.909198	-1.09987
cg01695672	ZNF311	0.0490109	0.44127	0.824519	-1.21283	0.755703	1.07971	1.07971	0.022391	0.510518	-1.9588	0.731891	0.918965	-1.08818	0.114863	0.656187	-1.52395
cg18305433	ZNF311;ZNF311	7.86E-05	0.204097	0.762644	-1.31123	4.06E-05	0.205227	-4.87265	0.035232	0.609056	-1.64189	0.266024	1.26404	1.26404	8.74E-06	0.141998	-7.04235
cg12244205	ZNF311;ZNF311	0.000103714	0.000202835	0.388383	-2.57478	6.13E-05	0.325502	-3.07218	0.0332836	0.685477	-1.45884	0.0776354	0.742533	-1.34674	3.89E-05	0.302448	-3.30636
cg14102966	ZNF311;ZNF311	0.000192723	0.0766373	0.618241	-1.61749	0.000826248	0.292358	-3.42047	0.162921	0.695107	-1.43863	0.0351931	1.82038	1.82038	1.64E-05	0.114623	-8.72424
cg12064504	ZNF311;ZNF311	0.00649914	0.421118	1.45761	1.45761	0.234645	0.564872	-1.77031	0.757019	1.15291	1.15291	0.149018	2.03297	2.03297	0.00269794	0.149471	-6.69025
cg27159032	ZNF317	0.000740576	0.988744	0.998896	-1.0011	0.536536	0.952186	-1.05022	0.00136185	0.694939	-1.43897	0.141351	0.883538	-1.13181	0.0871166	1.15938	1.15938
cg10002088	ZNF317	0.00305006	0.480343	0.895548	-1.11664	0.00524923	1.76141	1.76141	0.000217061	2.58231	2.58231	0.000803776	2.17673	2.17673	0.432957	1.13094	1.13094
cg02479816	ZNF317	0.00831658	0.389965	0.844024	-1.1848	0.177821	0.759086	-1.31737	0.13275	0.731804	-1.36649	0.760999	0.942966	-1.06048	0.326311	0.822771	-1.21541
cg12976832	ZNF317	0.0288404	0.0171812	0.19321	-5.17572	0.00997045	0.158437	-6.31165	0.0403384	0.261599	-3.82264	0.25762	0.512295	-1.952	0.0112684	0.165746	-6.03331
cg14737370	ZNF317	0.0291886	0.263587	1.18328	1.18328	0.0495583	0.723574	-1.38203	0.312987	1.16266	1.16266	0.192097	0.81923	-1.22066	0.00237756	0.54239	-1.84369
cg21115516	ZNF317	0.0451918	0.143383	1.27129	1.27129	0.596994	1.08486	1.08486	0.388469	1.14445	1.14445	0.476229	1.11692	1.11692	0.699691	1.06095	1.06095
cg23735973	ZNF317	0.0459879	0.229102	1.1902	1.1902	0.563457	0.92258	-1.08392	0.0119424	1.54152	1.54152	0.0868172	1.29814	1.29814	0.641804	1.06677	1.06677
cg19358348	ZNF317;ZNF317	0.000174152	4.53E-06	0.0578128	-17.2972	0.000372703	0.214397	-4.66425	0.106377	1.61118	1.61118	0.720357	1.10212	1.10212	0.0292782	0.499251	-2.003
cg11928635	ZNF318	9.50E-05	0.00595766	0.723242	-1.38266	0.00479346	1.40119	1.40119	0.411895	0.927184	-1.07853	0.992248	0.999125	-1.00088	0.376927	1.08513	1.08513
cg23347799	ZNF318	0.000122009	0.000117923	0.346138	-2.88902	0.262439	1.20191	1.20191	0.517761	1.10873	1.10873	0.141689	1.28237	1.28237	3.07E-05	0.277649	-3.60167
cg10219512	ZNF318	0.00746619	0.32359	0.828945	-1.20635	0.396211	1.17312	1.17312	0.17644	1.30425	1.30425	0.526973	0.889047	-1.1248	0.0262918	0.609082	-1.64182
cg25061349	ZNF318	0.0135373	0.0262132	0.436344	-2.29177	0.826042	1.07167	1.07167	0.0210878	0.417978	-2.39247	0.654538	1.15216	1.15216	0.0208259	0.416942	-2.39841
cg11378686	ZNF318	0.0264618	0.168216	0.745399	-1.34156	0.879699	0.970149	-1.03077	0.00206714	2.38225	2.38225	0.524922	1.13759	1.13759	0.670263	1.08948	1.08948
cg26312998	ZNF318	0.0380483	0.0202046	0.259795	-3.84918	0.293133	1.69013	1.69013	0.182319	0.506042	-1.97612	0.417877	1.48941	1.48941	0.0119404	0.22101	-4.52468
cg10600783	ZNF318	0.0420534	0.0274125	0.81349	-1.22927	0.144906	1.13186	1.13186	0.464775	0.942839	-1.06063	0.0190261	0.798836	-1.25182	0.312962	0.920747	-1.08607
cg21757440	ZNF319	0.00201468	0.67481	0.915884	-1.09184	0.885018	0.970319	-1.03059	0.827354	1.04653	1.04653	0.264154	1.27425	1.27425	0.314442	1.24187	1.24187
cg03067828	ZNF320	0.00241903	0.00256362	0.662154	-1.51022	0.00398147	0.682753	-1.46466	0.118049	0.845948	-1.18211	0.0991067	0.836755	-1.19509	0.00508649	0.694187	-1.44054
cg16204618	ZNF320	0.00971427	0.00626407	0.144239	-6.93295	0.00312516	0.111168	-8.99537	0.111869	0.390173	-2.56297	0.0227445	0.22718	-4.40179	0.00404301	0.122614	-8.1557
cg03592654	ZNF321	0.000215701	0.307154	0.88072	-1.13543	0.00912571	1.48875	1.48875	0.159721	0.834847	-1.19782	0.93834	0.990748	-1.00934	6.73E-06	0.300826	-3.32418
cg19369616	ZNF321	0.00430878	0.0239409	0.643485	-1.55404	0.0168668	0.620594	-1.61136	0.00669073	0.562339	-1.77829	0.801519	1.04208	1.04208	0.000220835	0.365312	-2.73739
cg10711694	ZNF321;ZNF321	0.00233058	0.3829	0.902969	-1.10746	0.171362	1.18071	1.18071	0.12728	1.20696	1.20696	0.687521	1.0472	1.0472	0.129532	0.829592	-1.20541
cg09595356	ZNF322A	0.00508625	0.148329	1.16569	1.16569	0.00357447	0.676893	-1.47734	0.693916	1.03989	1.03989	0.20575	1.1411	1.1411	0.0060975	0.701871	-1.42476
cg01519950	ZNF322A	0.00842679	0.000185152	0.327186	-3.05637	0.438416	1.15009	1.15009	0.818354	1.04154	1.04154	0.216721	0.794553	-1.25857	0.124535	1.3421	1.3421
cg24220122	ZNF322A	0.0257036	0.0542415	0.751432	-1.33079	0.709532	1.05017	1.05017	0.0937694	1.27263	1.27263	0.359761	1.13109	1.13109	0.123019	1.24431	1.24431
cg14683235	ZNF322A	0.0266142	0.185741	0.784485	-1.27472	0.0236357	0.626603	-1.59591	0.00377927	0.508653	-1.96598	0.84456	0.966612	-1.03454	0.0616131	1.43936	1.43936
cg24010402	ZNF322A	0.0482558	0.563451	1.22544	1.22544	0.0708044	2.01915	2.01915	0.722515	1.13214	1.13214	0.271216	1.48989	1.48989	0.591775	0.828262	-1.20735
cg07314043	ZNF322A;ZNF322A	0.00015853	0.597669	1.08323	1.08323	1.33E-05	0.254163	-3.93448	0.00211096	0.522629	-1.9134	0.88231	0.978009	-1.02249	0.00456313	0.567233	-1.76295
cg00429618	ZNF322B	0.00412271	0.491367	0.851874	-1.17388	0.00162221	0.354828	-2.81827	0.0333401	0.565278	-1.76904	0.677207	0.908444	-1.10078	0.0109674	0.480869	-2.07957
cg19384373	ZNF322B	0.00927263	0.838019	1.04319	1.04319	0.38363	0.831486	-1.20267	0.015501	0.541536	-1.8466	0.2288	0.770362	-1.29809	0.000300749	0.296897	-3.36818
cg12537530	ZNF323;ZKSCAN3;ZNF323	0.00364602	0.420292	1.10164	1.10164	0.00580169	0.653884	-1.52932	0.326651	0.887762	-1.12643	0.0446734	1.31125	1.31125	0.0776103	1.25935	1.25935
cg26655361	ZNF323;ZKSCAN3;ZNF323	0.0100453	0.00807948	0.201012	-4.97483	0.494487	1.38835	1.38835	0.0888473	0.411634	-2.42934	0.244058	0.56191	-1.77965	0.00338487	0.15189	-6.5837
cg20850981	ZNF323;ZKSCAN3;ZNF323	0.0161352	0.355122	0.776005	-1.28865	0.475085	0.823959	-1.21365	0.0326788	0.513587	-1.94709	0.170795	1.47525	1.47525	0.00308639	0.339709	-2.9437

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03464132	0.0105198	1.66559	1.66559	0.00620984	1.76022	1.76022	0.522891	0.902469	-1.10807	0.389706	1.14992	1.14992	4.86011	1.93334	0.353599	1
cg02278959	0.052237	1.48475	1.48475	0.179669	0.774824	-1.29062	0.013379	1.73053	1.73053	0.894386	0.976503	-1.02406	3.94556	2.00257	0.451156	1
cg22536211	0.427218	1.16485	1.16485	8.34E-05	0.263706	-3.7921	0.907477	1.02213	1.02213	0.00358062	0.475847	-2.10152	10.3031	5.7819	0.498829	1
cg06681220	0.03404	0.687105	-1.45538	0.414435	0.881136	-1.1349	0.00132569	2.03043	2.03043	0.521433	1.10359	1.10359	5.34102	1.94624	0.323906	1
cg24849872	0.97501	0.991338	-1.00874	0.0247652	0.476009	-2.1008	0.20891	0.6922	-1.44467	0.198221	1.45887	1.45887	4.83963	5.91228	1.0859	1
cg02295078	0.0610854	1.43473	1.43473	0.0109422	0.579162	-1.72663	0.975512	1.00526	1.00526	0.317242	1.19342	1.19342	3.98976	1.6429	0.41178	1
cg19734779	0.0485613	0.746025	-1.34044	0.262828	0.859154	-1.16394	0.0591901	1.31918	1.31918	0.00780081	1.55915	1.55915	8.9646	2.40078	0.23805	1
cg26477387	0.0552619	0.615432	-1.62487	0.000187796	0.24469	-4.0868	0.570556	0.879798	-1.13662	0.155026	0.711788	-1.40491	10.8967	8.61295	0.702596	1
cg22202121	0.470931	0.794507	-1.25864	0.0252803	0.434191	-2.30314	0.529726	0.818994	-1.22101	0.969513	1.01206	1.01206	9.20683	14.3448	1.38494	1
cg23313379	0.557317	1.07776	1.07776	0.0025794	0.59028	-1.69411	0.255493	1.16159	1.16159	0.0118523	0.672719	-1.4865	8.18103	2.06299	0.224149	1
cg17173891	0.84003	0.954282	-1.04791	0.0370755	1.75157	1.75157	0.0820385	0.640113	-1.56222	0.891733	1.03203	1.03203	5.82455	4.94527	0.754701	1
cg15511114	0.599369	0.943753	-1.0596	0.107019	0.825177	-1.21186	0.0289343	0.754826	-1.32481	0.479242	1.08172	1.08172	4.17127	0.787987	0.167919	1
cg24467794	0.0197812	1.27573	1.27573	0.00175116	0.679808	-1.471	9.77E-05	0.549281	-1.82056	0.219386	0.894262	-1.11824	10.4421	1.23824	0.105405	1
cg24349573	0.87902	1.03983	1.03983	0.938251	1.02007	1.02007	0.214639	1.39793	1.39793	0.844138	1.05177	1.05177	10.9937	11.4496	0.925755	1
cg01320040	0.85511	1.01981	1.01981	0.892162	0.985552	-1.01466	0.700955	0.959445	-1.04227	0.00327498	1.53729	1.53729	4.42308	0.806393	0.162058	1
cg11064558	0.717693	0.965045	-1.03622	0.256557	0.890431	-1.12305	0.0947744	0.835322	-1.19714	0.0103441	1.37237	1.37237	4.17307	0.634704	0.135196	1
cg24030434	0.0259425	0.685141	-1.45955	3.96E-06	0.215596	-4.6383	0.0420659	0.715315	-1.39798	0.00795654	0.614677	-1.62687	32.5135	10.5347	0.28801	1
cg23633937	0.00211788	0.667059	-1.49912	0.856025	1.01717	1.01717	0.496682	0.937374	-1.06681	0.0370664	0.797019	-1.25468	30.0867	4.18465	0.123632	1
cg06474082	0.422026	1.07413	1.07413	0.134468	0.868742	-1.15109	0.0793237	0.843809	-1.1851	2.89E-06	2.65101	2.65101	28.8335	3.47155	0.107022	1
cg15732530	0.0779187	0.72633	-1.37678	0.755876	1.05222	1.05222	0.0290666	0.657115	-1.5218	0.58391	1.09448	1.09448	19.9638	8.42362	0.375063	1
cg22507639	0.982992	1.00497	1.00497	0.0688812	1.60612	1.60612	0.626973	1.12073	1.12073	0.015701	1.99198	1.99198	16.3616	14.0356	0.762524	1
cg11550126	0.594044	1.15177	1.15177	0.125023	0.646521	-1.54674	0.381313	0.789897	-1.26599	0.000282511	4.75195	4.75195	9.9122	10.8304	0.971233	1
cg18487515	0.168459	1.78304	1.78304	0.471793	0.749433	-1.33434	0.504713	0.765857	-1.30573	0.000207142	11.5644	11.5644	8.99029	22.112	2.18626	1
cg17710947	0.0744482	2.29937	2.29937	0.31501	1.54539	1.54539	0.285871	1.59098	1.59098	0.145524	1.92468	1.92468	4.9389	13.7292	2.47094	1
cg01027411	0.732477	1.14845	1.14845	0.377772	0.694159	-1.44059	0.148994	0.535651	-1.86689	0.09601	2.09046	2.09046	4.36486	11.2485	2.29071	1
cg00275232	0.708478	1.45875	1.45875	0.332623	2.73117	2.73117	0.612235	0.598183	-1.67173	0.0045857	44.4236	44.4236	4.10732	58.4351	14.2271	1
cg17769442	0.869736	0.927836	-1.07778	0.00394046	5.87092	5.87092	0.112609	0.454663	-2.19943	0.804381	1.11991	1.11991	3.83971	12.6648	2.93188	1
cg16654143	0.360582	2.90972	2.90972	0.675895	0.620155	-1.6125	0.262554	0.265158	-3.77134	0.0154057	29.3284	29.3284	3.53736	72.3437	18.1789	1
cg27077312	0.0246742	0.219115	-4.56381	0.0174298	0.193463	-5.16896	0.248068	1.98433	1.98433	0.16803	0.434399	-2.30203	3.48671	17.7853	4.53411	1
cg10755516	0.237191	1.15745	1.15745	0.0161536	0.706469	-1.41549	0.508305	1.08246	1.08246	0.0160096	0.705993	-1.41644	12.7433	2.81366	0.196262	1
cg21964611	0.333572	0.691012	-1.44715	0.00286919	0.21872	-4.57205	0.760681	1.11987	1.11987	0.00197429	0.197882	-5.05351	6.25869	13.6121	1.93326	1
cg12282311	0.452938	0.881298	-1.13469	0.133125	1.30705	1.30705	0.631131	1.08323	1.08323	0.126038	1.31465	1.31465	6.01807	2.60321	0.384503	1
cg05366272	0.101251	0.534852	-1.86968	0.285945	0.67947	-1.47174	0.985123	0.993519	-1.00652	0.42242	1.33076	1.33076	4.68953	9.03153	1.71191	1
cg09541740	0.235855	0.831348	-1.20287	0.896226	1.01959	1.01959	0.441038	1.12392	1.12392	0.00531503	1.72656	1.72656	4.247	1.48708	0.311242	1
cg10282920	0.34436	0.875144	-1.14267	0.0239213	0.691455	-1.44623	0.0277851	1.42776	1.42776	0.378586	1.13167	1.13167	4.20884	1.24978	0.263947	1
cg26881035	0.85611	0.984037	-1.01622	0.00034672	0.600371	-1.66564	0.130846	1.15561	1.15561	0.657089	0.961164	-1.04041	6.43474	0.800976	0.110646	1
cg23970798	?	?	?	0.641188	1.16749	1.16749	0.160946	0.598155	-1.67181	0.264996	0.675648	-1.48006	11.0185	9.59568	0.870867	1
cg19486756	1.75E-06	2.9664	2.9664	0.000398097	1.67051	1.67051	0.0872718	1.18753	1.18753	0.011403	1.33414	1.33414	44.7001	5.86714	0.116672	1
cg19014419	0.0536338	0.707589	-1.41325	0.035104	0.678781	-1.47323	0.113557	0.762035	-1.31228	0.569833	1.09489	1.09489	7.83629	3.09173	0.350702	1
cg11291313	0.176306	0.685251	-1.45932	0.0944561	0.616731	-1.62145	0.337852	0.771227	-1.29664	0.621813	0.877456	-1.13966	5.92933	6.4915	0.973166	1
cg18237551	0.0724641	1.95556	1.95556	0.0122448	0.351963	-2.84121	0.0893293	0.534263	-1.87174	0.481138	0.786933	-1.27076	5.0364	8.93132	1.57632	1
cg21521779	0.695709	1.11135	1.11135	0.664639	0.889444	-1.1243	0.229341	0.712617	-1.40328	0.394357	1.26406	1.26406	3.96677	4.53265	1.01569	1
cg21228005	0.00787025	13.3512	13.3512	0.393046	0.543663	-1.83938	0.409347	0.55578	-1.79927	0.0712134	0.234635	-4.26193	4.77045	22.8723	4.79458	1
cg12346881	0.831943	1.11117	1.11117	0.963755	1.0228	1.0228	0.0197311	0.247373	-4.04248	0.00705972	0.177777	-5.62503	3.68616	14.366	3.46425	1
cg03609614	0.405075	0.643	-1.55521	0.140883	2.338	2.338	?	?	?	0.0780268	2.92749	2.92749	8.25024	17.3728	2.10574	1
cg02991799	0.279362	1.11303	1.11303	0.0443858	0.802639	-1.24589	0.478962	1.07093	1.07093	0.00258211	0.671858	-1.48841	10.5069	1.50857	0.127626	1
cg18934409	0.0300173	0.441644	-2.26427	3.13E-05	0.0743246	-13.4545	0.727914	0.894197	-1.11832	0.1883	0.63996	-1.5626	9.66223	15.6883	1.44326	1
cg09106556	0.939383	1.00758	1.00758	0.0332085	0.780962	-1.28047	0.000115141	0.51085	-1.95752	0.71242	1.03745	1.03745	8.14511	1.27231	0.138849	1
cg22189125	0.229511	1.2696	1.2696	0.046112	1.54132	1.54132	0.411829	1.17217	1.17217	0.0313341	0.61994	-1.61306	7.66898	4.35297	0.504539	1
cg19508683	0.326344	1.10142	1.10142	0.227562	1.1287	1.1287	0.0386714	1.26175	1.26175	0.164267	1.15281	1.15281	4.79577	0.669153	0.108523	1
cg10181615	0.463236	1.09922	1.09922	0.0176771	0.693766	-1.44141	0.0646223	1.30083	1.30083	0.643179	1.06089	1.06089	3.90163	0.992067	0.226018	1
cg13337697	0.150327	0.838221	-1.193	0.0230091	1.36508	1.36508	0.250799	1.14722	1.14722	3.68E-05	2.4817	2.4817	13.4646	2.79367	0.184429	1
cg22376081	0.448856	0.888982	-1.12488	6.21E-05	0.32444	-3.08223	0.100759	0.760264	-1.31533	0.113757	0.769226	-1.30001	17.7857	6.54902	0.327305	1
cg04546041	0.108967	0.556411	-1.79723	0.0146197	0.364816	-2.74111	0.919666	1.03441	1.03441	0.612926	1.1866	1.1866	10.2238	18.2127	1.58346	1
cg04685743	0.451819	0.856305	-1.16781	6.44E-05	0.193099	-5.1787	0.590362	1.11608	1.11608	0.694325	1.08303	1.08303	8.88105	5.60719	0.491063	1
cg13788592	0.339048	1.09011	1.09011	0.00526025	0.724549	-1.38017	0.0108118	0.755565	-1.32351	0.220666	1.11934	1.11934	6.38758	0.775516	0.10792	1
cg24788771	0.0558968	0.367811	-2.71879	0.00888412	0.214883	-4.6537	0.422199	0.684811	-1.46026	0.394362	0.668396	-1.49612	5.84295	19.7351	3.0023	1
cg27366815	0.946262	1.03899	1.03899	0.120599	0.38467	-2.59963	0.814812	1.14242	1.14242	0.15776	0.424373	-2.35642	3.48131	17.7556	4.53357	1
cg07494047	0.437907	0.947398	-1.05552	0.000437474	0.684232	-1.46149	0.0498176	1.16508	1.16508	0.0049404	1.28947	1.28947	12.5299	0.925454	0.0656531	1
cg18740839	0.00153875	3.10373	3.10373	0.000139517	0.194893	-5.13102	0.945863	0.983263	-1.01702	0.780531	0.932929	-1.07189	20.9191	20.4685	0.869742	1
cg23684682	0.0123965	0.600256	-1.66596	0.755948	1.05245	1.05245	0.506972	0.895483	-1.11672	0.0883549	1.36113	1.36113	6.13383	2.61199	0.378519	1
cg00473929	0.503544	0.873902	-1.14429	0.24889	0.787174	-1.27037	0.256552	0.790462	-1.26508	0.118837	0.714525	-1.39953	4.78676	2.98882	0.555016	1
cg26127652	0.113098	0.770872	-1.29723	0.0308255	0.682026	-1.46622	0.0152194	0.63772	-1.56809	2.40E-07	10.2955	10.2955	39.8094	14.3589	0.320615	1
cg09435617	0.0029334	0.422705	-2.36571	0.0387794	0.603934	-1.65581	0.0132217	0.523494	-1.91024	2.25E-06	11.4172	11.4172	32.4242	22.8073	0.625247	1
cg18798934	0.0352833	1.18269	1.18269	3.08E-06	2.13592	2.13592	0.000138017	1.56986	1.56986	0.00132404	1.37662	1.37662	27.6488	2.05116	0.0659433	1
cg23762632	0.142108	0.76176	-1.31275	0.00196288	0.470225	-2.12664	0.00163514	0.459389	-2.1768	0.00625601	0.54101	-1.84839	24.0259	11.3129	0.418542	1
cg08681437	0.435404	0.886586	-1.12792	3.28E-05	0.295144	-3.38817	0.0042238	0.560216	-1.78503	3.10E-05	0.292281	-3.42137	23.7176	8.59534	0.322137	1
cg27045756	0.00428012	0.420713	-2.37691	5.33E-05	0.181136	-5.52071	0.47747	1.1778	1.1778	0.00158416	0.357905	-2.79404	21.1548	17.1993	0.722687	1
cg10111716	9.58E-05	0.216945	-4.60947	0.000506121	0.302379	-3.30711	0.953141	0.98715	-1.01302	0.0144321	0.515018	-1.94168	20.8599	16.0032	0.681933	1
cg19705450	0.640901	1.10327	1.10327	2.52E-06	0.0923912	-10.8235	0.0767909	0.662488	-1.50946	0.100212	0.686056	-1.45761	20.8468	14.4515	0.616202	1
cg14261943	0.000348912	0.267223	-3.74219	0.00231659	0.37656	-2.65562	0.0376839	1.73901	1.73901	0.0215992	0.530884	-1.88365	19.5715	16.3295	0.741644	1
cg03458170	0.000412684	0.262946	-3.80307	8.78E-05	0.187301	-5.33899	0.00133645	0.329183	-3.03782	0.000116229	0.200002	-4.99994	18.1167	16.2915	0.799339	1
cg26380692	0.161603	0.66903	-1.4947	0.113131	1.58984	1.58984	0.190462	0.688797	-1.45181	0.000669028	0.246663	-4.05411	16.6591	19.077	1.0179	1
cg12557133	0.318881	1.20259	1.20259	8.68E-05	0.283413	-3.52843	0.695314	1.07303	1.07303	0.0216124	0.610194	-1.63882	16.521	8.39117	0.451475	1
cg22748740	0.288626	0.638199	-1.56691	0.0248932	0.336768	-2.96941	0.0121856	0.279839	-3.57349	2.85E-05	28.6097	28.6097	15.9947	42.1053	2.33995	1
cg24449477	0.00222915	0.661819	-1.51099	0.18164	1.14642	1.14642	0.635784	0.955065	-1.04705	0.318365	0.905392	-1.10449	15.862	2.33306	0.130742	1
cg26763835	0.256597	0.856772	-1.16717	0.000748223	1.94995	1.94995	0.661229	0.944058	-1.05926	0.885691	0.981397	-1.01896	13.9489	3.76507	0.239928	1
cg01269798	0.00812048	0.584795	-1.71	0.0231198	0.650536	-1.53719	0.00640366	0.570331	-1.75337	0.0053424	0.55939	-1.78766	13.7716	5.46611	0.352811	1
cg13911398	0.00247887	0.526778	-1.89833	0.049946	1.40592	1.40592	0.323913	0.856204	-1.16795	0.00224946	0.521171	-1.91876	13.1081	4.82068	0.3269	1
cg15171221	0.00245892	0.431315	-2.31849	0.268671	0.794535	-1.2586	0.115232	0.710427	-1.40761	3.30E-05	4.99927	4.99927	12.7967	8.0777	0.561095	1
cg05133398	0.331636	0.794518	-1.25863	0.000341367	0.265877	-3.76113	0.0923674	0.653516	-1.53018	0.000488011	0.285081	-3.50778	12.2552	10.2362	0.742442	1
cg21310336	0.45517	0.832758	-1.20083	0.028963	0.538231	-1.85794	0.220244	0.733374	-1.36356	4.23E-05	6.5135	6.5135	10.8448	9.94212	0.814898	1
cg09842892	0.0172534	0.503435	-1.98635	0.0342424	1.79395	1.79395	0.869769	0.961925	-1.03958	0.852074	1.04515	1.04515	10.6659	9.45431	0.787917	1
cg09088396	0.284734	0.720847	-1.38726	0.540646	1.20016	1.20016	0.208919	0.676936	-1.47725	0.00162032	0.264239	-3.78445	10.2427	14.0763	1.22159	1
cg26883712	0.210905	0.753458	-1.32721	0.0362291	0.592762	-1.68702	0.184908	0.739368	-1.35251	3.99E-05	5.39853	5.39853	9.61876	7.02555	0.649245	1
cg02004594	0.00364532	0.307221	-3.25498	0.00108446	0.235183	-4.25201	0.122503	1.65236	1.65236	0.075094	0.551681	-1.81264	9.61225	13.7092	1.26775	1
cg00978875	0.115549	0.555503	-1.80017	0.0387126	0.439265	-2.27653	0.461104	0.772718	-1.29413	0.000255236	7.9246	7.9246	9.30726	17.4063	1.66239	1
cg14930690	0.0247164	0.451862	-2.21307	0.00353897	0.30898	-3.23646	0.00394848	0.316068	-3.16387	0.472109	0.804707	-1.24269	8.83331	12.3464	1.2424	1
cg01625044	0.00184715	0.278628	-3.58902	0.00212552	0.287048	-3.48373	0.795389	0.927633	-1.07801	0.960546	0.985802	-1.0144	7.84586	10.3827	1.17629	1
cg06527050	0.000510105	0.292156	-3.42283	0.0460608	0.595581	-1.67903	0.710029	0.918819	-1.08835	0.120464	0.682629	-1.46492	7.71222	6.27684	0.723451	1
cg20594345	0.639132	0.827163	-1.20895	0.0678132	0.4396	-2.27479	0.0539879	0.41526	-2.40813	0.000352398	10.0404	10.0404	6.6436	16.985	2.27253	1
cg00105025	0.439997	0.772663	-1.29423	0.0216915	0.405507	-2.46605	0.115496	0.570999	-1.75132	0.000944955	5.02641	5.02641	6.09553	10.3542	1.50991	1
cg04311326	0.694724	1.08622	1.08622	0.0263887	0.575723	-1.73695	0.907387	0.975891	-1.0247	0.0103608	0.508079	-1.9682	6.00834	4.18436	0.619045	1
cg08390760	?	?	?	?	?	?	0.445802	0.548563	-1.82294	0.00112104	40.7169	40.7169	6.04174	31.7317	8.40334	1
cg12505442	0.237884	0.647425	-1.54458	0.0348873	2.37398	2.37398	0.81149	0.919415	-1.08765	0.730491	0.885508	-1.1293	5.05135	9.89211	1.74072	1
cg04944283	0.0170145	0.396598	-2.52144	0.0128331	0.374483	-2.67035	0.753011	1.10554	1.10554	0.655895	0.867153	-1.1532	4.80399	7.68566	1.42209	1
cg01400302	0.0917551	0.369238	-2.70828	0.00713014	0.154894	-6.45604	0.332341	0.58468	-1.71034	0.0243533	0.236925	-4.22074	4.77047	21.7591	4.0544	1
cg21010973	0.853943	0.961148	-1.04042	0.101635	1.47015	1.47015	0.765474	1.06644	1.06644	0.353209	0.814312	-1.22803	4.09907	3.00188	0.650961	1
cg19380578	0.215435	0.679915	-1.47077	0.36988	1.3132	1.3132	0.753041	1.09789	1.09789	0.804089	0.929099	-1.07631	4.08371	5.66227	1.23249	1
cg03185827	0.279038	0.808662	-1.23661	0.382092	0.844382	-1.1843	0.146823	0.745406	-1.34155	0.072837	0.685502	-1.45878	3.85245	2.17255	0.501279	1
cg02781447	0.544153	0.791427	-1.26354	0.458546	1.33357	1.33357	0.612367	1.21481	1.21481	0.359823	0.697963	-1.43274	3.71168	8.32415	1.74431	1
cg22185558	0.284509	0.513868	-1.94602	0.106952	0.348573	-2.86884	0.352568	0.563905	-1.77335	0.00454183	9.62116	9.62116	3.41652	19.4057	5.04886	1
cg01695672	0.0181394	0.494097	-2.02389	0.706925	1.09726	1.09726	0.955382	1.01384	1.01384	0.00526363	0.404881	-2.46986	3.41393	3.26467	0.850025	1
cg18305433	0.709334	1.07864	1.07864	0.200669	0.760896	-1.31424	0.00305651	2.27087	2.27087	0.0165057	1.80796	1.80796	23.6114	15.2849	0.575422	1
cg12244205	0.0204087	1.52832	1.52832	0.88614	0.978488	-1.02199	0.0489777	1.40663	1.40663	0.0249395	1.49933	1.49933	21.9256	8.00014	0.324335	1
cg14102966	0.159046	0.692444	-1.44416	0.0159863	2.05489	2.05489	0.00430011	2.54038	2.54038	0.112948	1.5239	1.5239	18.5567	17.5234	0.839394	1
cg12064504	0.073442	2.497	2.497	0.00247289	6.88482	6.88482	0.0131876	4.09114	4.09114	0.181029	1.91765	1.91765	6.76965	22.5371	2.95924	1
cg27159032	0.0122889	1.27649	1.27649	4.27E-05	0.54395	-1.8384	0.194814	1.11333	1.11333	0.125287	0.878194	-1.1387	12.8069	1.24306	0.0862769	1
cg10002088	0.119767	1.29636	1.29636	0.157934	1.26132	1.26132	0.923955	0.985426	-1.01479	0.773515	1.04537	1.04537	8.51618	3.18937	0.332895	1
cg02479816	0.343305	0.828677	-1.20674	0.647168	1.09276	1.09276	0.626224	0.909844	-1.09909	8.71E-05	0.25803	-3.87552	6.26704	3.6778	0.521643	1
cg12976832	0.0917334	0.349513	-2.86112	0.0150594	0.184232	-5.42794	0.0358443	0.250944	-3.98496	0.0506223	0.283344	-3.52928	4.14431	21.0403	4.5128	1
cg14737370	0.151616	0.801036	-1.24838	0.172717	1.23313	1.23313	0.41274	1.12855	1.12855	0.767087	1.04382	1.04382	4.12675	1.36293	0.293571	1
cg21115516	0.515116	1.106	1.106	0.00285223	0.534319	-1.87154	0.0437081	1.42466	1.42466	0.409741	1.13734	1.13734	3.51992	1.29904	0.328048	1
cg23735973	0.401756	1.12569	1.12569	0.00280973	1.76464	1.76464	0.461048	1.10908	1.10908	0.697549	0.947545	-1.05536	3.49693	1.0542	0.267967	1
cg19358348	0.0707098	0.57909	-1.72685	0.0587311	0.561274	-1.78166	0.700701	1.11013	1.11013	0.128856	1.55884	1.55884	19.0726	22.1025	1.0301	1
cg11928635	0.979397	1.00233	1.00233	2.24E-05	0.464846	-2.15125	3.01E-05	2.08647	2.08647	0.0843314	0.841925	-1.18775	22.4432	2.88621	0.114312	1
cg23347799	0.636681	0.927845	-1.07777	3.95E-05	0.290114	-3.44692	0.239881	1.21373	1.21373	0.0977914	0.751333	-1.33097	20.9913	8.23654	0.348781	1
cg10219512	0.000290065	0.308738	-3.23899	0.0114208	0.548275	-1.8239	0.685348	0.928071	-1.0775	0.865019	1.03165	1.03165	7.43295	3.8637	0.404295	1
cg25061349	0.432938	0.777512	-1.28615	0.0011831	0.224094	-4.46242	0.329118	1.37264	1.37264	0.0439532	0.482854	-2.07102	5.35867	8.39312	1.39224	1
cg11378686	0.659196	0.915022	-1.09287	0.108795	0.704707	-1.41903	0.0209125	0.57344	-1.74386	0.866342	0.966856	-1.03428	4.2717	2.70875	0.563658	1
cg26312998	0.712334	1.19509	1.19509	0.0168033	0.245588	-4.07186	0.388569	1.52995	1.52995	0.267278	0.573415	-1.74394	3.75139	13.7586	3.26008	1
cg10600783	0.00763222	0.76234	-1.31175	0.0826294	0.858922	-1.16425	0.812254	0.981351	-1.019	0.952093	1.00476	1.00476	3.61562	0.358412	0.0881144	1
cg21757440	0.000290635	0.29218	-3.42255	0.00639838	0.477718	-2.09329	0.280836	1.2629	1.2629	0.000498298	0.321642	-3.10904	9.62137	6.60713	0.610413	1
cg03067828	0.0744405	0.82208	-1.21643	0.00126983	1.58963	1.58963	0.282283	0.89571	-1.11643	0.120358	0.846979	-1.18067	9.11992	1.40352	0.136796	1
cg16204618	0.00935981	0.166724	-5.99793	0.00736994	0.153018	-6.53516	0.236122	0.509226	-1.96376	0.0713951	0.334681	-2.98792	5.96561	27.9198	4.1601	1
cg03592654	0.705422	0.955397	-1.04668	0.00155093	0.578818	-1.72766	0.00119135	0.565075	-1.76968	0.6788	0.9512	-1.0513	17.9982	4.11481	0.20322	1
cg19369616	0.278455	0.831591	-1.20251	0.180656	1.2619	1.2619	0.567432	0.909751	-1.0992	0.0307658	0.66023	-1.51462	7.67809	3.25636	0.376987	1
cg10711694	0.0998715	0.814095	-1.22836	0.000166304	0.481128	-2.07845	0.0721935	1.2572	1.2572	0.00542163	1.51805	1.51805	9.22021	1.89996	0.183168	1
cg09595356	0.797678	0.974918	-1.02573	0.00353772	1.47839	1.47839	0.0954623	1.19855	1.19855	0.0795376	0.824947	-1.2122	7.30036	1.1305	0.137649	1
cg01519950	0.0902095	0.718664	-1.39147	0.521972	0.891523	-1.12168	0.918959	1.01817	1.01817	0.367932	1.17777	1.17777	6.24105	3.09416	0.44069	1
cg24220122	0.0122054	1.50458	1.50458	0.0214334	0.696603	-1.43554	0.147463	0.816007	-1.22548	0.320272	0.874284	-1.14379	4.31531	1.16963	0.240926	1
cg14683235	0.384199	0.856972	-1.1669	0.133084	1.32356	1.32356	0.6192	0.916979	-1.09054	0.113661	0.742477	-1.34684	4.26312	2.02056	0.4213	1
cg24010402	0.086162	0.516872	-1.93471	0.119658	0.555585	-1.79991	0.0453235	0.449692	-2.22374	0.0178945	2.72288	2.72288	3.43406	6.58943	1.70564	1
cg07314043	0.407281	1.13569	1.13569	0.00035156	2.36806	2.36806	0.225945	1.2103	1.2103	0.0870346	0.753025	-1.32798	19.5629	6.98111	0.317203	1
cg00429618	0.11911	0.678432	-1.47399	0.00134815	2.90975	2.90975	0.452471	1.19192	1.19192	0.558696	0.873153	-1.14527	7.78124	6.48371	0.740665	1
cg19384373	0.00862698	0.500673	-1.99731	0.79532	1.05517	1.05517	0.21066	0.761505	-1.31319	0.094415	0.684006	-1.46198	6.0547	4.09179	0.600715	1
cg12537530	0.0261202	1.36382	1.36382	0.000377279	1.9504	1.9504	0.168525	1.18827	1.18827	0.353456	0.893829	-1.11878	8.07432	1.7674	0.19457	1
cg26655361	0.0186134	0.259436	-3.85452	0.00372599	0.156797	-6.37769	0.00968204	0.212651	-4.70255	0.0556541	0.358578	-2.7888	5.90207	20.9089	3.14901	1
cg20850981	0.456963	1.22379	1.22379	0.0033813	0.345587	-2.89363	0.68232	0.896092	-1.11596	0.0649002	0.575427	-1.73784	5.05682	5.69209	1.00056	1

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error)
gp11177257	ZNF123;ZSCAN1;ZNF323	0.0276922	0.191008	1.28859	1.28859	0.0281074	1.60793	1.60793	0.675894	1.08004	1.08004	0.2000389	1.2813	1.2813	0.0167615	0.585891	1.7068	0.0776001	1.4322	1.4322	0.972051	1.0063	1.0063	0.02785658	1.609052	1.60952	0.01897161	1.6824	1.6824	4.20411	2.23295	0.4721221	1
gp04878727	ZNF323;ZNF323;ZXSCAN3	0.00106163	0.000363255	0.360967	-2.77033	0.0549446	1.47413	1.47413	0.000463079	2.67034	2.67034	0.685794	0.930048	-1.07521	0.36785	1.17931	1.17931	0.907224	0.974028	-1.021	0.0591157	0.638388	-1.46223	0.004025	0.502121	-1.991155	0.342794	0.840076	-1.19037	11.5685	5.82467	0.4475551	1
gp01035945	ZNF123;ZNF323;ZXSCAN3;ZNF323;ZNF323;ZNF32	0.0183383	0.290698	1.16652	1.16652	0.00145199	1.90828	1.90828	0.0757327	1.32005	1.32005	0.0773894	1.31755	1.31755	0.014091	1.53059	1.53059	0.236834	1.19017	1.19017	0.313619	1.15765	1.15765	0.231882	1.19259	1.19259	0.135814	1.25331	1.25331	3.74098	1.16905	0.277776	1
gp09966792	ZNF123;ZNF323;ZNF323;ZNF323;ZNF323;ZNF32	0.0342439	0.373316	0.859377	-1.16363	0.16712	0.783319	-1.27662	0.198168	1.25297	1.25297	0.239967	0.815443	-1.22633	0.13914	0.768005	-1.30208	0.00327819	0.514536	-1.9435	0.280338	0.830205	-1.20452	0.450054	1.13613	1.13613	0.0625756	1.44087	1.48977	1.69741	0.387095	1
gp04686012	3;ZNF323 ZNF123;ZNF323;ZNF323;ZNF323;ZNF32	0.0374972	0.669063	1.16533	1.16533	0.0792508	0.499913	-2.00035	0.0120258	0.328041	-3.0484	0.850534	0.935076	-1.06943	0.00698756	0.288964	-3.46064	0.513741	1.26574	1.26574	0.34304	1.41567	1.41567	0.755658	0.894867	-1.11748	0.0330017	0.411794	-2.4284	3.77145	7.56352	1.78264	1
gp15743358	3;ZNF323;ZNF323	0.0142199	0.472223	1.07152	1.07152	0.0830125	0.8146161	-1.19881	0.14462	0.862405	-1.15955	0.0911632	1.19217	1.19217	0.0356958	0.793791	-1.25978	0.869257	1.01568	1.01568	0.00688424	0.6126	-1.63239	0.490415	1.06842	1.06842	0.517968	0.939958	-1.06388	5.27279	0.745337	0.125649	1
gp14122616	ZNF324	0.00024409	0.489244	0.84273	-1.18662	0.229219	0.735404	-1.3598	0.419724	0.818065	-1.2224	0.000311777	0.240681	-4.15488	8.87E-05	0.180885	-5.52836	2.33E-05	0.127474	-7.84471	0.00053375	0.269015	-3.71726	0.0867371	0.630768	-1.58537	0.117255	0.660711	-1.51352	17.403	16.3531	0.835263	1
gp17055560	ZNF324	0.000467741	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
gp27401095	ZNF324	0.00504708	0.002559966	0.230999	-4.32902	0.00210736	0.219883	-4.54788	0.102023	0.534241	-1.87181	0.633578	0.845165	-1.1832	0.00420972	0.261921	-3.81795	0.0209738	0.378	-2.6455	0.00258058	0.231473	-4.32017	0.00502638	0.272554	-3.669	0.117506	0.551227	-1.81397	7.31762	14.2203	1.727357	1
gp17952549	ZNF324	0.00938066	0.658326	0.954455	-1.06786	0.134622	0.78613	-1.26886	0.128826	0.794832	-1.25816	0.0966227	1.03542	1.03542	0.0596292	1.10383	1.10383	0.0462724	1.27556	1.27556	0.0262755	1.20905	1.20905	0.0294455	1.26583	1.26583	0.0225766	1.28799	-1.20057	0.0592156	0.725311	-1.37872	0.0326243	2.08181	0.606759	1
gp07100957	ZNF324	0.0153597	0.472004	-2.11862	0.0967725	0.631254	-1.45516	0.267814	0.747299	-1.33815	0.0230857	0.503778	-1.985	0.00243856	0.349812	-2.85929	-1.33	0.253594	0.74017	-1.35104	0.0331835	0.533482	-1.87448	0.897069	1.0332	1.0332	0.554577	0.859988	-1.16281	4.01472	4.04916	0.896516	1
gp08693600	ZNF324;ZNF324	0.00147673	0.734438	1.18601	1.18601	0.548273	0.7359	-1.35577	0.13422	0.445232	-2.24602	1.49E-05	0.0111014	-90.079	0.367482	1.59013	1.59013	0.670124	0.806792	-1.23948	0.0987188	0.403697	-2.47711	0.457151	0.681049	-1.46832	0.693502	2.19552	0.526568	41.8512	3.53393	1
gp16325191	ZNF324	0.00014977	0.244321	0.850677	-1.17553	0.0206003	0.560558	-1.78381	0.107501	0.750262	-1.26253	6.72E-05	0.379553	-2.63468	0.88235	0.977233	1.0235	3.38E-05	0.344048	-2.90404	0.00083224	0.359205	1.95005	0.997843	1.12174	1.12174	0.80378	0.967503	-1.03359	38.6615	5.54085	0.2479732	1
gp26978288	ZNF324B	0.00230784	0.000822	0.577302	-1.73219	0.238528	1.14403	1.14403	0.0427802	1.28939	1.28939	0.178132	0.855601	-1.16877	0.632225	1.05396	1.05396	0.00409665	0.657169	-1.52168	0.0039332	1.52637	1.52637	0.473872	1.08263	1.08263	0.0325412	0.761308	-1.31353	9.24676	1.73985	0.167251	1
gp01023593	ZNF324B	0.00442076	0.0125009	0.299349	-3.3529	0.0101303	0.154778	-3.53644	0.0319645	0.374079	-2.67316	0.0590447	0.455993	-2.29861	0.00470459	0.112659	-4.49912	0.0396072	0.395859	-2.52653	0.00297221	0.139145	-7.18676	0.63753	0.831267	-1.20298	0.0822545	0.473253	-2.11313	7.61866	18.2968	2.13474	1
gp25951580	ZNF324B	0.01156607	0.011585	0.602222	-1.66042	0.0130494	0.159559	1.91059	0.0175712	1.50074	1.50074	0.0123003	0.556802	-1.49588	0.0074722	0.126393	-7.91265	0.369752	0.862445	-1.15949	0.166127	1.24558	1.24558	0.447782	1.44784	1.44784	0.252034	1.21196	1.21196	5.10724	2.08773	0.3639359	1
gp14676443	ZNF324B	0.02958189	0.373213	0.897695	-1.11396	0.267597	1.14608	1.14608	0.972534	1.00407	1.00407	0.441045	1.09719	1.09719	0.731614	0.960168	-1.04148	0.165729	1.19068	1.19068	0.000969098	0.560026	-1.78563	0.796557	0.969959	-1.03097	0.172541	1.18697	1.18697	4.10713	0.9066485	0.19623	1
gp14151440	ZNF326	0.00329371	0.784089	1.19249	1.19249	0.0607418	0.515432	-1.42082	0.0780556	0.457299	-2.18675	0.237125	0.780542	1.28196	0.0205479	0.941688	-1.2787	0.490004	0.859118	-1.16359	0.0207248	2.20761	2.20761	0.459396	1.1925	1.1925	0.337468	0.807235	-1.2388	8.3716	6.27568	0.6601888	1
gp24873842	ZNF326	0.0165429	0.508345	1.13465	1.13465	0.0214057	0.513145	0.421406	-2.37301	0.0480084	0.494337	-2.02291	0.466692	0.864146	-1.15271	0.647783	0.553	-1.53139	0.208601	1.28345	1.28345	0.252674	0.798572	-1.25224	0.460158	0.867998	-1.15208	0.154135	0.750936	-1.33269	0.514493	2.81492	0.498939	1
gp13480544	ZNF326;LOC492303;ZNF326	0.0133196	0.286237	0.758473	-1.31948	0.0266899	0.793112	-1.26227	0.0139764	0.791552	-1.26349	0.0139469	0.794704	1.25984	0.0139469	0.794704	1.25984	0.0354206	0.777557	-1.28605	0.0209219	1.180603	1.180603	0.0225736	0.802909	1.27002	0.00894219	1.180603	1.18603	3.13972	1.30155	0.3918865	1
gp13573178	ZNF326;ZNF326	0.00252139	0.703096	0.926983	-1.07877	0.000277064	0.307819	-3.24866	0.00132833	0.39686	-2.51978	0.0292811	1.66268	1.66268	0.458129	0.861066	-1.16135	0.587476	1.11455	1.11455	0.0948312	1.43832	1.43832	0.23771	1.27748	1.27748	0.262825	0.793627	-1.26004	9.00941	5.59353	0.55187	1
gp01772115	ZNF326;ZNF326;LOC492303	0.00438365	0.613777	0.856617	-1.16738	0.983381	0.993686	-1.00635	0.475729	1.24676	1.24676	0.369024	0.755349	-1.32389	0.00279583	0.164093	-6.09411	0.64712	0.869214	-1.15047	0.00740873	0.210544	-4.74959	0.226737	1.47104	1.47104	0.845625	0.942442	-1.06107	7.63815	11.1878	1.30198	1
gp12792011	ZNF329	2.18E-06	0.000621332	0.722026	-1.38405	0.00508095	1.25717	1.25717	9.55E-05	1.53621	1.53621	0.0124229	0.825073	-1.21201	0.000380693	0.606327	-1.43611	0.225305	0.942008	-1.06189	0.254108	0.706187	1.42155	0.0059159	0.244201	1.04219	0.0290696	1.172225	1.17229	60.0785	3.63475	0.0537788	1
gp15424120	ZNF329	0.0246189	0.00957907	0.211509	-4.72793	0.00488803	0.170929	-5.8504	0.0204465	0.266359	-3.75433	0.907336	1.05669	1.05669	0.156929	2.04817	2.04817	0.709207	0.837439	-1.19412	0.507667	0.727387	-1.37478	0.108972	0.436999	-2.28833	0.0628505	0.371137	-2.69442	4.38055	15.5602	3.15743	1
gp13728831	ZNF329	0.0242292	0.063018	1.28385	1.25095	0.0198053	1.35127	1.35127	0.0023554	1.56189	1.56189	0.369754	1.1064	1.1064	0.103858	1.20816	1.20816	0.0842623	1.13056	1.13056	0.165308	1.17157	1.17157	0.353963	0.902871	-1.10798	0.760545	1.03325	1.03325	4.37992	0.794165	0.1613173	1
gp10210624	ZNF329	0.0254867	0.075397	0.259871	-3.84806	0.294345	0.522592	-1.53158	0.945293	0.987008	-1.01252	0.0123003	0.455602	-2.19655	0.00735045	0.280706	-3.45177	0.763053	1.12582	1.12582	0.0559159	0.924794	-2.32669	0.211686	0.507089	-1.67479	0.432808	0.510305	2.16273	1.04	0.2357	1
gp06687992	ZNF329;ZNF32	0.00201629	0.0270563	0.708104	-1.41222	1.91E-05	0.318014	-3.14452	0.000646368	0.501494	-1.99404	0.0597817	0.755698	-1.32328	0.000835839	0.515323	-1.94053	0.765236	0.961277	-1.04028	0.0771034	1.2959	1.2959	0.58642	0.930119	-1.07513	0.000194227	0.437384	-2.28632	17.9848	4.9537	0.244834	1
gp19684192	ZNF329;ZNF32	0.0235911	0.3276136	0.8239	-1.21364	0.0154545	0.546	-1.83109	0.0134758	0.458	-2.18316	0.0126969	0.438356	1.19453	0.0126969	0.438356	1.19453	0.740955	0.896419	-1.11546	0.0115616	0.714188	1.40014	0.0106314	0.900102	-1.11099	0.0252613	1.33344	1.33344	0.866266	0.948821	0.1647113	1
gp05238976	ZNF329;ZNF32	0.0126549	0.623684	1.11969	1.11969	0.0213457	0.531153	-1.88213	0.00304239	0.395273	-2.5299	0.0124478	0.491155	-2.03602	0.0048095	0.582863	-1.71567	0.013224	0.495555	-2.01794	0.129604	1.45405	0.893777	1.03101	1.03101	0.547491	0.87009	-1.14931	5.47802	4.53443	0.735778	1
gp00486708	ZNF329;ZNF32	0.0146473	0.486473	1.09447	1.09447	0.0256565	0.4956	-2.01778	0.0104007	0.380227	-2.63107	0.0146696	0.548496	-1.82347	0.0146696	0.548496	-1.82347	0.576887	1.18804	1.18804	0.0384849	1.28806	1.28806	0.386146	1.18804	1.18804	0.0352806	1.28806	1.28806	4.06076519	3.355077	0.3615548	1
gp17895310	ZNF32P;ZNF32	0.0371516	0.721199	0.858998	-1.16415	0.820662	0.908216	-1.10106	0.372751	0.677432	-1.47616	0.0819495	2.27853	2.27853	0.0201784	0.294139	3.39975	0.219387	0.575953	-1.73625	0.194883	1.79728	1.79728	0.0171719	0.2806576	-3.56283	0.0432281	2.73944	2.73944	4.14156	11.5378	2.16679	1
gp01661742	ZNF330	6.01E-06	1.90E-07	0.149883	-6.67187	0.00280898	0.494207	-2.02344	0.00013045	0.45304	-2.20731	0.00120218	0.568132	-1.76015	1.13E-05	0.329009	-3.03943	0.000191089	0.472769	-2.1152	4.67E-05	0.400322	-2.49799	0.325232	0.88597	-1.12871	0.282612	0.875405	-1.14233	46.2403	10.403	0.19998	1
gp11779395	ZNF330	0.000283469	4.85E-05	0.229194	-4.36121	0.0129104	0.526906	-1.90951	0.0400156	0.567358	-1.76661	0.221983	0.7555	1.32385	0.0400156	0.567358	-1.76661	0.00754636	0.48321	-2.06991	0.0244251	0.512769	1.24E-05	0.0299542	0.172002	0.00894219	1.180603	1.18603	0.0209593	0.49318	2.7904	0.3812466	1
gp05676635	ZNF330	0.00334725	0.00313375	1.46133	1.46133	0.0244079	1.28644	1.28644	0.0144607	0.753492	-1.32715	6.63E-05	0.50311	-1.98764	0.267839	1.1145	1.1145	0.557974	1.05722	1.05722	0.000957889	0.629983	-1.58734	0.38431	0.90081	-1.11011	0.0171659	1.31358	1.31358	5.8105	2.20795	0.124177	1
gp23978004	ZNF330	0.00157395	0.36073	1.28385	1.25095	0.0198053	1.35127	1.35127	0.0023554	1.56189	1.56189	0.369754	1.10853	1.10853	0.2906024	1.66E-05	3.13473	0.998074	1.00032	1.00032	0.9668281	1.46702	1.46702	0.0004107	2.073139	-1.48455	0.0004873	0.535153	1.11914	1.72939	0.955321	-1.04677	0.183353	2.8544	0.8402481	1
gp03855256	ZNF330	0.0024611	0.007508	0.643459	-2.30171	0.414741	1.22383	1.22383	0.155612	0.692038	-1.44501	0.437517	0.825405	-1.21153	0.903082	0.774805	1.29065	0.054026	2.588686	-1.6987	5.47E-05	0.161912	-6.1762	0.0348609	0.555115	-1.8145	0.282383	1.31081	1.31081	0.973081	4.45572	0.82638	1
gp07788694	ZNF330	0.00227551	0.00329929	0.512636	-1.9507	0.000547755	0.408096	-2.4504	0.260678	1.21633	1.21633	0.717995	0.941256	-1.06241	0.510487	1.11787	1.11787	0.104118	0.743332	-1.34529	0.021699	0.631254	-1.58415	0.403318	0.866961	-1.15345	0.0553975	0.695951	-1.43688	6.53587	2.88453	0.3923	1
gp06397398	ZNF331	0.0023138	0.4647781	1.13704	1.13704	0.0433587	0.7852	-1.27373	0.0258624	0.5632	-1.77564	0.0140255	0.730353	-1.36918	0.0140255	0.730353	-1.36918	0.0103105	0.404026	-2.47509	0.0113218	1.5771	1.5771	0.0153983	0.738738	-1.35387	0.0129172	2.00581	2.00581	0.923597	1.54047	1.10678	1
gp09433711	ZNF331	0.00736383	0.10344	0.662843	-1.50805	0.153057	0.703737	-1.42099	0.490676	0.850747	-1.17544	0.0122665	0.486619	-2.055	0.00036675	0.255161	3.98328	0.0115945	0.482541	-2.07236	0.251761	0.758475	-1.31844	0.645797	0.898557	-1.11277	0.00769004	0.453475	-2.20519	6.51125	5.49774	0.750528	1
gp52645103	ZNF331	0.0270791	0.0251961	0.777344	-1.28655	0.0207581	0.7704	-1.29796	0.0677704	0.88194	-1.13394	0.0427704	0.876994	1.14064	0.0427704	0.876994	1.14064	0.134934	0.742862	-1.34638	0.0307002	1.16721	1.16721	0.0446734	0.859257	-1.16393	0.0336208	1.43938	1.43938	0.0449438	0.0102257	0.1010084	1
gp07952047	ZNF331	0.0320156	0.889881	0.969554	-1.0314	0.2857	0.780779	-1.28077	0.934089	1.01863	1.01863	0.910336	1.02546	1.02546	0.808255	0.947181	-1.05576	0.000393241	0.283545	-3.52677	0.342581	0.803929	-1.24389	0.876468	0.965876	-1.03533	0.756022	0.9328	-1.07204	3.99318	3.15051	0.70131	1
gp15576376	ZNF331;ZNF331	4.41E-05	0.2529	1.07521	1.07521	0.0242395	1.24786	1.24786	0.0976561	0.894424	-1.11754	0.465759	1.0461	1.0461	0.0787252	1.1287	1.1287	0.0026038	0.315176	0.842623	0.0001466	0.0003	0.0002356	12.2356	1.8E-05	0.7084011	-1.4119	0.685156	2.79E-05	1.65014	1.88281	0.8016083	0.0519028	1
gp27296330	ZNF331;ZNF331	4.93E-09	0.225489	0.8913	0.89913	0.000130649	0.645501	0.182508	0.000165897	0.650259	0.53785	0.758952	0.979566	1.02086	0.0243604	0.318144	1.18144	0.409962	0.85815	1.0315	1.03E-10	13.7737	13.737	0.0059159	0.245381	-4.36702	5.67E-05	1.6511	1.6511	0.281202	0.20442	0.0634401	1
gp10023249	ZNF331;ZNF331	8.01E-09	0.739177	1.02436	1.02436	0.0346865	0.837486	-1.19405	0.001449	0.717874	-1.393	0.00234037	0.736417	-1.35793	0.0286936	1.20427	1.20427	0.889467	0.990034	-1.01007	2.01E-10	15.3201	15.3201	3.04E-08	0.23479	-4.25913	0.0223301	1.21806	1.21806	248.656	20.4305	0.0730342	1
gp22475353	ZNF331;ZNF331	4.86E-07	0.533635	0.97007	-1.03095	0.546	0.915	-1.09277	0.0017653	0.564477	-1.77128	0.0017653	0.746099	-1.34046	0.0017653	0.746099	-1.34046	0.0425524	0.904843	-1.10516	2.17E-08	18.0544	18.0544	1.45E-08	0.180009	-5.55614	0.0277451	1.43123	1.43123	381.943	26.5122	0.267373	1
gp20646939	ZNF331;ZNF331	9.56E-07	0.326004	0.915168	-1.0927	0.2281707	0.79725	-1.25431	0.0626717	0.732498	-1.36559	0.513881	1.05409	1.05409	0.0442926	1.22379	1.22379	0.077196	1.18695	1.96E-08	0.54926	5.47692	1.31E-06	0.33795	-2.95902	0.0577013	1.20635	1.20635	74.1735	8.97655	0.107574	1
gp15607708	ZNF331;ZNF331	3.16E-06	0.619389	1.09101	1.09281	0.0425316	0.689068	-1.44994	0.00595841	0.526859	-1.89804	0.234957	0.797798	-1.25419	0.773602	0.950151	-1.05245	0.970714	1.29665	1.29665	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
gp06855497	ZNF331;ZNF331	5.96E-06	0.698285	1.04702	1.04702	0.0646148	1.27745	1.27745	0.0138	1.10198	1.10198	0.309222	1.12355	1.12355	0.0241	1.01355	1.01355	0.0970714	1.25665	1.25665	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
gp04522821	ZNF331;ZNF331	2.77E-05	0.78856	0.943538	-1.05984	0.1240407	0.697592	-1.4335	0.0490483	0.615178	-1.62555	0.675179	0.912903	-1.09541	0.228793	1.31402	1.31402	0.234546	0.763726	-1.30937	9.67E-07	18.4328	18.4328	3.08E-09	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
gp03499639	ZNF331;ZNF331	4.48E-05	0.229737	1.07483	1.07483	0.0464868	0.6932	-1.44202	0.0060404	0.540483	-1.8492	0.1974409	0.8002	1.25031	0.0060404	0.540483	-1.8492	0.0515859	1.4791	1.47911	5.54E-06	0.25	0.25	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
gp25409185	ZNF331;ZNF331	0.00475206	0.692156	0.936431	-1.06788	0.00773653	1.75877	1.75877	0.618434	0.920469	-1.0864	0.566561	1.10033	1.10033	0.744161	1.05553	1.05553	0.805062	0.96001	-1.04166	0.000101245	3.11724	3.11724	0.270893	0.827631	-1.20827	0.675131	1.07205	1.07205	7.45325	3.2514	0.383474	1
gp20448895	ZNF331;ZNF331	0.00475393	0.0215797	0.534682	-1.87042	0.0218539	0.48407	-2.46807	0.257651	0.47384	1.47384	0.828598	1.07379	1.07379	0.611948	1.18297	1.18297	0.0132172	0.274147	2.74147	0.393979	0.723885	-1.38143	0.0404721	0.21352	2.11262	0.182489	1.44297	4.39485	7.48735	1.51782	1
gp17352157	ZNF331;ZNF331	0.0356237	0.625942	0.870819	-1.14834	0.508302	0.720799	-1.20795	0.185491	0.48509	-1.48509	0.0221888	0.298268	-3.35269	0.1710959	0.663393	1.5074	0.634971	0.874011	-1.14403	0.0476221	0.213262	2.11262	0.182489	1.44297	4.39485	7.48735	1.51782	1								
gp19696891	ZNF331;ZNF331;ZNF331	2.98E-07	0.310822	1.13337	1.13337	0.979016	0.996865	-1.00314	0.890725	0.983722	-1.01655	0.138988	0.82685	-1.20941	0.264011	1.14913	1.14913	0.153031	0.833023	-1.20045	7.30E-09	17.7864	17.7864	8.52E-07	0.208807	-4.78911	0.0205969	1.39508	1.39508	99.8207	22.5342	0.200664	1
gp16280048	ZNF331;ZNF331;ZNF331	3.12E-06	0.409183	1.08722	1.08722	0.0333507	0.443097	-2.24909	0.157874	0.70587	-1.05874	0.111782	0.878474	-1.04184	0.188636	1.12821	1.12821	0.0762592	1.15196	1.15196	0.08444	1.84767	1.84767	2.01E-05	0.2675733	-3.76317	0.00247362	0.910248	1.91024	15.4808	3.03389	0.133089	1
gp03071427	ZNF331;ZNF331;ZNF331	1.12E-05	0.0428077	1.29442	1.29442	0.000295557	1.92013	1.92013	0.379281	1.10499	1.10499	0.348489	1.11275	1.11275	0.372994	1.10653	1.10653	0.165047	1.17812	1.17812	1.41E-07	6.23734	6.23734	0.00123133	0.70821	-1.41201	0.000977994	1.72075	1.72075	39.3565	7.63663	0.172477	1
gp03113572	ZNF331;ZNF331;ZNF331	1.77E-05	0.658398	1.12712	1.12712	0.0488557	1.21463	1.21463	0.115932	1.18473	1.18473	0.148819	1.2518	1.2518	0.0176734	1.35164	1.35164	0.122976	1.2515	1.2515	1.07E-06	6.2302	6.2302	0.00276154	0.728329	-1.37169	0.0478383	1.71869	1.71869	37.8473	6.73102	0.2978941	1
gp06475376	ZNF331;ZNF331;ZNF331	0.0104587	0.946373	1.00926	1.00926	0.00635764	1.62661	1.62661	0.516454	0.913836	-1.09429	0.823726	1.03103	1.03103	0.726078	0.952966	-1.04936	0.87581	1.978807	-1.02165	0.000562067	0.480729	-2.08017	0.638378	0.937222	-1.06698	0.148526	1.23645	1.23645	5.8263	1.73104	0.264096	1
gp05338009	ZNF331;ZNF331;ZNF331	0.0192141	0.803915	1.09993	1.09993	1.9026	0.587952	-1.70082	0.820058	1.09115	1.09115	0.983181	1.00087	1.00087	0.776176	1.11501	1.11501	0.924002	1.03721	1.03721	0.000589068	0.763517	7.63517	0.111528	0.514974	-1.94184	0.0613011	2.24182	2.24182	4.76895	11.0723	2.06377	1
gp08561667	ZNF331;ZNF331;ZNF331	0.0344469	0.335701	0.780216	-1.28161	0.0206705	0.442089	2.56096	0.0670056	1.57953	1.57953	0.0123318	1.51853	1.51853	0.0123318	1.51853	1.51853	0.114877	1.5983	1.5983	0.0048855	2.4235	2.4235	0.0008036	3.01294	3.01294	0.0124392	1.35745	1.35745	3.931	1.89898	0.8816449	1
gp23824815	ZNF333	0.0213032	0.0179114	1.43939	1.43939	0.0559706	1.3153	1.3153	0.284163	0.868624	-1.15125	0.170042	0.831108	-1.20321	0.0034222	0.644041	-1.65442	0.537547	1.08223	1.08223	0.378149	0.891842	-1.12128	0.512277	0.91931	-1.08777	0.175682	0.833369	-1.19995	4.60442	1.16

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg02602152	ZNF154A	0.40135372	0.415382	1.52237	1.15127	1.03177	0.470792	-2.12408	0.00500256	0.53354	1.87427	0.01783166	0.61443811	-1.62787	0.04311113	1.48252	1.48252	0.805252	1.02035	0.00062384	0.43607	2.43607	0.03281527	0.654022	-1.529	0.342709	1.17986	10.785	4.80003	0.4018311	1
cg20410135	ZNF154A	0.00192916	0.01427348	0.607263	-1.64673	0.573086	1.09854	1.09854	0.531011	0.900556	-1.11043	0.253021	0.21781	1.20791	0.00509103	0.542758	-1.84244	0.03447718	0.665606	-1.50239	8.28E-05	0.33039	-3.22176	0.00547022	0.547152	-1.82767	0.763634	0.171269	0.761936	1.31297	0.943966	4.20421	0.3853539	1
cg16470655	ZNF154A	0.00286856	0.6334848	1.04799	1.04799	0.914132	1.010558	1.010558	0.796618	0.975113	-1.02552	0.03790111	1.26477	1.26477	0.005018444	1.43653	1.43653	0.07040603	0.820956	-1.21809	0.000119287	1.92829	1.92829	0.0538605	1.22539	1.22539	0.372326	0.914502	-1.09349	8.67263	1.30788	0.13401	1
cg26431777	ZNF154A	0.00488645	0.3408251	0.933204	-1.07158	0.001391140	0.72161	-1.38579	0.05528858	0.858317	-1.16534	0.1497817	0.1399	1.11489	0.07924474	0.871777	-1.14708	0.01997822	0.820564	-1.21867	0.0961109	0.879241	-1.13734	0.00318813	1.32791	1.32791	0.508565	0.953877	-1.04835	7.99221	0.5805645	0.95387	0.06982777	1
cg20771870	ZNF154A	0.01348812	0.102972	0.670456	-1.49152	0.007045579	0.458103	-2.18292	0.443813	0.839478	-1.19122	0.426552	0.833638	-1.19556	0.01646068	0.518468	-1.92876	0.255703	0.766494	-1.30464	0.00623005	0.44972	-2.2236	0.00341231	0.56545	-1.7685	0.0544583	0.613216	-1.63075	3.92954	3.12609	0.707143	1
cg25224992	ZNF154A	0.04458351	0.8085931	0.876625	-1.13685	0.22892	0.513097	-1.94895	0.780126	1.594	1.1594	0.870182	0.937591	-1.06238	0.681493	0.360422	-2.77427	0.3828	0.622855	-1.60551	0.00099214	0.07535532	-13.2708	0.2017	0.4904421	-2.03907	0.1225058	0.415832	-2.40482	5.00131	15.4881	3.93201	1
cg13312174	ZNF154B	8.94E-05	0.321523	0.874095	-1.14404	6.24E-05	0.379393	-2.63579	0.09919434	0.783674	-1.27604	0.9103555	0.01491	1.01491	0.367227	1.12942	1.12942	3.43E-05	0.348778	-2.86716	1.41E-05	0.304536	-3.28369	0.958117	0.993123	-1.00692	0.001566144	0.550474	-1.81662	22.8141	6.23775	0.2430316	1
cg20452627	ZNF154B	0.000400958	0.000470955	0.311386	-3.21145	0.7379565	0.941745	-1.06186	0.3744	0.823988	-1.21361	0.167318	0.136932	1.36692	0.001275586	0.368741	-2.71193	0.489108	0.861386	-1.16092	1.66E-05	0.152615	-6.55245	0.132555	0.708478	-1.41148	0.006648952	0.473379	-2.11247	15.1002	10.9473	0.6347755	1
cg22179018	ZNF154B	0.0096788	0.0483252	1.555955	1.555955	0.0031463	0.948	0.391934	-2.55145	0.027285	0.599407	-1.66832	0.826654	0.057936	-1.04391	0.579154	1.11603	1.11603	0.05737134	1.53607	1.53607	0.0927391	1.43686	0.19792	0.7659946	-1.30558	0.4007311	0.844899	-1.18357	5.97258	3.63168	0.5404961	1
cg21678388	ZNF154B	0.01328866	0.4228892	1.21189	1.21189	0.00125762	0.330996	-3.02118	0.00681763	0.439142	-2.27717	0.168494	1.4113	1.4113	0.504919	1.17216	1.17216	0.134279	1.46097	1.46097	0.488846	1.17949	1.17949	0.628649	1.12122	1.12122	0.4912	0.848607	-1.1784	5.39131	4.70645	0.775973	1
cg08544628	ZNF154B	0.0240275	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.0232592	2.00822	?	?	?	?	0.1030168	?	2.55982	0.89067	0.976146	-1.02444	15.8855	2.07056	0.130343	1
cg21944022	ZNF154B	0.00255647	0.131639	-7.59652	0.387466	0.508105	-1.9681	0.0187844	0.113484	-8.81183	0.561913	1.56555	1.56555	0.00811161	0.07495558	-13.3412	0.07493	0.0277732	1.24148	1.24148	0.232304	0.98788	2.90748	0.9170944	0.817038	-1.22393	0.00884937	0.076697	-13.0382	3.97074	36.7398	8.22456	1
cg20935168	ZNF154B	0.01148681	0.0388868	0.213576	-4.68609	0.0454557	0.21185	-4.72114	0.0788871	0.222082	-3.82536	0.347529	0.52317	-1.91143	0.007905564	0.5970637	-1.68325	0.09248682	0.289345	-3.45608	0.0115455	0.128172	-7.74157	0.8551502	0.884408	-1.13059	0.03630561	0.173211	-5.84075	5.63385	25.8187	6.315561	1
cg05834826	ZNF154B	0.04165991	0.542959	1.07612	1.07612	0.01099861	0.146236	-1.46236	0.0447436	0.31585	-1.31585	0.0242765	1.377	1.377	0.335884	1.25549	1.25549	0.06631122	1.27808	1.27808	0.04954777	0.76572	-1.30596	0.6886095	1.04915	1.04915	0.507407	1.083042	1.08342	3.62698	0.8152252	0.1998	1
cg07764676	ZNF154B	0.0472336	0.01909018	0.242621	-4.12165	0.238692	1.91255	0.148503	2.33109	2.33109	?	?	?	?	0.635493	0.67973	-1.47117	0.810261	1.12771	1.12771	?	?	0.0158769	0.15204	-6.5772	0.0711198	3.1396	0.30217	16.807	1.52392	1
cg16091952	ZNF154B	0.00123178	0.102564	2.90824	2.90824	0.449476	0.630848	-1.58517	0.003931152	0.139188	-7.18465	0.015586336	0.170258	-5.87343	0.000599582	0.045494	-21.9798	0.0158681	0.67631	-1.47885	0.00233798	0.427443	-38.3888	0.00154451	0.0671458	-16.1954	0.0140828	0.16339	-6.12094	11.0887	62.7542	5.03047	1
cg12957339	ZNF154C	0.00406283	0.2441912	1.25367	1.25367	0.00507741	0.502881	-1.98854	0.652611	0.919359	-1.08771	0.400358	0.852368	-1.1732	0.05256886	1.50524	1.50524	0.459424	1.15001	1.15001	0.0146897	1.746	1.746	0.0608189	0.675604	-1.48036	0.000781599	0.389568	-2.56694	7.81568	4.26191	0.484714	1
cg01142438	ZNF154C	0.0059816	0.118299	0.729572	-1.37097	0.2379712	0.951055	-1.05146	0.1445661	1.33705	1.33705	0.865953	0.969077	-1.03191	0.804423	0.954918	-1.04725	0.281389	0.812081	1.12314	0.1272866	1.3587	1.3587	0.190752	1.20514	1.20514	0.000328141	0.289866	-3.44987	6.94571	3.80276	0.486665	1
cg06659791	ZNF154C	0.07971671	0.9523396	0.978701	-1.02178	0.7945604	0.686066	-1.46872	0.0794604	0.496829	-2.01277	0.6040398	0.473394	2.11241	0.000938728	0.169749	-5.89105	0.05602213	0.459457	-2.17648	0.00123431	0.183183	-5.45902	0.0057181	0.2719331	-3.6774	0.0451068	0.143777	-6.95743	6.53815	13.4096	1.817553	1
cg25942031	ZNF154C	0.0116798	0.0106012	0.220744	-4.53013	0.385742	0.658389	-1.51886	0.136235	0.470192	-2.12679	?	?	?	0.354285	0.63894	-1.56509	0.784646	1.13741	1.13741	0.462546	0.703623	-1.42122	0.000661775	0.086213	-11.5992	0.633222	1.25431	1.25431	0.08255	15.8085	3.11034	1
cg19765115	ZNF154C	0.020878	0.63307	1.831861	1.23431	0.2034025	0.206426	-1.76546	0.1708085	0.851235	-1.17476	0.2702075	0.893028	-1.11979	0.1105854	0.749944	-1.33351	0.000465547	0.094312	-10.6039	2.47653	0.733453	-1.36341	0.0010368	2.599472	-1.42955	-2.42995	0.863596	0.029011	-1.07641	4.14738	12.0451	2.58158	1
cg08278489	ZNF154C	0.03179001	0.0599612	0.774009	-1.29197	0.0863368	0.795555	-1.25698	0.15017	0.830112	-1.20466	0.551033	0.929775	-1.07553	0.401861	1.10912	1.10912	0.782942	0.967215	-1.03409	0.33134	0.693946	-1.43997	0.13866	2.12318	1.21218	0.03929	0.827183	0.009873	-1.20852	4.96325	2.12128	0.405329	1
cg00007466	ZNF154C	0.00037152	0.571881	1.882581	-1.13163	8.79E-05	0.208001	-4.54212	0.0178234	0.135527	-7.38227	0.0017024	0.12549	-7.96355	0.000306554	0.641812	-1.55872	0.07972993	0.596858	1.67548	0.0013553	0.244809	0.6699165	-1.49353	0.1233	0.6877553	0.4054001	0.154208	0.6495	-1.54041	0.9439	0.1109	0.6864803	1
cg02613964	ZNF15/ZNF35	0.00890699	0.607298	1.04441	1.04441	0.0490286	0.828309	-1.20728	0.0412537	0.820897	-1.21818	0.846045	1.01643	1.01643	0.03165568	1.23512	1.23512	0.007775919	1.33189	1.33189	0.00189046	1.44648	1.44648	0.942806	1.00603	1.00603	0.582063	0.954475	1.0477	6.13255	5.682426	0.098015	1
cg01966787	ZNF362	1.22E-05	0.000400642	0.448281	-2.23075	2.00E-06	0.187813	-5.32444	0.0074324	6.63432	1.63432	0.0469649	0.723252	-1.38264	1.68E-06	0.180624	-5.53637	0.003441157	0.567738	-1.76138	0.308217	0.860472	-1.16215	0.12061	1.27108	1.27108	0.0144063	0.65068	-1.53685	38.5364	12.3905	0.285801	1
cg01939664	ZNF362	0.00759759	0.8043335	0.220322	-4.53522	0.474631	0.196116	-5.09896	0.1537713	1.8257	1.08536	0.6555441	0.964202	1.24032	0.0013124	0.806451	-1.24002	0.07836562	1.82167	1.82167	0.9151	0.498835	-2.00656	0.1875003	0.942404	-1.06102	0.0240382	1.14785	1.14785	0.47667	1.07641	0.1417988	1
cg03767970	ZNF362	0.00817586	0.5810468	0.877069	-1.14016	0.0157819	1.00581	2.00581	0.503739	1.17313	1.17313	0.996695	0.999026	-1.00098	0.021184	0.520945	-1.91959	0.06260674	0.609955	-1.63946	0.0757719	0.628063	-1.5922	0.00126039	3.02789	3.02789	0.603558	0.88401	-1.13121	6.30086	5.52649	0.779646	1
cg11251349	ZNF362	0.0119528	0.487358	1.06516	1.06516	0.0726134	0.82129	-1.19433	0.3966251	0.920998	-1.07995	0.1179076	1.16242	1.16242	0.08278857	0.843344	-1.18569	0.185127	0.882855	-1.13269	0.0076544896	0.655151	-1.5261	0.00128107	2.77434	-1.2956	0.0530055	0.82288	-1.21524	5.62363	0.6597442	0.1106959	1
cg17422088	ZNF362	0.0123391	0.352613	0.768251	-1.30166	0.0216948	2.3175	2.1375	0.0765505	2.72116	1.72116	0.771586	1.08186	1.08186	0.00436339	0.350086	-2.85644	0.020235	1.46905	1.46905	0.0105431	0.25297	-3.95297	0.2171572	0.5175574	0.6529547	-1.53142	1.94423	5.52327	6.64561	1.06951	1
cg03182564	ZNF362	0.02276224	0.51888	0.890664	-1.12351	0.232774	1.24961	1.24961	0.298754	1.21144	1.21144	0.631561	1.08493	1.08493	0.351735	0.843009	-1.1861	0.004836373	0.51398	-1.9456	0.216708	1.26048	1.26048	0.00384864	0.499749	-2.00101	0.6111182	1.0956	1.0956	4.50095	2.26084	0.446491	1
cg10509804	ZNF362	0.02780716	0.0468036	0.428313	-2.33446	0.0207096	0.671134	-1.49023	0.2132544	0.746278	-1.33957	0.0499754	1.274755	1.274755	0.01249343	0.784564	-1.27477	0.159781	0.599183	-1.66894	0.0207902	0.777162	-1.28657	0.0179213	0.616968	-1.62083	0.0828464	0.488601	-2.04628	4.97798	9.28222	1.95358	1
cg02972475	ZNF362	0.0328648	0.0338692	0.300505	-3.32774	0.0573715	0.51435	-1.9442	0.7648815	1.09534	1.09534	0.0289359	0.451261	-2.21601	0.0776706	0.545592	-1.83287	0.665613	0.847289	-1.14379	0.377531	1.32282	1.32282	0.264892	1.43192	1.43192	0.0866004	0.557198	-1.79469	3.95588	9.981	1.34394	1
cg09057236	ZNF365	5.46E-06	0.1221083	1.833283	-1.63563	7.79E-05	0.208001	-4.54212	0.0178234	0.135527	-7.38227	0.0017024	0.12549	-7.96355	0.000306554	0.641812	-1.55872	0.07972993	0.596858	1.67548	0.0013553	0.244809	0.6699165	-1.49353	0.1233	0.6877553	0.4054001	0.154208	0.6495	-1.54041	0.9439	0.1109	0.6864803	1
cg00113225	ZNF365	0.0430873	0.432014	1.3574	1.3574	0.00872002	0.279863	-3.57318	0.00811826	0.274877	-3.63799	0.70586	0.86547	-1.15544	0.265191	0.64245	-1.55654	0.808277	1.09706	1.09706	0.632859	0.832442	-1.20128	0.191256	0.69427	1.69427	0.0686122	0.459915	-2.17431	3.58315	2.23995	2.04412	1
cg11503710	ZNF365/ZNF365	8.25E-05	0.0043419	0.430312	-2.32389	1.47E-05	0.136555	-7.32308	0.0019862	0.35914	-2.78443	5.00E-05	0.185695	-5.38518	6.47E-05	0.197122	-5.073	0.416101	1.20188	1.20188	0.53893	1.40178	1.40178	0.0198514	0.536793	-1.86292	0.0137791	0.509873	-1.96127	23.3102	18.0705	0.68908	1
cg02419999	ZNF365/ZNF365	0.000773185	0.9311881	0.875893	-1.14189	0.0126745	0.274057	-3.64887	0.0883553	0.364955	-2.74039	0.0141734	0.220035	-4.54511	0.002995	0.491537	-2.03441	0.078356	2.39158	2.39158	0.0466	0.418744	0.7266	0.3581211	0.18798	1.18798	0.000473491	0.154302	-6.48505	4.65035	1.96	0.4653815	1
cg22963191	ZNF365/ZNF365	0.002527	0.940678	0.991019	-1.00906	0.756412	0.962983	-1.03844	0.0662543	0.779009	-1.28368	0.542113	0.927923	-1.07768	0.000358827	0.495546	-2.00182	0.229212	0.858169	-1.16527	0.0293888	1.36481	1.36481	0.0189252	0.708539	-1.41136	0.000577564	0.524373	-1.90704	9.00352	2.09542	0.206875	1
cg13315508	ZNF365/ZNF365	0.00188658	0.585884	1.092475	1.092475	0.195334	1.25261	1.08883	0.0004559	0.636302	-1.57158	0.748243	0.963135	-1.07759	0.488829	0.790743	-1.26497	0.306304	1.12315	1.12315	0.48984	0.890146	-1.12353	0.0001466	4.46596	-1.44153	0.465097	0.142655	-7.00828	4.14308	1.15808	0.2743	1
cg14701867	ZNF365/ZNF365	0.00584211	0.00186294	0.163653	-6.11051	0.0982133	0.475379	-2.10358	0.0069248	0.238618	-4.1908	0.0250594	0.178888	-5.59035	0.058715	0.415675	-2.40573	0.0659849	0.429251	-2.32964	0.0022237	0.172553	-5.79531	0.452903	0.730874	-1.36822	0.00657722	0.235271	-4.25042	4.96947	18.6279	2.36664	1
cg00236005	ZNF365/ZNF365	0.00640903	0.0752905	0.540992	-1.84845	0.00284737	0.279691	-3.57538	0.00253259	0.272511	-3.66958	0.244903	0.685685	-1.4584	0.01842658	0.411904	-2.42775	0.847684	0.942093	-1.06147	0.0012093	0.229878	-4.35014	0.06112234	0.519632	-1.92444	0.0102041	0.366128	-2.73129	6.79903	10.3624	1.35476	1
cg03180513	ZNF365/ZNF365	0.00407713	0.0324492	0.3477	-2.87538	0.0388983	0.319964	-3.12551	0.0060827	0.25025	-3.99552	0.1078995	0.137976	-7.24619	0.001682123	0.3234	-3.09245	0.029049	0.29398	-3.40159	0.0013779	0.232134	-4.30855	0.0001446396	0.435151	-2.29755	0.0530055	0.82288	-1.21524	5.62363	0.6597442	0.1106959	1
cg07283103	ZNF365/ZNF365/ZNF365	0.000487407	0.315977	1.10664	1.10664	0.0478625	0.24745	-4.04245	0.0004	0.24745	0.75904	1.03053	0.00924342	0.724055	-1.38111	0.004389094	0.581112	-1.72084	0.000231617	0.553038	-1.8171	0.00447362	0.584757	-1.71011	0.3259093	1.10422	1.10422	0.0821399	0.20712	14.392	2.17734	0.134479	1
cg09287086	ZNF365/ZNF365/ZNF365	0.00228257	0.6715631	0.894063	-1.11854	0.2196196	1.34196	1.34196	0.1273713	1.8257	1.8257	0.0263423	0.943996	-1.05975	0.6152423	0.794399	-1.25845	0.046888	1.34044	1.34044	0.0221414	0.579697	1.7233	0.0027613	0.6927	1.6927	0.0099811	0.794075	1.6927	0.0099811	0.794075	1.6927	0.227483	1
cg03897252	ZNF365/ZNF365/ZNF367	0.00551986	0.0200649	1.43062	1.43062	0.385556	1.12026	1.12026	0.0575887	1.31536	1.31536	0.362877	1.14595	1.14595	0.9513351	1.00782	1.00782	0.000439234	0.492192	-2.03173	0.151622	0.821922	-1.21666	0.07405502	1.28934	1.28934	0.0951446	1.26375	1.26375	7.11967	1.83747	0.229408	1
cg06075238	ZNF366	7.19E-06	4.26E-05	0.284504	-3.51454	0.0134	0.853086	-1.17222	0.0002556	0.613246	-1.63045	0.0001246	0.078747	-12.6955	0.000129	0.076504	-13.0755	0.000122462	0.138462	-7.22154	2.29E-05	0.276056	-3.62155	0.2310254	1.23464	1.23464	0.0003774	0.403702	-2.47707	44.1954	17.8383	0.358776	1
cg29958008	ZNF366	0.03085179	0.623003	-1.60513	0.545358	0.89399	1.0858	1.0858	0.0001610	0.307308	-3.25406	0.0034022	0.48242	-2.07288	0.0703826	0.533216	-1.87541	0.007883696	0.53575	-1.86654	2.60E-05	0.257216	-3.88779	0.945576	0.838107	-1.19326	0.0426318	0.65223	-1.5332	12.5123	6.64244	0.471958	1
cg14913210	ZNF366	0.00133477	0.280665	0.887053	-1.12733	0.00267101	0.641568	-1.55868	0.0194568	0.739405	-1.35244	0.764476	0.968396	-1.03264	0.248136	1.13773	1.13773	0.721925	0.962527	-1.03893	7.06E-05	0.739484	-1.35206	0.0001	0.9036111	-1.10667	0.30399	0.892452	-1.12051	10.8368	1.96056	0.160814	1
cg12607790	ZNF366	0.00185905	0.0042167	0.238313	-4.19797	0.0027096	0.271145	-3.68923	0.0023012	0.146477	-6.82703	0.0001246	0.033455	-29.9152	0.0039883	0.270804	-3.69235	0.033409	0.420065	-2.38058	0.0005345	0.177162	-5.64394	0.0027702	0.277162	-3.60799	0.217813	0.616968	-1.62083	0.0828464	0.488601	-2.04628	4.97798	9.28222	1.95358	1
cg00445664	ZNF366	0.00692036	0.0489328	0.510109	-1.96036	0.0031774	0.299313	-3.34099	0.0816378	0.561167	-1.782	0.307171	0.728712	-1.37228	0.0110863	0.385386	-2.5948	0.006031355	0.341647	-2.927	0.000978477	0.230411	-4.34006	0.00643889	0.346171	-2.88874	0.233533	0.688031	-1.45342	6.63875	9.42341	1.26174	1
cg10256152	ZNF366	0.0156334	0.756128	0.943599	-1.05997	0.4266182	1.81159	1.81159	0.0215256	0.650849	-1.53591	0.8775544	0.976134	-1.02483	0.011203	0.612397	-1.64533	1.54E-05	0.183554	1.83554	0.0001	0.0020554	0.0503539	1.41834	1.41834	0.0074153	1.66074	1.66074	0.254942	1.20469	1.01584	1.04902	0.345558	1
cg02380276	ZNF366	0.0233165	0.6037227	0.931073	-1.09761	0.326864	0.835244	-1.19726	0.0970252	0.72329	-1.38257	0.559974	1.11052	1.11052	0.520046	1.12297	1.12297	0.356666	1.18367	1.18367	0.050857629	2.43631	2.43631	0.1180933	0.739482	-1.3523	0.921104	1.01778	1.01778	4.44376	2.23629	0.445322	1
cg22558265	ZNF366	0.0253572	0.6434883	1.74369	1.74369	0.0742147	0.257286	-1.70278	0.486192	0.827585	-1.20833	0.973984	1.00876	1.00876	0.036219	0.26101	2.06101	0.231247	0.715295	-1.39803	0.0433223	0.289683	0.982336	0.861857	-1.16029	0.746336	0.916818	-1.09073	4.35377	4.91655	1.00796	1
cg10807003	ZNF366	0.0769275	0.0349092	0.2555	-3.91403	0.75893	0.3304225	-3.02729	0.1522852	0.566458	-1.76503	0.2015578	0.213039	-4.69397	0.0371933	0.607697	-1.64579	0.033509	0.407697	0.6031	0.0002466	0.3295	-3.03566	0.3229	0.6244058	-2.25196	0.2320217	0.509001	-1.96442	3.5974	0.6244	0.1733	1
cg16221201	ZNF366	0.03996224	0.00967852	0.520106	-1.92268	0.569105	1.12178	1.12178	0.872713	0.968488	-1.03254	0.0280075	0.595492	-1.67928	0.759649	0.940559	-1.0632	0.488138	0.86879	-1.15103	0.209314	1.30247	1.30247	0.0215948	1.73492	1.73492	0.5145828	1.1411	1.1411	3.68441	2.32752	0.561432	1
cg14514174	ZNF367	0.00344456	0.0196487	0.844511	-1.18413	0.000465193	0.636302	-1.57158	0.747403	0.87628	1.02689	1.02689	?	?	?	?	0.824883	0.010133	0.776483	-1.28786	0.0140242	0.729498	-1.28288	0.0144222	1.21301	1.21301	0.557439	0.952443	-1.04993	8.39423	0.799099	0.084946	1
cg21103913	ZNF367	0.014709	0.00248717	-1.56739	-1.76137	0.979909	0.996615	-1.0034	0.322006	1.14771	1.14771	0.865127	0.997368	-1.00314	0.354907	1.13977	1.13977	0.042161	0.895346	-1.11689	0.00162489	0.614202	-1.62747	0.0144357	1.18703	1.18703	0.442048	1.1065	1.1065	5.24134	1.49746	0.255273	1
cg03415649	ZNF367	0.01895513	0.00818655	0.228911	-4.36851	0.916173	0.955158	-1.04695	0.327059	0.64347	-1.55407	0.411494	1.44186	1.44186	0.00456559	0.19286	-5.18512	0.236734	0.58263	-1.71636	0.0168076	0.280446	-3.56575	0.66703	1.20757	1.20757	0.0108865	0.248319	-4.02707	4.79087	14.4077	2.67318	1
cg19914760	ZNF367	0.03313952	0.1315564	0.748893	-1.33561	0.180788	0.629272	-1.58902	0.0284012	0.64167	-1.55837	0.2810343	0.834693	-1.19792	0.0135995	0.738457	-1.35393	0.030405	0.420065	-2.38058	0.0005345	0.177162	-5.64394	0.0027702	0.277162	-3.60799	0.217813	0.616968	-1.62083	0.0828464	0.488601	-2.04628	4.97798	9.28222	1.95358	1
cg14320938	ZNF367/ZNF367	0.000551578	0.0801298	0.727127	-1.37496	0.256661	0.861034	-1.16139	0.882789	1.01882	1.01882	0.805184	1.09172	1.09172	0.438419	1.10504	1.10504	0.067345	1.29572	1.29572	0.646	0.278873	-3.56211	0.8659021	0.978871	-1.02159	0.060553	0.765348	-1.30659	13.906	3.51742	0.224838	1
cg15878631	ZNF367/ZNF373	4.27E-05	7.77E-05	0.616557	-1.62191	0.0947568	0.34	2.94118	2.71E-05	0.83085	1.20344	0.8085	0.837849	1.19372	0.03769	0.807483	-1.23871	0.000175	0.587849	1.70092	0.0001	0.0001	0.0001	1.0114	1.0114	0.000255442	1.50265	1.50265	2.81E-06	2.13578	1.82319	0.4149	0.8244	1
cg15281032	ZNF367/ZNF37A	4.63E-05	?	?	?	6.89E-05	0.533179	-1.87554	?	?	?	?	?	0.000115764	1.69677	1.69677	0.000783496	0.757068	2.32089	2.32089	?	?	?	1.55E-05	2.81626	2.81626	0.000527506	0.727619	-1.37435	?	?	?	0.002866	0.836015	-1.19615	1035.84	4.06954	0.00196438	1
cg04555116	ZNF367/ZNF37A	0.000093367	0.749457	0.895422	-1.11679	0.0492552	0.26226	2.2026	0.452633	1.30264	1.30264	0.722228	0.884201	-1.13096	9.61E-06	0.0234853	-42.5798	0.320548	0.700865	-1.42681	0.902847	0.958792	-1.04298	0.755966	0.8981101	-1.11346	0.80828	0.919624	-1.0874	16.068	29.5796	1.43181	1
cg02531214	ZNF367/ZNF37A	0.000763219	0.4448391	0.877383	-1.13983

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11619549	ZNF394	0.0143356	0.00175961	0.38126	-2.62288	0.0742342	1.53787	1.53787	0.484668	0.857575	-1.16608	0.0325001	0.58186	-1.71863	0.102209	0.679108	-1.47252
cg00381745	ZNF394	0.0232942	0.0377952	0.0929529	-10.7581	0.00217791	0.0143967	-69.4603	0.274124	0.325539	-3.07183	0.388282	0.418104	-2.39175	0.0811272	0.148515	-6.73332
cg17620414	ZNF394	0.0376393	0.195963	0.796504	-1.25549	0.0413687	1.47913	1.47913	0.16037	1.28342	1.28342	0.0730891	1.39457	1.39457	0.0127258	1.67378	1.67378
cg14446015	ZNF395	0.0120586	0.0151632	0.615928	-1.62357	0.781901	1.04611	1.04611	0.93268	1.01382	1.01382	0.00180454	0.486291	-2.05638	0.158051	0.782572	-1.27784
cg07006853	ZNF395	0.0147001	0.0168918	0.605812	-1.65068	0.740923	1.05872	1.05872	0.43544	1.14664	1.14664	0.0310952	0.647171	-1.54519	0.184483	0.785007	-1.27387
cg17199018	ZNF395	0.019256	0.105883	1.73467	1.73467	0.781061	1.09078	1.09078	0.0233199	0.429416	-2.32874	0.0109254	0.36926	-2.70812	0.963639	1.01432	1.01432
cg21330896	ZNF395	0.022804	0.145625	0.357074	-2.80054	0.176802	0.388169	-2.57619	0.00564261	0.0912472	-10.9592	0.00921901	0.113197	-8.83418	0.456666	0.606744	-1.64814
cg22194807	ZNF396	3.47E-06	0.224028	0.881544	-1.13437	0.26991	0.892796	-1.12008	4.40E-05	0.46551	-2.14818	0.012347	0.735286	-1.36002	0.0121778	0.734639	-1.36121
cg13346073	ZNF396	0.000251872	0.0103758	0.76592	-1.30562	0.00791908	0.754773	-1.3249	0.613222	1.04301	1.04301	0.924129	0.992162	-1.0079	0.143006	1.13888	1.13888
cg06225979	ZNF396	0.000292163	0.0257875	0.79417	-1.25918	0.000992129	1.53094	1.53094	0.360191	1.08533	1.08533	0.000173386	1.74188	1.74188	0.00462246	0.720338	-1.38824
cg14957359	ZNF396	0.00315307	0.00463569	0.442276	-2.26103	0.449039	1.18187	1.18187	0.192634	0.7418	-1.34807	0.0138318	0.517395	-1.93276	0.0245862	0.559939	-1.78591
cg27583455	ZNF396	0.0142317	0.912241	1.04663	1.04663	0.892029	0.945401	-1.05775	0.588407	0.797817	-1.25342	0.0038054	0.199187	-5.02042	0.00110221	0.136855	-7.30703
cg26482862	ZNF396	0.0156505	0.432643	1.11251	1.11251	0.0293425	0.71054	-1.40738	0.0147445	1.49121	1.49121	0.0219088	1.44213	1.44213	0.293057	0.864826	-1.1563
cg23785882	ZNF397;ZNF397	0.000189691	0.361929	1.14935	1.14935	0.307286	0.854719	-1.16998	0.0106563	0.620697	-1.61109	0.0178756	1.53351	1.53351	8.21E-06	0.235471	-4.2468
cg12575136	ZNF397;ZNF397	0.01067	0.188812	1.2832	1.2832	0.0915786	1.39477	1.39477	0.156258	1.31212	1.31212	0.34058	0.838699	-1.19232	0.199394	0.784394	-1.27487
cg01768926	ZNF397;ZNF397	0.0127467	0.150591	0.657701	-1.52045	0.0111423	0.420923	-2.37573	0.425029	0.801273	-1.24801	0.0666825	1.74924	1.74924	0.0238039	0.480151	-2.08268
cg12934466	ZNF397;ZNF397	0.0206289	0.00210658	1.94096	1.94096	0.0984505	1.32038	1.32038	0.477317	1.11718	1.11718	0.690427	0.940452	-1.06332	0.0761345	1.35344	1.35344
cg23502473	ZNF397OS;ZNF397OS	0.000116129	0.995781	0.999305	-1.0007	4.63E-06	0.251072	-3.98292	0.0849171	0.778331	-1.2848	0.0755482	1.29722	1.29722	0.00242774	1.74243	1.74243
cg23624808	ZNF397OS;ZNF397OS	0.00455101	0.025261	3.07064	3.07064	0.00097115	0.126163	-7.92622	0.122196	2.02671	2.02671	0.939133	0.968308	-1.03273	0.0337161	0.351406	-2.84571
cg05136804	ZNF397OS;ZNF397OS	0.022954	0.00373636	0.406764	-2.45843	0.110957	0.671036	-1.49023	0.515886	0.859557	-1.16339	0.0730989	0.631794	-1.58279	0.787589	1.06401	1.06401
cg13606990	ZNF397OS;ZNF397OS	0.0356764	0.699402	0.807364	-1.2386	0.207213	0.480209	-2.08243	0.0349531	3.87799	3.87799	0.196727	0.471082	-2.12277	0.00669759	0.143754	-6.95632
cg27495964	ZNF398;ZNF398	0.000205113	0.444958	0.903096	-1.1073	0.0570906	0.75444	-1.32549	0.170114	0.825923	-1.21077	0.501386	0.914553	-1.09343	0.109344	0.795708	-1.25674
cg07481169	ZNF398;ZNF398	0.000364203	7.42E-05	0.573857	-1.74259	0.00268556	1.37718	1.37718	0.121978	0.878704	-1.13804	0.0380311	1.20385	1.20385	0.419995	1.06562	1.06562
cg23158103	ZNF398;ZNF398	0.0127919	0.169064	0.767602	-1.30276	0.292217	1.21807	1.21807	0.414981	1.16231	1.16231	0.267557	1.23181	1.23181	0.000427205	0.365438	-2.73645
cg08816858	ZNF398;ZNF398	0.0346166	0.628777	0.833794	-1.19934	0.573719	0.808883	-1.23627	0.402818	1.37638	1.37638	0.573548	1.23639	1.23639	0.0261497	0.373603	-2.67664
cg04582541	ZNF398;ZNF398;ZNF398	0.00217298	0.507028	1.108	1.108	0.160008	0.795555	-1.25698	0.445167	0.888182	-1.1259	0.304123	1.17603	1.17603	0.6376	0.930262	-1.07497
cg11096575	ZNF3;ZNF3	1.80E-05	0.00186747	0.47561	-2.10256	0.00227174	0.48723	-2.05242	0.000821937	0.427896	-2.33702	0.831798	1.03647	1.03647	0.0295557	0.649542	-1.53955
cg07338983	ZNF3;ZNF3	0.000178506	0.945324	1.00992	1.00992	0.0627833	0.739745	-1.35182	0.542218	0.915001	-1.09289	0.0055237	0.591499	-1.69062	0.125372	0.787545	-1.26977
cg07904926	ZNF3;ZNF3	0.00554245	0.126282	0.799193	-1.25126	0.472314	0.905683	-1.10414	0.152246	1.23099	1.23099	0.0768181	0.765926	-1.30561	0.00400065	0.592047	-1.68905
cg17851657	ZNF3;ZNF3	0.00605658	0.103857	0.356317	-2.80649	0.0619148	3.38665	3.38665	0.729761	0.817735	-1.22289	0.003807	9.62577	9.62577	0.0018036	0.0761234	-13.1366
cg15571730	ZNF3;ZNF3	0.00961395	0.403218	0.73606	-1.35858	0.0103753	3.17866	3.17866	0.790636	0.90908	-1.10001	0.0162306	2.86679	2.86679	0.585376	0.8209	-1.21818
cg25340881	ZNF3;ZNF3	0.0113414	0.84843	1.04524	1.04524	0.884843	0.967043	-1.03408	0.640195	0.896854	-1.11501	0.0757048	0.633077	-1.57959	0.000694073	0.30214	-3.30972
cg11300402	ZNF3;ZNF3	0.0158853	0.185864	0.673856	-1.484	0.0028159	3.18368	3.18368	0.634674	0.873972	-1.1442	0.0294869	2.05738	2.05738	0.70203	0.897468	-1.11425
cg01043524	ZNF3;ZNF3	0.0162178	0.248651	0.754887	-1.3247	0.00185564	0.356993	-2.80117	0.0836821	1.56264	1.56264	0.00519104	0.423079	-2.36363	0.734232	1.0827	1.0827
cg00225917	ZNF3;ZNF3	0.021177	0.332642	0.794055	-1.25936	0.199775	0.731573	-1.36692	0.912574	1.02567	1.02567	0.552382	1.14878	1.14878	0.00103418	0.325822	-3.06916
cg20812675	ZNF3;ZNF3	0.0354789	0.752658	0.955774	-1.04627	0.18001	0.815685	-1.22596	0.138389	0.795917	-1.25641	0.932687	1.01216	1.01216	0.52632	1.09622	1.09622
cg11679914	ZNF3;ZSCAN21	2.29E-06	0.0708703	0.796332	-1.25576	0.221995	1.15585	1.15585	0.0267809	1.34457	1.34457	3.26E-07	0.186997	-5.34768	2.85E-07	0.181609	-5.50634
cg04272052	ZNF3;ZSCAN21	0.0088119	0.395172	0.922975	-1.08345	0.549543	1.05732	1.05732	0.894251	1.01232	1.01232	0.041851	1.24096	1.24096	0.00186245	0.666083	-1.50131
cg19268446	ZNF404	0.00188258	0.0184664	0.232051	-4.30939	0.00560566	0.155829	-6.41731	0.0158329	0.220731	-4.5304	0.271377	1.79551	1.79551	0.00132752	0.0919825	-10.8716
cg00175987	ZNF407;ZNF407;ZNF407	0.000949026	0.000957697	0.551288	-1.81393	0.10661	1.2377	1.2377	0.400283	1.10984	1.10984	0.000182723	0.464975	-2.15065	0.00102106	0.554634	-1.80299
cg14904638	ZNF408	0.000746428	0.0003833	0.290569	-3.44153	0.0316398	1.73206	1.73206	0.459857	0.848692	-1.17828	0.000208659	0.258505	-3.8684	0.918554	1.02255	1.02255
cg16692211	ZNF408	0.0328571	0.96816	0.992504	-1.00755	0.450398	1.156	1.156	0.106196	0.717069	-1.39457	0.0180473	1.71851	1.71851	0.301243	1.22373	1.22373
cg14585160	ZNF408;ARHGAP1	0.000261724	0.740174	1.03694	1.03694	0.0991546	0.821157	-1.21779	0.000110709	0.476462	-2.0988	0.901052	0.986533	-1.01365	0.000473077	1.8194	1.8194
cg18458295	ZNF408;ARHGAP1	0.0157056	0.00116357	0.19915	-5.02133	0.00958657	2.94953	2.94953	0.524309	1.22785	1.22785	0.104281	0.564597	-1.77118	0.662974	0.869928	-1.14952
cg14080254	ZNF408;ARHGAP1	0.0468201	0.0195121	0.402918	-2.48189	0.607911	1.18133	1.18133	0.319351	0.717937	-1.39288	0.0548929	0.496068	-2.01585	0.101949	0.561892	-1.7797
cg01805469	ZNF410	0.00259973	0.377765	1.14002	1.14002	0.0048483	0.582208	-1.7176	0.0307509	1.44399	1.44399	0.00696481	1.65779	1.65779	0.381503	0.878123	-1.13879
cg20014585	ZNF410	0.0128628	0.178987	0.776451	-1.28791	0.0238534	0.620097	-1.61265	0.0147775	0.587631	-1.70175	0.50242	0.886354	-1.12822	0.0206572	0.610221	-1.63875
cg18706879	ZNF410	0.0343885	0.0225339	1.20603	1.20603	0.174511	0.905714	-1.1041	0.707142	1.02622	1.02622	0.315572	1.07374	1.07374	0.324296	1.07229	1.07229
cg12152256	ZNF410	0.0355969	0.296529	0.836634	-1.19527	0.661548	1.0753	1.0753	0.0229589	1.56566	1.56566	0.47197	0.886415	-1.12814	0.863335	0.972007	-1.0288
cg14678583	ZNF414	0.027165	0.418633	1.29967	1.29967	0.388265	0.755445	-1.32372	0.0049887	0.307706	-3.24985	0.483807	1.25318	1.25318	0.013941	0.381652	-2.62019
cg23357708	ZNF414;ZNF414	0.023301	0.234476	0.610545	-1.63788	0.520966	0.77292	-1.29379	0.0207446	0.3321	-3.01114	0.512334	0.768674	-1.30094	0.0125278	0.292394	-3.42004
cg14574996	ZNF414;ZNF414	0.0292523	0.107568	0.62151	-1.60899	0.00199546	0.30672	-3.2603	0.0907274	0.603694	-1.65647	0.0916138	0.604693	-1.65373	0.0648895	0.570402	-1.75315
cg27076144	ZNF415;ZNF415;ZNF415;ZNF415	4.15E-06	9.31E-08	20.5482	20.5482	1.18E-05	4.98511	4.98511	0.235304	1.24051	1.24051	0.0934082	0.726342	-1.37676	0.0592227	0.691392	-1.44636
cg02721451	ZNF415;ZNF415;ZNF415;ZNF415	3.88E-05	7.31E-05	2.42902	2.42902	5.65E-06	0.283954	-3.5217	0.039831	0.74652	-1.33955	0.97162	0.995633	-1.00439	0.0608545	1.29686	1.29686
cg20724579	ZNF415;ZNF415;ZNF415;ZNF415	0.0147805	0.0606332	0.333853	-2.99533	0.0218658	0.240076	-4.16536	0.02496	0.250661	-3.98945	0.199974	0.495497	-2.01818	0.00144974	0.0919501	-10.8755
cg14012826	ZNF416	0.000621973	0.34274	1.16557	1.16557	0.252158	1.20622	1.20622	0.0151402	0.626408	-1.5964	0.0958744	1.33197	1.33197	0.000213452	0.379324	-2.63627
cg06933271	ZNF416	0.00162154	0.00168734	0.201813	-4.95508	0.000876931	0.168774	-5.92509	0.0155992	0.347355	-2.8789	0.608405	0.8317	-1.20236	0.000233798	0.11348	-8.81211
cg23294388	ZNF416	0.0163857	0.0153212	0.702741	-1.423	0.192207	1.17773	1.17773	0.062385	1.28221	1.28221	0.537535	0.928686	-1.07679	0.379178	1.11284	1.11284
cg22053300	ZNF416	0.0177724	0.141379	0.802207	-1.24656	0.820226	0.968778	-1.03223	0.29177	1.16466	1.16466	0.00459922	0.591198	-1.69148	0.974326	0.995525	-1.00449
cg14689655	ZNF416	0.0237997	0.131487	0.793978	-1.25948	0.044381	0.720963	-1.38703	0.221585	0.83357	-1.19966	0.790036	0.962895	-1.03854	0.717256	0.949778	-1.05288
cg22079684	ZNF416;ZNF416	0.0079552	0.850342	0.970356	-1.03055	0.627747	0.925107	-1.08096	0.0253459	1.52728	1.52728	0.671904	1.07023	1.07023	0.486201	0.893398	-1.11932
cg14327951	ZNF417	0.000361509	0.00265727	0.670621	-1.49116	0.00276015	1.48727	1.48727	0.227211	1.1296	1.1296	0.221433	1.13151	1.13151	0.0439382	1.24928	1.24928
cg11227172	ZNF417	0.00194324	0.3999	0.640207	-1.56199	0.855015	1.09928	1.09928	0.561171	1.35538	1.35538	8.19E-05	0.0253761	-39.4072	?	?	?
cg12476298	ZNF417	0.00392488	0.00173855	0.398631	-2.50859	0.0018689	0.403046	-2.48111	0.0292358	0.58915	-1.69736	0.304375	0.803265	-1.24492	0.000783536	0.351359	-2.84609
cg09436232	ZNF417	0.00883361	0.000487734	0.349534	-2.86095	0.724666	1.07038	1.07038	0.0811885	0.689472	-1.45039	0.708901	0.930411	-1.07479	0.0330771	0.619235	-1.61489
cg10436115	ZNF417	0.0237988	0.0231324	0.7168	-1.39509	0.232922	0.857823	-1.16574	0.153286	0.82904	-1.20621	0.053015	0.763702	-1.30941	0.697925	1.04898	1.04898
cg15060012	ZNF418	0.0313422	0.00198941	0.315221	-3.17238	0.0551904	1.7767	1.7767	0.374629	1.27246	1.27246	0.695787	1.10949	1.10949	0.924352	1.02543	1.02543
cg18673377	ZNF418	0.0314787	0.228052	0.846545	-1.18127	0.149346	0.815812	-1.22577	0.069613	1.3063	1.3063	0.0490355	1.34431	1.34431	0.24242	0.85122	-1.17478
cg11788523	ZNF418	0.0430071	0.0945806	1.29134	1.29134	0.101706	1.28313	1.28313	0.109574	1.27474	1.27474	0.0566234	1.3502	1.3502	0.906906	1.01641	1.01641
cg26671652	ZNF418	0.0439771	0.429039	0.854696	-1.17001	0.316753	1.22297	1.22297	0.963987	1.00882	1.00882	0.909193	0.978055	-1.02244	0.979311	1.00506	1.00506
cg08134106	ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419	0.0038565	0.0738802	1.75299	1.75299	0.163103	1.52113	1.52113	0.159788	1.52689	1.52689	0.761225	0.917711	-1.08967	0.07293	0.569156	-1.75699
cg17275991	ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419	0.00721769	0.0229693	0.737595	-1.35576	0.606489	1.05986	1.05986	0.0465937	0.774923	-1.29045	0.59046	0.94102	-1.06268	0.00375201	0.645452	-1.5493
cg17155115	ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419	0.00788916	0.0225094	0.252139	-3.96607	0.00143212	0.0978267	-10.2222	0.0501388	0.324341	-3.08318	0.226243	0.526971	-1.89764	0.00346506	0.135245	-7.39399
cg22766230	ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419	0.00816534	0.00849745	0.109352	-9.14476	0.00136979	0.0468822	-21.33	0.0100012	0.117333	-8.52279	0.0473481	0.224262	-4.45906	0.115168	0.32349	-3.09129
cg26941891	ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419	0.0289395	0.34956	1.17048	1.17048	0.26675	1.20823	1.20823	0.185939	1.25767	1.25767	0.134942	0.768394	-1.30142	0.0231079	1.55901	1.55901
cg00415822	ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419	0.0475952	0.933071	1.01134	1.01134	0.00992412	1.54823	1.54823	0.156145	1.22581	1.22581	0.516224	1.09235	1.09235	0.0250545	0.699272	-1.43006
cg09260640	ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF419;ZNF	0.0240871	0.24286	0.574878	-1.7395	0.121722	2.15968	2.15968	0.349588	1.5427	1.5427	0.0189372	0.256225	-3.90282	?	?	?
cg11538407	ZNF41;ZNF41	0.00013628	0.148516	0.755371	-1.32385	6.88E-05	0.267895	-3.7328	0.000190045	0.320198	-3.12306	0.473405	0.876334	-1.14112	1.04E-05	0.181231	-5.51782
cg13525739	ZNF41;ZNF41	0.00245299	0.141254	0.717	-1.3947	0.000479763	0.315968	-3.16488	0.0442908	0.615199	-1.62549	0.145415	0.719834	-1.38921	0.000147418	0.253476	-3.94515
cg26720598	ZNF420	0.002151	0.107912	1.24867	1.24867	0.000945764	0.535736	-1.86659	0.46298	0.909754	-1.0992	0.410075	1.11255	1.11255	0.0299348	1.38176	1.38176
cg10861017	ZNF420	0.0172501	0.242366	1.21311	1.21311	0.00985796	0.597529	-1.67356	0.145973	0.781576	-1.27947	0.850277	0.970604	-1.03029	0.0981711	1.33163	1.33163
cg18029521	ZNF420	0.021228	0.385781	1.07101	1.07101	0.531135	1.05017	1.05017	0.0970429	1.15088	1.15088	0.0578133	0.847474	-1.17998	0.00325207	0.733719	-1.36292
cg26968387	ZNF420	0.0435704	0.182541	1.23934	1.23934	0.86267	0.97408	-1.02661	0.738475	0.950443	-1.05214	0.503191	0.902074	-1.10856	0.934747	1.0125	1.0125
cg00535785	ZNF423	0.000163164	0.267689	0.796503	-1.25549	0.0268984	0.596615	-1.67612	0.000188808	0.28916	-3.45829	0.880168	1.03017	1.03017	3.56E-06	0.117194	-8.53287
cg07633317	ZNF423	0.00192904	0.00847064	0.235532	-4.24571	9.27E-05	0.0497328	-20.1074	0.009299	0.241831	-4.13512	0.0428214	0.366811	-2.7262	0.00125614	0.131819	-7.58618
cg00508851	ZNF423	0.00194634	0.281175	1.16395	1.16395	0.000802993	0.503738	-1.98516	0.102682	0.785037	-1.27383	0.110719	1.26561	1.26561	0.000889751	0.509315	-1.96342
cg04165933	ZNF423	0.00199839	0.049996	0.691732	-1.44565	4.55E-05	0.280432	-3.56593	0.00338972	0.518457	-1.9288	0.0632552	0.708605	-1.41122	0.936609	1.0132	1.0132
cg06146331	ZNF423	0.00221409	0.0110649	0.438824	-2.27882	0.00381019	0.364705	-2.74194	0.000577031	0.252382	-3.96224	0.0246322	0.500675	-1.9973	0.0173335	0.472769	-2.1152
cg10520780	ZNF423	0.00355205	0.0118629	0.324487	-3.08179	0.00370299	0.245304	-4.07657	0.0151179	0.343132	-2.91433	0.0696407	0.483335	-2.06896	0.00349984	0.24186	-4.13462
cg16681157	ZNF423	0.00467743	0.0215038	0.311979	-3.20534	0.0010553	0.129599	-7.71612	0.0388407	0.364622	-2.74257	0.823596	0.910125	-1.09875	0.00127124	0.137668	-7.26388
cg03621841	ZNF423	0.0066714	0.0154237	0.230984	-4.3293	0.0865787	0.393272	-2.54277	0.00461726	0.155954	-6.41215	0.0576489	0.347043	-2.88149	0.00406689	0.149366	-6.69495
cg08418279	ZNF423	0.00708477	0.0829442	0.39885	-2.50721	0.000302999	0.0601186	-16.6338	0.0147914	0.237901	-4.20343	0.472064	0.704544	-1.41936	0.0212609	0.265647	-3.7644
cg01899542	ZNF423	0.0070958	0.0127873	0.222449	-4.4954	0.000965825	0.0918203	-10.8908	0.0607806	0.357971	-2.79353	0.179376	0.500005	-1.99998	0.00232808	0.12665	-7.8958
cg27525020	ZNF423	0.0100417	0.0155621	2.99166	2.99166	0.746042	1.12753	1.12753	0.751268	1.12464	1.12464	0.00865131	3.44306	3.44306	0.182596	0.593062	-1.68616
cg03087880	ZNF423	0.0102517	0.0188112	0.436362	-2.29167	0.58189	1.17591	1.17591	0.0798244	0.56757	-1.7619	0.166824	0.65086	-1.53643	0.00137989	0.258818	-3.86372
cg01832586	ZNF423	0.0124385	0.0593845	0.453662	-2.20428	0.00194431	0.196355	-5.09282	0.0155832	0.332376	-3.00864	0.579239	0.812191	-1.23124	0.00551601	0.258008	-3.87584
cg07089942	ZNF423	0.0130739	0.0792513	0.770975	-1.29706	0.0342862	1.39051	1.39051	0.867445	0.977947	-1.02255	0.956214	1.00736	1.00736	0.0114004	0.655233	-1.52617
cg27596890	ZNF423	0.0159068	0.0172934	0.215364	-4.6433	0.00432339	0.132669	-7.53757	0.0653705	0.334419	-2.99026	0.108996	0.396304	-2.52332	0.0156189	0.208091	-4.80558
cg00299737	ZNF423	0.0172625	0.0491286	0.512854	-1.94987	0.0619549	1.86809	1.86809	0.0778643	0.558464	-1.79062	0.101685	0.587002	-1.70357	0.0932437	0.577545	-1.73147
cg06263178	ZNF423	0.0194603	0.026963	0.327279	-3.0555	0.00962176	0.247227	-4.04487	0.00686681	0.2248	-4.44839	0.0690459	0.420016	-2.38086	0.015206	0.28047	-3.56544
cg26684138	ZNF423	0.0196203	0.259272	0.721757	-1.38551	0.000830836	0.248052	-4.03141	0.15624	0.656902	-1.5223	0.652166	1.13396	1.13396	0.045311	0.529315	-1.88923
cg26900686	ZNF423	0.0198254	0.0170762	3.26406	3.26406	0.0459666	2.53606	2.53606	0.709915	0.858971	-1.16418	0.00943504	3.81394	3.81394	0.444112	0.728019	-1.37359
cg26929700	ZNF423	0.0228798	0.0275283	0.133335	-7.49989	0.00319644	0.0445356	-22.4539	0.00597967	0.0621857	-16.0809	0.257543	0.401172	-2.4927	0.0213973	0.117987	-8.47552
cg14994452	ZNF423	0.0302954	0.619882	1.27081	1.27081	0.155885	2.07026	2.07026	0.0038901	0.155167	-6.44466	0.241007	0.555278	-1.8009	0.0350174	0.308103	-3.24567
cg04086531	ZNF423	0.0353339	0.0359583	0.174316	-5.73672	0.00493788	0.0695524	-14.3777	0.0134436	0.111782	-8.94595	0.283239	0.450115	-2.22165	0.013864	0.113377	-8.82015
cg00448560	ZNF423	0.0362479	0.722716	1.10842	1.10842	0.00160563	3.69627	3.69627	0.0564317	1.86645	1.86645	0.497467	1.2202	1.2202	0.619127	0.865211	-1.15579
cg08692277	ZNF423	0.0379598	0.0281229	0.352863	-2.83396	0.0330582	0.367461	-2.72138	0.0233708	0.336793	-2.96918	0.111932	0.498903	-2.0044	0.0103409	0.273183	-3.66055
cg01672042	ZNF423	0.040001	0.0848187	0.456722	-2.18951	0.00445384	0.210132	-4.75892	0.00489292	0.215779	-4.63437	0.998011	0.998975	-1.00103	0.14352	0.523968	-1.90851
cg26915318	ZNF423	0.0438283	0.851962	0.973902	-1.0268	0.277534	0.852267	-1.17334	0.819777	1.03283	1.03283	0.827006	1.03147	1.03147	0.00182402	0.534134	-1.87219
cg25009327	ZNF425	0.000388518	0.000161366	0.366215	-2.73064	6.11E-05	0.315444	-3.17013	0.000418596	0.418006	-2.39231	0.00132861	0.482962	-2.07056	0.00716758	0.581957	-1.71834
cg03945948	ZNF425	0.000829878	0.855545	1.03181	1.03181	0.90003	0.978638	-1.02183	1.26E-05	0.206087	-4.85233	0.891346	0.976791	-1.02376	0.734254	0.943137	-1.06029
cg25135084	ZNF425	0.00163371	7.56E-05	0.144549	-6.91808	0.977937	1.00748	1.00748	0.00611649	0.381452	-2.62156	0.482882	0.825232	-1.21178	0.09345	0.608366	-1.64375
cg24392299	ZNF425	0.0206268	0.00110994	0.292521	-3.41856	0.913699	1.02812	1.02812	0.873142	1.04172	1.04172	0.807402	0.939434	-1.06447	0.903512	1.03151	1.03151
cg15662616	ZNF425;ZNF425;ZNF398	0.0415841	0.293761	1.18711	1.18711	0.684587	1.06643	1.06643	0.40147	1.14482	1.14482	0.129978	0.772899	-1.29383	0.428199	0.880388	-1.13586
cg07519373	ZNF426	7.43E-05	0.150902	0.834217	-1.19873	1.06E-06	0.222843	-4.48747	0.384478	0.900326	-1.11071	0.173499	0.843223	-1.18593	0.0534583	0.772368	-1.29472
cg25227274	ZNF426	0.00600901	0.0383189	0.782817	-1.27744	0.000184808	0.525019	-1.90469	0.0568588	0.802637	-1.24589	0.663631	0.956343	-1.04565	0.220744	0.876935	-1.14034
cg12104707	ZNF426	0.018401	0.880515	1.02097	1.02097	0.599813	0.929576	-1.07576	0.0326663	0.708359	-1.41171	0.263297	0.85141	-1.17452	0.40996	0.890267	-1.12326
cg01450953	ZNF426	0.0212344	0.0375091	0.745683	-1.34105	0.139581	0.824241	-1.21324	0.00710403	0.655188	-1.52628	0.321576	0.882932	-1.13259	0.00698583	0.654297	-1.52836
cg27390207	ZNF428	0.0126035	0.770091	0.972963	-1.02779	0.695878	0.963925	-1.03743	0.0186448	1.30568	1.30568	0.0194461	0.767794	-1.30243	0.697023	1.03727	1.03727
cg04549868	ZNF428	0.0158172	0.0657014	0.833226	-1.20016	0.188564	0.884205	-1.13096	0.00691823	1.36177	1.36177	0.292387	1.10131	1.10131	0.838601	0.982145	-1.01818
cg25922471	ZNF428	0.0166441	0.268823	1.97001	1.97001	0.0430535	0.253961	-3.93761	0.0244619	0.206355	-4.84603	0.199461	0.450167	-2.2214	0.210238	0.459627	-2.17568
cg10594105	ZNF428	0.0229639	0.0913751	0.682301	-1.46563	0.0281499	1.70419	1.70419	0.47964	1.15924	1.15924	0.00940736	0.50817	-1.96785	0.0401966	1.62816	1.62816
cg02950362	ZNF428	0.0257544	0.931369	1.02137	1.02137	0.67615	0.902017	-1.10863	0.0421058	1.77683	1.77683	0.243459	0.741127	-1.3493	0.321822	0.777839	-1.28561
cg09357157	ZNF428;SRRM5	0.00866125	0.946675	0.982975	-1.01732	0.184702	0.696869	-1.43499	0.159809	0.680046	-1.47049	0.0374898	0.538107	-1.85837	0.0262434	0.50823	-1.96761
cg00453808	ZNF428;SRRM5	0.0397477	0.358849	0.807804	-1.23792	0.913291	0.975661	-1.02495	0.548029	0.871523	-1.14742	0.347908	0.80362	-1.24437	0.0676357	0.629307	-1.58905
cg02587685	ZNF428;ZNF428	0.00350049	0.000160374	0.32961	-3.03389	0.0995368	0.732912	-1.36442	0.889223	0.976297	-1.02428	0.112564	1.34626	1.34626	0.963736	1.00786	1.00786
cg14294115	ZNF429	0.00059869	0.0146807	0.746566	-1.33947	0.00682631	0.711092	-1.40629	0.0233927	0.768332	-1.30152	0.153876	1.16014	1.16014	0.00010966	0.515485	-1.93992
cg11423822	ZNF429	0.00300469	0.377112	0.911368	-1.09725	0.0153695	0.73741	-1.3561	0.000113407	0.49953	-2.00188	0.912867	0.988854	-1.01127	0.703729	1.0399	1.0399
cg12003952	ZNF429	0.00323223	0.485643	0.868899	-1.15088	0.000684604	0.357436	-2.7977	0.00266119	0.438585	-2.28006	0.0528782	1.54716	1.54716	0.34419	1.2132	1.2132
cg08489592	ZNF429	0.0416929	0.54826	0.851062	-1.175	0.0641625	1.73704	1.73704	0.0627283	1.74354	1.74354	0.10218	0.621988	-1.60775	0.0392916	0.530966	-1.88336
cg19788600	ZNF429	0.0420531	0.121935	1.1564	1.1564	0.0358913	1.23562	1.23562	0.0198474	1.27602	1.27602	0.830555	1.01875	1.01875	0.434723	0.933252	-1.07152
cg08370080	ZNF429	0.0421006	0.340725	0.810442	-1.23389	0.172999	1.36399	1.36399	0.280222	1.27162	1.27162	0.505722	1.15553	1.15553	0.00495416	0.45089	-2.21784
cg24324871	ZNF43	0.0341005	0.06337	1.23884	1.23884	0.469583	1.07839	1.07839	0.664871	0.956273	-1.04573	0.256929	1.12905	1.12905	0.49854	0.931945	-1.07302
cg23691946	ZNF430	0.00576503	0.184199	1.33185	1.33185	0.86107	0.96499	-1.03628	0.0382225	0.61346	-1.6301	0.670016	0.91649	-1.09112	0.000288029	0.300084	-3.3324

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11619549	0.109179	0.68527	-1.45928	0.387468	0.825589	-1.21126	0.00766314	0.476375	-2.09919	0.0708104	0.64612	-1.5477	5.25874	3.8989	0.659035	1
cg00381745	0.0771492	0.143981	-6.94536	0.0145057	0.0512973	-19.4942	0.00750722	0.0335902	-29.7706	0.0910104	0.159457	-6.27128	4.46524	68.7818	13.6923	1
cg17620414	0.911542	0.98168	-1.01866	0.00771723	1.76733	1.76733	0.47776	1.1276	1.1276	0.105765	1.34176	1.34176	3.76624	1.65126	0.389721	1
cg14446015	0.0740831	0.72372	-1.38175	0.0634031	1.40369	1.40369	0.15182	1.28328	1.28328	0.153704	1.28161	1.28161	5.56469	2.3257	0.371501	1
cg07006853	0.0108806	0.577062	-1.73292	0.00116539	0.440481	-2.27025	0.817839	0.961103	-1.04047	0.901508	0.978934	-1.02152	5.21538	2.44267	0.416318	1
cg17199018	0.165134	1.58684	1.58684	0.612369	0.852696	-1.17275	0.0112906	2.69015	2.69015	0.100381	1.75302	1.75302	4.76544	7.34055	1.36922	1
cg21330896	0.713746	1.27486	1.27486	0.00461292	0.0833494	-11.9977	0.396688	1.77189	1.77189	0.228824	0.435	-2.29885	4.4981	30.9488	6.11592	1
cg22194807	0.000982734	0.616536	-1.62197	0.0060461	0.701919	-1.42467	4.55E-08	0.151547	-6.59859	1.93E-05	0.424834	-2.35386	53.3182	8.22724	0.137159	1
cg13346073	0.05361	1.19849	1.19849	7.07E-05	0.549495	-1.81985	0.530834	1.05385	1.05385	9.03E-05	1.78329	1.78329	17.2548	1.86503	0.0960776	1
cg06225979	0.0502882	0.823452	-1.2144	0.0125856	1.31011	1.31011	0.000784276	1.55585	1.55585	0.00754179	1.34887	1.34887	16.5697	1.98857	0.106678	1
cg14957359	0.00287684	0.411467	-2.43033	0.0574653	0.627881	-1.59266	0.000244016	0.268885	-3.71907	0.0170035	0.532392	-1.87831	8.43247	6.26592	0.660507	1
cg27583455	0.044669	0.385598	-2.59338	0.0308391	0.350548	-2.85267	0.882238	1.0632	1.0632	0.0830808	0.452354	-2.21066	5.27135	14.2692	2.40616	1
cg26482862	0.413222	0.894601	-1.11782	0.0403776	0.729601	-1.37061	0.0188282	0.684637	-1.46063	0.655299	0.94193	-1.06165	5.10834	1.43421	0.249563	1
cg23785882	0.00329391	0.551711	-1.81254	0.493808	0.901932	-1.10873	0.0908573	1.31875	1.31875	0.00093782	0.48035	-2.08182	18.6335	6.51223	0.310608	1
cg12575136	0.947379	1.01189	1.01189	0.0198357	0.604264	-1.65491	0.00192052	2.19603	2.19603	0.0142025	1.71915	1.71915	5.78899	2.94111	0.451603	1
cg01768926	0.207333	0.696545	-1.43566	0.00207714	0.307634	-3.25062	0.0145954	0.441324	-2.26591	0.749927	0.916707	-1.09086	5.46513	6.40183	1.04124	1
cg12934466	0.521163	1.10487	1.10487	0.199991	0.812507	-1.23076	0.0142918	1.58936	1.58936	0.0215495	1.52701	1.52701	4.65525	1.73406	0.331106	1
cg23502473	0.418015	0.896855	-1.11501	0.0478139	1.34669	1.34669	0.186024	1.20254	1.20254	0.00129748	0.539915	-1.85214	21.2713	5.82916	0.243589	1
cg23624808	0.158396	0.529484	-1.88863	0.0045382	0.203017	-4.92569	0.100737	2.13422	2.13422	0.478911	0.738187	-1.35467	7.55184	21.2698	2.50356	1
cg05136804	0.50904	0.857369	-1.16636	0.0589707	1.63217	1.63217	0.126281	1.46228	1.46228	0.0283144	0.551703	-1.81257	4.48795	3.75118	0.742963	1
cg13606990	0.121128	0.39577	-2.52672	0.834956	0.891313	-1.12194	0.0519222	3.38621	3.38621	0.55617	0.720157	-1.38859	3.8404	18.4993	4.28179	1
cg27495964	1.92E-06	0.213415	-4.68571	0.0466354	1.34746	1.34746	0.23638	0.850097	-1.17634	0.169532	0.82568	-1.21112	18.2458	4.95118	0.241208	1
cg07481169	0.0225435	1.23458	1.23458	0.000422344	1.53868	1.53868	0.113767	0.875701	-1.14194	0.817709	0.982348	-1.01797	15.5977	1.46997	0.0837711	1
cg23158103	0.694261	1.07392	1.07392	0.0388301	0.649336	-1.54004	0.322253	0.831455	-1.20271	0.174118	0.77029	-1.29821	5.45882	2.81716	0.458733	1
cg08816858	0.00529588	0.253751	-3.94087	0.00721216	0.274208	-3.64687	0.944723	0.974459	-1.02621	0.179053	0.587081	-1.70334	3.88257	8.56093	1.95997	1
cg04582541	0.000271193	0.402711	-2.48317	0.000176869	0.379656	-2.63397	0.534685	1.10054	1.10054	0.413727	0.880467	-1.13576	9.41125	3.45976	0.326773	1
cg11096575	1.59E-06	0.130371	-7.67039	3.61E-06	0.160547	-6.22869	0.507363	0.892907	-1.11994	6.91E-05	0.293821	-3.40344	34.7969	15.6307	0.399287	1
cg07338983	1.57E-06	0.174815	-5.72033	0.978641	0.996153	-1.00386	0.910144	1.01639	1.01639	0.393337	0.881705	-1.13417	18.9456	6.22072	0.291863	1
cg07904926	0.000238677	0.438489	-2.28056	0.869054	1.02261	1.02261	0.127504	0.799862	-1.25022	0.579097	1.07889	1.07889	7.11075	2.06807	0.258522	1
cg17851657	0.0819602	3.05977	3.05977	0.217972	0.471442	-2.12115	0.621055	0.748902	-1.33529	0.0592387	3.44106	3.44106	6.91908	36.8951	4.73988	1
cg15571730	0.116044	1.84394	1.84394	?	?	?	0.00701176	0.286791	-3.48686	0.0201953	2.72787	2.72787	6.10569	11.0316	1.80676	1
cg25340881	0.0309775	0.556724	-1.79622	0.0023366	0.374353	-2.67127	0.930469	0.980022	-1.02039	0.477129	0.846069	-1.18194	5.67628	4.80721	0.752795	1
cg11300402	0.0796282	1.72888	1.72888	0.0492338	0.531695	-1.88078	0.195471	0.680243	-1.47006	0.0983813	1.66547	1.66547	5.08313	6.37573	1.11493	1
cg01043524	0.178552	0.716582	-1.39551	0.502138	0.853145	-1.17213	0.889827	1.03285	1.03285	0.31545	1.27383	1.27383	5.04823	4.34709	0.765433	1
cg00225917	0.795549	0.941845	-1.06175	0.00796356	0.456147	-2.19228	0.116524	0.674684	-1.48217	0.0563611	0.607408	-1.64634	4.61378	3.89039	0.749519	1
cg20812675	0.844723	0.972334	-1.02845	0.00145343	0.517827	-1.93115	0.0415494	0.714449	-1.39968	0.0398119	0.711741	-1.40501	3.84814	1.24768	0.288205	1
cg11679914	0.134453	0.833501	-1.19976	0.0134355	0.707937	-1.41256	0.305549	1.12718	1.12718	3.50E-05	0.40564	-2.46524	59.3206	11.9636	0.179269	1
cg04272052	0.0282394	0.787854	-1.26927	0.00281913	0.684766	-1.46035	0.89299	1.01247	1.01247	0.450385	1.07335	1.07335	6.15345	0.825629	0.119265	1
cg19268446	0.523194	0.718397	-1.39199	0.000235986	0.0443819	-22.5317	0.234473	1.89086	1.89086	0.0245491	0.254357	-3.93149	9.81315	40.6072	3.67826	1
cg00175987	0.011058	0.679971	-1.47065	0.656608	1.05565	1.05565	0.00845889	0.665694	-1.50219	0.293014	0.876311	-1.14115	11.9422	2.77085	0.206241	1
cg14904638	0.00508324	0.446017	-2.24207	0.0658402	1.5683	1.5683	0.012642	0.508716	-1.96573	0.0119037	0.504424	-1.98246	12.7787	9.61975	0.669154	1
cg16692211	0.0777174	1.44712	1.44712	0.00874401	1.87691	1.87691	0.164119	0.755892	-1.32294	0.244752	0.795034	-1.25781	3.95622	2.22641	0.500234	1
cg14585160	0.631132	1.05415	1.05415	0.000149884	0.491765	-2.03349	0.171622	1.17191	1.17191	0.0282765	1.32616	1.32616	17.0752	3.2131	0.167265	1
cg18458295	0.659952	0.868753	-1.15108	0.637057	1.16305	1.16305	0.474415	0.793312	-1.26054	0.175463	0.630182	-1.58684	5.72435	8.9448	1.21535	1
cg14080254	0.00825886	0.336999	-2.96737	0.17145	1.59813	1.59813	0.405466	0.760278	-1.31531	0.143357	0.602673	-1.65928	3.47343	5.70411	1.45974	1
cg01805469	0.00115385	0.500835	-1.99667	0.169063	1.23634	1.23634	0.169895	1.23577	1.23577	0.0265685	0.683422	-1.46322	8.92856	2.96494	0.295176	1
cg20014585	0.687841	0.930918	-1.07421	0.00338949	2.02599	2.02599	0.509201	1.126	1.126	0.58422	1.1029	1.1029	5.44899	2.71078	0.442207	1
cg18706879	0.14545	0.898362	-1.11314	0.473189	1.05129	1.05129	0.00277307	1.32697	1.32697	0.224865	1.09134	1.09134	3.89185	0.28978	0.066185	1
cg12152256	0.4724	0.886522	-1.128	0.0223979	0.637074	-1.56968	0.0115902	0.594447	-1.68224	0.126382	1.31325	1.31325	3.84351	1.65315	0.382323	1
cg14678583	0.00948043	0.352566	-2.83635	0.25282	0.684674	-1.46055	0.472601	1.26074	1.26074	0.345939	0.73503	-1.36049	4.2326	6.74298	1.41609	1
cg23357708	0.323688	0.667946	-1.49713	0.00130787	0.156818	-6.3768	0.675373	0.846412	-1.18146	0.0205173	0.331187	-3.01944	4.46479	11.0837	2.20664	1
cg14574996	0.160169	0.666065	-1.50135	0.00923364	0.408667	-2.44698	0.609925	1.14952	1.14952	0.266716	0.730976	-1.36803	4.12357	4.78962	1.03246	1
cg27076144	0.0384053	0.659904	-1.51537	0.0676118	0.701337	-1.42585	0.858391	1.03143	1.03143	0.746586	1.05779	1.05779	50.9331	24.2178	0.422651	1
cg02721451	0.000847162	0.539485	-1.85362	0.00936931	1.4998	1.4998	0.0807799	1.26899	1.26899	0.0115128	1.47523	1.47523	28.4705	6.82418	0.213061	1
cg20724579	0.00771431	0.169442	-5.90171	0.0117283	0.195357	-5.11883	0.309924	0.57988	-1.7245	0.0500259	0.313796	-3.18678	5.206	22.1778	3.78671	1
cg14012826	0.00196877	0.503807	-1.98489	0.00334203	1.87007	1.87007	0.950884	0.990391	-1.0097	0.00172153	0.496043	-2.01596	13.4482	5.23262	0.345861	1
cg06933271	0.00117967	0.183255	-5.45687	0.0375421	0.422942	-2.36439	0.20163	0.618256	-1.61745	0.0235558	0.38123	-2.62309	10.2468	20.6378	1.79029	1
cg23294388	0.0582304	0.775954	-1.28874	0.250143	0.867255	-1.15306	0.517882	1.08079	1.08079	0.00350031	1.59911	1.59911	5.03093	1.11906	0.197722	1
cg22053300	0.00104182	0.508417	-1.96689	0.992357	0.998666	-1.00134	0.124451	0.793103	-1.26087	0.774636	0.960787	-1.04081	4.89602	1.50575	0.273373	1
cg14689655	0.337921	1.15024	1.15024	0.00129617	1.94254	1.94254	0.657853	0.9388	-1.06519	0.359185	0.874956	-1.14291	4.43224	1.40922	0.282619	1
cg22079684	0.451857	0.885051	-1.12988	0.0116019	0.604888	-1.6532	0.383173	1.15311	1.15311	0.000401818	0.407912	-2.45151	6.35537	2.55463	0.357302	1
cg14327951	0.000185983	0.545193	-1.83421	0.00128819	0.637026	-1.5698	0.0265757	1.28747	1.28747	0.0237512	1.29622	1.29622	15.6296	2.28742	0.13009	1
cg11227172	0.000823734	0.0737083	-13.567	0.751016	0.848113	-1.17909	0.765814	0.856771	-1.16717	0.933389	0.957661	-1.04421	9.94585	37.5002	3.77044	1
cg12476298	0.177128	0.7442	-1.34372	0.00227201	0.41508	-2.40918	0.319746	0.80916	-1.23585	0.0497982	0.630756	-1.5854	7.89747	5.30543	0.597146	1
cg09436232	0.23565	0.787386	-1.27003	0.00233335	0.441571	-2.26464	0.718278	1.07216	1.07216	0.179526	0.760182	-1.31547	6.14865	3.60228	0.520768	1
cg10436115	0.0384707	1.34178	1.34178	0.0751938	0.78434	-1.27496	0.00488299	0.632912	-1.58	0.200222	0.84713	-1.18046	4.43229	1.05525	0.211629	1
cg15060012	0.0737151	0.590294	-1.69407	0.1201	0.640283	-1.56181	0.823463	0.942631	-1.06086	0.801064	1.06904	1.06904	4.02364	4.45527	0.984243	1
cg18673377	0.196362	0.835373	-1.19707	0.00903174	0.645975	-1.54805	0.916702	0.986319	-1.01387	0.0392156	0.730403	-1.36911	4.0174	1.1031	0.244071	1
cg11788523	0.00976586	0.634649	-1.57567	0.290263	0.858368	-1.165	0.99998	0.999996	-1	0.148638	1.24056	1.24056	3.58563	1.09953	0.272577	1
cg26671652	0.00242766	0.439999	-2.27273	0.0370321	0.624408	-1.60152	0.683085	1.0831	1.0831	0.137041	1.36545	1.36545	3.55596	2.13013	0.532471	1
cg08134106	0.000154111	0.160849	-6.217	0.942386	1.02057	1.02057	0.0423131	1.93277	1.93277	0.444894	0.802974	-1.24537	7.93935	9.9824	1.11763	1
cg17275991	0.349596	0.897862	-1.11376	0.00150087	1.66856	1.66856	0.704998	1.04348	1.04348	0.526351	1.07448	1.07448	6.55219	1.29924	0.176259	1
cg17155115	0.0843633	0.381911	-2.61841	0.00137637	0.0963574	-10.378	0.216167	0.518824	-1.92744	0.0504794	0.325029	-3.07665	6.37205	25.6513	3.57831	1
cg22766230	0.161586	0.373477	-2.67754	0.00132376	0.0460878	-21.6977	0.331021	0.516415	-1.93643	0.0442844	0.218208	-4.58278	6.30341	43.3396	6.11163	1
cg26941891	0.0277107	0.653489	-1.53025	0.0281466	1.52781	1.52781	0.508904	1.11577	1.11577	0.0744299	0.722582	-1.38393	4.13929	1.75198	0.376227	1
cg00415822	0.985253	1.00248	1.00248	0.151708	0.813737	-1.2289	0.917883	0.986255	-1.01394	0.0722891	1.30889	1.30889	3.45199	0.984642	0.253545	1
cg09260640	?	?	?	?	?	?	0.0722829	2.53666	2.53666	0.0150433	4.22248	4.22248	5.9124	11.8033	1.99637	1
cg11538407	0.309863	0.82676	-1.20954	0.000644425	0.387564	-2.58022	0.998392	0.999635	-1.00036	0.334524	0.835119	-1.19743	20.3765	10.5766	0.461384	1
cg13525739	0.183985	1.34496	1.34496	0.275405	0.787731	-1.26947	0.902294	1.02616	1.02616	0.440518	0.847553	-1.17987	9.08262	6.36038	0.622471	1
cg26720598	0.334645	1.13425	1.13425	0.00257966	1.69706	1.69706	0.00795432	0.650006	-1.53845	0.0280325	0.719967	-1.38895	9.43925	2.39608	0.225637	1
cg10861017	0.259695	0.830572	-1.20399	0.0023675	0.512032	-1.953	0.504119	1.11297	1.11297	0.231911	1.21891	1.21891	4.94525	1.95245	0.350945	1
cg18029521	0.0900234	0.86574	-1.15508	0.880251	1.0117	1.0117	0.0674703	1.17126	1.17126	0.10393	0.871808	-1.14704	4.60999	0.434667	0.0838115	1
cg26968387	0.046819	1.4123	1.4123	0.00189522	0.512881	-1.94977	0.636162	0.930265	-1.07496	0.895875	1.02006	1.02006	3.5683	1.30034	0.323924	1
cg00535785	0.986284	0.996618	-1.00339	0.459337	1.16005	1.16005	0.284736	1.24479	1.24479	0.842607	0.961582	-1.03995	19.4114	11.9378	0.546657	1
cg07633317	0.106411	0.468389	-2.13498	0.00546306	0.207615	-4.81661	0.0415743	0.363925	-2.74782	0.0190169	0.294812	-3.392	9.74383	28.5594	2.60535	1
cg00508851	0.0568321	1.33932	1.33932	0.127608	0.799881	-1.25019	0.0752638	0.764559	-1.30794	0.00302599	0.57648	-1.73467	9.71856	2.82769	0.258629	1
cg04165933	0.239728	0.816281	-1.22507	0.258898	1.21438	1.21438	0.241859	0.8171	-1.22384	0.73433	1.05778	1.05778	9.64416	4.15307	0.382783	1
cg06146331	0.13165	0.656591	-1.52302	0.000198746	0.198786	-5.03054	0.838828	0.948717	-1.05406	0.272846	0.74452	-1.34315	9.35978	9.90575	0.940739	1
cg10520780	0.00337147	0.239598	-4.17366	0.000373347	0.130119	-7.68526	0.0294566	0.399002	-2.50626	0.0679191	0.480642	-2.08055	8.13776	16.5473	1.80746	1
cg16681157	0.183364	0.551329	-1.8138	0.00138535	0.141513	-7.0665	0.0218984	0.313491	-3.18989	0.280382	0.622953	-1.60526	7.48923	21.1022	2.50459	1
cg03621841	0.052418	0.33708	-2.96666	0.000827026	0.0835294	-11.9718	0.00773208	0.185118	-5.40195	0.0410286	0.312723	-3.19771	6.71488	25.8482	3.42169	1
cg08418279	0.0578235	0.358136	-2.79224	0.00583343	0.177583	-5.63116	0.0215147	0.2666	-3.75093	0.116547	0.442001	-2.26244	6.59033	23.9247	3.22691	1
cg01899542	0.202601	0.520082	-1.92277	0.00496924	0.164085	-6.0944	0.10325	0.420576	-2.37769	0.0113741	0.214413	-4.6639	6.58713	24.6417	3.32524	1
cg27525020	0.605047	1.21252	1.21252	0.537556	0.79407	-1.25933	0.00853654	3.45427	3.45427	0.00156034	5.36173	5.36173	5.90275	12.7551	1.92078	1
cg03087880	0.764747	1.09138	1.09138	0.00836999	0.374703	-2.66878	0.194225	1.49209	1.49209	0.205701	1.47548	1.47548	5.86377	7.88437	1.19519	1
cg01832586	0.0718903	0.474156	-2.10901	0.0246277	0.370111	-2.70189	0.00740327	0.27765	-3.60166	0.659449	0.848147	-1.17904	5.50887	12.0343	1.9418	1
cg07089942	0.790042	1.03627	1.03627	0.00172663	0.550556	-1.81635	0.765625	0.960877	-1.04072	0.0303187	0.711838	-1.40481	5.4201	1.5298	0.250885	1
cg27596890	0.155419	0.447085	-2.23671	0.00467794	0.136533	-7.32425	0.0327149	0.26628	-3.75544	0.0111759	0.185658	-5.38625	5.08086	22.5653	3.94776	1
cg00299737	0.134322	0.618769	-1.61611	0.00409393	3.14333	3.14333	0.289868	0.721365	-1.38626	0.417619	0.781708	-1.27925	4.94406	6.92169	1.24445	1
cg06263178	0.0328056	0.344826	-2.90001	0.0196199	0.300529	-3.32747	0.0236957	0.316168	-3.16288	0.0315161	0.34117	-2.93109	4.74843	13.673	2.55954	1
cg26684138	0.131512	0.636945	-1.56999	0.0114526	0.416205	-2.40266	0.231394	0.706251	-1.41593	0.687099	1.11872	1.11872	4.73528	5.7566	1.08061	1
cg26900686	0.110682	2.02826	2.02826	0.323042	0.66014	-1.51483	0.0435283	2.57122	2.57122	0.00761089	4.04024	4.04024	4.7186	12.3709	2.33044	1
cg26929700	0.129994	0.282434	-3.54065	0.0539817	0.184342	-5.4247	0.0632634	0.198944	-5.02655	0.0463803	0.171391	-5.83462	4.49296	42.5211	8.41239	1
cg14994452	0.180389	1.97739	1.97739	0.203571	1.90256	1.90256	0.255312	1.76686	1.76686	0.452548	1.44309	1.44309	4.07263	14.8172	3.23399	1
cg04086531	0.399028	0.538927	-1.85554	0.0458419	0.194205	-5.14919	0.10565	0.282082	-3.54507	0.140869	0.321741	-3.10809	3.85386	31.2883	7.21661	1
cg00448560	0.750801	0.912056	-1.09642	0.190759	0.670139	-1.49223	0.195091	0.673041	-1.48579	0.849246	0.946505	-1.05652	3.8183	5.04795	1.17515	1
cg08692277	0.0461197	0.399327	-2.50422	0.109441	0.496049	-2.01593	0.0211159	0.32826	-3.04636	0.0401002	0.385632	-2.59315	3.75459	9.59539	2.27168	1
cg01672042	0.347241	0.671679	-1.48881	0.586622	0.797914	-1.25327	0.0452225	0.388804	-2.57199	0.475277	0.741912	-1.34787	3.6831	9.86269	2.38028	1
cg26915318	0.503207	1.10095	1.10095	0.347801	1.14664	1.14664	0.239314	1.19057	1.19057	0.0658651	0.746663	-1.33929	3.56046	1.12993	0.282094	1
cg25009327	0.00856255	0.592747	-1.68706	0.19276	0.806586	-1.23979	0.612925	1.0828	1.0828	0.0140236	0.623136	-1.60479	15.3227	5.90058	0.3423	1
cg03945948	0.34579	0.846348	-1.18155	0.0151029	1.67032	1.67032	0.181215	1.2762	1.2762	0.917374	0.982329	-1.01799	12.4034	5.79908	0.415592	1
cg25135084	0.00453217	0.361064	-2.76959	0.547244	0.848687	-1.17829	0.923949	1.02605	1.02605	0.00119366	0.278237	-3.59406	10.2247	11.7493	1.02143	1
cg24392299	0.0384898	0.541555	-1.84653	0.0454342	1.79849	1.79849	0.616746	1.13777	1.13777	0.115088	0.645147	-1.55003	4.65542	4.8247	0.921212	1
cg15662616	0.368939	1.15643	1.15643	0.00119965	2.1115	2.1115	0.77515	0.955896	-1.04614	0.349019	1.16397	1.16397	3.63069	1.42636	0.34921	1
cg07519373	0.896739	1.01541	1.01541	0.00761643	1.49789	1.49789	0.49956	0.922466	-1.08405	0.00151939	0.584099	-1.71204	23.9654	5.26281	0.1952	1
cg25227274	0.840022	0.979593	-1.02083	0.667941	0.956933	-1.04501	0.0810076	1.21817	1.21817	0.177051	1.15762	1.15762	6.93595	1.14308	0.146493	1
cg12104707	0.202972	1.20368	1.20368	0.0198032	1.47419	1.47419	0.141443	1.24373	1.24373	0.00261223	1.77718	1.77718	4.8391	1.45826	0.267867	1
cg01450953	0.142315	1.21139	1.21139	0.0137012	0.690308	-1.44863	0.0928761	0.79868	-1.25207	0.350254	0.889675	-1.12401	4.60952	1.07919	0.208108	1
cg27390207	0.257627	0.895395	-1.11683	0.464199	0.932694	-1.07216	0.588408	1.05243	1.05243	0.0010433	1.57448	1.57448	5.48529	0.759975	0.123154	1
cg04549868	0.347932	1.08912	1.08912	0.00879078	0.744713	-1.3428	0.0262397	0.792225	-1.26227	0.220604	0.892469	-1.12049	5.0904	0.62915	0.109863	1
cg25922471	0.0887503	0.331095	-3.02028	0.00247223	0.083943	-11.9128	0.0416513	3.98558	3.98558	0.660834	0.771094	-1.29686	5.00474	27.4748	4.87979	1
cg10594105	?	?	?	0.47825	0.862219	-1.1598	0.274432	1.26343	1.26343	0.157942	1.36401	1.36401	4.56683	2.71833	0.595234	1
cg02950362	0.224056	0.730865	-1.36824	0.0482946	1.74008	1.74008	0.0153819	2.07521	2.07521	0.00742196	2.33152	2.33152	4.31234	4.1153	0.848274	1
cg09357157	0.000525662	0.249812	-4.00301	0.00608721	0.398774	-2.50768	0.0831089	0.611069	-1.63648	0.00673364	0.40577	-2.46445	6.18714	6.45791	0.92779	1
cg00453808	0.00166836	0.361622	-2.76532	0.0559295	0.612704	-1.63211	0.163292	1.40018	1.40018	0.27995	0.775627	-1.28928	3.69173	2.99218	0.720454	1
cg02587685	0.00562887	0.534988	-1.8692	0.0745129	0.710354	-1.40775	0.167413	1.28827	1.28827	0.0689539	0.704467	-1.41951	8.17346	3.83514	0.417083	1
cg14294115	8.20E-05	0.501255	-1.99499	0.246864	0.888863	-1.12503	0.00465302	0.693363	-1.44225	0.0183928	0.75707	-1.32088	13.5922	2.0378	0.133266	1
cg11423822	0.00859021	0.709471	-1.4095	0.0464355	1.26311	1.26311	0.126494	0.844277	-1.18445	0.217439	0.875574	-1.14211	8.55418	1.42066	0.147625	1
cg12003952	0.0539139	1.54347	1.54347	0.123705	1.39194	1.39194	0.667096	1.08962	1.08962	0.0258969	0.591803	-1.68975	8.37042	5.21541	0.553845	1
cg08489592	0.149972	0.663849	-1.50637	0.40892	0.799149	-1.25133	0.077985	1.68184	1.68184	0.127099	1.54961	1.54961	3.62718	4.0482	0.992066	1
cg19788600	0.012045	1.3118	1.3118	0.388446	0.92625	-1.07962	0.232664	0.8972	-1.11458	0.50145	0.94258	-1.06092	3.61563	0.430178	0.105758	1
cg08370080	0.212268	0.754836	-1.32479	0.877042	1.0337	1.0337	0.0360975	1.68504	1.68504	0.27732	0.785167	-1.27361	3.61412	2.62304	0.645134	1
cg24324871	0.00113109	1.63469	1.63469	0.616877	0.949573	-1.0531	0.0582511	1.24552	1.24552	0.760031	1.03193	1.03193	3.90368	0.650628	0.148151	1
cg23691946	0.00858917	0.505651	-1.97765	0.94856	0.98696	-1.01321	0.0905551	1.46137	1.46137	0.207522	0.763085	-1.31047	7.02516	4.60486	0.58265	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15554284	ZNF430	0.0254934	0.122884	1.11843	1.11843	0.0733601	1.14304	1.14304	0.454222	1.05237	1.05237	0.00856512	1.25178	1.25178	0.129135	1.11605	1.11605
cg13919192	ZNF431	0.000720918	0.0245261	0.386783	-2.58543	0.000694068	0.159572	-6.26675	0.0435256	0.43909	-2.27744	0.0163388	2.83186	2.83186	0.111438	0.54076	-1.84925
cg27527479	ZNF431	0.00160741	0.280944	0.920884	-1.08591	0.0352839	0.83501	-1.19759	0.0131823	0.797706	-1.25359	0.361688	0.933366	-1.07139	0.0662223	1.16362	1.16362
cg11555228	ZNF431	0.0118059	0.858945	1.02458	1.02458	0.679532	0.944875	-1.05834	0.484629	0.907608	-1.1018	0.513134	0.913447	-1.09475	0.0138786	0.660366	-1.51431
cg26627780	ZNF431	0.013962	0.735066	0.961465	-1.04008	0.852904	0.978754	-1.02171	0.00515389	1.53326	1.53326	0.00121659	0.578212	-1.72947	0.966473	1.00487	1.00487
cg18461458	ZNF431	0.0415953	0.0853753	0.647624	-1.54411	0.537148	0.866969	-1.15344	0.803508	0.944641	-1.0586	0.565957	0.875856	-1.14174	0.0328194	0.565319	-1.76891
cg02729352	ZNF432	0.0202866	0.00363846	0.640154	-1.56213	0.580835	1.06527	1.06527	0.0924944	1.23358	1.23358	0.336112	0.893641	-1.11902	0.415566	0.909966	-1.09894
cg14944575	ZNF432	0.0261326	0.00912975	0.310501	-3.22061	0.746818	1.12119	1.12119	0.232677	1.55579	1.55579	0.00826059	0.303361	-3.2964	0.018483	0.364561	-2.74303
cg20706005	ZNF432	0.0287574	0.705691	0.924984	-1.0811	0.00230364	0.416685	-2.39989	0.706098	0.92509	-1.08098	0.639331	1.10187	1.10187	0.794351	0.947725	-1.05516
cg27344791	ZNF433	0.00141815	0.0184771	1.94162	1.94162	0.476324	1.18314	1.18314	3.45E-05	6.42674	6.42674	0.0111602	2.09296	2.09296	0.103493	1.51207	1.51207
cg18566819	ZNF433	0.00181829	0.0467829	0.776364	-1.28806	0.275378	0.88145	-1.13449	0.061854	0.791485	-1.26345	0.116627	1.20875	1.20875	0.140533	0.838366	-1.1928
cg23363818	ZNF433	0.00249488	0.00766282	0.547072	-1.82791	0.361945	1.17929	1.17929	0.965606	1.00762	1.00762	0.0591553	1.45494	1.45494	9.87E-05	0.296169	-3.37645
cg18791365	ZNF433	0.00309846	0.00536979	0.64874	-1.54145	0.0475069	0.765239	-1.30678	0.00043279	1.9289	1.9289	0.869848	1.01954	1.01954	0.0305699	0.740867	-1.34977
cg09908601	ZNF433	0.0235548	0.156534	0.601634	-1.66214	0.0600378	0.491034	-2.03652	0.000595014	0.169105	-5.91349	0.529529	0.807716	-1.23806	0.293333	1.44119	1.44119
cg15787284	ZNF433	0.0430525	0.657272	0.949858	-1.05279	0.538092	0.930699	-1.07446	0.326557	1.12377	1.12377	0.0233853	0.731933	-1.36625	0.0621842	1.27364	1.27364
cg14665716	ZNF433;ZNF433	0.0296851	0.526588	1.29929	1.29929	0.617704	1.22793	1.22793	0.787742	0.895725	-1.11641	0.305361	0.648492	-1.54204	0.904655	1.05011	1.05011
cg26483037	ZNF434	0.0319541	0.295681	0.69868	-1.43127	0.00331676	0.266522	-3.75203	0.914518	1.03614	1.03614	0.134624	1.70467	1.70467	0.0254596	0.415599	-2.40616
cg14644557	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.000107768	0.00123291	0.369196	-2.70859	0.0252269	0.570489	-1.75288	2.80E-05	0.175695	-5.69169	0.0535877	0.629828	-1.58774	0.000560687	0.323589	-3.09034
cg08976342	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.000638308	0.548977	0.917994	-1.08933	0.71202	0.949028	-1.05371	0.0204606	0.67429	-1.48304	0.00362101	1.74297	1.74297	8.43E-05	0.36875	-2.71186
cg03754250	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.00274619	0.87799	0.969338	-1.03163	0.000180219	3.61507	3.61507	0.00298445	2.28368	2.28368	0.13376	0.720483	-1.38796	0.838491	1.04224	1.04224
cg18424064	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0225303	0.000506007	0.166973	-5.98898	0.285209	1.44136	1.44136	0.945581	0.977768	-1.02274	0.905524	0.96165	-1.03988	0.266982	0.683255	-1.46358
cg05888120	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0272392	0.511275	1.13059	1.13059	0.867298	1.03129	1.03129	0.00139658	0.426152	-2.34658	0.786208	1.05136	1.05136	0.355787	1.19124	1.19124
cg20672890	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.00045301	0.000281056	0.313769	-3.18706	0.000957799	0.382774	-2.61251	0.00376405	0.466135	-2.1453	0.239169	0.786152	-1.27202	0.000194621	0.29417	-3.3994
cg27383537	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.00190292	0.00842046	0.504992	-1.98023	0.000780005	0.356345	-2.80627	0.00206532	0.414398	-2.41314	0.816535	0.953911	-1.04832	0.0003833	0.316327	-3.16129
cg08764162	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0206868	0.0186898	0.179271	-5.57814	0.0131892	0.156759	-6.37923	0.27804	0.506493	-1.97436	0.133191	0.376464	-2.65629	0.00373838	0.0943155	-10.6027
cg10575075	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0276742	0.0889919	0.558334	-1.79104	0.900053	1.03981	1.03981	0.415135	0.771979	-1.29537	0.0289178	0.449201	-2.22617	0.0119142	0.37716	-2.6514
cg16746026	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0384552	0.0071482	0.576757	-1.73383	0.164639	0.790659	-1.26477	0.859255	1.02852	1.02852	0.0596445	0.714086	-1.40039	0.249145	0.826266	-1.21026
cg15312497	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0478772	0.412447	0.820881	-1.2182	0.395271	0.81459	-1.22761	0.240524	0.748689	-1.33567	0.908518	1.02745	1.02745	0.00207227	0.360095	-2.77704
cg18488462	ZNF439	0.0263054	0.0292559	0.341766	-2.92598	0.0166456	0.294595	-3.39449	0.0687927	0.426838	-2.34281	0.0800739	0.44409	-2.2518	0.00265175	0.175868	-5.6861
cg08582038	ZNF440	0.000661856	0.0266527	0.883732	-1.13156	0.000471056	0.77218	-1.29503	0.012091	1.15862	1.15862	0.0733948	1.09849	1.09849	0.0291034	1.12864	1.12864
cg17936725	ZNF440	0.00909116	0.00757654	0.440908	-2.26805	0.11873	0.667811	-1.49743	0.319259	0.782395	-1.27813	0.55495	1.153	1.153	0.0583858	0.600551	-1.66514
cg19546943	ZNF440	0.0335867	0.0222294	1.55651	1.55651	0.139305	1.29286	1.29286	0.293122	1.19251	1.19251	0.200012	1.24427	1.24427	0.0136863	1.63593	1.63593
cg12560154	ZNF440;ZNF440	0.0286818	0.621207	1.07336	1.07336	0.0029074	1.78898	1.78898	0.0076323	1.62827	1.62827	0.576666	0.922967	-1.08346	0.349824	0.872156	-1.14658
cg14933365	ZNF441	0.0020099	0.377776	0.968699	-1.03231	0.00461524	1.14163	1.14163	0.218291	0.955515	-1.04656	0.424584	1.02907	1.02907	0.000296771	0.813026	-1.22997
cg06617886	ZNF441	0.00302282	0.101966	1.24903	1.24903	0.00634708	0.643143	-1.55487	0.048656	0.755969	-1.32281	0.33891	1.13027	1.13027	0.0250619	1.3925	1.3925
cg09791665	ZNF441	0.0122581	0.715166	1.05883	1.05883	0.00763201	0.585676	-1.70743	0.153427	0.787877	-1.26923	0.976735	1.00456	1.00456	0.792986	1.04188	1.04188
cg15573359	ZNF441	0.0184646	0.841944	1.02391	1.02391	0.995863	1.00061	1.00061	0.0428772	1.31767	1.31767	0.0752319	0.790979	-1.26426	0.740507	1.04013	1.04013
cg01421963	ZNF441	0.0250641	0.869396	0.96966	-1.03129	0.610438	1.10097	1.10097	0.27202	1.23871	1.23871	0.302609	0.81879	-1.22131	0.0567391	0.667809	-1.49744
cg03405173	ZNF441	0.027063	0.385387	1.09825	1.09825	0.397368	0.912777	-1.09556	0.428832	0.918457	-1.08878	0.329682	1.11175	1.11175	0.0039296	1.50481	1.50481
cg04178852	ZNF442	0.000788844	0.324785	0.85276	-1.17266	0.837113	0.968269	-1.03277	0.0265981	1.50931	1.50931	0.321857	1.17387	1.17387	0.0800122	0.737671	-1.35562
cg25616607	ZNF442	0.00115898	0.382532	0.729978	-1.36991	0.00735869	0.296999	-3.36702	0.207949	0.627114	-1.59461	0.52541	0.79759	-1.25378	0.000871032	0.172844	-5.78558
cg25591573	ZNF442	0.00478126	0.804415	0.973343	-1.02739	0.0644169	1.25388	1.25388	0.470374	1.08325	1.08325	0.919647	0.989072	-1.01105	0.109004	0.82669	-1.20964
cg25741953	ZNF442	0.00707981	0.561664	1.10216	1.10216	0.178368	0.788965	-1.26748	0.00418538	1.88894	1.88894	0.748746	1.05471	1.05471	0.906956	1.01957	1.01957
cg15191744	ZNF442	0.0100201	0.734456	0.946618	-1.05639	0.00490842	1.82317	1.82317	0.249505	1.21401	1.21401	0.000560233	2.36817	2.36817	0.0932373	1.34652	1.34652
cg08847636	ZNF442	0.0354473	0.731798	0.946951	-1.05602	0.0628849	1.39312	1.39312	0.0615492	1.39607	1.39607	0.91526	0.983278	-1.01701	0.595618	1.08857	1.08857
cg10591825	ZNF443	0.0236905	0.415284	0.843903	-1.18497	0.823349	0.95545	-1.04663	0.400087	1.19192	1.19192	0.619859	0.9031	-1.1073	0.59005	1.11724	1.11724
cg27154394	ZNF444	3.84E-05	0.00865418	0.719441	-1.38997	0.422876	1.08387	1.08387	0.0191691	1.32159	1.32159	0.0658081	1.22519	1.22519	0.16315	0.863775	-1.15771
cg23209459	ZNF444	0.000394538	0.000202522	0.25209	-3.96684	0.00134678	2.80026	2.80026	0.0258893	1.79463	1.79463	0.599058	0.889319	-1.12446	0.249237	0.766237	-1.30508
cg26708638	ZNF444	0.00267394	0.000316095	0.0545912	-18.318	0.715909	0.880352	-1.13591	0.00695246	0.232463	-4.30175	?	?	?	0.776112	0.905469	-1.1044
cg20099147	ZNF444	0.00875457	0.844458	0.971562	-1.02927	0.19247	1.22459	1.22459	0.0351662	0.697404	-1.43389	0.00342067	0.557569	-1.7935	0.048705	1.39189	1.39189
cg13078926	ZNF444	0.0171139	0.26196	0.690742	-1.44772	0.38347	1.32667	1.32667	0.00560406	0.316504	-3.15951	0.729688	0.896087	-1.11596	0.166736	0.627308	-1.59411
cg19304108	ZNF444	0.0311846	0.77259	0.926166	-1.07972	0.0160966	0.458591	-2.18059	0.0797099	0.597626	-1.67329	0.015145	0.453892	-2.20316	0.276347	0.741023	-1.34948
cg23076906	ZNF444;ZNF444	0.0290002	0.083647	0.496311	-2.01487	0.0508568	2.25681	2.25681	0.0186528	2.83875	2.83875	0.0134787	0.326537	-3.06244	0.535397	1.25817	1.25817
cg03146073	ZNF445	0.00149599	0.0798238	1.20976	1.20976	0.00212007	1.52678	1.52678	0.0631108	1.22725	1.22725	0.448173	0.927074	-1.07866	0.0188359	0.756747	-1.32145
cg06667178	ZNF445	0.0195499	0.0610025	0.379796	-2.63299	0.0149462	0.253584	-3.94346	0.0682714	0.392194	-2.54976	0.026284	0.298686	-3.348	0.00687126	0.200945	-4.97647
cg20930802	ZNF445	0.0196215	0.0744758	0.745922	-1.34062	0.0165026	1.54049	1.54049	0.00338908	1.79978	1.79978	0.321006	1.16328	1.16328	0.622176	1.07602	1.07602
cg17219326	ZNF445	0.032434	0.00787652	0.202248	-4.94444	0.0277077	0.295206	-3.38746	0.0679761	0.383532	-2.60735	0.388398	0.660715	-1.51351	0.014453	0.243409	-4.10832
cg00698602	ZNF445	0.0364526	0.0144197	0.426469	-2.34483	0.733287	1.10149	1.10149	0.010263	0.400789	-2.49508	0.327481	0.751509	-1.33066	0.118334	0.619275	-1.61479
cg09542690	ZNF445	0.0463746	0.380186	1.09386	1.09386	0.0180208	0.750987	-1.33158	0.0407369	0.790227	-1.26546	0.287731	1.11629	1.11629	0.209771	0.876571	-1.14081
cg14870493	ZNF446	0.000432565	0.0872427	0.648288	-1.54252	0.894128	1.03104	1.03104	0.0113737	0.483223	-2.06944	0.0434194	0.586754	-1.70429	0.000979667	0.324567	-3.08103
cg04824595	ZNF446	0.000821358	0.1057	1.19875	1.19875	0.279767	1.12216	1.12216	0.156663	0.856075	-1.16812	0.0900831	0.825624	-1.21121	0.463904	0.926383	-1.07947
cg18786995	ZNF446	0.00159856	0.194554	0.85811	-1.16535	0.00571879	1.49786	1.49786	0.497643	0.926095	-1.0798	0.00112325	0.58578	-1.70713	0.00831667	0.686505	-1.45665
cg24465855	ZNF446	0.0106439	0.00477292	0.245519	-4.07301	0.60526	1.21586	1.21586	0.66057	0.847344	-1.18016	0.941686	1.0278	1.0278	0.000588152	0.136602	-7.32055
cg02891574	ZNF446	0.0230046	0.495308	0.812842	-1.23025	0.0214479	2.28639	2.28639	0.0426006	2.01107	2.01107	0.00538466	2.99396	2.99396	0.0344939	0.478095	-2.09163
cg27322675	ZNF446	0.0432973	0.323853	0.756504	-1.32187	0.314151	0.751955	-1.32987	0.0479388	0.538342	-1.85756	0.50973	1.20099	1.20099	0.00497196	0.36119	-2.76863
cg09259062	ZNF446	0.0456681	0.126241	0.815847	-1.22572	0.352235	1.12499	1.12499	0.195608	1.18339	1.18339	0.148604	0.826456	-1.20999	0.830446	0.973963	-1.02673
cg24362016	ZNF44;ZNF44	0.00036244	0.0150899	0.465283	-2.14923	0.00980805	0.433249	-2.30814	0.0737829	0.600128	-1.66631	0.0129944	2.2027	2.2027	0.000576727	0.25547	-3.91435
cg26560367	ZNF44;ZNF44	0.000706531	0.0262836	0.629496	-1.58857	0.00916244	1.78816	1.78816	0.721695	1.06483	1.06483	0.00122464	2.29472	2.29472	0.000360426	0.366113	-2.7314
cg25771390	ZNF44;ZNF44	0.00248664	0.191269	1.31712	1.31712	0.303005	0.809225	-1.23575	0.0164224	0.550157	-1.81766	0.0319226	1.66318	1.66318	0.00148299	0.382417	-2.61495
cg18342196	ZNF44;ZNF44	0.00955672	0.901969	0.981636	-1.01871	0.0205358	0.657209	-1.52159	0.104661	0.765851	-1.30574	0.00587909	1.71978	1.71978	0.204517	0.817597	-1.2231
cg27506810	ZNF44;ZNF44	0.0104159	0.129073	2.00303	2.00303	0.881811	0.938933	-1.06504	0.4236	0.707404	-1.41362	0.117763	2.05335	2.05335	0.013755	0.275269	-3.63281
cg00588756	ZNF44;ZNF44	0.0348762	0.647761	0.935236	-1.06925	0.00395183	1.75816	1.75816	0.175964	1.23299	1.23299	0.621318	1.07517	1.07517	0.0378528	0.704338	-1.41977
cg00733682	ZNF44;ZNF44;ZNF44;ZNF44	0.0488854	0.0206198	0.481902	-2.07511	0.872514	1.04294	1.04294	0.314882	0.761766	-1.31274	0.65336	0.888372	-1.12565	0.495487	1.19867	1.19867
cg14251936	ZNF45	0.000106337	0.241569	0.875897	-1.14169	0.0504238	0.783228	-1.27677	0.000514853	0.534258	-1.87176	0.00467409	0.65516	-1.52634	2.59E-06	0.241756	-4.13641
cg14010039	ZNF45	0.0016887	0.00287298	0.348091	-2.87281	0.00272705	0.344776	-2.90043	0.0870033	0.614859	-1.62639	0.0442414	0.551711	-1.81254	8.56E-05	0.162743	-6.14464
cg10581497	ZNF45	0.0024816	0.729657	1.08071	1.08071	0.00146636	0.357875	-2.79427	0.0198594	0.533081	-1.87589	0.0124264	2.00581	2.00581	0.00156478	0.361802	-2.76394
cg00410831	ZNF45	0.00823664	0.588474	0.852796	-1.17261	0.00652871	0.35693	-2.80167	0.0139906	0.412856	-2.42215	0.146647	1.5748	1.5748	0.0314671	0.479288	-2.08643
cg17764446	ZNF45	0.0105751	0.0224344	0.257161	-3.88861	0.00489951	0.157014	-6.36888	0.0132094	0.217552	-4.59661	0.244353	0.546197	-1.83084	0.00846016	0.188363	-5.30891
cg09268545	ZNF45	0.0158016	0.457546	0.799824	-1.25028	0.00549465	0.340347	-2.93818	0.0581021	0.531335	-1.88205	0.37486	1.30855	1.30855	0.0020936	0.278567	-3.5898
cg02587156	ZNF45	0.0258036	0.103014	0.467227	-2.14029	0.442131	0.715796	-1.39705	0.00206167	0.15698	-6.37022	0.131389	0.499143	-2.00343	0.724466	0.859854	-1.16299
cg15069247	ZNF451;ZNF451	0.00132344	0.00798558	0.306265	-3.26515	0.687924	0.868899	-1.15088	0.851931	1.06719	1.06719	0.445001	1.31124	1.31124	0.0267528	2.4927	2.4927
cg26891999	ZNF451;ZNF451	0.001445	0.142282	1.16879	1.16879	0.000137848	0.521178	-1.91873	0.00246273	0.659431	-1.51646	0.00468712	1.45014	1.45014	0.515878	0.936937	-1.06731
cg23358589	ZNF451;ZNF451	0.0032394	0.000554074	0.397675	-2.51461	0.918046	0.982448	-1.01787	0.564209	0.904572	-1.10549	0.0150943	0.598227	-1.67161	0.017221	0.606939	-1.64761
cg00289053	ZNF451;ZNF451	0.0094828	0.0572896	0.495743	-2.01718	0.677225	0.872331	-1.14635	0.47713	0.789892	-1.266	0.887093	1.04745	1.04745	0.00415823	0.285539	-3.50215
cg03632754	ZNF451;ZNF451	0.00958153	0.188032	0.757771	-1.31966	0.0570252	0.651695	-1.53446	0.0072946	0.502583	-1.98972	0.393679	1.18973	1.18973	0.0462204	1.57478	1.57478
cg23371123	ZNF451;ZNF451	0.0113819	0.731679	1.1452	1.1452	0.392939	1.41159	1.41159	0.131563	1.89878	1.89878	0.371125	0.696467	-1.43582	0.283955	1.55032	1.55032
cg04703800	ZNF451;ZNF451	0.0188465	0.0122272	0.236752	-4.22383	0.0144155	0.248613	-4.02232	0.120715	0.459902	-2.17438	0.185213	0.522844	-1.91262	0.00698066	0.199785	-5.00539
cg10172319	ZNF451;ZNF451	0.0200108	0.518339	0.876567	-1.14081	0.00157519	0.401228	-2.49235	0.110906	0.70509	-1.41826	0.200888	0.762023	-1.3123	0.110647	1.41868	1.41868
cg08516181	ZNF451;ZNF451	0.0205721	0.472088	0.805545	-1.2414	0.222262	1.46113	1.46113	0.909084	1.03435	1.03435	0.072919	1.80648	1.80648	0.00343598	3.23787	3.23787
cg02485479	ZNF451;ZNF451	0.0367658	0.00410415	0.301477	-3.317	0.628699	0.85921	-1.16386	0.202542	1.5204	1.5204	0.689922	1.13302	1.13302	0.0160821	0.399578	-2.50264
cg02031359	ZNF454	0.00034767	0.00236905	0.407589	-2.45345	0.275507	0.786483	-1.27148	0.604463	0.895264	-1.11699	0.00938049	0.497872	-2.00855	0.115825	1.43604	1.43604
cg18358845	ZNF454	0.00068863	0.386756	0.790422	-1.26515	0.696918	0.901445	-1.10933	0.0847366	0.603273	-1.65762	0.110601	0.63073	-1.58546	5.73E-06	0.0666755	-14.998
cg24843380	ZNF454	0.00274603	0.739346	0.929365	-1.076	0.36532	1.22637	1.22637	0.124509	0.694289	-1.44032	0.00212039	0.387654	-2.57962	0.000486407	0.301346	-3.31844
cg16536329	ZNF454	0.0103823	0.886944	1.02629	1.02629	0.0347997	1.56644	1.56644	0.000315181	2.90066	2.90066	0.343357	1.19491	1.19491	0.210603	1.27207	1.27207
cg02165355	ZNF454	0.0363458	0.905587	1.01822	1.01822	0.0359056	1.4497	1.4497	0.00169677	1.97819	1.97819	0.614402	0.925622	-1.08035	0.955677	1.00849	1.00849
cg10902717	ZNF454	0.0396442	0.545839	0.842824	-1.18649	0.292314	1.35748	1.35748	0.00263001	3.20519	3.20519	0.781071	0.925023	-1.08105	0.636074	1.14264	1.14264
cg22293286	ZNF45;ZNF45	0.00182681	0.000251456	0.151903	-6.58316	0.0614538	0.518046	-1.93033	0.10407	0.574217	-1.7415	0.0447866	0.487223	-2.05245	0.000190439	0.140428	-7.12109
cg26633994	ZNF460	0.000318684	0.0573131	1.30053	1.30053	0.00510645	1.57174	1.57174	0.00124594	1.77958	1.77958	0.207994	1.17613	1.17613	0.00904335	1.50002	1.50002
cg16518291	ZNF460	0.0058317	7.31E-05	0.363433	-2.75154	0.333167	1.15034	1.15034	0.685397	0.94446	-1.05881	0.828527	1.0309	1.0309	0.365436	0.877682	-1.13936
cg12952012	ZNF460	0.00771324	0.267505	0.930195	-1.07504	0.130779	0.902312	-1.10826	0.54638	1.03881	1.03881	0.839276	0.987435	-1.01273	0.530907	1.04039	1.04039
cg24018232	ZNF460	0.0122672	0.30789	1.20765	1.20765	0.0717058	1.43258	1.43258	0.0669026	1.44368	1.44368	0.445287	0.870143	-1.14924	0.121207	0.740532	-1.35038
cg04421424	ZNF460	0.0296564	0.217854	0.883898	-1.13135	0.207915	1.13475	1.13475	0.163453	1.15211	1.15211	0.338111	0.910272	-1.09857	0.0492826	1.23818	1.23818
cg17412580	ZNF460	0.04285	0.905327	0.985055	-1.01517	0.307077	0.874756	-1.14318	0.890469	1.01759	1.01759	0.861676	0.978171	-1.02232	0.202797	1.18549	1.18549
cg25549230	ZNF460;ZNF460	0.00582498	0.0989897	1.39459	1.39459	0.00892297	1.84365	1.84365	0.00696948	0.526324	-1.89997	0.557839	0.896743	-1.11515	0.020534	1.67057	1.67057
cg08389666	ZNF461	0.000219944	0.124876	1.36631	1.36631	0.501791	0.879787	-1.13664	0.44003	1.15945	1.15945	0.0534186	1.51013	1.51013	0.105087	1.39476	1.39476
cg11419456	ZNF461	0.00164867	0.98603	0.99379	-1.00625	7.38E-05	0.0585252	-17.0867	0.0462197	2.29365	2.29365	0.00492744	0.249764	-4.00378	0.0547795	0.453621	-2.20448
cg07801516	ZNF461	0.0469332	0.243639	0.910097	-1.09878	0.741377	0.97475	-1.0259	0.164729	0.891851	-1.12126	0.0750404	0.858054	-1.16543	0.0105414	0.779988	-1.28207
cg00100800	ZNF462	0.00922796	0.366622	0.897982	-1.11361	0.0561087	0.778022	-1.28531	0.0815932	0.79937	-1.25099	0.00203785	0.6038	-1.65618	0.914451	1.01255	1.01255
cg13738615	ZNF462	0.0291323	0.0537923	1.79469	1.79469	0.00818006	2.46911	2.46911	0.229594	1.40032	1.40032	0.574277	1.16369	1.16369	0.311281	1.32286	1.32286
cg13496359	ZNF462;MIR548Q	0.0310289	0.114223	1.23838	1.23838	0.00949395	0.664362	-1.5052	0.0245366	0.716534	-1.39561	0.405731	0.899557	-1.11166	0.00826364	0.656859	-1.5224
cg13595195	ZNF462;MIR548Q	0.0437664	0.017126	1.85628	1.85628	0.505371	0.865995	-1.15474	0.0167985	0.537307	-1.86113	0.0458106	1.62803	1.62803	0.888534	0.970587	-1.0303
cg18989174	ZNF467	0	0	0.165434	-6.0447	0	4.6252	4.6252	0	12.3164	12.3164	?	?	?	?	?	?
cg00420532	ZNF467	8.91E-05	0.000641256	0.570858	-1.75175	0.365963	0.905402	-1.10448	1.68E-05	0.388229	-2.5758	0.185841	0.860638	-1.16193	0.000967221	0.591225	-1.6914
cg26935219	ZNF467	0.000412152	0.549516	0.850757	-1.17542	0.0012869	0.285848	-3.49836	0.00091921	0.266662	-3.75006	0.393107	0.791759	-1.26301	0.00305058	0.338528	-2.95397
cg27462418	ZNF467	0.00558366	0.172647	1.50883	1.50883	0.0826944	1.72399	1.72399	0.041933	1.94332	1.94332	0.439089	0.799593	-1.25064	0.183513	0.670374	-1.4917
cg05343480	ZNF467	0.00590587	0.861578	1.08702	1.08702	0.011585	4.52251	4.52251	0.77497	0.871941	-1.14687	0.901594	0.942575	-1.06092	0.00480246	5.98394	5.98394
cg13131455	ZNF467	0.00826812	0.782279	1.06547	1.06547	0.0282125	1.80963	1.80963	0.810861	0.9466	-1.05641	0.644174	0.89901	-1.11233	0.556608	0.872753	-1.1458
cg10819771	ZNF467	0.0111035	0.648066	1.06007	1.06007	0.090747	1.26685	1.26685	0.254453	1.16305	1.16305	0.489497	1.0932	1.0932	0.885709	1.01842	1.01842
cg00280799	ZNF467	0.0240895	0.49939	0.69289	-1.44323	0.333489	0.586389	-1.70535	0.0268938	0.245978	-4.0654	0.00946682	0.172157	-5.80866	0.0237136	0.235807	-4.24076
cg09646197	ZNF467	0.0377336	0.603623	1.64651	1.64651	0.00828978	24.8622	24.8622	0.50851	0.528062	-1.89372	0.637306	0.636283	-1.57163	0.0424742	9.2465	9.2465
cg20089180	ZNF468;ZNF468	0.0222661	0.266132	0.787628	-1.26963	0.0137827	1.87246	1.87246	0.865897	1.03544	1.03544	0.539622	1.13649	1.13649	0.856524	0.963399	-1.03799
cg09481927	ZNF469	3.68E-06	0.00401582	2.12059	2.12059	9.08E-06	6.47418	6.47418	0.000912975	2.62232	2.62232	0.476057	0.868555	-1.15134	5.32E-07	0.0663918	-15.0621
cg00856775	ZNF469	5.58E-05	6.11E-05	2.32581	2.32581	0.119734	0.82481	-1.2124	0.00907636	0.685034	-1.45978	0.00038809	1.90706	1.90706	0.0187007	0.722422	-1.38423
cg02194300	ZNF469	8.50E-05	0.967364	1.00668	1.00668	0.235275	0.816766	-1.22434	0.0216637	0.63853	-1.5661	0.409242	0.871684	-1.1472	9.96E-06	0.213591	-4.68185
cg00808918	ZNF469	0.000809056	0.20658	0.821795	-1.21685	0.0290346	1.46099	1.46099	0.0345435	1.43785	1.43785	0.000104716	0.364198	-2.74576	0.000241176	0.408631	-2.4472
cg03314029	ZNF469	0.00228202	0.0373831	3.52237	3.52237	0.0295034	3.80386	3.80386	0.780824	1.15649	1.15649	0.33581	1.6775	1.6775	0.0180541	4.4685	4.4685
cg07215504	ZNF469	0.00364758	0.0279156	4.5149	4.5149	0.0448283	3.80474	3.80474	0.314433	1.82877	1.82877	0.162996	2.37281	2.37281	0.0169781	5.4154	5.4154
cg27465746	ZNF469	0.0101204	0.367662	0.814849	-1.22722	0.000261042	0.264897	-3.77506	0.302128	0.789361	-1.26685	0.436106	0.838787	-1.1922	0.0105106	0.490464	-2.03888
cg07439859	ZNF469	0.0131195	0.4389	0.551926	-1.81184	0.736008	1.29012	1.29012	0.221701	0.380248	-2.62986	0.311435	2.19976	2.19976	0.00281209	0.0451152	-22.1655
cg07816095	ZNF469	0.0144424	0.00217033	0.265696	-3.7637	0.0363547	0.472605	-2.11593	0.0106836	0.37212	-2.68731	0.123872	1.67086	1.67086	0.20233	0.660567	-1.51385
cg03035213	ZNF469	0.0151106	0.0489317	7.35553	7.35553	0.0314909	9.38079	9.38079	0.112637	4.63051	4.63051	0.133679	4.20209	4.20209	0.0228363	11.2148	11.2148

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15554284	0.231488	0.9194	-1.08767	0.157795	0.903818	-1.10642	0.0207575	0.829938	-1.20491	0.247466	1.08433	1.08433	4.32768	0.3073	0.0631181	1
cg13919192	0.0863883	0.51083	-1.9576	4.65E-05	0.0655161	-15.2634	0.821249	0.922892	-1.08355	0.00728851	0.293144	-3.41129	12.904	25.6955	1.77003	1
cg27527479	0.14563	0.891447	-1.12177	0.208325	1.10248	1.10248	0.000637672	1.47066	1.47066	0.000784118	1.45276	1.45276	10.2727	0.880044	0.0761494	1
cg11555228	0.00229736	0.558965	-1.78902	0.24092	1.18244	1.18244	0.00794027	1.59141	1.59141	0.240368	1.18269	1.18269	5.60305	1.65343	0.262307	1
cg26627780	0.680961	0.953293	-1.049	0.723939	1.04188	1.04188	0.683629	0.953701	-1.04855	0.0829543	1.24872	1.24872	5.30463	1.12467	0.188459	1
cg18461458	0.155637	0.706761	-1.41491	0.00214547	0.373509	-2.67731	0.90873	1.02654	1.02654	0.196761	1.36584	1.36584	3.63033	3.00048	0.734671	1
cg02729352	0.014174	0.709539	-1.40937	0.0112465	0.697637	-1.43341	0.321493	0.890363	-1.12314	0.679027	1.04831	1.04831	4.68186	0.953181	0.180969	1
cg14944575	0.809245	1.08916	1.08916	0.727149	0.883637	-1.13169	0.179272	1.655	1.655	0.208815	0.62632	-1.59663	4.29044	8.47473	1.75579	1
cg20706005	0.024644	1.73321	1.73321	0.353575	1.21674	1.21674	0.687491	1.08666	1.08666	0.0552667	1.56298	1.56298	4.14853	2.77553	0.594702	1
cg27344791	0.0494199	1.68317	1.68317	0.145749	0.695813	-1.43717	0.186217	0.722225	-1.38461	0.627313	1.12031	1.12031	10.65	9.09477	0.75908	1
cg18566819	0.161172	0.846699	-1.18106	3.40E-05	0.409586	-2.44149	0.550162	0.934982	-1.06954	0.125111	1.20274	1.20274	9.91266	1.94135	0.174085	1
cg23363818	0.0276214	0.63233	-1.58145	0.407483	1.16081	1.16081	0.682882	1.07496	1.07496	0.251744	0.810002	-1.23457	9.03749	4.43308	0.436019	1
cg18791365	0.0876177	1.24927	1.24927	0.049801	0.767889	-1.30227	0.395708	0.902427	-1.10812	0.972373	1.0041	1.0041	8.47641	1.8704	0.196142	1
cg09908601	0.879693	1.05209	1.05209	0.608865	0.841113	-1.1889	0.819763	0.926339	-1.07952	0.395602	1.33868	1.33868	4.44811	7.91869	1.58243	1
cg15787284	0.0313347	1.33772	1.33772	0.397496	0.905012	-1.10496	0.0525628	0.775759	-1.28906	0.189834	1.17349	1.17349	3.58422	0.753404	0.186844	1
cg14665716	0.000463256	0.105634	-9.46662	0.499795	0.756146	-1.3225	0.538323	1.28948	1.28948	0.797765	0.900522	-1.11047	4.10217	10.8183	2.3442	1
cg26483037	0.13352	1.70765	1.70765	0.255558	1.48062	1.48062	0.829908	1.07372	1.07372	0.995088	0.997967	-1.00204	3.99593	6.91921	1.53917	1
cg14644557	0.000197442	0.267314	-3.74092	2.68E-05	0.173941	-5.74909	0.22723	1.30651	1.30651	0.00371888	0.437575	-2.28532	21.7016	15.2882	0.626198	1
cg08976342	0.797849	1.03688	1.03688	0.000509924	0.464898	-2.15101	0.140772	1.25051	1.25051	0.057135	0.738095	-1.35484	13.3512	4.21	0.280291	1
cg03754250	0.20558	1.31089	1.31089	0.0482255	0.632783	-1.58032	0.199393	0.759682	-1.31634	0.156457	1.35973	1.35973	8.78525	5.71765	0.57851	1
cg18424064	0.311824	1.41143	1.41143	0.147115	0.599046	-1.66932	0.840726	1.06852	1.06852	0.576823	1.20403	1.20403	4.51683	7.7598	1.52709	1
cg05888120	0.380063	1.18044	1.18044	0.0322532	0.63003	-1.58723	0.936205	1.01486	1.01486	0.064617	0.682211	-1.46582	4.22855	2.27315	0.477841	1
cg20672890	0.0101393	0.530983	-1.8833	0.000173027	0.288009	-3.47211	0.427186	0.853644	-1.17145	0.00128697	0.400201	-2.49874	14.6866	8.86193	0.536357	1
cg27383537	0.0993056	0.692926	-1.44315	0.685431	1.0862	1.0862	0.0546371	0.642355	-1.55677	0.00295269	0.436644	-2.2902	9.78255	6.38687	0.580342	1
cg08764162	0.0415839	0.242465	-4.1243	0.0104847	0.143327	-6.97707	0.0292289	0.212399	-4.70812	0.0369157	0.23188	-4.31257	4.65081	26.7881	5.11989	1
cg10575075	0.186592	1.54498	1.54498	0.0901859	1.78639	1.78639	0.942497	1.02267	1.02267	0.0132902	0.385513	-2.59395	4.20507	6.42914	1.35902	1
cg16746026	0.129807	0.771612	-1.29599	0.0231062	1.53781	1.53781	0.393073	0.870565	-1.14868	0.568818	1.09553	1.09553	3.73681	1.48557	0.353377	1
cg15312497	0.282027	0.768493	-1.30125	0.171741	1.40872	1.40872	0.946895	0.984433	-1.01581	0.0370006	0.56524	-1.76916	3.4443	3.02641	0.781042	1
cg18488462	0.0260067	0.331404	-3.01747	0.0444847	0.381136	-2.62373	0.102183	0.473461	-2.11211	0.0461649	0.384822	-2.59861	4.28056	11.8455	2.4598	1
cg08582038	0.0647979	0.907021	-1.10251	0.000144462	0.734893	-1.36074	0.798487	0.988034	-1.01211	0.147142	0.929412	-1.07595	13.2167	0.46347	0.0311708	1
cg17936725	0.516682	0.854914	-1.16971	0.000783989	0.297995	-3.35577	0.00383255	0.394828	-2.53275	0.0347064	0.556017	-1.79851	6.09285	5.48494	0.800201	1
cg19546943	0.771347	1.04817	1.04817	0.0223656	0.642863	-1.55554	0.675626	0.93432	-1.0703	0.0652907	1.39661	1.39661	3.9251	1.62009	0.366891	1
cg12560154	0.484326	1.10629	1.10629	0.114365	0.783417	-1.27646	0.700265	1.05652	1.05652	0.628995	1.07165	1.07165	4.1524	1.32858	0.284404	1
cg14933365	0.790875	1.00938	1.00938	0.00264722	1.15737	1.15737	0.753545	0.988993	-1.01113	0.0781982	0.93355	-1.07118	9.62804	0.188296	0.0173841	1
cg06617886	0.396341	0.897718	-1.11394	0.000476621	1.9765	1.9765	0.198016	0.8445	-1.18413	0.0946299	0.795949	-1.25636	8.53891	2.087	0.217254	1
cg09791665	0.0734991	0.732543	-1.36511	0.000372722	0.411511	-2.43007	0.185319	0.803256	-1.24493	0.450123	0.886897	-1.12753	5.53512	2.13261	0.342477	1
cg15573359	0.00226194	1.65823	1.65823	0.0174948	0.710099	-1.40825	0.501879	0.92249	-1.08402	0.495886	1.08529	1.08529	4.83347	1.07264	0.197262	1
cg01421963	0.070685	0.685126	-1.45959	0.0470828	0.65348	-1.53027	0.00108596	0.405423	-2.46656	0.820985	0.958455	-1.04335	4.35335	2.41678	0.493469	1
cg03405173	0.562222	1.06365	1.06365	0.0169076	0.73575	-1.35916	0.814716	1.02503	1.02503	0.0329462	1.30042	1.30042	4.23819	0.744446	0.156135	1
cg04178852	0.00918887	0.595656	-1.67882	1.95E-05	0.257558	-3.88262	0.0135578	0.619689	-1.61371	0.593535	0.919078	-1.08805	12.5817	4.88919	0.345418	1
cg25616607	0.0861578	0.513563	-1.94718	2.45E-05	0.0522771	-19.1288	0.118841	0.551574	-1.81299	0.0393779	0.432723	-2.31095	11.2832	22.0734	1.73894	1
cg25591573	0.0851089	0.812772	-1.23036	0.000114902	0.478688	-2.08904	0.228914	0.871539	-1.1474	0.278075	1.13068	1.13068	7.43936	1.39713	0.166935	1
cg25741953	0.57278	1.09907	1.09907	0.084954	1.37131	1.37131	0.00313595	1.9532	1.9532	0.000854967	2.29417	2.29417	6.59177	2.86876	0.386848	1
cg15191744	0.134707	0.771164	-1.29674	0.696226	1.06526	1.06526	0.196645	1.24604	1.24604	0.668931	0.933034	-1.07177	5.90683	2.42889	0.365512	1
cg08847636	0.06548	1.38757	1.38757	0.277515	0.836169	-1.19593	0.0206333	1.55529	1.55529	0.00436631	1.82806	1.82806	3.84938	1.53034	0.353382	1
cg10591825	0.000437902	0.322263	-3.10306	0.128264	0.715257	-1.3981	0.420496	1.18264	1.18264	0.772787	0.9427	-1.06078	4.43929	2.92087	0.584851	1
cg27154394	5.99E-06	0.36825	-2.71555	4.65E-05	0.469492	-2.12996	0.116472	1.18272	1.18272	6.37E-05	0.484978	-2.06195	28.5403	4.3751	0.136263	1
cg23209459	0.000767842	0.324188	-3.08463	0.856666	0.960814	-1.04078	0.000978394	0.338205	-2.95679	0.201465	1.3475	1.3475	15.2579	11.813	0.688197	1
cg26708638	0.0169961	3.1995	3.1995	0.996002	0.998259	-1.00174	?	?	?	0.00734211	0.236979	-4.21978	18.5972	25.4138	0.9761	1
cg20099147	0.00416563	0.568927	-1.7577	0.170715	0.80714	-1.23894	0.0918765	1.31331	1.31331	0.942959	1.01057	1.01057	6.16618	2.10667	0.303688	1
cg13078926	0.0834684	0.54552	-1.83311	0.000884444	0.206805	-4.83547	0.6866	1.13689	1.13689	0.26979	0.695252	-1.43833	4.95839	7.85674	1.40847	1
cg19304108	0.00992502	0.422247	-2.36828	0.105741	1.5964	1.5964	0.569558	1.16433	1.16433	0.644807	0.884375	-1.13074	4.03088	4.47319	0.986426	1
cg23076906	0.115729	1.8694	1.8694	0.340261	0.697946	-1.43278	0.492913	1.29021	1.29021	0.293201	1.4903	1.4903	4.13622	8.77054	1.88482	1
cg03146073	0.000511506	0.587722	-1.70149	0.0126324	1.3549	1.3549	0.0760662	1.21334	1.21334	0.1969	0.874899	-1.14299	10.4877	1.59395	0.135096	1
cg06667178	0.00658133	0.198306	-5.04272	0.0439259	0.345887	-2.89112	0.457285	1.41492	1.41492	0.075702	0.403954	-2.47553	4.74104	15.7849	2.95948	1
cg20930802	0.0549412	0.725378	-1.37859	0.665641	0.93788	-1.06623	0.170787	1.24004	1.24004	0.215783	1.21188	1.21188	4.73517	1.63184	0.306329	1
cg17219326	0.693722	0.830642	-1.20389	0.0112285	0.225528	-4.43405	0.0267384	0.292138	-3.42304	0.21923	0.545677	-1.83259	3.97465	13.8357	3.09421	1
cg00698602	0.0836207	0.582081	-1.71797	0.183732	1.4897	1.4897	0.192592	1.47659	1.47659	0.123579	0.624137	-1.60221	3.81049	4.82016	1.12442	1
cg09542690	0.266895	1.12219	1.12219	0.2034	0.874762	-1.14317	0.0519724	1.24653	1.24653	0.215447	0.878146	-1.13876	3.48595	0.548388	0.139834	1
cg14870493	4.23E-05	0.167293	-5.97753	0.00116882	2.98581	2.98581	0.844539	0.955936	-1.0461	0.920822	0.977437	-1.02308	14.8754	12.4131	0.741753	1
cg04824595	0.00536855	1.45652	1.45652	0.000730423	0.59056	-1.69331	0.000146629	0.511697	-1.95428	0.0647124	1.23716	1.23716	12.4395	2.07283	0.148118	1
cg18786995	0.00404339	0.650181	-1.53803	0.00689771	1.47697	1.47697	0.123327	1.20459	1.20459	0.92492	1.01057	1.01057	10.2891	2.02626	0.175052	1
cg24465855	0.980079	1.0094	1.0094	0.0139944	0.320594	-3.11921	0.130889	0.54256	-1.84311	0.198674	0.600992	-1.66391	5.79355	12.8938	1.97826	1
cg02891574	0.422217	1.27807	1.27807	0.0574609	1.90228	1.90228	0.804152	1.07719	1.07719	0.979984	0.99252	-1.00754	4.48454	6.36148	1.26092	1
cg27322675	0.34143	1.30796	1.30796	0.270909	1.36878	1.36878	0.0792792	1.70494	1.70494	0.729918	1.09956	1.09956	3.57667	4.24857	1.05587	1
cg09259062	0.979534	1.00316	1.00316	0.0098762	0.669576	-1.49348	0.0201019	1.41198	1.41198	0.492199	0.91776	-1.08961	3.50611	0.840486	0.213085	1
cg24362016	0.002121	3.0241	3.0241	9.65E-05	0.169132	-5.91254	0.346366	0.780016	-1.28202	0.0694127	0.594302	-1.68265	15.6186	16.2363	0.924045	1
cg26560367	0.221591	1.25311	1.25311	0.00134332	0.441211	-2.26649	0.196084	0.786566	-1.27135	0.134686	0.753345	-1.32741	12.9771	6.33872	0.434181	1
cg25771390	0.169357	1.33876	1.33876	0.00956745	1.95937	1.95937	0.550883	1.1267	1.1267	0.00140859	0.379074	-2.63801	10.7162	6.46986	0.469579	1
cg18342196	0.805565	0.963584	-1.03779	0.0252181	1.4923	1.4923	0.34788	1.15647	1.15647	0.00698353	0.591665	-1.69015	5.99681	2.14877	0.318506	1
cg27506810	0.0474082	2.61338	2.61338	0.0150582	0.282115	-3.54465	0.018725	0.299185	-3.34242	0.0124742	0.26803	-3.73093	5.83396	16.5751	2.52545	1
cg00588756	0.19507	1.22078	1.22078	0.914221	1.01581	1.01581	0.321538	1.16076	1.16076	0.0776939	0.751706	-1.33031	3.87209	1.29932	0.298275	1
cg00733682	0.00190644	0.316186	-3.16269	0.218723	0.71269	-1.40313	0.818819	1.06192	1.06192	0.71546	0.908592	-1.1006	3.41725	3.71042	0.965147	1
cg14251936	0.533434	1.07019	1.07019	0.0172273	1.3792	1.3792	0.345375	1.11048	1.11048	0.0756368	0.805849	-1.24093	28.4583	5.08383	0.138943	1
cg14010039	0.992614	0.997621	-1.00238	0.193543	0.701845	-1.42482	0.016915	0.472466	-2.11656	0.00253423	0.340144	-2.93993	10.1273	10.6222	0.932327	1
cg10581497	0.00164007	0.364656	-2.74231	0.474786	0.84992	-1.17658	0.209242	0.743706	-1.34462	0.226658	0.752766	-1.32843	9.05169	7.17571	0.704664	1
cg00410831	0.0599688	1.85633	1.85633	0.00226797	0.287973	-3.47255	0.163925	0.648563	-1.54187	0.286103	0.724028	-1.38116	6.28616	8.45975	1.19624	1
cg17764446	0.0119466	0.210661	-4.74697	0.00277715	0.128959	-7.7544	0.847609	1.10025	1.10025	0.355041	0.623481	-1.6039	5.80562	22.6719	3.47126	1
cg09268545	0.792139	0.924982	-1.0811	0.14683	1.58364	1.58364	0.0805752	0.564283	-1.77216	0.1199	0.60765	-1.64569	5.09207	7.03019	1.22721	1
cg02587156	0.197148	1.78907	1.78907	0.00635521	0.219696	-4.55175	0.950348	1.02692	1.02692	0.404001	0.694677	-1.43952	4.30947	12.4231	2.56244	1
cg15069247	0.901033	1.04425	1.04425	7.62E-05	0.0824176	-12.1333	0.289837	1.46572	1.46572	0.0029959	0.242489	-4.1239	10.8633	20.8393	1.70517	1
cg26891999	0.166016	0.864113	-1.15726	0.191295	0.872144	-1.1466	0.427471	1.0834	1.0834	0.105782	0.839711	-1.19089	10.5928	1.6402	0.137637	1
cg23358589	0.00102705	0.432959	-2.30969	0.0164953	0.604085	-1.6554	0.879168	1.02652	1.02652	0.00345703	0.505079	-1.97989	8.3649	3.92173	0.41674	1
cg00289053	0.00458086	0.291824	-3.42672	0.284982	0.696024	-1.43673	0.590472	0.837557	-1.19395	0.000665985	0.182738	-5.47233	6.01166	10.1367	1.49882	1
cg03632754	0.0640686	0.661146	-1.51253	0.00618312	2.03397	2.03397	0.266962	0.794565	-1.25855	0.0625841	0.659231	-1.51692	5.99185	3.7519	0.556592	1
cg23371123	0.000336235	0.102554	-9.751	0.131997	0.527093	-1.8972	0.472122	1.33387	1.33387	0.278426	1.55882	1.55882	5.66974	13.9324	2.18429	1
cg04703800	0.036945	0.326822	-3.05977	0.00923071	0.217578	-4.59606	0.00865483	0.213367	-4.68676	0.0616675	0.378537	-2.64175	4.8002	16.1949	2.99894	1
cg10172319	0.873065	1.03269	1.03269	0.109134	1.42117	1.42117	0.099415	1.43814	1.43814	0.39229	1.19282	1.19282	4.7037	3.01531	0.569823	1
cg08516181	0.423054	0.785126	-1.27368	0.00425859	3.09795	3.09795	0.0854114	1.75444	1.75444	0.373337	0.763247	-1.31019	4.65963	6.44987	1.2304	1
cg02485479	0.641638	1.15715	1.15715	0.367241	1.33435	1.33435	0.17032	1.5758	1.5758	0.42529	0.776044	-1.28859	3.79864	5.83447	1.36528	1
cg02031359	2.18E-05	6.0886	6.0886	0.00462716	2.22042	2.22042	0.15824	1.37626	1.37626	0.699287	1.08565	1.08565	15.7982	11.2158	0.631061	1
cg18358845	0.936776	1.02125	1.02125	0.733064	1.09499	1.09499	0.465721	0.821364	-1.21749	0.0879318	0.606997	-1.64745	13.0708	14.547	0.98928	1
cg24843380	0.127944	1.43483	1.43483	0.234475	1.31444	1.31444	0.0232819	1.81281	1.81281	0.0871383	1.51347	1.51347	8.78539	6.6967	0.677559	1
cg16536329	0.241165	0.799456	-1.25085	0.312084	0.826332	-1.21017	0.184495	1.29275	1.29275	0.046149	1.5171	1.5171	5.84002	3.07791	0.468477	1
cg02165355	0.161422	1.25549	1.25549	0.343303	0.861969	-1.16013	0.78214	0.958701	-1.04308	0.0832556	1.33876	1.33876	3.81456	1.3985	0.325885	1
cg10902717	0.187653	0.67665	-1.47787	0.098491	0.602382	-1.66008	0.130746	0.633504	-1.57852	0.31637	1.33612	1.33612	3.69527	4.5797	1.10164	1
cg22293286	0.246737	1.4595	1.4595	0.466723	0.793587	-1.2601	0.404906	1.30476	1.30476	0.957457	1.01679	1.01679	9.89923	15.2771	1.37179	1
cg26633994	0.778912	1.03499	1.03499	4.31E-05	0.387021	-2.58384	0.0132078	0.68702	-1.45556	0.185717	1.18706	1.18706	16.1801	3.82691	0.210239	1
cg16518291	0.0966259	0.77421	-1.29164	0.181568	0.819571	-1.22015	0.860257	1.02503	1.02503	0.329769	0.868394	-1.15155	7.00032	2.18249	0.277128	1
cg12952012	0.00495082	0.78465	-1.27445	0.000787218	0.712865	-1.40279	0.0408326	0.860416	-1.16223	0.0344086	1.17045	1.17045	7.35044	0.441663	0.046734	1
cg24018232	0.0232164	0.615661	-1.62427	0.00213546	0.462423	-2.16252	0.0836642	1.4081	1.4081	0.789492	0.953292	-1.049	5.53377	2.80085	0.4499	1
cg04421424	0.784803	0.974278	-1.0264	0.00804675	0.723817	-1.38157	0.915296	1.01018	1.01018	0.0183719	1.3131	1.3131	4.10357	0.589074	0.127601	1
cg17412580	0.378147	1.12124	1.12124	0.000929725	0.534951	-1.86933	0.670903	0.947346	-1.05558	0.830933	0.973304	-1.02743	3.59051	0.910748	0.22547	1
cg25549230	0.0137257	1.75122	1.75122	0.0938879	0.712677	-1.40316	0.0662822	0.684701	-1.46049	0.115357	1.36995	1.36995	7.0028	3.75013	0.476016	1
cg08389666	0.0101442	1.83903	1.83903	0.734161	1.06613	1.06613	0.357627	0.837166	-1.19451	4.21E-06	0.135491	-7.38058	17.9032	10.0082	0.496905	1
cg11419456	?	?	?	0.387547	1.37202	1.37202	0.631785	0.842004	-1.18764	0.768624	1.1107	1.1107	12.4849	21.7783	1.52633	1
cg07801516	0.542206	1.04879	1.04879	0.0207625	1.23981	1.23981	0.825884	0.983131	-1.01716	0.321222	1.08235	1.08235	3.47027	0.32773	0.083946	1
cg00100800	0.452781	0.915086	-1.09279	0.000520028	0.533722	-1.87363	0.0574893	0.779386	-1.28306	0.0408671	0.760456	-1.315	6.064	1.2927	0.18949	1
cg13738615	0.235132	1.39424	1.39424	0.034364	0.517263	-1.93325	0.229333	1.40061	1.40061	0.00995267	2.38558	2.38558	4.12958	4.66561	1.00427	1
cg13496359	0.675241	1.05383	1.05383	0.814222	0.971132	-1.02973	0.810752	0.970589	-1.0303	0.0961502	0.79663	-1.25529	4.03808	0.990363	0.218005	1
cg13595195	0.49505	0.86287	-1.15892	0.604155	1.11778	1.11778	0.440859	1.18214	1.18214	0.108452	0.688828	-1.45174	3.56233	2.55688	0.638004	1
cg18989174	0	1.81178	1.81178	0	7.89015	7.89015	?	?	?	0	2.92233	2.92233	?	27.4614	0	1
cg00420532	0.364445	1.10485	1.10485	1.04E-05	0.364443	-2.74391	0.00161299	0.616467	-1.62215	0.144452	0.845589	-1.18261	22.8308	4.13904	0.161148	1
cg26935219	0.873595	1.04341	1.04341	1.29E-05	0.0866032	-11.5469	0.00899777	0.412097	-2.42661	0.102881	0.621093	-1.61007	15.0752	17.0092	1.00292	1
cg27462418	0.917661	0.971118	-1.02974	0.000482943	0.211985	-4.71732	0.255742	1.39968	1.39968	0.014981	2.33422	2.33422	7.09458	9.02486	1.13074	1
cg05343480	0.0647317	2.69617	2.69617	0.000828932	11.0958	11.0958	0.00722122	5.24585	5.24585	0.0098137	4.76209	4.76209	6.9731	25.2424	3.21775	1
cg13131455	0.505667	1.16718	1.16718	0.000180078	0.234267	-4.26863	0.287709	0.776724	-1.28746	0.980784	0.994502	-1.00553	6.27861	5.21023	0.737635	1
cg10819771	0.020798	0.702431	-1.42363	0.000511675	0.502249	-1.99104	0.68798	0.950047	-1.05258	0.309878	1.14269	1.14269	5.71524	1.45839	0.226823	1
cg00280799	0.452371	0.663883	-1.50629	0.00203287	0.0975088	-10.2555	0.108443	0.391813	-2.55224	0.0368753	0.273309	-3.65887	4.4137	20.0141	4.03071	1
cg09646197	0.751452	1.35324	1.35324	0.0258149	12.4256	12.4256	0.0324054	10.8535	10.8535	0.0244185	12.8451	12.8451	3.7628	54.0122	12.7593	1
cg20089180	0.860414	1.03693	1.03693	0.00114144	0.373217	-2.67941	0.434061	1.17875	1.17875	0.913349	0.977823	-1.02268	4.53518	3.04899	0.597598	1
cg09481927	0.987558	1.00304	1.00304	0.00100059	2.586	2.586	3.37E-05	4.77186	4.77186	0.0824262	1.4537	1.4537	52.5287	31.4612	0.532385	1
cg00856775	0.00286669	0.626231	-1.59686	0.210288	1.16256	1.16256	1.88E-05	2.69999	2.69999	0.708366	0.958036	-1.0438	25.8622	5.33177	0.183254	1
cg02194300	0.142116	0.77353	-1.29277	6.37E-06	0.194235	-5.1484	0.000974268	0.450067	-2.22189	0.800303	1.0421	1.0421	23.1201	9.69447	0.37272	1
cg00808918	0.71554	0.947506	-1.0554	0.384286	1.14046	1.14046	0.917457	0.984843	-1.01539	0.295375	0.852251	-1.17336	12.4924	4.29461	0.305579	1
cg03314029	0.00887727	5.67341	5.67341	0.000151292	29.6466	29.6466	0.00108683	12.3434	12.3434	0.00432644	7.30026	7.30026	9.27731	39.9181	3.82468	1
cg07215504	0.0214561	4.96915	4.96915	0.000209543	36.5384	36.5384	0.00175266	13.2999	13.2999	0.00538694	8.38113	8.38113	8.07329	43.0511	4.74003	1
cg27465746	0.672159	1.09876	1.09876	0.815211	0.949518	-1.05317	0.223131	1.32741	1.32741	0.960723	1.01096	1.01096	5.88802	4.56547	0.689229	1
cg07439859	0.0474636	0.181426	-5.5119	0.00125108	0.0287746	-34.7529	0.0518044	0.189001	-5.29098	0.316295	0.458435	-2.18134	5.41394	48.5933	7.97831	1
cg07816095	0.739668	0.902373	-1.10819	0.854722	0.945104	-1.05808	0.00977782	0.365554	-2.73557	0.185822	0.649121	-1.54054	5.24589	7.88398	1.3359	1
cg03035213	0.0344882	8.92077	8.92077	0.00155885	56.5616	56.5616	0.00780562	20.7142	20.7142	0.0135424	15.0577	15.0577	5.16812	64.4664	11.0879	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05279149	ZNF469	0.0171017	0.850877	0.88945	-1.12429	0.098386	0.323581	-3.09042	0.0718574	0.28625	-3.49345	0.612345	1.37449	1.37449	0.00253857	0.0737043	-13.5677
cg11115391	ZNF469	0.0240756	0.914933	1.02103	1.02103	0.255541	1.26007	1.26007	0.394643	1.18506	1.18506	0.268059	1.25192	1.25192	0.0252394	0.595582	-1.67903
cg07063890	ZNF469	0.0326525	0.125354	1.97652	1.97652	0.39706	0.700344	-1.42787	0.305166	1.54671	1.54671	0.934424	0.966765	-1.03438	0.0440312	0.386572	-2.58684
cg27245950	ZNF469	0.0353838	0.0821725	0.707999	-1.41243	0.00830951	0.546094	-1.83119	0.0128515	0.574655	-1.74017	0.0182722	0.598303	-1.67139	0.130853	0.746379	-1.3398
cg05495879	ZNF470	0.00126899	0.222662	1.37764	1.37764	0.000120798	0.186519	-5.36138	0.00620989	0.409862	-2.43984	0.976829	1.00729	1.00729	0.00053206	0.2597	-3.8506
cg12432761	ZNF470;ZNF470	0.0211338	0.146319	0.850237	-1.17614	0.00177389	0.629347	-1.58895	0.022659	0.752843	-1.3283	0.332954	1.1095	1.1095	0.565421	0.941335	-1.06232
cg00711090	ZNF471	0.00143284	0.0102026	0.573658	-1.7432	0.0011573	0.440912	-2.26802	0.00340702	0.505165	-1.97955	0.269598	0.820991	-1.21804	0.023468	0.628536	-1.591
cg19811761	ZNF471	0.00251059	0.0276905	1.28497	1.28497	0.121419	0.850645	-1.17558	0.0230335	0.769618	-1.29935	0.00483318	0.697629	-1.43343	0.162221	0.866105	-1.15459
cg24713204	ZNF471	0.0196298	0.154502	1.27289	1.27289	0.715838	1.05959	1.05959	0.00136066	2.08781	2.08781	0.520354	1.10867	1.10867	0.948041	0.989735	-1.01037
cg19358877	ZNF471;ZNF471	0.000406077	0.612091	1.32603	1.32603	0.604147	1.33458	1.33458	0.0700576	0.327051	-3.05763	0.846617	1.11279	1.11279	0.325359	0.570977	-1.75138
cg05008688	ZNF474	0.00029674	0.231673	1.11593	1.11593	0.000558144	0.626188	-1.59696	0.344285	1.08891	1.08891	0.0428208	0.815587	-1.22611	0.499528	0.941827	-1.06177
cg19083497	ZNF474	0.00825109	0.0311943	0.375617	-2.66229	0.00402745	0.223981	-4.46466	0.00542566	0.242434	-4.12483	0.0171002	0.324439	-3.08225	0.00272251	0.201303	-4.96763
cg20306025	ZNF479	0.0301044	0.0166156	0.112965	-8.85233	0.0529067	0.193944	-5.15613	0.250021	0.408107	-2.45034	0.149902	0.31636	-3.16096	0.0107078	0.0915004	-10.9289
cg08697180	ZNF48	1.51E-05	0.468306	1.06774	1.06774	4.37E-05	1.9909	1.9909	0.00107796	0.651278	-1.53544	8.44E-07	0.311402	-3.21129	0.70164	1.03478	1.03478
cg00711896	ZNF48	0.00126656	0.0330945	0.468767	-2.13325	0.193765	1.5191	1.5191	0.894718	0.960538	-1.04108	0.069864	0.539882	-1.85226	0.000641393	0.203249	-4.92007
cg16707600	ZNF48	0.00183678	0.014535	0.707773	-1.41288	0.0418172	1.30912	1.30912	0.0393682	1.31477	1.31477	0.00544596	1.52168	1.52168	0.264989	1.14268	1.14268
cg07421028	ZNF48	0.00264295	0.000153978	0.34905	-2.86492	0.446714	1.13412	1.13412	0.928793	0.9856	-1.01461	0.105524	0.750539	-1.33238	0.000971706	0.45088	-2.21789
cg08959230	ZNF48	0.00593004	0.0487743	0.580265	-1.72335	0.612875	0.883913	-1.13133	0.122248	0.666936	-1.49939	0.548083	1.15834	1.15834	0.000110204	0.192822	-5.18613
cg01392867	ZNF48	0.0157335	0.682439	0.88592	-1.12877	0.00255758	3.42792	3.42792	0.317168	1.35592	1.35592	0.00536957	2.94316	2.94316	0.610194	0.859511	-1.16345
cg16014085	ZNF48	0.0195033	0.0247825	1.88461	1.88461	0.680775	1.10307	1.10307	0.00245901	2.71519	2.71519	0.00653401	2.31165	2.31165	0.109328	1.5129	1.5129
cg27480700	ZNF480	0.000290851	0.963803	0.994495	-1.00554	0.0112693	1.4713	1.4713	0.028442	0.730091	-1.36969	0.0915953	1.25354	1.25354	0.00454837	0.63144	-1.58368
cg00784263	ZNF480	0.0097096	0.304041	0.886712	-1.12776	0.0130472	1.41604	1.41604	0.140822	1.19593	1.19593	0.137043	1.1983	1.1983	0.814871	1.02685	1.02685
cg08282385	ZNF480	0.0137709	0.715156	1.07021	1.07021	0.00262556	0.462519	-2.16207	0.293837	0.817438	-1.22333	0.0186173	0.589715	-1.69573	0.057227	0.671492	-1.48922
cg23275673	ZNF480	0.0378204	0.365052	1.23132	1.23132	0.633929	1.11322	1.11322	0.397169	0.823792	-1.2139	0.202932	0.74044	-1.35055	0.050791	0.608028	-1.64466
cg02612963	ZNF483;ZNF483	0.0103795	0.0516554	1.4401	1.4401	0.0652148	0.711162	-1.40615	0.264128	0.82558	-1.21127	0.0522678	1.43836	1.43836	0.00832489	1.74254	1.74254
cg01294431	ZNF483;ZNF483	0.0174246	0.0399256	0.480136	-2.08275	0.271851	1.42387	1.42387	0.031412	0.458494	-2.18105	0.97404	0.989997	-1.0101	0.000893183	0.215041	-4.65028
cg14646548	ZNF484;ZNF484	0.00377978	0.215816	0.701721	-1.42507	0.433504	1.24275	1.24275	0.0034843	0.340271	-2.93884	0.755352	0.918519	-1.08871	0.000171238	0.176097	-5.67869
cg14607955	ZNF484;ZNF484	0.0063113	0.21326	0.813218	-1.22968	0.0803455	0.736393	-1.35797	0.677153	0.936086	-1.06828	0.692502	1.06471	1.06471	0.124268	0.76909	-1.30024
cg10347635	ZNF485	0.000133376	0.0818167	1.37412	1.37412	0.0548305	1.43176	1.43176	0.000230793	0.3651	-2.73898	0.0271757	1.53862	1.53862	1.46E-05	0.226501	-4.41499
cg09478103	ZNF485	0.00205661	0.0461955	1.37422	1.37422	0.0757161	0.759483	-1.31668	0.0190384	0.673662	-1.48442	0.0417645	1.38625	1.38625	0.00119128	0.516252	-1.93704
cg12297409	ZNF485	0.00510087	0.122261	0.714676	-1.39924	0.00351585	0.452074	-2.21203	0.99189	0.997963	-1.00204	0.028834	0.596308	-1.67699	0.00812235	0.506761	-1.97332
cg23633666	ZNF485	0.0069292	0.108315	0.645848	-1.54835	0.461288	0.829297	-1.20584	0.419216	0.813849	-1.22873	0.568059	0.86588	-1.15489	0.680145	1.109	1.109
cg25692323	ZNF485	0.0107781	0.191037	1.53338	1.53338	0.0400871	0.480708	-2.08027	0.141496	0.613749	-1.62933	0.797207	0.923569	-1.08276	0.00436855	0.308646	-3.23996
cg03696346	ZNF485	0.0169304	0.983193	0.99659	-1.00342	0.00250669	1.97529	1.97529	0.00637729	1.77817	1.77817	0.099568	1.34001	1.34001	0.431097	1.13916	1.13916
cg12743727	ZNF485	0.0331285	0.223139	0.752843	-1.3283	0.00338173	0.413161	-2.42036	0.711943	0.921035	-1.08574	0.914464	1.02412	1.02412	0.132097	0.697354	-1.43399
cg04284122	ZNF485	0.0485442	0.209904	0.727906	-1.3738	0.0154891	0.48981	-2.04161	0.600141	0.880625	-1.13556	0.291512	0.7687	-1.3009	0.0675543	0.611268	-1.63594
cg18435900	ZNF485;ZNF485	0.00229745	?	?	?	0.121047	1.53737	1.53737	0.00120178	0.0878012	-11.3894	?	?	?	?	?	?
cg03570035	ZNF486	0.00156845	0.0646058	0.488511	-2.04704	0.877696	1.05458	1.05458	0.191823	1.61099	1.61099	0.446552	0.765092	-1.30703	2.77E-05	0.0578997	-17.2712
cg03126199	ZNF486	0.011822	0.00699418	0.364959	-2.74003	0.0260853	0.466286	-2.14461	0.149229	0.639595	-1.56349	0.322565	1.3435	1.3435	0.0030204	0.308905	-3.23724
cg25393574	ZNF486	0.017669	0.0179501	1.48986	1.48986	0.110027	0.785462	-1.27314	0.0852859	0.768174	-1.30179	0.533181	0.91622	-1.09144	0.837085	0.97186	-1.02895
cg00275362	ZNF486	0.0281877	0.283995	0.557491	-1.79375	0.00314445	0.120137	-8.32386	0.0239877	0.243255	-4.11092	0.285519	1.79019	1.79019	0.505329	0.701289	-1.42595
cg02427230	ZNF486	0.0308306	0.0756165	1.44743	1.44743	0.260868	1.24515	1.24515	0.342881	1.20047	1.20047	0.962595	0.99127	-1.00881	0.00216774	0.447243	-2.23592
cg17853779	ZNF487	0.000319117	0.246194	1.42917	1.42917	0.881212	1.04501	1.04501	0.426334	0.787282	-1.27019	0.330619	1.34391	1.34391	0.000988851	0.236617	-4.22624
cg12291519	ZNF487	0.000465884	0.976128	0.992959	-1.00709	0.872113	1.03878	1.03878	0.262955	0.759118	-1.31732	0.449834	1.19942	1.19942	0.544485	1.15586	1.15586
cg26541587	ZNF487	0.00112606	0.659499	0.919917	-1.08705	0.0203495	1.69289	1.69289	0.675897	1.08237	1.08237	0.850807	0.965174	-1.03608	0.491172	1.1407	1.1407
cg10610270	ZNF487	0.00242702	0.365227	0.922457	-1.08406	0.591039	1.04819	1.04819	0.0619338	1.20006	1.20006	0.64624	1.04091	1.04091	0.344084	1.08823	1.08823
cg03401477	ZNF487	0.0191062	0.865665	1.02637	1.02637	0.814366	1.03682	1.03682	0.200203	0.812207	-1.23121	0.208362	0.81556	-1.22615	0.00042542	0.424114	-2.35785
cg09608028	ZNF487	0.0224493	0.863957	1.02832	1.02832	0.0103458	0.590926	-1.69226	0.45723	0.883995	-1.13123	0.720317	1.0603	1.0603	0.0124614	1.65933	1.65933
cg00585474	ZNF487	0.0262751	0.00271591	1.83678	1.83678	0.522214	0.909157	-1.09992	0.101892	1.30071	1.30071	0.662098	1.0667	1.0667	0.526385	1.09884	1.09884
cg22361050	ZNF488	0.00930065	0.308638	1.28845	1.28845	0.0085684	0.446375	-2.24027	0.218922	1.36478	1.36478	0.821167	0.947	-1.05597	0.0125661	2.10974	2.10974
cg10688514	ZNF488	0.0227593	0.86695	1.01685	1.01685	0.0868975	0.828299	-1.20729	0.729947	0.966063	-1.03513	0.112483	0.841846	-1.18787	0.838548	1.02054	1.02054
cg08341667	ZNF488	0.0329864	0.887595	0.979202	-1.02124	0.0913007	1.31831	1.31831	0.476848	0.898086	-1.11348	0.262746	0.840704	-1.18948	0.382595	1.14232	1.14232
cg04388792	ZNF490	0.00458951	0.0794085	2.49432	2.49432	0.00344866	0.154997	-6.45175	0.0201707	0.268396	-3.72584	0.151856	2.05581	2.05581	0.0127117	0.233741	-4.27824
cg07931792	ZNF490	0.0189046	0.0226829	6.89856	6.89856	0.336696	0.495955	-2.01631	0.754259	0.800665	-1.24896	0.0600148	4.49091	4.49091	0.106614	0.28727	-3.48104
cg01871581	ZNF490	0.0195249	0.0270645	5.23665	5.23665	0.153722	0.380518	-2.628	0.704	0.785466	-1.27313	0.0531327	4.0152	4.0152	0.329541	0.529099	-1.89
cg06912922	ZNF490	0.0274763	0.0362424	3.53029	3.53029	0.0034136	0.127311	-7.85479	0.094551	0.385988	-2.59076	0.430875	1.51662	1.51662	0.333946	0.596762	-1.67571
cg15522939	ZNF490	0.0301188	0.71038	0.895258	-1.117	0.339188	0.746608	-1.33939	0.0686355	0.546316	-1.83044	0.759699	0.913015	-1.09527	0.788442	1.08305	1.08305
cg12494124	ZNF490;ZNF791;ZNF791	0.0241936	0.72791	0.950264	-1.05234	0.362653	0.872267	-1.14644	0.967296	0.99403	-1.00601	0.444238	0.892327	-1.12067	0.767593	0.957637	-1.04424
cg04248439	ZNF491	0.000595863	0.239321	1.42092	1.42092	0.0238816	2.15655	2.15655	0.0849668	0.580974	-1.72125	0.0977695	1.6785	1.6785	0.0203189	2.22003	2.22003
cg22912101	ZNF491	0.014815	0.00126107	0.407545	-2.45371	0.540141	0.888465	-1.12554	0.486098	1.14448	1.14448	0.706813	0.930481	-1.07471	0.329491	1.21154	1.21154
cg07805238	ZNF491	0.0199401	0.128196	0.766538	-1.30457	0.322532	0.847712	-1.17965	0.40504	0.871328	-1.14767	0.0269981	0.654831	-1.52711	0.01154	0.600057	-1.66651
cg00492711	ZNF491	0.043471	0.494846	0.938316	-1.06574	0.418678	1.07886	1.07886	0.00737296	0.72821	-1.37323	0.867513	0.984781	-1.01545	0.0298127	0.790698	-1.26471
cg19526626	ZNF491;ZNF491	0.0365698	0.908848	1.01943	1.01943	0.0577119	1.43415	1.43415	0.0472162	1.46451	1.46451	0.364377	0.855035	-1.16954	0.790436	1.04577	1.04577
cg14258645	ZNF492	3.08E-08	0.00588405	0.702184	-1.42413	0.0205009	0.760433	-1.31504	0.288746	1.11409	1.11409	0.871916	1.01595	1.01595	8.79E-10	0.0455573	-21.9504
cg00832635	ZNF492	1.58E-06	0.07475	0.732693	-1.36483	0.139125	0.779232	-1.28332	0.0460161	1.4309	1.4309	0.563124	0.912469	-1.09593	1.18E-07	0.0704927	-14.1859
cg08271804	ZNF492	8.79E-06	0.00367304	0.61896	-1.61561	0.236208	0.859328	-1.1637	0.800499	1.03141	1.03141	0.235154	0.859007	-1.16413	0.000238719	2.10236	2.10236
cg06748831	ZNF492	0.00070676	0.141483	1.57098	1.57098	0.517337	0.828997	-1.20628	0.445295	0.800681	-1.24894	0.124133	0.621447	-1.60915	0.00434916	0.336697	-2.97003
cg24889512	ZNF492	0.0109375	0.486624	0.878784	-1.13794	0.293186	0.819274	-1.22059	0.494193	1.13532	1.13532	0.00777145	0.535352	-1.86793	0.328868	1.20228	1.20228
cg05241461	ZNF492	0.0152304	0.799933	0.851566	-1.17431	0.845731	0.884157	-1.13117	0.692802	1.2856	1.2856	0.684903	0.772502	-1.2945	0.146768	2.67878	2.67878
cg18599790	ZNF492	0.0485898	0.223531	0.858844	-1.16436	0.853197	0.9782	-1.02229	0.621748	1.06096	1.06096	0.688576	0.953192	-1.04911	0.828942	0.974583	-1.02608
cg19023258	ZNF493;ZNF493	0.00214416	0.110418	1.38042	1.38042	0.00480849	0.499909	-2.00036	0.000296745	0.335673	-2.97909	0.00354389	0.480717	-2.08022	0.822046	1.04263	1.04263
cg08644285	ZNF493;ZNF493;ZNF493	0.000280636	0.000708537	0.588463	-1.69934	0.0618461	1.24127	1.24127	0.38613	0.912734	-1.09561	0.00598274	1.44667	1.44667	0.00745811	0.701804	-1.4249
cg18099306	ZNF493;ZNF493;ZNF493	0.00763158	0.240948	0.483178	-2.06963	0.00132999	0.0629655	-15.8817	0.0516982	0.269271	-3.71373	0.0753643	0.309413	-3.23192	0.00448081	0.105873	-9.44526
cg01331335	ZNF493;ZNF493;ZNF493	0.00763544	0.754643	0.939026	-1.06493	0.25584	0.788178	-1.26875	0.329679	1.22368	1.22368	0.747747	1.0669	1.0669	0.000106518	0.253493	-3.94489
cg03109229	ZNF496	6.42E-05	4.98E-06	0.188632	-5.30134	0.000431785	0.409686	-2.44089	0.861276	0.972355	-1.02843	0.0484116	1.4354	1.4354	0.0048439	1.82001	1.82001
cg11164537	ZNF496	0.00019957	0.0033134	0.503887	-1.98457	0.13417	1.31889	1.31889	0.429027	1.14837	1.14837	0.926616	1.01591	1.01591	2.98E-06	0.148275	-6.74423
cg12753558	ZNF496	0.000212732	0.00119945	0.560475	-1.7842	0.384284	1.11498	1.11498	0.216791	1.17181	1.17181	0.00370933	1.61337	1.61337	2.66E-05	0.363191	-2.75337
cg03864005	ZNF496	0.000266593	0.0327804	0.467468	-2.13918	0.0628906	0.528809	-1.89104	0.0446656	2.01748	2.01748	0.00344317	0.298315	-3.35216	0.000101953	0.123023	-8.12854
cg25061864	ZNF496	0.000605286	0.411767	0.788954	-1.2675	0.00317662	0.320415	-3.12095	0.112429	1.62926	1.62926	0.156733	0.651923	-1.53392	0.00344363	0.325598	-3.07127
cg23616126	ZNF496	0.00630334	0.0719547	0.783911	-1.27565	0.000220968	0.474363	-2.10809	0.673166	1.05277	1.05277	0.935801	0.990283	-1.00981	0.0652299	0.778125	-1.28514
cg13911707	ZNF496	0.0113761	0.00412679	0.294887	-3.39113	0.00468172	0.303138	-3.29882	0.229805	0.670311	-1.49184	0.0489067	2.04199	2.04199	0.0130599	0.376244	-2.65785
cg22367492	ZNF496	0.046694	0.800229	1.04025	1.04025	0.749124	1.0512	1.0512	0.129298	1.29056	1.29056	0.12149	0.770069	-1.29858	0.382502	1.14956	1.14956
cg12133425	ZNF496;ZNF496	0.0020207	0.0879372	1.41326	1.41326	0.31803	1.20872	1.20872	0.476042	0.875371	-1.14237	0.00544108	0.510838	-1.95757	0.0612239	0.678812	-1.47316
cg05644518	ZNF497	0.000147692	0.614172	0.928375	-1.07715	0.000204248	0.402499	-2.48448	0.216035	0.826668	-1.20968	0.870691	0.976463	-1.0241	5.15E-06	0.219879	-4.54796
cg11278260	ZNF497	0.000304234	0.0765539	0.654641	-1.52755	0.270879	0.781511	-1.27957	0.004627	0.444738	-2.24851	0.000525952	0.312903	-3.19588	2.05E-05	0.157277	-6.3582
cg22591384	ZNF497	0.00168387	0.220611	1.17004	1.17004	0.0417689	1.33133	1.33133	0.0118419	1.46696	1.46696	0.00122756	1.77989	1.77989	0.00170457	1.72696	1.72696
cg08504662	ZNF497	0.0073838	0.0803465	1.88635	1.88635	0.012954	2.74315	2.74315	0.487225	0.793792	-1.25978	0.209603	1.54132	1.54132	0.12537	1.72064	1.72064
cg09573809	ZNF497	0.00922611	0.231488	0.752943	-1.32812	0.00515029	0.433735	-2.30556	0.0239024	0.543697	-1.83926	0.031773	1.76667	1.76667	0.085725	0.650887	-1.53636
cg27482856	ZNF498	0.00650449	0.0850419	0.88617	-1.12845	0.00253171	1.30471	1.30471	0.000477748	1.41614	1.41614	0.846026	0.987738	-1.01241	0.355731	1.06214	1.06214
cg26553682	ZNF498	0.00722063	0.936964	0.994433	-1.0056	0.149975	0.896791	-1.11509	0.347594	1.07064	1.07064	0.018144	0.816686	-1.22446	0.349499	1.07034	1.07034
cg07375256	ZNF498	0.00740408	0.00189418	0.327405	-3.05432	0.803314	0.938668	-1.06534	0.418654	0.810906	-1.23319	0.991328	1.00276	1.00276	0.000323535	0.228807	-4.3705
cg21532378	ZNF498	0.0162873	0.729318	1.19549	1.19549	0.323489	1.69292	1.69292	0.909567	1.06011	1.06011	0.100872	0.392101	-2.55036	0.0412056	0.290103	-3.44705
cg23836139	ZNF498	0.0259872	0.328598	1.22516	1.22516	0.483842	1.15407	1.15407	0.827828	0.957083	-1.04484	0.122141	1.40132	1.40132	0.66684	0.916474	-1.09114
cg26770475	ZNF498	0.0320989	0.110235	1.54135	1.54135	0.155146	1.45956	1.45956	0.205258	1.39401	1.39401	0.531046	1.17083	1.17083	0.187114	0.706425	-1.41558
cg16459391	ZNF498	0.0409138	0.251149	0.786409	-1.2716	0.33439	0.819128	-1.22081	0.223169	0.773753	-1.2924	0.326375	0.816227	-1.22515	0.085599	0.683322	-1.46344
cg18349022	ZNF498	0.0471898	0.653241	0.936206	-1.06814	0.585285	1.08364	1.08364	0.768344	1.04399	1.04399	0.876333	1.02296	1.02296	0.0943553	0.764862	-1.30742
cg16755475	ZNF500	5.02E-05	0.700611	0.924458	-1.08172	0.342398	1.22004	1.22004	0.755214	1.06565	1.06565	3.32E-06	0.107258	-9.32331	0.00126497	0.38421	-2.60274
cg03649125	ZNF500	0.00051878	0.581904	0.90899	-1.10012	0.382451	1.16613	1.16613	0.0639414	0.699568	-1.42945	0.432387	1.14738	1.14738	1.74E-05	0.22104	-4.52407
cg10059378	ZNF500	0.000867254	0.129727	0.925848	-1.08009	0.0225185	0.87931	-1.13726	0.000274273	1.32382	1.32382	0.749151	0.985013	-1.01521	0.00051816	1.2903	1.2903
cg09338875	ZNF500	0.00931884	0.00704711	0.254273	-3.93278	0.513614	1.29749	1.29749	0.025189	0.351128	-2.84796	0.878979	1.06173	1.06173	0.0105093	0.282006	-3.54602
cg02888113	ZNF500	0.0125017	0.00290325	0.126115	-7.92925	0.0718415	0.361827	-2.76375	0.0367209	0.292994	-3.41304	0.639779	1.26927	1.26927	0.0132486	0.211638	-4.72505
cg10274950	ZNF500	0.0128024	0.658687	0.92737	-1.07832	0.000770435	2.37191	2.37191	0.341169	1.18101	1.18101	0.857696	0.970015	-1.03091	0.581861	0.909978	-1.09893
cg11422964	ZNF500	0.0141173	0.011252	0.673865	-1.48398	0.824457	0.972762	-1.028	0.693398	1.05049	1.05049	0.120049	1.23323	1.23323	0.451018	0.908951	-1.10017
cg26468049	ZNF500	0.0143758	0.283063	1.46699	1.46699	0.521493	1.25013	1.25013	0.482053	1.27826	1.27826	?	?	?	0.00105966	0.189508	-5.27683
cg16681355	ZNF500	0.0345253	0.767775	1.07955	1.07955	0.0944178	0.621728	-1.60842	0.0531672	0.566718	-1.76455	0.0655647	0.58613	-1.70611	0.662337	0.892629	-1.12029
cg07669455	ZNF500	0.0473135	?	?	?	0.823042	1.09813	1.09813	0.327432	1.54815	1.54815	0.0146407	0.198997	-5.0252	0.0376923	0.301369	-3.3182
cg15131977	ZNF501	0.00113001	0.00134861	1.47314	1.47314	0.631644	0.96061	-1.04101	0.784818	1.02303	1.02303	0.00171693	1.45109	1.45109	0.00011329	1.75771	1.75771
cg02073558	ZNF501	0.00263492	0.490343	0.855577	-1.1688	0.0705814	1.57879	1.57879	0.251886	1.30686	1.30686	0.980947	1.00532	1.00532	0.00014846	0.204432	-4.8916
cg17913259	ZNF501	0.0195245	0.0585415	0.296488	-3.37282	0.0900009	0.345404	-2.89516	0.458268	1.53672	1.53672	0.465589	0.655447	-1.52568	0.591709	0.734908	-1.36071
cg25574812	ZNF501	0.0347786	0.691271	0.930789	-1.07436	0.217918	1.26223	1.26223	0.882909	1.02683	1.02683	0.932109	0.984807	-1.01543	0.775296	1.05277	1.05277
cg04389838	ZNF501	0.0451097	0.105	0.647095	-1.54537	0.158857	0.69073	-1.44774	0.965385	0.989394	-1.01072	0.0688343	0.606331	-1.64926	0.0227056	0.51165	-1.95446
cg13919821	ZNF502;ZNF502;ZNF502;ZNF502	1.08E-05	7.77E-05	0.434038	-2.30395	0.00137349	1.71903	1.71903	0.461683	0.916268	-1.09138	5.06E-05	2.42682	2.42682	0.172171	0.844012	-1.18482
cg14768256	ZNF502;ZNF502;ZNF502;ZNF502	0.000182307	0.166343	0.67393	-1.48383	2.31E-05	0.103955	-9.61954	0.0883585	0.604854	-1.65329	0.00347555	0.346265	-2.88796	8.35E-05	0.150614	-6.63948
cg15687855	ZNF502;ZNF502;ZNF502;ZNF502	0.0148741	0.848394	0.979776	-1.02064	0.308055	1.11922	1.11922	0.0164903	1.36721	1.36721	0.0155101	1.37293	1.37293	0.393425	0.910894	-1.09782
cg10263370	ZNF502;ZNF502;ZNF502;ZNF502	0.015289	0.00155934	2.53257	2.53257	0.279287	0.794624	-1.25846	0.861279	1.03639	1.03639	0.0141682	1.8563	1.8563	0.0634649	0.652788	-1.53189
cg24437311	ZNF502;ZNF502;ZNF502;ZNF502	0.0201445	0.0664761	0.491142	-2.03607	0.19745	0.624567	-1.60111	0.0229075	0.390497	-2.56084	0.413986	0.749377	-1.33444	0.701837	1.14213	1.14213
cg15584792	ZNF502;ZNF502;ZNF502;ZNF502	0.0249067	0.177905	1.44654	1.44654	0.634888	0.883949	-1.13129	0.0183713	0.478167	-2.09132	0.574039	1.15773	1.15773	0.00335803	0.357368	-2.79823
cg13997975	ZNF503	0.00102006	0.00102869	12.8452	12.8452	0.0109786	0.187312	-5.3387	0.0266085	0.25178	-3.97172	0.182057	2.10305	2.10305	0.0440672	0.296937	-3.36772
cg03487027	ZNF503	0.00184896	0.00315429	7.00852	7.00852	0.209234	0.527939	-1.89416	0.283836	0.584284	-1.7115	0.337067	1.61231	1.61231	0.0233792	0.27052	-3.69659
cg25561913	ZNF503;C10orf41	0.0189105	0.745865	1.0361	1.0361	0.0857664	1.2301	1.2301	0.0194098	1.36102	1.36102	0.0489926	1.27779	1.27779	0.20727	1.15608	1.15608
cg15437133	ZNF503;C10orf41	0.0240872	0.691977	1.0344	1.0344	0.265956	1.10347	1.10347	0.114112	1.15718	1.15718	0.267829	1.10301	1.10301	0.414571	0.931613	-1.07341
cg04070211	ZNF506;ZNF506	3.80E-05	0.004025	0.48778	-2.0501	1.47E-06	0.103207	-9.68923	0.000359625	2.89625	2.89625	0.356521	1.19267	1.19267	0.00253622	0.45911	-2.17813
cg08339762	ZNF506;ZNF506	0.0272394	0.714847	1.06802	1.06802	0.0706699	0.696107	-1.43656	0.28095	0.817932	-1.2226	0.930975	1.01566	1.01566	0.000804251	0.403471	-2.47702
cg10837488	ZNF506;ZNF506	0.0320582	0.436599	1.0996	1.0996	0.0692582	0.784154	-1.27526	0.00447881	0.63546	-1.57366	0.09542	0.803201	-1.24502	0.0276522	0.732359	-1.36545
cg22094706	ZNF506;ZNF506	0.0475132	0.0482012	1.3951	1.3951	0.126301	0.783549	-1.27624	0.320696	0.85958	-1.16336	0.847837	1.02873	1.02873	0.270348	0.844294	-1.18442
cg00090338	ZNF507;ZNF507	0.000292033	0.0782816	0.540706	-1.84943	0.000720183	0.198368	-5.04113	0.129758	0.597804	-1.67279	0.688025	1.13528	1.13528	0.000429977	0.173554	-5.76189
cg14269605	ZNF507;ZNF507	0.00202728	0.0511309	1.48928	1.48928	0.000187735	0.323028	-3.09571	0.0250871	0.620134	-1.61256	0.958523	1.00937	1.00937	0.453693	1.14667	1.14667
cg03685817	ZNF507;ZNF507	0.00261479	0.538176	0.891339	-1.12191	0.00177266	0.439764	-2.27394	0.000613028	0.377633	-2.64807	0.975478	0.994343	-1.00569	0.30538	1.21638	1.21638
cg15525934	ZNF507;ZNF507	0.0049509	0.062171	0.712959	-1.4026	0.090493	0.74041	-1.3506	0.00311847	1.91819	1.91819	0.577814	1.09483	1.09483	0.408515	1.14593	1.14593
cg16662424	ZNF507;ZNF507	0.00956984	0.295428	1.26264	1.26264	0.000189603	0.258584	-3.86721	0.608444	0.894886	-1.11746	0.72373	0.926555	-1.07927	0.0877618	0.666948	-1.49937
cg14878320	ZNF507;ZNF507	0.0158316	0.584086	0.920144	-1.08679	0.405595	1.13666	1.13666	0.588301	1.08576	1.08576	0.22389	0.825008	-1.21211	0.967881	0.993957	-1.00608
cg23401741	ZNF507;ZNF507	0.0255501	0.0126594	0.398629	-2.5086	0.321661	0.737975	-1.35506	0.108564	0.594846	-1.68111	0.643099	0.870682	-1.14853	0.00210908	0.277187	-3.60767
cg03115547	ZNF507;ZNF507	0.0340544	0.0622939	0.886398	-1.12816	0.131597	0.910706	-1.09805	0.467091	1.04344	1.04344	0.0487868	1.13805	1.13805	0.855669	0.989592	-1.01052
cg10735211	ZNF509	0.0296532	0.593329	0.904437	-1.10566	0.00198978	2.25597	2.25597	0.0561859	1.49628	1.49628	0.151863	0.751206	-1.33119	0.241436	0.795735	-1.2567
cg11829200	ZNF509	0.0426123	0.248423	0.635858	-1.57268	0.00509783	0.249316	-4.01098	0.314942	1.47692	1.47692	0.463437	0.755734	-1.32322	0.00624841	0.262544	-3.80889
cg02142461	ZNF509;LYAR;LYAR	0.0165698	0.0135357	0.321719	-3.10831	0.216388	0.617091	-1.62051	0.0386713	0.411219	-2.43179	0.420717	1.35697	1.35697	0.0266698	0.377338	-2.65015
cg24169562	ZNF509;LYAR;LYAR	0.0388835	0.268439	2.23756	2.23756	0.411655	1.79777	1.79777	0.192911	2.619	2.619	0.851183	0.877018	-1.14023	0.00171758	0.0438694	-22.795
cg13558954	ZNF510	0.0341559	0.109152	0.745376	-1.3416	0.0582938	0.697718	-1.43324	0.586803	0.911823	-1.0967	0.344228	0.848834	-1.17809	0.14552	0.768816	-1.3007
cg07449645	ZNF510;ZNF510	0.00493011	0.789234	1.07424	1.07424	0.842457	0.948196	-1.05463	0.172649	0.678428	-1.47399	0.932876	0.977733	-1.02277	0.65629	0.887155	-1.1272
cg15803506	ZNF511	0.00277145	0.538572	1.08118	1.08118	0.751243	1.04067	1.04067	0.325046	0.880392	-1.13586	0.0615611	0.767998	-1.30209	0.00145491	0.561878	-1.77974
cg20294962	ZNF511	0.044146	0.302676	0.711973	-1.40455	0.147072	0.609519	-1.64064	0.800229	1.08402	1.08402	0.922307	0.969439	-1.03152	0.000792012	0.199262	-5.01852
cg07338448	ZNF511	0.049224	0.848754	1.04139	1.04139	0.294207	0.793632	-1.26003	0.0826521	0.664751	-1.50432	0.811664	0.950552	-1.05202	0.00130445	0.36988	-2.70358

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05279149	0.980508	0.984907	-1.01532	0.133865	0.365544	-2.73565	0.00140089	0.0561091	-17.8224	0.43518	0.6092	-1.6415	4.95958	30.4358	5.45491	1
cg11115391	0.432054	1.16901	1.16901	0.517071	1.13647	1.13647	0.00125254	0.399411	-2.50369	0.619334	0.907071	-1.10245	4.41458	2.65184	0.533955	1
cg07063890	0.655979	1.2022	1.2022	0.00194876	6.0471	6.0471	0.121432	1.99308	1.99308	0.913987	1.04538	1.04538	3.96509	10.5942	2.37499	1
cg27245950	0.023852	0.61662	-1.62174	0.574585	1.10705	1.10705	0.679685	0.928254	-1.07729	0.276909	0.816457	-1.2248	3.85189	1.96156	0.452663	1
cg05495879	0.635129	1.12694	1.12694	0.158606	1.45751	1.45751	0.11611	0.652517	-1.53253	0.0701582	0.602838	-1.65882	10.9948	10.8829	0.879848	1
cg12432761	0.419651	0.917786	-1.08958	0.958787	1.00539	1.00539	0.0706867	1.23386	1.23386	0.272596	1.12615	1.12615	4.617	0.791567	0.152396	1
cg00711090	0.202221	0.793734	-1.25987	5.39E-05	0.274717	-3.64011	0.0104731	0.57534	-1.7381	0.198899	0.792225	-1.26227	10.6186	4.9503	0.414393	1
cg19811761	0.971276	0.996537	-1.00347	0.000443196	0.586128	-1.70611	0.0035649	0.683618	-1.46281	0.192088	1.14226	1.14226	9.02081	1.32579	0.13064	1
cg24713204	0.540009	0.906447	-1.10321	0.0124808	0.611331	-1.63577	0.884949	1.02319	1.02319	0.111688	1.31558	1.31558	4.73449	1.87954	0.352879	1
cg19358877	?	?	?	0.0216016	4.58294	4.58294	0.00109146	0.0700294	-14.2797	1.70E-05	0.00768211	-130.173	15.509	66.4856	4.2869	1
cg05008688	0.208146	1.12304	1.12304	1.16E-05	2.25297	2.25297	0.389523	0.925794	-1.08015	0.403609	1.07759	1.07759	16.4994	1.9979	0.107635	1
cg19083497	0.0357664	0.388219	-2.57586	0.00481461	0.234907	-4.257	0.049628	0.420055	-2.38064	0.0353132	0.387028	-2.58379	6.28269	14.9234	2.1114	1
cg20306025	0.027664	0.143561	-6.96567	0.00739307	0.0763055	-13.1052	0.0182422	0.118075	-8.4692	0.136325	0.302218	-3.30887	4.08179	35.9331	7.82513	1
cg08697180	0.073561	0.83762	-1.19386	0.00331856	1.42642	1.42642	0.512768	1.06073	1.06073	0.0710584	0.836015	-1.19615	36.4231	4.55097	0.111064	1
cg00711896	0.00375074	0.304262	-3.28664	0.000200055	0.149781	-6.67641	0.415531	1.28796	1.28796	0.00373057	0.303915	-3.2904	11.0008	16.1105	1.30177	1
cg16707600	0.516436	0.927248	-1.07846	0.0002794	0.505402	-1.97862	0.177846	0.848406	-1.17868	0.146292	1.19608	1.19608	9.88361	2.06347	0.185579	1
cg07421028	0.0522848	0.698936	-1.43075	0.270159	0.830004	-1.20481	0.175548	1.26333	1.26333	0.643152	1.07865	1.07865	8.88524	3.70574	0.370726	1
cg08959230	0.363893	1.25315	1.25315	0.344243	0.79008	-1.26569	0.82239	0.947078	-1.05588	0.032227	0.545212	-1.83415	6.96432	6.45141	0.823424	1
cg01392867	0.210958	1.47417	1.47417	0.317957	0.737899	-1.3552	0.0114022	2.54078	2.54078	0.101872	1.69428	1.69428	5.09938	7.00237	1.2206	1
cg16014085	0.274462	1.30951	1.30951	0.745404	1.08033	1.08033	0.0859819	1.56821	1.56821	0.00872348	2.2088	2.2088	4.74489	4.22596	0.791676	1
cg27480700	0.000886469	1.83286	1.83286	7.80E-05	0.4191	-2.38607	0.0279252	1.3716	1.3716	0.0136055	1.44969	1.44969	16.5901	3.88804	0.208319	1
cg00784263	0.121346	1.2089	1.2089	0.0290583	0.747819	-1.33722	0.00166919	0.601803	-1.66167	0.97608	1.00339	1.00339	5.96653	1.20561	0.179611	1
cg08282385	0.00472291	0.499123	-2.00351	0.0102636	0.549401	-1.82016	0.664078	0.922291	-1.08426	0.0338985	0.632237	-1.58169	5.32869	2.89243	0.482492	1
cg23275673	0.00137408	0.354211	-2.82317	0.547184	1.14591	1.14591	0.501236	1.16488	1.16488	0.644798	0.901418	-1.10936	3.75964	2.97647	0.703724	1
cg02612963	0.347249	1.17277	1.17277	0.00444292	0.535257	-1.86826	0.658021	0.92927	-1.07611	0.136536	1.30229	1.30229	5.84052	2.50816	0.381726	1
cg01294431	0.118646	0.59254	-1.68765	0.0267947	0.444636	-2.24903	0.173668	0.639413	-1.56393	0.428908	0.779195	-1.28338	4.9286	7.45046	1.34372	1
cg14646548	0.0261022	0.487812	-2.04997	0.00564	0.372388	-2.68537	0.0929714	0.604968	-1.65298	0.155693	0.661625	-1.51143	7.98746	9.3538	1.04094	1
cg14607955	8.15E-05	0.32606	-3.06692	0.327951	0.852753	-1.17267	0.530009	0.904518	-1.10556	0.0360228	0.680654	-1.46917	6.83148	2.69224	0.350305	1
cg10347635	0.0414586	1.47331	1.47331	0.00611306	0.554482	-1.80348	0.0294097	1.52615	1.52615	0.465869	0.884884	-1.13009	20.4949	8.81579	0.382352	1
cg09478103	0.00848907	1.59608	1.59608	0.00728316	1.61878	1.61878	0.0454023	1.37627	1.37627	0.741009	1.04724	1.04724	9.56376	2.93353	0.272652	1
cg12297409	0.00520936	0.477371	-2.09481	0.000511844	0.336836	-2.9688	0.0479944	0.635463	-1.57366	0.965765	1.00865	1.00865	7.29396	4.64752	0.566377	1
cg23633666	0.291209	0.760838	-1.31434	9.76E-05	0.177608	-5.63037	0.217466	1.38238	1.38238	0.67872	1.10954	1.10954	6.63611	6.54587	0.876802	1
cg25692323	0.0585336	0.516902	-1.9346	0.00238904	0.270626	-3.69514	0.00620861	0.332315	-3.0092	0.165393	0.633276	-1.57909	5.77025	8.71287	1.34219	1
cg03696346	0.0731806	1.38262	1.38262	0.159621	0.783752	-1.27591	0.0321626	1.50211	1.50211	0.0613003	1.40758	1.40758	4.97631	2.07196	0.370102	1
cg12743727	0.0199378	0.536293	-1.86465	0.01244	0.501647	-1.99343	0.380336	0.819072	-1.22089	0.378501	1.22188	1.22188	3.94454	3.07303	0.692497	1
cg04284122	0.042146	0.569682	-1.75536	0.00667731	0.429223	-2.32979	0.673132	1.10736	1.10736	0.439138	1.20882	1.20882	3.42633	3.13453	0.813187	1
cg18435900	?	?	?	?	?	?	?	?	?	?	?	?	84.6511	11.3112	0.200432	1
cg03570035	0.0403847	0.441697	-2.26399	0.00897079	0.317611	-3.14851	0.718256	0.882462	-1.13319	0.796942	1.09307	1.09307	10.3457	19.5157	1.67676	1
cg03126199	0.0647438	0.549104	-1.82115	0.0249051	0.462391	-2.16267	0.175624	1.51613	1.51613	0.0603448	0.542203	-1.84433	5.60056	7.40694	1.17559	1
cg25393574	0.567808	0.92307	-1.08334	0.00932852	1.57958	1.57958	0.00784384	1.6048	1.6048	0.406854	1.12483	1.12483	4.90562	1.4932	0.270565	1
cg00275362	0.0466548	0.302429	-3.30656	0.0268799	0.252543	-3.95973	0.852357	1.10275	1.10275	0.0602637	0.328752	-3.04181	4.17794	18.2357	3.87978	1
cg02427230	0.81164	0.956343	-1.04565	0.0557243	0.666763	-1.49978	0.6679	0.922469	-1.08405	0.273829	1.23728	1.23728	4.04732	2.24099	0.492175	1
cg17853779	0.0587927	1.87477	1.87477	7.44E-06	0.0547602	-18.2614	0.559299	1.18988	1.18988	0.304744	0.73129	-1.36745	16.1741	22.2092	1.22056	1
cg12291519	0.626587	1.12275	1.12275	0.219377	1.35662	1.35662	4.79E-06	11.8269	11.8269	0.0877531	0.640811	-1.56052	14.5732	12.8705	0.785032	1
cg26541587	0.575456	1.1124	1.1124	0.294339	1.22722	1.22722	1.07E-05	5.86563	5.86563	0.629519	1.09582	1.09582	11.3762	6.3853	0.498921	1
cg10610270	0.209436	0.89157	-1.12162	8.16E-05	0.539937	-1.85207	0.0217393	0.787419	-1.26997	0.0558017	1.20683	1.20683	9.11109	1.08612	0.105964	1
cg03401477	0.0421179	0.697722	-1.43324	0.256498	0.833555	-1.19968	0.258221	0.834151	-1.19882	0.0395007	0.69346	-1.44204	4.77805	1.78801	0.332634	1
cg09608028	0.339649	1.17385	1.17385	0.00633006	1.78423	1.78423	0.47506	1.12559	1.12559	0.508819	0.896588	-1.11534	4.52243	1.89995	0.373438	1
cg00585474	0.0195083	1.51366	1.51366	0.545548	0.914092	-1.09398	0.154398	1.25088	1.25088	0.0104167	1.6058	1.6058	4.28229	1.46226	0.303527	1
cg22361050	0.00199664	0.3501	-2.85633	0.162402	0.698555	-1.43153	0.332596	0.786309	-1.27176	0.345461	1.26327	1.26327	6.04889	5.5422	0.81443	1
cg10688514	0.0517702	0.802086	-1.24675	0.00110361	0.619267	-1.61481	0.570724	0.944509	-1.05875	0.00954608	0.721042	-1.38688	4.50114	0.707697	0.139756	1
cg08341667	0.00318249	0.54958	-1.81957	0.01359	0.635235	-1.57422	0.430229	0.887232	-1.1271	0.655472	1.06901	1.06901	3.95064	1.38172	0.310885	1
cg04388792	0.0420301	0.332943	-3.00352	0.748318	1.16313	1.16313	0.0280955	0.295953	-3.37891	0.0141427	4.14268	4.14268	7.53255	26.2875	3.10209	1
cg07931792	0.337409	0.4965	-2.0141	0.00491576	13.9856	13.9856	0.807468	1.18869	1.18869	0.0157659	8.1209	8.1209	4.79522	38.0648	7.05608	1
cg01871581	0.12631	0.351219	-2.84722	0.00981741	7.88545	7.88545	0.634728	1.3536	1.3536	0.011033	7.51499	7.51499	4.74311	30.0642	5.63423	1
cg06912922	0.180934	0.479102	-2.08724	0.575935	1.34008	1.34008	0.380035	1.59436	1.59436	0.150607	2.22127	2.22127	4.2157	17.9169	3.77781	1
cg15522939	0.924196	1.02863	1.02863	0.00127788	0.248255	-4.02811	0.57196	0.844166	-1.1846	0.00874691	0.371315	-2.69313	4.0811	5.68699	1.23866	1
cg12494124	0.0431605	0.711913	-1.40467	0.00142901	0.50982	-1.96148	0.0816217	1.32563	1.32563	0.102744	1.29791	1.29791	4.40712	1.4891	0.300342	1
cg04248439	6.53E-05	0.12372	-8.0828	0.00217016	3.40989	3.40989	0.0397199	1.96987	1.96987	0.10586	0.604362	-1.65464	13.6101	17.5203	1.14427	1
cg22912101	0.789712	0.950309	-1.05229	0.0112762	1.83167	1.83167	0.436451	1.16344	1.16344	0.0535106	1.51916	1.51916	5.20199	2.99564	0.511879	1
cg07805238	0.608256	1.08718	1.08718	0.00085879	0.445169	-2.24634	0.929092	1.01449	1.01449	0.218705	0.811272	-1.23263	4.70936	1.94958	0.367982	1
cg00492711	0.357873	0.916817	-1.09073	0.132254	0.861384	-1.16092	0.351503	1.09207	1.09207	0.0549083	1.22135	1.22135	3.57134	0.477209	0.118775	1
cg19526626	0.18699	0.790563	-1.26492	0.0183455	0.618235	-1.61751	0.0399052	1.49045	1.49045	0.0997439	1.35406	1.35406	3.80604	1.7018	0.39745	1
cg14258645	2.29E-08	0.129216	-7.73895	0.000870983	1.63226	1.63226	0.0181344	0.754665	-1.32509	5.31E-06	0.36343	-2.75156	177.225	27.0115	0.135479	1
cg00832635	5.35E-07	0.112623	-8.87917	0.0024088	1.93936	1.93936	0.732828	1.05516	1.05516	5.34E-05	0.306863	-3.25878	65.2804	25.386	0.345668	1
cg08271804	0.000137605	2.23714	2.23714	0.278122	0.871317	-1.14769	0.353059	1.1238	1.1238	2.18E-07	6.7617	6.7617	41.9517	9.91224	0.210024	1
cg06748831	0.0137213	0.418701	-2.38834	8.28E-05	0.131959	-7.57809	0.00129491	3.8155	3.8155	0.244676	1.4158	1.4158	12.9759	16.7738	1.14905	1
cg24889512	0.0302922	1.5929	1.5929	0.470436	0.874393	-1.14365	0.755471	1.05877	1.05877	0.00123189	2.37212	2.37212	5.74305	3.03954	0.47045	1
cg05241461	0.00074201	25.5546	25.5546	0.145691	0.37218	-2.68687	0.679541	1.30059	1.30059	0.00808738	8.5501	8.5501	5.15463	32.6818	5.6358	1
cg18599790	0.018391	0.711515	-1.40545	0.977627	0.996669	-1.00334	0.122899	1.22004	1.22004	0.00587697	1.53563	1.53563	3.42511	0.768024	0.199319	1
cg19023258	0.658675	1.08587	1.08587	0.0169041	1.71603	1.71603	0.647975	0.918339	-1.08892	0.4406	0.86438	-1.1569	9.44806	5.13886	0.483472	1
cg08644285	0.00572608	0.689143	-1.45108	0.000916793	1.66392	1.66392	0.0724421	1.22877	1.22877	0.000421829	0.563127	-1.7758	16.7531	2.80269	0.148706	1
cg18099306	0.0508472	0.267632	-3.73648	0.00106275	0.0568602	-17.587	0.0787926	0.314551	-3.17913	0.0345504	0.23214	-4.30775	6.43881	35.8021	4.94254	1
cg01331335	0.803951	0.951313	-1.05118	0.714693	0.928972	-1.07646	0.21134	1.30245	1.30245	0.666266	0.916611	-1.09097	6.43779	4.10592	0.566919	1
cg03109229	0.056358	0.70729	-1.41385	0.00023782	0.376966	-2.65276	0.073899	1.37614	1.37614	0.0542072	0.704555	-1.41933	24.9195	10.1385	0.361646	1
cg11164537	0.0930022	0.728562	-1.37257	0.481779	1.13034	1.13034	0.965075	1.00753	1.00753	0.0209139	0.621117	-1.61	18.3819	8.54885	0.413394	1
cg12753558	0.148819	1.20792	1.20792	0.0897993	1.25628	1.25628	0.00313487	0.610949	-1.6368	0.00603888	0.645605	-1.54894	18.0661	4.25878	0.209541	1
cg03864005	0.00160753	0.252223	-3.96474	4.06E-05	0.0920918	-10.8587	0.974316	0.990246	-1.00985	0.00261281	0.281054	-3.55803	16.9896	24.9446	1.30509	1
cg25061864	0.000209597	0.173511	-5.76332	0.000266362	0.184388	-5.42334	0.906282	0.967282	-1.03383	0.000513903	0.216233	-4.62463	13.5507	17.1216	1.12313	1
cg23616126	0.207219	1.17493	1.17493	0.0562834	1.29951	1.29951	0.553975	0.930012	-1.07526	0.107131	0.808018	-1.2376	6.83415	1.59002	0.206808	1
cg13911707	0.0996085	0.563846	-1.77354	0.0333826	0.454171	-2.20181	0.0937638	0.557066	-1.79512	0.371821	0.747441	-1.3379	5.67067	9.05176	1.41888	1
cg22367492	0.639196	0.929148	-1.07625	0.707088	0.942944	-1.06051	0.00159114	0.493982	-2.02436	0.813351	0.96386	-1.0375	3.47696	1.33374	0.340973	1
cg12133425	0.064554	0.682932	-1.46427	6.92E-05	0.263071	-3.80126	0.0624439	0.680344	-1.46985	0.0450871	0.655528	-1.52549	9.61301	5.13617	0.474927	1
cg05644518	0.155263	0.800635	-1.24901	0.000208736	0.403666	-2.4773	0.584439	1.0841	1.0841	0.800847	0.96372	-1.03765	19.9401	6.75048	0.300923	1
cg11278260	0.000108163	0.230483	-4.33871	0.730556	1.07718	1.07718	0.86491	0.964043	-1.0373	0.104505	0.682755	-1.46465	16.3871	12.0034	0.651104	1
cg22591384	0.0297849	0.732088	-1.36596	0.0101167	0.673229	-1.48538	0.17266	1.19362	1.19362	0.0093313	1.49498	1.49498	10.1357	2.38722	0.209357	1
cg08504662	0.171442	1.61021	1.61021	0.000295573	6.87817	6.87817	0.0045088	3.45042	3.45042	0.227349	1.51382	1.51382	6.50574	11.0291	1.50693	1
cg09573809	0.130967	0.691617	-1.44589	0.00189295	0.369546	-2.70602	0.588975	1.13127	1.13127	0.957773	1.01204	1.01204	6.06439	4.91016	0.719708	1
cg27482856	0.983396	0.99868	-1.00132	0.21672	0.920821	-1.08599	0.405126	1.05554	1.05554	0.203819	1.08884	1.08884	6.76792	0.431696	0.0566983	1
cg26553682	0.000831814	0.701105	-1.42632	0.00167816	0.728295	-1.37307	0.676841	0.97085	-1.03003	0.809747	1.01717	1.01717	6.55135	0.516904	0.0701336	1
cg07375256	0.706044	0.908368	-1.10088	0.506823	1.18627	1.18627	0.581689	1.15157	1.15157	0.126974	0.657936	-1.51991	6.50015	6.62253	0.905624	1
cg21532378	0.141705	0.440049	-2.27247	0.000448668	0.0464433	-21.5316	0.269044	0.551547	-1.81308	0.954716	0.971249	-1.0296	5.64957	23.1159	3.18238	1
cg23836139	0.000862944	0.365186	-2.73833	0.0833786	0.679777	-1.47107	0.701675	0.925415	-1.0806	0.634162	1.10136	1.10136	4.29881	2.7614	0.57099	1
cg26770475	0.30285	1.3038	1.3038	0.00207482	0.340411	-2.93762	0.794434	1.06706	1.06706	0.319818	1.29113	1.29113	3.98947	3.90353	0.869742	1
cg16459391	0.0011142	0.381978	-2.61795	0.202478	1.30952	1.30952	0.52257	0.878213	-1.13868	0.267783	0.793471	-1.26029	3.65257	2.32322	0.565379	1
cg18349022	0.666125	0.938684	-1.06532	0.024322	1.47884	1.47884	0.289778	1.1737	1.1737	0.00489598	0.580677	-1.72213	3.46315	1.16542	0.299129	1
cg16755475	0.00209164	0.414682	-2.41149	1.05E-05	0.14738	-6.78518	0.251899	0.783998	-1.27551	0.0140631	0.539916	-1.85214	26.595	17.4106	0.581919	1
cg03649125	0.00277275	0.492637	-2.02989	0.0493827	1.46938	1.46938	0.864069	1.02984	1.02984	0.00385681	0.512689	-1.9505	14.145	6.59601	0.414501	1
cg10059378	0.245809	1.0588	1.0588	0.00572894	0.843252	-1.18589	0.0728791	1.09875	1.09875	0.105711	1.08674	1.08674	12.2502	0.429833	0.0311891	1
cg09338875	0.201015	0.588063	-1.7005	0.00185644	0.176126	-5.67775	0.12254	1.93066	1.93066	0.0882526	0.477355	-2.09488	6.04514	14.7979	2.17591	1
cg02888113	0.0624082	0.346133	-2.88906	0.0024807	0.119135	-8.39385	0.354726	0.617792	-1.61867	0.0245844	0.258114	-3.87425	5.49979	22.2884	3.6023	1
cg10274950	0.0749283	0.71432	-1.39993	0.026901	0.641106	-1.55981	0.542999	1.11008	1.11008	0.114261	0.747225	-1.33828	5.45736	2.48668	0.405029	1
cg11422964	0.0310405	0.730018	-1.36983	0.0017396	1.74205	1.74205	0.904937	1.01496	1.01496	0.70672	0.954099	-1.04811	5.28537	1.2935	0.217539	1
cg26468049	0.277312	0.678284	-1.47431	0.340234	1.40171	1.40171	0.0282795	2.43456	2.43456	0.207145	1.57943	1.57943	5.35425	8.89806	1.66187	1
cg16681355	0.267726	0.741976	-1.34775	0.00140716	0.302617	-3.30451	0.0527565	0.566013	-1.76674	0.788286	1.07205	1.07205	3.88627	4.11272	0.940683	1
cg07669455	0.0597192	0.360065	-2.77727	?	?	?	0.575254	0.787504	-1.26983	0.0158562	0.206712	-4.83766	6.29591	11.7513	1.06657	1
cg15131977	0.0306693	1.23521	1.23521	0.00926531	1.31618	1.31618	0.301004	0.914698	-1.09326	0.00768738	1.32973	1.32973	11.3648	1.24593	0.0974494	1
cg02073558	0.00249067	0.373308	-2.67875	0.288744	0.781927	-1.27889	0.0765312	1.56036	1.56036	0.32284	0.796181	-1.256	10.5165	8.04257	0.594809	1
cg17913259	0.778359	0.8517	-1.17412	0.000445031	0.0427326	-23.4013	0.872258	1.09586	1.09586	0.420029	1.59788	1.59788	4.74313	24.3105	4.55592	1
cg25574812	0.438201	1.15267	1.15267	0.00194148	0.454871	-2.19843	0.0684875	1.44261	1.44261	0.0830669	1.4117	1.4117	3.87602	1.98189	0.454509	1
cg04389838	0.00826198	0.436108	-2.29301	0.0278752	0.528083	-1.89364	0.0287058	0.53047	-1.88512	0.85317	1.04657	1.04657	3.52231	3.36773	0.849877	1
cg13919821	0.420321	1.10085	1.10085	2.34E-06	0.261326	-3.82664	0.579495	1.0675	1.0675	0.000247633	2.02611	2.02611	39.8009	8.58464	0.191724	1
cg14768256	0.00110478	0.276406	-3.61786	0.00012756	0.168283	-5.94237	0.00124152	0.283113	-3.53215	0.0632278	0.57198	-1.74831	18.838	21.3325	1.00659	1
cg15687855	0.607431	0.946181	-1.05688	0.0138335	0.722696	-1.38371	0.369409	1.10342	1.10342	0.00666372	1.45621	1.45621	5.19515	0.937762	0.160451	1
cg10263370	0.523928	1.1411	1.1411	0.0848859	0.677459	-1.47611	0.73061	0.931799	-1.07319	0.735035	1.07189	1.07189	5.14808	3.40551	0.588011	1
cg24437311	0.4799	0.78027	-1.28161	0.00132577	0.199262	-5.01852	0.00535718	0.281644	-3.55058	0.367164	0.72611	-1.3772	4.69307	8.87173	1.68035	1
cg15584792	0.7908	0.933738	-1.07096	0.195112	1.42387	1.42387	0.0906768	1.61714	1.61714	0.299228	1.31975	1.31975	4.3629	4.59481	0.936138	1
cg13997975	0.062317	0.33245	-3.00797	0.0008664	0.0725415	-13.7852	0.00127227	0.084832	-11.788	0.17261	0.466807	-2.14221	11.7004	51.0464	3.87803	1
cg03487027	0.00523172	0.169	-5.91718	0.000755937	0.0850215	-11.7617	0.00292819	0.1391	-7.18908	0.0966719	0.414719	-2.41127	9.86465	36.3908	3.27912	1
cg25561913	0.220153	1.15096	1.15096	0.00481747	0.665057	-1.50363	0.0931584	0.817561	-1.22315	0.859872	1.01946	1.01946	4.79471	0.903178	0.16744	1
cg15437133	0.301534	0.913093	-1.09518	0.000858385	0.653636	-1.5299	0.411097	1.074	1.074	0.613221	1.04425	1.04425	4.41385	0.504322	0.101564	1
cg04070211	0.00293354	0.468069	-2.13644	0.00584173	0.511435	-1.95528	0.0443405	0.651079	-1.53591	0.209494	0.782114	-1.27859	28.6251	15.65	0.485977	1
cg08339762	0.716471	1.0676	1.0676	0.465259	0.875223	-1.14257	0.125891	1.34582	1.34582	0.445274	0.869752	-1.14975	4.22854	2.15395	0.452785	1
cg10837488	0.273178	0.87247	-1.14617	0.569746	1.07114	1.07114	0.11558	1.22708	1.22708	0.21569	0.855658	-1.16869	3.99128	0.904669	0.201477	1
cg22094706	0.492795	0.902376	-1.10819	0.0148419	1.55578	1.55578	0.0265434	1.47367	1.47367	0.398582	1.13593	1.13593	3.45424	1.18979	0.306171	1
cg00090338	0.0039593	0.295772	-3.38099	8.76E-06	0.0481176	-20.7824	0.0962765	0.563225	-1.77549	0.418416	0.771117	-1.29682	16.5717	25.9341	1.39108	1
cg14269605	0.498489	1.13113	1.13113	0.18998	1.28263	1.28263	0.0132997	1.7333	1.7333	0.012088	0.570597	-1.75255	9.60391	4.89076	0.452664	1
cg03685817	0.954811	0.989596	-1.01051	0.00192975	2.24779	2.24779	0.695845	1.0752	1.0752	0.66119	1.0848	1.0848	8.91336	4.80841	0.479521	1
cg15525934	0.00149583	0.478232	-2.09104	0.38669	1.15371	1.15371	0.293929	0.839108	-1.19174	0.0110661	0.598458	-1.67096	7.36073	3.02678	0.365516	1
cg16662424	0.838025	0.956959	-1.04498	0.30152	0.794474	-1.2587	0.332124	1.23993	1.23993	0.249106	1.29553	1.29553	5.99418	4.38571	0.650365	1
cg14878320	0.0889359	1.32637	1.32637	0.00372421	0.554426	-1.80367	0.299191	0.850454	-1.17584	0.00192625	0.516393	-1.93651	5.08886	1.82665	0.319067	1
cg23401741	0.762652	1.09405	1.09405	0.114809	0.601147	-1.66349	0.493732	1.22907	1.22907	0.0195044	0.432646	-2.31136	4.32434	6.03173	1.23985	1
cg03115547	0.441342	0.955886	-1.04615	0.0434735	0.87509	-1.14274	0.0621687	1.12824	1.12824	0.0289759	1.15945	1.15945	3.90559	0.204261	0.0464886	1
cg10735211	0.245283	0.79735	-1.25415	0.153502	1.32946	1.32946	0.854258	0.966316	-1.03486	0.553517	1.11816	1.11816	4.10373	2.25677	0.488828	1
cg11829200	0.0835334	0.48733	-2.052	0.163267	0.572112	-1.74791	0.494596	0.770835	-1.29729	0.197825	0.600012	-1.66663	3.59795	8.02497	1.9826	1
cg02142461	0.41116	0.732085	-1.36596	0.000890423	0.157712	-6.34066	0.121234	0.536065	-1.86544	0.103944	0.516974	-1.93433	5.01222	10.9316	1.93865	1
cg24169562	?	?	?	0.32137	2.04591	2.04591	0.96121	0.966589	-1.03457	0.470359	1.67051	1.67051	3.78057	25.9838	6.87299	1
cg13558954	0.228022	0.80828	-1.2372	0.00275418	2.00345	2.00345	0.273453	0.825542	-1.21133	0.868775	0.972569	-1.02821	3.9014	1.74845	0.398364	1
cg07449645	0.160756	0.669998	-1.49254	5.10E-05	0.131563	-7.60093	0.611127	1.14691	1.14691	0.695171	0.900082	-1.11101	7.37018	8.34092	1.00597	1
cg15803506	0.129522	0.814394	-1.22791	0.00029375	2.09489	2.09489	0.981435	0.997088	-1.00292	0.106535	0.80179	-1.24721	8.76149	2.18035	0.221205	1
cg20294962	0.963506	0.985548	-1.01466	0.274913	0.69668	-1.43538	0.560073	0.829041	-1.20621	0.128093	0.592506	-1.68775	3.55087	5.69323	1.42518	1
cg07338448	0.803964	0.948535	-1.05426	0.985563	0.996163	-1.00385	0.632781	0.902786	-1.10768	0.0466079	0.616251	-1.62271	3.40832	2.43633	0.635395	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09435798	ZNF511;TUBGCP2	0.0019242	0.0433926	0.62355	-1.60372	0.833869	0.958196	-1.04363	0.119396	1.41001	1.41001	0.00854724	0.50552	-1.97816	0.000219546	3.49822	3.49822
cg03290677	ZNF511;TUBGCP2	0.00237273	0.0812289	0.671876	-1.48837	0.105038	0.694601	-1.43968	0.141196	1.3848	1.3848	0.947098	1.01375	1.01375	6.70E-05	4.49367	4.49367
cg13178511	ZNF511;TUBGCP2	0.00916124	0.0119917	0.494737	-2.02128	0.863815	1.0393	1.0393	0.714075	0.920695	-1.08614	0.934615	0.981745	-1.01859	0.00135856	2.84123	2.84123
cg13587533	ZNF511;TUBGCP2	0.0317679	0.192556	0.636361	-1.57144	0.514803	0.805357	-1.24169	0.363543	1.35802	1.35802	0.581483	1.20016	1.20016	0.300668	1.42116	1.42116
cg15220194	ZNF511;TUBGCP2	0.0328841	0.1377	0.650864	-1.53642	0.875457	1.04304	1.04304	0.944019	0.981311	-1.01905	0.497258	0.83098	-1.2034	0.00729306	2.53351	2.53351
cg19126377	ZNF511;TUBGCP2	0.0330485	0.586639	1.18934	1.18934	0.422969	0.772207	-1.29499	0.796218	0.921512	-1.08517	0.985271	0.994187	-1.00585	0.00460457	3.2906	3.2906
cg23081670	ZNF511;TUBGCP2	0.0356839	0.564369	1.37904	1.37904	0.0931355	0.361015	-2.76996	0.0650992	3.13411	3.13411	0.0450314	3.55602	3.55602	0.310027	1.78499	1.78499
cg19495428	ZNF511;TUBGCP2	0.038865	0.97387	1.02553	1.02553	0.877911	0.88842	-1.12559	0.944282	0.947628	-1.05527	0.0637953	0.201162	-4.97112	0.00211813	0.0359701	-27.8008
cg12642705	ZNF511;TUBGCP2	0.0400523	0.685143	1.05597	1.05597	0.0249568	1.42825	1.42825	0.0567591	1.33388	1.33388	0.67484	0.945189	-1.05799	0.0174053	0.679199	-1.47232
cg04151012	ZNF512	0.000758963	0.00272274	0.195775	-5.10789	4.35E-05	0.0393392	-25.42	0.0300784	0.376016	-2.65946	0.223001	0.617477	-1.61949	?	?	?
cg20822448	ZNF512	0.002197	0.255716	1.85252	1.85252	0.148339	2.2382	2.2382	0.612515	1.30396	1.30396	4.60E-05	0.0183097	-54.616	0.969231	1.02025	1.02025
cg18883643	ZNF512	0.00575979	0.764014	0.955134	-1.04697	0.0156503	0.636507	-1.57107	0.266807	0.838293	-1.1929	0.215818	0.819874	-1.2197	0.369048	0.868789	-1.15103
cg18611281	ZNF512	0.0173	0.224715	0.893119	-1.11967	0.000634339	1.59238	1.59238	0.0434798	1.22851	1.22851	0.062175	1.20455	1.20455	0.95842	0.995389	-1.00463
cg02071175	ZNF512	0.0240644	0.492029	1.16979	1.16979	0.0618105	0.623327	-1.60429	0.280426	0.777134	-1.28678	0.317165	1.2616	1.2616	?	?	?
cg14392163	ZNF512	0.0306972	0.0502637	0.723926	-1.38136	0.677724	0.941298	-1.06236	0.0213672	0.670092	-1.49233	0.421547	0.887938	-1.1262	0.00494216	0.583411	-1.71406
cg21495772	ZNF512;C2orf16;C2orf16	0.00597272	0.313317	1.43019	1.43019	0.0301133	0.416841	-2.399	0.0203829	0.383242	-2.60932	0.0617866	0.485911	-2.05799	0.000845976	0.178791	-5.59312
cg26760212	ZNF512B	0.0296463	0.341209	0.8483	-1.17883	0.399873	1.15553	1.15553	0.140686	1.30451	1.30451	0.241735	1.2282	1.2282	0.0164885	0.611727	-1.63472
cg06978388	ZNF512B	0.0301523	0.0227457	0.656908	-1.52228	0.223791	1.21774	1.21774	0.0442661	1.42784	1.42784	0.622086	0.926281	-1.07959	0.0563582	0.716738	-1.39521
cg06894146	ZNF512B	0.0327382	0.0594643	0.46859	-2.13406	0.0633551	0.475216	-2.1043	0.0902096	0.514107	-1.94512	0.251681	0.652658	-1.5322	0.000987023	0.1747	-5.7241
cg23349402	ZNF513	3.07E-06	0.0103033	0.63464	-1.5757	0.0346259	1.4078	1.4078	0.354733	0.87847	-1.13834	7.89E-06	0.218873	-4.56886	1.39E-07	0.0640582	-15.6108
cg07024996	ZNF513	0.000379114	5.79E-06	0.0800189	-12.497	0.0808837	0.619265	-1.61482	0.707072	1.09797	1.09797	0.414453	1.22941	1.22941	0.116603	0.655653	-1.5252
cg12886580	ZNF513	0.00517568	0.000987088	0.155903	-6.41424	0.589564	1.22965	1.22965	0.163998	1.75718	1.75718	0.454283	1.33552	1.33552	0.01625	0.327717	-3.05142
cg16548254	ZNF513	0.00607672	0.000658578	0.264087	-3.78663	0.401525	0.803253	-1.24494	0.381698	1.25725	1.25725	0.753609	0.922799	-1.08366	0.00193667	0.32657	-3.06213
cg12055316	ZNF513	0.0241961	0.00368774	0.614873	-1.62635	0.356143	1.12481	1.12481	0.419011	0.902738	-1.10774	0.0312731	1.36768	1.36768	0.378343	1.11851	1.11851
cg24655222	ZNF513	0.0272838	0.00339886	0.0829562	-12.0546	0.270135	2.05009	2.05009	0.785689	0.843327	-1.18578	0.637745	0.743406	-1.34516	0.0619353	0.268688	-3.72179
cg00719165	ZNF513	0.0358604	0.0313369	1.43896	1.43896	0.952807	0.991508	-1.00856	0.00635648	1.66835	1.66835	0.037886	1.41466	1.41466	0.332226	1.15505	1.15505
cg01373369	ZNF513	0.0368015	0.00342928	2.75516	2.75516	0.111708	1.55519	1.55519	0.0722774	1.66754	1.66754	0.496397	1.1925	1.1925	0.977538	0.992848	-1.0072
cg21872543	ZNF513	0.0421486	0.710213	0.926617	-1.07919	0.923599	0.980603	-1.01978	0.827872	0.956509	-1.04547	0.00219394	0.416036	-2.40364	0.262295	0.78767	-1.26957
cg03560036	ZNF514	0.000201769	0.110503	0.788315	-1.26853	0.338376	0.873739	-1.14451	0.237096	0.844167	-1.1846	7.65E-06	0.260733	-3.83534	0.00153873	0.536221	-1.8649
cg18793806	ZNF514	0.00508734	0.119401	0.535101	-1.86881	0.104838	1.9268	1.9268	0.00846044	3.46935	3.46935	0.00932708	3.388	3.388	0.0336373	0.399244	-2.50474
cg00459795	ZNF514	0.00754111	0.536425	0.880966	-1.13512	0.948767	1.01309	1.01309	0.0337483	1.65191	1.65191	0.000827463	0.360836	-2.77134	0.00856922	0.507184	-1.97167
cg08470759	ZNF514	0.0165149	0.529658	0.920761	-1.08606	0.936331	0.989695	-1.01041	0.0174137	1.45551	1.45551	0.111931	0.798973	-1.25161	0.000875765	0.523613	-1.90981
cg09918605	ZNF514	0.0204564	0.835639	1.04941	1.04941	0.243798	1.32724	1.32724	0.00359252	2.49767	2.49767	0.912751	0.974877	-1.02577	0.719769	1.08723	1.08723
cg25103172	ZNF514	0.0465457	0.50958	1.05938	1.05938	0.0452347	1.21907	1.21907	0.274635	0.906638	-1.10298	0.179969	1.13065	1.13065	0.00614803	1.36101	1.36101
cg02292364	ZNF514	0.0493	0.700182	0.811273	-1.23263	0.0267322	0.241991	-4.13238	0.555472	1.38036	1.38036	0.0758977	2.90891	2.90891	0.141527	2.35024	2.35024
cg18572343	ZNF516	0.00203525	0.524788	1.19162	1.19162	0.03016	0.499816	-2.00073	0.000567749	0.233996	-4.27357	0.881518	1.0414	1.0414	0.351313	1.29814	1.29814
cg15491120	ZNF516	0.00244571	0.00961447	0.401904	-2.48816	0.0262836	0.480512	-2.08111	0.00340293	0.330522	-3.02551	0.699188	1.11403	1.11403	0.000197	0.175487	-5.69841
cg13049398	ZNF516	0.00332621	0.00584194	0.150148	-6.66008	0.00253178	0.11058	-9.04319	0.00595528	0.151175	-6.61486	0.108181	0.398193	-2.51134	0.012791	0.196955	-5.07731
cg14936460	ZNF516	0.00373496	0.0118594	1.46341	1.46341	0.00240673	1.66937	1.66937	0.132398	0.821333	-1.21753	0.000527312	1.92438	1.92438	0.221059	1.16874	1.16874
cg23483081	ZNF516	0.00443122	0.00668343	0.756274	-1.32227	0.313848	0.920626	-1.08622	0.0295995	0.815996	-1.2255	0.0250921	0.809326	-1.2356	0.111443	1.14758	1.14758
cg13213527	ZNF516	0.00454113	0.383654	0.890458	-1.12302	0.0175847	1.45528	1.45528	0.517227	0.918257	-1.08902	0.589565	1.0733	1.0733	0.000187963	0.441178	-2.26666
cg16619858	ZNF516	0.00575634	0.013732	0.519774	-1.92391	0.735514	0.929772	-1.07553	0.052719	0.623155	-1.60474	0.165166	0.727633	-1.37432	0.00315639	0.420473	-2.37828
cg04834825	ZNF516	0.00651152	0.0230952	0.442632	-2.25921	0.00863379	0.3662	-2.73075	0.1194	0.602309	-1.66028	0.876889	0.954556	-1.04761	0.000644761	0.207904	-4.8099
cg09174205	ZNF516	0.00738312	0.0281912	0.82506	-1.21203	0.0405294	1.19186	1.19186	0.709201	0.972587	-1.02819	0.176675	1.11245	1.11245	0.00330908	0.743155	-1.34561
cg24530271	ZNF516	0.0267994	0.0103157	0.635064	-1.57465	0.151708	1.24082	1.24082	0.677747	1.06046	1.06046	0.997356	0.999535	-1.00047	0.0418171	0.719224	-1.39039
cg25872816	ZNF516	0.0273339	0.439122	1.17519	1.17519	0.27604	1.26087	1.26087	0.0710728	1.5106	1.5106	0.0940131	0.686137	-1.45744	0.00255983	2.35325	2.35325
cg20132820	ZNF516	0.028947	0.175294	0.668218	-1.49652	0.116342	0.620474	-1.61167	0.0388822	0.512316	-1.95192	0.254983	0.717193	-1.39433	0.0921164	0.595374	-1.67962
cg21134182	ZNF516	0.033437	0.52668	1.29842	1.29842	0.00531976	4.45957	4.45957	0.00803958	3.98428	3.98428	0.118219	1.99481	1.99481	0.0724511	2.26145	2.26145
cg01018286	ZNF516	0.0371237	0.104207	0.401016	-2.49366	0.97116	0.981574	-1.01877	0.132104	0.433426	-2.3072	0.542845	1.3728	1.3728	0.00250019	0.115254	-8.67651
cg20429104	ZNF516	0.0420213	0.850388	0.943413	-1.05998	0.0563332	1.94766	1.94766	0.317673	0.727146	-1.37524	0.0833783	0.553641	-1.80622	0.0129837	0.386353	-2.58831
cg00154455	ZNF517	0.000237791	0.000134194	0.152314	-6.56537	0.0046288	2.91989	2.91989	0.0179386	0.441281	-2.26613	0.0125712	0.413641	-2.41756	4.45E-05	0.11088	-9.01878
cg06459454	ZNF517	0.000813092	0.471567	0.875416	-1.14231	0.7944	1.04859	1.04859	0.0363204	1.55608	1.55608	0.103507	0.723603	-1.38197	0.00557814	0.516132	-1.93749
cg19354255	ZNF517	0.0132946	0.338011	0.887348	-1.12695	0.441928	1.09953	1.09953	0.224732	0.857005	-1.16685	0.290537	1.14195	1.14195	0.077241	0.788428	-1.26835
cg19589903	ZNF517	0.0134459	0.852827	1.03545	1.03545	0.0383952	1.56839	1.56839	0.0286223	0.616075	-1.62318	0.0182735	1.71147	1.71147	0.843301	0.963554	-1.03782
cg12270520	ZNF517	0.0295175	0.654923	1.23638	1.23638	0.174039	2.00582	2.00582	0.354692	1.57251	1.57251	0.0199205	0.241689	-4.13755	0.00325149	0.118645	-8.42847
cg20427983	ZNF518A	0.000885622	0.000804686	0.308967	-3.23659	0.000321597	0.258799	-3.864	0.00132455	0.338058	-2.95808	0.00877839	0.460649	-2.17085	0.00203073	0.364031	-2.74702
cg08749418	ZNF518A	0.00139514	0.210243	0.706442	-1.41554	0.0245926	0.494281	-2.02314	0.00319793	0.346684	-2.88448	0.0087026	0.414795	-2.41083	9.09E-05	0.158613	-6.30465
cg17303833	ZNF518A	0.0018141	0.00378145	2.38437	2.38437	0.200036	1.35128	1.35128	0.0548982	0.61622	-1.6228	0.00147776	2.77356	2.77356	0.0746081	0.642949	-1.55533
cg16289751	ZNF518A	0.00393535	0.00128911	0.352007	-2.84085	0.217725	0.74928	-1.33461	0.00395748	0.422021	-2.36955	0.472307	1.17672	1.17672	0.0556143	0.617047	-1.62062
cg06658147	ZNF518A	0.0119989	0.178864	0.616714	-1.6215	0.00285456	4.01275	4.01275	0.476462	1.27767	1.27767	0.0130309	2.83668	2.83668	0.81941	1.08047	1.08047
cg01457986	ZNF518A;ZNF518A	0.00154701	0.000605197	0.571606	-1.74946	0.000992047	0.595973	-1.67793	0.0910987	0.821292	-1.21759	0.0828584	0.816141	-1.22528	0.120387	0.836762	-1.19508
cg07677997	ZNF518A;ZNF518A	0.0371772	0.384074	0.902814	-1.10765	0.0446332	1.30228	1.30228	0.707451	0.957732	-1.04413	0.768957	0.96682	-1.03432	0.0388285	0.76031	-1.31525
cg12016437	ZNF518B	1.58E-07	0.00218767	1.36848	1.36848	1.99E-07	3.17483	3.17483	0.381537	1.06772	1.06772	0.00697033	0.775053	-1.29024	0.528039	1.04778	1.04778
cg10334767	ZNF518B	2.26E-06	0.183922	0.885744	-1.12899	0.00564336	1.36702	1.36702	0.880331	1.01305	1.01305	0.152011	1.1412	1.1412	0.717296	1.03179	1.03179
cg13542964	ZNF518B	1.81E-05	0.872702	0.968754	-1.03225	0.752098	1.06474	1.06474	0.766324	0.942707	-1.06078	0.36639	1.20166	1.20166	0.771478	0.943977	-1.05935
cg17524637	ZNF518B	1.87E-05	0.82797	1.04242	1.04242	0.00203702	2.29395	2.29395	0.0822939	0.692479	-1.44409	0.66507	0.920205	-1.08671	0.922168	0.981515	-1.01883
cg04673825	ZNF518B	1.95E-05	0.0456511	1.42105	1.42105	8.08E-05	2.97625	2.97625	0.647699	0.93188	-1.0731	0.810316	0.963799	-1.03756	0.296686	1.18047	1.18047
cg25112312	ZNF518B	3.24E-05	2.53E-05	4.45006	4.45006	0.149928	1.31728	1.31728	0.00151036	2.26144	2.26144	0.0292465	0.63218	-1.58183	0.00683684	0.535026	-1.86907
cg09534159	ZNF518B	8.22E-05	0.8019	0.96517	-1.03609	0.281735	1.17088	1.17088	0.436144	0.894014	-1.11855	0.734332	0.953099	-1.04921	0.699927	0.94685	-1.05613
cg21099470	ZNF518B	0.000249487	0.0910927	1.26104	1.26104	0.00213092	1.71235	1.71235	0.97471	1.00396	1.00396	0.933633	1.01043	1.01043	0.302971	1.14222	1.14222
cg01096266	ZNF518B	0.000253037	0.00359461	0.474039	-2.10953	0.000597942	2.72612	2.72612	0.140907	1.34965	1.34965	0.041828	0.641368	-1.55917	0.00235537	2.23308	2.23308
cg18795809	ZNF518B	0.000926464	0.990207	1.00536	1.00536	0.192353	1.82338	1.82338	0.114372	0.473512	-2.11188	0.445228	0.712647	-1.40322	0.738071	0.864069	-1.15731
cg11197905	ZNF518B	0.000963866	0.337164	1.22209	1.22209	0.776087	1.0595	1.0595	0.00510575	2.11703	2.11703	0.742436	0.935344	-1.06913	0.251891	1.27457	1.27457
cg20332195	ZNF518B	0.0018372	0.0147633	3.51306	3.51306	0.00921995	3.99157	3.99157	0.0901828	2.18588	2.18588	0.179025	0.550022	-1.81811	0.00252828	5.7867	5.7867
cg16295725	ZNF518B	0.00530708	0.225225	4.38985	4.38985	0.0308373	19.0079	19.0079	0.0631437	11.3292	11.3292	0.551558	2.01298	2.01298	0.0201896	0.0386372	-25.8818
cg20417115	ZNF518B	0.00532988	0.147041	1.2809	1.2809	0.00162953	2.05053	2.05053	0.349641	1.16552	1.16552	0.137783	0.7755	-1.28949	0.0150524	1.60858	1.60858
cg11578055	ZNF518B	0.00547625	0.587524	0.889018	-1.12484	0.168655	0.72975	-1.37033	0.781984	1.0614	1.0614	0.32123	0.802417	-1.24623	0.309896	1.2532	1.2532
cg23995914	ZNF518B	0.00721782	0.346965	1.90217	1.90217	0.0482274	4.47651	4.47651	0.0633517	4.00012	4.00012	0.875729	0.901309	-1.1095	0.184206	0.392489	-2.54784
cg00123478	ZNF518B	0.0146634	0.450617	1.36118	1.36118	0.773805	0.890834	-1.12254	0.393088	0.704016	-1.42042	0.197515	0.578999	-1.72712	0.00705757	0.247373	-4.04247
cg13445199	ZNF518B	0.0153441	0.960835	0.986509	-1.01368	0.0932848	1.66634	1.66634	0.240979	1.40427	1.40427	0.90451	0.96735	-1.03375	0.658207	0.884136	-1.13105
cg14548284	ZNF518B	0.0467159	0.046512	2.55783	2.55783	0.142541	0.522417	-1.91418	0.696745	0.851015	-1.17507	0.761281	1.13373	1.13373	0.0653063	0.426434	-2.34503
cg20649848	ZNF519	0.000935398	0.143479	0.79838	-1.25254	0.35734	1.14521	1.14521	5.28E-05	2.94975	2.94975	0.118035	0.784189	-1.2752	0.0272722	0.687848	-1.45381
cg00263856	ZNF519	0.0272499	0.0299736	0.313065	-3.19422	0.098127	0.438151	-2.28232	0.0379023	0.334591	-2.98872	0.727954	0.853139	-1.17214	0.0147093	0.25519	-3.91864
cg00691206	ZNF519	0.0419805	0.0706084	0.46008	-2.17353	0.404908	1.38742	1.38742	0.351283	1.44572	1.44572	0.977663	0.9893	-1.01082	0.994659	1.00258	1.00258
cg17133724	ZNF521	0.00139205	0.00317113	0.459908	-2.17435	0.0105464	1.85896	1.85896	0.904103	0.977042	-1.0235	0.0590962	0.663188	-1.50787	0.155951	1.33979	1.33979
cg23818246	ZNF521	0.00196515	0.00238926	0.473409	-2.11234	0.997066	0.999351	-1.00065	0.000342869	0.36117	-2.76878	0.0233972	0.61972	-1.61363	0.00160979	0.449762	-2.2234
cg10416527	ZNF521	0.00771344	0.991026	0.998773	-1.00123	0.354047	1.10971	1.10971	0.00530491	1.49353	1.49353	0.0748364	1.24188	1.24188	0.438876	0.917412	-1.09002
cg25381711	ZNF521	0.0166387	0.0411908	0.407271	-2.45537	0.0212438	2.87515	2.87515	0.0640576	2.21149	2.21149	0.112247	1.93375	1.93375	0.320597	0.676124	-1.47902
cg15743922	ZNF521	0.0220047	0.48542	0.886121	-1.12851	0.0809208	1.39108	1.39108	0.000469324	2.5539	2.5539	0.911881	1.01906	1.01906	0.531016	1.1143	1.1143
cg22501454	ZNF521	0.0294185	0.022747	1.43278	1.43278	0.0107547	1.52614	1.52614	0.0362178	1.37886	1.37886	0.0252545	1.42042	1.42042	0.395544	0.891565	-1.12162
cg26991064	ZNF521;ZNF521	0.00356916	0.584095	1.07908	1.07908	0.108037	1.27304	1.27304	0.0395619	1.38782	1.38782	0.169273	1.22336	1.22336	0.00214418	1.81045	1.81045
cg11611011	ZNF524	0.00171818	0.042739	0.737856	-1.35528	0.00368209	1.66808	1.66808	0.0676796	0.765842	-1.30575	0.00479203	1.62894	1.62894	0.127424	0.806672	-1.23966
cg20214469	ZNF524	0.00906974	0.00320576	0.255051	-3.92078	0.163263	1.65759	1.65759	0.711495	1.13447	1.13447	0.0752285	0.5103	-1.95963	0.00452781	0.276754	-3.61331
cg19024126	ZNF525	0.00428631	0.0186814	0.630966	-1.58487	0.788706	1.04435	1.04435	0.0957949	0.744126	-1.34386	0.124417	1.30834	1.30834	0.00496332	0.548312	-1.82378
cg09242100	ZNF525	0.0343745	0.162186	1.12084	1.12084	0.403274	0.936713	-1.06756	0.224503	1.10244	1.10244	0.259099	0.913933	-1.09417	0.570441	1.04481	1.04481
cg18052123	ZNF526	7.48E-05	1.32E-05	0.143612	-6.9632	0.171347	0.733767	-1.36283	0.800056	1.05543	1.05543	0.00354194	2.31691	2.31691	0.0477828	0.618123	-1.6178
cg12980019	ZNF526	0.000229982	0.0178331	0.775542	-1.28942	0.000565116	1.60257	1.60257	0.430128	0.931387	-1.07367	0.484787	0.939262	-1.06467	0.259024	0.901284	-1.10953
cg23324123	ZNF526	0.000528569	0.0958382	0.664041	-1.50593	0.0835514	0.651357	-1.53526	0.143651	0.7035	-1.42146	0.000212085	0.25018	-3.99712	0.00024771	0.258138	-3.8739
cg22806372	ZNF526	0.00314548	0.0012824	1.45603	1.45603	0.0616657	1.18347	1.18347	0.0140745	1.27453	1.27453	0.0981468	0.864857	-1.15626	0.248645	0.907998	-1.10132
cg26917194	ZNF526	0.00469626	0.611855	1.03562	1.03562	0.0881209	1.13737	1.13737	0.413255	1.05888	1.05888	0.0929493	1.13477	1.13477	0.44449	1.05476	1.05476
cg10671950	ZNF526	0.00515472	0.163105	2.61489	2.61489	0.00110452	0.0448178	-22.3126	0.0034655	0.0771327	-12.9647	0.178261	2.51817	2.51817	0.468675	1.6097	1.6097
cg09605212	ZNF526	0.0128051	0.0463692	0.399878	-2.50076	0.00348114	0.203373	-4.91708	0.0596684	0.425843	-2.34828	0.0195757	0.322027	-3.10533	0.0467953	0.400791	-2.49506
cg23353861	ZNF526	0.0144771	0.0850878	0.734879	-1.36077	0.00825015	1.72744	1.72744	0.869432	0.973733	-1.02698	0.347742	0.855194	-1.16933	0.0200911	0.635232	-1.57423
cg19234935	ZNF526	0.0171925	0.901625	0.975176	-1.02546	0.841917	1.04143	1.04143	0.126042	0.714277	-1.40002	0.0142962	0.541135	-1.84797	0.000638196	0.34441	-2.90351
cg09796576	ZNF526	0.0270713	0.836199	0.976511	-1.02405	0.0511861	1.29037	1.29037	0.0928387	1.23651	1.23651	0.962384	1.00543	1.00543	0.0437067	0.766294	-1.30498
cg17860747	ZNF526	0.0396227	0.526954	1.22315	1.22315	0.111043	0.579537	-1.72552	0.747522	1.10682	1.10682	0.313673	1.38742	1.38742	0.000894856	0.209556	-4.77198
cg05292799	ZNF526;ZNF526	0.0137196	0.174459	1.17425	1.17425	0.893071	0.985156	-1.01507	0.00510411	1.50909	1.50909	0.337687	0.895915	-1.11618	0.118951	0.828461	-1.20706
cg14981983	ZNF527	7.64E-05	0.476581	1.10561	1.10561	0.00569118	1.65375	1.65375	0.0350642	1.4058	1.4058	0.0162887	0.665331	-1.50301	0.222033	0.836925	-1.19485
cg07856758	ZNF527	0.000889128	0.720159	1.02325	1.02325	1.86E-05	1.74576	1.74576	0.108475	1.11838	1.11838	0.0666473	0.876859	-1.14043	0.665037	1.02823	1.02823
cg14690220	ZNF527	0.00375333	0.426295	0.928271	-1.07727	0.179614	0.877571	-1.13951	0.237458	1.12008	1.12008	0.137592	0.863712	-1.15779	0.0113517	1.337	1.337
cg00170056	ZNF527	0.0201187	0.0734373	0.838124	-1.19314	0.0209274	1.2787	1.2787	0.321425	1.09486	1.09486	0.395094	0.925836	-1.0801	0.525155	1.05862	1.05862
cg03232621	ZNF527	0.0493089	0.844519	0.982613	-1.0177	0.158093	0.873883	-1.14432	0.276323	0.903792	-1.10645	0.019735	0.777601	-1.28601	0.31881	1.09641	1.09641
cg16601569	ZNF528	0.000106649	0.000896842	0.573557	-1.74351	0.00195157	1.63198	1.63198	0.000185227	2.02594	2.02594	0.165838	0.847687	-1.17968	0.325538	1.1202	1.1202
cg25622377	ZNF528	0.00152292	0.603894	1.0577	1.0577	0.574092	1.06275	1.06275	0.0479028	0.784751	-1.27429	0.215077	0.869482	-1.15011	0.731588	1.03759	1.03759
cg20725941	ZNF528	0.00200998	0.00013872	0.0699543	-14.2951	0.0837884	2.16622	2.16622	0.00870727	3.85896	3.85896	0.895204	1.05468	1.05468	0.00615521	0.236067	-4.23608
cg11500101	ZNF528	0.00942639	0.0766084	0.55413	-1.80463	0.00994167	0.376837	-2.65367	0.0010005	0.231201	-4.32523	0.817435	1.07177	1.07177	0.111887	0.595163	-1.68021
cg09267217	ZNF528	0.0208223	0.0241213	0.558295	-1.79117	0.0313793	1.7284	1.7284	0.612595	1.11703	1.11703	0.945187	0.985209	-1.01501	0.789062	1.05984	1.05984
cg08188890	ZNF528	0.02897	0.0104956	2.18616	2.18616	0.676901	0.903237	-1.10713	0.137844	1.47411	1.47411	0.0158503	2.04959	2.04959	0.00676866	2.34534	2.34534
cg05020604	ZNF529;ZNF382;ZNF529;ZNF52	0.000879777	0.00654023	1.58718	1.58718	0.0590174	1.32152	1.32152	0.0279303	1.40443	1.40443	0.00701754	0.633942	-1.57743	0.445145	1.10713	1.10713
cg18630667	ZNF529;ZNF382;ZNF529;ZNF52	0.0014994	0.42185	0.930901	-1.07423	0.0167181	0.774987	-1.29034	0.0222553	0.78733	-1.27012	0.215899	0.892565	-1.12037	0.218494	0.893195	-1.11958
cg02587316	ZNF529;ZNF382;ZNF529;ZNF52	0.0257131	0.480385	1.17594	1.17594	0.00199863	2.67968	2.67968	0.711908	1.08742	1.08742	0.307564	0.787706	-1.26951	0.949611	1.01438	1.01438
cg10727416	ZNF529;ZNF529	0.000341453	0.000169048	0.35489	-2.81778	0.39047	0.867221	-1.15311	0.0775968	0.727915	-1.37379	0.279753	1.19951	1.19951	0.354387	1.16679	1.16679
cg16658737	ZNF529;ZNF529;ZNF52	0.000267321	0.606959	1.03986	1.03986	0.214707	1.10338	1.10338	0.0210733	1.2324	1.2324	0.149442	1.12346	1.12346	0.0252372	0.818387	-1.22192
cg10172250	ZNF529;ZNF529;ZNF52	0.0315218	0.00769401	0.647112	-1.54533	0.537449	1.08259	1.08259	0.805238	1.0319	1.0319	0.0556707	0.759138	-1.31728	0.0190893	0.697307	-1.43409
cg19685922	ZNF529;ZNF529;ZNF52	0.040234	0.56044	0.785425	-1.2732	0.00723295	0.241248	-4.14511	?	?	?	0.781151	1.12105	1.12105	0.501687	0.755962	-1.32282
cg26798850	ZNF529;ZNF529;ZNF52	0.0480543	0.134161	0.651534	-1.53484	0.0966792	1.62204	1.62204	0.418481	1.24517	1.24517	0.0394806	0.531677	-1.88084	0.482182	1.2086	1.2086
cg09430118	ZNF529;ZNF529;ZNF529;ZNF382	0.00601577	0.064092	0.890044	-1.12354	0.00529386	1.22847	1.22847	0.0781776	1.11578	1.11578	0.279813	1.06492	1.06492	0.699817	0.978545	-1.02193
cg25397945	ZNF529;ZNF529;ZNF529;ZNF382;ZNF52 9;ZNF529	0.0319043	0.616063	1.11655	1.11655	0.0256229	1.7828	1.7828	0.0125229	1.96864	1.96864	0.0253906	1.78502	1.78502	0.719344	1.08186	1.08186
cg24929613	ZNF529;ZNF529;ZNF529;ZNF52	0.00112159	0.291958	0.649312	-1.54009	0.0917973	2.08155	2.08155	0.177336	1.76165	1.76165	0.628818	1.21212	1.21212	0.0570025	0.42717	-2.34099
cg03314548	ZNF530	3.73E-05	0.0563956	1.72582	1.72582	0.0614909	1.70254	1.70254	0.00688376	0.413211	-2.42007	0.0319179	1.88717	1.88717	1.47E-05	0.10282	-9.72573
cg14930737	ZNF530	0.000695745	0.192282	1.17198	1.17198	9.23E-05	0.448146	-2.23142	0.00437207	0.645506	-1.54917	0.645824	0.948181	-1.05465	0.837972	0.976731	-1.02382
cg04334324	ZNF530	0.00173072	0.592748	0.81201	-1.23151	0.0118326	0.297537	-3.36093	0.0569304	0.435613	-2.29561	0.84273	1.07963	1.07963	0.121037	0.522845	-1.91261
cg09767616	ZNF530	0.00848375	0.000408867	0.379759	-2.63325	0.00892392	1.77494	1.77494	0.965496	0.992567	-1.00749	0.0955927	1.37129	1.37129	0.399248	1.16049	1.16049
cg24192482	ZNF530	0.0349122	0.477684	0.906287	-1.1034	0.956872	1.0074	1.0074	0.0196489	1.46841	1.46841	0.1837	1.21197	1.21197	0.912256	1.01514	1.01514
cg14517073	ZNF532	0.00971687	0.00325294	0.296206	-3.37603	0.0111098	0.380865	-2.6256	0.040089	0.487096	-2.05298	0.135161	0.613652	-1.62959	0.00921793	0.367053	-2.72441
cg24049621	ZNF532	0.0194468	0.644997	1.12154	1.12154	0.140761	0.675881	-1.47955	0.175554	1.42781	1.42781	0.0331628	1.851	1.851	0.0263651	0.521446	-1.91774
cg01936122	ZNF534;ZNF534	4.80E-08	0.894429	0.984176	-1.01608	0.00072981	0.539591	-1.85325	4.43E-07	0.179847	-5.56028	0.0270521	0.730191	-1.3695	2.06E-07	0.150546	-6.6425
cg17435182	ZNF534;ZNF534	0.000340514	0.11501	0.827056	-1.20911	0.438422	1.09152	1.09152	0.117501	0.828307	-1.20728	0.00680658	0.678078	-1.47476	1.17E-05	0.357586	-2.79653
cg03198061	ZNF534;ZNF534	0.000367769	0.878145	0.947546	-1.05536	0.270316	1.49641	1.49641	0.000168122	0.105517	-9.47711	0.0901548	0.519002	-1.92677	5.51E-05	0.0716419	-13.9583
cg13728060	ZNF534;ZNF534	0.0010325	0.269086	0.839928	-1.19058	0.0130482	1.5948	1.5948	0.175311	0.80377	-1.24414	0.30499	1.17467	1.17467	2.01E-05	0.270562	-3.69601
cg27430686	ZNF534;ZNF534	0.025867	0.0301145	0.40639	-2.46069	0.0531832	0.460438	-2.17184	0.0565528	0.466683	-2.14278	0.133955	0.565162	-1.7694	0.0179724	0.362381	-2.75953

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09435798	0.00379107	0.452006	-2.21236	0.769382	1.0616	1.0616	0.719653	0.92934	-1.07603	0.275904	1.25916	1.25916	9.75097	6.38414	0.581972	1
cg03290677	0.0327673	0.59817	-1.67176	0.972297	1.00717	1.00717	0.99367	1.00163	1.00163	0.332028	0.81392	-1.22862	9.17184	6.14858	0.595889	1
cg13178511	0.032658	0.570465	-1.75296	0.0174763	0.522285	-1.91466	0.442127	1.19241	1.19241	0.952283	1.01353	1.01353	6.07801	4.85319	0.709764	1
cg13587533	0.986403	0.994431	-1.0056	0.000891658	0.195774	-5.10792	0.777552	1.09727	1.09727	0.118027	0.573361	-1.7441	4.00429	6.81147	1.51204	1
cg15220194	0.0204615	0.472208	-2.11771	0.0225533	0.480057	-2.08309	0.473476	1.21636	1.21636	0.886985	0.962517	-1.03894	3.95505	4.52097	1.01608	1
cg19126377	0.113243	0.580193	-1.72356	0.051382	0.496291	-2.01495	0.0713632	1.88904	1.88904	0.0943548	1.78753	1.78753	3.94797	6.23768	1.40442	1
cg23081670	0.0467255	3.51133	3.51133	0.0216001	0.218348	-4.57985	?	?	?	0.751064	1.1919	1.1919	3.90219	16.713	4.28297	1
cg19495428	0.015546	0.101899	-9.81359	0.107154	0.258332	-3.87099	0.800108	1.21564	1.21564	0.186611	0.340448	-2.9373	3.72232	34.9195	8.33878	1
cg12642705	0.122116	1.2509	1.2509	0.0246321	1.42982	1.42982	0.715079	1.0502	1.0502	0.726833	1.04797	1.04797	3.68137	1.04075	0.251296	1
cg04151012	0.00323069	0.206055	-4.85308	0.000450671	0.107419	-9.30935	0.00904013	0.275574	-3.62879	0.0542252	0.434861	-2.29958	15.9572	30.7048	1.68367	1
cg20822448	?	?	?	0.0971512	0.38828	-2.57546	0.891283	1.07365	1.07365	0.705077	1.21846	1.21846	9.5944	36.4715	3.80133	1
cg18883643	0.703431	0.943353	-1.06005	0.000259588	2.49953	2.49953	0.0520109	0.713888	-1.40078	0.527983	0.907117	-1.10239	7.02713	2.58699	0.327239	1
cg18611281	0.292548	1.10163	1.10163	0.0673756	1.19923	1.19923	0.818574	0.979841	-1.02057	0.881857	0.986905	-1.01327	4.94047	0.614739	0.110604	1
cg02071175	0.933822	1.01884	1.01884	0.000826951	0.322494	-3.10084	0.31495	0.79174	-1.26304	0.998744	1.00035	1.00035	4.4929	3.19446	0.711002	1
cg14392163	0.105285	0.773995	-1.292	0.328789	1.15708	1.15708	0.617158	0.929643	-1.07568	0.00947475	0.621339	-1.60943	4.05358	1.34526	0.294995	1
cg21495772	0.003645	0.259405	-3.85498	0.00363989	0.259318	-3.85627	0.448229	0.767072	-1.30366	0.225694	0.646278	-1.54732	6.94893	12.9553	1.65721	1
cg26760212	0.388977	0.862347	-1.15963	0.168929	0.782027	-1.27873	0.0569229	0.69669	-1.43536	0.0129615	1.67753	1.67753	4.10407	1.82901	0.39614	1
cg06978388	0.26168	0.834926	-1.19771	0.0211331	0.652235	-1.53319	0.117596	0.769534	-1.29949	0.0505265	0.709283	-1.40987	4.07949	1.53499	0.334463	1
cg06894146	0.0375598	0.423281	-2.3625	0.103963	0.530752	-1.88412	0.20703	0.622417	-1.60664	0.405216	0.738272	-1.35451	3.96137	7.96559	1.78739	1
cg23349402	?	?	?	?	?	?	0.00038559	0.435962	-2.29378	0.000331373	0.426947	-2.34221	85.1454	18.8542	0.221435	1
cg07024996	0.107517	0.647343	-1.54478	0.0759707	0.613288	-1.63056	0.579955	1.14844	1.14844	0.00132078	0.31452	-3.17945	15.4265	14.9758	0.862924	1
cg12886580	0.00683211	0.264494	-3.7808	0.0420319	0.41095	-2.43339	0.96658	0.984223	-1.01603	0.00511275	0.245565	-4.07223	7.26156	16.5696	2.02829	1
cg16548254	0.0108218	0.441894	-2.26299	0.594266	1.14704	1.14704	0.729802	1.0925	1.0925	0.0401279	0.545994	-1.83152	6.91199	7.12713	0.916557	1
cg12055316	0.734578	1.04307	1.04307	0.0275188	1.38129	1.38129	0.23057	0.855684	-1.16866	0.366336	0.891363	-1.12188	4.40696	1.07174	0.216171	1
cg24655222	0.271866	0.489151	-2.04436	0.0847606	0.30367	-3.29305	0.877498	1.10124	1.10124	0.00512621	0.0990893	-10.0919	4.22612	26.1618	5.50267	1
cg00719165	0.993425	0.998813	-1.00119	0.335616	0.866693	-1.15381	0.736918	1.04978	1.04978	0.0108908	1.58503	1.58503	3.83324	1.26051	0.2923	1
cg01373369	0.91449	0.97299	-1.02776	0.31133	0.765658	-1.30607	0.013929	2.16923	2.16923	0.094323	1.59815	1.59815	3.7973	3.9083	0.914872	1
cg21872543	0.0333152	0.60174	-1.66185	0.959942	1.01031	1.01031	0.792479	0.947582	-1.05532	0.0772649	1.49346	1.49346	3.61259	2.38574	0.587019	1
cg03560036	0.104476	0.784494	-1.27471	0.0123932	1.53072	1.53072	0.0202303	1.46662	1.46662	0.069567	1.31996	1.31996	18.3274	5.42941	0.26333	1
cg18793806	0.1349	0.550797	-1.81555	0.0807368	0.488388	-2.04755	0.00334572	4.38187	4.38187	0.83316	0.924915	-1.08118	7.29988	15.8295	1.92751	1
cg00459795	0.563554	0.888509	-1.12548	?	?	?	0.375401	1.20222	1.20222	0.0655205	0.658059	-1.51962	6.59627	3.80577	0.576958	1
cg08470759	0.22935	0.849134	-1.17767	0.546366	0.923903	-1.08236	0.967002	0.994651	-1.00538	0.0963093	0.789186	-1.26713	5.01777	1.33588	0.236649	1
cg09918605	0.927908	1.02123	1.02123	0.00277259	0.383716	-2.60609	0.743799	1.07911	1.07911	0.290726	0.775278	-1.28986	4.66859	3.98479	0.758694	1
cg25103172	0.649855	1.0402	1.0402	0.0371884	0.811734	-1.23193	0.561088	1.05198	1.05198	0.831633	1.01853	1.01853	3.48112	0.409934	0.104675	1
cg02292364	0.277746	1.84066	1.84066	0.00626887	6.85578	6.85578	0.371247	1.64258	1.64258	0.723008	1.21212	1.21212	3.40632	15.7627	4.11333	1
cg18572343	0.026678	0.489497	-2.04291	0.000125462	0.162469	-6.15502	0.336058	0.76351	-1.30974	0.311978	0.752373	-1.32913	9.59293	11.2423	1.04172	1
cg15491120	0.981899	0.993711	-1.00633	0.00177876	0.290212	-3.44575	0.672614	0.888523	-1.12546	0.0348597	0.504656	-1.98155	9.09056	11.1341	1.08871	1
cg13049398	0.0249317	0.246088	-4.06359	0.000322114	0.0470187	-21.2681	0.0169309	0.216435	-4.62033	0.0101235	0.18187	-5.49843	8.29918	36.2829	3.88611	1
cg14936460	0.114838	0.812332	-1.23102	0.527047	1.08078	1.08078	0.203529	0.84986	-1.17666	0.862479	0.979204	-1.02124	8.01614	1.86536	0.206845	1
cg23483081	0.6854	1.03286	1.03286	0.00112996	1.4629	1.4629	0.0985835	0.866051	-1.15467	0.184185	1.11834	1.11834	7.6132	0.760063	0.0887421	1
cg13213527	0.193243	1.1958	1.1958	0.475721	0.910109	-1.09877	0.0430089	1.35314	1.35314	0.582602	0.93045	-1.07475	7.55683	2.01876	0.237461	1
cg16619858	0.274304	0.783252	-1.27673	0.000411927	0.299897	-3.33448	0.743311	0.931859	-1.07312	0.00404694	0.436475	-2.29108	7.02842	5.13444	0.649356	1
cg04834825	0.139793	0.620854	-1.61068	0.0071675	0.352902	-2.83365	0.729696	1.10967	1.10967	0.00505811	0.328885	-3.04058	6.76565	9.64423	1.26708	1
cg09174205	0.551269	0.956255	-1.04575	0.00425304	1.32826	1.32826	0.110196	0.87882	-1.13789	0.254929	0.91558	-1.0922	6.50592	0.567295	0.0775082	1
cg24530271	0.745996	1.04672	1.04672	0.00629867	1.64852	1.64852	0.689245	0.945095	-1.05809	0.326946	0.867472	-1.15277	4.25277	1.3293	0.277842	1
cg25872816	0.520516	0.875249	-1.14253	0.508097	0.871662	-1.14723	0.880657	1.03121	1.03121	0.0527711	0.637378	-1.56893	4.2234	2.79945	0.589194	1
cg20132820	0.0516227	0.53817	-1.85815	0.00315657	0.323596	-3.09028	0.617379	0.868603	-1.15127	0.00397372	0.33852	-2.95404	4.13891	5.12786	1.10128	1
cg21134182	0.300879	1.54713	1.54713	0.145742	1.88864	1.88864	0.0138862	3.44684	3.44684	0.0362296	2.69497	2.69497	3.93141	10.3194	2.33322	1
cg01018286	0.253072	0.541151	-1.84791	0.0190594	0.232281	-4.30513	0.942863	0.963799	-1.03756	0.0402013	0.2954	-3.38524	3.78525	15.8639	3.7253	1
cg20429104	0.918922	1.03191	1.03191	0.602505	0.850365	-1.17597	0.0757384	1.84002	1.84002	0.0390103	0.478533	-2.08972	3.61665	5.45078	1.33968	1
cg00154455	0.0111041	0.4043	-2.47341	0.0550238	0.538593	-1.85669	0.309901	1.34833	1.34833	0.00322985	0.318941	-3.13537	17.5274	22.4566	1.13887	1
cg06459454	2.66E-05	0.221155	-4.52172	0.0238175	1.63244	1.63244	0.930027	0.984169	-1.01609	0.195082	0.779577	-1.28275	12.475	6.52225	0.464736	1
cg19354255	0.0403434	0.75082	-1.33188	0.0242209	1.3842	1.3842	0.00123384	0.564598	-1.77117	0.884839	1.01769	1.01769	5.39051	1.25014	0.206146	1
cg19589903	0.00217909	0.446384	-2.24023	0.392027	1.17881	1.17881	0.378468	1.18472	1.18472	0.74821	1.06228	1.06228	5.37058	2.99319	0.495405	1
cg12270520	?	?	?	0.970948	1.01729	1.01729	0.410959	1.4901	1.4901	0.458736	1.42954	1.42954	5.22115	15.5021	2.22682	1
cg20427983	0.727665	0.922017	-1.08458	0.131865	0.685427	-1.45894	0.663957	0.903463	-1.10685	0.000344442	0.262401	-3.81096	12.178	10.4027	0.759309	1
cg08749418	0.520921	0.842601	-1.1868	0.000509883	0.239604	-4.17355	0.0162359	0.461285	-2.16786	0.0153323	0.45687	-2.18881	10.7002	11.7403	0.975289	1
cg17303833	0.943319	0.984311	-1.01594	0.00104619	0.33999	-2.94126	0.0702003	1.56853	1.56853	0.182699	1.36954	1.36954	9.9193	7.76977	0.696265	1
cg16289751	0.310654	0.79175	-1.26302	0.0014588	0.359426	-2.78222	0.0342898	0.577125	-1.73273	0.00193134	0.37653	-2.65583	7.89114	6.19265	0.697565	1
cg06658147	0.114855	1.78663	1.78663	0.0227166	0.397326	-2.51682	0.0795479	0.517546	-1.9322	0.570851	1.21394	1.21394	5.57366	10.1123	1.61271	1
cg01457986	0.0196049	0.742066	-1.34759	0.00153099	0.617271	-1.62003	0.00234117	0.638046	-1.56728	0.0478436	1.27041	1.27041	10.3868	1.84097	0.157547	1
cg07677997	0.628857	1.05738	1.05738	0.00410103	0.643304	-1.55448	0.188235	1.17318	1.17318	0.617319	1.0594	1.0594	3.78326	0.786301	0.184744	1
cg12016437	0.376862	1.06844	1.06844	0.404215	0.93959	-1.06429	3.06E-09	7.12991	7.12991	0.00121208	1.41323	1.41323	117.228	9.89596	0.0750367	1
cg10334767	0.138588	0.871769	-1.14709	0.000273626	0.598607	-1.67054	2.78E-08	5.76181	5.76181	0.197009	1.12456	1.12456	59.5022	6.98121	0.104291	1
cg13542964	0.950166	0.987703	-1.01245	0.424788	0.850984	-1.17511	1.53E-07	25.5648	25.5648	0.0487099	0.640386	-1.56156	34.756	21.573	0.551734	1
cg17524637	0.766869	0.94482	-1.0584	0.00461676	0.486945	-2.05362	2.52E-07	18.76	18.76	0.507531	1.13696	1.13696	34.487	19.9084	0.513132	1
cg04673825	0.384453	0.872194	-1.14653	0.379336	0.87084	-1.14832	2.76E-07	10.2461	10.2461	0.0225091	1.52054	1.52054	34.0835	12.6933	0.331037	1
cg25112312	0.379436	0.851314	-1.17465	1.55E-05	4.93355	4.93355	2.57E-05	4.43411	4.43411	0.640415	1.08762	1.08762	29.857	15.0714	0.4487	1
cg09534159	0.496603	1.10224	1.10224	0.525336	1.09501	1.09501	6.42E-07	6.81519	6.81519	0.768909	0.959304	-1.04242	23.3289	7.34773	0.279966	1
cg21099470	0.394748	1.11475	1.11475	0.00393361	0.616616	-1.62176	5.94E-06	3.54991	3.54991	0.0555386	1.3105	1.3105	17.2997	4.25523	0.218642	1
cg01096266	0.0125458	0.555508	-1.80015	0.000300033	0.328427	-3.04482	0.00391865	2.08563	2.08563	0.148717	0.745843	-1.34076	17.2332	9.78383	0.504651	1
cg18795809	0.648881	0.819096	-1.22086	0.0493307	0.376582	-2.65546	1.44E-05	50.8473	50.8473	0.59997	0.794243	-1.25906	12.0238	36.0878	2.66788	1
cg11197905	0.486776	0.866564	-1.15398	1.60E-05	6.06823	6.06823	0.00855812	1.97363	1.97363	0.063257	1.52715	1.52715	11.8899	7.73618	0.578357	1
cg20332195	0.0491419	2.56123	2.56123	0.000145033	15.4843	15.4843	0.0025374	5.78043	5.78043	0.0648081	2.38329	2.38329	9.88295	27.4499	2.46889	1
cg16295725	0.48256	0.436544	-2.29072	0.00109376	268.821	268.821	0.00379923	93.1375	93.1375	0.0295619	19.599	19.599	7.20604	153.941	18.9891	1
cg20417115	0.721371	0.944624	-1.05862	0.000440797	2.41807	2.41807	0.328216	1.17416	1.17416	0.676941	1.06893	1.06893	7.19658	2.88465	0.356299	1
cg11578055	0.556206	1.13638	1.13638	0.00262017	2.44719	2.44719	0.00105448	0.353218	-2.83111	0.0121095	0.510769	-1.95783	7.13703	5.21502	0.64951	1
cg23995914	0.298116	0.488652	-2.04644	0.000450263	39.3759	39.3759	0.00707014	10.0859	10.0859	0.0743798	3.74317	3.74317	6.55215	45.745	6.20594	1
cg00123478	0.0318143	0.364451	-2.74386	0.00866003	0.261202	-3.82846	0.0103945	3.64914	3.64914	0.682241	0.847782	-1.17955	5.21968	13.3033	2.2655	1
cg13445199	0.279452	0.732707	-1.3648	0.787151	0.927876	-1.07773	0.000286345	5.14467	5.14467	0.285343	1.35925	1.35925	5.14195	6.23027	1.07703	1
cg14548284	0.0984122	0.473986	-2.10977	0.0247703	0.332565	-3.00694	0.0589912	2.40693	2.40693	0.566874	0.787857	-1.26927	3.47634	9.34198	2.38871	1
cg20649848	0.173168	0.812524	-1.23073	0.00219638	0.540615	-1.84974	0.485875	0.903547	-1.10675	0.237969	0.837731	-1.1937	11.9912	3.89641	0.288834	1
cg00263856	0.0545206	0.370784	-2.69699	0.00475287	0.181718	-5.50304	0.0101999	0.229163	-4.3637	0.219018	0.55546	-1.80031	4.22797	13.8526	2.91237	1
cg00691206	0.00209058	0.189428	-5.27904	0.312712	1.49369	1.49369	0.564722	1.25067	1.25067	0.207572	1.66634	1.66634	3.61795	8.46001	2.07853	1
cg17133724	8.46E-05	0.2562	-3.90319	0.115074	0.718796	-1.39121	0.828437	0.959041	-1.04271	0.494525	1.14302	1.14302	10.707	6.29706	0.522777	1
cg23818246	0.000737725	0.404258	-2.47367	0.0200961	0.609316	-1.64119	0.108836	0.734221	-1.36199	0.28074	0.820312	-1.21905	9.69139	4.79036	0.439369	1
cg10416527	0.78263	1.03065	1.03065	0.00698612	0.683245	-1.4636	0.0025791	0.633738	-1.57794	0.637308	1.05322	1.05322	6.41729	1.21143	0.167801	1
cg25381711	0.592947	0.81401	-1.22849	0.00443342	0.235023	-4.25491	0.878641	1.06	1.06	0.207137	1.66087	1.66087	5.00528	11.5294	2.04751	1
cg15743922	0.876739	1.02683	1.02683	0.294978	0.830905	-1.20351	0.700477	0.936202	-1.06815	0.647987	0.924595	-1.08155	4.55361	2.09786	0.409514	1
cg22501454	0.100398	1.26797	1.26797	0.681722	0.947058	-1.0559	0.794989	1.03495	1.03495	0.0174731	1.46464	1.46464	4.11531	1.13412	0.244966	1
cg26991064	0.0649031	1.33028	1.33028	0.000499035	0.47246	-2.11658	0.744236	1.0461	1.0461	0.142885	1.24209	1.24209	8.12606	2.43937	0.266837	1
cg11611011	0.0954068	1.26969	1.26969	0.000529196	2.02078	2.02078	0.00877655	1.545	1.545	0.366688	1.12848	1.12848	10.0767	2.71105	0.239148	1
cg20214469	0.00245761	0.239153	-4.18143	0.227493	0.650341	-1.53766	0.953979	1.01979	1.01979	0.121321	0.565264	-1.76908	6.09742	11.1383	1.62375	1
cg19024126	0.650865	0.929042	-1.07638	0.000166274	0.354792	-2.81855	0.280774	0.83434	-1.19855	0.553406	0.907688	-1.1017	7.69025	3.17872	0.367417	1
cg09242100	0.472464	0.94567	-1.05745	0.00114566	1.44116	1.44116	0.130267	1.13306	1.13306	0.970481	1.00283	1.00283	3.89242	0.360211	0.0822592	1
cg18052123	0.221409	0.760935	-1.31417	1.46E-05	0.147223	-6.79244	0.727914	0.928449	-1.07706	0.000791554	0.340355	-2.93811	23.9231	17.1186	0.636062	1
cg12980019	0.133784	0.866989	-1.15342	7.03E-06	0.415912	-2.40436	0.627909	1.04405	1.04405	0.692701	1.03568	1.03568	17.6873	2.18225	0.10967	1
cg23324123	0.000173136	0.239965	-4.16727	0.000515727	0.297338	-3.36317	0.43835	1.19355	1.19355	0.120876	0.686264	-1.45717	14.0718	11.1652	0.705288	1
cg22806372	0.18985	1.11754	1.11754	0.00296978	0.721583	-1.38584	0.0680511	0.849129	-1.17768	0.212773	1.11074	1.11074	8.43852	0.856051	0.0901738	1
cg26917194	0.00793558	0.792279	-1.26218	0.021127	0.827247	-1.20883	0.000561016	0.693584	-1.44179	0.230744	1.0898	1.0898	7.48009	0.554238	0.0658624	1
cg10671950	0.27966	2.06614	2.06614	?	?	?	?	?	?	0.390657	1.76462	1.76462	7.6219	39.143	5.86925	1
cg09605212	0.0494287	0.406302	-2.46123	0.00251693	0.185403	-5.39366	0.581478	1.25061	1.25061	0.027683	0.351482	-2.84509	5.45699	13.945	2.27151	1
cg23353861	0.707868	0.940911	-1.0628	0.011604	0.600168	-1.6662	0.176203	1.26196	1.26196	0.0284492	0.658095	-1.51954	5.24175	2.17334	0.368551	1
cg19234935	0.451417	0.85559	-1.16878	0.40563	1.18881	1.18881	0.903168	0.975563	-1.02505	0.0478129	0.6313	-1.58403	4.95079	3.23989	0.581706	1
cg09796576	0.0722317	0.794266	-1.25902	0.00581995	1.5138	1.5138	0.577428	0.937426	-1.06675	0.182592	1.17632	1.17632	4.23774	0.884631	0.185556	1
cg17860747	0.500572	0.806666	-1.23967	0.931511	0.973351	-1.02738	0.956813	0.983127	-1.01716	0.526341	0.817307	-1.22353	3.69601	5.78001	1.39009	1
cg05292799	0.0536085	0.7837	-1.276	0.00973399	0.695168	-1.4385	0.680945	1.04705	1.04705	0.0448656	1.29178	1.29178	5.33521	1.04487	0.174083	1
cg14981983	0.389171	0.884787	-1.13022	1.36E-06	0.180391	-5.5435	0.127786	0.795815	-1.25657	0.205262	1.20367	1.20367	23.7918	7.24982	0.270862	1
cg07856758	0.738731	1.02162	1.02162	0.0121403	0.818922	-1.22112	0.91154	1.00713	1.00713	0.125922	1.11162	1.11162	12.1644	0.786685	0.0574854	1
cg14690220	0.000201553	0.564704	-1.77084	0.476579	0.935833	-1.06857	0.933082	0.992335	-1.00772	0.0405942	1.24191	1.24191	8.00433	1.0643	0.118192	1
cg00170056	0.985728	1.00158	1.00158	0.00321922	0.700705	-1.42713	0.0246701	0.789241	-1.26704	0.692847	0.965486	-1.03575	4.69511	0.58205	0.110195	1
cg03232621	0.263328	0.901072	-1.10979	0.0147496	1.30746	1.30746	0.345571	1.09066	1.09066	0.129465	0.863862	-1.15759	3.40609	0.430497	0.112347	1
cg16601569	9.23E-05	0.458192	-2.18249	0.222332	0.866403	-1.1542	0.591281	1.06249	1.06249	0.000574261	1.81483	1.81483	21.7624	4.30936	0.176017	1
cg25622377	0.83397	0.977756	-1.02275	1.83E-05	0.391914	-2.55158	0.0633989	0.799533	-1.25073	0.08112	0.812817	-1.23029	10.4339	1.89805	0.161699	1
cg20725941	0.53798	0.777321	-1.28647	0.127771	0.514192	-1.9448	0.788765	1.11458	1.11458	0.339892	1.48786	1.48786	9.62793	24.8827	2.29727	1
cg11500101	0.539827	0.830238	-1.20447	0.00381917	0.310654	-3.21901	0.0197521	0.430059	-2.32526	0.727858	1.11039	1.11039	6.0231	8.57031	1.26481	1
cg09267217	0.157191	1.38801	1.38801	0.0836001	0.660319	-1.51442	0.0180334	1.86386	1.86386	0.0140665	1.92899	1.92899	4.64047	3.45228	0.661291	1
cg08188890	0.0175956	2.01675	2.01675	0.917037	1.02563	1.02563	0.382332	1.24307	1.24307	0.087618	1.58076	1.58076	4.13775	3.86506	0.830309	1
cg05020604	0.0787031	1.29088	1.29088	0.000261876	0.456279	-2.19164	0.00294865	1.70535	1.70535	0.334424	0.877949	-1.13902	12.2008	3.30369	0.24069	1
cg18630667	0.753292	1.0279	1.0279	0.000178704	0.574698	-1.74004	0.00666334	1.35964	1.35964	0.00965579	1.33083	1.33083	10.4808	1.26411	0.107211	1
cg02587316	0.223403	1.33512	1.33512	0.0827401	0.647842	-1.54359	0.0144397	1.97603	1.97603	0.325805	1.25762	1.25762	4.31475	3.4882	0.718609	1
cg10727416	0.00010555	0.329998	-3.03032	0.000465827	2.43766	2.43766	0.696317	0.938473	-1.06556	0.262501	0.827669	-1.20821	15.8767	6.59066	0.368992	1
cg16658737	0.544141	0.954812	-1.04733	1.01E-05	0.489872	-2.04135	0.00786869	1.29281	1.29281	0.017923	1.24194	1.24194	16.9769	1.52532	0.0798636	1
cg10172250	0.201113	1.18719	1.18719	0.325931	0.87906	-1.13758	0.273509	1.15584	1.15584	0.135538	1.22685	1.22685	4.01544	1.02716	0.227381	1
cg19685922	0.990662	1.00481	1.00481	0.00306273	0.189415	-5.27942	0.360873	0.680194	-1.47017	0.19167	0.567163	-1.76316	3.73288	8.84606	2.36977	1
cg26798850	0.900428	1.03376	1.03376	0.0512145	0.554962	-1.80193	0.278362	1.34846	1.34846	0.0242029	2.03956	2.03956	3.4395	3.83211	0.990353	1
cg09430118	0.0084271	0.828327	-1.20725	0.00610759	0.81844	-1.22184	0.0496317	1.13358	1.13358	0.470939	1.04191	1.04191	6.93354	0.344137	0.0441188	1
cg25397945	0.107863	0.682093	-1.46608	0.123658	0.695148	-1.43854	0.961759	1.01051	1.01051	0.224391	0.757068	-1.32089	3.99816	3.01109	0.669439	1
cg24929613	0.672331	1.18296	1.18296	0.000482241	0.115069	-8.69046	6.82E-05	0.0562802	-17.7682	0.364196	0.691932	-1.44523	11.3891	28.1354	2.19589	1
cg03314548	0.0024162	0.343969	-2.90724	4.66E-06	0.0705188	-14.1806	0.00276443	0.35247	-2.83712	0.484243	0.835635	-1.19669	28.761	29.0655	0.8983	1
cg14930737	0.0429235	0.764984	-1.30722	0.000618239	1.83298	1.83298	0.75195	1.03713	1.03713	0.173087	1.1814	1.1814	13.0332	2.72928	0.186142	1
cg04334324	3.95E-05	0.0481764	-20.7571	0.00526468	0.241902	-4.13391	0.0334323	0.383433	-2.60802	0.417403	1.37665	1.37665	10.0555	23.6935	2.09446	1
cg09767616	0.626391	1.0883	1.0883	0.715226	1.06524	1.06524	0.955702	1.00963	1.00963	0.46321	1.13744	1.13744	6.22778	2.93396	0.418763	1
cg24192482	0.0994744	0.78183	-1.27905	0.00506031	0.603386	-1.65732	0.537734	1.08877	1.08877	0.184825	0.825558	-1.2113	3.87065	1.13891	0.261549	1
cg14517073	0.0244236	0.443498	-2.2548	0.0532218	0.513792	-1.94631	0.00199934	0.266395	-3.75382	0.0179519	0.41813	-2.3916	5.9651	8.68557	1.29428	1
cg24049621	0.0580087	1.6986	1.6986	0.436841	1.21667	1.21667	0.00855543	2.29196	2.29196	0.0333491	1.8494	1.8494	4.74955	4.59858	0.860635	1
cg01936122	2.70E-06	0.257788	-3.87916	1.05E-09	0.0247855	-40.3461	1.49E-05	0.339696	-2.94381	3.59E-06	0.27098	-3.69031	158.393	36.2053	0.203182	1
cg17435182	0.655579	0.951476	-1.051	0.317589	0.891843	-1.12127	0.00372125	0.647809	-1.54366	0.000177162	0.494521	-2.02216	15.8887	3.08927	0.172828	1
cg03198061	0.000299812	0.126764	-7.88866	0.655372	1.17088	1.17088	0.913176	1.03904	1.03904	0.00666892	0.290514	-3.44218	15.556	30.383	1.73612	1
cg13728060	0.186326	1.23656	1.23656	0.776339	0.957751	-1.04411	0.29573	0.848461	-1.17861	0.603182	0.923593	-1.08273	11.6602	4.24185	0.323366	1
cg27430686	0.491994	0.781611	-1.27941	0.00120485	0.187446	-5.33487	0.369442	0.722215	-1.38463	0.0917465	0.519189	-1.92608	4.30578	8.50036	1.75482	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00780664	ZNF536	0.000220894	0.00358583	0.73233	-1.3655	0.00314161	0.726971	-1.37557	0.605394	0.959672	-1.04202	0.464329	0.942876	-1.06059	0.00560706	0.75034	-1.33273
cg11627582	ZNF536	0.00103518	0.00258027	0.300475	-3.32806	0.361799	1.30971	1.30971	0.00633077	0.359455	-2.78199	0.495935	0.819558	-1.22017	8.82E-05	0.132381	-7.55398
cg10676125	ZNF536	0.00399226	0.712513	0.965315	-1.03593	0.0427257	0.800522	-1.24918	0.996162	1.00046	1.00046	0.0098762	1.36474	1.36474	0.242227	1.12383	1.12383
cg06787873	ZNF536	0.00757057	0.28975	0.835772	-1.1965	0.518946	1.11266	1.11266	0.00340617	0.522121	-1.91526	0.407373	0.870776	-1.1484	0.0567922	1.4219	1.4219
cg12984036	ZNF536	0.0111746	0.0188325	0.362538	-2.75833	0.61647	1.1973	1.1973	0.0575306	0.464907	-2.15097	0.0216625	0.374153	-2.6727	0.000626012	0.153287	-6.5237
cg23642130	ZNF536	0.0131354	0.165719	3.34547	3.34547	0.0113693	13.3095	13.3095	0.0564273	5.83849	5.83849	0.0423123	6.75652	6.75652	0.0766683	0.200178	-4.99556
cg06277472	ZNF536	0.0169464	0.0218332	0.592656	-1.68732	0.810269	0.955309	-1.04678	0.0211577	0.590429	-1.69368	0.0808777	0.692146	-1.44478	0.0014773	0.418104	-2.39175
cg19384540	ZNF536	0.0170739	0.0241496	0.400326	-2.49797	0.325661	1.41279	1.41279	0.356168	0.723859	-1.38148	0.780339	0.909196	-1.09987	0.0159429	0.366074	-2.73169
cg23645261	ZNF536	0.0271422	0.0660361	0.41818	-2.39131	0.00222986	0.163535	-6.11489	0.0116939	0.263968	-3.78834	0.400888	0.695222	-1.43839	0.0898524	0.453631	-2.20443
cg11648483	ZNF536	0.0343618	0.329974	0.78573	-1.2727	0.108259	1.52241	1.52241	0.015151	0.488833	-2.04569	0.579884	0.874484	-1.14353	0.766869	0.931167	-1.07392
cg24788028	ZNF536	0.0398309	0.329835	0.748374	-1.33623	0.127328	1.60843	1.60843	0.870942	0.954216	-1.04798	0.705579	0.896371	-1.11561	0.00236216	0.294504	-3.39554
cg01094891	ZNF536	0.0465499	0.989106	0.995999	-1.00402	0.0155797	2.38895	2.38895	0.531102	1.20476	1.20476	0.259137	1.41293	1.41293	0.0342823	0.484273	-2.06495
cg03758150	ZNF536	0.0487142	0.0157802	0.40795	-2.45128	0.913687	0.967668	-1.03341	0.345453	1.34251	1.34251	0.921434	0.970538	-1.03036	0.00387953	0.307584	-3.25115
cg23200342	ZNF540	4.14E-05	0.00935275	1.60247	1.60247	2.55E-05	3.30199	3.30199	0.0133073	1.55083	1.55083	0.500108	1.10288	1.10288	0.00206479	0.53753	-1.86036
cg25498326	ZNF540	0.000156595	0.00471054	0.787385	-1.27003	0.00401507	1.27896	1.27896	0.00115868	0.738041	-1.35494	0.043005	0.86224	-1.15977	0.344039	0.939845	-1.06401
cg18713806	ZNF540	0.000684137	0.00123456	0.429588	-2.32781	0.00321464	2.05295	2.05295	0.00538913	0.519271	-1.92578	0.0560249	0.678982	-1.47279	0.00982712	0.55779	-1.79279
cg20700792	ZNF540	0.000802164	0.205312	1.22975	1.22975	0.0492094	0.706486	-1.41546	0.00575518	0.571139	-1.75089	0.00740935	0.586307	-1.70559	0.000113203	0.350179	-2.85568
cg27389185	ZNF540	0.000815349	0.17703	1.22546	1.22546	0.0554564	1.36013	1.36013	0.000176906	2.46135	2.46135	0.000764777	2.05926	2.05926	0.649033	0.93714	-1.06708
cg17431391	ZNF540	0.000966779	0.635136	1.10511	1.10511	0.0137883	1.88982	1.88982	0.00422632	2.22731	2.22731	0.879163	0.968692	-1.03232	0.00325569	2.31374	2.31374
cg03320255	ZNF540	0.00165157	3.62E-05	8.84003	8.84003	0.380417	1.27934	1.27934	0.058112	1.79749	1.79749	0.291722	1.34923	1.34923	0.396887	0.788576	-1.26811
cg24032872	ZNF540	0.00303704	0.00482425	1.71704	1.71704	0.0184162	0.66137	-1.51201	0.000712139	0.474577	-2.10714	0.00820653	1.63064	1.63064	0.760486	1.0452	1.0452
cg12589994	ZNF540	0.0332792	0.372652	0.87204	-1.14674	0.992407	1.00142	1.00142	0.386671	1.14196	1.14196	0.225534	0.826625	-1.20974	0.135538	0.786108	-1.27209
cg27321876	ZNF540;ZNF571	0.000149304	0.686454	1.14591	1.14591	0.971221	1.01216	1.01216	3.81E-05	0.0314875	-31.7586	?	?	?	0.206238	0.634215	-1.57675
cg06583518	ZNF540;ZNF571	0.00134397	0.345029	0.665659	-1.50227	0.000902947	15.5223	15.5223	0.000485072	22.9752	22.9752	?	?	?	0.00504327	0.155669	-6.42389
cg01857594	ZNF540;ZNF571	0.00197247	0.000855101	0.463033	-2.15967	0.419959	0.881037	-1.13503	0.244218	1.20595	1.20595	0.0443532	0.701181	-1.42617	0.000190519	0.380382	-2.62894
cg17333479	ZNF540;ZNF571	0.0395597	0.495452	1.11795	1.11795	0.149356	0.77954	-1.28281	0.250093	0.823975	-1.21363	0.107929	0.753846	-1.32653	0.956923	1.00874	1.00874
cg15845603	ZNF540;ZNF571	0.0419124	0.644231	1.22026	1.22026	0.294021	1.59349	1.59349	0.157942	1.9084	1.9084	0.516454	0.754564	-1.32527	?	?	?
cg04599342	ZNF541	4.76E-06	8.76E-06	0.21245	-4.707	0.176491	1.25939	1.25939	4.94E-06	0.187857	-5.32319	0.000158271	0.354548	-2.82049	4.90E-06	0.187534	-5.33238
cg17515480	ZNF541	0.00246507	0.0431972	0.62078	-1.61088	0.0084163	1.99342	1.99342	0.0378089	0.610333	-1.63845	0.227809	1.29629	1.29629	0.10275	0.693539	-1.44188
cg12242547	ZNF541	0.00602249	0.26825	0.838127	-1.19314	0.00275253	0.531196	-1.88254	0.00245003	0.524444	-1.90678	0.822864	0.966248	-1.03493	0.000986087	0.47241	-2.11681
cg22341310	ZNF541	0.00876708	0.113956	1.79734	1.79734	0.0134202	2.84016	2.84016	0.215414	1.55983	1.55983	0.0909816	1.88666	1.88666	0.523578	1.24657	1.24657
cg18405765	ZNF541	0.0123819	0.00280013	0.272096	-3.67517	0.00939615	0.353259	-2.83078	0.0102745	0.359841	-2.77901	0.106378	0.572818	-1.74576	0.00165949	0.241213	-4.14572
cg11873112	ZNF541	0.0131904	0.404752	1.11983	1.11983	0.0128722	0.663633	-1.50686	0.329368	0.874902	-1.14299	0.0505242	0.743881	-1.3443	0.98385	1.00269	1.00269
cg20673321	ZNF541	0.0371961	0.105274	0.666161	-1.50114	0.80277	1.05912	1.05912	0.0176996	0.515758	-1.93889	0.494404	1.17265	1.17265	0.0072872	0.451886	-2.21295
cg03146949	ZNF542;ZNF542;ZNF542;ZNF542	0.000405727	0.535918	1.05361	1.05361	0.0449254	0.825522	-1.21135	0.0265602	0.803308	-1.24485	0.709364	1.03168	1.03168	0.0365262	0.816724	-1.2244
cg27062795	ZNF542;ZNF542;ZNF542;ZNF542	0.00320998	0.523484	1.1878	1.1878	0.0278609	1.99731	1.99731	0.243873	1.3834	1.3834	0.352249	1.29021	1.29021	0.0102267	0.422416	-2.36733
cg18787401	ZNF542;ZNF542;ZNF542;ZNF542	0.0127458	0.590397	0.940992	-1.06271	0.460009	0.91925	-1.08784	0.0582518	0.786983	-1.27068	0.0611188	1.26643	1.26643	0.0472508	1.2893	1.2893
cg17524924	ZNF542;ZNF542;ZNF542;ZNF542	0.0134224	0.612591	0.839429	-1.19129	0.128019	0.568936	-1.75767	0.842011	1.0708	1.0708	0.287715	0.684984	-1.45989	0.0570923	0.478125	-2.0915
cg07928808	ZNF542;ZNF542;ZNF542;ZNF542	0.0228129	0.68167	1.06891	1.06891	0.466836	0.887243	-1.12709	0.893691	1.02184	1.02184	0.000492355	0.41404	-2.41523	0.0711317	0.72201	-1.38502
cg27477373	ZNF542;ZNF542;ZNF542;ZNF542	0.0312771	0.0194488	0.316568	-3.15888	0.0391779	0.378442	-2.64241	0.107106	2.04655	2.04655	0.61501	0.81345	-1.22933	0.459419	0.735876	-1.35892
cg18031226	ZNF543	0.00974363	0.353454	1.09807	1.09807	0.00556005	0.699842	-1.42889	0.657562	1.04468	1.04468	0.105167	0.840731	-1.18944	0.0021615	0.655812	-1.52483
cg14786398	ZNF543	0.0162624	0.00154805	0.289041	-3.45971	0.387476	1.27318	1.27318	0.54779	1.18038	1.18038	0.823176	0.940801	-1.06292	0.0631183	0.565564	-1.76815
cg19533530	ZNF543	0.0205367	0.243677	0.883748	-1.13154	0.011623	0.72646	-1.37654	0.546504	1.06378	1.06378	0.580909	0.945075	-1.05812	0.599056	0.94767	-1.05522
cg14603375	ZNF543	0.0319289	0.153312	0.804782	-1.24257	0.00245943	1.81896	1.81896	0.691633	1.05826	1.05826	0.292396	1.16784	1.16784	0.592253	1.07981	1.07981
cg00846300	ZNF543	0.0332375	0.136877	1.53931	1.53931	0.0287289	0.499353	-2.00259	0.614817	1.14635	1.14635	0.190162	1.45279	1.45279	0.822885	1.06221	1.06221
cg04696193	ZNF543;ZNF543	0.00838049	0.184346	0.861916	-1.16021	0.00035472	1.83171	1.83171	0.667511	0.955419	-1.04666	0.761011	0.96832	-1.03272	0.0481813	1.26908	1.26908
cg21994576	ZNF544	3.13E-05	0.0003292	0.649181	-1.5404	0.0169348	1.24232	1.24232	0.765753	1.02251	1.02251	0.451213	1.05885	1.05885	0.000876518	0.689575	-1.45017
cg11233533	ZNF544	0.000143615	0.156044	1.1897	1.1897	6.81E-05	0.434289	-2.30261	5.18E-05	0.420396	-2.37871	0.875329	0.982189	-1.01813	0.00486215	1.53321	1.53321
cg01859739	ZNF544	0.000612874	0.244648	1.22998	1.22998	0.00494438	1.88336	1.88336	0.0072931	1.80128	1.80128	0.161111	1.28989	1.28989	0.184704	0.787206	-1.27032
cg14386312	ZNF544	0.0399398	0.80756	0.950782	-1.05177	0.00400447	2.22522	2.22522	0.178782	1.34369	1.34369	0.12047	1.4167	1.4167	0.963906	1.0094	1.0094
cg24801244	ZNF544	0.0430914	0.985487	1.00278	1.00278	0.012525	0.622698	-1.60592	0.386722	0.873439	-1.1449	0.728144	1.05466	1.05466	0.353822	1.1566	1.1566
cg24737618	ZNF546	0.000913407	0.858457	1.02986	1.02986	0.31959	0.844041	-1.18478	0.866789	1.02806	1.02806	9.61E-06	0.207746	-4.81357	0.304005	1.19183	1.19183
cg24461508	ZNF546	0.00357447	0.0569292	0.434755	-2.30014	0.170835	0.569025	-1.75739	0.505103	0.769919	-1.29884	0.506051	1.29806	1.29806	0.815243	0.913477	-1.09472
cg14213992	ZNF546	0.00505904	0.284641	1.23608	1.23608	0.000109667	3.6647	3.6647	0.363938	0.837014	-1.19472	0.0231457	1.67831	1.67831	0.0329602	1.60899	1.60899
cg06391107	ZNF546	0.0117974	0.160391	0.901125	-1.10972	0.271078	0.923535	-1.0828	0.0250323	1.20333	1.20333	0.0380768	1.18165	1.18165	0.0277756	1.1979	1.1979
cg15568892	ZNF546	0.0124173	0.357346	0.77057	-1.29774	0.00444545	0.351721	-2.84316	0.00971453	0.406319	-2.46112	0.0504617	0.541291	-1.84744	0.108513	0.617544	-1.61932
cg17165905	ZNF546	0.0256005	0.219525	1.23868	1.23868	0.0566973	1.42988	1.42988	0.0328634	1.51252	1.51252	0.0548932	0.697035	-1.43465	0.968669	1.00653	1.00653
cg08573550	ZNF546	0.0287697	0.0264291	0.726147	-1.37713	0.223913	0.856123	-1.16806	0.570592	0.932684	-1.07217	0.0350656	0.741898	-1.34789	0.0815159	0.790776	-1.26458
cg06860122	ZNF546;ZNF546	0.0179754	0.00588311	1.87626	1.87626	0.044075	1.49766	1.49766	0.809462	1.04308	1.04308	0.12142	1.34069	1.34069	0.0849392	1.39459	1.39459
cg17313042	ZNF547	1.97E-05	0.00371663	0.469607	-2.12944	0.149766	1.34692	1.34692	0.00680215	0.5085	-1.96657	0.545045	1.12539	1.12539	0.00023103	0.307608	-3.25089
cg23641305	ZNF547	0.000212144	0.0505873	1.73273	1.73273	0.280946	0.758422	-1.31853	0.0691478	0.605469	-1.65161	0.000162766	0.204422	-4.89185	0.00176823	0.333279	-3.00048
cg24765016	ZNF547;TRAPPC2P1	0.00744068	0.023361	1.74725	1.74725	0.4649	0.857969	-1.16554	0.471284	1.16291	1.16291	0.00429665	2.19569	2.19569	0.00328258	0.43817	-2.28222
cg21643513	ZNF547;TRAPPC2P1	0.0244517	0.640167	0.961129	-1.04044	0.255257	0.904818	-1.10519	0.320047	0.917111	-1.09038	0.735104	1.02901	1.02901	0.00569226	0.736836	-1.35715
cg21288315	ZNF548	0.000701914	0.605586	0.817676	-1.22298	0.00969825	0.282396	-3.54112	0.00203912	0.186334	-5.3667	0.0250625	0.357031	-2.80088	3.28E-05	0.0442781	-22.5845
cg00496805	ZNF548	0.00262482	0.974199	0.996895	-1.00311	0.110119	0.845813	-1.18229	0.913537	0.98961	-1.0105	0.00348507	1.46407	1.46407	0.0581511	1.22865	1.22865
cg05364710	ZNF548	0.0106056	0.29424	0.550694	-1.81589	0.0947822	0.365353	-2.73708	0.0027719	0.104064	-9.60943	0.548545	0.716839	-1.39501	0.140944	0.419632	-2.38304
cg06482263	ZNF548	0.0196828	0.000460879	0.221976	-4.505	0.830216	0.943055	-1.06038	0.196641	1.45171	1.45171	0.535542	0.842559	-1.18686	0.660283	1.12836	1.12836
cg10705236	ZNF548	0.0239443	0.496373	0.95296	-1.04936	0.00591723	1.28553	1.28553	0.373965	1.06574	1.06574	0.150039	1.11366	1.11366	0.808398	0.983194	-1.01709
cg23029635	ZNF548	0.0474339	0.0230951	0.249301	-4.01121	0.66612	0.800942	-1.24853	0.0548566	0.328437	-3.04472	0.5863	1.32442	1.32442	0.0544976	0.327753	-3.05108
cg14592770	ZNF549	0.000609818	0.3177	0.880535	-1.13567	0.00298411	0.605434	-1.65171	0.708772	1.0473	1.0473	0.668683	0.94835	-1.05446	0.00219149	0.589116	-1.69746
cg04748929	ZNF549	0.00139718	0.0458631	0.699868	-1.42884	0.0015686	0.492498	-2.03046	0.00285867	0.527315	-1.8964	0.0668965	0.72594	-1.37753	0.00019059	0.375141	-2.66566
cg01601746	ZNF549	0.0107172	0.806211	1.05236	1.05236	0.942401	1.01512	1.01512	0.00649805	2.08434	2.08434	0.948908	0.986783	-1.01339	0.0126271	0.525285	-1.90373
cg17684296	ZNF549	0.0195563	0.367498	0.877777	-1.13924	0.1764	1.22434	1.22434	0.134995	1.25472	1.25472	0.75871	0.957539	-1.04434	0.569549	0.922247	-1.08431
cg01260688	ZNF549	0.0262017	0.0193747	0.603017	-1.65833	0.0724558	0.698676	-1.43128	0.0122361	0.572155	-1.74778	0.385821	0.852958	-1.17239	0.00196279	0.457098	-2.18772
cg21647626	ZNF549	0.0451205	0.345625	0.732893	-1.36446	0.421657	0.769033	-1.30034	0.00386258	0.287842	-3.47413	0.364545	0.742228	-1.34729	0.11289	0.575752	-1.73686
cg13644629	ZNF549;ZNF549	0.00662806	?	?	?	?	?	?	0.00311744	23.6629	23.6629	?	?	?	?	?	?
cg14994483	ZNF550	0.00224401	0.33105	0.898217	-1.11332	0.0497359	0.786963	-1.27071	0.503517	0.929915	-1.07537	0.182591	1.16345	1.16345	0.759139	0.967619	-1.03346
cg05774324	ZNF550	0.0255971	0.896496	0.965455	-1.03578	0.00063174	0.242046	-4.13144	0.531688	0.842722	-1.18663	0.934099	1.02259	1.02259	0.0363036	0.518182	-1.92982
cg06615754	ZNF551	0.00725947	0.0670539	0.310093	-3.22484	0.943642	1.04115	1.04115	0.393806	0.607593	-1.64584	0.527696	0.694205	-1.4405	0.0001136	0.0209539	-47.7238
cg02951059	ZNF551	0.00965062	0.0852957	1.18894	1.18894	0.0544235	0.819924	-1.21963	0.165257	1.14414	1.14414	0.244499	0.895151	-1.11713	0.0324368	0.796279	-1.25584
cg15636087	ZNF551	0.0119371	0.0791172	0.652731	-1.53202	0.00218525	0.390457	-2.5611	0.121886	0.692865	-1.44328	0.917609	0.977611	-1.0229	0.0331474	0.579839	-1.72462
cg15721562	ZNF551	0.0248648	0.0210119	0.127479	-7.84446	0.0099394	0.0892865	-11.1999	0.0879684	0.247311	-4.04349	0.354685	0.493389	-2.0268	0.00488287	0.0627815	-15.9283
cg18751674	ZNF551	0.0377581	0.0325568	0.180863	-5.52904	0.0068967	0.0915738	-10.9202	0.0433299	0.204235	-4.89632	0.542846	1.52351	1.52351	0.0495718	0.21624	-4.62449
cg09359904	ZNF551;ZNF551	0.00580293	0.529906	0.934954	-1.06957	0.597176	1.05799	1.05799	0.117802	1.19664	1.19664	0.870053	0.982844	-1.01746	0.562002	1.06393	1.06393
cg11546251	ZNF552	2.26E-05	0.000496027	0.481425	-2.07717	0.00316779	1.71706	1.71706	0.00868063	0.638552	-1.56604	0.00541116	0.612069	-1.6338	5.63E-05	0.366524	-2.72833
cg26847756	ZNF552	0.000637411	0.259069	1.19639	1.19639	0.0652445	1.3705	1.3705	0.00199825	1.94333	1.94333	0.370385	1.15036	1.15036	0.168396	1.25047	1.25047
cg10133929	ZNF552	0.00431803	0.793772	0.943784	-1.05956	0.205228	1.34336	1.34336	0.00568794	0.448874	-2.2278	0.281523	1.2804	1.2804	0.868328	1.03732	1.03732
cg03820986	ZNF552	0.00789985	0.151926	0.866328	-1.1543	0.399566	0.922547	-1.08396	0.00264287	0.67779	-1.47538	0.0325568	1.26348	1.26348	0.0204451	1.29841	1.29841
cg21929600	ZNF552	0.0170289	0.790216	0.963711	-1.03766	0.286311	1.16592	1.16592	0.968394	1.00551	1.00551	0.335895	1.14748	1.14748	0.891155	0.981198	-1.01916
cg16615451	ZNF552	0.0220462	0.822815	1.08518	1.08518	0.938332	1.0286	1.0286	0.64549	1.18392	1.18392	0.952983	0.978739	-1.02172	0.892302	1.05061	1.05061
cg22722891	ZNF552	0.0235351	0.309408	1.14542	1.14542	0.130377	1.23473	1.23473	0.245425	1.16977	1.16977	0.666448	0.945568	-1.05757	0.927653	0.988347	-1.01179
cg12027076	ZNF552	0.0272594	0.90884	1.0199	1.0199	0.943366	1.01229	1.01229	0.0412562	0.667022	-1.4992	0.194913	1.26593	1.26593	0.266823	0.819574	-1.22015
cg21865387	ZNF552	0.0333858	0.277051	0.729339	-1.3711	0.375603	0.775793	-1.289	0.00851093	0.391612	-2.55354	0.727964	0.907111	-1.1024	0.0646291	0.560196	-1.78509
cg15229323	ZNF554	0.00012132	3.57E-06	0.168428	-5.93726	0.0433821	1.46307	1.46307	0.00698503	1.7709	1.7709	0.884463	0.976465	-1.0241	0.185327	0.794478	-1.25869
cg14240072	ZNF554	0.00333452	0.851125	1.05187	1.05187	0.41451	0.798927	-1.25168	0.37867	0.78421	-1.27517	0.424546	1.24544	1.24544	0.00144117	0.289495	-3.45429
cg08531998	ZNF554	0.00587556	0.0172937	1.48785	1.48785	0.00246815	0.561668	-1.78041	0.0380414	0.719248	-1.39034	0.16132	1.22751	1.22751	0.769873	0.960599	-1.04102
cg17740065	ZNF554	0.04577	0.55875	0.734493	-1.36148	0.490094	0.6936	-1.44175	0.564117	0.737655	-1.35565	?	?	?	0.811167	0.882577	-1.13305
cg16704464	ZNF554;ZNF554	0.0243308	0.0338105	1.62092	1.62092	0.129315	0.726575	-1.37632	0.0601151	0.661466	-1.51179	0.170342	1.32922	1.32922	0.108562	0.710959	-1.40655
cg08863539	ZNF555	0.000252521	0.372974	0.84415	-1.18462	0.662251	1.08483	1.08483	0.900718	0.977145	-1.02339	0.00934338	0.542987	-1.84166	0.00591722	0.513282	-1.94825
cg23246320	ZNF555	0.00275455	0.601567	1.15687	1.15687	0.361107	0.771303	-1.29651	0.00461687	0.352554	-2.83644	0.0524864	0.543417	-1.84021	0.00518269	0.360347	-2.7751
cg07837717	ZNF555	0.0198451	0.738077	0.968724	-1.03229	0.409555	0.923251	-1.08313	0.00448279	1.43159	1.43159	0.171396	0.871211	-1.14783	0.0188457	0.763866	-1.30913
cg23671719	ZNF555	0.0319483	0.26681	1.45431	1.45431	0.489909	1.2549	1.2549	0.11315	0.572267	-1.74744	0.720419	0.890169	-1.12338	0.281805	1.43633	1.43633
cg14193594	ZNF555	0.0482304	0.850553	1.0274	1.0274	0.0124613	1.56142	1.56142	0.0137105	1.54771	1.54771	0.858004	1.026	1.026	0.944554	1.01002	1.01002
cg13753868	ZNF556	0.000379456	0.324016	0.822936	-1.21516	0.0165022	0.570952	-1.75146	0.000492945	0.352058	-2.84044	0.539282	1.12628	1.12628	0.00136728	0.411124	-2.43236
cg23976934	ZNF556	0.0180752	0.00132271	0.115284	-8.6742	0.124556	0.463425	-2.15785	0.544526	0.753015	-1.32799	0.989458	0.993908	-1.00613	0.0144351	0.24799	-4.03242
cg23194433	ZNF557;ZNF557;ZNF557	5.46E-05	9.42E-06	0.125276	-7.98239	0.823358	0.95257	-1.04979	0.0185132	0.537532	-1.86036	1.32E-05	0.137367	-7.27975	0.0230597	0.553973	-1.80514
cg19038506	ZNF557;ZNF557;ZNF557	0.00119499	0.708805	1.03362	1.03362	0.0373535	0.808195	-1.23733	0.153539	0.873997	-1.14417	0.205971	0.889067	-1.12477	0.00861543	0.74435	-1.34345
cg09022474	ZNF557;ZNF557;ZNF557	0.00194184	0.000736572	0.34856	-2.86894	0.0479782	0.628365	-1.59143	0.750602	1.06773	1.06773	0.149829	0.72809	-1.37346	0.000900227	0.360171	-2.77646
cg10637260	ZNF557;ZNF557;ZNF557	0.00306289	0.380193	0.770072	-1.29858	0.0231821	0.454838	-2.19859	0.00300275	0.306938	-3.25798	0.0161049	0.425399	-2.35074	0.849327	0.946294	-1.05675
cg23071728	ZNF557;ZNF557;ZNF557	0.0429787	0.374867	0.937808	-1.06632	0.069419	0.866592	-1.15395	0.448977	0.947059	-1.0559	0.0252245	1.20637	1.20637	0.132652	1.12119	1.12119
cg02922642	ZNF558	2.04E-05	0.168913	0.906846	-1.10272	0.00779657	0.796222	-1.25593	0.0234137	0.834723	-1.198	0.517639	0.957185	-1.04473	0.997921	0.999826	-1.00017
cg23504157	ZNF558	8.65E-05	0.0984906	1.28259	1.28259	0.0508326	0.736685	-1.35743	0.000770996	0.49691	-2.01244	0.622749	0.934157	-1.07048	2.18E-06	0.203076	-4.92427
cg04301375	ZNF558	0.00921223	0.963642	0.994995	-1.00503	0.174429	0.852989	-1.17235	0.219618	0.867553	-1.15267	0.753207	1.03533	1.03533	0.043499	1.29114	1.29114
cg22715321	ZNF559	0.00440868	0.324632	1.24588	1.24588	0.000962195	0.345564	-2.89382	0.00623575	0.462775	-2.16088	0.38407	0.824567	-1.21276	0.0167248	1.88001	1.88001
cg08568385	ZNF559	0.0118065	0.0372382	1.53804	1.53804	0.48113	0.880304	-1.13597	0.0780047	1.41714	1.41714	0.615076	0.913689	-1.09446	0.0143381	1.71173	1.71173
cg04572161	ZNF559	0.0392811	0.0653285	0.532418	-1.87822	0.332799	0.737577	-1.35579	0.641464	1.15359	1.15359	0.970778	0.988901	-1.01122	0.000906473	0.220444	-4.5363
cg20103843	ZNF560	2.82E-05	0.00112137	0.533244	-1.87532	0.411471	0.895771	-1.11636	0.949505	0.991734	-1.00834	0.000664067	0.505071	-1.97992	3.86E-06	0.243894	-4.10014
cg18452695	ZNF560	3.82E-05	0.0266957	1.76635	1.76635	5.24E-05	0.194368	-5.14487	3.76E-05	0.17993	-5.55772	0.000451238	0.301714	-3.3144	5.10E-05	0.193197	-5.17605
cg04062391	ZNF560	0.000603328	0.123285	1.5804	1.5804	0.00111457	0.268081	-3.73022	0.00388781	0.344432	-2.90333	0.0242759	0.478946	-2.08792	0.0393589	1.92221	1.92221
cg16646743	ZNF560	0.000720247	0.0149176	1.31361	1.31361	0.000906539	0.636213	-1.5718	0.0267886	0.787372	-1.27005	0.0634251	0.826803	-1.20948	0.000726367	0.626084	-1.59723
cg26020015	ZNF560	0.00232445	0.000607974	0.341652	-2.92696	0.0186341	0.560031	-1.78561	0.234049	0.776014	-1.28864	0.80644	1.05117	1.05117	0.000603754	0.341257	-2.93034
cg11396499	ZNF560	0.00244521	0.0892535	0.774468	-1.29121	0.370868	0.882212	-1.13351	0.0926249	0.776933	-1.28711	0.93695	0.989268	-1.01085	0.0025008	0.563926	-1.77328
cg18568589	ZNF560	0.00249955	0.000788422	11.8781	11.8781	0.00816519	0.191815	-5.21336	0.120996	0.440371	-2.27081	0.0439321	0.323241	-3.09367	0.146764	0.467842	-2.13748
cg15834814	ZNF560	0.00449756	0.830899	1.07991	1.07991	0.00370718	0.244259	-4.09402	0.0024075	0.218789	-4.57062	0.202674	0.616636	-1.6217	0.181431	0.600511	-1.66525
cg15222651	ZNF560	0.0328007	0.0990505	1.27396	1.27396	0.17015	0.82233	-1.21606	0.625671	0.936293	-1.06804	0.604337	0.932402	-1.0725	0.944701	1.00933	1.00933
cg05221167	ZNF560	0.0489914	0.00931262	10.1259	10.1259	0.804714	0.840416	-1.18989	0.281185	0.455634	-2.19474	0.20754	0.393484	-2.5414	0.957371	0.963181	-1.03823
cg18592083	ZNF561	0.000451937	0.000924631	0.589664	-1.69588	0.906131	1.01267	1.01267	0.0448196	1.27873	1.27873	0.365105	1.10445	1.10445	0.0391146	0.774996	-1.29033
cg23227837	ZNF561	0.000474909	3.53E-05	0.181347	-5.5143	0.913187	1.02359	1.02359	0.088762	0.669441	-1.49378	0.29981	1.25821	1.25821	0.00267026	0.411583	-2.42964
cg22275321	ZNF561	0.0255817	0.517704	1.06092	1.06092	0.0025109	1.46003	1.46003	0.0111567	1.33219	1.33219	0.72994	1.03174	1.03174	0.706553	1.03469	1.03469
cg03255868	ZNF561	0.0404195	0.0480557	0.757517	-1.3201	0.935226	1.01004	1.01004	0.711533	1.04671	1.04671	0.233249	0.857613	-1.16603	0.0489296	0.75856	-1.31829
cg14552354	ZNF562;ZNF562;ZNF562	0.000452323	0.39154	0.892115	-1.12093	0.00026217	0.458293	-2.18201	4.86E-05	0.370321	-2.70036	0.987129	0.997905	-1.0021	0.0101611	0.65602	-1.52434
cg17704570	ZNF562;ZNF562;ZNF562	0.00175721	0.448336	0.899726	-1.11145	0.000766086	0.498105	-2.00761	0.172369	0.81986	-1.21972	0.0654936	1.32671	1.32671	0.898216	0.982652	-1.01765
cg11564652	ZNF562;ZNF562;ZNF562	0.00634147	0.00518376	0.268743	-3.72103	0.0130364	0.333916	-2.99477	0.232313	0.640156	-1.56212	0.0709183	0.487478	-2.05138	0.00108481	0.179523	-5.57032
cg19484319	ZNF563	0.000169027	0.466444	1.222	1.222	0.584309	1.16121	1.16121	0.0968695	1.63723	1.63723	0.174272	0.676399	-1.47842	4.87E-06	0.0593696	-16.8436
cg06646262	ZNF563	0.00139028	0.750932	1.06984	1.06984	0.178955	0.738836	-1.35348	0.994441	0.998524	-1.00148	0.776287	0.941391	-1.06226	1.48E-05	0.148561	-6.73125
cg13402083	ZNF563	0.0184055	0.0214123	0.36621	-2.73068	0.283791	0.6672	-1.4988	0.573046	0.813064	-1.22992	0.0658996	0.472428	-2.11672	0.000650709	0.149588	-6.68503
cg02699408	ZNF564	0.00557463	0.0149237	1.26043	1.26043	0.126712	1.13624	1.13624	0.198303	1.11084	1.11084	0.454666	0.942818	-1.06065	0.0208465	1.23991	1.23991
cg22599071	ZNF564	0.00679854	0.0534019	0.769334	-1.29983	0.138306	0.826376	-1.2101	0.00577767	0.649077	-1.54065	0.00113801	0.564404	-1.77178	0.00526599	0.644218	-1.55227
cg02958776	ZNF564	0.0332515	0.92403	0.988714	-1.01142	0.648109	0.946786	-1.05621	0.30444	1.13492	1.13492	0.285312	1.14118	1.14118	0.755467	0.963504	-1.03788
cg10667167	ZNF564	0.0380767	0.0074006	0.517254	-1.93329	0.0117366	1.82475	1.82475	0.404917	1.17681	1.17681	0.435611	0.859019	-1.16412	0.616353	0.908001	-1.10132
cg18753625	ZNF565;ZNF146;ZNF146;ZNF146;ZNF146;ZNF146;ZNF565;ZNF146	0.00832153	0.648828	0.91966	-1.08736	0.0283524	1.60443	1.60443	0.0513755	1.49961	1.49961	0.989012	0.997487	-1.00252	0.330766	0.832504	-1.2012

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00780664	0.000389194	1.56314	1.56314	0.000387907	1.56349	1.56349	0.000537356	0.653578	-1.53004	0.719103	0.971878	-1.02894	17.8823	1.76667	0.0878171	1
cg11627582	0.691263	0.891461	-1.12175	0.0040257	0.328876	-3.04066	0.00135081	0.261894	-3.81834	0.00967243	0.389724	-2.56592	11.6517	15.2875	1.16626	1
cg10676125	0.727951	1.03387	1.03387	0.000116263	1.90444	1.90444	0.410669	1.08355	1.08355	0.117169	1.17625	1.17625	7.85707	1.13205	0.128072	1
cg06787873	0.127391	1.30885	1.30885	0.00156698	2.09958	2.09958	0.118702	0.758423	-1.31853	0.741937	0.94748	-1.05543	6.45504	2.72511	0.37526	1
cg12984036	0.621049	0.837197	-1.19446	0.0110938	0.32124	-3.11294	0.0600281	0.469306	-2.1308	0.290948	0.676531	-1.47813	5.70349	11.4857	1.79005	1
cg23642130	0.0679223	5.31358	5.31358	0.00387561	23.9948	23.9948	0.00822744	15.8215	15.8215	0.613324	1.51629	1.51629	5.4118	57.197	9.39462	1
cg06277472	0.727347	0.935627	-1.0688	0.228663	1.27146	1.27146	0.0496536	0.653318	-1.53065	0.0507762	0.655044	-1.52661	4.97473	2.84706	0.508715	1
cg19384540	0.679826	0.868223	-1.15178	0.0614772	2.04896	2.04896	0.0970837	0.537912	-1.85904	0.00249782	0.239211	-4.18041	4.96228	9.11209	1.63224	1
cg23645261	0.233633	0.589824	-1.69542	0.126449	0.4971	-2.01167	0.0191498	0.301645	-3.31515	0.663335	1.20343	1.20343	4.23385	11.9854	2.51632	1
cg11648483	0.153876	1.44225	1.44225	0.0076216	2.2773	2.2773	0.220017	0.733931	-1.36253	0.458098	1.1987	1.1987	3.89294	3.54758	0.810031	1
cg24788028	0.48485	1.22703	1.22703	0.0420729	1.96429	1.96429	0.582108	0.851972	-1.17375	0.75887	0.915077	-1.0928	3.68889	4.85393	1.16962	1
cg01094891	0.425278	1.27005	1.27005	0.0535946	0.525404	-1.9033	0.0794327	0.564593	-1.77119	0.46622	1.24323	1.24323	3.481	4.75282	1.21365	1
cg03758150	0.389092	0.765247	-1.30677	0.202868	1.50306	1.50306	0.952185	1.01834	1.01834	0.732133	1.10977	1.10977	3.42179	4.9798	1.29362	1
cg23200342	0.00118809	0.506622	-1.97386	0.000156476	0.396218	-2.52387	0.000690738	0.476615	-2.09813	0.00653596	1.65785	1.65785	27.9753	9.06888	0.288155	1
cg25498326	0.0981029	1.12242	1.12242	2.93E-05	1.68476	1.68476	0.085367	0.885985	-1.12869	0.00234527	0.763161	-1.31034	19.6278	1.25946	0.0570372	1
cg18713806	0.00672888	0.533358	-1.87491	0.000670645	0.394242	-2.53651	0.0738029	1.42829	1.42829	0.00949651	0.55556	-1.79999	13.0948	6.63585	0.45045	1
cg20700792	0.0308046	0.67534	-1.48073	0.25756	1.20065	1.20065	0.000198157	0.379969	-2.63179	0.21618	0.817557	-1.22316	12.5226	4.75073	0.337221	1
cg27389185	0.061522	0.741973	-1.34776	0.614734	0.930613	-1.07456	0.00402651	0.578422	-1.72884	0.0161641	1.51731	1.51731	12.4652	3.96372	0.282651	1
cg17431391	0.00240702	0.413167	-2.42033	0.00828743	2.02537	2.02537	0.00121948	0.371737	-2.69007	0.379773	1.2073	1.2073	11.8797	8.2249	0.61542	1
cg03320255	0.227843	0.707096	-1.41424	0.193952	0.686398	-1.45688	0.747306	0.915292	-1.09255	0.00983849	2.44331	2.44331	10.1926	12.1017	1.05537	1
cg24032872	0.99548	1.00082	1.00082	0.0583452	1.36245	1.36245	0.866337	0.975938	-1.02465	0.773647	0.959164	-1.04257	8.52701	2.82303	0.294284	1
cg12589994	0.913378	1.01641	1.01641	0.00120993	2.03182	2.03182	0.34281	1.15743	1.15743	0.215152	1.21554	1.21554	3.93811	1.39581	0.315054	1
cg27321876	0.00108289	0.151692	-6.59232	0.000400017	9.71013	9.71013	0.0013517	6.09222	6.09222	?	?	?	37.9417	49.9485	1.12839	1
cg06583518	0.064446	0.397332	-2.51679	?	?	?	0.0128894	4.3753	4.3753	0.0898955	2.26934	2.26934	24.8831	47.3773	1.36	1
cg01857594	0.150408	0.789038	-1.26737	0.1574	1.26162	1.26162	0.235034	1.21084	1.21084	0.217499	1.2207	1.2207	9.68091	3.62257	0.332619	1
cg17333479	0.0264529	1.52792	1.52792	0.722523	1.05912	1.05912	0.0164512	1.60352	1.60352	0.0319468	1.49917	1.49917	3.69817	1.51991	0.365325	1
cg15845603	0.80348	1.11264	1.11264	0.0206834	0.303405	-3.29592	0.00565774	0.211361	-4.73125	0.563478	1.28404	1.28404	3.67631	9.48419	2.57982	1
cg04599342	3.68E-06	0.175734	-5.69042	0.00648736	1.76462	1.76462	0.00102795	0.458032	-2.18326	0.031817	0.667747	-1.49757	49.1656	20.06	0.362675	1
cg17515480	0.216027	1.3059	1.3059	0.00129251	0.382474	-2.61456	0.0412369	1.62043	1.62043	0.00653604	2.06331	2.06331	9.06951	6.03586	0.591565	1
cg12242547	0.258199	0.834716	-1.19801	0.881693	0.977454	-1.02307	0.0175445	0.642362	-1.55676	0.0131195	0.624342	-1.60169	6.93115	2.57413	0.33012	1
cg22341310	0.0554596	2.09617	2.09617	0.00169819	4.61142	4.61142	0.00134671	4.89358	4.89358	0.00552576	3.46712	3.46712	6.1634	11.3477	1.63657	1
cg18405765	0.215002	0.66203	-1.5105	0.350567	0.738145	-1.35475	0.120675	0.587508	-1.70211	0.0800821	0.541386	-1.84711	5.51706	8.72511	1.40576	1
cg11873112	0.206255	0.837781	-1.19363	0.00297957	1.7177	1.7177	0.0408416	0.730947	-1.36809	0.0850412	0.776614	-1.28764	5.4044	1.50867	0.248139	1
cg20673321	0.12787	1.4591	1.4591	0.449389	0.837843	-1.19354	0.197772	1.36678	1.36678	0.443987	1.19617	1.19617	3.78256	3.15596	0.741641	1
cg03146949	0.000190873	0.592303	-1.68833	1.53E-05	0.474287	-2.10843	0.648905	1.03893	1.03893	0.603137	1.04467	1.04467	15.1407	1.66431	0.0977091	1
cg27062795	0.586009	0.863826	-1.15764	0.000519151	0.236709	-4.22459	0.00238536	0.323996	-3.08646	0.710233	0.905435	-1.10444	8.38767	9.41202	0.997445	1
cg18787401	0.00594968	1.49566	1.49566	0.0401044	0.766824	-1.30408	0.0126953	1.41436	1.41436	0.851202	1.02124	1.02124	5.46526	1.0844	0.17637	1
cg17524924	0.975306	1.01067	1.01067	0.000269741	0.128998	-7.75204	0.234146	1.53344	1.53344	0.201792	0.630013	-1.58727	5.37365	9.9995	1.65408	1
cg07928808	0.447906	0.882522	-1.13312	0.238966	1.22051	1.22051	0.857547	0.971386	-1.02946	0.672522	1.07111	1.07111	4.4975	1.8596	0.367534	1
cg27477373	0.160589	1.84091	1.84091	0.0387285	2.65014	2.65014	?	?	?	0.144772	0.528512	-1.89211	4.09373	9.55378	2.33376	1
cg18031226	0.0700323	0.81998	-1.21954	0.172113	1.15305	1.15305	0.0493755	0.802706	-1.24579	0.0140157	0.742854	-1.34616	5.95987	0.90625	0.135163	1
cg14786398	0.904647	0.967853	-1.03322	0.235203	0.712325	-1.40385	0.512479	1.19856	1.19856	0.0101284	2.42165	2.42165	5.04361	5.93832	1.04657	1
cg19533530	0.606256	1.05409	1.05409	0.00150007	0.629024	-1.58977	0.0617026	1.23763	1.23763	0.990613	1.00119	1.00119	4.66237	0.757912	0.144497	1
cg14603375	0.778199	1.04092	1.04092	0.484052	0.903921	-1.10629	0.177479	0.815812	-1.22577	0.034718	0.704928	-1.41858	3.99706	1.27716	0.284021	1
cg00846300	0.0053629	0.37267	-2.68334	0.054277	0.555483	-1.80024	0.325766	1.31406	1.31406	0.940222	1.02039	1.02039	3.93989	4.52133	1.02007	1
cg04696193	0.468764	1.08089	1.08089	0.22812	0.87503	-1.14282	0.0291907	1.31153	1.31153	0.300543	0.892965	-1.11986	6.25192	1.10269	0.156779	1
cg21994576	0.0249255	0.819716	-1.21994	8.67E-07	0.377157	-2.65142	0.964787	1.00329	1.00329	0.0396484	1.1939	1.1939	30.1324	2.6481	0.0781174	1
cg11233533	0.0443574	1.30256	1.30256	0.035061	1.32454	1.32454	0.126077	0.827415	-1.20858	0.00207302	0.608775	-1.64264	20.091	4.16871	0.184437	1
cg01859739	0.000541397	0.400611	-2.49619	0.000574784	0.403984	-2.47534	0.00324576	0.505237	-1.97927	0.536	0.898898	-1.11247	13.5037	6.18618	0.40721	1
cg14386312	0.133854	0.715781	-1.39708	0.3566	1.21665	1.21665	0.535425	1.1386	1.1386	0.0126084	1.89934	1.89934	3.68518	2.49654	0.602181	1
cg24801244	0.00345314	1.83229	1.83229	0.912333	1.01694	1.01694	0.773495	0.956945	-1.04499	0.974664	0.995168	-1.00486	3.58302	1.31985	0.327434	1
cg24737618	0.83075	0.96533	-1.03592	0.495985	1.1207	1.1207	0.24475	1.22212	1.22212	0.607707	0.918184	-1.08911	12.0722	5.19584	0.382577	1
cg24461508	0.697137	1.16324	1.16324	5.97E-05	0.0566892	-17.64	0.0894774	2.06245	2.06245	0.426377	0.730511	-1.36891	8.12244	19.2293	2.10438	1
cg14213992	0.0204711	1.70325	1.70325	0.740262	1.0655	1.0655	0.411516	1.17366	1.17366	0.707677	1.07448	1.07448	7.31234	4.21136	0.511933	1
cg06391107	0.00862032	0.79252	-1.2618	0.0816389	0.874612	-1.14336	0.119268	0.889257	-1.12453	0.156849	0.900214	-1.11085	5.60435	0.427798	0.0678517	1
cg15568892	0.10831	0.617342	-1.61985	0.0117623	2.37822	2.37822	0.0999178	0.608734	-1.64275	0.13519	0.641864	-1.55796	5.51193	6.61745	1.06717	1
cg17165905	0.457374	1.13368	1.13368	0.015609	0.611705	-1.63478	0.0329604	0.661349	-1.51206	0.767631	0.952065	-1.05035	4.32136	1.88099	0.386913	1
cg08573550	0.0586246	0.771266	-1.29657	0.056279	1.30058	1.30058	0.908733	1.01404	1.01404	0.0368845	1.34275	1.34275	4.14791	0.971065	0.208097	1
cg06860122	0.00518958	1.90432	1.90432	0.0379463	0.65695	-1.52219	0.445961	1.14527	1.14527	0.999314	1.00015	1.00015	4.87737	2.35474	0.429146	1
cg17313042	0.000301496	0.321956	-3.10601	8.02E-07	0.0780718	-12.8087	0.229752	0.784249	-1.27511	2.62E-05	0.201026	-4.97448	34.0108	20.0344	0.523609	1
cg23641305	0.00310053	0.368441	-2.71414	1.89E-05	0.116853	-8.5578	0.0870241	1.59407	1.59407	0.584446	0.872605	-1.14599	18.0797	17.433	0.857097	1
cg24765016	0.044473	1.60852	1.60852	0.866941	1.03514	1.03514	0.0987169	0.688741	-1.45192	0.110122	1.43139	1.43139	6.49013	4.36029	0.597185	1
cg21643513	0.0310995	0.808091	-1.23748	0.79297	1.0224	1.0224	0.0223547	0.794138	-1.25923	0.00334556	0.714444	-1.39969	4.39093	0.493155	0.0998332	1
cg21288315	0.00241842	0.195479	-5.11563	0.000777777	0.140193	-7.13302	0.409172	0.72167	-1.38568	0.0113746	0.293957	-3.40185	13.001	30.7463	2.10215	1
cg00496805	0.020048	1.30973	1.30973	0.000251438	0.559586	-1.78703	0.684945	1.04	1.04	0.920655	0.990465	-1.00963	8.9033	1.30399	0.130188	1
cg05364710	0.178114	0.456278	-2.19165	0.000731283	0.0598894	-16.6975	0.0146986	0.192647	-5.19084	0.0170536	0.202929	-4.92783	5.80026	27.6251	4.23354	1
cg06482263	0.272	0.731834	-1.36643	0.608134	1.15166	1.15166	0.66847	1.12483	1.12483	0.186224	1.46614	1.46614	4.73017	5.58496	1.04952	1
cg10705236	0.0455731	0.852192	-1.17344	0.336276	0.933169	-1.07162	0.0156153	1.22976	1.22976	0.0578913	1.16134	1.16134	4.42295	0.340936	0.0685185	1
cg23029635	0.104831	0.404001	-2.47524	0.0181172	0.230506	-4.33829	0.520759	1.39492	1.39492	0.0219481	0.245248	-4.07751	3.45642	14.3124	3.68074	1
cg14592770	0.248025	1.16039	1.16039	1.62E-05	0.334815	-2.98673	0.492654	1.08962	1.08962	0.050586	0.760007	-1.31578	13.5225	3.2497	0.213616	1
cg04748929	0.00738398	0.583768	-1.71301	0.00127482	0.480612	-2.08068	0.553122	0.910692	-1.09807	0.00210322	0.509434	-1.96296	10.6957	4.11847	0.342274	1
cg01601746	0.00514631	0.464322	-2.15368	0.0111322	0.516468	-1.93623	0.386169	0.831562	-1.20256	0.997818	1.00057	1.00057	5.78078	3.94687	0.606896	1
cg17684296	0.000678898	0.481238	-2.07797	0.189922	0.822414	-1.21593	0.116928	0.786741	-1.27107	0.470705	1.10886	1.10886	4.74053	1.48894	0.279189	1
cg01260688	0.110155	0.732362	-1.36544	0.025657	0.622397	-1.60669	0.239436	0.802214	-1.24655	0.136719	0.750667	-1.33215	4.28648	2.17262	0.450537	1
cg21647626	0.217948	0.660578	-1.51383	0.274074	1.43925	1.43925	0.254711	0.683533	-1.46299	0.00856597	0.34199	-2.92406	3.522	5.70969	1.44102	1
cg13644629	0.0181985	0.183524	-5.44887	0.00584495	12.7443	12.7443	0.0118516	7.25555	7.25555	0.0204799	5.06745	5.06745	37.4498	40.5339	0.649411	1
cg14994483	0.0275709	1.32165	1.32165	0.0426643	1.28373	1.28373	0.516112	0.931955	-1.07301	7.58E-05	0.46385	-2.15587	9.32308	1.69153	0.161275	1
cg05774324	0.719235	0.907097	-1.10242	0.240807	1.39332	1.39332	0.719202	1.10243	1.10243	0.402542	0.793423	-1.26036	4.32156	4.99359	1.02712	1
cg06615754	0.0777266	0.326825	-3.05974	0.0255547	0.22016	-4.54215	0.367216	0.589563	-1.69617	0.0566498	0.292088	-3.42362	6.54038	33.7049	4.58076	1
cg02951059	0.0892383	1.18588	1.18588	0.00238026	0.680224	-1.4701	0.515398	1.06184	1.06184	0.0190995	0.772558	-1.2944	5.97814	0.783604	0.116514	1
cg15636087	0.0186954	0.535975	-1.86576	0.00453028	0.437076	-2.28793	0.00490902	0.442371	-2.26054	0.623115	0.897276	-1.11448	5.58301	4.23414	0.674132	1
cg15721562	0.0220982	0.130519	-7.66171	0.0162849	0.113078	-8.84342	0.097067	0.258933	-3.862	0.0603186	0.207662	-4.81552	4.36546	38.0609	7.7499	1
cg18751674	0.352593	1.92287	1.92287	0.472324	0.606728	-1.64819	0.75793	0.809527	-1.23529	0.0291027	0.172415	-5.79996	3.76191	27.836	6.57728	1
cg09359904	0.0114414	0.715712	-1.39721	0.000148522	0.50201	-1.99199	0.844002	0.979392	-1.02104	0.804313	1.02659	1.02659	7.01099	1.24045	0.157271	1
cg11546251	1.73E-06	0.201152	-4.97136	0.351127	1.13733	1.13733	0.0565422	1.33573	1.33573	0.00110334	0.524662	-1.90599	32.8241	9.34835	0.253157	1
cg26847756	0.146291	0.788614	-1.26805	0.00782962	0.594667	-1.68161	0.0723537	0.736856	-1.35712	3.81E-05	3.33158	3.33158	13.3565	4.9055	0.326467	1
cg10133929	0.111376	0.681825	-1.46665	0.91932	0.977873	-1.02263	0.000849443	0.330414	-3.02651	0.00401748	2.3481	2.3481	7.67311	5.92715	0.686629	1
cg03820986	0.0350017	1.25817	1.25817	0.652542	0.958517	-1.04328	0.0437184	0.805146	-1.24201	0.1501	1.15514	1.15514	6.36934	0.881554	0.123027	1
cg21929600	0.82967	0.970575	-1.03032	0.0719393	0.756926	-1.32113	0.735564	1.04812	1.04812	0.000349728	2.21845	2.21845	4.96666	1.5118	0.270568	1
cg16615451	0.56132	1.2387	1.2387	0.0545275	0.451589	-2.2144	0.117559	1.85804	1.85804	0.000565768	7.00822	7.00822	4.55066	9.57369	1.87005	1
cg22722891	0.0158278	0.682829	-1.4645	0.00287824	0.589134	-1.69741	0.0922942	0.787302	-1.27016	0.168231	0.827352	-1.20868	4.4494	1.1739	0.234518	1
cg12027076	0.00629794	0.542272	-1.84409	0.0127703	0.587401	-1.70242	0.0178424	0.60941	-1.64093	0.163003	0.77406	-1.29189	4.22745	1.98046	0.416422	1
cg21865387	0.0747217	0.57452	-1.74058	0.0142605	0.430049	-2.32532	0.00365588	0.333733	-2.99641	0.204079	0.687843	-1.45382	3.93358	4.8558	1.09729	1
cg15229323	0.0194987	1.58799	1.58799	?	?	?	0.226316	0.812131	-1.23133	0.713422	0.941369	-1.06228	21.5575	8.14248	0.37771	1
cg14240072	0.152167	0.661777	-1.51108	0.000479482	0.228843	-4.36981	0.00798657	2.49685	2.49685	0.867736	1.04588	1.04588	8.293	9.51333	1.01969	1
cg08531998	0.990323	0.99834	-1.00166	0.00219064	1.80161	1.80161	0.673742	1.05974	1.05974	0.526731	0.915859	-1.09187	6.98417	2.07717	0.264366	1
cg17740065	0.32379	1.70202	1.70202	0.00898036	0.176583	-5.66304	0.00413206	0.134401	-7.44041	0.970325	0.980774	-1.0196	3.55622	13.6348	3.83408	1
cg16704464	0.481438	0.869828	-1.14965	0.00682488	1.97981	1.97981	0.637214	0.911575	-1.097	0.187283	0.761557	-1.3131	4.39849	2.64603	0.534735	1
cg08863539	5.60E-05	0.249763	-4.0038	2.64E-05	0.21447	-4.66266	0.0388959	1.55725	1.55725	0.904618	0.978038	-1.02245	17.2428	9.37085	0.483081	1
cg23246320	0.0223082	0.468859	-2.13284	0.000192972	0.176209	-5.67509	0.196784	1.45859	1.45859	0.0227969	0.470631	-2.12481	8.77735	10.6354	1.07706	1
cg07837717	0.158427	0.866972	-1.15344	0.0347824	1.26234	1.26234	0.152664	0.864995	-1.15608	0.819357	1.02189	1.02189	4.717	0.669699	0.126201	1
cg23671719	0.970954	0.988282	-1.01186	0.000851005	0.197337	-5.06747	0.720331	0.890135	-1.12343	0.501123	0.801679	-1.24738	3.99619	6.63297	1.4754	1
cg14193594	0.775558	1.04182	1.04182	0.032463	0.698526	-1.43159	0.272354	0.848969	-1.1779	0.93978	0.989231	-1.01089	3.43474	1.1172	0.289124	1
cg13753868	0.0696421	0.678269	-1.47434	5.15E-05	0.234627	-4.26208	0.0356993	1.59628	1.59628	0.000885626	0.385553	-2.59368	15.4226	8.94127	0.515333	1
cg23976934	0.249746	0.573306	-1.74427	0.656869	0.81319	-1.22972	0.0497216	0.355106	-2.81606	0.00541388	0.183966	-5.43578	4.86829	16.4934	3.01149	1
cg23194433	0.541726	0.874371	-1.14368	0.0163821	1.89204	1.89204	0.307187	0.794736	-1.25828	9.77E-05	0.222036	-4.50377	26.0085	19.457	0.66498	1
cg19038506	0.658356	0.961538	-1.04	1.39E-05	0.449671	-2.22385	0.384865	0.924482	-1.08169	0.0573767	0.82741	-1.20859	11.1851	1.37605	0.109355	1
cg09022474	0.0590114	1.54994	1.54994	0.00988733	1.9541	1.9541	0.0562293	0.641221	-1.55952	0.0706238	0.660185	-1.51473	9.72511	6.50623	0.594678	1
cg10637260	0.839496	1.06063	1.06063	0.0860208	1.73432	1.73432	0.874963	1.04677	1.04677	0.000184575	0.159832	-6.25656	8.50556	11.3484	1.18598	1
cg23071728	0.759755	1.02186	1.02186	0.298155	0.926788	-1.07899	0.0119409	1.24751	1.24751	0.305889	0.927987	-1.0776	3.58651	0.28231	0.0699683	1
cg02922642	0.311947	1.07227	1.07227	1.41E-06	2.2699	2.2699	0.00208077	0.748951	-1.3352	2.95E-05	0.579141	-1.72669	33.6972	2.37509	0.062652	1
cg23504157	0.0435729	1.37539	1.37539	0.0175483	1.48734	1.48734	0.755404	0.957985	-1.04386	0.0625903	0.749884	-1.33354	23.0183	6.87818	0.265611	1
cg04301375	0.00754569	1.4599	1.4599	0.00177505	1.63204	1.63204	0.821278	1.02522	1.02522	0.0271184	0.749816	-1.33366	6.06729	1.16415	0.170554	1
cg22715321	0.251349	1.29566	1.29566	0.0156326	1.89758	1.89758	0.55608	0.87925	-1.13733	0.450642	0.84694	-1.18072	7.62498	5.64123	0.657632	1
cg08568385	0.398225	0.85728	-1.16648	0.00208835	2.16195	2.16195	0.292159	1.2148	1.2148	0.0336981	0.643021	-1.55516	5.60295	2.81265	0.446217	1
cg04572161	0.549618	1.20255	1.20255	0.729911	0.899793	-1.11137	0.602402	1.17367	1.17367	0.864746	0.949384	-1.05331	3.70779	5.45091	1.30678	1
cg20103843	8.36E-05	0.395405	-2.52905	0.000420443	2.08065	2.08065	0.139826	1.23149	1.23149	0.00102461	0.52838	-1.89258	30.9503	8.42058	0.241838	1
cg18452695	0.000582783	0.315931	-3.16525	8.81E-05	0.218167	-4.58364	0.000136999	0.239488	-4.17557	0.0376991	0.593171	-1.68585	28.5776	21.2475	0.66089	1
cg04062391	0.974363	0.991229	-1.00885	0.0209304	0.466848	-2.14202	0.243541	0.715683	-1.39727	0.000161678	5.84506	5.84506	13.5629	16.1439	1.05804	1
cg16646743	0.181661	0.878808	-1.13791	0.000292331	0.583955	-1.71246	0.624401	0.956032	-1.04599	0.0332377	1.25455	1.25455	12.9073	1.69721	0.116882	1
cg26020015	0.898408	0.97437	-1.0263	0.00961936	1.9469	1.9469	0.609458	1.11041	1.11041	0.232037	0.775083	-1.29018	9.22733	6.03857	0.581708	1
cg11396499	0.641446	0.938039	-1.06605	0.00035756	2.18432	2.18432	0.710675	1.05213	1.05213	0.00558718	0.608759	-1.64269	9.09111	2.67834	0.261877	1
cg18568589	0.153985	2.10523	2.10523	0.0309505	0.290645	-3.44063	0.0457586	0.327253	-3.05574	0.0195046	3.9632	3.9632	9.03252	34.0342	3.3493	1
cg15834814	0.165471	1.70192	1.70192	0.00416613	0.251483	-3.97641	0.00161897	0.197038	-5.07517	0.0493762	0.446529	-2.2395	7.57897	15.5111	1.81919	1
cg15222651	0.187839	1.20547	1.20547	0.00249402	0.569719	-1.75525	0.415304	0.894506	-1.11794	0.0682517	1.31437	1.31437	3.95866	1.12397	0.252381	1
cg05221167	0.245081	2.34741	2.34741	0.475633	0.601044	-1.66377	0.249782	0.42994	-2.32591	0.0147304	8.22103	8.22103	3.41445	26.6348	6.93388	1
cg18592083	0.4645	0.923597	-1.08272	1.14E-05	0.369885	-2.70354	0.82377	0.976469	-1.0241	0.549379	0.937374	-1.06681	14.6963	2.65293	0.16046	1
cg23227837	0.000252956	0.275445	-3.63049	0.807556	1.05355	1.05355	0.20517	0.751454	-1.33075	0.00192297	0.391148	-2.55658	14.4959	10.4907	0.643288	1
cg22275321	0.452392	1.07147	1.07147	0.0600951	0.825937	-1.21075	0.468627	0.935674	-1.06875	0.130878	1.15846	1.15846	4.32247	0.556622	0.114466	1
cg03255868	0.114313	0.809701	-1.23502	0.00144959	0.568062	-1.76037	0.210142	0.850185	-1.17622	0.349603	0.888402	-1.12562	3.669	0.877655	0.212629	1
cg14552354	0.192818	0.835911	-1.1963	0.4482	1.10574	1.10574	0.000230982	0.451592	-2.21439	0.0223027	0.700376	-1.4278	14.6928	3.93524	0.238075	1
cg17704570	0.00251821	1.77476	1.77476	0.00181284	0.54529	-1.83389	0.462523	1.10768	1.10768	0.0387761	1.38713	1.38713	10.0114	2.96507	0.263263	1
cg11564652	0.00556114	0.27335	-3.65832	0.0134894	0.336539	-2.97142	0.580562	1.21987	1.21987	0.0148719	0.344122	-2.90595	6.82139	13.6994	1.78516	1
cg19484319	0.000183449	0.180764	-5.53206	0.808391	0.936388	-1.06793	0.204406	0.696075	-1.43663	0.17248	1.48114	1.48114	19.2272	22.2856	1.03028	1
cg06646262	0.0277061	0.575956	-1.73624	0.452568	1.17613	1.17613	0.710782	0.924076	-1.08216	0.808053	0.94971	-1.05295	10.7109	7.62402	0.63271	1
cg13402083	0.0330806	0.404325	-2.47325	0.0193427	0.357764	-2.79513	0.286998	0.669132	-1.49447	0.31608	0.686137	-1.45743	4.8387	10.1204	1.85916	1
cg02699408	0.000818258	1.47698	1.47698	0.0146348	0.792615	-1.26165	0.365126	1.0746	1.0746	0.189033	0.898	-1.11359	7.09811	0.67205	0.0841601	1
cg22599071	0.0105378	0.680731	-1.46901	0.294634	0.878182	-1.13872	0.227155	1.16361	1.16361	0.0330121	0.742335	-1.3471	6.67557	1.51008	0.201075	1
cg02958776	0.000910529	1.80438	1.80438	0.0301158	1.3546	1.3546	0.146916	1.20353	1.20353	0.774228	1.03482	1.03482	3.93929	0.883563	0.199373	1
cg10667167	0.276438	1.24145	1.24145	0.212744	0.778237	-1.28496	0.201666	0.77291	-1.29381	0.516839	1.13379	1.13379	3.75037	2.16805	0.513857	1
cg18753625	0.77154	0.948206	-1.05462	0.000545181	0.374762	-2.66836	0.150383	1.32525	1.32525	0.0866651	1.41295	1.41295	6.26586	3.31141	0.469763	1

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Probeset ID	UCSC_REFGENE_NAME ZNF565;ZNF146;ZNF146;ZNF565;ZNF14	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg10667810	6	0.00727607	0.0114366	0.594472	1.68217	0.654201	0.698621	-1.43139	0.128172	1.34103	0.501487	0.893947	-1.11863	0.0058166	0.552837	-1.80885	0.055459	0.699971	-1.42863	0.000590588	0.418065	-2.39197	0.00302745	0.512854	-1.94987	0.256561	0.823161	-1.21483	0.53571	2.7953	0.380175	1
cg02848329	ZNF565;ZNF565	0.013075	0.763236	1.08918	1.08918	1.008947	1.63933	1.63933	0.0712404	1.76777	1.76777	0.997759	1.00079	1.00079	0.0545047	0.539658	-1.85303	0.0105229	0.402462	-2.48471	0.00187493	0.2874	-3.47947	0.612762	1.15525	1.15525	0.237246	0.704614	-1.41922	5.41995	6.86275	1.12551	1
cg16738652	ZNF565;ZNF566;ZNF566;ZNF566	9.99E-05	0.077601	0.859691	-1.16321	0.0049327	0.750506	-1.33243	2.05E-05	1.94109	1.94109	0.1297	1.13447	1.13447	0.0516227	1.18617	1.18617	0.158123	1.12333	1.12333	2.98E-05	0.532837	-1.8778	0.859	1.16338	1.16338	0.0864075	1.001458	1.001458	2.14338	2.083287	0.0836257	1
cg24304733	ZNF565;ZNF566;ZNF566;ZNF566	0.0100177	0.0674267	1.10129	1.10129	0.181173	1.06912	1.06912	0.037096	1.12071	1.12071	0.608407	1.02461	1.02461	0.0182021	0.873726	-1.14452	0.000540999	1.28824	1.28824	0.804505	1.01175	0.918822	0.995212	-1.00481	0.955527	1.00263	1.00263	5.90727	0.207407	0.0312093	1
cg03767909	ZNF565;ZNF566;ZNF566;ZNF566	0.0158717	0.173574	0.82253	-1.21576	0.0890916	0.777794	-1.28569	0.47696	0.907032	1.10225	0.957789	1.00717	1.00717	0.0155681	0.670548	-1.49132	0.291211	0.862614	-1.15927	0.000372601	0.463844	-2.1559	0.56795	1.081	1.081	0.605407	0.932091	-1.07286	5.08458	1.46624	0.256329	1
cg21076702	ZNF565;ZNF566;ZNF566;ZNF566	0.018565	?	?	?	0.012772	5.7614	5.7614	0.0468718	0.280666	-3.56295	?	?	?	?	?	?	0.00874556	0.149743	-6.67812	0.315603	0.565435	-1.76855	0.84477	1.11314	1.11314	0.323674	0.571203	-1.75069	5.73453	17.7148	3.60399	1
cg21123136	ZNF565;ZNF566;ZNF566;ZNF566	0.0223402	0.278354	1.14577	1.14577	0.0995856	1.26358	1.26358	0.1158868	0.833638	-1.22005	0.328013	0.88525	-1.12962	0.00740519	0.659349	-1.51665	0.0657329	1.28112	1.28112	0.0165881	1.42702	1.42702	0.742528	0.960985	-1.0406	0.558613	1.07402	1.07402	4.46882	1.03148	0.205171	1
cg21775899	ZNF565;ZNF566;ZNF566;ZNF566	0.0330994	0.277623	1.729125	-1.37151	0.737004	1.73242	1.73242	0.175319	1.49672	1.49672	0.900044	1.03579	1.03579	0.5788104	0.854787	-1.16988	0.547143	0.843269	-1.18586	0.00291804	0.318451	-3.1402	0.0691321	0.560082	-1.76653	0.189245	1.47568	3.74578	3.89247	4.102115	1
cg15203817	ZNF565;ZNF566;ZNF566;ZNF566	0.0373427	0.0817569	0.803941	-1.24387	0.0719414	1.25517	1.25517	0.147612	1.19217	1.19217	0.22433	1.15611	1.15611	0.92188	1.01116	1.01116	0.985212	0.997905	-1.0021	0.0109649	0.696875	-1.43498	0.0421035	0.76725	-1.30336	0.170368	0.847729	-1.17962	3.77714	0.7657O4	0.180196	1
cg00252654	ZNF565;ZNF566;ZNF566;ZNF566	0.0410594	0.0104605	0.749823	-1.33426	0.0364429	0.767259	-1.3036	0.128351	1.13892	1.13892	0.37544	0.950543	1.07464	0.291598	1.04046	1.04046	0.434928	0.938002	-1.06507	0.571935	0.955807	-1.04624	0.363626	0.931808	-1.0956	0.550297	0.9533	-1.04899	3.64779	0.363809	0.0881653	1
cg13332172	ZNF567	3.40E-05	0.999322	0.999935	-1.00006	0.0371007	1.97398	1.73988	0.0121383	2.3202	1.2302	0.0114889	0.728568	-1.37256	0.0613557	0.872422	-1.14623	0.860457	1.01173	1.01173	8.37E-07	0.418366	-2.39025	0.00438495	1.28676	1.28676	0.899112	1.00844	1.00844	0.409455	2.04933	0.0618226	1
cg05302002	ZNF568	0.00776474	0.0018806	0.202904	-3.41409	0.289625	0.740449	-1.35055	0.00195975	0.302164	-3.30946	0.771565	1.08222	1.08222	0.00799678	0.394811	-2.53286	0.0885958	0.598329	-1.67132	0.342894	0.765549	-1.30625	0.0850245	1.68316	1.68316	0.344011	0.766454	-1.30471	6.40295	7.58178	1.09237	1
cg03060203	ZNF565;ZNF568;ZNF821	0.000869882	9.29E-05	0.0906596	-11.0303	0.000252397	0.129047	-7.74911	0.878599	1.04883	1.04883	0.977839	0.991374	-1.0087	?	?	?	0.426774	0.775777	-1.28903	0.659223	1.1486	1.1486	0.594512	1.18271	1.18271	0.038622	2.14826	2.14826	15.2898	20.4975	1.17303	1
cg05661809	ZNF565;ZNF829	0.000855626	0.0067963	0.682736	-1.46469	0.0639112	1.25434	1.25434	0.0609524	1.46269	1.46269	0.78827	1.02972	1.02972	0.242307	0.875326	-1.14243	0.710468	1.04141	1.04141	4.37E-05	0.43248	-2.31263	0.0245793	0.74725	-1.33824	0.244882	0.876019	-1.14153	0.92297	2.30607	0.166695	1
cg20680720	ZNF565;ZNF829	0.00728328	0.354203	1.0004	1.0004	0.414222	0.776682	0.902275	-1.10831	0.222395	0.628544	1.59099	0.99231	0.996516	1.0055	0.8077	-1.23806	0.288582	1.05134	1.05134	0.0027508	0.844868	-1.18398	0.0422106	-2.07427	0.373811	0.738498	-1.39179	0.899152	1.04099	1.04098	0.157941	1.72908	4.81262	9.9551	1.84409	1
cg09560297	ZNF565;ZNF829	0.025321	0.0141048	0.41098	-2.43321	0.0322946	0.478912	-2.08807	0.212838	0.680219	-1.47011	0.814919	1.0713	1.0713	0.0176521	0.428381	-2.33437	0.100184	0.585194	-1.69723	0.00457415	0.329931	-3.03093	0.0139289	0.409773	-2.44038	0.244735	0.699504	-1.42958	4.33793	5.92613	1.21433	1
cg18244915	ZNF569	0.004608067	0.29988	0.850871	-1.17637	0.0202583	1.889321	1.88921	0.947352	1.01	1.01	0.6609615	0.725967	-1.37747	0.525128	1.00226	1.00226	0.114568	1.2967	1.2967	0.000555701	0.444863	-2.24798	0.0242628	1.01448	1.01448	0.276345	1.18673	1.18673	7.48266	2.71505	0.32184	1
cg02794244	ZNF569	0.00958945	0.8230895	0.373343	-2.68003	0.729739	1.304576	0.885881	-1.12882	0.603662	1.06524	1.750101	0.96402	1.03707	0.7114515	0.489401	-2.04281	0.745991	0.962147	-1.03934	0.00262538	0.684898	-1.46023	0.60036	0.938208	-1.06586	0.0177747	1.415589	1.47297	0.373813	0.204969	1
cg27123533	ZNF569	0.0429196	0.21831	1.24236	1.24236	0.00817039	0.567067	-1.76346	0.77372	1.0495	1.0495	0.0458105	1.46768	1.46768	0.925162	1.01587	1.01587	0.164598	1.28209	1.28209	0.980037	1.0042	1.0042	0.307498	1.19367	1.19367	0.0227048	1.57946	1.57946	1.53835	1.59621	0.395405	1
cg25737149	ZNF569	0.0480124	0.0461158	0.670766	-1.49081	0.0475406	1.18427	1.18427	0.121799	1.34062	1.34062	0.274687	1.319878	1.319878	0.0299042	1.143863	1.143863	0.116083	0.74198	-1.34775	0.1134931	1.70639	1.70639	0.674911	1.03845	1.03845	1.070549	0.244297	1.2372	1.2372	1.44063	1.66391	0.429872	1
cg14142713	ZNF569;ZNF569	0.00503489	0.932961	1.01133	1.01133	0.392177	1.12451	1.12451	0.848341	1.02596	1.02596	0.00315605	1.71599	1.71599	0.0027053	1.876172	1.876172	0.0090221	1.55887	1.55887	0.300229	0.86615	-1.15453	0.745998	0.957427	-1.04447	0.0832598	1.29262	1.29262	3.72303	2.07812	0.252247	1
cg12280168	ZNF57	5.68E-07	0.0015956	0.918315	-1.14807	1.3935	1.3935	1.3935	0.0122284	2.24126	1.43125	0.758319	0.955974	1.06841	0.0016190	0.775452	-1.29003	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	1
cg07483273	ZNF57	0.0375029	0.617863	0.967045	-1.03408	0.856938	1.0121	1.0121	0.00362482	1.29991	1.29991	0.0486363	1.16191	1.16191	0.0460109	0.858682	1.16458	0.971588	1.00238	1.00238	0.302336	1.07379	1.07379	0.353564	1.06566	1.06566	0.225949	0.91877	-1.08841	3.77124	0.265149	0.0624961	1
cg25077752	ZNF57	0.0458786	0.968061	0.98776	-1.01239	0.0648386	1.892316	1.89236	0.0913372	1.77172	1.77172	0.324239	1.36773	1.36773	0.4490505	1.2675	1.2675	0.017298	0.409097	-2.43957	0.0131474	2.57487	2.57487	0.163063	1.63913	1.63913	0.473385	1.251466	1.25146	5.50006	5.2446	1.33202	1
cg07746321	ZNF570	6.28E-05	0.0004328	0.615013	1.17073	0.2168128	1.19385	1.19385	0.0618287	1.30257	1.30257	0.0032395	1.18842	1.18842	0.0026225	1.189373	1.189373	0.0009026	0.628605	1.59098	0.0001316	0.355892	-2.80894	0.0364105	-2.74669	0.0306499	0.760939	-1.29021	0.25068	4.29424	0.149145	0.0424755	1
cg11237751	ZNF570	0.0011903	0.01875	0.725957	-1.37749	0.0493079	1.52008	1.52008	0.000189317	2.0294	2.0294	0.29323	1.13043	1.13043	0.549728	1.07042	1.07042	0.0748044	0.800001	-1.25	0.35411	0.898345	-1.11316	0.00334049	1.56691	1.56691	0.00908572	1.45172	1.45172	11.1977	2.24234	0.178	1
cg19655456	ZNF570	0.0141677	0.974384	1.07885	1.07885	0.0848939	0.979331	-1.02027	0.0215452	1.36605	1.36605	0.0664356	1.039459	-1.24532	0.4441319	1.08668	1.08668	0.114568	1.2967	1.2967	0.000555701	0.444863	-2.24798	0.0242628	1.01448	1.01448	0.276345	1.18673	1.18673	7.48266	2.71505	0.32184	1
cg21210395	ZNF570	0.0467622	0.450501	1.0474143	-1.33795	0.996003	0.998105	-1.0019	0.633159	1.1997	1.1997	0.103231	1.96376	1.96376	0.0637708	2.20137	2.20137	0.285982	1.52134	1.52134	0.0038778	4.32974	4.32974	0.106832	1.94769	1.94769	0.0167739	3.02	3.02	3.74505	7.89117	2.0185	1
cg13767162	ZNF570;ZNF569	1.03E-05	0.108063	0.726745	-1.376	0.00669796	1.89697	1.89697	0.13264	1.34365	1.34365	0.223396	1.26223	1.26223	4.80E-07	0.0763522	-13.0972	7.62E-05	0.270964	-3.69053	0.000279639	0.338968	-2.95013	0.177106	1.29844	1.29844	0.000182893	0.136132	-3.16323	40.2535	21.1276	0.466546	1
cg13997139	ZNF570;ZNF569	0.00140362	0.681059	0.837884	-1.12628	0.0675458	1.72676	1.72676	-1.80276	0.0019772	3.51612	0.000196194	1.95958	1.95958	0.0109772	1.96012	1.96012	0.9555	1.01619	1.01619	0.1036954	1.54007	1.54007	0.0215819	3.45285	3.45285	0.617963	1.15567	1.15567	0.68166	1.04063	1.16556	1
cg06328724	ZNF570;ZNF569	0.00740391	0.00726924	0.331078	-3.02043	0.0972808	0.676071	-1.47913	0.387392	1.20996	1.20996	0.575318	0.885359	-1.12949	0.00212222	0.394915	-2.53219	0.163691	0.726339	-1.37677	0.00561908	0.457485	-2.18586	0.830402	0.954907	-1.04722	0.206156	0.750614	-1.33224	6.54024	6.651472	1
cg08888354	ZNF570;ZNF569	0.00742304	0.0027183	0.307202	-3.25467	0.0238373	0.348654	0.0471	0.0013853	2.86451	1.19831	0.694035	0.867853	1.15241	0.0016474	0.605235	-1.65183	0.0062313	0.316902	-3.15562	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	1
cg21052958	ZNF572	0.00315025	0.143521	0.650697	-1.53681	4.94E-05	0.124481	-8.03336	0.0311085	0.500725	-1.9971	0.477188	0.820707	-1.21846	0.503187	0.830562	1.204	0.158602	0.662338	1.5098	0.559945	0.851168	-1.17486	0.0756486	1.71704	1.71704	0.548424	0.847035	-1.18059	8.43471	0.98403	1.05216	1
cg21963881	ZNF572	0.0113199	0.0199277	0.244733	-4.08608	0.10363	0.409974	-2.41918	0.0429528	0.311302	-3.21231	0.176002	0.489098	-2.04458	0.0479397	0.322124	-3.1044	0.0502864	0.326948	-3.05859	0.00127166	0.094858	-10.539	0.0930106	0.191468	-5.22282	0.00634223	0.168586	-5.93168	5.41118	21.5097	3.53337	1
cg24838654	ZNF572	0.0189377	0.0490227	0.4	-2.5	0.0833059	0.814809	-1.22763	0.0162449	0.406206	0.0010026	0.0012826	1.0444	1.0444	0.580811	1.14923	1.14923	0.0010026	0.0012826	0.4063357	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	0.0016902	0.379547	-2.63472	1
cg09209735	ZNF572	0.0423088	0.948588	1.04685	1.04685	0.1800733	2.74779	2.74779	0.195101	2.6459	2.6459	0.642609	0.717626	-1.39348	0.172558	0.356739	-2.80317	0.00157065	0.0397789	-25.1389	0.41921	0.556534	-1.79684	0.460892	1.70405	1.70405	0.863816	1.12963	1.12963	1.60751	28.8026	7.09696	1
cg15842559	ZNF573	0.074384	0.9988	1.00185	1.00185	0.0849599	0.993531	-1.13205	0.0015407502	0.842432	-1.18719	0.867626	0.931937	-1.07291	0.1252	0.743707	-1.34508	0.639157	1.0192	1.0192	0.0004227	0.777079	1.15741	0.0273708	1.04005	1.04005	0.0127358	1.01052	1.01052	9.01E-06	0.698301	1.43205	0.457458	0.0196878	1
cg27293358	ZNF573	0.0136632	0.0297786	0.735438	-1.35973	0.0440165	0.757247	-1.32057	0.0033204	1.61749	1.61749	0.669803	0.949765	-1.05289	0.0965765	1.24508	1.24508	0.351785	1.12203	1.12203	1.38E-05	0.380234	-2.63009	0.0038278	1.39762	1.39762	0.404662	1.107888	1.10788	5.34243	2.12159	0.203251	1
cg00592383	ZNF573	0.0416399	0.17495	0.752733	-1.32849	0.0398377	0.466662	-2.14288	0.0286537	0.601542	-1.6624	0.417067	0.849346	-1.17738	0.677612	0.920985	-1.08579	0.487563	0.870348	-1.14897	0.0667932	1.49873	1.49873	0.917528	0.979814	-1.0206	0.085075	0.687378	-1.4548	3.62889	2.22794	0.54573	1
cg22774542	ZNF574	0.0458115	0.0846659	0.749523	-1.33422	0.0603975	0.893352	-1.13205	0.0015407502	0.842432	-1.18719	0.867626	0.931937	-1.07291	0.1252	0.743707	-1.34508	0.639157	1.0192	1.0192	0.0004227	0.777079	1.15741	0.0273708	1.04005	1.04005	0.0127358	1.01052	1.01052	9.01E-06	0.698301	1.43205	0.457458	0.0196878	1
cg08872461	ZNF574	0.0044626	0.372738	0.947257	-1.05568	0.0413445	1.2557	1.2557	8.17E-05	1.52276	0.5324076	0.0240037	0.852633	-1.17284	0.474104	1.04403	1.04403	0.023786	0.852345	-1.17323	3.48E-05	0.622683	-1.60595	0.270087	1.07036	1.07036	0.0385855	1.15243	1.15243	1.39934	5.11024	0.0493603	1
cg09568956	ZNF574	0.00349295	0.188374	0.79076	-1.26455	0.0178774	0.315714	0.0001	0.0001	3.16455	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	-1.40022	0.000741102	0.420018	-2.38049	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg24376021	ZNF574	0.00763435	?	?	?	0.0151432	0.434738	-2.30024	0.00635277	0.370956	-2.69574	?	?	?	?	?	?	0.0106609	0.408124	-2.45024	?	?	0.133793	1.57051	1.57051	0.361173	1.29956	1.29956	0.95469	5.72108	1.097	1
cg01082567	ZNF574	0.0080054	0.43848	0.857727	-1.16587	0.0097511	0.993931	-1.01207	0.0215452	1.36605	1.36605	0.0664356	1.039459	-1.24532	0.4441319	1.08668	1.08668	0.114568	1.2967	1.2967	0.000555701	0.444863	-2.24798	0.0242628	1.01448	1.01448	0.276345	1.18673	1.18673	7.48266	2.71505	0.32184	1
cg03114595	ZNF574	0.0174141	0.956246	1.00999	1.00999	0.598424	0.893097	-1.1197	0.181441	1.43468	0.000666537	0.330202	-3.02845	0.0183642	0.5179553	0.887686	-1.12652	0.315122	1.20861	1.20861	0.0016644	1.56406	0.716003	0.935746	-1.06867	0.00388552	2.02742	2.02742	0.179374	1.29594	1.29594	0.4605337	1.14633	1.14633	4.5606	2.38636	0.465116	1
cg03528383	ZNF574	0.0170934	0.0195995	0.329141	-3.03795	0.0612217	0.845476	-1.18277	0.0613673	1.18417	0.0016613	0.277482	1.44898	1.44898	0.3120357	1.40975	1.40975	0.153874	1.69204	1.69204	0.0077469	2.12592	1.40985	0.0667404	1.96397	1.96397	0.822268	1.028786	-1.07667	4.44758	1.97375	1.51793	1
cg27022602	ZNF574	0.030992	0.172182	0.810242	-1.2342	0.2124887	0.637609	-1.56836	0.0308504	0.693725	-1.44358	0.268672	1.18154	1.18154	0.22716	0.832274	1.20153	0.678073	1.06231	1.06231	0.270269	1.18083	1.18083	0.0212816	0.637094	-1.56963	0.0466407	0.718999	-1.39082	4.0398	0.34154	0.295182	1
cg14730647	ZNF574	0.0339819	0.0287615	0.358936	-2.78503	0.0998765	0.270095	-3.70335	0.726762	1.14955	1.14955	0.271864	0.634834	-1.57521	0.249338	0.620238	-1.61228	0.644146	0.229207	1.65081	1.65081	0.191216	1.73282	1.73282	0.168929	9.22168	2.23185	1
cg17970176	ZNF575	9.65E-07	3.98E-05	0.248139	-4.0319	0.08937	0.080537	0.0001	0.0001	2.28309	2.28309	0.001107958	1.83336	1.83336	0.1186	0.121233	4.7341	0.000582425	0.573777	1.57377	0.000290104	2.10064	2.10064	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg10571104	ZNF575	4.14E-06	0.0161105	0.153366	1.53366	0.6515465	1.35779	1.35779	0.000799036	2.08612	2.08612	7.46E-07	0.94555	0.948855	0.928501	0.923886	-1.08238	0.202148	0.822154	-1.21602	0.638975	0.933677	-1.07103	2.35E-07	9.48479	9.48479	0.000967672	0.240085	0.240085	0.914158	0.91418	7.01377	0.296943	1
cg22159528	ZNF575	0.0096422	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0019144	1.52554	1.52554	0.271888	1.04548	1.04548	0.8743	0.812641	0.812641	0.802261	0.802261	0.0096	1
cg18457438	ZNF575	3.12E-05	0.859165	0.962438	-1.03903	0.0208031	1.82177	1.82177	0.00368899	2.33027	2.33027	0.012812	1.94722	1.94722	1.39E-06	0.0704342	-14.1977	0.507259	1.15607	1.15607	0.000613257	3.11857	3.11857	0.00814817	2.07519	2.07519	0.00902149	2.0454	2.0454	30.1564	22.1936	0.65418	1
cg04788019	ZNF575	0.0167755	0.0687756	0.615979	-1.62343	0.0055944	1.32977	1.32977	1.5157	0.515	8.44755	0.0003954	3.8276	3.8276	0.000275819	0.243257	-4.12309	0.133219	1.49711	1.49711	0.0524093	1.66293	1.66293	0.0925198	1.91949	1.91949	0.0142883	2.05184	2.05184	25.7735	25.0998	0.799677	1
cg23369753	ZNF575	0.000168837	0.835827	0.976758	-1.02379	0.00100274	0.574943	-1.7393	0.331502	0.892667	-1.12024	0.000684537	0.555544	-1.80004	0.000385825	0.567486	-1.76216	0.000242334	0.509892	-1.96133	0.000496113	0.351025	-2.84916	0.0001027	-5.44536	0.0035069	1.56435	1.56435	19.233	9.91188	0.180795	1
cg01080902	ZNF575	0.00119991	0.350534	1.2297	1.2297	0.00355781	2.33956	2.33956	0.00211396	2.53453	2.53453	0.000741821	3.01099	3.01099	0.725545	0.926959	1.0788	0.619293	0.807822	-1.11381	0.0429124	0.605688	-1.65102	0.000854133	2.93913	2.93913	0.0124462	1.95281	1.95281	10.6897	7.83985	0.651911	1
cg19703427	ZNF575	0.0051698	0.0178312	0.709712	-1.40899	0.06722	1.318569	1.31856	0.0004	3.23111	3.23111	0.0016504	2.886242	2.886242	0.0004	0.346405	2.8865	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	1
cg14032204	ZNF575	0.00623864	0.215912	0.65216	1.65216	0.0920522	0.486726	-2.05454	0.269632	0.64246	-1.55652	0.136241	1.86118	1.86118	0.360209	1.43524	1.43524	0.285084	0.652352	-1.53291	0.00150124	0.155796	-6.41863	0.0200304	3.02267	3.02267	0.0045365	4.5446	4.5446	7.90208	17.9251	1.76431	1
cg13395213	ZNF584	0.0171324	0.0804627	0.431883	-2.31603	0.0232522	0.479591	-1.58283	0.0042292	0.54434	-1.83764	0.0083235	0.667277	1.49853	0.0018504	0.61644	-1.62244	0.931254	0.940727	1.06315	0.595559	0.676277	1.47855	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg15427393	ZNF575	0.047433	0.280241	0.68201	-1.46623	0.0024917	0.238616	-4.19083	0.815755	1.08283	1.08283	0.181075	0.616226	-1.62278	0.393618	0.742349	1.34708	0.9659	0.98553	-1.01468	0.113087	1.80032	1.80032	0.145945	1.70272	1.70272	0.885515	1.05035	1.05035	3.45644	3.36373	1.63655	1
cg16648297	ZNF575;RGQ;ZNF576	5.91E-05	0.0987304	0.8514457	-1.17446	0.369084	0.921329	-1.08539	0.14587	1.14876	1.14876	0.0177871	0.774176	-1.2917	0.0222078	1.12074	1.12074	0.330967	0.914756	-1.09319	0.157	1.44048	1.44048	0.0312559	0.798936	-1.25166	0.0947927	0.84952	-1.17714	25.4674	3.18224	0.11107	1
cg08017990	ZNF575;RGQ;ZNF576	0.00134877	0.5041281	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg07643904	ZNF575;RGQ;ZNF576	0.0336249	0.5765581	0.591124	-1.69169	0.93087	1.08421	1.08421	0.00809842	0.0424336	-23.5663	0.0954145	5.51331	5.51331	0.298781	2.72813	2.72813	?	?	?	?	?	?	0.0269863	0.0875085	-11.4799	0.28071	2.84308	2.84308	4.06832	43.5208	12.2257	1
cg04592513	ZNF576	0.0045853	0.5038384	0.741625	-1.34843	0.2603183

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(1111 vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. 247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs. 477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. 5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. 5637 vs. N)	F(Error
cg16607752	ZNF587	0.0353131	0.640663	1.13196	1.127984	0.688713	-1.44898	0.299582	0.784555	-1.27431	0.167321	1.393443	1.39081	0.0372774	0.579412	-1.72589	0.042282	0.589776	-1.69556	0.0650728	0.59308	0.59308	0.327123	0.7717148	-1.95604	1.85468	3.11124	0.717453	1
cg19455368	ZNF587;ZNF587	0.0313665	0.641433	1.12891	1.123801	0.636062	0.884054	-1.13115	0.0911228	0.618105	-1.61785	0.0145668	0.459364	-2.17692	0.113947	0.64109	1.55984	0.281355	1.33571	1.33571	0.027815	1.49253	0.0023	4.5223	-1.88507	1.92705	0.758708	-1.31803	4.02253	4.25813	0.940951	1
cg09359349	ZNF589	4.58E-05	0.000104294	2.60608	2.60608	0.000184901	2.41541	2.41541	0.000103428	2.60895	2.60895	0.000184453	2.41616	2.41616	0.000588885	0.476473	-2.09876	0.000131782	2.52495	2.52495	0.340685	0.8718821	-1.14694	0.0239821	1.45647	1.45647	0.00501736	1.67923	1.67923	27.2462	8.41289	0.274665	1
cg04548495	ZNF589	0.00174306	0.0145928	4.34536	-2.3013	0.00974301	0.404179	-2.47403	0.00339377	0.31655	-3.01523	0.12405	0.503236	-1.58648	0.00518345	0.559627	-2.7802	0.0179595	0.450765	-2.2181	0.000104663	0.1495586	-6.68512	0.14993	1.53375	1.53375	0.1356955	0.640455	-1.56139	0.01949	12.3035	1.08099	1
cg06392913	ZNF589	0.00370668	0.00147525	2.08384	2.08384	0.0053861	0.556325	-1.79751	0.00448065	0.545298	-1.83386	0.194737	1.24544	1.24544	0.0785689	1.36702	1.36702	0.777368	1.0464	1.0464	0.114934	0.7601058	-1.3156	0.34975	1.16552	1.16552	0.122487	1.30709	0.03445	3.25817	0.360467	1
cg05070273	ZNF589	0.0145947	0.0159738	0.215431	-6.44148	0.173878	0.471031	-2.123	0.0450045	0.302078	-3.3304	0.291731	0.565936	-1.76698	0.00977535	0.182627	-5.47425	0.0220174	0.239473	-4.17584	0.00120125	0.0846796	-11.8092	0.808343	1.1348	1.1348	0.0447708	0.30157	-3.31598	5.22778	22.42	3.81212	1
cg07515271	ZNF589	0.0228735	0.148778	0.659307	-1.51674	0.00215477	0.313853	-3.18621	0.0527949	0.553133	-1.80788	0.965435	0.988411	-1.01173	0.762438	1.08497	1.08497	0.503093	0.832927	-1.20059	0.0129309	2.29334	2.29334	0.996068	0.998675	-1.00133	0.627479	0.876736	-1.14059	4.49339	5.14976	1.01873	1
cg02199026	ZNF589	0.0375911	0.0696241	2.41279	2.41279	0.1249747	2.01928	2.01928	0.1914152	1.95321	1.95321	0.80313	0.897249	-1.11542	0.567361	1.28522	1.28522	0.0266556	1.12713	1.12713	0.0822794	2.306	2.306	0.0028717	5.93017	5.93017	0.0214476	3.31809	3.31809	3.76801	11.2431	2.6523	1
cg25781121	ZNF589;ZNF589	0.00426896	0.079512	0.993815	-1.00623	0.00271465	2.71943	2.71943	0.2783355	0.76161	-1.31301	0.563589	0.101109	0.101109	0.914608	1.02625	1.02625	0.015753	2.04382	2.04382	0.00078148	0.2930056	-3.41233	0.551574	1.15664	1.15664	7	7	3.78669	6.46357	0.821615	1
cg17301980	ZNF592	4.31E-05	0.129736	1.36349	1.36349	0.283454	1.23502	1.23502	0.824873	1.04287	1.04287	0.0378274	0.633693	-1.57805	0.236192	0.790563	-1.26492	0.543936	1.12339	1.12339	3.86E-07	0.0637147	-15.695	0.876786	0.971038	-1.02983	0.893238	0.974886	-1.02576	27.6901	15.735	0.505117	1
cg19380161	ZNF592	0.2155	0.000329648	2.10705	2.10705	1.7364E-05	27.6279	27.6279	0.122195	1.46912	1.46912	0.00229931	4.90851	4.90851	0.012584	3.011272	3.011272	0.628083	1.20097	1.20097	0.00509607	0.2449352	-4.0424	0.0917624	2.01063	2.01063	0.639904	0.837585	1.19381	0.359233	1
cg23838179	ZNF592	0.00567217	0.178309	0.854086	-1.17084	0.00115547	0.61557	-1.69557	0.00641109	1.47864	1.47864	0.0183737	1.37099	0.210597	1.1566	1.1566	1.1566	0.652046	1.05134	1.05134	0.0188932	0.736832	0.568666	0.938438	-1.0656	0.110131	2.21172	1.21172	7.06035	1.36007	0.171231	1
cg21253742	ZNF592	0.0152738	0.545765	0.989085	-1.12239	0.0935972	0.823205	-1.60765	0.43514	1.16843	1.16843	0.764343	0.944916	-1.05828	0.0274876	0.614289	-1.6279	0.778623	1.05424	1.05424	0.122406	0.7384887	-1.36075	0.0156411	1.80274	1.80274	0.0790756	0.694628	-1.43962	3.85623	2.13304	0.491681	1
cg21851967	ZNF593	0.000902862	0.553497	1.04802	1.04802	0.8686579	0.987136	-1.01303	0.8085197	0.98115	-1.01921	0.0603098	1.38031	1.38031	0.0358806	0.826117	-1.21048	0.783738	0.978211	-1.02227	1.39E-05	0.4916881	-2.03381	0.181456	0.894939	-1.11739	0.192377	1.11401	1.11401	12.1118	1.17447	0.0861942	1
cg08729059	ZNF593	0.00444883	0.0687893	0.682254	-1.49644	0.445195	1.16652	1.16652	0.0159781	1.62061	1.62061	0.0010855	2.59714	2.59714	0.0275484	0.597045	-1.67492	0.0324308	0.609205	-1.64148	0.1375	0.7286558	-1.37239	0.0152343	0.554423	-1.80368	0.671958	0.919158	-1.08795	7.58371	4.7044	0.551404	1
cg12608609	ZNF593	0.00130971	0.0842258	-1.81728	0.0606024	0.155624	-5.41616	0.0059176	0.173703	-5.75607	0.0859763	0.133933	1.26253	0.272082	0.894774	-1.11811	0.0897044	0.0229732	0.0294724	0.257707	-3.88037	0.2509099	0.712485	-1.40354	0.000286223	0.18174	-5.50238	0.5843021	1.17243	1.17243	0.138242	1.58334	1.58334	0.8788	8.37523	1.16709	1
cg15493769	ZNF593	0.0436964	0.942232	1.01395	1.01395	0.0865172	1.43607	1.43607	0.443345	1.16112	1.16112	0.0752147	1.46031	1.46031	0.895239	1.0255	1.0255	0.191826	0.767902	-1.30225	0.00445155	0.4842717	-2.06519	0.373339	1.19086	1.19086	0.1760177	1.31651	1.31651	1.56446	2.06241	0.514316	1
cg24930443	ZNF593;ZNF593	0.000305181	0.0178012	1.72974	1.72974	0.0120272	0.848567	-1.17824	0.0157992	0.889057	-1.12549	0.0895027	1.12898	1.12898	0.0355948	1.02315	1.02315	0.255948	1.12562	1.12562	5.45E-06	0.1438051	-6.95405	0.0290624	0.988332	-1.01902	0.358036	1.19512	1.19512	9.22221	0.500667	1
cg19251549	ZNF593;ZNF593	0.00372207	0.541768	1.0842	1.0842	0.385118	1.12361	1.12361	0.344856	0.884033	-1.13581	0.640022	0.940214	-1.06359	0.845143	1.18254	1.18254	0.2395	0.851112	-1.17493	0.9316	-0.05	0.400331	-2.47948	0.123641	0.803913	-1.24392	0.0136888	0.670963	-1.49904	0.202447	2.17709	0.241161	1
cg02926055	ZNF593;ZNF593	0.0152897	0.3585443	1.01696	1.01696	0.177348	0.826483	-1.21055	0.0275482	0.68245	-1.46565	0.43514	1.16843	1.16843	0.164621	1.21213	1.21213	0.0556193	0.795026	1.12644	0.0116131	0.2316533	-4.31644	0.0715691	1.80274	1.80274	0.0790756	0.694628	-1.43962	3.85623	2.13304	0.491681	1
cg18197398	ZNF594	1.18E-05	0.00286377	0.831535	-1.20259	0.266645	0.949293	-1.05342	0.000564112	0.786382	-1.27165	2.11E-06	0.592109	-1.68888	0.00414552	0.8412297	1.18864	0.0219248	0.883716	-1.13159	0.00562383	0.84023	-1.17754	3.28E-05	1.43715	1.43715	0.000377689	1.29105	1.29105	38.8942	2.24533	0.0284607	1
cg08007395	ZNF594	0.00596419	0.223416	1.2492	1.2492	0.337117	0.841867	-1.18784	0.00411111	0.376949	-2.65288	0.0124633	1.7174	1.7174	0.0876418	1.38809	1.38809	0.0715888	0.704731	-1.41898	0.329275	0.8139351	-1.1914	0.26699	0.81779	-1.22281	0.705694	1.06822	1.06822	6.95199	3.3311	0.425918	1
cg17047734	ZNF594	0.0145244	0.0482375	0.301571	-3.31722	0.128414	0.80799	-1.23764	0.0742264	0.882909	-1.01739	0.0450579	0.598407	-1.67126	0.0315691	0.5984	-1.67126	0.0311521	0.547839	1.82535	0.00124353	0.5254838	-1.90275	0.442624	1.2048	1.2048	0.319309	1.27755	4.36243	3.81804	0.797427	1
cg02632852	ZNF594	0.0381516	0.382821	0.857359	-1.16637	0.362118	0.851223	-1.17478	0.394654	1.16174	1.16174	0.479294	0.883669	-1.13165	0.00275631	0.491523	-2.03449	0.437236	1.146	1.146	0.00814152	0.5585514	-1.79046	0.899267	0.976542	-1.02402	0.733048	1.06064	1.06064	3.74767	1.75517	0.416298	1
cg07733457	ZNF594;ZNF594	0.00240763	0.0540737	0.738222	-1.35493	0.173404	0.812371	-1.22271	0.0935694	1.7879	-1.7879	0.52322	1.49932	1.0955	0.000265699	2.2968	2.2968	0.0025435	1.78858	1.78858	0.0401775	1.37735	1.37735	0.0001	3.11033	3.11033	0.0200778	1.47038	1.47038	9.12147	2.78378	0.22128	1
cg07549924	ZNF595;ZNF718	9.00E-06	0.0774989	0.841288	-1.18865	7.92E-07	0.133756	-7.4763	0.0139691	0.913418	-1.09479	0.907685	0.989836	-1.01027	6.39E-07	0.301369	3.3182	0.8330558	0.01876	1.01876	0.0185927	0.777785	-1.2857	0.307761	1.09744	1.09744	0.0232833	0.787571	-1.26973	41.6932	0.12152	0.109189	1
cg02157401	ZNF595;ZNF718	0.00105658	0.0424128	1.13471	1.13471	0.6661762	0.894553	-1.11788	0.0259513	0.8668313	-1.15365	0.296346	0.943133	-1.0603	5.17E-05	0.6639854	-1.50626	0.0354699	1.14155	1.14155	0.192649	0.928157	-1.0774	3.55E-05	1.53947	1.53947	0.135776	1.09081	1.09081	19.6298	0.908017	0.0411582	1
cg09072796	ZNF595;ZNF718	0.00477432	0.0184644	-1.15722	0.0147137	0.751791	-1.09881	0.0211457	0.0504425	0.898483	-1.12678	0.0147982	0.763437	-1.30961	1.67E-05	0.4108184	-2.43398	0.0255553	1.12053	1.12053	0.0153803	1.30493	1.30493	0.0049721	2.12243	2.12243	0.0485891	0.816462	-1.22496	1.64747	1.85726	0.114054	1
cg01459539	ZNF595;ZNF718	0.00679753	0.176486	0.730208	-1.36947	0.00555756	0.456035	-2.21909	0.0141552	0.504025	-1.9983	0.043017	0.600777	-1.66451	0.00446098	0.30003	3.33299	0.2274004	0.757842	-1.31954	0.00558442	0.450954	-2.21752	0.0368591	0.588295	-1.69983	0.03108	0.574778	-1.7398	6.57588	0.06262	0.674085	1
cg26054975	ZNF595;ZNF596;RPL23AP53;ZNF59	0.00751266	0.177037	0.780118	-1.28155	0.0152185	0.588224	-1.70155	0.0803721	0.52464	-1.90621	0.256852	0.865393	-1.15596	0.0136364	0.4212724	-2.37384	0.0170476	0.693257	1.44202	0.0013906	0.2424869	-4.12484	0.0127705	0.732402	1.36493	0.0266958	0.626406	0.403774	-2.47663	0.0153606	0.0116	0.0	1
cg17208368	ZNF596;ZNF596;ZNF596	0.00190386	0.015277	0.437639	-2.28499	0.00448782	0.349542	-2.86089	0.0483585	1.86983	1.86983	0.0224703	0.46837	-2.13507	0.0405801	1.92719	1.92719	0.863913	0.953521	-1.04875	0.0299864	0.492468	-2.03059	0.00296827	3.09958	3.09958	0.0118187	2.39204	2.39204	9.78115	11.924	1.08363	1
cg18122708	ZNF596;ZNF596;ZNF596;RPL23AP53;ZN	0.0182627	0.00401425	0.633243	-1.57917	0.0198934	1.94004	1.94004	0.042897	1.31727	1.31727	0.0518038	1.29897	1.29897	0.398065	1.10768	1.10768	0.131033	0.842723	-1.21253	0.503348	0.1458408	1.05554	0.55054	0.60104	0.993545	-1.00634	0.456141	1.07336	0.196665	1
cg04060347	ZNF597	0.000279289	0.000591299	0.386132	-2.58979	0.123025	0.739696	-1.35191	0.732147	0.940245	-1.06355	0.35156	1.1876	1.1876	0.000189321	0.323432	-3.09184	0.934843	1.01477	1.01477	0.503667	1.12942	1.12942	1.95E-05	2.211442	-4.72943	0.005972	0.524906	-1.9051	16.7751	8.54475	0.452774	1
cg09536866	ZNF597;NAT15	7.18E-05	0.060917	1.17224	1.17224	0.0139209	0.631568	-1.58355	0.0163209	0.618414	0.0008588522	1.54482	1.54482	0.521249	1.8606883	1.145187	1.145187	0.0002	1.15482	1.15482	0.0001	1.62	1.62	0.0001	4.97572	1.17226	1.17226	0.0001	1.27164	1.27164	0.013876	1.491471	0.0001	1.749667	1
cg06410284	ZNF597;NAT15	0.00980176	0.404005	1.12964	1.12964	0.84804	0.972766	-1.028	0.00747926	0.63488	1.63488	0.0821495	1.31644	1.31644	0.0784775	1.32187	1.32187	0.0585382	1.35674	1.35674	0.00510032	2.17033	2.17033	0.0201919	1.49101	1.49101	0.01792	1.50786	1.50786	5.94856	1.91991	0.286891	1
cg09009349	ZNF597;NAT15	0.0237366	0.0173471	0.236211	-4.2335	0.00822723	0.18573	-5.38417	0.0321598	0.28658	-3.48943	0.158459	0.471993	-2.11868	0.0183169	0.240309	-4.16131	0.620175	1.2825	1.2825	0.107148	0.4165502	-2.40095	0.580348	0.757211	-1.32064	0.00641932	0.171062	-5.84585	4.43631	17.4264	3.49167	1
cg10482201	ZNF597;ZNF597;NAT15	0.000525261	0.0193953	0.193453	-5.00197244	0.140619	-7.1114	0.0129472	0.62053	2.63053	0.493845	0.806743	-1.23955	0.946401	0.97914	-1.0213	1.0213	0.269346	1.26533	1.26533	0.0514387	1.57612	1.57612	0.183912	1.3354	1.3354	0.284319	1.795965	1.25634	37.2407	1.49404	0.592633	1
cg03896694	ZNF597;ZNF597;NAT15	0.00332895	0.0616917	1.93453	1.93453	0.00197244	0.140619	-7.1114	0.0129472	0.62053	2.63053	0.493845	0.806743	-1.23955	0.946401	0.97914	-1.0213	0.7746	1.0942	1.0942	0.0232923	2.33992	2.33992	0.135373	1.65641	1.65641	0.803673	1.08123	1.08123	0.29173	2.91188	1.38402	1
cg24333473	ZNF597;ZNF597;NAT15	0.0203576	0.0203519	0.219699	-4.55245	0.0152185	0.588224	-1.70155	0.0803721	0.52464	-1.90621	0.256852	0.865393	-1.15596	0.0136364	0.4212724	-2.37384	0.0170476	0.693257	1.44202	0.0013906	0.2424869	-4.12484	0.0127705	0.732402	1.36493	0.0266958	0.626406	0.403774	-2.47663	0.0153606	0.0116	0.0	1
cg07643930	ZNF598	5.67E-06	0.0830188	0.860947	-1.16151	0.835461	0.983907	-1.01636	0.00338076	0.732779	-1.36467	4.29E-06	2.2887	2.2887	0.00417154	0.741203	-1.34916	1.70E-06	2.54733	2.54733	0.000211656	0.6169602	-1.621	0.0207458	0.804774	-1.24258	0.00154007	0.700884	-1.42677	6.98313	4.52795	0.085669	1
cg10115069	ZNF598	0.00014491	7.84E-05	0.426377	-4.57478	0.0078184	11.1229	11.1229	0.00282691	0.81526	0.81526	0.0153368	-1.09485	0.0147464	0.549661	-1.81879	0.0218727	0.4151217	1.54864	0.0001	0.0018775	0.1296	1.17926	1.17926	0.375356	1.2116	0.181095	1.34539	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg10470208	ZNF598	0.0458519	0.0258419	-1.70818	0.13E-05	0.37211	-1.31454	-3.21075	0.31969	0.913418	-1.09479	0.907685	0.989836	-1.01027	6.39E-07	0.301369	3.3182	0.8330558	0.01876	1.01876	0.0185927	0.777785	-1.2857	0.307761	1.09744	1.09744	0.0232833	0.787571	-1.26973	41.6932	0.12152	0.109189	1
cg07312485	ZNF598	0.00169268	0.299984	0.778816	-1.284	0.285412	0.772422	-1.29463	0.0430552	1.71908	1.71908	0.976995	1.00673	1.00673	3.74E-05	0.158187	-6.32162	0.468995	0.842431	-1.18704	0.101445	1.51795	1.51795	0.541736	1.15461	1.15461	0.031076	0.554878	-1.8022	10.1204	8.682	0.762551	1
cg03444587	ZNF598	0.00013877	0.30774	0.864414	-1.15722	0.0147137	0.751791	-1.09881	0.0211457	0.5194594	-1.44385	0.504479	0.91016	-1.0982	0.00104546	0.5873624	-1.70256	0.8819574	1.01897	1.01897	0.178159	1.2188	1.2188	0.996825	0.99901	-1.00095	0.862467	0.976304	-1.02427	0.48489	1.245981	0.260282	1
cg03082468	ZNF598	0.00352495	0.810974	0.905149	-1.04709	0.00156559	0.61894	-1.61894	0.00188367	0.625081	0.625081	0.488491	1.34004	1.34004	0.00368585	0.195433	-5.11683	0.124943	1.99535	1.99535	0.0158247	3.41944	3.41944	0.244495	1.6593	1.6593	0.168599	1.84071	1.84071	8.15645	2.347	2.43537	1
cg00704652	ZNF598	0.00439265	7	7	7	0.629068	0.886527	-1.128	0.244567	1.34772	1.34772	0.0047268	0.395064	-2.53134	0.0170587	0.490923	-2.03745	0.0007232	1.38377	1.38377	0.0001	2.5	2.5	0.0001	2.16537	0.5145687	0.844524	1.94275	1.94275	0.061283	0.988006	-1.01208	7.79879	6.72295	0.86205	1
cg00850353	ZNF598	0.00265346	0.159005	-6.2891	0.0142702	0.262717	3.80638	0.0496468	0.590594	-2.5602	0.0597732	0.360822	-2.55874	0.0059854	0.249135	4.89872	-4.01	0.4560084	0.71477	1.39905	0.00160519	0.135144	7.39954	0.0200628	0.289153	-3.45838	0.0149257	0.26608	-3.75826	5.35779	10.698	2.51399	1
cg01560283	ZNF598	0.0136979	0.232515	0.714873	-1.39885	0.0862442	1.66221	1.66221	0.682869	1.11642	1.11642	0.0230149	0.482439	-2.0728	0.00048866	0.231128	-4.3266	0.473753	1.21571	1.21571	0.937932	1.0211	1.0211	0.652969	0.885731	-1.12901	0.73308	1.07632	1.10184	1	
cg06390368	ZNF675	7	7	7	7	0.0456025	0.315376	-3.17268	7	7	7	0.0642974	0.312903	-3.19588	0.0002256	0.4432655	-2.25649	0.0981696	1.90668	1.90668	0.0053	7	7	0.0003257	0.2254349	-4.43578	7	7	0.0555167	1	
cg05264908	ZNF598	0.0384946	0.221371	1.15254	1.15254	0.6607466	1.263	1.263	0.610683	0.944873	-1.05834	0.248115	0.87516	-1.14265	0.179842	1.17038	1.17038	0.165389	1.17752	1.17752	0.00138223	1.66894	1.66894	0.344171	1.11362	1.11362	0.650703	1.05163	1.05163	3.73541	0.721626	0.17172	1
cg16766459	ZNF598	0.0001307	0.0526378	1.89703	1.89703	0.00786184	11.1229	11.1229	0.00282691	0.81526	0.81526	0.0153368	-1.09485	0.0147464	0.549661	-1.81879	0.0218727	0.4151217	1.54864	0.0001	0.0018775	0.1296	1.17926	1.17926	0.375356	1.2116	0.181095	1.34539	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg09774615	ZNF598	0.0482048	0.901416	0.2045	0.1045	0.0136369	0.607547	-1.64596	0.369966	0.860395	-1.16226	0.837552	0.967028	-1.0341	0.535804	0.9026667	1.10783	0.0799744	0.727571	1.37444	0.432998	1.1396	1.1396	0.110902	0.753024	-1.32798	0.0139478	1.64208	1.64208	0.34544	1.45123	0.375493	1
cg18618355	ZNF599	1.28E-05	0.210368	0.819816	-1.21979	4.11E-07	0.114113	-8.76328	0.0723211	0.73943	-1.35239	0.000488764	0.439384	-2.27591	0.0307209	0.682482	-1.46524	1.66E-05	0.269195	-3.71478	0.00661235	0.588201	-1.7001	0.713777	1.05702	1.05702	0.00425028	1.77877	1.77877	38.08	13.6643	0.318962	1
cg12009980	ZNF599	2.33E-05	7	7	7	0.0156772	0.415519	-2.40677	0.0145586	0.559102	1.93192	1.93192	7	7	7	0.0010546	0.5873624	-1.70256	0.8819574	1.01897	1.01897	0.178159	1.2188	1.2188	0.996825	0.99901	-1.00095	0.862467	0.976304	-1.02427	0.48489	1.245981	0.260282	1
cg10366010	ZNF599	0.000206975	0.0397217	0.847881	-1.17941	0.243338	0.88141	-1.08841	0.242244	1.08864	1.08864	0.000604709	0.692859	-1.44329	0.00293206	0.72784	1.32784	0.0242173	1.20496	1.20496	4.87E-05	0.5886553	-1.69879	0.134135	1.11862	1.11862	0.00275614	1.33191	1.33191	18.2011	1.38809	0.0677901	1
cg04603355	ZNF599	0.00373213	0.433746	1.03451	1.03451	0.0710653	0.810483	-1.23393	0.0961	0.736883	1.36083	0.0731468	-1.27134	0.0571662	0.322201	1.03165	0.00106992	0.0631108	1.15.8458	1.12556	0.0014775	0.1064085	-15.6043	0.0015547	0.955024	1.04685	-15.6043	0.0015547	0.955024	1.04685	0.28877	-3.46296	0.0799478	0.485204	2.06068	0.485204	1
cg16644497	ZNF599	0.0149601	0.537799	-1.40917	1.40917	0.824537	0.885074	-1.12985	0.993084	0.995246	-1.00478	0.0575728	0.307074	-3.25655	7	7	7	0.000398109	0.0450977	-22.1741	0.535724	1.4117	1.4117	0.765957	0.8486339	-1.17836	0.4079798	1.58954	1.58954	5.28374	22.4845	4.2554	1
cg11856182	ZNF599	0.0421737	0.953426	0.985793	-1.01441	0.39152	0.806479	-1.23996	0.628028	1.12706	1.12706	0.267481	0.753517	-1.32711	0.96485	0.989262	-1.01085	0.0911719	0.633932	-1.57746	0.000963517	0.2999838	-3.33402	0.818406	1.22455	1.22455	0.968192	1.00982	1.61179	3.43328	0.844955	1
cg18671199	ZNF603	6.61E-05	0.137483	0.737913	-1.35551	1.66E-05	12.1972	12.1972	0.0255531	0.44625	0.44625	0.0184386	1.92778	1.92778	0.397053	0.743024	-1.34589	0.965.05	1.04.722	1.04.722	0.0001	2.5	2.5	0.0001	2.16537	0.5145687	0.844524	1.94275	1.94275	0.061283	0.988006	-1.01208	7.79879	6.72295	0.86205	1
cg05619639	ZNF600	0.000238045	0.68495	0.912675	-1.09568	0.000736098	0.316992	-3.15466	0.194837	0.735503	-1.35961	0.433648	0.836122	-1.196	3.24E-06	0.0847964	-11.793	0.940764	1.01679	1.01679	0.213044	1.34148	1.34148	0.383131	0.818444	-1.22183	0.404158	0.825947	-1.21073	17.5223	13.9268	0.706495	1
cg23881482	ZNF600	0.0460087	0.179936	0.791696	-1.26349	0.0225974	0.26885	-3.71885	0.0414455	0.77242	-1.29463	0.91037	1.0231	1.0231	0.0931111	1.9955	0.557986	0.7891548	0.889744	1.12302	0.0154796	0.7761334	-1.31348	0.0000	0.7613134	-1.31348	1.38E-05	1.96651	0.934051	1.00618	1.00618	0.361195	0.9325	-1.07239	17.5507	1.54091	0.0780427
cg06696641	ZNF605;ZNF605	0.000948817	0.950933	0.992459	-1.0076	0.592603	1.0687	1.0687	0.0317108	1.3631	1.3631	0.216056	0.852019	-1.17358	0.265408	0.866957	-1.15346	0.740204	0.959893	-1.04178	1.47

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14543630	ZNF618	0.000111613	0.0398579	0.765222	-1.30681	0.636414	0.947782	-1.0551	3.35E-06	0.290713	-3.43982	0.00475258	0.65555	-1.52544	0.000518143	0.543416	-1.84021	0.0155957	0.716068	-1.39652	0.0482933	1.28938	1.28938	0.00131079	0.590458	-1.6936	0.451571	1.09023	1.09023	21.4987	4.3192	0.178582	1
cg14486892	ZNF618	0.000340807	0.575326	0.88341	-1.13198	0.017363	0.530212	-1.88604	4.67E-06	0.100404	-9.95973	0.907916	1.02567	1.02567	0.160711	0.720246	-1.38841	0.506483	1.15908	1.15908	0.992544	0.997956	-1.00205	0.00169813	0.374607	-2.66946	0.0677392	0.638792	-1.56545	15.885	12.0678	0.675292	1
cg14037728	ZNF618	0.000645916	0.00126642	0.449339	-2.22549	0.0951483	1.36593	1.36593	3.98E-05	0.262933	-3.80325	0.810173	0.959902	-1.04177	0.00667033	0.549591	-1.81953	0.0644526	1.42371	1.42371	0.439142	0.874425	-1.14361	0.00608796	0.543888	-1.83861	0.746452	0.946324	-1.05672	13.3071	6.09515	0.407146	1
cg14436106	ZNF618	0.000826415	0.373008	0.768072	-1.30196	0.800602	0.929582	-1.07575	3.09E-05	0.0956573	-10.454	0.656609	0.878879	-1.13781	0.0627161	0.54648	-1.82989	0.152495	0.642636	-1.55609	0.125543	0.619811	-1.6134	0.000121147	0.144101	-6.93956	0.0736149	0.562447	-1.77794	12.418	16.3727	1.17197	1
cg03985630	ZNF618	0.00100361	0.0254347	0.692122	-1.44483	0.0135837	1.52668	1.52668	7.65E-05	0.370429	-2.69957	0.247134	1.18254	1.18254	0.317135	0.866516	-1.15405	0.0822085	1.30574	1.30574	0.00789381	1.6034	1.6034	0.0999677	0.779004	-1.28369	0.372392	1.13528	1.13528	11.7545	3.57355	0.270236	1
cg13482911	ZNF618	0.0013603	0.0429904	0.639505	-1.56371	0.410183	0.850715	-1.17548	3.06E-05	0.209394	-4.77569	0.774024	1.05682	1.05682	0.776377	0.9468	-1.05619	0.489164	1.1444	1.1444	0.0205536	1.70848	1.70848	0.0234244	0.594642	-1.68169	0.946233	0.987137	-1.01303	10.7781	6.2905	0.518788	1
cg20640266	ZNF618	0.00140599	0.41762	0.846117	-1.18187	0.342412	0.820921	-1.21814	2.45E-05	0.183778	-5.44136	0.815999	1.04814	1.04814	0.178469	0.749475	-1.33427	0.689767	1.08431	1.08431	0.0646192	1.52003	1.52003	0.00975162	0.517174	-1.93358	0.951244	1.01241	1.01241	10.6764	6.88116	0.572905	1
cg13901539	ZNF618	0.00251066	0.658917	0.839043	-1.19183	0.344095	0.680441	-1.46963	3.26E-05	0.0411791	-24.2842	0.77686	0.893818	-1.1188	0.0179221	0.320935	-3.11589	0.954909	1.02259	1.02259	0.295815	1.53461	1.53461	0.153028	0.546324	-1.83042	0.17486	0.565482	-1.7684	9.02074	22.2977	2.19718	1
cg13914738	ZNF618	0.0141813	0.506487	0.790043	-1.26575	0.901859	0.957783	-1.04408	0.000389442	0.138438	-7.22345	0.828511	1.0788	1.0788	0.92912	0.969371	-1.0316	0.207718	1.59119	1.59119	0.322714	1.42926	1.42926	0.0627289	0.480847	-2.07966	0.0702171	0.492798	-2.02923	5.27751	10.2182	1.72104	1
cg13623452	ZNF618	0.0170749	0.140301	1.2071	1.2071	0.0556562	1.2934	1.2934	0.00762521	1.50233	1.50233	0.0544926	1.29542	1.29542	0.15361	1.19873	1.19873	0.246023	0.865939	-1.15482	0.0332885	0.744403	-1.34336	0.0278383	1.36126	1.36126	0.0430414	1.31813	1.31813	4.96218	1.10623	0.198162	1
cg26127166	ZNF618	0.0208983	0.749119	0.90043	-1.11058	0.858499	0.943334	-1.06007	0.000347661	0.152518	-6.55659	0.351154	1.36844	1.36844	0.060495	0.500616	-1.99754	0.351189	0.730778	-1.3684	0.932261	0.972593	-1.02818	0.386781	0.748264	-1.33643	0.758001	0.903912	-1.1063	4.6347	7.84338	1.50428	1

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cg07484673	ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655	0.00970636	0.00433746	0.325365	-3.07347	0.0653315	1.83923	1.83923	0.263501	1.40962	1.40962	0.905799	0.965733	-1.03548	0.178324	0.656254	-1.5238
cg07121182	ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655	0.0391505	0.00855827	0.505248	-1.97923	0.065039	0.655966	-1.52447	0.281987	0.796475	-1.25553	0.596197	0.896872	-1.11499	0.031353	0.598115	-1.67192
cg06769082	ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655	0.00616995	0.9812	0.997487	-1.00252	0.0201031	1.34911	1.34911	0.00894496	1.42631	1.42631	0.210335	1.15138	1.15138	0.319521	1.11611	1.11611
cg27451672	ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655	0.0137111	0.122632	0.77236	-1.29473	0.192185	1.23757	1.23757	0.666553	0.935256	-1.06923	0.242013	1.20814	1.20814	0.089984	1.3345	1.3345
cg03061960	ZNF658	0.0138262	0.0614687	0.533537	-1.87428	0.00626967	2.89207	2.89207	0.0284205	2.16258	2.16258	0.373104	0.761356	-1.31345	0.163198	0.64159	-1.55863
cg13334518	ZNF658	0.0201799	0.107387	0.462863	-2.16046	0.308418	0.629943	-1.58745	0.893215	0.942825	-1.06064	0.0969115	0.449892	-2.22276	0.105873	0.461042	-2.169
cg14528441	ZNF658	0.0353091	0.0202363	1.66268	1.66268	0.0574903	1.47715	1.47715	0.371178	1.18145	1.18145	0.126142	0.740452	-1.35053	0.0223933	0.608453	-1.64351
cg15767406	ZNF660	0.00402354	0.978063	1.00274	1.00274	0.116894	0.84424	-1.1845	0.938937	0.992413	-1.00764	0.0222633	0.761605	-1.31302	0.0352695	0.783708	-1.27599
cg10318621	ZNF660	0.00673002	0.0714505	1.56671	1.56671	0.0266634	0.556666	-1.79641	0.103896	0.672609	-1.48675	0.88653	1.03236	1.03236	0.0469228	1.66077	1.66077
cg01139508	ZNF660	0.0113872	0.0417194	0.222457	-4.49525	0.0400349	4.59142	4.59142	?	?	?	0.0369445	0.208904	-4.78689	0.00193216	0.0251999	-39.6828
cg11542789	ZNF660	0.0150587	0.026078	0.67078	-1.4908	0.00350846	0.549462	-1.81996	0.182542	0.8074	-1.23854	0.872004	1.02468	1.02468	0.496947	1.10994	1.10994
cg22598028	ZNF660;ZNF660	0.000816166	0.597279	0.878868	-1.13783	0.282383	1.31065	1.31065	0.221401	1.36518	1.36518	0.000121118	0.196697	-5.08396	0.229377	1.35724	1.35724
cg03564201	ZNF662;ZNF662	1.97E-05	0.582591	1.08842	1.08842	1.20E-05	4.10782	4.10782	0.0789566	0.742467	-1.34686	0.429551	1.13099	1.13099	0.101626	0.760655	-1.31466
cg24701270	ZNF662;ZNF662	8.19E-05	0.418389	0.843121	-1.18607	0.05981	1.55004	1.55004	0.4418	1.17569	1.17569	0.585031	1.12052	1.12052	0.235747	0.773815	-1.2923
cg13871633	ZNF662;ZNF662	0.000162292	0.0342465	0.493995	-2.02431	0.000106115	7.05366	7.05366	0.162471	1.53071	1.53071	0.411365	0.786775	-1.27101	0.00444514	0.338407	-2.95503
cg15064753	ZNF662;ZNF662	0.000316504	0.00355753	0.749755	-1.33377	0.00408908	0.755075	-1.32437	0.169138	0.898693	-1.11273	0.758734	1.02272	1.02272	0.555324	0.957433	-1.04446
cg12019893	ZNF662;ZNF662	0.000721298	0.0694545	0.550101	-1.81785	0.000531717	0.20447	-4.8907	0.142948	0.629169	-1.5894	0.000155752	0.148717	-6.72419	0.00279739	0.29747	-3.36168
cg02838072	ZNF662;ZNF662	0.00090517	0.772372	0.93292	-1.0719	0.434217	0.826118	-1.21048	0.866872	0.960632	-1.04098	0.0255015	0.529697	-1.88787	0.422754	0.821993	-1.21656
cg16198129	ZNF662;ZNF662	0.00321917	0.0615595	0.812194	-1.23123	0.763697	0.970657	-1.03023	0.419577	0.921767	-1.08487	0.642966	0.954935	-1.04719	0.000157726	0.528102	-1.89357
cg06845438	ZNF662;ZNF662	0.00934968	0.00560876	0.341499	-2.92827	0.0370828	0.489091	-2.04461	0.00561184	0.341537	-2.92794	0.953829	0.983038	-1.01725	0.00214021	0.279649	-3.57592
cg26523005	ZNF662;ZNF662	0.0177076	0.374177	0.638472	-1.56624	0.00665921	5.65095	5.65095	0.365246	1.58026	1.58026	0.1247	0.441504	-2.26498	0.0467343	0.326286	-3.0648
cg15146567	ZNF662;ZNF662	0.0235872	0.0964583	0.585985	-1.70653	0.024338	2.1944	2.1944	0.917505	0.970115	-1.03081	0.566494	0.843934	-1.18493	0.207403	0.677515	-1.47598
cg19612285	ZNF662;ZNF662	0.0242704	0.666001	0.925954	-1.07997	0.0231221	1.61789	1.61789	0.821145	1.04093	1.04093	0.435206	0.868459	-1.15147	0.438575	0.869391	-1.15023
cg04146745	ZNF662;ZNF662	0.0252041	0.153493	0.505662	-1.9776	0.215814	1.78821	1.78821	0.859453	0.923966	-1.08229	0.175434	0.525778	-1.90194	0.011245	0.242449	-4.12458
cg24384244	ZNF662;ZNF662;ZNF662	0.000931065	?	?	?	0.0172129	6.9792	6.9792	0.328778	1.96349	1.96349	0.206706	0.410054	-2.4387	0.2481	0.445631	-2.24401
cg06580551	ZNF662;ZNF662;ZNF662	0.00103248	0.123289	0.36162	-2.76533	0.00248216	12.9651	12.9651	0.195533	0.43428	-2.30266	0.390312	1.70971	1.70971	0.120448	0.358356	-2.79052
cg01357292	ZNF662;ZNF662;ZNF662	0.00137681	0.93067	0.968889	-1.03211	0.00738352	3.50368	3.50368	0.495553	1.28575	1.28575	0.874139	0.944049	-1.05927	0.463921	1.31096	1.31096
cg17619311	ZNF662;ZNF662;ZNF662	0.0125903	0.294486	0.410403	-2.43663	0.0490233	6.3016	6.3016	0.986052	0.985783	-1.01442	0.180797	0.312252	-3.20255	0.166561	0.298746	-3.34733
cg10038168	ZNF664	0.00110905	0.0906661	0.783252	-1.27673	0.000186617	0.437518	-2.28562	7.71E-05	0.391267	-2.5558	0.412901	0.896091	-1.11596	0.241982	0.851717	-1.1741
cg00018739	ZNF664	0.0320179	0.0285451	0.247961	-4.0329	0.553634	0.723704	-1.38178	0.798809	0.871233	-1.1478	0.411633	0.635672	-1.57314	0.0132543	0.19078	-5.24164
cg18886739	ZNF664;CCDC92	0.00978232	0.175398	1.56311	1.56311	0.0201135	0.419326	-2.38478	0.489688	1.24299	1.24299	0.0608828	1.92495	1.92495	0.0113913	0.374627	-2.66932
cg19078769	ZNF664;ZNF664;CCDC92	0.00415527	0.0605217	0.844508	-1.18412	0.0637767	1.18105	1.18105	0.0128887	1.2796	1.2796	0.0440988	0.831352	-1.20286	0.00059391	1.52717	1.52717
cg24807264	ZNF665	3.58E-05	0.0180627	1.20861	1.20861	1.87E-05	0.5628	-1.77683	0.0572607	1.15247	1.15247	0.0929262	1.12971	1.12971	0.0154094	0.821893	-1.2167
cg02176428	ZNF665	0.000274181	0.692001	1.12799	1.12799	0.00942155	0.369533	-2.70612	0.318808	0.732237	-1.36568	0.0454369	0.499553	-2.00179	4.71E-05	0.0981598	-10.1875
cg08526140	ZNF665	0.00217575	0.00231149	2.06245	2.06245	0.141724	1.30824	1.30824	0.82892	0.963869	-1.03749	0.000484096	2.53568	2.53568	0.0399695	0.667825	-1.4974
cg26652131	ZNF665	0.00311405	0.0462663	0.691411	-1.44632	0.000531427	0.418206	-2.39117	0.00302653	0.518517	-1.92858	0.799582	1.04197	1.04197	0.196662	1.24686	1.24686
cg01421902	ZNF665	0.00412859	0.0028165	0.123998	-8.06462	0.00315561	0.129179	-7.74122	0.0142705	0.215855	-4.63274	0.606108	0.768073	-1.30196	0.000514465	0.0639249	-15.6434
cg12360029	ZNF665	0.00995248	0.892897	0.985947	-1.01425	0.410098	1.09254	1.09254	0.832212	0.977957	-1.02254	0.495169	1.07548	1.07548	0.0319348	0.767897	-1.30226
cg01620580	ZNF665	0.0173796	0.220302	2.14614	2.14614	0.462361	1.55791	1.55791	0.180032	2.32496	2.32496	?	?	?	0.0784633	3.18441	3.18441
cg23930923	ZNF665	0.0185807	0.18164	0.626105	-1.59718	0.100788	1.81041	1.81041	0.517189	0.805047	-1.24216	0.767206	0.906618	-1.103	0.0221859	0.404351	-2.4731
cg17169289	ZNF665	0.0280259	0.400242	0.812677	-1.2305	0.812796	1.05881	1.05881	0.0485164	0.581061	-1.72099	0.904005	0.971355	-1.02949	0.899854	0.970127	-1.03079
cg24464397	ZNF667;ZNF667	6.68E-05	0.629581	0.961871	-1.03964	0.0411826	1.20734	1.20734	0.00267691	1.39383	1.39383	0.233716	1.10502	1.10502	0.0584624	1.18651	1.18651
cg16873151	ZNF667;ZNF667	0.00210344	0.990021	1.00145	1.00145	0.000159185	0.473973	-2.10983	0.00111649	0.573913	-1.74243	0.120845	1.21479	1.21479	0.431006	1.09742	1.09742
cg11314748	ZNF667;ZNF667	0.0133362	0.361198	0.729345	-1.37109	0.00205642	0.232245	-4.30579	0.73824	1.11938	1.11938	0.972499	0.988476	-1.01166	0.0103417	0.337513	-2.96285
cg05508084	ZNF667;ZNF667	0.0474476	0.411049	1.22876	1.22876	0.0155277	2.06972	2.06972	0.01373	2.11007	2.11007	0.254619	0.747132	-1.33845	0.437815	0.823688	-1.21405
cg24732137	ZNF667;ZNF667;ZNF667	0.0317843	0.221575	1.21265	1.21265	0.0274823	0.676172	-1.47891	0.105171	1.30433	1.30433	0.0497508	1.39916	1.39916	0.202948	1.22347	1.22347
cg27513886	ZNF668	0.000463852	0.0103781	0.370057	-2.70229	0.0192388	0.418062	-2.39199	0.00249569	0.274196	-3.64702	0.0168333	0.40729	-2.45525	6.13E-05	0.102561	-9.75033
cg11824827	ZNF668	0.00340163	0.00218728	0.544519	-1.83648	0.200662	0.825964	-1.21071	0.387662	1.13344	1.13344	0.0242291	0.683833	-1.46234	0.0742524	0.754743	-1.32495
cg19881263	ZNF668	0.00360935	0.0147203	0.519325	-1.92558	0.0897525	0.664843	-1.50411	0.838874	0.956539	-1.04544	0.95905	1.01127	1.01127	0.000536399	0.308657	-3.23984
cg06777523	ZNF668	0.00791968	0.369019	0.811209	-1.23273	0.634412	0.897055	-1.11476	0.385374	0.817245	-1.22362	0.929015	1.02041	1.02041	0.000796537	0.317037	-3.15421
cg02831329	ZNF668	0.0216096	0.679243	0.900678	-1.11027	0.663339	1.11649	1.11649	0.467935	0.830437	-1.20419	0.224864	1.37811	1.37811	0.00426307	0.382104	-2.61709
cg27626387	ZNF668	0.0339035	0.0496223	0.51393	-1.94579	0.887509	1.04296	1.04296	0.77314	1.0897	1.0897	0.883426	0.957332	-1.04457	0.0365923	0.485824	-2.05836
cg00221525	ZNF668;ZNF646	0.00777841	0.000159425	0.290858	-3.4381	0.967963	0.992344	-1.00771	0.134911	1.36126	1.36126	0.857279	1.03505	1.03505	0.269275	0.802396	-1.24627
cg01996304	ZNF668;ZNF646	0.00811511	?	?	?	0.0184056	0.474489	-2.10753	0.00171054	0.266585	-3.75115	0.393512	1.22406	1.22406	?	?	?
cg03429475	ZNF668;ZNF646	0.0184739	0.00199867	0.460335	-2.17233	0.286732	1.2174	1.2174	0.906923	1.02102	1.02102	0.178966	0.775788	-1.28901	0.823411	1.04054	1.04054
cg09512322	ZNF668;ZNF646	0.0381396	0.00559876	0.289896	-3.44952	0.900445	1.0416	1.0416	0.362006	1.35851	1.35851	0.191554	0.634949	-1.57493	0.519067	0.807918	-1.23775
cg22710865	ZNF669;ZNF669	0.000245297	0.0002224	0.0671791	-14.8856	0.000352935	0.0803523	-12.4452	0.160182	0.517297	-1.93312	0.0659686	0.404077	-2.47477	0.000134008	0.0546431	-18.3006
cg06545762	ZNF669;ZNF669	0.00188264	0.893294	0.976959	-1.02358	0.000723246	0.409321	-2.44307	0.222696	1.24929	1.24929	0.027152	1.57497	1.57497	0.111392	0.73993	-1.35148
cg24894838	ZNF669;ZNF669	0.00298693	0.0125002	0.779315	-1.28318	0.0172597	1.26208	1.26208	0.00389626	1.36596	1.36596	0.160541	0.886666	-1.12782	0.970846	0.997072	-1.00294
cg09799690	ZNF669;ZNF669	0.0089149	0.920679	0.984583	-1.01566	0.0565295	1.40039	1.40039	0.858434	0.972534	-1.02824	0.0233028	0.655153	-1.52636	0.25037	0.829143	-1.20607
cg26536593	ZNF670	0.000460754	0.534502	1.19008	1.19008	0.00368865	2.96138	2.96138	0.0108728	2.42193	2.42193	0.225863	1.42165	1.42165	0.000564019	4.38658	4.38658
cg26606904	ZNF670	0.000701418	0.000422605	0.191285	-5.22779	0.0273388	0.461586	-2.16644	0.14121	0.625921	-1.59765	0.226637	0.686674	-1.45629	0.000115857	0.135215	-7.3956
cg14780540	ZNF670	0.00603593	0.0523493	0.688545	-1.45234	0.505494	1.12105	1.12105	0.0272574	1.55561	1.55561	0.649616	1.08042	1.08042	0.000357755	0.379563	-2.63461
cg08048222	ZNF671	0.0187136	0.858025	0.960723	-1.04088	0.544009	1.14732	1.14732	0.147336	1.41614	1.41614	0.457239	0.844163	-1.1846	0.108675	0.676014	-1.47926
cg07990873	ZNF671	0.025857	0.0140818	0.515211	-1.94095	0.755015	0.933799	-1.07089	0.00258476	0.400973	-2.49393	0.903781	0.973884	-1.02682	0.0061178	0.457073	-2.18783
cg22001557	ZNF671	0.0468561	0.0646014	0.28099	-3.55884	0.135222	0.373552	-2.677	0.71629	1.25006	1.25006	0.229256	0.462309	-2.16306	0.0144112	0.158141	-6.32347
cg19246110	ZNF671;ZNF671	0.00190285	0.0212416	0.720991	-1.38698	0.311015	1.13181	1.13181	0.652122	1.05507	1.05507	0.00682422	0.661017	-1.51282	0.0759205	0.791898	-1.26279
cg21149260	ZNF672	0.00237736	0.217428	0.824716	-1.21254	0.0123932	1.58773	1.58773	0.000274201	2.42339	2.42339	0.0769024	1.33931	1.33931	0.00828356	0.605708	-1.65096
cg18190547	ZNF672	0.00365373	0.000472059	3.71221	3.71221	0.0238046	1.90444	1.90444	0.0433427	1.74179	1.74179	0.0108061	2.14802	2.14802	0.0072617	2.28641	2.28641
cg16479674	ZNF672	0.00602094	0.00369503	0.419053	-2.38633	0.407004	0.828583	-1.20688	0.514386	1.15787	1.15787	0.306565	0.790835	-1.26449	0.0379565	0.586588	-1.70477
cg06947752	ZNF672	0.0066887	0.00274449	0.551676	-1.81266	0.330619	1.15541	1.15541	0.0145761	0.648601	-1.54178	0.0376526	0.706818	-1.41479	0.00116282	0.50342	-1.98641
cg24116222	ZNF672	0.00881945	0.381241	1.56113	1.56113	0.635392	1.2673	1.2673	0.324479	1.65639	1.65639	0.67029	1.23664	1.23664	0.000202937	0.0455005	-21.9778
cg04071948	ZNF672	0.0255033	0.203086	0.440643	-2.26941	0.0402063	0.235545	-4.24547	0.0244429	0.194897	-5.13091	0.0840871	0.311674	-3.20848	0.00765694	0.123585	-8.09162
cg07819756	ZNF672	0.0303208	0.738846	1.06472	1.06472	0.0132078	1.77848	1.77848	0.741187	0.939767	-1.06409	0.296283	1.22505	1.22505	0.980964	1.00448	1.00448
cg00358451	ZNF672	0.0374109	0.122704	1.33903	1.33903	0.0563366	1.45821	1.45821	0.61137	0.914436	-1.09357	0.019238	1.6394	1.6394	0.239034	1.24016	1.24016
cg09685528	ZNF672	0.0407941	0.00344266	0.264947	-3.77435	0.0569628	0.486672	-2.05477	0.131015	0.579768	-1.72483	0.0802448	0.52268	-1.91321	0.013267	0.358428	-2.78996
cg16126747	ZNF672	0.0410958	0.014612	0.489727	-2.04195	0.502681	0.850864	-1.17528	0.562562	0.870234	-1.14912	0.0116471	0.47304	-2.11399	0.131929	0.679732	-1.47117
cg14289114	ZNF673;ZNF673;ZNF673;ZNF673	0.000810032	0.0825306	1.39092	1.39092	0.00862854	0.562914	-1.77647	0.0034476	0.505847	-1.97688	0.0605549	0.695522	-1.43777	0.000255594	0.3558	-2.81057
cg09965404	ZNF674;LOC401588;ZNF674	0.00119467	?	?	?	0.138965	1.16199	1.16199	0.129903	0.856753	-1.1672	0.00495941	1.50423	1.50423	0.000152954	0.417402	-2.39577
cg17761837	ZNF675	0.01395	0.171646	1.30655	1.30655	0.0422993	0.650666	-1.53689	0.014442	0.574711	-1.74001	0.083773	0.703548	-1.42137	0.238735	1.25448	1.25448
cg19062689	ZNF675	0.0316761	0.0455602	0.809281	-1.23566	0.00408159	0.700674	-1.4272	0.111172	0.85201	-1.1737	0.239261	0.892488	-1.12046	0.201072	0.882833	-1.13272
cg22037408	ZNF677	0.000167276	0.0586394	0.70686	-1.41471	0.46242	1.12918	1.12918	0.13266	1.3015	1.3015	0.315798	1.18347	1.18347	9.39E-06	0.211629	-4.72524
cg09997749	ZNF677	0.00616204	0.0152684	0.613658	-1.62957	0.00231462	0.497754	-2.00903	0.0117159	1.67571	1.67571	0.126404	1.31134	1.31134	0.0579354	0.70371	-1.42104
cg24114314	ZNF677	0.0225454	0.22232	1.46244	1.46244	0.16883	1.54419	1.54419	0.0359093	0.485122	-2.06134	0.00310793	3.3161	3.3161	0.494737	1.22812	1.22812
cg25404339	ZNF677	0.0458521	0.866806	0.970692	-1.03019	0.796295	0.955192	-1.04691	0.672782	1.07818	1.07818	0.505353	1.12724	1.12724	0.168102	0.770814	-1.29733
cg23913947	ZNF678;ZNF678	4.12E-05	0.0911563	0.750473	-1.33249	0.803668	0.962301	-1.03918	0.344326	0.860471	-1.16215	0.015861	0.633931	-1.57746	0.593509	0.920244	-1.08667
cg23613389	ZNF678;ZNF678	0.000101342	0.0379254	0.702337	-1.42382	2.93E-05	0.300258	-3.33047	0.000117996	0.371775	-2.6898	0.444578	1.12122	1.12122	0.0013307	1.98394	1.98394
cg26683023	ZNF678;ZNF678	0.000216375	0.00520496	0.374374	-2.67113	0.0131845	0.440949	-2.26784	0.015659	0.454093	-2.20219	0.00194627	0.311077	-3.21463	0.000170144	0.182058	-5.49275
cg26336955	ZNF678;ZNF678	0.000300805	0.0538332	0.51066	-1.95825	0.117611	0.593494	-1.68494	0.01291	0.387703	-2.5793	0.0164248	0.4065	-2.46002	0.00072336	0.206248	-4.84854
cg25100475	ZNF678;ZNF678	0.000462399	0.570007	0.875812	-1.1418	0.0668939	1.60717	1.60717	0.865104	1.04006	1.04006	0.630963	0.894225	-1.11829	0.0600962	0.612702	-1.63211
cg25207721	ZNF678;ZNF678	0.00130297	0.0257711	0.796213	-1.25595	0.0121649	0.764184	-1.30859	0.000163554	0.575007	-1.73911	0.155834	0.877492	-1.13961	0.139863	1.1465	1.1465
cg06882842	ZNF678;ZNF678	0.00994393	0.00461397	0.15449	-6.47292	0.0714489	0.368849	-2.71114	0.0544216	0.339164	-2.94843	0.193108	0.505427	-1.97853	0.00995642	0.199355	-5.01618
cg04577979	ZNF678;ZNF678	0.0379352	0.593706	1.18616	1.18616	0.446346	1.27903	1.27903	0.00131408	0.227068	-4.40398	0.260035	1.45135	1.45135	0.227119	1.49485	1.49485
cg20999799	ZNF678;ZNF678	0.0387606	0.0253185	0.462852	-2.16052	0.672861	0.884229	-1.13093	0.0679801	0.553098	-1.808	0.383854	0.772057	-1.29524	0.0206993	0.446168	-2.24131
cg26882419	ZNF678;ZNF678;ZNF678	0.015844	0.127548	0.750158	-1.33305	0.00368482	0.504177	-1.98343	0.0235636	0.623903	-1.60281	0.0561187	0.685619	-1.45854	0.143426	0.7601	-1.31562
cg07091752	ZNF679	2.50E-09	0.00187021	0.703291	-1.42189	0.869943	1.01316	1.01316	0.000133273	0.589549	-1.69621	3.49E-10	0.0595393	-16.7956	2.28E-10	0.0509542	-19.6255
cg25743243	ZNF679	0.00217462	0.710583	0.854169	-1.17073	0.0105319	0.256396	-3.90021	0.00999725	0.252739	-3.95665	0.340304	1.51526	1.51526	0.000133675	0.0608394	-16.4367
cg27109396	ZNF679	0.00912923	0.382585	0.645865	-1.54831	0.869526	0.922876	-1.08357	0.0146959	0.230783	-4.33308	0.386199	1.54294	1.54294	0.00141613	0.104852	-9.53722
cg08555098	ZNF679;ZNF679	0.0324596	0.0980296	0.550994	-1.8149	0.109204	0.563483	-1.77468	0.0273186	0.424187	-2.35745	0.983301	1.0069	1.0069	0.0151115	0.375138	-2.66569
cg15824611	ZNF680;ZNF680	0.00485238	0.573177	1.09207	1.09207	0.782897	1.04366	1.04366	0.00304966	0.533713	-1.87366	0.196169	0.809398	-1.23549	0.721421	1.05696	1.05696
cg26809643	ZNF680;ZNF680	0.00809238	0.251711	1.32886	1.32886	0.431851	0.826563	-1.20983	0.000466377	0.270741	-3.69357	0.346968	1.25854	1.25854	0.0132407	0.482388	-2.07302
cg17054432	ZNF680;ZNF680	0.0419007	0.0224524	1.56401	1.56401	0.115778	0.756073	-1.32262	0.0423394	0.682175	-1.4659	0.055088	0.700658	-1.42723	0.256809	1.21359	1.21359
cg19599002	ZNF681	0.0335716	0.0122084	0.781676	-1.2793	0.100081	0.867506	-1.15273	0.364351	0.929109	-1.0763	0.212489	1.10914	1.10914	0.571591	0.955907	-1.04613
cg23504474	ZNF682;ZNF682	0.02253	0.627638	1.04205	1.04205	0.554785	0.950907	-1.05163	0.122825	0.868596	-1.15128	0.203734	0.893119	-1.11967	0.781837	0.976879	-1.02367
cg10705251	ZNF683;ZNF683	0.00028636	0.740672	0.925947	-1.07997	0.435148	0.831564	-1.20255	0.00125509	0.335791	-2.97805	0.963265	0.989388	-1.01073	0.592145	0.882258	-1.13346
cg08109646	ZNF683;ZNF683	0.000287047	0.0288229	0.502505	-1.99003	0.00637196	0.387589	-2.58005	0.000207903	0.190639	-5.2455	0.0031412	0.340345	-2.9382	0.0162396	0.45625	-2.19178
cg15118519	ZNF683;ZNF683	0.00033003	0.578337	1.06352	1.06352	0.0469554	0.779248	-1.28329	0.0161733	0.72419	-1.38085	0.63342	0.948665	-1.05411	0.0016583	0.610388	-1.6383
cg17465336	ZNF683;ZNF683	0.00128511	0.0340928	0.613665	-1.62955	0.000906961	0.375352	-2.66417	0.0241429	0.588074	-1.70047	0.00162944	0.410133	-2.43824	0.00284071	0.44429	-2.25078
cg11670969	ZNF683;ZNF683	0.00281082	0.610066	1.09645	1.09645	0.122322	0.740985	-1.34956	0.00244328	0.470051	-2.12743	0.229112	0.797764	-1.2535	0.00069673	0.396114	-2.52453
cg04028874	ZNF683;ZNF683	0.00301926	0.267584	1.27778	1.27778	0.0142267	0.526314	-1.90001	7.71E-05	0.218744	-4.57156	0.717498	0.925781	-1.08017	0.508266	1.15309	1.15309
cg04876693	ZNF683;ZNF683	0.00931889	0.589624	0.773471	-1.29287	0.120759	0.452149	-2.21166	0.0108117	0.220888	-4.52717	0.353718	0.637564	-1.56847	0.0526636	0.353771	-2.82669
cg06114363	ZNF683;ZNF683	0.0139769	0.0109633	0.228592	-4.37461	0.0686407	0.389758	-2.56569	0.0267259	0.29713	-3.36553	0.879927	1.07238	1.07238	0.00596453	0.189763	-5.26974
cg00851154	ZNF683;ZNF683	0.0149003	0.00289719	6.465	6.465	0.74088	0.859623	-1.1633	0.306389	1.62041	1.62041	0.621647	0.797124	-1.25451	0.182886	0.525069	-1.90451
cg00990358	ZNF684	0.00028682	0.969192	1.00399	1.00399	0.511698	0.933721	-1.07098	0.748057	1.03376	1.03376	0.737228	0.965897	-1.03531	3.78E-06	0.328826	-3.04113
cg04910638	ZNF684	0.00325003	0.173179	0.842226	-1.18733	0.000363413	1.96796	1.96796	0.140055	1.20693	1.20693	0.608052	0.940558	-1.0632	0.359953	1.11796	1.11796
cg06211871	ZNF684	0.00776312	0.00878376	0.479437	-2.08578	0.33353	1.24574	1.24574	0.771551	0.93788	-1.06623	0.000376562	0.285894	-3.4978	0.0766213	0.648007	-1.54319
cg12528403	ZNF684	0.0162242	0.267036	0.563123	-1.77581	0.000800403	0.0809695	-12.3503	0.0864806	2.56115	2.56115	0.862589	0.917564	-1.08984	0.704525	1.20829	1.20829
cg06772644	ZNF684	0.0258781	0.239265	0.462614	-2.16163	0.000732202	0.040335	-24.7923	?	?	?	0.951691	0.962813	-1.03862	0.425562	1.66355	1.66355
cg25195960	ZNF684;ZNF684	0.00201167	0.237417	1.12068	1.12068	0.547448	1.05764	1.05764	0.000513013	1.64742	1.64742	0.234213	0.891554	-1.12164	0.154514	1.1506	1.1506
cg23646212	ZNF684;ZNF684	0.0255182	0.0579461	2.0578	2.0578	0.32601	1.40694	1.40694	0.243617	1.50793	1.50793	0.817633	1.08087	1.08087	0.513479	1.24994	1.24994
cg15691841	ZNF687	0.00483633	0.251057	0.878589	-1.13819	0.168725	0.853608	-1.1715	0.0826625	0.812656	-1.23053	0.883192	0.984257	-1.01599	0.592453	1.06005	1.06005
cg02290168	ZNF687	0.00530983	0.565984	1.12623	1.12623	0.0752618	1.5005	1.5005	0.0145094	0.539561	-1.85336	0.478855	1.15893	1.15893	0.196792	0.756092	-1.32259
cg23274217	ZNF687	0.00835695	0.255116	0.823723	-1.214	0.313524	1.18546	1.18546	0.124361	1.31203	1.31203	0.381671	1.15771	1.15771	0.000300897	0.38311	-2.61021
cg20671910	ZNF687	0.0163757	0.66873	1.0918	1.0918	0.706897	0.925817	-1.08013	0.528807	1.13905	1.13905	0.00999716	1.94181	1.94181	0.121142	0.709688	-1.40907
cg19594360	ZNF687	0.0296432	0.00770141	0.427546	-2.33893	0.716437	1.09475	1.09475	0.424053	1.22459	1.22459	0.773617	0.930931	-1.07419	0.0232516	0.510125	-1.96031
cg01834625	ZNF687	0.0358144	0.229097	1.2152	1.2152	0.99414	1.00113	1.00113	0.239726	0.826865	-1.20939	0.0339938	1.46549	1.46549	0.182095	1.24447	1.24447
cg17170458	ZNF687;ZNF687	0.0134958	0.121653	0.691948	-1.4452	0.523439	0.867699	-1.15247	0.174485	1.37299	1.37299	0.850677	0.959485	-1.04223	0.000979181	0.340984	-2.93269
cg00291661	ZNF688;ZNF688	0.000111066	0.000593109	2.11852	2.11852	0.000131804	2.55729	2.55729	0.371565	1.13867	1.13867	0.00307653	1.7746	1.7746	0.655838	0.93848	-1.06555
cg10665018	ZNF688;ZNF688	0.000442178	0.00125589	0.67775	-1.47547	0.0924006	1.16526	1.16526	5.15E-05	1.86951	1.86951	0.118643	1.15014	1.15014	0.00140051	0.682401	-1.46541
cg01017926	ZNF688;ZNF688	0.000671285	0.0271726	1.45644	1.45644	0.0027535	1.81131	1.81131	0.355796	0.872328	-1.14636	0.0161056	1.52726	1.52726	0.0565843	0.733182	-1.36392
cg03143717	ZNF688;ZNF688	0.00216257	0.000211401	0.587044	-1.70345	0.244191	0.900516	-1.11047	0.0129087	1.30403	1.30403	0.983621	0.998236	-1.00177	0.0968678	0.854929	-1.16969
cg07300610	ZNF688;ZNF688	0.0105718	0.00441347	0.153037	-6.53436	0.0596411	0.349974	-2.85736	0.192402	0.50586	-1.97683	0.408945	0.658914	-1.51765	0.00347503	0.140981	-7.09318
cg01343729	ZNF688;ZNF688	0.0385333	0.934845	0.99104	-1.00904	0.260913	0.87891	-1.13777	0.266604	0.880367	-1.13589	0.00419601	0.655622	-1.52527	0.0228391	0.740946	-1.34963
cg01891002	ZNF688;ZNF688	0.0453904	0.74767	1.28202	1.28202	?	?	?	0.447918	1.81612	1.81612	0.0181879	9.73166	9.73166	0.0334959	0.141057	-7.08933
cg05045702	ZNF689	0.00142559	0.00123447	0.534972	-1.86926	0.350069	1.13585	1.13585	0.0429231	0.734521	-1.36143	0.0137003	0.667855	-1.49733	0.00125503	0.535867	-1.86613
cg03503871	ZNF689	0.00177325	0.173417	1.18031	1.18031	0.00211626	1.63973	1.63973	0.237118	0.867836	-1.15229	0.0482596	1.29475	1.29475	0.447868	0.915277	-1.09256

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07484673	0.700983	0.892578	-1.12035	0.00173046	0.268123	-3.72963	0.0183484	0.430447	-2.32316	0.847588	1.05831	1.05831	5.96717	8.19846	1.22127	1
cg07121182	0.083445	0.677064	-1.47696	0.793569	0.948023	-1.05483	0.662466	1.09351	1.09351	0.043609	1.6035	1.6035	3.71233	2.4356	0.583186	1
cg06769082	0.746829	0.966002	-1.03519	0.000448454	0.553691	-1.80606	0.480611	1.07957	1.07957	0.924931	1.01012	1.01012	6.87953	1.24252	0.160543	1
cg27451672	0.955418	0.991405	-1.00867	0.000632474	0.444495	-2.24974	0.428584	0.882686	-1.13291	0.126355	1.29092	1.29092	5.3363	2.01501	0.335649	1
cg03061960	0.823053	1.06907	1.06907	0.00739132	0.357305	-2.79873	0.468296	0.802483	-1.24613	0.194339	0.66403	-1.50596	5.32168	7.49446	1.25181	1
cg13334518	0.0816575	0.429176	-2.33005	0.00101403	0.117989	-8.47539	0.00502502	0.196548	-5.08781	0.0776222	0.423254	-2.36265	4.69027	14.2743	2.70523	1
cg14528441	0.743657	0.942154	-1.0614	0.136301	0.747165	-1.33839	0.16388	0.76356	-1.30966	0.339342	1.19581	1.19581	3.85484	2.01313	0.464209	1
cg15767406	0.706765	0.963131	-1.03828	7.62E-05	0.490209	-2.03995	0.0426062	0.792914	-1.26117	0.4638	1.07694	1.07694	7.83862	1.22659	0.139094	1
cg10318621	0.0765022	1.55188	1.55188	0.110877	1.47315	1.47315	0.0892987	1.51872	1.51872	0.00142486	0.357295	-2.79881	6.69664	5.27566	0.700274	1
cg01139508	0.732329	0.829844	-1.20505	0.0840535	3.20048	3.20048	0.374454	1.66165	1.66165	?	?	?	13.9664	43.8399	1.79368	1
cg11542789	0.610798	1.08071	1.08071	0.00495677	0.56969	-1.75534	0.0505093	0.713866	-1.40082	0.176341	1.24283	1.24283	5.17401	1.87415	0.321977	1
cg22598028	7.89E-05	0.177555	-5.63206	0.207519	0.724789	-1.37971	0.182022	0.709604	-1.40924	0.103655	0.649861	-1.53879	12.4617	11.5755	0.825677	1
cg03564201	0.0722737	0.736234	-1.35826	2.62E-05	3.56113	3.56113	0.408686	0.878977	-1.13769	3.21E-06	5.3855	5.3855	34.0258	12.5574	0.32805	1
cg24701270	0.0714897	1.51492	1.51492	0.00874519	1.99228	1.99228	0.224326	0.768423	-1.30137	8.46E-07	15.0269	15.0269	23.3539	15.7519	0.599545	1
cg13871633	0.0417355	0.511648	-1.95447	0.000358804	5.1273	5.1273	0.01223	0.410189	-2.4379	0.000369387	5.09086	5.09086	19.4395	25.0935	1.14742	1
cg15064753	0.0810624	0.868457	-1.15147	0.000151105	1.60678	1.60678	0.247522	0.915616	-1.09216	6.91E-05	0.588459	-1.69935	16.2106	1.36502	0.0748492	1
cg12019893	0.489056	0.813155	-1.22978	0.00168186	0.266732	-3.74908	0.0960688	1.71237	1.71237	0.00127435	0.25082	-3.98693	12.9021	17.6988	1.21936	1
cg02838072	0.344415	0.792041	-1.26256	0.425765	1.21495	1.21495	0.697916	0.910854	-1.09787	8.35E-06	0.0977427	-10.2309	12.1031	10.9854	0.806799	1
cg16198129	0.120176	1.18119	1.18119	0.00333324	0.673895	-1.48391	0.8435	0.980665	-1.01972	0.0068719	0.707712	-1.413	8.38053	1.29509	0.137365	1
cg06845438	0.00379485	0.315476	-3.16981	0.0912341	0.577195	-1.73252	0.303715	0.729987	-1.36989	0.053378	0.522903	-1.9124	6.03878	8.34864	1.22889	1
cg26523005	0.0426242	0.317239	-3.1522	0.0506479	2.99044	2.99044	0.193666	0.508402	-1.96695	0.113764	2.33111	2.33111	4.90203	18.783	3.40593	1
cg15146567	0.110219	0.60063	-1.66492	0.251624	1.42011	1.42011	0.00521765	2.9426	2.9426	0.0723316	1.79908	1.79908	4.446	6.03854	1.20729	1
cg19612285	0.476032	1.13699	1.13699	0.00297366	0.485732	-2.05875	0.174706	0.77435	-1.29141	0.0200161	0.608213	-1.64416	4.40228	2.188	0.441792	1
cg04146745	0.0254087	0.305636	-3.27187	0.0813036	2.36833	2.36833	0.168399	0.519503	-1.92492	0.0458936	2.7759	2.7759	4.34492	13.699	2.80256	1
cg24384244	?	?	?	0.00202393	18.4366	18.4366	0.601593	0.702834	-1.42281	7.00E-05	128.859	128.859	12.6535	69.8457	6.30843	1
cg06580551	0.605746	0.72816	-1.37332	0.000698928	23.338	23.338	0.518505	1.49005	1.49005	0.000134835	56.1682	56.1682	11.6603	68.5546	5.22606	1
cg01357292	0.934064	1.03051	1.03051	0.0441141	2.31647	2.31647	0.800608	0.91218	-1.09628	1.79E-05	24.0975	24.0975	10.7409	22.4415	1.8572	1
cg17619311	0.643845	1.46426	1.46426	0.00662693	17.934	17.934	0.589144	0.639782	-1.56303	0.00158928	40.9627	40.9627	5.48717	58.3083	9.44561	1
cg10038168	0.0205023	0.693588	-1.44178	0.0953722	1.27141	1.27141	0.162579	0.822519	-1.21578	0.228492	0.847345	-1.18016	11.4256	3.1082	0.241812	1
cg00018739	0.065709	0.328042	-3.04839	0.0032202	0.114235	-8.7539	0.0312301	0.255587	-3.91255	0.0597588	0.317754	-3.14709	3.99308	18.4203	4.1005	1
cg18886739	?	?	?	0.910118	0.9656	-1.03563	0.218539	1.49356	1.49356	0.00388798	3.3373	3.3373	6.07173	8.21321	1.3527	1
cg19078769	0.135386	0.879398	-1.13714	0.878967	0.987906	-1.01224	0.0221169	1.24496	1.24496	0.609377	1.04201	1.04201	7.76278	0.783944	0.0897667	1
cg24807264	0.00189804	0.748007	-1.33689	8.86E-06	1.88852	1.88852	0.402414	0.945032	-1.05817	0.0216712	1.19946	1.19946	29.0845	2.00502	0.0612782	1
cg02176428	0.00187264	0.263378	-3.79683	2.23E-05	0.0763158	-13.1034	0.387559	0.764992	-1.3072	0.00416687	0.313018	-3.1947	16.8599	24.4316	1.28808	1
cg08526140	0.678517	1.07345	1.07345	0.000713632	2.40214	2.40214	0.105056	1.35147	1.35147	0.104525	1.35221	1.35221	9.40774	4.30878	0.407114	1
cg26652131	0.438741	1.13615	1.13615	0.00983767	1.69443	1.69443	0.697409	0.938802	-1.06519	0.214734	1.23502	1.23502	8.46377	3.50149	0.367736	1
cg01421902	0.171747	0.478047	-2.09185	0.0167434	0.227327	-4.39895	0.0165641	0.226538	-4.41427	0.010346	0.194255	-5.14787	7.77789	31.7026	3.6231	1
cg12360029	0.0540244	1.25831	1.25831	0.00193559	0.630758	-1.58539	0.087149	0.820004	-1.21951	0.0110522	1.3977	1.3977	5.91963	1.03482	0.155389	1
cg01620580	0.387853	1.68956	1.68956	0.645032	1.31637	1.31637	0.000913902	0.0530127	-18.8634	0.518959	0.678791	-1.47321	5.0245	24.8384	4.94346	1
cg23930923	0.220106	0.653261	-1.53078	0.00322299	0.265195	-3.7708	0.00597313	0.305183	-3.27673	0.599732	1.19109	1.19109	4.82327	8.33056	1.53525	1
cg17169289	0.0345169	0.552188	-1.81098	0.0145177	0.484161	-2.06543	0.00149041	0.331733	-3.01447	0.574424	0.872255	-1.14645	4.18642	3.8473	0.816886	1
cg24464397	0.46832	1.0608	1.0608	6.94E-05	0.559154	-1.78841	0.0019214	1.42092	1.42092	6.09E-06	2.24895	2.24895	24.6576	2.49878	0.0900794	1
cg16873151	0.292621	0.881364	-1.1346	0.0339593	1.33153	1.33153	0.395067	0.904161	-1.106	0.518311	0.927053	-1.07869	9.50112	2.01312	0.18834	1
cg11314748	0.162485	1.65103	1.65103	0.0105602	0.339062	-2.94931	0.728678	1.12422	1.12422	0.0345941	0.436707	-2.28987	5.38501	9.64253	1.59167	1
cg05508084	0.0318489	1.8524	1.8524	0.495743	0.844076	-1.18473	0.341837	1.27129	1.27129	0.517468	0.851442	-1.17448	3.45604	3.28754	0.84555	1
cg24732137	0.036988	1.43836	1.43836	0.0782355	0.745578	-1.34124	0.049308	1.40033	1.40033	0.751573	1.04881	1.04881	4.00355	1.42792	0.317033	1
cg27513886	0.00031504	0.165635	-6.03737	0.00183042	0.255756	-3.90997	0.251271	1.4465	1.4465	0.00126018	0.234605	-4.26248	14.5908	21.9168	1.3352	1
cg11824827	0.379214	0.880192	-1.13612	0.00265632	1.8004	1.8004	0.185953	0.820058	-1.21943	0.00227018	0.546605	-1.82947	8.24379	2.61274	0.28172	1
cg19881263	0.000845099	0.334457	-2.98992	0.815923	0.950381	-1.05221	0.504815	0.862691	-1.15916	0.00241276	0.397618	-2.51498	8.09884	6.10944	0.670542	1
cg06777523	0.00226207	0.379494	-2.63509	0.0327663	0.567541	-1.76199	0.171228	1.39149	1.39149	0.0241639	0.54355	-1.83976	6.36432	5.18385	0.724016	1
cg02831329	0.323055	1.29277	1.29277	0.0050062	0.392857	-2.54545	0.334101	1.28483	1.28483	0.0555833	0.579403	-1.72592	4.58198	4.59301	0.891029	1
cg27626387	0.011219	0.388951	-2.57102	0.00435856	0.322392	-3.10182	0.0507982	0.516156	-1.9374	0.564864	0.841181	-1.1888	3.91184	5.47246	1.24351	1
cg00221525	0.0286832	0.610268	-1.63863	0.175217	0.758909	-1.31768	0.499145	0.87697	-1.14029	0.944453	1.01342	1.01342	6.40042	3.71183	0.515498	1
cg01996304	0.823271	0.950294	-1.05231	?	?	?	0.00926661	0.410546	-2.43578	?	?	?	12.0507	5.04436	0.418594	1
cg03429475	0.0367129	0.649492	-1.53966	0.00436387	0.50807	-1.96823	0.462077	0.875355	-1.14239	0.714356	1.06755	1.06755	4.83266	2.42017	0.44515	1
cg09512322	0.658095	1.15624	1.15624	0.479363	1.26458	1.26458	0.0253974	2.43348	2.43348	0.0591029	2.02859	2.02859	4.09896	6.73883	1.2787	1
cg22710865	0.00146336	0.132887	-7.5252	0.000180345	0.0617586	-16.1921	0.000162782	0.0592304	-16.8832	0.0383259	0.348414	-2.87015	17.3797	53.1145	2.71656	1
cg06545762	0.637319	1.08598	1.08598	0.092025	0.724588	-1.38009	0.616803	1.09158	1.09158	0.000207284	0.339984	-2.94132	9.81307	4.68896	0.424736	1
cg24894838	0.162056	0.887103	-1.12727	0.0133422	0.781945	-1.27886	0.00311155	1.38335	1.38335	0.151573	1.13121	1.13121	8.56925	0.873872	0.0906469	1
cg09799690	0.018011	0.638739	-1.56559	0.000421443	0.418247	-2.39093	0.868629	0.974509	-1.02616	0.245347	0.827335	-1.2087	6.13082	2.36262	0.342549	1
cg26536593	0.00931997	2.49028	2.49028	3.69E-05	8.98249	8.98249	0.000251851	5.31032	5.31032	0.00429801	2.87571	2.87571	14.6179	17.7165	1.07731	1
cg26606904	0.015633	0.41578	-2.40512	0.000242743	0.165805	-6.0312	0.18783	1.51176	1.51176	0.0193965	0.433003	-2.30945	13.0036	18.0571	1.23434	1
cg14780540	0.0274559	0.64333	-1.55441	0.394102	1.15908	1.15908	0.503587	1.12164	1.12164	0.44211	1.14174	1.14174	6.92638	3.13759	0.402659	1
cg08048222	0.0581569	1.61469	1.61469	0.00114931	0.343256	-2.91328	0.130591	1.441	1.441	0.582559	0.883186	-1.13226	4.81169	3.81597	0.704944	1
cg07990873	0.233639	0.760907	-1.31422	0.342542	0.807359	-1.23861	0.757054	0.934352	-1.07026	0.055587	0.62208	-1.60751	4.30636	3.26577	0.674099	1
cg22001557	0.140535	0.379266	-2.63667	0.00475683	0.10102	-9.89898	0.0433478	0.24147	-4.1413	0.144125	0.383063	-2.61053	3.47242	20.5662	5.26466	1
cg19246110	0.214371	1.16697	1.16697	7.71E-05	0.429173	-2.33006	0.103366	1.23421	1.23421	0.481687	0.918993	-1.08815	9.78266	2.16191	0.196439	1
cg21149260	0.138469	1.26728	1.26728	0.177582	0.808321	-1.23713	0.737099	1.05131	1.05131	0.0681902	0.738381	-1.35431	9.16659	3.20214	0.310513	1
cg18190547	0.00710745	2.29423	2.29423	0.946171	1.01625	1.01625	0.00125931	3.07821	3.07821	0.0990061	1.54018	1.54018	8.06921	7.28764	0.802792	1
cg16479674	0.00714748	0.462983	-2.1599	0.000349375	0.27961	-3.57641	0.0373181	0.585218	-1.70876	0.198151	0.739703	-1.35189	6.9317	5.39527	0.691864	1
cg06947752	0.304202	1.16547	1.16547	0.387156	0.880242	-1.13605	0.270355	0.847763	-1.17957	0.233512	1.19691	1.19691	6.70948	2.20047	0.291524	1
cg24116222	0.976475	0.985482	-1.01473	0.173636	2.05025	2.05025	0.406549	1.52364	1.52364	0.114918	2.3401	2.3401	6.15178	23.9647	3.46274	1
cg04071948	0.0338489	0.220654	-4.53198	0.00550842	0.108009	-9.25849	0.0547521	0.264772	-3.77683	0.0218718	0.186764	-5.35436	4.3271	25.4963	5.23755	1
cg07819756	0.00249911	0.455072	-2.19745	0.74618	0.940943	-1.06276	0.171799	0.761364	-1.31343	0.551445	1.11956	1.11956	4.07142	2.26527	0.494563	1
cg00358451	0.0201182	1.63133	1.63133	0.00528078	1.90012	1.90012	0.35437	1.18095	1.18095	0.0411579	1.50869	1.50869	3.77462	1.82156	0.42896	1
cg09685528	0.0280352	0.419954	-2.38121	0.237792	0.661373	-1.51201	0.140543	0.588589	-1.69898	0.568852	0.824881	-1.2123	3.65653	6.4729	1.57354	1
cg16126747	0.277971	0.765026	-1.30714	0.00972772	0.46006	-2.17363	0.333006	1.26755	1.26755	0.0752995	0.6249	-1.60026	3.64659	3.25537	0.793526	1
cg14289114	0.00143737	2.20488	2.20488	0.23056	1.24087	1.24087	0.136157	1.31723	1.31723	0.795792	1.04551	1.04551	12.4882	5.82323	0.414487	1
cg09965404	?	?	?	?	?	?	0.088319	1.19765	1.19765	0.853513	1.01673	1.01673	26.763	2.08782	0.0650095	1
cg17761837	0.505149	0.88316	-1.1323	0.00237254	2.17863	2.17863	0.964769	1.00815	1.00815	0.649056	0.919263	-1.08783	5.30613	2.8372	0.475292	1
cg19062689	0.55835	1.05615	1.05615	0.484451	1.06777	1.06777	0.0371399	1.25023	1.25023	0.67847	0.962256	-1.03922	4.00844	0.540758	0.119916	1
cg22037408	0.896661	0.979117	-1.02133	0.00973789	1.70065	1.70065	0.900563	0.979902	-1.02051	0.000136316	0.34228	-2.92158	19.2813	8.05504	0.371345	1
cg09997749	0.259445	0.824605	-1.2127	0.0364053	1.48989	1.48989	0.443214	0.879717	-1.13673	0.193546	0.798099	-1.25298	6.88226	2.92904	0.378304	1
cg24114314	0.0359152	2.06128	2.06128	?	?	?	0.507171	0.819198	-1.22071	0.173185	1.53655	1.53655	4.59611	5.68322	1.23653	1
cg25404339	0.0130587	0.579462	-1.72574	0.00528124	0.521179	-1.91872	0.531329	0.893717	-1.11892	0.12744	1.33922	1.33922	3.50082	1.74117	0.442098	1
cg23913947	5.73E-06	0.20684	-4.83467	3.59E-05	0.292603	-3.4176	7.66E-06	0.219594	-4.55387	0.00169113	0.500519	-1.99792	28.0134	10.5597	0.335066	1
cg23613389	0.00245033	1.85665	1.85665	0.0110055	1.59727	1.59727	0.41764	0.885499	-1.12931	0.920512	1.01476	1.01476	22.0618	7.53117	0.303438	1
cg26683023	0.000351876	0.216514	-4.61863	1.67E-05	0.0946372	-10.5667	0.00108352	0.276545	-3.61605	0.00180899	0.30664	-3.26116	17.983	20.2218	0.999553	1
cg26336955	0.000102155	0.120988	-8.26528	5.32E-05	0.0986848	-10.1333	0.000247182	0.155985	-6.41086	0.00135684	0.239794	-4.17024	16.4381	24.5346	1.32671	1
cg25100475	0.0144696	0.498567	-2.00575	3.44E-05	0.157107	-6.36508	0.000146301	0.221061	-4.52363	0.005842	0.434477	-2.30162	14.6035	12.3401	0.751119	1
cg25207721	0.000212365	0.58703	-1.70349	0.46799	0.938422	-1.06562	0.534633	0.947315	-1.05562	0.42977	1.07183	1.07183	10.9119	1.28015	0.104282	1
cg06882842	0.00323535	0.1367	-7.31531	0.00404181	0.147654	-6.77257	0.641557	1.26147	1.26147	0.0293604	0.280432	-3.56593	5.92126	23.0193	3.45562	1
cg04577979	0.168957	1.59149	1.59149	0.466345	1.26494	1.26494	0.899837	0.960862	-1.04073	0.698409	0.883868	-1.13139	3.75548	5.97886	1.41514	1
cg20999799	0.0161081	0.426074	-2.34701	0.469493	0.807996	-1.23763	0.772961	1.08742	1.08742	0.00596117	0.352876	-2.83386	3.72599	4.95329	1.18168	1
cg26882419	0.00580139	0.532347	-1.87847	0.00378348	0.5058	-1.97707	0.172955	0.776457	-1.2879	0.946148	1.01185	1.01185	5.08754	2.45257	0.42851	1
cg07091752	0.125306	0.876017	-1.14153	9.68E-09	0.156314	-6.39737	0.0709968	0.851351	-1.1746	0.000269635	0.620819	-1.61078	333.263	33.5987	0.0896156	1
cg25743243	0.153337	0.523832	-1.90901	0.922052	1.04226	1.04226	0.259553	0.608116	-1.64442	0.000951837	0.124598	-8.02582	9.40917	26.6507	2.5177	1
cg27109396	0.998892	1.00068	1.00068	0.0348227	0.300908	-3.32327	0.00330398	0.141743	-7.05504	0.0159629	0.236814	-4.22272	6.08477	22.9704	3.35561	1
cg08555098	0.328671	0.718137	-1.39249	0.00724475	0.320514	-3.11999	0.690478	1.14048	1.14048	0.0120087	0.357369	-2.79823	3.97353	6.78741	1.51836	1
cg15824611	0.00380643	0.546725	-1.82907	0.00338984	1.85216	1.85216	0.0148846	0.629138	-1.58948	0.297716	0.846183	-1.18178	7.40598	2.80774	0.336994	1
cg26809643	0.0329133	1.80835	1.80835	0.844561	1.04771	1.04771	0.367096	0.802521	-1.24607	0.744531	0.925299	-1.08073	6.32126	5.64438	0.793707	1
cg17054432	0.138179	1.29836	1.29836	0.124898	0.762076	-1.3122	0.530333	1.10957	1.10957	0.815209	0.962431	-1.03904	3.6205	1.53407	0.376637	1
cg19599002	0.0159252	1.2622	1.2622	0.635862	0.963075	-1.03834	0.779828	1.02235	1.02235	0.051091	1.19154	1.19154	3.92573	0.386876	0.087599	1
cg23504474	0.0180408	1.27387	1.27387	0.0022317	0.697087	-1.43454	0.108618	1.15889	1.15889	0.860585	0.985296	-1.01492	4.51685	0.507939	0.0999594	1
cg10705251	0.48039	1.18077	1.18077	5.85E-06	0.094447	-10.5879	0.00102022	0.323595	-3.09028	0.0528411	0.600619	-1.66495	16.6609	14.1593	0.755426	1
cg08109646	0.0025553	0.327239	-3.05587	2.08E-05	0.10098	-9.90292	0.000196936	0.188139	-5.31522	0.0423266	0.53565	-1.86689	16.65	18.7921	1.00325	1
cg15118519	0.750077	1.03567	1.03567	6.83E-06	0.334732	-2.98747	0.00358478	0.648789	-1.54133	0.51889	1.07436	1.07436	16.0257	3.05342	0.169363	1
cg17465336	0.383282	0.838172	-1.19307	9.83E-05	0.255138	-3.91944	0.317736	0.815529	-1.2262	0.00728667	0.504926	-1.98049	10.9551	6.76444	0.548861	1
cg11670969	0.935221	1.01466	1.01466	0.866874	0.970411	-1.03049	0.000289154	0.346928	-2.88244	0.921802	0.982575	-1.01773	8.725	4.42888	0.451207	1
cg04028874	0.833313	0.956256	-1.04575	0.0632892	0.641913	-1.55784	0.11139	1.44492	1.44492	0.971642	1.00757	1.00757	8.5419	6.09439	0.634196	1
cg04876693	0.686848	0.825992	-1.21067	0.000439561	0.0728599	-13.725	0.00324184	0.15047	-6.64586	0.269539	0.581365	-1.72009	6.04512	21.3037	3.13254	1
cg06114363	0.0389959	0.331321	-3.01822	0.00198854	0.132828	-7.52854	0.0384384	0.329953	-3.03074	0.114521	0.452241	-2.21121	5.30276	17.95	3.00891	1
cg00851154	0.374396	0.659957	-1.51525	0.108309	2.22223	2.22223	0.00373115	5.96075	5.96075	0.167956	0.51181	-1.95385	5.19213	17.0843	2.92483	1
cg00990358	0.111399	1.19563	1.19563	0.0258434	1.31344	1.31344	0.0758016	0.815769	-1.22584	0.248946	0.883229	-1.13221	16.6536	2.80029	0.149466	1
cg04910638	0.141449	0.829173	-1.20602	0.0790644	0.793741	-1.25986	0.0023381	0.604519	-1.65421	0.295293	0.879344	-1.13721	8.35673	1.85755	0.197584	1
cg06211871	0.099456	1.48854	1.48854	0.52376	1.15296	1.15296	0.839543	1.04567	1.04567	0.52845	0.86876	-1.15107	6.40437	4.92218	0.683169	1
cg12528403	0.195228	1.97459	1.97459	0.495756	1.40986	1.40986	0.0295139	0.280037	-3.57095	0.901287	0.940236	-1.06356	5.04756	19.7162	3.47208	1
cg06772644	0.862321	1.11469	1.11469	?	?	?	0.617521	0.729856	-1.37013	0.787118	0.844245	-1.18449	4.47327	21.5589	5.508	1
cg25195960	0.319647	1.09929	1.09929	0.00046473	0.602416	-1.65998	0.903362	0.988881	-1.01124	0.0285639	0.788355	-1.26846	9.62557	1.29174	0.119288	1
cg23646212	0.00130428	0.206768	-4.83635	0.0916171	0.535069	-1.86892	0.924848	1.03227	1.03227	0.829967	0.930157	-1.07509	4.32622	7.76625	1.5957	1
cg15691841	0.212903	0.867977	-1.1521	7.30E-05	0.458944	-2.17892	0.199575	1.15752	1.15752	0.80661	1.02683	1.02683	7.41346	1.3678	0.164002	1
cg02290168	0.0367399	1.64402	1.64402	0.00041758	0.317746	-3.14717	0.606944	1.11217	1.11217	0.0946433	0.686345	-1.45699	7.20489	4.78989	0.590942	1
cg23274217	0.618412	1.08541	1.08541	0.101481	0.746281	-1.33998	0.114644	1.32318	1.32318	0.227264	0.813111	-1.22984	6.25747	2.64003	0.375023	1
cg20671910	0.247601	1.27974	1.27974	0.014794	1.84401	1.84401	0.00178412	2.47757	2.47757	0.129605	1.39671	1.39671	5.03195	3.31801	0.586124	1
cg19594360	0.00408626	0.384335	-2.60189	0.955917	1.01381	1.01381	0.575996	1.15051	1.15051	0.93195	1.02142	1.02142	4.10422	4.00289	0.866943	1
cg01834625	0.106749	1.31253	1.31253	0.00762245	1.69864	1.69864	0.0770652	1.35471	1.35471	0.00983786	1.65513	1.65513	3.83502	1.44851	0.335739	1
cg17170458	0.0153207	0.520349	-1.92179	0.18793	1.35828	1.35828	0.95616	0.988008	-1.01214	0.0321094	0.576417	-1.73486	5.36407	4.09155	0.678018	1
cg00291661	0.071433	1.32972	1.32972	5.00E-06	4.35984	4.35984	0.000651963	2.09551	2.09551	0.00441805	1.71225	1.71225	21.5271	6.83116	0.28207	1
cg10665018	0.265742	1.1005	1.1005	0.122638	0.870978	-1.14813	0.50758	0.946001	-1.05708	0.446907	0.93799	-1.06611	14.7853	1.59679	0.0959988	1
cg01017926	0.792858	1.03857	1.03857	8.96E-05	2.74007	2.74007	0.000285322	2.34443	2.34443	0.783689	1.04036	1.04036	13.1645	4.31156	0.291124	1
cg03143717	0.00466165	0.72354	-1.38209	0.345638	0.919859	-1.08712	0.24584	1.11003	1.11003	0.0425472	1.22244	1.22244	9.42447	1.10408	0.104133	1
cg07300610	0.202269	0.514278	-1.94447	0.00137824	0.101087	-9.8925	0.0679896	0.364353	-2.74459	0.0139959	0.223371	-4.47685	5.80621	22.4358	3.43476	1
cg01343729	0.250761	0.876249	-1.14123	0.10978	1.21156	1.21156	0.377178	1.1049	1.1049	0.402684	1.09886	1.09886	3.73404	0.71665	0.170599	1
cg01891002	0.0514201	5.70393	5.70393	?	?	?	?	?	?	0.918633	1.08178	1.08178	4.02682	24.6309	7.13616	1
cg05045702	0.00177309	0.55463	-1.803	0.516782	1.09095	1.09095	0.00742918	1.57871	1.57871	0.147212	0.813849	-1.22873	10.6341	2.95366	0.246893	1
cg03503871	0.110513	1.22023	1.22023	0.000938434	1.75928	1.75928	0.401004	1.10338	1.10338	0.00098217	0.570738	-1.75212	9.98504	2.07138	0.184399	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02854067	ZNF689	0.00406342	0.0154018	0.465115	-2.15001	0.273556	0.745767	-1.3409	0.159193	0.678861	-1.47306	0.00833021	0.419732	-2.38247	0.000157919	0.189433	-5.27892
cg05467106	ZNF689	0.0107159	0.512977	1.09395	1.09395	0.573572	1.08001	1.08001	0.00122667	1.89642	1.89642	0.553288	0.922039	-1.08455	0.247772	1.17768	1.17768
cg07801332	ZNF689	0.031544	0.203481	0.739953	-1.35144	0.168063	1.39043	1.39043	0.0065212	2.21032	2.21032	0.923148	1.02189	1.02189	0.569829	1.13754	1.13754
cg07629796	ZNF689	0.0362019	0.682773	0.946051	-1.05703	0.368254	1.13285	1.13285	0.798785	1.03508	1.03508	0.891237	1.01864	1.01864	0.0067006	1.60745	1.60745
cg07125009	ZNF689;ZNF689	0.0184812	0.336268	0.913908	-1.0942	0.0853765	1.18849	1.18849	0.0800159	1.19288	1.19288	0.0378626	1.24437	1.24437	0.0578379	1.21498	1.21498
cg05096398	ZNF689;ZNF689	0.0307182	0.597098	1.08306	1.08306	0.0202643	0.657908	-1.51997	0.0350408	1.44393	1.44393	0.0696982	0.738277	-1.35451	0.0113297	1.60691	1.60691
cg17279338	ZNF69	0.00180782	3.29E-05	0.284127	-3.51955	0.302531	1.18134	1.18134	0.235627	0.823717	-1.21401	0.28597	1.18875	1.18875	0.0974397	0.75294	-1.32813
cg26578856	ZNF69	0.010064	0.732814	0.941792	-1.06181	0.117399	0.742572	-1.34667	0.57957	0.906705	-1.10289	0.0216104	0.617076	-1.62055	0.206957	1.26228	1.26228
cg18114235	ZNF69	0.0193253	0.140613	1.22947	1.22947	0.0385165	1.36674	1.36674	0.0694735	1.30298	1.30298	0.598558	1.0717	1.0717	0.345916	0.881164	-1.13486
cg10012079	ZNF691	3.99E-05	1.57E-05	0.472053	-2.1184	0.417874	0.932717	-1.07214	0.00952809	1.31823	1.31823	0.0010946	1.49962	1.49962	0.279856	1.09913	1.09913
cg16824294	ZNF691	0.000552759	0.008647	0.593901	-1.68378	0.11431	0.765403	-1.3065	0.405449	1.14166	1.14166	0.630023	1.07847	1.07847	0.11275	0.764364	-1.30828
cg08719317	ZNF691	0.0296411	0.379126	0.849238	-1.17753	0.406443	1.16627	1.16627	0.00318354	0.482146	-2.07406	0.678851	0.927368	-1.07832	0.468362	0.874917	-1.14297
cg07570677	ZNF691	0.0299405	0.00390385	0.411146	-2.43223	0.54827	1.1491	1.1491	0.145334	1.43009	1.43009	0.564777	1.14243	1.14243	0.0439224	1.69848	1.69848
cg19552482	ZNF691	0.0301817	0.0282778	0.478718	-2.08891	0.892327	0.962209	-1.03927	0.352607	1.31269	1.31269	0.410718	1.27034	1.27034	0.975264	1.00886	1.00886
cg10803251	ZNF691	0.0391566	0.0383654	0.682757	-1.46465	0.320479	1.17733	1.17733	0.939661	0.988033	-1.01211	0.0101476	0.597091	-1.67479	0.37257	0.864517	-1.15672
cg14965064	ZNF691	0.047136	0.00237967	0.278094	-3.5959	0.0917145	1.75245	1.75245	0.231302	1.46134	1.46134	0.449963	1.26187	1.26187	0.295084	0.720309	-1.38829
cg18395993	ZNF692;ZNF692	0.000106889	0.00136923	0.664651	-1.50455	0.0156671	1.29763	1.29763	4.62E-06	2.52011	2.52011	0.148714	1.14593	1.14593	0.213498	1.12211	1.12211
cg00993400	ZNF692;ZNF692	0.00442232	0.22311	1.21207	1.21207	0.0859429	0.751937	-1.3299	0.282684	0.845594	-1.1826	0.778672	0.958551	-1.04324	0.120653	0.77655	-1.28775
cg00809399	ZNF692;ZNF692	0.00642169	0.0207067	0.55242	-1.81022	0.570098	1.13007	1.13007	0.193834	0.746098	-1.34031	0.480592	1.16504	1.16504	0.000144688	0.247986	-4.03249
cg15651819	ZNF692;ZNF692	0.0290061	0.878311	1.03409	1.03409	0.0782886	1.5342	1.5342	0.380135	1.21774	1.21774	0.992809	0.99803	-1.00197	0.0031843	0.414226	-2.41414
cg20156999	ZNF692;ZNF692	0.0300269	0.595998	0.835057	-1.19752	0.0169264	2.66818	2.66818	0.903066	0.959785	-1.0419	0.544921	1.22926	1.22926	0.00199495	0.229872	-4.35025
cg03289576	ZNF692;ZNF692;ZNF692	0.00386546	0.0768776	1.18179	1.18179	0.0218288	1.26322	1.26322	0.00160728	1.4683	1.4683	0.532037	1.05521	1.05521	0.00104035	1.51019	1.51019
cg02236896	ZNF695	7.33E-05	0.843254	1.02203	1.02203	0.72696	0.962158	-1.03933	0.000261698	0.516619	-1.93566	0.161397	0.848248	-1.1789	1.93E-06	0.273152	-3.66096
cg04305539	ZNF695	8.52E-05	0.0124859	0.422439	-2.36721	0.000193078	0.175513	-5.69759	0.00815673	0.391108	-2.55684	0.00152483	0.28217	-3.54397	9.31E-05	0.14474	-6.90893
cg21583155	ZNF695	0.000916504	0.00141883	1.47192	1.47192	0.0384126	0.818066	-1.22239	0.765889	1.02531	1.02531	0.78796	0.977685	-1.02282	0.125114	1.14909	1.14909
cg25794766	ZNF695	0.0349383	0.888587	1.02406	1.02406	0.920654	0.983245	-1.01704	0.623084	1.08764	1.08764	0.0371038	1.50751	1.50751	0.0367856	1.50888	1.50888
cg11518349	ZNF695	0.0384985	0.0348141	2.42149	2.42149	0.0536764	2.19828	2.19828	0.399719	0.733504	-1.36332	0.204811	1.61767	1.61767	0.0660898	2.09841	2.09841
cg14857394	ZNF696	0.00298181	0.92394	0.981051	-1.01931	0.0044718	2.13721	2.13721	0.0277753	0.59389	-1.68381	0.178024	1.33205	1.33205	0.459121	1.16301	1.16301
cg04120766	ZNF696	0.00304637	0.0042561	1.28947	1.28947	0.0051607	1.27819	1.27819	0.366043	0.940144	-1.06367	0.00687948	0.792501	-1.26183	0.0166236	1.21455	1.21455
cg06398769	ZNF696	0.00727832	0.533198	1.06836	1.06836	0.524914	1.06984	1.06984	0.829957	1.02279	1.02279	0.298116	1.11964	1.11964	0.23897	0.878784	-1.13794
cg05373567	ZNF696	0.0122067	0.715978	0.933969	-1.0707	0.00262862	2.17821	2.17821	0.0962732	1.40695	1.40695	0.136846	1.34932	1.34932	0.628642	0.912917	-1.09539
cg24107665	ZNF696	0.0137158	0.0143294	0.380121	-2.63074	0.996072	1.00158	1.00158	0.0649835	1.94216	1.94216	0.826387	0.93205	-1.0729	0.0231466	0.419034	-2.38644
cg05020822	ZNF696	0.0142725	0.228409	1.06254	1.06254	0.028808	0.883626	-1.1317	0.664643	0.979286	-1.02115	0.0436845	1.11771	1.11771	0.428545	1.03955	1.03955
cg04213386	ZNF696	0.0459719	0.297929	0.839066	-1.1918	0.184693	0.795502	-1.25707	0.0327252	0.666104	-1.50127	0.534598	1.10769	1.10769	0.378555	0.863369	-1.15825
cg04875118	ZNF696;ZNF696	0.000444964	?	?	?	0.0423726	1.9713	1.9713	?	?	?	?	?	?	6.61E-05	0.0473105	-21.137
cg25814686	ZNF696;ZNF696	0.00236157	0.510325	1.06681	1.06681	0.0110305	1.36174	1.36174	0.611291	0.951576	-1.05089	0.00132679	0.63628	-1.57164	0.140643	1.16589	1.16589
cg06179159	ZNF696;ZNF696	0.0363124	0.402842	0.827826	-1.20798	0.00162667	2.70887	2.70887	0.0252727	1.79876	1.79876	0.84662	0.958159	-1.04367	0.341037	0.805296	-1.24178
cg21851530	ZNF697	4.72E-05	1.25E-06	0.111361	-8.97982	0.0378907	1.52681	1.52681	0.00234432	2.10963	2.10963	0.173396	1.29	1.29	0.00187615	0.460652	-2.17083
cg14783517	ZNF697	0.00368604	0.458791	0.86267	-1.15919	0.0013456	0.401662	-2.48966	0.0439432	0.635473	-1.57363	0.295225	0.808503	-1.23685	0.126272	1.38255	1.38255
cg16322792	ZNF697	0.00371667	0.17337	0.738805	-1.35354	0.280927	0.79121	-1.26389	0.27303	0.787898	-1.2692	0.505699	0.868386	-1.15156	9.16E-05	0.232212	-4.30641
cg06861375	ZNF697	0.0078147	0.711653	1.04477	1.04477	0.0071301	1.50678	1.50678	0.12229	0.820735	-1.21842	0.918807	1.0121	1.0121	0.0192974	1.39633	1.39633
cg09266149	ZNF697	0.00787997	0.31424	1.47283	1.47283	0.330205	1.45325	1.45325	0.00324149	4.45385	4.45385	0.988835	0.994808	-1.00522	0.208877	0.610899	-1.63693
cg19496978	ZNF697	0.00834403	0.00549608	0.246351	-4.05924	0.0140193	0.312144	-3.20365	0.861063	0.934973	-1.06955	0.0081925	0.272951	-3.66367	0.00460719	0.235228	-4.25119
cg06814792	ZNF697	0.00953684	0.0151481	0.354621	-2.81991	0.328466	1.41968	1.41968	0.158953	0.592702	-1.68719	0.0101672	0.324284	-3.08372	0.0177992	0.367508	-2.72103
cg27182150	ZNF697	0.0102663	0.00205326	0.0887926	-11.2622	0.0885294	0.350767	-2.85089	0.206853	0.476053	-2.10061	0.192013	2.15975	2.15975	0.0265305	0.230816	-4.33245
cg00482226	ZNF697	0.0289762	0.173063	1.28189	1.28189	0.540163	1.11207	1.11207	0.0869336	1.38239	1.38239	0.0183317	1.63283	1.63283	0.0969193	1.36629	1.36629
cg03601828	ZNF697	0.0307262	0.0298407	0.357486	-2.79731	0.0683955	0.439954	-2.27297	0.0603286	0.426341	-2.34554	0.0448271	0.395839	-2.52628	0.0175451	0.312498	-3.20002
cg19768329	ZNF697;ZNF697	7.42E-05	0.00296787	1.44525	1.44525	0.00105825	1.54858	1.54858	0.175371	1.13901	1.13901	0.886439	0.987177	-1.01299	0.299157	1.10207	1.10207
cg27639283	ZNF699	0.0227918	0.159189	1.35703	1.35703	0.0317338	0.599963	-1.66677	0.100691	0.694306	-1.44029	0.0642617	0.655807	-1.52484	0.318635	0.811277	-1.23263
cg07917681	ZNF699	0.0272008	0.0210909	0.24404	-4.09769	0.066207	0.350726	-2.85123	0.020915	0.243385	-4.10871	0.167606	2.11256	2.11256	0.026819	0.26351	-3.79492
cg01319235	ZNF7	0.000157908	3.24E-05	0.467926	-2.13709	0.000145014	0.540692	-1.84948	0.0333287	0.791555	-1.26334	0.0254443	1.28352	1.28352	0.0176693	0.762444	-1.31157
cg04926347	ZNF7	0.000989214	0.787461	0.97618	-1.0244	0.0713683	1.19681	1.19681	0.120871	0.860652	-1.16191	0.551072	0.947614	-1.05528	0.14997	0.87137	-1.14762
cg12806282	ZNF7	0.00729576	0.102854	0.874708	-1.14324	0.00646039	0.766718	-1.30426	0.000288073	0.641581	-1.55865	0.0236047	0.816479	-1.22477	0.577108	0.958624	-1.04316
cg23761161	ZNF7	0.0128953	0.0817594	0.772611	-1.29431	0.298952	0.865901	-1.15487	0.0153727	0.671776	-1.48859	0.789865	0.964908	-1.03637	0.00981221	0.646217	-1.54747
cg05797606	ZNF7	0.0159635	0.450997	0.865564	-1.15532	0.518712	0.884277	-1.13087	0.443369	1.15825	1.15825	0.808699	0.955427	-1.04665	0.00245577	0.452936	-2.20782
cg26029292	ZNF7	0.0181567	0.0368822	0.358456	-2.78975	0.880747	0.93844	-1.0656	0.745374	0.871178	-1.14787	0.817777	1.10261	1.10261	0.0294988	0.337946	-2.95905
cg06709066	ZNF7	0.0286849	0.641203	0.78347	-1.27637	0.548306	1.3714	1.3714	0.349031	0.605773	-1.65078	0.485596	1.44544	1.44544	0.000639978	0.0655295	-15.2603
cg16901014	ZNF7	0.0388837	0.0446906	0.288819	-3.46238	0.0342434	0.264171	-3.78542	0.0268918	0.243545	-4.10601	0.636065	1.29287	1.29287	0.0241482	0.23485	-4.25804
cg13551243	ZNF7	0.0393513	0.0815474	0.816117	-1.22531	0.552382	1.06532	1.06532	0.0401169	1.28358	1.28358	0.107675	0.831282	-1.20296	0.523486	0.934209	-1.07042
cg08088970	ZNF70	0.00365799	0.319479	0.850344	-1.17599	0.0212406	1.54711	1.54711	0.0573408	0.712632	-1.40325	0.578973	0.915464	-1.09234	0.416539	0.877356	-1.13979
cg22071610	ZNF70	0.00454438	0.528656	0.888517	-1.12547	0.0548803	0.668202	-1.49655	0.0203227	0.595726	-1.67862	0.941549	0.986513	-1.01367	0.000372019	0.348381	-2.87042
cg16333535	ZNF70	0.0148978	0.190011	0.868087	-1.15196	0.00445255	1.47209	1.47209	0.434281	1.08471	1.08471	0.230968	0.879796	-1.13663	0.106793	1.19657	1.19657
cg18440048	ZNF70	0.026159	0.0205721	0.348437	-2.86996	0.105855	1.94955	1.94955	0.501431	1.29418	1.29418	0.326252	0.681764	-1.46678	0.0193367	0.34332	-2.91274
cg24371216	ZNF700	1.52E-06	0.00717152	0.673433	-1.48493	1.32E-06	4.10241	4.10241	8.43E-07	4.46534	4.46534	0.265053	1.14144	1.14144	0.272392	0.877997	-1.13896
cg21526173	ZNF700	0.0275125	0.158014	1.24325	1.24325	0.000559878	2.16384	2.16384	0.408632	1.12966	1.12966	0.0489299	1.38313	1.38313	0.594191	1.08066	1.08066
cg06658864	ZNF700	?	?	?	?	?	0.734904	-1.36072	?	1.52209	1.52209	?	2.18365	2.18365	?	?	?
cg07528613	ZNF701	0.00667214	0.00520553	1.62314	1.62314	0.0090929	0.647006	-1.54558	0.00566614	0.620765	-1.61092	0.241101	0.851119	-1.17492	0.0364728	0.726619	-1.37624
cg23699148	ZNF701	0.0156608	0.255266	0.860876	-1.16161	0.242922	1.16664	1.16664	0.135896	0.81653	-1.22469	0.248704	1.16425	1.16425	0.772433	0.964087	-1.03725
cg10458142	ZNF701	0.0222677	0.0184286	0.757975	-1.3193	0.0763015	0.826024	-1.21062	0.00326338	1.47505	1.47505	0.833431	0.979796	-1.02062	0.0881337	1.20008	1.20008
cg20125424	ZNF701	0.036516	0.941516	0.989019	-1.0111	0.626338	1.07663	1.07663	0.480434	1.11398	1.11398	0.708106	1.05823	1.05823	0.0127559	1.59304	1.59304
cg15983793	ZNF701	0.0376665	0.621302	0.801327	-1.24793	0.939776	0.96695	-1.03418	0.169025	0.521128	-1.91891	0.203372	0.550356	-1.81701	0.0016265	0.134214	-7.4508
cg04768713	ZNF701	0.0384149	0.924184	0.991389	-1.00869	0.329208	1.09581	1.09581	0.199167	1.13118	1.13118	0.660221	0.960604	-1.04101	0.745072	1.03009	1.03009
cg02687812	ZNF701	0.043565	0.42667	0.91663	-1.09095	0.118798	1.19913	1.19913	0.681391	1.04527	1.04527	0.674194	0.955664	-1.04639	0.00543393	0.675482	-1.48042
cg04575393	ZNF702P	0.000845659	0.738219	1.06353	1.06353	0.000433235	2.77849	2.77849	0.0542661	1.49347	1.49347	0.0137386	1.74972	1.74972	0.332701	0.832347	-1.20142
cg02440177	ZNF702P	0.00105872	0.000800238	0.588141	-1.70027	0.384711	1.09796	1.09796	0.0148158	1.36942	1.36942	0.000175392	1.94919	1.94919	0.59856	1.05729	1.05729
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02854067	0.0630521	0.583734	-1.71311	0.00865671	0.42248	-2.36697	0.375675	1.26373	1.26373	0.0518186	0.565696	-1.76774	7.81533	8.20383	0.933075	1
cg05467106	0.151001	0.811976	-1.23156	0.123245	0.797733	-1.25355	0.004914	0.603894	-1.65592	0.922884	1.01319	1.01319	5.78101	1.67717	0.257882	1
cg07801332	0.124299	1.45267	1.45267	0.0685289	0.632856	-1.58014	0.0143932	1.96766	1.96766	0.251644	1.30828	1.30828	4.01443	3.20071	0.708713	1
cg07629796	0.973151	0.995468	-1.00455	0.00249734	1.76297	1.76297	0.504549	0.912653	-1.09571	0.142262	1.23728	1.23728	3.82006	1.10211	0.25645	1
cg07125009	0.918062	0.9907	-1.00939	0.00240901	0.681264	-1.46786	0.342144	1.09294	1.09294	0.547109	1.05688	1.05688	4.83202	0.630941	0.116067	1
cg05096398	0.644202	1.07204	1.07204	0.796238	0.962033	-1.03947	0.166676	0.802069	-1.24678	0.799486	1.03881	1.03881	4.05259	1.43611	0.314993	1
cg17279338	0.298725	1.18301	1.18301	0.0625691	0.721087	-1.38679	0.305757	1.17993	1.17993	0.526152	1.10541	1.10541	9.92928	3.82843	0.342728	1
cg26578856	0.0117279	0.576358	-1.73503	0.000453758	0.380194	-2.63023	0.613902	1.09312	1.09312	0.817825	0.960425	-1.04121	5.89856	2.86133	0.431191	1
cg18114235	0.142487	0.814265	-1.2281	0.00179892	0.560612	-1.78377	0.527283	1.08706	1.08706	0.964704	1.00578	1.00578	4.75965	1.28049	0.239138	1
cg10012079	0.33285	1.08768	1.08768	1.44E-05	0.468025	-2.13664	0.932214	0.992868	-1.00718	0.000618974	0.641918	-1.55783	28.2515	3.16749	0.0996602	1
cg16824294	0.0141917	1.60152	1.60152	2.88E-05	0.278543	-3.59011	0.0963812	1.32864	1.32864	0.00276423	0.525943	-1.90135	13.8978	5.33268	0.341073	1
cg08719317	0.0934209	1.39681	1.39681	0.0335596	1.5678	1.5678	0.522776	0.889313	-1.12446	0.0933341	0.715841	-1.39696	4.10433	2.1322	0.461778	1
cg07570677	0.16516	0.712696	-1.40312	0.200439	0.733894	-1.36259	0.890404	0.968951	-1.03204	0.0907727	1.53155	1.53155	4.08972	3.39004	0.736816	1
cg19552482	0.00123677	0.261006	-3.83132	0.665355	0.88357	-1.13177	0.57803	1.17332	1.17332	0.332423	1.32899	1.32899	4.07808	5.22584	1.13906	1
cg10803251	0.0287426	0.663494	-1.50717	0.19118	1.24619	1.24619	0.807509	1.03958	1.03958	0.123859	1.30347	1.30347	3.71212	1.48696	0.356062	1
cg14965064	0.527465	1.21341	1.21341	0.65998	1.14312	1.14312	0.317753	0.731967	-1.36618	0.729388	0.900391	-1.11063	3.46464	5.0091	1.28514	1
cg18395993	0.0102582	0.752347	-1.32917	0.0259967	0.792637	-1.26161	0.0861968	0.846429	-1.18143	0.375912	1.0832	1.0832	21.7493	2.66433	0.108891	1
cg00993400	0.727775	0.948852	-1.05391	0.0176084	0.647974	-1.54327	0.000182918	2.58675	2.58675	0.759214	1.04727	1.04727	7.61784	2.72339	0.317779	1
cg00809399	0.1102	0.69011	-1.44904	0.467913	0.854398	-1.17041	0.63793	1.10626	1.10626	0.0516656	0.623844	-1.60296	6.79487	4.88489	0.63903	1
cg15651819	0.0313018	1.7381	1.7381	0.172626	1.37384	1.37384	0.60975	0.893467	-1.11924	0.193119	0.739812	-1.35169	4.13593	3.13636	0.674062	1
cg20156999	0.995203	0.997977	-1.00203	?	?	?	0.821078	0.926527	-1.0793	0.78801	0.913204	-1.09505	4.15422	6.63737	1.59774	1
cg03289576	0.00323335	1.40642	1.40642	0.0699042	0.841919	-1.18776	0.381999	1.07909	1.07909	0.0398452	1.22352	1.22352	7.93382	0.905747	0.101478	1
cg02236896	0.0031129	0.640818	-1.5605	0.928512	1.00992	1.00992	0.199292	0.861356	-1.16096	0.000163335	0.492778	-2.02931	24.0512	4.61305	0.17049	1
cg04305539	0.00290613	0.321531	-3.11012	4.35E-06	0.0529837	-18.8737	0.000731329	0.240911	-4.15091	0.000968876	0.256263	-3.90224	23.1086	28.1328	1.08215	1
cg21583155	0.00707749	0.747262	-1.33822	7.02E-05	1.83568	1.83568	0.770076	0.975764	-1.02484	0.419578	1.07148	1.07148	12.0606	1.33859	0.0986567	1
cg25794766	0.453272	1.13833	1.13833	0.00407044	0.519999	-1.92308	0.183122	0.786988	-1.27067	0.831394	1.03682	1.03682	3.8696	1.7625	0.404865	1
cg11518349	0.182814	1.66231	1.66231	0.00330749	4.21388	4.21388	0.0335059	2.44234	2.44234	0.380087	1.38222	1.38222	3.73527	7.6458	1.81949	1
cg14857394	0.00508191	0.476185	-2.10002	0.000839258	0.365506	-2.73594	0.240813	0.781918	-1.27891	0.0412767	0.623994	-1.60258	8.57361	5.44971	0.565011	1
cg04120766	0.223094	0.918436	-1.08881	0.131794	0.897523	-1.11418	0.00996021	0.805478	-1.2415	0.885811	0.990495	-1.0096	8.51925	0.595996	0.0621856	1
cg06398769	0.630516	0.950487	-1.05209	0.000153868	0.506785	-1.97322	0.474901	1.07911	1.07911	0.078261	1.22749	1.22749	6.53508	1.13627	0.154554	1
cg05373567	0.0813275	0.69682	-1.43509	0.143251	1.3419	1.3419	0.362202	0.839381	-1.19135	0.00773667	0.527523	-1.89565	5.54268	3.06811	0.492039	1
cg24107665	0.161135	0.619136	-1.61515	0.001696	0.237775	-4.20565	0.0313871	0.445426	-2.24504	0.647418	0.862853	-1.15895	5.3357	8.67177	1.44465	1
cg05020822	0.878694	0.992697	-1.00736	0.00090121	0.787891	-1.26921	0.135367	0.925667	-1.0803	0.723366	0.983089	-1.0172	5.26639	0.192085	0.0324212	1
cg04213386	0.315532	0.84471	-1.18384	0.570007	1.09785	1.09785	0.0160858	0.619399	-1.61447	0.00428495	0.537251	-1.86133	3.49739	1.46479	0.372287	1
cg04875118	?	?	?	0.0111064	2.67543	2.67543	0.0100118	0.364138	-2.74621	0.137225	0.64198	-1.55768	41.6849	23.3545	0.560263	1
cg25814686	0.504906	1.06772	1.06772	0.000290453	0.564241	-1.77229	0.285433	0.898128	-1.11343	0.857273	1.01759	1.01759	9.18454	1.3642	0.132029	1
cg06179159	0.326188	1.25074	1.25074	0.862363	0.962426	-1.03904	0.569324	1.13534	1.13534	0.184961	1.36383	1.36383	3.81583	2.94388	0.685769	1
cg21851530	0.0748805	1.41727	1.41727	0.555059	0.900377	-1.11065	0.179961	1.28445	1.28445	0.455614	0.874956	-1.14291	27.0265	13.2272	0.435035	1
cg14783517	0.00923707	0.523597	-1.90987	0.0553713	1.53001	1.53001	0.559162	1.12262	1.12262	0.00123848	0.396722	-2.52066	8.04793	4.88789	0.539865	1
cg16322792	0.189133	1.33736	1.33736	0.034194	0.596664	-1.67599	0.879842	1.03212	1.03212	0.00564335	0.468114	-2.13623	8.02796	5.55212	0.614753	1
cg06861375	0.00710094	1.50726	1.50726	0.00630837	1.52141	1.52141	0.0385142	0.753678	-1.32683	0.784244	0.968142	-1.03291	6.39107	1.40862	0.195916	1
cg09266149	0.848462	0.931306	-1.07376	0.000945339	0.15975	-6.25979	0.320027	0.682308	-1.46561	0.0802396	0.485797	-2.05847	6.37438	13.9727	1.94845	1
cg19496978	0.0207316	0.343429	-2.91181	0.00765858	0.268316	-3.72695	0.0771033	0.470295	-2.12632	0.00583206	0.250178	-3.99716	6.26053	14.606	2.07381	1
cg06814792	0.00344649	0.251574	-3.97498	0.00734397	0.301021	-3.32203	0.0145288	0.351346	-2.8462	0.035724	0.4278	-2.33754	6.00079	11.4719	1.69931	1
cg27182150	0.305203	0.553239	-1.80754	0.00355954	0.110582	-9.04305	0.90703	1.06731	1.06731	0.0092036	0.158261	-6.31866	5.8611	28.8555	4.37619	1
cg00482226	0.106126	1.35295	1.35295	0.0101067	0.573571	-1.74346	0.17915	0.783147	-1.2769	0.459708	1.13762	1.13762	4.13743	1.92258	0.413049	1
cg03601828	0.0125775	0.286826	-3.48644	0.00705953	0.246294	-4.06019	0.0377322	0.379148	-2.6375	0.136213	0.524077	-1.90812	4.05222	10.3937	2.27994	1
cg19768329	0.400369	0.925197	-1.08085	2.43E-06	0.355754	-2.81093	0.0887774	1.18477	1.18477	0.0740228	0.835417	-1.19701	23.975	3.0974	0.114838	1
cg27639283	0.359731	0.826069	-1.21055	0.00321169	2.2616	2.2616	0.627489	1.10432	1.10432	0.735081	0.933406	-1.07135	4.49893	2.93382	0.579658	1
cg07917681	0.165574	0.47144	-2.12116	0.0391064	0.296982	-3.36721	0.226467	0.524268	-1.90742	0.0108562	0.19663	-5.0857	4.23065	17.3238	3.63984	1
cg01319235	?	?	?	0.410222	0.923902	-1.08237	0.000139082	0.538685	-1.85637	0.39622	0.92159	-1.08508	20.0782	2.4968	0.124353	1
cg04926347	0.159794	0.874585	-1.1434	1.22E-05	0.439056	-2.27761	0.36375	1.08683	1.08683	0.768182	0.973975	-1.02672	11.8028	1.48777	0.112047	1
cg12806282	0.293603	1.08515	1.08515	0.796827	1.01954	1.01954	0.278945	0.919025	-1.08811	0.926298	1.00696	1.00696	6.53019	0.581952	0.0792152	1
cg23761161	0.0211874	0.690319	-1.44861	0.0533929	0.745666	-1.34108	0.00146945	0.541141	-1.84795	0.277353	1.16311	1.16311	5.4445	1.54245	0.251826	1
cg05797606	0.00477311	0.49447	-2.02237	0.983072	1.004	1.004	0.600022	0.905322	-1.10458	0.0235315	1.66277	1.66277	5.07485	2.84034	0.497502	1
cg26029292	0.113087	0.481982	-2.07477	0.00179563	0.15261	-6.55264	0.402296	1.43731	1.43731	0.00762835	0.234142	-4.27091	4.86093	13.79	2.5217	1
cg06709066	0.709045	0.822929	-1.21517	0.995094	0.996809	-1.0032	0.0441469	0.300507	-3.32771	0.84212	1.10926	1.10926	4.15224	17.7778	3.80577	1
cg16901014	0.104322	0.384115	-2.60339	0.0304046	0.253828	-3.93968	0.0109797	0.179125	-5.58269	0.292004	0.5548	-1.80245	3.72166	17.1155	4.08789	1
cg13551243	0.0126206	0.721507	-1.38599	0.614577	1.0549	1.0549	0.0206471	0.745743	-1.34094	0.619627	0.948694	-1.05408	3.70536	0.650157	0.155968	1
cg08088970	0.120566	0.766964	-1.30384	0.000151477	2.78568	2.78568	0.366053	1.15758	1.15758	0.121596	1.30273	1.30273	8.06639	3.17223	0.349569	1
cg22071610	0.0121718	0.560696	-1.7835	0.0273619	1.62152	1.62152	0.0200193	0.594679	-1.68158	0.794883	0.952901	-1.04943	7.55519	4.10294	0.482723	1
cg16333535	0.201115	1.14752	1.14752	0.0326919	0.77514	-1.29009	0.0628187	1.23781	1.23781	0.0163224	1.34886	1.34886	5.19242	0.854203	0.146231	1
cg18440048	0.28244	0.655645	-1.52522	0.00466273	0.241233	-4.14537	0.145047	0.553505	-1.80667	0.676449	1.17189	1.17189	4.28893	9.70297	2.01096	1
cg24371216	0.0379811	1.31522	1.31522	1.06E-06	0.23399	-4.27368	0.14223	1.19684	1.19684	0.849772	1.02183	1.02183	65.9405	13.5466	0.182611	1
cg21526173	0.0508683	1.37833	1.37833	0.116117	1.27933	1.27933	0.235877	1.19624	1.19624	0.22218	1.2033	1.2033	4.21375	1.3887	0.292946	1
cg06658864	?	1.75469	1.75469	?	?	?	?	0.259782	-3.84938	?	?	?	?	6.26995	5.68E-14	1
cg07528613	0.0963935	0.78678	-1.271	?	?	?	0.343119	1.13689	1.13689	0.20646	0.839418	-1.1913	6.85487	1.66532	0.24294	1
cg23699148	0.0292732	0.723316	-1.38252	0.00254587	1.69574	1.69574	0.0414087	0.743289	-1.34537	0.129201	0.813196	-1.22972	5.10722	1.28677	0.223956	1
cg10458142	0.905899	0.988604	-1.01153	0.274038	1.11663	1.11663	0.172178	1.15124	1.15124	0.895479	1.01282	1.01282	4.53507	0.674672	0.132238	1
cg20125424	0.234486	0.828995	-1.20628	0.00325863	0.546796	-1.82884	0.843984	0.970784	-1.0301	0.378484	1.14565	1.14565	3.80808	1.36584	0.318816	1
cg15983793	0.0124165	0.250569	-3.99092	0.108169	0.458603	-2.18054	0.507597	0.741565	-1.3485	0.0687354	0.404084	-2.47473	3.76525	11.7976	2.78513	1
cg04768713	0.816919	0.979151	-1.02129	0.0283141	1.26518	1.26518	0.00160355	1.50862	1.50862	0.0475529	1.22863	1.22863	3.73825	0.48872	0.116209	1
cg02687812	0.637752	0.950406	-1.05218	0.0165338	1.36895	1.36895	0.319457	0.895524	-1.11666	0.634675	0.949957	-1.05268	3.56846	0.65012	0.161942	1
cg04575393	0.0145122	1.73846	1.73846	0.150011	1.32762	1.32762	4.05E-05	4.21555	4.21555	0.371236	0.844845	-1.18365	12.3377	6.58947	0.47475	1
cg02440177	0.435741	1.08696	1.08696	0.130795	0.842741	-1.1866	0.00644994	1.44985	1.44985	0.333001	1.1104	1.1104	11.5775	2.01628	0.154804	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1353 vs. N)	Fold-Change(1353 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
2a02283675	ZNF711	0.00448383	?	?	0.5718212	0.77852	-1.28449	0.100992	0.444507	2.24969	0.984541	0.991577	-1.00849	0.00211272	0.08725722	-11.4604	?	?	0.000995607	0.0822864	-12.1527	0.364123	0.876766	-1.14055	0.0520297	2.75239	2.752239	11.2384	25.1269	1.9164	1
q23196584	ZNF711	0.0157706	0.0219038	1.389822	-2.56527	0.1349552	0.575763	-1.73683	0.742041	0.893015	-1.1198	0.833449	1.0748	1.0748	0.0319038	0.2226551	4.49133	0.435799	0.761573	-1.31307	0.00161133	0.2124221	-4.70764	0.7264	0.0886613	-1.12789	0.1490137	0.588546	-1.6991	5.0954	0.94709	1.65212	1
q20465306	ZNF711	0.0353685	0.863024	1.1001	1.1001	0.596916	0.746641	-1.34293	0.921717	0.947144	-1.05581	0.244342	0.50944	-1.96294	0.0944751	0.362212	-2.76081	0.169785	2.24324	2.24324	0.000988348	0.0669021	-14.9472	0.88577	1.08265	1.08265	0.2245721	0.4942182	-2.0234	3.85249	18.623	4.29689	1
q15447662	ZNF711	6.85E-06	0.4263127	1.04628	1.04628	0.00265098	0.79337	-1.26015	0.529299	0.955146	-1.03631	0.00431767	1.26652	1.26652	0.313586	1.059771	1.059773	3.35093	1.0549	1.0549	0.000398226	1.36854	1.36854	0.007222227	1.319586	1.31553	2.08E-07	0.416334	-2.40203	44.7385	2.19559	0.00436231	1
q10571837	ZNF713	0.0017844	8.71E-05	0.190625	-5.24591	0.0847231	2.26064	2.206644	0.0776429	1.58701	0.383101	1.53005	1.22866	1.228866	0.349865	0.797227	-1.25435	0.182216	1.39573	1.39573	0.955516	1.01322	1.015382	1.004584	1.43812	1.43812	0.04736	0.586093	-1.70261	0.962692	8.7542	0.780734	1
q16988018	ZNF713	0.00289182	0.3997797	-2.50127	0.7502782	1.09177	1.09177	1.09177	0.0141205	0.434043	-2.30392	0.0100405	0.4110388	-2.43287	7.20E-05	0.1363888	-7.33205	0.0931791	0.601158	-1.66346	0.112685	0.621388	-1.6093	0.917016	1.02913	1.02913	0.0619427	0.5603495	-1.78461	8.77925	10.5572	1.0689	1
q20946638	ZNF713	0.00446638	0.1125996	0.609814	-1.63985	0.200701	0.679085	-1.47257	0.253498	0.71071	-1.40704	0.825135	1.06542	1.06542	0.000176256	0.1618626	-6.17949	0.0137215	0.417859	-2.39315	0.00165879	0.2756123	-3.62829	0.806115	0.932005	-1.07296	0.0647047	0.5520315	-1.81148	7.59498	9.86344	1.15438	1
q01258718	ZNF713	0.0110714	0.0500469	0.685621	-1.45853	0.0228449	0.651265	-1.53413	0.00371255	0.496373	-2.01291	0.548376	0.9025021	-1.10803	0.423468	0.8710211	-1.14808	0.5587061	0.904952	-1.10496	0.00180917	1.93066	1.93066	0.5659329	0.9066013	-1.10298	0.7194771	1.065021	1.065021	5.72058	2.584696	0.4016563	1
q25944965	ZNF714	0.010212	0.621602	0.878153	-1.13875	0.00885671	0.361889	-2.76328	0.0801944	0.602354	-1.66015	0.178083	1.24081	1.24081	1.24081	1.24081	1.24081	0.06927	0.588142	-1.70027	0.0217979	3.07361	3.07361	0.567938	1.16271	1.16271	0.275319	0.743492	1.345	5.87105	6.34207	0.9602201	1
q16896134	ZNF714	0.0256491	0.483966	1.18895	1.18895	0.08886836	0.444671	-2.24885	0.312517	0.775548	-1.28941	0.225357	1.36316	1.36316	0.0135567	0.475533	-2.1029	0.780358	1.07038	1.07038	0.026203	1.89971	1.89971	0.171562	1.42496	1.42496	0.759929	1.07742	1.07742	4.3185	4.04888	0.8331992	1
q17751872	ZNF714;ZNF714	0.0291093	0.5008857	0.820532	-1.21872	0.1836785	0.719175	-1.38258	0.0914806	0.631458	-1.22401	0.0157643	0.4245522	-2.35571	0.0141052	0.4708227	-2.12403	0.2338071	0.688065	-1.45253	0.00585798	2.82287	2.82287	0.0883256	0.4987166	-2.00488	0.4505112	1.2493	1.2493	4.13073	5.483113	1.17991	1
q13733010	ZNF716	0.00068109	0.307112	0.876932	-1.14034	0.516173	0.795297	-1.25739	0.0133705	0.344379	-2.90318	0.127513	0.5636642	-1.77418	3.09E-05	0.05902294	-16.9407	0.000368534	0.161337	-6.19822	0.00127576	0.195014	-5.12785	0.114202	0.550016	-1.81833	0.0025569	0.233234	-4.28754	13.1114	25.1362	1.70411	1
q01058294	ZNF716	0.0021352	0.137843	0.4033133	-2.48736	0.00382002	0.018159	-3.24564	0.0618424	0.533109	-1.9689	0.918593	0.9843966	-1.00003	0.0123369	0.1690938	-5.91687	0.0991076	0.256246	-3.9025	0.00265033	0.0993466	-10.0124	0.978026	0.442126	-2.2618	0.0949573	0.350394	-2.85393	4.609381	14.1758	4.57828	1
q11357940	ZNF716	0.0238734	0.0167698	0.24052	-4.15766	0.454257	0.689186	-1.45099	0.103562	0.419225	-2.38535	0.9166227	0.95015	-1.05247	0.01518	0.2130015	-4.69595	0.6956097	0.825312	-1.21166	0.00298106	0.136737	-7.31331	0.0112013	0.141808	-4.72126	0.0700753	0.37196	-2.68846	4.4275	16.7219	3.35717	1
q25960440	ZNF717	0.00082652	0.154876	0.15371	-1.35278	0.3627851	0.109182	0.623568	0.0956605	-1.04755	0.0365509	1.2563	1.2563	4.99E-05	0.4892383	0.24081	-4.15164	0.3585135	1.0928	1.0928	0.0919254	1.19535	1.19535	0.00104537	1.5772	1.5772	0.662399	0.95958	1.042514	0.421126	1.73994	0.124169	1
q16977510	ZNF717	0.00182938	0.0110782	0.459078	-2.17433	0.0207144	0.349031	-2.86508	0.111385	0.477524	-1.87706	0.0445748	0.7041591	-1.42007	0.5152251	0.6734631	-1.48466	0.0879814	0.163546	-6.11474	0.00134709	0.1354024	-7.38548	0.0088326	0.1710654	-5.84598	0.0027511	0.1116259	0.6019	1.53806	12.4058	3.24494	0.325512	1
q09536094	ZNF717	0.00851754	0.0962864	0.843064	-1.18515	0.0376655	0.798212	-1.2528	0.0300485	0.787778	-1.26939	0.776306	0.973722	-1.02699	0.00456054	0.7024486	-1.42352	0.3409224	0.912343	-1.09608	0.00709173	1.38431	1.38431	0.00809852	0.7281357	-1.37295	0.1270116	0.857033	-1.16682	0.219996	0.8608822	0.1230119	1
q20621032	ZNF717	0.00885274	0.207023	1.34588	1.34588	0.1304607	0.623885	-1.60315	0.0424423	0.661349	0.383126	-2.75386	0.6045124	1.12038	1.12038	1.12038	1.12038	0.0932844	0.615515	1.15358	0.7985175	0.944423	1.05882	0.8649751	1.11142	0.730054	0.925011	1.08002	0.144444	4.83983	0.700157	1
q17081261	ZNF717	0.00910405	0.610976	1.06475	1.064075	0.7884077	0.787337	-1.2701	0.327414	1.13161	0.149885	0.827957	-1.20779	0.129027	1.22215	1.22215	1.22215	0.0795025	1.26876	1.26876	0.00378086	1.62161	1.62161	0.064038	0.775276	-1.28986	0.00615288	0.645915	-1.54819	0.690111	1.44261	0.210557	1
q11938551	ZNF717	0.0122642	0.0709236	0.626639	-1.59582	0.00658834	0.432439	-2.31267	0.0403703	0.587746	-1.70142	0.103425	0.7752552	-1.28824	0.00648177	0.270607	-3.69417	0.0353143	0.484981	-2.06194	0.0112361	0.391513	-2.55419	0.0127808	0.40126	-2.49215	0.293351	0.7248357	3.37963	5.234949	7.2258	1.22704	1
q24470476	ZNF717	0.0145381	0.373266	0.763497	-1.30976	0.00158429	0.262152	-3.81458	0.274398	1.399	1.399	0.473412	1.24081	1.24083	0.200953	0.671155	1.48997	0.0353143	0.484981	-2.06194	0.0112361	0.391513	-2.55419	0.0127808	0.40126	-2.49215	0.293351	0.7248357	3.37963	5.234949	7.2258	1.22704	1
q24456346	ZNF717	0.0247679	0.0059436	0.630922	-1.58498	0.0953491	0.790385	-1.26441	0.317563	0.876094	-1.14143	0.507826	0.917578	-1.08983	0.0039075	0.6081551	-1.64433	0.169106	0.828971	-1.20631	0.729453	1.04545	1.04545	0.0924933	0.78895	-1.26751	0.00823845	0.648771	-1.54138	4.373138	1.13489	0.230771	1
q00056268	ZNF717	0.0172632	0.0464407	0.7284765	-1.37243	0.0045839	0.369014	-2.70898	0.0706758	0.599512	-1.66802	0.2891229	1.047781	-1.33729	0.0292193	0.7502255	-1.33292	0.145809	0.644148	-1.55269	0.0219432	0.4722496	-2.11642	0.0320873	0.515195	1.94201	0.0325755	0.4041	4.0841	0.882224	1
q04413089	ZNF717;ZNF717	0.00027245	0.0309594	0.694459	-1.43997	0.0262123	0.548983	-1.82155	0.00070639	0.475701	-2.10216	0.676674	0.941421	-1.06222	5.53E-06	0.228248	-4.38319	0.439582	0.892736	-1.12015	0.658279	0.937939	-1.06617	0.219224	0.830291	-1.2044	0.00249343	0.546153	-1.83099	16.8841	5.54036	0.291681	1
q04451448	ZNF718	0.00341225	0.3995	0.857589	-1.16605	0.3888004	0.144331	-2.43131	0.0146145	0.482691	-2.12348	0.0329841	0.856844	-1.16707	0.0078312	0.3011039	1.20896	1.20896	1.20896	1.20896	1.20896	0.676865	0.928459	-1.07705	0.3942844	0.8084847	1.144227	0.153611	0.9341	0.0040842	0.4041585	4.09157	0.4415585	1
q25397661	ZNF718	0.0052614	0.0290381	0.792811	-1.26133	0.1164994	0.116637	0.0861452	1.35292	1.35292	0.00643206	1.37683	1.37683	0.950844	0.92442	1.08176	1.08176	0.0111649	1.33218	1.33218	0.013287	1.31893	1.31893	0.107431	1.17434	1.17434	0.00465481	0.40436	-2.40436	7.225151	0.9315588	0.114611	1
q01523696	ZNF718	0.00747376	0.0122579	1.84218	1.84218	0.180828	1.3208	1.3208	0.311551	1.22754	1.22754	0.106128	1.4128	1.4128	0.000726537	2.73552	2.73552	0.338169	1.2133	1.2133	0.00138218	2.47969	2.47969	0.103066	1.41793	1.41793	0.00833475	1.935229	1.935229	6.48112	3.93605	0.539831	1
q14130209	ZNF718	0.00185373	0.0038707	0.5111	-1.95693	0.0256279	0.756458	-1.3215	0.0682851	0.6145133	-1.2268	0.0774969	0.7174391	-1.39395	0.0136126	0.2753896	3.63124	0.2710294	0.7132	-1.40202	0.0029851	0.1154136	-8.66868	0.0718479	0.1654132	-6.04608	0.0074249	0.1675577	-5.96853	2.72052	5.14093	0.488568	0.7501	1
q05388281	ZNF718	0.027507	0.0305928	0.328333	-3.04569	0.379797	0.673709	-1.48432	0.211442	0.565158	-1.78089	0.667688	1.20845	1.20845	0.0209128	0.166373	-6.01059	0.713792	0.85088	-1.17525	0.0219476	0.2990269	-3.33668	0.020623	0.294586	-3.39459	0.0302786	0.327407	-3.05431	4.214024	12.8258	2.70542	1
q05183595	ZNF718	0.0209879	0.939723	0.9251	-1.08054	0.6503326	0.351236	-1.61941	0.4824073	0.780193	-1.28173	0.3108899	0.7807035	-1.28107	0.4663737	0.6131226	-1.63047	0.3707464	0.8504	-1.17579	0.3564044	0.7747479	0.2224415	-4.49609	0.0138121	0.1506	1.506	0.1933121	0.6983	1.43186	0.7209312	0.5453693	1
q12717203	ZNF718	0.0422646	0.164131	1.61619	1.61619	0.0925708	1.81948	1.81948	0.734014	0.895575	-1.1166	0.00131865	4.53221	4.53221	0.224702	0.662062	1.51043	0.679188	1.874167	-1.14395	0.806715	0.923792	-1.08249	0.850055	0.06311	1.06311	0.89099	1.04534	1.04534	3.608991	5.97689	1.47213	1
q26385085	ZNF718;ZNF595	0.0142861	0.0100882	0.311497	-3.2103	0.00216987	0.218079	-4.58549	0.193537	0.610007	-1.63933	0.539867	0.8000135	-1.24979	0.0309044	0.2335444	4.28185	0.579	0.817616	-1.22367	0.0903844	0.5115	-1.95503	0.0315118	0.333411	-2.9993	0.0570163	0.461301	-2.16778	5.26474	10.7628	1.81718	1
q25523740	ZNF718;ZNF595	0.0193712	0.0590283	0.5139	-1.94543	0.0065834	0.42627	-2.34693	0.89189	0.975535	-1.03403	0.8797	0.9762725	-1.02453	0.8824	0.9892292	1.01375	0.1709	0.508592	-1.96621	0.205296	0.533587	-1.87411	0.025699	0.287819	-3.47441	0.138361	0.472396	-2.11687	3.66582	12.8275	3.11042	1
q09015566	ZNF718;ZNF595;ZNF595	1.16E-05	0.2986208	0.7597	-1.31648	0.0199422	0.139529	1.29529	0.0372794	0.768217	-1.30172	0.3914507	1.09948	1.09948	0.0410274	0.7734616	-1.29296	0.0253083	0.748449	-1.3361	0.0825404	0.2116968	4.72497	0.119227	0.8012987	1.20168	0.298916	0.7351618	0.2602	1.32482	0.4	0.7597919	1.67164	1
q18727948	ZNF718;ZNF595;ZNF595	0.00442924	0.660801	1.07701	1.07701	0.2626101	0.642058	-1.55749	0.479576	0.886256	-1.12834	0.153999	1.27392	1.27392	0.69E-05	0.2930389	3.41193	0.895015	0.978062	-1.02243	0.397502	0.864545	-1.15668	0.656851	0.92763	-1.07802	0.472186	0.884388	1.633	0.7142643	1.340396	0.39738	1
q06614206	ZNF718;ZNF595;ZNF595	0.0411293	0.145955	0.677745	-1.47548	0.00606868	0.409451	-2.44229	0.025363	0.515653	-1.93929	0.873749	0.961148	-1.04042	0.00429444	0.386089	-2.59007	0.488951	0.839309	-1.19146	0.490777	0.839946	-1.19055	0.411106	0.810033	-1.233	0.124153	0.6604601	-1.51423	3.664549	3.58536	0.874226	1
q01274647	ZNF718;ZNF718;ZNF595;ZNF595	0.0121215	0.1760673	0.5681	-1.76045	0.0071326	0.277	-3.60764	0.153199	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1
q15705469	ZNF71;ZNF71	2.81E-14	?	?	?	?	8.23E-14	0.541126	-1.94505	5.87E-14	2.19854	2.19854	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
q16738679	ZNF720	1.38E-06	0.0015295	0.649113	-1.54056	0.53E-05	0.499229	-2.00309	0.240141	0.650499	-1.53749	0.03149	0.03149	1.47E-06	0.03149	-2.31419	-3.18279	0.0006813	0.611418	-1.63554	0.0415923	0.3804384	-1.24318	0.0845067	0.2754	3.6315	0.0224406	0.2639	-3.78935	8.86863	0.122462	1
q03003115	ZNF720	6.17E-05	?	?	?	0.105021	0.640516	-1.56124	1.25E-06	0.0258906	-38.624	0.0768106	1.63581	1.63581	0.0140175	0.459155	-2.17791	0.964192	1.0112	1.0112	0.0342338	0.5336096	-1.87373	0.0258904	0.509563	-1.96247	0.0472955	1.77716	1.77716	34.2445	29.0357	0.741907	1
q22819988	ZNF720	0.00100804	0.442917	1.08809	1.08809	0.2809884	0.214331	-1.43131	0.0146145	0.482691	-2.12348	0.0329841	0.856844	-1.16707	0.0078312	0.3011039	1.20896	1.20896	1.20896	1.20896	1.20896	0.676865	0.928459	-1.07705	0.3942844	0.8084847	1.144227	0.153611	0.9341	0.0040842	0.4041585	4.09157	0.4415585	1
q25397661	ZNF718	0.0052614	0.0290381	0.792811	-1.26133	0.1164994	0.116637	0.0861452	1.35292	1.35292	0.00643206	1.37683	1.37683	0.950844	0.92442	1.08176	1.08176	0.0111649	1.33218	1.33218	0.013287	1.31893	1.31893	0.107431	1.17434	1.17434	0.00465481	0.40436	-2.40436	7.225151	0.9315588	0.114611	1
q01523696	ZNF718	0.00747376	0.0122579	1.84218	1.84218	0.180828	1.3208	1.3208	0.311551	1.22754	1.22754	0.106128	1.4128	1.4128	0.000726537	2.73552	2.73552	0.338169	1.2133	1.2133	0.00138218	2.47969	2.47969	0.103066	1.41793	1.41793	0.00833475	1.935229	1.935229	6.48112	3.93605	0.539831	1
q14130209	ZNF718	0.00185373	0.0038707	0.5111	-1.95693	0.0256279	0.756458	-1.3215	0.0682851	0.6145133	-1.2268	0.0774969	0.7174391	-1.39395	0.0136126	0.2753896	3.63124	0.2710294	0.7132	-1.40202	0.0029851	0.1154136	-8.66868	0.0718479	0.1654132	-6.04608	0.0074249	0.1675577	-5.96853	2.72052	5.14093	0.488568	0.7501	1
q05388281	ZNF718	0.027507	0.0305928	0.328333	-3.04569	0.379797	0.673709	-1.48432	0.211442	0.565158	-1.78089	0.667688	1.20845	1.20845	0.0209128	0.166373	-6.01059	0.713792	0.85088	-1.17525	0.0219476	0.2990269	-3.33668	0.020623	0.294586	-3.39459	0.0302786	0.327407	-3.05431	4.214024	12.8258	2.70542	1
q05183595	ZNF718	0.0209879	0.939723	0.9251	-1.08054	0.6503326	0.351236	-1.61941	0.4824073	0.780193	-1.28173	0.3108899	0.7807035	-1.28107	0.4663737	0.6131226	-1.63047	0.3707464	0.8504	-1.17579	0.3564044	0.7747479	0.2224415	-4.49609	0.0138121	0.1506	1.506	0.1933121	0.6983	1.43186	0.7209312	0.5453693	1
q12717203	ZNF718	0.0422646	0.164131	1.61619	1.61619	0.0925708	1.81948	1.81948	0.734014	0.895575	-1.1166	0.00131865	4.53221	4.53221	0.224702	0.662062	1.51043	0.679188	1.874167	-1.14395	0.806715	0.923792	-1.08249	0.850055	0.06311	1.06311	0.89099	1.04534	1.04534	3.608991	5.97689	1.47213	1
q26385085	ZNF718;ZNF595	0.0142861	0.0100882	0.311497	-3.2103	0.00216987	0.218079	-4.58549	0.193537	0.610007	-1.63933	0.539867	0.8000135	-1.24979	0.0309044	0.2335444	4.28185	0.579	0.817616	-1.22367	0.0903844	0.5115	-1.95503	0.0315118	0.333411	-2.9993	0.0570163	0.461301	-2.16778	5.26474	10.7628	1.81718	1
q25523740	ZNF718;ZNF595	0.0193712	0.0590283	0.5139	-1.94543	0.0065834	0.42627	-2.34693	0.89189	0.975535	-1.03403	0.8797	0.9762725	-1.02453	0.8824	0.9892292	1.01375	0.1709	0.508592	-1.96621	0.205296	0.533587	-1.87411	0.025699	0.287819	-3.47441	0.138361	0.472396	-2.11687	3.66582	12.8275	3.11042	1
q05683848	ZNF718;ZNF595;ZNF595	0.0405147	0.0181856	0.25979	-3.84927	0.0034772	0.155029	-6.4504	0.340958	0.630480	-1.58607	0.798859	0.886897	-1.12753	0.0262387	0.2895846	3.4532	0.17609	0.508592	-1.96621	0.205296	0.533587	-1.87411	0.025699	0.287819	-3.47441	0.138361	0.472396	-2.11687	3.66582	12.8275	3.11042	1
q09015566	ZNF718;ZNF595;ZNF595	1.16E-05	0.2986208	0.7597	-1.31648	0.0199422	0.139529	1.29529	0.0372794	0.768217	-1.30172	0.3914507	1.09948	1.09948	0.0410274	0.7734616	-1.29296	0.0253083	0.748449	-1.3361	0.0825404	0.2116968	4.72497	0.119227	0.8012987	1.20168	0.298916	0.7351618	0.2602	1.32482	0.4	0.7597919	1.67164	1
q18727948	ZNF718;ZNF595;ZNF595	0.00442924	0.660801	1.07701	1.07701	0.2626101	0.642058	-1.55749	0.479576	0.886256	-1.12834	0.153999	1.27392	1.27392	0.69E-05	0.2930389	3.41193	0.895015	0.978062	-1.02243	0.397502	0.864545	-1.15668	0.656851	0.92763	-1.07802	0.472186	0.884388	1.633	0.7142643	1.340396	0.39738	1
q06614206	ZNF718;ZNF595;ZNF595	0.0411293	0.145955	0.677745	-1.47548	0.00606868	0.409451	-2.44229	0.025363	0.515653	-1.93929	0.873749	0.961148	-1.04042	0.00429444	0.386089	-2.59007	0.488951	0.839309	-1.19146	0.490777	0.839946	-1.19055	0.411106	0.810033	-1.233	0.124153	0.6604601	-1.51423	3.664549	3.58536	0.874226	1
q01274647	ZNF718;ZNF718;ZNF595;ZNF595	0.0121215	0.1760673	0.5681	-1.76045	0.0071326	0.277	-3.60764	0.153199	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1
q15705469	ZNF71;ZNF71	2.81E-14	?	?	?	?	8.23E-14	0.541126	-1.94505	5.87E-14	2.19854	2.19854	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
q16738679	ZNF720	1.38E-06	0.0015295	0.649113	-1.54056	0.53E-05	0.499229	-2.00309	0.240141	0.650499	-1.53749	0.03149	0.03149	1.47E-06	0.03149	-2.31419	-3.18279	0.0006813	0.611418	-1.63554	0.0415923	0.3804384	-1.24318	0.0845067	0.2754	3.6315	0.0224406	0.2639	-3.78935	8.86863	0.122462	1
q03003115	ZNF720	6.17E-05	?	?	?	0.105021	0.640516	-1.56124	1.25E-06	0.0258906	-38.624	0.0768106	1.63581	1.63581	0.0140175	0.459155	-2.17791	0.964192	1.0112	1.0112	0.0342338	0.5336096	-1.87373	0.0258904	0.509563	-1.96247	0.0472955	1.77716	1.77716	34.2445	29.0357	0.741907	1
q22819988	ZNF720	0.00100804	0.442917	1.08809	1.08809	0.2809884	0.214331	-1.43131	0.0146145	0.482691	-2.12348	0.0329841	0.856844	-1.16707	0.0078312	0.3011039	1.20896	1.20896	1.20896	1.20896	1.20896	0.676865	0.928459	-1.07705	0.3942844	0.8084847	1.144227	0.153611	0.9341	0.0040842	0.4041585	4.09157	0.4415585	1
q03262152	ZNF720;ZNF720	0.0005053	0.8316639	1.03428	1.03428	0.00690721	0.275055	0.270655	0.0918626	1.34152	1.34152	0.644E-05	0.319865	0.319865	0.00300705	0.246464	2.46464	0.0125429	1.63491	1.63491	0.0535654	0.706754	-1.41492	0.0112825	1.65274	1.65274	0.94482	0.989101	-1.01102	14.2487	5.65602	0.352846	1
q21170048	ZNF720;ZNF720	0.0472957	0.0046892	0.3107	-3.21864	0.0001564	0.102387	-3.68241	0.0023387	0.192387	-1.0824	0.0892212	1.00528	1.00528	0.0766163	0.4624602	-2.16308	0.0037039	0.4024569	-2.48457	0.0001564	0.1023871	-9.77301	0.0001564	0.1023871	-9.77301	0.0001564	0.1023871	-9.77301	0.0001564	0.1023871	-9.77301	0.0001564	0.1023871	-9.77301	1
q15884721	ZNF721;PIGG;PIGG;ZNF721	0.00840702	0.0030102476	0.0699355	-14.2989	0.000556039	0.125924	-7.94127	0.608227	0.818731	-1.2214	0.0564127	0.433618	-2.30618	0.0646216	0.4480819	-2.23205	0.0019872	0.184652	-5.41561	0.0474631	2.40389	2.40389	0.519304	1.27178	1.27178	0.314889	1.49483	1.49483	12.3581	29.2873	2.10656	1
q13388277	ZNF727	0.00051083	0.0025376	0.2775534	-3.60031	0.722369	0.115121	0.115121	0.00279517	0.52344	0.52344	0.0339565	0.213122	0.213122	0.0194237	0.4216769	-2.37209	0.102077	1.72798	1.72798	0.00624914	0.99328	0.99328	0.0042558	0.37311	0.537141	0.5584747	0.834652	-1.1981	14.2058	21.0214	1.13536	1
q04372933	ZNF727	0.00065855	0.0028629	0.2775534	-3.60031	0.0002587	0.115121	0.115177	0.00265	0.523344	0.523344

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03356493	ZNF765	0.000366462	0.208067	0.921825	-1.0848	0.00487757	0.795452	-1.25715	0.0685177	1.13321	1.13321	0.273522	0.932503	-1.07238	0.794457	1.01614	1.01614	0.0049423	1.25645	1.25645	0.00296224	0.778684	-1.28422	1.88E-05	0.586279	-1.70567	0.850903	1.01161	1.01161	15.5712	0.927507	0.052947	1
cg17725136	ZNF765	0.00401639	0.00446671	0.572373	-1.74711	0.00069619	0.46709	-2.14091	0.0255879	0.676871	-1.47739	0.456926	0.894511	-1.11793	0.00286759	0.546841	-1.82868	0.0752998	0.747219	-1.3383	0.00194233	0.524632	-1.9061	0.878194	1.02282	1.02282	0.842068	0.971072	-1.02979	7.84282	2.68942	0.304814	1
cg25518519	ZNF765	0.0105133	?	?	?	0.31137	1.15755	1.15755	0.029531	0.693875	-1.44118	0.853558	0.974646	-1.02601	0.715938	1.05213	1.05213	0.0922753	0.769994	-1.29871	0.000612439	0.454616	-2.19966	0.0395575	0.712842	-1.40284	0.029326	0.693427	-1.44211	6.72069	1.78856	0.232861	1
cg25979157	ZNF765	0.0214963	0.042777	0.412302	-2.42541	0.903023	0.954744	-1.0474	0.433163	0.737943	-1.35512	0.402206	1.38505	1.38505	0.000505099	0.126766	-7.88855	0.692535	0.859848	-1.163	0.0539002	0.435409	-2.29669	0.802782	0.909303	-1.09974	0.278879	0.651967	-1.53382	4.59023	10.4944	2.03222	1
cg11725009	ZNF765	0.0299424	0.0774844	0.786946	-1.27073	0.439246	1.1011	1.1011	0.322935	1.13275	1.13275	0.0479284	1.31796	1.31796	0.662706	1.05505	1.05505	0.93547	0.990163	-1.00994	0.0217998	1.39949	1.39949	0.00868838	1.50427	1.50427	0.0149904	1.44069	1.44069	4.08962	0.96544	0.209841	1
cg10378927	ZNF766	0.000403722	0.664889	1.05165	1.05165	0.0346646	1.32915	1.32915	0.00190488	1.66223	1.66223	0.88915	0.984016	-1.01624	1.89E-05	0.365868	-2.73322	0.0268778	1.35376	1.35376	0.458699	1.09109	1.09109	0.0685713	1.26561	1.26561	0.128736	0.827213	-1.20888	15.1614	3.20554	0.187935	1
cg16856981	ZNF766	0.00404907	0.0935609	0.687715	-1.45409	0.123573	1.40297	1.40297	0.0740238	1.49805	1.49805	0.0254237	0.583201	-1.71468	0.000301442	0.303323	-3.29682	0.275443	0.794281	-1.259	0.0331188	0.603094	-1.65812	0.421519	1.18138	1.18138	0.111848	1.42117	1.42117	7.82368	5.10595	0.580114	1
cg26533397	ZNF766	0.00867028	0.106343	0.806194	-1.2404	0.0291822	0.730545	-1.36884	0.00867635	0.664535	-1.50481	0.775386	0.965655	-1.03557	0.889729	0.983196	-1.01709	0.869678	0.980141	-1.02026	0.00456443	1.58632	1.58632	0.0046536	0.631415	-1.58374	0.102002	0.803602	-1.2444	6.1851	1.46191	0.210097	1
cg18548288	ZNF766	0.0310512	0.0607944	0.411389	-2.43079	0.510894	0.755608	-1.32344	0.0746957	0.434172	-2.30323	0.718877	1.16405	1.16405	0.00999337	0.25491	-3.92295	0.0465126	0.383618	-2.60676	0.0029769	0.18039	-5.54355	0.0542522	0.399339	-2.50414	0.399618	0.696035	-1.43671	4.03705	11.2911	2.4861	1
cg21046355	ZNF766	0.033099	0.817348	1.03591	1.03591	0.583516	1.08811	1.08811	0.771371	0.956538	-1.04544	0.191933	0.810052	-1.23449	0.0188122	0.647886	-1.54348	0.122745	0.774895	-1.2905	0.00892876	0.602126	-1.66078	0.0226773	1.51596	1.51596	0.774084	1.04487	1.04487	3.9458	1.45342	0.327418	1
cg10188300	ZNF766	0.0418971	0.0122984	0.154765	-6.4614	0.92523	1.05778	1.05778	0.134915	0.381169	-2.62351	0.937014	1.04843	1.04843	0.00563999	0.113722	-8.79336	0.183132	0.429429	-2.32867	0.0163085	0.172471	-5.79808	0.190358	0.43608	-2.29316	0.102539	0.343307	-2.91284	3.62062	20.5364	5.04185	1
cg16383318	ZNF766;MIR643	0.00247566	0.00157244	0.125394	-7.97483	0.0736419	0.401749	-2.48912	0.0203929	0.278557	-3.58993	0.00580704	0.191635	-5.21825	0.00791857	0.2107	-4.7461	0.0779837	0.408376	-2.44872	0.000189286	0.0562325	-17.7833	0.774063	0.876678	-1.14067	0.0050223	0.183189	-5.45885	9.05809	29.9984	2.94381	1
cg25273903	ZNF766;MIR643	0.00396987	0.0175557	0.607844	-1.64516	0.000391961	0.377848	-2.64657	0.325629	0.839591	-1.19106	0.00175874	0.46403	-2.15503	0.396793	1.16122	1.16122	0.989283	1.00232	1.00232	0.353569	0.84838	-1.17872	0.138336	0.759677	-1.31635	0.00328903	0.501618	-1.99355	7.8704	3.69903	0.417771	1
cg19309507	ZNF766;MIR643	0.0424655	0.607179	1.07888	1.07888	0.104233	0.771027	-1.29697	0.536388	0.912414	-1.09599	0.060776	1.3627	1.3627	0.00898143	1.62649	1.62649	0.36041	0.871399	-1.14758	0.171924	1.23725	1.23725	0.0816131	0.753854	-1.32652	0.25443	0.840113	-1.19032	3.60256	1.22293	0.301742	1
cg08744726	ZNF767;ZNF767	6.81E-05	0.000544152	0.371754	-2.68995	0.332993	1.20186	1.20186	0.00185481	0.443354	-2.25553	0.0190282	0.592927	-1.68655	1.05E-05	0.176495	-5.66589	4.95E-05	0.245895	-4.06678	0.49978	1.13442	1.13442	0.00914824	1.83953	1.83953	0.00276016	0.467541	-2.13885	24.5274	13.1684	0.477232	1
cg17337514	ZNF767;ZNF767	0.00115947	0.0135186	0.405913	-2.46358	0.0701243	1.81702	1.81702	0.748658	0.90954	-1.09946	0.335597	1.34026	1.34026	0.0506519	0.518481	-1.92871	0.0244323	0.453464	-2.20524	0.0111131	0.391039	-2.55729	9.85E-05	7.68955	7.68955	0.289431	1.3831	1.3831	11.2818	15.5439	1.2247	1
cg26585868	ZNF767;ZNF767	0.00194206	0.0860537	0.582702	-1.71614	0.0188238	2.24849	2.24849	0.282863	1.37399	1.37399	0.0894598	1.70428	1.70428	0.0361089	0.49959	-2.00164	0.26757	0.719755	-1.38936	0.19133	0.674421	-1.48275	0.000103472	7.06654	7.06654	0.160817	0.652788	-1.53189	9.72478	12.4865	1.14132	1
cg18311708	ZNF767;ZNF767	0.0037856	0.000434162	0.110224	-9.0724	0.314378	1.5105	1.5105	0.276108	0.638205	-1.56689	0.711036	1.15895	1.15895	0.00817375	0.261399	-3.82556	0.210654	0.592819	-1.68685	0.0281381	0.357784	-2.79498	0.0075605	3.90472	3.90472	0.230143	0.607087	-1.64721	7.98377	19.8699	2.21225	1
cg02826890	ZNF767;ZNF767	0.0115119	0.0481777	0.224306	-4.45819	0.00640141	0.0955443	-10.4663	0.0845912	0.282891	-3.53494	0.654631	1.34723	1.34723	0.00476882	0.0837189	-11.9447	0.0161084	0.142386	-7.02318	0.00235639	0.0602912	-16.5862	0.217838	0.423964	-2.35869	0.0400663	0.207934	-4.80923	5.64896	39.2015	6.16853	1
cg04822759	ZNF767;ZNF767	0.0118927	0.439653	1.27036	1.27036	0.458956	0.795368	-1.25728	0.736744	0.902632	-1.10787	0.000423461	0.183518	-5.44904	0.0381614	0.482118	-2.07418	0.312349	1.37343	1.37343	0.291525	0.717268	-1.39418	0.0887504	1.76832	1.76832	0.550062	1.20154	1.20154	5.58976	8.16105	1.29778	1
cg06920324	ZNF767;ZNF767	0.0148714	0.991284	1.00718	1.00718	0.0304887	0.188921	-5.29322	0.124478	0.336183	-2.97457	0.0938093	3.34546	3.34546	0.0149692	0.140777	-7.10344	0.0369956	0.204447	-4.89125	0.00249839	0.0637338	-15.6903	0.841489	1.14023	1.14023	0.0425727	0.216481	-4.61934	5.19547	35.3428	6.04677	1
cg18500448	ZNF767;ZNF767	0.0176132	0.354749	0.555952	-1.79872	0.0246973	5.20314	5.20314	0.284402	0.503719	-1.98523	0.596662	1.39005	1.39005	0.0269648	0.198828	-5.02947	0.00446343	0.09646	-10.367	0.85571	0.893825	-1.11879	0.0262119	5.08477	5.08477	0.983671	0.987459	-1.0127	4.91083	29.5758	5.35339	1
cg05073880	ZNF767;ZNF767	0.0189846	0.0558403	0.456165	-2.19219	0.0459341	0.436558	-2.29065	0.00655198	0.278161	-3.59504	0.289681	0.671555	-1.48908	0.00275221	0.223853	-4.46721	0.0861256	0.503073	-1.98778	0.382621	0.722972	-1.38318	0.140306	0.562835	-1.77672	0.00462437	0.25534	-3.91635	4.78838	9.95428	1.84786	1
cg14820798	ZNF767;ZNF767	0.0290892	0.299838	0.873622	-1.14466	0.118811	1.23726	1.23726	0.0011442	1.82449	1.82449	0.414863	1.11049	1.11049	0.488819	1.09245	1.09245	0.768043	0.963492	-1.03789	0.0701518	0.775245	-1.28992	0.324253	1.13657	1.13657	0.814499	1.03	1.03	4.13174	1.03471	0.222605	1
cg08420239	ZNF768	0.00122973	0.000202631	0.359111	-2.78465	0.00293728	0.51104	-1.95679	0.997711	0.999529	-1.00047	0.546236	0.904517	-1.10556	0.000221693	0.363963	-2.74753	0.46628	0.885292	-1.12957	0.00242781	0.499714	-2.00114	0.0343967	0.666642	-1.50006	0.881408	0.975766	-1.02484	11.094	4.74511	0.380195	1
cg01685246	ZNF768	0.00135226	?	?	?	0.668552	0.886979	-1.12742	?	?	?	0.00375232	0.318762	-3.13713	0.0374794	0.502775	-1.98896	0.277964	0.729234	-1.3713	0.000210843	6.55509	6.55509	0.0167064	2.31444	2.31444	0.946645	1.01879	1.01879	13.6452	12.7361	0.933373	1
cg02223028	ZNF768	0.00273655	0.00278525	0.345807	-2.89179	0.0208088	0.488402	-2.0475	0.00924362	0.427035	-2.34173	0.300387	1.31837	1.31837	0.0032755	0.356197	-2.80743	0.00792792	0.41605	-2.40356	0.00191447	0.322441	-3.10134	0.100054	1.59062	1.59062	0.040517	0.54373	-1.83915	8.79438	9.23973	0.933903	1
cg07936430	ZNF768	0.00849179	0.00163327	0.603161	-1.65793	0.230738	1.15127	1.15127	0.962342	0.994724	-1.0053	0.0980206	1.22551	1.22551	0.133654	0.834217	-1.19873	0.0422275	1.29977	1.29977	0.00666653	0.674068	-1.48353	0.643993	0.949195	-1.05352	0.0740799	0.800089	-1.24986	6.22592	1.23793	0.176742	1
cg06057208	ZNF768	0.0113432	0.104897	1.31223	1.31223	0.0130175	1.60393	1.60393	0.369461	1.15181	1.15181	0.216518	0.819217	-1.22068	0.0738137	0.736708	-1.35739	0.0243568	1.50898	1.50898	0.00147028	2.02173	2.02173	0.341766	1.16207	1.16207	0.511979	0.903046	-1.10736	5.67599	2.11359	0.330999	1
cg26998856	ZNF76;ZNF76	0.0275223	0.0500423	0.679248	-1.47222	0.106851	0.737337	-1.35623	0.867001	0.971406	-1.02944	0.307421	0.832873	-1.20066	0.15771	1.29884	1.29884	0.139129	0.759166	-1.31724	0.0169873	0.604211	-1.65505	0.0371352	1.5202	1.5202	0.0616026	1.43968	1.43968	4.21322	1.9991	0.421763	1
cg13076718	ZNF77	0.0036009	0.0011361	0.588485	-1.69928	0.0925019	0.814606	-1.22759	0.0310657	0.755547	-1.32354	0.00654211	0.676202	-1.47885	0.00303354	0.637703	-1.56813	0.0051171	0.663882	-1.50629	0.000998458	0.581997	-1.71822	0.0146309	0.716815	-1.39506	0.406191	0.910261	-1.09868	8.10453	1.57443	0.17268	1
cg18458558	ZNF77	0.0076049	0.00719265	0.282525	-3.53951	0.00607234	0.27109	-3.68881	0.0266233	0.383956	-2.60447	0.145875	0.566197	-1.76617	0.00240659	0.214333	-4.66563	0.0146007	0.334312	-2.99121	0.00585644	0.268689	-3.72177	0.00656068	0.276271	-3.61963	0.0300975	0.394834	-2.53271	6.44589	13.55	1.86854	1
cg26155152	ZNF77	0.0157739	0.217151	0.510164	-1.96015	0.00949195	0.182078	-5.49214	0.204766	0.499806	-2.00078	0.0250844	0.251281	-3.97961	0.00171444	0.0982744	-10.1756	0.289262	0.565438	-1.76854	0.0257475	0.25342	-3.94601	0.053867	0.321586	-3.10958	0.00639188	0.158948	-6.29137	5.09503	21.6784	3.78205	1
cg19689947	ZNF77	0.0164622	0.0198424	0.586099	-1.7062	0.0269729	0.607996	-1.64475	0.0127936	0.555738	-1.79941	0.130114	0.733011	-1.36424	0.000866982	0.386927	-2.58447	0.0851868	0.696599	-1.43555	0.646719	0.916066	-1.09162	0.873034	1.03085	1.03085	0.199574	0.773011	-1.29364	5.02312	2.87106	0.508061	1
cg04335562	ZNF77	0.0369131	0.0599989	1.14112	1.14112	0.189523	1.09031	1.09031	0.169392	0.912945	-1.09536	0.0526959	1.14686	1.14686	0.0827448	1.12698	1.12698	0.192137	1.08969	1.08969	0.0223974	0.843478	-1.18557	0.0445355	1.15434	1.15434	0.77026	1.01839	1.01839	3.79311	0.232542	0.0544946	1
cg06326914	ZNF770	0.000459371	0.336686	0.914022	-1.09407	0.197141	1.13173	1.13173	1.69E-05	2.2288	2.2288	0.543289	1.05743	1.05743	0.096071	1.18042	1.18042	0.0417898	1.23733	1.23733	0.527417	0.943545	-1.05983	0.00385491	0.702302	-1.42389	0.00348721	1.43296	1.43296	14.6301	1.90852	0.115957	1
cg16773127	ZNF770	0.00216758	0.0692038	1.1778	1.1778	0.00021741	1.64295	1.64295	0.689996	1.0328	1.0328	0.310656	1.08811	1.08811	0.0243099	1.24121	1.24121	0.115859	0.871469	-1.14749	0.503345	0.946797	-1.05619	0.00250272	0.713165	-1.4022	0.104579	1.15351	1.15351	9.41809	0.966528	0.0912219	1
cg05924191	ZNF770	0.0147546	0.485454	0.893691	-1.11896	0.0222471	1.5442	1.5442	0.18135	0.798515	-1.25233	0.0303497	0.667882	-1.49727	0.00333448	0.530716	-1.88425	0.0934701	1.33983	1.33983	0.391594	0.870067	-1.14934	0.146595	1.28027	1.28027	0.35568	1.16259	1.16259	5.20902	2.07435	0.353975	1
cg15323626	ZNF770	0.0267921	0.164539	0.456204	-2.192	0.000929487	0.0730825	-13.6832	0.0540257	0.314303	-3.18165	0.84857	0.903784	-1.10646	0.158431	0.450276	-2.22086	0.158675	0.450515	-2.21968	0.0105526	0.182217	-5.48798	0.442679	0.66084	-1.51322	0.220049	0.505385	-1.97869	4.25318	18.8662	3.94292	1
cg00619231	ZNF770	0.0297679	0.330674	1.18476	1.18476	0.00239427	0.489324	-2.04363	0.276413	0.825944	-1.21074	0.374922	0.857421	-1.16629	0.275339	1.2113	1.2113	0.203061	1.25478	1.25478	0.496456	1.12371	1.12371	0.0737481	1.40031	1.40031	0.125425	1.32331	1.32331	4.09812	1.8518	0.40166	1
cg11555471	ZNF770	0.0432298	0.321247	0.864926	-1.15617	0.417718	0.889349	-1.12442	0.164246	0.81046	-1.23387	0.943794	1.01003	1.01003	0.86918	0.976929	-1.02362	0.00754351	1.62709	1.62709	0.00899653	0.624804	-1.6005	0.444107	1.11681	1.11681	0.562435	0.920419	-1.08646	3.57875	1.13647	0.282275	1
cg12062572	ZNF770	0.0433976	0.149909	0.662279	-1.50994	0.593521	0.866048	-1.15467	0.32077	0.760445	-1.31502	0.21101	1.42162	1.42162	0.00308973	0.339293	-2.9473	0.903635	1.03286	1.03286	0.137934	0.652833	-1.53179	0.0840755	1.66569	1.66569	0.230734	0.714895	-1.39881	3.57359	4.03318	1.00321	1
cg10403934	ZNF770	0.0440078	0.551063	0.847939	-1.17933	0.981925	0.993824	-1.00621	0.310192	1.33265	1.33265	0.3954	0.788182	-1.26874	0.501541	0.829825	-1.20507	0.0805827	0.58862	-1.69889	0.00630771	0.378017	-2.64538	0.587169	1.16174	1.16174	0.006078	0.375447	-2.66349	3.55503	4.21075	1.05284	1
cg17850538	ZNF770;ZNF770	0.0353835	0.398031	1.2237	1.2237	0.230757	1.34085	1.34085	0.887207	1.03366	1.03366	0.0871457	1.55377	1.55377	0.0221553	1.89628	1.89628	0.136421	1.45404	1.45404	0.000983113	3.13634	3.13634	0.420819	1.21151	1.21151	0.143157	1.44353	1.44353	3.8519	3.32047	0.766253	1
cg01402814	ZNF771;ZNF771	0.000122626	0.0663791	1.57486	1.57486	6.92E-05	4.97233	4.97233	0.00380623	2.3652	2.3652	0.235292	1.31571	1.31571	0.00289064	0.405116	-2.46843	3.77E-05	5.72819	5.72819	0.114371	0.684679	-1.46054	0.00117034	2.86039	2.86039	0.00308763	2.44309	2.44309	20.9629	16.1542	0.684987	1
cg05085585	ZNF771;ZNF771	0.000851523	0.708763	1.06595	1.06595	0.000123517	3.12601	3.12601	0.00228535	2.06685	2.06685	0.0056863	1.85418	1.85418	0.561857	1.10499	1.10499	0.573492	1.10166	1.10166	0.133348	0.759094	-1.31736	0.0015286	2.17389	2.17389	0.00080194	2.36636	2.36636	12.3137	5.65107	0.407935	1
cg04502490	ZNF771;ZNF771	0.0018638	0.212256	0.651118	-1.53582	0.0188321	2.53249	2.53249	0.00675341	3.14786	3.14786	0.214593	1.53212	1.53212	0.287059	0.696984	-1.43475	0.00297591	3.78467	3.78467	0.00013331	8.69412	8.69412	0.874598	1.05293	1.05293	0.011799	2.79242	2.79242	9.84178	16.6224	1.5013	1
cg05731156	ZNF771;ZNF771	0.00211575	0.381182	1.34166	1.34166	0.00109723	4.83211	4.83211	0.641928	1.1656	1.1656	0.0353307	2.2299	2.2299	0.0138242	0.369515	-2.70625	0.0522613	2.05929	2.05929	0.177358	0.625553	-1.59858	0.00082798	5.19359	5.19359	0.00597257	3.24147	3.24147	9.48495	16.0842	1.50734	1
cg16699861	ZNF771;ZNF771	0.00326743	0.307649	0.7569	-1.32118	0.359252	1.28226	1.28226	0.00863939	2.41829	2.41829	0.0840081	1.65577	1.65577	0.0426891	0.54043	-1.85038	0.000277877	4.80132	4.80132	0.0105105	2.33777	2.33777	0.749213	0.918886	-1.08827	0.0296019	1.96502	1.96502	8.34344	9.19238	0.979333	1
cg23235772	ZNF772;ZNF772	0.00680971	0.136412	0.826931	-1.20929	0.468157	1.09136	1.09136	0.0063607	1.52292	1.52292	0.142015	0.829476	-1.20558	0.338546	0.889731	-1.12393	0.00608463	0.654317	-1.52831	0.00227796	0.603265	-1.65765	0.518892	1.08052	1.08052	0.192084	1.17766	1.17766	6.67216	1.48216	0.197458	1
cg02298956	ZNF772;ZNF772	0.0106755	0.263534	1.4901	1.4901	0.0114877	0.338921	-2.95054	0.0977134	1.86216	1.86216	0.637892	0.850254	-1.17612	0.0010437	0.190018	-5.26266	0.423598	1.32269	1.32269	0.153221	0.592525	-1.68769	0.176182	1.63573	1.63573	0.277566	1.47167	1.47167	5.78803	10.7341	1.64847	1
cg23391173	ZNF772;ZNF772	0.0142893	0.0351605	2.38431	2.38431	0.0107403	0.321387	-3.11152	0.999995	1	1	0.0774122	2.00395	2.00395	0.124782	0.555199	-1.80116	0.751162	1.11924	1.11924	0.0194785	0.367879	-2.71828	0.0495342	2.21111	2.21111	0.0688954	2.05622	2.05622	5.26434	10.4542	1.7652	1
cg25419914	ZNF772;ZNF772	0.0189825	0.105783	1.37362	1.37362	0.895494	0.976664	-1.02389	0.130724	1.34074	1.34074	0.0430915	0.658248	-1.51918	0.075596	1.42672	1.42672	0.0163192	1.69485	1.69485	0.145382	0.755088	-1.32435	0.0196232	1.65959	1.65959	0.0209124	1.64765	1.64765	4.78855	2.44833	0.454478	1
cg03553544	ZNF772;ZNF772	0.0347915	0.467207	0.932142	-1.0728	0.00219828	1.50351	1.50351	0.0725212	1.20965	1.20965	0.165046	0.868778	-1.15104	0.588407	0.949428	-1.05327	0.799924	0.976166	-1.02442	0.1898	0.876418	-1.14101	0.509893	1.06555	1.06555	0.140343	1.16262	1.16262	3.8755	0.553775	0.127015	1
cg14411687	ZNF773	0.000404782	4.14E-05	0.131702	-7.59289	0.00246744	0.335403	-2.98149	0.0639834	0.582608	-1.71642	0.846089	1.05172	1.05172	0.000241901	0.206878	-4.83376	0.353846	0.780716	-1.28088	0.000333904	0.222705	-4.49025	0.671192	1.11718	1.11718	0.0216558	0.488953	-2.04519	15.1505	16.1586	0.948035	1
cg19034995	ZNF773	0.00117463	0.336461	1.17231	1.17231	0.320301	1.17907	1.17907	1.55E-05	0.23853	-4.19235	0.35291	0.857846	-1.16571	0.546069	1.10296	1.10296	0.430626	0.878941	-1.13773	0.15082	1.28015	1.28015	0.329568	1.17516	1.17516	0.960982	1.00788	1.00788	11.2401	4.58051	0.362236	1
cg15424856	ZNF773	0.00299071	0.5783	1.0731	1.0731	0.0123804	1.47877	1.47877	0.470189	0.911821	-1.09671	0.941407	1.00928	1.00928	9.33E-05	0.416546	-2.40069	0.031646	0.728646	-1.37241	0.481285	0.913984	-1.09411	0.421221	1.10876	1.10876	0.201028	0.843937	-1.18492	8.56603	2.14186	0.222259	1
cg22411784	ZNF773	0.00779921	0.168264	0.868219	-1.15178	0.1449	1.16263	1.16263	0.645391	0.956385	-1.0456	0.0714597	0.823876	-1.21377	0.514316	0.938337	-1.06571	0.864638	1.01656	1.01656	0.00013562	0.529519	-1.88851	0.109522	0.845418	-1.18285	0.655467	0.9577	-1.04417	6.39505	0.938136	0.130397	1
cg02808411	ZNF773	0.0247605	0.429698	1.13526	1.13526	0.776541	1.0458	1.0458	0.196786	0.806733	-1.23957	0.0408195	0.689655	-1.45	0.0357338	0.680734	-1.469	0.00589688	0.567249	-1.76289	0.0330049	1.48048	1.48048	0.587141	1.09011	1.09011	0.138909	0.778271	-1.2849	4.37184	1.71481	0.348658	1
cg21117673	ZNF773	0.0422565	0.592717	1.12778	1.12778	0.958127	1.01176	1.01176	0.141333	1.42232	1.42232	0.891225	0.969985	-1.03094	0.00588761	0.448154	-2.23138	0.431417	1.19583	1.19583	0.518698	0.864405	-1.15687	0.00984866	2.06792	2.06792	0.617415	1.1187	1.1187	3.60916	2.83544	0.698332	1
cg09555914	ZNF773;ZNF773	0.0014502	0.589965	0.931016	-1.0741	0.240396	0.85087	-1.17527	0.0229263	1.42981	1.42981	0.781065	0.964055	-1.03729	0.0228009	1.43045	1.43045	0.00465897	0.609934	-1.63952	0.00013918	0.421168	-2.37435	0.0290946	0.713254	-1.40203	0.018047	0.685643	-1.45849	10.5819	2.89308	0.243022	1
cg24864831	ZNF774	0.00503403	0.00453515	0.484493	-2.06401	0.761372	1.0601	1.0601	0.144023	0.740239	-1.35091	0.024942	0.599691	-1.66753	0.284998	1.23716	1.23716	0.00207247	0.435626	-2.29555	0.00496413	0.490277	-2.03966	0.372599	1.19174	1.19174	0.00477054	0.487728	-2.05032	7.32341	4.25939	0.516989	1
cg20428153	ZNF774	0.00785722	0.546205	0.920121	-1.08681	0.0213889	1.45778	1.45778	0.741386	0.955858	-1.04618	0.514231	0.913779	-1.09436	0.0569199	0.745497	-1.34139	0.00106411	0.517114	-1.93381	0.0265802	1.4309	1.4309	0.184557	1.21149	1.21149	0.109414	1.26862	1.26862	6.38018	1.87771	0.261603	1
cg15268200	ZNF774	0.0139158	0.061646	0.681114	-1.46818	0.218536	0.789697	-1.26631	0.02708	0.620394	-1.61188	0.961559	0.991246	-1.00883	0.00373617	0.489508	-2.04287	0.00109296	0.415267	-2.40809	0.0397723	0.648115	-1.54294	0.218281	0.789583	-1.26649	0.813583	1.04404	1.04404	5.3104	2.79927	0.468559	1
cg23877323	ZNF774	0.042532	0.0980347	0.832618	-1.20103	0.228863	0.880329	-1.13594	0.291634	0.895437	-1.11677	0.050719	0.798757	-1.25195	0.131057	1.17887	1.17887	0.340688	0.905647	-1.10418	0.00390763	0.675659	-1.48004	0.0391203	0.785861	-1.27249	0.983906	0.997966	-1.00204	3.60047	0.580932	0.143421	1
cg15839673	ZNF774	0.0448917	0.341743	0.677656	-1.47568	0.0711247	0.448993	-2.22721	0.12005	0.511773	-1.95399	0.704158	0.85939	-1.16362	0.579226	1.24918	1.24918	0.00165732	0.167304	-5.97714	0.0333981	0.372539	-2.68428	0.221935	0.600552	-1.66513	0.578458	0.800156	-1.24976	3.52871	8.81762	2.22118	1
cg11209394	ZNF775	0.00526473	0.0213357	0.528759	-1.89122	0.421549	0.827692	-1.20818	0.0191516	0.520514	-1.92118	0.0604512	0.614069	-1.62848	0.000152559	0.224034	-4.46361	0.0156448	0.505329	-1.97891	0.0398734	0.578579	-1.72837	0.537694	1.15458	1.15458	0.178363	0.719384	-1.39008	7.22375	6.06965	0.746877	1
cg17020337	ZNF775	0.007171	0.253768	0.880474	-1.13575	0.00717926	1.44875	1.44875	0.0388519	1.29105	1.29105	0.566113	0.93993	-1.06391	0.000360995	1.84223	1.84223	0.367436	1.10394	1.10394	0.228713	0.87378	-1.14445	0.736223	1.03677	1.03677	0.159572	1.17414	1.17414	6.56548	1.18624	0.160603	1
cg15188808	ZNF775	0.0248518	0.329947	0.869168	-1.15053	0.00432687	1.70221	1.70221	0.0978007	1.28831	1.28831	0.606756	0.930147	-1.0751	0.829985	1.03045	1.03045	0.0204024	1.47668	1.47668	0.0132924	1.53398	1.53398	0.289464	0.857827	-1.16574	0.860686	0.975797	-1.0248	4.36625	1.34518	0.273855	1
cg00956490	ZNF775	0.0280897	0.659051	0.921816	-1.08482	0.642681	0.917904	-1.08944	0.0049095	0.504929	-1.98048	0.509372	1.13056	1.13056	0.0162006	0.583202	-1.71467	0.0192192	0.594921	-1.6809	0.0786064	1.43069	1.43069	0.610828	0.910196	-1.09866	0.280946	0.814268	-1.2281	4.18307	2.22699	0.47323	1
cg25310617	ZNF776	0.000494599	0.000424406	0.163458	-6.11779	0.004582	0.293864	-3.40294	0.00709731	0.323491	-3.09128	0.727056	1.12041	1.12041	0.000101151	0.106945	-9.35056	0.489837	0.796439	-1.25559	0.000204167	0.132687	-7.53652	0.00258748	0.258002	-3.87593	0.717484	0.888789	-1.12513	14.3336	23.8985	1.48205	1
cg02682905	ZNF776	0.0398944	0.125174	0.473438	-2.11221	0.657213	0.817743	-1.22288	0.875662	1.07309	1.07309	0.230816	0.567624	-1.76173	0.00795961	0.215947	-4.63076	0.018062	0.274222	-3.64668	0.016488	0.267154	-3.74316	0.336411	1.56288	1.56288	0.0680773	0.398323	-2.51053	3.68672	11.8507	2.85727	1
cg01097964	ZNF776	0.0482314	0.154582	0.677232	-1.4766	0.569996	0.863426	-1.15818	0.557749	1.16374	1.16374	0.484425	0.833811	-1.19931	0.114559	1.55115	1.55115	0.00820631	0.42102	-2.37518	0.290869	1.32361	1.32361	0.663417	1.11852	1.11852	0.0270131	1.95373	1.95373	3.43472	3.55914	0.921088	1
cg17545933	ZNF777	1.73E-07	0.988391	0.998602	-1.0014	0.670919	1.04196	1.04196	0.018435	1.31646	1.31646	2.24E-09	0.0678288	-14.743	0.00017307	1.8465	1.8465	0.00469183	1.43538	1.43538	0.00184393	0.653584	-1.53003	0.92513	0.991001	-1.00908	0.000140092	0.531335	-1.88205	114.617	16.7898	0.130209	1
cg23871318	ZNF777	7.02E-06	0.00739409	0.583365	-1.71419	0.0193339	0.642904	-1.55544	0.007238	0.582073	-1.718	0.684922	1.06578	1.06578	1.63E-05	0.250034	-3.99946	8.55E-06	0.220421	-4.53678	1.31E-06	0.143961	-6.94631	0.00172808	2.00991	2.00991	2.88E-05	0.27738	-3.60516	44.4577	17.1719	0.343334	1
cg25689539	ZNF777	0.000153222	1.84E-05	0.302777	-3.30276	0.0165507	0.669886	-1.49279	0.71554	1.05137	1.05137	0.0828134	1.30068	1.30068	0.588053	1.07772	1.07772	8.03E-05	0.377441	-2.64942	0.130564	0.799749	-1.25039	0.465207	1.10707	1.10707	0.000250302	0.437449	-2.28598	19.7435	5.85691	0.263689	1
cg06205063	ZNF777	0.000241413	6.68E-05	0.433549	-2.30655	0.00285879	1.59911	1.59911	0.321913	0.889545	-1.12417	0.0228101	1.36565	1.36565	0.40889	0.907907	-1.10143	0.563392	0.935365	-1.0691	0.010605	0.692389	-1.44428	0.0417991	0.764621	-1.30784	7.98E-05	0.442599	-2.25938	17.4554	3.61691	0.184186	1
cg02002684	ZNF777	0.00117143	0.542854	0.894483	-1.11796	0.0233532	1.63322	1.63322	0.211972	0.788181	-1.26874	0.0203132	1.65941	1.65941	0.181883	0.773728	-1.29244	0.000200809	0.323129	-3.09474	0.0172964	1.69029	1.69029	0.00191146	2.21615	2.21615	0.74413	0.942432	-1.06108	11.2488	5.83906	0.461405	1
cg14018786	ZNF777	0.00229787	0.608517	1.07908	1.07908	0.438843	1.12337	1.12337	0.44176	0.890866	-1.1225	0.0756313	1.33824	1.33824	0.954386	0.991608	-1.00846	0.00191845	0.523508	-1.91019	0.00028672	0.41799	-2.3924	0.417447	0.885074	-1.12985	0.00184303	0.521233	-1.91853	9.25851	3.18281	0.305575	1
cg07562382	ZNF777	0.00242697	0.627637	1.08091	1.08091	0.000251401	0.382515	-2.61428	0.272717	1.19927	1.19927	0.0369132	1.47075	1.47075	0.00222901	1.9774	1.9774	0.0408309	1.45615	1.45615	0.130306	1.29706	1.29706	0.7618	0.952761	-1.04958	0.539889	0.90594	-1.10383	9.11115	3.65613	0.356695	1
cg20325032	ZNF777	0.00620826	0.753364	1.05353	1.05353	0.00770559	1.76184	1.76184	0.707792	0.939613	-1.06427	0.230346	1.23142	1.23142	0.010595	1.70191	1.70191	0.175726	1.26893	1.26893	0.000160589	2.90501	2.90501	0.35767	1.16939	1.16939	0.180777	1.265	1.265	6.86637	2.97589	0.385244	1
cg08965367	ZNF777	0.00680904	0.039286	1.2541	1.2541	0.0687713	1.21335	1.21335	0.0230576	1.29436	1.29436	0.735868	1.03267	1.03267	0.000699026	1.6337	1.6337	0.183294	0.87455	-1.14345	0.583318	0.948765	-1.054	0.0344419	0.791213	-1.26388	0.0683518	1.21379	1.21379	6.67236	0.952511	0.126893	1
cg07966572	ZNF777	0.0090181	0.0200267	0.497191	-2.0113	0.468763	1.20145	1.20145	0.126412	0.662533	-1.50936	0.545767	1.16443	1.16443	0.000409207	0.247192	-4.04543	0.0343214	0.540794	-1.84913	0.704725	0.909561	-1.09943	0.0124194	0.460833	-2.16998	0.205219	0.716922	-1.39485	6.10848	5.99756	0.872748	1
cg06887471	ZNF777	0.0149189	0.545098	0.948641	-1.05414	0.0125161	0.765336	-1.30661	0.0028157	0.701688	-1.42514	0.103678	1.16556	1.16556	0.550739	1.05334	1.05334	0.0143262	0.771081	-1.29688	0.020457	0.786268	-1.27183	0.537827	0.947711	-1.05517	0.538777	0.947833	-1.05504	5.18999	0.609214	0.10434	1
cg21326642	ZNF777	0.0180025	0.172635	1.42394	1.42394	0.0289977	1.87157	1.87157	0.00698696	2.33854	2.33854	0.337581	1.27218	1.27218	0.0489776	1.72869	1.72869	0.0259838	1.90312	1.90312	0.00510212	2.46245	2.46245	0.0751156	1.62026	1.62026	0.00418736	2.54514	2.54514	4.8749	4.57784	0.834724	1
cg23184070	ZNF777	0.0184599	0.0510388	1.6635	1.6635	0.110354	1.48955	1.48955	0.0008711	3.13862	3.13862	0.0726227	1.582	1.582	0.656619	1.10791	1.10791	0.189973	0.727675	-1.37424	0.292322	1.28428	1.28428	0.607269	1.12606	1.12606	0.0202489	1.89861	1.89861	4.83389	4.0151	0.738323	1
cg12714014	ZNF777	0.0329393	0.011679	0.653414	-1.53042	0.603437	0.931676	-1.07333	0.012777	0.658555	-1.51848	0.271029	1.16736	1.16736	0.607346	1.0725	1.0725	0.68274	0.946017	-1.05706	0.537512	0.919147	-1.08796	0.864061	0.977125	-1.02341	0.01574	1.4913	1.4913	3.95267	1.14159	0.256725	1
cg24798115	ZNF777	0.0354256	0.321277	1.37651	1.37651	0.934301	0.974618	-1.02604	0.965469	0.986591	-1.01359	0.806093	1.07971	1.07971	0.786178	1.08849	1.08849	0.770842	0.912947	-1.09535	0.000568457	0.189242	-5.28424	0.375943	0.753254	-1.32757	0.840899	1.06468	1.06468	3.85024	5.92986	1.369	1
cg02420615	ZNF777	0.0405868	0.0126069	0.221967	-4.50517	0.00401829	0.153267	-6.52455	0.696454	1.20955	1.20955	0.163042	2.05965	2.05965	0.495232	1.39942	1.39942	0.871037	1.08203	1.08203	0.519049	0.728177	-1.37329	0.592947	0.769628	-1.29933	0.146406	0.469299	-2.13084	3.66341	13.663	3.31518	1
cg06489557	ZNF777	0.0425676	0.269188	1.39719	1.39719	0.891523	1.04046	1.04046	0.333165	1.33663	1.33663	0.00150418	0.264637	-3.77876	0.805616	0.930844	-1.07429	0.217988	1.4574	1.4574	0.14127	0.631392	-1.5838	0.803481	0.930094	-1.07516	0.425285	0.78927	-1.26699	3.59935	4.81587	1.18932	1
cg01584104	ZNF778	0.00133116	0.12996	0.471418	-2.12126	0.918062	1.04845	1.04845	0.684268	1.20678	1.20678	0.0326166	0.31675	-3.15707	0.0845827	0.416023	-2.40371	1.93E-05	0.0185199	-53.9961	0.0332759	0.318571	-3.13902	0.319595	1.60457	1.60457	0.0480434	0.353827	-2.82624	10.8453	36.3046	2.97557	1
cg06087699	ZNF778	0.0014169	0.935614	0.990461	-1.00963	0.0839999	0.797061	-1.25461	0.240876	0.864453	-1.1568	0.349003	0.891921	-1.12118	0.0369769	1.33295	1.33295	0.295482	1.13736	1.13736	2.41E-05	2.71425	2.71425	0.219174	1.16568	1.16568	0.946012	1.00807	1.00807	10.6528	2.37454	0.198137	1
cg00258976	ZNF778	0.00522532	0.0089051	2.78006	2.78006	0.378629	1.31983	1.31983	0.54837	1.20513	1.20513	0.00123308	4.26927	4.26927	0.00620237	2.99321	2.99321	0.0135067	2.55821	2.55821	0.0181339	0.41415	-2.41458	0.693418	1.12944	1.12944	0.783626	0.918912	-1.08824	7.24038	10.8231	1.32874	1
cg03831912	ZNF778	0.00706847	0.875952	1.025	1.025	0.00284169	0.522334	-1.91448	0.000908524	0.456458	-2.19078	0.559992	0.911042	-1.09764	0.00227259	0.509237	-1.96372	0.0888586	0.7433	-1.34535	0.705658	1.06182	1.06182	0.392801	0.870767	-1.14841	0.0759905	0.73188	-1.36634	6.59507	2.60996	0.351773	1
cg08398855	ZNF778	0.00803854	0.268732	1.59908	1.59908	0.320364	1.51881	1.51881	0.577638	1.2563	1.2563	0.0553984	0.407842	-2.45193	0.000275443	0.0727005	-13.7551	?	?	?	0.712704	1.1617	1.1617	0.181276	0.559841	-1.78622	0.840863	1.08484	1.08484	7.38076	16.6836	1.97786	1
cg04594445	ZNF778	0.0088145	0.806379	1.05751	1.05751	0.9762	0.99323	-1.00682	0.0835949	1.54659	1.54659	0.488315	1.17388	1.17388	0.714284	0.919682	-1.08733	0.00208111	0.372805	-2.68237	0.71576	0.920102	-1.08684	0.822836	0.950219	-1.05239	0.000698986	0.308122	-3.24547	6.15287	5.05263	0.72994	1
cg00154549	ZNF778	0.0129817	0.245136	1.31013	1.31013	0.00976171	0.483785	-2.06704	0.822196	0.951219	-1.05128	0.103556	0.673299	-1.48523	0.00993779	0.485042	-2.06168	0.308279	1.26404	1.26404	0.231083	1.32197	1.32197	0.0162968	1.92062	1.92062	0.0717886	1.56305	1.56305	5.43265	4.24788	0.695038	1
cg00436610	ZNF778	0.0190228	0.405261	0.745836	-1.34078	0.00395394	3.79964	3.79964	0.0150846	2.79699	2.79699	0.783908	0.909676	-1.09929	0.116527	1.79916	1.79916	0.028394	0.410255	-2.43751	0.252499	1.50928	1.50928	0.0898375	1.90395	1.90395	0.185894	1.62097	1.62097	4.78512	8.98818	1.66965	1
cg01239268	ZNF778	0.044326	0.519922	0.921524	-1.08516	0.0815069	1.27369	1.27369	0.525558	0.922566	-1.08393	0.462364	0.91052	-1.09827	0.96162	0.993989	-1.00605	0.0425301	0.746297	-1.33995	0.01414	1.4614	1.4614	0.0222312	0.709363	-1.40972	0.928451	0.98881	-1.01132	3.54548	0.881525	0.221007	1
cg07124292	ZNF778	0.0496885	0.270857	0.840608	-1.18962	0.114516	0.771069	-1.2969	0.0927119	0.755631	-1.3234	0.41943	0.882542	-1.13309	0.242477	1.20354	1.20354	0.128556	1.28248	1.28248	0.148326	0.790697	-1.26471	0.0149464	0.635565	-1.5734	0.0893067	1.32812	1.32812	3.39619	1.23389	0.322947	1
cg27347124	ZNF77;ZNF77	0.00111966	0.00794556	0.498569	-2.00574	0.341819	0.824244	-1.21323	0.865548	1.03385	1.03385	0.00777185	0.49699	-2.01211	0.80651	0.952924	-1.0494	?	?	?	2.73E-05	0.160896	-6.21521	0.74111	1.06734	1.06734	0.145741	0.733287	-1.36372	14.1211	7.50995	0.465347	1
cg00340856	ZNF780A;ZNF780A;ZNF780A;ZNF780A	9.53E-06	0.000894464	0.330786	-3.0231	0.00370032	0.417925	-2.39278	0.0107006	0.489895	-2.04125	0.000142656	0.232532	-4.30048	1.42E-06	0.0652313	-15.3301	0.000281377	0.266963	-3.74583	9.78E-07	0.0569135	-17.5705	0.388176	1.21741	1.21741	0.000418184	0.288103	-3.47098	41.0813	32.1905	0.696516	1
cg03860969	ZNF780A;ZNF780A;ZNF780A;ZNF780A	0.000292815	0.000147588	0.733742	-1.36288	0.00301392	0.824543	-1.21279	0.000233625	0.748616	-1.3358	4.74E-05	0.695113	-1.43861	0.315501	0.951956	-1.05047	0.00171549	0.808702	-1.23655	0.0109433	0.859419	-1.16358	0.00656245	0.845777	-1.18235	0.731671	1.01646	1.01646	16.5596	0.590263	0.0316842	1
cg11635100	ZNF780A;ZNF780A;ZNF780A;ZNF780A	0.025626	0.0089736	0.512749	-1.95027	0.0774675	0.674018	-1.48364	0.577049	0.892928	-1.11991	0.0241081	0.582373	-1.71711	0.0199475	0.568569	-1.7588	0.0130438	0.538441	-1.85722	0.131716	1.38689	1.38689	0.981078	1.00478	1.00478	0.428584	0.850063	-1.17638	4.31986	2.76431	0.568806	1
cg04516253	ZNF780A;ZNF780A;ZNF780A;ZNF780A	0.0320647	0.157979	1.64202	1.64202	0.0138528	2.7159	2.7159	0.483861	1.26332	1.26332	0.508633	0.802287	-1.24644	0.49467	1.25586	1.25586	0.00739724	0.321844	-3.1071	0.446846	0.775134	-1.2901	0.114779	0.569248	-1.7567	0.184086	1.5887	1.5887	3.99099	6.82219	1.51946	1
cg27396447	ZNF780B	4.54E-05	0.00122126	0.532827	-1.87678	0.00178174	1.80711	1.80711	0.752249	1.04304	1.04304	0.00412688	0.599431	-1.66825	0.262238	0.85596	-1.16828	0.245748	1.1753	1.1753	1.22E-06	0.189151	-5.28679	0.141108	0.81011	-1.2344	0.105789	1.26499	1.26499	27.3058	7.65535	0.249206	1
cg00386702	ZNF780B	0.00125374	0.769935	0.842311	-1.18721	0.178194	2.30968	2.30968	0.976958	0.983242	-1.01704	0.00285936	0.0905764	-11.0404	9.36E-05	0.0169691	-58.9306	0.00194978	0.0770273	-12.9824	0.0128184	0.16385	-6.10314	0.559064	1.413	1.413	0.298774	1.878	1.878	11.0329	59.8322	4.82053	1
cg13978409	ZNF780B	0.00559139	0.00388201	0.677723	-1.47553	0.00402295	0.679403	-1.47188	0.00420575	0.681498	-1.46736	0.814087	1.02384	1.02384	0.00702877	0.705682	-1.41707	0.710799	0.96343	-1.03796	0.0335103	1.28204	1.28204	0.226895	0.880815	-1.13531	0.131554	0.849727	-1.17685	7.09157	1.12384	0.140867	1
cg27172880	ZNF780B	0.0154268	0.322449	0.604209	-1.65506	0.0266714	3.6497	3.6497	0.0605665	2.83791	2.83791	0.772434	1.15366	1.15366	0.00399471	0.148485	-6.73468	0.174736	0.490875	-2.03718	0.422132	0.667505	-1.49812	0.0123529	0.215343	-4.64376	0.253672	0.555642	-1.79972	5.1328	19.754	3.42096	1
cg24192581	ZNF780B;ZNF780B	0.0260065	0.11713	1.39035	1.39035	0.21296	1.28911	1.28911	0.44877	1.1612	1.1612	0.408754	0.849093	-1.17773	0.839637	1.04001	1.04001	0.814079	1.04667	1.04667	0.00166153	0.418477	-2.38962	0.0269519	0.602166	-1.66067	0.39773	0.84565	-1.18252	4.2977	2.55152	0.527729	1
cg09449030	ZNF781	0.00283523	0.270825	0.804577	-1.24289	0.00798702	0.524753	-1.90566	0.293622	0.813334	-1.22951	0.206433	1.28755	1.28755	0.0006553	0.371405	-2.69248	0.0759053	1.45447	1.45447	0.195578	0.771357	-1.29642	0.00293881	2.16991	2.16991	0.257757	1.25105	1.25105	8.7027	4.95794	0.506401	1
cg03611452	ZNF781	0.0095037	0.250733	0.602584	-1.65952	0.560608	0.784278	-1.27506	0.0126937	4.39388	4.39388	0.00557446	0.16295	-6.13685	0.0254782	0.293085	-3.41198	0.00146366	0.0850747	-11.7544	0.425649	0.71311	-1.40231	0.880478	1.06366	1.06366	0.366515	1.47275	1.47275	10.3906	25.3814	1.35708	1
cg23405218	ZNF781	0.0162633	0.0034509	0.476534	-2.09849	0.621449	0.911281	-1.09736	0.0197509	0.59128	-1.69125	0.847516	0.964707	-1.03658	0.273628	0.808449	-1.23694	0.941597	1.01377	1.01377	0.00294587	0.466702	-2.1427	0.0312521	0.623934	-1.60273	0.0193541	0.589865	-1.6953	5.04351	2.78275	0.490443	1
cg22521696	ZNF781;ZNF781	0.00017464	0.000130255	0.554298	-1.80408	0.226149	1.11948	1.11948	0.0414659	1.23219	1.23219	0.585567	0.952282	-1.05011	0.351999	1.08878	1.08878	0.866227	1.01508	1.01508	8.08E-06	0.42047	-2.37829	0.204889	1.12613	1.12613	0.34662	1.08988	1.08988	19.0582	2.3802	0.111015	1
cg13457522	ZNF782	0.0067561	0.0456585	0.372702	-2.68311	0.00416184	0.191233	-5.22922	0.01218	0.260384	-3.84048	0.208746	0.565098	-1.7696	0.00985829	0.24542	-4.07466	0.158081	0.522044	-1.91555	0.000434004	0.0910612	-10.9816	0.032539	0.340375	-2.93794	0.0260226	0.320507	-3.12005	6.68859	19.6525	2.61174	1
cg10778836	ZNF782	0.0175422	0.0185992	0.524581	-1.90628	0.00484892	0.429709	-2.32715	0.0131403	0.498918	-2.00434	0.0161637	0.514106	-1.94512	0.00871442	0.469663	-2.12919	0.932218	1.01942	1.01942	0.0338149	0.571021	-1.75125	0.26785	0.7703	-1.29819	0.0591241	0.617655	-1.61903	4.91749	3.98171	0.719737	1
cg01755551	ZNF782	0.0289399	0.0234689	0.214106	-4.67058	0.00251451	0.0916751	-10.9081	0.0174204	0.192336	-5.19924	0.0905224	0.34574	-2.89235	0.118371	0.380802	-2.62604	0.417139	0.623624	-1.60353	0.0301925	0.234232	-4.26927	0.0943968	0.350968	-2.84926	0.039683	0.258072	-3.87489	4.13927	21.2592	4.56532	1
cg18783886	ZNF783	0.000153369	0.882406	0.974593	-1.02607	0.0962263	0.727904	-1.37381	0.000797738	0.414572	-2.41213	0.0194956	1.63381	1.63381	0.98136	0.995946	-1.00407	0.00329559	0.498531	-2.0059	7.05E-06	0.177736	-5.62632	0.043493	1.49729	1.49729	0.0784329	1.40479	1.40479	19.7383	9.45025	0.425579	1
cg22376262	ZNF783	0.0020251	0.00128403	0.279085	-3.58314	0.188559	1.46055	1.46055	0.220953	0.704773	-1.4189	0.247828	1.38892	1.38892	0.000292693	0.200888	-4.97789	0.00597293	0.376341	-2.65716	0.0246517	0.483088	-2.07002	0.0264146	0.48881	-2.04578	0.0141545	0.439031	-2.27775	9.60693	11.2497	1.04089	1
cg17661206	ZNF783	0.00251612	0.00122951	0.549124	-1.82108	0.0107278	0.665891	-1.50175	0.0782241	0.780262	-1.28162	0.0165022	0.689705	-1.44989	0.466315	0.910269	-1.09858	0.0213286	0.70407	-1.42031	0.00191456	1.74594	1.74594	0.0184498	0.695933	-1.43692	0.983306	1.00266	1.00266	9.01497	2.29629	0.226417	1
cg02373627	ZNF783	0.00298444	0.062281	0.666043	-1.5014	0.135013	0.731969	-1.36618	0.0786954	0.685121	-1.4596	0.241453	1.26801	1.26801	7.50E-05	0.248534	-4.02359	0.44485	0.859993	-1.1628	0.0323331	1.62467	1.62467	0.928755	0.982831	-1.01747	0.894918	0.974734	-1.02592	8.57137	5.09085	0.527943	1
cg05461153	ZNF783	0.00576244	0.0300981	0.540433	-1.85037	0.204943	1.38082	1.38082	0.172743	0.704638	-1.41917	0.16233	0.697742	-1.4332	0.000667772	0.284727	-3.51214	0.0637301	0.604804	-1.65343	0.00101795	0.308668	-3.23972	0.906087	1.02888	1.02888	0.0710879	0.614815	-1.6265	7.02613	6.4769	0.819405	1
cg09575322	ZNF783	0.00784968	0.608277	1.07493	1.07493	0.922499	0.986492	-1.01369	0.0989716	1.28765	1.28765	0.358881	1.14094	1.14094	0.447152	0.897369	-1.11437	0.0025841	0.557819	-1.7927	0.00207348	1.8331	1.8331	0.530968	0.915118	-1.09276	0.026601	0.692603	-1.44383	6.3821	1.97448	0.275003	1
cg07194495	ZNF783	0.00964613	0.253456	0.853482	-1.17167	0.000349116	2.14621	2.14621	0.513352	0.915711	-1.09205	0.0262663	0.704583	-1.41928	0.90575	1.01586	1.01586	0.312164	0.870327	-1.14899	0.433265	1.11207	1.11207	0.250495	1.17294	1.17294	0.453834	0.90361	-1.10667	5.97903	1.67098	0.248421	1
cg21529699	ZNF783	0.0103191	0.589139	0.928149	-1.07741	0.000328832	0.45237	-2.21058	0.678279	1.0587	1.0587	0.37587	0.883138	-1.13233	0.217809	0.837543	-1.19397	0.0940501	1.28627	1.28627	0.0459653	1.36722	1.36722	0.615846	0.93316	-1.07163	0.830499	1.02975	1.02975	5.85147	1.73296	0.263252	1
cg14735087	ZNF783	0.0122462	0.0188518	0.673369	-1.48507	0.0539594	0.737767	-1.35544	0.0448453	0.726078	-1.37726	0.0987952	0.777544	-1.2861	0.0059645	0.606683	-1.64831	0.0710966	0.755574	-1.3235	0.00833153	1.59801	1.59801	0.35022	0.87488	-1.14301	0.203881	0.82993	-1.20492	5.53687	1.69464	0.272057	1
cg00837398	ZNF783	0.0141219	0.13162	0.605655	-1.6511	0.00405175	0.304523	-3.28382	0.722888	0.896107	-1.11594	0.113739	1.69922	1.69922	0.0946818	0.567849	-1.76103	0.00228727	0.268783	-3.72048	0.575452	0.840023	-1.19044	0.890128	1.0435	1.0435	0.155146	1.59793	1.59793	5.2848	7.9448	1.3363	1
cg01715379	ZNF783	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20101870	ZNF783	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16322205	ZNF783	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26591684	ZNF783	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26773803	ZNF783	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10766021	ZNF784	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19526184	ZNF784	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22981738	ZNF784	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00766729	ZNF785	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04274917	ZNF785	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00474968	ZNF785	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg27310963	ZNF785	0.00856509	0.0368896	0.78627	-1.25586	0.0771021	0.031326	-1.2029	0.000207597	1.62949	1.62949	0.4641567	1.07246	0.1351658	1.16342	1.16342	0.625941	1.95488	-1.04725	0.0818115	0.834228	1.19871	0.177995	0.874135	-1.14399	0.261577	1.11631	1.11631	0.208658	0.8685778	0.124353	1
cg08103107	ZNF785	0.019043	0.24766	1.31173	1.33173	0.00452717	2.33784	2.33784	0.0295445	0.56256	-1.77759	0.719783	0.922307	-1.08424	0.0617489	0.623538	1.60375	0.349756	1.805662	-1.24122	0.10929	1.47996	0.519924	1.15808	1.15808	0.0473843	0.600933	-1.66408	4.7834	3.81839	0.709564	1
cg03239712	ZNF785	0.0202628	0.0678987	0.70106	-1.42641	0.307576	0.832199	-1.20135	0.563999	0.903662	-1.10661	0.527895	0.894869	-1.11748	0.00106237	0.431496	-2.31752	0.0182049	0.607783	-1.64532	0.870992	0.972166	-1.02863	0.0793172	1.40258	1.40258	0.976279	0.994849	-1.00518	4.683173	2.23775	0.424686	1
cg08359186	ZNF785	0.361551	0.798084	-1.25299	0.606315	0.882495	-1.13315	0.280879	0.30934	1.30934	0.0391396	0.563246	-1.77542	0.0303085	0.54233	-1.84395	0.029157	0.538942	-1.85549	0.0323059	1.82715	1.82715	0.157184	1.43877	1.43877	0.147163	1.45365	1.45365	4.19153	3.8387	0.814065	1
cg15473395	ZNF785	0.000193403	0.137356	0.915988	-1.09172	0.00069049	0.752715	-1.32852	0.184769	0.925761	-1.08019	0.707729	0.92087	1.08567	0.12087	6.12E-06	0.57395	-1.74231	0.0405914	1.13845	1.13845	0.0118241	1.18312	1.18812	0.800013	0.10402	1.01402	0.245385	0.93554	1.0688	18.539	0.8830017	0.0423381	1
cg13585032	ZNF785	0.0013862	0.1847337	0.67937	-1.47195	1.15E-05	0.28973	0.28973	0.000590244	2.68341	2.68341	0.0277958	2.04349	0.409283	1.26102	1.26102	0.0849296	1.688	1.688	0.312096	0.75047	-1.3325	0.734182	0.910586	-1.09839	0.945912	1.01882	1.01882	10.72	12.8226	1.06324	1
cg09730580	ZNF785	0.0138645	0.0872196	0.75883	-1.31782	0.0569532	0.729915	-1.37002	0.435362	0.890198	-1.12335	0.417001	1.12888	1.12888	0.36257	1.14656	1.14656	0.00345232	1.78663	1.78663	0.00381007	1.76873	1.76873	0.673459	0.939036	-1.0639	0.863742	1.02542	1.02542	5.31684	1.79854	0.300686	1
cg17485737	ZNF786;ZNF786	0.0285465	0.0515795	-1.08674	0.0238045	0.619341	0.14377	0.0866557	0.814313	-1.22803	0.44822	1.087551	1.080751	0.0650297	0.825647	-1.21117	0.160122	1.17691	1.17691	0.241556	1.14232	1.14232	0.923408	1.03344	1.03344	0.155877	1.17915	1.17915	4.15593	0.7790898	0.16586	1
cg19072253	ZNF786;ZNF786	0.045769	0.0620053	0.428962	2.33121	0.00282449	0.190794	-5.24126	0.507763	0.762887	-1.31081	0.517206	1.30276	1.30276	0.137839	0.691212	-1.44673	0.719586	0.864943	-1.15628	0.822	0.802428	-1.24622	0.1151	1.59384	1.59384	0.525828	8.12208	2.28389	1
cg20677171	ZNF787	0.000318258	0.00305661	0.3542	-2.82326	0.587409	0.869215	-1.15046	0.00119755	3.36846	3.36846	0.8180556	1.06073	1.06073	0.00487315	0.3848666	-2.59831	0.00120155	3.36626	3.36626	0.00333166	0.359755	-2.77967	0.007752331	3.6748	3.6748	0.0412991	0.547603	-1.82614	16.1861	16.7799	0.921502	1
cg06402020	ZNF787	0.00206642	0.340949	-2.52	0.0153261	0.0153261	0.16861	0.1451252	0.693233	-1.44252	0.00468603	0.4165654	1.07247	0.0971961	0.0143236	0.6933191	-1.44253	0.00403705	2.42701	2.42701	3.37E-05	0.153836	-6.50042	0.975346	0.0680936	-1.23604	0.000554222	0.0287013	-3.48416	16.1007	13.8327	0.763679	1
cg04301857	ZNF787	0.000692248	0.0284308	0.839065	-1.1918	0.000584179	0.143427	0.143427	0.776602	1.01949	1.01949	0.0353081	1.18093	1.18093	0.00331626	1.31169	1.31169	0.00603618	1.27551	1.27551	3.6E-05	1.64699	1.64699	0.25833	1.08331	1.08331	0.0346453	1.18187	1.18187	13.0516	0.95142	0.0647971	1
cg18470162	ZNF787	0.000554289	0.0405626	0.684453	-1.46453	0.0189894	1.112172	1.122172	0.214828	1.810203	-1.09645	0.367094	1.06752	1.06752	0.0632641	1.15712	1.15712	0.00204534	1.24959	1.24959	0.00138263	1.64506	1.64506	0.0179707	1.31478	1.31478	0.0134512	1.42735	1.42735	4.98822	-1.07925	0.98622	0.0702071	1
cg08205443	ZNF787	0.00370316	0.0083915	0.393884	-2.53882	0.00189074	0.38195	0.38195	0.0154384	2.43566	2.43566	0.0104562	2.43952	2.43952	0.140796	1.55013	1.55013	0.00454534	2.8459	2.8459	0.0566119	1.74008	1.74008	0.0380765	1.94497	1.94497	0.742371	0.912771	-1.09557	8.03675	9.74475	1.0778	1
cg20956548	ZNF787	0.00824371	0.308221	1.30892	1.38092	0.04677	1.78795	1.78795	0.147875	1.4402	1.4402	0.5178888	1.08525	1.08525	0.0872684	2.62078	2.62078	0.250109	1.39502	1.39502	0.00490707	0.248158	-4.02969	0.36149	1.27052	1.27052	0.0445019	0.554911	-1.80209	0.0224984	6.48441	0.91717	1
cg21537428	ZNF787	0.0686256	0.526097	1.17257	1.02216868	0.943998	-2.90609	0.439566	0.822209	-1.21624	0.0646197	1.67344	1.6744	0.0449375	0.564209	-1.77092	0.0267148	1.91927	1.91927	0.247407	0.754105	-1.32608	0.0256157	1.93186	1.93186	0.115702	1.52903	0.19818	5.05374	0.868174	1
cg26858540	ZNF787	0.0164535	0.201647	2.3794	2.3794	0.722633	1.2575	1.2575	0.502241	1.54929	1.54929	0.310535	1.96322	1.96322	0.1253197	2.90465	2.90465	0.390071	1.76159	1.76159	0.000457892	0.0287935	-34.7301	0.542605	1.48622	1.48622	0.468242	1.60716	1.60716	5.02401	32.887	5.81863	1
cg10705717	ZNF787	0.0274002	0.875492	1.04621	1.04621	0.105618	0.600354	-1.66401	0.00195423	2.881372	-3.53136	0.961239	1.0241	1.0241	0.887179	0.959927	-1.04175	0.121093	0.616145	-1.6231	0.0150778	2.36441	2.36441	0.273126	0.719993	-1.3889	0.0970968	0.59234	-1.68822	4.64925	6.11171	1.1685	1
cg07442822	ZNF787	0.0178819	0.116377	0.529736	-1.88641	0.0159973	3.05631	3.05631	0.052967	2.27694	2.27694	0.3172864	1.40815	1.40815	0.0147705	0.635836	-1.77092	0.0337196	2.52651	2.52651	0.534602	0.790335	-1.26525	0.0118851	1.23738	1.23738	0.804905	0.911565	-1.09701	4.19827	9.30741	1.97064	1
cg08161930	ZNF787	0.0279003	0.96084	1.01384	1.01384	0.845235	0.946771	-1.05622	0.0165794	2.26831	2.26831	0.816367	0.936968	-1.06727	0.614246	0.867409	-1.15286	0.0109803	0.40935	-2.4429	0.0104401	0.405607	-2.46544	0.126451	0.629567	-1.58839	0.318032	1.33491	1.33491	4.19305	5.20216	1.10281	1
cg03168807	ZNF787	0.031697	0.00254434	0.187573	-5.3132	0.0837078	0.19766	-1.05591	0.288257	1.55363	1.55363	0.957767	0.979058	-1.02139	0.0278835	0.553844	-1.80625	0.0347181	0.373872	-2.67471	0.0715682	0.447479	-2.23474	0.0987853	1.16393	1.16393	0.198348	0.580836	-1.72166	4.01049	10.1376	2.24859	1
cg00789427	ZNF787	0.0364384	0.00371302	0.3301	-7.68639	0.437561	0.662322	-1.50984	0.399269	0.638288	-1.56669	0.908236	0.941774	-1.06183	0.0108404	0.189635	-5.27328	0.0703863	0.349163	-2.86399	0.0278844	0.258473	-3.86484	0.905243	1.06392	1.06392	0.658475	0.328843	-3.04086	3.81103	16.3379	3.81067	1
cg21949216	ZNF787	0.0495204	0.549326	1.302674	-1.48453	0.0713751	1.08552	1.08552	0.0208458	2.53653	2.53653	0.2911112	1.15673	1.15673	0.449677	1.1078	1.1078	0.0782622	0.771058	1.29692	0.0381284	0.636053	-1.5722	0.0167982	0.930733	-1.07442	0.0510282	1.53793	1.53793	4.97366	0.248669	0.0700071	1
cg16022230	ZNF787	0.0390483	0.00752542	0.716997	-1.39471	0.0456875	1.24809	1.24809	0.0638612	1.22322	1.22322	0.591119	1.05386	1.05386	0.73937	1.03282	1.03282	0.111418	1.1826	1.1826	0.372287	0.915209	-1.09265	0.41266	1.08439	1.08439	0.0902383	1.19793	1.19793	3.7159	0.5506633	0.131718	1
cg10579795	ZNF787	0.0484055	0.833918	0.947336	-1.05556	0.290916	0.754076	-1.32613	0.277347	1.33771	1.33771	0.179632	1.44349	1.44349	0.163078	1.46731	1.46731	0.366323	1.27002	1.27002	0.0230942	0.520258	0.842264	-1.18166	0.962946	1.01204	1.01204	0.120404	1.43044	1.43044	3.6033	0.933789	1
cg20477296	ZNF788	1.65E-05	0.0307887	0.4555	-2.19556	0.00451899	2.56826	2.56826	0.0116602	3.14922	3.14922	0.0017835	1.75756	1.75756	0.0836344	1.64927	1.64927	0.0223412	1.78375	1.78375	0.0175416	2.08527	2.08527	0.0255	2.25E-06	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg14529169	ZNF788	0.00241988	0.0217054	0.529981	-1.88686	0.0402342	0.579234	-1.72642	0.00847854	0.461052	-2.16895	0.0085876	2.16475	2.16475	0.00027355	0.253161	-3.95006	0.3693521	0.808619	-1.23668	0.181969	1.38598	1.38598	0.698963	1.09366	1.09366	0.110277	0.669652	-1.49331	0.11898	7.66654	0.74731	1
cg21289365	ZNF788	0.00461356	0.0689004	0.576403	-1.7315	0.0039834	0.753127	-1.32428	0.0438766	0.66557	-1.50257	0.0496312	1.50257	1.50257	0.0096326	1.66433	1.66433	0.0020169	0.451842	-2.21351	0.0240766	0.701964	-1.42453	0.0838957	0.882689	-1.13321	0.0258359	0.882689	-1.13321	0.0258359	2.15336	0.25475	1
cg00023174	ZNF788	0.0120801	0.00924855	0.231722	-4.31551	0.405485	0.680294	-1.47053	0.262622	0.938735	-1.06555	-2.52807	0.752489	0.869322	-1.15032	0.0313802	1.26297	1.26297	0.0192782	0.755	1.32443	1.32443	0.0092425	0.537732	0.829855	1.20541	0.0662399	0.829855	1.20541	0.0662399	1.65376	0.37548	2.75848	1
cg17291922	ZNF789	0.0180441	0.61264	1.04071	1.04071	0.00835354	1.30134	1.30134	0.515004	1.05295	1.05295	0.0892031	1.15775	1.15775	0.683133	0.968435	-1.03259	0.714772	1.0291	1.0291	0.00196203	1.4078	1.4078	0.977082	1.00225	1.00225	0.982539	1.00171	1.00171	3.75154	0.362901	0.0859856	1
cg27158209	ZNF789;ZNF789	0.0965091	0.0161301	0.4	-2.50001	0.0427364	1.14169	1.14169	0.0610393	1.21813	1.21813	0.197234	1.1413	1.1413	0.0877511	0.797474	-1.25397	0.0102418	0.488051	-2.04897	0.0078134	0.648353	-1.54257	0.0188008	0.968435	-1.03259	0.0015403	0.488657	-2.04643	12.4625	9.487616	0.347792	1
cg03331175	ZNF789;ZNF789	0.006608	0.0545536	0.622785	-1.60569	0.996568	0.999067	-1.00093	0.0721724	0.646783	-1.54611	0.294109	0.789555	-1.26654	0.0017531	0.379727	-2.63347	0.375477	0.82078	-1.21835	0.000834152	0.353375	-2.97997	0.005078117	0.464734	0.464734	0.0172648	0.509316	-1.96342	0.73483	5.0289	0.663734	1
cg00686915	ZNF789;ZNF789	0.0159053	0.0795653	0.615544	-1.62466	0.0724756	0.680939	-1.46945	0.0903463	0.641663	-1.55917	0.0617747	0.833054	0.833054	0.0471294	0.572205	-1.74763	0.0782622	0.623854	-1.60294	0.0422966	0.548604	-1.82281	0.0828192	0.572205	-1.74763	0.0422966	0.548604	-1.82281	0.0828192	1.60322	0.624157	1.60322	0.624157	0.0422966	0.548604	-1.82281	0.0828192	1.63144	0.612723	1
cg27253814	ZNF789;ZNF789	0.0466157	0.00665652	0.334657	-2.98814	0.344128	0.738638	-1.35384	0.237692	0.680772	-1.46892	0.0277975	0.445565	-2.24434	?	?	?	?	?	?	0.038235	0.473962	-2.10987	0.706109	0.8889902	-1.12498	0.48553	1.24647	1.24647	3.59699	2.82113	1.36054	1
cg13632935	ZNF79	0.000213342	0.000554956	0.225296	-4.4386	0.0148032	2.30263	2.30263	0.0426597	1.91379	1.91379	0.53949	1.84045	1.84045	0.0457731	0.52891	-1.89064	8.26E-05	0.139116	-7.18824	0.4654	1.22953	1.22953	0.212934	1.44029	1.44029	0.000203186	0.176815	-5.65564	18.0521	22.1183	1.08911	1
cg18360149	ZNF79	0.00452203	0.2925021	1.4	-1.48353	0.0747511	1.19087	1.19087	0.0033326	2.46267	2.46267	0.0013717	1.31741	1.31741	0.392977	1.08644	1.08644	0.0865529	1.10661	1.10661	0.0014	1.88648	1.88648	0.0137	0.798643	0.924063	1.08161	0.0003606005	1.7237	1.7237	7.7455	0.7966	0.2429602	1
cg13886124	ZNF79	0.00509439	0.0371535	0.777805	-1.28567	0.13438	1.18252	1.18252	0.781994	1.02923	1.02923	0.0658548	0.807071	-1.23905	0.0963444	0.827274	-1.20879	0.0568388	0.799433	-1.25089	0.000697888	0.584459	-1.71098	0.170123	1.16386	1.16386	0.0154105	1.36173	1.36173	7.29679	1.24645	0.151841	1
cg13778318	ZNF79	0.0188875	0.0225024	0.584606	-1.71051	0.0906434	1.17573	1.17573	0.0626364	1.26206	1.26206	0.0408812	1.11011	1.11011	0.0656434	1.37044	1.37044	0.0358105	0.726552	1.37616	0.0206014	0.894326	-1.11834	0.0564025	0.647306	1.54457	0.0084868	-1.64347	0.63831	1.1114	1.1114	3.79665	0.3894	0.0995709	1
cg24293588	ZNF79	0.019196	0.0241138	0.659656	-1.51594	0.587767	1.08835	-1.08835	0.183072	1.24424	1.24424	0.0813644	0.743422	-1.34513	0.0085188	0.559515	-1.68025	0.937628	0.987967	-1.01218	0.0507381	0.563799	-1.77368	0.543499	0.900249	-1.09981	0.167666	1.25544	1.25544	4.77048	1.80786	0.336861	1
cg14654637	ZNF79	0.0209688	0.748135	0.884096	-1.1311	0.3543359	0.694652	-1.43957	0.0402876	0.404168	-2.47422	0.510035	1.29114	1.29114	0.078344	0.473422	-2.11228	?	?	?	0.008763	0.98797	-1.01218	0.0507381	1.04838	-6.73946	0.0473494	0.419971	-2.38112	0.783316	0.899957	-1.11116	4.71277	9.70067	2.05838	1
cg07887651	ZNF790	0.50408449	0.215147	1.21154	1.21154	0.0654	0.0654	-1.52854	0.0154784	0.687187	1.70144	0.3758105	0.20536	2.19014	0.0188104	0.894326	-1.11834	0.509776	1.20993	1.20993	0.0467602	0.848434	-1.15161	0.584413	1.1706	1.1706	0.00633845	0.775346	2.75346	8.18495	10.5286	0.1434	1
cg14195122	ZNF790	0.00789157	0.52871	0.953509	-1.04876	0.015044	-2.2497	-1.2497	0.00262776	1.36428	1.36428	0.571135	0.958205	-1.04362	0.0614548	0.854572	-1.17018	0.0879019	0.868932	-1.15084	0.350185	0.898426	0.939768	-1.06398	0.0140756	1.19163	0.0192657	0.809639	-1.23516	0.374344	0.561438	0.0783271	1
cg25772438	ZNF790	0.00985311	0.00464962	0.37501	-2.66753	0.0183844	1.14567	1.14567	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	1
cg23040358	ZNF790	0.0154742	0.947919	0.979853	-1.02056	0.647961	1.15399	1.15399	0.00873682	0.353162	-2.83156	0.824858	1.07149	1.07149	0.849639	1.06091	1.06091	0.0040399	0.300285	-3.33017	0.368401	1.33355	1.33355	0.868161	0.949556	-1.05312	0.00275198	0.276049	-3.62254	5.12758	8.88298	1.36655	1
cg00400937	ZNF790	0.0249694	0.645918	0.849481	-1.17753	0.0039834	0.753127	-1.32428	0.0438766	0.66557	-1.50257	0.0496312	1.50257	1.50257	0.0096326	1.66433	1.66433	0.0020169	0.451842	-2.21351	0.0240766	0.701964	-1.42453	0.0838957	0.882689	-1.13321	0.0258359	0.882689	-1.13321	0.0258359	2.15336	0.25475	1
cg00023174	ZNF788	0.0120801	0.00924855	0.231722	-4.31551	0.405485	0.680294	-1.47053	0.262622	0.938735	-1.06555	-2.52807	0.752489	0.869322	-1.15032	0.0313802	1.26297	1.26297	0.0192782	0.755	1.32443	1.32443	0.0092425	0.537732	0.829855	1.20541	0.0662399	0.829855	1.20541	0.0662399	1.65376	0.37548	2.75848	1
cg17291922	ZNF789	0.0180441	0.61264	1.04071	1.04071	0.00835354	1.30134	1.30134	0.515004	1.05295	1.05295	0.0892031	1.15775	1.15775	0.683133	0.968435	-1.03259	0.714772	1.0291	1.0291	0.00196203	1.4078	1.4078	0.977082	1.00225	1.00225	0.982539	1.00171	1.00171	3.75154	0.362901	0.0859856	1
cg27158209	ZNF789;ZNF789	0.0965091	0.0161301	0.4	-2.50001	0.0427364	1.14169	1.14169	0.0610393	1.21813	1.21813	0.197234	1.1413	1.1413	0.0877511	0.797474	-1.25397	0.0102418	0.488051	-2.04897	0.0078134	0.648353	-1.54257	0.0188008	0.968435	-1.03259	0.0015403	0.488657	-2.04643	12.4625	9.487616	0.347792	1
cg03331175	ZNF789;ZNF789	0.006608	0.0545536	0.622785	-1.60569	0.996568	0.999067	-1.00093	0.0721724	0.646783	-1.54611	0.294109	0.789555	-1.26654	0.0017531	0.379727	-2.63347	0.375477	0.82078	-1.21835	0.000834152	0.353375	-2.97997	0.005078117	0.464734	0.464734	0.0172648	0.509316	-1.96342	0.73483	5.0289	0.663734	1
cg00686915	ZNF789;ZNF789	0.0159053	0.0795653	0.615544	-1.62466	0.0724756	0.680939	-1.46945	0.0903463	0.641663	-1.55917	0.0617747	0.833054	0.833054	0.0471294	0.572205	-1.74763	0.0782622	0.623854	-1.60294	0.0422966	0.548604	-1.82281	0.0828192	0.572205	-1.74763	0.0422966	0.548604	-1.82281	0.0828192	1.60322	0.624157	1.60322	0.624157	0.0422966	0.548604	-1.82281	0.0828192	1.63144	0.612723	1
cg27253814	ZNF789;ZNF789	0.0466157	0.00665652	0.334657	-2.98814	0.344128	0.738638	-1.35384	0.237692	0.680772	-1.46892	0.0277975	0.445565	-2.24434	?	?	?	?	?	?	0.038235	0.473962	-2.10987	0.706109	0.8889902	-1.12498	0.48553	1.24647	1.24647	3.59699	2.82113	1.36054	1
cg13632935	ZNF79	0.000213342	0.000554956	0.225296	-4.4386	0.0148032	2.30263	2.30263	0.0426597	1.91379	1.91379	0.53949	1.84045	1.84045	0.0457731	0.52891	-1.89064	8.26E-05	0.139116	-7.18824	0.4654	1.22953	1.22953	0.212934	1.44029	1.44029	0.000203186	0.176815	-5.65564	18.0521	22.1183	1.08911	1
cg18360149	ZNF79	0.00452203	0.2925021	1.4	-1.48353	0.0747511	1.19087	1.19087	0.0033326	2.46267	2.46267	0.0013717	1.31741	1.31741	0.392977	1.08644	1.08644	0.0865529	1.10661	1.10661	0.0014	1.88648	1.88648	0.0137	0.798643	0.924063	1.08161	0.0003606005	1.7237	1.7237	7.7455	0.7966	0.2429602	1
cg13886124	ZNF79	0.0188875	0.0225024	0.584606	-1.71051	0.0906434	1.17573	1.17573	0.0626364	1.26206	1.26206	0.0408812	1.11011	1.11011	0.0656434	1.37044	1.37044	0.0358105	0.726552	1.37616	0.0206014	0.894326	-1.11834	0.0564025	0.647306	1.54457	0.0084868	-1.64347	0.63831	1.1114	1.1114	3.79665	0.3894	0.0995709	1
cg14195122	ZNF790	0.00789157	0.52871	0.953509	-1.04876	0.015044	-2.2497	-1.2497	0.00262776	1.36428	1.36428	0.571135	0.958205	-1.04362	0.0614548	0.854572	-1.17018	0.0879019	0.868932	-1.15084	0.350185	0.898426	0.939768	-1.06398	0.0140756	1.19163	0.0192657	0.809639	-1.23516	0.374344	0.561438	0.0783271	1
cg25772438	ZNF790	0.00985311	0.00464962	0.37501	-2.66753	0.0183844	1.14567	1.14567	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	0.0851	1
cg23040358	ZNF790	0.0154742	0.947919	0.979853	-1.02056	0.647961	1.15399	1.15399	0.00873682	0.353162	-2.83156	0.824858	1.07149	1.07149	0.849639	1.06091	1.06091	0.0040399	0.300285	-3.33017	0.368401	1.33355	1.33355	0.868161	0.949556	-1.05312	0.00275198	0.276049	-3.62254	5.12758	8.88298	1.36655	1
cg00400937	ZNF790	0.0249694	0.645918	0.849481	-1.17753	0.0039834	0.753127	-1.32428	0.0438766	0.66557	-1.50257	0.0496312	1.50257	1.50257	0.0096326	1.66433	1.66433	0.0020169	0.451842	-2.21351	0.0240766	0.701964	-1.42453	0.0838957	0.882689	-1.13321	0.0258359	0.882689	-1.13321	0.0258359	2.15336	0.25475	1
cg00023174	ZNF788	0.0120801	0.00924855	0.231722	-4.31551	0.405485	0.680294	-1.47053	0.262622	0.938735	-1.06555	-2.52807	0.752489	0.869322	-1.15032	0.0313802	1.26297	1.26297	0.0192782	0.755	1.32443	1.32443	0.0092425	0.537732	0.829855	1.20541	0.0662399	0.829855	1.20541	0.0662399	1.65376	0.37548	2.75848	1
cg17291922	ZNF789	0.0180441	0.61264	1.04071	1.04071	0.00835354	1.30134	1.30134	0.515004	1.05295	1.05295	0.0892031	1.15775	1.15775	0.683133	0.968435	-1.03259	0.714772	1.0291	1.0291	0.00196203	1.4078	1.4078	0.977082	1.00225	1.00225	0.982539	1.00171	1.00171	3.75154	0.362901	0.0859856	1
cg27158209	ZNF789;ZNF789	0.0965091	0.0161301	0.4	-2.50001	0.0427364	1.14169	1.14169	0.0610393	1.21813	1.21813	0.197234	1.1413	1.1413	0.0877511	0.797474	-1.25397	0.0102418	0.488051	-2.04897	0.0078134	0.648353	-1.54257	0.0188008	0.968435	-1.03259	0.0015403	0.488657	-2.04643	12.4625	9.487616	0.347792	1
cg03331175	ZNF789;ZNF789	0.006608	0.0545536

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1317 vs. N)	Fold-Change(1 vs.1317)	p-value(1347 vs. N)	Fold-Change(1 vs.1347)	p-value(1377 vs. N)	Fold-Change(1 vs.1377)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	T(Test)	S(Test)	S(Error)	
cg01204564	ZNF827	0.02120258	0.0588734	1.62837	0.69237	1.0462298	1.75737	1.75737	0.00245912	2.82548	2.82548	2.82548	0.0441769	1.76846	1.76846	0.11821	1.51937	1.51937	0.0831529	1.6103	1.6103	0.0031258	1.70866	1.70866	0.1133179	1.52557	1.52557	0.717734	1.09365	1.09365	4.61164	4.44131	0.856058	1
cg05267427	ZNF827	0.0225322	0.725236	0.8380007	-1.19331	0.8411152	1.10572	1.10572	0.168679	2.08454	2.08454	0.0850732	2.59496	2.59496	0.00449644	0.150047	-6.66456	0.367123	1.59042	1.59042	0.391165	1.55201	1.55201	0.0430986	3.20774	3.20774	0.0252128	0.263691	-3.79232	4.5167	17.9427	3.53113	1
cg07661849	ZNF827	0.0298979	0.558474	1.05975	1.05975	0.0803405	0.826751	-1.20955	0.0280552	0.775324	-1.28978	0.172575	0.867297	-1.15301	0.796523	1.02567	1.02567		0.00190829	0.649714	-1.53914	0.192879	1.14471	1.14471	0.240343	0.886419	-1.12813	0.2110303	0.878752	-1.13798	4.09178	0.6233151	0.135415	1
cg18370272	ZNF827	0.0337845	0.194028	0.792087	-1.26249	0.0115711	1.7084	1.7084	0.04606912	1.47359	1.47359	0.840526	0.965492	-1.03477	0.901428	0.979201	-1.02124		0.01793758	0.950919	-1.05153	0.00835794	0.564604	-1.77115	0.29351	0.8312241	-1.20302	0.795264	1.0451	1.0451	3.91681	1.784602	0.4050474	1
cg27313776	ZNF827	0.0152888	0.0569567	0.4870	-2.08017	0.293474	1.44743	1.44743	0.09164463	1.88044	1.88044	0.284956	1.45883	1.45883	0.0151915	0.362778	-2.75651		0.457297	1.29353	1.29353	0.862096	1.0609	1.0609	0.0121937	2.89212	2.89212	0.6184456	1.186116	1.186116	3.85564	7.05976	1.62758	1
cg23410336	ZNF828;ZNF828;ZNF828	0.0476481	0.0468114	0.477981	-2.09233	0.0337744	0.447536	-2.23446	0.304779	0.708445	-1.41155	0.694165	1.13675	1.13675	0.0188154	0.397302	-2.51654		0.636464	0.856913	-1.16608	0.490074	0.796609	-1.25532	0.0255388	2.36465	2.36465	0.272825	0.693726	-1.44149	3.45255	5.74878	1.48093	1
cg26758338	ZNF829	0.0083053	0.0332971	0.620135	-1.61255	0.0008068822	0.383084	-2.61039	0.503096	0.877636	-1.13942	0.132337	1.36607	1.36607	0.0148392	0.56234	-1.77828		0.573337	1.11549	1.11549	0.460838	0.8657111	-1.15512	0.00795459	0.520206	-1.92231	0.0466893	0.645679	-1.54876	6.26971	3.66311	0.519338	1
cg01845919	ZNF829	0.0169469	0.857734	1.06495	1.06495	0.104648	0.460222	-2.17286	0.1998764	0.537753	-1.86913	0.8835508	0.896459	-1.11525	0.1002139	0.454753	-2.199		0.49578	1.15339	1.15339	0.0003039	0.079194	-12.6272	0.0875836	0.786954	-1.27072	0.0678216	0.408597	-2.4474	4.97469	15.0836	2.69517	1
cg21117780	ZNF829	3.72E-06	0.09095533	0.90947	-1.09985	0.0001	7	-1.24878	0.271323	0.25058	-1.29058	0.0430786	0.325439	-1.07227	0.0053829	0.481684	-2.04422		1.85E-06	0.0722384	-1.3846	0.0001	7	-1.30815	0.0067	0.1.1428	0.46188	1.1806	1.1806	35.067	24.2564	0.6917117	1
cg21292152	ZNF829;ZNF568;ZNF821	0.00559393	0.1151303	0.844881	-1.1836	0.98027	0.99757	-1.00244	0.00116273	1.5988	1.5988	0.105528	1.19003	1.19003	0.121964	1.17931	1.17931		0.719276	0.965113	-1.03615	0.00168903	0.64309	-1.55499	0.607503	0.950304	-1.05229	0.1669551	1.156	1.156	7.09057	1.08703	0.136272	1
cg03549288	ZNF829;ZNF568;ZNF821	0.0142104	0.4949422	1.12839	1.12839	0.2185615	1.33533	1.33533	0.1922911	1.38109	1.38109	0.0591668	1.58578	1.58578	0.0139725	0.7887377	-1.26779		0.4459779	1.24825	1.24825	0.1183808	0.8034978	0.3370697	1.11823	0.4952257	0.9689535	-1.16166	0.2802299	1.27491	1.27491	3.27395	3.91188	0.6593122	1
cg12181730	ZNF828	0.00040435	0.0220804	0.313604	-3.18874	0.000175348	0.014332	0.01432	0.0159183	2.29667	2.29667	0.00651816	2.70886	2.70886	0.0055544	0.2581033	-2.79249		0.1683382	1.51249	1.51249	0.00460927	2.89443	2.89443	0.0117093	0.411557	-2.4298	0.0072016	1.00994	1.00994	15.913	19.0691	1.11861	1
cg26531986	ZNF828	0.0134453	0.14457	1.23755	1.23755	0.4470216	1.10657	1.10657	0.0853245	1.28217	1.28217	0.141264	1.22965	1.22965	0.0203882	0.6078242	-2.09813		0.6740132	0.962201	-1.03924	0.00022425	2.23063	2.23063	0.0199575	0.7229952	-1.38322	0.0230949	0.701187	-1.42615	12.1872	3.29563	0.24097	1
cg06569695	ZNF829	0.00160995	0.0351056	1.44989	1.44989	0.0036423	1.81346	1.81346	0.00875607	1.65752	1.65752	0.00207034	1.92768	1.92768	0.636982	1.07459	1.07459		0.0215568	1.51835	1.51835	0.000241236	2.50731	2.50731	0.000612306	2.22552	2.22552	0.00972977	1.64026	1.64026	10.268	3.72412	0.322392	1
cg00705894	ZNF821	0.0022348	0.862189	0.961728	-1.03979	0.0471164	1.66574	1.66574	0.00299541	0.400779	-2.49504	0.000298198	0.266592	-3.75104	0.0176036	0.522734	-1.91302		0.87757	0.965969	-1.03523	0.00676727	0.454677	-2.19936	0.856563	1.04147	1.04147	0.00304725	0.476462	-2.09836	0.853964	1.93043	1.93043	0.708499	0.622042	-1.60855	7.1941	5.31048	0.657495	1
cg01583963	ZNF828	0.0132144	0.515006	-1.94172	0.0732166	0.649235	-1.54027	0.00998853	0.494753	2.02121	0.00376061	2.32851	0.224755	1.78591					0.0506865	1.61795	1.61795	0.235837	0.764546	-1.30796	0.238943	1.30543	1.30543	0.7084999	0.622042	-1.60855	7.1941	5.31048	0.657495	1
cg08318732	ZNF823	0.031492	0.0263962	0.390541	-2.56055	0.741383	0.888455	-1.12555	0.248906	0.650252	-1.53787	0.0734573	0.490302	-2.03956	0.0203402	0.36834	-2.71488		0.168296	0.591965	-1.68929	0.00258244	0.225002	-4.44441	0.0154435	0.346038	-2.88986	0.2740115	0.665985	-1.50154	4.01679	8.11325	1.79541	1
cg06480053	ZNF830;CCT68	0.00763042	0.0145028	0.34477	-2.90048	0.18205	0.605265	-1.65217	0.751266	1.159	1.159	0.542654	0.804215	-1.24345	0.00178045	0.207488	-4.81956		0.00388767	0.252934	-3.95375	0.00316522	0.244306	-4.09155	0.00133715	0.337665	-2.96152	0.0634594	0.478126	-2.09153	4.79126	2.0955	0.477151	1
cg01544842	ZNF830;CCT68	0.0479302	0.8475003	1.03829	1.03829	0.273974	0.800779	-1.24878	0.271323	1.25058	1.25058	0.0134008	0.525439	-1.90277	0.0053829	0.481684	-2.04422		0.534209	1.13073	1.13073	0.2804078	0.806876	-1.23935	0.8090404	0.973572	-1.02715	0.7173121	0.939424	1.07363	5.93257	3.57895	0.536242	1
cg02631755	ZNF830;CCT68	0.0188082	0.0154492	0.666439	-1.50051	0.0863716	0.771907	-1.29549	0.5802644	0.746175	-1.34017	0.105989	0.785626	-1.27287	0.85901	1.0246	1.0246		0.000793595	0.500266	-1.99894	0.199826	0.830688	-1.20382	0.707553	1.05285	1.05285	0.7608826	1.0426	1.0426	4.79576	1.4184	0.2628898	1
cg26989374	ZNF830;CCT68	0.02720323	0.1121315	0.565833	-1.76791	0.0310474	0.350752	-2.85103	0.0197285	0.453262	-2.20611	0.2327	0.662343	-1.50907	0.2618306	0.46991	-2.1691		0.178799	0.624872	-1.6003	0.0003598	0.274861	-3.63822	0.042706	0.406086	-2.46306	-2.17341	0.101695	0.554422	-1.80364	4.23056	2.16202	1.52562	1
cg25824978	ZNF830;CCT68;ZNF830	1.39E-05	0.00126471	0.370051	-2.70233	6.62E-06	0.120139	-8.30637	0.000771825	0.341107	-2.93163	0.031446	0.586749	-1.70431	4.93E-06	0.110598	-9.04172		0.0035928	0.494706	-2.3004	2.09E-06	0.085002	-11.7644	0.0033117	0.429476	-2.32842	9.94E-05	0.232394	-4.30303	37.2674	26.3489	0.628459	1
cg15520606	ZNF830;CCT68;ZNF830	1.39E-05	0.04894487	0.461686	-2.16602	0.0003385	0.0015	0.00153	0.0001	0.00153	0.00153	0.0001	0.00153	0.00153	0.0001	0.00153	0.00153		0.0057066	0.008708	0.0001	0.00153	0.00153	0.0001	0.00153	0.00153	0.0001	0.00153	0.00153	0.0001	0.00153	0.00153	0.0001	1
cg18594562	ZNF831	4.25E-05	0.00170967	1.23203	1.23203	0.857227	0.991437	-1.00864	0.0507846	1.10926	1.10926	0.253123	1.05719	1.05719	0.00116106	0.800681	1.24894		0.00137996	0.805613	-1.24129	1.20E-05	0.649861	-1.53879	2.42E-05	0.675747	-1.47984	0.00478001	0.839859	-1.19068	27.7845	9.955437	0.0305666	1
cg00121551	ZNF831	0.000140722	0.236438	0.3698	-1.14969	0.449637	1.09049	1.09049	0.323741	0.891721	-1.12142	0.0659703	1.26106	1.26106	4.65E-06	0.307	-3.25732		0.662369	1.05064	1.05064	0.0033651	1.91556	1.91556	0.163798	1.18185	1.18185	0.57024	1.06664	1.06664	20.6074	20.4542	0.4526	1
cg04068564	ZNF831	0.000820756	0.25705	0.3709	-1.13503	0.0145148	0.657427	-1.52108	0.0479723	0.894753	-1.12021	0.0379761	1.16114	1.16114	0.0009134	0.861004	-1.16129		0.524203	1.12513	1.12513	0.0048487	1.62704	-1.02625	0.9813055	1.10111	1.10111	0.1212442	0.57484	-1.73944	0.0956071	1.01011	1.01011	0.0100548	0.560277	-1.78491	5.46072	2.13	0.4607212	1
cg01510911	ZNF831	0.00545259	0.0146593	2.04351	2.04351	0.247113	0.749895	-1.33352	0.000197584	0.225907	-4.4266	0.864389	0.960161	-1.04149	0.537755	1.15997	1.15997		0.793429	0.939493	-1.0644	0.0773797	1.59511	1.59511	0.794927	1.06391	1.06391	0.481624	1.18544	1.18544	7.15458	6.40949	0.796318	1
cg11081307	ZNF831	0.00700174	0.959051	0.973586	-1.02731	0.2208156	0.563388	-1.53754	0.4423353	0.758237	-1.31885	0.72656	0.872269	-1.14653	0.7182056	1.0246	1.0246		0.00734593	0.310606	-3.21955	0.0046803	0.251283	-3.97924	0.0021353	0.2003097	-4.98588	0.0016546	0.184944	5.41049	1.6193									1
cg03770410	ZNF831	0.00840385	0.00978188	0.565601	-2.73522	0.0341083	0.293527	-3.40684	0.0143525	0.594922	-2.53491	0.0591837	0.518814	-1.92747	0.0155109	0.44072	-2.49551		0.0255353	0.441581	-2.26459	0.010814	0.373041	-2.68067	0.0016973	0.251304	-3.97924	0.2000075	0.659663	-1.51593	6.24643	0.538686	1.33578	1
cg25325636	ZNF831	0.0117565	0.533315	1.18857	1.18857	0.00592063	2.67951	2.67951	0.215378	1.42908	1.42908	0.134817	1.55488	1.55488	0.0240121	0.478499	-2.08987		0.312953	0.751444	-1.33077	0.526059	1.19232	1.19232	0.00328323	2.9939	2.9939	0.13725	0.645167	-1.54999	5.61065	6.66117	1.05512	1
cg13707623	ZNF831	0.0159603	0.7222162	1.07986	1.07986	0.0834296	0.709252	-1.76256	0.1928951	0.835683	-1.19705	0.4532127	1.48244	1.48244	0.0019812	0.674591	-1.48206		0.1146116	1.67749	1.67749	0.0042909	2.1063	2.1063	0.0279036	0.712119	-1.40426	5.07518	7.31447	1.28109	2.84	2.16202	1.52562	1
cg09652526	ZNF831	0.037721	0.0197797	0.257513	-3.62646	0.712836	0.844329	-1.18437	0.653493	1.22515	1.22515	0.0919812	0.427795	-2.33757	0.0120971	0.238819	-4.18726		0.893613	1.06316	1.06316	0.116491	0.458069	-2.18308	0.00810344	0.211843	-4.72047	0.0471099	0.353451	-2.82925	3.76326	12.4883	2.94971	1
cg21266513	ZNF831	0.0163327	0.1439067	0.733927	-1.36301	0.5283714	0.884994	-1.13033	0.3107477	0.747435	-1.33794	0.2098218	0.390711	-2.55972	0.1379447	0.724015	-1.38122		0.1662122	0.594077	-1.68323	0.0134455	1.16122	1.16122	0.0607307	0.7683708	-1.30156	0.1768307	0.3016156	1.30156	3.84	2.25715	-1.9725	0.8881121	1.2441663	2.0261818	1
cg25394203	ZNF833	9.22E-05	0.424885	0.796041	-1.25622	0.00332505	3.06144	3.06144	4.51E-05	8.67485	8.67485	0.569537	1.17456	1.17456	0.000164251	6.04121	6.04121		0.000304517	5.168	5.168	1.22E-05	13.2594	13.2594	0.64228	1.1399	1.1399	0.185306	1.48169	1.48169	22.624	28.0738	1.10301	1
cg05950877	ZNF833	0.00585518	0.231809	0.513007	-1.94929	0.0218568	0.49446	0.49446	0.00339741	2.01938	2.01938	0.917466	1.06384	1.06384	0.00239613	0.50486	-1.98046		0.625088	1.29968	1.29968	5.00E-05	0.57385	0.57385	0.99206	0.994718	-1.00531	0.5935547	1.33205	1.33205	13.6375	61.36	3.98796	1
cg15209566	ZNF833	0.00133588	0.617728	0.7273	-1.37503	0.0307452	0.39734	0.39734	0.00018236	3.51276	3.51276	0.11721	0.859422	1.16321	0.00076542	1.30914	1.30914		0.153114	1.5238	1.5238	3.76E-05	0.734956	0.734956	0.79152	1.01016	1.01016	0.964884	0.983161	1.01713	0.83842	25.8797	2.34071	1
cg04598224	ZNF833	0.00159507	0.890005	1.03862	1.03862	0.00526641	2.7385	2.7385	0.00182463	3.36336	3.36336	0.318372	1.32628	1.32628	0.0356003	1.95378	1.95378		0.153114	1.5238	1.5238	3.76E-05	0.734956	0.734956	0.162144	1.50482	1.50482	0.8020706	1.07171	1.07171	10.2956	12.2248	1.05545	1
cg07426146	ZNF833	0.0123207	0.312997	0.7273	-1.37503	0.0307452	0.39734	0.39734	0.00018236	3.51276	3.51276	0.11721	0.859422	1.16321	0.00076542	1.30914	1.30914		0.0831972	1.2723	1.2723	0.0005059	1.83259	1.83259	0.176065	1.47117	1.47117	0.3232656	0.729	1.372	9.2	4.1	0.4466	2.54263	1
cg26772540	ZNF833	0.00243892	0.713145	0.841189	-1.22822	0.0694481	0.95005	0.99005	0.00365052	8.92513	8.92513	0.659922	1.27955	1.27955	0.00908854	6.33025	6.33025		0.0163233	1.12754	1.12754	5.94E-05	46.7582	46.7582	0.61785	1.32218	1.32218	0.2265157	1.90781	1.90781	0.907994	44.6572	4.36308	1
cg26590664	ZNF833	0.00323252	0.688054	0.813444	-1.22934	0.0123592	4.92045	4.92045	0.000863976	12.9154	12.9154	0.440241	1.49581	1.49581	0.00087603	12.8433	12.8433		0.00564668	6.41118	6.41118	0.00306898	7.95571	7.95571	0.844035	1.10602	1.10602	0.6008844	1.31001	1.31001	8.3702	34.6947	3.68447	1
cg00965023	ZNF833	0.00158088	0.35608	0.561882	-1.77995	0.0235	0.2288556	0.504388	-1.98254	0.2288556	0.70626	-1.41569	0.372609	2.68398	0.0001	0.372609	2.68398		0.0779193	0.840507	-1.18153	0.0013743	0.201877	-4.95307	0.0001	0.201877	-4.95307	0.0001	0.201877	-4.95307	0.0001	0.201877	-4.95307	0.0001	1
cg02274869	ZNF833	0.0061159	0.168429	0.435368	-2.29691	0.0109565	0.10404	0.10404	0.0030249	10.0012	10.0012	0.347324	1.73028	1.73028	0.0177842	0.54288	-1.84288		0.249151	1.97876	1.97876	0.009034064	0.464239	0.464239	0.474688	0.459641	1.53201	1.53201	0.891316	0.95083	1.05083	0.353284	0.913	0.541947	1
cg21771200	ZNF833	0.00276196	0.692364	0.818753	-1.22161	0.0134413	0.0509788	0.3565	0.0001	0.3565	0.3565	0.661681	1.51079	1.51079	0.00147324	0.661929	-1.51079		0.7054499	1.10042	1.10042	0.2266	0.908587	-1.10042	0.2266	0.908587	-1.10042	0.2266	0.908587	-1.10042	0.2266	0.908587	-1.10042	0.2266	1
cg22351510	ZNF833	0.00753111	0.00135231	0.148053	-6.75434	0.00492812	4.61189	4.61189	0.0381453	2.68135	2.68135	0.35789	0.666656	-1.50002	0.482758	1.34014	1.34014		0.3409854	1.49591	1.49591	0.344958	0.670834	-1.49068	0.111186	0.490569	-2.03845	0.219192	0.588409	-1.6995	6.46562	17.2495	2.37144	1
cg00775711	ZNF833	0.0169093	0.219324	0.645881	-1.26973	0.0884585	0.329469	0.329469	0.0033977	3.03576	3.03576	0.182826	1.33885	1.33885	0.0021308	0.747023	-1.33885		0.7913353	0.846507	1.18153	0.0013743	0.201877	-4.95307	0.0001	0.201877	-4.95307	0.0001	0.201877	-4.95307	0.0001	0.201877	-4.95307	0.0001	1
cg24159514	ZNF833	0.0352897	0.2501728	0.622953	-1.60547	0.0241083	0.293527	-3.40684	0.0143525	0.594922	-2.53491	0.0591837	0.518814	-1.92747	0.0155109	0.44072	-2.49551		0.0255353	0.441581	-2.26459	0.010814	0.373041	-2.68067	0.0016973	0.251304	-3.97924	0.2000075	0.659663	-1.51593	6.24643	0.538686	1.33578	1
cg10123421	ZNF833	0.0377731	0.313781	0.53484	-1.86972	0.0375124	4.26216	4.26216	0.0296612	4.65372	4.65372	0.796741	1.16771	1.16771	0.0409784	4.12381	4.12381		0.3125953	0.751444	-1.33077	0.526059	1.19232	1.19232	0.00328323	2.9939	2.9939	0.13725	0.645167	-1.54999	5.61065	6.66117	1.05512	1
cg04736086	ZNF833	0.0377731	7	7	7	0.0375124	4.26216	4.26216	0.0296612	4.65372	4.65372	0.796741	1.16771	1.16771	0.0409784	4.12381	4.12381		0.1146116	1.67749	1.67749	0.0042909	2.1063	2.1063	0.0279036	0.712119	-1.40426	5.07518	7.31447	1.28109	2.84	2.16202	1.52562	1
cg04633333	ZNF835	0.008827	0.233615	0.842354	-1.18715	0.144748	0.806396	-1.24009	0.0195312	1.47364	1.47364	0.0450118	0.709048	-1.37165	0.4400331	0.897464	1.11425		0.384542	1.3303	1.3303	0.0010945	0.516011	-1.93794	0.0117827	0.649125	-1.54053	0.637362	1.0674	1.0674	6.15011	1.83831	0.265695	1
cg08431567	ZNF835	0.01802144	0.275307	0.807434	-1.23856	0.0879294	0.744696	-1.34282	0.0225024	1.52729	1.52729	0.114411	1.30834	1.30834	0.0010238	0.754386	-1.32558		0.214143	0.834559	-1.19806	0.0555731	1.76789	1.76789	0.508017	0.900364	-1.11066	4.87318	1.80908	0.344896	1
cg00465079	ZNF835	0.00787166	0.1606941	0.687162	-1.45526	0.1461	0.693626	-1.44166	0.0420838	2.190799	2.190799	0.151827	0.9541623	1.04794	0.0437796	1.1838	1.1838		0.152364	0.781292	-1.28001	0.1499772	1.56167	1.56167	-1.44224	0.3883	0.7536873	-1.32684	0.2368875	0.767824	-1.30238	4.15061	2.98754	0.639807	1
cg06230408	ZNF835	0.0105658	0.345194	1.29949	1.29949	0.0228975	2.08232	2.08232	0.597602	1.15435	1.15435	0.0988546	1.62843	1.62843	0.0069385	0.38759	-2.58005		0.242448	1.39046	1.39046	0.291683	1.34288	1.34288	0.0573482	1.78481	1.78481	0.0824077	1.67938	1.67938	0.105977	4.66854	1.02218	1
cg04276027	ZNF835	0.0185814	0.95685	1.03797	1.03797	0.0795652	1.61298	1.61298	0.1284298	1.52335	1.52335	0.0960167	1.04146	1.04146	0.0957651	1.09298	1.09298		0.607706	1.080652	-1.24442	0.31727	0.836072	-1.19607	0.1453186	0.977282	-1.02327	0.9505	1.6934	1.6934	10.2917	2.91291	1.50802	1
cg08203569	ZNF836	0.00965684	0.0707143	0.624891	-1.60028	0.145624	1.43872	1.43872	0.636487	1.11721	1.11721	0.00236658	0.37266	-2.68341	0.239676	0.750778	1.33195		0.00144572	0.342394	-2.92061	0.16858	0.710666	-1.40713	0.165746	0.708829	-1.41078	0.249996	1.32298	1.32298	5.97691	5.13088	0.763067	1
cg15734625	ZNF836	0.0103366	0.00549464	0.454836	-2.1986	0.206641	0.79172	-1.31303	0.887087	1.03114	1.03114	0.0134712	0.516744	-1.9352	0.0037343	0.429511	-2.32823		0.107048	0.68408	-1.46182	0.0674453	0.642614	-1.55614	0.0017482	0.381795	-2.6192	0.040669	0.786308	-1.01388	5.84296	4.31013	0.6557	1
cg17471225	ZNF836	0.010856	7	7	7	0.274845	2.69476	2.69476	0.09214351	5.21747	5.21747	0.0318662	3.00628	-9.93756	7	7	7		0.106758	2.209215	2.209215	0.0209236	0.90973	0.90973	0.0609278	27.6639	7.99728	69.4073	7.43902	1
cg08672999	ZNF836	0.01634313	0.0259541	0.241202	-4.14591	0.0129021	0.19	-5.26316	0.0247196	0.237269	-4.21463	0.302628	0.563001	-1.7762	0.0111387	0.180529	-5.53926		0.0649179	0.327899	-3.04972	0.0018304	0.0923675	-10.8263	0.0220498	0.228273	-4.38073	0.11784	0.4010353	-2.49344	5.03548	23.0826	4.07465	1
cg00137016	ZNF836	0.00453239	0.0231324	0.2	-5	0.0042543	-4.22543	-4.22543	0.0054004	0.185404	-5.39378	0.0122482	-1.38244	-0.188935	0.0017041	0.140809	-7.10165		0.0484017	0.306395	-3.26403	0.0019	0.184371	-5.42245	0.0014	0.182	-5.49451	0.0013	0.1785	-5.60084	0.0012	0.1736	-5.76037	0.0011	1
cg07977330	ZNF836	0.026064	0.324932	1.20869	1.20869	0.00422453	0.485074	-2.04259	0.326952	0.828035	-1.20768	0.101476	0.715807	-1.39702	0.129461	0.736784	1.35725		0.239841	1.52796	1.52796	0.020481	1.68315	1.68315	0.954369	1.01073	1.01073	0.194641	0.774189	-1.29167	4.29438	2.36471	0.489468	1
cg10426164	ZNF836	?	?	?	?	0.141816	?	?	?	?	?	?	?	?	?	?	?		?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg24476584	ZNF837;ZNF837	3.84E-07	2.73E-07	0.107791	-9.2772	1.43E-05	0.266009	-3.75927	0.000425535	0.44136	-2.26572	6.45E-05	0.340876	-2.93362	7.64E-08	0.0726311	-13.7682		3.82E-07	0.118436	-8.44335	1.10E-06	0.1558	-6.41849	0.148216	1.25526	1.25526	0.0111556	0.627346	-1.59402	93.5373	31.8281	0.302464	1
cg02875240	ZNF837;ZNF837	1.71E-05	1.74E-05	0.114276	-8.75077	9.89E-06	0.0957033	-10.449	0.00157344	0.325661	-3.07068	0.00987068	0.466752	-2.23838	5.35E-06	0.0792726	-12.775		0.0001838375	0.106316	0.106316	-5.09232	1.39E-05	0.0160128	-9.40485	0.004744

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105 vs. N)	Fold-Change(105 vs. 1047)	p-value(111 vs. N)	Fold-Change(111 vs. 1047)	p-value(1127 vs. N)	Fold-Change(1127 vs. 111)	p-value(1217 vs. N)	Fold-Change(1217 vs. 1127)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg16165903	ZNF862;ZNF862;OSBPL10	0.0330858	0.216765	1.87384	1.87384	1.00117984	0.96542	0.96542	0.140873	2.14963	2.14963	0.0004129	2.46336	2.46336	0.532198	1.35759	1.35759	0.334689	1.63726	1.63726	0.308014	1.66333	1.66333	0.00739513	5.29871	0.126436	2.22302	4.05412	14.9905	3.28676	1
cg19815327	ZNF862;ZNF862;OSBPL10	0.0497891	0.142316	4.01622	4.01622	0.00524645	25.6736	25.6736	0.294088	2.60981	2.60981	0.607905	6.07903	6.07903	0.104024	3.39501	3.39501	0.225551	3.07066	3.07066	0.807563	1.23999	1.23999	0.00600397	23.6877	23.6877	0.0886898	5.23475	5.23475	3.39358	41.7617	10.9387	1
cg14095744	ZNF862	0.00032587	1.78E-05	0.390109	-2.56339	0.0159055	1.37273	1.37273	0.00543477	0.675399	-1.48061	0.253944	1.13635	1.13635	0.10857	0.828785	-1.20659	0.0914659	0.819222	-1.22067	0.111527	1.20438	1.20438	0.4972	1.07675	1.07675	0.00109002	0.59627	-1.67709	0.16815	2.93183	0.162054	1
cg01055279	ZNF862	0.000873564	0.3754	1.21242	1.21242	0.0228071	0.563851	-1.78074	4.95E-05	0.199186	-5.02045	0.0367968	0.07124	1.67124	0.00681511	0.470426	-2.10058	0.646579	0.90742	-1.10228	0.195816	1.33595	1.33595	0.497434	1.15703	1.15703	0.00391671	0.439503	2.2753	12.2252	8.68009	0.631126	1
cg05897255	ZNF862	0.00857196	0.0246783	1.2776	1.2776	0.728358	0.13245	1.03245	0.597056	0.952315	-1.05207	0.257125	0.901239	-1.10958	0.0720448	0.832026	-1.20189	0.0565004	1.21865	1.21865	0.00516618	0.608873	-1.64328	0.597432	1.05002	1.05002	0.503038	1.06422	0.60245	0.824593	0.118079	1
cg04953958	ZNF862	0.00977913	0.032914	2.97746	2.97746	0.00102096	8.41252	8.41252	0.0254322	1.93487	1.93487	0.0287394	1.08073	1.08073	0.575582	1.28038	1.28038	0.03057	1.03806	1.03806	0.00431015	5.30681	5.30681	0.0189744	1.46337	1.46337	0.0261149	3.17176	5.95296	18.0033	2.69326	1
cg24395016	ZNF862	0.0120506	0.127888	1.62952	1.62952	0.00451599	3.12628	3.12628	0.0331237	2.09377	2.09377	0.0812348	1.7663	1.7663	0.0654065	0.541441	-1.84692	0.00901212	2.67775	2.67775	0.089118	1.744	1.744	0.00718048	2.79984	2.79984	0.199673	1.49473	1.49473	5.5659	7.75761	1.23891	1
cg24485490	ZNF862	0.0121425	0.763243	0.685488	-1.5323	0.1883346	0.60094	-1.66406	0.0128305	0.326739	-3.06034	0.0312862	2.51734	2.51734	0.00930771	0.399858	-2.50122	0.0804956	1.55195	1.55195	0.00936648	0.399923	-3.33417	0.295991	1.48581	1.48581	0.982884	0.992192	-1.00787	5.55218	11.7403	1.87959	1
cg20394703	ZNF862	0.0472341	0.994787	1.00155	1.00155	0.0572531	1.66774	1.66774	0.84639	1.0472	1.0472	0.990389	1.02787	1.02787	0.0244108	1.52507	1.52507	0.00294058	0.378641	-2.64103	0.506228	1.17395	1.17395	0.75722	0.928919	-1.07652	0.268741	0.760406	-1.31509	0.46193	3.10021	0.796215	1
cg18005867	ZNF876P	0.000108647	0.526974	1.16453	1.16453	0.0441668	0.577294	-1.73222	2.31E-05	7.47762	7.47762	0.0141605	2.05301	2.05301	0.100551	1.53335	1.53335	0.398803	0.814429	-1.22785	1.01E-05	9.49545	9.49545	0.0762814	0.625846	-1.59784	0.157248	1.4325	1.4325	21.6544	19.365	0.794008	1
cg14186187	ZNF876P	0.000149766	0.224939	1.57855	1.57855	0.0284554	0.72502	-1.37945	0.0138216	0.459607	2.7406	0.0449607	0.16654	2.43599	0.0135127	1.19922	1.19922	0.0880554	1.80966	1.80966	1.90E-06	50.7535	50.7535	0.455341	0.779647	-1.28259	0.149744	1.67093	19.8653	34.7681	1.55573	1
cg17201760	ZNF867	0.00031313	3.76E-05	7.91956	7.91956	0.420617	0.806476	-1.23996	0.0219488	2.05142	2.05142	0.0196284	1.31131	1.31131	0.812057	1.06425	1.06425	0.821714	1.06078	1.06078	1.84E-05	8.90298	8.90298	0.594555	1.15077	1.15077	0.158747	1.48257	1.48257	16.2577	17.5952	0.962017	1
cg20604563	ZNF867	0.000158172	0.17329	1.72829	1.72829	0.388671	0.57777	-1.42523	0.00317272	5.9161	5.9161	0.176979	1.56041	1.56041	0.0111446	1.11136	1.11136	0.062209	2.52428	2.52428	1.67E-05	49.5625	49.5625	0.870527	1.0746	1.0746	0.418889	1.49353	1.49353	15.1562	46.6371	2.73981	1
cg17030981	ZNF867	0.000483171	0.000185394	0.337424	-2.96353	0.000150731	0.326436	-3.06357	0.0001	0.743145	-1.34563	0.0161906	0.602802	-1.65892	4.55E-05	0.503361	-1.76845	0.00295063	0.643343	-1.55438	0.553431	0.901981	-1.10867	0.135376	0.758082	-1.31912	0.00588573	0.537856	-1.85924	14.8696	6.97363	0.416876	1
cg11836119	ZNF867	0.01919126	0.0340714	6.61891	6.61891	0.169242	0.46834	-2.13509	0.0569312	5.18715	5.18715	0.0830478	2.30763	-1.43344	0.589887	1.51555	1.51555	0.394184	0.513322	1.9481	0.0011007	33.5116	33.5116	0.975866	1.02338	1.02338	0.877305	1.12552	1.12552	0.170726	44.1134	8.21922	1
cg20296343	ZNF876P	0.3139914	0.215395	1.11155	1.11155	0.723923	0.772606	-1.29417	0.03036	0.632605	0.632605	0.2509543	0.710655	0.710655	0.0499253	0.818575	0.818575	0.961734	0.977108	0.977108	0.808861	1.23631	1.23631	0.0529989	0.818135	-1.22229	0.9272184	0.919855	-1.08713	0.00261221	0.683494	-1.46308	4.706841	0.602721	0.117314	1
cg04178523	ZNF878	0.0251331	0.749274	1.11091	1.11091	0.109108	0.563775	-1.77376	0.054781	2.04321	2.04321	0.10311	0.557195	-1.7947	0.263189	0.682079	-1.46611	0.543319	1.2236	1.2236	0.00696374	3.14272	3.14272	0.048514	2.0944	2.0944	0.0972054	0.550434	-1.81675	4.34919	7.41095	1.51465	1
cg23088110	ZNF878	0.0498527	0.843384	1.068861	-1.69231	0.0794151	0.710958	-1.39444	0.40305	1.14719	1.14719	0.7639	0.953002	-1.04925	0.0729967	1.37595	1.37595	0.333113	1.17273	1.17273	0.0013496	2.14961	2.14961	0.0847009	1.78151	-1.02934	0.41545	1.66015	0.35873	-1.02934	0.41545	1.66015	0.35873	1
cg05015306	ZNF878	0.04105021	0.751465	1.10928	1.10928	0.00633583	2.65701	-2.65701	0.55422	0.804732	-1.06079	0.0184819	0.423729	-1.76079	0.899296	1.05942	1.05942	0.0029591	0.465935	-2.14622	0.317816	0.75285	-1.32829	0.176301	1.48475	1.48475	0.151925	0.655724	-1.52503	0.64809	4.36736	1.06415	1
cg25396971	ZNF879	9.75E-05	0.14702	3.051	3.051	0.00543513	2.98585	-2.98585	0.20574	2.85574	2.85574	0.0173289	2.0103	2.0103	0.0016557	0.992093	-1.00797	0.0046358	1.57262	1.57262	0.0004888	2.01521	2.01521	0.0793461	1.58077	1.58077	0.0767495	1.14616	1.14616	15.6544	13.7347	0.876528	1
cg23951258	ZNF879	0.000936915	0.27264	1.815223	-1.22666	0.000425439	0.368456	-2.71403	0.841116	0.964724	-1.03657	0.20304	1.2718	1.2718	0.0596994	0.683721	-1.46258	0.000524025	0.380145	-2.63058	0.000735308	2.50372	2.50372	0.173407	0.771688	-1.29586	0.587954	0.906759	-1.10283	11.9857	6.07721	0.4507	1
cg09133053	ZNF880	0.000413392	0.0755879	1.7785	1.7785	0.0471324	1.93728	-1.93728	0.811271	1.07212	1.07212	0.0126148	0.679415	-1.47402	0.574909	0.847939	-1.17933	0.767469	1.09015	1.09015	5.41E-06	0.0499977	-20.0009	0.198043	0.673	-1.48588	0.786148	0.923889	-1.08238	15.0627	20.2145	1.1929	1
cg20627531	ZNF880	0.00179659	0.759655	1.1396	1.1396	0.0214449	0.682633	-1.57297	0.00306917	2.12468	2.12468	0.0006573	1.98476	1.98476	0.0077306	1.44275	1.44275	0.915126	0.939907	1.06417	0.0015459	0.657354	0.832968	-1.20064	0.0141424	0.929065	-1.07635	0.563876	0.958701	-1.04308	0.647225	0.0735813	0.0273513	0.0287359	1
cg19920161	ZNF880	0.0048765	0.529357	1.09899	1.09899	0.00620643	0.576503	-1.7346	0.00173842	0.49653	-2.01398	0.0858934	1.32979	1.32979	0.413539	0.883375	-1.13202	0.652431	1.0694	1.0694	0.0171126	1.55815	1.55815	0.00722849	0.586208	-1.70588	0.0437358	0.704441	-1.41957	8.58539	2.90959	0.263589	1
cg04700648	ZNF880	0.00803898	0.057208	0.596053	-1.67603	0.0157353	0.630565	-1.78339	0.0670157	1.76328	1.76328	0.0178226	1.74311	1.74311	0.0178972	1.74924	1.74924	0.4875	0.775101	1.08421	1.04021	1.04021	0.0900151	1.56562	1.56562	0.0048859	2.46738	0.883843	1.03597	1.03597	0.63744	5.70841	0.831139	1
cg26232060	ZNF880	0.01096515	0.808456	1.08734	1.08734	0.461713	1.29476	1.29476	0.412657	1.33478	1.33478	0.0477222	1.32573	1.32573	0.0067505	1.19423	1.19423	0.0003394	1.3609	1.3609	7.34807	0.622284	0.842666	-1.18671	0.931104	1.03026	1.03026	0.602157	1.19917	1.19917	0.147705	1.86213	1.67333	1
cg13393110	ZNF880	0.02413193	0.198982	0.82535	-1.21161	0.780457	1.04031	1.04031	0.197834	1.21227	1.21227	0.885887	0.979897	-1.02052	0.0262662	0.688818	-1.45176	0.701634	1.05595	1.05595	0.00086797	0.49325	-2.02737	0.644085	1.06801	1.06801	0.504025	0.908562	-1.10064	4.41055	1.3971	0.281568	1
cg03596038	ZNF880	0.0109783	0.680704	1.1436	1.1436	0.0145686	0.594397	-1.68234	0.0620907	1.60247	1.60247	0.102807	1.42442	1.42442	0.0149719	1.74179	1.74179	0.7639	0.95002	-1.05263	0.491148	1.14931	1.14931	0.0760267	1.14931	-1.17557	0.0401961	0.992065	-1.00794	0.976447	0.98507	0.0207	0.0207	0.0207	0.0207	1
cg14229437	ZNF880	0.0412512	0.770348	1.06589	1.06589	0.173512	0.729286	-1.3712	0.919633	0.978239	-1.02224	0.76111	1.06873	1.06873	0.369683	1.22243	1.22243	0.978107	1.006	1.006	0.000906963	0.338962	-2.95019	0.158279	0.71978	-1.38931	0.998744	0.999657	-1.00034	3.6145	2.74088	0.669046	1
cg09005601	ZNF880;ZNF880	0.0198448	0.11135	1.7491	1.7491	0.0354314	1.34657	-1.34657	0.0213766	1.64832	1.64832	0.0455039	1.87156	1.87156	0.147424	1.35182	1.35182	1.0282	1.0282	1.0282	0.188051	1.0282	1.0282	0.188051	1.0282	-1.29238	0.651886	1.1211	1.1211	1.1211	1.1211	1.1211	1.1211	1.1211	0.458781	0.458781	0.458781	1
cg26265468	ZNF90	0.00158907	0.000214419	0.235824	-4.24045	0.00532365	3.35915	-3.35915	0.00723876	2.24788	2.24788	0.85978	0.96983	-1.03111	0.0821394	0.637503	1.56862	0.007340777	0.445833	-2.24299	0.771563	1.07042	1.07042	0.554823	0.806982	-1.14985	0.884281	0.966531	-1.03463	10.3068	8.919	0.769202	1
cg20972142	ZNF90	0.0223009	0.0430252	6.359547	-1.56361	0.366464	1.19497	1.19497	0.754355	0.94152	-1.06211	0.826283	1.0431	1.0431	0.2783393	0.805429	-1.24157	0.38227	0.84196	-1.18771	0.000760057	0.375446	-2.6635	0.58134	0.898595	-1.11285	0.124014	1.37683	1.37683	0.53275	2.64585	0.51886	1
cg00706362	ZNF91	0.00117608	0.366282	1.2744	1.2744	0.0354314	0.78458	-1.2744	0.0126	0.784258	-1.2755	0.0026505	0.133597	1.13597	0.0071687	0.707325	-1.41338	0.000709221	0.629499	-1.58841	0.0003596	0.407158	0.515638	0.952194	-1.05021	0.679186	0.968358	-1.03275	0.0845127	1					1
cg02747612	ZNF91	0.00287775	0.602929	1.08218	1.08218	0.0408296	0.700979	-1.42658	0.818444	1.03521	1.03521	0.000218426	2.52827	2.52827	0.170296	0.802704	-1.24579	0.01497202	1.56858	1.56858	0.266357	0.840064	-1.19039	0.290549	1.17947	1.17947	0.0150659	0.637909	-1.56762	8.66441	3.10755	0.318805	1
cg26007075	ZNF91	0.00452149	0.067517	0.752872	-1.32822	0.0335067	0.215564	2.01564	0.0244375	0.591295	-1.69122	0.0001255	0.298423	-3.35088	0.0011886	0.421307	-2.37299	0.0339024	0.734545	1.36161	0.0402824	0.555156	1.80126	0.0248835	0.718095	1.39263	0.0183083	0.633669	1.57881	0.0266533	0.733407	-1.36164	7.04381	1.78894	0.222782	1
cg10611159	ZNF91	0.01153154	0.0883223	4.46405	-2.15494	0.610189	0.810651	-1.23358	0.90732	1.0487	1.0487	0.517366	1.30733	1.30733	0.0091338	0.746803	-1.33961	0.64107	2.1113	2.1113	0.00255548	0.0855261	-11.6923	0.739861	0.872802	-1.14574	0.638839	1.82485	1.82485	0.121458	13.5833	2.34668	1
cg21029904	ZNF91	0.01995003	0.0895613	0.762331	-1.31177	0.1103333	0.777017	-1.28697	0.36503	1.14447	1.14447	0.00074952	0.476419	-2.09899	0.135651	0.792023	-1.26259	0.0871759	0.76046	-1.31499	0.045949	0.722624	-1.38385	0.209021	0.825312	-1.21166	0.491856	1.10652	1.10652	4.70854	1.56757	0.295929	1
cg17853707	ZNF91;ZNF91	0.00313517	0.0482546	5.1722	-1.93327	0.0511344	0.915535	-1.09251	0.0226184	0.649838	-1.53918	0.0001798	0.231038	-4.32988	0.0001123	0.389707	-2.56611	0.011003	0.796127	1.25613	0.0001798	0.231038	-4.32988	0.0001123	0.389707	-2.56611	0.011003	0.796127	1.25613	0.0001798	0.231038	-4.32988	0.0001123	0.389707	-2.56611	0.011003	0.796127	1.25613	1
cg05575601	ZNF92;ZNF92	0.00171805	0.000364208	0.667608	-1.49788	0.515193	0.954399	-1.04778	0.244238	0.917442	-1.08994	0.0001854	0.638931	-1.56511	0.0457924	0.850488	1.1758	0.001784	0.730782	-1.36955	0.0447612	0.849633	-1.17697	0.349152	0.918334	-1.08893	0.00567102	0.773616	1.29263	10.0769	0.798406	0.0704276	1
cg01700349	ZNF92;ZNF92	0.00863043	0.559235	1.0156	1.0156	0.0224477	0.844577	-1.18446	0.0604904	0.734534	-1.36176	0.0001777306	0.244275	-4.09355	0.0003154	0.488422	-2.04729	0.018634	0.772306	1.29509	0.0001777306	0.244275	-4.09355	0.0003154	0.488422	-2.04729	0.018634	0.772306	1.29509	0.0001777306	0.244275	-4.09355	0.0003154	0.488422	-2.04729	0.018634	0.772306	1.29509	1
cg08326497	ZNF92;ZNF92	0.0136449	0.00157951	0.300855	-3.32386	0.00660417	0.54358	0.54358	0.791253	1.07275	1.07275	0.874556	1.04271	1.04271	0.227912	0.715298	1.39802	0.0039024	0.734545	1.36161	0.0402824	0.555156	1.80126	0.0248835	0.718095	1.39263	0.0183083	0.633669	1.57881	0.0266533	0.733407	-1.36164	7.04381	1.78894	0.222782	1
cg16553574	ZNF92;ZNF92	0.0174524	0.140824	0.802591	-1.24572	0.511344	0.915535	-1.09251	0.226184	0.649838	1.53918	0.0001798	0.231038	-4.32988	0.0001123	0.389707	-2.56611	0.011003	0.796127	1.25613	0.0001798	0.231038	-4.32988	0.0001123	0.389707	-2.56611	0.011003	0.796127	1.25613	0.0001798	0.231038	-4.32988	0.0001123	0.389707	-2.56611	0.011003	0.796127	1.25613	1
cg25042112	ZNF92;ZNF92	0.0275872	0.0802157	1.31151	1.0069	0.0659192	0.861342	1.08308	0.537604	0.835406	0.838371	-1.19279	0.0965238	0.402668	0.43643	1.24014	1.24014	0.0440244	1.80404	1.80404	0.119265	1.29466	1.29466	0.0294666	1.34804	1.34804	0.209073	1.24358	1.24358	1.08588	1.34804	1.34804	0.209073	1.24358	1.24358	1.08588	1.34804	1.34804	1
cg27573471	ZNF92;ZNF92	0.0448543	0.898666	1.04331	1.04331	0.733601	0.892535	-1.1204	0.0079253	0.322	-3.10559	0.504604	0.798244	-1.25275	0.372349	0.737268	1.35636	0.0351136	0.44179	-2.26352	0.0385735	2.21991	2.21991	0.0909872	0.538151	-1.85822	0.114146	1.56431	-1.7717	3.52981	6.19178	1.55924	1
cg20155442	ZNF92;ZNF92;ZNF92;ZNF92	0.0219902	0.213906	1.4677	1.4677	0.0504728	0.859824	-1.16303	0.0917338	0.856556	-1.06095	0.236091	0.742623	-1.34653	0.0573175	0.806354	1.2352	0.2152	1.2152	1.2152	0.0013338	0.822952	-1.21577	0.0735479	1.56091	1.56091	0.127529	1.44433	1.44433	1.44433	1.44433	1.44433	1.44433	1.44433	0.700771	1					1
cg25389947	ZNF92;ZNF92;ZNF92;ZNF92	0.0386593	0.435271	0.882424	-1.13324	0.100469	0.13097	-1.33097	0.076261	1.36811	1.36811	0.558076	1.09741	1.09741	0.955688	1.00874	1.00874	0.221014	1.22519	1.22519	0.0024554	0.590799	-1.69262	0.0272181	0.65646	-1.52332	0.200107	1.23841	1.23841	4.0771	1.55127	0.295932	1
cg00853428	ZNF93	0.00154289	0.103614	0.597998	-1.67201	0.00053395	5.25959	5.25959	0.98295	0.994244	-1.00579	0.00483473	0.163724	3.16172	0.1134269	0.731404	1.36733	0.0748089	0.905525	1.10431	0.011767	0.59258	-1.68753	0.0261	0.54372	0.545376	0.0652076	1.89182	1.89182	19.7056	29.0047	1.47356	1
cg18183398	ZNF93	0.00352367	0.036858537	1.63399	1.63399	0.0301585	0.9446	-1.07865	0.0828206	0.655527	-1.52549	0.699949	0.792713	-1.26162	0.0134304	0.707177	1.41408	0.016367	1.64548	1.64548	1.04081402	0.533586	-1.88123	0.938978	1.00962	1.00962	0.412896	1.10337	1.10337	15.5733	20.2162	1.2202	1
cg00806126	ZNF98	0.000511625	0.060175	0.501515	-1.99396	0.0439985	0.497316	-2.01079	0.0188419	0.42372	-2.36005	0.901165	0.963196	-1.03821	2.93E-05	0.0843505	-11.8553	0.021107	0.432998	2.30948	0.0149424	0.722852	1.38391	0.0108422	0.62647	2.62647	0.272234	0.708728	-1.41187	14.1997	20.4853	1.28237	1
cg19797376	ZNF98	0.00324409	0.023548	0.588356	-1.69956	0.0256595	0.173734	-5.75492	0.0198726	0.139887	7.14837	0.0001	0.129782	-7.70398	0.0001	0.198146	-5.04662	0.015974	0.445666	2.24385	0.0001	0.129782	-7.70398	0.0001	0.198146	-5.04662	0.015974	0.445666	2.24385	0.0001	0.129782	-7.70398	0.0001	0.198146	-5.04662	0.015974	0.445666	2.24385	1
cg26564601	ZNF99	0.0161294	0.462646	0.95292	-1.04941	0.838718	0.986941	-1.01323	0.281485	0.930349	-1.07487	0.564795	0.963155	-1.03825	0.000552515	0.707626	-1.41318	0.589517	1.03576	1.03576	0.0170578	0.828962	-1.20633	0.344073	0.939072	-1.06488	0.0133863	0.820717	-1.21845	1.05742	0.33323	0.0585683	1
cg15076202	ZNF99	0.0187261	0.650165	1.11283	1.11283	0.0835067	0.21564	2.01564	0.0244375	0.2492	-2.66723	0.874014	1.05978	1.05978	0.0070801	1.20906	1.20906	0.650165	1.11283	1.11283	0.0835067	0.21564	2.01564	0.0244375	0.2492	-2.66723	0.874014	1.05978	1.05978	0.0070801	1.20906	1.20906	0.650165	1.11283	1.11283	0.0835067	0.21564	2.01564	0.0244375	1
cg24259293	ZNF91	0.045111	0.336582	0.82238	-1.21598	0.92503	0.981595	-1.01875	0.64057	1.09725	1.09725	0.0538005	0.649109	-1.54057	0.0014405	0.468324	2.13528	0.443104	1.80404	1.80404	0.119265	1.29466	1.29466	0.0294666	1.34804	1.34804	0.209073	1.24358	1.24358	1.08588	1.34804	1.34804	0.209073	1.24358	1.24358	1.08588	1.34804	1.34804	1
cg27181157	ZNF91	0.0467037	0.486467	0.884873	-1.13011	0.306109	0.20115	1.20115	0.740904	1.05907	1.05907	0.359764	0.849705	-1.17688	0.993589	0.998611	-1.00139	0.0443055	1.49121	1.49121	0.00517172	1.89371	1.89371	0.134492	1.5319	1.5319	0.24243	0.809283	-1.23566	3.47669	1.64742	0.421197	1
cg13912964	ZNF91	0.00340144	0.1965984	0.687372	-1.45486	0.0344997	0.779518	-1.28284	0.264424	1.37523	1.37523	0.0045614	0.287243	3.48078	0.0001	0.176232	-5.67353	0.017305	0.760741	1.31454	0.0038102	0.367753	-2.71975	0.0035579	1.56091	1.56091	0.127529	1.44433	1.44433	1.44433	1.44433	1.44433	1.44433	1.44433	0.700771	1					1
cg25967897	ZNF91	0.0315079	0.123747	2.00289	2.00289	0.795375	0.11436	1.11436	0.545121	0.384373	-2.60164	0.212108	0.578319	-1.29715	0.00362838	0.193985	0.15503	0.451144	1.26234	1.26234	-1.37697	0.031587	0.34986	-2.85829	0.305013	1.55669	1.55669	0.196038	0.565721	-1.76765	0.61067	1.01418	2.44302	1
cg27118278	ZNF91;ZNF93	0.0250318	0.591931	0.879776	-1.13645	0.7203	0.616566	1.06206	0.627175	0.6209	-1.61033	0.0001	0.868894	-1.15089	0.0001	0.168656	-5.92859	0.0001	0.826757	1.20953	0.0001	0.533629	-1.87396	0.0001	0.714063	1.40393	0.0001	0.552125	1.81082	0.0001	0.714063	1.40393	0.0001	0.552125	1.81082	0.0001	0.714063	1.40393	1
cg07095530	ZNHIT1;PUDI3	0.0106373	0.00984251	0.233718	-4.27865	0.505589	0.740101	-1.35117	0.0454643	0.35982	-2.77917	0.999406	0.999668	-1.00033	0.00374383	0.174821	5.72014	0.871894	0.930621	-1.07455	0.391929	0.676515	-1.47816	0.00186056	0.139828	-7.15163	0.00659008	0.207655	-8.81567	5.7947	18.2191	2.79475	1
cg17618194	ZNHIT1;PUDI3;ZNHIT1	0.0183066	0.993412	0.998467	-1.00154	0.379116	0.639195	-1.56398	0.110654	0.723978	-1.38126	0.613103	0.909605	-1.09938	0.0001	0.169828	4.99898	0.813096	0.956944	1.04499	0.00202686	0.445411	-2.24512	0.592654	1.10549	1.10549	0.177634	1.305	1.305	3.74211	2.04625	0.48606	1
cg20591238	ZNHIT2	0.0464373	0.976516	1.01758	1.01758	0.71484	1.22428	1.22428	0.0216224	1.23896	1.23896	0.0455124	2.03279	2.03279	0.0238506	1.53473	1.53473	0.076882	1.25196	1.25196	0.00014057	2.07548	2.07548	0.0466586	1.52239	1.52239	0.0457875	0.456907	-1.77002	0.00779675	0.406323	0.401459	0.0218

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg03673470	ZP4;LOC100130331	0.0153205	0.0193475	0.188642	-5.30105	0.0159364	0.175422	-5.70055	0.0108537	0.151621
cg14585353	ZPBP2;ZPBP2	0.00076306	0.893132	0.981846	-1.01849	0.970863	1.00499	1.00499	0.000116265	0.398289
cg26612727	ZPBP2;ZPBP2	0.00258007	0.0504992	1.99098	1.99098	0.0634627	1.90553	1.90553	0.150025	1.61084
cg09639931	ZPBP2;ZPBP2	0.00319305	0.514654	0.799346	-1.25102	0.940892	0.975178	-1.02545	0.159804	1.66381
cg05330360	ZPBP2;ZPBP2	0.0043512	0.798514	0.930418	-1.07479	0.565361	1.17804	1.17804	0.000886779	0.245564
cg16810031	ZPBP2;ZPBP2	0.00888944	0.50196	0.700188	-1.42819	0.139135	2.29925	2.29925	0.152315	0.448453
cg15636887	ZPBP2;ZPBP2	0.0131139	0.561968	0.807939	-1.23772	0.219597	0.625297	-1.59924	0.197209	0.609058
cg09921682	ZPBP;ZPBP	0.00290559	0.414652	0.819056	-1.22092	0.140676	1.46134	1.46134	0.22619	1.35554
cg07750378	ZPBP;ZPBP	0.00607506	0.0454862	2.27715	2.27715	0.0609136	2.13367	2.13367	0.900373	1.04596
cg13443797	ZPBP;ZPBP	0.00626482	0.088089	1.93413	1.93413	0.032214	2.40882	2.40882	0.598107	1.20495
cg24828620	ZPBP;ZPBP	0.00629511	0.0462667	4.31167	4.31167	0.0928579	3.26551	3.26551	0.829068	0.870768
cg00303745	ZPBP;ZPBP	0.00641705	0.0254469	0.630057	-1.58716	0.363162	1.17652	1.17652	0.233715	0.804801
cg07937091	ZPBP;ZPBP	0.0102906	0.496279	0.919186	-1.08792	0.176678	0.839293	-1.19148	0.000989744	0.550445
cg08215366	ZPBP;ZPBP	0.0121248	0.182019	1.50311	1.50311	0.630873	1.14945	1.14945	0.0375484	0.499468
cg27183007	ZPBP;ZPBP	0.015846	0.138851	1.78853	1.78853	0.0605784	2.16436	2.16436	0.838089	1.07752
cg16261619	ZPBP;ZPBP	0.0180752	0.807011	1.03329	1.03329	0.0316861	1.40068	1.40068	0.0957422	1.27736
cg13000496	ZPBP;ZPBP	0.0299535	0.106335	3.3953	3.3953	0.0623403	4.28128	4.28128	0.581916	0.680144
cg10349880	ZPBP;ZPBP	0.0340266	0.861384	0.955167	-1.04694	0.529575	1.18193	1.18193	0.0596034	0.572381
cg17237506	ZPBP;ZPBP	0.0427548	0.666172	1.3993	1.3993	0.441106	1.83688	1.83688	0.722244	0.758601
cg00423655	ZPLD1	0.00288649	0.00153942	0.202987	-4.92643	0.131404	0.565539	-1.76823	0.00268393	0.23407
cg08483570	ZPLD1	0.014972	0.0141634	1.77287	1.77287	0.0118881	1.81111	1.81111	0.100167	0.711241
cg00657674	ZPLD1	0.0207049	0.0569929	0.410671	-2.43504	0.000464443	0.102771	-9.73039	0.0328475	0.356481
cg06847678	ZRANB1	0.000569882	0.00253436	0.666245	-1.50095	0.393288	1.08844	1.08844	0.050765	0.805986
cg25936818	ZRANB1;ZRANB1	0.0312652	0.677016	0.890397	-1.12309	0.269207	1.37559	1.37559	0.407799	1.26447
cg19749975	ZRANB2;ZRANB2	0.00144182	0.0552819	0.661656	-1.51136	0.1563	0.749558	-1.33412	3.86E-05	0.223313
cg04099660	ZRANB2;ZRANB2	0.0108513	0.526021	0.914217	-1.09383	0.0108526	1.56286	1.56286	0.0668781	1.3321
cg26860848	ZRANB2;ZRANB2	0.0156216	0.681377	0.893075	-1.11973	0.213731	0.698642	-1.43135	0.939936	0.97957
cg01946442	ZRANB2;ZRANB2	0.0240386	0.0969015	0.638896	-1.5652	0.0201427	1.99198	1.99198	0.0116707	2.17036
cg16431266	ZRANB3	0.000275892	0.122904	0.810921	-1.23317	0.000535342	0.508853	-1.96521	0.00283488	0.597271
cg17162682	ZRANB3	0.000313868	0.0223758	0.48984	-2.04148	0.000902022	0.2738	-3.6523	0.0630951	0.579728
cg20302203	ZRSR2	0.000947841	0.0276111	0.712883	-1.40275	0.00195134	1.76681	1.76681	4.86E-05	2.69868
cg27391267	ZSCAN1	9.47E-07	0.567551	0.942469	-1.06104	0.21635	1.14272	1.14272	2.39E-08	8.39293
cg24889949	ZSCAN1	1.36E-06	0.0155264	1.35632	1.35632	0.131049	0.845855	-1.18224	0.0873002	0.82379
cg26282792	ZSCAN1	7.57E-06	0.0832371	0.683482	-1.4631	0.00884721	0.516175	-1.93733	0.00126682	2.54329
cg19603744	ZSCAN1	8.32E-05	0.00160097	2.15809	2.15809	0.0131174	0.592912	-1.68659	0.349865	1.17764
cg22187125	ZSCAN1	0.000126334	0.856002	1.05062	1.05062	5.10E-06	0.0595983	-16.779	0.871135	1.04512
cg05983315	ZSCAN1	0.000378218	0.011597	0.741159	-1.34924	0.0199723	0.766018	-1.30545	0.00059907	1.65305
cg24368848	ZSCAN1	0.00301864	0.132641	3.06832	3.06832	0.291298	2.12121	2.12121	0.00408596	15.8133
cg16106297	ZSCAN1	0.00360621	0.409146	0.866473	-1.1541	0.292575	0.830782	-1.20369	0.403985	1.15602
cg26332191	ZSCAN1	0.00614138	0.0246163	0.323636	-3.08989	0.00595011	0.219611	-4.5535	0.0320213	0.346868
cg26284264	ZSCAN1	0.00639103	0.263476	1.61799	1.61799	0.00385895	0.200483	-4.98795	0.197106	0.569571
cg21331821	ZSCAN1	0.00806016	0.184182	1.22829	1.22829	0.00281707	1.82322	1.82322	0.0461491	1.39585
cg09677268	ZSCAN1	0.0114112	0.168292	0.636055	-1.57219	0.0647053	1.89541	1.89541	0.182087	1.54724
cg01442953	ZSCAN1	0.0118841	0.891214	1.03793	1.03793	0.314939	0.753758	-1.32669	0.538881	1.18442
cg22955525	ZSCAN10	1.22E-05	0.258482	0.795083	-1.25773	0.695106	0.926253	-1.07962	0.00264569	0.445307
cg26014197	ZSCAN10	1.99E-05	0.000986584	0.343107	-2.91454	0.827773	1.04875	1.04875	0.00107378	0.348078
cg08888410	ZSCAN10	3.90E-05	0.0214814	0.585136	-1.70901	0.0618171	1.50389	1.50389	3.59E-05	0.213154
cg06931267	ZSCAN10	5.45E-05	0.000117631	0.251801	-3.97138	0.186872	1.33131	1.33131	0.000184112	0.274549
cg03935731	ZSCAN10	0.000156474	0.173077	0.726159	-1.37711	0.0838451	0.655567	-1.5254	4.00E-05	0.1769
cg27638742	ZSCAN10	0.000404643	0.0194916	0.441894	-2.26299	7.34E-05	0.124258	-8.04775	0.00585702	0.352283
cg07925758	ZSCAN10	0.000677237	0.727507	0.946339	-1.0567	0.184111	1.24876	1.24876	0.81086	1.03852
cg04245634	ZSCAN10	0.000745682	0.541718	0.881822	-1.13402	0.0157014	0.547249	-1.82732	0.017429	0.554706
cg01984424	ZSCAN10	0.0112914	0.0133523	0.107692	-9.28577	0.0157949	0.116457	-8.58688	0.0374392	0.172767
cg20364187	ZSCAN10	0.0247991	0.958712	1.01477	1.01477	0.00602267	0.362019	-2.76228	0.291706	0.73361
cg10832708	ZSCAN10	0.0260947	0.114213	0.319377	-3.1311	0.0716031	0.26279	-3.80532	0.0201523	0.155403
cg20055101	ZSCAN10	0.0363164	0.0692936	0.378193	-2.64415	0.237414	1.808	1.808	0.125264	0.452066
cg23779644	ZSCAN12	0.025556	0.0363345	0.678017	-1.47489	0.684183	0.936782	-1.06748	0.810597	1.03908
cg01494551	ZSCAN12;ZSCAN12	0.00207982	0.0179031	0.829629	-1.20536	0.0732181	1.13846	1.13846	0.118749	1.11619
cg25060829	ZSCAN12;ZSCAN12	0.00259296	0.0202739	1.53513	1.53513	0.0191943	0.647968	-1.54329	0.0482937	1.41282
cg12297501	ZSCAN12;ZSCAN12	0.00449269	0.010251	0.321312	-3.11224	0.020499	0.375501	-2.66311	0.00828369	0.305931
cg21108553	ZSCAN12;ZSCAN12	0.0215122	0.0370389	0.542561	-1.84311	0.302267	0.763491	-1.30977	0.213257	0.718224
cg23164203	ZSCAN12;ZSCAN12;ZSCAN12	0.00075775	0.493809	0.959984	-1.04168	0.000375872	0.71595	-1.39675	0.311559	1.06346
cg06952873	ZSCAN12L1	0.00151861	0.0634457	0.470756	-2.12424	0.268969	0.659943	-1.51528	0.105266	0.527863
cg12740337	ZSCAN12L1	0.00301331	0.0698574	0.460616	-2.171	0.502677	0.770947	-1.29711	0.00646493	0.258203
cg12623302	ZSCAN12L1	0.00589226	0.0675755	0.385891	-2.5914	0.0322777	0.311683	-3.20839	0.110997	0.446037
cg11517269	ZSCAN12L1	0.00997503	0.0690426	0.373941	-2.67422	0.0213816	0.26264	-3.80749	0.112938	0.434227
cg17849569	ZSCAN12L1	0.0151807	0.391973	0.655536	-1.52547	0.93667	0.962458	-1.03901	0.0364278	0.31007
cg03597347	ZSCAN12L1	0.016768	0.137597	0.613123	-1.63099	0.0621503	0.526015	-1.90109	0.851223	0.944177
cg18105139	ZSCAN12L1	0.0190992	0.128259	0.470845	-2.12384	0.897442	0.942634	-1.06086	0.0395442	0.335988
cg02631126	ZSCAN12L1	0.0310053	0.236713	0.436734	-2.28972	0.242875	0.441915	-2.26288	0.089768	0.28657
cg09156207	ZSCAN12L1	0.0395922	0.0551356	0.202088	-4.94834	0.0820633	0.242482	-4.12402	0.132464	0.303027
cg18032046	ZSCAN16	0.000882082	0.32646	0.91118	-1.09748	0.000603721	1.62516	1.62516	0.0105516	1.34363
cg22896917	ZSCAN16	0.0100097	0.00148105	0.296761	-3.36972	0.580209	1.15952	1.15952	0.160364	0.672109
cg00203456	ZSCAN16	0.0253337	0.0879672	0.795359	-1.25729	0.684429	0.95153	-1.05094	0.405193	1.10911
cg13045351	ZSCAN16	0.0267083	0.827726	0.895115	-1.11717	0.0220183	0.247478	-4.04076	0.064415	0.347745
cg16103834	ZSCAN16	0.0328399	0.628059	1.06141	1.06141	0.997955	1.00031	1.00031	0.00107027	1.80404
cg03145999	ZSCAN18;ZSCAN18	1.50E-05	1.99E-06	6.34609	6.34609	0.0734669	1.36896	1.36896	9.62E-07	7.63133
cg26368011	ZSCAN18;ZSCAN18	8.18E-05	0.0814946	0.702188	-1.42412	0.506882	1.13122	1.13122	3.64E-05	0.233139
cg02348449	ZSCAN18;ZSCAN18	0.000279055	1.52E-05	0.0635131	-15.7448	0.34158	0.739822	-1.35168	0.0232839	0.434392
cg14889658	ZSCAN18;ZSCAN18	0.0016889	0.0419639	0.569151	-1.757	0.0136457	2.0826	2.0826	0.990739	1.00279
cg17408527	ZSCAN18;ZSCAN18	0.0027981	6.71E-05	16.8132	16.8132	0.150414	0.551124	-1.81447	0.0832393	2.09846
cg18693673	ZSCAN18;ZSCAN18	0.00552182	0.000661264	11.0364	11.0364	0.246602	0.572421	-1.74697	0.173336	1.94854
cg05616010	ZSCAN18;ZSCAN18	0.0103886	0.319925	0.574744	-1.7399	0.933731	1.04583	1.04583	0.0372428	3.68029
cg25972591	ZSCAN18;ZSCAN18	0.0172525	0.0223302	0.166361	-6.01102	0.816057	0.858428	-1.16492	0.031056	0.190478
cg14231297	ZSCAN18;ZSCAN18	0.0214133	0.0121282	10.8251	10.8251	0.964636	1.03435	1.03435	0.00317363	21.5412
cg15128312	ZSCAN18;ZSCAN18	0.022375	0.0339223	0.191021	-5.23504	0.957686	1.03611	1.03611	0.0568332	0.23669
cg12405983	ZSCAN18;ZSCAN18	0.0411724	0.0952937	2.46342	2.46342	0.125839	2.2587	2.2587	0.0938857	2.4748
cg18428688	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.000110069	0.000299071	0.721494	-1.38601	0.000471375	1.35636	1.35636	0.113393	1.1003
cg17494838	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.00112461	0.360087	0.905561	-1.10429	0.00727979	0.694241	-1.44042	0.000283665	0.535148
cg07924874	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.00396304	0.0631532	1.21754	1.21754	0.00875499	0.730157	-1.36957	0.155629	0.866679
cg27646509	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.011105	0.817789	0.972036	-1.02877	0.6012	0.937242	-1.06696	0.00399109	0.62152
cg04073913	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.0126145	0.105979	1.29166	1.29166	0.413005	1.12898	1.12898	0.5469	1.09239
cg18888520	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.0252179	0.791639	1.03182	1.03182	0.479662	1.08873	1.08873	0.0298365	1.35313
cg21653184	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18; ZSCAN18	0.000670388	?	?	?	0.488155	1.2333	1.2333	0.876245	1.04749
cg25784220	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18; ZSCAN18;ZSCAN18;ZSCAN18	0.00216772	0.0761713	0.701181	-1.42617	0.000171806	3.15348	3.15348	0.0504729	1.4934
cg18762511	ZSCAN2	0.0333488	0.495147	1.10688	1.10688	0.135396	1.26609	1.26609	0.175368	1.23523
cg24426733	ZSCAN20	6.22E-05	5.59E-05	0.10913	-9.16338	7.40E-05	0.118877	-8.41202	0.0104537	0.385554
cg19855402	ZSCAN20	0.00023453	0.0242081	1.63844	1.63844	0.0595018	1.47821	1.47821	0.0332031	1.58003
cg13303553	ZSCAN20	0.000724304	0.203594	1.32215	1.32215	0.363142	0.823246	-1.2147	0.630532	1.10611
cg18085998	ZSCAN20	0.00170779	0.0536817	1.55083	1.55083	0.363584	1.20563	1.20563	0.637403	1.09975
cg06668155	ZSCAN20	0.00622302	0.217631	0.867492	-1.15275	0.338851	0.897583	-1.1141	0.00411086	0.655819
cg18028289	ZSCAN20	0.0073152	0.0312362	0.479102	-2.08724	0.0167156	0.427241	-2.3406	0.00533063	0.343449
cg26805255	ZSCAN20	0.0203983	0.00641667	0.507203	-1.9716	0.00626265	0.505621	-1.97777	0.886226	0.972963
cg18139020	ZSCAN20	0.0320481	0.496619	1.18218	1.18218	0.26724	1.32345	1.32345	0.870534	0.961223
cg27303855	ZSCAN20	0.0497107	0.766819	0.90696	-1.10258	0.30454	0.705262	-1.41791	0.379496	1.34456
cg10066231	ZSCAN21	0.000138366	4.90E-05	0.167719	-5.96236	0.316141	0.78467	-1.27442	0.719487	0.919079
cg19593306	ZSCAN21	0.000423566	0.350329	0.900036	-1.11107	0.0135933	0.715682	-1.39727	0.0245101	1.34117
cg19370284	ZSCAN21	0.000841364	0.02267	1.7738	1.7738	0.00478099	2.19621	2.19621	0.000563193	3.07409
cg02669770	ZSCAN21	0.00314863	0.778377	0.909026	-1.10008	0.957763	0.982262	-1.01806	0.00716674	3.39685
cg04774334	ZSCAN21	0.00873814	0.919666	1.01274	1.01274	0.178689	0.835868	-1.19636	0.823315	0.972327
cg09377064	ZSCAN21	0.0419759	0.758701	1.07247	1.07247	0.925368	1.0215	1.0215	0.0103384	2.08241
cg14251512	ZSCAN21	0.0453301	0.904315	1.03073	1.03073	0.563805	0.863407	-1.1582	0.0875526	0.622085
cg01648131	ZSCAN22	7.29E-07	0.167264	0.926137	-1.07975	9.72E-05	1.43495	1.43495	8.68E-05	0.692816
cg22255355	ZSCAN22	0.00415847	0.0329979	0.486628	-2.05496	0.85831	0.950884	-1.05165	0.0257227	0.464324
cg18393172	ZSCAN22	0.00482028	0.00621737	0.408416	-2.44848	0.56846	0.865274	-1.1557	0.0530779	0.57592
cg08337420	ZSCAN22	0.00652364	0.00303974	0.310369	-3.22197	0.0113914	0.401469	-2.49085	0.0472376	0.51988
cg01588901	ZSCAN22	0.00657875	0.368325	0.791993	-1.26264	0.0190312	0.488489	-2.04713	0.0379421	1.83554
cg22553722	ZSCAN22	0.0207657	0.00348001	0.384771	-2.59895	0.00727458	2.30219	2.30219	0.658015	1.11327
cg21962426	ZSCAN22	0.0227159	0.00346649	0.378682	-2.64074	0.466368	0.834104	-1.19889	0.117823	0.659926
cg25041148	ZSCAN22;ZSCAN22	1.43E-06	0.130841	0.900222	-1.11084	2.00E-05	1.74395	1.74395	0.00351131	1.29057
cg00249576	ZSCAN23	0.000892935	0.0458556	0.586288	-1.70565	0.302024	0.779236	-1.28331	0.00546608	0.42638
cg01837113	ZSCAN23	0.0015685	0.331574	1.22215	1.22215	0.000319663	0.311415	-3.21115	0.00351152	0.452561
cg23847843	ZSCAN23	0.00299885	0.621808	1.0954	1.0954	0.158992	0.758905	-1.31769	0.00443572	0.498675
cg20803211	ZSCAN23	0.00344915	0.00163113	0.212191	-4.71273	0.468678	0.776271	-1.28821	0.0113542	0.336641
cg09682330	ZSCAN23	0.00626624	0.627519	0.922415	-1.08411	0.136011	1.30387	1.30387	0.466531	1.13019
cg07838603	ZSCAN23	0.00981466	0.407455	1.10857	1.10857	0.113821	1.23277	1.23277	0.00327595	1.62823
cg14547644	ZSCAN23	0.0271991	0.176458	0.807876	-1.23781	0.874581	0.976821	-1.02373	0.186436	1.23115
cg07836142	ZSCAN23	0.0295658	0.148487	0.787132	-1.27043	0.405945	1.14032	1.14032	0.15611	1.26407
cg06818710	ZSCAN23;ZSCAN23	0.000358843	0.146214	0.864628	-1.15657	8.55E-06	2.46705	2.46705	0.844767	0.981886
cg16445139	ZSCAN29;TUBGCP4	0.00316248	0.0112773	0.241533	-4.14022	0.855133	1.08525	1.08525	0.640967	0.810391
cg21075560	ZSCAN29;TUBGCP4	0.00370951	0.247136	0.900757	-1.11018	0.140337	1.14684	1.14684	0.187216	0.886268
cg13518339	ZSCAN29;TUBGCP4	0.0227623	0.612532	1.06905	1.06905	0.581872	0.929869	-1.07542	0.00908859	1.54245
cg26789400	ZSCAN29;TUBGCP4;TUBGCP4	0.00544221	0.227247	1.23309	1.23309	0.00932241	0.579772	-1.72482	0.015688	1.6315
cg20353653	ZSCAN2;ZSCAN2;ZSCAN2	0.000278295	0.340456	0.777819	-1.28565	0.00013492	0.184358	-5.42423	0.00136584	0.304698

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10330955	ZSCAN2;ZSCAN2;ZSCAN2	0.00287542	0.0245453	0.35832	-2.7908	0.513793	0.775901	-1.28882	0.0159047	0.322555	-3.10024	0.00684627	0.261303	-3.82698	0.000383091	0.113901	-8.77953	0.244961	0.627483	-1.59367	0.000787948	0.143084	-6.98892	0.409224	1.38185	1.38185	0.0145484	0.31559	-3.16867	8.66649	20.154	2.06712	1
cg26157028	ZSCAN2;ZSCAN2;ZSCAN2	0.00561461	0.00727481	0.716712	-1.39526	0.00385723	1.45441	1.45441	0.845308	1.01897	1.01897	0.0285298	0.779866	-1.28227	0.464023	0.930804	-1.07434	0.00561351	0.704811	-1.41882	0.13067	0.854668	-1.17005	0.799701	1.02476	1.02476	0.0469054	1.24466	1.24466	7.08254	1.03838	0.130321	1
cg09537173	ZSCAN2;ZSCAN2;ZSCAN2	0.0324652	0.392038	1.11078	1.11078	0.156793	1.19896	1.19896	0.0206804	1.3963	1.3963	0.68704	0.952634	-1.04972	0.0314153	1.35312	1.35312	0.0177635	1.41249	1.41249	0.0546058	0.770101	-1.29853	0.788031	1.03282	1.03282	0.0336272	1.34626	1.34626	3.97328	0.90334	0.202092	1
cg24700702	ZSCAN2;ZSCAN2;ZSCAN2;ZSCAN2;ZSCAN2;ZSCAN2	0.00913098	0.0909603	0.715741	-1.39715	0.0318827	1.57096	1.57096	0.0684936	1.44239	1.44239	0.212232	1.26618	1.26618	0.00855723	0.547451	-1.82665	0.829681	0.962047	-1.03945	0.00185862	0.452391	-2.21048	0.952838	0.989433	-1.01068	0.509827	1.12759	1.12759	6.0844	3.10869	0.454159	1
cg27276456	ZSCAN4	0.000199874	0.000120607	0.184819	-5.41071	0.0121142	0.455679	-2.19453	0.102361	0.638119	-1.56711	0.000235806	0.216192	-4.62552	2.14E-05	0.116471	-8.58582	0.000582588	0.262767	-3.80565	0.778449	1.07345	1.07345	0.882619	1.03783	1.03783	0.169055	0.691971	-1.44515	18.3743	18.378	0.889066	1
cg18601578	ZSCAN4	0.00845011	0.0132816	0.122776	-8.14494	0.00235783	0.0550192	-18.1755	0.0376663	0.192411	-5.19722	0.188096	0.385418	-2.59459	0.00802192	0.0980637	-10.1975	0.0215205	0.151459	-6.60245	0.00203774	0.051168	-19.5435	0.00989517	0.107763	-9.27962	0.179356	0.377204	-2.65108	6.2356	46.1478	6.5784	1
cg21873967	ZSCAN4	0.0468853	0.895887	1.10906	1.10906	0.0141182	0.091195	-10.9655	0.243205	0.380807	-2.626	0.126224	0.270365	-3.6987	0.0336311	0.140588	-7.11296	0.251368	0.387728	-2.57913	0.00287715	0.0391159	-25.565	0.42185	0.52273	-1.91303	0.278576	0.410358	-2.43689	3.47161	34.3672	8.79955	1
cg20693190	ZSCAN5A	1.62E-05	1.18E-05	0.144881	-6.90221	4.33E-05	0.198519	-5.03731	7.44E-05	0.223416	-4.47596	0.00140483	0.381619	-2.62041	1.10E-05	0.142314	-7.0267	4.28E-05	0.197972	-5.05121	7.22E-06	0.127098	-7.86796	0.00139427	0.381166	-2.62353	0.0200119	0.557316	-1.79432	35.7608	24.5683	0.610683	1
cg17767567	ZSCAN5A	0.00106525	0.000544479	0.34516	-2.8972	0.00603	2.03429	2.03429	0.347538	1.21101	1.21101	0.629206	1.1011	1.1011	0.000421151	0.330792	-3.02305	0.0615409	1.51722	1.51722	0.0141279	0.54909	-1.8212	0.233341	1.28062	1.28062	0.71427	1.0755	1.0755	11.5573	7.17202	0.551612	1
cg15023007	ZSCAN5A	0.00121032	0.692057	1.12164	1.12164	0.00031241	0.185342	-5.39544	0.0609973	0.543967	-1.83835	0.0856516	0.578225	-1.72943	0.00176987	0.276967	-3.61053	0.000466664	0.204626	-4.88697	0.0918936	1.70755	1.70755	0.00339343	0.317115	-3.15343	0.485175	0.815037	-1.22694	11.1445	14.6755	1.17052	1
cg07499806	ZSCAN5A	0.00290978	0.0641148	1.3763	1.3763	0.0244542	0.662634	-1.50913	0.101924	0.759694	-1.31632	0.0543431	0.715213	-1.39819	0.0293108	0.674273	-1.48308	0.0155558	0.634148	-1.57692	0.000426248	2.35465	2.35465	0.548433	1.0977	1.0977	0.464598	0.892026	-1.12104	8.63604	3.22337	0.331775	1
cg22702949	ZSCAN5A	0.00375849	0.0369584	1.39771	1.39771	0.000299804	0.443595	-2.25431	0.0836177	0.767489	-1.30295	0.928309	0.98764	-1.01251	0.0226564	0.685837	-1.45807	0.0994708	0.779151	-1.28345	0.0187482	1.48236	1.48236	0.189169	0.825112	-1.21196	0.31074	0.865066	-1.15598	8.00103	2.4203	0.268888	1
cg22265458	ZSCAN5A	0.00469026	0.163351	0.657851	-1.5201	0.928767	0.975145	-1.02549	0.00193054	0.290756	-3.43931	0.000426058	0.207956	-4.8087	0.510775	0.828806	-1.20655	0.287023	0.732569	-1.36506	0.00365062	0.330624	-3.02459	0.109787	0.612186	-1.63349	0.00680872	0.372718	-2.68299	7.483	9.39082	1.11552	1
cg14544999	ZSCAN5A	0.00531618	0.23615	0.782778	-1.2775	0.0744439	0.675637	-1.48008	0.000468797	0.337983	-2.95873	0.347567	1.21023	1.21023	0.0108508	1.87969	1.87969	0.273587	1.25204	1.25204	0.363985	1.20207	1.20207	0.12268	0.718937	-1.39094	0.0455051	0.636047	-1.57221	7.20226	4.43967	0.547936	1
cg15537455	ZSCAN5A	0.00699438	0.00423662	2.04164	2.04164	0.407537	0.853892	-1.17111	0.164521	0.75844	-1.3185	0.00711582	0.523003	-1.91204	0.992709	1.00171	1.00171	0.0106003	0.549231	-1.82073	0.129464	1.35719	1.35719	0.100343	0.714895	-1.39881	0.0184383	0.586849	-1.70402	6.61678	3.64253	0.489332	1
cg18744021	ZSCAN5A	0.0353066	0.3119	1.29071	1.29071	0.0087499	0.442775	-2.25848	0.00598512	0.416284	-2.40221	0.200849	0.719235	-1.39037	0.0978543	1.55738	1.55738	0.473804	0.837183	-1.19448	0.805887	1.0619	1.0619	0.706444	1.09669	1.09669	0.979158	1.00639	1.00639	3.85494	3.63314	0.837745	1
cg21733502	ZSCAN5B	0.000103822	0.00055146	0.521742	-1.91666	0.00287016	1.64461	1.64461	4.09E-05	0.387036	-2.58374	0.011844	0.683079	-1.46396	0.0104498	0.676375	-1.47847	5.67E-05	0.403761	-2.47671	0.000634182	0.529039	-1.89022	0.0619429	0.774938	-1.29043	0.496873	1.08727	1.08727	21.9195	5.10794	0.20714	1
cg08835915	ZSCAN5B	0.00942093	0.009399	0.189328	-5.28183	0.0525143	0.328147	-3.04742	0.00800934	0.179511	-5.5707	0.326312	0.59916	-1.669	0.0468667	0.316636	-3.1582	0.0433999	0.30909	-3.2353	0.000407647	0.0584989	-17.0943	0.563166	0.744206	-1.34371	0.0988845	0.400695	-2.49566	6.02421	24.3745	3.59652	1
cg27180368	ZSCAN5B	0.0331324	0.185092	1.42514	1.42514	0.796479	0.936929	-1.06732	0.0138255	0.464443	-2.15312	0.544791	1.16707	1.16707	0.183557	1.42712	1.42712	0.363341	0.790185	-1.26553	0.00285218	0.355236	-2.81503	0.968552	1.00999	1.00999	0.688842	0.903515	-1.10679	3.94437	3.96934	0.894514	1
cg13780718	ZSWIM1	0.00294469	0.000917142	0.35703	-2.80088	0.60712	0.897781	-1.11386	0.0502113	0.62868	-1.59063	0.00247858	0.417058	-2.39775	0.156882	0.729948	-1.36996	0.806572	0.950277	-1.05233	0.00477173	0.458899	-2.17913	0.0251688	1.73946	1.73946	0.00548124	0.468003	-2.13674	8.60554	5.89108	0.608505	1
cg23271318	ZSWIM1	0.0122748	0.113084	1.14671	1.14671	0.815903	0.981657	-1.01869	0.720709	0.971904	-1.02891	0.0448608	1.20055	1.20055	0.625119	1.03987	1.03987	0.488923	1.0574	1.0574	0.00696935	0.757984	-1.31929	0.577014	0.956255	-1.04575	0.00129998	1.45042	1.45042	5.53267	0.552212	0.0887194	1
cg23610053	ZSWIM1;ZSWIM1	0.0225733	0.904252	1.05562	1.05562	0.186876	1.87631	1.87631	0.915125	0.953179	-1.04912	0.0741615	0.408592	-2.44743	0.789355	1.12799	1.12799	0.00145183	0.126275	-7.91925	0.769095	1.14157	1.14157	0.127352	2.09928	2.09928	0.0622427	2.57058	2.57058	4.51387	14.464	2.8483	1
cg07548607	ZSWIM2	0.00551064	?	?	?	0.0365586	7.67017	7.67017	0.0408313	7.17131	7.17131	0.0240168	0.100165	-9.98348	?	?	?	0.00175685	0.0127357	-78.5197	?	?	?	?	?	?	0.478891	0.576898	-1.73341	14.3139	66.0476	4.61422	1
cg16516691	ZSWIM2	0.0204985	0.00631289	0.595596	-1.67899	0.066867	0.741329	-1.34893	0.487002	0.902225	-1.10837	0.0350971	1.43	1.43	0.32766	1.1586	1.1586	0.0364126	0.701639	-1.42523	0.0131393	0.638883	-1.56523	0.753693	0.955176	-1.04693	0.756179	0.955636	-1.04642	4.66532	1.56839	0.298827	1
cg25602543	ZSWIM3	0.017994	0.183606	0.508438	-1.96681	0.040553	0.321751	-3.108	0.281506	0.584711	-1.71025	0.125506	0.451594	-2.21438	0.00287949	0.140106	-7.13744	0.0260697	0.281938	-3.54688	0.00149022	0.111213	-8.99178	0.363221	0.638882	-1.56523	0.0775895	0.390424	-2.56132	4.87567	17.7514	3.23628	1
cg15566619	ZSWIM3;ACOT8	0.00237074	0.171489	0.788822	-1.26771	0.675192	1.07108	1.07108	3.30E-05	3.71853	3.71853	0.310303	0.84277	-1.18656	0.6088	1.08775	1.08775	0.232422	1.22636	1.22636	0.194332	0.799533	-1.25073	0.628774	1.08261	1.08261	0.908636	0.981468	-1.01888	9.1741	3.85764	0.373771	1
cg09719331	ZSWIM3;ACOT8	0.0165596	0.777481	1.17759	1.17759	0.888719	0.9224	-1.08413	0.283516	1.90191	1.90191	?	?	?	0.81158	1.14773	1.14773	0.00288964	0.0940854	-10.6286	0.394041	0.604296	-1.65482	0.00366451	0.103628	-9.64989	0.0374314	0.248256	-4.0281	5.10706	23.933	4.68626	1
cg04411661	ZSWIM4	1.12E-05	0.287602	0.87453	-1.14347	7.59E-05	0.41834	-2.3904	0.000183988	0.464182	-2.15433	0.000605682	0.52628	-1.90013	4.26E-06	0.2752	-3.63372	3.18E-05	0.373913	-2.67442	3.97E-06	0.271877	-3.67814	0.0104906	1.47863	1.47863	0.0114142	0.680821	-1.46881	39.3788	9.19599	0.207579	1
cg26815611	ZSWIM4	6.59E-05	0.037091	0.571616	-1.74943	0.00123754	0.335891	-2.97715	0.346286	0.799237	-1.25119	0.160269	0.707076	-1.41427	6.07E-07	0.0421028	-23.7514	0.341961	1.25387	1.25387	0.203137	0.733151	-1.36398	0.457454	0.839595	-1.19105	0.614945	0.889414	-1.12434	24.7466	20.9238	0.751574	1
cg25751484	ZSWIM4	0.000177812	0.000210662	5.0539	5.0539	2.96E-05	8.49731	8.49731	0.00337584	2.83591	2.83591	0.00164696	3.24831	3.24831	0.0960461	1.61268	1.61268	0.0813614	0.603425	-1.65721	0.0678566	1.70703	1.70703	7.46E-05	6.55981	6.55981	0.0978709	1.60769	1.60769	18.9656	20.5345	0.962422	1
cg03742890	ZSWIM4	0.000195834	0.41663	1.25981	1.25981	0.976842	0.991957	-1.00811	0.000449865	0.214516	-4.66165	0.877566	0.958016	-1.04382	0.00075372	0.241341	-4.14352	4.97E-05	0.120184	-8.32057	3.78E-05	0.110668	-9.03607	0.546109	0.843707	-1.18525	0.0122742	0.419885	-2.38161	18.4763	22.6499	1.08968	1
cg25718223	ZSWIM4	0.000498388	0.00130422	2.48328	2.48328	0.00044283	2.93754	2.93754	0.0971896	1.42427	1.42427	0.00957143	1.89158	1.89158	0.00226857	0.436186	-2.2926	0.0158829	0.563347	-1.7751	0.0106083	1.86707	1.86707	0.00191449	2.3485	2.3485	0.407608	1.17889	1.17889	14.3033	8.55095	0.531404	1
cg26771318	ZSWIM4	0.000504724	0.00256461	0.468196	-2.13586	0.844962	0.965096	-1.03617	0.000628377	0.385254	-2.59569	0.00061144	0.383699	-2.60621	0.262293	1.23628	1.23628	0.987308	1.00289	1.00289	0.174169	0.769257	-1.29996	0.00470655	1.977	1.977	0.00159735	2.27461	2.27461	14.2533	7.43353	0.463583	1
cg05325182	ZSWIM4	0.00102278	0.0017694	6.22435	6.22435	0.00226789	5.77617	5.77617	0.00164494	6.36446	6.36446	0.0189644	3.21122	3.21122	0.470175	1.35216	1.35216	0.0554871	0.410133	-2.43823	0.425066	0.715689	-1.39725	0.00017722	13.5948	13.5948	0.13706	1.9303	1.9303	11.6916	31.2256	2.37402	1
cg14023762	ZSWIM4	0.00128764	0.094627	0.787398	-1.27001	0.0386201	0.73223	-1.36569	0.00121289	0.53993	-1.85209	0.211877	0.842738	-1.18661	6.46E-05	0.384738	-2.59917	0.0540085	0.752344	-1.32918	0.787112	0.965395	-1.03585	0.604327	0.934248	-1.07038	0.000577438	0.500136	-1.99946	10.949	2.9353	0.238301	1
cg12173604	ZSWIM4	0.0035698	0.457023	0.876602	-1.14077	0.807552	0.958454	-1.04335	0.149188	0.764183	-1.30859	0.283674	1.2137	1.2137	0.467748	0.879437	-1.13709	4.83E-05	0.264603	-3.77925	0.298849	1.20591	1.20591	0.143389	0.76078	-1.31444	0.113118	0.740952	-1.34961	8.12562	3.89085	0.425633	1
cg18149561	ZSWIM4	0.0130229	0.344658	0.88496	-1.12999	0.0253691	1.39611	1.39611	0.409845	1.11163	1.11163	0.291767	1.14722	1.14722	0.198187	0.843033	-1.18619	0.528767	1.08342	1.08342	0.957338	1.00674	1.00674	0.016479	1.44471	1.44471	0.000645594	1.92941	1.92941	5.42703	1.35498	0.221932	1
cg10546977	ZSWIM4	0.0250781	0.148856	0.566092	-1.7665	0.0541798	2.23248	2.23248	0.0281081	2.5939	2.5939	0.0166736	2.92754	2.92754	0.24988	1.55573	1.55573	0.045403	0.430227	-2.32435	0.630059	1.19526	1.19526	0.0232139	2.7108	2.7108	0.881461	0.946637	-1.05637	4.35251	9.31107	1.90155	1
cg12527440	ZSWIM4	0.0342284	0.0996396	0.49744	-2.01029	0.686805	1.16981	1.16981	0.529442	0.781522	-1.27955	0.93565	1.03174	1.03174	0.00920157	0.278185	-3.59474	0.0533399	0.427714	-2.33801	0.00559165	0.244654	-4.08741	0.017597	0.327045	-3.05768	0.432257	0.733357	-1.36359	3.89841	9.24422	2.1078	1
cg00437228	ZSWIM4	0.0365206	0.272771	0.762036	-1.31227	0.239599	0.745882	-1.34069	0.0166765	0.498659	-2.00538	0.321666	1.27604	1.27604	0.0160943	0.495979	-2.01621	0.295069	1.29503	1.29503	0.244994	0.748607	-1.33581	0.0513381	1.69593	1.69593	0.116714	0.666448	-1.50049	3.80791	3.41859	0.798008	1
cg10835872	ZSWIM4	0.0452729	0.0274886	0.599591	-1.6678	0.177609	0.75498	-1.32454	0.0427994	0.632926	-1.57996	0.314358	0.81537	-1.22644	0.00525165	0.48571	-2.05884	0.890143	0.973253	-1.02748	0.283268	0.80356	-1.24446	0.0239486	0.589512	-1.69632	0.02993	0.605879	-1.65049	3.51755	2.14394	0.541777	1
cg16078521	ZSWIM5	0.000174082	0.0401952	1.19145	1.19145	0.304211	1.0818	1.0818	0.00685327	0.772016	-1.29531	0.751144	0.976765	-1.02379	0.0187552	0.810222	-1.23423	0.000483368	0.667377	-1.4984	1.01E-05	0.496658	-2.01346	0.755059	0.97714	-1.02339	0.00913737	1.27721	1.27721	19.0747	1.64949	0.0768672	1
cg26334856	ZSWIM5	0.000950531	0.0378279	0.684224	-1.46151	0.0772572	1.36275	1.36275	0.339222	1.1679	1.1679	0.0412992	0.690133	-1.449	8.74E-05	0.330068	-3.02967	0.0166043	1.58555	1.58555	0.0503716	1.42111	1.42111	0.0107279	0.60338	-1.65733	0.0324532	0.674016	-1.48364	11.9369	4.69352	0.349506	1
cg08763292	ZSWIM5	0.00514235	0.00959316	0.473793	-2.11063	0.0476848	1.67502	1.67502	0.79432	1.06132	1.06132	0.622686	1.1196	1.1196	0.0935004	0.656919	-1.52226	0.345519	1.2477	1.2477	0.0217506	0.53397	-1.87277	0.000659581	3.28171	3.28171	0.66341	1.10489	1.10489	7.27592	5.97912	0.73046	1
cg15481189	ZSWIM5	0.0133648	0.807579	0.954059	-1.04815	0.0258289	0.600454	-1.66541	0.0299776	0.611334	-1.63577	0.422744	0.853999	-1.17096	0.00154285	0.415665	-2.40578	0.939807	1.01466	1.01466	0.0236041	1.68365	1.68365	0.28004	1.24164	1.24164	0.403352	0.848047	-1.17918	5.38122	3.16602	0.522974	1
cg25632299	ZSWIM6	3.34E-05	0.0220313	0.735333	-1.35993	0.00118567	1.70273	1.70273	0.179371	0.852439	-1.17311	0.0384723	1.3079	1.3079	1.43E-05	0.363579	-2.75044	0.132368	0.833778	-1.19936	5.03E-06	0.312413	-3.20089	0.136878	1.19647	1.19647	0.00345791	0.641217	-1.55953	29.6194	5.87844	0.176414	1
cg26583598	ZSWIM6	9.11E-05	0.004464	0.36264	-2.75756	0.00852655	0.407451	-2.45428	0.0134398	0.441033	-2.2674	0.874529	0.958613	-1.04317	8.89E-05	0.15307	-6.53296	0.000306717	0.208501	-4.79615	3.49E-06	0.0540381	-18.5055	0.0399488	0.529884	-1.88721	0.000816072	0.259315	-3.85631	22.6998	25.7201	1.00716	1
cg27657169	ZSWIM6	0.00139253	0.117562	1.20805	1.20805	0.164939	1.17906	1.17906	0.0092031	0.692347	-1.44436	0.0102643	1.43294	1.43294	0.0025233	0.627318	-1.59409	0.00826943	0.686947	-1.45572	0.000972448	1.7259	1.7259	0.251738	1.14241	1.14241	0.373933	1.10681	1.10681	10.7059	2.09646	0.174064	1
cg11023075	ZSWIM6	0.0172328	0.518138	1.13946	1.13946	0.0486035	0.638329	-1.56659	0.00785253	0.506737	-1.97341	0.0545875	1.54424	1.54424	0.800024	1.05188	1.05188	0.00399525	2.16193	2.16193	0.479057	0.86641	-1.15419	0.700626	1.08003	1.08003	0.701678	1.07972	1.07972	4.94691	3.11129	0.559055	1
cg16554941	ZSWIM6	0.0173866	0.0121336	0.372568	-2.68407	0.0925125	0.557303	-1.79436	0.36207	0.743905	-1.34426	0.376042	0.750601	-1.33227	0.00105338	0.216481	-4.61934	0.579252	0.837888	-1.19348	0.08585	0.549104	-1.82115	0.483314	1.25229	1.25229	0.0115393	0.368765	-2.71176	4.93221	7.78996	1.40392	1
cg27335855	ZSWIM6	0.0191527	0.637541	0.870967	-1.14815	0.00507148	0.340087	-2.94042	0.00901844	0.380433	-2.62859	0.325396	1.34395	1.34395	0.258353	1.40964	1.40964	0.236457	1.43494	1.43494	0.0559296	1.87835	1.87835	0.112045	0.604273	-1.65488	0.365364	0.762804	-1.31095	4.77412	6.40781	1.19307	1
cg02097667	ZSWIM6	0.01938	0.314536	0.767212	-1.30342	0.0137929	0.460448	-2.1718	0.032898	0.529536	-1.88845	0.664975	0.894929	-1.11741	0.0327302	1.88998	1.88998	0.0224464	2.00717	2.00717	0.284791	0.75346	-1.32721	0.605905	1.14179	1.14179	0.0674195	1.6856	1.6856	4.75509	4.88873	0.91387	1
cg12489322	ZSWIM6	0.0309334	0.0622063	0.72105	-1.38687	0.0148673	1.59475	1.59475	0.129278	1.29091	1.29091	0.450856	0.887203	-1.12714	0.161885	0.792408	-1.26198	0.062668	1.38587	1.38587	0.0691971	0.728536	-1.37262	0.205359	0.812088	-1.23139	0.232527	1.21535	1.21535	4.04252	1.5538	0.341656	1
cg07180460	ZSWIM6	0.0357335	0.672713	1.08814	1.08814	0.0584667	0.653754	-1.52963	0.163609	0.744117	-1.34387	0.0224756	1.722	1.722	0.0620118	0.658527	-1.51854	0.194304	1.31388	1.31388	0.0539587	0.647307	-1.54486	0.0792291	1.47312	1.47312	0.861166	0.965797	-1.03541	3.83817	2.40255	0.55641	1
cg25321549	ZSWIM6	0.0408098	0.319577	0.832336	-1.20144	0.00296972	2.06981	2.06981	0.159406	1.30772	1.30772	0.337092	0.83813	-1.19313	0.766798	0.94832	-1.0545	0.41004	0.860433	-1.16221	0.606992	1.09699	1.09699	0.0869844	1.40106	1.40106	0.0492004	1.49268	1.49268	3.65601	1.84332	0.448167	1
cg25314134	ZSWIM6	0.0410596	0.0673076	0.669655	-1.49331	0.0133043	0.548885	-1.82187	0.0153518	0.558825	-1.78947	0.621499	0.907253	-1.10223	0.213403	0.773945	-1.29208	0.817351	0.955763	-1.04628	0.044464	1.57047	1.57047	0.230728	0.782006	-1.27876	0.551876	1.12493	1.12493	3.64778	2.20983	0.53849	1
cg01815921	ZSWIM7;TTC19;ZSWIM7	0.0168827	0.100512	1.40926	1.40926	0.0346623	0.625251	-1.59936	0.733333	1.06738	1.06738	0.76503	1.05882	1.05882	0.0255333	1.65865	1.65865	0.0100772	1.8574	1.8574	0.00980448	0.536551	-1.86376	0.543298	0.889303	-1.12448	0.953445	1.01119	1.01119	4.981	2.86837	0.511878	1
cg19815271	ZSWIM7;ZSWIM7	0.00104791	0.000598567	0.107115	-9.33577	0.00646671	0.224609	-4.45218	0.0121367	0.267486	-3.73851	0.0108471	0.259396	-3.85511	0.000316851	0.0853994	-11.7097	0.00377046	0.19226	-5.20129	0.000258189	0.0791451	-12.635	0.16462	0.535065	-1.86893	0.0092436	0.248215	-4.02876	11.6113	32.7172	2.50463	1
cg06857116	ZSWIM7;ZSWIM7	0.00620155	0.0308741	0.459859	-2.17458	0.221119	0.674236	-1.48316	0.0870647	0.560428	-1.78435	0.00881275	0.359858	-2.77887	0.0215951	0.429341	-2.32915	0.00746089	0.347918	-2.87424	0.00612394	0.334118	-2.99296	0.679819	0.880574	-1.13562	0.000417404	0.179955	-5.55693	6.86867	10.2168	1.32218	1
cg08388822	ZSWIM7;ZSWIM7;TTC19	0.00034896	0.000722445	0.288166	-3.47023	0.095825	1.55658	1.55658	0.0188442	1.99015	1.99015	0.0157011	0.48857	-2.04679	7.77E-05	0.177238	-5.64212	0.000307489	0.242347	-4.12632	0.538137	1.16275	1.16275	0.0479991	0.578802	-1.72771	0.792981	1.06569	1.06569	15.7821	14.6262	0.823781	1
cg13736128	ZSWIM7;ZSWIM7;TTC19	0.0115539	0.00408511	0.30166	-3.31499	0.11434	0.586179	-1.70596	0.731611	0.89846	-1.11302	0.183299	1.5513	1.5513	0.00132895	0.234208	-4.2697	0.251072	0.6887	-1.45201	0.638976	1.1583	1.1583	0.582904	1.18825	1.18825	0.0233807	0.430645	-2.3221	5.64231	8.64304	1.36162	1
cg07133692	ZSWIM7;ZSWIM7;TTC19	0.0483706	0.0919319	0.522637	-1.91338	0.540839	1.24175	1.24175	0.26768	0.667766	-1.49753	0.712569	1.13816	1.13816	0.033805	0.420315	-2.37917	0.280678	0.675591	-1.48019	0.00227313	0.224697	-4.45043	0.526084	0.798775	-1.25192	0.583476	1.21368	1.21368	3.43098	6.64636	1.72192	1
cg07823099	ZUFSP	0.000134031	0.00157709	2.06711	2.06711	0.01617	0.624517	-1.60124	5.25E-05	0.298402	-3.35118	0.024951	1.53252	1.53252	0.00085301	0.448522	-2.22954	0.000512076	0.419796	-2.38211	0.100534	0.749877	-1.33355	0.000468187	0.414803	-2.41078	0.109683	0.756518	-1.32185	20.4679	8.29917	0.36042	1
cg01339781	ZUFSP	0.00206178	0.00400765	0.498827	-2.0047	0.68729	1.0755	1.0755	0.715727	0.936334	-1.06799	0.102367	0.72505	-1.37921	0.234658	0.79927	-1.25114	0.00011479	0.296119	-3.37702	0.297561	1.21437	1.21437	0.915725	1.01922	1.01922	0.0102526	1.78963	1.78963	9.55675	4.89642	0.455424	1
cg00620629	ZUFSP;ZUFSP	0.0368857	0.853901	1.13317	1.13317	0.0109633	10.6004	10.6004	0.00461342	17.386	17.386	?	?	?	0.566178	1.48391	1.48391	?	?	?	0.480542	1.63072	1.63072	0.393574	1.81781	1.81781	?	?	?	4.9156	22.719	4.62181	1
cg05901534	ZW10	0.000273202	0.0020656	0.701078	-1.42638	0.0894392	0.857891	-1.16565	0.000130116	0.58044	-1.72283	0.460305	1.06346	1.06346	0.00714326	0.752494	-1.32891	0.00105555	0.672663	-1.48663	0.450389	0.93899	-1.06497	0.000413556	0.632094	-1.58204	0.00144688	1.45757	1.45757	16.8764	1.79079	0.0943217	1
cg04690319	ZW10	0.0343044	0.0246266	0.274793	-3.6391	0.00426423	0.157927	-6.33204	0.0147877	0.235124	-4.25307	0.159422	0.483975	-2.06622	0.0150472	0.236391	-4.23029	0.223156	0.539133	-1.85483	0.0528409	0.345694	-2.89273	0.579074	0.763029	-1.31057	0.290058	0.588613	-1.69891	3.89529	14.3716	3.27955	1
cg27515681	ZWILCH;RPL4;RPL4;ZWILCH	0.0359362	0.00698604	0.611502	-1.63532	0.0208328	1.48013	1.48013	0.798242	0.964534	-1.03677	0.331883	0.868381	-1.15157	0.255713	0.845975	-1.18207	0.56873	0.922006	-1.08459	0.129256	0.793674	-1.25996	0.659861	0.939474	-1.06443	0.0643545	1.34041	1.34041	3.8303	1.20557	0.279775	1
cg12934529	ZWILCH;ZWILCH	0.00171535	0.154453	1.29688	1.29688	6.05E-05	0.282649	-3.53795	0.00657215	0.547709	-1.82579	0.619972	0.918275	-1.089	0.0607662	1.4341	1.4341	0.851857	0.968618	-1.0324	0.118937	1.33461	1.33461	0.162231	0.775303	-1.28982	0.659354	1.07859	1.07859	10.0815	4.64457	0.409513	1
cg11136251	ZWILCH;ZWILCH;RPL4	0.0306899	0.644799	0.899512	-1.11171	0.0101907	0.47753	-2.09411	0.744363	0.928071	-1.0775	0.113032	0.674699	-1.48214	0.515264	0.86026	-1.16244	0.431903	1.20081	1.20081	0.00125658	0.341458	-2.92862	0.810644	0.946712	-1.05629	0.951861	0.986321	-1.01387	4.05392	3.34167	0.732715	1
cg27573093	ZWILCH;ZWILCH;RPL4;ZWILCH	0.00410936	0.000294199	0.319768	-3.12727	0.223426	1.28053	1.28053	0.275824	1.24501	1.24501	0.73639	0.936774	-1.06749	0.155405	0.745369	-1.34162	0.168191	0.75285	-1.32829	0.106633	0.711371	-1.40574	0.758497	1.06143	1.06143	0.00407851	2.10676	2.10676	7.78886	4.60972	0.526075	1
cg16899823	ZWINT;ZWINT;ZWINT	0.008771	0.0116912	0.202706	-4.93325	0.594667	0.768868	-1.30061	0.406254	1.51693	1.51693	0.00256275	0.115675	-8.64491	0.00176597	0.099478	-10.0525	0.936501	0.961806	-1.03971	0.969201	1.01905	1.01905	0.241841	1.82745	1.82745	0.145479	2.1649	2.1649	7.03202	26.0415	2.88032	1
cg14993200	ZWINT;ZWINT;ZWINT	0.0123663	0.867844	1.01128	1.01128	0.0905008	0.881909	-1.1339	0.00340889	1.30753	1.30753	0.0161931	0.820229	-1.21917	0.697016	0.973983	-1.02671	0.221824	0.917124	-1.09037	0.37383	1.06344	1.06344	0.0676353	0.871156	-1.1479	0.024291	1.19829	1.19829	5.51932	0.3968	0.0639048	1
cg14859667	ZWINT;ZWINT;ZWINT	0.0178601	0.467255	0.907268	-1.10221	0.0559452	1.32958	1.32958	0.140115	1.23224	1.23224	0.0219401	1.4357	1.4357	0.129595	0.806192	-1.2404	0.846427	1.02584	1.02584	0.00200423	0.563433	-1.77483	0.699362	0.950229	-1.05238	0.953828	1.00765	1.00765	4.88793	1.33989	0.243664	1
cg00371482	ZWINT;ZWINT;ZWINT	0.0306969	0.0168834	0.663308	-1.5076	0.248115	0.843623	-1.18536	0.41597	1.12422	1.12422	0.370354	0.878482	-1.13833	0.542863	0.916909	-1.09062	0.142153	0.800716	-1.24888	0.0020263	0.5417	-1.84604	0.144486	1.24703	1.24703	0.754746	0.956825	-1.04512	4.05359	1.27347	0.279251	1
cg02286335	ZWINT;ZWINT;ZWINT	0.0358456	0.0202655	0.73	-1.36986	0.0325649	1.32481	1.32481	0.405267	1.10047	1.10047	0.507754	0.927231	-1.07848	0.23825	0.87032	-1.149	0.213337	0.862998	-1.15875	0.0690829	0.795564	-1.25697	0.714822	1.04212	1.04212	0.0295791	1.33378	1.33378	3.83381	0.767601	0.177972	1
cg20482922	ZXDA	0.0284172	0.00330149	0.159189	-6.28184	0.227068	0.558622	-1.79012	0.232425	0.562717	-1.77709	0.295622	1.64538	1.64538	0.0106779	0.229098	-4.36495	0.0588327	0.375371	-2.66403	0.517385	0.739806	-1.35171	0.187018	1.90058	1.90058	0.476198	0.717039	-1.39462	4.166	13.91	2.96793	1
cg24826745	ZXDA	0.0382257	0.0125202	0.268914	-3.71866	0.540353	0.769448	-1.29963	0.0879169	0.450991	-2.21734	0.470263	1.36421	1.36421	0.0147946	0.281389	-3.5538	0.462366	1.37207	1.37207	0.681166	1.19086	1.19086	0.0386899	2.75206	2.75206	0.902871	0.949691	-1.05297	3.74501	10.6031	2.51668	1
cg14860045	ZXDB	0.00483404	0.0210049	0.381239	-2.62303	0.419769	0.751023	-1.33152	0.109636	0.54564	-1.83271	0.0151054	0.354504	-2.82084	0.000346982	0.135514	-7.3793	0.735809	0.889031	-1.12482	0.00174513	0.212229	-4.71188	0.869193	1.05892	1.05892	0.0140537	0.348858	-2.8665	7.41453	14.1665	1.69835	1
cg14833706	ZXDB	0.0307817	0.494326	0.823206	-1.21476	0.00307582	0.321123	-3.11407	0.295817	1.35512	1.35512	0.935771	0.97766	-1.02285	0.0159532	0.437279	-2.28687	0.30872	0.744294	-1.34356	0.098868	0.602153	-1.66071	0.0393188	0.512543	-1.95106	0.394569	1.2769	1.2769	4.04962	5.03979	1.10623	1
cg23042090	ZXDC	0.0417576	0.0599122	0.313187	-3.19298	0.0186377	0.210176	-4.75791	0.020136	0.215876	-4.63229	0.531022	0.706764	-1.4149	0.0229814	0.22594	-4.42595	0.0247556	0.231788	-4.31429	0.0150795	0.195235	-5.12204	0.399708	0.624066	-1.6024	0.0771245	0.341331	-2.92971	3.62509	17.1734	4.211	1
cg04840739	ZXDC;ZXDC	0.0029889	0.208863	1.15536	1.15536	0.126333	0.835027	-1.19757	0.991059	0.998779	-1.00122	0.412883	1.09555	1.09555	0.604731	0.944667	-1.05857	0.0229901	0.743444	-1.34509	7.49E-05	0.456663	-2.1898	0.0799039	0.809095	-1.23595	0.129367	1.19558	1.19558	8.56758	1.61252	0.1673	1
ch.3.2480551F	ZXDC;ZXDC	0.00577555	0.0129511	0.432526	-2.312	0.000837188	0.255218	-3.91821	0.00955314	0.409917	-2.43952	0.00149046	0.288039	-3.47176	0.059166	0.560514	-1.78408	0.580554	1.16376	1.16376	0.133287	0.644005	-1.55278	0.800919	0.933649	-1.07107	0.892767	1.03733	1.03733	7.02122	8.2101	1.0394	1
cg08528616	ZXDC;ZXDC	0.00932442	0.0496248	2.05276	2.05276	0.00494497	3.30421	3.30421	0.00210892	4.00802	4.00802	0.0730031	1.90046	1.90046	0.0496319	2.0527	2.0527	0.0190636	2.48727	2.48727	0.00239968	3.88913	3.88913	0.0202262	2.45755	2.45755	0.048861	2.05912	2.05912	6.04398	9.86968	1.45153	1
cg01357892	ZXDC;ZXDC	0.0107148	0.0170398	0.322437	-3.10138	0.00173327	0.175791	-5.68857	0.0183128	0.328229	-3.04665	0.0775173	0.466037	-2.14575	0.0834431	0.474469	-2.10762	0.0127244	0.299815	-3.33539	0.00551295	0.241835	-4.13504	0.463125	1.33722	1.33722	0.128826	0.528009	-1.89391	5.7812	13.8621	2.13137	1
cg13264183	ZXDC;ZXDC	0.0142261	0.8896	0.980032	-1.02037	0.062646	0.737683	-1.3556	0.128944	0.787984	-1.26906	0.37369	0.875802	-1.14181	0.00748928	0.606563	-1.64863	0.0619591	0.736948	-1.35695	0.0298047	1.44965	1.44965	0.0105562	1.59547	1.59547	0.805918	1.0364	1.0364	5.27204	1.76097	0.296908	1
cg09167911	ZYG11A	8.87E-05	0.00163962	0.316354	-3.16102	0.00516562	0.389688	-2.56616	0.0223693	0.497332	-2.01073	0.102182	0.633476	-1.57859	0.000150789	0.19005	-5.26176	5.52E-05	0.147247	-6.79133	8.70E-06	0.0849586	-11.7704	0.000153444	0.190848	-5.23977	0.00183749	0.323255	-3.09353	22.8621	23.587	0.917073	1
cg06335143	ZYG11A	0.000234047	0.0494759	1.43217	1.43217	0.473689	1.12386	1.12386	0.170024	0.791219	-1.26387	0.315138	1.18109	1.18109	0.489317	1.11912	1.11912	0.00989991	0.59323	-1.68569	0.289159	0.838362	-1.1928	0.470164	1.12494	1.12494	3.55E-06	5.71987	5.71987	17.6032	7.15841	0.36147	1
cg04830147	ZYG11A	0.000654066	0.0126048	0.587085	-1.70333	0.487291	1.12882	1.12882	0.0350626	0.655991	-1.52441	0.785223	0.954182	-1.04802	1.33E-05	0.208797	-4.78934	0.00677083	0.54738	-1.82688	0.0116964	0.582233	-1.71753	0.461542	0.879239	-1.13735	0.00414783	0.516941	-1.93446	13.2605	6.19105	0.415004	1
cg26296069	ZYG11A	0.00068708	8.57E-05	0.116371	-8.59318	0.269684	0.704334	-1.41978	0.976981	1.00884	1.00884	0.600211	1.17499	1.17499	5.25E-05	0.0998317	-10.0169	0.0163876	0.408769	-2.44637	0.537833	1.20952	1.20952	0.453863	0.792426	-1.26195	0.0556056	0.516112	-1.93756	13.079	19.2615	1.30907	1
cg08736216	ZYG11A	0.000707406	0.00320279	0.376252	-2.65779	0.0468454	0.575334	-1.73812	0.00223261	0.353365	-2.82994	0.214623	0.728061	-1.37351	0.000707953	0.285503	-3.5026	0.00280127	0.367666	-2.71986	0.000230222	0.226315	-4.41863	0.000134958	0.20069	-4.9828	0.14611	0.684516	-1.46089	12.9726	12.1255	0.830846	1
cg12803004	ZYG11A	0.00288867	0.0286621	0.729181	-1.3714	0.807899	1.03025	1.03025	0.315299	1.13547	1.13547	0.0177775	1.4228	1.4228	0.131671	0.819458	-1.22032	0.0768787	0.786063	-1.27216	0.000107045	0.433352	-2.3076	0.702028	0.954055	-1.04816	0.107689	0.806707	-1.23961	8.65469	2.05206	0.210759	1
cg16015712	ZYG11A	0.00630483	0.342984	0.802949	-1.24541	0.0217137	0.538486	-1.85706	0.367472	1.23117	1.23117	0.472152	0.8485	-1.17855	0.109585	0.67579	-1.47975	0.00997689	0.481471	-2.07697	0.371828	0.81385	-1.22873	0.89632	1.02972	1.02972	0.000571179	3.31463	3.31463	6.83365	5.46167	0.710428	1
cg16661004	ZYG11A	0.016893	0.00461524	0.342968	-2.91573	0.0138272	0.421594	-2.37195	0.0524974	0.534765	-1.86998	0.979133	0.992603	-1.00745	0.0426684	0.515575	-1.93958	0.234069	0.701776	-1.42496	0.00626188	0.363752	-2.74912	0.146166	1.55718	1.55718	0.495544	0.821637	-1.21708	4.97999	6.35673	1.13463	1
cg04721884	ZYG11A	0.047111	0.582955	1.16787	1.16787	0.0421643	0.519387	-1.92535	0.21595	0.694591	-1.4397	0.601562	0.862918	-1.15886	0.313889	0.747157	-1.33841	0.926742	1.02607	1.02607	0.00128875	0.269089	-3.71624	0.928198	0.975093	-1.02554	0.194058	0.680782	-1.4689	3.46533	4.29828	1.10255	1
cg03935117	ZYG11B	2.25E-05	0.547525	0.939851	-1.064	0.000465025	1.75258	1.75258	0.784462	0.972444	-1.02834	0.00417544	0.676236	-1.47877	6.65E-07	0.251346	-3.97858	0.00032596	0.553216	-1.80761	0.00394521	0.673532	-1.48471	0.610848	1.0537	1.0537	0.132637	0.847572	-1.17984	32.8411	5.40293	0.146237	1
cg00814357	ZYG11B	0.0008653	0.774295	1.03749	1.03749	0.000262716	0.464076	-2.15482	0.127459	0.809812	-1.23485	0.761023	0.961709	-1.03982	0.0476365	1.33632	1.33632	0.000457589	2.02659	2.02659	0.00169719	1.7751	1.7751	0.634544	1.06321	1.06321	0.70254	1.05034	1.05034	12.258	3.1804	0.230626	1
cg22166914	ZYG11B	0.0147191	0.58482	1.13796	1.13796	0.0230341	1.89033	1.89033	0.0243894	0.533477	-1.87449	0.00870945	0.457021	-2.18808	0.609694	0.886381	-1.12818	0.122168	1.48057	1.48057	0.012789	0.484603	-2.06354	0.630039	1.1204	1.1204	0.133749	0.684656	-1.46059	5.21316	4.53041	0.772474	1
cg26827702	ZYG11B	0.0177191	0.386657	1.17057	1.17057	0.308791	1.20556	1.20556	0.335133	0.83828	-1.19292	0.657914	0.923957	-1.0823	0.857108	1.0325	1.0325	0.839651	0.964682	-1.03661	0.000259074	2.90584	2.90584	0.546575	1.11436	1.11436	0.704464	0.934604	-1.06997	4.90096	2.44489	0.443431	1
cg11750103	ZYG11B	0.0181108	0.50176	0.871581	-1.14734	0.953264	0.988253	-1.01189	0.00108993	0.378475	-2.64218	0.301286	0.805801	-1.241	0.191194	0.75654	-1.32181	0.802483	0.950727	-1.05183	0.00789109	1.98785	1.98785	0.87819	0.969553	-1.0314	0.619651	0.904047	-1.10614	4.86507	3.13174	0.572194	1
cg23995459	ZYG11B	0.0258068	0.0204401	0.215652	-4.6371	0.179927	0.457457	-2.186	0.693184	0.804322	-1.24328	0.14497	0.423334	-2.3622	0.0189207	0.209945	-4.76316	0.178853	0.456465	-2.19075	0.00174079	0.0861416	-11.6088	0.0142121	0.189944	-5.26472	0.202247	0.477426	-2.09456	4.30928	20.5811	4.24533	1
cg07677396	ZYX;ZYX	0.00496426	0.497066	0.706735	-1.41496	0.000103056	0.0222989	-44.8453	0.0361308	0.285498	-3.50265	0.450141	0.678687	-1.47343	0.587646	0.759281	-1.31704	0.901258	0.939557	-1.06433	0.0835937	2.65691	2.65691	0.740057	0.84593	-1.18213	0.495871	1.41637	1.41637	8.5343	33.3779	3.04191	1
cg07081352	ZYX;ZYX	0.0278754	0.658145	0.943676	-1.05969	0.00631154	1.58891	1.58891	0.100207	1.26423	1.26423	0.670109	0.945741	-1.05737	0.177723	1.20498	1.20498	0.707476	1.0503	1.0503	0.0759347	0.77327	-1.29321	0.293652	1.15236	1.15236	0.00605566	1.59468	1.59468	4.19436	1.12584	0.238594	1
cg03761471	ZYX;ZYX	0.0313294	0.724558	1.15164	1.15164	0.000960888	7.11624	7.11624	0.245728	1.62336	1.62336	0.393945	1.4169	1.4169	0.610924	0.814848	-1.22722	0.0924885	2.09361	2.09361	0.100059	0.487184	-2.05261	0.810486	1.10062	1.10062	0.894518	1.05437	1.05437	4.02422	10.1502	2.24202	1
cg20332503	ZYX;ZYX	0.0445278	0.797294	0.831309	-1.20292	0.0128598	9.18248	9.18248	0.271321	2.27507	2.27507	0.293505	0.457417	-2.18619	0.545061	0.644264	-1.55216	0.960316	0.964914	-1.03636	0.00611543	0.0766616	-13.0443	0.44107	1.75753	1.75753	0.294911	0.458536	-2.18086	3.53947	28.8825	7.25345	1
cg08166720	ZZEF1	5.28E-05	0.00227046	0.308653	-3.23989	0.658627	1.13022	1.13022	0.00053038	0.226393	-4.4171	0.0779365	0.583161	-1.71479	1.55E-05	0.0853464	-11.717	5.17E-05	0.124268	-8.04711	1.16E-05	0.0774926	-12.9045	0.352466	1.30138	1.30138	0.108906	0.617947	-1.61826	26.2383	31.4979	1.06707	1
cg11542336	ZZEF1	0.00153449	0.00117745	0.296053	-3.37777	0.956993	0.986304	-1.01389	0.643575	1.12654	1.12654	0.51205	1.18537	1.18537	0.00053653	0.252242	-3.96445	0.0116074	0.44625	-2.2409	0.000341238	0.228722	-4.37211	0.794546	1.06902	1.06902	0.0311483	0.523707	-1.90946	10.4112	10.7832	0.92065	1
cg26591066	ZZEF1	0.00416315	0.283789	0.648727	-1.54148	0.496532	0.764685	-1.30773	0.0179324	0.326985	-3.05824	0.280711	0.646788	-1.5461	0.000297974	0.101494	-9.85276	0.031272	0.374567	-2.66975	0.00437816	0.227874	-4.38838	0.00139777	0.165474	-6.04326	0.767395	0.891126	-1.12218	7.75834	18.5568	2.1261	1
cg16463044	ZZEF1	0.00448136	0.60999	0.932182	-1.07275	0.00141784	0.532353	-1.87845	0.0005735	0.482991	-2.07043	0.634384	0.936692	-1.06759	0.031323	0.708358	-1.41172	0.043293	0.728099	-1.37344	0.299892	1.15795	1.15795	0.344955	1.14201	1.14201	0.0137826	0.659944	-1.51528	7.58727	2.23929	0.262345	1
cg21649005	ZZEF1	0.00520305	0.840603	0.952493	-1.04988	0.00184077	0.343303	-2.91288	0.790078	1.06661	1.06661	0.769127	1.07373	1.07373	0.0916318	0.638308	-1.56664	0.000374998	0.252913	-3.95394	0.935743	0.9807	-1.01968	0.518637	0.853716	-1.17135	0.00541596	0.412844	-2.42222	7.24985	6.7079	0.822441	1
cg18943946	ZZEF1	0.00809776	0.453161	0.88829	-1.12576	0.263688	0.834763	-1.19794	0.267445	0.836043	-1.19611	0.00874031	0.595833	-1.67832	0.00519407	0.564523	-1.77141	0.00156036	0.494251	-2.02326	0.627798	0.927065	-1.07867	0.0215677	1.53385	1.53385	0.970174	1.00581	1.00581	6.31994	2.40501	0.338261	1
cg09917783	ZZEF1	0.0108404	0.568524	0.863449	-1.15815	0.0614152	1.71058	1.71058	0.395996	1.24787	1.24787	0.651388	1.12285	1.12285	0.000729503	0.270276	-3.69993	0.791863	1.0697	1.0697	0.00865894	2.34558	2.34558	0.413213	1.23752	1.23752	0.97987	0.993593	-1.00645	5.75957	5.91975	0.91361	1
cg02459389	ZZEF1	0.0186721	0.0463637	0.421259	-2.37384	0.122079	0.530014	-1.88674	0.115222	0.522669	-1.91326	0.0320905	0.386279	-2.5888	0.00232994	0.199786	-5.00537	0.00275486	0.209113	-4.7821	0.107327	0.513824	-1.94619	0.511957	0.777259	-1.28657	0.0303833	0.381321	-2.62246	4.81529	10.9457	2.02055	1
cg21734707	ZZEF1	0.021256	0.00306402	4.9653	4.9653	0.0267632	2.82083	2.82083	0.143754	1.86032	1.86032	0.065643	2.26236	2.26236	0.677905	1.17945	1.17945	0.0782471	2.16651	2.16651	0.0278534	2.79311	2.79311	0.00434162	4.50974	4.50974	0.0497233	2.42207	2.42207	4.60791	11.3972	2.19857	1
cg21851534	ZZEF1	0.0250012	0.102354	3.18829	3.18829	0.00377392	12.6186	12.6186	0.0338724	4.98612	4.98612	0.134194	2.85078	2.85078	0.74471	0.809026	-1.23605	0.657354	1.33583	1.33583	0.00566656	10.5293	10.5293	0.0295695	5.26781	5.26781	0.0677336	3.77083	3.77083	4.35716	29.031	5.92251	1
cg01175039	DCUN1D2	0.0500023	0.145333	0.685553	-1.45868	0.0158449	2.04108	2.04108	0.00867443	2.24271	2.24271	0.796903	0.939634	-1.06424	0.218167	1.36715	1.36715	0.436589	1.2112	1.2112	0.164582	1.43045	1.43045	0.507449	1.17627	1.17627	0.240958	0.743513	-1.34497	3.38807	3.12774	0.820589	1
cg04223548	FGF9	0.050003	0.134894	0.587061	-1.7034	0.0265905	2.38336	2.38336	0.667815	1.15335	1.15335	0.476853	1.27001	1.27001	0.632215	1.17275	1.17275	0.113273	1.76741	1.76741	0.0110139	0.348571	-2.86886	0.176893	1.60695	1.60695	0.376443	1.34977	1.34977	3.38805	5.85967	1.53734	1
cg00231771	C6orf127	0.0500031	0.0936253	0.43882	-2.27884	0.0160401	0.268036	-3.73085	0.0561619	0.380532	-2.6279	0.222003	0.56363	-1.77421	0.0509485	0.370384	-2.6999	0.0429284	0.353199	-2.83127	0.0107828	0.239109	-4.1822	0.0239642	0.300236	-3.33072	0.362066	0.658037	-1.51967	3.38805	10.7077	2.80927	1
cg16499645	VPS28;NFKBIL2;VPS28	0.0500047	0.0236078	0.164573	-6.07633	0.106438	0.308233	-3.2443	0.502552	0.63491	-1.57503	0.523906	1.5391	1.5391	0.0596514	0.241975	-4.13265	0.813761	0.854239	-1.17063	0.0701699	0.258867	-3.86299	0.00911925	0.109545	-9.12865	0.0249189	0.168344	-5.94022	3.38801	23.9144	6.27426	1
cg26952925	ADCY9	0.0500051	0.928833	1.03057	1.03057	0.550586	0.815836	-1.22574	0.88118	0.950837	-1.05171	?	?	?	0.28414	0.687272	-1.45503	0.0779832	0.516802	-1.93498	0.00241295	0.240679	-4.15491	0.027361	0.414862	-2.41044	0.737111	0.892657	-1.12025	3.43797	5.49827	1.59928	1
cg16524589	MTCP1NB;MTCP1	0.0500056	0.0161174	0.269169	-3.71513	0.0780481	0.417806	-2.39345	0.036854	0.339346	-2.94685	0.289087	0.612311	-1.63316	0.0464841	0.361881	-2.76334	0.0954364	0.441974	-2.26258	0.175813	0.526441	-1.89955	0.780634	1.13252	1.13252	0.00758801	0.216401	-4.62106	3.38799	10.6611	2.7971	1
cg05582585	DCTN4;DCTN4;DCTN4	0.0500094	0.367974	0.806532	-1.23988	0.746155	1.07845	1.07845	0.715146	0.918308	-1.08896	0.001365	2.94614	2.94614	0.715547	0.918424	-1.08882	0.18958	1.38138	1.38138	0.156135	1.42299	1.42299	0.354258	1.24807	1.24807	0.196305	1.37394	1.37394	3.38789	2.90076	0.76108	1
cg26185836	SLC2A1	0.0500098	0.0279317	0.563747	-1.77385	0.063794	0.631419	-1.58373	0.693467	1.09135	1.09135	0.215077	0.749794	-1.3337	0.512639	0.863705	-1.1578	0.261838	0.772453	-1.29458	0.0620946	1.58961	1.58961	0.0347631	1.72121	1.72121	0.391209	1.21392	1.21392	3.38788	2.61259	0.685474	1
cg26154342	PLXNC1	0.0500119	0.629905	0.947551	-1.05535	0.00735939	1.4671	1.4671	0.00914181	1.44395	1.44395	0.466043	0.920985	-1.08579	0.0400153	1.30129	1.30129	0.898804	1.01422	1.01422	0.947184	1.00738	1.00738	0.492551	1.08041	1.08041	0.82454	0.975662	-1.02495	3.38782	0.660633	0.173335	1
cg10392840	ADAR	0.0500119	0.233747	0.810568	-1.2337	0.0943038	1.36265	1.36265	0.0566069	1.4377	1.4377	0.224157	0.806682	-1.23965	0.863077	1.02947	1.02947	0.952496	1.01007	1.01007	0.00575271	0.54395	-1.8384	0.40661	1.15353	1.15353	0.413448	1.15103	1.15103	3.38782	1.51859	0.398444	1
cg26391350	GAD1;GAD1	0.0500124	0.160816	0.868885	-1.1509	0.457021	0.931399	-1.07365	0.0070449	1.38656	1.38656	0.946624	0.993738	-1.0063	0.396591	0.921779	-1.08486	0.245123	1.12083	1.12083	0.251227	1.11905	1.11905	0.993308	0.999213	-1.00079	0.0149493	1.32414	1.32414	3.38781	0.472346	0.123933	1
cg18708252	CBX7	0.050013	0.725513	0.915054	-1.09283	0.166889	1.44936	1.44936	0.232472	0.729548	-1.37071	0.893886	1.03418	1.03418	0.0845784	0.618526	-1.61675	0.0650638	0.593537	-1.68482	0.176287	0.696244	-1.43628	0.0278994	1.92381	1.92381	0.0470387	1.77254	1.77254	3.38779	3.40288	0.892848	1
cg05973317	PTP4A3;PTP4A3	0.0500136	0.37212	0.771944	-1.29543	0.499567	1.21361	1.21361	0.0120715	0.413081	-2.42083	0.229943	0.700609	-1.42733	0.0101028	0.399806	-2.50121	0.584392	0.855533	-1.16886	0.0400552	0.511577	-1.95474	0.182009	0.670222	-1.49204	0.0274081	0.47852	-2.08978	3.38778	4.28129	1.12333	1
cg21648457	SLC25A44	0.0500136	0.595394	0.802121	-1.24669	0.02832	0.344714	-2.90096	0.0455855	0.389409	-2.568	0.657131	1.20176	1.20176	0.909255	1.04803	1.04803	0.69524	0.850464	-1.17583	0.00595162	0.227734	-4.39108	0.655935	0.831534	-1.2026	0.0180123	0.306595	-3.26163	3.38778	9.08126	2.38275	1
cg25983544	PSMA8;PSMA8;PSMA8	0.0500168	0.265662	1.82491	1.82491	0.134699	2.30792	2.30792	0.530302	1.39052	1.39052	0.300851	1.74359	1.74359	0.00641266	0.158971	-6.29045	0.21052	1.98227	1.98227	0.0449212	3.29885	3.29885	0.112486	2.44991	2.44991	0.686113	1.23454	1.23454	3.3877	14.4294	3.7861	1
cg14211977	SRGAP1	0.0500176	0.0134603	0.191066	-5.23379	0.039882	0.276643	-3.61477	0.364199	0.603859	-1.65602	0.986609	1.00912	1.00912	0.0115151	0.180932	-5.52693	0.740866	0.835664	-1.19665	0.791206	1.15435	1.15435	0.0387849	0.27406	-3.64883	0.0442444	0.286463	-3.49085	3.38768	15.7006	4.11967	1
cg01743501	LRRCC1;LRRCC1	0.0500182	0.185294	0.841723	-1.18804	0.348002	0.888234	-1.12583	0.41454	1.10772	1.10772	0.0279253	0.727151	-1.37523	0.765701	0.964006	-1.03734	0.264145	0.866954	-1.15346	0.00229351	0.592832	-1.68682	0.413494	0.902536	-1.10799	0.45063	1.09887	1.09887	3.38766	0.807251	0.211815	1
cg02255511	GPR128	0.0500183	0.707928	0.92257	-1.08393	0.230946	1.30878	1.30878	0.0169464	0.535976	-1.86576	0.0246487	0.563836	-1.77356	0.554689	1.13651	1.13651	0.225724	1.31316	1.31316	0.301282	1.25778	1.25778	0.424574	1.19081	1.19081	0.0463423	0.61341	-1.63023	3.38766	2.46035	0.645572	1
cg21783442	TIMM17A	0.0500197	0.184633	0.315957	-3.16499	0.857456	0.863107	-1.1586	0.0573383	0.17204	-5.81261	0.660767	0.696559	-1.43563	0.975867	1.02508	1.02508	0.0664526	0.18538	-5.39433	0.00272263	0.0337379	-29.6403	0.0560968	0.170059	-5.8803	0.050554	0.161296	-6.19978	3.38762	35.9721	9.43884	1
cg13436632	CACNA1B	0.0500222	0.653876	1.31292	1.31292	0.101434	2.94996	2.94996	0.00484332	9.52447	9.52447	0.532103	0.682662	-1.46485	0.070949	0.296122	-3.37698	0.409683	0.601328	-1.66298	0.10987	0.349486	-2.86135	0.913473	0.936538	-1.06776	0.682925	0.780562	-1.28113	3.38756	19.5225	5.12266	1
cg07289581	MRPS35	0.0500242	0.0895158	1.2349	1.2349	0.0421451	1.30195	1.30195	0.0958326	0.813704	-1.22895	0.233478	1.15118	1.15118	0.174052	0.849608	-1.17701	0.00748384	1.47411	1.47411	0.763751	1.03456	1.03456	0.563754	1.06799	1.06799	0.752474	1.0363	1.0363	3.38751	0.681502	0.178827	1
ch.17.254251R	KIAA0753	0.0500265	0.656026	0.802562	-1.24601	?	?	?	0.283105	0.578582	-1.72836	0.322805	1.65048	1.65048	0.674813	0.812999	-1.23001	0.00419471	6.56456	6.56456	0.0872799	0.396026	-2.52509	0.188053	0.504403	-1.98254	0.516769	0.724325	-1.3806	3.4374	11.6487	3.3888	1
cg06087498	TCF25	0.0500277	0.138221	0.657327	-1.52131	0.714479	0.90793	-1.10141	0.00409429	2.75272	2.75272	0.0793415	1.6686	1.6686	0.236715	1.38527	1.38527	0.102302	0.624998	-1.6	0.84538	1.05266	1.05266	0.857537	1.04837	1.04837	0.63911	0.883239	-1.1322	3.38742	3.70724	0.972813	1
cg14595003	TRH	0.0500291	0.0514184	23.1269	23.1269	0.0322573	34.8655	34.8655	0.0743781	16.705	16.705	0.0982742	13.0433	13.0433	0.0541486	22.0981	22.0981	0.184915	7.32628	7.32628	0.00665068	146.644	146.644	0.0182602	57.8438	57.8438	0.179336	7.53965	7.53965	3.38738	107.619	28.2405	1
cg17794261	ZNF688;ZNF688	0.0500299	0.102942	0.821738	-1.21693	0.31493	0.891937	-1.12116	0.087163	0.81232	-1.23104	0.176835	0.853858	-1.17115	0.476297	1.08297	1.08297	0.65354	1.05098	1.05098	0.0023568	0.626929	-1.59508	0.0718012	0.801553	-1.24758	0.931977	1.00944	1.00944	3.38736	0.649739	0.1705	1
cg01454153	CYP2F1	0.0500305	0.0122923	0.176758	-5.65714	0.0108758	0.168758	-5.92563	0.331961	0.559163	-1.78839	0.50305	0.685426	-1.45895	0.0561143	0.300495	-3.32784	0.056528	0.301258	-3.31942	0.0315312	0.246238	-4.06111	0.0464658	0.281552	-3.55174	0.875126	0.91631	-1.09133	3.38734	16.5698	4.34815	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	Ratio(1057 vs. N)	Fold-Change(1-vs-111TN)	Ratio(1117 vs. N)	Fold-Change(1-vs-112TN)	Ratio(1127 vs. N)	Fold-Change(1-vs-121TN)	Ratio(1217 vs. N)	Fold-Change(1-vs-217TN)	p-value(3477 vs. N)	Fold-Change(3-vs-353TN)	Ratio(3537 vs. N)	Fold-Change(5-vs-537TN)	Ratio(5377 vs. N)	Fold-Change(5-vs-563TN)	Ratio(5637 vs. N)	Fold-Change(6-vs-637TN)	F(Test)	SS(Test)	SS(Error)	df
cg07302722	BEX1	0.05000313	0.011353	-2.02132	-2.56823	2.460177	0.618585	-1.61633	0.2257034	0.4443784	2.225335	0.7876566	0.8415645	-1.18815	0.01543378	0.149917	-6.67038	0.0441941	0.228516	-4.37607	0.00941272	0.122215	-8.18227	0.15508	0.5739467	-2.64224	0.146925	0.3700887	0.700287	0.382732	21.875	5.74035	1
cg13176457	KIF13A;KIF13A;KIF13A;KIF13A	0.0500317	0.495574	2.21919	0.827451	0.939392	-1.06452	0.449839	1.24676	1.246756	0.2898222	1.36119	1.36119	0.05083335	1.89119	1.89119		0.176067	1.50983	1.509831	0.00165637	3.63036	3.63036	0.0421387	1.95535	1.955335	0.183191	1.498541	1.498541	0.38732	4.440779	1.15484	1
cg06342195	SRCIN1	0.05003524	0.274338	1.54589	1.54589	0.013553	3.22222	3.22222	0.0983221	2.00237	2.00237	0.851191	1.07457	1.07457	0.169987	1.75024	1.75024	0.149082	1.808558	1.808558	0.00398166	4.40447	4.40447	0.0292722	2.67385	2.67385	0.232766	1.614781	1.614781	0.3873	7.86826	2.06478	1
cg07736299	DMRTB1	0.05003525	0.911286	1.02134	1.02134	0.650274	1.0903	1.0903	0.433074	1.164821	1.164821	0.08918317	1.7001142	-1.48624	0.585697	1.109557	1.109557	0.4027797	0.850283	-1.17608	0.00211011	2.26794	2.26794	0.1996824	0.7736636	-1.2926	0.834727	0.961159	-1.04037	0.38729	1.92479	0.3251101	1
cg11409344	RNF219	0.0500331	0.0176448	1.66437	1.664374	0.138886	1.32463	1.32463	0.38963	1.16941	1.16941	0.828115	1.03895	1.03895	0.797715	0.955585	-1.04637	0.0248763	1.60191	1.601911	0.0250841	1.60043	1.60043	0.00843731	1.80937	1.80937	0.553463	1.11113	1.11113	0.38728	1.67082	0.438456	1
cg20024324	KIF13B	0.0500356	0.192931	0.570915	-1.75157	0.360556	1.46575	1.46575	0.439343	0.725538	-1.37829	0.337439	0.668785	-1.49525	0.00123895	0.145467	-6.82373	0.699642	0.854103	-1.17082	0.0653958	0.431126	-2.31951	0.675713	0.8427011	-1.18666	0.874156	0.937557	-1.0666	3.872	8.8775	2.32968	1
cg13171493	POFUT1;PLAGL2;POFUT1	0.0500367	0.000975355	0.233017	-4.29154	0.240791	0.694447	-1.43999	0.485076	0.810052	-1.23449	0.866897	1.05107	1.05107	0.236301	0.69179	-1.44553	0.401114	0.774773	-1.2907	0.158757	0.639368	-1.56404	0.937977	0.9771157	-1.02338	0.539962	1.2023	1.2023	1.38718	4.72977	1.24122	1
cg20956278	SLC16A9	0.0500379	0.0682335	3.44707	3.447071	0.234663	2.12864	2.12864	0.0015447	1.50771	1.50771	0.153435	2.50838	2.50838	0.830317	1.13777	1.13777	0.0199092	5.48717	5.48717	0.0001926	7.3212	7.3212	0.00778112	7.83037	7.83037	0.179541	2.353774	2.353774	0.38715	19.4384	5.09596	1
cg02998018	CAPN1;CAPN1	0.0500393	0.755393	0.903617	1.10566	0.898054	1.00413	0.64813	0.4489391	0.778605	-1.28435	0.6383714	0.515939	-1.93821	0.0029453	0.266024	-3.75906	0.0535368	2.03621	2.036211	0.846115	0.938943	-1.06503	0.2101108	0.651596	-1.53469	0.983356	1.00679	1.00679	0.38712	5.64217	1.48069	1
cg08209743	ARX	0.0500404	0.0779254	0.509377	-1.96318	0.507209	0.793185	-1.26074	0.880619	0.949565	-1.05331	0.974233	1.01118	1.01118	0.845172	1.06964	1.06964	0.355677	0.720964	-1.38703	0.354558	1.38815	1.38815	0.00208893	4.43721	4.43721	0.261552	1.49657	1.49657	0.38709	6.36112	1.66938	1
cg04562443	SPEG	0.0500442	0.157943	1.555564	1.555564	1.806471	1.0539093	1.0539093	0.7123983	0.8603585	1.162184	1.162184	1.177005	1.177005	0.4218898	1.0944005	1.0944005	0.143268	1.643363	1.643363	0.4295123	2.441486	2.441486	0.0496183	1.85182	1.851824	0.0239975	2.124427	2.124427	0.38705	8.231377	2.226407	1
cg04006913	RAB23;RAB23;RAB23	0.0500423	0.600074	1.12105	1.12105	0.828601	0.954251	-1.04794	0.321513	0.801548	-1.24759	0.4256357	0.855303	-1.16918	0.0413585	0.601582	-1.66228	0.1547	1.38956	1.389556	0.0450395	2.20538	2.20538	0.106208	1.46383	1.463831	0.631607	1.10998	1.10998	0.38704	2.50245	0.656739	1
cg08631819	PNDC1	0.0500428	0.291201	1.4806	1.4806	0.452364	0.90204	-1.10766	0.0211112	0.370189	-2.70192	0.7869135	0.907482	-1.10095	0.355574	0.711396	-1.40569	0.0084584	0.302057	-3.3008	0.085402	0.505907	-1.97665	0.0199502	0.347358	-2.87904	0.291138	0.675346	-1.48072	0.38203	0.687997	1.80767	1
cg08830308	MLKL;MLKL	0.0500434	0.00915468	0.127379	-7.85059	0.910707	0.933277	-1.07149	0.432014	0.660994	-1.51287	0.23521	0.460931	-2.16952	0.010993	0.107215	-7.28782	0.0126335	0.145125	-6.89061	0.113418	0.342189	-2.92236	0.118358	0.3480317	-2.87342	0.137196	0.369124	-2.70912	0.38701	20.7893	5.45596	1
cg05105529	SAV1	0.0500476	0.00462213	0.313709	-2.96701	0.0484348	0.521663	-1.91695	0.565381	0.845578	-1.18262	0.373266	0.768138	-1.30185	0.0509414	0.354078	-2.82424	0.602629	0.859341	-1.16368	0.253926	0.7341657	-1.40812	0.427358	0.791459	-1.26349	0.0977045	0.591923	-1.68941	0.38691	4.46769	1.17254	1
cg00017489	DPP6	0.0500484	0.275771	1.2709	1.2709	0.839315	0.956028	-1.04512	0.232691	0.30517	-3.27615	0.559988	0.726144	-1.37714	0.263885	1.20126	1.20126	0.0172476	0.643879	-1.55302	0.0683531	0.6479777	-1.54326	0.33534	0.8094626	-1.23544	0.00570357	0.162926	-6.13692	0.38689	2.16296	0.562809	1
cg19478105	SUT1	0.0500496	0.0379413	0.394392	-2.53555	0.462258	0.748768	-1.33553	0.265078	0.638233	-1.56683	0.589247	1.23461	1.23461	0.0077245	0.266332	-3.75486	0.130693	1.879552	1.87952	0.143601	1.83596	1.83596	0.134926	0.536279	-1.8647	0.453041	0.7441131	-1.34385	0.38685	0.81808	2.10437	1
cg15185479	HSPA1A;HSPA1L	0.0500506	0.422364	0.769744	-1.29913	0.72342	1.70357	1.70357	0.0628747	1.95045	1.95045	0.499886	0.782088	-1.27864	0.314737	1.393934	1.393934	0.163831	1.6069	1.6069	0.1121518	1.73591	1.73591	0.00277797	3.73121	3.73121	0.858606	1.094664	1.094664	-1.05858	1.38683	5.4664	1.449468	1
cg10329345	RNF220	0.0500506	0.03344401	1.152375	1.152375	0.007194087	4.77271	4.77271	0.877268	1.47971	1.47971	0.103819	1.68233	1.68233	0.0629331	2.002953	2.002953	0.4486422	1.222616	1.222616	0.2522128	1.914597	1.914597	0.0134225	2.318996	2.318996	0.3101591	1.508861	1.508861	0.3450202	1.945597	0.675145	13.7876	1
cg10474284	GPR180	0.0500508	0.0816586	0.6901	-1.44906	0.0119994	1.82643	1.82643	0.367149	1.19492	1.19492	0.193869	1.30243	1.30243	0.0384643	0.630691	-1.58556	0.186395	0.763946	-1.30899	0.589836	0.900675	-1.11028	0.347248	0.8302424	-1.20447	0.340183	0.827829	-1.20798	0.38682	1.9819	0.52016	1
cg00958208	PLXNA2	0.0500511	0.591731	1.692415	-1.09348	0.5537348	1.926393	1.926393	0.1882083	1.400918	1.400918	0.1400128	1.804832	1.804832	0.0044005	0.553904	-1.80548	0.807386	1.03508	1.035084	0.493233	0.906854	-1.10322	0.647927	1.1006	1.06706	0.22272	1.19828	1.19828	1.08682	1.06996	0.280582	1
cg06730718	PAPD5;PAPD5	0.0500529	0.28707	0.684019	-1.46195	0.7779667	1.95988	1.95988	0.665249	1.19618	1.19618	0.651031	1.16934	1.16934	0.0413586	0.630636	-1.58603	0.0990856	1.86115	1.861151	0.0511868	1.46633	1.46633	0.0425759	2.23034	2.230334	0.409233	0.748291	-1.33638	0.38677	6.33096	1.66162	1
cg00137846	TBC1D28	0.0500531	0.291517	1.29285	1.29285	0.7134522	1.311567	1.311567	0.2773533	1.127353	1.127353	0.3013861	1.10019	1.10019	0.0429394	0.988468	-1.01173	0.1771066	1.81755	1.817551	0.0519374	1.84011	1.84011	0.0425435	2.12015	2.120151	0.4107253	0.919619	-1.08741	0.9437358	0.9908806	-1.00908	0.2803582	1
cg18606242	PFAS;C17orf68	0.0500549	0.00878076	0.546482	-1.82989	0.422111	0.862027	-1.16006	0.0875186	1.46707	1.46707	0.86029	0.968607	-1.03241	0.0369374	0.155073	-6.44753	0.458119	1.14659	1.146593	0.146714	1.32579	1.32579	0.442694	0.867869	-1.15225	0.354642	0.841634	-1.18816	0.38672	1.75831	0.461493	1
cg02133557	DIDO1;DIDO1;DIDO1	0.050055	0.356459	1.50408	1.50408	0.163758	1.683348	1.683348	0.0210899	3.2995	3.2995	0.702024	1.17991	1.17991	0.140015	0.513761	-1.94643	0.738524	0.865734	-1.15509	0.435992	1.40779	1.40779	0.0043479	5.14526	5.14526	0.126004	2.03904	2.03904	0.38671	9.93454	2.60746	1
cg16428357	FER1L4	0.0500553	0.0513782	5.8072	5.8072	0.164338	0.857353	-1.16638	0.1484887	1.14293	1.14293	0.0275864	1.64536	1.64536	0.0135772	2.395421	2.395421	0.1413449	3.52857	3.528567	0.236442	2.68852	2.68852	0.0284574	4.43759	4.437759	0.0353785	1.705056	1.705056	0.38672	34.0872	8.94666	1
cg15632825	RGPD3	0.0500554	0.87139	1.02517	1.02517	0.643048	1.07423	1.07423	0.563707	0.914339	-1.09369	0.439909	0.886164	-1.12846	0.638544	1.07529	1.07529	0.781884	0.958311	-1.0435	0.0015948	2.00375	2.00375	0.0862988	0.747702	-1.33743	0.595733	0.92113	-1.08562	0.3867	1.26264	0.331399	1
cg07104773	CDK8A;CDK8A	0.0500592	0.368093	1.31005	1.31005	0.2728447	1.58627	1.58627	0.1918317	0.67174	0.67174	0.2714	0.516898	0.516898	0.3725316	1.31046	1.31046	0.0849063	2.92046	2.92046	0.0044222	3.31046	3.31046	0.0520307	3.83921	3.839211	0.1672322	1.970506	1.970506	0.38663	1.64661	2.1388	0.568611	1
cg16270504	GTF2H5;GTF2H5	0.0500603	0.751893	1.922087	-1.0845	0.647066	0.887786	-1.12513	0.0846524	1.62865	1.62865	0.794271	1.06912	1.06912	0.0027409	0.347375	2.87873	0.124789	1.653773	1.529858	0.20125	1.41225	1.41225	0.524594	1.17929	1.17929	0.846499	0.95164	-1.05082	1.38658	1.50837	0.920857	1
cg02262585	TESK1	0.050064	0.219102	0.780775	-1.28078	0.393841	0.846	-1.18203	0.19933	0.771135	-1.29649	0.10753	1.39978	1.39978	0.851995	0.964689	-1.03641	0.514067	0.880996	-1.13508	0.00911277	1.88581	1.88581	0.0923485	0.70138	-1.42576	0.0705501	0.678882	-1.47301	0.38648	1.96639	0.516141	1
cg22621313	HOXA7	0.0500643	0.46039	0.722802	-1.38315	0.7799669	1.373969	1.373969	0.2800204	0.916876	0.916876	0.9155952	1.10757	1.10757	0.1534635	0.550158	-1.81752	0.382807	0.749642	-1.33405	0.1234047	1.475	1.475	0.0301171	2.134	2.134	0.1730197	1.314548	1.314548	0.0018121	6.78655	6.726355	1.44004	0.224585	1
cg14546815	SLC4A9	0.0500666	0.0393654	0.730083	-1.36971	0.0199755	1.512552	1.512552	0.679792	1.05631	1.05631	0.589535	1.07454	1.07454	0.075427	0.770431	-1.29797	0.0360757	0.724872	-1.37955	0.611573	0.934641	-1.06993	0.440075	0.901294	-1.10952	0.781947	0.964042	-1.0373	0.38641	0.934291	0.245239	1
cg07149204	CCNA1;CCNA1;CCNA1;CCNA1	0.0500683	0.0673178	0.623485	-1.60413	0.0425442	1.389458	1.389458	0.4132007	1.374392	1.374392	0.4940131	1.25197	1.25197	0.0203078	0.810364	-1.23396	0.1772666	1.81755	1.817551	0.0510728	1.226612	1.226612	0.4412841	0.8948464	1.117603	0.7231555	0.813455	1.229	1.229	1.08695	0.840822	1.37	1
cg26280040	AMOTL2	0.0500712	0.0331055	1.364365	-2.7445	0.874513	0.937961	-1.06614	0.856933	0.92948	-1.07587	0.985838	0.992833	-1.00722	0.0043404	0.213386	-4.68634	0.130932	0.516374	-1.93658	0.128561	1.9458	1.9458	0.363047	1.46057	1.46057	0.260804	0.621717	1.60845	1.3863	1.80737	2.3119	1
cg15442737	TRAPPC9;TRAPPC9	0.050072	0.0258139	0.0946459	-10.5653	0.0138262	0.0665378	-15.0291	0.0306695	0.104186	-9.59821	0.227282	0.323348	-3.09264	0.0320649	0.106794	-9.36384	0.131966	0.234986	-4.25558	0.0241152	0.0913236	-10.9501	0.0413021	0.12288	-8.13804	0.133725	0.236772	-4.22347	0.38628	42.5509	11.1691	1
cg22946066	TRMT11	0.0500721	0.3688242	1.3499	1.3499	0.644338	0.857353	-1.16638	0.1484887	1.14293	1.14293	0.0275864	1.64536	1.64536	0.0135772	2.395421	2.395421	0.201654	0.640701	-1.56064	0.2364642	2.68852	2.68852	0.0284574	4.43759	4.437759	0.0353785	1.705056	1.705056	0.38672	5.84413	1.53412	1
cg09335991	NRP1;NRP1;NRP1	0.0500723	0.35078	0.855519	-1.16888	0.0204171	0.635057	-1.57466	0.00596012	0.557545	-1.79358	0.647175	0.927856	-1.07775	0.891764	1.02237	1.02237	0.254554	0.824231	-1.21325	0.0807844	1.36976	1.36976	0.630354	0.924237	-1.08197	0.10327	0.748596	-1.33583	0.38627	1.41597	0.371688	1
cg00712593	CACNA2D1	0.0500727	0.735244	1.359963	-1.36276	0.7216	1.35676	1.35676	0.1458799	1.32664	1.32664	0.8834418	1.02738	1.02738	0.2165803	1.31863	1.31863	0.0816353	1.74538	1.745381	0.0037299	2.09604	2.09604	0.0044222	3.01104	3.011044	0.8778568	1.02844	1.02844	1.08626	1.07804	0.468833	1
cg14501977	CCDC92	0.0500729	0.602867	0.723909	-1.38139	0.220456	0.447037	-2.23695	0.8147763	0.863575	-1.15798	0.0344808	0.67004	0.67004	0.0991979	0.323169	-3.09456	0.851709	0.886525	-1.12407	0.29591	0.50795	-1.96817	0.0276855	0.3984	-2.50975	0.0155691	0.1685	-5.93705	0.38626	3.84413	0.995403	1
cg16970357	PAX6;PAX6;PAX6	0.0500732	0.113575	1.79168	1.79168	0.00599068	3.37575	3.37575	0.149357	1.68817	1.68817	0.207985	1.56777	1.56777	0.0558614	2.08278	2.08278	0.64134	1.17222	1.17222	0.0261194	2.44483	2.44483	0.0303557	2.36823	2.36823	0.0298347	2.37692	2.37692	1.38625	6.15246	1.61502	1
cg08421126	HAAO	0.0500743	0.1042321	1.97007	1.97007	0.2723647	1.78376	1.78376	0.1657675	1.32557	1.32557	0.1572613	1.24424	1.24424	0.195509	0.803576	-1.24475	0.0506296	1.51703	1.517032	0.1464539	1.33502	1.33502	0.0464139	1.84477	1.844773	0.0231889	0.622284	1.60664	1.3863	1.08683	1.08683	0.468833	1
cg23547143	ARSD	0.0500742	0.00872261	0.6749259	-13.3465	0.0254305	0.275	-7.84311	0.0852858	0.228738	-4.37181	0.0787564	0.220063	-4.54414	0.18901	0.33993	-2.94178	0.059329	0.109115	-5.21065	0.0313396	0.0321109	-10.8565	0.319786	0.450589	-2.21932	0.0616022	0.195425	-5.11705	0.38622	32.2462	8.46467	1
cg02572755	SPIS14;ARMC6;ARMC6;SPIS14	0.0500744	0.0446504	1.6046	1.6046	0.109114	1.82616	1.82616	0.2802587	1.23538	1.23538	0.1966852	1.42158	1.42158	0.0167267	2.169323	2.169323	0.1711967	2.44535	2.445351	0.0430997	2.408764	2.408764	0.0188931	2.644644	2.644644	0.4488366	1.847415	1.847415	0.38622	3.68779762	1	
cg02102620	DPAGT1 ;MADD;MADD;MADD;MADD;MADD;M ;MCF2;MCF2;MCF2;MCF2;MCF2	0.0500775	0.552278	1.08991	1.08991	0.357467	1.14512	1.14512	0.261648	1.18248	1.18248	0.0717688	0.749871	-1.33356	0.827732	1.0317	1.0317	0.17985	1.22626	1.22626	0.00294048	0.55721	-1.79465	0.891238	1.01978	1.01978	0.544942	1.09169	1.09169	0.38614	1.09956	0.288643	1
cg26365553	ADD;MADD;MADD;MADD;MADD	0.0500776	0.248157	0.690648	-1.44792	0.752804	0.90768	-1.10171	0.0209711	0.426775	-2.34315	0.270736	0.703594	-1.42107	0.0144204	0.307873	-3.2481	0.898162	0.961505	-1.04004	0.959973	0.984731	-1.01551	0.11833	1.68177	1.68177	0.547317	1.20527	1.20527	1.38613	5.04061	1.3232	1
cg19050484	EXOC3	0.0500787	0.451529	0.696582	-1.43558	0.374534	0.650743	-1.53671	0.0591227	0.366238	-2.73046	0.0302146	0.30083	-3.32413	0.0028154	0.143741	-6.95696	0.0277507	0.293387	-3.40847	0.48132	0.73163	-1.40129	0.575663	0.766009	-1.30547	0.0971165	0.423897	-2.35907	0.3861	1.91156	3.12797	1
cg19419328	CALY	0.0500791	0.131928	0.616744	-1.62156	0.4044443	0.778822	-1.28399	0.8143034	0.903434	-1.10703	0.4618327	0.904343	-1.10503	0.0004004	0.140966	-7.09498	0.0145553	0.678464	-1.4747	0.0036384	0.0884106	-11.3106	0.953547	0.9925509	-1.00755	0.578369	1.075516	1.0755	1.08494	0.234553	1
cg07944936	SOBP	0.050081	0.005511	0.166497	-6.06441	0.0183713	0.385034	-2.59718	0.704714	0.828533	-1.20695	0.959394	1.02547	1.02547	0.0063958	0.172772	-5.78797	0.640563	0.796046	-1.25604	0.5918439	0.990565	1.0058	1.0058	0.0936003	0.402112	-2.48687	0.38603	13.0893	3.43615	1
cg08285512	ACTN1;ACTN1;ACTN1	0.0500828	0.185157	0.80889	-1.23626	0.297827	0.849603	-1.1777	0.624574	0.658065	-1.51776	0.2869987	1.38029	1.38029	0.0049341	0.560524	-1.78405	0.279845	1.19519	1.19519	0.894463	0.9881652	-1.01023	0.8504441	0.9681552	-1.03291	0.3704242	0.816917	-1.22411	0.3861	1.21646	0.324671	1
cg24315237	NTRK4;PLEKHA2	0.0500832	0.44128	1.3441	1.3441	0.00955045	0.291507	-3.44045	0.138069	0.549778	-1.81892	0.8541661	0.913231	-1.07155	0.6797741	1.16871	1.16871	0.1003006	1.96633	1.96633	0.0148396	2.52769	2.52769	0.7363129	0.9620987	-1.10744	0.171277	0.870343	1.14897	1.38599	7.56392	1.93858	1
cg16990009	GTF2H4	0.0500834	0.545384	0.841402	-1.18849	0.0201135	0.292424	-3.41969	0.205125	0.685758	-1.45824	0.689063	0.89271	-1.12018	0.782602	1.08118	1.08118	0.940877	1.02115	1.02115	0.63891	0.875153	-1.14266	0.855697	1.05271	1.05271	0.1035028	0.421988	-2.36973	1.38598	2.49844	1.1209	1
cg07342601	H19;MIR675	0.0500844	0.0184448	1.6046	1.6046	0.109114	1.82616	1.82616	0.2802587	1.23538	1.23538	0.1966852	1.42158	1.42158	0.0167267	2.169323	2.169323	0.2048	0.700803	-1.42707	0.1133869	1.32309	1.32309	0.0151028	1.55273	1.55273	0.0847736	0.670312	-1.49029	0.00650762	0.147704	-6.76993	0.38616	2.03703	1
cg05532204	DAXX;DAXX;DAXX;DAXX ;MCF2;MCF2;MCF2;MCF2;MCF2	0.0500835	0.690145	0.960924	-1.04067	0.1444294	1.36328	1.36328	0.0660514	0.811657	-1.23205	0.246224	0.885713	-1.12903	0.69211	0.961183	-1.04038	0.786705	1.02733	1.027333	0.0213819	0.753512	-1.33712	0.0464402	0.793257	-1.26063	0.711851	0.963772	-1.03759	3.67417	0.562753	0.119128	1
cg04871330	2	0.0500839	0.00679266	0.0722273	-13.8452	0.420509	0.552601	-1.80963	0.784361	0.821098	-1.21788	7	7	7	7	7	7	0.110276	3.55051	3.55051	0.166001	0.3442421	-2.92038	0.424667	1.7996	1.7996	7	7	7	3.863222	20.6055	6.22274	1
cg19035199	KCNQ1;KCNQ1	0.0500853	0.055532	1.904564	1.904564	0.4004444	0.749938	-1.33349	0.8143034	0.903434	-1.10703	0.4618327	0.904343	-1.10503	0.0004004	0.140966	-7.09498	0.0145553	0.678464	-1.4747	0.0036384	0.0884106	-11.3106	0.953547	0.9925509	-1.00755	0.578369	1.075516	1.0755	1.08494	0.234553	1
cg20325517	JRK;JRKL;CCDC82	0.050085	0.99803	0.999287	-1.00071	0.983314	1.00606	1.00606	0.0342168	2.0411	2.0411	0.060985	1.84005	1.84005	0.726149	0.903441	-1.10688	0.287674	0.727035	-1.37545	0.0620461	1.36485	1.36485	0.025045	2.8023	2.80235	0.1300495	0.748098	-1.33672	0.680281	1.12711	1.12711	1.38594	4.47178	1.17395	1
cg22862441	GRID2IP	0.0500857	0.0161758	0.515552	-1.93938	0.0974993	0.644443	1.55252	0.0170426	0.378833	-2.63998	0.0756256	0.31786	-3.14683	0.0180304	-1.23762	0.0061192	0.464943	0.647427	1.54457	0.0479949	0.760801	1.31656	0.0064642	0.2475552	0.7649949	-1.29879	0.232703	0.4301	1.13209	0.5822939	0.8169217	1.22411	0.3861	2.32169	0.601283	1
cg08011535	TOX2;TOX2;TOX2;TOX2;TOX2	0.0500864	0.461461	2.203197	2.20319	0.0197478	0.0514941	-19.4197	0.205352	0.4868	4.0868	0.164444	4.77245	4.77245	0.12492	5.7551	5.7551	0.41379	2.41149	2.41149	0.0179919	20.6648	20.6648	0.948972	1.06976	1.06976	0.0398979	12.2136	12.2136	1.38591	91.5281	15.6277	1
cg19335617	C7orf58;C7orf58	0.050088	0.0169078	0.164253	-6.08816	0.097771	0.234789	-4.25914	0.259723	0.416345	-2.40185	0.373157	0.505918	-1.97661	0.0138419	0.103626	-9.65004	0.111604	0.274862	-3.63819	0.0105534	0.090102	-10.9972	0.0231984	0.132309	-7.55806	0.0563881	0.199862	-5.00345	0.38587	20.7865	7.81982	1
cg14689919	SLC17A9;SLC17A9	0.0500888	0.1133	1.50402	1.50402	0.1185595	1.5274	1.5274	0.1454329	1.69095	1.69095	0.2826653	1.72436	1.72436	0.0383452	2.529941	2.529941	0.17612	1.68791	1.68791	0.0112802	2.73459	2.73459	0.0249326	2.44906	2.449061	0.4460767	1.70627	1.70627	1.38587	9.9453	2.61093	1
cg25995980	GPRIN2	0.0500887	0.0874648	2.92787	2.92787	0.0525846	3.50738	3.50738	0.0804891	3.01598	3.01598	0.199828	2.16243	2.16243	0.519431	1.45044	1.45044	0.138499	2.47966	2.47966	0.00652963	7.48109	7.48109	0.0163088	5.32429	5.32429	0.0234795	2.66929	2.66929	4.66029	3.38585	17.3871	4.56464	1
cg19109050	OBSCN;OBSCN	0.0500894	0.0864593	1.95

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg08886823	ESRP2	0.0501504	0.533194	1.58387	-1.89083	2.224694	3.59945	1.59945	0.191044	4.01622	0.080013	7.03168	0.01915	6.604575	0.156181	4.5882	4.5882	5.212261	1.73319	3.73319	0.031956	41.9271	0.0184481	17.6496	1.38426	54.059	14.1988	1
cg02298570	ZNF555	0.0501511	0.953257	1.00717	1.00717	0.00494026	0.635276	-1.57412	0.68209	0.955104	-1.05147	0.441986	1.10025	1.10025	0.357593	1.12221	1.12221	0.05285	0.258339	1.30759	1.30759	0.29052	0.087468	-1.14303	0.0650607	0.77269	-1.29418	0.682864	1.05134	1.05134	0.38424	0.796046	0.209085	1
cg00497172	PEAR1	0.0501522	0.0208003	0.403895	-2.47589	0.0349579	0.449029	-2.22703	0.134069	0.590711	-1.69288	0.791492	0.917293	-1.09016	0.0183785	0.393722	-2.53986	0.0153556	0.379321	-2.63629	0.28495	0.696374	-1.43601	0.0240987	0.416274	-2.40226	0.675591	0.871859	-1.14697	0.38422	0.58969	1.49444	1
cg25212262	POLS	0.0501528	0.820731	0.938001	-1.06609	0.41386	1.26615	1.26615	0.00547148	0.340662	-2.93546	0.951307	0.298911	-1.01737	?	?	?	?	0.073935	0.497832	-2.00871	0.122479	1.61243	1.61243	0.437163	1.25123	1.25123	0.682728	1.12294	1.12294	0.72103	0.470557	0.958371	1
cg12598020	PDGFRB	0.0501544	0.127031	0.287905	-3.47336	0.0932651	0.248339	-4.02675	0.271647	2.37115	0.421038	0.537883	-1.85914	0.0435502	0.173602	-5.76031		0.069478	0.216108	-4.62731	0.00456394	0.0578604	-17.283	0.0636487	0.207392	-4.82178	0.321138	0.46146	-2.16703	1.34616	0.30591	0.81358	1
cg25160075	CYFIP1,CYFIP1	0.0501705	0.990272	-1.00982	0.867948	0.956523	-1.04545	0.0161177	0.455444	-2.19568	0.558496	0.853806	-1.17123	0.0030538	0.338304	-2.95592		0.0707821	0.585155	-1.71481	0.572091	1.16446	1.16446	0.306451	0.753647	-1.32688	0.133913	0.649357	-1.53999	1.34613	1.82436	1.00452	1
cg07369113	GABARAPL1	0.0501559	0.775166	0.950374	-1.05222	0.436137	0.868309	-1.15166	0.491218	1.13233	1.13233	0.00142517	0.440358	-2.27088	0.815459	0.959298	-1.04243		0.339031	0.839325	-1.19143	0.197338	1.27408	1.27408	0.390205	0.855137	-1.1694	0.362508	1.18099	1.18099	0.384212	1.6932	0.444743	1
cg14483117	RPS14,RPS14,RPS14	0.0501567	0.182964	1.29254	1.29254	0.508697	1.11635	1.11635	0.0190136	1.59748	-1.59748	0.660864	0.931069	-1.07403	0.993419	0.99864	-1.00136		0.0111983	1.68941	1.68941	0.363165	0.857114	-1.16671	0.0463452	0.686252	-1.45739	0.943883	1.10168	1.10168	0.3841	1.45877	0.383169	1
cg08429522	BAI3	0.0501568	0.16585	0.705295	-1.41788	0.330052	0.678862	-2.08804	0.0375153	0.5654	-1.76886	0.0411902	0.573213	-1.74455	0.14808	0.693099	0.4279	0.77494	0.934514	-1.07048	0.0238486	0.539674	-1.85297	0.0321599	1.80919	1.80919	0.3841	2.99174	0.78583	1
cg16678925	OR1A2	0.0501581	0.0340128	0.194264	-5.14763	0.0411269	0.21007	-4.76032	0.893318	0.914986	-1.09291	0.112395	0.318393	-3.14078	0.0703533	0.263008	-3.81668		0.0691761	0.26019	-3.84335	0.0119514	0.125335	-7.97863	0.0121403	0.126179	-7.92525	0.154627	0.364652	-2.74234	3.38407	23.4999	6.1727	1
cg08686805	HHIPL1,HHIPL1	0.0501585	0.407253	1.68007	1.68007	0.0311442	0.194343	2.01766	0.0113386	0.910745	-1.092	0.0599247	0.683073	1.34888	0.0887574	1.9468		0.039911	1.76222	1.76222	0.0879955	1.56879	1.56879	0.0139612	-1.02395	0.0842335	0.633994	1.57775	3.38406	3.09038	0.08102	0.801242	1
cg00049894	NOM1	0.0501599	0.540197	1.09151	1.09151	0.235523	1.1919	1.1919	0.0313675	1.42837	1.42837	0.184386	1.21995	1.21995	0.411812	1.08269	-1.1258		0.772693	0.959929	-1.04174	0.00198767	1.85265	1.85265	0.288708	1.16826	1.16826	0.224496	1.19718	1.19718	0.34402	1.0686	0.280692	1
cg13182522	DDX24	0.0501615	0.693656	0.892732	-1.1727	0.0709254	0.444101	-2.26174	0.428278	0.722312	-1.38463	0.195293	0.576253	-1.73535	0.0713586	0.421055	-2.37499	0.0281698	0.932359	-1.82801	0.00201527	0.13727	-5.75637	0.0138784	0.698109	-1.43244	0.15566	0.538943	-1.85548	0.38389	0.83787	2.27975	1
cg23750206	AFAP1;AFAP1	0.0501652	0.0160602	0.153525	-6.51361	0.0295137	0.195942	-5.10354	0.139725	0.363988	-2.74735	0.75605	0.820214	-1.21919	0.0332096	0.205323	-4.87039		0.481715	0.634587	-1.57583	0.00528571	0.0964921	-10.3636	0.0685616	0.771961	-1.2954	0.21184	0.433254	2.30811	3.38388	21.6759	5.6939	1
cg07176146	C1orf212,C1orf212,C1orf212,C1orf212	0.0501669	0.464419	1.1786	1.1786	0.790796	0.943012	-1.06043	0.14764	1.40896	1.40896	0.193473	1.35483	1.35483	0.585566	0.886746	-1.12772		0.0185959	0.532732	-1.87711	0.0110188	0.489165	-2.0443	0.74715	1.07377	1.07377	0.192158	1.35619	1.35619	0.38384	2.61029	0.685689	1
cg08888178	MIER2	0.0501689	0.0212799	0.830946	-1.20345	0.491644	1.04784	1.04784	0.710011	1.0253	1.0253	0.449933	0.9498	-1.05285	0.926408	0.993839	-1.0062		0.916852	1.00701	1.00701	0.0103022	0.805519	-1.24144	0.102817	0.887451	-1.12682	0.0544077	1.15721	1.15721	1.38379	0.23985	0.0630064	1
cg19649564	SLC37A2,SLC37A2	0.0501691	0.144766	0.830569	-1.20394	0.283848	0.629801	-1.5878	0.0550391	2.45238	2.45238	0.310425	0.646899	-1.54584	0.0926875	0.162287	-6.1242		0.967516	0.98328	-1.01696	0.711569	1.16582	1.16582	0.990674	1.05291	1.0529	0.879387	1.10647	1.10647	1.06776	0.70216	2.05527	1
cg09507386	GAMT;GAMT	0.0501694	0.224906	0.582215	-1.71758	0.0132029	0.271688	-3.68069	0.0655309	0.61825	-1.61625	0.2696	0.26	1.2696	0.00368523	0.183604	-5.45282	0.0546003	0.39429	-2.52252	0.2315597	0.587174	-1.70307	0.9217792	0.959185	-1.04255	0.568483	0.783022	-1.2771	1.38578	0.65041	2.55508	1
cg10464462	RFFL	0.0501697	0.429949	0.776911	-1.28715	0.18223	1.55828	1.55828	0.0160826	0.397347	-2.51669	0.0251607	0.434169	-2.30325	0.812789	1.07717	1.07717		0.437054	1.28198	1.28198	0.155335	1.61028	1.61028	0.123587	1.68638	1.68638	0.203399	0.656988	-1.5221	1.38377	5.26096	1.38201	1
cg18699337	KIAA1267	0.0501717	0.998477	1.00047	1.00047	0.0965594	0.629801	-1.58708	0.1633267	0.623197	-1.48766	0.894941	0.967934	-1.03311	0.0265383	0.507289	-1.97042	0.0568067	1.702	1.702	1.702	0.11254	1.0883	1.0883	0.0256692	1.92279	1.92279	0.758258	0.926676	-1.07911	1.38372	3.26101	0.856654	1
cg26289155	LLGL2;LLGL2;LLGL2	0.050172	0.913021	1.034	1.034	0.174458	0.640516	-1.56124	0.00509552	0.322185	-3.10381	0.266056	0.701458	-1.4256	0.0173854	0.412242	-2.42576		0.829735	1.06811	1.06811	0.320749	1.36876	1.36876	0.606027	1.14475	1.14475	0.30408	1.38497	1.38497	1.38373	0.50176	1.31799	1
cg25141181	CAP2B	0.0501722	0.871663	0.944604	-1.05892	0.0975213	0.233099	-4.29002	0.0174857	0.660118	-1.51637	0.0213904	0.506981	-1.81551	0.0175283	0.361339	-2.76703		0.164638	0.592976	-1.68641	0.0147477	0.0936603	-2.16208	0.0313334	0.702363	-1.42376	0.643585	1.32526	1.32526	1.3837	6.08585	1.7496	1
cg26571942	LBH	0.0501727	0.0825256	0.715646	-1.39734	0.437435	1.14776	1.14776	0.514867	0.891456	-1.12176	0.566811	0.71097	1.10597	0.430247	0.869294	-1.15036	0.190516	0.785701	-1.27275	0.00144149	0.448737	-2.22848	0.725056	0.66336	1.06336	0.38046	0.855116	-1.16943	1.38369	1.6221	0.426122	1
cg08122663	NUP153;NUP153	0.0501746	0.0284514	0.652908	-1.53161	0.766627	1.03846	1.03846	0.327132	1.13684	1.13684	0.878043	0.98072	-1.01966	0.0293688	0.722284	-1.3845		0.680802	0.948909	-1.05384	0.0704919	1.29213	1.29213	0.412623	1.11204	1.11204	0.202054	1.18623	1.18623	1.38364	0.861409	0.226294	1
cg14761923	KIAA1530	0.0501753	0.437486	1.15018	1.15018	0.0195836	0.807093	-1.16295	0.0442762	0.554773	-1.80255	0.518123	1.18184	1.18184	0.0113258	0.456899	-2.18924	0.0416008	1.54921	1.54921	0.0268215	1.34065	1.34065	0.0313704	1.47242	1.47242	0.172568	1.29163	0.172758	0.606395	1.44845	3.68624	0.915453	1
cg16175911	TTPI2	0.0501774	0.195071	0.501092	-1.99564	0.44017	0.672409	-1.48719	0.513181	0.715814	-1.39701	0.6917781	0.358768	-2.78732	0.171083	0.479621	-2.08498	0.374399	0.631492	-1.58355	0.000909288	0.0820034	-12.1946	0.344914	0.612344	-1.63307	0.192246	0.498641	-2.00545	1.38557	13.6211	3.57837	1
cg19342094	SGSM2;SGSM2	0.0501782	0.472702	0.891954	-1.12113	0.28864	1.11616	1.11616	0.0033894	1.18916	-1.6958	0.399891	0.872396	-1.14624	0.985623	1.00282	1.00282	0.958938	1.00809	1.00809	1.00809	0.0170299	1.62354	1.62354	0.0286602	1.82034	-1.21873	0.384428	0.808695	1.3133	1.3133	0.345017	1
cg27384587	ATF6B;ATF6B	0.0501795	0.562219	1.05072	1.05072	0.759333	1.02667	1.02667	0.29504	0.905364	-1.10453	0.846482	0.983769	-1.0165	0.0103626	1.31338	1.31338	0.505198	0.944515	-1.05874	0.00757134	1.33647	1.33647	0.350088	0.08459	1.08459	0.0637739	1.19236	1.19236	1.38352	0.381961	0.100346	1
cg14365564	STOM;STOM	0.0501797	0.120747	0.752541	-1.32883	0.506308	0.892325	-1.12067	0.0150389	0.603557	-1.65684	0.736502	0.94454	-1.05872	0.0554676	0.693001	-1.443		0.366676	1.16962	1.16962	0.743242	1.0571	1.0571	0.284881	1.20644	1.20644	0.0095551	0.574345	-1.74111	0.38551	1.52958	0.40184	1
cg19256675	PMS2L2;STAG3L1;STAG3L1	0.0501805	0.57407	1.0505	1.0505	0.0922506	1.1638	1.1638	0.0152226	0.818832	1.08015	1.08015	0.0265383	1.08015	0.0265383	1.08015	1.08015	0.111096	0.867325	1.15271	1.15271	0.0307907	1.19142	1.19142	0.0255099	1.23014	-1.08659	0.0126615	1.30508	1.38348	1.23944	1.10494	1
cg04287684	RPS6KA2,RPS6KA2	0.0501809	0.98949	1.0412	1.0412	0.417327	1.29521	1.29521	0.0347129	0.46381	-2.15606	0.73446	1.1121	1.1121	0.223661	0.428973	2.33115		0.190974	0.64913	-1.54052	0.0041798	0.503894	-3.13242	0.867774	0.949329	-1.05338	0.709427	0.889752	-1.12391	1.38348	5.21896	1.3711	1
cg08493515	SACM1L	0.0501821	0.7	1.0505	1.0505	0.152594	0.622774	2.54274	0.0174857	0.660118	1.65574	0.7	?	?	0.858861	0.872907	1.14533	0.130908	0.943765	-1.06002	0.0147477	0.936603	1.67193	1.67193	0.0242853	0.0070578	1.46849	0.490747	1.67118	1.38372	0.0858885	1.74906	1
cg14022715	APBB1IP	0.0501839	0.0230225	8.72075	8.72075	0.0399235	6.6315	6.6315	0.125426	3.74776	3.74776	0.939464	1.06237	1.06237	0.161334	3.29233	3.29233		0.130968	2.72728	-3.66596	0.470734	0.557376	-1.79412	0.0276307	7.96095	7.96095	0.0754952	1.83692	4.83692	1.3834	34.0051	8.93384	1
cg27626899	UNC45A;HOOC3	0.0501844	0.342313	1.1231	1.1231	0.484412	1.08797	1.08797	0.0167907	0.949054	-1.05368	0.0332508	1.34352	1.34352	0.033652	1.34233	1.34232	0.0275309	1.36243	1.36243	1.36243	0.0798471	1.33169	1.33169	0.0114772	1.45536	1.45536	1.38339	0.754437	0.198207	1
cg03744991	DRP2;DRP2	0.0501845	0.2254502	1.03158	1.03158	0.0705243	0.279399	-3.51513	0.113621	0.708266	-1.41128	0.0601138	0.566317	-1.76581	0.0119104	0.506481	-1.97533	0.0436045	0.998906	-1.00109	0.982819	0.476287	-2.09957	0.574108	0.803053	-1.24525	0.34839	0.79943	1.26128	1.38372	0.0858885	1.74906	1
cg00288598	EIF2C2;EIF2C2	0.0501849	0.793601	0.804901	-1.24239	0.406166	2.02126	2.02126	0.0905532	0.21347	-4.68451	0.758535	1.29089	1.29089	0.529457	0.590052	-1.69477	0.523482	0.585419	-1.70818	0.00172738	0.0246746	-40.5275	0.306572	2.40264	2.40264	0.154665	0.283038	-3.5331	1.38338	36.746	9.65399	1
cg04015501	NUP153	0.0501853	0.47353	1.08153	1.08153	0.0219867	0.729339	-1.37028	0.188093	0.757146	-1.32075	0.0121578	0.535359	-1.86793	0.0144554	0.782652	-1.27764		0.478529	0.805851	-1.24077	0.0154533	0.0829795	-2.41564	0.0139555	0.74956	-1.33396	0.0138788	0.524568	1.90571	1.90571	0.0298606	-1.88788	0.524568	0.914181	0.562701	1
cg09473867	RERE;RERE	0.050186	0.81547	1.05706	1.05706	0.653942	1.11305	1.11305	0.214893	1.35964	1.35964	0.525872	0.85285	-1.16482	0.0320595	0.555095	-1.81505		0.171976	0.708135	-1.41216	0.0682375	0.435234	-2.29761	0.158026	0.698887	-1.43085	0.143874	1.45168	1.45168	1.38335	0.105909	0.79319	1
cg00265727	LOC407835	0.0501864	0.884801	0.904802	-1.10521	0.0465511	0.207185	-4.82662	0.111857	0.302494	-3.30585	0.513136	1.58092	1.58092	0.00666382	0.0879337	-11.3722		0.548086	1.52154	1.52154	0.021323	0.147963	-6.75845	0.260411	0.444457	-2.24937	0.0847933	0.268126	-3.72959	0.38334	25.5548	6.7139	1
cg27115725	FAM49A	0.0501869	0.459287	1.1153	1.1153	0.0434603	0.729339	-1.75208	0.188093	0.757146	-1.32075	0.0121578	0.535359	-1.86793	0.0144554	0.782652	-1.27764		0.858193	1.08089	1.08089	0.0187099	0.822554	1.12564	0.383816	0.884782	1.1252	-1.12423	0.383816	0.884782	1.1252	1.38333	0.540701	1
cg09273972	BRE;BRE;BRE;BRE	0.05019	0.153862	0.5307	-1.8843	0.259202	0.613565	-1.62082	0.182603	0.555587	-1.7999	0.033462	0.356625	-2.80406	0.0092002	0.254216	3.93366		0.0660416	0.42497	-2.35311	0.0234762	0.325276	-3.07431	0.406871	1.42204	1.42204	0.0501947	0.395937	-2.52565	1.38327	9.27742	2.42432	1
cg02772955	RBM15;RBM15	0.0501876	0.0795755	0.85655	0.0145492	0.0445005	0.340405	-2.93823	0.184407	0.524543	-1.90643	0.0214007	0.524543	-1.90129	0.0214007	0.524543	-1.90129	0.0566647	0.655427	-1.52549	0.0458193	0.0458193	-17.1842	0.0116492	0.0248022	-11.2678	0.0240422	0.0248022	-11.2678	0.0240422	1.38327	0.0858885	1.74906	1
cg01035900	TADA2A;ACACA;TADA2A;ACACA;TADA2A;ACACA	2A	0.0501906	0.589917	1.1441	1.1441	0.712683	0.91255	-1.09583	0.719686	1.09326	1.09326	0.0097474	0.445409	-2.24513	0.096925	0.637121	-1.56956		0.509552	0.847379	-1.18011	0.57564	1.15018	1.15018	0.0167452	2.05946	2.05946	0.193392	1.40502	1.40502	1.38323	3.27906	0.861756	1
cg22113807	UBOX5;FASTKD5;UBOX5	0.0501907	0.0174782	0.290224	-3.44562	0.12937	0.496201	-2.01531	0.0270756	0.566621	-1.76485	0.259132	0.604428	-1.65466	0.0404806	0.377805	-2.64687		0.472254	0.731484	-1.36715	0.0637708	0.152525	-6.55622	0.0364102	0.353416	-2.82952	0.0646236	0.411618	-2.42944	1.38323	9.79974	2.57472	1
cg20052411	RCE1;RCE1	0.0501907	0.200996	0.841595	-1.18822	0.0785631	1.28338	1.28338	0.581462	1.07369	1.07369	0.488716	0.914099	-1.09397	0.666176	0.946085	-1.05699		0.0831357	0.782723	-1.27759	0.0086185	0.651981	-1.53379	0.385683	1.12026	1.12026	0.0809824	1.28027	1.28027	1.38323	0.873739	0.229561	1
cg13547694	MLXIP;;MLXIP;;MLXIP;;MLXIP	0.050191	0.33841	0.840291	-1.19009	0.0225674	0.0925206	-10.8382	0.0229096	0.354334	-2.99729	0.0824499	0.187674	-5.33014	0.0228602	0.366357	-2.73075	0.0796495	0.263627	0.443116	-2.25675	0.0044232	0.0728168	-26.1999	0.157191	0.268257	-3.7275	0.0378241	0.123107	-8.12348	0.38323	0.40325	0.60443	1
cg23279691	ASNA1	0.0501926	0.265914	1.23576	1.23576	0.875211	0.971711	-1.02911	0.0026503	2.13679	2.13679	0.886029	1.02653	1.02653	0.789008	0.952205	-1.05019		0.330433	0.832452	-1.20127	0.258035	0.806131	-1.24049	0.298006	0.821198	-1.21773	0.0925786	0.713212	-1.40211	1.38318	1.78656	0.469396	1
cg00307351	CHRNB3	0.0501937	0.0375304	0.249614	-4.00615	0.0133576	0.371597	-2.69258	0.0210432	0.765055	-1.30695	0.0863424	0.336291	-2.97353	0.0189802	0.195123	-5.12408		0.0424965	0.240905	1.83307	0.0873443	0.33761	-2.962	0.0178953	0.19094	-5.23724	0.0185064	0.144187	-6.93211	1.38315	17.2757	4.65726	1
cg14370507	NOL12	0.0501946	0.0284393	0.394503	-2.53401	0.419099	0.710706	-1.40705	0.763128	0.885417	-1.12941	0.205245	0.57532	-1.73816	0.00547771	0.220724	-4.53054		0.353514	0.673769	-1.48419	0.0097151	0.258451	-3.8692	0.0501016	0.39093	-2.55934	0.0538247	0.722774	-1.29408	1.38313	9.16775	2.40875	1
cg17199367	ASB16	0.0501956	0.918588	1.03763	1.03763	0.909237	0.95963	-1.04207	0.345107	0.703725	-1.42102	0.179474	0.597372	-1.674	0.0040867	0.253234	-3.94891		0.110589	0.533523	-1.87433	0.0057688	0.272387	0.270591	-3.69562	0.243959	0.64372	-1.55347	0.207152	0.618358	-1.61718	3.8831	6.996	1.83816	1
cg16660091	CTTP;CTTP	0.0501957	0.145849	0.705002	-1.41846	0.0182276	0.18066	-5.53834	0.0744205	0.442865	-2.25789	0.12289	0.5498	-1.81892	0.0048362	0.248086	-4.02932	0.0542157	0.358008	2.79323	0.0218955	0.222169	-4.50105	0.0195852	0.622137	-1.60969	0.0325881	0.356042	2.80807	1.38307	0.0858885	1.74906	1
cg17246714	WNT5A	0.0501974	0.319747	0.881045	-1.13502	0.00833715	0.514181	1.51481	0.100505	1.24809	1.24809	0.330727	1.13159	1.13159	0.162257	0.832111	2.10176		0.797262	1.03222	1.03222	0.0491267	0.758318	-1.31871	0.763973	0.963587	-1.03779	0.174691	1.19461	1.19461	1.38306	0.812926	0.213594	1
cg14421218	T7	0.0501978	0.48133	1.17218	1.17218	0.852214	0.959451	-1.04226	0.411997	1.20464	1.20464	0.655194	1.10491	1.10491	0.027955	0.546178	4.83091		0.535019	1.14964	1.14964	?	?	?	0.0039607	0.423119	-2.3634	0.874892	0.965632	-1.03559	1.38288	2.38095	0.693571	1
cg10676960	DDX31;GFT3CX;DDX31	0.050199	0.808072	1.05126	1.05126	0.0174788	1.81162	1.81162	0.00706446	2.0445	2.0445	0.343347	1.22204	1.22204	0.425554	0.846075	-1.18193		0.121765	1.41138	1.41138	0.188339	0.7510133	-1.33154	0.342486	1.22251	1.22251	0.0998942	1.44827	1.44827	1.38302	2.26089	0.594049	1
cg22247792	COL6A2;COL6A2;COL6A2	0.0501997	0.190472	0.73966	-1.35179	0.0422536	0.0925206	-10.8382	0.0229096	0.354334	-2.99729	0.0824499	0.187674	-5.33014	0.0228602	0.366357	-2.73075	0.0796495	0.263627	0.443116	-2.25675	0.0044232	0.0728168	-26.1999	0.157191	0.268257	-3.7275	0.0378241	0.123107	-8.12348	0.38302	0.40325	0.73201	1
cg13630574	VPS16;PTPRA;VPS16	0.0501993	0.0500657	1.28408	1.28408	0.675375	0.953958	-1.04826	0.904053	1.01359	1.01359	0.116181	0.826075	-1.21054	0.800549	0.983312	-1.01697		0.0198833	1.3697	1.3697	0.0242199	1.35078	1.35078	0.0843337	1.23824	1.23824	0.302558	0.887346	-1.12696	1.38301	0.671051	0.176319	1
cg01993208	Clorf3	0.0501994	0.301539	0.656811	-1.52251	0.017292	3.12269	3.12269	0.512744	1.29784	1.29784	0.357374	1.45023	1.45023	0.031469	0.37128	-2.69339		0.585028	0.805295	-1.24178	0.0360787	0.383906	-2.60481	0.162937	1.7948	1.7948	0.859952	1.07182	1.07182	1.38301	8.26319	2.17116	1
cg26556719	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PC	DHA2; PCDHAG; PCDHA1; PCDHA9;	0.0502004	0.0190024	7.62276	7.62276	0.0184978	7.71629	7.71629	0.125652	3.27203	3.27203	0.260079	2.31694	2.31694	0.036025	5.72204	5.72204		0.300357	2.15463	2.15463	0.0336499	5.8985	5.8985	0.0109218	9.82625	9.82625	0.120138	3.3398	3.3398	1.38298	27.4108	7.20226	1
cg06911121	TBX5;TBX5	0.0502013	0.2325561	0.597232	-1.67432	0.159652	0.49292	-2.02894	0.0401773	0.55191	-1.74136	0.83712	0.885507	-1.24213	0.0775795	0.382552	-2.61442	?	?	?	?	?	0.0934635	-10.6994	0.0844774	0.5611	-1.78252	0.92983	0.943276	0.51681	1.95195	1.38298	33.4856	0.1194504	0.1868438	0.0858885	1.74906	1
cg13572733	GNA11	0.0502028	0.348386	1.72398	1.72398	0.0468919	0.168777	1.60877	0.0028804	0.671654	6.71653	0.423188	1.5861	1.5861	0.0857852	1.08501	1.08501		0.835615	1.12437	1.12437	0.0192093	0.202274	-4.94379	0.208719	2.11193	2.11193	0.566586	1.38652	1.38652	1.38292	17.0513	4.48038	1
cg17272094	C3orf45	0.0502067	0.184891	1.23308	1.23308	0.618958	1.07756	1.07756	0.0967954	0.762154	-1.31207	0.801008	0.963069	-1.03835	0.0440541	1.41161	1.41161		0.554299	0.914733	-1.09322	0.00499964	1.73929	1.73929	0.695984	0.943169	-1.06026	0.282955	0.846854	-1.18084	1.38282	1.18942	0.312539	1
cg05804170	PRDM16;PRDM16	0.0502077	0.244452	0.553721	-1.806	0.0118455	0.257547	-4.5971	0.163407	0.419258	-2.38498	0.0491181	0.350686	-2.97076	0.0201587	0.315617	-3.16849	0.0274949	0.234161	-4.27056	0.394102	0.52769	-1.89535	0.0336476	0.201477	-4.96301	0.0481321	0.12262	-8.15

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF
cg00083121	BDH2	0.00502664	0.01636901	0.267535	-3.73781	0.262295	0.092155	-1.68875	0.0757463	0.411419	-2.43061	0.0948424	0.365995	-2.73228	0.00578836	0.1970337	0.0752	0.0450693	0.35586	-2.8101	0.0427128	0.350567	-2.85252	0.208803	0.551227	-1.81433	0.485349	0.727193	-1.37515	3.38129	10.8114	2.84216	1
cg05928051	C18orf1;C18orf1	0.0502669	0.0252129	1.30691	1.30691	0.0182253	1.34408	0.1334008	0.0136057	1.35935	1.3539	0.153205	1.16628	1.16628	0.193768	1.1483	1.1483	0.2026298	1.14482	1.14482	0.569832	1.05946	1.05946	0.00870856	1.39959	1.39959	0.231569	1.13383	1.13383	3.18127	0.541608	0.142381	1
cg02151632	ENTPD4;ENTPD4	0.0502685	0.1749947	1.50026	1.50026	0.854707	0.949766	-1.05289	0.307623	0.743092	-1.34573	0.950198	1.31045	1.31045	0.383416	1.2857	1.2857	0.5099551	0.828673	-1.20675	0.0198256	0.4534437	-2.20538	0.00923142	2.5323	2.5323	0.171928	1.5051	1.5051	3.38124	4.23156	1.11296	1
cg21643358	MDC1	0.0502686	0.6021514	1.07118	1.07118	0.0579957	0.7554567	-1.32368	0.0034461	0.594645	-1.68168	0.716958	1.08494	1.08494	0.248179	1.04879	0.295827	0.8677545	-1.21541	0.788971	1.03573	1.03573	0.993542	0.998941	-1.00106	0.564055	1.0793	1.0793	0.0256834	0.706968	-1.41449	3.38123	0.917001	0.24107	1
cg17875845	AFF1;AFF1	0.0502691	0.0906281	0.65707	-1.52191	0.805095	1.05727	0.05727	0.513639	0.861382	-1.16093	0.903519	0.973052	-1.02769	0.00616458	0.447172	-2.23628	0.928928	0.980105	-1.0203	0.00617558	0.447293	-2.23567	0.402499	1.20369	1.20369	0.409389	0.826699	-1.20932	3.38122	2.71743	0.714385	1
cg18274788	MIR32081	0.0502702	0.747287	1.09728	1.09728	0.580138	1.17403	1.17403	0.127964	0.623424	-1.60404	0.0937497	1.69758	1.69758	0.0160729	0.429153	2.33017	0.539481	0.836625	-1.19528	0.0255036	0.46665	-2.14293	0.288105	0.728567	-1.37256	0.111255	1.64566	1.64566	3.38119	4.4152	1.16072	1
cg03289833	ITGA11	0.0502724	0.4653746	0.737496	-1.35594	0.558639	1.27431	1.27431	0.936037	1.03344	1.03344	0.630721	1.21958	1.21958	0.00435291	0.209847	-4.76538	0.905241	1.05002	1.05002	0.0105869	0.2677968	-3.73458	0.195098	0.570262	-1.75358	0.114915	0.495302	-2.01897	3.38113	8.99478	2.3647	1
cg19009723	SF3B3	0.0502733	0.675278	0.91792	-1.08924	0.0314132	1.17618	1.17618	0.0346555	1.69255	1.69255	0.0341055	1.60746	1.60746	0.133849	0.70754	-1.41355	0.5698581	0.646819	-1.54603	0.870388	1.03334	1.03334	0.360011	1.28582	1.28582	0.895097	0.972315	-1.02865	3.38111	2.45189	0.644597	1
cg01111856	MRLT7A3;LOC400931;MIR5LT7B	0.0502734	0.328399	1.45832	1.45832	0.0221636	1.50023	0.1031	0.0144571	1.08693	0.613947	1.30954	1.20954	0.642712	1.19052	1.19092	0.5872	0.814636	-1.22754	0.13071	1.45554	1.45554	0.110915	1.9147	1.9147	0.0254124	1.29573	1.29573	3.38109	7.49036	1.96921	1
cg06612791	MOCS2;MOCS2	0.0502774	0.759428	0.920094	-1.08685	0.759872	0.920241	-1.08667	0.702245	1.10976	1.10976	0.693962	0.898325	-1.11318	0.00562395	0.373264	-2.67907	0.624748	1.143	1.143	0.960294	1.01359	1.01359	0.0155875	2.23464	2.23464	0.109837	1.60412	1.60412	3.38101	3.93638	1.0349	1
cg13297560	IGF1R	0.0502794	0.328075	1.83133	1.83133	0.0479645	1.94475	1.94475	0.0127982	0.514203	-1.94476	0.554109	1.11575	1.11575	0.0998233	0.89805	-1.11392	0.2488644	0.802006	-1.24674	0.0444616	0.922273	-1.08403	0.0105143	1.08877	1.08877	-1.01142	0.0825283	0.703391	-1.42168	3.38101	1.79253	0.471268	1
cg15934158	PSMB9;PSMB9;TAP1	0.0502775	0.0188076	0.178437	-5.60423	0.881641	0.0193732	-1.09441	0.280116	0.506836	-1.97302	0.0586217	0.274284	-3.64586	0.388444	0.585805	-1.70705	0.0301183	0.213454	-4.68485	0.0035953	0.0918741	-10.8845	0.25806	0.083868	-2.04345	0.143707	0.386237	-2.58908	3.381	19.6349	5.16214	1
cg00778858	MTUS1;MTUS1	0.0502779	0.401293	1.24565	1.24565	0.110201	1.59928	1.59928	0.0885588	0.964218	-1.03732	0.00286771	1.36829	1.36829	0.198162	1.02048	1.02048	2.7	2.7	2.7	?	?	?	?	0.42001	1.23681	1.23681	0.34507	0.773487	-1.29285	4.96005	3.36146	0.686659	1
cg00477302	MIR182	0.0502815	0.0988645	0.61868	-1.61635	0.0814921	0.5990069	-1.66926	0.0237638	0.488649	-2.04646	0.0253499	0.493936	-2.02455	0.01466589	0.450514	-2.21969	0.0780123	0.594746	-1.68139	0.27177	1.35469	1.35469	0.925289	0.975419	-1.0252	0.26444	0.734441	-1.36358	3.3809	3.77027	0.991259	1
cg07122126	ZNF8;ZNF8	0.0502824	0.096922	0.775619	-1.28929	0.0698908	1.32664	1.32664	0.03885	1.39591	1.39591	0.222185	0.836178	-1.19592	0.0915542	0.746259	-1.34005	0.510623	0.911142	-1.09752	0.0516404	0.734259	-1.36192	0.0342834	0.708651	-1.41113	0.677508	0.943347	-1.06006	3.38088	1.04133	0.273782	1
cg04032691	CAPN13	0.0502827	0.775263	0.905113	-1.10495	0.473642	1.34344	1.34344	0.0118494	1.31145	1.21095	0.353704	1.29703	1.29703	0.0370092	0.770389	-1.29806	0.2488644	0.802006	-1.24674	0.0444616	0.922273	-1.08403	0.0105143	1.08877	1.08877	-1.01142	0.0825283	0.703391	-1.42168	3.38087	1.04133	0.273782	1
cg00089430	SDHA	0.0502829	0.672359	1.12666	1.12666	0.00977404	2.49916	2.49916	0.0490792	1.92044	1.92044	0.566891	1.17619	1.17619	0.0941008	0.596878	-1.67538	0.888303	1.04019	1.04019	0.0348659	1.99256	1.99256	0.126001	1.59065	1.59065	0.0894516	1.60941	1.60941	3.38087	4.20868	1.10653	1
cg22666517	SHROOM2	0.0502831	0.0096383	0.64225	-1.55712	0.426646	0.636296	-1.5716	0.492217	0.67807	-1.47477	0.126579	0.39154	-2.55423	0.0153415	0.189735	-5.27052	0.0334487	0.250564	-3.991	0.0104066	0.2504454	-3.99274	0.0109781	0.237228	-4.21536	0.499096	0.682382	-1.46545	3.38086	16.6109	4.36729	1
cg00475140	PANK1;PANK1;PANK1	0.0502838	0.6456301	1.08465	1.08465	0.421557	1.15523	1.15523	0.0135753	1.18806	1.18806	0.0178501	1.61918	1.61918	0.0104241	-1.61883	0.123681	0.7258132	0.939999	-1.06383	0.0199201	0.6310309	-1.63851	0.533451	1.11723	1.11723	0.0275809	1.58073	1.58073	3.38084	1.65392	0.434847	1
cg00868814	LMTK3	0.0502841	0.0207084	0.568466	-1.75912	0.175802	0.746847	-1.33896	0.598337	1.11382	1.11382	0.498634	0.869976	-1.14946	0.0174236	0.555997	-1.79857	0.253857	0.785352	-1.27332	0.0102943	0.539114	-1.92636	0.0262507	0.585915	-1.70673	0.506847	0.872355	-1.14632	3.38084	2.20172	0.578877	1
cg04732692	PSPC1;C	0.0502846	0.991794	1.00267	1.00267	0.798807	1.0716	1.0716	0.139007	1.15128	1.15128	0.270742	1.32363	1.32363	0.208496	0.790427	-1.26492	0.3793987	1.26347	1.26347	0.0598554	0.6984849	1.4265	0.622285	0.897177	-1.11743	0.0251591	0.501284	-1.99488	3.38082	3.60112	0.94681	1
cg08864904	PKIA;PKIA	0.0502854	0.0283993	0.449982	-2.22231	0.989212	0.959332	-1.00418	0.247689	0.688628	-1.45216	0.123467	0.597485	-1.67368	0.0138386	0.391045	-2.55725	0.0102103	0.368005	-2.71735	0.0282644	0.449508	-2.22466	0.903504	1.03815	1.03815	0.207718	0.663616	-1.5069	3.3808	5.10159	1.34132	1
cg01250879	PIDD1	0.0502862	0.0496919	0.645454	-1.54942	0.946391	1.04987	1.04987	0.0830815	1.35606	1.35606	0.0384768	1.56667	1.56667	0.0208568	0.638255	-1.56702	0.6654341	1.08806	1.08806	0.0680566	1.65391	1.65391	0.0398504	1.03998	1.03998	0.619762	1.08088	1.08088	3.3806	2.19643	0.543383	1
cg00720764	MMADHC	0.0502875	0.334585	0.810411	-1.23394	0.142858	1.39468	1.39468	0.0374193	0.600397	-1.66556	0.747195	0.933963	-1.07071	0.0851224	1.49499	1.49499	0.4294974	1.18574	1.18574	0.0436579	0.612674	-1.63219	0.969533	1.0081	1.0081	0.0204718	1.554377	1.80383	3.38075	2.38921	0.628186	1
cg06178387	RAI1	0.0502876	0.755979	1.07233	1.07233	0.342829	1.24473	1.24473	0.224908	1.33048	1.33048	0.544504	1.14728	1.14728	0.00195098	0.374833	-2.66785	0.135454	0.697158	-1.43398	0.584105	1.13182	1.13182	0.285096	0.779802	-1.28238	0.723902	0.923624	-1.08269	3.38075	2.68677	0.706425	1
cg21944027	C1orf127;STS;C11orf17	0.0502877	0.0538241	1.27048	1.27048	0.0239562	0.917871	0.917871	0.0804948	0.457899	0.82651	1.20991	0.661146	1.01236	0.0213284	0.5707	-1.75232	0.0267256	0.756634	-1.32164	0.0871475	0.169879	0.700982	-1.42656	0.0281206	0.357737	-2.79634	0.0376904	0.178041	-5.61599	3.38074	3.40414	0.894514	1
cg19154600	SYNPO2L	0.0502878	0.0570757	0.454347	-2.20096	0.00244037	0.212973	-4.69543	0.0389464	0.416497	-2.40098	0.289376	0.66832	-1.49629	0.0923238	0.507182	-1.97168	0.239338	0.636658	-1.5707	0.0941064	0.5094523	-1.96301	0.715906	1.14332	1.14332	0.624863	0.834784	-1.19791	3.38074	7.18969	1.89037	1
cg13224581	FEAR1	0.0502886	0.0191765	0.312217	-3.20211	0.0455475	0.746653	-1.33948	0.0274582	0.614503	-1.62705	0.0776343	0.713593	-1.4013	0.0476304	0.2123934	-4.70963	0.436549	0.713365	-1.40181	0.0544207	0.3955652	-2.52715	0.153672	0.97208	-1.02894	0.940692	0.954396	-1.04774	3.38072	9.60932	2.54934	1
cg08867707	KBTBD11	0.0502889	0.156848	0.692151	-1.44477	0.674831	1.17077	1.17077	0.0597767	1.67558	1.67558	0.118011	1.51052	1.51052	0.0213523	0.510612	-1.95843	0.380557	0.803673	-1.24429	0.163979	0.7009982	-1.42656	0.0281206	0.357737	-2.79634	0.0376904	0.178041	-5.61599	3.38071	3.16159	0.831276	1
cg24146125	TUBB	0.0502909	0.0356042	0.67404	-1.48359	0.698796	1.06471	1.06471	0.374724	0.863355	-1.15827	0.317891	0.84663	-1.18115	0.012481	0.605763	-1.65081	0.796343	0.95915	-1.04259	0.0146818	1.62326	1.62326	0.747001	0.94914	-1.05358	0.924321	1.01544	1.01544	3.38066	1.39247	0.365127	1
cg19209410	TBX5;TBX5	0.0502911	0.2677384	1.49127	1.49127	0.0798207	1.86182	1.86182	0.0115755	1.14795	0.941191	0.818473	1.2107	1.2107	0.0284006	0.704217	-1.42002	0.2529326	0.828388	1.019819	0.5234409	0.7139	1.4012	0.224152	0.44125	0.923558	0.844274	0.334561	1.45607	1.21055	3.38063	33.3218	8.76148	1
cg10164885	NELL2;NELL2;NELL2;NELL2	0.0502923	0.157684	0.571236	-1.75093	0.367513	1.40668	1.40668	0.050483	0.434006	-2.30412	?	?	?	0.0789673	0.48319	-2.06958	0.0183556	0.338678	-2.95266	0.756227	1.12085	1.12085	0.0159008	0.32661	-3.06176	0.550091	1.24883	1.24883	3.37616	6.89269	1.62268	1
cg17188336	BAI1	0.0502924	0.763262	0.937155	-1.06703	0.362554	1.22454	1.22454	0.0830474	1.36479	1.36479	0.0166627	1.27652	1.27652	0.0163766	0.778417	-1.28452	0.3793987	1.26347	1.26347	0.0598554	0.6984849	1.4265	0.622285	0.897177	-1.11743	0.0251591	0.501284	-1.99488	3.38062	3.60112	0.94681	1
cg00899400	HOXA3;HOXA3;HOXA3	0.0502926	0.515953	1.47776	1.47776	0.0348076	2.30002	2.30002	0.0497108	3.7709	3.7709	0.028524	2.62857	2.62857	0.406439	1.65458	1.65458	0.0349083	4.29544	4.29544	0.943937	0.959159	-1.04258	0.00671398	0.83911	0.83911	0.0785276	2.18548	3.18548	3.38062	4.18212	4.94802	1
cg14677296	SDK1;SDK1	0.0502933	0.0046553	0.2802	-3.56386	0.811546	1.0841	1.0841	0.585774	0.830238	-1.20447	0.478877	0.783973	-1.27555	0.0146014	0.361768	-2.76421	0.981526	0.992203	-1.00786	0.160563	0.6024443	-1.65991	0.0401108	0.448477	-2.22977	0.0648433	0.496082	-2.01579	3.3806	6.11958	1.60907	1
cg24260010	PET117	0.0502954	0.8388854	-1.03217	1.03217	0.0239179	0.927883	0.927883	0.0207772	0.148956	1.1721	1.1721	0.0641533	0.522364	0.0172482	0.2566027	-3.89707	0.3626824	0.864552	-1.15654	0.287431	0.842193	-1.18738	0.801359	1.03998	1.03998	0.619762	1.08088	1.08088	3.3806	1.29463	0.340383	1
cg19399885	ANKRD57;ANKRD57	0.0502934	0.0909936	0.639901	-1.56274	0.142068	1.46008	1.46008	0.732431	0.921001	-1.08577	0.445062	0.829711	-1.20524	0.559648	1.15195	1.15195	0.457088	1.19914	1.19914	0.0854134	1.5777	1.5777	0.917938	0.97559	-1.02502	0.00417091	0.398275	-2.51083	3.3806	3.07865	0.809497	1
cg17781663	KLHL6	0.0502937	0.0137868	0.559202	-1.78801	0.0313749	0.712127	1.40408	0.0215127	0.841802	-1.06172	0.0125053	0.332278	-3.00956	0.0127455	0.1706249	-5.85962	0.129667	0.559615	-1.78694	0.0314758	0.1618734	-6.17811	0.0270238	0.183477	-5.44952	0.0383659	0.07252	-13.7924	3.38061	4.70724	1.77024	1
cg01047748	FAR3	0.0502945	0.0352995	0.0999229	-10.0077	0.63788	0.640536	-1.56119	0.762756	0.756633	-1.32164	0.0871475	0.169513	-5.89925	0.0145596	0.0613281	-16.3057	0.119031	0.203985	-4.90232	0.0385663	0.0428028	-23.3629	0.0376133	0.103701	-9.6431	0.0641154	0.141577	-7.06328	3.38057	47.2695	12.4291	1
cg04528923	C1orf42	0.0502953	0.0736244	0.567363	-1.76254	0.317457	1.34133	1.34133	0.985804	1.00507	1.00507	0.0212686	0.455322	-2.19625	0.0357659	0.499422	-2.00232	0.151782	1.54709	1.54709	0.0774322	0.572463	-1.74684	0.230778	0.699602	-1.42938	0.0525983	0.534613	-1.87051	3.38055	4.32369	1.13688	1
cg09378783	EGFR;EGFR;EGFR;EGFR	0.0502959	0.0173863	0.551009	-1.81457	0.0240946	0.712127	1.40408	0.0215127	0.841802	-1.06172	0.0125053	0.332278	-3.00956	0.0127455	0.1706249	-5.85962	0.129667	0.559615	-1.78694	0.0314758	0.1618734	-6.17811	0.0270238	0.183477	-5.44952	0.0383659	0.07252	-13.7924	3.38054	4.70724	1.77024	1
cg05883385	SLC2A12	0.0502958	0.199971	0.754746	-1.32495	0.0205791	0.560081	-1.78546	0.183963	0.746743	-1.34094	0.354624	0.820442	-1.21885	0.448954	0.851843	-1.17393	0.0170108	0.546211	-1.83079	0.0321568	0.6839	1.6839	0.282174	0.1313	0.1313	0.507497	1.14997	1.14997	3.38054	2.31232	0.60801	1
cg26639596	DNAH10	0.0503001	0.410381	1.17933	1.17933	0.0228163	1.27271	1.27271	0.312348	0.785234	1.51443	1.51443	0.0422831	1.75732	0.0133237	0.57161	-1.74933	0.0494614	1.82347	1.82347	0.0013704	0.3846753	2.59961	0.0021238	0.0679536	3.13165	0.0011607	0.696658	-1.43542	0.9438434	0.067936	3.38054	3.40414	0.894514	1
cg10226546	NFATC2;NFATC2;NFATC2	0.0502967	0.0335931	0.58293	0.583293	0.0883671	1.16783	1.16783	0.0947571	0.43126	0.43126	0.121637	0.57498	0.57498	0.0459582	0.57776	0.57776	0.118103	0.36237	0.36237	0.00518059	16.4729	16.4729	0.0197375	0.87441	0.87441	0.236456	2.56451	2.56451	3.38051	30.8582	8.11401	1
cg05082029	MIR193A;MIR3G11	0.0502974	0.8419961	0.965064	-1.0362	0.488461	1.15143	1.15143	0.0245382	0.618425	-1.61729	0.0776343	0.713593	-1.4013	0.0476304	0.2123934	-4.70963	0.436549	0.713365	-1.40181	0.0544207	0.3955652	-2.52715	0.153672	0.97208	-1.02894	0.940692	0.954396	-1.04774	3.38051	9.60932	2.54934	1
cg03889376	MRPS31;MRPS31	0.0502988	0.362254	0.862057	-1.16046	0.12649	1.2644	1.2644	0.0222752	0.645048	0.885174	-1.12972	0.365268	1.15884	0.158888	0.8729525	1.0257	1.0257	0.0604598	0.4649063	-2.15162	0.145162	0.0650509	0.751669	1.75169	1.75169	0.0846106	0.5615	0.5615	3.35706	4.3315	0.353706	1
cg09282085	RPL3;RNU86;RPL3	0.0502989	0.0102398	0.325684	-3.07046	0.1642	0.597825	-1.67273	0.945741	1.02387	1.02387	0.342328	0.712366	-1.40377	0.0152423	0.355992	-2.80905	0.0442873	0.448981	-2.22727	0.0236761	0.392127	-2.55019	0.0959973	0.530672	-1.8844	0.0654278	0.488342	-2.04775	3.38046	6.43157	1.69118	1
cg19820609	NAT14;SCO2	0.0502995	0.0148206	0.392606	-2.54777	0.143858	0.718	1.63178	0.751209	1.19427	1.19427	0.6275	0.858573	-1.16492	0.0197911	0.5234444	-1.91042	0.902454	1.03898	1.03898	0.0837552	0.352552	2.836446	0.132181	0.598001	-1.67	0.537733	0.823185	-1.21479	3.38044	2.5056	0.36892	1
cg06393558	ANO1;ANO1	0.0502999	0.0546247	0.474392	-2.10796	0.663552	1.01497	1.01497	0.183318	0.61698	-1.6208	0.149966	0.589829	-1.69541	0.00482198	0.278294	3.59332	0.047184	0.459864	2.17455	0.0416867	0.4479227	-2.23253	0.00412198	0.440226	-2.23102	0.0712588	0.502	-1.99203	3.38043	6.26406	1.64714	1
	C1Sorf40;C1Sorf40;C1Sorf40;C1Sorf40;																															
cg03540781	C1Sorf40;C1Sorf40;C1Sorf40	0.0503002	0.635243	1.07531	1.07531	0.0144609	1.58081	1.58081	0.263749	1.19366	1.19366	0.274244	1.18872	1.18872	0.185588	1.23775	1.23775	0.124249	1.28779	1.28779	0.0256747	0.668507	-1.49587	0.571254	1.09084	1.09084	0.0300495	1.47367	1.47367	3.38042	1.23622	0.325067	1
cg01914744	EIF5;EIF5;SNORA28	0.0503008	0.0505428	2.14157	2.14157	0.0939209	3.08159	3.08159	0.0053843	3.49814	3.49814	0.0954112	1.87024	1.87024	0.606842	1.19409	1.19409	0.199982	1.58835	1.58835	0.35055	1.3887	1.3887	0.0431605	2.21454	2.21454	0.522705	1.24781	1.24781	3.38041	6.25282	1.6442	1
cg03832007	AB1;ZAL2;ALB1;ZAL2;ALB2;ALB2	0.0503012	0.0078302	0.0870134	-11.4888	0.0227625	0.0107737	-9.28611	0.0134354	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	0.0132802	-2.39568	0.0179019	0.0433705	1.11894	1.11894	0.0124288	0.4174418	-2.39568	0.0179019	0.0433705	1.34375	0.804521	1.24619	3.38041	0.8010105	1
cg04920691	PRDM15;PRDM15	0.0503013	0.550728	0.802641	-1.24589	0.0442206	0.43096	-2.3204	0.337734	0.697736	-1.43321	0.0693426	2.09577	2.09577	0.00357985	0.237671	4.2075	0.240245	0.639037	-1.56485	0.748446	0.889429	-1.12432	0.53787	1.25503	1.25503	0.788822	0.906862	-1.1027	3.38039	7.10058	1.86713	1
cg02844611	KLHL6	0.0503014	0.497887	0.870716	-1.14848	0.0914042	1.94665	1.94665	0.626206	0.905968	-1.10379	0.249171	0.78481	-1.27419	0.705152	1.07948	1.07948	0.403679	1.18757	1.18757	0.0882018	1.9723	1.9723	0.12897	0.59095	-1.69244	0.0178902	0.7179	1.39105	1.39105	0.67999	0.919544	-1.08702	3.38039	2.16686	0.569786	1
cg27533013	3;ICNKG;DLEU2	0.0503025	0.141573	0.791719	-1.26307	0.377405	0.874744	-1.14319	0.749585	0.953786	-1.04845	0.666256	0.9379	-1.06621	0.00536262	0.581608	-1.71911	0.590122	1.08366	1.08366	0.16007	1.24829	1.24829	0.534137	1.0975	1.0975	0.0165523	0.648865	-1.54115	3.38036	1.16878	0.307339	1
cg02122457	WDR37	0.0503026	0.1813179	0.660466	-1.51419	0.2406	1.0151	1.0151	0.961267	1.00257	1.00257	0.662627	1.01665	1.01665	0.181266	1.03577	1.03577	0.8593573	-1.16397	0.8593573	-1.16397	0.5234444	-1.91042	0.902454	1.03898	1.03898	0.0837552	0.352552	2.836446	0.132181	0.598001	-1.67	0.537733	0.823185	-1.21479	3.38044	2.5056	0.36892	1
cg24036510	CDC14A;CDC14A;CDC14A	0.0503043	0.1608889	0.887049	-1.12733	0.0875506	1.16306	1.16306	0.984698	1.00514	1.00514	0.641813	0.963203	-1.0382	0.458375	0.94136	-1.06229	0.857424	1.0145	1.0145	0.392286	0.932263	-1.07266	0.296125	1.09057	1.09057	0.00237312	0.4076	1.40376	3.38032	0.342802	0.0901668	1
cg24667168	MIR4508	0.0503045	0.3640882	0.852645	-1.17324	0.0966849	0.902521	0.902521	0.0447437	0.684844	0.84655	-1.18125	0.615779	0.615779	0.0268817	0.611579	-1.63537	0.8922375	1.01251	1.01251	0.0909501	1.70783	1.70783	0.0768863	0.576653	-1.73433	0.12408	0.711038	-1.40609	3.38032	3.1238	0.923128	1
cg15631106	QSOX1;QSOX1	0.0503047	0.599448	0.917792	-1.08957	0.189976	1.25195	1.25195	0.0111987	0.597797	-1.67281	0.595304	1.09065	1.09065	0.70146	0.939554	1.06433	0.0502872	1.43508	1.43508	0.0243645	1.5439	1.5439	0.521864	1.1108	1.1108	0.402617	0.870532	1.14872	3.38031	1.34872	0.340279	1
cg25045868	APOL5	0.0503076	0.5047221	1.17212	1.17212	0.0050805	0.419516	-2.3837	0.0286676	0.545765	-1.83229	0.916606	1.02488	1.02488	0.466017	1.19011	1.19011	0.428669	1.20871	1.20871	0.0924967	1.544	1.544	0.83773	1.04920	1.04920	0.445564	0.83324	1.18432	3.38031	1.20013	0.38023	0.294668	0.774879	1
cg26926631	CCSCBC	0.0503076	0.4360917	1.16223	1.16223	0.0284527	1.24525	1.24525	0.0112122	0.612389	1.23923	1.23923	0.2514	1.4499	0.0203	0.5755	-1.73812	0.3167067	0.725529	1.3783	0.0332424	0.4894	2.04257	0.0605179	0.73

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07832337	ATP2C2;ATP2C2	0.0503617	0.249695	3.53374	3.53374	0.0126376	25.8736	25.8736	0.191689	4.26467	4.26467	0.0531154	10.0337	10.0337	0.749652	1.39926	1.39926
cg15387278	C1orf127	0.0503626	0.577588	1.10671	1.10671	0.0281858	0.626821	-1.59535	0.379555	0.850051	-1.1764	0.0292703	1.58858	1.58858	0.0314148	0.634519	-1.576
cg20385284	SNORD116-15	0.0503635	0.237364	0.717358	-1.39401	0.0215431	0.47675	-2.09754	0.860708	0.953961	-1.04826	0.282521	0.741063	-1.34941	0.270351	0.734928	-1.36068
cg17024258	VANGL2	0.0503644	0.692501	0.947123	-1.05583	0.0212046	0.68478	-1.46032	0.368389	0.881372	-1.1346	0.0692542	1.32023	1.32023	0.0062576	0.614507	-1.62732
cg02993606	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.050365	0.342737	0.666792	-1.49972	0.00200093	0.163893	-6.10154	0.0208429	0.315638	-3.16819	0.323485	0.655209	-1.52623	0.13752	0.515237	-1.94085
cg26501269	KDELC2	0.0503653	0.213893	0.820509	-1.21876	0.0284257	0.676392	-1.47843	0.083701	0.748744	-1.33557	0.14658	0.790142	-1.2656	0.932447	1.0129	1.0129
cg09351715	TBL3	0.0503663	0.580898	1.14493	1.14493	0.684688	1.10416	1.10416	0.300116	1.29773	1.29773	0.973496	1.0081	1.0081	0.00133234	0.322271	-3.10297
cg09498014	AGPAT4	0.050367	0.250423	0.858043	-1.16544	0.0466666	0.747976	-1.33694	0.282783	0.867383	-1.15289	0.447994	0.906124	-1.1036	0.0500585	0.752141	-1.32954
cg01211137	SPON1	0.0503679	0.0850104	0.285481	-3.50286	0.0691675	0.262265	-3.81294	0.865306	0.894269	-1.11823	0.405622	0.571182	-1.75076	0.0292769	0.184453	-5.42144
cg04901374	TUSC2	0.0503691	0.16562	1.19854	1.19854	0.609748	1.06508	1.06508	0.132664	1.21985	1.21985	0.174925	0.838022	-1.19329	0.653637	0.946182	-1.05688
cg04762347	AFF1;AFF1	0.0503692	0.0312685	1.39005	1.39005	0.59921	0.933218	-1.07156	0.360491	0.884685	-1.13035	0.177904	0.829785	-1.20513	0.102872	0.792492	-1.26184
cg04599817	BEX5;BEX5	0.0503693	0.0172494	0.0288229	-34.6947	0.0720093	0.0889253	-11.2454	0.458326	0.407815	-2.45209	0.824977	1.30005	1.30005	0.288036	0.268736	-3.72113
cg09807914	OR4A15	0.0503701	0.204535	0.552379	-1.81035	0.0350789	0.33673	-2.96974	0.0446966	0.359981	-2.77793	0.75868	0.872313	-1.14638	0.0296593	0.321468	-3.11073
cg22036538	CD27;CD27;LOC678655	0.0503721	0.0299415	0.561478	-1.78101	0.766837	1.06951	1.06951	0.554191	0.873528	-1.14478	0.661801	1.10459	1.10459	0.00512995	0.433651	-2.306
cg05675372	PC;PC;PC	0.0503733	0.305966	0.803739	-1.24418	0.387601	0.833157	-1.20025	0.00503443	0.465472	-2.14836	0.299846	1.2479	1.2479	0.975368	1.00638	1.00638
cg09554599	SLC6A2	0.0503741	0.00949721	0.671291	-1.48967	0.0201602	0.711844	-1.4048	0.827057	0.97381	-1.02689	0.769352	1.03631	1.03631	0.348753	0.889582	-1.12412
cg03001305	STAT5A	0.0503756	0.0444611	0.244433	-4.09111	0.00712516	0.119834	-8.34487	0.00975851	0.136024	-7.35163	0.148728	0.388529	-2.57381	0.45017	0.625197	-1.5995
cg23916679	UGT2B4	0.0503762	0.00381753	0.0798829	-12.5183	0.178926	0.396493	-2.52211	0.0125297	0.13369	-7.47997	0.331806	0.522723	-1.91306	0.0350307	0.203655	-4.91025
cg14814714	DEFB125	0.0503771	0.165726	1.53084	1.53084	0.398672	0.779654	-1.28262	0.178008	0.662141	-1.51025	0.833066	1.06268	1.06268	0.00169997	0.274953	-3.63698
cg06255037	CHADL	0.0503771	0.0167733	3.18271	3.18271	0.303729	1.52576	1.52576	0.87253	1.06576	1.06576	0.089693	2.10018	2.10018	0.72187	0.867826	-1.1523
cg11653758	C19orf20	0.0503773	0.453213	0.820033	-1.21946	0.0125005	2.24085	2.24085	0.0742897	1.676	1.676	0.950125	1.01638	1.01638	0.149178	0.669215	-1.49429
cg21537245	PINK1	0.0503776	0.880804	0.950457	-1.05212	0.00352453	0.261906	-3.81817	0.406163	0.749931	-1.33346	0.768094	0.904718	-1.10532	0.0130514	0.352457	-2.83723
cg09167779	MCC;MCC	0.0503782	0.0250786	0.46932	-2.13074	0.845339	0.94607	-1.057	0.0131036	0.417517	-2.39511	0.52972	0.834671	-1.19808	0.109652	0.609526	-1.64062
cg23703062	ANKRD30B	0.0503784	0.12674	0.453288	-2.2061	0.0860831	0.403132	-2.48058	0.757638	0.8622	-1.15982	0.0263081	3.53301	3.53301	0.12257	0.448668	-2.22882
cg22459948	SOCS7	0.0503802	0.0759219	1.34613	1.34613	0.185964	0.809753	-1.23495	0.291976	1.17885	1.17885	0.0312533	1.46274	1.46274	0.0203592	1.52313	1.52313
cg04012844	FAM19A5;FAM19A5	0.0503813	0.0272396	0.145345	-6.88017	0.11025	3.61347	3.61347	0.604886	1.46994	1.46994	0.989922	1.00937	1.00937	0.00693114	0.0758572	-13.1827
cg02606575	ITGAL;ITGAL	0.0503823	0.263015	1.13282	1.13282	0.324855	0.897042	-1.11478	0.0715222	0.806484	-1.23995	0.588732	0.943331	-1.06007	0.00765415	0.693251	-1.44248
cg17165766	EIF3H	0.0503825	0.018575	0.719379	-1.39009	0.031472	1.33796	1.33796	0.232042	1.15563	1.15563	0.928302	1.01044	1.01044	0.874544	1.0184	1.0184
cg06800301	NECAP2;NECAP2;NECAP2	0.0503829	0.0863868	0.667797	-1.49746	0.980077	0.994692	-1.00534	0.0126535	0.516531	-1.93599	0.747883	1.07116	1.07116	0.184337	0.74072	-1.35004
cg27204535	C22orf43	0.050384	0.617773	1.17231	1.17231	0.495031	0.803371	-1.24476	0.151163	0.615038	-1.62592	0.0446595	2.07182	2.07182	0.0711963	0.52897	-1.89047
cg22961716	DPY19L2P2;DPY19L2P2	0.0503843	0.048205	0.770883	-1.29721	0.572702	0.936417	-1.0679	0.623972	1.0586	1.0586	0.0150655	0.708705	-1.41102	0.11438	1.21887	1.21887
cg19996501	VGLL2;VGLL2	0.0503851	0.120702	3.61298	3.61298	0.0138895	10.1745	10.1745	0.0970016	4.01599	4.01599	0.474649	0.574111	-1.74182	0.148027	0.305922	-3.26881
cg24163668	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0503859	0.521013	0.816385	-1.22491	0.986214	1.0054	1.0054	0.0569942	0.510862	-1.95748	0.587531	1.18624	1.18624	0.0151387	0.394288	-2.53622
cg20952768	IGFBP5	0.0503865	0.844392	1.0187	1.0187	0.0319101	0.788972	-1.26747	0.11036	0.848717	-1.17825	0.0298457	0.785874	-1.27247	0.634377	1.0462	1.0462
cg21740964	FAM50B	0.0503865	0.0636585	2.79035	2.79035	0.0343118	3.37093	3.37093	0.117419	2.30933	2.30933	0.0652815	2.76891	2.76891	0.901204	0.940707	-1.06303
cg05886671	NEUROG3	0.0503866	0.588529	1.12797	1.12797	0.222457	0.753769	-1.32667	0.396033	0.825617	-1.21122	0.944835	0.984859	-1.01537	0.558935	0.877833	-1.13917
cg17779658	C8orf75	0.0503869	0.126578	0.6873	-1.45497	0.0304749	0.561573	-1.78071	0.0162075	0.513105	-1.94892	0.0149243	0.50701	-1.97235	0.0250842	0.546268	-1.8306
cg10400440	ZNF143	0.050387	0.590606	1.19676	1.19676	0.295886	0.697693	-1.4333	0.438119	1.29953	1.29953	0.964654	0.985471	-1.01474	0.869685	1.05573	1.05573
cg08697251	LPCAT1	0.0503885	0.0198563	0.606629	-1.64846	0.10935	1.36387	1.36387	0.0813034	0.709286	-1.40987	0.265553	0.813639	-1.22905	0.445184	0.870798	-1.14837
cg02190038	FAM57B	0.0503894	0.169309	0.641176	-1.55963	0.00978087	2.69543	2.69543	0.175221	1.54899	1.54899	0.699686	1.12486	1.12486	0.111335	0.590695	-1.69292
cg22642909	PCDHA6;PCDHA2;PCDHA1;PCDHA7;PCDHA1;PCDHA8;PCDHA6;PCDHA5;PCDHA8;PCDHA3;PCDHA4	0.0503913	0.198451	3.72865	3.72865	0.188042	3.86055	3.86055	0.175545	4.03443	4.03443	0.610968	1.64343	1.64343	0.016879	0.059445	-16.8223
cg17397823	ZNF775	0.0503931	0.142154	0.772283	-1.29486	0.34812	0.853693	-1.17138	0.0474237	0.689784	-1.44973	0.403609	1.15022	1.15022	0.0487419	0.691709	-1.44569
cg10087598	PSMB8;PSMB8;PSMB8	0.0503941	0.0495277	0.756548	-1.32179	0.571353	1.07381	1.07381	0.0290476	0.725917	-1.37757	0.0728736	1.28286	1.28286	0.0753268	1.27956	1.27956
cg17089179	OXER1	0.0503962	0.410953	1.40698	1.40698	0.121158	0.505356	-1.9788	0.0676982	0.435538	-2.29601	0.998173	1.00093	1.00093	0.00815924	0.252842	-3.95504
cg11971944	HAPLN4	0.050398	0.0429638	0.337678	-2.9614	0.84257	0.911481	-1.09712	0.0231177	0.281971	-3.54646	0.667622	1.22306	1.22306	0.0808541	0.405633	-2.46528
cg11104088	TAF3	0.0503989	0.0874288	8.40926	8.40926	0.875356	1.1938	1.1938	0.0313838	17.2716	17.2716	0.568223	1.91729	1.91729	0.0182584	25.3604	25.3604
cg16577540	PFDN1	0.0503991	0.200183	0.915852	-1.09188	0.536873	0.960195	-1.04146	0.646971	1.03041	1.03041	0.589801	0.965263	-1.03599	0.662719	0.971895	-1.02892
cg06912964	SLC25A41	0.0503993	0.0313633	2.19507	2.19507	0.021021	2.3734	2.3734	0.200288	0.656232	-1.52385	0.0381075	2.11373	2.11373	0.0996177	0.570102	-1.75407
cg08688548	CPEB1	0.0503996	0.0564203	3.51365	3.51365	0.280749	1.91988	1.91988	0.335813	0.56136	-1.78139	0.0521082	3.61606	3.61606	0.423552	1.60885	1.60885
cg21664909	PXDN	0.0504008	0.987887	1.00416	1.00416	0.0043301	0.352827	-2.83425	0.0763984	0.583597	-1.71351	0.114759	1.5977	1.5977	0.603742	1.15379	1.15379
cg17172331	TNRC6C;TNRC6C	0.0504012	0.318068	2.29062	2.29062	0.0331742	7.38785	7.38785	0.0832076	4.66604	4.66604	0.631468	1.47423	1.47423	0.644821	0.68881	-1.45178
cg00514713	HECW1	0.0504019	0.883473	1.04924	1.04924	0.269847	1.45729	1.45729	0.961506	0.984307	-1.01594	0.641712	0.857632	-1.166	0.146114	1.66755	1.66755
cg08374687	ADAD1;ADAD1;ADAD1;ADAD1;ADAD1	0.0504034	0.0872879	0.739337	-1.35256	0.10548	1.327	1.327	0.380066	1.15493	1.15493	0.157093	1.27388	1.27388	0.931795	1.01379	1.01379
cg22883472	EBF2	0.0504044	0.0734876	0.664936	-1.50391	0.0496497	1.58081	1.58081	0.876233	0.968631	-1.03238	0.905887	0.976104	-1.02448	0.0135235	0.535235	-1.86834
cg26272072	B4GALT2;B4GALT2	0.0504047	0.892296	0.961813	-1.0397	0.661967	1.13478	1.13478	0.450947	0.801916	-1.24701	0.378236	1.29671	1.29671	0.116841	1.63175	1.63175
cg08053846	SERPINE1;SERPINE1	0.0504052	0.0278078	0.351851	-2.84211	0.0663772	0.437306	-2.28673	0.0346822	0.371883	-2.68902	0.045598	0.398181	-2.51142	0.00642713	0.240758	-4.15355
cg23349014	H2AFY;H2AFY;H2AFY;H2AFY	0.0504075	0.183233	1.26581	1.26581	0.0548953	0.695315	-1.4382	0.53687	1.11002	1.11002	0.0114826	1.69525	1.69525	0.6455	0.925596	-1.08039
cg10871721	SUMO3	0.0504076	0.866029	1.042	1.042	0.00575582	2.41534	2.41534	0.222004	1.36718	1.36718	0.0535117	0.586051	-1.70634	0.799594	1.06395	1.06395
cg18172802	UGGT1;UGGT1	0.0504086	0.967966	0.996226	-1.00379	0.0421645	0.802184	-1.2466	0.347564	0.912955	-1.09534	0.903824	0.988682	-1.01145	0.0585808	1.22286	1.22286
cg08815359	VGLL4;VGLL4;VGLL4;VGLL4	0.0504097	0.245908	1.74143	1.74143	0.010132	4.40449	4.40449	0.00897037	4.568	4.568	0.0988256	2.28701	2.28701	0.253384	0.579699	-1.72503
cg27207597	RAB11FIP3;RAB11FIP3	0.0504114	0.314607	1.29839	1.29839	0.291024	0.759466	-1.31671	0.147773	0.677087	-1.47691	0.541016	1.16811	1.16811	0.501922	0.842713	-1.18664
cg20227627	PRKCE	0.0504116	0.0740665	0.255922	-3.90743	0.142516	0.33985	-2.94248	0.115363	0.309754	-3.22836	0.885895	1.1033	1.1033	0.121174	0.316466	-3.1599
cg08164294	HOXA3;HOXA3;HOXA3	0.0504122	0.111145	3.89418	3.89418	0.0230034	8.41529	8.41529	0.0818855	4.5278	4.5278	0.00982234	12.8939	12.8939	0.129853	3.60297	3.60297
cg08431447	KCNJ11;KCNJ11	0.0504128	0.185439	0.776632	-1.28761	0.885368	0.974365	-1.02631	0.0958118	1.39002	1.39002	0.117707	1.35779	1.35779	0.473944	1.14009	1.14009
cg12470011	CDK18;CDK18;CDK18	0.0504136	0.520665	1.18689	1.18689	0.239316	1.38304	1.38304	0.0887042	0.610084	-1.63912	0.901612	1.03308	1.03308	0.757201	1.08503	1.08503
cg24617723	ZSWIM2	0.050414	0.189867	0.694637	-1.4396	0.841407	0.948786	-1.05398	0.983933	1.0053	1.0053	0.0357731	1.89856	1.89856	0.763213	1.08251	1.08251
cg09461395	OTOP2;USH1G	0.0504141	0.0954583	0.725155	-1.37902	0.0176524	0.602637	-1.65937	0.694952	0.933189	-1.07159	0.466964	0.878206	-1.13868	0.0113325	0.573313	-1.74425
cg03424602	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.0504146	0.722923	1.11512	1.11512	0.241639	1.4552	1.4552	0.266861	1.42486	1.42486	0.0203856	0.42503	-2.35277	0.00861638	0.358677	-2.78802
cg05804299	PBX1	0.0504151	0.0299868	0.559122	-1.78852	0.594838	1.13002	1.13002	0.121772	0.682515	-1.46517	0.451493	0.839716	-1.19088	0.00477918	0.426164	-2.34652
cg00238818	PRR7	0.0504157	0.0466601	0.245699	-4.07002	0.0501916	0.252654	-3.95799	0.352571	0.554642	-1.80296	0.532275	0.677201	-1.47667	0.0307367	0.209372	-4.7762
cg19863411	PCYT2	0.0504173	0.403355	0.729651	-1.37052	0.0599271	0.457334	-2.18658	0.270625	1.52617	1.52617	0.37593	1.39783	1.39783	0.0022196	0.206006	-4.85422
cg16525066	CDH11	0.050418	0.864451	1.03988	1.03988	0.0205701	1.89351	1.89351	0.00253441	2.60915	2.60915	0.53534	1.1545	1.1545	0.265711	1.304	1.304
cg06353098	KRT5	0.0504201	0.224874	0.680505	-1.4695	0.428629	0.78349	-1.27634	0.328048	0.737243	-1.3564	0.75825	1.0977	1.0977	0.00104343	0.230983	-4.32932
cg11151524	INPP5A	0.0504202	0.861769	0.953164	-1.04914	0.0327999	1.98833	1.98833	0.0580602	1.8033	1.8033	0.0817143	1.70061	1.70061	0.135881	0.642538	-1.55633
cg10242788	ADAM5P	0.0504212	0.329059	0.521422	-1.91783	0.375644	1.80002	1.80002	0.494373	0.638513	-1.56614	0.0632747	0.259159	-3.85863	0.64725	0.74242	-1.34695
cg06815302	PRIM2	0.0504213	0.0633012	0.335589	-2.97984	0.0190195	0.226659	-4.41192	0.0252483	0.248826	-4.01888	0.436917	1.51378	1.51378	0.0257118	0.250314	-3.99498
cg08074427	BLVRA	0.0504225	0.555556	1.09006	1.09006	0.825548	0.968575	-1.03244	0.580764	1.08403	1.08403	0.417214	1.1274	1.1274	0.448149	1.1183	1.1183
cg22901212	GRIN3B	0.0504244	0.0506527	0.136406	-7.33108	0.027651	0.0973812	-10.2689	0.121494	0.222741	-4.48952	0.067541	0.160073	-6.24714	0.0343967	0.110001	-9.09083
cg07005459	NFKBIL2	0.0504248	0.989939	0.996076	-1.00394	0.0340654	0.462445	-2.16242	0.426913	0.776526	-1.28779	0.0127668	0.38114	-2.62371	0.0049556	0.313461	-3.19019
cg08746254	OTOP2	0.0504252	0.910843	0.973652	-1.02706	0.00985896	2.17594	2.17594	0.0221776	0.520132	-1.92259	0.635717	0.892482	-1.12047	0.352246	0.79597	-1.25633
cg10012530	HS6ST1	0.0504264	0.43634	0.758006	-1.31925	0.249244	1.52222	1.52222	0.0462787	2.21794	2.21794	0.0999068	1.87583	1.87583	0.0691743	0.491933	-2.0328
cg08545287	A2BP1;A2BP1	0.0504264	0.116052	0.712899	-1.40272	0.00344037	2.19735	2.19735	0.518995	1.1383	1.1383	0.46266	1.15967	1.15967	0.0780806	0.678493	-1.47386
cg01798661	NEK5	0.0504269	0.208053	1.21335	1.21335	0.539114	1.09482	1.09482	0.00824861	0.611258	-1.63597	0.0472272	1.39207	1.39207	0.490463	1.10744	1.10744
cg20321706	GALNT9	0.0504274	0.340488	1.5003	1.5003	0.167798	1.8351	1.8351	0.823508	1.09664	1.09664	0.668853	0.837203	-1.19445	0.00364174	0.197032	-5.07532
cg16500810	CRKL	0.0504278	0.736145	0.924894	-1.08121	0.006557	2.25969	2.25969	0.171889	0.714812	-1.39897	0.36983	1.23691	1.23691	0.908886	0.973916	-1.02678
cg02155675	SSX3	0.0504295	0.435886	0.685718	-1.45833	0.0704062	0.382962	-2.61123	0.0299318	0.297513	-3.3612	0.098503	0.42318	-2.36306	0.0103798	0.216098	-4.62754
cg02901177	KCTD1;KCTD1;KCTD1	0.0504303	0.110589	0.752778	-1.32841	0.410975	1.1472	1.1472	0.819542	1.03803	1.03803	0.491507	1.12089	1.12089	0.00551086	0.551055	-1.8147
cg18191605	SPATA2;SPATA2;SPATA2	0.0504315	0.830723	1.07987	1.07987	0.00794855	0.294773	-3.39244	0.0469494	0.44206	-2.26214	0.427297	1.33767	1.33767	0.498544	0.781438	-1.27969
cg04180299	RLTPR	0.0504328	0.933675	0.955039	-1.04708	0.257505	0.520433	-1.92148	0.277445	1.86687	1.86687	0.940117	0.959326	-1.0424	0.0209129	0.215235	-4.64608
cg03600687	BOK	0.0504328	0.289335	1.14878	1.14878	0.411132	1.11181	1.11181	0.903748	0.98486	-1.01537	0.717561	0.955224	-1.04688	0.798288	0.96822	-1.03282
cg14415079	VAV2;VAV2	0.0504341	0.0217719	0.324065	-3.0858	0.0351797	0.366433	-2.72901	0.116932	0.498113	-2.00758	0.58952	0.800209	-1.24967	0.0253944	0.337149	-2.96605
cg03387311	PLD6	0.0504343	0.197027	0.853533	-1.1716	0.026597	1.35686	1.35686	0.0124413	0.696856	-1.43502	0.672021	1.05069	1.05069	0.999831	0.999975	-1.00002
cg00489169	WDR75	0.0504346	0.0622027	0.77711	-1.28682	0.472175	0.915908	-1.09181	0.133317	1.21472	1.21472	0.624927	1.06097	1.06097	0.855269	0.978307	-1.02217
cg07050011	GSTM3;GSTM3	0.0504382	0.0261952	0.646638	-1.54646	0.0185441	1.60309	1.60309	0.915107	1.01778	1.01778	0.993422	1.00136	1.00136	0.738081	0.946039	-1.05704
cg08769212	TMEM175	0.0504391	0.89144	0.940208	-1.06359	0.106453	0.451178	-2.21642	0.213954	0.553895	-1.8054	0.755255	0.868335	-1.15163	0.00208661	0.141488	-7.06776
cg14018141	CD300A	0.0504424	0.105602	0.475099	-2.10483	0.0588986	0.407356	-2.45486	0.0410738	0.370721	-2.69745	0.124584	0.496596	-2.01371	0.0918093	0.457768	-2.18451
cg02550119	LIG3;LIG3	0.0504428	0.135534	0.508415	-1.9669	0.0219944	0.314983	-3.17477	0.165073	0.536509	-1.8639	0.871595	0.934244	-1.07038	0.622408	1.23209	1.23209
cg00873850	PDGFRA	0.050443	0.0221522	0.774173	-1.2917	0.0262167	1.27901	1.27901	0.359938	0.915914	-1.09181	0.152496	0.866744	-1.15374	0.527238	1.0616	1.0616
cg12970937	CALCR;CALCR;CALCR	0.0504435	0.0218742	0.37083	-2.69666	0.188371	0.604938	-1.65306	0.0131137	0.329746	-3.03264	0.606638	0.829201	-1.20598	0.698013	0.86883	-1.15097
cg21408061	SSR2	0.050444	0.0357173	0.116869	-8.55655	0.076022	0.17655	-5.66413	0.467217	0.522166	-1.9151	0.291269	0.382179	-2.61657	0.00794896	0.0503368	-19.8662
cg15899032	TRRAP	0.0504442	0.573329	0.794456	-1.25872	0.750908	1.13744	1.13744	0.180024	0.56229	-1.77844	0.339733	1.48866	1.48866	0.00142455	0.154735	-6.46266
cg08351088	ARL8B	0.0504447	0.204008	1.58337	1.58337	0.887859	0.952782	-1.04956	0.0966276	0.535114	-1.86876	0.787222	0.911425	-1.09718	0.051661	0.468019	-2.13666
cg00240809	C16orf68;C16orf68	0.0504456	0.365785	1.40543	1.40543	0.378288	1.3925	1.3925	0.0775873	2.05137	2.05137	0.00370233	0.23775	-4.20609	0.537924	0.795776	-1.25664
cg05959392	C10orf32;C10orf32	0.0504459	0.521006	0.84466	-1.18391	0.344995	1.28712	1.28712	0.00753419	2.44085	2.44085	0.0916861	0.617602	-1.61917	0.0343073	0.52689	-1.89793
cg22174681	PRKCZ;PRKCZ	0.050446	0.0545496	0.148425	-6.73743	0.644874	1.50071	1.50071	0.0625461	6.25458	6.25458	0.608236	0.63621	-1.57181	0.0181901	0.0814239	-12.2814
cg16781189	C20orf112	0.0504463	0.213642	0.851396	-1.17454	0.782795	0.966619	-1.03453	0.325087	0.882638	-1.13297	0.632286	1.06102	1.06102	0.241731	0.860243	-1.16246
cg06253862	SNORA20;TCP1;TCP1	0.0504471	0.939333	1.01479	1.01479	0.0159994	0.566238	-1.76604	0.374786	1.19207	1.19207	0.670511	1.08604	1.08604	0.0340325	1.61149	1.61149
cg25004868	AGPAT5	0.0504474	0.407293	0.838305	-1.19288	0.632796	1.10534	1.10534	0.0143101	1.87468	1.87468	0.353625	1.21966	1.21966	0.00615205	0.475375	-2.1036
cg18413131	NUDT16P;NUDT16P	0.0504482	0.038766	41.7338	41.7338	0.0694778	23.7117	23.7117	0.166713	9.9622	9.9622	0.313645	5.07761	5.07761	0.140672	11.8337	11.8337
cg21211357	CPM;CPM;CPM	0.0504486	0.0919022	2.46477	2.46477	0.134515	2.19127	2.19127	0.942764	1.03552	1.03552	0.108183	2.34447	2.34447	0.213601	0.529037	-1.89023
cg18463174	ZC3HAV1;ZC3HAV1	0.0504487	0.417371	0.728039	-1.37355	0.703957	1.15743	1.15743	0.737797	1.13732	1.13732	0.224122	0.613194	-1.6308	0.54626	0.79148	-1.26346
cg19950079	PHIP	0.0504514	0.561344	1.10151	1.10151	0.268486	1.20893	1.20893	0.0924149	0.73721	-1.35647	0.879024	1.02539	1.02539	0.786253	0.95624	-1.04576
cg18457773	KIF3B	0.0504528	0.934037	0.987116	-1.01305	0.00111957	2.12063	2.12063	0.19668	1.23842	1.23842	0.459856	0.888802	-1.12511	0.345161	1.16452	1.16452
cg02335517	IL6	0.050453	0.221562	1.27559	1.27559	0.0251117	1.65649	1.65649	0.593816	1.10736	1.10736	0.00125665	2.4407	2.4407	0.695602	1.07734	1.07734
cg04937696	PKD1L1	0.0504535	0.0590532	0.724841	-1.37961	0.0500074	0.713627	-1.40129	0.0427034	0.703143	-1.42219	0.184888	0.80874	-1.23649	0.00413786	0.559674	-1.78675
cg08862818	ARMC5;ARMC5;ARMC5;ARMC5	0.0504553	0.153904	1.16563	1.16563	0.154628	0.858169	-1.16527	0.318844	0.901738	-1.10897	0.305014	1.11253	1.11253	0.0831213	0.824799	-1.21242
cg02696327	CBLN1	0.050456	0.103845	5.9875	5.9875	0.0205114	16.5921	16.5921	0.0348383	11.8819	11.8819	0.282085	0.32471	-3.07967	0.111736	5.71434	5.71434
cg14342817	AGPAT4	0.0504563	0.232267	0.787427	-1.26996	0.0640931	1.48728	1.48728	0.0120549	0.55032	-1.81712	0.167536	1.32399	1.32399	0.480303	0.872079	-1.14668
cg12558519	KLHL26	0.0504567	0.0458413	7.30875	7.30875	0.754886	1.31278	1.31278	0.196679	3.27457	3.27457	0.989341	1.01168	1.01168	0.367352	0.447233	-2.23597
cg05529754	ZDHHC7;ZDHHC7	0.0504568	0.759231	0.944138	-1.05917	0.702662	1.07435	1.07435	0.0964864	1.40668	1.40668	0.489887	1.14014	1.14014	0.00445015	0.491882	-2.03301
cg01811561	GFOD2;GFOD2;GFOD2	0.0504573	0.143812	0.664257	-1.50544	0.968413	0.989739	-1.01037	0.678785	1.11457	1.11457	0.00131988	0.296087	-3.37738	0.738062	0.916289	-1.09136
cg17839131	RAB11FIP4	0.0504574	0.134243	0.812658	-1.23053	0.784496	1.03584	1.03584	0.105334	0.796678	-1.25521	0.50684	0.917127	-1.09036	0.0260436	0.712279	-1.40394
cg06621080	NAV1	0.0504579	0.0903035	0.550014	-1.81813	0.0858722	1.83662	1.83662	0.34192	0.730793	-1.36838	0.552321	1.21234	1.21234	0.00514494	0.306219	-3.26564
cg17945976	MEIS1	0.0504585	0.0273601	0.136509	-7.32553	0.0989387	0.251556	-3.97525	0.74136	1.28746	1.28746	0.102493	0.255869	-3.90825	0.0660537	0.207412	-4.82132
cg11081186	LOC729678	0.0504587	0.51883	0.814012	-1.22848	0.25211	1.45704	1.45704	0.0496079	2.02336	2.02336	0.105678	0.573445	-1.74385	0.00989618	0.35866	-2.78816
cg03310087	IGF1R	0.0504594	0.495872	0.486098	-2.0572	0.00864141	0.030422	-32.8709	0.0356548	0.0780181	-12.8175	0.27893	0.309009	-3.23615	0.0271007	0.06526	-15.3233
cg01033938	ADAMTS8	0.05046	0.346644	0.759245	-1.3171	0.476963	1.22816	1.22816	0.904601	0.966498	-1.03466	0.387703	0.777539	-1.28611	0.0700766	0.562386	-1.77814
cg07602847	DKFZp761E198;DKFZp761E198	0.0504604	0.622577	1.08565	1.08565	0.136073	1.30483	1.30483	0.480245	1.12622	1.12622	0.126995	1.31445	1.31445	0.135268	1.30566	1.30566
cg18263572	ZBTB48	0.0504606	0.704235	1.07303	1.07303	0.0208817	1.6716	1.6716	0.533442	0.889972	-1.12363	0.235342	0.794653	-1.25841	0.786848	1.05137	1.05137
cg00664792	SMOC2;SMOC2	0.0504625	0.300875	0.726308	-1.37683	0.700707	0.891178	-1.12211	0.0146436	0.407954	-2.45126	0.794483	0.925079	-1.08099	0.0188606	0.428042	-2.33622
cg07278158	CCHCR1;CCHCR1;CCHCR1	0.0504625	0.62142	0.865047	-1.15601	0.0704799	0.555017	-1.80175	0.156869	0.643416	-1.5542	0.6266	1.15349	1.15349	0.0186329	0.43577	-2.29479
cg18108008	BMP8B;BMP8B	0.0504627	0.230502	1.26609	1.26609	0.240489	0.794146	-1.25921	0.0449223	1.53983	1.53983	0.0546444	0.664409	-1.5051	0.663493	0.921171	-1.08558
cg11671075	DIP2C	0.0504628	0.105894	0.689877	-1.44953	0.0581881	1.56832	1.56832	0.131386	0.710097	-1.40826	0.159535	0.72909	-1.37157	0.0451636	0.616878	-1.62107
cg18049571	RGS20	0.050463	0.0689927	3.52744	3.52744	0.758461	1.21054	1.21054	0.501887	1.52532	1.52532	0.304975	1.93103	1.93103	0.463576	0.629919	-1.58751
cg11617484	TUBGCP2	0.0504645	0.935899	0.987535	-1.01262	0.486968	1.11644	1.11644	0.0100329	0.602401	-1.66002	0.200007	1.23507	1.23507	0.890326	0.978714	-1.02175
cg00027466	VHLL;VHLL	0.0504647	0.0680256	0.508802	-1.9654	0.203113	0.641341	-1.55923	0.31619	0.709909	-1.40863	0.967438	1.01359	1.01359	0.0167443	0.380817	-2.62593
cg08415141	GABBR1;GABBR1	0.0504651	0.0372394	0.38712	-2.58318	0.0335712	0.377436	-2.64945	0.909186	0.956206	-1.0458	0.401801	0.71407	-1.40042	0.0185116	0.325955	-3.06791

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07832337	0.0949262	6.85997	6.85997	0.175191	4.53987	4.53987	0.0205483	18.689	18.689	0.00714115	38.3078	38.3078	3.37885	58.924	15.5014	1
cg15387278	0.0479477	0.665313	-1.50305	0.881616	1.02722	1.02722	0.199083	0.783059	-1.27704	0.362687	0.84484	-1.18366	3.37883	1.73811	0.457256	1
cg20385284	0.439322	0.809242	-1.23572	0.664724	1.12414	1.12414	0.00515893	2.69416	2.69416	0.64527	0.883036	-1.13246	3.3788	3.85351	1.01377	1
cg17024258	0.959755	0.993127	-1.00692	0.454005	1.10987	1.10987	0.646012	1.06525	1.06525	0.316776	0.868096	-1.15195	3.37878	0.999657	0.262989	1
cg02993606	0.272788	0.62298	-1.60519	0.0895467	0.460201	-2.17297	0.924278	1.0402	1.0402	0.144452	0.522062	-1.91548	3.37877	9.19897	2.42007	1
cg26501269	0.185758	0.80889	-1.23626	0.289758	0.846961	-1.18069	0.289049	0.846739	-1.181	0.0111555	1.61745	1.61745	3.37876	1.22279	0.321694	1
cg09351715	0.304218	0.772394	-1.29468	0.284278	1.30993	1.30993	0.460191	0.833184	-1.20022	0.949258	0.984672	-1.01557	3.37873	3.15234	0.829328	1
cg09498014	0.00952569	0.657945	-1.51988	0.320653	1.13975	1.13975	0.024857	0.711465	-1.40555	0.0403957	0.739478	-1.3523	3.37872	0.869607	0.22878	1
cg01211137	0.210019	0.419142	-2.38582	0.00772204	0.105121	-9.51287	0.0135979	0.134033	-7.46083	0.0515294	0.232497	-4.30114	3.37869	23.1847	6.09959	1
cg04901374	0.211699	0.851171	-1.17485	0.528292	0.92473	-1.0814	0.0106623	1.48172	1.48172	0.0364646	0.742471	-1.34685	3.37866	0.80273	0.211189	1
cg04762347	0.823274	0.971267	-1.02958	0.00403681	0.60452	-1.65421	0.485634	0.911793	-1.09674	0.343481	0.880566	-1.13563	3.37866	0.908959	0.239137	1
cg04599817	0.202667	0.200604	-4.98496	0.36916	2.99494	2.99494	0.0122399	46.0454	46.0454	0.930441	1.10895	1.10895	3.66562	79.7339	16.918	1
cg09807914	0.109877	0.461814	-2.16537	0.00839716	0.224794	-4.44851	0.0256811	0.308881	-3.23749	0.0720365	0.410584	-2.43555	3.37864	10.5163	2.76675	1
cg22036538	0.343226	0.801985	-1.24691	0.147233	0.703642	-1.42118	0.139908	1.43181	1.43181	0.0946344	0.660229	-1.51463	3.37859	2.73282	0.718992	1
cg05675372	0.36945	1.20924	1.20924	0.0280822	1.70693	1.70693	0.440306	0.850259	-1.17611	0.402119	1.19333	1.19333	3.37856	2.27342	0.59813	1
cg09554599	0.485706	0.917666	-1.08972	0.0925184	1.25176	1.25176	0.188019	1.18436	1.18436	0.379356	1.11559	1.11559	3.37853	0.787195	0.20711	1
cg03001305	0.0831435	0.310055	-3.22523	0.0663991	0.284591	-3.51381	0.0546773	0.264366	-3.78263	0.247663	0.478175	-2.09128	3.3785	19.9374	5.24556	1
cg23916679	0.122483	0.338125	-2.95748	0.331113	0.522206	-1.91495	0.492297	0.636458	-1.5712	0.0707138	0.270239	-3.70043	3.37848	22.4607	5.90948	1
cg14814714	0.251752	0.708294	-1.41184	0.140728	0.633542	-1.57843	0.869317	1.04857	1.04857	0.914201	0.969432	-1.03153	3.37846	4.43977	1.16813	1
cg06255037	0.0454633	2.48412	2.48412	0.0232324	2.93301	2.93301	0.906592	0.95451	-1.04766	0.0107562	3.56464	3.56464	3.37846	8.4175	2.21469	1
cg11653758	0.803485	1.06688	1.06688	0.0318165	0.520303	-1.92196	0.304938	0.758921	-1.31766	0.224193	1.39313	1.39313	3.37845	3.60775	0.949217	1
cg21537245	0.96058	0.983402	-1.01688	0.547252	1.22907	1.22907	0.345296	0.719532	-1.38979	0.235439	1.5236	1.5236	3.37845	6.13582	1.61437	1
cg09167779	0.938127	1.02228	1.02228	0.0301112	0.484815	-2.06264	0.912522	0.969287	-1.03169	0.0110575	0.404708	-2.47092	3.37843	4.3115	1.13439	1
cg23703062	0.365496	0.64058	-1.56109	0.0468622	0.336252	-2.97396	0.124951	2.21574	2.21574	0.266206	1.74183	1.74183	3.37843	12.2772	3.23022	1
cg22459948	0.543622	1.09692	1.09692	0.181017	0.80758	-1.23827	0.439059	0.888018	-1.1261	0.0583937	1.37966	1.37966	3.37838	1.21166	0.318802	1
cg04012844	0.277705	0.434677	-2.30056	0.0746326	0.230914	-4.33062	0.265428	0.424621	-2.35504	0.210879	0.37796	-2.64578	3.37835	29.1462	7.66876	1
cg02606575	0.889584	0.985264	-1.01496	0.053089	1.26476	1.26476	0.143988	0.845559	-1.18265	0.13576	0.842137	-1.18746	3.37832	0.611095	0.160788	1
cg17165766	0.185695	0.850493	-1.17579	0.0321376	1.33594	1.33594	0.876469	1.01811	1.01811	0.169483	1.184	1.184	3.37832	0.712539	0.18748	1
cg06800301	0.257986	0.777568	-1.28606	0.00276289	0.414798	-2.41081	0.651222	0.907559	-1.10186	0.351449	0.815143	-1.22678	3.37831	2.43066	0.639547	1
cg27204535	0.717286	0.891452	-1.12177	0.013029	0.377776	-2.64707	0.186861	1.556	1.556	0.192983	1.54549	1.54549	3.37828	5.34253	1.40572	1
cg22961716	0.523687	0.928223	-1.07733	0.0261705	1.35536	1.35536	0.427855	1.09779	1.09779	0.638786	0.946967	-1.056	3.37828	0.710737	0.187009	1
cg19996501	0.825033	1.18411	1.18411	0.208653	2.75006	2.75006	0.0262494	7.47941	7.47941	0.0507495	5.46768	5.46768	3.37825	31.1685	8.20109	1
cg24163668	0.0445925	2.05274	2.05274	0.0314895	0.45536	-2.19607	0.509661	1.23193	1.23193	0.285645	0.707636	-1.41316	3.37823	5.20338	1.36913	1
cg20952768	0.0807525	0.833127	-1.2003	0.0130131	0.747899	-1.33708	0.0212047	0.770148	-1.29845	0.323899	0.908423	-1.10081	3.37822	0.47549	0.125113	1
cg21740964	0.0794939	2.60644	2.60644	0.0045434	6.4269	6.4269	0.0659875	2.7598	2.7598	0.0929887	2.48331	2.48331	3.37822	12.96	3.41008	1
cg05886671	0.693898	0.916487	-1.09112	0.0025684	0.397824	-2.51368	0.0356491	1.71447	1.71447	0.496498	0.8588	-1.16442	3.37822	2.60063	0.684288	1
cg17779658	0.944102	1.01604	1.01604	0.918267	1.02356	1.02356	0.991229	0.997509	-1.0025	0.0918201	0.656289	-1.52372	3.37821	2.75463	0.724811	1
cg10400440	0.318794	0.710341	-1.40778	0.0074132	3.27703	3.27703	0.0198689	2.60364	2.60364	0.0288894	2.39514	2.39514	3.6651	6.19829	1.31535	1
cg08697251	0.130488	1.33683	1.33683	0.0493563	0.671172	-1.48993	0.312656	0.830566	-1.204	0.0602605	0.68613	-1.45745	3.37817	1.69056	0.444833	1
cg02190038	0.669711	1.1391	1.1391	0.57747	1.18628	1.18628	0.0258759	0.448005	-2.23212	0.693771	0.886815	-1.12763	3.37815	4.92951	1.2971	1
cg22642909	0.359206	0.401351	-2.49158	0.127927	4.9222	4.9222	0.0160191	17.3737	17.3737	0.301725	2.81821	2.81821	3.3781	50.1696	13.2013	1
cg17397823	0.214785	0.807475	-1.23843	0.0120175	1.67029	1.67029	0.715746	1.06172	1.06172	0.30723	0.841066	-1.18897	3.37805	1.43463	0.377503	1
cg10087598	0.877946	0.981049	-1.01932	0.097321	1.25422	1.25422	0.15777	0.828583	-1.20688	0.654807	1.05762	1.05762	3.37802	0.82921	0.218197	1
cg17089179	0.214504	1.7001	1.7001	0.0590358	2.37683	2.37683	0.490935	0.752665	-1.32861	0.358799	0.681679	-1.46697	3.37797	8.8232	2.32176	1
cg11971944	0.516476	0.735936	-1.35881	0.0154445	0.250313	-3.995	0.014321	0.244737	-4.08601	0.0899701	0.418495	-2.38951	3.37793	11.6227	3.05846	1
cg11104088	0.0783242	9.08884	9.08884	0.112169	7.04212	7.04212	0.00730838	49.5656	49.5656	0.0434649	13.7415	13.7415	3.3779	68.131	17.9285	1
cg16577540	0.705707	1.02495	1.02495	0.000814702	0.720459	-1.388	0.476917	0.954109	-1.0481	0.921518	1.00642	1.00642	3.3779	0.225726	0.0593996	1
cg06912964	0.586615	0.842863	-1.18643	0.7903	0.920365	-1.08653	0.526709	1.22106	1.22106	0.421801	0.774527	-1.29111	3.37789	5.18658	1.36484	1
cg08688548	0.422466	1.61073	1.61073	0.0135413	5.91677	5.91677	0.0157914	5.58744	5.58744	0.0302747	4.40103	4.40103	3.37789	18.1071	4.76487	1
cg21664909	0.828599	0.942487	-1.06102	0.740108	1.09521	1.09521	0.0781651	1.70684	1.70684	0.712002	1.10661	1.10661	3.37785	3.9928	1.05071	1
cg17172331	0.811627	1.21137	1.21137	0.0175959	10.1739	10.1739	0.00550053	18.7497	18.7497	0.0808603	4.73366	4.73366	3.37784	34.5066	9.08051	1
cg00514713	0.0823061	1.87913	1.87913	0.00540618	3.32014	3.32014	0.375848	1.34698	1.34698	0.035077	0.447217	-2.23605	3.37783	5.74636	1.51218	1
cg08374687	0.720365	1.05919	1.05919	0.00331108	1.89632	1.89632	0.0713778	1.38006	1.38006	0.33178	1.17372	1.17372	3.37779	1.36896	0.360253	1
cg22883472	0.0215787	0.568777	-1.75816	0.0981667	0.690082	-1.4491	0.445955	0.853108	-1.17218	0.659633	0.913354	-1.09487	3.37776	2.23697	0.588678	1
cg26272072	0.0336225	2.04061	2.04061	0.0107067	0.397765	-2.51405	0.124158	1.61368	1.61368	?	?	?	3.42745	3.98563	1.16286	1
cg08053846	0.0827763	0.4622	-2.16356	0.27266	0.632135	-1.58194	0.0783768	0.455899	-2.19347	0.0629339	0.43152	-2.31739	3.37774	8.63298	2.27186	1
cg23349014	0.101827	0.741608	-1.34842	0.114418	0.750808	-1.3319	0.198142	0.796902	-1.25486	0.342199	0.849292	-1.17745	3.37768	1.49045	0.392236	1
cg10871721	0.391801	1.23836	1.23836	0.114641	1.51906	1.51906	0.0538719	1.70461	1.70461	0.503879	0.847657	-1.17972	3.37768	3.17628	0.835887	1
cg18172802	0.118388	0.852458	-1.17308	0.00862613	1.37074	1.37074	0.458466	0.931385	-1.07367	0.828872	1.02059	1.02059	3.37765	0.47428	0.124815	1
cg08815359	0.15668	1.99862	1.99862	0.396368	0.672338	-1.48735	0.469408	1.39994	1.39994	0.570874	1.29927	1.29927	3.37763	11.1767	2.94137	1
cg27207597	0.0372672	0.544935	-1.83508	0.00567693	2.48706	2.48706	0.420558	0.813318	-1.22953	0.489857	1.19261	1.19261	3.37758	3.37303	0.887692	1
cg20227627	0.189415	0.386072	-2.59019	0.00331188	0.0646588	-15.4658	0.188906	0.385601	-2.59336	0.0152673	0.130094	-7.68673	3.37758	25.0742	6.59886	1
cg08164294	0.0289317	7.51927	7.51927	0.449174	1.82966	1.82966	0.0544305	5.52641	5.52641	0.0223894	8.52825	8.52825	3.37756	32.8253	8.63879	1
cg08431447	0.00300114	0.480637	-2.08057	0.562599	1.11114	1.11114	0.909164	0.979663	-1.02076	0.74158	0.942166	-1.06138	3.37755	1.73363	0.456249	1
cg12470011	0.0657287	1.72194	1.72194	0.0480941	1.81218	1.81218	0.00390952	2.77912	2.77912	0.449018	1.2251	1.2251	3.37753	3.70455	0.974954	1
cg24617723	0.324752	0.765789	-1.30584	0.00267948	0.336508	-2.9717	0.712454	1.10202	1.10202	0.994726	1.00174	1.00174	3.37752	3.68348	0.969412	1
cg09461395	0.0974897	1.37581	1.37581	0.355637	0.846444	-1.18141	0.226087	1.24985	1.24985	0.386858	0.855876	-1.16839	3.37751	1.64672	0.433381	1
cg03424602	0.809208	1.07685	1.07685	0.059281	0.521134	-1.91889	0.538867	1.20979	1.20979	0.7432	0.904271	-1.10586	3.3775	5.01156	1.31894	1
cg05804299	0.181805	0.724155	-1.38092	0.349972	1.24494	1.24494	0.871906	0.963921	-1.03743	0.0432288	0.588871	-1.69817	3.37749	2.77394	0.730046	1
cg00238818	0.0718406	0.289869	-3.44983	0.00685585	0.115611	-8.64969	0.0265529	0.197899	-5.05309	0.0646773	0.278414	-3.59177	3.37748	20.3095	5.34509	1
cg19863411	0.153728	0.569535	-1.75582	0.392591	0.724109	-1.38101	0.423722	0.739966	-1.35141	0.902298	1.04631	1.04631	3.37743	7.26691	1.91254	1
cg16525066	0.0975823	1.51592	1.51592	0.438434	0.834538	-1.19827	0.516482	1.16247	1.16247	0.739742	0.92654	-1.07928	3.37741	2.80173	0.737376	1
cg06353098	0.304671	0.725444	-1.37847	0.505735	1.22617	1.22617	0.614253	1.16586	1.16586	0.361148	0.753181	-1.3277	3.37736	4.8769	1.28355	1
cg11151524	0.169738	0.668615	-1.49563	0.125875	0.633918	-1.57749	0.179333	1.4808	1.4808	0.204349	0.691663	-1.44579	3.37736	4.05205	1.06646	1
cg10242788	0.0118735	0.131301	-7.61607	0.0049099	0.0898689	-11.1273	0.214616	0.429748	-2.32695	0.104191	0.317148	-3.1531	3.37733	22.3542	5.88345	1
cg06815302	0.170064	0.465813	-2.14678	0.0418287	0.293341	-3.40901	0.0801489	0.362428	-2.75917	0.105722	0.396976	-2.51904	3.37733	14.6197	3.8478	1
cg08074427	0.371174	1.14204	1.14204	0.00115114	0.501091	-1.99565	0.848946	0.972798	-1.02796	0.645368	0.935172	-1.06932	3.3773	1.11901	0.294517	1
cg22901212	0.0546165	0.142236	-7.03059	0.0165612	0.0729261	-13.7125	0.0222768	0.0862568	-11.5933	0.0592169	0.148775	-6.72158	3.37725	42.8001	11.2649	1
cg07005459	0.434683	1.28213	1.28213	0.836201	1.06668	1.06668	0.57757	0.839104	-1.19175	0.498543	0.807173	-1.23889	3.37724	5.19973	1.36857	1
cg08746254	0.0599321	0.602925	-1.65858	0.184601	1.39856	1.39856	0.948913	1.01539	1.01539	0.875552	1.03807	1.03807	3.37723	3.03942	0.799977	1
cg10012530	0.202543	1.59905	1.59905	0.01399	0.346844	-2.88314	0.985969	1.00615	1.00615	0.808979	1.08817	1.08817	3.3772	6.51124	1.71378	1
cg08545287	0.738199	1.06872	1.06872	0.96001	1.00998	1.00998	0.118813	1.39857	1.39857	0.980093	1.00496	1.00496	3.3772	2.09974	0.552657	1
cg01798661	0.151774	1.25073	1.25073	0.0366566	1.42437	1.42437	0.735789	1.05058	1.05058	0.48192	1.10975	1.10975	3.37719	1.13533	0.298823	1
cg20321706	0.770671	1.12829	1.12829	0.721248	1.15945	1.15945	0.0687328	2.3194	2.3194	0.116634	2.02189	2.02189	3.37717	9.12154	2.40083	1
cg16500810	0.0616228	1.62581	1.62581	0.28392	0.773371	-1.29304	0.471598	0.844466	-1.18418	0.0434928	1.70911	1.70911	3.37716	2.85062	0.750298	1
cg02155675	0.831355	1.10652	1.10652	0.0328797	0.305903	-3.26901	0.01756	0.253708	-3.94154	0.142633	0.473342	-2.11264	3.37712	12.0489	3.17137	1
cg02901177	0.218896	0.809609	-1.23516	0.0297526	0.658489	-1.51863	0.0586203	0.705443	-1.41755	0.738258	1.05631	1.05631	3.3771	1.42693	0.375583	1
cg18191605	0.735929	0.88559	-1.12919	0.00997929	0.311033	-3.21509	0.686237	0.864352	-1.15694	0.371222	1.39037	1.39037	3.37707	6.89138	1.8139	1
cg04180299	0.931487	1.04867	1.04867	0.442851	0.648922	-1.54102	0.00423001	8.30213	8.30213	0.947276	0.964109	-1.03723	3.37704	16.3378	4.30038	1
cg03600687	0.387551	0.894323	-1.11816	0.00309449	0.600203	-1.6661	0.625334	0.939826	-1.06403	0.0319393	1.373	1.373	3.37704	0.850588	0.223888	1
cg14415079	0.0390987	0.376417	-2.65663	0.0209872	0.321011	-3.11516	0.0745972	0.44365	-2.25403	0.0340523	0.363405	-2.75175	3.377	8.95499	2.35712	1
cg03387311	0.188881	0.850749	-1.17543	0.0848117	1.24772	1.24772	0.426593	1.09885	1.09885	0.360291	1.1154	1.1154	3.377	0.721175	0.189827	1
cg00489169	0.511008	0.923044	-1.08337	0.372908	0.895945	-1.11614	0.0932908	0.801117	-1.24826	0.0056437	1.54697	1.54697	3.37699	0.771674	0.203119	1
cg07050011	0.181566	1.26416	1.26416	0.813914	0.961776	-1.03974	0.3849	0.863079	-1.15864	0.0195695	0.627319	-1.59409	3.3769	1.46118	0.38462	1
cg08769212	0.233985	1.75649	1.75649	0.196041	0.539409	-1.85388	0.764477	1.14529	1.14529	0.0875373	0.426752	-2.34328	3.37688	10.902	2.86972	1
cg14018141	0.243398	0.59819	-1.67171	0.00586458	0.219113	-4.56385	0.0141801	0.279725	-3.57494	0.944001	0.97086	-1.03001	3.37679	9.4777	2.49486	1
cg02550119	0.0215932	0.313451	-3.19029	0.00595703	0.220473	-4.5357	0.084278	0.447948	-2.2324	0.311769	0.644028	-1.55273	3.37678	9.45582	2.48911	1
cg00873850	0.962965	0.995676	-1.00434	0.82328	1.02109	1.02109	0.0551399	1.22495	1.22495	0.109159	1.17706	1.17706	3.37678	0.46572	0.122594	1
cg12970937	0.341681	1.42379	1.42379	0.903123	0.957038	-1.04489	0.0419405	2.32885	2.32885	0.174675	0.594143	-1.6831	3.37677	6.95503	1.83082	1
cg21408061	0.161089	0.268556	-3.72362	0.0173599	0.0785061	-12.7379	0.0264551	0.0991369	-10.0871	0.0566277	0.150285	-6.65404	3.37675	41.258	10.8607	1
cg15899032	0.47842	0.747208	-1.33831	0.0945686	0.475669	-2.1023	0.790819	1.11349	1.11349	0.28793	0.6401	-1.56226	3.37675	8.74453	2.30189	1
cg08351088	0.878424	0.948878	-1.05388	0.0125224	2.90034	2.90034	0.039867	2.25786	2.25786	0.384828	1.35723	1.35723	3.37674	6.28489	1.65443	1
cg00240809	0.80371	1.09551	1.09551	0.127389	0.54672	-1.82909	0.159269	0.576393	-1.73493	0.554764	0.803461	-1.24461	3.37671	7.17477	1.88869	1
cg05959392	0.128977	1.53073	1.53073	0.537982	1.17565	1.17565	0.771635	1.07845	1.07845	0.966819	0.989263	-1.01085	3.3767	3.60156	0.948081	1
cg22174681	0.260299	0.358073	-2.79273	0.913194	0.909027	-1.10008	0.013848	0.0699281	-14.3004	0.311007	0.399777	-2.50139	3.3767	40.9159	10.7708	1
cg16781189	0.0559548	0.766437	-1.30474	0.00634527	1.54734	1.54734	0.131518	0.818717	-1.22142	0.129151	0.817546	-1.22317	3.37669	0.807179	0.212484	1
cg06253862	0.29222	1.23461	1.23461	0.0136015	1.8018	1.8018	0.583979	1.11254	1.11254	0.212935	1.28785	1.28785	3.37667	1.9891	0.523619	1
cg25004868	0.963326	1.00961	1.00961	0.220689	0.764988	-1.30721	0.926093	0.98088	-1.01949	0.490714	0.864458	-1.15679	3.37667	2.31521	0.609467	1
cg18413131	0.18106	9.15287	9.15287	0.008172	195.873	195.873	0.0108085	147.19	147.19	0.0289588	55.4044	55.4044	3.37664	130.009	34.2243	1
cg21211357	0.217262	1.8797	1.8797	0.7167	0.837637	-1.19383	0.367292	1.56871	1.56871	0.00243338	7.7794	7.7794	3.37663	12.6401	3.32746	1
cg18463174	0.00202693	0.188834	-5.29566	0.546102	0.791405	-1.26357	0.132507	1.86202	1.86202	0.215816	1.64687	1.64687	3.37663	7.84344	2.06476	1
cg19950079	0.452377	1.13431	1.13431	0.00365091	0.523485	-1.91027	0.824557	0.964109	-1.03723	0.0595328	1.4192	1.4192	3.37656	1.44923	0.381513	1
cg18457773	0.462626	0.889471	-1.12426	0.447395	1.12897	1.12897	0.790214	0.959092	-1.04265	0.414572	1.13957	1.13957	3.37653	1.31231	0.345472	1
cg02335517	0.960413	1.00945	1.00945	0.553639	1.1202	1.1202	0.194409	1.29702	1.29702	0.531244	1.12767	1.12767	3.37652	1.91925	0.505255	1
cg04937696	0.286592	0.846155	-1.18182	0.635548	1.07473	1.07473	0.875485	0.976606	-1.02395	0.0520118	0.716261	-1.39614	3.37651	1.21869	0.320828	1
cg08862818	0.48702	1.07347	1.07347	0.00498282	0.688547	-1.45233	0.242507	0.88444	-1.13066	0.367378	1.09742	1.09742	3.37647	0.539009	0.1419	1
cg02696327	0.239416	3.45457	3.45457	0.195211	0.251921	-3.9695	0.02776	13.703	13.703	0.271591	3.16347	3.16347	3.37645	54.1489	14.2553	1
cg14342817	0.204444	0.774557	-1.29106	0.167369	0.755199	-1.32415	0.227048	0.785102	-1.27372	0.0460834	0.646588	-1.54658	3.37644	1.94615	0.512348	1
cg12558519	0.889302	1.12865	1.12865	0.00141118	55.496	55.496	0.72307	1.36231	1.36231	0.809141	1.23402	1.23402	3.37643	40.3801	10.6306	1
cg05529754	0.0591885	0.671439	-1.48934	0.932778	1.0159	1.0159	0.116553	0.726975	-1.37556	0.409632	1.17079	1.17079	3.37642	1.8697	0.492223	1
cg01811561	0.35031	1.28455	1.28455	0.572674	1.16007	1.16007	0.410697	1.24499	1.24499	0.740955	0.917213	-1.09026	3.37641	3.6282	0.955174	1
cg17839131	0.745807	0.959078	-1.04267	0.0062495	1.58053	1.58053	0.537338	0.922901	-1.08354	0.577588	0.93028	-1.07495	3.37641	0.882395	0.232303	1
cg06621080	0.393734	1.32286	1.32286	0.162272	0.620109	-1.61262	0.349399	1.3614	1.3614	0.352119	0.735889	-1.3589	3.3764	5.48519	1.44406	1
cg17945976	0.0536911	0.187998	-5.3192	0.0132452	0.0961325	-10.4023	0.0345844	0.152619	-6.55228	0.0358469	0.155239	-6.44167	3.37638	31.1205	8.19299	1
cg11081186	0.0683064	1.90067	1.90067	0.648091	1.15556	1.15556	0.45293	1.27197	1.27197	0.630721	1.16462	1.16462	3.37638	5.2936	1.39363	1
cg03310087	0.064731	0.114836	-8.70805	0.018473	0.0507368	-19.7095	0.0500045	0.0971418	-10.2942	0.152418	0.20208	-4.94853	3.37636	58.1951	15.3209	1
cg01033938	0.364214	1.30343	1.30343	0.00443911	0.339972	-2.94142	0.0149571	0.427264	-2.34047	0.632204	0.871928	-1.14688	3.37634	4.31919	1.13711	1
cg07602847	0.0215785	1.5795	1.5795	0.0017914	2.08774	2.08774	0.119335	1.32313	1.32313	0.436602	1.1405	1.1405	3.37633	1.4674	0.386322	1
cg18263572	0.72242	1.06814	1.06814	0.00834009	1.86459	1.86459	0.0210916	1.66965	1.66965	0.839278	0.963166	-1.03824	3.37633	1.8263	0.480812	1
cg00664792	0.405949	1.28869	1.28869	0.546812	1.19949	1.19949	0.119084	1.65636	1.65636	0.0373466	0.486357	-2.0561	3.37628	4.75848	1.25279	1
cg07278158	0.00342366	0.314064	-3.18407	0.373372	0.766339	-1.30491	0.74403	0.90899	-1.10012	0.0632918	0.544294	-1.83724	3.37628	4.53535	1.19404	1
cg18108008	0.553644	1.11894	1.11894	0.00717106	0.521472	-1.91765	0.390498	0.847867	-1.17943	0.544644	0.891366	-1.12187	3.37628	1.88106	0.495235	1
cg11671075	0.016908	0.542003	-1.84501	0.24739	0.775524	-1.28945	0.131281	0.71002	-1.40841	0.0609592	0.641512	-1.55882	3.37627	2.3626	0.622013	1
cg18049571	0.138983	2.68199	2.68199	0.0151616	0.157533	-6.34789	0.0135902	6.62973	6.62973	0.66771	1.30674	1.30674	3.37627	20.5201	5.40245	1
cg11617484	0.262113	1.20004	1.20004	0.00978624	1.66424	1.66424	0.510656	0.901176	-1.10966	0.509115	0.900825	-1.11009	3.37623	1.30042	0.342372	1
cg00027466	0.521693	0.806767	-1.23952	0.0210499	0.399516	-2.50303	0.00458894	0.287203	-3.48186	0.250338	0.672229	-1.48759	3.37622	5.84516	1.53891	1
cg08415141	0.0907292	0.481235	-2.07799	0.00982305	0.277776	-3.60002	0.0304718	0.368595	-2.71301	0.351189	0.686211	-1.45728	3.37621	8.23618	2.16842	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477T vs. N)	Fold-Change(477T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg08134754	BHLHE22;BHLHE22	0.05504671	0.4165001	-2.43902	0.6584977	0.83234	-1.20143	0.6516002	1.23196	1.23196	0.0179559	0.3053321	-2.27524	0.3144427	0.288326	-3.4683	0.142198	0.525148	-1.91739	0.415289	1.40992	1.40992	0.262876	1.61864	0.0838905	0.454232	3.20152	3.37616	9.10139	2.39625	1
cg25401628	SULF2;SULF2;SULF2	0.05504691	0.0852618	4.3521212	-2.312077	0.3347287	0.337312	2.964611	0.2772734	0.604788	-1.65347	0.9985701	0.9992211	-1.00079	0.1093099	0.2413179	4.14287	0.46766	1.3848	1.3848	0.00828519	0.2260304	-4.4241	0.945099	0.9701118	-1.0308	0.406654	0.687945	-1.4536	3.76111	10.3765	2.73199	1
cg01437515	TNFRSF4	0.05504709	0.680277	0.8653222	-1.15564	0.8036319	1.09087	1.09087	0.015674	0.3555558	-2.81248	0.2640886	0.6660357	-1.50137	0.0429883	0.4435512	-2.25473	0.154216	1.7031	1.7031	0.0153034	2.15022	2.15022	0.452516	1.30627	1.30627	0.1110221	0.5454477	-1.833326	3.37607	6.51621	1.71566	1
cg15188994	MFSD4	0.05504731	0.2426157	0.7884462	-1.26826	0.2234168	0.590861	-1.69351	0.8660168	0.6977316	-1.03336	0.1731872	0.7545257	-1.32533	0.3326221	0.2834455	-1.21438	0.134957	0.73112	-1.36776	0.00143365	0.4082424	-2.44953	0.336803	0.8249451	-1.21219	0.553587	0.8800267	-1.12351	3.37606	2.01942	0.5316097	1
cg23405212	CRYGD	0.05504731	0.599436	0.896424	-1.11554	0.6548563	0.651957	-1.53384	0.101438	0.690739	-1.44772	0.771637	0.941725	-1.06188	0.101056	0.6903399	-1.44844	0.032364	0.596356	-1.67685	0.00346465	0.4409884	-2.26766	0.256989	0.7834422	-1.27645	0.367005	1.2107	1.2107	0.17607	0.599252	1
cg13609951	KIAA1432	0.05504743	0.314263	1.18561	-1.18561	0.0325562	0.664123	-1.50575	0.2985011	1.1928	1.1928	0.4010914	1.15068	1.15068	0.07447133	0.7226827	-1.38373	0.245101	1.22007	1.22007	0.0153864	0.6147752	-1.62667	0.207532	0.8045844	-1.24288	0.137904	0.770001	-1.2987	3.37601	1.43106	0.3767092	1
cg27408541	TANC1;TANC1	0.05504738	0.278569	0.578539	-1.72849	0.715701	1.19443	1.19443	0.0837042	0.394646	-2.53392	0.246595	0.555145	-1.80133	0.0893493	2.48404	2.48404	0.374139	0.642033	-1.55755	0.0886691	0.460191	-2.48812	0.00855386	5.10104	5.10104	0.621649	0.785347	-1.27332	3.37599	12.6149	3.32147	1
cg15892964	AKAP12;AKAP12	0.05504745	0.785455	0.7972304	-1.25424	0.4939351	1.32533	1.78023	0.1996657	2.05565	2.05565	0.05678953	18.3997	18.3997	0.1815516	0.3080838	-1.24615	0.033254	0.213429	-4.68353	0.0155935	0.1315153	-7.62456	-0.455336	0.5317157	-1.88096	0.717682	1.352111	1.352111	3.37597	36.8526	9.70323	1
cg13428921	UBAP2L	0.05504745	0.750514	0.8486951	-1.17828	0.9598715	1.02416	1.02416	0.8284457	-2.42557	-1.20999	0.8677338	1.08229	1.08229	0.03338141	0.150921	-6.62596	0.033264	0.307076	-3.25652	0.0247351	0.2881245	-3.55016	0.40827	1.4938	1.4938	0.4928022	0.721519	-1.38396	3.37597	2.03869	0.5409271	1
cg09150481	PLUNC;PLUNC	0.05504755	0.00327777	0.2801177	-3.56917	0.4730381	0.793192	-1.26073	0.0225642	0.420137	-2.38018	0.456089	1.27189	1.27189	0.827903	1.07157	1.07157	0.474244	1.25994	1.25994	0.564458	0.8311142	-1.20316	0.600482	0.8455545	-1.18267	0.0642438	0.516761	-1.93513	3.37595	5.38977	1.41913	1
cg20045443	HEATR1	0.05504765	0.817233	0.8906001	1.3005	0.8641564	0.969081	-1.03113	0.9935071	0.998544	-1.00146	0.5214707	1.63984	1.63984	0.4646604	0.875244	-1.14254	0.344471	0.840013	-1.19046	0.667333	1.08049	1.08049	0.00562756	0.5217204	-1.9168	0.7682227	0.948468	-1.05433	3.37582	1.73175	0.4512495	1
cg05303408	CDKAL1;CDKAL1	0.05504781	0.4188806	1.37048	1.37048	0.00314297	0.531172	0.486687	1.30916	1.30916	0.5112125	1.28906	1.28906	?	?	?	?	0.645061	1.1931	1.1931	0.223997	0.6129975	-1.63139	0.0581856	2.36013	0.354959	0.695307	-1.43821	3.71101	7.39453	1.74352	1
cg02195611	KIAA1217	0.05504815	0.8839949	1.04654	1.0521122	0.620155	-1.6125	0.761421	0.9095252	1.09948	0.8374662	1.05795	0.95193	-1.05134	0.3902742	-1.25593	0.0313544	0.167626	1.58062	1.58062	0.267936	0.6980998	-1.43246	0.00172381	4.02093	4.02093	0.708217	0.889432	-1.12431	3.3758	5.18584	1.3655	1
cg15259986	FIGN	0.05504848	0.678449	1.07234	1.07234	0.864431	1.02904	1.02904	0.0671623	1.43019	1.43019	0.555098	1.10518	1.10518	0.00776766	0.5640002	-1.77304	0.0712368	0.713497	-1.40155	0.3473366	0.850135	-1.17599	0.1253371	0.7573733	-1.32035	0.17181	1.27596	1.27596	3.37571	1.50064	0.395147	1
cg16255585	DNAJC16	0.05504849	0.0418872	0.3127358	-3.19736	0.6902073	1.2265	1.2265	0.1226	1.2236	0.8870836	0.369759	-2.58059	0.678657	1.2225	1.2225	0.4504227	0.678664	-1.47088	0.006357	0.168256	-5.94333	0.0153426	0.2241198	-4.46035	0.860555	0.915552	-1.09224	0.102566	0.4080454	-2.4506	3.37571	13.4606	3.54444	1
cg24539867	KRP2;KRP2	0.05504853	0.09047233	0.1850197	-5.40546	0.0599952	0.146783	-6.81279	0.1130896	0.207042	-4.82995	0.314934	0.390742	-2.55923	0.0103147	0.0539134	-3.54583	0.575539	0.599534	-1.66796	0.0688784	0.0427248	-23.6547	-0.129288	0.227139	-4.40259	0.0314312	0.102026	-9.79816	3.3757	43.7205	11.5125	1
cg02917889	ARHGEF4;ARHGEF4	0.05504857	0.2827756	1.38361	1.38361	0.906606	0.966433	-1.03473	0.0978647	0.588612	-1.69603	0.606499	0.8597191	-1.16317	0.0319027	0.481193	-2.07817	0.929568	0.97461	-1.02605	0.140084	1.58697	1.58697	0.00565955	0.347795	-2.87526	0.5257756	1.20568	1.20568	3.37569	4.52472	1.19145	1
cg04488523	ZNF354C	0.05504864	0.0808372	0.762254	-1.3635	0.9623025	0.994493	-1.00655	0.1225164	0.744397	-1.34397	0.723926	0.9513613	-1.05104	0.2964341	1.16761	1.16761	0.0931277	1.29088	1.29088	0.0614599	1.13136	1.13136	0.408371	1.1484	1.1484	0.3757607	1.1024	1.1024	3.37567	1.1024	0.268058	1
cg17955752	ASPSCR1	0.05504865	0.586753	1.41688	1.416888	0.762646	1.21205	1.21205	0.0804155	0.342256	3.42556	3.42556	0.8693417	1.111	1.111	0.766589	1.20804	1.20804	0.0131283	0.141873	-7.04857	0.101539	3.12118	3.12118	0.027566	3.10618	0.0319562	0.99738	5.99738	3.37567	21.5519	5.67509	1
cg22146642	MAD1L1;MAD1L1;MAD1L1	0.05504866	0.0200982	0.5964548	-1.67653	0.6502127	1.14414	1.14414	0.2664163	0.7307729	-1.36876	0.1534853	0.6866166	-1.45631	0.1332879	1.35615	1.35615	0.052608	0.601001	-1.66372	0.0121966	0.2481841	-4.03021	0.0727356	0.5126886	-1.95107	0.0555064	0.2704147	0.882551	-1.13308	3.37567	2.30134	0.6819057	1
cg13486895	ZNF34	0.05504909	0.0877921	0.7680971	-1.30192	0.133114	1.25468	1.25468	0.0419873	1.38839	1.38839	0.160484	1.23359	1.23359	0.875554	0.978294	-1.02219	0.158594	0.809763	-1.23493	0.00992765	1.57781	1.57781	0.404907	1.12674	1.12674	0.852979	0.974358	-1.02632	3.37556	1.04818	0.276017	1
cg01208198	COL18A1;COL18A1;COL18A1	0.05504919	0.137047	0.467216	-2.14034	0.50959	0.727715	-1.37416	0.7141515	0.839831	-1.19072	0.0543032	0.3543111	-2.82238	0.0888854	0.41001	-2.43987	0.01454037	0.2309731	-4.10172	0.0169311	0.211923	-4.56142	0.0273124	0.2891162	-3.45827	0.0337986	0.3080525	-3.24649	3.37553	12.0685	3.17804	1
cg00448940	KCNK13	0.05504929	0.7454418	1.08467	1.0845	0.152122	0.620155	-1.6125	0.761421	0.9095252	1.09948	0.8374662	1.05795	0.95193	-1.05134	0.3902742	-1.25593	0.167626	1.58062	1.58062	0.267936	0.6980998	-1.43246	0.00172381	4.02093	4.02093	0.708217	0.889432	-1.12431	3.3758	5.18584	1.3655	1
cg15371815	CRIM1	0.05504933	0.320458	0.4764665	-2.09879	0.0110108	0.42407	0.42407	0.0523172	0.92234	0.92234	0.0383821	5.65598	5.65598	0.806027	0.837217	-1.19443	0.705782	1.31508	1.31508	0.402177	0.5383871	-1.8574	0.0261251	6.72621	6.72621	0.792558	1.20966	1.20966	3.3755	27.8812	7.34212	1
cg10769232	GPR61	0.05504936	0.470097	0.8827358	-1.13294	0.8800116	1.02595	1.02595	0.0682653	1.36102	1.36102	0.668605	1.07583	1.07583	0.0259382	0.9307	-1.07434	0.0286141	0.645135	-1.55009	0.509284	0.85067	-1.17604	0.67013	0.9298852	-1.07544	0.582056	1.08894	1.08894	3.37549	1.54617	0.4405584	1
cg24838517	STX5	0.05504942	0.03869682	0.2203394	-4.53732	?	?	0.337093	0.4378034	0.67803	4.67803	?	?	?	?	?	?	?	?	?	?	?	?	?	?	220.201	10.3544	0.0117557	1
cg14348756	CTNNA2;CTNNA2	0.05504947	0.0695031	0.8298886	-1.20498	0.152547	0.868724	-1.15111	0.0591182	0.822246	-1.21638	0.161738	0.871771	-1.14709	0.419863	1.07863	1.07863	0.0261939	0.784864	-1.27411	0.00805599	0.732178	-1.36579	0.472483	0.935089	-1.06942	0.343586	1.09374	1.09374	3.37546	0.450927	0.118746	1
cg08164977	LOC152276	0.05504962	0.162906	0.4772307	-2.09577	0.0662546	0.262179	-1.08204	0.1225164	0.744397	-1.34397	0.723926	0.9513613	-1.05104	0.2964341	1.16761	1.16761	0.0931277	1.29088	1.29088	0.0614599	1.13136	1.13136	0.408371	1.1484	1.1484	0.3757607	1.1024	1.1024	3.37567	1.1024	0.268058	1
cg02070740	CHD1L	0.05504972	0.307995	0.7115506	-1.40547	0.059924	0.98313	-1.98313	0.0357132	0.454574	-2.19986	0.361367	0.7388514	-1.35345	0.902934	0.9638853	-1.03747	0.196102	1.55418	1.55418	0.352443	1.63953	1.63953	0.026919	2.32866	2.32866	0.160001	0.616168	-1.62293	3.3754	5.5623	1.46479	1
cg16229954	PSMB9;PSMB9	0.05504980	0.3631553	1.2007	1.2007	0.4154214	0.7352452	-1.36011	0.0202117	0.4656503	-2.14705	0.2288758	0.3972754	-2.51655	0.0018677	0.2178503	-4.59188	0.574465	1.01409	-1.02102	0.9554553	0.5783514	-1.72994	0.4149188	0.8744155	-1.14435	0.1133808	0.5762607	0.8825511	-1.13308	3.3757	2.00734	0.5490857	1
cg02427486	DPP4	0.05505007	0.3549003	0.659762	-1.5157	0.00496267	0.196823	-5.08072	0.0845107	0.434383	-2.30211	0.643451	0.815717	-1.22592	0.0589225	0.393721	-2.53987	0.544184	1.76472	-1.30767	0.00659925	0.2141119	-4.67029	0.127798	0.4870707	-2.05336	0.210727	0.561989	-1.77939	3.37531	10.2078	2.68823	1
cg01091258	PIGP;PIGP;CRIPT	0.05505011	0.6768894	0.947365	-1.05556	0.0287203	1.3981	1.3981	0.0101557	1.52365	1.52365	0.858607	0.9768113	-1.02374	0.0589866	0.7579811	-1.31929	0.623776	0.937805	-1.06632	0.067727	0.7889157	-1.26718	0.665767	0.945115	-1.05807	0.9059998	1.01546	1.01546	3.3753	0.9018878	0.23751	1
cg26861209	HBQ1	0.05504953	0.1742511	0.4897	-2.04179	0.1752174	1.24414	1.24414	0.2664163	0.7307729	-1.36876	0.1534853	0.6866166	-1.45631	0.1332879	1.35615	1.35615	0.052608	0.601001	-1.66372	0.0121966	0.2481841	-4.03021	0.0727356	0.5126886	-1.95107	0.0555064	0.2704147	0.882551	-1.13308	0.3757	2.30134	0.6819057	1
cg22776912	TMC3	0.05505014	0.0537068	0.3136	-3.18877	0.445278	0.662703	-1.50897	0.0325513	0.265967	-3.75986	0.0349157	0.272188	-3.67393	0.0034377	0.12166	-8.2196	0.979689	0.986615	-1.01357	0.188832	0.4794642	-2.08567	0.896083	1.07162	1.07162	0.172457	0.46362	-2.15694	3.37529	14.9796	3.94401	1
cg00282374	FOXC1	0.05505019	0.1203325	0.5825	-1.71654	0.0118824	0.12419	0.12419	0.0025984	0.38853	4.3865	4.3865	0.0791967	4.43738	4.43738	0.0145227	4.49027	0.120335	0.625	1.62645	0.0134694	0.0400359	2.49709	0.0272535	0.3846	2.59871	0.0134694	0.0400359	2.49709	3.37518	31.2494	8.29985	1
cg25185429	ITPR1;TPR1;ITPR1	0.05505056	0.261918	0.8472114	-1.18034	0.3750179	0.8388732	-1.19234	0.0397678	0.740864	1.40064	1.40064	0.4648485	0.9007381	-1.1102	0.4434227	2.719507	0.38984	0.00572859	0.598472	-1.67092	0.456912	1.11336	1.11336	0.6806	0.942923	-1.06053	0.43976	0.894333	1.11815	3.37518	1.07379	0.2827793	1
cg02985568	HSPA13	0.05505073	0.0704261	0.2722394	-3.67115	0.0588247	0.253459	-3.94541	0.285034	0.485988	-2.04253	0.276628	0.482982	-2.07047	0.0357189	0.207653	-4.81573	0.0896942	0.300227	-3.33081	0.00354057	0.0786688	-12.7116	0.03432	0.2043158	-4.89338	0.0995325	0.313148	-3.19338	3.37514	22.1112	5.82328	1
cg09939193	SCGB1D4	0.05505103	0.0469719	0.3145662	-3.17945	0.4172255	0.649246	-1.54029	0.0319462	0.422945	-2.36491	0.2382452	0.3863952	-2.58801	0.0014354	0.1111558	-8.99701	0.0254643	0.1474713	-6.78163	0.0015642	0.1190158	-8.40407	0.0040227	0.2486066	-4.02115	0.0176379	0.1836107	-5.44543	2.32	0.3755702	13.8907	3.66001	1
cg15588997	KIR3DL1	0.05505137	0.0186385	0.2570368	-3.89003	0.0259277	0.283832	-3.52321	0.0397585	0.322266	-3.10303	0.0321981	0.463036	-2.15966	0.0128575	0.229607	-4.35526	0.157943	0.487203	-2.05253	0.0252186	0.2814911	-3.55251	0.0881354	0.4080667	-2.45058	0.131864	0.460829	-2.16986	3.37498	12.1266	3.19387	1
cg22570042	CCDC144NL	0.05505145	0.0775116	0.3722806	-2.68547	0.2284	0.4244	-2.2284	0.1225164	0.744397	-1.34397	0.723926	0.9513613	-1.05104	0.2964341	1.16761	1.16761	0.0931277	1.29088	1.29088	0.0614599	1.13136	1.13136	0.408371	1.1484	1.1484	0.3757607	1.1024	1.1024	3.37567	1.1024	0.268058	1
cg16637976	SREBF1;SREBF1	0.05505168	0.0610039	0.704791	-1.41486	0.883838	0.976068	-1.02452	0.813007	0.964198	-1.04004	0.0889049	1.36405	1.36405	0.00883697	0.575637	-1.73721	0.0410347	1.47796	1.47796	0.451127	1.13566	1.13566	0.60979	1.08903	1.08903	0.724998	0.943158	-1.06027	3.3749	1.4674	0.3864488	1
cg09939193	SCGB1D4	0.05505169	0.4696576	1.131951	1.131951	0.8424407	1.03681	1.03681	0.1008688	1.006868	1.006868	0.9933475	1.14713	1.14713	0.3633962	0.8514934	-1.17454	0.0743143	1.34761	1.34761	0.2703154	0.9300494	-1.07524	0.5346	0.8307008	-1.20386	0.2603295	0.8181679	-1.22	3.37502	1.83907	0.5488211	1.66001	1
cg15588997	KIR3DL1	0.05505137	0.0186385	0.2570368	-3.89003	0.0259277	0.283832	-3.52321	0.0397585	0.322266	-3.10303	0.0321981	0.463036	-2.15966	0.0128575	0.229607	-4.35526	0.157943	0.487203	-2.05253	0.0252186	0.2814911	-3.55251	0.0881354	0.4080667	-2.45058	0.131864	0.460829	-2.16986	3.37498	12.1266	3.19387	1
cg10191097	TRIM56	0.05505174	0.4094774	1.17662	1.17662	0.287689	0.8038181	0.673735	0.0275795	0.640929	-1.65309	0.0864106	0.3247135	0.6875995	0.2130654	0.4441116	-2.25169	0.0123104	0.352371	-2.83792	0.472255	1.27718	1.27718	0.421867	1.31593	1.31593	0.297561	0.696735	-1.43527	3.3748	5.98478	1.57631	1
cg16927872	HDAC10;HDAC10;TUBGCP6	0.05505184	0.1129346	1.63711	1.637111	0.102015	0.5303	0.5303	0.0048598	1.27998	1.27998	0.4983693	1.8915	1.8915	0.173802	1.5251	1.5251	0.9603017	1.14047	1.14047	0.5362517	1.04043	1.04043	0.9603017	1.14047	1.14047	0.5362517	1.04043	1.04043	3.37498	1.47419	0.3906917	1
cg09303645	TSPAN11	0.05505214	0.425954	1.34406	1.43406	0.107717	2.178	-2.178	0.156159	1.95962	1.95962	0.820783	1.10586	1.10586	0.49606	1.5040436	-1.98399	0.101702	1.451796	-2.21339	0.0314136	3.06269	3.06269	0.011119	4.1023	4.1023	0.468869	1.38652	1.38652	3.37478	0.10107	0.27842	1
cg23761936	LYPD1;LYPD1	0.05505216	0.0862001	0.695318	-1.43819	0.119529	0.723397	-1.38237	0.102015	0.709591	-1.40926	0.0506347	0.652512	-1.53254	0.0460922	0.645253	-1.54978	0.240181	0.793347	-1.26048	0.035478	1.59886	1.59886	0.648797	0.91586	-1.09187	0.228424	1.27419	1.27419	3.37478	1.96387	0.517268	1
cg10574944	SLC6A8;SLC6A8;SLC6A8;SLC6A8;SLC6A8	0.05505238	0.00910983	2.21304	2.21304	0.20727	0.726982	-1.37555	0.597128	1.13642	1.13642	0.10362	1.53226	1.53226	0.44369	0.8292448	-1.20591	0.254497	1.33012	1.33012	0.0364864	1.79106	1.79106	0.0248083	1.89755	1.89755	0.409598	1.12408	1.12408	3.37472	3.07241	0.80926	1
cg19913367	EIF4A1	0.05505242	0.1223389	1.07011	1.49251	0.913669	1.01701	1.01701	0.0384253	1.10885	1.10885	0.1024551	1.20675	1.20675	0.04208015	1.40903	1.40903	0.743564	1.03512	1.03512	0.0485356	1.26726	1.26726	0.0383619	1.817445	1.817445	1.223329	0.951135	0.993576	0.9101018	0.155696	1
cg08511757	ANKRD11	0.05505257	0.34062	0.6111551	-1.63626	0.0326263	0.285429	-3.5035	0.257183	0.552699	-1.8093	0.307379	1.69862	1.69862	0.314406	0.593537	-1.68481	0.008265105	0.183859	-5.43896	0.0129725	0.2130383	-4.69301	0.595116	0.7641851	-1.30858	0.0726447	0.366335	-2.72974	3.37464	13.4375	3.53947	1
cg08076955	HOXB1	0.05505274	0.0254514	0.7696	1.7696	0.00980958	0.314967	-3.1467	0.0146367	0.194224	2.68869	2.68869	0.0188427	7.75894	7.75894	0.174721	2.82795	2.82795	2.82795	2.82795	0.0160729	4.38721	4.38721	0.5157368	1.60729	1.60729	0.1548078	0.2316	0.2316	0.2316	0.2316	0.2316	3.37463	27.7175	7.3087	1
cg16401207	PRKG1;PRKG1	0.05505281	0.0142272	0.573528	-1.74359	0.507355	0.883687	-1.13162	0.136426	1.3431	1.3431	0.899694	0.9770384	-1.02345	0.3358115	0.8332322	-1.20016	0.081135	1.704038	1.704038	0.1482148	0.5318514	0.57172	-1.74911	0.340986	0.8349442	-1.19769	0.0346615	0.6357778	-1.57288	3.37461	1.80634	0.475798	1
cg06422060	E2F7	0.05505291	0.00591277	0.3286114	-3.04308	0.5434493	1.20932	1.20932	0.260748	0.695924	-1.43694	0.860218	1.05599	1.05599	0.2604665	0.695762	-1.43727	0.764781	0.911431	-1.09718	0.00717161	0.3402024	-2.92377	0.396718	1.30763	1.30763	0.2563311	0.693374	-1.44222	3.37459	5.10505	1.34471	1
cg27136740	DLX2	0.05505303	0.1149014	0.5777	-1.73105	0.0242407	0.304859	-3.28	0.0188369	0.260726	-3.83601	0.2470026	-1.20915	0.4144524	0.965619	1.03577	0.3633962	0.8541434	-1.17045	0.9304084	-1.07521	0.1246054	1.46554	1.46554	0.2239737	0.6827065	0.4576545	0.0457977	0.4081454	-2.45005	0.3745626	0.4417291	1
cg24488772	C1orf159	0.05505305	0.0158568	0.243501	-4.10675	0.996723	0.100197	0.100197	0.826637	0.90043	-1.11058	0.699409	1.20385	1.20385	0.00697271	0.188459	-5.3062	0.0447445	0.932306	-3.00928	0.211591	1.87623	1.87623	0.935699	0.962153	-1.03934	0.220438	0.5400088	-1.85155	3.37455	12.2198	3.21882	1
cg11941420	CYB4A4	0.05505311	0.15496	0.4555	-2.07102	0.0712712	0.247212	-4.04004	0.0649134	0.415698	-2.40506	0.2853123	0.3683832	-2.71465	0.0018734	0.1566858	-6.38384	0.0145618	0.2660846	-3.75954	0.0048349	0.0832932	-12.0054	-0.0844826	0.1482325	-6.74594	0.0048349	0.0832932	-12.0054	3.37453	47.7089	12.0993	1
cg17088462	GSTO1	0.05505314	0.538087	0.8884472	-1.12553	0.0107075	1.83755	1.83755	0.111871	1.38876	1.38876	0.841686	0.962779	-1.03866	0.0167349	1.74012	1.74012	0.536822	1.888136	-1.12595	0.759361	0.9433386	-1.06001	0.199533	1.29317	1.29317	0.0281191	1.63542	1.63542	3.37453	1.92296	0.506529	1
cg18132007	TPS3;IT1;TPS3;I11	0.05505316	0.349029	0.820961	-1.21808	0.0312968	1.67696	1.67696	0.262343	1.27018	1.27018	0.4630481	0.8582254	-1.16516	0.0271813	0.585666	-1.70746	0.279331	1.26234	1.26234	0.103653	0.6949765	-1.43933	0.0601167	0.647948	-1.54333	0.0191413	0.753494	-1.32715	3.37452	2.23799	0.589513	1
cg16193043	NPPA	0.05505317	0.0338727	0.2144	-4.66355	0.0129171	0.125531	-8.00933	0.0158244	0.164508	-6.07849	0.1264	0.164709	-6.07552	0.0608217	0.1638	-6.10475	0.0467	0.705628	-1.41732	0.0146028	0.2418474	-4.13439	0.0144545	0.239552	-4.17446	0.2202043	0.5344354	-1.83704	0.5941	0.3118	1.3337	1
cg14331163	RDH8	0.05505371	0.041693	0.2365664	-4.22719	0.380213	0.581717	-1.71905	0.204558	0.439573	-2.27493	0.214271	0.448084	-2.23173	0.0178078	0.17054	-5.86371	0.198139	0.433847	2.30496	0.00676143	0.1158478	-8.6321	0.0141868	0.156012	-6.40977	0.8386611	0.8823312	-1.13339	3.37438	20.1458	5.30687	1
cg18990658	ZNF705G	0.05505373	0.1919961	1.4212	1.4212	0.522227	0.784767	-1.2726	0.2426	1.26303	1.26303	0.660134	-1.51485	0.1111552	0.6227388	-1.59183	0.0916554	1.442	-1.44787	0.0010207	0.1842	0.9671752	-1.03408	0.8966812	0.9773328	-1.02287	0.9134832	-1.07454	0.1249062	0.6919351	1.56531	3.37438	1.56531	0.4164564	1
cg05211987	PRSS16	0.05505393	0.170148	0.751942	-1.32989	0.945491	0.986746	-1.01343	0.187111

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df
cg06300268	DLAT	0.0506027	0.104066	0.794033	-1.25939	0.256451	0.857513	-1.16616	0.02253636	0.708279	-1.41187	0.298373	0.860455	-1.15015	0.0067065	0.633617	-1.57824	0.160417	0.826988	-1.22021	0.360265	0.885119	-1.12979	0.231817	0.8498809	-1.17674	0.00606816	0.628119	-1.59205	3.37271	0.8096604	0.2237093	1
cg02353376	SYNI1;SYNI1;SYNI1;SYNI1	0.0506036	0.169799	1.44353	1.44353	0.526859	0.851328	-1.17464	0.06002105	0.406225	-2.46129	0.0237389	0.50782	-1.9692	0.323555	0.77418	-1.29169	0.50378	1.18568	1.18568	0.886798	1.0364	1.0364	0.203081	0.713704	-1.40114	0.243872	1.35809	3.37269	3.36611	0.887154	1
cg16413333	PTPN12;PTPN12;PTPN12	0.0506043	0.210902	0.6223	-1.60694	0.227579	1.5774	1.5774	0.101008	1.9084	1.9084	0.421273	1.34397	1.34397	0.183512	1.66158	1.66158	0.77896	0.903706	-1.10655	0.00592644	0.27586	-3.6515	0.428141	1.33789	1.33789	0.104931	1.891193	1.891193	3.37267	6.91628	1.82283	1
cg07796533	DUSP1	0.0506064	1.668852	0.205154	-4.87439	0.165642	0.203388	-4.941	0.58035	1.82829	1.82829	0.250453	2.273195	-3.66038	0.0844415	0.127162	-7.86398	0.956389	0.942624	-1.06067	0.00351643	71.9034	71.9034	0.537931	0.509737	-1.96318	0.777079	1.35893	1.358933	3.37262	62.3592	16.4354	1
cg02695062	DDR1;DDR1	0.050608	0.180904	0.666185	-1.50108	0.0298433	0.481499	-2.07685	0.75942	1.0918	1.0918	0.221274	1.44431	1.44431	0.0315063	0.48618	-2.05685	0.991383	1.00309	1.00309	0.0148161	0.42433	-2.35666	0.190225	1.48685	1.48685	0.690475	1.121125	1.121125	3.37258	4.36689	1.15095	1
cg04221833	VPS51;VPS51	0.0506068	0.123938	0.765627	-1.30612	0.284785	0.836863	-1.19494	0.131214	1.29849	1.29849	0.896642	1.02105	1.02105	0.0251188	0.625463	-1.53265	0.550336	0.90874	-1.10042	0.0151837	1.61294	1.61294	0.498995	0.805825	-1.11629	0.116	0.760464	-1.31499	3.37258	1.32739	0.361711	1
cg12971958	PDCD6IP;PDCD6IP;PDCD6IP	0.0506087	0.224337	1.24943	1.24943	0.699132	0.934487	-1.07011	0.0675663	0.699568	-1.42945	0.020954	0.615909	-1.62362	0.0413307	0.66327	-1.50768	0.523926	1.11928	1.11928	0.6717	0.928324	-1.07721	0.250745	1.23291	1.23291	0.0537984	1.46523	1.46523	3.37256	1.62584	0.428513	1
cg10076075	XRN2	0.0506096	0.825333	0.946173	-1.05639	0.722755	0.91469	-1.09127	0.457345	0.8274	-1.20861	0.341017	1.27841	1.27841	0.0295421	0.409945	0.809819	-1.23484	0.352161	1.27084	1.27084	0.00106934	0.298163	-3.35387	0.540389	0.856162	-1.16798	0.13207	0.769681	-1.29924	3.37254	3.34711	0.882187	1
cg00559635	RGS12;RGS12;RGS12	0.050612	0.0957585	2.08164	2.08164	0.526618	0.772813	-1.29397	0.418771	1.39244	1.39244	0.149184	1.85856	1.85856	0.569894	0.79445	-1.25873	0.694181	1.17157	1.17157	0.0414869	0.388831	-2.56521	0.0365158	2.64808	2.64808	0.0183811	3.38388	3.38388	3.37248	8.576512	2.26042	1
cg22063966	CCDC106	0.0506125	0.534866	0.881873	-1.13395	0.851868	1.0381	1.0381	0.0932654	1.44669	1.44669	0.400366	1.18789	1.18789	0.125228	1.39364	1.39364	0.160116	1.3501	1.3501	0.00477792	0.472745	-2.11529	0.166476	1.34323	1.34323	0.390483	1.19244	1.19244	3.37247	2.1368	0.563202	1
cg16130374	INCENP;INCENP;INCENP;INCENP	0.050613	0.328228	1.44778	1.44778	0.0994294	0.1994	-2.14394	0.0965706	0.9669901	-1.03423	0.2947552	0.882915	1.13295	0.0844509	1.184439	1.184439	0.109526	1.24609	1.24609	0.0140125	1.080557	1.080557	0.00187	0.0237893	1.594627	1.594627	0.0773322	1.307911	1.307911	3.37245	0.996359	0.262614	1
cg06736242	SSBP1;SSBP1;FLJ40852	0.0506136	0.881287	1.06796	1.06796	0.13824	0.0205356	2.14186	0.00313449	0.0233505	3.53359	0.461744	0.719173	-1.39049	0.00478549	0.192514	-5.19443	0.020868	0.294228	3.39872	0.202042	0.553385	-1.81651	0.615201	0.800114	-1.24982	0.932871	0.963611	-1.03776	3.37244	10.3401	2.72538	1
cg12113495	ZNF712;ZNF712;ZNF712;ZNF712	0.0506138	0.899544	0.986382	-1.01381	0.0448997	1.38192	1.38192	0.152852	1.02597	1.02597	0.152263	1.58136	1.58136	0.842554	1.02183	1.02183	0.758076	0.907313	-1.10211	0.0304845	0.637323	-1.56906	0.446562	1.08792	1.08792	0.952874	0.993604	-1.00644	0.32343	0.626909	0.165949	1
cg10974342	LOC100129716;ARRDC3	0.0506175	0.367615	0.894331	-1.11849	0.109256	0.809987	-1.23459	0.755609	1.0384	1.0384	0.316041	0.837368	-1.21391	0.72706	1.04319	1.04319	0.10608	1.23737	1.23737	0.0100291	1.48026	1.48026	0.0572083	1.29643	1.29643	0.180754	1.18708	1.18708	3.37234	0.7777758	0.205003	1
cg23153655	CYS1	0.0506193	0.250661	0.821224	-1.21769	0.932002	1.00165	1.00165	0.109314	1.33175	1.33175	0.0201978	0.631558	-1.58349	0.0044941	0.113475	1.13475	0.0555508	0.700461	-1.42763	0.00937677	0.582431	-1.71694	0.485996	0.890134	-1.12317	0.437769	0.876202	-1.13869	3.37229	1.43802	0.379043	1
cg07495470	POLDIP3;POLDIP3	0.0506202	0.0153206	1.97975	-2.63591	0.153817	1.64418	1.64418	0.585602	1.19598	1.19598	0.139065	1.37758	1.37758	0.486068	0.794468	-1.2587	0.529033	1.10854	1.10854	0.0909459	0.340485	-2.93699	0.256113	1.47012	1.47012	0.389758	1.750889	1.33175	3.37227	5.64381	1.48764	1
cg05866785	PRMT3;PRMT3;PRMT3	0.0506206	0.290043	0.797772	-1.25349	0.0896424	0.680457	-1.4696	0.816137	1.04909	1.04909	0.490044	1.15518	1.15518	0.473544	1.16181	1.16181	0.0143562	0.537401	-1.86081	0.0321456	1.67592	1.67592	0.073824	1.50681	1.50681	0.468832	1.163574	1.163574	3.37226	2.26093	0.559956	1
cg24766429	RNF39;RNF39	0.0506249	0.641599	0.849464	-1.11177	0.0778039	1.55737	1.55737	0.0680803	0.44643	-2.15225	0.748324	0.929821	-1.07548	0.281276	0.776272	-1.28738	0.136897	1.43645	1.43645	0.0648781	0.926048	-1.58567	0.948025	0.985555	-1.01466	0.155173	1.41036	1.41036	3.37219	2.72865	0.719255	1
cg13153865	OSGIN2;OSGIN2;OSGIN2	0.0506261	0.769907	1.11166	1.11166	0.133873	0.191353	1.9152	0.134779	1.41793	1.41793	0.0671829	1.499921	1.499921	0.104425	1.526903	1.526903	0.489312	0.776048	-1.28858	0.0153196	0.452516	-2.20987	0.452152	1.31851	1.31851	0.485562	1.374199	1.29166	3.37217	6.959949	1.83449	1
cg14303778	DLGAP2	0.050625	0.382824	0.948355	-1.05446	0.0306168	0.860278	-1.16242	0.202709	0.923411	-1.08294	0.76941	1.01757	1.01757	0.860336	0.98962	-1.01049	0.744042	1.0196	1.0196	0.00616511	1.23575	1.23575	0.372831	0.947235	-1.0557	0.0909158	0.895528	-1.11666	3.37215	0.18749	0.0494217	1
cg07173783	PFDN6;WDR46;WDR46	0.0506251	0.265808	0.852631	-1.17287	0.143915	0.805033	-1.24126	0.439128	1.11461	1.11461	0.646094	0.998564	-1.00146	0.937033	0.985108	-1.01507	0.0072059	0.62665	-1.59591	0.171302	1.0521	1.0521	0.0228893	0.980216	-1.45515	0.156679	1.2316	1.2316	3.37215	1.00989	0.266205	1
cg13105945	C1QL1	0.0506261	0.245155	1.3585	1.3585	0.369387	0.216156	1.26154	0.67193	1.11333	1.11333	0.287711	1.32074	1.32074	0.139795	1.49245	1.49245	0.0329975	0.8746	-1.14333	0.0287911	1.54992	1.54992	0.00368109	2.68976	2.68976	0.0122164	2.19649	2.19649	3.37212	3.33023	0.89419	1
cg10441138	RIMBP2	0.0506264	0.0595058	0.0862707	-10.3874	0.154511	0.241186	4.14617	0.904703	0.89153	-1.12167	0.140687	0.228788	4.57064	0.0107297	0.559154	-1.78829	0.0444719	0.783964	-1.27564	0.0434374	0.0270626	36.97455	0.00784894	0.143915	-6.94855	0.0853147	0.161358	-6.19676	3.37211	49.1117	12.56858	1
cg05842175	C6orf176	0.0506269	0.0206335	3.78201	3.78201	0.417843	0.673629	-1.4845	0.875745	0.928048	-1.07753	0.0307808	3.35524	3.35524	0.340364	1.59822	1.59822	0.0243399	1.59892	1.59892	0.028415	3.43618	3.43618	0.0396377	3.11239	3.11239	0.279969	1.70906	1.70906	3.3721	12.3615	3.20577	1
cg10313463	DCTP1	0.0506272	0.794291	0.957968	-1.04388	0.6884004	0.715608	-1.39741	0.00775438	0.570109	-1.75405	0.043553	0.113777	1.11777	0.227474	1.05918	1.05918	0.0779656	1.13969	1.13969	0.0479075	0.689594	-1.45013	0.867221	1.02788	1.02788	0.114056	0.772669	-1.29422	3.37209	1.44222	0.380171	1
cg12709244	DLG4;ACADVL;ACADVL;ACADVL;DLG4; ACADVL	0.050623	0.628958	0.832095	-1.20179	0.408267	1.37719	1.37719	0.5435	1.2615	1.2615	0.239687	1.59607	1.59607	0.350961	0.695181	-1.43847	0.00807802	0.264089	-3.7866	0.255062	1.56995	1.56995	0.0143942	3.308412	-3.24242	0.477499	1.31393	1.31393	3.65796	8.06396	1.71461	1
cg07024339	ONECUT2	0.0506275	0.542484	0.886055	-1.12843	0.0778304	0.727892	-1.37371	0.0603704	1.20596	-4.83532	0.0787384	1.95615	1.95615	0.0292917	1.030493	1.030493	0.778754	0.907175	-1.10208	0.2680834	0.672676	-1.4866	0.0819705	1.070049	1.070049	0.0542	1.743172	1.743172	3.37209	6.307551	1.66267	1
cg04154502	ZF82	0.0506289	0.264087	1.32217	1.32217	0.0956552	1.55133	1.55133	0.777963	1.07017	1.07017	0.0923434	0.641187	-1.55961	0.0132571	0.478843	2.08837	0.328384	0.785039	-1.27382	0.0178815	0.503116	-1.99475	0.404331	0.814884	-1.22717	0.790866	1.06584	1.06584	3.37205	1.0738	0.810269	1
cg09236174	C6orf192	0.0506294	0.642022	0.925203	-1.08094	0.657543	1.0769	1.0769	0.910147	0.981428	-1.01892	0.574183	1.09887	1.09887	0.332529	1.18058	1.18058	0.00201367	0.485016	-2.06179	0.474865	1.12826	1.12826	0.0713708	1.39711	1.39711	0.561031	1.102513	1.102513	3.37204	1.47269	0.388208	1
cg13076227	TRRAP	0.0506298	0.0779106	1.44707	1.44707	0.0433155	0.0850633	2.16236	0.0104051	0.2626	-3.80763	0.0426351	1.19221	1.19221	0.0273607	0.838378	-1.19272	0.575664	0.856534	-1.1675	0.0188844	0.244497	-4.09015	0.0262617	1.408881	1.408881	0.127997	0.636716	-1.57056	3.37203	4.00497	1.05574	1
cg26153234	ATP8A2	0.0506298	0.604537	0.883118	-1.13235	0.0241991	0.0965	2.0965	0.969711	0.991007	-1.00907	0.47789	1.18728	1.18728	0.0683784	1.62842	1.62842	0.609125	0.884534	-1.13054	0.0623622	2.33531	2.33531	0.138455	1.46152	1.46152	0.559928	1.869146	-1.15055	3.37203	0.02285	0.796843	1
cg13751889	ZFYVE27;ZFYVE27;ZFYVE27	0.0506299	0.402184	0.734315	-1.36181	0.103408	0.526469	-1.89945	0.0501937	0.447453	-2.23487	0.0292628	0.396496	-2.52209	0.00172036	0.199627	-5.00934	0.385151	0.72564	-1.37809	0.380527	0.723255	-1.38264	0.744025	0.888681	-1.12526	0.52047	0.790885	-1.26444	3.37203	0.92867	0.182644	1
cg15188070	ANAPC11;ANAPC11;ANAPC11;THOC6;A NAPC11;ANAPC11;ANAPC11;ANAPC11	0.0506303	0.0829318	1.69352	1.69352	0.469738	0.817262	-1.2236	0.107154	1.62019	1.62019	0.486608	1.21404	1.21404	0.142107	0.633238	-1.57919	0.387122	1.27537	1.27537	0.0908461	0.40269	-2.4833	0.106463	1.62202	1.62202	0.53544	1.18791	1.18791	3.37201	4.02066	1.05988	1
cg11758069	METTL13;METTL13;METTL13	0.0506313	0.555787	0.879068	-1.13757	0.0614326	1.57745	1.57745	0.0387185	0.595807	-1.67839	0.00977614	2.02729	2.02729	0.539216	1.14393	1.14393	0.278239	1.27621	1.27621	0.576132	0.884993	-1.12995	0.226868	1.31582	1.31582	0.0960169	1.48501	1.48501	3.37199	2.49807	0.658753	1
cg04550823	UCK2;UCK2	0.0506319	0.0139924	2.24024	2.24024	0.0373197	0.146544	1.8364	0.0888971	0.0744	-3.38344	0.0888971	0.46093	0.46093	0.0199068	0.51523	1.94123	0.0107033	0.756119	-1.32239	0.0262018	0.0794332	-12.5884	0.0107033	0.748756	-1.33562	0.0262018	0.0794332	-12.5884	3.37198	3.34541	0.227048	1
cg21712440	GAIN1;GAIN1;GALNT9;GALNT9	0.0506335	0.0633023	1.76609	-5.66222	0.0078829	0.941	1.6941	0.949843	1.05361	1.05361	0.457353	1.8315	1.8315	0.156154	1.295629	1.38262	0.966403	1.03558	-1.03558	0.05019	0.753615	-1.63499	0.171325	0.298462	-3.35051	0.402737	0.491205	-2.03581	3.37193	36.8056	9.70247	1
cg27426436	KLHL26	0.0506341	0.00990827	2.84156	2.84156	0.0307019	0.154865	1.54865	0.0852284	0.8275	-1.20855	0.0852284	0.7246	0.7246	0.0207713	0.6494	1.53966	0.0095369	0.62077	-1.61092	0.0139304	0.0355163	-28.1507	0.0095369	0.6625	-1.50925	0.0139304	0.0355163	-28.1507	3.37191	3.34525	0.239125	1
cg00798206	OXSR1;OXSR1	0.0506344	0.00998128	0.745269	-1.3418	0.182568	0.880001	-1.13636	0.404249	0.925779	-1.08058	0.0311953	0.795731	-1.25671	0.229683	1.12064	1.12064	0.026879	0.789068	-1.26732	0.0925367	0.84595	-1.1821	0.512327	0.941714	-1.06189	0.461428	1.07011	1.07011	3.37191	0.436138	0.114973	1
cg08305189	UBTD1;MMS19	0.0506354	0.396474	0.789817	-1.26625	0.0612412	0.136125	1.74342	0.0884894	0.296551	2.96551	0.181258	0.783375	-1.27654	0.0151425	0.561911	1.78004	0.532645	0.83777	-1.19365	0.0174296	0.675099	-1.48126	0.315911	0.753035	-1.32801	0.0834419	1.04974	1.04974	3.37185	3.94681	1.04096	1
cg27134732	C2orf80;C2orf80	0.0506373	0.17945	1.18271	1.18271	0.00451809	0.156098	1.56098	0.04599	0.704796	-1.41925	0.10425	0.987453	1.00214	1.00214	0.410739	1.09028	1.09028	0.429702	1.09951	1.09951	0.513344	0.932456	-1.07213	0.353152	1.11899	1.11899	0.0088583	1.48404	1.37184	0.73957	0.194967	1
cg08802358	FGFR4;FGFR4;FGFR4	0.05064	0.38977	0.880891	-1.13521	0.0806394	1.6196	1.6196	0.382319	0.879037	-1.13761	0.976828	1.00419	1.00419	0.0707506	0.74784	-1.33718	0.861499	1.02545	1.02545	0.0319549	1.43574	1.43574	0.969404	0.994496	-1.00553	0.145191	0.798428	-1.25246	3.37177	1.10579	0.291517	1
cg18084791	SLAMF8	0.0506404	0.11523	0.770596	-1.29765	0.102469	0.154428	1.54428	0.0662	0.0334963	0.606038	-1.4367	0.685052	0.942298	-1.06107	0.344985	2.89907	0.0119167	0.51798	-1.93056	0.0134485	0.18073	-5.53335	0.0119167	0.674914	1.48083	-1.48083	0.127997	0.636716	-1.57056	3.37203	0.40497	0.10574	1
cg14441791	KIF24	0.0506409	0.910555	1.02319	1.02319	0.835524	1.04332	1.04332	0.934455	1.01718	1.01718	0.0850072	0.678114	-1.47468	0.35245	1.2155	1.2155	0.013155	0.534162	-1.87209	0.0109159	1.91874	1.91874	0.413623	1.31856	1.31856	0.412416	0.842884	-1.1864	3.37175	2.22148	0.585646	1
cg01315995	GAUST1;GAUST1	0.0506423	0.728814	0.879148	-1.14402	0.159337	0.827383	-1.20849	0.533491	0.97439	-1.02639	0.729048	1.34437	1.34437	0.0445166	0.210842	-4.74197	0.0813644	0.67007	-1.49234	0.00494641	0.299155	-3.57968	0.0494641	1.22101	1.22101	0.123291	0.625125	-1.6193	3.37173	8.04917	2.32643	1
cg01593935	MOBK2C;MOBK2C	0.0506423	0.266169	1.44835	1.44835	0.764831	1.10067	1.10067	0.0163683	2.65178	2.65178	0.478712	1.79432	1.79432	0.253892	1.53205	1.53205	0.726187	1.37706	1.37706	0.0131483	0.37533	-2.66432	0.289072	0.703389	-1.42168	0.851697	1.56156	1.56156	0.0995859	0.560315	-1.78083	1.37171	5.4586	1.43906	1
cg06647819	TRIM56	0.0506427	0.200341	0.552351	-1.57351	0.685126	1.14638	1.14638	0.694832	0.876231	-1.14125	0.481324	0.786827	-1.27093	0.00105154	0.197042	-5.07506	0.116787	0.564941	-1.77009	0.655944	1.16215	1.16215	0.249842	0.668307	-1.49632	0.82338	0.927823	-1.07779	3.3717	5.99691	1.58098	1
cg09458820	ESRRA	0.050643	0.115522	1.34457	1.34457	0.0955587	0.176568	1.76568	0.0423236	0.588723	1.70004	0.09954	0.829728	1.20536	0.0361315	0.205585	4.86479	0.0156146	0.543443	-1.84029	0.0190836	0.1589	-6.29497	0.0163361	1.26611	-1.26611	0.0830709	1.03003	-1.03003	3.37169	2.3822003	0.643258	1
cg18084114	MATN1	0.0506432	0.63101	0.902381	-1.10818	0.813396	0.951048	-1.05147	0.463207	0.85343	-1.17174	0.896024	1.02814	1.02814	0.27377	0.785264	-1.27346	0.708058	0.923259	-1.08312	0.00145112	2.6553	2.6553	0.167436	1.36662	1.36662	0.329492	1.23814	1.23814	3.37169	2.40583	0.634258	1
cg21288729	FOXO1	0.0506439	0.777827	1.11965	1.11965	0.0027282	0.175111	-5.71066	0.899484	1.00377	1.05177	0.556685	1.26849	1.26849	0.481344	0.753282	-1.32752	0.0331869	2.76795	2.76795	0.378309	0.695985	-1.43683	0.515907	0.770037	-1.29864	0.605979	0.812137	-1.23132	3.36747	0.94044	1.59247	1
cg13941153	ALPK1;ALPK1	0.0506469	0.434665	0.76069	-1.41445	0.431504	1.41796	1.41796	0.00979925	0.245619	-4.13875	0.82899	0.910199	-1.09866	0.00367742	0.182221	-5.51813	0.436557	1.41234	1.41234	0.0817202	1.06692	1.06692	0.411891	0.694227	-1.44045	0.558923	0.773303	-1.29315	3.37159	10.1035	2.66368	1
cg03168501	TDRD12	0.0506474	0.829504	1.05079	1.05079	0.0740978	1.5798	1.5798	0.0323293	1.77855	1.77855	0.888039	1.03289	1.03289	0.259612	0.763234	-1.31021	0.0361251	1.75052	1.75052	0.012666	2.038	2.038	0.196292	0.730573	-1.36879	0.976883	1.00668	1.00668	3.37158	2.81875	0.743141	1
cg24391458	SLC9A8	0.050648	?	?	?	?	0.176511	1.69611	0.121462	2.37855	2.37855	?	1.37828	1.37828	?	?	?	0.0119103	0.185275	-5.39739	?	?	?	0.976814	0.985295	-1.01492	0.0470103	0.306407	-3.26364	3.34687	0.3222	0.13211	1
cg16487794	CACHD1	0.050648	0.389202	1.16078	1.16078	0.13948	0.764377	-1.30826	0.274016	0.825042	-1.21206	0.257463	1.22101	1.22101	0.0484729	0.68325	-1.46359	0.0764491	0.716768	-1.39515	0.0286352	0.646464	-1.54688	0.0475023	1.4667	1.4667	0.687058	1.07082	1.07082	3.37156	1.52441	0.4019	1
cg21642988	DNAJA4;DNAJA4;DNAJA4	0.0506482	0.0245158	1.98144	1.98144	0.0199337	0.0877383	2.27413	0.0187358	0.0187358	3.98397	0.0187358	0.0187358	3.98397	0.0153202	0.645132	-1.55017	0.0444032	0.725154	-1.37956	0.0222	0.0204694	0.325046	-3.07649	0.0204694	1.27592	1.27592	0.128012	0.574818	-1.73967	3.37156	3.02426	0.896221	1
cg12310744	CWF19L2;CWF19L2	0.0506496	0.212806	1.16678	1.16678	0.0132843	1.43428	1.43428	0.535199	1.07661	1.07661	0.75877	0.964439	-1.03687	0.0262734	1.3632	1.3632	0.0719685	1.26631	1.26631	0.431443	0.90993	-1.09899	0.056904	0.776242	-1.28826	0.439586	1.09714	1.09714	3.37152	0.737859	0.194534	1
cg10725862	GTF2H4	0.0506508	0.475298	1.40768	1.40768	0.049516	0.34826	-2.87142	0.827863	1.10802	1.10802	0.0854198	0.408354	-2.44886	0.0721732	0.291649	3.42878	0.0959355	0.421921	-2.37011	0.0105934	2.219999	-4.54547	0.302851	1.6532	1.6532	0.928967	1.04289	1.04289	3.37149	13.8466	3.12335	1
cg20183756	LOC116437	0.050626	0.10426	1.37492	1.37492	0.0455609	0.192727	1.92705	0.0764564	0.68284	-1.46474	0.17122	0.733252	1.36285	0.0413556	0.255107	3.92055	0.0404019	0.49932	-2.00301	0.0104587	0.0601	-16.6389	0.0404019	1.13116	1.13116	0.0219385	0.657799	-1.52022	0.0981471	-2.08259	0.0156105	0.610928	-1.63685	3.37147	5.92021	1.48488	1
cg09505572	SPON1	0.0506522	0.0334654	0.207011	-4.83065	0.0804284	0.118524	-8.43712	0.475941	0.631605	-1.58327	0.32288	0.523471	-1.91033	0.0140552	0.14633	-6.83387	0.0601431	0.260784	-3.83459	0.0227111	0.177506	-5.63363	0.519968	0.663179	-1.51199	0.148548	0.374468	-2.67046	3.37146	21.4558	5.65684	1
cg23864210	RNF160	0.0506525	0.0931653	2.07915	2.07915	0.0130943	0.127315	-7.71705	0.909455	1.00059	-1.00059	0.984497	1.18132	1.18132	0.0844397	0.61084	-1.63704	0.159367	1.46257	1.46257	0.600249	1.14303	1.14303	0.0844397	0.760317	-1.31506	0.0844397	0.61084	-1.63704	3.37145	1.06321	0.222787	1.38249	0.89981	1
cg24023487	SPTLC3	0.0506539	0.211515	0.466728	-2.2385	0.0396804	0.231121	-4.28962	0.0285766	0.205685	-4.86179	0.0369825	0.226956	-4.40614	0.0111885	0.142813	-7.00216	0.0598728	0.722462	-1.38416	0.0105214	0.139362	-7.17558	0.296067	0.515146	-1.9412	0.166299	0.405108	0.464848	3.37141	20.0121	5.27628	1
cg10377713	OPALIN;OPALIN;OPALIN	0.0506579	0.751892	0.954293	-1.0479	0.616475	1.07111	1.07111	0.0528375	0.741271	-1.34903	0.81419	0.96848	-1.03255	0.288716	0.860859	-1.16163	0.0361251	1.75052	1.75052	0.012666	2.038	2.038	0.196292	0.730573	-1.36879	0.976883	1.00668	1.00668	3.37158	2.81875	0.743141	1
cg24391458	SLC

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19475575	C21orf70	0.0507228	0.0323728	0.208062	-4.80627	0.0468259	0.240245	-4.16242	0.0671274	0.276417	-3.61773	0.12336	0.351372	-2.84599	0.0191779	0.169342	-5.90521
cg24016627	RNF39;RNF39	0.0507252	0.41247	0.471162	-2.12241	0.346813	2.38934	2.38934	0.00274826	0.0202479	-49.3879	0.0890539	0.181887	-5.49793	0.0652485	0.151619	-6.59549
cg13016314	OSR2;OSR2	0.0507257	0.0977437	0.58871	-1.69863	0.260677	1.40794	1.40794	0.346502	1.32673	1.32673	0.585983	0.851809	-1.17397	0.161171	0.646343	-1.54717
cg23310237	C5orf36	0.0507262	0.835426	1.07285	1.07285	0.958765	0.982675	-1.01763	0.232993	0.655264	-1.5261	0.103252	0.547507	-1.82646	0.00152913	0.213991	-4.67309
cg22356083	COX6B2	0.0507266	0.0212039	0.281476	-3.55271	0.512268	0.737772	-1.35543	0.0599319	0.378619	-2.64118	0.569073	0.768482	-1.30127	0.023385	0.289528	-3.4539
cg20327686	PSME3;PSME3	0.0507285	0.103057	1.35491	1.35491	0.37625	1.16726	1.16726	0.454149	0.878217	-1.13867	0.015704	0.603929	-1.65582	0.116699	1.33683	1.33683
cg14685356	SYNE1;SYNE1;SYNE1	0.0507306	0.615093	1.27023	1.27023	0.802249	1.12568	1.12568	0.184395	0.514652	-1.94306	0.929374	0.959038	-1.04271	0.00174376	0.121742	-8.21409
cg19476788	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0507316	0.449104	1.23919	1.23919	0.168318	1.50406	1.50406	0.913044	1.03084	1.03084	0.91643	0.971239	-1.02961	0.128095	0.632955	-1.57989
cg07761273	EGFL6;EGFL6	0.050732	0.0796542	0.724018	-1.38118	0.0132066	0.600501	-1.66528	0.406686	1.15133	1.15133	0.121696	0.75689	-1.3212	0.00692751	0.559813	-1.78631
cg03865944	CD2AP	0.0507322	0.561334	0.842929	-1.18634	0.074033	1.78467	1.78467	0.983459	1.00605	1.00605	0.403098	1.28266	1.28266	0.0443688	0.510766	-1.95784
cg25526717	PFKL;PFKL	0.0507323	0.766802	1.08348	1.08348	0.448427	1.23217	1.23217	0.601285	0.867387	-1.15289	0.62195	1.1435	1.1435	0.384161	0.785548	-1.273
cg14501253	C8orf79	0.0507327	0.459123	1.08101	1.08101	0.579918	0.94386	-1.05948	0.516535	1.07034	1.07034	0.863402	0.982362	-1.01795	0.0118467	1.38362	1.38362
cg17354052	UBFD1;EARS2;EARS2	0.0507342	0.627115	0.94313	-1.0603	0.0960836	0.803663	-1.2443	0.0769431	0.790382	-1.26521	0.969381	0.99542	-1.0046	0.0870367	0.79771	-1.25359
cg12034871	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.0507348	0.315273	0.466935	-2.14162	0.00121862	0.0310667	-32.1888	0.152501	0.324988	-3.07704	0.442098	1.77684	1.77684	0.422659	0.54844	-1.82335
cg02600411	DEFB136	0.0507353	0.662029	0.866413	-1.15418	0.701715	0.882091	-1.13367	0.00607895	0.311044	-3.21498	0.816093	0.926862	-1.07891	0.0510565	2.06355	2.06355
cg23009067	GNA12	0.0507369	0.136406	0.460522	-2.17145	0.0141182	0.231378	-4.32193	0.299185	0.594549	-1.68195	0.167573	2.03566	2.03566	0.0380438	0.312838	-3.19655
cg02504541	LOC440944;SETD5	0.0507376	0.00431346	0.543415	-1.84022	0.186313	0.799375	-1.25098	0.150706	1.2791	1.2791	0.0398603	0.684059	-1.46186	0.0748794	0.728285	-1.37309
cg15928742	GORASP2	0.0507377	0.0837565	0.578495	-1.72862	0.100839	0.59813	-1.67188	0.38752	1.28828	1.28828	0.394128	1.28355	1.28355	0.0075246	0.373941	-2.67422
cg10365743	FOXK1	0.0507402	0.0794287	0.638803	-1.56543	0.0441494	0.587279	-1.70277	0.145739	0.698009	-1.43265	0.211669	0.738701	-1.35373	0.00421356	0.413916	-2.41595
cg14328415	LCN12	0.0507413	0.47553	0.69536	-1.4381	0.0107797	0.201089	-4.97291	0.0557469	0.337779	-2.96052	0.419544	0.661667	-1.51134	0.00555362	0.161329	-6.19853
cg05854207	ZFPM1	0.0507416	0.801649	0.910946	-1.09776	0.233427	0.62944	-1.58871	0.0164971	0.337733	-2.96092	0.335055	0.691865	-1.44537	0.00280569	0.21746	-4.59854
cg26560871	GRM1;GRM1	0.0507422	0.0105102	0.424963	-2.35315	0.838548	1.05572	1.05572	0.362223	0.779649	-1.28263	0.628938	0.878608	-1.13816	0.169839	0.677989	-1.47495
cg21611230	PHLDB3	0.0507423	0.035863	1.69426	1.69426	0.002273	2.51403	2.51403	0.0993575	1.47711	1.47711	0.95207	1.01307	1.01307	0.105051	1.46593	1.46593
cg19197744	NOV	0.0507436	0.134292	0.424556	-2.3554	0.943384	1.0384	1.0384	0.0230547	0.236458	-4.22908	0.121842	0.410748	-2.43458	0.0588409	0.322316	-3.10254
cg01480550	GABRE	0.0507436	0.0321455	0.422226	-2.3684	0.664973	0.860975	-1.16147	0.157921	0.5953	-1.67982	0.0547163	2.11411	2.11411	0.139858	0.579411	-1.72589
cg05886367	BTNL9;BTNL9	0.0507436	0.0466001	0.188851	-5.29517	0.489808	0.598618	-1.67051	0.167204	0.340617	-2.93585	0.0383672	0.172885	-5.78418	0.0514789	0.197587	-5.06106
cg25626999	NCLN	0.0507443	0.144363	0.641004	-1.56005	0.0130392	0.417464	-2.39542	0.0710266	0.564403	-1.77178	0.874732	0.956241	-1.04576	0.0746741	0.569426	-1.75615
cg02211519	CD81	0.0507445	0.346661	1.44985	1.44985	0.0447661	2.4182	2.4182	0.172527	1.74456	1.74456	0.00911434	3.5603	3.5603	0.192192	0.589121	-1.69745
cg00652027	NCRNA00169;CRYM	0.0507447	0.961237	0.980265	-1.02013	0.389569	1.43564	1.43564	0.804384	0.903231	-1.10714	0.439805	1.38144	1.38144	0.00335696	0.194631	-5.13792
cg10107786	MAPRE1	0.0507453	0.570451	1.10747	1.10747	0.218958	1.25881	1.25881	0.178266	1.28998	1.28998	0.719252	0.937761	-1.06637	0.179712	0.775941	-1.28876
cg25731807	TMEM171;TMEM171	0.0507457	0.0367259	3.08749	3.08749	0.970404	1.01738	1.01738	0.224737	1.80832	1.80832	0.0681719	2.58258	2.58258	0.564061	1.31115	1.31115
cg06745797	B3GNTL1	0.050746	0.061695	0.395151	-2.53068	0.0144259	0.264402	-3.78212	0.654492	0.819763	-1.21986	0.00434889	0.18617	-5.37144	0.0555764	0.383995	-2.6042
cg09322616	PRKCZ;PRKCZ;PRKCZ	0.0507479	0.126478	2.3153	2.3153	0.00267911	8.23068	8.23068	0.0263074	3.81197	3.81197	0.48051	1.43936	1.43936	0.991846	0.994823	-1.0052
cg08843517	CYBA	0.0507504	0.0491628	10.5541	10.5541	0.070539	8.33914	8.33914	0.160152	4.82968	4.82968	0.169858	4.63833	4.63833	0.0747471	8.02873	8.02873
cg06641021	USH2A;USH2A	0.0507507	0.00570828	0.391492	-2.55433	0.314537	1.30878	1.30878	0.544314	1.17207	1.17207	0.939685	1.01977	1.01977	0.745494	0.919187	-1.08792
cg27657537	MED15;MED15	0.050752	0.0103557	0.27594	-3.62397	0.147073	0.537733	-1.85966	0.0058884	0.237691	-4.20715	0.0670709	0.441161	-2.26675	0.54852	0.785011	-1.27387
cg04828284	MTMR14;MTMR14;MTMR14;MTMR14;MTMR14;MTMR14	0.050753	0.0141505	0.529291	-1.88932	0.774556	0.941437	-1.06221	0.130538	1.40936	1.40936	0.035898	0.598731	-1.6702	0.854596	0.962184	-1.0393
cg00707130	FCGBP	0.0507536	0.00393087	0.127016	-7.87302	0.35159	0.600621	-1.66494	0.0138195	0.198284	-5.04328	0.0709264	0.341998	-2.92399	0.096171	0.378502	-2.64199
cg08984038	PTPRN2;PTPRN2;PTPRN2	0.0507538	0.45444	0.767188	-1.30346	0.0668043	2.04371	2.04371	0.0204166	2.64304	2.64304	0.396842	0.739506	-1.35225	0.083063	0.513009	-1.94929
cg13733923	LRG1	0.0507555	0.520558	0.703824	-1.42081	0.82736	1.12501	1.12501	0.0351075	0.2661	-3.75799	0.729121	1.20621	1.20621	0.00779573	0.15846	-6.31075
cg12209487	TF	0.0507557	0.20389	0.78588	-1.27246	0.0882027	0.713156	-1.40222	0.0167908	0.591924	-1.68941	0.187464	0.778005	-1.28534	0.220274	1.2606	1.2606
cg16560711	C8orf83	0.0507561	0.139799	1.17652	1.17652	0.456532	0.925346	-1.08068	0.0162077	1.35107	1.35107	0.353058	0.906855	-1.10271	0.896474	0.986768	-1.01341
cg26119331	PTPN14	0.0507562	0.0854509	0.396751	-2.52047	0.00803531	0.191815	-5.21336	0.191231	0.510258	-1.95979	0.15959	0.481536	-2.07669	0.00603525	0.174797	-5.72093
cg21565575	SLA2;SLA2;SLA2;SLA2	0.0507571	0.63118	0.841338	-1.18858	0.698745	1.14901	1.14901	0.21678	0.628639	-1.59074	0.140066	0.567204	-1.76303	0.00618271	0.279326	-3.58005
cg05757016	C16orf71;ANKS3;C16orf71	0.050758	0.0960681	1.24714	1.24714	0.00241868	0.600229	-1.66603	0.138511	0.824718	-1.21254	0.75423	1.03868	1.03868	0.284946	0.874402	-1.14364
cg01922580	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.0507584	0.320589	0.829743	-1.20519	0.0289922	1.59701	1.59701	0.603718	1.09991	1.09991	0.00816608	1.85085	1.85085	0.326588	1.20224	1.20224
cg00953480	PAX5	0.0507598	0.547601	1.39786	1.39786	0.968241	0.978325	-1.02216	0.760059	0.844848	-1.18365	0.27271	0.533477	-1.8745	0.125393	0.401352	-2.49158
cg12884406	COL11A1;COL11A1;COL11A1;COL11A1;COL11A1;COL11A1;COL11A1;COL11A1	0.0507602	0.515428	1.13654	1.13654	0.0758233	1.46736	1.46736	0.00200907	2.33009	2.33009	0.375208	1.19317	1.19317	0.179275	1.31895	1.31895
cg10965738	RICTOR	0.0507606	0.0237482	0.266135	-3.7575	0.421039	0.66822	-1.49651	0.336929	0.615358	-1.62507	0.0913749	2.48879	2.48879	0.133455	0.452094	-2.21193
cg04319429	DCTN2	0.0507631	0.26255	0.803969	-1.24383	0.0391984	0.640369	-1.5616	0.969749	0.992942	-1.00711	0.0301407	1.61007	1.61007	0.875191	0.971067	-1.02979
cg22868319	PIGU	0.0507642	0.620431	1.10711	1.10711	0.726129	1.07431	1.07431	0.188185	1.32872	1.32872	0.146221	0.727666	-1.37426	0.00424959	0.458464	-2.18119
cg21678396	FBRSL1	0.0507644	0.79693	0.914501	-1.09349	0.823165	0.925354	-1.08067	0.173682	0.605504	-1.65152	0.879601	1.05394	1.05394	0.00228032	0.227902	-4.38786
cg04580179	KCNG3;KCNG3	0.0507655	0.101817	4.21498	4.21498	0.0526935	5.86617	5.86617	0.192869	3.02522	3.02522	0.176966	3.16704	3.16704	0.0291595	7.88412	7.88412
cg07497911	CA7;CA7	0.0507667	0.466702	0.864736	-1.15642	0.0333909	0.61398	-1.62872	0.419076	0.850441	-1.17586	0.0886835	1.44553	1.44553	0.0375566	0.622859	-1.6055
cg12850810	HEBP2	0.0507673	0.399526	1.07877	1.07877	0.983996	0.998238	-1.00176	0.0072349	1.35615	1.35615	0.504336	1.06137	1.06137	0.4858	1.06424	1.06424
cg21606490	NTNG1;NTNG1;NTNG1	0.0507695	0.131814	0.326997	-3.05813	0.0129986	0.120273	-8.31445	0.132214	0.327435	-3.05405	0.759836	0.810016	-1.23454	0.0673113	0.244407	-4.09153
cg06219577	RANGAP1	0.0507746	0.43458	1.17029	1.17029	0.0140468	1.81862	1.81862	0.0143264	0.55124	-1.81409	0.740101	1.06786	1.06786	0.218921	1.29049	1.29049
cg13093389	FLJ10357	0.0507761	0.0616161	0.550897	-1.81522	0.0843528	0.582332	-1.71723	0.646866	1.13954	1.13954	0.598053	0.860135	-1.16261	0.0096803	0.395733	-2.52695
cg14397799	SND1	0.0507762	0.0356941	0.230943	-4.33008	0.130731	0.375903	-2.66026	0.593896	1.38081	1.38081	0.67701	1.28551	1.28551	0.00269344	0.0832264	-12.0154
cg25381775	RPL22	0.0507766	0.620958	1.10517	1.10517	0.688241	1.08428	1.08428	0.910752	0.977757	-1.02275	0.0127264	0.537389	-1.86085	0.284305	0.800012	-1.24998
cg13235288	RUSC1;RUSC1;C1orf104;RUSC1;RUSC1	0.0507769	0.366426	0.746761	-1.33912	0.0324129	0.454671	-2.19939	0.00943896	0.355103	-2.81609	0.240317	1.47239	1.47239	0.468673	1.26115	1.26115
cg22959932	C3orf32;C3orf32	0.0507793	0.00600181	0.34985	-2.85837	0.214943	0.682623	-1.46494	0.0288722	0.47064	-2.12477	0.176623	0.656961	-1.52216	0.00998422	0.386153	-2.58965
cg27526665	THRB;THRB;THRB	0.0507794	0.766425	1.188	1.188	0.195677	2.20638	2.20638	0.550206	1.41845	1.41845	0.00459888	8.85708	8.85708	0.718649	0.811223	-1.23271
cg07067904	MTHFD2;MTHFD2	0.0507809	0.0800208	0.705336	-1.41776	0.21466	1.26462	1.26462	0.0720164	1.43464	1.43464	0.282938	0.818313	-1.22203	0.0450129	0.661387	-1.51197
cg12420948	KIFC1	0.0507823	0.43501	1.15014	1.15014	0.339039	1.18895	1.18895	0.858537	0.969153	-1.03183	0.266991	1.2252	1.2252	0.234135	1.24489	1.24489
cg20506347	FOXP1;FOXP1	0.0507824	0.136139	0.493095	-2.02801	0.0124671	0.254394	-3.93091	0.00939412	0.234595	-4.26266	0.967018	1.01837	1.01837	0.617121	0.800979	-1.24847
cg25567805	LAMA4;LAMA4;LAMA4	0.0507826	0.085053	0.224192	-4.46046	0.00855421	0.0717738	-13.9327	0.102447	0.24578	-4.06868	0.401667	0.509648	-1.96214	0.363836	0.480561	-2.0809
cg10322510	RUNDC2A	0.0507838	0.301184	1.17843	1.17843	0.0470374	0.705835	-1.41676	0.715894	0.945519	-1.05762	0.53806	0.908868	-1.10027	0.0685006	0.731567	-1.36693
cg15613012	TRIM27	0.0507841	0.121963	0.72697	-1.37557	0.411832	1.17306	1.17306	0.00959208	1.866	1.866	0.0906425	1.42561	1.42561	0.131671	0.733781	-1.3628
cg19161124	DPP6	0.050787	0.691709	1.06969	1.06969	0.696047	1.06861	1.06861	0.0227209	1.58555	1.58555	0.128612	1.31998	1.31998	0.620269	1.08809	1.08809
cg11856822	C1orf229;C1orf229	0.0507888	0.616662	0.905256	-1.10466	0.0461896	0.637304	-1.56911	0.66045	0.916509	-1.0911	0.0634196	0.662544	-1.50933	0.301782	0.809781	-1.2349
cg08951891	CABP4	0.0507913	0.0752931	0.594079	-1.68328	0.241509	0.724429	-1.3804	0.0336915	0.520885	-1.91981	0.474564	0.825951	-1.21073	0.205086	0.703585	-1.42129
cg19711075	FBXO3;FBXO3	0.0507914	0.361501	0.873575	-1.14472	0.205575	0.824955	-1.21219	0.0658444	1.34637	1.34637	0.191721	0.819428	-1.22036	0.131175	1.26471	1.26471
cg13252206	EFHA2	0.0507918	0.286723	0.585579	-1.70771	0.0590458	0.356565	-2.80454	0.0082196	0.194852	-5.13211	0.657709	1.24075	1.24075	0.0658514	0.368462	-2.71398
cg22376389	PIRT	0.0507918	0.561319	0.799679	-1.2505	0.00112236	0.161115	-6.20673	0.737738	0.879936	-1.13645	0.918308	1.03982	1.03982	0.656569	0.843387	-1.1857
cg10266394	DPF3	0.0507935	0.0447313	0.755961	-1.32282	0.733183	0.959306	-1.04242	0.667252	1.05392	1.05392	0.406203	0.901973	-1.10868	0.426776	1.10354	1.10354
cg21783004	LECT2	0.0507981	0.717065	0.847058	-1.18056	0.128039	0.472178	-2.11785	0.00225208	0.142254	-7.02968	0.231062	0.563841	-1.77355	0.0163379	0.262121	-3.81503
cg14710025	MIPEP	0.0508002	0.37483	0.752425	-1.32904	0.0229559	0.427604	-2.33861	0.0832625	0.54947	-1.81993	0.227326	0.673149	-1.48556	0.0119948	0.375801	-2.66098
cg07511564	NXPH1	0.0508007	0.0412062	5.81905	5.81905	0.754804	0.791148	-1.26399	0.0493507	5.35153	5.35153	0.0445087	5.61437	5.61437	0.508221	0.605378	-1.65186
cg03607708	USH2A	0.0508013	0.0713668	0.219133	-4.56344	0.16452	0.326946	-3.05861	0.0368877	0.160848	-6.21705	0.0992871	0.256131	-3.90426	0.0203034	0.121347	-8.24086
cg19746186	FGGY;FGGY	0.0508023	0.065141	0.313001	-3.19487	0.0164649	0.193205	-5.17585	0.0146473	0.185277	-5.39734	0.11938	0.387509	-2.58058	0.0250708	0.22425	-4.45931
cg18305444	KLHL29	0.0508032	0.0979642	0.733406	-1.3635	0.0162718	1.65178	1.65178	0.363192	0.852472	-1.17306	0.226272	1.24236	1.24236	0.0112939	0.581617	-1.71934
cg22148663	FAM193B;FAM193B	0.0508039	0.0714956	0.521532	-1.91743	0.696009	0.880734	-1.13542	0.709975	1.12843	1.12843	0.414266	1.30988	1.30988	0.0109779	0.356213	-2.80731
cg23547764	SYNGR4	0.050804	0.943941	0.98093	-1.01944	0.0256171	2.0668	2.0668	0.866256	1.04723	1.04723	0.879462	1.04243	1.04243	0.116689	0.627068	-1.59472
cg00571021	NOS3	0.0508046	0.122424	0.494228	-2.02336	0.106247	2.10158	2.10158	0.0267598	3.01878	3.01878	0.126039	2.00758	2.00758	0.277099	0.62132	-1.60948
cg16574155	C1orf172	0.0508054	0.116899	0.520997	-1.9194	0.303054	0.66475	-1.50433	0.777792	0.897365	-1.11437	0.128972	1.87382	1.87382	0.0337208	0.387039	-2.58372
cg15960928	TROAP;TROAP	0.0508059	0.0484823	0.671974	-1.48815	0.85895	1.03187	1.03187	0.0166417	0.597114	-1.67472	0.767308	0.949016	-1.05372	0.416397	0.863744	-1.15775
cg24592527	LOC100101938	0.050806	0.82053	1.15023	1.15023	0.160208	0.39687	-2.51971	0.834147	1.13785	1.13785	0.14129	0.377428	-2.64952	0.00116483	0.0530329	-18.8562
cg25107972	CNST;CNST	0.0508066	0.467049	0.791276	-1.26378	0.921303	1.03175	1.03175	0.315645	0.720217	-1.38847	0.37088	0.74777	-1.33731	0.00226166	0.258831	-3.86352
cg00293409	LRRC33;LRRC33	0.0508072	0.163832	0.662558	-1.5093	0.0017747	3.4316	3.4316	0.851818	1.05318	1.05318	0.143455	0.646894	-1.54585	0.885985	0.961029	-1.04055
cg09668344	PAK1;PAK1	0.0508078	0.0169537	0.304605	-3.28294	0.843328	1.08413	1.08413	0.396374	1.42551	1.42551	0.703886	0.855663	-1.16868	0.00564771	0.227064	-4.40405
cg01747664	TRAPPC3	0.0508079	0.993376	0.997286	-1.00272	0.0370074	2.21003	2.21003	0.279345	1.4452	1.4452	0.00353701	0.274011	-3.64949	0.460567	0.781938	-1.27887
cg04101015	CADM3;CADM3	0.050808	0.628588	1.20807	1.20807	0.00709018	3.85431	3.85431	0.0111442	3.43446	3.43446	0.745859	1.13441	1.13441	0.795834	1.10579	1.10579
cg26688816	ATP6V1E2	0.05081	0.620312	1.11294	1.11294	0.137598	0.709906	-1.40864	0.0397782	0.600891	-1.6642	0.473345	0.855333	-1.16914	0.821122	1.04972	1.04972
cg07577957	SLIT1	0.0508114	0.0978508	1.49054	1.49054	0.0601868	1.59348	1.59348	0.0229378	1.81853	1.81853	0.0239855	1.80734	1.80734	0.712304	0.921819	-1.08481
cg06952397	KIF1A	0.0508126	0.241961	1.49508	1.49508	0.0349095	2.24181	2.24181	0.274212	1.45299	1.45299	0.344599	1.37669	1.37669	0.0414322	0.461949	-2.16474
cg07297832	SEMA5B	0.050813	0.955876	0.984678	-1.01556	0.903999	1.03424	1.03424	0.0781971	0.579234	-1.72642	0.535126	0.839229	-1.19157	0.705425	1.1118	1.1118
cg11780934	ANKRD13B	0.0508135	0.931018	0.983105	-1.01719	0.930836	1.01723	1.01723	0.220242	0.775951	-1.28874	0.276551	1.2495	1.2495	0.111844	1.40603	1.40603
cg09040277	TSR1;SNORD91A	0.0508159	0.0553056	0.605089	-1.65265	0.483768	1.17889	1.17889	0.0105276	2.105	2.105	0.445969	0.835557	-1.19681	0.583883	0.879931	-1.13645
cg08024029	VWA5B1	0.0508162	0.0765148	3.3345	3.3345	0.111693	2.88307	2.88307	0.395533	1.70207	1.70207	0.187397	2.34908	2.34908	0.414466	1.6651	1.6651
cg05374956	FUT6;FUT6;FUT6;FUT6	0.0508179	0.123732	1.69664	1.69664	0.0276944	2.28263	2.28263	0.0401938	0.471554	-2.12065	0.804202	0.924257	-1.08195	0.50801	1.23732	1.23732
cg12093005	FBRSL1	0.0508184	0.372157	0.853469	-1.17169	0.468415	1.13607	1.13607	0.964737	1.00767	1.00767	0.83139	1.03756	1.03756	0.27748	0.822583	-1.21568
cg08200582	ANO9	0.050819	0.114697	1.8192	1.8192	0.0760262	1.99111	1.99111	0.470411	1.29193	1.29193	0.0263304	2.50659	2.50659	0.117525	0.552673	-1.80939
cg01362183	MAP3K7IP2	0.0508199	0.869061	1.01447	1.01447	0.0523423	1.21183	1.21183	0.00633973	1.36266	1.36266	0.691208	0.965834	-1.03537	0.128885	1.1536	1.1536
cg27422141	PCDH9;PCDH9	0.0508202	0.363858	0.781117	-1.28022	0.100915	0.621507	-1.60899	0.0165014	2.17162	2.17162	0.571528	0.859536	-1.16342	0.318963	0.761352	-1.31345
cg17547399	PSME4	0.0508206	0.209638	0.865586	-1.15529	0.662945	0.953252	-1.04904	0.00529464	1.49371	1.49371	0.879503	0.983575	-1.0167	0.0473651	0.780619	-1.28104
cg12699599	PHGR1	0.0508207	0.0174137	0.34687	-2.88293	0.034323	0.405385	-2.46679	0.0194415	0.355844	-2.81022	0.0453731	0.431942	-2.31513	0.0679233	0.473422	-2.11228
cg15406666	LIPA;LIPA	0.0508216	0.23816	0.74359	-1.34483	0.181705	1.40485	1.40485	0.258559	1.32665	1.32665	0.37782	1.24231	1.24231	0.022513	0.519312	-1.92563
cg06418131	TNXB	0.0508254	0.449865	0.826964	-1.20924	0.955252	1.01394	1.01394	0.0119393	0.461146	-2.16851	0.358662	0.792234	-1.26225	0.00319722	0.370412	-2.6997
cg22974228	ALX4	0.0508256	0.994438	1.00255	1.00255	0.00622761	0.272391	-3.6712	0.351925	1.41818	1.41818	0.343457	1.42752	1.42752	0.801814	1.09606	1.09606
cg20325454	STAMBP;STAMBP;STAMBP	0.0508267	0.945662	0.979438	-1.02099	0.744348	0.905072	-1.10488	0.231229	0.681961	-1.46636	0.0982597	0.575362	-1.73804	0.901677	1.03839	1.03839
cg16626452	TSPY4	0.0508269	0.138757	2.0363	2.0363	0.314056	0.62838	-1.59139	0.132845	2.06192	2.06192	0.0349752	0.334048	-2.99359	0.0940919	0.439814	-2.27369
cg23812948	C1orf159	0.0508283	0.0352566	0.099881	-10.0119	0.0132143	0.0558171	-17.9156	0.171266	0.254479	-3.9296	0.154746	0.239106	-4.18224	0.0191028	0.0696158	-14.3646
cg01539630	USP22	0.0508291	0.899746	0.980946	-1.01942	0.512045	1.10683	1.10683	0.376168	1.14869	1.14869	0.0556931	0.71826	-1.39225	0.429605	1.13096	1.13096
cg13426503	RBL2	0.0508307	0.0906919	0.80563	-1.24126	0.613706	0.942684	-1.0608	0.845114	1.02294	1.02294	0.0111249	0.691379	-1.44639	0.121622	0.823168	-1.21482
cg03946762	ZNF385A;ZNF385A;ZNF385A;ZNF385A	0.0508324	0.960355	0.988848	-1.01128	0.051436	0.606368	-1.64916	0.717362	1.08547	1.08547	0.226767	1.3315	1.3315	0.0352984	1.73854	1.73854
cg16408784	ZNF259	0.0508329	0.0652306	0.227159	-4.40221	0.100313	0.2755	-3.62976	0.736683	1.27335	1.27335	0.366575	0.514681	-1.94295	0.0137411	0.112885	-8.8586
cg19988346	DBI;DBI;C2orf76;DBI	0.0508334	0.217349	1.43094	1.43094	0.494323	1.21121	1.21121	0.687019	0.894198	-1.11832	0.0685762	0.569574	-1.7557	0.679446	1.12156	1.12156
cg08373023	AATK	0.0508336	0.0876158	1.61663	1.61663	0.994862	0.998361	-1.00164	0.755864	0.923622	-1.08269	0.226204	0.723446	-1.38227	0.0384772	0.542897	-1.84197
cg08502703	PDXK	0.0508344	0.0825762	0.686709	-1.45622	0.0291942	1.6526	1.6526	0.16874	1.33197	1.33197	0.236474	0.784676	-1.27441	0.132066	1.37402	1.37402
cg19993573	DLGAP2	0.0508345	0.595763	0.898932	-1.11243	0.413542	0.846749	-1.18099	0.0140641	0.547019	-1.82809	0.0328265	0.608454	-1.64351	0.3187	0.81458	-1.22763
cg22927979	PEG3;PEG3;ZIM2;ZIM2;PEG3;ZIM2;MIMT1;PEG3	0.050835	0.332507	0.643645	-1.55365	0.817405	1.10731	1.10731	0.0604719	0.393366	-2.54216	0.0261068	0.312414	-3.20088	0.016423	0.274609	-3.64154
cg05405594	XPO4	0.0508388	0.330996	1.22425	1.22425	0.0159678	1.81325	1.81325	0.0163229	1.80813	1.80813	0.316193	1.23249	1.23249	0.170913	1.34193	1.34193
cg12871376	PGC;PGC	0.0508392	0.66597	1.1286	1.1286	0.0359381	0.50676	-1.97332	0.207445	0.690542	-1.44814	0.0646428	0.560959	-1.78266	0.386911	0.781106	-1.28024
cg06535498	NOTCH4	0.0508396	0.597645	1.22665	1.22665	0.118549	0.522088	-1.91539	0.00678939	0.260409	-3.84011	0.763613	1.12264	1.12264	0.114887	0.518103	-1.93012
cg04100337	SDK2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27319677	CASD1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13069441	STK19;STK19;DOM3Z;STK19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25426776	PPP1R9B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19422460	FAM101B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13152146	NEAT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20112159	PTPRQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19475575	0.143142	0.373051	-2.6806	0.00914238	0.125592	-7.96232	0.266566	0.484144	-2.0655	0.0311644	0.204992	-4.87825	3.36967	20.9564	5.52811	1
cg24016627	0.144143	0.241697	-4.13741	?	?	?	0.801831	0.798386	-1.25253	0.46396	0.512229	-1.95225	3.70361	40.8926	9.66111	1
cg13016314	0.975879	0.991221	-1.00886	0.0131307	0.407812	-2.45211	0.0204571	2.25817	2.25817	0.422091	0.787293	-1.27018	3.3696	4.53886	1.19734	1
cg23310237	0.0392978	0.446622	-2.23903	0.942268	0.975816	-1.02478	0.941505	1.02512	1.02512	0.467561	0.778914	-1.28384	3.36958	6.09726	1.60844	1
cg22356083	0.0332143	0.320119	-3.12384	0.0230951	0.288491	-3.46631	0.0155888	0.257429	-3.88456	0.302484	0.613381	-1.63031	3.36957	11.1739	2.94767	1
cg20327686	0.0128973	0.591082	-1.69181	0.982922	1.00365	1.00365	0.749461	1.05609	1.05609	0.921467	0.983345	-1.01694	3.36953	1.54806	0.408382	1
cg14685356	0.155498	0.488184	-2.04841	0.932663	0.960913	-1.04068	0.477376	1.40613	1.40613	0.0659715	0.377864	-2.64646	3.36947	11.8787	3.13369	1
cg19476788	0.309268	0.746356	-1.33984	0.0040658	2.92216	2.92216	0.0332081	1.99798	1.99798	0.848457	1.05463	1.05463	3.36945	4.12511	1.08824	1
cg07761273	0.746063	0.947485	-1.05543	0.368133	1.16587	1.16587	0.940713	0.987727	-1.01243	0.305748	0.838571	-1.1925	3.36944	1.47083	0.388018	1
cg03865944	0.570506	1.18152	1.18152	0.00940903	2.60586	2.60586	0.123983	0.615908	-1.62362	0.260237	0.710596	-1.40727	3.36943	4.51692	1.19161	1
cg25526717	?	?	?	0.00177454	0.280449	-3.56571	0.195127	0.689032	-1.45131	0.233092	0.71221	-1.40408	3.7034	3.70614	0.875648	1
cg14501253	0.795187	0.973475	-1.02725	0.00842446	0.706298	-1.41583	0.115097	1.1937	1.1937	0.497178	1.07383	1.07383	3.36942	0.569922	0.150352	1
cg17354052	0.00170584	0.585208	-1.70879	0.971452	1.00429	1.00429	0.846711	1.02342	1.02342	0.699734	1.04744	1.04744	3.36938	0.763341	0.20138	1
cg12034871	0.7523	1.26139	1.26139	0.934053	0.941108	-1.06258	0.676573	0.735152	-1.36026	0.408057	1.86012	1.86012	3.36937	28.7043	7.57262	1
cg02600411	0.212963	1.53359	1.53359	0.112335	1.75695	1.75695	0.21613	0.654187	-1.52861	0.282101	0.694609	-1.43966	3.36935	5.67165	1.49627	1
cg23009067	0.860521	0.918523	-1.0887	0.0467791	0.332864	-3.00423	0.0209342	0.26115	-3.82921	0.759294	0.86199	-1.16011	3.36931	12.4605	3.28733	1
cg02504541	0.371559	0.863611	-1.15793	0.114296	0.759929	-1.31591	0.248492	0.824645	-1.21264	0.822929	0.964813	-1.03647	3.3693	1.36306	0.359602	1
cg15928742	0.480898	0.814722	-1.22741	0.012932	0.413785	-2.41671	0.827543	1.06439	1.06439	0.722582	0.903079	-1.10732	3.36929	4.36458	1.15147	1
cg10365743	0.890142	1.03232	1.03232	0.571928	1.1405	1.1405	0.345283	1.25075	1.25075	0.104282	0.664468	-1.50496	3.36923	2.82725	0.745902	1
cg14328415	0.0912364	0.393987	-2.53815	0.060075	0.34573	-2.89243	0.0905525	0.393056	-2.54417	0.868316	0.920267	-1.08664	3.3692	13.3799	3.53	1
cg05854207	0.127518	0.543021	-1.84155	0.0653059	0.46455	-2.15262	0.815566	0.917064	-1.09044	0.0862521	0.495438	-2.01842	3.36919	7.32645	1.93292	1
cg26560871	0.0557032	0.562019	-1.7793	0.00797725	0.405003	-2.46912	0.0218279	0.481193	-2.07817	0.318671	0.76039	-1.31512	3.36918	3.76947	0.994498	1
cg21611230	0.858444	1.03931	1.03931	0.306806	1.25667	1.25667	0.0509026	1.61649	1.61649	0.239151	1.305	1.305	3.36918	2.48837	0.656507	1
cg19197744	0.0300174	0.258137	-3.87391	0.0832071	0.361463	-2.76653	0.00549055	0.14412	-6.93868	0.605041	0.758201	-1.31891	3.36914	15.0215	3.96316	1
cg01480550	0.160557	0.597513	-1.6736	0.474475	0.778887	-1.28388	0.0230546	2.54389	2.54389	0.598917	0.83332	-1.20002	3.36914	6.29801	1.66162	1
cg05886367	0.0476357	0.190746	-5.24258	0.00701578	0.078094	-12.8051	0.0289445	0.152046	-6.57698	0.0672904	0.223177	-4.48074	3.36914	28.5476	7.53179	1
cg25626999	0.837928	1.05981	1.05981	0.00750642	0.376843	-2.65363	0.271496	0.722773	-1.38356	0.0345216	0.496993	-2.0121	3.36913	4.29203	1.13238	1
cg02211519	0.13611	1.85076	1.85076	0.925164	0.964629	-1.03667	0.0141131	3.19352	3.19352	0.443872	1.3488	1.3488	3.36912	7.83968	2.06837	1
cg00652027	0.426516	1.39514	1.39514	0.021383	0.321723	-3.10827	0.43187	1.38957	1.38957	0.874104	1.06719	1.06719	3.36912	8.97529	2.36799	1
cg10107786	0.0030144	0.484833	-2.06257	0.460532	0.874804	-1.14311	0.255901	1.23508	1.23508	0.234738	0.801133	-1.24823	3.3691	1.6911	0.446172	1
cg25731807	0.823429	0.901386	-1.1094	0.523799	1.35004	1.35004	0.00369119	6.19015	6.19015	0.0198897	3.69063	3.69063	3.36909	11.5155	3.03821	1
cg06745797	0.482055	0.72961	-1.3706	0.0532848	0.37959	-2.63442	0.80863	0.898478	-1.11299	0.465333	0.720494	-1.38794	3.36908	10.3864	2.74031	1
cg09322616	0.189607	0.493799	-2.02512	0.524085	1.38801	1.38801	0.300338	1.7247	1.7247	0.594108	1.31411	1.31411	3.36903	13.7616	3.63088	1
cg08843517	0.0283525	15.1193	15.1193	0.0114784	27.6257	27.6257	0.017833	20.5387	20.5387	0.034027	13.417	13.417	3.36897	58.7607	15.5038	1
cg06641021	0.296101	1.32353	1.32353	0.0296875	0.515729	-1.939	0.906364	1.03091	1.03091	0.0485045	0.558135	-1.79168	3.36896	3.57176	0.942396	1
cg27657537	0.253149	0.621352	-1.60939	0.0652264	0.438118	-2.28249	0.806612	1.10273	1.10273	0.0854784	0.468626	-2.1339	3.36893	8.48192	2.23795	1
cg04828284	0.640855	1.10377	1.10377	0.0390538	0.605361	-1.65191	0.724806	1.0771	1.0771	0.130022	1.41011	1.41011	3.36891	2.35619	0.621684	1
cg00707130	0.709617	0.819624	-1.22007	0.215688	0.500106	-1.99958	0.0679094	0.337107	-2.96642	0.899687	1.06936	1.06936	3.36889	15.0883	3.98107	1
cg08984038	0.03441	0.423936	-2.35885	0.240189	1.53378	1.53378	0.885555	0.951141	-1.05137	0.324705	0.702058	-1.42438	3.36889	6.45495	1.70315	1
cg13733923	0.229326	0.506466	-1.97447	0.00714347	0.153574	-6.51151	0.277496	0.543852	-1.83874	0.157218	0.442286	-2.26098	3.36884	15.5184	4.09462	1
cg12209487	0.228838	1.25474	1.25474	0.210533	1.26754	1.26754	0.655167	1.08412	1.08412	0.030401	0.633043	-1.57967	3.36884	1.72271	0.454548	1
cg16560711	0.448465	0.924005	-1.08225	0.438827	1.08415	1.08415	0.757262	1.03223	1.03223	0.00462777	1.47034	1.47034	3.36883	0.558576	0.147384	1
cg26119331	0.170146	0.491453	-2.03478	0.467634	0.698123	-1.43241	0.883391	1.07397	1.07397	0.529387	1.36317	1.36317	3.36883	12.6145	3.32842	1
cg21565575	0.88356	1.05374	1.05374	0.0209216	0.370629	-2.69812	0.146208	0.57285	-1.74566	0.0169908	0.353583	-2.82819	3.3688	6.80658	1.79598	1
cg05757016	0.353499	1.12228	1.12228	0.766139	0.964598	-1.0367	0.898702	1.01551	1.01551	0.348736	0.889964	-1.12364	3.36878	0.779113	0.205577	1
cg01922580	0.0543729	1.48736	1.48736	0.0186913	1.67923	1.67923	0.799377	1.0474	1.0474	0.949239	1.01165	1.01165	3.36877	1.7646	0.465609	1
cg00953480	0.702316	0.809483	-1.23536	0.900919	0.933742	-1.07096	0.00183115	11.436	11.436	0.208612	2.07423	2.07423	3.36873	16.163	4.26484	1
cg12884406	0.722665	0.933184	-1.0716	0.308149	0.81489	-1.22716	0.869445	1.03244	1.03244	0.0811549	1.45531	1.45531	3.36872	2.00922	0.530163	1
cg10965738	0.833764	0.902061	-1.10857	0.0220987	3.84187	3.84187	0.160458	2.08622	2.08622	0.378481	1.5576	1.5576	3.36871	12.8329	3.38617	1
cg04319429	0.169065	1.31478	1.31478	0.0113113	1.80846	1.80846	0.754513	0.943093	-1.06034	0.695934	0.929265	-1.07612	3.36865	1.86137	0.491162	1
cg22868319	0.0632944	0.653317	-1.53065	0.0644337	0.654797	-1.52719	0.685355	0.92033	-1.08657	0.605029	1.1122	1.1122	3.36862	2.21636	0.584839	1
cg21678396	0.268523	0.670696	-1.49099	0.12542	1.77684	1.77684	0.319421	1.4285	1.4285	0.181972	0.611996	-1.634	3.36862	6.40925	1.69123	1
cg04580179	0.0491731	6.072	6.072	0.00678474	16.7472	16.7472	0.0342357	7.27502	7.27502	0.0378836	6.916	6.916	3.36859	34.4248	9.08386	1
cg07497911	0.636979	1.09776	1.09776	0.5823	1.11516	1.11516	0.850401	1.03774	1.03774	0.0177261	1.76094	1.76094	3.36856	2.05403	0.542013	1
cg12850810	0.104365	1.16891	1.16891	0.0453264	0.817227	-1.22365	0.124221	1.15759	1.15759	0.0436176	1.22622	1.22622	3.36854	0.412287	0.108794	1
cg21606490	0.96812	0.97291	-1.02784	0.00607516	0.0852736	-11.727	0.347336	1.94442	1.94442	0.225026	0.416572	-2.40055	3.36849	25.193	6.64802	1
cg06219577	0.447716	1.16488	1.16488	0.115886	0.713863	-1.40083	0.763697	1.06127	1.06127	0.198723	1.30718	1.30718	3.36836	2.07535	0.547672	1
cg13093389	0.311744	0.743517	-1.34496	0.0364052	0.502184	-1.9913	0.0834291	1.72059	1.72059	0.279016	0.727062	-1.3754	3.36832	4.2784	1.12906	1
cg14397799	0.703711	0.795257	-1.25746	0.132136	0.377453	-2.64934	0.641536	0.754951	-1.32459	0.0736477	0.302518	-3.30559	3.36832	19.176	5.0605	1
cg25381775	0.00579135	0.484245	-2.06507	0.164416	0.742604	-1.34661	0.106844	0.702459	-1.42357	0.36407	1.20576	1.20576	3.36831	2.14685	0.566549	1
cg13235288	0.722881	0.893998	-1.11857	0.0603646	1.94751	1.94751	0.94764	1.02088	1.02088	0.177081	0.636672	-1.57067	3.3683	5.28328	1.39425	1
cg22959932	0.302567	0.731714	-1.36665	0.335723	0.748007	-1.33689	0.0578733	0.534104	-1.87229	0.0895093	0.578354	-1.72905	3.36824	4.56366	1.20437	1
cg27526665	0.748501	0.830255	-1.20445	0.475467	1.52142	1.52142	0.00732292	7.38482	7.38482	0.084304	3.01725	3.01725	3.36824	17.8394	4.70787	1
cg07067904	0.0425967	0.657327	-1.52131	0.142162	1.3279	1.3279	0.176616	0.772473	-1.29454	0.57255	1.10792	1.10792	3.3682	1.72304	0.454722	1
cg12420948	0.297344	1.20894	1.20894	0.00298637	0.489019	-2.04491	0.819633	1.04093	1.04093	0.0772033	1.41207	1.41207	3.36817	1.64535	0.434222	1
cg20506347	0.813639	1.10957	1.10957	0.0366322	0.343294	-2.91295	0.236401	1.72676	1.72676	0.502996	0.741352	-1.34889	3.36816	10.341	2.72908	1
cg25567805	0.0561204	0.182904	-5.46734	0.0054459	0.0566261	-17.6597	0.734627	0.76554	-1.30627	0.0831434	0.221702	-4.51057	3.36816	32.8937	8.68097	1
cg10322510	0.191998	0.809226	-1.23575	0.00727975	1.69983	1.69983	0.568117	0.915369	-1.09246	0.439823	1.12834	1.12834	3.36813	1.25308	0.330704	1
cg15613012	0.415327	1.1716	1.1716	0.583893	1.11095	1.11095	0.72647	1.06909	1.06909	0.0620894	0.670619	-1.49116	3.36812	1.93009	0.509374	1
cg19161124	0.608263	1.09132	1.09132	0.00651755	0.550147	-1.8177	0.577493	0.909265	-1.09979	0.134242	1.31385	1.31385	3.36805	1.52402	0.402217	1
cg11856822	0.0511044	0.645244	-1.5498	0.00237656	0.433623	-2.30615	0.581444	1.11607	1.11607	0.744302	0.937492	-1.06668	3.368	2.07479	0.547582	1
cg08951891	0.455199	0.818726	-1.22141	0.437314	1.23164	1.23164	0.00203773	0.31871	-3.13765	0.269221	0.738926	-1.35332	3.36794	3.6881	0.973388	1
cg19711075	0.671403	0.940365	-1.06342	0.0113461	1.57898	1.57898	0.422176	0.888569	-1.12541	0.0695557	1.33976	1.33976	3.36794	1.10754	0.292308	1
cg13252206	0.270536	0.574094	-1.74187	0.453817	0.691342	-1.44646	0.0538135	2.88385	2.88385	0.577651	1.31273	1.31273	3.36793	12.4823	3.29442	1
cg22376389	0.721134	0.872481	-1.14616	0.276783	0.650165	-1.53807	0.951972	1.02319	1.02319	0.0349294	0.392389	-2.54849	3.36792	7.72676	2.03931	1
cg10266394	0.438726	0.90856	-1.10064	0.00433523	1.58867	1.58867	0.0762227	1.27064	1.27064	0.99826	0.999735	-1.00026	3.36788	0.786318	0.207534	1
cg21783004	0.0568695	0.374211	-2.67229	0.285764	0.603115	-1.65806	0.325342	0.629263	-1.58916	0.203529	0.542191	-1.84437	3.36777	11.0955	2.92855	1
cg14710025	0.164664	0.629423	-1.58876	0.00814078	0.347218	-2.88004	0.359666	0.745196	-1.34193	0.0324852	0.45763	-2.18517	3.36771	5.20154	1.37292	1
cg07511564	0.728943	0.770949	-1.2971	0.833311	0.854199	-1.17069	0.00935833	11.7555	11.7555	0.056868	5.01052	5.01052	3.3677	29.8238	7.87186	1
cg03607708	0.056426	0.196271	-5.095	0.00755926	0.0749848	-13.336	0.61701	0.683807	-1.4624	0.0377798	0.16266	-6.14779	3.36769	30.3093	8.00002	1
cg19746186	0.123625	0.392387	-2.5485	0.197854	0.466038	-2.14575	0.139554	0.409888	-2.43969	0.0162406	0.19226	-5.20129	3.36766	16.7831	4.42988	1
cg18305444	0.605689	1.09302	1.09302	0.870355	1.02829	1.02829	0.335859	0.84409	-1.18471	0.837776	1.03564	1.03564	3.36764	1.55594	0.410691	1
cg22148663	0.176772	0.628505	-1.59108	0.0156084	0.383299	-2.60893	0.16102	1.62291	1.62291	0.286481	0.699069	-1.43047	3.36762	5.57964	1.47276	1
cg23547764	0.159325	0.662461	-1.50952	0.0044647	0.354053	-2.82444	0.917849	0.972147	-1.02865	0.702493	0.900257	-1.11079	3.36762	3.99834	1.05537	1
cg00571021	0.200773	1.76633	1.76633	0.00975235	3.95949	3.95949	0.802706	1.11115	1.11115	0.429083	1.40475	1.40475	3.3676	9.45395	2.4954	1
cg16574155	0.117639	1.91645	1.91645	0.837905	0.924588	-1.08156	0.0122564	3.30112	3.30112	0.825338	1.08828	1.08828	3.36758	7.81435	2.06263	1
cg15960928	0.0593089	0.686974	-1.45566	0.0452217	0.66687	-1.49954	0.00648361	0.535752	-1.86653	0.141653	0.756774	-1.3214	3.36757	1.65874	0.437833	1
cg24592527	0.924467	0.943265	-1.06015	0.128312	0.363297	-2.75257	0.729079	0.807221	-1.23882	0.856371	1.11806	1.11806	3.36757	20.2339	5.34086	1
cg25107972	0.421572	0.771273	-1.29656	0.0296941	0.445056	-2.24691	0.429896	0.775002	-1.29032	0.0215109	0.41748	-2.39533	3.36755	5.337	1.40874	1
cg00293409	0.963655	0.987455	-1.0127	0.919274	1.02849	1.02849	0.48824	0.822759	-1.21542	0.405326	1.26603	1.26603	3.36754	4.09403	1.08065	1
cg09668344	0.657754	0.833601	-1.19962	0.0263759	0.341324	-2.92977	0.229415	0.597613	-1.67332	0.229986	0.598027	-1.67217	3.36752	8.88709	2.34583	1
cg01747664	0.723101	0.890046	-1.12354	0.170464	0.620051	-1.61277	0.460556	0.781933	-1.27888	0.736331	1.117	1.117	3.36752	5.71756	1.50921	1
cg04101015	0.290717	1.52992	1.52992	0.013096	3.29829	3.29829	0.356355	1.4447	1.4447	0.73435	0.876262	-1.14121	3.36752	8.02112	2.11725	1
cg26688816	0.378582	1.21357	1.21357	0.00514922	2.207	2.207	0.485688	0.859165	-1.16392	0.212325	0.754666	-1.32509	3.36746	2.44861	0.646345	1
cg07577957	0.491922	1.16581	1.16581	0.651273	0.904832	-1.10518	0.558699	0.878118	-1.1388	0.063059	0.63157	-1.58336	3.36743	2.57627	0.680048	1
cg06952397	0.117382	0.57206	-1.74807	0.442861	1.29296	1.29296	0.0991764	1.81046	1.81046	0.0342004	2.25123	2.25123	3.3674	5.7513	1.51817	1
cg07297832	0.0359507	1.97567	1.97567	0.00452931	2.87341	2.87341	0.114024	1.6157	1.6157	0.774705	1.08338	1.08338	3.36739	4.15317	1.09631	1
cg11780934	0.549125	1.1267	1.1267	0.00269101	0.442094	-2.26196	0.676564	0.920752	-1.08607	0.119981	0.717506	-1.39372	3.36738	2.06567	0.545277	1
cg09040277	0.792846	0.940951	-1.06275	0.0171066	1.95837	1.95837	0.557577	0.871836	-1.14701	0.512047	0.857462	-1.16623	3.36732	2.85199	0.752856	1
cg08024029	0.0710082	3.43087	3.43087	0.00378052	10.8951	10.8951	0.0168347	5.94592	5.94592	0.0425668	4.16708	4.16708	3.36731	19.9242	5.25951	1
cg05374956	0.424603	1.29508	1.29508	0.54082	1.21692	1.21692	0.0155818	0.390442	-2.5612	0.679905	1.1406	1.1406	3.36726	5.36234	1.41555	1
cg12093005	0.522116	0.893876	-1.11872	0.00111172	2.29504	2.29504	0.95383	1.01006	1.01006	0.828899	1.03814	1.03814	3.36725	1.59475	0.420983	1
cg08200582	0.592237	0.828127	-1.20754	0.107716	0.542103	-1.84467	0.0323103	2.39724	2.39724	0.284567	1.47367	1.47367	3.36724	6.48889	1.71295	1
cg01362183	0.0844382	1.1808	1.1808	0.103596	0.856426	-1.16764	0.727648	1.03091	1.03091	0.374948	0.923772	-1.08252	3.36721	0.404303	0.106729	1
cg27422141	0.120294	0.640117	-1.56221	0.0367893	0.526164	-1.90055	0.030859	0.511131	-1.95645	0.35581	0.77768	-1.28588	3.36721	3.73734	0.986597	1
cg17547399	0.0680752	0.800069	-1.24989	0.603168	1.05893	1.05893	0.530217	0.93294	-1.07188	0.542893	1.06955	1.06955	3.3672	0.635563	0.167779	1
cg12699599	0.04351	0.427848	-2.33728	0.0445884	0.430234	-2.32432	0.0459522	0.433188	-2.30847	0.228118	0.629613	-1.58828	3.36719	7.13291	1.88298	1
cg15406666	0.612679	0.884785	-1.13022	0.00617929	0.424738	-2.35439	0.59478	1.13738	1.13738	0.997206	1.00084	1.00084	3.36717	3.0661	0.80941	1
cg06418131	0.651448	0.893854	-1.11875	0.248556	0.742585	-1.34665	0.434465	1.21747	1.21747	0.108982	0.649664	-1.53926	3.36708	3.24677	0.85713	1
cg22974228	0.245077	0.641819	-1.55807	0.0189885	0.354925	-2.8175	0.157797	1.73467	1.73467	0.999122	0.999599	-1.0004	3.36707	7.09326	1.87258	1
cg20325454	0.0028073	0.285082	-3.50776	0.136818	0.613533	-1.6299	0.221876	1.47898	1.47898	0.0492034	0.504433	-1.98242	3.36704	4.95467	1.30802	1
cg16626452	0.529469	0.752563	-1.32879	0.023194	3.35711	3.35711	0.196913	1.83819	1.83819	0.564581	0.771153	-1.29676	3.36704	10.6189	2.80335	1
cg23812948	0.0673687	0.145772	-6.86004	0.0143258	0.0586043	-17.0636	0.237668	0.312815	-3.19678	0.0579688	0.133516	-7.48975	3.367	47.0678	12.4259	1
cg01539630	0.621776	0.926909	-1.07886	0.00351959	0.546605	-1.82947	0.497968	0.900313	-1.11072	0.102211	1.31389	1.31389	3.36698	1.24232	0.327975	1
cg13426503	0.612946	0.942563	-1.06094	0.0516886	0.773536	-1.29276	0.297403	0.882262	-1.13345	0.0310324	1.34121	1.34121	3.36694	0.717024	0.189298	1
cg03946762	0.00826765	2.14229	2.14229	0.545085	0.870949	-1.14817	0.979194	1.0059	1.0059	0.0897359	1.525	1.525	3.3669	2.714	0.716518	1
cg16408784	0.216654	0.394199	-2.53679	0.00642499	0.0789957	-12.6589	0.0296022	0.159788	-6.25831	0.246801	0.420133	-2.3802	3.36689	27.3411	7.21832	1
cg19988346	0.0173677	0.449425	-2.22507	0.237235	0.710439	-1.40758	0.0149181	0.437557	-2.28542	0.18992	1.46714	1.46714	3.36687	4.06478	1.07314	1
cg08373023	0.657425	0.892525	-1.12042	0.00898104	2.33131	2.33131	0.0791684	1.64299	1.64299	0.908452	1.02974	1.02974	3.36687	3.46062	0.913641	1
cg08502703	0.522825	0.881087	-1.13496	0.023346	0.588765	-1.69847	0.391816	1.18709	1.18709	0.493474	1.14562	1.14562	3.36685	2.03765	0.537965	1
cg19993573	0.0305478	0.603045	-1.65825	0.0390583	1.60851	1.60851	0.447349	0.857173	-1.16663	0.614861	0.90397	-1.10623	3.36685	2.1117	0.557515	1
cg22927979	0.63452	0.80972	-1.23499	0.70829	1.18016	1.18016	0.00710443	0.215941	-4.63089	0.941034	1.03314	1.03314	3.36683	10.358	2.73465	1
cg05405594	0.335995	0.818635	-1.22155	0.0469928	0.632157	-1.58189	0.716716	1.07627	1.07627	0.876007	0.968994	-1.032	3.36674	2.16963	0.572829	1
cg12871376	0.0826561	1.7081	1.7081	0.028357	0.486329	-2.05622	0.0648389	0.561253	-1.78173	0.0503593	0.53723	-1.8614	3.36673	4.13709	1.09228	1
cg06535498	0.583626	0.808719	-1.23652	0.00782033	0.269979	-3.70399	0.0905544	0.489065	-2.04472	0.377314	0.706477	-1.41547	3.36672	7.84435	2.07108	1
cg04100337	0.233218	0.439563	-2.27499	0.0195089	0.15622	-6.40124	0.150343	0.362808	-2.75628	0.0610551	0.249523	-4.00764	3.36667	23.0588	6.08812	1
cg27319677	0.0158547	0.577246	-1.73236	0.0412561	1.54935	1.54935	0.56546	1.1141	1.1141	0.324897	1.2081	1.2081	3.36665	1.84393	0.48685	1
cg13069441	0.0595656	0.442159	-2.26163	0.0103091	0.289222	-3.45755	0.0155227	0.32006	-3.12441	0.0339365	0.386642	-2.58637	3.36663	7.85419	2.07374	1
cg25426776	0.221749	0.676731	-1.47769	0.00262137	0.281758	-3.54914	0.123527	0.602172	-1.66066	0.149576	0.625144	-1.59963	3.36662	4.92905	1.30142	1
cg19422460	0.398942	1.1018	1.1018	0.0450487	1.29456	1.29456	0.243213	1.14692	1.14692	0.999253	0.999895	-1.00011	3.36661	0.671905	0.177404	1
cg13152146	0.0325402	3.12335	3.12335	0.0375251	2.99971	2.99971	0.00887884	4.55304	4.55304	0.486809	1.37934	1.37934	3.36658	11.0472	2.91683	1
cg20112159	0.903571	1.03593	1.03593	0.0269448	2.14493	2.14493	0.010809	2.54083	2.54083	0.0694494	1.80671	1.80671	3.36657	4.52348	1.19435	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12682458	NTM;NTM;NTM;NTM	0.0508462	0.234541	0.777543	-1.2961	0.92548	0.980716	-1.01966	0.895432	0.973	-1.02775	0.128667	0.710489	-1.40748	0.45427	0.853287	0.17194	0.148155	1.38111	1.38111	0.40285366	0.2503	2.3503	0.414471	0.840806	-1.18962	0.382135	0.829805	-1.2051	1.36655	2.31	0.609023	1
cg20979061	SLC17A7	0.0508467	0.749695	1.11626	1.11626	0.2743	1.47827	0.481723	1.27854	1.27854	0.0556622	0.474681	-2.10668	0.673553	1.15673	1.15673		0.07789934	0.51007	-1.96052	0.00411868	0.266547	-3.75169	0.480648	1.27933	1.27933	0.474504	1.28392	1.28392	1.366554	6.29543	1.66222	1
cg24423782	MIR182	0.0508484	0.180952	0.71963	-1.3896	0.634683	1.11725	1.11725	0.825952	0.950266	-1.05234	0.0909526	0.649652	-1.53929	0.847995	0.956524	-1.04545	0.00517386	2.35146	2.35146	0.0332939	1.77938	1.77938	0.910106	1.02651	1.02651	0.56641	0.874375	-1.14367	3.9665	2.86075	0.755353	1
cg05284513	ATAD2;ATAD2C	0.0508915	0.304598	-3.28310	0.2031101	0.209354	-4.77229	0.032977	0.24908	-4.01478	0.886772	0.18265	1.08265	0.561251	1.3874	1.3874		0.734979	1.2085	1.2085	0.1093171	0.208905	-4.78685	0.140409	0.413162	-2.42018	0.0391873	0.264442	-3.78155	3.66469	16.5643	4.37365	1
cg17255450	EVC2;EVC2	0.0508489	0.395622	0.533914	-1.87296	0.0528458	1.84156	1.41856	0.561674	1.54402	0.54402	0.81076	1.1889	1.1889	0.313173	0.471196	2.12226	0.25416	0.423626	-2.36057	0.0928204	0.37591	2.70941	0.284151	0.46136	0.614538	0.844089	-1.18471	1.36648	27.7413	7.32485	1
cg03449966	PDE10A;PDE10A	0.0508489	0.0397698	0.680034	-1.47051	0.0117664	1.66593	1.66593	0.102234	1.33656	1.33656	0.391815	0.86735	-1.15294	0.479619	0.889967	-1.12364	0.506708	1.11547	1.11547	0.392827	1.15257	1.15257	0.141999	1.29186	1.29186	0.0755402	1.37838	1.37838	1.36648	1.40291	0.370425	1
cg22804770	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.050849	0.0286416	0.477461	-2.09441	0.188197	0.670802	-1.49075	0.00406125	0.331336	-3.01809	0.20149	0.679603	-1.47145	0.0325289	0.488446	-2.04731	0.0409345	0.508863	-1.96517	0.0558017	0.537686	-1.85982	0.560407	0.844859	-1.18363	0.440375	0.798266	-1.25271	1.36648	4.37174	1.15432	1
cg08924566	LGR6;LGR6;LGR6	0.0508541	0.61992	0.832067	-1.20183	0.00627692	0.270021	-3.70341	0.00779202	0.284735	-3.51204	0.7269559	1.13758	1.13758	0.627422	0.834202	-1.19875	0.199928	0.078	-1.64828	0.025432	0.376558	-2.65753	0.611775	0.837325	-1.19428	0.279999	0.661694	-1.51127	1.36635	7.20877	1.90348	1
cg27537563	CD3A3	0.0508546	0.805275	1.16516	1.16516	0.0408419	4.59351	4.59351	0.0462051	2.5379	2.5379	0.925158	0.962348	-1.03912	0.39775	1.53917	1.53917	0.3448516	1.48802	1.48802	0.050006	1.37431	1.37431	0.142148	1.90517	1.90517	0.6910808	0.8503183	-1.17994	1.36634	8.89516	2.34878	1
cg24237843	ACO1	0.0508552	0.274461	0.732166	-1.36581	0.0949997	1.65366	1.65366	0.744084	0.9541109	-1.09396	0.763898	1.08609	1.08609	0.289049	1.35219	1.35219	0.0790176	0.585861	-1.70689	0.00539513	0.366337	-2.72973	0.208539	1.43832	1.43832	0.4057117	1.26265	1.26265	1.36632	4.00734	1.05815	1
cg14044874	GRIP2	0.0508569	0.159491	0.62598	-1.5975	0.850544	0.942917	-1.06054	0.0645923	0.955669	1.95669	0.762281	1.09914	1.09914	0.940772	0.977112	-1.02342	0.00269254	0.274664	-3.64082	0.4957	1.24054	0.240354	0.373697	0.613192	-1.63092	0.524665	0.817925	-1.22365	1.36628	5.17657	1.36691	1
cg16097955	CDYL;CDYL;CDYL;CDYL	0.0508577	0.534204	0.844678	-1.18388	0.11581	0.628598	-1.59054	0.0506558	0.955658	2.40145	0.419103	0.850452	-1.24739	0.0100302	0.418183	2.3915	0.9593443	0.986424	-1.01376	0.373194	1.27777	1.27777	0.706442	1.10078	1.10078	0.483557	0.826206	-1.21055	1.36626	3.83104	1.01215	1
cg07832061	TMEM134;TMEM134;TMEM134	0.0508582	0.831719	0.944649	-1.05859	0.47913	1.2123	1.2123	0.388188	1.267	1.267	0.0014217	0.290762	-3.43924	0.846088	0.949327	-1.05338	0.3478426	1.29519	1.29519	0.318313	1.31785	1.31785	0.77218	1.08078	1.08078	0.371492	1.27831	1.27831	1.36625	3.8174	1.00802	1
cg04347120	DNAH6	0.0508607	0.819612	0.786183	-1.27197	0.0969712	0.0216751	-46.1401	0.511317	0.495513	-2.01967	0.0105819	0.0298081	-33.548	7	0.755884	1.32479	0.489428	0.47659	-2.09824	0.144005	0.188853	-5.29512	0.0286853	0.0634479	-16.2741	0.923747	0.904108	-1.10606	3.69953	56.524	13.3689	1
cg14721215	FMO2	0.0508615	0.00914146	0.188709	-6.46740	0.0475706	0.230984	-4.32931	0.0464969	0.229601	-4.35538	0.4121113	0.582127	-1.71784	0.00956075	0.120361	-8.30835	0.148564	0.367979	-2.71755	0.0666662	0.265342	-3.76872	0.156263	0.375856	-2.6606	0.0634913	0.2602	-3.8432	3.36616	22.1934	5.86052	1
cg08909316	SYT17	0.0508615	0.0177806	1.86885	1.86885	0.00587505	2.54915	2.54915	0.138351	1.51306	1.51306	0.163925	0.680072	-1.47043	0.306817	0.759871	-1.31601	0.600518	1.147	1.147	0.647625	0.88741	-1.12687	0.282562	0.74839	-1.3362	0.527707	1.18066	1.18066	1.36616	3.59182	0.948478	1
cg19320768	PRDM12	0.0508633	0.066079	0.816095	-1.22535	0.289982	0.897401	-1.11433	0.276311	0.894387	-1.11808	0.00682766	1.41256	1.41256	0.13125	0.851628	-1.17422	0.551713	1.06115	1.06115	0.219919	0.888607	-1.13558	0.93788	1.09725	1.09725	0.311485	1.10872	1.10872	1.36612	0.5179959	0.136777	1
cg23551859	DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.050864	0.874571	0.962645	-1.0388	0.300026	1.29541	1.29541	0.0848555	0.63176	-1.58288	0.263879	0.755274	-1.32402	0.459849	0.834139	-1.19884	0.81281	1.05884	1.05884	0.0949352	0.642585	-1.55621	0.0415557	1.76179	1.76179	0.00781399	0.439171	-2.27702	1.3661	3.09633	0.817649	1
cg41406388	DNAH17	0.0508651	0.933159	1.02362	1.02362	0.720191	0.904792	-1.10523	0.0544476	1.8357	1.8357	0.026077	0.481194	-2.07817	0.0583109	0.366088	-2.73159	0.262988	0.72267	-1.38382	0.44508	1.24197	0.24197	0.936767	1.02233	1.02233	0.999695	1.00011	1.36607	4.13084	1.09084	1
cg20555744	MANX11	0.0508693	0.269324	0.403407	-2.47923	0.550168	0.647794	-1.54818	0.511731	0.680024	1.63021	0.363697	0.707122	-1.41396	0.0238222	0.306497	-3.26164	0.2215641	0.580294	-1.72307	0.0140425	0.0364144	-18.4794	0.0153238	0.112622	-8.87923	0.143565	0.315686	1.36607	26.8929	7.57712	1
cg12012383	EPHA10;EPHA10	0.0508677	0.105909	0.467431	-2.13935	0.226242	0.578585	-1.72836	0.331255	1.53985	1.53985	0.72674	1.16309	1.16309	0.00818705	0.232926	4.2932	0.557459	1.29108	1.29108	0.0106996	0.251208	-3.98076	0.738163	0.86548	-1.15543	0.125669	0.489859	-2.0414	1.36601	9.88557	2.61056	1
cg15096530	SYT7	0.0508693	0.945319	1.50745	1.50745	0.0235051	3.13606	3.13606	0.0276569	1.50526	1.50526	0.375544	1.46843	1.46843	0.691536	1.04973	1.04973	0.4442141	1.38765	1.38765	0.0284956	1.335548	-2.98222	0.192986	1.39381	1.39381	0.204045	1.50545	1.50545	1.36597	9.51367	2.51238	1
cg05992726	PDZRN4;PDZRN4	0.0508697	0.129522	0.742667	-1.3465	0.531329	1.12207	1.12207	0.210283	1.27099	1.27099	0.361054	0.843204	-1.18595	0.866959	1.03092	1.03092	0.0135303	0.573983	-1.74221	0.0294449	0.559331	1.55931	0.356037	1.1882	1.1882	1.000558	1.72127	-1.38644	1.36596	3.75887	0.464486	1
cg06966617	MOBKL1B	0.0508698	0.761005	0.86361	-1.15793	0.218706	0.534527	-1.87081	0.238522	1.81731	1.81731	0.085293	0.395177	-2.53051	0.0166497	0.234501	-4.26437	0.2502291	1.788	1.788	0.119784	0.43988	-2.27335	0.00975482	0.195746	-5.10865	0.936389	1.0391	1.0391	3.65081	13.0656	2.78352	1
cg16002136	METRNL	0.0508698	0.0533076	0.7	-1.42857	0.0822147	0.659315	-1.51673	0.0118868	0.506736	-1.96178	0.534078	0.872675	-1.14595	0.467997	0.844834	-1.18403	0.0284017	0.7862	-1.27206	0.0514251	0.38668	-2.58607	0.460959	0.61625	-1.62165	0.460959	0.61625	-1.62165	1.36592	-4.24635	0.0	1
cg14549078	FBN1	0.05087	0.788879	0.927214	-1.0785	0.584543	0.547698	-1.82587	0.0985889	-1.01431	0.457083	1.28455	0.988	-1.01431	0.457083	1.28455	0.988	0.00243301	0.304763	-3.28124	0.50838	0.827849	-1.20795	0.175526	1.50023	1.50023	0.125551	0.626996	-1.59491	1.36595	4.22679	1.11622	1
cg13210728	SLC25A32;DCAF13;SLC25A32	0.0508713	7	7	1	1	7	7	0.0288712	1.49568	1.49568	0.0758587	1.72537	0.0790542	1.49568	1.49568	0.0758587	1.72537	0.0790542	0.0254085	1.39556	1.39556	0.0201453	1.72537	0.0790542	0.0254085	1.39556	1.39556	0.0201453	1.72537	0.0790542	1.36593	0.0	0.0	1
cg14988214	KIDINS220	0.0508714	0.108286	0.673369	-1.48507	0.544017	0.870559	-1.14869	0.0153944	1.9566	1.9566	0.855227	1.04209	1.04209	0.147826	1.41975	1.41975	0.0556848	1.63134	1.63134	0.45149	0.844005	-1.18905	0.0359097	1.73485	1.73485	0.104339	1.49297	1.49297	1.36591	2.71605	0.71727	1
cg02211869	ZNF449	0.0508728	0.486511	1.3291	1.3291	0.384211	0.698367	-1.49191	0.453719	0.755574	-1.35948	0.0239476	0.338253	-2.95637	0.0307024	0.207416	-4.82124	0.23286	1.65429	1.65429	0.602128	0.2606	1.19361	0.726623	1.1517	1.1517	0.458932	1.35451	1.35451	1.36588	8.63111	2.27937	1
cg20554264	PTPN12;PTPN12;PTPN12	0.0508728	0.609275	0.818787	-1.22139	0.502505	0.724155	1.50415	0.0288712	1.49568	1.49568	0.0758587	1.72537	0.0790542	1.49568	1.49568	0.0758587	1.72537	0.0790542	0.121205	1.60222	1.60222	0.625025	0.0505051	-1.07885	0.150912	0.782843	-1.27812	1.34858	1.80013	0.34364	1
cg06804311	RNF222	0.0508751	0.046918	0.149412	-6.69292	0.0150686	0.0823528	-12.1429	0.0887638	0.208238	-4.80219	0.0942797	0.214939	-4.65248	0.0145217	0.0807405	-12.3854	0.0168882	0.0875128	-11.4269	0.724042	0.743583	-1.34484	0.0557321	0.163376	-6.12086	0.209189	0.330772	-3.02323	1.36582	37.2371	9.83404	1
cg16822216	RNF220	0.0508758	0.527993	0.853438	-1.17189	0.556706	1.14153	1.14153	0.803651	1.06378	1.06378	0.860264	1.06378	1.06378	0.860264	1.06378	1.06378	0.134536	1.07358	1.07358	0.869626	1.03013	-3.19562	0.0012506	0.132928	-7.52282	0.0388552	0.27829	-3.59312	1.36561	0.353858	0.789049	-1.26687	0.383682	2.72527	0.864962	1
cg01080353	CCDC85A;CCDC85A	0.0508756	0.244004	-3.56185	1.56185	0.533395	0.79994	-1.25954	0.271033	0.65759	-1.5207	0.878257	1.05767	1.05767	0.118918	1.85725	1.85725	0.0607452	-2.1669	-2.1669	0.0060582	0.269585	-3.70934	0.844993	1.07423	1.07423	0.155713	1.54302	1.74302	1.36581	1.73272	1.38371	1
cg25210796	CACHD1	0.0508769	0.0142052	0.167541	-5.96869	0.0309248	0.223931	-4.46566	0.0789655	0.316006	-3.1645	0.113423	0.361564	-2.76576	0.0324166	0.227851	-4.38884	0.100041	0.344983	2.8987	0.0112092	0.153086	-6.53228	0.0948789	0.338246	-2.95643	0.0946026	0.337879	-2.95964	1.36578	18.592	4.91008	1
cg06776489	VPRBP	0.0508781	0.0122863	0.153442	-6.83092	0.0256207	0.182482	-5.48469	0.0605218	0.252285	-3.96628	0.0875208	0.337047	-2.96552	0.0412042	0.178202	-5.61129	0.108556	0.557061	-1.79514	0.254795	0.672493	-1.487	0.0319096	0.432395	-2.3127	0.471465	0.783151	-1.27689	1.36573	7.39058	1.5576	1
cg18726691	RHCG	0.0508783	0.0425774	0.39055	0.39055	0259509	0.6272	0.6272	0.0579864	0.6206	0.6206	0.107469	0.50417	0.50417	0.33138	0.35086	0.35086	0.0231562	0.21355	0.21355	0.0391782	0.72522	0.716362	12.3556	0.0388553	0.75935	0.75935	1.36574	39.1205	10.3317	1
cg18647881	TRAC01	0.0508793	0.0407509	0.245564	-4.07495	0.0464446	0.275576	0.0288712	1.49568	1.49568	0.0758587	1.72537	0.0790542	1.49568	1.49568	0.0758587	1.72537	0.0790542	0.0353254	1.39475	1.39475	0.0174675	1.72537	0.0790542	0.0254085	1.39556	1.39556	0.0201453	1.72537	0.0790542	1.36579	1.73272	1.38371	1
cg09918082	MSX1	0.050882	0.614519	0.919318	-1.08776	0.0103248	1.70792	1.70792	0.0456031	0.684058	-1.46186	0.467795	0.88481	-1.13019	0.705351	1.06495	1.06495	0.8335119	0.965734	-1.03548	0.813657	0.96164	-1.03989	0.897158	1.02165	1.02165	0.0137214	1.65665	1.65665	1.36572	0.4629672	0.386314	1
cg25196296	FAM65A	0.0508834	0.0472167	0.480783	-2.07994	0.096595	0.555242	-1.80102	0.0278226	0.432345	-2.31297	0.532442	0.85161	-1.17426	0.0395284	0.286433	-3.49121	0.176966	0.629476	-1.58862	0.107189	0.567016	1.76311	0.277915	0.513617	-1.88105	0.0451121	0.476412	-2.09902	1.36561	5.54488	1.46445	1
cg13572337	CARD9;CARD9	0.0508836	0.155204	0.647047	-1.54626	0.0423106	1.74157	1.74157	0.0134942	0.807007	1.23966	0.0267003	0.578	-1.73035	0.0134942	0.807007	1.23966	0.0052837	0.294792	-3.39222	0.0307647	0.318882	3.13595	0.0232388	0.960822	-1.04144	0.412763	0.757404	1.33583	1.54642	1
cg14173185	KDELR1	0.0508836	0.144449	0.633991	-1.57731	0.29903	1.36739	1.36739	0.689773	1.12371	1.12371	0.45771	1.24588	1.24588	0.722209	0.901403	-1.10934	0.461829	1.24329	1.24329	0.0149247	0.418871	-2.38737	0.00615159	0.353807	-2.8264	0.274882	0.718748	-1.39131	1.36561	4.50451	1.18968	1
cg15588258	ST6GALNAC1	0.0508844	0.0217327	0.551119	-1.81477	0.0821247	0.659315	-1.51673	0.0118868	0.506736	-1.96178	0.534078	0.872675	-1.14595	0.467997	0.844834	-1.18403	0.2815534	0.785017	1.27386	0.0514251	0.38668	-2.58607	0.460959	0.61625	-1.62165	0.460959	0.61625	-1.62165	1.36556	1.49311	0.658458	1
cg22423979	SPRY1	0.050885	0.142624	1.27513	1.27513	0.919442	0.984519	-1.01572	0.743244	1.052	1.052	0.208709	1.22678	1.22678	0.370471	1.15239	1.15239	0.633081	1.928507	-1.077	0.0121951	0.617735	-1.61882	0.047227	1.41933	1.41933	0.0271195	1.49697	1.49697	1.36557	1.26788	0.334863	1
cg20450603	MSRB3;MSRB3	0.0508855	0.894057	1.02191	1.02191	0.0908176	1.795	1.795	0.0892459	1.59127	1.59127	0.760711	1.05099	1.05099	0.245928	1.21845	1.21845	0.718179	1.06078	1.06078	0.0804574	0.737386	-1.35614	0.0426521	0.847956	-1.17931	0.477093	1.12491	1.12491	1.36556	1.41008	0.373203	1
cg22537399	URIC4G;IL31	0.0508868	0.374812	0.602338	-1.6602	0.394046	0.615183	-1.62553	0.0316247	0.765054	-1.37282	0.2173	0.485602	-2.0593	0.00243876	0.0956146	-10.4586	0.0712014	0.325785	3.06951	0.0999918	0.853983	-2.73237	0.0484467	0.285148	-3.50695	0.0748728	0.331523	-3.01638	1.36553	16.5081	4.36002	1
cg26978081	SLC25A32;DCAF13	0.0508876	0.168665	0.898534	-1.11292	0.0290635	1.20642	1.20642	0.0255176	1.21361	1.21361	0.585475	0.960622	-1.04099	0.0597024	0.207416	-4.82124	0.23286	1.65429	1.65429	0.602128	0.2606	0.317951	0.07472	1.07472	0.21996	0.910207	-1.09865	1.11136	1.36551	0.2836618	0.0749084	1
cg10507232	LSM2	0.0508943	0.0145091	0.175091	-5.71281	0.0349346	0.648677	-1.5416	0.0446826	0.595498	-1.67945	0.854988	1.30634	0.154494	0.803023	1.19186	0.839	0.8994553	1.49552	-1.77792	0.0507567	0.77903	1.28365	0.260086	0.872813	-1.14572	0.719568	1.29201	0.707841	1.03085	1.36551	0.3764	0.082709	1
cg06627628	ITSN2;ITSN2	0.0508896	0.230681	0.751227	-1.33116	0.573314	1.13899	1.13899	0.355318	1.24148	1.24148	0.932581	0.981694	-1.01865	0.00163975	0.358512	-2.78931	0.233541	1.32861	1.32861	0.480917	1.17702	1.17702	0.866557	1.03897	1.03897	0.353358	0.805505	-1.24146	1.36546	2.75843	0.728559	1
cg24337010	STMN4	0.0508899	0.630597	0.807582	-1.15291	0.244628	0.699898	-1.42878	0.0168341	0.432287	-2.31338	0.316996	0.758411	-1.35426	0.238304	0.696214	-1.43634	0.908784	1.03417	1.03417	0.0218663	0.283734	-3.52456	0.0185003	0.170988	-5.84735	0.0185003	0.170988	-5.84735	1.36543	4.58083	1.2099	1
cg08358683	NIN1;NIN1	0.0508915	0.0906652	0.297746	-3.35857	0.836793	0.906277	-1.10341	0.182182	1.34227	1.34227	0.167322	0.595249	-1.67945	0.0183	0.0396688	-25.1933	0.751884	1.459577	-1.16337	0.0829431	0.199854	-5.00366	0.03216	0.302031	-3.31091	0.0605066	0.364289	-2.74507	1.36541	13.2372	3.4841	1
cg02718824	LETMD1;LETMD1	0.0508915	0.026999	0643	-1.55521	0.192066	1.26221	1.26221	0.0409899	1.48844	1.48844	0.0915254	0.730994	-1.368	0.0791853	0.719888	-1.38911	0.329707	0.843976	-1.18487	0.0500942	0.686107	-1.4575	0.591446	0.912677	-1.09568	0.939921	1.01279	1.01279	3.65141	1.51582	0.400365	1
cg03318287	MRK17	0.0508921	0.572027	0.804273	-1.2438	0.0821247	0.659315	-1.51673	0.0118868	0.506736	-1.96178	0.534078	0.872675	-1.14595	0.467997	0.844834	-1.18403	0.176966	0.629476	-1.58862	0.107189	0.567016	1.76311	0.277915	0.513617	-1.88105	0.0451121	0.476412	-2.09902	1.36541	5.54488	1.46445	1
cg20639658	CCDC4A	0.0508922	0.220355	0.642478	-1.55647	0.0412518	0.445567	-2.24433	0.185723	0.617685	-1.61895	0.233634	0.651328	-1.53532	0.01303	2.87974	2.87974	0.108452	1.82432	1.82432	0.449505	1.3029	1.3029	0.933943	1.02887	1.02887	0.209743	1.5744	1.5744	1.36539	6.28338	1.65961	1
cg25602443	KLHL29	0.0508937	0.0502448	0.337255	-2.96535	0.0510168	0.706277	-1.41579	0.0196356	0.445527	0.8604025	0.0116645	0.267003	-3.74545	0.0196356	0.445527	0.8604025	0.0707037	0.462046	-2.16455	0.0247034	0.527257	-1.8965	0.0244728	0.0502811	-19.9115	0.0244728	0.0502811	-19.9115	1.36535	0.452553	0.120968	0.36535	1.11737	1
cg13882267	ITGA9	0.0508952	0.0482372	0.688396	-1.45265	0.00503062	0.184735	1.84735	0.136343	1.30405	1.30405	0.262784	0.82438	-1.21303	0.699035	1.06637	1.06637	0.838932	0.966896	-1.03424	0.17313	0.786806	-1.27096	0.933119	1.01398	1.01398	0.436274	1.14039	1.14039	1.36532	1.45831	0.385187	1
cg28189129	DLGAP2	0.0508957	0.72845	0.37738	-1.13976	0.0728832	2.11891	2.11891	0.297631	1.49966	1.49966	0.516721	1.29785	1.29785	0.0911242	0.344973	-2.89877	0.601083	2.18986	2.18986	0.173381	1.72235	1.72235	0.030246	0.38606	-2.59027	0.101402	0.510596	-1.96042	1.3653	7.50797	1.9831	1
cg10007155	WWOX	0.0508965	0.110364	0.674091	-1.48325	0.0249346	0.648677	-1.5416	0.0446826	0.595498	-1.67945	0.854988	1.30634	0.154494	0.803023	1.19186	0.839	0.0811448	0.549384	-1.82026	0.0170567	0.374975	2.66722	0.0505051	0.245928	1.20985	0.176396	0.640547	-1.56117	1.3653	1.51046	1.3508	1
cg11337018	IL28RA;IL28RA;IL28RA	0.050898	0.327318	1.32708	1.32708	0.842603	0.945087	-1.0581	0.319035	1.33401	1.33401	0.637757	1.14193	1.14193	0.00861258	0.391588	-2.55371	0.013666	0.425908	-2.34792	0.900489	0.965596	-1.03563	0.05006659	0.535123	-1.86873	0.964122	1.01267	1.01267	3.65124	4.17421	1.10257	1
cg04716275	ZNF264	0.0508986	0.161423	0.460708	-2.17079	0.124429	0.437736	-2.28555	0.0528552	0.391753	-3.42758	0.796741	0.977741	-1.14209	0.0900902	0.188837	-5.29575	0.0199333	0.295027	-3.38907	0.0154254	0.0710988	-14.0747	0.0028055	0.0178405	-56.0555	0.0028055	0.0178405	-56.0555	1.36537	-4.59126	0.0	0.0	1
cg19269661	DDX42;CCDC47;CCDC47;DDX42	0.0509006	0.0109154	0.132607	-7.53819	0.0266003	0.326603	-3.06663	0.0836126	0.318952	-3.13592	0.0108392	0.281205	0.751169	-3.55421	0.0161963	-6.17254	0.0133126	0.161961	-6.17395	0.0132762	0.612661	-1.63232	0.0124893	0.312429	-3.20061	0.0124893	0.312429	-3.20061	1.36535	0.194931	0.0680813	0.04586	0.0145586	0.845515	1.0511	1.0511	3.65118	1.47829	0.918765	1
cg21542574	GTSE1	0.0509009	0.0678472	1.65345	1.65345	0.238862	0.738391	-1.3543	0.0369221	0.551108	-1.81453	0.323786	1.28473	1.28473	0.734683	1.08723	1.08723	0.605425	0.87974	-1.1367	0.00593593	0.42214	2.42214	0.988088	0.996336	-1.00368	0.605046	1.13685	1.13685	3.65117	3.22165	0.850978	1
cg05908736	CYP4Z1;CYP2A7	0.0509016	0.364062	0.614154	-1.62741	0.870918	1.22556	-1.18429	0.0381868	0.429229	-2.32966	0.0813	0.29329	-3.40984	0.0381

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg23250185	PAOX;PAOX;PAOX	0.0506686	0.525486	1.783531	1.27627	0.2238028	2.78116	2.76116	0.461751	1.32853	1.32853	0.183887	1.83106	0.8820335	2.07627	2.07627	0.110765	1.93258	1.93258	0.00428565	4.25706	4.25706	0.159772	1.76751	1.76751	0.0574038	2.25904	1.36347	7.65839	2.02394	1
cg22494001	FAM184A;FAM184A	0.0506988	0.774128	0.9650161	-1.0362	0.0103775	1.49029	1.49029	0.0757244	1.72676	1.72676	0.397472	1.11303	1.113003	1.86281	1.86281	0.96702	-1.0341	0.805719	0.970002	-1.03093	0.96	0.09382	-1.00622	0.488079	1.09097	1.09097	1.00386513	1.61776	1.61776	1.36346	0.813763	0.21506	1
cg09120809	YTHDF3;YTHDF3	0.0509695	0.53811	0.931769	-1.07323	0.1908855	1.17002	1.17002	0.0134613	1.41461	1.41461	0.54201	0.932416	-1.07248	0.450458	1.09108	1.09108	0.663609	0.951599	-1.05086	0.00808414	0.680773	-1.46892	0.86556	1.0194	1.0194	0.265195	1.14069	1.14069	1.36344	0.684605	0.180927	1
cg04492929	PID1;PID1	0.0509696	0.297527	2.36577	2.36577	0.00109849	46.4262	46.4262	0.147217	1.45619	1.45619	0.679219	0.717802	-1.39314	0.700764	0.735003	-1.36054	0.091452	0.109415	1.008855	1.0408855	1.240081	2.66106	2.66106	0.638902	0.680628	-1.45767	0.770953	1.26208	1.26208	1.36344	33.8661	8.95012	1
cg19408915	C1orf105;PIGC;PIGC	0.0509715	0.0354216	0.70402	-1.4186	0.0109932	0.634133	-1.57696	0.810362	1.03492	1.03492	0.94557	1.0098	1.0098	1.027771	0.865698	-1.15514	0.749273	1.04684	1.04684	0.260542	1.18239	1.18239	0.330611	0.866475	-1.1541	0.0306042	1.43717	1.43717	1.36339	1.08574	0.286943	1
cg16619378	HS3ST3B1;MGC12916	0.0509722	0.00556596	11.0574	11.0574	0.190977	2.49356	2.49356	0.025804	5.73586	5.73586	0.222413	2.33064	2.330645	1.85313	1.85313	1.85313	0.887906	0.911132	-1.09754	0.19017	2.4982	2.4982	0.0096651	8.67765	8.67765	0.153226	2.74353	2.74353	1.36338	23.1957	6.13026	1
cg04836492	CR2T11	0.050976	0.0105829	0.143769	-6.9556	0.2058892	0.447112	-2.23658	0.0778745	0.306682	-3.26071	0.0622189	0.281863	-3.54783	0.0894999	0.323238	0.0937	0.0226258	0.192708	5.1892	0.01409891	0.160775	-6.21986	0.192069	0.43475	-2.30017	0.0468542	0.253443	-3.94565	0.36328	19.3836	5.12294	1
cg21974239	MAPK12	0.0509755	0.0194865	0.494405	-2.02326	0.6992217	0.90407	-1.10509	0.9481149	0.569357	-1.75668	0.0477994	0.568627	-1.75847	0.014406	0.471284	-2.12182	0.826677	0.946772	1.05622	0.06001002	0.580215	-1.69717	0.0195899	0.49486	-2.02077	0.863451	0.957974	-1.04387	0.36327	3.31376	0.879804	1
cg06099663	KIF26B	0.0509765	0.480399	1.09068	1.09068	0.49474	0.920397	-1.08649	0.0572236	1.55021	1.55021	0.108958	2.13956	1.2135	0.944504	-1.20986	0.387677	1.28387	1.28387	1.28387	1.28387	1.3686	1.3686	1.3686	0.0461906	1.90534	1.90534	0.867412	1.04828	1.04828	1.36305	4.24223	1.12126	1
cg00384577	ITPKC;ADCK4	0.0509855	0.563419	0.852471	-1.17306	0.0655313	1.80382	1.80382	0.35336	0.770327	-1.29815	0.818582	1.06479	1.06479	0.162981	1.50219	1.50219	0.815663	0.938181	-1.06589	0.00296133	0.328029	-3.04851	0.388447	1.2732	1.2732	0.970961	0.990102	-1.01	0.36304	3.97705	1.05118	1
cg20603133	GPC5	0.0509857	0.501069	1.5894	1.5894	0.0818345	3.71723	3.71723	0.0441828	4.82657	4.82657	0.328782	1.98634	1.98634	0.312865	2.01561	2.01561	0.78173	1.20818	1.20818	0.00374566	14.367	14.367	0.0195858	6.83205	6.83205	0.0439225	4.83865	4.83865	1.36304	24.6937	6.52683	1
cg20075570	SLC45A5	0.0509863	0.00899033	1.2895824	-5.45325	0.3660029	0.707174	-1.41408	0.554405	0.798854	-1.25023	0.2272603	0.653111	-1.53113	0.0555839	0.445156	2.24638	0.414422	1.36799	1.36799	0.0185502	0.344684	-2.90214	0.0909405	0.499213	-2.00315	0.36297	0.741332	1.95946	1
cg13074209	TRAPPC2L;GALNS	0.050989	0.1135091	1.32749	1.32749	0.585356	0.913359	-1.09486	0.218143	0.808081	-1.2375	0.986483	0.997217	-1.00279	0.920014	1.01666	1.01666	0.523344	0.898593	-1.11285	0.00128943	0.462291	-2.16314	0.763508	0.951573	-1.05089	0.84742	0.968809	-1.0322	0.36295	1.44128	0.380955	1
cg27339437	PTER;PTER	0.050992	0.0634158	0.37933	0.37933	0.0193783	1.02839	1.02839	0.26298	0.682707	-1.46543	0.14111	0.459356	1.45705	0.111295	0.51904	1.92655	0.117777	0.61894	1.61555	0.0756801	0.147754	6.77004	0.0743056	0.440158	2.27145	0.0174531	0.226886	2.82688	0.152281	16.1904	1
cg01409685	RAP2C	0.0509926	0.0235081	0.229504	-4.35723	0.0775273	0.151951	-6.58108	0.117583	0.396671	-2.52098	0.102615	0.378465	-2.64225	0.0303834	0.257179	3.97269	0.121862	0.40162	2.48992	0.019495	0.215232	-4.64615	0.692223	0.80538	-1.24165	0.339868	0.582834	-1.71575	0.36286	15.7624	4.16641	1
cg01664241	ADAMTS3	0.0509939	0.344305	0.77159	-1.46373	0.1944372	0.414372	-2.41329	0.0627946	0.607765	-1.64579	0.0279948	0.377745	-2.64796	1.3744	1.3744	1.3744	0.475208	-2.10434	0.475208	-2.10434	0.780746	0.765588	-1.30616	0.406182	2.46183	-2.01539	0.0178242	1.19413	0.76285	1.36283	1.13155	1.13155	1
cg09968765	EEF2	0.0509948	0.0445655	0.792418	-1.26196	0.0174895	1.33878	1.33878	0.365335	1.09837	1.09837	0.264825	0.889381	-1.12438	0.883068	0.985264	1.01496	0.0169855	0.745547	-1.3413	0.338601	0.905287	-1.10462	0.218151	0.877508	-1.13959	0.724019	0.96487	-1.03641	0.36281	0.541944	0.143252	1
cg00017601	PTK2B;PTK2B;PTK2B;PTK2B	0.050995	0.737092	0.9567	-1.04526	0.978316	1.00357	1.00357	0.0400986	1.00986	1.00986	0.224162	1.18265	1.1826	0.0925205	0.8381	-1.19318	0.00896525	0.551163	1.55163	0.00515837	1.62454	1.62454	0.64723	0.0629	1.0629	0.531474	1.08684	1.08684	1.3628	0.919268	0.24299	1
cg26446596	RDH10	0.0509955	0.8800351	0.9786	0.97859	0.7206254	1.45572	1.45572	0.0459357	1.53995	1.53995	0.862308	1.02575	1.025749	0.8265544	1.09609	1.09609	0.617968	0.928097	-1.07643	0.4346427	0.697124	-1.43447	0.0920907	1.00366	1.00366	0.0459348	1.39809	1.39809	1.3628	1.14275	0.302063	1
cg00340328	TAP2;TAP2	0.0509952	0.325091	0.75528	-1.32401	0.0035818	0.335847	-2.97755	0.0830624	0.588172	-1.70018	0.92647	0.974794	-1.02586	0.0106808	0.411713	-2.42887	0.176881	0.672333	-1.48736	0.32838	0.756532	-1.32182	0.493014	0.824854	-1.21234	0.0533028	0.544892	-1.83523	0.3628	4.07386	1.07685	1
cg16181383	CDL23A1	0.0509961	0.0916404	0.487345	-2.05098	0.1583134	0.503667	-1.79737	0.1114833	0.752157	-1.32882	0.894221	0.32285	1.35308	0.0941383	0.740203	-1.35078	0.808519	1.08899	1.08899	0.0047464	0.232285	-4.30605	0.898403	0.63036	-1.56977	0.36277	0.630836	1.64981	0.3628	8.04994	2.12786	1
cg05802704	NRG3;NRG3;NRG3	0.050997	0.567008	2.32304	1.22304	0.97979	0.991225	-1.00885	0.292805	0.410797	-2.43429	0.726641	1.12989	1.12989	0.0797365	0.504121	-1.98365	0.127102	1.75554	1.77554	0.946577	0.976954	-1.02359	0.0928797	1.35316	1.35316	0.0126725	6.4479	1.7044	1
cg27072683	NDUFB8	0.0509983	0.0235473	0.312117	-3.20393	0.2610272	1.65638	1.65638	0.00964041	4.09797	4.09797	0.485024	0.736767	-1.35728	0.166724	0.530066	-1.88656	0.409751	0.695614	-1.43758	0.418205	0.711453	-1.40557	0.12035	0.484133	-2.06555	0.863019	1.07718	1.07718	0.36272	9.87212	2.60956	1
cg15184491	C20orf31;C20orf31	0.051	0.2060317	1.497953	1.49795	0.3930283	0.658456	-2.15355	0.0568182	0.663149	-2.75369	0.0801372	0.780046	-1.28205	0.0246093	0.531916	-1.88057	0.842579	1.08798	1.08798	0.0004995	0.212572	-4.7043	0.856931	0.52935	-1.88972	0.0176433	0.474012	-2.10959	0.36268	0.95776	0.53174	1
cg13255216	C2orf39	0.0510017	0.249844	0.642997	-1.55522	0.500491	0.775928	-1.28947	0.981574	0.991555	-1.00852	0.317577	0.684288	-1.46137	0.405001	0.731647	-1.36678	0.0517409	0.254556	3.92955	0.00384753	0.104314	9.58403	0.0034314	0.27576	3.62574	0.0026464	0.172154	5.80756	0.0178161	1.72763	1.82554	1
cg08885077	HSF21	0.0510023	0.0716794	0.4201	-2.38063	0.1433473	0.214372	-4.66353	0.0179482	0.337584	-2.96233	0.0127948	0.203608	-4.9114	0.0129602	0.173139	-5.77484	0.0780746	0.765588	-1.30616	0.406182	2.46183	-2.01539	0.0178242	1.19413	1.19413	0.178451	2.40823	1.12155	1.36265	1.38	0.438403	0.113264	1
cg18632254	MRPS30	0.0510028	0.552734	0.930186	-1.07505	0.935765	1.00976	1.00976	0.420241	0.905534	-1.10432	0.00489119	0.637989	-1.56743	0.0977412	0.803382	-1.24474	0.918564	0.987752	-1.0124	0.0130064	0.689797	-1.4497	0.326119	1.12995	1.12995	0.445154	1.09833	1.09833	1.36261	0.773334	0.204427	1
cg08388507	TG	0.0510029	0.0230501	0.356532	-2.8048	0.0111257	0.298879	-3.34584	0.0127402	0.308397	-3.23638	0.549421	0.794659	-1.2584	0.0314733	0.583915	-2.60474	0.18114	0.583487	-1.71383	0.0728416	0.467983	-2.13683	0.331941	0.539555	-1.85338	0.118979	0.526182	-1.90048	0.3626	7.66842	2.02711	1
cg08215876	RFTN2	0.0510032	0.9807017	1.03892	1.03892	0.9434373	0.914472	-1.09337	-1.09716	0.113379	0.761302	-1.34898	0.6001101	0.691791	1.44552	0.5076644	1.96959	0.787406	0.765588	-1.30616	0.406182	2.46183	-2.01539	0.0178242	1.19413	1.19413	0.178451	2.40823	1.12155	1.36261	1.38	0.438403	0.113264	1
cg12655452	PIGK;PIGK	0.0510046	0.0407689	0.677219	-1.47663	0.0164974	1.62164	1.62164	0.944496	0.988576	-1.01156	0.157212	0.779085	-1.28356	0.272572	0.82824	-1.20738	0.963113	0.991986	-1.00808	0.892191	0.97787	-1.02263	0.0208081	1.58274	1.58274	0.75372	1.05331	1.05331	1.36256	1.45033	0.383393	1
cg15402626	GNB1L	0.0510062	0.272626	1.4009	1.4009	0.2213125	0.880972	1.03225	0.0372121	0.888073	1.03299	0.94725	0.0960295	1.0751	0.0960295	1.0751	-1.08502	0.0879298	1.08273	1.2962	-1.04744949	0.271098	-3.67731	0.0282607	0.2763	-3.61952	0.0298851	-3.24833	0.028267	0.45631	4.6441	1
cg26795540	PARD3	0.0510099	0.0335196	0.369974	-2.7029	0.0971453	0.482445	-2.07278	0.615482	1.22476	1.22476	0.378792	0.696629	-1.43548	0.0205121	0.327038	-3.05775	0.0470667	0.402586	-2.48394	0.203367	0.584184	-1.71179	0.0088852	1.263682	-3.79244	0.0635494	0.433802	-2.3052	0.36243	0.53565	2.25648	1
cg00449785	KLHL29	0.05101	0.1832	0.759971	-1.31584	0.180711	0.758635	-1.31816	0.054236	0.654046	-1.52894	0.0103164	0.533594	-1.87408	0.0338294	0.617804	-1.61864	0.653099	1.09191	1.09191	0.218568	1.28596	1.28596	0.212497	1.29073	1.29073	0.857375	0.965641	-1.03558	0.36243	2.01155	0.531773	1
cg14574726	PQLC2	0.0510101	0.445221	0.804037	-1.24355	0.1869207	0.41159	-2.42995	0.0115369	0.29595	-3.38011	0.144115	0.429705	-2.32751	0.0200518	0.479755	-2.08473	0.0143054	0.647426	-1.54458	0.0282164	0.688523	-1.45238	0.560863	1.08883	1.08883	0.59452	1.08883	1.08883	1.36243	0.29163	0.291639	1
cg16555181	VARS2;VARS2;VARS2;GTF2H4	0.0510113	0.769744	1.04767	1.04767	0.024129	1.53213	1.53213	0.052854	1.41778	1.41778	0.0127133	1.63441	1.63441	0.802608	1.04054	1.04054	0.0097795	1.67918	1.67918	0.593158	0.910082	-1.08293	0.0024702	1.08637	1.08637	0.146904	1.28017	1.28017	1.36239	1.34055	0.354391	1
cg05107814	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.0510115	0.697793	1.1241	1.1241	0.3707195	1.2377	1.2377	0.25085	1.1605	1.1605	0.1605	1.561144	1.5611	0.3108976	0.47856	-2.0896	0.7344655	1.08109	1.08109	0.0453465	0.183539	-5.44954	0.0289097	-1.07643	1.07643	0.0492417	1.39809	1.39809	1.3628	1.11475	0.302063	1
cg10663973	MRFAP1;MRFAP1	0.0510117	0.0695139	1.38682	1.38682	0.806219	1.04038	1.04038	0.609441	0.920158	-1.08653	0.0254791	1.53364	1.53364	0.1623331	1.27161	1.27161	0.024084	1.54239	1.54239	0.0471594	0.693603	-1.44175	0.193187	1.24831	1.24831	0.548685	0.906879	-1.10268	0.36238	1.3816	0.365243	1
cg10795294	GOLT1B	0.0510127	0.0479881	0.539911	-1.85209	0.186902	0.410159	-2.43808	0.1183579	0.561252	-1.78128	0.401628	0.291383	-3.43255	0.0314327	0.521256	-1.91844	0.881463	0.909324	-1.09972	0.0349802	0.0993136	-10.7165	0.0019552	0.15607	-6.40699	0.0756602	0.286713	-3.4878	0.3627	21.611	5.73915	1
cg00099207	C15orf54	0.0510121	0.6005166	0.4078059	-2.45183	0.0125533	0.28633	-3.72675	0.0035981	0.248101	-4.03208	0.0971331	0.462319	-2.16301	0.560171	0.782079	-1.27864	0.954244	0.975979	-1.02461	0.636398	1.30381	1.30381	1.302242	1.17676	1.17676	0.0582788	0.403381	2.47428	0.3627	9.56171	0.252777	1
cg22619307	UBE3C	0.0510122	0.15213	0.714807	-1.39898	0.0782838	0.651751	-1.53433	0.0331157	0.579724	-1.72496	0.0503137	0.6308	1.6308	0.668617	1.09882	1.09882	0.0561006	1.60562	1.60562	0.112384	1.45977	1.45977	0.776766	1.06419	1.06419	0.535193	1.14733	1.14733	1.36237	2.55066	0.674302	1
cg10375234	C6orf10	0.0510128	0.762868	0.97812	-1.02268	0.647771	0.976192	-1.0242	0.0434554	1.24165	1.24165	0.30361	0.759581	1.31819	0.0010319	1.08013	1.08013	0.881463	1.15163	1.15163	0.0139347	0.841359	-1.18843	0.0968884	0.88526	-1.12949	0.0993233	0.943067	-1.06021	0.36237	0.43067	0.09057	1
cg08041603	GAB2	0.0510147	0.0043270	0.255607	-3.91226	0.0187195	0.360918	-2.77071	0.4518	0.760188	-1.31546	0.390069	0.702961	-1.42255	0.259463	0.65654	-1.52314	0.946872	1.02412	1.02412	0.314953	0.689584	-1.45015	0.294016	1.47596	1.47596	0.0424196	1.433462	2.30701	0.36231	0.81266	1.80106	1
cg02105641	ENAH;ENAH	0.0510149	0.321362	0.490194	-2.04001	0.0287547	0.166148	-6.01874	0.047123	0.442067	-2.3204	0.258373	0.440429	-2.27051	0.0127779	0.116195	-8.60615	0.454109	1.0001	1.0001	0.0317701	0.174918	-5.71697	0.452	1.7044	1.7044	0.0293782	2.158961	6.29084	0.3623	25.7973	6.87145	1
ch.7.28642257	CREB3L2	0.0510161	0.0204766	0.299744	-3.33647	0.146619	-2.88501	0.3459876	0.186754	-5.35463	0.0259654	0.486681	-2.05645	0.0107971	0.533104	-1.87655	0.561384	0.682024	-1.46622	0.0360876	2.643214	-4.13115	0.0662497	0.470322	-2.12653	0.16993	0.284563	0.493535	-2.02622	0.36227	21.47	5.67606	1
cg16151924	CYP7B1	0.0510163	0.385795	0.757556	-1.32038	0.553286	0.829058	-1.20619	0.127491	0.671347	-1.67389	0.803101	0.68126	1.08126	0.106126	0.0025392	0.269969	-3.70413	0.228397	1.48464	1.48464	0.370889	1.33271	0.0667631	0.525985	-1.90119	0.891436	0.10461	1.04361	0.3622	5.20322	1.37559	1
cg26441521	GAUN79	0.051017	0.261084	1.3942	1.3942	0.3408	0.80914	1.08914	0.24231	1.13491	1.13491	0.244703	1.8021	1.8021	0.0447184	2.24321	2.24321	0.208401	1.64536	1.64536	0.0102447	4.79505	4.79505	0.257142	1.7733	1.7733	0.1825	2.41435	3.92094	1.36225	1.45	0.30204	1
cg01540949	KIRREL3;KIRREL3	0.0510175	0.0317798	0.358068	-2.79276	0.1247924	0.507588	-1.9701	0.0868443	0.462234	-2.16341	0.158709	0.540769	-1.84922	0.0284833	0.342816	-2.87178	0.342064	0.670677	-1.49103	0.00461659	0.21479	-4.65572	0.027211	0.344179	-2.90547	0.253258	0.614525	-1.62727	0.36224	8.86712	2.34424	1
cg04488568	C11orf45;KCNJ5	0.0510186	0.949209	1.02089	1.02089	0.890456	0.956267	-1.04573	0.476301	1.26494	1.26494	0.363998	1.35354	1.35354	0.899083	1.04168	1.04168	0.881463	1.62681	1.62681	0.0307655	0.370925	3.07372	0.0994772	1.04187	1.04187	0.95221	1.56051	1.44249	1
cg25675027	S8NO2;S8NO2	0.0510186	0.919994	1.0172	1.0172	0.46291	1.14082	1.14082	0.975617	1.0052	1.0052	0.225141	1.24135	1.24135	0.825327	0.963184	-1.03822	0.445027	1.3449	1.3449	0.0105537	7.72623	7.72623	0.014278	0.598812	-1.66997	0.36221	1.53355	0.405434	1
cg27051931	DSC2;DSC2;DSC2;DSC2	0.0510194	0.0911667	1.39819	1.39819	0.425673	1.15783	1.15783	0.660877	1.08278	1.08278	0.0519309	0.67139	-1.48945	0.145154	0.75439	-1.32557	0.364094	0.969600	-1.03134	0.0104866	0.559735	-1.78656	0.29995	0.824047	-1.21352	0.1113383	1.3667	1.3667	0.36219	1.72814	0.456882	1
cg03135206	EIF4G1;EIF4G3	0.051021	0.8690363	0.9812	-1.01908	0.8090452	1.05264	1.05264	0.0445552	1.24064	1.24064	0.0406354	0.90765	0.907653	-1.10178	0.0882806	1.02621	0.1830413	0.708246	1.41178	0.0013555	0.0102621	-1.10536	0.0107857	0.644396	-1.55184	0.395051	1.09072	0.867253	1.01682	0.3622	0.952923	0.139915	1
cg00292071	MAD1L1;MAD1L1;MAD1L1	0.0510201	0.432839	0.71845	-1.39189	0.1092777	0.486081	-2.05727	0.13433	0.513267	1.9483	0.0729039	0.437609	-2.28515	0.0046841	0.211567	-4.72433	0.035775	0.364494	-2.74353	0.0116505	0.271863	-3.67831	0.155055	0.533323	-1.87503	0.288906	0.634583	-1.57584	0.36217	9.08742	2.40253	1
cg00352055	KDM3A;KDM3A	0.0510203	0.758651	1.08994	1.08994	0.7621383	0.921083	1.08994	0.0710724	1.04285	1.04285	0.699163	0.799633	-1.25063	0.0160081	0.554257	-1.80413	0.282114	0.67583	-1.47966	0.0185559	0.609222	-1.64122	0.0402532	0.93947	-1.06441	0.753493	0.945115	-1.05802	0.36217	0.49284	0.123665	1
cg11494887	CEP164	0.0510223	0.175061	0.709256	-1.40993	0.0044268	0.404669	-2.47116	0.0409785	0.570174	-1.75385	0.420451	0.821968	-1.21659	0.996507	1.00104	1.00104	0.402087	1.22662	1.22662	0.241679	1.33898	1.33898	0.523586	1.16646	1.16646	0.268953	1.31553	1.31553	0.36212	3.02115	0.798743	1
cg23228279	CAMTA1	0.0510224	0.374202	0.784125	-1.27531	0.60196	1.15062	1.15062	0.0203629	0.674524	-2.10737	0.303865	0.751409	-1.33083	0.00160026	0.299078	-3.34661	0.390769	0.791007	-1.26421	0.420423	0.802956	-1.2454	0.251189	0.706222	-1.41599	0.613421	0.873001	-1.14547	0.36211	3.78496	1.00068	1
cg13301454	PP2R2B;PPP2R2B;PPP2R2B	0.0510226	0.259752	0.663985	-1.50606	0.0262315	2.50536	2.50536	0.24423	1.5286	1.5286	0.228025	1.55385	1.55385	0.0301398	0.411403	-2.43071	0.188837	1.62403	1.62403	0.702332	1.14311	1.14311	0.0224481	2.59217	2.59217	0.959206	0.982341	-1.01798	0.36211	6.46052	1.70806	1
cg14496607	ZBED5;ZBED5	0.0510229	0.0545412	0.60282	-1.65902	0.043291	1.94407	1.94407	0.0213175	1.2409	1.2409	0.448766	1.30861	1.30861	0.0441547	1.62308	1.62308	0.491283	0.918853	-1.0787	0.0495359	0.741335	-1.34892	0.762107	0.94154	-1.06243	0.6	0.964948	0.625152	1
cg02902079	CXCR4;CXCR4	0.0510236	0.488638	0.20847	1.20847	0.521209	0.819444	-1.19126	0.502687	0.832686	-1.20093	0.00225642	0.316477	-3.15979	0.658588	0.887192	-1.12715	0.453706	0.807843	-1.23786	0.0128748	0.4355	-2.29621	0.780697	0.930547	-1.07464	0.718497	1.10234	1.10234	0.36208	1.85784	1.01996	1
cg00985958	B3GAT2	0.0510239	0.68294	0.899624	-1.11158	0.00696099	0.406871	-2.45778	0.0820766	0.608838	-1.64247	0.252984	0.735262	-1.36006	0.853367	1.04881	1.04881	0.855989	0.954286	-1.0479	0.0135339	0.455126	-2.19719	0.546497	0.854546	-1.17021	0.0163493	0.469525	-2.12981	0.36208	3.51264	0.933984	1
cg04776470	SYT10	0.0510242	0.0474755	0.3482	-2.87168	0.0930619	0.330624	-3.02512	0.0139466	0.342649	-2.91844	0.0116842	0.388984	-2.57115	0.0207606	0.483988	-2.06652	0.0701824	0.74692	-1.33883	0.855075	0.8819848	-1.13407	0.0947624	0.73855	1.35205	0.0256779	0.234482	-4.26458	0.13973	0.342402	-2.92035	0.40379	1
cg12221218	DYNLT3	0.0510261	0.0270687	0.502086	-1.98884	0.112849	0.635462	-1.57366	0.0269794	0.502533	-1.98992	0.218707	1.40476	1.40476	0.0418757	0.455216	-2.19676	0.854056	0.952776	-1.04957	0.252087	1.36033	1.36033	0.848146	0.950884	-1.05165	0.872621	1.04306	1.04306	0.36202	3.67515	0.971678	1
cg01229421	PRM2	0.0510265	0.0220202	0.33887	-2.95103	0.0208356	0.199999	-5.00515	0.0146283	0.314238	-3.18386	0.0404568	0.242324	-4.1284	0.0124208	0.210016	-4.76083	0.148059	0.398606	-2.50874	0.0134892	0.158302	-6.31592	0.0464142	0.260384	-3.76083	0.0443455	0.492056	-2.03169	0.36201	47.9595	4.74835	1
cg18103236	ZMIZ1	0.0510279	0.573752	1.14624	1.14624	0.592651	1.13846	1.13846	0.433589	1.21151	1.21151	0.0678032	1.63431	1.63431	0.00216943	0.355861	-2.81008	0.411775

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Ratio(105T vs. 057 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(637T vs. N)	Fold-Change(637T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03635174	NEB;NEB;NEB	0.0510913	0.246132	0.655036	-1.52663	0.909589	1.04042	1.04042	0.125874	0.56014	-1.76947	0.490867	0.783426	-1.27644	0.00238225	0.228284	-4.38051	0.605661	1.1992	1.1992	0.111893	0.546706	-1.82914	0.858291	0.939565	-1.06432	0.02302168	0.387434	-2.58109	3.86038	6.47482	1.71272	1
cg13649552	HIP1R	0.0510913	0.188618	1.71667	1.71667	0.375445	2.702647	-1.42319	0.0514791	2.36335	0.103152	1.99695	1.99695	0.619148	1.21458	1.21458		0.483722	1.318	1.318	0.002282	5.23346	5.23346	0.250477	1.5934	1.5934	0.07604248	2.15093	3.36038	8.01021	2.11886	1
cg00244857	DNAH2	0.0510925	0.427627	0.640819	-1.5605	0.0126517	5.49086	5.49086	0.419061	1.57407	1.57407	0.184681	2.16635	2.16635	0.279044	0.538809	-1.85594		0.161505	0.439764	-2.27395	0.0215434	0.2194422	-4.55742	0.9773553	1.01572	1.01572	0.2055564	0.4800391	-2.08294	3.36035	16.0677	4.25028	1
cg25393347	IRF2BP1;FAM63A;FAM63A;FAM63A;FAM63A;FA M63A;FAM63A	0.0510933	0.611021	1.07026	1.07026	0.452547	1.106667	1.106667	1.046682	1.09923	1.09923	0.823403	0.9708838	-1.05465	0.408947	1.11832	1.11832	0.479226	0.8083547	-1.10506	0.00176238	0.5514354	-1.8039	0.91838	1.01366	1.01366	0.08404985	1.28764	1.28764	3.36033	0.9193045	0.2468183	1
cg19748495	MS3A;FAM63A	0.0510941	0.822595	0.958785	-1.04299	0.153021	1.332118	1.332118	0.00382891	2.07065	2.07065	0.783136	0.9496604	-1.05307	0.4955552	1.13848	1.13848	0.450054	0.865669	-1.15518	0.138553	0.741664	-1.34832	0.0866047	0.701343	-1.42584	0.406638	0.852906	-1.17246	0.30131	1.86949	0.494528	1
cg21935062	MYO3B;MYO3B	0.0510951	0.762523	1.13201	1.13201	0.830712	0.920478	-1.08639	0.129919	0.512043	-1.95296	0.777084	1.12315	1.12315	0.00170796	0.160006	-6.24978		0.262276	1.61326	1.61326	0.579752	1.25716	1.25716	0.412238	0.709623	-1.4092	0.138934	0.5211158	-1.9188	3.36029	8.90938	2.35678	1
cg03539765	LOC144571	0.0510954	0.355445	0.387075	-2.58346	0.236033	3.45509	3.45509	0.5824411	0.57436	-1.74107	0.0759246	7.18645	7.18645	0.6696	0.651443	-1.53508		0.178705	0.240144	-4.16416	0.618826	0.6606947	-1.61004	0.0205822	16.2005	16.2001	0.0108274	24.4233	24.4233	3.36028	53.0588	14.0356	1
cg01351337	C10orf76	0.0510968	0.0463369	1.66444	-6.00802	0.126224	3.67144	3.67144	0.447381	1.83748	0.183768	0.0228658	3.127389	-7.85	0.0225543	0.123656	-8.08693		0.264344	0.402904	-2.49437	0.31552	0.4542821	-2.25998	0.330856	0.454627	-2.19961	0.0340051	0.1431	-6.98813	3.36025	32.8402	8.68963	1
cg22564448	VPS13B;VPS13B	0.0510969	0.209991	0.43752	-2.28561	0.0813655	0.298553	-3.34949	0.287281	0.500905	-1.99639	0.0627395	0.26975	-3.70714	0.00408097	0.0896669	-11.1524		0.100283	0.324125	-3.08523	0.0672593	0.2771157	-3.60806	0.824455	1.14913	1.14913	0.0215494	0.177796	-5.62442	3.36024	20.8357	5.51168	1
cg04964601	ARID5B	0.0510973	0.741114	0.843546	-1.18567	0.0198515	2.186881	2.186881	0.775711	0.897904	-1.1137	0.518648	1.12977	1.12977	0.0416677	0.412259	-2.42371		0.469804	1.13753	1.13753	0.858007	1.103188	1.103188	0.583937	0.8899553	-1.12479	0.203936	1.26491	1.26491	3.36023	1.63486	0.432473	1
cg13587875	RIC8A	0.0510988	0.22548	2.11982	-1.39267	0.641045	1.2297	1.2297	0.508435	1.19072	1.19072	0.156161	0.673087	-1.48569	0.00997605	0.428861	-2.33176		0.962083	0.987997	-1.01215	0.00674875	0.400199	-2.49833	0.391723	1.2565	1.2565	0.222524	0.716327	3.36022	3.60311	0.9531443	1
cg14048274	EMID2	0.0511	0.369916	1.22313	1.22313	0.0760858	0.764724	1.85281	0.00288569	1.76	1.76	0.157943	1.23142	1.23142	0.157021	1.23208	1.23208	0.281598	1.16684	1.16684	0.666	1.0418873	-1.06271	0.9179201	1.08285	1.08285	0.5282325	1.09211	1.09211	3.36016	1.01183	0.267667	1
cg13708974	PKN3	0.0511007	0.157596	0.565698	-1.76773	0.0198515	2.186881	2.186881	0.775711	0.897904	-1.1137	0.518648	1.12977	1.12977	0.0416677	0.412259	-2.42371		0.547521	0.794958	-1.25793	0.0358204	0.398224	-2.51115	0.344958	1.58173	1.58173	0.143917	0.5531269	-1.80744	3.36015	7.56378	2.00091	1
cg19003389	RC48	0.0511007	0.00684736	0.129506	-7.72163	0.345593	0.579218	-1.72647	0.530076	1.42858	1.42858	0.253397	1.95819	1.95819	0.579257	1.36879	1.36879		?	?	?	0.0346531	4.10523	4.10523	0.460342	0.655855	-1.52473	0.3174841	1.78825	1.78825	3.69232	15.9377	3.77688	1
cg03894294	SLC19A3	0.0511009	0.162507	0.453852	-2.20336	0.0631606	3.25093	3.02596	0.102889	0.38854	-2.57374	0.655056	1.269	1.269	0.0199357	0.228284	-4.53576		0.348241	1.6671	1.6671	0.155521	0.4470513	-2.23707	0.0997032	0.283647	-3.52551	0.0539847	0.133836	-3.18648	3.36014	14.9376	3.95157	1
cg00984200	VPS26B;NCAPD3	0.0511011	0.0656336	0.672294	-2.3806	0.361255	1.42803	1.42803	0.267409	1.55056	1.55056	0.520478	0.780913	-1.28055	0.2237701	0.615508	-1.62467		0.663365	0.846819	-1.18089	0.05592451	0.2549961	-3.92163	0.0172063	0.1322111	-3.00314	0.4414433	0.742299	-1.34717	3.36014	7.66998	2.02801	1
cg06841262	HS3ST3B1;MGC12916	0.0511017	0.825558	1.13223	1.13223	0.719746	1.221185	1.221185	0.671303	0.788693	-1.26792	0.32542	1.65846	1.65846	0.513702	1.4453	1.4453		0.337717	1.73259	1.73259	0.00531517	0.1296093	-7.71051	0.405602	0.623018	-1.60509	0.01112	0.1703111	-5.8716	3.36012	16.4578	4.35376	1
cg02028463	NEDD9	0.0511023	0.161243	0.715573	-1.39746	0.344845	2.901113	1.24313	0.00016099	0.448227	-2.23101	0.0950944	0.6804848	1.50751	0.0145041	2.20485	2.20485		0.4915	1.16917	1.16917	0.0616947	1.60118	1.60118	0.853441	1.04223	1.04223	0.1320155	0.7947091	-1.25832	0.34011	2.66263	0.704377	1
cg00807297	CTDP1;CTDP1	0.0511023	0.656364	1.12105	1.12105	0.338181	1.2865	1.2865	0.966634	0.989384	-1.01073	0.305904	1.31061	1.31061	0.0818747	0.324506	-3.08161		0.587332	1.15006	1.15006	0.741324	1.0882	1.0882	0.824616	0.96294	-1.03849	0.0743121	0.602056	-1.66088	3.36011	3.46474	0.916569	1
cg22934568	PRKAR2A	0.0511035	0.8492333	0.956156	-1.04569	0.0131191	3.13191	1.2644	0.0028321	1.28253	1.28253	0.192193	0.7547	1.3249	0.0145123	1.210263	1.210263		0.171588	0.4232	2.36252	0.0078564	0.4662155	-2.16473	0.3620737	0.827564	-1.20825	0.1283558	1.25402	1.25402	3.36008	0.9007457	0.2681259	1
cg11301756	PDSS2	0.0511036	0.960645	1.03734	1.03734	0.989943	1.00941	1.00941	0.534354	1.59602	1.59602	0.00125424	0.0301913	-33.1221	0.931187	0.937853	-1.06627		0.190482	2.80095	2.80095	0.405789	1.88111	1.88111	0.405322	0.531251	-1.88235	0.737624	0.778972	-1.28374	3.36007	29.3711	7.76997	1
cg22091609	SCARF2;SCARF2	0.0511037	0.390507	1.63986	1.63986	0.00273831	10.2204	10.2204	0.308582	1.80831	1.80831	0.958968	1.02934	1.02934	0.138458	2.45127	2.45127		0.0510055	3.48843	3.48843	0.0220266	4.68271	4.68271	0.151075	1.875646	-1.14201	0.36007	16.8159	4.44855	1
cg18620298	COMTD1	0.0511062	0.118283	0.752227	-1.60657	0.626337	1.545772	1.545772	0.134089	0.648516	1.542076	0.2692	1.20924	0.826968	0.0979538	1.242744	1.242744		0.640509	1.09553	1.09553	0.547045	1.0506	1.0506	0.931896	1.487	1.487	3.36001	1.32487	0.350493	1
cg15092239	CLIN3	0.0511084	0.00141109	0.159039	-6.28777	0.697266	1.16826	1.16826	0.427585	0.724547	-1.38057	0.277255	0.637942	-1.56754	0.918944	1.04132	1.04132		0.630953	1.21233	1.21233	0.334069	0.67279	-1.48635	0.233223	1.64414	1.64414	0.20472	0.587228	-1.70292	3.35995	8.4209	2.22778	1
cg25053484	FAM149A;FAM149A	0.0511097	0.233563	1.3065	1.3065	0.358083	1.45001	1.45001	1.124301	0.1353925	1.267062	0.0144	1.41771	0.211174	0.0358362	1.462309	1.462309		0.057664	0.615637	-1.62431	0.0211178	0.3258128	3.068796	-1.15367	0.43592	1.59952	2.43844	0.645104	1
cg03074214	EXOC6	0.0511098	0.435648	1.227	1.227	0.0562637	3.388102	-2.57664	0.00627858	0.450223	-2.04873	0.928187	0.977081	-1.02346	0.240232	0.728858	-1.37201		0.606033	0.847752	-1.14318	0.774569	1.07666	1.07666	0.35663	0.787348	-1.27009	0.196422	0.70375	-1.42096	3.35992	1.52055	0.931385	1
cg12735820	MCM2	0.0511116	0.667759	0.919907	-1.08707	0.675081	0.921726	-1.08492	0.538537	1.12794	1.12794	0.174467	0.756336	-1.32216	0.1193	0.721214	-1.38655		0.095012	0.701392	-1.42574	0.00184114	0.4252166	-2.35175	0.583146	0.898389	-1.1131	0.289228	1.237	1.237	3.35987	1.98899	0.526207	1
cg25185385	HOXD1	0.0511205	0.658303	1.08744	1.08744	0.373883	1.44187	-1.5579	0.0613797	0.668785	-1.45183	0.717081	1.06726	1.06726	0.0540076	1.172063	1.172063		0.765134	1.055	1.055	0.7105	0.9548489	-1.04729	-1.54992	0.2739806	0.815716	-1.22592	0.3585985	1.7024	1.7024	0.450394	1
cg07881228	PLEKHA8	0.0511139	0.71901	0.937231	-1.06697	0.249128	1.34127	1.24127	0.901058	0.97793	-1.02257	0.818988	1.04199	1.04199	0.641286	1.14405	1.14405		0.296514	1.21435	1.21435	0.0016581	0.4447163	-2.24839	0.200552	0.784597	-1.27454	0.576875	1.10643	1.10643	3.35982	1.73111	0.453229	1
cg18042593	ATM;NPAT	0.0511151	0.149867	1.65567	1.65567	0.0804186	2.484136	2.24152	0.0010556	1.94229	1.94229	0.124806	0.6017748	-1.66155	0.0454329	2.148606	2.148606		0.5182417	1.25102	1.25102	0.3025703	1.1074784	1.1074784	0.8977354	1.0943416	-1.0057	0.9918174	0.962723	-1.03872	3.35978	0.2349	0.0647671	1
cg08083804	LPIN2 ;AGTPAP;AGTRAP;AGTRAP-AGTRAP;AG TRAP	0.0511152	0.9884093	1.00203	1.00208	0.91528	1.01536	1.01536	0.638868	1.07004	1.07004	0.155028	1.24354	1.24354	0.476212	1.10933	1.10933		0.0324431	1.69863	-1.43137	0.396431	0.8830451	-1.13244	0.553761	1.08958	1.08958	0.00329615	1.77429	1.77429	3.35978	1.09159	0.288798	1
cg22501942	TRAP	0.0511152	0.0464319	0.362437	-2.7591	0.0487271	0.367301	-2.72572	0.0102062	0.248581	-4.02283	0.480073	0.726582	-1.37631	0.0881868	0.226808	-4.40901		0.41967	0.692908	-1.44319	0.257249	0.307775	-3.24913	0.238421	0.57729	-1.73223	0.11668	0.468404	-2.13491	3.35978	0.534	2.78694	1
cg05080787	ZBED4	0.0511171	0.0135314	0.440051	-2.27246	0.060301	0.566064	-1.76658	0.977709	0.992524	-1.00753	0.86019	0.953753	-1.04849	0.00581601	0.37904	-2.63824		0.03007	0.503966	-1.98426	0.158119	0.666789	-1.49972	0.937335	0.979103	-1.02134	0.495604	0.83041	-1.20422	3.35974	3.83846	1.01555	1
cg15357158	UGDT1;UGDT1	0.0511175	0.0566217	0.523804	-1.90963	0.422289	1.5449	0.132451	0.00015	0.324221	-3.08442	0.152974	0.85857	-2.79422	0.0148868	0.4138	-2.41698		0.0719178	0.259801	-3.8491	0.00178388	0.2966174	-3.37102	0.0162402	0.1645482	-6.07599	0.339373	0.602	-1.66098	3.35973	0.64202	0.53654	1
cg07738839	TRIM10;TRIM10	0.0511176	0.692914	0.884647	-1.13039	0.220245	-1.48887	1.48887	0.692069	0.88433	-1.1308	0.482628	0.802238	-1.24651	0.467255	0.795785	1.25662		0.537171	1.824517	1.21283	0.00232008	0.2688825	-3.7199	0.0168215	0.406241	-2.46616	0.763691	0.911096	-1.09758	3.35972	0.07411	1.34247	1
cg19580344	MYO10	0.0511178	0.0563688	0.444592	-2.24925	0.11267	0.519745	-1.92402	0.0896931	0.492142	-2.03193	0.479946	0.761752	-1.31276	0.00515029	0.246577	-4.05553		0.485333	1.30826	1.30826	0.748056	0.8850311	-1.1299	0.116055	1.91034	1.91034	0.218475	0.612302	-1.63318	3.35972	7.64205	2.02188	1
cg12691572	VTI1A	0.0511181	0.6033372	1.08744	1.08744	0.373883	1.44187	-1.7184	0.0613797	0.668785	-1.45183	0.717081	1.06726	1.06726	0.0540076	1.172063	1.172063		0.810933	1.882223	1.882223	-1.1335	0.0077944	0.7382154	0.1684344	-5.93705	0.965397	1.077637	-1.02287	0.0743987	0.354737	-2.81899	3.35971	0.3826577	1
cg24794758	LENG1	0.0511186	0.389824	0.875425	-1.14233	0.0196246	0.53061	-1.53061	0.149444	1.26284	1.26284	0.96627	0.982373	-1.01794	0.89454	1.02023	1.02023		0.0415036	0.701235	-1.42606	0.0639142	0.7190241	-1.39096	0.209486	1.22105	1.22105	0.0187212	0.308721	1.302313	3.3597	1.21293	0.32091	1
cg21682057	GM01	0.0511202	0.409021	1.17154	1.17154	0.0638193	0.793192	-1.2594	0.0211831	0.833993	-1.20002	0.422744	0.936131	-1.06823	0.0027104	0.965441	-1.03581		0.0475188	0.779553	-1.28302	0.0058172	0.4662755	-2.14483	0.0223958	0.2611	-3.83012	0.0010597	0.1709	-5.85197	3.35967	0.82391	0.2224409	1
cg26668837	STK33;STK33	0.0511213	0.301409	0.614613	-1.62704	0.0367499	0.331855	-3.01336	0.0120807	0.241071	-4.14816	0.824297	1.10638	1.10638	0.968352	1.0182	1.0182		0.00511702	0.186196	-5.37068	0.382732	0.665568	-1.50222	0.0885262	0.425603	-2.3496	0.1907131	0.532658	-1.87738	3.35963	10.9971	2.90961	1
cg00060046	LIN9	0.0511225	0.467806	0.889827	-1.12376	0.656063	0.937332	-1.06686	0.703829	1.09569	1.09569	0.0709429	1.33893	1.33893	0.167171	1.29522	1.29522		0.00751747	1.64327	1.64327	0.1843299	0.6082905	1.021349	1.021349	0.612695	1.07949	1.07949	3.35962	2.43844	0.645104	1
cg00353575	NASP1	0.0511233	0.0325818	1.85512	1.85512	0.0099531	8.4483	8.4483	0.0005593	2.06886	2.06886	0.0355573	1.2686	1.2686	0.0271201	1.16455	1.16455		0.08078	2.82445	2.82445	0.214397	2.02148	2.02148	0.167193	2.13086	2.13086	0.0503675	3.3311	3.3317	3.35958	4.48728	1.29	1
cg18708536	ATP10A	0.0511244	0.701076	0.921661	-1.08523	0.128083	1.41744	1.41744	0.315641	0.802501	-1.24611	0.817787	1.05016	1.05016	0.171464	1.36172	1.36172		0.390993	1.20489	1.20489	0.00442021	2.23817	2.23817	0.0138789	1.90536	1.90536	0.893366	0.97196	-1.02885	3.35955	2.39281	0.633103	1
cg20380746	WSP1;WSP1	0.0511249	0.217947	0.761771	-1.31303	0.572384	1.23623	1.23623	0.0614691	0.329797	-3.03217	0.680437	1.07385	1.07385	0.151454	1.153948	1.153948		0.2610148	1.62617	1.62617	0.0358781	0.3512143	-2.84703	0.1488977	0.328086	-3.04844	0.0349472	0.401073	-2.49431	3.3596	7.35297	1.94549	1
cg23342980	GABRA5;GABRA5	0.0511247	0.0904527	2.47773	2.47773	0.0405238	3.1593	3.1593	0.809052	1.12859	1.12859	0.27422	1.73909	1.73909	0.243071	1.81146	1.81146		0.0568319	2.85306	2.85306	0.00370668	6.73391	6.73391	0.0286709	3.50918	3.50918	0.0751067	2.62208	2.62208	3.35954	12.5868	3.3303	1
cg12715135	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.0511255	0.671982	1.14078	1.14078	0.564546	-1.47626	-1.14652	0.0885567	0.837042	-1.19483	0.305035	1.28325	1.28325	0.030739	1.45245	1.45245		0.00109858	0.32297	-3.09626	0.22119	0.7405532	-1.35038	0.553087	1.1513	1.1513	0.5431609	0.864776	-1.15637	3.35953	2.09161	0.579198	1
cg22838399	EFNA5	0.0511257	0.254172	0.730422	-1.36907	0.151622	0.666779	-1.49975	0.0216222	0.514372	-1.94412	0.765269	0.9404545	-1.0822	0.710598	1.10333	1.10333		0.0835065	1.65763	1.65763	0.0109422	1.96734	1.96734	0.358456	1.12817	1.12817	0.159764	1.486437	-1.48633	3.35952	3.7033	0.979848	1
cg03805426	PCDHB;PCDHB	0.0511271	0.060071	0.760699	-1.31458	0.0452068	1.35635	1.35635	0.23811	1.16022	1.16022	0.072557	0.76661	-1.30444	0.0321149	0.972237	-1.02856	0.635152	1.06546	1.06546	0.5242093	0.921195	-1.08531	0.359448	0.936319	0.247741	1
cg19142182	SLC17A9	0.0511284	0.0844381	1.82006	1.82006	0.0133193	0.549732	-1.81931	0.0133993	0.455363	-2.19577	0.245507	0.6199974	1.61254312	-1.61254312	0.9354315	-1.06869	0.414286	0.432775	-2.31067	0.0014934	0.2316857	-4.31677	0.1264338	0.2422188	0.1486	-6.73056	3.35951	3.46373	2.1583	1
cg14904688	LOC285593;LOC285593	0.0511294	0.0649438	0.661818	-1.51099	0.0648769	1.51118	1.51118	0.151827	0.736547	-1.35769	0.356635	0.827937	-1.20782	0.0078776	0.507157	-1.97178		0.870812	0.968106	-1.03295	0.627818	1.10219	1.10219	0.987085	1.00323	1.00323	0.0458349	0.633887	-1.57757	3.35943	2.11033	0.558384	1
cg13550094	CYCS52;ETV3	0.0511312	0.135094	0.558336	-1.79586	0.145087	1.76607	1.76607	0.210855	1.18497	1.18497	0.12706	1.20716	1.20716	0.179038	1.144744	1.144744		0.0310933	1.88225	1.88225	0.0155849	0.5315099	1.332343	-1.1335	0.0079397	0.7482112	0.168434	-5.93705	0.965397	1.077637	-1.02287	0.0743987	0.354737	-2.81899	3.35771	1.34267	1
cg24794758	LENG1	0.0511186	0.389824	0.875425	-1.14233	0.0196246	0.53061	-1.53061	0.149444	1.26284	1.26284	0.96627	0.982373	-1.01794	0.89454	1.02023	1.02023		0.0415036	0.701235	-1.42606	0.0639142	0.7190241	-1.39096	0.209486	1.22105	1.22105	0.0187212	0.308721	1.302313	3.3597	1.21293	0.32091	1
cg21682057	GM01	0.0511202	0.409021	1.17154	1.17154	0.0638193	0.793192	-1.2594	0.0211831	0.833993	-1.20002	0.422744	0.936131	-1.06823	0.0027104	0.965441	-1.03581		0.0475188	0.779553	-1.28302	0.0058172	0.4662755	-2.14483	0.0223958	0.2611	-3.83012	0.0010597	0.1709	-5.85197	3.35967	0.82391	0.2224409	1
cg26668837	STK33;STK33	0.0511213	0.301409	0.614613	-1.62704	0.0367499	0.331855	-3.01336	0.0120807	0.241071	-4.14816	0.824297	1.10638	1.10638	0.968352	1.0182	1.0182		0.00511702	0.186196	-5.37068	0.382732	0.665568	-1.50222	0.0885262	0.425603	-2.3496	0.1907131	0.532658	-1.87738	3.35963	10.9971	2.90961	1
cg00060046	LIN9	0.0511225	0.467806	0.889827	-1.12376	0.656063	0.937332	-1.06686	0.703829	1.09569	1.09569	0.0709429	1.33893	1.33893	0.167171	1.29522	1.29522		0.00751747	1.64327	1.64327	0.1843299	0.6082905	1.021349	1.021349	0.612695	1.07949	1.07949	3.35962	2.43844	0.645104	1
cg00353575	NASP1	0.0511233	0.0325818	1.85512	1.85512	0.0099531	8.4483	8.4483	0.0005593	2.06886	2.06886	0.0355573	1.2686	1.2686	0.0271201	1.16455	1.16455		0.08078	2.82445	2.82445	0.214397	2.02148	2.02148	0.167193	2.13086	2.13086	0.0503675	3.3311	3.3317	3.35958	4.48728	1.29	1
cg18708536	ATP10A	0.0511244	0.701076	0.921661	-1.08523	0.128083	1.41744	1.41744	0.315641	0.802501	-1.24611	0.817787	1.05016	1.05016	0.171464	1.36172	1.36172		0.390993	1.20489	1.20489	0.00442021	2.23817	2.23817	0.0138789	1.90536	1.90536	0.893366	0.97196	-1.02885	0.35955	2.39281	0.633103	1
cg20380746	WSP1;WSP1	0.0511249	0.217947	0.761771	-1.31303	0.572384	1.23623	1.23623	0.0614691	0.329797	-3.03217	0.680437	1.07385	1.07385	0.151454	1.153948	1.153948		0.2610148	1.62617	1.62617	0.0358781	0.3512143	-2.84703	0.1488977	0.328086	-3.04844	0.0349472	0.401073	-2.49431	3.3596	7.35297	1.94549	1
cg23342980	GABRA5;GABRA5	0.0511247	0.0904527	2.47773	2.47773	0.0405238	3.1593	3.1593	0.809052	1.12859	1.12859	0.27422	1.73909	1.73909	0.243071	1.81146	1.81146		0.0568319	2.85306	2.85306	0.00370668	6.73391	6.73391	0.0286709	3.50918	3.50918	0.0751067	2.62208	2.62208	3.35954	12.5868	3.3303	1
cg12715135	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.0511255	0.671982	1.14078	1.14078	0.564546	-1.47626	-1.14652	0.0885567	0.837042	-1.19483	0.305035	1.28325	1.28325	0.030739	1.45245	1.45245		0.00109858	0.32297	-3.09626	0.22119	0.7405532	-1.35038	0.553087	1.1513	1.1513	0.5431609	0.864776	-1.15637	0.35953	2.09161	0.579198	1
cg22838399	EFNA5	0.0511257	0.254172	0.730422	-1.36907	0.151622	0.666779	-1.49975	0.0216222	0.514372	-1.94412	0.765269	0.9404545	-1.0822	0.710598	1.10333	1.10333		0.0835065	1.65763	1.65763	0.0109422	1.96734	1.96734	0.358456	1.12817	1.12817	0.159764	1.486437	-1.48633	0.35952	3.7033	0.979848	1
cg03805426	PCDHB;PCDHB	0.0511271	0.060071	0.760699	-1.31458	0.0452068	1.35635	1.35635	0.23811	1.16022	1.16022	0.072557	0.76661	-1.30444	0.0321149	0.972237	-1.02856	0.635152	1.06546	1.06546	0.5242093	0.921195	-1.08531	0.359448	0.936319	0.247741	1
cg19142182	SLC17A9	0.0511284	0.0844381	1.82006	1.82006	0.0133193	0.549732	-1.81931	0.0133993	0.455363	-2.19577	0.245507	0.6199974	1.61254312	-1.61254312	0.9354315	-1.06869

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12927833	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0511958	0.182083	0.692691	-1.44364	0.522043	0.845168	-1.1832	0.275311	0.745106	-1.34209	0.793231	0.934165	-1.07047	0.00127719	0.295867	-3.37989
cg24216908	ZNF256	0.051196	0.0106546	0.159236	-6.28	0.475092	0.659927	-1.51532	0.32774	0.560961	-1.78265	0.0735106	0.319237	-3.13247	0.00537354	0.122752	-8.14647
cg16181043	HLA-C	0.0511972	0.229259	0.391285	-2.55568	0.784478	1.22616	1.22616	0.471644	1.72385	1.72385	0.498062	0.599548	-1.66792	0.0744632	0.228085	-4.38434
cg08414605	BANP;BANP	0.051198	0.14513	0.564005	-1.77303	0.186236	0.598739	-1.67018	0.0357661	0.408901	-2.44558	0.500666	0.778644	-1.28428	0.00125419	0.178258	-5.60983
cg05991184	PNKD	0.0511987	0.589579	0.867881	-1.15223	0.322281	0.766415	-1.30478	0.00445723	0.372696	-2.68315	0.00741141	0.407578	-2.45352	0.205517	0.706447	-1.41554
cg06602926	ZNF286B	0.0511989	0.020934	0.301846	-3.31295	0.037934	0.354338	-2.82216	0.926141	0.960816	-1.04078	0.592209	1.2625	1.2625	0.0143226	0.272028	-3.6761
cg15955521	MTUS2;MTUS2	0.0511991	0.0229795	0.219865	-4.54825	0.268708	0.526469	-1.89945	0.452393	0.652885	-1.53166	0.192463	0.463811	-2.15605	0.00772781	0.148721	-6.724
cg15884905	RUNX2;SUPT3H;SUPT3H;RUNX2	0.0512	0.831084	1.03064	1.03064	0.753702	0.956511	-1.04547	0.42154	0.890488	-1.12298	0.348381	0.872512	-1.14612	0.60684	1.07608	1.07608
cg13739417	CXCR2;CXCR2	0.0512008	0.799749	0.914609	-1.09336	0.803794	1.09134	1.09134	0.0845775	0.511774	-1.95399	0.144102	0.576356	-1.73504	0.0302358	0.408733	-2.44658
cg22791045	OPCML	0.0512022	0.600475	0.909619	-1.09936	0.00284511	0.47886	-2.08829	0.558837	0.89945	-1.11179	0.919274	0.981991	-1.01834	0.984837	0.996599	-1.00341
cg24125287	C2orf63;RPS27A;C2orf63;RPS27A	0.0512038	0.00295419	0.0893627	-11.1904	0.0256451	0.208297	-4.80085	0.870696	1.10121	1.10121	0.0233183	0.201066	-4.9735	0.667955	0.774623	-1.29095
cg15190383	CRTC1;CRTC1	0.0512058	0.436595	0.809177	-1.23582	0.907131	0.969344	-1.03163	0.139967	0.654637	-1.52756	0.90203	0.967678	-1.0334	0.000850627	0.262498	-3.80955
cg03042802	RSC1A1;DDI2	0.0512061	0.0875201	0.731029	-1.36794	0.296025	1.1972	1.1972	0.977485	0.995323	-1.0047	0.949465	1.01058	1.01058	0.00529288	1.84146	1.84146
cg02090742	C17orf79	0.0512073	0.520338	0.910981	-1.09772	0.995136	1.00087	1.00087	0.480015	0.902373	-1.10819	0.0905047	0.765773	-1.30587	0.0409685	0.713555	-1.40143
cg20356482	FBP2	0.0512073	0.150483	0.561735	-1.7802	0.132967	1.83422	1.83422	0.429147	1.35262	1.35262	0.286978	0.661167	-1.51248	0.00311518	0.220234	-4.54063
cg16988976	EIF5B;TXNDC9	0.0512088	0.454239	0.878292	-1.13857	0.678457	0.931488	-1.07355	0.0194248	1.6178	1.6178	0.734264	0.943645	-1.05972	0.365501	0.853604	-1.1715
cg25655069	SPR	0.0512092	0.326076	1.15138	1.15138	0.0815027	0.76458	-1.30791	0.0195348	1.48046	1.48046	0.768816	0.959853	-1.04183	0.407705	1.12495	1.12495
cg25170019	KRT25	0.0512095	0.102575	1.50112	1.50112	0.280889	1.29031	1.29031	0.270509	0.770358	-1.2981	0.618241	1.12103	1.12103	0.00529399	0.433494	-2.30684
cg05471154	USP22	0.0512107	0.436836	1.13266	1.13266	0.852082	1.02975	1.02975	0.0444519	1.43687	1.43687	0.0714548	1.37181	1.37181	0.0454641	1.43372	1.43372
cg13464436	GSTM5	0.0512132	0.11272	0.523577	-1.90994	0.422527	0.735622	-1.35939	0.0504645	0.433655	-2.30598	0.559559	0.801606	-1.2475	0.00234921	0.203724	-4.9086
cg26207503	MYF5;MYF5	0.0512135	0.0440429	2.78576	2.78576	0.161991	1.93701	1.93701	0.391464	1.47516	1.47516	0.134443	2.04342	2.04342	0.0170393	3.62557	3.62557
cg14538532	PBX2	0.0512147	0.857808	0.960091	-1.04157	0.140302	1.43374	1.43374	0.382455	1.22557	1.22557	0.420415	0.829499	-1.20555	0.010482	0.481147	-2.07837
cg00318573	CHRNA4	0.0512159	0.656277	0.878775	-1.13795	0.58344	1.17323	1.17323	0.130113	1.60267	1.60267	0.0230863	2.18977	2.18977	0.290257	0.728593	-1.37251
cg07497428	PARN;PARN	0.0512161	0.198575	0.74705	-1.3386	0.221529	0.758956	-1.3176	0.0382227	0.597167	-1.67457	0.278051	0.784967	-1.27394	0.0036771	0.430476	-2.32301
cg13627562	TSFM	0.0512177	0.65886	1.24288	1.24288	0.124218	0.442789	-2.25841	0.485693	0.707024	-1.41438	0.573144	1.3213	1.3213	0.88793	1.07144	1.07144
cg01648861	KIAA1688	0.0512182	0.105767	0.743138	-1.34565	0.208321	0.800214	-1.24967	0.694841	0.935903	-1.06849	0.00407234	0.523175	-1.91141	0.0357965	0.663372	-1.50745
cg17345480	SPPL3	0.0512191	0.989945	0.997546	-1.00246	0.133044	1.37162	1.37162	0.00596273	2.0157	2.0157	0.853139	1.03679	1.03679	0.942911	1.01406	1.01406
cg24094804	LPAR2	0.05122	0.832945	0.953609	-1.04865	0.0961139	1.50825	1.50825	0.00421055	2.36772	2.36772	0.0972929	0.664167	-1.50564	0.19297	1.36321	1.36321
cg09809567	GLT8D2	0.0512219	0.946045	0.949146	-1.05358	0.932599	0.936849	-1.06741	0.828901	0.846281	-1.18164	0.527095	1.63915	1.63915	0.112832	0.264218	-3.78476
cg23504719	CRTAC1	0.0512226	0.0176133	0.394796	-2.53295	0.583739	1.19492	1.19492	0.443766	0.777804	-1.28567	0.169534	1.60151	1.60151	0.0618846	0.508311	-1.9673
cg23225147	CDKN1C;CDKN1C;CDKN1C	0.0512237	0.110217	0.643331	-1.55441	0.180908	0.697707	-1.43327	0.842947	1.05155	1.05155	0.656673	1.12004	1.12004	0.0117133	0.450227	-2.2211
cg07219710	EEF1A1	0.0512238	0.12285	0.754449	-1.32547	0.241946	0.813484	-1.22928	0.770355	1.05057	1.05057	0.674432	0.931266	-1.07381	0.785486	1.04706	1.04706
cg17386977	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.0512245	0.0312613	1.4723	1.4723	0.242325	0.829188	-1.206	0.0449317	0.70308	-1.42231	0.472941	1.11822	1.11822	0.120141	0.772539	-1.29443
cg17543804	EFHA1	0.0512248	0.126083	1.78013	1.78013	0.815047	0.9216	-1.08507	0.244735	0.654436	-1.52803	0.110655	1.83246	1.83246	0.00624582	0.288876	-3.46169
cg01059913	TMEM233	0.0512248	0.454511	1.698	1.698	0.0584159	4.42007	4.42007	0.369855	0.527287	-1.8965	0.0545329	4.55331	4.55331	0.564559	0.66715	-1.49891
cg27013455	DYNC1H1	0.0512249	0.174543	0.731087	-1.36783	0.205846	1.33567	1.33567	0.179985	1.36183	1.36183	0.154989	0.71886	-1.39109	0.0769971	0.652804	-1.53185
cg02977157	C20orf7;C20orf7;C20orf7;ESF1	0.051225	0.0354781	1.11094	1.11094	0.538594	0.9736	-1.02712	0.457145	0.967985	-1.03307	0.0728513	0.917609	-1.08979	0.0226411	1.12443	1.12443
cg16657448	FOXD2;FOXD2	0.0512255	0.245169	0.879088	-1.13754	0.219823	1.14657	1.14657	0.0469336	0.785757	-1.27266	0.0462735	0.785025	-1.27385	0.169028	0.856124	-1.16806
cg11374355	RPS16	0.0512276	0.0167073	0.150448	-6.6468	0.0138068	0.139016	-7.19341	0.127976	0.344065	-2.90643	0.223709	0.436572	-2.29057	0.0279466	0.185659	-5.38622
cg05996236	ZNF354B	0.0512286	0.948276	1.01424	1.01424	0.909544	1.02508	1.02508	0.521597	1.15208	1.15208	0.0179757	0.534436	-1.87113	0.33438	0.804951	-1.24231
cg20347893	TMEM132B	0.0512315	0.0724574	2.04896	2.04896	0.0269447	2.55396	2.55396	0.304813	1.46274	1.46274	0.15218	1.73144	1.73144	0.0345022	2.41673	2.41673
cg04890607	HMGA2;HMGA2	0.0512322	0.266051	0.536759	-1.86303	0.898281	1.07108	1.07108	0.460723	0.668178	-1.49661	0.587909	0.745477	-1.34142	0.228201	0.507102	-1.97199
cg11641391	A2ML1	0.0512337	0.59629	0.799164	-1.25131	0.755683	1.13984	1.13984	0.129452	0.503099	-1.98768	0.00656774	0.227563	-4.39439	0.00726325	0.234069	-4.27224
cg11148246	DYNC1I1;DYNC1I1;DYNC1I1	0.0512367	0.0726487	0.231495	-4.31975	0.00719326	0.0792788	-12.6137	0.036233	0.168782	-5.92479	0.0803673	0.242412	-4.1252	0.0587643	0.210206	-4.75724
cg13420803	CXorf56;CXorf56;CXorf56	0.0512371	0.00151019	0.126217	-7.92288	0.381571	0.666058	-1.50137	0.18469	0.528842	-1.89092	0.401929	0.678102	-1.4747	0.10442	0.44764	-2.23394
cg15183991	PLEC1;PLEC1	0.0512375	0.0917608	0.572388	-1.74707	0.0079751	0.359846	-2.77897	0.0292341	0.462065	-2.1642	0.2977	1.38326	1.38326	0.0375101	0.484148	-2.06548
cg25089142	BTBD11	0.0512382	0.00799925	0.0261393	-38.2565	0.663737	1.59844	1.59844	0.366708	0.369991	-2.70276	0.64463	0.607757	-1.64539	0.877156	1.1804	1.1804
cg00159764	DLGAP4	0.0512395	0.00315103	0.256044	-3.90557	0.762627	0.902782	-1.10769	0.291754	0.691189	-1.44678	0.372606	1.36213	1.36213	0.0404534	0.449756	-2.22343
cg17535691	TLX1NB	0.051241	0.0151264	21.5783	21.5783	0.174512	4.42093	4.42093	0.829414	0.800881	-1.24863	0.611916	0.590662	-1.69302	0.0205226	17.677	17.677
cg11684142	UCKL1	0.0512424	0.733851	1.093	1.093	0.0939164	1.61601	1.61601	0.368625	0.786139	-1.27204	0.0393315	1.86125	1.86125	0.0688727	1.69984	1.69984
cg09131629	LIMS2;LIMS2;LIMS2	0.0512431	0.0531588	0.68146	-1.46744	0.899683	0.978652	-1.02181	0.0689989	0.701644	-1.42522	0.99077	0.998023	-1.00198	0.0390942	0.658302	-1.51906
cg23209519	SRCRB4D	0.0512432	0.1981	3.06403	3.06403	0.265605	2.5986	2.5986	0.129355	3.85348	3.85348	?	?	?	0.00749626	0.0588128	-17.0031
cg06238055	DGKK	0.0512437	0.0550301	0.206382	-4.84539	0.870857	1.12526	1.12526	0.521558	0.624236	-1.60196	0.821845	1.17773	1.17773	0.00746749	0.0822098	-12.164
cg21526004	C7orf50;C7orf50;C7orf50	0.0512445	0.0998646	0.730282	-1.36933	0.00125823	0.440057	-2.27243	0.160219	0.76987	-1.29892	0.703015	0.935408	-1.06905	0.270355	0.818683	-1.22147
cg19246080	ARSD	0.0512462	0.0027007	0.163513	-6.11573	0.777426	0.883542	-1.13181	0.351743	0.657906	-1.51997	0.974629	1.01399	1.01399	0.0146945	0.269236	-3.71422
cg02520729	SETD1B	0.0512462	0.368405	0.743701	-1.34463	0.415589	0.765898	-1.30566	0.374371	0.746581	-1.33944	0.976396	1.00953	1.00953	0.00149508	0.230511	-4.33818
cg22598744	MLANA	0.0512466	0.258042	0.519073	-1.92651	0.509215	0.689348	-1.45065	0.0405329	0.26869	-3.72176	0.333684	0.574653	-1.74018	0.00643558	0.139611	-7.16275
cg06409176	SLC8A2	0.0512474	0.594423	1.4619	1.4619	0.064466	4.33947	4.33947	0.0327309	5.84416	5.84416	0.659139	1.36844	1.36844	0.0157739	0.123659	-8.08673
cg05054438	ALDH2	0.0512481	0.0415994	0.298305	-3.35227	0.0701293	0.352566	-2.83635	0.0143067	0.211137	-4.73627	0.0964582	0.390735	-2.55928	0.00652626	0.162048	-6.17102
cg13100118	CAPZB	0.0512481	0.0107273	0.0805032	-12.4219	0.0479181	0.16915	-5.9119	0.0261292	0.125712	-7.95466	0.419123	0.522739	-1.913	0.0211821	0.113334	-8.82348
cg24184350	LOC221710	0.0512505	0.00891196	0.364213	-2.74565	0.199352	1.50921	1.50921	0.423797	0.780396	-1.2814	0.613273	0.856682	-1.16729	0.76874	0.914397	-1.09362
cg19217214	WNT10A	0.0512507	0.449815	1.36901	1.36901	0.0098605	3.78173	3.78173	0.0573987	2.40282	2.40282	0.166014	1.82661	1.82661	0.0945501	0.472596	-2.11597
cg06454283	ZMAT4;ZMAT4	0.0512509	0.288184	1.27523	1.27523	0.655223	1.10417	1.10417	0.357784	0.81179	-1.23185	0.997146	0.999212	-1.00079	0.0244317	0.553666	-1.80614
cg22404481	AFG3L1	0.0512512	0.680991	0.957519	-1.04437	0.0498426	0.790639	-1.2648	0.715767	0.962326	-1.03915	0.388001	0.911274	-1.09737	0.948857	0.993286	-1.00676
cg22594309	SYT2;SYT2	0.0512522	0.769927	1.0958	1.0958	0.189887	0.64849	-1.54204	0.885669	1.0459	1.0459	0.365935	1.3361	1.3361	0.0345298	0.463497	-2.15751
cg00047338	BAHCC1	0.0512548	0.00425669	0.496125	-2.01562	0.605858	1.10008	1.10008	0.796692	0.953793	-1.04845	0.342035	1.19649	1.19649	0.102007	0.720387	-1.38814
cg22957142	SDK1;SDK1	0.0512552	0.11772	1.38163	1.38163	0.220455	1.27778	1.27778	0.971961	0.993335	-1.00671	0.585962	0.900636	-1.11033	0.662452	1.08717	1.08717
cg22736280	KIAA1429;KIAA1429	0.0512555	0.0821617	0.74468	-1.34286	0.71991	1.05667	1.05667	0.986927	0.997495	-1.00251	0.534903	1.10098	1.10098	0.0252388	0.665426	-1.5028
cg12772418	HDAC2	0.0512559	0.220206	0.555807	-1.79918	0.0504696	2.76142	2.76142	0.0902903	2.34088	2.34088	0.531935	0.749403	-1.3344	0.214032	0.550956	-1.81503
cg20987431	ZHX1;ZHX1	0.0512572	0.0585748	0.480001	-2.08333	0.629162	0.846077	-1.18193	0.39334	0.740564	-1.35032	0.290688	1.4574	1.4574	0.269068	0.673428	-1.48494
cg01326018	PRIM2	0.051258	0.00843187	0.170726	-5.85735	0.0210423	0.232632	-4.29863	0.346623	0.600939	-1.66406	0.624968	0.771925	-1.29546	0.668352	1.25415	1.25415
cg07621610	CCNDBP1;CCNDBP1;CCNDBP1;CCNDBP1	0.0512581	0.349195	0.839945	-1.19055	0.00714724	1.87515	1.87515	0.13008	1.34439	1.34439	0.594852	0.907422	-1.10202	0.933254	1.01528	1.01528
cg11209892	LOC286016;TNPO3	0.0512584	0.308901	0.780492	-1.28124	0.1161	1.49466	1.49466	0.00421546	2.46397	2.46397	0.0165838	1.99099	1.99099	0.993354	0.998042	-1.00196
cg08783219	TSC2;TSC2;TSC2	0.0512584	0.0679846	1.53407	1.53407	0.220671	0.763718	-1.30938	0.109832	0.694266	-1.44037	0.0199394	0.55537	-1.8006	0.478222	0.859898	-1.16293
cg14411375	NME2;NME2;NME2;NME1-NME2;NME2;NME2	0.0512594	0.123968	0.423703	-2.36015	0.110849	2.44841	2.44841	0.125805	2.34873	2.34873	0.218311	1.94927	1.94927	0.0582205	0.331757	-3.01425
cg21146187	C11orf49;C11orf49;C11orf49;C11orf49	0.0512601	0.0272682	0.321584	-3.10961	0.241258	0.587012	-1.70354	0.0825534	0.433867	-2.30485	0.795453	0.893314	-1.11943	0.00786905	0.227471	-4.39617
cg18808777	HCP5	0.0512609	0.197101	0.685116	-1.45961	0.103701	1.638	1.638	0.00499282	0.356849	-2.80231	0.168854	0.665936	-1.50165	0.444077	0.805425	-1.24158
cg14953026	GAB1;GAB1	0.0512611	0.466175	1.15085	1.15085	0.94774	1.0125	1.0125	0.348069	1.20086	1.20086	0.245243	0.794317	-1.25894	0.188117	0.767793	-1.30243
cg23220346	MIR128-2;ARPP-21	0.0512621	0.0340091	7.81675	7.81675	0.0103048	14.6748	14.6748	0.0349733	7.7045	7.7045	0.836518	0.842236	-1.18732	0.494373	1.78005	1.78005
cg08389266	CYP11B1;CYP11B1	0.0512627	0.945746	0.964657	-1.03664	0.0158663	0.209706	-4.76858	0.00504439	0.140741	-7.10525	0.962928	0.975725	-1.02488	0.247695	0.52782	-1.89459
cg24497686	SLC1A7	0.0512634	0.392611	0.737234	-1.35642	0.0449968	0.448978	-2.22728	0.0498109	0.45895	-2.17889	0.213336	0.633716	-1.57799	0.0375296	0.431698	-2.31643
cg09848324	PDCL2	0.0512651	0.0422692	0.753362	-1.32738	0.255172	0.866044	-1.15468	0.0309814	0.735934	-1.35882	0.00699592	0.655564	-1.5254	0.387009	0.898213	-1.11332
cg05338527	PDZRN4	0.051267	0.740506	1.08946	1.08946	0.0117981	0.444549	-2.24947	0.46742	1.21001	1.21001	0.0597115	0.578236	-1.7294	0.982093	1.0058	1.0058
cg09667013	WBP2NL	0.0512681	0.00413008	0.346837	-2.8832	0.078423	1.713	1.713	0.556284	0.848876	-1.17803	0.393695	1.27195	1.27195	0.44921	1.23654	1.23654
cg01498231	SPOCK2;SPOCK2	0.0512681	0.0574648	27.8264	27.8264	0.379648	4.03535	4.03535	0.055348	28.8491	28.8491	0.497613	2.90345	2.90345	0.0845511	19.1684	19.1684
cg18179002	IGF2BP1;IGF2BP1	0.0512689	0.224103	0.801086	-1.2483	0.0046378	1.92327	1.92327	0.894915	0.977311	-1.02322	0.46777	0.879584	-1.1369	0.184633	1.2768	1.2768
cg05797538	BBS2	0.0512695	0.803257	1.14402	1.14402	0.843531	1.1124	1.1124	0.28408	1.82182	1.82182	0.318321	0.573524	-1.7436	0.418383	1.56162	1.56162
cg12582028	OAZ3;MRPL9	0.0512704	0.0504408	0.213339	-4.68737	0.00963506	0.103289	-9.68156	0.149469	0.342705	-2.91796	0.331726	0.499636	-2.00146	0.0267562	0.162291	-6.16178
cg10444683	PRDM2;PRDM2	0.0512716	0.0821708	3.40944	3.40944	0.0191071	6.08891	6.08891	0.0505764	4.13311	4.13311	0.154655	2.63868	2.63868	0.0582838	3.90758	3.90758
cg06088745	IRX3	0.0512718	0.0505351	21.5008	21.5008	0.110822	10.9343	10.9343	0.158298	7.9764	7.9764	0.111489	10.8772	10.8772	0.0311995	32.4904	32.4904
cg24844785	ZNF862	0.0512735	0.543283	0.913275	-1.09496	0.00432573	0.569866	-1.7548	0.0660121	0.737795	-1.35539	0.392661	1.13782	1.13782	0.275464	0.845962	-1.18209
cg21928783	ZNF408	0.0512754	0.525802	1.10885	1.10885	0.107622	0.754116	-1.32606	0.0132906	1.63732	1.63732	0.795701	0.959156	-1.04258	0.226262	1.22656	1.22656
cg09919471	GAK	0.0512778	0.00299035	0.371774	-2.6898	0.597358	1.13828	1.13828	0.979934	0.993908	-1.00613	0.26735	1.32414	1.32414	0.0853175	0.629901	-1.58755
cg01100912	EFNA5	0.0512782	0.638327	1.50973	1.50973	0.210513	3.15194	3.15194	0.727248	1.35617	1.35617	0.658821	1.472	1.472	0.915763	0.912054	-1.09643
cg23685529	C17orf49;C17orf49;C17orf49	0.0512784	0.0117651	0.204719	-4.88475	0.263924	0.555979	-1.79863	0.573125	1.33243	1.33243	0.0982057	0.400795	-2.49504	0.745077	0.848353	-1.17875
cg03322974	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.0512786	0.00125261	0.121284	-8.24514	0.453501	0.710461	-1.40754	0.898658	0.944556	-1.0587	0.406822	0.683945	-1.4621	0.789453	0.887089	-1.12728
cg18059802	HIGD1C	0.0512798	0.0167457	0.391963	-2.55126	0.740625	0.898927	-1.11244	0.225	0.66447	-1.50496	0.99125	1.00352	1.00352	0.0278783	0.43452	-2.30139
cg07829003	CLPTM1	0.0512803	0.883686	1.01029	1.01029	0.663948	0.969904	-1.03103	0.0148935	0.811112	-1.23287	0.329611	0.932085	-1.07286	0.246382	0.918751	-1.08843
cg25245118	SPDYE4	0.0512815	0.0434748	0.334723	-2.98755	0.0264433	0.289245	-3.45728	0.117322	0.448508	-2.22961	0.155023	0.488051	-2.04897	0.0180685	0.258311	-3.8713
cg13372513	PTPRN2;PTPRN2;PTPRN2	0.0512834	0.0182118	0.567276	-1.76281	0.437667	0.855073	-1.16949	0.0467337	0.637436	-1.56878	0.305785	0.810828	-1.23331	0.433155	0.853698	-1.17137
cg00350371	NOP56;MIR1292;NOP56	0.0512844	0.0294474	0.686774	-1.45608	0.788398	0.96135	-1.0402	0.0934715	1.31039	1.31039	0.440003	0.891017	-1.12231	0.728978	1.05229	1.05229
cg24905248	LRPPRC	0.0512846	0.700307	0.796656	-1.25525	0.301129	1.87711	1.87711	0.572045	1.3988	1.3988	0.526034	1.45886	1.45886	0.04073	0.249427	-4.0092
cg19623519	C1orf229	0.0512853	0.601158	0.909941	-1.09897	0.0370066	0.648315	-1.54246	0.0379364	0.650108	-1.53821	0.223449	1.25718	1.25718	0.103067	0.726813	-1.37587
cg01430970	MYADML2	0.0512858	0.0375974	0.148002	-6.75669	0.0361028	0.145073	-6.89308	0.0100784	0.0763963	-13.0896	0.202475	0.344459	-2.9031	0.0134298	0.0885188	-11.297
cg12686407	PDGFD;PDGFD	0.051286	0.923031	0.987914	-1.01223	0.0144529	1.46115	1.46115	0.00947541	0.661247	-1.51229	0.574606	1.07396	1.07396	0.379073	1.12024	1.12024
cg21196201	SULT2B1;SULT2B1	0.0512868	0.0212024	0.303325	-3.29679	0.600955	1.25512	1.25512	0.448221	0.716912	-1.39487	0.109697	0.471961	-2.11882	0.0044593	0.195293	-5.12052
cg17427727	RAB3C	0.0512871	0.198262	0.847071	-1.18054	0.0124782	0.684248	-1.46146	0.679503	1.05202	1.05202	0.75146	1.03955	1.03955	0.0122845	0.683405	-1.46326
cg15139248	EXOSC10;EXOSC10	0.0512899	0.950859	0.982341	-1.01798	0.586869	1.17188	1.17188	0.0364048	2.02003	2.02003	0.594011	1.16828	1.16828	0.202786	1.47506	1.47506
cg09560912	NCOA3;NCOA3	0.05129	0.173778	1.38326	1.38326	0.103865	1.48992	1.48992	0.27956	1.28665	1.28665	0.061282	1.60443	1.60443	0.254615	1.30564	1.30564
cg10143146	COL11A2;RXRB;COL11A2;COL11A2;COL11A2	0.0512903	0.682972	0.862214	-1.1598	0.329601	1.43799	1.43799	0.0239113	2.64567	2.64567	0.213196	1.60525	1.60525	0.334027	0.697868	-1.43294
cg19342828	SYNPO2	0.0512932	0.117269	0.343956	-2.90735	0.782469	0.84062	-1.1896	0.282889	0.496626	-2.01359	0.0479226	4.13109	4.13109	0.0121512	0.140769	-7.10382
cg00353675	EP400NL	0.0513007	0.441499	1.13298	1.13298	0.238249	0.821589	-1.21715	0.125013	0.767847	-1.30234	0.0109122	1.66248	1.66248	0.013393	1.62782	1.62782
cg11108991	KCNMB3;KCNMB3	0.0513012	0.916173	0.967776	-1.0333	0.0590143	1.9412	1.9412	0.512155	1.22977	1.22977	0.204322	0.659201	-1.51699	0.00503321	0.315303	-3.17156
cg13580471	RNPC3	0.0513024	0.426181	1.12194	1.12194	0.0736704	1.32625	1.32625	0.096196	1.29522	1.29522	0.165191	0.810887	-1.23322	0.584033	0.924693	-1.08144
cg20782215	OSBP	0.0513026	0.0251003	0.251563	-3.97514	0.0153865	0.214292	-4.66653	0.730955	0.836283	-1.19577	0.824135	0.891111	-1.1222	0.0208078	0.23665	-4.22565
cg20396559	MAGI1;MAGI1;MAGI1	0.0513027	0.276133	0.537504	-1.86045	0.65898	0.783964	-1.27557	0.667359	0.789034	-1.26737	0.0724528	2.99951	2.99951	0.0735855	0.335161	-2.98364
cg07533176	GTF2IRD1;GTF2IRD1	0.0513043	0.973949	0.991756	-1.00831	0.485182	0.835438	-1.19698	0.92061	1.02559	1.02559	0.373824	1.26039	1.26039	0.00126741	0.303516	-3.29472
cg18914514	GREB1L	0.051305	0.0147955	0.601755	-1.66181	0.473927	1.13127	1.13127	0.299149	1.19991	1.19991	0.264154	1.21789	1.21789	0.00613552	0.545742	-1.83237
cg25157095	RIPK4	0.0513056	0.203603	1.49607	1.49607	0.297102	1.38337	1.38337	0.050007	0.511218	-1.95611	0.991402	0.99677	-1.00324	0.709995	0.893921	-1.11867
cg05894970	CDGAP	0.0513058	0.0237581	0.115162	-8.68339	0.0475825	0.162901	-6.13871	0.121536	0.260717	-3.83558	0.229933	0.364663	-2.74226	0.020833	0.10778	-9.27814
cg25772039	MMP17	0.0513063	0.626358	1.13561	1.13561	0.0011448	0.289592	-3.45314	0.661976	1.12077	1.12077	0.575575	1.1579	1.1579	0.422214	0.80857	-1.23675
cg07918726	SCRT1	0.0513073	0.819689	0.953587	-1.04867	0.164683	0.734504	-1.36146	0.26177	0.783813	-1.27582	0.229248	1.30033	1.30033	0.26235	0.784064	-1.27541
cg22174742	DAAM2	0.0513075	0.314807	0.78968	-1.26634	0.0511913	0.60386	-1.65601	0.313108	0.788979	-1.26746	0.764665	1.07058	1.07058	0.306091	0.786062	-1.27216
cg09283376	CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0513083	0.117155	0.822845	-1.2153	0.467995	0.918881	-1.08828	0.709251	0.957998	-1.04384	0.977896	0.996831	-1.00318	0.18419	0.850965	-1.17514
cg00514202	ZNF443	0.0513094	0.30577	1.17895	1.17895	0.0144237	1.59697	1.59697	0.875001	1.02474	1.02474	0.36558	0.865612	-1.15525	0.205149	1.23064	1.23064
cg19527799	ABCC9;ABCC9;ABCC9	0.0513096	0.0437082	0.551426	-1.81348	0.51379	1.1853	1.1853	0.813959	1.06239	1.06239	0.029585	0.518087	-1.93018	0.0103043	0.436089	-2.29311
cg04933438	WWOX	0.0513099	0.725663	0.924649	-1.08149	0.00188477	0.375402	-2.66381	0.0914651	0.661474	-1.51177	0.463226	0.847015	-1.18062	0.930673	0.980837	-1.01954
cg14003611	EVC2;EVC2	0.0513112	0.00189506	0.161098	-6.20741	0.428541	1.39825	1.39825	0.554459	1.28144	1.28144	0.585838	1.25634	1.25634	0.0634817	0.420845	-2.37617
cg09716613	N4BP2L1;N4BP2L1	0.0513121	0.0111875	0.216137	-4.62669	0.551553	0.748066	-1.33678	0.145898	0.4713	-2.12179	0.169854	0.494348	-2.02287	0.25116	1.78196	1.78196
cg22424405	ARHGAP29	0.0513143	0.550924	0.875163	-1.14264	0.167426	0.722372	-1.38433	0.279347	0.779927	-1.28217	0.00405593	0.426248	-2.34605	0.202811	0.742946	-1.34599
cg06877366	MAD1L1;MAD1L1;MAD1L1	0.051315	0.0857716	0.444306	-2.2507	0.869384	0.932105	-1.07284	0.462465	0.726473	-1.37651	0.433165	0.710557	-1.40735	0.00505403	0.205186	-4.87362
cg13620439	CLU;CLU;CLU	0.0513152	0.37994	0.829986	-1.20484	0.784576	0.944884	-1.05833	0.0172866	0.548837	-1.82203	0.611701	1.11173	1.11173	0.754171	0.937074	-1.06715
cg00976097	AHRR	0.0513174	0.20625	1.73988	1.73988	0.0429678	2.63147	2.63147	0.996278	1.00194	1.00194	0.212181	1.72614	1.72614	0.441555	1.38539	1.38539

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12927833	0.847838	1.05106	1.05106	0.872124	1.04265	1.04265	0.25558	0.73514	-1.36028	0.0445262	0.549856	-1.81866	3.35776	3.57416	0.946174	1
cg24216908	0.297471	0.538979	-1.85536	0.109333	0.368219	-2.71577	0.614637	0.747889	-1.3371	0.0248256	0.216836	-4.61177	3.35776	17.4141	4.60999	1
cg16181043	0.333938	0.476549	-2.09842	0.569279	0.65195	-1.53386	?	?	?	0.00388763	18.0226	18.0226	3.40689	26.5301	7.78719	1
cg08414605	0.22408	0.626578	-1.59597	0.19585	0.606124	-1.64983	0.660752	0.850738	-1.17545	0.242105	0.638827	-1.56537	3.35771	7.1246	1.8861	1
cg05991184	0.202275	0.704489	-1.41947	0.105014	0.630713	-1.58551	0.0994901	0.625136	-1.59965	0.0672072	0.586428	-1.70524	3.35769	3.60005	0.953048	1
cg06602926	0.0894578	0.446092	-2.24169	0.0878558	0.443915	-2.25268	0.02221	0.306737	-3.26012	0.399273	0.689343	-1.45066	3.35769	9.88326	2.61642	1
cg15955521	0.338671	0.577368	-1.732	0.0048217	0.124605	-8.02534	0.386971	0.610254	-1.63866	0.198835	0.46946	-2.13011	3.35768	16.4943	4.36659	1
cg15884905	0.274142	0.85151	-1.17439	0.00134484	1.93101	1.93101	0.404418	1.12808	1.12808	0.675567	0.942275	-1.06126	3.35766	1.06115	0.280924	1
cg13739417	0.795025	0.912633	-1.09573	0.00650843	0.288877	-3.46168	0.401658	0.739769	-1.35177	0.0108668	0.32531	-3.07399	3.35764	6.55707	1.73589	1
cg22791045	0.473601	1.13958	1.13958	0.253104	1.23859	1.23859	0.624875	0.915451	-1.09236	0.0172232	0.59438	-1.68243	3.3576	1.70884	0.452397	1
cg24125287	0.327351	0.549707	-1.81915	0.910918	1.06848	1.06848	0.632845	0.752142	-1.32954	0.912269	0.936858	-1.0674	3.35756	18.6235	4.93043	1
cg15190383	0.514228	0.838223	-1.193	0.581192	1.16027	1.16027	0.75507	0.9199	-1.08707	0.991797	0.997261	-1.00275	3.35751	3.78497	1.00206	1
cg03042802	0.115268	0.752451	-1.32899	0.265433	1.2126	1.2126	0.105993	1.34079	1.34079	0.243484	1.22471	1.22471	3.35751	1.46709	0.388407	1
cg02090742	0.0246626	1.46638	1.46638	0.249242	0.841721	-1.18804	0.0607281	1.35326	1.35326	0.141689	1.25368	1.25368	3.35748	1.0886	0.288207	1
cg20356482	0.279917	0.656824	-1.52248	0.250696	0.638171	-1.56698	0.268772	1.53883	1.53883	0.61961	0.829225	-1.20595	3.35748	7.44652	1.97146	1
cg16988976	0.0395133	0.666718	-1.49988	0.0184927	0.614854	-1.6264	0.408785	0.866035	-1.15469	0.159316	1.29182	1.29182	3.35744	1.54111	0.408011	1
cg25655069	0.635424	0.93576	-1.06865	0.778381	0.961536	-1.04	0.00808283	0.624027	-1.6025	0.471755	0.903243	-1.10712	3.35743	1.02769	0.272083	1
cg25170019	0.858697	1.04136	1.04136	0.546632	1.14881	1.14881	0.597251	1.12891	1.12891	0.0401725	1.71459	1.71459	3.35742	2.74984	0.728029	1
cg05471154	0.162225	0.791091	-1.26408	0.613581	0.923149	-1.08325	0.0500061	0.703992	-1.42047	0.0620013	1.39098	1.39098	3.35739	1.31138	0.347196	1
cg13464436	0.0987257	0.50737	-1.97095	0.0242691	0.365507	-2.73593	0.427896	0.738341	-1.35439	0.136671	0.548311	-1.82378	3.35733	7.46862	1.9774	1
cg26207503	0.471415	1.38316	1.38316	0.255858	0.591443	-1.69078	0.018919	3.52052	3.52052	0.0221258	3.36971	3.36971	3.35732	10.4247	2.76006	1
cg14538532	0.366943	0.810194	-1.23427	0.614298	1.12232	1.12232	0.0134361	2.00391	2.00391	0.372809	1.23094	1.23094	3.35729	2.74223	0.726042	1
cg00318573	0.915176	0.969731	-1.03121	0.0325241	2.05837	2.05837	0.0066108	2.76533	2.76533	0.362992	1.30959	1.30959	3.35726	4.42528	1.17166	1
cg07497428	0.0435292	0.607612	-1.64579	0.86919	0.96524	-1.03601	0.753864	0.934714	-1.06985	0.0208276	0.55041	-1.81683	3.35726	2.44976	0.648615	1
cg13627562	?	?	?	0.00721097	0.183217	-5.45802	0.198249	1.94534	1.94534	0.0221897	0.261371	-3.82598	3.40636	11.4852	3.3717	1
cg01648861	0.641806	1.08189	1.08189	0.11468	1.33409	1.33409	0.875344	0.973968	-1.02673	0.780185	0.95408	-1.04813	3.3572	1.50103	0.397429	1
cg17345480	0.0418025	0.632887	-1.58006	0.524704	0.881892	-1.13393	0.812061	1.04754	1.04754	0.0436233	1.57192	1.57192	3.35718	2.0213	0.535184	1
cg24094804	0.932407	1.01926	1.01926	0.152562	1.41141	1.41141	0.0811494	1.54472	1.54472	0.245628	1.31402	1.31402	3.35716	2.68909	0.712003	1
cg09809567	0.0731818	0.214182	-4.66892	0.0364104	0.153264	-6.52467	0.00676114	14.9905	14.9905	0.753255	1.27531	1.27531	3.35711	31.6206	8.37243	1
cg23504719	0.0625302	0.509368	-1.96322	0.0534856	0.493697	-2.02553	0.0235409	0.418776	-2.38791	0.575757	0.833645	-1.19955	3.35709	5.50677	1.45808	1
cg23225147	0.099345	0.632711	-1.5805	0.0153482	0.470497	-2.12541	0.0156149	0.471811	-2.11949	0.509167	0.843932	-1.18493	3.35706	3.41368	0.90388	1
cg07219710	0.0944591	0.733565	-1.3632	0.0534648	1.44731	1.44731	0.0181753	1.62156	1.62156	0.0518369	1.452	1.452	3.35706	1.51045	0.39994	1
cg17386977	0.44316	1.12714	1.12714	0.0862092	1.33666	1.33666	0.159407	0.794399	-1.25881	0.119005	0.771822	-1.29563	3.35705	1.24579	0.329864	1
cg17543804	0.111635	1.82889	1.82889	0.161348	1.68398	1.68398	0.532998	1.24609	1.24609	0.556154	1.23049	1.23049	3.35704	6.45459	1.70907	1
cg01059913	0.0121044	8.79287	8.79287	0.279538	0.457815	-2.18429	0.0225886	6.67048	6.67048	0.685247	1.32736	1.32736	3.35704	25.6794	6.79948	1
cg27013455	0.0384042	0.594349	-1.68251	0.0893905	1.50111	1.50111	0.115996	1.44847	1.44847	0.2755	1.27895	1.27895	3.35704	2.50089	0.662195	1
cg02977157	0.25233	1.05273	1.05273	0.354078	1.04182	1.04182	0.0366245	1.10999	1.10999	0.436181	0.966441	-1.03472	3.35703	0.0981745	0.025995	1
cg16657448	0.853484	0.980593	-1.01979	0.0679014	0.805111	-1.24206	0.108504	0.830608	-1.20394	0.0385818	1.28919	1.28919	3.35702	0.59752	0.158214	1
cg11374355	0.146989	0.36455	-2.74311	0.0143295	0.141181	-7.0831	0.0574673	0.248312	-4.02719	0.349497	0.535574	-1.86715	3.35697	22.3496	5.91793	1
cg05996236	0.00572524	0.454079	-2.20226	0.0721651	0.645736	-1.54862	0.446814	1.1841	1.1841	0.379108	1.21731	1.21731	3.35694	2.52514	0.668634	1
cg20347893	0.14012	1.76488	1.76488	0.0083598	3.3401	3.3401	0.0139586	2.96436	2.96436	0.120241	1.82795	1.82795	3.35687	6.80963	1.80317	1
cg04890607	0.552986	1.3802	1.3802	0.3634	1.6512	1.6512	0.246962	0.522068	-1.91546	0.00118656	0.0779017	-12.8367	3.35685	15.3247	4.05795	1
cg11641391	0.0417352	0.373705	-2.67591	0.318072	0.648725	-1.54149	0.394437	0.693666	-1.44162	0.120311	0.493317	-2.02709	3.35682	9.34853	2.4755	1
cg11148246	0.293223	0.450849	-2.21804	0.0783984	0.239681	-4.17222	0.0145682	0.110987	-9.01005	0.129253	0.301908	-3.31226	3.35674	28.3781	7.51473	1
cg13420803	0.379115	1.50469	1.50469	0.535326	0.752566	-1.32879	0.792001	1.12714	1.12714	0.107039	0.45083	-2.21813	3.35673	10.901	2.88666	1
cg15183991	0.228146	0.683755	-1.46251	0.24319	0.6928	-1.44342	0.0696741	0.543507	-1.8399	0.939129	1.02322	1.02322	3.35672	4.80166	1.27152	1
cg25089142	0.0184408	0.0466472	-21.4375	0.382781	2.61082	2.61082	0.126791	5.87547	5.87547	0.230135	3.85716	3.85716	3.3567	61.117	16.1844	1
cg00159764	0.0372695	0.442084	-2.26201	0.326273	0.710212	-1.40803	0.340328	0.717646	-1.39344	0.10158	0.545975	-1.83159	3.35667	6.06017	1.60481	1
cg17535691	0.222669	0.267468	-3.73877	0.65031	0.625217	-1.59945	0.254637	3.40091	3.40091	0.0233438	16.2609	16.2609	3.35663	56.2999	14.9091	1
cg11684142	0.113919	1.56541	1.56541	0.00887884	2.38154	2.38154	0.0421847	1.84027	1.84027	0.0548659	1.76364	1.76364	3.3566	3.60969	0.955912	1
cg09131629	0.741945	0.945005	-1.05819	0.00309468	0.482328	-2.07328	0.0578222	0.68791	-1.45368	0.867342	0.971799	-1.02902	3.63988	1.65195	0.352993	1
cg23209519	0.314316	2.35512	2.35512	0.0939118	4.55516	4.55516	0.149543	3.56802	3.56802	0.998741	0.998702	-1.0013	3.40571	32.4902	9.53992	1
cg06238055	0.133366	3.23629	3.23629	0.0381632	0.175008	-5.71401	0.413872	1.83288	1.83288	0.404582	1.8563	1.8563	3.35657	27.9696	7.40692	1
cg21526004	0.462192	1.13936	1.13936	0.967247	1.00718	1.00718	0.814428	0.959843	-1.04184	0.82286	1.03986	1.03986	3.35654	1.61531	0.42777	1
cg19246080	0.152027	0.511488	-1.95508	0.402393	1.45413	1.45413	0.993682	1.00347	1.00347	0.756928	0.873153	-1.14527	3.3565	10.147	2.6872	1
cg02520729	0.190666	0.641365	-1.55917	0.164611	1.60838	1.60838	0.808826	1.08079	1.08079	0.606724	1.18108	1.18108	3.3565	5.46126	1.44628	1
cg22598744	0.0652631	0.316703	-3.15753	0.0071031	0.144826	-6.90485	0.134852	0.408362	-2.44881	0.128044	0.400888	-2.49446	3.35649	16.409	4.34554	1
cg06409176	0.562952	1.51174	1.51174	0.0649268	0.231166	-4.3259	0.308857	0.475112	-2.10477	0.987976	0.989408	-1.01071	3.35647	26.5427	7.02925	1
cg05054438	0.283443	0.563377	-1.77501	0.491812	0.698025	-1.43261	0.30208	0.576672	-1.73409	0.0305525	0.27021	-3.70082	3.35646	14.0933	3.73233	1
cg13100118	0.0312637	0.137292	-7.28373	0.0588368	0.186973	-5.34836	0.635702	0.687315	-1.45494	0.139964	0.287133	-3.48271	3.35646	32.821	8.69198	1
cg24184350	0.403549	0.771481	-1.29621	0.428859	1.2778	1.2778	0.00603639	0.336654	-2.97041	0.798673	1.08067	1.08067	3.3564	4.89725	1.29696	1
cg19217214	0.0744963	2.24889	2.24889	0.0563497	2.41408	2.41408	0.105909	2.05507	2.05507	0.182693	1.78024	1.78024	3.35639	8.84291	2.34191	1
cg06454283	0.186446	1.36181	1.36181	0.841328	0.956767	-1.04519	0.00439622	0.432365	-2.31286	0.239567	0.762208	-1.31198	3.35639	2.58423	0.684396	1
cg22404481	0.618373	1.05415	1.05415	0.00305784	1.53108	1.53108	0.939245	1.00804	1.00804	0.123311	0.839205	-1.1916	3.35638	0.586197	0.155246	1
cg22594309	0.0550015	0.507262	-1.97137	0.00320247	0.285032	-3.50837	0.85479	0.944456	-1.05881	0.323037	0.727305	-1.37494	3.35635	5.17237	1.36984	1
cg00047338	0.0425673	0.651895	-1.53399	0.154721	1.32194	1.32194	0.91037	0.979576	-1.02085	0.405667	0.85565	-1.1687	3.35629	1.78487	0.472711	1
cg22957142	0.868046	0.968856	-1.03214	0.00103043	2.5226	2.5226	0.907788	1.02229	1.02229	0.945949	0.987182	-1.01298	3.35628	1.92451	0.509694	1
cg22736280	0.0481366	0.70769	-1.41305	0.427187	0.883291	-1.13213	0.0668943	1.3695	1.3695	0.0580356	1.38815	1.38815	3.35627	1.2456	0.32989	1
cg12772418	0.553095	1.31441	1.31441	0.0201617	0.27892	-3.58526	0.0362733	0.329809	-3.03206	0.753801	0.866445	-1.15414	3.35626	11.0357	2.92274	1
cg20987431	0.569857	0.820967	-1.21808	0.00597756	0.291026	-3.43612	0.00818131	0.312736	-3.19759	0.553742	0.81403	-1.22846	3.35623	6.27176	1.66106	1
cg01326018	0.0107226	0.185447	-5.39236	0.304801	0.572125	-1.74787	0.467914	0.678348	-1.47417	0.058148	0.324599	-3.08072	3.35621	14.6764	3.88704	1
cg07621610	0.913622	1.01983	1.01983	0.0133303	0.574137	-1.74175	0.714522	0.935672	-1.06875	0.828874	1.03995	1.03995	3.35621	1.74115	0.461143	1
cg11209892	0.816203	0.946681	-1.05632	0.524121	0.859055	-1.16407	0.824378	0.949038	-1.0537	0.94282	1.01702	1.01702	3.3562	2.94388	0.779687	1
cg08783219	0.173012	1.35467	1.35467	0.0453393	1.61709	1.61709	0.427182	1.18498	1.18498	0.632158	0.903964	-1.10624	3.3562	2.32963	0.617003	1
cg14411375	0.590285	1.32337	1.32337	0.00824062	5.70796	5.70796	0.979644	0.986935	-1.01324	0.730833	0.836937	-1.19483	3.35617	14.123	3.7405	1
cg21146187	0.152888	0.514379	-1.94409	0.0137002	0.266131	-3.75755	0.336358	0.650199	-1.53799	0.0332325	0.339301	-2.94723	3.35616	10.024	2.6549	1
cg18808777	0.869835	1.04653	1.04653	0.0429308	0.524087	-1.90808	0.395193	0.785453	-1.27315	0.0747519	0.576679	-1.73407	3.35614	4.08812	1.08276	1
cg14953026	0.0732834	0.684954	-1.45995	0.034397	1.59599	1.59599	0.00969347	1.85894	1.85894	0.450603	1.15678	1.15678	3.35613	1.90794	0.505328	1
cg23220346	0.528824	1.69927	1.69927	0.140477	3.73454	3.73454	0.0158667	11.6456	11.6456	0.0472596	6.59508	6.59508	3.35611	36.7018	9.72073	1
cg08389266	0.133694	0.425182	-2.35193	0.015317	0.207227	-4.82563	0.439446	0.659079	-1.51727	0.466454	0.675815	-1.4797	3.35609	14.8591	3.93556	1
cg24497686	0.123162	0.559147	-1.78844	0.00331795	0.248596	-4.0226	0.641908	1.17706	1.17706	0.330159	0.704839	-1.41876	3.35607	6.4402	1.70575	1
cg09848324	0.312987	1.13467	1.13467	0.213927	1.17166	1.17166	0.9099	1.0138	1.0138	0.361492	0.892652	-1.12026	3.35603	0.779001	0.206329	1
cg05338527	0.139093	0.663364	-1.50747	0.0362404	1.87338	1.87338	0.810523	1.06388	1.06388	0.0981625	0.626468	-1.59625	3.35598	3.53245	0.93563	1
cg09667013	0.16463	0.664848	-1.5041	0.108034	0.617068	-1.62057	0.903089	0.967019	-1.03411	0.231343	0.707755	-1.41292	3.35596	4.02904	1.06717	1
cg01498231	0.448107	3.30923	3.30923	0.00351914	457.579	457.579	0.278289	0.174628	-5.72646	0.0859164	18.8728	18.8728	3.35596	127.357	33.7329	1
cg18179002	0.155876	1.30169	1.30169	0.0524957	0.681885	-1.46652	0.69587	0.934053	-1.0706	0.859015	0.969595	-1.03136	3.35594	1.60294	0.424572	1
cg05797538	0.642477	0.777246	-1.28659	0.00172754	0.0898491	-11.1298	0.0702673	0.335981	-2.97636	0.73723	0.834008	-1.19903	3.35592	15.4424	4.09026	1
cg12582028	0.0540255	0.219735	-4.55093	0.0161446	0.130114	-7.6856	0.0424894	0.19816	-5.04642	0.257736	0.441169	-2.26671	3.3559	25.5169	6.75875	1
cg10444683	0.287099	0.494595	-2.02186	0.0489781	4.18593	4.18593	0.0625421	3.79997	3.79997	0.409706	0.584498	-1.71087	3.35587	21.5612	5.71103	1
cg06088745	0.0283002	35.3325	35.3325	0.0106713	83.0303	83.0303	0.0152951	60.3235	60.3235	0.158588	7.96329	7.96329	3.35586	100.746	26.6852	1
cg24844785	0.11643	1.28599	1.28599	0.186336	1.22945	1.22945	0.567068	0.918233	-1.08905	0.528777	0.910202	-1.09866	3.35582	1.15544	0.306051	1
cg21928783	0.86894	1.0269	1.0269	0.112643	1.31991	1.31991	0.727544	0.945337	-1.05782	0.00856599	1.71431	1.71431	3.35577	1.37287	0.363651	1
cg09919471	0.0850768	0.62963	-1.58823	0.231855	0.73736	-1.35619	0.619717	1.12925	1.12925	0.160342	0.694592	-1.43969	3.35571	3.13771	0.831141	1
cg01100912	0.31507	2.46914	2.46914	0.444714	1.96971	1.96971	0.00070709	89.1483	89.1483	0.907043	1.10698	1.10698	3.3557	40.2338	10.6575	1
cg23685529	0.683726	1.22933	1.22933	0.012618	0.209438	-4.77468	0.196728	1.98977	1.98977	0.323959	1.67115	1.67115	3.3557	13.5051	3.57735	1
cg03322974	0.976685	0.987002	-1.01317	0.130701	0.481604	-2.0764	0.816722	1.10952	1.10952	0.204358	1.82141	1.82141	3.35569	10.6511	2.82137	1
cg18059802	0.781142	0.914539	-1.09345	0.482251	0.795264	-1.25744	0.84167	1.06625	1.06625	0.0034801	0.280306	-3.56753	3.35566	5.46778	1.44837	1
cg07829003	0.0553936	0.859165	-1.16392	0.0192487	0.820419	-1.21889	0.0696133	1.15241	1.15241	0.520891	1.04654	1.04654	3.35565	0.259707	0.0687947	1
cg25245118	0.0664741	0.379048	-2.63819	0.0357182	0.315994	-3.16462	0.010903	0.221707	-4.51046	0.248831	0.566556	-1.76505	3.35562	11.808	3.12788	1
cg13372513	0.396124	0.842104	-1.1875	0.0102388	1.89667	1.89667	0.838552	1.04117	1.04117	0.563981	0.891057	-1.12226	3.35557	2.07844	0.550577	1
cg00350371	0.500368	1.10543	1.10543	0.0592649	0.731965	-1.36619	0.194824	0.817962	-1.22255	0.0195117	1.51231	1.51231	3.35555	1.141	0.302252	1
cg24905248	0.0284133	0.218614	-4.57428	0.0205241	0.193879	-5.15786	0.480481	1.52432	1.52432	0.0339336	0.233322	-4.28592	3.35554	18.361	4.86385	1
cg19623519	0.328579	1.19774	1.19774	0.0307787	1.57447	1.57447	0.45649	0.873107	-1.14534	0.198669	0.784234	-1.27513	3.35553	1.70153	0.45074	1
cg01430970	0.143666	0.288102	-3.47099	0.362546	0.476526	-2.09852	0.196876	0.339378	-2.94657	0.0266238	0.124799	-8.01286	3.35551	33.3389	8.83161	1
cg12686407	0.110781	1.24436	1.24436	0.4367	1.10499	1.10499	0.156105	1.21035	1.21035	0.530486	1.08323	1.08323	3.35551	0.841326	0.222871	1
cg21196201	0.371676	1.48431	1.48431	0.819948	1.10315	1.10315	0.0894294	0.446483	-2.23972	0.320158	0.642541	-1.55632	3.35549	9.85322	2.61018	1
cg17427727	0.472848	0.914732	-1.09322	0.01862	0.705955	-1.41652	0.420403	0.904403	-1.1057	0.411291	1.108	1.108	3.35548	0.791835	0.209762	1
cg15139248	0.0100161	2.55958	2.55958	0.250892	1.41455	1.41455	0.0133815	2.42441	2.42441	0.0155892	2.3568	2.3568	3.35541	4.44106	1.17649	1
cg09560912	0.0247362	1.82106	1.82106	0.0219721	0.540037	-1.85173	0.273615	1.29102	1.29102	0.434999	0.836456	-1.19552	3.35541	2.67132	0.707666	1
cg10143146	0.02349	0.376455	-2.65636	0.0578941	0.461135	-2.16856	0.265062	0.657476	-1.52097	0.290217	1.48631	1.48631	3.3554	6.92684	1.83501	1
cg19342828	0.0542394	0.254028	-3.93658	0.143289	0.372829	-2.68219	0.138333	0.367554	-2.72069	0.0849383	0.302714	-3.30345	3.35533	20.91	5.53944	1
cg00353675	0.889076	1.02245	1.02245	0.20221	1.23887	1.23887	0.72274	1.05831	1.05831	0.449654	0.884662	-1.13038	3.35514	1.34474	0.356265	1
cg11108991	0.700036	0.886532	-1.12799	0.0383965	0.474089	-2.10931	0.415881	0.772054	-1.29525	0.305413	0.71881	-1.39119	3.35513	5.14293	1.36254	1
cg13580471	0.911152	0.984318	-1.01593	0.101532	0.7758	-1.28899	0.0129632	0.646171	-1.54758	0.0975264	0.773015	-1.29364	3.3551	1.0655	0.282291	1
cg20782215	0.188902	0.486281	-2.05642	0.0261904	0.25506	-3.92065	0.340141	1.66396	1.66396	0.215496	0.509027	-1.96453	3.35509	14.2563	3.77703	1
cg20396559	0.753901	1.18809	1.18809	0.00878986	0.16064	-6.22508	0.0589849	3.21751	3.21751	0.354852	0.593563	-1.68474	3.35509	15.9585	4.228	1
cg07533176	0.525066	1.17735	1.17735	0.229978	1.37613	1.37613	0.572768	0.865485	-1.15542	0.464406	0.827984	-1.20775	3.35505	3.41463	0.904674	1
cg18914514	0.903064	1.02085	1.02085	0.872023	0.973066	-1.02768	0.365851	1.1704	1.1704	0.735097	1.0592	1.0592	3.35503	1.52407	0.403789	1
cg25157095	0.343416	1.34046	1.34046	0.0170355	2.39486	2.39486	0.0480457	1.97075	1.97075	0.0257925	2.21387	2.21387	3.35502	4.78888	1.26878	1
cg05894970	0.135249	0.275418	-3.63085	0.0148906	0.0908547	-11.0066	0.027535	0.124016	-8.06345	0.0455162	0.159344	-6.27575	3.35501	34.0801	9.02931	1
cg25772039	0.595896	0.870472	-1.1488	0.426424	1.23428	1.23428	0.431416	1.23137	1.23137	0.537471	0.850584	-1.17566	3.355	3.56952	0.945723	1
cg07918726	0.754063	0.936677	-1.0676	0.00249398	0.41701	-2.39802	0.0398352	0.609808	-1.63986	0.62577	1.10772	1.10772	3.35498	2.30219	0.609957	1
cg22174742	0.969893	1.00861	1.00861	0.0311465	1.77641	1.77641	0.115091	1.47581	1.47581	0.0187127	1.91038	1.91038	3.35497	2.74205	0.726497	1
cg09283376	0.859338	1.02053	1.02053	0.000942544	0.568312	-1.7596	0.192241	0.85374	-1.17132	0.689808	0.955079	-1.04703	3.35495	0.697396	0.184774	1
cg00514202	0.21585	0.816921	-1.22411	0.351773	1.1604	1.1604	0.330123	1.16884	1.16884	0.00532193	1.7684	1.7684	3.35493	1.28058	0.339291	1
cg19527799	0.4887	0.834786	-1.19791	0.129045	1.52364	1.52364	0.578724	1.15488	1.15488	0.186327	0.697895	-1.43288	3.35492	3.50212	0.927889	1
cg04933438	0.428535	1.19689	1.19689	0.174459	1.37881	1.37881	0.222347	0.751877	-1.33	0.534108	0.869336	-1.1503	3.35491	2.62745	0.696146	1
cg14003611	0.546508	1.28801	1.28801	0.533073	1.29933	1.29933	0.482821	0.74392	-1.34423	0.534123	0.770159	-1.29843	3.35488	9.14033	2.42177	1
cg09716613	0.0463587	0.333012	-3.00289	0.0125509	0.224027	-4.46375	0.0801507	0.392423	-2.54827	0.217908	0.535511	-1.86738	3.35486	12.3363	3.26856	1
cg22424405	0.0399133	0.591631	-1.69024	0.76454	1.06864	1.06864	0.261487	0.771987	-1.29536	0.0110341	0.494325	-2.02296	3.3548	2.59502	0.687578	1
cg06877366	0.00548958	0.210175	-4.75795	0.86405	0.929402	-1.07596	0.0951461	0.456849	-2.18891	0.698422	0.846762	-1.18097	3.35478	9.69768	2.56951	1
cg13620439	0.981277	1.00487	1.00487	0.101227	1.44963	1.44963	0.00716626	2.05101	2.05101	0.440686	0.84986	-1.17666	3.35478	2.27441	0.602633	1
cg00976097	0.411477	1.41744	1.41744	0.00250837	5.71892	5.71892	0.018663	3.2686	3.2686	0.154023	1.88499	1.88499	3.35473	9.1682	2.42926	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11652360	COL11A2;COL11A2;COL11A2;COL11A2;COL11A2;COL11A2;COL11A2;COL11A2	0.0513215	0.0684297	0.486312	-2.05629	0.0153441	2.86214	2.86214	0.0416858	2.29273	2.29273	0.726659	1.13204	1.13204	0.186543	0.609675	-1.64022
cg14894216	CATSPER1	0.0513217	0.400706	1.68142	1.68142	0.800638	0.858254	-1.16516	0.12464	0.366302	-2.72999	0.204409	0.445293	-2.24571	0.00985561	0.139407	-7.17322
cg22188495	PRICKLE1	0.051322	0.366284	0.867819	-1.15231	0.0112683	1.62396	1.62396	0.0163387	0.638652	-1.5658	0.893413	1.02069	1.02069	0.266445	0.8379	-1.19346
cg22494035	CCDC33	0.0513232	0.633741	0.876411	-1.14102	0.561872	0.851134	-1.1749	0.115379	0.624736	-1.60068	0.126129	1.57587	1.57587	0.762791	0.920176	-1.08675
cg02869559	RUNX1;RUNX1;RUNX1	0.0513235	0.0294072	1.40792	1.40792	0.0708301	1.30891	1.30891	0.404771	0.892539	-1.1204	0.111443	1.26014	1.26014	0.794099	1.0355	1.0355
cg16381688	ACOT13;TTRAP;ACOT13	0.0513235	0.124156	0.45557	-2.19505	0.649133	0.8055	-1.24146	0.583557	0.769957	-1.29877	0.918625	0.95289	-1.04944	0.00844817	0.204346	-4.89367
cg25426563	SLC38A10;SLC38A10	0.051324	0.827687	0.949486	-1.0532	0.0401994	1.75712	1.75712	0.411051	0.81883	-1.22125	0.829309	1.05268	1.05268	0.0186073	0.507427	-1.97073
cg12785082	CUX1;CUX1;CUX1	0.0513241	0.0323467	0.278511	-3.59052	0.177239	0.481145	-2.07838	0.0181584	0.231465	-4.32031	0.135115	0.439686	-2.27435	0.0229688	0.249669	-4.0053
cg22132013	THRB;THRB;THRB	0.0513245	0.0261859	1.94178	1.94178	0.946706	1.01696	1.01696	0.601436	0.87583	-1.14177	0.774822	1.07482	1.07482	0.0173002	2.07378	2.07378
cg15533222	ABHD3	0.0513254	0.362075	0.448944	-2.22745	0.599998	0.636132	-1.572	0.294409	0.39469	-2.53363	?	?	?	0.368723	0.454194	-2.2017
cg01089602	F7;F7	0.0513256	0.0488564	0.504336	-1.9828	0.233257	0.683638	-1.46276	0.553743	0.833367	-1.19995	0.515465	0.818178	-1.22223	0.122475	0.600911	-1.66414
cg07289333	CRADD	0.0513273	0.180658	1.21317	1.21317	0.151595	1.23227	1.23227	0.00316082	1.73022	1.73022	0.452419	0.901169	-1.10967	0.985557	0.997542	-1.00246
cg05048372	PHLPP1	0.0513277	0.0690725	4.47306	4.47306	0.683833	1.34516	1.34516	0.0121528	0.0960187	-10.4146	0.0178255	8.5875	8.5875	?	?	?
cg11672772	HK2	0.051328	0.0145079	0.556046	-1.79841	0.846226	1.03856	1.03856	0.284724	0.805285	-1.2418	0.185721	0.760744	-1.3145	0.0995799	0.703446	-1.42157
cg11748640	RPL36;RPL36	0.0513285	0.0179945	0.260655	-3.83649	0.91738	1.04974	1.04974	0.129566	2.15133	2.15133	0.812809	0.894965	-1.11736	0.174382	0.508712	-1.96575
cg16360432	TRPV6	0.0513307	0.00841524	0.238986	-4.18434	0.0497128	2.5912	2.5912	0.193003	1.79664	1.79664	0.552454	0.77444	-1.29126	0.635799	1.22495	1.22495
cg06486098	FLJ32810	0.0513309	0.136318	0.532971	-1.87627	0.00993771	0.278962	-3.58472	0.00794134	0.263291	-3.79808	0.253194	0.626323	-1.59662	0.166918	0.561166	-1.782
cg27332337	SYCP1;SYCP1	0.0513326	0.0150926	3.05466	3.05466	0.169402	1.72873	1.72873	0.245621	0.635025	-1.57474	0.263186	1.54679	1.54679	0.338005	0.691195	-1.44677
cg15146834	PPP1R14C	0.0513327	0.776058	0.939605	-1.06428	0.00836697	2.08744	2.08744	0.903159	1.02694	1.02694	0.1056	0.679657	-1.47133	0.285295	1.27433	1.27433
cg16609941	COPB2;COPB2	0.0513346	0.0703814	0.845727	-1.18241	0.659455	1.03742	1.03742	0.212848	0.897002	-1.11482	0.156966	0.882135	-1.13361	0.0165094	1.27464	1.27464
cg18993113	SBF2	0.0513369	0.0775479	0.383517	-2.60745	0.0247424	0.270933	-3.69094	0.0562119	0.347757	-2.87557	0.645901	0.797728	-1.25356	0.0312571	0.29099	-3.43654
cg21018522	ATP5L;ATP5L	0.0513381	0.560682	1.06845	1.06845	0.298169	0.885706	-1.12904	0.106926	1.21906	1.21906	0.400241	0.907638	-1.10176	0.0887919	0.809562	-1.23524
cg02532577	POU4F1	0.0513393	0.120889	2.91117	2.91117	0.239369	2.18746	2.18746	0.640503	0.741711	-1.34823	0.220725	2.26571	2.26571	0.849779	1.12801	1.12801
cg00472520	FLJ90757	0.0513396	0.414283	0.710947	-1.40657	0.0379897	2.67365	2.67365	0.0316307	2.80127	2.80127	0.955631	1.02301	1.02301	0.0142872	0.290795	-3.43884
cg08524514	OGDHL;OGDHL;OGDHL	0.0513403	0.56949	0.880313	-1.13596	0.142643	1.41827	1.41827	0.322506	1.25435	1.25435	0.0374226	1.70838	1.70838	0.838405	1.04632	1.04632
cg03307911	CYP24A1;CYP24A1	0.0513405	0.318514	1.71774	1.71774	0.652895	1.26816	1.26816	0.223084	0.510793	-1.95774	0.760708	1.17385	1.17385	0.653614	1.26748	1.26748
cg22830638	SFXN5	0.0513417	0.0368554	0.39557	-2.528	0.446411	1.34564	1.34564	0.0815126	0.477806	-2.0929	0.232389	0.619372	-1.61454	0.0165902	0.326539	-3.06242
cg02941859	GATS;GATS;GATS;GATS;GATS	0.051342	0.225086	1.15148	1.15148	0.0353072	1.31174	1.31174	0.0715579	1.24951	1.24951	0.0444418	1.29114	1.29114	0.104394	1.21715	1.21715
cg21290290	C1orf93;C1orf93	0.0513433	0.182553	0.763638	-1.30952	0.0938024	1.42086	1.42086	0.343875	1.20427	1.20427	0.27874	1.23948	1.23948	0.569158	1.11592	1.11592
cg15623552	C7orf50;C7orf50;C7orf50	0.0513434	0.868832	0.975936	-1.02466	0.0283507	1.46439	1.46439	0.535428	1.09691	1.09691	0.970038	0.99448	-1.00555	0.0620317	1.36296	1.36296
cg03095103	VAV2;VAV2	0.0513437	0.0164478	0.208526	-4.79557	0.0418501	0.285251	-3.50568	0.0348871	0.268502	-3.72437	0.158836	0.446908	-2.2376	0.0529	0.308334	-3.24324
cg08894960	MTR	0.051345	0.661542	1.07947	1.07947	0.12608	1.33284	1.33284	0.592974	1.09819	1.09819	0.0394062	1.51233	1.51233	0.0283064	1.56743	1.56743
cg04014586	KIF26B	0.0513457	0.053514	2.00481	2.00481	0.0131948	2.64995	2.64995	0.0393441	2.13004	2.13004	0.0324595	2.21248	2.21248	0.421691	0.770788	-1.29737
cg10103446	PIGK	0.051346	0.00771046	0.505989	-1.97633	0.554853	0.887928	-1.12622	0.209884	0.768761	-1.3008	0.442576	0.855726	-1.1686	0.929111	0.982449	-1.01787
cg01052864	CCDC127	0.0513466	0.271626	1.46437	1.46437	0.42153	1.31478	1.31478	0.442216	1.29844	1.29844	0.656939	1.16066	1.16066	0.1814	0.623208	-1.6046
cg15680620	ANKRD45	0.0513475	0.964853	0.990691	-1.0094	0.146887	0.718619	-1.39156	0.3455	0.813664	-1.22901	0.026402	1.74851	1.74851	0.617635	0.898689	-1.11273
cg15108553	RNF13;RNF13	0.0513514	0.0612206	0.356639	-2.80395	0.922404	0.953492	-1.04878	0.124215	0.443217	-2.25623	0.234142	1.83979	1.83979	0.00267103	0.131352	-7.61315
cg03734402	RNF207	0.0513516	0.510654	0.726012	-1.37739	0.265835	1.74438	1.74438	0.00393658	6.43366	6.43366	0.191127	1.94294	1.94294	0.881265	0.930788	-1.07436
cg01750716	SGCZ	0.0513519	0.565052	0.710303	-1.40785	0.066442	0.298035	-3.35531	0.0117544	0.157107	-6.36509	0.149058	0.402525	-2.48431	0.00565256	0.118178	-8.46184
cg25825506	DLX6AS	0.0513522	0.105783	2.44402	2.44402	0.00291738	7.91371	7.91371	0.290139	1.74246	1.74246	0.0576779	2.96124	2.96124	0.0294593	3.65805	3.65805
cg19024197	MIR1-1;C20orf166	0.0513532	0.164009	0.698581	-1.43147	0.309254	0.775564	-1.28938	0.648407	1.11727	1.11727	0.045914	1.73784	1.73784	0.0162374	0.491628	-2.03406
cg09380636	FEM1A;FEM1A	0.0513539	0.430801	1.10435	1.10435	0.027323	0.724461	-1.38034	0.106376	0.804401	-1.24316	0.465966	0.912485	-1.09591	0.0236316	0.716368	-1.39593
cg05038881	APITD1;APITD1;APITD1	0.0513545	0.0838792	0.323071	-3.0953	0.00908619	0.141133	-7.0855	0.0400407	0.246181	-4.06206	0.827774	1.13735	1.13735	0.136825	0.388038	-2.57707
cg06883934	ARSF	0.0513551	0.0498085	0.381823	-2.61901	0.0361911	0.350575	-2.85246	0.0943382	0.453222	-2.20643	0.454433	1.38803	1.38803	0.0118673	0.258836	-3.86345
cg12097945	RNF141;RNF141	0.0513562	0.709657	1.34577	1.34577	0.0896361	4.65429	4.65429	0.129313	3.80634	3.80634	?	?	?	0.0110721	0.0636486	-15.7113
cg12748948	USP48;USP48	0.0513596	0.0218961	0.391239	-2.55598	0.0508435	0.468081	-2.13638	0.0283217	0.413397	-2.41898	0.343762	0.71692	-1.39486	0.0219775	0.391551	-2.55395
cg01577933	GRIK3	0.0513603	0.0196211	0.235624	-4.24404	0.672544	1.24353	1.24353	0.432378	0.66312	-1.50802	0.275415	0.558926	-1.78915	0.0584319	0.334112	-2.99301
cg01466121	CASP8;CASP8;CASP8;CASP8;CASP8;CASP8	0.0513622	0.016961	0.321121	-3.11409	0.815379	1.09554	1.09554	0.34446	0.68394	-1.46212	0.988298	0.994295	-1.00574	0.0111296	0.288946	-3.46086
cg05656812	DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1	0.0513629	0.0366335	0.34092	-2.93324	0.262496	0.595868	-1.67822	0.0497802	0.370952	-2.69577	0.206606	0.554161	-1.80453	0.00705497	0.213695	-4.67957
cg04294331	EGFL8	0.0513629	0.474891	0.862371	-1.15959	0.136487	0.72116	-1.38665	0.0754766	1.49665	1.49665	0.312437	0.808223	-1.23728	0.0172607	0.553733	-1.80593
cg18951187	PKM2;PKM2;PKM2	0.0513638	0.0210294	0.603801	-1.65618	0.071908	1.44077	1.44077	0.8731	1.02948	1.02948	0.192443	0.778216	-1.28499	0.424593	0.862243	-1.15977
cg18386867	SOS1	0.0513641	0.908078	1.01567	1.01567	0.0307184	0.710559	-1.40734	0.24187	1.1793	1.1793	0.30317	1.15441	1.15441	0.192774	0.830621	-1.20392
cg20413202	RBP7	0.0513644	0.596137	1.18945	1.18945	0.238007	1.49321	1.49321	0.351051	0.732472	-1.36524	0.459751	1.27654	1.27654	0.00654345	0.317938	-3.14527
cg02843417	IRF8	0.0513654	0.876696	0.972552	-1.02822	0.507166	0.886372	-1.12819	0.0452731	0.662536	-1.50935	0.532445	0.892846	-1.12001	0.183775	1.28758	1.28758
cg02726501	CACNG7	0.051366	0.927434	1.02125	1.02125	0.138411	1.44527	1.44527	0.976366	1.00686	1.00686	0.846035	0.956109	-1.04591	0.290277	1.28839	1.28839
cg06673130	CPLX1	0.0513674	0.120308	2.61941	2.61941	0.867144	1.1004	1.1004	0.720271	0.81425	-1.22812	0.63814	1.31089	1.31089	0.0605139	3.35179	3.35179
cg03569506	SLC16A13	0.0513678	0.638116	0.815636	-1.22604	0.907566	0.951263	-1.05123	0.910542	1.04954	1.04954	0.0764366	0.428337	-2.33461	0.182467	0.54409	-1.83793
cg14701978	ZNF700	0.051368	0.143449	0.713474	-1.40159	0.678438	0.91436	-1.09366	0.189428	1.34784	1.34784	0.0362623	0.592844	-1.68678	0.236587	0.766204	-1.30513
cg21213806	PLS1	0.0513693	0.0105588	0.516901	-1.9346	0.0447288	0.62331	-1.60434	0.0826896	1.48328	1.48328	0.285419	0.796434	-1.2556	0.573779	1.12367	1.12367
cg23143978	RBM33	0.0513694	0.524755	1.23584	1.23584	0.211068	1.5417	1.5417	0.0193488	2.53239	2.53239	0.104206	1.79241	1.79241	0.934807	1.02724	1.02724
cg03669037	CBFA2T3	0.0513702	0.0413237	0.238179	-4.19853	0.168994	0.409264	-2.44341	0.111004	0.346975	-2.88205	0.743939	0.818879	-1.22118	0.0155616	0.163878	-6.10209
cg09335306	SCYL3;SCYL3	0.0513704	0.420527	0.863636	-1.15789	0.269541	1.22732	1.22732	0.0129473	0.577227	-1.73242	0.34317	1.19002	1.19002	0.0752913	0.702717	-1.42305
cg22039909	TP73;TP73;TP73;TP73	0.0513708	0.22304	1.5777	1.5777	0.00839447	3.31713	3.31713	0.569976	1.22687	1.22687	0.578332	1.22135	1.22135	0.116099	1.83709	1.83709
cg10398217	SYDE1	0.0513715	0.0970285	0.5809	-1.72147	0.466514	1.2473	1.2473	0.264582	0.706967	-1.41449	0.465562	1.24791	1.24791	0.0115557	0.389914	-2.56467
cg00543474	C10orf91	0.051372	0.269777	0.814517	-1.22772	0.364818	0.846842	-1.18086	0.138415	0.752174	-1.32948	0.0132466	0.578065	-1.72991	0.953571	1.01045	1.01045
cg01086847	LSM14B	0.0513722	0.0329856	0.631545	-1.58342	0.57029	0.899671	-1.11152	0.0118172	1.78495	1.78495	0.149446	0.752112	-1.32959	0.223985	0.790219	-1.26547
cg25239986	LOC440905	0.0513738	0.128772	1.54115	1.54115	0.292267	1.33362	1.33362	0.879486	1.04079	1.04079	0.560747	0.85643	-1.16764	0.30654	1.3217	1.3217
cg02954884	TAS1R1;TAS1R1;TAS1R1;TAS1R1	0.0513756	0.00422036	0.295116	-3.3885	0.0666545	0.51941	-1.92526	0.0220129	0.416855	-2.39892	0.0594597	0.507784	-1.96934	0.0259194	0.430707	-2.32176
cg16601904	STK11	0.0513768	0.337942	0.746313	-1.33992	0.0707049	1.81891	1.81891	0.596351	0.853562	-1.17156	0.683331	1.12917	1.12917	0.00614795	0.346863	-2.88298
cg19097551	NEK5	0.0513778	0.0162652	0.713255	-1.40202	0.278402	0.878439	-1.13838	0.0293929	0.744511	-1.34316	0.553708	0.93343	-1.07132	0.0128942	0.701154	-1.42622
cg21539842	DDR2;DDR2	0.0513784	0.0323545	0.225117	-4.44213	0.440737	1.5966	1.5966	0.750649	0.827181	-1.20892	0.866446	1.10536	1.10536	0.00236378	0.0801667	-12.474
cg10725441	CXCL12	0.0513787	0.541836	1.44109	1.44109	0.136057	0.386571	-2.58685	0.435959	0.624829	-1.60044	0.931024	1.05256	1.05256	0.886279	0.918813	-1.08836
cg04416895	SERHL2	0.0513794	0.30077	2.22779	2.22779	0.093106	0.237409	-4.21213	0.00550641	0.0392032	-25.5081	0.714493	1.3085	1.3085	?	?	?
cg13893459	ASPH;ASPH	0.0513811	0.341093	0.845454	-1.1828	0.00942899	0.569428	-1.75615	0.00633743	0.544321	-1.83715	0.102613	0.736647	-1.3575	0.288262	0.828063	-1.20764
cg20824549	ACBD6	0.0513818	0.500022	0.847827	-1.17949	0.0238523	1.91586	1.91586	0.129311	1.48466	1.48466	0.240234	0.743421	-1.34513	0.870879	0.961535	-1.04
cg21617357	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.0513844	0.256583	0.466038	-2.14575	0.00380686	0.0807656	-12.3815	0.00897146	0.117339	-8.52233	0.505525	0.646881	-1.54588	0.301812	0.501714	-1.99317
cg06882504	TM2D1	0.0513851	0.0383866	0.704259	-1.41993	0.439529	0.891182	-1.12211	0.0428918	0.711392	-1.40569	0.0824664	0.754963	-1.32457	0.00661011	0.597352	-1.67405
cg07275305	TRIM72;PYDC1	0.0513852	0.115606	0.199721	-5.00699	0.0203175	13.9358	13.9358	0.206983	3.50191	3.50191	0.304399	0.367263	-2.72285	0.501429	0.525942	-1.90135
cg13427834	NCK2;NCK2	0.0513854	0.358219	0.709223	-1.40999	0.294915	0.67366	-1.48443	0.894263	1.04955	1.04955	0.135096	0.556661	-1.79643	0.0805365	0.494162	-2.02363
cg00582971	GRM6	0.0513858	0.222305	1.54545	1.54545	0.635999	0.854433	-1.17037	0.062943	2.10539	2.10539	?	?	?	0.00896361	0.273979	-3.64992
cg14943722	HYAL1;HYAL1;HYAL1;HYAL1;HYAL1;HYAL1	0.0513867	0.54989	1.14692	1.14692	0.115308	1.47393	1.47393	0.682778	0.9111	-1.09757	0.113994	1.47637	1.47637	0.0445081	0.592862	-1.68673
cg10029427	HSPA1L	0.051389	0.175099	1.37895	1.37895	0.00863626	0.474235	-2.10866	0.070108	0.636878	-1.57016	0.128852	0.693721	-1.4415	0.0256084	0.553851	-1.80554
cg21756715	SP140L	0.0513893	0.646015	0.879073	-1.13756	0.272797	0.727536	-1.3745	0.14746	1.54214	1.54214	0.0705176	0.569321	-1.75648	0.00278557	0.316965	-3.15493
cg00913949	ESRRG	0.0513909	0.0547131	9.05516	9.05516	0.0389794	11.2039	11.2039	0.201905	3.90582	3.90582	0.113162	5.71563	5.71563	0.0293948	13.3834	13.3834
cg04251363	ST3GAL6	0.0513909	0.528097	1.21053	1.21053	0.524939	1.21235	1.21235	0.425493	1.27538	1.27538	0.918923	1.0309	1.0309	0.256094	1.42523	1.42523
cg01640444	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0513921	0.0167268	0.728098	-1.37344	0.501379	1.07696	1.07696	0.197614	1.15947	1.15947	0.643015	1.05202	1.05202	0.0105528	1.41839	1.41839
cg01987776	KIAA1549;KIAA1549	0.0513923	0.0675689	0.192072	-5.20639	0.0744645	0.20168	-4.95835	0.185631	0.322795	-3.09795	0.242227	0.373039	-2.68068	0.00793211	0.0643883	-15.5308
cg01866895	OBFC2A;OBFC2A	0.0513932	0.039164	0.343291	-2.91298	0.0633659	0.392477	-2.54792	0.0920789	0.435761	-2.29484	0.728243	1.16913	1.16913	0.04546	0.357832	-2.79461
cg09310065	WDR20;WDR20;WDR20;WDR20	0.0513938	0.745434	1.14299	1.14299	0.136588	1.93082	1.93082	0.132679	1.94567	1.94567	0.0550402	2.44115	2.44115	0.0871492	2.1704	2.1704
cg03317131	TAAR2	0.0513938	0.0384372	0.368185	-2.71603	0.213266	1.72638	1.72638	0.0784141	0.442882	-2.25794	0.591305	0.797869	-1.25334	0.0109777	0.264603	-3.77925
cg17019053	C2orf65	0.051394	0.027744	17.1454	17.1454	0.0779541	8.49474	8.49474	0.164603	5.05071	5.05071	0.124631	6.14691	6.14691	0.360324	2.79327	2.79327
cg22228134	GZMH	0.051394	0.0108297	0.0530867	-18.8371	0.00596465	0.03696	-27.0563	0.178776	0.269714	-3.70764	0.710363	0.710198	-1.40806	0.0699434	0.155836	-6.41701
cg26651784	CBFB;CBFB	0.051395	0.126897	3.44725	3.44725	0.999344	1.00061	1.00061	0.00330743	0.0443012	-22.5728	0.320724	2.14592	2.14592	0.87268	0.888003	-1.12612
cg19782731	ECSIT;ECSIT;ECSIT	0.0513974	0.0538925	0.408873	-2.44575	0.0716827	2.27466	2.27466	0.470915	1.34949	1.34949	0.331631	1.5058	1.5058	0.026892	0.342612	-2.91875
cg25637655	HLA-A	0.0513976	0.0240885	0.0769956	-12.9878	0.0212552	0.0711806	-14.0488	0.169406	0.254127	-3.93503	0.321412	0.385154	-2.59636	0.192079	0.275017	-3.63614
cg20999932	PAPLN	0.0513978	0.106601	2.42515	2.42515	0.00525782	6.36284	6.36284	0.451983	1.47002	1.47002	0.83878	1.10786	1.10786	0.584355	0.757482	-1.32016
cg22091037	STARD13	0.0513982	0.577101	0.853694	-1.17138	0.0506714	1.86876	1.86876	0.0707338	1.76303	1.76303	0.118926	1.60839	1.60839	0.342345	0.759792	-1.31615
cg05185519	FLYWCH1;FLYWCH1	0.0513984	0.039947	0.489561	-2.04265	0.017526	0.419109	-2.38602	0.0494777	0.509526	-1.96261	0.201534	1.50035	1.50035	0.0152951	0.408315	-2.44909
cg01362541	BMP7	0.0513998	0.563004	1.24431	1.24431	0.316902	0.679262	-1.47219	0.00319693	0.222123	-4.50201	0.525323	0.786166	-1.272	0.696068	0.863517	-1.15806
cg23872082	TMEM145	0.0514006	0.800049	1.05338	1.05338	0.887701	1.02938	1.02938	0.346406	1.2198	1.2198	0.909905	0.977071	-1.02347	0.401565	0.838679	-1.19235
cg03862414	PLEKHH3	0.0514007	0.0275745	1.71273	1.71273	0.275058	1.26431	1.26431	0.219153	1.30589	1.30589	0.859781	0.964141	-1.03719	0.0237008	1.74663	1.74663
cg18235100	PRDM8;PRDM8	0.0514026	0.0875995	7.8788	7.8788	0.0467274	12.0937	12.0937	0.156885	5.24571	5.24571	0.103618	7.01754	7.01754	0.0636275	9.80346	9.80346
cg10764440	FGF23	0.0514037	0.0325539	0.221045	-4.52396	0.232062	0.469469	-2.13007	0.0204322	0.185339	-5.39552	0.206141	0.447285	-2.23571	0.0048779	0.105265	-9.49983
cg19265364	NKTR	0.0514039	0.232101	0.777351	-1.28642	0.523121	0.878042	-1.1389	0.0420656	0.624531	-1.6012	0.210286	0.766961	-1.30385	0.0168502	0.556525	-1.79686
cg00336555	GABRG3	0.051406	0.105863	0.621855	-1.60809	0.294561	0.74649	-1.3396	0.0418092	0.532065	-1.87947	0.632218	0.878372	-1.13847	0.0157165	0.451045	-2.21707
cg02954711	HCCA2;LOC338651	0.0514064	0.162095	0.644786	-1.5509	0.060621	0.536931	-1.86244	0.614739	0.8614	-1.1609	0.428021	0.788296	-1.26856	0.00429606	0.32542	-3.07295
cg19418273	CREB3L2	0.0514073	0.101529	0.214095	-4.67082	0.0207476	0.0912902	-10.9541	0.068143	0.172708	-5.79012	0.406515	0.481883	-2.07519	0.0468185	0.141323	-7.07597
cg26548101	LOC388789	0.0514074	0.0101332	1.63929	1.63929	0.284081	1.1848	1.1848	0.698614	1.06108	1.06108	0.712078	0.945077	-1.05811	0.728971	0.948375	-1.05444
cg11324504	SLC16A8	0.0514074	0.946015	0.972048	-1.02876	0.531575	0.766974	-1.30383	0.77635	1.12664	1.12664	0.700479	1.17565	1.17565	0.00396072	0.197441	-5.0648
cg11168006	HMGB4;CSMD2;HMGB4	0.0514079	0.531773	0.898895	-1.11248	0.010968	0.584403	-1.71115	0.231951	0.809796	-1.23488	0.274213	1.21102	1.21102	0.594546	1.09462	1.09462
cg09739896	PRPF4;CDC26	0.051408	0.989821	1.00154	1.00154	0.323113	0.884165	-1.13101	0.00710751	1.52116	1.52116	0.800992	1.03094	1.03094	0.312418	1.13434	1.13434
cg27021512	ESD	0.0514091	0.60926	0.848188	-1.17898	0.679179	0.875611	-1.14206	0.708218	0.886852	-1.12758	0.165294	1.60431	1.60431	0.00290923	0.270658	-3.6947
cg10689175	C6orf106;C6orf106	0.0514117	0.995799	0.997559	-1.00245	0.0136793	4.11921	4.11921	0.0280256	3.33645	3.33645	0.223524	1.81073	1.81073	0.455291	1.42341	1.42341
cg14115785	IQGAP2	0.0514122	0.815859	0.954422	-1.04775	0.451096	1.16596	1.16596	0.0241708	1.7118	1.7118	0.793452	1.05388	1.05388	0.00800326	0.506803	-1.97315
cg09212014	DLK1	0.0514138	0.384068	0.80562	-1.24128	0.0379036	1.79131	1.79131	0.0175206	2.01413	2.01413	0.0919379	1.56723	1.56723	0.895244	1.03242	1.03242
cg00488740	TMIGD2;TMIGD2	0.0514151	0.597446	1.12205	1.12205	0.407408	0.832663	-1.20097	0.488226	1.16435	1.16435	0.284273	1.27171	1.27171	0.0140993	1.92461	1.92461
cg08233173	ATP6V0E1	0.0514153	0.100143	0.799343	-1.25103	0.28357	1.14856	1.14856	0.357511	1.12484	1.12484	0.0369176	0.739854	-1.35162	0.467486	1.09627	1.09627
cg07454788	PPP2R2D;PPP2R2D;PPP2R2D	0.0514159	0.0603412	0.655908	-1.5246	0.867724	0.967358	-1.03374	0.070598	0.668794	-1.49523	0.088361	0.687745	-1.45403	0.0636506	0.660259	-1.51456
cg18414021	CCDC85C	0.0514177	0.026581	5.26584	5.26584	0.335303	0.533675	-1.8738	0.284228	2.02	2.02	0.411286	1.70062	1.70062	0.0516834	0.246691	-4.05366
cg06964756	RAB34;RAB34;SNORD42B;RAB34;RPL23A;RAB34;RAB34	0.0514186	0.0240399	0.762772	-1.31101	0.728572	0.965556	-1.03567	0.518167	0.936214	-1.06813	0.5642	0.943036	-1.0604	0.16211	1.16205	1.16205
cg13650654	NLRP7;NLRP7;NLRP7	0.0514188	0.0452645	0.183949	-5.4363	0.0101426	0.0915845	-10.9189	0.0988649	0.26345	-3.79579	0.163648	0.334282	-2.99149	0.0154742	0.111967	-8.93117
cg26569453	CYB5A;CYB5A;CYB5A;CYB5A	0.0514189	0.0104886	0.420561	-2.37778	0.297626	0.748004	-1.33689	0.197849	0.6935	-1.44196	0.0139761	0.442077	-2.26205	0.282989	0.740834	-1.34983
cg01357334	LOC653113	0.0514189	0.116388	0.503748	-1.98512	0.162944	1.81945	1.81945	0.0098962	3.70513	3.70513	0.131199	0.519485	-1.92498	0.153825	1.84711	1.84711
cg24445570	RG9MTD1	0.05142	0.0191352	0.626299	-1.59668	0.350624	1.17181	1.17181	0.50654	0.894738	-1.11765	0.488624	1.12311	1.12311	0.488727	1.12308	1.12308
cg16232842	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.0514208	0.0880831	0.731209	-1.3676	0.688036	0.93507	-1.06944	0.152423	0.774956	-1.2904	0.0960292	0.737844	-1.3553	0.324482	0.844308	-1.1844
cg22935432	ZNF528	0.0514209	0.958701	1.00842	1.00842	0.0590296	1.41241	1.41241	0.371878	1.16008	1.16008	0.962609	0.992436	-1.00762	0.544868	0.905516	-1.10434
cg25323709	POF1B	0.0514218	0.00828895	0.119189	-8.39006	0.716749	0.794848	-1.2581	0.499414	0.649175	-1.54042	0.0806765	0.295002	-3.38981	0.118227	0.343392	-2.91212
cg20748791	DTNBP1;DTNBP1;DTNBP1	0.0514221	0.028135	0.243421	-4.1081	0.0407555	0.276056	-3.62245	0.36867	0.604622	-1.65393	0.335838	0.582281	-1.71738	0.0299758	0.248731	-4.0204
cg19089079	MAPK15	0.0514226	0.146187	0.468944	-2.13245	0.0347095	3.304	3.304	0.168725	0.490703	-2.03789	0.156831	0.479449	-2.08573	0.0173425	0.244949	-4.08248
cg17603184	TMEM184B	0.0514228	0.237781	1.1936	1.1936	0.0159456	1.5255	1.5255	0.0345195	1.42304	1.42304	0.525811	0.912109	-1.09636	0.926112	1.01336	1.01336
cg26267791	NME6	0.0514235	0.00427148	0.111959	-8.93185	0.166329	0.443012	-2.25727	0.23167	1.9942	1.9942	0.105692	0.375801	-2.66098	0.0284813	0.234639	-4.26186
cg04191297	KIFC1	0.0514239	0.0303587	0.707703	-1.41302	0.342925	1.14192	1.14192	0.38252	1.12935	1.12935	0.391162	0.887508	-1.12675	0.885713	0.980655	-1.01973
cg18013303	METT10D	0.051424	0.415257	0.894959	-1.11737	0.488164	1.09841	1.09841	0.485506	1.09906	1.09906	0.0156947	0.673914	-1.48387	0.0206746	0.689805	-1.44968

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11652360	0.119259	1.81748	1.81748	0.270419	1.50007	1.50007	0.424984	1.33364	1.33364	0.269704	0.666197	-1.50106	3.35462	6.63486	1.75807	1
cg14894216	0.169263	0.412863	-2.42211	0.0126166	0.153585	-6.51107	0.0212104	0.187589	-5.33079	0.377922	0.578962	-1.72723	3.35462	19.3886	5.13749	1
cg22188495	0.215732	1.22019	1.22019	0.521516	1.10433	1.10433	0.164419	1.25431	1.25431	0.431307	1.13052	1.13052	3.35461	1.23951	0.328441	1
cg22494035	0.16321	1.50534	1.50534	0.00788161	0.391878	-2.55181	0.0256645	0.482676	-2.07178	0.737905	1.09669	1.09669	3.35458	4.01283	1.06331	1
cg02869559	0.582225	0.92858	-1.07691	0.0422318	0.731938	-1.36624	0.0669178	1.31511	1.31511	0.0849449	1.28924	1.28924	3.35457	0.944941	0.250389	1
cg16381688	0.0791338	0.398331	-2.51047	0.00443655	0.166499	-6.00603	0.124043	0.455444	-2.19566	0.121306	0.452391	-2.21048	3.35457	11.8465	3.13907	1
cg25426563	0.00856996	0.450508	-2.21972	0.874528	1.03829	1.03829	0.525973	0.858302	-1.16509	0.52422	1.16587	1.16587	3.35456	3.00394	0.795983	1
cg12785082	0.147153	0.452216	-2.21133	0.0158093	0.221289	-4.51898	0.538456	1.37401	1.37401	0.109009	0.409998	-2.43904	3.35456	13.826	3.66362	1
cg22132013	0.434714	1.22203	1.22203	0.00739174	2.38274	2.38274	0.258259	0.743221	-1.3455	0.776055	1.07439	1.07439	3.35455	3.36244	0.89098	1
cg15533222	0.288849	0.390144	-2.56316	0.00164847	0.0212501	-47.0587	0.0331535	0.118954	-8.40659	0.174662	0.291059	-3.43573	3.4036	35.0172	10.2883	1
cg01089602	0.594884	0.849315	-1.17742	0.0940777	0.571113	-1.75097	0.00123552	0.237589	-4.20894	0.282522	0.711898	-1.4047	3.35452	4.91973	1.30364	1
cg07289333	0.0133299	1.51707	1.51707	0.418956	1.11881	1.11881	0.312995	1.15242	1.15242	0.208352	1.19759	1.19759	3.35448	0.981777	0.260157	1
cg05048372	0.29966	2.18593	2.18593	0.633937	1.41556	1.41556	0.465491	1.71412	1.71412	0.925782	1.06975	1.06975	3.68555	26.5951	6.31406	1
cg11672772	0.255612	1.26022	1.26022	0.026855	1.66694	1.66694	0.320552	1.22143	1.22143	0.27797	0.80263	-1.2459	3.35446	2.01774	0.534676	1
cg11748640	0.33009	1.60023	1.60023	0.00951608	0.215131	-4.64833	0.108386	0.440742	-2.2689	0.340307	0.63147	-1.58361	3.35445	11.6257	3.08067	1
cg16360432	0.301927	1.57595	1.57595	0.0380013	2.78179	2.78179	0.36023	1.49191	1.49191	0.558683	1.28599	1.28599	3.35439	9.61002	2.54658	1
cg06486098	0.161035	0.556024	-1.79848	0.0135446	0.301788	-3.31358	0.139026	0.535624	-1.86698	0.167689	0.561831	-1.7799	3.35439	8.16651	2.16407	1
cg27332337	0.983908	0.992487	-1.00757	0.0425687	2.39438	2.39438	0.014442	3.08705	3.08705	0.772769	0.897391	-1.11434	3.35435	7.42832	1.96848	1
cg15146834	0.524795	1.15116	1.15116	0.0614736	0.631173	-1.58435	0.235743	1.31182	1.31182	0.0621133	1.58213	1.58213	3.35434	2.53474	0.671697	1
cg16609941	0.0250218	0.801796	-1.2472	0.199006	0.893651	-1.119	0.760774	0.975018	-1.02562	0.35432	1.08215	1.08215	3.3543	0.364637	0.096629	1
cg18993113	0.989751	1.00629	1.00629	0.81952	0.894371	-1.1181	0.0345101	3.33451	3.33451	0.272221	0.572203	-1.74763	3.35424	12.6758	3.35915	1
cg21018522	0.58961	0.940553	-1.0632	0.00627023	0.669784	-1.49302	0.358611	0.89921	-1.11209	0.0752177	1.24976	1.24976	3.35421	0.672858	0.178312	1
cg02532577	0.563339	1.44943	1.44943	0.94158	1.04766	1.04766	0.00101391	22.1387	22.1387	0.247813	2.15454	2.15454	3.35418	21.4399	5.68178	1
cg00472520	0.288809	1.56853	1.56853	0.408424	0.707758	-1.41291	0.25001	0.611751	-1.63465	0.66561	0.83715	-1.19453	3.35417	8.87759	2.35265	1
cg08524514	0.471185	1.17649	1.17649	0.0305995	0.5693	-1.75654	0.0247073	0.552653	-1.80945	0.206951	1.34331	1.34331	3.35415	2.61223	0.692271	1
cg03307911	0.23519	1.92107	1.92107	0.442024	0.662751	-1.50886	0.00136663	11.451	11.451	0.237038	1.91567	1.91567	3.35415	14.6279	3.87658	1
cg22830638	0.0442757	0.4132	-2.42013	0.0234139	0.35492	-2.81754	0.485621	0.762597	-1.31131	0.0333888	0.386374	-2.58816	3.35412	7.77264	2.05986	1
cg02941859	0.266202	1.13684	1.13684	0.221655	0.867444	-1.15281	0.243267	0.873571	-1.14473	0.0195111	1.36685	1.36685	3.35411	0.650998	0.172524	1
cg21290290	0.00795025	1.91306	1.91306	0.0301421	0.615037	-1.62592	0.999337	1.00016	1.00016	0.382181	1.18631	1.18631	3.35408	1.93039	0.511586	1
cg15623552	0.0162316	0.648383	-1.5423	0.983744	0.997002	-1.00301	0.135367	0.788821	-1.26771	0.121141	0.780596	-1.28107	3.35408	1.15384	0.305789	1
cg03095103	0.0676086	0.33454	-2.98918	0.0156771	0.205141	-4.8747	0.0316862	0.260029	-3.84573	0.162693	0.450669	-2.21892	3.35407	15.1927	4.02635	1
cg08894960	0.0818514	1.39753	1.39753	0.00242731	2.0809	2.0809	0.455908	1.1409	1.1409	0.691272	1.07175	1.07175	3.35404	1.60067	0.42421	1
cg04014586	0.112804	1.72889	1.72889	0.0940143	1.79322	1.79322	0.186083	1.55996	1.55996	0.0373224	2.15232	2.15232	3.35402	5.3442	1.41633	1
cg10103446	0.03688	0.617292	-1.61998	0.0197838	0.571185	-1.75074	0.219987	0.773636	-1.2926	0.139507	1.37224	1.37224	3.35401	2.10369	0.557525	1
cg01052864	0.0781346	0.520822	-1.92004	0.361046	1.36745	1.36745	0.00321522	3.81972	3.81972	0.187657	1.59263	1.59263	3.354	5.90093	1.56389	1
cg15680620	0.155483	1.3807	1.3807	0.0207777	0.553926	-1.8053	0.0521951	1.59793	1.59793	0.79794	1.05596	1.05596	3.35397	2.39285	0.634166	1
cg15108553	0.431318	0.675301	-1.48082	0.0547616	0.344763	-2.90054	0.646795	0.798102	-1.25297	0.444466	0.683143	-1.46382	3.35388	12.6915	3.36366	1
cg03734402	0.471911	0.703887	-1.42068	0.0458152	0.333344	-2.99991	0.374872	0.645931	-1.54815	0.512109	1.37583	1.37583	3.35387	12.2317	3.24181	1
cg01750716	0.121344	0.372399	-2.68529	0.031975	0.22811	-4.38385	0.772221	0.843076	-1.18613	0.172349	0.425602	-2.34961	3.35386	18.372	4.86921	1
cg25825506	0.85923	1.09395	1.09395	0.88637	1.075	1.075	0.0780466	2.6921	2.6921	0.106716	2.43715	2.43715	3.35386	13.589	3.60155	1
cg19024197	0.250503	0.748238	-1.33647	0.71596	0.915518	-1.09228	0.0125166	0.472207	-2.11771	0.935218	0.980556	-1.01983	3.35383	3.09894	0.821332	1
cg09380636	0.879379	1.01892	1.01892	0.717832	1.04581	1.04581	0.287041	0.872441	-1.14621	0.00633208	0.644815	-1.55083	3.35381	0.809363	0.214512	1
cg05038881	0.365848	0.577651	-1.73115	0.0295744	0.220215	-4.54101	0.013621	0.164841	-6.06644	0.256806	0.497034	-2.01194	3.3538	18.5325	4.91184	1
cg06883934	0.0319603	0.339087	-2.9491	0.0638879	0.408103	-2.45036	0.0636215	0.407647	-2.4531	0.314869	0.639402	-1.56396	3.35378	9.83543	2.60679	1
cg12097945	?	?	?	?	?	?	0.259756	0.388157	-2.57628	0.655393	1.42893	1.42893	4.2312	26.7392	6.31954	1
cg12748948	0.675466	0.866171	-1.15451	0.0273177	0.410224	-2.43769	0.875635	1.0549	1.0549	0.0333883	0.428141	-2.33568	3.35367	6.18436	1.63916	1
cg01577933	0.494287	0.700573	-1.4274	0.00352626	0.131566	-7.60074	0.0479039	0.313631	-3.18846	0.246057	0.536885	-1.86259	3.35365	13.9614	3.70049	1
cg01466121	0.162563	0.559004	-1.7889	0.00849146	0.26967	-3.70824	0.356698	0.690868	-1.44745	0.112895	0.510097	-1.96041	3.35361	8.08312	2.14247	1
cg05656812	0.0364074	0.340338	-2.93825	0.139708	0.494473	-2.02236	0.816253	0.901992	-1.10866	0.016923	0.27499	-3.6365	3.35359	10.4306	2.76468	1
cg04294331	0.075397	0.668067	-1.49686	0.953234	1.01202	1.01202	0.129071	1.39683	1.39683	0.119869	1.41035	1.41035	3.35359	2.20535	0.584542	1
cg18951187	0.0177074	0.591976	-1.68926	0.983918	1.00367	1.00367	0.0627378	0.683437	-1.46319	0.0830474	0.705521	-1.41739	3.35357	1.75472	0.465102	1
cg18386867	0.0222935	0.691601	-1.44592	0.232386	1.18366	1.18366	0.848929	0.974652	-1.02601	0.0424648	1.36967	1.36967	3.35356	0.962739	0.255182	1
cg20413202	0.694444	0.879798	-1.13662	0.12833	0.58672	-1.70439	0.0676923	1.94237	1.94237	0.089462	0.544783	-1.83559	3.35355	5.58839	1.48125	1
cg02843417	0.0133325	1.73244	1.73244	0.0189121	1.66454	1.66454	0.655269	0.922612	-1.08388	0.482935	1.13634	1.13634	3.35353	1.70647	0.452318	1
cg02726501	0.0704772	1.59479	1.59479	0.00211821	2.71136	2.71136	0.0290645	1.81111	1.81111	0.805611	1.05858	1.05858	3.35351	2.83103	0.750398	1
cg06673130	0.0846304	2.97405	2.97405	0.00253741	10.9589	10.9589	0.0475844	3.65032	3.65032	0.152588	2.4002	2.4002	3.35348	17.3444	4.59738	1
cg03569506	?	?	?	0.00619822	4.64264	4.64264	0.0607356	0.402738	-2.483	0.740405	0.866731	-1.15376	3.40251	8.86363	2.60502	1
cg14701978	0.00256831	0.407461	-2.45422	0.481468	0.85757	-1.16609	0.993905	0.998361	-1.00164	0.888082	1.0307	1.0307	3.35346	2.44921	0.649201	1
cg21213806	0.268033	1.26704	1.26704	0.219864	1.30298	1.30298	0.527999	0.877072	-1.14016	0.183768	0.748788	-1.33549	3.35343	2.23522	0.592486	1
cg23143978	0.360627	1.36172	1.36172	0.0180424	0.389179	-2.56951	0.0347219	2.24503	2.24503	0.535126	1.22917	1.22917	3.35343	5.73218	1.51942	1
cg03669037	0.465438	0.635803	-1.57281	0.0148553	0.160938	-6.21356	0.0168008	0.168831	-5.92308	0.0402221	0.235753	-4.24173	3.35341	19.739	5.23223	1
cg09335306	0.00768102	0.543193	-1.84097	0.232556	0.800102	-1.24984	0.961389	0.991413	-1.00866	0.803685	0.9566	-1.04537	3.3534	1.68551	0.446778	1
cg22039909	0.291382	1.47683	1.47683	0.00484045	3.78398	3.78398	0.0266343	2.54879	2.54879	0.537645	1.2489	1.2489	3.35339	6.73586	1.78548	1
cg10398217	0.977707	1.00837	1.00837	0.030965	0.469816	-2.12849	0.135791	1.61511	1.61511	0.0750778	0.553698	-1.80604	3.35338	4.72351	1.25207	1
cg00543474	0.317773	1.20245	1.20245	0.022594	1.62817	1.62817	0.338851	1.19244	1.19244	0.137527	0.751618	-1.33046	3.35336	1.6927	0.448692	1
cg01086847	0.289037	0.816408	-1.22488	0.169108	0.763373	-1.30998	0.510629	1.13087	1.13087	0.19689	1.28589	1.28589	3.35336	1.80406	0.478209	1
cg25239986	0.0409075	0.537016	-1.86214	0.00383467	2.7924	2.7924	0.244486	1.37823	1.37823	0.505921	1.19463	1.19463	3.35332	3.68682	0.977293	1
cg02954884	0.638492	0.860071	-1.16269	0.226872	0.667533	-1.49805	0.255568	0.685168	-1.4595	0.362157	0.742026	-1.34766	3.35327	5.3892	1.42857	1
cg16601904	0.118706	0.605518	-1.65148	0.0313758	0.473368	-2.11252	0.620813	1.15918	1.15918	0.456886	0.798968	-1.25161	3.35324	4.65981	1.23524	1
cg19097551	0.237723	0.867421	-1.15284	0.116626	1.21659	1.21659	0.925161	1.01086	1.01086	0.985074	0.997851	-1.00215	3.35322	0.702292	0.186167	1
cg21539842	0.427659	0.617583	-1.61922	0.746523	1.21289	1.21289	0.680128	0.781363	-1.27981	0.0697942	0.299183	-3.34244	3.3532	18.8081	4.98577	1
cg10725441	0.45038	1.57629	1.57629	0.00292645	11.2307	11.2307	0.166834	2.39194	2.39194	0.0513298	3.71677	3.71677	3.3532	18.5936	4.92892	1
cg04416895	0.305288	0.452631	-2.2093	?	?	?	0.316362	2.1656	2.1656	0.55567	1.54991	1.54991	4.80869	28.9476	4.29989	1
cg13893459	0.451751	0.877042	-1.1402	0.306418	0.834262	-1.19866	0.0155995	0.602042	-1.66101	0.160101	0.773494	-1.29283	3.35314	1.55523	0.412279	1
cg20824549	0.00761152	0.437141	-2.28759	0.970825	1.00886	1.00886	0.245541	0.746121	-1.34026	0.506793	1.17634	1.17634	3.35312	3.08765	0.818516	1
cg21617357	0.510027	0.649947	-1.53859	0.0918782	0.30226	-3.30841	0.473621	1.59985	1.59985	0.823038	0.865525	-1.15537	3.35305	22.0762	5.85235	1
cg06882504	0.0604895	0.733939	-1.36251	0.403607	1.13303	1.13303	0.716828	1.05467	1.05467	0.969418	1.00562	1.00562	3.35304	1.13405	0.300635	1
cg07275305	0.123114	0.207409	-4.82138	0.14669	0.230624	-4.33607	0.0505693	8.15194	8.15194	0.282156	2.86488	2.86488	3.35303	47.0983	12.4857	1
cg13427834	0.155176	0.575106	-1.73881	0.00119628	0.177899	-5.62116	0.18535	0.600034	-1.66657	0.186863	0.601212	-1.66331	3.35303	7.02306	1.86182	1
cg00582971	0.83414	0.933402	-1.07135	?	?	?	0.556978	1.21716	1.21716	0.11965	1.79645	1.79645	4.80839	5.86188	0.870783	1
cg14943722	0.080036	1.55282	1.55282	0.00872063	2.13233	2.13233	0.45322	0.841029	-1.18902	0.865562	0.962334	-1.03914	3.353	2.72633	0.722757	1
cg10029427	0.378745	0.817739	-1.22288	0.505018	1.16267	1.16267	0.576179	0.881766	-1.13409	0.0962932	0.665715	-1.50215	3.35294	2.63637	0.69892	1
cg21756715	0.0661551	0.563044	-1.77606	0.888442	1.03989	1.03989	0.354186	0.766708	-1.30428	0.358953	0.768834	-1.30067	3.35293	4.12443	1.09342	1
cg00913949	0.258779	0.303819	-3.29143	0.286438	3.06262	3.06262	0.0128383	22.7472	22.7472	0.549104	0.541759	-1.84584	3.35289	54.2888	14.3926	1
cg04251363	0.00207468	0.27366	-3.65417	0.814025	1.07297	1.07297	0.243679	0.694472	-1.43994	0.157754	1.57063	1.57063	3.35289	4.74414	1.25772	1
cg01640444	0.275407	1.1312	1.1312	0.635812	0.949492	-1.05319	0.830568	0.976988	-1.02355	0.0707721	1.24528	1.24528	3.35286	0.626803	0.166174	1
cg01987776	0.478413	0.559553	-1.78714	0.0586159	0.178864	-5.59082	0.0102044	0.0735733	-13.5919	0.0357467	0.139644	-7.16105	3.35286	34.467	9.13769	1
cg01866895	0.665491	1.21513	1.21513	0.00779386	0.216474	-4.61948	0.313685	0.627017	-1.59485	0.0397488	0.344711	-2.90098	3.35283	10.6557	2.825	1
cg09310065	0.466062	1.35569	1.35569	0.00608872	4.34545	4.34545	0.0140172	3.47135	3.47135	0.0320468	2.80216	2.80216	3.35282	8.9372	2.3694	1
cg03317131	0.0908111	0.460182	-2.17305	0.0163393	0.294356	-3.39725	0.572779	0.788671	-1.26796	0.444782	0.72287	-1.38337	3.35282	9.2158	2.44326	1
cg17019053	0.526015	2.01743	2.01743	0.00392602	69.3588	69.3588	0.035375	14.5291	14.5291	0.0415798	13.0189	13.0189	3.35282	63.3538	16.7962	1
cg22228134	0.154204	0.246778	-4.05222	0.13639	0.229439	-4.35846	0.0477726	0.125386	-7.97539	0.0690289	0.154668	-6.46548	3.35281	44.6892	11.8479	1
cg26651784	?	?	?	0.196328	2.77449	2.77449	0.408341	1.87464	1.87464	0.676469	0.732688	-1.36484	3.68354	27.8386	6.61287	1
cg19782731	0.729973	0.867971	-1.15211	0.0234347	0.330738	-3.02355	0.285388	0.635441	-1.57371	0.178115	0.557257	-1.7945	3.35273	8.86769	2.35104	1
cg25637655	0.106474	0.190891	-5.23858	0.00686604	0.0339487	-29.4562	0.0387468	0.103301	-9.68042	0.0255866	0.0799513	-12.5076	3.63539	48.4077	10.3567	1
cg20999932	0.782286	1.14945	1.14945	0.930759	0.957246	-1.04466	0.0251606	3.81477	3.81477	0.0183096	4.21917	4.21917	3.35272	13.4239	3.559	1
cg22091037	0.0194919	0.452546	-2.20972	0.98733	1.00447	1.00447	0.132863	1.57669	1.57669	0.106409	1.64061	1.64061	3.35271	4.18673	1.11001	1
cg05185519	0.178266	0.650356	-1.53762	0.957349	1.01622	1.01622	0.643825	0.869314	-1.15033	0.864738	1.05262	1.05262	3.3527	4.80453	1.27381	1
cg01362541	0.892561	1.05181	1.05181	0.176182	0.584185	-1.71179	0.0404806	2.42174	2.42174	0.255569	0.641684	-1.5584	3.35267	7.41914	1.96703	1
cg23872082	0.0795675	0.671168	-1.48994	0.00479565	0.464397	-2.15333	0.345583	1.22024	1.22024	0.0203972	0.563992	-1.77307	3.35265	2.22955	0.591121	1
cg03862414	0.128458	0.712232	-1.40404	0.796828	1.05473	1.05473	0.0138219	1.87455	1.87455	0.502892	0.868997	-1.15075	3.35265	2.26472	0.600447	1
cg18235100	0.0348142	14.7747	14.7747	0.00818023	40.6299	40.6299	0.0228545	19.7089	19.7089	0.0485714	11.7797	11.7797	3.3526	63.6281	16.87	1
cg10764440	0.591497	0.721195	-1.38659	0.0682518	0.291784	-3.4272	0.852036	1.11924	1.11924	0.0775215	0.306111	-3.26679	3.35257	19.3268	5.12424	1
cg19265364	0.544614	1.13115	1.13115	0.035999	1.63266	1.63266	0.193319	1.3187	1.3187	0.337157	0.819655	-1.22003	3.35257	2.14462	0.568618	1
cg00336555	0.0614425	0.567406	-1.76241	0.457926	0.816045	-1.22542	0.778815	0.927068	-1.07867	0.0037511	0.349117	-2.86437	3.35252	3.84056	1.01829	1
cg02954711	0.286378	0.722187	-1.38468	0.28234	1.38878	1.38878	0.26925	0.713025	-1.40248	0.103805	1.68694	1.68694	3.35251	4.58878	1.21668	1
cg19418273	0.0836428	0.192799	-5.18676	0.00858721	0.0560249	-17.8492	0.0230536	0.0966528	-10.3463	0.0874641	0.197497	-5.06336	3.35248	39.2474	10.4062	1
cg26548101	0.146315	1.26823	1.26823	0.0135539	0.627779	-1.59292	0.325461	0.856655	-1.16733	0.455984	0.890744	-1.12266	3.35248	1.23295	0.326908	1
cg11324504	0.114653	0.487577	-2.05096	0.0483879	0.388972	-2.57088	0.205721	1.74872	1.74872	0.0693409	0.427152	-2.34109	3.35248	9.30639	2.46753	1
cg11168006	0.100821	0.739013	-1.35316	0.0153941	1.64941	1.64941	0.894915	0.978006	-1.02249	0.845264	0.967653	-1.03343	3.35247	1.50367	0.39869	1
cg09739896	0.232269	0.859749	-1.16313	0.721882	1.04406	1.04406	0.0228497	0.71999	-1.38891	0.159668	1.19872	1.19872	3.35247	0.772612	0.204854	1
cg27021512	0.193142	0.644131	-1.55248	0.0297902	0.441866	-2.26313	0.737936	1.11322	1.11322	0.64614	1.15911	1.15911	3.35244	5.41642	1.43615	1
cg10689175	0.0894389	2.38542	2.38542	0.922372	1.04629	1.04629	0.00468971	5.72532	5.72532	0.236335	1.77904	1.77904	3.35237	11.4437	3.03433	1
cg14115785	0.107674	1.4206	1.4206	0.108586	1.41908	1.41908	0.923707	1.01934	1.01934	0.307385	1.23528	1.23528	3.35236	2.12326	0.562989	1
cg09212014	0.0405626	1.77312	1.77312	0.0180358	2.00518	2.00518	0.134768	1.4777	1.4777	0.101587	1.54354	1.54354	3.35232	3.11392	0.825676	1
cg00488740	0.131474	0.703381	-1.4217	0.0385367	1.67854	1.67854	0.0288519	1.74525	1.74525	0.303903	0.79446	-1.25872	3.35229	2.47915	0.657369	1
cg08233173	0.112508	1.23962	1.23962	0.0133559	0.683167	-1.46377	0.251118	1.16076	1.16076	0.918943	1.01274	1.01274	3.35229	0.820643	0.217601	1
cg07454788	0.0145083	0.549044	-1.82135	0.11354	1.40892	1.40892	0.864201	1.03467	1.03467	0.352605	1.20978	1.20978	3.35227	2.10447	0.558022	1
cg18414021	0.0550368	3.95486	3.95486	0.0474725	0.238599	-4.19113	0.448767	0.613926	-1.62886	0.590097	0.709129	-1.41018	3.35222	21.2077	5.62353	1
cg06964756	0.0701154	0.815687	-1.22596	0.00512452	0.689319	-1.45071	0.703938	0.962315	-1.03916	0.387457	1.09322	1.09322	3.3522	0.537443	0.142511	1
cg13650654	0.18477	0.354567	-2.82034	0.0445557	0.182624	-5.47572	0.0237229	0.136677	-7.3165	0.121733	0.29037	-3.44388	3.3522	28.8487	7.64968	1
cg26569453	0.125937	0.640649	-1.56092	0.0253931	0.48943	-2.04319	0.381026	1.27331	1.27331	0.68181	1.11723	1.11723	3.3522	3.8391	1.018	1
cg01357334	0.796045	1.10971	1.10971	0.607503	1.23147	1.23147	0.0276414	2.84761	2.84761	0.762379	1.12961	1.12961	3.35219	8.57463	2.2737	1
cg24445570	0.248611	0.819521	-1.22022	0.293161	0.835294	-1.19718	0.0307177	0.657792	-1.52024	0.0287126	1.53085	1.53085	3.35217	1.44602	0.383439	1
cg16232842	0.789506	0.956474	-1.04551	0.529689	1.11171	1.11171	0.464304	0.883487	-1.13188	0.00426695	1.88879	1.88879	3.35215	1.4687	0.389454	1
cg22935432	0.475473	0.889112	-1.12472	0.00264338	0.509768	-1.96168	0.459821	1.12963	1.12963	0.263826	1.20762	1.20762	3.35215	1.39268	0.369298	1
cg25323709	0.559879	0.689687	-1.44993	0.0134996	0.145597	-6.86825	0.580178	0.703231	-1.42201	0.0111296	0.134595	-7.42971	3.35212	21.0825	5.59049	1
cg20748791	0.122826	0.402101	-2.48694	0.00720579	0.151076	-6.6192	0.0558804	0.307174	-3.25548	0.0406511	0.275817	-3.6256	3.35212	15.7654	4.18055	1
cg19089079	0.0819826	0.392367	-2.54863	0.15679	0.479409	-2.0859	0.30958	1.66606	1.66606	0.356025	0.630734	-1.58545	3.3521	12.5115	3.31771	1
cg17603184	0.359947	0.873986	-1.14418	0.759857	1.04485	1.04485	0.309119	0.860167	-1.16257	0.011907	1.567	1.567	3.3521	1.08721	0.288301	1
cg26267791	0.556222	0.722055	-1.38494	?	?	?	0.633341	0.7689	-1.30056	0.553492	0.720386	-1.38814	3.6827	15.1416	3.59761	1
cg04191297	0.216521	1.1932	1.1932	0.00480369	0.601538	-1.66241	0.693817	1.05521	1.05521	0.323502	1.14855	1.14855	3.35207	0.979446	0.259726	1
cg18013303	0.812293	0.968793	-1.03221	0.561838	1.08131	1.08131	0.400359	1.12157	1.12157	0.0325657	1.39569	1.39569	3.35207	0.942924	0.250041	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105T 057 vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T 21T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 53T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Test	SS(Test)	SS(Error)	F(Error
gi	26116937	DPF2C	0.0514424	0.254517	2.08791	0.286391	2.00246655	0.2943	12.941	0.968163	0.976017	-1.02457	0.516152	1.49245	1.49245	0.85736	1.11564	1.11564	0.117684	2.01071	2.81075	0.611588	1.36543	1.36543	0.01490886	6.17851	6.17851	0.0851141	3.18312	3.18312	3.35207	19.6092	5.20786	1
gi	25066645	PNRC2	0.0514243	0.983958	0.992123	-1.00794	1.223697	0.604837	-1.65334	0.00929119	0.8701117	-1.02642	0.536152	1.49245	1.49245	0.857386	1.11564	1.11564	0.08359992	0.4708865	-2.12375	0.01008827	0.27891	-3.58538	0.796897	1.10676	1.10676	0.0368087	3.385225	-2.59589	3.35206	8.212181	2.17785	1
gi	26514464	GNL1;PRR7;PRR3	0.0514246	0.865261	0.949603	-1.05307	0.374267	1.32009	1.32009	0.0601157	1.90732	1.90732	0.260706	0.699642	-1.4293	0.759199	1.09814	1.09814	0.05393336	0.5131641	-1.94689	0.0805024	1.80448	1.80448	0.0137534	2.52797	2.52797	0.0986616	1.73565	1.73565	3.35205	4.92204	1.30521	1
gi	26249958	C10orf41;ZNF503	0.0514246	0.444324	0.891345	-1.1219	0.197153	0.660095	-1.51501	0.161558	0.870801	-1.14837	0.253646	1.19225	1.19225	0.166335	1.26737	1.26737	0.02748099	1.469013	1.46901	0.507957	0.905681	-1.10414	0.175605	0.808613	-1.23689	0.124199	1.27833	1.27833	3.35205	1.115508	0.306301	1
gi	26514247	CCL24	0.0514247	0.226531	0.609285	-1.64127	0.149209	0.398504	-2.50939	0.0372467	0.389264	-2.56895	0.143711	0.541726	-1.84595	0.0304107	0.370542	-2.69875	0.0462982	0.410559	-2.4357	0.00547394	0.240412	-4.15952	0.0787917	0.466883	-2.14187	0.123741	0.521781	-1.91651	3.35205	8.083414	2.14347	1
gi	26486357	TEC	0.0514248	0.118522	1.59824	0.159824	0.179025	3.891778	1.891778	0.187852	3.77548	3.77548	0.168781	4.03817	4.03817	0.0448728	8.94923	8.94923	0.788244	1.2921	1.2921	0.00663227	28.624	28.624	0.00787844	22.4024	22.4024	0.0451361	8.918833	8.918833	3.35205	48.1075	12.757	1
gi	14941466	CCDC102B;TMX3;TMX3	0.0514274	0.646964	1.04515	1.04515	0.00637679	1.40488	1.40488	0.212257	1.13408	1.13408	0.830046	0.979626	-1.0208	0.0352199	1.26476	1.26476	0.73736	1.968283	-1.03276	0.0668761	0.821416	-1.21741	0.746916	0.969469	-1.03149	0.120585	1.17495	1.17495	3.35198	0.48684	0.129102	1
gi|30446684	HNMT BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHL	0.0514274	?	?	?	0.185685	0.56939	-2.71048	0.569271	0.669245	-1.49422	0.493696	1.62602	0.0574795	0.209214	-4.7798	?	?	?	0.00994005	0.8399901	-10.9062	0.0150293	0.105501	-9.47857	0.148646	0.331067	-3.02054	4.15296	23.5701	4.86471	1
gi	15309236	HB9;BHLHB9	0.0514276	0.0825232	9.02163	9.02163	0.860821	1.2223	1.2223	0.425307	2.53762	2.53762	0.479643	2.27491	2.27491	0.923451	1.1162	1.1162	0.2436951	0.247782	-4.0358	0.00296869	106.038	106.038	0.951387	1.07222	1.07222	0.0234187	22.139	22.139	3.35198	69.4552	18.4184	1
gi	50462141	GRK5	0.0514296	0.448519	0.75553	-1.32357	0.648769	2.846025	1.846025	0.225846	0.639729	-1.58665	0.0544702	1.49245	1.49245	0.857386	1.11564	1.11564	0.02742188	0.387951	-2.57764	0.00182698	0.202387	-4.99035	0.39799	0.67999	-1.47931	0.135857	0.558026	-1.79203	3.35193	6.99152	1.85459	1
gi	27508302	HSPA7	0.0514306	0.0302324	5.47697	5.47697	0.267731	2.16093	2.16093	0.0443505	4.67112	4.67112	0.203753	2.44798	2.44798	0.967814	1.0273	1.0273	0.145726	3.052579	-2.83624	0.869923	0.896388	-1.11559	0.0353213	0.13375	5.13375	0.0150665	7.34355	7.34355	3.3519	23.647	6.27092	1
gi	27482594	RASSF2;RASSF2	0.0514315	0.14363	3.0741	-1.42046	0.0553076	0.6157878	-1.6237	0.00319741	0.406991	-2.45709	0.668567	0.90829	-1.10097	0.0508675	0.608466	-1.64348	0.384424	0.8194	-1.2204	0.6560648	0.903188	-1.10719	0.160904	1.38639	1.38639	0.778288	0.998903	-1.00507	0.99188	2.64821	0.702281	1
gi	18223522	FAM58B	0.0514342	0.139224	2.864267	-1.15705	0.0356983	1.25114	1.25114	0.0452268	0.810115	-1.23439	0.110706	1.1727	1.1727	0.863036	1.01595	1.01595	0.545775	1.05764	1.05764	0.0217911	1.28707	1.28707	0.3679985	0.918732	-1.08846	0.4412231	1.07464	1.07464	3.35181	0.4460091	0.11828	1
gi	20071227	ZMAT4;ZMAT4	0.0514344	0.334915	0.819706	-1.21995	0.170216	1.339115	1.339115	0.0503044	0.6397	-1.56323	0.0917606	1.44941	1.44941	0.247125	0.824066	-1.21349	0.586611	1.11602	1.11602	0.233459	1.2837	1.2837	0.013754	0.543935	-1.83845	0.131569	0.722209	-1.38464	3.35181	2.12178	0.562689	1
gi	25475839	CDKA1	0.0514348	0.431238	0.852758	-1.17295	0.16785	0.0425859	0.477707	-2.09333	0.289352	0.808622	-1.23667	0.27804	0.80423	-1.24343	0.299108	0.812318	1.23104	0.8134	-1.22939	0.7955	0.8466	-1.18054	0.140564	1.35824	1.35824	0.464002	1.154846	1.154846	0.94584	0.08697	-1.0132	3.3518	1.08241	0.25752	1
gi	48123413	FBXL13;LRRC17;LRRC17;FBXL13	0.0514367	0.0634657	1.8866	1.8866	0.324891	0.734018	-1.36236	0.0115163	0.3824	-2.61506	0.244556	0.6905337	-1.44815	0.317785	0.730446	-1.36903	0.264681	0.702151	-1.4242	0.0784538	0.551801	-1.81225	0.390555	1.30683	1.30683	0.0331609	0.468844	-2.13291	3.35175	4.91142	1.30251	1
gi	19393496	CD244;CD244;CD244	0.0514373	0.0907902	0.454195	-2.2017	0.487417	0.576664	-1.73412	0.597568	0.707987	-1.25315	0.159074	0.528602	-1.89178	0.007304	0.231008	-4.32886	0.94094	0.960101	-1.03188	?	?	?	0.00737852	0.23167	-4.31649	0.108495	0.476344	-2.09932	3.40074	8.59033	2.52662	1
gi	16930576	SMTNL2;SMTNL2	0.0514379	0.4835224	0.80861	-1.23666	0.0978593	0.581742	1.89178	1.89178	0.1837819	0.6491122	1.54183	1.54183	0.0403431	2.48552	0.3804611	2.62922	0.6955114	1.12468	1.12468	0.661797	0.873267	-1.14511	0.167631	1.55076	1.55076	0.108374	1.68621	1.68621	3.35172	4.72387	1.25279	1
gi	54521508	FASN	0.0514379	0.538509	0.913764	-1.09437	0.0559757	1.36822	1.36822	0.0384503	1.41523	1.41523	0.417323	0.886892	-1.12753	0.391544	1.13556	1.13556	0.901216	0.982178	-1.01815	0.00732773	0.606149	-1.64976	0.604178	0.927063	-1.07868	0.326808	1.15789	1.15789	3.35172	1.13321	0.295227	1
gi	21056036	TUBA3C	0.0514383	0.0852797	2.770137	-1.7032	0.0259779	1.35364	1.35364	0.1508027	0.483789	-2.06702	0.468189	0.6917238	-1.44605	0.691249	1.44615	1.44615	0.2010502	2.395262	-2.52977	0.348296	1.94351	1.94351	0.623931	1.60337	-1.40186	0.00155568	0.6403742	-2.82759	3.35171	25.138	6.66671	1
gi	23372276	PAIP2;PAIP2	0.0514392	0.206216	0.725558	-1.37825	0.179092	1.40975	1.40975	0.473572	1.1917	1.1917	0.0746722	1.61245	1.61245	0.00767679	2.28046	2.28046	0.963132	0.98984	-1.01118	0.0567589	0.595211	-1.68008	0.163388	1.43036	1.43036	0.742534	0.923747	-1.08255	3.35169	3.07324	0.815042	1
gi|16603916	ECE1;ECE1;ECE1	0.0514394	0.108753	2.433894	-1.56089	0.0563161	0.573247	1.742444	0.2617328	1.742444	1.742444	0.361382	1.36542	1.36542	0.461822	1.39351	1.39351	0.4943133	0.806689	0.403999	-2.47426	0.1220003	0.741341	1.35936	0.123195	1.53645	1.53645	0.0676006	0.784829	-1.27416	0.03792211	0.538081	-1.85846	3.35169	3.96363	0.8934628	1
gi	30420952	TWIST1	0.0514396	0.101772	0.641246	-1.55946	0.450608	1.21007	1.21007	0.36723	1.25831	1.25831	0.0185981	0.492724	-2.02953	0.165675	0.692984	1.44303	0.0492883	0.57313	-1.7448	0.31364	0.7722	-1.295	0.30096	1.30456	1.30456	0.0624539	1.68229	1.68229	3.35168	1.26646	0.866287	1
gi|51127367	CCDC52	0.0514397	0.150902	0.421307	-2.37356	?	?	?	0.205692	2.11236	2.11236	?	?	?	?	0.0229189	0.211037	?	?	?	?	0.1021184	?	?	?	0.0706265	1.13325	1.13325	3.02286	10.4286	3.72178	1
gi	21274724	PITPNM3;PITPNM3	0.0514411	0.0594021	2.1	1.68853	0.617816	0.952444	-1.04993	0.706213	0.8706294	-1.10736	0.0187318	1.31777	1.31777	0.0227335	0.703579	0.703579	0.474479	1.07299	1.072299	0.0248642	1.28946	1.28946	0.2809855	0.897137	-1.11466	0.0820921	1.01313	1.01313	3.35164	0.649803	0.132083	1
gi	55546064	MDC1;MDC1	0.0514421	0.0717246	1.29843	1.29843	0.0769164	0.774538	-1.29109	0.214891	0.844028	-1.18479	0.721399	1.0476	1.0476	0.81733	1.03051	1.03051	0.744936	1.04331	1.04331	0.0127234	0.668911	-1.49497	0.5076	0.916394	-1.09123	0.0387727	1.36453	1.36453	3.35162	0.895468	0.237489	1
gi	21228957	FOXJ2	0.0514424	0.0493367	0.483316	-2.06918	0.0334977	0.52448	-1.90642	0.0555782	2.21763	2.21763	0.0440247	2.36959	2.36959	0.219729	1.62212	1.62212	0.942704	0.973436	-1.02729	0.2673687	1.648415	-1.54222	0.0777041	1.2008	1.2008	0.0418889	1.31561	1.31561	3.35161	7.45855	1.9781	1
gi|19417168	PUNS1	0.0514442	0.313544	-1.56589	-1.6762	0.25712	0.556505	-1.79693	0.120994	0.434644	-2.30073	0.0902777	0.3961756	-2.52381	0.101601	0.241142	2.4306	0.973024	1.0169	1.01691	0.8135823	0.914046	-1.09404	0.134626	1.14306	1.14306	0.425916	2.347388	3.35157	13.0348	3.45703	1
gi	16251457	C17orf56	0.0514449	0.64711	1.24908	1.24908	0.0122979	0.222142	-4.50162	0.0560729	0.352001	-2.8409	0.159434	2.06577	2.06577	0.0310629	0.294848	-3.39158	0.0277205	0.284002	-3.50998	0.399972	0.659851	-1.51546	0.650229	0.802303	-1.24641	0.37127	0.642119	-1.55734	3.35155	12.3588	3.27777	1
gi	2099410	TRIO	0.0516165	0.2745	1.37463	1.37463	0.2126	2.12326	2.12326	0.0516188	1.39092	1.39092	0.179014	1.38924	1.38924	0.0116388	1.61188	1.61188	0.2558624	1.23242	-1.23242	0.0115815	1.30379	1.30379	0.0600792	2.20222	2.20222	0.0317004	2.4839	2.4839	3.35154	7.34508	1.95043	1
gi	20697057	SLC23A1;SLC23A1	0.0514451	0.0848692	1.72617	1.72617	0.0323783	2.17465	2.17465	0.0823839	1.7354	1.7354	0.0978308	1.68256	1.68256	0.666608	1.13221	1.13221	0.269142	0.719138	-1.39055	0.0131278	2.41372	2.41372	0.0853468	1.72429	1.72429	0.424161	0.791484	-1.26345	3.35154	4.35667	1.15547	1
gi	30093825	USO1	0.0514457	0.6391958	1.11	1.11	0.0001	1.16112	1.16112	0.0614176	1.39011	1.39011	0.0664994	0.9239766	-1.08243	0.2732375	1.1657	1.1657	0.7433501	1.02401	1.02401	0.8643249	1.00215	1.00215	0.9855222	1.00215	1.00215	0.9855222	1.00215	1.00215	3.35154	0.0001	0.0001	1
gi	13335436	CCS;CCDC87	0.0514462	0.685143	0.936432	-1.06788	0.403202	0.871246	-1.14778	0.363748	1.16229	1.16229	0.327797	0.8498	-1.17675	0.379137	0.8646696	-1.15648	0.9069314	1.01903	1.01903	0.000932295	0.451075	-2.21692	0.604691	0.9193	-1.08778	0.733785	1.05654	1.05654	3.35152	1.37802	0.365478	1
gi	28291487	MYRIP	0.0514462	0.381304	1.61041	1.61041	0.191205	2.08407	2.08407	0.782291	0.863302	-1.15834	0.0214546	2.030809	-1.43258	0.084436	0.3632314	-2.75307	0.0358474	0.273705	-3.65356	0.965487	0.977302	-1.02323	0.382934	1.60766	1.60766	0.0232174	0.236979	-4.21979	3.35152	14.946	3.96397	1
gi	26975609	FASTK;FASTK	0.0514467	0.3072384	1.17264	1.17264	0.1568095	2.26277	2.26277	0.209227	0.1319922	0.87836	-1.13864	0.1966	1.19556	0.0139552	1.29555	1.29555	0.2723525	0.841341	-1.18887	0.0855057	0.693179	-1.44217	0.167588	0.965401	1.03604	1.03604	0.0975512	1.3154	1.3154	3.3515	1.320529	0.319668	1
gi	26118326	MC1;MC1L1	0.0514478	0.274823	0.539648	-1.85306	0.180721	2.16324	2.16324	0.101816	2.6441	2.6441	0.690681	0.804807	-1.24253	0.808958	0.876778	-1.14054	0.7529326	1.18702	1.18702	0.00792873	0.157479	-6.35005	0.0320613	3.90952	3.90952	0.392788	0.621709	-1.60847	3.35148	15.6451	4.14945	1
gi	5.22905E+07	SETX	0.0514503	0.0145107	3.0741	-1.83385	0.123579	0.665461	-1.50272	0.0647349	0.6049441	-1.65431	0.149441	0.5187217	-1.92754	0.501221	0.84794	-1.18016	0.3616264	0.8738	-1.4984	0.3183983	0.2359	-4.23933	0.0127775	0.518212	-1.92971	0.0196053	0.4179852	-2.39189	3.35147	8.304294	2.64191	1
gi	54587134	STAT1;STAT3;STAT3	0.051449	0.298465	0.559143	-1.78845	0.5915558	1.339335	1.339335	0.351681	0.596295	-1.67702	0.0853521	0.358453	-2.78977	0.13748	0.421958	2.36991	0.0529837	0.305368	-3.27473	0.0159144	0.203394	-4.91656	0.361979	1.65773	1.65773	0.00845776	0.163067	-6.13243	3.35144	15.445	4.09642	1
gi	60924902	ZFAT;ZFAT;ZFAT4S	0.0514494	0.4886669	1.16765	1.16765	0.308503	0.801534	-1.24761	0.0280733	0.56462	-1.7711	0.027961	0.564308	-1.77208	0.128039	1.43693	1.43693	0.344326	1.23939	1.23939	0.0271032	1.77971	1.77971	0.896304	0.971678	-1.02915	0.911572	1.02478	1.02478	3.35144	2.57683	0.683442	1
gi	13386205	KCND3;KCND3	0.0514504	0.3106167	1.17264	1.17264	0.1568095	2.27177	2.27177	0.1552455	1.32308	1.32308	0.4633296	1.32096	1.32096	0.0911233	1.52276	1.52276	0.3616264	1.2781	1.2781	0.1167313	1.32477	1.32477	0.3339223	1.33937	1.33937	0.3339223	1.33937	1.33937	3.35142	1.354497	0.338124	1
gi	19179896	RPAP1	0.0514512	0.0770933	0.743248	-1.34545	0.914449	0.16135	-1.01635	0.208497	2.22159	2.22159	0.0491667	0.712502	-1.4035	0.0291176	1.59341	1.59341	0.664321	0.936214	-1.06813	0.13327	1.27696	1.27696	0.523561	1.10251	1.10251	0.117614	1.29247	1.29247	3.35139	1.209955	0.320808	1
gi	24708831	CCDC85C;CCDC85C	0.0514514	0.0774883	1.65127	1.65127	0.2670272	0.6822	-1.46544	0.0954204	0.4429645	-2.25764	0.0882456	0.4426	-1.77028	0.0881958	0.693264	-1.44243	0.7624147	1.09851	1.09851	0.6881337	0.7911	-1.26419	0.2703	1.14114	1.14114	0.6247604	1.62767	1.62767	1.01745	1.14114	0.0001	0.0001	1
gi	19776795	AGBL4	0.0514526	0.9309999	0.974501	-1.02617	0.590859	0.850558	-1.1757	0.81583	1.07206	1.07206	0.8167839	1.07169	1.07169	0.0142287	0.405788	-2.46434	0.778241	1.08785	1.08785	0.00305532	0.298192	-3.35355	0.307034	1.37079	1.37079	0.356825	0.753782	-1.32664	3.35136	4.72156	1.25231	1
gi	13480205	KCNQ4;KCNQ4	0.0514534	0.0458283	2.247014	2.247014	0.143384	1.52602	1.52602	0.0578365	1.73727	1.73727	0.1552455	1.32096	1.32096	0.0911233	1.52276	1.52276	0.3616264	1.2781	1.2781	0.1167313	1.32477	1.32477	0.3339223	1.33937	1.33937	0.3339223	1.33937	1.33937	3.35136	1.354497	0.338124	1
gi	18086508	TDLLP;LOC255512	0.051453	0.788271	1.05754	1.05754	0.98004	1.004018	1.004018	0.270063	0.8256445	-1.21117	0.2218055	0.8170865	-1.22407	0.2108605	0.8602706	-1.16252	0.0516374	0.590907	-1.69231	0.633153	1.03852	1.03852	0.19654	0.796281	-1.25584	0.240468	0.81602	-1.22546	3.35133	0.7227	0.339106	1
gi	20298425	INTS8	0.0514554	0.634613	0.867859	-1.15226	0.00257306	0.29018	-3.44614	0.413777	0.780886	-1.2806	0.64964	0.873383	-1.14497	0.152648	1.57378	1.57378	0.0672873	0.544982	-1.83492	0.404135	1.2875	1.2875	0.357713	1.32312	1.32312	0.731456	0.903047	-1.10736	3.35129	4.65125	1.23369	1
gi	20796602	CUTA	0.0514557	0.118493	1.38359	1.38359	0.0407449	0.139677	-7.15935	0.259038	0.8643539	-1.15697	0.4119323	0.7676702	-1.73397	0.0181099	0.5934469	-1.68511	0.0970493	0.902748	-1.10807	0.0514944	0.13682	-7.30889	0.0148554	0.11047	-9.05657	0.0315599	0.2362598	-4.22657	3.3512	22.8451	6.05955	1
gi	17872285	SKI	0.0514594	0.577224	0.827102	-1.20904	0.984049	0.993284	-1.00676	0.313957	1.42054	1.42054	0.222871	0.649368	-1.53996	0.199513	0.6332239	-1.57918	0.375478	1.3588	1.3588	0.0246055	0.702826	0.209082	-4.7828	0.368922	0.732667	-1.36488	0.446055	0.769647	-1.2993	3.35119	0.63067	1.59961	1
gi	60490632	SPTJ2I1	0.0514598	0.147041	1.52564	1.52564	0.0985512	0.555934	-1.79884	0.0945556	0.569151	-1.75699	0.935545	0.978284	-1.0222	0.913234	1.03004	1.03004	0.75476	1.1988	1.1988	0.0031858	0.335129	-2.98392	0.92257	0.853167	-1.17214	0.365061	0.777315	-1.28648	3.35118	3.91054	1.16732	1
gi	68689122	O59;O59;O59;O59;O59;O59;O59;O59;O59;O59	0.05146	?	?	?	0.0504643	2.59026	2.59026	0.0749711	2.33701	2.33701	0.1806901	0.544034	-1.83812	0.217834	1.7418	1.7418	0.734721	1.15672	1.15672	?	?	?	0.0181262	0.32916	-3.03435	0.309944	0.637789	-1.56792	3.46127	7.81257	2.57959	1
gi	27472069	HDAC7;HDAC7	0.0514608	0.00786844	0.6381	-1.57776	0.859446	1.02399	1.02399	0.573281	0.926715	-1.07908	0.8057815	0.783038	-1.27708	0.191216	0.797616	-1.25374	0.0343713	0.718887	-1.39104	0.897193	0.982855	-1.01744	0.0834658	1.28577	1.28577	0.11339	0.794222	-1.25909	3.35115	0.949223	0.25178	1
gi	30796442	CDYL;CDYL;CDYL;CDYL	0.0514618	0.55568	1.4702	1.4702	0.1680955	0.555255	1.364432	0.0346253	1.34943	1.34943	0.0881581	0.789201	-1.26739	0.0337866	1.47504	1.47504	0.2124504	1.18099	1.18099	0.3037866	1.47504	1.47504	0.2002079	0.804581	-1.24288	0.402546	1.11909	1.11909	3.3511	0.366869	0.109391	1
gi	11846520	VRK3;ZNF473;ZNF473;VRK3	0.0514626	0.0308185	0.367591	-2.72041	0.0859415	2.10652	2.10652	0.0887126	2.09012	2.09012	0.989634	1.00511	1.00511	0.222044	0.604185	-1.65512	0.0277462	0.360082	-2.77714	0.74582	0.880118	-1.13621	0.148125	1.83878	1.83878	0.342173	1.46851	1.46851	3.35111	8.18115	2.17007	1
gi	14228812	PDZRN3	0.0514628	0.0327005	0.543301	-1.83385	0.123579	0.665461	-1.50272	0.0647349	0.6049441	-1.65431	0.149441	0.5187217	-1.92754	0.501221	0.84794	-1.18016	0.0212913	0.510863	-1.95747	0.0233579	0.518212	-1.92971	0.0196053	0.417852	-2.39189	0.0179552	0.4179852	-2.39189	3.35111	8.304294	2.64191	1
gi	24627299	MET;MET	0.0514639	0.146756	3.51584	-2.78675	0.00992833	0.11871	-8.42388	0.00532084	0.0905754	-11.0549	0.78944	0.839349	-1.1914	0.677446	0.760556	-1.31483	0.3210388	0.511506	-1.95578	0.046251	0.224264	-4.45706	0.0414992	0.222254	-4.49936	0.322296	0.512218	-1.95229	3.35108	22.7235	6.02751	1
gi	17579825	OZZ4	0.0514647	0.34244	0.882066	-1.1337	0.13935	1.22642	1.22642	0.102906	1.25723	1.25723	0.338249	0.881042	-1.13502	0.811474	1.03113	1.03113	0.646456	0.942468	-1.06104	0.939037	1.00986	1.00986	0.0121925	1.4929	1.4929	0.00878516	1.53439	1.53439	3.35106	0.0735474	0.231721	1
gi	47491846	C10orf58;C10orf58	0.0514649	0.00128704	0.648613	0.648613	0.0143384	1.52602	1.52602	0.0578365	1.73727	1.73727	0.1552455	1.32096	1.32096	0.0911233	1.52276	1.52276	0.3616264	1.2781	1.2781	0.1167313	1.32477	1.32477	0.3339223	1.33937	1.33937	0.3339223	1.33937	1.33937	3.35106	1.354497	0.338124	1
gi	27012128	DLGAP2	0.0514653	0.186571	0.716794	-1.3951	0.0306308	1.82939	1.82939	0.106706	1.52022	1.52022	0.164606	0.702862	-1.42275	0.37443	0.805088	-1.2421	0.486485	1.18311	1.18311	0.0115097	2.09348	2.09348	0.174753	1.40953	1.40953	0.615646	0.886589	-1.12792	3.35104	3.00139	0.796141	1
gi	20074096	PAPOLB;RADIL	0.0514654	0.0175853	1.55004	1.55004	0.0173911	0.58053	-1.58053	0.0178733	0.54032	-1.84032	0.0109912	1.30696	1.30696	0.0114296	0.75738	0.75738	0.1720183	1.1868	1.1868	0.0063964	1.84059	1.84059	0.0084937	1.87092	1.87092	0.0073585	1.6617	1.6617	3.3511	22.4052	5.8001	1
gi	27464296	FDXR;FDXR PCDH4C;PCDH42;PCDH41;PCDH40;PC DH47;PCDH41;PCDH4C;PCDH45;PCDH	0.0514662	0.03281	0.211552	-4.72697	0.986802	1.01034	1.01034	0.0397057	0.227764	-4.39051	0.899782	0.924616	-1.08153	0.00236048	0.07145888	13.9941	0.11181	0.340535	-2.93656	0.4792	0.639232	-1.56438	0.334486	0.538379	-1.85743	0.159871	0.392895	-2.54521	0.31502	20.5379	5.44787	1
gi|26544430	A11;PCDH41;PCDHA10;PCDHA3;	0.0514666	0.0135208	7.09039	7.09039	0.0298992	5.14044	5.14044	0.14574	2.72059	2.72059	0.218295	2.29279	2.29279	0.814084	1.16294	1.16294	0.9914	0.993118	-1.00693	0.0460019	4.32908	4.32908	0.0131285	7.17696	7.17696	0.0373203	4.70449	4.70449	3.35101	21.7919	5

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. 1117)	Fold-Change(1127 vs. 1117)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(471 vs. N)	Fold-Change(471 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(563T 63T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24523365	MEF2A;MEF2A;MEF2A	0.0515205	0.124806	1.80719	0.807159	0.660869	0.11938	1.17038	0.145585	1.74456	1.74456	0.188668	1.64215	1.567528	0.822796	-1.21537	0.0851693	1.96961	1.96961	0.00606524	1.47395	3.47395	0.03967874	3.29139	3.29139	0.74733	0.801261	-1.12201	1.34867	6.72871	1.78557	1
cg07793808	KDM2B;KDM2B	0.0515211	0.447981	0.740316	-1.35078	0.387798	1.41081	1.41081	0.00390024	4.53045	4.53045	0.883826	1.0585	1.0585	0.152097	0.519658	1.92434	0.309311	1.50544	1.50544	0.0657046	0.447973	-2.23228	0.437704	0.735061	-1.36043	0.693386	0.857211	-1.16657	3.49665	8.02006	2.12826	1
cg01901841	CYC1	0.0515213	0.173133	0.682302	-1.46563	0.977838	1.00735	1.00735	0.243903	1.37924	1.37924	0.0134156	0.445982	-2.24224	0.934012	0.978398	-1.02208	0.0274955	0.502779	-1.98895	0.92784	0.976395	-1.02418	0.0337329	1.92312	1.92312	0.716514	1.10095	1.10095	3.34965	3.68977	0.979145	1
cg23526712	DCTN2	0.0515223	0.423863	0.800212	-1.24964	0.1126157	1.29356	2.32955	0.0868962	1.67508	1.67508	0.620654	1.34582	1.34582	0.213715	0.7101794	-1.4081	0.0730486	0.579561	-1.72544	0.198172	1.44927	1.44927	0.0416645	1.89784	1.89784	0.7974805	1.07268	1.07268	3.49612	3.94917	1.04799	1
cg09177473	MIR1256	0.0515225	0.659453	1.28533	0.2853183	0.0587115	0.298596	-3.349	0.501606	0.679738	-1.47115	0.0373972	0.254806	-3.92455	0.176858	0.194557	-5.12933	0.415343	1.62021	1.62021	0.0846046	0.339659	-2.94378	0.0133423	0.176384	-5.66943	0.166078	0.433448	-2.30703	3.34662	16.9973	4.51058	1
cg07053481	TMEM185A	0.0515241	0.128821	2.54764	2.54764	0.286129	0.531999	-1.8797	0.874209	0.99369	-1.00446	0.300113	0.54239	-1.84369	0.159307	0.424467	-2.35589	0.117249	2.63634	2.63634	0.419863	0.62528	-1.59928	0.0390116	0.900888	0.900888	0.0111992	5.96324	5.96324	3.34958	17.2197	4.56965	1
cg09664357	SLR;SLR	0.0515245	0.193045	0.764236	-1.3085	0.244123	0.788312	-1.26853	0.525519	1.1338	1.1338	0.259598	1.25804	1.25804	0.0704446	0.673902	-1.4839	0.0928935	1.43458	1.43458	0.0261879	1.67344	1.67344	0.0551337	0.654144	-1.52872	0.28012	0.803198	-1.24502	3.34957	2.02128	0.536394	1
cg07381110	PITPNA	0.0515246	0.771807	1.14523	1.14523	0.609025	1.57725	2.57725	0.0220564	1.67142	1.57142	0.015909	1.25147	1.25147	0.0563888	0.564994	-2.73977	0.764017	1.1508	1.1508	0.2015759	0.5346853	-1.86966	0.123344	2.37858	2.37858	0.1364886	1.54394	1.54394	3.34957	11.5451	3.06377	1
cg10801634	PPMT5;PPMT5	0.0515249	0.697902	0.950276	-1.05233	0.890047	0.982076	-1.01825	0.0169353	1.46356	1.46356	0.373959	1.12648	1.12648	0.785205	1.03637	-1.03637	0.2010742	1.19312	1.19312	0.0451395	0.740407	-1.35061	0.0851961	1.28254	1.28254	0.0423862	0.736633	-1.35753	3.34956	0.9070022	0.340701	1
cg10145022	PDCD5	0.0515263	0.436863	1.10589	1.10589	0.114878	1.24305	1.24305	0.00273097	1.6904	1.6904	0.733086	0.957491	-1.0444	0.698132	1.0507	1.0507	0.866093	1.02165	1.02165	0.0322185	1.37479	1.37479	0.16045	1.20958	1.20958	0.0385504	1.35544	1.35544	3.34952	0.8543725	0.226705	1
cg21807456	XAB2;LOC101031801;LOC100131801	0.051527	0.0996508	1.743078	-1.35079	0.145853	1.1457	1.1457	0.233402	1.22828	1.22828	0.887009	0.959734	1.02367	0.108822	1.0904	1.3335	0.12747	1.762437	1.762437	0.1158	0.0193079	0.627709	1.5911	0.79016	1.04487	1.04487	0.02089556	1.52912	1.52912	3.34951	1.43678	0.381291	1
cg18082337	ZIC4;ZIC4;ZIC4	0.0515277	0.038152	0.6641704	-1.55835	0.084609	0.113062	-1.84467	0.206038	4.59232	4.59232	0.232124	0.231639	-4.31706	0.01496	0.0327393	-30.5443	0.241933	1.246676	-4.05391	0.417577	2.5772	2.5772	0.245269	0.249348	-4.00146	0.0221688	0.0435416	-22.9665	3.34949	68.2912	18.3859	1
cg27431996	C2orf144A;NECAB3;NECAB3	0.0515278	0.491568	0.8816525	-1.13427	0.0020365	0.454428	-2.19092	0.538374	0.869733	-1.1198	0.398181	0.855557	-1.16883	0.303523	0.693368	-1.47139	0.600512	0.834496	-1.19833	0.0225234	0.324453	-3.08139	0.0133	0.951464	-1.05101	0.160192	0.762923	-1.31075	3.34949	3.72533	0.4578868	1
cg22732955	FMR1NB	0.0515282	0.0109136	0.0823585	-12.145	0.0385454	0.153672	-6.50735	0.07275	0.209224	-4.77956	0.113475	0.260935	-3.84164	0.0147224	0.0957454	-10.4444	0.148249	0.297624	-3.35995	0.0371102	0.150871	-6.62819	0.162916	0.312255	-3.20252	0.0401629	0.156778	-6.37864	3.34948	32.3952	8.59707	1
cg21526899	PLD1;PLD1	0.0515282	0.3979	0.807025	-1.23912	0.999637	1.00011	1.00011	0.0578522	0.587911	-1.70094	0.386625	0.80266	-1.24586	0.040826	0.55721	-1.79466	0.0038624	0.381303	-2.62259	0.0328994	0.512949	-1.94951	0.730079	0.08958	0.18916	0.170406	0.710491	-1.41864	3.34948	3.25473	0.863745	1
cg04482879	DENND4A;DENND4A	0.0515283	0.0957104	1.88853	1.88853	0.279076	0.489	-1.27189	0.1748	1.8704	1.8704	0.874629	0.703345	-1.42203	0.0555633	0.317782	-3.14644	0.0600512	0.81779	-1.1833	0.0222634	0.390907	-2.55815	0.784004	0.0914019	-1.09386	0.0144206	0.815175	-1.22671	3.34948	6.2362	1.864571	1
cg13645001	CMAS	0.0515293	0.25336	1.52178	1.52178	0.802331	0.915499	-1.0923	0.541914	0.804679	-1.24273	0.494585	1.27651	1.27651	0.00491223	0.269359	-3.71252	0.0602461	0.474293	-2.1084	0.0719409	0.22801	0.22801	0.435502	-2.29558	0.755758	-1.32317	0.466396	2.29807	1.29807	0.394557	1.74408	1
cg23609672	MYBPH CCNL2;CCNL2;CCNL2;CCNL2;LOC148411	0.0515298	0.457859	0.8174646	-1.22332	0.143882	0.65792	-1.51994	0.00865671	0.409686	-2.44089	0.943522	0.10907	1.10907	0.0093009	0.3385555	-2.95373	0.737701	0.914279	-1.09376	0.738479	0.109345	0.109345	0.561115	0.854969	-1.16963	0.244287	0.722377	-1.38374	3.34944	3.37139	1.00087	1
cg00968800	3	0.0515309	0.0819619	0.182511	-5.47913	0.093113	0.193383	-5.17108	0.350371	0.425276	-2.35141	0.235077	0.330552	-3.02524	0.0274715	0.0983061	-10.1723	0.0898183	0.189508	-5.27683	0.00557233	0.0392182	-25.4984	0.0235245	0.0901592	-11.0915	0.0442336	0.127993	-7.81293	3.34941	41.972	11.1388	1
cg10758454	TOX	0.0515324	0.647474	0.916412	-1.09123	0.408345	0.851878	-1.17358	0.0435267	0.670757	-1.49085	0.856528	0.964274	1.03691	0.0737117	0.660108	-1.51468	0.0207587	1.60509	1.60509	0.0178934	1.72556	1.72556	0.217068	1.28321	1.28321	0.90291	1.0234	1.0234	3.34937	1.90633	0.505919	1
cg16859636	DIP2C;C10orf108	0.0515336	0.0113834	0.245959	-4.06573	0.0376239	0.311464	-3.01692	0.126508	0.46915	-2.13152	0.763816	0.871121	-1.14795	0.0756245	0.404342	-2.47315	0.921919	1.04591	1.04591	0.0134497	0.233426	-4.26871	0.026756	0.300716	-3.32539	0.475681	0.71742	-1.39388	3.34934	11.1205	2.9513	1
cg11730961	SPX;LSPX0	0.0515338	0.0508378	0.71717	-1.39504	0.19558	0.14111	1.1021	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0403514	0.737162	-1.35647	0.0179742	0.1706	0.165625	0.23584	0.147792	0.12589	0.115496	0.12653	0.12653	3.34934	0.9186	0.2882709	1
cg16646905	ZNF790	0.0515354	0.158652	1.15864	1.15864	0.922643	1.00954	1.00954	0.894646	0.987135	-1.01303	0.0117645	1.36002	1.36002	0.375578	1.09294	1.09294	0.7276915	0.966416	-1.03475	0.8662839	0.831251	-1.20301	0.8036	1.02465	1.02465	0.0159047	0.749336	-1.33451	0.349333	0.5066115	0.134452	1
cg15131629	UTRN	0.0515347	0.0190875	0.185346	-5.39531	0.105654	0.349867	-2.85823	0.0608901	0.12584	-7.94662	0.177517	0.426793	-2.34306	0.050708	0.266389	-3.75391	0.330895	0.550966	-1.81499	0.0385503	0.241707	-4.13724	0.254051	0.492801	-2.02922	0.0256724	0.207084	-4.82895	3.34932	18.7257	4.96968	1
cg20250594	LY6;LY9	0.0515371	0.0211492	0.224215	-4.45961	0.0736357	0.0135	-2.1807	0.0135	0.16332	1.0026	-2.07606	0.63564	0.791938	-1.26273	0.65776	0.793031	0.600512	0.833496	-1.1833	0.0222634	0.390907	-2.55815	0.784004	0.0914019	-1.09386	0.0144206	0.815175	-1.22671	3.34932	6.2362	1.864571	1
cg09588457	GYPC;GYPC	0.0515375	0.102368	0.236551	-4.22742	0.0188132	0.100739	-9.92663	0.0130175	0.0833393	-11.9991	0.032753	0.133381	-7.49732	0.0587788	0.17882	-5.59221	0.781957	0.799516	-1.25076	0.0302899	0.128238	-7.79802	0.616521	0.66552	-1.50258	0.0530507	0.169853	-5.88745	3.34925	34.4986	9.15593	1
cg22533992	SAMD12	0.0515376	0.51364	0.799585	-1.25094	0.806553	1.08863	1.08863	0.682854	1.15236	1.15236	0.618141	0.860201	1.08945	0.0947838	0.2370005	-4.16887	0.352353	1.39152	1.39152	0.1615502	0.860201	-2.73972	0.0731189	0.599207	1.10927	0.0439467	0.452383	1.45781	3.34925	6.32182	1.67781	1
cg08014499	IGF2AS;IGF2;IGF2R;IGF2;IGF2AS	0.0515375	0.839295	1.1096	1.1096	0.530071	1.3851	1.3851	0.259018	1.8278	1.8278	0.0506869	1.12791	1.12791	0.706325	0.835279	1.1972	0.250909	1.54096	-1.84857	0.848981	1.10256	1.10256	0.0205258	1.22485	1.22485	0.2482	1.13743	1.26901	2.26901	3.34925	13.9138	3.69273	1
cg00055292	RAD4L	0.0515377	0.0255088	0.232582	-4.29955	0.0465912	0.285858	-3.49824	0.130362	0.407488	-2.45406	0.300543	0.554614	-1.80306	0.0165179	0.200023	-4.99943	0.059905	0.311462	-3.21067	0.0948217	0.366454	-2.74232	0.0117317	0.177283	-5.6407	0.046965	0.286638	-3.48872	3.34924	16.0169	4.25082	1
cg12045430	WASHSP	0.0515384	0.647474	0.916412	-1.09123	0.408345	0.851878	-1.17358	0.0435267	0.670757	-1.49085	0.856528	0.964274	1.03691	0.0737117	0.660108	-1.51468	0.0207587	1.60509	1.60509	0.0178934	1.72556	1.72556	0.217068	1.28321	1.28321	0.90291	1.0234	1.0234	3.34937	1.90633	0.505919	1
cg09418679	LRRC32;LRRC32	0.05154	0.320584	0.724907	-1.37949	0.192874	0.649218	-1.54031	0.0194	0.412275	-2.42577	0.136613	0.604896	-1.65318	0.0107671	0.24757	-4.03926	0.112815	0.582134	-1.71782	0.784382	0.917617	-1.08978	0.466926	0.792901	-1.26119	0.262271	0.693213	-1.44256	3.34918	5.21231	1.38337	1
cg09658887	EXOC4;EXOC4	0.0515403	0.0185146	0.179739	-5.56179	0.0158514	0.0135	-2.18231	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0403514	0.737162	-1.35647	0.0179742	0.1706	0.165625	0.23584	0.147792	0.12589	0.115496	0.12653	0.12653	3.34918	0.9186	0.2882709	1
cg20002720	GLTP	0.0515408	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.8732226	0.963454	-1.03793	0.126018	1.47797	1.47797	0.333907	1.26293	1.26293	0.156215	1.42949	1.42949	3.67922	2.7556	0.655344	1
cg19499748	TRL;TRL	0.0515411	0.19684	1.10715	1.10715	0.108533	0.877583	-1.11949	0.102761	0.875322	-1.14244	0.353247	1.07385	1.07385	0.51091	1.051	1.051	0.61086	0.962443	-1.03902	0.0633944	0.767124	-1.30357	0.0972777	1.14539	1.14539	0.491462	0.949209	-1.05351	3.34916	0.2951158	0.0783369	1
cg01137471	DMRT1	0.0515424	0.242463	0.886425	-1.12784	0.452475	0.354	-2.82455	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0939334	0.385124	-2.59683	0.0384757	0.138613	-7.2132	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34916	10.877	2.88084	1
cg13941801	C9orf130	0.0515418	0.547947	0.906754	-1.10284	0.809325	1.03969	1.03969	0.0190302	0.633161	-1.57938	0.411076	0.873434	-1.14491	0.403885	0.871525	-1.14741	0.0746205	0.726342	-1.37676	0.0520321	1.42739	1.42739	0.0334675	1.49183	1.49183	0.300604	1.841402	-1.18849	3.34914	1.37483	0.364892	1
cg09193448	WRNIP1;WRNIP1	0.0515426	0.1006248	0.1976	-5.06127	0.0204349	0.342779	-2.78279	0.658264	0.244821	-4.08393	0.0454208	0.0135	0.0135	0.0135	0.0135	-74.0741	0.3343674	0.73456	-1.36161	0.0656269	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34902	0.178709	-1.43567	0.0135	1
cg10674105	ATOX1	0.0515471	0.985915	0.00246	1.00246	0.566542	0.922571	-1.08393	0.0388644	1.39469	1.39469	0.570956	1.08292	1.08292	0.0999065	0.582537	-1.71663	0.933632	0.988481	-1.01165	0.823115	0.969336	-1.03163	0.457076	1.1111	1.1111	0.0776559	0.760321	-1.31523	3.34901	1.02635	0.272411	1
cg13386353	RUVBL2;GYS1;GYS1;GYS1	0.0515488	0.183391	0.834767	-1.19794	0.382435	1.12143	1.12143	0.0263814	1.4006	1.4006	0.76174	0.96184	-1.03967	0.8843265	0.78324	-1.27675	0.332707	1.13638	1.13638	0.0171022	0.688434	-1.45046	0.207366	1.18544	1.18544	0.381795	1.12161	1.12161	3.34899	0.86828	0.230459	1
cg10809193	TUBB4Q	0.0515529	0.0209892	0.2289	-4.36911	0.0249759	0.0135	-2.18308	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34899	0.178709	-1.43567	0.0135	1
cg15866393	GAUNT9	0.0515494	0.311651	1.95941	1.95941	0.0103359	0.97314	2.97314	0.0954967	3.24431	3.24431	0.371521	1.80333	1.80333	0.19136	1.2612	1.2612	0.423966	1.69007	1.69007	0.0184218	0.159212	-6.28092	0.343504	1.87217	1.87217	0.270539	1.478439	-2.09013	3.34895	21.9039	5.8138	1
cg04096300	PTPN2;PTPN2;PTPN2	0.0515495	0.0243092	0.2455	-4.07327	0.0212243	0.0135	-2.18668	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34895	0.178709	-1.43567	0.0135	1
cg04129548	IRS1	0.0515495	0.255125	0.782203	-1.27844	0.00752454	0.03624	2.03624	0.244336	1.28636	1.28636	0.138711	1.39031	1.39031	0.539888	0.879584	-1.1369	0.79836	1.05435	1.05435	0.00749905	0.03719	2.03719	0.802928	1.05306	1.05306	0.638772	1.10269	1.10269	3.34895	2.26721	0.601771	1
cg01805910	RPL24	0.0515502	0.0205647	0.2256	-4.43303	-1.59995	0.0135	-2.19787	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34894	0.178709	-1.43567	0.0135	1
cg20325060	METTSD1;METTSD1	0.0515504	0.656852	0.93026	-1.06945	0.744607	1.0459	1.0459	0.744101	1.04208	1.04208	0.801422	1.03859	1.03859	0.754605	0.962282	-1.03703	0.963782	0.98423	-1.01171	0.0418665	1.96282	1.96282	0.273703	1.18666	1.18666	0.0637896	1.36763	1.36763	3.34885	1.19732	0.357906	1
cg08130275	FNDC3B;FNDC3B	0.0515551	0.101011	0.368272	-2.71538	0.0314603	0.245768	-4.06888	0.0118239	0.174072	-5.74475	0.105237	0.373617	-2.67654	0.0459449	0.280171	-3.56924	0.09989	0.366832	-2.72604	0.0383842	0.263295	-3.79802	0.65702	0.779921	-1.28218	0.0156967	0.192622	-5.19152	3.34881	16.4077	4.35517	1
cg22735612	ATN1	0.0515562	0.0126727	0.1945	-5.14064	0.0154264	0.118434	-3.18814	0.600972	0.7476	-1.3378	0.0975157	0.19135	1.19135	0.0975157	0.540113	-1.85113	0.327202	0.77388	-1.29214	0.0473557	0.184004	-5.43501	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34881	0.178709	-1.43567	0.0135	1
cg16480303	ABR;ABR	0.0515579	0.680912	1.11136	1.11136	0.0418401	1.8203	1.8203	0.0102957	2.2833	2.2833	0.656057	1.12127	1.12127	0.0806194	0.609689	-1.64018	0.139916	1.50017	1.50017	0.815889	0.94218	-1.06137	0.789402	1.07075	1.07075	0.0256175	1.96818	1.96818	3.34874	3.45488	0.918018	1
cg09234621	NPTXR	0.0515581	0.193975	0.759954	-1.31569	0.139545	0.760233	-1.3154	0.0422362	1.45527	1.45527	0.0084994	0.568381	-1.75918	0.817461	0.996927	-1.00358	0.281169	0.828868	1.2069	0.0454586	0.680443	-1.4692	0.239076	0.813019	-1.22998	0.523208	0.814575	1.11475	3.34873	1.49408	0.396827	1
cg18703721	USP54	0.0515597	0.852569	1.0514	1.0514	0.152861	0.620535	1.61049	0.0106203	0.42066	-2.37721	0.0647504	0.571855	-1.7487	0.0763292	0.587876	-1.70104	0.394038	0.790414	-1.26516	0.00592688	0.379205	-2.63707	0.0464608	0.670587	-1.49123	0.0786508	0.506849	-1.60248	3.34871	3.84946	1.02181	1
cg22887748	ELK1;ELK1	0.0515599	0.448184	1.26973	1.26973	0.692965	1.13043	1.13043	0.572538	1.19264	1.19264	0.210425	1.50339	1.50339	0.514914	0.8154454	-1.22631	0.642363	0.739002	-1.35318	0.0216511	0.168101	-5.94882	0.759354	1.21982	1.21982	0.641134	1.35471	1.35471	3.34833	22.1795	5.88804	1
cg22495155	PTCD2	0.0515605	0.189588	0.8316	-1.20247	0.3154	0.864687	-1.15724	0.0576868	0.687	-1.45534	0.0623289	0.794419	-1.25901	0.141348	1.84724	0.00952	1.44487	0.2010754	0.40268	-2.48089	0.140486	-7.12048	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34833	0.178709	-1.43567	0.0135	1
cg20693706	CBX7	0.0515751	0.601205	0.897997	-1.11359	0.782378	0.945076	-1.05812	0.583183	1.1197	1.1197	0.0244811	0.57882	-1.72765	0.00802144	0.5005	-1.9998	0.00853802	0.504272	-1.98306	0.2287767	0.798382	-1.25253	0.920263	0.97978	-1.02064	0.8883777	1.02907	1.02907	3.34831	2.20718	0.585948	1
cg08784247	MIR618;LIN7A	0.0515757	0.0682109	0.290647	-3.44103	0.0332972	0.0135	-2.18222	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34831	0.178709	-1.43567	0.0135	1
cg23938645	RPTOR;RPTOR	0.0515576	0.0270188	0.411552	-2.42983	0.0447905	0.276603	-3.61528	0.0534764	0.475333	-2.10379	0.574584	0.825049	-1.21205	0.0407528	0.448809	-2.22767	0.0166165	0.512811	-1.95004	0.395198	0.744327	-1.3435	0.0459701	0.460434	-2.17187	0.363297	0.728465	-1.37275	3.34829	0.09755	1.61875	1
cg08079387	LOC93854;BRD1	0.0515765	0.117835	1.95522	1.95523	0.0110145	3.52238	3.52238	0.25581	1.59734	1.59734	0.0189748	3.06949	3.06949	0.214364	0.596843	-1.67548	0.357141	1.45339	1.45339	0.246711	0.619876	-1.61323	0.332483	1.48396	1.48396	0.0810654	2.14609	2.14609	3.34828	8.26589	2.1944	1
cg12309592	TNNC1	0.0515766	0.762827	1.09163	1.09163	0.645122	1.36247	1.36247	0.18057	1.03559	1.03559	1.0477	1.0477	1.0477	0.313432	0.880098	-1.13636	0.0735195	0.907317	1.10181	0.405511	0.88608	-1.12858	0.0027151	0.396638	2.52	0.0144382	0.757264	1.32054	3.34824	0.64943	0.119291	1
cg06376233	TPR3	0.0515792	0.244827	0.646957	-1.5457	0.0322003	0.407401	-2.45458	0.0185925	0.360085	-2.77712	0.0294276	0.399289	-2.50445	0.0955976	0.519725	-1.92409	0.0553122	0.459272	-2.17736	0.0678928	0.480961	-2.07917	0.0137007	0.335838	-2.97762	0.0614778	0.470443	-2.12566	3.34821	6.7943	1.80376	1
cg16179720	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0515795	0.0209203	0.2372	-4.21609	0.0227503	0.0135	-2.18554	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	3.34821	0.178709	-1.43567	0.0135	1
cg26351934	TARS2	0.0515797	0.214754	1.24835	1.24835	0.645146	0.924259	-1.08195	0.0793409	0.718337	-1.3921	0.00407041	1.92507	1.92507	0.154591	1.29537	1.29537	0.85279	0.968941	-1.03205	0.406813	0.865773	-1.15504	0.181392	0.785851	-1.27251	0.920998	1.01699	1.01699	3.3482	1.52985	0.406148	1
cg06884559	ZCIH18	0.05158	0.937703	1.01201	1.01201	0.0515268	1.40277	1.40277	0.197637	1.23115	1.23115	0.0658261	0.729641	-1.37054	0.0276383	0.671902	-1.48831	0.327236	1.167	1.167	0.115637	1.28844	1.28844	0.473066	1.11788	1.11788	0.0644379	1.37332	1.37332	3.34819	1.23651	0.328273	1
cg19238448	DAB1;MIR1459	0.0515802	0.0166374	0.162083	-6.16528	0.0162528	0.0135	-2.18668	0.0135	0.0135	-74.0741	0.0135	0.0135	0.0135	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135	0.0135	-74.0741	0.0135

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25773620	PLCD1	0.0516438	0.768366	0.826234	-1.21031	0.71665	1.26563	1.26563	0.0246888	5.6334	5.6334	0.283732	0.486854	-2.05401	0.208729	0.424655	-2.35485	0.643449	0.739883	-1.35157	0.856623	0.889684	-1.12399	0.00363499	12.7191	12.7191	0.883121	0.909303	-1.09974	3.34661	22.1403	5.88065	1
cg15602972	DACT3	0.0516448	0.0771375	0.669519	-1.49361	0.527624	1.13956	1.13956	0.992119	0.997986	-1.00202	0.0802479	0.672905	-1.48609	0.925292	1.01933	1.01933	0.0626459	1.53368	1.53368	0.068727	1.51573	1.51573	0.555176	1.12956	1.12956	0.0162848	0.548966	-1.82161	3.34659	2.20882	0.586687	1
cg14271505	CCDC43;CCDC43	0.0516455	0.487487	1.1156	1.1156	0.106466	0.760821	-1.31437	0.125828	1.29288	1.29288	0.299714	0.846482	-1.18136	0.0164963	0.634893	-1.57507	0.561028	1.09544	1.09544	0.0409246	0.693577	-1.4418	0.627763	1.07872	1.07872	0.0839775	1.34518	1.34518	3.34657	1.27463	0.338556	1
cg23596826	DIP2C	0.0516455	0.932078	0.971304	-1.02954	0.0398695	0.444228	-2.2511	0.693321	0.87339	-1.14496	0.0688594	2.00458	2.00458	0.016408	0.367235	-2.72305	0.905466	0.960234	-1.04141	0.669107	0.863432	-1.15817	0.0344888	2.32151	2.32151	0.417634	1.32698	1.32698	3.34657	6.18311	1.64231	1
cg27192418	DMD;DMD;DMD;DMD;DMD	0.0516468	0.16097	1.56478	1.56478	0.267807	1.41224	1.41224	0.0750702	0.552801	-1.80897	0.380315	0.76406	-1.3088	0.00374804	0.310291	-3.22278	0.425066	1.27582	1.27582	0.958773	0.984661	-1.01558	0.308382	1.37063	1.37063	0.450559	0.794622	-1.25846	3.34654	4.73947	1.25887	1
cg05727199	EXPH5;EXPH5;EXPH5;EXPH5	0.051647	0.0200274	0.232791	-4.2957	0.475536	0.686029	-1.45766	0.651854	0.789864	-1.26604	0.19789	0.493203	-2.02756	0.0179402	0.224515	-4.45405	0.0868935	0.374565	-2.66977	0.00657574	0.159924	-6.25298	0.0366872	0.283449	-3.52798	0.359703	0.613177	-1.63085	3.34653	14.2971	3.79752	1
cg20973396	HLA-F;HLA-F;HLA-F	0.051647	0.0510535	0.545938	-1.83171	0.468137	0.817857	-1.22271	0.221085	1.41958	1.41958	0.22544	0.70698	-1.41447	0.074577	0.582145	-1.71778	0.21875	0.703054	-1.42237	0.218196	0.702725	-1.42303	0.0235233	2.08925	2.08925	0.13112	1.5589	1.5589	3.34653	3.9321	1.04443	1
cg25292316	ENGASE	0.051647	0.942754	0.980375	-1.02002	0.0248	2.09053	2.09053	0.0740648	1.73221	1.73221	0.585151	0.858874	-1.16431	0.0906084	0.597761	-1.67291	0.274406	1.36871	1.36871	0.0090831	2.49663	2.49663	0.96673	1.01158	1.01158	0.560449	0.850043	-1.17641	3.34653	4.03711	1.07232	1
cg25008795	PRDM16;PRDM16	0.0516503	0.586066	1.13018	1.13018	0.0142792	1.9592	1.9592	0.00642791	2.20099	2.20099	0.403689	0.826808	-1.20947	0.251897	0.766137	-1.30525	0.465522	1.17974	1.17974	0.910319	0.975234	-1.02539	0.209388	0.74493	-1.34241	0.929028	0.980368	-1.02002	3.34645	2.62537	0.697355	1
cg03915012	GAK	0.0516503	0.209566	1.83442	1.83442	0.511322	0.736667	-1.35747	0.0948396	0.430762	-2.32147	0.156111	2.00591	2.00591	0.375177	0.658643	-1.51827	0.104998	0.443641	-2.25407	0.0141639	0.249399	-4.00964	0.0495558	2.79531	2.79531	0.986058	0.992015	-1.00805	3.34645	11.1554	2.96312	1
cg11577174	CECR7	0.0516509	0.0170472	0.301384	-3.31802	0.0123045	0.276512	-3.61648	0.264096	0.618783	-1.61608	0.539424	0.773987	-1.29201	0.0330331	0.357768	-2.79511	0.0460791	0.389638	-2.56648	0.0236438	0.328202	-3.0469	0.0768	0.444186	-2.25131	0.115649	0.494003	-2.02428	3.34643	9.01172	2.39372	1
cg00455883	PPP4R2	0.0516519	0.373175	1.1418	1.1418	0.0187239	0.661492	-1.51173	0.0983595	0.768786	-1.30075	0.0294342	1.45064	1.45064	0.810075	0.965679	-1.03554	0.0552066	1.37063	1.37063	0.212158	0.826443	-1.21001	0.956937	1.00786	1.00786	0.669981	0.939711	-1.06416	3.34641	1.11508	0.296194	1
cg08267489	C6orf176;C6orf176;LOC441177	0.0516522	0.0416935	0.783171	-1.27686	0.0783767	1.22573	1.22573	0.441157	1.0852	1.0852	0.655198	1.0479	1.0479	0.126709	1.18763	1.18763	0.648088	0.953291	-1.049	0.999605	1.00005	1.00005	0.0286487	1.3083	1.3083	0.0151017	1.36454	1.36454	3.3464	0.574298	0.152548	1
cg25656514	WAC;WAC;WAC	0.0516537	0.14601	0.57023	-1.75368	0.251339	1.53932	1.53932	0.77542	1.10843	1.10843	0.375118	1.38767	1.38767	0.0256017	0.385016	-2.59729	0.0293063	0.396914	-2.51943	0.0630407	0.471141	-2.12251	0.482603	1.29283	1.29283	0.0365535	0.417086	-2.39759	3.34637	6.86526	1.82361	1
cg07754407	CNN2;CNN2;CNN2;CNN2	0.0516566	?	?	?	0.532075	1.21362	1.21362	0.495259	0.809035	-1.23604	0.0284823	0.444713	-2.24864	?	?	?	?	?	?	0.0073203	0.332851	-3.00435	0.649924	1.14987	1.14987	0.271775	0.70368	-1.4211	3.81271	3.6734	1.12404	1
cg00420095	CLK4	0.0516571	0.625345	0.885496	-1.12931	0.835069	0.949784	-1.05287	0.993607	0.998022	-1.00198	0.584896	1.14604	1.14604	0.0122587	0.462558	-2.16189	0.0618024	0.594647	-1.68167	0.0136118	0.470332	-2.12616	0.171531	1.43293	1.43293	0.0834168	0.622784	-1.60569	3.34628	3.2364	0.8597	1
cg26807939	SOX14	0.0516571	0.399909	0.670021	-1.49249	0.576528	0.769367	-1.29977	0.429107	1.45515	1.45515	0.907772	0.947569	-1.05533	0.698235	0.834394	-1.19847	0.388774	0.663347	-1.50751	0.815422	1.11479	1.11479	0.0031137	6.54762	6.54762	0.0203137	3.6694	3.6694	3.34628	11.445	3.04019	1
cg02060717	RHOH	0.0516581	0.130404	0.773399	-1.29299	0.408796	0.875557	-1.14213	0.345806	0.858363	-1.16501	0.138379	0.778055	-1.28526	0.00976859	0.598108	-1.67194	0.269957	0.834688	-1.19805	0.0164949	1.5854	1.5854	0.739242	1.05395	1.05395	0.960605	1.0078	1.0078	3.34626	1.31139	0.348353	1
cg10628126	GNLY;GNLY	0.0516591	0.0017834	0.156253	-6.39987	0.0243193	0.326117	-3.06639	0.0975795	0.468216	-2.13577	0.802406	0.900625	-1.11034	0.972502	1.01449	1.01449	0.534254	0.768924	-1.30052	0.893628	0.945684	-1.05744	0.543327	0.773514	-1.2928	0.142724	0.518067	-1.93025	3.34623	9.23515	2.45321	1
cg02705837	ATP1B2;ATP1B2	0.0516595	0.0524888	0.594987	-1.68071	0.29014	0.772187	-1.29502	0.86064	0.959464	-1.04225	0.206317	1.36875	1.36875	0.323032	0.786335	-1.27172	0.00287226	0.380722	-2.62659	0.0470712	0.585585	-1.70769	0.748324	0.926997	-1.07875	0.324262	0.786846	-1.2709	3.34622	2.93877	0.780653	1
cg07448928	AHRR	0.0516596	0.998024	0.99858	-1.00142	0.140098	0.402126	-2.48678	0.225977	0.482072	-2.07438	0.227301	0.483174	-2.06965	0.00530007	0.121363	-8.23973	0.123047	0.383358	-2.60853	0.011156	0.161139	-6.20582	0.579346	0.725174	-1.37898	0.0262399	0.220235	-4.5406	3.34622	17.4539	4.63646	1
cg13274775	OOEP	0.0516602	0.526406	1.16892	1.16892	0.108677	1.53026	1.53026	0.421979	0.819185	-1.22073	0.789985	1.06706	1.06706	0.0015534	0.330802	-3.02296	0.773067	0.932112	-1.07283	0.934163	1.02029	1.02029	0.252554	0.747819	-1.33722	0.928431	0.978393	-1.02208	3.34621	3.13321	0.832308	1
cg02830187	DUSP9	0.0516627	0.814243	0.933699	-1.07101	0.651263	0.875792	-1.14182	0.109626	0.601469	-1.6626	0.0270929	0.466439	-2.1439	0.043432	0.508171	-1.96784	0.0631859	1.83871	1.83871	0.0418872	0.504849	-1.98079	0.47067	0.807432	-1.23849	0.0352903	0.489412	-2.04327	3.34614	4.50217	1.19598	1
cg13383814	C10orf12;C10orf12	0.051665	0.051078	0.310838	-3.21711	0.0127729	0.196546	-5.08788	0.00500279	0.141796	-7.05238	0.246419	0.528627	-1.89169	0.032561	0.268294	-3.72725	0.536142	0.719303	-1.39024	0.13956	0.433377	-2.30746	0.132126	0.425424	-2.3506	0.465143	0.676422	-1.47837	3.34609	14.6575	3.89376	1
cg23841280	UGT1A6;UGT1A10;UGT1A9;UGT1A6;UGT1A7;UGT1A5;UGT1A8	0.0516652	0.486069	1.1433	1.1433	0.253518	0.798014	-1.25311	0.0373353	0.633038	-1.57968	0.197353	0.772715	-1.29414	0.297333	1.22682	1.22682	0.860753	1.03378	1.03378	0.0279542	1.63454	1.63454	0.272806	0.805772	-1.24105	0.0214743	0.592928	-1.68655	3.34608	1.8972	0.503993	1
cg03218402	PRH1;PRR4	0.0516654	0.0827498	1.85467	1.85467	0.1375	0.597962	-1.67235	0.220808	0.661119	-1.51259	0.70715	1.129	1.129	0.0283988	2.29729	2.29729	0.376181	1.33907	1.33907	0.00989612	2.85124	2.85124	0.253242	1.46759	1.46759	0.165248	1.6094	1.6094	3.34608	5.47752	1.45511	1
cg21604136	CTNNBIP1;CTNNBIP1	0.0516669	0.0552524	0.358469	-2.78964	0.121161	2.21093	2.21093	0.12227	2.20487	2.20487	0.988356	0.993134	-1.00691	0.415286	1.48158	1.48158	0.0451355	0.337833	-2.96004	0.942814	0.966698	-1.03445	0.272311	1.71506	1.71506	0.0190284	0.261778	-3.82003	3.34604	11.8117	3.13784	1
cg11705804	UBE3B;UBE3B;KCTD10	0.051667	0.223097	0.687617	-1.4543	0.138687	0.627307	-1.59412	0.0880788	0.57657	-1.73439	0.121572	0.611996	-1.634	0.674108	0.883614	-1.13172	0.00103514	0.241319	-4.14389	0.656478	0.877248	-1.13993	0.702556	0.893821	-1.11879	0.605412	0.858585	-1.16471	3.34604	4.53572	1.20493	1
cg10327428	ADAM5P	0.0516673	0.181068	2.31965	2.31965	0.0243745	4.90217	4.90217	0.919999	0.94221	-1.06133	0.461016	0.641015	-1.56003	0.363091	1.73998	1.73998	0.00947758	0.142579	-7.01368	0.104299	0.349162	-2.864	0.40284	1.66079	1.66079	0.737114	1.22095	1.22095	3.34603	18.6068	4.94299	1
cg04903600	GPX4;GPX4;GPX4	0.0516674	0.0422535	1.7752	1.7752	0.00231737	2.83991	2.83991	0.10933	1.53462	1.53462	0.061808	1.67525	1.67525	0.343533	1.27044	1.27044	0.956362	1.01351	1.01351	0.347908	1.26753	1.26753	0.463237	0.832639	-1.201	0.554084	1.15813	1.15813	3.34603	3.18885	0.847134	1
cg18478794	BAHD1	0.0516683	0.0202795	0.292731	-3.41611	0.654303	0.820487	-1.21879	0.864238	0.92763	-1.07802	0.17769	1.87535	1.87535	0.0126043	0.256231	-3.90273	0.777288	1.13256	1.13256	0.165377	0.522297	-1.91462	0.325146	1.56206	1.56206	0.0394796	0.351503	-2.84493	3.346	10.2116	2.71279	1
cg00518989	LIMK2	0.0516688	0.654123	1.06595	1.06595	0.327653	1.15383	1.15383	0.792741	1.03799	1.03799	0.397902	0.884639	-1.1304	0.29775	1.16516	1.16516	0.0047021	0.587436	-1.70231	0.728323	0.951817	-1.05062	0.171771	1.22877	1.22877	0.0345736	1.41762	1.41762	3.34599	1.06273	0.282322	1
cg07801607	ZMAT1;ZMAT1	0.0516698	0.0612104	4.31772	4.31772	0.970243	1.0262	1.0262	0.612816	0.701967	-1.42457	0.497001	0.619902	-1.61316	0.00779509	0.0935938	-10.6845	0.021049	6.85062	6.85062	0.637477	1.38978	1.38978	0.830494	0.861866	-1.16027	0.434789	0.575454	-1.73776	3.34597	25.4817	6.76946	1
cg04095070	VAT1L	0.0516706	0.213741	0.533228	-1.87537	0.887492	0.934268	-1.07036	0.3453	0.626972	-1.59497	0.949183	1.03109	1.03109	0.00143197	0.109196	-9.15781	0.236319	0.551007	-1.81486	0.465267	1.42894	1.42894	0.187587	0.511314	-1.95575	0.0716228	0.380538	-2.62786	3.34595	12.2249	3.24769	1
cg23472153	MPRIP;MPRIP	0.0516718	0.160834	1.58023	1.58023	0.00226941	3.68575	3.68575	0.0140863	2.5238	2.5238	0.455789	1.26118	1.26118	0.356056	1.33642	1.33642	0.197061	1.5168	1.5168	0.0814332	1.80401	1.80401	0.120251	1.6734	1.6734	0.379195	1.31731	1.31731	3.34592	4.94529	1.31378	1
cg13997013	LOC285074	0.051672	0.0396589	0.42814	-2.33569	0.0382193	0.424645	-2.35491	0.118419	0.546364	-1.83028	0.793327	1.09815	1.09815	0.0584814	0.466597	-2.14318	0.270072	0.663976	-1.50608	0.0157258	0.348018	-2.87342	0.00923389	0.307808	-3.24877	0.588762	0.823135	-1.21487	3.34591	6.73808	1.79007	1
cg00407944	NOTCH1	0.0516723	0.0512408	0.476849	-2.0971	0.085864	0.530863	-1.88373	0.148849	0.596604	-1.67615	0.387314	0.744074	-1.34395	0.00597801	0.301559	-3.3161	0.703107	0.880075	-1.13627	0.0886928	0.534477	-1.87099	0.0844484	1.89029	1.89029	0.565099	0.823648	-1.21411	3.34591	5.89763	1.56679	1
cg13040666	HLA-F;HLA-F;HLA-F	0.0516728	0.804473	1.03532	1.03532	0.255816	1.18056	1.18056	0.876528	0.978479	-1.02199	0.31381	1.15693	1.15693	0.121934	1.26439	1.26439	0.282897	1.16898	1.16898	0.00190105	1.85082	1.85082	0.116268	0.787546	-1.26977	0.941217	1.01037	1.01037	3.34589	1.03756	0.275643	1
cg14546471	MAST4;MAST4	0.0516763	0.370895	1.3694	1.3694	0.388613	0.739102	-1.35299	0.342411	1.39751	1.39751	0.276523	1.47295	1.47295	0.765846	1.10759	1.10759	0.0148184	2.78927	2.78927	0.307322	0.696575	-1.4356	0.0266338	2.45692	2.45692	0.0106636	2.9994	2.9994	3.34581	6.20353	1.64811	1
cg00922301	SFRS16	0.051677	0.567332	0.857009	-1.16685	0.101204	1.6145	1.6145	0.852923	0.951674	-1.05078	0.500036	1.20047	1.20047	0.0015305	0.296042	-3.3779	0.955153	0.985102	-1.01512	0.425688	1.24248	1.24248	0.783526	1.07627	1.07627	0.897415	1.03503	1.03503	3.34579	3.77467	1.00283	1
cg25324164	FADS2	0.0516778	0.0721195	0.360131	-2.77676	0.0135524	0.211293	-4.73275	0.0906129	0.387282	-2.5821	0.320754	0.593349	-1.68535	0.0125166	0.205861	-4.85765	0.337768	0.604836	-1.65334	0.00908728	0.185153	-5.40093	0.92105	0.950812	-1.05173	0.343394	0.608584	-1.64316	3.34577	13.7175	3.6444	1
cg09916651	CUX2	0.0516781	0.0196777	0.111533	-8.96593	0.607192	1.49731	1.49731	0.146986	0.297719	-3.35888	0.624616	1.46801	1.46801	0.0134531	0.0923549	-10.8278	0.686797	1.37101	1.37101	0.056552	0.1863	-5.36768	0.0789897	0.219071	-4.56474	0.0478074	0.17177	-5.82175	3.34576	32.1123	8.53147	1
cg16059541	HADHA;HADHB	0.0516791	?	?	?	0.0131067	2.75225	2.75225	?	?	?	?	?	?	?	?	?	?	?	?	0.977653	1.00795	1.00795	0.0347909	2.16701	2.16701	0.490369	1.22154	1.22154	5.10179	2.63427	0.645428	1
cg13617811	SLC48A1	0.0516801	0.0108716	2.31972	2.31972	0.17965	1.45503	1.45503	0.690882	1.11091	1.11091	0.0229085	2.04665	2.04665	0.10336	1.59804	1.59804	0.261952	1.36044	1.36044	0.310403	0.758667	-1.3181	0.0178942	2.13244	2.13244	0.796548	0.934286	-1.07034	3.34571	3.66907	0.974799	1
cg06062945	SUPT7L	0.0516802	0.212834	0.678267	-1.47435	0.0854596	0.56977	-1.75509	0.0412168	0.49817	-2.00735	0.146208	0.630319	-1.5865	0.0046917	0.328907	-3.04037	0.143031	0.627675	-1.59318	0.272712	0.713352	-1.40183	0.131223	1.61955	1.61955	0.567419	0.842799	-1.18652	3.34571	4.639	1.23249	1
cg24144893	UROD	0.0516818	0.569651	1.18016	1.18016	0.222058	1.44767	1.44767	0.266718	1.39596	1.39596	0.00731087	0.368974	-2.71022	0.218097	1.45277	1.45277	0.136204	0.629489	-1.58859	0.387516	0.77466	-1.29089	0.070094	0.557794	-1.79278	0.259682	1.40348	1.40348	3.34567	4.40343	1.16992	1
cg01435137	TMEM214;TMEM214	0.0516833	0.0608118	1.25065	1.25065	0.0472006	0.786374	-1.27166	0.542931	1.06734	1.06734	0.973432	1.00353	1.00353	0.0120093	0.717785	-1.39318	0.73151	1.03712	1.03712	0.0261355	0.756322	-1.32219	0.591797	0.944324	-1.05896	0.875754	0.983577	-1.0167	3.34563	0.593455	0.157673	1
cg05217050	DLGAP4	0.0516839	0.0686142	2.23335	2.23335	0.214771	0.597623	-1.6733	0.443526	1.36064	1.36064	0.815685	1.09641	1.09641	0.0847458	0.471657	-2.12018	0.0729621	2.19988	2.19988	0.0079477	3.82486	3.82486	0.146242	1.84933	1.84933	0.753651	1.13213	1.13213	3.34562	8.23373	2.1876	1
cg03312703	MFSD4	0.0516847	0.382832	0.763573	-1.30963	0.063269	1.87685	1.87685	0.95276	1.01802	1.01802	0.405548	0.773759	-1.29239	0.00313011	0.295916	-3.37934	0.0922167	0.57199	-1.74828	0.83873	0.940426	-1.06335	0.127711	0.608718	-1.6428	0.369288	0.757355	-1.32038	3.3456	4.81383	1.27898	1
cg02725620	CUX1;CUX1;CUX1	0.0516864	0.709202	0.924019	-1.08223	0.00489467	2.19604	2.19604	0.143903	1.39265	1.39265	0.355774	0.818424	-1.22186	0.160138	0.728649	-1.3724	0.313818	1.24576	1.24576	0.056852	1.57563	1.57563	0.430193	0.843784	-1.18514	0.529613	0.8743	-1.14377	3.34556	2.3578	0.626449	1
cg25188832	NMNAT1;LZIC	0.0516866	0.992988	0.998939	-1.00106	0.475651	1.09159	1.09159	0.00251658	1.66013	1.66013	0.921916	0.988224	-1.01192	0.780988	1.03425	1.03425	0.490255	0.918816	-1.08836	0.0757896	0.787593	-1.26969	0.125126	0.818272	-1.22209	0.686897	1.05017	1.05017	3.34555	0.773456	0.205502	1
cg05720355	IQUB	0.0516874	0.760665	0.898766	-1.11264	0.688525	1.15116	1.15116	0.259909	1.50766	1.50766	0.553008	0.810858	-1.23326	0.739459	0.889942	-1.12367	0.0927175	0.523984	-1.90845	0.233633	0.646461	-1.54688	0.0808955	0.508554	-1.96636	0.00423187	3.81037	3.81037	3.34553	6.46676	1.71818	1
cg23668102	ZNF696;ZNF696	0.0516879	0.375977	1.21892	1.21892	0.385757	1.21378	1.21378	0.301347	1.26279	1.26279	0.421283	1.19602	1.19602	0.451503	1.18192	1.18192	0.0591455	0.628607	-1.59082	0.0055513	0.4521	-2.2119	0.256945	1.29407	1.29407	0.154446	1.39391	1.39391	3.34552	2.51539	0.668326	1
cg14170959	ZFY;ZFY;ZFY	0.0516889	0.641477	0.84809	-1.17912	0.356951	0.716847	-1.395	0.603146	0.831695	-1.20236	0.0817141	1.96966	1.96966	0.857127	0.938644	-1.06537	0.287984	0.678677	-1.47346	0.0366502	0.426083	-2.34696	0.00871414	3.2362	3.2362	0.174255	1.66167	1.66167	3.34549	6.54137	1.73803	1
cg21913853	TPO;TPO;TPO;TPO	0.051693	0.830616	0.953287	-1.049	0.0396797	0.587901	-1.70097	0.0273557	0.558241	-1.79134	0.585551	0.884294	-1.13085	0.696718	0.916247	-1.09141	0.39218	0.822204	-1.21624	0.0101291	2.06349	2.06349	0.327264	1.25338	1.25338	0.523668	1.15526	1.15526	3.34539	2.64236	0.702089	1
cg15264757	SNX9	0.051694	0.011343	0.415452	-2.40702	0.839364	0.945314	-1.05785	0.0474953	0.533587	-1.87411	0.231352	0.706203	-1.41602	0.00538401	0.362299	-2.76015	0.186981	0.678716	-1.47337	0.0334783	0.502394	-1.99047	0.308814	0.746883	-1.3389	0.232077	0.706621	-1.41518	3.34537	4.06769	1.08082	1
cg21193180	GYG2;GYG2	0.0516944	0.849838	1.08175	1.08175	0.0214783	0.318156	-3.14311	0.0618471	0.41818	-2.39132	0.0284181	0.342198	-2.92228	0.00763668	0.241265	-4.14481	0.715955	0.859417	-1.16358	0.827423	1.09474	1.09474	0.874444	1.06776	1.06776	0.0921528	0.463682	-2.15665	3.34536	9.10654	2.41968	1
cg02580604	ATG4C;ATG4C	0.0516962	0.285067	0.829075	-1.20616	0.00679184	1.80787	1.80787	0.597661	1.09408	1.09408	0.870888	0.972914	-1.02784	0.035134	0.660789	-1.51334	0.251743	0.816989	-1.22401	0.214998	0.802247	-1.2465	0.207047	0.798815	-1.25185	0.179133	0.785911	-1.27241	3.34531	1.50988	0.401193	1
cg12412079	FAM19A4;FAM19A4	0.0516966	0.0213593	0.350939	-2.8495	0.54112	1.26392	1.26392	0.175822	1.72453	1.72453	0.917573	1.03997	1.03997	0.450999	0.747694	-1.33745	0.962887	1.01777	1.01777	0.632956	0.83347	-1.1998	0.00737079	3.69641	3.69641	0.0997761	1.9796	1.9796	3.3453	7.59423	2.01788	1
cg14560670	LOC145837	0.0516968	0.0256411	0.34979	-2.85886	0.124095	0.516931	-1.93449	0.0793733	0.462256	-2.1633	0.708385	0.861676	-1.16053	0.00355127	0.208969	-4.78539	0.831331	0.918957	-1.08819	0.380927	0.700401	-1.42775	0.559136	1.26371	1.26371	0.0555531	0.42329	-2.36245	3.3453	8.31834	2.21029	1
cg03015758	CCDC64B	0.051697	0.0841916	0.467965	-2.13691	0.314091	0.661138	-1.51254	0.0545221	0.420218	-2.37972	0.0550974	0.421308	-2.37356	0.00785084	0.257725	-3.8801	0.013913	0.298898	-3.34562	0.878975	1.06243	1.06243	0.917022	0.959425	-1.04229	0.0708981	0.448411	-2.2301	3.3453	8.36988	2.22399	1
cg25780024	TRIO	0.0516976	0.097281	0.41653	-2.40078	0.821865	0.897151	-1.11464	0.569898	0.758531	-1.31834	0.854512	0.91545	-1.09236	0.0178742	0.250231	-3.99631	0.682903	0.820637	-1.21856	0.00430732	0.159291	-6.2778	0.317708	1.6439	1.6439	0.0648175	0.368593	-2.71302	3.34528	12.2721	3.26087	1
cg10020040	ARHGEF16	0.0516978	0.419989	0.693643	-1.44166	0.0244276	0.304084	-3.28856	0.115467	0.467795	-2.13769	0.180296	0.531698	-1.88077	0.0178096	0.278321	-3.59298	0.219482	0.563679	-1.77406	0.158383	0.511995	-1.95314	0.00413598	0.181401	-5.51265	0.0766721	0.4172	-2.39693	3.34527	10.4429	2.77483	1
cg20717612	LDHB	0.0516981	0.00432977	0.740195	-1.351	0.607018	1.04178	1.04178	0.174467	0.892295	-1.12071	0.165866	0.889961	-1.12364	0.923133	0.992415	-1.00764	0.00833859	0.766456	-1.30471	0.146083	0.884174	-1.131	0.424488	0.937679	-1.06646	0.987477	0.998763	-1.00124	3.34527	0.329749	0.0876193	1
cg18942631	CASQ2;CASQ2	0.0516988	0.0329338	0.462694	-2.16126	0.0393333	0.478762	-2.08872	0.0510158	0.503258	-1.98705	0.661912	0.872897	-1.14561	0.00389495	0.300965	-3.32264	0.2505	0.690062	-1.44915	0.0346113	0.467138	-2.14069	0.442985	0.785328	-1.27335	0.413118	0.77221	-1.29498	3.34525	5.05687	1.3437	1
cg12283393	LSP1	0.0516998	0.64466	0.816892	-1.22415	0.0294373	0.327295	-3.05535	0.0236332	0.308263	-3.24398	0.0607572	0.398258	-2.51094	0.952399	0.974337	-1.02634	0.268188	1.65247	1.65247	0.0486843	2.66601	2.66601	0.502487	1.34499	1.34499	0.253943	0.595219	-1.68005	3.34522	10.0484	2.67006	1
cg00066750	HEY2	0.0517001	0.473619	1.43302	1.43302	0.0498306	0.331418	-3.01734	0.0224612	0.259314	-3.85633	0.957704	0.974159	-1.02653	0.516837	1.38326	1.38326	0.176212	0.491725	-2.03366	0.0218037	0.25693	-3.89211	0.423516	0.667962	-1.49709	0.0136993	0.222059	-4.50331	3.34522	12.9108	3.43065	1
cg09176740	BUD13;BUD13	0.0517001	0.0203883	0.24054	-4.1573	0.0295856	0.270977	-3.69035	0.448658	0.674628	-1.4823	0.171017	2.1023	2.1023	0.0331957	0.281081	-3.55769	0.885224	0.929018	-1.07641	0.0505532	0.321149	-3.11382	0.363782	1.60923	1.60923	0.204576	0.505404	-1.97862	3.34522	13.767	3.65815	1
cg05528293	GALR1	0.0517008	0.0308032	0.420649	-2.37728	0.0284979	0.413729	-2.41704	0.813629	0.922534	-1.08397	0.25579	0.666954	-1.49935	0.37348	1.36605	1.36605	0.171021	1.64488	1.64488	0.0156439	0.363576	-2.75046	0.0997251	0.540123	-1.85143	0.795499	1.09273	1.09273	3.3452	6.17601	1.64109	1
cg10303409	ZNF706;ZNF706;ZNF706	0.0517009	0.0815494	0.427542	-2.33895	0.344582	1.53495	1.53495	0.270316	0.603388	-1.65731	0.367178	1.50341	1.50341	0.014404	0.265124	-3.77183	0.18801	0.541164	-1.84787	0.0230166	0.302198	-3.30909	0.201387	1.81096	1.81096	0.151807	0.508733	-1.96567	3.3452	10.2639	2.72733	1
cg27035251	JAK3;JAK3	0.0517053	0.0191165	0.412931	-2.42171	0.371697	0.751222	-1.33116	0.13901	0.608564	-1.64321	0.282508	1.41665	1.41665	0.0373814	0.470752	-2.12426	0.208321	1.51242	1.51242	0.192978	1.53677	1.53677	0.105531	1.73587	1.73587	0.580655	1.19008	1.19008	3.34509	5.15324	1.36937	1
cg26461352	TIMM8A;TIMM8A	0.0517073	0.130819	0.635786	-1.57286	0.00934399	0.400475	-2.49704	0.0919985	0.59756	-1.67347	0.0893578	1.682	1.682	0.0175845	0.448458	-2.22986	0.733222	0.909399	-1.09963	0.885016	0.960628	-1.04099	0.857849	0.951449	-1.05103	0.20336	0.688858	-1.45168	3.34504	4.08239	1.08483	1
cg15262515	SLMO1;SLMO1	0.0517087	0.135035	1.75353	1.75353	0.846326	1.06998	1.06998	0.264799	1.49951	1.49951	0.124513	1.78562	1.78562	0.174241	0.604204	-1.65507	0.622725	1.18871	1.18871	0.11283	0.547907	-1.82513	0.085344	1.94067	1.94067	0.0120567	0.335768	-2.97824	3.34501	6.43778	1.71075	1
cg05413817	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.05171	0.88638	0.969921	-1.03101	0.0133143	1.92533	1.92533	0.512929	1.15228	1.15228	0.990957	1.00242	1.00242	0.0914606	1.48739	1.48739	0.832474	1.04629	1.04629	0.0123603	1.94513	1.94513	0.232259	0.765206	-1.30684	0.126234	0.702297	-1.4239	3.34497	2.41747	0.642415	1
cg10200728	BCKDHB;BCKDHB	0.0517114	0.456545	0.822511	-1.21579	0.058781	0.576927	-1.73332	0.046227	0.555166	-1.80126	0.851963	1.04932	1.04932	0.660892	1.12047	1.12047	0.376691	1.26334	1.26334	0.388053	1.25604	1.25604	0.00342084	0.358837	-2.78678	0.461114	0.824198	-1.2133	3.34494	3.51763	0.934781	1
cg05137662	OPN1MW	0.051712	0.0683559	0.40783	-2.452	0.112078	0.467465	-2.1392	0.0132356	0.259365	-3.85557	0.0691163	0.409068	-2.44458	0.00800401	0.224543	-4.45349	0.0426681	0.358575	-2.78881	0.445584	0.710524	-1.40741	0.235826	0.579252	-1.72636	0.0397527	0.351712	-2.84324	3.34492	10.2335	2.71948	1
cg12126027	MYADM;MYADM;MYADM	0.0517121	0.00274869	0.0556399	-17.9727	0.886885	1.0917	1.0917	0.912654	1.06997	1.06997	0.0421554	0.218429	-4.57815	0.419511	0.599121	-1.66911	?	?	?	0.105724	0.324618	-3.08054	0.997811	0.998311	-1.00169	0.845003	1.12827	1.12827	4.08418	20.7991	3.81945	1
cg04694889	LOC728411;LOC728411	0.0517125	0.974272	0.984779	-1.01546	0.0256947	3.52615	3.52615	0.984158	1.00949	1.00949	0.488748	1.39723	1.39723	0.0035926	0.153307	-6.52285	0.241445	0.558126	-1.79171	0.511645	1.37242	1.37242	0.608554	0.782178	-1.27848	0.491048	0.717006	-1.39469	3.34491	11.9831	3.18444	1
cg26617272	CCDC23	0.0517128	0.0179041	0.460412	-2.17197	0.706724	1.10726	1.10726	0.262342	1.3703	1.3703	0.190664	0.688298	-1.45286	0.0119365	0.429288	-2.32944	0.921546	1.02691	1.02691	0.130641	0.644029	-1.55273	0.125357	1.56384	1.56384	0.335582	0.765168	-1.3069	3.3449	3.84921	1.0229	1
cg24723044	CROCC	0.0517143	0.0537759	0.657933	-1.51991	0.0534362	0.657438	-1.52106	0.00915383	0.531098	-1.88289	0.628558	0.911017	-1.09767	0.234179	0.78787	-1.26925	0.25708	0.797617	-1.25374	0.0375281	1.58625	1.58625	0.64294	0.914615	-1.09336	0.812305	0.955542	-1.04653	3.34487	1.93619	0.514538	1
cg03646354	BSND	0.0517148	0.259915	0.599195	-1.66891	0.167116	0.526309	-1.90002	0.0312519	0.332394	-3.00848	0.138048	0.498592	-2.00565	0.00422987	0.188442	-5.30667	0.123125	2.07083	2.07083	0.235555	0.581716	-1.71905	0.505734	0.745061	-1.34217	0.211825	0.563711	-1.77396	3.34486	10.062	2.67395	1
cg22144942	MIR1179	0.051715	0.174225	0.429802	-2.32665	0.00601365	0.122826	-8.14162	0.025002	0.210557	-4.74932	0.92689	0.947794	-1.05508	0.175938	0.431423	-2.31791	0.137863	0.393196	-2.54326	0.0139069	0.169441	-5.90177	0.0622485	0.293397	-3.40835	0.537879	0.694612	-1.43965	3.34485	18.0807	4.80493	1
cg07272929	PVT1	0.0517155	0.0087924	0.114643	-8.72274	0.0506092	0.235503	-4.24623	0.0425653	0.219631	-4.55308	0.072997	0.273039	-3.66247	0.0206927	0.163906	-6.10105	0.213407	0.427179	-2.34094	0.0329551	0.198071	-5.04869	0.300182	0.498101	-2.00762	0.0564371	0.246082	-4.06368	3.34484	22.324	5.93259	1
cg10435454	MYOF;MYOF	0.0517201	0.0261972	3.31453	3.31453	0.184574	1.8953	1.8953	0.602088	1.26998	1.26998	0.128851	2.10781	2.10781	0.0473842	2.80278	2.80278	0.789222	1.12945	1.12945	0.0603556	2.61779	2.61779	0.0187855	3.64541	3.64541	0.00698183	4.88069	4.88069	3.34472	10.9344	2.90591	1
cg18579748	C6orf10	0.0517228	0.0231	0.600125	-1.66632	0.0856364	1.4292	1.4292	0.473747	0.872011	-1.14677	0.233926	0.790921	-1.26435	0.637336	1.09336	1.09336	0.308752	0.82036	-1.21898	0.646348	0.916823	-1.09072	0.00462144	0.492452	-2.03065	0.551448	0.892917	-1.11993	3.34466	1.87159	0.4974	1
cg24816455	SEMA3B;SEMA3B	0.0517232	0.0246502	0.255642	-3.91172	0.600977	0.764144	-1.30865	0.567064	0.744586	-1.34303	0.328715	0.598171	-1.67176	0.0356907	0.287616	-3.47685	0.943529	0.964532	-1.03677	0.00494308	0.149935	-6.66956	0.022111	0.24689	-4.05039	0.90539	0.941189	-1.06249	3.34465	13.7651	3.65826	1
cg13071185	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0517232	0.224523	0.355835	-2.81029	0.969466	1.03149	1.03149	0.41418	1.96607	1.96607	0.45754	0.541881	-1.84542	0.0779972	0.204734	-4.88438	0.0770288	0.203444	-4.91536	0.00418911	0.0447406	-22.351	0.024012	0.113	-8.84954	0.134368	0.270522	-3.69656	3.34465	34.745	9.234	1
cg03797705	NPLOC4	0.0517248	0.262022	0.8498	-1.17675	0.831151	0.970723	-1.03016	0.66388	1.06274	1.06274	0.00169611	0.535803	-1.86636	0.212652	0.833049	-1.20041	0.217022	0.834643	-1.19812	0.105825	0.782054	-1.27868	0.293422	0.859277	-1.16377	0.0368167	0.713561	-1.40142	3.34461	1.02578	0.27262	1
cg13426829	NKAIN2	0.0517254	0.0652339	1.2635	1.2635	0.362626	0.899665	-1.11152	0.932767	0.990511	-1.00958	0.444202	1.09214	1.09214	0.686098	1.04698	1.04698	0.58405	0.939436	-1.06447	0.0838805	0.805613	-1.24129	0.0058864	1.50266	1.50266	0.0676631	1.26025	1.26025	3.34459	0.676389	0.179763	1
cg09268800	DENND4B	0.0517255	0.16488	1.37726	1.37726	0.0672226	1.55758	1.55758	0.921754	1.02145	1.02145	0.971411	0.992287	-1.00777	0.201623	0.747273	-1.3382	0.170917	0.729788	-1.37026	0.00635078	2.15449	2.15449	0.134662	0.705772	-1.41689	0.472274	1.17111	1.17111	3.34459	2.47248	0.65711	1
cg00872628	SMC3	0.0517258	0.642549	0.828348	-1.20722	0.138577	0.526021	-1.90107	0.00397068	0.210017	-4.76152	0.692741	1.17353	1.17353	0.909949	1.04664	1.04664	0.799571	1.10795	1.10795	0.753786	1.13516	1.13516	0.0368448	2.65631	2.65631	0.234719	1.65175	1.65175	3.34458	8.59889	2.28532	1
cg05144702	AGBL5;AGBL5	0.0517264	0.153154	0.805088	-1.2421	0.792061	0.963245	-1.03816	0.00565149	1.67308	1.67308	0.400732	1.12965	1.12965	0.517865	0.911272	-1.09737	0.582311	0.924291	-1.08191	0.033504	0.703255	-1.42196	0.19429	1.21485	1.21485	0.545848	1.0905	1.0905	3.34457	1.064	0.28278	1
cg07765187	LMNB2	0.0517272	0.963418	0.992564	-1.00749	0.284676	0.834556	-1.19824	0.182682	0.794432	-1.25876	0.719433	1.06046	1.06046	0.039514	1.47331	1.47331	0.277381	0.832071	-1.20182	0.00530615	1.81832	1.81832	0.232683	0.815736	-1.22589	0.591054	1.09228	1.09228	3.34455	1.40281	0.372829	1
cg26931488	PFDN5;PFDN5	0.0517283	0.0811171	0.772346	-1.29476	0.501175	1.09549	1.09549	0.037908	0.725035	-1.37924	0.0413039	1.36945	1.36945	0.0806202	1.29542	1.29542	0.218889	1.18855	1.18855	0.0688023	0.761813	-1.31266	0.622724	0.935904	-1.06849	0.759277	1.04191	1.04191	3.34452	0.945188	0.251207	1
cg12039660	NTN1	0.0517285	0.0654647	0.721061	-1.38685	0.657053	0.931762	-1.07324	0.00553799	0.561834	-1.77989	0.216875	1.22816	1.22816	0.0505039	0.702903	-1.42267	0.805755	0.96178	-1.03974	0.281058	1.19388	1.19388	0.156139	0.78665	-1.27121	0.173601	0.795332	-1.25734	3.34452	1.32519	0.352203	1
cg23890910	TSNARE1	0.0517299	0.126536	0.592321	-1.68827	0.0377317	2.14599	2.14599	0.178172	1.57351	1.57351	0.45273	1.27428	1.27428	0.0077107	0.338013	-2.95847	0.254797	0.686093	-1.45753	0.998112	1.00075	1.00075	0.982691	0.99315	-1.0069	0.297807	1.40773	1.40773	3.34448	5.31797	1.4134	1
cg09215936	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0517312	0.833812	0.947222	-1.05572	0.187576	1.43394	1.43394	0.0758437	1.66515	1.66515	0.302869	0.759248	-1.31709	0.00506276	0.384255	-2.60244	0.129108	0.654931	-1.52688	0.207704	1.40895	1.40895	0.571489	1.15902	1.15902	0.974696	0.991848	-1.00822	3.34445	3.52781	0.937623	1
cg15840438	PITX3	0.0517314	0.482483	1.26193	1.26193	0.443707	0.775296	-1.28983	0.225796	0.660628	-1.51371	0.121655	0.578754	-1.72785	0.755244	0.903105	-1.10729	0.333824	0.722614	-1.38386	0.00137623	0.220351	-4.53821	0.0987884	0.554372	-1.80384	0.144441	0.599932	-1.66686	3.34445	5.62641	1.49539	1
cg27447131	MEGF11	0.0517329	0.0185294	0.458166	-2.18262	0.381752	0.782555	-1.27787	0.0633527	0.565132	-1.7695	0.965464	0.988236	-1.0119	0.0113244	0.420309	-2.3792	0.0631911	0.564887	-1.77027	0.0679137	0.571856	-1.74869	0.512287	1.19919	1.19919	0.0449923	0.53323	-1.87536	3.34441	3.95698	1.0517	1
cg00441918	IGF2BP1;IGF2BP1	0.051733	0.00530844	5.8123	5.8123	0.358429	1.57208	1.57208	0.733984	0.849246	-1.17751	0.453843	1.44126	1.44126	0.0972037	0.418118	-2.39167	0.64112	1.25219	1.25219	0.113483	2.28201	2.28201	0.436254	1.463	1.463	0.020973	3.78298	3.78298	3.3444	12.1558	3.23083	1
cg14045072	GPR116;GPR116	0.0517332	0.382022	0.813015	-1.22999	0.114643	1.48611	1.48611	0.100711	0.660263	-1.51455	0.612358	0.888712	-1.12522	0.081854	0.640695	-1.5608	0.588949	1.13424	1.13424	0.0304191	1.79935	1.79935	0.0182011	0.51583	-1.93863	0.610677	0.888207	-1.12586	3.3444	2.82382	0.750528	1
cg24407096	THBS2	0.0517355	0.00363887	0.206486	-4.84295	0.680058	1.1809	1.1809	0.208214	1.70242	1.70242	0.236186	0.607902	-1.645	0.105798	0.492411	-2.03082	0.0539824	0.415962	-2.40406	0.0901289	0.472857	-2.11481	0.498408	0.759122	-1.31731	0.918311	1.042	1.042	3.34434	8.51679	2.26367	1
cg14073922	MED12L	0.0517402	0.570067	0.820548	-1.2187	0.711979	0.880047	-1.1363	0.876485	0.947816	-1.05506	0.509291	1.25945	1.25945	0.552557	0.81299	-1.23003	0.545774	0.810044	-1.2345	0.000804479	0.175046	-5.71279	0.233062	0.649953	-1.53857	0.299107	0.690163	-1.44893	3.34423	6.28868	1.67152	1
cg14123923	POU4F1	0.0517419	0.289127	6.94157	6.94157	0.023612	191.333	191.333	0.024912	176.924	176.924	0.159616	0.0672827	-14.8627	0.232133	0.108407	-9.22446	0.415807	4.26079	4.26079	0.0884893	31.5241	31.5241	0.0140963	418.57	418.57	0.459676	3.70119	3.70119	4.69096	201.226	23.8314	1
cg13160221	HR;HR	0.0517428	0.498662	0.828339	-1.20724	0.128021	0.636897	-1.57011	0.544453	1.18318	1.18318	0.0620397	1.77906	1.77906	0.4944	0.826741	-1.20957	0.026061	0.484762	-2.06287	0.00663878	0.380611	-2.62736	0.93674	1.022	1.022	0.63252	0.876256	-1.14122	3.34416	3.98196	1.05842	1
cg23388392	KRT37	0.051744	0.160775	0.299671	-3.337	0.100205	0.234859	-4.25788	0.0242245	0.115192	-8.68118	0.937231	1.06541	1.06541	0.0331761	0.134931	-7.41119	0.267451	0.394835	-2.5327	0.0390402	0.146385	-6.83131	0.00497554	0.0502496	-19.9006	0.237933	0.369935	-2.70318	3.34413	34.271	9.10943	1
cg04619852	SKI	0.0517444	0.648949	1.23014	1.23014	0.00458127	5.50617	5.50617	0.0275817	3.24611	3.24611	0.0877937	2.34335	2.34335	0.227578	0.56414	-1.77261	0.349003	1.54609	1.54609	0.196159	1.8547	1.8547	0.0735313	2.46381	2.46381	0.19495	1.85816	1.85816	3.34412	10.818	2.87549	1
cg00074471	PDE11A;PDE11A	0.051748	0.546107	1.09693	1.09693	0.0163109	1.56014	1.56014	0.952267	0.990975	-1.00911	0.749234	0.952589	-1.04977	0.0049058	0.568612	-1.75867	0.902302	0.981573	-1.01877	0.905065	1.01823	1.01823	0.300669	0.850078	-1.17636	0.208938	0.81824	-1.22214	3.34403	1.21484	0.322922	1
cg09832244	LPAR5;LPAR5	0.0517495	0.040305	5.18804	5.18804	0.0852426	3.75232	3.75232	0.16014	2.83754	2.83754	0.0847354	3.76209	3.76209	0.114256	3.30003	3.30003	0.287235	2.15535	2.15535	0.0206782	6.93387	6.93387	0.00601301	12.1171	12.1171	0.0305964	5.84507	5.84507	3.344	25.5802	6.79965	1
cg06978604	EXOC8	0.05175	0.0404731	0.229853	-4.35061	0.00771209	0.114726	-8.71641	0.150011	0.387736	-2.57907	0.534141	0.681702	-1.46692	0.0422744	0.233896	-4.27541	0.077752	0.298063	-3.355	0.0176446	0.163792	-6.10531	0.0227627	0.182017	-5.494	0.138665	0.375578	-2.66257	3.6252	20.7344	4.44851	1
cg16189644	LNPEP;LNPEP	0.0517505	0.148926	0.861062	-1.16136	0.197941	1.14054	1.14054	0.0504096	1.24049	1.24049	0.391699	0.918689	-1.08851	0.0181074	1.31968	1.31968	0.366421	1.09382	1.09382	0.049943	0.805683	-1.24118	0.267601	1.11807	1.11807	0.247309	1.12401	1.12401	3.34397	0.494619	0.131479	1
cg20750642	FARP1	0.0517508	0.345662	0.761362	-1.31344	0.00200321	0.293968	-3.40173	0.878095	1.04403	1.04403	0.203037	1.45823	1.45823	0.320762	0.749768	-1.33375	0.520852	0.833025	-1.20044	0.304073	0.741705	-1.34825	0.214701	0.693038	-1.44292	0.211437	1.44712	1.44712	3.34397	4.17366	1.10944	1
cg10333252	XKR6	0.0517515	0.0355811	0.266477	-3.75266	0.142319	0.426299	-2.34577	0.047702	0.294054	-3.40073	0.519055	0.70233	-1.42383	0.0775479	0.346259	-2.88801	0.159131	0.44333	-2.25566	0.00547537	0.138818	-7.20365	0.247289	1.92306	1.92306	0.239682	0.513993	-1.94555	3.34395	15.4757	4.11376	1
cg00014104	MAPK1;MAPK1	0.0517531	0.129199	0.568363	-1.75944	0.0400927	0.441534	-2.26483	0.444616	1.30807	1.30807	0.566187	1.22121	1.22121	0.10238	0.540102	-1.8515	0.478321	0.780039	-1.28199	0.0180121	0.371463	-2.69206	0.00767726	0.307065	-3.25664	0.274965	0.676095	-1.47908	3.34391	6.28956	1.67191	1
cg18511546	HLA-C	0.0517532	0.00654319	0.4739	-2.11015	0.474564	1.16617	1.16617	0.846793	0.959935	-1.04174	0.0292018	0.580897	-1.72148	0.133298	0.710116	-1.40822	0.033847	0.592314	-1.68829	0.134399	0.71091	-1.40665	0.578231	0.888056	-1.12605	0.0466637	0.617842	-1.61854	3.34391	2.36645	0.629058	1
cg27301423	SLITRK4	0.0517548	0.177184	0.671616	-1.48895	0.19144	0.681241	-1.46791	0.61569	1.15081	1.15081	0.0415564	0.520907	-1.91973	0.00512479	0.358343	-2.79062	0.295293	1.3515	1.3515	0.495846	0.825375	-1.21157	0.928032	1.02539	1.02539	0.0314817	0.496518	-2.01402	3.34387	4.07918	1.08435	1
cg13040021	C20orf30;C20orf30;C20orf30;C20orf30	0.0517557	0.0478683	0.755941	-1.32285	0.674839	0.949152	-1.05357	0.0108987	1.48485	1.48485	0.0493369	0.757697	-1.31979	0.395364	1.11367	1.11367	0.337706	0.884932	-1.13003	0.116714	0.809928	-1.23468	0.271673	0.868028	-1.15204	0.437701	0.906725	-1.10287	3.34384	0.810179	0.215369	1
cg10790747	HSPB6;C19orf55	0.0517559	0.0604784	0.747104	-1.3385	0.262565	0.851393	-1.17455	0.072653	1.31761	1.31761	0.0304214	0.704413	-1.41962	0.142916	0.805043	-1.24217	0.389397	0.885607	-1.12917	0.021391	0.683311	-1.46346	0.618191	1.07166	1.07166	0.313212	1.1545	1.1545	3.34384	1.00457	0.267044	1
cg18985994	IQCE;IQCE	0.0517563	0.0955669	1.92606	1.92606	0.0166353	2.8487	2.8487	0.49907	1.27846	1.27846	0.282973	1.4909	1.4909	0.276919	0.667083	-1.49906	0.654514	1.17498	1.17498	0.0495022	2.23084	2.23084	0.00557254	3.68195	3.68195	0.269699	1.50905	1.50905	3.34383	6.78745	1.80431	1
cg02136259	CDK5;CDK5	0.0517565	0.101522	0.788572	-1.26812	0.793472	1.03537	1.03537	0.158127	1.2213	1.2213	0.887644	0.981444	-1.01891	0.00453341	1.65045	1.65045	0.0947246	0.78402	-1.27548	0.122192	1.2485	1.2485	0.860084	1.02365	1.02365	0.56332	1.08049	1.08049	3.34382	0.92964	0.247126	1
cg01469715	GSG1L;GSG1L	0.0517567	0.166421	1.68315	1.68315	0.63362	0.844133	-1.18465	0.938609	1.02755	1.02755	0.422088	1.3356	1.3356	0.945399	1.02446	1.02446	0.740892	1.12423	1.12423	0.00141543	0.195902	-5.10459	0.544404	1.24172	1.24172	0.350542	0.712436	-1.40363	3.34382	6.59441	1.75299	1
cg18153957	LOC339524	0.051757	0.0637565	0.502309	-1.99081	0.0361964	0.447201	-2.23613	0.0154157	0.374504	-2.6702	0.176251	0.621868	-1.60806	0.161639	0.610308	-1.63852	0.556551	0.821624	-1.2171	0.0635741	1.99198	1.99198	0.347139	1.37691	1.37691	0.418892	0.761178	-1.31375	3.34381	5.7807	1.53669	1
cg00450719	INPP5A	0.0517586	0.617884	0.879698	-1.13675	0.521752	1.17997	1.17997	0.87788	0.961569	-1.03997	0.564332	0.861986	-1.16011	0.00111	0.293853	-3.40307	0.0704126	0.597272	-1.67428	0.214566	0.716772	-1.39514	0.359933	0.786718	-1.2711	0.841747	0.950328	-1.05227	3.34377	3.43986	0.914432	1
cg09060608	RUFY1;RUFY1;RUFY1	0.0517594	0.321168	0.740122	-1.35113	0.119389	0.608846	-1.64245	0.00205115	3.58011	3.58011	0.717642	0.898865	-1.11251	0.742544	1.10162	1.10162	0.538053	0.832721	-1.20088	0.743656	1.10114	1.10114	0.606799	1.16465	1.16465	0.158103	1.55747	1.55747	3.34375	4.5653	1.21362	1
cg10228307	NEGR1	0.0517608	0.868528	1.02058	1.02058	0.020642	1.40893	1.40893	0.0134123	1.45732	1.45732	0.261634	0.86591	-1.15485	0.971603	1.00439	1.00439	0.134172	0.819827	-1.21977	0.0986538	0.800335	-1.24948	0.505523	0.920265	-1.08664	0.464407	0.912486	-1.09591	3.34372	0.801083	0.212959	1
cg02063365	ADI1	0.0517613	0.10109	0.336116	-2.97517	0.363059	0.566859	-1.76411	0.304309	0.524132	-1.90792	0.0834207	0.312344	-3.2016	0.0020876	0.0720831	-13.8729	0.662661	0.766017	-1.30545	0.0397909	0.236134	-4.23488	0.449756	0.626448	-1.5963	0.0413563	0.239598	-4.17366	3.34371	19.5274	5.19115	1
cg07319626	ADAM23	0.0517615	0.040586	0.633698	-1.57804	0.0861892	0.69368	-1.44159	0.472854	0.868614	-1.15126	0.616282	0.907126	-1.10238	0.240495	1.26754	1.26754	0.016871	0.569835	-1.7549	0.35617	0.832691	-1.20093	0.0466918	1.55176	1.55176	0.146914	0.740579	-1.35029	3.3437	1.97097	0.523962	1
cg24583966	KISS1	0.0517641	0.110702	0.447275	-2.23576	0.110577	2.23651	2.23651	0.569223	0.766199	-1.30514	0.441365	1.43827	1.43827	0.00288776	0.150068	-6.66365	0.711849	1.18738	1.18738	0.736634	1.16913	1.16913	0.19022	0.526121	-1.9007	0.273729	0.590212	-1.69431	3.34364	11.3488	3.01703	1
cg02490189	NUAK1	0.0517645	0.860569	1.03375	1.03375	0.343972	0.831921	-1.20204	0.815708	1.04506	1.04506	0.333768	1.20706	1.20706	0.0857219	0.698713	-1.4312	0.0132715	1.78475	1.78475	0.00931803	1.86382	1.86382	0.798884	0.952947	-1.04938	0.272571	1.24056	1.24056	3.34363	1.88699	0.501648	1
cg23644624	SLC4A4	0.0517648	0.521367	1.44519	1.44519	0.00294245	10.1114	10.1114	0.39888	1.63123	1.63123	0.0112833	6.03769	6.03769	0.648064	1.29741	1.29741	0.724198	1.22209	1.22209	0.558671	1.39804	1.39804	0.128207	2.53873	2.53873	0.0469493	3.62712	3.62712	3.34362	16.9981	4.51888	1
cg03550219	TOP2B	0.0517649	0.198631	1.24984	1.24984	0.258509	1.21355	1.21355	0.640888	0.925774	-1.08018	0.77221	1.04881	1.04881	0.120397	0.760148	-1.31553	0.340458	0.851052	-1.17502	0.115171	0.754873	-1.32473	0.00880731	1.72907	1.72907	0.0542147	1.43145	1.43145	3.34362	1.42729	0.37944	1
cg20676696	GSTM2;GSTM2	0.0517651	0.0631656	0.327381	-3.05454	0.00783267	0.161455	-6.19366	0.0138235	0.196778	-5.08188	0.111413	0.395948	-2.52558	0.0303317	0.256577	-3.89746	0.169585	0.457588	-2.18537	0.0661686	0.332477	-3.00773	0.0739813	0.345067	-2.89798	0.178818	0.466202	-2.14499	3.34361	15.1183	4.01916	1
cg03229959	DDHD2;DDHD2;DDHD2;DDHD2	0.0517659	0.231873	0.850964	-1.17514	0.817605	1.03018	1.03018	0.0135403	1.48188	1.48188	0.820847	1.02962	1.02962	0.0431127	0.741178	-1.3492	0.885274	0.981589	-1.01876	0.0211787	0.7	-1.42857	0.975304	0.996024	-1.00399	0.14285	0.816526	-1.2247	3.34359	0.877234	0.233211	1
cg02577881	FBXO34;FBXO34	0.0517662	0.0233714	0.265428	-3.7675	0.734663	0.846575	-1.18123	0.609298	1.28707	1.28707	0.22948	0.539361	-1.85405	0.0185771	0.247252	-4.04446	0.306468	0.595487	-1.6793	0.0099955	0.203436	-4.91555	0.0458272	0.326026	-3.06724	0.0747836	0.378448	-2.64237	3.34358	12.6937	3.37461	1
cg21624228	MAP3K11	0.0517692	0.257592	0.553485	-1.80673	0.0507418	0.328085	-3.04799	0.177164	0.487642	-2.05068	0.0653675	0.354988	-2.817	0.00665918	0.171552	-5.82914	0.109941	0.417954	-2.39261	0.0094769	0.192839	-5.18568	0.237091	0.53785	-1.85926	0.0534411	0.333415	-2.99927	3.34351	13.2747	3.52914	1
cg21593513	UBE3B;UBE3B;UBE3B;KCTD10;UBE3B	0.0517697	0.0538006	0.686064	-1.45759	0.930835	0.985173	-1.01505	0.067143	0.702521	-1.42345	0.988826	1.00241	1.00241	0.00498803	1.89553	1.89553	0.491087	0.886606	-1.1279	0.376077	1.16919	1.16919	0.299666	1.20317	1.20317	0.63826	1.0849	1.0849	3.3435	1.56805	0.416876	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26650383	SLC46A3;SLC46A3	0.0517699	0.466765	0.629101	-1.58957	0.0594458	3.78673	3.78673	0.00930814	7.88265	7.88265	0.812927	1.15994	1.15994	0.332053	0.534581	-1.87062	0.668731	1.30916	1.30916	0.0387916	0.223704	-4.47019	0.149672	2.62924	2.62924	0.465193	0.628036	-1.59226	3.34349	20.7399	5.51384	1
cg13180098	RHO	0.05177	0.0272451	0.359541	-2.78132	0.0700251	0.452489	-2.21	0.372897	0.698996	-1.43062	0.753521	0.883986	-1.13124	0.00234808	0.189758	-5.26986	0.0896486	0.480704	-2.08028	0.179211	0.572032	-1.74815	0.0764178	0.462249	-2.16334	0.503164	0.766445	-1.30473	3.34349	8.11531	2.15751	1
cg00797152	CALML5	0.051771	0.204984	0.694658	-1.43956	0.609039	0.868897	-1.15088	0.181463	0.679459	-1.47176	0.903146	0.967379	-1.03372	0.182059	0.679861	-1.47089	0.99525	0.998379	-1.00162	0.00582294	0.37389	-2.67458	0.00686446	0.385321	-2.59524	0.0446867	0.533708	-1.87368	3.34347	3.93012	1.04486	1
cg18092363	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0517716	0.925255	1.05056	1.05056	0.368652	1.62477	1.62477	0.194591	2.05706	2.05706	0.594482	0.753943	-1.32636	0.00150135	0.0902693	-11.078	0.319562	0.58235	-1.71718	0.720851	1.20756	1.20756	0.671945	0.799391	-1.25095	0.238091	0.522263	-1.91474	3.34345	14.6313	3.88987	1
cg12520982	KCNQ1;KCNQ1	0.0517726	0.0722011	0.560199	-1.78508	0.257529	0.710897	-1.40667	0.018782	0.439463	-2.2755	0.741719	1.10022	1.10022	0.0539689	0.531658	-1.88091	0.0032558	0.313914	-3.18559	0.361337	0.762633	-1.31125	0.842176	0.944055	-1.05926	0.497027	0.819441	-1.22034	3.34343	4.41605	1.17406	1
cg00577569	KCTD7;KCTD7	0.0517738	0.858608	0.969679	-1.03127	0.63584	1.08585	1.08585	0.717444	1.06476	1.06476	0.12089	0.747942	-1.337	0.185886	0.784909	-1.27403	0.28808	0.826594	-1.20978	0.00123611	0.442442	-2.26018	0.830626	0.963689	-1.03768	0.634689	1.08616	1.08616	3.3434	1.57876	0.419735	1
cg01194782	C5orf51	0.0517782	0.00733421	0.71867	-1.39146	0.0696922	0.823753	-1.21396	0.0648311	0.820216	-1.21919	0.897918	1.01234	1.01234	0.476482	0.933148	-1.07164	0.259577	0.893683	-1.11897	0.285962	0.899504	-1.11172	0.677467	0.960813	-1.04079	0.038728	1.25707	1.25707	3.34329	0.483677	0.128596	1
cg01344273	COL25A1;COL25A1	0.0517783	0.0156131	5.65477	5.65477	0.0881385	3.00329	3.00329	0.427073	1.60623	1.60623	0.856553	0.899656	-1.11154	0.121029	0.374367	-2.67117	0.120055	2.67923	2.67923	0.509998	1.4778	1.4778	0.0135097	5.96953	5.96953	0.0758873	3.17231	3.17231	3.34329	18.0833	4.80785	1
cg02906503	DNAH17	0.051779	0.00745265	0.142105	-7.03703	0.86364	1.10223	1.10223	0.0422006	0.265744	-3.76303	0.763959	0.843219	-1.18593	0.0519032	0.285801	-3.49894	0.0871626	0.343175	-2.91396	0.0465428	0.275055	-3.63563	0.0484346	0.278935	-3.58507	0.0537229	0.289285	-3.45679	3.34327	16.9775	4.51388	1
cg10601582	ZNF98	0.0517795	0.19308	2.39377	2.39377	0.0163918	6.4179	6.4179	0.27082	2.06795	2.06795	0.336622	0.533744	-1.87356	0.138385	0.363849	-2.74839	0.363962	0.553646	-1.80621	0.0867534	0.301542	-3.31629	0.0356901	4.70759	4.70759	0.960992	0.969481	-1.03148	3.34326	21.2652	5.6539	1
cg25445707	ALS2CL;ALS2CL	0.0517796	0.110012	0.608917	-1.64226	0.583894	0.854265	-1.1706	0.0128316	0.414746	-2.41111	0.00722078	0.372588	-2.68393	0.014276	0.422923	-2.3645	0.776067	0.921996	-1.0846	0.891031	0.961717	-1.03981	0.921465	0.972308	-1.02848	0.21156	0.68743	-1.45469	3.34325	4.29411	1.1417	1
cg07241479	PRRT1	0.0517804	0.0282248	1.6488	1.6488	0.4406	1.16391	1.16391	0.609521	1.10453	1.10453	0.427161	1.16938	1.16938	0.366801	0.836158	-1.19595	0.664948	1.08774	1.08774	0.0508372	1.53631	1.53631	0.00277241	2.21743	2.21743	0.799262	0.952008	-1.05041	3.34324	1.97235	0.524403	1
cg21030939	IFNGR1	0.051783	0.724811	0.949615	-1.05306	0.00415958	0.570166	-1.75388	0.342998	1.15361	1.15361	0.220145	0.828142	-1.20752	0.279332	0.848308	-1.17882	0.0624279	0.735838	-1.359	0.0529585	0.724917	-1.37947	0.21206	1.212	1.212	0.43424	0.889847	-1.12379	3.34317	1.1328	0.301192	1
cg13344806	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.0517838	0.700541	0.938432	-1.06561	0.947648	0.98926	-1.01086	0.248489	1.21941	1.21941	0.17511	1.26761	1.26761	0.0311656	0.659771	-1.51568	0.0073157	0.566288	-1.76589	?	?	?	0.630206	1.08304	1.08304	0.337127	1.17672	1.17672	3.39192	1.29118	0.380664	1
cg12634932	CCL28	0.0517854	0.060398	18.4303	18.4303	0.301314	4.36501	4.36501	0.17711	7.19956	7.19956	0.0903486	0.0766894	-13.0396	0.90749	0.852179	-1.17346	0.0682497	0.0602445	-16.599	?	?	?	0.224707	5.78239	5.78239	0.0244893	39.9448	39.9448	3.39188	90.4131	26.6558	1
cg16547678	CHURC1	0.0517869	0.0321525	0.568173	-1.76003	0.162543	0.714719	-1.39915	0.201414	0.737921	-1.35516	0.0135289	0.502321	-1.99076	0.0187703	0.526524	-1.89925	0.107487	0.673188	-1.48547	0.17174	1.38783	1.38783	0.721506	0.922537	-1.08397	0.150691	0.706823	-1.41478	3.34307	2.68688	0.714414	1
cg00582820	OSBPL11	0.0517877	0.400399	1.06863	1.06863	0.0124021	1.27125	1.27125	0.102103	0.871128	-1.14794	0.154879	1.12457	1.12457	0.0878871	1.15632	1.15632	0.252092	1.09664	1.09664	0.190047	0.898506	-1.11296	0.117554	1.14005	1.14005	0.0625586	1.1754	1.1754	3.34306	0.314824	0.0837088	1
cg16361947	RPSA;RPSA;SNORA62	0.0517883	0.0241523	0.465619	-2.14768	0.575252	0.851328	-1.17464	0.652375	0.879041	-1.1376	0.327986	1.33252	1.33252	0.00451925	0.341021	-2.93237	0.218354	0.692038	-1.44501	0.228141	0.697923	-1.43282	0.171118	1.51334	1.51334	0.315502	0.744475	-1.34323	3.34304	4.2799	1.13799	1
cg18078658	TPH2	0.0517894	0.31617	0.448265	-2.23082	0.0489194	0.175346	-5.70301	0.0438682	0.166395	-6.00978	0.383563	0.500681	-1.99728	0.111829	0.26167	-3.8216	0.119374	0.270222	-3.70066	0.00338947	0.0457552	-21.8554	0.3845	0.501397	-1.99443	0.0204407	0.114988	-8.69654	3.34301	31.7388	8.43918	1
cg13812291	IGF1R	0.0517897	0.0525269	0.258213	-3.87278	0.0140505	0.155313	-6.43861	0.054519	0.261905	-3.81817	0.92943	1.05591	1.05591	0.0276837	0.202146	-4.94691	0.411212	0.596841	-1.67549	0.0218666	0.184576	-5.41783	0.0287672	0.205149	-4.87451	0.194779	0.430682	-2.3219	3.343	19.9733	5.31079	1
cg19038540	S1PR1	0.0517897	0.0347689	0.447367	-2.2353	0.0865933	0.538625	-1.85658	0.0118815	0.358287	-2.79105	0.135701	0.591202	-1.69147	0.0180945	0.391265	-2.55581	0.17004	0.620213	-1.61235	0.143833	0.598499	-1.67085	0.0125143	0.362236	-2.76063	0.514035	0.805483	-1.24149	3.343	5.65703	1.50418	1
cg18280251	ABCA13	0.0517907	0.0409302	0.403977	-2.47539	0.0642887	0.44994	-2.22252	0.0870534	0.48388	-2.06663	0.356522	0.69467	-1.43953	0.0245023	0.357227	-2.79934	0.0417703	0.405941	-2.46341	0.00909333	0.279908	-3.57261	0.0836757	0.479291	-2.08642	0.0371247	0.394671	-2.53376	3.34298	7.81405	2.07773	1
cg16376379	GIP	0.0517915	0.0377666	0.134277	-7.44732	0.00923281	0.0636889	-15.7013	0.115711	0.240521	-4.15764	0.172925	0.2986	-3.34896	0.0300554	0.119264	-8.38478	0.0893512	0.209914	-4.76385	0.0205619	0.0977896	-10.226	0.0370525	0.132955	-7.52136	0.155704	0.281999	-3.54611	3.34296	36.7692	9.7769	1
cg12499157	TAP1	0.0517919	0.376376	1.34949	1.34949	0.474807	1.27121	1.27121	0.00826503	0.327883	-3.04987	0.406443	1.32367	1.32367	0.0678823	0.509049	-1.96445	0.455268	1.28544	1.28544	0.103025	1.80196	1.80196	0.168317	0.615867	-1.62373	0.139901	0.591895	-1.68949	3.34295	5.77182	1.53472	1
cg08759238	TBCD	0.0517921	0.655947	1.09975	1.09975	0.0554719	1.58449	1.58449	0.00168073	2.59156	2.59156	0.951485	0.987181	-1.01299	0.261608	1.28176	1.28176	0.577822	1.12662	1.12662	0.0942698	1.47708	1.47708	0.395481	0.831495	-1.20265	0.827782	1.04728	1.04728	3.34295	2.38061	0.633003	1
cg17759082	SEC22A	0.0517931	0.143968	0.278967	-3.58465	0.344116	0.452695	-2.20899	0.235733	0.364021	-2.74709	0.124932	0.259033	-3.86052	0.00199562	0.0287538	-34.778	0.591408	1.55378	1.55378	0.367317	0.470888	-2.12365	0.252088	0.377954	-2.64582	0.211366	2.91779	2.91779	3.34292	35.0163	9.31091	1
cg00161247	GRIN1;GRIN1;GRIN1	0.0517932	0.42189	0.723121	-1.38289	0.223518	1.65754	1.65754	0.2678	1.57793	1.57793	0.925977	1.0374	1.0374	0.787535	0.898759	-1.11265	0.329181	1.48872	1.48872	0.00203654	0.179341	-5.57597	0.141778	0.535688	-1.86676	0.896774	0.950005	-1.05263	3.34292	8.26626	2.19802	1
cg07354556	NMU	0.0517934	0.351192	1.22616	1.22616	0.762919	1.0664	1.0664	0.321877	1.24292	1.24292	0.395177	0.831065	-1.20328	0.163879	1.3712	1.3712	0.399449	1.20118	1.20118	0.603214	1.11788	1.11788	0.00518759	2.19025	2.19025	0.00554098	2.16951	2.16951	3.34291	2.39072	0.635699	1
cg02356758	GPRIN1	0.051794	0.929213	1.02926	1.02926	0.111927	1.75389	1.75389	0.0844284	0.538199	-1.85805	0.864929	1.05681	1.05681	0.00932137	0.342845	-2.91677	0.699776	1.13402	1.13402	0.019262	0.398959	-2.50653	0.587317	0.83706	-1.19466	0.117414	0.575821	-1.73665	3.3429	5.57738	1.48305	1
cg11091779	ZBTB38	0.051794	0.00514316	0.11538	-8.66699	0.0389804	0.24746	-4.04105	0.183884	0.438737	-2.27927	0.998963	1.00076	1.00076	0.0449834	0.260669	-3.83628	0.999047	0.999302	-1.0007	0.546848	0.700259	-1.42804	0.0440843	0.258766	-3.8645	0.0382359	0.245733	-4.06946	3.3429	18.0808	4.80774	1
cg20452738	ITPKB	0.051794	0.0052667	0.211573	-4.72651	0.0510052	0.391284	-2.55569	0.0912052	0.455966	-2.19315	0.0622469	0.41227	-2.42559	0.0481735	0.38547	-2.59424	0.0594256	0.407281	-2.45531	0.189856	0.556446	-1.79712	0.0247695	0.323589	-3.09034	0.180259	0.548426	-1.8234	3.3429	9.4353	2.50888	1
cg24603235	ITPR3	0.051796	0.0320473	0.256257	-3.90234	0.012789	0.18702	-5.34702	0.0201144	0.218722	-4.57201	0.0180091	0.210577	-4.74885	0.0715097	0.335867	-2.97737	0.304804	0.562089	-1.77908	0.0486213	0.294914	-3.39082	0.140044	0.422867	-2.36481	0.168251	0.451126	-2.21668	3.34285	15.5594	4.13736	1
cg26301565	GP5	0.0517988	0.0622812	3.14837	3.14837	0.038668	3.70135	3.70135	0.677322	1.25696	1.25696	0.37434	1.64597	1.64597	0.0205101	4.59754	4.59754	0.32814	1.73605	1.73605	0.0169359	4.91275	4.91275	0.015473	5.06981	5.06981	0.0337645	3.87602	3.87602	3.34278	15.8117	4.20454	1
cg20850582	LRBA	0.0517996	0.0431329	0.772235	-1.29494	0.0851627	1.23544	1.23544	0.886509	0.984262	-1.01599	0.678564	0.954762	-1.04738	0.967772	0.995522	-1.0045	0.650019	1.05205	1.05205	0.0250961	0.743805	-1.34444	0.402528	1.09984	1.09984	0.0119115	0.705654	-1.41712	3.34276	0.653265	0.173713	1
cg19831369	HPS4;SRRD	0.0518	0.0608164	0.185333	-5.39568	0.0130614	0.0857996	-11.6551	0.14815	0.290177	-3.44617	0.294592	0.420214	-2.37974	0.0440578	0.15798	-6.32991	0.173806	0.315346	-3.17112	0.00638375	0.0589667	-16.9587	0.0428448	0.15581	-6.41806	0.124703	0.265618	-3.76481	3.34275	33.6775	8.95537	1
cg17340519	CNIH3	0.0518015	0.047156	4.85145	4.85145	0.00635515	11.8202	11.8202	0.0797361	3.86522	3.86522	0.882149	1.10865	1.10865	0.756543	0.805558	-1.24138	0.134071	3.07525	3.07525	0.236455	2.36907	2.36907	0.0103266	9.45541	9.45541	0.229032	2.40525	2.40525	3.34271	25.5925	6.80552	1
cg13830870	CLEC9A	0.0518016	0.052563	0.566637	-1.7648	0.00444827	0.376057	-2.65917	0.901366	1.03247	1.03247	0.225373	0.72025	-1.38841	0.915829	1.02762	1.02762	0.251696	0.734457	-1.36155	0.0794121	1.65173	1.65173	0.572774	1.15821	1.15821	0.211482	0.712297	-1.40391	3.34271	3.51652	0.935108	1
cg06889422	GGT5;GGT5;GGT5	0.0518033	0.662118	1.12149	1.12149	0.106847	1.58258	1.58258	0.188828	1.43766	1.43766	0.169661	1.46441	1.46441	0.72343	1.09708	1.09708	0.0452254	1.8204	1.8204	0.54305	1.17413	1.17413	0.00379658	2.76795	2.76795	0.0107621	2.30605	2.30605	3.34267	3.59959	0.95721	1
cg04944873	F13A1;F13A1	0.0518035	0.0845407	0.622369	-1.60676	0.850457	0.954171	-1.04803	0.00835035	2.31116	2.31116	0.234979	0.73389	-1.3626	0.0634845	0.59532	-1.67977	0.760055	1.07911	1.07911	0.087616	0.625844	-1.59784	0.153569	0.684012	-1.46196	0.99087	0.99716	-1.00285	3.34266	3.27058	0.869719	1
cg08042710	SNORD115-11;SNORD115-36;SNORD115-43;SNORD115-29	0.0518043	0.0272557	0.285526	-3.50231	0.0152435	0.239414	-4.17687	0.0624995	0.365779	-2.73389	0.601899	0.776856	-1.28724	0.00517949	0.17025	-5.87371	0.178394	0.503621	-1.98562	0.451987	0.692395	-1.44426	0.315576	0.607861	-1.64511	0.0703196	0.378889	-2.63929	3.34264	12.1838	3.23996	1
cg12662193	PLSCR1	0.0518051	0.048686	0.61174	-1.63468	0.1225	0.694002	-1.44092	0.0713764	0.64434	-1.55198	0.0176833	0.532713	-1.87718	0.0123297	0.506537	-1.97419	0.0216222	0.547711	-1.82578	0.0342574	0.583257	-1.71451	0.306971	0.793869	-1.25965	0.536097	0.872184	-1.14655	3.34262	2.52205	0.670678	1
cg23102026	GRAMD1A;GRAMD1A	0.0518052	0.0219941	0.792472	-1.26187	0.0349167	1.23135	1.23135	0.046412	1.21305	1.21305	0.624341	1.04267	1.04267	0.193197	0.889964	-1.12364	0.540533	0.948898	-1.05385	0.115419	0.865111	-1.15592	0.568969	1.04994	1.04994	0.366639	1.08168	1.08168	3.34262	0.379448	0.100905	1
cg19239018	GPATCH3	0.0518064	0.866668	1.01868	1.01868	0.0132724	0.713253	-1.40203	0.0128982	0.711808	-1.40487	0.433086	0.915677	-1.09209	0.802455	0.972774	-1.02799	0.965911	0.995305	-1.00472	0.545636	1.06967	1.06967	0.25198	1.14086	1.14086	0.0600389	1.26315	1.26315	3.34259	0.641942	0.17071	1
cg25350986	FOXK1	0.0518065	0.0460612	5.62146	5.62146	0.853331	1.15002	1.15002	0.619449	0.685139	-1.45956	0.0774129	4.40467	4.40467	0.171216	3.00523	3.00523	0.0380029	6.15232	6.15232	0.201146	0.36072	-2.77223	0.00903779	12.2602	12.2602	0.144025	3.27222	3.27222	3.34259	30.1995	8.03091	1
cg12550055	C22orf45;C22orf45;UPB1	0.0518085	0.0300427	3.46598	3.46598	0.104544	2.37316	2.37316	0.35328	1.59236	1.59236	0.9537	0.972115	-1.02869	0.274173	1.7406	1.7406	0.393369	0.653203	-1.53092	0.129761	2.21935	2.21935	0.0190568	3.98409	3.98409	0.00709199	5.44393	5.44393	3.34254	12.5598	3.34005	1
cg00875852	HEATR4	0.0518095	0.918007	0.967443	-1.03365	0.220655	1.5127	1.5127	0.077511	0.532198	-1.879	0.672869	0.872403	-1.14626	0.0180351	0.397153	-2.51792	0.0201549	0.406237	-2.46162	0.0258923	0.427345	-2.34003	0.953206	0.981314	-1.01904	0.379254	1.33636	1.33636	3.34252	5.46962	1.45456	1
cg21246531	RECK	0.0518097	0.224709	0.554081	-1.80479	0.0207814	0.275662	-3.62764	0.0342129	0.318545	-3.13927	0.909952	0.948966	-1.05378	0.100441	0.434661	-2.30064	0.242899	0.567908	-1.76085	0.00424391	0.169998	-5.88242	0.663513	0.81654	-1.22468	0.0533804	0.362036	-2.76216	3.34251	11.3479	3.01781	1
cg12952736	SND1	0.0518104	0.739806	1.07934	1.07934	0.00536076	2.3165	2.3165	0.124532	1.46369	1.46369	0.836863	0.953867	-1.04836	0.20415	1.35931	1.35931	0.257677	1.31073	1.31073	0.00572294	2.29311	2.29311	0.10794	1.49452	1.49452	0.715326	1.08753	1.08753	3.34249	2.77793	0.73875	1
cg19953843	CCDC117	0.0518115	0.410526	0.682726	-1.46472	0.233733	1.76151	1.76151	0.630133	1.24613	1.24613	0.509933	1.35409	1.35409	0.242739	0.574412	-1.74091	0.417923	1.45557	1.45557	0.00274279	0.153402	-6.51883	0.0578287	0.378082	-2.64493	0.917003	1.04841	1.04841	3.34247	10.8875	2.8954	1
cg04295258	LOC642587	0.0518128	0.236792	0.709733	-1.40898	0.838633	0.945159	-1.05802	0.0232304	0.472157	-2.11794	0.527045	0.837547	-1.19396	0.00261983	0.315836	-3.1662	0.768692	1.08499	1.08499	0.355864	1.30043	1.30043	0.489225	0.823392	-1.21449	0.114083	0.621594	-1.60877	3.34244	4.05041	1.07717	1
cg16945615	XDH	0.0518129	0.804078	0.924729	-1.0814	0.981061	1.0075	1.0075	0.00497914	0.310244	-3.22327	0.0135584	0.382195	-2.61646	0.458	0.788256	-1.26862	0.954611	1.01808	1.01808	0.679218	0.877288	-1.13988	0.0444885	0.483593	-2.06785	0.0487726	0.492363	-2.03102	3.34243	5.2472	1.39544	1
cg00614684	ZMYND11;ZMYND11;ZMYND11	0.0518141	0.968938	0.989529	-1.01058	0.274509	1.35984	1.35984	0.415523	1.2523	1.2523	0.706569	1.10765	1.10765	0.0922893	0.605982	-1.65021	0.98647	0.995426	-1.00459	0.00271151	0.326368	-3.06403	0.10688	0.621344	-1.60941	0.153937	0.661897	-1.51081	3.3424	3.8687	1.02885	1
cg19193197	SLC2A11;SLC2A11;SLC2A11	0.0518142	0.969115	1.01602	1.01602	0.00485902	4.63073	4.63073	0.014429	3.44717	3.44717	0.905597	0.95247	-1.0499	0.158314	0.538465	-1.85713	0.686432	1.18126	1.18126	0.125914	1.97331	1.97331	0.715319	1.16224	1.16224	0.804412	0.903171	-1.10721	3.3424	8.91844	2.3718	1
cg11384924	COL11A2;COL11A2;COL11A2;COL11A2;COL11A2;COL11A2;COL11A2;COL11A2	0.0518143	0.0807722	0.63445	-1.57617	0.0296275	1.8251	1.8251	0.457949	1.19433	1.19433	0.463681	0.839246	-1.19155	0.0540155	0.59817	-1.67177	0.476572	0.843611	-1.18538	0.381787	0.809968	-1.23462	0.068229	0.618939	-1.61567	0.0244899	0.532779	-1.87695	3.3424	2.9224	0.777194	1
cg13086606	MIR548H4;GLCE	0.0518147	0.780078	1.03143	1.03143	0.352211	1.11164	1.11164	0.430231	0.914833	-1.0931	0.330282	0.894881	-1.11747	0.736281	1.03808	1.03808	0.0111421	0.703451	-1.42156	0.00814444	1.45419	1.45419	0.619765	1.05686	1.05686	0.347419	1.11289	1.11289	3.34239	0.646999	0.172066	1
cg06087029	ATRIP;ATRIP	0.0518148	0.920511	1.02022	1.02022	0.946266	0.986573	-1.01361	0.34929	1.21318	1.21318	0.0143457	0.54583	-1.83207	0.227403	0.77558	-1.28936	0.00736818	0.500264	-1.99894	0.0878957	0.685394	-1.45902	0.45815	1.1636	1.1636	0.465804	1.16051	1.16051	3.34239	2.12933	0.566283	1
cg04835613	APOBEC3C;APOBEC3C	0.0518154	0.0219445	0.212887	-4.69733	0.0107938	0.164926	-6.06332	0.0372462	0.256453	-3.89935	0.0203184	0.207148	-4.82747	0.0484936	0.281239	-3.5557	0.17069	0.439972	-2.27287	0.0689796	0.318135	-3.14332	0.167249	0.436675	-2.29003	0.124662	0.392367	-2.54863	3.34237	16.7662	4.45889	1
cg06438300	FAM19A2	0.0518175	0.737758	0.895792	-1.11633	0.271618	1.45467	1.45467	0.242039	0.669651	-1.49332	0.00233511	0.248666	-4.02146	0.406616	1.32051	1.32051	0.946447	1.02224	1.02224	0.678356	0.872343	-1.14634	0.186169	1.58249	1.58249	0.214561	1.53402	1.53402	3.34232	5.67709	1.50982	1
cg22748630	LOC338799;SETD1B	0.0518176	0.125455	0.659491	-1.51632	0.189963	0.705761	-1.41691	0.902928	1.0311	1.0311	0.286863	1.31998	1.31998	0.805614	0.939982	-1.06385	0.0624433	1.69284	1.69284	0.63397	1.12796	1.12796	0.0398881	0.550849	-1.81538	0.00983545	0.440822	-2.26849	3.34232	3.33575	0.887144	1
cg07430284	C13orf33	0.0518185	0.422189	0.84784	-1.17947	0.0783628	0.674569	-1.48243	0.058018	0.649611	-1.53938	0.128291	0.718217	-1.39234	0.955153	0.988741	-1.01139	0.0157058	1.81502	1.81502	0.070759	1.50157	1.50157	0.28412	0.799298	-1.2511	0.916844	0.979193	-1.02125	3.34229	2.14557	0.570619	1
cg24827399	PPP1R12A;PPP1R12A;PPP1R12A	0.0518196	0.0016491	0.396641	-2.52117	0.975949	0.993831	-1.00621	0.980645	0.995033	-1.00499	0.0640197	0.652293	-1.53305	0.483211	1.15751	1.15751	0.979049	0.994624	-1.0054	0.987962	0.996908	-1.0031	0.333028	1.22749	1.22749	0.256482	0.784173	-1.27523	3.34227	2.23038	0.593177	1
cg02383130	AMPH;AMPH;AMPH;AMPH	0.0518216	0.166987	0.293445	-3.4078	0.0109658	15.3076	15.3076	0.0137564	13.4186	13.4186	?	?	?	0.985604	1.01498	1.01498	0.428667	1.95015	1.95015	?	?	?	0.284997	2.51041	2.51041	0.521897	1.70911	1.70911	3.73067	30.5466	8.18797	1
cg25103043	PRKCG	0.051822	0.356889	0.449382	-2.22528	0.203808	3.10241	3.10241	0.0352952	7.92012	7.92012	0.91558	0.91438	-1.09364	?	?	?	0.707031	0.727074	-1.37538	0.405833	2.05011	2.05011	0.00554994	0.0461535	-21.6669	0.781115	1.26509	1.26509	3.39095	34.0175	10.0318	1
cg27118929	MIR548H4;NOX5	0.0518223	0.0873717	0.411047	-2.43281	0.0778716	2.51683	2.51683	0.269078	0.581465	-1.7198	0.0857462	0.408773	-2.44635	0.00908771	0.209818	-4.76604	0.0438076	0.335695	-2.97889	0.20485	0.532488	-1.87798	0.163092	0.495938	-2.01638	0.201862	0.530022	-1.88671	3.3422	11.7464	3.12405	1
cg24499605	PRDM16;PRDM16	0.0518224	0.0570247	0.487089	-2.05301	0.80676	1.08531	1.08531	0.323168	0.711155	-1.40616	0.137434	0.586033	-1.70639	0.00721521	0.314048	-3.18423	0.224498	1.53142	1.53142	0.937417	1.02658	1.02658	0.704877	0.880644	-1.13553	0.0151942	0.369326	-2.70763	3.3422	5.90606	1.57077	1
cg23830290	RBPMS;RBPMS;RBPMS;RBPMS	0.0518228	0.0191177	4.74924	4.74924	0.0190517	4.75495	4.75495	0.0631481	3.15254	3.15254	0.353708	1.68914	1.68914	0.03721	3.77625	3.77625	0.285704	1.83886	1.83886	0.00744394	6.64259	6.64259	0.133744	2.43151	2.43151	0.501737	1.45436	1.45436	3.34219	15.9761	4.24901	1
cg14348441	IPCEF1;IPCEF1;IPCEF1	0.0518233	0.0865558	0.72184	-1.38535	0.0196945	0.615681	-1.62422	0.00951384	0.56805	-1.76041	0.536485	1.11379	1.11379	0.126996	0.752637	-1.32866	0.840999	1.03519	1.03519	0.704944	1.06769	1.06769	0.194464	0.789525	-1.26658	0.0311568	0.64697	-1.54567	3.34218	1.56911	0.417322	1
cg11065694	ADAM6	0.051824	0.0857008	0.517701	-1.93162	0.615015	1.19216	1.19216	0.468304	0.774319	-1.29146	0.273092	0.67344	-1.48491	0.00287279	0.24138	-4.14285	0.311609	0.695698	-1.4374	0.233	0.648257	-1.5426	0.0321518	0.419012	-2.38657	0.0384435	0.435486	-2.29629	3.34216	6.3594	1.69136	1
cg00005390	AMDHD2;ATP6V0C;AMDHD2	0.0518242	0.0967022	1.87491	1.87491	0.00950036	3.10367	3.10367	0.0102706	3.04965	3.04965	0.105814	1.83852	1.83852	0.281405	1.47094	1.47094	0.0899532	1.90456	1.90456	0.296244	1.45257	1.45257	0.0155784	2.77987	2.77987	0.142004	1.7232	1.7232	3.34215	6.28943	1.67275	1
cg05919661	LMBR1L	0.0518253	0.341364	0.901816	-1.10887	0.975841	1.0032	1.0032	0.343479	1.10834	1.10834	0.00672088	0.690405	-1.44843	0.549354	0.93814	-1.06594	0.136126	0.844275	-1.18445	0.00591233	0.684166	-1.46163	0.181683	0.86119	-1.16118	0.531141	0.935319	-1.06915	3.34213	0.5881	0.156414	1
cg05958294	PCID2;PCID2;PCID2	0.0518254	0.0668542	2.39223	2.39223	0.0172725	3.42563	3.42563	0.0201825	3.28511	3.28511	0.103741	2.12829	2.12829	0.0911555	2.20323	2.20323	0.0271349	3.03558	3.03558	0.0342563	2.85378	2.85378	0.032234	2.90009	2.90009	0.120716	2.0431	2.0431	3.34212	9.54017	2.53735	1
cg23470137	NAP1L4	0.0518274	0.00763816	0.331887	-3.01307	0.84729	0.939878	-1.06397	0.196518	0.644562	-1.55144	0.0110533	0.358814	-2.78696	0.317893	1.39379	1.39379	0.0475805	0.482526	-2.07243	0.925501	1.03054	1.03054	0.946	1.02202	1.02202	0.897658	1.04225	1.04225	3.34208	5.47477	1.45612	1
cg06422659	NAB2	0.0518276	0.0932631	0.774167	-1.29171	0.52781	1.09273	1.09273	0.689002	0.945753	-1.05736	0.021357	0.681496	-1.46736	0.960365	0.993134	-1.00691	0.0973518	1.28688	1.28688	0.010749	0.64124	-1.55948	0.0855833	0.768396	-1.30141	0.442802	0.89719	-1.11459	3.34207	1.01738	0.270592	1
cg25621466	TMEM183A	0.0518279	0.00467131	2.10167	2.10167	0.0863014	0.687827	-1.45385	0.880542	1.03014	1.03014	0.439175	0.855723	-1.1686	0.277269	0.800006	-1.24999	0.157063	1.3483	1.3483	0.656552	0.915412	-1.0924	0.948715	1.01278	1.01278	0.0979318	0.698709	-1.43121	3.34206	2.06411	0.548991	1
cg26138776	E2F1	0.0518279	0.644934	0.93364	-1.07108	0.142708	1.26256	1.26256	0.029835	1.45976	1.45976	0.353402	1.15177	1.15177	0.60623	0.925942	-1.07998	0.812161	1.03586	1.03586	0.0397795	0.703449	-1.42157	0.00940123	1.62781	1.62781	0.53748	1.0968	1.0968	3.34206	1.15908	0.308281	1
cg24832838	LOC285696;BASP1	0.0518289	0.234965	0.809738	-1.23497	0.112883	1.33985	1.33985	0.0103437	1.72914	1.72914	0.588501	1.09703	1.09703	0.178646	1.27411	1.27411	0.0594247	1.43439	1.43439	0.0213833	1.59806	1.59806	0.11661	1.33516	1.33516	0.0573099	1.43988	1.43988	3.34204	1.52136	0.40464	1
cg26195358	NPAS3;NPAS3;NPAS3;NPAS3	0.0518304	0.00634969	0.141485	-7.06791	0.511274	1.44298	1.44298	0.224489	0.49544	-2.01841	0.10126	0.372432	-2.68506	0.616718	1.32016	1.32016	0.246513	0.513227	-1.94846	0.103124	0.374802	-2.66808	0.408036	0.627629	-1.5933	0.00980785	0.165788	-6.03181	3.342	16.036	4.26517	1
cg00796360	ZNF583;ZNF583;ZNF583	0.0518314	0.00312172	0.606012	-1.65013	0.100225	0.79998	-1.25003	0.829767	0.973672	-1.02704	0.11839	0.810518	-1.23378	0.0551777	0.76385	-1.30916	0.0839037	0.788978	-1.26746	0.468818	0.912715	-1.09563	0.854522	0.977512	-1.023	0.255371	1.15852	1.15852	3.34198	0.812778	0.21618	1
cg08248285	CFL2;CFL2;CFL2;CFL2;CFL2;CFL2	0.0518329	0.81491	1.09397	1.09397	0.800533	1.10182	1.10182	0.00888845	3.57937	3.57937	0.309912	1.49548	1.49548	0.983059	1.00817	1.00817	0.130716	0.535222	-1.86838	0.615391	0.823645	-1.21412	0.0210629	0.345513	-2.89425	0.131851	1.86442	1.86442	3.34194	7.7645	2.0652	1
cg24050671	CCDC15	0.051833	0.00218206	0.308646	-3.23995	0.63433	0.877185	-1.14001	0.474901	1.21983	1.21983	0.699822	1.11176	1.11176	0.122392	0.632662	-1.58062	0.0365062	0.514448	-1.94383	0.565372	0.853061	-1.17225	0.80634	1.06948	1.06948	0.659888	1.12875	1.12875	3.34194	3.9583	1.05283	1
cg18766077	PPA1	0.0518342	0.696062	1.19354	1.19354	0.435411	1.43138	1.43138	0.220838	1.78614	1.78614	0.650735	1.22803	1.22803	0.657365	1.22285	1.22285	0.241878	0.575768	-1.73681	0.00151554	0.127612	-7.83627	0.587554	1.27993	1.27993	0.810689	1.11422	1.11422	3.34191	10.7503	2.8594	1
cg09055507	PYCARD;PYCARD	0.0518357	0.0113025	0.346898	-2.88269	0.192469	1.58464	1.58464	0.616999	1.18325	1.18325	0.825179	1.07662	1.07662	0.00795035	0.321217	-3.11316	0.60796	0.841412	-1.18848	0.0725042	0.512343	-1.95182	0.823044	0.927977	-1.07761	0.334568	0.717404	-1.39391	3.34187	5.89456	1.56787	1
cg12312338	COL11A2;COL11A2;COL11A2	0.0518368	0.400918	1.24358	1.24358	0.894503	0.966921	-1.03421	0.231708	0.727577	-1.37442	0.31168	0.766925	-1.30391	0.0406124	0.549129	-1.82107	0.07464	0.604418	-1.65448	0.0136666	2.16684	2.16684	0.537978	1.17129	1.17129	0.0806351	0.611862	-1.63435	3.34184	3.40232	0.904976	1
cg02512724	PTPRN2;PTPRN2;PTPRN2	0.0518382	0.324907	1.18344	1.18344	0.0894557	1.36374	1.36374	0.245212	0.817597	-1.2231	0.679679	1.07121	1.07121	0.00518043	0.542573	-1.84307	0.128678	1.31266	1.31266	0.582551	0.912129	-1.09634	0.183382	1.26348	1.26348	0.38275	1.15986	1.15986	3.34181	1.45283	0.386439	1
cg26728709	ARSJ	0.0518391	0.862275	1.1479	1.1479	0.215156	2.81919	2.81919	0.0778157	4.74376	4.74376	0.385967	0.493608	-2.0259	0.0161888	0.0966479	-10.3468	0.287698	0.416077	-2.4034	0.0135205	0.0881908	-11.339	0.82488	1.19249	1.19249	0.238859	0.375342	-2.66423	3.34179	33.3986	8.88377	1
cg04066396	PKP4;PKP4	0.0518393	0.398353	1.08076	1.08076	0.57764	0.950731	-1.05182	0.809097	0.978495	-1.02198	0.837893	0.981769	-1.01857	0.972474	1.0031	1.0031	0.450599	1.07148	1.07148	0.00360801	0.701957	-1.42459	0.0205733	1.28473	1.28473	0.54906	1.05596	1.05596	3.34178	0.426969	0.11357	1
cg21694349	FBXO24;LRCH4;FBXO24	0.0518393	0.534044	0.903939	-1.10627	0.218177	1.23086	1.23086	0.0281591	1.51545	1.51545	0.502054	1.11544	1.11544	0.0588635	1.40799	1.40799	0.385391	1.15339	1.15339	0.0173834	0.628488	-1.59112	0.155113	0.783501	-1.27632	0.390585	1.15151	1.15151	3.34178	1.36103	0.362024	1
cg12787209	SPINT1;SPINT1;SPINT1	0.0518397	0.680736	0.888738	-1.12519	0.55457	0.843318	-1.18579	0.000774595	0.234456	-4.2652	0.208987	0.685528	-1.45873	0.813649	0.934895	-1.06964	0.996158	0.998628	-1.00137	0.989177	1.00387	1.00387	0.283508	0.727844	-1.37392	0.239798	0.704042	-1.42037	3.34177	4.30185	1.14426	1
cg05499189	RAI14;RAI14;RAI14;RAI14;RAI14	0.0518404	0.0160752	2.00876	2.00876	0.60004	0.882259	-1.13345	0.37955	0.807806	-1.23792	0.0858481	1.56747	1.56747	0.00953845	0.459634	-2.17564	0.939835	0.982286	-1.01803	0.534437	1.16063	1.16063	0.421619	1.21454	1.21454	0.616512	0.887321	-1.12699	3.34175	2.96697	0.789199	1
cg10703826	TBX15;TBX15	0.0518418	0.0610712	0.158654	-6.30302	0.018194	0.0820183	-12.1924	0.144428	0.254772	-3.92508	0.338815	0.423192	-2.363	0.026907	0.101687	-9.83405	0.103459	0.211558	-4.72684	0.026804	0.101475	-9.85468	0.187203	3.38465	3.38465	0.139183	0.24952	-4.0077	3.34172	40.2613	10.7094	1
cg01896656	HEATR2	0.0518424	0.461014	1.19246	1.19246	0.593989	1.1345	1.1345	0.639047	1.11717	1.11717	0.66103	0.901688	-1.10903	0.446818	0.833724	-1.19944	0.163487	0.705544	-1.41735	0.00130378	2.99835	2.99835	0.647837	1.11389	1.11389	0.454727	1.19552	1.19552	3.3417	2.91118	0.774371	1
cg22398461	PMVK	0.0518432	0.60639	1.06814	1.06814	0.505779	1.08941	1.08941	0.0136589	0.679181	-1.47236	0.0299743	1.38243	1.38243	0.0512562	1.32515	1.32515	0.104282	0.798329	-1.25262	0.523398	0.921251	-1.08548	0.505093	1.08956	1.08956	0.900493	1.01599	1.01599	3.34169	0.851359	0.226462	1
cg04316564	PARD3B;PARD3B;PARD3B	0.0518481	0.218999	1.23955	1.23955	0.491298	1.12314	1.12314	0.737323	1.05751	1.05751	0.0779919	1.38448	1.38448	0.908035	1.01938	1.01938	0.0131833	0.600201	-1.66611	0.0116558	0.592327	-1.68826	0.998692	0.999728	-1.00027	0.804768	1.042	1.042	3.34157	1.46044	0.388492	1
cg13283199	PCDHB7	0.0518482	0.29545	1.69278	1.69278	0.254288	0.56129	-1.78161	0.973369	0.983935	-1.01633	0.180718	0.501812	-1.99278	0.0105345	0.20986	-4.76509	0.199531	1.93012	1.93012	0.0703147	0.374751	-2.66844	0.048068	2.99281	2.99281	0.956224	0.97372	-1.02699	3.34156	12.4565	3.31356	1
cg18924298	NRN1	0.0518483	0.576616	0.815355	-1.22646	0.660928	1.1732	1.1732	0.113692	1.86423	1.86423	0.96868	1.01431	1.01431	0.45615	0.759828	-1.31609	0.881014	0.947237	-1.0557	0.0115891	0.319108	-3.13374	0.0106703	3.19515	3.19515	0.274774	1.50866	1.50866	3.34156	6.93116	1.84376	1
cg18175518	C7orf10	0.0518489	0.303467	0.768671	-1.30095	0.263774	1.33316	1.33316	0.0272477	0.524671	-1.90596	0.658826	1.11592	1.11592	0.00806224	0.4327	-2.31107	0.614758	1.13345	1.13345	0.0206974	0.502766	-1.989	0.595612	0.876151	-1.14136	0.411947	0.812956	-1.23008	3.34154	3.22463	0.85779	1
cg22271663	FBXL16	0.05185	0.112625	2.24684	2.24684	0.32283	1.61393	1.61393	0.336535	1.59115	1.59115	0.0769072	2.51444	2.51444	0.114971	2.23308	2.23308	0.083442	2.45503	2.45503	0.00737457	5.04519	5.04519	0.00834343	4.85546	4.85546	0.0376251	3.09697	3.09697	3.34152	11.6272	3.093	1
cg20302497	GAL3ST2	0.0518506	0.579485	0.806126	-1.2405	0.0281947	2.71239	2.71239	0.34972	0.690299	-1.44865	0.0789263	2.11948	2.11948	0.371845	0.702556	-1.42337	0.704429	1.15806	1.15806	0.0289511	0.371036	-2.69516	0.169862	1.75584	1.75584	0.0750315	0.466104	-2.14544	3.3415	7.84554	2.08703	1
cg11903790	PARP8	0.0518525	0.51125	0.862233	-1.15978	0.308952	0.791156	-1.26397	0.0219893	1.84275	1.84275	0.172771	0.724122	-1.38098	0.954711	0.987444	-1.01272	0.25428	0.767331	-1.30322	0.123646	1.44918	1.44918	0.0558207	1.61936	1.61936	0.0295516	1.76831	1.76831	3.34146	2.61934	0.696793	1
cg08795994	SIRT4	0.0518529	0.183097	1.24228	1.24228	0.118182	0.770638	-1.29763	0.0411004	0.696316	-1.43613	0.597974	1.08516	1.08516	0.0246504	0.663032	-1.50822	0.109524	1.3073	1.3073	0.047458	0.705934	-1.41656	0.476265	0.894724	-1.11766	0.193464	0.809507	-1.23532	3.34145	1.24822	0.33205	1
cg03958104	GPR34;CASK;CASK;GPR34;CASK	0.0518532	0.200168	0.739437	-1.35238	0.838831	0.955589	-1.04647	0.0351327	0.578411	-1.72887	0.0351958	0.578555	-1.72844	0.00541208	0.441947	-2.26271	0.747875	0.930586	-1.07459	0.139873	1.42522	1.42522	0.906746	0.974198	-1.02648	0.954235	0.98728	-1.01288	3.34144	2.63317	0.700476	1
cg01254303	SRRM4	0.0518545	0.131921	4.85673	4.85673	0.124893	5.02513	5.02513	0.30554	2.80415	2.80415	0.124827	5.02677	5.02677	0.326807	2.6747	2.6747	0.155795	4.37488	4.37488	0.00188493	72.3798	72.3798	0.0434437	9.55439	9.55439	0.0491878	8.86457	8.86457	3.34141	49.9845	13.297	1
cg01344518	RGS11;RGS11	0.0518554	0.128534	1.48205	1.48205	0.00991635	2.18184	2.18184	0.0694243	1.62646	1.62646	0.130281	1.47899	1.47899	0.847736	0.955008	-1.04711	0.0182358	1.98641	1.98641	0.0363748	1.7907	1.7907	0.0324228	1.82168	1.82168	0.163269	1.42813	1.42813	3.34138	3.0352	0.807436	1
cg03419058	ATP10A	0.0518556	0.108113	0.565481	-1.76841	0.50961	0.804497	-1.24301	0.207649	1.54046	1.54046	0.679502	1.14465	1.14465	0.0276087	0.428679	-2.33275	0.269611	0.688077	-1.45332	0.08671	0.540482	-1.8502	0.0511824	2.0588	2.0588	0.0852785	1.85649	1.85649	3.34138	5.59653	1.48882	1
cg23627350	LAMC1	0.0518567	0.00873858	0.569266	-1.75665	0.681577	1.07206	1.07206	0.550807	0.903216	-1.10715	0.159002	0.775783	-1.28902	0.34	1.1804	1.1804	0.303267	1.19702	1.19702	0.0769639	1.39333	1.39333	0.0541717	0.691726	-1.44566	0.194644	0.793428	-1.26035	3.34135	1.5053	0.400449	1
cg16122072	BHLHA9	0.0518577	0.512259	1.43855	1.43855	0.173143	2.21011	2.21011	0.520621	1.42797	1.42797	0.122639	2.49733	2.49733	0.0862885	2.82028	2.82028	0.357243	1.6787	1.6787	0.00413264	8.19856	8.19856	0.00923297	6.09749	6.09749	0.0532753	3.32435	3.32435	3.34133	15.8404	4.214	1
cg08626932	GMEB2	0.0518588	0.0290528	0.157006	-6.36917	0.644885	0.716079	-1.39649	0.385489	0.52716	-1.89696	0.170859	0.350152	-2.8559	0.00506386	0.0694674	-14.3952	0.260948	0.430114	-2.32496	0.0134935	0.110729	-9.03104	0.0520418	0.203819	-4.90631	0.126485	0.304343	-3.28577	3.3413	27.4045	7.29043	1
cg01985177	CRYM;CRYM	0.0518599	0.0100627	0.352447	-2.83731	0.0559088	0.505117	-1.97974	0.409181	0.769568	-1.29943	0.370711	1.33029	1.33029	0.0315934	0.44962	-2.2241	0.0273395	0.436384	-2.29156	0.582613	1.18755	1.18755	0.263077	0.695505	-1.4378	0.531188	1.21718	1.21718	3.62204	5.37013	1.15315	1
cg07005246	ADAMTS20	0.051861	0.423694	0.85361	-1.17149	0.580137	0.897416	-1.11431	0.0553451	0.656565	-1.52308	0.531352	0.884422	-1.13068	0.00767393	0.51493	-1.94201	0.921965	1.01916	1.01916	0.207312	1.2938	1.2938	0.718984	1.0725	1.0725	0.0109713	0.538872	-1.85573	3.34125	1.98564	0.52825	1
cg16120833	GPRC5C;GPRC5C	0.0518612	0.0125023	0.250929	-3.98519	0.827862	1.10175	1.10175	0.715848	0.849874	-1.17665	0.0750592	0.413929	-2.41587	0.0248921	0.304872	-3.28006	0.298103	0.618827	-1.61596	0.0316839	0.326042	-3.06709	0.0182639	0.279503	-3.57777	0.0919705	0.438046	-2.28286	3.34124	10.4772	2.7873	1
cg24767131	ECEL1P2	0.051862	0.0495273	6.53631	6.53631	0.672735	0.700526	-1.4275	0.0461837	6.77832	6.77832	0.0266344	9.03345	9.03345	0.260713	2.67173	2.67173	0.845302	0.849038	-1.1778	0.793046	0.802301	-1.24642	0.0186956	10.8876	10.8876	0.0189153	10.8203	10.8203	3.34122	37.1391	9.88037	1
cg09484593	IREB2	0.051862	0.207643	1.38088	1.38088	0.177892	0.706285	-1.41586	0.397454	1.23423	1.23423	0.954943	0.98637	-1.01382	0.021502	0.511314	-1.95574	0.984775	0.995376	-1.00465	0.697183	0.909392	-1.09964	0.892586	1.03336	1.03336	0.0038185	0.387759	-2.57892	3.34122	3.12183	0.830523	1
cg04795662	TDO2;TDO2	0.0518622	0.0144813	0.175394	-5.70145	0.0136154	0.171431	-5.83325	0.0500921	0.27507	-3.63543	0.295329	0.534167	-1.87207	0.0291804	0.226511	-4.4148	0.0219096	0.204169	-4.8979	0.0793338	0.324532	-3.08136	0.446519	0.638706	-1.56567	0.549908	0.705018	-1.4184	3.34122	17.6658	4.69976	1
cg23665973	WNT10A	0.0518625	0.115328	0.786836	-1.27091	0.256088	1.18058	1.18058	0.345319	0.872751	-1.1458	0.091727	0.771049	-1.29693	0.127638	0.793999	-1.25945	0.0561417	1.35379	1.35379	0.171827	0.815722	-1.22591	0.0116306	0.642972	-1.55528	0.262597	0.849113	-1.1777	3.34121	1.03766	0.276058	1
cg25216580	ZNF697	0.0518625	0.0159386	0.228221	-4.38172	0.19848	0.506483	-1.9744	0.899291	1.06543	1.06543	0.0283841	0.273844	-3.65171	0.00598979	0.165607	-6.03839	0.160422	0.472067	-2.11834	0.137404	0.448926	-2.22754	0.0702618	0.363147	-2.75371	0.135991	0.447434	-2.23497	3.34121	13.2601	3.5277	1
cg02361306	FFAR2	0.0518627	0.151588	0.281989	-3.54624	0.0139516	0.0819235	-12.2065	0.647137	0.684044	-1.46189	0.678213	1.41025	1.41025	0.0327345	0.127647	-7.83409	0.601505	0.64782	-1.54364	0.00459559	0.0446831	-22.3798	0.866201	0.87028	-1.14906	0.170964	0.300846	-3.32396	3.3412	35.9233	9.55698	1
cg05492306	ERCC1;ERCC1;ERCC1	0.0518633	0.0931952	0.606115	-1.64985	0.0980611	1.63558	1.63558	0.885442	0.961669	-1.03986	0.182461	1.46757	1.46757	0.973466	0.991023	-1.00906	0.0169946	2.20144	2.20144	0.01968	0.465852	-2.14661	0.851141	0.950342	-1.05225	0.606066	0.868458	-1.15147	3.34119	3.88965	1.0348	1
cg01702517	CALN1	0.0518655	0.350719	1.13179	1.13179	0.555028	1.07999	1.07999	0.147186	1.22201	1.22201	0.886153	0.981704	-1.01864	0.605982	0.935132	-1.06937	0.0159888	1.46253	1.46253	0.0290938	1.39307	1.39307	0.749335	0.959523	-1.04219	0.0231629	0.704741	-1.41896	3.34113	0.879141	0.23389	1
cg24252723	CNNM2;CNNM2;CNNM2;CNNM2;CNNM2;CNNM2	0.0518691	0.0192424	0.674684	-1.48217	0.0149632	1.5155	1.5155	0.515358	0.912412	-1.096	0.0536902	0.737532	-1.35587	0.302673	1.15994	1.15994	0.637554	0.936183	-1.06817	0.211975	0.833014	-1.20046	0.574809	1.08195	1.08195	0.483938	0.905876	-1.1039	3.34105	1.02181	0.271854	1
cg00739644	TMPRSS2;TMPRSS2	0.0518696	0.937068	0.986354	-1.01383	0.904315	1.02115	1.02115	0.659961	0.925855	-1.08008	0.500582	0.887842	-1.12633	0.0724703	0.705581	-1.41727	0.0222465	0.620773	-1.6109	0.00343854	0.500866	-1.99654	0.420198	1.15407	1.15407	0.103059	0.733233	-1.36382	3.34104	1.602	0.426215	1
cg25587069	SPARC;SPARC	0.0518696	0.0595937	0.111418	-8.9752	0.0071717	0.0277882	-35.9864	0.0334617	0.0769451	-12.9963	0.125573	0.180672	-5.5349	0.0220161	0.0587081	-17.0334	0.0506385	0.100372	-9.96296	0.0934203	0.148879	-6.71687	0.0592243	0.110974	-9.01109	0.224135	0.267638	-3.73639	3.34104	56.3758	14.9989	1
cg02052068	UGT3A1	0.0518701	0.00750865	0.394122	-2.53729	0.038275	0.522191	-1.91501	0.143904	0.653855	-1.52939	0.411081	0.796564	-1.25539	0.793219	1.07368	1.07368	0.101905	0.616012	-1.62334	0.776438	1.08008	1.08008	0.0694431	0.577212	-1.73247	0.0153682	0.447107	-2.2366	3.34102	3.8746	1.03085	1
cg19026233	UNC80;UNC80	0.0518704	0.170663	0.629141	-1.58947	0.94226	1.02327	1.02327	0.242535	0.678096	-1.47472	0.327355	1.3787	1.3787	0.0271865	0.435893	-2.29414	0.00692186	0.32953	-3.03462	0.51326	0.81011	-1.2344	0.565769	1.20248	1.20248	0.025911	0.431747	-2.31617	3.34102	5.33799	1.42019	1
cg16672904	TSNARE1	0.0518727	0.299935	0.691142	-1.44688	0.021259	2.59132	2.59132	0.433892	0.759876	-1.316	0.530334	0.803645	-1.24433	0.00847217	0.314806	-3.17656	0.53004	1.24453	1.24453	0.0978488	1.86736	1.86736	0.947747	0.977713	-1.02279	0.416413	0.751545	-1.33059	3.34096	6.25752	1.66486	1
cg03193168	SHANK3	0.051874	0.359549	1.35217	1.35217	0.0102953	2.81655	2.81655	0.123062	1.70756	1.70756	0.0175786	2.52267	2.52267	0.090385	0.550111	-1.81781	0.750865	0.903013	-1.1074	0.316525	1.39327	1.39327	0.0915833	1.813	1.813	0.795363	1.08681	1.08681	3.34093	5.42765	1.44409	1
cg13532410	CACNA2D3	0.0518744	0.0284453	0.364597	-2.74275	0.0215517	0.340646	-2.9356	0.248904	0.624866	-1.60034	0.0920243	0.484991	-2.06189	0.0101106	0.281941	-3.54684	0.213002	0.599476	-1.66812	0.0147932	0.31033	-3.22238	0.54559	0.787693	-1.26953	0.938967	0.970565	-1.03033	3.34092	8.05453	2.143	1
cg25550913	RASA3	0.0518748	0.576365	0.898046	-1.11353	0.301277	0.815427	-1.22635	0.384773	0.84386	-1.18503	0.496714	0.876807	-1.1405	0.000906019	0.38844	-2.5744	0.273379	0.804799	-1.24255	0.458178	1.15479	1.15479	0.942689	1.01379	1.01379	0.869028	1.03194	1.03194	3.34091	1.92048	0.510968	1
cg13419884	KIAA1486	0.051875	0.83076	0.885925	-1.12876	0.315996	0.556166	-1.79802	0.0252227	0.221782	-4.50893	0.994458	0.996077	-1.00394	0.0207121	0.206759	-4.83655	0.129345	2.5279	2.5279	0.821378	1.13652	1.13652	0.453029	1.54125	1.54125	0.0151282	0.184685	-5.41464	3.3409	16.9453	4.50851	1
cg12458207	CADM2;CADM2	0.0518753	0.768649	0.955932	-1.0461	0.0434529	1.42593	1.42593	0.0919824	1.32768	1.32768	0.123859	0.775199	-1.28999	0.413242	1.13634	1.13634	0.656285	0.933848	-1.07084	0.0794798	0.742724	-1.34639	0.0720808	0.735831	-1.35901	0.0490523	1.40963	1.40963	3.34089	1.23533	0.328677	1
cg21532564	KLF15	0.0518754	0.285955	0.80823	-1.23727	0.878521	0.971042	-1.02982	0.866944	0.968297	-1.03274	0.110544	0.715989	-1.39667	0.00174683	0.424309	-2.35678	0.462282	0.866089	-1.15462	0.313558	1.22172	1.22172	0.624676	1.09936	1.09936	0.0878417	0.696318	-1.43613	3.34089	1.95312	0.519655	1
cg12151446	HMOX1	0.0518759	0.0564215	0.453017	-2.20742	0.47625	0.766798	-1.30412	0.00715381	0.279944	-3.57214	0.0686613	0.47379	-2.11064	0.0188762	0.352559	-2.83641	0.023821	0.372043	-2.68786	0.824336	0.921736	-1.08491	0.170891	0.58595	-1.70663	0.0922795	0.506992	-1.97242	3.34088	7.11045	1.89184	1
cg14252279	DAB2IP	0.0518762	0.100961	4.26128	4.26128	0.0200113	9.63279	9.63279	0.0967007	4.35583	4.35583	0.518826	1.69519	1.69519	0.106794	4.14089	4.14089	0.0335256	7.41954	7.41954	0.00781284	15.7277	15.7277	0.0229088	8.9924	8.9924	0.174908	3.20378	3.20378	3.34087	34.4566	9.16769	1
cg20285002	CPT1A;CPT1A	0.0518796	0.313275	0.617907	-1.61837	0.161007	1.99584	1.99584	0.102915	2.2786	2.2786	0.745608	0.860481	-1.16214	0.00440835	0.172997	-5.78043	0.25781	0.579807	-1.72471	0.361134	1.54237	1.54237	0.279971	1.67936	1.67936	0.321916	0.623546	-1.60373	3.34079	11.2732	2.99949	1
cg09588492	ZKSCAN2	0.0518797	0.0182714	0.107328	-9.31722	0.469849	0.56391	-1.77333	0.531398	0.610214	-1.63877	0.0835567	0.22487	-4.44701	0.0108133	0.0825673	-12.1113	?	?	?	0.0250209	0.125253	-7.98385	0.107124	0.254018	-3.93673	0.0590885	0.190031	-5.2623	3.38949	28.9661	8.54584	1
cg11176342	HPS5;HPS5;GTF2H1;GTF2H1;GTF2H1;GTF2H1;HPS5	0.0518845	0.196975	0.833442	-1.19984	0.546068	1.08443	1.08443	0.0511667	1.35008	1.35008	0.945913	0.991055	-1.00903	0.701715	0.950279	-1.05232	0.00836395	0.628604	-1.59083	0.0955189	1.27901	1.27901	0.524092	0.917898	-1.08945	0.102859	1.2708	1.2708	3.62134	0.984642	0.211478	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg11185549	MAP1LC3B2	0.0518849	0.0334664	2.229676	-4.47076	0.0046884	0.103781	-9.63568	0.0111252	0.146849	-6.80974	0.156209	0.400806	-2.49497	0.131146	0.374633	-2.66028	0.169764	0.414169	-2.41447	0.0793498	0.309162	-3.23455	0.235939	0.47303	-2.12403	0.3787233	0.580232	3.723453	3.34066	19.2212	5.11442	1
cg18679069	OID22	0.0518897	0.57702	1.14321	1.14321	0.0473237	0.583313	-1.71435	0.438764	0.82895	-1.20635	0.39718	0.813884	-1.22868	0.658047	0.599239	-1.66878	0.998696	0.999612	-1.00039	0.00615046	0.23739	2.33739	0.381427	1.23769	1.23769	0.553431	1.15304	1.15304	3.40554	2.98529	0.79436	1
cg09685472	CMIP	0.0518903	0.1119908	0.655102	-1.52648	0.0391769	1.7916	1.7916	0.146879	0.683597	-1.46285	0.102959	0.646706	-1.5463	0.62382	0.886234	-1.12837	0.205232	1.38618	1.38618	0.240641	0.740709	-1.35006	0.291129	1.30689	1.30689	0.0214962	0.509263	-1.96362	3.04052	3.15832	0.8404406	1
cg11589139	ACTA1	0.0518912	0.08558	10.4179	10.4179	0.0175381	37.3958	37.3958	0.113724	8.02461	8.02461	0.524722	1.09067	2.10067	?	?	?	0.258524	4.22379	4.22379	0.481317	0.418446	-2.38979	0.00552758	102.358	102.358	0.127303	7.58749	7.58749	3.66889	74.536	17.7762	1
cg03144714	HOXC4;HOXC5;HOXC6	0.0518912	0.561585	1.20402	1.20402	0.526649	1.22507	1.22507	0.0270202	2.33805	2.33805	0.658707	0.499608	-2.00517	0.0470492	0.480377	-2.0817	0.310604	1.39522	1.39522	0.313444	0.718244	-1.39238	0.0482506	0.482896	-2.07084	0.258028	1.45523	1.62114	5.59908	1.20261	1
cg26590209	TPRG1L	0.0518922	0.64509	0.901484	-1.10938	0.383206	1.22135	1.22135	0.182798	0.728965	-1.37181	0.259421	0.768073	-1.30194	0.0122378	0.497659	-2.00957	0.0445624	1.67496	1.67496	0.101204	0.49384	-2.49384	0.671445	1.10011	1.10011	0.134882	1.43396	1.43396	3.40408	2.64558	0.703979	1
cg20215476	GYG1	0.0518947	0.0257351	3.369484	-2.70648	0.427639	1.35585	1.35585	0.241668	0.630856	-1.58555	0.79021	0.90463	-1.10542	0.00544472	0.25296	-3.95319	0.46295	0.755142	-1.32425	0.0648108	0.458611	-2.1805	0.391215	1.39129	1.39129	0.0816438	0.4841131	-2.06556	3.40042	7.47546	1.98923	1
cg17399152	SPHK1;SPHK1;SPHK1	0.0518957	0.0201233	0.628335	-1.59151	0.68919	1.16691	1.06891	0.757009	1.268652	1.268652	0.0977719	1.35192	1.35192	0.891914	1.02739	1.02739	0.00986565	1.17631	1.17631	0.344378	0.858726	-1.2141	0.0640287	0.919004	-1.07112	0.656918	1.10006	1.10006	3.40439	1.45348	0.386775	1
cg13909998	CAMSAP1	0.0518961	0.288223	0.924598	-1.08155	0.0139269	0.805739	-1.2411	0.269882	1.08512	1.08512	0.487599	0.951093	-1.05142	0.861346	0.01251	1.01251	0.992997	1.00062	1.00062	0.0244531	0.826454	-1.20999	0.239757	1.09147	1.09147	0.0527487	1.16948	1.16948	3.38308	0.2674468	0.0711742	1
cg02704217	MYOCD;MYOCD	0.0518976	0.735212	1.07976	1.07976	0.179059	0.724209	-1.38082	0.0155377	1.95598	1.95598	0.459983	0.843611	-1.18538	0.128496	0.689755	-1.44979	0.686669	1.09601	1.09601	0.034151	0.57188	-1.74862	0.384704	0.817521	-1.22321	0.0665072	1.59231	1.59231	3.34035	2.70363	0.719454	1
cg21435570	KLF10;KLF10	0.0518979	0.0652935	0.597074	-1.67486	0.574054	1.13399	1.13399	0.781459	1.12796	1.12796	0.75086	1.06241	1.06241	0.544536	0.880967	-1.1364	0.0101565	0.544008	0.544008	0.0138152	0.0109833	-3.44017	0.0124875	0.0109833	-3.44017	0.0124875	0.0109833	-3.04206	0.2588844	1.25085	0.5086223	1
cg06194536	MARK1;MARK1	0.0518989	0.412952	1.07954	1.07954	0.274667	1.26928	1.26928	0.719728	1.03349	1.03349	0.639874	1.04403	1.04403	0.938669	0.992989	-1.00706	0.559871	1.05538	1.05538	0.00390417	0.0701022	-1.42649	0.663487	0.960762	-1.04084	0.170433	1.1428	1.1428	3.34031	0.442263	0.117769	1
cg18855776	C10orf71;C10orf71	0.0519016	0.0899755	1.55015	1.55015	0.259357	1.29529	1.29529	0.727168	1.27966	1.27966	0.712826	1.34686	1.34686	0.140993	1.40993	0.683026	1.09462	1.09462	0.611662	0.634934	0.0155532	1.95973	1.95973	0.067134	1.57123	1.57123	3.34025	2.56546	0.682705	1
cg02276974	CRABP1	0.0519025	0.0136619	0.339963	-2.94149	0.252465	0.655183	-1.52629	0.600796	1.25033	1.25033	0.0268764	2.52771	2.52771	0.545358	1.24172	1.24172	0.160375	0.588314	-1.69977	0.573879	1.22261	1.22261	0.224862	1.56979	1.56979	0.106426	1.86567	1.86567	3.34023	6.61936	1.76152	1
cg01050792	KATNA1	0.0519024	0.026148	0.446477	-2.23976	0.103174	1.72417	1.72417	0.133876	1.63167	-1.62955	0.744964	1.10489	1.10489	0.805619	0.927424	-1.07826	0.919482	0.970764	-1.02347	0.00810632	0.218262	2.81786	0.391511	0.764691	-1.30772	0.583028	1.18462	1.18462	3.34023	4.94021	1.31467	1
cg00145489	IMPA2	0.0519034	0.234413	0.685772	-1.45821	0.0245535	2.24903	2.24903	0.0393391	2.05746	2.05746	0.093994	1.99105	1.0009	0.204039	0.666336	-1.50029	0.327652	1.3577	1.3577	0.0345785	0.474376	-2.10803	0.853755	1.05743	1.05743	0.17454	0.645929	-1.54816	3.402	4.84499	1.28934	1
cg07506458	FAM59B; HIF1NF;HIFF;HIFE;HIFE;HIFE;HIF1NF;HIF	0.0519034	0.0215885	0.470121	-2.12711	0.0248526	0.481646	-2.07622	0.182721	0.679229	-1.47226	0.118773	0.629268	-1.58915	0.094556	0.604903	-1.65316	0.010075	0.411353	2.431	0.476582	0.820376	-1.21895	0.367835	1.28794	1.28794	0.772972	1.08234	1.08234	3.4002	3.95866	1.05347	1
cg08179431	E	0.0519043	0.79474	0.960318	-1.04132	0.466325	0.917	0.91852	-1.12202	0.82918	0.967001	-1.03413	0.931648	1.01341	1.015129	0.851025	-1.17505	0.259209	0.832932	-1.20058	0.00174446	1.99999	1.99999	0.177381	0.800404	-1.24937	0.557561	0.912002	-1.09649	3.40118	1.27592	0.339548	1
cg24960563	ACLY;ACLY	0.0519046	0.140651	0.782127	-1.27856	0.43705	0.884327	-1.1308	0.00581392	1.75081	1.75081	0.615989	0.924588	-1.08156	0.722672	1.05681	1.05681	0.031818	1.47716	1.47716	0.628351	0.92716	-1.07856	0.198228	1.23471	1.23471	0.144678	1.27495	1.27495	3.40117	1.27179	0.33845	1
cg01350190	SYNJ1;TMP3;SYNJ3;SYN3	0.0519055	0.794816	0.957995	-1.09003	0.606592	1.18097	1.18097	0.0265	2.42526	2.42526	0.0037096	2.56247	2.56247	0.830134	-1.23436	0.572691	1.229239	1.229239	0.305078	0.680596	1.4693	1.4693	0.0988586	0.2409368	0.471691	1.30376	0.0398586	0.2409368	0.471691	1.30376	0.0398586	0.605662	0.144801	1
cg09142942	CDK6;CDK6	0.0519089	0.100974	0.829852	-1.20503	0.0291069	1.30607	1.30607	0.0504983	1.92265	1.92265	0.0124601	2.26041	2.26041	0.695964	1.04162	1.04162	0.126019	1.18755	1.18755	0.0178455	0.750338	1.0337	1.0337	0.0306918	0.762893	-1.30159	0.416697	0.917424	-1.09001	0.338231	1.10794	1.10794	3.40007	0.5703526	0.15178	1
cg16581271	C10orf18	0.0519116	0.0632717	1.5361	1.5361	0.373743	1.19407	1.19407	0.0878258	1.80452	1.80452	0.0109482	2.10225	2.10225	0.493144	0.875541	-1.14477	0.0672838	0.615092	0.615092	0.0173311	0.505919	-1.97756	0.0179017	0.606658	0.0159947	1.1281	0.0159947	0.606658	0.0159947	1.1281	0.0159947	0.606658	0.0159947	3.40003	0.5312446	0.1557	1
cg15521572	MBP;MBP	0.0519123	0.208547	1.33503	1.35303	0.602805	1.15694	1.15694	0.0133221	0.421225	-2.37403	0.607705	1.1572	1.1572	0.0271826	0.478462	2.09003	0.0675856	0.561362	-1.78138	0.130803	0.631254	-1.58415	0.140662	1.5634	1.5634	0.722521	0.904356	-1.10576	3.39998	4.20561	1.11926	1
cg14350120	FAR1	0.0519125	0.547392	0.803227	-1.24498	0.129843	1.80196	1.80196	0.410227	1.34585	1.34585	0.0730299	2.05354	2.05354	0.0321389	0.547448	-1.82666	0.387246	0.726915	-1.37568	0.0121384	0.308051	3.08051	0.0447358	2.29153	2.29153	0.112604	1.86188	1.86188	3.39998	6.85107	1.82332	1
cg14706452	HEG1	0.0519129	0.0384727	2.25665	-2.25665	0.0277644	1.34759	1.34759	0.0743031	1.83471	1.83471	0.0397421	2.04983	2.04983	0.0393399	1.205746	1.205746	0.0997654	1.9901105	1.9901105	0.0243809	0.326552	1.3577	1.3577	0.0345785	0.474376	-2.10803	0.853755	1.05743	1.05743	0.17454	0.645929	-1.54816	3.402	4.84499	1.28934	1
cg03352776	CUX2	0.0519313	0.0314045	0.687348	-1.45487	0.307936	0.854922	-1.1697	0.113354	0.774215	-1.29163	0.159995	0.800134	-1.24979	0.115704	0.775716	-1.28913	0.705284	0.94513	-1.05806	0.0325355	0.689604	-1.45011	0.464274	0.89527	-1.11698	0.0210745	1.50992	1.50992	3.39997	1.16691	0.310559	1
cg26637776	SPTA2	0.0519313	0.862254	0.938996	-1.06497	0.102037	1.02436	1.02436	0.0077814	2.49134	2.49134	0.0015	2.69345	2.69345	0.205325	0.646096	-1.54808	0.0438403	0.358968	-2.78609	0.0113318	0.503753	-1.98563	0.0299539	0.166757	0.0246566	2.5314	0.0159567	0.0722568	-1.48684	0.389397	0.148937	3.39997	6.04895	1.84937	1
cg07104057	SHANK2	0.0519132	0.0442385	0.575527	-2.66292	0.174486	1.84437	1.84437	0.974784	0.986894	-1.01349	0.960809	0.984089	-1.01617	0.0309078	0.592787	-1.68708	0.70838	1.17261	1.17261	0.0466685	0.380849	-2.62571	0.813244	0.904571	-1.1055	0.835644	1.05203	1.05203	3.39996	0.55052	0.25844	1
cg02399048	REEP4	0.0519144	0.214033	0.654732	-1.52734	0.965289	1.01419	1.01419	0.514025	1.23892	1.23892	0.279108	1.4395	1.4395	0.0552173	0.494794	-2.02104	0.726938	1.12019	1.12019	0.00210913	0.246582	-4.0538	0.341072	0.727891	-1.37383	0.525118	0.811824	-1.23179	3.39993	5.54383	1.47543	1
cg02741426	ZFHX4	0.0519151	0.21143	1.5809	1.5809	0.0546885	0.625	-2.0261	0.0370596	2.63647	-4.33562	0.425556	0.734507	1.36175	0.0430962	0.680596	-1.46959	0.179861	1.583034	1.583034	0.0606454	0.177804	1.90498	0.867578	1.06533	1.06533	0.661921	0.846328	-1.18158	3.39992	7.60646	2.02439	1
cg26403748	CDC42BPB	0.0519162	0.842756	0.97452	-1.02615	0.876462	0.979986	-1.02042	0.759336	1.04074	1.04074	0.40629	1.11673	1.11673	0.0337423	0.724537	-1.38019	0.630215	1.06507	1.06507	0.0162687	0.14561	1.46501	0.614673	0.676767	-1.47761	0.400537	0.894197	-1.11832	3.39989	0.893339	0.237756	1
cg26239930	C14orf166	0.0519173	0.4837773	1.1	1.1	0.1	1.205	1.205	0.2	1.143132	1.143132	0.104843	1.107128	1.107128	0.880073	1.0352	1.0352	0.216818	1.1	1.1	0.2	0.2	-7.9536	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.39988	0.1	0.1	1
cg07295197	DDX11;DDX11;DDX11	0.0519189	0.203943	0.583625	-1.71343	0.44448	0.731187	-1.36764	0.054571	0.416503	-2.40094	0.350928	0.68005	-1.47048	0.007531668	0.251289	3.97948	0.00865446	0.260737	-3.83528	0.0677929	0.439694	-2.27431	0.632334	2.31361	2.31361	0.115495	0.502968	-1.9882	3.3982	8.53257	2.27093	1
cg05545290	TMEM418;TMEM418;TMEM418	0.0519239	0.631155	0.947239	-1.0557	0.286552	0.883372	-1.11203	0.00239957	1.60635	1.60635	0.46141	1.08765	1.08765	0.504558	1.07883	1.07883	0.142984	0.838282	-1.19292	0.274318	1.01374	1.01374	0.218472	1.15609	1.15609	0.134583	1.19814	1.19814	3.3997	0.6643135	0.176765	1
cg13875506	PLEKHA7	0.0519258	0.997393	1.00185	1.00185	0.913954	0.728187	1.38453	0.0604768	1.28554	1.28554	0.0704842	1.42595	1.42595	0.0144142	0.875541	-1.14477	0.0672838	0.615092	0.615092	0.0173311	0.505919	-1.97756	0.0179017	0.606658	0.0159947	1.1281	0.0159947	0.606658	0.0159947	1.1281	0.0159947	0.606658	0.0159947	3.39967	0.5312446	0.1557	1
cg19056687	BAIAP2L1;BIN3	0.0519261	0.801834	1.05756	1.05756	0.00339443	0.412146	-2.42632	0.0316327	0.507069	-1.75202	0.515912	1.15789	1.15789	0.24966	0.765096	-1.30703	0.196857	1.35481	1.35481	0.495679	1.16644	1.16644	0.492728	0.856375	-1.16771	0.46565	0.84769	-1.17968	3.39965	2.61975	0.697279	1
cg02228402	HS3ST3B1	0.0519262	0.0828201	0.645963	-1.54821	0.0202509	1.84209	1.84209	0.153528	1.76238	1.76238	0.0763448	1.88065	-1.13559	0.404994	0.708217	-1.412	0.284629	0.562863	-1.77655	0.0388152	0.288382	3.46882	0.0285936	0.1665	0.0246566	2.5314	0.0159567	0.0722568	-1.48684	0.389397	0.148937	3.39965	6.04895	1.84937	1
cg09896346	TCEA3;TCEA3	0.0519267	0.07407158	2.32378	2.32378	0.0461183	1.21335	1.21335	0.111341	2.67011	2.67011	0.0696235	3.56695	3.56695	0.0179846	0.784582	-1.27451	0.0559381	1.89489	1.89489	0.0212219	0.18737	5.33707	0.0031099	1.87061	1.87061	0.0230916	17.7369	17.7369	3.39963	59.2603	15.7729	1
cg12257341	HADHA;HADHB;HADHB	0.0519274	0.782888	0.966688	-1.03446	0.051133	1.31315	1.31315	0.557117	1.07555	1.07555	0.110852	0.808103	-1.23747	0.230902	0.857148	-1.16666	0.377707	1.11741	1.11741	0.0202611	0.709408	-1.40963	0.0634506	1.29173	1.29173	0.138673	1.21593	1.21593	3.39961	0.795689	0.211785	1
cg18346394	WIPF3	0.0519276	0.0246561	2.76	2.76	0.0127727	1.27327	1.27327	0.0139188	2.31715	2.31715	0.0017638	2.5	2.5	0.0139188	0.7948	-1.25814	0.0400233	0.429056	-2.33016	0.0636608	0.311648	3.20931	0.0155993	1.62596	1.62596	0.0184299	2.37507	2.37507	3.39957	6.04895	1.84937	1
cg25281020	GUSBL2	0.0519293	0.0690411	0.444219	-2.25114	0.15986	1.82028	1.82028	0.979183	0.989138	-1.01098	0.777815	0.893304	-1.11944	0.0025346	0.188002	-3.5911	0.143202	0.533929	-1.87291	0.242788	0.614141	-1.62829	0.648343	0.832653	-1.20098	0.130622	1.521471	-1.91765	3.39956	8.41386	2.23951	1
cg00776335	MT1DP	0.0519356	0.0145904	0.422455	-2.36648	0.0268844	0.626828	-1.59525	0.0303659	0.936613	-1.06783	0.470077	0.815577	-1.22603	0.0062829	0.210504	-4.7505	0.16478	0.407	-2.45703	0.0007804	0.0314148	3.18452	0.0034112	0.14553	0.0068722	6.87035	0.0001566	0.0068722	-2.45703	0.0007804	0.0314148	3.18452	0.0034112	3.39956	0.1636302	0.0048252	1
cg13402354	ZDHHC11	0.0519311	0.101352	0.674159	-1.48333	0.947161	1.01467	1.01467	0.537559	1.14707	1.14707	0.903183	0.973606	-1.02711	0.0418717	0.597214	-1.67444	0.237148	1.31287	1.31287	0.0099537	0.204519	2.04519	0.0791135	0.651492	-1.53494	0.476516	0.852902	-1.17247	3.39952	2.55522	0.68013	1
cg18346394	WIPF3	0.0519276	0.0246561	2.76	2.76	0.0127727	1.27327	1.27327	0.0139188	2.31715	2.31715	0.0017638	2.5	2.5	0.0139188	0.7948	-1.25814	0.0400233	0.429056	-2.33016	0.0636608	0.311648	3.20931	0.0155993	1.62596	1.62596	0.0184299	2.37507	2.37507	3.39957	6.04895	1.84937	1
cg25281020	GUSBL2	0.0519293	0.0690411	0.444219	-2.25114	0.15986	1.82028	1.82028	0.979183	0.989138	-1.01098	0.777815	0.893304	-1.11944	0.0025346	0.188002	-3.5911	0.143202	0.533929	-1.87291	0.242788	0.614141	-1.62829	0.648343	0.832653	-1.20098	0.130622	1.521471	-1.91765	3.39956	8.41386	2.23951	1
cg00776335	MT1DP	0.0519356	0.0145904	0.422455	-2.36648	0.0268844	0.626828	-1.59525	0.0303659	0.936613	-1.06783	0.470077	0.815577	-1.22603	0.0062829	0.210504	-4.7505	0.16478	0.407	-2.45703	0.0007804	0.0314148	3.18452	0.0034112	0.14553	0.0068722	6.87035	0.0001566	0.0068722	-2.45703	0.0007804	0.0314148	3.18452	0.0034112	3.39956	0.1636302	0.0048252	1
cg13402354	ZDHHC11	0.0519311	0.101352	0.674159	-1.48333	0.947161	1.01467	1.01467	0.537559	1.14707	1.14707	0.903183	0.973606	-1.02711	0.0418717	0.597214	-1.67444	0.237148	1.31287	1.31287	0.0099537	0.204519	2.04519	0.0791135	0.651492	-1.53494	0.476516	0.852902	-1.17247	3.39952	2.55522	0.68013	1
cg11168012	TMEM132A;TMEM132A	0.0519315	0.0863604	0.511888	-1.95365	0.679916	1.16017	1.16017	0.468295	1.28191	1.28191	0.189112	1.56451	1.56451	0.0116618	0.716191	-1.39604	0.0775256	0.550936	-1.81588	0.198355	0.61852	-1.61676	0.0594348	0.251955	0.0193576	-2.52285	0.172326	0.554347	3.39951	0.604059	1.75797	1
cg04246031	KPTN	0.0519341	0.879611	0.954495	-1.04767	0.883735	0.955287	0.95287	0.146681	0.99495	-1.00195	0.52594	0.990107	-1.00097	0.0424707	-1.48234	0.308856	0.0536848	0.503219	-1.98721	0.0171106	0.232457	-4.30186	0.300424	0.710424	0.71998	-1.38893	1.61991	1.5298	3.39948	5.2984	1.13833	1
cg21375506	PRKCA	0.0519369	0.0114702	0.182563	-5.47757	0.018794	0.216398	-4.62111	0.272564	0.541168	-1.84786	0.185779	0.47031	-2.12626	0.0878188	0.363112	-2.75397	0.107222	0.388528	-2.57382	0.0116013	0.183286	-5.45594	0.201918	0.484563	-2.06371	0.0356584	0.268556	-3.72361	3.39938	15.2903	4.07004	1
cg25716013	CDX7A2;CDX7A2	0.0519373	0.0121532	0.179135	-5.58275	0.0154685	0.647875	-1.54308	0.0158228	0.535635	-1.86905	0.0799962	0.745637	-1.34162	0.0455556	0.594092	-1.68316	0.238019	0.429536	-2.32976	-2.36085	0.0230156	0.431558	-2.31668	0.0446356	0.200426	-4.96461	0.237157	0.562247	-1.77842	0.26742	2.82028	1
cg05575921	AHRR	0.0519399	0.350294	0.71599	-1.39667	0.701608	0.87478	-1.14314	0.124233	0.560767	-1.78327	0.167473	1.66747	1.66747	0.0060357	0.287512	-3.47812	0.331947	1.416	1.416	0.0582649	2.10366	2.10366	0.336983	1.41058	1.41058	0.90017	1.04458	1.04458	3.3991	0.638668	1.70007	1
cg14650281	POU62G	0.0519402	?	?	?	0.33488	1.95151	1.95151	0.0416789	5.189	5.189	?	?	?	?	?	?	?	?	?	?	?	?	0.650641	0.7379794	-1.35506	0.0165996	0.122605	-8.15624	0.857857	1.12664	1.12664	4.30948	15.963	4.44499	1
cg20892260	NKX2-6	0.0519427	0.955518	0.955479	-1.0466	0.883996	1.1266	1.1266	0.18716	1.12684	1.12684	0.768552	0.785898	-1.27243	0.502443	0.57366	-1.74319	0.570196	1.59756	1.59756	0.857241	1.15841	1.15841	0.000885902	58.3792	58.3792	0.658524	1.43784	1.43784	3.39924	35.2545	9.38457	1
cg01786715	HSPA2;HSPA2	0.0519436	0.248708	0.4923	0.4923	0.441261	21.424	21.424	0.0545048	18.092	18.092	0.221755	5.3667	5.3667	0.687247	0.584802	-1.70972	0.047589	20.0775	20.0775	0.00262601	112.257	112.257	0.0420803	22.2818	22.2818	0.0578543	17.1463	17.1463	3.39921	92.8731	24.7226	1
cg12884491	WBP2;UNC13D	0.0519443	0.0790016	1.7408	1.7408	0.176771	1.65051	1.65051	0.0364	2.03749	2.03749	0.0085369	2.31094	2.31094	0.572292	0.850359	-1.17649	0.71468	1.7408	1.7408	0.0144911	0.111122	1.11122	0.384893	1.28827	1.28827	0.0884911	1.42624	1.42624	3.3992	2.88741	0.73608	1
cg26831256	DIP2C	0.0519444	0.794279	1.03543	1.03543	0.0903966	1.28225	1.28225	0.486632	0.91012	-1.09876	0.194861	1.20046	1.20046	0.115165	1.25637	1.25637	0.263426	1.16805	1.16805	0.0018462	1.80233	1.80233	0.485551	0.9099	-1.09902	0.979248	0.99654	-1.00347	3.39919	0.938859	0.249923	1
cg13712852	VAMP5	0.0519457	0.0828071	0.675463	-1.521	0.0202909	1.84209	1.84209	0.153528	1.76238	1.76238	0.0763448	1.88065	-1.65854	0.142659	0.708924	-1.4109	0.472449	0.852538	-1.17298	0.381111	1.21668	1.21668	0.178142	1.08298	1.08298	0.0622688	0.632429	-1.58121	3.39916	2.5206	0.670988	1
cg22779876	KEAP1;KEAP1	0.0519464	0.582038	1.21776	1.21776	0.012634	1.30063	1.30063	0.713739	1.13949	1.13949	0.904729	0.958452	-1.04335	0.0143529	0.34309	-2.91468	0.417023	1.74308	1.74308	0.0013413	0.532353	1.88743	0.0159737	0.922542	-1.08396	0.304424	0.71998	-1.38893	3.39914	1.64256	1.76827	1
cg03219831	POLR2B	0.0519464	0.247341	0.819923	-1.21963	0.84806	0.969005	-1.03199	0.106917	0.749079	-1.33497	0.907345	0.981069	-1.0193	0.00453414	0.537543	-1.86032	0.0394588	0.676367	-1.47849	0.311089	1.18771	1.18771	0.205602	1.24507	1.24507	0.193547	0.797856	-1.25336	3.39914	1.24496	0.379328	1
cg13764516	LCN8	0.0519465	0.8101314	0.950355	-1.05216	0.679916	1.16017	1.16017	0.468295	1.28191	1.28191	0.189112	1.56451	1.56451	0.0116618	0.716191	-1.39604	0.0775256	0.550936	-1.81588	0.198355	0.61852	-1.61676	0.0594348	0.251955	0.0193576	-2.52285	0.172326	0.554347	3.39913	0.604059	1.75797	1
cg24655777	SDHAP3	0.0519466	0.0584638	0.620033	-1.61282	0.0488983	0.60484	-1.65333	0.0756078	1.55609	1.55609	0.103986	1.488	1.488	0.258169	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11026874	LRRC37B	0.0520186	0.881705	0.935259	-1.06922	0.0304389	3.13739	3.13739	0.0122794	4.0629	4.0629	0.86449	0.926094	-1.0798	0.114482	0.462254	-2.16331	0.047957	0.361934	-2.76294	0.409028	0.684167	-1.46163	0.647666	1.22977	1.22977	0.593155	1.27431	1.27431	3.33737	10.6795	2.84441	1
cg01266790	PACS2;PACS2	0.0520188	0.0998368	0.808968	-1.23614	0.00649825	1.51563	1.51563	0.53135	1.07738	1.07738	0.73157	1.04131	1.04131	0.977733	1.00329	1.00329	0.186063	0.848056	-1.17917	0.392746	0.902197	-1.10841	0.05262	0.771811	-1.29565	0.236841	1.15684	1.15684	3.33737	0.730435	0.194547	1
cg14218513	PHF19;PHF19	0.0520194	0.212598	0.584	-1.71233	0.568228	0.79072	-1.26467	0.254925	1.62633	1.62633	0.68821	0.848669	-1.17832	0.641614	0.826361	-1.21012	0.0081907	0.239055	-4.18314	0.137428	1.93044	1.93044	0.216311	1.70402	1.70402	0.0351718	2.77778	2.77778	3.61747	9.26522	1.99208	1
cg14515801	SH3BGRL2	0.0520206	0.138214	0.62766	-1.59322	0.0135124	2.44022	2.44022	0.673104	1.13182	1.13182	0.693674	1.12245	1.12245	0.0348378	0.487868	-2.04974	0.385163	0.771204	-1.29667	0.279237	1.38856	1.38856	0.0492484	1.92502	1.92502	0.650842	0.875507	-1.14219	3.33732	4.50056	1.19871	1
cg02987368	DLGAP2	0.0520221	0.491732	1.17495	1.17495	0.00947035	0.468102	-2.13629	0.292393	0.777087	-1.28686	0.0465783	0.590853	-1.69247	0.592482	0.882727	-1.13285	0.244692	1.32442	1.32442	0.639457	0.89679	-1.11509	0.0117706	0.483655	-2.06759	0.85144	1.04424	1.04424	3.33729	2.81742	0.750422	1
cg02448679	MNT	0.0520221	0.0158487	0.42062	-2.37744	0.611487	0.860601	-1.16198	0.698529	1.12082	1.12082	0.744723	0.908691	-1.10048	0.00189613	0.275289	-3.63255	0.251497	0.703912	-1.42063	0.819593	0.935243	-1.06924	0.279361	0.719213	-1.39041	0.2519	0.704141	-1.42017	3.33729	4.53959	1.20912	1
cg07177379	ATP1A2	0.0520224	0.0336742	0.173794	-5.75393	0.00749706	0.0882252	-11.3346	0.185536	0.371481	-2.69193	0.656486	0.729232	-1.37131	0.0172043	0.129045	-7.74921	0.0666528	0.234441	-4.26547	0.346476	0.504664	-1.98152	0.809013	1.18626	1.18626	0.0430872	0.193639	-5.16424	3.33728	26.2991	7.00481	1
cg20861314	GPR142	0.0520226	0.804747	1.0561	1.0561	0.0383138	1.69715	1.69715	0.00894705	2.0807	2.0807	0.367558	0.815495	-1.22625	0.563094	0.879126	-1.13749	0.473281	1.17437	1.17437	0.305512	0.791517	-1.2634	0.0376113	0.58773	-1.70146	0.979392	0.994324	-1.00571	3.33727	2.56653	0.683599	1
cg25933091	EP300	0.052023	0.125774	1.98561	1.98561	0.0173017	3.32133	3.32133	0.00588737	4.44626	4.44626	0.165599	1.84458	1.84458	0.727523	0.865173	-1.15584	0.268051	1.6123	1.6123	0.0326787	2.81469	2.81469	0.0528433	2.48724	2.48724	0.325187	1.52292	1.52292	3.33726	9.06056	2.4133	1
cg18009710	LARP1	0.0520231	0.0169086	0.319751	-3.12743	0.133571	1.88362	1.88362	0.397433	1.40363	1.40363	0.323699	0.67109	-1.49011	0.0131865	0.300456	-3.32828	0.338336	0.679623	-1.4714	0.765999	0.889771	-1.12388	0.118432	1.94121	1.94121	0.919308	1.04045	1.04045	3.33726	8.09341	2.1557	1
cg16000059	NCRNA00219;SNORA13	0.0520233	0.20125	0.678741	-1.47332	0.341227	1.32523	1.32523	0.199233	1.47617	1.47617	0.00361723	0.322796	-3.09793	0.39742	0.779746	-1.28247	0.118563	0.614781	-1.62659	0.293722	0.73146	-1.36713	0.179971	1.5051	1.5051	0.728039	0.904628	-1.10543	3.33726	4.35717	1.16055	1
cg11274778	BASE	0.0520247	0.960933	1.02674	1.02674	0.177693	0.462253	-2.16332	0.0241475	0.234951	-4.2562	0.0726613	0.340004	-2.94115	0.0442395	0.287949	-3.47283	0.895936	1.07304	1.07304	0.00734673	0.155455	-6.43272	0.0666221	0.330241	-3.02809	0.0564264	0.312367	-3.20136	3.33722	15.3381	4.0854	1
cg04876465	TESK1	0.0520247	0.135563	0.85634	-1.16776	0.958037	0.99494	-1.00509	0.0578049	1.22973	1.22973	0.761639	0.971095	-1.02977	0.041333	1.25468	1.25468	0.0305597	1.27763	1.27763	0.173348	0.869643	-1.1499	0.0938708	0.837271	-1.19436	0.421878	0.923948	-1.08231	3.33722	0.491278	0.130855	1
cg13831649	INPP5A	0.0520256	0.366018	0.915771	-1.09198	0.22973	0.887457	-1.12682	0.174085	0.871979	-1.14682	0.209444	0.882205	-1.13352	0.0943201	1.19035	1.19035	0.122951	1.17155	1.17155	0.00899238	1.36986	1.36986	0.424459	0.92563	-1.08034	0.286031	0.90035	-1.11068	3.3372	0.474411	0.126363	1
cg20407713	DLG2	0.0520263	0.195432	1.35084	1.35084	0.542434	0.87335	-1.14502	0.469613	0.850808	-1.17535	0.603305	0.891241	-1.12203	0.511235	1.15758	1.15758	0.863062	0.962796	-1.03864	0.0013046	2.79588	2.79588	0.390355	1.21325	1.21325	0.498912	0.860055	-1.16272	3.33718	2.54934	0.679039	1
cg15895391	TRIO	0.0520274	0.248719	0.690841	-1.44751	0.0663892	0.53177	-1.88051	0.0855735	0.558269	-1.79125	0.468839	0.797663	-1.25366	0.0956558	0.570382	-1.75321	0.067816	0.533934	-1.87289	0.00183148	0.257176	-3.88839	0.256138	0.695167	-1.4385	0.0851901	0.557787	-1.7928	3.33716	4.97308	1.32463	1
cg19633487	MMEL1;C1orf93	0.0520305	0.627506	0.915459	-1.09235	0.0155516	1.70912	1.70912	0.051142	1.49362	1.49362	0.522569	0.889532	-1.12419	0.843357	1.03638	1.03638	0.495409	0.882459	-1.1332	0.0075461	1.8607	1.8607	0.959154	0.990791	-1.00929	0.406245	0.857718	-1.16588	3.33708	1.72456	0.459366	1
cg11306428	ZNF784	0.0520317	0.671767	1.07584	1.07584	0.00347401	1.97453	1.97453	0.00828463	1.78425	1.78425	0.244359	1.23231	1.23231	0.89341	1.02326	1.02326	0.28894	1.20781	1.20781	0.436558	0.872725	-1.14584	0.583633	1.09959	1.09959	0.975866	1.0052	1.0052	3.33705	1.55481	0.414154	1
cg11646638	TP53I3;TP53I3	0.0520317	0.0266931	0.263341	-3.79735	0.0761513	0.366873	-2.72574	0.152322	0.458806	-2.17957	0.533538	1.37772	1.37772	0.00998718	0.191472	-5.22269	0.135176	0.441159	-2.26676	0.0250012	0.257907	-3.87737	0.88703	0.930315	-1.0749	0.0583789	0.337278	-2.96491	3.33705	13.6471	3.63517	1
cg15182939	SUCLG2	0.0520319	0.976115	1.00571	1.00571	0.0797349	0.690881	-1.44743	0.0633302	0.672264	-1.48751	0.529903	0.886025	-1.12864	0.010218	0.540225	-1.85108	0.317545	0.821622	-1.2171	0.057705	1.50396	1.50396	0.406084	1.17543	1.17543	0.0986328	0.708651	-1.41113	3.33704	1.91123	0.509095	1
cg07669776	COL4A2	0.0520329	0.170585	0.696649	-1.43544	0.00592565	2.43896	2.43896	0.357	1.26447	1.26447	0.586306	0.872744	-1.14581	0.0330454	0.539346	-1.8541	0.867857	0.959592	-1.04211	0.409839	1.23218	1.23218	0.340118	1.27574	1.27574	0.289043	0.761389	-1.31339	3.33702	3.24277	0.863784	1
cg24676071	ADCY1	0.0520342	0.0476775	14.7553	14.7553	0.0505414	14.1336	14.1336	0.230306	4.463	4.463	0.234977	4.39078	4.39078	0.583214	1.93212	1.93212	0.0423412	16.1063	16.1063	0.00786103	57.5988	57.5988	0.0141132	36.614	36.614	0.0603454	12.3994	12.3994	3.33699	74.6602	19.8876	1
cg13188795	MKI67;MKI67	0.0520345	0.0604184	0.222071	-4.50307	0.134066	0.317205	-3.15253	0.541539	0.64457	-1.55142	0.111204	0.291403	-3.43167	0.0265123	0.154276	-6.4819	0.121909	0.303773	-3.29193	0.00346196	0.059578	-16.7847	0.164243	0.348304	-2.87105	0.039309	0.183693	-5.44387	3.33698	26.6894	7.1094	1
cg23118549	NPC1L1;NPC1L1	0.0520349	0.0926393	0.449425	-2.22506	0.0721328	0.420006	-2.38092	0.0541131	0.388768	-2.57223	0.0803836	0.432467	-2.31232	0.0157669	0.278428	-3.59159	0.0494629	0.379505	-2.63501	0.00750914	0.226024	-4.4243	0.113242	0.474764	-2.10631	0.0876471	0.442717	-2.25878	3.33697	9.87214	2.6297	1
cg06610254	FN3KRP	0.0520365	0.78661	1.04722	1.04722	0.0247305	1.57552	1.57552	0.197516	1.26062	1.26062	0.839245	1.03514	1.03514	0.0143452	0.598541	-1.67073	0.0338077	0.656153	-1.52403	0.709319	1.06574	1.06574	0.361062	1.17308	1.17308	0.976322	0.994967	-1.00506	3.33693	1.52774	0.406959	1
cg26216596	POGZ;POGZ;POGZ	0.0520368	0.349889	1.15954	1.15954	0.00610598	0.576607	-1.73428	0.431354	1.1315	1.1315	0.732554	1.05419	1.05419	0.143663	1.27342	1.27342	0.517751	1.10614	1.10614	0.620326	1.07985	1.07985	0.186099	1.24067	1.24067	0.0230659	1.51897	1.51897	3.33692	1.25067	0.333154	1
cg25097514	TMBIM1;PNKD	0.0520378	0.515721	0.90138	-1.10941	0.266554	1.20006	1.20006	0.399902	1.14541	1.14541	0.0258648	0.659157	-1.51709	0.32707	1.1728	1.1728	0.524325	0.903344	-1.107	0.212906	1.22958	1.22958	0.00582126	1.76641	1.76641	0.571276	0.913804	-1.09433	3.3369	1.31173	0.349422	1
cg12011977	PPAPDC1A	0.0520392	0.191486	1.81604	1.81604	0.0381049	2.82117	2.82117	0.133264	2.01133	2.01133	0.205224	1.78011	1.78011	0.170538	0.532747	-1.87706	0.287064	1.61115	1.61115	0.0131591	0.26543	-3.76747	0.210213	1.76774	1.76774	0.714818	1.17156	1.17156	3.33687	9.83819	2.62074	1
cg23752007	ELMO1	0.0520397	0.246972	1.43437	1.43437	0.0979078	1.71777	1.71777	0.400783	0.773931	-1.29211	0.178386	1.53121	1.53121	0.0153557	0.412076	-2.42674	0.239945	1.44288	1.44288	0.0730369	1.81442	1.81442	0.0655178	1.8514	1.8514	0.158597	1.56682	1.56682	3.33685	4.69238	1.24998	1
cg20749916	ARHGEF7;ARHGEF7;ARHGEF7	0.0520401	0.881296	0.964587	-1.03671	0.254428	0.750408	-1.33261	0.69777	1.09874	1.09874	0.759396	1.07694	1.07694	0.20797	0.725898	-1.3776	0.0222216	1.93742	1.93742	0.00407339	0.394429	-2.53531	0.871918	1.0397	1.0397	0.703449	0.911846	-1.09668	3.33684	3.07691	0.819645	1
cg23752752	FOXK1	0.0520403	0.279545	2.39183	2.39183	0.375521	0.493854	-2.02489	0.148351	0.300386	-3.32905	0.355012	2.09192	2.09192	0.27857	0.417292	-2.3964	0.943264	0.946285	-1.05676	0.0878569	0.231932	-4.31161	0.00384973	20.5173	20.5173	0.900844	1.10152	1.10152	3.33684	31.8011	8.47138	1
cg22369786	SPRY2	0.0520408	0.20765	2.99672	2.99672	0.140095	3.71087	3.71087	0.972007	0.971431	-1.02941	0.36243	0.461516	-2.16677	0.0852778	4.81396	4.81396	0.175929	0.30463	-3.28268	0.00673145	0.0548897	-18.2183	0.177319	3.26863	3.26863	0.685141	1.40034	1.40034	3.33683	36.0596	9.60584	1
cg25334393	ZNF251	0.0520409	0.397975	0.822836	-1.21531	0.173107	1.38629	1.38629	0.502536	1.16571	1.16571	0.265492	1.29882	1.29882	0.150307	0.706507	-1.41542	0.766743	0.93517	-1.06932	0.00276802	0.394575	-2.53437	0.295317	1.27703	1.27703	0.432159	0.834746	-1.19797	3.33683	2.68302	0.714724	1
cg14131612	KIAA1529	0.0520429	0.0852353	1.29715	1.29715	0.336204	1.14351	1.14351	0.0171699	1.49701	1.49701	0.0196917	0.676498	-1.4782	0.488932	1.0995	1.0995	0.354472	0.879164	-1.13744	0.146525	1.23625	1.23625	0.744353	1.04505	1.04505	0.245331	0.848146	-1.17904	3.6168	1.01602	0.218492	1
cg00141162	HCLS1;HCLS1	0.0520431	0.773005	1.09489	1.09489	0.252172	0.687342	-1.45488	0.230584	0.674216	-1.48321	0.0826973	0.547528	-1.82639	0.00417106	0.300193	-3.33119	0.132023	1.6645	1.6645	0.987406	0.995065	-1.00496	0.310793	1.38916	1.38916	0.122896	0.592205	-1.68861	3.33677	5.19177	1.38305	1
cg10955421	BRD2;BRD2	0.0520432	0.451813	0.909111	-1.09998	0.0153875	1.44726	1.44726	0.0166382	1.43832	1.43832	0.226127	1.17116	1.17116	0.035936	1.35437	1.35437	0.987626	0.998074	-1.00193	0.300401	0.875122	-1.1427	0.278902	0.869407	-1.15021	0.741372	1.04203	1.04203	3.33677	0.816578	0.21753	1
cg27461259	PPARGC1A	0.0520432	0.325216	0.791934	-1.26273	0.10051	1.51156	1.51156	0.00471969	2.36804	2.36804	0.453614	1.19161	1.19161	0.453727	0.839242	-1.19155	0.299887	0.781375	-1.2798	0.0596623	0.613826	-1.62912	0.9611	0.988862	-1.01126	0.535498	1.15499	1.15499	3.33677	2.78669	0.742351	1
cg26641275	HDAC4	0.0520434	0.860033	1.06827	1.06827	0.0471308	2.33964	2.33964	0.107837	1.92806	1.92806	0.00755907	0.276438	-3.61744	0.494722	0.771491	-1.29619	0.438574	1.34395	1.34395	0.104098	1.94424	1.94424	0.491485	1.2988	1.2988	0.361445	0.70398	-1.42049	3.33676	7.39831	1.97085	1
cg03065329	TTL	0.0520436	0.169941	1.24736	1.24736	0.807622	0.963785	-1.03758	0.329985	1.16416	1.16416	0.00385375	1.80182	1.80182	0.520528	1.10349	1.10349	0.190439	1.23324	1.23324	0.033476	0.686839	-1.45594	0.367191	1.15035	1.15035	0.405349	1.13738	1.13738	3.33676	1.20822	0.321862	1
cg05169062	TREX2	0.0520459	0.314038	1.5443	1.5443	0.0338133	0.35547	-2.81318	0.15632	0.531047	-1.88307	0.0791863	0.443345	-2.25558	0.00843707	0.245636	-4.07106	0.385539	1.44961	1.44961	0.225017	1.70212	1.70212	0.704571	1.17232	1.17232	0.987358	1.00663	1.00663	3.3367	9.20562	2.45235	1
cg01872324	GLT25D1	0.052046	0.0155566	0.490385	-2.03922	0.12204	1.49558	1.49558	0.0472875	1.7248	1.7248	0.892365	1.03305	1.03305	0.33519	0.787661	-1.26958	0.419627	1.21902	1.21902	0.0595261	0.600029	-1.66659	0.161802	1.4316	1.4316	0.667396	0.90138	-1.10941	3.3367	3.04821	0.812036	1
cg19853229	PLEKHG2;PLEKHG2	0.0520474	0.693066	0.930995	-1.07412	0.0778468	1.42361	1.42361	0.00382205	2.01961	2.01961	0.52415	0.890167	-1.12339	0.654744	0.922076	-1.08451	0.851602	1.03433	1.03433	0.0592164	0.681193	-1.46801	0.966122	0.992374	-1.00768	0.312721	0.828436	-1.20709	3.33667	1.71678	0.457351	1
cg14577430	PLCL2	0.0520482	0.0605761	0.828475	-1.20704	0.0680706	1.19927	1.19927	0.135673	1.15374	1.15374	0.483244	0.938599	-1.06542	0.0362948	1.24168	1.24168	0.845668	0.982818	-1.01748	0.0408331	0.810621	-1.23362	0.183576	0.882079	-1.13369	0.664889	0.961982	-1.03952	3.33664	0.417949	0.111342	1
cg01853638	INO80D	0.0520503	0.0759395	1.49967	1.49967	0.0998828	1.44768	1.44768	0.295177	1.24951	1.24951	0.661705	1.09455	1.09455	0.177632	0.745311	-1.34172	0.00242159	2.37864	2.37864	0.946771	1.01379	1.01379	0.664753	0.914422	-1.09359	0.327239	1.23061	1.23061	3.33659	2.22473	0.592683	1
cg07158246	PFDN2;NIT1	0.0520504	0.0202034	0.569499	-1.75593	0.194007	1.31812	1.31812	0.204372	1.30893	1.30893	0.188177	0.755564	-1.32351	0.45417	0.857916	-1.16562	0.0152085	0.549215	-1.82078	0.265875	0.792124	-1.26243	0.041841	0.624073	-1.60238	0.830493	0.957825	-1.04403	3.33659	2.135	0.568776	1
cg20377673	MIF	0.0520505	0.30872	1.32035	1.32035	0.0415502	1.85872	1.85872	0.173624	1.46502	1.46502	0.00319534	2.89158	2.89158	0.822645	0.942501	-1.06101	0.113403	1.57525	1.57525	0.605558	0.871608	-1.1473	0.0431438	1.84729	1.84729	0.178104	1.45855	1.45855	3.33659	3.67688	0.979545	1
cg14474777	NINJ1	0.0520519	0.0307744	0.552033	-1.81148	0.0855161	1.56074	1.56074	0.763102	0.931651	-1.07336	0.0546959	0.600252	-1.66597	0.349595	0.798111	-1.25296	0.583515	0.878382	-1.13846	0.227546	0.743286	-1.34538	0.116518	1.49097	1.49097	0.0228861	0.528565	-1.89191	3.33656	2.89854	0.772198	1
cg09075137	SCEL;SCEL;SCEL	0.0520533	0.068491	0.399682	-2.50199	0.846011	1.09137	1.09137	0.941245	1.0337	1.0337	0.261072	0.590339	-1.69394	0.00718088	0.210006	-4.76176	0.922824	0.957363	-1.04454	0.0179837	0.274541	-3.64244	0.25109	1.71468	1.71468	0.0808013	0.418664	-2.38855	3.33652	10.6852	2.84667	1
cg05587232	C7orf50;C7orf50;C7orf50	0.052054	0.026149	0.517406	-1.93272	0.0544535	0.5799	-1.72444	0.0327765	0.535966	-1.86579	0.210095	1.39072	1.39072	0.180445	0.701059	-1.42641	0.923163	1.02438	1.02438	0.187441	0.705484	-1.41747	0.0146704	0.472246	-2.11754	0.140513	0.673056	-1.48576	3.3365	3.29517	0.877879	1
cg22448232	PTGFRN	0.0520544	0.0499356	0.252155	-3.96581	0.0064609	0.112813	-8.86425	0.0383253	0.227868	-4.38851	0.230756	0.46086	-2.16986	0.0324185	0.213698	-4.6795	0.147513	0.383812	-2.60544	0.031596	0.211598	-4.72594	0.0525396	0.257108	-3.88942	0.174401	0.41056	-2.4357	3.33649	20.0636	5.34522	1
cg12974258	CSF1R	0.0520545	0.69264	0.871601	-1.14731	0.00370374	3.88278	3.88278	0.756501	0.897995	-1.11359	0.911197	1.03935	1.03935	0.0665267	0.490795	-2.03751	0.335927	1.40947	1.40947	0.729378	1.12764	1.12764	0.0421746	2.2472	2.2472	0.374523	1.37066	1.37066	3.33649	6.32271	1.68446	1
cg21701445	NRSN2	0.0520565	0.0425139	0.440196	-2.27171	0.0401651	0.43477	-2.30007	0.221623	0.636805	-1.57034	0.424089	1.33214	1.33214	0.141686	0.574021	-1.7421	0.124129	0.557142	-1.79488	0.0168065	0.358816	-2.78695	0.00978701	0.317463	-3.14997	0.584514	0.823678	-1.21407	3.33644	6.52091	1.73729	1
cg23122899	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0520576	0.645177	0.88083	-1.13529	0.632637	1.14088	1.14088	0.40582	0.792357	-1.26206	0.314656	0.752348	-1.32917	0.0023436	0.312788	-3.19705	0.850874	1.05286	1.05286	0.0243088	0.479671	-2.08476	?	?	?	0.542587	0.844781	-1.18374	3.38501	3.56902	1.05436	1
cg06155833	MTG1	0.0520595	0.293046	0.820179	-1.21925	0.202398	0.783026	-1.2771	0.0101557	0.554772	-1.80254	0.729376	0.938835	-1.06515	0.646987	1.08741	1.08741	0.665544	0.924005	-1.08225	0.0100884	1.80396	1.80396	0.281513	0.815949	-1.22557	0.373893	0.847148	-1.18043	3.33637	1.74519	0.46496	1
cg23437843	ZNF167;ZNF167	0.05206	0.0321205	4.32422	4.32422	0.0039497	9.59745	9.59745	0.108915	2.77273	2.77273	0.879113	1.09284	1.09284	0.470206	1.53501	1.53501	0.691112	1.26234	1.26234	0.119925	2.67545	2.67545	0.0155602	5.6439	5.6439	0.193769	2.23011	2.23011	3.33635	17.9794	4.79017	1
cg15879316	CELSR1	0.0520603	0.476061	0.853586	-1.17153	0.0145638	0.518217	-1.92969	0.0143313	0.517051	-1.93405	0.359174	0.813862	-1.22871	0.41214	0.832612	-1.20104	0.790957	0.943616	-1.05975	0.0380342	0.591328	-1.69111	0.369738	1.22291	1.22291	0.136109	1.42027	1.42027	3.33635	2.52174	0.671857	1
cg13364628	SDK2	0.0520617	0.00404632	0.671605	-1.48897	0.0203532	0.749485	-1.33425	0.4119	1.09038	1.09038	0.301617	0.895506	-1.11669	0.481916	1.07649	1.07649	0.798588	0.973975	-1.02672	0.991116	0.998852	-1.00115	0.428683	1.08689	1.08689	0.143479	0.850343	-1.176	3.33632	0.561944	0.149718	1
cg01227084	SGTA	0.0520623	0.0278895	0.242497	-4.12376	0.0167232	0.203399	-4.91646	0.0860489	0.355489	-2.81302	0.24599	0.516042	-1.93783	0.0246772	0.23257	-4.29978	0.122258	0.40124	-2.49227	0.0579666	0.310801	-3.2175	0.274658	1.85843	1.85843	0.121295	0.400138	-2.49914	3.3363	15.7091	4.18538	1
cg16460383	NXN	0.0520626	0.0485191	0.268655	-3.72225	0.0194112	0.192394	-5.19766	0.18343	0.439066	-2.27756	0.12956	0.384785	-2.59885	0.00742563	0.133862	-7.47037	0.381409	0.592412	-1.68801	0.033377	0.234585	-4.26284	0.0437907	0.258863	-3.86305	0.070168	0.307104	-3.25623	3.33629	17.9705	4.78789	1
cg14786757	SAFB2	0.0520629	0.111368	2.20204	2.20204	0.0113366	4.23414	4.23414	0.0435507	2.876	2.876	0.574839	1.29431	1.29431	0.620105	0.796558	-1.2554	0.929123	1.04133	1.04133	0.711733	1.18406	1.18406	0.00487608	5.46655	5.46655	0.369999	1.52053	1.52053	3.33628	10.948	2.91689	1
cg25717351	NXN	0.0520643	0.636015	0.893831	-1.11878	0.438281	0.830167	-1.20458	0.0461781	0.584024	-1.71226	0.521775	0.858247	-1.16517	0.00501216	0.417227	-2.39678	0.481357	1.18352	1.18352	0.0920994	1.54732	1.54732	0.293537	0.773741	-1.29242	0.0760273	0.628256	-1.59171	3.33625	2.9286	0.780276	1
cg00093829	PFKFB3;PFKFB3	0.0520647	0.0108162	0.289772	-3.45099	0.169414	0.567546	-1.76197	0.172908	0.5705	-1.75285	0.262584	1.57144	1.57144	0.0224499	0.347106	-2.88096	0.457766	1.3399	1.3399	0.0432903	0.406775	-2.45836	0.445324	0.74003	-1.3513	0.100129	0.498021	-2.00795	3.33624	7.9118	2.10797	1
cg19594156	PLXDC1	0.0520649	?	?	?	0.258888	1.93583	1.93583	0.415996	1.5939	1.5939	0.512868	1.45085	1.45085	0.0169118	0.195171	-5.1237	0.126732	2.5251	2.5251	0.0427012	3.69978	3.69978	0.158777	0.429712	-2.32714	0.158682	2.32765	2.32765	3.38482	14.984	4.42682	1
cg00769668	CDCA7;CDCA7	0.0520649	0.388652	1.23911	1.23911	0.119144	0.663377	-1.50744	0.00182898	0.341451	-2.92868	0.425592	0.820832	-1.21828	0.0753444	0.618493	-1.61683	0.712172	0.914	-1.09409	0.476903	0.839033	-1.19185	0.813972	0.944405	-1.05887	0.0726605	0.615105	-1.62574	3.33623	3.11147	0.829003	1
cg04889043	CPEB3	0.0520654	0.0543504	0.464793	-2.1515	0.00371024	0.252635	-3.95827	0.578709	0.821324	-1.21755	0.615599	1.19442	1.19442	0.254324	0.658557	-1.51847	0.224427	0.639014	-1.56491	0.116933	0.550075	-1.81793	0.110171	1.84224	1.84224	0.486573	0.780294	-1.28157	3.33622	6.50703	1.7337	1
cg02927042	EIF4G3	0.0520694	0.173219	0.685784	-1.45818	0.0030343	0.347427	-2.87831	0.242992	0.727607	-1.37437	0.368185	0.786178	-1.27198	0.0524747	0.563314	-1.77521	0.161363	0.677538	-1.47593	0.144537	0.665034	-1.50368	0.390653	0.795381	-1.25726	0.145874	1.50135	1.50135	3.33613	3.57925	0.953667	1
cg12607120	TSN	0.0520699	0.107163	0.470458	-2.12559	0.549399	0.771262	-1.29658	0.510225	0.750964	-1.33162	0.540748	0.76681	-1.3041	0.0248004	0.318016	-3.14449	0.0734755	0.424991	-2.35299	0.00397361	0.190034	-5.26223	0.232149	1.71136	1.71136	0.20735	0.565459	-1.76848	3.33611	9.71399	2.58824	1
cg17514495	RXRG;RXRG	0.0520717	0.550974	0.864871	-1.15624	0.04096	0.566864	-1.76409	0.0131822	0.477356	-2.09487	0.311411	0.777238	-1.28661	0.189269	0.715601	-1.39743	0.197219	0.720338	-1.38824	0.0708699	1.62522	1.62522	0.0410863	0.567125	-1.76328	0.0863939	0.633912	-1.5775	3.33607	3.05947	0.81519	1
cg18632745	ZNF365;ZNF365	0.0520722	0.376799	0.617123	-1.62042	0.399339	1.58281	1.58281	0.34487	0.595829	-1.67833	0.212813	0.497413	-2.0104	0.0014212	0.0856911	-11.6698	0.484282	0.685031	-1.45979	0.718641	1.21234	1.21234	0.912885	0.94342	-1.05997	0.0690561	0.338678	-2.95266	3.33606	14.966	3.98768	1
cg19583968	TMEM61	0.0520724	0.128582	0.300449	-3.32835	0.158291	3.01668	3.01668	0.255318	2.38549	2.38549	0.925511	1.07086	1.07086	0.183794	0.356185	-2.80753	0.52541	1.60174	1.60174	0.722319	1.29851	1.29851	0.388646	1.90942	1.90942	0.00253477	21.4908	21.4908	3.33605	28.3166	7.54495	1
cg00879980	GDF9	0.0520726	0.0983664	0.739432	-1.35239	0.299024	1.19632	1.19632	0.647873	1.07958	1.07958	0.0054315	1.83898	1.83898	0.0495866	1.45217	1.45217	0.518031	1.11531	1.11531	0.193232	1.2577	1.2577	0.104151	1.34429	1.34429	0.0686608	1.40406	1.40406	3.33605	1.46524	0.390412	1
cg26871120	CSDA;CSDA	0.052073	0.439286	1.40074	1.40074	0.00982307	0.247981	-4.03257	0.0103851	0.251858	-3.97048	0.751099	1.14563	1.14563	0.29496	0.628742	-1.59048	0.863791	1.07611	1.07611	0.592331	1.25976	1.25976	0.363883	1.48981	1.48981	0.194631	1.79709	1.79709	3.33604	9.64377	2.56959	1
cg26368996	PARP14	0.0520737	0.202226	0.536041	-1.86553	0.785323	1.13479	1.13479	0.889369	0.937577	-1.06658	0.226051	0.555039	-1.80167	0.006378	0.193213	-5.17564	0.151718	0.491024	-2.03656	0.00896512	0.214543	-4.66108	0.492851	0.724305	-1.38063	0.030489	0.308034	-3.24639	3.33602	11.3315	3.0193	1
cg09759588	SMTNL1	0.052075	0.126117	0.328579	-3.04341	0.614488	0.710668	-1.40713	0.127969	0.330648	-3.02437	0.284554	0.473503	-2.11192	0.00340303	0.06875	-14.5455	0.369343	0.537929	-1.85898	0.0199428	0.151192	-6.61409	0.237178	0.43481	-2.29986	0.0209347	0.154341	-6.47915	3.33599	23.8958	6.36714	1
cg05553756	DDX53;DDX53	0.0520751	0.204852	1.51769	1.51769	0.0484167	2.02028	2.02028	0.686969	1.13466	1.13466	0.515924	1.22804	1.22804	0.00353138	0.291307	-3.4328	0.267066	1.43416	1.43416	0.33892	0.73536	-1.35988	0.971769	0.989025	-1.0111	0.982894	1.00671	1.00671	3.33599	5.13818	1.36909	1
cg18817158	PLXNA4	0.0520754	0.0200886	0.103149	-9.69472	0.0422339	0.150287	-6.65394	0.360724	0.46718	-2.1405	0.386157	0.486967	-2.05353	0.0103663	0.0731596	-13.6688	0.392883	0.492173	-2.03181	0.0120831	0.0792972	-12.6108	0.115987	0.250646	-3.98969	0.0583065	0.176755	-5.65756	3.33598	34.6612	9.23565	1
cg21293902	SNORD34;RPL13AP5;SNORD35A;RPL13A	0.0520766	0.0160381	0.414204	-2.41427	0.0179539	2.363	2.363	0.0798621	0.55923	-1.78817	0.0746559	0.55223	-1.81084	0.489483	0.810629	-1.23361	0.455352	1.2553	1.2553	0.621912	0.861877	-1.16026	0.600362	1.17125	1.17125	0.893606	0.960776	-1.04083	3.33595	4.72447	1.25887	1
cg12566417	LGR4	0.0520783	0.487762	1.14909	1.14909	0.184127	0.757497	-1.32014	0.209411	0.770437	-1.29797	0.995531	0.998896	-1.0011	0.576431	1.11767	1.11767	0.00272244	2.26129	2.26129	0.339684	1.21408	1.21408	0.0556375	1.53344	1.53344	0.855703	1.03654	1.03654	3.33591	2.05309	0.547068	1
cg13319938	TRPM5	0.0520787	0.0288838	0.404697	-2.47099	0.516792	0.793909	-1.25959	0.171261	0.599621	-1.66772	0.100235	0.531371	-1.88192	0.0110652	0.3267	-3.06092	0.509892	0.790802	-1.26454	0.013923	0.344162	-2.90561	0.0246812	0.390946	-2.5579	0.0683293	0.48842	-2.04742	3.3359	6.51305	1.73548	1
cg14677130	EGFLAM;EGFLAM;EGFLAM;EGFLAM	0.0520798	0.553969	1.57296	1.57296	0.00892497	12.3918	12.3918	0.537567	0.62356	-1.60369	0.77228	1.24551	1.24551	0.00932497	0.0824754	-12.1248	0.346702	2.08167	2.08167	0.733773	0.772366	-1.29472	0.197373	2.80397	2.80397	0.936557	1.06208	1.06208	3.33587	30.2454	8.05931	1
cg05588111	NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081;SHOC2;NCRNA00081	0.0520814	0.627505	1.2054	1.2054	0.975617	0.988392	-1.01174	0.770523	0.894277	-1.11822	0.429789	1.36057	1.36057	0.174371	1.73669	1.73669	0.00179687	0.18329	-5.45583	0.201247	1.67468	1.67468	0.908336	1.04498	1.04498	0.39267	1.39729	1.39729	3.33583	7.71074	2.05466	1
cg08203192	PRKCE	0.0520825	0.0338631	0.161881	-6.17737	0.118631	0.28789	-3.47355	0.437054	0.55836	-1.79096	0.20689	0.375898	-2.6603	0.0275292	0.14721	-6.79302	0.159888	0.331604	-3.01565	0.0215264	0.131413	-7.60958	0.00937584	0.0887905	-11.2625	0.0297623	0.152581	-6.55392	3.3358	28.5444	7.60619	1
cg09998519	HNRNPU;HNRNPU	0.0520841	0.0514995	0.762195	-1.312	0.188571	0.843112	-1.18608	0.0588799	1.2987	1.2987	0.804616	1.03083	1.03083	0.910136	0.986264	-1.01393	0.749311	1.04006	1.04006	0.0524395	0.763245	-1.3102	0.889668	0.98314	-1.01715	0.0150685	1.44188	1.44188	3.33577	0.792824	0.211266	1
cg12900846	C17orf101;C17orf101	0.0520842	0.381159	0.849225	-1.17754	0.820309	0.95945	-1.04226	0.33409	1.19873	1.19873	0.0221172	1.64746	1.64746	0.0469762	1.51241	1.51241	0.645492	0.919174	-1.08793	0.00860201	1.83985	1.83985	0.997807	0.9995	-1.0005	0.214058	0.788191	-1.26873	3.33576	1.7489	0.466032	1
cg07685326	PAR1	0.0520845	0.384681	0.717889	-1.39297	0.0150359	0.329101	-3.03858	0.337865	1.44398	1.44398	0.194074	0.599943	-1.66682	0.302294	0.67208	-1.48792	0.824969	1.08585	1.08585	0.0306475	2.57111	2.57111	0.105866	1.92867	1.92867	0.153496	0.56648	-1.76529	3.33576	7.3057	1.94677	1
cg25041439	HYLS1	0.0520848	0.252889	0.505349	-1.97883	0.157672	0.421708	-2.37131	0.0302241	0.233098	-4.29004	0.147071	0.410949	-2.43339	0.0060038	0.128474	-7.78365	0.105166	0.363539	-2.75074	0.00888453	0.149129	-6.7056	0.201222	0.462362	-2.16281	0.110882	0.370573	-2.69852	3.33575	17.2559	4.59825	1
cg16308148	NPSR1;NPSR1	0.0520849	0.0326031	0.705114	-1.41821	0.019009	0.672534	-1.48691	0.0940908	0.77324	-1.29326	0.310235	1.158	1.158	0.609793	0.930612	-1.07456	0.13117	1.2557	1.2557	0.486218	1.1039	1.1039	0.03773	0.714128	-1.40031	0.706925	0.948598	-1.05419	3.33575	1.03118	0.274782	1
cg10160023	KIF1A	0.0520851	0.106421	0.756242	-1.32233	0.37301	1.15596	1.15596	0.583861	1.09162	1.09162	0.816496	0.963833	-1.03752	0.948344	1.01032	1.01032	0.112675	1.31476	1.31476	0.0022964	1.96474	1.96474	0.214395	1.23016	1.23016	0.182571	1.25128	1.25128	3.33574	1.32682	0.353564	1
cg12430776	C21orf91;C21orf91;C21orf91	0.0520853	0.291856	0.841493	-1.18836	0.124649	0.76926	-1.29995	0.211602	1.23079	1.23079	0.831058	1.03429	1.03429	0.0820469	0.737844	-1.3553	0.0142107	0.620453	-1.61173	0.0586879	0.713922	-1.40071	0.0121179	0.610494	-1.63802	0.305456	0.845823	-1.18228	3.33574	1.31545	0.350535	1
cg00795791	PL-5283	0.0520853	0.787244	0.918393	-1.08886	0.00562665	0.318638	-3.13836	0.0301616	0.448303	-2.23064	0.641628	0.862859	-1.15894	0.926479	1.02947	1.02947	0.670406	0.873959	-1.14422	0.0343319	2.17467	2.17467	0.908069	1.03702	1.03702	0.380916	0.753653	-1.32687	3.33574	5.23186	1.39416	1
cg13523557	ADCY1	0.0520861	0.0103807	6.87781	6.87781	0.0662178	3.42443	3.42443	0.0496857	3.80981	3.80981	0.358606	1.75759	1.75759	0.483332	0.653391	-1.53048	0.0774403	3.2304	3.2304	0.026113	4.83991	4.83991	0.0973	2.96549	2.96549	0.0456806	3.93045	3.93045	3.33572	18.8548	5.02435	1
cg09805405	PKIB;PKIB;PKIB	0.0520864	0.171907	0.441726	-2.26385	0.19716	2.15123	2.15123	0.913506	0.940779	-1.06295	0.188807	0.457379	-2.18637	0.0368965	0.256183	-3.90345	0.0820655	0.338767	-2.95188	0.0179956	0.19891	-5.02741	0.0792725	2.98803	2.98803	0.252823	0.511157	-1.95634	3.33571	16.6776	4.44419	1
cg00047532	PTCRA	0.0520872	0.0184539	0.186983	-5.34809	0.0450316	0.259431	-3.8546	0.0465335	0.26255	-3.8088	0.076622	0.314951	-3.1751	0.0462376	0.26194	-3.81767	0.191889	0.444675	-2.24883	0.0122653	0.160411	-6.234	0.0410706	0.250872	-3.9861	0.080779	0.321113	-3.11417	3.33569	18.1803	4.84466	1
cg00292312	CAMTA1	0.052088	0.027816	0.133808	-7.47338	0.0166297	0.104112	-9.60501	0.184173	0.33629	-2.97363	0.14622	0.299205	-3.34219	0.012471	0.0902695	-11.0779	0.0630173	0.198334	-5.04201	0.0514621	0.179932	-5.55765	0.0360202	0.151581	-6.59715	0.0932547	0.239714	-4.17164	3.33567	31.6153	8.42484	1
cg22628286	FXYD7	0.0520885	0.0107002	0.392408	-2.54837	0.708005	1.11596	1.11596	0.277452	0.719389	-1.39007	0.150184	0.637775	-1.56795	0.0150189	0.41824	-2.39097	0.604034	0.858507	-1.16481	0.0737966	0.559267	-1.78806	0.0196823	0.439743	-2.27406	0.0685025	0.551748	-1.81242	3.33566	4.49198	1.19703	1
cg01245155	PARD3B;PARD3B;PARD3B	0.0520892	0.53022	1.16056	1.16056	0.874598	0.96369	-1.03768	0.0227304	0.528071	-1.89369	0.37018	0.806135	-1.24049	0.0144607	0.493747	-2.02533	0.643583	0.89663	-1.11529	0.00926975	0.461531	-2.1667	0.459555	1.19285	1.19285	0.158903	0.702852	-1.42278	3.33564	2.89711	0.772028	1
cg13723594	DAB2IP;DAB2IP	0.0520894	0.779296	0.955193	-1.04691	0.969489	1.00626	1.00626	0.829734	0.96547	-1.03576	0.332012	0.849335	-1.17739	0.113276	1.32474	1.32474	0.0291713	1.52105	1.52105	0.0044331	1.85815	1.85815	0.545791	0.905058	-1.1049	0.286288	0.834696	-1.19804	3.33563	1.40657	0.374827	1
cg01093138	CDH13	0.0520911	0.106754	0.421636	-2.37171	0.102722	0.41663	-2.40021	0.00679582	0.179065	-5.58456	0.609132	0.776544	-1.28776	0.159607	0.478547	-2.08966	0.120352	0.437687	-2.28474	0.00637687	0.17536	-5.70254	0.91005	1.05699	1.05699	0.122472	0.440086	-2.27228	3.33559	12.7049	3.38569	1
cg02256089	SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.0520916	0.143157	0.395277	-2.52987	0.351939	1.75956	1.75956	0.257933	2.00645	2.00645	0.605184	1.36019	1.36019	0.00606629	0.120768	-8.28031	0.0279939	0.21624	-4.62449	0.399585	0.601288	-1.6631	0.241838	0.485469	-2.05986	0.118428	0.367908	-2.71807	3.33558	18.3824	4.89866	1
cg06090684	UTP20	0.0520926	0.142024	0.551736	-1.81246	0.917088	1.04001	1.04001	0.18391	0.587987	-1.70072	0.0691736	0.464885	-2.15107	0.0587943	0.447502	-2.23463	0.137807	0.54771	-1.82578	0.00461677	0.241733	-4.1368	0.0163078	0.330761	-3.02333	0.107638	0.516107	-1.93758	3.33556	7.49706	1.99788	1
cg05618201	WNT6	0.0520938	0.715305	0.944853	-1.05837	0.0339307	0.681523	-1.4673	0.530284	1.10346	1.10346	0.155191	1.26561	1.26561	0.167634	1.25578	1.25578	0.686948	0.93919	-1.06475	0.00413509	1.81384	1.81384	0.5454	1.0994	1.0994	0.789699	0.959451	-1.04226	3.33553	1.26682	0.337596	1
cg02658214	SDR9C7	0.0520947	0.00676903	0.096345	-10.3794	0.136512	0.343235	-2.91346	0.17851	0.385636	-2.59312	0.0688298	0.257307	-3.88641	0.0233567	0.164268	-6.08761	0.094111	0.293178	-3.4109	0.0346428	0.193604	-5.16518	0.042837	0.211413	-4.73007	0.0656553	0.252312	-3.96335	3.33551	23.4754	6.25602	1
cg20124933	KCNQ1;KCNQ1	0.0520947	0.486831	0.666153	-1.50116	0.0143623	0.176342	-5.67081	0.26073	0.509429	-1.96298	0.399095	1.64276	1.64276	0.00246012	0.0887662	-11.2655	0.805633	1.15229	1.15229	0.777649	0.849776	-1.17678	0.728387	0.818356	-1.22196	0.494879	0.671306	-1.48963	3.33551	17.4653	4.65437	1
cg25786758	IQCG;IQCG;RPL35A	0.0520952	0.478299	1.18853	1.18853	0.17853	1.4084	1.4084	0.0465504	1.72657	1.72657	0.0065449	2.33115	2.33115	0.201455	1.38155	1.38155	0.0900647	1.56457	1.56457	0.0611316	0.603152	-1.65796	0.92484	0.977646	-1.02287	0.85188	1.0458	1.0458	3.33549	3.03248	0.808139	1
cg25226572	ADO	0.0520956	0.468087	1.15092	1.15092	0.779875	1.05479	1.05479	0.0679614	0.677586	-1.47583	0.194417	1.2987	1.2987	0.405563	1.17588	1.17588	0.349122	0.83234	-1.20143	0.00338301	0.468253	-2.1356	0.285575	1.23512	1.23512	0.658945	1.08825	1.08825	3.33548	1.91496	0.510326	1
cg15140322	CNIH3	0.0520976	0.838034	1.088	1.088	0.834179	1.09022	1.09022	0.0751993	0.442026	-2.26231	0.40278	0.702696	-1.42309	0.00662592	0.234041	-4.27275	0.249682	0.60912	-1.64171	0.0728478	0.438429	-2.28087	0.0115948	0.272403	-3.67103	0.0650679	0.425898	-2.34798	3.33544	8.97003	2.3905	1
cg10561323	RASL10B	0.0520979	0.420614	0.842375	-1.18712	0.684811	0.918442	-1.0888	0.242718	0.775015	-1.2903	0.445194	1.17615	1.17615	0.096799	0.683846	-1.46232	0.200021	1.32608	1.32608	0.00259187	2.38749	2.38749	0.66052	1.09652	1.09652	0.770902	1.06276	1.06276	3.33543	2.29593	0.611865	1
cg03354414	GP6;GP6	0.0520984	0.0575485	0.175472	-5.69891	0.00204466	0.0295516	-33.8391	0.067889	0.190713	-5.24348	0.75702	0.777656	-1.28592	0.0470845	0.158617	-6.30448	0.353332	0.46125	-2.16802	0.748933	0.770909	-1.29717	0.175254	0.310973	-3.21572	0.133723	0.269671	-3.70822	3.33542	34.6831	9.24304	1
cg23029494	IRF3;BCL2L12;BCL2L12	0.0520985	0.0832075	0.769846	-1.29896	0.966926	0.994361	-1.00567	0.275923	1.16716	1.16716	0.540329	1.08822	1.08822	0.046904	1.36374	1.36374	0.0088775	1.57487	1.57487	0.153704	1.23159	1.23159	0.0278138	1.42561	1.42561	0.655335	1.06319	1.06319	3.33541	0.982543	0.261848	1
cg08417257	LOC285375	0.0521012	0.211961	0.677121	-1.47684	0.964088	1.01344	1.01344	0.646797	1.14662	1.14662	0.00636612	2.86641	2.86641	0.0444532	0.504369	-1.98268	0.536907	1.20373	1.20373	0.265567	1.41065	1.41065	0.0639951	1.85396	1.85396	0.629247	0.865661	-1.15519	3.33535	4.64533	1.23801	1
cg17553353	TAGLN3;TAGLN3;TAGLN3	0.0521012	0.582473	0.755615	-1.32342	0.0871479	2.59423	2.59423	0.00178742	0.106099	-9.42512	0.635437	1.27255	1.27255	0.769414	0.862128	-1.15992	0.721896	0.834963	-1.19766	0.171748	0.479875	-2.08388	0.294388	0.577609	-1.73127	0.751531	0.85188	-1.17387	3.33535	13.4547	3.58575	1
cg11961243	ANO2	0.0521017	0.0192452	0.220297	-4.53932	0.166095	0.454321	-2.20109	0.0129907	0.19267	-5.19022	0.095813	0.376335	-2.65721	0.242784	0.520469	-1.92134	0.142677	0.430952	-2.32045	0.0129426	0.192424	-5.19685	0.0230515	0.234111	-4.27148	0.179857	0.467211	-2.14036	3.33533	15.0763	4.01792	1
cg27242911	MIR1256;CBARA1	0.0521044	0.200161	0.416424	-2.4014	0.0298752	0.191242	-5.22896	0.0099087	0.121342	-8.24116	0.376883	0.556	-1.79856	0.166395	0.384725	-2.59926	0.094475	0.304246	-3.28682	0.0268901	0.183266	-5.45655	0.286916	0.488788	-2.04588	0.00968428	0.120171	-8.32146	3.33527	22.1356	5.89942	1
cg12549554	TCP10L	0.0521063	0.397863	0.851442	-1.17448	0.0645955	1.47061	1.47061	0.0911596	0.70774	-1.41295	0.729649	1.06658	1.06658	0.00491418	0.500414	-1.99835	0.840523	1.03814	1.03814	0.162907	1.3188	1.3188	0.513899	1.13087	1.13087	0.631766	1.09385	1.09385	3.33522	1.82324	0.485922	1
cg13302318	BAT3;BAT3;BAT3;BAT3;BAT3;BAT3;BAT3	0.0521078	0.00763934	0.625754	-1.59807	0.230918	1.18743	1.18743	0.498742	1.09842	1.09842	0.216687	1.19447	1.19447	0.123451	1.25621	1.25621	0.478936	0.906291	-1.1034	0.196066	0.829539	-1.20549	0.0560685	1.34421	1.34421	0.612345	1.07235	1.07235	3.33519	0.987067	0.263072	1
cg13678283	DENND4B	0.0521083	0.0474859	0.622221	-1.60715	0.956265	0.988588	-1.01154	0.474899	1.16424	1.16424	0.351114	0.818045	-1.22243	0.0549732	0.634174	-1.57686	0.0206099	0.557912	-1.7924	0.269438	1.27212	1.27212	0.385497	1.20466	1.20466	0.0543734	1.57911	1.57911	3.33517	2.31351	0.616595	1
cg06826870	TMEM132B;TMEM132B	0.0521085	0.298997	0.739006	-1.35317	0.657861	1.13341	1.13341	0.687242	1.12043	1.12043	0.87739	1.04433	1.04433	0.00123465	0.265232	-3.77028	0.215286	1.44264	1.44264	0.736393	1.09958	1.09958	0.647183	0.878557	-1.13823	0.467207	0.81232	-1.23104	3.33517	4.16993	1.11137	1
cg26874164	ZNF324B;ZNF324B	0.0521108	0.103749	0.697163	-1.43439	0.095062	0.689407	-1.45052	0.113506	1.41791	1.41791	0.176578	0.747302	-1.33815	0.0544791	0.6425	-1.55642	0.0569701	0.646129	-1.54768	0.113772	1.41748	1.41748	0.203176	0.761571	-1.31307	0.221177	1.29792	1.29792	3.33511	2.17163	0.578794	1
cg25639415	GRHL2	0.0521113	0.123286	5.67295	5.67295	0.0132072	24.3801	24.3801	0.0341101	13.077	13.077	0.107474	6.21199	6.21199	0.272905	3.2752	3.2752	0.205887	4.0042	4.0042	0.00853467	32.7626	32.7626	0.074511	7.89126	7.89126	0.0312165	13.8502	13.8502	3.3351	57.0957	15.2175	1
cg12315997	LIAS;RPL9;RPL9;LIAS	0.0521119	0.0574085	0.233953	-4.27437	0.0204214	0.151294	-6.60966	0.176475	0.378625	-2.64114	0.311829	0.493036	-2.02825	0.0658035	0.247766	-4.03606	0.285218	0.472261	-2.11747	0.006971	0.0945103	-10.5809	0.0167354	0.138925	-7.19812	0.0996635	0.295347	-3.38585	3.33509	24.129	6.43103	1
cg01313077	GPN1;CCDC121;GPN1;CCDC121;GPN1;GPN1;CCDC121;GPN1	0.0521124	0.182446	1.86792	1.86792	0.0298677	3.09097	3.09097	0.0506284	2.6739	2.6739	0.05561	0.383735	-2.60596	0.215929	1.77726	1.77726	0.812356	1.11073	1.11073	0.173578	1.89525	1.89525	0.0930542	2.26123	2.26123	0.12305	0.47819	-2.09122	3.33507	10.2996	2.74514	1
cg27049388	BAT2	0.0521125	0.522847	0.905994	-1.10376	0.0309421	0.679622	-1.47141	0.135853	0.782692	-1.27764	0.328187	1.16632	1.16632	0.336344	0.859744	-1.16314	0.0149784	0.633823	-1.57773	0.681918	0.939111	-1.06484	0.0606054	1.38059	1.38059	0.0741035	0.738291	-1.35448	3.33507	1.22752	0.327168	1
cg15550972	TSPAN12	0.0521143	0.0244245	0.394948	-2.53198	0.0386515	0.436165	-2.29271	0.0190528	0.374097	-2.6731	0.0505348	0.462066	-2.16419	0.0128355	0.342797	-2.91718	0.0710867	0.497314	-2.0108	0.0681306	0.492774	-2.02933	0.565589	0.817731	-1.2229	0.195045	0.621981	-1.60777	3.33503	6.33977	1.68975	1
cg03371894	BTNL2	0.0521147	0.657712	0.811754	-1.2319	0.0941698	0.422878	-2.36475	0.0139071	0.241422	-4.14213	0.551915	0.754664	-1.32509	0.00535331	0.179856	-5.56001	0.0682143	0.384797	-2.59877	0.0315321	0.307458	-3.25248	0.264013	0.580107	-1.72382	0.951774	0.972109	-1.02869	3.33502	11.5541	3.07954	1
cg12946080	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0521171	0.452672	0.710276	-1.4079	0.129304	2.08106	2.08106	0.0748977	2.42789	2.42789	0.661235	0.821044	-1.21796	0.0236865	0.298893	-3.34568	0.100245	0.446978	-2.23724	0.0263365	0.307918	-3.24762	0.467594	0.718557	-1.39168	0.12415	0.474962	-2.10543	3.33496	10.5611	2.81492	1
cg17186727	WWTR1;WWTR1;WWTR1;WWTR1;WWTR1	0.0521173	0.0520809	28.5773	28.5773	0.0826214	18.4771	18.4771	0.0697165	21.7034	21.7034	0.182002	8.57829	8.57829	0.086117	17.7633	17.7633	0.0479077	30.9166	30.9166	0.00958766	144.884	144.884	0.0272336	52.7109	52.7109	0.0231515	61.5201	61.5201	3.33495	121.581	32.4058	1
cg15218033	MIR518A1	0.0521174	0.0694776	0.437167	-2.28746	0.79081	1.11442	1.11442	0.30865	0.650918	-1.53629	0.330075	0.663939	-1.50616	0.0182286	0.311014	-3.21529	0.0167625	0.304335	-3.28586	0.0118123	0.277722	-3.60072	0.0357444	0.369442	-2.70679	0.275737	0.629997	-1.58731	3.33495	8.77073	2.33773	1
cg09992055	DAXX;DAXX;DAXX;DAXX	0.0521175	0.709009	0.873688	-1.14457	0.333372	0.698085	-1.43249	0.0555484	2.18483	2.18483	0.973993	0.988326	-1.01181	0.0311463	0.402083	-2.48705	0.0474645	0.44188	-2.26306	0.162191	1.71181	1.71181	0.287565	1.48845	1.48845	0.0583921	2.16056	2.16056	3.33495	6.85298	1.82658	1
cg25257644	PIP4K2A	0.0521179	0.855864	0.972851	-1.02791	0.730206	0.948946	-1.0538	0.011645	1.61173	1.61173	0.651744	0.933535	-1.0712	0.970665	1.00558	1.00558	0.078012	0.743468	-1.34505	0.0166698	1.55652	1.55652	0.121071	0.775328	-1.28978	0.951684	1.00921	1.00921	3.33494	1.2103	0.322593	1
cg19528830	MCF2L;MCF2L	0.0521189	0.4418	0.881296	-1.13469	0.149318	1.28289	1.28289	0.0636644	1.39921	1.39921	0.193208	0.801045	-1.24837	0.544827	0.905979	-1.10378	0.873278	0.974611	-1.02605	0.127305	1.3043	1.3043	0.00633288	0.564005	-1.77303	0.536842	1.10601	1.10601	3.33491	1.371	0.365426	1
cg03543120	MIR143;LOC728264	0.0521223	0.247443	0.692337	-1.44438	0.753969	1.10031	1.10031	0.00226294	0.272806	-3.6656	0.307747	0.725412	-1.37853	0.776855	1.09024	1.09024	0.240816	0.688413	-1.45262	0.193894	1.51883	1.51883	0.056947	0.519435	-1.92517	0.501713	0.812762	-1.23037	3.33483	4.88282	1.3015	1
cg09249494	LY86;LOC285780	0.0521238	0.564329	1.27143	1.27143	0.120365	0.499432	-2.00228	0.00769519	0.243839	-4.10107	0.797984	0.899696	-1.11149	0.085955	0.457507	-2.18576	0.233425	0.597596	-1.67337	0.00966596	0.259408	-3.85492	0.0463478	0.390446	-2.56117	0.377575	0.688594	-1.45223	3.33479	8.96926	2.39076	1
cg03021892	SLC38A5	0.0521242	0.173008	0.590577	-1.69326	0.776365	1.10898	1.10898	0.0481266	0.440257	-2.2714	0.918991	0.963725	-1.03764	0.00617552	0.273297	-3.65902	0.478273	0.769634	-1.29932	0.0756172	0.487574	-2.05097	0.228077	1.5833	1.5833	0.174831	1.68902	1.68902	3.33478	6.9673	1.85714	1
cg18116486	ACTR10	0.0521252	0.390264	0.780173	-1.28177	0.63197	1.14576	1.14576	0.0827696	1.71899	1.71899	0.130271	1.58535	1.58535	0.214659	0.691879	-1.44534	0.0175743	0.442767	-2.25852	0.161941	1.52363	1.52363	0.0380928	0.507692	-1.9697	0.761916	1.08946	1.08946	3.33476	4.19942	1.11937	1
cg14519777	CUX1;CUX1;CUX1	0.0521261	0.269522	0.706592	-1.41524	0.0642546	1.87387	1.87387	0.0142544	2.49186	2.49186	0.402357	0.771929	-1.29546	0.933144	0.974976	-1.02567	0.651527	1.1472	1.1472	0.0482029	1.97772	1.97772	0.469201	0.800583	-1.24909	0.0608949	0.528298	-1.89287	3.33474	4.81825	1.28433	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10408877	DENND3	0.0521264	0.00660631	0.4933	-2.02716	0.3758	0.833482	-1.19979	0.195935	0.760293	-1.31528	0.647877	0.911971	-1.09653	0.0052344	0.478009	-2.09201	0.346405	0.823404	-1.21447	0.457489	1.16372	1.16372	0.682786	1.08582	1.08582	0.955824	1.01116	1.01116	3.33473	2.12089	0.565335	1
cg23301687	RAP1A;RAP1A	0.0521296	0.0367593	0.523713	-1.90944	0.0447054	1.84853	1.84853	0.663741	0.889924	-1.12369	0.875541	1.04267	1.04267	0.0201366	0.47365	-2.11126	0.389247	0.79039	-1.2652	0.0826608	0.599053	-1.6693	0.070281	0.583084	-1.71502	0.481424	1.21019	1.21019	3.33465	3.75367	1.00058	1
cg24214699	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0521302	0.00726497	0.0675255	-14.8092	0.104471	0.251243	-3.9802	0.0233212	0.121271	-8.24597	0.225362	0.37118	-2.69411	0.145794	0.296557	-3.37203	0.177928	0.328166	-3.04724	0.0157647	0.0999894	-10.0011	0.036582	0.15096	-6.62428	0.128319	0.278178	-3.59482	3.33464	31.9953	8.52873	1
cg13302823	SCRT1	0.0521322	0.124955	0.709712	-1.40902	0.0707787	0.659135	-1.51714	0.0129964	1.88956	1.88956	0.576316	1.12361	1.12361	0.223155	0.767773	-1.30247	0.917723	1.02156	1.02156	0.084558	0.674437	-1.48272	0.103193	0.692114	-1.44485	0.314485	1.23955	1.23955	3.33459	2.25106	0.600057	1
cg05078106	CPNE1;CPNE1;CPNE1;RBM12;RBM12;CPNE1;CPNE1;RBM12;CPNE1;CPNE1;CPNE1;CPNE1;CPNE1;RBM12;CPN	0.0521327	0.00534953	0.130583	-7.65795	0.770865	1.17592	1.17592	0.0184991	0.204901	-4.88041	0.666006	0.785861	-1.27249	0.20781	0.478546	-2.08966	?	?	?	0.508135	1.45141	1.45141	0.0706502	0.325962	-3.06785	0.854957	0.903445	-1.10687	3.38312	14.6657	4.33498	1
cg05159145	KIF3C	0.0521337	0.0933514	1.45678	1.45678	0.0711595	1.50813	1.50813	0.00570991	2.09343	2.09343	?	?	?	0.690382	0.921625	-1.08504	0.874496	0.968293	-1.03275	0.872891	1.03318	1.03318	0.0391599	1.62667	1.62667	0.0681846	1.51633	1.51633	3.38309	1.97898	0.584963	1
cg10553088	CADM1;CADM1	0.0521341	0.781062	1.11674	1.11674	0.0207903	0.33194	-3.01259	0.0785866	2.16884	2.16884	0.168306	1.78924	1.78924	0.0223629	0.338041	-2.95822	0.515946	1.29825	1.29825	0.293022	0.649029	-1.54076	0.300892	0.65391	-1.52926	0.234182	1.6392	1.6392	3.33454	8.29343	2.21078	1
cg16000637	UNCX	0.0521346	0.448931	0.466662	-2.14288	0.33917	2.64601	2.64601	0.0421234	10.1017	10.1017	0.502656	1.958	1.958	0.00364243	0.020548	-48.6665	0.817087	0.795461	-1.25713	0.21971	0.279522	-3.57754	0.394901	2.36466	2.36466	0.949869	1.06407	1.06407	3.33453	51.5202	13.7338	1
cg27211120	C4orf22	0.0521352	0.319841	0.822283	-1.21613	0.451481	0.864136	-1.15723	0.327868	0.825106	-1.21197	0.0757712	1.45675	1.45675	0.940556	0.985904	-1.0143	0.485752	0.873868	-1.14434	0.00248827	0.449262	-2.22587	0.266082	1.2468	1.2468	0.313895	0.820161	-1.21927	3.33451	1.91347	0.510077	1
cg06895664	SAMD12;SAMD12	0.0521356	0.236579	0.600303	-1.66582	0.00416683	0.205952	-4.85551	0.00946296	0.25843	-3.86952	0.20778	0.578929	-1.72733	0.259909	0.616561	-1.6219	0.0554962	0.409392	-2.44265	0.128715	0.50883	-1.96529	0.651361	0.829288	-1.20585	0.889471	1.05889	1.05889	3.33451	8.94272	2.38389	1
cg07470341	GALM	0.0521357	0.217761	0.541204	-1.84773	0.0359216	0.314858	-3.17603	0.0510422	0.34914	-2.86418	0.194536	0.522132	-1.91522	0.0141118	0.23825	-4.19728	0.125713	0.456291	-2.19158	0.0262748	0.287062	-3.48357	0.00985177	0.213401	-4.68602	0.136629	0.467983	-2.13683	3.3345	11.8413	3.15658	1
cg07745418	ZNF83	0.0521375	0.0548983	0.810352	-1.23403	0.0538192	1.2355	1.2355	0.927115	1.00888	1.00888	0.107208	0.843796	-1.18512	0.455128	1.07625	1.07625	0.205081	1.13786	1.13786	0.0804707	1.20596	1.20596	0.0650012	0.818614	-1.22158	0.148114	0.860829	-1.16167	3.33446	0.492736	0.131352	1
cg02393727	DPEP1;DPEP1	0.0521399	0.337461	0.569366	-1.75634	0.000888308	0.0586657	-17.0457	0.837662	0.889721	-1.12395	0.392389	0.607099	-1.64718	0.0854426	0.33861	-2.95325	0.539311	0.701887	-1.42473	0.370946	0.592583	-1.68753	0.141935	0.406835	-2.458	0.394674	0.608631	-1.64303	3.3344	17.1317	4.56698	1
cg08527618	AKR1B15	0.052142	0.336219	0.885193	-1.1297	0.386482	0.896569	-1.11536	0.222898	0.854263	-1.1706	0.095493	0.798328	-1.25262	0.00256165	0.597853	-1.67265	0.988931	1.00171	1.00171	0.0777852	1.27259	1.27259	0.938351	0.990532	-1.00956	0.305385	0.877634	-1.13943	3.33435	0.798744	0.212934	1
cg23681730	TRIM44	0.0521422	0.653883	1.16509	1.16509	0.0559076	2.08178	2.08178	0.00254459	4.12773	4.12773	0.26326	1.48417	1.48417	0.883465	0.951556	-1.05091	0.681044	0.869421	-1.15019	0.810621	1.08467	1.08467	0.304561	0.697694	-1.43329	0.0626036	2.03281	2.03281	3.33434	6.05307	1.61366	1
cg09504482	FOXO1	0.0521444	0.0409508	4.1055	4.1055	0.105148	0.346441	-2.8865	0.157187	0.40426	-2.47366	0.238148	0.477238	-2.09539	0.0548137	0.271464	-3.68373	0.0884843	0.324609	-3.08063	0.0139476	0.162334	-6.16013	0.173751	0.420454	-2.37838	0.544845	0.692884	-1.44324	3.33429	18.9275	5.0459	1
cg27637018	SMAP1;SMAP1;SMAP1;SMAP1	0.0521447	?	?	?	0.0155428	0.171514	-5.83041	0.68353	1.27572	1.27572	0.42416	1.62411	1.62411	0.0456613	0.256299	-3.90169	0.502593	1.49817	1.49817	0.0127566	0.159075	-6.28636	0.847513	1.12118	1.12118	0.820085	1.14493	1.14493	3.38282	16.8107	4.96945	1
cg03547809	MIR1185-2;MIR1185-1	0.0521453	0.0905998	0.491931	-2.03281	0.420293	0.731044	-1.36791	0.312758	0.672141	-1.48778	0.62065	0.827102	-1.20904	0.00530321	0.247066	-4.04751	0.0815725	0.479765	-2.08435	0.0121513	0.30445	-3.28461	0.876827	1.06079	1.06079	0.0395032	0.404099	-2.47464	3.33427	7.64491	2.03807	1
cg08316417	CRMP1;CRMP1	0.0521454	0.747464	0.949275	-1.05344	0.163554	1.27073	1.27073	0.45818	1.12944	1.12944	0.168892	0.78962	-1.26643	0.853482	0.97065	-1.03024	0.0794755	0.730759	-1.36844	0.0237795	0.647396	-1.54465	0.027019	1.52484	1.52484	0.150112	1.28222	1.28222	3.33426	1.37115	0.365539	1
cg15894653	ZNF317	0.0521482	0.35995	0.894344	-1.11814	0.268921	1.14637	1.14637	0.420722	1.10251	1.10251	0.814941	0.972567	-1.02821	0.587095	0.937018	-1.06722	0.27403	0.873683	-1.14458	0.00595007	1.53219	1.53219	0.818634	1.02762	1.02762	0.0117659	1.45251	1.45251	3.3342	0.743272	0.198155	1
cg22718914	STXBP5;STXBP5	0.0521498	0.99057	0.997797	-1.00221	0.540146	1.1227	1.1227	0.615445	1.09913	1.09913	0.625138	1.09625	1.09625	0.139292	0.743094	-1.34573	0.376015	0.844051	-1.18476	0.0684451	1.46327	1.46327	0.00311139	2.12699	2.12699	0.0955094	1.40741	1.40741	3.33416	1.83901	0.490281	1
cg23725321	SEC31B	0.0521499	0.0352264	4.31251	4.31251	0.631839	0.750016	-1.33331	0.017678	5.58146	5.58146	0.0128654	6.29996	6.29996	?	?	?	0.518655	1.47683	1.47683	0.99058	1.00706	1.00706	0.749666	1.21017	1.21017	0.0378894	4.19756	4.19756	3.38269	16.9095	4.99883	1
cg21475526	RAD52	0.0521508	0.764034	0.844804	-1.18371	0.622195	0.757122	-1.32079	0.567331	0.723337	-1.38248	0.203217	0.471219	-2.12216	0.0046549	0.12144	-8.23455	0.0457252	0.277159	-3.60804	0.0061674	0.135165	-7.39835	0.705096	0.808161	-1.23738	0.297858	0.54632	-1.83043	3.33413	16.5714	4.41798	1
cg17513787	SORT1	0.0521518	0.848519	1.03199	1.03199	0.354825	1.16972	1.16972	0.0389973	1.48217	1.48217	0.0198293	1.5892	1.5892	?	?	?	0.780856	1.047	1.047	0.606909	1.08923	1.08923	0.0213747	0.634178	-1.57685	0.333798	0.848596	-1.17842	3.38264	1.29157	0.381823	1
cg14549249	CARD11;CARD11	0.0521519	0.0309926	2.92046	2.92046	0.274143	1.61861	1.61861	0.0495232	2.58156	2.58156	0.566252	1.27809	1.27809	0.467377	1.36746	1.36746	0.532559	1.30672	1.30672	0.00199134	6.34382	6.34382	0.188471	1.80344	1.80344	0.0775281	2.29416	2.29416	3.33411	9.4572	2.52133	1
cg06064964	PRIC285;PRIC285	0.0521532	0.401577	0.810464	-1.23386	0.0316234	1.85301	1.85301	0.706821	0.911658	-1.0969	0.0312872	0.538781	-1.85604	0.838294	1.05129	1.05129	0.251018	1.34121	1.34121	0.0319382	1.85022	1.85022	0.280067	1.31634	1.31634	0.114962	0.657341	-1.52128	3.33407	3.1638	0.843492	1
cg17336423	ARHGEF4;ARHGEF4	0.0521537	0.00697592	0.621462	-1.60911	0.0975566	0.780522	-1.28119	0.0124999	0.654724	-1.52736	0.63069	1.06825	1.06825	0.198936	0.831087	-1.20324	0.600309	0.930474	-1.07472	0.179852	1.21429	1.21429	0.319694	0.869218	-1.15046	0.644968	0.938718	-1.06528	3.33406	0.981029	0.261551	1
cg20872692	SLC11A2	0.0521538	0.0523239	2.68523	2.68523	0.814834	1.11072	1.11072	0.24105	1.73208	1.73208	0.935551	1.03686	1.03686	0.103769	0.451016	-2.21722	0.885716	1.06649	1.06649	0.045127	2.79796	2.79796	0.0107951	4.19261	4.19261	0.0380033	2.93489	2.93489	3.33406	10.5786	2.82035	1
cg27110548	NAA40	0.0521557	0.268518	0.815275	-1.22658	0.451991	0.873027	-1.14544	0.91047	0.980264	-1.02013	0.910938	0.980367	-1.02003	0.240324	0.80424	-1.24341	0.690504	0.931532	-1.0735	0.00114562	0.4286	-2.33318	0.0390544	0.6549	-1.52695	0.887741	0.975281	-1.02535	3.33401	1.65823	0.442106	1
cg24630419	ESRRG	0.0521577	0.0227552	9.73969	9.73969	0.0351985	7.75561	7.75561	0.305754	2.42415	2.42415	0.0829093	4.96955	4.96955	0.0227456	9.74186	9.74186	0.57554	0.623532	-1.60377	0.743122	1.316	1.316	0.0151857	12.0646	12.0646	0.716872	0.737787	-1.3554	3.33396	36.8158	9.81569	1
cg13226924	SGSM2;SGSM2	0.0521577	0.697594	0.919421	-1.08764	0.17425	0.732744	-1.36473	0.0548868	0.625994	-1.59746	0.0886799	1.49786	1.49786	0.837653	0.956819	-1.04513	0.516567	0.868056	-1.152	0.399498	1.2039	1.2039	0.537197	1.14388	1.14388	0.00408469	0.436437	-2.29128	3.33396	2.44419	0.651661	1
cg06498720	EMX1	0.0521577	0.292467	0.844856	-1.18363	0.296221	1.18197	1.18197	0.295392	1.18234	1.18234	0.279928	0.840819	-1.18932	0.763376	0.954464	-1.04771	0.99266	1.00142	1.00142	0.314018	0.851525	-1.17436	0.0167375	1.56952	1.56952	0.00683704	1.71732	1.71732	3.33396	1.2581	0.335431	1
cg18785822	DDAH2	0.0521578	0.0747425	0.770541	-1.29779	0.00959213	1.53824	1.53824	0.967119	1.00543	1.00543	0.587686	0.930635	-1.07453	0.0700783	0.766485	-1.30466	0.235307	0.849305	-1.17743	0.085061	0.778769	-1.28408	0.746023	1.0436	1.0436	0.121159	0.801966	-1.24694	3.33396	0.910542	0.242765	1
cg14036069	NEK6;NEK6;NEK6;NEK6	0.0521584	0.283459	0.596228	-1.67721	0.0022886	0.138239	-7.23383	0.0212387	0.276604	-3.61528	0.755106	1.15627	1.15627	0.358081	0.644957	-1.55049	0.358862	0.645443	-1.54932	0.305066	0.610878	-1.63699	0.1217	0.459065	-2.17834	0.576783	1.29906	1.29906	3.33395	11.3709	3.03169	1
cg08119847	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11	0.0521597	0.141159	0.78202	-1.27874	0.793506	1.0416	1.0416	0.676249	0.936835	-1.06742	0.899867	0.980632	-1.01975	0.0521423	0.709491	-1.40946	0.299896	0.846275	-1.18165	0.00310376	1.87498	1.87498	0.721445	0.945898	-1.0572	0.590326	0.919026	-1.08811	3.33391	1.27457	0.339827	1
cg25924807	CNTN4	0.0521614	0.0871577	0.644062	-1.55265	0.321148	0.787608	-1.26967	0.0198004	0.51924	-1.92589	0.766212	1.07192	1.07192	0.189827	0.723641	-1.3819	0.846176	1.04628	1.04628	0.130484	0.683584	-1.46288	0.00519137	0.423468	-2.36145	0.0351505	0.564614	-1.77112	3.33387	2.86476	0.763813	1
cg11746287	PTGIS;PTGIS	0.0521622	0.112159	0.815055	-1.22691	0.598608	0.939129	-1.06482	0.116798	0.817543	-1.22318	0.0445098	0.761257	-1.31362	0.0225979	1.38099	1.38099	0.0471043	0.76443	-1.30816	0.675793	1.05098	1.05098	0.225506	0.860288	-1.1624	0.294511	1.13717	1.13717	3.33385	0.738036	0.196779	1
cg14999852	LZTFL1;LZTFL1	0.052163	0.0455619	0.703237	-1.422	0.177028	1.24649	1.24649	0.0401068	1.4394	1.4394	0.0815753	0.743488	-1.34501	0.157148	0.792692	-1.26152	0.736467	0.949457	-1.05323	0.0962353	0.755429	-1.32375	0.865869	0.974375	-1.0263	0.0443923	0.701495	-1.42553	3.33383	1.24495	0.331937	1
cg06832449	PARD3	0.0521631	0.0674021	0.280666	-3.56296	0.0243365	0.189407	-5.27964	0.0360176	0.220463	-4.53591	0.0346012	0.217076	-4.60668	0.719962	0.799961	-1.25006	0.119381	0.350723	-2.85125	0.0390194	0.227374	-4.39805	0.016492	0.162621	-6.14926	0.0426436	0.235288	-4.25011	3.33383	20.2947	5.41112	1
cg01436279	ZNRF4	0.0521636	0.0678867	0.312728	-3.19766	0.315274	1.80443	1.80443	0.610256	0.746616	-1.33938	0.0862921	0.340541	-2.93651	0.0254636	0.221046	-4.52394	0.0138006	0.177269	-5.64114	0.937791	1.04537	1.04537	0.0806698	0.332469	-3.0078	0.032432	0.240883	-4.15138	3.33382	17.0604	4.54879	1
cg16384849	C1orf94;C1orf94	0.0521648	0.0723966	2.65271	2.65271	0.0152054	4.26661	4.26661	0.489724	1.40697	1.40697	0.171277	2.03156	2.03156	0.811544	0.890269	-1.12326	0.114001	2.30861	2.30861	0.00599963	5.7396	5.7396	0.0378185	3.22841	3.22841	0.111869	2.32213	2.32213	3.33379	12.5021	3.33345	1
cg08096381	IQSEC1	0.0521649	0.0144027	0.215482	-4.64076	0.0173433	0.228882	-4.36907	0.0445054	0.309083	-3.23538	0.699099	0.820654	-1.21854	0.0432635	0.306331	-3.26445	0.403956	0.647539	-1.54431	0.0265109	0.262268	-3.81289	0.0387946	0.29595	-3.37895	0.160263	0.46608	-2.14555	3.33379	13.6726	3.64553	1
cg06952752	MARVELD3;MARVELD3	0.0521667	0.294888	3.38797	3.38797	0.0511617	12.1164	12.1164	0.0999876	7.57312	7.57312	0.13052	6.26049	6.26049	0.0791051	8.93389	8.93389	0.115284	6.84358	6.84358	0.00525266	62.4762	62.4762	0.0300019	17.5917	17.5917	0.0234073	20.9482	20.9482	3.33374	66.6185	17.7627	1
cg06053702	RPTOR;RPTOR	0.0521686	0.019036	0.374993	-2.66672	0.0369059	0.432798	-2.31054	0.0271021	0.404934	-2.46954	0.196029	0.623481	-1.6039	0.00774792	0.306739	-3.2601	0.110932	0.54876	-1.82229	0.647436	0.852906	-1.17246	0.133759	0.571886	-1.7486	0.0645626	0.488011	-2.04913	3.3337	6.30397	1.68088	1
cg02712587	EIF2AK4	0.0521689	0.362608	1.42893	1.42893	0.0368918	2.52084	2.52084	0.00510533	4.10206	4.10206	0.473879	1.32027	1.32027	0.677007	1.17326	1.17326	0.743986	1.13315	1.13315	0.0602078	0.445513	-2.2446	0.908997	0.957322	-1.04458	0.099811	1.98962	1.98962	3.33369	7.68207	2.04833	1
cg10344698	TRIM24;TRIM24	0.052169	0.245955	0.391032	-2.55733	0.040433	0.16016	-6.24377	0.0912337	0.237073	-4.21811	0.17236	0.32499	-3.07702	0.0188563	0.11067	-9.03586	0.0733975	0.21336	-4.68691	0.00558079	0.059809	-16.7199	0.692213	0.735004	-1.36054	0.0425677	0.16417	-6.09123	3.33369	31.615	8.42976	1
cg25541653	MPPED2;MPPED2	0.0521692	0.0775895	0.325105	-3.07593	0.0027811	0.0942193	-10.6135	0.0209749	0.203758	-4.90779	0.169043	0.432016	-2.31473	0.103046	0.360048	-2.77741	0.206995	0.466607	-2.14313	0.114991	0.374678	-2.66896	0.95846	1.03028	1.03028	0.208671	0.468059	-2.13648	3.33368	17.3227	4.6189	1
cg18237999	SPATA4	0.05217	0.0125455	0.451393	-2.21536	0.903363	1.03161	1.03161	0.146441	1.49082	1.49082	0.0271466	1.95416	1.95416	0.561846	0.860488	-1.16213	0.0406865	0.545879	-1.83191	0.366709	0.788554	-1.26814	0.903228	1.03165	1.03165	0.752694	0.922216	-1.08434	3.33366	3.46486	0.923871	1
cg25097801	ENTPD4;ENTPD4;ENTPD4	0.0521705	0.301377	0.87117	-1.14788	0.0744615	1.29171	1.29171	0.345498	1.13331	1.13331	0.103897	0.795302	-1.25738	0.860998	1.02283	1.02283	0.245663	0.85522	-1.16929	0.00759679	0.642628	-1.55611	0.485967	1.09547	1.09547	0.134523	1.231	1.231	3.33365	0.875903	0.233552	1
cg02309273	INPP5B	0.0521738	0.286258	0.77922	-1.28333	0.449563	1.18955	1.18955	0.0447053	1.68057	1.68057	0.242829	0.759325	-1.31696	0.385614	0.818434	-1.22185	0.90047	1.02859	1.02859	0.167488	1.39297	1.39297	0.504713	1.16473	1.16473	0.00372924	2.41656	2.41656	3.33357	2.67909	0.714373	1
cg07357279	FMNL1	0.0521749	0.211357	1.49296	1.49296	0.0619875	0.527495	-1.89575	0.0709847	1.84768	1.84768	0.0247099	2.2567	2.2567	0.942228	0.978183	-1.0223	0.0759318	0.548188	-1.82419	0.473006	0.800805	-1.24874	0.143442	0.619711	-1.61365	0.309704	1.37705	1.37705	3.33354	4.89058	1.30407	1
cg01794468	C7orf50;C7orf50;C7orf50	0.0521752	0.731152	0.850315	-1.17603	0.00235201	7.35458	7.35458	0.0520367	0.353773	-2.82667	0.398336	0.665956	-1.5016	0.477474	0.712087	-1.40432	0.787184	1.13566	1.13566	0.418867	0.678191	-1.47451	0.918604	0.953081	-1.04923	0.537519	0.745647	-1.34112	3.33354	11.6687	3.11145	1
cg15295597	PCDH11Y;PCDH11Y	0.0521755	0.5596	1.20489	1.20489	0.115881	0.58281	-1.71582	0.0484503	2.03863	2.03863	0.421593	0.771544	-1.2961	0.32815	0.726971	-1.37557	0.114165	0.581066	-1.72098	0.00421437	0.298014	-3.35555	0.97354	0.989576	-1.01053	0.740251	0.900229	-1.11083	3.33353	5.2693	1.40506	1
cg03919554	FGFR3;FGFR3;FGFR3	0.0521763	0.949546	0.976594	-1.02397	0.0117646	0.307994	-3.24682	0.0708987	2.12817	2.12817	0.133983	1.83106	1.83106	0.870247	1.0631	1.0631	0.164217	0.573773	-1.74285	0.0388775	0.408596	-2.44741	0.83051	1.08353	1.08353	0.327947	1.45928	1.45928	3.33351	7.39585	1.97212	1
cg14277392	ZNF471	0.0521765	0.0265987	0.367669	-2.71984	0.753504	0.889765	-1.12389	0.291376	0.664954	-1.50386	0.113396	1.90953	1.90953	0.139123	1.81611	1.81611	?	?	?	0.232289	0.62649	-1.59619	0.0171338	0.329118	-3.03843	0.465557	1.31778	1.31778	3.66054	6.92817	1.65608	1
cg08966155	RPL35A;IQCG;IQCG	0.0521773	?	?	?	?	?	?	0.50535	1.26935	1.26935	0.0166587	3.0258	3.0258	0.122314	0.545841	-1.83204	?	?	?	0.043027	0.422575	-2.36645	0.829983	0.927256	-1.07845	0.373373	1.38241	1.38241	4.20019	5.20464	1.23914	1
cg25411333	NCAPG2	0.0521774	0.91498	1.01581	1.01581	0.696961	1.05916	1.05916	0.425431	0.887333	-1.12697	0.67248	0.939462	-1.06444	0.583974	0.921996	-1.0846	0.156523	0.800449	-1.2493	0.000893849	0.481656	-2.07617	0.97587	1.00445	1.00445	0.244387	0.836226	-1.19585	3.33348	1.13874	0.30365	1
cg12618624	TMEM212	0.052178	0.322906	0.842588	-1.18682	0.120564	0.753944	-1.32636	0.00162494	0.468819	-2.13302	0.964608	1.00747	1.00747	0.801059	0.958531	-1.04326	0.474209	0.88507	-1.12985	0.37483	0.858304	-1.16509	0.0753725	0.71742	-1.39388	0.28479	1.20488	1.20488	3.33347	1.48559	0.396141	1
cg14408059	NUBPL	0.0521789	0.219051	0.779389	-1.28306	0.0278184	1.65094	1.65094	0.0977923	1.41943	1.41943	0.270654	0.801593	-1.24752	0.963808	0.991289	-1.00879	0.970838	1.00707	1.00707	0.0095425	1.88327	1.88327	0.0749799	1.46576	1.46576	0.671569	0.921054	-1.08571	3.33345	1.963	0.523448	1
cg07687548	DLX2	0.0521799	0.316034	0.784935	-1.27399	0.00178025	2.82657	2.82657	0.594507	0.882051	-1.13372	0.27588	0.767376	-1.30314	0.379072	0.809938	-1.23466	0.570351	1.14337	1.14337	0.491735	1.17719	1.17719	0.216283	1.35521	1.35521	0.457498	1.19332	1.19332	3.33342	2.88084	0.768203	1
cg04491443	PDILT;PDILT	0.0521799	0.160287	0.812159	-1.23129	0.69822	1.05553	1.05553	0.768851	0.95995	-1.04172	0.635694	1.06843	1.06843	0.0366878	0.714139	-1.40029	0.0550799	1.35211	1.35211	0.00913973	1.58287	1.58287	0.227665	1.19202	1.19202	0.565043	1.08402	1.08402	3.33342	1.01563	0.270827	1
cg21188154	ODZ2	0.052181	0.0123159	0.0984714	-10.1552	0.0829169	0.239804	-4.17007	0.809397	1.19687	1.19687	0.128362	0.294536	-3.39518	0.355069	2.02893	2.02893	0.240399	0.400879	-2.49452	0.0111307	0.0937888	-10.6623	0.0808175	0.236958	-4.22015	0.100395	0.262234	-3.81339	3.33339	29.1981	7.78603	1
cg15089481	BMP8B	0.0521811	0.0618449	0.639461	-1.56382	0.0303496	0.582032	-1.71812	0.0531494	0.626787	-1.59544	0.384959	1.20851	1.20851	0.180902	0.739306	-1.35262	0.482174	0.859093	-1.16402	0.0128101	0.518242	-1.9296	0.591081	0.891083	-1.12223	0.0177284	0.541653	-1.8462	3.33339	2.38659	0.636413	1
cg23506944	EFCAB5;SSH2	0.0521825	0.0129481	0.494985	-2.02026	0.945796	1.01562	1.01562	0.99684	0.999097	-1.0009	0.167822	1.39813	1.39813	0.372133	1.23232	1.23232	0.809126	1.05672	1.05672	0.00674959	0.449043	-2.22696	0.422064	1.20559	1.20559	0.677672	1.09998	1.09998	3.33336	2.74387	0.731693	1
cg18959966	SMARCA1;SMARCA1	0.0521834	0.0270856	0.170155	-5.877	0.0177724	0.14217	-7.03383	0.747849	1.24397	1.24397	0.0460583	4.69863	4.69863	0.148287	0.350094	-2.85638	0.0587874	0.235817	-4.24057	0.75332	0.807848	-1.23786	0.689368	1.31252	1.31252	0.997978	0.998286	-1.00172	3.33333	24.1843	6.44915	1
cg25701364	TRIM27	0.052185	0.0841572	0.707676	-1.41308	0.00277148	2.11	2.11	0.310656	0.827103	-1.20904	0.476096	1.14011	1.14011	0.827423	0.961262	-1.0403	0.528932	0.890983	-1.12236	0.62769	1.09247	1.09247	0.847523	1.03545	1.03545	0.153756	0.758546	-1.31831	3.3333	1.72869	0.460988	1
cg11553635	ZNF485	0.0521856	0.0397626	0.395883	-2.526	0.95982	1.01983	1.01983	0.338622	0.680817	-1.46882	0.677176	1.17726	1.17726	0.126248	0.524766	-1.90561	0.357415	1.44616	1.44616	0.0086404	0.271179	-3.6876	0.732914	1.14284	1.14284	0.0161035	0.317318	-3.15141	3.33328	8.02046	2.13882	1
cg13585586	ALDOB	0.0521857	0.0172146	0.372657	-2.68343	0.43719	0.763724	-1.30937	0.125138	0.568624	-1.75863	0.0458479	0.459121	-2.17808	0.0138766	0.355609	-2.81207	0.103026	0.54522	-1.83412	0.10777	0.550529	-1.81644	0.349736	0.72082	-1.38731	0.00935548	0.325996	-3.06753	3.33328	6.10615	1.62833	1
cg01215061	TGIF2LX;TGIF2LX	0.0521862	0.00977343	0.0841136	-11.8887	0.289507	0.43472	-2.30033	0.0832126	0.23382	-4.27679	0.370549	2.00719	2.00719	0.0767849	0.225079	-4.44289	0.336186	2.11996	2.11996	0.709984	1.32716	1.32716	0.940756	1.05794	1.05794	0.0182064	0.113919	-8.77819	3.33327	30.3099	8.08281	1
cg01456691	NEDD9;NEDD9	0.0521862	0.959525	0.989969	-1.01013	0.221946	0.774915	-1.29046	0.730532	0.933625	-1.07109	0.1192	0.714687	-1.39921	0.00402221	0.464104	-2.15469	0.2877	0.803096	-1.24518	0.525455	1.13634	1.13634	0.426436	1.17506	1.17506	0.0150744	0.55246	-1.81009	3.33327	2.08323	0.555539	1
cg26859841	DUSP5P	0.0521874	0.0274363	31.6747	31.6747	0.030534	28.9906	28.9906	0.130256	8.71312	8.71312	0.0628487	15.9978	15.9978	0.130799	8.68242	8.68242	0.0408136	22.8211	22.8211	0.0170244	47.1835	47.1835	0.0238846	35.5394	35.5394	0.983802	0.973466	-1.02726	3.33324	92.6328	24.7028	1
cg05970437	KLF16	0.052191	0.173058	0.58266	-1.71627	0.89219	0.950734	-1.05182	0.257984	0.64419	-1.55234	0.73028	0.879031	-1.13762	0.505468	0.77745	-1.28626	0.694994	1.15813	1.15813	0.0874202	2.0198	2.0198	0.00237129	4.85035	4.85035	0.980442	0.990909	-1.00917	3.33315	7.32731	1.95406	1
cg05733554	C14orf37	0.0521919	0.850291	1.04681	1.04681	0.259858	0.752325	-1.32921	0.169846	0.701852	-1.4248	0.0678036	0.609366	-1.64105	0.0180979	0.499039	-2.00385	0.184376	0.711114	-1.40624	0.477601	1.19105	1.19105	0.249171	1.33862	1.33862	0.030565	1.8502	1.8502	3.33313	3.09492	0.825364	1
ch.1.659794R	UBR4	0.052192	0.0398477	0.485395	-2.06018	0.578864	1.18597	1.18597	0.790995	1.08415	1.08415	0.0413434	0.488787	-2.04588	0.23622	0.685524	-1.45874	0.00275071	0.28454	-3.51445	0.362427	0.752193	-1.32945	0.634031	0.864249	-1.15707	0.77076	1.09295	1.09295	3.33313	4.88511	1.30278	1
cg20025630	BAT5	0.0521933	0.256222	0.632099	-1.58203	0.412733	1.38283	1.38283	0.044598	2.44139	2.44139	0.0354245	0.387528	-2.58046	0.0282368	0.366882	-2.72567	0.101259	0.499302	-2.0028	0.0544501	0.429731	-2.32704	0.867101	1.06697	1.06697	0.607315	0.81821	-1.22218	3.33309	7.9083	2.10903	1
cg06590662	TMCO7	0.0521934	0.519943	1.25238	1.25238	0.00505294	3.59371	3.59371	0.0369147	2.30759	2.30759	0.0536787	2.12965	2.12965	0.430194	0.757428	-1.32026	0.569285	0.819997	-1.21952	0.116516	1.80119	1.80119	0.432494	0.758519	-1.31836	0.999398	0.99974	-1.00026	3.33309	6.28436	1.67595	1
cg22157494	KIAA0562;DFFB	0.0521942	0.927085	0.968748	-1.03226	0.0307692	2.41101	2.41101	0.415906	1.33434	1.33434	0.0106534	3.04596	3.04596	0.849988	1.06789	1.06789	0.388089	0.735757	-1.35914	0.357483	0.720172	-1.38856	0.664499	0.859528	-1.16343	0.0144974	2.84291	2.84291	3.33307	6.35201	1.694	1
cg14492773	GPBP1;GPBP1;GPBP1;GPBP1	0.052196	0.702282	0.94806	-1.05479	0.749822	1.04543	1.04543	0.567275	1.08362	1.08362	0.32139	0.867382	-1.15289	0.128981	0.796253	-1.25588	0.719119	0.951082	-1.05143	0.118721	0.790417	-1.26516	0.384612	1.13179	1.13179	0.00155843	0.531791	-1.88044	3.33303	1.01812	0.271523	1
cg00369716	PPRC1	0.0521966	0.488589	0.939329	-1.06459	0.00688319	1.36513	1.36513	0.327439	1.0941	1.0941	0.975005	0.997217	-1.00279	0.746675	1.02925	1.02925	0.870509	1.01462	1.01462	0.00914253	0.744879	-1.3425	0.448762	1.07108	1.07108	0.686271	1.03678	1.03678	3.33301	0.417753	0.111412	1
cg08644841	FAM149A	0.0521974	0.00418092	0.586178	-1.70597	0.263372	0.850196	-1.1762	0.184818	1.21623	1.21623	0.658301	0.93993	-1.06391	0.936187	0.988917	-1.01121	0.0436685	0.724125	-1.38098	0.045318	0.72645	-1.37656	0.732573	0.953381	-1.0489	0.127167	0.794846	-1.25811	3.33299	1.02263	0.272729	1
cg26314531	FAM59B	0.0521982	0.0341386	61.7323	61.7323	0.0442535	47.1694	47.1694	0.336801	5.21485	5.21485	0.0867791	23.4404	23.4404	0.220299	8.57777	8.57777	0.404519	4.14702	4.14702	0.0331632	63.6195	63.6195	0.00755232	308.513	308.513	0.0185965	116.571	116.571	3.33297	146.805	39.1522	1
cg17400235	MAD1L1;MAD1L1;MAD1L1	0.0521992	0.292323	0.817787	-1.22281	0.487372	1.13873	1.13873	0.589972	1.10535	1.10535	0.487878	0.878309	-1.13855	0.506286	0.88324	-1.1322	0.0495916	1.51051	1.51051	0.00234021	2.18607	2.18607	0.462507	0.871359	-1.14763	0.815033	1.04409	1.04409	3.33295	1.78937	0.477221	1
cg15141217	SLC6A1	0.0521993	0.942631	1.0189	1.0189	0.0396976	1.85667	1.85667	0.0348327	1.89637	1.89637	0.420439	0.807228	-1.23881	0.133096	0.656004	-1.52438	0.063212	1.72219	1.72219	0.0179859	2.11253	2.11253	0.171641	1.46026	1.46026	0.98883	1.00365	1.00365	3.33295	3.5731	0.952937	1
cg04629595	CCDC33	0.0521996	0.330886	0.748013	-1.33688	0.019101	0.440066	-2.27239	0.0367283	0.495466	-2.0183	0.0845733	1.73683	1.73683	0.0399896	0.503109	-1.98764	0.399501	1.28351	1.28351	0.957109	1.01569	1.01569	0.382765	1.29566	1.29566	0.460609	1.24282	1.24282	3.33294	4.42058	1.17896	1
cg02150363	DNAI2	0.0522007	0.188234	0.664013	-1.506	0.650326	0.874574	-1.14341	0.00411235	0.322927	-3.09668	0.521778	0.826397	-1.21007	0.0213704	0.443902	-2.25275	0.388528	0.771415	-1.29632	0.807305	1.0744	1.0744	0.0243626	0.45478	-2.19887	0.0800756	0.565367	-1.76876	3.33291	4.55237	1.21412	1
cg01271376	LEMD3;LEMD3	0.0522012	0.150162	0.737859	-1.35527	0.0487455	0.641726	-1.5583	0.18253	0.75669	-1.32155	0.150416	0.738018	-1.35498	0.0282049	0.600076	-1.66646	0.912969	1.02178	1.02178	0.00501759	0.481138	-2.07841	0.0225177	0.583603	-1.71349	0.304117	0.810786	-1.23337	3.3329	2.0502	0.546792	1
cg09091766	ARHGAP17;ARHGAP17	0.0522023	0.0367949	0.350133	-2.85605	0.60405	0.797438	-1.25402	0.0257402	0.317929	-3.14536	0.146119	0.509135	-1.96412	0.0141152	0.269663	-3.70834	0.0981426	0.45616	-2.19221	0.0274484	0.323512	-3.09107	0.929402	1.03908	1.03908	0.027813	0.32467	-3.08005	3.33287	9.88097	2.63529	1
cg22810489	ERCC1;ERCC1;ERCC1	0.0522029	0.0405231	0.665111	-1.50351	0.423466	0.868548	-1.15135	0.651978	1.08141	1.08141	0.0323855	1.5401	1.5401	0.3797	0.856116	-1.16807	0.731957	1.06106	1.06106	0.00918479	0.565391	-1.76869	0.165906	0.775138	-1.29009	0.757965	1.05473	1.05473	3.33286	1.56868	0.418375	1
cg00447052	SCRT1	0.0522033	0.0423185	15.0285	15.0285	0.0277569	20.3764	20.3764	0.0645693	11.0873	11.0873	0.100513	8.04268	8.04268	0.026669	20.9759	20.9759	0.301977	3.45264	3.45264	0.0282908	20.097	20.097	0.0156948	30.9216	30.9216	0.0517743	12.9986	12.9986	3.33285	70.8771	18.9033	1
cg00500213	LZTR1	0.0522058	0.0233355	0.523827	-1.90903	0.49458	1.17996	1.17996	0.066841	0.612504	-1.63264	0.0108002	2.14672	2.14672	0.779076	1.0694	1.0694	0.727808	1.08694	1.08694	0.545509	0.864189	-1.15715	0.985597	1.00432	1.00432	0.120513	0.669135	-1.49447	3.33279	3.00455	0.801344	1
cg22024120	FLOT1	0.0522065	0.0322427	0.149407	-6.69314	0.0720983	0.218323	-4.58036	0.0491234	0.1822	-5.48847	0.0747781	0.222125	-4.50197	0.0119214	0.0926647	-10.7916	0.106622	0.263009	-3.80216	0.0116761	0.0917241	-10.9023	0.212705	0.369749	-2.70454	0.0786552	0.227507	-4.39547	3.33277	30.3328	8.0901	1
cg12607514	ZBTB9	0.0522074	0.803455	1.09065	1.09065	0.0994218	1.87475	1.87475	0.138193	1.74277	1.74277	0.0445872	0.448189	-2.2312	0.543718	1.23846	1.23846	0.743793	1.1209	1.1209	0.012898	0.341539	-2.92792	0.921547	1.03487	1.03487	0.0579654	0.474338	-2.1082	3.33275	6.39198	1.70483	1
cg21074535	GUCY2E	0.0522083	0.143656	0.766222	-1.30511	0.103348	1.35246	1.35246	0.0373427	0.663971	-1.50609	0.887945	0.97639	-1.02418	0.238872	0.811353	-1.23251	0.0595738	1.43382	1.43382	0.0779288	1.39373	1.39373	0.698827	0.936234	-1.06811	0.0706495	1.40827	1.40827	3.33273	1.51603	0.404347	1
cg04612869	FAM13A	0.0522088	0.0978201	0.816434	-1.22484	0.767674	1.03363	1.03363	0.0643782	0.792916	-1.26117	0.47334	0.921791	-1.08484	0.00212443	0.617432	-1.61961	0.263462	0.877945	-1.13902	0.726159	0.961496	-1.04005	0.408928	0.910001	-1.0989	0.0302786	0.752458	-1.32898	3.33271	0.658141	0.175537	1
cg24459759	PYY	0.0522098	0.0142025	0.599226	-1.66882	0.420195	0.869868	-1.1496	0.534569	1.11235	1.11235	0.0382292	0.665922	-1.50168	0.0396595	0.668501	-1.49589	0.0214214	0.626315	-1.59664	0.6631	1.07703	1.07703	0.577124	1.10005	1.10005	0.5957	1.09489	1.09489	3.33269	1.51258	0.403431	1
cg24511325	ZBTB22;ZBTB22	0.0522099	0.894904	1.01991	1.01991	0.481292	1.11269	1.11269	0.0288978	0.680936	-1.46857	0.479502	0.89832	-1.11319	0.162521	1.24909	1.24909	0.716201	1.05597	1.05597	0.00531573	0.57817	-1.72959	0.796416	1.03932	1.03932	0.171139	1.2428	1.2428	3.33269	1.17449	0.313259	1
cg23258065	TBC1D20	0.052211	0.401663	1.65902	1.65902	0.516	0.678134	-1.47463	0.611147	0.739042	-1.3531	?	?	?	0.00239828	0.0825137	-12.1192	?	?	?	0.142506	0.39467	-2.53376	0.348136	0.565705	-1.76771	0.162921	0.415446	-2.40705	3.44164	14.7457	4.89656	1
cg13098366	NOM1	0.0522118	0.109367	0.76925	-1.29997	0.0654524	0.732913	-1.36442	0.833435	0.968849	-1.03215	0.0403422	0.700537	-1.42748	0.086466	0.752318	-1.32923	0.00334637	0.548798	-1.82216	0.517137	1.10373	1.10373	0.423767	0.884466	-1.13063	0.120462	0.776387	-1.28802	3.33264	1.19197	0.317925	1
cg00565263	TINAGL1	0.0522136	0.0864287	1.4952	1.4952	0.0148085	1.89042	1.89042	0.588558	1.12298	1.12298	0.162397	1.37268	1.37268	0.423993	1.18936	1.18936	0.284723	1.26617	1.26617	0.0177354	1.84483	1.84483	0.0451125	0.613704	-1.62945	0.607294	1.11639	1.11639	3.3326	2.38064	0.634979	1
cg02526986	RFX6	0.0522143	0.154215	0.566448	-1.76539	0.47552	1.31047	1.31047	0.642434	1.19034	1.19034	0.665929	0.850556	-1.1757	0.589477	0.816277	-1.22507	0.697145	1.15689	1.15689	0.445083	0.748197	-1.33655	0.00138701	5.62479	5.62479	0.662269	1.17795	1.17795	3.33258	7.32929	1.95492	1
cg25136495	LPAR5;LPAR5	0.0522144	0.0266123	32.7442	32.7442	0.121316	9.30125	9.30125	0.136401	8.41855	8.41855	0.20823	5.82134	5.82134	0.109892	10.1116	10.1116	0.425315	2.94731	2.94731	0.039972	23.3826	23.3826	0.00634231	111.946	111.946	0.0159601	50.2696	50.2696	3.33258	93.0364	24.8153	1
cg07849302	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0522146	0.347275	1.59294	1.59294	0.942255	1.03547	1.03547	0.632576	1.26078	1.26078	0.878	0.928765	-1.0767	0.355871	0.633262	-1.57913	0.85308	0.914676	-1.09328	0.955635	1.02713	1.02713	0.000928925	0.0926989	-10.7876	0.972924	0.983805	-1.01646	3.33257	12.2153	3.25817	1
cg05713859	PCBD2	0.052216	0.133336	0.797475	-1.25396	0.00134936	0.521688	-1.91685	0.18968	0.823535	-1.21428	0.374799	1.13577	1.13577	0.600026	0.928722	-1.07675	0.466445	1.10913	1.10913	0.58957	0.926709	-1.07909	0.354435	0.875338	-1.14242	0.837965	0.971788	-1.02903	3.33254	1.03091	0.274976	1
cg20741620	AGRN	0.0522168	0.026681	0.438557	-2.2802	0.12785	0.596483	-1.67649	0.144454	0.611376	-1.63565	0.0245913	0.431576	-2.31709	0.00625256	0.326804	-3.05994	0.475518	0.796328	-1.25576	0.0322555	0.45518	-2.19693	0.887778	1.04532	1.04532	0.225226	0.670463	-1.49151	3.33252	5.19971	1.38693	1
cg04385420	COX4NB;COX4NB	0.0522181	0.226992	0.639469	-1.5638	0.0767852	0.499684	-2.00126	0.174057	0.600652	-1.66486	0.301191	1.4588	1.4588	0.0232433	0.384344	-2.60184	0.48299	0.777773	-1.28572	0.0058898	0.280766	-3.56169	0.947391	0.977007	-1.02353	0.0476856	0.450118	-2.22164	3.33249	6.55833	1.74933	1
cg00166653	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.0522189	0.697367	0.904694	-1.10535	0.0322009	0.525737	-1.90209	0.0134618	0.456501	-2.19058	0.776758	1.07558	1.07558	0.0327154	0.52707	-1.89728	0.332209	1.29226	1.29226	0.040485	0.545288	-1.83389	0.99215	0.997482	-1.00252	0.0714036	0.596872	-1.6754	3.33247	3.46696	0.924764	1
cg14950576	PSMA1;PSMA1;PSMA1	0.0522194	0.0101879	0.620133	-1.61256	0.258024	0.840247	-1.19013	0.272226	1.18358	1.18358	0.629396	0.9308	-1.07435	0.191565	1.22618	1.22618	0.0783447	1.33429	1.33429	0.902507	0.98209	-1.01824	0.265949	0.842863	-1.18643	0.0528403	1.38342	1.38342	3.33245	1.14788	0.306181	1
cg13472882	APBA1	0.0522204	0.428586	0.907737	-1.10164	0.0391427	1.331	1.331	0.370523	0.895704	-1.11644	0.0135443	1.44197	1.44197	0.555773	1.07398	1.07398	0.100237	1.24074	1.24074	?	?	?	0.100095	0.805886	-1.24087	0.578007	0.934903	-1.06963	3.38092	0.68288	0.201981	1
cg04273556	PIGO;PIGO	0.0522235	0.00770844	0.641859	-1.55798	0.244681	1.17072	1.17072	0.9665	1.00545	1.00545	0.327691	1.1398	1.1398	0.271699	1.15974	1.15974	0.454012	0.90594	-1.10383	0.36136	1.12922	1.12922	0.0852099	1.2795	1.2795	0.0370766	1.36825	1.36825	3.33235	0.885297	0.236149	1
cg04332433	MUC4;MUC4;MUC4	0.0522255	0.0460234	0.168231	-5.9442	0.347871	0.470747	-2.12428	0.592652	0.656408	-1.52344	0.405075	0.514756	-1.94267	0.0133957	0.0918577	-10.8864	0.0171132	0.103783	-9.63546	0.0163485	0.101456	-9.85651	0.0253388	0.125891	-7.94337	0.2137	0.36036	-2.775	3.33231	32.0706	8.5548	1
cg09146903	COL1A2	0.0522275	0.0353937	5.59949	5.59949	0.302027	2.12102	2.12102	0.115027	3.33697	3.33697	0.440299	0.574981	-1.73919	0.847838	1.14463	1.14463	0.491458	0.611772	-1.63459	0.0473128	4.93246	4.93246	0.0571754	4.54102	4.54102	0.00702711	11.5962	11.5962	3.33226	26.0977	6.96163	1
cg15741482	C10orf78;C10orf78	0.0522288	0.834925	0.947829	-1.05504	0.0751642	1.66327	1.66327	0.00278348	2.88274	2.88274	0.476597	0.830405	-1.20423	0.886201	1.03745	1.03745	0.765438	1.07985	1.07985	0.0969965	0.626422	-1.59637	0.486011	0.833797	-1.19933	0.378746	1.26097	1.26097	3.33223	3.47958	0.928196	1
cg15818895	C18orf25;C18orf25;C18orf25;C18orf25	0.0522292	0.698728	0.910043	-1.09885	0.549989	1.15788	1.15788	0.141493	1.46696	1.46696	0.840822	1.04995	1.04995	0.0692611	1.63658	1.63658	0.111307	1.52257	1.52257	0.331843	0.784544	-1.27463	0.00463119	0.401309	-2.49185	0.826667	1.05459	1.05459	3.33222	3.10016	0.826987	1
cg24891986	WDR75	0.05223	0.201147	0.504689	-1.98142	0.059468	2.93747	2.93747	?	?	?	0.088703	2.58866	2.58866	0.0316184	0.279029	-3.58385	0.0846577	0.380613	-2.62734	0.105804	0.408663	-2.44701	0.847523	1.10242	1.10242	0.584157	1.32308	1.32308	3.38067	12.2107	3.61192	1
cg13434852	DOCK1	0.0522302	0.402729	0.855867	-1.16841	0.021764	1.64963	1.64963	0.265239	0.809755	-1.23494	0.300256	0.822751	-1.21543	0.269478	0.811388	-1.23246	0.870862	0.970863	-1.03001	0.00588767	1.92511	1.92511	0.918717	0.981618	-1.01873	0.595127	0.907117	-1.10239	3.33219	1.74335	0.465054	1
cg09463204	FMN1	0.0522307	0.715785	0.893052	-1.11976	0.00731751	0.343125	-2.91439	0.00583862	0.327433	-3.05406	0.95517	1.01754	1.01754	0.40705	0.769241	-1.29998	0.601111	0.849447	-1.17724	0.559885	0.833298	-1.20005	0.0588642	0.516846	-1.93481	0.0564339	0.512674	-1.95056	3.33218	5.04966	1.34704	1
cg17483139	GNB1;GNB1	0.0522329	0.711452	0.952948	-1.04938	0.626783	0.938415	-1.06563	0.417343	0.898066	-1.1135	0.498691	0.914764	-1.09318	0.0492712	0.74744	-1.3379	0.86652	1.02206	1.02206	0.00252476	0.580475	-1.72273	0.331779	0.878198	-1.1387	0.0888139	1.27567	1.27567	3.33213	0.887946	0.236871	1
cg22161376	C15orf61	0.0522331	0.161398	0.308308	-3.24351	0.149902	0.296858	-3.36862	0.513674	0.59386	-1.6839	0.772219	0.795838	-1.25654	0.0533403	0.177839	-5.62306	0.754675	1.2797	1.2797	0.00256014	0.037211	-26.8738	0.353788	2.11828	2.11828	0.0854633	0.224082	-4.46265	3.33212	32.6666	8.71428	1
cg12614090	ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.0522334	0.0109579	0.425425	-2.35059	0.0625752	0.570625	-1.75246	0.797044	0.933335	-1.07143	0.187157	0.68779	-1.45393	0.0171231	0.459372	-2.17689	0.372802	0.782752	-1.27754	0.0125692	0.43566	-2.29537	0.0683136	0.57903	-1.72703	0.116607	0.633541	-1.57843	3.33211	3.78203	1.00891	1
cg21786873	TMEM128	0.0522341	0.501327	0.90204	-1.1086	0.081751	1.33829	1.33829	0.550304	1.09559	1.09559	0.519136	1.10376	1.10376	0.207264	1.2225	1.2225	0.310704	0.853465	-1.17169	0.0142335	0.633316	-1.57899	0.0867907	1.33073	1.33073	0.0392212	1.43393	1.43393	3.3321	1.20429	0.321262	1
cg19507267	C3orf66	0.0522344	0.00733641	0.233433	-4.28388	0.0208289	0.310085	-3.22492	0.0562788	0.402571	-2.48403	0.338328	0.660038	-1.51506	0.131045	0.503445	-1.98631	0.877023	0.936896	-1.06735	0.651369	1.21103	1.21103	0.213903	1.73474	1.73474	0.19527	0.561801	-1.77999	3.33209	9.35044	2.49438	1
cg18993757	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.0522348	0.467009	0.885044	-1.12989	0.00704404	1.77666	1.77666	0.0498389	1.44643	1.44643	0.318782	1.18531	1.18531	0.943731	1.01171	1.01171	0.29733	1.19514	1.19514	0.112464	1.3299	1.3299	0.0085195	1.74008	1.74008	0.486249	1.12382	1.12382	3.33208	1.43662	0.383244	1
cg23717686	PIGT;PIGT	0.0522357	0.131692	1.63436	1.63436	0.278401	0.713002	-1.40252	0.183359	0.653755	-1.52962	0.881474	1.04552	1.04552	0.0406582	2.05715	2.05715	0.172742	1.54818	1.54818	0.284497	0.716319	-1.39603	0.969003	0.988474	-1.01166	0.00934533	0.359892	-2.77861	3.6113	4.98353	1.07332	1
cg06941335	RGS7	0.0522373	0.646911	0.937578	-1.06658	0.00423121	0.585574	-1.70773	0.51247	0.91134	-1.09729	0.518749	0.912632	-1.09573	0.0725698	0.755795	-1.32311	0.696524	0.946696	-1.0563	0.0228225	0.683375	-1.46333	0.0864568	0.767451	-1.30302	0.0219039	0.680909	-1.46862	3.33202	1.03072	0.274967	1
cg11253957	MYO18A;MYO18A	0.0522374	0.386616	1.2203	1.2203	0.0895018	1.52194	1.52194	0.635031	1.11323	1.11323	0.147139	1.41765	1.41765	0.0738533	0.639562	-1.56357	0.656068	1.10578	1.10578	0.00888962	2.11039	2.11039	0.0236456	1.83329	1.83329	0.151887	1.41111	1.41111	3.33202	2.65576	0.708483	1
cg10082647	C12orf23	0.0522378	0.0227825	4.32411	4.32411	0.213853	2.02022	2.02022	0.480097	1.47061	1.47061	0.0724222	2.93603	2.93603	0.861988	0.910749	-1.098	0.384036	0.619059	-1.61535	0.0169092	0.20898	-4.78516	0.0841828	2.79134	2.79134	0.728335	1.20605	1.20605	3.332	15.2335	4.06388	1
cg00467904	ZC3H3	0.052239	0.15358	0.77397	-1.29204	0.0924312	0.73304	-1.36418	0.489606	0.888963	-1.12491	0.402995	0.866307	-1.15433	0.243091	0.814781	-1.22732	0.0371626	1.50038	1.50038	0.0113847	1.701	1.701	0.315592	0.840292	-1.19006	0.729579	0.943467	-1.05992	3.33198	1.48398	0.395888	1
cg15345369	RRM2;RRM2	0.0522404	0.094517	1.42797	1.42797	0.0162994	1.7671	1.7671	0.0547943	1.52534	1.52534	0.0429648	1.57066	1.57066	0.318332	1.22131	1.22131	0.146716	1.35245	1.35245	0.877861	1.03026	1.03026	0.00853474	1.91658	1.91658	0.0341643	1.61465	1.61465	3.33194	1.98276	0.528957	1
cg16306515	MARS	0.0522408	0.0415266	7.38736	7.38736	0.0297332	0.111437	-8.9737	?	?	?	?	?	?	0.0856519	4.90441	4.90441	?	?	?	0.67938	1.39923	1.39923	0.872157	0.878145	-1.13876	?	?	?	4.29776	23.4331	6.54289	1
cg00466873	DUS2L;DDX28	0.0522428	0.0177395	0.74078	-1.34993	0.166691	1.16583	1.16583	0.0418623	1.27643	1.27643	0.937747	1.00816	1.00816	0.140474	1.17941	1.17941	0.972868	0.996467	-1.00355	0.0440624	0.786031	-1.27221	0.389934	0.912397	-1.09601	0.407698	1.09213	1.09213	3.33188	0.571461	0.152456	1
cg07198345	HEPH;HEPH;HEPH	0.0522443	0.057406	0.142433	-7.02086	0.098128	0.192992	-5.18156	0.21961	0.310211	-3.22362	0.240863	0.328458	-3.04453	0.0784103	0.169862	-5.88712	0.205875	0.298192	-3.35354	0.248903	0.335265	-2.98271	0.0025608	0.022529	-44.3872	0.0221698	0.0831847	-12.0214	3.33185	43.3877	11.5752	1
cg21000165	HNRNPA1L2;HNRNPA1L2	0.052245	0.0499483	0.800055	-1.24991	0.20296	0.874501	-1.14351	0.0265411	0.769237	-1.29999	0.215387	0.877998	-1.13895	0.744366	1.03319	1.03319	0.144709	1.16918	1.16918	0.297531	1.11378	1.11378	0.257211	0.888711	-1.12523	0.0426536	1.2622	1.2622	3.33183	0.52535	0.140157	1
cg07717763	SH2D5;SH2D5	0.0522451	0.080951	0.741773	-1.34812	0.0533065	0.71257	-1.40337	0.855407	0.972235	-1.02856	0.369028	0.86726	-1.15306	0.432254	1.1317	1.1317	0.435819	0.884507	-1.13057	0.00796317	0.591478	-1.69068	0.154161	1.26551	1.26551	0.03851	0.6907	-1.44781	3.33183	1.2574	0.335457	1
cg18447121	TATDN1;TATDN1;TATDN1	0.0522454	0.954172	1.0297	1.0297	0.145454	0.451155	-2.21653	0.0242008	0.254536	-3.92871	0.82724	1.11772	1.11772	0.167553	0.472819	-2.11498	0.526313	0.721139	-1.3867	0.0119325	0.202405	-4.94059	0.104283	2.47003	2.47003	0.0439367	0.307608	-3.25089	3.33182	13.6812	3.64997	1
cg22967284	SLIT1	0.0522458	0.984227	0.993367	-1.00668	0.35363	0.725211	-1.37891	0.2726	0.680845	-1.46876	0.057996	2.05736	2.05736	0.0030255	3.92809	3.92809	0.127148	1.74262	1.74262	0.409821	1.32812	1.32812	0.426808	1.31411	1.31411	0.150446	1.68016	1.68016	3.33181	5.98058	1.59555	1
cg17051124	PTPRN2;PTPRN2;PTPRN2	0.0522462	0.39426	1.16616	1.16616	0.034078	0.646808	-1.54605	0.196697	0.786268	-1.27183	0.371467	1.17546	1.17546	0.0281014	0.633243	-1.57917	0.88623	1.02554	1.02554	0.00656175	0.536873	-1.86264	0.593041	0.909344	-1.09969	0.220024	0.796781	-1.25505	3.3318	1.63757	0.436885	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg27210166	RPTOR;RPTOR	0.0522471	0.0460503	0.58327	-1.4787	0.0598619	1.43919	0.14919	0.0154708	1.66464	1.66464	0.624694	0.918892	-1.08827	0.129445	1.32453	1.32453	0.530083	0.831745	-1.2023	0.393511	1.16178	1.16178	0.2569991	1.22503	1.22503	0.261328	0.81794	1.22528	0.33178	1.55309	0.414349	1
cg06264679	PPT2;PPT2	0.0524995	0.775903	1.08869	1.08869	0.54567	1.19972	1.19972	0.00165547	3.82087	3.82087	0.012581	2.34698	2.34698	0.934438	1.02483	1.02483	0.524778	1.21155	1.21155	0.53434	1.20608	1.20608	0.860631	0.940021	-1.05372	0.163967	1.55617	1.55617	0.31172	4.67796	1.24806	1
cg08910705	IL7	0.0522504	0.0715316	2.13704	2.13704	0.633815	0.8434348	-1.19854	0.183863	0.587403	-1.70241	0.167685	0.5741	-1.74186	0.900057	1.04856	1.04856	0.0142838	0.319737	-3.12757	0.047382	2.34694	2.34694	0.882472	0.05741	1.05741	0.093803	0.4988888	-2.00446	3.3317	7.51465	2.00489	1
cg27642470	DCBLD1	0.0522508	0.345024	1.65139	1.65139	0.0771791	2.55731	2.55731	0.583945	1.54979	-1.32454	0.87016	0.108803	0.06880244	0.858302	2.85802	2.85802	0.0255772	1.92779	1.92779	0.00564916	6.50808	6.50808	0.0282236	3.80488	3.80488	0.677227	1.24097	1.33169	0.642062	3.74482	1
cg19132213	COL12A1;COL12A1	0.0522508	0.165616	0.799107	-1.2514	0.117192	1.29446	1.29446	0.0202957	1.52861	0.5585603	0.719980	-1.38891	0.396747	1.14066	1.14066	1.14066	0.0487836	0.710851	-1.40676	0.657682	0.934602	-1.06997	0.973836	0.995038	-1.00499	0.211094	2.22119	1.22119	0.33169	1.213609	0.323811	1
cg26030610	MAGI3;MAGI3	0.0522527	0.323726	0.742342	-1.34709	0.2234815	2.20585	2.20585	0.60063	1.16697	1.16697	0.959644	1.0149	1.0149	0.8100333	0.72294	1.07235	0.2700259	0.714818	-1.39806	0.0560582	0.532229	1.87889	0.0111711	0.53357	2.53357	0.283443	1.385111	1.38611	0.31664	4.50921	1.20307	1
cg11588883	DNAJC11	0.0522576	0.0850303	0.414622	-2.41184	0.144337	0.4843334	-2.06469	0.078442	0.4050958	-2.46878	0.270241	0.588178	-1.70016	0.0153365	0.252623	-3.95847	0.0105581	0.226017	-4.42444	0.0149646	0.2507797	-3.98728	0.216718	0.548302	-1.82381	0.0511054	0.3580272	-2.79273	0.33152	11.2774	3.00893	1
cg04637419	CSorf43	0.0522578	0.0166053	1.64953	1.64953	0.385317	0.8188566	1.1646	0.0577313	1.44091	1.44091	0.141164	1.31118	1.31118	0.0574797	1.43403	1.43403	0.953731	1.00998	1.00998	0.138874	1.31441	1.31441	0.0548548	0.6248408	-1.45178	0.3115552	1.19461	1.19461	0.3315	1.54649	0.412623	1
cg00995520	KCNA3	0.0522586	0.893606	1.08899	1.08899	0.354436	1.83483	1.83483	0.1118113	2.94773	2.94773	0.146027	2.69593	2.69593	0.00731581	0.110451	-9.05379	0.4924555	0.641375	-1.55915	0.155411	0.379644	-2.63405	0.092334	0.307194	-3.25227	0.170054	0.394152	-2.53709	0.3315	21.4163	5.71417	1
cg19394782	PSG3;PSG3	0.0522586	0.0063303	0.14313	-6.98665	0.0760139	0.3396657	-2.94414	0.0955877	0.367418	-2.7217	0.0582182	0.310162	-3.22412	0.703791	0.811467	-1.23234	0.0137814	0.189184	-5.28587	0.928198	0.9519931	-1.05053	0.114022	0.39053	-2.56062	0.0695203	0.329465	-3.03522	0.3315	15.7814	4.21069	1
cg27278057	ZBTB46	0.0522587	0.766877	1.087202	1.087202	0.0001504	0.1529194	0.65496	0.0019098	2.33203	2.33203	0.015264	1.94803	1.94803	0.0128313	0.515268	-1.94099	0.1516588	0.130276	-7.67426	0.163886	0.189355	5.279431	0.0774301	1.01546	1.01546	0.992892	1.05584	1.05584	0.3315	8.55095	2.28151	1
cg26370078	MUL1	0.0522591	0.253644	0.415592	-2.4062	0.0221647	0.0415873	-24.0458	0.405183	0.534043	-1.87251	0.714243	1.3111	1.3111	0.199576	0.288228	-3.46394	0.119563	0.288222	-3.46955	0.0293749	0.151088	-6.61865	0.196222	0.365483	-2.73611	0.130131	0.2099551	-3.33388	0.33149	28.6228	7.63699	1
cg24135615	LASP1	0.0522606	0.118163	0.583139	-1.71502	0.0411483	0.4762325	2.09985	0.0779073	0.655314	-1.52599	0.987553	1.00645	1.00645	0.824237	0.912432	-1.09597	0.344883	0.736137	-1.35804	0.0116078	0.370234	2.70064	0.342576	1.00916	1.00916	0.285589	0.705788	-1.41686	0.33145	5.23124	1.39579	1
cg20707091	NKX2-2	0.0522609	0.0160517	0.296984	-3.36718	0.00200329	0.165847	-6.02954	0.0307763	0.655314	-1.52599	0.987553	1.00645	1.00645	0.824237	0.912432	-1.09597	0.54712	0.7780313	-1.28533	0.745668	0.8745197	-1.14349	0.668584	1.19413	1.19413	0.7466051	1.14325	1.14325	0.33144	8.9552	2.38941	1
cg10204101	FNBP1L;FNBP1L;FNBP1L	0.0522611	0.170327	0.898112	-1.11343	0.691134	1.029182	1.029182	0.02988	1.42068	1.42068	0.011148	1.1148	1.1148	0.263128	1.09797	1.09797	0.2777775	1.08659	1.08659	0.0229071	1.22173	1.22173	0.8334	0.9846521	-1.01562	0.0878244	1.1487	1.1487	0.33144	0.2856662	0.0762198	1
cg07028533	CNTNAP2	0.0522617	0.1828394	1.390011	1.390011	0.497887	1.14969	1.14969	0.2475884	1.24661	1.24661	0.126001	1.859044	1.859044	0.964998	-1.03627	0.564233	1.12393	1.12393	1.12393	0.2000381	1.23068	1.22868	0.0225728	0.432693	-2.31112	0.178639	1.33163	1.33163	0.832765	0.958504	-1.04329	0.31542	2.11965	0.565563	1
cg17268276	ST8SIA4;ST8SIA4	0.0522621	0.246587	0.678871	-1.47303	0.00730289	0.3309335	-3.02174	0.0131035	0.373965	-2.67405	0.0386532	0.465064	-2.15024	0.719725	0.898905	-1.11246	0.374568	0.747258	-1.33823	0.0191747	0.4604163	-2.47425	0.156522	0.616019	-1.62333	0.418523	0.767778	-1.30246	0.33141	5.39158	1.43858	1
cg27226349	PRDM16;PRDM16	0.0522623	0.154648	1.69454	1.69454	0.0904473	0.402004	-2.48704	0.440024	0.4004	-2.49844	0.273524	2.73524	2.73524	0.286878	1.63865	1.63865	0.0299691	3.12781	3.12781	0.0161676	3.7211	3.7211	0.10142	2.22761	2.22761	0.316593	1.58784	1.58784	0.33141	10.5229	2.80773	1
cg00775930	PTPRM;PTPRM;PTPRM;PTPRM	0.0522633	0.033218	0.747701	-1.33743	0.0773221	1.25782	1.25782	0.052952	1.28292	1.28292	0.142899	1.892	1.892	0.533866	1.07597	1.07597	0.279952	0.870552	-1.14818	0.0580767	0.778645	1.28228	0.142524	1.12628	1.12628	0.405292	1.10457	1.10457	0.33138	0.719832	0.192067	1
cg22068211	C3orf27	0.0522654	0.0988228	0.524529	-1.90647	0.451341	1.31469	1.31469	0.105182	0.531940	-1.87988	0.215841	0.628506	-1.59107	0.035921	0.418809	-2.38721	0.245451	0.648478	-1.54207	0.00695272	0.28793	-3.47306	0.0148066	0.34333	-2.91265	0.418314	0.744633	-1.34294	0.33137	6.70673	1.78952	1
cg14964274	USHZA	0.0522663	0.960712	1.039567	-1.06001	0.0729052	0.5155	-1.9395	0.0533927	0.686558	-1.45654	0.0924878	1.37401	1.37401	0.0621316	0.541535	-1.8466	0.1743	0.0824356	-12.1305	0.127655	0.7533372	-1.32737	0.484006	0.864887	-1.15673	0.0761018	0.712244	-1.40401	0.33136	1.55596	0.416128	1
cg11630739	ACLY;ACLY	0.0522648	0.637513	0.896029	-1.11606	0.770829	1.0099	1.0099	0.15229	1.42514	1.42514	0.425679	0.828477	-1.20703	0.985542	0.880406	-1.13584	0.42896	1.20536	1.20536	0.00166312	0.355241	-2.83093	0.498708	0.853113	-1.17218	0.331172	1.26103	1.26103	0.33135	2.82307	0.753268	1
cg00495740	KCTD15;KCTD15;KCTD15	0.0522651	0.2569945	0.731376	-1.3672	0.0441483	0.476235	2.09985	0.0779073	0.655314	-1.52599	0.987553	1.00645	1.00645	0.824237	0.912432	-1.09597	0.344883	0.736137	-1.35804	0.0116078	0.370234	2.70064	0.342576	1.00916	1.00916	0.285589	0.705788	-1.41686	0.33145	5.23124	1.39579	1
cg23792364	C19orf6;C19orf6	0.052266	0.680732	1.17805	1.17805	0.159279	1.81437	1.81437	0.201559	1.70597	1.70597	0.237205	1.63304	1.63304	0.488269	1.32162	1.32162	0.106734	1.497827	2.00873	0.00506355	0.23044	-4.33952	0.505052	0.765002	-1.30719	0.205668	1.69685	1.69685	0.33132	2.57303	2.20822	1
cg01783650	PRDM16;PRDM16	0.0522667	0.139497	1.89245	1.89245	0.0539038	4.34713	4.34713	0.0774977	2.19716	2.19716	0.809566	1.10169	1.10169	0.0902496	2.46014	2.46014	0.0725886	2.23347	2.23347	0.0252573	2.9072	2.9072	0.0575526	2.36672	2.36672	0.0875397	2.13094	2.13094	0.3313	8.48945	2.26524	1
cg28299783	GTF2A1L;UPCGR	0.0522672	0.0775275	0.4496	-2.22403	0.0784553	0.5464234	2.04625	0.0779073	0.655314	-1.52599	0.987553	1.00645	1.00645	0.824237	0.912432	-1.09597	0.344883	0.736137	-1.35804	0.0116078	0.370234	2.70064	0.342576	1.00916	1.00916	0.285589	0.705788	-1.41686	0.33145	5.23124	1.39579	1
cg13275322	WAS	0.0522675	0.0149235	0.170531	-5.86402	0.720489	0.808872	-1.23652	0.379932	0.587304	-1.70269	0.145066	0.396653	-2.5211	0.0077639	0.132645	-7.53892	0.12908	0.379419	-2.63561	0.0563056	0.2788444	-3.58624	0.101289	0.346381	-2.887	0.018862	0.186234	-5.36959	0.33128	18.4215	4.91543	1
cg09063111	SELM	0.0522675	0.0288735	1.43137	1.43137	0.2668087	0.693864	1.4412	0.59083	0.693864	1.4412	0.59083	0.693864	1.4412	0.59083	0.693864	1.4412	0.754109	0.957209	-1.0447	0.533283	0.109133	9.172033	0.0137301	0.756446	-1.32197	0.354578	0.875855	-1.14174	0.33128	0.1220006	0.272717	1
cg24845380	ATP6V0E2;ATP6V0E2	0.0522685	0.804716	0.949459	-1.05323	0.727957	0.9291	-1.07585	0.215284	1.31399	1.31399	0.311784	0.803266	-1.24492	0.440408	0.848132	-1.17906	0.00222019	0.407664	-2.451	0.222909	0.7640808	-1.30752	0.47233	0.858093	-1.16537	0.0275296	0.579446	-1.72579	0.33126	2.33243	0.617031	1
cg26072006	NTAN1	0.0522705	0.906317	1.030955	1.030955	0.8273125	0.8168566	1.1646	0.0577313	1.44091	1.44091	0.141164	1.31118	1.31118	0.0574797	1.43403	1.43403	0.953731	1.00998	1.00998	0.138874	1.31441	1.31441	0.0548548	0.6248408	-1.45178	0.3115552	1.19461	1.19461	0.3315	1.54649	0.412623	1
cg09950871	ADCY9	0.0522736	0.0429197	0.599191	-1.66892	0.0214466	0.185574	1.83574	0.0493236	0.610675	-1.63753	0.807706	0.10461	1.10461	0.179852	0.731152	-1.3677	0.114533	0.14836	-6.74036	0.146874	0.1081	9.250132	0.0640848	0.11081	1.10881	0.783431	0.941232	-1.06244	0.33113	2.5495	0.680316	1
cg04998498	USP28	0.0522743	0.0124773	0.191731	-5.21693	0.0230615	0.1828055	5.47188	0.0493236	0.610675	-1.63753	0.807706	0.10461	1.10461	0.179852	0.731152	-1.3677	0.1143	0.0824356	-12.1305	0.127655	0.7533372	-1.32737	0.484006	0.864887	-1.15673	0.0761018	0.712244	-1.40401	0.33136	1.55596	0.416128	1
cg04-4.2245532F	PRDM5	0.0522744	0.388677	-1.564918	-1.77017	0.947695	1.04332	1.04332	0.0871764	0.294972	-3.39015	0.133661	0.351445	-2.84539	0.0013757	0.0497819	-20.0876	0.195772	0.412972	-2.42147	0.055594	0.2460554	-4.06415	0.371869	0.552855	-1.80879	0.509635	0.648959	-1.54093	0.33111	22.0448	5.88252	1
cg03373419	ADM2	0.0522747	0.691259	1.15783	1.15782	0.763661	0.484917	-2.06221	0.290509	0.668514	-1.49585	0.167944	1.71509	1.71509	0.0153034	0.227566	-4.39453	0.602142	0.82441	-1.21299	0.0445555	0.1998	-5.00483	0.0178626	0.33031	-3.02798	0.0115231	0.3321	0.33111	0.657566	-1.52076	0.33094	1.70978	1.89721	1
cg09163333	SNCAIP	0.0522753	0.82803	1.03687	1.03687	0.3588053	0.5643249	1.54884	0.1894842	1.34809	1.34809	0.048462	1.03317	1.03317	0.0794647	1.44824	1.44824	0.0128466	0.478988	-2.08771	0.0053002	0.2089238	0.515391	-1.9404	0.104107	0.7440008	-1.34407	0.1032443	0.7431356	1.34529	0.3309	0.8284133	0.2389	1
cg15345396	SETD1;SETD1 CD244;CD244;CD244;CD244;CD244;CD244;CD	0.0522765	0.128745	0.50844	-1.96672	0.493097	0.750687	-1.33211	0.0404637	0.377211	-2.65103	0.0200291	0.314679	-3.17785	0.0378057	0.370704	2.69757	0.0659986	0.427531	2.33901	0.882579	0.1068	9.366	0.0772626	0.3311	0.0762018	0.712244	-1.40401	0.33136	1.55596	0.416128	1
cg10106388	244	0.0522786	0.547084	1.30207	1.30207	0.00425057	2.5458	2.5458	0.387498	0.236098	2.26098	0.267458	0.933837	-1.07085	0.308144	1.57925	1.57925	0.127845	2.04037	2.04037	0.00783737	4.38516	4.38516	0.929094	0.962179	-1.03931	0.579364	1.2745	1.2745	0.33101	9.89971	2.64176	1
cg04413872	TSTA3	0.0522787	0.0834431	0.676168	-1.47892	0.00342784	0.443984	-2.25233	0.884238	0.970685	-1.0302	0.90767	0.976585	-1.02398	0.711318	0.926894	-1.07887	0.383565	0.833209	-1.20018	0.00676448	0.4882651	-2.04809	0.415061	0.843551	-1.18546	0.417608	0.844368	-1.18432	0.33101	2.20026	0.587146	1
cg20798415	KCNA1	0.0522796	0.1119313	0.744213	-1.34353	0.0944213	0.5747443	1.74028	0.0493236	0.610675	-1.63753	0.807706	0.10461	1.10461	0.179852	0.731152	-1.3677	0.142462	2.06142	2.06142	0.0465092	0.1981712	2.21712	2.21712	0.113296	2.20943	2.20943	0.276977	1.64108	1.64108	0.33099	0.9555	0.256374	1
cg18263841	ACCN1	0.0522814	0.493117	0.880489	-1.13573	0.0995862	0.5148538	-1.82303	0.00901902	0.544934	-1.83509	0.362264	0.842615	-1.18678	0.0230767	0.608422	1.6436	0.170343	0.765648	-1.30608	0.53419	0.91209	-1.09603	0.9955	1.00251	1.00251	0.994532	1.00004	1.00004	0.33098	0.0001	0.000027	1
cg09648933	CD79B;CD79B;CD79B	0.0522825	0.0730548	0.488053	-2.04833	0.0584553	0.5643142	1.77198	0.0493236	0.610675	-1.63753	0.807706	0.10461	1.10461	0.179852	0.731152	-1.3677	0.0500032	0.370053	-2.70233	0.0127407	0.2320507	4.30997	0.0145253	0.4244497	-2.35445	0.0243177	0.1540145	-6.49347	0.0608805	0.52641	0.89982	-1.11122	0.33095	4.4992	1.12485	1
cg00204649	PRDM15;PRDM15	0.0522836	0.993566	0.998479	-1.00152	0.800786	1.0489	1.0489	0.00111627	0.403945	-2.47558	0.891295	0.974512	-1.02615	0.890472	1.02636	1.02636	0.993642	0.998497	-1.00151	0.5186	1.32915	1.32915	0.961941	1.00905	1.00905	0.608458	1.10248	1.10248	0.33089	1.8807	0.501889	1
cg18155267	ARHGEF10	0.0522838	0.288560	1.88015	1.88015	0.590017	0.71428	0.71428	0.0001284	0.174457	-5.73457	0.0002962	0.171302	-5.83907	0.0001284	0.174457	-5.73457	0.4665227	1.52901	1.52901	0.0270143	3.127	3.127	0.0210135	2.09551	2.09551	0.623591	1.32772	1.32772	0.33088	13.2044	4.62323	1
cg00642501	NOP14	0.0541581	0.145493	-6.8732	0.196129	0.748782	-2.38788	0.229192	-4.44776	0.0996354	0.0996354	0.0015415	0.0115601	0.134068	-8.4389	0.0996354	0.0996354	0.13786	0.361525	-2.76606	0.0380886	0.179478	-5.5771	0.0660393	0.213867	-4.67581	0.0631565	0.2675551	-3.7376	0.33088	21.3902	5.70827	1
cg14703605	TRPA1	0.0522845	0.0261982	0.376795	-2.65396	0.150694	1.76825	1.76825	0.0533375	2.25301	2.25301	0.832871	0.92478	-1.08134	0.57199	1.23532	1.23532	0.726013	0.875343	-1.14241	0.624584	1.20024	1.20024	0.0081912	3.49735	3.49735	0.3353115	1.44461	1.44461	0.33087	7.22442	1.92794	1
cg09893067	TBC0	0.0522852	0.4143333	0.79852	-1.25227	0.2712215	0.8185565	1.22315	0.0403451	0.551731	-1.81179	0.0182631	0.616516	-1.62196	0.0178983	0.7907179	-1.26465	0.7204131	0.8752392	-1.14241	0.6245841	1.23483	1.23483	0.0134997	2.90911	2.90911	0.1656483	1.05022	1.05022	0.33088	1.06931	0.2854488	1.05022	1
cg22843912	SPIL1	0.0522864	0.0340925	0.288759	-3.46309	0.534957	0.729347	-1.37109	0.604475	0.769157	-1.30013	0.858987	1.09343	1.09343	0.0038901	0.141905	-7.04699	0.727237	0.864352	-1.15694	0.0692036	0.3601882	-2.77633	0.467304	0.689699	-1.44991	0.0168788	0.231284	-4.32369	0.33082	13.3086	3.55165	1
cg12985971	C21orf9	0.0522868	0.3129351	1.35867	1.35867	0.4284394	2.41759	2.41759	0.0237913	2.38044	2.38044	0.0992235	1.78077	1.78077	0.0406429	2.13603	2.13603	0.0800329	1.140244	1.140244	0.0992235	1.78077	1.78077	0.0074384	3.02952	3.02952	0.0156778	2.17173	2.17173	0.33076	5.41347	1.4634	1
cg07109551	RPS6KA2;RPS6KA2	0.0522892	0.0236083	-1.35211	-2.84002	0.0739264	0.463646	-2.15768	0.0219949	0.346106	-2.88929	0.097839	0.495906	-2.01651	0.00695599	0.260016	-3.84592	0.0507095	0.423254	-2.36265	0.0274325	0.4970229	-2.01195	0.188918	0.584194	-1.71176	0.126829	0.528488	-1.89219	0.33076	7.86756	2.09964	1
cg04451564	ETV5	0.0522895	0.318545	1.38261	1.38261	0.222308	0.668269	-1.4964	0.321205	1.38	1.38	0.42499	1.2918	1.2918	0.0021663	0.258574	-3.86737	0.206546	1.51995	1.51995	0.509269	1.23417	1.23417	0.869267	0.94955	-1.05313	0.68974	1.1344	1.1344	0.33074	5.20979	1.39036	1
cg21777220	DLEC1;DLEC1	0.0522896	0.103005	0.634503	-1.57605	0.0380053	0.1642109	2.60145	0.0559106	2.84606	2.84606	0.0247407	2.32133	2.32133	0.0159206	2.8814	2.8814	0.0247407	2.32133	2.32133	0.0159206	2.8814	2.8814	0.0247407	2.32133	2.32133	0.0159206	2.8814	2.8814	0.33074	6.23871	1.67307	1
cg03419278	SMAGP;SMAGP	0.0522897	0.945727	0.979501	-1.02093	0.635811	0.864907	-1.15619	0.314342	0.728651	-1.3724	0.151011	0.626139	-1.59709	0.683577	1.13278	1.13278	0.860744	1.05487	1.05487	0.00143661	0.246095	-4.06348	0.646341	1.15092	1.15092	0.0656773	0.533434	-1.87465	0.33074	4.88265	1.30305	1
cg00115629	RFT1	0.0522914	0.175413	0.759843	-1.31656	0.590017	1.11228	1.11228	0.0202962	1.71302	1.71302	0.038475	0.624866	-1.60034	0.647822	1.08631	1.08631	0.1466227	1.52901	1.52901	0.0270143	3.127	3.127	0.0210135	2.09551	2.09551	0.623591	1.32772	1.32772	0.33088	13.2044	4.62323	1
cg26452324	PDE1A;PDE1A	0.0522926	0.813768	0.922277	-1.08427	0.706044	1.13873	1.13873	0.892397	1.04725	1.04725	0.773535	0.905813	-1.10398	0.0244027	0.398585	2.50824	0.23235	0.65078	-1.53639	0.0155198	0.359542	-2.7813	0.0227864	0.24556	-2.74556	0.0225663	0.646315	-1.54723	0.33067	6.20116	1.65496	1
cg00658427	DYNC1H1	0.0522934	0.0431142	0.760506	-1.31491	0.850564	1.02248	1.02248	0.0942472	1.24164	1.24164	0.134185	0.82694	-1.20928	0.667978	0.950502	-1.05208	0.806655	0.971564	-1.02927	0.0139921	0.6997551	-1.42908	0.0579648	1.28679	1.28679	0.574525	1.06901	1.06901	0.33063	0.7300896	0.19485	1
cg16314923	LOC160030	0.0522949	0.0560468	0.700245	-1.42788	0.0727125	0.5655	1.77691	0.0493236	0.610675	-1.63753	0.807706	0.10461	1.10461	0.179852	0.731152	-1.3677	0.1143	0.0824356	-12.1305	0.127655	0.7533372	-1.32737	0.484006	0.864887	-1.15673	0.0761018	0.712244	-1.40401	0.33136	1.55596	0.416128	1
cg24505978	HNRNPA1-2;HNRNPA1;HNRNPA1;CBX5	0.0522958	0.00301091	0.345718	-2.89253	0.115526	1.56363	1.56363	0.36746	1.27364	1.27364	0.545473	0.820249	-1.21914	0.927939	1.02391	1.02391	0.196555	0.699946	-1.42868	0.769001	1.5081	1.5081	0.0197538	1.6719	1.6719	0.637733	1.1115	1.1115	0.625558	0.879421	-1.17311	0.33059	3.60074	0.960987	1
cg21648455	KALRN;KALRN	0.0522967	0.0111688	0.185427	-5.39295	0.296517	0.5635534	-1.77452	0.04295109	0.291041	-3.43594	0.176511	0.467045	-2.14112	0.00929608	0.174029	-5.74617	0.0251965	0.244022	-4.09798	0.570884	0.7383031	-1.35446	0.743974	1.18964	1.18964	0.2798671	0.551432	-1.81346	0.33057	14.8098	3.95257	1
cg02481528	RBP1L	0.0522967	0.048301	0.44035	0.44035	0.0103255	8.355	8.355	0.0428844	4.62242	4.62242	0.260075	2.40178	2.40178	0.341357	1.90426	1.90426	0.0558821	4.15108	4.15108	0.00642366	10.2664	10.2664	0.233966	2.2698	2.2698	0.360499	1.85441	1.85441	0.33057	22.7646	6.07561	1
cg19749898	HCCA2	0.0522969	0.0872206	0.41233	-2.4254	0.00563904	0.32034	3.12034	0.0237913	2.38044	2.38044	0.0992235	1.78077	1.78077	0.0406429	2.13603	2.13603	0.0800329	1.140244	1.140244	0.0992235	1.78077	1.78077	0.0074384	3.02952	3.02952	0.0156778	2.17173	2.17173	0.33076	5.41347	1.4634	1
cg19548978	C10orf41;C10orf41	0.0522998	0.0248973	20.9629	20.9629	0.0613936	11.048	11.048	0.290654	3.4902	3.4902	0.135123	6.27103	6.27103	0.0349751	16.4569	16.4569	0.10405	7.5821	7.5821	0.00574401	61.97	61.97	0.0366691	15.9139	15.9139	0.126472	6.5819	6.5819	0.33049	68.5314	18.2906	1
cg27922326	ADAM32	0.0523023	0.0415673	0.183463	-5.44969	0.0581512	0.4233113	2.36366	0.0519091	0.618487	-1.61693	0.224779

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07079421	CELSR1	0.0523707	0.343733	1.13422	1.13422	0.0152718	1.46907	1.46907	0.0077804	1.55466	1.55466	0.153631	0.820972	-1.21807	0.599577	0.933881	-1.0708
cg20495640	MAGEB6	0.0523711	0.354104	0.721934	-1.38517	0.0351327	0.432236	-2.31355	0.0528844	0.47145	-2.12112	0.162437	0.600685	-1.66476	0.0403227	0.445081	-2.24678
cg19926434	GPHN;GPHN	0.0523713	0.0543504	0.736807	-1.35721	0.172055	0.815983	-1.22552	0.603436	0.929307	-1.07607	0.0324675	0.704527	-1.41939	0.729965	0.952682	-1.04967
cg17491365	TMEM232	0.0523755	0.217412	0.783171	-1.27686	0.00556487	0.503635	-1.98556	0.0133829	0.561605	-1.78061	0.88233	0.97249	-1.02829	0.256667	1.2498	1.2498
cg06900861	LRRCC1;LRRCC1	0.052376	0.0187753	1.9356	1.9356	0.331077	0.792466	-1.26188	0.0354135	1.76494	1.76494	0.136853	1.45019	1.45019	0.497118	1.1734	1.1734
cg14496193	EFCAB6;EFCAB6	0.0523762	0.0017485	0.52502	-1.90469	0.90852	1.01674	1.01674	0.730115	0.951217	-1.05128	0.987449	0.997731	-1.00227	0.496803	1.10477	1.10477
cg23333878	GLIS3;GLIS3	0.0523769	0.204175	0.806922	-1.23928	0.0499497	0.699126	-1.43036	0.770386	0.954226	-1.04797	0.00558081	0.558372	-1.79092	0.0635387	0.716063	-1.39653
cg06788278	RALGPS2	0.0523773	0.0782279	0.546665	-1.82927	0.207705	0.663606	-1.50692	0.421772	0.776227	-1.28828	0.197574	1.52259	1.52259	0.00287542	0.282073	-3.54518
cg20154489	DIP2C	0.0523786	0.323997	0.836787	-1.19505	0.0479618	0.67334	-1.48513	0.0145394	1.69313	1.69313	0.242021	0.807179	-1.23888	0.0200417	1.63373	1.63373
cg20529129	KIAA1211	0.0523786	0.15375	1.26968	1.26968	0.690568	1.06456	1.06456	0.479319	0.893659	-1.119	0.535328	1.10312	1.10312	0.0226153	1.53233	1.53233
cg01503218	KPNA3	0.0523792	0.250993	0.514347	-1.94421	0.0141116	0.186524	-5.36124	0.0502884	0.290268	-3.44509	0.261487	0.522518	-1.91381	0.0190293	0.207297	-4.824
cg23353543	EXOC6;EXOC6	0.0523796	0.291701	0.916305	-1.09134	0.222472	0.902643	-1.10786	0.099398	0.86563	-1.15523	0.306521	0.9189	-1.08826	0.586119	1.0449	1.0449
cg16521110	SPG7;SPG7	0.0523845	0.429069	1.20869	1.20869	0.781172	1.06757	1.06757	0.0471829	0.586715	-1.7044	0.58254	1.13922	1.13922	0.0542362	0.598753	-1.67014
cg22971501	LDLR	0.0523849	0.0726926	0.561168	-1.782	0.357839	1.31368	1.31368	0.74023	1.10076	1.10076	0.0482247	1.91815	1.91815	0.0248525	0.462759	-2.16095
cg08844325	ASAP2;ASAP2	0.0523855	0.260837	2.46873	2.46873	0.00902028	12.9123	12.9123	0.00831488	13.457	13.457	0.734665	0.769396	-1.29972	0.405317	0.518869	-1.92727
cg27355050	CNPY3;CNPY3	0.0523874	0.036257	0.166933	-5.99043	?	?	?	0.958618	0.972524	-1.02825	0.74734	1.19083	1.19083	0.0764398	3.72398	3.72398
cg08577384	SVIL	0.0523877	0.0193723	1.89746	1.89746	0.0224157	1.85829	1.85829	0.291562	1.28135	1.28135	0.25543	1.3086	1.3086	0.627319	1.11721	1.11721
cg13692517	PTPRG	0.0523887	0.878469	1.03871	1.03871	0.353765	1.26723	1.26723	0.852365	0.954808	-1.04733	0.807675	1.06241	1.06241	0.00153229	0.322421	-3.10154
cg03108070	B3GALT4	0.0523899	0.150505	3.34786	3.34786	0.00945767	13.1783	13.1783	0.120682	3.74225	3.74225	0.183202	3.02622	3.02622	0.0639904	5.11552	5.11552
cg00919921	DIP2C	0.0523906	0.92804	0.983216	-1.01707	0.00388401	0.48254	-2.07237	0.315309	1.21478	1.21478	0.521133	1.1296	1.1296	0.313504	1.21573	1.21573
cg04911821	LTBR	0.0523917	0.0992979	0.644716	-1.55107	0.829492	0.948955	-1.05379	0.00534793	0.410119	-2.43832	0.752037	1.08005	1.08005	0.654706	0.896405	-1.11557
cg25761397	RPP21	0.0523919	0.868267	0.9177	-1.08968	0.0569258	0.328011	-3.04867	0.583071	0.750654	-1.33217	0.491621	1.43534	1.43534	0.0035649	0.129658	-7.71262
cg02654987	USP53	0.0523947	0.351488	1.83334	1.83334	0.228543	2.22303	2.22303	0.0573418	3.89262	3.89262	0.878969	0.908168	-1.10112	0.0853846	0.300549	-3.32725
cg18010520	APBA2;APBA2	0.0523949	0.613022	0.812544	-1.2307	0.0224083	3.0449	3.0449	0.015348	3.35723	3.35723	0.734424	1.14866	1.14866	0.122663	0.506199	-1.97551
cg20605061	HOXD11	0.0523964	0.892517	0.951276	-1.05122	0.618057	0.830499	-1.2041	0.00876121	0.291227	-3.43375	0.0112336	3.23375	3.23375	0.624757	1.19978	1.19978
cg04272632	CSMD2	0.0523966	0.22729	0.777461	-1.28624	0.037053	1.61744	1.61744	0.620111	1.10433	1.10433	0.696807	0.925185	-1.08087	0.855147	1.03696	1.03696
cg10367364	FBXO5;FBXO5	0.0523967	0.786705	1.05299	1.05299	0.320128	0.822348	-1.21603	0.957275	0.989852	-1.01025	0.580284	0.899119	-1.1122	0.974783	0.994	-1.00604
cg07810190	TNXB	0.0523981	0.203411	1.94013	1.94013	0.00234396	8.1375	8.1375	0.0118439	4.71706	4.71706	0.351164	1.60593	1.60593	0.976928	0.985825	-1.01438
cg04370575	HMGN4	0.0524023	0.562946	0.844583	-1.18402	0.0547923	0.533073	-1.87591	0.0292282	2.10008	2.10008	0.0481018	1.92024	1.92024	0.85363	1.05479	1.05479
cg11434527	LOC100128977;IMP5	0.0524035	0.0626225	0.552439	-1.81015	0.364064	0.767843	-1.30235	0.0211697	0.456144	-2.19229	0.565819	0.848403	-1.17869	0.00966586	0.395588	-2.52788
cg24809845	KCNK1	0.0524041	0.395176	1.75553	1.75553	0.0019385	17.0131	17.0131	0.0251727	5.58835	5.58835	0.758808	1.22022	1.22022	0.477113	0.626778	-1.59546
cg06102452	PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1	0.0524065	0.145234	0.558569	-1.79029	0.0181006	0.343428	-2.91182	0.13285	0.546748	-1.829	0.765659	0.894678	-1.11772	0.0053513	0.255168	-3.91898
cg15066556	BLZF1;NME7;NME7	0.0524067	0.00416348	0.287423	-3.4792	0.842775	1.0666	1.0666	0.461127	1.27582	1.27582	?	?	?	0.0385972	0.45941	-2.17671
cg24333420	GPR123	0.0524067	0.830312	0.954442	-1.04773	0.546427	0.875802	-1.14181	0.264758	0.776826	-1.28729	0.0982894	1.48285	1.48285	0.0759071	0.651042	-1.536
cg25694755	CA10;CA10;CA10	0.052409	0.453884	0.704767	-1.41891	0.0047718	5.57457	5.57457	0.0188153	3.68844	3.68844	0.960463	0.977522	-1.023	0.737951	1.16648	1.16648
cg25544073	MTDH	0.0524099	?	?	?	0.647172	1.30666	1.30666	0.00727554	0.134085	-7.45797	0.262671	0.50772	-1.96959	0.0138573	0.171183	-5.84169
cg23412793	SLIT2	0.0524103	0.797627	0.961171	-1.0404	0.0186338	1.55205	1.55205	0.119236	1.29769	1.29769	0.9178	1.01604	1.01604	0.734257	1.05392	1.05392
cg00652332	ZFPM1	0.0524104	0.719845	0.887077	-1.1273	0.0586111	2.03553	2.03553	0.809969	0.92298	-1.08345	0.425801	0.762953	-1.3107	0.00480132	0.287926	-3.47312
cg11377136	PKDREJ	0.0524106	0.0417863	40.5536	40.5536	0.476061	3.13766	3.13766	0.147429	11.621	11.621	0.114982	14.946	14.946	0.562734	2.51776	2.51776
cg07491828	MKL2	0.0524117	0.101009	3.03862	3.03862	0.0745215	0.292443	-3.41947	0.0293838	0.204387	-4.89267	0.745614	1.22317	1.22317	0.521879	0.669181	-1.49436
cg03946324	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.0524125	0.133743	0.711884	-1.40472	0.00498748	0.457992	-2.18344	0.153789	0.725515	-1.37833	0.8937	1.02849	1.02849	0.205663	0.755371	-1.32385
cg18170071	PAX4	0.0524135	0.0698392	0.461335	-2.16762	0.00743318	0.268309	-3.72705	0.0542096	0.434413	-2.30196	0.553311	1.25714	1.25714	0.844304	1.07792	1.07792
cg20017797	PCK2;PCK2	0.0524146	0.369113	0.857418	-1.16629	0.514258	1.11661	1.11661	0.555016	0.905229	-1.10469	0.00931659	0.576905	-1.73339	0.751078	1.05451	1.05451
cg07906262	KCNQ4;KCNQ4	0.0524149	0.0263986	2.43564	2.43564	0.0527502	2.10538	2.10538	0.552032	1.22561	1.22561	0.822545	0.92686	-1.07891	0.0397422	2.23436	2.23436
cg19863227	ACTR1B;ACTR1B	0.0524176	0.70124	0.859176	-1.16391	0.0164792	3.17004	3.17004	0.00993327	3.6047	3.6047	0.0443545	0.402793	-2.48266	0.760964	0.886797	-1.12765
cg00338002	C1orf38;C1orf38;C1orf38	0.0524179	0.00964805	0.295576	-3.38323	0.0165238	0.336328	-2.97329	0.646875	0.842291	-1.18724	0.149047	0.562272	-1.7785	0.0218208	0.359103	-2.78472
cg03314569	TINAGL1	0.0524192	0.752824	0.926925	-1.07884	0.459085	1.1985	1.1985	0.208852	0.727456	-1.37465	0.931372	0.979524	-1.0209	0.00250441	0.364744	-2.74165
cg11163933	CHL1	0.0524195	0.981483	0.996045	-1.00397	0.298346	1.20209	1.20209	0.00740806	1.80226	1.80226	0.54295	1.11087	1.11087	0.774946	1.05016	1.05016
cg01065938	CNIH3	0.05242	0.060483	0.533527	-1.87432	0.905922	0.96552	-1.03571	0.247402	0.698425	-1.43179	0.107172	1.68525	1.68525	0.00896817	0.372927	-2.68149
cg15090889	RICS	0.05242	0.680863	0.818528	-1.22171	0.129891	0.452846	-2.20826	0.473344	0.702485	-1.42352	0.606688	1.28588	1.28588	0.295475	0.591363	-1.69101
cg11539992	RHBDF2;RHBDF2	0.0524201	0.43874	2.28546	2.28546	0.106844	6.31225	6.31225	0.0184655	19.9054	19.9054	0.0100517	29.9675	29.9675	0.914561	0.893759	-1.11887
cg13792037	TMCO1;TMCO1	0.0524229	0.0809013	1.79001	1.79001	0.00947824	2.74813	2.74813	0.00833402	2.82485	2.82485	0.107377	1.69434	1.69434	0.873759	1.0482	1.0482
cg09648233	ALKBH4;LRWD1	0.052423	0.0816478	0.633964	-1.57738	0.196044	0.724045	-1.38113	0.0212235	1.92357	1.92357	0.0870399	0.639993	-1.56252	0.267945	0.761444	-1.31329
cg23450324	KLHL23;C2orf77;PHOSPHO2;KLHL23;PHOSPHO2	0.0524237	0.134007	0.735821	-1.35903	0.367192	1.19225	1.19225	0.651336	1.0902	1.0902	0.159384	0.751671	-1.33037	0.408484	1.17408	1.17408
cg06341748	LRRC37B2	0.0524249	0.622537	1.10592	1.10592	0.0212826	0.570252	-1.75361	0.0304829	0.596926	-1.67525	0.0766444	1.49121	1.49121	0.994454	0.998591	-1.00141
cg17164954	ARID1B;ARID1B;ARID1B	0.0524252	0.244857	2.07831	2.07831	0.0153135	5.99084	5.99084	0.0898129	3.07875	3.07875	0.125914	2.70698	2.70698	0.349911	1.78358	1.78358
cg00785856	ADAM10;ADAM10	0.0524252	0.796575	1.18385	1.18385	0.0770038	3.61345	3.61345	0.0205745	6.18678	6.18678	0.0619804	0.253338	-3.94729	0.65004	0.741996	-1.34772
cg16279541	MRPS18B	0.0524254	0.561659	1.14349	1.14349	0.0598946	1.62431	1.62431	0.075696	1.57107	1.57107	0.130135	0.688276	-1.4529	0.887194	0.968087	-1.03296
cg08141612	FRG1B	0.0524267	0.720636	0.941159	-1.06252	0.0898934	0.729275	-1.37122	0.464211	0.881784	-1.13406	0.664294	1.07653	1.07653	0.00130628	0.453652	-2.20433
cg14830466	CTH;CTH	0.0524308	0.803184	1.0301	1.0301	0.182399	1.18298	1.18298	0.999049	0.999859	-1.00014	0.0894375	0.800626	-1.24902	0.246203	1.15489	1.15489
cg11582116	EIF2C1;EIF2C1	0.0524321	0.232625	1.37135	1.37135	0.236016	1.36793	1.36793	0.268824	0.747844	-1.33718	0.84132	0.950683	-1.05187	0.159064	1.46188	1.46188
cg04036777	KCNH3	0.0524323	0.0766257	0.479178	-2.08691	0.173135	1.71854	1.71854	0.223541	0.620206	-1.61237	0.0917509	0.499813	-2.00075	0.0507673	0.435449	-2.29648
cg23534983	ZNF7	0.0524323	0.995926	1.00078	1.00078	0.00764605	0.591603	-1.69032	0.373161	0.869392	-1.15023	0.970147	0.994287	-1.00575	0.224946	0.822733	-1.21546
cg23202926	RASGEF1A	0.0524327	0.334211	0.769658	-1.29928	0.924235	1.02532	1.02532	0.882698	1.03957	1.03957	0.206416	1.41952	1.41952	0.12044	0.642256	-1.55701
cg21450708	CENPA;CENPA	0.052433	0.180622	2.72092	2.72092	0.280678	2.20238	2.20238	0.603108	0.69119	-1.44678	0.602464	1.44775	1.44775	0.00276549	0.0546683	-18.2921
cg20382675	FOXP1;MIR1284;FOXP1	0.0524331	0.0311587	0.284751	-3.51185	0.0257238	0.268296	-3.72722	0.00603869	0.16841	-5.93789	0.0921267	0.398192	-2.51135	0.164845	0.479058	-2.08743
cg12958312	LMF1	0.0524331	0.00418378	0.56939	-1.75626	0.506531	1.10398	1.10398	0.145199	1.2581	1.2581	0.370455	1.14453	1.14453	0.838568	0.970503	-1.03039
cg17036427	IGDCC4	0.0524337	0.800811	1.06971	1.06971	0.00813685	2.46705	2.46705	0.772571	1.08031	1.08031	0.982491	0.994167	-1.00587	0.831259	0.944705	-1.05853
cg03519967	MAN1C1	0.0524353	0.0228536	0.296571	-3.37187	0.0818313	0.422879	-2.36474	0.24051	0.577838	-1.73059	0.109995	0.459537	-2.1761	0.0139877	0.258052	-3.87518
cg01700683	RAB8B	0.0524358	?	?	?	0.367355	0.744705	-1.34281	0.015025	0.386156	-2.58963	0.204423	1.53157	1.53157	0.0520789	0.49489	-2.02065
cg09646946	AGAP1;AGAP1	0.0524384	0.0351396	0.148927	-6.71468	0.0525431	0.180803	-5.53087	0.417579	0.525829	-1.90176	0.316776	0.447966	-2.23231	0.00447263	0.0527839	-18.9452
cg18719750	SDC2	0.0524394	0.266888	0.867576	-1.15264	0.105626	1.24246	1.24246	0.00987068	1.49247	1.49247	0.646537	0.944874	-1.05834	0.149355	0.827072	-1.20908
cg18877285	HEPACAM	0.0524405	0.0962575	3.68202	3.68202	0.0222526	7.06753	7.06753	0.0523454	4.82982	4.82982	0.536994	1.56228	1.56228	0.0559859	4.688	4.688
cg14222141	TSTD2;NCBP1	0.0524422	0.473935	0.884806	-1.13019	0.290241	1.20256	1.20256	0.586935	1.09657	1.09657	0.655839	0.927391	-1.07829	0.384178	1.16177	1.16177
cg06489159	CACNG3	0.0524426	0.137085	1.84649	1.84649	0.0172817	0.329371	-3.03609	0.109951	0.513119	-1.94886	0.967129	1.01591	1.01591	0.0312115	0.37978	-2.6331
cg03379797	NHSL1	0.0524426	0.635315	0.810171	-1.23431	0.0177852	3.55997	3.55997	0.0221069	3.35066	3.35066	0.921075	0.957272	-1.04464	0.645172	0.815212	-1.22667
cg05137378	DAB1	0.0524436	0.414709	0.853786	-1.17125	0.831262	0.96035	-1.04129	0.297225	0.814733	-1.2274	0.616317	0.908659	-1.10052	0.174409	0.760399	-1.3151
cg18097224	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0524452	0.0635554	0.370204	-2.70121	0.198477	0.523426	-1.91049	0.810768	0.892021	-1.12105	0.0483061	0.341332	-2.9297	0.0469513	0.338472	-2.95445
cg22775789	CS	0.0524456	0.114007	0.479324	-2.08627	0.405785	0.695044	-1.43876	0.478085	0.734561	-1.36136	0.0147084	3.61224	3.61224	0.0433659	0.370178	-2.7014
cg24950571	ROPN1L	0.0524457	0.0387027	0.709662	-1.40912	0.577894	1.08386	1.08386	0.0554472	1.36476	1.36476	0.161851	1.2386	1.2386	0.0670937	0.745281	-1.34178
cg22929219	MCM5	0.052447	0.0162297	1.31413	1.31413	0.0251177	1.28086	1.28086	0.258019	1.11591	1.11591	0.129562	1.16436	1.16436	0.0275387	1.27402	1.27402
cg24225147	PPIF	0.0524486	0.0639178	0.304983	-3.27887	0.00945605	0.147621	-6.7741	0.460565	1.52467	1.52467	0.701195	1.24112	1.24112	?	?	?
cg14781635	ZFHX4	0.0524487	0.951067	1.01459	1.01459	0.00224287	0.364387	-2.74434	0.0287131	0.544014	-1.83819	0.926817	0.978557	-1.02191	0.197034	0.724851	-1.37959
cg24180569	CD9	0.0524521	0.666217	1.04827	1.04827	0.0581894	1.26184	1.26184	0.526403	1.07222	1.07222	0.236932	1.14409	1.14409	0.0639858	1.25378	1.25378
cg12883295	SHANK2	0.0524526	0.77541	0.932514	-1.07237	0.0746439	0.615666	-1.62426	0.183801	0.708627	-1.41118	0.955475	0.986455	-1.01373	0.0011488	0.311218	-3.21318
cg15729095	PPARD;PPARD	0.0524539	0.594205	1.06329	1.06329	0.7269	0.960772	-1.04083	0.213379	0.861095	-1.16131	0.0349199	1.32386	1.32386	0.635887	0.947021	-1.05594
cg09984316	GZMM;GZMM	0.0524564	0.141554	0.334775	-2.98708	0.886556	1.10387	1.10387	0.590685	0.686689	-1.45626	0.555792	1.51057	1.51057	0.0601499	0.230435	-4.33961
cg01613077	RASSF2;RASSF2	0.0524581	0.90238	0.958078	-1.04376	0.136789	0.571554	-1.74961	0.167381	0.598309	-1.67138	0.146294	1.72333	1.72333	0.991774	0.996408	-1.0036
cg24271718	PRKAG2;PRKAG2	0.0524581	0.612869	1.10979	1.10979	0.191326	1.32636	1.32636	0.381207	1.20125	1.20125	0.238695	1.28652	1.28652	0.0118205	0.526365	-1.89982
cg01385679	ELMO2;ELMO2	0.0524585	0.0511371	0.470497	-2.12541	0.0551914	2.0915	2.0915	0.51313	1.25249	1.25249	0.413455	1.32819	1.32819	0.0319169	0.425947	-2.34771
cg25820704	TMEM126B;DLG2	0.0524593	0.289952	0.750005	-1.33332	0.165391	1.47334	1.47334	0.209926	1.41352	1.41352	0.355216	1.28287	1.28287	0.0024114	0.330567	-3.0251
cg24838305	PRR12	0.0524595	0.219252	0.791999	-1.26263	0.45244	0.870956	-1.14816	0.0179582	1.68039	1.68039	0.301471	0.824291	-1.21316	0.651052	0.921102	-1.08566
cg26660654	ANKRD22;LIPM	0.0524597	0.0269828	0.243127	-4.11307	0.774254	0.85618	-1.16798	0.535525	0.712628	-1.40326	0.12703	0.410202	-2.43783	0.0219492	0.226692	-4.41128
cg09363892	AGRN	0.0524623	0.106906	0.783866	-1.27573	0.468201	0.902925	-1.10751	0.608641	1.07406	1.07406	0.479206	0.90527	-1.10464	0.040577	0.720963	-1.38703
cg26381481	LHPP;LHPP	0.0524626	0.424245	0.700597	-1.42735	0.00279246	0.165833	-6.03016	0.0186735	0.288528	-3.46587	0.274674	0.609236	-1.6414	0.0473901	0.371941	-2.6886
cg26521720	MAPK4	0.0524646	0.56721	0.843004	-1.18623	0.0028863	3.35338	3.35338	0.0301198	2.12358	2.12358	0.718489	1.11282	1.11282	0.584859	1.17693	1.17693
cg08551725	SCRN1;SCRN1;SCRN1;SCRN1	0.052465	0.293111	0.699633	-1.42932	0.853497	1.06241	1.06241	0.734245	0.8944	-1.11807	0.0524874	2.05886	2.05886	0.0194467	0.396424	-2.52255
cg22947094	FLJ37453	0.0524651	0.471495	0.733788	-1.36279	0.506438	0.752105	-1.3296	0.148122	0.519114	-1.92636	0.305973	1.56507	1.56507	?	?	?
cg25944168	EIF2AK3	0.0524653	0.0853558	0.467543	-2.13884	0.928523	0.964771	-1.03652	0.684384	1.17746	1.17746	0.469833	1.34168	1.34168	0.0153921	0.304617	-3.28281
cg20751706	TNS1	0.0524668	0.099244	0.698383	-1.43188	0.00963744	1.91715	1.91715	0.291139	0.804441	-1.2431	0.713491	0.929361	-1.07601	0.07968	0.679514	-1.47164
cg07335671	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.0524672	0.34192	0.883913	-1.13133	0.196123	0.841768	-1.18798	0.697512	0.951972	-1.05045	0.0114247	1.49018	1.49018	0.0625937	0.767928	-1.30221
cg13871826	CYR61;DDAH1	0.0524673	0.0199857	0.369408	-2.70703	0.290972	0.677964	-1.47501	0.0107486	0.320855	-3.11668	0.301334	0.683989	-1.46201	0.00804324	0.299929	-3.33412
cg09663204	LOC100129716;ARRDC3	0.0524678	0.314091	0.839818	-1.19073	0.0558327	1.43805	1.43805	0.0644435	1.41671	1.41671	0.0731542	0.715275	-1.39806	0.350043	1.17503	1.17503
cg14473646	ERBB2IP;ERBB2IP;LOC100303749	0.052468	0.0474881	0.614165	-1.62823	0.00290998	2.41048	2.41048	0.160219	1.38075	1.38075	0.919026	0.978371	-1.02211	0.804931	1.05465	1.05465
cg02720342	ARHGAP26;ARHGAP26	0.0524684	0.0278538	0.284781	-3.51147	0.950329	0.970344	-1.03056	0.0811368	0.392808	-2.54577	0.118175	0.440515	-2.27007	0.00814712	0.194633	-5.13788
cg21300382	NACC1	0.0524687	0.959513	1.01837	1.01837	0.493013	1.28364	1.28364	0.92886	0.968481	-1.03254	0.601976	1.20772	1.20772	0.00667886	0.28306	-3.53282
cg06713999	C3orf63;C3orf63	0.0524695	0.441101	0.808641	-1.23664	0.00848102	0.403105	-2.48074	0.2667	0.731331	-1.36737	0.127931	0.640826	-1.56049	0.476954	1.21595	1.21595
cg01410923	MYO1B;MYO1B;MYO1B	0.0524702	0.24707	0.548343	-1.82367	0.04417	3.15128	3.15128	0.853764	0.912471	-1.09593	0.0387382	0.304744	-3.28144	0.668123	0.807254	-1.23877
cg11771234	ADCYAP1;ADCYAP1	0.0524712	0.191497	0.623315	-1.60433	0.971228	0.987747	-1.01241	0.48006	1.27813	1.27813	0.0393873	0.442783	-2.25844	0.149471	0.589597	-1.69607
cg06637618	ATP2B4;ATP2B4	0.0524725	0.0540554	0.511587	-1.9547	0.783865	1.08793	1.08793	0.990598	1.00362	1.00362	0.810419	0.928986	-1.07644	0.00687609	0.342102	-2.9231
cg19995197	AKAP12;AKAP12	0.0524729	0.0253335	1.37144	1.37144	0.708056	1.04571	1.04571	0.767155	1.03591	1.03591	0.016415	1.41683	1.41683	0.0161214	1.41877	1.41877
cg05505758	TMEM8A	0.052473	0.0446831	0.445046	-2.24696	0.504257	0.78818	-1.26875	0.00438522	0.262803	-3.80513	0.712235	0.87798	-1.13898	0.00628947	0.286457	-3.49093
cg10085474	CTBP1;CTBP1	0.0524739	0.854652	0.959425	-1.04229	0.0228483	1.84998	1.84998	0.233069	0.753944	-1.32636	0.217259	0.745851	-1.34075	0.0211841	0.534763	-1.86999
cg08774350	SCFD2	0.0524762	0.15571	0.597154	-1.67461	0.0405583	0.44809	-2.23169	0.1454	0.588211	-1.70007	0.264994	1.48336	1.48336	0.00657464	0.301795	-3.31351
cg24715682	FAM157A	0.0524794	0.132705	1.86781	1.86781	0.695261	1.16371	1.16371	0.00214951	0.190199	-5.25766	0.39306	0.713952	-1.40065	0.479919	0.758388	-1.31859
cg17708167	LBXCOR1	0.0524805	0.0378548	8.94868	8.94868	0.0413647	8.5109	8.5109	0.0319558	9.85027	9.85027	0.640227	0.651539	-1.53483	0.531692	0.56182	-1.77993
cg20036162	C8orf46	0.0524805	0.744159	1.12875	1.12875	0.0031144	0.224166	-4.46099	0.692454	0.863277	-1.15838	0.0747085	2.08381	2.08381	0.351628	0.701521	-1.42547
cg22688043	OR5J2	0.0524813	0.00787266	0.0924112	-10.8212	0.0640856	0.233759	-4.27792	0.193568	0.382544	-2.61408	0.34562	0.507397	-1.97084	0.0522071	0.213855	-4.67607
cg00193613	C1QTNF1;C1QTNF1;C1QTNF1	0.0524824	0.432048	0.733827	-1.36272	0.0305418	2.667	2.667	0.598873	0.814755	-1.22736	0.370557	0.701253	-1.42602	0.0317189	0.378383	-2.64283
cg08939008	ZDHHC18	0.0524832	0.756016	0.927589	-1.07806	0.561487	1.1521	1.1521	0.219476	1.36535	1.36535	0.590922	0.877343	-1.1398	0.0420961	0.568483	-1.75907
cg07890785	FAM64A	0.0524857	0.0243923	0.136485	-7.32681	0.0272354	0.14367	-6.96039	0.202593	0.368328	-2.71497	0.151519	0.319515	-3.12974	0.0214238	0.128459	-7.7846
cg24044049	RBM23;RBM23;RBM23	0.0524861	0.291054	0.827209	-1.20888	0.856186	0.969078	-1.03191	0.0149839	1.67841	1.67841	0.0197655	0.614248	-1.62801	0.33141	1.18947	1.18947
cg11450546	LYPD3	0.0524872	0.110885	0.576465	-1.73471	0.130264	0.595557	-1.6791	0.418384	0.769329	-1.29983	0.691793	0.881298	-1.13469	0.00398336	0.292987	-3.41312
cg23973566	FAM65B;FAM65B	0.0524881	0.77431	1.06942	1.06942	0.598317	1.13214	1.13214	0.769419	0.933678	-1.07103	0.683822	1.10031	1.10031	0.0812225	0.636814	-1.57032
cg09965939	NIPAL2	0.0524885	0.00889912	0.227102	-4.40331	0.102329	2.21706	2.21706	0.796266	0.891167	-1.12212	0.155485	1.96772	1.96772	0.566301	0.77246	-1.29457
cg06501766	COL25A1;COL25A1	0.0524891	0.199592	0.695725	-1.43735	0.878799	0.959972	-1.0417	0.0623317	0.570251	-1.75361	0.0061703	0.38432	-2.602	0.024873	0.48929	-2.04378
cg27533472	MS4A2;MS4A2;MS4A2;MS4A2	0.0524894	0.0323376	0.0885886	-11.2881	0.0126158	0.0498063	-20.0778	0.0553618	0.12239	-8.17059	0.179608	0.251938	-3.96923	0.0689239	0.139634	-7.16157
cg22818423	BAT4;BAT4;CSNK2B	0.0524894	0.776174	1.06897	1.06897	0.540075	1.1562	1.1562	0.0046336	2.41418	2.41418	0.0592692	1.64585	1.64585	0.105209	1.51318	1.51318
cg05772218	ITGAE	0.0524898	0.0409499	2.72966	2.72966	0.110663	2.09575	2.09575	0.247688	1.67273	1.67273	0.814483	1.10523	1.10523	0.133256	0.50186	-1.99259
cg20283498	CDH23;CDH23	0.0524921	0.0737184	0.606837	-1.64789	0.490879	0.839186	-1.19163	0.0722559	0.604939	-1.65306	0.110904	0.647155	-1.54523	0.00991942	0.442128	-2.26179
cg26377880	C5orf49	0.0524922	0.0754397	2.60843	2.60843	0.0254747	3.6189	3.6189	0.0751731	2.61123	2.61123	0.0664568	2.71025	2.71025	0.522773	1.36856	1.36856
cg05720616	LHPP;LHPP	0.0524926	0.660079	1.10249	1.10249	0.0106942	2.02849	2.02849	0.736138	1.07741	1.07741	0.0514833	1.63022	1.63022	0.356298	0.811265	-1.23264
cg09871261	NOS1AP;NOS1AP	0.0524939	0.118381	1.46312	1.46312	0.36889	0.812885	-1.23019	0.109754	0.676129	-1.47901	0.276122	1.28956	1.28956	0.314477	1.26302	1.26302
cg19523029	TLE4;TLE4	0.0524943	0.441594	0.789288	-1.26696	0.438644	1.26898	1.26898	0.661595	1.14205	1.14205	0.0595147	0.526571	-1.89908	0.0583289	0.524589	-1.90626
cg24001597	KCNG2	0.0524966	0.825916	1.06621	1.06621	0.00542036	0.344702	-2.90106	0.354972	0.758106	-1.31908	0.931926	1.02518	1.02518	0.00867953	0.377757	-2.64721
cg20565912	SMOC2;SMOC2	0.0524982	0.558247	1.12193	1.12193	0.193111	1.30686	1.30686	0.13428	0.730686	-1.36858	0.672702	0.92075	-1.08607	0.0346944	0.619748	-1.61356
cg09728459	MPV17L2	0.0524998	0.0311803	0.734472	-1.36152	0.00540284	1.56345	1.56345	0.443562	0.90907	-1.10003	0.229991	1.16614	1.16614	0.156079	1.20344	1.20344

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07079421	0.59776	1.07117	1.07117	0.73629	0.957294	-1.04461	0.817602	1.03028	1.03028	0.0697248	1.29941	1.29941	3.32877	0.879032	0.23473	1
cg20495640	0.88404	0.951348	-1.05114	0.431034	1.31609	1.31609	0.780295	0.90886	-1.10028	0.00466651	0.276475	-3.61696	3.32876	6.15752	1.64426	1
cg19926434	0.527877	1.0936	1.0936	0.779066	1.04013	1.04013	0.0628059	0.746128	-1.34025	0.0170349	1.50226	1.50226	3.32875	1.03178	0.275521	1
cg17491365	0.471916	0.871261	-1.14776	0.319297	1.2139	1.2139	0.775067	0.94747	-1.05544	0.217799	0.783349	-1.27657	3.32865	1.87003	0.499377	1
cg06900861	0.0892141	0.647457	-1.5445	0.296401	0.777931	-1.28546	0.128859	0.683411	-1.46325	0.958517	0.988008	-1.01214	3.32864	2.83611	0.757362	1
cg14496193	0.351924	0.870796	-1.14837	0.210422	0.826467	-1.20997	0.311237	0.859586	-1.16335	0.12043	1.27541	1.27541	3.32863	1.09954	0.293626	1
cg23333878	0.0437921	0.690042	-1.44919	0.0193628	0.635894	-1.57259	0.0924855	0.743471	-1.34504	0.163943	0.788364	-1.26845	3.32862	1.35119	0.360828	1
cg06788278	0.792407	1.08482	1.08482	0.145145	0.61697	-1.62082	0.907386	1.03658	1.03658	0.100912	0.574323	-1.74118	3.3286	5.02287	1.34134	1
cg20154489	0.687766	0.931767	-1.07323	0.53019	1.11766	1.11766	0.649941	0.923184	-1.08321	0.892182	0.976556	-1.02401	3.32857	1.61321	0.430806	1
cg20529129	0.174878	1.25306	1.25306	0.00598151	1.75371	1.75371	0.108972	0.760878	-1.31427	0.822508	1.03575	1.03575	3.32857	1.28853	0.344099	1
cg01503218	0.382039	0.608385	-1.6437	0.0131856	0.182069	-5.49241	0.0316171	0.247365	-4.04261	0.0986308	0.366453	-2.72887	3.32856	16.1981	4.32568	1
cg23353543	0.124026	0.875402	-1.14233	0.00726739	0.758333	-1.31868	0.00537056	0.746112	-1.34028	0.200098	0.897506	-1.1142	3.32855	0.336479	0.0898567	1
cg16521110	0.0121606	0.480114	-2.08284	0.0226668	0.526977	-1.89761	0.459766	1.19329	1.19329	0.33307	0.791024	-1.26418	3.32843	2.90589	0.776045	1
cg22971501	0.165014	1.53317	1.53317	0.180901	0.663725	-1.50665	0.0852138	1.73163	1.73163	0.615039	0.863894	-1.15755	3.32842	4.38853	1.172	1
cg08844325	0.27062	2.42028	2.42028	0.273742	2.40532	2.40532	0.545165	0.623836	-1.60298	0.381218	0.50052	-1.99792	3.3284	31.3037	8.36	1
cg27355050	0.0111826	0.0623113	-16.0485	?	?	?	0.678252	0.797408	-1.25406	0.887489	1.07906	1.07906	8.58748	24.4828	1.22185	1
cg08577384	0.316453	0.790878	-1.26442	0.0503766	0.603353	-1.65741	0.253459	0.763249	-1.31019	0.384573	1.22379	1.22379	3.32835	2.70504	0.722424	1
cg13692517	0.166305	1.4425	1.4425	0.36935	1.25716	1.25716	0.503128	1.18374	1.18374	0.865404	0.958763	-1.04301	3.32833	3.24808	0.867456	1
cg03108070	0.422465	1.90114	1.90114	0.0299201	7.41058	7.41058	0.00701982	15.38	15.38	0.13498	3.53765	3.53765	3.3283	32.4073	8.65501	1
cg00919921	0.19192	1.29545	1.29545	0.0508439	1.51723	1.51723	0.376224	1.1855	1.1855	0.351776	1.1967	1.1967	3.32828	1.85103	0.494356	1
cg04911821	0.383492	1.24247	1.24247	0.0913006	1.57112	1.57112	0.0515681	0.58372	-1.71315	0.254663	0.749051	-1.33502	3.32826	3.11113	0.8309	1
cg25761397	0.401779	1.55892	1.55892	0.771936	1.16226	1.16226	0.328451	0.59341	-1.68517	0.0304045	0.268085	-3.73016	3.32825	14.1104	3.76852	1
cg02654987	0.0346109	0.210689	-4.74634	0.162502	0.389618	-2.56662	0.0426025	4.37419	4.37419	0.381425	0.566948	-1.76383	3.32818	21.0633	5.62558	1
cg18010520	0.75593	0.880815	-1.13531	0.0863396	0.462459	-2.16236	0.124182	1.9692	1.9692	0.90622	1.04914	1.04914	3.32818	8.73243	2.33226	1
cg20605061	0.349214	1.42769	1.42769	0.362897	1.41271	1.41271	0.184227	1.68276	1.68276	0.689655	0.862165	-1.15987	3.32814	7.19589	1.9219	1
cg04272632	0.493457	0.870997	-1.14811	0.00511481	0.479682	-2.08472	0.589196	0.897385	-1.11435	0.0548272	0.648879	-1.54112	3.32814	2.07891	0.555241	1
cg10367364	0.796651	1.05039	1.05039	0.00141389	0.414914	-2.41014	0.114093	1.38715	1.38715	0.358207	0.835367	-1.19708	3.32813	1.91066	0.510304	1
cg07810190	0.188732	1.98861	1.98861	0.438549	1.47707	1.47707	0.119388	2.30316	2.30316	0.321759	1.65754	1.65754	3.3281	12.8458	3.43093	1
cg04370575	0.0626095	1.83154	1.83154	0.211817	1.46209	1.46209	0.876743	0.956163	-1.04585	0.0373114	2.00979	2.00979	3.328	4.39648	1.17427	1
cg11434527	0.269461	0.722015	-1.38501	0.0153642	0.430608	-2.3223	0.419767	1.26298	1.26298	0.196458	0.679211	-1.4723	3.32797	4.22797	1.12928	1
cg24809845	0.192412	2.43906	2.43906	0.943664	0.955356	-1.04673	0.933392	0.947412	-1.05551	0.952571	1.03919	1.03919	3.32795	22.0128	5.87956	1
cg06102452	0.016185	0.334453	-2.98996	0.212453	0.613263	-1.63062	0.933064	0.969207	-1.03177	0.211627	0.612663	-1.63222	3.32789	7.30652	1.95159	1
cg15066556	0.106279	0.564035	-1.77294	0.828034	1.07318	1.07318	0.387334	1.33331	1.33331	0.797396	0.919874	-1.08711	3.37625	5.00971	1.48381	1
cg24333420	0.864239	1.03788	1.03788	0.00465272	0.441408	-2.26548	0.547871	0.87623	-1.14125	0.0339992	0.584093	-1.71206	3.32789	2.48811	0.664581	1
cg25694755	0.0580922	2.67058	2.67058	0.140771	2.06801	2.06801	0.108999	2.22906	2.22906	0.857172	1.08613	1.08613	3.32783	11.0852	2.96095	1
cg25544073	0.0347616	0.239701	-4.17186	0.724104	0.814078	-1.22838	0.621938	0.749397	-1.33441	0.186624	0.443722	-2.25366	3.37617	16.0117	4.74255	1
cg23412793	0.90408	0.981591	-1.01875	0.00682149	0.582649	-1.7163	0.199771	1.23217	1.23217	0.455067	1.12442	1.12442	3.3278	1.25194	0.334404	1
cg00652332	0.193414	0.632639	-1.58068	0.0333845	0.437308	-2.28672	0.638767	1.17035	1.17035	0.598588	0.838001	-1.19332	3.3278	5.83365	1.55823	1
cg11377136	0.393451	3.97238	3.97238	0.00458595	385.609	385.609	0.0144274	116.475	116.475	0.0436728	38.836	38.836	3.3278	131.229	35.0526	1
cg07491828	0.567853	0.699576	-1.42944	0.0543476	0.258965	-3.86153	0.032375	4.71291	4.71291	0.703274	1.26722	1.26722	3.32777	20.1825	5.39101	1
cg03946324	0.0691822	0.652314	-1.533	0.0130495	0.523557	-1.91001	0.0736711	0.657709	-1.52043	0.97693	0.993942	-1.00609	3.32775	2.32708	0.621596	1
cg18170071	0.364287	0.70064	-1.42727	0.0125698	0.305928	-3.26875	0.117399	0.522574	-1.9136	0.30423	0.666282	-1.50087	3.32773	7.67491	2.05009	1
cg20017797	0.881413	1.02521	1.02521	0.00785337	1.76625	1.76625	0.439401	1.14055	1.14055	0.48736	1.12488	1.12488	3.3277	1.46574	0.391526	1
cg07906262	0.5295	0.806233	-1.24034	0.511241	1.25269	1.25269	0.0194481	2.59926	2.59926	0.0165014	2.69256	2.69256	3.32769	6.0256	1.60955	1
cg19863227	0.70267	0.859839	-1.16301	0.723277	0.869372	-1.15026	0.424545	1.37866	1.37866	0.491626	1.31657	1.31657	3.32763	8.17061	2.18257	1
cg00338002	0.216508	0.616371	-1.6224	0.0476048	0.430418	-2.32332	0.0366789	0.40524	-2.46767	0.256246	0.64342	-1.55419	3.32762	7.29685	1.94917	1
cg03314569	0.106412	0.654769	-1.52726	0.38467	0.807279	-1.23873	0.806807	1.06062	1.06062	0.103709	1.53324	1.53324	3.32758	3.04046	0.812191	1
cg11163933	0.876371	1.02694	1.02694	0.00932084	0.569414	-1.75619	0.913136	1.01881	1.01881	0.225565	1.24272	1.24272	3.32758	1.53644	0.410426	1
cg01065938	0.363938	0.758131	-1.31903	0.638324	0.868913	-1.15086	0.439915	0.791542	-1.26336	0.0134603	0.403303	-2.47952	3.32757	4.64206	1.24003	1
cg15090889	0.476796	1.41948	1.41948	0.0177156	4.04127	4.04127	0.0066854	5.49371	5.49371	0.571727	1.31879	1.31879	3.32757	12.3565	3.30076	1
cg11539992	0.0544247	9.81643	9.81643	0.381499	2.5584	2.5584	0.037926	12.4142	12.4142	0.0263009	15.7653	15.7653	3.32756	57.7248	15.42	1
cg13792037	0.362555	1.32071	1.32071	0.0258429	2.23652	2.23652	0.778367	0.919843	-1.08714	0.261295	1.41765	1.41765	3.60599	4.89838	1.05653	1
cg09648233	0.91343	0.974643	-1.02602	0.0220413	0.5228	-1.91278	0.955415	0.986882	-1.01329	0.289955	1.29615	1.29615	3.32749	2.93962	0.785274	1
cg23450324	0.0121554	0.55251	-1.80992	0.195137	1.29709	1.29709	0.0795994	1.44677	1.44677	0.097552	1.41213	1.41213	3.32748	1.89902	0.507296	1
cg06341748	0.14284	1.37653	1.37653	0.100131	1.4413	1.4413	0.331571	1.2254	1.2254	0.433885	1.17589	1.17589	3.32745	2.16974	0.579622	1
cg17164954	0.286831	1.94469	1.94469	0.0181804	5.60993	5.60993	0.00516867	9.20922	9.20922	0.126116	2.70531	2.70531	3.32744	19.0576	5.09102	1
cg00785856	0.233187	0.441902	-2.26294	0.479161	1.60001	1.60001	0.0264809	0.179288	-5.57761	0.96125	1.03225	1.03225	3.32744	22.4935	6.00889	1
cg16279541	0.0106018	0.479787	-2.08426	0.392549	1.22158	1.22158	0.567843	1.14103	1.14103	0.145315	0.699543	-1.4295	3.32744	2.75154	0.735043	1
cg08141612	0.116412	0.749676	-1.33391	0.382991	0.859777	-1.16309	0.967825	1.00683	1.00683	0.141637	0.765758	-1.3059	3.3274	1.50296	0.401502	1
cg14830466	0.0610865	0.778313	-1.28483	0.301249	0.880571	-1.13563	0.0293616	1.35625	1.35625	0.0294797	1.35585	1.35585	3.3273	0.743033	0.198501	1
cg11582116	0.863819	1.04426	1.04426	0.00220622	0.338739	-2.95213	0.886223	1.03678	1.03678	0.685964	1.108	1.108	3.32727	3.35435	0.896122	1
cg04036777	0.883914	1.05609	1.05609	0.190447	1.67855	1.67855	0.221967	0.619095	-1.61526	0.0325875	2.54548	2.54548	3.32727	7.35327	1.96445	1
cg23534983	0.271013	0.839089	-1.19177	0.304056	0.849629	-1.17698	0.0315425	1.47111	1.47111	0.110928	1.30457	1.30457	3.32727	1.23503	0.329943	1
cg23202926	0.406277	1.25023	1.25023	0.00297016	2.92043	2.92043	0.0625975	1.73469	1.73469	0.667767	1.1202	1.1202	3.32726	3.64131	0.972788	1
cg21450708	0.0702921	4.15618	4.15618	0.691411	1.32435	1.32435	0.768404	0.81228	-1.2311	0.692466	1.323	1.323	3.32725	26.1249	6.97938	1
cg20382675	0.0633933	0.354573	-2.8203	0.0498425	0.329211	-3.03757	0.0901529	0.39551	-2.52838	0.141426	0.455939	-2.19327	3.32725	12.999	3.47275	1
cg12958312	0.508742	0.906294	-1.10339	0.948575	0.990578	-1.00951	0.446541	1.12062	1.12062	0.0367113	1.42793	1.42793	3.32725	1.13525	0.303286	1
cg17036427	0.721767	1.1	1.1	0.017177	2.16854	2.16854	0.00913676	2.41735	2.41735	0.254242	1.37348	1.37348	3.32723	3.74443	1.00035	1
cg03519967	0.0548311	0.378323	-2.64324	0.0228561	0.29658	-3.37177	0.022368	0.294787	-3.39228	0.103614	0.451841	-2.21317	3.32719	10.4973	2.80446	1
cg01700683	0.629169	0.856508	-1.16753	0.0851966	0.54564	-1.83271	0.824088	0.931583	-1.07344	0.0157059	0.389652	-2.56639	3.37553	4.81524	1.42651	1
cg09646946	0.594133	0.658812	-1.51788	0.043175	0.164481	-6.07971	0.0905635	0.235295	-4.24998	0.033115	0.144718	-6.91001	3.32712	31.7252	8.47586	1
cg18719750	0.102756	0.803136	-1.24512	0.121923	0.81392	-1.22862	0.177328	0.838553	-1.19253	0.875916	1.01938	1.01938	3.3271	0.794699	0.212317	1
cg18877285	0.180515	2.75899	2.75899	0.00910975	10.6396	10.6396	0.0157843	8.25503	8.25503	0.143026	3.07522	3.07522	3.32707	26.8388	7.1705	1
cg14222141	0.00144023	0.461111	-2.16868	0.378396	1.16401	1.16401	0.689476	1.06983	1.06983	0.651032	1.07953	1.07953	3.32703	1.48806	0.397569	1
cg06489159	0.697443	0.861037	-1.16139	0.0567316	2.28395	2.28395	0.538589	0.787853	-1.26927	0.247817	0.629579	-1.58836	3.32702	7.72793	2.06469	1
cg03379797	0.306704	0.627331	-1.59405	0.116104	0.4712	-2.12224	0.0765703	0.419797	-2.38211	0.298832	1.60719	1.60719	3.32702	10.2303	2.73327	1
cg05137378	0.76621	1.05816	1.05816	0.00444678	2.05344	2.05344	0.0371511	0.632077	-1.58209	0.250517	0.796399	-1.25565	3.32699	1.89411	0.506059	1
cg18097224	0.35474	1.57384	1.57384	0.00904637	0.205875	-4.85731	0.0241706	0.2779	-3.59842	0.516381	0.730931	-1.36812	3.32695	11.957	3.19463	1
cg22775789	0.352877	0.664399	-1.50512	0.043531	0.370552	-2.69868	0.23128	1.71096	1.71096	0.570135	0.782346	-1.27821	3.32694	9.63929	2.57541	1
cg24950571	0.866467	1.0244	1.0244	0.287125	1.17156	1.17156	0.100983	1.29344	1.29344	0.0484444	1.38125	1.38125	3.32694	1.08129	0.288898	1
cg22929219	0.0946426	0.843077	-1.18613	0.638649	1.04493	1.04493	0.690411	1.0379	1.0379	0.699184	0.964563	-1.03674	3.32691	0.454933	0.12155	1
cg24225147	?	?	?	0.0190723	0.194401	-5.14402	0.403937	0.618883	-1.61581	0.801947	0.8687	-1.15115	3.71184	14.031	3.78007	1
cg14781635	0.733667	0.92258	-1.08392	0.330943	1.26705	1.26705	0.664133	0.902054	-1.10858	0.165697	0.705525	-1.41738	3.32687	2.93327	0.783725	1
cg24180569	0.141979	0.842387	-1.1871	0.117522	0.831368	-1.20284	0.101984	1.21465	1.21465	0.0135973	1.39331	1.39331	3.32679	0.621825	0.166146	1
cg12883295	0.6078	0.881225	-1.13478	0.522787	0.853676	-1.1714	0.822828	1.05631	1.05631	0.142255	0.680224	-1.4701	3.32677	3.14356	0.839936	1
cg15729095	0.115602	1.21558	1.21558	0.0848475	0.804529	-1.24296	0.2002	0.856894	-1.16701	0.0155046	1.40336	1.40336	3.32674	0.686328	0.183383	1
cg09984316	0.342121	0.507837	-1.96914	0.0016032	0.0435776	-22.9476	0.240349	0.426988	-2.34199	0.146611	0.340075	-2.94052	3.32668	25.2495	6.74666	1
cg01613077	0.360376	1.38844	1.38844	0.00381702	0.256307	-3.90158	0.282253	1.47694	1.47694	0.168964	0.5996	-1.66778	3.32664	6.41755	1.71479	1
cg24271718	0.0218324	1.75392	1.75392	0.686879	0.920599	-1.08625	0.0975825	0.689965	-1.44935	0.981133	1.00484	1.00484	3.32664	2.196	0.586779	1
cg01385679	0.620433	0.844118	-1.18467	0.0552076	0.478156	-2.09137	0.403585	1.33661	1.33661	0.079618	0.516641	-1.93558	3.32663	6.07105	1.62221	1
cg25820704	0.780158	1.07604	1.07604	0.71034	1.10265	1.10265	0.691054	1.1103	1.1103	0.322791	1.3067	1.3067	3.32661	3.61442	0.965793	1
cg24838305	0.0356526	0.643168	-1.5548	0.0234311	1.63021	1.63021	0.880827	1.02745	1.02745	0.722656	0.937703	-1.06644	3.32661	1.71646	0.458648	1
cg26660654	0.0206471	0.22202	-4.50409	0.00826752	0.161463	-6.19336	0.160498	0.445077	-2.2468	0.116521	0.398174	-2.51147	3.3266	15.3607	4.10446	1
cg09363892	0.0106223	1.55971	1.55971	0.220378	1.19514	1.19514	0.497262	1.10004	1.10004	0.112831	0.787585	-1.2697	3.32654	1.00846	0.269471	1
cg26381481	0.0674612	0.409291	-2.44325	0.296627	0.623867	-1.6029	0.6258	0.807126	-1.23896	0.154755	0.514775	-1.9426	3.32653	10.0155	2.67627	1
cg26521720	0.273194	1.40039	1.40039	0.0414754	2.00229	2.00229	0.763112	1.09337	1.09337	0.63717	0.869101	-1.15061	3.32648	4.59417	1.22763	1
cg08551725	0.772947	1.09938	1.09938	0.0271125	0.424516	-2.35562	0.0890485	1.8482	1.8482	0.263352	0.682566	-1.46506	3.32647	5.65131	1.51012	1
cg22947094	0.0926209	0.457452	-2.18602	0.00587852	0.217975	-4.58769	0.0193959	0.302827	-3.30222	0.994632	0.997161	-1.00285	3.3748	8.48506	2.51425	1
cg25944168	0.988308	0.99416	-1.00587	0.016065	0.307961	-3.24717	0.0571702	2.36355	2.36355	0.977383	1.0114	1.0114	3.32646	8.41822	2.24949	1
cg20751706	0.258624	1.26382	1.26382	0.481478	0.867504	-1.15273	0.0790998	1.47298	1.47298	0.489083	0.869705	-1.14981	3.32643	2.07899	0.555549	1
cg07335671	0.627362	1.06358	1.06358	0.163287	1.20623	1.20623	0.289265	1.14868	1.14868	0.0500061	1.3253	1.3253	3.32642	0.83657	0.223549	1
cg13871826	0.956651	1.01947	1.01947	0.760785	0.897357	-1.11438	0.0557874	0.463665	-2.15673	0.461886	0.766713	-1.30427	3.32642	6.62714	1.77091	1
cg09663204	0.536031	0.900255	-1.1108	0.167893	0.781574	-1.27947	0.459506	1.1346	1.1346	0.0198157	1.60275	1.60275	3.3264	1.48126	0.395825	1
cg14473646	0.883995	0.969094	-1.03189	0.987804	1.00329	1.00329	0.239148	1.30353	1.30353	0.255329	1.29093	1.29093	3.3264	2.43598	0.650949	1
cg02720342	0.111619	0.432856	-2.31024	0.0335005	0.301086	-3.32131	0.0620356	0.362285	-2.76026	0.0402255	0.318109	-3.14358	3.32639	12.3027	3.28756	1
cg21300382	0.0150232	0.342286	-2.92153	0.263795	0.658503	-1.5186	0.515843	1.26655	1.26655	0.0489288	0.446442	-2.23993	3.32638	6.77683	1.81093	1
cg06713999	0.812684	1.06629	1.06629	0.0207576	2.12275	2.12275	0.266935	0.731453	-1.36714	0.257841	0.72669	-1.3761	3.32636	3.85141	1.0292	1
cg01410923	0.595457	0.766417	-1.30477	0.0204822	0.250015	-3.99976	0.316811	1.67155	1.67155	0.0374848	0.301666	-3.31492	3.32635	12.984	3.46967	1
cg11771234	0.00594356	0.292383	-3.42017	0.669609	1.15803	1.15803	0.0851707	1.91671	1.91671	0.497894	0.790393	-1.26519	3.32632	6.1559	1.64503	1
cg06637618	0.0420789	0.487771	-2.05014	0.0264076	0.446233	-2.24098	0.330108	0.734882	-1.36076	0.040666	0.484609	-2.06352	3.32629	4.94945	1.32265	1
cg19995197	0.104501	0.809913	-1.2347	0.694748	1.04797	1.04797	0.128974	1.21521	1.21521	0.688473	1.04905	1.04905	3.32628	0.743609	0.198716	1
cg05505758	0.558532	0.812365	-1.23097	0.641422	0.848114	-1.17909	0.646059	0.850083	-1.17636	0.225897	0.639751	-1.56311	3.32628	6.49943	1.73686	1
cg10085474	0.904412	0.973228	-1.02751	0.117682	1.46786	1.46786	0.115793	1.47128	1.47128	0.305493	0.786883	-1.27084	3.32626	2.68792	0.718304	1
cg08774350	0.54275	0.811295	-1.2326	0.73947	0.892899	-1.11995	0.644832	0.854235	-1.17064	0.0160289	0.367664	-2.71987	3.3262	6.06933	1.62196	1
cg24715682	0.252436	0.631043	-1.58468	0.672844	1.17769	1.17769	0.237333	1.61083	1.61083	0.783699	1.11179	1.11179	3.32612	7.81274	2.08791	1
cg17708167	0.213801	3.29152	3.29152	0.00993019	19.3762	19.3762	0.0632369	6.69511	6.69511	0.560928	1.70763	1.70763	3.3261	43.6348	11.6613	1
cg20036162	0.991391	0.996018	-1.004	0.515758	1.27597	1.27597	0.0969699	0.509806	-1.96153	0.404848	1.37054	1.37054	3.3261	7.20474	1.92545	1
cg22688043	0.146524	0.336699	-2.97001	0.356649	1.93909	1.93909	0.252571	0.433976	-2.30427	0.0140551	0.120299	-8.31265	3.32608	25.7016	6.8687	1
cg00193613	0.977037	0.988953	-1.01117	0.00614928	0.251689	-3.97316	0.625168	0.826934	-1.20929	0.922896	0.963325	-1.03807	3.32605	7.84694	2.0971	1
cg08939008	0.885585	1.03533	1.03533	0.0039809	0.39311	-2.54381	0.306736	0.774772	-1.2907	0.046552	0.577114	-1.73276	3.32603	3.06369	0.818776	1
cg07890785	0.121045	0.287015	-3.48414	0.0117773	0.0967457	-10.3364	0.104866	0.268235	-3.72807	0.0397827	0.171209	-5.84082	3.32597	29.0381	7.76065	1
cg24044049	0.861761	0.970274	-1.03064	0.0299539	0.642649	-1.55606	0.896515	1.02279	1.02279	0.924175	1.01662	1.01662	3.32596	1.57909	0.422023	1
cg11450546	0.874526	1.05139	1.05139	0.465755	0.790252	-1.26542	0.006641	0.327206	-3.05618	0.689658	0.880476	-1.13575	3.32593	5.29758	1.41583	1
cg23973566	0.341335	0.795404	-1.25722	0.00206326	2.75412	2.75412	0.201118	1.37053	1.37053	0.545468	1.15355	1.15355	3.32591	2.87093	0.767291	1
cg09965939	0.0932541	2.27562	2.27562	0.101582	2.22164	2.22164	0.526626	0.751479	-1.33071	0.266726	0.597308	-1.67418	3.3259	10.4469	2.79208	1
cg06501766	0.195212	0.692969	-1.44307	0.966852	1.01119	1.01119	0.735086	0.913092	-1.09518	0.0154823	0.451541	-2.21464	3.32589	3.77506	1.00894	1
cg27533472	0.235456	0.300413	-3.32876	0.0132567	0.0513677	-19.4675	0.062088	0.131124	-7.62638	0.0460752	0.109611	-9.12315	3.32588	49.2744	13.1693	1
cg22818423	0.456198	0.837305	-1.19431	0.0727991	0.626063	-1.59728	0.836291	0.952738	-1.04961	0.888537	0.967719	-1.03336	3.32588	2.88391	0.770765	1
cg05772218	0.906823	0.95138	-1.05111	0.047861	0.381764	-2.61942	0.0217922	3.22829	3.22829	0.23031	1.70865	1.70865	3.32587	9.54427	2.55085	1
cg20283498	0.659222	0.894767	-1.11761	0.533756	1.17106	1.17106	0.554648	0.860939	-1.16152	0.00638344	0.410954	-2.43336	3.32582	3.30662	0.883757	1
cg26377880	0.118266	2.27406	2.27406	0.0107208	4.72767	4.72767	0.0327976	3.3524	3.3524	0.0233886	3.71415	3.71415	3.32581	12.3604	3.30356	1
cg05720616	0.492504	1.1661	1.1661	0.0159758	1.91615	1.91615	0.123953	0.692622	-1.44379	0.730918	1.07907	1.07907	3.3258	2.55981	0.68416	1
cg09871261	0.241795	1.31656	1.31656	0.0125132	2.00847	2.00847	0.752725	0.931511	-1.07353	0.043499	0.593844	-1.68394	3.32577	2.65421	0.7094	1
cg19523029	0.598965	0.852121	-1.17354	0.503508	1.22719	1.22719	0.397277	0.769987	-1.29872	0.00549797	3.00624	3.00624	3.32576	4.78987	1.28021	1
cg24001597	0.719479	0.900359	-1.11067	0.970615	1.01078	1.01078	0.147662	0.636294	-1.5716	0.0523784	0.5262	-1.90042	3.32571	4.46124	1.19239	1
cg20565912	0.408011	0.848356	-1.17875	0.226422	1.27993	1.27993	0.245723	0.789846	-1.26607	0.00577544	0.495201	-2.01938	3.32567	1.98885	0.531582	1
cg09728459	0.558532	0.930343	-1.07487	0.294893	1.14176	1.14176	0.981369	0.997154	-1.00285	0.484457	1.09058	1.09058	3.32563	0.78446	0.209674	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(111T vs. N)	Fold-Change(111T vs. 105T)	p-value(112T vs. N)	Fold-Change(112T vs. 111T)	p-value(121T vs. N)	Fold-Change(121T vs. 112T)	p-value(347T vs. N)	p-value(347T vs. 121T)	p-value(437T vs. N)	Fold-Change(437T vs. 347T)	p-value(527T vs. N)	Fold-Change(527T vs. 437T)	p-value(537T vs. N)	Fold-Change(537T vs. 527T)	p-value(563T vs. N)	Fold-Change(563T vs. 537T)	F(Test)	SS(Test)	SS(Error)	df
cg01004024	PRDM16;PRDM16	0.0525014	0.886028	1.20575	1.05375	1.00948018	3.19331	3.18363	1.67361	1.67361	0.83519	1.07902	1.07902	1.151057	0.570231	-1.75362	0.07169198	2.08162	2.08362	0.02779936	2.57081	1.03182991	2.4022	2.4022	0.4142	1.35622	1.33559	7.0193	1.87617	1
cg09704422	ZFAT	0.0525034	0.0504803	2.233951	-4.27441	0.00248541	0.0829371	-12.0573	0.0513085	0.235496	-4.24635	0.623701	0.724526	-1.38021	0.0900479	0.29596	-1.37884	0.390317	0.563478	-1.77469	0.0281378	0.184583	-5.41762	0.0476399	0.228532	-4.37575	0.175625	0.391219	-2.55611	0.32554	22.3669	5.97847	1
cg18694780	CXCR7	0.0525039	0.111732	3.06587	3.06587	0.03610449	4.83782	4.83782	0.155143	2.67511	2.67511	0.515007	2.70567	2.70567	0.172197	2.55964	2.55964	0.03846001	4.71639	4.71639	0.0500005	4.24449	4.24449	0.00374276	12.5763	12.5763	0.07017755	3.70361	3.70361	3.32553	22.0336	5.88943	1
cg19402173	CALU;CALU;CALU;CALU	0.0525052	0.013397	4.494508	-2.02221	0.274858	1.29851	1.29851	0.722082	1.08558	1.08558	0.608552	1.887953	-1.12619	0.263848	1.30709	1.30709	0.933187	1.01947	1.01947	0.0159458	0.507352	-1.97102	0.589055	0.882326	-1.13337	0.0684191	1.59851	1.59851	3.3255	2.78437	0.74425	1
cg10328080	C2orf76	0.0525065	0.0353318	12.28341	-7.79175	0.0389242	0.0595634	-16.7888	0.0686512	0.181367	-5.51369	0.217656	0.33742	-2.96367	0.0189743	0.0925847	-10.8009	0.0942114	0.2141	-4.6707	0.0626346	0.172896	-5.78381	0.0336255	0.125507	-7.99554	0.0260685	0.327166	-3.05655	3.25247	36.9597	9.87923	1
cg21607944	HRC	0.0525069	0.0507305	0.51038	-1.95932	0.0116501	0.385726	-2.59251	0.0208216	0.414171	-2.31765	0.152758	0.629574	-1.58838	0.115489	0.566301	-1.76582	0.135541	0.615188	-1.62592	0.0480423	0.505194	-1.97944	0.0143258	0.401566	-2.49025	0.588055	0.84709	-1.17968	3.42545	4.80833	1.28523	1
cg10720646	EIF2C2;EIF2C2	0.0525086	0.969408	1.01079	1.01079	0.00786141	2.59763	2.59763	0.305794	0.741591	-1.34555	0.630754	1.14518	1.14518	0.0134179	0.424437	-2.35606	0.7935044	1.07619	1.07619	0.708844	0.90033	-1.1107	0.122566	1.59735	1.59735	0.809652	0.965304	-1.03594	3.25541	4.1264	1.10299	1
ch.5.2539181R	FAM13B;FAM13B;FAM13B	0.0525093	0.0662209	3.014568	-3.17996	0.0384617	0.148839	-6.76969	0.0124526	0.137792	-5.821	0.0190461	0.200352	-1.69121	0.1641161	0.431346	-2.31832	0.954698	0.968333	-1.0327	0.1832972	0.449129	-2.22651	0.797143	0.90424	-1.15709	0.7750411	0.850188	-1.17622	3.2454	16.8878	4.51682	1
cg09575421	ABCC8	0.0525102	0.150808	0.733871	1.36264	0.396516	0.839896	-1.19062	0.309373	2.81451	2.81451	0.104868	0.19848	0.104868	0.0988081	0.695092	1.43866	0.0238249	0.581585	1.71944	0.0198181	1.76153	1.76153	0.549663	1.82045	0.885443	1.12935	0.570131	0.671387	1.48945	3.32538	2.12685	0.568517	1
cg00814733	CCND2	0.0525103	0.5116	1.12359	1.12359	0.3613343	1.17851	1.17851	0.00172654	2.18713	2.18713	0.535969	1.11595	1.11595	0.2492	1.23469	1.23469	0.872251	0.972224	-1.02857	0.121085	0.745094	-1.34211	0.776439	0.951387	-1.0511	0.1708887	1.29077	1.29077	3.32537	1.61373	0.431359	1
cg27622900	SLC38A9	0.0525111	0.1166647	2.703553	-1.36322	0.2650378	0.609675	-2.5656	0.0622271	0.682878	-1.46439	0.2579758	0.8090303	-1.23609	0.0243407	0.568149	-1.7602	0.335681	0.834904	-1.19774	0.516307	1.12704	1.12704	0.0168888	0.58795	-1.70083	0.0548526	0.580054	-1.72388	3.32515	1.73982	0.465065	1
cg17939040	ACACA;ACACA;ACACA;ACACA;ACACA	0.0525119	0.222234	0.56947	-1.76383	0.865009	0.70818	-1.07818	0.175171	1.8907	1.8907	0.0270779	0.15997	-6.25117	0.123472	0.478014	2.09199	0.154197	0.509273	-1.96358	0.446129	1.41496	0.726641	0.856186	-1.16797	0.170592	0.524371	-1.90705	3.32533	10.3068	2.75509	1
cg10079118	NFIB3;NFIB2;NFIB2	0.0525146	0.574309	1.06734	1.06734	0.2243313	1.36096	1.36096	0.528191	0.926404	-1.07654	0.0945171	1.28401	1.28401	0.301343	1.13085	1.13085	0.078048	1.21629	1.21629	0.0945051	1.07859	-1.02896	0.0975641	0.787858	-1.36933	0.0143767	1.41409	1.41409	3.32527	0.694428	0.185631	1
cg24835025	FAM59C	0.0525151	0.487219	1.24972	1.24972	0.206817	0.662728	-1.50891	0.152907	0.72774	-1.37412	0.605628	0.9253157	-1.07993	7	7	7	0.723286	1.11611	1.11611	0.2015502	1.51708	1.51708	0.1032269	1.73487	1.73437	0.292905	1.40096	1.40096	3.37355	4.53462	1.34417	1
cg23825213	KCNG2	0.0525155	0.0389292	2.61172	2.61172	0.305224	0.625277	-1.53168	0.748184	0.878663	-1.18268	0.182661	1.76461	1.76461	0.134728	0.523299	-1.91095	0.122761	0.510923	-1.95724	0.501956	0.76059	-1.31477	0.0213308	3.51013	0.3980604	0.706466	-1.4155	3.32525	8.493551	2.27044	1
cg04893087	FPARG;CLA	0.0525157	0.460134	0.805311	-1.24176	0.8152371	1.06971	1.06971	0.5749567	1.175571	1.17571	0.726563	0.9038555	-1.10637	0.870535	0.954122	-1.04858	0.213163	0.685884	-1.45797	0.0262496	0.301414	-3.3177	0.0113996	0.401783	-2.4889	0.6454153	0.878238	-1.13864	3.32522	4.365931	1.16709	1
cg10959198	RGMA;RGMA	0.0525169	0.122563	0.158442	-6.31145	0.655604	1.6393	1.6393	0.264738	3.59619	3.59619	0.1356	5.87693	5.87693	0.202467	0.227259	-4.40027	0.962968	0.950162	-1.05245	0.0340511	15.2395	15.2395	0.0113786	32.7334	32.7334	0.0822639	3.32812	3.32812	3.32521	63.8498	17.0682	1
cg04733470	MAST3	0.0525218	0.788999	0.936327	-1.0681	0.179273	1.41855	1.41855	0.241101	1.351211	1.35121	0.0188888	1.797011	1.79701	0.594821	1.14073	1.14073	0.42076	1.22354	1.22354	0.2642743	1.746743	-1.33914	0.0026188	2.77896	2.77896	0.1124664	1.48916	1.48916	3.32519	3.16851	0.847006	1
cg16639071	ZNF649	0.0525181	0.221982	0.643738	-1.5852	0.0967846	1.00543	1.00543	0.0145134	0.811961	-1.23158	0.237522	1.17798	1.17798	0.133932	1.12443	1.12443	0.553045	0.923636	-1.08268	0.0203163	0.569264	-1.75656	0.655257	0.942248	-1.06129	0.0198163	0.998651	-1.00135	3.25119	0.922831	0.246691	1
cg00954996	SKI	0.0525181	0.229393	1.25832	1.25832	0.00353368	2.0554	2.0554	0.0373196	1.55318	1.55318	0.118427	1.36183	1.36183	0.0304666	1.58936	1.58936	0.163668	1.13191	1.13191	0.12857	1.34886	1.34886	0.774062	0.948913	-1.05384	0.954132	1.01053	1.01053	3.25118	1.74801	0.467277	1
cg01403114	CENPK;PPWD1	0.0525196	0.0901552	1.82093	1.82093	0.0427186	2.14557	2.11411	0.263524	1.45361	1.45361	0.0407977	0.4604694	1.129355	0.0715965	0.880533	1.13585	0.0245088	2.36279	2.36279	0.501711	1.24496	1.24496	0.0800244	1.56314	1.86514	0.984062	1.00643	1.00643	3.32515	5.42362	1.44986	1
cg10940698	FBXO34;FBXO34	0.0525205	0.777954	1.12715	1.12715	0.213199	1.74195	1.74195	0.0250032	3.09376	3.09376	0.146922	1.93298	1.93298	0.2057	0.56824	-1.75982	0.0931536	2.58182	2.58182	0.020523	0.308861	-3.23771	0.310394	1.55953	0.397993	0.693233	-1.44252	3.32513	9.43971	2.52347	1
cg00750521	RIS7BP	0.0525211	0.1349888	0.59009	-1.69439	0.0744832	0.615925	-1.62355	0.143655	0.367703	-2.71945	0.0972488	0.2398448	0.2398448	0.0121689	0.960911	-1.04068	0.0780168	0.912629	-1.09579	0.0301707	0.480525	-2.08108	0.0250215	0.887378	-1.12692	0.1530038	0.893717	-1.11892	3.32511	1.64914	0.492555	1
cg24021649	GPR4	0.0525218	0.652268	1.87211	-1.14663	0.371656	0.758288	-1.31876	0.104307	0.585299	-1.70853	0.124627	0.60562	-1.6512	0.00770245	0.356001	2.80898	0.1446886	0.623405	-1.60409	0.00392773	0.310169	-3.22405	0.116843	0.59815	-1.67182	0.230235	0.684073	1.46183	3.32509	4.79175	1.28097	1
cg23448153	NANOS2	0.0525222	0.0300322	2.24995	-4.0008	0.842418	1.1142	1.1142	0.225585	0.500882	-1.99648	0.0670091	0.327792	-3.05075	0.0942125	0.124681	-8.02048	0.0842559	0.354277	-2.82265	0.177281	0.458854	-2.17934	0.049531	0.295991	-3.37848	0.0901541	0.362542	-2.7583	3.32509	15.5429	4.15504	1
cg03213152	KCNC3	0.0525231	0.0546003	1.182	1.182	0.3223058	0.992573	-1.00748	0.0490754	1.18676	1.18676	0.607248	1.04044	1.04044	0.3723351	1.07255	1.07255	0.213633	0.685884	-1.45797	0.0262496	0.301414	-3.3177	0.0113996	0.401783	-2.4889	0.6454153	0.878238	-1.13864	3.32522	4.365931	1.16709	1
cg07178945	FGF23;FGF23	0.0525232	0.410387	1.44106	1.44106	0.00300317	5.8495	5.8495	0.102095	2.18465	2.18465	0.702187	1.18146	1.18146	0.0863647	0.493426	-2.2757	0.706611	0.848636	-1.17836	0.229563	0.578575	-1.72838	0.614793	1.24637	1.24637	0.665272	1.20795	1.20795	3.32506	9.92033	2.652	1
cg09431162	GINS3;GINS3;GINS3	0.0525245	0.431232	1.41065	1.41065	0.580997	1.41855	1.41855	0.241101	1.351211	1.35121	0.0188888	1.797011	1.79701	0.594821	1.14073	1.14073	0.42076	1.22354	1.22354	0.2642743	1.746743	-1.33914	0.0026188	2.77896	2.77896	0.1124664	1.48916	1.48916	3.32519	3.16851	0.847006	1
cg16570801	PLA2G6;PLA2G6	0.052525	0.76669	-1.96124	-1.04032	0.443831	0.91495	-1.10927	0.378132	0.888816	-1.12763	0.638798	1.06481	1.06481	0.2708171	0.860841	-1.16165	0.5533045	0.923636	-1.08268	0.0203163	0.569264	-1.75656	0.655257	0.942248	-1.06129	0.0198163	0.998651	-1.00135	3.25119	0.922831	0.246691	1
cg13512204	PCSK5	0.0525283	0.425611	0.95977	-1.04192	0.907142	1.00591	1.00591	0.559861	0.970582	-1.0302	0.950025	1.00317	1.00317	0.795595	0.986983	-1.01319	0.5593565	0.970645	-1.03024	0.0362978	0.884401	-1.13071	0.0149547	1.16301	1.16301	0.0143742	1.1645	1.1645	3.32494	0.134134	0.0358593	1
cg02111715	C20orf20	0.0525292	0.8140923	1.094956	-1.05937	0.3213457	1.24367	1.24367	0.0233257	2.11411	2.11411	0.263524	1.45361	1.45361	0.0407977	0.460694	-1.29133	0.0245088	2.36279	2.36279	0.501711	1.24496	1.24496	0.0800244	1.56314	1.86514	0.984062	1.00643	1.00643	3.32515	5.42362	1.44986	1
cg01060861	MKX	0.0525302	0.267363	0.42346	-2.3615	0.135709	0.30609	0.30609	0.344098	2.06292	2.06292	0.949795	1.04794	1.04794	0.802987	1.2043	1.2043	0.475981	0.583322	-1.71432	0.490193	1.16994	1.66994	0.0013655	31.6845	31.6845	0.454538	1.76212	1.76212	3.32489	29.1229	7.78583	1
cg15420066	FAM71D	0.0525307	0.0798209	1.91439	-1.91439	0.0744832	0.615925	-1.62355	0.143655	0.367703	-2.71945	0.0972488	0.2398448	0.2398448	0.0121689	0.960911	-1.04068	0.0780168	0.912629	-1.09579	0.0301707	0.480525	-2.08108	0.0250215	0.887378	-1.12692	0.1530038	0.893717	-1.11892	3.32511	1.64914	0.492555	1
cg24612707	C7orf68;C7orf68	0.0525354	0.220953	1.83488	1.83488	0.435171	1.45585	1.45585	0.0792448	2.50709	2.50709	0.647274	1.24274	1.24274	0.727778	0.848026	1.17921	0.0331302	2.2382	2.2382	0.0158129	4.0336	4.0336	0.0049731	5.77776	5.77776	0.153309	2.05711	2.05711	3.32477	11.7175	3.33271	1
cg17549513	DHRS7C	0.0525355	0.534591	0.83177	-1.22885	0.799784	1.08684	1.08684	0.39307	1.33434	1.33434	0.836027	0.9343344	-1.07027	0.0375622	0.277537	-3.60312	0.164964	1.62476	1.62476	0.0618118	1.99209	1.99209	0.345524	1.37483	1.37483	0.255677	1.47523	1.47523	3.32476	5.653151	1.51149	1
cg23553799	VWF	0.0525362	0.111636	2.08759	2.08759	0.1124349	0.0183925	3.43655	0.0013767	2.36702	2.36702	0.0139849	2.70562	2.70562	0.260524	1.5453	1.5453	0.182823	1.8237	1.8237	0.0182666	2.5341	2.5341	0.018266	3.37189	3.37189	0.560732	2.40845	2.40845	3.32475	2.47905	0.53428	1
cg08857479	HOXC11	0.0525377	0.290814	0.860895	-1.16158	0.0767268	0.764156	-1.30863	0.741499	1.04627	1.04627	0.418437	1.1196	1.1196	0.659333	0.941184	-1.06249	0.498602	0.910407	-1.09841	0.00375167	0.585891	-1.7068	0.093367	0.77711	-1.28682	0.0228584	0.689301	-1.45075	3.32471	0.983052	0.262827	1
cg13728285	ACTL7B	0.0525386	0.5313836	1.09994	1.09994	0.2722076	1.17976	1.17976	0.423854	1.21654	1.21654	0.645723	1.077312	1.077312	0.4813139	0.842103	-1.1875	0.444002	0.8221	-1.2159	0.0443792	0.49122	-2.03581	0.0426155	0.833695	-1.19948	0.326466	0.833695	-1.19948	3.32466	1.034271	0.308481	1
cg04100696	DKK3;DKK3;DKK3	0.0525393	0.822797	1.09048	1.09048	0.0926818	0.488457	-2.04308	0.371174	4.24558	4.24558	0.703088	0.862537	-1.15937	0.849142	0.92923	-1.07616	0.225706	0.611841	-1.63441	0.0238132	0.352489	-2.83705	0.00280442	2.2039	-4.90436	0.834004	0.921886	-1.08473	3.32466	7.85142	2.09918	1
cg25288464	HSPA8;HSPA8	0.0525405	0.725925	1.03963	1.03963	0.0123063	1.41089	1.41089	0.0122383	1.41144	1.41144	0.0737414	0.802434	-1.24621	0.759404	0.1045	1.0345	0.991329	0.998801	-1.0012	0.420459	0.913126	-1.09514	0.258956	0.878056	-1.13888	0.911149	0.98775	-1.0124	3.32464	0.641973	0.17164	1
cg20850055	PABPC1L	0.0525412	0.3636324	0.78553	-1.27292	0.3626214	0.892002	-1.12079	0.19776	0.742855	-1.34627	0.0981259	0.7211654	-1.38589	0.0422284	0.584259	-1.71125	0.4644613	0.8221	-1.2159	0.0443792	0.49122	-2.03581	0.0426155	0.833695	-1.19948	0.326466	0.833695	-1.19948	3.32466	1.034271	0.308481	1
cg04459945	TMC8;TMC6	0.0525413	0.210418	0.451624	-2.21423	0.0316379	0.219236	-4.5613	0.00970763	0.139385	-7.17435	0.575385	0.711154	-1.40616	0.0535959	0.267002	-3.74528	0.295504	0.52068	-1.92029	0.0158034	0.168473	-5.93566	0.0448554	0.249868	-4.00231	0.0407744	0.255831	-3.90884	3.32462	19.1023	5.10729	1
cg04372519	GLTSCR1	0.0525417	0.1282	1.182	1.182	0.3223058	0.992573	-1.00748	0.0490754	1.18676	1.18676	0.607248	1.04044	1.04044	0.3723351	1.07255	1.07255	0.222704	0.685884	-1.45797	0.0262496	0.301414	-3.3177	0.0113996	0.401783	-2.4889	0.6454153	0.878238	-1.13864	3.32522	4.365931	1.16709	1
cg24191426	LRRC48;LRRC48;LRRC48;LRRC48	0.0525417	0.0121086	0.218603	-4.57449	0.00952047	0.202597	-4.9359	0.0276382	0.281999	-3.54611	0.225884	0.538912	-1.85559	0.0660139	0.366942	-2.72522	0.177209	0.497983	-2.0081	0.31204	0.292584	-3.41782	0.587916	0.76648	-1.30467	0.244075	0.552982	-1.80838	3.32461	12.4425	3.3267	1
cg20850055	PABPC1L	0.0525412	0.3636324	0.78553	-1.27292	0.3626214	0.892002	-1.12079	0.19776	0.742855	-1.34627	0.0981259	0.7211654	-1.38589	0.0422284	0.584259	-1.71125	0.4644613	0.8221	-1.2159	0.0443792	0.49122	-2.03581	0.0426155	0.833695	-1.19948	0.326466	0.833695	-1.19948	3.32466	1.034271	0.308481	1
cg04549545	TMC8;TMC6	0.0525413	0.210418	0.451624	-2.21423	0.0316379	0.219236	-4.5613	0.00970763	0.139385	-7.17435	0.575385	0.711154	-1.40616	0.0535959	0.267002	-3.74528	0.295504	0.52068	-1.92029	0.0158034	0.168473	-5.93566	0.0448554	0.249868	-4.00231	0.0407744	0.255831	-3.90884	3.32462	19.1023	5.10729	1
cg04372519	GLTSCR1	0.0525417	0.1282	1.182	1.182	0.3223058	0.992573	-1.00748	0.0490754	1.18676	1.18676	0.607248	1.04044	1.04044	0.3723351	1.07255	1.07255	0.222704	0.685884	-1.45797	0.0262496	0.301414	-3.3177	0.0113996	0.401783	-2.4889	0.6454153	0.878238	-1.13864	3.32522	4.365931	1.16709	1
cg24191426	LRRC48;LRRC48;LRRC48;LRRC48	0.0525417	0.0121086	0.218603	-4.57449	0.00952047	0.202597	-4.9359	0.0276382	0.281999	-3.54611	0.225884	0.538912	-1.85559	0.0660139	0.366942	-2.72522	0.177209	0.497983	-2.0081	0.31204	0.292584	-3.41782	0.587916	0.76648	-1.30467	0.244075	0.552982	-1.80838	3.32461	12.4425	3.3267	1
cg04344149	SLN	0.0525419	0.00470999	5.00578	5.00578	0.109476	0.918313	1.93813	0.679322	1.89523	1.89523	0.971894	1.02522	1.02522	0.579774	0.917092	-1.08974	0.419855	1.40844	1.40844	0.1644426	0.993991	-1.00602	0.0107017	4.44411	4.44411	0.0477143	2.64948	2.64948	3.32453	9.65413	2.58927	1
cg07880928	PCSK2	0.0525471	0.0615498	2.16394	-2.16394	0.87007	1.16182	1.16182	0.0842	2.50709	2.50709	0.647274	1.24274	1.24274	0.727778	0.848026	1.17921	0.137922	1.79562	1.79562	0.0659554	0.254829	-3.92493	0.0139543	0.795293	0.979217	0.979217	-1.02122	3.32448	7.09694	1.80012	1
cg24652994	CADPS2;CADPS2;CADPS2	0.0525474	0.336371	0.844294	-1.18442	0.106922	0.740431	-1.35056	0.0985959	0.731981	-1.36243	0.56878	0.906339	-1.10334	0.671803	1.07548	1.07548	0.20501	1.25651	1.25651	0.520649	1.11759	1.11759	0.00266415	0.491946	-2.03274	0.221308	0.802904	-1.24548	3.32447	1.53507	0.410443	1
cg23206385	STARD10	0.0525483	0.1546631	1.58944	1.58944	0.478366	1.47301	1.47301	0.127757	2.24967	2.24967	0.0332125	2.21511	2.21511	0.263524	1.45361	1.45361	0.0407977	0.460694	-1.29133	0.0751965	0.880533	1.13585	0.0245088	2.36279	2.36279	0.501711	1.24496	1.24496	0.0800244	1.56314	1.86514	0.984062	1.00643	1.00643	3.32515	5.42362	1.44986	1
cg07014267	ZNF830;CCTC6B;ZNF830	0.0525484	0.0963371	1.5027	1.5027	0.0331177	0.405869	-2.46385	0.548244	1.14512	1.14512	0.520084	1.15657	1.15657	0.311832	0.791856	-1.26286	0.075359	0.643004	-1.5552	0.541776	1.1477	1.1477	0.865191	1.03863	1.03863	0.877201	0.966098	-1.03509	3.32445	2.6195	0.700401	1
cg05422096	ANKRD1	0.0525494	0.0596852	0.408428	-2.44848	0.00520507	0.211454	-4.72917	0.038147	0.363255	-2.75288	0.934413	0.965912	-1.03529	0.0488496	0.387547	-2.58034	0.0627734	0.413845	-2.41637	0.136869	0.509029	-1.96452	0.0412663	0.370763	-2.69734	0.467525	0.732139	-1.36549	3.32442	3.94021	2.4998	1
cg24765446	WFDC6	0.0525499	0.04181	0.18203	-5.49361	0.0393052	0.213382	-4.68643	0.0234259	0.266274	-3.75553	0.218815	0.391273	-2.55576	0.0288231	0.154049	-6.49009	0.074087	0.192308	-5.2	0.0164907	0.076765	-13.0268	0.0385537	0.139736	-6.69035	0.0121248	0.385382	-2.59463	3.32441	2.7157	0.7169	1
cg10644206	SORC2	0.0525509	0.0655061	0.492251	-2.03149	0.0831279	0.0257192	-9.19301	0.0257192	0.490237	-2.03975	0.0748356	0.1555	0.0881264	0.3128285	0.319606	0.524006	0.52406	1.2479	1.24779	0.237123	0.480254	-2.44825	0.335638	0.711476	-1.40553	0.220823	0.643194	-1.55474	3.32439	6.18943	1.65496	1
cg25328403	MAML1;MAML1	0.0525512	0.967921	1.03485	1.03485	0.2722076	1.17976	1.17976	0.423854	1.21654	1.21654	0.645723	1.077312	1.077312	0.4813139	0.842103	-1.1875	0.444002	0.8221	-1.2159	0.0443792	0.49122	-2.03581	0.0426155	0.833695	-1.19948	0.326466	0.833695	-1.19948	3.32466	1.034271	0.308481	1
cg14789178	VMAC;NDUFA11	0.0525563	0.268577	1.26059	1.26059	0.385744	1.19567	1.19567	0.984858	0.996193	-1.00382	0.10374	1.42984	1.42984	0.162612	1.3493	1.3493	0.008958	0.512219	-1.95229	0.190584	0.756879	-1.32122	0.112804	0.706882	-1.41466	0.165192	0.742663	-1.34651	3.32426	2.12648	0.56861	1
cg25055056	SETD1B	0.0525568	0.0545257	0.715529	-1.40148	0.0107479	0.089778	-1.64209	0.973179	1.00522	1.00522	0.519774	0.917092	-1.0894	0.2577192	1.21094	1.21094	0.168608	0.939166	-1.06477	0.0240969	0.513318	1.51318	0.0441249	0.887358	-1.12707	0.387474	1.14691	1.14691	3.32425	1.26067	0.337099	1
cg12229171	MGST2;MGST2	0.0525597	0.0473442	2.300657	-4.33543	0.149622	2.7182	2.71482	0.413743	0.586252	-1.71628	0.0742825	0.276449	-3.61731	0.390754	0.5663369	1.76563	0.339698	0.529325	1.8892	0.27638	0.480973	-2.07912	0.0123586	0.650706	-1.53679	0.0101467	0.63602	1.81602	3.32418	2.02013	0.583364	1
cg26843469	NAP1L4	0.0525612	0.0186118	0.58162	-1.71933	0.58545	1.1103	1.1103	0.840949	1.03891	1.03891	0.71463	0.932618	-1.07225	0.8995593	1.02428	1.02428	0.260593	0.800199	-1.24969	0.00554696	1.99815	1.99815	0.349952	0.832964	-1.20053	0.3114473	1.21847	1.21847	3.32414	1.89978	0.50801	1
cg18221576	HSPG2	0.0525613	0.774973	1.031272	1.031272	0.6060075	1.076575	1.076575	0.162804	1.454905	1.454905	0.144096	1.22775	1.22775	0.168534	1.4958	1.4958	0.449161	0.859712	1.163357	0.3578548	1.27855	1.27855	0.0197076	1.43456	2.113375	0.65181	1.543419	1.543419	3.32411	3.32409	0.868463	0.26208	1
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19120125	TAS2R10	0.052627	0.770847	0.951778	-1.05067	0.015993	0.607084	-1.64722	0.059631	0.697879	-1.43291	0.068079	0.707683	-1.41306	0.0367827	1.50757	1.50757
cg13676431	CDCP2	0.0526286	0.324981	0.892103	-1.12095	0.137121	1.19706	1.19706	0.679661	1.04775	1.04775	0.347378	1.11482	1.11482	0.00730427	1.47488	1.47488
cg13089765	SLC30A7;SLC30A7	0.0526295	0.0604363	0.586694	-1.70447	0.0391308	0.548125	-1.8244	0.218227	0.721671	-1.38567	0.0699868	0.600344	-1.66571	0.255442	0.741549	-1.34853
cg10134651	WIZ	0.0526338	0.604849	0.91646	-1.09116	0.253214	1.22071	1.22071	0.0322865	1.5204	1.5204	0.822136	0.96307	-1.03835	0.926944	0.98479	-1.01544
cg16838132	SMCR7L	0.0526373	0.676599	0.909289	-1.09976	0.00424507	0.419975	-2.38109	0.190231	0.730168	-1.36955	0.49771	1.1689	1.1689	0.960907	1.01117	1.01117
cg11879577	ARL6IP1	0.0526381	0.148506	1.76983	1.76983	0.65799	1.17836	1.17836	0.084595	2.01918	2.01918	0.160176	1.73804	1.73804	0.819218	0.919127	-1.08799
cg05427639	NT5C3;NT5C3;NT5C3;NT5C3;NT5C3;NT5C3	0.0526384	0.117978	0.671135	-1.49001	0.151145	1.43531	1.43531	0.218069	0.737588	-1.35577	0.092587	0.647391	-1.54466	0.0199548	0.516934	-1.93448
cg26467774	KIF9;KIF9;KLHL18;KIF9	0.0526397	0.423984	0.842659	-1.18672	0.00180375	0.394354	-2.53579	0.276302	0.78867	-1.26796	0.135782	0.71389	-1.40078	0.264031	0.783424	-1.27645
cg20158317	AHSA2;AHSA2	0.0526405	0.697821	1.11807	1.11807	0.690756	1.12118	1.12118	0.680078	1.12593	1.12593	0.881402	0.958195	-1.04363	0.65591	1.13687	1.13687
cg10963793	CCNT1	0.0526419	0.036711	0.351444	-2.8454	0.114844	0.477691	-2.0934	0.031832	0.33825	-2.95639	0.981443	1.01007	1.01007	0.0126983	0.2633	-3.79795
cg12939049	CLNK	0.0526438	0.801456	0.955867	-1.04617	0.410125	0.859942	-1.16287	0.0206176	0.606862	-1.64782	0.236835	1.2486	1.2486	0.0668054	0.692037	-1.44501
cg14219787	ZNF786	0.0526444	0.0149114	0.57293	-1.74542	0.358738	1.19192	1.19192	0.210483	0.782327	-1.27824	0.982586	1.00407	1.00407	0.0352771	0.633737	-1.57794
cg03121337	DFFB	0.0526445	0.100186	0.81325	-1.22963	0.766783	1.03472	1.03472	0.0558142	0.779835	-1.28232	0.680953	1.04859	1.04859	0.650644	1.05372	1.05372
cg01613122	SFRP4	0.0526449	0.199337	0.697756	-1.43317	0.639744	0.882401	-1.13327	0.46194	0.819757	-1.21987	0.329057	1.30647	1.30647	0.0160688	2.18564	2.18564
cg18477315	GOLGA5	0.0526454	0.623203	0.929845	-1.07545	0.250935	1.19268	1.19268	0.948475	1.00954	1.00954	0.0117973	0.630079	-1.5871	0.0161882	1.54044	1.54044
cg14863489	MTBP;MRPL13	0.0526455	0.874162	1.02528	1.02528	0.183754	1.24873	1.24873	0.806583	0.9621	-1.03939	0.0199797	0.64257	-1.55625	0.0398589	0.687831	-1.45385
cg12573115	GPRIN2	0.052646	0.0899084	2.45266	2.45266	0.0745441	2.59473	2.59473	0.170785	2.01379	2.01379	0.64437	1.24993	1.24993	0.234063	1.81978	1.81978
cg19584674	KHNYN;CBLN3	0.0526461	0.0414102	0.187134	-5.34375	0.535486	1.5638	1.5638	0.715394	1.29812	1.29812	0.247414	0.422452	-2.36713	0.12946	0.311223	-3.21313
cg24775496	FLRT2	0.0526465	0.974455	0.994748	-1.00528	0.134481	1.30392	1.30392	0.110275	0.751102	-1.33138	0.00328873	1.93211	1.93211	0.657935	0.929342	-1.07603
cg13254221	ERICH1	0.0526467	0.659113	0.860945	-1.16151	0.571309	0.824525	-1.21282	0.00328914	0.259057	-3.86015	0.701279	0.878104	-1.13882	0.126555	0.572696	-1.74613
cg11687809	GABRD	0.0526468	0.959245	0.981425	-1.01893	0.226261	1.59393	1.59393	0.0767802	2.05886	2.05886	0.870846	1.06152	1.06152	0.0287899	0.388254	-2.57563
cg01758885	MLST8	0.0526472	0.0702043	0.770478	-1.2979	0.15815	1.21455	1.21455	0.938325	1.01002	1.01002	0.146083	0.817901	-1.22264	0.756402	1.0409	1.0409
cg08709863	ADAMTS14;ADAMTS14	0.0526474	0.0110871	0.425021	-2.35282	0.228252	0.711961	-1.40457	0.0102573	0.419281	-2.38504	0.0407485	0.530165	-1.8862	0.0602225	0.565871	-1.76719
cg14414792	ATOH7	0.0526498	0.394453	1.65791	1.65791	0.00215471	12.1454	12.1454	0.0234688	4.80084	4.80084	0.262132	1.96942	1.96942	0.578558	1.38437	1.38437
cg05723989	C1orf133;SERTAD4	0.0526515	0.0562834	2.01192	2.01192	0.324126	0.719396	-1.39006	0.205533	0.649245	-1.54025	0.423974	0.767895	-1.30226	0.0119199	0.362437	-2.7591
cg03184588	FAM60A;FAM60A;FAM60A	0.0526516	0.895741	1.04625	1.04625	0.0270199	2.46666	2.46666	0.0461655	0.454831	-2.19862	0.910586	0.962002	-1.0395	0.0621613	0.48476	-2.06288
cg26672672	TNS3	0.0526519	0.807962	1.06237	1.06237	0.0425283	0.55974	-1.78654	0.975213	0.99231	-1.00775	0.0295358	1.89018	1.89018	0.399459	0.807096	-1.23901
cg24469412	LYPD1;NCKAP5;NCKAP5	0.052652	0.0778871	0.571603	-1.74947	0.0255362	0.468825	-2.13299	0.0213552	0.45402	-2.20255	0.831154	0.940865	-1.06285	0.182006	0.66738	-1.4984
cg04297258	RNF166;CTU2;CTU2	0.0526522	0.0606659	0.822274	-1.21614	0.331403	1.09716	1.09716	0.0179711	1.30475	1.30475	0.111967	0.852025	-1.17367	0.77399	1.027	1.027
cg21434949	TMEM132C	0.0526576	0.990158	0.997749	-1.00226	0.111909	0.728891	-1.37195	0.917415	1.01913	1.01913	0.27494	1.23059	1.23059	0.385575	0.850021	-1.17644
cg00577417	ZNF219;ZNF219;ZNF219	0.0526583	0.391182	1.25931	1.25931	0.0442766	1.83374	1.83374	0.791639	1.07196	1.07196	0.0939769	1.62136	1.62136	0.906687	0.969695	-1.03125
cg15836660	EDNRB;EDNRB;EDNRB	0.0526599	0.313593	1.14991	1.14991	0.0355545	1.3881	1.3881	0.171275	1.21558	1.21558	0.060909	0.753433	-1.32726	0.764624	0.960555	-1.04106
cg26305986	RAMP1	0.05266	0.886138	0.979593	-1.02083	0.0363016	0.704508	-1.41943	0.866588	0.976095	-1.02449	0.605728	1.07781	1.07781	0.405898	0.884828	-1.13016
cg21140246	STK11IP	0.0526606	0.282296	0.921885	-1.08473	0.493357	0.950621	-1.05194	0.518112	0.953424	-1.04885	0.0146958	0.803616	-1.24438	0.00382056	0.752831	-1.32832
cg06389554	C20orf194	0.0526606	0.823635	0.975497	-1.02512	0.433059	1.09299	1.09299	0.108449	1.21484	1.21484	0.713127	0.95979	-1.04189	0.368356	1.10815	1.10815
cg09885657	F10	0.0526611	0.397526	0.747612	-1.33759	0.650939	0.858184	-1.16525	0.0140359	0.361208	-2.76849	0.106837	0.553703	-1.80602	0.00427247	0.277069	-3.6092
cg18646365	CRABP1	0.0526614	0.320155	2.00993	2.00993	0.0217488	6.50042	6.50042	0.165088	2.73547	2.73547	0.0329296	5.4484	5.4484	0.844032	1.14323	1.14323
cg05633605	ANKRD55	0.0526615	0.0904869	0.659589	-1.5161	0.422392	1.20061	1.20061	0.258343	0.768649	-1.30098	0.299093	0.786549	-1.27138	0.00252294	0.392354	-2.54872
cg21806100	IQGAP2	0.0526618	0.777643	1.09713	1.09713	0.0260886	0.421297	-2.37362	0.0164506	0.382992	-2.61102	0.36743	0.738501	-1.35409	0.00553489	0.303136	-3.29885
cg09531436	MICA	0.0526618	?	?	?	0.947962	0.948262	-1.05456	0.721754	1.33838	1.33838	0.282408	2.51384	2.51384	?	?	?
cg24838010	SLC26A11;SLC26A11;SLC26A11;SGSH;SLC26A11	0.0526629	0.0884308	1.50328	1.50328	0.0365854	1.6935	1.6935	0.039998	1.67326	1.67326	0.0304466	1.73606	1.73606	0.323708	1.24738	1.24738
cg06107104	MYO15B	0.052663	0.0297679	0.38023	-2.62999	0.0431623	0.414971	-2.4098	0.166986	0.572917	-1.74545	0.0695541	0.464202	-2.15424	0.0157858	0.32687	-3.05932
cg16244664	PIWIL1	0.052663	0.593962	0.806972	-1.2392	0.0199645	3.06296	3.06296	0.210789	1.69138	1.69138	0.223673	1.66453	1.66453	0.242998	0.614492	-1.62736
cg08819417	FAM100A	0.0526631	0.384952	1.20846	1.20846	0.668781	1.0958	1.0958	0.0169611	0.538505	-1.85699	0.598598	0.893224	-1.11954	0.0627616	0.640775	-1.56061
cg15012214	ARHGEF3;ARHGEF3;ARHGEF3	0.0526635	0.0352115	0.335077	-2.98439	0.0179326	3.60447	3.60447	0.467602	1.39022	1.39022	0.112736	0.463216	-2.15882	0.241005	1.72827	1.72827
cg09969989	CNGA4	0.0526641	0.283875	0.753115	-1.32782	0.142136	0.669047	-1.49466	0.921369	1.02546	1.02546	0.86046	1.04583	1.04583	0.00323688	0.359576	-2.78105
cg25925177	CCDC88B	0.0526663	0.643961	0.918016	-1.08931	0.52953	0.889524	-1.1242	0.909355	0.979284	-1.02115	0.806468	0.955888	-1.04615	0.00530419	0.508976	-1.96473
cg14240768	RPS7	0.052667	0.167103	2.13457	2.13457	0.154427	2.19194	2.19194	0.208227	0.505058	-1.97997	0.262781	1.82412	1.82412	0.0287028	0.264878	-3.77532
cg05855724	DAAM1	0.0526684	0.0128783	0.420767	-2.37661	0.0681362	0.564048	-1.7729	0.0947051	0.597587	-1.6734	0.652025	0.88051	-1.13571	0.468435	0.813188	-1.22973
cg10935720	AARSD1;AARSD1;AARSD1;AARSD1;RUNDC1	0.0526699	0.11846	1.58385	1.58385	0.602452	1.15325	1.15325	0.899727	1.03479	1.03479	0.453196	1.23038	1.23038	?	?	?
cg23353672	ALKBH5	0.0526701	0.0334416	2.89272	2.89272	0.689284	1.18743	1.18743	0.0937923	2.19821	2.19821	0.149307	1.93656	1.93656	0.0346474	2.86557	2.86557
cg11900509	ANXA11;ANXA11;ANXA11	0.0526712	0.824655	1.15506	1.15506	0.130381	0.346018	-2.89003	0.00829896	0.111667	-8.95517	0.821068	0.863152	-1.15854	0.00462929	0.0865198	-11.558
cg24044147	ECD;FAM149B1;ECD;ECD;ECD	0.0526716	0.096523	0.705225	-1.41799	0.0778528	0.687256	-1.45506	0.995956	0.999031	-1.00097	0.889164	0.973664	-1.02705	0.758864	0.94277	-1.0607
cg08038402	DLGAP2	0.0526717	0.320659	1.43144	1.43144	0.148035	1.72019	1.72019	0.321216	0.698903	-1.43081	0.150729	1.71317	1.71317	0.226599	0.641602	-1.5586
cg00827745	IGSF21	0.052672	0.530801	1.16576	1.16576	0.0977204	1.55099	1.55099	0.0259424	1.89386	1.89386	0.0132528	0.476389	-2.09912	0.933709	0.980104	-1.0203
cg05034446	IRF6	0.0526722	0.0486711	0.183696	-5.44377	0.151516	0.314624	-3.1784	0.0688028	0.215983	-4.62999	0.0448264	0.176768	-5.65715	0.00567784	0.065204	-15.3365
cg12697442	YAP1;YAP1	0.0526724	0.784629	1.06115	1.06115	0.590661	0.889011	-1.12485	0.411893	1.19935	1.19935	0.456305	0.84842	-1.17866	0.0717743	0.646912	-1.54581
cg13302197	SNORD115-10	0.0526733	0.00751514	0.42511	-2.35233	0.015379	0.477336	-2.09496	0.0583926	0.587562	-1.70195	0.423312	0.815998	-1.22549	0.0140669	0.470609	-2.12491
cg11378740	BAT3;BAT3;BAT3;BAT3	0.0526738	0.942374	0.988359	-1.01178	0.112116	0.755641	-1.32338	0.805286	0.960787	-1.04081	0.60553	1.08804	1.08804	0.136949	0.771456	-1.29625
cg21232754	QSOX2	0.0526739	0.00529216	0.556755	-1.79612	0.10171	1.33034	1.33034	0.957293	1.00857	1.00857	0.994214	1.00116	1.00116	0.0885051	0.741276	-1.34903
cg08536961	COL29A1;COL29A1	0.0526741	0.108823	0.222005	-4.50441	0.220983	0.330461	-3.02607	0.296267	0.393759	-2.53962	0.094528	0.205645	-4.86274	0.0330689	0.117111	-8.53889
cg15021707	NUP62CL	0.0526745	0.187646	0.817986	-1.22251	0.0370686	0.705863	-1.41671	0.217528	0.829726	-1.20522	0.0916054	1.30639	1.30639	0.0136858	0.644877	-1.55068
cg03015370	FOXA1	0.0526758	0.491984	1.14842	1.14842	0.0453594	1.57645	1.57645	0.0895512	1.44941	1.44941	0.395838	0.841627	-1.18817	0.759528	0.940938	-1.06277
cg23617392	CNKSR2;CNKSR2;CNKSR2;CNKSR2	0.0526765	0.0575348	0.260576	-3.83765	0.877168	0.907697	-1.10169	0.786216	0.843477	-1.18557	0.149142	0.379613	-2.63426	0.0339804	0.212302	-4.71026
cg12458714	LOC150622	0.0526772	0.255488	1.41413	1.41413	0.0130563	2.45672	2.45672	0.143831	1.58155	1.58155	0.0806463	1.7604	1.7604	0.0966821	1.70286	1.70286
cg02231052	RPS3;SNORD15A	0.0526781	?	?	?	0.150628	2.3811	2.3811	0.051076	3.53779	3.53779	0.0943576	2.82864	2.82864	0.717372	1.22466	1.22466
cg02341380	ANKRD58	0.0526792	0.081598	1.99549	1.99549	0.035199	0.415567	-2.40635	0.525423	0.79427	-1.25902	0.38462	1.37586	1.37586	0.0484931	0.446265	-2.24082
cg07033292	TBC1D2B;LOC91450;TBC1D2B	0.0526793	0.00942206	0.379588	-2.63443	0.415359	0.782675	-1.27767	0.600816	0.856085	-1.16811	0.0954738	0.583287	-1.71442	0.589472	0.851853	-1.17391
cg10378032	RAVER2	0.0526793	0.0382893	0.414907	-2.41018	0.641704	1.18733	1.18733	0.612709	0.829407	-1.20568	0.544048	0.79851	-1.25233	0.00358947	0.235744	-4.24189
cg21091197	HHIPL1	0.0526804	0.961625	0.987441	-1.01272	0.822551	1.06078	1.06078	0.0476103	0.551505	-1.81322	0.92281	0.974863	-1.02579	0.196366	1.43169	1.43169
cg03107912	RASA3	0.0526809	0.0600381	1.79676	1.79676	0.986264	0.995256	-1.00477	0.158993	0.6598	-1.51561	0.0241369	2.1017	2.1017	0.0225009	2.12747	2.12747
cg05481991	HMGA2;RPSAP52;HMGA2	0.0526813	0.58166	0.602112	-1.66082	0.409005	2.1733	2.1733	0.34733	2.44371	2.44371	?	?	?	?	?	?
cg08684511	COL23A1	0.0526814	0.0780557	0.397758	-2.51409	0.643054	1.24577	1.24577	0.108608	0.438637	-2.27979	0.625218	0.7931	-1.26087	0.025574	0.286776	-3.48704
cg02374837	PMM2;TMEM186	0.0526826	0.522662	0.92946	-1.07589	0.276008	0.879904	-1.13649	0.339844	1.11747	1.11747	0.0363065	0.759721	-1.31627	0.430109	0.913079	-1.0952
cg10057528	C1orf86;PRKCZ;PRKCZ;PRKCZ	0.0526827	0.708305	0.807238	-1.23879	0.63055	1.31799	1.31799	0.0280733	4.38468	4.38468	0.154853	2.38094	2.38094	0.0203498	0.203257	-4.91988
cg26610681	HS2ST1;HS2ST1;SEP15;SEP15	0.0526829	0.82347	0.989032	-1.01109	0.0146712	0.86218	-1.15985	0.0134098	1.16316	1.16316	0.322275	1.05176	1.05176	0.235917	0.940536	-1.06322
cg16031338	PLCH2	0.0526847	0.0486047	0.23046	-4.33915	0.294707	0.492597	-2.03006	0.474061	0.62228	-1.60699	0.290487	0.489315	-2.04367	0.149472	0.365324	-2.73729
cg22454005	PRKCG	0.0526853	0.824419	1.07893	1.07893	0.242909	0.658493	-1.51862	0.273188	1.47682	1.47682	0.515842	1.25265	1.25265	0.299941	1.44378	1.44378
cg19479366	CDC6	0.0526862	0.509289	0.899321	-1.11195	0.82086	1.03653	1.03653	0.173459	1.2602	1.2602	0.0808069	1.36509	1.36509	0.892657	1.02159	1.02159
cg13695498	PALLD;PALLD;PALLD;PALLD	0.0526863	0.00510916	0.634333	-1.57646	0.21546	1.17398	1.17398	0.893618	0.983674	-1.0166	0.810245	0.97084	-1.03004	0.193713	1.18434	1.18434
cg03776042	C22orf9	0.0526867	0.545419	1.12356	1.12356	0.984234	1.00377	1.00377	0.541755	1.12478	1.12478	0.00534315	0.497296	-2.01087	0.293198	1.23071	1.23071
cg13784466	FAT1	0.0526873	0.526093	1.18577	1.18577	0.110721	0.630679	-1.58559	0.0725472	0.587765	-1.70136	0.108514	0.628546	-1.59097	0.080725	0.59826	-1.67151
cg21656672	MAD1L1;MAD1L1;MAD1L1	0.0526901	0.154977	0.888675	-1.12527	0.400106	0.93539	-1.06907	0.264875	0.913834	-1.09429	0.160753	0.89032	-1.12319	0.102382	0.87057	-1.14867
cg07756483	KCNN4	0.0526906	0.0219168	0.182535	-5.47841	0.0435062	0.237885	-4.20371	0.329939	0.53693	-1.86244	0.00592447	0.107903	-9.26755	0.100805	0.328987	-3.03963
cg19123107	C9orf7;C9orf7	0.052691	0.267392	0.61055	-1.63787	0.0856851	2.25051	2.25051	0.222495	1.72886	1.72886	0.058898	2.48682	2.48682	0.0705253	0.421842	-2.37056
cg09419983	HPS3	0.0526912	0.450032	0.883652	-1.13167	0.896642	0.979331	-1.02111	0.0171027	1.59534	1.59534	0.130587	0.769229	-1.3	0.0369749	0.677527	-1.47596
cg26521402	STEAP2;STEAP2;STEAP2	0.0526918	0.341263	0.754392	-1.32557	0.00835169	2.63443	2.63443	0.218224	1.45097	1.45097	0.475447	1.23192	1.23192	0.269221	0.718424	-1.39194
cg26276877	E2F7	0.0526948	0.152747	1.31193	1.31193	0.234686	1.24711	1.24711	0.976943	1.00514	1.00514	0.484693	1.13415	1.13415	0.313719	0.831338	-1.20288
cg07629007	ZNF389	0.0526961	0.196591	2.33117	2.33117	0.0245956	5.25686	5.25686	0.0438489	4.204	4.204	0.699589	0.786344	-1.27171	0.266804	0.488126	-2.04865
cg19873923	TC2N;TC2N;TC2N	0.0526977	0.215609	0.56153	-1.78085	0.305966	0.625418	-1.59893	0.948564	1.02898	1.02898	0.246622	0.584812	-1.70995	0.0020151	0.145271	-6.8837
cg17617843	C1QTNF3;C1QTNF3	0.0526978	0.0949273	0.536336	-1.8645	0.352154	0.722499	-1.38408	0.465489	1.28679	1.28679	0.942349	1.02486	1.02486	0.141165	0.584364	-1.71126
cg11496792	MEGF9	0.0526996	0.608242	0.936027	-1.06834	0.0368802	1.3634	1.3634	0.0186038	1.44028	1.44028	0.472549	0.910802	-1.09793	0.029612	1.38745	1.38745
cg16203607	DDX5	0.0527015	0.542649	0.903914	-1.1063	0.00607207	1.79918	1.79918	0.123321	0.760607	-1.31474	0.387763	0.864924	-1.15617	0.919659	0.983598	-1.01668
cg10806586	C14orf28	0.0527025	0.0788105	0.440695	-2.26914	0.278313	1.6052	1.6052	0.132426	0.505797	-1.97708	0.58715	1.25879	1.25879	0.0164735	0.292234	-3.42191
cg26955881	CNKSR2;CNKSR2;CNKSR2;CNKSR2	0.0527034	0.12549	0.37393	-2.6743	0.00715407	0.127406	-7.84892	0.0821355	0.318988	-3.13492	0.269424	1.97841	1.97841	0.750595	0.827637	-1.20826
cg10953131	ARHGEF10L;ARHGEF10L	0.0527051	0.145878	1.85758	1.85758	0.00293934	5.05346	5.05346	0.0317664	2.7139	2.7139	0.478352	1.33095	1.33095	0.775848	1.11989	1.11989
cg26263675	RAB37;RAB37;RAB37;RAB37	0.0527064	0.533679	0.793535	-1.26018	0.00613402	3.71331	3.71331	0.955778	0.979861	-1.02055	0.109182	0.526857	-1.89805	0.0687887	0.473689	-2.11109
cg04259720	PLCH2	0.052707	0.359495	0.720494	-1.38794	0.264602	1.49866	1.49866	0.275123	1.48448	1.48448	0.432654	0.756826	-1.32131	0.00157722	0.206167	-4.85044
cg25929955	FAM155A	0.0527072	0.0327725	0.313671	-3.18805	0.447598	1.43231	1.43231	0.65194	1.23464	1.23464	0.472239	0.712189	-1.40412	0.00273536	0.146637	-6.81958
cg00588734	KCNH7;KCNH7	0.0527087	0.254911	0.606446	-1.64895	0.464346	0.731	-1.36799	0.86826	1.07234	1.07234	0.878445	0.937635	-1.06651	0.00495382	0.208966	-4.78547
cg22441157	IGSF9;IGSF9	0.0527088	0.00665736	0.14782	-6.76497	0.0327219	0.257534	-3.88299	0.0961549	0.370838	-2.6966	0.178935	0.4606	-2.17108	0.0418719	0.279899	-3.57271
cg00642970	LOC157381	0.0527093	0.11327	0.460206	-2.17294	0.0165471	0.267588	-3.73709	0.0760937	0.411144	-2.43224	0.901078	0.945542	-1.05759	0.0140238	0.255144	-3.91936
cg09491120	FOXF2	0.0527101	0.184895	0.389673	-2.56625	0.0268723	0.172544	-5.79561	0.00601408	0.0902008	-11.0864	0.600432	0.701721	-1.42507	0.0224113	0.159858	-6.25555
cg17179911	ERICH1	0.0527103	0.43699	1.26538	1.26538	0.0977332	1.71479	1.71479	0.216581	1.47103	1.47103	0.778355	0.919652	-1.08737	0.024957	2.20769	2.20769
cg07718471	GRID1	0.0527125	0.149157	1.23809	1.23809	0.481126	1.10392	1.10392	0.147877	0.807074	-1.23904	0.145719	1.24067	1.24067	0.937959	1.01081	1.01081
cg10211518	POLRMT	0.052713	0.105505	0.821089	-1.2179	0.0683592	1.25541	1.25541	0.130235	1.19982	1.19982	0.61176	0.944543	-1.05871	0.874686	1.01775	1.01775
cg01353646	AGAP2;AGAP2	0.0527139	0.0323354	2.94735	2.94735	0.49981	0.744202	-1.34372	0.0273693	3.08274	3.08274	0.024008	3.19392	3.19392	0.058392	2.51549	2.51549
cg20253561	RYR2	0.0527148	0.26816	1.27189	1.27189	0.00792397	0.491629	-2.03405	0.0853405	0.6726	-1.48677	0.386591	1.2033	1.2033	0.0518831	0.630488	-1.58607
cg02538089	TMEM128	0.0527152	0.721211	1.10649	1.10649	0.161361	1.52566	1.52566	0.139519	1.56687	1.56687	0.0133769	0.420944	-2.37561	0.00893968	0.390927	-2.55802
cg10188897	RUNDC3A;RUNDC3A;RUNDC3A	0.0527156	0.0509728	4.55272	4.55272	0.0121825	8.41423	8.41423	0.0303938	5.6687	5.6687	0.368254	1.87781	1.87781	0.448455	1.69331	1.69331
ch.2.2613291R	CNTNAP5	0.0527159	0.0132145	0.211421	-4.7299	0.0897876	0.388241	-2.57572	0.107069	0.410666	-2.43507	0.0140455	0.215654	-4.63705	0.132946	0.440366	-2.27084
cg16322302	USP19	0.0527163	0.210536	0.835776	-1.19649	0.364725	0.881052	-1.13501	0.680546	1.0579	1.0579	0.0913275	1.28767	1.28767	0.877411	0.97923	-1.02121
cg15167871	TCERG1L	0.0527177	0.0608467	1.65233	1.65233	0.0742108	0.623256	-1.60448	0.0462728	0.581232	-1.72048	0.875872	0.963532	-1.03785	0.0740985	0.623116	-1.60484
cg20613438	SCARNA4;KIAA0907	0.0527187	0.0353157	0.228782	-4.37097	0.253621	0.488007	-2.04915	0.0993372	0.33719	-2.96568	0.253118	0.487602	-2.05085	0.0050747	0.107611	-9.2927
cg27371984	CCDC40;TBC1D16	0.0527189	0.893746	0.967745	-1.03333	0.696448	1.10097	1.10097	0.900802	0.969868	-1.03107	0.530832	0.855761	-1.16855	0.0507853	0.579266	-1.72632
cg18789841	LOC441046	0.05272	0.419534	0.554187	-1.80444	0.0593533	4.58732	4.58732	0.413524	0.549771	-1.81894	0.241128	2.40645	2.40645	0.640143	0.713938	-1.40068
cg03130686	ZC3H12B	0.0527204	0.0434075	0.214857	-4.65426	0.401741	0.566568	-1.76501	0.329109	0.513353	-1.94798	0.315345	0.502923	-1.98837	0.0133949	0.131647	-7.5961
cg01395111	PPIC	0.0527213	0.460196	0.924244	-1.08196	0.347928	1.10655	1.10655	0.295665	1.12032	1.12032	0.487026	1.07679	1.07679	0.0451128	1.27234	1.27234
cg09866659	COPA;SUMO1P3;COPA	0.052724	0.0757793	1.56696	1.56696	0.236698	0.754464	-1.32544	0.857542	1.04168	1.04168	0.0790447	0.642013	-1.5576	0.00687227	2.21523	2.21523
cg22892036	JAZF1	0.0527243	0.0425341	0.289973	-3.4486	0.022027	0.233211	-4.28796	0.147392	0.43865	-2.27972	0.25178	0.530133	-1.88632	0.00425387	0.131621	-7.59755
cg00970757	FOXP1	0.0527245	0.557142	0.836232	-1.19584	0.00382993	0.309055	-3.23567	0.0196162	0.427714	-2.33801	0.269332	0.707161	-1.41411	0.661523	1.14191	1.14191
cg15423781	LPP;LPP;LPP	0.0527266	0.0391605	0.634272	-1.57661	0.46528	1.15228	1.15228	0.362185	1.1956	1.1956	0.96196	1.00914	1.00914	0.0625191	0.670422	-1.4916
cg05904013	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.0527267	0.286117	0.776898	-1.28717	0.0120666	0.490017	-2.04074	0.0243078	0.542394	-1.84368	0.137073	0.694226	-1.44045	0.315165	0.789237	-1.26705
cg23328335	TNXB	0.0527274	0.110918	0.676152	-1.47896	0.102136	0.668241	-1.49647	0.00869598	0.470745	-2.12429	0.0194516	0.529126	-1.88991	0.0100086	0.480624	-2.08063
cg08178786	TFAP2A;TFAP2A;TFAP2A	0.0527324	0.775517	0.869947	-1.1495	0.443647	1.46314	1.46314	0.931963	1.04249	1.04249	0.909264	0.945959	-1.05713	0.00869832	0.196061	-5.10044
cg22891316	MRPS7;MRPS7;GGA3;GGA3	0.0527324	0.126603	1.26029	1.26029	0.119985	0.789668	-1.26636	0.464539	0.901034	-1.10984	0.323616	1.15341	1.15341	0.317638	0.865358	-1.15559
cg04928045	GATAD2A	0.0527329	0.00238816	0.477671	-2.09349	0.377265	1.17131	1.17131	0.0926736	0.724024	-1.38117	0.441725	0.872049	-1.14672	0.523269	1.11953	1.11953
cg27611584	LLGL2;LLGL2;LLGL2	0.0527339	0.748387	0.948367	-1.05444	0.828251	1.03644	1.03644	0.0189966	1.59648	1.59648	0.0207824	0.632265	-1.58162	0.205256	0.802402	-1.24626
cg21154557	MCPH1	0.0527339	0.380189	0.692603	-1.44383	0.774145	0.889233	-1.12456	0.74244	1.14403	1.14403	0.615844	1.22927	1.22927	0.00152123	0.15524	-6.44165
cg14311245	PLD6	0.052735	0.424571	0.921963	-1.08464	0.217449	1.13801	1.13801	0.0875132	1.20675	1.20675	0.102849	0.837106	-1.19459	0.445197	0.92539	-1.08063
cg05266460	LOC91316;RGL4	0.052735	0.540654	1.3578	1.3578	0.637924	1.26374	1.26374	0.0210618	0.25406	-3.93608	0.79231	1.13919	1.13919	0.769471	0.864919	-1.15618
cg05485968	SLC25A10	0.0527353	0.596222	0.897784	-1.11385	0.825682	0.956496	-1.04548	0.00380983	0.455289	-2.19641	0.890708	1.02811	1.02811	0.00727918	0.497583	-2.00971
cg25968378	VIPR1;VIPR1	0.052736	0.856551	1.02077	1.02077	0.971124	0.995897	-1.00412	0.293012	1.13191	1.13191	0.730412	1.04007	1.04007	0.511191	0.927101	-1.07863
cg07244649	POLR1D;POLR1D	0.0527364	0.0241688	0.104378	-9.58056	0.205104	3.07683	3.07683	0.00550557	0.0465335	-21.4899	0.250791	2.74218	2.74218	0.442357	0.517634	-1.93187
cg02059391	FOXJ3	0.0527365	0.18502	1.44526	1.44526	0.2595	0.734779	-1.36095	0.296166	1.32817	1.32817	0.741595	0.916957	-1.09056	0.0951867	0.618565	-1.61665
cg05988605	PNOC	0.0527373	0.247647	0.644205	-1.5523	0.679013	1.16345	1.16345	0.104734	0.524619	-1.90615	0.260741	0.652631	-1.53226	0.066884	0.473617	-2.11141
cg01579024	RANBP17	0.0527374	0.624775	0.835119	-1.19743	0.0277648	0.386428	-2.5878	0.499528	0.778375	-1.28473	0.594781	0.821814	-1.21682	0.0152569	0.336538	-2.97144
cg16999099	LHX4	0.0527383	0.594048	1.25685	1.25685	0.0368711	0.356928	-2.80169	0.813518	0.904458	-1.10563	0.530168	0.763195	-1.31028	0.398853	0.692772	-1.44348
cg16717626	TDRD3;TDRD3;TDRD3	0.0527396	0.972427	0.99208	-1.00798	0.0210429	1.89361	1.89361	0.0551577	0.606423	-1.64902	0.228469	0.74767	-1.33749	0.20527	0.735314	-1.35996

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19120125	0.449645	0.877773	-1.13925	0.652811	1.07964	1.07964	0.178726	0.78525	-1.27348	0.107638	0.742952	-1.34598	3.32255	1.50692	0.403149	1
cg13676431	0.406394	1.10011	1.10011	0.00649347	1.48796	1.48796	0.604221	0.942952	-1.0605	0.341742	1.11633	1.11633	3.32251	0.663998	0.177643	1
cg13089765	0.00220283	0.339288	-2.94735	0.0694557	0.599627	-1.6677	0.488058	0.837428	-1.19413	0.334299	0.778185	-1.28504	3.32249	3.33776	0.892976	1
cg10134651	0.00840845	1.7551	1.7551	0.0794958	1.38444	1.38444	0.274837	0.827061	-1.2091	0.142307	0.768276	-1.30162	3.32238	1.46966	0.393202	1
cg16838132	0.527128	1.15633	1.15633	0.107266	0.671308	-1.48963	0.0673968	0.628384	-1.59138	0.028806	0.557411	-1.79401	3.3223	2.70403	0.72347	1
cg11879577	0.938411	1.02888	1.02888	0.389389	0.722578	-1.38393	0.038178	2.42316	2.42316	0.00291211	4.51345	4.51345	3.32228	7.14027	1.91041	1
cg05427639	0.873654	1.03809	1.03809	0.262455	0.759965	-1.31585	0.350018	1.25356	1.25356	0.0131156	0.485441	-2.05998	3.32227	2.90382	0.776931	1
cg26467774	0.145807	0.720802	-1.38734	0.0528113	0.630364	-1.58639	0.63312	1.10608	1.10608	0.666854	1.09504	1.09504	3.32224	2.31266	0.618768	1
cg20158317	0.845111	0.945588	-1.05754	0.00484795	2.91127	2.91127	0.00392602	3.03492	3.03492	0.338659	1.32594	1.32594	3.32222	4.30522	1.1519	1
cg10963793	0.230166	0.581335	-1.72018	0.00885362	0.237968	-4.20225	0.192034	0.551555	-1.81305	0.136339	0.500819	-1.99673	3.32219	9.76782	2.61349	1
cg12939049	0.0150896	0.585688	-1.70739	0.746208	0.943488	-1.0599	0.0738019	0.699777	-1.42903	0.0273471	0.626467	-1.59625	3.32214	1.68838	0.451753	1
cg14219787	0.221252	0.787252	-1.27024	0.0135202	0.566275	-1.76593	0.149396	0.750073	-1.3332	0.0484143	0.657359	-1.52124	3.32212	1.82097	0.487231	1
cg03121337	0.333908	1.12118	1.12118	0.00327303	1.58413	1.58413	0.897743	1.01487	1.01487	0.6287	1.05752	1.05752	3.32212	0.693026	0.185431	1
cg01613122	0.231736	0.716859	-1.39497	0.0667916	1.7253	1.7253	0.55392	0.853083	-1.17222	0.0269213	0.498851	-2.00461	3.32211	3.70575	0.991538	1
cg18477315	0.259273	1.18871	1.18871	0.902544	1.01816	1.01816	0.0818172	1.32745	1.32745	0.277373	1.18049	1.18049	3.3221	1.13516	0.303733	1
cg14863489	0.176417	0.797427	-1.25403	0.0156605	0.627103	-1.59463	0.285898	1.19073	1.19073	0.701707	1.06249	1.06249	3.3221	1.30529	0.349256	1
cg12573115	0.144427	2.12218	2.12218	0.00228411	7.74626	7.74626	0.0259517	3.5563	3.5563	0.139102	2.14703	2.14703	3.32209	12.1198	3.24288	1
cg19584674	0.375227	0.522855	-1.91258	0.00701437	11.9889	11.9889	0.200267	0.381363	-2.62217	0.294958	0.46121	-2.16821	3.32208	26.7114	7.14717	1
cg24775496	0.124622	1.31443	1.31443	0.243317	0.818104	-1.22234	0.846483	1.03239	1.03239	0.611269	1.08795	1.08795	3.32207	1.42284	0.380709	1
cg13254221	0.868091	1.05766	1.05766	0.00649389	0.303265	-3.29744	0.515987	0.800817	-1.24873	0.733553	0.891157	-1.12214	3.32207	5.98457	1.6013	1
cg11687809	0.956531	0.980199	-1.0202	0.0059432	0.267155	-3.74315	0.836169	1.07894	1.07894	0.371469	0.714123	-1.40032	3.32207	7.08328	1.89528	1
cg01758885	0.172735	0.829502	-1.20554	0.761125	0.961482	-1.04006	0.126561	1.23727	1.23727	0.00794679	1.55025	1.55025	3.32206	0.873146	0.233629	1
cg08709863	0.278724	0.738923	-1.35332	0.621543	0.874871	-1.14303	0.0365795	0.520694	-1.92051	0.0718221	0.58279	-1.71588	3.32205	3.79707	1.01599	1
cg14414792	0.191773	2.22771	2.22771	0.230916	2.07181	2.07181	0.0373641	4.05678	4.05678	0.182333	2.27139	2.27139	3.322	17.6761	4.72972	1
cg05723989	0.883215	0.953573	-1.04869	0.0101304	0.350259	-2.85503	0.945864	1.02221	1.02221	0.715563	0.888376	-1.12565	3.32195	5.50331	1.47258	1
cg03184588	0.665037	0.860518	-1.16209	0.01065	0.330441	-3.02626	0.58871	0.828406	-1.20714	0.580887	0.825065	-1.21203	3.32195	6.25646	1.6741	1
cg26672672	0.028091	1.90496	1.90496	0.0352941	1.83875	1.83875	0.996237	0.998829	-1.00117	0.46659	0.831878	-1.2021	3.32194	3.24774	0.869034	1
cg24469412	0.916573	0.970531	-1.03036	0.150838	0.644343	-1.55197	0.0383317	1.98412	1.98412	0.23145	0.698857	-1.43091	3.32194	4.28766	1.1473	1
cg04297258	0.198896	0.881963	-1.13383	0.0421559	0.805252	-1.24185	0.143644	0.864694	-1.15648	0.966398	1.00391	1.00391	3.32194	0.450389	0.120516	1
cg21434949	0.0114458	1.78253	1.78253	0.0171582	1.69991	1.69991	0.529643	0.890191	-1.12335	0.210211	0.785681	-1.27278	3.32181	1.75558	0.469778	1
cg00577417	0.195591	1.43218	1.43218	0.0350373	1.90511	1.90511	0.00602365	2.56429	2.56429	0.0184524	2.11725	2.11725	3.32179	3.62325	0.969557	1
cg15836660	0.846007	1.0264	1.0264	0.012293	0.658432	-1.51876	0.199258	0.833787	-1.19935	0.814732	1.03196	1.03196	3.32175	0.944953	0.252866	1
cg26305986	0.00420236	0.575956	-1.73624	0.239344	1.194	1.194	0.566124	0.919925	-1.08704	0.035905	0.703815	-1.42083	3.32175	1.08943	0.291528	1
cg21140246	0.99247	1.00069	1.00069	0.831784	1.01561	1.01561	0.349406	0.932279	-1.07264	0.0263535	0.825525	-1.21135	3.32173	0.278798	0.0746056	1
cg06389554	0.0643492	1.25983	1.25983	0.00344165	0.643028	-1.55514	0.455676	1.08811	1.08811	0.784488	1.03094	1.03094	3.32173	0.649828	0.173893	1
cg09885657	0.445908	0.770367	-1.29808	0.29433	1.4408	1.4408	0.570749	1.21213	1.21213	0.388948	0.74345	-1.34508	3.32172	5.93103	1.58714	1
cg18646365	0.0335523	5.40535	5.40535	0.00933819	9.39843	9.39843	0.645775	1.3696	1.3696	0.0300181	5.66644	5.66644	3.32171	24.2959	6.50157	1
cg05633605	0.77589	0.938309	-1.06575	0.0500816	0.607496	-1.6461	0.652773	1.10632	1.10632	0.129814	0.694138	-1.44064	3.32171	2.61843	0.700692	1
cg21806100	0.108647	0.563868	-1.77346	0.315168	0.711731	-1.40502	0.728634	0.892226	-1.12079	0.73213	1.11907	1.11907	3.32171	5.63952	1.50914	1
cg09531436	0.811855	1.21434	1.21434	0.103191	4.47919	4.47919	0.00238125	50.7463	50.7463	0.239135	2.77393	2.77393	4.10809	31.9237	6.6608	1
cg24838010	0.904917	1.02625	1.02625	0.430261	0.839793	-1.19077	0.800792	0.946645	-1.05636	0.00953908	2.03802	2.03802	3.32168	2.47422	0.662107	1
cg06107104	0.0203105	0.347249	-2.87977	0.248737	0.633921	-1.57748	0.0187037	0.340472	-2.9371	0.119397	0.527864	-1.89443	3.32168	7.51983	2.01233	1
cg16244664	0.189307	1.74057	1.74057	0.0254693	2.88146	2.88146	0.559956	0.790623	-1.26482	0.0646879	0.437339	-2.28656	3.32168	8.35732	2.23644	1
cg08819417	0.0453603	0.613883	-1.62898	0.251828	1.28977	1.28977	0.0572281	1.57976	1.57976	0.638735	1.10574	1.10574	3.32167	2.37705	0.636105	1
cg15012214	0.0815563	2.36432	2.36432	0.370881	1.50617	1.50617	0.221244	0.563743	-1.77386	0.992411	0.995769	-1.00425	3.32166	10.4527	2.79718	1
cg09969989	0.727247	1.09327	1.09327	0.269135	1.34057	1.34057	0.0277014	0.515398	-1.94025	0.263336	0.743067	-1.34577	3.32165	3.41207	0.913086	1
cg25925177	0.0783983	0.698126	-1.43241	0.0716836	1.4472	1.4472	0.435074	1.15763	1.15763	0.114656	1.37074	1.37074	3.3216	1.77719	0.475592	1
cg14240768	0.0926093	0.385654	-2.59299	0.0241245	0.250443	-3.99292	0.959057	0.973916	-1.02678	0.162319	0.463914	-2.15557	3.32158	13.9437	3.73147	1
cg05855724	0.760883	1.08933	1.08933	0.00923664	0.396042	-2.52498	0.773994	1.08406	1.08406	0.0322083	0.495003	-2.02019	3.32154	4.1339	1.10629	1
cg10935720	0.749702	1.09072	1.09072	0.0387003	0.522269	-1.91472	0.367018	0.777694	-1.28585	0.00578431	0.374945	-2.66706	3.3697	3.49201	1.0363	1
cg23353672	0.203338	1.77524	1.77524	0.005633	4.72616	4.72616	0.0181927	3.40616	3.40616	0.438466	1.40185	1.40185	3.3215	9.61091	2.57204	1
cg11900509	0.0809124	0.284422	-3.5159	0.622691	0.724567	-1.38013	0.355923	0.539631	-1.85312	0.869907	1.11236	1.11236	3.32148	22.2002	5.94118	1
cg24044147	0.154137	0.746774	-1.33909	0.00605785	0.503553	-1.98589	0.13725	1.35848	1.35848	0.149471	1.34422	1.34422	3.32147	1.9271	0.51573	1
cg08038402	0.624683	0.841683	-1.1881	0.0178797	0.36563	-2.735	0.330281	0.703867	-1.42072	0.0149686	0.351442	-2.84542	3.32147	6.42765	1.72017	1
cg00827745	0.135406	0.677894	-1.47516	0.383227	0.805738	-1.2411	0.314201	0.777689	-1.28586	0.409924	1.22577	1.22577	3.32146	3.06965	0.821502	1
cg05034446	0.0448934	0.176891	-5.6532	0.0784837	0.229757	-4.35243	0.0917749	0.247352	-4.04282	0.045935	0.178797	-5.59294	3.32145	29.7876	7.97177	1
cg12697442	0.00413652	0.434723	-2.30031	0.0433075	1.65464	1.65464	0.459635	0.849488	-1.17718	0.861588	0.962895	-1.03853	3.32145	2.46936	0.660852	1
cg13302197	0.364146	0.793044	-1.26096	0.305078	0.76792	-1.30222	0.240856	0.736905	-1.35703	0.0782698	0.614842	-1.62643	3.32143	3.25219	0.870359	1
cg11378740	0.323256	1.17968	1.17968	0.00205424	0.494918	-2.02054	0.748632	1.05345	1.05345	0.125939	0.764764	-1.30759	3.32142	1.37991	0.369296	1
cg21232754	0.120756	1.30745	1.30745	0.162713	0.78866	-1.26797	0.640662	0.927842	-1.07777	0.545648	1.10234	1.10234	3.32141	1.33514	0.357316	1
cg08536961	0.0337511	0.1184	-8.44592	0.00464142	0.0391403	-25.5491	0.0578364	0.157922	-6.33225	0.0471374	0.141568	-7.06377	3.32141	38.9592	10.4264	1
cg15021707	0.550121	1.09089	1.09089	0.136803	1.25937	1.25937	0.239024	0.837428	-1.19413	0.417667	0.887658	-1.12656	3.3214	1.089	0.291444	1
cg03015370	0.779721	1.05717	1.05717	0.00394537	0.463524	-2.15738	0.984099	0.996056	-1.00396	0.820169	1.04618	1.04618	3.32137	2.0682	0.553508	1
cg23617392	0.655203	0.754712	-1.32501	0.0027042	0.0746732	-13.3917	0.138951	0.368892	-2.71082	0.0610949	0.266736	-3.74902	3.32135	20.6225	5.51918	1
cg12458714	0.0845139	1.74539	1.74539	0.0154115	2.38163	2.38163	0.0234501	2.2038	2.2038	0.563411	0.843236	-1.18591	3.32133	4.48191	1.1995	1
cg02231052	?	?	?	0.644227	1.2961	1.2961	0.0121091	0.164373	-6.08372	0.718614	0.817321	-1.22351	3.70502	13.869	3.7433	1
cg02341380	0.146159	1.74791	1.74791	0.804978	1.09259	1.09259	0.0231332	0.378304	-2.64337	0.644177	0.84664	-1.18114	3.32129	6.73978	1.80379	1
cg07033292	0.888788	1.04204	1.04204	0.0116169	2.53075	2.53075	0.301155	0.729558	-1.37069	0.601112	0.856195	-1.16796	3.32128	4.55686	1.21957	1
cg10378032	0.253789	0.64618	-1.54756	0.0732265	0.480939	-2.07927	0.402151	1.36913	1.36913	0.0693609	0.475016	-2.10519	3.32128	7.06239	1.89014	1
cg21091197	0.172208	1.46477	1.46477	0.00911499	2.38747	2.38747	0.220434	1.40273	1.40273	0.0717226	0.589676	-1.69585	3.32126	3.62966	0.97143	1
cg03107912	0.473486	1.22309	1.22309	0.0143236	2.30281	2.30281	0.794947	1.07459	1.07459	0.512924	1.20116	1.20116	3.32124	4.01346	1.07415	1
cg05481991	0.631397	1.55268	1.55268	0.962285	0.958073	-1.04376	0.00267707	116.162	116.162	0.659049	1.49759	1.49759	4.74755	44.0305	6.62455	1
cg08684511	0.0993145	0.427109	-2.34132	0.00293248	0.146015	-6.8486	0.206305	0.533825	-1.87327	0.558347	0.756757	-1.32143	3.32123	11.6627	3.12138	1
cg02374837	0.0497858	0.776735	-1.28744	0.0244531	0.738837	-1.35348	0.402793	1.1015	1.1015	0.049752	1.2875	1.2875	3.3212	0.670557	0.179468	1
cg10057528	0.181293	0.445486	-2.24474	0.121558	0.384299	-2.60214	0.14676	2.42867	2.42867	0.375056	0.595278	-1.67989	3.3212	17.0757	4.57014	1
cg26610681	0.145797	0.925816	-1.08013	0.986371	0.999157	-1.00084	0.169654	0.93034	-1.07488	0.689982	1.01999	1.01999	3.32119	0.128145	0.0342969	1
cg16031338	0.102703	0.312447	-3.20054	0.00281446	0.0684727	-14.6044	0.0374736	0.207433	-4.82084	0.0372856	0.207011	-4.83067	3.32115	22.3287	5.97615	1
cg22454005	0.221271	1.55208	1.55208	0.00460217	3.6307	3.6307	0.0112225	2.9631	2.9631	0.146208	1.70455	1.70455	3.32114	6.14854	1.64563	1
cg19479366	?	?	?	0.00604136	1.80831	1.80831	0.101735	0.750239	-1.33291	0.285083	0.838084	-1.1932	3.64578	1.25689	0.301657	1
cg13695498	0.111969	0.808212	-1.2373	0.275554	0.86975	-1.14976	0.106889	0.80529	-1.24179	0.208381	1.17724	1.17724	3.32111	0.796103	0.213075	1
cg03776042	0.415063	1.17187	1.17187	0.0136739	1.78704	1.78704	0.870214	0.96935	-1.03162	0.570645	1.11528	1.11528	3.3211	1.90635	0.510233	1
cg13784466	0.00872483	0.412169	-2.42619	0.106065	1.59709	1.59709	0.847372	0.950174	-1.05244	0.153222	0.666532	-1.5003	3.32109	3.70041	0.990413	1
cg21656672	0.650301	0.965229	-1.03602	0.00139073	0.698197	-1.43226	0.380018	0.932553	-1.07233	0.376445	1.07292	1.07292	3.32102	0.31627	0.0846514	1
cg07756483	0.177325	0.411934	-2.42757	0.03105	0.208924	-4.78644	0.059179	0.26773	-3.7351	0.142528	0.377171	-2.65131	3.32101	20.125	5.38657	1
cg19123107	0.728733	0.861848	-1.1603	0.0281621	0.33055	-3.02526	0.10017	2.15805	2.15805	0.837058	1.09192	1.09192	3.321	9.59155	2.56725	1
cg09419983	0.170364	0.790849	-1.26446	0.165732	1.26814	1.26814	0.286177	1.19482	1.19482	0.168666	1.2658	1.2658	3.32099	1.35832	0.363565	1
cg26521402	0.766467	1.08937	1.08937	0.0209706	0.450119	-2.22164	0.349333	1.31902	1.31902	0.402601	0.781779	-1.27913	3.32098	4.34455	1.16286	1
cg26276877	0.967108	1.00734	1.00734	0.0367844	1.53732	1.53732	0.51162	1.12526	1.12526	0.00202004	2.16424	2.16424	3.32091	1.65304	0.44246	1
cg07629007	0.0505506	3.98005	3.98005	0.193389	0.426067	-2.34705	0.193732	2.34533	2.34533	0.154413	0.38869	-2.57274	3.32088	20.2109	5.40979	1
cg19873923	0.416118	0.69211	-1.44486	0.0992834	0.449298	-2.22569	0.422132	0.695532	-1.43775	0.0160692	0.271289	-3.6861	3.32084	10.3119	2.76018	1
cg17617843	0.152914	0.594727	-1.68145	0.00381438	0.265971	-3.75981	0.0157202	0.366067	-2.73174	0.509556	0.796826	-1.25498	3.32083	6.06126	1.62242	1
cg11496792	0.243033	0.855374	-1.16908	0.178791	0.833063	-1.20039	0.742251	0.958677	-1.0431	0.233023	1.1734	1.1734	3.32079	0.859978	0.230194	1
cg16203607	0.0288714	0.655476	-1.52561	0.16917	0.786539	-1.27139	0.35411	0.855319	-1.16915	0.993661	0.998698	-1.0013	3.32075	1.41327	0.3783	1
cg10806586	0.835109	1.09144	1.09144	0.00609168	0.222416	-4.49608	0.655088	0.827992	-1.20774	0.606282	0.803925	-1.2439	3.32072	9.26874	2.48105	1
cg26955881	0.0908621	0.3312	-3.01933	0.170376	0.420546	-2.37786	0.398561	1.66987	1.66987	0.189585	2.28034	2.28034	3.3207	18.5095	4.95466	1
cg10953131	0.283137	1.55632	1.55632	0.043319	2.51393	2.51393	0.524878	1.2912	1.2912	?	?	?	3.36883	7.46136	2.21482	1
cg26263675	0.864228	1.0648	1.0648	0.0434457	0.426575	-2.34426	0.805866	0.913626	-1.09454	0.704163	0.869399	-1.15022	3.32063	7.07815	1.89473	1
cg04259720	0.564641	1.22458	1.22458	0.306106	0.691637	-1.44584	0.441437	0.760999	-1.31406	0.605784	0.834313	-1.19859	3.32061	6.36709	1.7044	1
cg25929955	0.823289	1.10941	1.10941	0.686016	1.20763	1.20763	0.607047	1.27228	1.27228	0.141643	0.48018	-2.08255	3.32061	11.3324	3.03355	1
cg00588734	0.905786	0.951404	-1.05108	0.195507	0.562133	-1.77894	0.137205	1.96121	1.96121	0.0148067	0.283195	-3.53113	3.32057	9.31003	2.49222	1
cg22441157	0.195454	0.475493	-2.10308	0.0142594	0.193763	-5.16093	0.195332	0.475386	-2.10355	0.0940105	0.367989	-2.71747	3.32057	15.5029	4.15001	1
cg00642970	0.168331	0.516301	-1.93685	0.0223082	0.291373	-3.43203	0.0240852	0.297765	-3.35835	0.221916	0.560967	-1.78264	3.32056	10.6641	2.8547	1
cg09491120	0.100571	0.299517	-3.33871	0.0301122	0.180973	-5.52568	0.563067	0.675796	-1.47974	0.141258	0.346326	-2.88745	3.32054	23.6242	6.32405	1
cg17179911	0.101659	1.70219	1.70219	0.00511792	2.9979	2.9979	0.0186565	2.33121	2.33121	0.503082	1.22352	1.22352	3.32053	4.63376	1.24043	1
cg07718471	0.923576	1.01334	1.01334	0.00167669	1.85941	1.85941	0.884125	0.980067	-1.02034	0.746519	1.04579	1.04579	3.32048	1.00242	0.268346	1
cg10211518	0.245621	0.873402	-1.14495	0.754367	0.965619	-1.03561	0.344778	1.11457	1.11457	0.0050732	1.51126	1.51126	3.32047	0.653393	0.174913	1
cg01353646	0.97232	0.985145	-1.01508	0.51336	1.33097	1.33097	0.238538	1.70312	1.70312	0.0147671	3.64759	3.64759	3.32045	9.78354	2.61907	1
cg20253561	0.671008	1.09318	1.09318	0.52487	0.874276	-1.1438	0.0991407	1.45784	1.45784	0.62603	0.902663	-1.10783	3.32042	2.28648	0.612098	1
cg02538089	0.735816	1.10036	1.10036	0.559034	0.846308	-1.1816	0.987016	1.00461	1.00461	0.665933	0.884551	-1.13052	3.32042	4.19464	1.12292	1
cg10188897	0.0594828	4.26454	4.26454	0.045343	4.78397	4.78397	0.012621	8.2843	8.2843	0.117831	3.18335	3.18335	3.3204	24.446	6.54432	1
ch.2.2613291R	0.0445532	0.31131	-3.21224	0.0443554	0.310875	-3.21673	0.0305233	0.27637	-3.61834	0.102506	0.404982	-2.46924	3.3204	13.4594	3.60316	1
cg16322302	0.676853	1.05864	1.05864	0.00336784	0.581417	-1.71994	0.226822	0.841531	-1.18831	0.0725619	0.761543	-1.31312	3.32039	0.97222	0.260269	1
cg15167871	0.544509	1.15693	1.15693	0.263821	1.31893	1.31893	0.0221705	0.52114	-1.91887	0.640822	0.894341	-1.11814	3.32035	2.9701	0.795123	1
cg20613438	0.0263105	0.204834	-4.882	0.0243073	0.198804	-5.03009	0.459855	0.635826	-1.57276	0.110036	0.350578	-2.85244	3.32033	19.0426	5.09791	1
cg27371984	0.0512625	0.580092	-1.72386	0.00212511	0.346664	-2.88463	0.0983848	0.641004	-1.56005	0.723841	0.916641	-1.09094	3.32032	3.16546	0.847429	1
cg18789841	0.135152	3.16643	3.16643	0.00453115	14.9789	14.9789	0.0464683	5.11447	5.11447	0.347796	1.99732	1.99732	3.3203	26.9323	7.21014	1
cg03130686	0.0394668	4.84006	4.84006	0.0362905	0.199594	-5.01017	0.952189	1.04049	1.04049	0.433903	0.589417	-1.69659	3.32029	23.047	6.17002	1
cg01395111	0.127258	0.841317	-1.18861	0.0119309	0.71985	-1.38918	0.849081	0.980239	-1.02016	0.0644358	1.24316	1.24316	3.32027	0.577232	0.154534	1
cg09866659	0.0939145	1.5198	1.5198	0.161447	1.4047	1.4047	0.928764	0.979885	-1.02053	0.852517	1.0432	1.0432	3.3202	2.71568	0.727045	1
cg22892036	0.100288	0.385041	-2.59713	0.0518786	0.309561	-3.23038	0.258833	0.535546	-1.86725	0.0730503	0.346542	-2.88565	3.3202	14.7749	3.95556	1
cg00970757	0.903226	0.964025	-1.03732	0.139179	1.61515	1.61515	0.312124	0.729823	-1.37019	0.674085	0.880377	-1.13588	3.32019	4.77093	1.27728	1
cg15423781	0.376908	0.841178	-1.18881	0.00642537	1.96633	1.96633	0.682926	0.924652	-1.08149	0.625527	0.91045	-1.09836	3.32014	1.9132	0.512213	1
cg05904013	0.114979	1.47784	1.47784	0.870493	0.9635	-1.03788	0.397895	1.21805	1.21805	0.0616649	0.618997	-1.61552	3.32014	2.7308	0.731108	1
cg23328335	0.139006	0.698499	-1.43164	0.438461	0.836883	-1.19491	0.498181	0.856462	-1.16759	0.968436	0.991124	-1.00896	3.32012	2.66973	0.714762	1
cg08178786	0.540679	0.739481	-1.3523	0.00515304	0.165281	-6.05028	0.844446	0.908713	-1.10046	0.0656683	0.365464	-2.73625	3.32	12.4859	3.34295	1
cg22891316	0.263768	0.849519	-1.17714	0.00292737	0.564274	-1.77219	0.455462	1.11229	1.11229	0.632565	0.934787	-1.06976	3.32	1.03053	0.275913	1
cg04928045	0.90068	0.978444	-1.02203	0.246614	1.23548	1.23548	0.85314	0.968175	-1.03287	0.13777	0.756586	-1.32173	3.31999	1.60169	0.428834	1
cg27611584	0.199351	0.79982	-1.25028	0.920468	1.01659	1.01659	0.0592006	0.704064	-1.42033	0.0860415	0.731641	-1.36679	3.31996	1.42673	0.381993	1
cg21154557	0.03967	0.378849	-2.63957	0.453308	0.732195	-1.36576	0.834873	1.0889	1.0889	0.253803	0.614926	-1.62621	3.31996	8.75406	2.34382	1
cg14311245	0.248331	1.12776	1.12776	0.0436477	1.25997	1.25997	0.0215922	0.759658	-1.31638	0.304593	0.89949	-1.11174	3.31994	0.521948	0.139748	1
cg05266460	0.00990476	0.200077	-4.99809	0.0120323	0.212969	-4.69553	0.938992	0.962906	-1.03852	0.312085	0.596673	-1.67596	3.31994	12.8219	3.43297	1
cg05485968	0.0793491	0.675215	-1.48101	0.361293	0.827597	-1.20832	0.23154	0.776439	-1.28793	0.317702	0.811993	-1.23154	3.31993	2.13794	0.572419	1
cg25968378	0.00403261	0.644846	-1.55076	0.960891	0.994446	-1.00559	0.201724	1.16548	1.16548	0.0275931	1.34434	1.34434	3.31991	0.678416	0.181642	1
cg07244649	0.318964	2.37697	2.37697	0.444736	0.519481	-1.925	0.713519	1.3634	1.3634	0.818685	0.824461	-1.21291	3.3199	37.1573	9.94869	1
cg02059391	0.44633	0.815973	-1.22553	0.00760672	2.45772	2.45772	0.0366636	1.88905	1.88905	0.661707	1.12227	1.12227	3.3199	3.60917	0.96634	1
cg05988605	0.201644	0.612288	-1.63322	0.00974197	0.304405	-3.28509	0.00543926	0.264325	-3.78322	0.125991	0.547537	-1.82636	3.31988	6.95941	1.86336	1
cg01579024	0.337613	0.696739	-1.43526	0.0167028	0.343717	-2.90937	0.00855771	0.293431	-3.40795	0.787271	0.90586	-1.10392	3.31988	7.02527	1.881	1
cg16999099	0.00315198	5.55501	5.55501	0.232383	0.587305	-1.70269	0.890813	1.06011	1.06011	0.787466	0.891513	-1.12169	3.31986	9.49523	2.54234	1
cg16717626	0.117268	1.47909	1.47909	0.0371026	1.74515	1.74515	0.75681	0.93103	-1.07408	0.325243	1.26327	1.26327	3.31983	2.78292	0.745131	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105 047 vs. N) vs. N)	Ratio(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-p-value(1117 057 vs. N) vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-p-value(1127 127 vs. N) vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-p-value(1217 217 vs. N) vs. N)	Ratio(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(1-p-value(3477 477 vs. N) vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-p-value(3537 537 vs. N) vs. N)	Ratio(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-p-value(5377 377 vs. N) vs. N)	Ratio(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-p-value(5637 637 vs. N) vs. N)	Ratio(5637 vs. N)	t(Test)	SS(Test)	SS(Error)	df	F(Error
cg22425903	RASGRF2	0.0527398	0.8158	1.06484	1.06484	0.0386403	1.90567	1.90567	0.0601822	0.565423	-1.76859	0.156091	0.665308	-1.50306	0.0133295	0.438049	-2.28285	0.457253	1.22607	1.22607	0.0600554	0.565851	-1.76725	0.843653	0.948227	-1.0546	0.952106	0.983959	-1.0163	1.33982	1.81099	1.0204	1
cg25819026	SPTBN4;SPTBN4	0.052741	0.987969	0.994596	-1.00543	0.0899717	1.95733	1.95733	0.806554	0.915612	-1.09217	0.542858	0.801446	-1.24774	0.125228	1.81545	1.81545	0.04225541	2.31807	2.31807	0.00369322	4.09592	4.09592	0.2217551	1.58647	1.58647	0.371345	0.719032	-1.39076	3.19179	6.78961	1.81795	1
cg03798603	SIT1;SIT1	0.0527413	0.103412	0.349367	-2.86232	0.0986926	0.343335	-2.91261	0.889308	0.330823	-3.02276	0.0559628	0.278504	-3.59062	0.0114997	0.154666	-6.46554	0.0988656	0.343559	-2.91071	0.0105451	0.149611	-6.68402	0.0462366	0.259676	-3.85095	0.0600936	0.285877	-3.49801	3.31978	18.3287	4.9076	1
cg26662578	FAM101A	0.0527423	0.465368	1.21811	1.21811	0.3920651	1.2622	1.2622	0.351811	1.28976	1.28976	0.0109397	2.35598	2.35598	0.3994113	1.25746	1.25746	0.298035	1.33172	1.33172	0.3136837	2.24727	2.24727	0.0179014	2.1472	2.1472	0.0174682	2.15609	2.15609	3.3176	3.7079	0.3928816	1
cg18552077	ZC3H3	0.0527434	0.059762	0.805304	-1.24177	0.748181	0.9677	-1.03338	0.0170139	1.34529	1.34529	0.103609	0.833791	-1.19934	0.820367	1.02345	1.02345	0.554854	0.940932	-1.06278	0.072257	1.22689	1.22689	0.0852884	1.21399	1.21399	0.225105	1.13868	1.13868	3.91973	0.546299	0.146276	1
cg02974655	TSKU	0.0527435	0.0334501	0.486293	-2.05637	0.0137136	0.481628	-2.07629	0.307664	0.736114	-1.35848	0.109142	0.602385	-1.66007	0.0454316	0.151904	-6.94589	0.0758872	0.563749	-1.77384	0.0108215	0.995097	-2.51102	0.0394439	0.50098	-1.99602	0.0360983	0.493769	-2.02524	3.91073	4.42568	1.18502	1
cg06861044	UMOD;UMOD	0.0527436	0.0348897	11.3962	11.3962	0.0506546	9.0612	9.0612	0.268792	3.12632	3.12632	0.0996606	5.96472	5.96472	0.562765	1.78441	1.78441	0.206431	3.73918	3.73918	0.00397718	46.163	46.163	0.0209446	15.6354	15.6354	0.6980556	1.47082	1.47082	3.91973	51.4973	13.7889	1
cg01561092	HEATR3	0.0527442	0.760821	1.13457	1.13457	0.0112746	3.71583	3.71583	0.115342	1.94577	1.94577	0.207254	1.73122	1.73122	0.175173	0.550872	-1.8153	0.793749	0.897306	-1.11445	0.36767	0.620332	-1.61204	0.0248077	0.591258	-1.6188	0.0720324	0.861707	-1.16049	3.19372	8.99155	2.40753	1
cg14182621	RYR1;RYR1	0.0527448	0.0835749	0.413033	-2.42112	0.594244	1.28177	1.28177	0.538844	0.777281	-1.28654	0.109542	0.446849	-2.23789	0.00252363	0.144258	-6.93201	0.495613	1.37637	1.37637	0.0934376	0.426604	-2.34409	0.528408	0.744605	-1.34298	0.478601	1.39458	1.39458	3.3197	11.2079	3.00105	1
cg13170051	HIVEP3;HIVEP3	0.0527458	0.135599	0.445947	-2.24242	0.200689	0.50734	-1.97106	0.121169	0.430096	-2.32506	0.983882	0.989909	-1.01019	0.0461446	0.317531	-3.1493	0.549234	0.737673	-1.35561	0.00170646	0.105501	-9.47859	0.0756926	0.370596	-2.69836	0.446951	0.677612	-1.47577	3.31968	13.2533	3.54875	1
cg27476576	INHBB	0.052746	0.467678	1.08569	1.08569	0.0805225	1.32	1.32	0.108468	1.52977	1.52977	0.341513	1.30357	1.30357	0.2997	1.12088	1.12088	0.158899	1.18939	1.18939	0.0681254	1.73383	1.73383	0.0149157	1.94191	1.94191	0.0149219	1.98299	1.98299	2.61097	5.40389	1.44497	1
cg19714332	NDRG1;NDRP2	0.0527461	0.0515653	0.464393	-2.15335	0.852453	0.937586	-1.06657	0.951444	0.1213	1.6643	0.0350337	0.427344	-2.34002	0.535665	0.80484	-1.24248	0.0424101	2.62202	2.62202	0.0001425	0.265825	-3.76187	0.246236	1.52157	1.52157	0.170418	0.603296	-1.65756	3.31967	6.29938	1.68675	1
cg08746833	HIST4H4	0.0527463	0.686085	1.16554	1.16554	0.387979	0.72732	-1.37506	0.194007	0.365257	0.704438	-1.41957	0.937252	0.966158	-1.03503	0.0970796	1.86679	1.86679	0.0760308	2.10407	0.0445223	0.43102	4.16102	0.0342767	2.24059	2.24059	0.123414	1.87598	1.87598	3.7239	2.60084	1
cg14369273	TXNDC5;TXNDC5	0.0527465	0.0390248	0.661341	-1.51208	0.0281032	0.63833	-1.56659	0.395276	1.16225	1.16225	0.356646	0.848665	-1.17832	0.0510207	0.680673	1.46913	0.213327	0.797064	-1.2546	0.126084	1.33172	1.33172	0.1845113	1.27585	1.27585	0.132094	0.7548	-1.32485	3.31966	1.575	0.42373	1
cg10299383	RGS20;RGS20	0.0527465	0.0497875	0.375803	-2.66097	0.0626351	0.999992	-2.50005	0.0085299	0.250376	3.99201	-4.3414	0.651123	0.819469	-1.2305	0.0445045	0.385072	-2.59692	0.0911409	0.443438	0.2255	0.262292	-3.81255	0.0601255	0.395569	-2.52801	0.438727	0.707915	-1.4126	3.31966	10.057	2.69292	1
cg10335860	TSHR;TSHR;TSHR	0.0527476	0.309036	0.812717	-1.23044	0.0970568	1.43095	1.43095	0.411386	1.17993	1.17993	0.0419712	1.58671	1.58671	0.0156617	1.79307	1.79307	0.0619403	1.51293	1.51293	0.0642586	1.58811	1.58811	0.0208201	1.72903	1.72903	0.2388096	1.27516	1.27516	3.31963	2.0091	0.544221	1
cg13495347	VARS2;VARS2;VARS2	0.0527486	0.507793	1.47799	1.47799	0.141146	0.39843	-2.50985	0.00659236	0.12858	-7.77726	0.879723	1.09204	1.09204	0.288845	0.527181	-1.89688	0.504238	0.697308	-1.43409	0.079074	3.10719	3.10719	0.138619	2.52691	2.52691	0.186688	2.25668	2.25668	3.31961	17.7755	4.75972	1
cg19930790	NCLN	0.0527499	0.00425641	0.368716	-2.71212	0.322984	0.766226	-1.3051	0.697453	1.10727	1.10727	0.207763	0.707185	-1.41406	0.496422	0.83517	-1.19736	0.00834396	0.415085	-2.40914	0.406706	1.24781	1.24781	0.642905	0.88534	-1.12951	0.882161	0.962051	-1.03945	3.19358	3.57685	0.95778	1
cg23244790	PCDHGA4;PCDHGA11;PCDHGA12;PCDHGB2;PCDHGB7;PCDH GA5;PCDHGA1;PCDHGA2;PCDHGB6;P CDHGB4;PCDHGA3;PCDHGB5;PCDHGB1;P CDHGB3;PCDHGB;PCDHGB7;PCDH	0.0527506	0.0725717	11.5811	11.5811	0.0369292	19.3521	19.3521	0.0780255	10.9578	10.9578	0.14969	6.60908	6.60908	0.155397	6.41554	6.41554	0.021252	29.5323	29.5323	0.00869368	59.6447	59.6447	0.0327527	21.2034	21.2034	0.0662492	12.4144	12.4144	3.31956	78.5891	21.044	1
cg07950055	TRIM43	0.0527521	0.01356	0.298563	-3.34984	0.72001	0.84649	-1.18142	0.0134205	0.368839	-2.71452	0.114444	0.49956	-2.00176	0.0110876	0.27597	-3.62358	0.265683	0.847213	1.53483	0.144641	0.534422	-1.87118	0.0107007	0.836412	-1.19542	0.173157	0.556593	-1.79664	3.31952	8.50986	2.32043	1
cg00470766	PRICKLE1	0.0527521	0.143996	0.792107	-1.26246	0.860433	0.974209	-1.02647	0.133503	1.27163	1.27163	0.804873	1.03743	1.03743	0.574003	0.995173	-1.00485	0.723884	0.948699	-1.05408	0.0081813	0.605054	-1.65274	0.0580435	1.3745	1.3745	0.0751181	1.34212	1.34212	3.31952	1.15896	0.303141	1
cg06524195	PCHD2;PCHD2	0.0527529	0.76316	1.05385	1.05385	0.421143	0.86707	-1.15331	0.262628	1.22472	1.22472	0.765715	0.949455	-1.05324	0.629108	1.08814	1.08814	0.0913768	1.38082	1.38082	0.00302259	0.493874	-2.02481	0.150954	1.30622	1.30622	0.487291	1.13031	1.13031	3.31951	1.58374	0.424091	1
cg06347996	C20orf197	0.0527575	0.553271	0.892151	-1.12084	0.497299	0.72732	-1.37506	0.0134205	0.368839	-2.71452	0.0437197	0.18773	-5.32649	0.00258995	0.0389133	-25.6998	0.0188757	1.46232	1.46232	0.244851	0.0993972	2.88938	0.0146095	0.0470744	0.250091	-3.99854	0.0330111	0.0248377	3.31954	0.6294	0.189644	1
cg13736376	PITX2;PITX2;PITX2	0.0527535	0.212477	0.623542	-1.60374	0.718622	1.13899	1.13899	0.631454	0.840434	-1.18986	0.31162	1.79575	1.79575	0.41196	2.739531	-1.35221	0.468744	1.3217	1.3217	0.175071	0.595263	-1.67993	0.0025067	4.52713	4.52713	0.864213	1.0635	1.0635	3.31949	6.80176	1.82137	1
cg03423365	KIAA0040;KIAA0404	0.0527555	0.00453382	0.402582	-2.48396	0.0418995	0.895883	-1.11622	0.631455	0.883863	-1.1314	0.282751	1.38773	1.38773	0.0828371	0.670274	-1.58665	0.353813	1.27574	1.27574	0.0815792	1.56189	1.56189	0.0178439	1.70499	1.70499	0.1249781	1.29923	1.29923	3.31945	3.01966	0.814343	1
cg02107558	P8RC2	0.0527554	0.573268	0.897856	-1.11376	0.558702	1.11846	1.11846	0.428959	0.858244	-1.16557	0.756008	1.06078	1.06078	0.401413	0.419759	-2.38232	0.18624	1.30382	1.30382	0.754026	1.06131	1.06131	0.662739	0.801671	-1.24739	0.310613	0.819704	-1.21995	3.31944	1.88423	0.504565	1
cg21484586	HPN;HPN	0.0527555	0.483883	1.71155	1.71155	0.00236406	24.6092	24.6092	0.049248	5.44864	5.44864	0.493413	0.591332	-1.6911	0.233145	0.388951	-2.57102	0.70328	1.33518	1.33518	0.134592	1.38231	1.38231	0.370272	0.20067	2.00367	0.719566	1.31303	1.31303	3.31944	29.9956	8.03229	1
cg22215815	NXPH4	0.0527566	0.0783914	0.515313	-1.94035	0.0553113	0.454636	-2.19956	0.0134205	0.368839	-2.71452	0.213732	0.113455	8.81387	0.0126508	0.242618	-4.12078	0.0953037	0.993222	0.993222	0.0010259	0.40525	40.4525	0.0177001	1.28272	1.28272	0.0274454	1.84648	1.84648	3.31941	40.4183	10.8234	1
cg07726048	ABCA7	0.0527573	0.0370498	0.69374	-1.44146	0.367757	1.14995	1.14995	0.294927	1.17835	1.17835	0.468003	1.11797	1.11797	0.312717	1.14842	1.14842	0.213265	0.820421	1.21889	0.222825	1.52136	1.52136	0.474483	0.895975	-1.1161	0.0227135	1.5096	1.5096	3.3194	1.19898	0.323072	1
cg26573160	XIRN1	0.0527591	0.13091	0.732111	-1.36597	0.402007	0.814511	-1.22791	0.0134205	0.368839	-2.71452	0.144234	0.83816	-1.19335	0.0612576	0.544222	-1.83756	0.0113355	0.640222	0.640222	0.0001404	0.155656	1.56556	0.0001404	0.155656	1.56556	0.0001404	0.155656	1.56556	3.31939	2.95817	0.892139	1
cg24014462	ELAC2;ELAC2;ELAC2	0.0527587	0.0112186	0.595439	-1.67943	0.364661	1.16416	1.16416	0.390622	1.15435	1.15435	0.442071	0.879942	-1.13644	0.87454	0.974546	-1.02612	0.477717	1.888884	-1.12501	0.00424461	0.535538	-1.86728	0.755149	0.950234	-1.05237	0.689521	1.06772	1.06772	3.31937	1.39976	0.37484	1
cg12594911	PDE4DIP;PDE4DIP;PDE4DIP	0.0527592	0.0983312	0.420058	-2.38062	0.107964	2.31269	2.31269	0.109484	2.30268	2.30268	0.682229	0.823413	-1.21446	0.0173895	0.24428	-4.09367	0.0184696	0.249094	-4.01455	0.543455	0.74784	-1.33718	0.236375	0.554696	-1.80279	0.553796	0.753561	-1.32703	0.555651	12.4012	2.68188	1
cg13758646	GABBR2	0.0527602	0.0889747	0.433169	-2.30863	0.0973797	1.33669	1.33669	0.912744	1.03473	1.03473	0.137159	1.83737	1.83737	0.0329599	0.544422	-1.83616	0.0906605	1.10065	1.10065	0.356434	1.36602	1.36602	0.0126418	2.00265	2.00265	0.0044644	2.06172	2.06172	3.31933	3.0081	1.36462	1
cg21357108	PMP22;PMP22;PMP22;PMP22	0.0527603	0.0514833	0.81863	-1.22155	0.514425	0.943083	-1.06035	0.309095	0.910651	-1.09812	0.56056	0.949195	-1.05352	0.417942	1.07622	1.07622	0.2393	0.896039	-1.11602	0.755685	0.972758	-1.02801	0.0100372	1.34776	1.34776	0.0379281	1.24348	1.24348	3.31928	0.436231	0.0943397	1
cg15611897	ZEB2;ZEB2;ZEB2	0.0527606	0.550803	0.894009	-1.11846	0.493538	0.979358	-1.02128	0.0134205	0.368839	-2.71452	0.104852	0.941557	-1.06225	0.0481294	1.132502	-1.14052	0.0547607	1.17983	1.17983	0.0132596	1.42453	1.42453	0.0070177	1.83893	1.83893	0.0125965	1.40406	1.40406	3.31927	1.08376	0.744185	1
cg04289416	FTHL17;FTHL17	0.0527608	0.524847	3.9275	1.33275	0.755544	0.414032	-2.41528	0.0230973	0.297915	-3.35666	0.467548	0.719276	-1.39029	0.0973936	0.177341	-5.63887	0.410941	1.45469	1.45469	0.785157	1.1293	1.1293	0.810505	1.11302	1.11302	0.355511	0.654644	-1.52755	3.19331	10.4458	2.79731	1
cg22773661	ZAR1	0.0527632	0.646544	0.601366	-1.66288	0.259192	3.65651	3.65651	0.469859	2.24749	2.24749	0.00933004	37.7875	37.7875	0.359422	35.4321	-2.82319	0.151991	5.42126	5.42126	0.277312	0.2881066	-3.47095	0.235623	3.9313	3.9313	0.0105331	34.6294	34.6294	3.31926	63.7737	17.0784	1
cg26488975	HMGB2;HMGB2	0.0527654	0.0652584	0.789883	-1.26625	0.603239	0.875538	-1.14225	0.0134205	0.368839	-2.71452	0.218726	0.778176	-1.28506	0.142825	0.700238	-1.42823	0.0847607	0.783893	0.783893	0.0125965	1.27654	1.27654	0.0070177	1.83893	1.83893	0.0125965	1.40406	1.40406	3.31925	1.13745	0.342974	1
cg02643172	NXPH1	0.0527641	0.0635844	0.375961	-2.65985	0.0015754	0.118958	-8.4063	0.0707786	0.386792	-2.58537	0.399726	0.667419	-1.49831	0.491245	0.72042	-1.38808	0.0726611	0.452892	0.523807	0.764037	0.740134	-1.35111	0.164159	0.498444	-2.00625	0.915488	1.05105	1.05105	3.31923	11.5647	3.09703	1
cg07535324	TYK2	0.0527648	0.943679	1.01736	1.01736	0.863867	1.04333	1.04333	0.65432	0.896048	-1.11601	0.0993564	0.637957	-1.5675	0.0344884	0.583707	-1.71332	0.511818	0.841461	0.841461	0.0001404	0.155656	1.56556	0.0001404	0.155656	1.56556	0.0001404	0.155656	1.56556	3.31923	0.617301	-1.61996	0.513784	0.834951	1
cg05827943	ZB1	0.0527668	0.741509	0.964507	-1.03687	0.9085	1.0332	1.0332	0.122003	0.90019	-1.11099	0.20919	0.917071	1.09067	0.0740555	1.24279	-1.34279	0.53441	1.07111	1.07111	0.0801084	0.648573	-1.54185	0.943343	1.11246	1.11246	0.267393	0.86616	-1.15464	3.31917	0.626566	0.167797	1
cg21454777	TMEM90B	0.0527673	0.0947226	0.511126	-1.69169	0.178552	0.677757	-1.47545	0.0219358	0.41021	2.43679	0.478305	0.815344	1.22919	0.0178565	0.280279	-3.57042	0.190083	0.672679	-1.48659	0.601781	0.860088	-1.16262	0.191251	0.672939	-1.48602	0.185528	0.669063	-1.49463	3.19176	4.30776	1.15364	1
cg19497750	SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.0527677	0.0736279	0.30022	-3.33089	0.00194195	0.0710098	-14.0826	0.0885236	0.321847	-3.10707	0.968471	1.02417	1.02417	0.166552	0.410697	-2.43488	0.451058	0.629212	-1.58929	0.0950877	0.330698	-3.02391	0.0772913	0.305763	-3.2705	0.144667	0.388595	-2.57337	3.19115	19.1346	5.12437	1
cg00438063	ZNF213;ZNF213	0.0527683	0.435205	0.816344	-1.22497	0.387444	1.31431	1.31431	0.257983	0.760178	-1.31537	0.135173	0.705224	-1.41826	0.0515129	0.30033	-3.32995	0.374034	0.790504	1.26532	0.0111361	0.74565	-1.34137	0.22551	0.74565	-1.34137	0.22551	0.74565	-1.34137	3.31915	1.38323	0.429494	0.812811	-1.2303	3.19115	0.954149	1
cg12334636	TMEM182	0.052769	0.0615495	1.46109	1.46109	0.0273001	0.624409	-1.60151	0.78133	1.05138	1.05138	0.345998	1.19094	1.19094	0.209518	1.26889	1.26889	0.0263439	1.60683	1.60683	0.075938	1.42705	1.42705	0.929703	0.984239	-1.01601	0.195531	0.781547	-1.27951	3.19112	1.70415	0.456386	1
cg07855163	CPLX2	0.0527703	0.0031554	0.385635	-2.59213	0.284099	1.30054	1.30054	0.272644	1.30952	1.30952	0.461767	1.19356	1.19356	0.282039	1.26795	1.26795	0.0139618	1.26168	1.26168	0.290234	1.37174	1.37174	-1.29573	0.559788	0.863634	-1.1579	0.0980181	0.651385	-1.53519	3.19109	2.29157	0.785269	1
cg13657951	RAB14	0.0527714	0.0126238	0.429224	-2.34794	0.64231	0.810976	-1.23308	0.0136172	1.31169	1.31169	0.950795	1.04435	1.04435	0.0225262	0.473532	-2.11179	0.430505	0.802427	-1.24622	0.0164296	0.448347	-2.23042	0.654375	0.884011	-1.13121	0.0499317	0.540932	-1.84866	3.31906	3.93461	0.753574	1
cg03440588	FOXD2;MGC12982	0.0527722	0.757421	1.08237	1.08237	0.0262752	2.89799	2.89799	0.931258	0.978198	-1.02229	0.272995	1.33841	1.33841	0.949224	1.0164	1.0164	0.778292	0.930423	-1.07478	0.555957	0.575175	-1.7386	0.222336	0.720599	-1.38773	0.508652	1.18686	1.18686	3.31904	3.43144	0.918093	1
cg20159795	NCRNA00171	0.0527739	0.0546473	1.53691	1.53691	0.0145271	0.618548	-1.61627	0.0242272	0.300683	-3.32715	0.0128112	0.567642	1.76182	0.0133603	0.2812	-3.55602	0.0996162	2.09159	2.09159	0.0008554	0.477507	2.09511	0.0072541	1.58288	1.58288	0.0029062	1.63498	1.63498	3.31903	1.84859	1.17942	0.284957	1
cg16374953	USPL1	0.0527742	?	?	?	0.629468	1.33361	1.33361	0.0534317	3.75796	3.75796	0.576858	0.716099	-1.39646	0.0051949	0.102021	0.80192	0.356273	0.569131	-1.75706	0.63476	1.3276	1.3276	?	?	0.767	1.19223	1.19223	3.70218	15.6188	4.21881	1
cg21120539	CTSZ;CTSZ	0.0527746	0.0513504	13.1774	13.1774	0.2904	3.57966	3.57966	0.119935	7.10501	7.10501	0.0853109	0.12249	0.12249	0.149626	0.01359	0.01359	0.715576	1.53009	1.53009	0.0043513	101.036	101.036	0.016888	1.79111	1.79111	0.0155443	31.467	31.467	3.31898	71.0079	19.0173	1
cg15608397	PAX2;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;CCDC140;PAX3;PAX3;PAX	0.0527755	0.0587478	2.98014	2.98014	0.2270833	3.81296	3.81296	0.138597	2.26027	2.26027	0.706582	1.21341	1.21341	0.922901	1.05076	1.05076	0.0942445	0.390249	-2.56247	0.0331814	0.279836	-3.57352	0.460984	0.681207	-1.46798	0.24253	1.86934	1.86934	3.31896	13.7516	3.68299	1
cg09987889	MUC12	0.0527768	0.0116866	0.382934	-2.61141	0.662809	1.14301	1.14301	0.194794	0.658484	-1.51864	0.00870332	0.361134	-2.76906	0.358862	0.750194	-1.33299	0.12941	0.607047	-1.64732	0.0767524	0.548992	-1.82152	0.0236256	0.438991	-2.27795	0.40206	0.770103	-1.29696	3.31893	4.87853	1.30659	1
cg21622538	PRR7;PRR7	0.0527774	0.7000067	1.08489	1.08489	0.0214475	0.624247	-1.60226	0.0134205	0.368839	-2.71452	0.144757	0.834722	-1.19788	0.0612575	0.544222	-1.83756	0.0113355	0.640222	0.640222	0.0001404	0.155656	1.56556	0.0001404	0.155656	1.56556	0.0001404	0.155656	1.56556	3.31893	2.95817	0.892139	1
cg25104512	ALS2CL	0.0527805	0.325626	0.311396	-3.21135	0.8332222	1.27429	1.27429	0.111936	7.31371	7.31371	0.841626	0.794557	-1.25856	0.177649	0.192674	-5.19011	0.564774	1.95243	1.95243	0.898001	0.862931	-1.15884	0.00536337	67.6968	67.6968	0.0231079	22.7006	22.7006	3.31884	69.4542	18.602	1
cg17181255	PLEKHG6;PLEKHG6	0.0527812	0.409002	1.75043	1.75043	0.0199213	6.55031	6.55031	0.031241	5.36066	5.36066	0.10921	1.39098	1.39098	0.157113	0.365968	-2.73248	0.11905	2.87998	2.87998	0.0114477	1.55641	1.55641	0.049172	2.04816	2.04816	0.0254348	1.83866	1.83866	3.31882	23.1977	6.21309	1
cg12554476	GP2;GP2;GP2;GP2;GP2;GP2;GP2;GP2;GP2;GP2;GP2;GP2	0.0527823	0.598186	1.08215	1.08215	0.5618341	1.55505	1.55505	0.163803	0.883185	-1.13227	0.596438	1.1192	1.1192	0.376128	0.893572	-1.11939	0.826324	1.22054	1.22054	0.0982416	0.819756	1.22054	0.0982416	0.819756	1.22054	0.0982416	0.819756	1.22054	3.31881	0.845167	-1.18826	1.3188	0.2705	0.693304	1
cg03509965	FOS	0.0527825	0.108983	0.73709	-1.35669	0.236728	1.24154	1.24154	0.770994	0.95034	-1.05226	0.0283056	0.636452	-1.57121	0.829186	0.962996	-1.03843	0.0245779	0.626703	-1.59565	0.0220042	0.619143	-1.61513	0.264359	0.816255	-1.22511	0.179883	1.28219	1.28219	3.31879	1.60086	0.428766	1
cg14400768	PPARA;PPARA	0.0527826	0.25295	0.765567	-1.30607	0.471275	0.437	-2.28782	0.0134205	0.368839	-2.71452	0.145583	0.91563	-1.09211	0.0016338	0.114194	-8.7594	0.735984	1.0443	1.0443	0.0012598	1.64125	1.64125	0.0001404	0.155656	1.56556	0.0001404	0.155656	1.56556	3.31879	3.30474	0.815784	0.847911	-1.28586	3.19179	1.82459	0.33665	1
cg13236257	C11orf66;C11orf66	0.052784	0.0924308	0.505483	-1.97831	0.1181774	0.535274	-1.8682	0.187436	0.597059	-1.67431	0.29814	0.672123	-1.48782	0.1109616	0.527386	-1.89614	0.0406052	0.418532	-2.38931	0.00877879	0.292429	-3.41964	0.0778162	0.283975	-3.52143	0.0616166	0.460439	-2.17184	3.31876	7.13342	1.9106	1
cg02255892	GJC1;GJC1	0.0527847

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24853299	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.0528566	0.420899	1.42236	1.42236	0.0106334	0.252504	-3.96033	0.030201	0.335535	-2.98031	0.22639	0.580274	-1.72332	0.430045	0.708125	-1.41218
cg03861966	CRADD	0.0528583	0.100451	0.150924	-6.62586	0.0642519	8.89	8.89	0.50748	2.02707	2.02707	0.0823342	0.132346	-7.55594	0.0235129	0.0582556	-17.1657
cg16494058	MAD1L1;MAD1L1;MAD1L1	0.0528594	0.0165973	0.546529	-1.82973	0.484857	1.15787	1.15787	0.0673414	0.654857	-1.52705	0.713223	1.07921	1.07921	0.687972	0.92001	-1.08694
cg08393317	CACNG7	0.0528602	0.0411611	10.3615	10.3615	0.0275021	13.2959	13.2959	0.154557	4.53717	4.53717	0.106205	5.76025	5.76025	0.078666	6.9468	6.9468
cg19052124	PRPF40B;PRPF40B	0.0528602	0.432069	0.701213	-1.4261	0.286831	0.612872	-1.63166	0.0346821	0.336205	-2.97437	0.0175202	0.278072	-3.59619	0.00624521	0.206452	-4.84374
cg04153991	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.0528612	0.253184	1.76808	1.76808	0.0807404	2.52152	2.52152	0.621056	1.26866	1.26866	0.454414	1.43891	1.43891	0.0383165	0.317821	-3.14642
cg02177648	C6orf27;C6orf27	0.0528618	0.0358827	0.287967	-3.47262	0.0600923	0.33907	-2.94925	0.429566	0.662846	-1.50865	0.171396	0.475878	-2.10138	0.0236985	0.252305	-3.96345
cg04325632	ADRA2C	0.052862	0.302473	0.766987	-1.3038	0.197196	1.40295	1.40295	0.741636	0.921119	-1.08564	0.215704	1.3821	1.3821	0.617746	1.13309	1.13309
cg18347426	3-Mar	0.0528643	0.0853737	0.322308	-3.10263	0.00600985	0.117979	-8.47607	0.111134	0.355841	-2.81024	0.79977	0.859574	-1.16337	0.0371229	0.236737	-4.22409
cg26191471	FOXN4	0.052865	0.0217822	0.173	-5.78036	0.0319694	0.201633	-4.9595	0.120588	0.342068	-2.9234	0.115662	0.336326	-2.97331	0.0923593	0.307182	-3.2554
cg20559736	CEACAM19;CEACAM19	0.0528666	0.558399	0.938952	-1.06502	0.127563	0.839149	-1.19168	0.00801899	0.69657	-1.43561	0.368468	1.10331	1.10331	0.0669679	0.803677	-1.24428
cg12077698	TRIM62	0.0528677	0.420363	0.776746	-1.28742	0.00654096	2.95708	2.95708	0.953014	0.982079	-1.01825	0.5457	0.828897	-1.20642	0.0135113	0.391324	-2.55543
cg05005077	C1orf229	0.0528686	0.0162493	0.220268	-4.53993	0.71992	0.830822	-1.20363	0.124737	0.42507	-2.35255	0.780357	0.865978	-1.15476	0.0164572	0.221188	-4.52103
cg20172563	CD2AP	0.0528704	0.0128626	0.226055	-4.42371	0.0711897	0.379013	-2.63843	0.0405366	0.320243	-3.12263	0.211724	0.53083	-1.88384	0.0149106	0.236617	-4.22625
cg14787112	MIR517A	0.052871	0.00763021	0.320726	-3.11792	0.015245	0.372368	-2.68551	0.0625679	0.499186	-2.00326	0.155859	0.6045	-1.65426	0.0657263	0.504283	-1.98301
cg19262371	NT5C3;NT5C3	0.0528717	0.452195	1.09839	1.09839	0.0597767	0.770834	-1.2973	0.77501	0.965494	-1.03574	0.299654	1.14078	1.14078	0.010294	1.48615	1.48615
cg21101743	LOC646999	0.052873	0.0373637	0.251384	-3.97798	0.104409	2.7579	2.7579	0.943078	1.04165	1.04165	0.962147	1.02749	1.02749	0.0353815	0.246558	-4.05583
cg26224785	ZIC4;ZIC4;ZIC4	0.0528744	0.0872881	0.156417	-6.39317	0.182039	0.248588	-4.02272	0.151413	4.52931	4.52931	0.0484024	0.10902	-9.17262	0.0647006	0.130157	-7.68301
cg16196087	FBXO30	0.0528749	0.939434	0.988268	-1.01187	0.0243915	0.659313	-1.51673	0.395576	1.14467	1.14467	0.0833063	1.34679	1.34679	0.190657	0.806377	-1.24011
cg05641351	EFNA1;EFNA1	0.0528777	0.65857	0.93677	-1.0675	0.0267167	1.47049	1.47049	0.573615	1.0871	1.0871	0.643605	0.933858	-1.07083	0.0887293	1.31756	1.31756
cg06650664	SEMA6A	0.0528781	0.11532	0.800681	-1.24894	0.971758	0.995414	-1.00461	0.0967623	0.789218	-1.26708	0.726201	0.955378	-1.04671	0.0217798	0.699406	-1.42979
cg02457623	ATP2B4;ATP2B4	0.0528787	0.0505295	0.212322	-4.70982	0.589861	1.45997	1.45997	0.295647	0.470424	-2.12574	0.210137	0.399181	-2.50513	0.00692889	0.0880467	-11.3576
cg17866667	CACNG8	0.0528791	0.231888	0.717259	-1.3942	0.0233557	2.05064	2.05064	0.0162987	2.17815	2.17815	0.92452	1.02543	1.02543	0.420666	0.80409	-1.24364
cg05765011	ADCY9	0.0528791	0.0650507	0.350804	-2.8506	0.0262086	0.263523	-3.79473	0.00500721	0.152911	-6.53976	0.66699	0.803403	-1.24471	0.0339977	0.286092	-3.49539
cg13909555	PIGB;PIGB	0.0528794	0.556503	1.32668	1.32668	0.597874	1.28787	1.28787	0.726142	1.18192	1.18192	0.777954	0.874268	-1.14381	0.573368	0.763048	-1.31053
cg10194160	TRIM31	0.0528801	0.367665	0.289292	-3.45672	0.139773	8.41237	8.41237	0.668677	0.561551	-1.78078	0.910753	1.16217	1.16217	0.0218735	0.025044	-39.9297
cg20844384	OTUD6A	0.0528802	0.483564	1.42394	1.42394	0.388957	0.64515	-1.55003	0.104957	0.414988	-2.40971	0.613872	0.776815	-1.28731	0.0063087	0.171053	-5.84616
cg11815425	ONECUT1	0.0528803	0.00290117	4.36432	4.36432	0.859231	0.938103	-1.06598	0.300162	1.47174	1.47174	0.840815	1.07507	1.07507	0.940842	1.02707	1.02707
cg10448687	C13orf35	0.0528806	0.0507029	0.502546	-1.98987	0.0529499	0.506746	-1.97338	0.0474535	0.4962	-2.01532	0.2464	0.687548	-1.45444	0.0114637	0.376207	-2.65811
cg14638189	TSPAN18	0.0528811	0.0995094	0.603754	-1.6563	0.00392661	0.338011	-2.95848	0.0295817	0.488748	-2.04604	0.504087	1.20861	1.20861	0.103652	0.608117	-1.64442
cg18544030	TSPAN5	0.0528811	0.0581093	0.461222	-2.16815	0.0758372	0.489701	-2.04206	0.0431615	0.43145	-2.31777	0.15035	0.57288	-1.74557	0.00846673	0.296834	-3.36889
cg10947633	SLIT2	0.0528816	0.730693	1.05993	1.05993	0.286801	1.20482	1.20482	0.796483	0.957396	-1.0445	0.0823267	0.723096	-1.38294	0.318745	0.84064	-1.18957
cg15327641	ALLC	0.0528823	0.204496	0.472873	-2.11473	0.124642	0.394596	-2.53423	0.238453	0.501257	-1.99499	0.322516	0.564617	-1.77111	0.00331798	0.106811	-9.36232
cg26103179	SRRM4	0.0528839	0.0919547	2.44086	2.44086	0.425965	1.4785	1.4785	0.645816	0.800443	-1.24931	0.186518	1.96124	1.96124	0.0414091	3.09997	3.09997
cg12014368	MRAP;MRAP	0.0528839	0.37247	1.35427	1.35427	0.0273568	0.421221	-2.37405	0.0211088	0.399103	-2.50562	0.140357	0.591337	-1.69108	0.294888	0.697817	-1.43304
cg13515605	CMTM6	0.0528877	0.0667309	1.32031	1.32031	0.0646981	1.32375	1.32375	0.012857	1.51826	1.51826	0.0792359	1.30132	1.30132	0.486012	1.10041	1.10041
cg11273471	SNORD115-13	0.0528884	0.0285562	0.193662	-5.16364	0.422184	0.59395	-1.68364	0.277549	0.487958	-2.04936	0.463964	1.6058	1.6058	0.0115041	0.134185	-7.4524
cg08111021	ROR1;ROR1	0.052889	0.769702	1.02314	1.02314	0.00601257	0.756005	-1.32274	0.224512	1.10453	1.10453	0.204826	0.901	-1.10988	0.654826	1.03569	1.03569
cg17073859	EDNRA;EDNRA;EDNRA	0.0528891	0.182007	1.71477	1.71477	0.00552136	4.00858	4.00858	0.828793	0.920862	-1.08594	0.246937	0.630719	-1.58549	0.791007	0.903833	-1.1064
cg24398932	SLFN5	0.0528897	0.861004	0.961761	-1.03976	0.011245	0.493362	-2.02691	0.0678192	0.634399	-1.5763	0.020192	0.536224	-1.86489	0.12766	0.693197	-1.44259
cg11353792	LOC284379	0.0528904	0.0161964	0.13723	-7.28703	0.0701549	0.254855	-3.92381	0.0470407	0.215491	-4.64056	0.0870894	0.279212	-3.5815	0.0661025	0.248555	-4.02325
cg26735598	EMR2;EMR2;EMR2;EMR2;EMR2;EMR2;EMR2	0.0528912	0.0943322	0.534801	-1.86985	0.769236	1.1053	1.1053	0.363464	1.37415	1.37415	0.213808	0.640536	-1.56119	0.152279	0.593427	-1.68513
cg06960881	PMP22;PMP22	0.0528917	0.0768587	0.51201	-1.95309	0.137901	0.580684	-1.72211	0.21278	0.639893	-1.56276	0.427539	0.759113	-1.31733	0.00188128	0.223244	-4.47941
cg23004082	PMS1;PMS1;PMS1;ORMDL1;ORMDL1	0.0528925	0.0441422	0.80323	-1.24497	0.189119	1.1409	1.1409	0.42541	1.08018	1.08018	0.43556	1.07829	1.07829	0.0738946	1.20775	1.20775
cg05637113	SRFBP1	0.052894	0.00663493	0.420996	-2.37532	0.288439	0.762925	-1.31075	0.154014	0.687484	-1.45458	0.0772265	0.617313	-1.61992	0.0754348	0.615094	-1.62577
cg06907229	PSTK	0.0528942	0.477005	1.23128	1.23128	0.0144729	0.420208	-2.37977	0.0126901	0.410117	-2.43833	0.368503	1.30445	1.30445	0.0591214	0.541628	-1.84629
cg14033944	NEIL2;NEIL2;NEIL2;NEIL2	0.0528973	0.658588	0.872377	-1.14629	0.0565942	1.93988	1.93988	0.528518	0.821965	-1.2166	0.0289386	0.453523	-2.20496	0.29302	1.39784	1.39784
cg27282987	PODXL2	0.0528978	0.0164945	0.442169	-2.26158	0.0620618	0.556997	-1.79534	0.713909	0.902517	-1.10801	0.391759	0.78316	-1.27688	0.0208073	0.460681	-2.1707
cg26485825	LAMA3;LAMA3;LAMA3;LAMA3	0.052898	0.97702	1.00667	1.00667	0.647747	0.899303	-1.11197	0.0301153	0.555197	-1.80116	0.887295	1.03326	1.03326	0.663795	1.10618	1.10618
cg02250680	LPXN;ZFP91-CNTF;ZFP91	0.0528984	0.357698	0.899513	-1.11171	0.190275	1.16801	1.16801	0.0140702	1.40408	1.40408	0.841622	1.02265	1.02265	0.531446	0.931487	-1.07355
cg09408937	CYFIP1	0.0528986	0.868164	0.955451	-1.04663	0.931639	1.02381	1.02381	0.635852	0.877353	-1.13979	0.244511	1.39651	1.39651	0.00340938	0.335643	-2.97935
cg02789441	IMP4;CCDC115	0.0528993	0.823998	0.938651	-1.06536	0.419321	1.26432	1.26432	0.303157	1.35411	1.35411	0.0453499	0.520749	-1.92031	0.00484769	0.345834	-2.89156
cg00393546	DIP2C	0.0529003	0.129196	0.750098	-1.33316	0.926492	0.983946	-1.01632	0.226682	1.24935	1.24935	0.976349	1.00521	1.00521	0.74801	0.945035	-1.05816
cg03177323	HCFC1;HCFC1;TMEM187	0.0529011	0.277548	0.513421	-1.94772	0.102306	0.348007	-2.87351	0.960457	0.971154	-1.0297	0.00237208	12.2071	12.2071	0.190721	0.441327	-2.2659
cg26995992	FBXO31;FBXO31	0.0529013	0.0662294	1.45425	1.45425	0.175728	0.769751	-1.29912	0.254047	0.805346	-1.2417	0.652756	1.0858	1.0858	0.210803	1.27081	1.27081
cg14099398	PLD6	0.0529023	0.204518	0.693619	-1.44171	0.119749	0.630502	-1.58604	0.753181	0.917417	-1.09002	0.166951	0.668581	-1.4957	0.0853406	0.594694	-1.68154
cg03909478	WDR27	0.0529027	0.363117	0.816461	-1.2248	0.995273	1.00129	1.00129	0.190838	0.740445	-1.35054	0.314115	0.797837	-1.25339	0.583856	0.886912	-1.12751
cg06219125	CACNG3	0.0529028	0.0980306	0.222579	-4.49279	0.567927	0.620099	-1.61265	0.127873	0.25596	-3.90687	0.561844	1.62511	1.62511	0.0122668	0.075585	-13.2301
cg01020840	PTPN21	0.0529049	0.951741	1.02064	1.02064	0.00374769	0.26691	-3.74658	0.0275696	0.415027	-2.40948	0.479286	0.784477	-1.27473	0.254442	0.669231	-1.49425
cg09717979	UBE2D3;CISD2;UBE2D3	0.0529067	0.746982	1.03659	1.03659	0.533289	1.07257	1.07257	0.869624	0.981928	-1.0184	0.103555	1.21854	1.21854	0.484219	1.08212	1.08212
cg18205517	TRABD	0.0529075	0.953489	1.01073	1.01073	0.00438079	2.00683	2.00683	0.154908	1.32136	1.32136	0.86947	1.03056	1.03056	0.651076	0.920037	-1.08691
cg00187229	CPLX1	0.0529081	0.135753	2.06902	2.06902	0.0178392	3.67794	3.67794	0.0119577	4.12977	4.12977	0.604876	1.26623	1.26623	0.370122	0.659527	-1.51624
cg17748182	DVL1	0.0529098	0.871683	0.943813	-1.05953	0.131756	0.558777	-1.78962	0.00169803	0.201133	-4.97183	0.506824	1.27243	1.27243	0.186149	0.605668	-1.65107
cg12435629	LHX8	0.0529102	0.433891	1.41763	1.41763	0.616323	0.801884	-1.24706	0.13544	2.02038	2.02038	0.0625798	2.49897	2.49897	0.290383	0.61906	-1.61535
cg27581047	SLC35B4	0.0529104	0.0722733	0.342899	-2.91631	0.0200719	0.223862	-4.46703	0.189849	0.476677	-2.09786	0.288241	0.555282	-1.80089	0.0389377	0.279307	-3.58029
cg05144345	FAM53A	0.052912	0.361452	0.700582	-1.42739	0.0656611	2.18929	2.18929	0.574594	0.806442	-1.24001	0.0156801	3.07564	3.07564	0.32507	0.680133	-1.4703
cg08400424	ARHGAP26;ARHGAP26	0.0529122	0.0642277	0.51495	-1.94194	0.191934	1.55405	1.55405	0.0887421	0.549234	-1.82072	0.040268	0.469422	-2.13028	0.0290604	0.439949	-2.27299
cg08101375	GLT8D2	0.0529132	0.0621848	8.26289	8.26289	0.955403	1.05786	1.05786	0.586172	1.73828	1.73828	0.185163	4.1097	4.1097	0.0988997	0.162052	-6.17088
cg23956119	WNT9A	0.0529134	0.593044	0.895261	-1.11699	0.00262428	2.34977	2.34977	0.781647	0.944606	-1.05864	0.191244	0.752918	-1.32817	0.894654	1.02754	1.02754
cg07565042	RNF141	0.0529152	0.0653045	0.574835	-1.73963	0.318391	0.758848	-1.31779	0.906265	0.968971	-1.03202	0.25298	1.37643	1.37643	0.086166	0.60209	-1.66088
cg22724847	OR14C36	0.0529161	0.0143067	0.130105	-7.6861	0.049706	0.220565	-4.5338	0.137254	0.339348	-2.94683	0.125833	0.32681	-3.05989	0.011372	0.117733	-8.4938
cg02472906	CA5A	0.0529182	0.104798	0.651497	-1.53493	0.0268441	0.530559	-1.8848	0.0076677	0.436784	-2.28946	0.81283	0.944281	-1.05901	0.00701337	0.430563	-2.32254
cg01529588	IFIT1L	0.0529185	0.0844967	1.94827	1.94827	0.0131882	0.341655	-2.92693	0.0284004	0.404876	-2.46989	0.68698	1.15209	1.15209	0.070575	0.493484	-2.02641
cg03935709	TSC2;TSC2;TSC2	0.0529201	0.807194	0.950039	-1.05259	0.522282	1.14561	1.14561	0.650149	0.908727	-1.10044	0.444924	1.17731	1.17731	0.00543163	0.464488	-2.15291
cg20447656	C22orf9	0.052921	0.488528	0.831698	-1.20236	0.104169	1.59243	1.59243	0.170394	0.682243	-1.46575	0.385332	1.26249	1.26249	0.918986	0.973708	-1.027
cg11110978	U2AF1;U2AF1;U2AF1	0.0529212	0.266144	1.16754	1.16754	0.476477	0.90775	-1.10162	0.911342	1.015	1.015	0.197565	1.19972	1.19972	0.83776	0.972962	-1.02779
cg08498465	CLEC16A	0.0529246	0.429943	0.840305	-1.19004	0.382841	1.2132	1.2132	0.0510762	1.61578	1.61578	0.671907	0.912106	-1.09636	0.00608096	0.461381	-2.16741
cg08519241	ANKRD54;MIR658	0.0529252	0.293727	0.85333	-1.17188	0.351557	1.14983	1.14983	0.294063	1.17174	1.17174	0.826761	1.03243	1.03243	0.00430261	1.74363	1.74363
cg26783146	VASN;CORO7	0.0529254	0.136096	0.601775	-1.66175	0.464015	0.790037	-1.26576	0.825808	0.932675	-1.07219	0.287908	1.4175	1.4175	0.0595095	0.510398	-1.95926
cg05893365	LRRC29;TMEM208;LRRC29	0.0529259	0.163596	0.6598	-1.51561	0.486899	0.820722	-1.21844	0.258922	1.39018	1.39018	0.0876771	1.69425	1.69425	0.00303221	0.321035	-3.11492
cg03216991	METT10D	0.0529273	0.912381	0.97515	-1.02548	0.647611	0.900135	-1.11094	0.0990264	1.51203	1.51203	0.493306	0.852952	-1.1724	0.186585	0.726086	-1.37725
cg12474153	PAFAH1B1	0.0529276	0.105279	0.650762	-1.53666	0.941933	1.01784	1.01784	0.996472	0.998927	-1.00107	?	?	?	0.856837	1.04481	1.04481
cg11527220	SPAG9;SPAG9	0.0529285	0.769986	0.910019	-1.09888	0.119742	0.581072	-1.72096	0.12868	0.589735	-1.69568	0.907874	0.963456	-1.03793	0.003307	0.276168	-3.62099
cg17382310	SLC13A4	0.0529286	0.109585	2.59474	2.59474	0.0425037	3.58508	3.58508	0.683158	1.25145	1.25145	0.607889	1.32693	1.32693	0.247788	1.93564	1.93564
ch.4.938375R	UCHL1	0.0529287	0.00489741	0.626525	-1.59611	0.143479	0.821091	-1.21789	0.0192769	0.701211	-1.4261	0.0251257	0.716042	-1.39657	0.176058	0.834952	-1.19767
cg25032722	TUSC3;TUSC3	0.0529291	0.199347	0.784566	-1.27459	0.570858	0.902592	-1.10792	0.0222161	1.63303	1.63303	0.616856	1.09445	1.09445	0.0178881	0.597534	-1.67354
cg21322654	SLC26A4;LOC286002	0.0529296	0.0379757	7.13817	7.13817	0.00657481	17.8731	17.8731	0.0967984	4.43326	4.43326	0.0728388	5.12804	5.12804	0.273292	2.538	2.538
cg16290866	GDF6	0.0529305	0.0782887	5.49082	5.49082	0.289078	2.6069	2.6069	0.802394	0.803866	-1.24399	0.0604061	0.158218	-6.32038	0.086831	5.18941	5.18941
cg23043218	NBPF3	0.0529309	0.0698073	0.756166	-1.32246	0.0699494	0.756298	-1.32223	0.0765407	0.762178	-1.31203	0.22422	0.838621	-1.19243	0.00262976	0.563281	-1.77531
cg05026785	KCNIP3	0.0529315	0.0386845	0.308571	-3.24075	0.0130318	0.220316	-4.53893	0.266608	0.566444	-1.7654	0.444146	0.681754	-1.46681	0.0224553	0.261136	-3.82942
cg08553437	TMEM155;LOC100192379	0.0529336	0.0633333	0.318493	-3.13979	0.115147	2.55635	2.55635	0.00403522	8.29882	8.29882	0.126538	2.47344	2.47344	0.529147	0.705165	-1.41811
cg08703038	GPR133	0.0529339	0.0635813	1.78046	1.78046	0.274194	1.36983	1.36983	0.932747	0.976926	-1.02362	0.244205	1.40069	1.40069	0.0587548	1.8048	1.8048
cg14578366	COMMD6;COMMD6	0.0529349	0.124749	0.586598	-1.70475	0.712718	1.12603	1.12603	0.10545	0.566815	-1.76424	0.718602	0.890352	-1.12315	0.0542349	0.496005	-2.01611
cg13289755	GPC1	0.0529359	0.101811	1.45754	1.45754	0.17612	1.35331	1.35331	0.0349281	1.67707	1.67707	0.0592036	1.5653	1.5653	0.024792	0.570014	-1.75434
cg01957582	C22orf24;YWHAH	0.0529361	0.00775777	0.317014	-3.15444	0.741108	1.11784	1.11784	0.961781	0.984029	-1.01623	0.0696777	0.50579	-1.9771	0.235618	0.658619	-1.51833
cg01794501	PCP4L1	0.0529364	0.0978554	0.71591	-1.39682	0.174955	0.766829	-1.30407	0.111439	0.726825	-1.37585	0.0719749	1.44719	1.44719	?	?	?
cg00338631	PROS1	0.0529364	0.00856257	0.240947	-4.15028	0.498477	0.74708	-1.33854	0.269986	0.614222	-1.62808	0.955797	1.0238	1.0238	0.0033292	0.183455	-5.45094
cg16302650	PPIL4	0.0529365	0.495916	0.826237	-1.21031	0.047493	0.534804	-1.86984	0.129353	0.636097	-1.57209	0.59673	0.862935	-1.15884	0.137184	0.642762	-1.55578
cg11539664	ITPR3	0.0529371	0.0634623	0.309747	-3.22844	0.049119	0.283259	-3.53034	0.0297959	0.237872	-4.20394	0.246635	0.506425	-1.97463	0.0212359	0.211119	-4.73665
cg13707395	ADAMTS15	0.0529379	0.168429	0.723922	-1.38137	0.553356	0.876348	-1.1411	0.0298238	1.7555	1.7555	0.131014	0.698424	-1.4318	0.0721235	0.642846	-1.55558
cg15445037	CDH4	0.0529405	0.559334	1.22904	1.22904	0.00561495	3.56088	3.56088	0.877981	1.05513	1.05513	0.499924	0.787257	-1.27023	0.72715	0.884829	-1.13016
cg20990359	FARP1	0.0529412	0.97646	0.990475	-1.00962	0.0472157	2.08874	2.08874	0.0449677	2.10936	2.10936	0.258585	1.46575	1.46575	0.306818	0.709508	-1.40943
cg08665801	PHF1;PHF1;PHF1;PHF1;PHF1	0.0529433	0.197324	0.758726	-1.318	0.627004	0.905547	-1.1043	0.27452	1.25904	1.25904	0.00501571	0.471351	-2.12156	0.0687124	0.661804	-1.51102
cg13728131	NAV2;NAV2;NAV2	0.0529437	0.0158295	0.218724	-4.57197	0.327483	0.594651	-1.68166	0.438324	1.50156	1.50156	0.0753127	0.361219	-2.76841	0.0523804	0.321595	-3.1095
cg13977073	FBXO18;FBXO18	0.0529449	0.292004	0.83515	-1.19739	0.0148982	0.610541	-1.63789	0.886698	0.976783	-1.02377	0.683232	0.934634	-1.06994	0.00842224	0.574404	-1.74094
cg12000587	C17orf79	0.0529452	0.77601	1.095	1.095	0.415452	1.3032	1.3032	0.0262835	2.31289	2.31289	0.0166337	2.53544	2.53544	0.786631	1.09016	1.09016
cg12407526	ELOVL7;ELOVL7	0.0529475	0.00964005	0.0803416	-12.4468	0.138251	0.292779	-3.41555	0.0621652	0.198676	-5.03333	0.0908956	0.238488	-4.19307	0.0128792	0.0928545	-10.7695
cg18193247	SLC10A7;SLC10A7;SLC10A7;SLC10A7	0.052948	0.173109	0.820569	-1.21867	0.029361	1.41918	1.41918	0.505396	0.91193	-1.09658	0.872367	0.978306	-1.02218	0.288644	0.860476	-1.16215
cg08975197	RAB3IP;RAB3IP;RAB3IP;RAB3IP;RAB3IP	0.0529486	0.807836	1.11928	1.11928	0.00993934	4.50784	4.50784	0.0349057	3.11705	3.11705	0.894543	1.06325	1.06325	0.675266	1.21512	1.21512
cg11334870	STK10	0.0529487	0.0816974	0.601947	-1.66128	0.111201	0.633501	-1.57853	0.532911	0.846911	-1.18076	0.232094	0.719134	-1.39056	0.162719	1.48003	1.48003
cg23773532	GPRC5D	0.0529492	0.00389696	0.202697	-4.93347	0.217214	0.586732	-1.70436	0.160408	0.540179	-1.85124	0.213171	0.583681	-1.71327	0.02437	0.332265	-3.00965
cg10061492	PACS2;PACS2	0.0529494	0.423735	1.28302	1.28302	0.483186	0.804631	-1.24281	0.206937	0.66632	-1.50078	0.0404779	2.05809	2.05809	0.146478	0.621618	-1.60871
cg18492126	NCAM2	0.0529497	0.0263854	11.3469	11.3469	0.097746	5.34352	5.34352	0.180912	3.70778	3.70778	0.824101	1.22797	1.22797	0.172484	3.81696	3.81696
cg14302625	SH3BP4	0.0529497	0.0279719	0.700113	-1.42834	0.115467	0.790604	-1.26486	0.208935	0.833718	-1.19945	0.682879	1.05802	1.05802	0.525171	1.09243	1.09243
cg14403770	QRICH2	0.0529519	0.207189	1.29178	1.29178	0.0380272	1.58871	1.58871	0.579301	1.11381	1.11381	0.128869	1.37146	1.37146	0.10149	1.41215	1.41215
cg01999295	ZNF717	0.052953	0.0984311	0.747579	-1.33765	0.00658459	0.567569	-1.7619	0.02371	0.648283	-1.54254	0.337352	0.853189	-1.17207	0.0639017	0.715835	-1.39697
cg23731272	SMAD3	0.0529545	0.0943351	0.379028	-2.63833	0.157152	2.22132	2.22132	0.931196	1.04661	1.04661	0.188292	2.08628	2.08628	0.00710773	0.159716	-6.26111
cg01132407	PDE6B;PDE6B;PDE6B	0.0529549	0.0997793	0.484436	-2.06426	0.104298	0.489913	-2.04118	0.239905	1.63961	1.63961	0.496957	0.757962	-1.31933	0.073543	2.22922	2.22922
cg25962774	F12	0.0529558	0.405921	0.868708	-1.15114	0.0848587	1.37086	1.37086	0.459679	1.13271	1.13271	0.176888	0.788509	-1.26822	0.692137	1.0681	1.0681
cg26662007	WDR47;WDR47;WDR47	0.0529561	0.648582	1.10131	1.10131	0.600129	0.894714	-1.11768	0.256446	1.28292	1.28292	0.562612	1.13102	1.13102	0.18955	0.746563	-1.33947
cg09498440	TMEM171;TMEM171	0.0529567	0.0583046	2.80394	2.80394	0.0536968	2.8739	2.8739	0.643218	0.798698	-1.25204	0.834415	1.10613	1.10613	0.0142458	4.29229	4.29229
cg03565189	ANO1	0.0529592	0.184454	0.635901	-1.57257	0.00289156	0.267864	-3.73324	0.525666	1.22975	1.22975	0.901614	0.961008	-1.04057	0.552724	1.21306	1.21306
cg03370391	PCDHB5	0.0529593	0.0407201	2.2517	2.2517	0.232393	1.53766	1.53766	0.952059	0.979556	-1.02087	0.779107	0.907914	-1.10143	0.0784036	0.51084	-1.95756
cg24128130	RTN1	0.0529613	0.213943	0.749094	-1.33495	0.0120925	0.501205	-1.99519	0.069013	0.638132	-1.56707	0.735833	1.07762	1.07762	0.0316629	0.573409	-1.74395
cg00506198	B3GNT3	0.0529613	0.064168	0.208782	-4.7897	0.00730626	0.0739049	-13.5309	0.0395329	0.166447	-6.00792	0.346515	0.481883	-2.07519	0.00862446	0.0802766	-12.4569
cg18632154	PPP4R2	0.0529615	0.431677	0.813169	-1.22976	0.0569013	0.573902	-1.74246	0.0493396	0.560953	-1.78268	0.995383	0.99851	-1.00149	0.514496	0.843371	-1.18572
cg05138133	SLC38A8	0.0529617	0.203275	0.714094	-1.40038	0.092295	0.628392	-1.59136	0.152388	0.680868	-1.46871	0.268718	0.749131	-1.33488	0.00182378	0.329277	-3.03695
cg00651497	FBN1	0.0529618	0.0206447	0.152408	-6.56135	0.0184417	0.145239	-6.88519	0.624282	0.716651	-1.39538	0.905294	0.922812	-1.08364	0.014926	0.13262	-7.54036
cg15466177	WDR20;WDR20;WDR20;WDR20	0.0529643	0.0334205	0.424251	-2.3571	0.0153351	0.35819	-2.79181	0.905457	0.959839	-1.04184	0.705469	0.877227	-1.13996	0.0150965	0.356954	-2.80148
cg09930615	ETV7	0.0529651	0.20798	4.5051	4.5051	0.09084	8.26528	8.26528	0.035572	16.0215	16.0215	0.124467	6.59237	6.59237	0.332578	3.10582	3.10582
cg03989480	DMRTA2	0.0529658	0.0393922	0.137854	-7.25404	0.294698	0.405093	-2.46857	0.293029	0.403734	-2.47688	0.155728	0.282825	-3.53576	0.0347231	0.129146	-7.74318
cg21856645	CDH24;CDH24	0.0529663	0.458822	0.861447	-1.16084	0.135096	0.727242	-1.37506	0.134485	0.726822	-1.37585	0.747576	0.938149	-1.06593	0.00735417	0.505066	-1.97994
cg24063962	LOC100130274	0.0529664	0.0425308	2.89138	2.89138	0.321305	0.627627	-1.5933	0.0422174	2.89742	2.89742	0.247832	1.73193	1.73193	0.0731432	2.48062	2.48062
cg08044713	ZCCHC14	0.0529668	0.0382201	0.626998	-1.5949	0.0534463	0.652897	-1.53164	0.211261	0.774168	-1.29171	0.621346	0.907769	-1.1016	0.0300786	0.609076	-1.64183
cg00418183	NFATC2	0.0529671	0.227231	0.501619	-1.99355	0.556594	1.3821	1.3821	0.515159	0.698259	-1.43213	0.184719	0.465048	-2.15031	0.0271614	0.240959	-4.15008
cg24092179	SPIB	0.0529672	0.730279	0.826312	-1.2102	0.00591254	7.27929	7.27929	0.160324	2.28613	2.28613	0.876241	0.917673	-1.08971	0.151909	0.429036	-2.33081
cg06717845	FLT3LG	0.0529685	0.832126	1.07036	1.07036	0.135278	1.67481	1.67481	0.0244846	0.423826	-2.35946	0.30902	1.40107	1.40107	0.950129	0.980164	-1.02024
cg09828721	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.0529687	0.823264	0.875692	-1.14195	0.773044	0.842303	-1.18722	0.292815	0.521478	-1.91763	0.249324	0.487167	-2.05268	0.874449	1.09836	1.09836

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24853299	0.552201	1.29393	1.29393	0.0450275	2.67927	2.67927	0.620361	1.23856	1.23856	0.690233	1.18726	1.18726	3.317	9.64489	2.58463	1
cg03861966	0.245941	0.279388	-3.57925	0.0184414	0.0495866	-20.1667	0.45538	0.449797	-2.22323	0.329797	0.347563	-2.87717	3.31696	58.0103	15.5457	1
cg16494058	0.534768	1.13862	1.13862	0.0688735	1.52264	1.52264	0.0452484	1.60699	1.60699	0.194265	0.753073	-1.32789	3.31694	2.24028	0.600362	1
cg08393317	0.249494	3.30185	3.30185	0.0050286	39.755	39.755	0.0408631	10.408	10.408	0.077454	7.01404	7.01404	3.31692	51.7431	13.8664	1
cg19052124	0.321536	0.635489	-1.57359	0.0219398	0.296149	-3.37668	0.45386	0.713375	-1.40179	0.0853029	0.430803	-2.32125	3.31692	10.2944	2.75875	1
cg04153991	0.816058	1.1177	1.1177	0.0581083	2.78083	2.78083	0.00993903	4.73478	4.73478	0.105513	2.32679	2.32679	3.3169	11.9795	3.21037	1
cg02177648	0.773326	0.863058	-1.15867	0.00485653	0.148904	-6.71572	0.133106	0.437655	-2.2849	0.0535097	0.326832	-3.05968	3.31688	13.6614	3.66111	1
cg04325632	0.107564	1.54676	1.54676	0.00640035	0.414357	-2.41338	0.0742088	0.61013	-1.63899	0.435154	1.21865	1.21865	3.31687	3.24009	0.868312	1
cg18347426	0.269693	0.504439	-1.9824	0.0207971	0.190769	-5.24195	0.445772	1.58841	1.58841	0.258059	0.495283	-2.01905	3.31682	18.6198	4.99	1
cg26191471	0.192068	0.414844	-2.41055	0.00740877	0.111013	-9.00799	0.0340385	0.206717	-4.83753	0.0704121	0.275682	-3.62736	3.3168	21.3273	5.71562	1
cg20559736	0.220046	0.871753	-1.14711	0.136694	1.18607	1.18607	0.0590691	0.797026	-1.25466	0.563543	1.06412	1.06412	3.31677	0.595078	0.15948	1
cg12077698	0.529027	0.822249	-1.21618	0.380933	0.758966	-1.31758	0.658807	1.14611	1.14611	0.231979	0.680652	-1.46918	3.31674	4.94718	1.32585	1
cg05005077	0.152119	0.453987	-2.20271	0.00727926	0.168337	-5.94047	0.068551	0.350107	-2.85627	0.219942	0.514821	-1.94242	3.31672	13.9184	3.73016	1
cg20172563	0.0645345	0.368021	-2.71723	0.0352258	0.307059	-3.2567	0.421305	0.673365	-1.48508	0.0442803	0.328815	-3.04122	3.31667	12.1731	3.26246	1
cg14787112	0.157668	0.606008	-1.65014	0.443459	1.29567	1.29567	0.906777	1.0396	1.0396	0.243018	0.666968	-1.49932	3.31666	5.77305	1.54722	1
cg19262371	0.362415	0.891626	-1.12155	0.0904806	0.79567	-1.2568	0.119015	1.23038	1.23038	0.217884	1.17214	1.17214	3.31664	0.788717	0.211383	1
cg21101743	0.523992	0.691388	-1.44637	0.0132938	0.173222	-5.77295	0.182678	2.24383	2.24383	0.598064	0.73783	-1.35533	3.31661	17.1565	4.59812	1
cg26224785	0.0964768	0.166394	-6.00983	0.476753	2.03599	2.03599	0.0771795	0.14501	-6.89608	0.0180801	0.0595108	-16.8037	3.31658	50.726	13.5953	1
cg16196087	0.318216	1.17376	1.17376	0.0325896	1.47465	1.47465	0.581742	1.09024	1.09024	0.0421037	1.4386	1.4386	3.31657	1.26679	0.339517	1
cg05641351	0.00402738	1.76377	1.76377	0.290809	0.851282	-1.1747	0.696647	0.944081	-1.05923	0.84895	0.972383	-1.0284	3.3165	1.13315	0.303708	1
cg06650664	0.482793	1.09704	1.09704	0.0112241	1.51059	1.51059	0.814687	0.969975	-1.03095	0.222187	0.846556	-1.18126	3.31649	0.885511	0.237336	1
cg02457623	0.469804	0.599695	-1.66751	0.00917849	0.100211	-9.97898	0.543981	1.53278	1.53278	0.76553	0.812231	-1.23118	3.31647	25.3982	6.80728	1
cg17866667	0.0790023	0.596355	-1.67685	0.653795	0.88723	-1.1271	0.107458	1.59303	1.59303	0.396166	1.25897	1.25897	3.31647	3.6897	0.988925	1
cg05765011	0.246468	0.541791	-1.84573	0.136651	0.444486	-2.24979	0.0365071	0.292577	-3.41791	0.523483	0.721115	-1.38674	3.31646	13.4312	3.59988	1
cg13909555	0.521832	0.734496	-1.36148	0.0008526	0.0923724	-10.8257	0.643265	0.801177	-1.24816	0.524729	0.736116	-1.35848	3.31646	11.8658	3.18032	1
cg10194160	0.347206	0.273249	-3.65966	?	?	?	0.0183079	46.4256	46.4256	0.138425	8.4831	8.4831	3.3645	85.0941	25.2918	1
cg20844384	0.181915	2.02051	2.02051	0.175002	2.04633	2.04633	0.165783	0.480133	-2.08276	0.0706883	0.36692	-2.72539	3.31644	12.9428	3.469	1
cg11815425	0.107844	1.88048	1.88048	0.39525	0.730971	-1.36804	0.0184693	2.79711	2.79711	0.517055	1.26672	1.26672	3.31644	6.80453	1.82379	1
cg10448687	0.185925	0.648282	-1.54254	0.592575	0.846257	-1.18167	0.0568214	0.513657	-1.94682	0.00937464	0.361267	-2.76804	3.31643	5.01674	1.34462	1
cg14638189	0.981461	0.993527	-1.00652	0.6812	0.890965	-1.12238	0.543359	0.842043	-1.18759	0.0486871	0.532978	-1.87625	3.31642	4.10269	1.09963	1
cg18544030	0.0345996	0.410541	-2.43581	0.0536933	0.453112	-2.20696	0.0603518	0.465162	-2.14979	0.040048	0.424259	-2.35705	3.31642	6.85777	1.83807	1
cg10947633	0.792839	1.04534	1.04534	0.00308146	1.97869	1.97869	0.628572	0.921165	-1.08558	0.151754	0.77205	-1.29525	3.3164	1.49061	0.399524	1
cg15327641	0.0398852	0.264827	-3.77605	0.360491	0.591065	-1.69186	0.201288	0.470077	-2.12731	0.0115345	0.170822	-5.85405	3.31639	16.4329	4.4045	1
cg26103179	0.131487	2.18844	2.18844	0.00258308	7.45617	7.45617	0.403037	1.50926	1.50926	0.0542993	2.85892	2.85892	3.31635	12.1523	3.2572	1
cg12014368	0.0512366	0.479387	-2.086	0.159869	1.64444	1.64444	0.274716	1.45703	1.45703	0.319647	0.711332	-1.40581	3.31635	5.76176	1.54434	1
cg13515605	0.736907	1.04663	1.04663	0.103463	1.27216	1.27216	0.819134	1.03144	1.03144	0.00521477	1.6458	1.6458	3.31626	0.959624	0.257217	1
cg11273471	0.142927	0.367711	-2.71953	0.0146037	0.147948	-6.75914	0.408242	0.584219	-1.71169	0.0347768	0.209394	-4.77568	3.31624	21.2054	5.68391	1
cg08111021	0.0228169	0.808735	-1.2365	0.365821	1.07509	1.07509	0.129095	0.880035	-1.13632	0.857265	0.986069	-1.01413	3.31623	0.31891	0.0854814	1
cg17073859	0.342926	1.45058	1.45058	0.0165325	3.0487	3.0487	0.286568	1.52393	1.52393	0.402098	0.721476	-1.38605	3.31622	7.61176	2.04027	1
cg24398932	0.669456	0.908886	-1.10025	0.0747104	0.642972	-1.55528	0.466608	0.848054	-1.17917	0.0106919	0.489779	-2.04174	3.31621	2.59939	0.69675	1
cg11353792	0.0730267	0.259197	-3.85807	0.00627397	0.0903071	-11.0733	0.621542	0.714609	-1.39937	0.219702	0.418333	-2.39044	3.31619	23.9486	6.4193	1
cg26735598	0.89492	1.046	1.046	0.0510334	0.469409	-2.13034	0.00722197	3.25357	3.25357	0.648957	0.855593	-1.16878	3.31617	6.08231	1.63034	1
cg06960881	0.46597	0.776915	-1.28714	0.872318	0.946748	-1.05625	0.0330143	0.42818	-2.33547	0.103386	0.545501	-1.83318	3.31616	6.07951	1.6296	1
cg23004082	0.0396699	0.798195	-1.25283	0.0816357	0.832884	-1.20065	0.0991014	1.18687	1.18687	0.851409	0.982388	-1.01793	3.31614	0.471552	0.126399	1
cg05637113	0.0186241	0.496388	-2.01455	0.108846	0.650909	-1.53631	0.391318	1.24068	1.24068	0.115199	0.656691	-1.52279	3.31611	3.16644	0.848771	1
cg06907229	0.699793	1.11794	1.11794	0.289637	1.37198	1.37198	0.842737	1.05882	1.05882	0.58677	1.17107	1.17107	3.3161	4.34845	1.16561	1
cg14033944	0.471513	0.798613	-1.25217	0.0360408	2.11424	2.11424	0.957815	1.01637	1.01637	0.0300874	2.18856	2.18856	3.31603	4.951	1.32716	1
cg27282987	0.156013	0.655232	-1.52618	0.0408793	0.518179	-1.92983	0.0103919	0.407005	-2.45697	0.913477	0.970178	-1.03074	3.31601	4.07513	1.09238	1
cg26485825	0.321984	0.789735	-1.26625	0.00774307	2.20158	2.20158	0.139865	1.44268	1.44268	0.0817861	1.56047	1.56047	3.31601	2.79569	0.749412	1
cg02250680	0.151576	1.18771	1.18771	0.0163985	0.72006	-1.38877	0.469618	1.08585	1.08585	0.263456	0.877638	-1.13942	3.316	0.658342	0.176476	1
cg09408937	0.625436	0.873753	-1.14449	0.0119578	0.423052	-2.36377	0.961137	1.01346	1.01346	0.317988	0.75341	-1.3273	3.31599	3.95203	1.05939	1
cg02789441	0.107116	0.60658	-1.64859	0.0742742	0.568192	-1.75997	0.170068	0.660119	-1.51488	0.263657	0.718071	-1.39262	3.31598	4.24259	1.13728	1
cg00393546	0.405235	0.861263	-1.16109	0.00213167	2.13172	2.13172	0.144732	1.31617	1.31617	0.953373	0.989797	-1.01031	3.31595	1.6155	0.433058	1
cg03177323	0.788149	1.17234	1.17234	0.686702	0.78712	-1.27045	0.590658	1.37791	1.37791	0.536777	1.44666	1.44666	3.31594	18.3035	4.90655	1
cg26995992	0.238812	0.799127	-1.25137	0.309424	1.21069	1.21069	0.0353918	1.56091	1.56091	0.0261689	0.619078	-1.6153	3.31593	1.73497	0.465088	1
cg14099398	0.336744	0.762901	-1.31079	0.727181	1.10043	1.10043	0.00129486	0.277841	-3.59919	0.279632	0.735569	-1.35949	3.31591	3.92086	1.05106	1
cg03909478	0.640182	1.10754	1.10754	0.00162375	2.66407	2.66407	0.836574	1.04583	1.04583	0.527554	0.870346	-1.14897	3.3159	2.47179	0.662611	1
cg06219125	0.376209	0.471521	-2.1208	0.0744836	0.192998	-5.18139	0.00955477	0.0660734	-15.1347	0.0335773	0.128068	-7.80833	3.31589	35.9921	9.64838	1
cg01020840	0.608975	0.840186	-1.19021	0.184245	0.621652	-1.60862	0.0305583	0.424133	-2.35775	0.455095	1.29276	1.29276	3.31584	5.98221	1.60367	1
cg09717979	0.971931	1.00391	1.00391	0.00224005	0.621801	-1.60823	0.315941	1.122	1.122	0.210286	1.15786	1.15786	3.3158	0.647302	0.173527	1
cg18205517	0.703038	1.07263	1.07263	0.0504353	0.664884	-1.50402	0.441816	1.15438	1.15438	0.0582898	1.47947	1.47947	3.31578	1.75961	0.471714	1
cg00187229	0.0597037	2.61421	2.61421	0.042312	2.87966	2.87966	0.0695983	2.50379	2.50379	0.178659	1.90824	1.90824	3.31577	10.7404	2.87928	1
cg17748182	0.136125	0.562984	-1.77625	0.36067	1.39957	1.39957	0.9215	0.965353	-1.03589	0.430001	0.749626	-1.334	3.31573	6.72039	1.80162	1
cg12435629	0.383712	0.676809	-1.47752	0.264739	0.601696	-1.66197	0.00375333	5.52841	5.52841	0.654072	1.2179	1.2179	3.31572	10.0304	2.68898	1
cg27581047	0.156573	0.4455	-2.24467	0.00904691	0.170286	-5.87246	0.023941	0.237526	-4.21006	0.051787	0.30699	-3.25743	3.31571	14.9507	4.00804	1
cg05144345	0.830811	0.922044	-1.08455	0.611185	0.823265	-1.21468	0.00946311	3.48098	3.48098	0.760005	0.890278	-1.12324	3.31567	7.55587	2.02563	1
cg08400424	0.427989	1.2947	1.2947	0.817551	1.07654	1.07654	0.524674	1.22845	1.22845	0.0364778	0.460303	-2.17248	3.31567	5.34918	1.43405	1
cg08101375	0.424254	0.440071	-2.27236	0.0523448	0.108671	-9.20212	0.0172106	18.5308	18.5308	0.179716	4.19221	4.19221	3.31564	53.1247	14.2422	1
cg23956119	0.0920259	0.683592	-1.46286	0.337675	1.22473	1.22473	0.704488	1.08129	1.08129	0.248028	1.28106	1.28106	3.31564	2.20896	0.592199	1
cg07565042	0.978438	1.00726	1.00726	0.0814135	1.67675	1.67675	0.0110402	2.34667	2.34667	0.341502	0.7693	-1.29988	3.3156	3.76004	1.00804	1
cg22724847	0.0643965	0.245877	-4.06708	0.0184102	0.145019	-6.89565	0.182105	0.384346	-2.60182	0.117147	0.316891	-3.15566	3.31557	23.9388	6.41787	1
cg02472906	0.388418	0.807624	-1.2382	0.785081	0.936064	-1.0683	0.163127	0.697812	-1.43305	0.326261	0.782721	-1.27759	3.31553	3.06779	0.822471	1
cg01529588	0.384776	1.36539	1.36539	0.36947	1.38007	1.38007	0.524299	0.798098	-1.25298	0.498807	0.786646	-1.27122	3.31552	6.41429	1.71967	1
cg03935709	0.208624	1.32028	1.32028	0.0301058	1.70683	1.70683	0.30099	1.25188	1.25188	0.293582	0.79583	-1.25655	3.31548	2.30716	0.618557	1
cg20447656	0.783082	1.07495	1.07495	0.0125752	2.25414	2.25414	0.0213471	2.06359	2.06359	0.132776	0.653915	-1.52925	3.31546	3.60147	0.965569	1
cg11110978	0.0683659	1.31364	1.31364	0.00272535	0.575077	-1.7389	0.848677	0.974786	-1.02587	0.720957	1.04912	1.04912	3.31545	0.938493	0.251614	1
cg08498465	0.07942	0.656735	-1.52268	0.816056	1.05161	1.05161	0.828853	0.954324	-1.04786	0.0845706	0.662338	-1.5098	3.31537	2.44879	0.65655	1
cg08519241	0.413843	0.885456	-1.12936	0.0748821	0.749087	-1.33496	0.12868	0.787311	-1.27015	0.990239	0.99822	-1.00178	3.31536	1.11357	0.298563	1
cg26783146	0.194049	1.54417	1.54417	0.00284117	0.272745	-3.66643	0.839335	0.937824	-1.0663	0.746271	0.902433	-1.10812	3.31535	5.2504	1.4077	1
cg05893365	0.315649	1.33667	1.33667	0.917187	1.02952	1.02952	0.81637	1.06722	1.06722	0.795195	1.07547	1.07547	3.31534	4.10743	1.10126	1
cg03216991	0.0148073	1.98476	1.98476	0.0097479	2.11131	2.11131	0.849809	0.957587	-1.04429	0.427469	0.830921	-1.20348	3.31531	2.74428	0.735787	1
cg12474153	0.0588774	1.6785	1.6785	0.0037131	2.58968	2.58968	0.292841	1.3033	1.3033	0.736822	0.921388	-1.08532	3.36333	2.78996	0.829524	1
cg11527220	0.0200216	0.405508	-2.46604	0.299616	0.70772	-1.41299	0.965986	1.01381	1.01381	0.0462524	0.47982	-2.08411	3.31528	5.43044	1.456	1
cg17382310	0.23345	1.97946	1.97946	0.00806133	6.39164	6.39164	0.00553369	7.33492	7.33492	0.101081	2.66825	2.66825	3.31527	15.6866	4.20588	1
ch.4.938375R	0.779529	1.03582	1.03582	0.267464	0.865146	-1.15587	0.137465	0.818251	-1.22212	0.847452	0.97614	-1.02444	3.31527	0.825595	0.221358	1
cg25032722	0.588203	1.10275	1.10275	0.144901	1.3233	1.3233	0.0574248	1.46891	1.46891	0.669422	1.07987	1.07987	3.31526	1.6809	0.450682	1
cg21322654	0.133128	3.75703	3.75703	0.471203	1.81986	1.81986	0.0116259	13.154	13.154	0.0691979	5.26374	5.26374	3.31525	35.0406	9.39511	1
cg16290866	0.306547	0.397843	-2.51355	0.0578618	0.154576	-6.4693	0.0789597	5.46537	5.46537	0.108344	4.59583	4.59583	3.31523	39.8043	10.6725	1
cg23043218	0.0651759	0.751722	-1.33028	0.0441238	0.727024	-1.37547	0.425889	0.893973	-1.1186	0.177992	0.820944	-1.21811	3.31522	0.997692	0.267505	1
cg05026785	0.289456	0.582784	-1.7159	0.0820837	0.3883	-2.57533	0.00849909	0.192166	-5.20385	0.124135	0.441468	-2.26517	3.31521	12.6611	3.39474	1
cg08553437	0.772518	1.17212	1.17212	0.486381	0.678737	-1.47333	0.780806	0.858262	-1.16515	0.626597	1.30819	1.30819	3.31516	15.7627	4.22642	1
cg08703038	0.00652668	2.65789	2.65789	0.0744049	0.577075	-1.73288	0.715812	1.10641	1.10641	0.142035	1.54743	1.54743	3.31515	4.01636	1.0769	1
cg14578366	0.0808653	0.53724	-1.86136	0.00693161	0.325796	-3.0694	0.764497	0.908072	-1.10123	0.0117521	0.364169	-2.74597	3.31512	5.40884	1.45028	1
cg13289755	0.0376756	1.66053	1.66053	0.837713	1.04409	1.04409	0.402022	1.19772	1.19772	0.686754	1.08902	1.08902	3.3151	2.32325	0.622941	1
cg01957582	0.44938	0.771826	-1.29563	0.00870869	0.325255	-3.07451	0.0461584	0.464111	-2.15466	0.930745	0.971218	-1.02964	3.3151	5.92704	1.58924	1
cg01794501	0.927018	0.983281	-1.017	0.0122145	0.562939	-1.77639	0.0749013	0.694162	-1.44059	0.674765	1.08076	1.08076	3.36311	1.60345	0.476776	1
cg00338631	0.188869	0.553953	-1.80521	0.10264	0.468697	-2.13358	0.788254	0.892055	-1.12101	0.210616	0.571359	-1.75021	3.31509	9.45345	2.53479	1
cg16302650	0.0827568	0.588361	-1.69964	0.838893	0.94535	-1.05781	0.16903	0.66729	-1.4986	0.0016154	0.287095	-3.48316	3.31509	4.00158	1.07296	1
cg11539664	0.0961322	0.358384	-2.7903	0.00948387	0.15789	-6.33351	0.0660639	0.314127	-3.18342	0.0678522	0.317075	-3.15382	3.31507	16.5588	4.44001	1
cg13707395	0.885498	1.03223	1.03223	0.0150082	0.517805	-1.93123	0.0808205	0.652989	-1.53142	0.258486	0.771409	-1.29633	3.31505	2.54413	0.682177	1
cg15445037	0.161389	0.593079	-1.68612	0.0172216	2.75592	2.75592	0.146215	1.72436	1.72436	0.852895	0.937218	-1.06699	3.31499	6.40617	1.71777	1
cg20990359	0.565979	1.20709	1.20709	0.00917537	0.341903	-2.92481	0.384753	1.33519	1.33519	0.510037	0.805116	-1.24206	3.31497	5.52453	1.48137	1
cg08665801	0.0193506	0.56383	-1.77358	0.855834	0.963825	-1.03753	0.11258	0.704717	-1.41901	0.899423	0.974707	-1.02595	3.31492	2.15502	0.577863	1
cg13728131	0.149882	0.452112	-2.21184	0.0177093	0.226906	-4.4071	0.0540194	0.324775	-3.07905	0.0451368	0.30667	-3.26083	3.31491	13.8823	3.72252	1
cg13977073	0.986551	0.997227	-1.00278	0.0642326	1.40864	1.40864	0.931398	0.985913	-1.01429	0.409258	1.14919	1.14919	3.31488	1.42531	0.382199	1
cg12000587	0.157864	1.61675	1.61675	0.029145	0.441344	-2.26581	0.784995	1.0909	1.0909	0.0897397	1.81323	1.81323	3.31488	5.31425	1.42502	1
cg12407526	0.085527	0.231577	-4.31822	0.0671475	0.206149	-4.85085	0.956947	0.959301	-1.04243	0.0487766	0.176921	-5.65223	3.31482	31.0984	8.33923	1
cg18193247	0.221145	0.839077	-1.19179	0.00476924	0.599806	-1.66721	0.191239	0.82798	-1.20776	0.880176	1.02079	1.02079	3.31481	0.977004	0.26199	1
cg08975197	0.265218	1.7108	1.7108	0.0448208	0.344723	-2.90088	0.270793	1.69932	1.69932	0.199602	0.534347	-1.87144	3.31479	11.2277	3.01079	1
cg11334870	0.338714	1.29621	1.29621	0.00606179	2.56744	2.56744	0.873885	1.04268	1.04268	0.505416	0.837121	-1.19457	3.31479	3.63365	0.974395	1
cg23773532	0.403559	1.42053	1.42053	0.536582	1.29305	1.29305	0.510944	0.760459	-1.31499	0.0989527	0.475722	-2.10207	3.31478	8.85452	2.37442	1
cg10061492	0.0154255	2.47601	2.47601	0.0286775	2.19738	2.19738	0.356943	1.33509	1.33509	0.595938	1.17732	1.17732	3.31478	4.88461	1.30986	1
cg18492126	0.0390005	9.06248	9.06248	0.0224353	12.4644	12.4644	0.0139399	16.4729	16.4729	0.0244917	11.8464	11.8464	3.31477	44.6743	11.9799	1
cg14302625	0.21818	1.19464	1.19464	0.0108888	1.55103	1.55103	0.392502	1.12781	1.12781	0.465644	0.903078	-1.10732	3.31477	0.989718	0.265403	1
cg14403770	0.0315758	1.62451	1.62451	0.00340123	2.15184	2.15184	0.370079	1.19383	1.19383	0.601682	0.903599	-1.10669	3.31471	1.9449	0.521554	1
cg01999295	0.460165	0.886294	-1.12829	0.274612	1.20017	1.20017	0.239797	0.820714	-1.21845	0.0592371	0.710439	-1.40758	3.31469	1.35269	0.362748	1
cg23731272	0.474221	1.46803	1.46803	0.256405	0.53531	-1.86808	0.273024	1.82537	1.82537	0.117349	0.407682	-2.45289	3.31465	14.6082	3.91747	1
cg01132407	0.876554	0.939448	-1.06445	0.00771813	3.95609	3.95609	0.326881	1.50185	1.50185	0.509288	0.764143	-1.30866	3.31464	8.4759	2.27299	1
cg25962774	0.111998	0.750904	-1.33173	0.91386	0.982248	-1.01807	0.0121511	0.59607	-1.67765	0.04193	1.47414	1.47414	3.31462	1.43849	0.385762	1
cg26662007	?	?	?	0.00504155	0.458366	-2.18166	0.230962	1.3025	1.3025	0.100002	1.46093	1.46093	3.36262	2.09411	0.622762	1
cg09498440	0.0864147	2.49118	2.49118	0.270902	1.73734	1.73734	0.00964555	4.84766	4.84766	0.0725695	2.62578	2.62578	3.3146	12.1896	3.26893	1
cg03565189	0.0338979	0.450923	-2.21767	?	?	?	0.886688	0.955183	-1.04692	0.448523	0.780059	-1.28195	3.36255	4.89574	1.45596	1
cg03370391	0.0978854	1.86609	1.86609	0.364201	1.37761	1.37761	0.0063809	3.38545	3.38545	0.193615	1.60412	1.60412	3.31454	6.19622	1.6617	1
cg24128130	0.489817	1.16751	1.16751	0.117162	0.686777	-1.45608	0.333193	1.24655	1.24655	0.212142	1.33663	1.33663	3.31449	2.5586	0.686174	1
cg00506198	0.247803	0.402551	-2.48416	0.664164	1.38956	1.38956	0.343571	0.479606	-2.08504	0.468537	0.573833	-1.74267	3.31449	29.7721	7.98437	1
cg18632154	0.020183	0.485784	-2.05853	0.00663788	0.403363	-2.47915	0.290032	1.3271	1.3271	0.268	0.742788	-1.34628	3.31448	3.48626	0.934957	1
cg05138133	0.696989	1.10309	1.10309	0.320686	1.2934	1.2934	0.346609	0.784254	-1.2751	0.953468	0.985475	-1.01474	3.31448	3.30044	0.885124	1
cg00651497	0.944301	0.953937	-1.04829	0.564225	0.674757	-1.48202	0.526076	1.54278	1.54278	0.0240524	0.16263	-6.14893	3.31448	23.9114	6.41264	1
cg15466177	0.0174652	0.368578	-2.71313	0.266387	0.670657	-1.49108	0.519106	0.798137	-1.25292	0.0501013	0.462727	-2.1611	3.31442	6.24724	1.67544	1
cg09930615	0.0395018	14.8804	14.8804	0.0040131	80.0876	80.0876	0.235994	4.08769	4.08769	0.026406	19.7824	19.7824	3.3144	67.4781	18.0969	1
cg03989480	0.706217	0.729886	-1.37008	0.00267777	0.0317003	-31.5454	0.193116	0.318178	-3.1429	0.0500053	0.155928	-6.41323	3.31438	36.2914	9.73304	1
cg21856645	0.106612	1.41674	1.41674	0.0572279	1.53011	1.53011	0.330732	0.820011	-1.2195	0.966607	0.991757	-1.00831	3.31437	2.05213	0.550366	1
cg24063962	0.312044	0.621623	-1.60869	0.00772526	4.7381	4.7381	0.462345	1.40512	1.40512	0.968554	1.01808	1.01808	3.31437	10.8481	2.90939	1
cg08044713	0.0196063	0.578078	-1.72987	0.0257576	0.597701	-1.67308	0.940719	1.01456	1.01456	0.0232094	0.590154	-1.69447	3.31436	1.98268	0.531742	1
cg00418183	0.266095	0.532242	-1.87884	0.163702	0.445351	-2.24542	0.00185399	0.090313	-11.0726	0.522246	0.702603	-1.42328	3.31435	15.5476	4.16976	1
cg24092179	0.33346	1.73317	1.73317	0.996375	1.00251	1.00251	0.165931	0.442875	-2.25797	0.0391038	3.72952	3.72952	3.31435	15.9521	4.27826	1
cg06717845	0.0246593	0.424433	-2.35609	0.222601	1.50764	1.50764	0.843729	1.06526	1.06526	0.0337671	0.452	-2.21239	3.31432	5.38575	1.44444	1
cg09828721	0.00305019	0.0792581	-12.617	0.0496042	3.88347	3.88347	0.34439	1.78676	1.78676	0.43275	0.621007	-1.61029	3.59064	19.5926	4.24399	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1237 vs. N)	Fold-Change(1 vs.1237)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
10008989	SNRNP200	0.0529691	0.0705599	0.333885	-2.99504	0.049716	0.297304	-3.36356	0.435362	0.649702	-1.53917	0.6009887	0.753317	-1.331	0.80206592	0.0952843	-0.4949	0.330846	0.580608	-1.72233	0.0413854	0.352129	0.806498	1.09606	1.09606	0.510237	0.696341	-1.43608	3.1343	15.4118	4.13342	1
04664153	GPR39	0.0529702	0.134083	0.688932	-1.45152	0.269917	1.30336	1.30336	0.0725547	1.58734	1.58734	-1.44253	1.19855	1.19855	0.502036	0.854596	-1.17014	0.0838431	1.55459	1.55459	0.233353	0.749722	-1.33383	0.0516738	1.62482	1.62482	0.0124003	2.04996	2.04996	3.14327	2.79185	0.748776	1
01723995	ROR1;ROR1	0.0529738	0.192794	0.534367	-1.87137	0.37532	1.51239	1.51239	0.64273	0.808647	-1.23663	0.250123	1.72705	1.72705	0.00496244	0.184296	-5.42605	0.3200466	0.62678	-1.59546	0.0133164	0.248023	-4.03188	0.491904	0.728061	-1.37351	0.4898873	0.726943	-1.37562	3.31419	10.8501	2.91008	1
09873772	GLYR1	0.0529752	0.0547393	0.451152	-2.21655	0.117859	0.537742	-1.85961	0.254538	0.647515	-1.54437	0.7220119	0.877659	-1.13939	0.0145553	0.333072	-3.00235	0.0564528	0.454318	-2.2011	0.0104385	0.307947	-1.24731	0.0185979	0.35262	-2.83591	0.198052	0.609047	-1.64391	3.31418	7.00483	1.87875	1
01586042	SKP2;SKP2;LMBRD2;SKP2;SKP2	0.0529754	0.729696	1.11691	1.11691	0.613529	0.850163	-1.17625	0.967208	0.982982	-1.01339	0.0161312	0.55568	2.55568	0.0144004	0.0147753	0.382758	2.612362	0.127234	1.69166	1.69166	?	?	0.887552	1.04613	1.04613	0.146204	1.6441	1.6441	3.36215	4.8089	1.43031	1
03447742	WTAP;WTAP;WTAP	0.0529766	0.518866	0.912923	-1.09538	0.283324	1.16799	1.16799	0.865445	1.02891	1.02891	0.200485	0.803588	1.24498	0.0013858	1.20397	0.0422888	2.732951	0.077606	0.7609	-1.31423	0.0389373	1.58841	1.58841	0.286644	1.16665	1.16665	0.63414	0.935392	-1.00907	3.31412	1.01864	2.272211	1
21988244	PNMAL1;PNMAL1	0.0529766	0.295458	0.709897	-1.40865	0.835494	0.936441	-1.06787	0.0836573	1.83056	1.83056	0.0553411	0.503613	-1.98565	0.0214283	0.417764	-2.39369	0.0216165	0.418492	-2.38953	0.0851608	0.548211	-1.82412	0.0847095	0.547634	-1.82604	0.722625	0.893548	-1.11913	3.41412	5.23493	1.40407	1
05333615	PTTG1IP	0.0529769	0.165386	0.642073	-1.55745	0.206259	0.872154	1.14675	0.422798	1.27764	1.27764	0.405651	0.785903	-1.27242	0.0379215	0.560937	-2.77029	0.358305	0.753628	-1.32691	0.0064868	0.346605	-2.88513	0.0582304	0.526908	-1.89786	0.594782	0.851496	-1.1744	3.31411	4.70636	1.26231	1
24126247	UBTD2	0.0529777	0.127866	1.41147	1.41147	0.945025	0.1041	1.1041	0.244839	0.90027	1.11054	0.0255025	0.38279	2.612749	0.0190447	0.130477	-7.66674	0.1336979	1.13679	1.13679	0.505589	0.1155	1.14172	0.0225321	0.240455	0.0231904	1.7651	1.7651	3.3141	2.30057	0.617047	1
03707169	FU1;FU1	0.0529781	0.0140141	0.20592	0.20592	0.0498158	5.14026	5.14026	0.183243	2.81017	2.81017	0.507911	1.63476	1.63476	0.581038	0.665074	-1.50359	0.196362	0.368025	-2.71721	0.240349	0.406777	-2.45835	0.0837354	0.45702	0.45702	0.0479883	5.22828	5.22828	3.31409	28.1022	7.53743	1
06643849	AURKC;AURKC;AURKC;AURKC;AURKC	0.0529812	0.12632	0.39742	0.39742	0.0498158	0.34638	0.34638	0.0328568	3.4015	3.4015	0.0427266	0.342234	2.922434	0.0024845	1.572997	1.74197	0.034227	0.280782	3.56089	0.0024347	2.054281	0.0242497	0.291987	0.34621	0.0154624	0.314001	0.14701	0.918899	0.948211	0.154625	0.314001	0.93485	1
24547873	MST1P9	0.0529823	0.0283984	0.537914	0.307056	0.297886	3.29786	0.483631	1.42027	0.109629	2.36227	0.0183564	0.0291224	20.99923	2.09023	1.78618	2.02238	2.02238	0.0070509	0.556499	0.0157913	0.29538	4.29538	0.110147	2.41994	2.41994	3.31398	12.7489	3.41956	1
05874270	NR4S1	0.0529825	0.0429153	0.536274	-1.85091	0.111376	0.451349	1.21865	0.0898306	0.630112	-1.63903	0.329615	0.766291	-1.30499	0.0990804	0.620785	-1.61086	0.0423954	0.59194	-1.68962	0.0081909	0.408383	-2.44868	0.097535	0.658202	-1.51976	0.524404	0.843272	-1.18586	3.31398	3.66491	0.989317	1
06877575	FAM18B	0.0529827	0.00125215	11.655	11.655	0.340938	1.65645	1.65645	0.849758	1.10386	1.10386	0.600562	1.31692	1.31692	0.842354	0.901439	-1.10934	0.259857	0.542019	-1.84495	0.383918	0.59237	-1.59237	0.168885	0.245652	0.144652	0.241005	1.80571	1.80571	3.31398	14.2516	3.82262	1
09985421	NDUFC2	0.0529871	0.195524	0.527225	-1.89673	0.0431283	0.167899	-5.95596	0.123487	0.458336	-2.18181	0.721451	0.845866	-1.18222	0.0338426	0.313945	-3.18527	0.0467723	0.344905	-2.90041	0.0050401	0.352655	-2.83568	0.71297	0.84133	-1.18859	0.31997	0.147593	3.07813	1
09991306	SNED1	0.0529832	0.444783	1.307	2.3971	0.0289574	0.18435	1.1835	0.0682619	0.886859	0.886859	-1.12678	0.540895	0.886859	0.388479	0.428148	2.47895	0.887779	0.631551	-1.5834	0.913215	1.13014	1.13014	0.627536	1.73102	1.73102	0.0056526	58.8368	58.8368	0.0152579	28.3185	28.3185	3.31396	66.1021	17.7231	1
26090061	MN1;MN1 ANK1;ANK1;ANK1;ANK1;ANK1;AN	0.0529834	0.409799	1.22414	1.22418	0.20227	1.38134	1.38134	0.0785345	1.59822	1.59822	0.0719156	0.617495	-1.61945	0.762375	1.07548	1.07548	0.632088	0.890696	-1.12272	0.668022	0.901651	-1.10908	0.00439766	0.401528	-2.49048	0.76861	1.07336	1.07336	3.31396	3.02213	0.810612	1
11823178	K1;MIR486;ANK1	0.0529863	0.0957768	2.88832	2.28832	0.747975	1.15704	1.15704	0.212231	0.55182	-1.81219	0.147337	2.02087	2.02087	0.229626	1.7689	1.7689	0.234242	1.75805	1.75805	0.0667248	4.9045	4.9045	0.017377	3.70825	3.70825	0.0969555	2.280036	2.280036	3.31389	10.7452	2.88221	1
17524021	PCDHA7;PCDHA12;PCDHA6;PCDHA10;P CDHA4;PCDHA11;PCDHA2;PCDHA8;P CDH46;PCDHA1;PCDHA2;PCDHA1	0.052987	0.110726	0.686013	-1.4577	0.777876	0.940516	-1.06325	0.478217	1.16924	1.16924	0.324848	0.802141	-1.24666	0.41674	0.835289	-1.19719	0.163737	0.723238	-1.38267	0.0179935	0.511411	-1.95538	0.00632546	0.462554	-2.16191	0.0367516	0.590877	-1.6924	3.31387	2.46804	0.66301	1
25666403	OSM	0.0529872	0.310826	0.68144	-1.46748	0.0559255	0.452908	-2.20795	0.0140721	0.329997	-3.03033	0.116122	0.53548	-1.86748	0.847794	0.93213	-1.07281	0.63424	1.19161	1.19161	0.0322951	2.50152	2.50152	0.271221	0.657729	-1.52038	0.108475	0.527073	-1.89727	3.31387	7.02153	1.88341	1
04337476	UNC84A;UNC84A	0.0529872	0.967878	0.992825	-1.00723	0.263054	1.23202	1.23202	0.161892	0.765609	-1.30615	0.0685013	0.694417	-1.44206	0.0042807	0.50115	-1.99541	0.155089	0.759476	-1.3167	0.322194	0.830283	-1.20066	0.0581924	0.68193	-1.46643	0.0782448	0.704798	-1.41885	3.31387	1.67832	0.450181	1
05635744	METRNL	0.0529884	0.0696905	0.487252	-2.05196	0.0959302	0.1041	1.1041	0.0159497	0.6361	-1.57197	0.0233643	0.5983	-1.67152	0.0188326	0.0825298	-2.12176	0.1478365	0.655124	-1.52652	0.0139911	0.1155	1.14172	0.0665366	0.240455	0.0231904	1.7651	1.7651	3.31422	3.31384	0.0659116	0.993916	1
14032371	CAU;NCAU	0.0529917	0.108788	0.608559	-1.64323	0.138866	0.636116	-1.57204	0.100176	0.599611	-1.66775	0.615765	0.866161	-1.15452	0.00554958	0.35335	-2.81413	0.457004	1.23997	1.23997	0.0123787	0.413071	-2.42089	0.915492	0.0306	0.0306	0.207455	0.685599	-1.45858	3.31376	4.23176	1.13513	1
18275620	C5orf186	0.0529925	0.053781	0.448372	-2.23029	0.0307807	0.394582	-2.53176	0.0620828	0.46329	-2.15847	0.885978	0.948816	-1.05395	0.30826	0.679655	-1.47134	0.353257	0.704857	-1.41873	0.0337545	0.424968	-2.32732	0.863485	0.938927	-1.06505	0.313774	0.703733	1.88772	1
08361691	C18orf25;C18orf25	0.0529931	0.64966	1.05414	1.05414	0.150708	1.19433	1.19433	0.816479	1.02717	1.02717	0.240036	0.867756	-1.1524	0.0473438	1.29903	1.29903	0.825668	0.974885	-1.02576	0.00695115	0.668535	-1.49581	0.870804	0.981407	-1.01894	0.0809235	1.25001	1.25001	3.31372	0.6977	0.187165	1
06940756	AKR6	0.0529965	0.934995	1.02328	1.02328	0.0805838	0.309658	-3.22957	0.116886	0.63847	-1.61689	?	?	?	?	0.785282	1.92586	1.03808	0.11479	0.61645	-1.62215	0.222723	1.43538	1.43538	0.38037	0.72868	-1.37235	0.963625	1.01295	1.01295	3.36163	3.76553	1.12015	1
21104276	FZD1;FZD1	0.052997	0.167921	0.45823	-2.18253	0.0124279	0.71291	0.671291	0.0388854	0.907702	0.95702	0.122309	0.78669	1.27869	0.0163163	0.859273	-1.16357	0.123555	0.77567	1.27567	0.033423	0.57734	-1.73165	0.0134536	0.482268	0.88288	-1.13288	0.114338	0.86088	2.86088	3.31363	0.91675	0.273197	1
21601614	CACNA2D4	0.0529984	0.0191308	0.0191308	0.0191308	0.0191308	0.31444	3.18037	0.0078963	2.26376	2.12311	0.0194053	0.35245	2.837402	0.0065115	0.408397	-2.47407	0.141808	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	0.0191308	3.31363	0.0191308	0.0191308	0.0191308	0.0191308	1
24593363	LOC115110	0.0529987	0.042209	0.390016	-2.564	0.176215	1.78342	1.78342	0.143173	0.530977	-1.88332	0.156519	0.543473	-1.84002	0.0185185	0.316922	-3.15535	0.56601	1.791819	-1.26292	0.0159144	0.304871	-3.28007	0.162026	0.548428	-1.82339	0.0663156	0.436646	-2.29018	3.31359	3.49517	2.27888	1
01505382	CNTD2	0.0529994	0.084447	0.49213	1.49213	0.630213	1.10703	1.10703	0.643993	1.1025	1.1025	0.267223	1.27426	1.27426	0.401334	1.19736	1.19736	0.162044	1.36759	1.36759	0.00986164	2.79224	2.79224	0.189923	1.33791	1.33791	0.874139	1.0338	1.0338	3.31357	2.3074	0.618976	1
21487207	HOXC4;HOXC6;HOXC5	0.0529995	0.185971	0.44788	-2.23292	0.0452182	0.45182	2.21132	0.191638	0.45182	2.21132	0.191638	0.45182	2.21132	0.191638	0.422551	-2.36705	0.56794	0.783319	-1.27642	0.0752751	0.422677	-2.36718	0.0227579	0.32677	0.81461	0.903912	-1.1062	3.31357	0.69141	2.59979	1
18009322	KIF25;KIF25	0.0529997	0.0990358	0.306904	-3.25835	0.0317043	0.193037	-5.18036	0.0312699	0.191955	-5.20956	0.238134	0.466158	-2.24136	0.0307308	0.190359	-5.24661	0.0496365	0.231581	-4.31815	0.0285454	0.184949	-5.40689	0.0128597	0.132967	-7.52066	0.140008	0.354476	-2.82107	3.31357	2.32891	6.00604	1
25223391	UVRAG	0.0530019	0.0300108	0.647621	1.54351	0.0728529	0.984747	1.01549	0.353156	0.910201	-1.09847	0.0389456	0.845792	-1.18257	0.0294556	0.339552	-2.94511	0.0519336	0.88459	-1.13052	0.628396	0.710097	0.40821	-2.44926	0.0111288	0.978978	-1.02147	0.0913289	0.836567	-1.19556	3.31352	0.483303	0.129657	1
07974125	C4orf14	0.0530027	0.488301	1.11472	1.11472	0.964007	1.00691	1.00691	0.00175949	1.98865	1.98865	0.561162	0.793551	1.98865	0.0161966	0.703624	1.19719	1.19719	0.730669	0.948094	-1.05475	0.804664	1.03896	1.03896	0.254403	1.2015	1.2015	0.0303299	1.48099	1.48099	3.3135	1.24862	0.334957	1
17384870	ZNF766	0.0530036	0.790452	1.06212	1.06212	0.189877	0.730357	-1.36919	0.771151	1.06823	1.06823	0.332122	1.25411	1.25411	0.210004	0.741585	-1.34846	0.0541478	0.609811	-1.63985	0.00253123	0.387317	-2.58186	0.843054	1.04588	1.04588	0.5045661	1.16561	1.16561	3.31348	2.68759	0.720987	1
07866207	C5orf51	0.0530038	0.139422	0.405161	0.405161	0.0818774	0.558	1.55798	0.0313051	0.861061	1.16061	0.0713879	1.33	1.33	0.0967511	1.33	1.33	0.0834345	0.645291	-1.54969	0.0037788	0.40929	-2.44426	0.411228	0.825233	-1.21178	0.0877235	0.649943	-1.5386	3.31347	2.74257	0.735736	1
10157795	TCERG1L	0.0530045	0.818684	1.05495	1.05495	0.276264	1.83445	1.83445	0.182841	1.39003	1.39003	0.752448	1.07651	1.07651	0.933552	1.01314	1.01314	0.357782	0.802256	-1.24648	0.702792	0.914558	-1.09342	0.00213739	0.231693	0.231693	0.539496	1.15572	1.15572	3.31345	2.84841	0.764134	1
23365183	FLI1350	0.0530046	0.726327	1.08202	-1.53602	0.0126446	0.218244	-2.13237	0.0504894	0.681224	-1.46779	0.194691	0.543393	-1.83701	0.0134407	0.406868	-2.45803	0.0715538	0.338442	-2.95403	0.0138844	0.317884	-3.14607	0.0800155	-1.2475	0.208848	1.79911	1.79911	0.101557	0.451731	0.223221	10.33	1.72721	1
10416593	TYMP;SCO2;TYMP;TYMP	0.0530047	0.0447322	0.529405	-1.88891	0.0130802	0.42758	-2.33874	0.5611	0.850261	-1.17611	0.0914476	0.598682	-1.67033	0.0159693	0.44294	-2.25764	0.644715	1.13674	1.13674	0.395964	0.786672	-1.27118	0.72432	1.10268	1.10268	0.0267822	1.484712	-2.06308	3.31345	3.99811	1.07256	1
26804057	POP1;POP1;POP1	0.053005	0.259404	0.502229	-1.99909	0.334537	0.556576	-1.7967	0.00838656	0.137699	-7.26223	0.887175	0.919815	-1.08718	0.0110885	0.153342	-6.52136	0.464987	1.5491	1.5491	0.0237103	0.2093	-4.79738	0.0564754	0.273193	0.273193	0.539496	1.15572	1.15572	3.31345	2.84841	0.764134	1
09157008	ADIPOR1;ADIPOR1	0.0530057	0.0347066	0.529397	-1.88907	0.0179351	0.394581	-2.53415	0.0620828	0.463229	-2.15847	0.885978	0.937432	-1.06627	0.0898281	0.376522	-2.65617	0.3193564	0.698263	-1.43211	0.0369409	0.2327	-4.29738	0.0564754	0.273193	0.273193	0.539496	1.15572	1.15572	3.31345	3.86619	0.97852	1
00606606	C1orf228;TMEM53;C1orf228	0.0530085	0.245856	1.6775	1.6775	0.00282817	1.76942	1.76942	0.90425	0.950001	-1.05263	0.160207	1.89553	1.89553	0.664908	0.830484	-1.20412	0.432187	0.710591	-1.40728	?	?	?	0.162571	0.529713	-1.88782	0.688022	1.18773	1.18773	3.36133	8.59644	2.55745	1
07288841	SNCAIP	0.0530091	0.639302	0.969911	-1.03126	0.0105904	0.611042	-1.63655	0.0314462	0.761486	-1.31378	0.165974	0.721659	-1.38548	0.0182444	0.552179	-1.81059	0.778098	1.021931	1.021931	0.866	0.555	-1.8018	0.0590408	0.60377	-1.65837	0.0790644	0.910717	-1.09796	0.405432	0.828116	-1.20756	3.31333	3.57629	0.691157	1
02532014	UBE2QP1	0.0530096	0.0831937	0.151796	-6.58777	0.745163	0.729299	-1.37118	?	?	?	?	?	?	?	0.0286903	0.0770775	-12.974	0.692099	1.47368	1.47368	0.0663133	0.76053	0.76053	0.201028	0.373389	0.373389	0.0730232	1.75404	1.75404	3.69524	41.704	11.2859	1
16849798	GLTB2	0.0530107	0.0454752	0.53155	0.53155	0.0728471	1.9078	1.9078	0.0516487	1.47893	1.47893	0.266528	2.36463	2.36463	0.0155009	0.5158	-1.93889	0.154895	0.322467	3.1011	0.1220178	0.287756	0.4565	0.0584462	0.478393	-1.13956	0.0558442	0.642284	-1.55677	3.31333	0.29462	0.78042	1
21452652	ZNF138;ZNF138;ZNF138;ZNF138 HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.0530109	0.736543	0.875811	-1.1418	0.908847	0.956066	-1.04595	0.201757	0.588977	-1.69786	0.00113333	0.152472	-6.55856	0.965181	0.10729	1.01729	0.600626	1.23052	1.23052	0.140398	0.536412	-1.86424	0.686899	1.17249	1.17249	0.808933	1.09981	1.09981	3.3133	8.09281	2.17113	1
08040960	R4	0.0530121	0.080158	1.16018	1.16018	0.100706	0.874442	-1.14752	0.523189	1.05077	1.05077	0.280177	1.08972	1.08972	0.987241	0.998777	-1.00122	0.0118587	0.78629	-1.2718	0.181148	1.11478	1.11478	0.557925	1.17843	1.17843	0.0631248	0.963664	-1.03771	3.31327	0.307391	0.0824673	1
00443635	TGIF2	0.0530129	0.0336779	0.518743	-1.92774	0.0258995	0.49671	-2.01325	0.0295209	0.507587	-1.97011	0.0410288	0.535875	-1.86611	0.0695565	0.584409	-1.71113	0.0149587	0.781687	-1.27928	0.0461061	0.546249	-1.83067	0.0127402	0.440916	-2.26801	0.226518	0.714642	-1.3993	3.31325	3.67346	0.985526	1
05904366	ANO9	0.0530145	0.215172	2.05804	2.05804	0.41385	1.64078	1.64078	0.299255	1.80485	1.80485	0.00350705	0.45472	2.20004	0.0095662	2.91538	2.91538	0.333506	1.80633	1.80633	0.0220972	5.0044	5.0044	0.0978892	0.49175	2.03275	0.0409261	0.40815	0.40815	3.31321	1.84381	0.494628	1
06684259	NAS3	0.0530157	0.66642	0.923987	-1.07598	0.0643595	1.4403	1.4403	0.0540951	1.44651	1.44651	0.0513455	0.714654	1.39928	0.0181324	0.5543	-1.80423	0.0995373	1.00098	1.00098	0.9917905	0.593216	-1.68573	0.0121085	0.124844	0.124844	0.580243	1.09892	1.09892	3.31318	1.49618	0.401407	1
21715189	CYP19A1	0.0530159	0.0232478	3.90764	3.90764	0.0202434	4.08266	4.08266	0.203459	1.96302	1.96302	0.317629	1.68041	1.68041	0.0471293	3.1314	3.1314	0.62751	0.782162	-1.27851	0.155162	2.16394	2.16394	0.010842	4.99093	4.99093	0.0677667	2.79567	2.79567	3.31318	13.2478	3.55424	1
12323461	HOXC12	0.0530172	0.0168097	0.0168097	0.0168097	0.0168097	0.145654	6.12511	0.0514102	1.09026	1.09026	0.372628	0.680447	2.128139	0.0144004	0.207666	4.81524	0.0168097	0.0168097	0.0168097	0.0168097	0.0168097	-28.84	0.957937	0.958364	0.0146741	0.665215	0.705624	-1.41718	3.3312	0.36489	0.02939	1
13941669	NIPAL4	0.0530173	0.0447726	0.650363	-1.5376	0.02259	0.600521	-1.66522	0.0103173	0.546858	-1.82863	0.450321	0.715448	1.53448	0.308128	0.821181	-1.21776	0.55735	1.11721	1.11721	0.0614364	0.674677	-1.48219	0.117236	0.727762	-1.37408	0.839476	0.10861	0.10861	3.31315	1.8302	0.491028	1
25320068	GSTM5	0.0530185	0.118984	0.843852	0.843852	0.163885	0.35754	0.35754	0.0216373	0.43743	0.43743	0.0190651	0.28504	3.50924	0.0172813	0.43743	2.28577	0.0402057	0.6851	-1.46001	0.0178708	0.25707	0.25707	0.0211179	0.917436	-1.08999	0.0146069	0.905097	0.905097	3.31314	0.9778	0.252766	1
21116267	MARCKS	0.0530183	0.283246	0.849119	-1.17769	0.375686	0.14268	0.14268	0.257641	1.18922	1.18922	0.235685	1.19998	1.19998	0.266052	1.18532	1.18532	0.00550365	0.585462	-1.70805	0.0817693	1.32705	1.32705	0.189031	1.22645	1.22645	0.622731	0.929837	1.07546	3.31312	1.21924	0.302969	1
06559240	PHRF1	0.0530184	0.441573	1.31248	1.31248	0.911358	0.962146	-1.03934	0.0650221	0.487767	-2.05016	0.0547464	1.12755	1.12755	0.00388854	0.25997	-3.8466	0.484055	0.781586	-1.27945	0.661149	1.16231	1.16231	0.764096	0.913151	-1.09487	0.73786	0.731365	-1.36731	3.31312	6.30058	1.6004	1
01653868	SLC13A3;SLC12A3;SLC12A3	0.0530185	0.0826541	0.554704	-1.80278	0.0482882	0.194579	-5.1401	0.0676882	0.459451	-1.43986	0.0988375	0.786196	-1.27195	0.0388855	0.314111	-3.18246	0.0640216	0.600461	-1.6481	0.0074504	0.242523	-4.12198	0.0208	0.0509501	-1.04274	0.614151	0.913435	-1.09477	3.31312	1.65452	0.444082	1
03000004	NR3C2;NR3C2	0.0530195	0.0576826	1.59556	1.59556	0.526346	0.869569	-1.14999	0.845518	1.04338	1.04338	0.597044	1.12315	1.12315	0.186365	1.35657	1.35657	0.533764	1.14705	1.14705	0.0717691	1.54902	1.54902	0.0161379	0.526884	-1.80795	0.0522585	0.618426	-1.61701	3.31309	2.48658	0.667139	1
12319228	TUFM	0.053019	?	?	?	?	0.318869	3.13689	0.0138603	1.46164	1.46164	0.0960567	0.45364	2.205026	0.0198526	1.93389	1.93389	0.870277	0.793084	-1.26059	0.0116564	0.120598	8.29185	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	3.31305	0.0122	0.0122	0.0122	0.0122	1
06961321	MTR3B	0.0530202	0.0577727	0.333506	-2.99845	0.597082	1.31397	1.31397	0.0988911	0.99608	-2.52474	0.0135353	0.20924	-4.77921	0.745903	0.846685	-1.18108	0.169363	0.472666	-2.11566	0.0143286	0.213191	-4.69062	0.0346957	0.283581	-3.52633	0.0699923	0.354521	-2.8207	3.31308	3.74374	0.368839	1
09555360	NOC2L	0.0530209	0.189195	0.729598	-1.37062	0.0146605	0.506065	-1.97603	0.824582	0.950926	-1.05161	0.892831	1.03102	1.03102	0.330947	0.796622	-1.2553	0.233485	1.32729	1.32729	0.016397	0.514332	-1.94427	0.51667	0.861541	-1.16071	0.0149539	0.504514	-1.9821	3.31306	2.60577	0.723271	1
15888693	ANKFY1	0.0530214	0.0313464	0.241218	-4.14511	0.147359	0.67	-1.49381	0.0511744	0.710504	-1.40758	0.0388683	0.973347	-1.02729	0.0188249	0.751	-1.33156	0.0675994	0.316585	-3.1577	0.0398899	0.159608	-6.26535	0.651466	0.777492	-1.29184	0.0472198	0.273435

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13224081	TUBB6	0.0530953	0.0206204	0.374645	-2.66919	0.00898404	0.310393	-3.22172	0.014049	0.343786	-2.90878	0.0360465	0.423741	-2.35993	0.135393	0.567376	-1.7625	0.0821383	0.507524	-1.97035	0.396602	0.736623	-1.35755	0.215594	0.631943	-1.58242	0.217638	0.633365	-1.57887	3.31128	6.50294	1.74567	1
cg12979590	CUGBP1	0.0530955	0.103432	0.306873	-3.25867	0.0868999	3.5045	3.5045	0.0908877	3.43963	3.43963	0.736271	0.799148	-1.25133	0.02552	0.171989	-5.81431	0.737689	1.24976	1.24976	0.029726	0.18323	-5.45762	0.997114	0.997604	-1.0024	0.144997	0.3541	-2.82406	3.31127	23.0718	6.19348	1
cg21172944	SLC45A1	0.0530959	0.32133	0.600074	-1.66646	0.617152	0.77786	-1.28558	0.161395	0.474518	-2.1074	0.0419415	0.310851	-3.21698	0.00280562	0.128428	-7.78643	0.270127	0.5642	-1.77242	0.0142168	0.22145	-4.51569	0.718987	0.835188	-1.19734	0.23294	0.536106	-1.8653	3.31126	13.0291	3.49758	1
cg18454973	PDE7B	0.0530961	0.010766	0.536226	-1.86489	0.22181	0.778987	-1.28372	0.313624	1.22471	1.22471	0.699786	0.927405	-1.07828	0.537145	0.885551	-1.12924	0.324691	0.820519	-1.21874	0.0325111	1.62706	1.62706	0.0934204	0.698443	-1.43176	0.0927215	0.697801	-1.43307	3.31126	1.98399	0.532591	1
cg03070297	DOCK1;FAM196A	0.0530961	0.656296	0.948945	-1.0538	0.0723558	0.790881	-1.26441	0.908433	1.01355	1.01355	0.0216053	0.724152	-1.38093	0.688909	0.954008	-1.04821	0.983525	1.00242	1.00242	0.00635141	0.659909	-1.51536	0.295794	1.13524	1.13524	0.202224	1.17062	1.17062	3.31126	0.717866	0.192707	1
cg11788010	BMP8B	0.0530968	0.611917	0.874006	-1.14416	0.069825	1.70515	1.70515	0.158054	1.48773	1.48773	0.0183776	2.12344	2.12344	0.840945	1.05431	1.05431	0.0576749	1.75938	1.75938	0.0505288	1.79784	1.79784	0.00843855	2.42382	2.42382	0.973006	0.991133	-1.00895	3.31124	3.63336	0.975359	1
cg11624309	CD79A;CD79A;CD79A;CD79A	0.0530973	0.0176285	0.219379	-4.55831	0.0237837	0.242298	-4.12716	0.134777	0.428654	-2.33289	0.0908939	0.37587	-2.6605	0.0278759	0.255302	-3.91693	0.134622	0.428487	-2.33379	0.0447271	0.298011	-3.35558	0.017449	0.218631	-4.57391	0.0938686	0.37989	-2.63234	3.31123	14.4757	3.88596	1
cg01435196	VASP	0.053098	0.212286	1.0577	1.0577	0.0491996	0.908595	-1.1006	0.186223	1.06166	1.06166	0.0957969	1.08124	1.08124	0.677577	0.982307	-1.01801	0.101214	1.07964	1.07964	0.851657	0.992039	-1.00802	0.557626	0.974998	-1.02564	0.00802869	1.15606	1.15606	3.31121	0.0955992	0.0256634	1
cg23875391	FAM69C	0.0530985	0.0791517	0.352118	-2.83995	0.0485528	3.34228	3.34228	0.479636	1.46935	1.46935	0.215592	0.497602	-2.00964	0.0078443	0.160885	-6.21561	0.645246	1.28177	1.28177	0.0885291	0.365596	-2.73526	0.388669	0.623067	-1.60496	0.566137	0.733023	-1.36421	3.3112	15.0386	4.0371	1
cg09010156	MVP;MVP	0.0530991	0.00939598	0.472512	-2.11635	0.438179	1.19726	1.19726	0.0780767	0.640371	-1.56159	0.00773127	0.458884	-2.1792	0.357034	0.80601	-1.24068	0.133457	0.691757	-1.44559	0.150358	0.703989	-1.42048	0.758059	1.07288	1.07288	0.260677	0.765606	-1.30615	3.31119	2.71819	0.729698	1
cg04138046	MCC;MCC	0.0530993	0.831377	0.954767	-1.04738	0.350089	0.811567	-1.23218	0.0130667	0.512569	-1.95096	0.740338	0.930349	-1.07486	0.120341	1.44159	1.44159	0.0729626	0.647813	-1.54366	0.0269884	1.76562	1.76562	0.327679	1.24524	1.24524	0.967847	1.00879	1.00879	3.31118	2.47114	0.663379	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	df
cg23288059	CLEC14A	0.05532223	0.0154334	6.125	0.0233623	5.2187	5.2187	5.2187	0.333998	1.82154	1.82154	1.82154	0.35747	0.561525	-1.78086	12.22024	2.77805	2.77805	0.288346	1.08944	1.08944	1.08944	0.944725	1.04319	1.04319	0.0087171	7.67612	7.67612	3.30824	19.4845	5.22827	1
cg10898184	PTPN2;PTPN2-PTPRN2	0.05532236	0.4149	0.775449	-1.28958	0.540883	0.827909	-1.20786	0.814929	1.07227	1.07227	0.515198	1.22307	1.223007	0.430148	0.227441	4.39674	0.589383	0.846809	-1.1809	0.310318	1.37761	1.37761	0.844119	0.941695	-1.06191	0.487016	0.806138	-1.24048	1.308121	4.87899	1.31094	1
cg09336988	ARHGEF1;ARHGEF1	0.05532238	0.0925001	0.36901	-2.70995	0.601422	0.752926	-1.32815	0.974382	1.01744	1.01744	0.53541	0.711228	-1.40208	0.03095652	0.255654	-3.91153	0.962743	0.975161	-1.02547	0.00155697	0.0863912	-11.5751	0.274123	0.541859	-1.8455	0.3133553	0.5384462	-1.71098	0.30821	15.1911	4.08174	1
cg06358671	C4orf50	0.05532245	0.7578441	0.850797	-1.17537	0.1848451	1.96694	1.96694	0.7737401	1.1757	1.1757	0.4911193	0.7743383	-1.39981	0.00183534	0.1189574	-8.4043	0.193826	0.516186	-1.93729	0.166406	0.4991759	-2.03352	0.12501	0.4406602	-2.22268	0.4782226	0.706942	-1.41454	0.30819	12.1226	3.25726	1
cg21646520	LTBXA1	0.05532268	0.165133	1.32968	1.32968	0.122487	0.724635	-1.38	0.258997	1.25438	1.25438	0.4482344	1.144884	1.144884	0.0168213	0.5704411	-1.75312	0.162724	1.37424	1.37424	0.0482344	1.54409	0.426902	1.16897	1.16897	0.230373	0.7849228	-1.274	1.30814	1.94049	0.521407	1
cg06526189	MAD2L1BP;MAD2L1BP	0.05532276	0.677156	0.954986	-1.04714	0.00229985	1.59787	1.59787	0.128315	1.19822	1.19822	0.514501	1.07542	1.07542	0.566935	0.9383119	-1.06574	0.6623283	1.25961	1.25961	0.750299	1.03575	1.03575	0.685676	1.04578	1.04578	0.2360033	0.8723244	-1.14636	3.08122	0.6339999	0.1700355	1
cg00345366	SAAL1	0.05532328	0.0311847	0.113645	-8.79914	0.0731958	0.176981	-5.65031	0.764963	0.772704	-1.29436	0.105755	0.2618786	0.4139	0.0154376	0.0776259	-12.8823	0.0554833	0.154643	-6.46651	0.0203836	0.09034491	-11.0632	0.0287065	0.108701	-9.19951	0.08564616	0.199167	-5.01381	0.30811	38.7522	10.4127	1
cg25448382	TARS;TARS	0.05532283	0.11424	1.66763	1.66763	0.661005	0.34137	1.14037	0.642953	0.870261	1.14908	0.3382	0.33125	1.33125	0.952847	0.982552	-1.01776	0.483486	0.808984	-1.23612	0.0203639	0.1439834	-3.51378	0.899434	0.10835	0.13085	0.1458804	0.547584	1.58805	0.3081	4.64234	1.2474	1
cg05715532	HH	0.05532292	0.0376493	2.72442	2.72442	0.00197317	6.15533	6.15533	0.0280293	2.94089	2.94089	0.313812	1.54187	1.54187	0.623984	1.22797	1.22797	0.2275377	1.69296	1.69296	0.311702	1.54499	1.54499	0.168576	1.84004	1.84004	0.49357	1.33508	1.33508	0.30808	9.05156	2.43218	1
cg04985652	DTD1	0.05532301	0.2592641	1.0911	1.0911	0.4593123	1.38809	1.38809	0.1439	1.14106	1.14106	0.4196	0.9883214	0.988321	0.4724908	0.9204003	-1.08644	0.4644925	1.08452	1.08452	0.7865	1.08944	1.08944	0.944725	1.04319	1.04319	0.0087171	7.67612	7.67612	3.30824	19.4845	5.22827	1
cg00091827	INL1;BIN1;BIN1	0.05532317	0.5639003	1.09796	1.09796	0.0157269	0.634146	-1.60219	0.0614081	0.7140994	-1.39861	0.388346	0.854705	-1.16999	0.27909	0.8359932	-1.19627	0.150205	0.782222	-1.37841	0.0184302	0.6343251	-1.57665	0.00938737	0.591858	-1.68959	0.37748	0.865705	-1.15513	3.08002	1.33865	0.3570717	1
cg15856028	SVIL;MIR938;SVIL	0.05532355	0.084542	0.464106	-2.15468	0.903884	1.04981	1.04981	0.828409	1.09126	1.09126	0.487069	0.752692	-1.32857	0.00419252	0.2136888	-4.67972	0.295469	0.646288	-1.5473	0.0177578	0.313541	-3.18938	0.0535243	0.413852	-2.41633	0.126071	0.513784	-1.94634	3.30793	8.48096	2.27896	1
cg09027133	MAN1C1	0.05532374	0.598024	1.4183	1.4183	0.346222	1.85926	1.85926	0.0285565	5.44921	5.44921	0.609476	1.40268	1.402684	0.0108455	0.1904028	-5.25109	0.859771	-1.1631	0.0148055	0.139533	-7.16678	0.0268713	0.178727	-5.59512	0.313652	3.18268	0.98268	0.30788	22.6001	6.07306	1
cg02155339	GRAMD1A;GRAMD1A	0.05532387	0.00266566	0.533253	-2.59282	0.0384908	0.61104	-1.63655	0.533241	0.8547022	-1.18033	0.0414448	0.599562	-1.85198	0.0878484	0.610577	-1.63887	0.6072458	0.594223	-1.71565	0.315598	1.063	1.063	0.674052	0.8890666	-1.11724	0.9609133	0.889911	-1.01019	3.30785	3.59704	0.9668441	1
cg08722065	EMB;EMB	0.05532393	0.827799	0.959915	-1.04176	0.2805439	1.23447	1.23447	0.0110294	1.81986	1.81986	0.215445	0.78282	-1.27743	0.110483	1.38628	1.38628	0.360093	1.19327	1.19327	0.0606832	0.6722361	-1.48757	0.933851	0.984531	-1.01571	0.0442467	1.5434	1.5434	0.30784	1.84762	0.496495	1
cg26282236	NAIS2 CSorf44;TRIM23;CSorf44;CSorf44;TRI	0.05532394	0.514588	0.84537	-1.18291	0.959333	1.01415	1.01415	0.0224465	0.4790676	-2.30387	0.262423	1.34583	1.34583	0.0157507	0.471169	-2.12238	0.0369542	0.54018	-1.85123	0.280999	1.32274	1.32274	0.412848	1.23714	1.23714	0.170154	0.6907221	-1.44776	0.30784	3.38474	0.909555	1
cg27081973	M23;CSorf44;TRIM23	0.05532407	0.0119452	3.40753	3.40753	0.195161	1.71488	1.71488	0.0486178	2.45369	2.45369	0.425811	1.37487	1.37487	0.0180662	2.61293	2.61293	0.721548	0.869588	-1.14997	0.0450229	0.399602	-2.50249	0.850388	1.07648	1.07648	0.6569444	0.839789	-1.19078	3.58306	8.45965	1.83634	1
cg27335720	ZNF529;ZNF529;ZNF529	0.05532408	0.0611643	1.47913	1.47913	0.175427	1.0691	1.0691	0.3898302	0.963156	-1.03825	0.111913	1.37365	1.37365	0.408569	0.8564	-1.16768	0.623005	1.09545	1.09545	0.0542522	0.49577	-2.01707	0.290561	0.819071	-1.21956	0.382182	1.17864	1.17864	1.3078	1.76202	0.473499	1
cg05297121	NPNT	0.05532409	0.6484942	0.735101	-1.36036	0.0148756	7.45384	7.45384	0.17909	2.60393	2.60393	0.45667	1.60155117	-1.66246	0.601272	1.42411	1.42411	0.03043	1.50566	1.50566	0.0215467	0.6015517	6.36559	0.0260095	5.88022	5.88022	0.373383	1.84434	1.84434	3.7078	23.5546	6.32971	1
cg11781467	SNHG6	0.05532421	0.4195574	0.7041	-1.42055	0.0108438	0.588666	-1.69876	0.06429	0.64729	-1.54479	0.164472	0.707858	-1.41268	0.0301801	0.1384383	-7.22457	0.957999	1.01995	1.01995	0.0239546	0.2097125	-4.8251	0.0196549	0.1139614	-8.7714	0.0235434	0.1810466	-5.52077	0.71163	1.38896	0.3577	1
cg11769360	ERAP2;ERAP2	0.05532445	0.109324	1.59657	1.59657	0.0507244	0.550718	-1.81581	0.6691601	0.579909	-1.72441	0.912806	1.02979	1.02979	0.715811	1.10294	1.10294	0.4124551	1.25176	1.25176	0.0148278	2.23281	2.23281	0.459265	1.22375	1.22375	0.129942	0.6451033	-1.55014	3.30771	3.76174	1.0109	1
cg22510098	CTBP1;CTBP1	0.05532452	0.28711	1.88751	1.88751	0.0138857	0.573738	0.573738	0.0155308	5.50581	5.50581	0.199731	0.459044	-2.17844	0.109341	0.366631	-2.72754	0.426525	0.627111	-1.59462	0.925414	0.947607	-1.05529	0.262022	1.95851	1.95851	0.992803	1.0052	1.0052	1.0052	1.37042	4.65023	1
cg06876512	KCNN3;KCNN3	0.05532465	0.4628852	0.593553	-1.68511	0.0153171	0.674938	-1.52106	0.2122028	0.654098	-1.52882	0.0127487	0.73579	-1.35904	0.0123452	0.1480855	-6.75202	0.6072458	0.594223	-1.71565	0.315598	1.063	1.063	0.674052	0.8890666	-1.11724	0.9609133	0.889911	-1.01019	3.30785	3.59704	0.9668441	1
cg07000343	FAM66E	0.05532463	0.0396089	0.134666	-7.4258	0.0704927	0.182114	-5.49108	0.0596854	0.166894	-5.99182	0.128804	0.250841	-3.98659	0.0214458	0.0974805	-10.2585	0.0399478	0.135268	-7.39275	0.0209218	0.0962075	-10.3942	0.0800504	0.194711	-5.13581	0.0235066	0.1023141	-9.77129	3.30767	37.1847	9.99286	1
cg17380048	STARD4	0.05532536	0.3170078	1.09043	1.09043	0.0729074	2.13178	2.13178	0.0131994	1.37497	1.37497	0.107467	0.6376567	1.15494	0.0145098	0.5544504	-1.80353	0.1024836	1.37626	-1.45551	0.0126486	0.1476761	-6.65903	0.0143411	0.1496364	-6.68241	0.0128394	0.1320241	1.36766	1.54271	5.01069	1.10949	1
cg26570270	KLKBL4	0.05532574	0.0557987	0.706984	-1.41446	0.0429936	1.14679	1.14679	0.0483777	0.6909261	-1.44387	0.35956	0.8532	-1.17206	0.904353	1.0114	1.0114	0.0955433	1.34045	1.34045	0.0497901	1.430425	1.43056	0.0768589	1.37004	1.37004	0.192423	1.24703	1.24703	0.30749	1.34132	0.360479	1
cg08582028	NXAN2	0.05532556	0.162246	1.67922	1.67922	0.689787	1.14955	1.14955	0.00507856	0.27619	-3.6207	0.861696	0.941224	-1.06245	0.146403	0.5818448	-1.71866	0.63704	1.17951	1.17951	0.0509742	2.16461	2.16461	0.37138	1.37552	1.37552	0.440945	0.761109	-1.31387	3.07455	6.32093	1.69877	1
cg18271581	LARGE;LARGE	0.05532565	0.663884	0.907952	-1.1224	0.0779557	1.45385	1.45385	-1.2015	0.1445881	1.45385	0.1059159	1.45385	1.45385	0.0156955	1.5170904	1.5170904	0.3774248	0.786166	-1.272	0.0122444	0.2807	1.05293	0.403412	2.28078	2.28078	0.0179067	1.25332	1.25332	0.995217	1.00158	1.00158	0.30784	0.881768	1
cg08349488	AUTS2;AUTS2	0.05532567	0.704551	0.932082	-1.07287	0.0614017	0.677674	-1.47563	0.00185986	0.642524	-2.25976	0.530157	0.88922	-1.12458	0.468412	0.872666	-1.14591	0.434801	1.1585	1.1585	0.479555	0.875729	-1.14191	0.894647	1.02476	1.02476	0.0534218	0.6669337	-1.49939	3.30742	1.78552	0.479869	1
cg08357230	RASGRP2;RASGRP2;RASGRP2	0.05532571	0.7553311	0.906402	-1.10327	0.0296545	0.929645	-1.07568	0.3128094	0.4495139	-2.22266	0.0204504	0.5500301	-1.81819	0.0222606	0.1454049	-6.87555	0.4644874	0.783384	-1.27648	0.0178124	0.1966559	-5.08602	0.0228815	0.1240107	0.4248819	0.0159449	0.1078577	-9.27613	-1.82836	0.5842192	0.1753	0.4709	1
cg10432560	MIR196A1	0.05532573	0.538271	1.18916	1.18916	0.32897	0.755695	-1.32329	0.186016	1.47674	1.47674	0.00692056	2.64259	2.64259	0.702069	0.8986511	1.11278	0.224459	0.527353	-1.89626	0.0902221	0.386449	-2.58766	0.117009	0.408775	-2.44633	0.578285	0.134326	1.34326	3.30741	1.46463	3.88791	1
cg26795346	MMP2;MMP2	0.05532581	0.0609027	1.64139	1.64139	0.0973955	1.68147	1.68147	0.2880828	0.8325956	-1.21661	0.2694	1.22284	1.22284	0.0207284	0.4154	-2.40739	0.2856211	1.21407	1.21407	0.1602974	0.5593	1.79368	0.0800004	0.4044703	1.10049	0.220324	1.24944	1.24944	0.2018	0.9208	0.439706	1
cg20991819	TGFB2;TGFB2	0.05532582	0.115135	0.397684	-2.51456	0.573902	1.35775	1.35775	0.823869	0.886928	-1.12749	0.22372	0.502549	-1.98985	0.00126612	0.0794866	-12.5807	0.232359	0.509583	-1.96239	0.498998	0.691135	-1.44689	0.294943	0.557292	-1.79439	0.11009	0.391638	-2.55338	3.30738	15.1769	4.07803	1
cg17817203	NLRP2	0.05532583	0.1054221	0.203031	-4.92604	0.0940473	0.186613	-5.36011	0.775727	0.387259	-2.58227	0.142718	0.547292	-1.82718	0.422418	0.5405797	-1.85034	0.2016547	0.492453	-2.03067	0.0579553	0.3118	-3.20687	0.0370718	0.1778	-5.62403	0.0178172	0.1031904	-9.69557	-2.08152	0.532356	0.15485	0.41677	1
cg25380464	ICK;ICK	0.05532604	0.132929	1.46987	1.46987	0.124433	1.48472	1.48472	0.429685	1.21109	1.21109	0.0136843	2.06348	2.06348	0.0147124	1.71564	1.71564	0.0542869	1.68013	1.68013	0.0443198	2.47435	2.47435	0.501553	1.17592	1.17592	0.558254	1.15103	1.15103	1.30733	2.95659	0.794623	1
cg01564755	ADARB2	0.05532626	0.974514	0.987372	-1.01276	0.140739	0.532432	-1.87617	0.587215	1.24365	1.24365	0.471075	1.33864	1.33864	0.0197288	0.326216	-3.06545	0.345467	0.67942	-1.47184	0.00799104	3.86649	3.86649	0.266139	1.58554	1.58554	0.791369	1.11123	1.11123	3.07228	8.28879	2.22776	1
cg01564045	DDI;DDI;DDI	0.05532650	0.2618078	1.51579	1.51579	0.4004102	0.9274954	0.927495	0.9274954	0.9274954	0.9274954	0.9274954	0.9274954	0.9274954	0.9274954	0.9274954	0.9274954	0.1259967	1.52127	1.52127	0.1963838	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	0.3054144	1
cg20190655	KRAS;KRAS	0.05532635	0.0101433	0.83893	1.80839	0.0234035	1.64013	1.64013	0.260631	1.23905	1.23905	0.381556	1.17816	1.17816	0.309197	1.21469	1.21469	0.14004	1.3365	1.3365	0.0511001	0.66641	-1.50058	0.721933	0.936804	-1.06746	0.952904	0.989268	-1.01085	3.30726	1.74816	0.469851	1
cg04441191	MAP4;MAP4;MAP4;MAP4;MAP4;MAP4	0.05532642	0.0144667	0.734586	-1.36131	0.149311	0.853658	-1.17143	0.551672	1.06356	1.06356	0.769561	0.970387	-1.03052	0.00655266	0.696701	-1.43534	0.6619691	0.806486	-1.23995	0.732351	0.9654841	-1.03575	0.547438	1.06428	1.06428	0.546868	1.06438	1.06438	3.30724	0.548479	0.147415	1
cg27547043	STRADB;TRAK2;TRAK2	0.05532644	0.4069858	0.978561	-1.02242	0.0775497	1.42424	1.42424	0.024024	1.68245	1.68245	0.0130553	1.27768	1.27768	0.0141735	1.2779	1.2779	0.1205447	1.26913	1.26913	0.1208	1.32111	1.32111	0.0509574	1.30242	1.30242	0.0261468	1.27223	1.27223	3.30724	0.5144438	0.182665	1
cg26065909	SELENBP1	0.05532657	0.276987	0.485501	-2.05909	0.318788	0.517789	-1.93129	0.0384539	0.2161319	0.627098	0.3183812	0.825915	0.825915	0.350835	0.5509778	-1.96859	0.481573	1.57926	1.57926	0.0467075	0.25118	0.25118	0.0204234	0.95983	0.95983	0.753263	1.22109	1.22109	3.30721	21.3737	5.74468	1
cg16249340	WDR27	0.05532659	0.448814	0.763203	-1.31027	0.503498	1.26832	1.26832	0.522384	0.796932	-1.25481	0.604397	0.83278	-1.2008	0.411659	0.745152	-1.34165	0.0128426	0.338985	-2.94998	0.00567046	0.28067	-3.56291	0.75086	1.11798	1.11798	0.02803	0.403084	-2.48088	3.3072	6.42036	1.72562	1
cg06740598	HADHB;HADHA;HADHA	0.05532663	0.4944311	0.81201	-1.23144	0.0773797	0.999509	-1.00057	0.0440854	0.500482	-1.99766	0.0134482	0.2719	-3.67701	0.0126326	0.1035676	-9.65611	0.8709471	1.1551	1.1551	0.1524552	0.4792	-2.08704	0.0369295	0.1458083	0.4911	-2.03611	0.1439155	0.1839996	1.12897	1.12897	0.3072	0.7762044	0.208648	1
cg27257457	MBTPS1	0.05532692	0.1426344	1.87539	1.87539	0.0172372	1.18303	1.18303	0.0408601	2.56484	2.56484	0.0333259	2.69795	2.69795	0.313775	0.6598641	-1.51546	0.2349292	1.608039	-1.66463	0.218025	1.67709	1.67709	0.0615744	1.19216	1.19216	0.0574201	1.35745	1.35745	3.30712	8.34007	2.24164	1
cg10095632	HMGB11	0.05532694	0.2648856	1.53524	1.53524	0.1213022	1.22884	1.22884	0.0801789	0.7918249	-1.26349	0.166688	0.834516	-1.1983	0.798426	1.03119	1.03119	0.574604	0.932786	-1.07206	0.00731122	1.52823	1.52823	0.328004	0.853942	-1.17104	0.266366	0.807546	-1.15268	3.30712	0.294441	0.211918	1
cg03784679	FER	0.05532715	0.6321956	0.9024955	-1.10804	0.0424598	0.564748	-1.77097	0.700057	1.08584	1.08584	0.140855	1.04954	1.04954	0.0101668	1.99288	1.99288	0.0921411	0.67408	-1.4835	0.461773	1.17279	1.17279	0.169014	1.36581	1.36581	0.3085531	1.25135	1.25135	3.30707	2.37057	0.623172	1
cg11440486	MYCBPAP	0.05532716	0.0154481	0.125596	-7.96204	0.620769	0.705941	-1.41655	0.403663	0.550645	-1.81605	0.143172	0.29991	-3.33501	0.0912042	0.113373	-8.82045	0.434539	1.74494	1.74494	0.425433	0.566494	-1.76524	0.0382353	0.180952	-5.34898	0.399842	0.547848	-1.82532	3.30707	25.534	6.86315	1
cg28302281	EHMT2;EHMT2	0.05532717	0.5775848	1.09215	1.09215	0.0245845	1.13315	1.13315	0.318072	0.8585	-1.16495	0.244005	0.851222	1.17491	0.0145966	0.6514	-1.53502	0.6512252	1.14087	1.14087	0.0922249	0.4649	-2.15124	0.0148605	0.1016	-9.84206	0.0102424	0.07481	-13.3681	0.8588	0.3065	0.0109	0.0358	1
cg14740417	COL22A1	0.05532719	0.0331098	0.311526	-3.21001	0.0534483	0.3581	-2.79252	0.0206171	0.2711103	-3.68864	0.794868	0.885169	-1.12973	0.00834755	0.206391	-4.84518	0.0983227	0.42795	-2.33672	0.668586	1.22337	1.22337	0.770336	1.14688	1.14688	0.73099	0.850809	-1.17535	3.30706	11.4787	3.08531	1
cg11222836	DENND3	0.05532815	0.1301053	0.485846	-2.06002	0.583661	1.27684	1.27684	0.0517044	0.7859362	-1.65845	0.0474648	0.367438	-2.72155	0.00344624	0.2932	-3.40968	0.2139929	0.75219	-1.32945	0.995372	1.00121	1.00121	0.0238356	0.9544045	-1.04795	0.945889	0.985365	-1.01485	3.30705	2.48031	0.666073	1
cg08216899	KCNK6	0.05532825	0.0132141	2.272702	-3.667	0.731834	0.864573	-1.15664	0.06054	0.408508	-2.44795	0.193208	0.558507	-1.79049	0.00659161	0.2248839	-4.44764	0.0400109	0.366385	-2.72937	0.152014	0.4978907	-2.00856	0.0275753	0.502482	-1.98741	0.2708404	0.5168781	1.63807	3.30704	0.3733	2.51942	1
cg16567087	UBE2QP1	0.05532833	0.7243831	1.14374	1.14374	0.738804	1.13536	1.13536	0.913772	1.04195	1.04195	0.0184469	0.338094	-2.95776	0.00285439	0.210676	-4.74662	0.334758	0.685652	-1.45847	0.9247	1.03651	1.03651	0.998384	1.00077	1.00077	0.3436007	1.44791	1.44791	3.30703	7.53796	2.02611	1
cg25376600	MYT1L	0.05532848	0.9594427	1.01243	1.01243	0.8421683	1.11871	1.11871	0.485074	0.8150551	-1.22993	0.5603184	0.942168	-1.06137	0.9012573	1.00547	1.00547	0.7839302	1.12044	1.12044	0.5139184	0.9596447	-1.04183	0.9596447	1.01487	1.01487	0.7979667	1.0777	1.0777	3.30699	0.454095	0.135799	1
cg09363539	SLC12A8	0.05532856	0.185229	0.496018	-2.01605	0.2121579	0.75721	-1.47521	0.152036	2.51069	2.51069	0.603335	0.769809	-1.29902	0.758391	0.8572951	-1.16646	0.405357	1.52938	1.52938	0.0107636	0.494842	0.494842	0.533298	0.729872	-1.3701	0.154113	0.24125	2.14125	3.30697	13.0442	3.50617	1
cg12111137	TBC1D	0.05532857	0.117614	1.96252	1.96252	0.0135061	0.92946	0.92946	0.8328	1.01991	1.01991	0.0052169	0.405924	2.46351	0.0014	0.3135137	3.186	0.5720384	0.817304	-1.22351	0.0978886	1.1814	1.1814	0.165749	0.8095058	-1.23546	0.0362188	0.1814	0.1814	0.165749	0.8095058	-1.23546	0.0362188	1
cg01568431	RASSF1;RASSF1;RASSF1;RASSF1	0.05532793	0.749341	0.936681	-1.0676	0.416371	0.844087	-1.18471	0.286988	0.79803	-1.25308	0.724287	0.930281	-1.07494	0.0992828	1.44586	1.44586	0.425602	1.1806	1.1806	0.00223068	2.39626	2.39626	0.457187	1.858482	-1.16708	0.253346	1.27562	1.27562	3.30688	2.1808	0.586199	1
cg18215217	SLITRK1;SLITRK1	0.05532808	0.166753	0.665932	-1.50166	0.0826064	0.588497	-1.69925	0.0349286	0.507693	-1.96969	0.867876	0.10699	1.04699	0.422574	1.25347	1.25347	0.133927	1.56172	1.56172	0.06373386	0.379473	-2.63523	0.552414	0.847244	-1.1803	0.811114	1.06826	1.06826	3.30685	3.98345	1.07076	1
cg02331094	CACNA1H;CACNA1H	0.05532822	0.1035282	1.49205	1.49205	0.1210438	1.54384	1.54384	0.0413379	1.1768	1.1768	0.2654551	0.8580483	-1.16756	0.2991911	0.8660201	-1.15446	0.3576641	1.81867	1.81867	0.0158414	1.54884	1.54884	0.0455604	1.30582	1.30582	0.0161601	1.01408	1.01408	3.30682	0.6391259	0.250867	1
cg19093397	FOXJ3	0.05532829	0.339232	0.597614	-1.67332	7	7	7	0.722818	1.18377	1.18377	0.602323	1.28848	1.28848	0.0153119	0.0367644	27.2002	7	7	7	0.134165	7	7	7	0.134165	2.75109	2.75109	7	7	7	0.134165	3.30681	18.0639	24.1081	0.53384	1
cg11222836	DENND3	0.05532835	0.130153	0.485846	-2.06002	0.583661	1.27684	1.27684	0.0517044	0.7859362	-1.65845	0.0474648	0.367438	-2.72155	0.00344624	0.2932	-3.40968	0.0652008	0.40088	-2.49451	0.1074648	0.2496	-4.00857	0.0182442	0.1426796	-6.24304	0.0308888	0.222921	-1.60534	3.30678	10.2417	2.74468	1
cg08181037	AGPAT5	0.05532851	0.5095554	0.963302	-1.06803	0.0944435	1.19824	1.19824	0.0301352	1.28626	1.28626	0.0543296	1.23962	1.23962	0.0603974	1.23162	1.23162	0.4052651	0.7075	1.0705	0.0236429	0.7665581	-1.30448	0.1726254	0.7125672	1.037	1.037	0.037	1.03707	1.03707	3.30675	0.5068852	0.136247	1
cg21584772	PCBP3;PCBP3	0.05532854	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. 117 vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 127 vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537T vs. 637 vs. N)	p-value(563T vs. 637 vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	Df(Error)
cg00456276	ATF1	0.0533651	0.0773804	0.493332	-2.02703	1.852874	1.06905	1.06905	0.360989	1.40208	1.40208	0.977152	0.980737	-1.01037	1.00662696	0.283107	0.35584	0.201192	0.615204	-1.62548	0.243075	0.55069	1.55069	0.021528	0.869453	-2.7067	0.9426 03	0.974419	-1.02625	1.30508	6.77972	1.82338	1
cg05434870	PTPN12;PTPN12;PTPN12	0.0533561	0.0992538	0.549065	-1.82128	0.9914421	1.8217	1.8217	0.10934	1.78467	1.78467	0.358287	0.73095	-1.36808	0.0319308	0.434293	-1.3026	0.489973	1.26195	0.858364	0.532678	-1.87731	0.0586823	0.492363	-2.03102	0.180479	0.62386	-1.60292	1.30505	5.76177	1.54962	1
cg26378982	KCNF1	0.0533565	0.0503253	4.72224	4.72224	0.767656	1.22892	1.22892	0.392507	0.5436311	-1.83948	0.114598	0.303019	-3.30013	0.135874	3.05932	3.05932	0.209248	2.51143	2.51143	0.00956466	0.101978	-9.80604	0.669281	1.34845	1.34845	0.300422	2.1098	2.1098	3.30505	25.3396	6.81505	1
cg08668833	GAK	0.0533358	0.167293	1.34822	1.34822	0.358161	0.825362	-1.21154	0.0407001	0.939556	-1.61406	0.528227	0.878361	-1.13848	0.2491617	1.27695	1.27695	0.0712922	1.6644	-1.5051	0.0114408	1.90087	1.90087	0.867546	1.03446	1.03446	0.445599	1.17079	1.17079	3.50101	2.15636	0.579957	1
cg08641796	DUSP19;DUSP19;DUSP19;DUSP19	0.0533588	0.0217263	0.619266	-1.61481	0.447063	1.1443	1.1443	0.734612	1.06097	1.06097	0.0368958	0.655993	-1.52441	0.0195983	0.661028	-1.5128	0.149317	1.30858	1.30858	0.0321992	0.64639	-1.54705	0.542809	0.898392	-1.1121	0.513855	0.895703	-1.11644	3.00499	1.58364	0.425925	1
cg24094775	TFEB;PJVC	0.0533604	0.506267	0.856876	-1.16703	0.8388823	0.559598	-1.787	0.174565	0.73838	-1.35202	0.00512012	0.428668	-2.33283	0.019457	0.523629	-1.90975	0.142775	0.697134	-1.43444	0.624493	0.893158	-1.11962	0.451775	1.19194	1.19194	0.197512	0.731584	-1.36615	3.30495	2.74578	0.738496	1
cg10594034	PPM1H	0.0533605	0.0992167	0.466679	-2.1428	0.8039058	1.11234	1.11234	0.783068	1.12342	1.12342	0.981531	1.00981	1.00981	0.00196634	0.15806	-6.32671	0.772764	0.885067	-1.12986	0.842566	0.919565	-1.08747	0.159343	0.530368	-1.88548	0.0377022	0.361881	-2.76334	3.00495	9.30754	2.50333	1
cg14905579	INSR;INSR	0.0533605	0.161738	0.90346	-1.10881	0.732871	0.976738	-1.02382	0.837399	1.02412	1.03422	0.25837	1.08444	1.08444	0.0216615	1.20902	1.20902	0.534023	0.796412	-1.25563	0.00288733	0.221527	-4.51411	0.819116	1.08792	1.08792	0.736798	1.13212	1.13212	3.35252	6.38694	1.80512	1
cg12983460	CDR1G;CDR1G;CDR1G;CDR1G	0.0533692	0.0224759	0.624723	-1.60071	0.9595131	0.991306	-1.00877	0.329266	1.28003	1.28003	0.3838507	1.31525	1.31525	0.0151225	1.74777	1.7477	0.343867	0.845251	-1.1827	0.313525	0.84163	-1.18817	0.0301234	1.0325	1.0325	0.0919044	1.37363	1.37363	3.04754	1.55011	0.416038	1
cg00318877	METTSD1;METTSD1	0.0533703	0.693805	1.10172	1.10172	0.0218745	0.509937	-1.96103	0.993217	1.00208	1.00208	0.0745858	1.62627	1.62627	0.0529885	1.71321	1.71321	0.169945	1.43029	1.43029	0.0353476	1.82203	1.82203	0.78694	0.935825	-1.06858	0.250247	0.745164	-1.34199	3.00472	3.13714	0.843815	1
cg07838096	CCNG1;CCNG1;CCNG1;CCNG1	0.0533704	0.0793693	1.27586	1.27586	0.0446605	0.465379	-2.14774	0.799042	1.10315	1.10315	0.219771	1.61824	1.61824	0.295339	0.670843	-1.49066	0.541023	0.796412	-1.25563	0.00288733	0.221527	-4.51411	0.819116	1.08792	1.08792	0.736798	1.13212	1.13212	3.35252	6.38694	1.80512	1
cg04317377	RASA3	0.0533733	0.791539	0.962421	-1.03905	0.123978	1.20356	1.03056	0.0732724	1.24876	1.24876	0.0216474	0.75588	-1.35892	0.0695023	0.797879	-1.25332	0.26272	1.13869	1.13869	0.156105	1.18384	1.18384	0.763662	0.967401	-1.0337	0.102621	2.21975	1.21975	3.30465	0.647457	0.174154	1
cg09195126	SPON1;SPON1	0.0533748	0.180403	0.791091	-1.26357	0.5355514	0.711439	1.40553	0.0966542	1.45635	1.45635	0.0120564	2.19152	2.19152	0.0784046	2.962001	2.77917	0.0206889	0.439999	-2.27273	0.0204434	0.722139	-1.38495	0.0204444	-2.49723	0.0129578	0.728522	-1.37264	3.00661	4.64208	1.22256	1
cg08737541	UBE4B;UBE4B	0.0533752	0.146123	1.44454	-2.24952	0.658757	1.25979	1.25979	0.520665	0.71297	-1.40258	0.962239	1.02491	1.02491	0.0111107	0.1912135	5.22916	0.169662	0.467605	-2.13856	0.00807856	0.171574	-5.82839	0.252047	0.537012	-1.86216	0.0242947	0.24781	-4.03535	3.0046	14.1313	3.80112	1
cg24853765	WDR47;WDR47;WDR47	0.0533754	0.639416	0.945151	-1.05803	0.1202691	0.210159	-1.22319	0.649072	1.05629	1.05629	0.0159256	0.85488	0.978353	-1.02213	0.0521547	0.767943	-1.30218	0.525763	0.926022	-1.07989	0.0176723	0.822601	1.0272	1.0272	0.499617	2.08537	1.08537	3.30459	0.747925	0.201181	1
cg19599045	SLC7A7	0.0533761	0.137284	1.11454	1.11454	0.0304222	0.815074	-1.22688	0.00578282	0.494629	-2.02172	0.702534	0.928154	-1.07741	0.0149303	0.559006	-1.78889	0.492384	0.8733	-1.14508	0.204496	0.770925	-1.29714	0.0880569	1.44171	1.44171	0.413235	0.849985	-1.17649	3.00479	1.9761	0.515152	1
cg20942097	PLCL2	0.0533677	0.917512	1.04416	1.04416	0.285196	1.58891	1.58891	0.0332735	2.82336	2.82336	0.00755712	0.238464	-4.19151	0.0949688	0.465147	-2.14986	0.329956	0.657465	-1.52099	0.276086	1.60416	1.60416	0.847344	0.922752	-1.08371	0.604301	1.24369	1.24369	3.00478	9.10753	2.44966	1
cg10582178	MAP2K1	0.0533681	?	?	?	0.0246605	0.465379	-2.14774	0.799042	1.10315	1.10315	0.219771	1.61824	1.61824	0.295339	0.670843	-1.49066	0.541023	0.796412	-1.25563	0.00288733	0.221527	-4.51411	0.819116	1.08792	1.08792	0.736798	1.13212	1.13212	3.35252	6.38694	1.80512	1
cg12983460	CDR1G	0.0533692	0.0224759	0.624723	-1.60071	0.9595131	0.991306	-1.00877	0.329266	1.28003	1.28003	0.3838507	1.31525	1.31525	0.0151225	1.74777	1.7477	0.343867	0.845251	-1.1827	0.313525	0.84163	-1.18817	0.0301234	1.0325	1.0325	0.0919044	1.37363	1.37363	3.04754	1.55011	0.416038	1
cg00318877	METTSD1;METTSD1	0.0533703	0.693805	1.10172	1.10172	0.0218745	0.509937	-1.96103	0.993217	1.00208	1.00208	0.0745858	1.62627	1.62627	0.0529885	1.71321	1.71321	0.169945	1.43029	1.43029	0.0353476	1.82203	1.82203	0.78694	0.935825	-1.06858	0.250247	0.745164	-1.34199	3.00472	3.13714	0.843815	1
cg07838096	CCNG1;CCNG1;CCNG1;CCNG1	0.0533704	0.0793693	1.27586	1.27586	0.0446605	0.465379	-2.14774	0.799042	1.10315	1.10315	0.219771	1.61824	1.61824	0.295339	0.670843	-1.49066	0.541023	0.796412	-1.25563	0.00288733	0.221527	-4.51411	0.819116	1.08792	1.08792	0.736798	1.13212	1.13212	3.35252	6.38694	1.80512	1
cg04317377	RASA3	0.0533733	0.791539	0.962421	-1.03905	0.123978	1.20356	1.03056	0.0732724	1.24876	1.24876	0.0216474	0.75588	-1.35892	0.0695023	0.797879	-1.25332	0.26272	1.13869	1.13869	0.156105	1.18384	1.18384	0.763662	0.967401	-1.0337	0.102621	2.21975	1.21975	3.30465	0.647457	0.174154	1
cg09195126	SPON1;SPON1	0.0533748	0.180403	0.791091	-1.26357	0.5355514	0.711439	1.40553	0.0966542	1.45635	1.45635	0.0120564	2.19152	2.19152	0.0784046	2.962001	2.77917	0.0206889	0.439999	-2.27273	0.0204434	0.722139	-1.38495	0.0204444	-2.49723	0.0129578	0.728522	-1.37264	3.00661	4.64208	1.22256	1
cg08737541	UBE4B;UBE4B	0.0533752	0.146123	1.44454	-2.24952	0.658757	1.25979	1.25979	0.520665	0.71297	-1.40258	0.962239	1.02491	1.02491	0.0111107	0.1912135	5.22916	0.169662	0.467605	-2.13856	0.00807856	0.171574	-5.82839	0.252047	0.537012	-1.86216	0.0242947	0.24781	-4.03535	3.0046	14.1313	3.80112	1
cg24853765	WDR47;WDR47;WDR47	0.0533754	0.639416	0.945151	-1.05803	0.1202691	0.210159	-1.22319	0.649072	1.05629	1.05629	0.0159256	0.85488	0.978353	-1.02213	0.0521547	0.767943	-1.30218	0.525763	0.926022	-1.07989	0.0176723	0.822601	1.0272	1.0272	0.499617	2.08537	1.08537	3.30459	0.747925	0.201181	1
cg19599045	SLC7A7	0.0533761	0.137284	1.11454	1.11454	0.0304222	0.815074	-1.22688	0.00578282	0.494629	-2.02172	0.702534	0.928154	-1.07741	0.0149303	0.559006	-1.78889	0.492384	0.8733	-1.14508	0.204496	0.770925	-1.29714	0.0880569	1.44171	1.44171	0.413235	0.849985	-1.17649	3.00479	1.9761	0.515152	1
cg10747173	LDNRF1	0.0533773	0.346072	0.799053	-1.25148	0.0955556	0.654885	-1.52699	0.468152	1.18608	1.18608	0.668536	0.905222	-1.1047	0.636123	1.11648	1.11648	0.793038	1.06267	1.06267	0.0020692	0.366873	-2.72574	0.212875	1.35431	1.35431	0.593911	1.13248	1.13248	3.00455	2.79716	0.752406	1
cg08239906	RNF126	0.0533781	0.784685	1.05534	1.05534	0.0446432	0.446152	-1.88255	0.648853	1.07403	1.07403	0.374807	1.36079	1.36079	0.258162	1.26121	1.26121	0.0100931	0.579613	1.72546	0.0140902	0.0156408	0.489502	-2.04289	0.543295	1.84025	1.84025	0.0209455	0.0209455	3.00455	0.544614	0.154614	1
cg17539239	PIKCG	0.0533782	0.672094	0.874633	-1.14334	0.0196466	0.411969	-2.42737	0.660462	0.87016	-1.14921	0.043922	0.482621	-2.07202	0.00453612	0.304315	-3.28607	0.849069	1.06177	1.06177	0.737115	1.11154	1.11154	0.670093	1.14434	1.14434	0.400155	0.577796	1.73071	1.30453	1.18069	1.39356	1
cg10218079	CPN2	0.0533784	0.85473	1.03129	1.03129	0.711892	0.939535	-1.06436	0.472775	0.8844455	-1.13064	0.840925	0.966776	-1.03437	0.418052	0.875466	-1.14225	0.292957	1.20134	1.20134	0.00184789	2.10276	2.10276	0.138557	0.76483	-1.30748	0.452318	0.879204	-1.13739	3.00452	1.47954	0.397584	1
cg02057838	TSPY2	0.0533788	0.215123	2.78014	2.78014	0.0349	1.04049	1.04049	0.940719	1.04049	1.04049	0.940719	1.36959	?	0.301473	1.36959	?	0.819646	1.19435	1.19435	0.560916	?	1.58067	0.592532	1.52267	1.52267	0.179628	1.82164	1.82164	3.00423	0.640023	0.28914	1
cg20630151	BPESC1	0.0533804	0.406431	0.795959	-1.25635	0.1348318	0.439615	-2.27472	0.863838	0.780272	-1.28161	0.7328651	1.09553	1.09553	0.2685579	0.733723	-1.36203	0.689848	0.897822	-1.11381	0.0328651	0.332078	-3.01135	0.463053	1.22227	1.22227	0.909106	1.03116	1.03116	3.00448	3.77862	1.01643	1
cg01176748	HAUS4;HAUS4;HAUS4	0.0533804	0.0023884	0.596728	-2.52062	2.03077	0.759914	-1.31594	0.261338	1.1744	-1.29149	0.156625	0.718303	-1.39217	0.0180605	0.573523	-1.74349	0.0260314	0.504633	0.777983	-1.28564	0.0433	-2.30925	0.0177502	0.0250301	0.789072	-1.26751	0.0250301	0.789072	-1.26751	3.00452	2.49567	0.671325	1
cg17761265	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.0533805	0.995588	1.01151	1.01151	0.0990006	0.686744	-1.45615	0.0950747	0.544372	-1.83696	0.556753	1.19234	1.19234	0.0119274	0.1412845	7.08145	0.317089	1.21158	1.21158	0.0070873	0.64049	1.56049	0.087505	0.827787	-1.07783	0.799638	1.05083	1.05083	3.00447	1.79926	0.483994	1
cg00564674	OPRL1;OPRL1;OPRL1	0.0533827	0.0434343	0.510187	-1.9593	0.840521	1.05643	1.05643	0.676994	0.585233	1.70872	0.450651	1.24234	1.24234	0.0175455	2.204323	2.204323	0.292307	1.36472	1.36472	0.07863	1.70264	1.70264	0.252159	0.721871	-1.38529	0.248826	0.720265	-1.38877	3.00442	3.38876	1.045	1
cg04556210	GPR77	0.0533845	0.669168	0.919683	-1.08733	0.322832	1.22008	1.22008	0.0620002	0.664096	-1.50581	0.449624	0.86065	-1.16191	0.267394	0.798472	-1.25239	0.0569207	1.52147	1.52147	0.0810533	1.45758	1.45758	0.457895	1.15864	1.15864	0.0157741	0.562034	-1.77925	3.00438	1.98565	0.534147	1
cg08845078	WWP2;WWP2	0.0533851	0.0511556	1.97007	1.97007	0.0243662	0.21676	-2.27176	0.763618	1.31088	1.09411	0.0641247	0.662031	-1.5105	0.0905414	0.663034	-1.50798	0.468227	0.799708	-1.25123	0.741467	1.10648	1.10648	0.647045	0.972512	-1.02826	0.912262	1.09737	-1.02826	0.912262	0.655657	-1.52519	3.00437	0.485025	0.151684	1
cg18597411	CUL1	0.0533862	0.134616	0.43382	-2.30489	0.0113639	0.193899	-5.15733	0.0911439	0.383168	-2.6201	0.290585	0.5668	-1.76429	0.0446728	0.303251	1.29759	0.218734	0.511905	-1.95349	0.0364739	0.284101	-3.51987	0.0900175	0.179326	-5.57644	0.0639869	0.340396	-2.93776	0.34034	14.0234	3.77238	1
cg14580287	PRTFDC1	0.0533862	?	?	?	0.605678	1.13489	1.13489	0.267984	1.3236	1.3236	0.379859	0.803417	-1.24668	0.00416118	0.393284	-2.54269	0.197932	1.39186	1.39186	0.50911	1.17672	1.17672	0.492767	1.18443	1.18443	0.113187	0.65779	-1.52024	3.35207	2.786	0.831128	1
cg14557954	PTCD3	0.0533863	0.161442	0.428006	-2.33641	0.7704	1.37977	1.37977	0.0118809	1.2307181	-1.42666	0.0876554	0.7248	-1.38079	0.2658162	1.26121	1.26121	0.0100931	0.579613	1.72546	0.0140902	0.0156408	0.489502	-2.04289	0.543295	1.84025	1.84025	0.0209455	0.0209455	3.00455	0.544614	0.154614	1
cg26307814	PIK3CD	0.0533867	0.0330455	0.262433	-3.8105	0.183819	0.467175	-2.13114	0.773617	0.856591	-1.16742	0.192834	0.477253	-2.09152	0.0107157	0.204507	-4.8898	0.36102	0.604125	-1.65529	0.0457518	0.113818	-7.58624	0.709884	1.22309	1.22309	0.136331	0.422562	-2.36652	3.30433	15.0754	4.0554	1
cg06582103	EZR;EZR	0.0533874	0.0482652	0.574762	-2.03988	0.5670388	0.602832	-1.66026	0.429258	0.6929787	-1.44355	0.0344639	0.492382	-2.03147	0.0180722	0.336414	-2.97218	0.0414612	0.625376	1.59805	0.013326	0.107865	-9.27243	0.0356827	0.1964	-5.09166	0.0113404	0.195157	5.12405	3.00425	1.52625	0.240919	1
cg12159213	FNDC3A; ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI M2;ABLIM2	0.0533874	0.0269599	0.241352	-4.14333	0.321407	0.573557	-1.74351	0.692098	0.805744	-1.24109	0.132447	0.414361	-2.41335	0.00423533	0.125235	-7.98499	0.306695	1.77579	1.77579	0.668822	1.26303	1.26303	0.461019	0.665481	-1.50267	0.0605511	0.317175	-3.15283	3.00431	1.45	0.14544	1
cg19676285	M2;ABLIM2	0.0533889	0.248743	0.643616	-1.55372	0.163788	0.580943	-1.72134	0.00358249	0.236489	-4.22853	0.0691409	0.475566	-2.10276	0.0134153	0.3268	-3.05997	0.683781	0.86099	-1.16145	0.958934	0.981356	-1.0119	0.337577	0.696745	-1.43524	0.0693885	0.475953	-2.10105	3.00428	6.99076	1.8806	1
cg11343713	ADCY1	0.0533893	0.0316129	0.346759	-2.88385	0.835419	1.09137	1.09137	0.927105	1.03921	1.03921	0.50365	0.751848	-1.33006	0.00697954	0.230723	-4.3342	0.0124222	0.270466	-3.69732	0.0971434	0.465264	-2.14932	0.587253	0.794262	-1.25903	0.104516	0.474382	-2.108	3.00426	9.24323	2.48655	1
cg19321567	GADD45G	0.0533902	0.0941984	1.25196	1.25196	0.0475795	1.24254	1.24254	0.0462407	0.9645	-1.03677	0.958283	1.04619	-1.04619	0.356382	1.09251	1.09251	0.0290984	0.615243	1.62509	0.0354	0.0373	-26.8107	0.0204	0.079775	-1.28242	0.05047	1.23828	1.23828	0.0846384	1.20064	1.20064	0.152402	1
cg25583503	UGT2B7	0.0533912	0.160034	1.37287	1.37287	0.512737	0.869226	-1.15045	0.133378	0.710485	-1.40749	0.367886	0.822618	-1.21563	0.0163766	0.538243	-1.8579	0.046332	0.617646	-1.61905	0.568998	1.12921	1.12921	0.769158	1.0641	1.0641	0.0135109	0.524437	-1.90681	3.00422	3.32328	0.627448	1
cg00286104	FAM110A;FAM110A	0.0533913	0.0264115	0.44555	-4.49299	0.998806	12.7009	12.7009	0.0457557	5.62296	5.62296	0.469993	1.75083	1.75083	0.0599399	5.06124	5.06124	0.0604057	5.03875	5.03875	0.0705359	4.66511	4.66511	0.0615385	9.71916	9.71916	0.0090781	4.00545	4.00545	3.00422	30.1868	8.17466	1
cg15264725	PC;PC;PC	0.0533937	0.981233	0.993353	-1.00467	0.0432703	0.631071	-1.58461	0.0816417	0.559794	-1.78637	0.0892359	0.449226	-2.44929	0.07362288	0.673748	-1.48423	0.183327	1.32253	1.32253	?	0.4849	2.06243	0.471737	0.865066	-1.15598	0.596123	0.899505	-1.11172	3.35189	1.85013	0.551967	1
cg12077460	MYHAS1	0.0533955	0.344505	0.636665	-1.57069	0.0733352	0.52428	2.52428	0.0966748	2.3295	2.3295	0.622128	0.794252	-1.25905	0.0605815	0.195394	-5.11787	0.228023	1.79811	1.79811	0.55354	0.75737	-1.32036	0.71992	1.18618	1.18618	0.15691	0.495574	-2.01786	3.00424	11.2524	3.02716	1
cg00995086	PHOX2	0.0533957	0.0979186	0.655977	-1.52457	0.1109655	0.36305	-2.75407	0.0849439	0.609926	-1.64054	0.433	0.931792	1.0305	0.0214328	0.2828488	-3.53554	0.21397	0.631767	-1.58284	0.0314546	0.284338	-3.51697	0.0496564	-2.01444	0.864338	0.941747	-1.06186	0.198819	0.620785	-1.61088	3.00404	0.643011	0.173416	1
cg09646541	KATNB1;KATNB1	0.0533987	?	?	?	0.0924442	2.35662	2.35662	0.722076	0.849612	-1.17701	0.0194584	0.265051	-3.77285	?	?	?	?	?	?	0.150342	2.03543	2.03543	?	?	0.23674	1.76723	1.76723	3.85937	6.91372	2.50798	1
cg20709622	TICAM1	0.0533994	0.953559	1.00838	1.00838	0.0179502	1.51026	1.51026	0.122739	1.27092	1.27092	0.155476	1.24272	1.24272	0.401526	1.13099	1.13099	0.736998	1.04951	1.04951	0.00759253	0.610802	-1.63719	0.6911	1.05803	1.05803	0.0076316	1.0555	1.0555	3.00402	1.07547	0.289337	1
cg03930474	ING4;ING4;ING4;ING4;ING4	0.0533995	0.0169116	0.624059	-1.61171	0.638273	0.925365	-1.08065	0.103103	0.746708	-1.33921	0.32183	1.18253	1.18253	0.498356	1.11918	1.11918	0.427492	1.14192	1.14192	0.0161956	0.617666	-1.619	0.0506687	0.694352	-1.44019	0.554362	1.10293	1.10293	3.00402	1.40417	0.377767	1
cg14913304	TRIM59;TRIM59	0.0534	0.141902	5.71352	5.71352	0.693614	0.645982	-1.54803	0.0339616	15.3639	15.3639	0.0336216	15.4706	15.4706	0.71248	0.6646436	-1.50458	0.244901	3.82845	3.82845	0.980688	1.02707	1.02707	0.0420738	68.7497	68.7497	0.145183	5.62112	5.62112	3.0041	63.7377	17.1476	1
cg00737596	GCM2	0.0534004	0.0182012	0.31242	-3.2548	0.2047131	0.294731	-3.39292	0.0204677	0.4602	-2.17391	0.0148205	0.164815	-6.06695	0.0104838	0.2482115	-4.02882	0.0350449	0.1618985	6.17442	0.0162094	0.0454	-22.0346	0.0222362	0.37	2.70497	0.0605562	0.210497	-4.75066	0.0295015	0.015146	6.60343	3.004	28.377	7.63437	1
cg12905273	KIFC1;KIFC1	0.0534005	0.0566978	1.67017	1.67017	0.98467	1.00046	1.00046	0.714649	1.09125	1.09125	0.622441	1.12527	1.12527	0.139739	0.685317	-1.45918	0.633057	0.891616	-1.12156	0.00254276	0.369972	-2.70715	0.417117	0.821031	-1.21798	0.938143	1.01863	1.01863	3.004	2.95898	0.796066	1
cg03101116	ANKRD17;ANKRD17	0.0534019	0.774031	1.1411	1.1411	0.0443377	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	0.0	0.0	-1.#INF	3.00401	0.0	0.0	1
cg24195160	LOC349114	0.0534021	0.929963	1.02121	1.02121	0.28301	0.766143	-1.30524	0.0226299	0.521098	-1.91902	0.548611	1.15598	1.15598	0.236067	0.74341	1.34515	0.809768	1.05928	1.05928	0.00479801	0.406095	-2.44442	0.542387	1.15866	1.15866	0.0474387	0.581849	-1.71866	3.00396	2.98415	0.802848	1
cg07818869	TRIM3;TRIM3	0.0534031	0.0960204	1.4067	1.4067	0.692311	1.07708	1.07708	0.446827	1.1506	1.15506	0.729288	0.937203	-1.06701	0.0498572	0.658638	-1.51828	0.262523	0.804055	-1.2437	0.0402033	0.54034	1.54034	0.104055	1.82522	1.82522	0.49689	1.13743	1.13743	3.00394	1.8236	0.49062	1
cg23606623	BAMCC1	0.0534031	0.0367409	0.481308	-2.07707	0.2072	1.44449	1.44449	0.0404757	1.57105	1.57105	0.645121	0.931514	-1.20263	0.223483	0.7604077	-1.31509	0.784628	0.920779	-1.08602	0.0504	0.0623	-16.0564	0.0274337	0.494342	-2.02288	0.351455	0.7428	0.74957	-1.33498	0.168126	1.59027	0.35004	0.47485	1.2779	1
cg01961222	TSPAN18;TSPAN18	0.0534004	0.173146	0.767037	-1.30372	0.154112	0.3248	1.3248	0.888239	1.02606	1.02606	0.229508	0.79397	-1.25949	0.589

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05606455	HECW1	0.0534858	0.335618	1.84933	1.84933	0.0052008	9.81161	9.81161	0.985864	1.01103	1.01103	0.826191	0.872684	-1.14589	0.0415789	0.233417	-4.28417	0.259808	2.07069	2.07069	0.180485	0.414527	-2.41239	0.168889	2.47861	2.47861	0.631508	1.34881	1.34881	3.30197	20.0524	5.39808	1
cg15038931	PCF11	0.0534869	0.498134	0.785081	-1.27375	0.151051	1.71837	1.71837	0.0899815	0.518138	-1.92999	0.557892	0.811799	-1.23183	0.303487	0.687301	-1.45497	0.00404776	0.257156	-3.88869	0.361159	0.718729	-1.39135	0.489046	1.28053	1.28053	0.139831	1.74883	1.74883	3.30195	6.47362	1.74271	1
cg06685437	RAI1	0.0534879	0.327362	1.63694	1.63694	0.0220234	3.81427	3.81427	0.0401859	3.17586	3.17586	0.052058	2.93652	2.93652	0.753553	0.857686	-1.16593	0.069124	2.69471	2.69471	0.0115755	4.65906	4.65906	0.0477106	3.01505	3.01505	0.093913	2.4542	2.4542	3.30192	12.4246	3.34474	1
cg04982834	EVI5	0.0534892	0.0521046	1.82862	1.82862	0.542463	0.844995	-1.18344	0.0167761	0.450526	-2.21963	0.605958	0.867493	-1.15275	0.383469	0.783387	-1.27651	0.160774	0.664157	-1.50567	0.00831182	0.397896	-2.51322	0.962123	1.01306	1.01306	0.742181	0.913768	-1.09437	3.30189	3.90238	1.05054	1
cg20966972	MYST3;MYST3;MYST3;MYST3;MYST3;MYST3	0.0534909	0.667799	0.952096	-1.05031	0.27578	1.13758	1.13758	0.095119	1.23184	1.23184	0.965933	0.995156	-1.00487	0.719192	1.0419	1.0419	0.0159536	0.714973	-1.39865	0.0362417	0.758162	-1.31898	0.741578	1.03834	1.03834	0.0431575	1.3028	1.3028	3.30185	0.676033	0.181994	1
cg24946253	PXDNL	0.0534943	0.0466446	1.91444	1.91444	0.0388687	1.97727	1.97727	0.641551	1.14299	1.14299	0.066473	1.79801	1.79801	0.560873	0.845671	-1.18249	0.140386	1.57166	1.57166	0.0139947	2.37516	2.37516	0.0212835	2.20136	2.20136	0.648917	0.877517	-1.13958	3.30177	4.24932	1.14398	1
cg06340365	KLHDC4	0.0534945	0.350799	0.840797	-1.18935	0.0059967	1.91263	1.91263	0.00653227	1.89287	1.89287	0.270857	1.22998	1.22998	0.388914	1.17285	1.17285	0.245049	1.24554	1.24554	0.878135	1.02809	1.02809	0.554835	1.11389	1.11389	0.691891	0.930602	-1.07457	3.30177	1.70501	0.459015	1
cg10883612	WNT2B;WNT2B	0.053495	0.116368	1.34704	1.34704	0.0773861	0.7098	-1.40885	0.172372	1.28864	1.28864	0.162639	1.29724	1.29724	0.0146293	1.69023	1.69023	0.0187737	1.644	1.644	0.0884999	1.38833	1.38833	0.52148	1.12013	1.12013	0.785197	1.04885	1.04885	3.30176	1.59402	0.429136	1
cg05037622	JPH2;JPH2	0.0534952	0.0657472	0.367811	-2.71879	0.867762	0.922455	-1.08406	0.0453964	0.329014	-3.03938	0.0789714	0.388752	-2.57233	0.00504621	0.165925	-6.02682	0.332039	0.615864	-1.62374	0.0272083	0.281936	-3.54691	0.193068	0.513156	-1.94872	0.0462054	0.330767	-3.02328	3.30175	12.2687	3.30294	1
cg14930471	AIFM2	0.0534964	0.173434	0.700811	-1.42692	0.00718038	0.426616	-2.34403	0.00714783	0.426299	-2.34577	0.423909	1.22197	1.22197	0.521008	0.85242	-1.17313	0.758738	0.927171	-1.07855	0.64924	1.11895	1.11895	0.829226	0.948361	-1.05445	0.107639	0.64988	-1.53875	3.30172	3.15045	0.848165	1
cg00992159	DEGS2	0.0534971	0.0302075	0.326536	-3.06245	0.169987	1.90007	1.90007	0.725499	0.856573	-1.16744	0.958694	0.977511	-1.02301	0.369307	0.667026	-1.49919	0.943814	1.03144	1.03144	0.0026744	0.161483	-6.1926	0.628609	1.23868	1.23868	0.454196	0.715471	-1.39768	3.30171	10.0854	2.71521	1
cg18399451	ATXN1;ATXN1	0.053498	0.0298482	0.326068	-3.06685	0.0229331	0.303295	-3.29712	0.00909886	0.233865	-4.27598	0.711037	0.849462	-1.17722	0.0391171	0.351059	-2.84852	0.485697	0.733008	-1.36424	0.290263	0.618027	-1.61805	0.290902	1.61695	1.61695	0.560207	0.772388	-1.29469	3.30168	10.0522	2.70629	1
cg01625621	AVEN;CHRM5	0.0534981	0.0130806	0.317644	-3.14818	0.701841	0.86648	-1.1541	0.26461	1.54219	1.54219	0.0289411	0.383092	-2.61034	0.0576174	0.449362	-2.22538	0.0469646	0.428602	-2.33317	0.0486686	0.43215	-2.31401	0.181111	0.589194	-1.69724	0.155321	0.567485	-1.76216	3.30168	7.25884	1.95425	1
cg13369831	KIFC1	0.0534982	0.97883	1.00713	1.00713	0.0458286	1.84531	1.84531	0.553656	0.851846	-1.17392	0.825187	1.06099	1.06099	0.00689848	0.392199	-2.54972	0.0323399	0.51137	-1.95553	0.401993	0.794887	-1.25804	0.308999	1.32548	1.32548	0.840225	0.94741	-1.05551	3.30168	3.74539	1.00835	1
cg08808720	KIF5C;MIR1978	0.0534986	0.331717	1.70979	1.70979	0.011346	5.46212	5.46212	0.012329	5.30707	5.30707	0.482802	1.46525	1.46525	0.0511606	0.304384	-3.28532	0.773902	1.16681	1.16681	0.214232	2.01449	2.01449	0.358211	1.65871	1.65871	0.935668	0.957684	-1.04419	3.30167	15.0005	4.03848	1
cg09851528	TMPRSS13	0.0534988	0.0608614	3.11133	3.11133	0.192165	2.09929	2.09929	0.740036	0.836209	-1.19587	0.0750139	2.9011	2.9011	0.223714	0.503241	-1.98712	0.606756	1.32168	1.32168	0.831294	0.891717	-1.12143	0.0168729	4.78742	4.78742	0.0111518	5.52288	5.52288	3.30166	15.0897	4.06252	1
cg08247583	FCGR1B;FCGR1B	0.0534995	0.595619	1.19246	1.19246	0.185038	1.58712	1.58712	0.0130717	0.363613	-2.75018	0.996203	0.998437	-1.00157	0.0765483	0.523401	-1.91058	0.789922	1.09171	1.09171	0.0627524	0.502526	-1.98995	0.0757661	1.91461	1.91461	0.160676	0.611135	-1.6363	3.30165	5.64702	1.52032	1
cg23347400	RBM4B	0.0535006	0.590029	0.90169	-1.10903	0.0590097	1.50027	1.50027	0.675856	1.08329	1.08329	0.733359	0.937017	-1.06722	0.597818	0.903678	-1.10659	0.906813	1.02253	1.02253	0.00203467	0.437124	-2.28768	0.691483	0.926921	-1.07884	0.341055	1.20521	1.20521	3.30162	1.89266	0.509556	1
cg26463908	HSD11B1L;C19orf70;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.0535008	0.902168	0.916715	-1.09085	0.0172363	0.0739439	-13.5238	0.328872	0.478089	-2.09166	0.778254	1.22152	1.22152	0.0105726	0.0493153	-20.2777	0.074958	4.90036	4.90036	?	?	?	0.462547	0.583256	-1.71451	0.82396	0.854069	-1.17087	5.8046	35.5399	3.06136	1
cg17162475	C6orf150	0.0535018	0.0225113	0.299265	-3.34152	0.687121	0.836317	-1.19572	0.0607964	0.393335	-2.54236	0.0230498	0.301236	-3.31966	0.00824282	0.224978	-4.44487	0.092567	0.441685	-2.26405	0.03687	0.342921	-2.91612	0.189036	0.541031	-1.84832	0.290073	0.615854	-1.62376	3.30159	10.191	2.74372	1
cg00226265	EGFL8	0.0535035	0.344938	1.46092	1.46092	0.0133314	3.30251	3.30251	0.686324	0.853674	-1.17141	0.376777	0.702277	-1.42394	0.711491	1.15577	1.15577	0.081928	0.471831	-2.11941	0.0230293	2.88438	2.88438	0.0732051	2.17831	2.17831	0.274156	1.55801	1.55801	3.30155	7.93994	2.1377	1
cg20139898	PDIK1L;PDIK1L;PDIK1L	0.0535038	0.0934341	2.27058	2.27058	0.386256	0.673855	-1.484	0.267946	1.67005	1.67005	0.0676467	2.48389	2.48389	0.243723	1.71957	1.71957	0.0569822	2.60452	2.60452	0.0266988	0.311321	-3.21211	0.12492	2.09221	2.09221	0.085656	2.32633	2.32633	3.30155	10.328	2.78066	1
cg18331325	TJP3	0.0535055	0.318342	0.794454	-1.25873	0.0829878	0.651646	-1.53458	0.0865453	0.655482	-1.5256	0.375798	0.816454	-1.22481	0.00364287	0.415812	-2.40493	0.489423	0.854998	-1.16959	0.00846014	0.472346	-2.11709	0.371415	0.814848	-1.22722	0.137721	0.700042	-1.42849	3.30151	2.60261	0.700721	1
cg14645926	FZD6;FZD6;FZD6	0.0535057	0.0435057	0.480678	-2.0804	0.933785	1.02657	1.02657	0.469395	0.792736	-1.26145	0.149825	0.61433	-1.62779	0.0018584	0.248175	-4.02942	0.943026	0.977698	-1.02281	0.728103	1.11643	1.11643	0.346263	0.736331	-1.35808	0.0855875	0.549012	-1.82145	3.3015	5.20679	1.40186	1
cg17565490	CENPB	0.0535064	0.0572773	0.785406	-1.27323	0.535364	1.07305	1.07305	0.261515	1.14055	1.14055	0.0294597	0.749767	-1.33375	0.101816	0.817785	-1.22281	0.758086	0.965897	-1.03531	0.112156	0.823431	-1.21443	0.0893282	1.23418	1.23418	0.11648	1.21115	1.21115	3.30149	0.659605	0.177591	1
cg15003182	DDC;DDC	0.0535066	0.524576	0.918779	-1.0884	0.940514	1.00985	1.00985	0.0235135	1.42675	1.42675	0.14567	0.814463	-1.2278	0.0819693	0.776325	-1.28812	0.139477	0.811466	-1.23234	0.920301	1.01323	1.01323	0.0637987	1.31485	1.31485	0.0612682	1.31921	1.31921	3.30148	0.902375	0.242955	1
cg19830270	ZNF208	0.0535066	0.188842	1.78633	1.78633	0.370113	1.46752	1.46752	0.256804	0.610643	-1.63762	0.286912	0.630754	-1.5854	0.0496003	0.393162	-2.54348	0.191895	0.562301	-1.77841	0.070026	0.429911	-2.32606	0.0169178	3.36753	3.36753	0.344059	0.666189	-1.50108	3.30148	9.08129	2.44504	1
cg22967516	IREB2	0.0535072	0.35085	0.862106	-1.15995	0.530159	0.906406	-1.10326	0.0100245	0.605142	-1.6525	0.0218389	0.653621	-1.52994	0.576147	0.916428	-1.09119	0.895271	0.979854	-1.02056	0.120417	1.29731	1.29731	0.0416372	0.695632	-1.43754	0.427657	1.13331	1.13331	3.30147	1.24852	0.336151	1
cg26592208	DAGLA	0.0535079	0.457856	0.930568	-1.07461	0.156132	1.15537	1.15537	0.0668164	1.21604	1.21604	0.241598	1.12375	1.12375	0.0815788	0.832155	-1.2017	0.799402	0.976053	-1.02453	0.00656047	1.39948	1.39948	0.245146	1.12268	1.12268	0.42856	0.925955	-1.07997	3.30145	0.473756	0.127555	1
cg07516946	FKBP1A;FKBP1A	0.0535083	0.138205	0.80354	-1.24449	0.953327	1.00805	1.00805	0.0144016	1.51184	1.51184	0.327606	1.14852	1.14852	0.034192	1.40304	1.40304	0.08138	0.767423	-1.30306	0.278497	0.856918	-1.16697	0.504322	1.09729	1.09729	0.32779	0.870733	-1.14846	3.30144	0.981839	0.264353	1
cg03096732	SLC16A11	0.0535084	0.163992	2.59117	2.59117	0.178374	2.501	2.501	0.175045	2.521	2.521	0.183588	2.47064	2.47064	0.673594	0.762156	-1.31207	0.213789	2.31453	2.31453	0.00400677	11.9305	11.9305	0.0115829	7.56598	7.56598	0.095671	3.23281	3.23281	3.30144	21.49	5.78603	1
cg09337391	ZMYND8;ZMYND8;ZMYND8	0.0535084	0.355643	0.742284	-1.34719	0.0363816	2.14471	2.14471	0.0355471	2.15444	2.15444	0.850914	1.06079	1.06079	0.170361	0.632553	-1.58089	0.48031	0.798484	-1.25237	0.0197484	0.413517	-2.41828	0.237288	1.47453	1.47453	0.649521	1.1543	1.1543	3.30144	5.14409	1.38501	1
cg22249529	KLHDC7B	0.0535097	0.0133674	8.44947	8.44947	0.540202	1.54016	1.54016	0.17886	2.70377	2.70377	0.0848139	3.77136	3.77136	0.0457031	4.93101	4.93101	0.321614	0.490088	-2.04045	0.0462574	4.90536	4.90536	0.207094	2.52603	2.52603	0.0163172	7.73079	7.73079	3.30141	25.3638	6.82909	1
cg04803465	TBC1D10B	0.0535097	0.402072	0.811666	-1.23203	0.771185	1.07353	1.07353	0.970985	1.00889	1.00889	0.670482	1.10976	1.10976	0.00830043	2.27293	2.27293	0.036763	0.554151	-1.80456	0.800756	0.940325	-1.06346	0.776866	1.07158	1.07158	0.0269178	0.528544	-1.89199	3.30141	3.09558	0.833471	1
cg07613945	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB6;PCDHGB4;PCDHGA3;PCDHGA2	0.0535115	0.0323342	9.57373	9.57373	0.0214315	12.077	12.077	0.676476	1.45977	1.45977	0.202355	3.36466	3.36466	0.0424025	8.2236	8.2236	0.290475	0.371982	-2.6883	0.00958068	19.2372	19.2372	0.539902	1.74962	1.74962	0.29759	2.64687	2.64687	3.30136	42.4865	11.4394	1
cg23031518	SPATA7;SPATA7	0.0535117	0.507288	0.880913	-1.13519	0.851992	1.03583	1.03583	0.0407677	1.56075	1.56075	0.837414	0.962013	-1.03949	0.579169	1.11137	1.11137	0.0460803	0.649973	-1.53853	0.19841	0.774001	-1.29199	0.0186004	1.71222	1.71222	0.089828	0.702971	-1.42253	3.30136	1.8575	0.500132	1
cg15747133	THOC1	0.0535127	0.449975	0.807867	-1.23783	0.0320786	2.00561	2.00561	0.0721577	1.74411	1.74411	0.571329	0.853376	-1.17182	0.969325	0.989399	-1.01071	0.346995	1.30787	1.30787	0.011745	0.417952	-2.39262	0.185188	1.47615	1.47615	0.202358	1.45217	1.45217	3.30133	4.01648	1.08144	1
cg18021161	C15orf27	0.053513	0.0531942	0.204179	-4.89766	0.0263049	0.1487	-6.72494	0.195696	2.69048	2.69048	0.814549	1.18524	1.18524	0.0092455	0.0916893	-10.9064	0.108737	0.282162	-3.54407	0.142169	0.319406	-3.13081	0.141156	0.318342	-3.14127	0.296849	0.457356	-2.18648	3.30133	27.3521	7.36461	1
cg09566302	ORAI3	0.0535139	0.0903127	0.584822	-1.70992	0.0694763	0.557888	-1.79248	0.755832	1.09379	1.09379	0.847162	1.05703	1.05703	0.0121167	0.407035	-2.45679	0.105083	0.601093	-1.66363	0.0340204	0.491076	-2.03635	0.152477	1.55346	1.55346	0.628086	1.15062	1.15062	3.30131	4.31898	1.1629	1
cg23845646	PIF1	0.0535141	0.874833	1.07229	1.07229	0.56504	0.772947	-1.29375	0.0411231	0.352258	-2.83883	0.857072	1.0831	1.0831	0.83107	1.09921	1.09921	0.00585351	0.202423	-4.94014	0.0293235	0.320895	-3.11628	0.033726	0.333535	-2.99819	0.18439	0.536108	-1.86529	3.3013	10.2509	2.76009	1
cg23715435	HIST1H4B	0.0535155	0.916337	1.0846	1.0846	?	?	?	0.0780353	4.65663	4.65663	0.606423	1.49501	1.49501	0.00329914	0.0386165	-25.8957	0.715692	1.32693	1.32693	0.823711	0.841584	-1.18823	0.453912	1.80617	1.80617	0.284382	2.37366	2.37366	3.62213	29.8119	7.20168	1
cg03538814	LSM14A;LSM14A	0.0535165	0.140384	0.482269	-2.07353	0.085064	2.39995	2.39995	0.0327376	3.154	3.154	0.688148	1.20383	1.20383	0.237469	0.566088	-1.76651	0.671062	0.821673	-1.21703	0.0216546	0.281479	-3.55266	0.12084	2.16727	2.16727	0.517702	0.739675	-1.35195	3.30124	11.0527	2.97603	1
cg06506523	MEGF10	0.0535197	0.142434	0.347695	-2.87609	0.0501951	0.224049	-4.46331	0.137148	0.34206	-2.92346	0.510148	1.56457	1.56457	0.0638573	0.247668	-4.03766	0.590548	0.694944	-1.43896	0.0816736	3.643	3.643	0.0284046	5.65909	5.65909	0.66487	0.746749	-1.33914	3.30117	23.4704	6.31976	1
cg27160395	HOXD4;MIR10B	0.0535203	0.0614414	10.9822	10.9822	0.0259221	20.2291	20.2291	0.0600179	11.1657	11.1657	0.761718	0.707606	-1.41322	0.0452137	13.6387	13.6387	0.0636212	10.7147	10.7147	0.00983804	40.8827	40.8827	0.0785918	9.2236	9.2236	0.140328	6.07457	6.07457	3.30116	67.6213	18.2081	1
cg19440299	TIGIT	0.0535204	0.141022	0.749511	-1.3342	0.377549	0.847977	-1.17928	0.0164357	0.586276	-1.70568	0.887536	0.974558	-1.02611	0.00974004	0.551324	-1.81382	0.550626	1.11625	1.11625	0.0137542	0.574239	-1.74144	0.833676	1.03904	1.03904	0.490541	0.880254	-1.13604	3.30115	1.73418	0.466957	1
cg05977002	FLJ42709;FLJ42709	0.0535214	0.137027	3.69348	3.69348	0.449928	1.8739	1.8739	0.676122	0.709835	-1.40878	0.796664	1.23446	1.23446	0.123066	3.90704	3.90704	0.165575	3.34129	3.34129	0.00210026	34.1011	34.1011	0.0317204	7.79926	7.79926	0.186221	3.13673	3.13673	3.30113	34.7904	9.36794	1
cg16144293	EIF2B2	0.0535232	0.0201107	0.427364	-2.33992	0.066892	1.86416	1.86416	0.165802	0.638835	-1.56535	0.0312597	0.464771	-2.1516	0.186163	1.52953	1.52953	0.224099	1.47288	1.47288	0.684921	1.13166	1.13166	0.815048	0.931419	-1.07363	0.409218	1.29163	1.29163	3.30109	4.80613	1.29415	1
cg23559689	GRIA4;GRIA4;GRIA4;GRIA4	0.0535236	0.979499	1.00739	1.00739	0.402778	1.27816	1.27816	0.212597	1.45687	1.45687	0.612011	0.863633	-1.1579	0.184147	1.49752	1.49752	0.00689362	0.366935	-2.72528	0.062291	1.82485	1.82485	0.165074	0.654128	-1.52875	0.221936	0.692151	-1.44477	3.30108	4.2953	1.1566	1
cg13052887	SH2D6	0.0535238	0.456001	0.900653	-1.11031	0.0886619	0.771951	-1.29542	0.0322585	0.707809	-1.41281	0.0624943	1.335	1.335	0.109405	0.786188	-1.27196	0.218577	1.19524	1.19524	0.598961	0.929474	-1.07588	0.0726123	1.31792	1.31792	0.185451	0.824055	-1.21351	3.30107	0.993034	0.267397	1
cg20673721	KSR1	0.0535243	0.0374296	1.64948	1.64948	0.18632	0.748005	-1.33689	0.0291285	0.586935	-1.70377	0.159147	0.732105	-1.36592	0.430185	1.1816	1.1816	0.507014	1.1497	1.1497	0.239863	1.29051	1.29051	0.0495734	1.59087	1.59087	0.365599	0.824778	-1.21245	3.30106	2.24528	0.604594	1
cg06310927	TFDP1;TFDP1	0.0535269	0.884287	1.06937	1.06937	0.920167	0.954878	-1.04725	0.302293	1.63586	1.63586	0.611492	0.78984	-1.26608	0.0190137	0.270438	-3.69771	0.0574764	0.371748	-2.69	0.284839	1.66806	1.66806	0.279797	1.67778	1.67778	0.0112471	0.23163	-4.31722	3.301	11.0899	2.98628	1
cg21024122	BAT1;SNORD84;BAT1	0.053527	0.666637	0.778534	-1.28447	0.564399	1.40012	1.40012	0.213628	0.469325	-2.13072	0.0431164	0.260742	-3.8352	?	?	?	0.00202604	0.0809081	-12.3597	0.287457	0.528351	-1.89268	0.350732	0.574178	-1.74162	0.671106	0.78135	-1.27984	3.34864	15.7306	4.69761	1
cg26094714	CCDC72;CCDC51	0.0535274	0.874849	1.02916	1.02916	0.210597	0.786178	-1.27198	0.470423	1.14329	1.14329	0.483805	1.13856	1.13856	0.0450224	0.657395	-1.52116	0.915862	1.01946	1.01946	0.0096402	0.550214	-1.81748	0.040061	1.54141	1.54141	0.37132	1.18223	1.18223	3.30099	1.73868	0.468191	1
cg11637005	ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENTPD1	0.053528	0.951107	1.03024	1.03024	0.435376	0.679355	-1.47198	0.732533	1.18134	1.18134	0.219003	1.87386	1.87386	0.217055	0.532091	-1.87938	0.339303	1.61357	1.61357	0.0731077	0.378707	-2.64057	0.00333319	6.96589	6.96589	0.40278	1.51582	1.51582	3.30097	12.3379	3.32235	1
cg09005221	DIO2;DIO2;DIO2	0.0535281	0.0525521	0.248794	-4.01938	0.112864	0.336493	-2.97183	0.474297	1.5829	1.5829	0.0998185	3.12131	3.12131	0.0406871	0.225052	-4.44341	0.215837	2.27531	2.27531	0.134287	2.77069	2.77069	0.0945821	3.18894	3.18894	0.543013	1.4749	1.4749	3.30097	20.8251	5.6078	1
cg26932432	PAX6;PAX6;PAX6	0.0535284	0.0250195	0.206508	-4.84243	0.402411	0.602325	-1.66023	0.933007	1.051	1.051	0.0386988	0.242587	-4.12223	0.362849	0.575065	-1.73893	0.110267	0.357124	-2.80015	0.00399294	0.101356	-9.86617	0.0494719	0.265498	-3.76651	0.696679	0.793146	-1.2608	3.30096	18.2971	4.92706	1
cg03833948	C12orf39	0.0535306	0.117285	0.390652	-2.55983	0.346638	1.7082	1.7082	0.238135	0.505263	-1.97917	0.0861043	0.350722	-2.85126	0.0196828	0.21085	-4.74272	0.990187	0.993229	-1.00682	0.00866875	0.157468	-6.3505	0.286916	0.542843	-1.84215	0.0342073	0.255337	-3.9164	3.30091	15.9577	4.29719	1
cg26641455	PTPRN2;PTPRN2;PTPRN2	0.0535308	0.254892	0.727185	-1.37516	0.0217812	0.478106	-2.09158	0.0475677	0.544832	-1.83543	0.220017	0.707793	-1.41284	0.114676	0.63143	-1.58371	0.153639	0.664046	-1.50592	0.0308006	1.97333	1.97333	0.185023	0.686113	-1.45749	0.13102	0.645994	-1.548	3.30091	3.75466	1.01108	1
cg07919167	CMKLR1;CMKLR1;CMKLR1;CMKLR1	0.0535308	0.0538577	0.381657	-2.62015	0.170502	0.526078	-1.90086	0.0170711	0.278162	-3.59503	0.79931	1.11863	1.11863	0.0838771	0.430951	-2.32045	0.359417	0.660562	-1.51386	0.00361371	0.176697	-5.65942	0.74873	0.868124	-1.15191	0.644804	0.815241	-1.22663	3.30091	10.1236	2.72614	1
cg19158176	SSU72	0.0535309	0.0654718	0.332173	-3.01048	0.0693913	2.92969	2.92969	0.0446565	0.274856	-3.63827	0.0188234	0.165288	-6.05003	0.134203	0.453719	-2.20401	0.913506	0.955281	-1.04681	?	?	?	0.0261909	0.2038	-4.90677	0.0528438	0.299435	-3.33962	8.4138	16.8398	0.750543	1
cg09663111	C20orf85	0.0535339	0.0533758	0.456584	-2.19018	0.246616	0.648668	-1.54162	0.158572	1.71328	1.71328	0.539258	1.24864	1.24864	0.036415	0.419437	-2.38415	0.09318	0.516963	-1.93438	0.0440386	2.28562	2.28562	0.545709	1.24415	1.24415	0.179103	0.600575	-1.66507	3.30083	6.67207	1.79674	1
cg24827992	RGL2;RGL2	0.0535347	0.101085	0.728425	-1.37282	0.062094	1.44873	1.44873	0.0611305	0.689076	-1.45122	0.404164	0.860156	-1.16258	0.00958103	0.56053	-1.78402	0.584898	0.907242	-1.10224	0.741106	0.943167	-1.06026	0.306983	1.20519	1.20519	0.103527	0.730367	-1.36918	3.30082	1.62814	0.438449	1
cg17820247	VAMP1;VAMP1;VAMP1	0.0535349	0.0422612	1.98905	1.98905	0.448621	1.2548	1.2548	0.0821591	1.76133	1.76133	0.644086	0.872193	-1.14654	0.975965	0.991184	-1.00889	0.0217423	0.444997	-2.24721	0.0779736	1.77834	1.77834	0.619472	1.15853	1.15853	0.0362742	2.04535	2.04535	3.30081	4.51665	1.21631	1
cg18424776	RAB11B	0.0535352	0.373912	0.666969	-1.49932	0.058373	0.387084	-2.58342	0.735546	1.16233	1.16233	0.756847	0.871259	-1.14776	0.0211412	0.292237	-3.42188	0.073467	0.412475	-2.42439	0.0043134	0.183911	-5.43742	0.0962241	0.444618	-2.24912	0.148267	0.50251	-1.99001	3.3008	10.2937	2.77203	1
cg13975503	BARHL2	0.053536	0.97372	0.988349	-1.01179	0.512772	0.789648	-1.26639	0.0805421	1.99291	1.99291	0.91647	1.03803	1.03803	0.861265	0.939662	-1.06421	0.413289	0.742619	-1.34659	0.471759	0.770722	-1.29749	0.00173052	4.90379	4.90379	0.303784	1.46073	1.46073	3.30078	6.61712	1.78197	1
cg20117447	TGM3	0.0535367	0.626205	1.27069	1.27069	0.692043	0.823418	-1.21445	0.0381006	0.309378	-3.23229	0.706672	1.20263	1.20263	0.0846234	0.394219	-2.53666	0.917238	1.05204	1.05204	0.00521524	0.165488	-6.04275	0.233342	0.543438	-1.84014	0.0247085	0.271136	-3.68818	3.30077	12.4514	3.35314	1
cg07697465	CLCN7;CLCN7	0.0535389	0.00676391	0.291015	-3.43625	0.269591	0.667475	-1.49818	0.0608443	0.47567	-2.1023	0.189317	0.613288	-1.63056	0.015944	0.354257	-2.82281	0.108599	0.540421	-1.85041	0.0199085	0.372261	-2.68629	0.527825	0.798582	-1.25222	0.102046	0.532989	-1.87621	3.30071	6.46348	1.74063	1
cg26563248	MIR1826	0.0535404	0.221033	1.27477	1.27477	0.790258	1.05159	1.05159	0.250513	0.79725	-1.25431	0.792123	0.951378	-1.05111	0.0071594	0.519292	-1.9257	0.0964719	1.41112	1.41112	0.452493	0.865516	-1.15538	0.134814	1.35558	1.35558	0.0828253	0.695962	-1.43686	3.30068	1.86151	0.501313	1
cg24596132	MFGE8;MFGE8	0.053541	0.021915	0.173923	-5.74965	0.0111736	0.132279	-7.55976	0.0865484	0.299892	-3.33453	0.0861077	0.299282	-3.34133	0.0522041	0.245429	-4.07451	0.183455	0.407472	-2.45416	0.021492	0.17257	-5.79475	0.123041	0.345486	-2.89447	0.0430837	0.227502	-4.39556	3.30066	21.1537	5.69681	1
cg23075337	NXPH1	0.0535412	0.0338891	23.4317	23.4317	0.812465	0.738848	-1.35346	0.0291008	26.4456	26.4456	0.0804387	11.8147	11.8147	0.486665	0.406542	-2.45977	0.55771	0.469999	-2.12766	0.766767	0.684693	-1.46051	0.0148106	45.526	45.526	0.0605628	14.8005	14.8005	3.30066	84.7752	22.8305	1
cg02995061	TRIM31	0.0535424	0.0252808	0.220767	-4.52966	0.138704	0.404453	-2.47248	0.124265	0.388568	-2.57355	0.539929	0.702984	-1.42251	0.142046	0.407997	-2.451	0.0837766	0.337286	-2.96484	0.00990981	0.157175	-6.36234	0.0086627	0.149494	-6.68923	0.0984277	0.357257	-2.79911	3.30063	16.8615	4.54095	1
cg16230559	HIC2	0.0535425	0.105368	0.860904	-1.16157	0.0570242	1.19996	1.19996	0.0116217	1.30607	1.30607	0.118616	0.866401	-1.1542	0.871871	0.98643	-1.01376	0.324773	0.917522	-1.08989	0.919522	1.00859	1.00859	0.096034	1.16734	1.16734	0.385795	1.07817	1.07817	3.30063	0.374587	0.10088	1
cg03337341	RYR2	0.0535429	0.0297632	0.667735	-1.4976	0.0359554	1.47	1.47	0.165177	1.26334	1.26334	0.480138	0.892852	-1.12001	0.867033	0.973888	-1.02681	0.348471	0.858635	-1.16464	0.143388	1.28183	1.28183	0.137829	1.287	1.287	0.0447374	1.43881	1.43881	3.30062	1.30331	0.350994	1
cg19029301	POFUT1;PLAGL2;POFUT1	0.0535433	0.0929742	0.688758	-1.45189	0.0259665	0.586712	-1.70441	0.684184	1.086	1.086	0.0114434	0.528137	-1.89345	0.162273	0.740075	-1.35121	0.0112256	0.526811	-1.89821	0.654477	0.913127	-1.09514	0.0735903	0.668708	-1.49542	0.229561	0.775427	-1.28961	3.30061	2.12754	0.572968	1
cg04498198	TP53I13	0.0535443	0.058279	4.6988	4.6988	0.0929881	3.80512	3.80512	0.0129107	9.31625	9.31625	0.0586568	4.68517	4.68517	0.00651068	12.8947	12.8947	0.100473	3.67325	3.67325	0.576067	1.5045	1.5045	0.119355	3.39431	3.39431	0.091128	3.84023	3.84023	3.30059	27.3307	7.36051	1
cg18282812	FEM1C	0.0535454	?	?	?	0.459138	1.2742	1.2742	0.0295031	2.2797	2.2797	0.383271	0.750187	-1.333	0.0842376	0.541127	-1.848	0.165806	0.621799	-1.60824	0.859144	1.05877	1.05877	0.0123176	0.367137	-2.72378	0.958372	1.01692	1.01692	3.3482	4.87172	1.45503	1
cg03039797	SIPA1L1	0.0535456	0.116243	1.34779	1.34779	0.143255	0.759537	-1.31659	0.00739903	0.546977	-1.82823	0.319239	0.835287	-1.19719	0.132209	0.752703	-1.32854	0.847036	1.03434	1.03434	0.0945381	1.37896	1.37896	0.171713	0.775379	-1.28969	0.389415	0.857083	-1.16675	3.30056	1.59816	0.430408	1
cg23372684	COL23A1	0.053546	0.177259	2.71676	2.71676	0.486098	1.63763	1.63763	0.857119	0.881964	-1.13383	0.475839	1.65751	1.65751	0.0415089	5.14623	5.14623	0.072469	4.04245	4.04245	0.00369013	15.4099	15.4099	0.0292721	5.98851	5.98851	0.080308	3.86568	3.86568	3.30055	25.3908	6.83813	1
cg06728077	IKZF1	0.053547	0.22193	0.75993	-1.31591	0.928388	0.98096	-1.01941	0.137315	0.71018	-1.40809	0.0365304	0.594715	-1.68148	0.0403589	0.602648	-1.65934	0.134969	1.41144	1.41144	0.0373689	1.67641	1.67641	0.137717	0.710465	-1.40753	0.974421	0.993167	-1.00688	3.30052	2.39058	0.643824	1
cg12489915	SPAG9;SPAG9	0.0535474	0.0293334	0.19341	-5.17037	0.10139	3.15203	3.15203	0.636126	1.35669	1.35669	0.149723	2.68732	2.68732	0.0642244	0.264208	-3.7849	0.802901	1.1736	1.1736	0.0214115	0.170444	-5.86703	0.734097	0.80394	-1.24387	0.182948	0.404737	-2.47074	3.30051	21.4155	5.7676	1
cg02304427	MDK;MDK;MDK	0.0535493	0.0357382	0.465688	-2.14736	0.13097	0.600496	-1.66529	0.233555	0.676655	-1.47786	0.0210929	0.420016	-2.38086	0.0312495	0.453668	-2.20426	0.498248	1.23989	1.23989	0.0284303	0.445368	-2.24533	0.0254913	0.435954	-2.29382	0.205881	0.658809	-1.51789	3.30047	5.11247	1.3769	1
cg23564243	LOC100271722	0.0535504	0.585331	0.86148	-1.16079	0.0261242	2.04268	2.04268	0.0522524	1.8175	1.8175	0.322103	1.31892	1.31892	0.312709	1.32658	1.32658	0.0477155	1.84545	1.84545	0.00402621	2.84512	2.84512	0.765772	1.08421	1.08421	0.859807	1.04901	1.04901	3.30044	3.8283	1.03105	1
cg15672768	PCDHGA4;PCDHGA2;PCDHGB2;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGB2	0.0535518	0.0239178	15.2382	15.2382	0.033011	12.4299	12.4299	0.192511	4.03192	4.03192	0.0967154	6.31625	6.31625	0.439776	2.21765	2.21765	0.327923	2.77531	2.77531	0.0120887	23.6362	23.6362	0.0204586	16.8314	16.8314	0.0298189	13.253	13.253	3.30041	53.408	14.3842	1
cg17749443	ZFP37	0.0535525	0.959604	1.00656	1.00656	0.574169	0.929347	-1.07602	0.403076	0.89545	-1.11676	0.657141	0.943978	-1.05935	0.0531374	1.32786	1.32786	0.0213122	1.42922	1.42922	0.480052	0.911513	-1.09708	0.931775	0.98901	-1.01111	0.00612584	1.58665	1.58665	3.30039	0.870587	0.234474	1
cg22369776	PRSS35;PRSS35	0.0535525	0.807465	0.931535	-1.0735	0.888066	1.04176	1.04176	0.906153	0.966322	-1.03485	0.411459	0.783528	-1.27628	0.239029	1.43072	1.43072	0.141804	0.632018	-1.58223	0.00201336	3.5457	3.5457	0.951174	1.01795	1.01795	0.243876	0.701756	-1.425	3.30039	4.41042	1.18785	1
cg26739691	ADCY1	0.0535537	0.321029	0.734676	-1.36114	0.215986	0.675989	-1.47931	0.864456	0.949917	-1.05272	0.102709	0.58454	-1.71075	0.00282787	0.290379	-3.44377	0.0629686	0.5331	-1.87582	0.921124	0.970655	-1.03023	0.421377	1.28019	1.28019	0.0455191	0.501743	-1.99305	3.30036	4.72704	1.27314	1
cg18113259	CRLS1;CRLS1	0.0535543	0.0690104	0.659056	-1.51732	0.473642	1.16107	1.16107	0.00531459	2.12264	2.12264	0.865527	1.03534	1.03534	0.969781	1.00779	1.00779	0.606339	0.898962	-1.11239	0.0608341	0.648541	-1.54192	0.168669	0.740411	-1.3506	0.73862	1.07103	1.07103	3.30035	2.19482	0.591134	1
cg15541008	ELL2;ELL2	0.0535548	0.469024	1.19355	1.19355	0.688381	1.10167	1.10167	0.00999531	2.18398	2.18398	0.015517	2.04002	2.04002	0.431318	0.824565	-1.21276	0.749653	0.925992	-1.07992	0.145956	0.687362	-1.45484	0.226608	0.73719	-1.3565	0.258571	1.32725	1.32725	3.30034	3.01504	0.812048	1
cg01371233	SEPHS2	0.0535553	0.0304689	0.0641354	-15.592	0.0191501	0.046802	-21.3666	0.0939059	0.136768	-7.31164	0.223121	0.250924	-3.98527	0.0267692	0.058768	-17.0161	0.184291	0.218474	-4.57721	0.0241082	0.0547454	-18.2664	0.944041	1.07877	1.07877	0.0250369	0.0561662	-17.8043	3.30033	60.9764	16.423	1
cg03544525	PFKFB2;PFKFB2	0.0535553	0.708907	0.955998	-1.04603	0.014863	1.43263	1.43263	0.169843	1.19178	1.19178	0.460309	0.913747	-1.0944	0.794313	0.969135	-1.03185	0.689074	0.952885	-1.04945	0.00863271	0.669106	-1.49453	0.721029	1.04396	1.04396	0.206158	1.17353	1.17353	3.30033	0.752616	0.202705	1
cg06952422	ITPR3	0.0535586	0.0812764	0.592073	-1.68898	0.391932	0.788302	-1.26855	0.10517	0.618682	-1.61634	0.89936	1.03491	1.03491	0.00555592	0.372332	-2.68578	0.130802	0.642435	-1.55658	0.0416973	0.529015	-1.8903	0.153742	0.660875	-1.51315	0.0148006	0.443402	-2.25529	3.30025	3.84442	1.03546	1
cg24944109	SLC1A2	0.053561	0.122242	1.70886	1.70886	0.0465422	2.07357	2.07357	0.00896453	2.896	2.896	0.609864	0.8482	-1.17897	0.274261	0.69493	-1.43899	0.180139	0.634215	-1.57675	0.539326	1.21996	1.21996	0.279588	0.697947	-1.43277	0.290297	0.703911	-1.42063	3.30019	5.34944	1.44084	1
cg04487202	HRNBP3	0.0535615	0.405285	0.709472	-1.4095	0.00547769	4.3595	4.3595	0.0784748	2.19874	2.19874	0.346833	0.676718	-1.47772	0.861577	0.932064	-1.07289	0.94026	1.03067	1.03067	0.037196	0.377175	-2.65129	0.566973	0.791934	-1.26273	0.784236	0.895265	-1.11699	3.30018	8.49317	2.2876	1
cg20928429	CLDN16	0.0535621	0.318179	0.869114	-1.1506	0.0123498	0.654719	-1.52737	0.158511	1.22746	1.22746	0.117312	0.793504	-1.26023	0.04267	0.728131	-1.37338	0.834164	0.971897	-1.02892	0.0588427	1.33661	1.33661	0.336865	0.87404	-1.14411	0.521112	0.915369	-1.09246	3.30016	0.96624	0.260254	1
cg07242783	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.053567	0.0139995	0.656217	-1.52389	0.417329	1.12195	1.12195	0.0388573	1.39379	1.39379	0.0482471	0.730983	-1.36802	0.197692	0.827763	-1.20808	0.73619	0.954142	-1.04806	0.152881	0.808537	-1.2368	0.126072	0.794705	-1.25833	0.96247	1.00655	1.00655	3.30005	1.00732	0.271328	1
cg02500231	NOS1	0.0535677	0.173254	2.24475	2.24475	0.0183556	0.20254	-4.93729	0.329899	0.570611	-1.75251	0.971187	0.980048	-1.02036	0.35896	0.590764	-1.69272	0.183773	0.455262	-2.19654	0.016275	0.19408	-5.15252	0.190087	2.16923	2.16923	0.0641081	0.313175	-3.1931	3.30003	16.2736	4.38343	1
cg21620524	SLC9A3	0.0535678	0.281969	0.86904	-1.1507	0.0323436	1.3697	1.3697	0.42042	0.901823	-1.10887	0.620779	0.93931	-1.06461	0.0731199	0.778088	-1.2852	0.210738	0.847424	-1.18005	0.832337	0.973736	-1.02697	0.999106	0.999859	-1.00014	0.00506514	0.627992	-1.59238	3.30003	0.823724	0.221876	1
cg26111157	TTC28	0.0535679	0.142022	0.772483	-1.29453	0.0394179	1.47645	1.47645	0.345123	0.852989	-1.17235	0.103246	0.747194	-1.33834	0.0178702	0.624541	-1.60118	0.635868	0.924968	-1.08112	0.163099	0.783924	-1.27563	0.0736632	0.721747	-1.38553	0.265559	1.20892	1.20892	3.30003	1.39761	0.376458	1
cg07016939	TMEM82	0.0535686	0.423112	0.904857	-1.10515	0.148201	1.20869	1.20869	0.312465	0.88014	-1.13618	0.541473	1.07846	1.07846	0.0441695	1.32647	1.32647	0.0301936	1.36541	1.36541	0.0138548	1.45007	1.45007	0.203411	0.848699	-1.17827	0.779775	0.966327	-1.03485	3.30001	0.780417	0.210213	1
cg09857761	MSLN;MSLN	0.0535692	0.0296908	0.380913	-2.62527	0.821004	0.918085	-1.08922	0.0236698	0.361058	-2.76964	0.0144843	0.32105	-3.11478	0.0229164	0.3583	-2.79096	0.0955701	0.501326	-1.99471	0.497972	0.771462	-1.29624	0.0960613	0.501937	-1.99228	0.0447297	0.41937	-2.38453	3.3	7.43361	2.00232	1
cg08213351	IWS1	0.0535695	0.297928	0.890774	-1.12262	0.00722354	1.45006	1.45006	0.0575587	1.25887	1.25887	0.693847	1.04332	1.04332	0.193009	1.15913	1.15913	0.52946	0.933991	-1.07067	0.690067	1.0439	1.0439	0.431991	1.08977	1.08977	0.0127603	1.39329	1.39329	3.29999	0.600564	0.161769	1
cg14686745	OPN5;OPN5	0.0535697	0.366045	0.841368	-1.18854	0.00449079	2.023	2.023	0.905089	0.978059	-1.02243	0.745817	1.06236	1.06236	0.234484	0.793113	-1.26085	0.0910533	1.41368	1.41368	0.0963197	0.712041	-1.40441	0.241086	1.2564	1.2564	0.383881	1.18065	1.18065	3.29999	1.80799	0.487004	1
cg03148457	PDZRN3	0.0535715	0.0267838	0.174137	-5.7426	0.0908238	0.289064	-3.45944	0.323828	0.507201	-1.97161	0.413979	0.573297	-1.7443	0.0159463	0.140007	-7.14251	0.045195	0.216362	-4.62189	0.00918518	0.110397	-9.05823	0.0525733	0.230328	-4.34163	0.120289	0.32541	-3.07305	3.29994	23.1961	6.24822	1
cg13823120	DAPK1	0.0535717	0.486595	1.34379	1.34379	0.0363448	2.76519	2.76519	0.584424	1.2597	1.2597	0.628853	1.22579	1.22579	0.143159	0.518031	-1.93039	0.176741	0.548678	-1.82256	0.00753717	0.23758	-4.20912	0.928064	0.962958	-1.03847	0.13066	0.505451	-1.97843	3.29994	9.13204	2.45985	1
cg26517831	GNA12	0.0535718	0.091344	0.296921	-3.3679	0.132107	0.345981	-2.89033	0.0107815	0.123457	-8.10001	0.139057	0.353514	-2.82874	0.0203711	0.161087	-6.20782	0.726065	0.794755	-1.25825	0.0175318	0.15139	-6.60546	0.0332155	0.196779	-5.08185	0.699199	0.776024	-1.28862	3.29994	22.2904	6.00426	1
cg05149617	C16orf92;C16orf92	0.0535741	0.0122872	0.558837	-1.78943	0.252542	0.8001	-1.24984	0.00233495	0.452501	-2.20994	0.911968	0.979575	-1.02085	0.999928	0.999983	-1.00002	0.782758	0.949732	-1.05293	0.971167	1.00677	1.00677	0.798852	1.0488	1.0488	0.915321	0.980349	-1.02005	3.29988	1.81977	0.490192	1
cg03550002	TTC37;ARSK;ARSK	0.0535747	0.100077	0.693317	-1.44234	0.277293	0.794791	-1.25819	0.962494	0.990487	-1.0096	0.00776797	2.00342	2.00342	0.390872	0.836348	-1.19568	0.591154	1.11653	1.11653	0.167708	1.34838	1.34838	0.0676249	1.51615	1.51615	0.10757	1.42902	1.42902	3.29987	2.15948	0.581702	1
cg06363129	SOSTDC1	0.0535749	0.0796807	0.359229	-2.78374	0.590823	0.751495	-1.33068	0.855121	0.908275	-1.10099	0.122719	0.414654	-2.41165	0.124733	0.41693	-2.39848	0.123554	0.415601	-2.40616	0.00355687	0.125034	-7.99784	0.0132536	0.198739	-5.03171	0.171521	0.464757	-2.15166	3.29986	14.4803	3.90057	1
cg25680645	VPS53;VPS53	0.0535751	0.521919	1.09687	1.09687	0.229075	0.835436	-1.19698	0.0014357	0.518636	-1.92813	0.444806	0.89497	-1.11736	0.888052	0.980135	-1.02027	0.591234	1.08029	1.08029	0.907353	0.983552	-1.01672	0.182051	1.22357	1.22357	0.780351	0.960959	-1.04063	3.29986	1.06057	0.285687	1
cg25688113	STK32B	0.0535761	0.873914	1.03258	1.03258	0.490544	1.15187	1.15187	0.953286	1.0119	1.0119	0.27093	0.793414	-1.26038	0.688138	1.08487	1.08487	0.501326	0.871283	-1.14773	0.0010865	0.377761	-2.64717	0.208918	0.76535	-1.30659	0.903573	1.02477	1.02477	3.29983	2.13027	0.573839	1
cg08243524	DENND1C	0.0535769	0.269241	1.69672	1.69672	0.58539	1.28805	1.28805	0.223636	0.555719	-1.79947	0.318279	1.60638	1.60638	0.0470375	0.351886	-2.84183	0.832564	1.10217	1.10217	0.0325453	3.15717	3.15717	0.0111287	4.31627	4.31627	0.265745	1.70386	1.70386	3.29981	11.0348	2.9725	1
cg09416908	ME3;ME3;ME3	0.0535774	0.0203036	0.184321	-5.42531	0.172563	0.415842	-2.40476	0.141874	0.384983	-2.59752	0.0439495	0.246763	-4.05248	0.0154288	0.165885	-6.02828	0.292226	0.516594	-1.93576	0.0414254	0.241343	-4.14347	0.128918	0.370914	-2.69605	0.0119209	0.150069	-6.66362	3.2998	19.0925	5.14307	1
cg21485906	SLC7A5P1	0.0535779	0.0330171	7.90543	7.90543	0.106784	4.30739	4.30739	0.0927212	4.63776	4.63776	0.0843919	4.87068	4.87068	0.234986	0.356176	-2.8076	0.0547544	6.09115	6.09115	0.0384996	7.3028	7.3028	0.18406	3.21765	3.21765	0.0179677	10.8538	10.8538	3.29979	35.9452	9.68282	1
cg07573209	ISL2	0.0535782	0.741697	1.20534	1.20534	0.221776	0.484264	-2.06499	0.0284775	4.30512	4.30512	0.197259	2.15903	2.15903	0.529385	1.43301	1.43301	0.818937	1.13822	1.13822	0.00479336	0.120784	-8.27926	0.578155	0.728193	-1.37326	0.873498	1.09414	1.09414	3.29978	16.6625	4.4885	1
cg14117565	ETFB;ETFB	0.0535785	0.213552	2.30269	2.30269	0.0870508	0.300201	-3.3311	0.0932919	0.308632	-3.2401	0.0618218	0.262019	-3.81652	0.306994	0.509946	-1.96099	0.604207	1.39516	1.39516	0.00373057	0.0825649	-12.1117	0.999921	0.999937	-1.00006	0.640749	0.741348	-1.34889	3.29978	21.1931	5.70896	1
cg23591609	BEST3	0.0535803	0.074158	0.242138	-4.12987	0.0522835	0.207373	-4.82222	0.317522	0.478825	-2.08844	0.462691	0.586942	-1.70375	0.010654	0.10142	-9.86	0.134035	0.316098	-3.16357	0.0100279	0.0986061	-10.1414	0.0199182	0.134966	-7.40928	0.329582	0.488156	-2.04853	3.29974	26.5475	7.15142	1
cg13666041	ACTN1;ACTN1;ACTN1	0.0535815	0.481841	0.827295	-1.20876	0.528592	0.844242	-1.18449	0.296277	1.33271	1.33271	0.592536	1.15404	1.15404	0.462183	0.819961	-1.21957	0.0551904	1.77978	1.77978	0.210473	0.704716	-1.41901	0.0155225	2.19729	2.19729	0.0265231	0.497856	-2.00861	3.29971	3.6757	0.990177	1
cg01428195	SEC16A	0.0535837	0.0123065	0.45998	-2.17401	0.109847	0.647796	-1.5437	0.119096	0.656144	-1.52406	0.00809896	0.429705	-2.32718	0.0601837	0.589731	-1.69569	0.100072	0.638351	-1.56654	0.122096	0.658743	-1.51804	0.7594	0.92633	-1.07953	0.0364363	0.545665	-1.83263	3.29965	3.24296	0.873617	1
cg12734386	ETFA;ETFA	0.0535837	0.403353	1.25912	1.25912	0.0514194	0.550167	-1.81763	0.311348	0.754112	-1.32606	0.0165774	0.45453	-2.20008	0.039944	1.89608	1.89608	0.0472707	0.542478	-1.84339	0.604703	1.15108	1.15108	0.99661	0.998856	-1.00115	0.945512	0.981753	-1.01859	3.29965	3.79392	1.02204	1
cg14416575	SEPT3;SEPT3	0.0535847	0.227221	0.78509	-1.27374	0.0987759	0.70788	-1.41267	0.00824165	0.524688	-1.90589	0.139103	0.737969	-1.35507	0.28508	1.23605	1.23605	0.737087	0.937716	-1.06642	0.0336583	1.60566	1.60566	0.578443	0.898407	-1.11308	0.942668	1.01382	1.01382	3.29963	1.90368	0.512834	1
cg10537017	GSTM2;GSTM2	0.0535849	0.145755	0.717764	-1.39322	0.00578793	0.464127	-2.15458	0.223948	0.762418	-1.31162	0.680108	0.915734	-1.09202	0.0202902	0.552041	-1.81146	0.0252227	0.568327	-1.75955	0.0601381	0.637497	-1.56863	0.841406	1.04346	1.04346	0.189212	0.744305	-1.34354	3.29963	2.35588	0.634652	1
cg19160975	BAZ1B	0.0535854	0.00455936	0.35053	-2.85282	0.114682	1.60971	1.60971	0.484904	1.21768	1.21768	0.692379	1.11666	1.11666	0.0975365	0.603807	-1.65616	0.653894	0.882291	-1.13341	0.122764	0.628754	-1.59045	0.0926327	0.59839	-1.67115	0.415606	0.793825	-1.25972	3.29961	4.02399	1.08403	1
cg22701488	SMAD3;SMAD3;SMAD3	0.0535856	0.524863	0.928166	-1.07739	0.0844759	0.801896	-1.24704	0.030157	0.744573	-1.34305	0.596987	1.06367	1.06367	0.231748	0.864936	-1.15615	0.0327922	1.33496	1.33496	0.651961	0.94883	-1.05393	0.666749	1.05139	1.05139	0.0182735	0.71793	-1.39289	3.29961	0.699386	0.188409	1
cg02863409	MST1	0.0535872	0.0151767	0.500181	-1.99928	0.103549	0.661327	-1.51211	0.0116016	0.480501	-2.08116	0.0107425	0.474959	-2.10544	0.727481	0.921956	-1.08465	0.0951545	0.653185	-1.53096	0.197358	0.728682	-1.37234	0.631587	0.893857	-1.11875	0.104077	0.661821	-1.51098	3.29957	2.81918	0.759474	1
cg22455271	TNS3	0.0535874	0.269715	0.716526	-1.39562	0.349678	0.756383	-1.32208	0.290494	0.727486	-1.3746	0.656449	0.878232	-1.13865	0.00476918	0.337323	-2.96452	0.0136581	0.412852	-2.42218	0.658807	1.13755	1.13755	0.637345	0.871344	-1.14765	0.023184	0.455116	-2.19724	3.29957	4.3957	1.18418	1
cg17865607	TSC22D2	0.0535876	0.114173	0.688081	-1.45332	0.0648371	1.57007	1.57007	0.949181	0.986229	-1.01396	0.0571794	0.626175	-1.597	0.300123	0.791675	-1.26314	0.0235845	0.555349	-1.80067	0.69235	0.917118	-1.09037	0.946709	1.01465	1.01465	0.0442618	1.65321	1.65321	3.29956	2.47341	0.666327	1
cg23850707	RAB27A	0.0535894	0.581417	0.898591	-1.11285	0.114128	1.39101	1.39101	0.0623774	1.49602	1.49602	0.695681	0.927291	-1.07841	0.950232	1.01206	1.01206	0.566115	0.894601	-1.11782	0.0115378	0.545178	-1.83426	0.0580137	1.50903	1.50903	0.117659	1.38584	1.38584	3.29952	1.92698	0.519127	1
cg25474442	TSTA3	0.0535896	0.0462804	1.39391	1.39391	0.257883	1.18738	1.18738	0.0313187	1.44404	1.44404	0.857395	0.974174	-1.02651	0.300736	1.16881	1.16881	0.141085	0.794327	-1.25893	0.0934913	0.764639	-1.30781	0.0726246	1.33825	1.33825	0.0691446	1.34422	1.34422	3.29951	1.10581	0.297904	1
cg04002794	FNDC3B;FNDC3B	0.0535897	0.0312048	0.268855	-3.71948	0.227424	0.517706	-1.9316	0.255582	0.539745	-1.85273	0.118911	0.41504	-2.40941	0.0107209	0.188973	-5.29176	0.393634	0.635082	-1.5746	0.0150074	0.211515	-4.72779	0.536495	1.38432	1.38432	0.0368118	0.283624	-3.52579	3.29951	14.1068	3.80038	1
cg10578602	ZNF513	0.0535899	0.747989	1.12122	1.12122	0.155902	1.71406	1.71406	0.0733434	2.03144	2.03144	0.33438	0.702307	-1.42388	0.514318	0.790785	-1.26457	0.107719	0.536307	-1.8646	0.0190813	0.365306	-2.73743	0.0462018	0.444529	-2.24957	0.0982182	0.525313	-1.90363	3.29951	6.58369	1.77365	1
cg01948201	HSPC159	0.0535901	0.297982	1.26605	1.26605	0.812286	0.949312	-1.05339	0.00427538	2.30645	2.30645	0.05908	1.59367	1.59367	0.389206	1.21281	1.21281	0.0841993	1.51851	1.51851	0.478979	0.854389	-1.17043	0.675626	1.09638	1.09638	0.0210868	1.83406	1.83406	3.2995	2.49834	0.673055	1
cg00175709	CR1;CR1	0.0535916	0.138437	0.294505	-3.39553	0.217851	0.370292	-2.70057	0.200693	0.354947	-2.81733	0.892586	1.10909	1.10909	0.430164	0.539481	-1.85363	0.0725749	4.64282	4.64282	0.00885044	12.855	12.855	0.0887982	4.21474	4.21474	0.908531	0.915686	-1.09208	3.29947	30.6922	8.26858	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. Change)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error
cg19072871	LBX1;FLJ41350	0.05539918	0.0824319	0.702557	-1.42337	0.509935	1.1925	1.1305	0.0221545	1.66309	0.0443522	0.654546	-1.52778	0.549237	0.894755	0.11762	0.323781	1.20564	1.20564	0.0530014	1.48177	1.48177	0.4830569	1.1591	1.1591	0.1636333	1.31164	1.31164	1.29946	1.75977	0.47409	1
cg13385220	LGR6;LGR6;LGR6	0.05359525	0.0430535	0.123458	-8.00992	0.0422359	0.122144	-8.18706	0.0168771	0.0728483	-1.33722	0.748744	0.749189	-1.33478	0.0544815	0.140789	-7.10285	0.0439308	0.124856	-8.00924	0.0184377	0.0766193	-13.0515	0.432324	0.486712	-2.05461	0.0419232	0.121638	-8.22109	2.295045	42.1942	11.3673	1
cg26336059	RAB13	0.05359555	0.119952	0.28508	-3.50778	0.00886794	0.0839149	-11.9168	0.325521	0.4659603	-2.1281	0.126528	0.292404	-3.41992	0.0332899	0.157108	-6.36503	0.203779	0.368677	-2.7124	0.00828204	0.0811497	-12.3229	0.0778504	0.232759	-4.29629	0.0782478	0.233111	-4.28613	1.29938	28.9195	7.79123	1
cg25267808	MAML2	0.05359556	0.0567799	0.47217	-2.11721	0.798953	1.06079	1.06079	0.0250974	0.144597	-6.91575	0.153775	0.39726	-2.97796	0.40799	0.54401	-1.82139	0.440799	1.74482	1.74482	0.0448361	0.188655	-5.26719	0.2252373	0.404012	-2.47431	0.2153343	0.395335	-2.5295	1.61988	24.8667	6.01079	1
cg04846156	NFKBIL2	0.05359556	0.114207	0.463059	-2.15955	0.017891	0.275394	-3.63116	0.664031	0.8225155	-1.21632	0.570191	0.773283	-1.29119	0.0420556	0.350064	-2.85662	0.0996897	0.445536	-2.24449	0.0136433	0.254846	-3.92393	0.0103994	0.235559	-4.24522	0.320748	0.631476	-1.58359	1.299237	10.4916	2.82656	1
cg26283098	GAS7	0.05359997	0.0126868	1.974	1.974	1.038168	1.46028	1.46028	0.308764	0.793535	-1.26018	0.591757	1.262	1.1263	0.211827	1.31686	1.31686	0.0190298	1.86491	1.86491	0.127878	0.696724	-1.43529	0.274241	1.28371	1.28371	0.547182	0.874482	-1.14309	1.299228	2.51832	0.678483	1
cg23615467	RHCE;RHCE;RHCE;RHCE	0.05360002	0.401812	0.781152	-1.28016	0.268925	0.717908	-1.39294	0.105463	0.6010335	-1.6638	0.0413088	0.512217	-1.9523	0.00337786	0.31747	-3.14991	0.264015	0.715252	-1.39811	0.0165357	0.43051	-2.32283	0.829542	0.938829	-1.06402	0.102064	0.597462	-1.67375	1.299226	4.32911	1.16635	1
cg01465169	CDR2G	0.05360009	0.0292374	21.5063	21.5063	0.0286521	21.8338	0.134164	0.514427	6.514427	0.121684	7.41894	0.741894	0.100155	0.121898	-8.20359	0.080123	10.0917	10.0917	0.29756	4.92592	4.92592	0.0720103	11.0086	11.0086	0.0492947	14.5876	14.5876	2.39225	74.5474	20.0847	1
cg09497020	Dfp;BRD9	0.05360228	0.339123	0.692437	-1.44417	0.863399	1.06635	1.06635	0.920489	0.9634417	-1.03795	0.0368921	0.404865	-2.46096	0.238722	0.6310192	-1.58455	0.172739	0.581999	-1.71822	0.00522269	3.95345	3.95345	0.3335502	1.45079	1.45079	0.7790936	1.11063	1.11063	1.2992	7.27098	1.95899	1
cg27269581	TNFRSF13B	0.05360316	0.178531	0.575279	-1.73819	0.945847	1.0255	1.0255	0.0221545	1.66309	0.0443522	0.654546	-1.52778	0.549237	0.894755	0.11762	0.0673147	1.40524	1.40524	0.0530014	1.48177	1.48177	0.4830569	1.1591	1.1591	0.1636333	1.31164	1.31164	1.29946	1.75977	0.47409	1
cg24967096	KIAA1949;KIAA1949	0.05360339	0.05532	0.48669	-2.05469	0.686017	0.875901	-1.14423	0.891704	1.04619	1.04619	0.0762828	0.520059	-1.92386	0.0365813	0.495548	-2.01797	0.562444	1.21426	1.21426	0.00244659	0.247197	-4.04536	0.780497	0.911548	-1.09704	0.696928	0.878315	-1.13854	1.299218	5.74234	1.54714	1
cg23044564	PIBKC1	0.05360611	0.0983282	0.409029	-1.30929	0.316019	0.897004	-1.11479	0.132169	1.18569	1.18569	0.864652	1.01802	1.018802	0.0054626	0.683939	-1.46332	0.309466	1.14873	1.14873	0.2208895	0.8578089	-1.16441	0.36728	1.12878	1.12878	0.4624442	1.08156	1.08156	1.29915	0.5749097	0.154679	1
cg13779265	RNF128;RNF128 SNORD24;SNORD36B;MED22;RPL7A;M	0.05361113	0.0303609	0.268865	-3.71934	0.395085	1.56751	1.56751	0.0194783	1.03639	1.03639	0.0965938	2.56356	2.56356	0.114155	2.42748	2.42748	0.429777	0.659723	-1.51579	0.0552395	0.325792	-3.06944	0.0322226	1.64876	1.64876	0.764687	1.16756	1.16756	1.299	13.9149	3.74926	1
cg01605984	FDZ2;SNORD36A	0.053614	0.0605748	0.562985	-1.77624	0.179649	0.458085	-2.183	0.9093117	1.03142	1.03142	0.763325	0.921275	-1.08545	0.0199316	0.466341	-2.14435	0.147664	0.655878	-1.52467	0.0545206	0.554601	-1.8031	0.0232094	0.478653	-2.0892	0.523021	1.19215	1.19215	1.298494	3.85183	1.03786	1
cg20143895	AHCTF1	0.05361446	0.706989	1.26256	1.26256	0.0745587	0.279609	-3.57642	0.00763597	10.266	10.266	0.663232	0.762875	-1.31083	?	?	?	?	?	0.853349	0.892172	-1.12086	0.0870608	0.298775	-3.347	0.602995	0.722927	-1.38326	0.47439	18.1588	3.82013	1
cg24864413	SLC22A1;SLC22A1	0.05361532	0.0597708	0.28761	-3.47994	0.104406	0.561737	-1.78077	0.0155656	0.166419	-6.00889	0.148818	0.402936	-2.48179	0.0137923	0.167462	-5.9715	0.0518131	0.272772	-3.66607	0.0137429	0.182384	-5.45602	0.0127303	0.680862	-1.4559	0.0966358	0.342754	-2.91754	1.298291	18.0062	4.85175	1
cg06368401	MIR503	0.05361556	0.0041947	0.130382	-7.66974	0.29521	0.561783	-1.78005	0.495068	0.6507716	-1.44359	0.658885	1.26617	0.0208522	0.22826	-4.38096	0.151641	0.442189	-2.26148	0.0329282	0.265754	-3.76287	0.874048	0.919185	-1.08792	0.123097	0.41175	-2.42866	1.2989	14.7427	3.97243	1
cg00993118	SLI1	0.05361657	0.539437	1.20735	1.20735	0.751893	1.10097	1.10097	0.24876	1.44143	1.44143	0.879375	1.04714	1.04714	0.976146	1.00911	1.00911	0.239363	0.688197	-1.45307	0.457085	0.794784	-1.2582	0.00135616	4.0995	4.0995	0.232251	1.4622	1.4622	2.39887	4.80567	1.2949	1
cg19029144	CAPN2;CAPN2	0.05361773	0.0252303	0.30052	-3.32742	0.202678	0.842118	-1.18718	0.191597	1.47757	1.47757	0.673954	1.44208	1.442708	0.583326	1.713548	1.713548	0.0185368	2.72945	2.72945	0.0373955	0.3681214	-2.71704	0.0191911	1.0966	1.0966	0.0373747	0.2134154	-4.6857	2.29886	10.3388	2.78582	1
cg05539196	TIGD6 ZNF706;ZNF706;ZNF706;ZNF706;ZNF70	0.05361781	0.3380061	0.513073	-1.94904	0.2140012	0.122067	-8.1922	0.0326151	0.184563	-5.41819	0.681281	1.32188	1.32188	0.140427	0.342445	-2.92018	0.0107639	0.11473	-8.71612	0.040613	0.202389	-4.94097	0.144095	0.313497	-3.18983	0.49684	1.627404	-1.59387	3.29884	23.8563	6.4282	1
cg08874598	6	0.05361841	0.131563	0.824896	-1.21227	0.0457987	0.762811	-1.31094	0.174581	0.84302	-1.18621	0.649175	0.947282	-1.05565	0.0558935	0.77405	-1.29191	0.0476676	0.765054	-1.3071	0.0207161	0.7193992	-1.39006	0.4237119	1.10144	1.10144	0.120542	1.22032	1.22032	1.29883	0.73059	0.196861	1
cg18459405	SLC34A1;SLC34A1	0.05361931	0.570839	1.31772	1.31772	0.308991	0.602223	-1.66051	0.0554678	0.135159	-7.38448	0.437327	0.682747	-1.46467	0.0437237	0.32514	-3.0756	0.0228538	0.269368	-3.71239	0.00709213	0.185195	-5.34203	0.0976081	0.416668	-2.39999	0.0771385	0.388064	-2.57689	1.29881	12.1207	3.266	1
cg26008480	TTC12	0.05362031	0.0586869	0.3107	-3.21844	0.0525611	0.118.244	118.244	0.0364054	27.4686	27.4686	0.212942	0.360593	-2.77316	0.0180503	0.137904	-7.25131	0.0036225	0.0429207	0.0023307	429.2707	0.0033117	302.0225	0.0033117	302.0225	0.0033117	302.0225	0.0033117	302.0225	1.298291	198.391	0.0462731	52.1369	58.1763	42.2196	1
cg13539342	SCARNA9L;EIF1AX	0.05362212	0.0111756	0.0664847	-15.0411	0.988522	1.01234	1.01234	0.745112	0.7572332	-1.3206	0.172666	3.44615	3.44615	0.233392	2.90123	2.90123	0.7588045	0.769206	-1.30004	0.310262	0.4085821	-2.44749	0.7073615	0.725067	-1.37918	0.00748129	0.0531094	-18.8291	1.29877	37.9695	10.2313	1
cg19248162	PLXNA4	0.05362215	0.221602	0.847515	-1.17993	0.324429	0.176353	-5.67	0.0155656	0.166419	-6.00889	0.148818	0.402936	-2.48179	0.0137923	0.167462	-5.9715	0.0858566	1.27341	1.27341	0.0620164	0.1743159	-5.74033	0.0127303	0.680862	-1.4559	0.0966358	0.342754	-2.91754	1.298291	18.0062	4.85175	1
cg00171781	MDS2	0.05362233	0.0555289	0.26939	1.26939	0.913369	1.01203	1.01203	0.00780728	0.687012	-1.45558	0.419869	1.09483	1.09483	0.141761	-1.18624	1.18624	0.154052	1.18263	1.18263	0.0743144	1.24433	1.24433	0.282453	1.13063	1.13063	0.086358	1.998122	1.100188	1.298174	0.631338	0.170122	1
cg16067045	ADAMTS17	0.053623	0.121663	0.768649	-1.30098	0.0557951	0.711908	-1.40468	0.00378767	0.541981	-1.84508	0.053999	0.709642	-1.40916	0.0255934	0.659751	-1.51572	0.340391	0.988863	-1.01126	0.111213	0.761791	-1.3127	0.767778	0.954628	-1.04753	0.248828	0.827767	-1.20807	1.29872	1.2847	0.346181	1
cg14793491	NDUFV2	0.05362314	0.4790457	0.931132	-1.07389	0.7307025	1.10797	1.10797	0.0307525	1.047	1.047	0.138888	1.17959	1.17959	0.0398807	1.25478	1.25478	0.0588966	1.14756	1.14756	0.454612	0.8240248	-1.08207	0.5636934	1.43087	1.43087	0.2482757	1.13573	1.13573	1.29872	0.5616436	0.153141	1
cg15964468	ZSCAN12	0.05362344	0.04057568	7.98804	7.98804	0.0414956	7.9008	7.9008	0.180105	3.49601	3.49601	0.367064	0.442771	-2.2585	0.0163152	0.239162	2.39162	0.334412	2.39963	2.39963	0.0114901	0.16.1191	16.1191	0.023412	10.8165	10.8165	0.0506104	6.70724	6.70724	1.29869	40.3883	10.8833	1
cg22014194	GAUNT11	0.05362357	0.0934307	0.579731	-1.72496	0.344594	0.732475	-1.36524	0.0409151	0.522637	-1.9137	0.0962966	0.660376	-1.51393	0.0548824	0.468617	-2.13442	0.3305331	0.7996	-1.25063	0.0544802	0.4384617	-2.28075	0.1988003	1.67407	1.67407	0.1627223	0.535464	-1.86788	1.298674	4.90383	1.30383	1
cg17520215	GAS2L3	0.05362666	0.1125881	2.14864	2.14864	0.240538	0.580379	-1.72301	0.114956	0.4681564	-2.13605	0.165668	1.92447	1.92447	0.0147209	2.62465	2.62465	0.3.77857	0.114487	2.13851	2.13851	0.521959	1.33292	1.33292	0.679446	0.831948	-1.202	0.112897	2.14694	2.14694	1.29864	10.2427	2.76012	1
cg14217091	TRAF3;TRAF3;TRAF3	0.05362723	0.0102041	0.360165	-2.77651	0.462911	0.790111	-1.26564	0.0148522	0.388773	-2.5722	0.818199	1.07529	1.07529	0.156104	0.619785	-1.61346	0.675651	0.857755	-1.14187	0.220906	0.8.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.298291	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.3994	1
cg20550950	CAB39;CAB39;CAB39	0.05362874	0.1509602	-7.0952	-7.0952	0.0141157	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.0036225	0.0429207	0.0023307	429.2707	0.0033117	302.0225	0.0033117	302.0225	0.0033117	302.0225	0.0033117	302.0225	1.298291	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.3994	1
cg16626405	TPS3NP2	0.05362876	0.0111492	0.370954	-2.69575	0.272972	0.700721	-1.4271	0.365382	1.3363	1.3363	0.458941	0.79052	-1.26499	0.00901477	0.355251	-7.81491	0.4419313	1.27688	1.27688	0.0572513	0.5114559	-1.95519	0.180973	0.642273	-1.55697	0.333701	0.732854	-1.36453	1.29861	5.07628	1.36792	1
cg13553147	SNORD38B;RPS8	0.05362876	0.0072472	0.712435	-1.40355	0.104406	0.561737	-1.78077	0.0155656	0.166419	-6.00889	0.148818	0.402936	-2.48179	0.0137923	0.167462	-5.9715	0.0858566	1.27341	1.27341	0.0620164	0.1743159	-5.74033	0.0127303	0.680862	-1.4559	0.0966358	0.342754	-2.91754	1.298291	18.0062	4.85175	1
cg09683562	RNF135;RNF135	0.05362887	0.560608	0.581334	-1.72018	0.1830636	16.5338	0.364134	0.0844155	0.81027	1.81027	0.132777	4.46005	4.46005	0.299449	0.3710.97	2.69471	0.252915	1.00649	0.315464	15.5223	0.5.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.298291	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.3994	1
cg10731507	MRAS;MRAS	0.05362892	0.466552	0.938436	-1.0656	0.969618	0.996886	-1.00312	0.0484222	1.20283	1.20283	0.384722	1.07572	1.07572	0.0458051	1.20623	1.20623	0.402236	1.07273	1.07273	0.0224468	0.7993551	-1.25102	0.281548	1.09599	1.09599	0.0337705	1.2251	1.2251	1.29858	0.350403	0.0944254	1
cg10025390	FAM188B	0.05362907	0.7099882	1.35152	1.35152	0.0374546	1.29655	1.29655	0.0221545	1.66309	0.0443522	0.654546	-1.52778	0.549237	0.894755	0.11762	0.1012513	0.4782662	1.1007	1.1007	0.0530014	1.48177	1.48177	0.4830569	1.1591	1.1591	0.1636333	1.31164	1.31164	1.29946	1.75977	0.47409	1
cg20506344	MED28	0.05362925	0.467498	1.14164	1.14164	0.248108	0.49897	0.49897	0.0760661	0.145917	1.45917	0.64109	0.910532	-1.08265	0.0237457	0.808377	-1.23705	0.0718569	1.43344	1.43344	0.0127013	0.57411	-1.74183	0.993958	0.998644	-1.00136	0.859937	1.03215	1.03215	1.298577	1.6773	0.451993	1
cg26417871	ROCK1	0.05362945	0.0845804	0.2552	-3.91804	0.0.1204	0.564202	-1.7809	0.0178256	0.2.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.2.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.298291	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.3994	1
cg14753809	PROS1	0.05363007	0.580871	1.23524	1.23524	0.7469	0.884551	-1.13052	0.0586367	0.44519	-2.24623	0.876582	0.942821	-1.06065	0.0034841	0.2227	-4.49035	0.459903	1.32983	1.32983	0.168106	1.74454	1.74454	0.834478	0.923788	-1.0825	0.0881646	0.490249	-2.03978	1.298454	7.40797	2.02055	1
cg01240413	DLGAP3	0.05363027	0.2543391	1.60608	1.60608	0.0188032	1.57744	1.57744	0.0221545	1.66309	0.0443522	0.654546	-1.52778	0.549237	0.894755	0.11762	0.1801884	0.7879553	1.26974	1.26974	0.0530014	1.48177	1.48177	0.4830569	1.1591	1.1591	0.1636333	1.31164	1.31164	1.29946	1.75977	0.47409	1
cg22787191	KIF26B	0.05363034	0.850684	1.02857	1.02857	0.18041	1.23691	1.23691	0.0954477	0.760516	-1.3149	0.0760528	0.342313	2.34233	0.139443	0.70134	-1.42604	0.0262664	1.48291	1.48291	0.0127004	1.502332	1.502332	0.170546	1.24758	1.24758	0.163888	0.799912	1.25014	1.29848	1.16721	0.314544	1
cg04536393	C16orf91	0.05363141	0.679587	0.872861	-1.14566	0.347831	0.728716	-1.37228	0.096088	0.549727	-1.81909	0.150585	0.603845	-1.65605	0.00157257	0.226148	-4.42188	0.28674	1.43646	1.43646	0.808171	0.9234551	-1.08289	0.30734	0.647045	-1.54549	0.311056	0.709532	-1.40938	1.29846	5.59985	1.50908	1
cg13443893	DKAN;DAKK;DAKK;DAKK	0.05363156	0.1215247	1.09205	1.09205	0.1906	1.23877	1.23877	0.0307525	1.047	1.047	0.138888	1.17959	1.17959	0.0398807	1.25478	1.25478	0.0588966	1.14756	1.14756	0.454612	0.8240248	-1.08207	0.5636934	1.43087	1.43087	0.2482757	1.13573	1.13573	1.29872	0.5616436	0.153141	1
cg08274518	CLASP2	0.05363667	0.0244667	0.112778	-8.86695	0.0321101	0.129523	-7.72065	0.0943303	0.2237136	-4.46995	0.106529	0.238145	-4.19913	0.0527556	0.166523	-6.00516	0.0815525	0.207682	-4.81506	0.0348754	0.135066	-7.40381	0.0094378	0.0686556	-14.5655	0.149047	0.2837	-3.52484	1.2984	34.6287	9.33212	1
cg13144121	NKX6-2	0.05363682	0.914222	0.9649	-1.03702	0.2008457	1.18985	1.18985	0.0442365	0.8665915	-1.15156	0.627637	1.15419	1.15419	0.0775153	0.484096	-2.06537	0.907551	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	1.298291	0.9.1.1.1	0.9.1.1.1	0.9.1.1.1	1.4312	1.2984	5.464443	1.492112	1.2984	1
cg12555231	MAN2A2	0.053671	0.508188	0.884941	-1.13095	0.0753884	0.663053	-1.50817	0.364587	1.21334	1.21334	0.809044	0.898463	-1.11301	0.642031	0.948705	-1.1767	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	1.298291	0.6.1.1.1	0.6.1.1.1	0.6.1.1.1	2.21143	1.29839	2.25067	0.6005137	1
cg21564289	FNDC3B;FNDC3B	0.05363838	0.23872	0.798779	-1.25191	0.952088	0.71627	-1.39612	0.0271397	0.62114	-1.60994	0.471112	1.1428	1.1428	0.0221978	0.6070334	-1.64735	0.0135866	0.636372	-1.57141	0.0152341	0.639836	-1.5629	0.434818	0.86495	-1.15614	0.0276564	0.622476	-1.60649	1.298377	1.73175	0.466695	1
cg13245539	MIR33B;SREBF1;SREBF1	0.05363897	0.0893668	0.449183	-2.22564	0.0.1753	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	2.2464883	1.96381	1.96381	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	1.298291	0.1.1.1.1	0.1.1.1.1	0.1.1.1.1	4.3732	1
cg08939847	MCC	0.05364004	0.9841981	1.00565	1.00565	0.0082473	0.382506	-2.61434	0.0259407	0.4714443	-2.12115	0.516449	0.829346	-1.20577	0.586027	0.855206	-1.16931	0.8714931	0.954998	-1.04712	0.029087	0.27837	0.27837	0.730432	0.906307	-1.10338	0.25224	0.7116644	-1.4052	1.298311	4.2261	1.13893	1
cg12125567	STAIP6	0.05364021	0.305471	0.782842	-1.2774	0.798953	1.06079	1.06079	0.18414	1.72165	-1.38511	0.703655	1.0924	1.0924	0.882999	0.9664955	-1.03467	0.7835547	1.06574	1.06574	0.1705674	1.39033	1.39033	0.4548709	1.34659	-2.88526	0.620706	0.8910158	-1.12226	1.29827	2.79314	0.752754	1
cg01239141	RIN3	0.05364224	0.0311777	0.675031	-1.48141	0.875827	1.0246	1.0246	0.162806	0.799308	-1.26054	0.063542	0.723092	-1.38295	0.05395	0.7717761	-1.40497	0.910462	0.982669	-1.01764	0.301961	1.1808	1.1808	0.0233768	0.5235	0.5235	0.799941	0.961304	1.04025	1.298727	1.26165	0.340016	1
cg27474175	ZFAND6	0.05364225	0.0285366	0.391034	-2.55732	0.0466194	0.436944	-2.28862	0.221025	0.626581	-1.59596	0.931473	0.969231	-1.03175	0.0189838	0.356259	-2.80694	0.3608099	1.06581	1.06581	0.0128713	0.3255545	-3.07177	0.5159044	1.25581	1.25581	0.106597	0.527164	-1.89684	1.29826	6.89728	1.85883	1
cg20706827	ZFYVE16;ZFYVE16	0.05364255	0.2708051	1.2155	1.2155	0.1906	1.23877	1.23877	0.0307525	1.047	1.047	0.138888	1.17959	1.17959	0.0398807	1.25478	1.25478	0.0588966	1.14756	1.14756	0.454612	0.8240248	-1.08207	0.5636934	1.43087	1.43087	0.2482757	1.13573	1.13573	1.29872	0.5616436	0.153141	1
cg07908142	RPL39	0.05364633	0.672459	0.869418	-1.15019	0.5514443	0.0528	0.0528	0.218706	0.653317	-1.53065	0.0238179	0.24923	0.24923	0.407824	0.528744	-1.89127	0.0358319	0.447717	-2.23355	0.945152	0.1229	0.1229	0.271493	1.45745	1.45745	0.680902	1.14576	1.14576	1.29824	5.65631	1.5244	1
cg15377933	TBC1D16	0.05364636	0.1326434	0.818373	-1.22187	0.6104721	0.863033	-1.15945	0.563686	0.8.1.1.1	-1.63689	0.157284	0.964423	-1.03689	0.0517282	0.722783	-1.38383	0.2.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	1.298291	0.8.1.1.1	0.8.1.1.1	0.8.1.1.1	2.84177	1.29824	6.8433	1.84233	1
cg00967885	SNCB;SNCB	0.05364654	0.913849	1.05251	1.05252	0.4488	1.44063	1.44063	0.0512871	2.85569	2.85569	0.923504	0.955591	-1.04647	0.283759	0.590541	-1.69336	0.9170115	1.05053	1.05053	0.00269013	0.1406515	-7.11161	0.684739	0.824431	-1.21296	0.206257	0.532291	-1.87867	1.2982	1.16855	0.314933	1
cg20540714	TFAP2A;TFAP2A	0.05364673	0.664602	1.43215	1.43215	0.675562

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1471 vs. N)	Fold-Change(1471 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5433 vs. N)	Fold-Change(5433 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg01530883	BIRC3;BIRC3	0.0537066	0.0317551	2.274951	1.63701	0.2724952	0.55643	-1.76648	0.0728362	0.358298	-2.79097	0.0611963	0.338914	-2.59106	0.0440563	0.305228	-3.27524	0.0732829	0.159	-2.78551	0.0103492	0.130788	-5.24141	0.0754418	0.362353	-2.75974	0.021401	0.242196	-4.1289	0.29675	13.7362	3.70364	1
cg23652093	MAP6;MAP6	0.0537089	0.0308544	0.186486	-5.36233	0.0348286	0.196051	-5.1007	0.207267	0.414385	-2.41339	0.223325	0.428465	-2.33091	0.0906054	0.111153	8.99663	0.194879	0.403213	-2.48008	0.326512	0.511191	-1.95622	0.0238031	0.167465	-5.97141	0.0219662	0.161953	-6.17462	1.2967	22.9105	6.17736	1
cg00459445	GLCCI1	0.0537098	0.0127769	0.318329	-3.1414	0.104626	0.518715	-1.92784	0.152334	0.567009	-1.76364	0.67895	0.857254	-1.16652	0.00903624	0.292861	-3.41459	0.0894943	0.500158	-1.99937	0.0244023	0.37064	-2.69803	0.695505	1.15669	1.15669	0.383344	0.717293	-1.39413	0.29667	7.15012	1.9279	1
cg16489610	CPA2	0.05371	0.1031321	0.396388	-2.52329	0.175581	0.473497	-2.11211	0.647468	1.27	1.27	0.240757	0.528358	-1.89186	0.0617625	0.354405	-2.98069	0.3475421	0.605249	-1.65221	0.00726754	0.165768	-6.03473	0.0584871	0.318957	3.031957	3.031957	0.296048	0.569788	-2.75504	0.29667	14.071	3.79401	1
cg13261536	ZFP41	0.0537101	0.7983568	0.912696	-1.09135	0.528442	1.24355	1.24355	0.953301	0.980201	-1.0202	0.260671	0.669922	-1.49271	0.0134399	0.351656	-2.84369	0.0142371	0.356127	-2.80799	0.895533	1.04588	1.04588	0.146666	1.66266	1.70223	1.70223	0.113404	1.80082	1.80082	3.29667	6.08782	1.64147	1
cg14221825	SIX5	0.0537142	0.0263164	0.563857	-1.7735	0.753581	0.933809	-1.07088	0.163195	0.723498	-1.38217	0.644651	0.903939	-1.10627	0.76277	0.936288	-1.06805	0.357971	0.814183	-1.22823	0.622613	1.11391	1.11391	0.0592435	0.629309	-1.58904	0.00915065	0.205416	2.05416	2.05416	2.96667	2.46906	0.665758	1
cg16009120	CLEC4E	0.0537153	0.0468546	0.329454	-3.03532	0.929566	0.957778	-1.04408	0.0951367	0.403872	-2.47603	0.0732608	0.377307	-2.65036	0.0079173	0.187784	-5.26915	0.382409	0.645902	-1.54822	0.853626	0.918321	-1.09431	0.00761136	0.18738	-5.33675	0.430849	0.675476	-1.48044	0.29654	12.4317	3.35211	1
cg12198524	CUBN	0.0537159	0.332749	1.53902	0.9314498	1.03635	1.03635	1.03635	0.0217498	1.26471	1.26812	1.26812	7	7	0.0207134	1.60685	1.60685	0.629007	0.858078	-1.16509	0.488305	1.24136	1.24136	0.714297	0.893252	-1.1195	0.0205985	0.424774	2.35419	2.92653	4.92136	1.32701	1
cg23278908	NCAPH	0.053716	0.0019213	0.55161	-1.81287	0.102951	1.27335	1.27335	0.513465	0.69392	-1.09392	0.828321	0.919169	-1.08755	0.19316	0.829821	-1.20507	0.371659	0.883158	-1.13203	0.81025	1.01404	1.01404	0.676191	1.05855	1.05855	0.909733	1.01548	1.01548	1.02653	0.957981	0.258314	1
cg15723468	GAINT2	0.0537173	0.243628	0.668638	-1.49558	0.0291238	0.428115	-2.33582	0.212471	1.5423	1.5423	0.577381	0.830503	-1.20409	0.0320969	0.436771	-2.28953	0.480491	0.789292	-1.26696	0.23132	0.660843	-1.51322	0.244295	1.49465	1.49465	0.0113294	0.351269	-2.84682	2.9065	5.68333	1.53249	1
cg15873123	DPPA3	0.0537177	0.8188467	0.876558	-1.14079	0.4678	0.776035	0.868368	-1.1777	0.0194401	0.60594	-1.65033	0.12077	0.380474	-2.6283	0.241887	0.440407	-2.22505	0.154	-6.49	0.241887	1.129991	-7.69285	0.0251996	0.216811	-4.6123	7	0.244001	11.5271	4.64325	1
cg08606174	SPATS1	0.0537178	0.281581	0.731564	-1.36693	0.156758	0.655049	-1.5266	0.0245028	0.473618	-2.11365	0.604082	0.883856	-1.13141	0.0301218	0.409054	-2.44466	0.0216613	0.462883	-2.15991	0.29537	1.33405	0.460825	1.23333	1.23333	0.263904	0.72339	-1.38238	0.26649	4.07312	1.0983	1
cg14131742	VTI1B	0.053718	7	7	7	0.0103172	5.3719	5.3719	7	7	7	7	7	7	0.0190029	0.518815	-1.93566	0.519649	0.109227	1.1342	7	7	0.39759	0.573729	-1.74298	0.394061	1.51793	1.51793	0.24142	7.98417	2.52891	1
cg17570505	PARM1	0.0537204	0.546466	0.800227	-1.12331	0.4958375	1.14081	1.14081	0.0442867	0.643912	-1.55301	0.982882	0.995921	-1.0041	0.0155176	0.568028	-1.76048	0.640191	1.09184	1.09384	0.0126707	0.554127	-1.80464	0.141084	1.352	1.352	0.536657	1.887625	-1.1266	1.29647	1.8952	0.511037	1
cg07540593	TIMM8B;SDHD;TIMM8B	0.0537186	0.510299	0.83731	-1.19228	0.2857	0.746772	-1.3391	0.0227222	0.37801	3.078011	0.028552	1.54125	1.54125	0.134529	0.653491	-1.53259	0.61443	1.14113	1.14113	0.926103	0.975833	-1.02676	0.691317	1.11082	1.11082	0.628594	1.13696	1.13696	1.29647	3.62066	0.976307	1
cg12984086	GOLGA4	0.0537319	0.3253132	0.56046	-1.78425	0.243857	0.622313	-1.60627	0.044881	0.598596	-1.08862	0.389673	0.745157	-1.46517	0.0287501	0.532066	-1.87949	0.0977618	0.454375	-2.2008	0.0250574	0.30009	-3.33233	0.0639085	0.214894	-4.65346	0.304889	0.631039	-1.58469	0.29646	9.80272	2.6433	1
cg22903655	GTF3C2;GTF3C2	0.0537201	0.5300381	1.06321	1.06321	0.6650029	1.22097	1.22097	0.0108017	1.36141	1.36141	0.375112	0.916023	-1.09168	0.405189	0.921216	-1.08552	0.648264	1.04525	1.04525	0.0252488	0.775856	-1.29223	0.276292	0.896627	-1.11529	0.788702	1.02622	1.02622	1.29643	0.484716	0.130704	1
cg23732384	MAP2K7	0.0537204	0.837768	1.16027	1.1607	0.914857	0.972533	-1.08081	0.744858	1.2612	1.26812	7	7	7	0.0231718	0.631918	1.42133	1.42133	7	7	7	7	0.00949018	0.0184026	-26.0277	0.630557	1.42337	1.42337	0.143664	21.9943	5.30791	1
cg00791221	LCTL	0.0537234	0.328866	0.7609509	-1.29953	0.536921	0.74555	-1.17455	0.424655	0.811573	-1.23127	0.389669	0.797167	-1.25444	0.0839594	1.01535	1.83194	0.203101	1.4127	1.4127	0.644312	0.2910607	1.8354006	-1.32544	0.712806	1.9209337	1.9209337	0.165335	3.45253	0.9310303	1
cg06538771	TRABD	0.0537242	0.532974	1.35958	1.35958	0.1096655	3.93851	3.93851	0.0758078	2.61503	2.61503	0.52584	0.731477	-1.3671	0.0464943	0.329828	-3.03188	0.0311719	0.292248	-3.42175	0.617712	0.782888	-1.27732	0.786547	1.14115	1.14115	0.462522	0.69503	-1.43879	0.39633	12.3534	3.33122	1
cg22679725	FCHSD2;FCH3	0.0537248	0.0403344	0.673207	-1.48564	0.133741	0.764881	-1.3425	0.0445356	0.682237	-1.46577	0.203658	0.385096	-2.59576	0.0196868	0.298566	-3.3493	0.207261	0.796048	-1.25574	0.445295	0.875065	-1.14539	0.0288431	0.0851996	0.216811	-4.6123	7	0.244001	11.5271	4.64325	1
cg03020424	CPA3	0.0537251	0.325318	1.21478	1.21478	0.469202	0.868433	-1.1515	0.0337374	0.621882	-1.60802	0.0118784	1.82499	1.82499	0.240008	1.26577	1.26577	0.118445	1.38163	1.38363	0.115146	1.31886	1.38801	0.285129	0.808414	-1.23699	0.53683	1.12728	1.12728	1.29631	1.91586	0.516633	1
cg04324746	ITIH2	0.0537265	0.1233375	0.700184	-1.42806	0.3690449	0.619159	-1.34315	0.0917282	0.38172	-2.62019	0.254996	0.778496	-1.28486	0.0033576	0.228657	-4.37356	0.0138227	-1.24297	0.0033754	0.804511	-2.20211	0.0819878	0.296628	-3.37042	0.100217	0.100217	0.737168	0.777122	1.29648	2.68407	1.03965	1
cg01205038	RIN3	0.05378	0.033579	0.355998	-2.809	0.833002	0.09182	0.09182	0.25851	0.612322	-1.63313	0.0213398	0.316335	-3.1612	0.0575497	0.409202	2.44378	0.184748	0.556975	-1.79541	0.0195906	0.309307	-3.23303	0.926178	0.962178	-1.03931	0.0150846	0.288644	-3.46448	0.29624	0.03628	2.43679	1
cg25711575	PDE11A;PDE11A;PDE11A	0.0537303	0.922509	1.01605	1.01605	0.709902	0.106305	0.0211995	0.57361	1.57361	0.8010001	0.042191	0.116172	-1.06119	0.0116219	0.617887	-1.61842	0.597674	1.09101	1.09101	0.106939	0.630664	-1.58563	0.542466	1.10616	1.10616	0.86616	0.972775	-1.02799	1.29619	1.39788	0.376968	1
cg05004759	DUSP7	0.0537309	0.0676928	0.768614	-1.3012	0.369049	1.26281	1.26281	0.124621	0.624887	1.42681	1.42681	1.42681	1.42681	0.0847308	0.590795	-1.69264	0.264577	1.38681	1.38681	0.0907156	0.725464	1.2.64E+06	0.807238	0.284645	2.59066	2.59066	0.218681	4.72801	1.81657	1.13337	1
cg26776742	KPNA5	0.0537311	7	7	7	0.305346	0.713131	-1.40191	7	7	7	0.557118	1.20804	1.20804	0.229562	0.669462	-1.49374	0.0047190	0.302725	-3.30332	0.0559656	0.502015	-1.99197	0.841479	1.06581	1.06581	0.358245	1.35081	1.35081	1.40295	4.24679	1.42625	1
cg26494225	ZNF429	0.0537325	0.00554048	0.781559	-1.27949	0.1898004	0.010206	-1.08865	0.266037	0.6342623	-1.08152	0.84141	0.95	1.00364	0.0166564	1.1571	1.1571	1.1571	1.1571	1.1571	1.1571	0.173226	1.10296	1.10296	0.412284	1.14364	1.14364	0.238704	0.6447227	1	1
cg25381091	RXRB	0.0537328	0.895884	0.962605	-1.03498	0.36489	0.783115	-1.27695	0.130778	0.651513	-1.53489	0.0534821	0.562189	-1.77876	0.0222077	0.324015	-3.08628	0.023829	0.492535	-2.03031	0.332121	0.768949	-1.30048	0.801332	0.935875	-1.06852	0.662923	1.89128	1.12206	1.29613	1.59946	0.97069	1
cg15261712	CD6;CD6G	0.0537334	0.0067559	0.845236	0.845236	0.0560902	3.72575	3.72575	0.408782	1.67126	1.67126	0.092308	0.38411	3.08411	0.320411	1.86657	1.86657	0.885575	0.91619	-1.09148	0.599918	0.7244895	-1.37951	0.017742	5.77001	5.77001	0.052601	3.8172	3.8172	1.29612	19.2902	5.20214	1
cg24481801	GSTM4;GSTM4;GSTM4	0.0537335	0.0460503	0.6.E+06	0.6.E+06	0.0473149	1.56487	1.56487	0.944494	2.02094	2.02094	0.182736	2.34567	2.34567	0.0844595	1.21906	1.21906	0.065974	1.84771	1.84771	0.731486	0.9025591	-1.10796	0.0463141	1.52293	1.52293	0.962442	1.2471	1.2471	1.29615	3.11979	0.846738	1
cg19231743	GAINT11	0.0537347	0.0810827	0.622302	-1.60694	0.56134	0.865856	-1.15493	0.110557	0.652826	-1.5318	0.0113154	0.459388	-2.17681	0.121733	0.66271	-1.50896	0.29747	0.767288	-1.30329	0.0515111	0.722011	1.72201	0.8783	0.963118	-1.03829	0.226914	1.36496	1.36496	1.29609	3.13979	0.846738	1
cg06451553	PITPNM2	0.0537353	0.2128826	1.234803	1.234803	0.2722807	0.748264	-1.42564	0.0784705	0.512294	1.310212	0.496705	0.743315	-1.34577	0.0299217	0.481564	-2.07766	0.2255189	0.852055	-1.17348	0.0808082	0.626434	-1.59677	0.0202097	0.544114	-1.83754	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29615	3.13979	0.846738	1
cg15534755	TAGLN;TAGLN	0.053737	0.0377264	0.257731	-3.88002	0.0128243	0.69075	5.69075	0.461575	1.5245	1.5245	0.715775	1.22841	1.22841	0.124616	0.3924446	2.54812	0.08901	1.87253	1.87253	0.142426	0.411861	-2.428	0.793857	0.863013	-1.15873	0.664386	0.782246	-1.27837	0.29603	16.5219	4.4557	1
cg15142488	LYPD4;DMRTC2	0.0537371	0.328289	1.28582	1.28582	0.107008	1.55019	1.55019	0.0442361	1.77801	1.77801	0.382728	1.24985	1.24985	0.281502	1.32162	1.32162	0.76186	0.927072	-1.07867	0.00244166	0.285669	2.85969	0.0340776	1.85192	1.85192	0.20796	1.39206	1.39206	1.29603	3.24038	0.873881	1
cg04139465	LRRC49	0.0537375	0.4201	-1.75212	-1.75212	0.3690449	1.26281	1.26281	0.124621	0.624887	1.42681	1.42681	1.42681	1.42681	0.0847308	0.590795	-1.69264	0.368561	0.708526	1.41112	0.784414	0.570155	1.57007	0.408634	1.37107	1.37107	0.626088	0.83004	-1.20476	0.29602	7.72922	1.96531	1
cg01983698	LOC199959	0.0537381	0.829434	0.926633	-1.07918	0.370387	1.38386	1.38386	0.529197	1.25251	1.25251	0.0250031	2.56483	2.56483	0.462392	0.767801	-1.30242	0.0548487	2.15784	2.15784	0.2192	0.63358	-1.57833	0.00563489	0.680343	0.680343	0.489414	0.28168	0.28168	1.29601	6.51185	1.75616	1
cg20563534	ARVCF	0.0537408	0.0266358	0.711522	-1.40539	0.0768746	0.926536	-1.11543	0.199267	0.6602032	-1.51469	0.0305757	0.666257	-1.50092	7	7	7	0.0051417	0.2187	-4.57389	0.0.E+00	0.0.E+00	0.144332	0.2009438	0.140027	7.14286	7.14286	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29604	3.18041	0.857193	1
cg00876501	EIF4E;EIF4E;EIF4E;EIF4E	0.0537388	0.0313638	0.5199553	-1.92325	0.0934152	0.725475	-2.34877	0.122266	0.648052	-1.54309	0.915686	1.02781	1.02781	0.0074014	0.555134	1.80137	0.591239	0.868994	-1.15076	0.0147439	0.45962	-2.17571	0.0876144	0.613622	-1.62967	0.811657	0.940042	1.06378	1.29599	1.50202	0.944452	1
cg15246989	PLXDC1	0.0537425	0.828991	1.08742	1.08742	0.1118048	0.295741	-1.38134	0.00460097	0.231934	-4.31158	0.574331	1.24594	1.24594	0.177433	0.57386	-1.74259	0.69968	0.860549	-1.16205	0.0816468	0.473546	-2.11211	0.36284	0.69603	-1.43672	0.164064	0.56253	-1.77768	1.29599	7.83622	2.11339	1
cg18.2085179F	RBM28	0.0537426	7	7	7	0.0208006	0.0836156	-1.15431	0.199267	0.6602032	-1.51469	0.0305757	0.666257	-1.50092	7	7	7	0.2941272	0.529131	-1.88989	0.0134276	0.228775	-4.37111	0.592705	1.36962	1.36962	0.507458	0.675608	-1.47995	0.58738	14.9901	4.08018	1
cg18634211	LIN28	0.0537434	0.61292	1.36472	1.36472	0.869467	0.904614	-1.10544	0.990106	0.99247	-1.00759	0.229605	0.21622	2.15622	0.0016601	1.3804	1.3804	0.0531469	3.81602	3.81602	0.0015766	0.105271	-9.49932	0.091058	3.10966	3.10966	0.309894	0.527045	-1.89737	1.29588	19.3927	5.23014	1
cg04691895	DPYSL4	0.0537434	0.348216	0.8.E+06	0.8.E+06	0.0772572	0.769514	0.769514	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.329562	0.606123	-1.64934	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29588	3.13937	0.846738	1
cg15703690	IL6	0.0537463	0.0663105	0.465951	-2.14615	0.0609325	0.457241	-2.18703	0.3197	0.683202	-1.4637	0.136101	0.551464	-1.81336	0.147953	0.5626278	-1.77721	0.6686811	1.4700317	-2.12749	0.00541579	0.257673	-3.88088	0.0164002	0.33732	-2.96455	0.0618083	0.458747	-2.17985	1.29581	7.16468	1.93233	1
cg11040394	GLI1R	0.0537468	0.682523	1.05631	1.05631	0.0894761	0.141441	0.141441	0.853549	0.975737	-1.02546	0.515107	0.955836	-1.04591	0.0042159	0.449854	-2.22437	0.173226	1.10296	1.10296	0.412284	1.14364	1.14364	0.238704	0.6447227	1	1	1.29588	3.13937	0.846738	1
cg26258116	PCYOX1	0.0537527	0.51737	1.17078	1.17078	0.0704849	1.62553	1.62553	0.704382	1.19212	1.19872	0.738695	0.858624	1.1872	0.738695	1.08373	1.08373	0.883378	1.03588	1.03588	0.0109273	0.464295	-2.1538	0.0224586	1.92844	1.92844	0.0.E+00	0.0.E+00	1.55372	1.55372	1.29577	1.01113	0.281212	1
cg13445796	DBX1	0.0537487	0.656549	0.765551	-1.30625	0.605089	0.732436	-1.36531	0.621445	1.34598	1.34598	0.28777	1.93251	1.93251	0.296629	0.524165	-1.9078	0.257396	2.02494	2.02494	0.52125	1.47135	1.47135	0.00123157	16.7888	16.7888	0.626443	1.34018	1.34018	1.29576	18.5991	5.01631	1
cg25135922	UNG	0.0537489	0.0019592	0.417907	-2.39251	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.42294	1.42294	0.0.E+00	0.0.E+00	0.0.E+00	0.1962	0.364866	2.73994	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29576	3.13946	0.846738	1
cg08980355	GDPD4	0.0537507	0.508819	0.706208	-1.41601	0.869309	0.909458	-1.09956	0.0796184	0.325863	-3.06876	0.0260464	0.218225	-4.58242	0.00767291	0.187383	-7.2055	0.025339	0.326172	0.557517	-1.79367	0.0321086	0.235307	-4.24977	0.29571	17.3384	4.67635	1
cg20583615	PTPN22;PTPN2-PTPRN2	0.0537509	0.6356669	1.129119	1.129119	0.0379912	3.3494	3.52794	0.859502	0.90568	-1.10414	0.079513	2.871	2.871	0.0633259	0.348772	-2.86622	0.0736492	2.84351	2.84351	0.0.E+00	0.394407	-2.53545	0.149452	0.87748	0.87748	0.29571	0.87748	0.29571	1.29571	2.43585	3.80437	1
cg01209530	FBXW10	0.0537517	0.201047	0.66261	-1.50918	0.586603	1.18216	1.18216	0.177605	0.71668	1.31768	0.457336	0.793985	-1.25947	0.0379171	0.480183	-2.08254	0.197836	1.3015	1.3015	0.457432	0.519449	-1.92512	0.00457526	0.316416	0.316416	0.156039	0.529974	0.823727	-1.21399	1.29569	4.84878	1.30778	1
cg07774177	PLA2G4D	0.0537519	0.174357	0.723083	-1.38297	0.229955	0.75024	-1.33291	0.70319	0.917684	-1.0897	0.0404611	0.587995	-1.7007	0.0899423	0.48134	-2.07753	0.0103633	0.484544	-2.0638	0.452304	1.18746	1.18746	0.993046	1.00196	1.00196	0.0930699	0.66061	-1.51375	1.29568	2.62825	0.708875	1
cg07153826	RPS21	0.053735	0.0859082	0.6.E+06	0.6.E+06	0.0.E+00	0.225957	0.225957	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29568	3.13937	0.846738	1
cg03673989	B4GALNT4	0.0537547	0.0341895	0.424285	-2.3569	0.0190446	2.67696	2.67696	0.0357603	0.428422	-2.33415	0.25474	1.51066	1.51066	0.947022	0.97721	-1.02332	0.0942312	1.8932	1.8932	0.639094	1.17806	1.17806	0.962884	1.01627	1.01627	0.919793	0.965661	-1.03556	1.29562	6.28204	1.69438	1
cg26777993	MMP20	0.0537548	0.0800273	0.60903	-1.64196	0.823818	0.944666	-1.05858	0.0336645	0.523292	-1.88942	0.162342	0.683272	-1.46355	0.0099143	0.435849	-2.29437	0.0316603	0.837733	-1.22289	0.0142403	0.4619212	-2.16485	0.0929665	1.33338	1.33338	0.455199	0.816606	-1.22554	1.29561	3.4023	0.917664	1
cg02157607	ADAMTS5	0.0537555	0.834645	0.0.E+00	0.0.E+00	0.0066217	0.408834	-2.44598	0.93957	0.980944	-1.01943	0.0639964	1.608151	1.69851	0.598398	1.1444	1.1444	0.810647	0.6628	1.0628	0.402938	1.2426	1.2426	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29561	3.13937	0.846738	1
cg16426779	ITPRIPL2;ITPRIPL2	0.0537566	0.14318	1.19312	1.19312	0.438633	0.915159	-1.09271	0.00610729	0.149431	1.49431	0.0167225	1.38791	1.38791	0.144923	1.19208	1.19208	0.774133	1.03282	1.03282	0.0676767	1.25825	1.25825	0.163683	1.18153	1.18153	0.725139	0.960779	-1.04082	1.29557	0.3657192	0.177313	1
cg10329664	SNORA22;CTEP1	0.0537571	0.9412311	1.02718	1.02718	0.7.E+06	1.27254	1.27254	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.1816564	1.14798	1.14798	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29557	3.13937	0.846738	1
cg06918292	FAM131A	0.0537571	7	7	7	0.0205823	1.13217	1.13217	0.175835	1.78135	1.78135	0.133625	0.916778	1.09167	0.261767	0.62619	-1.59696	0.115997	0.50276	-1.98902	0.0208776	1.32012	1.32012	0.995052	1.00247	1.00247	0.665079	0.840942	-1.18914	1.61533	7.86684	1.90397	1
cg16444403	DSN1;DSN1;DSN1;DSN1;DSN1	0.0537586	0.0482861	0.129941	-7.69579	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	0.0.E+00	1.29557	3.13937	0.846738	1
cg24216233	MICA	0.0537595	0.4665584	0.673254	-1.48532	0.394942	0.627965	-1.59244	0.047281	0.297575	-3.3605	0.581003	0.742534	-1.34674

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	Ratio(111 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06139786	RPF2S	0.0538249	0.75703	0.81997	-1.22851	0.10411455	4.7698	4.7698	0.0784265	3.65569	3.65569	0.2617225	2.15168	0.2115168	2.311612	0.4995513	-2.00195	0.0416165	4.74749	4.74749	0.00582601	10.9603	10.9603	0.2201198	2.35079	2.35079	0.93123	0.045163	-1.05802	1.29396	22.938	6.18991	1
cg27379887	NSFL1C;NSFL1C;NSFL1C	0.053825	0.173876	0.4224215	-2.36734	0.2283688	0.197418	-5.06539	0.1695	0.41822	-2.39109	0.0715181	0.301565	-3.31606	0.00553871	0.114412	8.74031	0.2042534	0.450211	-2.22118	0.0301524	0.218991	-4.5664	0.307557	0.53304	-1.87603	0.0336274	0.228046	-4.38508	1.29396	18.5105	4.95513	1
cg05309877	OMA1	0.0538255	0.14702	0.696525	-1.4357	0.03581158	1.76398	1.76398	0.0128917	2.04926	2.04926	0.155263	0.702281	-1.42393	0.205271	0.713034	-1.36419	0.145759	0.695623	-1.43756	0.505182	0.8545931	-1.17015	0.694778	1.09597	1.09597	0.9030655	1.02872	1.02872	1.29395	2.81731	0.760265	1
cg23811540	MAD2L2;MAD2L2	0.0538258	0.0394344	1.34192	1.34192	0.801457	0.969375	-1.03153	0.146797	1.21064	1.21064	0.3739559	1.19336	1.119336	0.00422241	0.62321	-1.6046	0.7948888	0.968351	-1.03268	0.419248	0.90314	-1.10725	0.801971	1.03151	1.03151	0.429945	0.905332	-1.10457	1.29394	0.7949646	0.214521	1
cg12023170	TCEA3	0.0538268	0.79881	1.13261	1.13261	0.0126086	4.53689	4.53689	0.245284	1.88053	1.88053	0.0623198	2.78146	2.78146	0.039729	0.3137	-3.18776	0.517705	0.726329	-1.37679	0.0579634	2.84323	2.84323	0.222023	1.86962	1.86962	0.458632	1.44472	1.44472	1.29392	12.4004	3.34634	1
cg24172989	TRMT61A	0.0538277	0.221534	0.7708	-1.29705	0.00459605	2.14741	2.14741	0.334477	1.22344	1.22344	0.803506	0.105181	0.105181	0.00404156	0.619304	-1.61542	0.4798111	0.864328	-1.15697	0.5384245	1.11846	1.11846	0.33106	0.816128	-1.2253	0.4006541	0.841958	-1.18771	1.2939	2.14129	0.577846	1
cg11375079	GLRX5;SNHG10;SCARNA13;SNHG10	0.0538294	0.476482	0.8565119	-1.16752	0.3601651	1.22294	1.22294	0.0229153	1.79004	1.79004	0.98191	0.995695	-1.00432	0.9309778	1.01871	1.01871	0.1539558	0.72142	-1.38616	0.00799902	0.4832286	-2.06917	0.412222	1.19645	1.19645	0.2207771	1.31705	1.31705	1.29386	2.3876	0.644324	1
cg04027446	EEF1A1	0.0538302	0.536926	0.910617	-1.09845	0.189389	1.28079	1.28079	0.1413587	1.26534	1.26534	0.561228	1.09196	1.09196	0.05319382	0.577329	-1.73171	0.141111	0.798972	-1.26747	0.0753449	0.7443158	-1.34532	0.472004	0.899239	-1.11577	0.6136905	0.926604	-1.07921	1.29384	1.1699	0.315715	1
cg19887462	PLXNB1;PLXNB1	0.0538312	0.913098	0.9956565	-1.03135	0.8675538	1.785384	1.785384	0.2013048	1.46279	1.46279	0.8986926	1.27011	1.27011	0.00688584	0.573184	-2.69263	0.0911086	0.59044	-1.69365	0.7407579	1.109864	1.109864	0.184311	1.489559	1.489559	0.433397	1.25399	1.25399	1.29381	4.181651	1.128848	1
cg23935255	MIR758;MIR329-2;MIR329-1	0.0538313	0.0752907	1.18606	1.18606	0.00671395	0.127842	-7.82218	0.752206	0.830826	-1.20362	0.328335	0.554137	-1.80461	0.0173078	0.183369	-5.45349	0.85788	0.90043	-1.11058	0.130179	0.384248	-2.60248	0.530099	0.689245	-1.45086	0.8955575	0.926041	-1.07987	1.29381	17.8602	4.81986	1
cg00404046	MYCL1;MYCL1;MYCL1	0.053832	0.906701	0.9820668	-1.01838	0.7911	1.31369	1.31369	0.1245866	1.14083	1.14083	0.7094572	0.945522	0.945522	-1.05986	0.3125668	1.3284	0.9197978	0.809662	-1.23508	0.0504062	0.5574734	1.79477	0.0178702	1.10939	1.10939	0.0601439	1.38712	1.38712	1.2938	1.24249	0.335308	1
cg27366263	CCDC38	0.0538328	0.344989	0.716539	-1.3956	0.00237519	2.153185	-3.94969	0.0127455	0.346262	-2.88799	0.151109	0.591974	-1.68926	0.1425042	0.582649	-1.7163	0.592607	1.20332	1.203332	0.226251	0.6469584	-1.54563	0.535004	0.806295	-1.24024	0.152336	0.591307	-1.69117	1.29378	6.12629	1.6533	1
cg26575000	OTUD7A	0.0538342	0.455369	0.8913358	-1.12197	0.5569955	0.854528	-1.17024	0.0071572	0.388867	-2.57138	0.61446	0.870736	-1.1484	0.00648012	0.582557	-2.16399	0.6079981	0.793712	-1.2599	0.112092	0.4619167	-2.16488	0.608446	1.2595	1.2595	0.874479	0.931856	-1.07313	1.29373	10.3968	2.80581	1
cg18396879	ARNT;ARNT;ARNT	0.0538351	0.876306	1.053514	1.053514	0.274944	0.299711	2.99415	0.299711	0.733853	1.53859	1.53859	0.8152205	0.978532	-1.02708	0.210838	1.16239	0.1002035	0.389736	-2.56627	0.070071	0.101264	11.5568	1.66304	0.585543	1.20247	1.20247	1.29372	5.84864	1.57839	1
cg23774448	FBS1;PKDCC4	0.0538383	0.817225	0.9790233	-1.02678	0.6413257	1.31678	1.31678	0.0045783	1.53859	1.53859	0.8152205	0.978532	-1.02708	0.210838	1.16239	1.16239	0.359488	1.11353	1.113531	0.0863446	0.8205329	-1.24142	0.609755	0.942936	-1.06052	0.7012955	0.957263	-1.04465	1.29365	0.6795558	0.183399	1
cg07627464	LMTK2	0.0538384	0.9144655	1.01933	1.01933	0.00252821	2.11025	2.11025	0.7184668	1.06662	1.06662	0.487577	0.881935	-1.13387	0.4001192	0.857776	-1.16581	0.824276	1.04041	1.040141	0.0363246	1.54269	1.54269	0.262034	0.811928	-1.23164	0.7558864	1.05713	1.05713	1.29364	1.65542	0.446765	1
cg23519272	CDKSR1;CDKSRAP1	0.0538388	0.00669278	0.64904	-1.54034	0.0879575	1.100185	1.100185	0.9344287	0.988971	-1.01013	0.2002322	0.846381	-1.1809	0.1859994	1.18601	1.18601	0.152008	0.828131	-1.20754	0.0156329	0.6979562	-1.43274	0.0834175	0.790184	-1.26553	0.053106	0.889217	-1.12459	1.29364	0.787736	0.212505	1
cg00748014	MYLK4	0.0538393	0.0677912	1.244829	-1.62648	0.0318253	0.151673	-7.59459	0.0470882	0.2100399	-4.75288	0.1922035	0.387959	-2.57772	0.0128935	0.120662	-8.28764	0.0587326	0.231168	-4.32585	0.0163823	0.2416576	-4.13777	0.0261309	0.163591	-6.11279	0.2036777	0.398388	-2.51011	1.29362	24.5461	6.62456	1
cg22158475	CYCSP52;ETV3	0.0538396	0.216354	1.26028	1.26028	0.892546	1.024332	1.024332	0.265689	1.22905	1.22905	0.6410815	1.08707	1.08707	0.2615504	0.8120205	-1.23147	0.01417	0.583805	-1.7129	0.0143348	1.71064	1.71064	0.719236	1.06629	1.06629	0.1783858	0.775484	-1.28952	1.29362	1.64932	0.445123	1
cg08070713	KCNG4	0.0538415	0.0464913	0.5931977	-1.68578	0.8193644	1.19482	1.19482	0.0440837	0.626099	-1.61032	0.1100008	0.870315	-1.14939	0.0823807	0.654618	-1.52739	0.1020804	0.663782	-1.50622	0.0344208	1.69341	1.69341	0.365621	1.27401	1.27401	0.394111	1.2213	1.2213	1.29357	2.736141	0.738437	1
cg10636447	FAM110A;FAM110A;FAM110A	0.0538417	0.0307261	0.32253	-3.10049	0.168496	0.519184	-1.92373	0.597397	1.62826	1.62826	0.46645	0.718611	-1.39157	0.03932	0.345386	-2.89531	0.0287353	0.15886	-6.29552	0.0015	0.743868	-1.34432	0.95172	1.02737	1.02737	0.29557	10.37	2.79872	1
cg14209344	SMC5	0.0538419	0.0163535	0.615938	-1.62411	0.0311149	0.168563	-5.94249	0.0155655	0.244609	-4.08816	0.1258959	0.607204	-1.64666	0.0119442	0.362504	-2.75859	0.0727004	0.242778	-4.11882	0.0118198	0.2434065	-4.10792	0.2298	0.731252	-1.36752	0.1796466	0.408881	-2.44567	1.29357	13.5742	3.24817	1
cg04610628	MIOS	0.0538422	0.97523	1.00385	1.00385	0.0411079	1.33864	1.33864	0.200192	0.845801	-1.1823	0.631956	0.942027	-1.06154	0.494424	0.917714	-1.08966	0.812943	0.97109	-1.02977	0.00246289	0.593846	-1.68394	0.52341	0.923087	-1.08332	0.3645828	0.891088	-1.12222	1.29355	0.7988889	0.21561	1
cg26186651	NOS3	0.0538423	0.038097	5.54948	5.54948	0.0798396	1.99741	1.99741	0.2625305	0.445606	0.1440306	0.0263205	0.33676	3.0676	0.296607	2.16291	2.16291	0.0547202	4.72741	4.72741	0.00266131	1.93141	1.93141	0.7108548	2.93471	2.93471	0.235414	2.42655	2.42655	1.29355	26.5082	7.15424	1
cg08548748	DUSP23	0.0538433	0.0647667	0.7990833	-1.25143	0.2378171	1.17734	1.17734	0.1675045	1.20709	1.20709	0.6120056	1.08709	1.08709	0.2620006	0.8240889	-1.21355	0.1855145	0.83438	-1.19854	0.2004806	1.20532	1.20532	0.4442054	1.02608	1.02608	0.8403855	0.9816635	0.9816635	1.29355	0.6795558	0.183399	1
cg12817352	METRNL	0.0538445	0.7664888	1.09789	1.09789	0.210181	1.51409	1.51409	0.0953019	1.77838	1.77838	0.0234659	2.34022	2.34022	0.0574418	0.509137	-1.96411	0.0881528	1.80598	1.805598	0.0998128	1.76217	1.76217	0.0663765	1.90941	1.90941	0.0533663	1.99397	1.99397	1.2935	5.14729	1.38921	1
cg07144713	ZDHHC7;ZDHHC7 KIAA1026;KIAA1026;KIAA1026;KIAA102	0.0538458	0.060357	0.609202	-1.64149	0.153464	0.699337	-1.42993	0.623538	1.12272	1.12272	0.53253	0.862504	-1.15941	0.0139995	0.338608	-2.95327	0.740776	1.08078	1.08078	0.427408	0.827293	-1.20876	0.950241	1.01203	1.01203	0.8202041	0.821004	-1.22103	1.29347	2.85573	0.770746	1
cg09274167	KIAA1026	0.0538463	0.0589507	0.66252	-1.50939	0.0540031	0.655632	-1.52524	0.311383	0.816953	-1.22406	0.266142	0.799691	-1.25048	0.636834	0.912284	-1.09615	0.315168	1.222	1.222	0.00852893	1.91159	1.91159	0.317888	0.819311	-1.22054	0.3847271	0.841964	-1.1877	1.29346	1.94368	0.52459	1
cg07215870	TAF6L	0.053847	0.123201	0.7944	-1.25876	0.1284324	0.31208	-3.20478	0.1410384	0.414508	-2.41333	0.0447015	0.241175	1.28775	0.4609129	1.18741	1.1842	0.1410808	0.650451	-1.53696	0.1064042	0.2720838	-3.67611	0.0441826	0.971108	-1.02975	0.1156353	1.19846	1.19846	1.29345	0.7443122	0.2008889	1
cg25963355	OGDH	0.0538466	0.714749	1.07845	1.07845	0.02010159	0.43545	-2.43545	0.135488	0.718162	-1.39244	0.191656	0.752452	-1.32899	0.684234	0.91931	-1.08777	0.458415	0.856115	-1.16807	0.653174	1.09786	1.09786	0.33538	1.22679	1.22679	0.997813	0.9994436	0.9994436	1.29345	2.20833	0.596019	1
cg04602088	REXO2	0.0538497	0.0393192	0.6834943	-1.63207	0.0381146	0.168563	-5.94249	0.0155655	0.244609	-4.08816	0.1258959	0.607204	-1.64666	0.0119442	0.362504	-2.75859	0.0727004	0.242778	-4.11882	0.0118198	0.2434065	-4.10792	0.2298	0.731252	-1.36752	0.1796466	0.408881	-2.44567	1.29345	13.5742	3.24817	1
cg20706311	DIP2C	0.0538479	0.4468634	0.7901316	-1.26561	0.3364235	0.477653	-2.09357	0.0629663	0.529647	-1.88805	0.678449	0.881028	-1.13504	0.775931	1.09057	1.09057	0.570953	0.840311	-1.19004	0.00732655	2.85875	2.85875	0.387088	1.30913	1.30913	0.276453	0.708973	1.41049	1.29342	1.48495	1.29955	1
cg14047478	NTN1	0.0538487	0.2006	0.538045	-1.85858	0.0645099	0.385901	-2.59134	0.22524	0.555768	-1.79315	0.0608782	0.379576	-2.63452	0.0600736	0.193465	-5.1689	0.0977931	0.43821	-2.2998	0.0102043	0.22649	-4.4152	0.671791	0.822507	-1.2158	0.0873129	0.420839	-2.37621	1.2934	10.965	2.95947	1
cg25703997	KDSR	0.0538495	0.0145042	0.5192	-1.92604	0.0138149	0.168563	-5.94249	0.0155655	0.244609	-4.08816	0.1258959	0.607204	-1.64666	0.0119442	0.362504	-2.75859	0.0727004	0.242778	-4.11882	0.0118198	0.2434065	-4.10792	0.2298	0.731252	-1.36752	0.1796466	0.408881	-2.44567	1.29342	13.5742	3.24817	1
cg20973561	EXOC4	0.0538498	0.602143	0.8091474	-1.23583	0.00422016	0.213896	-4.67517	0.0276971	0.350722	-2.85126	0.319209	0.660735	-1.51347	0.1250532	0.512501	-1.95122	0.795192	1.1104	1.1104	0.0560556	0.4184556	-2.38073	0.527212	1.2942	1.2942	0.0939251	0.476416	-2.099	1.29338	8.45302	2.28149	1
cg00539325	VAR2	0.0538499	0.4924087	0.7956163	-1.25677	0.2626167	0.29167	-3.42911	0.1215633	0.6003593	0.6667093	-1.49918	0.6564994	0.95083	-1.05113	0.7220044	1.38486	0.1128162	0.844652	-1.18392	0.0475404	0.885562	1.12933	0.3033	1.10133	1.10133	0.2013597	1.10489	1.10489	1.29343	0.549655	0.1483853	1
cg07044199	SIAH2	0.0538516	0.209116	0.8116516	-1.23205	0.586244	0.19049	-5.25035	0.446506	0.4564028	1.0318	0.3318	0.679431	0.936601	-1.06769	0.6013037	0.464826	0.215134	0.550999	1.09975	1.09975	0.70443	0.941696	-1.06191	0.289196	0.840792	-1.18935	0.46495	0.889339	1.12437	1.29333	1.29585	0.349757	1
cg00426948	PGCP	0.0538524	0.0307975	0.171978	-5.81471	0.0182327	0.13682	-7.30887	0.014301	0.122879	-8.13808	0.414383	0.560413	-1.7844	0.0233248	0.152412	-6.56116	0.0516413	0.214956	-4.65211	0.0469622	0.206336	-4.84647	0.20299	0.393476	-2.54145	0.3273289	0.495742	-2.01718	1.29331	25.1249	6.7814	1
cg21288345	SPEN	0.0538538	0.0545493	0.6254	-1.59885	0.0204031	0.126167	-7.92663	-1.21563	0.0035001	0.6826093	-1.46486	0.4886	0.3137877	1.38538	1.38538	0.9049446	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.29332	0.5496555	0.1483853	1
cg02228804	HIST1H2AI;HIST1H2BL	0.0538539	0.0494527	0.0915289	-10.92035	0.682038	0.15168	0.15168	0.0426125	12.0576	12.0576	0.0995798	0.145857	-6.85601	0.047571	0.275446	-3.63047	0.797322	1.31585	1.31585	0.92063	0.898156	-1.11215	0.816477	1.28139	1.28139	0.0126161	27.3243	27.3243	1.29328	59.3316	16.0142	1
cg04351133	TMEM48	0.0538543	0.379312	0.8810553	-1.13506	0.2378171	1.17734	1.17734	0.1675045	1.20709	1.20709	0.6120056	1.08709	1.08709	0.2620006	0.8240889	-1.21355	0.1855145	0.83438	-1.19854	0.2004806	1.20532	1.20532	0.4442054	1.02608	1.02608	0.8403855	0.9816635	0.9816635	1.29328	0.6795558	0.183399	1
cg21626886	ID1;ID1	0.0538545	0.713682	0.8349406	-1.19774	0.380146	1.55394	1.55394	0.954843	0.972654	-1.02811	0.447489	1.46092	1.46092	0.00668195	0.178563	-5.60027	0.0109589	0.209477	-4.77379	0.600369	1.29539	1.29539	0.110629	0.426912	-2.3424	0.374561	0.6440021	-1.56245	1.29327	12.504	3.37497	1
cg04752634	HNRNPU;HP43	0.0538553	0.656137	1.08139	1.08139	0.0359584	2.249419	2.249419	0.3180807	1.10807	1.10807	0.2668501	1.240044	1.240044	0.0135333	0.4013525	-2.49155	0.2438151	1.06829	1.068291	0.4538059	1.153323	1.153323	0.5436313	0.947178	1.0317	0.6480199	0.9254408	1.080573	1.29324	1.823301	0.494054	1
cg06957758	ADAR82	0.0538556	0.0347187	0.153394	-6.43525	0.0251582	0.188148	-5.31498	0.351905	0.6826093	-1.46486	0.4886	0.3137877	1.38535	1.38535	0.9049446	1.0402	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.29328	0.5496555	0.1483853	1
cg16397620	UBTD2	0.0538565	?	?	?	0.677343	1.1629	1.1629	0.737375	1.12905	1.12905	?	?	?	0.37151	1.39226	1.39226	0.0056128	0.269495	-3.71064	?	?	0.0635127	0.471194	-2.12227	0.966516	1.01525	1.01525	1.47577	4.77357	1.83118	1
cg12324353	TERT;TERT	0.0538567	0.583762	0.712297	-1.40391	0.2954428	0.514133	-1.9452	0.0884836	1.38539	1.38539	-1.16599	0.4036661	-2.47732	0.0131025	0.551579	-1.81305	0.2246121	0.447546	-2.23465	0.0406904	0.0939979	-10.6385	0.0407759	1.2230023	-4.2549	0.1197676	0.354671	-2.81953	1.29321	19.6084	5.2926	1
cg26353296	USP4;USP4	0.0538568	0.2045023	2.4421	2.4421	0.0138651	2.91	2.91	0.326083	1.42729	1.42729	0.26153	1.50881	1.50881	0.140595	0.5730012	-1.74516	0.0671863	0.486434	-2.05578	0.640866	0.8509317	-1.1752	0.591508	0.826705	-1.20962	0.455897	1.30335	1.30335	1.29321	0.43659	1.73733	1
cg03455526	SEC24D	0.0538573	0.5548373	1.04804	1.04804	0.6625446	0.931469	-1.07357	0.0218499	1.06091	1.06091	0.0991977	1.27655	1.27655	0.3705309	1.05266	1.05266	0.6891922	0.947139	1.05581	0.5464919	1.13993	1.13993	0.394813	1.15808	1.15808	0.8041564	0.9960995	0.9960995	1.03413	0.9519789	0.259005	1
cg00501128	KDSR	0.0538613	0.193135	0.6458853	-1.91369	0.0393772	0.354275	-2.82267	0.0249147	0.231675	-4.31639	0.2536791	0.597386	-1.67386	0.0227773	0.445668	-2.05897	0.2393759	0.495496	-2.01818	0.00739926	0.1396687	-7.15888	0.229847	0.205172	-4.85172	0.2291395	0.535522	0.8734194	1.29311	16.9712	4.58094	1
cg16802848	AP2A1;AP2A1	0.0538614	0.228395	0.600591	-1.66503	0.983231	0.99156	-1.00851	0.248996	1.62571	1.62571	0.0036906	0.205441	-4.86757	0.196914	0.576842	-1.73358	0.67159	0.841992	-1.18765	0.8107	2.1386	2.1386	0.5395	0.778393	-1.2847	0.278358	1.57552	1.57552	1.2931	8.48275	2.2897	1
cg17082347	LBXCOR1	0.0538625	0.0400144	0.6111	-1.63647	0.0381146	0.126315	-7.92663	-1.21563	0.0035001	0.6826093	-1.46486	0.4886	0.3137877	1.38535	1.38535	0.9049446	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.29311	0.5496555	0.1483853	1
cg07813254	FAM43B	0.053863	0.423892	0.60762	-1.64577	0.540497	1.45932	1.45932	0.344419	0.68782	-1.45387	0.680551	1.28728	1.28728	0.0439404	0.2436	-4.10509	0.962189	1.02934	1.02934	0.00167644	0.0661042	-15.1276	0.771997	0.837587	-1.19391	0.1257116	0.363945	-2.74767	1.29307	19.4064	5.23832	1
cg13133594	CMAMP11	0.0538634	0.1944378	1.09364	1.09364	0.200831	1.56256	1.56256	0.31547	1.4084	1.4084	0.313787	1.38538	1.38538	0.9049446	1.0402	1.0402	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.29311	0.5496555	0.1483853	1
cg14553824	IL22RA2;IL22RA2;IL22RA2	0.0538645	0.411129	0.615561	-1.62453	0.603388	0.647966	-1.54329	0.0872088	0.336123	-2.9751	0.03239	0.23546	-4.24701	0.0115376	0.161397	6.1959	0.2944808	0.346033	-2.88989	0.0524967	0.1193383	-8.37642	0.140314	0.240155	-4.29903	0.254983	0.503504	0.198608	1.29303	17.384	4.69248	1
cg11435466	CD6	0.0538645	0.289035	0.758247	-1.31883	0.10762	0.64305	-1.55509	0.0576511	0.582875	-1.71563	0.163786	1.45303	1.45303	0.0269559	0.517507	-1.93234	0.0917894	0.627019	-1.59485	0.0109052	0.4477223	-2.23352	0.096597	0.632106	-1.58201	0.3250119	0.7744485	-1.29118	1.29303	3.29771	0.8901152	1
cg07075529	MIC8	0.0538655	0.3290306	0.7981	1.2539	0.0342858	0.254318	-1.2818	0.0113547	1.0689	1.25089	0.1807182	1.42655	1.42655	0.0139995	0.338608	-2.95327	0.740776	1.08078	1.08078	0.427408	0.827293	-1.20876	0.950241	1.01203	1.01203	0.8202041	0.821004	-1.22103	1.29297	2.85573	0.770746	1
cg04531566	C5orf62 C5orf62;C5orf113;C16orf13;C16orf13;C16orf13;	0.0538659	0.485269	1.08219	1.08219	0.952439	1.00667	1.00667	0.527147	1.07397	1.07397	0.893913	0.817503	-1.22324	0.0269796	0.746978	1.33873	0.507765	1.07771	1.07771	0.037695	1.30781	1.30781	0.0231266	1.35322	1.35322	0.288922	1.13045	1.13045	1.293	0.647	0.174647	1
cg06786499	C16orf13	0.0538677	0.0180921	0.306486	-3.26279	0.0925074	2.14395	2.14395	0.74328	0.873384	-1.14497	0.543187	1.28854	1.28854	0.2088666	0.579437	-1.72581	0.740886	1.14648	1.14648	0.623447	0.8155589	-1.22611	0.0168465	1.32428	3.32428	0.139559	1.9384	1.9384	1.29296	8.84967	2.38885	1
cg04702490	GAUNT2	0.0538681	0.33976	0.934377	-1.07023	0.718628	0.975548	-1.02401	0.143283	0.897175	-1.11462	0.228543	0.91651	-1.0911	0.293128	1.07801	1.07801	0.417691	1.0588	1.0588	0.00211145	0.74215	-1.34744	0.958241	0.881446	-1.1345	0.920071	0.9931	-1.00695	1.29295	0.2482	0.0660987	1
cg00171092	TGIF1	0.0538721	0.0400144	0.6111	-1.63647	0.0381146	0.126315	-7.92663	-1.21563	0.0035001	0.6826093	-1.46486	0.4886	0.3137877	1.38535	1.38535	0.9049446	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.0402	1.0402	1.0402	0.1454813	0.4233124	0.3049346	1.29311	0.5496555	0.1483853	1
cg01547534	C7orf47	0.0538715	0.0100537	0.432171	-2.3139	0.138665	1.51177	1.51177	0.0200217	2.07025	2.07025	0.946166	1.01766	1.01766	0.740704	0.917503	-1.08991	0.301651	0.757716	-1.31976	0.195438	0.7011172	-1.42618	0.244977	0.729563	-1.37068	0.863436	0.956347	-1.04565	1.29287	3.50554	0.946298	1
cg08877802	PPP5C	0.0538731	0.449361	1.14217	1.14217	0.0912484	1.37814	1.37814	0.227996	1.24384	1.24384	0.868701	0.971874	1.24384	0.0422777	0.807404	-1.23756	0.4253382	1.3081	1.3081	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1577 vs. N)	Fold-Change(1 vs.1577)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg03190821	COQ10A;COQ10A;COQ10A	0.0539563	0.988311	0.997989	-1.00201	0.0638726	0.747375	-1.33802	0.143995	0.802967	-1.34538	0.478662	0.894846	-1.11751	0.156961	1.23568	1.23568	0.395649	1.19232	0.129567	0.00270848	0.021259	-1.60964	0.0914131	0.703166	-1.30011	0.159147	0.810293	-1.23412	1.29087	1.01862	0.2725137	1
cg00034479	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0539582	0.0818937	0.287804	-3.47458	0.539961	0.66975	-1.4931	0.00934658	8.41145	8.41145	0.674234	0.760998	-1.31406	0.0243748	0.340621	-4.15591	0.288059	2.09222	2.03922	0.340538	0.310074	-2.78494	0.0820033	0.417043	-2.90784	0.452231	0.610065	-1.63917	2.90283	21.753	5.87321	1
cg20118717	SYNGAP1	0.0539588	0.505252	1.18374	1.18374	0.919784	1.02565	1.02545	0.244522	1.35494	1.35494	0.820923	1.0582	1.0582	0.0137682	0.467707	-2.13779	0.454415	0.826859	-1.2098	0.149179	0.679816	-1.47099	0.0157691	0.209196	2.09196	0.16489	0.600272	-1.44724	3.29081	3.24453	0.876387	1
cg18648066	RPTOR;RPTOR	0.0539609	0.197216	0.762632	-1.31125	0.0818626	1.46707	1.46707	0.514752	1.14033	1.14033	0.49821	0.845625	-1.18256	0.0116753	0.53449	-1.87094	0.11398	0.710493	-1.40747	0.0759993	1.48068	1.48068	0.224894	1.28535	1.28535	0.924429	1.01904	1.01904	1.29077	2.05936	0.556267	1
cg17751645	LRRC55	0.0539615	?	?	?	0.596083	1.42611	1.42611	0.796893	0.842709	-1.18665	0.685836	0.763503	-1.30375	0.609653	0.710265	-1.40751	0.641178	0.732391	-1.36539	0.00821996	0.106103	-9.42484	0.00445891	0.0810414	-12.3394	0.418363	0.577095	-1.73102	3.33813	20.6906	6.19826	1
cg20921751	FOXN2	0.053963	0.0193934	0.272328	-3.67204	0.0413208	0.338602	-2.95332	0.149237	0.490842	-2.03732	0.14184	0.483469	-2.06839	0.00948113	0.220359	-4.53805	0.143414	0.485057	-2.06161	0.0271428	0.300161	-3.33155	0.806912	0.893439	-1.11927	0.0507579	0.359101	-2.78473	3.29272	11.035	2.98076	1
cg18415800	GTF2H4;VARS2;VARS2;VARS2	0.0539661	0.442191	0.805388	-1.24154	0.0978873	1.18374	1.18374	0.855131	1.08657	1.08657	1.04017	0.980877	0.993402	-1.00654	0.43087	-2.32206	0.0225533	0.469537	-2.12976	0.0150556	0.438613	-2.28028	0.343411	1.90941	1.90941	0.207238	1.44389	1.44389	3.29064	3.97573	1.07395	1
cg08534327	RIMKS1L	0.0539666	0.0210467	1.62864	1.62864	0.434456	1.15046	1.15046	0.209228	1.6919	1.6919	0.346022	1.64197	1.53242	0.0152192	1.19549	1.19549	0.370139	0.8506511	-1.17557	0.0076444	0.431	0.547356	-1.82696	0.720365	0.938778	-1.06521	0.614089	0.914514	-1.09348	0.92063	1.60984	0.434862	1
cg01115432	NCAPG2	0.0539669	0.0286456	0.160445	-6.23267	0.765257	0.808775	-1.23644	0.146278	3.02028	3.02028	0.136603	0.32089	-3.11633	0.0105974	0.102465	-9.75946	0.826244	0.855708	-1.16862	0.134221	0.318327	-3.14142	0.602308	0.688923	-1.45154	0.0267113	0.155552	-6.42872	3.29063	26.1811	7.07224	1
cg25652821	ZMZ1	0.053967	0.0868188	0.472997	-2.11436	0.0997229	1.72722	1.72722	0.163519	1.59453	1.59453	0.156628	0.785376	-1.27325	0.0884547	0.630378	-1.58637	0.0817541	1.44257	1.44257	0.131004	0.29985	-3.33555	0.916872	0.98135	1.01908	1.79978	0.754207	1.06148	1.06148	3.29062	1.8807	0.508029	1
cg25440025	FST;FST	0.0539673	0.0367535	0.609066	-1.64187	0.676681	1.08948	1.08948	0.501838	0.880967	-1.14947	0.208993	1.31081	1.31081	0.447785	0.305857	-3.27055	0.02206	1.75256	0.0492828	0.632171	-1.58185	0.893406	1.46643	1.46643	0.782	0.944880	-1.05833	3.29062	2.17657	0.587952	1
cg04015594	PANK4	0.0539685	0.245316	0.674131	-1.22194	0.00278524	1.98163	1.98163	0.563262	1.10177	1.10177	0.133133	0.764314	-1.30845	0.0145845	0.919224	-1.41677	0.673092	0.932025	1.07292	0.119999	0.705932	-1.32287	0.624716	0.92147	-1.08522	0.628358	0.922208	-1.08415	3.29059	1.43414	0.387405	1
cg01679473	UNK1	0.0539685	0.883357	1.02377	1.02377	0.169847	1.26365	1.26365	0.0678562	1.38725	1.38725	0.158073	1.27319	1.27319	0.608933	0.88608	-1.08608	0.0526309	1.42277	1.42277	0.00382231	1.7092	1.7092	0.00635331	1.76567	1.76567	0.172974	1.26122	1.26122	3.29059	1.33482	0.360575	1
cg23051392	C1QTNF3;C1QTNF3	0.0539688	0.0440394	2.042506	4.12361	0.119669	0.355651	-2.81174	0.982129	0.98685	-1.01381	0.515748	0.667987	-1.49703	0.0268724	0.20086	-4.97859	0.0625592	0.277142	-3.60826	0.0101875	0.137547	-7.27024	0.0161985	0.16517	-6.05437	0.173017	0.411564	-2.42975	3.29058	19.537	5.27755	1
cg23781798	ARID1B;ARID1B;ARID1B	0.0539697	0.0259353	0.268801	-3.71952	0.513833	1.84949	1.84949	0.115431	1.23156	1.23156	0.185985	0.492251	-2.03702	0.0042415	0.39577	-2.52672	0.124151	0.230741	-4.33934	0.0157448	0.229905	-4.34963	0.107577	0.417913	-2.39284	0.123526	0.436576	-2.29055	3.29057	12.8632	3.47476	1
cg19977179	GP9	0.05397	0.942057	1.01407	1.01407	0.285281	0.807943	-1.23771	0.190702	0.766244	-1.30507	0.254975	0.79582	-1.25657	0.239029	1.26737	1.26737	0.101414	1.41147	1.41147	0.00588879	1.99861	1.99861	0.427179	1.16858	1.16858	0.150129	0.743461	-1.34506	3.29055	1.92432	0.519824	1
cg08237866	ZFAND6	0.0539714	0.0160546	0.669753	-1.49309	0.056811	1.34152	1.34152	0.322096	1.14928	1.14928	0.507991	1.09565	1.09565	0.835087	1.02876	1.02876	0.421823	1.11808	1.11808	0.160703	1.22608	1.22608	0.355102	1.13815	1.13815	0.0312879	1.51789	1.51789	3.29052	0.964284	0.290488	1
cg00442112	CYTL1	0.0539714	0.4506345	1.040413	1.040413	0.131087	1.343507	-2.09155	0.1412222	1.362849	-2.75597	0.513524	0.9407255	-1.06254	0.0176554	0.312253	-3.20202	0.263809	0.466026	-2.14548	0.0553532	0.197365	-5.06675	0.00336323	0.0731773	-13.6654	0.0178385	0.151429	-6.60375	3.29052	22.391	6.04861	1
cg12521634	SBF2	0.0539718	0.582996	1.11323	1.11323	0.0100785	0.533561	-1.8742	0.0179267	0.573197	-1.7446	0.32298	0.820778	-1.21836	0.1100992	0.713969	-1.40062	0.615244	0.906612	-1.10301	0.245877	1.26465	1.26465	0.759293	1.06126	1.06126	0.0479963	0.64577	-1.54854	3.29051	1.95051	0.526905	1
cg06763054	MTMR7;MTMR7	0.0539729	0.851602	1.07883	1.07883	-1.09148	0.137901	0.529398	-1.89058	0.4019353	1.88608	1.88608	1.380628	1.030662	1.62141	1.01744	1.01744	0.409455	1.01709	1.01709	0.49403	1.01709	-1.40495	0.213079	0.502367	-1.84411	0.938792	1.03655	-1.08651	1.20448	11.3847	3.07545	1
cg12459932	RUNX3	0.0539744	0.0266633	0.438019	-2.28301	0.110612	0.579028	-1.72703	0.1954013	0.650264	-1.53784	0.0251351	0.432957	-2.3097	0.3795496	1.33083	1.33083	0.425695	1.29131	1.29131	0.144132	1.63747	1.63747	0.828986	1.07035	1.07035	0.0505539	0.49643	-2.01438	3.29045	5.14774	1.39062	1
cg25166910	RNDT	0.0539746	0.6884496	0.870343	-1.14904	0.383837	0.710473	-1.40753	0.1814775	0.730904	-1.36914	0.0387584	1.10033	1.10033	0.0211032	0.908422	-1.10083	0.879235	0.915152	-1.09259	0.0782992	0.208623	-4.79342	0.495685	1.30319	1.30319	0.0218132	0.635609	-2.04228	3.29045	2.98178	0.906405	1
cg15911165	ORSB12	0.053978	0.0518186	-1.22138	-4.51711	0.159289	0.358819	-2.78692	0.170011	0.369397	-2.70711	0.220945	0.416116	-2.40318	0.0459151	0.210336	4.75429	0.0524452	1.222509	4.4942	0.00420351	0.0733594	-13.6315	0.0434912	0.205564	-4.86466	0.0621598	0.23911	4.18218	0.29036	24.1964	6.53664	1
cg08069425	ZNF555	0.0539792	0.911457	0.980865	-1.01951	0.322221	0.840513	-1.18975	0.960459	1.00865	1.00865	0.658677	1.08027	1.08027	0.398439	0.860573	-1.16202	0.148584	0.764063	-1.30879	0.00103853	0.43018	-2.32461	0.637339	0.98597	0.985597	0.905143	0.979507	-1.02092	3.29034	1.57202	0.424683	1
cg00145141	GOT6;GOT6	0.0539796	0.1842573	0.760629	-1.47139	0.2402917	1.52621	1.52621	0.1818	0.5632821	1.63502	1.17352	0.9900254	1.38005	1.38005	0.2003482	0.138866	-2.20172	0.2485	-4.02411	0.0900324	0.075777	-13.1886	0.0260132	0.0775748	-12.8959	0.0229505	0.0841497	-11.8907	3.29034	1.44496	0.438637	1
cg19906131	PANX1	0.0539798	0.1881145	0.830495	-1.2041	0.00794973	1.58158	1.58158	0.0467731	1.35417	1.35417	0.541871	0.921054	-1.08571	0.7790013	1.03818	1.03818	0.936978	0.989523	-1.01059	0.664894	0.762609	-1.31129	0.263275	0.85614	-1.16803	0.749534	0.958239	-1.04358	3.29032	0.92432	0.249707	1
cg24769348	OIT3	0.0539798	0.934641	1.04771	1.04771	0.0370344	0.949072	-2.62793	0.1232861	0.8853	-2.59538	0.276631	0.525595	-1.92903	0.0187252	0.770737	-1.29794	0.349447	0.7855	-1.27346	0.0408082	0.1099	-9.09317	0.0138655	0.0241418	-41.4268	0.0203012	0.0241418	-41.4268	3.29032	16.8139	4.54232	1
cg13440996	DSN1;DSN1;DSN1;DSN1;DSN1	0.0539806	0.687143	0.837724	-1.19371	0.687673	0.614504	-2.43722	0.2606808	0.261251	-3.82774	0.0635421	0.302562	-3.30511	0.0992015	0.15091	-6.62649	0.352527	0.577971	-1.73019	0.193521	0.454558	-2.19994	0.145728	0.408572	-2.44755	0.0445078	0.266545	-3.75172	3.29016	17.112	4.62308	1
cg14702264	C7orf42	0.0539814	0.0295015	0.683498	-1.46306	0.688018	0.941793	-1.0618	0.0539812	1.38401	1.38401	0.567825	0.917794	-1.08957	0.270845	0.843396	-1.18568	0.0357829	0.69563	-1.43755	0.937806	1.01166	1.01166	0.0210111	0.602024	-1.51052	0.106045	0.769313	-1.29986	3.29028	1.15019	0.310731	1
cg25176888	PNPLA7;PHIN1;PHIN1;PHIN1;PHIN1	0.0539834	0.887131	1.03945	1.03945	0.0978767	1.44752	-2.24844	0.0455875	1.38238	1.38238	0.0178485	1.16041	1.16041	0.0149463	0.701709	-1.42495	0.0098566	1.64341	1.64341	0.0254172	1.45004	-2.42883	0.801052	1.00000	-1.11101	0.000979	0.569463	-1.75604	3.29026	26.4372	7.97228	1
cg21603823	VEGFC	0.0539826	0.941361	1.01467	1.01467	0.2264463	0.74176	-1.84716	0.0327828	1.63949	1.63949	0.0212628	0.578057	-1.72993	0.881292	1.03002	1.03002	0.52162	1.13722	1.13722	0.904206	1.02414	1.02412	0.644706	0.912179	-1.09628	0.170199	1.33532	1.33532	3.29026	2.04203	0.551671	1
cg00767222	UPK1A	0.0539842	0.1932946	-1.58535	-3.09786	0.0742402	0.732001	1.36454	0.0927178	1.56241	1.56241	0.0455771	0.858145	1.85882	0.0122369	1.004006	1.004006	0.0153192	0.0159518	-6.27009	0.00155412	0.0010553	-10.8163	0.0003316	0.0018314	-24.7179	0.0002453	0.0018314	-24.7179	3.29026	13.1035	3.70241	1
cg22435445	SLFNL1;SLFNL1;SLFNL1	0.0539832	0.0196808	0.406289	-2.4613	0.279485	0.698079	-1.4325	0.0392546	0.466484	-2.1437	0.17582	0.631194	-1.5843	0.00477876	0.30199	-3.31137	0.342537	0.731532	-1.36699	0.0688467	0.521562	-1.91732	0.888752	1.04576	1.04576	0.0825083	0.540754	-1.84927	3.29024	3.52523	1.43866	1
cg14705208	B3GI2	0.053985	0.112823	0.695853	-1.43709	0.105184	0.689385	-1.45057	0.293001	0.795176	-1.25758	0.627931	0.902484	-1.10805	0.166407	0.73344	-1.36344	0.00523388	2.16698	2.16698	0.111808	0.605015	-1.43882	0.023888	0.895449	-1.11676	0.615112	0.898966	-1.11239	3.2902	2.30012	0.621408	1
cg22933131	PITX3	0.0539853	0.0403869	0.577142	-1.73248	0.278628	0.70529	-1.41806	0.0525126	0.736455	-1.35805	0.0944499	1.35805	0.0944499	0.0658	0.602779	1.66049	0.0307838	1.12406	1.12406	0.180547	0.889755	1.12406	1.12406	0.0471566	0.581771	-1.71889	0.0315053	0.646496	1.66446	0.300109	1.21383	1.21383	0.274901	1.07475	0.0549493	1
cg07696006	CCDC33 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.0539853	0.184367	0.664331	-1.50527	0.140075	0.630586	-1.58583	0.0326405	0.483748	-2.06719	0.0594644	0.539068	-1.85505	0.899738	1.03729	1.03729	0.790855	1.08026	1.08026	0.0132332	2.43971	2.43971	0.896169	0.962787	-1.03865	0.178583	0.660275	-1.51452	3.29019	4.39621	1.1877	1
cg10531263	M2;ABLIM2;ABLIM2	0.0539866	0.0896379	0.342222	-2.9221	0.0106299	0.158683	-6.30186	0.0420686	0.261251	-3.82774	0.0635421	0.302562	-3.30511	0.0992015	0.15091	-6.62649	0.352527	0.577971	-1.73019	0.193521	0.454558	-2.19994	0.145728	0.408572	-2.44755	0.0445078	0.266545	-3.75172	3.29016	17.112	4.62308	1
cg17544639	NDUFB8	0.0539868	0.996358	0.999192	-1.00081	0.182328	1.28499	1.28499	0.00257371	2.09578	2.09578	0.30131	0.827186	-1.20892	0.137049	0.752966	-1.32808	0.212201	0.792256	-1.26222	0.615816	1.09377	1.09377	0.770262	1.05325	1.05325	0.618132	1.09312	1.09312	3.29016	1.63543	0.441837	1
cg00407141	CBFA2T3	0.0539869	0.300414	1.09776	1.09776	0.0396132	0.84	-1.19048	0.0162	1.16216	1.16216	0.0145243	0.9216	1.09375	0.0162	0.711	-1.40563	0.113426	1.36067	1.36067	0.0277261	0.631828	-1.58318	0.0318328	0.156774	-6.3786	0.49748	0.54929	-1.82048	3.29015	27.1914	5.35403	1
cg10580027	ZNF224	0.0539902	0.02133	1.133605	-7.48474	0.143242	0.318393	-3.14077	0.149458	0.283945	-3.52187	0.0180372	0.301872	-3.31266	0.0601398	0.213819	-4.67685	0.0311243	0.159196	6.28155	0.0434975	0.0625349	-15.9911	0.991784	0.528174	-1.89331	0.182003	0.356791	-2.80276	3.29008	27.5804	7.45147	1
cg03885332	CD151;CD151;CD151;CD151	0.0539922	0.1894273	0.676407	-1.47839	0.2602914	0.98594	-1.01426	0.9844273	1.24773	1.24773	0.0740013	0.7655	-1.30637	0.0264648	0.564	-1.77305	0.0164449	0.0552923	18.0959	0.00038	0.0004	-1.25903	0.0018452	0.0004	-2499.75	0.0002	0.0004	-2499.75	3.29008	0.0004	0.0001	1
cg26546310	TAGLN2	0.0539917	0.656834	1.12816	1.12816	0.20117	0.694852	-1.43916	0.382795	1.27299	1.27299	0.635655	1.13736	1.13736	0.441096	1.23597	1.23597	0.195393	1.44674	1.44674	0.0019066	0.305463	-3.27371	0.773844	1.0808	1.0808	0.710192	1.1059	1.1059	3.29004	3.7897	1.02388	1
cg06950479	CD163L1	0.0539924	0.0194112	0.698807	-1.43144	0.102348	0.200936	-4.98514	0.0622016	0.146715	-6.82715	0.0115153	0.250994	-3.98417	0.0087725	0.102236	-9.7873	0.0464744	0.18287	-5.46855	0.0159607	0.0914	-10.9441	0.0021514	0.012653	-79.0115	0.0119118	0.047188	-21.1903	3.29004	16.8139	4.54232	1
cg01481136	PANX1	0.0539931	0.0088712	0.63476	-1.5754	0.0918374	0.681232	-1.46793	0.0949432	0.91809	-1.08909	0.0773684	0.93945	-1.0945	0.0246251	0.702106	-1.42429	0.910947	0.98486	-1.01539	0.0917738	0.830423	-1.20421	0.759933	0.950033	-1.04272	0.0645465	0.75323	-1.32762	3.29001	0.970576	0.262228	1
cg16925697	SCPEP1	0.0539937	0.356864	0.813328	-1.22952	0.293245	0.788412	-1.26837	0.0345853	0.584331	-1.71136	0.178708	0.732339	-1.36549	0.00346563	0.420948	-2.37559	0.045877	0.607141	-1.64706	0.0151505	0.585618	-1.7076	0.457579	0.847941	-1.17933	0.069035	0.641712	-1.55833	3.29	2.47731	0.669318	1
cg25176888	PNPLA7;PHIN1;PHIN1;PHIN1;PHIN1	0.0539944	0.887131	1.03945	1.03945	0.0978767	1.44752	-2.24844	0.0455875	1.38238	1.38238	0.0178485	1.16041	1.16041	0.0149463	0.701709	-1.42495	0.0098566	1.64341	1.64341	0.0254172	1.45004	-2.42883	0.801052	1.00000	-1.11101	0.000979	0.569463	-1.75604	3.29026	26.4372	7.97228	1
cg11037750	TGFB1	0.053996	0.0878652	2.29122	2.29122	0.0216101	0.36721	-3.36721	0.386659	1.47782	1.47782	0.627753	1.23993	1.23993	0.154624	0.747635	-1.33755	0.157718	0.514345	-1.94422	0.387754	0.677311	-1.47643	0.0241056	0.23587	-3.23587	0.037544	0.88227	2.89227	3.28994	10.0934	2.72707	1
cg02729822	OR9G4 RBMS3;RBMS3;RBMS3;RBMS3;RBMS3;	0.0539965	0.0199694	0.0689331	-14.5068	0.0137494	0.0549689	-18.1921	0.0907019	0.169473	-5.90063	0.0921137	0.171048	-5.84633	0.874318	0.860056	-1.16271	0.126548	0.207198	-4.8263	0.0158246	0.0598871	-16.6981	0.143592	0.223869	-4.46689	0.0416435	0.106799	-9.36342	2.28993	47.2619	12.7694	1
cg06585135	RBMS3	0.0539978	0.0290854	0.389082	-2.57015	0.28705	1.5758	1.5758	0.741191	0.885021	-1.12992	0.0110517	0.308973	-3.23653	0.957763	1.21679	1.21679	0.606789	1.21084	1.21084	0.0436464	0.42538	-2.35084	0.0576687	0.453205	-2.20651	0.386261	1.720855	-1.38724	3.2899	7.07632	1.91193	1
cg14604830	PLSCR3	0.0539979	0.156644	0.744198	-1.34357	0.0375597	1.94866	1.94866	0.0870554	1.27532	1.27532	0.0944772	1.32524	1.32524	0.0356541	0.756	-1.32155	0.555437	0.90413	-1.10591	0.0823693	0.564545	-1.77134	0.967752	1.17857	1.17857	0.961839	1.00818	1.00818	3.2899	1.15142	0.408366	1
cg11654922	TNFAIP8L1;TNFAIP8L1	0.0539985	0.724535	1.14129	1.14129	0.015242	0.328545	-3.04372	0.796607	1.10128	1.10128	0.0952877	0.504305	-1.98293	0.345701	1.43726	1.43726	0.555543	1.18258	1.18258	0.00614846	0.263122	-3.80052	0.256371	0.642416	-1.55662	0.714397	1.14716	1.14716	3.28988	7.26943	1.96412	1
cg10382253	ZC3H12D	0.0539988	0.0715477	0.208575	-4.79444	0.108956	0.256074	-3.90513	0.307357	0.488932	-2.27825	0.100542	0.246126	-4.06296	0.00126533	0.0255681	-39.1112	0.583474	0.649513	-1.53962	0.265339	0.371613	-2.69097	0.341	0.390771	-2.55905	0.232107	0.367444	-2.7215	3.28988	31.6435	8.54974	1
cg20931971	C6orf186	0.0539999	0.0245548	0.84808	1.84808	0.0900508	0.55254	0.55254	0.0448938	0.10367	10.1367	0.297076	2.96107	2.96107	0.164067	0.221221	4.52037	0.935881	0.922235	-1.08432	0.0114182	24.173	24.173	0.12591	1.29214	5.29214	0.867076	1.18359	1.18359	3.28985	52.7491	14.2523	1
cg13861536	KIAA1614	0.0540009	0.421301	1.16562	1.16562	0.0507055	1.51487	1.51487	0.516582	1.13053	1.13053	0.740499	1.06397	1.06397	0.102079	0.716194	-1.39627	0.567653	1.11378	1.11378	0.0642716	1.4738	1.4738	0.0037187	2.07731	2.07731	0.97389	1.00612	1.00612	3.28983	1.81326	0.489903	1
cg06950479	LUC7L;LUC7L	0.0540015	0.9384486	1.0297	1.0297	0.0748439	0.847	-1.18064	0.0164911	-1.30734	0.530052	1.27278	1.27278	0.0466084	0.764913	-1.30734	0.530052	1.27278	0.0717454	0.13235	-7.55555	0.0088135	0.381514	-2.62114	0.834876	0.0349437	0.0109	0.381514	-2.62114	0.834876	0.0349437	0.0109	3.28983	0.361524	0.276587	1
cg04330326	SGTA	0.0540034	0.0421306	0.470184	-2.12683	0.201805	0.647651	-1.54404	0.246867	0.67688	-1.47737	0.0942728	0.552738	-1.80918	0.00688629	0.323822	-3.08811	0.12339	0.583977	-1.71239	0.0203734	0.406147	-2.46216	0.728483	0.893758	-1.11887	0.0222616	0.413529	-2.41821	3.28977	5.41222	1.46237	1
cg07040894	MYO7B	0.0540039	0.1726707	0.573933	-1.74226	0.0473624	0.411138	-2.43109	0.0244229	0.25109	0.0101147	0.188719	-5.30147	0.0144229	0.0109	0.184466	-5.42106	0.0146285	1.4732	1.4732	0.0221103	0.314958	-3.17455	0.0558	0.29044	-3.44305	0.0108473	0.275519	-3.62955	3.28977	19.0966	4.72707	1
cg19133353	BTBD11	0.0540053	0.0125255	0.308148	-3.24519	0.182346	-1.70986	1.70986	0.799744	0.908155	-1.10113	0.933442	0.968839	-1.03216	0.630069	0.831999	-1.20192	0.884409	1.05668	1.05668	0.0315108	0.384472	-2.60097	0.0100376	0.291815	-3.42683	0.517605	0.779873	-1.28226	3.28972	7.48391	2.02216	1
cg11899895	TAX1BP1;TAX1BP1	0.0540067	0.092921	0.634498	-1.57605	0.47037	0.834668	-1.19808	0.241929	0.739776	-1.35176	0.0256532	0.520841	-1.91997	0.0923063	1.57793	1.57793	0.071376	0.609232	-1.64141	0.0119624	0.46224	-2.16338	0.766571	1.07601	1.07601	0.929321	1.02315	1.02315	3.28969	3.15527	0.852567	1
cg01405536	USP29	0.0540069	0.0973353	0.74925	-1.33455	0.0375597	1.9486	1.9486	0.0870554	1.27532	1.27532	0.0944772	1.32524	1.32524	0.0356541	0.756	-1.32155	0.555437	0.90413	-1.10591	0.0823693	0.564545	-1.77134	0.967752	1.17857	1.17857	0.961839	1.00818	1.00818	3.2899	1.15142	0.408366	1
cg02687067	GALNT10;GALNT10	0.0540096	0.0539014	0.706597	-1.41523	0.356316	0.862222	-1.16249	0.532598	0.904558	-1.10551	0.14574	0.780461	-1.28129	0.55359	0.909283	-1.09977	0.00854481	0.587146	-1.70316	0.0280214	1.50966	1.50966	0.516314	0.900832	-1.11008	0.592526	1.08951	1.08951	3.28962	1.31214	0.354554	1
cg26464118	ZBTB22;TAF9B;TAF9B;TAF9B;ZBTB22	0.0540104	0.459823	1.07963	1.07963	0.162657	1.15767	1.15767	0.0558734	1.24143	1.24143	0.0944772

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cg19277182	FOXK2	0.0540768	0.349472	1.60715	1.60715	0.025695	3.68885	3.68885	0.00309832	7.34293	7.34293	0.834022	0.901793	-1.1089	0.750181	1.17042	1.17042	0.381385	1.55626	1.55626	0.0264938	3.65416	3.65416	0.390586	1.54246	1.54246	0.852282	0.912261	-1.09618	3.28805	12.6379	3.41652	1
cg10836855	MSR1;MSR1;MSR1	0.0540804	0.105958	0.783639	-1.2761	0.121925	0.793351	-1.26048	0.157752	0.811754	-1.2319	0.0162507	1.50052	1.50052	0.0723588	1.31899	1.31899	0.689868	0.946124	-1.05694	0.083251	1.30313	1.30313	0.451236	1.1118	1.1118	0.97128	0.995041	-1.00498	3.28797	0.992771	0.268392	1
cg07155158	AZI1;AZI1	0.0540829	0.154152	1.53192	1.53192	0.757045	0.916894	-1.09064	0.060079	1.80944	1.80944	0.980278	0.993113	-1.00694	0.00652413	0.372219	-2.68659	0.225569	1.42737	1.42737	0.473836	1.2259	1.2259	0.747121	1.09467	1.09467	0.0956071	0.599388	-1.66837	3.28791	4.07075	1.10053	1
cg09506473	PSKH2	0.0540831	0.0258897	13.7119	13.7119	0.0277188	13.1439	13.1439	0.0757048	7.07835	7.07835	0.244982	3.33305	3.33305	0.222649	3.55589	3.55589	0.317033	2.78407	2.78407	0.0492888	9.21948	9.21948	0.00862096	27.5413	27.5413	0.0266102	13.4805	13.4805	3.2879	51.0276	13.7954	1
cg10218000	RNF222	0.0540836	0.0344049	0.0994172	-10.0586	0.0206222	0.0736517	-13.5774	0.155592	0.241334	-4.14364	0.09821	0.183251	-5.45701	0.0428136	0.112903	-8.85719	0.0468026	0.1189	-8.41044	0.0243305	0.0811851	-12.3175	0.0297587	0.0913494	-10.947	0.0521257	0.126578	-7.9003	3.28789	45.5801	12.3227	1
cg06881580	MAF;MAF	0.054084	0.0207809	0.272642	-3.66781	0.0532607	2.78805	2.78805	0.235303	1.78749	1.78749	0.468681	0.708741	-1.41095	0.0432349	0.337628	-2.96184	0.0485664	0.349206	-2.86364	0.522498	0.738856	-1.35344	0.43218	1.45399	1.45399	0.722737	0.846749	-1.18099	3.28788	11.354	3.06958	1
cg13123840	EHMT2;EHMT2	0.0540856	0.576905	1.06891	1.06891	0.241125	0.864957	-1.15613	0.104665	1.23329	1.23329	0.167782	1.18984	1.18984	0.208546	1.1697	1.1697	0.973768	0.99612	-1.0039	0.00362556	0.62787	-1.59269	0.424936	0.908159	-1.10113	0.863471	0.979857	-1.02056	3.28784	0.727868	0.196784	1
cg04413547	ALKBH3	0.0540858	0.0169323	0.11886	-8.41326	0.13639	0.309347	-3.23261	0.218057	0.387773	-2.57883	0.665188	1.37486	1.37486	0.0119849	0.101082	-9.89298	0.409477	0.539685	-1.85293	0.00784577	0.0825368	-12.1158	0.325155	0.475751	-2.10194	0.307785	0.462144	-2.16383	3.28784	27.8373	7.526	1
cg23418180	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.0540878	0.0310158	8.1687	8.1687	0.0541726	6.12702	6.12702	0.100557	4.4466	4.4466	0.683688	0.711915	-1.40466	0.366076	2.16038	2.16038	0.733279	1.32807	1.32807	0.00245433	32.9545	32.9545	0.36943	2.14818	2.14818	0.343395	2.24713	2.24713	3.28779	35.8291	9.68675	1
cg27613901	SPATS2	0.0540887	0.778927	1.10121	1.10121	0.00483993	0.278	-3.59712	0.110424	0.551047	-1.81473	0.917915	0.965301	-1.03595	0.433466	0.760476	-1.31497	0.290887	1.45567	1.45567	0.0368326	2.29495	2.29495	0.898016	1.04491	1.04491	0.375605	0.732343	-1.36548	3.28777	6.11073	1.65211	1

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cg25370039	GALNT9	0.0542209	0.375976	1.58038	1.58038	0.00363115	7.26011	7.26011	0.0425801	3.24165
cg05626738	ZNF611;ZNF611;ZNF611	0.0542215	0.0300396	12.9585	12.9585	0.0548244	8.90147	8.90147	0.107742	5.82363
cg07347294	TSPAN17;TSPAN17;TSPAN17	0.0542216	0.713804	1.17979	1.17979	0.0427407	0.351016	-2.84888	0.518887	0.745635
cg21261477	CABC1	0.0542219	0.638279	1.04982	1.04982	0.0440679	1.26815	1.26815	0.157844	1.16773
cg23328237	RASGRF1;RASGRF1;RASGRF1	0.0542223	0.522064	0.80968	-1.23506	0.340261	0.726308	-1.37683	0.00429062	0.288573
cg01637175	KCNJ12	0.0542241	0.0847756	11.2036	11.2036	0.118541	8.56685	8.56685	0.348833	3.39582
cg15223899	C22orf45;C22orf45;UPB1	0.0542252	0.016076	8.33013	8.33013	0.0946645	3.75019	3.75019	0.948013	0.954162
cg13578465	INF2;INF2;INF2	0.0542257	0.744737	1.12186	1.12186	0.00509545	3.67975	3.67975	0.429349	1.32836
cg17014095	MAGI3;MAGI3	0.0542277	0.200754	1.66121	1.66121	0.0857001	0.489977	-2.04091	0.881323	0.945435
cg02675308	CDKL2	0.0542293	0.00549097	133.291	133.291	0.722156	1.61359	1.61359	0.0770268	13.9413
cg06743610	FXYD1;FXYD1	0.0542312	0.839837	0.9092	-1.09987	0.750706	1.16176	1.16176	0.0112024	0.224236
cg27109741	GRID2IP	0.0542323	0.0137081	0.208463	-4.79702	0.0525523	3.10779	3.10779	0.927191	0.954069
cg05414835	SLTM;SLTM	0.0542331	0.153448	0.542096	-1.84469	0.723663	1.15282	1.15282	?	?
cg22647738	CCL16	0.0542333	0.595319	1.39058	1.39058	0.576014	0.706451	-1.41553	0.00328071	0.0850559
cg10090985	DLC1	0.0542338	0.469577	1.09295	1.09295	0.0380359	0.747862	-1.33714	0.0482651	0.76135
cg14049380	NEK4	0.0542342	0.184819	0.880755	-1.13539	0.288751	1.10454	1.10454	0.0372246	1.24401
cg24884985	PERP	0.0542358	0.64757	1.22303	1.22303	0.198656	0.552013	-1.81155	0.00290501	0.166907

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cg13777411	HPS5;HPS5;GTF2H1;GTF2H1;GTF2H1;GTF2H1;HPS5	0.0543557	0.982402	1.00374	1.00374	0.0382422	1.50112	1.50112	0.0438493	1.47969	1.47969	0.624613	1.08699	1.08699	0.639183	0.923235	-1.08315
cg04308657	FMNL2	0.0543564	0.00472843	0.0606917	-16.4767	0.25374	0.410701	-2.43486	0.0264017	0.140068	-7.1394	0.585691	0.663015	-1.50826	0.0951138	0.254297	-3.93241
cg24951114	HAUS2;LRRC57;HAUS2	0.0543577	0.191069	0.837895	-1.19347	0.945718	0.991339	-1.00874	0.116642	1.24335	1.24335	0.358598	0.886382	-1.12818	0.0393013	0.737376	-1.35616
cg16518729	TBCD	0.0543602	0.427273	0.733034	-1.36419	0.025742	0.362476	-2.7588	0.0246734	0.358802	-2.78705	0.301592	0.663599	-1.50694	0.00338729	0.217277	-4.60241
cg12597389	NXPH1	0.0543607	0.0452449	55.525	55.525	0.0426447	59.2111	59.2111	0.116051	19.8207	19.8207	0.0918038	25.6833	25.6833	0.0395851	64.1995	64.1995
cg12229387	GAST	0.0543621	0.334172	0.62976	-1.58791	0.00207847	0.133704	-7.47918	0.0304851	0.307132	-3.25593	0.787261	0.881988	-1.1338	0.255905	0.576607	-1.73428
cg26467554	TSSC1	0.0543639	0.0463049	0.318955	-3.13524	0.0125899	0.211575	-4.72645	0.0302529	0.279355	-3.57967	0.5705	0.75051	-1.33243	0.0640676	0.352844	-2.83411
cg10149123	C16orf91	0.0543642	0.991179	0.998158	-1.00185	0.0610231	1.42211	1.42211	0.00581532	1.8266	1.8266	0.492043	0.890129	-1.12343	0.932041	0.985875	-1.01433
cg09618015	VWA5B2;MIR1224	0.0543648	0.0420293	1.92957	1.92957	0.0492118	1.87726	1.87726	0.0316936	2.02703	2.02703	0.0822237	1.71627	1.71627	0.0559762	1.83561	1.83561
cg00078513	SNORD115-40	0.0543651	0.0150581	0.320772	-3.11748	0.436473	0.739255	-1.35271	0.200658	0.597867	-1.67261	0.176361	0.578675	-1.72809	0.0122679	0.305093	-3.27769
cg06958537	ETS2	0.0543651	0.714559	1.23905	1.23905	0.0979886	2.884	2.884	0.00309495	10.6123	10.6123	0.0448123	3.83391	3.83391	0.554425	0.705451	-1.41753
cg08370839	OBFC1	0.0543658	0.489449	1.17312	1.17312	0.295962	1.27947	1.27947	0.087697	1.53519	1.53519	0.339742	1.25076	1.25076	0.026392	0.5495	-1.81983
cg18207699	MMP14	0.0543664	0.0561444	0.705067	-1.4183	0.850636	0.970003	-1.03092	0.586633	1.09275	1.09275	0.518253	0.899592	-1.11161	0.0860949	1.35852	1.35852
cg05989795	LMF1	0.0543666	0.39066	1.51279	1.51279	0.571763	0.764202	-1.30856	0.38843	0.659677	-1.51589	0.162805	2.01614	2.01614	0.561659	0.758679	-1.31808
cg14418176	ADCY3	0.0543669	0.15261	0.580269	-1.72334	0.00604164	3.57529	3.57529	0.0580303	2.14074	2.14074	0.256696	1.52283	1.52283	0.0878495	0.512093	-1.95277
cg17930459	ALDH16A1;ALDH16A1	0.054367	0.690077	1.04759	1.04759	0.215369	0.859624	-1.1633	0.239756	0.86694	-1.15348	0.468798	1.08925	1.08925	0.00466877	0.646419	-1.54698
cg02820901	ATP11A;ATP11A	0.0543683	0.0456909	1.33384	1.33384	0.992701	0.99885	-1.00115	0.0081705	1.5305	1.5305	0.246039	1.16479	1.16479	0.840576	0.974994	-1.02565
cg07652350	IRF7;IRF7;IRF7	0.0543692	0.0497653	0.112446	-8.89314	0.236015	0.297443	-3.36199	0.633449	0.625555	-1.59858	0.372964	2.44267	2.44267	0.0242476	0.0725994	-13.7742
cg08047426	ZNF440	0.0543706	0.19497	1.13015	1.13015	0.1164	1.16448	1.16448	0.0281419	1.26038	1.26038	0.0464149	0.81578	-1.22582	0.397843	0.925644	-1.08033
cg26094789	PAX9	0.0543734	0.4109	0.751649	-1.33041	0.0848921	1.90958	1.90958	0.232004	1.53047	1.53047	0.273096	1.47292	1.47292	0.339988	0.716142	-1.39637
cg00405086	MED23;MED23	0.0543743	0.241444	0.607101	-1.64717	0.616105	1.22844	1.22844	0.00851833	3.92152	3.92152	0.672357	1.18903	1.18903	0.0093143	0.261172	-3.82889
cg21399198	ARMC10;ARMC10;ARMC10;FBXL13;ARMC10;ARMC10;FBXL13;ARMC10	0.0543764	0.0402733	0.704218	-1.42001	0.096708	1.30979	1.30979	0.0767422	1.33821	1.33821	0.416183	1.13087	1.13087	0.262587	1.18871	1.18871
cg11898646	EBF1	0.0543765	0.00707889	9.65277	9.65277	0.581937	1.43657	1.43657	0.965953	1.0282	1.0282	0.297917	2.01976	2.01976	0.177755	2.54227	2.54227
cg13605690	SPC25	0.0543776	0.256031	0.791858	-1.26285	0.0705812	1.48846	1.48846	0.011085	1.87185	1.87185	0.137788	0.730108	-1.36966	0.28935	1.24169	1.24169
cg11642298	BFSP2	0.054378	0.00448533	0.158982	-6.29001	0.771311	0.868099	-1.15194	0.0866556	0.39913	-2.50545	0.137818	0.460445	-2.17181	0.0396324	0.315121	-3.17338
cg14640772	PLEKHG4B	0.0543813	0.0485294	0.467817	-2.13759	0.0107969	0.339783	-2.94305	0.83733	0.933047	-1.07176	0.355731	0.725981	-1.37745	0.0209032	0.391823	-2.55217
cg25501817	FAM120B	0.0543818	0.628359	0.951783	-1.05066	0.12456	1.18351	1.18351	0.0830437	1.21463	1.21463	0.432799	0.922097	-1.08448	0.0408037	1.27029	1.27029
cg03514678	IDS;IDS;IDS;IDS	0.0543821	0.91697	1.08598	1.08598	0.733899	0.763457	-1.30983	0.160483	0.305466	-3.27369	0.514485	1.68687	1.68687	0.00129443	0.0245341	-40.7596
cg07327335	PP14571;GPC1	0.054383	0.927932	1.02186	1.02186	0.575784	1.14467	1.14467	0.659042	1.11197	1.11197	0.969826	1.00908	1.00908	0.0300195	0.54333	-1.8405
cg05673110	C13orf36	0.0543836	0.442379	1.3201	1.3201	0.0503623	2.20528	2.20528	0.1873	1.64134	1.64134	0.945265	0.97595	-1.02464	0.00376795	0.250024	-3.99962
cg18731680	COMT;COMT;COMT;COMT	0.0543842	0.0643893	0.42296	-2.36429	0.00354159	0.194567	-5.13963	0.223149	0.588566	-1.69904	0.147114	0.525038	-1.90462	0.0544386	0.405072	-2.4687
cg15286847	KLHL36	0.0543842	0.359524	0.751062	-1.33145	0.0215885	2.31267	2.31267	0.768412	0.914184	-1.09387	0.783972	1.08709	1.08709	0.00636608	0.339916	-2.9419
cg16689211	SNORD114-10;SNORD114-9	0.0543847	0.650877	1.08467	1.08467	0.0282346	0.629919	-1.58751	0.770154	0.949077	-1.05365	0.791602	0.953856	-1.04838	0.00830459	0.547754	-1.82564
cg19427472	RB1	0.0543852	0.182695	1.71952	1.71952	0.938718	0.970956	-1.02991	0.641837	0.835639	-1.19669	0.867523	1.06609	1.06609	0.0836829	2.08299	2.08299
cg16196201	GSTA2	0.0543864	0.235416	0.596036	-1.67775	0.0359394	0.362249	-2.76053	0.0392804	0.370679	-2.69775	0.0425243	0.378362	-2.64297	0.0366826	0.364174	-2.74594
cg13376768	SLC12A7	0.0543908	0.586845	1.24242	1.24242	0.00236515	5.35174	5.35174	0.741292	1.14004	1.14004	0.786292	0.898068	-1.1135	0.0449047	0.40229	-2.48577
cg02863237	RBM17;RBM17;RBM17	0.0543921	0.313307	1.18355	1.18355	0.034111	1.49118	1.49118	0.0488431	1.43837	1.43837	0.539481	1.1056	1.1056	0.246215	1.21648	1.21648
cg13453015	RFK	0.0543939	0.277578	1.32269	1.32269	0.0389796	0.553287	-1.80738	0.809515	0.941941	-1.06164	0.112366	1.53437	1.53437	0.0419483	1.78708	1.78708
cg25236382	C5orf36	0.0543942	0.207046	0.772449	-1.29458	0.0420578	0.634749	-1.57543	0.219037	0.778165	-1.28508	0.11309	0.715619	-1.39739	0.00541763	0.491558	-2.03435
cg23018242	LIMK2	0.0543946	0.066631	0.716011	-1.39663	0.0376828	0.675984	-1.47932	0.503914	1.11646	1.11646	0.0269538	0.653423	-1.5304	0.322352	0.847	-1.18064
cg03289764	LOC374443	0.0543953	0.00626328	0.177481	-5.6344	0.0206901	0.258672	-3.8659	0.0402901	0.316666	-3.1579	0.619836	0.784487	-1.27472	0.023205	0.267905	-3.73266
cg21286010	TNFRSF21	0.0543965	0.417464	0.825969	-1.2107	0.212603	0.73866	-1.3538	0.0161967	0.507293	-1.97125	0.0139751	0.496369	-2.01463	0.29131	1.28745	1.28745
cg04579415	TCTE1	0.0543965	0.0308151	0.42016	-2.38005	0.306776	0.696445	-1.43586	0.558877	1.22398	1.22398	0.184807	0.618231	-1.61752	0.0446981	0.454752	-2.199
cg20345556	TRIM26	0.0543972	0.811099	0.863701	-1.15781	0.0096475	7.42287	7.42287	0.0521603	3.86402	3.86402	0.146016	2.59889	2.59889	0.244056	0.474335	-2.10821
cg00458910	C19orf61	0.0543973	0.0358658	0.711992	-1.40451	0.0639897	1.33595	1.33595	0.189004	1.21362	1.21362	0.157621	0.810398	-1.23396	0.107992	0.783489	-1.27634
cg24864161	MOV10L1;MOV10L1;MOV10L1	0.0543975	0.142657	3.25074	3.25074	0.9611	0.964168	-1.03716	0.00891517	12.054	12.054	0.679783	0.733065	-1.36414	0.171692	0.33669	-2.97009
cg24408347	TEKT2;ADPRHL2	0.0543978	0.477226	1.57879	1.57879	0.441742	0.609169	-1.64158	0.0176667	0.161445	-6.19405	0.216045	0.439254	-2.27659	0.00345795	0.0813949	-12.2858
cg25406779	CNTD2	0.0544014	0.231309	2.43788	2.43788	0.104987	3.51622	3.51622	0.152844	2.96435	2.96435	0.173926	2.79179	2.79179	0.103551	0.282644	-3.53802
cg09720205	DOK4	0.0544015	0.474623	0.804256	-1.24339	0.12984	0.612486	-1.63269	0.017266	0.419381	-2.38447	0.979212	1.00784	1.00784	0.0922124	0.573917	-1.74241
cg01144764	C10orf119	0.0544031	0.489738	0.730098	-1.36968	0.40946	0.685088	-1.45967	0.224919	1.77086	1.77086	0.978201	0.987825	-1.01233	0.6823	1.20264	1.20264
cg19418958	TEX15	0.0544038	0.0400006	0.212759	-4.70015	0.0607094	0.251921	-3.9695	0.0422661	0.217561	-4.59641	0.781644	0.834301	-1.19861	0.0353924	0.202458	-4.93929
cg14403327	HCN4	0.0544056	0.56482	1.14066	1.14066	0.417007	0.828972	-1.20631	0.0398999	0.584434	-1.71106	0.958255	1.01191	1.01191	0.991967	0.997726	-1.00228
cg01292475	NTRK2;NTRK2;NTRK2;NTRK2;NTRK2	0.0544056	0.584803	0.920808	-1.086	0.370349	1.14747	1.14747	0.684939	1.06289	1.06289	0.658292	0.935611	-1.06882	0.640178	1.07293	1.07293
cg01412654	PPARG;PPARG	0.0544083	0.936089	0.98126	-1.0191	0.413998	1.21773	1.21773	0.0158753	0.498161	-2.00738	0.733417	1.08398	1.08398	0.266116	0.760832	-1.31435
cg05382012	AGRP;AGRP	0.0544089	0.940038	0.975646	-1.02496	0.353709	0.731451	-1.36715	0.0528853	0.486223	-2.05667	0.143173	0.597109	-1.67474	0.0058082	0.306034	-3.26761
cg03713365	SNRNP27	0.0544091	0.824254	0.91174	-1.0968	0.673247	1.19268	1.19268	0.536298	1.29713	1.29713	0.489252	0.746898	-1.33887	0.0907884	0.46115	-2.16849
cg04936062	THRAP3	0.0544104	0.0125802	0.522723	-1.91306	0.00625682	0.474846	-2.10595	0.67601	1.09184	1.09184	0.725696	0.929009	-1.07642	0.363829	0.822768	-1.21541
cg23315422	THOC1	0.054411	0.530786	1.08485	1.08485	0.0169915	1.4526	1.4526	0.0678195	1.30003	1.30003	0.856339	1.02352	1.02352	0.041568	1.35175	1.35175
cg23076194	DIRAS3	0.0544116	0.0318915	0.678292	-1.47429	0.598079	0.921161	-1.08559	0.813212	0.964121	-1.03721	0.934153	1.01284	1.01284	0.00613374	0.575779	-1.73678
cg12308164	TOLLIP	0.054413	0.612338	0.94063	-1.06312	0.00293008	1.63147	1.63147	0.0523098	1.30258	1.30258	0.388192	0.89949	-1.11174	0.535926	0.927672	-1.07797
cg15101008	WDR46;WDR46	0.0544131	0.538134	1.12431	1.12431	0.0298025	0.618407	-1.61706	0.0121565	0.555743	-1.79939	0.669658	0.922503	-1.08401	0.603931	1.10337	1.10337
cg01818121	GRAMD2	0.0544157	0.072671	6.60362	6.60362	0.0249591	12.3645	12.3645	0.508979	1.88047	1.88047	0.0469792	8.52749	8.52749	0.0832579	0.164065	-6.09514
cg06083200	PPP1R11	0.0544159	0.22391	0.6078	-1.64528	0.0591151	2.29435	2.29435	0.63243	1.20658	1.20658	0.312764	1.50214	1.50214	0.523386	0.777226	-1.28663
cg21593923	DHX37	0.054416	0.218572	0.803673	-1.24429	0.0314234	0.65294	-1.53153	0.00697022	0.554596	-1.80312	0.423685	1.14799	1.14799	0.706827	0.938177	-1.0659
cg02402307	PIR;PIR	0.054417	0.148026	0.366561	-2.72806	0.392972	0.567831	-1.76109	0.340742	1.88689	1.88689	0.647839	0.742737	-1.34637	0.194379	2.42994	2.42994
cg13487422	C8orf34	0.0544183	0.00590621	0.655969	-1.52446	0.42091	0.908228	-1.10105	0.0639798	0.783701	-1.276	0.156599	0.83745	-1.1941	0.100899	0.810307	-1.2341
cg25804447	C19orf24	0.0544194	0.0483978	0.67008	-1.49236	0.0439425	0.662985	-1.50833	0.0201681	0.608096	-1.64448	0.135328	0.751444	-1.33077	0.0281091	0.631037	-1.58469
cg22894346	TOMM6	0.0544202	0.0928268	0.824727	-1.21252	0.0374293	1.28615	1.28615	0.294186	1.12006	1.12006	0.141633	0.848159	-1.17902	0.818716	0.97636	-1.02421
cg23836594	GRB7;GRB7;GRB7	0.0544223	0.0495552	3.68807	3.68807	0.00566157	8.2853	8.2853	0.670195	1.28343	1.28343	0.62481	1.33255	1.33255	0.0700738	3.25319	3.25319
cg13603805	TMEM102	0.0544225	0.937884	1.01535	1.01535	0.00600292	0.495707	-2.01732	0.00751005	0.510443	-1.95908	0.528225	0.882592	-1.13303	0.107506	0.709414	-1.40961
cg19638648	GEMIN8;GEMIN8;GEMIN8	0.0544237	0.181342	1.58495	1.58495	0.136775	0.594378	-1.68243	0.00815216	3.00146	3.00146	0.141972	0.599034	-1.66935	0.0838696	0.537477	-1.86054
cg06447552	AMOTL1	0.0544246	0.220809	2.15912	2.15912	0.587122	0.72193	-1.38518	?	?	?	0.797046	0.85815	-1.1653	?	?	?
cg07377859	LMF1	0.0544248	0.098039	0.642711	-1.55591	0.711316	1.09477	1.09477	0.896143	0.968689	-1.03232	0.854944	0.956403	-1.04558	0.0137659	0.476274	-2.09963
cg04989913	SIX1	0.0544253	0.640796	0.917796	-1.08957	0.0157202	1.71666	1.71666	0.685645	1.07711	1.07711	0.888915	0.974811	-1.02584	0.443381	0.867052	-1.15333
cg07558275	VGLL3	0.0544253	0.647636	0.84083	-1.1893	0.157878	1.77567	1.77567	0.753517	1.12593	1.12593	0.0406356	0.402495	-2.4845	0.100993	0.503789	-1.98496
cg12644353	ACTR3;ACTR3	0.0544256	0.233323	0.872586	-1.14602	0.984758	1.00209	1.00209	0.943409	0.992287	-1.00777	0.704917	1.04237	1.04237	0.0135479	1.3955	1.3955
cg17745122	IRX3;IRX3	0.0544256	0.0373682	1.17399	1.17399	0.508147	1.04558	1.04558	0.570456	1.0388	1.0388	0.192003	1.09603	1.09603	0.0056741	0.785903	-1.27242
cg09347495	CLIC5	0.0544257	0.0521542	0.162011	-6.17242	0.0130197	0.078963	-12.6642	0.0259228	0.113182	-8.83532	0.235257	0.358787	-2.78717	0.046604	0.152948	-6.53817
cg27525731	TNS3	0.0544269	0.785357	0.911245	-1.0974	0.0467264	2.17119	2.17119	0.743892	1.11808	1.11808	0.782316	0.910009	-1.09889	0.00977735	0.328817	-3.04121
cg14128411	MYT1L	0.0544269	0.695047	1.10936	1.10936	0.154046	1.49475	1.49475	0.155823	0.670325	-1.49181	0.0103514	0.427101	-2.34137	0.238838	0.72256	-1.38397
cg20893936	TBC1D8	0.0544275	0.0167254	0.277788	-3.59986	0.853249	1.08459	1.08459	0.151739	0.509917	-1.9611	0.846979	1.08842	1.08842	0.0474314	0.36989	-2.7035
cg07037454	PNLIPRP3	0.0544299	0.0234122	0.3816	-2.62055	0.138285	0.566827	-1.76421	0.0393473	0.42825	-2.33508	0.801606	0.914327	-1.0937	0.179643	0.602293	-1.66032
cg15824080	TAF15;TAF15	0.0544303	0.492845	0.873048	-1.14541	0.866787	0.967804	-1.03327	0.0215487	1.71268	1.71268	0.357985	0.831717	-1.20233	0.701979	0.927795	-1.07782
cg25260114	RDX	0.0544305	0.266247	1.44436	1.44436	0.00193427	4.02426	4.02426	0.234442	1.48524	1.48524	0.856238	0.944068	-1.05925	0.236643	0.674659	-1.48223
cg19142553	HNRNPA2B1;HNRNPA2B1	0.0544305	0.060751	0.375937	-2.66002	0.00957103	4.56435	4.56435	0.308322	1.629	1.629	0.975059	0.985637	-1.01457	0.26163	0.581745	-1.71897
cg16491319	MYOM2	0.0544317	0.823634	0.89667	-1.11524	0.0411971	0.316376	-3.1608	0.093913	0.406581	-2.45953	0.616711	1.27962	1.27962	0.0073949	0.185225	-5.39883
cg09894605	CSNK1G1	0.0544326	0.884586	0.947918	-1.05494	0.985078	0.993137	-1.00691	0.50335	1.28415	1.28415	0.0208878	2.78348	2.78348	0.0157534	2.97311	2.97311
cg15177551	DNAJC15	0.0544326	0.587331	1.0849	1.0849	0.214665	0.823451	-1.2144	0.226154	0.827792	-1.20803	0.629581	0.930279	-1.07495	0.00163065	0.511113	-1.95651
cg23134075	SLC38A6	0.0544332	0.0215988	0.240627	-4.15581	0.0175054	0.224663	-4.4511	0.0291403	0.265139	-3.77161	0.349319	0.608064	-1.64456	0.0122856	0.199843	-5.00394
cg00061086	RPL36AL;MGAT2	0.0544339	0.335745	0.832714	-1.20089	0.856199	1.03402	1.03402	0.0329429	1.58413	1.58413	0.316837	0.826261	-1.21027	0.600203	1.10245	1.10245
cg19387936	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.054434	0.0302644	0.422875	-2.36476	0.147578	0.59156	-1.69044	0.901711	0.959114	-1.04263	0.243332	0.662004	-1.51057	0.0915853	0.533832	-1.87325
cg00746693	KIAA0355	0.0544358	0.97424	0.993833	-1.0062	0.37879	0.841156	-1.18884	0.795232	1.05108	1.05108	0.298207	1.22946	1.22946	0.977287	1.00547	1.00547
cg14188840	HOXA10	0.0544358	0.12667	2.95667	2.95667	0.0269413	0.179222	-5.57969	0.20907	0.419455	-2.38405	0.185872	0.398379	-2.51018	0.553537	0.674859	-1.48179
cg19034708	PCM1	0.0544358	0.0548373	0.638717	-1.56564	0.0945679	1.45975	1.45975	0.350156	1.21892	1.21892	0.0129395	0.529897	-1.88716	0.768569	1.06262	1.06262
cg26880777	MUL1	0.0544367	0.169906	0.762157	-1.31207	0.00897347	0.539351	-1.85408	0.312849	0.823699	-1.21404	0.851887	0.96587	-1.03534	0.783487	0.950114	-1.0525
cg09558195	GRM1;GRM1	0.0544406	0.809188	0.951082	-1.05143	0.0169099	1.82958	1.82958	0.152152	1.37442	1.37442	0.226498	0.768531	-1.30118	0.0848975	0.673674	-1.4844
cg17602102	RPTOR;RPTOR	0.0544423	0.432527	1.29518	1.29518	0.0487643	2.06836	2.06836	0.0793525	1.87556	1.87556	0.174509	1.59425	1.59425	0.355347	0.735635	-1.35937
cg02853358	C2orf78	0.0544434	0.0665808	0.461478	-2.16695	0.69209	0.86102	-1.16141	0.0864653	0.490685	-2.03797	0.63269	0.834418	-1.19844	0.00507367	0.248403	-4.02572
cg26770870	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0544436	0.191001	0.83375	-1.1994	0.728381	1.04685	1.04685	0.12386	0.803447	-1.24464	0.632864	1.06524	1.06524	0.662381	0.943938	-1.05939
cg18038544	GRIP2	0.0544441	0.067465	0.467016	-2.14125	0.199915	0.60458	-1.65404	0.554448	1.24882	1.24882	0.935575	1.0305	1.0305	0.0509624	0.437712	-2.28461
cg12687157	MARVELD2;MARVELD2	0.0544445	0.0578445	13.823	13.823	0.161234	6.24862	6.24862	0.189411	5.48724	5.48724	0.141199	6.9438	6.9438	0.0482095	15.8776	15.8776
cg22461835	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0544446	0.0340741	19.1901	19.1901	0.0182397	30.6605	30.6605	0.0745889	10.7245	10.7245	0.106096	8.23318	8.23318	0.0776179	10.4107	10.4107
cg19513834	POU3F3	0.0544447	0.39537	1.26746	1.26746	0.379988	1.27824	1.27824	0.488802	0.826582	-1.2098	0.317764	1.32701	1.32701	0.0802786	0.572312	-1.7473
cg26822601	GNL3L	0.054445	0.0302154	0.220972	-4.52547	0.0112047	0.152158	-6.57211	0.614293	1.35128	1.35128	0.0428482	3.97856	3.97856	0.351001	0.566273	-1.76593
cg04221400	DUSP3;C17orf105	0.0544455	0.979084	0.991421	-1.00865	0.574214	1.20511	1.20511	0.23926	1.49934	1.49934	0.00222228	4.08929	4.08929	0.0459602	2.12067	2.12067
cg01397679	NKX2-2	0.0544455	0.689039	1.44747	1.44747	0.327789	2.5312	2.5312	0.00626911	26.4239	26.4239	0.48584	1.9176	1.9176	0.845704	0.836004	-1.19617
cg10542145	BRWD1;BRWD1;BRWD1	0.054446	0.0476151	0.73664	-1.35752	0.601445	1.07369	1.07369	0.256913	0.852443	-1.1731	0.0975309	0.782466	-1.27801	0.0268254	1.42456	1.42456
cg18693704	CMTM4;CMTM4	0.0544464	0.403106	1.43783	1.43783	0.00352384	5.36138	5.36138	0.502568	0.74917	-1.33481	0.11999	2.04601	2.04601	0.494806	0.745113	-1.34208
cg17470837	JAKMIP1;JAKMIP1	0.0544466	0.00583401	0.211252	-4.73368	0.881399	1.06641	1.06641	0.665522	1.20601	1.20601	0.762751	0.877753	-1.13927	0.00738656	0.226139	-4.42205
cg00965110	PARN;PARN	0.054448	0.335456	0.492312	-2.03123	0.0311747	0.164604	-6.07518	0.00652539	0.0803198	-12.4502	0.641973	0.716008	-1.39663	0.0365769	0.17672	-5.65866
cg09072216	SPG20;SPG20;SPG20;SPG20	0.0544485	0.0102189	0.247708	-4.03701	0.464408	0.725488	-1.37838	0.656958	0.824782	-1.21244	0.312496	0.637461	-1.56872	0.0227635	0.308904	-3.23725
cg08929327	PEX16;PEX16	0.0544492	0.0181865	0.365911	-2.73291	0.91267	0.962267	-1.03921	0.402104	0.740337	-1.35074	0.0777115	0.502878	-1.98855	0.0165649	0.358375	-2.79037
cg07261419	ETV2	0.0544524	0.0028779	0.253563	-3.9438	0.243406	1.50463	1.50463	0.36826	0.733942	-1.36251	0.964315	1.01509	1.01509	0.0198336	0.390074	-2.56362
cg09725090	LTA4H	0.0544533	0.31234	0.930816	-1.07433	0.00554451	1.28402	1.28402	0.0484499	1.16727	1.16727	0.81874	0.984377	-1.01587	0.204481	1.0962	1.0962
cg02660089	SLC22A18;SLC22A18	0.0544552	0.937095	1.03024	1.03024	0.452245	1.33519	1.33519	0.570944	0.805604	-1.2413	0.374322	1.41089	1.41089	0.642626	1.19291	1.19291
cg23898059	NSUN6;NSUN6	0.0544559	0.00994794	0.41881	-2.38772	0.123187	1.56275	1.56275	0.0494958	1.82066	1.82066	0.914111	0.971569	-1.02926	?	?	?
cg12495975	RPS6KA2;RPS6KA2	0.0544567	0.298843	0.845523	-1.1827	0.0310509	1.48357	1.48357	0.516829	0.902651	-1.10785	0.267199	0.835166	-1.19737	0.273907	1.19413	1.19413
cg08526814	DNTTIP2	0.0544594	0.282091	0.70854	-1.41135	0.762304	0.910734	-1.09801	0.322506	0.729783	-1.37027	0.83835	1.06499	1.06499	0.435561	1.27789	1.27789
cg11005628	PCDHB12	0.0544601	0.0589158	2.97564	2.97564	0.0316059	3.62679	3.62679	0.199826	1.99847	1.99847	0.0788602	2.71173	2.71173	0.756764	0.853147	-1.17213
cg06144505	CCDC71	0.0544613	0.801855	0.92334	-1.08302	0.180534	0.636971	-1.56993	0.599993	1.18275	1.18275	0.0459669	0.484077	-2.06579	0.862438	0.946475	-1.05655
cg18149508	DFFA;DFFA	0.0544615	0.842295	1.1188	1.1188	0.405694	0.61917	-1.61507	0.172407	2.26685	2.26685	0.0805225	0.335437	-2.98118	0.545996	0.708699	-1.41104
cg21024835	PTPRN2;PTPRN2;PTPRN2	0.0544615	0.383988	1.44787	1.44787	0.703438	1.17184	1.17184	0.596635	0.801362	-1.24788	0.324274	1.52508	1.52508	0.00116493	0.138512	-7.21961
cg14399863	KANK1;KANK1;KANK1	0.0544616	0.0105188	0.274012	-3.64947	0.747175	0.878031	-1.13891	0.726848	0.86846	-1.15146	0.0129373	0.289185	-3.45799	0.0183463	0.31634	-3.16116
cg25704407	TCF3;TCF3	0.054464	0.204971	0.651635	-1.5346	0.589406	1.19063	1.19063	0.842934	0.938448	-1.06559	0.0562491	0.500418	-1.99833	0.00138814	0.226718	-4.41076
cg20877811	ATP2A1;ATP2A1	0.0544641	0.0125028	0.238694	-4.18946	0.215571	0.548293	-1.82384	0.509546	0.734575	-1.36133	0.972871	0.984444	-1.0158	0.0202548	0.275093	-3.63514
cg26829379	PSMB8;PSMB8	0.0544651	0.609638	0.928583	-1.07691	0.0688153	0.746005	-1.34047	0.00417577	0.575632	-1.73722	0.903652	1.01758	1.01758	0.486904	1.10698	1.10698
cg15316289	ALG12;CRELD2;CRELD2	0.0544664	0.060361	0.282148	-3.54424	0.0984527	0.33872	-2.95229	0.105549	0.347735	-2.87575	0.876427	0.911229	-1.09742	0.00912171	0.138239	-7.23387
cg09377531	TRAPPC9;TRAPPC9	0.0544665	0.496658	0.815938	-1.22558	0.128231	1.62359	1.62359	0.0142457	0.41022	-2.43772	0.796018	1.07934	1.07934	0.0144354	0.411246	-2.43164
cg23914535	RAB38	0.0544668	0.0505026	0.29615	-3.37667	0.0593782	0.312865	-3.19626	0.0347128	0.260778	-3.83468	0.798527	0.869663	-1.14987	0.0138199	0.189904	-5.26582
cg08547922	TNFRSF8	0.0544674	0.789491	1.08436	1.08436	0.912498	1.03383	1.03383	0.485794	1.23908	1.23908	0.115818	1.67759	1.67759	?	?	?
cg12811648	CHFR;CHFR;CHFR;CHFR;CHFR	0.0544685	0.249702	0.629618	-1.58826	0.902049	1.04849	1.04849	0.811563	1.0962	1.0962	0.657877	1.18697	1.18697	0.00802446	0.27081	-3.69263
cg02929961	BIN3	0.0544698	0.023783	0.152334	-6.56454	0.031839	0.173014	-5.77988	0.0611714	0.22962	-4.35502	0.205113	0.393628	-2.54047	0.036462	0.183508	-5.44936
cg00037952	C10orf26;C10orf26	0.0544701	0.223903	1.65238	1.65238	0.114569	1.96318	1.96318	0.604084	1.22828	1.22828	0.859418	1.07217	1.07217	0.0117174	0.290025	-3.44797
cg14218343	ZNF32;ZNF32	0.0544711	0.776992	0.928756	-1.07671	0.00226803	3.03897	3.03897	0.97138	0.990706	-1.00938	0.457279	1.21777	1.21777	0.923543	1.0253	1.0253
cg08520743	PON3	0.0544735	0.043996	11.6441	11.6441	0.0521558	10.4099	10.4099	0.170099	4.71027	4.71027	0.1363	5.48725	5.48725	0.249541	3.58365	3.58365
cg21627574	RFT1	0.0544735	0.00773422	0.455419	-2.19578	0.0251184	1.84492	1.84492	0.0976145	1.51871	1.51871	0.343302	1.25163	1.25163	0.850628	1.04429	1.04429
cg21800400	AKAP11	0.0544747	0.243329	1.38483	1.38483	0.0158678	2.19871	2.19871	0.0758195	1.69382	1.69382	0.0147299	2.22678	2.22678	0.260075	1.36792	1.36792

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13777411	0.917639	0.982657	-1.01765	0.00562133	0.540731	-1.84935	0.715093	0.939875	-1.06397	0.874342	0.973586	-1.02713	3.28155	1.48689	0.402763	1
cg04308657	0.848456	0.866899	-1.15354	0.133993	0.299206	-3.34218	0.168003	2.99524	2.99524	0.967625	0.970152	-1.03077	3.28153	28.9718	7.84778	1
cg24951114	0.461399	1.10054	1.10054	0.00507572	0.622961	-1.60524	0.463538	0.909077	-1.10002	0.416782	1.11185	1.11185	3.2815	0.848321	0.229792	1
cg16518729	0.0982753	0.499185	-2.00326	0.70173	0.862912	-1.15887	0.352762	0.693248	-1.44249	0.0996007	0.500804	-1.99679	3.28144	7.62963	2.06674	1
cg12597389	0.0671958	36.1277	36.1277	0.0306113	84.9367	84.9367	0.0134745	210.413	210.413	0.0365666	69.982	69.982	3.28143	158.913	43.0472	1
cg12229387	0.355355	0.643144	-1.55486	0.0363408	0.323145	-3.09458	0.173736	0.510744	-1.95793	0.63917	0.803134	-1.24512	3.2814	11.2009	3.03417	1
cg26467554	0.0468598	0.320138	-3.12365	0.0400327	0.304842	-3.28039	0.0626568	0.350406	-2.85383	0.0480734	0.322692	-3.09893	3.28136	13.0229	3.52777	1
cg10149123	0.983875	1.00338	1.00338	0.455271	0.880871	-1.13524	0.371862	0.858196	-1.16524	0.021883	1.58213	1.58213	3.28135	1.44574	0.391638	1
cg09618015	0.106644	1.63925	1.63925	0.0921134	1.6823	1.6823	0.00702592	2.65845	2.65845	0.0798994	1.72493	1.72493	3.28133	4.09038	1.10805	1
cg00078513	0.313651	0.672614	-1.48674	0.00636132	0.258823	-3.86364	0.238794	0.625303	-1.59922	0.101632	0.505597	-1.97786	3.28133	7.52656	2.03889	1
cg06958537	0.656003	1.29902	1.29902	0.101495	2.84691	2.84691	0.0789782	3.12106	3.12106	0.117196	2.69936	2.69936	3.28133	17.695	4.79346	1
cg08370839	0.349992	1.24455	1.24455	0.274157	0.772005	-1.29533	0.00877138	2.13637	2.13637	0.574079	1.13786	1.13786	3.28131	2.68752	0.728036	1
cg18207699	0.370281	1.16026	1.16026	0.15596	1.27792	1.27792	0.0478303	1.44129	1.44129	0.0207063	0.637623	-1.56832	3.2813	1.35642	0.367447	1
cg05989795	0.153076	2.05462	2.05462	0.00270298	7.03147	7.03147	0.519691	0.735536	-1.35955	0.0908243	2.4031	2.4031	3.28129	11.5106	3.11817	1
cg14418176	0.731243	1.1303	1.1303	0.556161	0.809389	-1.2355	0.949614	1.0227	1.0227	0.658746	0.853938	-1.17104	3.28128	6.5587	1.77673	1
cg17930459	0.0166759	0.71248	-1.40355	0.945527	1.00796	1.00796	0.567716	1.06929	1.06929	0.137891	0.830842	-1.2036	3.28128	0.699191	0.189409	1
cg02820901	0.0385891	1.35155	1.35155	0.488305	0.915282	-1.09256	0.0705709	1.28928	1.28928	0.287347	0.870313	-1.14901	3.28125	0.821565	0.222561	1
cg07652350	0.229685	0.292094	-3.42355	0.379442	0.414606	-2.41193	0.114841	0.187437	-5.33512	0.0227909	14.308	14.308	3.28123	49.5485	13.4227	1
cg08047426	0.188194	0.882977	-1.13253	0.860915	1.01578	1.01578	0.571115	1.05242	1.05242	0.0325007	1.25031	1.25031	3.2812	0.413978	0.112148	1
cg26094789	0.124124	0.568171	-1.76003	0.0563778	0.480217	-2.08239	0.0168867	2.69003	2.69003	0.36231	0.727679	-1.37423	3.28113	5.98999	1.62274	1
cg00405086	0.925949	0.962871	-1.03856	0.886099	0.943333	-1.06007	0.723464	1.15557	1.15557	0.397766	1.42248	1.42248	3.28111	8.60837	2.3321	1
cg21399198	0.482051	1.11154	1.11154	0.0157905	0.645527	-1.54912	0.604799	0.925645	-1.08033	0.415939	1.13094	1.13094	3.28106	1.13819	0.308353	1
cg11898646	0.719053	0.790302	-1.26534	0.815881	0.859026	-1.16411	0.0164056	6.75883	6.75883	0.0178713	6.52343	6.52343	3.28106	22.0559	5.97527	1
cg13605690	0.291666	0.80625	-1.24031	0.0938863	0.695877	-1.43704	0.87392	1.03175	1.03175	0.303611	1.23334	1.23334	3.28104	2.01323	0.545419	1
cg11642298	0.765659	0.864961	-1.15612	0.273261	0.575008	-1.73911	0.786259	1.14101	1.14101	0.0188335	0.251337	-3.97872	3.28103	12.2401	3.31607	1
cg14640772	0.312576	0.703195	-1.42208	0.179815	1.61643	1.61643	0.0473021	0.465316	-2.14908	0.290907	0.691112	-1.44694	3.28095	5.90471	1.59973	1
cg25501817	0.420236	1.08701	1.08701	0.00296547	1.51164	1.51164	0.876322	1.01591	1.01591	0.283664	1.11947	1.11947	3.28094	0.533418	0.144516	1
cg03514678	0.215138	0.356268	-2.80688	0.468314	1.7926	1.7926	0.835505	1.17877	1.17877	0.967106	0.967908	-1.03316	3.28093	32.5115	8.80819	1
cg07327335	0.908492	1.02786	1.02786	0.00235413	0.362672	-2.75731	0.446176	1.20393	1.20393	0.288709	0.76856	-1.30113	3.28091	2.96832	0.8042	1
cg05673110	0.340893	1.4162	1.4162	0.871851	1.05891	1.05891	0.283825	1.48405	1.48405	0.667772	0.858052	-1.16543	3.28089	6.53197	1.7697	1
cg18731680	0.0592377	0.413974	-2.41561	0.0251185	0.331824	-3.01365	0.575721	0.791247	-1.26383	0.228183	0.592278	-1.6884	3.28088	8.91077	2.41419	1
cg15286847	0.965342	1.01329	1.01329	0.701005	1.12438	1.12438	0.789629	0.92196	-1.08465	0.0672131	0.536182	-1.86504	3.28088	4.79786	1.29988	1
cg16689211	0.0745774	1.42526	1.42526	0.587512	1.10264	1.10264	0.168704	0.769796	-1.29905	0.140158	0.753416	-1.32729	3.28087	1.65367	0.448029	1
cg19427472	0.0927831	2.03189	2.03189	0.00211183	5.24314	5.24314	0.0945787	2.02252	2.02252	0.169756	1.75174	1.75174	3.28086	7.635	2.06856	1
cg16196201	0.0563821	0.406971	-2.45718	0.0145	0.285554	-3.50196	0.0836888	0.450872	-2.21793	0.0339057	0.356824	-2.80251	3.28083	8.99742	2.43771	1
cg13376768	0.864025	1.07016	1.07016	0.263261	1.58625	1.58625	0.949344	0.975179	-1.02545	0.543208	0.783922	-1.27564	3.28073	8.13146	2.20316	1
cg02863237	0.404132	0.871149	-1.14791	0.0133499	0.60941	-1.64093	0.319959	1.18065	1.18065	0.219807	1.23182	1.23182	3.2807	1.35671	0.367593	1
cg13453015	0.18567	0.706392	-1.41564	0.130536	1.49845	1.49845	0.230568	1.36549	1.36549	0.0902356	0.629756	-1.58792	3.28066	3.18735	0.863607	1
cg25236382	0.842067	0.96203	-1.03947	0.0826345	1.45206	1.45206	0.215067	0.776298	-1.28817	0.68798	0.924656	-1.08148	3.28065	1.95623	0.530039	1
cg23018242	0.0331366	0.667254	-1.49868	0.52563	1.11012	1.11012	0.712973	1.06185	1.06185	0.126849	1.30763	1.30763	3.28064	1.37089	0.371443	1
cg03289764	0.331654	0.614999	-1.62602	0.0994086	0.416191	-2.40274	0.133091	0.455432	-2.19572	0.202811	0.520705	-1.92047	3.28062	12.2402	3.3165	1
cg21286010	0.0381136	0.574282	-1.7413	0.355497	1.24522	1.24522	0.93638	0.981748	-1.01859	0.566326	1.14312	1.14312	3.2806	2.76636	0.749554	1
cg04579415	0.439274	0.763599	-1.30959	0.0079088	0.312012	-3.20501	0.0153296	0.361442	-2.7667	0.333998	0.711273	-1.40593	3.2806	6.07418	1.64582	1
cg20345556	0.552735	1.44416	1.44416	0.728053	1.23816	1.23816	0.0120993	6.78322	6.78322	0.196234	2.30777	2.30777	3.28058	19.4579	5.27222	1
cg00458910	0.399634	0.886951	-1.12746	0.0345021	0.709606	-1.40923	0.346234	1.14449	1.14449	0.244223	0.844084	-1.18472	3.28058	1.00576	0.272517	1
cg24864161	0.624503	1.4464	1.4464	0.0159087	9.1068	9.1068	0.0639058	4.74973	4.74973	0.436897	1.81005	1.81005	3.28057	29.0818	7.87986	1
cg24408347	0.641188	1.34525	1.34525	0.980605	1.01548	1.01548	0.960954	0.969539	-1.03142	0.124368	0.349453	-2.86161	3.28057	20.7454	5.6211	1
cg25406779	0.184148	2.71805	2.71805	0.0110716	9.59437	9.59437	0.0210908	7.16153	7.16153	0.849414	0.873797	-1.14443	3.28048	26.1723	7.09173	1
cg09720205	0.0138037	0.401798	-2.48881	0.592358	0.850508	-1.17577	0.646274	0.870712	-1.14849	0.00728508	0.354559	-2.82041	3.28048	4.66333	1.26359	1
cg01144764	0.960989	0.97831	-1.02217	0.00764699	0.214977	-4.65166	0.331266	0.637992	-1.56742	0.00625774	0.202452	-4.93945	3.28044	10.4432	2.82974	1
cg19418958	0.0487644	0.23053	-4.33783	0.0123923	0.131389	-7.61101	0.0408282	0.214532	-4.66131	0.104868	0.31489	-3.17572	3.28043	22.0856	5.98448	1
cg14403327	0.339901	0.800577	-1.2491	0.758716	1.07216	1.07216	0.00189856	0.369681	-2.70503	0.474186	1.17891	1.17891	3.28039	2.65671	0.719892	1
cg01292475	0.456683	0.892839	-1.12002	0.00137004	0.499345	-2.00262	0.238094	0.831284	-1.20296	0.360145	1.15105	1.15105	3.28038	1.16165	0.314774	1
cg01412654	0.257241	0.756603	-1.3217	0.967589	1.00963	1.00963	0.0033282	0.389541	-2.56712	0.222	0.738765	-1.35361	3.28032	2.89101	0.783393	1
cg05382012	0.0598357	0.498602	-2.00561	0.616164	1.18015	1.18015	0.18458	1.58599	1.58599	0.120475	0.575817	-1.73666	3.28031	5.58021	1.51211	1
cg03713365	0.444982	1.38192	1.38192	0.00180982	0.15837	-6.31433	0.445606	0.723965	-1.38128	0.337258	1.50832	1.50832	3.2803	8.96624	2.42965	1
cg04936062	0.0248928	0.572321	-1.74727	0.852821	0.961921	-1.03959	0.748033	1.0697	1.0697	0.331291	0.810956	-1.23311	3.28027	2.27026	0.615196	1
cg23315422	0.275322	1.1567	1.1567	0.086789	0.78457	-1.27458	0.918638	0.986979	-1.01319	0.026604	1.40085	1.40085	3.28026	0.854772	0.231627	1
cg23076194	0.0141192	0.626521	-1.59612	0.0770264	0.73822	-1.35461	0.101106	0.757941	-1.31936	0.597522	0.921044	-1.08572	3.28025	1.23797	0.335468	1
cg12308164	0.464161	1.09334	1.09334	0.213245	1.16999	1.16999	0.43623	0.909249	-1.09981	0.225352	1.16476	1.16476	3.28021	0.74528	0.20196	1
cg15101008	0.0613347	0.672837	-1.48625	0.66932	1.0841	1.0841	0.151939	1.33443	1.33443	0.0882941	0.702224	-1.42405	3.28021	1.83546	0.497383	1
cg01818121	0.68378	0.67976	-1.47111	0.90559	1.11833	1.11833	0.791669	0.779158	-1.28344	0.0205935	13.8581	13.8581	3.28015	46.1598	12.5089	1
cg06083200	0.494223	1.31065	1.31065	0.0158695	0.316246	-3.1621	0.0202132	0.335749	-2.97842	0.32282	0.671682	-1.4888	3.28015	7.88914	2.13788	1
cg21593923	0.397832	1.15744	1.15744	0.091273	1.36906	1.36906	0.940678	1.01265	1.01265	0.546533	1.10856	1.10856	3.28014	1.48192	0.401587	1
cg02402307	0.120818	0.336884	-2.96838	0.977205	0.981692	-1.01865	0.853632	1.12686	1.12686	0.00327068	13.3647	13.3647	3.28012	21.7275	5.88799	1
cg13487422	0.204865	0.855037	-1.16954	0.855744	1.02153	1.02153	0.186018	0.848615	-1.17839	0.00815354	0.672714	-1.48652	3.28009	0.712006	0.19295	1
cg25804447	0.547416	1.11413	1.11413	0.813874	0.958997	-1.04276	0.367599	0.848492	-1.17856	0.0160405	0.59261	-1.68745	3.28006	1.63708	0.443644	1
cg22894346	0.213451	1.14628	1.14628	0.0749803	0.813311	-1.22954	0.157636	0.854318	-1.17052	0.0715917	1.23324	1.23324	3.28005	0.564115	0.152874	1
cg23836594	0.496067	0.668596	-1.49567	0.952716	0.966049	-1.03514	0.698144	0.796917	-1.25484	0.0212992	5.01322	5.01322	3.28	17.6248	4.77637	1
cg13603805	0.586397	0.898193	-1.11335	?	?	?	0.193017	0.763959	-1.30897	0.57943	0.896359	-1.11562	3.32708	1.78919	0.537765	1
cg19638648	0.229692	0.664273	-1.5054	0.483752	0.793752	-1.25984	0.987325	0.994858	-1.00517	0.27133	0.689575	-1.45017	3.27996	5.47225	1.48301	1
cg06447552	0.463997	1.55811	1.55811	0.00345149	0.0839512	-11.9117	0.13924	0.384762	-2.59901	0.85176	0.894913	-1.11743	3.65433	15.5171	4.24622	1
cg07377859	0.545942	1.16051	1.16051	0.015126	0.483329	-2.06898	0.203694	1.3865	1.3865	0.166585	1.43225	1.43225	3.27994	3.08211	0.835276	1
cg04989913	0.764413	1.0564	1.0564	0.00593849	0.518519	-1.92857	0.473478	0.875389	-1.14235	0.222401	1.26374	1.26374	3.27993	1.73101	0.46912	1
cg07558275	0.419514	0.732391	-1.36539	0.89368	1.05162	1.05162	0.00855327	3.7183	3.7183	0.197653	0.596372	-1.67681	3.55063	7.7973	1.70803	1
cg12644353	0.0667861	1.25126	1.25126	0.00588572	1.48152	1.48152	0.873865	0.982822	-1.01748	0.903824	1.01327	1.01327	3.27992	0.617945	0.167469	1
cg17745122	0.461157	1.05107	1.05107	0.249999	0.923286	-1.08309	0.931836	0.994336	-1.0057	0.281113	0.928321	-1.07721	3.27992	0.22899	0.0620585	1
cg09347495	0.0505811	0.159492	-6.2699	0.0218988	0.103718	-9.64156	0.0650809	0.181465	-5.51069	0.153399	0.283761	-3.5241	3.27992	35.2697	9.55843	1
cg27525731	0.683748	0.869846	-1.14963	0.113617	1.79698	1.79698	0.0975219	1.85711	1.85711	0.147772	0.589358	-1.69676	3.27989	6.02139	1.63187	1
cg14128411	0.039619	1.87165	1.87165	0.119177	0.64053	-1.56121	0.893498	0.965331	-1.03591	0.402697	0.798048	-1.25306	3.27989	3.60442	0.976841	1
cg20893936	0.453589	1.39767	1.39767	0.0981177	0.451276	-2.21594	0.502705	1.34758	1.34758	0.0116938	0.251171	-3.98135	3.27988	9.99059	2.70758	1
cg07037454	0.148173	0.575898	-1.73642	0.00276034	0.230168	-4.34465	0.652506	0.851081	-1.17498	0.430809	0.751221	-1.33117	3.27982	6.57384	1.78163	1
cg15824080	0.96314	0.991032	-1.00905	0.0168682	0.566496	-1.76524	0.0195316	0.576859	-1.73353	0.503527	1.14149	1.14149	3.27981	1.97378	0.53493	1
cg25260114	0.377872	1.33265	1.33265	0.479388	0.795955	-1.25635	0.727609	0.894954	-1.11738	0.378267	0.750572	-1.33232	3.27981	5.23269	1.41816	1
cg19142553	0.552288	0.75711	-1.32081	0.0569466	0.369009	-2.70996	0.403358	1.48547	1.48547	0.205995	0.539368	-1.85402	3.27981	11.1244	3.01491	1
cg16491319	0.398296	1.52585	1.52585	0.0183397	0.246969	-4.0491	0.485313	0.707196	-1.41403	0.997902	0.998716	-1.00129	3.27978	12.401	3.36092	1
cg09894605	0.312373	1.46937	1.46937	0.0212168	0.36057	-2.77339	0.371869	1.40161	1.40161	0.496472	1.28951	1.28951	3.27976	7.04391	1.90906	1
cg15177551	0.813258	0.965422	-1.03582	0.480606	1.11251	1.11251	0.34919	0.866484	-1.15409	0.0636879	0.733439	-1.36344	3.27976	1.14867	0.311317	1
cg23134075	0.328039	0.593752	-1.6842	0.0538711	0.322982	-3.09614	0.543863	0.728167	-1.37331	0.0891373	0.379839	-2.63269	3.27974	13.8489	3.75339	1
cg00061086	0.37439	1.18312	1.18312	0.00414741	0.492249	-2.03149	0.432605	0.862692	-1.15916	0.564314	1.11346	1.11346	3.27973	1.76677	0.478838	1
cg19387936	0.326907	0.710373	-1.40771	0.0120528	0.347203	-2.88016	0.00598109	0.297002	-3.36698	0.113277	0.558612	-1.79015	3.27973	5.92992	1.60716	1
cg00746693	0.119823	1.38168	1.38168	0.253465	0.79575	-1.25668	0.00471633	2.0529	2.0529	0.0215605	1.69675	1.69675	3.27968	1.90621	0.516637	1
cg14188840	0.0255528	0.175366	-5.70237	0.0122496	0.129063	-7.74817	0.908701	0.92749	-1.07818	0.189332	0.401592	-2.49009	3.27968	22.3633	6.06111	1
cg19034708	0.72252	0.929233	-1.07616	0.782174	1.05871	1.05871	0.890124	0.971947	-1.02886	0.0344383	1.66163	1.66163	3.27968	2.20114	0.596574	1
cg26880777	0.506834	0.882392	-1.13328	0.00973261	1.83583	1.83583	0.472188	0.872966	-1.14552	0.6313	0.914086	-1.09399	3.27966	1.79287	0.485922	1
cg09558195	0.666858	0.914128	-1.09394	0.730115	1.07444	1.07444	0.0132005	1.89067	1.89067	0.722307	1.07678	1.07678	3.27957	2.23256	0.605107	1
cg17602102	0.0104287	0.352982	-2.833	0.832299	0.933817	-1.07087	0.450466	0.780124	-1.28185	0.252299	0.679667	-1.47131	3.27953	5.4161	1.46799	1
cg02853358	0.116303	0.526456	-1.89949	0.0137322	0.318096	-3.1437	0.12342	0.534005	-1.87264	0.072057	0.470102	-2.1272	3.27951	7.34053	1.9896	1
cg26770870	0.0839221	1.28551	1.28551	0.158108	1.21916	1.21916	0.00553147	0.619538	-1.61411	0.407617	1.11766	1.11766	3.2795	0.895704	0.242775	1
cg18038544	0.0194788	0.350122	-2.85614	0.00906495	0.291575	-3.42965	0.0571041	0.44936	-2.22539	0.845039	0.929861	-1.07543	3.27949	7.17294	1.94419	1
cg12687157	0.114709	8.17272	8.17272	0.00675701	73.6973	73.6973	0.0188257	32.62	32.62	0.0332719	21.0568	21.0568	3.27948	77.8981	21.1139	1
cg22461835	0.426337	0.379	-2.63852	0.0504569	14.3389	14.3389	0.0489985	14.6542	14.6542	0.0498707	14.4637	14.4637	3.27948	74.1056	20.086	1
cg19513834	0.0422364	0.500899	-1.99641	0.0283672	2.17779	2.17779	0.038878	2.03223	2.03223	0.0909903	1.70374	1.70374	4.57178	4.77459	0.5802	1
cg26822601	0.103878	0.348702	-2.86777	0.940845	0.956984	-1.04495	0.92174	1.05994	1.05994	0.739456	1.21864	1.21864	3.27947	18.2298	4.94112	1
cg04221400	0.71253	1.12933	1.12933	?	?	?	0.529209	0.810995	-1.23305	0.770817	0.908467	-1.10076	3.32653	5.05807	1.52052	1
cg01397679	0.0679704	6.54945	6.54945	0.436988	2.073	2.073	0.00476292	31.364	31.364	0.859309	1.17718	1.17718	3.27946	43.9015	11.8994	1
cg10542145	0.0263843	0.700987	-1.42656	0.477009	1.10247	1.10247	0.722904	1.04921	1.04921	0.381696	1.12868	1.12868	3.27945	0.945514	0.25628	1
cg18693704	0.563189	1.28154	1.28154	0.315782	0.643901	-1.55303	0.0371205	2.79304	2.79304	0.777116	0.88652	-1.12801	3.27944	9.35577	2.53588	1
cg17470837	0.668414	0.830625	-1.20391	0.533404	1.31216	1.31216	0.605216	1.2518	1.2518	0.504499	1.33869	1.33869	3.27943	9.63392	2.61127	1
cg00965110	0.063007	0.224893	-4.44656	0.0188952	0.131522	-7.60331	0.164907	0.347501	-2.87769	0.238421	0.414369	-2.41331	3.2794	26.438	7.16607	1
cg09072216	0.875337	1.07	1.07	0.0143691	0.27238	-3.67134	0.0494736	0.380571	-2.62763	0.0706536	0.418702	-2.38833	3.27939	9.64687	2.61482	1
cg08929327	0.168553	0.597864	-1.67262	0.0118801	0.332552	-3.00705	0.0532238	0.463006	-2.1598	0.0859118	0.514073	-1.94525	3.27937	6.38432	1.7305	1
cg07261419	0.436944	0.766877	-1.30399	0.775447	0.908712	-1.10046	0.65397	1.16302	1.16302	0.793776	0.916047	-1.09165	3.2793	5.81855	1.57718	1
cg09725090	0.283008	0.926333	-1.07953	0.177648	0.906401	-1.10326	0.231896	1.08982	1.08982	0.595414	1.03745	1.03745	3.27928	0.244401	0.0662479	1
cg02660089	0.744891	1.13116	1.13116	0.00112354	0.1636	-6.11246	0.766281	1.11909	1.11909	0.793136	1.10429	1.10429	3.27923	7.40015	2.00593	1
cg23898059	0.913877	0.971493	-1.02934	0.0732405	0.586228	-1.70582	0.653168	0.8861	-1.12854	0.815946	1.06432	1.06432	3.32628	3.34673	1.00615	1
cg12495975	0.364457	0.864831	-1.1563	0.0167543	1.57612	1.57612	0.39515	0.873098	-1.14535	0.0681781	0.72742	-1.37472	3.2792	1.26114	0.341856	1
cg08526814	?	?	?	0.142485	0.615115	-1.62571	0.00415174	0.305935	-3.26866	0.0847935	1.79953	1.79953	3.3262	4.44911	1.33759	1
cg11005628	0.11357	2.41129	2.41129	0.0241279	3.95387	3.95387	0.0106731	5.15926	5.15926	0.055546	3.03183	3.03183	3.27912	13.5715	3.67891	1
cg06144505	0.54655	0.824035	-1.21354	0.472454	1.26088	1.26088	0.48834	0.799875	-1.2502	0.00169766	0.24121	-4.14577	3.27909	5.22512	1.41641	1
cg18149508	?	?	?	0.0034562	0.106757	-9.36703	0.311879	1.80315	1.80315	0.733777	0.825002	-1.21212	3.32615	14.8691	4.47037	1
cg21024835	0.877859	0.938229	-1.06584	0.937652	1.03297	1.03297	0.364634	0.679621	-1.47141	0.764335	0.882805	-1.13275	3.27909	8.92675	2.41985	1
cg14399863	0.612143	1.22828	1.22828	0.0631727	0.431541	-2.31728	0.504326	0.761491	-1.31321	0.274289	0.632889	-1.58006	3.27909	8.39877	2.27672	1
cg25704407	0.392745	0.755505	-1.32362	0.975932	0.990386	-1.00971	0.850743	1.06218	1.06218	0.397283	0.757629	-1.31991	3.27903	5.3255	1.44365	1
cg20877811	0.109415	0.447208	-2.2361	0.051716	0.3603	-2.77547	0.0222838	0.282835	-3.53563	0.0348084	0.321667	-3.1088	3.27903	11.0392	2.99254	1
cg26829379	0.700097	0.945832	-1.05727	0.0355238	0.703173	-1.42212	0.303137	1.16587	1.16587	0.500324	1.10344	1.10344	3.279	1.07515	0.291457	1
cg15316289	0.0498688	0.262847	-3.8045	0.0109541	0.148472	-6.73526	0.200432	0.445787	-2.24322	0.0772973	0.309354	-3.23254	3.27897	18.5332	5.02412	1
cg09377531	0.147614	0.632603	-1.58077	0.0613773	0.537291	-1.86119	0.561497	0.841111	-1.1889	0.132995	0.620183	-1.61243	3.27897	4.51128	1.22295	1
cg23914535	0.0856877	0.354494	-2.82093	0.228616	0.501648	-1.99343	0.12328	2.48804	2.48804	0.55745	0.723309	-1.38254	3.27896	15.48	4.19644	1
cg08547922	0.15765	0.632988	-1.57981	0.003331	0.298351	-3.35175	0.42687	0.782273	-1.27833	0.260402	0.700963	-1.42661	3.32601	4.28948	1.28968	1
cg12811648	0.00716764	0.263113	-3.80064	0.410604	0.723543	-1.38209	0.431923	1.36133	1.36133	0.125369	0.528391	-1.89254	3.27892	7.68057	2.08214	1
cg02929961	0.549325	0.655397	-1.52579	0.00844368	0.0958067	-10.4377	0.059478	0.226842	-4.40836	0.13025	0.319906	-3.12592	3.2789	25.256	6.84674	1
cg00037952	0.0675488	2.23673	2.23673	0.0630246	2.27499	2.27499	0.0688793	2.22607	2.22607	0.936409	1.03186	1.03186	3.27889	8.02297	2.17498	1
cg14218343	0.992812	1.00235	1.00235	0.0858711	0.61016	-1.63892	0.865409	0.956808	-1.04514	0.142065	0.663108	-1.50805	3.27886	3.51781	0.953667	1
cg08520743	0.0618237	9.30625	9.30625	0.00683269	41.1043	41.1043	0.0180481	21.0416	21.0416	0.0600892	9.48256	9.48256	3.27881	58.4157	15.8366	1
cg21627574	0.466924	1.18553	1.18553	0.246952	0.757051	-1.32091	0.986187	1.00399	1.00399	0.948697	0.985315	-1.0149	3.27881	2.74465	0.744079	1
cg21800400	0.83335	1.0578	1.0578	0.403464	0.796124	-1.25609	0.305389	0.753492	-1.32715	0.0479167	1.8278	1.8278	3.27878	3.69329	1.00126	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg00409201	ZSCAN1	0.0544749	0.0665121
cg13502356	ZMPSTE24	0.054476	0.0883271
cg19140548	SH3PXD2A	0.0544781	0.0657779
cg07593177	ARFIP2;FXC1	0.0544781	0.01965
cg06947430	CLEC11A	0.0544795	0.798332
cg27551706	CAMTA1	0.0544804	0.981765
cg18359129	IGF1R	0.0544815	0.416447
cg17923485	SDK1	0.0544819	0.544722
cg00712898	PRPF38B;PRPF38B	0.0544821	0.0323381
cg26831416	ACTN4	0.0544822	0.045079
cg00573124	C9orf69	0.0544838	0.0743627
cg02993564	TSNARE1	0.0544845	0.0835744
cg06242728	SMCR7L	0.0544856	0.0362745
cg10675138	PDE10A;PDE10A;PDE10A;PDE10A	0.0544861	0.328332
cg26710469	GOLGA4	0.0544869	0.706392
cg15157453	POMGNT1;POMGNT1	0.054488	0.0675884
cg20198768	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.0544882	0.0902827
cg00174096	LOC440944;SETD5	0.0544886	0.299489
cg19907725	S100A2	0.054489	0.0334647
cg14137281	NFIL3	0.0544893	0.274803
cg19264163	KCNH8	0.05449	0.225052
cg04981166	LOC388796;SNORA71A;LOC388796	0.0544902	0.203235
cg17143900	CAMTA1	0.0544926	0.0466998
cg06353069	RAB17	0.0544931	0.69638
cg10520790	PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1	0.0544934	0.0150809
cg19251242	C1orf38;C1orf38;C1orf38	0.0544956	0.0957593
cg17150246	KLHDC9;KLHDC9;KLHDC9	0.0544977	0.125523
cg09803951	HLA-A	0.0544981	0.186591
cg20948997	XKR4	0.0544985	0.290775
cg10878114	SLC35F3	0.0544992	0.170609
cg01798391	OXNAD1;DPH3;DPH3	0.0545034	0.180869
cg14765933	SLC6A3	0.0545079	0.0604063
cg00944884	NBL1;NBL1	0.054508	0.0109621
cg02673107	COL11A2;COL11A2;COL11A2	0.0545092	0.0539475
cg14784398	PDE4D;PDE4D	0.0545114	0.849701
cg04195684	MLC1;MLC1	0.0545131	0.160165
cg14521988	PDE4D;PDE4D;PDE4D	0.0545134	0.0303765
cg05781294	BAT1;SNORD117;BAT1	0.0545139	0.410194
cg04986694	CYLD;CYLD;CYLD	0.0545159	0.0502841
cg09122223	IL18	0.0545168	0.358136
cg14757759	ITPR2	0.0545174	0.223332
cg27270218	EIF6;EIF6;EIF6	0.0545204	0.237612
cg15357518	RBM42	0.0545205	0.836473
cg27093605	DNAJA4;DNAJA4;DNAJA4	0.0545212	0.00457701
cg20987924	FOXB1	0.0545223	0.911791
cg17822314	PSME4	0.0545252	0.545491
cg26553710	SLC36A4	0.0545264	0.629845
cg21194765	SLC19A3	0.0545277	0.108612
cg07696884	ATP9A	0.0545286	0.573991
cg02474731	LYPD6	0.054529	0.026985
cg01188914	PPM1F	0.0545301	0.0958383
cg13288195	FBXL22	0.0545306	0.103372
cg15706776	PCDH9;PCDH9	0.0545327	0.0525993
cg11731337	CHST5	0.0545359	0.307953
cg03816851	MICAL3;MICAL3	0.0545359	0.041477
cg13636817	DNAH9	0.0545367	0.599145
cg00825047	EIF2AK4	0.0545368	0.767722
cg26468693	SEMA3F	0.054537	0.0634137
cg22208339	CCNT1	0.0545383	0.678004
cg00452199	ACCS;ACCS	0.0545384	0.483526
cg07380056	GALNT13	0.0545386	0.365727
cg00988256	TSPAN16	0.0545396	0.0740427
cg01313538	KCNMB2;KCNMB2	0.0545411	0.189493
cg12419932	KIAA0427;KIAA0427	0.0545431	0.14998
cg26249503	MUC6	0.0545447	0.0395818
cg21490980	PAH;PAH	0.0545466	0.0493349
cg19435526	LRRC8E	0.0545468	0.0370688
cg21641465	DCUN1D5	0.0545474	0.0163987
cg17692259	SDK1;SDK1	0.0545529	0.740081
cg25332298	ELAVL3;ELAVL3	0.0545535	0.291722
cg25050566	PIP4K2A	0.0545537	0.184478
cg09371456	FAM131B;FAM131B	0.0545548	0.700139
cg16149164	JAG2;JAG2	0.0545549	0.526202
cg09538139	NR6A1;NR6A1	0.0545573	0.0216979
cg03658236	STAB2	0.0545583	0.0502048
cg26018544	RUNX3;RUNX3	0.0545589	0.305955
cg10347335	TACSTD2;TACSTD2	0.0545591	0.050457
cg05675373	KCNC4;KCNC4;KCNC4	0.0545606	0.0998366
cg27517702	GLRA3;GLRA3;GLRA3;GLRA3	0.0545621	0.0262623
cg01779270	CRYAA	0.0545627	0.0304383
cg14187266	ADAMTS9	0.0545648	0.322417
cg01368230	ARID3C	0.0545654	0.362716
cg09935371	ULK3	0.0545662	0.307691
cg16431610	PHTF2;PHTF2;TMEM60	0.0545674	0.483669
cg09269945	BMP7	0.0545679	0.402407
cg17042849	HIST1H4C	0.0545703	0.131951
cg06423665	PYY2	0.0545717	0.184405
cg23325240	DNAH10	0.0545719	0.125944
cg21553182	ZNF578	0.0545725	0.469879
cg13703584	KCNK4	0.0545729	0.138227
cg16263634	FRMD8	0.0545741	0.0557549
cg18745465	C2orf24;FAM134A;C2orf24	0.0545756	0.0147421
cg23445859	B3GNT4	0.0545757	0.87262
cg06310760	BMX;BMX	0.0545796	0.376557
cg04741211	EML4;EML4	0.0545801	0.0418266
cg10928931	ARHGEF5	0.0545804	0.0167305
cg15234155	PDE4C;PDE4C;PDE4C	0.0545823	0.236923
cg20387139	RGL2;RGL2	0.0545828	0.0331102
cg09077167	TFAP2C	0.0545829	0.0773679
cg24603152	PRKACB;PRKACB	0.0545861	0.0939209
cg12487901	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.0545882	0.142872
cg10442251	IGSF21	0.0545888	0.210703
cg21374754	LYZL4	0.0545921	0.00923799
cg05669873	GORASP1;TTC21A;TTC21A	0.0545932	?
cg14149685	CYP11B1;CYP11B1	0.0545968	0.466843
cg09706850	RBM11	0.0545974	0.019679
cg26313152	PNPLA6;PNPLA6;PNPLA6;PNPLA6;MCOLN1	0.0545991	0.0134567
cg20900312	TMEM63C	0.0545997	0.0985501
cg17512868	CTNNBIP1;CTNNBIP1	0.0546002	0.965638
cg22634105	CASP5;CASP5;CASP5;CASP5;CASP5;CASP5	0.0546004	0.272481
cg10351740	AMPH;AMPH	0.0546005	0.439968
cg18198545	PEX19;PEX19	0.0546015	0.0276777
cg18413572	GNPNAT1	0.0546017	0.583756
cg04057037	GABBR1;GABBR1	0.0546023	0.398452
cg26502671	CLDN3	0.0546023	0.972538
cg27416576	NUP54;NUP54	0.0546024	0.95255
cg10606730	WNT4	0.0546025	0.0187329
cg02397064	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.054603	0.418014
cg07737814	ZMYM5;ZMYM5;ZMYM5	0.0546031	0.507092
cg01847271	BSPRY	0.0546036	0.0056134
cg04853571	DOCK2	0.0546037	0.0636723
cg14321275	FKBP8	0.0546084	0.0590213
cg02746620	SLIT3	0.0546094	0.038693
cg23624723	ITGA6;ITGA6	0.0546113	0.0114411
cg12405754	EFNA5	0.0546116	0.757466
cg26067760	HPSE2;HPSE2;HPSE2;HPSE2	0.0546116	0.380441
cg10338787	OTOP3	0.0546128	0.367295
cg19853194	VAPA;VAPA	0.0546129	0.0723836
cg26655295	TMEM18	0.0546133	0.0158265
cg22740866	GYS1;GYS1;GYS1	0.0546135	0.946646
cg21833776	FAM55D;FAM55D	0.0546147	0.0599565
cg12754854	PHYHD1;PHYHD1	0.054615	0.100377
cg19790294	CYBA	0.0546159	0.39768
cg21161253	BHLHE23;BHLHE23	0.0546171	0.262209

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25290307	EMID2	0.0546173	0.0237716	8.08581	8.08581	0.0994006	4.05087	4.05087	0.0647222	4.9875	4.9875	0.0652771	4.96702	4.96702	0.060157	5.1664	5.1664	0.050288	5.63159	5.63159	0.0377717	6.46299	6.46299	0.0144297	10.3322	10.3322	0.0451788	5.92936	5.92936	3.27548	31.1215	8.44565	1
cg21734318	METT10D	0.0546174	0.347961	0.878372	-1.13847	0.791933	1.03612	1.03612	0.983141	0.997168	-1.00284	0.102758	1.27071	1.27071	0.0284501	1.41487	1.41487	0.378125	0.885716	-1.12903	0.0103602	1.54242	1.54242	0.368261	0.883358	-1.13204	0.134561	0.805315	-1.24175	3.27548	0.934322	0.253553	1
cg10485752	MAN1C1	0.0546178	0.0227723	0.315533	-3.16924	0.0178363	0.295578	-3.3832	0.162182	0.531733	-1.88064	0.0886953	0.451697	-2.21387	0.102552	0.469515	-2.12986	0.960482	1.02119	1.02119	0.968734	1.01673	1.01673	0.164101	1.87453	1.87453	0.0430986	0.373454	-2.6777	3.27547	9.29184	2.5216	1
cg02867976	ESYT2	0.0546189	0.250485	0.893285	-1.11946	0.362365	1.09197	1.09197	0.208071	1.13285	1.13285	0.0571826	1.22411	1.22411	0.461098	0.931913	-1.07306	0.18667	0.876736	-1.14059	0.0437736	0.804282	-1.24334	0.822525	1.02134	1.02134	0.0170202	1.31448	1.31448	3.27544	0.458149	0.124332	1
cg21893154	C20orf135	0.0546193	0.518578	0.837061	-1.19466	0.0124137	0.429256	-2.32961	0.524586	0.839254	-1.19153	0.0165026	0.451085	-2.21688	0.0369136	0.517544	-1.9322	0.161573	0.666137	-1.50119	0.236804	1.40054	1.40054	0.222873	0.706028	-1.41637	0.0587346	0.559758	-1.78649	3.27543	3.83155	1.03981	1
cg21582253	11-Mar	0.0546222	0.0560687	0.373188	-2.67961	0.0100316	0.227539	-4.39485	0.504912	0.734774	-1.36096	0.791719	0.886428	-1.12812	0.0544856	0.370176	-2.70142	0.0259762	0.300042	-3.33286	0.0453515	0.351454	-2.84532	0.0450311	0.35075	-2.85103	0.745561	1.15987	1.15987	3.27537	10.7631	2.92095	1
cg11539296	PCDHA6;PCDHA2;PCDHA1;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA7	0.0546227	0.0969814	1.90126	1.90126	0.0393233	2.31855	2.31855	0.221344	0.635455	-1.57367	0.558366	1.23215	1.23215	0.276247	1.49101	1.49101	0.0533946	2.16828	2.16828	0.00861016	3.25983	3.25983	0.0357367	2.3677	2.3677	0.531357	1.25061	1.25061	3.27536	6.45326	1.75133	1
cg22274745	CERKL;CERKL;CERKL;CERKL;CERKL;CERKL;CERKL	0.0546248	0.0159042	0.276772	-3.61309	0.166003	0.525921	-1.90143	0.00495527	0.19817	-5.04618	0.121499	0.481755	-2.07574	0.297993	0.625421	-1.59892	0.0495206	0.377224	-2.65095	0.0562156	0.390371	-2.56167	0.456158	0.718806	-1.3912	0.0693996	0.413274	-2.4197	3.27531	9.81702	2.66425	1
cg26846424	PRDM16;PRDM16	0.0546255	0.370204	1.73322	1.73322	0.0161046	5.8127	5.8127	0.105441	2.87829	2.87829	0.885526	1.08991	1.08991	0.200297	0.4455	-2.24467	0.102852	2.90546	2.90546	0.0126293	6.38015	6.38015	0.0396361	4.14562	4.14562	0.526297	1.46778	1.46778	3.27529	18.5297	5.02881	1
cg03640110	TAS2R16	0.0546265	0.0559923	0.636201	-1.57183	0.954399	1.01202	1.01202	0.148658	0.723529	-1.38212	0.891668	0.971934	-1.02888	0.917743	1.02182	1.02182	0.265831	1.27409	1.27409	0.0031582	2.32253	2.32253	0.71172	0.925386	-1.08063	0.764235	0.939095	-1.06485	3.27527	2.2639	0.614409	1
cg07569918	LPGAT1	0.0546267	0.357839	0.781018	-1.28038	0.317024	1.31044	1.31044	0.711209	0.907372	-1.10208	0.254767	1.36452	1.36452	0.00667313	0.398544	-2.50913	0.0488186	0.55539	-1.80054	0.921575	0.974589	-1.02607	0.0291964	0.510848	-1.95753	0.686422	1.11191	1.11191	3.27526	3.54396	0.961811	1
cg06117597	ZMYND11;ZMYND11;ZMYND11	0.0546297	0.0463974	0.650073	-1.53829	0.0320543	1.60654	1.60654	0.972176	1.00661	1.00661	0.887882	0.973723	-1.02699	0.00791483	0.525753	-1.90204	0.302864	0.817534	-1.22319	0.322486	1.21278	1.21278	0.60629	0.906527	-1.10311	0.811216	1.04621	1.04621	3.27519	1.84834	0.50164	1
cg20058799	GRSF1;GRSF1	0.0546302	0.073073	0.697161	-1.43439	0.217734	1.26363	1.26363	0.0571636	0.678196	-1.4745	0.918884	0.981786	-1.01855	0.281611	0.817155	-1.22376	0.0147991	0.582078	-1.71798	0.0834427	1.41308	1.41308	0.529251	0.891351	-1.12189	0.249135	1.2428	1.2428	3.27518	1.68911	0.458428	1
cg16901670	FGFR1OP;FGFR1OP	0.054631	0.311159	0.594542	-1.68197	0.925209	1.0477	1.0477	0.578912	0.757159	-1.32073	0.880239	1.07768	1.07768	0.00236207	0.121899	-8.2035	0.173361	0.487304	-2.05211	0.017004	0.235954	-4.23812	0.806262	0.88521	-1.12968	0.131924	0.446237	-2.24096	3.27516	12.7725	3.4665	1
cg07867924	PDK2	0.054631	0.0878546	0.76767	-1.30264	0.648449	1.06654	1.06654	0.0496275	1.36936	1.36936	0.116022	0.786829	-1.27092	0.0945043	0.772627	-1.29429	0.0474616	0.727434	-1.3747	0.019099	0.671591	-1.489	0.656102	0.939034	-1.06492	0.245911	0.843393	-1.18569	3.27516	1.02177	0.277312	1
cg01594262	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.054632	0.0122464	0.602153	-1.66071	0.00486842	0.545109	-1.8345	0.426211	0.87628	-1.14119	0.439921	0.879823	-1.13659	0.0653984	0.714489	-1.3996	0.932379	1.01389	1.01389	0.0878227	0.736202	-1.35832	0.0641105	0.713053	-1.40242	0.45129	0.882714	-1.13287	3.27514	1.37054	0.371972	1
cg03234702	HIST1H3E	0.0546327	0.0345977	27.5172	27.5172	0.036662	26.2139	26.2139	0.0631685	16.6354	16.6354	0.0727133	14.7849	14.7849	0.0396214	24.5657	24.5657	0.0673542	15.7652	15.7652	0.0155477	54.1668	54.1668	0.0563006	18.3164	18.3164	0.0425415	23.148	23.148	3.27512	93.8849	25.481	1
cg05887869	LOC285692	0.0546335	0.183833	0.601208	-1.66332	0.365277	0.71484	-1.39892	0.0138337	0.333605	-2.99756	0.168268	0.588688	-1.69869	0.00473553	0.258228	-3.87254	0.150975	0.573847	-1.74262	0.0909964	0.510761	-1.95786	0.253217	0.650098	-1.53823	0.0257455	0.384524	-2.60062	3.2751	6.75496	1.83335	1
cg00367438	TMUB1;TMUB1	0.0546343	0.00501646	0.611886	-1.63429	0.776896	1.03831	1.03831	0.0169703	1.46997	1.46997	0.387008	0.889294	-1.12449	0.236092	0.848506	-1.17854	0.856438	0.976323	-1.02425	0.873301	1.02134	1.02134	0.76227	1.04096	1.04096	0.594304	1.07372	1.07372	3.27509	0.908125	0.246473	1
cg10178082	TBCD	0.0546353	0.816776	0.93713	-1.06709	0.0159811	2.28253	2.28253	0.0102268	2.47391	2.47391	0.902236	1.03498	1.03498	0.637275	1.14211	1.14211	0.301519	1.34917	1.34917	0.0130632	2.36653	2.36653	0.0680003	1.77155	1.77155	0.248223	1.40175	1.40175	3.27506	4.06024	1.102	1
cg26393541	MGC45800	0.0546365	0.151503	0.816233	-1.22514	0.626799	0.937306	-1.06689	0.917252	1.01383	1.01383	0.122065	0.801373	-1.24786	0.200993	0.836568	-1.19536	0.204246	1.19366	1.19366	0.00244159	0.572791	-1.74584	0.822405	0.970733	-1.03015	0.365826	1.13062	1.13062	3.27504	0.905572	0.245784	1
cg16562724	ESRP2	0.0546375	0.206886	2.38452	2.38452	0.163942	2.63705	2.63705	0.112975	3.08387	3.08387	0.109574	3.12318	3.12318	0.604426	1.4066	1.4066	0.0232099	5.87941	5.87941	0.0117057	7.81649	7.81649	0.0146835	7.10634	7.10634	0.0259649	5.61532	5.61532	3.27501	22.1053	5.99972	1
cg02497290	N6AMT1;N6AMT1	0.0546385	0.0220989	0.413682	-2.41731	0.84506	1.06495	1.06495	0.0523484	0.491803	-2.03334	0.506842	0.805256	-1.24184	0.00565827	0.311093	-3.21447	0.0362302	0.456937	-2.18849	0.065715	0.514677	-1.94297	0.41441	0.764656	-1.30778	0.237999	0.671974	-1.48815	3.27499	5.36528	1.45623	1
cg03203320	SOX4;SOX4	0.0546396	0.501216	0.825336	-1.21163	0.0379507	1.96731	1.96731	0.488619	0.820508	-1.21876	0.220183	1.43691	1.43691	0.361372	1.30192	1.30192	0.950047	0.982537	-1.01777	0.00354822	0.329155	-3.03808	0.807579	0.933686	-1.07102	0.882661	0.95932	-1.04241	3.27496	4.10145	1.11321	1
cg18344056	ZNF490	0.0546396	0.0856665	0.823221	-1.21474	0.163551	0.858761	-1.16447	0.00591791	0.691648	-1.44582	0.804573	1.02571	1.02571	0.0712742	0.813585	-1.22913	0.730938	0.965268	-1.03598	0.222209	1.14039	1.14039	0.0390843	0.783061	-1.27704	0.174042	0.862357	-1.15961	3.27496	0.543916	0.147629	1
cg10335376	TRRAP	0.0546398	0.611665	1.05549	1.05549	0.00592331	1.46181	1.46181	0.336833	1.1101	1.1101	0.0912598	1.21675	1.21675	0.323253	0.897973	-1.11362	0.299903	1.11998	1.11998	0.0334778	1.29959	1.29959	0.309583	0.89502	-1.11729	0.35409	0.904329	-1.10579	3.27496	0.577054	0.156624	1
cg17978331	KIAA0226;KIAA0226	0.0546399	0.0795296	1.45499	1.45499	0.0404163	1.57795	1.57795	0.391236	0.844284	-1.18444	0.0230409	0.592299	-1.68834	0.620994	0.908432	-1.1008	0.854531	1.036	1.036	0.0256921	1.66624	1.66624	0.777782	0.946943	-1.05603	0.608287	0.905193	-1.10474	3.27496	1.92573	0.522682	1
cg18450168	TACC2;TACC2	0.05464	0.914504	1.01713	1.01713	0.856226	1.0291	1.0291	0.101573	0.753118	-1.32781	0.350266	1.16425	1.16425	0.0432887	0.692328	-1.4444	0.410683	0.875401	-1.14233	0.0106639	0.601821	-1.66162	0.695153	0.939605	-1.06428	0.041405	1.45073	1.45073	3.27495	1.29776	0.352238	1
cg03300078	HCCA2;LOC402778	0.0546403	0.143892	1.79712	1.79712	0.517838	0.782888	-1.27732	0.0102315	3.34863	3.34863	0.0147857	3.06415	3.06415	0.297978	0.66846	-1.49598	0.195623	0.599926	-1.66687	0.773146	0.897714	-1.11394	0.605308	0.823146	-1.21485	0.651968	1.18472	1.18472	3.27495	7.22904	1.96211	1
cg00191477	GPC6	0.0546413	0.1203	0.619193	-1.615	0.347475	1.31675	1.31675	0.728889	0.905764	-1.10404	0.16549	0.656547	-1.52312	0.0324032	0.490428	-2.03903	0.0517221	0.532703	-1.87722	0.952575	0.983224	-1.01706	0.0581499	1.83877	1.83877	0.0836906	1.72378	1.72378	3.27492	4.1968	1.13911	1
cg10239988	ZBTB20;ZBTB20	0.0546426	0.535558	1.08955	1.08955	0.315747	0.867798	-1.15234	0.626483	1.06934	1.06934	0.90606	0.983992	-1.01627	0.692494	1.05584	1.05584	0.00717762	1.60715	1.60715	0.0745851	1.31196	1.31196	0.0390749	0.721471	-1.38606	0.227903	0.841124	-1.18888	3.27489	0.969217	0.26307	1
cg02543796	ABCA3	0.0546436	0.126165	0.505201	-1.97941	0.640339	1.21431	1.21431	0.358024	0.677039	-1.47702	0.356471	1.47899	1.47899	0.0109595	0.267844	-3.73351	0.209487	0.57937	-1.72601	0.0118721	0.273638	-3.65447	0.0761297	0.44293	-2.25769	0.0960586	0.470396	-2.12587	3.27487	8.83145	2.39709	1
cg23921534	POU3F4	0.0546447	0.00604253	0.108938	-9.17951	0.77023	0.834391	-1.19848	0.660141	1.31462	1.31462	0.0390864	4.37656	4.37656	0.969339	1.02405	1.02405	0.0448566	0.240899	-4.15112	0.61563	0.731297	-1.36743	0.678022	1.29446	1.29446	0.411391	1.68078	1.68078	3.27485	19.8217	5.38018	1
cg14479329	RNASET2	0.0546449	0.979601	0.991785	-1.00828	0.0315942	2.25504	2.25504	0.110391	1.75295	1.75295	0.0067009	3.10988	3.10988	0.121262	1.71947	1.71947	0.122822	1.71495	1.71495	0.931307	0.972568	-1.02821	0.0237886	2.388	2.388	0.0736325	1.90296	1.90296	3.27484	5.39854	1.46532	1
cg06459913	TNP2	0.0546455	0.091613	0.345385	-2.89532	0.0299962	0.23199	-4.31053	0.0104244	0.157904	-6.33297	0.253946	0.505696	-1.97747	0.0147578	0.179546	-5.56962	0.269037	0.51747	-1.93248	0.0172696	0.190148	-5.25905	0.190933	0.452688	-2.20903	0.296747	0.538396	-1.85737	3.27483	16.9888	4.61128	1
cg02567344	FAM20B	0.0546458	0.253061	0.616019	-1.62333	0.0645172	0.4305	-2.32288	0.0115286	0.27739	-3.60504	0.216615	0.58998	-1.69497	0.00778328	0.249876	-4.00199	0.2194	0.592055	-1.68903	0.555769	0.785184	-1.27359	0.209017	0.58424	-1.71162	0.0159947	0.30212	-3.30994	3.27482	8.54296	2.31882	1
cg03094405	ARHGAP6;ARHGAP6;ARHGAP6	0.0546459	0.191367	0.454662	-2.19943	0.00236642	0.08929	-11.1995	0.240299	0.496321	-2.01483	0.656478	0.774859	-1.29056	0.0619998	0.301981	-3.31147	0.112356	0.373457	-2.67768	0.0837141	0.335998	-2.9762	0.0413199	0.261581	-3.8229	0.943052	0.96011	-1.04155	3.27482	16.8394	4.57074	1
cg13576682	C1orf212;C1orf212;C1orf212	0.0546461	0.53159	0.825032	-1.21207	0.00356825	0.301728	-3.31425	0.219382	0.675693	-1.47996	0.246978	1.44402	1.44402	0.534223	0.826076	-1.21054	0.164324	0.637392	-1.56889	0.121523	0.60079	-1.66448	0.0597418	0.524753	-1.90566	0.337276	1.35022	1.35022	3.27481	4.77815	1.29694	1
cg19610126	NKAIN4	0.0546469	0.461882	0.883456	-1.13192	0.0344063	0.664845	-1.50411	0.134376	0.765622	-1.30613	0.777202	1.04805	1.04805	0.00336702	0.516925	-1.93452	0.23704	1.22746	1.22746	0.487007	1.12394	1.12394	0.840374	1.03393	1.03393	0.748014	0.948071	-1.05477	3.2748	1.4196	0.385326	1
cg16535493	GRB10	0.0546479	0.938755	0.966591	-1.03456	0.016533	3.65018	3.65018	0.705165	1.18304	1.18304	0.522342	1.33204	1.33204	0.0313816	0.32746	-3.05381	0.644681	1.22794	1.22794	0.207996	0.555979	-1.79863	0.0190065	3.51005	3.51005	0.75967	1.14531	1.14531	3.27477	10.1412	2.75268	1
cg07868155	CXCL5	0.0546498	0.932329	0.957168	-1.04475	0.0804418	2.7169	2.7169	0.791291	0.872222	-1.1465	0.0904586	2.6158	2.6158	0.0266103	0.25808	-3.87477	0.804494	1.13637	1.13637	0.316086	1.70621	1.70621	0.0400156	3.39865	3.39865	0.0282726	3.79978	3.79978	3.27473	13.78	3.74042	1
cg23725924	ITIH2	0.0546503	0.666365	0.830335	-1.20433	0.307687	1.57241	1.57241	0.16307	0.528258	-1.89302	0.0653992	0.412088	-2.42667	0.00746087	0.228388	-4.37852	0.0834901	0.439914	-2.27317	0.0173184	0.288675	-3.4641	0.137412	0.503698	-1.98532	0.227536	0.58101	-1.72114	3.27472	9.52915	2.58659	1
cg27181968	NGF	0.0546504	0.863574	0.934261	-1.07036	0.0395448	0.39011	-2.56338	0.0779008	0.460881	-2.16976	0.538066	1.27955	1.27955	0.978449	0.989377	-1.01074	0.0285817	2.77682	2.77682	0.467513	0.746545	-1.3395	0.0143387	0.303094	-3.2993	0.466561	0.746062	-1.34037	3.27471	8.10804	2.20085	1
cg14654468	SLC16A3;SLC16A3;SLC16A3	0.0546509	0.0290265	6.99278	6.99278	0.0802852	4.33355	4.33355	0.124159	3.51949	3.51949	0.0720631	4.5603	4.5603	0.370122	2.00488	2.00488	0.649429	1.4132	1.4132	0.0309171	6.78763	6.78763	0.0149595	9.59462	9.59462	0.0123142	10.5457	10.5457	3.2747	29.6236	8.04107	1
cg02439789	SAMD11	0.0546517	0.517716	0.82479	-1.21243	0.584257	0.850188	-1.17621	0.0588453	1.87153	1.87153	0.368466	1.31169	1.31169	0.0197667	2.28586	2.28586	0.753534	0.911636	-1.09693	0.397411	1.28983	1.28983	0.0435301	0.505734	-1.97732	0.0328646	2.08149	2.08149	3.27468	4.47421	1.21449	1
cg24770649	KIAA1539;KIAA1539	0.0546524	0.925034	0.984568	-1.01567	0.0728335	1.39193	1.39193	0.0284976	1.5329	1.5329	0.0835704	1.3723	1.3723	0.634109	1.08246	1.08246	0.39889	1.15341	1.15341	0.0132962	0.602348	-1.66017	0.318313	1.18584	1.18584	0.192746	1.25584	1.25584	3.27467	1.41631	0.384449	1
cg08748105	OR1F2P	0.0546526	0.0303073	0.24255	-4.12286	0.0190669	0.206282	-4.84773	0.0463599	0.280987	-3.55889	0.314291	0.560521	-1.78406	0.00595	0.135235	-7.39453	0.992371	1.00533	1.00533	0.23815	0.502907	-1.98844	0.37111	0.599966	-1.66676	0.08408	0.345326	-2.89581	3.27466	16.0495	4.35654	1
cg19022476	LRRC14	0.0546526	0.06134	2.17176	2.17176	0.359183	0.706916	-1.41459	0.629466	0.83623	-1.19584	0.626862	0.835075	-1.1975	0.758832	0.892892	-1.11996	0.0118258	0.314638	-3.17826	0.0666267	0.469253	-2.13104	0.166183	1.72145	1.72145	0.0549442	0.449009	-2.22713	3.27466	7.01929	1.90535	1
cg04467589	RNF39;RNF39	0.0546543	0.197966	0.611851	-1.63438	0.590753	1.21652	1.21652	0.713868	0.8755	-1.1422	0.413612	1.35223	1.35223	0.0251927	0.382463	-2.61463	0.209224	0.620102	-1.61264	0.00425794	0.251336	-3.97874	0.0560633	0.457814	-2.1843	0.404771	0.735083	-1.36039	3.27462	6.76046	1.83511	1
cg09870331	INTS7;DTL;DTL	0.0546553	0.183041	0.718945	-1.39093	0.0214466	1.90671	1.90671	0.0241384	1.87387	1.87387	0.90653	0.972939	-1.02781	0.739459	1.08107	1.08107	0.714279	1.08968	1.08968	0.927485	0.978965	-1.02149	0.453609	1.19518	1.19518	0.0218937	0.526059	-1.90093	3.2746	2.82899	0.767927	1
cg08874384	UNC13A	0.054656	0.019324	0.290525	-3.44204	0.486467	1.36199	1.36199	0.640055	0.814019	-1.22847	0.0821787	0.431127	-2.3195	0.00354107	0.177789	-5.62466	0.650578	1.22046	1.22046	0.162828	0.521571	-1.91728	0.718925	0.853933	-1.17105	0.465013	0.722617	-1.38386	3.27459	9.90003	2.68737	1
cg12286158	DMC1	0.0546563	0.128768	2.2819	2.2819	0.237655	1.86205	1.86205	0.00351646	0.136817	-7.30905	0.475356	1.44021	1.44021	0.105506	2.4321	2.4321	0.621491	1.28417	1.28417	0.315099	1.68546	1.68546	0.548564	0.737071	-1.35672	0.887444	1.07377	1.07377	3.27458	13.0984	3.55557	1
cg11623036	FNIP1;FNIP1	0.0546578	0.500576	0.859201	-1.16387	0.0480025	1.65153	1.65153	0.236002	1.31735	1.31735	0.621134	0.895316	-1.11692	0.0716792	0.639947	-1.56263	0.119027	0.686929	-1.45575	0.0324736	0.573709	-1.74304	0.429744	1.19591	1.19591	0.0442387	0.598725	-1.67022	3.27454	2.55489	0.693535	1
cg17032587	CNGA2;CNGA2	0.054658	0.125823	2.59338	2.59338	0.939296	1.04479	1.04479	0.261724	0.510017	-1.96072	0.0324792	0.236895	-4.22127	0.0246871	0.214635	-4.65906	0.202992	2.16658	2.16658	0.877193	0.914878	-1.09304	0.0235857	0.211125	-4.73652	0.310296	0.54663	-1.82939	3.27454	17.1649	4.65948	1
cg13138329	PFDN6;WDR46;WDR46	0.054659	0.116374	1.19567	1.19567	0.116813	0.836563	-1.19537	0.124098	0.839951	-1.19055	0.126927	0.84122	-1.18875	0.0220402	1.33324	1.33324	0.142854	1.17932	1.17932	0.317173	0.897359	-1.11438	0.873044	1.01689	1.01689	0.130868	1.18631	1.18631	3.27452	0.568887	0.154428	1
cg13597247	RAB14	0.0546602	0.610185	1.06587	1.06587	0.351765	0.8879	-1.12625	0.75226	1.04007	1.04007	0.471141	1.09522	1.09522	0.443765	1.10172	1.10172	0.610065	1.06589	1.06589	0.00160484	0.570377	-1.75323	0.142525	0.822359	-1.21601	0.754247	1.03973	1.03973	3.27449	0.798335	0.216715	1
cg25358289	CD14;CD14;CD14	0.0546606	0.0807824	3.44669	3.44669	0.0495905	4.18508	4.18508	0.00874412	8.4523	8.4523	0.842231	0.880427	-1.13581	0.113539	0.33275	-3.00526	0.903306	1.08076	1.08076	0.794818	0.846587	-1.18121	0.080243	3.45594	3.45594	0.130346	2.84071	2.84071	3.27448	21.1774	5.74881	1
cg05826214	AKAP12;AKAP12	0.0546626	0.650474	1.16425	1.16425	0.145683	1.68338	1.68338	0.65511	0.860805	-1.1617	0.465575	1.28092	1.28092	0.511683	1.24844	1.24844	0.367957	1.36112	1.36112	0.0012946	4.7716	4.7716	0.140066	1.6977	1.6977	0.0746721	1.93859	1.93859	3.27443	5.76404	1.56473	1
cg10769393	ZNF554	0.0546627	0.512965	0.890287	-1.12323	0.0775476	1.41007	1.41007	0.417356	1.15623	1.15623	0.282772	1.2159	1.2159	0.00384951	0.505515	-1.97818	0.593399	1.09899	1.09899	0.638393	0.920437	-1.08644	0.498473	1.1279	1.1279	0.128021	1.334	1.334	3.27443	1.59093	0.431879	1
cg22638268	FBXO31;FBXO31	0.0546628	0.269639	1.22808	1.22808	0.828418	1.03956	1.03956	0.187038	0.778839	-1.28396	0.905641	0.979029	-1.02142	0.00347013	0.492105	-2.03209	0.343965	1.19033	1.19033	0.608154	1.09683	1.09683	0.0593636	1.46288	1.46288	0.718233	0.937292	-1.0669	3.27443	1.65657	0.4497	1
cg16174779	TNFRSF11A	0.0546628	0.254789	1.96841	1.96841	0.445936	0.642415	-1.55663	0.849691	1.11411	1.11411	0.328665	0.563139	-1.77576	0.0590669	0.29699	-3.36712	0.115676	2.64853	2.64853	0.00965057	0.154809	-6.45956	0.0777423	3.05437	3.05437	0.682345	0.791065	-1.26412	3.27443	16.8235	4.56696	1
cg26514728	NDRG4;NDRG4;NDRG4	0.0546632	0.33098	1.23866	1.23866	0.0257353	1.75975	1.75975	0.0252173	1.76454	1.76454	0.2262	1.31148	1.31148	0.0424799	1.64626	1.64626	0.0766951	1.52213	1.52213	0.007352	2.09005	2.09005	0.661272	1.09865	1.09865	0.777279	0.941283	-1.06238	3.27442	2.36114	0.640966	1
cg07927310	ERCC6;PGBD3	0.0546654	0.0898962	0.364694	-2.74203	0.00935008	0.168884	-5.92121	0.0359762	0.268111	-3.7298	0.662414	0.78896	-1.26749	0.097271	0.374587	-2.66961	0.0661779	0.328901	-3.04043	0.00805676	0.160184	-6.24283	0.351184	0.595867	-1.67823	0.343126	0.590383	-1.69381	3.27437	15.0987	4.09883	1
cg01372533	SHC2	0.0546667	0.432502	1.12471	1.12471	0.0172071	1.53094	1.53094	0.65712	0.936554	-1.06774	0.128133	1.27294	1.27294	0.183747	1.22988	1.22988	0.00596676	1.69455	1.69455	0.24101	1.19732	1.19732	0.238641	0.834368	-1.19851	0.750177	0.954212	-1.04799	3.27434	1.11635	0.303058	1
cg19733633	MCC	0.0546673	0.400154	0.867886	-1.15222	0.0506719	0.693258	-1.44247	0.807632	1.04095	1.04095	0.956741	1.00896	1.00896	0.00905437	0.579404	-1.72591	0.151808	0.776765	-1.28739	0.00660473	0.559801	-1.78635	0.845487	0.96841	-1.03262	0.753374	1.05322	1.05322	3.27432	1.40367	0.381057	1
cg00395995	ERICH1	0.0546682	0.832103	0.952409	-1.04997	0.41521	1.2108	1.2108	0.893561	1.03122	1.03122	0.0386155	0.576832	-1.73361	0.334656	0.795704	-1.25675	0.0734489	0.632289	-1.58155	0.0343494	1.76285	1.76285	0.675866	0.907939	-1.1014	0.0151688	0.504018	-1.98406	3.2743	2.7356	0.742644	1
cg21041514	KCNH4	0.0546682	0.824451	0.966455	-1.03471	0.0557625	0.71687	-1.39495	0.454011	0.889463	-1.12427	0.803638	0.962461	-1.039	0.608627	0.923748	-1.08255	0.101722	0.759457	-1.31673	0.0019652	0.51071	-1.95806	0.255415	1.20003	1.20003	0.903414	0.981528	-1.01882	3.2743	1.22318	0.332063	1
cg22333077	TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.0546721	0.447561	0.919235	-1.08786	0.103346	1.21388	1.21388	0.0411915	1.29208	1.29208	0.0921463	1.22347	1.22347	0.778131	1.03121	1.03121	0.161942	1.17641	1.17641	0.618527	1.05613	1.05613	0.175108	1.16987	1.16987	0.00278954	1.56583	1.56583	3.27421	0.613779	0.16663	1
cg05044961	CSMD3;CSMD3	0.0546729	0.744334	0.955352	-1.04673	0.414309	1.12353	1.12353	0.329582	1.15078	1.15078	0.920974	1.01395	1.01395	0.00448688	0.58929	-1.69696	0.0544401	0.737424	-1.35607	0.0421072	0.721187	-1.3866	0.470275	0.902556	-1.10796	0.496979	1.10104	1.10104	3.2742	1.01026	0.274269	1
cg27468941	VIPR2	0.0546736	0.0827201	1.53203	1.53203	0.523444	0.866273	-1.15437	0.0061223	0.45195	-2.21263	0.590643	0.88643	-1.12812	0.0436725	0.597595	-1.67338	0.110678	0.679856	-1.4709	0.913672	0.976213	-1.02437	0.281369	1.28217	1.28217	0.519625	0.865097	-1.15594	3.27418	2.55573	0.693841	1
cg00256816	OPRD1	0.0546755	0.364144	1.22096	1.22096	0.0795904	0.659332	-1.51669	0.0203557	0.54958	-1.81957	0.026472	0.569364	-1.75635	0.613391	1.11524	1.11524	0.152557	1.38822	1.38822	0.102093	1.46673	1.46673	0.951379	1.01314	1.01314	0.878327	1.03334	1.03334	3.27413	2.37642	0.64517	1
cg18453311	PRPF39	0.0546767	0.739516	0.930944	-1.07418	0.271273	0.78223	-1.2784	0.725865	1.07841	1.07841	0.111944	1.44946	1.44946	0.00203082	0.393341	-2.54232	0.258284	0.776505	-1.28782	0.944336	0.985137	-1.01509	0.34147	1.23393	1.23393	0.954023	0.987712	-1.01244	3.27411	2.38462	0.647402	1
cg22323966	AQP12B	0.0546768	0.0144628	0.24963	-4.00593	0.0491764	0.355575	-2.81235	0.0278803	0.302198	-3.30909	0.14996	0.491271	-2.03553	0.0992327	0.435075	-2.29845	0.394626	0.669308	-1.49408	0.353494	0.644276	-1.55213	0.00892445	0.216106	-4.62737	0.0547227	0.366609	-2.7277	3.27411	10.9968	2.98552	1
cg01564671	MKS1;MKS1;MKS1	0.0546776	0.20599	0.784563	-1.27459	0.827966	0.961192	-1.04037	0.125959	0.739978	-1.35139	0.116102	0.733014	-1.36423	0.937343	1.0144	1.0144	0.401162	0.855314	-1.16916	0.00124529	0.424062	-2.35815	0.306226	0.824758	-1.21248	0.704018	1.07188	1.07188	3.27409	1.71521	0.465665	1
cg19876775	LRRC32;LRRC32	0.0546789	0.759745	1.1225	1.1225	0.977019	0.989206	-1.01091	0.858021	1.06979	1.06979	0.254943	0.639033	-1.56486	0.00149843	0.17831	-5.6082	0.0770844	0.476843	-2.09712	0.911237	1.04291	1.04291	0.373109	1.41124	1.41124	0.797859	0.907835	-1.10152	3.27406	7.3599	1.99817	1
cg09441363	KCNK2;KCNK2;KCNK2	0.0546813	0.00466792	0.605363	-1.6519	0.34155	0.87742	-1.1397	0.837315	0.972939	-1.02781	0.237744	0.847872	-1.17942	0.013342	0.664303	-1.50534	0.792468	0.965427	-1.03581	0.208799	0.837954	-1.19338	0.668133	1.05924	1.05924	0.035316	0.721042	-1.38688	3.274	0.923207	0.25065	1
cg09011324	PCNA;PCNA	0.0546827	0.862241	1.02792	1.02792	0.267783	1.20088	1.20088	0.416669	1.14069	1.14069	0.375115	0.865584	-1.15529	0.95246	0.99059	-1.0095	0.123403	0.767485	-1.30296	0.00482229	0.552688	-1.80934	0.107405	1.32133	1.32133	0.162333	1.26688	1.26688	3.27397	1.30386	0.353999	1
cg01777630	PDP2	0.0546832	0.476808	0.911459	-1.09714	0.332538	1.13668	1.13668	0.0013891	1.81095	1.81095	0.488598	0.91378	-1.09436	0.523557	1.08638	1.08638	0.830917	0.972968	-1.02778	0.405268	0.896617	-1.1153	0.821929	1.02931	1.02931	0.20718	1.18586	1.18586	3.27396	0.851627	0.231219	1
cg03562788	TGFB1I1;TGFB1I1;TGFB1I1	0.0546835	0.472235	0.870451	-1.14883	0.0194778	1.70895	1.70895	0.361701	0.837018	-1.19472	0.0531011	0.659008	-1.51743	0.14182	0.741025	-1.34948	0.734525	1.06672	1.06672	0.0951504	1.41616	1.41616	0.334547	0.827912	-1.20786	0.0809978	1.44358	1.44358	3.27395	1.867	0.506897	1
cg18571531	SHANK2;SHANK2	0.0546841	0.170368	0.657114	-1.52181	0.309245	0.738886	-1.35339	0.0555616	0.535844	-1.86621	0.636286	0.87198	-1.14682	0.00178474	0.278421	-3.59169	0.987224	1.00462	1.00462	0.062009	0.546463	-1.82995	0.974958	0.991014	-1.00907	0.157996	0.647858	-1.54355	3.27394	4.2881	1.16424	1
cg19040145	RIOK1;RIOK1;RIOK1	0.0546854	0.315983	0.711949	-1.4046	0.126915	0.582158	-1.71775	0.540183	0.8161	-1.22534	0.262975	0.682193	-1.46586	0.00361549	0.275081	-3.6353	0.229677	0.661639	-1.5114	0.0593481	2.00884	2.00884	0.605629	1.18612	1.18612	0.316951	0.712465	-1.40358	3.27391	5.56838	1.51185	1
cg07021394	PSMF1;PSMF1;PSMF1	0.0546864	0.993223	1.00186	1.00186	0.116714	1.45064	1.45064	0.00729242	2.12814	2.12814	0.154174	0.716815	-1.39506	0.589739	1.12616	1.12616	0.745045	1.07381	1.07381	0.030111	0.573113	-1.74486	0.363101	1.22631	1.22631	0.622241	0.897279	-1.11448	3.27388	2.47008	0.67065	1
cg18456319	CAB39;CAB39;CAB39	0.0546878	0.863093	1.02837	1.02837	0.491461	1.11991	1.11991	0.0124514	0.604116	-1.65531	0.317872	1.18213	1.18213	0.200642	1.24491	1.24491	0.0588328	0.707622	-1.41318	0.0344594	1.49139	1.49139	0.542026	1.10521	1.10521	0.3186	1.18182	1.18182	3.27385	1.36181	0.369748	1
cg27209953	ZNF155;ZNF155;ZNF155	0.0546898	0.789192	0.953094	-1.04921	0.620658	0.914441	-1.09356	0.213748	0.790801	-1.26454	0.00677464	0.533031	-1.87606	0.0117568	0.568821	-1.75802	0.0643102	0.688895	-1.4516	0.41572	1.16083	1.16083	0.722764	0.938134	-1.06595	0.448119	1.14866	1.14866	3.2738	1.66655	0.452494	1
cg20848488	PPP2R2C	0.0546914	0.0248247	0.36484	-2.74093	0.0427349	2.41196	2.41196	0.0723279	2.13182	2.13182	0.0415967	2.42727	2.42727	0.164202	1.75113	1.75113	0.325631	1.46682	1.46682	0.0791759	2.08684	2.08684	0.321885	1.47148	1.47148	0.64826	1.18929	1.18929	3.27377	7.38713	2.00574	1
cg21396956	MALT1;MALT1	0.0546924	0.465088	1.23225	1.23225	0.0129296	0.420315	-2.37917	0.453158	0.806808	-1.23945	0.432826	1.25214	1.25214	0.060962	1.80987	1.80987	0.774559	0.9225	-1.08401	0.0331616	2.01283	2.01283	0.159751	0.655737	-1.525	0.441438	0.802118	-1.2467	3.27375	4.09133	1.11088	1
cg07552868	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.0546926	0.107768	1.64229	1.64229	0.0171945	2.27193	2.27193	0.0170689	2.27493	2.27493	0.229893	1.42774	1.42774	0.20255	1.46271	1.46271	0.229108	1.42868	1.42868	0.0250821	2.12391	2.12391	0.0147689	2.33508	2.33508	0.0661432	1.79074	1.79074	3.27374	4.14279	1.12485	1
cg09521743	SYNPO2L;SYNPO2L	0.0546928	0.083709	0.434698	-2.30045	0.0108943	0.248781	-4.0196	0.011392	0.251941	-3.96918	0.330919	0.646208	-1.54749	0.0952509	0.450319	-2.22065	0.356424	0.661771	-1.5111	0.0687959	0.412119	-2.42648	0.258692	1.67015	1.67015	0.386133	0.679307	-1.47209	3.27374	9.82186	2.66684	1
cg23501240	NDUFA4L2;NDUFA4L2	0.0546933	0.339824	1.37937	1.37937	0.314897	0.71194	-1.40461	0.316	1.40345	1.40345	0.289973	1.43199	1.43199	0.997933	1.00085	1.00085	0.863586	1.05783	1.05783	0.00154407	0.225619	-4.43224	0.8222	1.07636	1.07636	0.997545	1.00101	1.00101	3.27372	5.54188	1.50474	1
cg23188331	ADAMTS10	0.054695	0.978974	0.993319	-1.00673	0.35577	0.785354	-1.27331	0.054868	0.574733	-1.73994	0.409129	1.23954	1.23954	0.00224997	0.336966	-2.96766	0.0479603	0.562647	-1.77731	0.352877	0.784145	-1.27527	0.909685	0.971548	-1.02928	0.493562	0.837898	-1.19346	3.27369	3.35467	0.910877	1
cg26353783	GATAD2B	0.0546956	0.0193669	0.520859	-1.91991	0.81859	0.948385	-1.05442	0.800706	1.06008	1.06008	0.53826	0.86611	-1.15459	0.0812764	0.640312	-1.56174	0.182772	0.721714	-1.38559	0.0048763	0.422817	-2.36509	0.223725	1.34294	1.34294	0.857546	0.959401	-1.04232	3.27367	2.75884	0.749099	1
cg21575465	SLC25A31	0.0546977	0.0194069	0.382204	-2.61641	0.944098	0.976419	-1.02415	0.050539	0.468457	-2.13467	0.409256	0.750364	-1.33269	0.0569909	0.480504	-2.08115	0.0602945	0.486265	-2.05649	0.00690309	0.304233	-3.28695	0.880531	0.950109	-1.05251	0.0793873	0.515481	-1.93994	3.27362	6.00384	1.63023	1
cg24913324	SLC1A4;SLC1A4	0.0546983	0.993098	1.00495	1.00495	0.791891	0.859853	-1.16299	0.563498	1.3958	1.3958	0.743811	0.829237	-1.20593	0.00114479	0.0652076	-15.3356	0.115273	0.37617	-2.65837	0.561863	0.715414	-1.39779	0.59156	1.36245	1.36245	0.746736	1.20324	1.20324	3.27361	16.9037	4.5899	1
cg07582133	CROT;TP53TG1;CROT;CROT;CROT;CROT	0.0546985	0.247017	0.584398	-1.71116	0.794422	0.890576	-1.12287	0.475557	1.37985	1.37985	0.854903	0.921977	-1.08463	0.641551	1.23129	1.23129	0.14578	0.500042	-1.99983	0.00169165	0.136588	-7.32128	0.7075	0.845967	-1.18208	0.223303	1.76444	1.76444	3.2736	10.2107	2.77253	1
cg07434253	MYT1	0.0546993	0.783981	0.897059	-1.11475	0.0312263	2.71639	2.71639	0.0244933	2.88455	2.88455	0.518518	1.29532	1.29532	0.0757264	0.457725	-2.18472	0.410194	1.39507	1.39507	0.729451	1.14712	1.14712	0.0445939	2.48847	2.48847	0.142921	0.536623	-1.8635	3.27358	8.10274	2.20017	1
cg11794769	FAM171B	0.0547019	0.994707	1.00335	1.00335	0.0484021	3.11692	3.11692	0.20347	1.96728	1.96728	0.104269	2.44791	2.44791	0.485462	1.42947	1.42947	0.0532228	3.02565	3.02565	0.811024	1.12834	1.12834	0.00257619	8.21882	8.21882	0.071343	2.76006	2.76006	3.27353	13.1744	3.57735	1
cg15871206	ESPNL	0.0547021	0.0175261	0.0933735	-10.7097	0.508769	0.577082	-1.73286	0.327419	0.436413	-2.29141	0.292137	0.408016	-2.45088	0.00330013	0.0375216	-26.6513	0.229481	0.355504	-2.81291	0.87215	1.14121	1.14121	0.439568	0.523852	-1.90893	0.0278148	0.11854	-8.43598	3.27352	34.876	9.47018	1
cg10958002	TIMP4;SYN2;SYN2	0.0547036	0.257065	0.442909	-2.2578	0.0047415	0.0755842	-13.2303	0.00942813	0.103764	-9.63722	0.689237	0.758238	-1.31885	0.146942	0.342423	-2.92037	0.377841	0.536338	-1.86449	0.0379438	0.190741	-5.24272	0.191829	0.386242	-2.58905	0.132936	0.327526	-3.05319	3.27349	24.576	6.67341	1
cg00503321	PLSCR3	0.0547041	0.157136	0.59559	-1.67901	0.013911	0.353218	-2.83112	0.0773135	0.510375	-1.95934	0.748079	0.895506	-1.11669	0.143868	0.584026	-1.71225	0.909792	0.961925	-1.03958	0.0049787	0.279925	-3.57239	0.0410456	0.445985	-2.24223	0.255335	0.665827	-1.50189	3.27347	6.0815	1.65139	1
cg25565850	OBSL1	0.0547044	0.0126804	0.119327	-8.38036	0.0193509	0.143603	-6.96367	0.125318	0.320329	-3.12179	0.453453	0.592126	-1.68883	0.0126315	0.119123	-8.39468	0.891927	1.09777	1.09777	0.176543	0.37312	-2.68011	0.451228	0.59054	-1.69336	0.0381849	0.192321	-5.19965	3.27347	24.4116	6.62881	1
cg26530261	NSMCE1	0.054705	0.621869	1.06756	1.06756	0.544556	0.922516	-1.08399	0.661446	1.05966	1.05966	0.139473	0.811287	-1.23261	0.088323	0.780911	-1.28056	0.0285387	0.711906	-1.40468	0.668126	1.05836	1.05836	0.0933347	1.27473	1.27473	0.0205782	1.44313	1.44313	3.27346	0.896582	0.243462	1
cg24444631	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.0547063	0.0067137	0.420805	-2.3764	0.162697	0.692843	-1.44333	0.0437269	0.565063	-1.76971	0.636639	0.889437	-1.12431	0.574144	1.15005	1.15005	0.0429013	0.563418	-1.77488	0.0293952	0.531695	-1.88078	0.0695138	0.606602	-1.64853	0.292485	0.764212	-1.30854	3.27343	3.14305	0.853485	1
cg01282269	DSCAM	0.0547076	0.0174416	0.264862	-3.77555	0.0498226	0.358069	-2.79276	0.156522	0.49871	-2.00517	0.855206	1.08747	1.08747	0.0220126	0.283381	-3.52881	0.27054	0.590592	-1.69322	0.00881063	0.216315	-4.62289	0.890233	0.938579	-1.06544	0.159955	0.501958	-1.9922	3.27339	10.925	2.96668	1
cg17181046	RORA;RORA;RORA	0.0547086	0.057727	0.677924	-1.47509	0.0224577	0.609376	-1.64102	0.105665	0.726011	-1.37739	0.31156	0.827246	-1.20883	0.0216454	0.606821	-1.64793	0.217883	0.79072	-1.26467	0.0762849	1.42943	1.42943	0.0987672	0.720423	-1.38807	0.659355	0.922784	-1.08368	3.27337	1.70129	0.461989	1
cg22935319	TOP2A	0.0547096	0.470423	1.38587	1.38587	0.00843487	0.224258	-4.45915	0.0942637	0.441518	-2.26491	0.465615	1.39096	1.39096	0.0117841	0.247119	-4.04663	0.793664	1.12355	1.12355	0.934374	0.964062	-1.03728	0.386131	0.67379	-1.48414	0.0998824	0.448736	-2.22848	3.27335	10.2392	2.78049	1
cg06736134	JAKMIP2	0.0547096	0.514082	1.21045	1.21045	0.0290453	0.475837	-2.10156	0.00825178	0.377138	-2.65155	0.978874	0.992386	-1.00767	0.763788	1.09089	1.09089	0.748158	1.09744	1.09744	0.261607	1.40201	1.40201	0.592116	1.16895	1.16895	0.0326816	0.486054	-2.05738	3.27335	4.31931	1.17292	1
cg06728055	WWTR1;WWTR1;WWTR1	0.0547097	0.0388364	0.208933	-4.78623	0.0455284	0.222886	-4.4866	0.0224852	0.167081	-5.98512	0.0730267	0.270143	-3.70174	0.0779671	0.277469	-3.60401	0.756802	0.816003	-1.22549	0.0206161	0.161204	-6.20331	0.285173	0.483526	-2.06814	0.016622	0.147425	-6.7831	3.27335	22.2129	6.032	1
cg18492803	MMP14	0.0547102	0.541595	0.809996	-1.23457	0.637562	1.17566	1.17566	0.22616	0.648293	-1.54251	0.0527852	0.472016	-2.11857	0.00735171	0.307826	-3.24859	0.698804	0.875817	-1.14179	0.0581999	0.481883	-2.07519	0.870112	0.94572	-1.0574	0.0100678	0.330359	-3.02701	3.27333	6.02928	1.63728	1
cg09104660	NDUFA4L2	0.0547112	0.348079	0.600319	-1.66578	0.034804	3.66747	3.66747	0.250659	1.8852	1.8852	0.227798	1.95171	1.95171	0.0962852	0.381126	-2.62381	0.0940576	2.64431	2.64431	0.0192335	4.46349	4.46349	0.321929	0.582461	-1.71685	0.480972	0.684965	-1.45993	3.27331	14.4643	3.92787	1
cg08047252	IAH1	0.0547114	0.0798162	4.96832	4.96832	0.450331	1.88571	1.88571	0.205613	3.00764	3.00764	0.0323746	7.8931	7.8931	0.0708531	5.2826	5.2826	0.219882	2.89743	2.89743	0.0414718	6.95131	6.95131	0.0107367	14.0654	14.0654	0.0110132	13.875	13.875	3.27331	35.2556	9.5739	1
cg05877788	TP53I13	0.0547116	0.125641	3.61841	3.61841	0.0342698	6.79683	6.79683	0.0209429	8.63474	8.63474	0.102774	3.9953	3.9953	0.0240253	8.07465	8.07465	0.164878	3.1571	3.1571	0.662154	1.40658	1.40658	0.0303274	7.21078	7.21078	0.0161665	9.80753	9.80753	3.2733	31.2138	8.47632	1
cg20110984	SNORD116-3;SNORD116-9	0.0547142	0.761449	1.13224	1.13224	0.00893196	0.257492	-3.88361	0.395727	1.42587	1.42587	0.667972	0.838605	-1.19246	0.010779	0.270728	-3.69374	0.10228	0.482208	-2.0738	0.288267	1.56784	1.56784	0.966707	0.983119	-1.01717	0.251064	0.613134	-1.63097	3.27324	8.6257	2.34241	1
cg24060102	NLRX1;NLRX1	0.0547157	0.075328	0.695319	-1.43819	0.0200622	1.67337	1.67337	0.645436	1.08874	1.08874	0.56365	1.11308	1.11308	0.505516	0.883392	-1.132	0.0336234	1.57686	1.57686	0.0192072	1.68185	1.68185	0.768563	0.947289	-1.05564	0.490663	1.1371	1.1371	3.27321	1.74592	0.47413	1
cg06476549	CELSR1	0.0547169	0.981399	1.00441	1.00441	0.0089972	1.87056	1.87056	0.68771	1.07917	1.07917	0.139856	1.3492	1.3492	0.020906	0.59212	-1.68885	0.291027	1.22948	1.22948	0.88261	1.02825	1.02825	0.0674612	1.47155	1.47155	0.91951	1.01924	1.01924	3.27318	1.84293	0.500479	1
cg22053796	N6AMT2	0.0547184	0.0338132	1.59961	1.59961	0.100367	0.710908	-1.40665	0.281776	0.808935	-1.23619	0.229588	0.78744	-1.26994	0.180342	1.30954	1.30954	0.511497	0.881418	-1.13453	0.191342	1.29983	1.29983	0.0395095	0.636735	-1.57051	0.0923028	0.703832	-1.42079	3.27314	1.86273	0.505862	1
cg21046119	NCKAP5;NCKAP5	0.0547185	0.0293658	0.148767	-6.72194	0.0332856	0.157656	-6.34294	0.275647	0.430821	-2.32115	0.820197	0.844475	-1.18417	0.0213851	0.128336	-7.79204	0.917947	0.92634	-1.07952	0.0226047	0.131708	-7.59253	0.112648	0.277406	-3.60482	0.0197211	0.123554	-8.09363	3.27314	28.58	7.76148	1
cg09795666	TPST1	0.0547194	0.479966	0.884474	-1.13062	0.00638548	1.83449	1.83449	0.0286201	0.643092	-1.55499	0.852734	1.03228	1.03228	0.848379	0.967806	-1.03326	0.209027	0.797403	-1.25407	0.107882	1.34977	1.34977	0.873561	0.97314	-1.0276	0.615104	1.09054	1.09054	3.27312	1.5152	0.411487	1
cg05499338	CMIP	0.0547195	0.168415	0.649283	-1.54016	0.151938	0.63657	-1.57092	0.17276	0.652488	-1.53259	0.226108	0.687962	-1.45357	0.00233174	0.286287	-3.493	0.670208	0.881565	-1.13435	0.164182	1.54774	1.54774	0.589929	1.17363	1.17363	0.475502	0.807736	-1.23803	3.27312	4.48868	1.219	1
cg26144207	RRP1B	0.0547208	0.17529	0.820772	-1.21836	0.022749	0.688283	-1.45289	0.984867	1.0026	1.0026	0.14154	1.24186	1.24186	0.154347	0.811459	-1.23235	0.305895	1.15635	1.15635	0.0176252	1.48536	1.48536	0.395377	0.887566	-1.12668	0.551415	1.08608	1.08608	3.27309	0.973331	0.264332	1
cg20849299	OTOP1	0.0547224	0.387312	0.750646	-1.33219	0.240782	0.671999	-1.4881	0.346297	0.730571	-1.36879	0.385348	1.33385	1.33385	0.203616	0.6477	-1.54393	0.113351	0.572523	-1.74665	0.00232036	0.252343	-3.96286	0.243373	1.48456	1.48456	0.22871	0.664384	-1.50515	3.27305	5.43104	1.47495	1
cg24029308	PPP2R3A	0.0547226	0.65585	0.890248	-1.12328	0.111479	0.638066	-1.56724	0.382831	1.26106	1.26106	0.00281922	0.344271	-2.90469	0.104901	0.631723	-1.58297	0.0482068	0.55701	-1.7953	0.291476	0.75299	-1.32804	0.613764	1.141	1.141	0.321238	0.766735	-1.30423	3.27305	3.48228	0.945713	1
cg10061770	PRMT7	0.0547229	0.52983	0.833659	-1.19953	0.0165767	0.433219	-2.3083	0.261299	0.715434	-1.39775	0.0342238	0.493501	-2.02634	0.534904	0.835575	-1.19678	0.00578636	0.355775	-2.81076	0.443695	0.799934	-1.2501	0.38426	1.29047	1.29047	0.105232	0.602913	-1.65861	3.27304	4.23558	1.15029	1
cg00129981	C16orf89;C16orf89	0.0547234	0.942769	0.982198	-1.01812	0.0749129	1.64255	1.64255	0.475457	1.19908	1.19908	0.741827	0.92062	-1.08622	0.00686877	0.416574	-2.40053	0.120122	1.52474	1.52474	0.0521574	1.73779	1.73779	0.869059	0.959563	-1.04214	0.480807	0.835864	-1.19637	3.27303	3.24459	0.881164	1
cg20582984	GNASAS;GNAS	0.0547236	0.98929	1.00225	1.00225	0.081078	0.723841	-1.38152	0.19414	1.25802	1.25802	0.00397312	1.91006	1.91006	0.724015	1.06103	1.06103	0.442825	1.13968	1.13968	0.607181	0.916998	-1.09051	0.239127	1.22875	1.22875	0.143324	0.7689	-1.30056	3.27303	1.44734	0.39307	1
cg23263641	CADM4	0.0547259	0.137098	1.54391	1.54391	0.0275292	2.02776	2.02776	0.401658	0.792307	-1.26214	0.197682	1.44672	1.44672	0.0202015	0.467813	-2.13761	0.211866	0.699992	-1.42859	0.878026	1.04253	1.04253	0.0904968	1.65844	1.65844	0.69749	0.899476	-1.11176	3.27297	3.81304	1.03556	1
cg02209667	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.054726	0.278589	1.97528	1.97528	0.178339	2.37273	2.37273	0.0396894	4.20855	4.20855	0.21632	2.19489	2.19489	0.749291	0.823882	-1.21377	0.18039	0.423383	-2.36193	0.0135793	0.157982	-6.32984	0.127438	0.369385	-2.7072	0.790375	1.17466	1.17466	3.27297	18.9243	5.13954	1
cg12274600	HDAC4	0.0547264	0.881442	1.02608	1.02608	0.738261	1.05956	1.05956	0.988994	0.997623	-1.00238	0.515312	0.892436	-1.12053	0.780383	1.0494	1.0494	0.694861	0.934255	-1.07037	0.00178724	2.1529	2.1529	0.476517	0.882608	-1.13301	0.0749925	0.710308	-1.40784	3.27296	1.54253	0.418928	1
cg00187174	ITPR2	0.0547295	0.204085	0.876642	-1.14072	0.262742	0.891636	-1.12153	0.0722177	1.21785	1.21785	0.0592423	0.811233	-1.23269	0.0550656	1.2382	1.2382	0.0443345	1.25468	1.25468	0.312518	1.10807	1.10807	0.801062	1.02511	1.02511	0.171308	0.866691	-1.15381	3.27289	0.500156	0.135838	1
cg13467814	LOC100302652;ASB3;ERLEC1;ERLEC1;ASB3;ERLEC1	0.0547304	0.0124912	0.571717	-1.74912	0.118236	1.35683	1.35683	0.786461	0.952322	-1.05007	0.0081771	0.543966	-1.83835	0.165893	0.766571	-1.30451	0.50035	0.884201	-1.13096	0.328937	0.834209	-1.19874	0.252197	0.80639	-1.24009	0.143336	0.753571	-1.32702	3.27287	1.67771	0.455654	1
cg20806130	ATAD2B	0.0547309	0.0893886	0.618151	-1.61773	0.392663	1.2522	1.2522	0.189811	1.42855	1.42855	0.0775189	0.604145	-1.65523	0.978825	0.993207	-1.00684	0.00591456	2.52119	2.52119	0.403436	1.24556	1.24556	0.896473	1.034	1.034	0.159643	1.47098	1.47098	3.27286	3.41898	0.928574	1
cg00465739	ATP8A2	0.0547312	0.899836	1.03189	1.03189	0.347672	1.27258	1.27258	0.00502502	0.396468	-2.52227	0.104241	0.642261	-1.557	0.656226	1.11816	1.11816	0.775068	1.07403	1.07403	0.0522991	1.73363	1.73363	0.253077	0.742617	-1.34659	0.285602	0.758455	-1.31847	3.27285	3.22124	0.874872	1
cg27325314	TRIB2;TRIB2	0.0547315	0.789939	0.960926	-1.04066	0.603463	1.08137	1.08137	0.164967	1.24749	1.24749	0.741479	1.05066	1.05066	0.130637	1.27595	1.27595	0.682181	0.940386	-1.06339	0.0041633	0.563647	-1.77416	0.49159	0.900967	-1.10992	0.0669037	1.35885	1.35885	3.27284	1.1552	0.313748	1
cg26597242	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.0547334	0.601339	0.767768	-1.30248	0.0278936	3.67857	3.67857	0.397075	0.647453	-1.54451	0.30266	1.70789	1.70789	0.0113003	0.203837	-4.90587	0.559191	0.743732	-1.34457	0.247763	0.54566	-1.83264	0.0777704	2.67149	2.67149	0.607267	1.29679	1.29679	3.2728	13.026	3.53786	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13895323	MOV10L1;MOV10L1;MOV10L1	0.0547345	0.0204257	2.98382	2.98382	0.00680523	3.94293	3.94293	0.0682779	2.22269	2.22269	0.154781	1.81455	1.81455	0.244322	1.61053	1.61053
cg01936091	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0547349	0.35697	0.763879	-1.30911	0.597925	0.859583	-1.16335	0.771937	0.920696	-1.08613	0.365362	0.76765	-1.30268	0.555699	0.844136	-1.18464
cg26393294	NPAS3;NPAS3;NPAS3;NPAS3	0.0547357	0.221158	1.52501	1.52501	0.145987	0.599209	-1.66887	0.408006	1.32009	1.32009	0.285676	0.694998	-1.43885	0.204255	1.55209	1.55209
cg13408636	PPP1R3E	0.0547364	0.35794	0.717315	-1.39409	0.284634	1.47787	1.47787	0.465496	1.29826	1.29826	0.218749	1.57553	1.57553	0.249436	0.655056	-1.52659
cg07465275	MAP3K11	0.0547365	0.616588	1.14904	1.14904	0.746628	0.91465	-1.09331	0.0434747	1.89457	1.89457	0.0826662	1.69712	1.69712	0.547683	1.18227	1.18227
cg24192933	PCDHB1	0.0547375	0.187353	1.51424	1.51424	0.472276	0.804864	-1.24245	0.237507	1.44401	1.44401	0.520038	0.823971	-1.21363	0.00853691	0.369189	-2.70864
cg07103329	ADCK1;ADCK1	0.0547379	0.446462	1.13938	1.13938	0.00762224	0.561643	-1.78049	0.144021	1.30202	1.30202	0.318053	0.840691	-1.1895	0.0638705	1.4194	1.4194
cg21022364	SLC25A13;SLC25A13;SLC25A13	0.0547408	0.958453	0.992087	-1.00798	0.78919	0.95996	-1.04171	0.0361416	0.689643	-1.45003	0.354642	0.86484	-1.15628	0.406824	1.13814	1.13814
cg17170568	C7orf13;RNF32;RNF32	0.0547423	0.0524953	0.701675	-1.42516	0.110844	0.756432	-1.322	0.062006	1.40166	1.40166	0.980647	1.00391	1.00391	0.0213586	0.641185	-1.55961
cg01423563	TTLL3	0.0547435	0.0640965	0.751545	-1.33059	0.335359	0.872517	-1.14611	0.0859042	1.29761	1.29761	0.965688	1.00592	1.00592	0.660692	0.941166	-1.06251
cg23453437	ZNF282	0.0547442	0.110568	1.19979	1.19979	0.172833	1.16413	1.16413	0.192138	0.865343	-1.15561	0.803664	1.02644	1.02644	0.605806	0.946925	-1.05605
cg26945846	MAD1L1;MAD1L1;MAD1L1	0.0547442	0.621259	0.846835	-1.18087	0.747488	1.11386	1.11386	0.49457	1.26055	1.26055	0.31155	0.705047	-1.41834	0.0620218	0.49588	-2.01662
cg24469729	HOXA3;HOXA3	0.0547461	0.829309	0.883228	-1.13221	0.00362443	0.103912	-9.6235	0.34355	0.570535	-1.75274	0.445042	0.639058	-1.5648	0.223974	0.479632	-2.08493
cg24482389	ZNF331	0.0547464	0.0170587	0.356737	-2.80319	0.0623131	0.475352	-2.1037	0.112848	0.542436	-1.84353	0.378937	0.726197	-1.37704	0.782408	1.1031	1.1031
cg22910715	REEP6;REEP6;PCSK4	0.0547482	?	?	?	0.877765	1.09858	1.09858	0.585854	1.40098	1.40098	0.67237	1.29734	1.29734	0.0750863	3.52428	3.52428
cg06276229	NAT15;NAT15;NAT15	0.0547492	0.841949	1.07323	1.07323	0.00438695	3.84452	3.84452	0.0373276	2.3524	2.3524	0.34465	1.41136	1.41136	0.248526	0.652473	-1.53263
cg06759781	SHE	0.0547514	0.368988	0.738078	-1.35487	0.609169	1.18498	1.18498	0.543679	0.816835	-1.22424	0.0375526	2.21272	2.21272	0.970621	0.987951	-1.0122
cg10724491	C3orf17;C3orf17;C3orf17	0.0547534	0.24639	0.849515	-1.17714	0.434258	1.11332	1.11332	0.355482	1.13642	1.13642	0.114527	0.793797	-1.25977	0.435225	0.898429	-1.11305
cg14465410	TCTEX1D2	0.0547539	0.931073	0.989933	-1.01017	0.00234595	0.608584	-1.64316	0.281786	0.877372	-1.13977	0.537667	0.929609	-1.07572	0.0383029	0.755202	-1.32415
cg17132696	ZNF626;ZNF626	0.0547573	0.00404357	0.189302	-5.28257	0.163438	1.89881	1.89881	0.915829	1.04663	1.04663	0.764126	1.13853	1.13853	0.433428	0.708491	-1.41145
cg24763243	HSPA12B	0.0547576	0.197259	0.58549	-1.70797	0.0134917	3.32345	3.32345	0.790694	0.900806	-1.11012	0.125225	0.521151	-1.91883	0.179633	0.571367	-1.75019
cg14243778	CNTN1;CNTN1	0.0547576	0.743114	0.944474	-1.05879	0.0755425	0.709176	-1.41009	0.0870961	1.38844	1.38844	0.414397	1.15596	1.15596	0.250157	1.23214	1.23214
cg13575925	LOC144571	0.0547584	0.521346	0.535383	-1.86782	0.380211	2.3755	2.3755	0.960731	1.04846	1.04846	0.123983	4.9591	4.9591	0.513374	0.528816	-1.89102
cg15255390	HOXB3	0.05476	0.298875	1.52473	1.52473	0.0420151	2.5041	2.5041	0.0997337	2.02737	2.02737	0.0126614	3.36717	3.36717	0.397008	1.40462	1.40462
cg15103564	SRP68	0.0547604	0.878757	0.919849	-1.08713	0.0927776	0.363392	-2.75185	0.635086	1.29908	1.29908	0.00224841	0.0962545	-10.3891	0.907464	1.06571	1.06571
cg13962943	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.0547607	0.97966	1.00284	1.00284	0.0535896	1.27604	1.27604	0.0530571	1.27692	1.27692	0.651411	0.950679	-1.05188	0.067523	0.796296	-1.25582
cg07160800	TMED9	0.0547608	0.0168879	1.95555	1.95555	0.882839	0.966636	-1.03452	0.134199	1.45013	1.45013	0.217806	1.3476	1.3476	0.0392978	0.577684	-1.73105
cg17074454	IGF2R	0.054763	0.0100389	0.776338	-1.2881	0.0149734	0.792118	-1.26244	0.235121	0.907606	-1.1018	0.734306	1.0269	1.0269	0.282614	1.09088	1.09088
cg19967433	ASGR1	0.0547645	0.205571	1.21901	1.21901	0.087176	1.32324	1.32324	0.107096	1.29803	1.29803	0.116014	0.77622	-1.28829	0.250255	1.19503	1.19503
cg22848896	HELT	0.0547649	0.244413	1.40574	1.40574	0.738645	0.910606	-1.09817	0.796858	0.930399	-1.07481	0.0522594	0.53935	-1.85408	0.285977	0.733521	-1.36329
cg11014463	BEND6;DST	0.0547654	0.0671434	0.406125	-2.4623	0.0352854	2.93492	2.93492	0.0702699	2.43182	2.43182	0.451758	0.714128	-1.40031	0.277418	0.608919	-1.64226
cg24685239	ALCAM	0.0547659	0.0706456	0.462246	-2.16335	0.0682509	0.458467	-2.18118	0.853352	0.931759	-1.07324	0.27835	1.53814	1.53814	0.115893	0.520604	-1.92085
cg12043166	HIBCH;HIBCH;HIBCH;HIBCH	0.0547662	0.105709	1.17425	1.17425	0.0477248	0.814009	-1.22849	0.279514	0.902858	-1.10759	0.733674	1.03153	1.03153	0.246981	1.11631	1.11631
cg09596975	CDK2;CDK2	0.0547681	0.0528996	0.668534	-1.49581	0.0727381	0.693221	-1.44254	0.807404	1.04572	1.04572	0.450206	0.868646	-1.15122	0.37537	0.846609	-1.18118
cg22793871	FAM151B	0.0547691	0.592865	1.13093	1.13093	0.853706	0.958794	-1.04298	0.358699	1.24005	1.24005	0.477465	1.17899	1.17899	0.00156058	2.81896	2.81896
cg12980549	PTPRN2;PTPRN2;PTPRN2	0.0547698	0.0328588	0.206425	-4.84438	0.00474912	0.0934436	-10.7016	0.0401352	0.223322	-4.47784	0.31738	0.5203	-1.92197	0.10503	0.32637	-3.06401
ch.2.1685112F	MTHFD2;MTHFD2	0.0547699	0.0307086	0.265042	-3.77299	0.00443707	0.137224	-7.28735	0.0181719	0.223037	-4.48356	0.142637	0.438502	-2.28049	0.225924	0.514149	-1.94496
cg20026524	PDE10A;PDE10A	0.0547707	0.0113166	1.72515	1.72515	0.679353	0.93103	-1.07408	0.937329	0.986571	-1.01361	0.0333053	1.53373	1.53373	0.0649473	0.700237	-1.42809
cg00207873	ATP2C2	0.0547709	0.585792	1.09189	1.09189	0.00419065	1.84562	1.84562	0.0289649	1.50882	1.50882	0.481545	0.892001	-1.12108	0.964813	0.992977	-1.00707
cg02833172	USP10	0.0547712	0.0831704	0.332978	-3.0032	0.00446966	0.113764	-8.79016	0.0582904	0.293251	-3.41004	0.324841	0.55829	-1.79118	0.0556403	0.288431	-3.46703
cg19408535	TGFBR2;TGFBR2	0.0547733	0.209764	1.56538	1.56538	0.275522	1.46899	1.46899	0.0885443	1.89076	1.89076	0.121563	1.76654	1.76654	0.0574144	0.48258	-2.07219
cg03522216	GOLPH3	0.0547745	0.045101	1.30875	1.30875	0.0958211	0.80728	-1.23873	0.144705	0.832489	-1.20122	0.531271	1.07704	1.07704	0.073506	1.26305	1.26305
cg07194374	DDX24	0.0547748	0.0367915	0.310226	-3.22346	0.0203177	0.259281	-3.85683	0.943351	1.03489	1.03489	0.893495	0.937408	-1.06677	0.058286	0.356101	-2.8082
cg15522728	RPS11;SNORD35B	0.054775	0.106545	1.37968	1.37968	0.085889	1.41431	1.41431	0.881978	1.0275	1.0275	0.917751	1.01904	1.01904	0.23362	0.796073	-1.25617
cg14562181	C9orf114	0.0547773	0.72086	0.861974	-1.16013	0.121568	0.499159	-2.00337	0.21313	0.581135	-1.72077	0.339539	0.665305	-1.50307	0.00116641	0.138975	-7.19552
cg08082389	C14orf135	0.0547778	0.0303648	0.557339	-1.79424	0.379227	1.23021	1.23021	0.819789	1.05381	1.05381	0.59388	0.883722	-1.13158	0.156451	0.705987	-1.41646
cg13228642	IER5	0.054778	0.0455662	0.260409	-3.84011	0.336045	1.78987	1.78987	0.56431	1.40776	1.40776	0.0780448	0.316938	-3.15519	0.138318	0.392027	-2.55085
cg02953927	PDIA3;CATSPER2P1	0.0547783	0.0370452	8.26084	8.26084	0.524368	1.75524	1.75524	0.102202	4.7575	4.7575	0.5023	1.81077	1.81077	0.0587682	6.43371	6.43371
cg07118376	ASPH;ASPH;ASPH;ASPH;ASPH	0.0547786	0.173089	0.401286	-2.49199	0.505168	1.53094	1.53094	0.526523	1.49807	1.49807	0.343133	0.540578	-1.84987	0.039221	0.222528	-4.49382
cg22513396	PRKAG2;PRKAG2	0.0547806	0.04803	0.495695	-2.01737	0.866212	0.948987	-1.05375	0.0280534	0.446764	-2.23832	0.96084	1.01536	1.01536	0.0021666	0.262774	-3.80555
cg00287915	LPCAT1	0.0547813	0.168438	0.638172	-1.56698	0.836276	0.938634	-1.06538	0.211975	0.66873	-1.49537	0.0322309	0.464145	-2.1545	0.0105158	0.373345	-2.67849
cg07393618	CMIP;CMIP	0.0547815	0.162126	0.832924	-1.20059	0.00525925	0.637158	-1.56947	0.103763	0.804215	-1.24345	0.0267146	0.725031	-1.37925	0.0778314	0.786615	-1.27127
cg02963283	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.0547831	0.252629	1.30639	1.30639	0.70546	1.08864	1.08864	0.324734	0.796552	-1.25541	0.025764	0.553063	-1.80811	0.0219771	0.540844	-1.84896
cg24151204	SLC29A2	0.0547841	0.064126	0.327756	-3.05105	0.143704	2.32179	2.32179	0.558923	0.728409	-1.37286	0.227593	0.507064	-1.97214	0.0141451	0.197221	-5.07045
cg26554505	WNT5A	0.0547875	0.247144	2.05579	2.05579	0.710938	0.801165	-1.24818	0.0274881	4.72483	4.72483	0.224884	2.13648	2.13648	0.65638	1.30562	1.30562
cg05673638	FLOT1;FLOT1	0.0547882	0.727021	0.94281	-1.06066	0.745719	0.946791	-1.0562	0.595667	1.09416	1.09416	0.734878	0.944486	-1.05878	0.336483	1.18119	1.18119
cg25531679	NKX1-2	0.0547893	0.615956	1.10209	1.10209	0.305969	0.815677	-1.22598	0.00394305	2.10735	2.10735	0.876622	1.03031	1.03031	0.499336	0.876507	-1.14089
cg17149655	RORA	0.0547904	0.344728	0.842318	-1.1872	0.987204	1.00283	1.00283	0.316001	1.20057	1.20057	0.42546	1.15431	1.15431	0.308528	1.20422	1.20422
cg25755261	PPP2R3C;KIAA0391;KIAA0391	0.0547906	0.0839118	0.746294	-1.33996	0.110832	1.30448	1.30448	0.114081	1.30083	1.30083	0.728103	0.948001	-1.05485	0.0613387	0.724303	-1.38064
cg27570309	LRRN1	0.0547914	0.334754	1.65627	1.65627	0.0129803	4.7767	4.7767	0.0184009	4.26602	4.26602	0.0562115	2.99447	2.99447	0.645598	1.26475	1.26475
cg10991689	COL4A2	0.0547929	0.060906	0.653267	-1.53077	0.00953424	1.93819	1.93819	0.371647	1.20307	1.20307	0.480157	0.865319	-1.15564	0.511301	1.1437	1.1437
cg25167447	NAV1	0.054793	0.575889	0.801233	-1.24808	0.164166	1.78972	1.78972	0.0615811	2.28332	2.28332	0.841686	0.924581	-1.08157	0.00451714	0.226773	-4.40969
cg07414239	HINT3	0.0547933	0.117474	1.75395	1.75395	0.0198603	0.394876	-2.53244	0.92667	1.03089	1.03089	0.0111809	0.349693	-2.85965	0.284045	1.44451	1.44451
cg10899547	RASGEF1C	0.0547941	0.273083	2.67454	2.67454	0.222666	3.01997	3.01997	0.182707	3.38572	3.38572	0.342124	2.3261	2.3261	0.351848	2.28496	2.28496
cg07719599	FAM132A	0.0547948	0.0838815	0.421326	-2.37346	0.00618513	0.199213	-5.01975	0.124415	0.471544	-2.12069	0.820508	1.10815	1.10815	0.0406752	0.34374	-2.90918
cg07996345	KBTBD4;KBTBD4;NDUFS3;KBTBD4	0.0547957	0.0195521	0.740458	-1.35051	0.245756	0.878728	-1.13801	0.55113	0.937798	-1.06633	0.0159066	1.3695	1.3695	0.554663	0.938344	-1.06571
cg12840248	HLA-DMB;HLA-DMB	0.0547964	0.0364354	0.184575	-5.41786	0.0238167	0.153465	-6.51614	0.0987012	0.284187	-3.51881	0.247463	0.431606	-2.31693	0.0269866	0.162052	-6.17085
cg16494397	PSMB9;TAP1;PSMB9;TAP1	0.0547974	0.781171	1.04311	1.04311	0.148694	1.26461	1.26461	0.0840703	1.33604	1.33604	0.820135	0.966071	-1.03512	0.00413349	1.79111	1.79111
cg03295083	NRXN1;NRXN1;NRXN1	0.0547978	0.0496333	0.522604	-1.91349	0.0391411	0.500739	-1.99705	0.230056	1.44032	1.44032	0.0838615	0.574483	-1.7407	0.963301	0.986757	-1.01342
cg25426302	PPT2;PRRT1;PPT2	0.0547978	0.45248	1.34484	1.34484	0.0222885	2.8871	2.8871	0.0108398	3.45059	3.45059	0.0699759	2.19083	2.19083	0.457384	0.746056	-1.34038
cg13871400	HMSD	0.0548004	0.29154	1.97664	1.97664	0.0856685	3.26316	3.26316	0.0187896	5.88516	5.88516	0.157873	2.56024	2.56024	0.514358	0.662533	-1.50936
cg17876758	DKFZp434L192	0.0548005	0.0883596	0.453515	-2.205	0.00188206	0.156709	-6.38125	0.628517	0.814624	-1.22756	0.753394	0.875865	-1.14173	0.282151	0.624988	-1.60003
cg18747420	MAP3K3;MAP3K3	0.0548011	0.0562877	0.726148	-1.37713	0.0436495	0.709369	-1.4097	0.0490679	1.39462	1.39462	0.439569	1.12379	1.12379	0.069691	1.3503	1.3503
cg08781584	NCRNA00113	0.0548015	0.0178848	0.219945	-4.54658	0.222746	0.509594	-1.96235	0.280832	0.554438	-1.80363	0.25101	0.532024	-1.87961	0.00714881	0.160792	-6.21922
cg19100935	RSU1;RSU1	0.0548015	0.684947	0.837526	-1.19399	0.0102999	4.07656	4.07656	0.0934922	2.22969	2.22969	0.882351	1.06649	1.06649	0.182812	0.540923	-1.84869
cg05549854	ZNF629	0.0548048	0.36051	0.936184	-1.06817	0.866547	0.988271	-1.01187	0.0324432	0.838913	-1.19202	0.278346	1.08228	1.08228	0.55109	0.958575	-1.04322
cg24569018	TMEM89	0.0548048	0.062212	0.174816	-5.7203	0.324928	2.32678	2.32678	0.448561	0.526451	-1.89951	0.252282	0.370282	-2.70064	0.00339233	0.0365487	-27.3608
cg08948225	PTK2B;PTK2B;PTK2B;PTK2B	0.0548051	0.369305	1.37548	1.37548	0.498867	0.788696	-1.26792	0.00515361	0.278804	-3.58674	0.537175	1.24117	1.24117	0.566293	0.818361	-1.22195
cg23709988	PPP1R3E	0.0548054	0.763329	0.935057	-1.06945	0.496472	1.16594	1.16594	0.00852368	2.10944	2.10944	0.45846	1.18277	1.18277	0.791734	0.942854	-1.06061
cg14388488	GATA5	0.0548055	0.787254	1.08412	1.08412	0.121394	0.605657	-1.6511	0.830205	1.06622	1.06622	0.0179646	2.35975	2.35975	0.238969	1.44519	1.44519
cg25951210	HOXD4	0.0548077	0.0257174	10.1937	10.1937	0.810525	0.810176	-1.2343	0.997816	1.0024	1.0024	0.574203	0.608013	-1.6447	0.0123151	15.3601	15.3601
cg11809094	ETFDH;ETFDH;C4orf46	0.0548087	0.0285503	1.35285	1.35285	0.00652383	1.51201	1.51201	0.68472	1.04891	1.04891	0.010505	1.45738	1.45738	0.242356	1.15387	1.15387
cg01345354	SERPINB9	0.0548091	0.336159	2.08594	2.08594	0.0919644	3.9563	3.9563	0.138369	0.306422	-3.26347	0.43682	1.80052	1.80052	0.00747595	0.0778413	-12.8467
cg14792912	GRM2;GRM2	0.0548111	0.625429	1.17268	1.17268	0.0331416	0.446462	-2.23983	0.0874169	0.542842	-1.84216	0.0461066	2.09581	2.09581	0.112305	0.571348	-1.75025
cg10317162	KIAA0146	0.0548122	0.0345848	0.701454	-1.42561	0.299426	0.856622	-1.16738	0.0441164	0.716897	-1.3949	0.724995	0.950443	-1.05214	0.728169	1.05149	1.05149
cg26234885	MEPCE	0.054813	0.0134565	0.16983	-5.88823	0.0416197	0.256388	-3.90034	0.376291	0.59091	-1.6923	0.320204	0.551476	-1.81331	0.0121084	0.163265	-6.12502
cg06479512	PNLDC1	0.0548134	0.24091	0.532844	-1.87672	0.0740315	2.77569	2.77569	0.302832	0.578511	-1.72858	0.334646	1.66565	1.66565	0.0422593	0.301304	-3.3189
cg16053064	KCNAB2;KCNAB2	0.0548136	0.168124	1.50252	1.50252	0.788595	0.928213	-1.07734	0.0528889	0.543426	-1.84018	0.751079	1.09222	1.09222	0.331738	1.31992	1.31992
cg18476176	CNTF;ZFP91-CNTF	0.0548141	0.0530485	0.188666	-5.30037	0.0686036	0.212998	-4.69488	0.332904	0.468707	-2.13353	0.207523	2.74099	2.74099	0.0164549	0.108204	-9.2418
cg21604244	VPS33B	0.0548143	0.0185482	0.19989	-5.00275	0.470322	0.660892	-1.51311	0.0955927	0.356158	-2.80774	0.261141	0.516412	-1.93644	0.572043	0.724709	-1.37986
cg19497734	GAB1;GAB1	0.0548154	0.213799	1.14054	1.14054	0.74949	0.968328	-1.03271	0.30644	0.899089	-1.11224	0.0186067	0.750795	-1.33192	0.0244614	1.30904	1.30904
cg12854762	KIAA1549;KIAA1549	0.0548158	0.850218	0.96917	-1.03181	0.00390034	1.90343	1.90343	0.288007	0.832995	-1.20049	0.846848	1.03255	1.03255	0.0387735	1.48646	1.48646
cg01778701	ATP10D	0.0548159	0.0242363	0.625892	-1.59772	0.157311	1.30185	1.30185	0.131701	1.32821	1.32821	0.419933	0.866116	-1.15458	0.82223	1.04003	1.04003
cg03650397	EZR;EZR;EZR	0.054816	0.25946	0.290656	-3.44049	0.228387	0.265045	-3.77294	0.147518	0.195484	-5.1155	0.0215215	0.0550204	-18.1751	0.00275121	0.0130426	-76.6717
cg12413365	LOH12CR1;LOH12CR2	0.0548173	0.133934	0.736446	-1.35787	0.42529	0.857193	-1.1666	0.0328309	0.623442	-1.604	0.00869395	0.531061	-1.88302	0.82869	1.04187	1.04187
cg27310031	ATP2C1;ATP2C1;ASTE1;ATP2C1	0.0548173	0.755709	0.930695	-1.07447	0.0328121	0.56291	-1.77648	0.0692973	0.626455	-1.59628	0.0946998	1.52606	1.52606	0.627685	1.11904	1.11904
cg19531032	AGAP1;AGAP1	0.0548183	0.0288929	0.410891	-2.43374	0.00462175	0.272254	-3.67303	0.116799	0.555291	-1.80086	0.974977	1.01089	1.01089	0.03219	0.42057	-2.37772
cg24629711	MUSTN1	0.0548184	0.204725	1.70322	1.70322	0.386622	0.702463	-1.42356	0.015515	3.25875	3.25875	0.257116	0.624596	-1.60103	0.144702	0.536125	-1.86524
cg20702913	KLF11	0.0548197	0.0302509	11.2968	11.2968	0.0710182	6.81706	6.81706	0.17752	3.91114	3.91114	0.179725	3.88092	3.88092	0.156564	0.236409	-4.22995
cg08703324	TP53BP1;TP53BP1;TP53BP1	0.0548204	0.189733	0.744955	-1.34236	0.140802	1.39907	1.39907	0.134915	1.40725	1.40725	0.103251	0.685389	-1.45902	0.0258901	0.570831	-1.75183
cg23264443	PLIN3;PLIN3;PLIN3	0.0548222	0.190499	0.732935	-1.36438	0.00630273	0.450513	-2.21969	0.849735	1.04342	1.04342	0.805599	1.05682	1.05682	0.016093	0.516803	-1.93497
cg08096946	DIRC2	0.0548225	0.155117	0.871444	-1.14752	0.236121	1.11883	1.11883	0.0180664	1.29658	1.29658	0.313154	1.09895	1.09895	0.612986	1.04721	1.04721
cg04891094	GGA1;GGA1;GGA1	0.0548232	0.165419	0.861608	-1.16062	0.0196614	1.32808	1.32808	0.0209303	1.32281	1.32281	0.154831	1.16568	1.16568	0.166424	0.861952	-1.16016
cg03345567	MED25;MED25	0.0548288	0.00536047	0.312425	-3.20076	0.250957	1.44241	1.44241	0.858574	1.0556	1.0556	0.138376	0.612932	-1.6315	0.197823	0.659398	-1.51653
cg13453520	SLC10A4	0.054831	0.296779	0.859836	-1.16301	0.0612651	0.744985	-1.34231	0.0355477	0.71063	-1.4072	0.963684	0.993664	-1.00638	0.00357755	0.57646	-1.73473
cg24309256	AZI2;AZI2;AZI2	0.0548317	0.114676	1.46528	1.46528	0.813398	1.05407	1.05407	0.205804	1.3461	1.3461	0.493822	0.85664	-1.16735	0.174453	0.724927	-1.37945
cg11414276	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0548339	0.0429086	0.555711	-1.7995	0.562772	1.15897	1.15897	0.59414	1.14523	1.14523	0.513264	0.846051	-1.18196	0.00243542	0.345134	-2.89743
cg17536465	MEGF10	0.0548346	0.0261335	0.37416	-2.67265	0.00751217	0.277587	-3.60248	0.118835	0.532259	-1.87878	0.610993	0.826061	-1.21056	0.0289014	0.383043	-2.61067
cg01566127	MACROD1	0.054837	0.156778	4.44705	4.44705	0.207138	3.70901	3.70901	0.167809	4.25652	4.25652	0.10352	5.77949	5.77949	0.104274	0.17381	-5.7534
cg17103081	GPR125	0.054837	0.884473	1.02874	1.02874	0.601568	0.902425	-1.10812	0.0129339	0.54811	-1.82445	0.141241	0.734666	-1.36116	0.894128	1.02629	1.02629
cg27489481	EIF4B	0.054838	0.533168	0.824676	-1.2126	0.590103	0.846971	-1.18068	0.383933	0.761354	-1.31345	0.395683	1.30429	1.30429	0.0773317	0.54896	-1.82163
cg05887405	OSGIN1;OSGIN1	0.0548381	0.0047863	0.295648	-3.3824	0.501759	0.801019	-1.24841	0.00699948	0.321425	-3.11114	0.657763	0.864941	-1.15615	0.0472231	0.477633	-2.09366
cg19063768	GINS1	0.0548383	0.883457	1.05142	1.05142	0.435254	1.31277	1.31277	0.882181	0.950565	-1.05201	0.0247466	0.400963	-2.494	0.979316	1.0089	1.0089
cg08403010	TBC1D10B	0.0548389	0.00261863	5.68699	5.68699	0.235105	1.6805	1.6805	0.836306	1.09014	1.09014	0.655545	0.829209	-1.20597	0.329287	0.657061	-1.52193
cg00706648	ABCC2	0.0548389	0.0913754	0.622176	-1.60726	0.0554466	0.574593	-1.74036	0.0250022	0.50627	-1.97523	0.290528	0.755799	-1.3231	0.0069631	0.410215	-2.43775
cg04741118	CDK17;CDK17	0.0548392	0.615194	0.842726	-1.18662	0.0432746	2.19209	2.19209	0.704938	1.13705	1.13705	0.0730763	1.96382	1.96382	0.0479616	0.466127	-2.14534
cg06503907	SYCP2L	0.0548408	0.0810456	37.0452	37.0452	0.397377	0.198255	-5.04401	0.0505912	64.0717	64.0717	0.927016	0.842753	-1.18659	0.475731	0.258141	-3.87385
cg09123307	ZNF12;ZNF12	0.0548424	0.0189917	1.46529	1.46529	0.46364	0.904524	-1.10555	0.167822	1.21866	1.21866	0.468028	0.905444	-1.10443	0.151621	0.813294	-1.22957
cg03667621	MICALL2	0.054844	0.265912	0.594538	-1.68198	0.538808	0.756454	-1.32196	0.11748	0.466449	-2.14385	0.654665	1.22377	1.22377	0.00502842	0.189307	-5.28242
cg20584841	HMHA1	0.0548473	0.376872	1.30572	1.30572	0.027498	2.15324	2.15324	0.438935	1.26141	1.26141	0.0391251	2.0184	2.0184	0.578424	0.847783	-1.17955
cg07057687	TRAF7	0.0548479	0.440919	0.908143	-1.10115	0.63951	0.943802	-1.05954	0.00900239	0.665529	-1.50256	0.931483	0.989512	-1.0106	0.209515	1.17605	1.17605
cg25926052	GRSF1;GRSF1	0.0548505	0.828435	1.02089	1.02089	0.00969495	0.732196	-1.36575	0.464278	1.07353	1.07353	0.7927	0.975224	-1.02541	0.0324513	1.26934	1.26934
cg13577075	ABCB9;ABCB9;ABCB9	0.054851	0.267779	1.45499	1.45499	0.0252405	2.37352	2.37352	0.0274583	2.33319	2.33319	0.401895	0.756773	-1.3214	0.191163	0.637891	-1.56767
cg02330507	DGKA;DGKA;DGKA;DGKA	0.0548548	0.144129	0.724854	-1.37959	0.0817438	0.673281	-1.48526	0.29655	0.80095	-1.24852	0.167958	1.35169	1.35169	0.56312	0.887023	-1.12737
cg08558733	SRGAP3;SRGAP3	0.054855	0.165667	1.74864	1.74864	0.00364836	4.42074	4.42074	0.0180885	2.95993	2.95993	0.153352	1.78227	1.78227	0.892164	1.05261	1.05261
cg24429831	RBM42	0.0548565	0.986554	0.994286	-1.00575	0.194846	1.59412	1.59412	0.503127	0.793677	-1.25996	0.0724885	0.505852	-1.97686	0.403783	0.747872	-1.33713
cg15556781	LRP5L;LRP5L;LRP5L	0.0548573	0.0615463	0.64117	-1.55965	0.0226421	0.562159	-1.77885	0.100706	0.684244	-1.46147	0.751162	0.935063	-1.06945	0.110561	0.69283	-1.44336
cg23079522	PPM1L	0.054859	0.182532	0.629466	-1.58865	0.610074	0.84511	-1.18328	0.0423985	0.465414	-2.14863	0.849841	0.939869	-1.06398	0.00353551	0.274217	-3.64675
cg22672790	GABRA6;GABRA6	0.0548593	0.00598471	0.103285	-9.68198	0.741536	1.23263	1.23263	0.796783	0.849532	-1.17712	0.0210252	0.173068	-5.77808	0.611062	0.723182	-1.38278
cg15412728	PCK2;PCK2	0.0548598	0.646618	1.07495	1.07495	0.228931	0.820631	-1.21857	0.131585	0.775031	-1.29027	0.0523848	0.707932	-1.41257	0.00487912	0.557549	-1.79356
cg19032951	IGF2BP2;IGF2BP2	0.05486	0.00413359	0.425559	-2.34985	0.996921	1.00086	1.00086	0.544811	0.872697	-1.14587	0.519921	1.15595	1.15595	0.424017	0.834095	-1.1989
cg01985852	CTU2;RNF166;CTU2	0.0548618	0.0118629	1.66389	1.66389	0.0966261	1.34401	1.34401	0.0959902	1.34492	1.34492	0.140817	1.29276	1.29276	0.262722	0.827557	-1.20838
cg04616145	GGT7	0.054863	0.991009	0.994781	-1.00525	0.706029	1.19239	1.19239	0.70387	0.837504	-1.19402	0.262003	1.72135	1.72135	0.192107	0.526692	-1.89864
cg04348201	DTX1	0.0548636	0.0174716	0.220346	-4.53832	0.335276	0.594812	-1.6812	0.340968	0.598666	-1.67038	0.524721	0.713897	-1.40076	0.173261	2.13319	2.13319
cg01213928	APEX1;APEX1;APEX1;OSGEP	0.054865	0.0393373	2.38551	2.38551	0.897851	0.954242	-1.04795	0.668404	1.17016	1.17016	?	?	?	0.0294883	0.392634	-2.5469
cg19107973	IPO11;IPO11;LRRC70	0.0548652	0.0448871	0.442913	-2.25778	0.251333	0.654435	-1.52803	0.779912	0.905651	-1.10418	0.791821	1.0981	1.0981	0.422156	1.33651	1.33651

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13895323	0.0921949	2.06518	2.06518	0.0169563	3.12478	3.12478	0.143208	1.85067	1.85067	0.140929	1.85819	1.85819	3.27277	7.93496	2.15514	1
cg01936091	0.212661	1.45234	1.45234	0.00114848	0.257	-3.89104	0.681983	1.12427	1.12427	0.537947	0.837527	-1.19399	3.27277	4.18959	1.1379	1
cg26393294	0.684194	0.87443	-1.1436	0.00274534	3.88135	3.88135	0.922408	1.03248	1.03248	0.437053	0.770941	-1.29712	3.27275	5.58071	1.51574	1
cg13408636	0.0638406	2.07949	2.07949	0.00746321	3.35572	3.35572	0.0197837	2.68862	2.68862	0.83032	1.07833	1.07833	3.27273	6.4018	1.73876	1
cg07465275	0.347624	0.766337	-1.30491	0.0523861	1.83515	1.83515	0.225341	0.704383	-1.41968	0.00793883	2.55171	2.55171	3.27273	3.92561	1.06622	1
cg24192933	0.0206677	0.437183	-2.28737	0.133519	0.618455	-1.61693	0.494406	1.22879	1.22879	0.810354	1.07399	1.07399	3.27271	4.56964	1.24114	1
cg07103329	0.250802	1.22356	1.22356	0.097443	1.35771	1.35771	0.744059	0.946404	-1.05663	0.526359	1.11399	1.11399	3.2727	1.46544	0.398026	1
cg21022364	0.0128439	1.60188	1.60188	0.0315122	1.46903	1.46903	0.325135	0.856466	-1.16759	0.536644	0.908998	-1.10011	3.27263	1.20528	0.327369	1
cg17170568	0.266643	0.830297	-1.20439	0.116614	0.760362	-1.31516	0.155514	1.27661	1.27661	0.724712	1.05846	1.05846	3.27259	1.33826	0.363494	1
cg01423563	0.667458	0.942393	-1.06113	0.0081259	0.628044	-1.59224	0.131648	1.25032	1.25032	0.204059	1.20201	1.20201	3.27257	0.976654	0.265277	1
cg23453437	0.993239	1.00089	1.00089	0.026496	0.759147	-1.31727	0.372471	1.10067	1.10067	0.0107039	1.3994	1.3994	3.27255	0.568789	0.154494	1
cg26945846	0.00337923	0.264324	-3.78324	0.0894151	1.86856	1.86856	0.905865	1.04028	1.04028	0.366449	0.733643	-1.36306	3.27255	5.77568	1.56879	1
cg24469729	0.0533076	0.282922	-3.53455	0.0101629	0.154994	-6.45184	0.11625	0.374668	-2.66903	0.388649	0.601618	-1.66219	3.27251	17.144	4.65671	1
cg24482389	0.522491	0.794749	-1.25826	0.0143708	2.91407	2.91407	0.44847	0.760497	-1.31493	0.719187	0.879881	-1.13652	3.2725	6.51086	1.76851	1
cg22910715	0.0108885	0.118831	-8.4153	?	?	?	?	?	?	?	?	?	4.20332	13.1366	3.75036	1
cg06276229	0.798087	0.913251	-1.09499	0.996866	0.998611	-1.00139	0.0534044	2.17425	2.17425	0.537997	0.801936	-1.24698	3.27243	6.49406	1.76398	1
cg06759781	0.971512	0.988315	-1.01182	0.541995	0.816128	-1.2253	0.00238286	0.248098	-4.03067	0.821621	0.928365	-1.07716	3.27238	5.61522	1.52528	1
cg10724491	0.0146991	0.667613	-1.49787	0.0140452	0.664999	-1.50376	0.521877	1.09126	1.09126	0.0551189	0.74635	-1.33985	3.27234	0.938106	0.254824	1
cg14465410	0.387374	0.901563	-1.10918	0.189104	1.1767	1.1767	0.229969	0.863026	-1.15871	0.899807	0.985376	-1.01484	3.27233	0.708946	0.192577	1
cg17132696	0.967068	0.982359	-1.01796	0.997092	1.00157	1.00157	0.0415	0.362958	-2.75514	0.0613321	0.402979	-2.48152	3.27225	9.63249	2.61661	1
cg24763243	0.245781	0.620811	-1.6108	0.0554228	2.34584	2.34584	0.257976	1.58973	1.58973	0.255826	1.59336	1.59336	3.27224	7.99294	2.17124	1
cg14243778	0.468143	0.879652	-1.13681	0.102437	0.733124	-1.36403	0.0146922	0.593494	-1.68494	0.128803	1.32994	1.32994	3.27224	1.56379	0.424797	1
cg13575925	0.0392341	0.100954	-9.90552	0.70766	0.696216	-1.43634	0.0264024	12.56	12.56	0.0163143	16.8214	16.8214	3.27222	47.8808	13.0067	1
cg15255390	0.738881	0.877169	-1.14003	0.484464	0.757044	-1.32093	0.0364774	2.59178	2.59178	0.0186652	3.05544	3.05544	3.27219	7.95361	2.1606	1
cg15103564	0.0816566	0.347805	-2.87517	0.117315	0.394147	-2.53712	0.448583	1.52601	1.52601	0.629726	0.766539	-1.30457	3.27218	15.5233	4.21691	1
cg13962943	0.0237299	1.35015	1.35015	0.195907	0.858909	-1.16427	0.215455	0.865032	-1.15603	0.712038	0.959608	-1.04209	3.27217	0.640895	0.1741	1
cg07160800	0.0166726	1.95923	1.95923	0.723141	1.08529	1.08529	0.293355	1.28509	1.28509	0.615549	1.12357	1.12357	3.27217	2.74406	0.745428	1
cg17074454	0.151911	0.887286	-1.12703	0.0809257	0.860044	-1.16273	0.116045	0.875405	-1.14233	0.773833	1.0227	1.0227	3.27212	0.314535	0.0854452	1
cg19967433	0.041688	0.705965	-1.4165	0.114798	0.775448	-1.28958	0.484014	0.8999	-1.11123	0.0941702	0.761176	-1.31376	3.27208	1.13964	0.309592	1
cg22848896	0.661737	0.884156	-1.13102	0.0392171	0.513113	-1.94889	0.0187169	2.21854	2.21854	0.103359	1.64578	1.64578	3.27207	4.05311	1.10107	1
cg11014463	0.396505	0.682966	-1.4642	0.0639961	0.40083	-2.49482	0.0539816	0.382636	-2.61345	0.558144	0.770986	-1.29704	3.27206	9.99483	2.7152	1
cg24685239	0.914331	0.959728	-1.04196	0.574298	1.2421	1.2421	0.00709388	3.77648	3.77648	0.806307	0.910431	-1.09838	3.27205	7.56135	2.05412	1
cg12043166	0.0324533	0.79646	-1.25556	0.0737654	1.19862	1.19862	0.466095	1.06974	1.06974	0.104164	0.850883	-1.17525	3.27204	0.428144	0.11631	1
cg09596975	0.724527	1.0669	1.0669	0.00317645	0.478305	-2.09072	0.788305	1.05049	1.05049	0.0451613	0.656625	-1.52294	3.272	1.73593	0.471593	1
cg22793871	0.116786	1.4747	1.4747	0.0624702	1.61281	1.61281	0.446265	0.837794	-1.19361	0.600228	1.12812	1.12812	3.27198	2.69303	0.731607	1
cg12980549	0.279665	0.491424	-2.0349	0.0199257	0.169294	-5.90687	0.15307	0.380139	-2.63062	0.242497	0.461527	-2.16672	3.27196	20.7073	5.62551	1
ch.2.1685112F	0.386054	0.628219	-1.5918	0.057206	0.324481	-3.08185	0.139205	0.434911	-2.29932	0.198928	0.491573	-2.03428	3.27196	14.1825	3.85295	1
cg20026524	0.110909	0.741843	-1.34799	0.422526	1.15126	1.15126	0.771587	0.951185	-1.05132	0.372562	1.17046	1.17046	3.27194	1.53186	0.416161	1
cg00207873	0.25482	1.20918	1.20918	0.133783	1.29478	1.29478	0.0662141	1.38983	1.38983	0.503957	0.897322	-1.11443	3.27193	1.32257	0.359303	1
cg02833172	0.209751	0.468681	-2.13365	0.0144195	0.177504	-5.63367	0.142431	0.404968	-2.46933	0.506271	0.67935	-1.47199	3.27193	17.0316	4.62699	1
cg19408535	0.015411	0.364995	-2.73976	0.49407	0.790231	-1.26545	0.225911	0.649788	-1.53896	0.818333	0.924967	-1.08112	3.27188	5.95567	1.61801	1
cg03522216	0.169651	1.18674	1.18674	0.102569	0.811346	-1.23252	0.105788	1.2297	1.2297	0.296179	0.880935	-1.13516	3.27185	0.709758	0.192825	1
cg07194374	0.110711	0.432304	-2.31319	0.00831059	0.196339	-5.09324	0.0831379	0.396252	-2.52365	0.105577	0.426072	-2.34702	3.27184	12.0655	3.27794	1
cg15522728	0.0445414	0.656189	-1.52395	0.0184247	0.593214	-1.68573	0.108027	0.725967	-1.37747	0.419989	1.16239	1.16239	3.27184	1.72841	0.469571	1
cg14562181	0.722717	0.862871	-1.15892	0.0551777	0.406596	-2.45944	0.428524	0.715623	-1.39738	0.287138	0.632834	-1.58019	3.27179	8.88041	2.41265	1
cg08082389	0.276032	0.770863	-1.29725	0.00303715	0.393462	-2.54154	0.118422	0.677507	-1.476	0.18032	0.721252	-1.38648	3.27178	2.73343	0.74263	1
cg13228642	0.121645	0.373528	-2.67717	0.115299	2.73135	2.73135	0.238371	0.484446	-2.06421	0.0460341	3.82584	3.82584	3.27177	17.8461	4.8485	1
cg02953927	0.860823	1.16537	1.16537	0.0122299	15.211	15.211	0.015533	13.3049	13.3049	0.0248235	10.2729	10.2729	3.27176	39.405	10.7057	1
cg07118376	0.683437	0.772422	-1.29463	0.00450621	0.092138	-10.8533	0.0327565	0.20736	-4.82254	0.179681	0.407563	-2.45361	3.27176	20.5555	5.58462	1
cg22513396	0.398495	0.76458	-1.30791	0.687201	0.881883	-1.13394	0.664288	0.873194	-1.14522	0.937185	1.02478	1.02478	3.27171	4.99649	1.35749	1
cg00287915	0.991245	1.00336	1.00336	0.564995	0.836919	-1.19486	0.941708	1.02263	1.02263	0.00572065	0.329948	-3.03078	3.2717	4.85311	1.31855	1
cg07393618	0.0885031	0.794406	-1.2588	0.298959	1.14094	1.14094	0.333153	0.884911	-1.13006	0.477942	0.915427	-1.09239	3.27169	0.777283	0.211181	1
cg02963283	0.238325	0.758618	-1.31819	0.853935	1.04208	1.04208	0.0333368	1.74417	1.74417	0.52937	1.15318	1.15318	3.27165	2.5923	0.704312	1
cg24151204	0.0541433	0.309784	-3.22806	0.0187645	0.217215	-4.60373	0.74863	0.841656	-1.18813	0.149812	0.436973	-2.28847	3.27163	14.8961	4.04721	1
cg26554505	0.48645	1.52369	1.52369	0.0804286	3.17352	3.17352	0.00335127	10.7753	10.7753	0.338181	0.555445	-1.80036	3.27155	18.3767	4.993	1
cg05673638	0.131426	1.31475	1.31475	0.00163013	0.468399	-2.13493	0.937473	1.01327	1.01327	0.530604	1.11265	1.11265	3.27154	1.46299	0.397499	1
cg25531679	0.0109066	1.84826	1.84826	0.73264	1.06813	1.06813	0.995811	1.00101	1.00101	0.626175	1.09895	1.09895	3.27151	1.91432	0.520131	1
cg17149655	0.464541	0.876997	-1.14025	0.0119798	0.575379	-1.73799	0.00664993	0.53742	-1.86074	0.566106	0.902786	-1.10768	3.27149	1.61081	0.43767	1
cg25755261	0.868558	1.02567	1.02567	0.260415	0.835602	-1.19674	0.933879	0.987384	-1.01278	0.0135124	1.59641	1.59641	3.27148	1.21294	0.329567	1
cg27570309	0.131396	2.28436	2.28436	0.616012	1.29236	1.29236	0.0073749	5.76214	5.76214	0.372464	1.5911	1.5911	3.27146	13.3296	3.62178	1
cg10991689	0.523926	0.877943	-1.13903	0.993195	0.998283	-1.00172	0.045996	1.58553	1.58553	0.145075	0.729499	-1.3708	3.27143	2.1047	0.571875	1
cg25167447	0.416571	0.722126	-1.3848	0.0885282	0.478654	-2.08919	0.506452	0.767734	-1.30253	0.883825	0.944281	-1.05901	3.27143	7.96594	2.16445	1
cg07414239	0.496351	0.795933	-1.25639	0.753015	1.10995	1.10995	0.201405	1.56181	1.56181	0.50504	1.25047	1.25047	3.27142	5.65808	1.53738	1
cg10899547	0.302026	0.397646	-2.5148	0.0406322	0.130184	-7.68144	0.0197499	11.3377	11.3377	0.0737735	0.179242	-5.57905	3.2714	38.5409	10.4721	1
cg07719599	0.226223	0.563161	-1.77569	0.0209613	0.285032	-3.50838	0.0753822	0.408796	-2.44621	0.115314	0.461336	-2.16762	3.27139	10.579	2.87449	1
cg07996345	0.645081	1.05063	1.05063	0.163263	0.853452	-1.17171	0.227203	1.14454	1.14454	0.18238	1.16266	1.16266	3.27136	0.587566	0.159652	1
cg12840248	0.0975094	0.282678	-3.53759	0.0135108	0.119506	-8.36779	0.0253979	0.157828	-6.33602	0.189722	0.380908	-2.62531	3.27135	25.0165	6.79747	1
cg16494397	0.0178143	1.54745	1.54745	0.198452	1.22873	1.22873	0.0859082	1.33329	1.33329	0.860877	0.973762	-1.02694	3.27132	1.19019	0.323401	1
cg03295083	0.859487	0.949953	-1.05268	0.0845386	0.575322	-1.73816	0.0327696	2.06206	2.06206	0.694909	1.12099	1.12099	3.27132	4.3497	1.18191	1
cg25426302	0.815749	1.09456	1.09456	0.934622	1.03227	1.03227	0.25581	0.631797	-1.58279	0.044186	2.44706	2.44706	3.27132	7.76326	2.10945	1
cg13871400	0.548832	1.45889	1.45889	0.629424	1.35353	1.35353	0.00947269	7.74337	7.74337	0.0155849	6.33742	6.33742	3.27126	20.0825	5.45696	1
cg17876758	0.36988	0.678908	-1.47295	0.0241282	0.322736	-3.09851	0.107977	0.478278	-2.09083	0.346384	0.665112	-1.50351	3.27125	9.16308	2.48986	1
cg18747420	0.22005	0.82621	-1.21035	0.110232	0.772823	-1.29396	0.82109	1.0341	1.0341	0.366033	0.871543	-1.14739	3.27124	1.13554	0.308557	1
cg08781584	0.216156	0.504166	-1.98347	0.0705914	0.345357	-2.89555	0.849244	1.10531	1.10531	0.0161277	0.212463	-4.7067	3.27123	14.3432	3.89746	1
cg19100935	0.527441	0.757066	-1.32089	0.0338787	0.340726	-2.93491	0.14162	1.9877	1.9877	0.995958	0.997801	-1.0022	3.27123	9.78891	2.65993	1
cg05549854	0.480139	1.05164	1.05164	0.318182	1.07506	1.07506	0.0104196	1.25389	1.25389	0.0491882	1.17058	1.17058	3.27115	0.254936	0.0692751	1
cg24569018	0.0530814	0.161063	-6.20876	0.135974	0.263222	-3.79908	0.133666	0.260825	-3.83399	0.14473	0.272174	-3.67412	3.27115	35.7561	9.71621	1
cg08948225	0.0114279	0.334722	-2.98755	0.712501	0.879875	-1.13652	0.15586	0.591565	-1.69043	0.159641	0.594769	-1.68132	3.27115	6.19373	1.68306	1
cg23709988	0.571269	1.13567	1.13567	0.0118907	0.497532	-2.00992	0.189623	1.36197	1.36197	0.278038	1.28507	1.28507	3.27114	2.56135	0.696013	1
cg14388488	0.0469037	1.97236	1.97236	0.200426	0.66776	-1.49754	0.0247574	2.22141	2.22141	0.727242	0.900721	-1.11022	3.27114	4.6191	1.25518	1
cg25951210	0.485399	0.537242	-1.86136	0.0124618	15.2576	15.2576	0.166079	3.64865	3.64865	0.509893	1.79656	1.79656	3.27109	39.7939	10.8136	1
cg11809094	0.585143	0.937558	-1.0666	0.881661	1.01758	1.01758	0.944844	1.00813	1.00813	0.615556	1.06101	1.06101	3.27106	0.708778	0.192605	1
cg01345354	0.322387	2.13366	2.13366	0.113554	3.58416	3.58416	0.398909	1.89699	1.89699	0.273492	2.32764	2.32764	3.27106	28.4738	7.73759	1
cg14792912	0.535776	1.2251	1.2251	0.0304999	0.439037	-2.27771	0.499254	0.800861	-1.24866	0.143488	0.601122	-1.66356	3.27101	5.43055	1.47574	1
cg10317162	0.0144916	0.648248	-1.54262	0.15049	1.24829	1.24829	0.0790676	0.755338	-1.32391	0.0782898	0.754667	-1.32509	3.27098	1.07281	0.291536	1
cg26234885	0.171746	0.430428	-2.32327	0.0352096	0.241394	-4.1426	0.120769	0.377206	-2.65107	0.028244	0.222909	-4.48614	3.27097	17.3927	4.7265	1
cg06479512	0.305383	1.72325	1.72325	0.00842652	0.178132	-5.61382	0.803594	1.1363	1.1363	0.575859	0.748396	-1.33619	3.27096	13.6213	3.70161	1
cg16053064	0.144976	1.54324	1.54324	0.00668501	0.377104	-2.65179	0.271821	1.3731	1.3731	0.453957	1.23545	1.23545	3.27095	3.98027	1.08165	1
cg18476176	0.406868	1.90352	1.90352	0.0181272	0.113374	-8.82033	0.905809	1.09396	1.09396	0.439102	0.549534	-1.81973	3.27094	29.8169	8.10285	1
cg21604244	0.134407	0.402437	-2.48486	0.00314702	0.102695	-9.73759	0.918044	0.943611	-1.05976	0.0500084	0.283565	-3.52653	3.27093	16.4734	4.47672	1
cg19497734	0.358925	1.0994	1.0994	0.067193	0.813765	-1.22886	0.440238	0.923972	-1.08228	0.235702	0.882636	-1.13297	3.27091	0.522836	0.142084	1
cg12854762	0.767952	0.95217	-1.05023	0.0434148	1.46926	1.46926	0.783136	0.955326	-1.04676	0.542652	1.10747	1.10747	3.2709	1.42147	0.386293	1
cg01778701	0.0549069	0.684053	-1.46188	0.0151562	0.594268	-1.68274	0.500548	0.887571	-1.12667	0.806027	0.957994	-1.04385	3.2709	1.57616	0.428331	1
cg03650397	0.116162	0.166402	-6.00955	?	?	?	0.451355	0.446644	-2.23892	0.376957	0.385872	-2.59153	3.31774	51.5272	15.5308	1
cg12413365	0.873316	0.970251	-1.03066	0.0145066	0.565534	-1.76824	0.498304	1.13895	1.13895	0.11622	0.72391	-1.38139	3.27087	1.85559	0.504273	1
cg27310031	0.848709	1.04493	1.04493	0.013855	2.0135	2.0135	0.781611	0.938046	-1.06605	0.243794	0.755288	-1.324	3.27087	2.74371	0.745629	1
cg19531032	0.337683	0.710893	-1.40668	0.593613	0.830318	-1.20436	0.111348	0.549497	-1.81984	0.583557	1.21062	1.21062	3.27084	6.17434	1.67795	1
cg24629711	0.686448	0.850872	-1.17526	0.026215	0.35014	-2.856	0.137522	1.88977	1.88977	0.920203	0.960909	-1.04068	3.27084	8.20334	2.22935	1
cg20702913	0.114478	5.12316	5.12316	0.0163135	16.3587	16.3587	0.0635493	7.28115	7.28115	0.0757379	6.56149	6.56149	3.27081	46.918	12.7506	1
cg08703324	0.153036	0.722983	-1.38316	0.039924	0.60447	-1.65434	0.23089	0.766127	-1.30527	0.392179	1.20421	1.20421	3.2708	2.32764	0.632572	1
cg23264443	0.0164728	0.518528	-1.92854	0.312976	0.791441	-1.26352	0.54219	0.870858	-1.14829	0.557344	0.875462	-1.14225	3.27076	2.60191	0.707118	1
cg08096946	0.126467	0.861123	-1.16127	0.052412	0.819141	-1.22079	0.15436	1.14785	1.14785	0.172828	1.1402	1.1402	3.27075	0.423729	0.115156	1
cg04891094	0.0711991	1.22495	1.22495	0.780414	0.972254	-1.02854	0.676517	1.04315	1.04315	0.684639	0.959723	-1.04197	3.27073	0.525095	0.142706	1
cg03345567	?	?	?	0.226229	0.678176	-1.47454	0.162524	1.57912	1.57912	0.514753	1.22239	1.22239	3.58563	4.54682	1.10956	1
cg13453520	0.0578053	0.741236	-1.3491	0.101567	0.778618	-1.28433	0.94232	1.01015	1.01015	0.996924	1.00054	1.00054	3.27055	1.00944	0.27435	1
cg24309256	0.349475	0.806965	-1.23921	0.0076619	0.466149	-2.14524	0.0333448	0.574764	-1.73984	0.273477	0.775861	-1.28889	3.27054	2.56866	0.698127	1
cg11414276	0.204281	0.713347	-1.40184	0.610894	1.13812	1.13812	0.291654	0.758897	-1.3177	0.147914	0.676103	-1.47906	3.27048	3.29312	0.89504	1
cg17536465	0.15352	0.565948	-1.76695	0.0269256	0.376776	-2.6541	0.0687761	0.468256	-2.13558	0.230034	0.625562	-1.59856	3.27047	7.18734	1.95347	1
cg01566127	0.865729	1.18145	1.18145	0.0879536	0.156386	-6.39444	0.0104245	23.9898	23.9898	0.350322	2.57847	2.57847	3.27041	50.2842	13.6671	1
cg17103081	0.544062	1.12712	1.12712	0.00821768	1.9327	1.9327	0.386077	0.841001	-1.18906	0.625001	0.908464	-1.10076	3.27041	1.96719	0.534677	1
cg27489481	0.861582	0.948095	-1.05475	0.00133923	0.240831	-4.15229	0.206918	0.665972	-1.50157	0.939374	1.0235	1.0235	3.27039	4.83117	1.31311	1
cg05887405	0.227529	0.662154	-1.51022	0.342741	0.727527	-1.37452	0.164914	0.617472	-1.61951	0.198451	0.642569	-1.55625	3.27039	5.48556	1.49097	1
cg19063768	0.71649	1.13278	1.13278	0.0338252	0.428649	-2.33291	0.855144	0.939438	-1.06447	0.00458598	0.275239	-3.63321	3.27038	6.05329	1.64528	1
cg08403010	0.523019	0.763365	-1.30999	0.186232	0.55735	-1.7942	0.214509	0.579785	-1.72478	0.438363	0.719118	-1.39059	3.27037	9.01256	2.44962	1
cg00706648	0.0820549	0.611551	-1.63519	0.0994258	0.630677	-1.5856	0.130743	0.659336	-1.51668	0.0227381	0.498623	-2.00553	3.27037	3.37439	0.917163	1
cg04741118	0.192976	0.628056	-1.59221	0.0311764	0.425822	-2.3484	0.262306	1.48379	1.48379	0.5177	0.80138	-1.24785	3.27036	5.90353	1.60459	1
cg06503907	0.851319	0.704417	-1.41961	0.046645	70.3977	70.3977	0.0053258	949.728	949.728	0.36756	5.63151	5.63151	3.27033	180.606	49.0896	1
cg09123307	0.284692	1.16125	1.16125	0.0149689	0.668693	-1.49546	0.339219	1.1417	1.1417	0.799798	1.03478	1.03478	3.27029	0.937286	0.254761	1
cg03667621	0.289459	0.610685	-1.63751	0.0395243	0.3437	-2.90952	0.0126334	0.248911	-4.0175	0.220427	0.561098	-1.78222	3.27025	10.4198	2.8322	1
cg20584841	0.477077	0.808422	-1.23698	0.0403104	0.498152	-2.00742	0.123966	0.612579	-1.63244	0.167411	1.54174	1.54174	3.27018	4.48199	1.21828	1
cg07057687	0.228152	1.16776	1.16776	0.0209166	1.40597	1.40597	0.191675	1.18467	1.18467	0.675253	0.949652	-1.05302	3.27016	0.778545	0.211623	1
cg25926052	0.449693	0.929254	-1.07613	0.266719	0.895634	-1.11653	0.453295	1.07548	1.07548	0.0543148	1.23121	1.23121	3.2701	0.469907	0.127732	1
cg13577075	0.504488	0.802506	-1.2461	0.679543	1.14446	1.14446	0.266482	1.45659	1.45659	0.0424252	0.468046	-2.13654	3.27009	5.46524	1.48558	1
cg02330507	0.0202262	0.563119	-1.77582	0.0838531	0.675487	-1.48041	0.120149	1.41304	1.41304	0.0467665	0.626961	-1.595	3.27	2.17807	0.592068	1
cg08558733	0.0457719	2.3763	2.3763	0.0787034	2.09193	2.09193	0.293218	1.51004	1.51004	0.230142	1.60943	1.60943	3.27	7.3991	2.01131	1
cg24429831	0.30756	0.698249	-1.43215	0.00220191	0.232335	-4.30413	0.970817	0.987637	-1.01252	0.397649	1.34247	1.34247	3.26996	5.98895	1.628	1
cg15556781	0.931726	0.982078	-1.01825	0.00312169	0.426131	-2.3467	0.39105	0.830712	-1.20379	0.142621	0.717067	-1.39457	3.26995	2.30669	0.627042	1
cg23079522	0.64928	1.16161	1.16161	0.675164	1.14787	1.14787	0.571338	0.829295	-1.20584	0.0240834	0.414665	-2.41159	3.26991	5.54456	1.50723	1
cg22672790	0.775817	1.19772	1.19772	0.014813	0.150373	-6.65014	0.327062	0.527639	-1.89524	0.27105	0.484758	-2.06288	3.2699	20.6799	5.62162	1
cg15412728	0.605112	1.08509	1.08509	0.452009	0.886952	-1.12746	0.0966725	1.33046	1.33046	0.427416	0.880854	-1.13526	3.26989	1.26948	0.345098	1
cg19032951	0.0376695	0.585286	-1.70856	0.43031	1.19584	1.19584	0.25984	1.29841	1.29841	0.230458	1.32248	1.32248	3.26988	2.55631	0.69491	1
cg01985852	0.110911	1.32515	1.32515	0.236425	1.22274	1.22274	0.011868	1.66382	1.66382	0.157293	1.27781	1.27781	3.26984	1.36068	0.369894	1
cg04616145	0.819753	0.899442	-1.1118	0.0019097	0.129845	-7.70147	0.838067	1.09968	1.09968	0.061752	0.376456	-2.65635	3.26982	11.1663	3.03552	1
cg04348201	0.159732	0.455903	-2.19345	0.00528428	0.146251	-6.83758	0.600954	1.31774	1.31774	0.247453	0.531405	-1.8818	3.2698	14.1561	3.84831	1
cg01213928	0.89187	1.05085	1.05085	0.103463	1.91447	1.91447	0.027773	0.387307	-2.58193	0.809781	0.915813	-1.09193	3.31658	6.2096	1.87229	1
cg19107973	0.061271	0.474254	-2.10857	0.0159361	0.351989	-2.841	0.103235	0.53233	-1.87853	0.0116595	0.327855	-3.05012	3.26976	6.48098	1.76186	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23531154	KIAA1217	0.0548665	0.0627106	0.672282	-1.48747	0.158917	0.75166	-1.33039	0.0310598	0.61885	-1.6159	0.084779	0.696698	-1.43534	0.0206405	0.589495	-1.69637	0.0759147	0.687632	-1.45427	0.33145	1.20923	1.20923	0.541091	1.12446	1.12446	0.0466494	0.649258	-1.54022	3.26973	1.86152	0.50606	1
cg08481464	C10orf11	0.0548682	0.0496542	7.40581	7.40581	0.0216526	11.7671	11.7671	0.0789162	5.72275	5.72275	0.0994476	5.02604	5.02604	0.0472792	7.61007	7.61007	0.0824437	5.58445	5.58445	0.0127758	15.8908	15.8908	0.0355165	8.92114	8.92114	0.066468	6.29781	6.29781	3.2697	41.3991	11.2546	1
cg03505148	AGAP2;AGAP2	0.0548723	0.100284	1.63772	1.63772	0.592993	0.862589	-1.1593	0.015928	2.24508	2.24508	0.0368756	1.94288	1.94288	0.346024	1.30458	1.30458	0.346597	0.766788	-1.30414	0.21067	0.69673	-1.43528	0.594622	0.863162	-1.15853	0.0390801	1.92376	1.92376	3.2696	3.88697	1.05673	1
cg05355411	SULF1;SULF1;SULF1;SULF1	0.0548725	0.0643417	0.478883	-2.08819	0.149359	1.72928	1.72928	0.0472113	0.447339	-2.23544	0.0267256	0.394563	-2.53445	0.756621	0.895713	-1.11643	0.0188787	0.365133	-2.73873	0.10866	0.537995	-1.85875	0.533328	1.25047	1.25047	0.492099	0.780998	-1.28041	3.2696	6.49915	1.76689	1
cg12449682	HRH2;HRH2;HRH2	0.0548743	0.0458678	0.441768	-2.26363	0.6587	0.853268	-1.17197	0.0937141	0.517893	-1.9309	0.680394	1.15935	1.15935	0.00295383	0.232983	-4.29215	0.776291	0.903303	-1.10705	0.0370142	0.421246	-2.37391	0.159486	0.584704	-1.71027	0.725126	0.881598	-1.1343	3.26956	6.59853	1.79393	1
cg11796910	ROCK2	0.0548755	0.0750556	0.628153	-1.59197	0.0163285	0.502249	-1.99104	0.020756	0.520493	-1.92126	0.0646538	0.614602	-1.62707	0.254418	0.756444	-1.32197	0.633619	1.11922	1.11922	0.18286	1.39311	1.39311	0.560692	1.14796	1.14796	0.237107	0.747874	-1.33712	3.26953	2.84881	0.774507	1
cg22225065	C1orf57	0.0548761	0.346267	1.12723	1.12723	0.308529	0.877976	-1.13898	0.425236	1.10577	1.10577	0.67302	1.05381	1.05381	0.951458	0.992511	-1.00755	0.871726	0.980245	-1.02015	0.00429151	0.623999	-1.60257	0.0525048	1.31288	1.31288	0.121731	0.81291	-1.23015	3.26951	0.789448	0.214629	1
cg01050920	SMPDL3A	0.0548774	0.0168875	4.75364	4.75364	0.102581	2.5997	2.5997	0.851845	0.904837	-1.10517	0.091989	2.69698	2.69698	0.768387	1.1711	1.1711	0.0173398	4.7111	4.7111	0.928658	0.953232	-1.04906	0.011825	5.37186	5.37186	0.135856	2.36231	2.36231	3.26948	14.8134	4.02738	1
cg23455778	KLHL18	0.054879	0.912092	1.02419	1.02419	0.232612	0.762719	-1.3111	0.112697	0.688222	-1.45302	0.0639084	0.637209	-1.56934	0.0891522	1.50029	1.50029	0.144457	0.71232	-1.40386	0.0447363	1.64642	1.64642	0.646126	0.904798	-1.10522	0.0351672	0.58803	-1.70059	3.26945	2.42475	0.659234	1
cg06784466	FPR3	0.0548803	0.0204047	0.218239	-4.58214	0.0273605	0.241289	-4.1444	0.260778	0.527914	-1.89425	0.25485	0.523339	-1.91081	0.0504005	0.296812	-3.36913	0.0595929	0.314122	-3.18347	0.0141857	0.19241	-5.19722	0.0216624	0.22277	-4.48893	0.447884	0.656198	-1.52393	3.26942	15.3609	4.17633	1
cg00258633	ARHGAP24;ARHGAP24	0.0548837	0.861812	1.0703	1.0703	0.054092	0.426323	-2.34564	0.319531	0.66955	-1.49354	0.977455	0.989041	-1.01108	0.216458	1.66066	1.66066	0.503365	0.767329	-1.30322	0.0021047	0.185145	-5.40118	0.799541	1.10432	1.10432	0.26187	0.633654	-1.57815	3.26934	7.87436	2.14093	1
cg21575929	ADRA1B	0.0548851	0.141212	0.717059	-1.39459	0.05203	1.59139	1.59139	0.180711	1.34818	1.34818	0.711826	0.924972	-1.08111	0.875386	0.967551	-1.03354	0.69804	0.921319	-1.0854	0.00733381	2.06794	2.06794	0.0361517	1.66889	1.66889	0.411578	1.19301	1.19301	3.26931	2.28773	0.622009	1
cg08276565	HCG18;TRIM39;TRIM39;HCG18	0.0548853	0.0198802	0.37306	-2.68053	0.742077	0.89062	-1.12281	0.0373457	0.428472	-2.33388	0.858498	1.0646	1.0646	0.013898	0.344394	-2.90365	0.216666	0.633829	-1.57771	0.516078	1.25981	1.25981	0.55979	1.22978	1.22978	0.0368018	0.427102	-2.34136	3.2693	6.37011	1.73197	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg19508416	CAPN2,CAPN2	0.0550858	0.083257	10.7027	0.139699	7.15505	0.074859	11.6199	0.159016	6.43127	0.337335	3.39746	0.33746	3.39746	0.109932	8.62286	0.6228	0.00558695	89.9793	89.9793	0.0219368	45.3607	0.0473981	16.5196	3.26654	79.0911	21.5222	1
cg12329405	HK1;HK1;HK1;HK1;HK1	0.0550092	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.063561	3.393	3.393	17.3428	8.5074	0.327029	1
cg11861731	DIRAS1	0.0550099	0.169344	0.667834	-1.49738	0.257376	1.38532	1.38532	0.185785	1.47235	1.47235	0.137206	1.55493	1.55493	0.0172601	0.449392	-2.22523		0.459574	1.24502	1.24502	0.212302	1.43657	1.43657	0.0367257	0.512138	-1.9536	0.6830B5	0.892985	-1.11984	1.26645	3.93353	1.07042	1
cg20550904	KLK10	0.055101	0.26911	1.48409	1.48409	0.00797851	0.31145	-1.21078	0.304597	0.694405	-1.44008	0.3186031	0.4249337	1.42417	0.42417	0.0397535	0.5362814	-1.86484	0.0995797	0.538391	-1.85739	0.1130097	0.553481	-1.80675	0.217524	1.56052	1.56052	0.5440B3	1.23386	1.23386	1.26644	0.08743	1.65656	1
cg05235540	PPP1R10	0.0550107	0.54466	0.733759	-1.36284	0.0995273	5.24911	5.24911	0.0210728	4.05853	4.05853	0.134183	2.26039	2.26039	0.0459465	0.675524	-1.48033		0.578154	1.32795	1.32795	0.0983746	0.400416	-2.4974	0.491649	1.42286	1.42286	0.6344S9	0.784178	1.78516	1.72986	0.75145	0.0966	1
cg04275490	GSK2	0.0550112	0.245612	4.59809	4.59809	0.145342	7.11506	7.11506	0.253087	4.47229	4.47229	0.92415	1.32693	1.32693	0.4987J9	0.4224	-2.36742		0.0474832	17.2008	17.2008	0.00363873	139.995	139.995	0.134756	7.56415	7.56415	0.0333172	22.6758	2.62568	1.26641	81.4636	22.1687	1
cg09553380	ADAM23	0.0550129	0.41912	0.885347	-1.1295	0.0208226	1.50735	1.50735	0.0327174	1.44568	1.44568	0.709924	0.946378	-1.05666	0.856646	0.973679	-1.02703		0.744256	0.952861	-1.04947	0.0261182	0.677502	-1.47601	0.164584	1.24449	1.24449	0.2449J8	1.19651	1.19651	1.26638	1.12564	0.306323	1
cg06837355	C1orf198;C1orf198	0.0550136	0.0992096	0.701481	-1.42592	0.774404	0.945167	-1.05804	0.175987	0.75379	-1.32663	0.182124	0.75737	-1.33036	0.715358	0.930209	-1.07503		0.257968	0.792976	-1.26107	0.00157239	0.403132	-2.47955	0.619979	1.61287	1.61287	0.5105S6	1.13993	1.13993	1.26636	1.9922	0.542145	1
cg04431652	USP2	0.0550138	0.285716	0.807288	-1.24566	0.136048	0.270417	0.727428	-1.37471	0.713945	0.930932	-1.07419	0.405678	0.844894	-1.18358	0.0780196	0.6784447	-1.47395	0.402092	0.843753	-1.18518	0.0104808	0.528266	-1.89299	0.0434642	1.58332	1.58332	0.0436195	0.631536	1.58344	1.26635	0.035275	1
cg03689386	CNR1;CNR1;CNR1;CNR1	0.0550146	0.0361438	0.34466	-2.90141	0.138041	0.497526	-2.00994	0.133228	2.03011	2.03011	0.201641	0.554637	-1.80298	0.0588985	0.393535	-2.54107		0.199667	0.553042	-1.80818	0.00794372	0.225859	-4.42754	0.115119	0.472884	-2.11468	0.555301	0.770431	-1.29798	0.26634	0.98859	2.69031	1
cg14305510	FIX1	0.0550153	0.00401636	0.19	5.26316	0.0178	0.745608	1.34119	0.153905	1.00008	1.00008	0.225198	0.0045501	0.577029	1.2324	0.0179	0.0056	179.211	0.360768	0.861293	-1.16105	0.122354	1.30487	0.766489	1.30487	0.766212	1.05685	0.94612	1.26632	1.33671	0.355604	1
cg05522034	CBLB;CBLB	0.055114	0.66719	0.878127	-1.13879	0.859969	0.948333	-1.05448	0.59044	1.1773	1.1773	0.0011887	0.239855	-4.16918	0.742966	0.90587	-1.10391		0.662553	0.873667	-1.14461	0.617771	0.857847	-1.16571	0.465959	1.24969	1.24969	0.231697	1.45769	1.45769	1.26632	1.66089	0.462352	1
cg27562474	NPAS1	0.055017	0.425861	1.13484	1.13484	0.11936	1.35248	1.35248	0.725581	1.06476	1.06476	0.0148124	1.71949	1.71949	0.0873455	0.685263	0.928967	-1.07646	0.162653	1.26367	1.26367	0.0195192	1.58155	1.58155	1.26367	0.791211	1.16516	1.16516	1.26632	1.11593	1.26628	1.5916	0.4603S2	1
cg01877391	METTL9;METTL9	0.0550173	0.563734	1.08409	1.08409	0.277484	1.16911	1.16911	0.219754	1.05032	1.05032	0.0586524	1.744166	-1.34379	0.0521575	1.35741	1.35741		0.0143803	1.51803	1.51803	0.0350057	1.40474	1.40474	0.318458	0.86706	-1.15332	0.8056O3	1.0347	1.0347	1.26627	0.9900664	0.269438	1
cg00488514	HPS4	0.0550194	0.0178679	0.293221	-3.41039	0.379767	0.681140	-1.46812	0.915169	1.04624	1.04624	0.26517	0.609645	-1.6403	0.0230601	0.314065	-3.18405		0.47996	0.736375	1.358	0.0052642	0.208442	-4.7975	0.107746	1.32062	1.32062	0.3993J3	0.692326	-1.44441	1.26623	9.39508	2.55683	1
cg08816443	LMF1	0.055021	0.0601666	0.124657	-8.0203	0.0529595	0.0270519	-36.9659	0.0403315	0.0976682	-2.10287	0.2492977	0.305485	-3.2628	0.0596397	0.129283	-7.73441		0.17725	0.244527	-4.08953	0.0155267	0.0541985	-18.4507	0.173237	0.24091	-4.15059	0.3079229	0.353965	-2.82514	1.26619	49.8863	15.7592	1
cg04630873	C10orf68	0.0550213	0.171638	0.753315	-1.32747	0.00687232	1.97638	1.97638	0.155844	0.744111	-1.34388	0.25491	0.793433	-1.26035	0.119268	0.795181	-1.3897		0.721332	0.932659	-1.0722	0.0921483	1.43456	1.43456	0.899207	0.975635	-1.02497	0.4924N9	0.873117	-1.14532	1.26618	1.96005	0.533425	1
cg02356708	PIK3R2	0.0550218	0.189806	0.55925	-1.78755	0.0965405	0.231752	-4.50955	0.0188508	0.808149	1.23708	0.3317402	0.764681	1.30851	-1.31742	0.764681	1.30851		0.684247	0.840064	-1.19009	0.070156	0.422525	-2.33909	0.0202954	0.334726	-2.98752	0.774634	1.33015	1.18016	1.26617	0.98441	0.55778	1
cg00935897	SDSL	0.0550259	0.0588809	0.330289	-3.32348	0.2830313	0.533743	-1.87956	0.0315085	0.180348	-5.54498	0.526576	0.696871	-1.43499	0.0215641	0.215124	-4.72761		0.630023	1.31415	1.31415	0.0398096	0.159653	-6.26358	0.13988	0.408999	-2.445	0.4617O9	0.655899	-1.52463	1.26616	16.3886	4.66018	1
cg20969543	PPAN-P2RY11;PPAN;SNORD105B	0.0550224	0.16004	0.58975	-1.69563	0.759116	0.89745	-1.11427	0.745633	0.891805	-1.12132	0.872342	0.945001	-1.0582	0.836119	0.929725	-1.07559		0.00106279	0.182275	-5.48621	0.328615	1.42576	1.42576	0.796333	1.09525	1.09525	0.6841G6	0.865999	-1.15474	1.26616	6.4015	1.74218	1
cg22188236	CYP11A1;CYP11A1 C20orf199;SNORD12C;C20orf199;C20o	0.0550249	0.440395	0.795201	1.25704	0.224914	0.0001	-6.44459	0.00721246	0.209311	1.34101	0.274397	0.400342	-1.5982	0.0135425	0.40372	-2.47655		0.136826	0.627026	-1.59483	0.0135425	0.400343	-2.47088	0.102006	0.5078	-1.96911	0.0394482	0.670488	-1.49145	1.2661	4.58795	1.41418	1
cg27103685	rf199;ZNF41	0.0550264	0.225519	0.812974	-1.23005	0.195886	1.34919	1.24919	0.1688	1.26936	1.26936	0.119922	0.759988	-1.31581	0.695674	1.06604	1.06604		0.207795	0.805685	-1.24118	0.332153	1.17675	1.17675	0.0435601	0.545865	1.45865	0.0124814	1.65804	1.65804	1.26607	1.36885	0.372544	1
cg18584364	MGC57346;MGC57346	0.0550272	0.146751	0.748852	-1.33538	0.807949	0.955785	-1.04626	0.423987	1.16374	1.16374	0.201394	1.28472	1.28472	0.905963	0.978294	-1.02219		0.0794561	1.4355	1.4355	0.00364456	0.481742	-2.0758	0.847537	0.964888	-1.03639	0.432303	1.16046	1.16046	1.26605	1.78375	0.485466	1
cg20382622	PROX2	0.055028	0.032954	0.245832	-4.06781	0.0983395	0.360652	-2.77275	0.111779	0.377475	-2.64918	0.8919961	1.07944	1.07944	0.0341761	0.25036	-3.99424		0.408987	0.6881	1.6081	0.0159583	0.190162	-5.25868	0.399068	1.62525	1.62525	0.0944207	0.355492	2.813	0.603268	16.3692	4.45508	1
cg25472589	ACAT1	0.0550288	0.740469	1.23005	1.23005	0.0229504	0.0270519	-36.9659	0.0403315	0.0976682	-2.10287	0.2492977	0.305485	-3.2628	0.0596397	0.129283	-7.73441		0.0850752	0.4788642	-2.08755	0.0156267	0.0541985	-18.4507	0.173237	0.24091	-4.15059	0.3079229	0.353965	-2.82514	1.26619	49.8863	15.7592	1
cg15575671	ILVBL	0.0550291	0.459513	0.878448	-1.13837	0.00321547	0.500603	-1.99759	0.0272345	0.637818	-1.56785	0.778975	0.952735	-1.04961	0.393467	1.16233	1.16233		0.268112	0.819956	-1.21958	0.58094	0.908513	-1.1007	0.460696	0.878759	-1.13797	0.2106J3	1.2548	1.2548	1.26601	1.5318	0.416901	1
cg20538756	EEF1G	0.0550299	0.28313	1.21153	1.21153	0.0147172	0.597788	-1.67288	0.123844	1.18948	1.18948	0.807427	1.04434	1.04434	1.0447874	0.0105066	0.6893387	-1.45056	0.212469	1.25236	1.25236	0.0440202	0.676251	-1.47874	0.0554666	0.689387	-1.45056	0.340097	1.1835	1.1835	1.18016	0.26617	0.943376	1
cg06273125	SIDT1	0.0550307	0.399139	1.38574	1.38574	0.628296	1.20247	1.20247	0.0214115	0.351783	-2.84267	0.970344	1.01415	1.01415	0.0103089	0.21513	-4.64836		0.635639	1.19768	1.19768	0.465648	1.32394	1.32394	0.724078	0.874629	-1.14334	0.6687J3	0.849862	-1.17666	1.26597	7.38835	2.01087	1
cg01904619	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP 2;TRAF3IP2	0.0550314	0.00832216	0.498966	-2.00414	0.0166895	0.547534	-1.82637	0.0199619	0.560502	-1.78412	0.34665	0.818926	-1.22111	0.0584386	0.643558	-1.55386		0.607557	0.898726	-1.11269	0.104524	0.693676	-1.4416	0.834758	1.044	1.044	0.606058	0.898319	-1.11319	1.26595	2.19775	0.598157	1
cg19390271	CNOT2	0.0550316	0.0721185	0.346936	-2.88238	0.276647	0.548832	-1.82205	0.166492	0.459006	-2.17862	0.270679	1.8319	1.8319	0.0209069	0.230601	-4.33649		0.176782	0.468657	-2.13375	0.00703271	0.158937	-6.2918	0.829313	0.892294	-1.12071	0.071754	0.346042	-2.88983	1.26595	14.4117	3.9224	1
cg18105335	ZNF260;ZNF260;ZNF260;ZNF260	0.055032	0.27844	1.54105	1.54105	0.0795476	0.720215	1.38925	0.0172756	0.786567	1.36636	0.025578	1.010102	1.010102	0.0132393	1.15404	1.15404		0.0090288	1.02707	1.02707	0.0266266	0.905053	1.10469	1.10469	1.12724	1.11974	0.806414	0.971585	1.02925	1.02925	0.931363	0.104101	1
cg11282657	TSPAN10	0.0550332	0.035439	15.8896	15.8896	0.0636952	10.5303	10.5303	0.252003	3.86285	3.86285	0.995772	1.006	1.006	0.998268	0.997552	-1.00245		0.420629	0.394885	-2.53238	0.743554	1.4488	1.4488	0.00702625	51.203	51.203	0.0227696	21.7168	21.7168	1.26591	65.9693	17.955	1
cg02401454	HBQ1;HBQ1	0.055035	?	?	?	0.0667316	0.161906	-6.17642	0.240382	0.336644	-2.9705	0.0882903	0.189041	-5.28987	0.931037	0.926201	-1.07968		0.859004	1.17057	1.17057	0.841319	0.83172	-1.20236	0.00628178	23.4114	23.4114	0.5115S1	1.80342	1.80342	1.26586	36.5848	11.0443	1
cg09037777	PKIB;PKIB	0.0550353	0.0416997	2.82846	2.82846	0.0161479	0.858178	0.654875	0.157984	1.53931	1.53931	0.0907795	0.779344	1.28317	0.0133075	1.26975	1.26975		0.378907	1.7377	1.7377	0.0419349	0.6472	0.6472	0.0525891	1.83532	1.83532	0.0261758	0.526677	0.526677	0.93792	1.26582	0.3742	1.27467	1
cg04418423	PI2D8	0.055039	0.488322	1.50166	1.50166	0.577982	1.38342	1.38342	0.98324	1.01221	1.01221	0.563576	0.713777	-1.40101	0.0127903	0.16764	-5.96518		0.711091	1.23968	1.23968	0.00583423	0.124345	-8.04214	0.313409	1.82601	1.82601	0.1995O3	0.45712	-2.18761	0.26578	17.2499	4.69514	1
cg03516372	LOC339524	0.0550403	0.469869	1.51768	1.51768	0.0838454	0.741556	1.41356	0.343186	0.80512	1.80512	0.965462	0.918383	-1.12838	0.335176	1.452	1.452		0.112311	1.1935	1.1935	0.0113859	0.34152	2.9282	0.0113859	1.96362	1.96362	0.0138209	0.49846	2.0058	0.498446	1.26582	1.9825	0.782288	1
cg01919250	EPB41L2;EPB41L2;EPB41L2	0.0550404	0.357909	1.30587	1.30587	0.340029	1.31991	1.31991	0.98227	0.993747	-1.00629	0.186276	0.67333	-1.48516	0.0109637	0.396886	-2.51962		0.0381425	1.97063	1.97063	0.695266	0.894829	-1.11753	0.123567	1.60132	1.60132	0.2279119	0.6996	-1.42939	1.26575	4.12102	1.12168	1
cg00313106	OBSCN	0.0550413	0.604787	0.820682	-1.2185	0.382799	1.40323	1.40323	0.86372	1.06719	1.06719	0.0922021	0.4958	-2.01694	0.0309259	0.216013	-4.62936		0.994573	0.997429	-1.00258	0.0460033	0.4208	-2.37643	0.0668097	0.459401	-2.17675	0.644255	0.838614	-1.19244	1.26572	7.4106	2.01707	1
cg07529210	KDM2B;KDM2B	0.0550419	0.565964	1.78501	1.78501	0.0748861	1.34745	1.34745	0.0210351	1.38052	1.38052	0.0965462	0.718168	1.39253	0.0133178	1.452	1.452		0.0506072	2.46971	2.46971	0.0154602	0.737693	-1.35574	0.161856	2.53573	2.53573	0.0139774	0.54302	1.8415	1.8415	1.26569	1.88844	0.413376	1
cg02664228	ALG10B	0.055043	0.0555084	0.505772	-1.97718	0.775661	0.947933	-1.05493	0.117761	1.37509	1.37509	0.203497	0.777871	-1.28556	0.986804	0.99691	1.0031		0.224172	0.78744	-1.26994	0.102068	0.751421	-1.33078	0.143502	0.831039	-1.20331	0.1144752	1.37849	1.37849	1.26568	1.81147	0.493066	1
cg06432655	CLIP3	0.0550449	0.197387	1.54105	1.54105	0.0595457	1.32495	1.32495	0.0172756	1.19437	1.19437	0.0894188	0.711447	1.40544	0.0109648	1.40544	1.40544		0.0877015	1.42326	1.42326	0.0468192	0.656504	-1.52331	0.365358	1.80715	1.80715	0.0254624	0.553603	1.80715	1.80715	1.26567	1.62124	0.491545	1
cg16739096	ERN1	0.055045	0.750711	0.885825	-1.12889	0.835856	0.924117	-1.08211	0.0713268	0.464815	-2.1514	0.614488	0.824336	-1.2131	0.0125724	0.307124	-3.25602		0.00458469	0.237997	-4.20174	0.250277	0.633199	-1.57928	0.435003	1.35387	1.35387	0.1659J1	0.570077	-1.75415	1.26564	7.4828	2.03678	1
cg05292910	KDM2B;KDM2B	0.0550459	0.0912158	0.56064	1.78501	0.0748861	1.6092	1.6092	0.0210351	1.96809	1.96809	0.0965462	1.55409	1.55409	0.0133178	1.90857	1.90857		0.052705	2.46971	2.46971	0.0154602	0.737693	-1.35574	0.161856	2.53573	2.53573	0.0139774	0.54302	1.8415	1.8415	1.26569	1.88844	0.413376	1
cg20666428	AGL10B	0.0550431	0.0555084	0.505772	-1.97718	0.775661	0.947933	-1.05493	0.117761	1.37509	1.37509	0.203497	0.777871	-1.28556	0.986804	0.99691	1.0031		0.224172	0.78744	-1.26994	0.102068	0.751421	-1.33078	0.143502	0.831039	-1.20331	0.1144752	1.37849	1.37849	1.26568	1.81147	0.493066	1
cg06432655	CLIP3	0.0550449	0.197387	1.54105	1.54105	0.0595457	1.32495	1.32495	0.0172756	1.19437	1.19437	0.0894188	0.711447	1.40544	0.0109648	1.40544	1.40544		0.0877015	1.42326	1.42326	0.0468192	0.656504	-1.52331	0.365358	1.80715	1.80715	0.0254624	0.553603	1.80715	1.80715	1.26567	1.62124	0.491545	1
cg16739096	ERN1	0.055045	0.750711	0.885825	-1.12889	0.835856	0.924117	-1.08211	0.0713268	0.464815	-2.1514	0.614488	0.824336	-1.2131	0.0125724	0.307124	-3.25602		0.00458469	0.237997	-4.20174	0.250277	0.633199	-1.57928	0.435003	1.35387	1.35387	0.1659J1	0.570077	-1.75415	1.26564	7.4828	2.03678	1
cg09091424	ANKRD13D;ANKRD13D	0.055045	0.0912158	0.56064	1.55404	0.0755755	1.6092	1.6092	0.0210351	1.96809	1.96809	0.0965462	1.55409	1.55409	0.0133178	1.90857	1.90857		0.052705	2.46971	2.46971	0.0154602	0.737693	-1.35574	0.161856	2.53573	2.53573	0.0139774	0.54302	1.8415	1.8415	1.26569	1.88844	0.413376	1
cg05676046	SPATS2	0.0550455	0.161828	0.708572	-1.41128	0.63432	0.689962	1.45394	0.0210351	0.540552	-1.68506	0.2196828	0.742569	-1.3468	0.0042107	0.24936	-4.04783		0.0003506	0.342115	-2.92345	0.0013196	0.0211059	0.502854	-1.98865	0.35663	2.75073	0.748734	1
cg09685250	ATP4B	0.0550469	0.102684	0.448158	-2.23135	0.0149776	0.260673	-3.81622	0.00779761	0.215376	-4.64297	0.344178	0.645341	-1.54957	0.022113	0.291304	-3.43284		0.115505	0.463439	-2.15778	0.15419	0.503778	-1.985	0.0499663	0.366112	-2.73141	0.207228	0.550004	-1.81817	1.2656	10.4493	2.84428	1
cg03628266	HSPA1L	0.0550473	0.466334	1.87501	1.87501	0.0779477	1.73017	1.73017	0.0210351	1.72954	1.72954	0.0965462	1.27574	1.27574	0.663425	1.07552	1.07552	0.0134776	0.0129763	0.59632	1.67727	0.0284747	1.54147	1.54147	0.866974	0.972512	-1.02826	0.128566	0.761013	1.34104	0.389151	1
cg13195486	RRP15	0.0550522	0.177472	0.374793	-2.66814	0.636088	1.38593	1.38593	0.769677	1.22267	1.22267	0.625694	0.714184	-1.4002	0.0116724	0.115556	-8.65382		0.149579	0.347166	-2.87949	0.0155999	0.123626	-8.08894	0.0191389	0.143511	-6.96808	0.15296	0.350634	-2.85198	1.26548	24.2481	6.60054	1
cg25127439	BRSK2	0.0550524	0.940764	0.973332	-1.0274	0.0595457	2.19788	2.19788	0.0452608	2.30872	2.30872	0.131458	1.80805	1.80805	0.175426	0.592112	-1.68887		0.261783	1.53052	1.53052	0.0670402	2.10983	2.10983	0.00745003	3.50723	3.50723	0.746123	1.12541	1.12541	1.26547	6.84134	1.86227	1
cg25565908	ANKRD27;RGS9BP	0.0550525	0.894758	0.982559	-1.01779	0.766122	1.04045	1.04045	0.0452608	1.2087	1.2087	0.0486645	1.3681	1.3681	0.0115472	1.26862	1.26862		0.2270289	1.83363	1.83363	0.00507186	0.511075	-1.63646	0.0990761	1.60054	1.60054	0.152324	1.2261	1.2261	1.26547	0.91404	0.24881	1
cg21064579	FUT2;FUT2	0.0550527	0.754252	0.945311	-1.05785	0.838932	0.964206	-1.03712	0.0112638	0.566324	-1.76577	0.119848	0.739165	-1.35288	0.0135418	0.918017	-1.0893		0.244785	0.804196	-1.24348	0.0175565	1.69879	1.6087	0.123185	0.741489	-1.34864	0.3030S4	0.826079	-1.21054	1.26546	1.65893	0.451576	1
cg23517752	CACNA2D4	0.0550534	0.272052	1.54105	1.54105	0.0595457	1.32495	1.32495	0.0172756	1.19437	1.19437	0.0894188	0.711447	1.40544	0.0109648	1.40544	1.40544		0.0877015	1.42326	1.42326	0.0468192	0.656504	-1.52331	0.365358	1.80715	1.80715	0.0254624	0.553603	1.80715	1.80715	1.26567	1.62124	0.491545	1
cg02152982	KDM3A;KDM3A	0.0550535	0.719539	0.893661	-1.11899	0.953158	1.01849	1.01849	0.56644	0.83071	-1.20379	0.008808802	0.353466	-2.82913	0.667167	1.14442	1.14442		0.0474066	2.02832	2.02832	0.529859	0.8200J3	-1.21949	0.0587023	1.94609	1.94609	0.1065A5	1.73235	1.73235	1.26545	5.02798	1.36867	1
cg24036791	GAUST4	0.0550541	0.481987	0.605653	-1.65111	0.35329	0.511627	-1.95455	0.0324555	0.172597	-5.79384	0.279743	0.454542	-2.20002	0.707767	0.767799	-1.30242		0.938603	1.05554	1.05554	0.0016594	0.0425221	-23.5172	0.998195	0.998414	-1.00159	0.0925128	0.272788	-3.66585	0.262451	25.4629	6.9313	1
cg16770697	JAKMIP3	0.0550552	0.841811	0.930725	-1.07443	0.848472	1.07114	1.07114	0.346678	0.705985	-1.41645	0.886531	1.05264	1.05264	0.0168955	0.20493	-4.87971		0.109583	1.53434	1.87149	0.591366	0.823077	-1.21495	0.155443	1.72654	1.72654	0.565247	1.23227	1.23227	1.26541	6.67541	1.81714	1
cg02836519	CG87	0.0550555	0.893792	1.02526	1.02526	0.132881	0.738773	-1.35359	0.0503875	0.659388	-1.51656	0.0247863	0.607153	-1.64703	0.0415604	0.644825	-1.55081		0.96398	1.00847	1.00847	0.00957335	0.541951	-1.84518	0.0726739	0.688038	-1.45341	0.732588	1.06614	1.06614	1.2654	1.80314	0.490839	1
cg25771189	LYPD1;LYPD1;LYPD1	0.055056	0.275899	0.605653	-1.65111	0.11546	0.511627	-1.24341	0.0324555	0.172597	-5.79384	0.279743	0.454542	-2.20002	0.707767	0.767799	-1.30242		0.207073	1.32931	1.32931	0.0216442	0.717168	-1.40527	0.821368	1.02921	1.02921	0.6041G9	0.935588	1.06885	1.06885	1.26539	0.828161	1
cg12311815	GPR39;LYPD1;LYPD1 BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;B DNF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.0550559	0.0617156	2.0461	2.0461	0.0917704	1.87631	1.87631	0.0512886	2.13058	2.13058	0.0768824	1.95029	1.95029	0.0927144	1.87211	1.87211		0.28578	1.45116	1.45116	0.0109053	3.08144	3.08144	0.0129035	2.9075	2.9075	?	3.57943	0.50112	1.34476	1
cg09606766	NF;BDNF;BDNF	0.0550564	0.504876	0.884444	-1.13065	0.00545474	1.94129	1.94129	0.0587784	1.47311	1.47311	0.163768	0.625622	1.59862	0.845662	-1.18251			0.735248	0.940266	-1.06353	0.124966	0.739726	-1.35174	0.108838	1.37349	1.37349	0.297268	1.21665	1.21665	1.26538	1.70316	0.463627	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg25753345	ZNF702	0.0555129	0.926042	0.080195	-1.02021	0.885283	0.969375	-1.03159	0.692149	1.08952	1.08952	0.0201488	0.546707	-1.82013	0.0574967	0.629483	-1.5886	0.0123664	0.511209	-1.95615	0.0225821	-1.5886	0.376113	1.21616	0.360969	0.820071	-1.21941	1.26372	2.39944	0.653499	1
cg08728796	FAM38A	0.0555194	0.00565143	0.258165	-3.8735	0.476857	1.27666	1.27666	0.784867	1.09629	1.09629	0.143167	0.581461	-1.71987	0.891232	0.955104	-1.04701	0.0902738	0.52232	-1.91453	?	?	?	?	?	?	4.09384	4.63819	1.13297	1
cg26889408	ZDHHC18	0.0555295	0.50007	1.30922	1.30922	0.0218213	0.338474	-2.95444	0.0393398	0.991285	-2.55569	0.574244	1.25035	1.25035	0.260278	0.629921	-1.5875	0.0280822	0.360233	-2.77598	0.755361	1.13091	1.13091	0.0749672	2.18264	2.18264	0.7800556	1.11648	1.11648	3.26371	8.00753	2.18085	1
cg08345301	ZFP62	0.0555298	0.0262043	0.55632	-1.79753	0.125723	0.671036	-1.49023	0.664941	1.500403	-1.11061	0.0204741	0.510511	-1.95882	0.00603964	0.421605	-2.37144	0.7444123	0.924263	-1.08124	0.0233087	0.521921	-1.9161	0.320144	0.780882	-1.2806	0.323632	0.782362	-1.27818	1.2637	2.99628	0.816055	1
cg25389791	UNC5A	0.0555299	0.298656	1.31444	1.31444	0.0167539	0.476628	-2.09807	0.10048	0.633388	-1.57881	0.582283	0.681945	-1.46639	0.00406109	0.375654	-2.66202	0.713614	0.910689	-1.09807	0.702763	0.902727	-1.1022	0.281994	0.752948	-1.32811	0.297558	0.760271	-1.31532	1.2637	3.32963	0.906846	1
cg20440891	CREB5	0.0555311	0.395674	0.690519	-1.44819	0.0211124	3.25627	3.25627	0.580686	1.2681	1.2681	0.489366	1.35173	1.35173	0.737638	0.866647	-1.15387	0.048522	2.6102	2.6102	0.465734	0.726044	-1.37166	0.00703293	0.407378	0.430785	0.202955	2.00295	2.00295	3.26367	9.36775	2.55139	1
cg03162396	SAP30	0.0555313	0.0854096	1.1864	1.1864	0.559148	1.05453	1.05453	0.220302	1.12282	1.12282	0.764706	1.02735	1.02735	0.987018	0.998539	-1.00146	0.6854091	0.964055	-1.03729	0.0865286	0.8435051	-1.18553	0.136251	0.8655627	-1.15523	0.00533119	0.718945	-1.39093	1.26367	0.417635	0.113747	1
cg00343240	YWHAE;YWHAE	0.0555315	0.499354	1.06726	1.06726	0.337287	0.9115564	-1.02846	0.00370261	0.722503	-1.38408	0.724188	0.960327	-1.0342	0.261242	1.11765	1.11765	0.923459	1.00916	1.00916	0.955511	1.00531	1.00531	0.0382708	0.790301	-1.25596	0.052293	1.2331	1.2331	3.26366	0.465807	0.126867	1
cg05473447	C8orf37	0.0555315	0.846674	1.01996	1.01996	0.823038	1.02313	1.02313	0.0107691	1.38782	1.3869	0.567548	0.942718	-1.06076	0.0137361	1.1326	1.1326	0.0140366	0.733739	-1.36288	0.818371	1.02376	1.02376	0.0266366	0.538687	0.146716	1
cg01243658	MRK23	0.0555329	0.3040883	1.14802	1.14802	0.0381433	1.36569	1.36569	0.94815	1.00847	1.00847	0.00686303	1.57459	1.57459	0.171534	1.20777	1.20777	0.846421	1.02547	1.02547	0.100915	1.26237	1.26237	0.140024	0.813907	-1.22864	0.296625	0.869875	-1.14959	0.32663	0.869317	0.236769	1
cg04517429	DCHS2;DCHS2	0.0555336	0.464685	0.470972	-2.12402	0.124022	0.0697766	0.0697766	0.0183381	2.0022	2.0022	0.235808	1.56962	1.56962	0.939547	1.15455	0.0264695	0.884898	-2.59809	0.0506379	0.782651	-1.47771	0.151141	1.74756	0.0401913	2.3637	2.3637	0.0015758	0.956097	-1.04592	0.32661	0.836435	0.8538	1
cg11778976	OSCP1;OSCP1	0.0555337	0.147744	2.14022	2.14022	0.203718	0.518272	-1.92949	0.994386	1.000345	1.000345	0.911575	0.105593	0.213616	1.89954	1.89954	0.0133475	0.145685	-2.1897	0.0037104	0.146496	-6.82613	0.149493	0.667532	-1.49806	0.323379	0.64828	1.64828	0.32661	12.4073	3.37929	1
cg05068623	CNNM3;CNNM3	0.0555341	0.209518	1.30574	1.30574	0.0455579	1.58796	1.58796	0.13202	1.43698	1.43698	0.665991	1.00154	1.00154	0.0156596	0.63973	-1.56316	0.0658207	0.206545	-4.84157	0.00594973	0.072342	-13.8232	0.0808738	0.227855	-4.38975	0.0624867	0.201502	-4.96272	1.26358	30.1769	8.21916	1
cg26866325	PPIP1L2	0.0555345	0.0843359	0.371921	-2.68874	0.224188	1.93761	1.93761	0.441116	0.66569	-1.5022	0.00861892	0.57023	5.67023	0.198293	0.49445	-2.02245	0.141053	0.440403	-2.27065	0.225274	0.516079	-1.93431	0.0919982	0.888625	-1.12533	0.207139	1.99203	1.99203	3.26355	13.8708	3.77797	1
cg24281023	CAIM4	0.0555364	0.923392	1.08163	1.03618	0.240142	1.57527	1.57527	0.0000768	2.62636	2.62636	0.180382	1.69146	1.69146	0.672737	1.1009	1.1009	0.763413	0.89485	-1.11751	0.302366	1.48405	1.48405	0.258227	1.54634	1.54634	0.00638303	0.269437	3.71545	0.92353	1.92193	1
cg00215019	C10orf72;C10orf72	0.0555385	0.501523	1.1916	1.1916	0.0563591	0.573935	-1.74236	0.19353	0.702197	-1.4241	0.639917	1.12871	1.12871	0.00596135	0.396453	-2.52237	0.728494	1.09368	1.09368	0.73257	0.915632	-1.09214	0.0533005	1.75794	1.75794	0.66789	1.1173	1.1173	3.2635	3.41305	0.929623	1
cg24221919	PTPN92;PTPN2;PTPN2	0.0555391	0.10313	0.709097	-1.92309	0.318691	0.685323	-1.45936	0.1024722	0.5519225	-1.92595	0.00955509	0.300063	-3.33263	0.494526	0.794447	-1.33968	0.0207588	0.360209	-2.77617	0.0172888	0.3465892	-2.89277	0.0424628	0.424477	-2.35584	0.0857139	0.498259	-2.00699	0.26349	6.95345	1.88394	1
cg16388674	KIAA1751	0.0555408	0.6083113	0.647746	-1.54358	0.225751	0.767645	-1.30269	0.0710604	0.6514066	-1.53514	0.1566633	0.36814	1.36814	0.109802	0.6903369	1.4485	0.1509449	0.729069	-1.38702	0.3521144	1.22573	1.22573	0.0240162	1.7722	1.7722	0.7927796	0.945579	-1.05755	0.26347	2.33523	0.6360559	1
cg05631194	PSORS1C3 WRAP53;TP53;WRAP53;TP53;WRAP53; TP53	0.0551405	0.687607	0.77176	-1.29574	0.0706851	0.274017	-3.64941	0.0314048	0.198319	-5.04238	0.951599	0.10967	0.10967	0.12497	0.344911	-2.8993	0.24842	0.461478	-2.16695	0.00400392	0.0838413	-11.9273	0.395444	1.74685	1.74685	0.116668	0.335351	-2.98195	0.26346	21.2327	5.78329	1
cg26339663	TP53;TP53;WRAP53 NUMA1;LRTOMT;LRTOMT;LRTOMT;LR TOMT;LRTOMT;LRTOMT	0.0551414	0.9363445	1.01263	1.01263	0.207774	1.23218	1.23218	0.468735	1.12285	0.9505666	1.00979	1.00979	0.35638	0.861603	-1.16063	0.0167237	0.631844	-1.58267	0.0408206	0.55531	-1.8008	0.294728	0.842975	-1.18628	0.329938	0.852632	-1.17284	1.26344	1.27703	0.347834	1
cg06854487	ZNF717	0.0551442	0.104649	0.657351	-1.52126	0.378934	0.807736	-1.23803	0.0568426	1.66503	1.66503	0.29686	0.774269	-1.29154	0.129029	0.678409	-1.47404	0.5836383	1.13986	1.13986	0.00756007	0.443599	-2.25429	0.0949925	0.64792	-1.5434	0.225331	0.739921	-1.3515	1.26342	2.89189	0.787691	1
cg23023844	TTLL8	0.0551427	0.039024	1.120909	0.7	0.883283	0.189573	-5.275	0.0617224	0.162952	-6.13677	0.105656	0.209473	-4.77388	0.0248547	0.0942603	-10.6089	0.0683716	0.164548	-6.07724	0.0206525	0.0850293	-11.7607	0.0341318	0.112318	-8.90326	0.0273512	0.0993942	-10.0609	0.26341	40.4218	11.0101	1
cg17282910	LYSMD3	0.0551438	0.86958	1.03151	1.03151	0.0400427	1.59727	1.59727	0.0000768	2.63236	2.63236	0.180382	1.69146	1.69146	0.672737	1.1009	1.1009	0.763413	0.89485	-1.11751	0.302366	1.48405	1.48405	0.258227	1.54634	1.54634	0.00638303	0.269437	3.71545	0.92353	1.92193	1
cg18175263	SBF1	0.0551446	0.240483	1.18202	1.18202	0.0675615	1.32138	1.32138	0.0985999	1.27949	1.27949	0.381874	1.1298	1.1298	0.89811	0.982719	-1.01759	0.0132671	0.518333	0.51833	0.00332169	1.72294	1.72294	0.573547	1.08046	1.08046	0.492916	1.09339	1.09339	0.263636	0.957001	0.260675	1
cg17543835	RPL6;RPL6	0.0555452	0.420905	1.13189	1.13189	0.267948	0.930063	-1.08473	0.0183837	1.53572	1.53572	0.591992	1.10403	1.10403	0.350804	0.865329	-1.15572	0.0104613	1.5731	1.5731	0.350804	0.635709	-1.57317	0.0440688	0.703131	-1.42197	0.0370911	0.703131	-1.42197	0.263554	1.17327	0.195842	1
cg16732939	PLAG1;PLAG1;PLAG1	0.0551468	0.0538889	0.31589	-3.16566	0.0589226	0.149986	-6.66728	0.0524498	0.313106	-3.1938	0.295199	0.56462	-1.7711	0.0707224	0.382866	-2.61188	0.047566	0.30326	-3.2975	0.0391132	0.2384461	-3.55141	0.0263201	0.228808	0.12808	0.0009763	0.633371	1.57885	0.263331	14.329	3.90306	1
cg00949386	WNT7B	0.0551489	0.175361	0.659568	-1.51614	0.442341	0.797548	-1.25384	0.717959	0.900554	-1.11043	0.345591	0.755396	-1.32381	0.0105704	0.39506	-2.53126	0.0389538	0.501466	-1.99415	0.0269306	2.13119	2.13119	0.707606	0.896902	-1.11495	0.20445	0.679291	-1.47212	0.26326	4.33004	1.17402	1
cg02319549	TYK2	0.0551503	0.230005	1.12682	1.12682	0.0031748	0.3728	-2.11998	0.549314	1.10334	1.10334	0.420787	1.14078	1.14078	0.0139241	1.16746	1.16746	0.05044	1.43608	1.43608	0.0860641	1.39358	1.39358	0.0279935	1.2	1.2	0.115389	1.32027	1.32027	0.263517	0.370928	1	1
cg25947408	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0551531	0.140134	0.669441	-1.49378	0.130911	0.662069	-1.51042	0.0050133	0.391126	-2.55672	0.112678	0.646237	-1.54742	0.0065248	0.409107	-2.44435	0.194225	0.70663	-1.41517	0.120959	0.653656	-1.52986	0.381088	0.796805	-1.25501	0.628679	0.884083	-1.13112	0.26317	3.30375	0.899945	1
cg01251255	NSUN5;NSUN5;NSUN5;NSUN5	0.0551532	0.53169	1.32983	1.32983	0.607803	0.792232	-1.26226	0.412587	0.685964	-1.4578	0.182513	1.88997	1.88997	0.619528	0.798343	-1.25259	0.00131497	0.122003	-8.19655	0.98926	1.00608	1.00608	0.703523	1.18773	1.18773	0.840723	1.09476	1.09476	0.26317	10.4633	2.8502	1
cg01929770	PTPN11	0.0551539	0.799223	1.10741	1.10741	0.549439	1.27429	1.27429	0.13093	1.92103	1.92103	0.383344	1.43012	1.43012	0.116187	0.499842	-2.00063	0.88611	1.05904	1.05904	0.0242708	0.216475	-4.61956	0.0686577	0.442298	-2.26092	0.904132	1.04941	1.04941	0.26315	8.28112	2.2558	1
cg13845049	C9orf95;C9orf95;C9orf95	0.0551539	0.4924471	1.08556	1.08556	0.719734	0.83975	-1.20475	0.0962566	0.83907	-1.19207	0.00627566	0.73901	0.73901	0.360907	1.17494	1.17494	0.884262	1.08445	1.08445	0.516006	1.31422	1.31422	0.0129141	1.19004	1.19004	0.26315	1.27464	1.27464	4.76405	1	1
cg14042099	ZBTB16;ZBTB16	0.0551553	0.0411557	0.221821	-4.50814	0.0389547	0.217031	-4.60764	0.191149	0.412853	-2.42217	0.128686	0.350092	-2.85639	0.0265058	0.186151	-5.37197	0.0899904	0.302748	-3.30308	0.0094273	0.122042	-8.1939	0.0266143	0.186456	-5.36319	0.135864	0.357977	-2.79348	0.26312	21.1144	5.75166	1
cg11735997	KCNA4	0.0551555	0.429077	0.599222	-1.66854	0.245455	1.36455	0.548335	0.53823	1.53823	0.53823	0.94022	2.94022	2.94022	0.0683517	0.204754	-4.8847	0.0616324	0.472372	2.11698	0.550343	1.23943	1.23943	0.0846342	1.96896	1.96896	0.164514	1.69355	1.69355	0.263311	0.52139	1.77646	1
cg07035552	AP2A1;AP2A1	0.0551559	0.246718	0.615119	-1.6257	0.136082	1.90475	1.90475	0.562549	0.790672	-1.26475	0.065871	0.28856	2.28856	0.987376	1.00637	1.00637	0.784931	1.11599	1.11599	0.00491329	0.45938	0.45938	0.0328155	0.72283	0.72283	0.892769	1.0556	1.0556	0.2631	8.31753	2.26575	1
cg10088628	PRAP1;PRAP1	0.0551567	0.0896312	0.365019	-2.73945	0.0223629	0.774477	-1.29155	0.0653615	0.53823	-1.85863	0.0119467	0.577824	-1.73101	0.0499932	0.768115	-1.30182	0.1515931	0.442108	-2.26263	0.0400955	0.7643413	-1.30851	0.0204175	0.782689	-1.27765	0.0308184	0.941942	-1.06182	0.26312	4.47347	1.26582	1
cg07343000	TAF12;TAF12	0.0551568	0.809517	0.914561	-1.09342	0.285291	1.50749	1.50749	0.00334988	1.43714	1.43714	0.533763	0.79209	-1.26248	0.0605161	0.457515	-2.18746	0.831106	1.08116	1.08116	?	?	?	0.925479	1.0352	1.0352	0.357461	1.41906	1.41906	3.30672	6.37295	1.92552	1
cg11498188	HECA	0.0551584	0.798972	1.08506	1.08506	0.794734	1.3255	1.3255	0.124924	1.32948	1.32948	0.29486	1.31964	1.31964	0.0618369	0.764798	-1.30764	0.720705	1.08506	1.08506	0.794734	1.3255	1.3255	0.124924	1.32948	1.32948	0.29486	1.31964	1.31964	3.26307	6.34243	1.27725	1
cg10090761	APC2	0.0551589	0.697317	1.12652	1.12652	0.0359691	2.10348	2.10348	0.012803	2.56606	2.56606	0.96629	1.01296	1.01296	0.642947	0.867371	-1.15291	0.0931958	1.7557	1.7557	0.0543974	1.94501	1.94501	0.0444055	2.02117	2.02117	0.223834	0.677396	-1.47624	0.26304	4.80081	1.3078	1
cg02198624	DOPEY2	0.0551605	0.0118866	0.342924	-2.9154	0.0302281	0.404646	-2.46451	0.0102	0.776484	0.990931	-1.00926	0.913632	0.977484	0.990931	-1.00926	0.913632	0.4852815	0.705392	-1.41764	0.251204	0.679065	-1.47207	0.0144755	0.425258	-2.35108	0.0194564	0.765552	-1.30625	0.263302	5.34156	1.46699	1
cg20688791	ILR;ILR	0.0551605	0.0319296	0.538365	-1.67122	0.184804	0.880365	-1.13589	0.0272522	0.681626	1.75932	0.293716	1.25345	1.25345	0.0140146	0.518703	-1.92789	0.384649	1.20307	1.20307	0.573859	0.888223	-1.12508	0.25234	1.28146	1.28146	0.554403	0.883496	-1.13187	0.2631	2.23125	0.60562	1
cg02861178	C20orf94	0.0551625	0.0158137	0.168231	-5.94421	0.423492	0.610885	-1.63697	0.00787174	0.12802	-7.81127	0.0924781	0.327486	-3.05556	0.181025	0.424777	-2.35417	0.308204	0.529472	-1.88867	0.177935	0.421875	-2.37037	0.395431	1.68997	1.68997	0.0330251	0.22248	-4.49479	0.26295	18.7836	5.11699	1
cg03437267	ANXA5	0.0551631	0.5014313	1.07016	1.07016	0.309797	0.9881746	-1.02936	0.0241636	0.642209	1.11839	0.514689	1.09521	1.09521	0.244157	0.913599	-1.09499	0.8811122	1.07616	1.07616	0.247961	0.9253724	1.08081	0.875949	1.09726	1.09726	0.0215754	0.809006	1.23595	0.0979153	0.366744	1	1
cg04842161	SKAP2	0.0551652	0.0196595	0.201321	-4.9672	0.670364	1.27573	1.27573	0.650824	0.771707	-1.29583	0.0472296	0.274908	-3.63759	0.105654	0.36593	-2.73276	0.633287	1.3144	1.3144	0.359235	0.584995	-1.70942	0.00466923	0.117734	-8.4937	0.281696	0.529244	-1.88949	0.26289	16.7162	4.5539	1
cg17031787	TNS3	0.0551653	0.0623246	0.279159	-4.82753	0.333049	0.470652	-2.12471	0.0576107	0.714205	-1.40015	0.180241	0.291264	-3.43331	0.0245924	0.132343	-7.55615	0.0605568	0.211665	-4.72445	0.00546632	0.0834392	-15.7656	0.0317773	0.149615	-6.68383	0.0315306	0.258167	-3.87346	0.26289	24.5581	8.01963	1
cg19484660	USF2;USF2	0.0551654	0.1002259	1.88485	1.88485	0.0412503	2.29054	2.29054	0.0180697	2.74781	2.74781	0.0582058	2.12445	2.12445	0.733207	1.12799	1.12799	0.2203174	0.635228	-1.57424	0.196147	0.618643	1.61644	0.190367	1.62929	1.62929	0.0995551	1.8878	1.8878	1.88262	0.40275	1.7443	1
cg01154695	GPSM3;NOTCH4	0.0551693	0.314432	0.557701	-1.80603	0.0697966	0.137678	-7.26334	0.033153	0.242888	-4.11712	0.654588	1.29161	1.29161	0.235377	0.493286	-2.02722	0.671065	0.784476	-1.27474	0.0117062	0.166998	-5.9881	0.0752553	0.324492	-3.08174	0.655314	0.77468	-1.29086	0.2628	16.6852	4.54558	1
cg25976451	EEF2	0.0551699	0.739282	0.864706	-1.15662	0.59734	1.3275	1.3275	0.0749906	1.63659	1.63659	0.24069	1.14292	1.14292	0.337714	0.8746	-1.14369	0.0327663	1.4131	1.4131	0.0164557	1.51807	1.51807	0.0127125	1.33863	1.3463	1.3463	0.0964575	1.40005	1.40005	0.262999	0.990139	0.270335	1
cg08790638	PRR5L;PRR5L;PRR5L;PRR5L	0.0551713	0.249713	0.680254	-1.47004	0.591886	1.18926	1.18926	0.329647	0.724544	-1.38018	0.0598778	1.97386	1.97386	0.0179307	0.997998	-2.51258	0.2038318	1.53658	1.53658	0.353475	0.736553	-1.35768	0.0658946	1.93656	1.93656	0.143762	1.65382	1.65382	1.62675	5.30094	1.44416	1
cg00181683	TOP1MT	0.0551725	0.497134	0.878037	-1.13907	0.4743	0.0151209	5.37885	0.573865	0.913467	1.09469	0.0888557	0.53815	0.53815	0.244675	1.98565	-1.98565	0.1033467	0.53815	0.244675	1.98565	0.53815	0.244675	1.98565	0.53815	0.244675	1.98565	0.53815	0.244675	1.98565	0.26288	0.64743	0.177251	1
cg03598737	MIIP	0.0551728	0.377946	1.17543	1.12543	0.0214805	0.697102	-1.43451	0.168033	0.825378	-1.21157	0.879612	0.980397	-1.02	0.374746	0.887803	-1.12638	0.184448	0.83203	-1.20188	0.0129029	1.49664	1.49664	0.901435	1.01632	1.01632	0.119329	0.801882	-1.24707	0.26272	0.881712	0.240212	1
cg14195606	FAM139A	0.0551746	0.42624	1.19842	1.19842	0.484667	0.853667	-1.17142	0.20668	0.743253	-1.34544	0.630637	1.11398	1.11398	0.0180984	0.527527	-1.89564	0.651539	0.903671	-1.1066	0.0308129	1.7595	1.7595	0.450996	1.18662	1.18662	0.0273191	0.558902	-1.78922	0.26268	2.56492	0.69879	1
cg12440350	MST1P9	0.0551747	0.0424257	0.2	-5.6679	0.0432892	0.154889	-6.45609	0.0525256	0.272728	-3.66454	0.0434504	0.648289	-1.54252	0.0109755	0.388153	-2.57649	0.43996	0.863298	-1.15835	0.0495491	0.2744643	0.988352	-1.01179	0.955384	0.919592	-1.08745	0.2744643	0.654928	-1.52689	0.26267	0.490388	0.123	1
cg09299076	ZNF276;ZNF276	0.0551758	0.0747715	0.65556	-1.52541	0.979524	1.51297	0.520432	0.602037	1.60037	0.108347	0.688891	-1.45161	0.703061	0.921747	-1.0849	0.154401	0.723006	-1.38312	0.0373341	1.70157	0.698209	1.08643	0.735498	0.886508	-1.12802	0.26265	2.3001	0.637249	1	1
cg09405983	LYNX1;YNX1;LYNX1;LYNX1	0.0551761	0.0747491	0.657351	-1.52126	0.378934	0.807736	-1.23803	0.0568426	1.66503	1.66503	0.29686	0.774269	-1.29154	0.129029	0.678409	-1.47404	0.5836383	1.13986	1.13986	0.00756007	0.443599	-2.25429	0.0949925	0.64792	-1.5434	0.225331	0.739921	-1.3515	1.26342	2.89189	0.787691	1
cg02839306	ANKRD27;RGS9BP	0.0551761	0.904582	0.981409	-1.01884	0.385445	1.14939	1.14939	0.520537	0.903107	-1.10729	0.0462495	1.42949	1.42949	0.0777983	1.35892	1.35892	0.745185	0.950252	-1.05235	0.0120561	0.612695	-1.63213	0.0466728	1.42823	1.42823	0.984055	0.996878	1.00313	0.26264	1.26527	0.344715	1
cg20071051	NEK9	0.0551766	0.649488	0.844778	-1.1836	0.617609	0.830788	-1.20368	0.153918	0.569856	-1.75483	0.0245985	2.68114	2.68114	0.121643	1.85559	1.85559	0.0508721	0.440669	-2.26928	0.0329769	0.415344	-2.40764	0.148464	0.564959	-1.77004	0.946319	1.02512	1.02512	1.26263	7.01327	1.91073	1
cg15096237	SEPT9;SEPT9	0.0551768	0.8818863	1.04796	1.04796	0.812892	1.26569	1.26569	0.12119	1.46555	1.46555	0.0749906	1.63659	1.63659	0.24069	1.14292	1.14292	0.337714	0.8746	-1.14369	0.0327663	1.4131	1.4131	0.0164557	1.51807	1.51807	0.0127125	1.33863	1.3463	1.3463	0.0964575	1.40005	1.40005	0.262999	0.990139	0.270335	1
cg20680609	SETD1B;LOC338799	0.0551773	0.5496	1.0708	1.0708	0.0867124	1.23836	1.23836	0.0122662	1.4226	1.4226	0.59188	0.9406582	-1.06306	0.028254	0.746259	-1.34002	0.202171	1.16435	1.16435	0.617844	1.05848	1.05848	0.0949991	1.23036	1.23036	0.526603	0.930069	-1.07519	0.26261	0.659736	0.179743	1
cg24145473	TOP1MT	0.0551775	0.247511	0.772626	-1.29363	0.299454	0.793554	-1.26015	0.0116656	0.688955	-1.45147	0.0885483	0.467631	-2.13894	0.0145095	0.332193	-3.01006	0.0959304	0.402132	-2.16811	0.0161166	0.445099	0.445099	0.0259398	0.631206	0.631206	0.0210218	0.0533156	0.623434	-1.60402	0.2626	3.9825	0.650646	1
cg03190379	PRPH	0.0551784	0.0251894	0.263537	0.263537	0.0168531	0.115434	0.115434	0.130633	0.449873	0.449873	0.284599	0.523316	0.523316	0.237647	0.288015	-2.98015	0.303659	0.43725	0.43725	0.699458	0.752975	-1.33017	0.00874683	0.16377	0.16377	0.0252593	0.34454	0.34454	2.56259	0.26262	16.3309	9.84382	1
cg08375568	ARRDC5	0.0551792	0.0200578	0.274486	-3.64317	0.298463	0.670639	-1.49111	0.144671	0.559462	-1.78743	0.108068	1.91546	1.91546	0.0181642	0.34531	-2.89595	0.359986	0.703847	-1.42076	0.210001	0.612786	-1.63189	0.694759	0.863967	-1.15742	0.170729	0.582299	-1.71733	0.26257	7.10105	1.93468	1
cg16578444	MYO3A	0.0551794	0.0423707	0.2	-5.6679	0.0432892	0.154889	-6.45609	0.0525256	0.272728	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12019520	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0552552	0.398331	0.593752	-1.6842	0.00359667	0.092877	-10.7669	0.0471748	0.254328	-3.93193	0.306397	1.89337	1.89337	0.241877	0.477865	-2.09264	0.30061	0.523826	-1.90903	0.0392567	0.237419	-4.21197	0.126662	0.369359	-2.7074	0.74558	0.821793	-1.21685	3.26084	18.7677	5.11598	1
cg14611757	AP2A2	0.0552561	0.27168	0.637163	-1.56946	0.20932	1.68412	1.68412	0.00412447	0.219734	-4.55095	0.144999	0.539806	-1.85252	0.346449	0.682557	-1.46508	0.302084	0.656307	-1.52368	0.508638	0.76788	-1.30229	0.168483	1.78253	1.78253	0.0808601	0.466486	-2.14369	3.26082	8.01322	2.18438	1
cg13405293	CYBRD1;CYBRD1;CYBRD1;CYBRD1	0.0552576	0.0409604	0.573436	-1.74387	0.46965	0.840786	-1.18936	0.70874	1.09249	1.09249	0.312377	0.781637	-1.27937	0.0144936	0.491584	-2.03424	0.0115576	0.474973	-2.10538	0.576416	1.14231	1.14231	0.203059	1.37269	1.37269	0.874475	0.963416	-1.03797	3.26078	2.87021	0.78242	1
cg09944213	SEC14L5	0.0552595	0.0270224	0.545761	-1.8323	0.455943	1.192	1.192	0.816464	0.947646	-1.05525	0.0405826	0.578715	-1.72797	0.0227334	0.532242	-1.87885	0.594869	0.88325	-1.13218	0.0118298	0.483376	-2.06878	0.541453	0.866776	-1.1537	0.0805965	0.638762	-1.56553	3.26074	2.76286	0.753166	1
cg08855568	PTPRG	0.0552604	0.525435	0.871322	-1.14768	0.360373	0.817671	-1.22299	0.327902	0.805586	-1.24133	0.215405	1.32198	1.32198	0.975792	1.00652	1.00652	0.317333	0.801495	-1.24767	0.00178794	0.386155	-2.58964	0.219066	1.31876	1.31876	0.909788	0.976028	-1.02456	3.26072	2.36655	0.645134	1
cg08802910	FAM53A	0.055262	0.174334	0.628805	-1.59032	0.354154	0.736343	-1.35806	0.30985	0.713624	-1.4013	0.890866	0.956881	-1.04506	0.00888536	0.343348	-2.91249	0.0520831	0.491911	-2.03289	0.0196268	0.404478	-2.47232	0.0264086	0.42947	-2.32845	0.479992	1.25926	1.25926	3.26068	5.3233	1.45118	1
cg27581816	YTHDC2;YTHDC2	0.0552627	0.58605	0.924253	-1.08196	0.34879	1.14817	1.14817	0.24789	1.18892	1.18892	0.320491	1.1584	1.1584	0.217522	1.20423	1.20423	0.519634	1.09801	1.09801	0.00202485	0.536012	-1.86563	0.952767	1.00852	1.00852	0.915277	1.01536	1.01536	3.26067	1.05969	0.288881	1
cg09983915	MLX;MLX;MLX	0.0552631	0.692258	0.945474	-1.05767	0.146573	1.24561	1.24561	0.175221	1.22531	1.22531	0.194095	0.823956	-1.21366	0.758511	0.957468	-1.04442	0.451837	1.11409	1.11409	0.00438491	0.584942	-1.70957	0.166584	1.23106	1.23106	0.34848	1.14573	1.14573	3.26066	1.02587	0.279663	1
cg00202819	SYCP3	0.0552654	0.345624	1.27653	1.27653	0.0167558	0.48005	-2.08312	0.0675739	0.597654	-1.67321	0.693203	0.905139	-1.1048	0.0111172	0.449272	-2.22583	0.961439	0.987921	-1.01223	0.159597	1.45902	1.45902	0.42634	0.815326	-1.2265	0.62453	1.13201	1.13201	3.26061	3.26273	0.889468	1
cg07421969	TRIM15	0.0552694	0.723513	1.0483	1.0483	0.105881	1.26436	1.26436	0.206465	0.837807	-1.19359	0.806566	1.03312	1.03312	0.490193	1.09755	1.09755	0.00512228	0.611927	-1.63418	0.0482782	1.34949	1.34949	0.477328	1.10071	1.10071	0.980226	0.996714	-1.0033	3.26052	0.910809	0.248307	1
cg02341759	AGBL1;AGBL1	0.0552702	0.857456	0.951353	-1.05113	0.966632	1.01167	1.01167	0.0392741	0.516052	-1.93779	0.79812	1.07368	1.07368	0.616885	0.869443	-1.15016	0.277256	1.36811	1.36811	0.00241319	0.309713	-3.22879	0.356659	0.768771	-1.30078	0.127638	0.633235	-1.57919	3.2605	3.97296	1.08312	1
cg02350785	YPEL1	0.0552708	0.33576	0.785636	-1.27285	0.0370132	0.555061	-1.8016	0.281442	0.761785	-1.31271	0.768344	0.930724	-1.07443	0.0125406	0.470117	-2.12713	0.461581	1.19983	1.19983	0.419374	0.818284	-1.22207	0.657627	1.11451	1.11451	0.00672037	0.425571	-2.34979	3.26048	3.05084	0.831736	1
cg17204275	SATB2	0.0552715	0.212942	0.296797	-3.36931	0.982687	0.980106	-1.0203	0.377523	2.31295	2.31295	0.751106	0.744772	-1.34269	0.159891	4.01741	4.01741	0.593827	0.607454	-1.64621	0.00158873	66.5257	66.5257	0.519487	1.83068	1.83068	0.760343	0.75328	-1.32753	3.26047	44.2835	12.0728	1
cg08096702	MIR211;TRPM1	0.0552737	0.501119	1.23299	1.23299	0.983707	0.993756	-1.00628	0.392241	0.764254	-1.30847	0.0369833	2.10231	2.10231	0.00473462	0.316368	-3.16087	0.41354	0.773825	-1.29228	0.246994	1.44963	1.44963	0.25672	0.695511	-1.43779	0.443725	0.787004	-1.27064	3.26042	4.85844	1.32456	1
cg05406678	CCDC127;SDHA	0.0552746	0.0691204	0.522365	-1.91437	0.966953	0.986858	-1.01332	0.0572777	1.98719	1.98719	0.258809	1.45673	1.45673	0.0305121	0.44408	-2.25184	0.154184	0.61443	-1.62753	0.360458	0.740672	-1.35013	0.0299125	0.442327	-2.26077	0.586598	1.19163	1.19163	3.2604	5.26479	1.43535	1
cg23573526	LOC84740	0.0552747	0.121087	0.668935	-1.49491	0.0579202	0.59884	-1.6699	0.0217016	0.517282	-1.93318	0.0507258	0.587155	-1.70313	0.0577007	0.598502	-1.67084	0.0841735	1.57935	1.57935	0.681319	1.10381	1.10381	0.143609	0.686691	-1.45626	0.732514	0.921216	-1.08552	3.26039	2.95428	0.805432	1
cg27505440	DCAF8;DCAF8;DCAF8	0.0552759	0.312214	1.29005	1.29005	0.0103266	0.455126	-2.1972	0.0834872	0.627053	-1.59476	0.441075	0.825812	-1.21093	0.17109	1.42624	1.42624	0.110611	0.654726	-1.52736	0.0734385	1.62621	1.62621	0.402545	0.811635	-1.23208	0.958411	1.01279	1.01279	3.26037	3.06467	0.835536	1
cg14057760	DDX47;DDX47	0.0552806	0.0765393	0.24988	-4.00191	0.00680009	0.0847117	-11.8047	0.0719046	0.243116	-4.11326	0.794528	0.832173	-1.20167	0.00754181	0.0889264	-11.2453	0.239316	0.420052	-2.38066	0.128318	0.314392	-3.18074	0.506451	0.622205	-1.60719	0.102298	0.284062	-3.52036	3.26026	25.5837	6.97522	1
cg01031670	CYB5R3;CYB5R3;CYB5R3	0.0552817	0.235606	0.425147	-2.35212	0.0212755	0.148828	-6.71916	0.368274	0.529449	-1.88876	0.48385	0.612866	-1.63168	0.0140488	0.124117	-8.05688	0.0552062	0.224096	-4.46238	0.00872644	0.100323	-9.96784	0.105062	0.295594	-3.38302	0.0760361	0.257035	-3.89053	3.26023	24.4501	6.66623	1
cg17107112	GRM4	0.0552825	0.651654	1.16052	1.16052	0.194518	1.56761	1.56761	0.0955127	1.82187	1.82187	0.390189	1.33432	1.33432	0.0826125	0.532748	-1.87706	0.146421	1.66635	1.66635	0.00887835	0.335937	-2.97675	0.258854	1.47091	1.47091	0.547397	1.22072	1.22072	3.26022	5.54033	1.51056	1
cg20627106	PDE6G;PDE6G	0.0552839	0.995684	1.00119	1.00119	0.463896	0.848923	-1.17796	0.0165643	0.525691	-1.90226	0.913793	1.02408	1.02408	0.0487847	1.63951	1.63951	0.0548513	1.61351	1.61351	0.0505903	1.63141	1.63141	0.505198	0.86196	-1.16015	0.447904	0.843725	-1.18522	3.26019	2.49228	0.679519	1
cg18232980	GPR161	0.0552848	0.966021	0.99558	-1.00444	0.0323241	0.770578	-1.29773	0.305401	1.11668	1.11668	0.934602	1.00857	1.00857	0.0106711	0.716213	-1.39623	0.915361	1.01112	1.01112	0.638697	0.952013	-1.05041	0.0843373	1.21964	1.21964	0.0979643	1.20776	1.20776	3.26016	0.558323	0.152228	1
cg02454131	C1orf213;C1orf213;ZNF436;ZNF436	0.0552852	0.459751	0.857761	-1.16583	0.768984	1.06187	1.06187	0.0151259	0.544198	-1.83757	0.346234	1.21863	1.21863	0.379881	0.832253	-1.20156	0.450582	0.854961	-1.16964	0.0388471	1.62833	1.62833	0.142893	1.37848	1.37848	0.0511339	1.57265	1.57265	3.26015	2.14546	0.584964	1
cg03272499	PCDH9;PCDH9	0.0552855	0.0388556	0.326178	-3.06581	0.00918392	0.212358	-4.70902	0.0254201	0.288137	-3.47058	0.580672	1.29869	1.29869	0.20476	0.534308	-1.87158	0.161727	0.496622	-2.0136	0.0519294	0.354895	-2.81774	0.0558127	0.362419	-2.75924	0.828486	0.903364	-1.10697	3.26015	11.3292	3.08894	1
cg14030258	PTPRU;PTPRU;PTPRU	0.0552877	0.115575	0.727834	-1.37394	0.198086	0.776766	-1.28739	0.28365	0.813132	-1.22981	0.407798	0.854496	-1.17028	0.47306	0.873256	-1.14514	0.982074	1.00418	1.00418	0.00672551	1.9206	1.9206	0.320599	0.826475	-1.20996	0.0362001	0.63614	-1.57198	3.2601	1.78072	0.485525	1
cg06739523	BCL9	0.0552878	0.740303	1.13625	1.13625	0.0474364	0.418595	-2.38894	0.234331	0.61956	-1.61405	0.955005	0.978565	-1.0219	0.0168174	0.32619	-3.0657	0.888452	0.947532	-1.05537	0.0615475	0.445423	-2.24506	0.0281153	2.70711	2.70711	0.382214	0.708829	-1.41078	3.26009	7.61421	2.07607	1
cg26841013	WNT3A	0.0552879	0.329862	1.89695	1.89695	0.881454	0.90936	-1.09967	0.561657	0.688222	-1.45302	0.32536	0.523813	-1.90908	0.0227078	5.67757	5.67757	0.264536	0.476902	-2.09686	0.503216	1.54122	1.54122	0.00410651	11.604	11.604	0.695083	1.28508	1.28508	3.26009	20.9325	5.70741	1
cg19927028	ADAMTS6	0.0552913	0.848845	1.03753	1.03753	0.47374	1.15105	1.15105	0.824829	0.958104	-1.04373	0.415904	1.17414	1.17414	0.0526749	1.53001	1.53001	0.00369748	0.468891	-2.13269	0.821006	1.04472	1.04472	0.496583	1.14256	1.14256	0.108216	1.40261	1.40261	3.26002	1.92457	0.524761	1
cg26759036	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.0552927	0.911761	1.019	1.019	0.330639	0.843291	-1.18583	0.324258	0.841261	-1.18869	0.0226061	1.58972	1.58972	0.972592	0.994183	-1.00585	0.630964	0.921105	-1.08565	0.0113109	1.71358	1.71358	0.048408	0.681872	-1.46655	0.966994	1.00705	1.00705	3.25998	1.48853	0.405872	1
cg02972941	LMTK2	0.055293	0.827319	1.0795	1.0795	0.0247536	0.392198	-2.54973	0.0413998	2.27881	2.27881	0.0250905	2.54217	2.54217	0.872557	1.05782	1.05782	0.461146	0.768968	-1.30044	0.856115	1.06562	1.06562	0.0440121	2.24868	2.24868	0.493517	1.27569	1.27569	3.25998	6.33027	1.72606	1
cg08391848	SAFB	0.0552936	0.234464	0.782585	-1.27782	0.630032	0.908946	-1.10018	0.0171804	1.77033	1.77033	0.328201	0.819944	-1.2196	0.99779	0.999455	-1.00055	0.416509	0.8493	-1.17744	0.542934	1.12878	1.12878	0.0387674	1.60117	1.60117	0.0178856	1.76146	1.76146	3.25996	1.99774	0.544721	1
cg24003508	KLF6;KLF6;KLF6;KLF6	0.0552947	0.0200124	0.155162	-6.44488	0.189251	2.5172	2.5172	0.991504	1.00709	1.00709	0.356268	0.532668	-1.87734	0.0301452	0.184047	-5.43338	0.673677	0.754914	-1.32465	0.0102234	0.116572	-8.57837	0.846728	1.13707	1.13707	0.15339	0.362482	-2.75876	3.25994	22.7504	6.20336	1
cg01026796	DHX29;SKIV2L2	0.055295	0.906383	1.0376	1.0376	0.0308978	0.451547	-2.21461	0.795886	1.08472	1.08472	0.202839	1.52464	1.52464	0.066469	0.524316	-1.90725	0.0697479	0.529273	-1.88938	0.0391969	0.473026	-2.11405	0.0418371	0.479076	-2.08735	0.31928	1.38111	1.38111	3.25993	5.08129	1.38552	1
cg07156424	ZZEF1;CYB5D2;CYB5D2;CYB5D2	0.0552954	0.073302	0.712178	-1.40414	0.930531	1.01493	1.01493	0.126013	1.32493	1.32493	0.063425	0.701348	-1.42583	0.0568637	0.693302	-1.44237	0.797902	0.957327	-1.04458	0.119777	1.33225	1.33225	0.322183	1.18983	1.18983	0.0480007	1.4684	1.4684	3.25992	1.49137	0.406656	1
cg22450798	CPD	0.0552964	0.810551	0.976135	-1.02445	0.0532726	1.24713	1.24713	0.0512654	1.25012	1.25012	0.131606	0.848989	-1.17787	0.0389068	0.786255	-1.27185	0.605613	0.94896	-1.05379	0.149957	1.16794	1.16794	0.24515	0.884906	-1.13006	0.131059	0.848761	-1.17819	3.2599	0.522305	0.142419	1
cg24197689	C4orf43	0.0552964	0.170264	0.682985	-1.46416	0.58911	0.867312	-1.15299	0.212786	1.40855	1.40855	0.514993	1.1881	1.1881	0.718655	0.909879	-1.09905	0.255451	0.733496	-1.36333	0.00381737	0.361211	-2.76847	0.0804377	1.65899	1.65899	0.384603	0.792377	-1.26203	3.2599	3.51859	0.959428	1
cg08035555	C19orf28;C19orf28;C19orf28	0.0552975	0.0591795	0.43326	-2.30808	0.761203	1.12713	1.12713	0.0388883	0.391093	-2.55693	0.757377	1.12937	1.12937	0.0834474	0.471287	-2.12185	0.289191	0.64924	-1.54026	0.0202086	0.332992	-3.00308	0.0668354	2.24051	2.24051	0.183245	0.574414	-1.74091	3.25988	7.95849	2.17009	1
cg08160980	C1orf190;POMGNT1	0.055298	0.761688	1.049	1.049	0.708958	0.942736	-1.06074	0.0104218	1.66071	1.66071	0.637816	0.928138	-1.07743	0.0104918	0.602566	-1.65957	0.502388	0.89847	-1.113	0.11313	0.762481	-1.31151	0.962562	1.00741	1.00741	0.524896	1.10665	1.10665	3.25986	1.27705	0.348222	1
cg16892303	FOXN1	0.0552986	0.148947	0.656981	-1.52211	0.0643657	0.568907	-1.75776	0.00263621	0.323139	-3.09464	0.488955	1.21021	1.21021	0.28635	0.74044	-1.35055	0.139254	0.649269	-1.54019	0.105305	0.618586	-1.61659	0.21299	0.700488	-1.42758	0.0760976	0.585254	-1.70866	3.25985	3.80333	1.03708	1
cg17351974	RPL37	0.0553001	0.810139	1.06281	1.06281	0.0114458	2.22735	2.22735	0.487599	0.836544	-1.19539	0.0641458	1.69294	1.69294	0.364142	0.789772	-1.26619	0.965641	1.01096	1.01096	0.274717	0.750054	-1.33324	0.0122414	2.20298	2.20298	0.882649	1.03809	1.03809	3.25982	3.30668	0.901668	1
cg21092296	LOC90110	0.0553001	0.293105	1.38052	1.38052	0.226343	1.45585	1.45585	0.856994	1.05478	1.05478	0.548647	1.19655	1.19655	0.588621	1.1752	1.1752	0.240468	0.695341	-1.43814	0.00282725	0.296474	-3.37298	0.800253	1.07784	1.07784	0.0935932	0.579716	-1.72498	3.25982	4.51308	1.23063	1
cg15014577	TNXB	0.0553007	0.013536	0.358701	-2.78783	0.985375	1.00617	1.00617	0.0462079	0.464747	-2.15171	0.852389	0.939422	-1.06448	0.341252	0.71964	-1.38958	0.0390925	0.44883	-2.22802	0.0457924	0.463873	-2.15576	0.987943	0.994943	-1.00508	0.101878	1.82343	1.82343	3.2598	5.81079	1.5845	1
cg05407757	ADARB2	0.055301	0.85843	1.03253	1.03253	0.0826534	0.70849	-1.41145	0.00167559	0.446826	-2.23801	0.789899	0.953248	-1.04904	0.0935342	0.718419	-1.39195	0.56079	1.11121	1.11121	0.940208	0.98664	-1.01354	0.631705	1.09045	1.09045	0.588666	0.906749	-1.10284	3.2598	1.65967	0.452562	1
cg03087610	AIFM2	0.0553019	0.134662	0.229822	-4.3512	0.686543	1.44753	1.44753	0.860395	0.851727	-1.17409	0.0932178	5.38438	5.38438	0.0651043	0.151357	-6.60689	0.739273	1.35596	1.35596	0.604633	0.621153	-1.60991	0.138492	0.233635	-4.28018	0.00831237	21.6623	21.6623	3.25977	42.9108	11.7011	1
cg24630764	P2RY12;MED12L;P2RY12	0.0553022	0.00869281	0.20407	-4.90028	0.0227734	0.27381	-3.65217	0.153608	0.483788	-2.06702	0.221303	0.542794	-1.84232	0.0148901	0.240899	-4.15112	0.0555646	0.356614	-2.80416	0.0812296	0.399052	-2.50594	0.219176	0.541108	-1.84806	0.0911528	0.412997	-2.42132	3.25977	11.6614	3.17989	1
cg07674386	CNTN3	0.0553025	0.394603	1.22268	1.22268	0.0465231	0.591157	-1.6916	0.0234745	1.86645	1.86645	0.501106	0.854322	-1.17052	0.869044	1.03878	1.03878	0.0323069	0.561042	-1.7824	0.534736	0.865054	-1.156	0.144124	1.43592	1.43592	0.166884	0.711912	-1.40467	3.25976	2.74482	0.748472	1
cg07896832	CSPP1;CSPP1;COPS5	0.0553027	0.0551469	0.135589	-7.37522	0.984052	1.01854	1.01854	0.114888	0.206889	-4.83351	0.579593	0.597946	-1.67239	0.00983684	0.0498547	-20.0583	0.174464	0.265135	-3.77166	0.0129118	0.0586331	-17.0552	0.0233822	0.0829525	-12.0551	0.165521	0.256847	-3.89336	3.25976	43.6031	11.8899	1
cg25475289	TGFA;TGFA	0.0553034	0.869715	0.974105	-1.02658	0.556683	0.90936	-1.09967	0.795392	1.04241	1.04241	0.204292	1.23876	1.23876	0.604371	1.08713	1.08713	0.0636462	1.39551	1.39551	0.0618704	0.714568	-1.39945	0.00397226	1.85711	1.85711	0.511566	1.11228	1.11228	3.25974	1.31883	0.359629	1
cg09137135	MIR148B;COPZ1	0.0553037	0.628491	1.08808	1.08808	0.0549348	0.686022	-1.45768	0.172776	1.28557	1.28557	0.0064056	1.84799	1.84799	0.355994	0.848422	-1.17866	0.548922	1.11071	1.11071	0.813658	1.04173	1.04173	0.843737	0.966409	-1.03476	0.0778511	0.712297	-1.40391	3.25973	1.54754	0.421994	1
cg01136538	STIM2;STIM2;STIM2	0.0553038	0.0454639	0.354272	-2.82269	0.0871313	0.425517	-2.35008	0.0502314	0.364334	-2.74473	0.739114	0.859696	-1.1632	0.00902086	0.22278	-4.48873	0.409947	0.683068	-1.46398	0.147374	0.494985	-2.02026	0.10025	2.25813	2.25813	0.304129	0.617919	-1.61834	3.25973	10.5629	2.88036	1
cg07132710	GATA2;GATA2;GATA2	0.0553049	0.138975	1.80578	1.80578	0.0243199	2.7076	2.7076	0.0792253	2.06079	2.06079	0.476468	1.30821	1.30821	0.0480103	2.31349	2.31349	0.523065	1.27148	1.27148	0.452132	0.752577	-1.32877	0.0502304	2.28951	2.28951	0.00769584	3.56366	3.56366	3.25971	7.10918	1.9386	1
cg07379557	RHBDL1	0.0553054	0.407276	0.783979	-1.27554	0.190595	1.48871	1.48871	0.00303676	3.20912	3.20912	0.203608	0.680284	-1.46997	0.0851045	1.72731	1.72731	0.152923	1.55187	1.55187	0.254301	1.4074	1.4074	0.843146	1.05853	1.05853	0.320516	1.34271	1.34271	3.2597	4.25527	1.16037	1
cg08300197	LMF1	0.0553055	0.102099	0.672854	-1.48621	0.336368	1.24547	1.24547	0.286446	1.2778	1.2778	0.312461	0.793437	-1.26034	0.087796	0.658845	-1.51781	0.120732	0.688896	-1.4516	0.0185655	1.8816	1.8816	0.231973	1.31997	1.31997	0.156418	1.39895	1.39895	3.25969	2.53178	0.690394	1
cg27254860	FHIT;FHIT	0.0553085	0.0692623	0.466043	-2.14573	0.209136	0.608172	-1.64427	0.020274	0.349474	-2.86145	0.145729	0.556141	-1.79811	0.131773	0.542751	-1.84247	0.0257837	0.369902	-2.70342	0.00639968	0.263788	-3.79093	0.0552275	0.442027	-2.26231	0.180277	0.585966	-1.70658	3.25962	7.28461	1.98649	1
cg12527909	PRPF38B	0.0553097	0.480228	1.19196	1.19196	0.029006	0.532693	-1.87725	0.0227006	0.513036	-1.94918	0.941117	0.982086	-1.01824	0.33191	1.27755	1.27755	0.937338	0.980944	-1.01943	0.0152342	2.07357	2.07357	0.786626	1.06865	1.06865	0.578106	0.871556	-1.14737	3.2596	3.09113	0.842947	1
cg05628496	DRG2	0.0553104	0.51631	1.1018	1.1018	0.321528	0.859955	-1.16285	0.0355628	0.697362	-1.43398	0.407068	0.882551	-1.13308	0.305932	1.16901	1.16901	0.214506	0.824886	-1.21229	0.74629	0.953302	-1.04899	0.0105674	1.60608	1.60608	0.0947512	1.31065	1.31065	3.25958	1.12037	0.305526	1
cg21330831	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0553104	0.108071	1.61085	1.61085	0.0275039	2.03185	2.03185	0.0167882	2.21133	2.21133	0.141325	1.53747	1.53747	0.193304	0.687746	-1.45403	0.59349	1.15779	1.15779	0.161025	1.50245	1.50245	0.0166303	2.21495	2.21495	0.356551	1.29416	1.29416	3.25958	3.81744	1.04102	1
cg16047117	FAM109B	0.055311	0.929322	0.948925	-1.05382	0.0655693	3.3914	3.3914	0.648472	1.31158	1.31158	0.506723	1.48897	1.48897	0.246593	0.488697	-2.04626	0.369892	1.72317	1.72317	0.0022901	12.4229	12.4229	0.615508	1.34884	1.34884	0.258198	0.497981	-2.00811	3.25957	18.028	4.91627	1
cg06759648	C1orf88	0.0553114	0.707169	0.914959	-1.09294	0.587524	0.87899	-1.13767	0.00406136	0.403131	-2.48058	0.831273	0.950991	-1.05153	0.0181803	0.508967	-1.96477	0.654256	1.112	1.112	0.165596	0.705916	-1.4166	0.223879	1.35111	1.35111	0.729327	1.08525	1.08525	3.25956	2.86323	0.78081	1
cg02943604	PPAPDC1A	0.0553133	0.793518	0.947446	-1.05547	0.0562853	0.640921	-1.56025	0.321292	0.809868	-1.23477	0.287732	1.25503	1.25503	0.227263	0.770379	-1.29806	0.115838	0.703451	-1.42156	0.0757951	0.665833	-1.50188	0.309146	1.24186	1.24186	0.0153789	1.84432	1.84432	3.25952	2.1865	0.596272	1
cg09570348	PCDHGB4;PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2;PCDHGB4	0.0553141	0.0420638	5.19033	5.19033	0.118709	3.2893	3.2893	0.460044	1.69692	1.69692	0.531492	1.56144	1.56144	0.402777	1.82572	1.82572	0.204122	0.38977	-2.56562	0.0102176	9.74282	9.74282	0.0113855	9.27249	9.27249	0.524058	1.57448	1.57448	3.2595	25.5157	6.95832	1
cg07022477	HIF3A	0.0553158	0.0296172	0.155553	-6.42869	0.0759966	0.238163	-4.1988	0.244279	0.412657	-2.42332	0.216479	0.388662	-2.57293	0.0412395	0.180686	-5.53445	0.0491204	0.195523	-5.1145	0.00726499	0.0807671	-12.3813	0.0278337	0.151227	-6.61259	0.136853	0.312096	-3.20414	3.25946	27.2565	7.43314	1
cg06531573	PRR25	0.0553159	0.0802097	0.330855	-3.02247	0.00501152	8.29811	8.29811	0.151105	0.416128	-2.40311	0.439453	0.638036	-1.56731	0.320627	0.557209	-1.79466	0.200437	0.462684	-2.1613	0.245257	0.500257	-1.99897	0.42742	0.630168	-1.58688	0.270654	0.520163	-1.92247	3.25946	16.7657	4.57218	1
cg20137441	FBRSL1	0.0553162	0.107756	0.746276	-1.33999	0.00712544	0.560142	-1.78526	0.226252	0.809068	-1.23599	0.258309	1.21735	1.21735	0.427033	0.873516	-1.1448	0.455374	1.13517	1.13517	0.0386406	1.4909	1.4909	0.61549	0.919025	-1.08811	0.577912	0.910528	-1.09826	3.25945	1.43534	0.391433	1
cg27379896	C16orf81	0.0553165	0.767244	0.913811	-1.09432	0.0517691	0.510611	-1.95844	0.00685072	0.345276	-2.89623	0.3555	1.33458	1.33458	0.0233849	0.439304	-2.27633	0.992422	0.99712	-1.00289	0.0998894	0.578385	-1.72895	0.445745	1.26621	1.26621	0.522725	0.821431	-1.21739	3.25944	4.76012	1.29814	1
cg06796515	PTPRF;PTPRF	0.0553195	0.205982	0.839522	-1.19115	0.0155225	0.677598	-1.4758	0.101912	0.790768	-1.26459	0.0524204	1.33537	1.33537	0.124555	0.804094	-1.24364	0.848497	0.975235	-1.02539	0.334228	1.13949	1.13949	0.047558	0.742945	-1.34599	0.465758	0.907259	-1.10222	3.25937	0.887466	0.242028	1
cg02674639	WASF3	0.05532	0.158653	0.523007	-1.91202	0.0199759	3.34666	3.34666	0.28141	1.61862	1.61862	0.824351	0.908805	-1.10035	0.048931	0.380136	-2.63064	0.122066	0.486322	-2.05625	0.0868137	0.443269	-2.25596	0.261507	1.65483	1.65483	0.284936	0.620155	-1.6125	3.25936	9.55221	2.60507	1
cg01611548	UNKL	0.0553212	0.0185055	0.503075	-1.98777	0.705424	0.91271	-1.09564	0.129669	1.48253	1.48253	0.613487	1.13032	1.13032	0.185744	0.713581	-1.40138	0.656841	1.11354	1.11354	0.355878	0.795803	-1.25659	0.0149858	2.05303	2.05303	0.223774	0.735359	-1.35988	3.25934	2.98596	0.814334	1
cg09547756	PIP5K1C	0.0553213	0.495003	0.785364	-1.2733	0.186452	1.62965	1.62965	0.610008	1.19647	1.19647	0.873689	1.05704	1.05704	0.285955	0.679494	-1.47168	0.9475	0.9773	-1.02323	0.00131574	0.195908	-5.10444	0.930255	0.969937	-1.03099	0.852347	1.06713	1.06713	3.25933	6.27625	1.71167	1
cg20991916	RAMP1	0.0553214	0.808817	1.04801	1.04801	0.746261	1.06482	1.06482	0.00633957	1.98877	1.98877	0.708321	1.07541	1.07541	0.134668	1.36618	1.36618	0.951751	1.01177	1.01177	0.0601025	1.50722	1.50722	0.140176	0.735634	-1.35937	0.0883055	0.695023	-1.4388	3.25933	1.93186	0.52686	1
cg09983885	TRIM21	0.0553219	0.0436793	0.25744	-3.88439	0.0171417	0.182694	-5.47364	0.105884	0.355757	-2.81091	0.127466	0.381205	-2.62326	0.0589082	0.287001	-3.48431	0.175304	0.43024	-2.32428	0.0102138	0.150327	-6.65219	0.0245591	0.208655	-4.79261	0.155311	0.410735	-2.43466	3.25932	17.6752	4.82043	1
cg12947852	SNORD115-38	0.0553225	0.701508	0.894502	-1.11794	0.401589	0.779945	-1.28214	0.447077	0.799048	-1.25149	0.904322	1.03543	1.03543	0.0124451	0.406419	-2.46052	0.195583	1.48624	1.48624	0.0591832	1.85283	1.85283	0.850843	1.05601	1.05601	0.0185598	0.437622	-2.28508	3.25931	4.32607	1.17982	1
cg20119987	CCDC129;CCDC129	0.0553246	0.292917	0.789422	-1.26675	0.162839	1.38106	1.38106	0.375687	0.821169	-1.21778	0.868702	1.0365	1.0365	0.496447	0.861015	-1.16142	0.034031	0.584976	-1.70947	0.253125	0.772085	-1.29519	0.34176	0.808732	-1.2365	0.00284129	0.410497	-2.43607	3.25926	2.42427	0.661164	1
cg20241952	CBX2;CBX2	0.0553257	0.0179915	0.186828	-5.35252	0.0520785	0.275356	-3.63166	0.091555	0.338128	-2.95746	0.052796	0.276725	-3.61369	0.0167218	0.181824	-5.49982	0.184754	0.440008	-2.27269	0.0275748	0.218574	-4.5751	0.031311	0.228938	-4.368	0.221894	0.472703	-2.11549	3.25923	17.5826	4.7953	1
cg02743029	SERTAD4;C1orf133	0.0553258	0.0110244	0.0847391	-11.8009	0.219379	0.367974	-2.71758	0.118177	0.268972	-3.71786	0.7898	0.813177	-1.22975	0.0109538	0.0844659	-11.8391	0.352606	0.476926	-2.09676	0.0126373	0.0907383	-11.0207	0.158302	0.311166	-3.21372	0.117478	0.268186	-3.72876	3.25923	30.9277	8.43491	1
cg21117559	STARD13;STARD13;STARD13	0.0553259	0.968634	0.980116	-1.02029	0.925265	1.04909	1.04909	0.663225	1.25082	1.25082	0.926127	1.04851	1.04851	0.00143658	0.0950026	-10.526	0.447657	1.48481	1.48481	0.12609	2.32884	2.32884	0.784976	0.869627	-1.14992	0.619509	0.774395	-1.29133	3.25923	13.4668	3.67279	1
cg00056489	SH2B3	0.0553276	0.163833	1.38483	1.38483	0.310245	1.2587	1.2587	0.0645707	1.57609	1.57609	0.0328582	1.72798	1.72798	0.0974506	0.671314	-1.48961	0.708398	1.08581	1.08581	0.0197309	1.85346	1.85346	0.0801653	1.53017	1.53017	0.374918	0.819089	-1.22087	3.25919	2.47862	0.676001	1
cg06193382	FAM54A;FAM54A;FAM54A	0.0553303	0.910538	1.01366	1.01366	0.108178	1.23553	1.23553	0.386669	0.89845	-1.11303	0.512628	0.922994	-1.08343	0.850388	0.977471	-1.02305	0.242593	1.15902	1.15902	0.00303023	0.612454	-1.63278	0.154873	1.20168	1.20168	0.68584	1.0503	1.0503	3.25913	0.751664	0.205007	1
cg21092373	MIR548F5;DCLK1	0.055331	0.365093	0.571525	-1.74971	0.00258243	12.317	12.317	0.62147	1.34879	1.34879	0.268946	0.500505	-1.99798	0.544159	0.69139	-1.44636	0.119017	2.76524	2.76524	0.699607	0.792091	-1.26248	0.158888	2.47247	2.47247	0.606999	0.732056	-1.36602	3.25911	18.6538	5.08763	1
cg18549575	FLNC;FLNC	0.0553314	0.748872	1.09459	1.09459	0.00843825	0.388101	-2.57665	0.0499856	0.533136	-1.87569	0.454814	0.807168	-1.2389	0.0279646	0.481578	-2.07651	0.291389	1.3608	1.3608	0.0550984	0.542286	-1.84404	0.944159	0.980482	-1.01991	0.166605	0.660345	-1.51436	3.2591	4.08709	1.11471	1
cg05359983	ANKRD40	0.0553318	0.0658089	0.47673	-2.09762	0.535389	0.798321	-1.25263	0.650396	1.1779	1.1779	0.247656	1.54302	1.54302	0.0102062	0.312768	-3.19725	0.845442	1.07255	1.07255	0.427582	0.747762	-1.33732	0.0251452	2.60058	2.60058	0.406805	0.737472	-1.35598	3.25909	6.64725	1.81298	1
cg06969469	GLI2	0.0553327	0.056302	2.09999	2.09999	0.145818	1.70923	1.70923	0.687255	0.870293	-1.14904	0.99653	1.00149	1.00149	0.0172311	2.70773	2.70773	0.353271	1.38801	1.38801	0.00883384	3.14017	3.14017	0.0629928	2.05027	2.05027	0.0516047	2.13936	2.13936	3.25907	6.0823	1.6589	1
cg15443793	ECSIT;ECSIT;ECSIT;ECSIT	0.0553333	0.0168446	1.6738	1.6738	0.691404	1.07302	1.07302	0.381586	1.17176	1.17176	0.194585	1.27427	1.27427	0.653042	1.08321	1.08321	0.181625	1.28461	1.28461	0.0209654	0.612253	-1.63331	0.568348	0.903168	-1.10721	0.0419906	1.51275	1.51275	3.25906	1.61036	0.439217	1
cg19022839	PLOD1	0.0553344	0.0665584	0.350681	-2.85159	0.116432	0.419402	-2.38435	0.347619	0.611052	-1.63652	0.269497	0.55671	-1.79627	0.00258188	0.119122	-8.39472	0.0608499	0.340856	-2.93379	0.0492436	0.318779	-3.13697	0.966252	0.97868	-1.02178	0.111029	0.413001	-2.4213	3.25904	13.3912	3.65241	1
cg16909495	SLC17A7	0.0553344	0.0160295	0.397402	-2.51634	0.802017	0.924364	-1.08182	0.69482	1.13137	1.13137	0.425647	0.775172	-1.29004	0.070657	0.531332	-1.88206	0.00711272	0.336743	-2.96963	0.0218616	0.422631	-2.36613	0.366485	0.747937	-1.33701	0.224533	0.67073	-1.49091	3.25904	5.05827	1.37962	1
cg10706034	CEP63;ANAPC13;ANAPC13;CEP63;ANAPC13;CEP63;CEP63	0.0553354	0.0680837	0.643609	-1.55374	0.133588	1.41762	1.41762	0.582377	1.12725	1.12725	0.153822	0.719415	-1.39002	0.112331	0.688769	-1.45187	0.0479547	0.614071	-1.62848	0.20804	0.751045	-1.33148	0.0773092	1.5274	1.5274	0.161508	1.38052	1.38052	3.25901	2.40098	0.654862	1
cg26295559	ESYT2	0.0553362	0.395862	0.701298	-1.42593	0.422767	0.715955	-1.39674	0.164916	0.54632	-1.83043	0.0844197	2.17919	2.17919	0.0295506	0.351487	-2.84506	0.0498371	0.401356	-2.49155	0.024268	0.334237	-2.99189	0.506456	1.31663	1.31663	0.0757404	0.446353	-2.24038	3.25899	8.59534	2.34437	1
cg02693289	MARCH10;MARCH10	0.055337	0.979955	0.989203	-1.01092	0.244141	1.69304	1.69304	0.143676	0.507181	-1.97168	0.578614	0.784719	-1.27434	0.00352393	0.180937	-5.52679	0.933442	0.964551	-1.03675	0.0621746	0.403626	-2.47754	0.487104	1.35674	1.35674	0.0787415	0.430143	-2.32481	3.25898	9.63702	2.62851	1
cg05663122	TRIM28	0.0553376	0.207421	0.800028	-1.24996	0.0309184	0.653596	-1.53	0.134063	0.762488	-1.3115	0.252482	0.818234	-1.22214	0.308821	0.837975	-1.19335	0.160714	0.777665	-1.2859	0.373583	0.857881	-1.16566	0.0725318	1.39972	1.39972	0.033775	1.51592	1.51592	3.25896	1.45376	0.396515	1
cg15340373	API5;API5;API5;API5	0.0553382	0.00939591	0.57152	-1.74972	0.0651754	1.42154	1.42154	0.786522	1.0472	1.0472	0.866897	0.971903	-1.02891	0.477022	0.884404	-1.1307	0.401446	1.15708	1.15708	0.571498	1.10202	1.10202	0.814186	1.04081	1.04081	0.0176489	1.633	1.633	3.25895	1.48984	0.406358	1
cg00021532	TFAP4	0.055339	0.359907	0.643957	-1.5529	0.516187	1.36043	1.36043	0.51309	1.36361	1.36361	0.542419	0.749525	-1.33418	0.0324022	0.310011	-3.22569	0.88985	0.937263	-1.06694	0.00729022	0.198288	-5.04316	0.0454661	2.92312	2.92312	0.587187	0.773898	-1.29216	3.25893	11.2841	3.0778	1
cg05862027	C16orf87	0.05534	0.0887858	0.588669	-1.69875	0.0236018	0.466267	-2.14469	0.359348	0.766415	-1.30478	0.127783	0.628272	-1.59167	0.0251846	0.471661	-2.12017	0.00788425	0.382076	-2.61728	0.0798129	0.57768	-1.73106	0.907951	1.03319	1.03319	0.0699761	0.564444	-1.77166	3.25891	4.1126	1.12174	1
cg04868296	MKI67IP	0.0553408	0.31498	1.36279	1.36279	0.327386	1.35146	1.35146	0.279912	1.39741	1.39741	0.851126	0.945567	-1.05757	0.353198	0.752333	-1.3292	0.112339	0.597515	-1.6736	0.0150509	0.410599	-2.43547	0.0484579	1.9574	1.9574	0.0857464	1.76073	1.76073	3.25889	4.58039	1.24934	1
cg06551822	MVP;MVP	0.055344	0.0110298	0.239118	-4.18204	0.460006	0.713497	-1.40155	0.0397121	0.343965	-2.90727	0.0735222	0.408448	-2.44829	0.131195	0.48127	-2.07784	0.267046	0.595172	-1.68019	0.0051544	0.190582	-5.24707	0.306702	0.621953	-1.60784	0.132045	0.482166	-2.07397	3.25882	10.394	2.83512	1
cg05913962	JMJD5;JMJD5	0.0553445	0.199154	0.772163	-1.29506	0.371619	0.8396	-1.19104	0.306612	1.2235	1.2235	0.698527	0.92851	-1.07699	0.131178	0.733007	-1.36424	0.0279891	0.609706	-1.64014	0.00829709	0.525626	-1.90249	0.0174333	0.576017	-1.73606	0.22684	0.785196	-1.27357	3.25881	1.87464	0.511337	1
cg13550263	FBXW5	0.0553456	0.123442	0.780177	-1.28176	0.0303306	0.684721	-1.46045	0.585312	1.08542	1.08542	0.982642	0.996769	-1.00324	0.48746	0.900373	-1.11065	0.134385	1.27142	1.27142	0.00702201	1.67952	1.67952	0.92887	1.01337	1.01337	0.908712	1.01721	1.01721	3.25878	1.1422	0.311554	1
cg16793173	SH3RF1	0.0553458	0.282167	0.719235	-1.39037	0.0211635	0.44161	-2.26444	0.226262	0.687507	-1.45453	0.17131	1.5365	1.5365	0.021109	0.441398	-2.26553	0.177126	1.52657	1.52657	0.236199	1.442	1.442	0.377639	1.30597	1.30597	0.574345	1.18217	1.18217	3.25878	4.48811	1.22421	1
cg00588262	LYPD4;DMRTC2	0.0553461	0.222127	1.33862	1.33862	0.00876914	0.468251	-2.1356	0.168019	1.39646	1.39646	0.345661	0.801919	-1.24701	0.0277436	0.553593	-1.80638	0.420467	0.829385	-1.20571	0.808676	0.946356	-1.05668	0.453839	1.18937	1.18937	0.115073	0.677438	-1.47615	3.25877	2.66627	0.727273	1
cg17474489	FSTL3	0.055347	0.383996	0.766183	-1.30517	0.555787	1.19457	1.19457	0.327944	0.739865	-1.3516	0.0598743	0.53075	-1.88413	0.355746	0.753196	-1.32768	0.0374354	2.05547	2.05547	0.0102998	2.6237	2.6237	0.304319	1.37356	1.37356	0.826222	0.9365	-1.06781	3.25875	4.59455	1.25326	1
cg18222602	FBXW8;FBXW8	0.0553471	0.148538	0.636643	-1.57074	0.756278	1.09496	1.09496	0.778242	0.921024	-1.08575	0.689312	1.12424	1.12424	0.00991765	0.387033	-2.58376	0.233433	0.694861	-1.43914	0.0119144	2.49552	2.49552	0.635607	1.14923	1.14923	0.919169	1.03002	1.03002	3.25875	4.38242	1.19539	1
cg10864319	FIGN	0.0553474	0.377644	0.665394	-1.50287	0.101505	0.446266	-2.24082	0.103542	0.448794	-2.2282	0.591827	1.2758	1.2758	0.301231	0.617531	-1.61935	0.776733	0.879902	-1.13649	0.00123212	0.119272	-8.3842	0.59727	0.786676	-1.27117	0.607758	0.792168	-1.26236	3.25874	10.4521	2.85102	1
cg22851880	TFAP2E	0.0553477	0.112983	0.387281	-2.5821	0.0178593	0.205321	-4.87043	0.194964	0.470555	-2.12515	0.599235	0.747072	-1.33856	0.0193726	0.211224	-4.73431	0.144564	0.422414	-2.36734	0.0075524	0.151073	-6.61933	0.0424265	0.276612	-3.61517	0.338509	0.581275	-1.72035	3.25873	15.6065	4.25699	1
cg08424427	SNORD95;GNB2L1;GNB2L1	0.0553487	0.108142	1.50497	1.50497	0.0900525	1.54604	1.54604	0.0937041	1.53706	1.53706	0.089728	1.54686	1.54686	0.980602	0.994346	-1.00569	0.012629	2.06081	2.06081	0.037351	1.75677	1.75677	0.0148305	2.01179	2.01179	0.0492361	1.68785	1.68785	3.25871	2.80681	0.765623	1
cg22428027	TNFRSF8	0.0553496	0.025379	0.328308	-3.04592	0.0181332	0.300401	-3.32889	0.0746352	0.435034	-2.29867	0.0652672	0.420056	-2.38064	0.305998	0.641324	-1.55928	0.101912	0.47218	-2.11784	0.0730869	0.432656	-2.31131	0.00903923	0.248878	-4.01803	0.73644	0.867984	-1.15209	3.25869	9.0662	2.47303	1
cg10146514	KIF25;KIF25	0.0553497	0.578322	1.20281	1.20281	0.725391	0.890491	-1.12298	0.397321	0.751992	-1.3298	0.645605	1.1645	1.1645	0.0155042	0.376645	-2.65502	0.0464438	0.472311	-2.11725	0.0217235	2.47468	2.47468	0.627704	1.17436	1.17436	0.155271	0.60644	-1.64897	3.25869	5.58205	1.52264	1
cg02167358	AP1S2	0.0553514	0.546205	0.765267	-1.30673	0.420244	1.43438	1.43438	0.28971	1.61833	1.61833	0.197123	0.550287	-1.81723	0.0259825	0.314215	-3.18254	0.978277	0.988143	-1.012	0.00684535	0.215604	-4.63814	0.037716	0.347906	-2.87434	0.650984	0.819136	-1.2208	3.25865	9.90394	2.70158	1
cg10374084	C19orf41	0.0553516	0.0662782	6.39157	6.39157	0.361189	2.3286	2.3286	0.792818	0.788956	-1.2675	0.797296	1.26084	1.26084	0.154731	0.253713	-3.94146	0.779655	1.28733	1.28733	0.00815352	0.0473874	-21.1026	0.0755515	5.9385	5.9385	0.190317	3.48678	3.48678	3.25864	41.8521	11.4164	1
cg08116199	PCMTD2;PCMTD2	0.0553527	0.0252976	0.520877	-1.91984	0.52517	0.853924	-1.17106	0.0146332	0.47843	-2.09017	0.262244	0.750741	-1.33202	0.148916	1.46176	1.46176	0.191496	0.712378	-1.40375	0.0138063	0.474074	-2.10938	0.614742	0.882968	-1.13254	0.440434	0.824521	-1.21283	3.25862	3.10425	0.84678	1
cg17805072	GPRIN1	0.0553536	0.0839173	0.401626	-2.48988	0.00869736	0.202945	-4.92745	0.697515	0.830027	-1.20478	0.654098	0.806444	-1.24001	0.0419722	0.326969	-3.05839	0.124422	0.452267	-2.21108	0.010565	0.215653	-4.63707	0.0441333	0.331869	-3.01324	0.45936	0.698143	-1.43237	3.2586	11.7409	3.20271	1
cg24352369	LOC440839	0.0553536	0.81906	0.936858	-1.0674	0.85499	0.949257	-1.05346	0.985266	1.00527	1.00527	0.00144542	0.269684	-3.70804	0.0649558	0.554362	-1.80388	0.640265	0.874608	-1.14337	0.432257	1.25627	1.25627	0.834855	1.06123	1.06123	0.58735	1.1688	1.1688	3.2586	4.18187	1.14074	1
cg23470914	MBP;MBP	0.0553558	0.153068	0.582962	-1.71538	0.237999	0.646666	-1.54639	0.146786	1.7319	1.7319	0.596752	1.20721	1.20721	0.229716	0.641163	-1.55966	0.0146877	0.346685	-2.88446	0.844001	1.07195	1.07195	0.0152892	0.349839	-2.85846	0.300216	1.46026	1.46026	3.25855	6.41919	1.75107	1
cg02267698	CTXN1	0.0553568	0.344147	0.801021	-1.24841	0.00665411	0.448533	-2.22949	0.248652	0.759904	-1.31596	0.373636	0.812257	-1.23114	0.653866	0.90234	-1.10823	0.485215	0.850886	-1.17525	0.00678744	0.44989	-2.22276	0.0940977	0.657643	-1.52058	0.343232	1.24897	1.24897	3.25853	2.67534	0.729804	1
cg08554114	ERO1L	0.0553602	0.0712464	0.521182	-1.91872	0.880379	0.952463	-1.04991	0.0856126	1.84877	1.84877	0.118303	0.57784	-1.73058	0.0668932	0.514602	-1.94325	0.371552	0.74324	-1.34546	0.692349	1.13726	1.13726	0.729703	0.893882	-1.11872	0.00602853	0.313372	-3.1911	3.25845	5.39821	1.47261	1
cg09299592	SGSM3	0.0553606	0.0842237	0.563036	-1.77608	0.19732	0.66378	-1.50652	0.644747	1.14982	1.14982	0.0711867	1.83311	1.83311	0.157748	0.634959	-1.5749	0.36162	0.754291	-1.32575	0.0111567	0.384244	-2.60251	0.145128	1.60075	1.60075	0.277633	0.712133	-1.40423	3.25844	4.66608	1.27289	1
cg25019564	RALBP1	0.0553624	0.0281278	0.592454	-1.68789	0.768763	1.06132	1.06132	0.434239	1.17477	1.17477	0.139123	0.725151	-1.37902	0.0408796	0.620978	-1.61036	0.109425	0.703033	-1.42241	0.0135086	0.539445	-1.85376	0.745045	0.936252	-1.06809	0.231557	1.2883	1.2883	3.2584	2.10319	0.573749	1
cg26484631	ULBP1	0.0553636	0.0147009	0.242874	-4.11736	0.348919	0.634812	-1.57527	0.40065	0.666699	-1.49993	0.0534436	0.355659	-2.81169	0.0295062	0.298828	-3.3464	0.077641	0.39684	-2.5199	0.00564071	0.180524	-5.53942	0.295229	0.599571	-1.66786	0.246061	0.564572	-1.77125	3.25837	11.4603	3.1264	1
cg08456281	KRBA2	0.055364	0.306313	0.82993	-1.20492	0.0396717	1.51995	1.51995	0.0246539	0.624424	-1.60148	0.467279	0.877931	-1.13904	0.263247	0.814421	-1.22787	0.360395	0.847474	-1.17998	0.0314585	1.55907	1.55907	0.616665	1.09289	1.09289	0.250483	1.23535	1.23535	3.25836	1.59862	0.436109	1
cg15394558	CCDC42;CCDC42	0.0553642	0.653514	1.17744	1.17744	0.100771	1.91513	1.91513	0.448575	1.32204	1.32204	0.352706	1.41298	1.41298	0.00409575	0.248477	-4.02451	0.778225	1.10746	1.10746	0.137964	0.561344	-1.78144	0.254194	1.53789	1.53789	0.327948	1.44056	1.44056	3.25836	6.74373	1.83971	1
cg26713179	ZNF766	0.0553648	0.0497909	0.465737	-2.14713	0.543635	0.81065	-1.23358	0.150278	0.590618	-1.69314	0.600529	1.19773	1.19773	0.0115538	0.340108	-2.94024	0.165534	0.603468	-1.65709	0.00691252	0.30306	-3.29968	0.12011	0.562261	-1.77853	0.962201	0.983947	-1.01632	3.25834	6.01782	1.64169	1
cg24407827	C1orf88	0.0553653	0.447965	1.12523	1.12523	0.754096	0.953191	-1.04911	0.200984	0.813798	-1.22881	0.764864	0.955269	-1.04683	0.00992594	0.608417	-1.64361	0.0348086	0.687071	-1.45545	0.448245	0.888778	-1.12514	0.106286	1.30877	1.30877	0.121795	1.2916	1.2916	3.25833	1.2011	0.327665	1
cg22785492	PAMR1;PAMR1	0.0553655	0.0499096	0.637088	-1.56964	0.440604	0.853373	-1.17182	0.296814	0.80406	-1.24369	0.294651	0.803215	-1.245	0.753313	0.938414	-1.06563	0.843992	1.04052	1.04052	0.00306565	2.26477	2.26477	0.50718	0.873135	-1.1453	0.994788	0.998684	-1.00132	3.25833	2.09764	0.572248	1
cg14610884	TSPYL4	0.0553676	0.0220596	0.454279	-2.20129	0.068111	0.555927	-1.7988	0.210038	0.68411	-1.46175	0.754196	1.09447	1.09447	0.26525	1.39608	1.39608	0.0109907	0.39973	-2.50169	0.317426	1.34583	1.34583	0.697325	1.11888	1.11888	0.55359	1.18794	1.18794	3.25828	4.26221	1.16277	1
cg25739700	MIS12	0.0553687	0.068018	0.566525	-1.76515	0.0659917	0.563566	-1.77441	0.0499003	0.536995	-1.86222	0.154323	0.654463	-1.52797	0.0985698	0.604328	-1.65473	0.0242387	0.473844	-2.1104	0.0050352	0.356487	-2.80515	0.467048	0.814025	-1.22846	0.0798929	0.582567	-1.71654	3.25826	3.98908	1.08827	1
cg16578923	MARCH10;MARCH10	0.0553687	0.0198853	0.38724	-2.58237	0.0224701	0.397446	-2.51606	0.110565	0.55608	-1.7983	0.118148	0.564052	-1.77289	0.00562355	0.293254	-3.41002	0.0691011	0.503361	-1.98665	0.164174	0.605931	-1.65035	0.458312	0.775012	-1.2903	0.181284	0.619414	-1.61443	3.25825	5.87795	1.60357	1
cg11196851	OSCAR;OSCAR;OSCAR;OSCAR	0.0553689	0.583074	1.39235	1.39235	0.0021651	13.0672	13.0672	0.850927	1.11889	1.11889	0.747416	0.824535	-1.21281	0.86837	0.905708	-1.10411	0.883648	1.09137	1.09137	0.0837048	0.318883	-3.13594	?	?	?	0.568833	1.41036	1.41036	3.30476	16.5869	5.01908	1
cg16553427	IL16	0.0553705	0.0793923	0.682817	-1.46452	0.786765	1.05456	1.05456	0.977221	0.994421	-1.00561	0.0015364	0.409415	-2.44251	0.168816	0.750315	-1.33277	0.258638	0.793798	-1.25977	0.357103	0.830632	-1.2039	0.155258	0.742315	-1.34714	0.116438	0.715883	-1.39688	3.25821	1.98097	0.540437	1
cg26725047	RPS6KA2;RPS6KA2	0.0553724	0.0338442	3.96411	3.96411	0.0251046	4.39752	4.39752	0.0547761	3.35671	3.35671	0.956971	0.970451	-1.03045	0.304894	0.553985	-1.8051	0.410185	1.59709	1.59709	0.0729067	3.04062	3.04062	0.0142574	5.36722	5.36722	0.198216	2.12958	2.12958	3.25817	15.9459	4.35033	1
cg06553871	SPTBN4	0.0553725	0.0100381	3.23553	3.23553	0.0528089	2.21516	2.21516	0.914551	1.03954	1.03954	0.0812348	2.01056	2.01056	0.0698157	2.08046	2.08046	0.0108313	3.17812	3.17812	0.0561021	2.18529	2.18529	0.173301	1.68797	1.68797	0.616395	1.20022	1.20022	3.25817	6.73698	1.83797	1
cg12516455	SPC24	0.0553728	0.00822157	0.625255	-1.59935	0.123176	1.26108	1.26108	0.0940713	1.29136	1.29136	0.683475	0.94465	-1.05859	0.100712	0.779014	-1.28367	0.838773	0.972099	-1.0287	0.216368	0.834684	-1.19806	0.975145	0.995682	-1.00434	0.156725	1.23417	1.23417	3.25816	0.995598	0.271618	1
cg01615850	TRMT1;TRMT1;TRMT1	0.0553735	0.0198563	0.416122	-2.40314	0.797489	1.08348	1.08348	0.473142	1.25546	1.25546	0.589634	1.18505	1.18505	0.0239131	0.431601	-2.31695	0.0683868	0.529294	-1.88931	0.0147384	0.39224	-2.54946	0.726667	0.896347	-1.11564	0.202543	0.657375	-1.5212	3.25815	5.01694	1.36872	1
cg05993265	MFSD10;MFSD10	0.0553746	0.103723	1.54477	1.54477	0.156663	1.44815	1.44815	0.00728058	2.33034	2.33034	0.737232	0.920991	-1.08579	0.379808	0.802356	-1.24633	0.364434	1.25582	1.25582	0.061088	1.6751	1.6751	0.0189777	2.00226	2.00226	0.1558	1.44942	1.44942	3.25812	3.08262	0.841008	1
cg18594706	MGMT	0.0553758	0.375724	0.805502	-1.24146	0.0126674	2.09019	2.09019	0.952768	1.01419	1.01419	0.539219	1.1594	1.1594	0.685786	0.907764	-1.10161	0.0139559	0.485572	-2.05943	0.0548303	0.595627	-1.6789	0.753498	1.07783	1.07783	0.647831	0.896356	-1.11563	3.25809	2.92091	0.796897	1
cg11576176	GSX2	0.055376	0.414949	0.678815	-1.47316	0.263604	1.71908	1.71908	0.692414	1.20303	1.20303	0.0162878	0.255194	-3.91859	0.945795	1.03212	1.03212	0.534459	1.33976	1.33976	0.0113001	4.37094	4.37094	0.276827	1.69189	1.69189	0.0935818	2.35692	2.35692	3.25809	11.153	3.04283	1
cg02206373	STEAP2;STEAP2;STEAP2	0.0553765	0.134257	0.354654	-2.81965	0.889809	1.09307	1.09307	0.0293847	5.19147	5.19147	0.0754614	3.56219	3.56219	0.162876	0.384343	-2.60184	0.779372	1.19755	1.19755	0.0175131	0.156277	-6.3989	0.536803	0.669324	-1.49404	0.33026	0.524705	-1.90583	3.25808	21.2632	5.80116	1
cg05617483	C15orf27	0.0553769	0.913124	1.02587	1.02587	0.00153734	2.90541	2.90541	0.283937	1.2976	1.2976	0.764315	1.0729	1.0729	0.268459	1.30963	1.30963	0.17966	1.39588	1.39588	0.264784	0.761853	-1.31259	0.472183	0.842704	-1.18666	0.453128	1.19585	1.19585	3.25807	2.82617	0.771056	1
cg11849385	SMOC2;SMOC2	0.055377	0.236459	0.794787	-1.2582	0.0575282	1.4884	1.4884	0.028027	0.618457	-1.61693	0.23568	0.794455	-1.25872	0.273587	0.809811	-1.23486	0.204302	0.780338	-1.2815	0.0325789	1.58904	1.58904	0.382137	1.18052	1.18052	0.430662	0.861628	-1.16059	3.25807	1.76895	0.482619	1
cg11268190	TNFRSF1A	0.0553774	0.91503	0.976745	-1.02381	0.442339	1.18851	1.18851	0.259053	0.771366	-1.2964	0.299067	0.788772	-1.26779	0.590391	1.12727	1.12727	0.0377144	1.70125	1.70125	0.00840099	2.10053	2.10053	0.224418	1.32491	1.32491	0.0893133	0.661641	-1.51139	3.25806	2.50795	0.684239	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00255368	ESRRG	0.0553776	0.0554279	4.55861	4.55861	0.044765	5.00142	5.00142	0.187665	2.65287	2.65287	0.148374	2.95432	2.95432	0.0185629	7.34925	7.34925	0.344931	0.506755	-1.97334	0.66863	0.740173	-1.35104	0.0150176	8.07579	8.07579	0.184122	2.67641	2.67641	3.25805	25.1935	6.8735	1
cg13285458	CACNB3	0.055378	0.378582	1.3812	1.3812	0.226967	1.57632	1.57632	0.0490959	2.26321	2.26321	0.424767	1.33803	1.33803	0.135769	0.560376	-1.78452	?	?	?	0.0136389	0.32489	-3.07797	0.15044	0.574194	-1.74157	0.53747	0.800303	-1.24953	3.57069	6.23999	1.52912	1
cg01204982	SLCO2B1;SLCO2B1;SLCO2B1	0.0553801	0.420668	0.598316	-1.67136	0.0117368	0.14009	-7.13825	0.0322259	0.208891	-4.78719	0.184308	0.4151	-2.40906	0.0645022	0.273448	-3.657	0.0569595	0.26056	-3.83788	0.0127782	0.144977	-6.89766	0.0471135	0.242076	-4.13093	0.155664	0.387331	-2.58177	3.258	20.1138	5.48771	1
cg00929606	ZNF3;ZNF3	0.0553805	0.404777	0.802035	-1.24683	0.0105096	2.30076	2.30076	0.257586	1.35764	1.35764	0.460409	1.21469	1.21469	0.030408	0.51765	-1.93181	0.155448	1.48197	1.48197	0.269665	0.742693	-1.34645	0.352882	0.780838	-1.28068	0.337814	1.29138	1.29138	3.25799	3.45572	0.942838	1
cg08899786	HLA-E	0.0553817	0.251975	1.30315	1.30315	0.698792	1.08984	1.08984	0.370476	1.22566	1.22566	0.333894	1.24672	1.24672	0.375801	0.817825	-1.22276	0.99992	1.00002	1.00002	0.00502848	0.439981	-2.27282	0.0333941	1.73331	1.73331	0.443011	0.841092	-1.18893	3.25796	2.52597	0.689177	1
cg19328814	ZNF519	0.0553817	0.241534	0.681546	-1.46725	0.09114	1.7895	1.7895	0.00802274	2.89321	2.89321	0.77802	0.915408	-1.09241	0.626529	0.857815	-1.16575	0.454103	1.26932	1.26932	0.0335825	0.460078	-2.17354	0.310238	0.720095	-1.38871	0.687333	1.13489	1.13489	3.25796	5.04669	1.37692	1
cg02857726	TM4SF1	0.0553819	0.00864415	0.114786	-8.71187	0.0978346	0.309019	-3.23605	0.212274	0.42761	-2.33858	0.0813539	0.286717	-3.48776	0.0284664	0.187895	-5.32212	0.212404	0.427724	-2.33796	0.0483268	0.232494	-4.3012	0.0240245	0.175415	-5.70076	0.0439279	0.223753	-4.46921	3.25795	21.5741	5.88619	1
cg05963690	NADSYN1	0.0553826	0.118963	0.552071	-1.81136	0.066608	2.05868	2.05868	0.119962	1.80798	1.80798	0.642084	0.848468	-1.17859	0.123776	0.556998	-1.79534	0.261593	1.50831	1.50831	0.0456054	0.447224	-2.23602	0.0434453	0.442518	-2.2598	0.340443	0.708299	-1.41183	3.25794	6.35919	1.73503	1
cg09505918	FAM71A	0.0553837	0.022595	0.136503	-7.32586	0.249729	0.415891	-2.40448	0.125307	0.298189	-3.35358	0.162211	0.336761	-2.96947	0.0093449	0.0903314	-11.0703	0.0516272	0.198767	-5.03101	0.0102719	0.0944989	-10.5821	0.250885	0.416861	-2.39888	0.1462	0.320564	-3.11951	3.25792	27.447	7.48863	1
cg11409139	HCG18;HCG18	0.055384	0.0132299	0.209545	-4.77224	0.0607667	0.34101	-2.93246	0.41266	0.652941	-1.53153	0.15838	0.464213	-2.15418	0.0226383	0.249326	-4.01081	0.273884	0.560199	-1.78508	0.0090484	0.184803	-5.41117	0.0767406	0.367205	-2.72328	0.0972399	0.396034	-2.52504	3.25791	13.3646	3.6464	1
cg23539970	MYST3;MYST3;MYST3	0.0553849	0.614686	0.851122	-1.17492	0.00332706	0.281017	-3.55851	0.157036	0.618386	-1.61711	0.891324	0.957514	-1.04437	0.0181172	0.40194	-2.48793	0.0882619	0.550268	-1.8173	0.359323	0.741319	-1.34895	0.497429	1.24456	1.24456	0.205421	0.654251	-1.52847	3.25789	5.20411	1.4199	1
cg14197071	PRDM8	0.0553858	0.0639421	10.8905	10.8905	0.0329215	17.4799	17.4799	0.232985	4.19629	4.19629	0.140747	6.1535	6.1535	0.0630298	11.0028	11.0028	0.0812232	9.17751	9.17751	0.0095067	43.2718	43.2718	0.0199146	25.0923	25.0923	0.0476715	13.4249	13.4249	3.25787	67.8575	18.5145	1
cg08966208	HCCA2;LOC402778	0.055386	0.567154	1.32659	1.32659	0.0326113	0.294692	-3.39337	0.0543406	2.90597	2.90597	0.153638	2.1094	2.1094	0.437215	0.678944	-1.47288	0.0173672	0.242843	-4.11789	0.446112	0.684236	-1.46149	0.588677	0.765867	-1.30571	0.255312	1.78648	1.78648	3.25786	12.3172	3.36067	1
cg07534554	POU2AF1	0.0553865	0.0167228	2.48997	2.48997	0.112514	1.71534	1.71534	0.290339	1.40881	1.40881	0.266199	1.43597	1.43597	0.0634082	0.521016	-1.91933	0.495358	0.805549	-1.24139	0.186881	1.54801	1.54801	0.0224435	2.3493	2.3493	0.254916	1.44956	1.44956	3.25785	5.03331	1.37332	1
cg23322383	STARD8;STARD8;STARD8	0.0553868	0.983554	0.993529	-1.00651	0.89447	1.04268	1.04268	0.1262	0.593888	-1.68382	0.0266262	0.437164	-2.28747	0.01457	0.387679	-2.57945	0.650535	1.15445	1.15445	0.470829	0.793716	-1.2599	0.0943066	1.7847	1.7847	0.0423903	0.478939	-2.08795	3.25784	5.11751	1.39629	1
cg05800683	KCTD1;KCTD1;KCTD1	0.055387	?	?	?	0.324036	2.0579	2.0579	0.529772	1.56099	1.56099	0.0467915	0.176803	-5.656	0.163772	0.340761	-2.93461	?	?	?	0.0487366	0.180781	-5.53156	0.0106018	0.0726382	-13.7669	0.83162	1.15932	1.15932	4.62696	25.1685	3.88538	1
cg07671976	TNFRSF18;TNFRSF18;TNFRSF18	0.0553872	0.0413614	3.36039	3.36039	0.320873	1.69613	1.69613	0.156039	2.18535	2.18535	0.0497419	3.16779	3.16779	0.716487	1.20669	1.20669	0.0440663	3.29296	3.29296	0.00325437	7.9009	7.9009	0.192054	2.03677	2.03677	0.082579	2.69241	2.69241	3.25784	13.6924	3.73592	1
cg11093640	HK3	0.055389	0.642678	1.10518	1.10518	0.307459	1.25373	1.25373	0.0394215	0.6005	-1.66528	0.525553	0.871374	-1.14761	0.203386	0.750235	-1.33292	0.351788	1.22765	1.22765	0.400005	1.2025	1.2025	0.637131	1.10705	1.10705	0.00416576	0.439586	-2.27487	3.25779	2.36377	0.644955	1
cg13108049	ADSS	0.0553893	0.993768	0.997948	-1.00206	0.864844	0.956194	-1.04581	0.0216748	0.48441	-2.06437	0.15305	1.49533	1.49533	0.0865605	0.607878	-1.64507	0.362249	1.2792	1.2792	0.134922	0.654573	-1.52771	0.0228666	2.04616	2.04616	0.458047	0.819803	-1.21981	3.25779	3.56724	0.973324	1
cg04319651	TPO;TPO;TPO;TPO	0.0553896	0.787849	0.951148	-1.05136	0.0824897	1.42924	1.42924	0.184749	0.770122	-1.2985	0.0499275	0.660209	-1.51467	0.15833	1.32318	1.32318	0.70715	0.932318	-1.0726	0.0118813	1.79157	1.79157	0.150237	1.33159	1.33159	0.777592	0.948775	-1.05399	3.25778	1.7791	0.485428	1
cg14510729	KIAA0226;KIAA0226;KIAA0226	0.0553899	0.0255474	0.468788	-2.13316	0.426683	1.2608	1.2608	0.951418	1.01755	1.01755	0.0136135	0.418299	-2.39063	0.304852	1.35445	1.35445	0.261801	0.71597	-1.39671	0.627192	0.869575	-1.14999	0.0176046	0.438379	-2.28113	0.684726	1.12362	1.12362	3.25777	4.20658	1.14777	1
cg23998435	SLC12A7	0.0553904	0.0302502	0.543234	-1.84083	0.0897369	1.56523	1.56523	0.577575	0.873925	-1.14426	0.506135	1.17537	1.17537	0.0330719	0.55052	-1.81647	0.177563	0.709485	-1.40947	0.0413346	1.7571	1.7571	0.784159	0.936352	-1.06797	0.565121	1.14946	1.14946	3.25776	2.96015	0.807686	1
cg03392753	COX19	0.0553909	0.662543	0.77159	-1.29603	0.148568	2.49669	2.49669	0.425485	1.61699	1.61699	0.00272923	0.0868899	-11.5088	0.199242	0.4489	-2.22767	0.733728	0.817401	-1.22339	0.899076	1.07781	1.07781	0.158713	0.410818	-2.43417	0.117611	0.366565	-2.72803	3.25775	17.9912	4.90897	1
cg27368726	C2orf58	0.0553912	0.00568268	0.265443	-3.76729	0.482856	1.29791	1.29791	0.583328	1.22451	1.22451	0.307315	1.47166	1.47166	0.294847	0.672185	-1.48769	0.0810542	2.02837	2.02837	0.960931	0.982249	-1.01807	0.444953	1.32938	1.32938	0.0636204	0.466515	-2.14355	3.25775	6.89736	1.88197	1
cg20112079	VENTX	0.0553912	0.138249	2.66138	2.66138	0.778577	0.841234	-1.18873	0.752988	0.823965	-1.21364	0.0295262	4.81516	4.81516	0.721514	1.24546	1.24546	0.56552	0.700273	-1.42802	0.0068921	0.117028	-8.54499	0.115996	2.85122	2.85122	0.822491	1.14776	1.14776	3.25774	19.4081	5.29557	1
cg26632494	C5orf44;TRIM23;C5orf44;C5orf44;TRIM23;C5orf44;TRIM23	0.0553913	0.0644746	0.556472	-1.79704	0.330834	1.32731	1.32731	0.00343512	3.06963	3.06963	0.248365	1.40568	1.40568	0.239826	1.41527	1.41527	0.63833	0.874939	-1.14294	0.691507	1.11913	1.11913	0.445217	1.24559	1.24559	0.107159	1.64259	1.64259	3.25774	4.10874	1.12109	1
cg04069381	HDAC4	0.0553915	0.599046	0.930162	-1.07508	0.333661	0.872782	-1.14576	0.329869	0.871788	-1.14707	0.0226839	1.45099	1.45099	0.416674	1.11993	1.11993	0.0394683	1.38407	1.38407	0.0138161	1.5147	1.5147	0.719394	0.951963	-1.05046	0.381531	0.884732	-1.13029	3.25774	0.960707	0.262134	1
cg04134048	TNFRSF10D	0.055392	0.093818	3.50013	3.50013	0.047435	4.67351	4.67351	0.177349	2.65066	2.65066	0.2832	2.13428	2.13428	0.0163143	7.36449	7.36449	0.054723	4.39984	4.39984	0.00657473	11.0207	11.0207	0.049042	4.60824	4.60824	0.163704	2.74716	2.74716	3.25773	23.8524	6.50826	1
cg06015656	NCLN	0.0553925	0.725855	0.95533	-1.04676	0.651248	0.942641	-1.06085	0.0554187	0.754398	-1.32556	0.341366	0.880497	-1.13572	0.692146	0.949652	-1.05302	0.363776	1.1288	1.1288	0.00297538	1.69736	1.69736	0.408516	1.11598	1.11598	0.502377	0.915425	-1.09239	3.25771	0.869388	0.237218	1
cg13876163	C1orf228;TMEM53;C1orf228	0.0553952	0.401139	0.838021	-1.19329	0.00233317	2.39635	2.39635	0.56593	0.887519	-1.12674	0.656687	1.09636	1.09636	0.354958	1.21613	1.21613	0.852332	0.962407	-1.03906	0.180952	0.746709	-1.33921	0.146714	0.725939	-1.37753	0.667104	1.09306	1.09306	3.25765	2.18159	0.595272	1
cg09418922	ABR;ABR;ABR	0.0553954	0.0159122	3.10329	3.10329	0.0791968	2.11168	2.11168	0.339181	1.45916	1.45916	0.136109	1.85152	1.85152	0.823161	1.08965	1.08965	0.433458	1.35877	1.35877	0.209585	1.66068	1.66068	0.144226	0.547893	-1.82518	0.0083697	3.64081	3.64081	3.25765	7.5904	2.07113	1
cg11787907	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.0553958	0.912624	1.02972	1.02972	0.315016	0.75791	-1.31942	0.256337	0.728983	-1.37177	0.267144	0.734601	-1.36128	0.429952	0.806584	-1.2398	0.000902816	0.265807	-3.76213	0.842358	1.05456	1.05456	0.700486	0.902018	-1.10862	0.235021	0.717436	-1.39385	3.25764	3.67243	1.00207	1
cg23841819	NFASC;NFASC;NFASC;NFASC	0.0553996	0.235926	1.48166	1.48166	0.305957	1.39869	1.39869	0.205075	0.654921	-1.5269	0.0362413	2.16149	2.16149	0.0355799	0.460968	-2.16935	0.986462	0.994644	-1.00539	0.0293727	2.25299	2.25299	0.144061	1.64344	1.64344	0.227676	1.49311	1.49311	3.25755	5.16972	1.41066	1
cg11285807	GNAS;GNASAS	0.0554004	0.845444	1.03272	1.03272	0.754217	0.94951	-1.05317	0.626603	0.922306	-1.08424	0.69211	0.936453	-1.06786	0.00688154	0.561476	-1.78102	0.68427	0.934783	-1.06977	0.00772045	1.75867	1.75867	0.535719	0.901718	-1.10899	0.916685	0.982887	-1.01741	3.25753	1.40391	0.383086	1
cg12664038	BCAN;BCAN	0.0554008	0.117231	0.30055	-3.32724	0.00422592	0.066808	-14.9683	0.0124806	0.111249	-8.98888	0.282905	0.454634	-2.19957	0.0811682	0.255141	-3.9194	0.129268	0.314104	-3.18366	0.0673088	0.234922	-4.25672	0.133284	0.318491	-3.13981	0.463095	0.589981	-1.69497	3.25753	25.7506	7.02663	1
cg00320625	MRPS18B;PPP1R10	0.0554038	0.128868	0.528069	-1.89369	0.113106	1.95603	1.95603	0.386304	1.41275	1.41275	0.0926529	0.486773	-2.05435	0.124719	0.523781	-1.90919	0.55026	0.790444	-1.26511	0.00544117	0.241017	-4.14909	0.150834	0.549337	-1.82038	0.903317	0.953819	-1.04842	3.25746	7.80996	2.13117	1
cg03025473	PARD3B;PARD3B;PARD3B	0.0554044	0.0807626	0.363205	-2.75327	0.00756131	0.165782	-6.03203	0.00900993	0.176129	-5.67766	0.406517	0.641411	-1.55906	0.0310313	0.26606	-3.75855	0.198782	0.491559	-2.03435	0.125101	0.4197	-2.38266	0.732522	0.835758	-1.19652	0.152221	0.448387	-2.23022	3.25744	14.1106	3.85049	1
cg24875808	AGBL1	0.0554045	0.046191	0.344176	-2.90549	0.378862	0.656024	-1.52433	0.0476847	0.347366	-2.8788	0.0562358	0.364384	-2.74436	0.0386593	0.326857	-3.05944	0.552571	0.755372	-1.32385	0.00795967	0.204212	-4.89687	0.189585	0.522666	-1.91327	0.0210262	0.273597	-3.65502	3.25744	11.2482	3.06941	1
cg24743682	HIST1H3D;HIST1H2BF;HIST1H2AD	0.0554053	0.462899	1.03337	1.03337	0.0310544	1.1176	1.1176	0.239642	0.947352	-1.05557	0.630521	1.02152	1.02152	0.144089	1.07136	1.07136	0.0568936	0.909692	-1.09927	0.014499	1.14145	1.14145	0.24425	1.05497	1.05497	0.252837	1.05386	1.05386	3.25742	0.0995339	0.0271609	1
cg13603214	GNLY;GNLY	0.0554059	0.624841	0.88661	-1.12789	0.688696	0.906337	-1.10334	0.000756169	0.287331	-3.48031	0.405549	0.812363	-1.23098	0.252535	0.74687	-1.33892	0.629551	0.888083	-1.12602	0.188589	0.711645	-1.40519	0.776861	0.932965	-1.07185	0.454098	0.830094	-1.20468	3.25741	3.07652	0.839529	1
cg14563868	LYSMD2;TMOD2;TMOD2	0.0554066	0.0216129	4.8241	4.8241	0.395101	0.608432	-1.64357	0.768539	1.18335	1.18335	0.0357266	4.03177	4.03177	0.455346	1.54307	1.54307	0.0451465	0.269488	-3.71075	0.0654228	3.25356	3.25356	0.273637	1.91536	1.91536	0.1547	2.38442	2.38442	3.25739	16.7899	4.58169	1
cg26705764	TTBK1	0.0554079	0.356777	1.30822	1.30822	0.00877534	0.388226	-2.57582	0.0216541	0.457679	-2.18494	0.401792	1.27539	1.27539	0.577941	1.17272	1.17272	0.992173	1.00278	1.00278	0.0531733	0.53647	-1.86404	0.407476	1.27149	1.27149	0.588076	0.856401	-1.16768	3.25736	4.14549	1.13125	1
cg07179816	EFCAB1;EFCAB1;EFCAB1	0.0554087	0.616363	0.739885	-1.35156	0.0391537	4.15184	4.15184	0.780236	0.846357	-1.18154	0.757246	0.831178	-1.20311	0.159197	0.407674	-2.45294	0.0101088	0.144373	-6.92648	?	?	?	0.104595	2.88053	2.88053	0.432571	0.620237	-1.61229	3.30383	16.5433	5.00732	1
cg10386445	KIF3C	0.0554091	0.401253	0.910336	-1.0985	0.0252115	1.3378	1.3378	0.187614	1.16497	1.16497	0.186163	1.16562	1.16562	0.823586	0.975881	-1.02471	0.935987	1.00882	1.00882	0.630872	0.94844	-1.05436	0.549814	1.0684	1.0684	0.00300998	1.56012	1.56012	3.25734	0.616782	0.168313	1
cg08492720	USP46;USP46	0.05541	0.338373	1.32557	1.32557	0.160867	1.53376	1.53376	0.191464	1.48431	1.48431	0.0130978	2.40802	2.40802	0.0139427	0.420072	-2.38055	0.171112	1.51615	1.51615	0.958105	0.98511	-1.01512	0.31794	1.34286	1.34286	0.991363	0.996914	-1.0031	3.25732	4.20747	1.14817	1
cg03604892	C2orf89	0.0554117	0.566534	1.4916	1.4916	0.975515	1.02141	1.02141	0.0897583	3.63576	3.63576	0.0382117	5.24763	5.24763	0.0196577	6.99369	6.99369	0.421609	0.567469	-1.76221	0.803027	0.841573	-1.18825	0.0139269	8.13761	8.13761	0.0463784	4.82945	4.82945	3.25728	24.5712	6.70532	1
cg19201019	B3GNT8	0.0554124	0.287348	1.40857	1.40857	0.0083552	2.84363	2.84363	0.849199	1.06081	1.06081	0.646721	0.866665	-1.15385	0.0240186	0.433962	-2.30435	0.197914	0.655732	-1.52501	0.733142	0.899311	-1.11196	0.144833	1.62515	1.62515	0.471441	1.25503	1.25503	3.25726	4.96083	1.35378	1
cg01065977	ISYNA1;ISYNA1;ISYNA1	0.0554125	0.97666	1.00944	1.00944	0.069685	1.91864	1.91864	0.436431	1.29048	1.29048	0.209491	1.52938	1.52938	0.0273383	0.43231	-2.31316	0.742684	0.899588	-1.11162	0.0156949	2.58873	2.58873	0.0734579	1.89848	1.89848	0.209694	1.52906	1.52906	3.25726	5.32235	1.45244	1
cg13445486	SRGN	0.0554129	0.118349	0.51174	-1.95412	0.439097	0.732124	-1.36589	0.0324078	0.371715	-2.69023	0.0281652	0.35907	-2.78497	0.0031069	0.202235	-4.94474	0.404459	0.713871	-1.40081	0.257876	0.627192	-1.59441	0.800713	0.904892	-1.1051	0.0837549	0.469459	-2.13011	3.25725	8.05381	2.19785	1
cg14420715	DOCK10	0.0554131	0.827718	0.956131	-1.04588	?	?	?	0.703877	0.924409	-1.08177	0.0769736	0.667123	-1.49897	0.0385906	1.63747	1.63747	0.0531232	0.636168	-1.57191	0.909787	1.0236	1.0236	0.861824	1.03651	1.03651	0.0139852	0.53542	-1.86769	3.30373	1.97038	0.596411	1
cg19589795	CROCC	0.0554132	0.362871	1.32616	1.32616	0.161421	1.57053	1.57053	0.26155	0.702284	-1.42393	0.659169	1.14337	1.14337	0.00506142	0.326684	-3.06106	0.284718	1.39855	1.39855	0.0731255	1.82813	1.82813	0.737908	0.903595	-1.10669	0.286746	1.39643	1.39643	3.25725	4.70047	1.28274	1
cg19131049	TNRC6B	0.0554137	0.33335	0.827378	-1.20864	0.0400156	1.56943	1.56943	0.943862	1.01346	1.01346	0.375282	1.18863	1.18863	0.088088	0.699476	-1.42964	?	?	?	0.401683	1.17703	1.17703	0.0783103	0.689756	-1.44979	0.0226948	0.59572	-1.67864	3.30371	1.67726	0.507688	1
cg11787218	DUSP22	0.0554176	0.0260521	0.123741	-8.08138	0.203505	0.345784	-2.89198	0.0401763	0.153226	-6.52633	0.258777	0.393683	-2.54012	0.0204828	0.109785	-9.10872	0.0804651	0.215668	-4.63676	0.00772057	0.066686	-14.9957	0.47939	0.566156	-1.7663	0.0711032	0.202882	-4.92898	3.25714	32.2919	8.81259	1
cg25457672	DNMBP	0.0554182	0.0174197	0.700444	-1.42767	0.358936	1.12301	1.12301	0.236531	0.858523	-1.16479	0.120785	0.813072	-1.2299	0.197386	0.8457	-1.18245	0.491245	0.917606	-1.08979	0.0692394	1.28402	1.28402	0.124606	1.2269	1.2269	0.0965506	0.799002	-1.25156	3.25713	0.780308	0.21295	1
cg09120145	COX11;COX11;COX11;COX11;STXBP4;COX11;STXBP4	0.0554216	0.240757	0.869398	-1.15022	0.0325835	1.32981	1.32981	0.0369548	1.31799	1.31799	0.437756	1.0944	1.0944	0.642883	1.05465	1.05465	0.295914	0.883811	-1.13146	0.401338	0.906751	-1.10284	0.711548	1.04323	1.04323	0.00967952	1.45214	1.45214	3.25705	0.669892	0.182822	1
cg11560627	AIFM2	0.0554217	0.0124427	0.361217	-2.76842	0.888099	0.954953	-1.04717	0.139329	0.594006	-1.68348	0.104742	0.559627	-1.7869	0.0134333	0.3671	-2.72406	0.721269	0.889334	-1.12444	0.0333661	0.443063	-2.25701	0.45083	1.28599	1.28599	0.0926182	0.545592	-1.83287	3.25705	5.529	1.50893	1
cg12157941	RBM33	0.0554227	0.885481	1.06852	1.06852	0.200741	1.86169	1.86169	0.451156	1.42343	1.42343	0.644584	1.23816	1.23816	0.00375649	0.165458	-6.04384	0.133771	0.475339	-2.10376	0.0720218	2.51814	2.51814	0.671419	1.21681	1.21681	0.948348	1.03024	1.03024	3.25703	10.9102	2.97754	1
cg23516342	DCAF8L2	0.0554238	0.840109	0.944929	-1.05828	0.0251413	0.473864	-2.11031	0.0191857	0.451766	-2.21353	0.211141	1.4469	1.4469	0.182875	1.48638	1.48638	0.539394	1.19034	1.19034	0.891115	1.03915	1.03915	0.370093	1.29447	1.29447	0.0440129	0.522596	-1.91352	3.257	4.05609	1.10697	1
cg03937594	CITED1;CITED1;CITED1;CITED1	0.055424	0.659981	1.14616	1.14616	0.0124301	2.60798	2.60798	0.774286	1.09264	1.09264	0.687591	0.882886	-1.13265	0.0118594	0.379868	-2.63249	0.24759	0.689022	-1.45133	0.09772	1.75039	1.75039	0.866915	1.05304	1.05304	0.830796	0.936191	-1.06816	3.257	4.89752	1.33661	1
cg16854917	NCRNA00085	0.0554258	0.517619	1.73063	1.73063	0.0131962	13.0517	13.0517	0.022521	9.82281	9.82281	0.299052	2.45945	2.45945	0.0589495	0.168086	-5.94935	0.190105	3.19085	3.19085	0.0718334	5.36772	5.36772	0.200455	3.09787	3.09787	0.487573	1.80343	1.80343	3.25696	36.062	9.84205	1
cg26887084	ZNF689	0.0554267	0.838236	0.943476	-1.05991	0.601299	1.16191	1.16191	0.124588	0.622957	-1.60525	0.706074	1.11387	1.11387	0.00456606	0.341294	-2.93002	0.190427	0.673905	-1.48389	0.0208586	0.453156	-2.20674	0.364642	1.30363	1.30363	0.250014	0.71023	-1.408	3.25694	4.17909	1.14057	1
cg10204692	JAG2;JAG2	0.0554285	0.0845952	0.719734	-1.3894	0.0967328	0.730264	-1.36937	0.119095	0.747042	-1.33861	0.0280004	0.639191	-1.56448	0.27621	0.822607	-1.21565	0.110614	1.3495	1.3495	0.194069	1.26729	1.26729	0.505488	1.12354	1.12354	0.0551767	0.68743	-1.45469	3.2569	1.53325	0.418462	1
cg16993748	SEC22B	0.0554304	0.100116	0.644082	-1.5526	0.0822572	0.624952	-1.60012	0.00468421	0.399333	-2.50418	0.222982	0.731479	-1.36709	0.08086	0.623318	-1.60432	0.256652	0.74893	-1.33524	0.747321	1.08213	1.08213	0.0139416	0.476343	-2.09933	0.618569	0.884649	-1.13039	3.25685	3.07564	0.839431	1
cg20911989	GFAP;GFAP	0.0554311	0.115576	0.44624	-2.24095	0.605762	0.782244	-1.27837	0.613131	0.786239	-1.27188	0.510931	0.730137	-1.36961	0.0245775	0.282804	-3.53602	0.0825249	2.47712	2.47712	0.0655862	2.65045	2.65045	0.0410682	3.04018	3.04018	0.645036	1.24459	1.24459	3.25684	11.4766	3.13232	1
cg13610055	RAD51L1;RAD51L1;RAD51L1	0.0554317	0.547882	0.883689	-1.13162	0.262164	0.788408	-1.26838	0.0968086	0.69029	-1.44867	0.261389	1.26891	1.26891	0.316207	0.810012	-1.23455	0.977684	0.994328	-1.0057	0.00395972	2.19894	2.19894	0.165252	0.740103	-1.35116	0.655732	0.912799	-1.09553	3.25682	2.13268	0.582074	1
cg04046930	WIPI1	0.0554319	0.145329	0.768188	-1.30176	0.22896	0.80822	-1.23729	0.215727	0.80273	-1.24575	0.635409	0.922609	-1.08388	0.780885	1.04815	1.04815	0.0509627	0.687329	-1.45491	0.0565698	1.43909	1.43909	0.40669	1.1539	1.1539	0.0171391	1.63225	1.63225	3.25682	1.46707	0.40041	1
cg03399398	KCTD18	0.0554331	0.52128	1.11715	1.11715	0.311148	1.19551	1.19551	0.0709234	1.41035	1.41035	0.456142	1.13808	1.13808	0.57807	1.10048	1.10048	0.651948	1.08045	1.08045	0.00304154	0.500618	-1.99753	0.926824	0.984468	-1.01578	0.180553	1.27418	1.27418	3.25679	1.49791	0.408831	1
cg21413108	KPNA1;KPNA1;KPNA1	0.0554331	0.457795	1.24101	1.24101	0.00586902	2.80035	2.80035	0.0773951	1.7518	1.7518	0.133076	0.62953	-1.58849	0.862226	0.951605	-1.05086	0.837217	0.942942	-1.06051	0.0958556	0.593137	-1.68595	0.433438	0.795907	-1.25643	0.409445	0.785907	-1.27241	3.25679	4.20661	1.14813	1
cg03612990	ACSM4	0.0554335	0.037472	0.155915	-6.41376	0.0216913	0.119836	-8.34475	0.0914167	0.239087	-4.18257	0.156891	0.31177	-3.20749	0.0320304	0.144619	-6.91472	0.118486	0.271272	-3.68634	0.0151228	0.100478	-9.95241	0.0337727	0.148341	-6.74124	0.068404	0.207931	-4.80929	3.25678	30.565	8.34224	1
cg00887112	ALS2;ALS2	0.0554342	0.998107	1.00185	1.00185	0.089667	4.29263	4.29263	0.876827	1.12837	1.12837	0.860344	1.14697	1.14697	0.179419	0.329421	-3.03563	0.278376	0.415748	-2.4053	0.00209047	0.0343339	-29.1257	0.571752	0.640852	-1.56042	0.326529	0.454413	-2.20064	3.25677	31.2746	8.53595	1
cg12858902	GSTM5	0.0554359	0.215557	3.33065	3.33065	0.302531	2.68012	2.68012	0.175325	3.78242	3.78242	0.381696	2.28909	2.28909	0.0205014	13.1563	13.1563	0.0736666	6.30026	6.30026	0.00260753	46.9514	46.9514	0.128391	4.55874	4.55874	0.0825965	5.89779	5.89779	3.25673	43.947	11.9949	1
cg05399209	VASP;VASP	0.0554377	0.963977	1.0048	1.0048	0.0111209	1.40146	1.40146	0.0408988	1.28432	1.28432	0.911165	0.988235	-1.0119	0.0672345	1.24294	1.24294	0.769754	0.969357	-1.03161	0.312467	0.895126	-1.11716	0.0864533	0.818055	-1.22241	0.398056	0.912332	-1.09609	3.25669	0.57995	0.158293	1
cg26163368	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0554381	0.0749981	8.72274	8.72274	0.0466658	12.0402	12.0402	0.0657441	9.54108	9.54108	0.170296	4.92961	4.92961	0.495006	0.469128	-2.13161	0.0514797	11.2646	11.2646	0.0127888	29.3169	29.3169	0.0871599	7.87119	7.87119	0.0302519	16.1643	16.1643	3.25668	61.5435	16.7979	1
cg04377324	TDRD6;TDRD6;TDRD6;TDRD6	0.0554395	0.541336	1.10128	1.10128	0.584245	0.917391	-1.09005	0.958529	0.991919	-1.00815	0.889893	1.02185	1.02185	0.176076	1.25163	1.25163	0.0309807	1.48466	1.48466	0.00276013	1.90466	1.90466	0.831159	0.967233	-1.03388	0.295371	0.844239	-1.1845	3.25665	1.25573	0.342745	1
cg03923274	RBM23;RBM23;RBM23;RBM23;RBM23;RBM23	0.0554435	0.297319	1.15106	1.15106	0.649377	1.06141	1.06141	0.871801	0.979192	-1.02125	0.421454	1.11285	1.11285	0.479636	1.09808	1.09808	0.00173628	0.55902	-1.78884	0.39067	0.891793	-1.12134	0.235789	1.17559	1.17559	0.971834	0.995414	-1.00461	3.25656	0.874368	0.238662	1
cg11651717	ABCA5;ABCA5	0.0554463	0.519362	1.11243	1.11243	0.107772	1.33148	1.33148	0.0703885	1.39084	1.39084	0.217183	1.2359	1.2359	0.0656709	1.40068	1.40068	0.265083	1.2086	1.2086	0.0101833	0.589442	-1.69652	0.273106	1.20449	1.20449	0.201249	1.24629	1.24629	3.25649	1.37243	0.374617	1
cg08251037	WBSCR17	0.0554463	0.343628	0.714789	-1.39901	0.793683	0.91374	-1.0944	0.899872	1.04428	1.04428	0.673208	0.864159	-1.15719	0.517323	0.797768	-1.2535	0.544786	0.809812	-1.23485	0.692651	1.14652	1.14652	0.00123002	5.08704	5.08704	0.371379	1.37149	1.37149	3.25649	6.1095	1.66764	1
cg08359956	TMEM176B;TMEM176B;TMEM176B;TMEM176B;TMEM176B;TMEM176A	0.0554467	0.046799	4.09372	4.09372	0.0405833	4.32435	4.32435	0.133056	2.72789	2.72789	0.182779	2.39995	2.39995	0.279637	2.00569	2.00569	0.140134	2.67212	2.67212	0.00255526	13.3455	13.3455	0.298156	1.94997	1.94997	0.0613255	3.68944	3.68944	3.25648	19.7764	5.39815	1
cg15319032	BTNL2	0.0554471	0.0258092	0.156171	-6.40325	0.00527046	0.0757265	-13.2054	0.407817	0.552143	-1.81112	0.0600927	0.225874	-4.42725	0.0291511	0.164744	-6.07002	0.335218	0.498014	-2.00798	0.0872644	0.265944	-3.76019	0.0697158	0.241008	-4.14924	0.674927	0.743866	-1.34433	3.25647	25.3804	6.92784	1
cg04755220	NUMBL	0.0554488	0.0399513	1.75431	1.75431	0.614824	0.886824	-1.12762	0.140731	0.687227	-1.45512	0.170193	0.707648	-1.41313	0.0460123	0.581986	-1.71825	0.0648194	0.612071	-1.6338	0.446037	0.832036	-1.20187	0.057058	1.66476	1.66476	0.34845	0.79572	-1.25672	3.25644	2.89015	0.788906	1
cg24156149	STK17B	0.0554494	0.161785	0.419909	-2.38147	0.0450766	0.263023	-3.80195	0.0678258	0.304816	-3.28067	0.149939	0.408006	-2.45094	0.0895569	0.337182	-2.96576	0.101219	0.35262	-2.83592	0.00985308	0.150396	-6.64912	0.0217068	0.201794	-4.95554	0.0220195	0.202853	-4.92967	3.25642	17.3977	4.74897	1
cg24657535	KIAA0494	0.0554501	0.0109315	0.175034	-5.71318	0.548317	1.39294	1.39294	0.32276	0.572765	-1.74592	0.127272	0.406659	-2.45906	0.919783	1.0565	1.0565	0.114983	0.392534	-2.54755	0.00452017	0.126886	-7.88108	0.51903	0.7	-1.42857	0.249196	0.518335	-1.92925	3.25641	15.3534	4.19097	1
cg23668805	C10orf58	0.0554503	0.0204431	0.622072	-1.60753	0.574772	0.908169	-1.10112	0.0557728	1.44524	1.44524	0.116454	0.748362	-1.33625	0.32494	0.841364	-1.18855	0.743474	0.945726	-1.05739	0.195754	0.792554	-1.26174	0.455497	1.13788	1.13788	0.0379705	1.50509	1.50509	3.2564	1.48925	0.406516	1
cg18638931	MOV10L1;MOV10L1;MOV10L1	0.0554503	0.0342486	2.64221	2.64221	0.032372	2.67895	2.67895	0.0351657	2.62516	2.62516	0.536375	1.27925	1.27925	0.0215419	2.96178	2.96178	0.0253869	2.84392	2.84392	0.518951	1.29327	1.29327	0.595381	0.809921	-1.23469	0.660063	0.84022	-1.19016	3.2564	7.97908	2.17802	1
cg22966302	NFIX	0.0554516	0.16356	1.30453	1.30453	0.0535403	1.47997	1.47997	0.675159	1.07827	1.07827	0.962197	1.00851	1.00851	0.188199	1.28314	1.28314	0.0410932	1.5241	1.5241	0.00275392	2.09297	2.09297	0.0637645	1.45151	1.45151	0.166472	1.30184	1.30184	3.25637	1.6487	0.450043	1
cg00595407	BMPR2	0.0554531	0.0754551	0.885326	-1.12953	0.0427162	0.866259	-1.15439	0.126861	0.903372	-1.10696	0.517498	0.960421	-1.04121	0.870224	0.989988	-1.01011	0.226692	0.924855	-1.08125	0.00886384	1.22754	1.22754	0.721581	0.978219	-1.02227	0.221769	0.924006	-1.08224	3.25634	0.195342	0.0533229	1
cg11775521	KCNE3	0.0554549	0.0253666	4.8833	4.8833	0.0146557	6.00782	6.00782	0.413669	1.64647	1.64647	0.90137	0.928692	-1.07678	0.907483	1.07183	1.07183	0.0817826	3.16078	3.16078	0.0425072	4.03	4.03	0.220168	0.463383	-2.15804	0.0575647	3.60169	3.60169	3.2563	18.3611	5.01212	1
cg11063299	OBFC2A;OBFC2A	0.0554553	0.861154	1.04378	1.04378	0.00432633	0.393152	-2.54355	0.344789	0.788054	-1.26895	0.975309	0.992453	-1.0076	0.0473047	0.573778	-1.74284	?	?	?	0.09494	1.56703	1.56703	0.821494	0.946186	-1.05687	0.696677	0.908566	-1.10064	3.30274	2.78584	0.843493	1
cg01774093	TOPORS	0.0554553	0.128827	0.572534	-1.74662	0.404358	1.3363	1.3363	0.910931	0.962692	-1.03875	0.140752	1.71316	1.71316	0.0145671	0.359743	-2.77976	0.368331	0.730552	-1.36883	0.016128	0.367781	-2.71901	0.0655498	0.495475	-2.01826	0.627178	0.846788	-1.18093	3.25629	5.95383	1.62525	1
cg00942920	LAX1;LAX1;LAX1	0.0554558	0.146513	0.435298	-2.29728	0.200047	0.48557	-2.05943	0.0398266	0.281338	-3.55445	0.935504	1.04414	1.04414	0.00511691	0.138901	-7.19935	0.549015	0.723548	-1.38208	0.111117	0.396029	-2.52507	0.0264548	0.245532	-4.07279	0.0418218	0.285935	-3.4973	3.25628	14.6883	4.00956	1
cg03026306	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0554594	0.930747	0.980929	-1.01944	0.0362762	0.583164	-1.71478	0.489781	0.856056	-1.16815	0.353432	1.23554	1.23554	0.188528	0.734446	-1.36157	0.525826	0.86727	-1.15304	0.0018487	0.375614	-2.66231	0.305475	0.790521	-1.26499	0.737251	0.928122	-1.07744	3.2562	2.53079	0.690866	1
cg23518039	ABLIM3	0.0554605	0.00378726	0.418527	-2.38933	0.342242	1.24384	1.24384	0.297483	1.27232	1.27232	0.457222	1.18391	1.18391	0.305343	0.789245	-1.26703	0.86187	0.961911	-1.0396	0.444965	0.840607	-1.18962	0.760576	1.07053	1.07053	0.0295824	0.564857	-1.77036	3.25617	2.56418	0.699984	1
cg14904305	DLC1;DLC1	0.0554638	0.156955	1.51383	1.51383	0.908547	1.03198	1.03198	0.0791945	1.70542	1.70542	0.432118	0.802836	-1.24558	0.441438	0.806533	-1.23988	0.491516	0.825817	-1.21092	0.00312375	0.330554	-3.02523	0.462414	1.22741	1.22741	0.67813	1.12111	1.12111	3.2561	3.86922	1.05627	1
cg26228280	VPS13D;VPS13D	0.055464	0.547802	1.16145	1.16145	0.732754	0.919114	-1.088	0.982917	1.00528	1.00528	0.436334	0.822493	-1.21582	0.00176949	0.334305	-2.99128	0.343834	1.2712	1.2712	0.20704	1.38742	1.38742	0.298987	1.3033	1.3033	0.679069	0.902686	-1.1078	3.25609	3.12284	0.852513	1
cg20464804	SYN3	0.0554641	0.319013	0.826702	-1.20963	0.0213696	0.599859	-1.66706	0.434613	0.863017	-1.15873	0.880148	0.972503	-1.02827	0.339691	0.833729	-1.19943	0.601132	1.10238	1.10238	0.0314434	0.627304	-1.59412	0.0180625	1.70014	1.70014	0.223564	0.789538	-1.26656	3.25609	1.76105	0.480754	1
cg20462512	NTF3	0.0554643	0.875671	0.91434	-1.09369	0.0397983	3.89392	3.89392	0.878222	1.09166	1.09166	0.470261	0.656959	-1.52217	0.795109	0.861702	-1.16049	0.10049	2.79853	2.79853	0.020829	0.203719	-4.90872	0.0212617	4.87244	4.87244	0.404378	1.62904	1.62904	3.25608	16.8699	4.60538	1
cg15118503	AHSA2;AHSA2	0.0554651	0.971034	1.00259	1.00259	0.0164788	0.81137	-1.23248	0.0323086	1.19579	1.19579	0.458459	0.94757	-1.05533	0.649648	0.967903	-1.03316	0.0263833	1.20664	1.20664	0.281303	1.08316	1.08316	0.914625	0.992379	-1.00768	0.334693	0.931486	-1.07355	3.25607	0.262431	0.0716423	1
cg18737473	MCF2L;MCF2L	0.0554657	0.694959	1.17785	1.17785	0.10405	2.09214	2.09214	0.551218	1.28457	1.28457	0.0914606	2.16399	2.16399	0.00983085	0.25784	-3.87838	0.0771045	0.442025	-2.26232	0.114064	0.489687	-2.04212	0.71208	0.857299	-1.16645	0.590743	1.25293	1.25293	3.25605	8.89639	2.42868	1
cg09307284	ZNF569	0.0554667	?	?	?	0.72321	0.889952	-1.12366	0.119154	0.574377	-1.74102	0.00391594	0.279985	-3.57163	0.995302	1.00193	1.00193	0.21844	1.52867	1.52867	0.243415	1.49207	1.49207	0.605398	1.18634	1.18634	0.32313	1.39736	1.39736	3.30248	4.99729	1.51319	1
cg20847924	P2RY6;P2RY6;P2RY6	0.0554682	0.0934025	0.766031	-1.30543	0.617413	1.07545	1.07545	0.404784	0.884158	-1.13102	0.0704139	0.746712	-1.3392	0.212703	0.827318	-1.20873	0.996225	1.00068	1.00068	0.00484106	1.71551	1.71551	0.469254	0.899114	-1.11221	0.412832	0.886097	-1.12854	3.256	1.07578	0.293688	1
cg01556112	SEPT6;SEPT6;SEPT6;SEPT6	0.0554711	0.857165	1.04892	1.04892	0.473918	0.824418	-1.21298	0.247146	0.725569	-1.37823	0.023552	2.04813	2.04813	0.0128026	0.440576	-2.26976	0.142755	1.51833	1.51833	0.159211	1.49009	1.49009	0.308039	0.756003	-1.32275	0.88628	0.962775	-1.03866	3.25593	3.62408	0.989396	1
cg02032778	CPVL;CPVL	0.0554714	0.224053	0.80195	-1.24696	0.0184702	0.610297	-1.63855	0.649302	1.08232	1.08232	0.162002	0.772588	-1.29435	0.0362831	0.656625	-1.52294	0.187436	0.785516	-1.27305	0.0335822	0.651184	-1.53566	0.00825883	0.557844	-1.79262	0.262641	0.817247	-1.22362	3.25592	1.53974	0.42036	1
cg17067190	PDE3A	0.0554727	0.0665725	1.59389	1.59389	0.745156	1.07671	1.07671	0.168807	1.39411	1.39411	0.163643	1.40056	1.40056	0.106211	0.670451	-1.49153	0.288152	0.778881	-1.28389	0.0283558	0.556283	-1.79765	0.336119	0.798711	-1.25202	0.0697239	1.58352	1.58352	3.25589	2.64812	0.72296	1
cg11086568	WDR53;FBXO45	0.0554741	0.0399466	0.697263	-1.43418	0.530922	1.10119	1.10119	0.220628	1.21599	1.21599	0.141028	0.786298	-1.27178	0.190918	0.810336	-1.23406	0.0904645	0.753302	-1.32749	0.00976115	0.608792	-1.6426	0.289563	0.846252	-1.18168	0.272146	1.18956	1.18956	3.25586	1.1892	0.324667	1
cg00590320	TFDP1;TFDP1	0.055475	0.268355	0.76911	-1.3002	0.908881	1.02641	1.02641	0.168684	1.3965	1.3965	0.680258	1.09896	1.09896	0.406771	0.824279	-1.21318	0.0514245	1.65694	1.65694	0.0134394	0.498108	-2.0076	0.0343968	1.75396	1.75396	0.607103	1.12536	1.12536	3.25584	2.67372	0.729961	1
cg00992207	SNRNP25	0.0554759	0.134159	0.683317	-1.46345	0.124565	0.675698	-1.47995	0.00725856	0.44199	-2.26249	0.536016	1.15921	1.15921	0.0146872	0.49258	-2.03013	0.919588	0.976476	-1.02409	0.815632	0.946427	-1.05661	0.136826	0.68536	-1.45909	0.336091	1.26342	1.26342	3.25582	2.86569	0.782379	1
cg04986870	KCNN1	0.0554761	0.0476008	0.434106	-2.30359	0.0219281	2.75281	2.75281	0.197877	0.605756	-1.65083	0.0745634	0.481109	-2.07853	0.215393	0.618608	-1.61653	0.739756	0.884455	-1.13064	0.0518039	0.442588	-2.25944	0.194803	0.603427	-1.6572	0.108161	0.524364	-1.90707	3.25582	6.99533	1.90983	1
cg07319375	CHD5	0.0554775	0.06889	0.389342	-2.56844	0.0977216	2.32065	2.32065	0.565643	1.30876	1.30876	0.304001	0.610628	-1.63766	0.028109	0.300689	-3.3257	0.239904	1.76859	1.76859	0.0154079	0.252192	-3.96523	0.374587	0.65555	-1.52544	0.86502	0.924195	-1.08202	3.25579	11.0704	3.02243	1
cg00442802	SAA3P	0.0554782	0.19499	0.55872	-1.78981	0.89746	0.946721	-1.05628	0.16602	0.534061	-1.87244	0.093341	0.456667	-2.18978	0.0104359	0.254308	-3.93224	0.0573924	0.401418	-2.49117	0.130303	0.499629	-2.00148	0.0144642	0.278127	-3.59548	0.020438	0.30534	-3.27504	3.25577	9.29839	2.53864	1
cg09848693	MAGI1;MAGI1;MAGI1	0.0554788	0.10445	0.409155	-2.44406	0.0427821	0.309084	-3.23536	0.0585488	0.340945	-2.93302	0.159117	2.13341	2.13341	0.0874768	0.386779	-2.58546	0.747566	0.849932	-1.17656	0.537004	0.729963	-1.36993	0.0283168	3.68232	3.68232	0.967432	0.979652	-1.02077	3.25576	13.0731	3.56922	1
cg04426326	LDHAL6B;MYO1E	0.0554789	0.652673	0.916392	-1.09124	0.882473	0.971893	-1.02892	0.837965	1.04025	1.04025	0.023213	0.592766	-1.68701	0.543962	0.888363	-1.12567	0.0964854	0.703485	-1.42149	0.00762361	1.93712	1.93712	0.76543	1.05936	1.05936	0.166355	0.75245	-1.32899	3.25575	1.91527	0.52291	1
cg23848433	CCDC63	0.0554789	0.042302	0.61048	-1.63805	0.0359093	1.67364	1.67364	0.0985658	0.682344	-1.46554	0.0542256	0.630669	-1.58562	0.117993	0.698956	-1.43071	0.414761	1.19232	1.19232	0.170446	0.734895	-1.36074	0.105758	0.68878	-1.45184	0.358219	0.81926	-1.22061	3.25575	2.29573	0.626781	1
cg00226306	C20orf111	0.0554799	0.339255	0.563205	-1.77555	0.0486123	3.79818	3.79818	0.0158106	5.883	5.883	?	?	?	0.924238	0.946308	-1.05674	0.59629	1.36426	1.36426	0.575447	1.38929	1.38929	0.538366	1.43637	1.43637	0.0239926	0.200543	-4.98645	3.56794	16.5512	4.059	1
cg00375444	LMF1	0.0554801	0.116664	0.594772	-1.68132	0.109007	1.70356	1.70356	0.78916	0.921559	-1.08512	0.330575	1.35799	1.35799	0.0887554	0.564266	-1.77221	0.198086	0.6606	-1.51377	0.111618	1.69578	1.69578	0.952546	1.0183	1.0183	0.0109949	0.378167	-2.64433	3.25573	4.79027	1.30786	1
cg04672351	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF	0.0554809	0.696902	0.94599	-1.05709	0.00342298	1.7579	1.7579	0.582468	1.08195	1.08195	0.796048	0.963926	-1.03742	0.78915	0.962695	-1.03875	0.86561	0.976259	-1.02432	0.0523555	0.731259	-1.3675	0.543581	1.09113	1.09113	0.0760982	1.3231	1.3231	3.25571	1.03751	0.283266	1
cg03980304	IL4R;IL4R	0.0554818	0.120902	0.643375	-1.5543	0.991971	0.997365	-1.00264	0.0186883	2.11147	2.11147	0.0187719	0.473955	-2.10991	0.144462	1.5084	1.5084	0.402377	0.798741	-1.25197	0.935734	0.979076	-1.02137	0.144787	1.50782	1.50782	0.799462	0.935429	-1.06903	3.25569	3.54528	0.967954	1
cg09179916	EGFLAM;EGFLAM;EGFLAM;EGFLAM	0.0554845	0.704707	0.798513	-1.25233	0.538155	1.44535	1.44535	0.198201	0.447697	-2.23365	0.7278	1.22936	1.22936	0.00752062	0.13097	-7.63531	0.786964	1.17361	1.17361	0.0106769	0.150068	-6.66364	0.184894	2.29556	2.29556	0.624715	0.747252	-1.33824	3.25563	18.0071	4.91651	1
cg09481866	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0554863	0.236504	0.525146	-1.90423	0.0736137	2.81699	2.81699	0.166619	2.15068	2.15068	0.363416	0.61568	-1.62422	0.00342557	0.126843	-7.88374	0.969444	0.980306	-1.02009	0.887263	1.07644	1.07644	0.719315	1.2061	1.2061	0.388914	0.632227	-1.58171	3.25559	13.903	3.796	1
cg19460508	PARVB;PARVB	0.0554866	0.0271424	0.0903066	-11.0734	0.020562	0.0769215	-13.0003	0.106034	0.197302	-5.06836	0.137982	0.230275	-4.34263	0.0412619	0.114799	-8.71086	0.228148	0.312555	-3.19944	0.0727473	0.158738	-6.29967	0.00985026	0.0498329	-20.0671	0.0645676	0.148255	-6.74514	3.25558	43.5838	11.8999	1
cg02043077	INSIG2	0.055489	0.514097	1.10505	1.10505	0.0538884	1.39153	1.39153	0.0499212	1.40154	1.40154	0.350247	0.864889	-1.15622	0.0497112	1.40209	1.40209	0.0611342	1.37516	1.37516	0.0337625	0.687793	-1.45392	0.798586	1.03936	1.03936	0.889474	0.979227	-1.02121	3.25552	1.17513	0.320857	1
cg07702311	FLI1;FLI1	0.0554891	0.0648094	4.13391	4.13391	0.034939	5.3761	5.3761	0.0806448	3.76556	3.76556	0.466055	1.66135	1.66135	0.546589	0.658675	-1.5182	0.113315	0.307508	-3.25195	0.358717	0.524215	-1.90762	0.0731651	3.92557	3.92557	0.0383703	5.16591	5.16591	3.25552	24.1469	6.59307	1
cg14228343	RFC3	0.0554901	0.597842	0.889681	-1.124	0.128714	0.697301	-1.4341	0.00603174	0.454871	-2.19843	0.840268	1.04531	1.04531	0.0840928	1.52149	1.52149	0.124839	1.44028	1.44028	0.257126	1.29654	1.29654	0.541359	0.873047	-1.14541	0.410866	1.20281	1.20281	3.2555	2.48612	0.678816	1
cg06962684	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0554912	0.35106	1.31021	1.31021	0.0138543	2.35401	2.35401	0.92426	1.02713	1.02713	0.489331	1.21862	1.21862	0.0719571	1.76028	1.76028	0.715412	1.10858	1.10858	0.00474283	2.87452	2.87452	0.0301849	2.04944	2.04944	0.567447	1.17669	1.17669	3.25548	4.08611	1.11569	1
cg22264946	KIAA1009	0.0554915	0.34946	1.11349	1.11349	0.757946	0.966086	-1.0351	0.189724	1.1677	1.1677	0.0611859	0.7902	-1.2655	0.309454	1.12457	1.12457	0.0891066	1.23278	1.23278	0.05912	0.788319	-1.26852	0.547307	1.07034	1.07034	0.0152832	1.39434	1.39434	3.25547	0.642333	0.175386	1
cg22247845	LEPREL2	0.0554928	0.421014	1.12174	1.12174	0.098753	1.28787	1.28787	0.169861	0.81519	-1.22671	0.345771	1.14534	1.14534	0.928522	0.987539	-1.01262	0.259494	1.17868	1.17868	0.00391576	1.72058	1.72058	0.126741	0.793863	-1.25966	0.391069	1.13067	1.13067	3.25544	1.00701	0.274961	1
cg24395907	ALDH4A1;ALDH4A1	0.0554929	0.126155	0.746263	-1.34001	0.423319	0.865331	-1.15563	0.275029	1.22246	1.22246	0.0884414	0.717163	-1.39438	0.721425	1.06537	1.06537	0.00488375	0.51693	-1.9345	0.364026	0.847906	-1.17938	0.538488	0.895698	-1.11645	0.0921649	1.38801	1.38801	3.25544	1.61291	0.440402	1
cg02326386	MOBKL2A	0.0554943	0.941223	0.975829	-1.02477	0.713094	0.884666	-1.13037	0.250258	0.671219	-1.48983	0.16045	0.608032	-1.64465	0.00363013	0.270918	-3.69116	0.108724	0.559623	-1.78692	0.169374	1.62543	1.62543	0.561269	1.21521	1.21521	0.0664545	0.50512	-1.97973	3.2554	5.67666	1.55001	1
cg19188359	TGM3	0.0554946	0.414025	0.642798	-1.5557	0.242201	0.523197	-1.91133	0.027758	0.252404	-3.96189	0.5349	0.717062	-1.39458	0.0368112	0.277049	-3.60947	0.261452	0.538063	-1.85852	0.00327211	0.119851	-8.34366	0.115926	0.404819	-2.47024	0.0523511	0.311056	-3.21485	3.2554	14.4411	3.94315	1
cg13551706	SULF2;SULF2;SULF2	0.0554948	0.0700045	0.464299	-2.15379	0.26706	0.645386	-1.54946	0.049769	0.428459	-2.33395	0.559099	0.799529	-1.25074	0.0173705	0.333858	-2.99529	0.159617	0.566007	-1.76676	0.00552922	0.251354	-3.97846	0.496081	1.29871	1.29871	0.313286	0.673369	-1.48436	3.25539	7.39506	2.01923	1
cg27088877	MONA1;MONA1;MONA1;MONA1	0.0554953	0.00167761	0.405832	-2.46408	0.505492	0.873158	-1.14527	0.621926	0.905032	-1.10493	0.813181	0.953585	-1.04867	0.171898	1.33903	1.33903	0.815858	1.04794	1.04794	0.111969	0.706481	-1.41547	0.946286	1.01362	1.01362	0.611817	1.1082	1.1082	3.25538	2.07786	0.567365	1
cg14614377	BLCAP;BLCAP;BLCAP;BLCAP	0.0554954	0.0106297	0.665086	-1.50357	0.361907	0.887824	-1.12635	0.0626411	1.30471	1.30471	0.0487965	1.33067	1.33067	0.4896	0.914744	-1.0932	0.291004	1.14926	1.14926	0.261714	0.861921	-1.1602	0.701144	1.05018	1.05018	0.345778	1.1312	1.1312	3.25538	0.831049	0.22692	1

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Probeset ID	UCSC_REFGENE_NAME U8AP2L1;Scr#62;Ltar#63;U8AP2L1Ltar	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg24472585	f43 SNORD115-11;SNORD115- 36;SNORD115-43;SNORD115-29	0.0554489	0.502582	0.855266	-1.16923	2.2967	1.28224	1.28224	0.0119218	2.05679	2.05679	0.0987958	0.659925	-1.51532	0.571946	0.877013	-1.14023	0.164706	0.711345	-1.40579	0.180268	0.721118	-1.38674
cg11148364		0.0554489	0.691748	0.892107	-1.12094	0.0445824	0.516479	-1.93619	0.0184902	0.441089	-2.26712	0.496062	1.21897	1.21897	0.0292963	0.479221	-2.08672	0.561749	1.18303	1.18303	0.0984336	1.68069	1.68069
cg13773247	PKDCC	0.0554498	0.592452	0.676688	-1.47779	0.607659	0.687766	-1.45398	0.0268119	0.150183	-6.65855	0.941846	0.948634	-1.05415	0.266671	0.30822	3.30822	0.716351	0.768171	-1.30179	0.0063324	0.0581686	-17.1914
cg22154538	NCOR2;NCOR2	0.0554499	0.61867	1.13064	-1.13064	0.497415	0.844864	-1.18362	0.153612	1.45332	-1.45332	0.109308	1.53305	0.198051	0.98605	1.00402	1.00429	0.029923	1.88837	1.88837	0.0189325	0.49577	-2.01706
cg27104275	PWWP2A	0.0555002	0.106037	0.654242	-1.52849	0.0938068	1.55716	1.55716	0.778917	1.06998	1.06998	0.794244	0.939114	-1.06483	0.00511709	0.411071	-2.43267	0.194644	0.719106	-1.39062	0.372496	0.802476	-1.24614
cg20530193	TTC39C;TTC39C;TTC39C	0.0555022	?	?	?	0.255169	1.40182	1.40182	0.0357663	0.471053	-2.12308	0.236613	1.42982	1.42982	0.400038	0.782755	-1.27754	0.00821536	0.382160	-2.61529	0.352089	0.765653	-1.30625
cg15392618	FMN2	0.0555023	0.82215	1.08106	1.08106	0.55169	1.23181	1.23181	0.103969	0.546408	-1.83013	0.0509541	2.15924	2.15924	0.0834529	0.515113	-1.94132	0.0550754	0.470937	-2.12343	0.0545341	0.212793	-4.70011
cg07950803	CD1a;CD1A	0.0555032	0.00729965	0.0744713	-13.428	0.326878	0.467719	-2.13804	0.0284047	0.143195	-6.97376	0.0955887	0.252973	-3.953	0.102673	0.263685	-3.82139	0.0416784	0.171554	-5.82907	0.0498553	0.186497	-5.36202
cg00822989	MAD1L1;MAD1L1;MAD1L1	0.055504	0.26536	0.689057	-1.45107	0.0126426	1.51168	1.51168	0.170784	0.659988	-1.51493	0.188289	1.04714	1.04714	0.0515096	0.253428	-3.94572	0.622277	0.849804	-1.17674	0.329955	0.710762	-1.40753
cg19045344	SATL1;SATL1	0.0555504	0.0205735	0.201541	-4.96178	0.399702	0.617382	-1.61974	0.895215	1.07622	1.07622	0.0513998	0.283155	-3.53164	0.317027	0.560181	-1.78514	0.194974	2.1614	2.1614	0.0467758	1.51416	1.51416
cg14376836	ROR2	0.0555546	0.401719	0.695675	-1.5159	0.00829233	0.194767	-5.11435	0.0182458	0.249349	-4.01053	0.157933	0.481052	-2.07878	0.0575775	0.353164	-2.83171	0.237171	0.548659	-1.82263	0.0110575	0.215393	-4.68624
cg16163419	ABI3BP;ABI3BP	0.0555049	0.0673403	0.4938507	-2.02679	0.473887	0.780766	-1.28079	0.806709	0.920083	-1.08686	0.238453	0.657355	-1.52125	0.0123194	0.594807	-1.68344	0.0473271	0.462546	-2.16195	0.0104716	0.334609	-2.98856
cg20207971	BAIAP2L2	0.0555063	0.019576	0.529318	-1.88922	0.133862	1.44309	1.44309	0.318901	0.800705	-1.2489	0.525738	1.15605	0.150935	0.0901941	0.475292	-2.10397	0.403415	0.824627	-1.21267	0.3312353	0.798094	-1.25299
cg21120661	TRPM2	0.0555067	0.0254764	0.2326258	-4.3	0.15449	0.00406134	0.0528502	-18.9214	0.127459	0.273134	3.67939	0.202451	4.94592	0.0249942	0.121473	-8.23231	0.727508	0.758435	-1.3185	0.125167	0.269301	-3.71332
ch.8.24553.F	PRAGMIN	0.0555076	0.0125253	0.207869	-4.81073	0.0156252	0.223335	-4.47758	0.0434551	0.308997	-3.23628	0.0240114	0.256261	-3.90228	0.0409945	0.30339	-3.29609	0.202793	0.506618	-1.97387	0.152534	0.460711	-2.17055
cg14477114	MAGI1;MAGI1;MAGI1	0.0555081	0.0205244	0.23973	-4.1709	0.08398	0.093176	-1.00687	0.938429	1.02665	1.02665	0.245378	1.521289	1.521289	0.468566	1.28598	1.28598	0.370748	1.36817	1.36817	0.00507909	3.51697	3.51697
cg13915538	ZNF676	0.055511	0.0211526	0.3131529	-3.1895	0.0403456	0.371222	-2.6978	0.379275	0.685631	-1.45851	0.0999669	0.850422	-1.17589	0.0339528	0.584923	-1.81751	0.0615519	0.414239	-2.41406	0.0160799	0.2915504	-3.43049
cg22353792	RIT3	0.0555111	0.303991	1.1299	1.1299	0.841897	0.97735	-1.02318	0.122901	0.825517	-1.21136	0.0477063	0.771248	-1.2966	0.96468	1.00509	1.00509	0.946181	1.00777	1.00777	0.00878716	1.46639	1.46639
cg16107640	FAHD	0.0555118	0.274602	0.838216	-1.19312	0.0491099	0.0187	-1.91187	0.153885	0.880913	-1.13583	0.394297	1.08588	1.08588	0.278795	0.891021	-1.1222	0.878277	1.01458	1.01458	0.00955624	1.36019	1.36019
cg25482891	HMGXB3;TIGD6;HMGXB3	0.0555127	0.559989	1.0712	1.0712	0.111356	1.22432	1.22432	0.00859249	1.47865	-1.47865	0.490441	1.08518	1.08518	0.893793	1.01571	1.01571	0.0942839	0.806817	-1.23944	0.203936	0.85516	-1.16937
cg08134301	SULF2;SULF2;SULF2	0.0555141	0.172342	0.626347	-1.59656	0.00853118	0.93924	-2.94776	0.0314961	0.443604	-2.25426	0.0866857	0.545644	-1.83944	0.187032	0.637544	-1.56901	0.182684	0.790505	-1.33421	0.085351	1.00593	1.00593
cg03578951	DMAP1;DMAP1;DMAP1	0.0555151	0.112166	0.387158	-2.58292	0.0352763	0.260515	-3.83855	0.273106	0.534865	-1.86963	0.387783	0.615307	-1.6252	0.0786023	0.342416	-2.92043	0.343525	0.585474	-1.70802	0.00612892	0.14055	-7.11489
cg01122765	NF1;NF1;NF1	0.0555151	0.203914	0.70818	1.70818	0.00364889	0.4075	4.8075	0.0246152	2.91195	2.91195	0.596578	0.8079	-1.23778	0.359223	0.686299	-1.45709	0.724973	1.15148	1.15148	0.113899	1.96792	1.96792
cg13878093	TBPL1;TBPL1	0.0555159	0.0286196	0.173153	-5.4043	0.357454	0.316867	-3.14177	0.346776	0.596258	-1.67729	0.0178139	0.833381	1.83578	0.19706	0.596258	-1.67729	0.043609	0.737677	-1.35577	0.441184	0.81203	-1.23148
cg04078921	HIST1H4H	0.0555162	0.330545	1.10769	1.10769	0.430705	0.921339	-1.08538	0.800449	0.97453	-1.02654	0.712115	0.962949	-1.03848	0.0186087	0.747805	-1.33725	0.0986359	0.831541	-1.20259	0.0125077	0.728709	-1.37229
cg14968378	UNC5A	0.0555162	0.0185231	0.144464	-6.9209	0.0490202	0.449282	-2.2267	0.0832626	0.352536	-2.83609	0.0112832	0.530955	-1.88349	0.0126846	0.0597404	-1.67426	-2.2062	0.139081	0.552035	-1.81148	0.0946897	0.2708	-3.69227
cg22021756	FKBP11;FKBP11;FKBP11	0.0555167	0.411536	2.08942	2.08942	0.435824	0.49773	-2.00912	0.481146	0.533446	-1.8746	0.00110116	0.68.1966	68.1966	0.431756	2.02213	2.02213	0.409384	2.09684	2.09684	0.835276	0.832994	-1.20409
cg09434995	ZP3;SRCRB4D	0.0555169	0.0101602	0.231272	-4.32391	0.177323	0.523313	-1.91019	0.775602	0.878903	-1.13778	0.254346	0.584167	-1.71184	0.0985193	0.441189	-2.2666	0.182296	0.527651	-1.89519	0.00599363	0.197468	-5.06411
cg03185704	LRRC61;ACTRT2;LRRC61	0.0555178	0.0354381	0.162524	-6.15201	0.0481206	0.425157	-2.35062	0.815186	1.11041	1.11041	0.30513	0.621905	-1.60796	0.0864625	2.3328	2.3328	0.212813	0.55606	-1.79837	0.0167261	0.270802	-3.69274
cg24893364	METTL5	0.0555175	0.0484731	0.528537	-1.89202	0.100538	1.35941	1.35941	0.307201	1.10772	1.19772	0.945851	0.988475	-1.01166	0.257684	0.817413	-1.22337	0.57357	1.10193	1.10193	0.0614773	0.697971	-1.43272
cg21242144	LOC728854;MRPL48	0.0555215	0.613383	1.18008	1.18008	0.0993557	1.37558	1.37558	0.313993	1.32507	-1.32507	0.241428	1.13892	0.570553	0.0107451	0.0297564	2.52633	1.402	1.94134	1.94134	0.0187194	-1.01861	-1.01861
cg09026481	HMGCR;HMGCR;HMGCR;HMGCR	0.0555217	0.774834	1.13068	1.13068	0.059336	2.48819	2.48819	0.0395921	2.77087	2.77087	0.346861	0.660474	-1.51406	?	?	?	0.335058	1.53066	1.53066	0.0506889	0.385408	-2.59465
cg02002160	HNF1B PML;PML;PML;PML;PML;PML;PML	0.0555221	0.561781	0.857973	-1.16635	0.0646286	2.25157	2.53157	0.0496974	0.555841	-1.79908	0.4811	0.828738	-1.20665	0.095299	1.61727	1.61727	0.603567	1.14731	1.14731	0.143083	1.51109	1.51109
ch.1.83695	PML	0.0555224	0.901663	1.03844	1.03844	0.0490603	1.98492	1.98492	0.0203333	2.34767	2.34767	0.454195	0.79245	-1.26191	0.0244074	0.441165	-2.26673	0.713944	0.893743	1.11889	0.153874	1.59541	1.59541
cg08178321	SLC9B3	0.0555253	0.615752	1.10776	1.21079	0.716501	1.39139	1.3477	0.528153	1.07.8534	1.78534	-1.27955	0.664403	0.984225	-1.01603	0.0.8.8.8	1.01603	0.0202681	0.812618	1.03635	0.7.8.8.8	1.12758	1.12758
cg21785781	MYCBP	0.0555243	0.0352446	0.8572	-1.16659	0.402236	0.05534	1.05534	0.419196	1.05323	1.05323	0.216331	1.08518	1.08518	0.0.8.8.8.8	1.16666	1.16666	0.724271	0.977992	1.0225	0.6.8.6.7.0.5	0.87982	-1.1316
cg27425700	RHBDD1;RHBDD1	0.0555248	0.747429	0.934901	-1.06963	0.00873462	0.498569	-2.00574	0.010063	0.508302	-1.96734	0.802712	0.949184	-1.05354	0.571679	1.12645	1.12645	0.302837	0.800628	-1.24602	0.234567	1.29639	1.29639
cg18293158	TGM4	0.0555271	0.949629	1.01.8.8.8	1.01.8.8.8	0.0.8.8.8.8.8	1.38134	1.38134	0.0.8.8.8.8.8	1.44121	1.44121	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.810143	1.01956	1.01956	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8
cg08357436	HSF5;HSF5	0.0555293	0.199547	1.64099	1.64099	0.238139	1.81867	1.81867	0.59377	0.821404	-1.21743	0.912606	1.04094	1.04094	0.117707	1.86057	1.86057	0.0497542	2.6633	2.6633	0.0035372	4.24342	4.24342
cg26817765	ZNF705A	0.0555607	0.305607	1.01.8.8.8	1.01.8.8.8	0.0.8.8.8.8.8	1.64177	1.64177	0.346776	0.596258	-1.79129	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.0783194	1.03694	1.03694	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8
cg06147733	LGL1	0.0555313	0.53104	0.928278	-1.07726	0.025483	1.36532	1.36532	0.695238	1.04726	1.04726	0.227193	1.16032	1.16032	0.778346	1.03365	1.03365	0.779425	1.03348	1.03348	0.00808713	0.671795	-1.48855
cg14120104	NUP107;NUP107	0.0555315	0.0975674	0.513093	-1.95009	0.0380953	2.42873	2.42873	0.322614	1.4587	1.4587	0.0954648	0.24771	-4.03962	0.761198	0.903203	-1.10717	0.601542	1.21427	1.21427	0.0678187	0.884942	-1.12989
cg10527784	CYB5R;L;MRP137 PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX	0.0555325	0.0901555	0.7709	1.25853	0.217354	0.832672	-1.20095	0.852393	1.13258	1.28567	0.856415	1.16766	0.837852	0.713984	-1.40059	0.102123	1.12834	1.12834	0.618303	0.66499	-1.50378	0.0511113
cg14009610	3;PAX3;CDC140	0.0555337	0.0985926	0.444794	-2.24823	0.0841473	0.425419	-2.35062	0.815186	1.11041	1.11041	0.30513	0.621905	-1.60796	0.0864625	2.3328	2.3328	0.212813	0.55606	-1.79837	0.0167261	0.270802	-3.69274
cg26003813	PLK1	0.0555347	0.789997	0.967338	-1.03376	0.0835236	0.78796	-1.2691	0.136521	0.819089	-1.22087	0.0127339	0.680404	-1.46972	0.0769369	0.782938	-1.27724	0.175615	1.19623	1.19623	0.0504255	0.755745	-1.31971
cg07585069	PRDC41	0.0555349	0.0785037	0.3451	3.42125	0.0294291	0.1882	5.3188	0.0099913	0.794662	0.801694	1.17162	1.17162	0.376915	0.690016	1.09387	1.09387	0.343157	1.1451	1.1451	0.0440949	4.2568	4.2568
cg14972792	C17orf71	0.0555372	0.314302	1.26236	1.26236	0.176846	0.52339	-1.91062	0.0112264	0.637017	-1.56982	0.732214	1.09799	1.09799	0.699016	1.09387	1.09387	0.063156	1.59637	1.59637	0.0597871	0.60858	-1.64302
cg05093535	AF73;AFF3	0.0555375	0.409221	0.895588	-1.11658	0.0316686	1.61444	1.61444	0.906301	1.0155	1.0155	0.0814858	1.28697	1.28697	0.35924	0.810285	-1.23413	0.78993	0.965717	-1.0355	0.857073	0.964915	-1.03636
cg18784433	RPTOR;RPTOR	0.0555391	0.154908	0.801489	-1.24802	0.0256739	0.434545	2.30104	0.142141	0.550033	1.81783	0.0.8.4241	0.6421	-1.26193	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.1.8.7.8.2.4	1.0.8.8.8.8	1.0.8.8.8.8	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8
cg21952245	CHD6 TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPA	0.0555392	0.309579	1.24833	1.24833	0.0152924	0.533578	-1.87414	0.124778	0.704312	-1.41983	0.199077	1.33141	1.33141	0.976333	0.993762	-1.00628	0.468492	1.16834	1.16834	0.0162361	1.8591	1.8591
cg15164881	N4;TSPAN4;TSPAN4	0.0555396	0.0118097	0.264956	-3.77422	0.975919	0.98733	-1.01283	0.995226	0.997476	-1.00253	0.670917	0.83481	-1.19788	0.0633101	0.413853	-2.41632	0.13554	0.506819	-1.97309	0.374135	0.680186	-1.47019
cg09548718	XYLT1	0.0555399	0.0942569	0.29489	-3.39109	0.113775	0.319129	-3.13353	0.188604	0.396666	-2.52101	0.353997	0.530993	-1.88326	0.0289033	0.180865	-5.52897	0.198577	0.405813	-2.46419	0.00432977	0.079552	-12.5704
cg10471897	TOP3A;TOP3A;SMCR8	0.0555417	0.0149534	0.2.8.5.9.6	1.01.8.8.8	0.0.8.8.8.8.8	1.75605	1.75605	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.0476509	2.20993	2.20993	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8
cg18856296	CCDC86	0.0555424	0.0573076	0.414847	-2.41053	0.241734	0.332928	-3.00365	0.0881334	0.463022	-2.15973	0.352857	0.676273	-1.47869	0.0099217	0.263783	-3.79099	0.0176499	0.306049	-3.25787	0.0417604	0.382792	-2.61239
cg02109886	MPZ	0.0555503	0.0950393	0.3.8.8.8.8	1.01.8.8.8	0.0.8.8.8.8.8	0.371194	0.0.8.6.5.5	0.0.8.4.2.7.2	0.0.8.7.6.5.3	0.0.8.7.3.5.2	0.0.8.4.5.4.7	0.0.8.7.3.1.5.3	0.0.8.4.5.4.7	0.0.8.4.1.1.3.4	0.0.8.7.3.5.9.6	0.0.8.7.3.5.9.6	0.0.8.4.2.5.4	0.0.8.7.7.6.6.1	0.0.8.7.7.6.6.1	0.0.8.4.2.8.4.8	0.0.8.7.3.5.9.6	0.0.8.7.3.5.9.6
cg21854332	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.0555426	0.504229	0.727066	-1.37539	0.146253	0.08238	2.08238	0.291113	0.597369	-1.67401	0.894661	1.06429	1.06429	0.0886344	0.413385	2.41905	0.242924	1.77661	1.77661	0.0288743	3.35967	3.35967
cg19634247	HOXC8	0.055543	0.614179	1.21351	1.21351	0.0602846	2.24016	2.24016	0.776088	1.11467	1.11467	0.640932	1.1958	1.1958	0.624652	1.2065	1.2065	0.042791	2.42948	2.42948	0.784814	0.900149	-1.10082
cg04376123	GTF2IRD1;GTF2IRD1	0.0555433	0.382841	0.734585	-1.36125	0.0256739	0.434545	2.30104	0.142141	0.550033	1.81783	0.0.8.4241	0.6421	-1.26193	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.1.8.7.8.2.4	1.0.8.8.8.8	1.0.8.8.8.8	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8
cg25353401	MIRLET7C;C21orf34;MIR99A;C21orf34	0.0555435	0.0176545	0.278939	-3.58501	0.0264614	0.312261	-3.20245	0.922152	1.04419	1.04419	0.582612	0.782302	-1.27828	0.00598918	0.204138	4.89865	0.615313	1.25122	1.25122	0.65847	0.821376	-1.21747
cg26690870	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.055544	0.0106491	0.0748233	-13.3648	0.542001	1.64605	1.64605	0.967865	0.967998	-1.03306	0.346026	0.456797	-2.18916	0.0506968	0.165696	-6.03516	0.373593	0.748341	-1.29056	0.0079884	0.554	-1.80478
cg17871793	SALL4 TRIM23;CSorf44;TRIM23;CSorf44;TRIM 23;TRIM23;TRIM23;CSorf44;CSorf44;T	0.0555452	0.0534232	0.761836	-1.31262	0.821267	0.972334	-1.02845	0.659288	0.946472	-1.05655	0.561294	0.92976	-1.07555	0.0136173	0.68493	-1.46	0.111537	1.23974	1.23974	0.0315784	0.731579	-1.36691
cg08307039	RIM23	0.0555453	0.397806	0.866164	-1.15452	0.323265	1.1845	1.1845	0.919208	0.983103	-1.01698	0.0044087	0.532163	-1.87912	0.681482	1.07089	1.07089	0.310551	0.840183	-1.19022	0.609654	1.08822	1.08822
cg15633609	HLA-B	0.055546	0.311997	1.91894	1.91894	0.0852445	3.27304	3.27304	0.0986484	3.09104	3.09104	0.0560967	1.85083	1.85083	0.338019	0.540381	-1.85055	0.0114666	7.17896	7.17896	0.0528971	3.93937	3.93937
cg05935311	BANK1;BANK1	0.0555465	0.0635615	0.28489	2.98489	0.00539381	0.82326	0.82326	0.539011	1.38551	1.38551	0.655155	1.26575	1.26575	0.0408061	0.344833	3.44833	0.062173	3.00719	3.00719	0.0619442	4.80152	4.80152
cg26859992	FANCD2;C3orf24	0.0555466	0.18495	0.74597	1.4599	0.0821	0.0.8.1142	0.0.8.2.0.1.2	0.0.8.2.9.9.9.9	0.0.8.4.0.7.6.6	0.0.8.3.9.6.6.1.3	0.0.8.1.3.1.3.4	0.0.8.6.0.7.2.3.7	0.0.8.6.6.1.3.4	0.0.8.3.1.3.4.2.5	1.0.8.8.5.7	1.0.8.8.5.7	0.0.6.0.1.4.5	0.5.7.9.3.1.4	0.5.7.9.3.1.4	0.1.2.6.5.2.5.2	0.3.9.9.3.6	0.3.9.9.3.6
cg15574469	CSorf155 LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMC	0.0555475	0.672092	1.0865	1.0865	0.730814	1.06961	1.06961	0.0723709	1.47803	1.47803	0.958201	1.01026	1.01026	0.362223	1.2002	1.2002	0.64422	0.91337	-1.09485	0.00258947	0.443294	-2.25584
cg05779148	H1	0.0555516	0.250328	0.449572	-2.22441	0.130525	0.337294	-2.96477	0.369795	0.541726	-1.84595	0.534307	0.657784	-1.52026	0.207971	0.413292	-2.4196	0.83228	0.868363	-1.15159	0.0087079	0.0360023	-27.776
cg22329704	EP400	0.0555519	0.0043802	0.1.8.7.4.6	-5.35208	0.0.8.8.5.1.5	0.279035	0.0.8.5.7.3.9.3	0.0.8.1.5.2.3.8	0.0.8.1.8.0.7.9	0.0.8.5.3.1.2.7	0.0.8.1.5.8.4.4	0.0.8.1.5.7.6.4	0.0.8.1.5.7.4.6	0.0.8.1.6.5.2.3.6	0.0.8.1.5.7.9.9.8	0.0.8.1.5.8.0.4.4	0.0.8.1.5.9.0.8.8	0.0.8.1.6.5.2.2.9	0.0.8.1.6.5.2.2.9	0.0.8.1.5.8.3.8.8	0.0.8.1.5.9.0.8.8	0.0.8.1.5.9.0.8.8
cg15763497	BID;BID;BID	0.0555576	0.228919	1.11823	1.11823	0.118314	0.663605	-1.50692	0.387649	0.808892	-1.23521	0.1810244	1.13734	1.13734	0.120552	0.785717	-1.27272	0.105294	1.28849	1.28849	0.0215425	0.673432	-1.48493
cg09851343	LMF1	0.0555589	0.307427	1.831	1.831	0.0530438	0.284063	-3.52035	0.0222175	0.208205	-4.80295	0.513201	1.46174	1.46174	0.0440044	0.257043	3.89041	0.567534	1.3921	1.3921	0.341623	0.570652	-1.75248
cg10884614	EIF5A;EIF5A;EIF5A	0.0555597	0.0328362	0.182117	-5.49358	0.0267139	0.447451	-2.23511	0.131818	0.526289	-1.9006	0.163536	0.733536	1.36326	0.188834	0.733536	1.36326	0.0.8.2.7.6.2.1	0.0.8.1.5.8.1.2	0.0.8.1.5.8.1.2	0.0.8.3.9.0.9.6.8	0.0.8.3.5.2.2.2	0.0.8.3.5.2.2.2
cg06055044	FBXL7	0.0555611	0.0258024	1.554	1.554	0.133457	1.3094	1.3094	0.111783	0.749453	-1.33431	0.421735	1.14646	1.14646	0.597246	0.91503	-1.09286	0.676574	1.07236	1.07236	0.0072732	1.77989	1.77989
cg07604215	PPM1D	0.0555613	0.372019	0.864598	-1.15639	0.0165518	0.165346	1.58596	0.0.8.2.5.1.5	0.0.8.1.7.7.1	1.19771	0.679235	0.956563	-1.06773	0.0.8.0.1.4.8	0.0.8.9.0.2.1	-1.21774	0.549916	1.10151	1.10151	0.0.8.0.1.4.8	0.0.8.2.5.2.1	0.0.8.2.5.2.1
cg24465133	CCDC154	0.0555616	0.173718	0.45363	-2.20488	0.0256739	0.434545	2.30104	0.142141	0.550033	1.81783	0.0.8.4241	0.6421	-1.26193	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8	0.1.8.7.8.2.4	1.0.8.8.8.8	1.0.8.8.8.8	0.0.8.8.8.8.8	1.0.8.8.8.8	1.0.8.8.8.8
cg19330643	UBQLN1;UBQLN1	0.0555642	0.291291	1.82772	1.82772	0.171298	0.446917	-2.23755	0.271529	1.87892	1.87892	0.502087	0.680053	-1.45338	0.0092314	0.152488	-6.55789	0.111049	0.381592	-2.6206	0.0934482	2.78839	2.78839
cg21112852	FAM18B;6	0.0555653	0.372019	0.864598	-1.15639	0.0165518	0.165346	1.58596	0.0.8.2.5.1.5	0.0.8.1.7.7.1	1.19771	0.679235	0.956563	-1.06773	0.0.8.0.1.4.8	0.0.8.9.0.2.1	-1.21774	0.549916	1.10151	1.10151	0.0.8.0.1.4.8	0.0.8.2.5.2.1	0.0.8.2.5.2.1
cg13245548	C16orf38	0.0555668	0.563466	0.781512	-1.27957	0.265578	0.626164	-1.59703	0.00629022	0.22262	-4.49196	0.264537	0.612106	-1.6337	0.0248083	0.323775	3.08856	0.270322	0.616027	-1.6233	0.1170035	0.292762	-3.41574
cg14435933	ASPG51	0.0555676	0.847345	1.1773	1.1773	0.0985375	0.419877	-2.38144	0.48775	0.943541	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. 47T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 53T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg08055466	ALDH1A1	0.00556262	0.0676167	0.414561	-2.41239	0.00426259	0.193082	-1.57913	0.84038	0.81718	-1.0003	0.336866	0.653222	-1.53087	0.0301046	0.333895	-2.99496	0.182133	0.543884	-1.83863	0.0228206	0.328372	-3.04533	0.0809105	0.419324	-2.12762	0.23542	0.527224	2.6038	1
cg23721586	TGFBR3	0.00556319	0.0228979	0.134609	-7.42894	0.0994422	0.264366	-3.78263	0.150638	0.321452	-3.11088	0.107068	0.265999	-3.75941	0.0101569	0.0917724	-10.8965	0.127518	0.297	-3.36701	0.0193552	0.124494	-8.03251	0.0779334	0.236187	-4.23393	0.045166	0.183944	-5.43644	3.52229	27.9568	7.64091	1
cg07654982	EPHC1	0.00556339	0.207843	0.572165	-1.74775	0.00250131	5.84559	5.84559	0.114336	2.05867	2.05867	0.313881	1.54943	1.54943	0.291977	0.631489	-1.58356	0.752556	0.875492	-1.14222	0.657002	1.2067	1.2067	0.261527	1.636	1.636	0.317473	1.54409	1.54409	0.52224	9.10406	2.48828	1
cg11409200	SYS1;SYS1-DBNDD2	0.00556364	0.44264	0.756771	-1.3214	0.416974	0.744288	-1.34357	0.428425	0.749896	-1.33352	0.00232168	0.0159944	-4.54661	0.787789	0.90922	-1.0998	0.322956	0.695257	-1.43832	0.0724936	2.041207	2.04107	0.498404	1.27715	1.27715	0.254414	0.654634	-1.52757	3.25219	6.528351	1.78438	1
cg09345107	ADPRHL1;ADPRHL1	0.00556366	0.127126	0.612261	-1.63329	0.0361445	0.485435	-2.06383	0.0497107	0.51392	-1.94583	0.127562	0.61266	-1.63223	0.0044096	0.337177	-2.9658	0.01806963	0.425869	-2.34814	0.511864	0.820152	-1.21875	0.392069	0.771484	-1.29788	0.92411	0.972066	-1.02874	3.25218	4.55439	1.24481	1
cg02480696	TAPBP;TAPBP;RGL2;RGL2	0.00556376	0.749286	0.958054	-1.05907	0.448681	1.11429	-1.11429	0.54992	1.08849	-1.08849	0.00516723	0.596006	-1.67784	0.219581	0.834484	-1.19835	0.0361978	0.710774	-1.40692	0.123534	0.791508	-1.26341	0.729614	0.4983	1.00483	1.04983	0.205347	1.20596	1.20596	0.26216	1.03187	0.276568	1
cg00547312	RSL24D1	0.00556376	0.107918	0.597319	-1.67415	0.0725672	0.555147	-1.80133	0.0196201	0.436812	-2.28932	0.619893	0.863396	-1.15822	0.0149631	0.415251	-2.40818	0.0965998	0.585162	-1.70893	0.217656	1.46372	1.46372	0.12811	0.6168	-1.62127	0.0702619	0.551873	-1.81201	3.25216	4.44482	1.21487	1
cg07990658	ACSF3;ACSF3;ACSF3	0.00556381	0.0861069	0.34892	3.16892	0.062761	3.54328	3.54328	0.127276	0.642942	-1.55535	0.345444	1.79988	1.79988	0.24662	0.485353	-2.08093	0.266509	2.01425	2.01425	0.0540552	1.75315	3.75315	0.79985	0.6805958	-1.66092	0.00604923	0.74665	8.7466	3.25215	18.9436	5.15041	1
cg01565366	STK10	0.00556382	0.695818	1.11993	3.145329	0.637134	1.59053	1.59053	0.168415	1.52668	1.52668	0.140538	1.57936	1.57936	0.0960678	0.329478	-3.0351	1.140793	1.56607	0.87148	0.9544	-1.04778	0.665348	1.13375	1.13375	0.817345	0.935415	1.60804	3.25125	9.42814	1.16986	1
cg23778841	TFDP1;TFDP1	0.00556388	0.177725	0.587728	-1.71902	0.221404	0.614979	-1.62607	0.939218	0.971567	-1.02926	0.0474739	2.35741	2.35741	0.832608	0.923065	-1.08335	0.131249	0.539938	-1.85206	0.268579	0.6467116	-1.54627	0.00898288	3.51371	3.51371	0.366639	1.42021	1.42021	0.25213	7.36878	2.01407	1
cg19393111	PNPLA7;PNPLA7	0.00556389	0.0416663	0.379529	-2.63352	0.0179554	0.0722	-1.83793	0.216755	0.322616	-3.09966	0.0657022	0.0745095	-3.42541	0.0681971	0.0946603	-2.55427	0.107281	0.216528	-4.61835	0.0312046	0.0695246	-5.76144	0.0135286	0.0452545	-4.42332	0.25213	0.391086	-3.96548	1
cg02449821	CPNE7;CPNE7	0.00556403	0.0638135	10.347	10.347	0.1880041	14.8472	14.8472	0.228537	4.12625	4.16265	0.196229	4.63044	4.63044	0.920803	1.14685	1.14685	0.810565	1.30907	1.30907	0.0105929	36.7926	36.7926	0.03284	16.4408	16.4408	0.0143263	29.566	29.566	3.2521	64.7862	17.7078	1
cg05069803	TSC1;TSC1;TSC1D4	0.00556411	0.481311	1.77743	1.77743	0.27883	0.404707	-2.47093	0.582662	0.60744	-1.67381	0.567122	0.59175	1.59175	0.328264	0.44448	-2.24982	0.92928	0.931156	-1.07393	0.0018288	0.0284234	-35.1821	0.221318	2.80963	2.80963	0.40213	1.99178	1.99178	3.2508	33.2571	9.09014	1
cg02545354	ANKS1B;ANKS1B;ANKS1B	0.00556436	0.9036353	0.954223	-1.04797	0.0405957	1.49443	1.49443	0.391007	0.46662	-2.14291	0.46462	0.628246	0.8281201	-1.20758	0.0662218	0.450893	-2.21782	0.731638	-1.36307	0.0636372	0.4466553	-2.23887	0.361671	1.43689	1.43689	0.0186169	3.01261	3.01261	3.25203	7.69719	2.1039	1
cg00911398	ARSF	0.00556442	0.398957	0.767125	-1.30357	0.0315447	0.261406	-2.16861	0.261015	0.697767	-1.43315	0.154097	1.59743	1.59743	0.0592277	0.514377	-1.9441	0.153887	0.625835	-1.59787	0.0383304	0.478624	-2.08912	0.0218052	0.42951	-2.32824	0.483727	1.2442	1.2442	3.25201	4.85417	1.32681	1
cg16601663	TTC4;TTC4	0.00556445	0.012229	0.137959	-7.24041	0.0773582	0.767009	-1.30377	0.814261	0.883166	-1.1616	0.0897917	0.305333	-3.27512	0.0113322	0.133795	-7.4741	0.985397	1.01168	-1.01168	0.0647769	0.2682264	-3.72768	0.0813216	0.200142	-4.96466	0.0908243	0.305458	-3.26309	0.91599	20.7266	6.66534	1
cg27194921	PXMP4;PXMP4;PXMP4;PXMP4	0.005648	0.5548321	1.10599	1.10599	0.614844	0.08933	1.08933	0.381565	1.16341	1.16341	0.96595	0.9928265	-1.00723	0.892133	1.02315	1.02315	0.000930826	2.30145	2.30145	0.766843	0.9510882	-1.05143	0.529553	0.8981465	-1.1134	0.273395	1.21196	1.21196	3.25193	1.46499	0.400442	1
cg21247636	EMR1	0.00556484	0.150523	1.13139	-1.13139	0.0240216	0.0787727	-12.6397	0.124008	0.259402	-3.40828	0.227527	0.393528	-2.54241	0.0853295	0.24633	-4.05959	0.2542609	0.416083	-2.40334	0.00956617	0.0801993	-11.2109	0.0158082	0.165445	-6.04432	0.0838	0.244282	-4.09363	3.25192	27.564	7.63829	1
cg21480034	DAB1	0.00556494	0.6953351	0.929235	-1.07615	0.0220791	0.593458	-1.68563	0.847803	1.03625	-1.03625	0.959233	0.9539258	-1.04837	0.0944259	0.9594	-1.04231	0.00636344	0.5155669	-1.93923	0.0402628	0.2952491	-3.38741	0.0139553	0.1325349	-7.54697	0.0124747	0.1202647	1.20247	3.2519	3.79115	0.4499602	1
cg04130459	SLC15A3;SLC15A3	0.00556495	0.898696	0.942161	-1.06139	0.0851105	2.43639	2.43639	0.298252	1.65594	1.65594	0.611432	0.786897	-1.27081	0.0942064	2.36478	2.36478	0.462705	1.41863	1.41863	0.00278412	6.88045	6.88045	0.0396384	3.0434	3.0434	0.821746	0.8998822	-1.11133	3.25189	11.2695	3.08046	1
cg10383986	DNAH17	0.00556499	0.0696294	0.379916	-2.63222	0.0193525	0.210197	-4.74897	0.0319319	0.146835	-6.81035	0.0853682	0.303214	-3.2978	0.0260853	0.172087	-5.8102	0.0678184	0.27707	-3.6092	0.0966099	0.318747	-3.13728	0.127858	0.1539444	-6.49512	-8.81152	0.0334551	0.207852	-4.81128	3.25188	20.3755	5.54222	1
cg21272282	HOXD4;MIR10B	0.00556504	0.0778936	9.19035	9.19035	0.1886635	25.229	25.229	0.0174711	26.4543	26.4543	0.959281	0.943834	-1.05951	0.0942453	8.02751	8.02751	0.0409901	14.4429	14.4429	0.0194731	22.4721	22.4721	0.38239	6.09213	6.09213	0.0907653	8.24545	8.24545	3.25187	66.0179	18.0458	1
cg23889391	ENPP5;ENPP5	0.00556509	0.102803	0.508208	-1.96756	0.074563	0.885735	-1.12901	0.0513417	0.266229	2.66229	0.0170556	0.0911099	7.33602	0.0131999	7	7	0.0204957	0.184107	2.93163	0.0178994	7	7	0.0299641	1.22427	1.22427	0.1720204	1.73602	1.73602	3.25189	64.9649	18.6851	1
cg00238468	ERCC3	0.00556532	0.0164162	0.340184	-2.93959	0.8817237	1.05626	1.05626	0.215254	0.619026	-1.61544	0.0998691	0.515309	-1.94058	0.53509	0.793776	-1.2598	0.071149	0.476571	-2.09832	0.0277247	0.384146	-2.60318	0.665196	1.17361	1.17361	0.0100264	1.302667	-3.30396	3.25181	6.96239	1.90318	1
cg02006915	PCDH24	0.00556534	0.140337	0.478118	-2.09154	0.489364	0.721319	-1.38635	0.0349897	0.18908	-3.1157	0.49483	1.43076	1.43076	0.0157664	0.220342	-3.11583	0.40483	1.48658	1.48658	0.00502523	0.17794	-5.61987	0.594564	0.778893	-1.28387	0.490663	0.722046	-1.38495	3.2518	11.1437	3.04617	1
cg16935799	C8orf51;EIF4EBP3	0.00556541	0.148339	0.68318	-1.46382	0.0139118	0.889417	0.966414	-1.0475	0.329376	-3.03638	0.0466377	0.132526	-7.5472	0.0134775	0.0193024	-11.7296	0.5426	0.859543	-1.16341	0.0115156	0.4983653	-2.00657	0.0222258	0.196159	-5.09759	0.12118	0.515185	0.25379	0.3704	0.848966	1.6866	1
cg09263875	PIGQ;PIGQ	0.00556551	0.0230147	2.19289	2.19289	0.234913	0.697984	-1.4327	0.0298335	0.477942	-2.09231	0.533021	0.833306	-1.20004	0.209215	1.4656	1.4656	0.684494	0.88871	-1.12533	0.565705	0.8456515	-1.18257	0.0382409	2.0009	2.0009	0.3706	0.7667799	-1.30412	3.25176	4.29564	1.17424	1
cg17673157	CBX3;HNRNPA2B1;CBX3;HNRNPA2B1	0.00556562	0.264877	1.17239	1.17239	0.3240651	1.15801	1.15801	0.0135264	1.15086	1.15086	0.895544	1.01814	1.01814	0.58666	1.07803	1.07803	0.881171	1.30301	1.30301	0.0655375	1.1329734	1.13297	0.94099	0.8732576	-1.14119	0.0702428	0.7580909	0.9647511	0.2672222	1
cg13673514	BEGAIN;BEGAIN	0.00556571	0.0539233	3.91028	3.91028	0.2274918	5.07764	5.07764	0.451136	1.61357	1.61357	0.180784	2.14502	2.14502	0.0576724	2.8101	2.8101	0.2040314	3.15519	3.15519	0.0963761	3.706979	3.706979	0.807206	1.16458	1.16458	0.0598308	3.756601	3.756601	3.25172	20	5.4672	1
cg11h.2548028	FAM458;FAM458A	0.00556573	0.220201	0.768535	-1.30118	0.561581	1.12727	1.12727	0.767287	0.941191	-1.06248	0.0226674	1.74585	1.74585	0.0367515	1.63018	1.63018	0.672828	1.09062	1.09062	0.0531425	1.56636	1.56636	0.0337919	1.659	1.659	0.0371185	1.639932	1.639932	3.25172	2.1482	0.587231	1
cg15463686	CSDE1;CSDE1;CSDE1	0.00556578	0.0778224	0.480313	-2.08154	0.2170174	0.7474897	0.9315919	0.146835	0.810035	-1.2345	0.1934	1.0934	1.0934	0.0206059	1.23857	1.23857	0.3099797	1.197077	1.197077	0.0833966	1.174315	1.174315	0.0971096	1.464249	1.464249	0.0215531	1.288	1.288	3.25168	20.3755	5.54222	1
cg01316923	C5orf154;YIPF3	0.00556586	0.457894	0.742769	-1.34631	0.1838182	0.302098	-3.31019	0.236692	0.614019	-1.62861	0.453213	0.740381	-1.35066	0.0515124	0.233931	-4.27477	0.121979	0.57148	-1.75013	0.0376317	0.2706013	-6.26923	0.635732	1.20648	1.20648	0.549348	0.7987948	-1.26912	3.25169	7.9698	2.17864	1
cg02316718	UBC;UBC	0.00556589	0.995987	0.999035	1.00965	0.974563	0.985735	1.01533	0.855	1.03431	1.03431	0.98683	1.00608	1.00608	0.642452	1.03823	1.03823	0.966728	1.03572	1.03572	0.8366734	1.1495	1.1495	0.7495	1.44895	1.44895	0.0664496	1.448914	1.448914	3.25167	1.30369	0.2842	1
cg14837974	OR6S1;CDK11B;CDK11B;CDK11A;CDK11B;CDK11B	0.00556604	0.0389118	0.344672	-2.90131	0.0019022	0.140865	-7.09898	0.333466	0.641171	-1.55965	0.834003	0.910757	-1.09799	0.0388001	0.344397	2.90362	0.428738	0.697726	-1.43323	0.207226	0.552906	-1.80863	0.443562	0.706078	-1.41627	0.825285	0.906194	-1.10352	3.25165	10.2222	2.79441	1
cg11198222	CDK11A;CDK11A;CDK11B;CDK11B	0.00556614	0.482484	1.07648	1.07648	0.00225804	1.55463	1.55463	0.0152008	1.34946	0.903667	0.120586	1.01258	1.01258	0.53005	1.06788	1.06788	0.494432	1.07426	1.07426	0.263577	1.14752	1.14752	0.880771	1.01562	1.01562	0.0739374	1.22826	1.22826	3.25162	0.548914	0.150055	1
cg22374165	LOC102727175	0.005662	0.30227	0.762956	-1.31069	0.920103	0.974897	-1.02575	0.831078	1.05557	1.05557	0.670529	1.11443	1.11443	0.00216419	0.336276	-2.97375	0.103379	1.56986	1.56986	0.865232	1.04394	1.04394	0.278699	0.751899	-1.32997	0.183448	0.699553	-1.42948	3.25161	3.3083	0.902345	1
cg22271047	PTPN22;PTPN22;PTPN22	0.00556623	0.343861	1.17622	1.17622	0.4853768	0.876538	1.14078	0.0783828	0.602407	-1.66001	0.0102535	0.754145	1.32591	0.0214561	0.2158	-4.63441	0.565324	1.1021	1.1021	0.0211731	0.25438	2.05438	0.0748	0.760042	1.08284	1.08284	0.0995576	0.703221	-1.42203	3.2516	4.37564	0.950153	1
cg18876849	HEATR2	0.00556647	0.0414905	0.58873	-1.69857	0.0074297	0.174294	2.17494	0.911916	0.975371	-1.02525	0.259756	0.767261	-1.30334	0.492887	1.16992	1.16992	0.009676	0.665893	-1.50174	0.282243	1.28635	1.28635	0.853505	0.955201	-1.04253	0.322775	0.797005	1.2547	3.25155	6.21525	0.714942	1
cg24315046	TRIM26	0.00557	0.0199818	0.392618	-2.547	0.7371	1.10935	1.10935	0.820689	0.932461	-1.07243	0.0672452	1.88081	1.88081	0.533908	1.21416	1.21416	0.113207	0.588037	-1.70057	0.231912	0.6796543	-1.47136	0.0748573	1.84249	1.84249	0.125679	0.6002229	-1.66603	0.315443	4.8857	1.33567	1
cg02717251	BAT3;BAT3;BAT3	0.00557071	0.0378307	0.258344	-3.86972	0.154452	0.257174	-3.89073	0.0196306	0.196288	-5.09323	0.0362388	0.0961288	-10.4006	0.0284792	0.0656519	-15.2298	0.853027	1.10939	1.10939	0.0513264	0.2924048	-3.41888	0.0764751	0.1266167	-7.89881	0.0511424	0.1226621	0.1773	0.447819	-2.23304	0.2514	0.61478	0.4145	1
cg22047896	GRHL2	0.00557071	0.874383	1.03063	1.03063	0.317851	1.21761	1.21761	0.460324	1.15413	1.15413	0.31443	1.21948	1.21948	0.2935	1.23096	1.23096	0.003582	0.471288	-2.12184	0.364131	1.1959	1.1959	0.968021	0.679324	-1.47205	0.531446	0.88614	-1.12849	3.25141	1.87257	0.511935	1
cg01756327	PIP5KP1	0.00557082	0.262622	1.20407	1.20407	0.4509619	0.690139	0.830838	0.466377	0.866414	-1.15475	0.0233475	1.12726	1.12726	0.0119795	0.2132357	-4.68953	0.1988327	0.8215509	1.2167707	0.0170904	0.4508353	-2.00657	0.0222258	0.196159	-5.09759	0.12118	0.515185	0.25379	0.3704	0.848966	1.6866	1
cg01511669	ESR92	0.00556722	0.0026577	0.449961	-2.22241	0.63205	1.09712	1.09712	0.900307	1.02437	1.02437	0.973701	0.9936861	-1.00635	0.913855	1.02101	1.02101	0.264904	0.799023	-1.25012	0.776613	1.05618	1.05618	0.0360219	1.59769	1.59769	0.753333	0.94123	-1.06244	3.25138	1.90083	0.519665	1
cg18637238	KLF6	0.00556723	0.407855	0.7014	-1.42572	0.2121669	0.270066	-3.70279	0.737531	0.648623	-1.82275	0.4085	0.701757	-1.44705	0.0107478	0.303449	-3.29545	0.1561	0.579865	-1.72454	0.0560918	0.2424692	0.803917	-1.24405	0.4926694	-2.02966	0.1338	0.4729783	0.964751	0.262722	1
cg02180975	C2orf34	0.00556724	0.0938117	0.622512	-1.60643	0.1220618	0.456348	-2.19111	0.0496438	0.44836	-2.23094	0.0994406	0.624787	-1.60124	0.0291129	0.1297237	0.3343	0.315369	0.76563	-1.30611	0.0850721	0.2125752	-4.63197	0.495629	0.836961	-1.1948	0.0363668	0.5348	0.340754	3.25137	1.40755	0.331587	1
cg14794191	SCN9A	0.00556731	0.25539	0.803264	-1.24492	0.3344283	0.634353	-1.57641	0.0902192	0.708584	-1.41127	0.318185	1.20968	1.20968	0.271824	0.809737	-1.23497	0.108907	1.38068	1.38068	0.0396794	1.55094	1.55094	0.136214	1.34476	1.34476	0.749105	1.06099	1.06099	0.35136	1.75286	0.479215	1
cg19388050	KCNQ1;KCNQ1	0.00556743	0.0507217	0.24214	-4.13102	0.0013665	0.256703	-3.89595	0.0185411	0.0855	-11.6955	0.0013665	0.400029	-2.49982	0.0309164	0.1986151	-5.03557	0.168902	0.494394	0.0047101	0.0024076	0.1727	0.169526	-5.89881	0.0178554	0.1430071	-6.99426	-2.00406	0.1175531	0.3830071	2.12065	3.25133	21.8932	5.98544	1
cg17006768	SNORD115-10	0.00556757	0.032861	0.175469	-5.69902	0.122027	0.311824	-3.20694	0.149856	0.340809	-2.93423	0.836552	0.865857	-1.15493	0.0305734	0.170049	-5.88066	0.041676	0.194521	-5.14084	0.0043577	0.0731038	-13.6792	0.22396	0.410345	-2.43698	0.147782	0.338665	-2.95277	3.2513	25.0332	6.84395	1
cg20141652	SLC25A42	0.00556773	0.152839	0.637586	-1.61973	0.222427	1.40768	-1.40768	0.0497693	0.78392	1.09081	1.09081	0.980413	1.00776	1.00776	0.0284574	0.442821	-2.25825	0.790566	1.04747	1.08797	0.0604459	0.32561	-3.07115	0.0492295	0.493926	-2.02835	0.36125	0.908465	-1.10076	3.25127	5.10999	1.39795	1
cg20707229	NFATC2IP	0.00557083	0.0204711	0.3603	-2.77533	0.0166	0.0777	-1.80603	0.0166	0.709814	-1.40882	0.834434	0.956204	-1.04551	0.0184162	0.124424	-8.03925	0.020193	0.573859	-1.74259	0.032659	0.576219	-1.73545	0.0228	0.2170	-4.60625	0.0119462	0.1915033	-5.22156	3.25126	2.10172	0.574607	1
cg02671204	SLC38A8	0.00556775	0.244347	1.34257	1.34257	0.483713	1.18786	1.18786	0.073495	0.61696	-1.62085	0.140919	1.46674	1.46674	0.047741	1.729	1.729	0.177709	1.14104	1.14104	0.0102405	2.18772	2.18772	0.951963	0.985534	-1.01468	0.247355	0.746361	-1.33984	3.25126	3.01244	0.823595	1
cg00634182	NRG1	0.00556776	0.191713	0.833148	0.833148	0.291071	1.12527	1.12527	0.196196	0.772599	-1.29494	0.0336277	0.32267	0.32267	0.0001	0.3812	-2.62298	0.109787	0.539229	-1.85407	0.0150302	0.2636	32.6536	0.0158802	0.9381	19.381	0.0822414	0.70892	0.701892	3.25124	1.44224	0.3	1
cg11221687	ZNF594	0.00556793	0.981396	0.994401	-1.00563	0.0246974	0.525203	-1.90403	0.00507883	0.409903	-2.4396	0.0891926	0.636798	-1.57036	0.542119	0.861928	-1.16019	0.0818519	0.628596	-1.59085	0.308167	1.28914	1.28914	0.163337	0.698918	-1.43078	0.977547	0.993247	-1.0068	3.25122	9.78525	0.816173	1
cg20195005	CYP20C;CYP20C	0.00556798	0.0936308	0.325455	-3.07262	0.0720163	0.0728136	-4.38336	0.0996721	0.435103	-2.29832	0.214848	0.547619	-1.82609	0.0187724	0.240667	-4.15513	0.582668	0.774189	-1.29167	0.0473273	0.1531157	-6.84773	0.0179396	0.550062	-1.81798	0.0413432	0.1378281	-7.25055	3.25122	10.9522	2.99405	1
cg26550854	DGCR2	0.00556795	0.260018	0.781433	-1.2797	0.798556	0.947732	-1.05515	0.639093	1.10423	1.10423	0.239671	1.29492	1.29492	0.0425365	0.447966	-2.23231	0.218179	0.761934	-1.31245	0.630033	0.903139	-1.10725	0.0691393	1.54084	1.54084	0.184451	0.74416	-1.3438	3.25121	2.26887	0.620313	1
cg14142836	UPF1	0.00556812	0.500811	1.57351	1.57351	0.1148004	2.31094	2.31094	0.0313877	5.33764	5.33764	0.123862	3.02085	3.02085	0.669331	0.752015	-1.32976	0.961997	0.968885	-1.03211	0.0147181	7.32828	7.32828	0.069918	3.836	3.836	0.0573455	4.163036	4.163036	3.25118	22.6609	6.1956	1
cg14229611	ENPP4	0.00556824	0.0158222	0.3166	-3.15826	0.0139	0.2391	-4.23391	0.0178374	0.1863	-5.36934	0.0144314	0.1863	-5.36934	0.0144314	0.1863	-5.36934	0.129863	0.812503	-1.23077	0.1478777	0.745212	-1.3419	0.0144314	0.1863	-5.36934	0.0144314	0.1863	-5.36934	3.25118	10.9522	2.99405	1
cg22348992	CHRNA4	0.00556841	0.202203	0.471352	-2.12156	0.193728	0.463877	-2.15574	0.888831	0.08126	1.08126	0.293234	0.543868	-1.83868	0.0031057	0.105231	-9.5029	0.384909	0.607977	-1.6448	0.0823558	0.151397	-6.60515	0.859375	0.905688	-1.10413	0.560407	0.721983	-1.38507	3.25111	16.0664	4.39272	1
cg02451730	FBMD4A	0.00556859	0.0215064	0.436233	-2.29235	0.30229	0.72541	-1.37853	0.597754	1.17346	1.17346	0.0117172	0.388284	-2.57543	0.180845	1.53237	1.53237	0.0866471	1.76565	1.76565	0.446779	0.7921393	-1.26232	0.501266	0.814607	-1.22759	0.740675	1.10492	1.10492	3.25107	4.0664	1.27046	1
cg22612116	ANAPC13;CEPC63;CEPH63;CEPH63;ANAPC1	0.005686	0.398116	1.25295	1.25295	0.282602	0.747505	-1.33778	0.753956	1.0854	1.0854	0.291461	1.33018	1.33018	0.00196579	0.319715	-3.12779	0.181862	0.691175	-1.44681	0.375824	1.26731	1.26731	0.764802	0.905586	-1.10426	0.420976	0.807122	-1.23897	3.25107	3.49804	0.956414	1
cg08441828	CHTF8;CHTF8;CHTF8;CHTF8;C19orf18;CRHR1A	0.005686	0.038946	0.37387	-2.67307	0.1749423	0.909462	-1.09955	0.858453	1.26801	1.26801	0.0178681	1.32609	1.32609	0.0155703	0.2488644	-4.01806	0.045122	0.183601	-5.44703	0.0035035	0.2592535	0.2592535	0.0767674	0.992372	-1.00506	0.0232106	0.9425	-1.06085	3.25106	3.56437	0.979819	1
cg06992324	CLASP1;CLASP1;CLASP1	0.00556878	0.782914	0.888131	-1.12596	0.6578059

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg07650503	C20orf185	0.0557483	0.164406	0.748569	-1.33586	0.738327	0.916647	-1.06764	0.981281	0.995431	1.00459	0.432145	0.855336	-1.16941	0.80331724	0.458115	-2.18286	0.0888879	0.693385	-1.4422	0.8860863	0.690575	-1.44807	0.6210218	0.583653	-1.71924	0.728487	1.0704	1.0704	1.24966	1.96126	0.536469	1
cg22273231	LRRC48;LRRC48;LRRC48;LRRC48	0.0557496	0.280156	1.3345	1.3345	0.182053	1.43916	1.43916	0.407607	1.24324	1.24324	0.0373848	1.86061	1.86061	0.474354	0.829438	1.20564	0.98523	0.995253	-1.00477	0.0335175	2.76082	2.76082	0.0473393	1.79177	1.79177	0.110071	1.56463	1.56463	1.24963	3.40013	0.930056	1
cg08372947	TMEM101 ZNF438;ZNF438;ZNF438;ZNF438;ZNF43	0.0557517	0.752584	0.905058	-1.1049	0.301202	1.402	1.402	0.00685883	0.331405	-3.01746	0.166304	1.59294	1.59294	0.364634	0.745386	-1.34159	0.3045	0.715023	-1.39856	0.0213345	0.4178123	-2.39336	0.362938	0.34306	1.34306	0.933277	0.973932	-1.02677	1.24959	5.12108	1.40081	1
cg02503501	8;ZNF438;ZNF438	0.0557526	0.753261	1.21292	1.21292	0.242724	2.00234	2.00234	0.71213	0.811259	-1.23265	0.033638	1.568462	-5.93607	0.214419	0.475681	-2.10225	0.299794	0.543706	-1.83923	0.0135914	0.94167	0.94167	0.241771	2.00546	2.00546	0.847112	1.11503	1.11503	1.51534	17.336	3.83564	1
cg14205937	WNT7B	0.055753	0.252135	0.620997	-1.61031	0.0028735	1.52001	1.52001	0.134814	1.9004	1.9004	0.1110491	1.99648	1.99648	0.533491	0.777083	-1.28552	0.0827672	2.1493	2.1493	0.267038	1.58489	1.58489	0.825304	1.092003	1.092003	0.431492	1.37678	1.37678	1.24956	8.16299	2.23292	1
cg06526721	PRR16	0.0557548	0.0972552	0.461202	-2.16825	0.91946	0.957902	-1.04395	0.752367	0.874059	-1.14409	0.433365	1.40492	1.40492	0.462873	1.37408	1.37408	0.270382	1.6291	1.6291	0.218258	0.576533	-1.73451	0.00257899	5.91009	5.91009	0.448231	1.38912	1.38912	1.24952	9.30703	2.54589	1
cg10881960	TCEB3	0.0557549	0.148367	0.867321	-1.15337	0.867321	0.996235	-1.00378	0.366367	0.898895	-1.11248	0.0318077	1.260501	1.260501	0.0952981	0.844778	-1.18374	0.255424	1.11547	1.11547	0.0179233	0.763724	-1.30915	0.198011	1.1334	1.1334	0.8665503	1.105561	1.105561	1.24951	0.419374	0.119259	1
ch.7.318201F	GLCCI1	0.0557554	0.0453407	0.336027	-2.97082	0.00754465	0.19585	-5.10594	0.0324424	0.804963	-1.27909	0.0475446	0.341354	-2.92951	0.0360866	0.314704	-3.17759	0.230418	0.550612	-1.81616	0.046334	0.338762	-2.95192	0.110445	0.438238	-2.28188	0.323952	0.616841	-1.62116	2.495	11.5763	3.16666	1
cg35133858	MORN1;RER1	0.0557564	0.0169219	0.0988815	-10.1131	0.0753734	0.208053	-4.80647	0.517967	0.594192	-1.68296	0.111876	0.252825	-3.9553	0.325858	0.446779	-2.23824	0.180469	0.323183	-3.09422	0.00530912	0.0540528	-18.5004	0.032549	0.137094	-7.29429	0.0808076	0.214855	-4.65431	2.49248	32.4636	8.88036	1
cg26017506	ASB14;ASB14	0.055757	0.510873	0.633186	-1.57931	0.0196238	0.96326	0.90326	0.362256	1.89972	1.89972	0.46651	1.66159	1.66159	0.360317	0.524952	-1.90494	0.44517	1.70462	1.70462	0.00741964	0.094188	-10.6261	0.258795	0.446032	-2.24199	0.697871	1.30646	1.30646	1.24947	24.1666	6.61076	1
cg17303540	PCDHGA4;PCDHGA11;PCDHGA12;PCD HGA9;PCDHGA1;PCDHGB1;PCDHGB6;P CDHGB3;PCDHGB7;PCDHGA6;PCDHG	0.0557594	0.0729785	0.325692	-3.07038	0.156077	0.14271	-2.33749	0.522328	1.43867	1.43867	0.0535885	3.4198	3.4198	0.176126	1.20891	1.20891	0.147299	0.481004	-2.39232	0.384643	1.64911	1.64911	0.0110498	5.97621	5.97621	0.959339	1.029101	1.02901	1.02901	1.24941	16.1928	4.42961	1
cg14740860	ZCRB3	0.0557607	0.210797	0.647335	-1.5448	0.0338624	1.51426	1.51426	0.0185871	1.04725	1.04725	0.0144222	2.16916	2.16916	0.0179641	0.857552	-1.02154	0.0558406	0.304037	-3.28922	0.0134668	0.85302	1.06305	0.658406	1.354088	1.25206	0.108835	1.07121	1.07121	1.24938	1.55849	1.5315	1
cg06350203	RASL10B	0.0557607	0.132531	0.58988	-1.69526	0.591909	1.19241	1.19241	0.571726	0.830409	-1.20423	0.586367	1.19562	1.19562	0.0177402	0.391556	-2.55391	0.0104221	0.350355	-2.85425	0.110423	0.567958	-1.76069	0.346298	1.3708	1.3708	0.0720274	0.520478	-1.92131	0.349838	5.44221	1.48875	1
cg18644252	LOC144571	0.0557629	0.12638	1.38947	1.38947	0.00749587	0.396235	-1.00378	0.366367	0.898895	-1.11248	0.0318077	1.260501	1.260501	0.0952981	0.844778	-1.18374	0.308137	0.662354	-1.50972	0.1755113	1.14181	1.14181	0.0099802	3.56284	3.56284	0.223226	1.650033	1.650033	1.24933	7.84852	2.14704	1
cg02729261	DCUN1D4;DCUN1D4	0.0557633	0.317788	0.83272	-1.20088	0.7446501	1.05885	1.05885	0.458024	0.867109	-1.15326	0.0388664	1.544996	1.544996	0.0361286	0.541567	-1.84649	0.510264	0.889728	-1.12394	0.510948	0.889901	-1.12372	0.600533	0.9117712	-1.09684	0.7307221	0.64147	-1.55802	0.49333	1.57498	0.430854	1
cg07438451	SIL1;SIL1	0.0557653	0.0238062	0.701403	-1.42571	0.325171	0.87496	-1.14291	0.0372983	0.727751	-1.3741	0.162063	0.821783	-1.21637	0.167493	0.824117	-1.21342	0.942795	1.00948	1.00948	0.0363503	1.37699	1.37699	0.415692	0.896392	-1.11558	0.0564976	0.752854	-1.32828	0.24928	0.889573	0.243356	1
cg01409924	NCOR2;NCOR2	0.0557659	0.385034	1.23247	1.23247	0.3034823	2.55328	2.55328	0.716262	1.08875	1.08875	0.0939566	1.56059	1.56059	0.229386	1.30783	1.30783	0.817108	1.05587	1.05587	0.154955	1.1589	1.1589	0.0826201	2.503577	2.503577	0.208857	1.196111	1.196111	1.24927	2.81465	0.775463	1
cg17286326	ZNF831	0.0557663	0.0677165	0.294542	-3.3951	0.236324	0.20833	0.20833	0.846124	0.890435	-1.12305	0.825456	0.876412	-1.14102	0.0141087	0.163752	-6.1068	0.452974	0.633416	-1.57874	0.026586	0.208082	-4.8058	0.0272786	0.210093	-4.75981	0.0848128	0.320347	-3.12161	0.249526	18.3578	5.02208	1
cg03978514	TNRC6C;TNRC6C	0.0557673	0.2602809	1.53454	1.53454	0.8223358	1.01562	1.01562	0.0150703	2.92249	2.92249	0.0104111	3.81913	3.81913	0.198691	1.62843	1.62843	0.662871	0.854292	-1.17056	0.618917	0.835258	-1.19725	0.18373	0.6027109	-1.65917	0.0841268	1.98589	1.98589	0.24024	6.632368	1.81447	1
cg16372047	NDUFA12	0.0557685	0.348822	1.18331	1.18331	0.841972	1.03545	1.03545	0.673771	0.928775	-1.07669	0.352548	1.18168	1.18168	0.00370478	0.504425	-1.98246	0.1062	1.36055	1.36055	0.286569	0.825447	-1.21146	0.800821	1.0451	1.0451	0.0915291	0.723069	-1.38299	0.49211	1.56712	0.428718	1
cg21176263	LMX1B	0.0557698	0.708476	0.921179	-1.08557	0.991191	0.99759	-1.00242	0.02153	0.546906	-1.82847	0.00824542	0.477796	-2.09294	0.0504503	0.61426	-1.62798	0.638334	0.901688	-1.10903	0.631466	0.89975	-1.11142	0.0133702	0.51184	-1.95374	0.872544	0.965514	-1.03572	0.24918	2.45874	0.672646	1
cg20060563	CA10;CA10;CA10	0.0557721	0.0137218	0.46907	-2.13141	0.0286149	0.523498	1.91021	0.901662	1.10347	1.10347	0.254999	1.34754	1.34754	0.352034	0.742604	-1.34679	0.1055886	1.15586	1.15586	0.0159756	0.864554	-1.15677	0.254354	1.08884	1.08884	0.787163	0.893544	-1.07018	0.34913	1.23256	0.884358	1
cg26448681	PPP1R3C	0.0557723	0.870642	1.03612	1.03612	0.0426209	0.601572	-1.66231	0.0288963	0.570698	-1.75224	0.0775624	1.53286	1.53286	0.969042	1.00849	1.00849	0.281213	1.27615	1.27615	0.026866	0.565065	-1.76971	0.202719	0.746178	-1.34016	0.262543	0.77543	-1.28961	0.24912	2.43928	0.667334	1
cg30082813	C5orf75	0.0557732	0.0494842	0.496172	-2.01543	0.0244346	0.979738	-1.02014	0.918275	1.00917	1.00917	0.885777	1.08158	1.08158	0.0914861	0.931273	-1.07376	0.913878	0.96739	-1.03441	0.6167447	0.980434	-1.02025	0.844251	0.95264	-1.05028	0.575278	-1.73829	0.24931	5.03112	1.57641	1
cg20705390	TAS1R3	0.0557735	0.0125564	0.188469	-5.30659	0.248668	0.522975	-1.91214	0.279536	0.546439	-1.83003	0.0154163	0.437679	-2.28478	0.013901	0.195219	-5.12244	0.139161	0.425003	-2.35293	0.198766	0.481909	-2.07508	0.0107524	0.178561	-5.60033	0.0522362	0.305172	-3.27684	0.24909	14.8701	4.06816	1
cg20699960	RPS6KA4;MIR1237;RPS6KA4	0.0557742	0.381528	1.42728	1.42728	0.00274296	5.1479	5.1479	0.00785577	3.86536	3.86536	0.689849	1.17234	1.17234	0.184816	1.7463	1.7463	0.360529	1.45152	1.45152	0.180478	1.75722	1.75722	0.370991	1.43927	1.43927	0.297741	1.53402	1.53402	0.24908	8.085555	2.21206	1
cg01098656	ID1	0.055775	0.17183	0.875595	-1.14222	0.688417	0.788926	-1.26755	0.0178435	0.774967	-1.17995	0.0747844	0.815151	1.22675	0.0464884	0.592169	-1.41244	0.941698	1.00682	1.00682	0.8722502	1.22099	1.22099	0.391624	0.92164	1.08486	-1.08496	0.374056	0.91872	-1.08847	0.24899	0.444183	0.121524	1
cg09335314	FN1;FN1;FN1;FN1;FN1	0.0557799	0.0504217	0.445132	-2.24653	0.0076758	0.288337	-3.46816	0.0630622	0.468165	-2.136	0.128528	0.550841	-1.81541	0.0186149	0.355051	-2.81649	0.0925775	0.510765	-1.95785	0.997985	0.999084	-1.00092	0.0486129	0.441482	-2.2651	0.280099	0.66528	-1.50313	0.248954	6.77948	1.85482	1
cg09973191	KIAA1324;KIAA1324L;KIAA1324L	0.0557814	0.0336022	0.3955	-2.52853	0.0185373	0.313234	-3.19211	0.0466511	0.6001755	-1.66602	0.0332092	0.818264	1.22207	0.0170698	0.474102	-2.10907	0.0379434	0.2096496	-4.76991	0.0074105	0.2504657	-3.99341	-5.52659	0.0182355	0.1809343	-5.52659	0.0425206	0.1735984	-5.76099	0.24896	4.12394	1.1966	1
cg17727071	CD8L	0.0557848	0.127303	0.397721	-2.51433	0.577673	1.36931	1.36931	0.0733846	0.327717	-3.05141	0.0653113	0.314682	-3.17781	0.0127955	0.177645	-5.62919	0.268151	0.524907	-1.9051	0.00811138	0.150443	-6.64703	0.963339	1.02602	1.02602	0.151942	1.424136	1.35773	0.24884	16.6072	4.39602	1
cg21808881	RAS577;C11orf35;RAS577;RAS577	0.0557853	0.948449	0.960164	-1.04127	0.523353	1.50394	1.50394	0.0787017	3.71179	3.71179	0.0344888	5.55826	5.55826	0.137841	0.349839	-2.85845	0.0892225	0.285814	-3.49878	?	?	?	?	?	?	0.05113134	0.21899	-4.56642	0.60899	20.3862	3.35876	1
cg17937182	PDE4A;PDE4A;PDE4A;PDE4A	0.0557857	0.0183617	0.270654	-3.69503	0.0136264	0.154758	-6.46057	0.0111731	0.72149	-1.3795	0.0422947	0.194	-5.15432	0.0139106	0.0419247	-23.8504	0.0355155	0.617823	-1.61886	0.0316458	0.4605023	-2.17154	0.1462	0.6841	-1.46172	-1.57854	1.24882	1.98143	0.54122	1.84128	0.542128	1
cg27355009	PRICKLE3	0.0557858	0.437574	1.39327	1.39327	0.1940655	1.77793	1.77793	0.132766	0.506954	-1.97256	0.357823	0.683409	-1.46325	0.00200718	0.160166	-6.20863	0.649976	1.21087	1.21087	0.88178	1.06431	1.06431	0.978869	0.988969	-1.01135	0.33828	0.661384	-1.51398	0.24882	9.02565	2.46945	1
cg21350115	CALCRL;CALCRL	0.0557858	0.0585804	0.318162	-3.14277	0.0770465	0.207707	-4.81839	0.0929167	0.627527	-2.33903	0.0116473	0.266881	-3.74707	0.0041006	0.161835	-6.2106	0.115835	0.742704	-1.34685	0.0135766	0.154357	-6.64438	0.0411507	0.1744	-5.73355	0.0172347	0.144707	-6.91096	0.24877	17.1544	4.62586	1
cg13580196	PDE8A;PDE8A	0.0557891	0.226127	1.54469	1.54469	0.0352967	2.58418	3.8697	0.352349	0.78208	-1.38739	0.0778364	0.511497	-1.95005	0.563531	1.37442	1.37442	0.0848498	0.521032	-1.91927	0.855468	1.06436	1.06436	0.265132	0.672129	-1.48781	0.0882838	0.738247	-1.35456	0.248724	0.02204	1.64769	1
cg06495027	CATSPER1;CATSPER1	0.0557928	0.0293588	0.30073	-3.32524	0.9136349	0.950482	-1.0521	0.584177	0.772	-1.29534	0.222151	0.548411	-1.82345	0.0115838	0.228115	-4.38375	0.11418	0.447293	-2.23567	0.00605052	0.186626	-5.3583	0.11013	0.4425116	-2.2598	0.2543303	0.57274	-1.74599	0.24866	11.2789	3.0861	1
cg24550933	LOC441897	0.0557933	0.590244	1.19599	1.19599	0.5030434	1.02115	1.02115	0.886268	1.12833	0.0965156	0.427522	-2.33903	0.0116473	0.266881	-3.74707	0.161835	0.137221	0.7144	0.7144	-1.39966	0.615781	0.900276	-1.11077	0.6493382	0.397943	-2.52192	0.0704019	0.653927	-1.52922	0.24865	2.2698	0.621067	1
cg17608103	THBS2	0.0557945	0.0554108	0.19323	-5.17518	0.198011	0.542844	-1.84215	0.992983	0.996059	-1.00396	0.223135	0.562819	-1.77673	0.00388	0.418574	-2.38906	0.058869	0.379942	-2.63198	0.029534	0.328237	-3.48133	0.0359204	0.334238	-2.99188	0.231288	0.56903	-1.75738	0.24862	10.3744	2.83866	1
cg22611817	ZSWIM6	0.0557952	0.390665	1.94092	1.94092	0.1966107	1.47	1.47	0.0775124	0.72	-1.38889	0.0776364	0.511497	-1.95005	0.563531	1.37442	1.37442	0.183474	0.340365	-2.93802	0.184468	2.92068	2.92068	0.0497	2.92068	?	0.889695	0.001465	0.0001	0.0001	0.24861	23.2256	6.84358	1
cg12408601	HIST1H4L	0.0557969	0.395557	0.521151	-1.91883	0.477008	1.71874	1.71874	0.0275176	0.74651	0.74651	0.156633	1.11072	1.11072	0.0460905	0.180508	-5.53991	0.0926808	0.99828	0.99828	0.309293	0.454704	-2.19923	0.0374155	6.10446	6.10446	0.887154	0.899106	1.112222	1.24857	28.8654	7.80828	1
cg23994488	NPHP4	0.0557974	0.333146	1.33372	1.13372	0.119462	0.808635	-1.23665	0.140742	0.819391	-1.22042	0.551962	1.07859	1.07859	0.00566376	0.6336	-1.57828	0.854788	1.0233	1.0233	0.0181487	0.697215	-1.43428	0.784919	1.03329	1.03329	0.679368	0.94909	-1.05364	0.248556	0.8131444	0.222497	1
cg10521536	TMEM52	0.0557975	0.8807059	0.960992	-1.04078	0.8107599	0.96736	0.96736	-1.03405	0.0240925	1.84736	0.0170476	0.3100886	3.22625	0.0135098	0.178659	-5.59727	0.0335188	1.77264	1.77264	0.0394553	2.70451	2.70451	0.38745	1.22651	1.22651	0.30661	1.2763	1.2763	1.24855	2.37349	0.747955	1
cg08314603	ACSS3	0.0557999	0.0982314	0.397713	-2.51438	0.196448	0.499385	-2.00246	0.072574	0.361139	-2.76902	0.0472334	0.31529	-3.17169	0.0459161	0.312487	-3.20013	0.0561557	0.332992	-3.00308	0.105991	0.407544	-2.45372	0.317274	0.591212	-1.69144	0.0508597	3.09849	3.09849	2.4851	13.2978	3.63869	1
cg28180967	DNMT1;DNMT1	0.0558007	0.1378101	0.643485	-1.55397	0.6884417	0.876808	-1.1405	0.157571	0.825245	-1.59937	0.1617777	0.624388	-1.6229	0.0644827	0.550468	-1.81692	0.0761906	0.525365	1.90336	0.0405184	0.404037	2.47473	-3.12854	0.0402257	0.166364	-6.00737	0.0171	0.179057	-5.58707	0.248478	0.434948	0.121524	1
cg23983551	NBEAL2	0.0558013	0.0176727	0.202219	2.02219	0.132661	1.48577	1.48577	0.981088	0.994233	-1.0058	0.28473	0.31148	-3.21148	0.405691	0.81254	-1.23071	0.50154	0.846663	-1.18111	0.0320586	1.84565	1.84565	0.0125102	2.13428	2.13428	0.690741	0.906944	-1.1026	0.24847	3.06359	0.838299	1
cg20791525	KCNE1	0.0558015	0.0295532	0.34826	3.85826	0.0395157	3.845847	3.845847	0.516907	1.45514	1.45514	0.492116	0.673257	-1.48537	0.0204924	0.649316	-1.53997	0.19008	2.17101	2.17101	0.1495385	2.40273	2.40273	0.0159673	2.28548	-3.92586	0.0425696	1.758959	3.758959	0.24846	56.5431	4.52674	1
cg20974126	UBE4B;UBE4B	0.0558015	0.0083256	0.10939	-9.1399	0.137777	1.42434	1.42434	0.0873295	0.69255	0.69255	0.159247	1.35122	1.35122	0.838773	0.955911	-1.04612	0.0511412	1.63487	1.63487	0.142502	0.705466	-1.4175	0.480625	1.17195	1.17195	0.131154	0.943436	1.14436	1.14436	0.24846	2.52007	0.689575	1
cg26960370	PSAP;PSAP;PSAP	0.055802	0.132239	1.69151	1.69151	0.0533616	2.01915	2.01915	0.0537852	2.0309	2.0309	0.0097383	2.8801	2.8801	0.957293	0.982823	-1.01748	0.138515	1.67526	1.67526	0.0909265	1.82671	1.82671	0.0172426	2.55672	2.55672	0.0486172	2.072554	2.072554	2.02845	5.38564	1.4737	1
cg12995645	TRPV1;TRPV1;TRPV1;TRPV1;TRPV1	0.055802	0.18812	0.75962	-1.31679	0.3795667	0.29549	-3.38459	0.0150249	0.782002	-1.27869	0.0482092	0.4686	-2.13488	0.0288378	0.3605	-2.77469	0.2924509	0.6855	-1.45852	0.0895511	0.0030	0.0030	0.0030	2.24509	2.24509	0.0030	1.17577	1.17577	0.0030	1.132403	1.13239	0.6916152	1.082506	0.553775	1
cg15685006	BLK	0.0558024	0.518423	0.803047	-1.24526	0.09703188	1.8408	1.8408	0.0680445	0.504267	-1.98308	0.815399	0.924637	-1.08151	0.51069	0.799691	-1.25048	0.381252	0.740164	-1.35105	0.00220281	0.237426	-4.21184	0.915075	0.964893	-1.03638	0.636288	0.852488	-1.17304	0.24844	5.77495	1.58023	1
ch.1.41298BF	DTL	0.0558028	0.0019962	0.0609368	-34.4724	0.324089	0.53598	-1.86574	0.213186	0.448068	-2.2318	0.203216	0.493104	-2.27628	0.0557642	0.266989	-3.74568	0.528166	0.67612	-1.47903	0.0254682	0.196704	0.588377	0.674874	0.7723122	-1.2948	0.7302128	0.808915	-1.23622	0.24843	19.2943	5.27962	1
cg10570975	FAT3	0.0558029	0.450173	1.3141	1.3141	0.1526833	1.52943	1.52943	0.125614	0.730805	1.30763	0.934657	0.979571	1.02085	0.0825509	0.765127	-1.30705	0.72138	0.908724	-1.10044	0.646405	1.23054	1.23054	0.0305509	1.140096	1.140096	0.504407	0.834375	-1.1983	0.24838	5.73678	1.50583	1
cg07834955	SPIN5 GGPS1;ARL04B;GGPS1;GGPS1;ARL04B;	0.0558041	0.00256315	0.148592	-6.72984	0.208396	0.5463	-1.8305	0.611071	1.26339	1.26339	0.894966	1.06206	1.06206	0.0868117	2.36831	2.36831	0.448228	1.42238	1.42238	0.264338	0.588393	-1.69955	0.681044	1.20733	1.20733	0.862716	0.924134	-1.08209	0.24841	10.6913	2.92556	1
cg26020585	GGPS1	0.0558081	0.340687	1.1321	1.1321	0.4706658	1.33265	1.33265	0.588469	1.07139	1.07139	0.35915	1.12653	1.12653	0.259326	1.16032	1.16032	0.372754	0.890807	-1.12258	0.00967314	0.661205	-1.51239	0.249559	0.810692	-1.23351	0.204548	0.844366	-1.18432	0.24831	0.8214446	0.224785	1
cg16608286	C20orf114	0.0558083	0.2022327	1.15745	1.15745	0.2984401	1.23823	1.23823	0.15649	1.7894	1.7894	0.165246	0.780904	1.28035	0.0134108	0.131278	-7.61958	0.171844	1.17111	1.17111	0.0853878	1.25649	1.25649	0.232248	0.872797	-1.14574	0.384311	0.606755	0.166036	1
cg16321030	SSBP3;SSBP3;SSBP3	0.0558103	0.293246	0.785082	-1.27375	0.603911	1.12317	1.12317	0.354518	1.23539	1.23539	0.774052	1.06596	1.06596	0.0269195	0.559021	1.78884	0.600344	1.12448	1.12448	0.00366385	2.39173	2.39173	0.969557	0.9915666	-1.00851	0.731021	1.07895	1.07895	1.24827	2.5338	0.693374	1
cg04315226	FAM156C;FAM156C	0.0558114	0.656279	1.08385	1.08385	0.0472	0.664882	-1.50403	0.144723	0.754585	-1.32523	0.169685	0.768777	-1.30077	0.0109922	0.563523	-1.77455	0.716495	1.06776	1.06776	0.163654	1.30632	1.30632	0.144031	1.32597	1.32597	0.446047	1.14985	1.14985	1.24824	1.66245	0.454933	1
cg10078792	ZFYVE28	0.0558115	2.61816	1.2681	1.2681	2.438184	1.16641	1.16641	0.482393	0.65665	1.00435	0.744748	0.907653	1.07665	0.334413	-1.72398	0.763564	0.940753	1.07665	1.07665	-1.04938	0.0150369	0.940753	1.07665	-1.34998	0.0307204	0.733725	1.32567	1.32567	0.906476	1.02314	1.02314	0.24824	1.94926	0.533421	1
cg08598296	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB	0.0558129	0.124725	0.804496	-1.24301	0.483521	1.09768	1.09768	0.157916	1.21849	1.21849	0.457837	0.905786	-1.10401	0.627082	1.06618	1.06618	0.856077	1.02405	1.02405	0.0026418	0.580092	-1.72387	0.394614	1.12089	1.12089	0.48682	1.09689	1.09689	1.24821	0.883309	0.241175	1
cg07466437	EEF1E1;SCARNA27;EEF1E1	0.0558142	0.350678	1.31985	1.31985	0.578287	0.760947	-1.31415	0.103594	0.59794	-1.67241	0.503219	1.21686	1.21686	0.0405219	0.327934	-3.0494	0.275054	1.3883	1.3883	0.103159	1.6737	1.6737	0.662908	0.880984	-1.1351	0.673218	0.844662	-1.13037	0.24818	4.29387	1.17505	1
cg12074541	SNTG2	0.0558147	0.028326	0.37975	-2.63331	0.0134628	0.318425	-3.14045	0.172575	0.581018	-1.72112	0.456609	0.753084	-1.32787	0.366692	0.706905	-1.41462	0.126763	0.539139	-1.85481	0.0100453	0.296618	-3.37134	0.985827	1.00667	1.00667	0.368919	1.41222	1.41222	1.24817	7.19699	1.96952	1
cg08955995	GRIK5	0.0558163	0.224617	0.434603	-2.30107	0.124552	0.452	-2.2124	0.0218

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09320993	DICER1;DICER1;FLJ45244	0.0558772	0.231318	1.20339	1.20339	0.656965	1.06813	1.06813	0.59448	1.08246	1.08246	0.0700989	0.741849	-1.34798	0.0364683	1.43118	1.43118
cg05666658	CDT1	0.0558776	0.461477	1.21354	1.21354	0.020596	0.486773	-2.05435	0.387624	1.25684	1.25684	0.980099	1.00646	1.00646	0.321913	0.767842	-1.30235
cg01787798	TNR	0.0558782	0.379946	1.42571	1.42571	0.0019925	5.57842	5.57842	0.126223	1.91838	1.91838	0.997346	0.998691	-1.00131	0.925371	1.03758	1.03758
cg11742746	SORL1	0.0558783	0.0116198	0.608755	-1.6427	0.326727	1.1727	1.1727	0.317108	1.17671	1.17671	0.00971234	0.597679	-1.67314	0.0721628	0.729229	-1.37131
cg10657250	NPY2R	0.055879	0.15672	0.425478	-2.3503	0.89599	0.928871	-1.07658	0.0954705	0.355841	-2.81024	0.0685225	0.316514	-3.15941	0.007539	0.143756	-6.95625
cg03236137	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0558796	0.141705	0.344169	-2.90555	0.00775526	10.0572	10.0572	0.0906744	3.51939	3.51939	0.298796	0.483364	-2.06883	0.144494	0.347108	-2.88095
cg11704435	PXMP2	0.055881	0.835371	1.05174	1.05174	0.0682655	0.609642	-1.64031	0.0110331	0.461699	-2.16591	0.441061	1.20979	1.20979	0.0127505	0.472295	-2.11732
cg01919963	CNIH2;RAB1B	0.0558818	0.257578	1.23611	1.23611	0.412645	1.16216	1.16216	0.0705395	0.695856	-1.43708	0.716748	1.06756	1.06756	0.8888	0.975212	-1.02542
cg11887629	PTPRS;PTPRS;PTPRS;PTPRS	0.0558832	0.329674	1.34362	1.34362	0.0057259	2.89691	2.89691	0.00519858	2.95321	2.95321	0.430272	1.26667	1.26667	0.575089	1.18093	1.18093
cg19326179	FMN1	0.0558838	0.705167	0.922301	-1.08424	0.192471	0.745625	-1.34116	0.00681338	0.474283	-2.10845	0.99337	1.00177	1.00177	0.858507	1.0387	1.0387
cg02903601	SNORD12B;C20orf199;SNORD12C;MIR1259;C20orf199;ZNFX1;C20orf199	0.0558871	0.112948	1.41823	1.41823	0.00844306	1.97613	1.97613	0.126011	0.715137	-1.39833	0.281381	1.25451	1.25451	0.31078	0.808645	-1.23664
cg11677857	MMEL1	0.0558889	0.0552773	1.34763	1.34763	0.317166	1.15256	1.15256	0.955207	0.992317	-1.00774	0.0382663	1.39057	1.39057	0.756624	0.958211	-1.04361
cg05664664	ANXA7;ANXA7	0.0558891	0.925161	0.939536	-1.06435	0.0855049	0.213164	-4.69122	?	?	?	0.647866	1.36221	1.36221	0.0337097	0.102669	-9.74004
cg13359031	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.0558891	0.258942	1.72519	1.72519	0.582949	0.773556	-1.29273	0.159347	0.498407	-2.00639	0.746651	1.16193	1.16193	0.00283493	0.149106	-6.70663
cg24814784	NEU1	0.0558896	0.553636	0.889904	-1.12372	0.175722	1.3235	1.3235	0.477692	0.868895	-1.15089	0.214461	0.775368	-1.28971	0.419953	0.851795	-1.17399
cg09830444	EHMT1	0.05589	0.0819944	0.772722	-1.29413	0.0644967	1.32032	1.32032	0.183547	0.827965	-1.20778	0.313542	0.869826	-1.14965	0.755278	1.04272	1.04272
cg14686555	LOC400940	0.0558901	0.370777	1.15734	1.15734	0.109563	0.757774	-1.31966	0.371631	0.864291	-1.15702	0.124672	1.30251	1.30251	0.394769	0.870595	-1.14864
cg20714328	THBS4	0.0558916	0.0314651	0.0918765	-10.8842	0.0101446	0.046498	-21.5063	0.121435	0.204171	-4.89785	0.610444	0.614995	-1.62603	0.823504	0.809473	-1.23537
cg07002447	CILP2	0.0558926	0.159935	0.494398	-2.02266	0.812407	0.89446	-1.11799	0.344756	1.57861	1.57861	0.166073	1.99943	1.99943	0.0355812	0.31736	-3.151
cg22672496	RNF213;LOC100294362	0.0558937	0.471028	1.22189	1.22189	0.893304	1.03736	1.03736	0.894	1.03711	1.03711	0.2762	0.733768	-1.36283	0.00514312	2.7455	2.7455
cg14632507	PDZRN3	0.0558939	0.804891	0.872419	-1.14624	0.174294	0.450709	-2.21873	0.264918	0.526906	-1.89787	0.899264	0.932542	-1.07234	0.2627	0.525205	-1.90402
cg27569107	SMARCE1	0.0558942	0.0719408	0.408359	-2.44882	0.0407074	0.348747	-2.86741	0.0849719	0.427753	-2.3378	0.287987	0.611508	-1.6353	0.052835	0.374857	-2.66769
cg15512851	FGD2;FGD2	0.0558942	0.630731	0.883084	-1.13239	0.612333	0.877057	-1.14018	0.0389003	0.541297	-1.84742	0.0372163	0.537486	-1.86051	0.00569716	0.394234	-2.53656
cg15158106	MACF1;MACF1	0.0558956	0.0248761	0.426415	-2.34513	0.93829	0.975586	-1.02503	0.151153	0.611977	-1.63405	0.651682	1.15612	1.15612	0.0135835	0.377244	-2.65081
cg26146542	DTNA;DTNA;DTNA	0.0558956	0.123856	0.844893	-1.18358	0.577374	1.05858	1.05858	0.00654472	1.42942	1.42942	0.405639	1.08986	1.08986	0.594759	1.0558	1.0558
cg09736083	LRRC43;B3GNT4;LRRC43	0.0558967	0.556565	0.880752	-1.13539	0.727229	1.07764	1.07764	0.146793	1.39449	1.39449	0.251513	0.774288	-1.29151	0.350858	1.22757	1.22757
cg15440973	FAM158A;FAM158A	0.0558974	0.93497	1.01282	1.01282	0.0371169	0.685303	-1.45921	0.889799	0.978585	-1.02188	0.538017	1.10226	1.10226	0.00541002	1.77117	1.77117
cg21620087	DHX8	0.0558979	0.367842	1.25822	1.25822	0.162869	1.4476	1.4476	0.00323159	0.368762	-2.71178	0.283119	0.758105	-1.31908	0.224859	0.728646	-1.37241
cg13760347	CENPM;CENPM	0.0558989	0.0431637	0.6768	-1.47754	0.844269	0.967536	-1.03355	0.0376552	1.49873	1.49873	0.283259	1.20573	1.20573	0.264094	0.822555	-1.21572
cg26213368	BSCL2;BSCL2;BSCL2;GNG3;BSCL2	0.0558992	0.398169	0.67679	-1.47756	0.0086099	4.5357	4.5357	0.104176	2.22937	2.22937	0.0624628	2.57608	2.57608	0.635492	1.24047	1.24047
cg14305799	CD274	0.0558997	0.295346	0.823058	-1.21498	0.489343	0.881596	-1.13431	0.955332	0.989999	-1.0101	0.0543064	0.675806	-1.47971	0.812106	0.95817	-1.04366
cg15703646	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.0558999	0.378459	0.863724	-1.15778	0.810999	1.03961	1.03961	0.408841	0.872007	-1.14678	0.00333552	0.52324	-1.91117	0.0152101	0.61671	-1.62151
cg07047601	LZTR1	0.0559	0.571267	1.05435	1.05435	0.252448	1.11692	1.11692	0.433712	1.07669	1.07669	0.0496824	1.23012	1.23012	0.999526	1.00005	1.00005
cg22545294	EPM2A;EPM2A	0.0559	0.015878	0.276178	-3.62085	0.0274995	0.321202	-3.11331	0.0299549	0.328768	-3.04166	0.755321	1.14588	1.14588	0.028092	0.323072	-3.09528
cg04501840	C1orf95	0.0559009	0.0425498	0.309792	-3.22798	0.0136917	0.216562	-4.61761	0.256401	0.551855	-1.81207	0.216186	0.520427	-1.9215	0.0381749	0.299485	-3.33906
cg02473889	AKAP8	0.0559043	0.0620913	0.750586	-1.33229	0.0244178	0.693309	-1.44236	0.400722	0.889152	-1.12467	0.932732	1.0116	1.0116	0.226439	0.84074	-1.18943
cg25450321	LRRK1	0.0559043	0.786698	0.806564	-1.23983	0.522504	0.598278	-1.67146	0.00947568	13.5381	13.5381	0.876509	1.13117	1.13117	0.605157	0.661425	-1.51189
cg12697789	TLR3	0.0559044	0.0836783	0.285928	-3.49739	0.00463286	0.0851322	-11.7464	0.012229	0.129835	-7.70206	0.112381	0.322894	-3.09699	0.226538	0.435857	-2.29433
cg01793704	MEST	0.0559057	0.0506403	17.6541	17.6541	0.0403021	21.1951	21.1951	0.13474	7.99378	7.99378	0.147822	7.40067	7.40067	0.0373051	22.549	22.549
cg05062556	SFXN5	0.0559073	0.827105	1.04292	1.04292	0.315868	0.819381	-1.22043	0.00997928	0.535267	-1.86823	0.6088	1.10424	1.10424	0.301142	1.22851	1.22851
cg11966063	ZNF57	0.055908	0.00807743	0.669508	-1.49364	0.381489	0.899285	-1.11199	0.113637	0.815803	-1.22579	0.0805524	0.795152	-1.25762	0.101143	0.808716	-1.23653
cg27615378	FOXD4L3	0.0559096	0.0977362	2.3916	2.3916	0.0437184	3.04263	3.04263	0.109208	2.31241	2.31241	0.506911	1.38149	1.38149	0.440369	1.45886	1.45886
cg16423682	CCBE1	0.055911	0.434805	0.668322	-1.49628	0.21876	1.92347	1.92347	0.00693989	5.85103	5.85103	0.743153	0.846803	-1.18091	0.820028	0.891151	-1.12214
cg02856462	SPERT	0.0559111	0.00152348	0.267694	-3.73561	0.485305	1.22721	1.22721	0.542281	1.19496	1.19496	0.783606	0.923589	-1.08273	0.205475	0.679979	-1.47063
cg19030875	SPEN	0.0559128	0.655117	1.23069	1.23069	0.0396244	3.00016	3.00016	0.0788937	2.46184	2.46184	0.832192	1.10293	1.10293	0.138954	0.479323	-2.08628
cg05521581	MMP15	0.0559138	0.178885	0.716588	-1.3955	0.449577	1.19699	1.19699	0.256146	0.758341	-1.31867	0.130855	0.683383	-1.46331	0.00223878	0.36831	-2.7151
cg00045787	SNTB2	0.0559147	0.0319252	0.253422	-3.94599	0.0842927	0.352471	-2.83711	0.0496308	0.294371	-3.39708	0.997527	0.998309	-1.00169	0.00682132	0.147529	-6.77831
cg10693251	RUFY1	0.0559151	0.219441	1.18772	1.18772	0.628797	1.06705	1.06705	0.00201936	1.78639	1.78639	0.754851	0.959131	-1.04261	0.342446	1.13917	1.13917
cg05385119	ABCF1;ABCF1	0.0559169	0.0854945	0.635307	-1.57404	0.188065	1.39498	1.39498	0.0626901	1.64849	1.64849	0.507872	1.17388	1.17388	0.0936522	0.644044	-1.55269
cg07504545	PRELP;PRELP	0.0559171	0.10423	0.807159	-1.23891	0.0209597	1.398	1.398	0.122577	1.22361	1.22361	0.384399	1.11357	1.11357	0.577593	0.934394	-1.07021
cg00329697	PTCH2	0.0559182	0.0311937	19.4859	19.4859	0.329851	3.2578	3.2578	0.125653	7.00437	7.00437	0.115701	7.45108	7.45108	0.0136193	36.0446	36.0446
cg16177585	POLR1A	0.0559185	0.496825	0.849575	-1.17706	0.00698858	2.28041	2.28041	0.975092	0.99265	-1.0074	0.528159	0.85983	-1.16302	0.342989	0.79386	-1.25967
cg25346193	ZNF682;ZNF682	0.0559194	0.285445	1.22132	1.22132	0.201368	1.27526	1.27526	0.43153	0.865307	-1.15566	0.0285625	0.62778	-1.59291	0.467297	0.875211	-1.14258
cg02954052	TMEM44;TMEM44;TMEM44;TMEM44	0.0559195	0.535922	1.17533	1.17533	0.759908	1.0822	1.0822	0.138114	0.662672	-1.50904	0.635995	0.884375	-1.13074	0.0369245	0.535502	-1.86741
cg02295872	WNT9A	0.0559207	0.0523444	0.203483	-4.91441	0.0222251	0.138398	-7.22556	0.145088	0.32333	-3.09281	0.459962	0.5811	-1.72087	0.00293712	0.0524697	-19.0586
cg18734842	FAM176A;FAM176A	0.0559215	0.602746	1.08118	1.08118	0.193134	1.22717	1.22717	0.141931	0.790797	-1.26455	0.402455	1.13583	1.13583	0.0786694	0.748039	-1.33683
cg19782243	PKNOX2	0.0559222	0.427632	0.756881	-1.32121	0.00409156	0.265801	-3.76222	0.00557331	0.285875	-3.49804	0.43459	0.760177	-1.31548	0.217241	0.639865	-1.56283
cg00133204	IPO5	0.0559241	0.0209776	0.199674	-5.00817	0.112551	0.3671	-2.72405	0.0953281	0.345405	-2.89515	0.338943	0.564517	-1.77143	0.00697879	0.132084	-7.57092
cg01003448	FBXL16	0.0559253	0.537477	1.31257	1.31257	0.0156257	3.63711	3.63711	0.368356	1.49554	1.49554	0.636681	0.812808	-1.2303	0.118492	2.09229	2.09229
cg10713137	ARFGAP1;ARFGAP1	0.0559257	0.998342	0.99898	-1.00102	0.485313	0.705954	-1.41652	0.228144	0.537301	-1.86116	0.0110325	0.20895	-4.78584	0.082713	0.389193	-2.56942
cg24610349	SMURF1;SMURF1	0.0559267	0.174522	0.394674	-2.53374	0.0440418	0.2255	-4.43458	0.199354	0.417751	-2.39377	0.320333	1.93671	1.93671	0.0514343	0.239928	-4.16791
cg07586799	TNK2;TNK2	0.0559273	0.11841	0.774495	-1.29116	0.0292312	1.47294	1.47294	0.0190874	1.53364	1.53364	0.277329	1.18567	1.18567	0.996339	0.999309	-1.00069
cg25533993	ZNF473;ZNF473	0.0559287	0.966107	0.97814	-1.02235	0.0220497	4.1715	4.1715	0.0185051	4.41879	4.41879	0.0749101	2.80608	2.80608	0.356746	0.610765	-1.63729
cg18166564	SNORD115-10;SNORD115-42	0.0559294	0.0246178	0.129632	-7.71415	0.0370227	0.157464	-6.35065	0.100793	0.253611	-3.94305	0.411661	0.526889	-1.89793	0.0696989	0.212581	-4.70409
cg01413281	CHUK	0.0559296	0.259265	1.26967	1.26967	0.103036	1.43591	1.43591	0.0222508	1.74344	1.74344	0.161636	1.35418	1.35418	0.207832	1.3092	1.3092
cg05917111	CHST5	0.0559301	0.149841	0.514301	-1.94439	0.077519	0.429519	-2.32819	0.0403625	0.360638	-2.77287	0.227283	0.579316	-1.72617	0.00591249	0.21207	-4.71542
cg05856777	SEC24B;SEC24B	0.0559303	0.107857	0.679608	-1.47144	0.0573407	1.60528	1.60528	0.237066	1.3135	1.3135	0.188043	1.35945	1.35945	0.0728517	0.64372	-1.55347
cg12133118	SLC47A1	0.0559322	0.149548	1.55538	1.55538	0.00553025	2.83568	2.83568	0.971932	1.01011	1.01011	0.209348	1.45973	1.45973	0.0201014	2.22913	2.22913
cg22827986	OR4X1	0.0559331	0.100466	0.328375	-3.0453	0.0122586	0.145029	-6.89518	0.420209	0.600702	-1.66472	0.36806	0.564291	-1.77213	0.0460552	0.242976	-4.11563
cg21320123	DPP6;DPP6	0.0559333	0.506752	0.855232	-1.16927	0.942634	1.01685	1.01685	0.00516722	0.424356	-2.35651	0.0664024	0.620048	-1.61278	0.0620701	0.614034	-1.62858
cg08452964	EYA3	0.0559333	0.0582871	0.34011	-2.94023	0.673428	0.807635	-1.23818	0.0149156	0.221149	-4.52183	0.215569	0.518434	-1.92889	0.013591	0.214602	-4.65979
cg22143209	SDK1;SDK1	0.0559335	0.947978	1.01737	1.01737	0.121304	1.55776	1.55776	0.00442214	2.72478	2.72478	0.40148	1.25431	1.25431	0.766654	0.924479	-1.08169
cg09225449	LOC389333	0.0559349	0.304653	3.59089	3.59089	0.0980854	8.86538	8.86538	0.12339	7.44128	7.44128	0.136874	6.8693	6.8693	0.0320946	20.4777	20.4777
cg14804000	RNF135;RNF135	0.055936	0.0409271	5.37861	5.37861	0.0147883	8.48863	8.48863	0.0428195	5.27199	5.27199	0.208758	2.57251	2.57251	0.608621	1.44523	1.44523
cg13336167	ZNF579	0.0559375	0.824271	0.964282	-1.03704	0.627955	0.923243	-1.08314	0.0453609	1.45559	1.45559	0.0195047	0.630206	-1.58678	0.5495	0.905709	-1.10411
cg05850565	SMEK1	0.0559377	0.516237	0.7118	-1.40489	0.754182	0.850238	-1.17614	0.608503	0.765801	-1.30582	0.0256522	0.254341	-3.93173	0.0298165	0.267009	-3.7452
cg24353779	C10orf75	0.0559385	0.54265	1.08607	1.08607	0.112744	0.793498	-1.26024	0.0998207	0.785347	-1.27332	0.668296	0.943883	-1.05945	0.0104492	1.54016	1.54016
cg23672291	GTF2F2	0.0559403	0.98222	0.99596	-1.00406	0.09446	1.39652	1.39652	0.294447	0.820728	-1.21843	0.0379918	1.54817	1.54817	0.374867	0.847486	-1.17996
cg25562106	C6orf72	0.055941	0.0170734	0.183143	-5.46022	0.148278	0.404414	-2.47272	0.150918	0.407126	-2.45625	0.174499	0.430319	-2.32386	0.00900716	0.143905	-6.94904
cg01889112	FAM63B;FAM63B	0.0559421	0.137969	1.25166	1.25166	0.496843	0.907603	-1.1018	0.984256	1.00278	1.00278	0.175091	1.22467	1.22467	0.0697869	0.752038	-1.32972
cg04995717	TEK;TEK	0.0559425	0.159466	2.20266	2.20266	0.038679	3.51736	3.51736	0.947885	1.03493	1.03493	0.415027	1.549	1.549	0.662244	0.793846	-1.25969
cg24384879	FNBP4;FNBP4	0.0559428	0.140396	1.56238	1.56238	0.823859	0.939208	-1.06473	0.941909	0.979706	-1.02071	0.0161107	2.2897	2.2897	0.214336	0.692263	-1.44454
cg23015917	SLC35D1	0.0559428	0.119453	0.407758	-2.45243	0.0335954	0.267699	-3.73554	0.17789	2.13856	2.13856	0.851405	1.10469	1.10469	0.0486113	0.302413	-3.30674
cg17806623	KL	0.055946	0.154454	3.33719	3.33719	0.00817808	14.5236	14.5236	0.0695035	4.97913	4.97913	0.712298	1.34025	1.34025	0.529818	1.65406	1.65406
cg24030370	TRIM13;TRIM13;TRIM13;TRIM13;DLEU2	0.0559462	0.853964	0.926846	-1.07893	0.0202177	3.28542	3.28542	0.0425389	2.6762	2.6762	0.614228	0.810761	-1.23341	0.178003	0.551249	-1.81406
cg05463027	KIF13A;KIF13A;KIF13A;KIF13A	0.055949	0.29571	0.831528	-1.20261	0.0157342	1.65461	1.65461	0.402629	1.15688	1.15688	0.681475	0.932191	-1.07274	0.00911626	0.569137	-1.75705
cg09459774	FOXP1;FOXP1	0.0559493	0.107821	0.445029	-2.24704	0.0130443	0.241467	-4.14135	0.177107	0.515864	-1.9385	0.931342	0.961021	-1.04056	0.0311322	0.311247	-3.21288
cg24410064	C1GALT1	0.0559497	0.912042	0.983963	-1.0163	0.582308	1.08467	1.08467	0.513022	1.10193	1.10193	0.104208	0.771132	-1.29679	0.462314	0.896303	-1.11569
cg13376046	KIAA1467	0.05595	0.118008	1.21663	1.21663	0.279729	1.13862	1.13862	0.016838	1.40062	1.40062	0.237105	1.15383	1.15383	0.407942	1.10272	1.10272
cg24631735	DZIP1L;DZIP1L	0.0559512	0.0131182	0.109475	-9.13453	0.394936	0.534444	-1.8711	0.352744	0.502776	-1.98896	0.963299	1.03364	1.03364	0.0645691	0.224712	-4.45014
cg16033780	CLEC2L	0.055952	0.580745	0.848675	-1.17831	0.145799	1.58301	1.58301	0.460165	1.24755	1.24755	0.0552025	0.527649	-1.8952	0.0582796	0.532905	-1.87651
cg07710560	PRMT8	0.0559533	0.846905	1.04099	1.04099	0.189339	0.749058	-1.33501	0.0419469	0.614383	-1.62765	0.661613	0.912538	-1.09585	0.825839	1.04686	1.04686
cg00211661	ARAP1;ARAP1;ARAP1	0.0559548	0.0221715	0.19336	-5.1717	0.0421392	0.245886	-4.06692	0.0897514	0.326037	-3.06714	0.0404676	0.242209	-4.12867	0.0610741	0.282304	-3.54229
cg06885910	DOK7;DOK7	0.0559549	0.30973	0.63968	-1.56328	0.247568	0.598195	-1.6717	0.0742816	0.429413	-2.32876	0.934594	1.0355	1.0355	0.00833709	0.23858	-4.19146
cg19392998	SLC44A2	0.0559549	0.252361	2.5763	2.5763	0.702251	0.737852	-1.35528	0.0836569	4.55092	4.55092	0.950147	0.951716	-1.05073	0.0163484	0.0979554	-10.2087
cg18049164	TSLP	0.0559559	0.863442	1.04718	1.04718	0.233795	0.715857	-1.39693	0.0038495	0.352389	-2.83778	0.294392	0.747341	-1.33808	0.537933	0.846188	-1.18177
cg10097295	FOXD3	0.0559561	0.325841	1.67577	1.67577	0.845227	1.10458	1.10458	0.232214	1.89194	1.89194	0.95386	0.970983	-1.02988	0.659806	1.25286	1.25286
cg14457439	WEE1;WEE1	0.0559569	0.0444322	1.50909	1.50909	0.404771	0.859019	-1.16412	0.390981	1.16963	1.16963	0.989363	0.997626	-1.00238	0.816126	0.959327	-1.0424
cg10960709	RAB19	0.0559576	0.0347312	0.336055	-2.9757	0.812445	1.11105	1.11105	0.188869	0.539727	-1.85279	0.43887	0.704841	-1.41876	0.00312942	0.166992	-5.98831
cg14760355	ATP5G3;ATP5G3	0.0559577	0.160135	1.12627	1.12627	0.0117281	0.779198	-1.28337	0.0833172	0.859066	-1.16405	0.792377	1.02112	1.02112	0.60692	0.959713	-1.04198
cg15466505	TBC1D16	0.0559579	0.249864	0.764919	-1.30733	0.146449	1.41534	1.41534	0.625833	1.11573	1.11573	0.104229	0.673127	-1.4856	0.0577275	0.619902	-1.61316
cg04446647	SPATA13;SPATA13	0.0559594	0.0257619	0.404667	-2.47117	0.407928	1.33535	1.33535	0.111165	0.552736	-1.80918	0.202884	1.5829	1.5829	0.111301	0.552883	-1.8087
cg22534627	RASSF3	0.0559612	0.375944	0.902176	-1.10843	0.112065	1.21656	1.21656	0.426615	1.09633	1.09633	0.0890006	0.808555	-1.23677	0.720604	0.960128	-1.04153
cg00173098	NSFL1C;NSFL1C;NSFL1C	0.0559619	0.961064	0.968447	-1.03258	0.0493399	0.22917	-4.36357	0.0463182	0.22334	-4.47748	0.263167	0.464817	-2.15138	0.160275	0.373364	-2.67835
cg08889044	SERHL2;SERHL2	0.0559628	0.400651	1.19294	1.19294	0.847826	1.04018	1.04018	0.427924	0.847069	-1.18054	0.32575	0.812144	-1.23131	0.0861438	0.677841	-1.47527
cg07196488	FBXW11;FBXW11;FBXW11	0.055963	0.937364	0.981335	-1.01902	0.00328232	2.61292	2.61292	0.0170357	2.00852	2.00852	0.222508	1.35979	1.35979	0.800216	1.06268	1.06268
cg13742289	MOBKL2B	0.0559637	0.355876	0.757217	-1.32063	0.642203	1.14685	1.14685	0.0921375	0.581054	-1.72101	0.221983	0.686681	-1.45628	0.00789663	0.368671	-2.71245
cg25634545	NFKB2;NFKB2;NFKB2	0.0559641	0.0317193	0.450997	-2.21731	0.817587	1.0758	1.0758	0.0466443	2.05537	2.05537	0.820857	1.07436	1.07436	0.0686238	0.524888	-1.90517
cg06770993	USP19	0.0559642	0.836241	1.02493	1.02493	0.246813	1.15499	1.15499	0.671955	0.950582	-1.05199	0.0808559	1.25902	1.25902	0.871234	1.01949	1.01949
cg07070694	ZFYVE1;ZFYVE1	0.0559671	0.799796	0.963505	-1.03788	0.605693	1.07916	1.07916	0.391739	1.13697	1.13697	0.00348277	0.559889	-1.78607	0.427176	0.88816	-1.12592
cg23995753	LY75	0.0559701	0.633569	1.32123	1.32123	0.0207811	5.02439	5.02439	0.118169	2.67519	2.67519	0.88052	1.09116	1.09116	0.0969085	2.87741	2.87741
cg20707279	FLII	0.055971	0.883016	1.03095	1.03095	0.0246711	1.7398	1.7398	0.0770382	1.50228	1.50228	0.0211951	1.77455	1.77455	0.974071	0.993295	-1.00675
cg15365320	DKFZp686O24166	0.0559745	0.167506	0.738244	-1.35457	0.966504	1.0087	1.0087	0.51098	0.871512	-1.14743	0.280299	1.26049	1.26049	0.11125	0.699172	-1.43026
cg08121954	TDO2	0.0559747	0.817474	1.05076	1.05076	0.00424443	0.440601	-2.26963	0.01873	0.543289	-1.84064	0.547442	0.877764	-1.13926	0.548498	1.13886	1.13886
cg13985639	DHDPSL;DHDPSL	0.0559748	0.84148	1.0503	1.0503	0.229313	1.36226	1.36226	0.155136	0.688777	-1.45185	0.38841	0.805225	-1.24189	0.238191	1.35361	1.35361
cg00848780	GIPR	0.0559757	0.323084	1.25487	1.25487	0.0240897	1.81919	1.81919	0.0272769	1.78795	1.78795	0.0268628	1.79176	1.79176	0.623331	0.895734	-1.1164
cg05859441	ARHGAP17;ARHGAP17	0.055976	0.0185081	0.199541	-5.0115	0.0536166	0.29035	-3.44411	0.525627	0.695658	-1.43749	0.223432	0.485895	-2.05806	0.0439894	0.2709	-3.6914
cg02871021	MRVI1;MRVI1;MRVI1	0.0559769	0.0562723	0.346633	-2.88489	0.288981	0.58305	-1.71512	0.221167	0.532414	-1.87824	0.0543689	0.343021	-2.91527	0.00534536	0.165575	-6.03956
cg02194398	IL15;IL15	0.0559774	0.0254954	0.254742	-3.92554	0.00594052	0.156713	-6.38108	0.0183517	0.228949	-4.36779	0.243193	0.533069	-1.87593	0.193677	0.492389	-2.03091
cg24328944	DZIP1;DZIP1	0.055978	0.0994192	0.302622	-3.30445	0.34801	0.52757	-1.89548	0.645568	1.35866	1.35866	0.210669	0.417732	-2.39388	0.0387546	0.205162	-4.87419
cg06476606	IFIT2;IFIT2	0.0559794	0.552607	0.847129	-1.18046	0.232112	0.707466	-1.4135	0.209695	0.694135	-1.44064	0.00119701	0.269568	-3.70964	0.373631	0.777085	-1.28686
cg23186104	PDE2A;PDE2A;PDE2A;PDE2A	0.0559796	0.00954625	0.629857	-1.58766	0.3759	0.879878	-1.13652	0.981535	1.00326	1.00326	0.0811392	0.761621	-1.31299	0.01329	0.64919	-1.54038
cg27383468	SFRS18;SFRS18	0.0559797	0.661227	0.808353	-1.23708	0.692892	1.21108	1.21108	0.218663	1.86678	1.86678	0.786524	1.13994	1.13994	0.0660293	0.369732	-2.70466
cg25304680	TRIO	0.0559814	0.170302	0.673178	-1.48549	0.246984	0.720333	-1.38825	0.577669	1.16465	1.16465	0.502943	0.831751	-1.20228	0.00127119	0.279721	-3.57499
cg18431297	SORCS2	0.0559827	0.960696	1.01487	1.01487	0.457126	0.797045	-1.25463	0.441312	0.790407	-1.26517	0.520409	1.21551	1.21551	0.758156	0.911634	-1.09693
cg08374494	ZFPM1	0.0559839	0.0108578	0.480398	-2.08161	0.122471	0.681384	-1.4676	0.0788124	0.639298	-1.56422	0.312468	0.787033	-1.27059	0.00315088	0.396564	-2.52166
cg26426437	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.0559843	0.796073	0.920638	-1.0862	0.373558	1.33863	1.33863	0.141822	1.65585	1.65585	0.439535	0.77747	-1.28622	0.00792834	0.337195	-2.96564
cg14528310	LCE1E	0.0559844	0.0042032	0.124901	-8.00635	0.346852	0.591198	-1.69148	0.261205	0.529522	-1.88849	0.0510703	0.299512	-3.33876	0.0550261	0.307137	-3.25587
cg02691091	SP2	0.0559847	0.670663	0.905758	-1.10405	0.19089	1.3778	1.3778	0.551385	1.14965	1.14965	0.0443297	1.7066	1.7066	0.0101071	0.471914	-2.11903
cg05525368	CDC20	0.0559857	0.027003	0.126293	-7.91809	0.0127751	0.0867909	-11.5219	0.0775554	0.212194	-4.71266	0.123113	0.267166	-3.74299	0.03977	0.152829	-6.54327
cg27440050	MAPK7;MAPK7;MAPK7;MAPK7	0.0559873	?	?	?	0.0424633	7.54326	7.54326	0.00737072	25.7048	25.7048	?	?	?	?	?	?
cg04396314	SCYL1;SCYL1	0.0559907	0.536516	0.893277	-1.11947	0.238133	0.800268	-1.24958	0.325634	1.20083	1.20083	0.001516	0.438817	-2.27885	0.805509	0.956491	-1.04549
cg23666278	GORASP2;GORASP2	0.0559925	0.0664552	1.27964	1.27964	0.234635	0.861357	-1.16096	0.2557	1.15275	1.15275	0.0198	1.40086	1.40086	0.748726	1.03925	1.03925
cg00936435	FAM104B;FAM104B;FAM104B;FAM104B;FAM104B;FAM104B;FAM104B	0.0559927	0.0681264	0.199397	-5.01513	0.128061	0.274914	-3.6375	0.797481	0.81916	-1.22076	0.803844	0.824445	-1.21294	0.0261048	0.122023	-8.1952
cg02909809	A2BP1;A2BP1	0.0559931	0.165817	0.364372	-2.74445	0.822615	1.16577	1.16577	0.531534	1.54177	1.54177	0.39371	0.550564	-1.81632	0.0885558	0.277074	-3.60914

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09320993	0.741755	1.04997	1.04997	0.0567742	1.37431	1.37431	0.00774348	1.65597	1.65597	0.836626	0.97001	-1.03092	3.24676	1.11817	0.306129	1
cg05666658	0.00579117	0.393289	-2.54266	0.0696533	0.592268	-1.68843	0.140463	0.664066	-1.50588	0.665708	0.893851	-1.11876	3.24675	3.42705	0.938251	1
cg01787798	0.145737	1.84977	1.84977	0.0227139	2.92677	2.92677	0.303657	1.52125	1.52125	0.659546	1.19074	1.19074	3.24674	7.9737	2.18303	1
cg11742746	0.222996	0.817526	-1.2232	0.582252	0.916296	-1.09135	0.951166	0.99041	-1.00968	0.544548	0.908013	-1.10131	3.24674	1.273	0.34852	1
cg10657250	0.0532267	0.289674	-3.45215	0.0249833	0.222073	-4.50302	0.747064	1.20028	1.20028	0.0576381	0.297871	-3.35716	3.24672	16.3653	4.4805	1
cg03236137	0.829689	1.15652	1.15652	0.897971	1.09046	1.09046	0.723532	0.786815	-1.27095	0.0991378	0.295122	-3.38842	3.24671	23.4322	6.4153	1
cg11704435	0.0712096	0.613543	-1.62988	0.595361	1.13875	1.13875	0.55511	0.865286	-1.15569	0.193956	0.716658	-1.39537	3.24668	3.02162	0.827272	1
cg01919963	0.211512	0.789658	-1.26637	0.00278154	0.477179	-2.09565	0.814434	1.04309	1.04309	0.203836	0.786143	-1.27203	3.24666	1.65519	0.453168	1
cg11887629	0.9316	1.02553	1.02553	0.0519446	1.91421	1.91421	0.363022	1.31587	1.31587	0.594764	1.17075	1.17075	3.24662	4.43302	1.21371	1
cg19326179	0.907366	1.02508	1.02508	0.0300723	1.72096	1.72096	0.0501608	0.621779	-1.60829	0.55923	0.881913	-1.1339	3.24661	2.32819	0.637434	1
cg02903601	0.380572	1.1998	1.1998	0.243803	0.781159	-1.28015	0.402727	0.840775	-1.18938	0.15405	0.73415	-1.36212	3.24654	2.10901	0.577438	1
cg11677857	0.08964	1.29297	1.29297	0.54475	0.919275	-1.08781	0.00677853	1.61905	1.61905	0.282198	0.857743	-1.16585	3.2465	0.969474	0.265441	1
cg05664664	?	?	?	?	?	?	0.0607635	6.01215	6.01215	0.0484574	7.17199	7.17199	8.23444	30.7327	1.86611	1
cg13359031	0.174682	1.95121	1.95121	0.453766	1.42382	1.42382	0.807562	1.11962	1.11962	0.311177	1.62442	1.62442	3.24649	11.0231	3.01812	1
cg24814784	0.90277	1.02408	1.02408	0.00748478	0.511583	-1.95472	0.851633	0.964207	-1.03712	0.0200702	1.72647	1.72647	3.24648	1.94853	0.533508	1
cg09830444	0.195199	1.20119	1.20119	0.0733417	1.30625	1.30625	0.0488498	0.740096	-1.35118	0.114345	0.794703	-1.25833	3.24647	0.920427	0.252014	1
cg14686555	0.364271	1.15978	1.15978	0.00320955	0.527559	-1.89552	0.369157	0.863602	-1.15794	0.809345	0.962299	-1.03918	3.24647	1.29972	0.355866	1
cg20714328	0.145867	0.228241	-4.38133	0.00962339	0.0450059	-22.2193	0.178338	0.258438	-3.8694	0.0519872	0.123448	-8.10055	3.24644	46.0333	12.6041	1
cg07002447	0.773917	0.873612	-1.14467	0.0143507	0.242655	-4.12107	0.0221218	0.276044	-3.62261	0.921282	0.954687	-1.04746	3.24642	11.3161	3.09843	1
cg22672496	0.0190163	2.17273	2.17273	0.0438037	1.88383	1.88383	0.313773	1.32941	1.32941	0.976103	1.00822	1.00822	3.24639	3.84051	1.05156	1
cg14632507	0.847921	0.899539	-1.11168	0.00159787	0.0823098	-12.1492	0.232652	1.99411	1.99411	0.150725	0.427713	-2.33801	3.24639	15.6356	4.28115	1
cg27569107	0.173457	0.524286	-1.90736	0.0179304	0.277351	-3.60554	0.0885169	2.31123	2.31123	0.474217	0.722901	-1.38331	3.24638	10.22	2.79832	1
cg15512851	0.732936	1.09191	1.09191	0.453548	1.21653	1.21653	0.22639	1.38552	1.38552	0.459917	0.82436	-1.21306	3.24638	3.38828	0.927743	1
cg15158106	0.677354	0.874963	-1.14291	0.00855998	0.342752	-2.91756	0.688929	1.13707	1.13707	0.94389	0.977781	-1.02272	3.24635	5.23957	1.43466	1
cg26146542	0.134588	1.17722	1.17722	0.513492	0.935179	-1.06931	0.17981	0.86582	-1.15497	0.0549143	1.24627	1.24627	3.24635	0.525897	0.143997	1
cg09736083	0.00804706	2.06461	2.06461	0.672174	0.91312	-1.09515	0.0666707	1.55127	1.55127	0.0197556	1.82417	1.82417	3.24632	2.34434	0.641914	1
cg15440973	0.445044	0.885535	-1.12926	0.218601	0.817056	-1.22391	0.265804	0.834386	-1.19849	0.256033	1.20338	1.20338	3.24631	1.25354	0.343238	1
cg21620087	0.252701	0.743284	-1.34538	0.180312	1.42376	1.42376	0.823632	0.946077	-1.057	0.639271	0.88938	-1.12438	3.2463	3.17039	0.868105	1
cg13760347	0.209043	0.800751	-1.24883	0.0225953	0.632431	-1.5812	0.175208	1.2737	1.2737	0.927436	0.984831	-1.0154	3.24627	1.44778	0.396427	1
cg26213368	0.889874	0.939392	-1.06452	0.397878	0.67662	-1.47794	0.0428264	2.86356	2.86356	0.056424	2.65062	2.65062	3.24627	10.4712	2.8672	1
cg14305799	0.542992	0.8954	-1.11682	0.00318657	0.485467	-2.05987	0.238842	1.24777	1.24777	0.163643	1.3057	1.3057	3.24625	1.6554	0.453282	1
cg15703646	0.914686	0.982776	-1.01753	0.203647	0.804501	-1.24301	0.542922	1.105	1.105	0.572349	1.09691	1.09691	3.24625	1.35143	0.370048	1
cg07047601	0.886579	1.01329	1.01329	0.00890514	0.735023	-1.3605	0.62572	1.04652	1.04652	0.0240922	1.28253	1.28253	3.24625	0.439906	0.120455	1
cg22545294	0.137235	0.49794	-2.00827	0.098973	0.454782	-2.19885	0.583549	1.27273	1.27273	0.533841	0.75997	-1.31584	3.24625	9.75552	2.67126	1
cg04501840	0.171676	0.481817	-2.07547	0.0059813	0.164798	-6.06802	0.125667	0.435343	-2.29704	0.153236	0.464191	-2.15428	3.24623	12.9465	3.54505	1
cg02473889	0.207932	1.19884	1.19884	0.457515	1.10887	1.10887	0.779055	1.03916	1.03916	0.00759677	0.62568	-1.59826	3.24615	0.959131	0.262637	1
cg25450321	0.0536157	0.176031	-5.68082	0.0150785	0.0937312	-10.6688	0.815355	0.830769	-1.2037	0.91653	0.920268	-1.08664	3.24615	32.2957	8.84347	1
cg12697789	0.0899503	0.294533	-3.39521	0.132719	0.346122	-2.88916	0.125422	0.338013	-2.95847	0.109321	0.319216	-3.13268	3.24615	21.9905	6.02163	1
cg01793704	0.0585914	15.7084	15.7084	0.0104904	63.5622	63.5622	0.0289188	27.668	27.668	0.0628354	14.8522	14.8522	3.24612	85.4302	23.3934	1
cg05062556	0.536407	1.12779	1.12779	0.0297198	1.63478	1.63478	0.234006	0.786891	-1.27082	0.0936163	0.701729	-1.42505	3.24608	1.89711	0.519493	1
cg11966063	0.312604	1.13148	1.13148	0.596483	1.06523	1.06523	0.250722	0.867674	-1.15251	0.0201625	0.717911	-1.39293	3.24607	0.719069	0.196907	1
cg27615378	0.574228	1.31318	1.31318	0.0296298	3.41756	3.41756	0.00271742	7.29497	7.29497	0.15092	2.09336	2.09336	3.24603	11.8423	3.24287	1
cg16423682	0.927129	1.04735	1.04735	0.275034	0.563094	-1.7759	0.010024	5.17516	5.17516	0.603541	1.30337	1.30337	3.246	13.1477	3.60039	1
cg02856462	0.699377	0.894005	-1.11856	0.276315	1.38676	1.38676	0.574847	1.1778	1.1778	0.589625	0.854503	-1.17027	3.246	4.2863	1.17377	1
cg19030875	0.0101269	0.223625	-4.47178	0.825302	1.10746	1.10746	0.28836	1.6635	1.6635	0.41859	0.682752	-1.46466	3.24596	10.9595	3.00121	1
cg05521581	0.334837	0.792859	-1.26126	0.914377	1.02542	1.02542	0.0408984	0.576537	-1.7345	0.878799	0.965015	-1.03625	3.24594	2.79978	0.766709	1
cg00045787	0.132468	0.412117	-2.4265	0.0676627	0.327022	-3.0579	0.717976	1.21901	1.21901	0.0853385	0.353962	-2.82516	3.24592	15.327	4.19728	1
cg10693251	0.684177	0.946976	-1.05599	0.874129	0.979102	-1.02134	0.0367655	1.38154	1.38154	0.139719	1.23578	1.23578	3.24591	0.912333	0.249841	1
cg05385119	0.0409551	0.569516	-1.75588	0.149887	1.44543	1.44543	0.362603	1.25021	1.25021	0.155169	1.43769	1.43769	3.24587	2.9278	0.801786	1
cg07504545	0.151999	1.20334	1.20334	0.0226234	1.38991	1.38991	0.195706	0.847855	-1.17945	0.38167	1.11429	1.11429	3.24587	0.747888	0.204811	1
cg00329697	0.0993778	8.34369	8.34369	0.0173573	30.047	30.047	0.024957	22.9555	22.9555	0.05812	12.3708	12.3708	3.24584	70.9151	19.4204	1
cg16177585	0.257945	1.32173	1.32173	0.600062	0.882486	-1.13316	0.139265	0.686596	-1.45646	0.0274648	0.539963	-1.85198	3.24583	2.87034	0.786059	1
cg25346193	0.546583	1.11622	1.11622	0.00529374	0.515612	-1.93944	0.272837	0.814103	-1.22835	0.642121	1.088	1.088	3.24581	1.66945	0.45719	1
cg02954052	0.0271536	0.509686	-1.96199	0.231586	1.38177	1.38177	0.0274696	1.95833	1.95833	0.344135	0.777911	-1.28549	3.24581	3.41434	0.935043	1
cg02295872	0.280158	0.444841	-2.24799	0.0717172	0.23437	-4.26675	0.513198	0.619731	-1.6136	0.788966	0.824016	-1.21357	3.24578	26.7634	7.32941	1
cg18734842	0.00834235	1.65054	1.65054	0.833166	1.03185	1.03185	0.229739	0.829177	-1.20602	0.107061	1.29887	1.29887	3.24577	1.13582	0.311056	1
cg19782243	0.441047	0.763216	-1.31024	0.118796	0.558595	-1.7902	0.152803	0.590585	-1.69324	0.45701	0.770653	-1.2976	3.24575	6.08085	1.66532	1
cg00133204	0.369428	0.585829	-1.70698	0.0151559	0.177144	-5.64512	0.246547	0.495124	-2.0197	0.0658059	0.301938	-3.31194	3.24571	17.2986	4.7375	1
cg01003448	0.0766501	2.35801	2.35801	0.00414869	5.33344	5.33344	0.373224	1.48913	1.48913	0.688953	0.839227	-1.19157	3.24568	9.75423	2.67138	1
cg10713137	0.131327	0.449337	-2.2255	0.00603214	0.171755	-5.82226	0.0804539	0.385894	-2.59138	0.0674733	0.365635	-2.73497	3.24567	12.3968	3.39511	1
cg24610349	0.11479	3.01601	3.01601	0.0483806	4.27113	4.27113	0.268668	2.09927	2.09927	0.621367	0.725802	-1.37779	3.24565	21.2994	5.83329	1
cg07586799	0.975625	1.00462	1.00462	0.275185	1.18665	1.18665	0.0158447	1.56124	1.56124	0.210112	1.2203	1.2203	3.24563	1.16809	0.319908	1
cg25533993	0.631089	0.777502	-1.28617	0.407356	0.643477	-1.55406	0.0408843	3.41311	3.41311	0.158393	2.19092	2.19092	3.2456	13.9083	3.80913	1
cg18166564	0.191116	0.34765	-2.87646	0.00559558	0.0622232	-16.0712	0.138582	0.2961	-3.37724	0.0444578	0.171745	-5.8226	3.24559	29.9502	8.20263	1
cg01413281	0.997889	0.999463	-1.00054	0.019322	0.563306	-1.77523	0.608167	1.1106	1.1106	0.0694222	1.50987	1.50987	3.24558	2.1154	0.579357	1
cg05917111	0.031462	0.337341	-2.96436	0.0296716	0.33207	-3.01142	0.39766	0.688673	-1.45207	0.071554	0.420372	-2.37885	3.24557	9.53469	2.61134	1
cg05856777	0.630627	1.11255	1.11255	0.481609	0.85431	-1.17054	0.0310305	1.746	1.746	0.139823	0.704877	-1.41869	3.24557	2.49104	0.68224	1
cg12133118	0.810362	1.07114	1.07114	0.171227	1.51658	1.51658	0.0534481	1.87215	1.87215	0.0338198	2.03072	2.03072	3.24553	4.20051	1.15044	1
cg22827986	0.0101678	0.134533	-7.43309	0.027549	0.199327	-5.01688	0.0711806	0.287281	-3.48091	0.161942	0.39685	-2.51984	3.24551	19.6867	5.39187	1
cg21320123	0.551999	0.869625	-1.14992	0.624546	1.12133	1.12133	0.409273	1.21644	1.21644	0.0302513	0.553524	-1.80661	3.2455	2.77048	0.75879	1
cg08452964	0.192967	0.499374	-2.00251	0.0216018	0.248968	-4.01658	0.742642	1.18066	1.18066	0.0696602	0.359664	-2.78037	3.2455	13.0573	3.57619	1
cg22143209	0.423647	0.806033	-1.24064	0.0200279	2.09707	2.09707	0.579443	0.862678	-1.15918	0.53174	0.846079	-1.18192	3.2455	3.5789	0.980202	1
cg09225449	0.243638	4.33665	4.33665	0.00844793	57.0623	57.0623	0.0135641	39.3933	39.3933	0.0351585	19.1256	19.1256	3.24547	74.3379	20.3601	1
cg14804000	0.725058	1.28634	1.28634	0.00526412	13.7878	13.7878	0.160537	2.91228	2.91228	0.240193	2.40342	2.40342	3.24544	26.1358	7.1583	1
cg13336167	0.501404	1.11806	1.11806	0.0742569	0.722318	-1.38443	0.0999394	1.34288	1.34288	0.104968	1.33609	1.33609	3.24541	1.37472	0.376523	1
cg05850565	0.0452743	0.30537	-3.27472	0.00599526	0.156458	-6.3915	0.531212	0.720655	-1.38763	0.0491284	0.313476	-3.19004	3.2454	13.7116	3.75551	1
cg24353779	0.894284	1.01797	1.01797	0.420361	0.895567	-1.11661	0.624956	1.06824	1.06824	0.0269663	1.42042	1.42042	3.24538	0.922656	0.252709	1
cg23672291	0.0858441	0.708289	-1.41185	0.0698763	0.691929	-1.44524	0.420262	0.861047	-1.16138	0.0295659	0.627846	-1.59275	3.24534	1.69667	0.464714	1
cg25562106	0.0807799	0.322875	-3.09717	0.0149844	0.174456	-5.73209	0.685008	0.788138	-1.26881	0.0958224	0.343724	-2.90931	3.24533	17.5179	4.79813	1
cg01889112	0.48747	0.905618	-1.10422	0.40535	0.887237	-1.12709	0.443193	1.11613	1.11613	0.00456754	1.70018	1.70018	3.2453	1.01509	0.278034	1
cg04995717	0.848866	1.1054	1.1054	0.00242555	9.18522	9.18522	0.467433	0.678161	-1.47458	0.138133	2.31304	2.31304	3.24529	14.1799	3.88387	1
cg24384879	0.107171	1.64008	1.64008	0.806412	0.933257	-1.07152	0.0317361	0.492474	-2.03056	0.159303	0.654978	-1.52677	3.24529	4.06812	1.11426	1
cg23015917	0.0258197	0.245317	-4.07635	0.0803912	0.357106	-2.80029	0.0613143	0.326478	-3.06299	0.693334	1.2342	1.2342	3.24529	14.4888	3.9685	1
cg17806623	0.61647	1.49073	1.49073	0.00824128	14.4653	14.4653	0.032488	7.23595	7.23595	0.162272	3.25331	3.25331	3.24521	32.1295	8.80051	1
cg24030370	0.616586	1.23166	1.23166	0.0246904	0.321852	-3.10701	0.588603	1.25287	1.25287	0.228182	0.591378	-1.69097	3.51028	9.24859	2.04922	1
cg05463027	0.634377	0.921719	-1.08493	0.233239	0.808435	-1.23696	0.845813	0.967418	-1.03368	0.285337	1.20781	1.20781	3.24515	1.48781	0.40753	1
cg09459774	0.0697408	0.392278	-2.54921	0.0186302	0.268205	-3.7285	0.0398668	0.334159	-2.99258	0.898069	1.06092	1.06092	3.24514	10.9413	2.99696	1
cg24410064	0.684806	0.942039	-1.06153	0.00202649	0.528955	-1.89052	0.168694	1.23935	1.23935	0.432706	0.889455	-1.12428	3.24513	1.10024	0.301372	1
cg13376046	0.733717	0.961322	-1.04023	0.0814304	1.24997	1.24997	0.0176826	0.716542	-1.39559	0.98588	1.00205	1.00205	3.24512	0.68587	0.18787	1
cg24631735	0.167958	0.347607	-2.87681	0.00571317	0.073831	-13.5445	0.516659	0.623244	-1.60451	0.0314386	0.162894	-6.13894	3.2451	26.5755	7.27949	1
cg16033780	0.522392	0.826388	-1.21009	0.00460239	0.329798	-3.03216	0.376648	0.76579	-1.30584	0.33571	0.746781	-1.33908	3.24508	4.44636	1.21794	1
cg07710560	0.582197	1.1224	1.1224	0.0179305	0.550032	-1.81808	0.0220903	1.76892	1.76892	0.300104	1.25001	1.25001	3.24505	2.21952	0.607974	1
cg00211661	0.0660882	0.290731	-3.43961	0.0141046	0.162781	-6.14323	0.0582246	0.277324	-3.60589	0.0850204	0.319466	-3.13022	3.24502	18.4523	5.05453	1
cg06885910	0.882885	0.939268	-1.06466	0.00511373	0.207558	-4.81792	0.339538	0.658099	-1.51953	0.0976835	0.461925	-2.16485	3.24502	9.28478	2.54333	1
cg19392998	0.108828	0.250526	-3.9916	0.0188504	0.105226	-9.50338	0.284944	0.41516	-2.40871	0.684342	1.38197	1.38197	3.24502	32.1962	8.81934	1
cg18049164	0.141217	0.654601	-1.52765	0.560535	1.17071	1.17071	0.0102436	0.420331	-2.37908	0.403241	0.795279	-1.25742	3.24499	3.68568	1.00961	1
cg10097295	0.668929	1.24473	1.24473	0.958504	1.02683	1.02683	0.000896394	12.5567	12.5567	0.155838	2.16569	2.16569	3.24499	13.3103	3.64604	1
cg14457439	0.446746	0.870883	-1.14826	0.0586833	0.683378	-1.46332	0.0245114	1.61224	1.61224	0.0296633	1.57828	1.57828	3.24497	1.63323	0.447388	1
cg10960709	0.0386815	0.346182	-2.88865	0.191798	0.542181	-1.8444	0.0814668	0.425062	-2.3526	0.26426	0.597198	-1.67449	3.24496	10.0865	2.76299	1
cg14760355	0.263241	0.911722	-1.09683	0.743206	1.02639	1.02639	0.359135	0.928008	-1.07758	0.0286752	1.22694	1.22694	3.24495	0.322697	0.0883962	1
cg15466505	0.0487591	0.605584	-1.6513	0.0192985	1.87883	1.87883	0.611576	0.892145	-1.12089	0.776936	0.938663	-1.06535	3.24495	2.55228	0.699146	1
cg04446647	0.0272135	0.409441	-2.44235	0.379518	1.3607	1.3607	0.894592	0.955721	-1.04633	0.0491096	0.464215	-2.15417	3.24491	5.99851	1.64319	1
cg22534627	0.537454	0.931701	-1.07331	0.034626	0.756472	-1.32193	0.0444703	0.769921	-1.29883	0.0415783	1.30499	1.30499	3.24487	0.659654	0.180703	1
cg00173098	0.0323162	0.192807	-5.18654	0.00394238	0.078314	-12.7691	0.620826	0.720732	-1.38748	0.0913336	0.294883	-3.39118	3.24486	22.1659	6.07208	1
cg08889044	0.00607138	0.479623	-2.08497	0.0132326	0.532758	-1.87703	0.220982	0.76809	-1.30193	0.577116	1.12245	1.12245	3.24484	2.16114	0.592022	1
cg07196488	0.854498	0.956946	-1.04499	0.290036	0.768545	-1.30116	0.305492	1.28965	1.28965	0.693849	1.09949	1.09949	3.24483	2.95354	0.809093	1
cg13742289	0.687335	0.888266	-1.12579	0.0526933	1.90596	1.90596	0.187375	1.5056	1.5056	0.503904	1.21972	1.21972	3.24482	4.40715	1.2073	1
cg25634545	0.0308634	0.44857	-2.22931	0.531467	0.81836	-1.22196	0.152392	1.62382	1.62382	0.393411	0.758458	-1.31846	3.24481	5.1394	1.4079	1
cg06770993	0.156242	0.834878	-1.19778	0.00366182	0.626522	-1.59611	0.280788	0.875124	-1.14269	0.437535	1.09881	1.09881	3.24481	0.72756	0.199309	1
cg07070694	0.173408	0.80904	-1.23603	0.0254238	0.678002	-1.47492	0.996273	1.00068	1.00068	0.414296	1.12985	1.12985	3.24474	1.09983	0.301295	1
cg23995753	0.0430469	3.85867	3.85867	0.0579977	3.46579	3.46579	0.00713563	7.50412	7.50412	0.0616828	3.38965	3.38965	3.24467	17.2886	4.73626	1
cg20707279	0.271419	1.26745	1.26745	0.0104676	1.94845	1.94845	0.0298645	1.69727	1.69727	0.496578	1.15361	1.15361	3.24465	2.20198	0.603244	1
cg15365320	0.168038	0.738561	-1.35399	0.00182067	0.400877	-2.49453	0.358767	0.823121	-1.21489	0.874357	1.03318	1.03318	3.24458	2.18646	0.599005	1
cg08121954	0.799439	0.946936	-1.05604	0.194114	1.34207	1.34207	0.355332	0.815768	-1.22584	0.264317	0.779446	-1.28296	3.24457	2.35684	0.645684	1
cg13985639	0.36217	1.25802	1.25802	0.00225439	2.85098	2.85098	0.660123	1.11455	1.11455	0.170141	1.43053	1.43053	3.24457	3.08621	0.845504	1
cg00848780	0.027717	1.78397	1.78397	0.855652	0.960304	-1.04134	0.0766942	1.54953	1.54953	0.0720446	1.56305	1.56305	3.24455	2.54253	0.696562	1
cg05859441	0.120505	0.386658	-2.58626	0.0217219	0.211265	-4.7334	0.214766	2.08941	2.08941	0.0877774	0.345329	-2.89579	3.24454	16.3603	4.48213	1
cg02871021	0.701113	1.20806	1.20806	0.0398847	0.312153	-3.20356	0.0516362	0.337679	-2.9614	0.106355	0.421353	-2.3733	3.24452	12.344	3.38185	1
cg02194398	0.0817716	0.370235	-2.70099	0.0575088	0.330672	-3.02415	0.183918	0.483751	-2.06718	0.585365	0.752917	-1.32817	3.24451	13.6368	3.73602	1
cg24328944	0.108177	0.313504	-3.18975	0.00306463	0.0683157	-14.6379	0.0795791	0.275883	-3.62473	0.126274	0.334619	-2.98847	3.2445	22.5076	6.16637	1
cg06476606	0.868764	0.955361	-1.04672	0.132761	0.638952	-1.56506	0.537733	1.18805	1.18805	0.217828	0.699077	-1.43046	3.24447	3.91857	1.07357	1
cg23186104	0.491869	0.906367	-1.10331	0.194073	1.21347	1.21347	0.370222	1.13835	1.13835	0.889039	0.980533	-1.01985	3.24446	1.01905	0.279191	1
cg27383468	0.852678	0.914213	-1.09384	0.00195985	0.121009	-8.26385	0.858732	1.08976	1.08976	0.312991	0.604401	-1.65453	3.24446	11.9614	3.27709	1
cg25304680	0.451722	1.23093	1.23093	0.620946	0.873646	-1.14463	0.752135	1.08965	1.08965	0.495473	0.828982	-1.2063	3.24442	3.77335	1.0338	1
cg18431297	0.4968	0.813283	-1.22958	0.000850255	0.222711	-4.49013	0.981912	1.00681	1.00681	0.948614	0.980878	-1.01949	3.24439	4.61099	1.2633	1
cg08374494	0.673305	0.907375	-1.10208	0.654557	0.90192	-1.10875	0.396035	0.819368	-1.22045	0.199267	0.732803	-1.36462	3.24437	2.69956	0.739623	1
cg26426437	0.0414149	0.471908	-2.11906	0.195319	1.54854	1.54854	0.204853	1.53285	1.53285	0.784848	0.916334	-1.0913	3.24436	5.23812	1.43514	1
cg14528310	0.0396716	0.275076	-3.63536	0.0388976	0.273254	-3.6596	0.315106	0.569142	-1.75703	0.0782491	0.345937	-2.8907	3.24435	15.1278	4.1447	1
cg02691091	0.121541	1.47466	1.47466	0.961303	0.988835	-1.01129	0.0561754	1.6495	1.6495	0.861023	1.04138	1.04138	3.24435	2.75149	0.753855	1
cg05525368	0.121487	0.26538	-3.76818	0.0194146	0.10719	-9.32926	0.0462174	0.164525	-6.07812	0.180841	0.325399	-3.07315	3.24432	32.0826	8.79007	1
cg27440050	0.7761	1.25126	1.25126	0.473379	1.78363	1.78363	?	?	?	0.632265	1.46259	1.46259	4.75937	23.6676	4.97284	1
cg04396314	0.277714	0.815833	-1.22574	0.307882	1.20963	1.20963	0.887439	0.974785	-1.02587	0.740779	1.06169	1.06169	3.24421	1.67062	0.457735	1
cg23666278	0.149298	0.8309	-1.20351	0.105172	0.80888	-1.23628	0.121508	1.22276	1.22276	0.253735	0.866936	-1.15349	3.24417	0.737423	0.202051	1
cg00936435	0.00264097	0.033253	-30.0725	0.134407	0.281839	-3.54812	0.958539	1.04114	1.04114	0.606336	0.66789	-1.49725	3.50907	32.7178	7.25184	1
cg02909809	0.415832	0.566591	-1.76494	0.00215458	0.0527166	-18.9694	0.325634	0.499912	-2.00035	0.0460015	0.209681	-4.76916	3.24416	23.9768	6.56955	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs N)	p-value(1117 vs. N)	Fold-Change(1117 vs N)	p-value(1127 vs. N)	Fold-Change(1127 vs N)	p-value(1217 vs. N)	Fold-Change(1217 vs N)	p-value(1247 vs. N)	Fold-Change(1247 vs N)	p-value(1477 vs. N)	Fold-Change(1477 vs N)	p-value(1537 vs. N)	Fold-Change(1537 vs N)	p-value(1537 vs. N)	Fold-Change(1537 vs N)	p-value(5377 vs. N)	Fold-Change(5377 vs N)	p-value(5637 vs. N)	Fold-Change(5637 vs N)	F(Error
cg21574855	VSIG8	0.0559948	0.0627959	3.057065	-2.80061	0.0701922	0.369453	-2.7067	0.0490574	0.331113	-3.02021	0.094514	0.4049803	-2.46973	0.00497993	0.160628	-6.22555	0.1130301	0.447614	-2.23407	0.0640215	0.360722	-2.72322	0.353317	0.471343	-2.1216	0.0352118	0.299195	0.3423	3.24412	12.4133	3.40673	1
cg23865342	EDNRA;EDNRA;EDNRA	0.0559961	0.4197	1.812048	-1.23145	0.5591186	1.727281	1.727281	0.4377704	1.227129	1.221229	0.989504	0.9966684	-1.00333	0.9231486	1.239963	1.239963	0.7847887	1.07157	1.071557	0.26285	1.34283	1.342083	0.2534586	0.7309967	-1.35141	0.0165785	0.477608	-2.09377	1.24409	3.27627	0.897705	1
cg10760339	COL9A3	0.0559962	0.5936688	1.16689	1.16689	0.1786637	2.28223	2.28223	0.0306201	2.07098	2.07098	0.850092	1.05573	1.05573	0.109517	1.6489	1.6489	0.0168265	2.30723	2.30723	0.0288675	2.09295	2.09295	0.255013	1.40583	1.40583	0.4485541	0.801423	-1.24778	1.24409	4.22088	1.15653	1
cg05387913	PCLO;PCLO	0.0559964	0.153007	0.453018	-2.20735	0.8686534	0.917927	-1.08957	0.0223398	0.246298	-4.06062	0.9618677	0.9975067	-1.02505	0.07210995	0.5134705	-1.94707	0.435614	1.509134	1.509134	0.018742	0.220606	-4.36566	0.9886041	0.9926658	-1.00742	0.0122236	0.198923	-3.02708	1.24409	3.75539	3.7686	1
cg01527946	NFKBIL2	0.0559997	0.672231	1.09258	1.09258	0.0993429	0.686703	-1.45623	0.346051	0.81718	-1.22372	0.7153326	0.170915	1.07919	0.00170329	0.3936558	-2.54028	0.508549	0.869762	-1.14974	0.349576	0.12182	2.12182	0.496873	0.115433	1.15433	0.78368	0.9944354	-1.05893	2.4401	2.224	0.609397	1
cg08890445	SMPD3	0.0560009	0.3296021	1.21456	1.21456	0.167009	1.32926	1.32926	0.1328316	0.9080044	1.9282	1.9282	0.8055	1.04882	0.9048252	1.08426	1.08426	0.3044812	0.30442	0.8141914	-1.22823	0.0738717	0.6805112	-1.46948	0.5559234	0.6581111	-1.5195	0.963275	0.9911444	-1.00894	0.6637358	1.08818	0.248318	0.9991	0.525479	1
cg17432898	DTNBP1;DTNBP1;DTNBP1	0.0560021	0.63289	1.12816	1.12816	0.4743433	1.20001	1.20001	0.171159	1.4407	1.4407	0.165864	1.448516	1.448516	0.0728555	0.6056678	-1.65104	0.2301177	1.37089	1.37089	0.0290972	1.90499	1.90499	0.190663	0.70663	-1.41517	0.0162391	0.28884	2.08884	2.43696	3.22614	0.884007	1
cg12028674	ECH1	0.0560042	0.489639	1.11943	1.11943	0.0992556	0.724343	-1.38056	0.0610833	0.686138	-1.45743	0.132081	1.33651	1.33651	0.520288	1.123314	1.123314	0.0174684	0.596719	-1.67583	0.057484	1.46238	1.46238	0.792747	1.260615	1.06615	0.47705	0.8789946	-1.13773	0.24991	1.636227	0.448366	1
cg06592160	FOXO1	0.0560049	0.164346	1.3891	1.3891	0.0218852	0.543753	-1.83907	0.706373	0.659584	-1.08745	0.775416	1.06541	1.032804	0.2310824	1.73869	1.73869	0.224037	1.32702	1.32702	0.0941912	1.50318	1.50318	0.195392	0.734942	-1.36065	0.2222298	0.752686	1.32858	3.24389	2.52079	0.690745	1
cg07356114	KBTBD11	0.056007	0.0865396	1.61764	1.61764	0.3525101	1.275113	1.275113	0.345614	0.7813331	-1.27987	0.00426903	0.3786518	-2.64119	0.566876	1.15841	1.15841	0.366139	1.26601	1.26601	0.0914638	0.6236564	-1.60343	0.986542	1.00429	1.00429	0.684747	1.10926	1.10926	2.34585	3.31559	0.908547	1
cg24728912	TRIO	0.0560077	0.2548448	1.13224	1.13224	0.2349496	0.915115	1.156253	0.7863208	0.9439413	0.534943	-1.85721	0.7177442	1.07317	0.5344464	1.077151	1.077151	0.754841	1.07617	1.07617	0.5134727	0.8943391	0.8943391	0.9415531	0.9759009	-1.02443	0.7945	0.583359	0.878267	-1.13861	0.42843	2.82127	0.7730908	1
cg25819424	RAP1GAP2;RAP1GAP2	0.0560082	0.46175	0.795913	-1.25642	0.583883	0.18355	-1.18355	0.392774	0.765879	-1.30569	0.472067	0.8002229	-1.24964	0.00179995	0.2641225	-3.78608	0.1813172	0.650312	-1.53772	0.0778159	0.550407	-1.81684	0.0604244	0.5245599	-1.90622	0.105925	0.583893	-1.71264	3.43282	4.76887	1.30679	1
cg01564936	C1orf80	0.0560083	0.9209028	0.308674	-3.25398	0.2609802	0.9659509	-1.03546	0.9619141	0.9813911	-1.62198	0.7182166	0.518076	-1.92687	0.4578284	0.7009969	-1.42649	0.9995513	1.002658	1.002658	0.9923912	0.143737	-6.95713	0.9210135	0.7513157	-1.3674	0.108154	0.4415574	-2.26463	3.43282	10.8009	2.659972	1
cg03402605	C10orf91	0.0560093	0.0443782	2.397664	-2.51469	0.0330781	0.369676	-2.70507	0.0548414	0.419045	-2.38638	0.0221257	0.334315	-2.99119	0.07505037	0.45309	-2.20707	0.0595576	2.427765	-2.33773	0.0168367	0.312011	-3.20501	0.0783942	0.458039	-2.18322	0.0802523	0.460727	-2.17048	2.3248	8.19324	2.24517	1
cg10148591	INSR;INSR	0.0560104	0.0392012	2.878239	-3.59404	0.0585383	0.317656	-3.14806	0.115457	0.399535	-2.50291	0.4729668	0.676158	-1.47894	0.0221403	0.2207674	-4.35224	0.0965725	0.3760441	-2.65929	0.0055137	0.138013	-7.24567	0.147848	0.435012	-2.29879	0.102208	0.383323	-2.60876	2.43277	14.7661	4.04634	1
cg13223754	HLA-E	0.0560143	0.6684015	0.894607	-1.05864	0.2151166	1.18833	1.18833	0.0017682	1.80834	1.80834	0.554365	1.08233	1.082331	0.1882043	1.29119	1.29119	0.565874	1.07878	1.07878	0.7615343	0.960548	-1.04107	0.2343911	0.179101	1.17931	0.0782594	1.29527	1.29527	2.34274	0.8985773	2.246237	1
cg11881861	SGSM2;SGSM2	0.0560133	0.9460266	1.01574	1.01574	0.0853629	0.672811	-1.4863	0.177272	1.34824	1.34824	0.341941	1.22634	1.22634	0.289529	0.79527	-1.25743	0.3916224	1.20068	1.20068	0.0031228	2.32248	2.32248	0.482136	0.861692	-1.16051	0.881847	1.03147	1.03147	2.43571	2.2305	0.611235	1
cg26701043	BAIAP3	0.0560161	0.297852	0.657877	-1.47956	0.115731	0.537596	-1.86013	0.146725	0.568139	-1.76013	0.34198	0.6970131	-1.43466	0.043045	0.42952	-2.32818	0.42897	0.745945	-1.34058	0.0017357	0.197606	-5.06058	0.191249	0.605147	-1.65249	0.0704196	0.479959	-2.08351	1.24364	6.76923	1.85504	1
cg16219122	RUNDC3B;RUNDC3B;ABCB1;RUNDC3B	0.056017	0.325549	0.809794	-1.23488	0.012807	0.525949	-1.90132	0.0890724	0.677245	-1.47657	0.6334	1.10502	1.10502	0.0121627	0.522321	-1.91453	0.28955	0.795749	-1.25668	0.37867	1.20649	1.20649	0.294287	0.7976559	-1.25367	0.0377769	0.6061002	-1.64989	0.34262	2.21896	0.6080847	1
cg16240319	FANK1	0.0560182	0.0232915	0.307959	-3.24733	0.0166632	0.2639	-3.5011	0.0444989	0.3678	-2.71955	0.0138447	0.2187554	0.4849	-2.06478	0.0318438	0.3505394	-2.85331	0.1550575	0.512068	-1.95287	0.0633203	0.4059671	-2.47726	0.0940681	0.4494777	-2.22481	0.1443471	0.5031667	-1.98741	0.2426	0.693756	2.65652	1
cg17741986	ZNF454	0.0560197	0.246085	1.20727	1.20727	0.221245	1.53725	1.53725	0.0068852	1.681	1.681	0.482844	1.11711	1.11711	0.631101	0.927629	-1.07802	0.470372	0.892232	-1.12059	0.1216304	0.272067	1.29207	0.597585	0.9206033	-1.08621	0.0345096	0.46643	1.46643	3.24556	2.13828	0.339429	1
cg16009677	TSPAN2	0.0560202	0.4423922	1.12596	1.12596	0.1787905	0.720163	1.387552	0.7506063	0.9022	1.10822	0.9964683	0.7990612	1.25436	0.8677947	0.9988	0.9988	0.4488955	1.14895	1.14895	0.3150504	0.8675	1.14895	0.5905002	0.917709	-1.08967	0.0228445	0.843844	-1.18505	3.24514	0.8513513	0.2278975	1
cg06857018	MAD1L1;MAD1L1;MAD1L1	0.0560209	0.181742	0.783008	-1.27713	0.0289953	0.15922	1.15922	0.190397	0.787189	-1.27034	0.0211521	1.61339	1.61339	0.626201	0.918783	1.0884	0.168306	0.776202	1.28832	0.17732	1.28072	1.28072	0.693272	0.933881	-1.0708	0.149654	1.30547	1.30547	3.24354	1.52968	0.419209	1
cg14651254	ATAD3A;ATAD3A;ATAD3A	0.0560219	0.0583044	0.154169	-6.48639	0.0227938	0.0926634	-10.7918	0.151956	0.26188	-3.81854	0.205487	0.3116	-3.20924	0.0201322	0.0865427	-11.555	0.0737179	0.175458	-5.69937	0.0163304	0.077071	-12.975	0.0239682	0.0952534	-10.4983	0.146049	0.256068	-3.90521	2.34551	39.1484	10.7287	1
cg02842704	GLRA3;GLRA1	0.0560238	0.1720319	0.820093	-1.58308	0.2609824	0.6062	-1.64962	0.2938524	0.685779	-1.45796	0.2170301	0.4255797	0.6903	0.0009076	0.010935	-9.14557	0.1733511	0.4045109	-2.47179	0.0304313	0.1907	-5.24307	0.0731423	0.2150421	1.1815	1.1815	0.8384939	-1.19269	0.0498536	0.693781	1.44138	3.24226	0.8085	0.5740719	1
cg22798758	PTPIE	0.0560244	0.1018897	0.777107	-1.28682	0.892833	0.98116	-1.0192	0.056846	0.738178	-1.35469	0.810629	1.03439	1.03439	0.286005	0.855507	-1.1689	0.9920342	0.998596	-1.00141	0.00382275	1.73194	1.73194	0.903008	1.01732	1.01732	0.580872	1.08171	1.08171	0.34646	1.0193	0.279264	1
cg20736574	PLA2G2F;PLA2G2F	0.0560275	0.250284	1.21625	1.21625	0.0991938	0.74486	-1.3423	0.1026477	0.647715	-1.33741	0.0682062	1.39477	1.39477	0.0807251	0.680276	1.06981	1.06981	0.2205918	1.24285	1.24285	0.0584453	1.72974	1.72974	0.7848675	0.940536	-1.05648	0.1784939	0.515863	1.51863	3.24319	1.36376	0.5737754	1
cg08686960	COX7A1	0.0560277	0.386558	-1.39592	1.39592	0.0027463	0.172601	4.72601	0.4726201	0.316515	3.01615	0.3119618	1.47153	1.47153	0.97889	1.00999	1.00999	0.074366	2.09734	2.09734	0.0872861	2.01287	2.01287	0.463307	1.32212	1.32212	0.530587	1.26963	1.26963	1.26963	1.26963	1.25402	1.98805	1
cg05324696	RXRB	0.056029	0.552265	1.22643	1.22643	0.5354491	0.808151	-1.23739	0.251404	1.50194	1.50194	0.906668	0.9609691	-1.04062	0.2500336	0.6649552	-1.50387	0.2988444	0.693832	-1.44127	0.00708154	0.3069901	-3.25838	0.784437	0.9111125	-1.09754	0.00793401	0.314487	-3.17592	2.43636	5.91889	1.62216	1
cg09077126	NPFFR1	0.0560284	0.1528621	1.49145	1.49145	0.1533615	0.191334	-2.31189	0.1888308	0.583238	-1.71459	0.1597097	0.3134	-3.18939	0.0705703	0.2244019	-4.45709	0.3827271	1.20864	1.20864	0.1088644	1.68196	1.68196	0.7134158	0.9067628	-1.03345	0.3434135	0.6478	2.23302	3.24584	1.68196	0.7134158	0.9067628	1
cg18182475	RBPJ;RBPJ;RBPJ;RBPJ	0.0560322	0.186092	1.48274	1.48274	0.0442866	0.52248	-1.91395	0.154214	0.651448	-1.53504	0.0163534	0.28116	2.28116	0.480721	1.23337	1.23337	0.196806	1.4673	1.4673	0.0963972	1.67016	1.67016	0.367234	1.38724	1.38724	0.434482	1.799264	1.25115	3.24328	4.05526	1.11143	1
cg09706381	DOK4	0.0560323	0.2965161	1.28012	1.28012	0.1720163	0.587357	-1.70212	0.2676	0.72671	1.37657	0.2676	0.2676	0.2676	0.2676	0.2676	0.2676	0.5231581	1.4101	1.4101	0.0951128	0.4885	1.4885	0.5905002	0.917709	-1.08967	0.2028445	0.843844	-1.18505	3.24514	0.8513513	0.2278975	1
cg20086523	DHRS12;DHRS12;DHRS12	0.0560323	0.0191818	0.642718	-1.55589	0.443979	0.12946	1.12946	0.712421	1.05945	1.05945	0.684483	1.0658	1.0658	0.641309	0.9292405	-1.07593	0.0534522	0.710215	-1.40803	0.404952	0.875533	-1.14216	0.0124998	1.62373	1.62373	0.540081	1.1016	1.1016	3.24328	1.49044	0.342573	1
cg11477110	EEF2	0.0560329	0.162963	0.831078	-1.20326	0.0943392	0.795731	-1.25671	0.909557	0.98598	-1.01422	0.185337	0.8398691	-1.19066	0.586569	1.0706	1.0706	0.0080343	0.655777	-1.52491	0.0300473	0.728296	1.37307	0.8634532	0.771592	-1.29602	0.267746	1.15423	1.15423	3.24327	0.7929922	0.2177318	1
cg00251594	GNL1	0.0560331	0.2883829	1.14778	1.14778	0.2284629	0.794519	-1.2582	0.2040956	0.641677	-1.56262	0.0416577	0.6221222	-1.6074	0.124405	0.7144455	1.39967	0.3564552	1.15616	1.15616	0.1954121	1.36115	1.36115	0.7845616	0.8184439	-1.19269	0.0748536	0.693781	1.44138	3.24226	0.8085	0.5740719	1
cg18501615	COMMD7;COMMD7;COMMD7;COMM D7	0.0560374	0.479419	1.55928	1.55928	0.926055	0.944573	-1.05868	0.0241237	0.171112	-5.84412	0.516317	1.50113	1.50113	0.0371252	0.207627	-4.81633	0.678698	1.29223	1.29223	0.039463	4.68843	4.68843	0.19668	2.35277	2.35277	0.073558	1.58072	3.58072	1.89373	22.1567	3.79356	1
cg03582047	GLP2R	0.0560385	0.997356	1.00141	1.00141	0.0063342	0.45808	2.18257	0.895427	1.05653	1.05653	0.526035	0.760186	-1.31547	0.141198	0.509009	-1.9646	0.230403	1.7108	1.7108	0.348867	1.50918	1.50918	0.0220805	1.22657	1.32657	0.390646	0.687028	-1.45555	3.24314	9.35459	2.56393	1
cg23801021	PDE2A;PDE2A;PDE2A;PDE2A;PDE2A	0.0560405	0.390078	0.829048	-1.2062	0.9441115	0.984397	-1.01585	0.458689	0.851618	-1.17424	0.627291	0.901084	-1.10977	0.0307927	0.582779	-1.71592	0.0730601	0.6534	-1.53046	0.00609512	0.4666663	-2.14288	0.0125504	0.5163384	-1.93654	0.899653	1.02722	1.02722	2.4321	3.32746	0.637926	1
cg25954914	SPTBN1;SPTBN1	0.0560413	0.0528253	1.7355	1.7355	0.0185472	0.13827	-1.72377	0.0433129	0.37605	-2.65844	0.0133129	0.2650	0.4878	-2.04994	0.0110848	0.3505394	-2.85331	0.4079399	0.450551	-2.21915	0.0487	0.4878	0.5905002	0.917709	-1.08967	0.2028445	0.843844	-1.18505	3.24514	0.8513513	0.2278975	1
cg12550312	RBM38;RBM38	0.0560416	0.470514	1.08976	1.08976	0.097077	1.23768	1.23768	0.602301	1.06349	1.06349	0.460117	1.09205	1.09205	0.941855	0.991495	-1.00858	0.403975	0.904845	-1.10516	0.00255707	1.6218	1.6218	0.209758	0.8566041	-1.1674	0.290304	0.87941	-1.13713	3.24307	0.7042616	0.193017	1
cg12126376	PGBD5	0.0560422	0.315297	1.1	1.1	0.0433581	0.14883	-1.14883	0.2170301	0.42657	-2.34552	0.2170301	0.42657	-2.34552	0.0878712	0.3853252	-2.59511	0.6058803	1.12007	1.12007	0.4888222	0.334006	1.12007	1.12007	0.7733302	1.22103	1.22103	0.6062239	0.7384186	1.22103	1.22103	1.22103	1.22103	1.22103	1
cg03502446	NUP37;C12orf48	0.0560425	0.0438569	0.500432	-1.99827	0.727154	0.900608	-1.11036	0.501008	1.22644	1.22644	0.0883211	0.5700371	-1.75417	0.0112277	0.386975	-2.58415	0.5889445	0.849556	-1.17709	0.0801602	0.5598151	-1.78631	0.44612	1.26124	1.26124	0.105272	1.60712	1.60712	3.24305	4.5874	1.25736	1
cg23337698	OSER1	0.0560426	0.388381	0.727975	-1.37405	0.320416	0.897808	-1.1645	0.4523787	0.847715	-1.33741	0.0682062	1.39477	1.39477	0.0807251	0.680276	1.06981	1.06981	0.429588	1.12822	1.12822	0.1099455	1.65059	1.65059	0.7884753	0.940536	-1.06348	0.1784939	0.515863	1.51863	3.24319	1.36376	0.5737754	1
cg16407947	RBM25	0.0560447	0.51852	0.635553	-1.52986	0.1784	0.1226728	1.84446	0.0704076	0.37477	-2.6683	0.0181052	0.729032	-1.37618	0.9248314	1.32832	1.32832	0.3107833	0.40399	-2.47067	0.684245	0.878482	-1.13833	0.0769419	0.5147184	-1.7416	0.2144312	0.60165	-1.66162	0.38672	-1.12015	1
cg21266049	CCND1	0.0560448	0.206982	0.476294	-2.09954	0.0026478	0.098475	-10.1549	0.0144545	0.186416	-5.36434	0.657685	0.804481	-1.24304	0.107387	0.375536	-2.66286	0.376956	0.603328	-1.65747	0.0764088	0.333329	-3.00004	0.37558	0.6024031	-1.66002	0.471994	0.665149	-1.50342	1.245	15.9543	4.37298	1
cg21763194	JSRP1	0.056045	0.0879691	0.613547	-1.63005	0.0316741	0.0800267	-12.4974	0.0881761	0.147473	-6.78025	0.0141462	0.4149412	-2.40929	0.0413392	0.2024116	-4.93872	0.2713306	0.2025	-4.93827	0.0291244	0.1613006	-6.9135	0.0292179	0.0767252	-13.1449	0.0989571	0.163049	-6.13314	1.245	13.6183	4.37298	1
cg03262918	BBX;BBX	0.056045	0.632647	0.959222	-1.04251	0.0854415	0.84843	-1.17865	0.453231	0.93608	-1.06829	0.00875957	0.749269	-1.33463	0.722861	1.03126	1.03126	0.0982185	1.16975	1.16975	0.0430174	1.22299	1.22299	0.670715	1.03766	1.03766	0.569962	0.951576	-1.05089	3.243	0.3838863	0.105215	1
cg19859327	SGEF	0.0560469	0.148925	0.823987	-1.21361	0.531048	1.0826	1.0826	0.188846	0.837191	-1.19447	0.0676965	0.774152	-1.29174	0.891891	1.11595	1.11595	0.951857	0.902477	-1.10758	0.2158287	0.8537945	-1.16679	0.0906291	0.6637213	-1.50665	0.0580256	0.907732	1.907732	3.24295	0.8618447	0.2320234	1
cg12952132	NCR1;NCR1;NCR1;NCR1;NCR1	0.0560476	0.0142747	0.346653	-2.88473	0.0223996	0.383221	-2.60946	0.0137219	0.350665	-2.85403	0.0070065	0.3759729	-2.65945	0.0099621	0.2615556	-3.82127	0.0173272	0.362015	-2.76232	0.0403744	0.47592	-2.10119	0.0527336	0.4620998	-2.16404	0.8340475	0.70631	-1.41566	1.07631	1.24294	6.31252	1.73026	1
cg16894746	ELK4;ELK4	0.0560477	0.136607	0.348318	-2.87094	0.310501	0.501522	-1.99393	0.2614846	0.462973	-2.15995	0.501291	0.638358	-1.56652	0.0455605	0.0834533	-11.9828	0.421294	0.582594	-1.71646	0.00909466	0.113085	-8.84289	0.0312642	0.189783	-5.26917	0.394457	0.563494	-1.77464	1.24293	2.2213	0.68858	1
cg12195135	PNPLA4	0.056478	0.18515	0.7	0.7	0.0363724	0.1925	-1.1925	0.1229129	0.572958	-1.74543	0.1229129	0.572958	-1.74543	0.0178202	0.3892	0.3892	0.1839256	0.8181814	1.1202	1.1202	0.1494979	0.8181814	1.1202	1.1202	0.6874388	1.1202	1.1202	0.7790808	1.1202	1.1202	1.1202	1.1202	1.1202	1
cg16192916	PSME4	0.056049	0.691517	0.948562	-1.05423	0.255653	0.17014	1.17014	0.162258	1.21843	1.21843	0.968828	0.9948839	-1.00519	0.2111039	1.19059	1.19059	0.651086	0.941499	-1.06214	0.0021587	0.565402	-1.76865	0.73567	0.956127	-1.04589	0.570276	1.07892	1.07892	3.24291	0.9004444	0.246814	1
cg16531924	MTA1	0.0560496	0.0183823	0.613925	-1.62886	0.803175	0.979021	-1.04393	0.263557	0.693745	-1.2199	0.0118654	1.6796	1.6796	0.274843	0.823856	-1.2138	0.861399	0.970636	-1.03051	0.5794484	0.8723119	1.39741	1.39741	0.535165	0.8984431	-1.11305	0.24989	1.24989	3.24382	0.4049461	1
cg25658983	SIAH1	0.0560515	?	?	?	0.163164	0.599063	-1.66927	0.445506	1.30698	1.30698	0.703241	1.14083	1.14083	0.170363	2.65309	2.65309	0.467859	2.28954	2.28954	0.274381	0.767035	-1.47921	0.113893	1.80775	1.80775	0.0042292	3.73821	3.73821	2.88295	4.14691	1.66829	1
cg12092932	NEK7	0.0560519	0.392827	1.40515	1.40515	0.0131829	0.276643	-3.61477	?	?	?	?	0.576829	1.24353	1.24353	0.0788785	2.18447	2.18447	0.642178	1.19807	1.19807	?	?	?	0.112958	0.503796	-1.98493	0.40624	6.06121	1.49212	1
cg09344090	KCNJ4;KCNJ4	0.0560539	0.53375	0.911582	-1.09715	0.154446	0.7436092	-1.34507	0.0800267	-12.4974	0.0881761	0.147473	0.3161361	-3.16306	0.0209157	0.2304247	-4.34055	0.2713306	0.2025	-4.93827	0.0291244	0.1613006	-6.9135	0.0292179	0.0767252	-13.1449	0.0989571	0.163049	-6.13314	1.245	13.6183	4.37298	1
cg13502034	SGIP1	0.0560521	0.0874221	0.397304	-2.51696	0.350567	0.160002	1.60002	0.200046	0.515713	-1.93906	0.0881388	0.3983012	-2.51066	0.49373	0.53321	1.53321	0.0969221	0.410113	-2.43836	?	?	?	0.0976522	0.23272	0.243727	0.0487402	1.00751	3.00751	1.28894	11.0801	3.3689	1
cg03847230	DBT	0.0560522	0.930208	1.01627	1.01627	0.0345564	0.635095	-1.57457	0.0122017	0.562573	-1.77755	0.338492	0.83382	-1.1993	0.0540846	1.49588	1.49588	0.315388	0.825953	-1.21072	0.405929	1.16954	1.16954	0.227483	0.7918864	-1.26284	0.3437731	1.19679	1.19679	2.42831	1.74256	0.47765	1
cg02915803	DK118;CDK118;CDK118	0.0560526	0.124304	0.605163	-1.65245	0.545208	1.20295	1.20295	0.992808	0.767621	-1.30238	0.177626	0.648966	-1.54091	0.0783194	0.554188	-1.80444	0.00194927	0.266538	-3.75181	0.460354	0.790045	-1.25463	0.44066	1.26782	1.26782	0.595804	0.850809	-1.17535	3.24283	4.67793	1.28226	1
cg07190535	PDE4D;PDE4D	0.0560526	0.4863372	1.13248	1.13248	0.2532272	1.04975	1.04975	0.8663173	1.03261	1.03261	0.760998	1.00739	1.00739	0.9454041	1.00545	1.00545	0.6820207	1.16019	1.16019	0.3293203	0.8703	1.16019	1.16019	0.8258545	0.9545357	1.12107	0.6511962	1.07079	1.07079	3.24253	1.6554	0.3194851	1
cg22164177	MAP1LC3B2	0.0560539	0.64994	1.10142	1.10142	0.0606119	0.639373	-1.56403	0.150265	0.721779	-1.38547	0.200315	0.751253	-1.33111	0.902361	1.02629	1.02629	0.261593	0.780738	-1.28084	0.0056733	2.15374	2.15374	0.294936	1.25816	1.25816	0.711767	0.924536	-1.08162	3.2428	2.29574	0.629289	1
cg08276752	O

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26919100	PARD6A;ACD;ACD;PARD6A;ACD	0.0561357	0.204427	0.400284	-2.49822	0.0634341	4.16617	4.16617	0.0170755	7.30002	7.30002	0.0445577	4.84047	4.84047	0.279402	0.463549	-2.15727
cg13723825	PTPRD;PTPRD	0.0561368	0.291555	1.32918	1.32918	0.0427736	1.83374	1.83374	0.0109354	2.2944	2.2944	0.103468	0.629368	-1.5889	0.161807	1.47468	1.47468
cg04858553	FOXK2	0.0561406	0.0788816	3.99319	3.99319	0.0973713	3.63574	3.63574	0.0774789	4.02509	4.02509	0.0223878	6.96954	6.96954	0.486287	1.65197	1.65197
cg21086153	CDC42BPB	0.0561415	0.420935	0.75619	-1.32242	0.500106	1.26195	1.26195	0.0298903	0.41959	-2.38328	0.104156	0.546689	-1.8292	0.362336	0.727425	-1.37471
cg23031939	GLB1L2	0.0561456	0.0197829	0.261295	-3.82709	0.00940074	0.207999	-4.80771	0.512093	0.728264	-1.37313	0.150939	0.47997	-2.08346	0.0135991	0.233169	-4.28874
cg19883017	PCMTD1	0.0561461	0.0254932	0.548267	-1.82393	0.0431099	1.69359	1.69359	0.998669	0.999622	-1.00038	0.125535	1.45549	1.45549	0.0447729	0.593613	-1.6846
cg02662654	COX10	0.0561462	0.0284578	0.303571	-3.29412	0.0653369	0.385273	-2.59556	0.18751	0.52519	-1.90407	0.0484226	0.353585	-2.82818	0.00728357	0.202765	-4.93182
cg20255176	FJX1	0.0561463	0.360744	0.863046	-1.15869	0.0228204	1.53272	1.53272	0.00824029	1.69849	1.69849	0.802042	0.961386	-1.04017	0.807631	1.03898	1.03898
cg10247358	CDCA4;CDCA4	0.0561464	0.500116	0.91582	-1.09192	0.73347	1.04489	1.04489	0.579287	1.0746	1.0746	0.558262	0.92676	-1.07903	0.121729	1.24051	1.24051
cg15044146	ACACA;ACACA;ACACA;ACACA;ACACA	0.0561468	0.044377	1.55568	1.55568	0.369232	0.838213	-1.19301	0.496778	0.876303	-1.14116	0.36851	1.19335	1.19335	0.0243668	1.67106	1.67106
cg02117996	MID1IP1;MID1IP1	0.0561473	0.0231327	0.0433527	-23.0666	0.88082	1.18932	1.18932	0.919201	1.12441	1.12441	0.94237	0.919842	-1.08714	0.415013	0.381792	-2.61923
cg27335544	PSD2	0.0561482	0.298564	0.642035	-1.55755	0.00154283	0.153642	-6.50862	0.220266	0.588587	-1.69898	0.699665	0.852642	-1.17283	0.12671	0.506942	-1.97261
cg04686204	MGC23284;MGC23284	0.0561484	0.0521149	0.781984	-1.2788	0.574408	0.938796	-1.06519	0.128017	0.832646	-1.20099	0.852823	1.02089	1.02089	0.206371	0.862125	-1.15993
cg11633204	GSR	0.0561497	0.372854	1.23743	1.23743	0.582286	0.878654	-1.1381	0.165446	0.708578	-1.41128	0.140346	0.691154	-1.44686	0.0182061	0.51294	-1.94955
cg11599864	BTBD9;BTBD9;BTBD9	0.0561497	0.194672	2.00603	2.00603	0.095674	2.53131	2.53131	0.992285	0.995106	-1.00492	0.942113	1.03754	1.03754	0.0612375	0.342919	-2.91614
cg15171839	NR2F1	0.0561502	0.0345511	0.209419	-4.77512	0.66569	0.75901	-1.31751	0.372825	1.78665	1.78665	0.15683	0.382686	-2.61311	0.0443192	0.231023	-4.32857
cg05983323	SC4MOL;SC4MOL	0.0561522	0.558645	0.94379	-1.05956	0.698687	1.03878	1.03878	0.00322461	1.48156	1.48156	0.298036	0.899861	-1.11128	0.116889	1.1813	1.1813
cg24697329	ARHGEF4;ARHGEF4;ARHGEF4;ARHGEF4	0.0561525	0.942298	1.01856	1.01856	0.367165	1.26534	1.26534	0.0489788	1.77014	1.77014	0.629817	0.883931	-1.13131	0.00816566	0.423159	-2.36318
cg16409368	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.056154	0.0270992	0.473066	-2.11387	0.965595	0.987736	-1.01242	0.0875614	0.583012	-1.71523	0.0499251	0.52745	-1.89591	0.0114249	0.40429	-2.47347
cg10154310	SSBP1;FLJ40852	0.0561605	0.273423	1.37479	1.37479	0.165011	1.51229	1.51229	0.00953595	2.50155	2.50155	0.028905	2.05321	2.05321	0.451763	1.23875	1.23875
cg09728637	TYMS;C18orf56	0.0561627	0.291762	0.756345	-1.32215	0.229738	0.724907	-1.37949	0.214574	0.71638	-1.39591	0.485804	0.834602	-1.19818	0.853418	0.953882	-1.04835
cg12286963	ARAP1;ARAP1;ARAP1	0.0561642	0.0318553	0.283147	-3.53173	0.3513	0.61804	-1.61802	0.801714	0.881414	-1.13454	0.00820917	0.18334	-5.45436	0.390236	0.642979	-1.55526
cg06182018	LIFR;LIFR	0.0561652	0.0111704	0.111923	-8.93472	0.0821675	0.265495	-3.76654	0.0912943	0.277853	-3.59902	0.622903	0.710834	-1.4068	0.00385302	0.0684477	-14.6097
cg22718071	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.0561656	0.0042775	0.580532	-1.72256	0.879205	0.978592	-1.02188	0.143846	0.799752	-1.25039	0.464834	0.89956	-1.11166	0.0775096	0.756375	-1.3221
cg16020436	ZC3H11A	0.0561694	0.0301703	0.287176	-3.48218	0.347587	0.622924	-1.60533	0.0588817	0.351979	-2.84108	0.439098	0.679619	-1.47141	0.0065501	0.177528	-5.63293
cg14772458	SH3RF3	0.0561698	0.159845	0.77836	-1.28475	0.288904	0.832212	-1.20162	0.981385	0.996115	-1.0039	0.849871	1.03212	1.03212	0.522747	0.897567	-1.11412
cg22836066	LOC645961	0.0561701	0.732356	0.947853	-1.05502	0.225414	0.819859	-1.21972	0.0108433	0.607053	-1.6473	0.00670585	0.577776	-1.73077	0.0677747	0.726734	-1.37602
cg19285799	UST	0.0561708	0.0106249	0.424926	-2.35335	0.39642	0.793466	-1.26029	0.902237	0.967793	-1.03328	0.585722	1.15791	1.15791	0.012043	0.434225	-2.30295
cg06995299	GALNT9	0.0561732	0.959526	1.02171	1.02171	0.024422	3.11137	3.11137	0.409194	1.42945	1.42945	0.755568	0.876181	-1.14132	0.523824	0.760748	-1.3145
cg09737407	C6orf15	0.0561734	0.106397	0.627069	-1.59472	0.410568	1.2495	1.2495	0.0391746	0.531673	-1.88085	0.64012	0.882815	-1.13274	0.0112912	0.431747	-2.31617
cg14558153	KRT81	0.0561741	0.0889891	0.681914	-1.46646	0.279345	0.794888	-1.25804	0.0134883	0.535681	-1.86678	0.36103	1.21124	1.21124	0.0444023	0.624233	-1.60197
cg10121865	TRAPPC9;TRAPPC9	0.0561742	0.37495	1.27029	1.27029	0.433315	1.23375	1.23375	0.957154	0.985984	-1.01422	0.766099	1.08153	1.08153	0.00588575	0.387972	-2.5775
cg10653163	CORO1C	0.056176	0.0300888	1.42854	1.42854	0.145845	0.803878	-1.24397	0.104164	0.780059	-1.28195	0.050416	1.36584	1.36584	0.106693	1.27924	1.27924
cg07466585	ACTR1A;SUFU	0.0561768	0.0440104	0.689944	-1.44939	0.0065257	1.76267	1.76267	0.175491	1.25991	1.25991	0.0380186	1.47069	1.47069	0.330733	1.17463	1.17463
cg08880423	NCRNA00173;NCRNA00173	0.0561774	0.443192	0.808095	-1.23748	0.00950322	2.44836	2.44836	0.380948	0.782767	-1.27752	0.0237925	0.479365	-2.08609	0.225379	0.706799	-1.41483
cg22601877	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.0561776	0.0301918	1.44009	1.44009	0.0828082	1.31635	1.31635	0.124822	1.26839	1.26839	0.168327	0.810535	-1.23375	0.0863855	1.31136	1.31136
cg26325174	MEG8	0.0561795	0.181031	0.748144	-1.33664	0.786377	0.946008	-1.05707	0.0609008	0.649446	-1.53977	0.346654	1.21897	1.21897	0.0183911	0.557415	-1.794
cg18664915	C7orf50;C7orf50;C7orf50	0.0561826	0.0808374	0.349578	-2.8606	0.411647	0.633977	-1.57735	0.126591	2.45261	2.45261	0.164703	0.447207	-2.2361	0.0125513	0.18535	-5.3952
cg13082192	IRS4	0.0561851	0.099712	0.378233	-2.64388	0.398686	1.59303	1.59303	0.398893	1.59269	1.59269	0.0449035	3.45709	3.45709	0.441876	1.5259	1.5259
cg17307811	UBE2S	0.0561853	0.0655369	0.752468	-1.32896	0.299268	1.15954	1.15954	0.32047	0.868274	-1.15171	0.0627254	0.749649	-1.33396	0.0052383	0.602451	-1.65989
cg00692933	TMCO7	0.0561854	0.36028	0.787996	-1.26904	0.90997	0.971751	-1.02907	0.851494	0.953632	-1.04862	0.367533	0.790973	-1.26427	0.683768	0.901454	-1.10932
cg13996392	NEIL3	0.0561856	0.751644	0.935397	-1.06906	0.36674	0.822796	-1.21537	0.238517	1.29652	1.29652	0.342998	0.814244	-1.22813	0.466135	0.855556	-1.16883
cg27122888	NRXN2;NRXN2;NRXN2	0.056188	0.326904	1.49757	1.49757	0.0014084	6.32672	6.32672	0.0650856	2.28516	2.28516	0.960267	1.02008	1.02008	0.926146	1.03769	1.03769
cg07277864	SRCIN1	0.0561896	0.0916388	3.05782	3.05782	0.0155239	5.96697	5.96697	0.0498121	3.84363	3.84363	0.157474	2.48348	2.48348	0.0837679	3.16329	3.16329
cg11781421	HAPLN4	0.0561905	0.0404087	0.198168	-5.04622	0.258801	0.446836	-2.23796	0.349447	0.517594	-1.93202	0.289642	0.471664	-2.12015	0.0184732	0.141725	-7.05593
cg24875840	SLC30A9	0.0561923	0.368941	1.16667	1.16667	0.00874566	0.572379	-1.74709	0.0710483	1.40056	1.40056	0.535452	0.900473	-1.11053	0.679163	1.07195	1.07195
cg04561731	SSBP3;SSBP3;SSBP3	0.0561927	0.0273481	0.274802	-3.63898	0.882487	0.929429	-1.07593	0.876823	1.07977	1.07977	0.0387702	0.306037	-3.26758	0.0255971	0.269225	-3.71437
cg09217748	BCL6	0.0561929	0.408266	0.736934	-1.35697	0.207156	0.618731	-1.61621	0.22854	1.57789	1.57789	0.00326114	0.23515	-4.25261	0.28592	1.49177	1.49177
cg10597359	MPRIP;MPRIP	0.0561965	0.413492	0.741166	-1.34923	0.057305	2.16072	2.16072	0.0395469	2.34661	2.34661	0.609633	1.20262	1.20262	0.0116864	0.323393	-3.09222
cg04387396	SGPL1	0.0562036	0.0803987	0.388878	-2.5715	0.478953	0.704316	-1.41982	0.119828	0.439604	-2.27477	0.101833	0.418045	-2.39208	0.0179659	0.24653	-4.0563
cg11845417	C11orf52;C11orf52	0.0562043	0.0702532	0.359594	-2.78092	0.722653	1.19735	1.19735	0.178888	2.05801	2.05801	0.139072	2.23605	2.23605	0.0304572	0.276522	-3.61635
cg11837690	WNT4	0.0562051	0.215567	0.788188	-1.26873	0.488679	0.879457	-1.13707	0.719295	1.06813	1.06813	0.570582	0.90062	-1.11035	0.345756	0.837514	-1.19401
cg00025823	CRHR1;CRHR1;CRHR1;CRHR1	0.0562064	0.585611	0.774326	-1.29145	0.115273	0.451365	-2.2155	0.454861	0.70213	-1.42424	0.294326	0.603325	-1.65748	0.00379067	0.162938	-6.13732
cg24249075	PDCD10;PDCD10;PDCD10;PDCD10;SERPINI1;SERPINI1	0.0562125	0.0523872	1.35483	1.35483	0.290579	0.85987	-1.16297	0.821293	0.969337	-1.03163	0.101283	1.28016	1.28016	0.0230418	1.45376	1.45376
cg00425827	ACSL6;ACSL6	0.0562133	0.118809	2.21558	2.21558	0.676907	1.21762	1.21762	0.0128423	4.271	4.271	0.0334955	3.21291	3.21291	0.0896534	2.40889	2.40889
cg04935522	LRP8;LRP8;LRP8;LRP8	0.0562143	0.476563	1.13301	1.13301	0.228011	1.24397	1.24397	0.709842	0.937553	-1.06661	0.505252	0.889908	-1.12371	0.589902	0.910394	-1.09843
cg08550839	FXYD1;FXYD7;FXYD1	0.0562149	0.0569517	0.612714	-1.63208	0.209673	1.35073	1.35073	0.106621	0.6699	-1.49276	0.972907	0.992307	-1.00775	0.158532	0.709822	-1.4088
cg21690725	C1orf57	0.0562156	0.201943	1.1438	1.1438	0.00961473	1.38662	1.38662	0.031663	1.28557	1.28557	0.181432	1.15196	1.15196	0.111473	1.18872	1.18872
cg17518842	TRAF3IP3	0.0562205	0.138996	0.287384	-3.47967	0.13304	0.281113	-3.55729	0.0524883	0.177916	-5.62063	0.145165	0.293764	-3.40409	0.0248165	0.123466	-8.09937
cg15309006	CHP2;CHP2	0.0562213	0.388154	2.26441	2.26441	0.440447	2.06884	2.06884	0.587586	1.65866	1.65866	0.580167	0.596731	-1.6758	0.268239	0.344512	-2.90266
cg11904266	C8orf73	0.0562215	0.369395	0.579068	-1.72691	0.0066489	0.124023	-8.06305	0.402565	0.601884	-1.66145	0.991084	1.00664	1.00664	0.15761	0.40839	-2.44864
cg01607897	KLF10;KLF10	0.0562239	0.528719	1.06779	1.06779	0.191998	1.15252	1.15252	0.118056	1.19056	1.19056	0.934673	1.00846	1.00846	0.935177	1.0084	1.0084
cg00985205	RUFY3	0.0562246	0.370625	0.897393	-1.11434	0.0307464	0.741704	-1.34825	0.149456	0.833596	-1.19962	0.882468	1.01757	1.01757	0.00945755	0.678912	-1.47294
cg23214249	UPF2;UPF2	0.0562259	0.126989	2.61308	2.61308	0.0113346	6.32908	6.32908	0.0249787	4.72233	4.72233	0.681721	1.27122	1.27122	0.864296	1.10467	1.10467
cg22226656	KIF26B	0.056227	0.0943362	0.239375	-4.17755	0.234378	2.6355	2.6355	0.0961003	4.13983	4.13983	0.176571	0.327318	-3.05514	0.0188412	0.109501	-9.13232
cg18894781	FRMD6	0.0562285	0.181591	0.776652	-1.28758	0.00346967	2.02822	2.02822	0.465395	1.14159	1.14159	0.892933	0.976283	-1.02429	0.0327957	0.640754	-1.56066
cg23254302	PLIN5	0.0562287	0.214451	0.33398	-2.99419	0.804777	1.23097	1.23097	0.775112	0.786347	-1.2717	0.345294	0.442363	-2.26059	0.0219615	0.0996431	-10.0358
cg15024035	COX6A1	0.0562301	0.377334	1.1301	1.1301	0.111185	0.791131	-1.26401	0.0609937	0.751934	-1.3299	0.663667	0.942635	-1.06086	0.349329	0.878024	-1.13892
cg02470440	PTPRN2;PTPRN2;PTPRN2	0.0562302	0.188863	1.51411	1.51411	0.00147668	0.254843	-3.92398	0.736137	0.904127	-1.10604	0.525511	0.825545	-1.21132	0.6487	1.14646	1.14646
cg04280246	TNFAIP8	0.0562333	0.220098	0.834464	-1.19837	0.192507	1.2136	1.2136	0.00483041	1.6899	1.6899	0.576845	0.923929	-1.08233	0.0527295	0.734132	-1.36215
cg22762439	BTF3;BTF3	0.0562335	0.494322	1.18348	1.18348	0.012434	0.469981	-2.12774	0.416377	1.22338	1.22338	0.134858	1.47885	1.47885	0.880107	0.964027	-1.03732
cg06927343	SLC25A33	0.0562337	0.763464	1.0593	1.0593	0.177082	0.760461	-1.31499	0.88828	0.973529	-1.02719	0.0454909	0.64546	-1.54928	0.147573	1.34523	1.34523
cg06251395	ADAM33;ADAM33	0.056234	0.0400229	4.1396	4.1396	0.0470917	3.8967	3.8967	0.0660904	3.43517	3.43517	0.327966	1.83017	1.83017	0.0398247	4.14725	4.14725
cg09807536	PRELP;PRELP	0.056236	0.520934	1.31529	1.31529	0.343868	1.50786	1.50786	0.197114	0.563081	-1.77594	0.552548	1.28799	1.28799	0.00234153	0.16712	-5.98371
cg13829680	VAV2;VAV2	0.0562363	0.0185636	0.151	-6.62252	0.450661	1.66366	1.66366	0.471171	0.615422	-1.6249	0.178158	0.387704	-2.57928	0.0133642	0.131416	-7.60941
cg27368709	GPR56;GPR56;GPR56;GPR56;GPR56;GPR56;GPR56	0.0562371	0.634648	0.882105	-1.13365	0.0455508	0.548344	-1.82367	0.0935474	0.616738	-1.62143	0.11414	1.56886	1.56886	0.0334473	0.521434	-1.91779
cg18540794	THSD4	0.0562371	0.516913	0.808708	-1.23654	0.755882	0.904147	-1.10601	0.941084	0.976401	-1.02417	0.62696	0.853638	-1.17146	0.00273516	0.262821	-3.80488
cg15951661	MAP3K9	0.0562371	0.559011	1.7603	1.7603	0.00729647	27.4174	27.4174	0.0573396	7.82691	7.82691	0.7784	0.763388	-1.30995	0.873727	1.1644	1.1644
cg11909587	SNX9	0.0562382	0.0877503	1.49831	1.49831	0.857943	0.962289	-1.03919	0.200782	1.33631	1.33631	0.142406	1.40259	1.40259	0.887545	1.03082	1.03082
cg22614355	HTR6	0.0562392	0.0801785	1.35983	1.35983	0.052663	1.41737	1.41737	0.0352049	1.47466	1.47466	0.140291	1.28559	1.28559	0.0298755	1.49875	1.49875
cg27034150	SULT1A1	0.0562393	0.0260743	8.24072	8.24072	0.0313901	7.51162	7.51162	0.0429828	6.42533	6.42533	0.280652	2.44908	2.44908	0.771968	0.792866	-1.26125
cg19493323	NCAPD3	0.0562393	0.0176927	0.751848	-1.33006	0.191088	1.14666	1.14666	0.40592	1.08769	1.08769	0.56811	0.944556	-1.0587	?	?	?
cg15326795	HIST1H2BG;HIST1H2AE	0.0562394	0.389105	0.852362	-1.17321	0.260933	1.2364	1.2364	0.0694452	1.4442	1.4442	0.280555	1.22508	1.22508	0.449894	1.14953	1.14953
cg17012079	C1orf31	0.0562412	0.0807687	0.666764	-1.49978	0.550299	1.13484	1.13484	0.0738314	1.5175	1.5175	0.00855162	0.495508	-2.01813	0.930132	0.981813	-1.01852
cg24762437	ZZZ3	0.0562421	0.903872	0.988295	-1.01184	0.190743	1.14456	1.14456	0.0243885	1.29876	1.29876	0.193846	0.874615	-1.14336	0.40948	0.921082	-1.08568
cg26241806	APBB1IP	0.0562453	0.0329266	9.3038	9.3038	0.0264063	10.524	10.524	0.135212	4.21934	4.21934	0.591039	0.61572	-1.62412	0.49658	1.85366	1.85366
cg23618218	CSRNP2	0.0562456	0.139357	0.487348	-2.05192	0.327638	1.57863	1.57863	0.0229884	3.41701	3.41701	0.630379	1.24491	1.24491	0.0241163	0.296661	-3.37085
cg19384325	CDR1;CDR1	0.056246	0.98708	1.00363	1.00363	0.0238228	0.547293	-1.82718	0.0864498	0.654905	-1.52694	0.193371	0.735214	-1.36015	0.0147815	0.511523	-1.95495
cg21108085	CD82;CD82	0.0562462	0.840407	1.09132	1.09132	0.775835	0.883611	-1.13172	0.0985327	0.45602	-2.19289	0.805624	0.898652	-1.11278	0.429735	1.41816	1.41816
cg17189465	ROBO2	0.0562462	0.339589	0.816015	-1.22547	0.429741	1.18117	1.18117	0.0486817	1.59222	1.59222	0.831688	1.04495	1.04495	0.78591	0.94531	-1.05785
cg01853981	KRT71	0.056247	0.28752	0.785633	-1.27286	0.0812116	0.655512	-1.52553	0.0554884	0.622394	-1.6067	0.101637	0.67602	-1.47925	0.0844655	0.659045	-1.51735
cg14253517	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGA12;PCDHGB3;PCDHGB7;PCDH	0.0562477	0.0386805	4.60087	4.60087	0.0121188	7.34008	7.34008	0.690749	1.29032	1.29032	0.237525	2.20057	2.20057	0.746199	1.22998	1.22998
cg12870750	CHD3;CHD3;CHD3	0.0562487	0.0159324	0.424804	-2.35403	0.691985	1.12243	1.12243	0.797778	0.928234	-1.07732	0.441125	1.25588	1.25588	0.0699172	0.555544	-1.80004
cg11516594	LPIN2	0.0562522	0.114449	1.32342	1.32342	0.133736	0.767995	-1.30209	0.891817	1.02246	1.02246	0.282609	0.833412	-1.19989	0.0821706	0.730293	-1.36931
cg02466926	C10orf137	0.056254	0.43441	0.873899	-1.1443	0.926484	0.984524	-1.01572	0.611915	0.917167	-1.09031	0.016209	1.64375	1.64375	0.994633	0.998864	-1.00114
cg25345102	BPIL3	0.0562551	0.659994	1.07827	1.07827	0.0473122	1.47153	1.47153	0.310331	1.19566	1.19566	0.72613	0.941894	-1.06169	0.89841	1.02198	1.02198
cg16122796	COL16A1	0.0562552	0.540594	0.751339	-1.33096	0.0123252	0.237339	-4.21339	0.044016	0.343682	-2.90966	0.301368	0.610066	-1.63917	0.00607864	0.191433	-5.22375
cg05791054	ZBTB47	0.0562565	0.019069	0.473467	-2.11208	0.0173522	0.466059	-2.14565	0.302144	0.754524	-1.32534	0.294468	0.75088	-1.33177	0.0116626	0.435796	-2.29465
cg27492874	HSD11B1L;C19orf70;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.056257	?	?	?	0.534425	0.742643	-1.34654	0.39713	0.663633	-1.50686	0.949101	0.970262	-1.03065	0.000993005	0.0989379	-10.1074
cg20362308	FAM18B2	0.056258	0.153215	0.659625	-1.51601	0.719755	1.10298	1.10298	0.0116305	0.424004	-2.35847	0.114769	0.627143	-1.59453	0.00486225	0.362136	-2.76139
cg16927664	ZNF286B;FOXO3B	0.0562593	0.207364	1.2789	1.2789	0.0747068	0.69259	-1.44386	0.027934	0.618432	-1.61699	0.165653	0.760666	-1.31464	0.280356	1.23075	1.23075
cg06835425	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0562667	0.0597785	0.663598	-1.50694	0.0540981	0.655697	-1.52509	0.0395886	1.58327	1.58327	0.96817	0.992326	-1.00773	0.166047	0.751904	-1.32996
cg05540047	CCNG1;CCNG1	0.0562691	0.161618	1.69099	1.69099	0.0192695	2.70455	2.70455	0.0697382	2.03975	2.03975	0.0522236	2.17284	2.17284	0.296468	0.683549	-1.46295
cg26606682	NCKAP5;NCKAP5	0.0562701	0.97101	1.00771	1.00771	0.0250547	1.75695	1.75695	0.344728	0.814019	-1.22847	0.236623	1.29976	1.29976	0.172106	1.35977	1.35977
cg22156456	EIF1	0.0562711	0.031962	0.334492	-2.98961	0.0561093	0.389565	-2.56696	0.134051	0.494559	-2.022	0.393591	0.68332	-1.46344	0.0247774	0.312071	-3.2044
cg18332849	BLOC1S3;BLOC1S3;TRAPPC6A	0.0562762	0.00247824	0.100155	-9.98456	0.966776	1.02305	1.02305	0.242221	1.95331	1.95331	0.330384	0.577288	-1.73224	0.608052	0.753547	-1.32706
cg03631078	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0562768	0.105583	0.597471	-1.67372	0.741922	1.10105	1.10105	0.120787	0.612535	-1.63256	0.4907	0.815515	-1.22622	0.0057664	0.348573	-2.86884
cg17616537	HOXB3	0.0562789	0.040068	7.69186	7.69186	0.0178811	11.8817	11.8817	0.0433436	7.37566	7.37566	0.169802	3.51637	3.51637	0.577049	0.616023	-1.62332
cg04688450	HLA-DRB6	0.0562801	0.709333	0.858845	-1.16436	0.0858567	2.16287	2.16287	0.558419	0.786232	-1.27189	0.004041	4.80246	4.80246	0.701321	1.16954	1.16954
cg03212129	PDCD2L	0.0562817	0.411795	0.609896	-1.63962	0.618925	1.3417	1.3417	0.619627	1.34089	1.34089	0.0162617	0.156545	-6.38794	0.0310761	0.20779	-4.81254
cg12001078	DAPP1	0.0562819	0.0312881	0.149056	-6.7089	0.51165	0.605643	-1.65114	0.22817	0.385613	-2.59327	0.0905582	0.245396	-4.07504	0.0538414	0.192202	-5.20285
cg05995465	HDAC4	0.0562841	0.913801	1.05412	1.05412	0.101713	2.39191	2.39191	0.163885	2.06085	2.06085	0.267661	1.75429	1.75429	0.646959	0.798946	-1.25165
cg27525876	ZNF778	0.056285	0.0971079	1.44487	1.44487	0.0152809	1.82571	1.82571	0.314455	1.23399	1.23399	0.0495744	1.57273	1.57273	0.529261	1.13749	1.13749
cg05547562	GP9	0.0562856	0.604071	1.23136	1.23136	0.289224	0.645545	-1.54908	0.0193668	0.324668	-3.08007	0.587108	0.80402	-1.24375	0.00788793	0.257719	-3.88019
cg19534723	ZNF682;ZNF682	0.0562858	0.144952	0.281821	-3.54836	0.480434	0.559734	-1.78656	0.0918008	0.222737	-4.48959	0.558905	0.619907	-1.61314	0.0417732	0.149782	-6.67635
cg26153885	KCNE2	0.0562861	0.0423394	0.381022	-2.62452	0.974802	0.987051	-1.01312	0.0370828	0.368285	-2.71529	0.180659	0.556233	-1.79781	0.00480526	0.213521	-4.68339
cg24979093	DSCR10	0.0562872	0.0833312	0.335736	-2.97853	0.99522	1.00342	1.00342	0.167144	0.432372	-2.31282	0.0208578	0.205301	-4.8709	0.124396	0.387804	-2.57862
cg09013585	CCDC93	0.0562902	0.0244718	0.72467	-1.37994	0.0828914	0.793959	-1.25951	0.0283749	1.36465	1.36465	0.974469	1.00385	1.00385	0.401984	0.902073	-1.10856
cg15625671	PPP1R13L;PPP1R13L	0.0562913	0.493513	0.748182	-1.33657	0.215091	1.7236	1.7236	0.216606	1.72019	1.72019	0.95479	0.976625	-1.02393	0.0298424	0.344249	-2.90488
cg02933354	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1;VEPH1	0.0562915	0.738326	1.09608	1.09608	0.860648	1.04926	1.04926	0.0702097	0.574742	-1.73991	0.0690304	0.573084	-1.74495	0.00436928	0.352836	-2.83418
cg01521449	PCNT	0.056292	0.986446	1.00408	1.00408	0.68756	1.10175	1.10175	0.422169	0.821589	-1.21715	0.646842	1.11691	1.11691	0.0162692	0.494473	-2.02236
cg09671481	PKP3;PKP3	0.0562929	0.14119	1.63421	1.63421	0.123045	1.67962	1.67962	0.246908	0.686737	-1.45616	0.604161	1.17625	1.17625	0.0450906	2.04143	2.04143
cg24837254	BCL2L1;BCL2L1	0.056294	0.525112	0.890184	-1.12336	0.284849	0.818178	-1.22223	0.0269774	1.60501	1.60501	0.732747	0.939961	-1.06387	0.165491	0.76552	-1.3063
cg23053407	RNPC3	0.0562941	0.627774	1.03395	1.03395	0.415098	1.05858	1.05858	0.0160069	1.22325	1.22325	0.198782	1.09724	1.09724	0.702955	1.02653	1.02653
cg14343381	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0562941	0.258935	0.785931	-1.27238	0.0579531	0.64509	-1.55017	0.163805	0.737939	-1.35513	0.0376793	0.610756	-1.63731	0.0589879	0.646543	-1.54669
cg15628562	CPN2	0.0562946	0.0255999	0.677613	-1.47577	0.325723	0.861645	-1.16057	0.00673358	0.597142	-1.67464	0.124263	0.783291	-1.27667	0.0213259	0.66629	-1.50085
cg18605858	USP49	0.0562957	0.637332	0.914953	-1.09295	0.894281	1.0252	1.0252	0.0673943	1.46758	1.46758	0.0111895	0.551547	-1.81308	0.80516	0.954793	-1.04735

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26919100	0.715775	1.28404	1.28404	0.052321	4.52144	4.52144	0.415122	0.56581	-1.76738	0.346937	1.93897	1.93897	3.24097	23.9932	6.58053	1
cg13723825	0.955455	1.01463	1.01463	0.115649	0.641024	-1.56	0.543435	0.852213	-1.17342	0.59155	1.15124	1.15124	3.24094	3.4703	0.951794	1
cg04858553	0.0400032	5.38834	5.38834	0.28694	0.456304	-2.19152	0.0158177	8.14751	8.14751	0.130733	3.18345	3.18345	3.24086	25.8432	7.08818	1
cg21086153	0.531942	0.806383	-1.24011	0.047515	0.462799	-2.16076	0.0240149	2.49691	2.49691	0.101436	0.543589	-1.83963	3.24084	5.93007	1.62649	1
cg23031939	0.0502012	0.344831	-2.89997	0.0981594	0.421002	-2.37528	0.306489	0.603566	-1.65682	0.147127	0.476188	-2.10001	3.24075	11.6731	3.20175	1
cg19883017	0.472989	0.847686	-1.17968	0.571958	0.878712	-1.13803	0.082274	0.646747	-1.5462	0.579199	1.13521	1.13521	3.24074	2.63069	0.721561	1
cg02662654	0.070147	0.393213	-2.54315	0.223871	0.554812	-1.80241	0.937071	0.96425	-1.03708	0.0327364	0.316056	-3.164	3.24073	10.9098	2.9924	1
cg20255176	0.413643	0.877208	-1.13998	0.359299	0.862642	-1.15923	0.910351	0.982498	-1.01781	0.0521527	1.41378	1.41378	3.24073	1.26129	0.345956	1
cg10247358	0.258025	1.16373	1.16373	0.925541	0.988063	-1.01208	0.00133518	1.82061	1.82061	0.314366	1.14302	1.14302	3.24073	0.847146	0.232361	1
cg15044146	0.234025	1.26967	1.26967	0.00995331	1.86446	1.86446	0.93212	0.983828	-1.01644	0.0661497	1.48356	1.48356	3.24072	1.8798	0.515606	1
cg02117996	0.00164639	0.00547439	-182.669	0.274344	0.268616	-3.72278	0.584465	0.528227	-1.89312	0.465598	0.423939	-2.35883	3.24071	68.5496	18.8024	1
cg27335544	0.455041	0.731309	-1.36741	0.0450293	0.38833	-2.57513	0.206113	0.577837	-1.73059	0.09372	0.468595	-2.13404	3.24069	8.68034	2.38093	1
cg04686204	0.00258989	0.628323	-1.59154	0.141296	0.838548	-1.19254	0.59945	1.06076	1.06076	0.515759	1.07611	1.07611	3.24068	0.635912	0.174425	1
cg11633204	0.535766	1.15723	1.15723	0.0146024	0.496423	-2.01441	0.633896	0.894288	-1.11821	0.0195688	0.518429	-1.9289	3.24065	2.78321	0.763414	1
cg11599864	0.977163	0.985579	-1.01463	0.0284037	0.269084	-3.71632	0.0203572	4.13258	4.13258	0.404255	1.54198	1.54198	3.24065	13.2161	3.62509	1
cg15171839	0.133848	0.358596	-2.78866	0.00815637	0.116739	-8.56613	0.0333773	0.206579	-4.84077	0.613491	0.723921	-1.38137	3.24064	20.6508	5.66439	1
cg05983323	0.471261	1.07431	1.07431	0.408816	1.08614	1.08614	0.105868	0.841334	-1.18859	0.302003	1.11026	1.11026	3.2406	0.491028	0.134688	1
cg24697329	0.576328	0.866401	-1.1542	0.0937254	1.59719	1.59719	0.20005	1.41043	1.41043	0.166926	1.45403	1.45403	3.24059	3.31232	0.908563	1
cg16409368	0.0742381	0.566037	-1.76667	0.0275923	0.474596	-2.10706	0.997196	1.00101	1.00101	0.093633	0.590081	-1.69468	3.24056	4.20075	1.15227	1
cg10154310	0.0370704	0.508599	-1.96618	0.976129	1.00839	1.00839	0.886192	1.0408	1.0408	0.419979	1.25873	1.25873	3.24041	4.00261	1.09797	1
cg09728637	0.2912	0.75608	-1.32261	0.735643	0.917127	-1.09036	0.433543	0.815454	-1.22631	0.000817049	0.27583	-3.62542	3.24036	3.34456	0.917472	1
cg12286963	0.0958392	0.399493	-2.50317	0.01065	0.199727	-5.00685	0.0547682	0.335272	-2.98265	0.162693	0.473498	-2.11194	3.24033	12.914	3.54256	1
cg06182018	0.7853	0.828579	-1.20688	0.220491	0.411863	-2.42799	0.244771	0.432617	-2.31151	0.918371	0.931839	-1.07315	3.24031	24.3368	6.67612	1
cg22718071	0.466227	0.899867	-1.11128	0.0164109	0.658808	-1.51789	0.947656	0.990701	-1.00939	0.376156	1.13796	1.13796	3.2403	1.03908	0.285044	1
cg16020436	0.0549484	0.344657	-2.90144	0.103397	0.418207	-2.39116	0.658936	1.24284	1.24284	0.0446087	0.323499	-3.0912	3.24021	12.2923	3.37215	1
cg14772458	0.597436	1.09298	1.09298	0.00716648	1.78467	1.78467	0.018493	0.620867	-1.61065	0.429704	0.874164	-1.14395	3.24021	1.42837	0.391847	1
cg22836066	0.911708	0.982844	-1.01746	0.438822	1.1311	1.1311	0.649439	1.074	1.074	0.977052	1.0045	1.0045	3.2402	1.24902	0.342645	1
cg19285799	0.446687	0.813328	-1.22952	0.347489	0.772831	-1.29394	0.0699521	1.71566	1.71566	0.357587	0.777214	-1.28665	3.24018	3.64185	0.999081	1
cg06995299	0.191695	0.557081	-1.79507	0.00436562	0.19954	-5.01152	0.963075	0.980595	-1.01979	0.525159	0.761434	-1.31331	3.24013	9.19438	2.52236	1
cg09737407	0.022846	0.486318	-2.05627	0.0329062	0.51662	-1.93566	0.207237	0.703247	-1.42197	0.705283	0.904319	-1.1058	3.24012	3.59543	0.986364	1
cg14558153	0.369398	1.20702	1.20702	0.0736173	1.50241	1.50241	0.26417	0.788558	-1.26814	0.636533	0.907415	-1.10203	3.24011	2.13774	0.586467	1
cg10121865	0.0348484	1.90815	1.90815	0.756647	1.08509	1.08509	0.0717675	1.6958	1.6958	0.375643	1.26982	1.26982	3.24011	3.54194	0.971693	1
cg10653163	0.184321	1.2176	1.2176	0.830511	0.970476	-1.03042	0.773693	0.960493	-1.04113	0.0594279	1.34647	1.34647	3.24007	1.00308	0.275187	1
cg07466585	0.687208	1.06707	1.06707	0.851379	1.03054	1.03054	0.979161	0.99582	-1.0042	0.34141	1.17025	1.17025	3.24005	1.31977	0.36207	1
cg08880423	0.858676	0.952586	-1.04977	0.270223	0.731338	-1.36736	0.134678	0.644324	-1.55201	0.413292	1.25602	1.25602	3.24003	3.81149	1.04566	1
cg22601877	0.448498	1.11686	1.11686	0.00828802	1.62091	1.62091	0.686121	0.943524	-1.05986	0.416471	1.12618	1.12618	3.24003	1.05064	0.288238	1
cg26325174	0.631263	0.905921	-1.10385	0.0861717	1.47312	1.47312	0.13525	1.38954	1.38954	0.081197	0.673685	-1.48437	3.23999	2.1422	0.587712	1
cg18664915	0.98335	0.988735	-1.01139	0.0103823	0.173377	-5.76778	0.368413	0.605592	-1.65128	0.371847	0.607884	-1.64505	3.23992	15.1236	4.14924	1
cg13082192	0.0277627	0.24616	-4.0624	0.325031	0.578298	-1.72921	0.0311276	3.90893	3.90893	0.994503	1.00372	1.00372	3.23986	14.9012	4.08829	1
cg17307811	0.446241	1.11274	1.11274	0.786319	0.963302	-1.0381	0.0566282	0.743121	-1.34568	0.863106	0.976534	-1.02403	3.23986	0.971467	0.266532	1
cg00692933	0.0226664	0.500976	-1.9961	0.00148578	0.313165	-3.1932	0.993981	0.998091	-1.00191	0.509896	0.844218	-1.18453	3.23986	3.29302	0.903475	1
cg13996392	0.0258152	0.573073	-1.74498	0.863789	1.03678	1.03678	0.633526	0.903902	-1.10632	0.00535265	2.16323	2.16323	3.23985	2.27039	0.622905	1
cg27122888	0.34344	1.47613	1.47613	0.206417	1.70191	1.70191	0.132784	1.91012	1.91012	0.840719	0.922847	-1.0836	3.2398	8.16929	2.24137	1
cg07277864	0.10888	2.86402	2.86402	0.0127567	6.43678	6.43678	0.0319355	4.53913	4.53913	0.0540942	3.72698	3.72698	3.23976	18.5814	5.09814	1
cg11781421	0.058095	0.231198	-4.32529	0.0161363	0.133634	-7.48312	0.0117658	0.116327	-8.59649	0.103107	0.29549	-3.38421	3.23974	23.9876	6.58148	1
cg24875840	0.967068	1.00692	1.00692	0.540317	1.10911	1.10911	0.560777	1.10324	1.10324	0.0196589	1.60125	1.60125	3.2397	1.43184	0.392859	1
cg04561731	0.0743796	0.373948	-2.67417	0.0247065	0.266283	-3.75541	0.0517849	0.334506	-2.98948	0.0633893	0.355962	-2.80929	3.23969	12.5612	3.44647	1
cg09217748	0.83882	0.929135	-1.07627	0.0624187	0.469128	-2.13162	0.746652	1.1241	1.1241	0.613715	1.20165	1.20165	3.23969	6.68279	1.83359	1
cg10597359	0.661995	0.854187	-1.1707	0.808728	1.09078	1.09078	0.206216	0.620205	-1.61237	0.246646	1.5435	1.5435	3.23961	6.58624	1.80714	1
cg04387396	0.333625	0.615287	-1.62526	0.0181443	0.247283	-4.04394	0.24326	1.81238	1.81238	0.029537	0.287093	-3.4832	3.23945	12.1683	3.33893	1
cg11845417	0.249047	0.543931	-1.83847	0.264898	1.79908	1.79908	0.0362958	3.42203	3.42203	0.423943	0.661827	-1.51097	3.23943	13.1061	3.59626	1
cg11837690	0.830151	1.04001	1.04001	0.00299237	2.10337	2.10337	0.0729376	0.694016	-1.44089	0.453845	0.869941	-1.1495	3.23942	1.71082	0.469446	1
cg00025823	0.0699398	0.390081	-2.56357	0.0627821	0.378088	-2.64489	0.0148223	0.248404	-4.02569	0.151082	0.489304	-2.04372	3.23939	11.0727	3.03835	1
cg24249075	0.671513	1.06047	1.06047	0.18597	0.824459	-1.21292	0.0360771	0.71493	-1.39874	0.893235	0.981686	-1.01866	3.23925	0.972071	0.266748	1
cg00425827	0.163656	0.497356	-2.01063	0.0255732	3.4778	3.4778	0.239202	1.78452	1.78452	0.389409	1.51351	1.51351	3.23923	11.3263	3.10808	1
cg04935522	0.540897	1.11271	1.11271	0.001322	2.23882	2.23882	0.891504	1.02383	1.02383	0.146082	1.30894	1.30894	3.23921	1.52708	0.419055	1
cg08550839	0.212446	1.34802	1.34802	0.00646586	0.447031	-2.23698	0.160613	0.711196	-1.40608	0.721693	0.921889	-1.08473	3.2392	2.65272	0.72795	1
cg21690725	0.368417	1.0965	1.0965	0.198896	0.873389	-1.14496	0.520486	0.93711	-1.06711	0.0529552	1.24523	1.24523	3.23918	0.51014	0.139991	1
cg17518842	0.119078	0.265924	-3.76047	0.0286296	0.132429	-7.5512	0.0132094	0.090248	-11.0806	0.0201117	0.111313	-8.98364	3.23907	31.4513	8.6311	1
cg15309006	0.158775	0.248606	-4.02243	0.0665833	0.149442	-6.69158	0.00426393	34.247	34.247	0.667074	0.670383	-1.49169	3.23905	43.8049	12.0213	1
cg11904266	0.224579	0.469528	-2.1298	0.0112543	0.152313	-6.56542	0.0184523	0.183784	-5.44117	0.718325	0.806808	-1.23945	3.23905	18.0181	4.94469	1
cg01607897	0.939385	1.00785	1.00785	0.00246974	0.648824	-1.54125	0.279299	1.12255	1.12255	0.446419	1.08303	1.08303	3.239	0.541883	0.148711	1
cg00985205	0.798419	0.970313	-1.0306	0.0068999	0.662444	-1.50956	0.213308	0.856991	-1.16687	0.182755	0.846629	-1.18115	3.23898	0.711348	0.195218	1
cg23214249	0.377734	1.69334	1.69334	0.749268	0.82977	-1.20515	0.00966381	6.72348	6.72348	0.090159	2.96486	2.96486	3.23895	17.3728	4.76774	1
cg22226656	0.728254	0.76249	-1.31149	0.905869	0.912138	-1.09633	0.0228341	0.120331	-8.31042	0.195893	0.345324	-2.89583	3.23893	31.0024	8.50826	1
cg18894781	0.881842	0.973838	-1.02686	0.910618	1.02022	1.02022	0.820005	0.960191	-1.04146	0.895604	1.02368	1.02368	3.23889	1.62972	0.447264	1
cg23254302	0.282857	0.392058	-2.55064	0.0020806	0.0263516	-37.9484	0.777232	1.26873	1.26873	0.246913	0.362058	-2.76199	3.23889	36.1187	9.9125	1
cg15024035	0.137695	0.805867	-1.2409	0.100992	0.784656	-1.27444	0.015284	1.49499	1.49499	0.116746	0.794452	-1.25873	3.23886	0.93514	0.256645	1
cg02470440	0.307771	0.730079	-1.36971	0.413039	1.28323	1.28323	0.935624	0.976215	-1.02436	0.642273	0.869877	-1.14959	3.23886	4.55519	1.25015	1
cg04280246	0.939549	0.989411	-1.0107	0.925335	1.01324	1.01324	0.167826	1.22915	1.22915	0.590481	1.07923	1.07923	3.23879	1.01047	0.277323	1
cg22762439	0.25962	1.33035	1.33035	0.204015	0.722251	-1.38456	0.0931907	0.638737	-1.56559	0.0581556	1.68158	1.68158	3.23878	3.02213	0.829427	1
cg06927343	0.0100194	0.537687	-1.85982	0.642456	1.09334	1.09334	0.0679257	0.676893	-1.47734	0.232433	1.26999	1.26999	3.23878	1.86862	0.512847	1
cg06251395	0.0443761	3.98368	3.98368	0.0549825	3.67866	3.67866	0.0107213	6.81755	6.81755	0.0557256	3.66035	3.66035	3.23877	18.3787	5.04408	1
cg09807536	0.825204	1.09764	1.09764	0.560248	1.28156	1.28156	0.115512	0.486429	-2.0558	0.522372	1.31401	1.31401	3.23873	9.10004	2.49756	1
cg13829680	0.108094	0.313158	-3.19328	0.0217609	0.161383	-6.19645	0.52195	0.650617	-1.537	0.0539028	0.234731	-4.2602	3.23872	22.498	6.17472	1
cg27368709	0.0489878	0.554872	-1.80222	0.0330529	0.520425	-1.92151	0.470331	1.21222	1.21222	0.648311	0.886623	-1.12787	3.2387	3.52225	0.96671	1
cg18540794	0.34492	1.36933	1.36933	0.0366255	2.19162	2.19162	0.879206	1.05036	1.05036	0.772967	1.09797	1.09797	3.2387	5.35489	1.46969	1
cg15951661	0.0316057	11.1552	11.1552	0.0140213	18.2292	18.2292	0.199021	3.66484	3.66484	0.27801	2.94342	2.94342	3.2387	46.9783	12.8936	1
cg11909587	0.657203	1.10057	1.10057	0.00881707	2.04513	2.04513	0.00709797	2.10912	2.10912	0.0621719	1.56909	1.56909	3.23868	2.36115	0.648044	1
cg22614355	0.554895	0.909766	-1.09918	0.228601	0.818665	-1.2215	0.171069	0.793918	-1.25958	0.93699	1.0126	1.0126	3.23866	1.28605	0.352973	1
cg27034150	0.524446	1.674	1.674	0.00882672	14.339	14.339	0.0671595	5.14881	5.14881	0.0959831	4.30707	4.30707	3.23865	32.7246	8.98168	1
cg19493323	0.458075	0.92802	-1.07756	0.0258136	1.2991	1.2991	0.222156	0.88087	-1.13524	0.188982	0.871463	-1.1475	3.28464	0.451961	0.137598	1
cg15326795	0.525953	1.12334	1.12334	0.0071005	0.532863	-1.87665	0.186258	0.77599	-1.28868	0.168117	1.30454	1.30454	3.23865	1.68021	0.461154	1
cg17012079	0.393584	0.832843	-1.20071	0.546567	1.13622	1.13622	0.0943958	1.46938	1.46938	0.387587	1.20365	1.20365	3.23861	2.247	0.616726	1
cg24762437	0.122808	1.17696	1.17696	0.016298	1.33142	1.33142	0.124229	0.850254	-1.17612	0.831603	1.02097	1.02097	3.23859	0.487128	0.133701	1
cg26241806	0.231086	0.325263	-3.07443	0.664135	0.676652	-1.47786	0.0404972	8.29211	8.29211	0.0309707	9.62691	9.62691	3.23852	40.9985	11.253	1
cg23618218	0.92533	0.95853	-1.04326	0.0606676	0.384591	-2.60017	0.296246	1.63125	1.63125	0.37871	0.664945	-1.50388	3.23851	10.4707	2.87395	1
cg19384325	0.594926	1.12742	1.12742	0.0599768	1.6068	1.6068	0.919621	0.977695	-1.02281	0.730657	1.08029	1.08029	3.23851	2.56172	0.703129	1
cg21108085	0.141622	1.98376	1.98376	0.014699	3.67535	3.67535	0.00825859	4.3233	4.3233	0.416391	1.43334	1.43334	3.2385	9.63523	2.64463	1
cg17189465	0.153139	0.72905	-1.37165	0.268147	0.787993	-1.26905	0.00676338	2.0651	2.0651	0.111607	1.43041	1.43041	3.2385	2.18869	0.600741	1
cg01853981	0.774954	1.06463	1.06463	0.0117363	1.98931	1.98931	0.75982	0.935202	-1.06929	0.753099	0.93338	-1.07137	3.23848	2.44823	0.671982	1
cg14253517	0.478679	1.5826	1.5826	0.00699143	9.23946	9.23946	0.0398991	4.54467	4.54467	0.12643	2.86868	2.86868	3.23847	20.8379	5.71955	1
cg12870750	0.620578	0.865251	-1.15573	0.953326	1.01712	1.01712	0.00430873	0.33054	-3.02535	0.996855	0.998858	-1.00114	3.23844	4.31482	1.18433	1
cg11516594	0.126747	0.763692	-1.30943	0.00979088	0.58681	-1.70413	0.197127	1.24925	1.24925	0.451367	1.13342	1.13342	3.23837	1.36627	0.375023	1
cg02466926	0.270059	0.823585	-1.2142	0.00906251	0.570917	-1.75157	0.0904641	0.729599	-1.37062	0.590993	1.09602	1.09602	3.23833	1.46484	0.402083	1
cg25345102	0.629159	1.08636	1.08636	0.0531164	1.45364	1.45364	0.036597	0.661357	-1.51204	0.0246682	0.634199	-1.57679	3.2383	1.48611	0.407925	1
cg16122796	0.140809	0.481377	-2.07737	0.0822389	0.411266	-2.43151	0.532165	0.746749	-1.33914	0.0566251	0.369411	-2.70701	3.2383	10.9239	2.99852	1
cg05791054	0.024967	0.495131	-2.01967	0.893538	1.03591	1.03591	0.437442	0.811623	-1.2321	0.179711	0.686964	-1.45568	3.23827	3.56088	0.977444	1
cg27492874	0.676641	0.820091	-1.21938	0.939782	0.964902	-1.03637	0.962967	0.978283	-1.0222	0.606705	0.782269	-1.27833	3.28424	10.3397	3.14828	1
cg20362308	0.58632	0.861154	-1.16123	0.138853	0.648292	-1.54251	0.249402	0.720729	-1.38748	0.0873363	0.598401	-1.67112	3.23824	3.79562	1.04189	1
cg16927664	0.651538	1.08776	1.08776	0.0170812	1.71244	1.71244	0.852103	1.03513	1.03513	0.823381	0.959483	-1.04223	3.23821	1.75566	0.481928	1
cg06835425	0.615234	0.906795	-1.10279	0.0105157	0.537121	-1.86178	0.565348	0.893864	-1.11874	0.866805	0.968112	-1.03294	3.23804	1.91143	0.524715	1
cg05540047	0.342294	1.41041	1.41041	0.0983218	0.528771	-1.89118	0.2265	0.639987	-1.56253	0.557654	1.23171	1.23171	3.23799	6.33455	1.73895	1
cg26606682	0.211541	0.757083	-1.32086	0.00607578	2.13285	2.13285	0.157681	1.37634	1.37634	0.496841	1.15704	1.15704	3.23797	2.29254	0.629351	1
cg22156456	0.0483961	0.374284	-2.67177	0.0173693	0.283021	-3.5333	0.0218438	0.301481	-3.31695	0.0947803	0.44929	-2.22573	3.23794	9.73709	2.67305	1
cg18332849	0.473205	1.49043	1.49043	0.348149	1.69618	1.69618	0.1247	2.48243	2.48243	0.968525	1.02182	1.02182	3.23783	15.3444	4.21252	1
cg03631078	0.345322	0.753411	-1.3273	0.770429	0.91829	-1.08898	0.0489587	1.92498	1.92498	0.141845	0.631215	-1.58425	3.23782	4.35185	1.19473	1
cg17616537	0.291984	2.56042	2.56042	0.0248903	9.93028	9.93028	0.025794	9.74115	9.74115	0.126842	4.13678	4.13678	3.23777	37.9161	10.4094	1
cg04688450	0.144846	1.8896	1.8896	0.545929	1.28193	1.28193	0.0507449	2.47091	2.47091	0.0397657	2.62773	2.62773	3.23774	8.46897	2.32507	1
cg03212129	?	?	?	0.144252	2.56302	2.56302	0.601617	1.3619	1.3619	0.0386199	0.227764	-4.39051	3.92961	18.0009	3.43562	1
cg12001078	0.0280437	0.141572	-7.06352	0.00607419	0.0672675	-14.866	0.918943	0.926179	-1.0797	0.0717152	0.219839	-4.54879	3.2377	29.1038	7.99025	1
cg05995465	0.26939	1.75044	1.75044	0.197942	1.93938	1.93938	0.132659	2.20293	2.20293	0.00583368	0.172533	-5.79601	3.23766	12.1495	3.33561	1
cg27525876	0.00539306	2.0967	2.0967	0.0619886	1.52921	1.52921	0.829612	0.957377	-1.04452	0.320054	1.23081	1.23081	3.23764	2.09469	0.575093	1
cg05547562	0.44396	1.3641	1.3641	0.760949	1.12907	1.12907	0.0692299	0.445437	-2.24499	0.27836	1.56585	1.56585	3.23762	8.11562	2.22814	1
cg19534723	0.43844	1.89535	1.89535	0.0026045	0.0342402	-29.2055	0.782399	0.799317	-1.25107	0.120189	0.255686	-3.91105	3.23762	33.563	9.21472	1
cg26153885	0.409901	0.70627	-1.41589	0.0381858	0.371065	-2.69494	0.0758459	0.442501	-2.25988	0.141837	0.521131	-1.9189	3.23761	8.73112	2.39714	1
cg24979093	0.0471442	0.274355	-3.64491	0.0359086	0.249163	-4.01343	0.00911267	0.151636	-6.59473	0.0787448	0.329033	-3.03921	3.23759	16.6219	4.56358	1
cg09013585	0.304173	0.879976	-1.13639	0.170605	1.19164	1.19164	0.788285	0.968178	-1.03287	0.109279	1.23344	1.23344	3.23752	0.740223	0.203235	1
cg15625671	0.469761	1.35909	1.35909	0.184524	1.79894	1.79894	0.0211165	0.314455	-3.18011	0.0719463	2.31186	2.31186	3.2375	8.92458	2.45034	1
cg02933354	0.600474	1.15558	1.15558	0.162759	1.50341	1.50341	0.725351	0.907995	-1.10133	0.190957	0.68461	-1.46069	3.23749	3.8392	1.0541	1
cg01521449	0.363837	1.25065	1.25065	0.0927747	1.55785	1.55785	0.287867	0.767611	-1.30274	0.0100881	0.459277	-2.17734	3.23748	2.94551	0.808725	1
cg09671481	0.0847482	1.8071	1.8071	0.00364361	3.38989	3.38989	0.416577	1.29395	1.29395	0.941809	1.02292	1.02292	3.23746	4.93974	1.35627	1
cg24837254	0.427871	0.863968	-1.15745	0.0107838	0.560688	-1.78352	0.0335418	0.638543	-1.56606	0.72711	0.938674	-1.06533	3.23743	1.67311	0.459379	1
cg23053407	0.369803	0.938998	-1.06496	0.0176854	0.821046	-1.21796	0.485319	1.04965	1.04965	0.0934574	0.881541	-1.13438	3.23743	0.23946	0.0657475	1
cg14343381	0.0761298	1.49723	1.49723	0.202782	1.31653	1.31653	0.68254	1.08774	1.08774	0.269092	1.26541	1.26541	3.23743	2.1447	0.588862	1
cg15628562	0.356774	0.870151	-1.14923	0.656802	0.936481	-1.06783	0.531746	0.911235	-1.09741	0.0254294	0.677197	-1.47668	3.23742	1.10419	0.303173	1
cg18605858	0.952844	0.988992	-1.01113	0.0515983	0.660544	-1.5139	0.428361	1.16339	1.16339	0.0595932	1.48876	1.48876	3.2374	1.79632	0.493215	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12850036	MARCKS	0.0562973	0.0330616	0.403322	-2.47941	0.0149989	0.336386	-2.97277	0.0240171	2.66671	2.66671	0.914997	1.03967	1.03967	0.757285	1.11957	1.11957
cg12717533	FAM59B	0.0562989	0.0383813	0.56952	-1.75586	0.0108216	0.471897	-2.11911	0.699699	0.913071	-1.09521	0.347682	1.25467	1.25467	0.0123007	0.481178	-2.07823
cg00336071	RPS27L	0.0562995	0.0356854	0.753261	-1.32756	0.0842835	0.801428	-1.24777	0.278699	1.13945	1.13945	0.00669763	0.665215	-1.50327	0.159265	1.19047	1.19047
cg12426293	RAB12	0.0562997	0.119569	2.62514	2.62514	0.00614874	7.71002	7.71002	0.00984937	6.44965	6.44965	0.0679615	3.21603	3.21603	0.377833	1.67709	1.67709
cg23651889	LPP;LPP;LPP	0.0563004	0.112399	0.562211	-1.77869	0.430522	0.764834	-1.30747	0.166529	0.611714	-1.63475	0.0314061	0.431256	-2.31881	0.0065303	0.308043	-3.2463
cg01802953	SERPINC1	0.0563048	0.0345194	0.185503	-5.39075	0.0766825	0.260406	-3.84015	0.0433735	0.2044	-4.89236	0.770656	1.2211	1.2211	0.00882551	0.102453	-9.76054
cg13722700	GPRIN2	0.0563049	0.107862	4.03276	4.03276	0.0184614	9.69424	9.69424	0.0585542	5.46546	5.46546	0.439442	1.87145	1.87145	0.392892	2.00498	2.00498
cg22424615	EIF4B	0.0563051	0.0376154	0.256055	-3.90541	0.737519	0.826964	-1.20924	0.143584	0.4116	-2.42955	0.168097	0.43616	-2.29274	0.277709	0.528542	-1.892
cg22288309	ATP8B4	0.0563067	0.939003	0.975833	-1.02477	0.0253719	0.427621	-2.33852	0.00194663	0.246404	-4.05838	0.534253	0.817741	-1.22288	0.319282	0.719643	-1.38958
cg04130656	LOC285780;LY86	0.0563077	0.694148	1.06553	1.06553	0.331727	1.17449	1.17449	0.0697594	0.722009	-1.38502	0.668845	1.07155	1.07155	0.0803589	1.36552	1.36552
cg10363915	ZDHHC5	0.0563087	0.0508001	0.415458	-2.40698	0.116974	1.9586	1.9586	0.549562	0.787408	-1.26999	0.840141	0.923371	-1.08299	0.00739952	0.256127	-3.90431
cg14778875	SULF1;SULF1;SULF1;SULF1	0.0563088	0.574155	0.785271	-1.27345	0.409002	0.698018	-1.43263	0.0563003	0.398452	-2.50971	0.197076	1.78706	1.78706	0.726313	0.861041	-1.16138
cg06276663	SH3PXD2A	0.0563092	0.0273672	0.159447	-6.27167	0.110528	0.294276	-3.39817	0.270604	0.446267	-2.24081	0.115286	0.299872	-3.33476	0.0399223	0.188153	-5.31481
cg10801418	ZNF90	0.0563102	0.953493	0.98975	-1.01036	0.0234609	0.619926	-1.6131	0.42731	0.866605	-1.15393	0.345972	1.18703	1.18703	0.00608653	0.531187	-1.88258
cg12648201	KRTCAP3;KRTCAP3	0.0563128	0.057668	10.3326	10.3326	0.0251517	18.127	18.127	0.108506	6.71775	6.71775	0.120712	6.24019	6.24019	0.0713458	8.94595	8.94595
cg05158538	PPARGC1A	0.0563136	0.10369	0.552321	-1.81054	0.258229	1.48224	1.48224	0.967827	0.986635	-1.01355	0.924054	1.03232	1.03232	0.00211145	0.236445	-4.22932
cg00971364	RBMS3;RBMS3;RBMS3	0.0563154	0.0628563	0.775957	-1.28873	0.748371	1.03978	1.03978	0.716077	1.04526	1.04526	0.0107387	0.678051	-1.47482	0.938742	1.00936	1.00936
cg13101872	CEP78;CEP78	0.0563158	0.316799	0.828123	-1.20755	0.267785	1.23413	1.23413	0.0742081	1.43699	1.43699	0.52696	1.12391	1.12391	0.0389953	0.646976	-1.54565
cg19111906	TCIRG1;TCIRG1	0.0563163	0.0162827	0.321904	-3.10652	0.14615	1.82564	1.82564	0.259859	0.635414	-1.57378	0.476753	0.75643	-1.322	0.0250604	0.357587	-2.79652
cg04788806	IDH3B;IDH3B;IDH3B	0.0563173	0.00856501	0.600833	-1.66436	0.325283	0.857025	-1.16683	0.251007	0.833446	-1.19984	0.0164849	0.640784	-1.56059	0.330587	0.858561	-1.16474
cg06269397	SLC12A9;SLC12A9	0.0563174	0.240497	0.854683	-1.17002	0.337489	0.881305	-1.13468	0.00505333	1.60597	1.60597	0.785318	1.0355	1.0355	0.429511	1.10855	1.10855
cg15232290	CTSD;HCCA2	0.0563178	0.955804	1.01027	1.01027	0.0127737	1.76895	1.76895	0.0778152	1.4353	1.4353	0.00825426	1.86433	1.86433	0.788744	1.05077	1.05077
cg19494946	BMP8A	0.0563183	0.265583	1.70785	1.70785	0.00364545	6.13748	6.13748	0.0330689	3.1573	3.1573	0.0477861	2.84093	2.84093	0.198066	1.87311	1.87311
cg01877301	ABHD12;ABHD12	0.0563189	0.504171	0.930841	-1.0743	0.640604	0.951501	-1.05097	0.439471	0.920013	-1.08694	0.758014	0.967853	-1.03321	0.85355	0.980652	-1.01973
cg17983307	IGFN1	0.0563205	0.242973	0.660365	-1.51431	0.0623545	0.490422	-2.03906	0.0031256	0.253498	-3.9448	0.519199	0.800976	-1.24848	0.111059	0.554562	-1.80323
cg08168400	DPCR1	0.0563216	0.0496714	2.80739	2.80739	0.00655218	5.09444	5.09444	0.876377	0.930748	-1.0744	0.17993	0.518643	-1.92811	0.847807	0.915235	-1.09262
cg02890044	SLC9A11	0.0563222	0.00174049	0.0732893	-13.6446	0.441611	0.631748	-1.58291	0.120607	0.3733	-2.67881	0.653249	0.767444	-1.30303	0.0705989	0.306462	-3.26305
cg13909582	DMRTA2	0.056323	0.384496	0.613513	-1.62996	0.129012	0.407053	-2.45668	0.452291	0.65734	-1.52128	0.0646627	0.320757	-3.11762	0.0233861	0.226686	-4.41139
cg03071209	THADA;THADA	0.0563237	0.0829193	1.66424	1.66424	0.149094	1.50749	1.50749	0.85325	0.952064	-1.05035	0.934376	0.97839	-1.02209	0.424154	1.24178	1.24178
cg18331412	TGFBI	0.0563238	0.0206699	16.9554	16.9554	0.0205858	16.9998	16.9998	0.226948	3.62763	3.62763	0.153929	4.71417	4.71417	0.119944	5.54929	5.54929
cg11641080	SLC4A1AP	0.0563241	0.046306	0.649885	-1.53873	0.0685426	0.680489	-1.46953	0.100063	0.711632	-1.40522	0.317412	0.82274	-1.21545	0.296948	0.815338	-1.22649
cg16051685	TRIM63;TRIM63	0.0563262	0.140966	0.289737	-3.45141	0.370947	0.487366	-2.05185	0.0786761	0.217	-4.60829	0.35604	0.475829	-2.1016	0.01524	0.0971572	-10.2926
cg12695707	CCDC105	0.0563271	0.053533	3.03969	3.03969	0.0233397	3.95142	3.95142	0.100415	2.4906	2.4906	0.639637	0.787336	-1.27011	0.742154	0.845863	-1.18222
cg26585320	FGF9	0.056331	0.00621067	0.197467	-5.06415	0.300326	0.613851	-1.62906	0.0161261	0.262215	-3.81366	0.729175	1.17121	1.17121	0.0386061	0.336456	-2.97215
cg27054655	ADAMTS2;ADAMTS2	0.0563314	0.587323	1.12726	1.12726	0.0265801	1.77643	1.77643	0.157728	1.39128	1.39128	0.0533826	1.61562	1.61562	0.232486	0.760548	-1.31484
cg24054190	FGF12	0.0563317	0.0340447	11.5577	11.5577	0.0405758	10.3746	10.3746	0.135418	4.91364	4.91364	0.11244	5.5265	5.5265	0.270475	3.11133	3.11133
cg12581717	LSS;LSS;MCM3APAS;LSS;LSS;LSS	0.0563325	0.0231308	0.539272	-1.85435	0.695942	1.09342	1.09342	0.35568	1.24116	1.24116	0.610216	1.12402	1.12402	0.171613	0.718248	-1.39228
cg12426234	NCAM2	0.0563326	0.192954	2.51687	2.51687	0.133757	2.95479	2.95479	0.692108	0.765948	-1.30557	0.838675	0.87235	-1.14633	0.511161	0.639895	-1.56276
cg04353106	RGS5	0.0563327	0.108823	0.422725	-2.3656	0.0179226	0.242594	-4.12211	0.00854668	0.191688	-5.21682	0.0334627	0.294258	-3.39837	0.154577	0.47228	-2.11739
cg01331274	SPTBN4	0.0563335	0.195827	0.852111	-1.17356	0.677353	0.952226	-1.05017	0.530271	1.07722	1.07722	0.0713105	0.790051	-1.26574	0.609996	0.94159	-1.06203
cg23643343	YWHAE;YWHAE	0.056334	0.532524	0.728552	-1.37259	0.239078	1.85454	1.85454	0.364114	1.59552	1.59552	0.555582	1.34804	1.34804	0.0287042	0.274546	-3.64238
cg17635579	CXXC4	0.0563346	0.236962	1.23684	1.23684	0.0643089	1.42847	1.42847	0.583838	1.09955	1.09955	0.0271832	1.56598	1.56598	0.0384229	1.50908	1.50908
cg23244464	ZZEF1	0.056335	0.369009	1.29202	1.29202	0.254585	1.39143	1.39143	0.0783741	0.581018	-1.72112	0.953933	1.01617	1.01617	0.482867	1.21901	1.21901
cg17706606	C6orf130;NFYA;NFYA;C6orf130	0.0563362	0.479195	0.89204	-1.12103	0.0158095	1.59929	1.59929	0.393166	0.8703	-1.14903	0.198614	1.24079	1.24079	0.356536	1.16254	1.16254
cg25042258	CUL1	0.0563373	0.0504837	0.43381	-2.30516	0.0942861	0.501999	-1.99204	0.165375	0.574438	-1.74083	0.433963	1.34868	1.34868	0.0101702	0.296909	-3.36803
cg09754031	TMEM222	0.0563383	0.183279	0.908488	-1.10073	0.714153	1.02532	1.02532	0.477687	0.952115	-1.05029	0.393044	0.942262	-1.06128	0.320221	0.932567	-1.07231
cg04770705	APOB48R	0.0563396	0.176768	1.65797	1.65797	0.0242895	0.388514	-2.57391	0.0737902	0.495711	-2.01731	0.821269	0.923416	-1.08294	0.259184	0.660675	-1.5136
cg16672925	CH25H	0.0563418	0.00627165	0.521131	-1.9189	0.893064	1.02492	1.02492	0.716849	1.06893	1.06893	0.141807	0.748942	-1.33522	0.45746	1.14853	1.14853
cg00039326	TRAPPC3	0.0563474	0.0326124	0.378017	-2.64539	0.78515	0.899152	-1.11216	0.55968	1.25793	1.25793	0.758899	0.887132	-1.12723	0.0221595	0.344057	-2.90649
cg17376415	PTPRN2;PTPRN2;PTPRN2	0.0563493	0.539607	0.874643	-1.14332	0.308238	0.796557	-1.2554	0.477387	0.855726	-1.1686	0.295739	0.791483	-1.26345	0.417165	0.836248	-1.19582
cg11905589	PAIP2;PAIP2	0.0563534	0.164301	0.741679	-1.34829	0.030894	1.66597	1.66597	0.0247924	1.7128	1.7128	0.0678759	1.50961	1.50961	0.197171	1.31596	1.31596
cg06088639	ARPC1B	0.0563536	0.0455999	0.0638756	-15.6554	0.38612	0.344317	-2.9043	0.176935	0.178645	-5.5977	0.109809	0.123458	-8.09994	0.0175951	0.0312307	-32.0198
cg26551913	PAX2;PAX2;PAX2;PAX2;PAX2	0.0563553	0.0519507	0.601759	-1.66179	0.428172	0.830447	-1.20417	0.634032	0.895696	-1.11645	0.292651	1.28499	1.28499	0.990084	0.99715	-1.00286
cg07639476	ACTR3C	0.0563554	0.153965	0.585854	-1.70691	0.0313499	0.412854	-2.42216	0.00627094	0.287207	-3.4818	0.45469	0.765848	-1.30574	0.17994	0.607203	-1.6469
cg00613177	PPP1R10	0.0563557	0.681065	0.932672	-1.07219	0.00361062	0.51457	-1.94337	0.3443	1.17856	1.17856	0.561699	1.10402	1.10402	0.87343	1.02725	1.02725
cg21234561	TXNRD1;TXNRD1;TXNRD1;EID3;TXNRD1;TXNRD1	0.0563563	0.102104	7.41411	7.41411	0.948744	1.07464	1.07464	0.227063	0.241713	-4.13713	0.23441	4.03766	4.03766	0.32015	0.316559	-3.15897
cg21457147	GTF2F2;KCTD4	0.0563565	0.80016	0.846248	-1.18169	0.00394472	0.0779109	-12.8352	0.021521	0.162479	-6.15465	0.233285	2.27621	2.27621	0.172443	0.384525	-2.60061
cg00944193	NBEA	0.0563576	0.0171128	19.6831	19.6831	0.814806	1.27198	1.27198	0.0522631	9.6164	9.6164	0.37614	0.394061	-2.53768	0.867588	0.842748	-1.18659
cg14976684	DPH5;DPH5;DPH5	0.0563578	0.0134094	0.24693	-4.04973	0.437007	0.696167	-1.43644	0.833674	1.10081	1.10081	0.851353	1.08946	1.08946	?	?	?
cg09126527	SECISBP2L	0.0563584	0.474217	0.938216	-1.06585	0.705741	1.0338	1.0338	0.0148118	1.30047	1.30047	0.032057	0.802466	-1.24616	0.28291	0.906859	-1.10271
cg12415234	ALS2;ALS2;ALS2;ALS2	0.0563585	0.00472977	0.490751	-2.03769	0.109622	0.726039	-1.37734	0.495132	0.881844	-1.13399	0.660288	1.08348	1.08348	0.604461	1.0994	1.0994
cg17421805	FCRL6	0.0563589	0.061378	0.242952	-4.11604	0.0576033	0.236602	-4.22651	0.0260831	0.169921	-5.8851	0.975796	0.97984	-1.02058	0.0509201	0.224743	-4.44952
cg10627429	C10orf81	0.0563592	0.0223904	0.125834	-7.94696	0.0107974	0.0867116	-11.5325	0.0734314	0.224387	-4.45659	0.0820882	0.236746	-4.22393	0.0436397	0.174599	-5.72739
cg14168996	SNAPC3	0.0563597	0.0776093	1.28799	1.28799	0.232716	0.850896	-1.17523	0.832614	1.02768	1.02768	0.965226	0.994391	-1.00564	0.764979	1.03944	1.03944
cg10265016	KCNS3	0.0563605	0.0272036	3.39959	3.39959	0.0773556	2.50721	2.50721	0.115454	2.228	2.228	0.109872	2.26107	2.26107	0.711228	0.840235	-1.19014
cg22881447	CXorf58;APOO;APOO;CXorf58	0.0563607	0.139815	0.487205	-2.05252	0.0500654	0.363765	-2.74902	0.173121	1.92726	1.92726	0.0104457	4.30205	4.30205	0.114095	2.17703	2.17703
cg13463683	RHBDL3	0.0563625	0.344727	0.809414	-1.23546	0.540643	0.874088	-1.14405	0.196272	1.34565	1.34565	0.0506467	0.616397	-1.62233	0.0277691	0.568292	-1.75966
cg12157673	ZNF578	0.0563628	0.0342014	4.13569	4.13569	0.01896	5.11545	5.11545	0.107671	2.74181	2.74181	0.166666	2.33297	2.33297	0.0374149	4.00502	4.00502
cg26315417	ZFYVE20	0.0563637	0.0661095	0.56775	-1.76134	0.553414	1.17895	1.17895	0.899578	0.965926	-1.03528	0.0422421	0.525983	-1.9012	0.04242	0.52636	-1.89984
cg12559925	SH3BP4	0.0563647	0.116347	0.542059	-1.84482	0.0064632	0.280623	-3.5635	0.0117883	0.323445	-3.09172	0.39066	0.72931	-1.37116	0.46326	0.764958	-1.30726
cg19332610	DPP6;DPP6;DPP6	0.0563654	0.10538	0.419307	-2.38489	0.448625	0.684311	-1.46132	0.123944	0.441106	-2.26703	0.545438	1.35068	1.35068	0.417935	1.50176	1.50176
cg25777971	CYFIP1	0.0563654	0.0324356	0.611098	-1.6364	0.252817	1.2648	1.2648	0.0127815	1.83733	1.83733	0.992228	0.998086	-1.00192	0.502571	1.14319	1.14319
cg01218494	SSTR2	0.0563662	0.0446841	0.666155	-1.50115	0.206212	0.79057	-1.26491	0.841059	0.96523	-1.03602	0.635517	1.0878	1.0878	0.014049	0.586008	-1.70646
cg00813993	UBXN11;CD52;CD52	0.0563673	0.00946945	2.6157	2.6157	0.882782	0.95777	-1.04409	0.700842	1.11951	1.11951	0.0626381	1.84541	1.84541	0.0509734	0.521968	-1.91583
cg04412715	GPD1L	0.0563674	0.0601165	0.691997	-1.44509	0.141028	0.759677	-1.31635	0.182735	0.782327	-1.27824	0.0230547	0.623848	-1.60296	0.185522	0.783691	-1.27601
cg03541057	ANP32E;ANP32E;ANP32E	0.0563679	0.00910132	0.349529	-2.86099	0.704171	1.12863	1.12863	0.774651	1.09533	1.09533	0.369539	0.746526	-1.33954	0.0146848	0.385649	-2.59303
cg04592204	URGCP;UBE2D4;URGCP	0.0563687	0.638486	1.10153	1.10153	0.954976	1.0116	1.0116	0.211687	0.764256	-1.30846	0.782081	1.0583	1.0583	0.771806	1.06122	1.06122
cg25034155	ZMIZ1	0.0563693	0.697581	0.809375	-1.23552	0.386163	0.618074	-1.61793	0.0134229	0.190503	-5.24926	0.944293	0.96286	-1.03857	0.0027232	0.106285	-9.40871
cg21977075	CACNG1	0.0563704	0.393208	0.616855	-1.62113	0.18711	2.16485	2.16485	0.841174	0.895092	-1.1172	0.450713	0.654098	-1.52882	0.00231468	0.0952919	-10.4941
cg02063166	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1;CNR1	0.0563705	0.570123	1.16505	1.16505	0.172576	0.679494	-1.47168	0.793473	1.07234	1.07234	0.694479	0.900256	-1.1108	0.876768	1.04217	1.04217
cg04548336	9-Sep	0.0563715	0.0799739	0.464535	-2.15269	0.122152	0.516226	-1.93714	0.0133923	0.298546	-3.34956	0.0729477	0.454122	-2.20205	0.0128581	0.295475	-3.38438
cg10274830	C6orf211;RMND1	0.056374	0.225248	1.45347	1.45347	0.0222218	2.23616	2.23616	0.0232547	2.21747	2.21747	0.0377322	2.02907	2.02907	0.0609618	1.85908	1.85908
cg17534216	GOT1L1	0.056375	0.599423	0.87062	-1.14861	0.314387	1.31256	1.31256	0.0398165	0.537265	-1.86128	0.165916	0.679602	-1.47145	0.0107166	0.432408	-2.31263
cg03880724	CRYM;NCRNA00169	0.0563759	0.0326203	0.747907	-1.33707	0.931907	0.990122	-1.00998	0.145739	1.19894	1.19894	0.0323868	0.747518	-1.33776	0.955501	1.0065	1.0065
cg00710506	SNTB2	0.0563774	0.0501245	0.600033	-1.66658	0.00365988	0.407083	-2.4565	0.056386	0.610148	-1.63895	0.488487	1.17461	1.17461	0.211803	0.74023	-1.35093
cg05265512	TGIF1;TGIF1	0.0563777	0.618033	0.897288	-1.11447	0.0821949	0.660253	-1.51457	0.751835	1.07079	1.07079	0.998049	1.00053	1.00053	0.013811	0.518887	-1.9272
cg13196879	TRIM31	0.0563813	0.0817595	0.382299	-2.61576	0.0235186	3.85189	3.85189	0.522886	1.38098	1.38098	0.866781	1.0873	1.0873	0.0435521	0.314453	-3.18012
cg27054514	MORN1	0.0563821	0.786266	0.82915	-1.20605	0.00399198	14.4014	14.4014	0.149739	2.89952	2.89952	0.592773	1.45081	1.45081	0.159451	0.354741	-2.81896
cg03253995	EIF4A1;SNORA48	0.0563822	0.567409	0.89767	-1.114	0.0522564	0.662126	-1.51029	0.683277	0.926251	-1.07962	0.820868	0.958533	-1.04326	0.278968	0.810403	-1.23395
cg03321319	MAPK1;MAPK1	0.0563859	0.224608	0.791987	-1.26265	0.204608	1.27727	1.27727	0.324831	1.20428	1.20428	0.921674	0.98218	-1.01814	0.441923	1.15414	1.15414
cg17391518	ZBTB45	0.0563865	0.227444	1.23674	1.23674	0.241331	1.22835	1.22835	0.0356329	1.50697	1.50697	0.156993	1.28895	1.28895	0.777495	1.04866	1.04866
cg21713614	FRAS1;FRAS1	0.0563874	0.0614264	0.265512	-3.76631	0.00372488	0.0849662	-11.7694	0.0214811	0.175813	-5.68787	0.479249	0.635944	-1.57246	0.173221	0.401715	-2.48933
cg00179598	SRPX;SRPX;SRPX;SRPX	0.0563882	0.329939	1.73448	1.73448	0.174461	0.453273	-2.20618	0.19351	0.47064	-2.12477	0.0215237	0.220381	-4.5376	0.0110999	0.174782	-5.7214
cg22051370	FOXK1	0.0563892	0.175298	0.785343	-1.27333	0.00298597	0.50517	-1.97953	0.849906	1.03227	1.03227	0.373523	1.16549	1.16549	0.711125	0.939542	-1.06435
cg15088880	NOS2	0.0563933	0.0119981	0.594884	-1.681	0.997128	0.999404	-1.0006	0.252515	0.820291	-1.21908	0.289177	0.833311	-1.20003	0.00873616	0.574827	-1.73965
cg19559587	LRP1;MIR1228	0.0563934	0.354642	1.4629	1.4629	0.00521412	4.36033	4.36033	0.0404125	2.57464	2.57464	0.432593	1.37705	1.37705	0.111652	0.500495	-1.99802
cg07819987	CCPG1;CCPG1	0.0563948	0.0848858	0.711547	-1.40539	0.673254	0.927045	-1.0787	0.770414	0.949076	-1.05366	0.414237	0.861509	-1.16075	0.0365369	1.54343	1.54343
cg13538637	RPA3	0.0563957	0.0873154	0.269359	-3.71251	0.00434912	0.0708146	-14.1214	0.0114422	0.11092	-9.01553	0.435715	0.575462	-1.73773	0.164165	0.356468	-2.8053
cg01347786	RBMS3;RBMS3;RBMS3	0.0563971	0.445769	0.585044	-1.70927	0.346329	0.512283	-1.95204	0.371894	1.88196	1.88196	0.0492935	4.70032	4.70032	0.0467046	0.207892	-4.81018
cg07655045	FLJ26850	0.0563975	0.535613	1.09426	1.09426	0.0499607	1.37851	1.37851	0.0319885	1.43448	1.43448	0.0336106	1.42815	1.42815	0.820193	1.03323	1.03323
cg13487037	SRI;SRI	0.0564005	0.247693	0.866088	-1.15462	0.416174	1.10391	1.10391	0.0389087	0.752458	-1.32898	0.623287	1.06066	1.06066	0.883131	1.01765	1.01765
cg11911498	PDE2A;PDE2A;PDE2A;PDE2A;PDE2A	0.0564009	0.022167	0.701456	-1.42561	0.299186	1.14927	1.14927	0.013398	1.48586	1.48586	0.670868	0.946229	-1.05683	0.329272	1.13904	1.13904
cg09924848	FAM53B	0.0564019	0.246007	1.31127	1.31127	0.0219141	1.84812	1.84812	0.979911	1.00564	1.00564	0.768565	0.936218	-1.06813	0.709045	1.08733	1.08733
cg12798274	MIR1307;USMG5	0.0564023	0.0405582	0.0877877	-11.3911	0.103499	0.160146	-6.24429	0.157635	0.211343	-4.73165	0.149387	0.203883	-4.90478	0.0520253	0.102923	-9.71602
cg12145624	MAST4;MAST4	0.0564024	0.979222	1.0169	1.0169	0.534304	0.667015	-1.49922	0.117753	0.335216	-2.98315	0.480842	0.630625	-1.58573	0.0404465	0.218108	-4.58489
cg26279282	LDHAL6A;LDHAL6A	0.0564024	0.0270988	0.176505	-5.66555	0.550488	0.670033	-1.49246	0.0687823	0.259187	-3.85823	0.0689981	0.259522	-3.85324	0.0078407	0.104149	-9.60165
cg13463516	KCNT1	0.0564026	0.940283	1.02942	1.02942	0.00736855	3.80616	3.80616	0.349305	1.45196	1.45196	0.695695	1.16433	1.16433	0.325579	1.48123	1.48123
cg26359335	SRGAP3;SRGAP3	0.0564035	0.271626	0.472157	-2.11794	0.00704617	9.81693	9.81693	0.0725473	3.72049	3.72049	0.152093	2.73488	2.73488	0.210956	0.421345	-2.37335
cg18002862	RAP1GAP2;RAP1GAP2	0.0564043	0.0098207	0.2337	-4.279	0.310045	0.626352	-1.59655	0.303564	0.622134	-1.60737	0.123608	0.475776	-2.10183	0.0105215	0.238427	-4.19415
cg13438337	PCSK5	0.0564063	0.0259096	0.478533	-2.08972	0.483584	0.82002	-1.21948	0.0987465	0.603782	-1.65623	0.288421	0.735535	-1.35955	0.00248018	0.309676	-3.22918
cg20859470	RPS27	0.0564092	0.0668743	1.26835	1.26835	0.0542538	1.28758	1.28758	0.260292	1.14553	1.14553	0.0946025	1.23689	1.23689	0.0257397	1.35863	1.35863
cg10816127	MDC1	0.0564141	0.330846	0.433013	-2.3094	0.00624244	19.5554	19.5554	0.0285405	8.632	8.632	0.175278	3.32817	3.32817	0.814858	0.822282	-1.21613
cg22105162	FBXL21	0.0564151	0.445356	0.609961	-1.63945	0.111665	0.332566	-3.00692	0.030184	0.197951	-5.05175	0.0710748	0.277678	-3.60129	0.0542176	0.249497	-4.00806
cg02459859	NARFL	0.0564153	0.217769	0.794468	-1.2587	0.03168	1.56357	1.56357	0.671227	0.927033	-1.07871	0.0594174	0.685503	-1.45878	0.154828	0.763224	-1.31023
cg13990672	SF1;SF1;SF1;SF1	0.0564156	0.411431	0.838396	-1.19275	0.0069086	2.08293	2.08293	0.00661488	2.09567	2.09567	0.582371	1.12363	1.12363	0.445306	0.849343	-1.17738
cg19731268	CHST3	0.056416	0.0984698	0.600891	-1.6642	0.0060562	0.365099	-2.73898	0.00492916	0.35104	-2.84868	0.31729	0.747834	-1.33719	0.377812	0.775417	-1.28963
cg25029561	MAPRE3	0.0564185	0.0267691	3.07436	3.07436	0.470939	1.36875	1.36875	0.00580639	4.69461	4.69461	0.176003	1.8511	1.8511	0.0828172	2.27533	2.27533
cg11135003	EPHX1	0.0564191	0.111654	0.69711	-1.43449	0.392879	1.19995	1.19995	0.222894	1.30568	1.30568	0.927002	0.981098	-1.01927	0.327035	0.810007	-1.23456
cg03258475	GABBR1;GABBR1;GABBR1	0.0564201	0.015155	0.435312	-2.2972	0.443711	1.24319	1.24319	0.921492	0.972895	-1.02786	0.761821	0.918755	-1.08843	0.00790571	0.386889	-2.58472
cg11352290	C2orf18;C2orf18	0.0564205	0.00382516	0.24979	-4.00336	0.0657699	0.479743	-2.08445	0.534553	0.799508	-1.25077	0.807653	0.916887	-1.09065	0.0644375	0.477574	-2.09392
cg17700139	IRS4	0.0564213	0.0312967	0.332311	-3.00923	0.855333	1.08284	1.08284	0.950238	0.973151	-1.02759	0.62004	0.80417	-1.24352	0.153184	0.513238	-1.94841
cg00042874	PLEKHH3	0.0564255	0.281911	1.95113	1.95113	0.309872	0.533595	-1.87408	0.226458	2.1364	2.1364	0.626104	1.3411	1.3411	0.415276	0.607913	-1.64497
cg12298905	PROX1	0.0564257	0.564418	0.860746	-1.16178	0.371126	0.789486	-1.26665	0.28223	1.33325	1.33325	0.640747	0.886061	-1.12859	0.0013847	0.303212	-3.29802
cg04325187	MTMR1	0.056426	0.966784	0.983062	-1.01723	0.0848211	0.457548	-2.18556	0.47272	0.741095	-1.34935	0.499402	0.754815	-1.32483	0.00158715	0.155693	-6.42291
cg07190715	TFAP2E	0.0564271	0.0572021	0.767539	-1.30287	0.699232	0.953381	-1.0489	0.123702	0.814625	-1.22756	0.912937	0.986641	-1.01354	0.643513	1.05898	1.05898
cg09519060	GABBR1;GABBR1;GABBR1	0.0564286	0.408379	1.23313	1.23313	0.646457	0.891854	-1.12126	0.0312309	0.534512	-1.87087	0.800918	0.939305	-1.06462	0.246043	0.740341	-1.35073
cg23593537	PDE2A;PDE2A;PDE2A;PDE2A	0.056429	0.0330894	0.465566	-2.14792	0.653558	0.870561	-1.14868	0.851289	1.05927	1.05927	0.713145	1.11996	1.11996	0.095711	1.75327	1.75327
cg01833122	CD247;CD247	0.0564294	0.0647941	0.61785	-1.61852	0.014764	2.00688	2.00688	0.309739	0.783457	-1.27639	0.220992	0.741778	-1.34811	0.0143868	0.496373	-2.01461
cg20248075	SNORD56B	0.0564296	0.618532	1.1132	1.1132	0.0139009	0.52245	-1.91406	0.01536	0.529633	-1.8881	0.104357	0.68435	-1.46124	0.791346	0.944929	-1.05828
cg07469926	TRIM36;TRIM36;TRIM36	0.0564333	0.4154	1.32584	1.32584	0.0164829	2.69859	2.69859	0.85917	1.06202	1.06202	0.72655	1.12632	1.12632	0.311818	1.42548	1.42548
cg00584000	TCHH	0.0564356	0.00919258	4.02987	4.02987	0.393266	1.44561	1.44561	0.248923	1.66174	1.66174	0.626719	0.81339	-1.22942	0.393135	0.691673	-1.44577
cg13119284	FBXO7;FBXO7	0.0564367	0.00739794	0.613831	-1.62911	0.221795	1.19915	1.19915	0.200992	0.826128	-1.21047	0.0261839	0.688615	-1.45219	0.129767	0.793363	-1.26046
cg12728240	NAT8	0.0564372	0.0410404	0.455984	-2.19306	0.434936	0.766945	-1.30387	0.0419274	0.458007	-2.18337	0.143595	0.592483	-1.68781	0.0161811	0.375365	-2.66408
cg18598029	HCG27	0.0564383	0.164834	0.569388	-1.75627	0.607034	1.21796	1.21796	0.150551	0.556746	-1.79615	0.542599	0.791159	-1.26397	0.0216938	0.350809	-2.85055
cg18344063	MGAT4C;MGAT4C	0.0564385	0.316187	0.691587	-1.44595	0.290491	1.47753	1.47753	0.627169	1.19027	1.19027	0.0297899	2.48428	2.48428	0.0160496	0.350389	-2.85397
cg15120477	DNPEP	0.0564392	0.468524	0.70403	-1.42039	0.0587065	2.76225	2.76225	0.112728	2.27391	2.27391	0.668083	0.814446	-1.22783	0.00374458	0.1553	-6.43913
cg14461913	CAMSAP1	0.0564394	0.237366	1.55654	1.55654	0.816093	1.08684	1.08684	0.791215	1.09948	1.09948	0.68844	1.15497	1.15497	0.141713	1.75904	1.75904
cg23422170	C2orf48	0.0564396	0.4456	0.728249	-1.37316	0.0498022	0.401499	-2.49067	0.00409334	0.207822	-4.81181	0.886921	0.943622	-1.05975	0.351197	0.676167	-1.47892
cg11224946	MEGF6	0.0564407	0.625139	1.11233	1.11233	0.0186841	0.539967	-1.85197	0.0681155	0.642969	-1.55529	0.225024	1.31719	1.31719	0.570616	0.883457	-1.13192
cg23874934	TSNARE1	0.0564409	0.0705046	0.627531	-1.59355	0.106951	1.50032	1.50032	0.284811	0.774061	-1.29189	0.577489	0.878339	-1.13851	0.00501063	0.424881	-2.3536

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12850036	0.171445	0.588318	-1.69976	0.63946	0.842058	-1.18757	0.705675	0.870889	-1.14825	0.480876	1.29831	1.29831	3.23736	6.8064	1.86885	1
cg12717533	0.165549	0.706797	-1.41483	0.157595	0.701483	-1.42555	0.206335	0.731432	-1.36718	0.8914	1.03257	1.03257	3.23733	2.82267	0.775034	1
cg00336071	0.78162	0.968305	-1.03273	0.985603	1.00209	1.00209	0.53316	1.0759	1.0759	0.649147	0.948297	-1.05452	3.23731	0.688779	0.189122	1
cg12426293	0.235786	2.03391	2.03391	0.146081	2.43914	2.43914	0.0534993	3.5014	3.5014	0.113641	2.67414	2.67414	3.23731	16.7414	4.5968	1
cg23651889	0.813302	0.924198	-1.08202	0.406186	1.32729	1.32729	0.437087	0.767865	-1.30231	0.0189704	0.388083	-2.57677	3.23729	5.6921	1.56292	1
cg01802953	0.058156	0.231491	-4.31982	0.0379163	0.193056	-5.17985	0.844723	0.874592	-1.14339	0.255051	0.443951	-2.2525	3.23719	23.9419	6.57412	1
cg13722700	0.415084	1.93885	1.93885	0.00576277	17.7378	17.7378	0.0222266	8.83168	8.83168	0.134088	3.61143	3.61143	3.23719	32.3869	8.89301	1
cg22424615	0.014772	0.183675	-5.44439	0.0091238	0.15398	-6.49434	0.678464	0.790191	-1.26552	0.0216243	0.210572	-4.74896	3.23719	16.3585	4.49183	1
cg22288309	0.731253	0.895648	-1.11651	0.619689	1.17342	1.17342	0.892717	1.04408	1.04408	0.189083	0.640998	-1.56007	3.23715	5.23863	1.43848	1
cg04130656	0.023346	1.54532	1.54532	0.0292815	1.51049	1.51049	0.678709	1.06919	1.06919	0.107252	0.753999	-1.32626	3.23713	1.3225	0.363147	1
cg10363915	0.115883	0.509367	-1.96322	0.395481	0.709273	-1.40989	0.137298	1.8809	1.8809	0.448054	0.736969	-1.35691	3.23711	7.98858	2.19361	1
cg14778875	0.617167	1.23931	1.23931	0.112791	2.08523	2.08523	0.00659056	4.49036	4.49036	0.13893	1.97016	1.97016	3.2371	9.29244	2.55165	1
cg06276663	0.0722649	0.243887	-4.10026	0.00815822	0.0923963	-10.8229	0.0252466	0.15388	-6.49855	0.0915998	0.270723	-3.69381	3.2371	25.3669	6.96561	1
cg10801418	0.855231	1.03279	1.03279	0.194565	0.784734	-1.27432	0.11982	1.34734	1.34734	0.644552	0.921212	-1.08553	3.23707	1.59986	0.439315	1
cg12648201	0.319766	3.06057	3.06057	0.011684	30.8215	30.8215	0.011532	31.1072	31.1072	0.155154	5.23383	5.23383	3.23702	60.6857	16.6644	1
cg05158538	0.393324	0.746992	-1.3387	0.429604	1.30863	1.30863	0.524404	0.806376	-1.24012	0.390605	1.34106	1.34106	3.237	5.70543	1.56673	1
cg00971364	0.108299	0.808695	-1.23656	0.00756935	0.659427	-1.51647	0.317785	0.88236	-1.13332	0.179028	0.841129	-1.18888	3.23696	0.753072	0.206798	1
cg13101872	0.931896	1.0157	1.0157	0.152525	0.756344	-1.32215	0.0698617	1.44688	1.44688	0.0316264	1.58282	1.58282	3.23695	1.70255	0.467531	1
cg19111906	0.391418	0.712626	-1.40326	0.0266464	0.362932	-2.75533	0.521528	1.28489	1.28489	0.147409	0.548929	-1.82173	3.23694	7.63167	2.09572	1
cg04788806	0.531044	0.908113	-1.10118	0.0743028	0.739281	-1.35267	0.0103315	0.612154	-1.63358	0.798863	0.961956	-1.03955	3.23692	1.18288	0.32483	1
cg06269397	0.0558467	0.758191	-1.31893	0.131809	0.812326	-1.23103	0.587152	1.07257	1.07257	0.770688	0.963343	-1.03805	3.23691	0.837045	0.229861	1
cg15232290	0.0439198	1.53261	1.53261	0.625108	1.09505	1.09505	0.540668	0.892075	-1.12098	0.146407	1.33303	1.33303	3.2369	1.74303	0.478655	1
cg19494946	0.104684	2.26636	2.26636	0.0429544	2.92902	2.92902	0.120024	2.17736	2.17736	0.166021	1.97677	1.97677	3.23689	10.9117	2.99648	1
cg01877301	0.514101	0.932432	-1.07246	0.00177637	0.6247	-1.60077	0.143556	1.18078	1.18078	0.21541	1.14782	1.14782	3.23688	0.57312	0.157386	1
cg17983307	0.873786	1.05547	1.05547	0.156565	1.67308	1.67308	0.195122	0.627882	-1.59266	0.500121	0.792583	-1.2617	3.23684	5.91309	1.62383	1
cg08168400	0.490829	0.724246	-1.38075	0.0286287	3.28811	3.28811	0.791406	1.12998	1.12998	0.560663	1.31158	1.31158	3.23682	10.8947	2.99188	1
cg02890044	0.841622	1.12423	1.12423	0.27779	0.51654	-1.93596	0.260814	0.503361	-1.98664	0.0570628	0.283601	-3.52608	3.23681	17.5627	4.82305	1
cg13909582	0.394195	0.619912	-1.61313	0.00275718	0.104046	-9.61111	0.516248	0.697234	-1.43424	0.0548415	0.303254	-3.29756	3.23679	15.39	4.22641	1
cg03071209	0.00414821	0.36078	-2.77177	0.112974	0.63277	-1.58035	0.947819	1.01751	1.01751	0.691645	1.11155	1.11155	3.23677	3.60775	0.990767	1
cg18331412	0.0491869	9.78382	9.78382	0.039801	11.1821	11.1821	0.0141567	21.6524	21.6524	0.0715896	7.71884	7.71884	3.23677	52.8965	14.5265	1
cg11641080	0.46678	0.869526	-1.15005	0.0105406	1.83584	1.83584	0.923041	1.01841	1.01841	0.579831	1.11135	1.11135	3.23676	1.82715	0.501778	1
cg16051685	0.264981	0.402981	-2.48151	0.00629018	0.0617617	-16.1913	0.0218357	0.11614	-8.61029	0.0856653	0.226237	-4.42015	3.23672	31.3754	8.61653	1
cg12695707	0.576512	1.3312	1.3312	0.0235033	0.253637	-3.94263	0.707681	1.21045	1.21045	0.109353	2.4234	2.4234	3.2367	13.1786	3.61921	1
cg26585320	0.215989	0.553191	-1.80769	0.0933272	0.43202	-2.31471	0.699106	1.19316	1.19316	0.453719	0.706788	-1.41485	3.23661	10.5976	2.91047	1
cg27054655	0.0248361	1.79302	1.79302	0.0821845	0.656416	-1.52342	0.774797	0.939217	-1.06472	0.648341	1.10559	1.10559	3.2366	2.44972	0.672784	1
cg24054190	0.492484	1.99291	1.99291	0.0316215	12.096	12.096	0.0104261	24.2959	24.2959	0.0193947	16.386	16.386	3.23659	50.1651	13.7772	1
cg12581717	0.661789	1.10528	1.10528	0.00980189	0.475921	-2.10119	0.0310666	0.562403	-1.77808	0.73982	0.927015	-1.07873	3.23658	2.65061	0.72796	1
cg12426234	0.769523	0.821332	-1.21753	0.924756	1.06533	1.06533	0.00202121	18.4905	18.4905	0.0783113	3.70715	3.70715	3.23658	23.0055	6.3182	1
cg04353106	0.265011	0.564438	-1.77167	0.0314845	0.288807	-3.46252	0.11378	0.42865	-2.33291	0.853978	0.913286	-1.09495	3.23657	12.4253	3.41247	1
cg01331274	0.0459497	0.765197	-1.30685	0.0114353	1.44812	1.44812	0.0767436	0.794298	-1.25897	0.584372	0.937418	-1.06676	3.23656	0.701603	0.192689	1
cg23643343	0.295275	0.580582	-1.72241	0.0278821	0.272058	-3.67568	0.0258375	3.76453	3.76453	0.810718	0.886748	-1.12772	3.23654	12.8637	3.53289	1
cg17635579	0.168768	1.28602	1.28602	0.34779	0.847182	-1.18038	0.0720805	1.41116	1.41116	0.00969858	1.75304	1.75304	3.23653	1.5086	0.414326	1
cg23244464	0.649506	0.880692	-1.13547	0.00259351	0.313792	-3.18683	0.584911	1.16552	1.16552	0.514783	1.20133	1.20133	3.23652	3.95263	1.08556	1
cg17706606	0.0825573	0.73685	-1.35713	0.352529	0.859044	-1.16409	0.713456	1.06032	1.06032	0.019385	1.56672	1.56672	3.23649	1.29287	0.35508	1
cg25042258	0.10899	0.519511	-1.92489	0.144227	0.555596	-1.79987	0.119111	1.8846	1.8846	0.525793	0.785949	-1.27235	3.23647	7.19515	1.97613	1
cg09754031	0.0127713	0.810365	-1.23401	0.0209864	0.827989	-1.20775	0.33243	0.934295	-1.07033	0.00588762	0.782743	-1.27756	3.23645	0.236822	0.0650432	1
cg04770705	0.0656489	0.483155	-2.06973	0.0324991	2.41405	2.41405	0.664952	0.85776	-1.16583	0.654744	1.17174	1.17174	3.23642	6.35527	1.74549	1
cg16672925	0.158249	1.31794	1.31794	0.0340401	0.635852	-1.57269	0.306466	1.21382	1.21382	0.985057	1.00343	1.00343	3.23637	1.71688	0.471552	1
cg00039326	0.308829	0.663826	-1.50642	0.00363044	0.21631	-4.623	0.896336	0.950554	-1.05202	0.651708	0.837974	-1.19335	3.23625	7.75661	2.13048	1
cg17376415	0.135142	1.41533	1.41533	0.162555	1.37926	1.37926	0.261933	0.777017	-1.28697	0.0028332	0.412074	-2.42675	3.2362	2.38408	0.654835	1
cg11905589	0.565561	1.12409	1.12409	0.135102	0.722965	-1.38319	0.778992	0.944917	-1.05829	0.113441	1.41466	1.41466	3.23611	2.07864	0.570956	1
cg06088639	0.252385	0.238171	-4.19867	0.00391457	0.00946663	-105.634	0.360325	0.323499	-3.0912	0.0582916	0.0767028	-13.0373	3.23611	73.8097	20.2739	1
cg26551913	0.194955	1.37009	1.37009	0.192632	0.728541	-1.37261	0.00513665	2.33722	2.33722	0.523116	1.16026	1.16026	3.23607	2.70377	0.742676	1
cg07639476	0.654203	1.1711	1.1711	0.366513	0.722532	-1.38402	0.116803	0.550511	-1.81649	0.0141251	0.346108	-2.88927	3.23607	6.28972	1.72767	1
cg00613177	0.0317311	0.654005	-1.52904	0.483875	0.886926	-1.12749	0.326436	1.18634	1.18634	0.193154	0.792742	-1.26144	3.23606	1.45786	0.40045	1
cg21234561	0.0596238	0.0925325	-10.807	0.78147	0.732437	-1.3653	0.0259438	19.3004	19.3004	0.0319257	16.692	16.692	3.23605	64.2573	17.6504	1
cg21457147	0.279711	0.477302	-2.09511	0.17314	0.385197	-2.59608	0.315855	0.505338	-1.97887	0.905117	1.08164	1.08164	3.23604	22.2001	6.09801	1
cg00944193	0.692637	1.50283	1.50283	0.417078	0.427274	-2.34042	0.810939	0.782145	-1.27853	0.00679601	36.4564	36.4564	3.23602	53.8794	14.7999	1
cg14976684	0.389154	1.49646	1.49646	0.0194517	0.275182	-3.63396	0.581488	0.775466	-1.28955	0.022367	0.286485	-3.49059	3.28193	9.63943	2.93712	1
cg09126527	0.468895	0.937469	-1.0667	0.348556	0.918912	-1.08824	0.755707	1.02772	1.02772	0.0373706	1.23577	1.23577	3.236	0.393526	0.108097	1
cg12415234	0.0150533	0.571598	-1.74948	0.0896238	0.708865	-1.41071	0.771188	0.948538	-1.05425	0.967648	1.00737	1.00737	3.49958	1.77955	0.395504	1
cg17421805	0.131222	0.334909	-2.98589	0.0178144	0.144601	-6.91559	0.0212245	0.155767	-6.41983	0.0795682	0.270829	-3.69237	3.23599	23.0958	6.34415	1
cg10627429	0.0515967	0.189326	-5.28191	0.04229	0.171961	-5.81527	0.0275677	0.139508	-7.16804	0.149497	0.316692	-3.15764	3.49956	29.3946	6.53296	1
cg14168996	0.261063	1.16327	1.16327	0.00393126	1.6498	1.6498	0.0254163	1.40884	1.40884	0.978458	1.00349	1.00349	3.23597	0.853223	0.234372	1
cg10265016	0.101353	2.31579	2.31579	0.0821092	2.46381	2.46381	0.00440056	5.92928	5.92928	0.420144	1.47045	1.47045	3.23595	11.231	3.08507	1
cg22881447	0.403434	0.679107	-1.47252	0.510837	0.739437	-1.35238	0.41629	1.45649	1.45649	0.890056	1.0646	1.0646	3.23595	10.4989	2.88397	1
cg13463683	0.0388945	1.68117	1.68117	0.115241	0.689314	-1.45072	0.289318	0.787444	-1.26993	0.3411	1.23755	1.23755	3.23591	2.41916	0.66453	1
cg12157673	0.0615161	3.35378	3.35378	0.598004	1.35756	1.35756	0.012283	5.99957	5.99957	0.0549929	3.49073	3.49073	3.2359	16.9155	4.64663	1
cg26315417	0.0152911	0.441435	-2.26534	0.0195674	0.46085	-2.1699	0.665944	1.12667	1.12667	0.477692	0.820181	-1.21924	3.23588	3.86431	1.06152	1
cg12559925	0.0928866	0.515049	-1.94156	0.0192695	0.362068	-2.76191	0.401876	0.734991	-1.36056	0.442313	0.754925	-1.32463	3.23586	6.60027	1.81309	1
cg19332610	0.506598	1.39241	1.39241	0.00449058	0.155514	-6.43029	0.598363	1.2984	1.2984	0.0463141	0.325838	-3.06901	3.23585	12.3682	3.39755	1
cg25777971	0.639078	0.911281	-1.09736	0.0345137	1.624	1.624	0.765772	1.06052	1.06052	0.284058	0.80342	-1.24468	3.23584	1.98239	0.544565	1
cg01218494	0.0115026	0.572841	-1.74568	0.14163	0.756883	-1.32121	0.9238	1.017	1.017	0.30863	1.20408	1.20408	3.23583	1.592	0.437325	1
cg00813993	0.0401955	2.00029	2.00029	0.225669	1.45079	1.45079	0.556831	1.1898	1.1898	0.408803	1.28027	1.28027	3.2358	4.38317	1.20407	1
cg04412715	0.764061	0.94908	-1.05365	0.0189879	1.6374	1.6374	0.290119	0.826449	-1.21	0.262147	0.81628	-1.22507	3.2358	1.54476	0.424353	1
cg03541057	0.225118	0.667554	-1.49801	0.0409948	0.473267	-2.11297	0.0658902	0.519663	-1.92432	0.113227	0.578818	-1.72766	3.23579	5.15656	1.41653	1
cg04592204	0.221914	1.29996	1.29996	0.00158114	0.39575	-2.52685	0.764314	1.06337	1.06337	0.29213	0.799837	-1.25025	3.23577	2.13987	0.587836	1
cg25034155	0.356411	0.598255	-1.67153	0.0946232	0.369717	-2.70477	0.337792	0.585558	-1.70777	0.821623	1.1301	1.1301	3.23576	15.0325	4.12954	1
cg21977075	0.0547993	0.300247	-3.33059	0.877117	0.918079	-1.08923	0.143387	0.419551	-2.3835	0.31198	0.561158	-1.78203	3.23573	15.6362	4.29541	1
cg02063166	0.00129006	0.28697	-3.48468	0.453894	0.81622	-1.22516	0.944409	0.981609	-1.01874	0.339456	1.29962	1.29962	3.23573	3.63094	0.997456	1
cg04548336	0.30552	0.657876	-1.52004	0.0237478	0.344639	-2.90159	0.923941	0.963014	-1.03841	0.0756025	0.458139	-2.18274	3.23571	7.98221	2.19281	1
cg10274830	0.106509	1.6778	1.6778	0.415711	0.783294	-1.27666	0.318196	0.738659	-1.3538	0.933153	1.02494	1.02494	3.23565	4.41772	1.21362	1
cg17534216	0.262001	0.736563	-1.35766	0.0614513	0.57649	-1.73463	0.0226401	0.489947	-2.04104	0.0931598	0.61703	-1.62067	3.23563	3.50209	0.962091	1
cg03880724	0.183623	0.848847	-1.17807	0.71053	1.04426	1.04426	0.141222	1.20178	1.20178	0.0492739	1.29783	1.29783	3.23561	0.691515	0.189973	1
cg00710506	0.773399	1.06825	1.06825	0.815031	1.05505	1.05505	0.476506	1.18004	1.18004	0.910414	0.974589	-1.02607	3.23558	2.6799	0.736232	1
cg05265512	0.0354098	0.589738	-1.69567	0.00728946	0.47423	-2.10868	0.962828	1.0101	1.0101	0.202768	0.748345	-1.33628	3.23557	2.38179	0.654334	1
cg13196879	0.882531	0.928944	-1.07649	0.0349365	0.29369	-3.40496	0.280166	1.75003	1.75003	0.4681	1.44488	1.44488	3.23549	12.7341	3.49845	1
cg27054514	0.348189	1.94598	1.94598	0.11273	3.28735	3.28735	0.0580727	4.3779	4.3779	0.157246	2.83666	2.83666	3.23547	24.3478	6.68912	1
cg03253995	0.975878	1.00566	1.00566	0.00346156	2.09856	2.09856	0.384769	1.18107	1.18107	0.254322	0.800677	-1.24894	3.23547	1.78728	0.491024	1
cg03321319	0.00434948	0.498271	-2.00694	0.0974477	0.717131	-1.39444	0.918669	1.01885	1.01885	0.181577	1.29599	1.29599	3.23539	1.71276	0.470563	1
cg17391518	0.041768	0.674664	-1.48222	0.0247108	1.56587	1.56587	0.0463933	1.46609	1.46609	0.900387	0.979219	-1.02122	3.23538	1.44097	0.395892	1
cg21713614	0.0719796	0.282531	-3.53944	0.0715062	0.2818	-3.54861	0.75669	0.822354	-1.21602	0.6181	0.728841	-1.37204	3.23536	20.2933	5.57544	1
cg00179598	0.309354	1.77939	1.77939	0.236848	1.97168	1.97168	0.358404	0.596118	-1.67752	0.226902	0.499106	-2.00358	3.23534	15.3747	4.22411	1
cg22051370	0.884398	0.975905	-1.02469	0.556392	1.10488	1.10488	0.221227	1.24057	1.24057	0.0628514	0.704077	-1.4203	3.23532	1.44007	0.395652	1
cg15088880	0.476245	0.886874	-1.12756	0.104602	0.745273	-1.34179	0.354212	1.17113	1.17113	0.0456364	0.683977	-1.46204	3.23523	1.40747	0.386708	1
cg19559587	0.614087	0.816176	-1.22523	0.969049	1.01562	1.01562	0.199336	1.719	1.719	0.378583	0.697054	-1.43461	3.23522	8.17746	2.24679	1
cg07819987	0.114288	0.735795	-1.35907	0.311715	1.20553	1.20553	0.0325295	1.5635	1.5635	0.065572	1.44644	1.44644	3.23519	1.63452	0.449095	1
cg13538637	0.0922946	0.275959	-3.62373	0.0747793	0.251805	-3.97133	0.235787	0.421751	-2.37107	0.661935	0.736587	-1.35761	3.23517	24.7404	6.79763	1
cg01347786	0.0582345	4.37641	4.37641	0.44076	1.71983	1.71983	0.0524969	4.57528	4.57528	0.151321	0.346297	-2.88769	3.23514	24.3734	6.69683	1
cg07655045	0.671765	1.06311	1.06311	0.0661236	0.743797	-1.34445	0.226218	0.833216	-1.20017	0.0938738	1.3028	1.3028	3.23513	1.0564	0.290258	1
cg13487037	0.185652	1.1817	1.1817	0.00618497	1.52919	1.52919	0.194784	0.849463	-1.17721	0.980897	0.997156	-1.00285	3.23506	0.725049	0.199219	1
cg11911498	0.245333	0.854601	-1.17014	0.151589	0.819833	-1.21976	0.293541	1.15129	1.15129	0.539672	1.0836	1.0836	3.23506	0.856574	0.235359	1
cg09924848	0.0026679	2.52879	2.52879	0.575528	0.8813	-1.13469	0.138243	1.4283	1.4283	0.993088	1.00194	1.00194	3.23503	2.55613	0.702347	1
cg12798274	0.0478692	0.0975927	-10.2467	0.00646426	0.026191	-38.181	0.195907	0.244908	-4.08317	0.0221984	0.0595961	-16.7796	3.23502	54.2153	14.8967	1
cg12145624	0.0218964	0.170422	-5.86779	0.0059845	0.0991088	-10.0899	0.422824	1.69343	1.69343	0.115619	0.332715	-3.00558	3.23502	21.2097	5.82779	1
cg26279282	0.530535	0.656277	-1.52375	0.0179619	0.148654	-6.72701	0.253978	0.453993	-2.20268	0.0621732	0.248604	-4.02246	3.23502	22.5151	6.18649	1
cg13463516	0.855253	1.07323	1.07323	0.0162404	0.320549	-3.11965	0.143439	1.8377	1.8377	0.266107	1.56596	1.56596	3.23502	7.67535	2.10896	1
cg26359335	0.908146	0.927107	-1.07862	0.21572	0.42553	-2.35001	0.129305	2.92928	2.92928	0.876271	1.10758	1.10758	3.235	22.0318	6.05374	1
cg18002862	0.203493	0.550015	-1.81813	0.0144913	0.261421	-3.82524	0.926857	1.04174	1.04174	0.250056	0.585463	-1.70805	3.23498	10.1632	2.79258	1
cg13438337	0.815148	1.06745	1.06745	0.474611	0.816559	-1.22465	0.553153	1.18199	1.18199	0.256034	0.718604	-1.39159	3.23494	3.97972	1.09354	1
cg20859470	0.877503	1.01801	1.01801	0.0285095	0.741502	-1.34861	0.763669	0.965709	-1.03551	0.482803	1.08604	1.08604	3.23487	0.685997	0.1885	1
cg10816127	?	?	?	0.48552	1.80613	1.80613	0.0662073	5.5783	5.5783	0.366294	2.16898	2.16898	3.28065	32.1381	9.79628	1
cg22105162	0.0911354	0.306531	-3.26231	0.00363884	0.0820944	-12.1811	0.298711	0.504363	-1.9827	0.0836297	0.296205	-3.37604	3.23474	20.6867	5.68459	1
cg02459859	0.159382	1.30585	1.30585	0.0253279	1.60288	1.60288	0.872381	1.02894	1.02894	0.616028	0.914182	-1.09387	3.23474	1.61329	0.443323	1
cg13990672	0.247835	1.2886	1.2886	0.573708	1.12671	1.12671	0.936162	0.983329	-1.01695	0.639647	1.10403	1.10403	3.23473	2.25648	0.620072	1
cg19731268	0.165142	0.659574	-1.51613	0.218148	0.694815	-1.43923	0.170111	0.663188	-1.50787	0.852752	0.949114	-1.05361	3.23472	4.04761	1.11227	1
cg25029561	0.535949	1.3077	1.3077	0.993994	0.996784	-1.00323	0.139489	0.506301	-1.97511	0.802061	0.898071	-1.1135	3.23467	9.3847	2.57892	1
cg11135003	0.353026	0.819539	-1.2202	0.223368	0.766112	-1.30529	0.0162893	1.84367	1.84367	0.0228793	1.76293	1.76293	3.23465	2.22178	0.61055	1
cg03258475	0.788031	1.07801	1.07801	0.128681	0.632721	-1.58048	0.773104	0.922578	-1.08392	0.0320957	0.49666	-2.01345	3.23463	3.98063	1.09389	1
cg11352290	?	?	?	0.89224	1.0494	1.0494	0.619112	1.19516	1.19516	0.366803	1.39072	1.39072	3.2805	5.84467	1.78164	1
cg17700139	0.00150104	0.135988	-7.35358	0.388212	0.680012	-1.47056	0.523701	0.754424	-1.32551	0.596721	0.792266	-1.2622	3.2346	9.74163	2.67706	1
cg00042874	0.742957	0.821436	-1.21738	0.00354465	0.0941858	-10.6173	0.574505	1.40364	1.40364	0.0826683	3.15448	3.15448	3.23451	18.3028	5.02987	1
cg12298905	0.0974775	0.626219	-1.59689	0.826873	1.058	1.058	0.804613	0.938195	-1.06588	0.375408	0.79124	-1.26384	3.23451	3.39384	0.932676	1
cg04325187	0.179846	0.557449	-1.79389	0.222441	0.59096	-1.69216	0.308271	1.54131	1.54131	0.564106	0.787253	-1.27024	3.2345	8.62168	2.36937	1
cg07190715	0.202153	1.1801	1.1801	0.029928	1.36902	1.36902	0.0161617	0.696389	-1.43598	0.460757	0.911793	-1.09674	3.23447	0.774621	0.212879	1
cg09519060	0.422969	0.816424	-1.22485	0.0458737	1.76321	1.76321	0.581277	0.871061	-1.14803	0.0078959	0.429801	-2.32666	3.23444	3.14593	0.864565	1
cg23593537	0.252622	0.693061	-1.44288	0.00616925	2.9923	2.9923	0.49977	0.810434	-1.23391	0.699991	1.12614	1.12614	3.23443	4.8225	1.32532	1
cg01833122	0.70994	0.916917	-1.09061	0.627945	0.892813	-1.12006	0.815314	0.947127	-1.05582	0.553013	1.14951	1.14951	3.23442	2.76112	0.758816	1
cg20248075	0.187091	0.741762	-1.34814	0.0821116	1.50908	1.50908	0.925797	1.0201	1.0201	0.394821	0.830121	-1.20464	3.23442	2.33792	0.642511	1
cg07469926	0.144821	1.69991	1.69991	0.00403558	3.70061	3.70061	0.0232529	2.50673	2.50673	0.328204	1.40766	1.40766	3.23434	5.88021	1.61605	1
cg00584000	0.523675	1.31304	1.31304	0.0349648	2.81666	2.81666	0.0191251	3.3035	3.3035	0.0774669	2.28662	2.28662	3.23429	9.09686	2.50012	1
cg13119284	0.502784	0.908297	-1.10096	0.846045	0.972881	-1.02787	0.890088	1.01975	1.01975	0.191707	1.21588	1.21588	3.23426	1.02459	0.281593	1
cg12728240	0.065076	0.501624	-1.99352	0.24208	0.665107	-1.50352	0.461578	1.28357	1.28357	0.0153634	0.37125	-2.6936	3.23425	5.68279	1.56183	1
cg18598029	0.326297	0.68032	-1.4699	0.00290083	0.210983	-4.73971	0.584167	1.23376	1.23376	0.778002	0.898144	-1.11341	3.23423	7.39958	2.03369	1
cg18344063	0.393335	1.365	1.365	0.922769	0.966082	-1.03511	0.0324981	2.43675	2.43675	0.355982	1.40195	1.40195	3.23422	6.48646	1.78273	1
cg15120477	0.979115	1.01253	1.01253	0.478212	1.40928	1.40928	0.485634	1.40092	1.40092	0.976017	1.01441	1.01441	3.2342	11.597	3.18733	1
cg14461913	0.497346	1.27927	1.27927	0.00295811	0.232618	-4.29889	0.0961965	1.92125	1.92125	0.642761	1.18171	1.18171	3.2342	6.54453	1.7987	1
cg23422170	0.296411	0.643041	-1.55511	0.0177163	0.308426	-3.24227	0.435282	1.38353	1.38353	0.216202	0.588146	-1.70026	3.2342	8.51998	2.34164	1
cg11224946	0.0262844	1.76787	1.76787	0.425214	0.838575	-1.1925	0.821323	0.952272	-1.05012	0.0972353	0.674704	-1.48213	3.23417	2.39414	0.658013	1
cg23874934	0.342708	1.25275	1.25275	0.559048	0.872671	-1.14591	0.586968	1.13478	1.13478	0.126375	0.683048	-1.46403	3.23417	2.72182	0.748074	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-2217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13740698	SHISA3	0.0564415	0.504255	0.809159	-1.15054	0.935167	1.01698	1.01698	0.331864	1.23731	1.23731	0.4620819	1.1942	1.1942	0.0812565	0.6703118	-1.49183	0.0327665	0.506392	-1.67675	0.0116592	0.532843	-1.91996	0.1882387	0.891629	-1.12154	0.08953	1.47309	2.13415	2.19327	0.6028807	1
cg23029546	RUSC2;RUSC1;C1orf104;RUSC1;RUSC1	0.0564422	0.00845492	0.516414	-1.93564	0.7585557	0.678193	1.47451	0.1332663	0.726181	1.37707	0.418228	0.732068	-1.36599	0.50854	0.876499	-1.1409	0.3169463	0.564159	-1.77255	0.0123372	0.540923	-1.84868	0.594132	0.875261	-1.14352	0.4233388	0.851526	-1.17436	1.23415	1.0787	0.5443836	1
cg17388099	HEBP2	0.0564445	0.0720191	0.339208	-2.94805	0.0561123	1.20514	1.20514	0.3137262	1.70344	1.70344	0.12106	1.4045513	-2.47211	0.0549558	0.309833	-3.22754	0.3597951	1.660214	1.660214	0.0378757	1.4495611	-2.86073	0.0898793	0.3654911	-2.73604	0.198498	0.481139	-2.0784	1.23408	1.84665	0.4380577	1
cg19688222	OTOP1	0.0564451	0.0298637	0.483799	-2.06697	0.8498891	1.0553	1.0553	0.5159663	0.4324277	-2.01426	0.0461029	0.5224	-1.91424	0.0286132	0.48014	-2.08273	0.181861	0.668569	-1.49573	0.74089	1.09887	0.197821	0.6792787	-1.47215	0.0335611	0.493009	-2.02466	1.23408	4.13449	1.13637	1
cg15584531	DDC09;DDC9	0.0564457	0.00398675	0.677037	-1.47702	0.268127	0.890265	-1.12326	0.5997411	1.05481	1.05481	0.250789	0.8863202	-1.12854	0.0658356	1.23125	-1.23125	0.611831	0.949735	-1.05293	0.4119603	0.918941	-1.08821	0.7302099	1.03549	1.03549	0.08939391	0.825945	-1.21073	1.23406	0.5202125	0.1429571	1
cg08337959	TNNT3;TNNT3;TNNT3;TNNT3	0.0564461	0.612343	0.890443	-1.12304	0.759632	1.07217	1.07217	0.00144512	0.3515537	-2.84465	0.157237	0.709302	-1.40984	0.2917705	1.28201	1.28201	0.723478	1.08401	1.08401	0.659718	1.10585	1.10585	0.680142	1.09871	1.09871	0.6900032	0.912991	-1.0953	1.23405	2.64106	0.7259031	1
cg05096436	AGAP1;AGAP1	0.0564464	0.0225402	0.218829	-4.56917	0.475803	0.768712	-1.3088	0.3151049	0.6695017	-1.43881	0.0750225	0.48713	-2.05054	0.023407	0.965275	-1.03597	0.805796	0.91452	-1.09347	0.177597	1.16817	0.185893	1.49489	1.49489	0.4612355	0.76178	-1.31272	1.23405	6.7401	1.8526	1
cg14609106	EPHA1	0.0564485	0.780891	0.944615	-1.05863	0.79541	0.948289	-1.05453	0.5137955	1.36863	1.36863	0.68395	1.08723	1.08723	0.626775	0.904718	-1.10532	0.08313	0.675698	-1.47995	0.0142672	0.539261	-1.85439	0.1032219	0.43935	0.4393935	0.0390319	1.629226	1.62626	2.334	0.2385183	0.5387792	1
cg14913909	SMOC2;SMOC2	0.0564495	0.261992	0.713576	-1.40139	0.2239143	0.459557	-2.17601	0.00384202	0.324935	-3.07754	0.216516	0.687144	-1.4553	0.0272315	0.470483	-2.12548	0.330097	0.748286	-1.33639	0.741004	1.10043	1.10043	0.986529	1.00488	1.00488	0.3089001	0.737979	-1.35505	1.23398	4.2633	1.17192	1
cg14053001	PTN4	0.0564501	0.137309	0.694965	-1.4462	0.0402737	0.579129	-1.6273	0.1889357	0.725681	-1.37802	0.0598762	0.6129661	-1.63141	0.0683184	0.524431	-1.90645	0.0207444	1.90003	1.90003	0.381414	1.831051	-1.22993	0.4934478	0.8319795	-1.11933	0.6659511	1.10531	1.10531	1.23396	2.722007	0.7748191	1
cg06443622	CTTNBP2	0.0564513	0.293715	0.52424	-1.90752	0.0140895	0.165829	-6.03032	0.00310189	0.0907886	-11.0146	0.812632	1.155139	1.155139	0.174995	0.425147	-2.35213	0.314628	0.539792	-1.85256	0.163349	0.4413093	-2.41602	0.218224	0.4807	-2.0803	0.776661	1.18369	1.18369	1.23394	18.0073	4.94952	1
cg21218885	AGAP2;AGAP1	0.0564513	0.120046	1.62954	1.62954	0.788473	1.75915	1.75915	0.624734	1.153343	1.153343	1.1554	0.8549273	1.05444	1.05444	0.0388318	2.08403	2.08403	0.221948	1.45026	0.0043716	1.160116	1.160116	1.360116	0.0420371	1.96831	1.96831	0.1260119	1.614497	1.614497	3.23394	4.29376	1.18019	1
cg26924325	ZDHHC11	0.0564516	0.129645	0.710718	-1.40703	0.00758346	1.04679	1.04679	0.513878	1.14806	1.14806	0.03096	0.589592	-1.69609	0.424424	1.18555	-1.18555	0.466633	1.16708	1.16708	0.343719	0.815927	-1.2256	0.366056	0.824129	-1.2134	0.618447	1.1104	1.1104	1.23393	0.222797	0.6123388	1
cg10273210	TRIM59	0.0564531	0.0640373	0.440237	0.40237	0.876852	1.11676	1.11676	0.0676118	0.429763	2.49763	0.0413334	0.34314	0.34314	0.632134	0.709377	-1.40969	0.501174	1.6261	1.6261	0.0942256	0.370684	0.370684	0.0487483	0.142619	0.0700758	0.42119	0.421119	0.23395	25.9734	7.13919	1
cg13904574	CNTFR;CNTFR	0.0564533	0.174117	0.2018	0.12308	0.2541481	1.14861	1.14861	0.1808022	1.08474	1.08474	0.167225	0.9863606	-1.02852	0.0471424	1.13604	-1.13604	0.0211878	2.52404	2.52404	0.0039878	1.64439	1.64439	0.0804083	1.91169	1.91169	0.9301	1.02975	1.02975	1.23389	5.71819	1.57174	1
cg06833613	ABR;ABR	0.0564552	0.0175382	0.25987	-3.84807	0.0437923	0.339477	-2.94571	0.0263881	0.293026	-3.41267	0.607688	0.785523	-1.27304	0.0163897	0.254703	-3.92614	0.599068	0.780887	-1.28059	0.0360102	0.3207566	-3.11754	0.4421353	0.6939956	-1.44101	0.0560142	0.36455	-2.74311	1.23385	11.1314	3.05969	1
cg16370157	EFCAB4A	0.0564566	0.122413	0.726955	-1.37565	0.7.26503	0.975789	-1.02498	0.8.46684	-1.13304	0.614389	0.7955312	10.412	10.412	0.0525993	13.5946	13.5946	0.136478	0.2970921	-4.67018	0.179507	5.41085	5.41085	0.957732	0.938588	-1.06543	0.54861	0.4473335	-2.05197	0.0138732	36.614	36.614	1.23382	71.829	19.7438	1
cg19419146	STK32A;STK32A	0.0564624	0.593742	0.390236	-1.00986	0.975594	1.00362	1.00362	0.732091	1.04138	1.04138	0.917083	1.02236	1.02236	0.00599659	1.52774	1.52774	0.480311	1.08835	1.08835	0.0360158	1.2.0.0223	0.855722	-1.1686	0.646658	0.940991	-1.05598	0.0847726	1.4867	1.4867	1.23369	0.7115555	0.1960235	1
cg19919350	HARS;HARS2;HARS	0.0564648	0.165633	0.760489	-1.31494	0.214626	1.27367	1.27367	0.00570013	1.95686	1.95686	0.20931	1.27766	1.27766	0.912613	0.979878	-1.02054	0.749697	1.06106	1.06106	0.0921271	0.709425	-1.40959	0.813632	1.0447	1.0447	0.149119	0.750912	-1.33171	1.23359	1.75595	0.4826096	1
cg15401523	DPY19L2P2;DPY19L2P2	0.0564686	0.0283109	0.764378	-1.30825	0.6915318	0.836341	-1.19569	0.0165997	0.73814	-1.35476	0.210423	0.8724	-1.14626	0.0425025	0.88822	-1.08822	0.0210519	0.749764	-1.33375	0.458056	0.928754	-1.08158	0.945738	1.11428	1.11428	0.320715	0.898993	-1.11236	1.23355	0.5516001	0.1516133	1
cg17956259	GGTLC1;GGTLC1	0.0564701	0.104648	1.29563	1.29563	0.7915095	1.03943	1.03943	0.476831	1.11141	1.11141	0.290146	0.851874	-1.13788	0.0603175	1.06432	1.06432	0.264047	1.18531	1.18531	0.040449	1.75704	1.75704	0.086491	0.758416	-1.31854	0.411321	0.88455	-1.13052	1.23352	1.09205	0.3002202	1
cg07650252	KCTD8	0.0564705	0.502935	1.09082	1.09082	0.2588233	0.603147	1.15492	0.2.0.0.0	0.7.0.0.0	1.46225	0.0797146	1.29837	1.29837	0.0154466	1.46225	1.46225	0.282612	0.7826	0.7826	0.0.0.0.0	1.22025	0.7.0.0.0	0.7.0.0.0	1.22025	0.7.0.0.0	0.7.0.0.0	1.22025	0.7.0.0.0	0.7.0.0.0	1.23351	0.7.0.0.0	0.7.0.0.0	1
cg06979924	FDPS;FDPS;FDPS	0.0564712	0.0873252	0.292735	-3.41606	0.0844733	0.112071	-8.9229	0.00957059	0.118217	-8.45903	0.909033	0.928312	-1.07722	0.0790541	0.281099	-3.55746	0.168837	0.385145	-2.59642	0.0335364	0.198659	-5.03375	0.404604	0.5740777	-1.74193	0.514144	0.650138	-1.53814	1.2335	21.6911	5.96288	1
cg11845785	LOC150568	0.0564716	0.0262428	0.209265	-4.77863	0.373439	1.71955	1.71955	0.244781	0.489085	-2.04663	0.5107	0.6880048	-1.45339	0.0258394	0.208064	-4.80622	0.0241422	4.9293	4.9293	0.477868	1.534355	1.53435	0.33486	0.554304	-1.80407	0.958918	1.03103	1.03103	1.23349	18.0252	4.95514	1
cg07385274	ZBTB20	0.0564717	0.8962322	1.02074	1.02074	0.5720812	1.914327	1.91437	1.94837	7	1.2811	1.04479	1.04479	0.6826197	0.937382	-1.0668	0.3486237	0.1008102	-1.10018	0.834241	0.9675857	1.1535	1.153507	0.02379579	0.4491467	2.22645	0.997134	0.9994435	-1.00057	0.5599911	0.911464	1.097354	1.23348	2.606	0.3442889	1
cg15127702	EMID2	0.0564574	0.916276	0.954171	-1.04803	0.545263	0.761007	-1.31405	0.015252	0.264667	-3.77833	0.233463	1.74598	1.74598	0.037238	0.340001	-2.94117	0.844551	0.916146	-1.09153	0.523672	0.74952	-1.33419	0.00957081	0.23138	-4.32189	0.480576	1.37697	1.37697	1.23343	10.1926	2.80201	1
cg26774312	CAV2;CAV2;CAV2;CAV2	0.0564749	0.052539	0.567318	-1.76324	0.0161063	0.468684	-2.13304	0.014389	0.2.0.0.0	1.68183	0.0.0.0.0	0.6168307	-1.98779	0.4498168	0.2.0.0.0	1.61676	0.2470331	0.732351	-1.36547	0.0063958	0.40511	-2.46847	0.3809556	0.68338	-1.181	0.489653	0.83333	1.2	1.42841	3.9915	0.9323347	1
cg13808461	MANSC1	0.0564759	0.653209	0.97948	1.07948	0.119584	1.75128	-1.3308	0.01463321	0.6015	-1.66251	0.106557	1.34715	1.34715	0.174204	0.781147	-1.28017	0.250569	1.2251	1.2251	0.0529262	0.688361	-1.45061	0.607055	0.916016	-1.09168	0.0804278	1.72024	-1.38807	1.23339	1.46436	0.4025666	1
cg05695106	RASA1	0.0564761	0.043718	3.05447	3.05447	0.303736	0.598683	-1.67033	0.43081	1.47293	1.47293	0.0538392	2.87005	2.87005	0.187432	0.51024	-1.95986	0.78668	1.13956	1.13956	0.1256	2.22182	2.22182	0.016471	4.01668	4.01668	0.0553306	2.84669	2.84669	1.23339	11.8786	3.26553	1
cg18180004	HLA-DOB2	0.0564771	0.447728	0.145181	-6.88665	0.1.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.655579	1.52713	1.52713	0.1.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	1
cg23643526	HAO2;HAO2	0.0564773	0.975195	0.989593	-1.01052	0.0237552	0.403279	-2.47967	0.963126	1.01568	1.01568	0.0166325	0.3781283	-2.64501	0.0991353	0.328165	-3.04725	0.841954	1.06948	1.06948	0.813257	1.08288	1.08288	0.908382	0.962005	-1.0395	0.0759499	0.514517	-1.94357	1.23336	5.79767	1.59385	1
cg26296514	ZNF607;ZNF607	0.0564775	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.353657	0.898955	-1.11277	0.3222398	0.8.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	1
cg17320237	PAIP2B PAIP2A;RPS24;RPS24;RPS24;RPS24;RPS2	0.0564787	0.316976	1.25546	1.25546	0.208129	1.33891	1.33891	0.0221027	1.82853	1.82853	0.822382	1.05069	1.05069	0.0941566	1.49895	1.49895	0.0100761	1.489626	-2.04237	0.321737	1.25248	1.25248	0.801624	1.05692	1.05692	0.254669	1.29895	1.29895	1.23333	2.47659	0.6808051	1
cg05838627	4	0.0564801	0.00649902	0.25701	2.55701	0.0779318	1.68189	1.68189	0.162445	1.47965	1.47965	0.192231	1.44246	1.44246	0.922915	1.02602	1.02602	0.523499	1.18721	1.18721	0.130231	1.54218	1.54218	0.005721	2.56159	2.6159	0.285105	1.3427	1.3427	1.2333	3.60739	0.991735	1
cg05657805	ZNF642	0.0564839	0.947219	0.981326	-1.01903	0.176609	1.50531	1.50531	0.0357204	2.00548	2.00548	0.810491	0.933887	-1.07079	0.951343	1.01753	1.01753	0.0729508	0.565813	-1.76737	0.00693751	0.360828	-2.70396	0.853415	0.9487	-1.05407	0.4048555	0.784529	-1.27465	1.23321	4.15138	1.14132	1
cg08857095	TBX15	0.0564903	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.258109	3.87433	0.0153619	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.158836	0.640072	-1.85161	0.0258753	0.902724	-1.10872	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	1
cg01244128	PDPK1;LOC652276;PDPK1	0.0564872	0.222051	0.556137	-1.79812	0.1020777	2.26614	-2.26614	0.284837	0.601751	-1.66182	0.229414	1.77995	1.77995	0.07904	0.319673	-2.5206	0.15124	0.495042	-2.02003	0.0100603	0.226488	-4.41525	0.564434	0.766279	-1.30501	0.0802837	0.411857	-2.42803	1.23314	10.7032	2.94264	1
cg01494593	ACOXL;ACOXL;ACOXL	0.0564878	0.486263	1.22183	1.22183	0.0178171	0.442306	-2.26088	0.135629	0.634156	-1.5769	0.71021	1.11149	1.11149	0.771552	1.08594	1.08594	0.0953446	0.595162	-1.68022	0.0121888	0.242198	0.242198	0.679854	0.88013	-1.1247	0.9279757	0.974715	-1.02594	1.23313	4.1066	1.12904	1
cg22077389	EIF2AK4	0.0564887	7	7	7	7	1.03189	1.73797	0.701911	1.0.0.0.0	1.761	0.7.0.0.0	1.761	1.761	0.1.0.0.0	1.761	1.761	0.670122	1.19796	1.19796	0.0.0.0.0	1.761	1.761	0.8588302	1.761	1.761	0.1.0.0.0	1.761	1.761	1.23307	0.7.0.0.0	0.7.0.0.0	1
cg24009722	INHBB	0.0564892	0.0625331	0.229739	-4.35276	0.0623833	0.229449	-4.35731	0.780871	0.768091	-1.30205	0.894635	0.268779	-3.73053	0.0206078	0.141335	-7.0754	0.289554	0.46238	-2.16272	0.0303566	0.167614	-5.96608	0.0307245	0.168501	-5.93469	0.0142436	0.119858	-8.34324	1.2331	25.2117	6.93157	1
cg16178479	SKI	0.0564898	0.2727354	1.1291	1.1291	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.43072	0.7.0.0.0	0.43072	0.43072	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.2140094	0.746436	1.34007	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	1
cg20567721	ENPNC16orf61	0.0564906	0.619453	0.944442	-1.05883	0.0370263	1.34839	1.34839	0.994592	0.999237	-1.00077	0.4100237	0.908288	-1.10097	0.798587	0.971227	-1.02963	0.158717	0.841976	-1.18768	0.320057	1.12447	1.12447	0.282103	0.880188	-1.13612	0.00633074	1.50261	1.50061	1.23307	0.6674946	0.183519	1
cg14473145	CLEC14A	0.0564913	0.918408	1.04353	1.04353	0.170203	1.83579	1.83579	0.190282	0.561678	-1.78038	0.110687	0.485391	-2.06019	0.757194	1.16423	1.16423	0.352252	1.48897	1.48897	0.0398188	2.6866	2.6866	0.0094795	0.256375	-3.91581	0.765656	0.839905	-1.19061	1.23305	8.85518	2.43463	1
cg23954193	STX6	0.0564917	0.0372706	0.72525	-1.37884	0.543869	1.08551	1.08551	0.0852495	1.28766	1.28766	0.810484	0.968582	-1.03244	0.0349499	0.721405	-1.38618	0.0520053	0.745468	-1.34144	0.136131	0.807842	-1.23787	0.241925	1.17674	1.17674	0.1687307	0.82294	-1.21516	1.23304	0.9040604	0.248562	1
cg07933720	SHROOM3	0.0564928	0.0248414	0.235514	-4.24605	0.0158736	0.450685	-2.21946	0.0026453	0.245495	-4.07226	0.0225613	0.245495	-4.41511	0.057745	0.301365	-3.31822	0.100526	0.401385	-2.49137	0.0996024	0.352761	-2.83479	0.2988899	0.54719	-1.82755	0.2098393	0.54719	-1.82755	1.23303	16.011	4.39934	1
cg08964929	OTOA;OTOA	0.0564939	0.638307	1.34127	1.34127	0.0816986	0.122562	-8.15915	0.0264314	0.195499	-5.1151	0.329696	0.535902	-1.86601	0.298528	0.512607	-1.95081	0.743872	1.22546	1.22546	0.0285629	0.201472	-4.96347	0.0563766	0.261891	-3.81838	0.120358	0.351756	-2.84288	1.23299	19.6915	5.14104	1
cg05554891	FAM186A	0.0564944	0.60294	1.66222	1.66222	0.0.0.0.0	1.133251	1.33251	0.4720272	0.894715	-1.11768	0.0449755	0.703227	-1.42202	0.0861425	0.600778	-1.66551	0.0627247	1.50298	1.50298	0.132846	1.37095	1.37095	0.0858165	0.6001161	1.4498	0.1373	1.36602	1.36602	1.23296	0.9382	0.2329206	1
cg07329140	NDUFB3;FAM126B	0.0564969	0.562016	1.3113	1.3113	0.0143156	0.43952	-2.03952	0.0266116	3.3694	3.3694	0.40308	0.673308	-1.48521	0.181205	0.518821	-1.92745	0.082558	0.411124	-2.43236	0.207189	0.540695	-1.84947	0.872722	0.928566	-1.07693	0.897726	1.06125	1.06125	1.23292	10.9419	3.00846	1
cg03444914	TRIM25	0.0564998	0.0255108	1.1761	1.1761	0.4369	1.24522	1.24522	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.0785833	2.42955	2.42955	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	1
cg00873678	CCDC88C	0.0564984	0.121472	1.84464	1.84464	0.861024	0.938094	-1.06599	0.363428	0.711321	-1.40583	0.494247	0.776351	-1.28808	0.0762638	0.205301	2.05301	0.0875235	1.98948	1.98948	0.00532857	1.81472	1.81472	0.152163	1.74964	1.74964	0.0838415	2.00912	2.00912	1.23289	6.80969	1.87234	1
cg15087129	CDL6A2;CDL6A2;CDL6A2	0.0565017	0.96334	0.944077	-1.05939	0.0969774	1.56991	1.56991	0.731361	0.954438	-1.04755	0.648427	1.05366	1.05366	0.0147553	1.34212	1.34212	0.0629649	1.31042	1.31042	0.0138328	1.0861098	-1.01409	0.0505812	0.76588	-1.30569	0.885134	0.981491	-1.01886	1.23282	0.89321	0.2351147	1
cg14919130	LAMA2;LAMA2	0.0565023	0.108605	0.731906	-1.3663	0.00183426	0.454166	-2.20184	0.545354	1.11532	1.11532	0.890933	0.97583	-1.02477	0.588143	0.9071	-1.10241	0.838007	0.964152	-1.03718	0.349005	1.1876	1.1876	0.276308	1.22378	0.923672	0.10724	1.01724	1.23279	1.62827	0.447708	1
cg05465572	FRK;LOC728402	0.0565039	0.228531	0.511301	-1.9558	0.474879	1.47065	1.47065	0.0720036	0.3444	-2.9036	0.101711	0.386376	-2.58815	0.061103	0.326213	-3.06548	0.529506	1.40227	1.40227	0.00401889	0.128552	-7.77893	0.847456	0.902831	-1.10763	0.122867	0.411777	-2.4285	1.23277	14.4244	3.96617	1
cg05908265	SNAI1	0.0565051	0.577147	1.09407	1.09407	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.041257	0.688796	-1.45181	0.0814351	0.197148	-5.07017	0.0294202	0.557731	-1.79288	0.153771	0.523459	0.8205	-1.21877	0.2247	1.22841	0.3535095	1
cg08198280	TFF3	0.0565054	0.225045	1.36858	0.3031389	0.3679986	-2.7028	0.30436	0.769687	-1.29923	0.647486	1.12004	1.12004	0.765907	0.929116	-1.07629	0.099174	0.640766	-1.56063	0.121628	1.51167	0.577954	0.93325	-1.07152	0.634623	0.888798	-1.12512	1.23274	3.1044	0.853602	1
cg10334121	CLDN18;CLDN18	0.0565064	0.361556	0.893491	-1.12	0.6.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.32803	0.742452	-1.34642	0.0.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	0.7.0.0.0	1
cg16982007	FKTN;FKTN	0.0565071	0.0676722	0.882049	-1.13372	0.280213	1.07125	1.07125	0.0570144	1.14116	1.14116	0.643461	1.02899	1.02899	0.0947898	1.11916	1.11916	0.507713	0.959632	-1.04207	0.569255	1.0359	1.0359	0.281361	1.07106	1.07106	0.0064815	1.24234	1.24234	1.23263	2.192477	0.052926	1
cg05721093	AMOTL1	0.0565104	0.074098	0.54289	-1.84199	0.0437649	0.490994	-2.03668	0.0471934	0.498103	-2.00762	0.569337	0.838201	-1.19303	0.0119414	0.381859	-2.61877	0.24012	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19033615	CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0565655	0.845813	1.04416	1.04416	0.0338451	0.57701	-1.73307	0.094825	0.665338	-1.503	0.53374	0.869456	-1.15014	0.610173	0.89215	-1.12089	0.222478	0.752353	-1.32916	0.0135462	1.97029	1.97029	0.213512	1.33741	1.33741	0.21228	1.33856	1.33856	3.23141	2.52109	0.693497	1
cg03042478	NOBOX	0.0565679	0.0126688	0.179276	-5.57799	0.0883114	0.352345	-2.83813	0.281472	0.537463	-1.86059	0.649829	1.28857	1.28857	0.0113727	0.172469	-5.79814	0.536581	0.706719	-1.41499	0.0199084	0.21038	-4.75331	0.876215	1.09032	1.09032	0.247602	0.511438	-1.95527	3.23135	15.7467	4.33164	1
cg17643624	CARKD	0.0565687	0.0374427	0.36504	-2.73942	0.505326	1.32589	1.32589	0.66475	0.833628	-1.19958	0.109528	0.4828	-2.07125	0.164624	0.538617	-1.85661	0.037054	0.364053	-2.74685	0.00433227	0.203663	-4.91007	0.722834	0.861896	-1.16023	0.131971	0.507361	-1.97098	3.23133	8.91345	2.45195	1
cg06122921	DIP2C	0.0565688	0.103319	0.691423	-1.44629	0.0852576	1.48297	1.48297	0.0180171	0.551501	-1.81323	0.34658	1.22231	1.22231	0.119484	0.704761	-1.41892	0.195584	1.32774	1.32774	0.053068	0.634298	-1.57655	0.987292	1.0033	1.0033	0.549178	0.882035	-1.13374	3.23133	2.19512	0.603844	1
cg25106461	PACS2;PACS2	0.056571	0.315312	0.871307	-1.1477	0.678043	1.05695	1.05695	0.0189933	1.45764	1.45764	0.380422	0.887475	-1.12679	0.232465	0.846931	-1.18073	0.208839	0.838803	-1.19217	0.0116164	0.657985	-1.51979	0.229394	0.845911	-1.18216	0.369655	1.13003	1.13003	3.23128	0.900924	0.247834	1
cg26619035	STEAP4	0.0565719	0.176215	0.776812	-1.28731	0.0460271	0.669252	-1.4942	?	?	?	0.78892	1.04826	1.04826	0.945395	1.0121	1.0121	0.367722	1.17646	1.17646	0.0497913	1.48145	1.48145	0.407845	0.861826	-1.16033	0.0140115	0.586918	-1.70382	3.27705	1.42321	0.434296	1
cg00253346	TNFRSF13C	0.0565727	0.249903	0.72855	-1.37259	0.98516	0.995113	-1.00491	0.982522	1.00579	1.00579	0.640172	0.883379	-1.13202	0.00087977	0.268904	-3.7188	0.823556	1.06058	1.06058	0.228331	0.716757	-1.39517	0.795227	0.933792	-1.0709	0.477265	0.826689	-1.20964	3.23125	3.55008	0.976597	1
cg13853953	THAP4;THAP4	0.0565732	0.448072	0.738619	-1.35388	0.276668	1.55797	1.55797	0.984094	0.992219	-1.00784	0.228496	0.609403	-1.64095	0.0521776	0.420856	-2.37611	0.164345	0.559104	-1.78858	0.201539	0.589483	-1.6964	0.418034	1.38305	1.38305	0.00320123	0.206621	-4.83978	3.23123	7.85831	2.16176	1
cg16272030	TTC26;TTC26;TTC26	0.0565735	0.178447	0.495095	-2.01981	0.183585	0.499686	-2.00126	0.449948	0.684843	-1.46019	0.0968561	0.408121	-2.45026	0.00965736	0.199801	-5.00497	0.033344	0.294374	-3.39703	0.159421	0.477406	-2.09465	0.118319	2.30216	2.30216	0.0736384	0.375063	-2.66622	3.23123	12.3747	3.4042	1
cg12528649	CHRM4	0.0565759	0.423582	0.720689	-1.38756	0.0756398	0.452704	-2.20895	0.449607	0.734352	-1.36174	0.0871888	0.469129	-2.13161	0.00301003	0.195902	-5.10459	0.111909	0.49969	-2.00124	0.217286	0.594393	-1.68239	0.395888	0.705788	-1.41686	0.0156704	0.305084	-3.27778	3.23118	8.21915	2.26107	1
cg05922057	ZZEF1;CYB5D2;CYB5D2;CYB5D2	0.0565779	0.248302	0.853015	-1.17231	0.164586	0.82257	-1.2157	0.0275016	0.709333	-1.40978	0.819194	1.03062	1.03062	0.145605	1.22854	1.22854	0.459861	0.90563	-1.1042	0.0626111	0.758805	-1.31786	0.144527	0.81346	-1.22932	0.0365637	1.37717	1.37717	3.23113	0.887974	0.244283	1
cg25512439	CNTN4	0.0565803	0.879606	0.964011	-1.03733	0.190654	1.39809	1.39809	0.0106669	2.17332	2.17332	0.0248096	1.90801	1.90801	0.584128	0.874881	-1.14301	0.912147	0.973664	-1.02705	0.312977	0.776954	-1.28708	0.117097	0.662557	-1.50931	0.14589	1.45869	1.45869	3.23108	2.99239	0.823226	1
cg12958966	CCDC70	0.0565806	0.344951	0.873088	-1.14536	0.154998	1.23657	1.23657	0.552241	1.08752	1.08752	0.0112336	0.641988	-1.55766	0.779158	0.961536	-1.04	0.271634	1.17312	1.17312	0.0123964	1.54387	1.54387	0.913584	1.01526	1.01526	0.760469	1.04359	1.04359	3.23107	0.99616	0.27405	1
cg24256745	PRDM16;PRDM16	0.0565814	0.645443	1.10122	1.10122	0.120502	1.41974	1.41974	0.234723	0.771659	-1.29591	0.338667	1.22784	1.22784	0.0604433	0.643634	-1.55368	0.0580046	1.56198	1.56198	0.0160729	1.84619	1.84619	0.0763096	1.50743	1.50743	0.461646	1.16878	1.16878	3.23105	2.21635	0.609735	1
cg16520815	MGRN1;MGRN1;MGRN1;MGRN1	0.0565815	0.036412	3.34087	3.34087	0.106027	2.40021	2.40021	0.517526	1.38461	1.38461	0.26032	1.79018	1.79018	0.718962	0.835921	-1.19629	0.786824	1.1439	1.1439	0.00771421	5.46117	5.46117	0.00972258	5.06364	5.06364	0.165264	2.08355	2.08355	3.23105	12.5876	3.46296	1
cg10191494	MCAM	0.0565832	0.0363507	0.406723	-2.45867	0.202972	0.608405	-1.64364	0.0465299	0.43046	-2.3231	0.0641347	0.463388	-2.15802	0.0726703	0.476919	-2.09679	0.203002	0.608427	-1.64358	0.00337384	0.228969	-4.36739	0.851756	0.933168	-1.07162	0.417481	0.736122	-1.35847	3.23101	6.99555	1.92456	1
cg18035301	MAP3K8	0.0565833	0.0535609	0.803764	-1.24415	0.662417	0.957172	-1.04474	0.0452872	1.25713	1.25713	0.254762	0.888266	-1.12579	0.0830015	1.21077	1.21077	0.148754	1.16685	1.16685	0.0429891	1.26119	1.26119	0.152306	1.16507	1.16507	0.490889	0.932652	-1.07221	3.23101	0.508063	0.139774	1
cg01611273	HAUS2;HAUS2	0.056584	0.886509	1.03558	1.03558	0.225929	0.732507	-1.36517	0.104109	0.647278	-1.54493	0.870444	0.960831	-1.04077	0.0276384	0.528635	-1.89166	0.998981	0.999687	-1.00031	0.00693354	2.35208	2.35208	0.365219	1.25577	1.25577	0.978604	0.993457	-1.00659	3.231	3.06648	0.843628	1
cg10201388	RPGRIP1L;FTO;RPGRIP1L;RPGRIP1L;RPGRIP1L	0.0565856	0.0323253	0.609363	-1.64106	0.525885	0.880704	-1.13546	0.775035	0.94494	-1.05827	0.779908	1.05693	1.05693	0.454279	1.16259	1.16259	0.041919	0.62915	-1.58945	0.00759883	0.507376	-1.97092	0.557931	0.889483	-1.12425	0.148176	1.35877	1.35877	3.23096	1.99893	0.549937	1
cg18620542	HRNBP3	0.0565869	0.832871	1.21119	1.21119	0.220151	0.31069	-3.21865	0.761977	1.31712	1.31712	0.939587	1.07114	1.07114	0.104219	0.199771	-5.00572	0.436605	0.486943	-2.05363	0.00232744	0.0211665	-47.2444	0.117446	4.67316	4.67316	0.633364	0.646789	-1.5461	3.23093	42.0714	11.5746	1
cg10519299	LAMC2;LAMC2	0.0565875	0.497861	1.21951	1.21951	0.418231	0.787782	-1.26939	0.166974	0.65386	-1.52938	0.387964	0.774793	-1.29067	0.137328	0.630357	-1.5864	0.124565	0.619083	-1.61529	0.110123	0.605232	-1.65226	0.829556	1.06414	1.06414	0.00180171	0.278002	-3.59709	3.23092	4.25511	1.17066	1
cg18327669	SSTR1	0.0565915	0.0826087	0.47663	-2.09807	0.0558889	0.433928	-2.30453	0.314475	0.669678	-1.49325	0.687034	0.855459	-1.16896	0.0101126	0.286286	-3.49301	0.687573	0.855705	-1.16863	0.00597115	0.250218	-3.99651	0.82786	1.08757	1.08757	0.156251	0.557313	-1.79433	3.23083	7.60271	2.09171	1
cg01599189	NBPF1	0.056594	0.290667	0.91491	-1.093	0.692283	0.968256	-1.03278	0.134358	1.13988	1.13988	0.15877	0.885011	-1.12993	0.624978	1.04076	1.04076	0.698419	1.03208	1.03208	0.158994	1.12985	1.12985	0.00687834	0.752931	-1.32814	0.0910223	1.16296	1.16296	3.23077	0.336524	0.0925884	1
cg16634404	COL11A2;RXRB;COL11A2;COL11A2;COL11A2	0.0565949	0.235022	1.26563	1.26563	0.333727	1.20768	1.20768	0.225479	1.27243	1.27243	0.005613	1.99006	1.99006	0.606612	1.1033	1.1033	0.0982423	0.70947	-1.4095	0.515721	0.882733	-1.13285	0.491268	1.14147	1.14147	0.0281478	1.63344	1.63344	3.23075	1.83289	0.504289	1
cg26406074	NBEA	0.0565971	0.0727218	5.25898	5.25898	0.549347	0.605143	-1.6525	0.025975	8.94629	8.94629	0.142354	0.270472	-3.69724	0.206705	3.01665	3.01665	0.86005	0.863882	-1.15757	0.0798115	0.199536	-5.01162	0.148139	0.276313	-3.61909	0.115241	4.1364	4.1364	3.23071	35.1732	9.67747	1
cg04500185	LOC100128023	0.0565973	0.0643161	1.67534	1.67534	0.020039	2.02351	2.02351	0.925438	0.97744	-1.02308	0.660774	0.897854	-1.11377	0.0200952	0.49442	-2.02257	0.0647492	1.67355	1.67355	0.46671	1.19844	1.19844	0.500293	0.846071	-1.18193	0.700637	1.09882	1.09882	3.49343	3.21822	0.716505	1
cg04359915	CPN1	0.0565974	0.562672	1.21195	1.21195	0.721383	0.88904	-1.12481	0.127508	1.71818	1.71818	0.642304	1.16607	1.16607	0.619634	1.17863	1.17863	0.00603066	0.307793	-3.24894	0.0489715	0.477901	-2.09249	0.208348	1.54599	1.54599	0.280005	1.44609	1.44609	3.2307	5.51998	1.51876	1
cg03945034	CAMTA1	0.0565995	0.498089	0.853604	-1.1715	0.617969	1.12253	1.12253	0.00544188	0.415612	-2.40609	0.0589733	0.607089	-1.6472	0.0166493	0.500022	-1.99991	0.238345	0.751564	-1.33056	0.236291	0.75052	-1.33241	0.0393171	0.571083	-1.75106	0.187481	0.723518	-1.38214	3.49337	2.85538	0.635732	1
cg18908017	DGKZ	0.0566004	0.828614	1.03328	1.03328	0.93032	1.01329	1.01329	0.674248	1.06591	1.06591	0.600885	0.923395	-1.08296	0.583433	1.08722	1.08722	0.243376	1.20239	1.20239	0.00203245	1.9288	1.9288	0.138314	0.785893	-1.27244	0.244095	0.83193	-1.20202	3.23063	1.16651	0.320959	1
cg25871713	ITGA9	0.0566028	0.0126911	0.205771	-4.85976	0.132223	0.43639	-2.29153	0.0499105	0.319389	-3.13098	0.0420128	0.302419	-3.30667	0.0260953	0.2599	-3.84763	0.43189	0.66404	-1.50593	0.0256297	0.258408	-3.86985	0.0809415	0.372426	-2.6851	0.0605107	0.339499	-2.94552	3.23058	13.329	3.66745	1
cg09139509	RPTOR;RPTOR	0.0566029	0.588778	0.878828	-1.13788	0.461946	1.1939	1.1939	0.419029	0.8225	-1.21581	0.164247	1.4208	1.4208	0.017683	0.505187	-1.97946	0.0116339	0.474097	-2.10927	0.501448	0.850899	-1.17523	0.0486836	0.586927	-1.70379	0.171715	0.708702	-1.41103	3.23058	2.86548	0.788432	1
cg19705676	SAMM50;SAMM50	0.0566036	0.10171	0.667217	-1.49876	0.264807	0.769142	-1.30015	0.31117	1.267	1.267	0.382149	1.22437	1.22437	0.433423	0.834823	-1.19786	0.716277	1.08593	1.08593	0.0355667	0.57546	-1.73774	0.0112327	2.04912	2.04912	0.276458	1.29132	1.29132	3.23056	2.60982	0.718092	1
cg26938599	ENKUR	0.0566053	0.909705	0.9573	-1.0446	0.293704	1.52037	1.52037	0.134454	1.86038	1.86038	0.985631	0.993097	-1.00695	0.00310704	0.210988	-4.7396	0.301616	1.50931	1.50931	0.63419	1.20248	1.20248	0.121123	1.90885	1.90885	0.58978	0.811098	-1.2329	3.23053	7.56994	2.08289	1
cg04742624	PIP5K1C	0.0566056	0.785409	0.958303	-1.04351	0.912378	0.982969	-1.01733	0.312238	1.17719	1.17719	0.356438	1.15954	1.15954	0.224147	1.22053	1.22053	0.0106234	1.65098	1.65098	0.0279135	1.49992	1.49992	0.509328	0.900807	-1.11012	0.0466317	0.700785	-1.42697	3.23052	1.24603	0.342851	1
cg03558682	UFM1	0.0566103	0.0672115	1.62297	1.62297	0.0270305	0.538987	-1.85533	0.0144429	0.490824	-2.03739	0.657776	0.900096	-1.11099	0.257231	0.756427	-1.32201	0.127116	0.677382	-1.47627	0.952348	0.98599	-1.01421	0.194852	1.38229	1.38229	0.596507	0.881489	-1.13444	3.23041	2.85165	0.784668	1
cg04918708	SOX13	0.0566109	0.0971801	0.508384	-1.96702	0.280254	1.51759	1.51759	0.167445	0.578766	-1.72781	0.417235	1.36084	1.36084	0.00337152	0.227204	-4.40134	0.271878	1.52968	1.52968	0.868989	1.06327	1.06327	0.479301	1.3064	1.3064	0.686251	0.859917	-1.1629	3.2304	7.06617	1.94435	1
cg02692052	TNFRSF10A	0.0566124	0.0636842	3.23805	3.23805	0.0270724	4.37076	4.37076	0.255244	1.95314	1.95314	0.540766	1.41763	1.41763	0.0207791	4.80008	4.80008	0.351299	1.71712	1.71712	0.00796953	6.80065	6.80065	0.0292681	4.25227	4.25227	0.653009	1.29054	1.29054	3.23037	16.2515	4.47186	1
cg06008571	CUL5	0.0566132	0.271931	0.586236	-1.7058	0.134128	2.12628	2.12628	0.23642	1.78483	1.78483	0.279181	1.69112	1.69112	0.00544146	0.181277	-5.51643	0.407065	0.67298	-1.48593	0.162808	0.49871	-2.00518	0.210879	1.85076	1.85076	0.979628	0.988147	-1.012	3.23035	11.1564	3.06989	1
cg05026393	MTSS1	0.0566133	0.704564	0.884429	-1.13067	0.0467393	0.47995	-2.08355	0.0149202	0.380933	-2.62513	0.479379	0.793091	-1.26089	0.530858	0.814919	-1.22712	0.212923	1.5264	1.5264	0.185697	0.636094	-1.57209	0.0953726	1.80525	1.80525	0.111032	1.75018	1.75018	3.23035	5.31767	1.46325	1
cg26011105	HECW1	0.0566141	0.92632	0.979449	-1.02098	0.033337	1.74775	1.74775	0.343624	1.24485	1.24485	0.0205188	0.5344	-1.87126	0.999503	0.99986	-1.00014	0.943124	1.01615	1.01615	0.0163032	1.93354	1.93354	0.865339	1.03884	1.03884	0.135907	1.43442	1.43442	3.23033	2.57847	0.709516	1
cg00631482	RAP1GAP;RAP1GAP;RAP1GAP	0.0566144	0.113205	8.24024	8.24024	0.042507	17.4245	17.4245	0.0962055	9.34605	9.34605	0.063256	12.8811	12.8811	0.103388	8.84072	8.84072	0.0727436	11.5797	11.5797	0.00685038	72.5722	72.5722	0.0498393	15.4403	15.4403	0.0332232	21.0182	21.0182	3.23032	76.582	21.0731	1
cg11680212	CAMTA1	0.0566152	0.122457	0.576796	-1.73371	0.00782711	0.32558	-3.07144	0.00426126	0.284423	-3.51589	0.439716	0.771768	-1.29573	0.724826	0.890304	-1.12321	0.191196	0.634471	-1.57612	0.144103	0.596968	-1.67513	0.283381	0.693211	-1.44256	0.102315	0.555557	-1.79999	3.23031	5.52953	1.52157	1
cg10372701	PCOLCE2	0.0566185	0.825772	0.96979	-1.03115	0.18039	0.820432	-1.21887	0.266361	0.851173	-1.17485	0.848857	0.973802	-1.0269	0.0192244	0.674287	-1.48305	0.183666	0.821792	-1.21685	0.0108639	1.56049	1.56049	0.155249	0.809274	-1.23568	0.345106	0.873452	-1.14488	3.23023	0.990466	0.272554	1
cg19294196	FAM178A;FAM178A;FAM178A	0.056619	0.378395	1.75798	1.75798	0.382458	1.74915	1.74915	0.294455	1.97149	1.97149	0.0399709	0.227175	-4.40189	0.531244	1.48574	1.48574	0.201786	0.431097	-2.31966	?	?	?	0.0121786	0.142238	-7.03046	?	?	?	3.33303	15.9995	5.48605	1
cg02457461	MSRA;MSRA	0.0566209	0.0346257	0.395649	-2.5275	0.242756	1.58428	1.58428	0.0610014	2.21396	2.21396	0.671031	0.851452	-1.17446	0.0728666	0.470894	-2.12362	0.832045	0.923172	-1.08322	0.106448	0.515024	-1.94166	0.0820131	2.06537	2.06537	0.181202	0.586076	-1.70626	3.23018	7.24817	1.99457	1
cg16237595	RNF41;RNF41;RNF41;RNF41	0.0566209	0.476736	1.39873	1.39873	0.310265	0.614503	-1.62733	0.525638	1.34754	1.34754	0.0567509	0.367835	-2.71861	0.937109	0.964062	-1.03728	0.207347	0.539736	-1.85276	0.00801231	4.83495	4.83495	0.206167	1.85606	1.85606	0.0932904	2.3542	2.3542	3.23018	11.0043	3.02819	1
cg09920555	C11orf70	0.0566214	0.0104314	0.313988	-3.18484	0.307807	1.46115	1.46115	0.732698	0.884125	-1.13106	0.0135544	0.333692	-2.99677	0.225044	0.632697	-1.58053	0.329165	0.696435	-1.43588	0.103454	0.527417	-1.89603	0.0305369	0.401286	-2.49199	0.348267	0.70687	-1.41469	3.23017	6.6021	1.81679	1
cg11025960	GRM2;GRM2	0.0566231	0.41419	0.801178	-1.24816	0.661924	0.889722	-1.12395	0.48816	1.20567	1.20567	0.138366	0.654624	-1.5276	0.753134	0.919625	-1.0874	0.00393513	0.356909	-2.80183	0.140205	1.52415	1.52415	0.0352095	0.5213	-1.91828	0.543851	0.849455	-1.17722	3.23013	3.60796	0.992862	1
cg12953705	ICAM5	0.0566237	0.0924435	0.619403	-1.61446	0.261416	0.738645	-1.35383	0.236744	0.725675	-1.37803	0.563611	0.859834	-1.16301	0.0111869	0.439409	-2.27578	0.107994	0.635325	-1.574	0.0253434	1.98895	1.98895	0.761074	1.08208	1.08208	0.87755	1.04069	1.04069	3.23012	3.42276	0.941903	1
cg23218533	ZNF234;ZNF234	0.0566243	0.0032132	0.469278	-2.13093	0.380846	0.844418	-1.18425	0.675786	1.08234	1.08234	0.741773	0.939687	-1.06418	0.679156	0.924734	-1.08139	0.174168	0.761877	-1.31255	0.0121763	0.55556	-1.79999	0.229628	0.788875	-1.26763	0.739303	1.06485	1.06485	3.2301	1.81068	0.498279	1
cg19655006	SLC25A12	0.0566249	0.583526	0.881074	-1.13498	0.0367094	1.74197	1.74197	0.103723	1.50213	1.50213	0.461078	1.1872	1.1872	0.414517	0.826344	-1.21015	0.463971	1.18584	1.18584	0.00730175	0.45334	-2.20585	0.73886	0.926345	-1.07951	0.265787	0.767066	-1.30367	3.23009	2.67531	0.736219	1
cg24296036	RIMBP2	0.0566255	0.752731	0.922131	-1.08444	0.307488	0.76264	-1.31123	0.178117	1.44343	1.44343	0.787319	0.932987	-1.07183	0.00127736	0.299712	-3.33654	0.810377	1.0636	1.0636	0.979466	0.99342	-1.00662	0.335254	0.775005	-1.29031	0.604273	0.874493	-1.14352	3.23008	3.36588	0.926261	1
cg03669198	KIFC1	0.0566258	0.174505	0.790254	-1.26542	0.00177948	0.484322	-2.06474	0.0439393	0.685678	-1.45841	0.983607	1.00335	1.00335	0.625261	0.92291	-1.08353	0.966617	1.00684	1.00684	0.469413	1.12745	1.12745	0.364255	0.859029	-1.1641	0.304674	0.840931	-1.18916	3.23007	1.35887	0.373949	1
cg04964966	SETD3;SETD3;SETD3;CCNK;CCNK;SETD3	0.0566268	0.156785	1.73349	1.73349	0.989042	1.005	1.005	0.0747026	2.05683	2.05683	0.794645	1.09939	1.09939	0.0494226	0.442856	-2.25807	0.610335	1.20525	1.20525	0.0065082	0.276771	-3.61309	0.681228	1.16188	1.16188	0.494407	0.7772	-1.28667	3.23005	6.75024	1.85762	1
cg10069238	TRIO	0.0566269	0.0261533	2.03706	2.03706	0.0257273	2.04272	2.04272	0.466972	1.22091	1.22091	0.131932	1.55034	1.55034	0.0308902	1.98069	1.98069	0.248681	1.38424	1.38424	0.319851	1.31942	1.31942	0.0075591	2.52601	2.52601	0.055061	1.79777	1.79777	3.23005	3.71975	1.02365	1
cg09379385	HIST1H2AI	0.0566271	0.0430366	13.5949	13.5949	0.0369663	15.114	15.114	0.0436394	13.4639	13.4639	0.144405	5.79755	5.79755	0.0247541	20.0112	20.0112	0.11806	6.70126	6.70126	0.293976	3.38768	3.38768	0.0126066	32.3595	32.3595	0.034068	15.9999	15.9999	3.23004	64.2757	17.6883	1
cg18805894	IMPAD1	0.0566275	0.146991	0.714798	-1.399	0.354572	0.814273	-1.22809	0.08266	0.66058	-1.51382	0.06659	1.55854	1.55854	0.634463	1.10886	1.10886	0.105619	1.46428	1.46428	0.0519642	0.620638	-1.61124	0.0409307	0.601108	-1.6636	0.249605	0.771378	-1.29638	3.23003	2.38077	0.655177	1
cg12877223	COL23A1	0.0566277	0.0570696	0.355538	-2.81264	0.660291	1.2367	1.2367	0.219472	0.537812	-1.85939	0.732468	0.848047	-1.17918	0.0221719	0.267876	-3.73307	0.331649	0.618104	-1.61785	0.00282067	0.138624	-7.21378	0.859737	0.918549	-1.08867	0.333494	0.619308	-1.61471	3.23003	11.8028	3.24808	1
cg05960081	ITGB5;ITGB5	0.0566292	0.802238	1.07631	1.07631	0.643164	0.872223	-1.1465	0.871682	0.953736	-1.04851	0.500645	1.22179	1.22179	0.00119869	0.248883	-4.01795	0.472394	1.23885	1.23885	0.418807	0.784991	-1.2739	0.767053	1.09095	1.09095	0.435855	1.26232	1.26232	3.23	4.39271	1.20887	1
cg23496906	UBE2E1;UBE2E1	0.0566303	0.0265082	0.473193	-2.1133	0.879799	0.957863	-1.04399	0.136252	0.633367	-1.57886	0.369632	0.769419	-1.29968	0.0155193	0.429774	-2.3268	0.650144	0.878182	-1.13872	0.00713655	0.372131	-2.68722	0.872633	1.0467	1.0467	0.0704116	0.562537	-1.77766	3.22997	4.14023	1.13939	1
cg24554054	ZNF498	0.0566314	0.127949	0.837016	-1.19472	0.0541849	0.789601	-1.26646	0.0482957	0.783526	-1.27628	0.590725	0.942998	-1.06045	0.649082	0.951681	-1.05077	0.241837	1.14161	1.14161	0.013968	1.38846	1.38846	0.382893	1.10157	1.10157	0.570723	0.939936	-1.0639	3.22995	0.597845	0.164528	1
cg20938802	GPR98;GPR98	0.0566322	0.0486726	0.378711	-2.64053	0.00287498	0.170667	-5.85938	0.13647	0.500677	-1.9973	0.990138	1.00534	1.00534	0.101209	0.461205	-2.16823	0.454382	0.719928	-1.38903	0.0344639	0.345249	-2.89646	0.129193	0.493135	-2.02784	0.595591	0.793753	-1.25984	3.22993	9.51174	2.61767	1
cg08893139	NEDD4	0.056633	0.225291	1.16381	1.16381	0.158963	1.19642	1.19642	0.791792	1.03202	1.03202	0.220213	1.16596	1.16596	0.97654	1.00351	1.00351	0.129955	1.21513	1.21513	0.00807113	0.667534	-1.49805	0.0982124	0.805697	-1.24116	0.212397	1.16936	1.16936	3.22991	0.725839	0.199755	1
cg01119718	INPP5A	0.0566333	0.350083	0.803993	-1.24379	0.0476912	1.67133	1.67133	0.871803	1.03731	1.03731	0.16176	1.40339	1.40339	0.0135234	0.499916	-2.00033	0.795107	0.94268	-1.06081	0.108969	1.48659	1.48659	0.265985	0.768814	-1.3007	0.131686	1.44643	1.44643	3.2299	2.63179	0.724284	1
cg07499553	LOC134466	0.0566361	0.10383	1.75561	1.75561	0.0103955	0.360198	-2.77625	0.455928	0.786402	-1.27161	0.991568	1.00335	1.00335	0.0298657	0.445443	-2.24496	0.110061	0.576294	-1.73522	0.268287	0.694285	-1.44033	0.0694788	0.525958	-1.90129	0.67925	1.14062	1.14062	3.22984	5.12215	1.40967	1
cg13468084	C17orf81;C17orf81;C17orf81;DULLARD;C17orf81;DULLARD	0.0566374	?	?	?	0.497534	0.731915	-1.36628	0.788943	0.885733	-1.12901	0.0162578	0.253555	-3.94392	0.536197	0.752965	-1.32808	0.0102258	0.218831	-4.56974	0.0924707	2.33902	2.33902	0.393293	0.672466	-1.48706	0.604308	1.26702	1.26702	3.53713	9.96381	2.46481	1
cg07083818	KIAA1683;KIAA1683;KIAA1683	0.0566379	0.594486	1.20915	1.20915	0.0464584	2.23923	2.23923	0.587499	1.21361	1.21361	0.766058	0.899905	-1.11123	0.00735366	0.294902	-3.39095	0.688422	1.15313	1.15313	0.0455297	0.444608	-2.24917	0.261625	1.51251	1.51251	0.882969	1.05344	1.05344	3.2298	6.39077	1.75883	1
cg03919942	MYLK;MYLK;MYLK;MYLK	0.0566386	0.0155467	0.333572	-2.99785	0.789828	1.10389	1.10389	0.725424	0.877684	-1.13936	0.192151	0.600014	-1.66663	0.02651	0.377899	-2.64621	0.015994	0.335814	-2.97784	0.38828	0.72097	-1.38702	0.542624	0.796102	-1.25612	0.0171274	0.341274	-2.9302	3.22979	7.00256	1.92722	1
cg21963643	CACNA1E	0.0566387	0.628312	1.19516	1.19516	0.0749136	0.484361	-2.06458	0.145254	0.56461	-1.77113	0.89924	0.954758	-1.04739	0.40338	0.731608	-1.36685	0.77585	0.900927	-1.10997	0.383592	0.721427	-1.38614	0.659482	1.17593	1.17593	0.0032165	4.34677	4.34677	3.22979	6.83232	1.88037	1
cg26974444	SNX29	0.0566395	0.153121	0.46309	-2.15941	0.0320638	0.28261	-3.53844	0.0426682	0.309054	-3.23568	0.0538384	0.332345	-3.00892	0.22118	0.523544	-1.91006	0.0696254	0.360196	-2.77626	0.0279193	0.270583	-3.69572	0.0103919	0.197132	-5.07275	0.0558722	0.33622	-2.97425	3.22977	12.9525	3.56475	1
cg23703633	ANK3	0.0566406	0.0345644	2.0537	2.0537	0.00293559	3.2968	3.2968	0.0311665	2.09274	2.09274	0.781452	1.0846	1.0846	0.889059	0.960063	-1.0416	0.550484	1.1929	1.1929	0.148765	1.57177	1.57177	0.734434	1.10454	1.10454	0.964832	0.987208	-1.01296	3.22974	4.36157	1.20039	1
cg21808635	EGFR;EGFR;EGFR	0.056642	0.373082	1.44965	1.44965	0.00363162	4.94382	4.94382	0.196539	1.7411	1.7411	0.705927	0.857325	-1.16642	0.709797	0.859164	-1.16392	0.302862	1.5425	1.5425	0.0115261	3.60798	3.60798	0.358785	1.46696	1.46696	0.795055	0.899687	-1.1115	3.22971	8.43523	2.32156	1
cg19668945	CSNK1A1;CSNK1A1	0.0566428	?	?	?	0.749771	0.863645	-1.15788	0.125659	2.13664	2.13664	0.0034981	0.16285	-6.14061	0.179384	0.520296	-1.92198	0.289582	1.65464	1.65464	0.441242	0.697841	-1.43299	0.297506	0.609705	-1.64014	0.914595	0.952042	-1.05037	3.27544	9.6777	2.95462	1
cg16839815	XIRP1	0.0566429	0.111067	0.630926	-1.58497	0.688671	1.11277	1.11277	0.488748	1.20514	1.20514	0.868575	0.957014	-1.04492	0.0042204	0.361883	-2.76333	0.851886	0.951619	-1.05084	0.0371244	1.90041	1.90041	0.985085	0.995053	-1.00497	0.345065	0.772581	-1.29436	3.22969	3.60066	0.990987	1
cg09903849	NOTCH4	0.0566434	0.185854	0.383552	-2.60721	0.02657	0.165989	-6.02449	0.00960366	0.106478	-9.39164	0.139577	0.337529	-2.96271	0.0547082	0.225658	-4.43149	0.0419092	0.201534	-4.96193	0.0761146	0.259681	-3.85088	0.0253601	0.16271	-6.14589	0.116493	0.311858	-3.20658	3.22968	23.8727	6.57037	1
cg04080133	DIRAS3	0.0566454	0.524941	0.910531	-1.09826	0.786442	1.0403	1.0403	0.336177	0.865651	-1.1552	0.0769923	1.33121	1.33121	0.98009	1.00364	1.00364	0.731741	0.951169	-1.05134	0.0016355	1.92764	1.92764	0.490307	1.10732	1.10732	0.929256	1.013	1.013	3.22964	1.08263	0.297971	1
cg22199615	SCN9A	0.0566461	0.753	0.91995	-1.08702	0.0642829	1.73231	1.73231	0.0138311	2.23457	2.23457	0.0881639	0.608165	-1.64429	0.351612	0.776189	-1.28835	0.278202	0.742288	-1.34719	0.149098	0.664374	-1.50518	0.122595	1.55611	1.55611	0.815628	1.06368	1.06368	3.22962	3.57302	0.983403	1
cg17086759	WFS1;WFS1	0.056648	0.0618222	1.45407	1.45407	0.0405927	1.5233	1.5233	0.112595	1.35995	1.35995	0.258813	1.23332	1.23332	0.208065	0.789574	-1.26651	0.260318	1.23243	1.23243	0.00488034	1.94282	1.94282	0.553377	1.11263	1.11263	0.898201	0.977475	-1.02304	3.22958	1.62059	0.446041	1
cg06624418	SPR	0.0566483	0.784664	0.958579	-1.04321	0.386532	1.14694	1.14694	0.58076	0.917452	-1.08998	0.157638	1.26284	1.26284	0.0925521	1.33096	1.33096	0.265137	1.19646	1.19646	0.00214684	1.94598	1.94598	0.449311	0.887739	-1.12646	0.569928	0.915134	-1.09274	3.22957	1.22016	0.33583	1
cg23248871	ZNF180	0.056649	0.105246	0.864514	-1.15672	0.436445	1.06748	1.06748	0.11643	1.15064	1.15064	0.0170123	0.787143	-1.27042	0.0716254	0.847509	-1.17993	0.084168	0.854569	-1.17018	0.934963	1.00674	1.00674	0.120619	1.14851	1.14851	0.837401	0.98324	-1.01705	3.22956	0.346038	0.095242	1
cg11740099	SECTM1	0.0566523	0.107747	0.540892	-1.8488	0.0127207	0.338234	-2.95653	0.27182	1.49259	1.49259	0.049535	0.456305	-2.19152	0.033336	0.418623	-2.38878	0.0244814	0.391269	-2.55578	0.785476	0.908893	-1.10024	0.431389	0.754899	-1.32468	0.245652	0.653669	-1.52983	3.22949	6.27027	1.72584	1
cg20321329	DARS;DARS	0.0566524	0.357672	0.822801	-1.21536	0.446528	1.17349	1.17349	0.728309	0.930619	-1.07455	0.75309	0.937004	-1.06723	0.0167923	0.547877	-1.82523	0.18489	0.748311	-1.33634	0.822339	0.954688	-1.04746	0.909849	0.976916	-1.02363	0.00649793	2.07377	2.07377	3.22948	2.17452	0.598518	1
cg26833781	PLEKHG4	0.0566548	0.797927	0.955037	-1.04708	0.78954	0.953164	-1.04914	0.0828487	0.708657	-1.41112	0.773327	1.05315	1.05315	0.105255	1.37352	1.37352	0.155485	1.31329	1.31329	0.0175686	1.67886	1.67886	0.0421773	0.657234	-1.52153	0.255841	0.808405	-1.237	3.22943	1.64449	0.45264	1
cg04873637	ZEB2;ZEB2	0.0566571	0.113857	2.12627	2.12627	0.278304	1.63948	1.63948	0.771796	1.13602	1.13602	0.139343	2.00909	2.00909	0.292045	1.61514	1.61514	0.242327	1.71023	1.71023	0.0169724	3.58511	3.58511	0.00337331	5.74626	5.74626	0.044211	2.75573	2.75573	3.22938	9.83651	2.70751	1
cg09818732	SLC48A1	0.0566597	0.0166993	0.254662	-3.92677	0.918865	1.04886	1.04886	0.740219	1.16856	1.16856	0.0846809	0.409542	-2.44175	0.804835	1.12288	1.12288	0.708158	1.19249	1.19249	0.0701436	0.387588	-2.58006	0.00660476	0.191878	-5.21165	0.777693	1.14169	1.14169	3.22932	11.2093	3.08541	1
cg19857633	IER2	0.0566628	0.263122	0.87409	-1.14405	0.72916	1.04091	1.04091	0.362195	1.11408	1.11408	0.187443	0.851164	-1.17486	0.928812	0.989746	-1.01036	0.130841	0.828466	-1.20705	0.00308206	0.626715	-1.59562	0.95786	1.00611	1.00611	0.124748	1.21131	1.21131	3.22925	0.680499	0.187315	1
cg19057001	ANXA6;ANXA6	0.0566631	0.183403	0.615774	-1.62397	0.0037916	3.82499	3.82499	0.772693	0.905298	-1.10461	0.649389	1.17025	1.17025	0.0632936	0.487991	-2.04922	0.373092	1.36903	1.36903	0.609544	0.837827	-1.19356	0.312377	1.43188	1.43188	0.45928	0.771946	-1.29543	3.22925	6.03513	1.66124	1
cg11726250	COL20A1	0.0566639	0.0433982	0.233852	-4.27621	0.00915731	0.126144	-7.92745	0.195165	0.424399	-2.35627	0.287477	0.501163	-1.99536	0.240232	0.463406	-2.15794	0.354437	0.551058	-1.81469	0.0101779	0.131719	-7.5919	0.0200206	0.172797	-5.78714	0.433879	0.606835	-1.64789	3.22923	20.011	5.50831	1
cg00378730	CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;CHAT	0.0566644	0.253559	0.58285	-1.71571	0.0194295	3.59397	3.59397	0.123216	0.46955	-2.1297	0.809042	0.896183	-1.11584	0.263685	0.590079	-1.69469	0.23826	0.571637	-1.74936	0.259031	0.586775	-1.70423	0.106825	2.21905	2.21905	0.0508264	2.73812	2.73812	3.22922	10.4826	2.88549	1
cg20470722	EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EXOC7	0.0566645	0.139911	1.49862	1.49862	0.505354	1.18786	1.18786	0.127374	1.52183	1.52183	0.0429314	0.552449	-1.81012	0.438779	1.2228	1.2228	0.719324	0.912182	-1.09627	0.0128362	0.455162	-2.19702	0.293096	1.32022	1.32022	0.175864	1.4428	1.4428	3.22921	3.31799	0.913325	1
cg18430156	FAM171B;FAM171B	0.0566648	0.201208	1.48666	1.48666	0.492238	1.2274	1.2274	0.475854	1.23737	1.23737	0.936724	1.0236	1.0236	0.361308	1.31741	1.31741	0.182529	0.659955	-1.51526	0.00205909	0.279363	-3.57957	0.698582	1.1211	1.1211	0.919293	0.970665	-1.03022	3.22921	4.41362	1.21492	1
cg13342710	MYLK;MYLK;MYLK;MYLK	0.0566649	0.622048	0.893764	-1.11886	0.99422	1.00164	1.00164	0.0344538	0.572628	-1.74633	0.561785	0.875815	-1.14179	0.0298548	0.561181	-1.78196	0.901359	1.02842	1.02842	0.00552564	0.438554	-2.28022	0.272992	0.772687	-1.29418	0.0289292	0.558691	-1.7899	3.22921	2.61307	0.719287	1
cg03146158	MYO1E	0.0566649	0.365966	1.33004	1.33004	0.0662882	0.531265	-1.8823	0.358133	1.33665	1.33665	0.390014	1.31059	1.31059	0.00411344	0.306717	-3.26034	0.196045	0.657167	-1.52168	0.125156	0.600688	-1.66476	0.658315	1.14644	1.14644	0.986978	0.995001	-1.00502	3.22921	4.82226	1.3274	1
cg23306229	TTC30B	0.0566652	0.302746	1.20597	1.20597	0.021404	1.62418	1.62418	0.131239	1.33091	1.33091	0.0136583	1.70768	1.70768	0.325091	1.19515	1.19515	0.564916	0.902961	-1.10747	0.0606522	0.689998	-1.44928	0.994513	1.00121	1.00121	0.63333	0.919141	-1.08797	3.2292	1.57411	0.433299	1
cg11261691	KIF3B	0.0566655	0.169503	0.441827	-2.26333	0.0937244	0.357446	-2.79762	0.100398	0.3662	-2.73075	0.139204	0.411347	-2.43104	0.00639735	0.138041	-7.24424	0.0624679	0.310275	-3.22294	0.00902213	0.156796	-6.37772	0.297563	0.547313	-1.82711	0.105567	0.372743	-2.68281	3.22919	15.9326	4.38573	1
cg08996975	C9orf64	0.0566684	0.313108	0.60096	-1.664	0.147471	0.468328	-2.13526	0.0138651	0.226721	-4.4107	0.0272193	0.27926	-3.58089	0.0283477	0.282745	-3.53676	0.760577	1.16087	1.16087	0.482259	1.41704	1.41704	0.523897	1.3706	1.3706	0.0648253	0.363453	-2.75139	3.22913	12.1826	3.35354	1
cg18789685	ALPL	0.0566694	0.449754	0.789146	-1.26719	0.00579666	0.329153	-3.0381	0.0792696	0.549357	-1.82031	0.382773	0.759424	-1.31679	0.0083503	0.354763	-2.81878	0.188057	0.65124	-1.53553	0.0422914	0.487159	-2.05272	0.165382	0.634496	-1.57605	0.50259	0.811235	-1.23269	3.22911	4.83457	1.33083	1
cg22389270	POLR2K	0.0566694	0.0202056	1.26673	1.26673	0.138226	1.14423	1.14423	0.133801	1.14626	1.14626	0.115137	1.15559	1.15559	0.180593	1.12751	1.12751	0.189066	1.12462	1.12462	0.0189123	0.786653	-1.27121	0.519993	1.0566	1.0566	0.322219	1.09016	1.09016	3.22911	0.364428	0.100318	1
cg20359888	ALPK3	0.0566703	0.590699	0.851359	-1.17459	0.147613	0.630979	-1.58484	0.870275	0.952713	-1.04963	0.0381584	2.03848	2.03848	0.306955	0.730906	-1.36817	0.143865	0.627874	-1.59268	0.0219364	0.442733	-2.2587	0.0503832	0.516312	-1.93681	0.184302	1.518	1.518	3.22909	4.4926	1.2367	1
cg21167558	SART3;ISCU;ISCU	0.056671	0.00989795	0.61863	-1.61648	0.17269	1.23845	1.23845	0.632877	0.931536	-1.0735	0.0540513	0.724521	-1.38022	0.221174	1.20867	1.20867	0.0339078	0.694235	-1.44043	0.183363	0.812181	-1.23125	0.532238	0.910983	-1.09772	0.954844	0.99169	-1.00838	3.22907	1.11064	0.305732	1
cg19995899	FN1;FN1;FN1;FN1;FN1;FN1	0.0566713	0.246072	0.585703	-1.70735	0.380083	1.48743	1.48743	0.554643	0.768332	-1.30152	0.620366	0.80237	-1.24631	0.00196428	0.145221	-6.88607	0.0992887	0.450783	-2.21836	0.547378	0.764525	-1.308	0.550619	1.3051	1.3051	0.0888116	0.437047	-2.28809	3.22907	9.94476	2.73757	1
cg12904880	TRIM15	0.0566729	0.0113063	0.449854	-2.22294	0.367144	0.791923	-1.26275	0.233306	0.730015	-1.36984	0.415688	0.810996	-1.23305	0.157857	0.683687	-1.46266	0.051386	0.572036	-1.74814	0.00892503	0.432698	-2.31108	0.262096	1.34241	1.34241	0.901829	0.969403	-1.03156	3.22903	3.24294	0.892718	1
cg10888399	SLC25A18	0.0566729	0.104755	0.411148	-2.43221	0.00319499	0.132929	-7.52282	0.0486184	0.323305	-3.09306	0.96159	0.976147	-1.02444	0.0694818	0.361357	-2.76734	0.0896751	0.391447	-2.55463	0.0893437	0.390991	-2.5576	0.101842	0.407491	-2.45404	0.679474	0.811979	-1.23156	3.22903	12.8517	3.53783	1
cg13785207	RPS19BP1	0.0566747	0.196407	0.900808	-1.11011	0.798755	1.01973	1.01973	0.0830462	1.15808	1.15808	0.823646	1.01722	1.01722	0.0300324	1.21552	1.21552	0.0501009	0.842962	-1.18629	0.183589	0.897721	-1.11393	0.273839	0.916601	-1.09099	0.0686021	1.1687	1.1687	3.22899	0.299097	0.0823364	1
cg18766468	LRRC15;LRRC15	0.0566771	0.534445	1.22253	1.22253	0.646099	1.15911	1.15911	0.0909886	0.551804	-1.81224	0.614327	0.850219	-1.17617	0.568534	1.20207	1.20207	0.0548202	2.00473	2.00473	0.772158	0.911452	-1.09715	0.00485466	3.29593	3.29593	0.0812089	1.85398	1.85398	3.22894	5.21527	1.4357	1
cg16111364	CLIP1;CLIP1	0.0566796	0.406204	1.57329	1.57329	0.00859984	5.97252	5.97252	0.0193789	4.51689	4.51689	0.30519	1.76165	1.76165	0.236809	0.516324	-1.93677	0.37059	1.63287	1.63287	0.311924	1.74697	1.74697	0.023118	4.25665	4.25665	0.191962	2.08886	2.08886	3.22888	14.5446	4.00403	1
cg15542670	TEAD1	0.0566797	0.0347875	0.206569	-4.841	0.0152474	0.148086	-6.75283	0.0918202	0.304308	-3.28615	0.220825	0.438228	-2.28192	0.0310903	0.197502	-5.06323	0.211761	0.430338	-2.32375	0.0271571	0.187088	-5.34507	0.0254048	0.182144	-5.49015	0.0688218	0.271086	-3.68886	3.22888	21.0104	5.78401	1
cg23690808	CASZ1;CASZ1	0.0566813	0.0583091	0.61864	-1.61645	0.00443732	0.426508	-2.34462	0.0232157	0.543882	-1.83863	0.531444	0.867378	-1.1529	0.0255622	0.551311	-1.81386	0.677481	0.910395	-1.09842	0.789195	0.941628	-1.06199	0.453364	0.842447	-1.18702	0.159029	0.713304	-1.40193	3.22884	2.57624	0.70923	1
cg18134732	ZNRF3	0.056683	0.768879	1.0603	1.0603	0.0404892	1.60021	1.60021	0.0120169	1.86354	1.86354	0.0643212	1.51135	1.51135	0.0351034	0.613992	-1.62869	0.338693	1.21647	1.21647	0.373355	1.19911	1.19911	0.645999	1.09625	1.09625	0.33987	1.21586	1.21586	3.22881	2.01892	0.555808	1
cg17379860	TMEM216	0.0566852	0.741553	1.14312	1.14312	0.0261622	2.90484	2.90484	0.846716	1.08136	1.08136	0.641975	1.20834	1.20834	0.0120743	3.54293	3.54293	0.0273422	2.87258	2.87258	0.0224266	3.02066	3.02066	0.0451099	2.53245	2.53245	0.280474	1.57369	1.57369	3.22876	8.35356	2.29977	1
cg10192736	CNN2;CNN2	0.056687	0.528536	0.822911	-1.2152	0.0059242	3.00042	3.00042	0.646346	0.868466	-1.15146	0.971968	0.989331	-1.01078	0.545471	0.829636	-1.20535	0.0939055	1.75463	1.75463	0.0258374	0.445857	-2.24287	0.637818	0.865248	-1.15574	0.875807	1.0489	1.0489	3.22872	4.76469	1.31175	1
cg26172013	SNTA1;SNTA1	0.0566887	0.513219	0.883839	-1.13143	0.279826	1.23271	1.23271	0.0415279	1.54912	1.54912	0.115959	0.727484	-1.3746	0.125692	0.734484	-1.3615	0.00826673	0.53318	-1.87554	0.27495	0.809353	-1.23555	0.836278	1.03929	1.03929	0.392583	0.849506	-1.17715	3.22868	1.77327	0.488198	1
cg11676902	PRDM13	0.0566897	0.510203	0.562886	-1.77656	0.869501	1.15196	1.15196	0.00817061	18.3955	18.3955	0.459522	1.91152	1.91152	0.423578	0.495018	-2.02013	0.0513214	6.74602	6.74602	0.0115182	15.1625	15.1625	0.470164	1.88156	1.88156	0.764669	0.772375	-1.29471	3.22866	37.8481	10.42	1
cg17928152	MCF2L;MCF2L	0.056691	0.672076	1.26197	1.26197	0.00650774	6.90666	6.90666	0.00356036	8.65524	8.65524	0.979433	0.986012	-1.01419	0.406819	1.58997	1.58997	0.810411	1.14035	1.14035	0.243807	1.94721	1.94721	0.422881	1.56414	1.56414	0.946987	0.964315	-1.03701	3.22863	15.27	4.20405	1
cg21050637	ACPT	0.0566911	0.932363	1.04255	1.04255	0.00633996	0.174732	-5.72305	0.702581	1.20722	1.20722	0.710032	1.20121	1.20121	0.0212079	0.256689	-3.89576	0.58027	1.31545	1.31545	0.0388911	0.309208	-3.23407	0.136087	0.454568	-2.19989	0.75287	0.856373	-1.16772	3.22863	12.3212	3.39221	1
cg05539388	OR13H1	0.0566918	0.975232	0.98402	-1.01624	0.220686	0.512691	-1.95049	0.0489077	0.311348	-3.21184	0.052157	0.317867	-3.14597	0.00490082	0.144491	-6.92087	0.18347	2.07982	2.07982	0.583037	1.33331	1.33331	0.311546	0.580862	-1.72158	0.537053	0.723017	-1.38309	3.22861	13.7671	3.79031	1
cg24361048	KIAA0495	0.0566924	0.232951	0.70383	-1.4208	0.160651	1.52322	1.52322	0.00829093	0.38759	-2.58004	0.199931	0.683696	-1.46264	0.0106877	0.406133	-2.46225	0.205075	0.686973	-1.45566	0.709212	0.900152	-1.11092	0.82899	0.941065	-1.06263	0.767538	1.0868	1.0868	3.2286	4.0322	1.11013	1
cg22662036	PBX2	0.0566952	0.653816	1.36451	1.36451	?	?	?	0.00563078	0.0733534	-13.6326	?	?	?	0.313162	0.486142	-2.05701	?	?	?	?	?	?	0.530432	1.54956	1.54956	0.626473	1.40179	1.40179	3.75894	15.3173	5.70484	1
cg22747507	GLRA3;GLRA3	0.056698	0.191	0.630904	-1.58503	0.431568	1.30609	1.30609	0.387846	1.34237	1.34237	0.0130779	2.78436	2.78436	0.680952	0.871504	-1.14744	0.70957	0.882978	-1.13253	0.65664	1.16049	1.16049	0.00487581	3.46063	3.46063	0.628592	1.17604	1.17604	3.22848	5.65865	1.55798	1
cg08012672	RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1	0.0567006	0.307771	1.5427	1.5427	0.37771	1.45018	1.45018	0.697752	1.17382	1.17382	0.111071	2.03979	2.03979	0.758064	0.880843	-1.13528	0.00545742	4.48593	4.48593	0.822012	0.911626	-1.09694	0.00634789	4.30187	4.30187	0.319175	1.52616	1.52616	3.22842	8.62239	2.37403	1
cg10135708	UCN2	0.0567023	0.203114	0.455394	-2.1959	0.0721645	0.305609	-3.27215	0.125321	0.377136	-2.65156	0.0424135	0.249663	-4.0054	0.0791131	0.316459	-3.15997	0.0716875	0.304841	-3.2804	0.00247788	0.07589	-13.177	0.0991228	0.344782	-2.90038	0.3009	0.534847	-1.86969	3.49073	18.2456	4.06535	1
cg08867155	MTERFD1;PTDSS1	0.0567029	0.00569894	0.550453	-1.81669	0.678396	0.933644	-1.07107	0.222795	1.23485	1.23485	0.270397	1.20799	1.20799	0.92937	1.0147	1.0147	0.254623	1.21636	1.21636	0.0533565	0.696711	-1.43532	0.545147	1.10609	1.10609	0.216111	1.23905	1.23905	3.22837	1.38631	0.381702	1
cg05959525	TALDO1	0.0567032	0.350602	0.882062	-1.13371	0.251082	1.16957	1.16957	0.00675621	1.58193	1.58193	0.299211	0.868888	-1.1509	0.792043	1.03512	1.03512	0.979115	0.996587	-1.00343	0.0218694	0.698139	-1.43238	0.951819	1.00792	1.00792	0.29675	1.15178	1.15178	3.22836	0.872382	0.2402	1
cg25242756	ARHGEF12	0.0567043	0.456571	1.18726	1.18726	0.00180605	0.366201	-2.73074	0.0906757	0.655749	-1.52497	0.463409	1.18408	1.18408	0.232544	0.753207	-1.32766	0.893111	0.970024	-1.0309	0.433549	0.834508	-1.19831	0.535754	1.15254	1.15254	0.591333	0.884529	-1.13054	3.22834	2.62041	0.721504	1
cg06835221	BTF3;BTF3	0.0567074	0.563018	1.08733	1.08733	0.0344385	0.702434	-1.42362	0.20918	0.827342	-1.20869	0.64121	1.06951	1.06951	0.825155	0.968816	-1.03219	0.388449	1.13492	1.13492	0.0386393	0.709673	-1.4091	0.0135409	1.5489	1.5489	0.586349	1.08185	1.08185	3.22827	1.04823	0.288626	1
cg08301542	SEC22B	0.0567076	0.953507	1.01166	1.01166	0.0403917	1.60091	1.60091	0.0312793	1.65235	1.65235	0.228383	0.777809	-1.28566	0.0184907	0.566744	-1.76446	0.779224	1.05745	1.05745	0.529918	1.13482	1.13482	0.998377	1.0004	1.0004	0.111704	1.411	1.411	3.22826	2.01976	0.556133	1
cg25510018	TRIP10	0.0567081	0.0940996	1.23717	1.23717	0.0781109	1.25399	1.25399	0.50172	1.08203	1.08203	0.243115	1.15168	1.15168	0.0189743	1.38881	1.38881	0.0524259	0.774897	-1.29049	0.0280539	1.34987	1.34987	0.921308	1.01149	1.01149	0.228193	1.15748	1.15748	3.22825	0.68353	0.188208	1
cg19499998	SLC22A2	0.0567082	0.562187	1.19349	1.19349	0.00797484	2.79138	2.79138	0.2242	1.4702	1.4702	0.16101	0.636421	-1.57129	0.962612	1.01425	1.01425	0.318193	1.36535	1.36535	0.0166029	2.41817	2.41817	0.251851	1.43522	1.43522	0.295367	0.72069	-1.38756	3.22825	4.65817	1.28261	1
cg24517899	LHPP;LHPP	0.0567083	0.856131	0.926549	-1.07927	0.196911	1.77442	1.77442	0.185935	0.554594	-1.80312	0.84638	0.921701	-1.08495	0.0018935	0.157136	-6.36389	0.585455	1.26052	1.26052	0.350189	1.49813	1.49813	0.320859	0.649764	-1.53902	0.935558	1.03458	1.03458	3.22825	9.03435	2.48758	1
cg14482539	C20orf199;C20orf199;ZNFX1;SNORD12C;C20orf199	0.0567096	0.639185	0.920519	-1.08634	0.46329	0.877277	-1.13989	0.0555208	1.46314	1.46314	0.990333	0.997877	-1.00213	0.232295	1.24569	1.24569	0.0596038	0.688768	-1.45187	0.0456969	0.669121	-1.4945	0.337375	1.18942	1.18942	0.0213628	0.615658	-1.62428	3.22822	1.57264	0.433026	1
cg00682069	PXDN	0.05671	0.200474	1.55371	1.55371	0.0264031	0.424065	-2.35813	0.0436188	0.46957	-2.12961	0.0524851	0.487484	-2.05135	0.232845	0.665207	-1.50329	0.0615509	0.503467	-1.98623	0.390143	0.750552	-1.33235	0.129344	1.70575	1.70575	0.979866	1.00826	1.00826	3.22821	5.42889	1.49485	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00755505	EIF2AK4	0.0567111	0.037204	0.669354	-1.49398	0.0100892	0.58344	-1.71397	0.203697	0.800382	-1.2494	0.239094	0.814951	-1.22707	0.116606	0.753532	-1.32708
cg18154784	SAT1;SAT1	0.0567115	0.105936	0.392349	-2.54875	0.399273	0.633054	-1.57964	0.0595185	0.324061	-3.08584	0.326834	1.70969	1.70969	0.0132649	0.196706	-5.08372
cg04287686	GATA1	0.0567117	0.0154606	2.76099	2.76099	0.923703	1.03329	1.03329	0.591867	1.20323	1.20323	0.0753824	0.508271	-1.96745	0.144043	0.584777	-1.71005
cg07645888	EHBP1;EHBP1;EHBP1;EHBP1	0.0567118	0.406077	1.43964	1.43964	0.153648	1.92499	1.92499	0.0250383	3.13591	3.13591	0.0280569	0.328783	-3.04152	0.647555	0.820918	-1.21815
cg03305004	GTF2IRD1;GTF2IRD1	0.0567121	0.905147	0.91984	-1.08715	0.743011	1.25936	1.25936	0.0455985	0.200549	-4.98632	0.270863	0.447755	-2.23337	0.159564	0.348716	-2.86766
cg03439703	PDE3B;PSMA1	0.0567123	0.171237	0.633085	-1.57957	0.46423	1.26335	1.26335	0.469941	1.25946	1.25946	0.277051	1.42584	1.42584	0.0422302	0.479847	-2.084
cg16649771	FBF1	0.0567131	0.579814	1.11052	1.11052	0.694658	1.07675	1.07675	0.0109361	1.81972	1.81972	0.538317	1.12388	1.12388	0.110691	0.721953	-1.38513
cg04899681	NAGPA	0.0567151	0.0339954	0.174273	-5.73811	0.132965	0.318416	-3.14055	0.633993	0.712758	-1.403	0.331343	0.492844	-2.02904	0.0610512	0.225308	-4.43838
cg03021802	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.0567153	0.134336	1.63429	1.63429	0.00255507	3.57218	3.57218	0.0343212	2.11948	2.11948	0.0682889	1.86092	1.86092	0.601731	1.17376	1.17376
cg27594834	ZNF627	0.0567163	0.826491	1.03282	1.03282	0.040935	0.706745	-1.41494	0.0224463	0.668782	-1.49526	0.00523931	0.581708	-1.71908	0.0728756	0.745022	-1.34224
cg17053098	COL11A2;COL11A2;COL11A2	0.0567166	0.925419	1.01881	1.01881	0.0509964	0.64251	-1.5564	0.00603595	0.489755	-2.04184	0.8538	1.03739	1.03739	0.179803	0.753127	-1.3278
cg23001000	DDR1;DDR1	0.0567169	0.456974	0.773547	-1.29275	0.556762	1.22319	1.22319	0.433827	0.762843	-1.31089	0.340625	0.716866	-1.39496	0.00710891	0.307695	-3.24997
cg02246734	FAM98C	0.0567174	0.359708	0.77749	-1.28619	0.591131	0.865077	-1.15597	0.662057	1.12473	1.12473	0.604426	0.86964	-1.1499	0.945606	1.0184	1.0184
cg02162534	JAKMIP3	0.0567179	0.0183424	0.237795	-4.20531	0.0521027	3.03079	3.03079	0.936086	0.960551	-1.04107	0.757602	1.16808	1.16808	0.141438	0.452233	-2.21125
cg06035200	ZHX2	0.0567194	0.860472	1.1014	1.1014	0.133108	0.410874	-2.43384	0.309162	0.561164	-1.78201	0.511348	1.44145	1.44145	0.0780353	0.341355	-2.9295
cg20063450	KRT32	0.0567198	0.100435	0.528417	-1.89244	0.0393734	0.429636	-2.32755	0.176057	0.600566	-1.6651	0.653987	0.852213	-1.17342	0.0175191	0.358865	-2.78656
cg21594961	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.0567199	0.026465	0.124396	-8.03882	0.102186	0.242464	-4.12432	0.0410247	0.154459	-6.4742	0.600637	1.51954	1.51954	0.0128087	0.08638	-11.5768
cg07717512	HCG22	0.0567214	0.685199	0.773687	-1.29251	0.0160728	0.156479	-6.39064	0.0210794	0.174368	-5.73499	0.166348	2.53235	2.53235	0.871751	1.10707	1.10707
cg02484455	SHANK2	0.0567257	0.634066	1.26837	1.26837	0.0237657	3.81082	3.81082	0.00667934	5.72287	5.72287	0.0496337	3.03521	3.03521	0.193687	0.505717	-1.97739
cg12390344	LAMA3;LAMA3	0.0567259	0.0336566	13.4242	13.4242	0.329989	2.8641	2.8641	0.0894914	7.09765	7.09765	0.110268	6.1834	6.1834	0.033696	13.414	13.414
cg24766104	AP1M1;AP1M1	0.0567281	0.765977	0.965893	-1.03531	0.00900014	0.679688	-1.47126	0.0253481	0.734147	-1.36212	0.697948	1.04638	1.04638	0.475208	1.08808	1.08808
cg05124692	PADI4	0.0567282	0.742786	1.15219	1.15219	0.604704	1.25188	1.25188	0.228592	0.580656	-1.72219	0.881168	1.06647	1.06647	0.0497931	0.381892	-2.61854
cg02837128	RBPMS;RBPMS;RBPMS;RBPMS	0.0567295	0.048536	0.299785	-3.33573	0.540885	1.39225	1.39225	0.470768	0.675557	-1.48026	0.835636	1.11747	1.11747	0.00613707	0.147855	-6.76339
cg25947945	LAD1	0.0567314	0.0489311	3.27311	3.27311	0.2684	1.8366	1.8366	0.627214	1.29445	1.29445	0.558549	1.36613	1.36613	0.142171	2.2982	2.2982
cg14970695	LOC387647	0.0567315	0.0370453	0.133002	-7.51871	0.0208014	0.0984384	-10.1586	0.0681376	0.18234	-5.48427	0.335793	0.437391	-2.28628	0.206849	0.329835	-3.03182
cg26963795	SRR;SMG6;SMG6	0.0567354	0.774556	1.05762	1.05762	0.00936397	1.90178	1.90178	0.138783	1.36458	1.36458	0.690504	0.924898	-1.0812	0.974822	0.993863	-1.00618
cg14942464	TMED10	0.0567355	0.482398	1.30964	1.30964	0.783975	1.10941	1.10941	0.0179928	2.9624	2.9624	0.716218	0.871154	-1.1479	0.319912	0.678186	-1.47452
cg00174466	ASXL1;ASXL1	0.0567355	0.0814656	1.45668	1.45668	0.104855	1.41233	1.41233	0.915386	0.979511	-1.02092	0.282317	0.80443	-1.24312	0.0171378	1.76104	1.76104
cg11593247	PYGM;PYGM	0.0567374	0.0461979	0.691796	-1.44551	0.886304	0.977186	-1.02335	0.865754	1.02767	1.02767	0.369203	1.1604	1.1604	0.816043	0.963106	-1.03831
cg01195214	UBE2I;UBE2I;UBE2I;UBE2I	0.0567377	0.408357	1.5014	1.5014	0.22846	1.83572	1.83572	0.108399	2.32015	2.32015	0.978144	0.986922	-1.01325	0.209758	0.529807	-1.88748
cg09423181	AKAP1	0.0567384	0.0480796	0.496017	-2.01606	0.888297	0.957324	-1.04458	0.458394	0.791115	-1.26404	0.371972	1.32904	1.32904	0.0237651	0.432804	-2.31052
cg16582978	NPM1;NPM1;NPM1;NPM1;NPM1;NPM1	0.0567386	0.290895	0.749696	-1.33387	0.00493265	0.360992	-2.77014	0.188868	0.692758	-1.44351	0.504	1.19438	1.19438	?	?	?
cg14141102	BTBD11;BTBD11	0.056741	0.440073	1.32188	1.32188	0.00389494	3.96477	3.96477	0.0307744	2.45734	2.45734	0.188207	1.63913	1.63913	0.246395	1.53665	1.53665
cg16209444	ACOX2	0.0567413	0.424369	1.11615	1.11615	0.0909339	1.28507	1.28507	0.724245	1.04886	1.04886	0.0983974	0.783391	-1.2765	0.630174	1.06752	1.06752
cg10000775	PDLIM3;PDLIM3	0.0567424	0.0146599	0.542053	-1.84484	0.788746	1.05626	1.05626	0.613352	1.10942	1.10942	0.00703976	0.491649	-2.03397	0.749964	1.06733	1.06733
cg10556222	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0567427	0.0380156	0.410277	-2.43738	0.00241285	0.209035	-4.7839	0.563087	0.805291	-1.24179	0.24899	0.639978	-1.56255	0.287439	0.66424	-1.50548
cg05358175	CYFIP2;CYFIP2	0.0567434	0.350538	0.913844	-1.09428	0.0212766	0.771386	-1.29637	0.021809	0.772513	-1.29448	0.632001	1.04628	1.04628	0.614055	0.953439	-1.04883
cg18009484	NTM	0.0567442	0.0561571	0.590481	-1.69354	0.0848555	0.628676	-1.59064	0.305848	0.772414	-1.29464	0.957046	1.01321	1.01321	0.185526	0.710392	-1.40767
cg12104333	WTIP	0.0567444	0.063348	0.679307	-1.47209	0.0572571	1.48932	1.48932	0.00443991	0.495103	-2.01978	0.830211	0.961013	-1.04057	0.472017	0.8733	-1.14508
cg21233003	GRIN1;GRIN1;GRIN1	0.0567458	0.0824683	17.8171	17.8171	0.10466	14.2348	14.2348	0.346401	4.27131	4.27131	0.131862	11.4195	11.4195	0.0581828	24.6741	24.6741
cg00196167	C7orf55;C7orf55	0.0567468	0.885355	1.02109	1.02109	0.0231592	1.4809	1.4809	0.0489248	1.38431	1.38431	0.533144	0.912752	-1.09559	0.592847	0.924907	-1.08119
cg26972601	TRPV3	0.0567473	0.514732	0.872277	-1.14643	0.156453	1.36827	1.36827	0.00673432	2.0683	2.0683	0.466047	0.857757	-1.16583	0.56959	0.887918	-1.12623
cg13775054	LSS;LSS;MCM3APAS;LSS;LSS;LSS	0.0567478	0.713697	1.07749	1.07749	0.0315985	0.600231	-1.66603	0.0365869	0.611432	-1.63551	0.210637	0.765566	-1.30622	0.085604	0.680576	-1.46934
cg05301383	LOC440925	0.0567492	0.497114	0.737438	-1.35605	0.350394	1.52903	1.52903	0.0653007	0.400868	-2.49459	0.0751949	0.416749	-2.39953	0.0100498	0.238037	-4.20103
cg00076854	POMP	0.0567518	0.0344962	0.646266	-1.54735	0.585587	1.10239	1.10239	0.00329575	2.03156	2.03156	0.774181	0.950345	-1.05225	0.384942	1.17082	1.17082
cg20661176	CDCA7L;CDCA7L;CDCA7L	0.0567531	0.339827	1.29229	1.29229	0.0163246	2.14971	2.14971	0.302198	1.32127	1.32127	0.0407415	0.540249	-1.851	0.605168	1.14561	1.14561
cg10910862	NEK1	0.0567552	0.265116	1.63693	1.63693	0.201526	1.7724	1.7724	0.132305	1.9922	1.9922	0.588826	1.26059	1.26059	0.0652317	0.415484	-2.40683
cg12428514	UCN3;UCN3	0.0567552	0.122062	0.267465	-3.73881	0.0168962	0.100929	-9.90793	0.0991914	0.241147	-4.14685	0.4083	0.513985	-1.94558	0.0334783	0.14156	-7.06414
cg22048546	CD55;CD55	0.0567565	0.16586	0.637315	-1.56908	0.521696	1.21894	1.21894	0.819783	1.07204	1.07204	0.699359	1.12558	1.12558	0.0837156	0.557933	-1.79233
cg12054428	HAS2AS;HAS2	0.056757	0.915162	1.01864	1.01864	0.481937	0.883489	-1.13188	0.792911	0.955422	-1.04666	0.224655	1.2474	1.2474	0.264086	1.22355	1.22355
cg17271223	EXOC4;EXOC4	0.0567573	0.502924	1.25325	1.25325	0.179787	0.623093	-1.6049	0.236789	0.662602	-1.5092	0.6296	1.17511	1.17511	0.00323601	0.263518	-3.7948
cg02767634	RUFY1;RUFY1;RUFY1	0.0567584	0.416522	0.606559	-1.64864	0.141682	2.58932	2.58932	0.0955263	3.01181	3.01181	0.357642	0.565768	-1.76751	0.0041122	0.0985257	-10.1496
cg07002498	GULP1	0.0567591	0.615818	0.886429	-1.12812	0.110714	1.51304	1.51304	0.11348	1.5074	1.5074	0.44523	0.830746	-1.20374	0.248589	0.750222	-1.33294
cg03390449	MUC4;MUC4;MUC4	0.0567602	0.0103378	0.119587	-8.36212	0.680393	1.31298	1.31298	0.677034	1.31701	1.31701	0.874209	0.901087	-1.10977	0.00878919	0.111517	-8.96722
cg16623656	RPN2;RPN2;C20orf132;RPN2;C20orf132;RPN2;C20orf132	0.0567609	0.918029	1.01855	1.01855	0.230424	0.798804	-1.25187	0.57572	1.10622	1.10622	0.853832	0.967608	-1.03348	0.0300171	1.57732	1.57732
cg27397787	FLJ26850	0.0567613	0.0253573	0.411747	-2.42868	0.298131	1.43341	1.43341	0.763144	1.10616	1.10616	0.602282	1.19187	1.19187	0.196906	0.634161	-1.57689
cg03340878	OR2B6	0.0567617	0.352361	0.642393	-1.55668	0.889919	0.937969	-1.06613	0.00936865	0.217924	-4.58876	0.468273	0.710879	-1.40671	0.0241074	0.288292	-3.4687
cg19856252	KY	0.0567618	0.31985	0.675382	-1.48064	0.708128	1.15441	1.15441	0.84139	1.0795	1.0795	0.450164	0.745434	-1.3415	0.380645	0.709391	-1.40966
cg22488998	GFI1;GFI1	0.0567622	0.452614	0.468008	-2.13671	0.0938946	6.35892	6.35892	0.73855	1.39325	1.39325	0.707996	1.45145	1.45145	0.233576	0.288004	-3.47217
cg11552829	FOXI1;FOXI1	0.0567625	0.0537375	2.05996	2.05996	0.0251298	2.40815	2.40815	0.357788	0.731961	-1.36619	0.0785181	1.90557	1.90557	0.705089	1.13366	1.13366
cg24886219	DUSP27	0.0567626	0.90205	0.970602	-1.03029	0.516762	1.1727	1.1727	0.58291	0.874236	-1.14386	0.109891	1.52552	1.52552	0.145918	0.684999	-1.45986
cg06267075	TMCO7	0.0567637	0.00438082	0.313301	-3.19182	0.179086	0.647066	-1.54544	0.276304	1.41252	1.41252	0.257024	0.697121	-1.43447	0.878351	0.954359	-1.04782
cg03276401	TEX2	0.0567637	0.013726	0.200886	-4.97794	0.113761	2.47528	2.47528	0.0998354	2.58546	2.58546	0.552211	1.37269	1.37269	0.054764	0.317423	-3.15037
cg15313320	DKFZp686O24166	0.0567637	0.97724	0.995402	-1.00462	0.00357018	0.528548	-1.89198	0.351153	0.856415	-1.16766	0.860745	0.972035	-1.02877	0.266649	1.20556	1.20556
cg25521254	RNMTL1	0.0567641	0.824659	0.944787	-1.05844	0.852907	1.04865	1.04865	0.00147621	0.309039	-3.23584	0.502747	1.19016	1.19016	0.502043	1.19051	1.19051
cg03680680	DIP2C	0.0567642	0.139194	1.44824	1.44824	0.0049713	0.420938	-2.37565	0.351456	0.800006	-1.24999	0.290348	1.29091	1.29091	0.181216	1.39137	1.39137
cg27246938	LOC100134713;NDUFB2	0.0567647	0.643908	1.047	1.047	0.00722061	1.40788	1.40788	0.537293	0.940224	-1.06358	0.210447	1.13907	1.13907	0.996862	1.00039	1.00039
cg10943921	PLXND1	0.0567648	0.0492733	0.377172	-2.65131	0.0419488	0.361145	-2.76897	0.0470677	0.372541	-2.68427	0.664733	0.827409	-1.20859	0.0092935	0.238388	-4.19484
cg24875029	POU3F3	0.056765	0.0636101	1.59271	1.59271	0.649864	0.903034	-1.10738	0.838686	1.04654	1.04654	0.160753	1.39705	1.39705	0.493098	1.16806	1.16806
cg03014695	FRMD1;FRMD1	0.0567664	0.0445059	0.297026	-3.36671	0.59729	0.755407	-1.32379	0.0439454	0.295799	-3.38067	0.0552247	0.318721	-3.13754	0.00614067	0.15243	-6.5604
cg09833344	BTN2A3	0.0567664	0.204643	0.680365	-1.4698	0.010312	2.5345	2.5345	0.0179735	2.28701	2.28701	0.730248	0.905207	-1.10472	0.337574	0.752416	-1.32905
cg19483007	WWTR1;WWTR1;WWTR1	0.0567688	0.0172519	0.19293	-5.18321	0.0106082	0.161581	-6.18886	0.0437287	0.268502	-3.72436	0.183934	0.449552	-2.22444	0.0601815	0.300474	-3.32808
cg08142684	TCP1;TCP1	0.0567693	0.047167	0.717758	-1.39323	0.00751653	1.6525	1.6525	0.423691	1.12671	1.12671	0.300831	0.855105	-1.16945	0.27236	0.846358	-1.18153
cg13920644	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0567705	0.0541739	0.272682	-3.66728	0.0105804	0.147786	-6.76652	0.0337607	0.228963	-4.36752	0.266127	0.50207	-1.99176	0.0542196	0.272767	-3.66614
cg07116160	SLC24A1	0.0567708	0.305092	0.672492	-1.48701	0.0345089	0.398077	-2.51208	0.0697687	0.468773	-2.13323	0.039665	0.41117	-2.43209	0.326233	0.684763	-1.46036
cg05509609	PF4	0.0567719	0.0516692	0.266916	-3.74649	0.576517	0.714269	-1.40003	0.0879321	0.325246	-3.07459	0.50861	0.670372	-1.49171	0.0147657	0.167068	-5.98559
cg03315054	TRIO	0.0567724	0.567995	1.27903	1.27903	0.00199733	6.42761	6.42761	0.0922327	2.204	2.204	0.152144	0.519889	-1.92349	0.977413	1.01215	1.01215
cg06867910	SLC7A5	0.0567726	0.349576	1.19958	1.19958	0.032048	0.622106	-1.60744	0.225394	0.786146	-1.27203	0.352412	1.19823	1.19823	0.426697	0.857806	-1.16576
cg02023138	BIN2	0.0567745	0.0273378	0.132388	-7.55357	0.0549118	0.185277	-5.39734	0.112074	0.261855	-3.8189	0.0876637	0.232235	-4.30598	0.0256828	0.128438	-7.78586
cg16086130	ALDH1A3	0.0567746	0.802059	0.803769	-1.24414	0.840312	0.839077	-1.19179	0.82758	0.827209	-1.20888	0.4573	1.93149	1.93149	0.455711	0.516488	-1.93615
cg07265976	FAM193A	0.0567755	0.0622593	1.45032	1.45032	0.573367	0.904124	-1.10604	0.406428	1.16235	1.16235	0.0710694	0.699643	-1.4293	0.101041	1.37452	1.37452
cg01199618	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0567775	0.543771	1.46054	1.46054	0.00472108	10.1152	10.1152	0.00541036	9.55184	9.55184	0.699502	1.2701	1.2701	0.61056	1.37247	1.37247
cg25591996	PIK3R5;PIK3R5	0.0567779	0.940386	1.01341	1.01341	0.00792434	0.545193	-1.83421	0.454949	1.1452	1.1452	0.808298	0.957621	-1.04425	0.16812	0.769763	-1.2991
cg10479325	MFSD8;C4orf29	0.056778	0.556441	0.764673	-1.30775	0.294465	1.63305	1.63305	0.85501	1.086	1.086	0.00238525	0.148108	-6.75183	0.575018	0.774519	-1.29112
cg22023664	GNG7	0.0567784	0.0221137	0.575965	-1.73622	0.160414	0.739706	-1.35189	0.0387757	0.618083	-1.61791	0.127879	0.718234	-1.3923	0.0497094	0.637556	-1.56849
cg09895029	ZNF3;ZNF3	0.0567801	0.291303	1.28683	1.28683	0.0475023	1.68548	1.68548	0.847961	0.95676	-1.04519	0.312597	1.27195	1.27195	0.0517796	0.600662	-1.66483
cg23051282	RPTOR;RPTOR	0.0567843	0.922194	1.0277	1.0277	0.339202	0.759142	-1.31728	0.982352	0.993832	-1.00621	0.956523	1.01537	1.01537	0.0574668	1.82401	1.82401
cg03664391	SCN2B	0.0567855	0.841232	0.945128	-1.05806	0.00933854	0.395473	-2.52862	0.0133051	0.421892	-2.37028	0.555133	0.845403	-1.18287	0.147094	1.54929	1.54929
cg23739994	GPR83	0.0567859	0.997964	1.00142	1.00142	0.529145	1.42605	1.42605	0.456083	0.655365	-1.52587	0.383166	0.607851	-1.64514	0.0244765	0.224926	-4.4459
cg12938015	SC5DL;SC5DL;SC5DL	0.0567872	0.785794	0.971625	-1.0292	0.222377	1.14511	1.14511	0.272829	0.88639	-1.12817	0.336606	1.11037	1.11037	0.705494	1.04093	1.04093
cg19333883	ADAMTS15	0.0567874	0.0510058	3.85994	3.85994	0.0117017	6.78105	6.78105	0.0791874	3.26828	3.26828	0.104887	2.93556	2.93556	0.507272	1.50501	1.50501
cg22460204	POU6F2;POU6F2	0.056788	0.136608	0.510636	-1.95834	0.0535793	0.399028	-2.50609	0.744665	1.14678	1.14678	0.86105	1.07619	1.07619	0.00451662	0.204744	-4.88414
cg03754153	ALDH4A1;ALDH4A1;ALDH4A1	0.0567885	0.220467	0.702769	-1.42294	0.0302951	0.497925	-2.00833	0.297062	0.743779	-1.34449	0.168676	0.669253	-1.4942	0.00445421	0.353881	-2.82581
cg00849642	CORO1C	0.0567902	0.31156	0.775278	-1.28986	0.73188	0.919783	-1.08721	0.078526	0.621824	-1.60817	0.0434918	0.568671	-1.75849	0.0699583	0.611017	-1.63662
cg04175739	KCNK12	0.0567903	0.0183251	0.222674	-4.49086	0.161268	2.19238	2.19238	0.452987	0.669565	-1.49351	0.400038	1.57146	1.57146	0.0168957	0.216729	-4.61406
cg03805769	TDH	0.0567907	0.0749254	0.261994	-3.81689	0.00822301	0.10198	-9.80584	0.015621	0.135091	-7.4024	0.664698	1.34245	1.34245	0.0430492	0.207605	-4.81683
cg05577437	DLGAP2	0.056792	0.247186	0.807086	-1.23903	0.09719	1.38048	1.38048	0.0444197	1.50518	1.50518	0.945269	0.987913	-1.01224	0.293902	0.824611	-1.21269
cg24798414	KCNB2	0.0567936	0.249035	1.31695	1.31695	0.179297	0.721829	-1.38537	0.868284	0.962783	-1.03866	0.00701239	0.450825	-2.21816	0.808044	0.945898	-1.0572
cg18134411	DUSP22	0.0567942	0.0208474	0.27422	-3.6467	0.501272	0.72794	-1.37374	0.0207922	0.274007	-3.64954	0.0857731	0.413386	-2.41904	0.019845	0.270279	-3.69989
cg14910646	NDUFA9	0.0567944	0.102515	0.364422	-2.74407	0.0234582	0.216679	-4.61513	0.109681	0.373336	-2.67855	0.185688	0.452552	-2.20969	0.00884212	0.152133	-6.57321
cg06236573	LOXL4	0.0567949	0.069887	0.722329	-1.38441	0.851936	1.03044	1.03044	0.127229	0.767447	-1.30302	0.0973607	0.746807	-1.33903	0.215557	1.23267	1.23267
cg05363616	TBX15	0.056795	0.774528	0.871232	-1.1478	0.0602458	2.7653	2.7653	0.0817718	2.52371	2.52371	0.62706	0.790572	-1.26491	0.586743	0.768419	-1.30137
cg15003737	PAK1;PAK1	0.0567959	0.0933392	2.50762	2.50762	0.154444	2.13657	2.13657	0.113218	2.35974	2.35974	0.0237266	3.83684	3.83684	0.0613552	2.85737	2.85737
cg07249888	PCSK6;PCSK6	0.0567974	0.00531163	0.327552	-3.05295	0.232629	0.683659	-1.46272	0.093245	0.570639	-1.75242	0.0288301	0.456956	-2.1884	0.0170051	0.41304	-2.42107
cg26955287	ASPSCR1	0.056798	0.0616861	0.454286	-2.20126	0.00771984	0.277173	-3.60785	0.468042	0.758191	-1.31893	0.436812	0.742749	-1.34635	0.0603536	0.451979	-2.21249
cg20659657	JOSD1	0.0567981	0.356631	1.19189	1.19189	0.0144201	0.572176	-1.74771	0.0986172	0.715103	-1.3984	0.233954	0.793719	-1.25989	0.0513176	0.6631	-1.50807
cg20823406	ATP1A4;ATP1A4	0.0568011	0.0629202	0.394877	-2.53243	0.180824	0.532049	-1.87953	0.555164	0.767169	-1.30349	0.565853	1.29403	1.29403	0.00916939	0.230038	-4.34711
cg26816426	JPH1	0.0568019	0.880022	0.978823	-1.02163	0.340064	1.14951	1.14951	0.0380529	0.711228	-1.40602	0.393392	1.13189	1.13189	0.0341408	1.41953	1.41953
cg24317255	RGS17	0.0568048	0.127153	0.817213	-1.22367	0.0948732	1.25181	1.25181	0.0222113	1.39851	1.39851	0.17435	1.19339	1.19339	0.723934	1.04435	1.04435
cg00239419	TUBD1;RPS6KB1	0.0568056	0.00516819	0.217775	-4.5919	0.501116	0.754343	-1.32566	0.934002	1.03479	1.03479	0.142409	0.521515	-1.91749	0.184908	0.559608	-1.78696
cg06659629	PDE6B;PDE6B;PDE6B	0.0568072	0.0347742	0.14721	-6.793	0.963689	1.03608	1.03608	0.701672	0.741062	-1.34942	0.809926	0.828938	-1.20636	0.046458	0.169363	-5.90449
cg19721680	PPPDE1	0.0568104	?	?	?	?	?	?	0.360638	0.763559	-1.30966	0.277936	0.712765	-1.40299	0.224977	1.48867	1.48867
cg10750264	KCNS3	0.0568117	0.0477355	3.79808	3.79808	0.862958	0.903172	-1.10721	0.126181	0.377051	-2.65216	0.035347	4.23999	4.23999	0.897356	1.07905	1.07905
cg03847895	ANKRD52	0.0568149	0.0573574	0.545752	-1.83233	0.219599	1.43855	1.43855	0.710321	1.11082	1.11082	0.00704391	0.37484	-2.6678	0.0406997	0.51396	-1.94568
cg20665967	CRADD	0.0568167	0.376997	1.20238	1.20238	0.0972571	1.44773	1.44773	0.0160416	0.549241	-1.82069	0.74218	1.06942	1.06942	0.648142	1.09791	1.09791
cg00294534	PSMG3;PSMG3	0.0568182	0.0524501	0.292998	-3.41299	0.0081292	0.151673	-6.59313	0.0725975	0.327905	-3.04966	0.368108	0.597743	-1.67296	0.0245849	0.225297	-4.43859
cg02669888	NOTCH4	0.0568183	0.0621276	0.318233	-3.14235	0.00915323	0.164537	-6.07765	0.0230077	0.227096	-4.40343	0.23128	0.504314	-1.98289	0.0227011	0.226053	-4.42374
cg20290360	NFASC;NFASC;NFASC;NFASC	0.0568184	0.474002	1.36272	1.36272	0.544928	1.29746	1.29746	0.0232928	0.315898	-3.16558	0.137384	1.97394	1.97394	0.151345	0.520256	-1.92213
cg03575969	STARD10	0.0568189	0.114822	0.514863	-1.94226	0.316829	1.49274	1.49274	0.154373	1.80437	1.80437	0.1662	1.77102	1.77102	0.096804	0.493775	-2.02521
cg12348588	BTBD17	0.0568193	0.603883	1.32866	1.32866	0.403337	1.59089	1.59089	0.239559	0.512406	-1.95158	0.525796	0.705369	-1.4177	0.171129	2.20593	2.20593
cg02393380	SDCBP2	0.0568197	0.0237763	0.150554	-6.64213	0.11807	0.303978	-3.28972	0.0530069	0.213765	-4.67804	0.384347	0.534794	-1.86988	0.0151894	0.123369	-8.10578
cg04808029	NKX3-2	0.0568201	?	?	?	0.194122	1.98457	1.98457	0.0217946	4.06299	4.06299	0.922593	0.953064	-1.04925	0.175532	0.487112	-2.05291
cg21142512	ITPR1;ITPR1;EGOT;ITPR1	0.0568211	0.622591	0.875193	-1.1426	0.0254056	0.489713	-2.04201	0.0180067	0.461966	-2.16466	0.55955	1.17182	1.17182	0.90156	0.967294	-1.03381
cg07257747	ADAM19	0.0568215	0.0173631	0.333442	-2.99903	0.1415	0.54915	-1.821	0.029445	0.378238	-2.64384	0.113099	0.520089	-1.92275	0.0746944	0.471096	-2.12271
cg27486585	HLA-E	0.0568223	0.207615	0.589308	-1.69691	0.0567836	2.35852	2.35852	0.346861	0.680113	-1.47034	0.0810925	0.463166	-2.15905	0.00562291	0.235387	-4.24832
cg25122824	MAD1L1;MAD1L1;MAD1L1	0.0568227	0.0200535	0.461292	-2.16782	0.147692	0.651581	-1.53473	0.224013	0.703093	-1.42229	0.789056	1.07675	1.07675	0.0092991	0.402537	-2.48424
cg09790959	TFDP1;TFDP1	0.0568231	0.237464	1.19051	1.19051	0.31456	1.15783	1.15783	0.687154	0.944551	-1.0587	0.0509584	1.3679	1.3679	0.219487	1.19955	1.19955
cg11611856	UAP1L1	0.0568232	0.0483146	5.14026	5.14026	0.0261342	6.78545	6.78545	0.0997667	3.7016	3.7016	0.0983251	3.72634	3.72634	0.0610317	4.62647	4.62647
cg15059513	RBM15	0.0568242	0.410913	1.14297	1.14297	0.00177921	2.02782	2.02782	0.225095	1.22444	1.22444	0.73968	1.05442	1.05442	0.417429	1.14076	1.14076
cg21606237	STX17	0.0568247	0.846358	1.05054	1.05054	0.00349917	2.73673	2.73673	0.0790645	1.64138	1.64138	0.960407	0.987463	-1.0127	0.256323	0.739989	-1.35137
cg15777606	JARID2	0.0568248	0.851383	0.961418	-1.04013	0.286144	1.2616	1.2616	0.425905	1.18597	1.18597	0.912689	0.977253	-1.02328	0.00452057	0.452144	-2.21169
cg18182358	ST3GAL6	0.0568249	0.352682	1.45948	1.45948	0.273922	0.637082	-1.56966	0.703471	0.860161	-1.16257	0.888394	0.946226	-1.05683	0.103267	2.03658	2.03658
cg27305357	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.056826	0.0233671	3.75344	3.75344	0.131781	2.21267	2.21267	0.189422	1.97119	1.97119	0.18211	1.99648	1.99648	0.0197714	3.9515	3.9515
cg22065124	KLF5	0.0568263	0.0278533	2.43821	2.43821	0.275579	1.47541	1.47541	0.244654	1.51792	1.51792	0.825246	1.07878	1.07878	0.0102531	3.03308	3.03308

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00755505	0.823994	1.03766	1.03766	0.600577	0.916052	-1.09164	0.451761	0.880518	-1.1357	0.00601332	0.551145	-1.8144	3.22819	1.40843	0.387814	1
cg18154784	0.554915	0.728763	-1.37219	0.0121113	0.190686	-5.24421	0.370433	1.62791	1.62791	0.906529	0.939664	-1.06421	3.22818	14.3517	3.95179	1
cg04287686	0.303757	1.43924	1.43924	0.0417405	0.448261	-2.23084	0.142053	0.582982	-1.71532	0.641082	1.1741	1.1741	3.22817	5.97471	1.64516	1
cg07645888	0.445552	1.39568	1.39568	0.0289927	0.331686	-3.0149	0.642705	0.818493	-1.22176	0.896356	0.945658	-1.05746	3.22817	9.39699	2.58749	1
cg03305004	0.53192	0.641603	-1.5586	0.00206211	0.0477423	-20.9458	0.941701	0.950027	-1.0526	0.0696252	0.241156	-4.14669	3.22816	25.1179	6.91632	1
cg03439703	0.680153	0.878021	-1.13893	0.00313017	0.281465	-3.55284	0.941767	0.977335	-1.02319	0.835904	0.936985	-1.06725	3.22816	5.03471	1.38633	1
cg16649771	0.183858	0.767762	-1.30249	0.0382952	0.637624	-1.56832	0.159113	0.754211	-1.32589	0.448535	1.15578	1.15578	3.22814	1.79639	0.494648	1
cg04899681	0.150849	0.337268	-2.96501	0.003776	0.063351	-15.7851	0.0290365	0.162584	-6.15067	0.148127	0.334467	-2.98983	3.2281	25.4801	7.01619	1
cg03021802	0.0865917	1.77878	1.77878	0.155931	1.58704	1.58704	0.787282	1.08577	1.08577	0.171237	1.55774	1.55774	3.22809	4.73278	1.30322	1
cg27594834	0.937694	1.01157	1.01157	0.249845	0.837848	-1.19353	0.176967	0.809671	-1.23507	0.157877	0.800806	-1.24874	3.22807	1.10649	0.304686	1
cg17053098	0.2422	1.27583	1.27583	0.0756968	1.48211	1.48211	0.770618	0.943476	-1.05991	0.525309	0.879768	-1.13666	3.22807	2.02492	0.557588	1
cg23001000	0.589171	0.831266	-1.20298	0.394248	1.34417	1.34417	0.00599127	0.295966	-3.37877	0.876411	1.05417	1.05417	3.22806	5.8739	1.61746	1
cg02246734	0.689872	0.898347	-1.11316	0.00120753	3.55004	3.55004	0.850014	0.950663	-1.0519	0.504458	0.834411	-1.19845	3.22805	3.65187	1.00559	1
cg02162534	0.36643	0.627722	-1.59306	0.0275354	0.270361	-3.69876	0.242891	1.84649	1.84649	0.252809	0.549129	-1.82107	3.22804	12.8758	3.54556	1
cg06035200	0.603877	1.33285	1.33285	0.460901	0.662273	-1.50995	0.00357127	8.72967	8.72967	0.744446	1.19668	1.19668	3.228	15.4051	4.24207	1
cg20063450	0.145011	0.574205	-1.74154	0.00752599	0.295505	-3.38403	0.0262716	0.39288	-2.54531	0.369053	0.721087	-1.3868	3.22799	6.42297	1.76868	1
cg21594961	0.151485	0.295997	-3.37842	0.0236299	0.117586	-8.50443	0.507386	0.58698	-1.70364	0.100079	0.239951	-4.16752	3.22799	32.0802	8.83389	1
cg07717512	0.591734	1.40615	1.40615	0.916822	1.06798	1.06798	0.0408636	4.41967	4.41967	0.851926	1.12485	1.12485	3.22796	20.2645	5.58028	1
cg02484455	0.0956725	2.47769	2.47769	0.629379	1.27261	1.27261	0.626698	1.27505	1.27505	0.277022	1.7515	1.7515	3.22786	12.5638	3.45983	1
cg12390344	0.224301	3.80452	3.80452	0.00943036	31.3234	31.3234	0.0186354	19.7947	19.7947	0.931176	0.91355	-1.09463	3.22786	56.0139	15.4251	1
cg24766104	0.0391049	0.757601	-1.31996	0.0495598	0.770675	-1.29756	0.577672	0.936699	-1.06758	0.6899	1.04773	1.04773	3.22781	0.690987	0.190287	1
cg05124692	0.399455	0.689989	-1.4493	0.0155932	0.279233	-3.58124	0.0049144	0.201276	-4.9683	0.392119	0.6858	-1.45815	3.22781	9.46083	2.60537	1
cg02837128	0.942229	0.961997	-1.0395	0.011379	0.183854	-5.4391	0.175913	0.463339	-2.15825	0.524401	0.708318	-1.4118	3.22778	14.6093	4.0232	1
cg25947945	0.0223358	4.23643	4.23643	0.00993569	5.56922	5.56922	0.015518	4.78483	4.78483	0.059441	3.07101	3.07101	3.22774	14.2165	3.91509	1
cg14970695	0.0786257	0.196429	-5.09089	0.0572208	0.166563	-6.00372	0.125112	3.9873	3.9873	0.0872775	0.207425	-4.82101	3.22774	35.4859	9.7725	1
cg26963795	0.430796	0.854823	-1.16983	0.0806026	0.685225	-1.45938	0.0304322	0.60882	-1.64252	0.820279	1.04539	1.04539	3.22765	1.9452	0.535705	1
cg14942464	0.00955006	0.289346	-3.45607	0.462051	0.753612	-1.32694	0.190084	1.68934	1.68934	0.27047	1.54267	1.54267	3.22765	7.29739	2.00969	1
cg00174466	0.00839852	1.92667	1.92667	0.922518	0.981228	-1.01913	0.310925	1.22656	1.22656	0.128633	1.37699	1.37699	3.22765	1.93955	0.53415	1
cg11593247	0.490323	1.11966	1.11966	0.00970045	1.69523	1.69523	0.0765301	0.727734	-1.37413	0.0927787	0.742036	-1.34764	3.22761	1.33018	0.366333	1
cg01195214	0.692745	0.826255	-1.21028	0.025778	0.280165	-3.56932	0.00989861	4.78783	4.78783	0.894723	0.938357	-1.06569	3.2276	11.8053	3.25122	1
cg09423181	0.00939534	0.359912	-2.77845	0.633245	1.16088	1.16088	0.713672	1.12116	1.12116	0.0586326	0.515354	-1.94041	3.22758	4.92276	1.35575	1
cg16582978	0.0420825	0.534738	-1.87008	0.767159	1.08073	1.08073	0.231996	1.39101	1.39101	0.724154	0.911497	-1.0971	3.53447	3.32739	0.823734	1
cg14141102	0.883226	1.05347	1.05347	0.023673	2.60462	2.60462	0.162973	1.69517	1.69517	0.0758586	2.01416	2.01416	3.22753	6.42038	1.76823	1
cg16209444	0.190545	1.20526	1.20526	0.0101288	1.5479	1.5479	0.0149608	1.49626	1.49626	0.857242	0.97604	-1.02455	3.22752	0.92728	0.255381	1
cg10000775	0.158322	0.735391	-1.35982	0.411842	1.1865	1.1865	0.385768	1.19866	1.19866	0.556746	1.12877	1.12877	3.2275	2.12306	0.584713	1
cg10556222	0.255726	0.644374	-1.55189	0.516498	0.783765	-1.27589	0.120773	0.536202	-1.86497	0.0267992	0.378443	-2.64241	3.22749	7.01308	1.93149	1
cg05358175	0.636633	0.956362	-1.04563	0.00435361	0.699631	-1.42933	0.74283	0.9696	-1.03135	0.95148	0.994311	-1.00572	3.22747	0.449397	0.12377	1
cg18009484	0.406573	0.813186	-1.22973	0.0618416	0.599163	-1.66899	0.00302239	0.371569	-2.69129	0.471655	1.19522	1.19522	3.22746	3.0324	0.835166	1
cg12104333	0.527729	0.888266	-1.12579	0.381989	1.18062	1.18062	0.609677	1.10005	1.10005	0.794378	0.952781	-1.04956	3.22745	1.75301	0.482806	1
cg21233003	0.0726438	20.0626	20.0626	0.00723175	179.408	179.408	0.0145459	90.6417	90.6417	0.0562213	25.4741	25.4741	3.22742	114.606	31.5645	1
cg00196167	0.718659	0.949023	-1.05371	0.00876087	0.616994	-1.62076	0.723104	0.949849	-1.0528	0.890344	0.980247	-1.02015	3.2274	1.06918	0.294473	1
cg26972601	0.145581	1.38156	1.38156	0.0154277	1.84927	1.84927	0.847176	1.04072	1.04072	0.627451	0.903789	-1.10645	3.22739	2.18689	0.602314	1
cg13775054	0.255961	0.786501	-1.27145	0.143047	1.37543	1.37543	0.107624	1.42705	1.42705	0.322321	1.23005	1.23005	3.22738	2.09651	0.577424	1
cg05301383	0.0273488	0.315582	-3.16875	0.0520625	0.37669	-2.65471	0.613747	1.25213	1.25213	0.536906	0.758632	-1.31816	3.22735	9.97621	2.74769	1
cg00076854	0.485851	0.882166	-1.13357	0.437802	0.869249	-1.15042	0.72936	1.06342	1.06342	0.748127	0.944556	-1.0587	3.22729	1.60214	0.441275	1
cg20661176	0.0369118	1.88085	1.88085	0.3114	0.761107	-1.31387	0.71744	1.09936	1.09936	0.0942024	1.61543	1.61543	3.22726	3.47262	0.956469	1
cg10910862	0.192687	1.79508	1.79508	0.00687902	4.41438	4.41438	0.0548473	2.51948	2.51948	0.166345	1.87059	1.87059	3.22721	9.20361	2.535	1
cg12428514	0.0340561	0.142752	-7.00514	0.0128553	0.0879462	-11.3706	0.0366391	0.147957	-6.75873	0.270926	0.405764	-2.46449	3.22721	31.6515	8.71793	1
cg22048546	0.00895604	0.362962	-2.75511	0.754529	1.10034	1.10034	0.0309018	2.16538	2.16538	0.417358	1.28745	1.28745	3.22718	4.75012	1.30836	1
cg12054428	0.0769249	0.711115	-1.40624	0.0323514	0.647724	-1.54387	0.85882	0.969612	-1.03134	0.00947728	1.76783	1.76783	3.22717	1.53538	0.422902	1
cg17271223	0.0658377	0.503909	-1.98448	0.128512	0.57954	-1.72551	0.677005	0.870143	-1.14924	0.0536179	0.483	-2.07039	3.22717	5.63522	1.55216	1
cg02767634	0.754174	0.827676	-1.2082	0.381977	0.582835	-1.71575	0.963015	1.02831	1.02831	0.121184	0.363573	-2.75048	3.22714	18.5281	5.10342	1
cg07002498	0.226931	1.35294	1.35294	0.00287597	2.65634	2.65634	0.368668	1.24609	1.24609	0.897242	1.03127	1.03127	3.22713	2.90198	0.799329	1
cg03390449	0.0331069	0.194409	-5.14379	0.62253	0.72167	-1.38567	0.80544	1.17614	1.17614	0.242196	0.447234	-2.23597	3.2271	22.0883	6.0841	1
cg16623656	0.398184	0.856889	-1.16701	0.00632462	0.530033	-1.88667	0.390402	0.854589	-1.17015	0.0876654	0.714202	-1.40016	3.22709	1.6293	0.448784	1
cg27397787	0.778542	1.09869	1.09869	0.465963	1.28106	1.28106	0.225789	1.52906	1.52906	0.0065501	0.307547	-3.25154	3.22708	5.69623	1.56901	1
cg03340878	0.0277931	0.300426	-3.3286	0.0216211	0.279306	-3.5803	0.911572	0.949925	-1.05271	0.0995656	0.433997	-2.30416	3.22707	10.9291	3.01039	1
cg19856252	0.23464	0.621483	-1.60905	0.596466	0.815442	-1.22633	0.884038	0.945802	-1.0573	0.00170585	5.53121	5.53121	3.22707	7.45056	2.05224	1
cg22488998	0.0270494	0.0699153	-14.303	0.770625	1.33563	1.33563	0.007839	33.6372	33.6372	0.499855	1.9724	1.9724	3.4892	52.967	11.8069	1
cg11552829	0.850809	0.939764	-1.0641	0.180872	1.59801	1.59801	0.108586	1.78156	1.78156	0.0080223	3.0674	3.0674	3.22705	5.56405	1.53261	1
cg24886219	0.417658	1.22229	1.22229	0.0094316	2.21985	2.21985	0.0638781	1.65662	1.65662	0.0260118	1.89703	1.89703	3.22705	3.00185	0.826856	1
cg06267075	0.243197	1.4513	1.4513	0.576449	1.18781	1.18781	0.660752	0.873981	-1.14419	0.039735	0.484224	-2.06516	3.22703	4.75421	1.30955	1
cg03276401	0.421457	0.648841	-1.54121	0.449324	0.666252	-1.50093	0.198068	2.04733	2.04733	0.300308	0.568157	-1.76008	3.22703	14.1802	3.90595	1
cg15313320	0.322937	1.1793	1.1793	0.116027	0.758875	-1.31774	0.0405558	0.682474	-1.46526	0.776031	0.954972	-1.04715	3.22703	1.33353	0.367323	1
cg25521254	0.427098	0.812578	-1.23065	0.171889	0.689196	-1.45097	0.468344	1.20786	1.20786	0.318927	0.768249	-1.30166	3.22702	3.34822	0.922276	1
cg03680680	0.977572	1.00656	1.00656	0.616118	1.12482	1.12482	0.0781789	1.57673	1.57673	0.740462	0.925566	-1.08042	3.22702	2.76727	0.762251	1
cg27246938	0.334837	0.906522	-1.10312	0.891774	1.01352	1.01352	0.729749	0.96636	-1.03481	0.00781225	1.40063	1.40063	3.227	0.497609	0.137068	1
cg10943921	0.191664	0.548497	-1.82316	0.0281489	0.324185	-3.08466	0.0749203	0.422401	-2.36742	0.0561884	0.390777	-2.55901	3.227	9.64818	2.65763	1
cg24875029	0.160602	0.715696	-1.39724	0.484118	0.853258	-1.17198	0.73355	1.07924	1.07924	0.00302955	2.47634	2.47634	3.227	2.54565	0.70121	1
cg03014695	0.0313242	0.264771	-3.77685	0.109944	0.399839	-2.501	0.433153	0.65651	-1.52321	0.074767	0.351964	-2.8412	3.22697	14.1467	3.89681	1
cg09833344	0.194469	0.673719	-1.4843	0.565789	1.18179	1.18179	0.676663	1.12826	1.12826	0.37864	0.771128	-1.2968	3.22697	4.23135	1.16555	1
cg19483007	0.0648189	0.308446	-3.24205	0.0353856	0.249191	-4.01298	0.292806	0.538479	-1.85708	0.091985	0.3492	-2.86369	3.22691	16.4412	4.5289	1
cg08142684	0.429452	1.12498	1.12498	0.342686	0.866983	-1.15342	0.818193	0.96694	-1.03419	0.120201	1.27905	1.27905	3.2269	1.0895	0.300116	1
cg13920644	0.142912	0.392074	-2.55054	0.0189889	0.184727	-5.41339	0.052639	0.269803	-3.70641	0.103777	0.347214	-2.88007	3.22688	18.071	4.97792	1
cg07116160	0.301111	0.670132	-1.49224	0.0168349	2.97321	2.97321	0.823635	0.919988	-1.08697	0.639688	0.838492	-1.19262	3.22687	7.13332	1.96498	1
cg05509609	0.135499	0.383065	-2.61052	0.0136289	0.162027	-6.17182	0.0150771	0.168403	-5.93813	0.849869	0.893139	-1.11965	3.22685	18.1778	5.00737	1
cg03315054	0.864655	0.929835	-1.07546	0.82092	1.10151	1.10151	0.284077	1.60726	1.60726	0.714516	0.854994	-1.1696	3.22683	9.29277	2.55986	1
cg06867910	0.411248	0.853179	-1.17209	0.00412215	0.483321	-2.06902	0.0992322	0.710683	-1.4071	0.982934	1.00405	1.00405	3.22683	1.82519	0.502783	1
cg02023138	0.0427192	0.164203	-6.09003	0.0177128	0.107124	-9.33495	0.0495725	0.176382	-5.6695	0.071676	0.210656	-4.74709	3.22679	30.6524	8.44386	1
cg16086130	0.0225389	10.7606	10.7606	0.498153	1.81859	1.81859	0.00240352	39.5449	39.5449	0.346374	2.32404	2.32404	3.22679	38.6509	10.6472	1
cg07265976	0.171897	1.29383	1.29383	0.385485	1.1707	1.1707	0.020685	1.63808	1.63808	0.118035	0.74034	-1.35073	3.22677	1.60357	0.441742	1
cg01199618	0.769303	0.834192	-1.19877	0.951212	0.962984	-1.03844	0.176824	2.42296	2.42296	0.63449	1.34344	1.34344	3.22672	19.4194	5.3496	1
cg25591996	0.552668	1.11294	1.11294	0.0156707	1.69506	1.69506	0.308264	0.828722	-1.20668	0.676791	0.92804	-1.07754	3.22671	1.62187	0.446789	1
cg10479325	0.0995683	0.443001	-2.25733	0.282696	1.6545	1.6545	0.329317	1.57475	1.57475	0.962286	1.02156	1.02156	3.22671	10.397	2.86416	1
cg22023664	0.152723	0.734962	-1.36062	0.124482	1.39714	1.39714	0.921567	0.980394	-1.02	0.0450217	0.629721	-1.588	3.2267	2.0659	0.569113	1
cg09895029	0.655238	0.90168	-1.10904	0.743585	0.927195	-1.07852	0.00573936	2.30224	2.30224	0.912033	0.974871	-1.02578	3.22666	2.71029	0.746637	1
cg23051282	0.724377	1.10411	1.10411	0.00214021	3.34153	3.34153	0.394703	0.783603	-1.27616	0.476242	0.816583	-1.22462	3.22657	3.99873	1.10161	1
cg03664391	0.885189	0.960162	-1.04149	0.171172	1.50678	1.50678	0.604954	0.86344	-1.15816	0.711462	1.1102	1.1102	3.22655	4.04575	1.11457	1
cg23739994	0.0128361	0.17902	-5.58596	0.122706	2.53712	2.53712	0.379138	1.65247	1.65247	0.123474	2.5315	2.5315	3.22654	15.8357	4.36264	1
cg12938015	0.747882	1.03467	1.03467	0.00233785	0.638302	-1.56666	0.477364	1.07933	1.07933	0.209379	1.15005	1.15005	3.22651	0.570574	0.157191	1
cg19333883	0.148539	2.56415	2.56415	0.0157086	6.04435	6.04435	0.0194972	5.56062	5.56062	0.132611	2.68074	2.68074	3.2265	18.8692	5.19838	1
cg22460204	0.0847705	0.449822	-2.2231	0.6497	1.21122	1.21122	0.198274	1.76796	1.76796	0.525615	0.763721	-1.30938	3.22649	8.97556	2.47274	1
cg03754153	0.331574	0.76011	-1.3156	0.859782	1.04961	1.04961	0.0156648	0.444341	-2.25052	0.833097	0.943857	-1.05948	3.22648	3.83108	1.05545	1
cg00849642	0.714487	0.914543	-1.09344	0.0170808	2.02761	2.02761	0.528788	1.16782	1.16782	0.100225	0.645421	-1.54938	3.22644	3.02051	0.832153	1
cg04175739	0.190918	0.48354	-2.06808	0.337562	0.595269	-1.67991	0.0382964	0.28376	-3.52411	0.271763	0.548664	-1.82261	3.22644	14.0678	3.8757	1
cg03805769	0.456374	1.66907	1.66907	0.841393	0.873449	-1.14489	0.572303	0.68023	-1.47009	0.490044	0.622827	-1.60558	3.22643	23.3033	6.42011	1
cg05577437	0.260767	1.23092	1.23092	0.0306048	1.56827	1.56827	0.581962	0.906208	-1.1035	0.0420974	0.660458	-1.5141	3.2264	1.60325	0.441703	1
cg24798414	0.199711	1.36287	1.36287	0.0566483	1.63725	1.63725	0.143702	0.698379	-1.43189	0.608872	0.888758	-1.12517	3.22637	2.66822	0.735114	1
cg18134411	0.143752	0.481548	-2.07664	0.019251	0.267873	-3.73312	0.578526	0.770228	-1.29832	0.0657696	0.382694	-2.61306	3.22635	11.0588	3.04679	1
cg14910646	0.915296	1.06195	1.06195	0.0114278	0.167231	-5.97974	0.536308	0.702011	-1.42448	0.238921	0.498152	-2.00742	3.22635	16.3112	4.49388	1
cg06236573	0.695537	1.06515	1.06515	0.00700602	1.74996	1.74996	0.78538	1.04478	1.04478	0.57665	1.09474	1.09474	3.22634	1.31598	0.362566	1
cg05363616	0.750655	0.858118	-1.16534	0.646463	0.801187	-1.24815	0.00254952	7.45695	7.45695	0.952371	1.02908	1.02908	3.22634	11.7707	3.24294	1
cg15003737	0.209208	1.93338	1.93338	0.0382759	3.30651	3.30651	0.00844708	5.33869	5.33869	0.0301731	3.55975	3.55975	3.22632	12.6762	3.49245	1
cg07249888	0.845685	1.06099	1.06099	0.3971	0.768391	-1.30142	0.734461	0.901728	-1.10898	0.1732	0.643816	-1.55324	3.22628	4.71698	1.2996	1
cg26955287	0.0668494	0.462886	-2.16036	0.318989	0.679689	-1.47126	0.00837389	0.28282	-3.53582	0.840501	0.927237	-1.07847	3.22627	7.18208	1.97878	1
cg20659657	0.227741	0.791024	-1.26418	0.0208944	0.597701	-1.67308	0.243532	1.25348	1.25348	0.734913	0.939015	-1.06495	3.22627	1.75161	0.482597	1
cg20823406	0.0257557	0.308486	-3.24164	0.0303319	0.322822	-3.09768	0.186276	0.536718	-1.86318	0.0602451	0.390168	-2.563	3.2262	10.0776	2.77659	1
cg26816426	0.140401	0.798714	-1.25201	0.0667458	1.33815	1.33815	0.266557	0.848708	-1.17826	0.120259	0.787552	-1.26976	3.22618	1.02606	0.282705	1
cg24317255	0.775923	0.965685	-1.03553	0.0263746	0.724547	-1.38017	0.15244	1.20629	1.20629	0.729902	1.04332	1.04332	3.22612	0.764961	0.210769	1
cg00239419	0.836126	1.08928	1.08928	0.124141	0.502868	-1.98859	0.956055	0.977506	-1.02301	0.00831638	0.248416	-4.02551	3.2261	8.70909	2.39962	1
cg06659629	0.0747211	0.21318	-4.69087	0.103612	0.250116	-3.99814	0.00356481	0.0462262	-21.6327	0.186498	0.336099	-2.97531	3.22607	30.973	8.53409	1
cg19721680	0.510719	1.19962	1.19962	0.012684	0.132991	-7.5193	?	?	?	0.133657	0.569644	-1.75548	16.9314	8.34545	0.164299	1
cg10750264	0.33175	0.554165	-1.80452	0.0924837	0.335724	-2.97864	0.0458563	3.85433	3.85433	0.208754	2.18392	2.18392	3.22597	17.754	4.89198	1
cg03847895	0.317009	0.747226	-1.33828	0.100173	0.602056	-1.66097	0.105884	0.608029	-1.64466	0.544542	0.841335	-1.18859	3.2259	4.05419	1.11712	1
cg20665967	0.555973	1.12872	1.12872	0.00809047	1.99271	1.99271	0.803719	0.950632	-1.05193	0.599865	0.89797	-1.11362	3.22586	2.11178	0.581902	1
cg00294534	0.122893	0.394386	-2.53559	0.0161297	0.19424	-5.14828	0.20351	0.473731	-2.1109	0.162613	0.436154	-2.29277	3.22583	15.8301	4.36204	1
cg02669888	0.093132	0.365294	-2.73752	0.0681242	0.328341	-3.04562	0.0597849	0.314114	-3.18356	0.290752	0.550061	-1.81798	3.22582	15.1854	4.18439	1
cg20290360	0.28579	1.60185	1.60185	0.263236	0.609139	-1.64166	0.0412424	2.72033	2.72033	0.0823363	2.26581	2.26581	3.22582	9.22867	2.543	1
cg03575969	0.544589	0.788675	-1.26795	0.0850226	0.478431	-2.09017	0.0158545	3.13901	3.13901	0.825714	1.08913	1.08913	3.22581	7.65687	2.10989	1
cg12348588	0.165584	2.23196	2.23196	0.00248578	9.80245	9.80245	0.115101	2.53493	2.53493	0.67092	0.792915	-1.26117	3.2258	15.0594	4.1497	1
cg02393380	0.13804	0.326094	-3.0666	0.00921088	0.0982961	-10.1733	0.196662	0.383707	-2.60616	0.0717173	0.243916	-4.09976	3.22579	25.1549	6.9316	1
cg04808029	0.0163117	0.223121	-4.48187	0.314723	0.596394	-1.67674	0.332879	1.64281	1.64281	0.850896	0.911111	-1.09756	3.53234	11.9091	2.95001	1
cg21142512	0.342563	1.30053	1.30053	0.429587	1.24194	1.24194	0.0638317	0.571306	-1.75038	0.0290194	0.50079	-1.99685	3.22576	3.6892	1.0166	1
cg07257747	0.0833937	0.483561	-2.06799	0.0700804	0.464046	-2.15496	0.965299	0.983642	-1.01663	0.0107547	0.296716	-3.37022	3.22575	7.34302	2.02344	1
cg27486585	0.843019	0.924127	-1.0821	0.70543	0.859737	-1.16315	0.096159	0.48331	-2.06907	0.226472	0.603264	-1.65765	3.22573	8.09121	2.22963	1
cg25122824	0.0274336	0.487044	-2.0532	0.0318442	0.499713	-2.00115	0.847598	0.948324	-1.05449	0.39114	0.784817	-1.27418	3.22573	3.88526	1.07063	1
cg09790959	0.240158	1.18921	1.18921	0.00555296	0.598478	-1.6709	0.69899	1.05628	1.05628	0.263197	1.17864	1.17864	3.22572	1.01435	0.279518	1
cg11611856	0.353222	1.99984	1.99984	0.0127512	9.4425	9.4425	0.0306977	6.30771	6.30771	0.0346814	5.96908	5.96908	3.22572	26.8942	7.41105	1
cg15059513	0.938585	0.987829	-1.01232	0.103081	0.753232	-1.32761	0.932237	1.01361	1.01361	0.293262	1.18918	1.18918	3.22569	1.29025	0.355549	1
cg21606237	0.959759	0.987259	-1.01291	0.871553	0.959711	-1.04198	0.0526801	1.75029	1.75029	0.124788	1.52548	1.52548	3.22568	3.2996	0.909259	1
cg15777606	0.6096	0.89759	-1.11409	0.0205312	1.79583	1.79583	0.973648	0.993094	-1.00695	0.620986	0.900721	-1.11022	3.22568	2.24833	0.619565	1
cg18182358	0.00289145	0.182905	-5.46733	0.161447	0.551787	-1.81229	0.731505	1.14528	1.14528	0.659309	1.19101	1.19101	3.4876	8.37723	1.86823	1
cg27305357	0.583923	0.763374	-1.30997	0.0672224	2.72193	2.72193	0.0136241	4.43678	4.43678	0.0724829	2.66024	2.66024	3.22565	12.176	3.35533	1
cg22065124	0.274577	1.47671	1.47671	0.00969635	3.07125	3.07125	0.10742	1.82669	1.82669	0.0466213	2.18432	2.18432	3.22565	6.00689	1.65531	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01316535	ZNF121	0.0568279	0.68523	0.914212	-1.09384	0.988922	0.996949	-1.00306	0.407024	0.829705	-1.20525	0.0920654	0.664874	-1.50404	0.284935	1.27694	1.27694	0.0602839	0.627278	-1.59419	0.00388002	0.42484	-2.35383	0.277478	0.779903	-1.28221	0.0431501	0.599251	-1.66875	3.22561	2.47485	0.681999	1
cg09228878	JMY;JMY	0.0568301	0.570799	0.956501	-1.04548	0.796553	1.02026	1.02026	0.243309	1.09941	1.09941	0.638904	0.963975	-1.03737	0.986223	1.00134	1.00134	0.470805	0.944639	-1.05861	0.00474037	1.33803	1.33803	0.35541	1.07659	1.07659	0.0111153	1.28034	1.28034	3.22556	0.307874	0.0848428	1
cg22170732	SPG20;SPG20;SPG20;SPG20	0.0568308	0.293215	1.18887	1.18887	0.840491	0.968532	-1.03249	0.110229	0.758666	-1.3181	0.00571103	0.562677	-1.77722	0.0931106	0.745943	-1.34058	0.681151	1.06775	1.06775	0.787348	1.04383	1.04383	0.137342	1.28904	1.28904	0.258956	1.20547	1.20547	3.22555	1.28607	0.354412	1
cg06779961	OPRD1	0.0568324	0.495276	0.860166	-1.16257	0.0559591	0.624388	-1.60157	0.923832	0.979413	-1.02102	0.564587	1.13505	1.13505	0.479554	0.85526	-1.16923	0.0437646	0.603997	-1.65564	0.0270704	0.565931	-1.767	0.0256139	0.561683	-1.78036	0.0876956	1.50687	1.50687	3.22551	2.41731	0.666165	1
cg04180668	PARK2;PACRG;PARK2;PACRG;PACRG;PARK2	0.0568328	0.60754	0.935397	-1.06906	0.316583	1.1428	1.1428	0.762818	0.961733	-1.03979	0.579716	0.930424	-1.07478	0.16766	1.20876	1.20876	0.259453	1.16377	1.16377	0.0449517	0.743298	-1.34536	0.00417608	0.609675	-1.64022	0.933695	1.01078	1.01078	3.2255	0.849017	0.233973	1
cg00579105	CLIC1	0.056834	0.291496	1.75204	1.75204	0.0941732	2.56715	2.56715	0.0777248	2.73043	2.73043	0.561674	1.35073	1.35073	0.858637	1.09564	1.09564	0.0118769	4.99747	4.99747	0.0116188	5.03402	5.03402	0.0454151	3.24043	3.24043	0.032697	3.59802	3.59802	3.22548	13.4092	3.69536	1
cg13556806	GATAD2A	0.0568343	0.716183	0.910477	-1.09833	0.14388	1.4968	1.4968	0.908981	0.971051	-1.02981	0.138662	1.506	1.506	0.00314504	0.354572	-2.8203	0.562479	1.16231	1.16231	0.181421	0.694603	-1.43967	0.383176	0.794769	-1.25823	0.376152	0.791923	-1.26275	3.22547	3.3705	0.928856	1
cg09007331	PPM1L	0.0568343	0.0250298	0.300412	-3.32877	0.369591	0.659921	-1.51533	0.0707292	0.402168	-2.48652	0.16096	0.508954	-1.96482	0.0244866	0.298552	-3.3495	0.0354787	0.331437	-3.01717	0.0208606	0.285275	-3.50539	0.472263	0.719074	-1.39068	0.0194544	0.279657	-3.57581	3.22547	10.3936	2.86432	1
cg16231757	TREML2P	0.056835	0.438702	0.811747	-1.23191	0.895657	0.965945	-1.03526	0.00184858	0.311236	-3.213	0.502546	0.835534	-1.19684	0.387296	1.26364	1.26364	0.278107	0.742442	-1.34691	0.079163	0.597698	-1.67309	0.867782	1.04498	1.04498	0.0907698	0.611386	-1.63563	3.22546	3.56192	0.981615	1
cg01613337	EPC2	0.0568356	0.0487985	0.316068	-3.16387	0.0804602	0.370659	-2.6979	0.656451	0.795199	-1.25755	0.541079	1.3726	1.3726	0.297654	1.73785	1.73785	0.0593732	0.336406	-2.9726	0.462608	0.681989	-1.4663	0.894631	0.93442	-1.07018	0.0047191	0.146365	-6.83225	3.22544	13.3846	3.68862	1
cg17412043	C1orf77	0.0568367	0.0208495	0.295286	-3.38654	0.0923441	0.443734	-2.2536	0.874433	0.932986	-1.07183	0.856762	1.08247	1.08247	0.0184847	0.285589	-3.50154	0.0890702	0.439342	-2.27613	0.0213467	0.297218	-3.36453	0.029494	0.324868	-3.07817	0.267275	0.602358	-1.66014	3.22542	9.8273	2.7083	1
cg10232580	MTUS1;MTUS1	0.0568371	0.289781	1.5133	1.5133	0.00438904	4.19682	4.19682	0.601563	1.21975	1.21975	0.352026	1.43494	1.43494	0.59088	1.22706	1.22706	0.960135	0.98133	-1.01903	0.775362	0.897734	-1.11392	0.00605291	3.86423	3.86423	0.878293	0.943857	-1.05948	3.22541	7.26264	2.00151	1
cg25250414	PTPN9;PTPN9	0.0568389	0.900659	1.03866	1.03866	0.416152	0.776924	-1.28713	0.55191	0.832937	-1.20057	0.00300111	0.290521	-3.44209	0.521707	1.21804	1.21804	0.0231691	0.43845	-2.28076	0.545634	1.20413	1.20413	0.171362	0.642544	-1.55631	0.725608	1.11296	1.11296	3.22537	4.71236	1.29869	1
cg10754215	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0568393	0.124354	0.314337	-3.18129	0.00266117	17.9949	17.9949	0.848693	1.14207	1.14207	0.605327	0.695894	-1.437	0.750189	1.24878	1.24878	0.351676	1.94765	1.94765	0.258238	0.440221	-2.27159	0.135773	3.05905	3.05905	0.60552	1.43672	1.43672	3.22536	24.71	6.80991	1
cg03680996	TMEM14C;TMEM14C	0.0568399	0.0104793	0.19487	-5.13163	0.0673912	0.353306	-2.8304	0.331583	0.601384	-1.66283	0.586917	0.756931	-1.32112	0.011256	0.199522	-5.01197	0.191925	0.495975	-2.01623	0.0160524	0.224032	-4.46364	0.448111	0.675399	-1.48061	0.0994085	0.399781	-2.50137	3.22535	13.1637	3.62786	1
cg06736312	SKI	0.0568447	0.188316	2.29604	2.29604	0.00489352	9.24129	9.24129	0.0148143	5.97584	5.97584	0.083153	3.13875	3.13875	0.794284	0.855718	-1.16861	0.085754	3.10284	3.10284	0.082403	3.14939	3.14939	0.210905	2.1946	2.1946	0.369225	1.73304	1.73304	3.22524	18.1611	5.00526	1
cg09386139	PHF23	0.056846	0.00273494	0.0706791	-14.1485	0.442387	0.605444	-1.65168	0.756001	0.818983	-1.22103	0.350587	0.540362	-1.85061	0.41667	0.587549	-1.70198	0.569963	1.44459	1.44459	0.0507494	0.240275	-4.1619	0.85666	1.12281	1.12281	0.0292911	0.193011	-5.18104	3.22521	20.9648	5.77803	1
cg12080306	YPEL2	0.0568463	0.715657	1.22066	1.22066	0.00175195	11.3682	11.3682	0.0218879	4.47754	4.47754	0.871114	1.09253	1.09253	0.841606	1.11522	1.11522	0.131071	2.43158	2.43158	0.590759	1.34429	1.34429	0.278197	1.84887	1.84887	0.344724	1.69967	1.69967	3.22521	15.1737	4.18197	1
cg09169739	GFPT2	0.056848	0.0288	0.200311	-4.99225	0.0113784	0.13866	-7.2119	0.217105	0.444922	-2.24758	0.658238	0.757583	-1.31999	0.00548663	0.102579	-9.74856	0.116829	0.345586	-2.89364	0.874283	0.905974	-1.10378	0.774193	0.835783	-1.19648	0.530615	0.672915	-1.48607	3.22517	19.8652	5.47506	1
cg01864980	PAH	0.0568484	0.0346646	7.65624	7.65624	0.0500302	6.3412	6.3412	0.22694	2.85341	2.85341	0.355154	2.19502	2.19502	0.0758223	5.12057	5.12057	0.535524	1.6797	1.6797	0.0104969	14.3237	14.3237	0.0155645	11.6119	11.6119	0.0393833	7.16999	7.16999	3.22516	34.8961	9.61773	1
cg25412575	ABHD8	0.056851	0.127189	0.776564	-1.28772	0.00512037	0.567243	-1.76291	0.438499	0.885909	-1.12878	0.839165	0.969326	-1.03164	0.0729997	0.735977	-1.35874	0.84029	0.969541	-1.03142	0.748325	0.951848	-1.05059	0.0123678	0.620388	-1.61189	0.0540168	0.715136	-1.39833	3.2251	1.20041	0.330851	1
cg24714864	LOC441666	0.0568512	0.0899933	0.563607	-1.77429	0.00670196	0.33992	-2.94187	0.091458	0.565364	-1.76877	0.439955	0.785316	-1.27337	0.0368712	0.475272	-2.10406	0.241847	0.686681	-1.45628	0.048844	0.501444	-1.99424	0.0146722	0.39778	-2.51395	0.2848	0.711123	-1.40623	3.2251	4.80906	1.32546	1
cg07628416	ADCY9	0.0568514	0.85143	1.12851	1.12851	0.0105195	7.97048	7.97048	0.242034	2.20245	2.20245	0.0957984	3.25316	3.25316	0.648879	0.744094	-1.34392	0.904406	0.925453	-1.08055	0.0844625	3.42341	3.42341	0.00693819	9.51288	9.51288	0.152172	2.68877	2.68877	3.22509	21.2376	5.85343	1
cg02953912	CDKN1C;CDKN1C;CDKN1C	0.0568536	0.0292122	0.283358	-3.5291	0.0139193	0.225129	-4.4419	0.851053	1.09665	1.09665	0.989774	1.00631	1.00631	0.00622724	0.173753	-5.75529	0.82209	0.895357	-1.11687	0.183216	0.500029	-1.99988	0.134179	0.452607	-2.20942	0.316372	0.601463	-1.66261	3.22505	12.3033	3.39105	1
cg15048480	CTBP1;CTBP1	0.0568538	0.816417	0.952527	-1.04984	0.855143	1.03896	1.03896	0.37002	0.824863	-1.21232	0.745825	1.07039	1.07039	0.646525	0.907943	-1.10139	0.193351	1.33359	1.33359	0.00513627	2.1664	2.1664	0.0864023	0.672883	-1.48614	0.0689844	0.653372	-1.53052	3.22504	2.23426	0.615809	1
cg14961598	MTMR8	0.0568555	0.699537	1.73739	1.73739	0.773789	1.50753	1.50753	0.909795	1.17519	1.17519	0.201365	6.83366	6.83366	0.277408	4.99748	4.99748	0.0830177	0.0649732	-15.391	?	?	?	0.0384149	30.4685	30.4685	0.0065762	152.471	152.471	3.27063	93.4122	28.561	1
cg11508373	EIF5;EIF5	0.0568567	0.345054	0.801959	-1.24695	0.449214	0.839458	-1.19124	0.415936	0.828047	-1.20766	0.544524	1.14934	1.14934	0.85349	0.958917	-1.04284	0.203816	0.737596	-1.35576	0.00120064	0.340695	-2.93518	0.483026	0.850629	-1.1756	0.406962	1.21229	1.21229	3.22498	2.63038	0.725002	1
cg22521118	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.0568567	0.0933979	0.604137	-1.65525	0.623206	0.873511	-1.1448	0.22923	1.41137	1.41137	0.412192	1.25731	1.25731	0.813999	1.06648	1.06648	0.639748	0.879206	-1.13739	0.00200392	0.303943	-3.29009	0.990435	1.00328	1.00328	0.581016	1.16443	1.16443	3.22498	3.80918	1.04991	1
cg03033344	C16orf91	0.0568568	0.120017	0.795192	-1.25756	0.081497	0.769231	-1.3	0.10914	0.788692	-1.26792	0.613949	1.07156	1.07156	0.385528	0.886141	-1.12849	0.659697	0.941567	-1.06206	0.00804913	1.58609	1.58609	0.278857	1.16531	1.16531	0.270522	0.855658	-1.16869	3.22498	0.942992	0.259914	1
cg10755058	ENTPD3;ENTPD3	0.0568569	0.0991019	0.210106	-4.75949	0.194528	3.26812	3.26812	0.10584	4.59182	4.59182	0.204087	0.314577	-3.17888	0.0194124	0.0872726	-11.4584	0.596611	1.58553	1.58553	0.0229801	0.095666	-10.453	0.553431	0.596129	-1.67749	0.383382	0.462412	-2.16257	3.22497	38.0307	10.4823	1
cg16266667	SGCZ;SGCZ	0.0568595	0.192253	1.33326	1.33326	0.629889	0.903765	-1.10648	0.321504	0.807801	-1.23793	0.0948599	1.46599	1.46599	0.00477717	2.18278	2.18278	0.191384	1.3341	1.3341	0.647393	0.908492	-1.10072	0.530904	1.14143	1.14143	0.113143	0.698162	-1.43233	3.22492	2.21811	0.611381	1
cg17713910	PARD3	0.0568612	0.0394394	0.42405	-2.35821	0.742933	0.888241	-1.12582	0.226065	1.58051	1.58051	0.0332597	0.408163	-2.45	0.0696661	0.481628	-2.07629	0.459334	0.762386	-1.31167	0.347759	1.41641	1.41641	0.0159731	0.345655	-2.89306	0.142445	0.566792	-1.76432	3.22488	6.6229	1.8255	1
cg05282437	COL20A1	0.0568622	0.274138	1.20528	1.20528	0.122255	1.31628	1.31628	0.0141955	1.64285	1.64285	0.557771	1.10215	1.10215	0.0867465	1.36398	1.36398	0.00547813	1.82085	1.82085	0.0937403	1.35312	1.35312	0.0655545	1.4037	1.4037	0.851179	0.969653	-1.0313	3.22486	1.37508	0.379022	1
cg24139912	KRTAP5-10	0.0568624	0.497655	1.28847	1.28847	0.0650888	0.466532	-2.14348	0.233039	0.631086	-1.58457	0.517896	0.785596	-1.27292	0.371327	0.713262	-1.40201	0.935817	0.970787	-1.03009	0.00137802	0.181227	-5.51794	0.8534	0.934174	-1.07046	0.308263	0.678273	-1.47433	3.22485	6.92102	1.90769	1
cg13433694	WDR65;WDR65;EBNA1BP2;EBNA1BP2;WDR65;WDR65	0.0568703	0.0864337	0.312031	-3.20481	0.0040316	0.0929974	-10.753	0.233078	0.463552	-2.15725	0.260668	0.48608	-2.05727	0.0438194	0.240576	-4.15668	0.0445901	0.242183	-4.1291	0.0385482	0.22908	-4.36529	0.0757265	0.29655	-3.37211	0.202059	0.436808	-2.28933	3.22468	19.3103	5.32292	1
cg17364913	PTPRN2;PTPRN2;PTPRN2	0.0568779	0.289417	0.755402	-1.3238	0.297066	1.31754	1.31754	0.471029	0.829409	-1.20568	0.15013	0.674678	-1.48219	0.00237395	0.339272	-2.94748	0.523191	1.17946	1.17946	0.294187	1.31988	1.31988	0.585304	1.15091	1.15091	0.364843	0.78858	-1.2681	3.22451	3.32308	0.916061	1
cg09449853	ATP13A5	0.05688	0.462091	0.700481	-1.42759	0.662801	1.232	1.232	0.584811	1.3	1.3	0.700208	1.20199	1.20199	0.00973063	0.211198	-4.73488	0.253448	1.76322	1.76322	0.011143	4.54017	4.54017	0.29292	1.68007	1.68007	0.648569	0.803972	-1.24383	3.22447	11.5476	3.18332	1
cg12483340	TMEM87A	0.05688	0.734983	1.24695	1.24695	0.0600496	0.252093	-3.96679	0.456353	0.610927	-1.63686	0.0317576	0.194919	-5.13034	0.637113	1.36161	1.36161	0.165942	0.38301	-2.6109	0.00315327	0.0727397	-13.7477	0.940396	1.04978	1.04978	0.300393	0.498038	-2.00788	3.22446	21.5487	5.94033	1
cg07624650	ZNF529;ZNF529;ZNF529	0.05688	0.022904	0.510945	-1.95716	0.779009	1.07187	1.07187	0.019076	0.496605	-2.01367	0.0527106	0.580824	-1.72169	0.214592	0.72447	-1.38032	0.309534	0.771487	-1.2962	0.938122	1.01934	1.01934	0.464684	0.832284	-1.20151	0.0568003	1.70209	1.70209	3.22446	3.1081	0.856812	1
cg15400532	HIST1H2AG;HIST1H2AG;HIST1H2BJ	0.0568803	0.148238	0.69607	-1.43664	0.012187	2.07451	2.07451	0.334601	1.26171	1.26171	0.551189	0.868613	-1.15126	0.169913	1.40707	1.40707	0.0431748	0.580759	-1.72188	0.292072	1.29094	1.29094	0.410503	1.21727	1.21727	0.122583	1.47824	1.47824	3.22446	2.78695	0.768279	1
cg20208398	BLVRA	0.0568806	0.134752	0.622923	-1.60534	0.0939422	0.582382	-1.71709	0.0429212	0.504636	-1.98162	0.0245919	0.455718	-2.19434	0.0390197	0.495941	-2.01637	0.992252	1.00285	1.00285	0.0557645	0.5293	-1.88929	0.362366	1.3163	1.3163	0.0295631	0.4714	-2.12134	3.22445	4.40047	1.21308	1
cg17321561	FAM107B;FAM107B	0.0568816	0.901177	0.972194	-1.0286	0.773801	1.0676	1.0676	0.380489	0.815291	-1.22656	0.48146	0.850076	-1.17637	0.559651	1.14329	1.14329	0.00216423	0.37637	-2.65696	0.278264	1.29166	1.29166	0.27646	0.773391	-1.29301	0.0562919	0.612221	-1.6334	3.22443	2.6316	0.725462	1
cg09396959	TMBIM1;PNKD	0.0568817	0.0706088	0.666283	-1.50086	0.0603961	0.653388	-1.53049	0.0242024	0.582728	-1.71607	0.105642	0.701009	-1.42652	0.0442023	0.628421	-1.59129	0.109313	0.704064	-1.42033	0.199123	0.761348	-1.31346	0.76243	0.940891	-1.06282	0.0794401	1.47883	1.47883	3.22443	2.06244	0.568561	1
cg05962781	TSPAN2	0.056882	0.38327	1.36255	1.36255	0.583561	1.21113	1.21113	0.0959988	0.531247	-1.88236	0.269854	0.671961	-1.48818	0.630105	0.845442	-1.18281	0.383614	0.734093	-1.36223	0.152239	0.588228	-1.70002	0.00469143	3.67061	3.67061	0.278648	1.47662	1.47662	3.22442	6.11381	1.68542	1
cg24722749	SRRM1	0.0568828	0.76179	0.944133	-1.05917	0.363601	1.19309	1.19309	0.549754	0.891871	-1.12124	0.371853	0.840827	-1.18931	0.352489	1.19831	1.19831	0.641918	1.09259	1.09259	0.00644926	0.511799	-1.95389	0.0848511	1.43381	1.43381	0.0477455	1.53425	1.53425	3.2244	1.82588	0.50335	1
cg15210596	SCCPDH	0.0568835	0.378679	0.877853	-1.13914	0.532651	1.09544	1.09544	0.0743205	1.33219	1.33219	0.225422	0.832237	-1.20158	0.0414053	0.71228	-1.40394	0.288968	1.17207	1.17207	0.0717322	0.748252	-1.33645	0.675036	1.06271	1.06271	0.0276232	1.45595	1.45595	3.22439	1.06249	0.292903	1
cg00151922	JAG1	0.0568843	0.0214479	0.379041	-2.63824	0.0200443	0.373399	-2.6781	0.0601704	0.475067	-2.10497	0.696088	0.871261	-1.14776	0.615996	1.19426	1.19426	0.176747	0.604033	-1.65554	0.0134106	0.341294	-2.93003	0.101801	0.533229	-1.87537	0.923747	1.03418	1.03418	3.22437	6.29426	1.73519	1
cg24258125	PNPLA5;PNPLA5	0.0568844	0.425158	1.13155	1.13155	0.930144	0.986783	-1.01339	0.774448	0.957337	-1.04456	0.274426	1.18835	1.18835	0.786813	0.959698	-1.04199	0.419204	1.13343	1.13343	0.0163931	0.640723	-1.56074	0.00585416	1.72882	1.72882	0.542607	0.910713	-1.09804	3.22437	1.17595	0.324183	1
cg12952552	ZFYVE26	0.0568854	0.798364	1.05649	1.05649	0.00233124	2.49033	2.49033	0.0183766	1.848	1.848	0.772684	0.939722	-1.06414	0.89418	1.02898	1.02898	0.51352	0.867424	-1.15284	0.878602	0.967723	-1.03335	0.395274	1.20549	1.20549	0.669598	1.09651	1.09651	3.22435	2.3529	0.648648	1
cg01188509	IGF2R	0.0568854	0.0448324	0.362298	-2.76016	0.0731681	0.414361	-2.41336	0.0912322	0.44038	-2.27077	0.710792	0.848564	-1.17846	0.0140038	0.262429	-3.81055	0.0206566	0.292659	-3.41694	0.0480329	0.369202	-2.70854	0.0252511	0.309424	-3.23181	0.247139	0.586531	-1.70494	3.22435	9.92661	2.73657	1
cg14975238	BHLHA15;BHLHA15	0.0568857	0.207911	0.813222	-1.22968	0.233673	0.823315	-1.2146	0.016309	0.633002	-1.57977	0.420697	0.879775	-1.13665	0.412468	0.877681	-1.13937	0.463724	1.12314	1.12314	0.0179029	1.56526	1.56526	0.104897	0.758863	-1.31776	0.220303	0.818187	-1.22221	3.22434	1.23809	0.341318	1
cg22826874	PCOLCE2	0.056887	0.0406947	0.648973	-1.5409	0.0445641	0.655707	-1.52507	0.226339	1.26168	1.26168	0.509307	0.884715	-1.13031	0.0854419	0.706176	-1.41608	0.0168067	0.586335	-1.70551	0.0284912	0.62313	-1.6048	0.638638	0.917093	-1.0904	0.118517	0.733389	-1.36353	3.22431	1.70971	0.471338	1
cg00116315	TULP1;TEAD3	0.0568872	0.0834285	3.43322	3.43322	0.0781855	3.52416	3.52416	0.456156	1.62994	1.62994	0.0960396	3.24329	3.24329	0.848489	1.13102	1.13102	0.0317971	5.05254	5.05254	0.0075351	9.14691	9.14691	0.041262	4.55178	4.55178	0.0315134	5.07075	5.07075	3.22431	21.1598	5.83342	1
cg17284536	RPS6KA2;RPS6KA2	0.0568875	0.0123154	0.258725	-3.86511	0.0262461	0.318686	-3.13789	0.48904	1.35642	1.35642	0.500635	0.7434	-1.34517	0.0269853	0.321099	-3.1143	0.246079	0.590858	-1.69246	0.032323	0.337191	-2.96568	0.0761038	0.424813	-2.35398	0.378714	0.675886	-1.47954	3.2243	9.60773	2.6487	1
cg20673255	DUS3L;DUS3L	0.0568883	0.556377	0.79068	-1.26473	0.0163786	0.314029	-3.18442	0.0882864	0.475947	-2.10108	0.82179	0.914791	-1.09315	0.322308	1.49721	1.49721	0.0688415	0.447605	-2.23411	0.938129	0.969819	-1.03112	0.820741	0.914302	-1.09373	0.0059751	0.242033	-4.13167	3.22428	7.95794	2.19389	1
cg02811197	TMEM213;ATP6V0A4;ATP6V0A4	0.0568884	0.895377	0.973827	-1.02688	0.94526	0.986254	-1.01394	0.989831	1.00257	1.00257	0.462145	0.859944	-1.16287	0.00129044	0.388543	-2.57372	0.585986	1.11724	1.11724	0.619978	1.10602	1.10602	0.184414	1.32816	1.32816	0.757701	0.939528	-1.06436	3.22428	2.07499	0.572045	1
cg13961400	BAT5	0.0568886	0.0247274	0.498662	-2.00537	0.245942	0.729209	-1.37135	0.152525	0.671127	-1.49003	0.355942	1.28032	1.28032	0.350913	1.28384	1.28384	0.0444718	0.548486	-1.8232	0.0132029	0.449559	-2.2244	0.630237	1.13454	1.13454	0.167977	0.68222	-1.4658	3.22428	3.45848	0.953456	1
cg06655361	C10orf54;CDH23	0.0568891	0.507949	0.759401	-1.31683	0.0127046	0.281104	-3.5574	0.00493268	0.217411	-4.59959	0.147151	0.528622	-1.89171	0.368456	0.684863	-1.46015	0.646711	1.20817	1.20817	0.258167	0.616628	-1.62172	0.082519	0.454733	-2.19909	0.634652	1.21672	1.21672	3.22427	8.57481	2.36397	1
cg02089135	SH3PXD2A	0.0568896	0.564953	0.898286	-1.11323	0.803816	0.955146	-1.04696	0.142009	1.33786	1.33786	0.0222655	1.65721	1.65721	0.0397051	1.55037	1.55037	0.582898	1.10767	1.10767	0.0290336	0.622229	-1.60712	0.72647	0.937297	-1.0669	0.216073	0.786603	-1.27129	3.22425	1.73595	0.478581	1
cg11018909	BTBD9;BTBD9;BTBD9	0.0568906	0.0277755	0.352867	-2.83393	0.0143903	0.298732	-3.34748	0.226869	0.601616	-1.66219	0.133108	0.522596	-1.91352	0.0314476	0.363999	-2.74726	0.0227309	0.33554	-2.98027	0.11972	0.508589	-1.96623	0.569369	1.25898	1.25898	0.143829	0.533148	-1.87565	3.22423	8.19061	2.25807	1
cg16934986	MID1IP1;MID1IP1	0.0568907	0.492812	0.76759	-1.30278	0.478386	0.760572	-1.3148	0.933422	0.96877	-1.03224	0.481703	1.312	1.312	0.0071678	0.267577	-3.73725	0.979167	0.990134	-1.00996	0.0649989	0.455289	-2.1964	0.0234909	2.79421	2.79421	0.566912	0.80269	-1.24581	3.22423	7.36342	2.03002	1
cg26248430	C2orf74;C2orf74	0.0568918	0.0244871	0.306689	-3.26063	0.710067	0.84815	-1.17904	0.956501	0.976231	-1.02435	0.630082	1.23865	1.23865	0.00500008	0.194316	-5.14625	0.234374	0.577081	-1.73286	0.175813	0.530021	-1.88672	0.756939	0.872038	-1.14674	0.0218773	0.297252	-3.36415	3.22421	9.93256	2.73833	1
cg12005098	SLC16A12	0.0568928	0.249626	1.34898	1.34898	0.0132905	0.466143	-2.14527	0.0306925	0.531751	-1.88058	0.911048	1.02819	1.02819	0.134211	1.49454	1.49454	0.111438	1.53935	1.53935	0.356361	0.789763	-1.2662	0.414199	1.23081	1.23081	0.830302	1.05485	1.05485	3.22418	3.16083	0.871422	1
cg04627186	LOC100130691;AGPS	0.0568931	0.571642	1.06217	1.06217	0.017344	0.736577	-1.35763	0.272292	0.886417	-1.12814	0.684278	0.957781	-1.04408	0.577596	0.942367	-1.06116	0.345029	1.10807	1.10807	0.584802	0.943445	-1.05995	0.00620962	1.45711	1.45711	0.832615	1.02258	1.02258	3.22418	0.568498	0.156732	1
cg06127885	DUOX1;DUOX1;DUOXA1	0.056894	0.568307	1.22064	1.22064	0.989173	1.0047	1.0047	0.237257	0.651759	-1.53431	0.0229053	0.390224	-2.56263	0.108505	0.545919	-1.83177	0.013353	0.346591	-2.88524	0.0254845	0.399369	-2.50395	0.374196	1.37076	1.37076	0.77352	1.1049	1.1049	3.22416	6.10372	1.68278	1
cg23903679	CCDC109A	0.056895	0.0577938	0.58281	-1.71583	0.207185	1.39249	1.39249	0.28384	0.758437	-1.3185	0.158	0.686241	-1.45721	0.690525	0.905852	-1.10393	0.0131935	0.456029	-2.19285	0.058702	1.71151	1.71151	0.270371	1.32989	1.32989	0.419329	0.815147	-1.22677	3.4858	3.29407	0.734997	1
cg19512961	GOLGA3	0.0568969	0.203462	0.784106	-1.27534	0.494951	0.882004	-1.13378	0.0689166	0.691554	-1.44602	0.615037	1.09623	1.09623	0.0645114	0.68642	-1.45683	0.179116	1.29508	1.29508	0.0262518	1.61227	1.61227	0.378773	0.849075	-1.17775	0.05051	0.667768	-1.49753	3.22409	1.67624	0.462143	1
cg02598756	NACAD	0.0568971	0.0171433	11.4878	11.4878	0.0247763	9.44869	9.44869	0.0419782	7.16719	7.16719	0.114806	4.22543	4.22543	0.0661796	5.65102	5.65102	0.122675	4.07804	4.07804	0.0254934	9.30767	9.30767	0.0514708	6.44388	6.44388	0.0578673	6.06168	6.06168	3.22409	36.0605	9.94197	1
cg11919525	ZNF432	0.0568978	0.22609	0.704641	-1.41916	0.00763251	0.388823	-2.57186	0.0241568	0.476925	-2.09677	0.0536968	0.546979	-1.82822	0.154975	1.5207	1.5207	0.913592	1.03034	1.03034	0.883107	0.960291	-1.04135	0.221624	0.702015	-1.42447	0.282226	0.735099	-1.36036	3.22407	3.87289	1.06777	1
cg05591235	ACOT7;ACOT7;ACOT7;ACOT7	0.0568982	0.724384	1.10176	1.10176	0.814687	0.937749	-1.06638	0.267634	0.728978	-1.37178	0.695823	0.898025	-1.11355	0.0279486	0.491187	-2.03588	0.00330635	0.33443	-2.99016	0.0256346	0.483965	-2.06626	0.281798	0.736246	-1.35824	0.575951	0.856685	-1.16729	3.22407	3.82641	1.05496	1
cg24236870	EHD4	0.0568984	0.162943	0.740761	-1.34996	0.0110796	0.52634	-1.89991	0.859403	0.964907	-1.03637	0.0993166	0.694881	-1.43909	0.887372	0.971851	-1.02896	0.848017	1.03941	1.03941	0.171761	0.745936	-1.3406	0.0205822	1.75415	1.75415	0.650059	1.09639	1.09639	3.22406	2.07289	0.571506	1
cg20932440	DIO1;DIO1;DIO1;DIO1	0.0568993	0.164675	0.610399	-1.63827	0.362178	1.366	1.366	0.558402	1.21784	1.21784	0.973525	1.01111	1.01111	0.0423276	0.458994	-2.17868	0.0843457	0.529501	-1.88857	0.332091	0.716623	-1.39543	0.00881665	3.03573	3.03573	0.707031	0.881853	-1.13398	3.22404	5.6621	1.56108	1
cg20022122	GCKR	0.0569003	0.0426551	0.249491	-4.00816	0.119178	0.365667	-2.73473	0.149558	0.398832	-2.50732	0.0743698	0.306443	-3.26325	0.0299939	0.218989	-4.56645	0.102248	0.34512	-2.89755	0.0147462	0.167733	-5.96185	0.0112833	0.151379	-6.60595	0.130169	0.378143	-2.6445	3.22402	18.071	4.98233	1
cg08726004	BTNL2	0.0569003	0.444781	0.757794	-1.31962	0.441283	1.32255	1.32255	0.177381	0.60026	-1.66595	0.693477	1.15146	1.15146	0.0491662	0.449571	-2.22434	0.889434	1.05077	1.05077	0.00677674	0.286683	-3.48817	0.0139061	0.338961	-2.9502	0.525232	0.795167	-1.2576	3.22402	6.4723	1.78447	1
cg11556416	STAT1;STAT1	0.0569004	0.687837	1.05152	1.05152	0.439212	1.10311	1.10311	0.0258582	1.3897	1.3897	0.0200237	1.41779	1.41779	0.0967444	0.797095	-1.25456	0.861162	1.02201	1.02201	0.171013	0.834176	-1.19879	0.0605546	1.3011	1.3011	0.233304	1.16817	1.16817	3.22402	0.790005	0.217811	1
cg09717261	SAMHD1	0.0569005	0.0129622	0.672943	-1.48601	0.313757	0.874753	-1.14318	0.0258088	0.711795	-1.4049	0.109572	0.799265	-1.25115	0.0363541	0.731615	-1.36684	0.871616	0.979442	-1.02099	0.00975608	0.657194	-1.52162	0.238064	0.853226	-1.17202	0.531754	0.921867	-1.08476	3.22401	0.842329	0.232237	1
cg26880412	ZNF479	0.056903	0.0262592	0.171824	-5.81991	0.0161562	0.139984	-7.14366	0.105307	0.306543	-3.26218	0.631917	0.724359	-1.38053	0.02611	0.171415	-5.8338	0.0809459	0.274457	-3.64355	0.0300845	0.18187	-5.49844	0.043943	0.212902	-4.69699	0.106461	0.30796	-3.24718	3.22396	22.7943	6.2847	1
cg10211383	PGLYRP2	0.0569045	0.0185144	2.10346	2.10346	0.63624	0.883351	-1.13205	0.48601	1.20236	1.20236	0.184639	0.693285	-1.44241	0.80073	1.06806	1.06806	0.00799246	0.412709	-2.42302	0.283775	1.33631	1.33631	0.78241	1.07474	1.07474	0.393357	1.25561	1.25561	3.22393	3.46065	0.954159	1
cg08692006	TNFAIP8L1;TNFAIP8L1	0.0569048	0.0553109	0.460864	-2.16984	0.148239	0.5752	-1.73852	0.771912	1.10921	1.10921	0.0739957	0.491614	-2.03412	0.021577	0.373813	-2.67514	0.305755	0.68513	-1.45958	0.024244	0.383714	-2.60611	0.00999923	0.313576	-3.18902	0.152737	0.579193	-1.72654	3.22392	6.49264	1.79013	1
cg16551220	GPR137C	0.0569056	0.0715189	0.298582	-3.34917	0.0466489	0.254548	-3.92853	0.0198615	0.184749	-5.41274	0.512609	0.671094	-1.4901	0.0121758	0.153129	-6.53044	0.144305	0.389872	-2.56495	0.0183776	0.179374	-5.57493	0.641343	0.754452	-1.32547	0.0791446	0.310145	-3.2243	3.2239	18.4186	5.07834	1
cg27261002	TRA2B	0.0569072	0.628038	0.829685	-1.20528	0.111255	1.9415	1.9415	0.339757	1.45685	1.45685	0.595118	1.22768	1.22768	0.00415001	0.230027	-4.34731	0.71946	1.1479	1.1479	0.573984	0.804738	-1.24264	0.066596	2.19599	2.19599	0.455482	0.747742	-1.33736	3.22387	7.46756	2.05896	1
cg23158051	ACTR2;ACTR2	0.0569075	?	?	?	0.0216167	0.155029	-6.45041	0.0357498	0.193431	-5.16981	0.200306	0.408401	-2.44857	?	?	?	?	?	?	0.443121	1.67328	1.67328	0.0466526	0.21706	-4.60702	0.626812	1.37989	1.37989	3.65724	16.2869	5.19556	1
cg20679659	NCOA2	0.0569079	0.0444569	1.31576	1.31576	0.714979	1.04457	1.04457	0.796668	1.03118	1.03118	0.00571895	0.64999	-1.53848	0.0941373	0.803469	-1.2446	0.514273	1.08181	1.08181	0.200357	1.17448	1.17448	0.650492	0.947214	-1.05573	0.745662	0.962043	-1.03945	3.22385	0.72177	0.199008	1
cg18901980	KRT25;KRT25	0.0569084	0.268852	0.508763	-1.96555	0.0273426	0.216094	-4.62761	0.0782291	0.317237	-3.15221	0.0800564	0.319936	-3.12562	0.00846932	0.139123	-7.1879	0.65071	0.765307	-1.30667	0.16124	0.415615	-2.40608	0.0199876	0.192504	-5.19469	0.0440386	0.257218	-3.88776	3.22384	17.5822	4.84783	1
cg17104202	PRDM16;PRDM16	0.0569118	0.233395	1.53361	1.53361	0.030564	2.3863	2.3863	0.0226322	2.54509	2.54509	0.741683	0.892959	-1.11987	0.0447896	2.19979	2.19979	0.269659	1.48205	1.48205	0.00704071	3.29476	3.29476	0.0961058	1.86908	1.86908	0.422397	1.32377	1.32377	3.22377	5.981	1.64914	1
cg12358041	GRB10;GRB10;GRB10	0.0569134	0.0138568	0.199993	-5.00018	0.264073	0.540036	-1.85173	0.0629734	0.330529	-3.02546	0.489926	0.689914	-1.44946	0.0596858	0.324747	-3.07932	0.417187	0.644795	-1.55088	0.00743925	0.16132	-6.19885	0.842623	1.11094	1.11094	0.0451959	0.296379	-3.37406	3.22373	14.3016	3.94343	1
cg23087358	GLI2	0.0569171	0.701354	0.898523	-1.11294	0.00541012	0.361815	-2.76384	0.0630914	1.787	1.787	0.908415	0.968549	-1.03247	0.405083	1.26688	1.26688	0.171213	1.49865	1.49865	0.164128	1.51023	1.51023	0.250303	0.716341	-1.39598	0.704899	1.11144	1.11144	3.22365	3.93706	1.0856	1
cg12906702	SIK3	0.0569177	0.836527	0.96116	-1.04041	0.048992	0.649883	-1.53874	0.154498	0.74661	-1.33939	0.353925	1.20065	1.20065	0.776478	0.946886	-1.05609	0.922805	0.981588	-1.01876	0.00469617	2.05534	2.05534	0.28454	1.23757	1.23757	0.308908	1.22374	1.22374	3.22364	1.87689	0.517536	1
cg16585234	MAN1C1	0.0569177	0.161051	2.93663	2.93663	0.196165	2.67401	2.67401	0.026154	6.67791	6.67791	0.0517097	4.92042	4.92042	0.88596	1.10879	1.10879	0.347418	2.00617	2.00617	0.292728	0.455885	-2.19353	0.0394739	0.180132	-5.55149	0.0834734	3.96987	3.96987	3.22364	26.4397	7.29052	1
ch.5.731560F	ADAMTS12	0.0569178	0.889182	1.08089	1.08089	0.804051	0.870488	-1.14878	0.765318	1.18179	1.18179	0.00225054	0.0920058	-10.8689	0.653709	0.777283	-1.28653	0.0159479	0.192715	-5.18901	0.592712	0.739886	-1.35156	0.932632	0.953922	-1.0483	0.687885	1.25272	1.25272	3.22363	15.8937	4.38255	1
cg05722504	PHOX2B	0.056919	0.0394111	8.10498	8.10498	0.051559	7.00026	7.00026	0.177363	3.52167	3.52167	0.291537	2.61451	2.61451	0.399591	2.13238	2.13238	0.784602	1.272	1.272	0.00703991	21.311	21.311	0.0122494	15.4892	15.4892	0.0852966	5.31496	5.31496	3.22361	39.3694	10.8559	1
cg21900078	PTPRN2;PTPRN2;PTPRN2	0.056919	0.0456757	0.364004	-2.74722	0.823191	0.906007	-1.10374	0.278012	1.64469	1.64469	0.761685	0.874452	-1.14357	0.0103094	0.240349	-4.16062	0.228554	0.572701	-1.74611	0.025838	0.311249	-3.21286	0.564038	0.773195	-1.29333	0.0310449	0.327413	-3.05425	3.22361	9.93231	2.73877	1
cg15735721	TOX	0.0569198	0.619978	1.21277	1.21277	0.0714045	2.17495	2.17495	0.487818	1.3126	1.3126	0.422173	1.37218	1.37218	0.0178442	0.32915	-3.03813	0.107838	1.96819	1.96819	0.01248	3.31854	3.31854	0.365058	1.43212	1.43212	0.668104	1.1811	1.1811	3.22359	7.60308	2.09651	1
cg10200373	BANP;BANP	0.0569212	0.207847	1.60893	1.60893	0.0324475	2.45134	2.45134	0.00538822	3.7135	3.7135	0.120722	1.82694	1.82694	0.436471	0.752554	-1.32881	0.806469	1.09187	1.09187	0.0330942	2.44057	2.44057	0.113297	1.85357	1.85357	0.31286	1.45329	1.45329	3.22356	6.54696	1.80531	1
cg04328162	HS6ST3;HS6ST3	0.0569234	0.0302763	0.728466	-1.37275	0.113593	1.2388	1.2388	0.589482	1.07011	1.07011	0.320843	0.880222	-1.13608	0.0727506	1.28274	1.28274	0.143867	0.822574	-1.2157	0.846157	1.02446	1.02446	0.0379689	0.741357	-1.34888	0.2266	1.17107	1.17107	3.22351	0.789861	0.217806	1
cg03855291	DRD4	0.0569238	0.126745	2.38762	2.38762	0.0496966	3.25313	3.25313	0.0994519	2.58949	2.58949	0.740138	1.19169	1.19169	0.159948	0.453347	-2.20582	0.0493391	3.26083	3.26083	0.710699	1.2169	1.2169	0.0247347	0.244468	-4.09052	0.69034	1.2349	1.2349	3.2235	14.1729	3.90821	1
cg14791640	CTBS	0.0569239	0.253815	0.556823	-1.7959	0.110789	0.42584	-2.3483	0.857895	1.09206	1.09206	0.732862	1.18333	1.18333	0.0272943	0.277123	-3.6085	0.594139	0.767783	-1.30245	0.00547762	0.166193	-6.0171	0.620545	0.782546	-1.27788	0.0195542	0.249988	-4.00019	3.2235	12.3245	3.39852	1
cg16431436	VCAN;VCAN;VCAN;VCAN	0.0569249	0.19435	0.87781	-1.1392	0.231583	0.887718	-1.12648	0.722085	0.966669	-1.03448	0.0752584	0.828609	-1.20684	0.457989	1.07437	1.07437	0.438394	0.92772	-1.07791	0.0165449	0.757377	-1.32035	0.202712	0.88016	-1.13616	0.0205917	1.30308	1.30308	3.22348	0.45998	0.126842	1
cg10633746	SMCR7;SMCR7;SMCR7;SMCR7	0.0569263	0.0660275	3.3356	3.3356	0.0216703	5.00445	5.00445	0.0592133	3.47026	3.47026	0.0682721	3.29528	3.29528	0.543909	1.43166	1.43166	0.399537	1.65497	1.65497	0.0665276	3.32646	3.32646	0.00875713	7.03254	7.03254	0.0335212	4.26637	4.26637	3.22345	17.4201	4.80373	1
cg15912732	AKT1;AKT1;AKT1	0.0569287	0.340132	0.623192	-1.60464	0.82656	0.89982	-1.11133	0.239181	0.552699	-1.8093	0.0671643	0.372729	-2.68291	0.318032	0.60868	-1.6429	0.0138574	0.231583	-4.3181	0.0030109	0.141344	-7.07493	0.885262	1.07193	1.07193	0.326593	0.61435	-1.62774	3.2234	11.813	3.25756	1
cg07911171	CAMTA1	0.0569289	0.255861	0.613611	-1.6297	0.00876338	0.252904	-3.95407	0.0146531	0.290132	-3.44671	0.396544	0.699434	-1.42973	0.0195499	0.312895	-3.19596	0.442557	0.724415	-1.38042	0.0279559	0.34325	-2.91333	0.607699	0.807985	-1.23765	0.285726	0.633475	-1.57859	3.22339	8.65562	2.38689	1
cg16988129	CCND3;CCND3;CCND3;CCND3	0.0569295	0.0330586	0.774465	-1.29121	0.421777	1.0878	1.0878	0.19811	1.14969	1.14969	0.0732967	0.8148	-1.22729	0.704668	1.03982	1.03982	0.0302948	0.770153	-1.29844	0.0489572	0.794096	-1.25929	0.501242	0.932391	-1.07251	0.213358	1.14383	1.14383	3.22338	0.536894	0.148056	1
cg13048967	CXCR1	0.0569296	0.770532	1.26095	1.26095	0.877146	1.13048	1.13048	0.059645	0.185436	-5.3927	0.0467195	0.164423	-6.08186	0.00793566	0.0672892	-14.8612	0.59191	1.53572	1.53572	0.0623409	0.189521	-5.27645	0.0461031	0.163352	-6.12175	0.173174	0.316939	-3.15518	3.22337	32.0854	8.84797	1
cg16167166	OR5AN1	0.0569298	0.0237573	0.0869322	-11.5032	0.14758	0.24506	-4.08064	0.118375	0.21558	-4.63864	0.198044	0.291929	-3.42549	0.0501112	0.132444	-7.55037	0.0485193	0.130063	-7.68859	0.0151656	0.0672094	-14.8789	0.0147515	0.0661411	-15.1192	0.082537	0.175455	-5.69948	3.22337	41.8167	11.5315	1
cg19957803	SKP1;SKP1	0.0569301	0.102123	0.522302	-1.9146	0.512025	1.27307	1.27307	0.14103	1.77668	1.77668	0.620705	0.834356	-1.19853	0.00718411	0.283697	-3.52489	0.222603	0.627945	-1.5925	0.0392019	0.420512	-2.37805	0.377405	1.38932	1.38932	0.391898	0.727275	-1.375	3.22336	6.72849	1.85548	1
cg09484136	ICT1	0.0569305	0.730562	0.824285	-1.21317	0.637512	1.30382	1.30382	0.33071	1.75247	1.75247	0.751909	0.837549	-1.19396	0.212012	2.08521	2.08521	0.00207768	11.2781	11.2781	0.571169	1.37701	1.37701	0.0896011	0.351301	-2.84656	0.796444	0.865459	-1.15546	3.22336	15.9512	4.39879	1
cg16818627	TBCD	0.0569313	0.930803	1.02214	1.02214	0.999692	0.999903	-1.0001	0.221985	1.3821	1.3821	0.86207	0.957105	-1.04482	0.513579	1.18178	1.18178	0.683232	1.10897	1.10897	0.0288125	1.91545	1.91545	0.914575	0.97331	-1.02742	0.0016407	3.11652	3.11652	3.22334	3.24481	0.894812	1
cg08489315	ZNF581;ZNF580;ZNF580;ZNF580;ZNF580;ZNF580	0.0569325	0.164661	0.872001	-1.14679	0.366585	0.917872	-1.08948	0.145611	1.1553	1.1553	0.321415	0.909696	-1.09927	0.315507	1.10063	1.10063	0.699007	1.03655	1.03655	0.00689772	0.723886	-1.38143	0.0252113	0.781998	-1.27878	0.686711	0.963233	-1.03817	3.22331	0.435752	0.120167	1
cg04286030	MORN1	0.0569341	0.0497865	0.29342	-3.40809	0.508673	0.692548	-1.44394	0.0485331	0.290885	-3.43778	0.246934	0.515102	-1.94136	0.0271597	0.238626	-4.19067	0.240369	0.509892	-1.9612	0.0326685	3.93404	3.93404	0.103843	0.377368	-2.64993	0.417167	0.634867	-1.57513	3.22328	15.3274	4.22686	1
cg17360854	RBMS1;RBMS1	0.0569342	0.0164277	0.0566853	-17.6413	0.00796914	0.0358096	-27.9255	0.0259077	0.0751213	-13.3118	0.315603	0.362149	-2.7613	0.0757374	0.14443	-6.92377	0.477495	0.493133	-2.02785	0.0599009	0.125181	-7.98841	0.950904	1.06213	1.06213	0.209916	0.274324	-3.64532	3.22327	48.9154	13.4895	1
cg05445187	TBCD	0.056936	0.466541	1.38792	1.38792	0.0145658	3.78572	3.78572	0.200881	1.81786	1.81786	0.14146	2.01282	2.01282	0.0302674	0.324022	-3.08621	0.461827	0.717913	-1.39293	0.146682	0.501994	-1.99206	0.269699	1.66281	1.66281	0.683953	0.834378	-1.1985	3.22323	9.99189	2.75552	1
cg00844120	SMOC2;SMOC2	0.0569368	0.559883	1.13322	1.13322	0.339652	0.811589	-1.23215	0.203506	0.752227	-1.32939	0.100058	1.46558	1.46558	0.00932598	2.01286	2.01286	0.452189	0.850042	-1.17641	0.0239216	1.77108	1.77108	0.20421	1.32873	1.32873	0.388359	1.20627	1.20627	3.22322	2.29708	0.633483	1
cg22892043	BEST1;FTH1	0.0569369	0.13888	0.414945	-2.40996	0.145872	0.422278	-2.36811	0.225887	0.495501	-2.01816	0.0963911	2.74003	2.74003	0.168974	0.445215	-2.24611	0.78075	1.16657	1.16657	0.0630283	3.17294	3.17294	0.0204429	4.67605	4.67605	0.553904	1.39181	1.39181	3.22321	15.5634	4.29203	1
cg11744436	GRIK5;GRIK5	0.0569387	0.164452	0.700077	-1.42841	0.139727	1.46522	1.46522	0.679189	1.10514	1.10514	0.210768	1.37297	1.37297	0.0754726	0.62145	-1.60914	0.0127694	0.475375	-2.1036	0.278763	0.762836	-1.3109	0.0908037	1.56496	1.56496	0.976179	1.0072	1.0072	3.22318	2.94981	0.813499	1
cg18104920	LOC283050;LOC283050;LOC283050	0.0569399	0.250813	0.73471	-1.36108	0.0525821	0.567682	-1.76155	0.262583	0.740746	-1.34999	0.292201	1.32415	1.32415	0.103675	1.57964	1.57964	0.150882	1.48514	1.48514	0.028467	1.94308	1.94308	0.305224	0.76127	-1.31359	0.154461	0.675979	-1.47934	3.22315	3.36947	0.929241	1
cg02582973	CCRN4L	0.0569414	0.382846	0.934378	-1.07023	0.0864501	0.864733	-1.15643	0.523323	1.05019	1.05019	0.723919	1.02717	1.02717	0.139281	1.1293	1.1293	0.0215164	0.806694	-1.23963	0.227569	1.10122	1.10122	0.261073	1.09322	1.09322	0.0252574	1.22952	1.22952	3.48462	0.308404	0.0688367	1
cg19108501	TDRD3;TDRD3;TDRD3	0.0569416	0.947968	1.01082	1.01082	0.0375313	1.48894	1.48894	0.321545	0.844569	-1.18404	0.00821435	1.74675	1.74675	0.0760533	1.38491	1.38491	0.163853	1.27771	1.27771	0.731272	1.05851	1.05851	0.369465	0.858957	-1.1642	0.243595	0.817707	-1.22293	3.22311	1.38892	0.383046	1
cg18781032	NANOG	0.0569418	0.206819	0.442387	-2.26047	0.0886645	0.316487	-3.15968	0.148716	0.387213	-2.58256	0.0706391	0.290096	-3.44714	0.140861	0.378977	-2.63868	0.0774545	0.300494	-3.32786	0.0112861	0.143132	-6.98657	0.0079071	0.124082	-8.05917	0.784356	1.18298	1.18298	3.22311	19.1558	5.28291	1
cg03511931	ITM2C;ITM2C;ITM2C	0.0569441	0.365899	1.30247	1.30247	0.00394162	0.331785	-3.014	0.639395	1.14367	1.14367	0.326081	0.749438	-1.33433	0.0306766	0.485672	-2.059	0.482827	0.816369	-1.22494	0.340894	1.32206	1.32206	0.944763	1.01991	1.01991	0.152633	0.646756	-1.54618	3.22306	4.13069	1.13921	1
cg26073959	LOC90834;BRD1	0.0569442	0.00785302	0.581409	-1.71996	0.00403824	0.541228	-1.84765	0.323783	0.850429	-1.17588	0.136298	0.774774	-1.2907	0.737497	0.947926	-1.05493	0.272729	0.834031	-1.199	0.821304	0.964673	-1.03662	0.958872	1.00823	1.00823	0.145261	0.779852	-1.2823	3.22305	1.29018	0.355819	1
cg25706474	PER2	0.0569482	0.587154	0.928641	-1.07684	0.191168	0.829533	-1.2055	0.0217572	0.689404	-1.45053	0.704411	0.949832	-1.05282	0.13969	1.23939	1.23939	0.60837	0.932589	-1.07228	0.00820468	1.57889	1.57889	0.574056	1.07971	1.07971	0.87307	0.978641	-1.02183	3.22297	0.930829	0.256721	1
cg08764037	TP73;TP73;TP73;TP73	0.0569486	0.818057	1.05275	1.05275	0.657084	0.905123	-1.10482	0.168374	0.720732	-1.38748	0.494742	0.856683	-1.16729	0.516098	1.15824	1.15824	0.0357174	1.7251	1.7251	0.00300156	2.47924	2.47924	0.998267	0.999516	-1.00048	0.887867	1.03198	1.03198	3.22296	2.5408	0.700751	1
cg18936997	ITGAE	0.0569489	0.0105835	0.408063	-2.4506	0.0877166	0.59129	-1.69122	0.0289235	0.487711	-2.05039	0.231997	0.70507	-1.4183	0.150805	0.650992	-1.53612	0.0201728	0.457892	-2.18392	0.035443	0.505253	-1.97921	0.840926	0.945517	-1.05762	0.0722701	0.571652	-1.74932	3.22295	3.9671	1.09412	1
cg00058296	RYR2	0.0569504	0.201789	0.776415	-1.28797	0.2732	0.807266	-1.23875	0.803398	1.04795	1.04795	0.819108	1.04395	1.04395	0.570101	0.897845	-1.11378	0.182464	1.30428	1.30428	0.00193752	2.27826	2.27826	0.474577	1.14629	1.14629	0.567126	1.11473	1.11473	3.22292	1.79935	0.496264	1
cg26496795	ANKRD20B	0.0569512	0.0233694	0.210241	-4.75646	0.225499	0.480606	-2.08071	0.12132	0.380262	-2.62977	0.062889	0.299832	-3.3352	0.00920244	0.149069	-6.70831	0.0870046	0.336928	-2.968	0.0126662	0.168006	-5.95216	0.476554	0.659248	-1.51688	0.152389	0.413779	-2.41675	3.2229	16.913	4.66468	1
cg09654046	TRIM4;TRIM4	0.0569512	0.543202	0.727147	-1.37524	0.0807363	0.366861	-2.72583	0.697253	0.816756	-1.22436	0.783042	0.866829	-1.15363	0.818996	0.888094	-1.12601	0.769444	0.858839	-1.16436	0.00331177	7.93342	7.93342	0.171468	0.470573	-2.12507	0.154959	0.454717	-2.19917	3.2229	13.6833	3.77392	1
cg00071026	MCF2L;MCF2L	0.0569516	0.669003	1.21247	1.21247	0.00187473	7.2104	7.2104	0.0178169	3.63433	3.63433	0.29619	1.62456	1.62456	0.50863	1.35038	1.35038	0.465927	1.39431	1.39431	0.238853	1.73779	1.73779	0.893207	1.06202	1.06202	0.822841	0.904424	-1.10568	3.22289	10.2435	2.82521	1
cg15450966	DOK7;DOK7	0.0569529	0.349896	0.670141	-1.49222	0.0192694	3.24654	3.24654	0.228513	1.6917	1.6917	0.296084	1.56939	1.56939	0.0309552	0.348621	-2.86844	0.244387	1.65963	1.65963	0.992618	1.00386	1.00386	0.0605415	0.414657	-2.41163	0.459659	1.36775	1.36775	3.22286	8.83238	2.43604	1
cg27665769	TNIP2;TNIP2	0.0569537	0.365292	1.11262	1.11262	0.0658671	0.789173	-1.26715	0.103559	0.815265	-1.2266	0.00954478	1.45733	1.45733	0.80992	0.972733	-1.02803	0.417505	1.09972	1.09972	0.168819	0.845181	-1.18318	0.815602	1.02716	1.02716	0.127797	0.827874	-1.20791	3.22285	0.671831	0.185297	1
cg01084239	TUB;TUB	0.0569541	0.50844	1.26142	1.26142	0.0523602	2.14653	2.14653	0.0203937	2.63169	2.63169	0.210315	1.57933	1.57933	0.100798	0.536749	-1.86307	0.130389	1.76041	1.76041	0.827317	0.927157	-1.07857	0.0149488	2.81779	2.81779	0.335519	1.41031	1.41031	3.22284	6.11747	1.68725	1
cg24703175	NOTCH3	0.0569565	0.546952	1.14022	1.14022	0.294256	1.26389	1.26389	0.0604123	1.57754	1.57754	0.616622	1.11479	1.11479	0.547862	1.13987	1.13987	0.0656471	1.56008	1.56008	0.00674543	0.469478	-2.13002	0.843909	0.958449	-1.04335	0.138852	1.40914	1.40914	3.22278	2.36557	0.652457	1
cg25709314	TSPAN33	0.056959	0.076569	0.742772	-1.34631	0.025434	1.49324	1.49324	0.575615	0.918166	-1.08913	0.122785	0.776929	-1.28712	0.174227	1.24382	1.24382	0.276411	1.18637	1.18637	0.0457213	1.41309	1.41309	0.190719	0.811269	-1.23264	0.60834	1.08115	1.08115	3.22273	1.16309	0.320801	1
cg00692088	AGPAT4	0.0569603	0.336709	1.5361	1.5361	0.0280903	3.07739	3.07739	0.780268	1.12884	1.12884	0.0256878	3.15295	3.15295	0.936384	1.0352	1.0352	0.069569	2.40992	2.40992	0.659387	1.21194	1.21194	0.00618589	4.69859	4.69859	0.0518943	2.60799	2.60799	3.2227	9.58538	2.64385	1
cg05260811	SPTBN4;SPTBN4	0.0569603	0.425644	1.10355	1.10355	0.172652	0.838795	-1.19219	0.0242041	0.72219	-1.38468	0.391423	1.11221	1.11221	0.092567	0.799163	-1.25131	0.646904	0.94567	-1.05745	0.125206	0.817907	-1.22263	0.020324	1.40325	1.40325	0.715842	1.04527	1.04527	3.2227	0.748746	0.20652	1
cg22569973	C10orf137	0.0569619	0.0570835	1.45094	1.45094	0.0429473	0.668473	-1.49595	0.0811078	0.715793	-1.39705	0.941524	0.987396	-1.01276	0.282948	1.21275	1.21275	0.0603248	1.44235	1.44235	0.336395	1.18694	1.18694	0.11321	1.34721	1.34721	0.131915	1.32466	1.32466	3.22266	1.52575	0.42084	1
cg01745873	CPD	0.0569633	0.860979	1.02321	1.02321	0.673498	1.05703	1.05703	0.165973	1.21329	1.21329	0.195893	0.836108	-1.19602	0.298115	0.868355	-1.1516	0.307037	0.870758	-1.14842	0.00267632	0.58083	-1.72167	0.263048	0.85838	-1.16498	0.297652	1.15177	1.15177	3.22263	0.874193	0.241126	1
cg21583668	MON1A;MON1A	0.0569647	0.116286	0.388632	-2.57313	0.0155166	0.193229	-5.17521	0.0373347	0.262325	-3.81206	0.207711	0.479193	-2.08684	0.035086	0.25677	-3.89453	0.134879	0.409595	-2.44144	0.0323857	0.249774	-4.00362	0.0155154	0.193224	-5.17535	0.108607	0.379405	-2.63571	3.2226	15.6511	4.31703	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(1057 vs. N)	Fold-Change(1-vs-057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg14882481	ALK	HB	0.0569659	0.019568	-2.509014	0.0226004	0.428243	-2.35132	0.431857	0.779444	-1.28297	0.712843	1.12167	1.12167	1.962999	1.01451	1.01451	0.617039	1.16953	0.116953	0.06646449	0.334859	-2.59833	0.5938373	0.8460249	-1.18196	0.7754099	0.914981	-1.09202	3.22258	4.92426	1.35827	1
cg01596854	EXD3 | LRRC27;LRRC27;LRRC27;LRRC27;LRRC2	0.0569666	0.0112269	3.37229	-2.96481	0.243846	0.399433	-2.50355	0.2628568	0.6742074	-1.48322	0.162179	0.6001597	-1.666222	0.168107	0.6050005	-1.65288		0.114431	0.55578	-1.79927	0.0115395	0.339352	-2.9468	0.83535	1.0738	1.0738	0.076691	0.509884	-1.96123	3.22256	5.9733	1.64763	1
cg01530568	?	0.0569672	0.0467346	0.182186	-5.48891	0.00519486	0.0634004	-15.7728	0.0435577	0.176326	-5.6713	0.285168	0.435987	-2.29365	0.0456451	0.180201	-5.54935		0.0911537	0.248726	-4.02048	0.0654702	0.213079	-4.6931	0.0555237	0.197363	-5.0668	0.388044	0.516043	-1.93782	3.22255	28.5403	7.8724	1
cg07739257	CIAPIN1;COQ9	0.0569673	0.745407	1.03844	1.044017	0.833842	-1.19227	0.423507	1.09926	1.09926	1.424924	0.908912	-1.10022	0.404259	1.10385	1.10385			0.00883238	0.679824	-1.47097	0.886684	0.983628	-1.01664	0.984235	0.963107	-1.03831	0.015891	1.407631	1.407063	3.22255	0.6840436	0.188681	1
cg21116871	DHX30;DHX30	0.0569678	0.922273	1.00869	1.008069	0.2245688	1.1198	1.1198	0.3110536	1.32668	1.326468	0.1595446	1.14262	0.6415953	1.23165	0.6081			0.1098848	0.856778	-1.16716	0.8660641	0.10571	1.01575	0.423387	1.07522	1.07522	0.0247259	1.267615	1.267565	3.22254	0.4015541	0.110759	1
cg08426733	VWA1;VWA1	0.0569684	0.0710516	0.619801	-1.61342	0.0314775	0.549669	-1.81928	0.0308759	0.548105	-1.82448	0.0693788	0.617621	-1.61912	0.0489465	0.586652	-1.70459		0.112014	0.663315	-1.50758	0.00634042	0.4304112	-2.32335	0.246339	0.750072	-1.3332	0.505967	0.852068	-1.17362	3.22252	2.87189	0.792172	1
cg15446239	TATDN1;TATDN1;TATDN1	0.0569694	0.973918	0.902909	-1.10754	0.0898859	0.64499	-1.55078	0.1441927	1.435052	1.435052	0.398578	1.20715	1.207715	0.0978383	0.475541	-2.10287		0.409159	0.832038	-1.20187	0.0990764	0.6705037	-1.48142	0.178191	1.163563	1.163563	0.2126828	0.750264	-1.33286	3.2225	2.42162	0.667976	1
cg25788513	LOC100188947	0.0569697	0.691805	0.9338003	1.070581	0.522225	1.11794	1.11794	0.0442739	0.9372213	-1.48762	0.822242	0.962059	-1.03944	0.2606318	1.223401	1.223401		0.0131188	0.58932	-1.69687	0.1210801	0.588174	-1.70018	0.522177	1.11794	1.11794	0.3358866	0.843174	-1.18599	3.22249	1.508806	0.415981	1
cg27488503	GRK4;GRK4;GRK4;NOP14	0.0569707	0.019804	0.336749	-2.96957	0.237895	0.619855	-1.61328	0.175861	1.74502	1.74502	0.754677	0.885803	-1.12892	0.0387381	0.396159	-2.52424		0.46641	0.750724	-1.33205	0.022439	0.347172	-2.88042	0.0275623	0.36494	-2.74017	0.5420312	0.787595	-1.26969	3.22247	7.63758	2.10675	1
cg15067386	PBX4/5	0.0569712	0.0483172	2.307134	-1.50004	0.0319975	0.2012691	-3.34233	0.0787839	0.319955	-3.12941	0.0738565	0.312104	3.204406	0.020841	3.204406	-3.0809		0.0550671	0.280496	-3.56511	0.0194884	0.2648594	-3.77622	0.0224252	0.0214724	0.1709093	-5.02531	0.009913	0.361176	-2.76873	0.22246	17.4317	4.80389	1
cg03113699	MEGF6	0.0569724	0.0652327	0.636813	-1.57032	0.0792781	0.653927	-1.52922	0.0244627	0.557421	-1.79397	0.631386	0.899669	-1.11115	0.0300024	0.411779	-2.42849		0.657102	0.907183	-1.10231	0.710191	0.7272217	-1.3751	0.917927	0.951449	-1.05103	0.982887	1.00469	1.004669	3.22244	2.42613	0.669232	1
cg06934265	MIR453;MIR485;MIR668	0.0569724	0.425782	0.808269	-1.23723	0.4216514	1.23927	1.2397	0.450498	0.837755	-1.22292	0.635191	0.882417	-1.13325	0.0188277	0.315565	-3.16892		0.553671	0.847001	-1.17998	0.119328	1.55645	1.556451	0.495617	1.19852	1.19852	0.916786	1.022735	1.022735	3.22244	3.49621	0.964408	1
cg16636612	FAM83E	0.0569737	0.489871	0.8312269	-1.20298	0.582516	1.15751	1.15751	0.113763	0.635502	-1.57356	0.482835	1.20672	1.20672	0.00128904	0.2906503	-3.44112		0.795345	1.07088	1.07088	0.915203	0.972328	-1.02846	0.950093	1.01663	1.01663	0.877925	0.960312	-1.04133	3.22241	3.54257	0.977203	1
cg13614741	ZNF783	0.0569751	0.65506	0.921025	-1.08575	0.00367125	0.487419	-2.05162	0.52396	1.12542	1.12542	0.622869	0.913301	-1.09493	0.420834	1.15956	1.15956		0.808243	0.95649	-1.04549	0.0397595	1.5449	1.5449	0.93864	1.01419	1.01419	0.159198	0.759372	-1.31688	3.22238	1.708432	0.471237	1
cg02097479	DOCK9;DOCK9;DOCK9;DOCK9;DOCK9	0.05698	0.244122	1.412	1.412	0.1172953	0.4440358	-1.27253	0.124429	0.6243383	-1.60158	0.722415	0.9039446	-1.10626	0.47784	1.22668	1.22668		0.146229	1.55519	1.555519	0.1180447	2.25527	2.25527	0.488301	0.893878	-1.12059	0.8260646	0.939893	-1.06395	3.22227	4.09075	1.12847	1
cg04415780	NTRK1;INSR8	0.0569814	0.0884174	2.43582	2.43582	0.916211	1.0511	1.0511	0.549075	1.33258	1.33258	0.149091	2.08079	2.08079	0.142205	2.11116	2.11116		0.056049	2.78693	2.78693	0.00328826	6.66476	6.66476	0.0312244	3.31077	3.31077	0.102797	2.32877	2.32877	3.22224	11.4466	3.15767	1
cg04530420	OSER1	0.0569817	0.3019913	0.933004	-1.07181	0.194442	0.780731	-1.28085	0.072685	1.43487	1.43487	0.0176719	0.594303	-1.68254	0.0087947	0.547924	-1.82507		0.946472	1.01218	1.01218	0.951838	0.8413128	-1.1886	0.16509	0.76566	-1.30606	0.667499	0.925029	-1.08105	3.22223	1.6594	0.457764	1
cg21176475	LRRC43;LRRC43	0.0569819	0.0949319	0.611681	-1.63494	0.593849	0.960582	-1.04167	0.0290457	1.0894	1.0894	0.1115321	0.8275721	-1.5804	0.0091333	0.4142604	-2.42363		0.5509961	0.85106	-1.175	0.8615904	1.04622	1.04622	0.2327358	0.712634	-1.40325	0.5830106	1.16112	1.16112	3.22219	3.64704	1.00609	1
cg01116021	AGAP1;AGAP1	0.0569854	0.0295591	0.626347	-1.59656	0.0372681	0.643084	-1.55501	0.042145	0.6521233	-1.53345	0.424023	1.16079	1.16079	0.425712	0.86197	-1.16013		0.0979978	0.717879	-1.39299	0.466304	1.14497	1.14497	0.0781792	1.42953	1.42953	0.531167	0.8906221	-1.12281	3.22215	1.70171	0.469447	1
cg21806672	PDIA4P1	0.0569856	0.042057	5.53961	5.539611	0.2180234	2.50223	2.50223	0.316404	2.14245	2.14245	0.97073	1.02734	1.027341	0.6221264	1.1081	1.1081		0.0542684	4.97987	4.97987	0.17082	2.92102	2.92102	0.0019701	2.44544	2.44544	0.337524	2.06832	2.06832	3.22215	27.5693	7.6055	1
cg25943845	GDF2;GDF2	0.0569873	0.921597	1.02441	1.024441	0.1515303	1.45713	1.45713	0.00392172	0.38637	-2.58819	0.934497	0.980065	-1.02034	0.9910661	1.00275	1.00275		0.9580062	0.9872	-1.01297	0.6569485	1.695058	1.695058	0.1736362	1.42536	1.42536	0.496139	1.19923	1.19923	3.22211	3.06245	0.844844	1
cg06688303	MAL;MAL;MAL;MAL	0.0569886	0.963594	0.945006	-1.05833	0.0882465	0.4613295	-1.34255	0.2703702	0.7095205	1.3395	0.3167587	0.5451	1.834552	0.0174522	0.4870202	-2.05284		0.3437897	0.9458	1.057484	0.6042856	0.8239	1.213592	0.5425145	1.132155	1.132155	0.6842856	0.9939	0.993939	0.685019	1.44807	1.448072	0.008405	3.22208	3.05448	0.914741	1
cg08513688	BCORL1	0.05989	0.0545008	0.596388	-1.67676	0.00364456	0.393836	-2.53913	0.712722	0.916108	-1.09157	0.995081	0.998541	-1.00146	0.322356	0.784894	-1.27406		0.284771	0.76855	-1.30115	0.0813389	1.58054	1.58054	0.568581	1.14629	1.14629	0.792804	0.939535	-1.06436	3.22207	2.86453	0.790253	1
cg06946838	MDFIC;MDFIC;MDFIC	0.0569897	0.0955431	0.3591	-2.78474	0.0579101	0.307415	-3.31702	0.284642	0.537064	-1.86197	0.086519	0.346793	-2.88356	0.0342794	0.251248	-3.98012		0.154835	0.426719	-2.34346	0.0494646	0.124693	-8.01966	0.0163862	0.257765	-3.8795	0.079192	0.336217	-2.97434	3.22206	15.964	4.40408	1
cg00087110	CACNA2D2;CACNA2D2	0.0569898	0.0346894	0.364184	-2.74646	0.1302671	0.2678	-3.73435	0.0772653	0.2687	-3.7233	0.0916683	0.466422	-2.14274	0.0648971	0.433103	-2.30849		0.0242505	0.13285	-7.52632	0.0173275	0.0787959	-12.6822	0.0044855	0.0206602	0.341448	-2.9287	0.12005	0.816642	3.22186	0.836866	2.31886	1
cg13666774	C12orf59	0.0569901	0.0775347	0.316725	-3.15731	0.0852793	0.327979	-3.04898	0.0399199	0.24867	-4.02139	0.426531	0.621417	-1.60923	0.0212558	0.197402	-5.0658		0.0393611	0.247397	-4.04209	0.0160178	0.1777707	-5.62726	0.0466379	0.263154	-3.80006	0.0497502	0.269412	-3.71179	3.22205	17.522	4.83392	1
cg22766532	APBA2;APBA2	0.0569905	0.1183503	0.484349	-2.06451	0.378475	0.604838	-1.65317	0.333899	0.832722	-1.20105	0.440097	0.689133	-1.45114	0.0242097	0.3558353	-2.81016		0.094929	0.423921	-2.35983	0.0616572	0.2696535	-3.70951	0.0222481	0.1838308	-5.44128	0.0562158	0.363782	-2.7489	3.22204	11.3602	3.37084	1
cg06597895	TGM4	0.0569912	0.649046	1.29138	1.29138	0.484101	0.672423	-1.48716	0.0371163	0.259536	-3.85303	0.170067	0.442388	-2.26046	0.0042879	0.1185596	-8.43199		0.2309768	0.503077	-1.98777	0.036042	0.2954424	-3.38979	0.0727543	0.767185	-1.31374	0.0509077	0.2890442	-3.45971	3.22202	15.8952	4.38517	1
cg22903471	GCKR	0.0569962	0.168908	1.52352	1.52352	0.0891597	0.583659	-1.71333	0.00946672	0.388903	-2.57134	0.606508	0.861369	-1.16094	0.020637	0.449025	-2.22705		0.0917861	0.586725	-1.70438	0.944565	1.02017	1.02017	0.64236	0.874299	-1.14377	0.513625	1.20958	1.20958	3.22201	4.21007	1.16148	1
cg14932135	KDM5D;KDM5D;KDM5D	0.0569922	0.739001	1.08744	1.087441	0.2124123	1.24129	1.24129	0.163324	2.14245	2.14245	0.149041	1.40941	1.409411	0.24988	1.5250007	1.525001		0.584013	1.5257	1.525697	0.0426808	-23.3131	0.0426808	-23.3131	0.1794572	1.522	1.522	0.0493792	1.594822	1.594822	3.22201	0.8837399	1.194172	1.222	0.0119889	0.0119889	3.22201	0.826075	1
cg12531177	GRB3;GRB1;GRB1	0.0569928	0.289291	0.902347	-1.10811	0.0332178	0.687054	-1.45549	0.225465	0.887979	-1.12615	0.746173	0.970143	-1.03078	0.504742	0.938782	-1.06521		0.7702	1.02771	1.027711	0.0932514	1.18806	1.18806	0.284404	1.10935	1.109385	0.1910398	0.8788081	-1.1379	3.22199	0.4444479	0.122624	1
cg23352597	CHST7	0.0569934	0.0541853	0.5996	-1.66798	0.1607737	0.645875	-1.549	0.2213	0.5417863	1.845	0.2213	0.5734838	-1.74398	0.6642557	0.7933151	-1.26054	0.3164662	0.4822	2.074	0.4822	0.4007759	0.6107445	-1.63728	0.3164662	2.074	0.4822	0.4007759	0.6107445	-1.63728	0.3164662	2.074	0.4822	3.22198	0.4824887	-2.07243	0.4822	0.4007759	1
cg25877087	BMX	0.0569935	0.167343	1.40103	1.40103	0.00441689	0.418748	-2.38807	0.28958	0.777375	-1.28638	0.597853	1.1297	1.1297	0.128658	0.684553	1.45676		0.431342	1.20201	1.20201	0.219027	1.34466	1.34466	0.311285	0.7786634	-1.27124	0.233819	0.751298	-1.33103	3.22197	2.67827	0.738891	1
cg15773261	GPR133 | ATP6V1G2;NFKBIL1;NFKBIL1;NFKBIL1;A	0.0569957	0.332326	2.24999	2.24999	0.0072812	1.65531	1.65531	0.0368121	1.74573	1.74573	0.0975939	1.36608	1.36608	0.100332	1.43072	1.43072		0.0861634	1.65231	1.65231	0.0282082	1.193	1.193	0.0372739	1.71094	1.71094	0.0815936	1.482889	1.482889	3.22192	13.5489	9.25573	1
cg22369037	TP6V1G2;NFKBIL1	0.0569962	0.0419258	0.0958555	-10.4324	0.0326115	0.0819883	-12.1976	0.0961025	0.160769	-6.22009	0.241137	0.293084	-3.412	0.0152369	0.0507518	-19.7037		0.149839	0.213471	-4.68448	0.00843559	0.0345791	-28.9192	0.3189868	0.356966	-2.80139	0.0759843	0.138748	-7.20729	3.22191	51.0489	14.0838	1
cg00388880	UHRF1;HNF1	0.0569963	0.613351	0.929733	-1.07559	0.174377	0.22932	-4.3602	0.0016855	0.0972515	-10.2813	0.0014852	0.0139725	-7.15261	0.0625737	0.1635	-6.11765		0.0150773	0.029227	-17.0761	0.0193451	0.0232833	-42.9605	0.0044153	0.0124307	-20.1654	0.0191599	0.0400103	-24.9966	0.0014852	0.0139725	-7.15261	0.0625737	0.1635	-6.11765	3.22189	0.1409	0.2387465	1
cg01505661	NXPH4	0.0569974	0.0387524	7.12908	7.12908	0.172	1.29751	1.29751	0.295723	2.43482	2.43482	0.262323	2.61009	2.610093	0.25135	2.86592	2.86592		0.0822577	8.4541	8.45441	0.00642405	18.038	18.038	0.146717	3.59049	3.59049	0.0219677	5.53882	9.53882	3.22189	34.3683	9.4819	1
cg17751569	CD180	0.0569975	0.0218282	0.700504	-1.42754	0.319456	0.875407	-1.14233	0.198923	1.19192	1.19192	0.398272	1.11835	1.11835	0.0329789	0.724313	-1.38062		0.438827	0.902914	-1.10752	0.437762	1.1078	1.1078	0.123903	0.80613	-1.24049	0.026505	0.711638	-1.40521	3.22188	0.8531582	0.235496	1
cg19384415	CCBE1	0.0569978	0.2567674	1.31912	1.319122	-1.15445	0.437874	1.53537	1.53537	0.94641	-1.05645	0.397225	1.16715	1.16715	0.0625737	1.3555	1.355502		0.108307	1.61378	1.613778	0.0153447	1.44061	1.440614	0.0054331	1.624948	1.624948	0.0231318	1.52318	1.523184	3.22188	6.32318	1.74451	1
cg17594624	ALG8;ALG8	0.0569985	0.12841	0.57718	-1.73256	0.1246697	0.351562	-2.82836	0.0996094	0.546852	-1.82865	0.724709	0.884475	-1.12552	0.100328	0.547682	-1.82588		0.480119	0.786589	-1.27131	0.0861714	1.88525	1.885251	0.156388	1.66036	1.66036	0.435603	1.30475	1.304751	3.22186	5.706921	1.5745	1
cg20322299	INSIG2	0.0569988	0.0582108	0.5911	-1.69161	0.2648	0.6849	-1.4603	0.1574	0.6628	-1.5084	0.2373	0.5937	-1.6844	0.0916683	0.4648222	-2.15124	0.3889483	0.4638	2.156	0.4638	0.3889483	0.4638	2.156	0.4638	0.3889483	0.4638	2.156	0.4638	0.3889483	0.4638	2.156	0.4638	3.22186	0.4638	-2.156	0.4638	0.3889483	1
cg00275628	AGPAT1;AGPAT1	0.0569997	0.141344	0.722331	-1.38441	0.0884772	0.679437	-1.47181	0.626504	0.904064	-1.10612	0.0701432	0.515642	1.51642	0.0117029	0.523211	-1.91127		0.0459723	0.624779	-1.60056	0.185791	0.74938	-1.33444	0.4303	1.18004	1.18004	0.434838	0.8488861	-1.17805	3.22184	2.15794	0.595366	1
cg08017634	NAPRT1	0.0570019	0.523021	0.756249	-1.32232	0.0881499	0.4145538	-1.29707	0.787576	0.889464	-1.12396	0.189971	0.5018892	-1.99251	0.0035975	0.4020097	-2.48816		0.202223	0.510262	-1.96003	0.0115565	0.4603518	-2.17228	0.0142264	0.1334111	-7.49478	0.0066781	0.1034636	-9.66731	0.0035975	0.4020097	-2.48816	0.0115565	0.4603518	-2.17228	0.0142264	0.1334111	-7.49478	0.0066781	0.1034636	-9.66731	3.22184	0.9505372	0.262252	1
cg05605996	NCLN	0.0570054	0.0122217	0.4790053	-2.08746	0.480762	1.18407	1.18407	0.0144969	0.449359	-2.22	0.0161437	0.4755227	-2.10293	0.326081	0.787395	-1.27001		0.211793	0.733388	-1.36354	0.619283	0.8886264	-1.12531	0.764062	0.931497	-1.07354	0.4841	1.1825	1.18254	3.22181	1.6661	0.782353	1
cg18561871	ZSCAN4;ZSCAN4 | SNORD115-15;SNORD115-21;HBII-52-	0.0570046	0.875957	1.01548	1.015488	0.568761	1.05826	1.05826	0.800618	1.02519	1.02519	0.611276	1.05168	1.05168	0.0135635	0.74059	-1.35027		0.687656	1.04053	1.04053	0.81116	0.976743	-1.02381	0.0689163	0.818636	-1.22154	0.00603023	0.702797	-1.42289	3.22173	0.493132	0.136057	1
cg05334119	27	0.0570063	0.0168764	0.363987	-2.74735	0.0908121	0.524185	-1.90773	0.0212585	0.382911	-2.61157	0.228128	0.644956	-1.55049	0.120048	0.557277	-1.79444		0.0949034	0.529246	-1.88948	0.0740185	0.501428	-1.99431	0.1484905	0.58432	-1.71139	0.00858256	0.312771	-3.19722	3.22169	0.613315	1.69218	1
cg14935165	WDR3;GDAP2;GDAP2	0.0570071	0.906766	1.01988	1.019884	0.410889	1.15169	1.15169	0.0253165	1.56814	1.56314	0.00918166	1.74322	1.74322	0.950989	1.17165	1.17165		0.9077115	0.980707	-1.01957	0.9380299	0.6530979	-1.53125	0.9780951	1.05614	1.05614	0.0946196	0.9886893	-1.01144	3.22167	1.44001	0.997111	1
cg15362125	FAM458;FAM458A	0.0570077	0.8574067	-1.04061	-1.04061	0.8263112	1.19422	1.19422	0.2326124	0.635638	-1.57349	0.4178846	0.8716165	0.6406567	-1.56087	0.0492456	0.6084842		0.0881317	0.659338	-1.51667	0.508402	0.6099	-1.63959	0.0458138	0.650983	-1.53583	0.0612085	0.5260951	-1.90092	3.22166	1.499062	0.689672	1
cg25320496	POTE1	0.0570098	0.349294	0.839141	-1.19169	0.169962	0.766395	-1.30481	0.0073436	0.533129	-1.87572	0.0627774	0.688496	-1.45242	0.0094503	0.616827	-1.6212		0.716042	1.06875	1.06875	0.475196	0.876191	-1.1443	0.0178645	0.592141	-1.68879	0.961159	0.991175	-1.0089	3.22161	1.690445	0.466419	1
cg15129663	FMO1	0.0570128	0.125538	0.6995	-1.42958	0.1838352	0.274406	-3.64361	0.0810972	0.3745	-2.67013	0.1776	0.374174	-2.67225	0.0135844	0.3978385	-2.51384	0.2514284	0.3745	2.67013	0.3745	0.2514284	0.3745	2.67013	0.3745	0.2514284	0.3745	2.67013	0.3745	0.2514284	0.3745	2.67013	0.3745	3.22161	0.3745	-2.67013	0.3745	0.2514284	1
cg22215784	GPM6B	0.0570132	0.0110784	0.13399	-7.46322	0.0761614	0.287847	-3.47406	0.0648527	0.270278	-3.6999	0.377574	1.77054	1.770554	0.102459	0.323819	-3.08815		0.0394345	0.222391	-4.49659	0.4140425	0.5904441	-1.69365	0.609279	1.3844	1.3844	0.050341	2.244723	-4.08625	3.22154	20.314	5.60504	1
cg13726184	IGF2R	0.0570145	0.1307012	0.317122	-3.15445	0.437874	1.53537	1.53537	0.94641	-1.05645	0.397225	1.16715	1.16715	0.0625737	1.3555	1.355502		0.0153447	0.0011565	0.331322	0.8348002	0.1137572	-7.22692	0.0011565	0.331322	0.8348002	0.1137572	-7.22692	0.0011565	0.331322	0.8348002	0.1137572	-7.22692	0.0011565	0.331322	0.8348002	0.1137572	-7.22692	3.22154	14.9791	4.13306	1
cg04208499	NCOA6	0.0570158	0.854181	1.04631	1.046312	0.4140906	0.475383	-2.10357	0.912707	0.97337	-1.02736	0.1312146	0.695237	-1.43862	-2.12976	0.70836	-1.0969		0.467721	1.19946	1.19946	0.0162757	1.448521	-2.06096	0.873494	0.961675	-1.03985	0.907137	1.029114	1.029114	3.22148	1.091	0.852886	1
cg00750402	ILK;RRP8;ILK;ILK	0.0570161	0.0579405	1.76965	1.76965	0.580789	1.09208	1.09208	0.673189	1.06929	1.06929	0.253887	1.20702	1.20702	0.869767	0.974421	-1.02625		0.0603683	1.39719	1.39719	0.191593	0.803871	-1.24398	0.290889	1.18896	1.18896	0.0208548	1.55138	1.55138	3.22148	1.272229	0.351059	1
cg03135926	KIAA0247	0.0570186	0.1005541	0.5124	-1.95121	0.2116	0.5964	-1.6766	0.1178	0.5426	-1.8427	0.1524247	0.722843	1.383243	0.0154	0.5426	-1.8427		0.1920851	0.5363	-1.8648	0.1178	0.6902626	0.1662	-6.0166	0.1178	0.6902626	0.1662	-6.0166	0.1178	0.6902626	0.1662	-6.0166	0.1178	0.6902626	0.1662	-6.0166	0.1178	3.22148	0.494424	1.4897	0.5364	1.88026	1
cg02817839	TMEM38A;C19orf42;TMEM38A	0.0570189	0.188151	0.819832	-1.21976	0.226003	1.19854	1.19854	0.0567096	0.735469	-1.35968	0.041289	0.715109	-1.39839	0.0047737	0.724348	-1.38055		0.199766	0.824508	-1.21284	0.0345671	0.70094	-1.42658	0.134709	1.25826	1.25826	0.598947	0.927189	-1.07853	3.22142	1.03531	0.285674	1
cg20805611	ORS1F1	0.0570191	0.0747955	0.5975	-1.67369	0.198814	0.314606	-3.17846	0.0396756	0.232104	-4.30886	0.0193093	0.188366	5.310506	0.0067156	0.2704246	-3.69806		0.374594	0.844127	-1.18463	0.3106705	0.1094878	-9.13489	0.0249353	0.2340474	-4.27033	0.1165152	0.3204814	-3.12064	3.22141	12.1203	3.46613	1
cg25951075	RASGEF1C	0.0570201	0.132876	0.454605	-2.19971	0.2905	0.586649	-1.7046	0.154041	0.476212	-2.09991	0.0300657	0.289256	-3.45714	0.02633	0.277821	-3.59944		0.463785	0.695907	-1.43697	0.00334034	0.143442	-6.97145	0.712668	0.835408	-1.19702	0.115465	0.435192	-2.29784	3.22139	12.0594	3.32759	1
cg14916981	C15orf23;C15orf23;C15orf23	0.0570204	0.48116	0.754095	-1.32609	0.226621	0.60629	-1.64938	0.013826	3.31753	3.31753	0.828876	1.08907	1.08907	0.649474	0.834974	-1.19764		0.57225	0.798565	-1.25225	0.057788	2.32925	2.32925	0.028308	2.77462	2.77462	0.074707	2.18653	2.18653	3.22138	7.92668	2.18724	1
cg27087956	PRDM5	0.0570212	0.491846	1.03124	1.031237	0.6509	1.08502	1.08

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18519694	MLL	0.0570961	0.351809	1.14483	1.14483	0.0364049	0.709408	-1.40963	0.617498	0.931396	-1.07366	0.0331972	0.703681	-1.4211	0.0134136	0.649073	-1.54066	0.0608	0.742044	-1.34763	0.879187	1.0217	1.0217	0.678815	0.942917	-1.06054	0.256561	1.18194	1.18194	3.21972	1.01606	0.280511	1
cg08157318	GNPTAB	0.057097	0.645995	0.950239	-1.05237	0.325148	0.89393	-1.11866	0.127171	0.833558	-1.19968	0.485517	0.924767	-1.08135	0.0520479	0.783558	-1.27623	0.273756	1.13393	1.13393	0.0148274	1.3921	1.3921	0.864736	1.01899	1.01899	0.0379792	0.766813	-1.3041	3.2197	0.621058	0.17146	1
cg14443640	LPIN2	0.0571017	0.961789	1.00665	1.00665	0.057887	1.34559	1.34559	0.305062	1.15839	1.15839	0.824179	1.03129	1.03129	0.514188	1.09591	1.09591	0.681261	1.05884	1.05884	0.00132447	1.90888	1.90888	0.229628	1.19066	1.19066	0.619366	0.933021	-1.07179	3.2196	0.977304	0.269821	1
cg10775230	TMIE	0.057103	0.327425	0.592759	-1.68703	0.941907	1.03842	1.03842	0.282113	1.78284	1.78284	0.874648	0.921577	-1.0851	0.106936	0.402351	-2.48539	0.127315	0.426142	-2.34664	0.00199314	0.104563	-9.56357	0.147766	0.447822	-2.23303	0.659331	0.794935	-1.25797	3.21957	13.6454	3.76734	1
cg01351869	C15orf37;ST20;ST20	0.0571044	0.912181	0.983534	-1.01674	0.534709	1.09925	1.09925	0.0392425	1.43192	1.43192	0.215071	0.821685	-1.21701	0.101753	1.30944	1.30944	0.087458	1.32835	1.32835	0.0464358	1.40957	1.40957	0.0149655	1.56869	1.56869	0.0538758	1.39013	1.39013	3.21954	1.1549	0.318859	1
cg15329876	KRT9	0.0571052	0.284288	2.33274	2.33274	0.136353	0.294599	-3.39445	0.0595323	0.197997	-5.05058	0.503581	1.67683	1.67683	0.332618	0.467147	-2.14065	0.063805	0.204604	-4.88749	0.00414671	0.0535744	-18.6656	0.57356	0.648517	-1.54198	0.221113	0.375502	-2.6631	3.21952	29.5697	8.164	1
cg14833805	MCPH1	0.0571055	0.59229	1.10756	1.10756	0.111874	0.720949	-1.38706	0.206735	0.777515	-1.28615	0.674812	0.923354	-1.08301	0.0825953	0.695365	-1.43809	0.541295	1.12396	1.12396	0.00429153	2.05815	2.05815	0.575453	0.898589	-1.11286	0.522511	0.884721	-1.1303	3.21952	1.82104	0.502777	1
cg06715352	CMTM4;CMTM4	0.0571077	0.0481197	0.513814	-1.94623	0.597461	0.854625	-1.1701	0.267576	0.711443	-1.40559	0.137565	1.60227	1.60227	0.00941415	0.378949	-2.63887	0.433744	1.26551	1.26551	0.996024	0.998532	-1.00147	0.814347	1.0718	1.0718	0.0297169	0.470347	-2.12609	3.21947	4.43106	1.22341	1
cg03060764	SDK1;SDK1	0.0571083	0.778675	1.07365	1.07365	0.272154	1.33415	1.33415	0.695327	1.10437	1.10437	0.446953	1.21593	1.21593	0.969426	1.00971	1.00971	0.82307	1.05811	1.05811	0.00258143	0.348688	-2.8679	0.637585	1.12714	1.12714	0.0469529	0.563505	-1.77461	3.21946	3.2437	0.895583	1
cg03405114	PSTPIP2	0.0571103	0.405464	1.2209	1.2209	0.852725	0.957358	-1.04454	0.261484	0.759882	-1.31599	0.241327	1.33323	1.33323	0.867157	1.04004	1.04004	0.255936	0.75723	-1.3206	0.0936894	0.649034	-1.54075	0.012311	0.481448	-2.07707	0.0106875	0.47121	-2.1222	3.21941	2.80372	0.774115	1
cg12572278	OAF	0.0571115	0.0564302	0.210942	-4.74065	0.0471634	0.194673	-5.13681	0.593353	0.67819	-1.47451	0.219497	0.394442	-2.53523	0.0396535	0.180135	-5.55138	0.196335	0.373694	-2.67599	0.00411013	0.0624519	-16.0123	0.0571679	0.212172	-4.71317	0.0897541	0.259871	-3.84806	3.21939	26.467	7.30766	1
cg21046940	DAP	0.057112	0.0406052	0.823432	-1.21443	0.647354	0.962862	-1.03857	0.618169	1.04216	1.04216	0.445924	0.938152	-1.06593	0.89678	1.01072	1.01072	0.0691197	0.846104	-1.18189	0.00219025	0.702579	-1.42333	0.644	0.962485	-1.03898	0.812487	1.01972	1.01972	3.21938	0.344261	0.0950526	1
cg01111842	PNPLA7;MRPL41;PNPLA7;PNPLA7;PNPLA7	0.0571126	0.192256	0.849174	-1.17761	0.0262699	1.36646	1.36646	0.0971683	1.24066	1.24066	0.619399	0.942412	-1.06111	0.736423	0.960773	-1.04083	0.641056	1.05719	1.05719	0.00850473	0.671784	-1.48857	0.495826	0.92135	-1.08536	0.813349	1.02841	1.02841	3.21936	0.715419	0.197532	1
cg01497921	CHMP1A;CHMP1A	0.057115	0.0155611	1.96418	1.96418	0.0746165	1.57132	1.57132	0.0540729	1.64464	1.64464	0.0234873	1.85106	1.85106	0.202729	0.736388	-1.35798	0.482433	1.17638	1.17638	0.413704	0.82684	-1.20942	0.152647	1.41705	1.41705	0.745081	1.07706	1.07706	3.21931	2.63999	0.728932	1
cg27214730	EPHB3	0.0571151	0.467033	1.33075	1.33075	0.467555	1.33029	1.33029	0.0078385	0.267809	-3.73401	0.0479418	0.417688	-2.39413	0.686497	1.1696	1.1696	0.21599	1.65324	1.65324	0.213699	1.65784	1.65784	0.203797	1.67841	1.67841	0.268809	0.641039	-1.55997	3.21931	7.60048	2.09858	1
cg18607609	IQGAP2	0.0571152	0.157252	0.618325	-1.61727	0.740282	1.11152	1.11152	0.338202	1.3686	1.3686	0.0472068	0.485911	-2.05799	0.00424891	0.296364	-3.37423	0.0535719	0.498193	-2.00725	0.592518	0.842227	-1.18733	0.564606	1.20332	1.20332	0.440722	0.778883	-1.28389	3.2193	5.15068	1.42216	1
cg16017904	PADI6	0.0571155	0.103219	0.59649	-1.67647	0.104076	0.597394	-1.67394	0.327144	0.745835	-1.34078	0.419294	0.787234	-1.27027	0.00699814	0.363823	-2.74859	0.242087	0.70122	-1.42609	0.0388876	0.499975	-2.0001	0.00754967	0.369188	-2.70864	0.1867	0.666463	-1.50046	3.2193	4.28494	1.18313	1
cg18564971	SMURF1;SMURF1	0.0571156	0.0857079	0.592308	-1.68831	0.84561	0.947663	-1.05523	0.106453	1.62594	1.62594	0.830628	1.06084	1.06084	0.00982411	0.406587	-2.4595	0.265514	0.726185	-1.37706	0.564155	1.1744	1.1744	0.0498748	1.85286	1.85286	0.522149	1.19587	1.19587	3.2193	3.8767	1.07041	1
cg14439952	PTPRD;PTPRD	0.0571162	0.550985	0.725215	-1.3789	0.306575	1.75722	1.75722	0.861409	1.09753	1.09753	0.568332	1.35947	1.35947	0.183416	2.1206	2.1206	0.179466	2.13692	2.13692	0.0259128	4.08906	4.08906	0.00361592	8.1458	8.1458	0.0425486	3.46838	3.46838	3.21928	14.4611	3.9929	1
cg17835614	POM121	0.0571167	0.0226333	0.271299	-3.68597	0.193787	0.518321	-1.92931	0.0517085	0.347043	-2.88149	0.277691	0.583004	-1.71525	0.00588329	0.178588	-5.59947	0.187246	0.512692	-1.95049	0.127708	0.455131	-2.19717	0.0212686	0.266267	-3.75563	0.13033	0.457974	-2.18353	3.21927	11.6477	3.2161	1
cg11119742	GPR176	0.0571172	0.736801	1.02622	1.02622	0.0344759	1.20834	1.20834	0.211592	1.10627	1.10627	0.327856	1.08059	1.08059	0.0355778	1.20653	1.20653	0.046143	0.839168	-1.19166	0.0731199	0.857805	-1.16577	0.429033	0.939925	-1.06391	0.692563	1.03097	1.03097	3.21926	0.30026	0.0829064	1
cg10113820	SLC45A4	0.0571173	0.451158	0.848639	-1.17836	0.079514	1.516	1.516	0.443262	0.846106	-1.18188	0.0361443	1.68355	1.68355	0.0296302	0.57846	-1.72873	0.66631	0.911426	-1.09718	0.14741	1.39421	1.39421	0.188268	1.34721	1.34721	0.138417	0.711046	-1.40638	3.21926	2.33011	0.643381	1
cg03362053	NEU3	0.0571175	0.956917	0.99291	-1.00714	0.418898	1.11493	1.11493	0.449919	1.10673	1.10673	0.598022	0.932319	-1.07259	0.170064	1.21224	1.21224	0.635437	1.06492	1.06492	0.00526061	0.615879	-1.6237	0.544873	0.922459	-1.08406	0.0279795	1.40773	1.40773	3.21926	0.884524	0.244232	1
cg16983152	BAT2	0.0571183	0.56105	1.14358	1.14358	0.00454593	2.36985	2.36985	0.0293064	1.7969	1.7969	0.0843104	1.54638	1.54638	0.782272	1.06528	1.06528	0.310763	0.787098	-1.27049	0.285322	0.776219	-1.2883	0.799707	1.05975	1.05975	0.956626	0.987661	-1.01249	3.21924	2.65673	0.733571	1
cg00906183	HGS;ARL16;ARL16	0.0571184	0.321502	1.13799	1.13799	0.0189854	1.43113	1.43113	0.00252913	1.69731	1.69731	0.438203	1.10495	1.10495	0.684138	0.949689	-1.05298	0.891591	1.01736	1.01736	0.859052	0.977816	-1.02269	0.830398	1.02744	1.02744	0.122954	1.23481	1.23481	3.21923	0.8121	0.224235	1
cg01769341	MEGF6	0.0571189	0.3362	0.74443	-1.34331	0.54897	1.1978	1.1978	0.250693	0.699613	-1.42936	0.270186	0.710551	-1.40736	0.554059	1.19499	1.19499	0.990272	0.996378	-1.00364	0.336038	1.34345	1.34345	0.0215267	0.43967	-2.27443	0.00415048	0.318649	-3.13825	3.21922	4.51642	1.24707	1
cg10116431	C3orf58;C3orf58;C3orf58	0.0571199	0.565886	1.09081	1.09081	0.852783	0.97256	-1.02821	0.538186	1.09785	1.09785	0.356112	1.15277	1.15277	0.509355	0.904608	-1.10545	0.0372349	0.696151	-1.43647	0.630323	0.929944	-1.07533	0.00428375	1.77227	1.77227	0.209384	0.820234	-1.21916	3.2192	1.14376	0.315817	1
cg16669650	C6orf132	0.0571234	0.0427202	1.89217	1.89217	0.0143489	2.28238	2.28238	0.108917	0.620054	-1.61276	0.603774	1.15388	1.15388	0.424078	1.25005	1.25005	0.315371	1.32817	1.32817	0.271714	0.731405	-1.36723	0.0288888	2.02246	2.02246	0.41252	1.2574	1.2574	3.21913	3.81023	1.05211	1
cg02386859	CPE	0.0571262	0.355316	1.30335	1.30335	0.049047	1.87031	1.87031	0.00237283	3.25711	3.25711	0.401082	0.787035	-1.27059	0.132353	1.57226	1.57226	0.758378	1.08978	1.08978	0.545875	1.18567	1.18567	0.611051	0.866831	-1.15363	0.174394	1.49566	1.49566	3.21906	3.95828	1.09301	1
cg26839284	AMPD2;AMPD2	0.0571265	0.0455598	0.304153	-3.28782	0.1063	0.400287	-2.49821	0.259579	0.543068	-1.84139	0.257322	0.541358	-1.84721	0.0225353	0.242134	-4.12994	0.129389	0.427162	-2.34103	0.0117684	0.195286	-5.12069	0.0356477	0.281006	-3.55864	0.0210933	0.236953	-4.22024	3.21906	13.7387	3.79372	1
cg17017098	LOC729082	0.0571268	0.00804461	2.98869	2.98869	0.317067	0.716396	-1.39588	0.0503861	2.05279	2.05279	0.178126	1.58628	1.58628	0.0446353	2.10321	2.10321	0.271287	1.44674	1.44674	0.251203	1.47195	1.47195	0.998457	0.999377	-1.00062	0.216714	0.657598	-1.52069	3.21905	5.30153	1.46393	1
cg27536700	HCG27	0.057129	0.00265868	0.355399	-2.81374	0.583758	0.871334	-1.14767	0.949383	0.984322	-1.01593	0.537071	1.16833	1.16833	0.455122	0.827484	-1.20848	0.833035	0.948809	-1.05395	0.693687	0.906166	-1.10355	0.939789	1.01898	1.01898	0.0120043	0.458418	-2.18142	3.219	3.15882	0.872271	1
cg16071219	LPAR6;LPAR6;RB1;LPAR6	0.0571343	0.310682	1.98217	1.98217	0.0458383	0.224687	-4.45063	0.574199	0.690525	-1.44817	0.484548	0.629187	-1.58935	0.334109	1.91512	1.91512	0.250167	2.18983	2.18983	0.0171045	6.65785	6.65785	0.0187814	6.40501	6.40501	0.554709	1.4766	1.4766	3.21889	21.6893	5.98946	1
cg26724572	PAR-SN;SNORD107	0.057135	0.187677	1.30451	1.30451	0.499687	1.13934	1.13934	0.0103269	1.84998	1.84998	0.577666	0.898446	-1.11303	0.109818	0.717586	-1.39356	0.413286	1.17262	1.17262	0.49594	1.14068	1.14068	0.287036	0.810202	-1.23426	0.0361808	0.628895	-1.59009	3.21887	1.84787	0.510287	1
cg27657862	GIPR	0.0571352	0.567841	1.10483	1.10483	0.32403	1.19227	1.19227	0.980609	0.995812	-1.00421	0.573478	0.906459	-1.10319	0.803951	0.957965	-1.04388	0.906813	1.02042	1.02042	0.00238181	2.07765	2.07765	0.33335	0.841737	-1.18802	0.0330608	1.53772	1.53772	3.21887	1.51975	0.419678	1
cg14640509	THADA;THADA	0.0571359	0.00922211	0.451967	-2.21255	0.380359	1.24136	1.24136	0.93293	0.979979	-1.02043	0.0110698	2.15009	2.15009	0.994119	1.00177	1.00177	0.768216	1.07359	1.07359	0.829401	1.05321	1.05321	0.197358	1.3874	1.3874	0.257562	1.32828	1.32828	3.21885	2.94312	0.812744	1
cg06458169	C15orf60	0.0571376	0.0233426	0.57888	-1.72747	0.781586	1.05767	1.05767	0.0594377	1.53603	1.53603	0.0697355	0.664221	-1.50552	0.323849	1.22819	1.22819	0.352771	0.824579	-1.21274	0.0360389	1.63542	1.63542	0.466032	0.861016	-1.16142	0.941302	0.985255	-1.01497	3.21881	2.07444	0.572866	1
cg14626678	EIF4A2	0.0571384	0.435705	0.739305	-1.35262	0.993992	1.00286	1.00286	0.36658	0.703062	-1.42235	0.422426	0.732542	-1.36511	0.00217818	0.195303	-5.12024	0.522037	0.781564	-1.27948	0.0303671	0.380333	-2.62927	0.0339854	0.390608	-2.56011	0.41058	0.726435	-1.37659	3.2188	7.35418	2.0309	1
cg18644675	PPP1R3C	0.0571401	0.240025	1.16838	1.16838	0.785036	0.966006	-1.03519	0.488606	1.09308	1.09308	0.0465354	1.33425	1.33425	0.641214	1.06116	1.06116	0.850926	1.02408	1.02408	0.00433166	0.617335	-1.61987	0.488351	0.9148	-1.09314	0.17798	1.19849	1.19849	3.21876	0.815728	0.22527	1
cg10636391	ZSWIM5;ZSWIM5	0.057141	0.329414	1.18079	1.18079	0.453779	0.881619	-1.13428	0.36324	1.16682	1.16682	0.91614	1.01754	1.01754	0.439231	1.13912	1.13912	0.052346	0.694666	-1.43954	0.00248177	0.499395	-2.00242	0.834651	0.966078	-1.03511	0.863478	0.971985	-1.02882	3.21874	1.38966	0.38377	1
cg06059345	RPL31P11	0.0571414	0.620893	1.10061	1.10061	0.613374	1.10293	1.10293	0.44322	0.860432	-1.16221	0.146344	0.740959	-1.3496	0.824991	0.95831	-1.0435	0.00131801	0.407117	-2.4563	0.483368	0.872	-1.14679	0.582534	0.898755	-1.11265	0.114344	0.718756	-1.39129	3.21873	1.88474	0.520493	1
cg22598840	ZNF417	0.0571425	0.34964	1.13554	1.13554	0.0810685	1.29093	1.29093	0.679392	1.0564	1.0564	0.612498	1.06976	1.06976	0.824834	1.0297	1.0297	0.404003	1.11934	1.11934	0.00615457	0.623854	-1.60294	0.0365382	0.725557	-1.37825	0.878693	0.980037	-1.02037	3.21871	0.888586	0.245395	1
cg18964954	ASGR2;ASGR2;ASGR2	0.0571432	0.201024	1.46422	1.46422	0.823343	0.938814	-1.06517	0.836405	0.943286	-1.06012	0.389612	0.779621	-1.28267	0.00239352	0.302735	-3.30321	0.5259	0.834031	-1.199	0.148665	1.54869	1.54869	0.73658	1.10003	1.10003	0.179985	0.668922	-1.49494	3.21869	4.06463	1.12251	1
cg17778556	WDFY1	0.0571453	0.224551	0.769656	-1.29928	0.992746	0.998136	-1.00187	0.0130758	0.531669	-1.88087	0.841186	0.959663	-1.04203	0.0491752	0.630777	-1.58535	0.0853645	0.676853	-1.47743	0.580381	1.12142	1.12142	0.6754	0.917202	-1.09027	0.0067834	0.486737	-2.0545	3.21865	2.14691	0.592908	1
cg00524424	CACNA1F	0.057146	0.525631	0.754996	-1.32451	0.161845	0.520613	-1.92081	0.0496602	0.37586	-2.66057	0.0316932	0.332685	-3.00584	0.0199353	0.292976	-3.41325	0.989896	0.994482	-1.00555	0.0419496	0.359039	-2.78522	0.0093806	0.237064	-4.21827	0.229877	0.576656	-1.73414	3.21863	9.73414	2.68827	1
cg21273112	TNNI3K;TNNI3K	0.0571463	0.883476	0.965429	-1.03581	0.0223603	0.518617	-1.92821	0.297056	0.771553	-1.29609	0.200698	1.38295	1.38295	0.259589	0.754176	-1.32595	0.717962	1.09091	1.09091	0.81854	1.05668	1.05668	0.0203285	0.511197	-1.95619	0.0143809	0.484902	-2.06227	3.21863	2.93362	0.81018	1
cg18750833	MCEE;MPHOSPH10	0.0571472	0.146829	0.539111	-1.85491	0.0796188	0.462113	-2.16397	0.166012	1.79698	1.79698	0.951736	1.02431	1.02431	0.106327	0.496704	-2.01327	0.151946	0.543884	-1.83863	0.00700816	0.250696	-3.9889	0.0392611	0.388123	-2.5765	0.71333	0.863801	-1.15767	3.21861	8.02563	2.21645	1
cg01065905	SLC30A7;SLC30A7	0.057149	0.0903454	0.613106	-1.63104	0.084177	0.606017	-1.65012	0.932834	1.02234	1.02234	0.259387	1.36129	1.36129	0.0163173	0.463125	-2.15925	0.936572	0.979353	-1.02108	0.0385888	0.53362	-1.87399	0.0905044	1.63057	1.63057	0.851481	1.05036	1.05036	3.21857	3.50277	0.967379	1
cg13324643	LYPD4;DMRTC2	0.0571516	0.0656248	0.813015	-1.22999	0.256095	1.12612	1.12612	0.0263156	0.767987	-1.3021	0.135547	0.851139	-1.1749	0.232862	1.13353	1.13353	0.490715	0.932265	-1.07266	0.100135	1.19781	1.19781	0.0877081	1.20786	1.20786	0.452625	0.926203	-1.07968	3.21851	0.511711	0.141325	1
cg19818278	LTV1	0.0571571	0.683472	1.03885	1.03885	0.109145	0.850084	-1.17635	0.0201124	1.2978	1.2978	0.418756	0.926062	-1.07984	0.124915	1.167	1.167	0.0724045	0.829951	-1.20489	0.626568	1.04664	1.04664	0.0325612	1.26186	1.26186	0.915711	0.990205	-1.00989	3.21839	0.440584	0.121685	1
cg16273509	PAMR1;PAMR1	0.0571583	0.385398	0.797312	-1.25421	0.512089	1.18441	1.18441	0.546779	1.16792	1.16792	0.192637	0.703998	-1.42046	0.0460221	1.78963	1.78963	0.534271	0.851961	-1.17376	0.00357325	0.366188	-2.73083	0.771158	1.07706	1.07706	0.514398	0.845104	-1.18329	3.21836	3.30244	0.912111	1
cg14780276	ARHGAP10	0.0571595	0.0174266	0.229672	-4.35403	0.637195	0.785501	-1.27307	0.951395	0.969495	-1.03146	0.575275	0.749988	-1.33335	0.00287663	0.124482	-8.03328	0.86675	0.918195	-1.08909	0.936971	0.960603	-1.04101	0.442984	1.48814	1.48814	0.119013	0.423209	-2.3629	3.21834	13.1651	3.63614	1
cg17809365	TUBGCP5;TUBGCP5	0.0571596	0.0316962	0.320394	-3.12115	0.0554361	0.374879	-2.66753	0.688147	0.833311	-1.20003	0.0667818	0.395018	-2.53153	0.0647642	0.391623	-2.55348	0.147729	0.49563	-2.01763	0.00585767	0.195887	-5.10499	0.165127	0.51214	-1.95259	0.0406928	0.34372	-2.90934	3.21833	10.4109	2.87546	1
cg11422335	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.0571617	0.0566389	0.581019	-1.72112	0.00722511	0.417972	-2.39251	0.0626268	0.590225	-1.69427	0.659241	0.894336	-1.11815	0.111873	0.646817	-1.54603	0.949848	1.01596	1.01596	0.376229	1.25674	1.25674	0.0231467	0.504949	-1.9804	0.500546	0.841921	-1.18776	3.21829	3.22789	0.89154	1
cg23534210	TBCD	0.0571626	0.311218	1.2667	1.2667	0.0828822	0.64835	-1.54238	0.208114	0.741208	-1.34915	0.108741	1.484	1.484	0.57141	1.13776	1.13776	0.157905	1.40592	1.40592	0.00509356	2.30562	2.30562	0.796202	0.943271	-1.06014	0.873273	1.03668	1.03668	3.21827	2.59529	0.716821	1
cg20790367	PUM1;PUM1	0.0571649	0.0204608	0.297863	-3.35724	0.0694867	0.414588	-2.41203	0.339094	0.652284	-1.53307	0.280027	0.614493	-1.62736	0.013411	0.265062	-3.7727	0.230791	0.579777	-1.7248	0.0171878	0.283935	-3.52193	0.710285	1.17563	1.17563	0.0481555	0.375568	-2.66264	3.21822	9.58414	2.64719	1
cg02222103	DERL2;MIS12	0.0571658	0.0408748	0.530289	-1.88576	0.159744	1.49744	1.49744	0.212903	1.42272	1.42272	?	?	?	0.176653	1.47112	1.47112	0.0134453	2.27621	2.27621	?	?	?	0.391338	1.26623	1.26623	0.427141	1.24347	1.24347	3.32028	2.95434	1.0169	1
cg06389934	FAM117B	0.0571662	0.114488	1.72353	1.72353	0.691269	1.13494	1.13494	0.251872	1.46168	1.46168	0.385886	1.32563	1.32563	0.21392	0.660354	-1.51434	0.187136	0.641868	-1.55795	0.00391648	0.291914	-3.42567	0.740331	0.899902	-1.11123	0.312298	0.717881	-1.39299	3.21819	5.12548	1.4157	1
cg10673740	BAG3	0.0571684	0.0525118	4.34167	4.34167	0.010471	8.54988	8.54988	0.23353	0.43525	-2.29753	0.154317	2.76075	2.76075	0.0521616	4.3537	4.3537	0.0881816	3.50101	3.50101	0.0844534	3.56475	3.56475	0.177954	2.59434	2.59434	0.0743951	3.75808	3.75808	3.21814	22.6065	6.24418	1
cg02701084	ACOX1;ACOX1;ACOX1;ACOX1;C17orf106	0.0571694	0.379238	1.21221	1.21221	0.291325	1.26314	1.26314	0.993883	0.998366	-1.00164	0.742001	1.07302	1.07302	0.454986	1.17627	1.17627	0.639198	0.90417	-1.10599	0.00219646	0.400094	-2.49941	0.316462	0.80176	-1.24726	0.169535	1.36641	1.36641	3.21812	2.31973	0.640741	1
cg01270378	ETV5	0.0571719	0.10149	0.70555	-1.41733	0.00250829	0.441945	-2.26272	0.530521	0.88374	-1.13155	0.58343	0.897872	-1.11374	0.354159	0.830748	-1.20373	0.573972	1.11684	1.11684	0.792303	1.05268	1.05268	0.0232245	0.589924	-1.69513	0.87618	0.970125	-1.0308	3.21807	1.9285	0.532688	1
cg27585618	SCML4	0.0571726	0.340713	0.804305	-1.24331	0.192694	1.35771	1.35771	0.197062	0.738981	-1.35321	0.835132	1.04731	1.04731	0.00196286	0.378842	-2.63962	0.295284	1.27219	1.27219	0.898455	1.02872	1.02872	0.883402	1.03309	1.03309	0.819933	1.05187	1.05187	3.21805	2.50742	0.692598	1
cg16731821	AEBP1	0.0571729	0.664479	1.08386	1.08386	0.794617	1.04932	1.04932	0.0248867	0.611009	-1.63664	0.190583	1.29145	1.29145	0.175514	1.30451	1.30451	0.0546296	1.49524	1.49524	0.0116521	1.78921	1.78921	0.707977	0.932921	-1.0719	0.399063	1.1727	1.1727	3.21804	1.73547	0.479371	1
cg05282905	CES3	0.0571743	0.149504	0.739694	-1.35191	0.134069	1.3706	1.3706	0.00292102	0.450325	-2.22062	0.761895	0.942432	-1.06108	0.128732	0.725908	-1.37759	0.507369	1.14023	1.14023	0.794417	1.05227	1.05227	0.575496	1.11671	1.11671	0.41233	0.849133	-1.17767	3.21801	1.94016	0.535917	1
cg07279638	DIDO1	0.0571748	0.0200632	0.325219	-3.07485	0.278769	0.637052	-1.56973	0.501846	1.31379	1.31379	0.0151159	0.302614	-3.30454	0.0276146	0.352446	-2.83731	0.541698	0.780871	-1.28062	0.03241	0.366841	-2.72597	0.680374	1.1804	1.1804	0.832378	0.918638	-1.08857	3.218	8.1707	2.25694	1
cg13957818	COL23A1	0.0571752	0.0264337	1.50634	1.50634	0.222213	1.22102	1.22102	0.193953	1.23854	1.23854	0.0251316	1.51378	1.51378	0.00769995	1.70404	1.70404	0.0333849	1.47254	1.47254	0.0521845	1.41026	1.41026	0.185591	1.2442	1.2442	0.182778	1.24616	1.24616	3.21799	1.23489	0.341108	1
cg12572987	SDHD;TIMM8B;TIMM8B	0.0571754	0.97086	1.00478	1.00478	0.646078	0.94145	-1.06219	0.0349621	0.725678	-1.37802	0.0376556	1.36974	1.36974	0.324878	1.14186	1.14186	0.0626756	0.760847	-1.31433	0.0872016	0.781593	-1.27944	0.208822	1.18872	1.18872	0.21397	1.18617	1.18617	3.21799	0.867755	0.239696	1
cg13679837	XRN2	0.0571786	0.489165	0.821768	-1.21689	0.527216	0.836124	-1.19599	0.519533	1.20011	1.20011	0.487825	0.821254	-1.21765	0.0427583	0.52122	-1.91858	0.768532	0.920857	-1.08594	0.00144258	0.276198	-3.62059	0.850868	1.05399	1.05399	0.441557	0.803126	-1.24513	3.21792	3.97805	1.09886	1
cg11175836	KLHDC7A	0.0571825	0.00622148	0.252103	-3.96663	0.702441	1.15985	1.15985	0.527974	0.781114	-1.28022	0.375745	0.703839	-1.42078	0.00533534	0.242187	-4.12904	0.352953	0.691242	-1.44667	0.077551	0.468609	-2.13397	0.405564	0.719817	-1.38924	0.290801	0.654731	-1.52735	3.21783	7.60694	2.10133	1
cg10755973	LHX2	0.0571828	?	?	?	0.0657435	2.09169	2.09169	0.828694	1.07013	1.07013	?	?	?	0.971411	1.01125	1.01125	?	?	?	?	?	?	?	?	?	0.0217845	0.342652	-2.91841	5.88348	3.516	0.597605	1
cg00248439	GRK5	0.0571835	0.211574	1.36575	1.36575	0.0953322	0.647905	-1.54344	0.203811	0.727854	-1.3739	0.182155	1.39847	1.39847	0.0366714	0.562717	-1.77709	0.257755	0.756003	-1.32275	0.124889	1.48208	1.48208	0.0673189	0.615342	-1.62511	0.087285	0.639455	-1.56383	3.21781	2.85877	0.789708	1
cg11680857	LCE2D	0.0571836	0.118783	0.352111	-2.84001	0.0114288	0.142091	-7.03776	0.767507	0.832966	-1.20053	0.251557	0.477855	-2.09268	0.447589	1.61149	1.61149	0.257688	0.482799	-2.07125	0.101648	3.01839	3.01839	0.710639	1.25826	1.25826	0.0207071	0.179583	-5.56845	3.21781	19.3676	5.35011	1
cg02916459	DCP1B	0.0571853	0.349099	1.17773	1.17773	0.0232168	1.58485	1.58485	0.0284495	1.55095	1.55095	0.206513	0.797623	-1.25372	0.121747	1.32935	1.32935	0.640955	0.923382	-1.08298	0.973556	0.99439	-1.00564	0.248021	0.814683	-1.22747	0.0323043	1.53022	1.53022	3.21777	1.46786	0.405486	1
cg04132177	AGAP1;AGAP1	0.057186	0.870199	1.02731	1.02731	0.0286753	0.653663	-1.52984	0.0285495	0.653367	-1.53053	0.574316	0.910747	-1.098	0.821815	1.03786	1.03786	0.318195	0.843706	-1.18525	0.0150862	1.63553	1.63553	0.998344	0.999658	-1.00034	0.316574	1.18597	1.18597	3.21776	1.38288	0.382012	1
cg11586335	FMNL3;FMNL3	0.0571862	?	?	?	0.058681	0.635638	-1.57322	0.203431	0.752139	-1.32954	0.165132	1.36909	1.36909	?	?	?	0.0478938	1.6159	1.6159	?	?	?	0.152703	0.722545	-1.384	0.292139	1.261	1.261	3.39245	1.61252	0.633767	1
cg03222834	SHISA9	0.057187	0.549048	0.761259	-1.31361	0.855644	0.921333	-1.08538	0.712531	0.846616	-1.18117	0.962671	0.979163	-1.02128	0.659837	0.819319	-1.22053	0.259217	1.69822	1.69822	0.20277	1.83121	1.83121	0.00147629	0.126922	-7.87883	0.433656	0.698053	-1.43256	3.21774	10.3162	2.8498	1
cg23942980	TPBG;TPBG	0.0571873	0.152972	0.623007	-1.60512	0.153508	1.60399	1.60399	0.278777	1.41648	1.41648	0.0702117	0.534849	-1.86969	0.348602	1.34763	1.34763	0.603777	0.850547	-1.17571	0.120688	1.68264	1.68264	0.637894	1.15785	1.15785	0.00786424	2.87011	2.87011	3.21773	4.87148	1.34573	1
cg01434608	CMTM3;CMTM3;CMTM3;CMTM3	0.0571879	?	?	?	0.250877	0.345349	-2.89562	?	?	?	?	?	?	0.237186	2.99787	2.99787	0.0489009	0.132479	-7.54838	0.564263	0.598164	-1.67178	0.0149156	0.0655994	-15.244	?	?	?	3.74457	24.9911	9.34355	1
cg00851732	RPH3A;RPH3A;RPH3A;RPH3A	0.0571896	0.849154	0.930267	-1.07496	0.0646015	2.19908	2.19908	0.0750376	2.12252	2.12252	0.356322	1.43356	1.43356	0.242983	0.628876	-1.59014	0.450514	0.746864	-1.33893	0.0211679	0.349193	-2.86375	0.0463624	0.420512	-2.37805	0.500297	1.29657	1.29657	3.21768	7.3441	2.02882	1
cg20936695	KCTD7;KCTD7	0.0571922	0.0373149	0.662455	-1.50954	0.233077	0.80812	-1.23744	0.696789	0.935456	-1.069	0.383205	1.16458	1.16458	0.589254	1.09733	1.09733	0.00349213	0.509041	-1.96448	0.121951	0.751531	-1.33062	0.22441	0.80457	-1.2429	0.135868	0.760452	-1.31501	3.21762	1.47948	0.408715	1
cg07980405	ZBTB12	0.0571931	0.312322	0.813772	-1.22885	0.044216	1.57734	1.57734	0.00475101	2.09447	2.09447	0.072139	0.673181	-1.48549	0.890243	1.0276	1.0276	0.749513	0.938793	-1.0652	0.800704	1.05114	1.05114	0.669826	1.08825	1.08825	0.71135	0.929335	-1.07604	3.2176	1.98112	0.547302	1
cg11308747	CNOT3	0.0571942	0.57671	1.65728	1.65728	0.0738276	6.12773	6.12773	0.0463005	8.05277	8.05277	?	?	?	0.12169	0.218804	-4.5703	0.0619264	0.147256	-6.79092	0.327974	2.47818	2.47818	0.0900422	0.18329	-5.45582	0.24734	2.97216	2.97216	3.52259	38.838	9.64722	1
cg26513689	DAB1	0.0571949	0.0829862	0.435002	-2.29884	0.144473	0.506738	-1.97341	0.00962141	0.241419	-4.14217	0.104851	0.463665	-2.15673	0.0503658	0.380124	-2.63072	0.223015	1.74237	1.74237	0.15456	0.516449	-1.9363	0.0448659	0.368471	-2.71391	0.135079	0.497301	-2.01086	3.21756	9.58266	2.64732	1
cg23400391	ARMC7	0.0571952	0.0808642	0.849925	-1.17657	0.836921	0.982836	-1.01746	0.0482327	1.2088	1.2088	0.0257229	0.800499	-1.24922	0.20017	1.12039	1.12039	0.234767	1.11028	1.11028	0.0499254	0.828759	-1.20662	0.967398	1.00344	1.00344	0.569145	1.04952	1.04952	3.21756	0.359577	0.0993375	1
cg01107185	ZC3HAV1;ZC3HAV1	0.0571959	0.30991	1.29231	1.29231	0.242475	1.34787	1.34787	0.0434226	0.567318	-1.76268	0.569781	0.869196	-1.15049	0.406044	0.812655	-1.23054	0.23299	1.35691	1.35691	0.514088	1.17525	1.17525	0.00511569	0.405459	-2.46634	0.42054	0.818051	-1.22242	3.21754	3.03506	0.838477	1
cg21743830	CCL25	0.057198	0.248074	0.84142	-1.18847	0.5179	0.910523	-1.09827	0.689258	1.05916	1.05916	0.591985	0.925554	-1.08043	0.675373	1.06208	1.06208	0.108919	1.28402	1.28402	0.00331854	1.77142	1.77142	0.162016	0.807754	-1.238	0.367279	0.875961	-1.1416	3.2175	1.04194	0.287854	1
cg03752689	C1orf74	0.0571985	0.210284	0.748406	-1.33617	0.509781	0.863478	-1.15811	0.00847272	0.478166	-2.09132	0.0171724	0.528618	-1.89172	0.389532	0.824011	-1.21358	0.51169	1.15732	1.15732	0.61548	0.894785	-1.11759	0.428965	1.19394	1.19394	0.123534	1.44225	1.44225	3.21748	2.45567	0.678424	1
cg16326998	FBXL18	0.0571998	0.00335432	0.695929	-1.43693	0.0618831	0.826153	-1.21043	0.168319	0.875165	-1.14264	0.265369	0.899942	-1.11118	0.1207	0.858246	-1.16517	0.0574872	0.822723	-1.21548	0.232964	0.892617	-1.1203	0.140543	0.865891	-1.15488	0.386423	1.08398	1.08398	3.21746	0.420388	0.116141	1
cg07739604	NCOR2;NCOR2	0.0571999	0.520884	1.22243	1.22243	0.155173	1.5992	1.5992	0.523899	0.819261	-1.22061	0.867953	1.0527	1.0527	0.687111	1.13311	1.13311	0.0783698	1.82852	1.82852	0.00949653	2.75709	2.75709	0.00625695	3.00295	3.00295	0.144148	1.62297	1.62297	3.21745	4.85411	1.34105	1
cg13464157	MAD1L1;MAD1L1;MAD1L1	0.0572022	0.481513	1.14522	1.14522	0.0222636	1.68078	1.68078	0.206194	1.28752	1.28752	0.709867	1.0734	1.0734	0.0298038	0.61594	-1.62354	0.772788	0.946609	-1.0564	0.0418608	1.55974	1.55974	0.531961	0.886931	-1.12748	0.151039	0.747037	-1.33862	3.2174	1.83043	0.505703	1
cg21883754	TTYH1;TTYH1	0.0572033	0.131281	1.35969	1.35969	0.0306367	0.619429	-1.61439	0.643958	1.09174	1.09174	0.133773	0.737138	-1.3566	0.74889	1.06244	1.06244	0.249389	0.796893	-1.25487	0.062128	0.672963	-1.48596	0.0581863	1.49743	1.49743	0.171782	1.31566	1.31566	3.21738	1.81231	0.5007	1
cg00680081	FAM46D	0.0572046	0.246697	0.438027	-2.28296	0.0553835	0.22768	-4.39213	0.262199	0.450823	-2.21816	0.0544326	4.42445	4.42445	0.0493559	0.216844	-4.6116	0.177351	0.376442	-2.65645	0.0139568	0.126292	-7.91813	0.246239	0.437644	-2.28496	0.180877	0.379793	-2.63302	3.21735	23.6626	6.5375	1
cg06779110	C14orf23;C14orf23	0.0572056	0.390536	1.61909	1.61909	0.515141	0.696659	-1.43542	0.392184	1.61625	1.61625	0.0635584	0.319034	-3.13446	0.0390234	0.270246	-3.70033	0.037236	0.265965	-3.75989	0.0320421	0.252683	-3.95753	0.120933	2.512	2.512	0.550404	0.718277	-1.39222	3.21733	15.2845	4.22282	1
cg16711522	MYO5A;MYO5A	0.0572058	0.152124	0.706354	-1.41572	0.596658	1.12865	1.12865	0.315475	1.26516	1.26516	0.0998633	0.664569	-1.50473	0.340023	0.800253	-1.24961	0.334167	1.25322	1.25322	0.00538457	2.29405	2.29405	0.117147	1.47063	1.47063	0.836143	1.04805	1.04805	3.21732	2.61655	0.722907	1
cg03322057	DNM3;DNM3;MIR199A2	0.057206	0.520033	0.7487	-1.33565	0.936901	1.03576	1.03576	0.0547516	0.38024	-2.62992	0.198764	0.547328	-1.82706	0.23327	0.574255	-1.74139	0.42441	0.696237	-1.43629	0.26176	1.681	1.681	0.00512073	5.16244	5.16244	0.639058	1.23326	1.23326	3.21732	10.0371	2.77307	1
cg23969559	ETV3;ETV3	0.0572088	0.723432	0.958531	-1.04326	0.418111	0.906078	-1.10366	0.0741849	1.26766	1.26766	0.0304179	0.738401	-1.35428	0.0182922	0.71079	-1.40689	0.977167	0.996594	-1.00342	0.893119	0.984104	-1.01615	0.413722	1.10473	1.10473	0.0285455	0.734916	-1.3607	3.21726	0.724016	0.200037	1
cg08458014	CECR5;CECR5	0.05721	0.103094	0.853741	-1.17131	0.0989982	1.17398	1.17398	0.0518836	1.21674	1.21674	0.560335	1.05361	1.05361	0.752852	0.972376	-1.02841	0.075089	0.838808	-1.19217	0.0583134	1.20893	1.20893	0.803474	1.02236	1.02236	0.0393442	1.23542	1.23542	3.21723	0.400718	0.110714	1
cg22942838	ZBTB7A	0.0572108	0.0337086	0.234044	-4.2727	0.564329	0.710898	-1.40667	0.151394	2.45995	2.45995	0.800773	0.862377	-1.15959	0.22676	0.475624	-2.1025	0.975758	0.982364	-1.01795	0.00461552	0.110008	-9.09023	?	?	?	0.921554	1.05937	1.05937	3.26263	15.7489	4.82705	1
cg16735473	PDHA2	0.0572118	0.850967	0.949504	-1.05318	0.554394	1.17909	1.17909	0.156626	1.518	1.518	0.888082	1.03955	1.03955	0.00842237	0.395757	-2.52681	0.0645922	0.56446	-1.7716	0.170982	1.4942	1.4942	0.91737	1.029	1.029	0.0516442	0.543249	-1.84078	3.21719	3.86687	1.06839	1
cg15565057	FCAMR;FCAMR;FCAMR;FCAMR	0.0572118	0.10846	0.47866	-2.08916	0.560645	0.780693	-1.28091	0.0132621	0.274877	-3.63799	0.63638	0.818417	-1.22187	0.00576273	0.218181	-4.58335	0.944183	0.970968	-1.0299	0.919431	1.04349	1.04349	0.876634	1.06755	1.06755	0.0356915	0.357512	-2.79711	3.21719	9.02121	2.4925	1
cg13414629	FREQ	0.0572122	0.461525	0.689125	-1.45112	0.146381	0.460983	-2.16928	0.351439	1.61015	1.61015	0.690802	0.819886	-1.21968	0.0683441	0.362887	-2.75568	0.789603	1.14206	1.14206	0.00173612	0.108758	-9.1947	0.421708	0.665195	-1.50332	0.398614	0.650996	-1.53611	3.21718	12.5708	3.47325	1
cg03045699	NTNG1;NTNG1;NTNG1	0.057213	0.419192	0.800574	-1.2491	0.725122	1.0998	1.0998	0.488693	0.827334	-1.2087	0.381595	0.785196	-1.27357	0.00156705	0.293981	-3.40158	0.253775	0.72531	-1.37872	0.135877	1.542	1.542	0.631726	0.877981	-1.13898	0.456195	0.815055	-1.22691	3.21717	3.7	1.02229	1
cg00011346	ERBB4;ERBB4	0.057214	0.0472445	0.813012	-1.22999	0.153835	0.870035	-1.14938	0.0487644	1.22779	1.22779	0.175877	1.14023	1.14023	0.508349	0.940651	-1.06309	0.237309	0.893251	-1.11951	0.065205	1.20774	1.20774	0.119957	0.857426	-1.16628	0.389975	1.08364	1.08364	3.21715	0.423636	0.11705	1
cg12368752	TMPRSS13	0.0572146	0.0494362	2.22758	2.22758	0.946823	0.976455	-1.02411	0.116252	1.83995	1.83995	0.103099	1.89069	1.89069	0.66307	0.85505	-1.16952	0.550882	1.24055	1.24055	0.187088	0.606833	-1.6479	0.00412323	3.95215	3.95215	0.449771	1.31668	1.31668	3.21713	6.50165	1.79639	1
cg10665892	CACNA2D4	0.0572146	0.351145	0.780946	-1.2805	0.0615599	0.581238	-1.72047	0.302486	0.759404	-1.31682	0.00319089	0.354366	-2.82194	0.205227	0.708662	-1.41111	0.483241	1.20152	1.20152	0.450456	0.820264	-1.21912	0.584329	1.15298	1.15298	0.0376079	0.537153	-1.86167	3.21713	3.38267	0.934626	1
cg24685755	ZNF677	0.057215	0.106045	0.681821	-1.46666	0.20312	1.33841	1.33841	0.788953	1.05993	1.05993	0.567325	0.88211	-1.13365	0.170237	0.728403	-1.37287	0.0773317	0.653086	-1.53119	0.0113141	0.502501	-1.99005	0.204872	1.33674	1.33674	0.148057	1.40026	1.40026	3.21712	2.39841	0.662678	1
cg21573345	CPEB2;CPEB2	0.0572157	0.0824735	2.12362	2.12362	0.571987	1.25057	1.25057	0.244604	0.620889	-1.61059	0.869096	0.937458	-1.06671	0.654649	1.19279	1.19279	0.232841	1.63206	1.63206	0.0582812	0.432632	-2.31143	0.00520147	4.23725	4.23725	0.546263	1.27009	1.27009	3.21711	7.81149	2.15832	1
cg10507591	MAPRE1	0.0572159	0.448029	0.791038	-1.26416	0.195183	1.51492	1.51492	0.0760656	1.81926	1.81926	0.266119	0.703791	-1.42088	0.542997	0.829729	-1.20521	0.738827	1.10676	1.10676	0.0127594	0.391418	-2.55481	0.0989669	0.577891	-1.73043	0.0851603	1.7807	1.7807	3.2171	4.68253	1.29379	1
cg15828558	DNAJC28;DNAJC28	0.0572163	0.0350424	0.718351	-1.39208	0.173301	0.822705	-1.2155	0.153128	1.22882	1.22882	0.148456	0.811585	-1.23216	0.0378292	0.722972	-1.38318	0.326348	0.872415	-1.14624	0.037984	0.72322	-1.38271	0.0209649	0.687893	-1.45372	0.999188	0.999863	-1.00014	3.2171	0.924369	0.255405	1
cg04246357	SERAC1;SERAC1;GTF2H5	0.0572166	0.305104	0.882009	-1.13378	0.668955	1.05217	1.05217	0.389282	0.900949	-1.10994	0.279186	0.875452	-1.14227	0.163699	0.838852	-1.1921	0.00278997	0.614295	-1.62788	0.0517657	0.769746	-1.29913	0.316449	1.13026	1.13026	0.577383	1.06881	1.06881	3.21709	0.71217	0.196774	1
cg02844051	DMKN;DMKN;DMKN;DMKN	0.0572176	0.0385838	0.188614	-5.30183	0.47991	1.63182	1.63182	0.502203	1.59086	1.59086	0.227627	0.419831	-2.38191	0.0541405	0.21947	-4.55643	0.0390763	0.189692	-5.2717	0.0596685	0.229178	-4.36342	0.010775	0.104286	-9.58901	0.861384	0.8879	-1.12625	3.4776	24.9451	5.57905	1
cg24304210	PAK1;PAK1	0.0572185	0.0190597	0.180219	-5.54882	0.165811	0.409661	-2.44104	0.913605	1.06773	1.06773	0.0370919	0.231856	-4.31302	0.0785939	0.307385	-3.25325	0.147265	0.39099	-2.55761	0.00774184	0.126758	-7.88902	0.0963893	0.332097	-3.01117	0.0796422	0.308927	-3.23701	3.21705	18.5778	5.13316	1
cg03977394	ARSK;TTC37	0.0572189	0.00692816	0.258112	-3.87428	?	?	?	0.447726	1.34972	1.34972	0.569365	1.24967	1.24967	0.386563	0.708923	-1.41059	?	?	?	0.182497	1.73037	1.73037	0.528479	0.780744	-1.28083	0.0970307	2.02569	2.02569	3.31905	6.14151	2.11472	1
cg07612475	LOC344595;LOC344595;LOC100302640	0.0572208	0.666297	1.24635	1.24635	0.0447861	3.21946	3.21946	?	?	?	0.626998	1.2822	1.2822	0.0193201	0.237854	-4.20426	0.965487	0.978276	-1.02221	0.1714	0.477524	-2.09414	0.0416315	0.30354	-3.29445	0.324172	1.67672	1.67672	3.26241	11.8335	3.62722	1
cg04060551	SNORD115-9;SNORD115-10;SNORD115-12;SNORD115-5	0.0572216	0.168661	0.412704	-2.42304	0.00207058	0.0730305	-13.6929	0.373342	0.57613	-1.73572	0.603621	0.729019	-1.37171	0.278258	0.506471	-1.97445	0.40729	0.599606	-1.66776	0.204053	2.24519	2.24519	0.93803	0.954166	-1.04804	0.0682923	0.291802	-3.42698	3.21698	18.5499	5.12556	1
cg24337173	STK33	0.057225	0.780925	0.934733	-1.06982	0.00230914	0.356756	-2.80304	0.0229017	0.517397	-1.93275	0.679322	0.904265	-1.10587	0.202766	0.722152	-1.38475	0.378317	1.24461	1.24461	0.992827	0.997826	-1.00218	0.810964	0.943643	-1.05972	0.403986	0.813242	-1.22965	3.21691	2.98589	0.825054	1
cg15121364	DYRK1B;DYRK1B;DYRK1B	0.0572252	0.339069	0.708506	-1.41142	0.0517666	2.16858	2.16858	0.00250661	4.34133	4.34133	0.872092	0.945211	-1.05796	0.793564	0.912367	-1.09605	0.926589	1.03275	1.03275	0.780753	0.907032	-1.1025	0.0960302	1.895	1.895	0.530896	1.24855	1.24855	3.2169	6.23069	1.72166	1
cg16819888	AUTS2;AUTS2;AUTS2	0.0572257	0.475508	1.27898	1.27898	0.0194003	0.383451	-2.6079	0.040495	0.448276	-2.23077	0.0575627	0.48274	-2.07151	0.585355	0.829588	-1.20542	0.36967	0.731671	-1.36673	0.0723715	1.97379	1.97379	0.19466	1.5924	1.5924	0.817223	0.924495	-1.08167	3.21689	5.859	1.61896	1
cg18037893	DLC1;DLC1;DLC1	0.0572271	0.078688	0.766225	-1.3051	0.243957	0.846857	-1.18084	0.0907529	1.28929	1.28929	0.919265	1.01392	1.01392	0.0445317	1.36967	1.36967	0.574033	1.08052	1.08052	0.00979066	1.56101	1.56101	0.220245	1.19214	1.19214	0.73787	1.04686	1.04686	3.21686	0.947263	0.26175	1
cg12894524	MAP1LC3B2	0.0572276	0.0395863	0.325606	-3.0712	0.0061184	0.185131	-5.40159	0.0104921	0.219058	-4.56499	0.332683	0.624306	-1.60178	0.0741217	0.391315	-2.55549	0.671658	0.817912	-1.22263	0.103275	0.43167	-2.31658	0.199277	0.527613	-1.89533	0.483078	0.714593	-1.3994	3.21685	11.3232	3.12886	1
cg11084308	KLHL17	0.057228	0.86013	0.977278	-1.02325	0.138628	1.2309	1.2309	0.0551031	0.753223	-1.32763	0.534424	0.92128	-1.08545	0.261272	0.858413	-1.16494	0.0748214	0.772145	-1.29509	0.0641287	1.31141	1.31141	0.0272452	1.40566	1.40566	0.56167	1.07947	1.07947	3.21684	0.865167	0.239066	1
cg27012952	DCLK1	0.0572306	0.308525	1.27701	1.27701	0.202823	0.732041	-1.36604	0.291835	0.775887	-1.28885	0.142587	0.693747	-1.44145	0.420958	1.21014	1.21014	0.0935099	1.53412	1.53412	0.00476829	2.38531	2.38531	0.791904	1.06327	1.06327	0.356418	1.24616	1.24616	3.21678	2.74223	0.757755	1
cg06037693	RUNX3	0.057232	0.152951	0.78685	-1.27089	0.73836	0.948851	-1.05391	0.0686292	0.726717	-1.37605	0.103322	0.756505	-1.32187	0.97003	1.0059	1.0059	0.00631863	0.572952	-1.74535	0.090386	1.33943	1.33943	0.159692	0.790319	-1.26531	0.160666	0.79081	-1.26453	3.21675	1.24967	0.345323	1
cg07612655	PTGIS	0.0572323	0.840012	1.05653	1.05653	0.0641905	1.76088	1.76088	0.0993144	0.611705	-1.63477	0.0345494	1.95528	1.95528	0.89605	0.965064	-1.0362	0.0113904	2.36718	2.36718	0.0673338	1.74668	1.74668	0.328261	1.3159	1.3159	0.28993	1.34826	1.34826	3.21675	3.77053	1.04192	1
cg13814485	FLJ45983;GATA3;GATA3;FLJ45983	0.0572331	0.0134394	0.365772	-2.73394	0.183283	1.59037	1.59037	0.426954	1.30544	1.30544	0.597009	1.19164	1.19164	0.0151063	0.374894	-2.66742	0.861759	0.944335	-1.05895	0.987121	0.99471	-1.00532	0.170419	0.618944	-1.61565	0.0818678	0.530696	-1.88432	3.21673	5.50114	1.52015	1
cg10708221	RHOB	0.0572367	0.208581	0.444364	-2.25041	0.0272978	5.09406	5.09406	0.022678	5.49525	5.49525	?	?	?	?	?	?	0.343668	0.551716	-1.81253	0.93447	1.05118	1.05118	0.117697	0.351882	-2.84187	0.829599	0.877363	-1.13978	3.5769	15.8875	4.4417	1
cg00841151	MUC12	0.0572388	0.0300024	0.24418	-4.09534	0.664641	0.785925	-1.27239	0.166283	0.442547	-2.25965	0.10005	0.369636	-2.70537	0.0833029	0.34686	-2.88301	0.112379	0.384962	-2.59766	0.00626545	0.139856	-7.15023	0.0160016	0.196192	-5.09705	0.191567	0.465989	-2.14597	3.2166	15.539	4.29411	1
cg26818464	PRKCQ	0.0572393	0.719284	1.08948	1.08948	0.0195574	0.511719	-1.9542	0.195549	0.722492	-1.3841	0.098828	0.650677	-1.53686	0.137165	1.46254	1.46254	0.111575	1.5091	1.5091	0.829047	1.05269	1.05269	0.224281	0.738504	-1.35409	0.0371864	0.563042	-1.77607	3.21659	2.87245	0.793787	1
cg04486725	EPB41L4A	0.0572397	0.536346	1.31242	1.31242	0.615164	0.802448	-1.24619	0.0904617	0.444868	-2.24786	0.265443	0.604175	-1.65515	0.00272829	0.165876	-6.02861	0.165394	1.90108	1.90108	0.802609	1.11489	1.11489	0.4945	1.3515	1.3515	0.367635	0.669103	-1.49454	3.21658	9.60422	2.65408	1
cg02260750	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.0572436	0.123092	0.755493	-1.32364	0.302873	0.835995	-1.19618	0.0998381	0.738827	-1.3535	0.843906	0.967453	-1.03364	0.49611	0.89048	-1.12299	0.284684	0.829831	-1.20506	0.00383881	1.92334	1.92334	0.692012	1.06911	1.06911	0.402616	0.866087	-1.15462	3.2165	1.43519	0.396619	1
cg16386523	OR4C13	0.0572436	0.0391362	0.297989	-3.35583	0.0784031	0.371	-2.69541	0.105567	0.407908	-2.45153	0.168172	0.47481	-2.1061	0.0138323	0.21377	-4.67793	0.0204206	0.242413	-4.12519	0.0220946	0.248599	-4.02254	0.0526254	0.327123	-3.05696	0.20811	0.51013	-1.96029	3.2165	13.1029	3.62103	1
cg08634539	DHRS7	0.057244	0.543751	1.06717	1.06717	0.295771	1.12152	1.12152	0.221903	1.14546	1.14546	0.00538724	0.678706	-1.47339	0.379754	1.1	1.1	0.220601	1.14594	1.14594	0.644595	1.05036	1.05036	0.145507	1.17978	1.17978	0.0600775	1.25153	1.25153	3.21649	0.570034	0.157531	1
cg24924631	BCL2A1;BCL2A1	0.0572444	0.88771	1.03452	1.03452	0.44361	1.20639	1.20639	0.0470323	0.579244	-1.72639	0.868908	0.961097	-1.04048	0.315847	0.779485	-1.2829	0.141193	1.46246	1.46246	0.00510748	0.411133	-2.4323	0.912478	1.02676	1.02676	0.0822684	0.629756	-1.58792	3.21648	2.93962	0.812376	1
cg19867991	CALR	0.0572448	0.01991	0.258493	-3.86857	0.599494	0.774841	-1.29059	0.096517	0.415429	-2.40715	0.0676595	0.373256	-2.67912	0.0107013	0.213444	-4.68508	0.210346	0.52969	-1.8879	0.110203	0.432537	-2.31194	0.326518	1.6285	1.6285	0.0596324	0.359401	-2.78241	3.21647	11.8064	3.26277	1
cg23457506	LCLAT1;LCLAT1	0.0572451	0.332343	0.725395	-1.37856	0.51973	0.810997	-1.23305	0.273118	0.693408	-1.44215	0.651127	0.864042	-1.15735	0.00269678	0.264241	-3.78442	0.0166284	0.391098	-2.55691	0.0801615	0.536242	-1.86483	0.884029	1.04797	1.04797	0.151289	0.610411	-1.63824	3.21647	5.24963	1.45076	1
cg11812071	TNFAIP3	0.0572451	0.345306	0.626618	-1.59587	0.013746	4.32699	4.32699	0.15828	2.0654	2.0654	0.446363	0.688485	-1.45246	0.0112727	0.217308	-4.60177	0.906953	0.945323	-1.05784	0.379907	1.54212	1.54212	0.486145	1.40538	1.40538	0.87581	0.927549	-1.07811	3.21647	11.7806	3.25563	1
cg03732056	DOK2	0.0572468	0.0331105	0.283605	-3.52603	0.0149237	0.219982	-4.54583	0.0121155	0.205562	-4.86472	0.212293	0.514503	-1.94362	0.0230941	0.253043	-3.9519	0.300125	0.580918	-1.72141	0.299417	0.580422	-1.72289	0.0827731	0.378402	-2.6427	0.0813489	0.376328	-2.65726	3.21643	13.0343	3.60216	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(1-vs-105 vs. N)	p-value(111 vs. N)	Fold-Change(1-vs-111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ps21786812	ARMC4	0.0572472	0.393453	1.47197	1.41537	1.03638095	2.63058	2.63058	0.385881	1.42392	1.42392	1.01725585	0.166096	3.16696	0.475483	1.33425	1.33425	0.00398982	4.65486	4.65486	0.735091	1.64413	1.64413	0.702226	0.9004011	-1.11062	0.109389	1.99833	1.99833	3.12642	8.04489	2.22328	1
ps14377975	C7orf50;C7orf50;C7orf50	0.0572508	0.0156601	0.507823	-1.96919	0.634458	0.896236	-1.11578	0.8851	1.03362	1.03362	0.0208314	0.529295	-1.88931	0.483802	1.17472	1.17472	0.37187	1.810829	-1.23331	0.0284596	1.80652	1.80652	0.605149	1.12669	1.12669	0.936412	0.981916	-1.01842	3.16234	2.66476	0.736449	1
ps05190630	POF1B	0.0572537	0.0172375	0.205542	-4.86519	0.803373	0.872818	-1.14571	0.318534	0.569996	-1.7544	0.124421	0.403694	-2.47713	0.0300528	0.248743	-4.02021	0.0874107	0.357398	-2.798	0.0153011	0.197204	-5.07089	0.309196	0.563361	-1.77506	0.0161469	0.200931	-4.97682	3.12628	15.1445	4.18551	1
ps20776599	LIMD2	0.0572547	0.0597426	0.620052	-1.61277	0.124745	0.68805	-1.45139	0.0766971	0.142146	-1.55728	0.113974	0.0936597	-1.44163	0.122381	0.686161	-1.45737	0.396564	1.21569	-1.21569	0.0917125	0.658535	-1.51852	0.00421447	0.422275	-2.36813	0.812153	0.947849	-1.05502	3.16226	2.57834	0.71253	1
ps20163288	GJC1;GJC1;GJC1	0.057255	0.87701	1.02469	1.02469	0.195762	1.24041	1.24041	0.329834	1.17158	1.17158	0.0190769	1.56326	1.56326	0.359246	1.13218	1.13218	0.466327	0.889823	-1.12382	0.0079914	0.580751	-1.72191	0.918964	1.01213	1.01213	0.475961	0.892134	-1.12091	3.26125	1.26307	0.34908	1
ps23291161	LAD1	0.0572554	0.0260508	0.18216	-5.18216	0.117083	3.23561	3.23561	0.241149	3.31607	3.31607	0.157115	2.8396	2.8396	0.153324	2.87091	2.87091	0.3364843	1.54772	-1.54772	0.0109914	0.93137	0.93137	0.0149524	1.01796	1.01796	0.0472279	4.78773	4.78773	3.16224	24.2339	6.69764	1
ps25018208	RNF8;RNF8	0.0572557	0.0900771	1.45803	1.45803	0.08320274	1.47368	1.47368	0.00865836	0.508329	-1.96723	0.437573	1.17363	1.17363	0.101542	0.695971	-1.43684	0.5450361	1.13184	1.13184	0.738045	1.07022	1.07022	0.397188	1.19158	1.19158	0.32608	0.814647	-1.22753	3.26124	2.08221	0.575472	1
ps21119596	CD9;CD96;CD96;CD96 ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF	0.0572579	0.0108912	0.262568	-3.76977	0.0309469	0.349339	-2.86255	0.288411	0.632846	-1.58016	0.188194	0.560529	-1.78403	0.0468781	0.388881	-2.57148	0.254854	0.610464	-1.6381	0.0135157	0.281087	-3.55762	0.0211041	0.35465	-2.81968	0.334262	0.661385	-1.51198	3.26119	8.77857	2.46262	1
ps12598163	?	0.0572593	0.0249257	0.568293	-1.75965	0.121708	0.700993	-1.42655	0.0499839	0.622927	-1.60533	0.457129	0.851844	-1.17392	0.0348724	0.594106	-1.6832	0.513304	0.869026	-1.15071	0.103932	1.45717	1.45717	0.273642	1.27282	1.27282	0.455563	1.1746	1.1746	1.21616	2.28399	0.631255	1
ps22306344	MON1A;MON1A	0.0572602	0.919445	1.07458	1.07458	0.0202139	0.502139	1.09148	0.0202772	1.57503	1.57503	0.0655271	1.22071	1.22071	0.0433587	1.46061	1.46061	0.21094	1.32655	-1.32655	0.270157	1.2791	1.2791	0.0582017	0.6615587	-1.51152	0.180814	0.737399	-1.35612	2.61414	2.34114	0.647053	1
ps13418795	GUCY2D	0.0572616	0.830962	0.95849	-1.04331	0.255029	0.79003	-1.26578	0.00371541	0.459625	-2.17569	0.414438	0.847509	-1.17993	0.713885	0.929571	-1.07577	0.160156	0.742591	-1.34664	0.358364	0.82918	-1.20601	0.00778892	0.50784	-1.96913	0.0149481	0.70373	-1.421	1.26111	2.00347	0.553734	1
ps21001184	HOXA9 ANAPC13;ANAPC13;CEP63;CEP63;CEP63	0.0572623	0.303954	0.31715	-3.15308	0.327746	2.97323	2.97323	0.12016	6.16191	6.16191	0.265677	0.286196	-3.49411	0.114346	6.37542	6.37542	0.44546	0.432171	-2.3139	?	?	?	0.00529665	52.6824	52.6824	0.402788	2.51816	2.51816	1.26148	53.4179	16.3784	1
ps06541857	;ANAPC13;CEP63	0.0572637	0.0208041	0.268664	-3.71935	0.520533	1.35997	1.35997	0.928773	0.958671	-1.04311	0.466805	0.704991	0.158647	0.0184106	0.322842	-3.09749	0.193196	0.522028	-1.91561	0.0317579	0.339121	-3.13361	0.0317677	0.304751	-3.28136	0.0226609	0.275739	-3.62595	1.26106	11.3515	3.13743	1
ps03095797	APLF	0.0572648	0.0505423	0.401546	-2.49045	0.213907	0.586606	-1.70472	0.0233699	0.331407	-3.01688	0.468578	0.740545	-1.35072	0.0037578	0.320972	-4.92676	0.326656	0.661769	-1.5111	0.0276248	0.630203	-1.58679	0.360351	0.658156	-1.46722	0.0287255	0.349318	2.46547	2.33979	1.26754	0.540775	1
ps04660410	VIL1	0.0572671	0.157766	0.660591	-1.5138	0.764772	1.08586	1.08586	0.0281531	0.490828	-2.03737	0.440689	1.2637	1.2637	0.124821	0.633744	-1.57792	0.023958	2.09471	2.09471	0.0643672	0.565267	-1.76908	0.185445	0.68014	-1.47029	0.571281	0.854654	-1.17006	2.15599	3.83811	1.06084	1
ps10442778	ERGIC1	0.0572678	0.57455	0.74793	-1.33702	0.0473396	1.39488	1.39488	0.167212	1.60694	1.60694	0.264904	0.551562	-1.81303	0.0048241	0.472559	-6.79076	0.203907	0.503265	-1.98702	0.0314027	0.780731	-1.28085	0.409884	0.733888	1.53967	0.13155	0.586122	-1.70613	3.21597	13.1561	3.69161	1
ps18886109	ADAMTS14;ADAMTS14	0.0572682	0.0103174	0.137363	-7.28006	0.0238501	0.265351	-3.52545	0.100876	0.240347	-4.16055	0.0875037	0.0443657	-2.25415	0.0018959	0.244078	-4.09731	0.0313315	0.70116	-1.42615	0.0735844	0.493396	-2.02677	0.29655	0.683603	-1.46273	0.0331969	0.414071	-2.41505	3.25596	6.38842	1.75575	1
ps17526573	NRXN1;NRXN1;NRXN1;NRXN1	0.0572698	0.0936443	0.363672	-2.74973	0.727713	1.21138	1.21138	0.536881	1.40925	1.40925	0.748846	1.19271	1.19271	0.0468224	0.286916	-3.48534	0.13494	0.413068	-2.42091	0.935449	0.956534	-1.04544	0.00882189	0.229356	0.229936	0.190616	0.467509	-2.139	3.21593	15.33	4.23725	1
ps09926553	SUGT1;SUGT1	0.0572698	0.0482067	0.633621	-1.57864	0.854511	0.727113	-1.37513	0.0618554	0.513682	1.53682	0.122782	0.777423	1.28613	0.764901	1.30761	-1.30761	0.260204	0.791756	-1.26302	0.0427897	0.628497	-1.58996	0.0843194	0.746387	-1.33951	0.0436368	0.715261	1.26116	3.21593	2.01428	0.626757	1
ps02239125	SETD3;CCNK;CCNK;SETD3	0.0572755	0.895552	0.982893	-1.01774	0.660086	1.05986	1.05986	0.295242	0.866358	-1.15426	0.0246526	0.70363	-1.4212	0.227723	1.18097	1.18097	0.515662	0.917052	-1.09045	0.0362168	0.590431	-1.69368	0.657567	1.06036	1.06036	0.740983	0.957358	-1.04454	3.2158	0.878979	0.242961	1
ps07896553	ANXB0;ISB	0.057277	0.10593	7.22922	7.22922	0.137829	5.16564	5.16564	0.0824355	0.00124	0.00124	0.0006463	4.63681	4.63681	0.0022963	4.62832	4.62832	0.248753	3.91546	3.91546	0.0031011	10.0114	10.0114	0.0139013	31.2035	31.2035	0.0732464	9.5981	9.5981	3.21577	0.8025	9.5981	1
ps18730862	CEP72	0.0572789	0.373443	0.816601	-1.22459	0.588556	0.885941	-1.12874	0.61369	0.89326	-1.1195	0.511285	0.862662	-1.1592	0.33202	1.24847	1.24847	0.00445046	0.431102	-2.31964	0.123716	1.44731	1.44731	0.0730577	1.55787	1.55787	0.47895	1.17305	1.17305	3.21573	2.50436	0.692254	1
ps07251480	ZNF778	0.0572795	0.023052	1.58171	1.58171	0.161634	1.28678	1.28678	0.164552	1.28347	1.28347	0.163133	1.28547	1.28547	0.0762828	0.716969	-1.39476	0.111957	0.746768	-1.3391	0.0762208	1.39488	1.39488	0.216546	1.2453	1.2453	0.239749	1.23081	1.23081	3.21572	1.4495	0.40067	1
ps26288270	RBM03;RBM3;RBM3;RBM3X;RBM3X	0.0572795	0.528353	0.843827	-1.15898	0.50142	1.01138	1.01138	0.0168945	0.601413	1.66284	0.0168405	0.601413	1.66284	0.0168405	0.601413	1.66284	0.559373	1.0504	-1.0504	0.167221	0.64093	-1.56025	0.0104314	0.64372	-1.55347	0.0104006	0.167221	0.64093	3.21572	0.64383	0.45799	1
ps03007772	RGS12;RGS12;RGS12	0.0572799	0.475868	1.15586	1.15586	0.192792	1.31702	1.31702	0.111477	0.70727	-1.41389	0.102323	1.4293	1.4293	0.17329	1.33573	1.33573	0.112672	1.41198	1.41198	0.0149938	1.81748	1.81748	0.0703148	0.667525	-1.49807	0.906198	1.02383	1.02383	3.21571	2.03281	0.561911	1
ps04004904	C10orf111;RPP38;RPP38;RPP38	0.0572781	0.0938663	0.311859	-3.20657	0.108004	0.812136	1.23136	0.231586	0.804277	-1.24337	0.0994258	0.722449	-1.38496	0.0500904	0.805952	-1.24116	0.0414604	0.3408	-2.93423	0.0507267	0.391012	-2.55699	0.0247064	0.388	-2.90919	0.178513	0.515532	-1.9405	3.18568	10.6739	2.9505	1
ps23932376	PTPN1	0.0572819	0.0545919	0.467033	-2.13355	0.211315	0.85	-1.62123	0.0315883	0.461336	-2.40205	0.162582	0.595658	-1.67882	0.0094024	0.427373	-3.65324	0.359145	0.720598	-1.38774	0.112545	0.548612	-1.82778	0.0665226	0.860136	-1.16261	0.201819	0.626008	-1.59742	3.21566	6.15097	1.70028	1
ps10625750	CCDC109B	0.0572835	0.0744219	0.590739	-1.6928	0.18297	0.687827	-1.45385	0.0170546	0.462919	-2.1602	0.311175	0.757686	-1.31981	0.0497329	0.373554	-2.67699	0.0735633	0.589607	-1.69605	0.53858	0.847986	-1.17926	0.154401	0.667836	-1.49737	0.0398937	0.533104	-1.87581	3.21563	3.57172	0.987322	1
ps23539206	MYL2	0.0572841	0.72041	1.08035	1.08035	0.925475	0.787188	-1.2035	0.0625192	0.745705	-1.34153	0.0497591	0.739009	-1.35293	0.0501045	0.739009	-1.35293	0.103553	0.626014	-1.5972	0.0204555	0.441586	-2.26374	0.0419589	0.514512	-1.94458	0.0261751	0.506062	-1.97634	3.21562	2.01561	0.626757	1
ps06108510	MLH1;MLH1;MLH1;MLH1;EPM2AIP1	0.0572856	0.0272666	0.481912	-2.07507	0.137528	0.639611	-1.56345	0.0286966	0.486236	-2.05662	0.0174248	0.445372	-2.24531	0.171036	0.66546	-1.50272	0.931794	0.976365	-1.02421	0.415864	0.790656	-1.26158	0.290444	1.35874	1.35874	0.263985	1.38451	1.38451	3.21558	3.97629	1.09917	1
ps08545398	C1orf83;TMEM59	0.0572869	0.783443	1.12837	1.12837	0.524253	1.32343	1.32343	0.0214586	0.445338	-1.68193	0.0403361	1.09234	1.09234	0.0210121	0.605459	-1.65122	0.740664	1.34959	-1.34959	0.0270987	0.370049	1.97049	1.97049	0.0264572	0.5074	-1.97048	0.0264572	0.5074	-1.97048	3.21557	6.3944	1.98994	1
ps14997226	LONRF2;LONRF2	0.0572871	0.484882	0.80216	-1.24663	0.884959	1.04599	1.04599	0.118194	0.590440	-1.69363	0.840511	1.06458	1.06458	0.813052	0.929061	-1.07636	0.40902	1.29987	1.29987	0.459492	1.26354	1.26354	0.0362024	2.13078	2.13078	0.00359196	3.4031	3.4031	1.21555	4.91266	1.35803	1
ps25650579	FAM133B;FAM133B	0.0572873	0.310907	0.800919	-1.24857	0.0179223	0.549189	-1.83885	0.046158	0.616458	-1.62217	0.0915334	1.48205	1.48205	0.560751	1.13264	1.13264	0.373642	1.21589	-1.21589	0.046922	1.61081	1.61081	0.908263	1.02471	1.02471	0.709366	1.0825	1.0825	1.21555	2.28326	0.631173	1
ps20307082	MPRIP;MPRIP	0.0572878	0.129946	0.401354	-2.49154	0.0377004	0.18024	-5.55041	0.0195564	0.0820255	1.28321	1.28321	0.0284208	0.247302	0.230138	0.847302	-4.34207	0.0744664	0.995708	-1.00432	0.497948	0.14322	0.14322	0.0133886	0.0990802	-1.01113	0.137001	1.13607	1.13607	1.21553	0.852907	0.235774	1
ps12167135	WDR45L	0.057288	0.143446	1.55964	1.55964	0.452679	1.24145	1.24145	0.0202332	2.20687	2.20687	0.0448329	1.91746	1.91746	0.783311	0.925027	-1.08105	0.108768	1.63967	1.63967	0.0116746	2.4374	2.4374	0.0190382	2.23102	2.23102	0.685981	1.12177	1.12177	3.21553	4.07008	1.12512	1
ps16209664	ZIC1	0.0572915	0.024017	0.238009	-4.20002	0.0133508	0.183923	2.45591	0.0238319	0.545456	-1.83333	0.241059	0.495233	2.02031	0.0162409	0.3091	-4.90411	0.149604	0.7408	-1.34972	0.0506567	0.776208	1.28727	0.0696402	0.9644	1.03675	0.884661	1.25122	1.25122	3.21553	0.51815	0.154525	1
ps06753493	B3GALT4	0.0572936	0.239774	2.1175	2.1175	0.0098623	2.29841	2.29841	0.10168	2.98048	2.98048	0.282544	1.97503	1.97503	0.0704735	3.38174	3.38174	0.494764	1.52585	1.52585	0.0346361	4.48742	4.48742	0.0074065	8.34655	8.34655	0.15331	2.53942	2.53942	3.21541	18.917	5.22953	1
ps09642378	ARHGAP12	0.0572954	0.0500283	0.35775	-2.79525	0.122834	0.463477	-2.1576	0.992912	1.00409	1.00409	0.88318	0.934604	-1.06997	0.0275665	0.301632	-3.3153	0.0510413	0.359804	-2.77929	0.0141226	0.248281	-4.02769	0.0158752	0.256976	-3.89142	0.449273	0.701411	-1.4257	3.2154	10.7747	2.97863	1
ps11804604	ARHGEF11;ARHGEF11	0.0572953	0.560934	1.17251	1.17251	0.29002	0.833923	1.24145	0.0239379	0.545456	-1.83333	0.241059	0.495233	2.02031	0.0162409	0.3091	-4.90411	0.149604	0.7408	-1.34972	0.0506567	0.776208	1.28727	0.0696402	0.9644	1.03675	0.884661	1.25122	1.25122	3.21541	0.51815	0.154525	1
ps00839356	BAG5;BAG5;BAG5	0.0572963	0.609287	1.19557	1.19557	0.17792	0.608918	-1.64226	0.119011	1.79734	1.79734	0.549606	2.12578	2.12578	0.381343	2.04853	0.447295	0.473566	1.23356	-1.23356	0.0853	1.24742	1.24742	0.0397435	1.51769	1.51769	0.750903	0.8955	0.8955	1.11668	1.25535	0.61478	1.69044	1
ps05733338	SLC16A8;SLC16A8	0.0572976	0.126313	1.51258	1.51258	0.0132128	0.143543	1.51182	0.0140852	1.53228	1.53228	0.0134108	1.53228	1.53228	0.0134108	1.53228	1.53228	0.0139797	1.0504	-1.0504	0.167221	0.64093	-1.56025	0.0104314	0.64372	-1.55347	0.0104006	0.167221	0.64093	3.21539	0.64383	0.45799	1
ps26944725	LYPD6B	0.057298	0.39812	2.39775	2.39775	0.900553	1.1347	1.1347	0.613605	0.597692	-1.6731	0.00104785	0.00742845	-134.618	0.976627	1.03006	1.03006	0.684008	1.5123	1.5123	0.306997	0.343352	-2.91246	0.958493	0.94875	-1.05402	0.513543	0.511584	-1.95373	3.21531	52.0335	14.3849	1
ps01884604	HAGH;HAGH	0.0572986	0.0179356	0.21965	-4.57313	0.721292	0.60152	-1.92843	0.0445788	0.295857	-3.38367	0.391613	1.59027	1.59027	0.0174787	0.629179	-1.58988	0.340407	0.9466	-1.05615	0.916644	0.482742	2.07084	0.0089078	1.66022	1.66022	0.0178313	0.515532	-1.9405	3.18568	10.6739	2.9505	1
ps26324489	ADK;ADK	0.0572995	0.0180772	1.93168	1.93168	0.0126182	1.05269	1.05269	0.0114796	0.842059	-1.26498	0.158191	0.707563	4.313	0.0133568	0.980583	-1.0198	0.313036	0.642797	-1.5557	0.561384	1.28235	1.28235	0.0699669	0.424025	-2.35835	0.0397292	0.365304	-2.73744	3.21526	9.13303	2.52491	1
ps03096644	TMEM37	0.0573006	0.826573	1.20861	1.20861	0.925475	0.787188	-1.2035	0.0625192	0.745705	-1.34153	0.0497591	0.739009	-1.35293	0.0501045	0.739009	-1.35293	0.103553	0.626014	-1.5972	0.0204555	0.441586	-2.26374	0.0419589	0.514512	-1.94458	0.0261751	0.506062	-1.97634	3.21522	2.01561	0.626757	1
ps06189670	STX2;STX2	0.0573032	0.287681	1.18906	1.18906	0.307198	0.18036	-1.18036	0.0673817	1.37922	1.37922	0.828516	1.03461	1.03461	0.0591244	1.39692	1.39692	0.0060297	7.75553	7.75553	0.00795982	7.7052	7.7052	0.788248	1.04313	1.04313	0.568871	1.09453	1.09453	3.2152	1.25302	0.346416	1
ps23059158	RBM48	0.0573033	0.180008	0.783905	-1.27552	0.0754888	0.949809	-1.05279	0.0378264	1.79119	1.79119	0.0211003	0.622462	-1.60645	0.0804001	0.958017	-1.04284	0.708629	1.14962	-1.14962	0.768912	0.950891	-1.05164	0.144061	0.74255	-1.34704	0.444353	0.760152	1.14256	3.21512	5.34742	0.941052	1
ps08805208	GPR133	0.0573053	0.0403202	0.79438	-1.38997	0.198678	0.827933	-1.20783	0.0623742	0.747059	-1.33858	0.838126	0.971964	-1.02884	0.720067	0.951204	-1.0513	0.122962	1.26152	-1.26152	0.0271976	0.43821	0.43821	0.0874404	0.7692572	-1.29996	0.502358	1.009701	-1.00926	3.21519	0.984078	0.272063	1
ps05938640	HPS3	0.0573041	0.558964	1.10263	1.10263	0.376071	1.1617	1.1617	0.124475	0.759582	-1.31651	0.0881469	-1.12553	0.888461	-1.12553	0.888461	-1.12553	0.918018	0.983123	-1.01717	0.750682	1.05411	1.05411	0.0439794	1.46621	1.46621	0.552499	0.905427	-1.10445	3.21518	1.39177	0.384778	1
ps10024440	DNAJC1	0.0573043	0.0710714	1.54284	1.54284	0.165277	1.45574	1.45574	0.0112882	1.63229	1.63229	0.0970003	1.01861	1.01861	0.488175	0.805334	-1.1169	0.272532	1.1926	-1.1926	0.0852732	1.18707	1.18707	0.0184807	1.18754	1.18754	0.153152	1.10773	1.10773	3.21516	2.0146	0.535648	1
ps08214990	LMF1	0.0573068	0.732747	1.24494	1.24494	0.14826	0.371113	-2.6946	0.012824	0.138678	-7.21095	0.0498759	4.17702	4.17702	0.0353159	0.208733	-4.79081	0.42625	0.594948	-1.68082	0.84878	1.09711	1.09711	0.475593	1.58995	1.58995	0.366046	1.81047	1.81047	3.21512	20.8037	5.75162	1
ps27340364	ZFP91	0.0573071	0.602003	1.08859	1.08859	0.0078119	0.479034	-2.08754	0.023311	0.561051	-1.78232	0.421098	0.839274	-1.19151	0.107803	0.687899	-1.4537	0.508056	0.86445	-1.15681	0.565092	0.894364	-1.11868	0.0709642	1.52325	1.52325	0.584675	0.888962	-1.12491	3.21511	2.33433	0.639848	1
ps02238692	NAP1L1;NAP1L1	0.0573084	0.0345102	0.234719	-4.26042	0.112778	0.362481	-2.75876	0.0179011	0.18422	-5.4283	0.852505	0.896359	-1.11562	0.0296626	0.214396	-4.66426	0.121682	0.32794	-2.6814	0.0174313	0.157175	-6.36242	0.856832	0.899279	-1.112	0.136779	0.389741	-2.56581	3.21509	17.5972	4.86518	1
ps13619824	GABBR2	0.0573085	0.892899	0.982054	-1.01827	0.121655	1.25304	1.25304	0.107673	0.789202	-1.2671	0.223831	1.18744	1.18744	0.386851	1.12665	1.12665	0.999602	1.00007	1.00007	0.105994	0.788716	-1.26788	0.0672738	1.31741	1.31741	0.0103113	1.54421	1.54421	3.21508	0.920234	0.254421	1
ps19442138	GOLGA3	0.0573087	0.9425319	1.08865	1.08865	0.925475	0.787188	-1.2035	0.0625192	0.745705	-1.34153	0.0497591	0.739009	-1.35293	0.0501045	0.739009	-1.35293	0.103553	0.626014	-1.5972	0.0204555	0.441586	-2.26374	0.0419589	0.514512	-1.94458	0.0261751	0.506062	-1.97634	3.21507	2.01561	0.626757	1
ps14581858	TP53BP2;TP53BP2	0.0573099	0.0633173	3.18774	3.18774	0.10684	0.379458	-2.63134	0.140828	0.619810	-1.61337	0.623923	1.16123	1.16123	0.174466	1.54679	1.54679	0.258291	1.42786	1.42786	0.742187	1.10482	1.10482	0.208323	0.669952	-1.49265	0.21128	1.48837	1.48837	3.21505	4.6429	1.28366	1
ps24548265	ZNF275	0.0573139	0.125116	1.35113	1.35113	0.0475388	0.314378	-1.18268	0.0824661	1.1086	1.1086	0.194233	0.521592	-1.91723	0.0115163	0.224597	-4.4541	0.705219	0.815574	-1.22603	0.0116184	0.624597	-1.60121	0.0412265	0.727408	-1.37464	0.0256078	0.495028	-2.01921	3.21499	1.48195	0.461335	1
ps04492360	PTDSS2	0.057313	0.63379	1.22638	1.22638	0.524852	0.760345	-1.31519	0.655303	0.826098	-1.21051	0.718927	1.1661	1.1661	0.979044	1.01123	1.01123	0.306817	1.56804	1.56804	0.0020022	0.156541	-6.38808	0.168686	0.536015	-1.86562	0.0762753	0.43232	2.3131	3.21499	3.20506	2.54504	1
ps04764087	PRDM15	0.0573147	0.364426	0.823761	-1.21394	0.48965	0.15719	-1.15719	0.0280935	1.73057	1.73057	0.959375	0.980459	-1.01065	0.0698405	0.655925	1.52456	0.726078	0.929443	-1.07591	0.0418172	1.62911	1.62911	0.358618	1.21697	1.21697	0.0372438	0.604709	-1.65369	3.21495	2.2034	0.609209	1
ps26203383	GRAP2	0.0573161	0.0328816	0.473457	-2.86514	0.377004	0.685985	-1.46202	0.0201772	0.237225	4.21578	0.0264	0.553899	1.80564	0.0233548	0.342502	-2.92037	0.0508287	0.800199	-1.24939	0.0253596	0.39228	2.54988	0.0160504	0.650804	-1.53594	0.0944569	0.494569	-2.02201	3.21487	1.83937	0.247137	1
ps02595236	PAOX;PAOX;PAOX	0.0573168	?	?	?	0.187688	1.33186	1.33186	0.326535	1.2311	1.2311	0.0578606	1.55293	1.55293	0.492545	1.1538	1.1538	0.783463	0.945027	-1.05817	0.0232191	0.572972	-1.74529	0.0202915	1.77598	1.77598	0.786801	0.945875	-1.05722	3.26026	1.93368	0.593107	1
ps19395148	INA0;INA0L	0.0573178	0.579918	1.27573	1.27573	0.455504	0.57492	-1.27492	0.145363	0.78062	-1.28107	0.19627	0.331397	1.5473	1.5473	0.176952	0.536158	0.610016	1.24917	-1.24917	0.1064	0.460367	-2.17244	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12863633	C5orf36;ANKRD32;C5orf36;C5orf36;C5orf36	0.0573899	0.665649	0.966159	-1.03503	0.322581	1.08427	1.08427	0.224153	1.10641	1.10641	0.91811	0.991889	-1.00818	0.233549	1.10396	1.10396
cg21314839	RASA3	0.0573926	0.515044	0.829936	-1.20491	0.00883516	0.390137	-2.5632	0.238177	0.705475	-1.41749	0.359711	1.30462	1.30462	0.0369737	0.504556	-1.98194
cg08176609	POMGNT1;POMGNT1	0.0573942	0.0143772	0.650762	-1.53666	0.29983	1.1653	1.1653	0.41284	1.1266	1.1266	0.835487	0.970826	-1.03005	0.673937	0.941527	-1.0621
cg10172932	PSMD1	0.0573951	0.0104825	0.553398	-1.80702	0.953597	0.989369	-1.01075	0.404141	1.16975	1.16975	0.026736	0.617489	-1.61946	0.676167	1.08021	1.08021
cg20744809	FTSJD1;FTSJD1;FTSJD1;FTSJD1	0.0573957	0.101843	0.874846	-1.14306	0.266964	1.09019	1.09019	0.083228	1.15394	1.15394	0.914196	1.00808	1.00808	0.759833	0.977367	-1.02316
cg15325154	ZNF804B;MGC26647	0.0573976	0.922897	0.953615	-1.04864	0.0108623	0.208226	-4.80247	0.082942	0.389873	-2.56494	0.0268893	0.276369	-3.61835	0.08464	0.392309	-2.54901
cg14051770	ZP3;ZP3	0.0573978	0.00701803	0.294093	-3.40029	0.4896	0.781589	-1.27945	0.0893574	0.518062	-1.93027	0.0764031	0.500526	-1.9979	0.281964	0.675325	-1.48077
cg21231288	CCNO	0.0574005	0.428299	1.29735	1.29735	0.584118	0.836985	-1.19476	0.031156	2.25735	2.25735	0.153545	0.611456	-1.63544	0.0195227	0.403066	-2.48098
cg00828305	HNRNPA3	0.0574017	0.139056	0.773418	-1.29296	0.184069	1.25531	1.25531	0.100134	1.33737	1.33737	0.0547153	1.42139	1.42139	0.579911	0.913729	-1.09442
cg15179955	C13orf18	0.0574022	0.523414	0.817436	-1.22334	0.0149166	0.393286	-2.54268	0.270873	0.699537	-1.42952	0.00899109	0.355058	-2.81644	0.524349	0.817816	-1.22277
cg25198656	RNF216L;RNF216L;RNF216L	0.0574028	0.38535	1.1228	1.1228	0.803384	0.968057	-1.033	0.380121	0.889437	-1.12431	0.390125	1.12143	1.12143	0.230466	1.17789	1.17789
cg11983325	INPP5D;INPP5D	0.0574046	0.424749	0.895964	-1.11612	0.260832	1.17121	1.17121	0.326069	1.14642	1.14642	0.0722156	1.31048	1.31048	0.819478	0.969664	-1.03129
cg18125549	MRPS33;MRPS33	0.0574057	0.315788	1.29913	1.29913	0.568049	0.864505	-1.15673	0.116362	0.650169	-1.53806	0.877044	1.03984	1.03984	0.627507	0.883931	-1.13131
cg25678231	ETV3L	0.0574061	0.0804305	0.482266	-2.07354	0.0480948	0.427578	-2.33876	0.00310961	0.218483	-4.57702	0.452317	0.749798	-1.33369	0.0193497	0.3452	-2.89687
cg10946816	GFOD1	0.0574066	0.745039	0.876355	-1.14109	0.0079523	3.96058	3.96058	0.00898815	3.83331	3.83331	0.565146	0.790409	-1.26517	0.373269	0.690935	-1.44731
cg19705626	FBRSL1	0.0574098	0.789354	0.941004	-1.06269	0.697687	0.915167	-1.0927	0.497501	1.16932	1.16932	0.698535	1.09241	1.09241	0.11634	0.67873	-1.47334
cg03472851	LATS1	0.0574115	0.59096	1.08193	1.08193	0.395801	0.88142	-1.13453	0.145014	0.796783	-1.25505	0.53377	1.09579	1.09579	0.47975	1.10991	1.10991
cg25384157	ARRDC1	0.0574126	0.11555	0.654356	-1.52822	0.0247617	0.515503	-1.93985	0.25926	0.746944	-1.33879	0.320004	0.775115	-1.29013	0.0797776	0.61756	-1.61928
cg14042352	CCDC73	0.0574142	0.129652	0.451734	-2.21369	0.247425	1.79851	1.79851	0.0852314	0.397098	-2.51827	0.334539	0.616892	-1.62103	0.0390812	0.313769	-3.18706
cg07970642	CLCN6;CLCN6;CLCN6;CLCN6	0.0574144	0.437572	1.35087	1.35087	0.765276	1.12043	1.12043	0.573207	0.805586	-1.24133	0.4437	1.34526	1.34526	0.0345221	0.392082	-2.55049
cg18856894	THOC7;ATXN7;ATXN7	0.0574149	0.108747	0.584577	-1.71064	0.774544	0.915633	-1.09214	0.737727	1.10865	1.10865	0.838113	1.0648	1.0648	0.00276862	0.281785	-3.54881
cg07011981	XRCC5	0.0574162	0.501536	0.784869	-1.2741	0.0227431	0.379779	-2.63311	0.074962	0.494478	-2.02234	0.27873	1.49175	1.49175	0.596526	1.20893	1.20893
cg17071409	KIAA1530	0.0574189	0.949155	0.988143	-1.012	0.0087187	1.86847	1.86847	0.0661786	1.47031	1.47031	0.458825	1.15153	1.15153	0.698979	0.929896	-1.07539
cg21532953	CENPJ	0.0574193	0.944158	1.03758	1.03758	0.147428	2.26727	2.26727	0.125834	2.3923	2.3923	0.414779	1.55113	1.55113	0.0157168	0.210358	-4.75379
cg15812873	SULT1A1	0.0574212	0.0080976	11.0574	11.0574	0.0499019	4.87868	4.87868	0.318222	2.07744	2.07744	0.240001	2.39149	2.39149	0.107977	3.4658	3.4658
cg01555431	AKAP12	0.0574223	0.075761	0.78589	-1.27244	0.751542	1.03948	1.03948	0.527677	0.924963	-1.08112	0.748724	0.961581	-1.03995	0.00301442	0.609135	-1.64167
cg25423848	KLHL10;KLHL10	0.0574233	0.106052	0.565706	-1.7677	0.241652	1.48517	1.48517	0.00623472	0.31646	-3.15996	0.605576	0.845256	-1.18307	0.0230711	0.41605	-2.40356
cg00548433	NCRNA00029	0.0574268	0.698852	0.766547	-1.30455	0.684068	1.32284	1.32284	0.0458942	0.209111	-4.78214	0.574184	1.47442	1.47442	0.0791304	0.263658	-3.79279
cg13698778	PCSK2	0.0574272	0.0226505	0.225517	-4.43426	0.769624	0.851906	-1.17384	0.164435	0.44504	-2.24699	0.484905	0.678848	-1.47308	0.0232311	0.227485	-4.3959
cg14960290	ZNF443	0.0574279	0.0760457	1.47673	1.47673	0.199147	0.764985	-1.30721	0.158257	0.742412	-1.34696	0.253376	1.2656	1.2656	0.423311	1.17526	1.17526
cg05957603	XPNPEP3;ST13	0.0574279	0.229689	1.16221	1.16221	0.0439036	0.758654	-1.31812	0.367299	0.895423	-1.11679	0.476473	0.917274	-1.09019	0.0573562	0.773823	-1.29228
cg14469972	EHMT1	0.0574288	0.185769	1.43354	1.43354	0.0542862	1.75175	1.75175	0.0699768	1.68216	1.68216	0.177125	1.44518	1.44518	0.182719	1.43758	1.43758
cg14254745	DHDDS;DHDDS	0.0574291	0.0121207	8.50527	8.50527	0.0360046	5.3102	5.3102	0.0372045	5.23658	5.23658	0.0620006	4.21431	4.21431	0.661031	0.739304	-1.35262
cg03286783	CASC4;CASC4;CASC4;CASC4	0.0574294	0.55375	1.13546	1.13546	0.535114	0.875283	-1.14249	0.0196791	1.81767	1.81767	0.781851	0.942829	-1.06064	0.0442188	1.63263	1.63263
cg02090805	PXDNL	0.0574309	0.0543603	1.89747	1.89747	0.00334442	3.22709	3.22709	0.688559	1.12548	1.12548	0.175516	1.526	1.526	0.267943	1.40293	1.40293
cg24913168	SERP2	0.0574329	0.666655	0.672817	-1.48629	0.0149698	15.4189	15.4189	0.0659079	6.59872	6.59872	0.725566	0.724494	-1.38027	0.0496427	0.129001	-7.7519
cg19376189	RPP21	0.0574348	0.515567	0.760365	-1.31516	0.0295426	2.90014	2.90014	0.00284479	5.51186	5.51186	0.708269	0.855395	-1.16905	0.654482	1.20585	1.20585
cg15236063	SELK	0.0574385	0.1173	0.391278	-2.55573	0.00408342	0.119352	-8.37861	0.0268402	0.235411	-4.2479	0.515054	0.694821	-1.43922	0.140988	0.417564	-2.39485
cg03380645	SFTPB;SFTPB	0.0574385	0.0938821	0.289149	-3.45843	0.0943178	0.289717	-3.45165	0.027022	0.17144	-5.83296	0.0705589	0.256343	-3.90102	0.0598669	0.239277	-4.17926
cg01033005	SLC7A9;SLC7A9	0.057439	0.739995	0.951227	-1.05127	0.107088	1.30226	1.30226	0.825472	0.967385	-1.03371	0.804689	1.0379	1.0379	0.00875033	0.60567	-1.65106
cg19809039	C11orf70	0.0574392	0.374906	0.849552	-1.17709	0.00509685	0.515468	-1.93998	0.704719	1.07054	1.07054	0.0978179	1.38425	1.38425	0.113424	0.734628	-1.36123
cg07847101	AGAP3;AGAP3	0.0574426	0.0156534	0.515978	-1.93807	0.423299	0.83307	-1.20038	0.0315113	1.75635	1.75635	0.23917	0.75936	-1.3169	0.14575	0.705537	-1.41736
cg00850332	C7orf50;C7orf50;C7orf50	0.0574427	0.161437	0.602044	-1.66101	0.133804	0.577708	-1.73098	0.358269	1.37789	1.37789	0.76187	0.902013	-1.10863	0.0273896	0.412498	-2.42425
cg12151124	ICAM1	0.0574437	0.496398	1.69776	1.69776	0.157237	0.313694	-3.18782	0.661853	0.71369	-1.40117	0.65536	0.708704	-1.41103	0.123189	0.278051	-3.59647
cg15048099	C10orf93	0.0574462	0.0104033	0.272546	-3.6691	0.048997	0.404297	-2.47343	0.217622	0.592986	-1.68638	0.0466479	0.399359	-2.50402	0.00900019	0.262333	-3.81194
cg16079865	STK25	0.0574463	0.100259	1.3096	1.3096	0.777072	0.958372	-1.04344	0.113296	0.772495	-1.29451	0.893974	1.02017	1.02017	0.0033493	0.54992	-1.81845
cg15665849	PART1	0.0574464	0.562055	0.899119	-1.1122	0.871526	0.971067	-1.02979	0.101924	0.722698	-1.3837	0.716694	1.06834	1.06834	0.212834	0.788197	-1.26872
cg14823287	WBP1;INO80B	0.0574472	0.216695	1.3426	1.3426	0.39641	0.821338	-1.21753	0.356642	1.2397	1.2397	0.514468	1.16163	1.16163	0.578927	1.13547	1.13547
cg14858152	STXBP3	0.0574476	0.153384	0.869759	-1.14974	0.613152	1.04763	1.04763	0.0430353	0.808552	-1.23678	0.811333	0.978409	-1.02207	0.110323	1.17215	1.17215
cg24373540	ASTN1;ASTN1	0.05745	0.610435	0.860049	-1.16272	0.0564531	0.53061	-1.88462	0.00863426	0.37435	-2.67129	0.145865	0.632448	-1.58116	0.0353611	0.487235	-2.0524
cg14085606	STXBP1;STXBP1	0.0574501	0.224933	1.46453	1.46453	0.305316	1.37401	1.37401	0.101202	1.71128	1.71128	0.0166855	2.39824	2.39824	0.0270138	2.18968	2.18968
cg18278744	ATF6B;ATF6B	0.0574506	0.377048	0.860504	-1.16211	0.126792	0.760535	-1.31486	0.986367	0.997172	-1.00284	0.0156615	0.611988	-1.63402	0.922961	1.01616	1.01616
cg07950855	PPP1R2P1	0.0574508	0.486459	0.923465	-1.08288	0.312822	0.889092	-1.12474	0.0265743	0.743804	-1.34444	0.388043	1.10475	1.10475	0.101731	1.22351	1.22351
cg17141902	NINJ1	0.0574509	0.013179	0.355711	-2.81127	0.552476	1.224	1.224	0.260614	0.673932	-1.48383	0.0336939	0.434207	-2.30305	0.318593	0.707023	-1.41438
cg22049474	NAP1L6	0.0574512	0.00242563	0.0824009	-12.1358	0.437228	1.59767	1.59767	0.334019	0.554831	-1.80235	0.379372	0.586743	-1.70432	0.203146	0.451921	-2.21277
cg08153079	MRPL10	0.057452	0.413527	1.13323	1.13323	0.0170816	1.54494	1.54494	0.0597847	1.37409	1.37409	0.814516	1.03579	1.03579	0.506233	0.904016	-1.10617
cg11234017	CCDC43;CCDC43	0.057452	0.0314481	0.697313	-1.43408	0.4131	0.887321	-1.12699	0.77648	0.960148	-1.04151	0.747137	1.0473	1.0473	0.944467	1.01	1.01
cg24025255	DCAF5	0.0574553	0.0326221	0.331002	-3.02113	0.101096	0.452086	-2.21197	0.780411	1.13153	1.13153	0.664234	0.82439	-1.21302	0.0234895	0.302253	-3.30849
cg22347322	MPPED1	0.0574557	0.308909	1.10512	1.10512	0.0395375	0.797731	-1.25356	0.195793	0.878227	-1.13866	0.0759025	1.20622	1.20622	0.0845083	1.19855	1.19855
cg00203035	MGRN1;MGRN1;MGRN1;MGRN1	0.0574562	0.815035	0.966511	-1.03465	0.0137572	1.5569	1.5569	0.215458	1.20866	1.20866	0.269666	0.84613	-1.18185	0.0540389	0.7277	-1.37419
cg18423469	DLGAP1;DLGAP1	0.0574579	0.640793	1.25207	1.25207	0.00423956	6.24117	6.24117	0.00655283	5.41662	5.41662	0.989349	1.00641	1.00641	0.199434	1.91276	1.91276
cg09359114	DLX5	0.0574601	0.48238	1.53868	1.53868	0.603216	1.37232	1.37232	0.870008	0.905878	-1.1039	0.944736	0.959022	-1.04273	0.301499	1.90808	1.90808
cg01328269	UNC13A	0.0574606	0.693529	1.09135	1.09135	0.642787	0.902051	-1.10858	0.384985	0.821537	-1.21723	0.964276	0.990164	-1.00993	0.965254	1.00966	1.00966
cg19827650	HHATL;HHATL;HHATL	0.0574615	0.0355466	6.82403	6.82403	0.0125876	11.417	11.417	0.149932	3.35808	3.35808	0.0843017	4.47606	4.47606	0.305935	2.2977	2.2977
cg02992856	ZNF823	0.0574616	0.732619	1.06247	1.06247	0.0265011	0.628287	-1.59163	0.666179	1.0797	1.0797	0.75105	1.05785	1.05785	0.219234	0.795894	-1.25645
cg09861240	SH3BP1	0.0574624	0.0378361	0.469797	-2.12858	0.467871	0.793172	-1.26076	0.969594	1.01203	1.01203	0.0608829	0.515427	-1.94014	0.00517482	0.314139	-3.1833
cg17114847	AGBL2	0.057463	0.140175	0.329817	-3.03199	0.659179	0.733291	-1.36371	0.03327	0.175682	-5.6921	0.308267	0.478523	-2.08976	0.0117871	9.00946	9.00946
cg08301612	HEXIM1;HEXIM1	0.0574637	0.231209	0.705843	-1.41675	0.00638219	2.67668	2.67668	0.0680497	1.76269	1.76269	0.904107	1.034	1.034	0.547752	1.18381	1.18381
cg01642579	ANKS3	0.0574646	0.795004	0.842064	-1.18756	0.00274954	15.3015	15.3015	0.0938738	3.37435	3.37435	0.164008	2.66564	2.66564	0.342756	0.524502	-1.90657
cg10288995	SNRK;SNRK	0.0574651	0.70071	0.865868	-1.15491	0.0192903	2.87319	2.87319	0.173556	1.71594	1.71594	0.238473	0.631014	-1.58475	0.161995	0.57303	-1.74511
cg24154246	C3orf77	0.0574656	0.727108	0.932717	-1.07214	0.0598288	0.655611	-1.5253	0.0118945	0.535721	-1.86664	0.556273	0.888419	-1.1256	0.0154709	0.554021	-1.80499
cg15133790	ANK1	0.0574659	0.972141	0.990997	-1.00908	0.426137	1.23423	1.23423	0.517153	0.843604	-1.18539	0.16637	1.46545	1.46545	0.0155388	0.463695	-2.15659
cg02372821	ZFHX3;ZFHX3	0.0574664	0.547832	0.896144	-1.11589	0.171629	0.769212	-1.30003	0.0918803	0.715639	-1.39735	0.113518	0.73309	-1.36409	0.407722	1.16496	1.16496
cg08441455	POLK	0.0574681	0.613081	0.884344	-1.13078	0.29878	0.771371	-1.29639	0.288078	0.76656	-1.30453	0.646436	1.11776	1.11776	0.0836686	1.58636	1.58636
cg03237166	ALDH1B1	0.0574681	0.0161337	0.337003	-2.96733	0.0197608	0.353419	-2.8295	0.0713221	0.475102	-2.10481	0.233642	0.630413	-1.58626	0.248243	0.640192	-1.56203
cg23219570	FGF23;FGF23	0.0574689	0.977711	0.987777	-1.01237	0.615143	1.25	1.25	0.626831	1.2407	1.2407	0.0152205	0.269236	-3.71421	0.00893334	0.231284	-4.3237
cg11780053	INSR;INSR	0.0574698	0.0204938	0.33401	-2.99392	0.972667	1.01355	1.01355	0.718073	1.15304	1.15304	0.238096	1.62477	1.62477	0.0129501	0.297751	-3.35852
cg19243826	PTGER1	0.0574712	0.126888	3.01558	3.01558	0.029156	5.57649	5.57649	0.255293	2.21222	2.21222	0.335167	1.94342	1.94342	0.365753	1.86126	1.86126
cg03610970	LPAR5;LPAR5	0.0574713	0.263111	1.29116	1.29116	0.246177	1.30427	1.30427	0.371593	0.817961	-1.22255	0.0238772	1.8048	1.8048	0.0844638	0.658346	-1.51896
cg01120851	KLHL21	0.0574744	0.103974	1.88629	1.88629	0.0897391	1.94981	1.94981	0.0590789	2.14015	2.14015	0.140603	1.76094	1.76094	0.444619	0.757154	-1.32074
cg19753867	DSN1;DSN1;DSN1;DSN1;DSN1	0.0574752	0.497789	1.19693	1.19693	0.725618	1.09639	1.09639	0.0578206	1.75096	1.75096	0.259081	1.36003	1.36003	0.631546	1.1345	1.1345
cg06186245	TMEM45A	0.0574758	0.0239241	0.233653	-4.27986	0.94053	0.96054	-1.04108	0.109437	0.389946	-2.56445	0.380035	0.615148	-1.62562	0.0421691	0.282778	-3.53634
cg13875111	SLC30A3	0.0574758	0.179752	0.779352	-1.28312	0.828294	0.962709	-1.03874	0.628295	0.918185	-1.0891	0.514807	0.890861	-1.12251	0.025674	0.628957	-1.58993
cg06797800	MYEOV2;MYEOV2	0.0574781	0.138881	0.759231	-1.31712	0.126453	1.3309	1.3309	0.00872095	0.56111	-1.78218	0.732696	0.942445	-1.06107	0.0181256	0.608848	-1.64245
cg06991732	PDP1;PDP1;PDP1;PDP1;PDP1	0.057481	0.480956	0.736825	-1.35717	0.609463	0.802804	-1.24563	0.273004	0.61486	-1.62639	0.110045	2.10129	2.10129	0.00362658	0.186717	-5.35568
cg00864474	NTN1	0.0574836	0.12498	4.93847	4.93847	0.0600615	7.68929	7.68929	0.133548	4.74069	4.74069	0.17292	4.03392	4.03392	0.174327	4.01329	4.01329
cg04120842	PARP4	0.0574839	0.834048	0.939262	-1.06467	0.317983	0.734707	-1.36109	0.583832	0.847702	-1.17966	0.00408553	0.316343	-3.16112	0.0831014	0.5638	-1.77368
cg27497699	ZNF605;ZNF605	0.0574845	0.752314	1.04434	1.04434	0.0189059	1.47639	1.47639	0.239297	1.18397	1.18397	0.15423	0.811387	-1.23246	0.764595	0.95968	-1.04201
cg08938062	RP5-1022P6.2	0.0574847	0.393759	0.718116	-1.39253	0.496559	0.769765	-1.2991	0.0765754	2.10997	2.10997	0.0767678	2.10871	2.10871	0.558377	0.799038	-1.2515
cg10463708	LRRC8D;LRRC8D	0.0574897	0.0345479	0.611803	-1.63451	0.0974368	0.695897	-1.43699	0.0228168	0.58096	-1.72129	0.504302	0.87365	-1.14462	0.226893	0.776539	-1.28777
cg05639405	CHST13	0.0574897	0.829238	1.02313	1.02313	0.105652	0.829311	-1.20582	0.869846	1.01752	1.01752	0.198301	1.15483	1.15483	0.452084	1.0845	1.0845
cg00495988	SPEG	0.0574906	0.224174	1.85879	1.85879	0.00669753	5.51527	5.51527	0.036709	3.24887	3.24887	0.345042	1.60346	1.60346	0.179592	1.99775	1.99775
cg17272563	PRRT1	0.0574949	0.0583903	1.95458	1.95458	0.215153	1.50508	1.50508	0.827621	1.07072	1.07072	0.257572	1.44806	1.44806	0.0710821	1.88102	1.88102
cg22136326	ARL2BP	0.0574965	0.0441306	0.664641	-1.50457	0.0863813	0.715594	-1.39744	0.673285	0.927824	-1.07779	0.745893	1.05912	1.05912	0.195446	1.27363	1.27363
cg05062889	C16orf13;C16orf13;C16orf13;C16orf13;C16orf13	0.0574969	0.35575	0.848529	-1.17851	0.00238178	2.07985	2.07985	0.778052	1.05007	1.05007	0.895993	0.977639	-1.02287	0.627078	1.08834	1.08834
cg04438519	ZNF784	0.0574973	0.104357	1.27046	1.27046	0.0332198	1.39882	1.39882	0.0625308	1.32661	1.32661	0.0600966	1.33103	1.33103	0.0352501	1.39187	1.39187
cg04236382	GPHB5	0.057498	0.131498	0.670316	-1.49183	0.0106761	0.454523	-2.20011	0.0159054	0.484116	-2.06562	0.936952	0.980752	-1.01963	0.666308	0.898899	-1.11247
cg02462081	CHPF	0.057498	0.136285	0.768885	-1.30059	0.0622005	1.4102	1.4102	0.851043	1.03126	1.03126	0.0562817	1.42462	1.42462	0.832504	0.965919	-1.03528
cg21167453	SPATA17	0.0575	0.234538	0.557657	-1.79322	0.0111958	0.225425	-4.43606	0.377148	0.653942	-1.52919	0.814066	0.895459	-1.11675	0.00309583	0.150006	-6.66639
cg21355791	IFNAR2;IFNAR2;IFNAR2	0.0575023	0.733234	0.937868	-1.06625	0.61062	1.10108	1.10108	0.0153049	1.74764	1.74764	0.14712	0.746978	-1.33873	0.691626	0.927972	-1.07762
cg20438451	ZNF7;ZNF7	0.057503	0.133571	1.28183	1.28183	0.832967	0.968113	-1.03294	0.375572	1.14975	1.14975	0.307307	1.17605	1.17605	0.0613159	0.723605	-1.38197
cg00040419	TCEANC	0.0575033	0.0285155	0.0970046	-10.3088	0.0755901	0.16772	-5.96233	0.0946548	0.190479	-5.24991	0.703385	0.707991	-1.41245	0.103804	0.200755	-4.98119
cg20022454	TMCO3	0.0575033	0.239323	1.40642	1.40642	0.0167411	0.445652	-2.2439	0.0234289	0.472652	-2.11572	0.930926	1.02428	1.02428	0.598504	0.863239	-1.15843
cg05798194	KPNA7	0.0575041	0.0467729	0.324634	-3.08039	0.52675	1.37295	1.37295	0.015813	0.231976	-4.31079	0.114502	0.428125	-2.33577	0.0117559	0.211133	-4.73635
cg10797319	JAG1	0.0575056	0.498522	1.34213	1.34213	0.588079	0.791208	-1.26389	0.0252602	0.32003	-3.12471	0.888102	0.941488	-1.06215	0.519858	1.32232	1.32232
cg15081027	HRNBP3	0.0575058	0.491614	1.39383	1.39383	0.0056014	5.63545	5.63545	0.124872	2.20277	2.20277	0.512516	1.37128	1.37128	0.712339	0.838579	-1.19249
cg26218101	ZNF84;ZNF84	0.0575062	0.0455588	0.58145	-1.71984	0.609509	0.8853	-1.12956	0.122862	1.48488	1.48488	0.086596	0.63913	-1.56463	0.134143	0.682479	-1.46525
cg25116900	CCDC109A	0.0575078	0.819073	0.932016	-1.07294	0.466706	1.25558	1.25558	0.215629	1.49254	1.49254	0.00591853	0.330776	-3.0232	0.117196	1.68699	1.68699
cg15344504	STT3B	0.0575082	0.826977	1.06808	1.06808	0.217316	1.47774	1.47774	0.0489864	1.96655	1.96655	0.0339369	2.10627	2.10627	0.0491456	0.508812	-1.96536
cg03036557	GPC5	0.0575099	0.304319	0.724224	-1.38079	0.825906	1.0691	1.0691	0.0224893	2.29109	2.29109	0.700862	0.88952	-1.1242	0.0540413	0.515174	-1.94109
cg10306780	TBC1D25	0.05751	0.00627817	0.081512	-12.2681	0.271553	2.23879	2.23879	0.928796	0.939007	-1.06495	0.129287	3.17116	3.17116	0.29449	0.465062	-2.15025
cg24984301	TMEM233	0.0575115	0.184169	1.20774	1.20774	0.0228593	0.694294	-1.44031	0.11845	0.796836	-1.25496	0.77454	0.962251	-1.03923	0.984084	1.00268	1.00268
cg14564965	SOBP	0.0575132	0.0177689	0.427221	-2.34071	0.0173519	0.425324	-2.35115	0.116246	0.604315	-1.65477	0.3488	1.32923	1.32923	0.0483312	0.513912	-1.94586
cg24866363	MSH3	0.0575141	0.126852	0.336198	-2.97444	0.0517543	0.231926	-4.31172	0.129901	0.339591	-2.94472	0.0069276	0.0995706	-10.0431	0.0196071	0.155432	-6.4337
cg08188318	ANKS1A	0.0575147	0.0536105	0.16992	-5.88513	0.0138781	0.0855726	-11.686	0.0728451	0.19826	-5.04388	0.0720422	0.197155	-5.07216	0.0197069	0.102511	-9.75504
cg12361772	STX8	0.0575168	0.0362963	0.453787	-2.20368	0.593936	0.839724	-1.19087	0.381846	0.747409	-1.33795	0.935224	0.973959	-1.02674	0.00291189	0.264997	-3.77363
cg00222982	EI24;EI24	0.0575179	0.352324	0.9383	-1.06576	0.494194	1.04728	1.04728	0.91688	0.993078	-1.00697	0.0233857	0.835069	-1.19751	?	?	?
cg19163348	HCN3	0.0575184	0.909342	1.01648	1.01648	0.394571	1.1333	1.1333	0.0696874	1.33794	1.33794	0.229108	1.19856	1.19856	0.0248773	1.46691	1.46691
cg13093380	ALK	0.0575186	0.139284	0.52849	-1.89218	0.00801061	0.256179	-3.90352	0.113934	0.501949	-1.99223	0.279675	0.63735	-1.569	0.0232889	0.337324	-2.96451
cg26608199	F10	0.0575195	0.0175325	0.480663	-2.08046	0.467276	0.82907	-1.20617	0.0643147	0.59051	-1.69345	0.274389	1.33404	1.33404	0.0188923	0.48647	-2.05563
cg02645368	VENTX	0.0575201	0.135246	1.82454	1.82454	0.329822	0.686897	-1.45582	0.628489	1.19972	1.19972	0.00164027	5.38682	5.38682	0.331437	1.45389	1.45389
cg06381463	FAM125B;FAM125B	0.0575203	0.543416	0.783353	-1.27656	0.00149383	0.162384	-6.15826	0.059939	0.430598	-2.32235	0.780173	0.894874	-1.11748	0.219829	0.599185	-1.66893
cg12721603	ORAOV1	0.0575217	0.25571	1.4933	1.4933	0.00550954	3.43173	3.43173	0.00808365	3.14663	3.14663	0.289431	1.45008	1.45008	0.32332	1.41165	1.41165
cg27168443	TRADD	0.0575224	0.433	1.25656	1.25656	0.0173526	2.2864	2.2864	0.280266	1.37762	1.37762	0.590591	1.16768	1.16768	0.282189	1.37572	1.37572
cg19319808	RHOU	0.0575242	0.0138392	0.14244	-7.0205	0.295052	0.498711	-2.00517	0.524814	0.661739	-1.51117	0.415661	0.586827	-1.70408	0.0210824	0.169095	-5.91383
cg25301532	KCNK15	0.0575256	0.107162	3.6606	3.6606	0.0892465	3.9858	3.9858	0.40419	0.532692	-1.87726	0.436573	1.79613	1.79613	0.233284	2.51469	2.51469
cg00718831	IQSEC3;IQSEC3	0.057528	0.124049	0.714404	-1.39977	0.0117383	0.529594	-1.88824	0.0380071	0.615262	-1.62532	0.890792	1.02813	1.02813	0.0273204	0.590212	-1.69431
cg13838014	PIP5KL1;PIP5KL1	0.057529	0.110348	0.361873	-2.7634	0.224688	0.474733	-2.10645	0.271065	0.512037	-1.95298	0.0332416	0.233667	-4.27959	0.0831794	0.326123	-3.06633
cg14223181	CWF19L1	0.0575302	0.019875	9.80074	9.80074	0.416043	1.9638	1.9638	0.112498	4.06641	4.06641	0.0314709	7.75481	7.75481	0.0459896	6.40292	6.40292
cg03176996	ELL2	0.0575309	0.05362	1.99784	1.99784	0.671394	0.873936	-1.14425	0.00790262	2.93239	2.93239	0.0129646	2.64793	2.64793	0.684701	1.13759	1.13759
cg03166323	SEPHS2	0.057531	0.679025	1.26113	1.26113	0.0594724	3.27432	3.27432	0.856795	0.90419	-1.10596	0.00199264	0.0877033	-11.4021	0.624797	0.759706	-1.3163
cg12850822	MAP3K9	0.057531	0.563462	0.773226	-1.29328	0.17835	1.87699	1.87699	0.0451447	2.75139	2.75139	0.0590215	0.391094	-2.55693	0.13565	0.492556	-2.03022
cg00534274	SLC7A11;SLC7A11	0.0575313	0.0459685	3.16033	3.16033	0.826615	0.895509	-1.11668	0.023497	0.256343	-3.90102	0.105117	0.410303	-2.43722	0.059117	0.342297	-2.92144
cg23254031	MDGA2	0.0575316	0.243767	1.22982	1.22982	0.673946	1.07442	1.07442	0.468591	1.13324	1.13324	0.427646	1.14725	1.14725	0.331284	1.18534	1.18534
cg15851278	DNAJB13	0.0575323	0.573766	1.12218	1.12218	0.626084	1.10471	1.10471	0.00565584	0.478852	-2.08833	0.643733	1.09906	1.09906	0.713992	0.928065	-1.07751
cg02936468	C9orf41	0.0575384	0.713677	0.964916	-1.03636	0.119575	1.17784	1.17784	0.0485469	1.24406	1.24406	0.397191	0.919416	-1.08765	0.361106	1.09525	1.09525
cg03341413	LBXCOR1	0.0575397	0.221139	2.53513	2.53513	0.0191846	7.76428	7.76428	0.056399	4.77061	4.77061	0.472507	1.6964	1.6964	0.754998	0.797391	-1.25409
cg23303246	NTM	0.0575406	0.882243	1.03615	1.03615	0.261535	0.755399	-1.3238	0.458727	0.834642	-1.19812	0.690198	0.908477	-1.10074	0.280303	0.764242	-1.30849
cg03276422	RAB40B	0.0575412	0.626086	0.93693	-1.06732	0.0556515	1.33337	1.33337	0.00290723	1.72105	1.72105	0.46761	1.10303	1.10303	0.65221	0.941584	-1.06204
cg00521598	MYCBP	0.0575417	0.0165563	0.492218	-2.03162	0.756243	0.927371	-1.07832	0.362551	1.25435	1.25435	0.534451	0.858688	-1.16457	0.734028	0.920734	-1.08609

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12863633	0.0459751	1.19855	1.19855	0.0253685	0.810217	-1.23424	0.0659572	1.17745	1.17745	0.0314478	1.22118	1.22118	3.21331	0.319115	0.0882758	1
cg21314839	0.0181081	0.444635	-2.24904	0.734173	0.908239	-1.10103	0.670499	1.12846	1.12846	0.105365	0.606764	-1.64809	3.21325	4.05788	1.12254	1
cg08176609	0.177936	0.81561	-1.22608	0.234493	0.837416	-1.19415	0.0174902	1.50954	1.50954	0.271851	1.17687	1.17687	3.21322	1.03164	0.285388	1
cg10172932	0.0231965	0.607466	-1.64618	0.409277	1.16766	1.16766	0.995871	0.99905	-1.00095	0.238223	0.796998	-1.25471	3.2132	1.71673	0.474911	1
cg20744809	0.0791992	0.864588	-1.15662	0.110377	0.87818	-1.13872	0.0128115	0.793884	-1.25963	0.125885	0.883688	-1.13162	3.21319	0.283688	0.0784788	1
cg15325154	0.111939	0.427742	-2.33786	0.0388764	0.309363	-3.23245	0.918745	1.05134	1.05134	0.0373972	0.305723	-3.27093	3.21314	12.2493	3.38866	1
cg14051770	0.639199	0.847229	-1.18032	0.00796454	0.302903	-3.30139	0.119316	0.552406	-1.81026	0.0713632	0.493098	-2.028	3.21314	6.27293	1.73535	1
cg21231288	0.53967	0.818822	-1.22127	0.34751	1.36532	1.36532	0.72506	1.12039	1.12039	0.0423772	2.12245	2.12245	3.21308	5.27359	1.45892	1
cg00828305	0.591182	1.09144	1.09144	0.0283755	0.658657	-1.51824	0.0575459	1.41423	1.41423	0.313463	1.18321	1.18321	3.21306	1.32511	0.36659	1
cg15179955	0.146286	1.626	1.626	0.719681	0.893742	-1.11889	0.623421	0.857044	-1.1668	0.18718	1.54617	1.54617	3.21304	4.94465	1.36794	1
cg25198656	0.405584	0.895174	-1.1171	0.00174837	0.559552	-1.78714	0.596649	1.07198	1.07198	0.928909	0.988454	-1.01168	3.21303	0.86185	0.238432	1
cg11983325	0.206274	1.19681	1.19681	0.00192496	1.807	1.807	0.856564	0.975912	-1.02468	0.745752	0.957103	-1.04482	3.21299	0.924161	0.255673	1
cg18125549	0.101859	0.636471	-1.57116	0.172546	0.693294	-1.44239	0.398576	1.24367	1.24367	0.00499148	2.55367	2.55367	3.21297	3.23946	0.896217	1
cg25678231	0.208566	0.607404	-1.64635	0.80183	0.909759	-1.09919	0.305983	0.671257	-1.48974	0.334555	0.687788	-1.45394	3.21296	7.19687	1.99107	1
cg10946816	0.827609	0.915563	-1.09222	0.140382	1.89945	1.89945	0.85228	0.927373	-1.07832	0.471014	1.34528	1.34528	3.21295	8.32549	2.30332	1
cg19705626	0.526412	1.15694	1.15694	0.0175103	1.92838	1.92838	0.00596677	2.26223	2.26223	0.194747	1.36547	1.36547	3.21288	2.62434	0.726062	1
cg03472851	0.00186523	0.526966	-1.89766	0.425619	1.12534	1.12534	0.910643	1.01643	1.01643	0.488766	1.10747	1.10747	3.21284	1.07199	0.296585	1
cg25384157	0.378402	0.799285	-1.25112	0.00749297	0.42599	-2.34747	0.00984001	0.445379	-2.24528	0.602334	0.877814	-1.13919	3.21282	3.12708	0.865167	1
cg14042352	0.384392	0.648639	-1.54169	0.010545	0.20978	-4.76689	0.0175951	0.246107	-4.06327	0.500036	0.717287	-1.39414	3.21278	11.9871	3.3165	1
cg07970642	0.0835262	0.48312	-2.06988	0.593116	0.81478	-1.22733	0.00617705	3.88209	3.88209	0.947526	1.02531	1.02531	3.21278	7.33949	2.03064	1
cg18856894	0.265182	0.70021	-1.42814	0.0894406	1.7766	1.7766	0.329428	0.734256	-1.36192	0.823166	1.07111	1.07111	3.21277	4.79263	1.326	1
cg07011981	0.351429	0.711373	-1.40573	0.975328	0.989078	-1.01104	0.0107454	3.12136	3.12136	0.889321	0.951755	-1.05069	3.21274	6.4168	1.77537	1
cg17071409	0.063092	1.47851	1.47851	0.00771788	1.89684	1.89684	0.382379	1.18242	1.18242	0.358538	1.19315	1.19315	3.21268	1.78017	0.492539	1
cg21532953	0.032182	0.266806	-3.74804	0.482016	1.45689	1.45689	0.641289	1.28029	1.28029	0.115457	2.46247	2.46247	3.21267	14.1099	3.90395	1
cg15812873	0.469081	1.68543	1.68543	0.0161646	8.04747	8.04747	0.0631526	4.39811	4.39811	0.0279759	6.29729	6.29729	3.21263	25.5559	7.07094	1
cg01555431	0.163509	1.19874	1.19874	0.401531	0.900626	-1.11034	0.669253	1.05378	1.05378	0.263099	1.15283	1.15283	3.21261	0.756066	0.209194	1
cg25423848	0.130236	0.590106	-1.69461	0.244482	0.675069	-1.48133	0.207393	0.651118	-1.53582	0.0890815	0.545992	-1.83153	3.21259	5.29932	1.46627	1
cg00548433	0.041344	0.20004	-4.99899	0.00473308	0.0768424	-13.0136	0.149484	0.347527	-2.87747	0.900759	0.91822	-1.08906	3.21251	23.7954	6.58409	1
cg13698778	0.143338	0.423874	-2.35919	0.11568	0.393249	-2.54292	0.158825	0.439566	-2.27497	0.0460457	3.48255	3.48255	3.2125	15.1554	4.19345	1
cg14960290	0.464297	1.15844	1.15844	0.0242878	1.69926	1.69926	0.0127121	1.84308	1.84308	0.280511	1.24795	1.24795	3.21249	1.98384	0.548924	1
cg05957603	0.725992	1.04286	1.04286	0.223396	1.16483	1.16483	0.0189953	1.40316	1.40316	0.200107	0.850924	-1.17519	3.21249	0.723783	0.200269	1
cg14469972	0.0478086	1.78759	1.78759	0.00224667	2.99816	2.99816	0.190104	1.42791	1.42791	0.326705	1.29682	1.29682	3.21247	3.35245	0.927621	1
cg14254745	0.194113	2.56103	2.56103	0.269446	2.19733	2.19733	0.0190242	6.98233	6.98233	0.191898	2.57447	2.57447	3.21246	23.8407	6.59673	1
cg03286783	0.986449	1.00361	1.00361	0.103043	0.685075	-1.45969	0.0141535	1.90038	1.90038	0.953306	0.987658	-1.0125	3.21245	2.2884	0.633203	1
cg02090805	0.0262413	2.16741	2.16741	0.161583	1.55049	1.55049	0.0998177	1.69746	1.69746	0.829213	0.938586	-1.06543	3.21242	4.37953	1.21183	1
cg24913168	0.975324	0.972112	-1.02869	0.0416958	0.116834	-8.55916	0.959519	1.04751	1.04751	0.510383	0.543044	-1.84147	3.21238	42.5447	11.7724	1
cg19376189	0.927474	1.03856	1.03856	0.445993	0.724115	-1.381	0.873034	1.06871	1.06871	0.383699	0.689929	-1.44942	3.21234	8.78473	2.43083	1
cg15236063	0.0390103	0.267717	-3.73528	0.141041	0.417619	-2.39453	0.824536	1.1303	1.1303	0.871597	0.914644	-1.09332	3.21226	15.4777	4.28297	1
cg03380645	0.0326017	0.185526	-5.39007	0.0342233	0.189345	-5.28138	0.0143244	0.130809	-7.64473	0.0770792	0.266046	-3.75874	3.21226	23.0823	6.38729	1
cg01033005	0.0223681	0.663052	-1.50818	0.156638	1.25543	1.25543	0.287116	0.847089	-1.18051	0.890597	0.979549	-1.02088	3.21224	1.14683	0.317349	1
cg19809039	0.325583	0.833833	-1.19928	0.4228	0.863657	-1.15787	0.686117	0.929847	-1.07545	0.119372	1.35333	1.35333	3.21224	1.63059	0.451217	1
cg07847101	0.831194	1.04883	1.04883	0.0407322	0.59004	-1.6948	0.135153	0.697907	-1.43286	0.504906	0.859762	-1.16311	3.21217	2.53716	0.702096	1
cg00850332	0.421827	0.756973	-1.32105	0.00266678	0.244265	-4.09391	0.55409	0.816217	-1.22516	0.856067	0.94025	-1.06355	3.21216	5.85754	1.62093	1
cg12151124	0.232174	2.61266	2.61266	0.00552192	16.3678	16.3678	0.519849	0.606512	-1.64877	0.085175	4.30059	4.30059	3.21214	29.8855	8.27014	1
cg15048099	0.0806965	0.45819	-2.1825	0.161692	0.547659	-1.82595	0.355994	0.68213	-1.466	0.0935115	0.475581	-2.10269	3.21209	8.25855	2.28541	1
cg16079865	0.336475	1.16003	1.16003	0.254932	1.19488	1.19488	0.927221	0.986409	-1.01378	0.976468	1.00443	1.00443	3.21209	1.14139	0.315861	1
cg15665849	0.514566	0.887019	-1.12737	0.00483088	1.97013	1.97013	0.102984	0.723555	-1.38206	0.167383	0.765693	-1.30601	3.21208	1.67402	0.463255	1
cg14823287	0.0218231	1.86596	1.86596	0.0128147	0.496286	-2.01497	0.0932198	1.51968	1.51968	0.264987	1.3012	1.3012	3.21207	2.613	0.723107	1
cg14858152	0.480365	0.936618	-1.06767	0.0169121	0.766477	-1.30467	0.926494	1.00846	1.00846	0.0520291	1.22355	1.22355	3.21206	0.423832	0.117289	1
cg24373540	0.0277893	0.46621	-2.14495	0.675488	1.1315	1.1315	0.629872	1.15314	1.15314	0.138554	0.626315	-1.59664	3.21201	4.38025	1.21219	1
cg14085606	0.51878	0.822178	-1.21628	0.0171182	2.38657	2.38657	0.0740057	1.81488	1.81488	0.0592001	1.89199	1.89199	3.212	4.55808	1.2614	1
cg18278744	0.612019	1.08847	1.08847	0.00984327	1.71728	1.71728	0.23261	0.812641	-1.23056	0.587227	0.913156	-1.0951	3.21199	1.39749	0.386742	1
cg07950855	0.109441	0.821588	-1.21716	0.217812	1.15717	1.15717	0.382901	0.904156	-1.106	0.017403	0.721784	-1.38546	3.21199	0.644966	0.178488	1
cg17141902	0.162953	0.605985	-1.65021	0.0882617	0.5312	-1.88253	0.0144946	0.363096	-2.75409	0.0487575	0.46908	-2.13183	3.21199	5.75451	1.59251	1
cg22049474	0.426773	0.618935	-1.61568	0.0812373	0.318932	-3.13547	0.202608	2.2151	2.2151	0.593033	0.726915	-1.37568	3.21198	17.7818	4.92095	1
cg08153079	0.0111307	0.621174	-1.60985	0.756741	0.954575	-1.04759	0.958524	0.992249	-1.00781	0.688569	0.941501	-1.06213	3.21196	1.13874	0.31514	1
cg11234017	0.488756	0.904402	-1.1057	0.00289812	0.557109	-1.79498	0.9341	1.01189	1.01189	0.161001	1.23851	1.23851	3.21196	1.0384	0.28737	1
cg24025255	0.163169	0.517821	-1.93117	0.00622718	0.206654	-4.83902	0.180677	0.533393	-1.87479	0.0728748	0.412854	-2.42216	3.21189	9.94523	2.75234	1
cg22347322	0.151491	1.15704	1.15704	0.109257	0.847253	-1.18029	0.621809	1.04833	1.04833	0.103115	1.1844	1.1844	3.21188	0.458283	0.12683	1
cg00203035	0.133447	0.790341	-1.26528	0.149178	0.798647	-1.25212	0.169708	1.2369	1.2369	0.68327	1.06144	1.06144	3.21187	1.07476	0.297442	1
cg18423469	0.303951	1.66416	1.66416	0.456424	1.4374	1.4374	0.327741	1.62137	1.62137	0.733095	0.848959	-1.17791	3.21183	11.6407	3.22162	1
cg09359114	0.733145	1.22943	1.22943	0.211928	0.452199	-2.21142	0.00118695	17.621	17.621	0.567536	1.41731	1.41731	3.21179	18.53	5.12832	1
cg01328269	0.349388	1.2369	1.2369	0.00113392	2.87745	2.87745	0.657185	0.906124	-1.1036	0.747352	0.931151	-1.07394	3.21178	2.47774	0.685737	1
cg19827650	0.070046	4.90171	4.90171	0.025137	8.0872	8.0872	0.029886	7.42833	7.42833	0.0446445	6.10611	6.10611	3.21176	31.3298	8.67086	1
cg02992856	0.102384	1.3714	1.3714	0.18562	0.780363	-1.28145	0.244592	1.23996	1.23996	0.0148837	1.69762	1.69762	3.21175	1.58807	0.439517	1
cg09861240	0.488254	0.80181	-1.24718	0.794066	1.08552	1.08552	0.158325	1.60495	1.60495	0.653701	1.15218	1.15218	3.21174	5.00562	1.38537	1
cg17114847	0.223873	0.409394	-2.44264	0.0550812	0.218688	-4.57272	0.474671	0.60162	-1.66218	0.404357	0.550826	-1.81546	3.21172	24.8472	6.87681	1
cg08301612	0.466269	0.814108	-1.22834	0.0744898	0.576256	-1.73534	0.584278	1.16564	1.16564	0.191301	1.46782	1.46782	3.21171	3.91398	1.08325	1
cg01642579	0.233936	0.438754	-2.27918	0.387072	1.79558	1.79558	0.452428	1.6576	1.6576	0.796925	0.843458	-1.1856	3.21169	22.1705	6.13607	1
cg10288995	0.623049	1.20292	1.20292	0.0479631	0.430367	-2.3236	0.0815127	2.05446	2.05446	0.265637	0.648832	-1.54123	3.21168	7.07366	1.95776	1
cg24154246	0.687897	1.08359	1.08359	0.0967718	1.43682	1.43682	0.861873	0.96597	-1.03523	0.929932	1.01764	1.01764	3.21167	2.01046	0.556434	1
cg15133790	0.834616	1.05563	1.05563	0.00628738	0.397808	-2.51377	0.918653	1.02681	1.02681	0.235382	0.724657	-1.37996	3.21166	3.41126	0.944133	1
cg02372821	0.912143	1.0201	1.0201	0.00487275	1.95995	1.95995	0.45411	0.871548	-1.14738	0.427908	0.864216	-1.15712	3.21165	1.65354	0.457649	1
cg08441455	0.353792	0.794571	-1.25854	0.0485152	1.72157	1.72157	0.00743926	0.435678	-2.29527	0.611352	1.13147	1.13147	3.21161	2.95511	0.817895	1
cg03237166	0.660596	0.849369	-1.17734	0.0719238	0.476022	-2.10074	0.0104595	0.303973	-3.28977	0.0751872	0.480917	-2.07936	3.21161	6.9442	1.92197	1
cg23219570	0.803095	1.11625	1.11625	0.859288	1.08124	1.08124	0.147645	1.98147	1.98147	0.116527	0.472029	-2.11851	3.2116	9.85602	2.7279	1
cg11780053	0.339647	1.47188	1.47188	0.320102	1.49708	1.49708	0.943325	1.02832	1.02832	0.0611189	0.436545	-2.29071	3.21158	7.8466	2.17175	1
cg19243826	0.144226	2.85398	2.85398	0.373219	0.542739	-1.84251	0.0145317	7.48314	7.48314	0.00944123	9.01914	9.01914	3.21155	22.7334	6.29213	1
cg03610970	0.488622	1.1666	1.1666	0.0583153	1.59779	1.59779	0.0196182	1.85442	1.85442	0.249494	1.30163	1.30163	3.21154	2.44019	0.675395	1
cg01120851	0.0110889	3.11719	3.11719	0.028766	2.51095	2.51095	0.0372667	2.37038	2.37038	0.762999	1.114	1.114	3.21147	6.48165	1.79402	1
cg19753867	0.584359	1.1552	1.1552	0.0988021	1.60433	1.60433	0.0017418	3.20894	3.20894	0.0541165	1.76987	1.76987	3.21146	3.46934	0.960268	1
cg06186245	0.246701	0.520157	-1.9225	0.00973096	0.17128	-5.83838	0.185834	2.13172	2.13172	0.17516	0.459311	-2.17717	3.21145	14.8089	4.09892	1
cg13875111	0.22335	0.799435	-1.25088	0.16716	0.772862	-1.29389	0.0122771	1.72583	1.72583	0.19396	1.27183	1.27183	3.21145	1.55703	0.430967	1
cg06797800	0.186004	0.784705	-1.27436	0.475914	1.13354	1.13354	0.482223	0.883823	-1.13145	0.319706	0.837113	-1.19458	3.2114	1.5206	0.420891	1
cg06991732	0.540607	0.767908	-1.30224	0.220034	0.577091	-1.73283	0.110548	2.09869	2.09869	0.577472	0.786692	-1.27115	3.21133	9.24361	2.55861	1
cg00864474	0.0980871	5.72556	5.72556	0.00576772	32.4229	32.4229	0.0212549	14.3357	14.3357	0.0305788	11.5124	11.5124	3.21128	47.0334	13.019	1
cg04120842	0.71409	1.11617	1.11617	0.287492	1.39075	1.39075	0.0330959	0.47514	-2.10465	0.124794	0.60878	-1.64263	3.21127	4.53685	1.25581	1
cg27497699	0.223821	0.839345	-1.19141	0.0338152	1.40439	1.40439	0.588683	1.07769	1.07769	0.059785	0.747456	-1.33787	3.21126	0.955138	0.264386	1
cg08938062	0.168309	0.573218	-1.74454	0.00825064	0.27787	-3.59881	0.137538	0.54541	-1.83348	0.815879	1.09244	1.09244	3.21125	7.30741	2.02272	1
cg10463708	0.152747	0.736911	-1.35702	0.0227454	0.580732	-1.72196	0.39818	0.841608	-1.1882	0.0951437	1.4413	1.4413	3.21114	2.021	0.559441	1
cg05639405	0.591709	1.059	1.059	0.00421868	0.666525	-1.50032	0.918989	1.01083	1.01083	0.0780868	1.23033	1.23033	3.21114	0.570187	0.157836	1
cg00495988	0.415903	1.49735	1.49735	0.0139293	4.37001	4.37001	0.0470686	3.01416	3.01416	0.0725505	2.6451	2.6451	3.21112	11.9872	3.31824	1
cg17272563	0.0124266	2.65086	2.65086	0.306208	1.3937	1.3937	0.0053903	3.15174	3.15174	0.0782879	1.84583	1.84583	3.21103	4.99354	1.38233	1
cg22136326	0.00636253	0.534005	-1.87264	0.49626	0.885121	-1.12979	0.17825	1.28745	1.28745	0.95838	1.00926	1.00926	3.211	1.58685	0.439282	1
cg05062889	0.162637	1.29399	1.29399	0.526733	0.895027	-1.11728	0.913264	0.981337	-1.01902	0.0446744	1.48967	1.48967	3.21099	1.52042	0.420894	1
cg04438519	0.0691838	0.760226	-1.3154	0.271971	1.1667	1.1667	0.827796	1.02981	1.02981	0.71645	0.952008	-1.05041	3.21098	0.92454	0.255939	1
cg04236382	0.639198	0.890469	-1.123	0.0516478	1.72316	1.72316	0.877447	0.962798	-1.03864	0.898616	0.969169	-1.03181	3.21096	3.06945	0.849714	1
cg02462081	0.276344	1.20369	1.20369	0.0154621	1.62646	1.62646	0.0204189	1.58011	1.58011	0.841206	1.03339	1.03339	3.21096	1.36324	0.377384	1
cg21167453	0.994041	1.00351	1.00351	0.217364	0.544294	-1.83724	0.595972	0.778184	-1.28504	0.0972063	0.426092	-2.34691	3.21092	11.1707	3.09241	1
cg21355791	0.640446	0.915574	-1.09221	0.0313585	0.622834	-1.60556	0.486115	0.87573	-1.1419	0.0417218	1.55295	1.55295	3.21087	1.78787	0.494949	1
cg20438451	0.00524988	0.568424	-1.75925	0.972551	0.994734	-1.00529	0.123487	0.774134	-1.29177	0.973619	0.994939	-1.00509	3.21085	1.19734	0.331469	1
cg00040419	0.192749	0.288126	-3.47071	0.011004	0.0561657	-17.8045	0.0174722	0.0734275	-13.6189	0.0430948	0.122349	-8.17332	3.21085	41.4373	11.4715	1
cg20022454	0.040541	0.519625	-1.92447	0.289148	1.35599	1.35599	0.26106	1.38322	1.38322	0.878693	0.958609	-1.04318	3.21085	3.89545	1.07841	1
cg05798194	0.137008	0.453112	-2.20696	0.200094	0.51226	-1.95213	0.16175	0.477871	-2.09261	0.0473017	0.325756	-3.06978	3.21083	12.4202	3.43842	1
cg10797319	0.833368	0.913727	-1.09442	0.00503585	0.204183	-4.89758	0.206426	1.76954	1.76954	0.285465	1.60819	1.60819	3.2108	9.32665	2.58202	1
cg15081027	0.236719	1.80277	1.80277	0.0244113	0.279476	-3.57813	0.598216	1.28761	1.28761	0.958794	1.02486	1.02486	3.21079	11.4909	3.18119	1
cg26218101	0.849976	0.956207	-1.0458	0.0525081	1.68436	1.68436	0.0643833	1.63463	1.63463	0.40904	1.22102	1.22102	3.21079	2.84403	0.787355	1
cg25116900	0.202172	1.51257	1.51257	0.0647969	0.528707	-1.89141	0.977374	0.991323	-1.00875	0.61274	0.854832	-1.16982	3.21075	4.80189	1.32939	1
cg15344504	0.663487	0.876588	-1.14079	0.715356	1.11649	1.11649	0.0168592	2.40424	2.40424	0.80597	0.928632	-1.07685	3.21074	4.60309	1.27436	1
cg03036557	0.186534	0.653963	-1.52914	0.0109528	0.379692	-2.63371	0.339745	0.741987	-1.34773	0.587734	0.847034	-1.18059	3.21071	4.6777	1.29503	1
cg10306780	0.0364046	0.180399	-5.54327	0.172676	0.359913	-2.77845	0.646332	1.38448	1.38448	0.62013	0.703404	-1.42166	3.2107	25.2114	6.97981	1
cg24984301	0.122362	1.25148	1.25148	0.513638	0.915071	-1.09281	0.0199552	1.45694	1.45694	0.342985	0.877307	-1.13985	3.21067	0.912875	0.252733	1
cg14564965	0.279142	0.717483	-1.39376	0.060271	0.535132	-1.8687	0.972491	1.01023	1.01023	0.585296	1.17655	1.17655	3.21063	4.42706	1.22566	1
cg24866363	?	?	?	0.0885964	0.28935	-3.45602	0.679225	0.759947	-1.31588	0.174925	0.385798	-2.59203	3.25585	19.9751	6.13513	1
cg08188318	0.125597	0.261727	-3.82077	0.0241102	0.113605	-8.80247	0.0578592	0.176556	-5.66391	0.194728	0.329806	-3.03209	3.2106	33.2528	9.20639	1
cg12361772	0.579135	0.83371	-1.19946	0.492887	1.25366	1.25366	0.672512	1.14799	1.14799	0.0515536	0.487062	-2.05313	3.21056	5.35804	1.48345	1
cg00222982	0.0471378	1.16318	1.16318	0.0583569	0.867333	-1.15296	0.0929651	1.13087	1.13087	0.698091	1.02628	1.02628	3.25577	0.202933	0.0623302	1
cg19163348	0.0666652	0.744464	-1.34325	0.0744558	0.751861	-1.33003	0.183869	0.816832	-1.22424	0.420003	0.888485	-1.12551	3.21052	1.04718	0.289929	1
cg13093380	0.215515	0.593052	-1.68619	0.0109595	0.278169	-3.59493	0.0810374	0.460562	-2.17126	0.211401	0.589967	-1.69501	3.21052	8.16788	2.26142	1
cg26608199	0.763227	0.926293	-1.07957	0.767545	1.07801	1.07801	0.124839	0.656356	-1.52356	0.0314102	0.527467	-1.89585	3.2105	3.26554	0.90413	1
cg02645368	0.954663	0.97899	-1.02146	0.952234	1.02262	1.02262	0.790674	0.905421	-1.10446	0.127102	1.8519	1.8519	3.21048	7.09209	1.96359	1
cg06381463	0.367303	0.692359	-1.44434	0.655286	0.836623	-1.19528	0.0826567	0.466252	-2.14476	0.832161	1.0879	1.0879	3.21048	8.01339	2.21867	1
cg12721603	0.028721	2.39152	2.39152	0.247692	1.50447	1.50447	0.560867	1.21985	1.21985	0.720732	1.12898	1.12898	3.21045	5.80737	1.60791	1
cg27168443	0.0772479	1.75188	1.75188	0.13474	0.631121	-1.58448	0.0110023	2.48556	2.48556	0.073595	1.76707	1.76707	3.21043	4.14235	1.14691	1
cg19319808	0.195538	0.416012	-2.40377	0.0144486	0.144985	-6.89728	0.0184832	0.160318	-6.2376	0.140467	0.362062	-2.76195	3.21039	20.8705	5.7786	1
cg25301532	0.537813	1.58458	1.58458	0.00486514	15.7163	15.7163	0.0140663	9.36303	9.36303	0.277836	2.29951	2.29951	3.21036	27.6828	7.66484	1
cg00718831	0.504962	1.14637	1.14637	0.535425	1.13511	1.13511	0.280863	1.25399	1.25399	0.441851	0.85355	-1.17158	3.21031	2.07305	0.573998	1
cg13838014	0.0533069	0.277369	-3.6053	0.00504642	0.114607	-8.7255	0.0494554	0.269926	-3.70472	0.0520134	0.274909	-3.63757	3.21029	17.3501	4.80403	1
cg14223181	0.0269705	8.38624	8.38624	0.307215	0.423933	-2.35886	0.500434	0.573911	-1.74243	0.53483	1.6658	1.6658	3.21026	33.5135	9.27956	1
cg03176996	0.993786	1.00246	1.00246	0.940856	0.976842	-1.02371	0.715894	0.890992	-1.12234	0.080131	1.84608	1.84608	3.21025	5.06968	1.40375	1
cg03166323	0.577335	1.36875	1.36875	0.514364	0.691646	-1.44583	0.884519	0.922164	-1.08441	0.672264	0.788792	-1.26776	3.21025	15.8061	4.37658	1
cg12850822	0.695369	0.840897	-1.18921	0.0670516	0.405001	-2.46913	0.0275359	0.317375	-3.15084	0.363373	0.662763	-1.50884	3.21025	9.85824	2.72966	1
cg00534274	0.0855527	0.384392	-2.60151	0.367759	1.59271	1.59271	0.892363	0.934157	-1.07048	0.358011	1.60886	1.60886	3.21024	12.8679	3.563	1
cg23254031	0.705723	1.06646	1.06646	0.0102438	0.577543	-1.73147	0.577581	1.10013	1.10013	0.00876711	1.76168	1.76168	3.21023	1.46284	0.405049	1
cg15851278	0.475293	0.863093	-1.15862	0.0632312	1.52761	1.52761	0.217065	1.30134	1.30134	0.072486	1.50147	1.50147	3.21022	2.09121	0.579042	1
cg02936468	0.114795	0.846878	-1.18081	0.013649	0.744047	-1.344	0.193988	1.14245	1.14245	0.42835	1.08151	1.08151	3.21009	0.477493	0.13222	1
cg03341413	0.229493	2.4893	2.4893	0.00609124	13.3283	13.3283	0.0525864	4.923	4.923	0.0759272	4.17278	4.17278	3.21006	26.5959	7.36461	1
cg23303246	0.45662	1.19917	1.19917	0.00160784	2.95591	2.95591	0.532912	1.16336	1.16336	0.945517	1.01651	1.01651	3.21004	2.91803	0.808028	1
cg03276422	0.560733	1.08117	1.08117	0.186885	0.830594	-1.20396	0.679031	0.946292	-1.05676	0.233756	1.18013	1.18013	3.21003	0.894877	0.2478	1
cg00521598	0.0660524	1.64761	1.64761	0.0432786	0.569536	-1.75582	0.0498127	0.581705	-1.71908	0.336724	1.27106	1.27106	3.21002	2.98112	0.825506	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23296475	LMTK2;LMTK2	0.0575424	0.998317	0.999501	-1.0005	0.00353826	0.392283	-2.54918	0.60419	1.13176	1.13176	0.265747	1.31585	1.31585	0.692134	1.09877	1.09877	0.0348827	1.78953	1.78953	0.547829	0.865934	-1.15482	0.807198	1.05958	1.05958	0.448359	1.20066	1.20066	3.21	2.84798	0.788642	1
cg14702215	FRMD4A	0.0575434	0.339774	0.851343	-1.17461	0.0810798	1.37215	1.37215	0.182579	1.26034	1.26034	0.0809386	0.728652	-1.3724	0.277796	0.831422	-1.20276	0.0198225	1.58431	1.58431	0.0687653	1.39543	1.39543	0.6494	0.927869	-1.07774	0.198882	1.24866	1.24866	3.20998	1.36036	0.376702	1
cg27370696	AGPAT1;RNF5;RNF5P1	0.0575447	0.932927	0.988896	-1.01123	0.45594	1.10598	1.10598	0.0426172	1.36296	1.36296	0.522971	1.08968	1.08968	0.92387	0.9874	-1.01276	0.348438	0.879804	-1.13662	0.00535973	0.614777	-1.62661	0.294499	1.15515	1.15515	0.138333	1.23574	1.23574	3.20995	0.894656	0.247745	1
cg10635122	ZNF577;ZNF577;ZNF577;ZNF577	0.0575449	0.877115	1.0295	1.0295	0.795638	0.952407	-1.04997	0.00737075	1.91317	1.91317	0.103007	0.715268	-1.39808	0.612712	1.10065	1.10065	0.11847	1.37496	1.37496	0.796486	1.04975	1.04975	0.905366	0.977904	-1.0226	0.0339552	0.628076	-1.59216	3.20995	1.79442	0.496906	1
cg20277740	NPHP4	0.0575454	0.560875	0.820477	-1.2188	0.439387	0.766922	-1.30391	0.166327	0.608577	-1.64318	0.521245	0.803502	-1.24455	0.00172433	0.222075	-4.50299	0.0559188	0.482528	-2.07242	0.167937	0.609872	-1.63969	0.408649	1.32894	1.32894	0.342257	0.71945	-1.38995	3.20994	5.75647	1.59407	1
cg12835313	CACNA2D3	0.0575475	0.168911	0.568078	-1.76032	0.697811	1.16245	1.16245	0.0753402	0.465852	-2.14661	0.392105	1.4025	1.4025	0.005514	0.244774	-4.08541	0.281576	1.53994	1.53994	0.0660961	0.451413	-2.21527	0.781986	0.898503	-1.11296	0.124848	0.526777	-1.89834	3.20989	7.56678	2.09541	1
cg23094620	RTN4RL1	0.057548	0.134386	1.79809	1.79809	0.436752	0.74949	-1.33424	0.192601	0.605784	-1.65075	0.116421	1.85908	1.85908	0.00490711	0.257995	-3.87605	0.565465	1.23513	1.23513	0.802391	0.912889	-1.09542	0.42387	1.34565	1.34565	0.253882	1.54199	1.54199	3.20988	6.71623	1.85988	1
cg23371800	PDE3A	0.0575486	0.233208	0.521264	-1.91841	0.625172	0.77366	-1.29256	0.0961159	0.385805	-2.59199	0.54644	0.727516	-1.37454	0.00311789	0.12159	-8.22433	0.766087	0.855987	-1.16824	0.0171262	0.219922	-4.54706	0.79017	1.14913	1.14913	0.0965625	0.386392	-2.58804	3.20987	13.8106	3.82449	1
cg07744623	SNX21;SNX21;SNX21;SNX21	0.0575502	0.387755	0.896909	-1.11494	0.45276	1.09857	1.09857	0.306102	1.13909	1.13909	0.757564	1.03879	1.03879	0.0879791	1.26039	1.26039	0.174213	0.837234	-1.19441	0.0242234	0.718779	-1.39125	0.030054	1.36835	1.36835	0.107754	1.24074	1.24074	3.20983	0.767896	0.212651	1
cg03923934	OPCML;OPCML	0.0575505	0.437338	1.07487	1.07487	0.0756581	0.835114	-1.19744	0.835492	1.01913	1.01913	0.133472	1.15893	1.15893	0.0888571	1.18651	1.18651	0.421557	1.07769	1.07769	0.00914645	0.739578	-1.35212	0.305017	1.10163	1.10163	0.346403	0.915433	-1.09238	3.20982	0.42213	0.116899	1
cg24678611	TP73;WDR8	0.0575511	0.0280349	5.07019	5.07019	0.621667	1.36502	1.36502	0.992796	0.994368	-1.00566	0.330602	1.87384	1.87384	0.308411	0.517123	-1.93378	0.176487	0.407033	-2.4568	0.235638	0.459563	-2.17598	0.0313593	4.853	4.853	0.0255704	5.25624	5.25624	3.20981	19.8929	5.5089	1
cg00460690	PLEKHA7	0.0575519	0.270128	0.674091	-1.48348	0.168055	0.603756	-1.6563	0.116058	0.556197	-1.79792	0.539289	0.807774	-1.23797	0.00686366	0.300483	-3.32797	0.744881	0.893916	-1.11867	0.892169	1.04769	1.04769	0.0406386	0.444022	-2.25214	0.00888128	0.318637	-3.13837	3.20979	5.99699	1.66075	1
cg25230708	CCDC51	0.0575526	0.0733641	0.796015	-1.25626	0.131182	1.20468	1.20468	0.0856488	1.24244	1.24244	0.777913	1.03284	1.03284	0.0790991	0.800302	-1.24953	0.102789	0.815498	-1.22624	0.0454524	0.769395	-1.29972	0.166441	1.18363	1.18363	0.861928	1.02009	1.02009	3.20978	0.663718	0.183804	1
cg17826893	CLYBL	0.0575531	0.0455241	0.233931	-4.27476	0.65933	0.755006	-1.32449	0.173378	0.399455	-2.50341	0.160561	0.386918	-2.58453	0.00154722	0.0559141	-17.8846	0.509681	0.654634	-1.52757	0.383374	0.567658	-1.76163	0.839167	1.13739	1.13739	0.180042	0.405799	-2.46427	3.20977	20.3994	5.64925	1
cg17102984	STK31;STK31;STK31;STK31;STK31	0.0575536	0.0197217	0.689349	-1.45064	0.80717	1.03283	1.03283	0.726135	1.04755	1.04755	0.90874	0.984967	-1.01526	0.481874	1.09903	1.09903	0.516491	0.916776	-1.09078	0.0043632	1.65372	1.65372	0.422873	0.897506	-1.1142	0.609983	1.07032	1.07032	3.20976	0.887033	0.245649	1
cg23147227	PTPN6;PTPN6;PTPN6	0.0575576	0.0635924	0.34697	-2.88209	0.145437	0.452309	-2.21088	0.0147152	0.217875	-4.58978	0.0233741	0.252855	-3.95483	0.00711837	0.171298	-5.83777	0.343028	0.609096	-1.64178	0.195854	0.499466	-2.00214	0.106042	0.408234	-2.44958	0.190692	0.494975	-2.0203	3.20967	13.0939	3.62623	1
cg06958937	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0575595	0.347091	0.655976	-1.52444	0.347603	1.52372	1.52372	0.920825	1.04425	1.04425	0.218703	0.569284	-1.75659	0.0049836	0.198166	-5.04628	0.0117455	0.253922	-3.93822	0.46416	0.722918	-1.38328	0.500717	1.34669	1.34669	0.601692	0.795053	-1.25778	3.20963	9.64057	2.6699	1
cg01976992	PNPLA1;PNPLA1;PNPLA1	0.0575602	0.875773	1.04769	1.04769	0.6587	0.876001	-1.14155	0.191881	0.662694	-1.50899	0.860664	1.05372	1.05372	0.0104678	0.383015	-2.61086	0.233073	0.68909	-1.45119	0.504207	1.22366	1.22366	0.0111126	0.387475	-2.58081	0.0305404	0.469093	-2.13178	3.20961	4.50876	1.24868	1
cg12078872	DDO;DDO	0.0575643	0.302684	0.822495	-1.21581	0.571122	1.11045	1.11045	0.0225261	0.606477	-1.64887	0.751862	1.05977	1.05977	0.010325	0.553546	-1.80653	0.391248	1.17442	1.17442	0.0195967	0.596799	-1.67561	0.948459	1.0119	1.0119	0.638616	0.917066	-1.09043	3.20953	1.70278	0.471589	1
cg00560724	GCNT2;GCNT2;GCNT2	0.0575659	0.525149	0.777353	-1.28642	0.0100994	0.280964	-3.55917	0.00617156	0.247304	-4.04361	0.359619	0.691833	-1.44544	0.690426	0.855057	-1.16951	0.0181323	0.325514	-3.07207	0.177427	0.57083	-1.75184	0.267672	0.636585	-1.57088	0.465422	0.74784	-1.33719	3.20949	7.77671	2.15381	1
cg18646828	SNORD114-31	0.0575669	0.0157488	0.129809	-7.70364	0.524134	0.640568	-1.56111	0.073685	0.252659	-3.95791	0.145751	0.340398	-2.93774	0.192294	0.385886	-2.59144	0.883399	0.903701	-1.10656	0.00568402	0.0818504	-12.2174	0.252253	0.438158	-2.28228	0.0281001	0.167034	-5.98682	3.20947	24.1986	6.70201	1
cg06520331	LOC100188947;HECTD2;HECTD2	0.0575676	0.0303335	0.201725	-4.95724	0.490075	0.643493	-1.55402	0.698148	1.27769	1.27769	0.519346	0.663164	-1.50792	0.0217177	0.17683	-5.65515	0.352796	0.54815	-1.82432	0.00563952	0.101846	-9.81879	0.0451717	0.235734	-4.24207	0.319298	0.523531	-1.9101	3.20945	20.0977	5.56626	1
cg07810168	DDN	0.057569	0.227691	0.664961	-1.50385	0.0275639	2.31547	2.31547	0.375704	1.34036	1.34036	0.525011	0.812571	-1.23066	0.740556	0.898463	-1.11301	0.124497	0.58513	-1.70902	0.57772	0.834255	-1.19867	0.00778508	3.00712	3.00712	0.49967	1.24705	1.24705	3.20942	5.27745	1.46165	1
cg11660413	NAA15	0.0575715	0.186258	1.43426	1.43426	0.254931	1.35788	1.35788	0.179021	1.44398	1.44398	0.836425	0.948181	-1.05465	0.00873093	0.423195	-2.36298	0.851692	1.04935	1.04935	0.170125	0.686573	-1.45651	0.0403276	1.83972	1.83972	0.613082	1.14024	1.14024	3.20937	3.367	0.932548	1
ch.1.95724F	PANK4	0.0575737	0.0244262	0.505444	-1.97846	0.0302469	0.522945	-1.91225	0.290189	1.32225	1.32225	0.264345	0.743758	-1.34452	0.133363	0.662323	-1.50984	0.776312	0.930079	-1.07518	0.347873	0.78197	-1.27882	0.756287	0.923838	-1.08244	0.0310183	1.90461	1.90461	3.20932	3.29111	0.911543	1
cg07148452	KIF7	0.0575738	0.701444	1.05243	1.05243	0.0118941	0.659382	-1.51657	0.511182	0.915397	-1.09242	0.954274	0.992422	-1.00764	0.548215	1.08393	1.08393	0.809964	1.03247	1.03247	0.00654042	1.59785	1.59785	0.411358	0.894554	-1.11788	0.547391	0.922409	-1.08412	3.20932	0.894409	0.247725	1
cg15396734	FAM90A13;FAM90A14	0.0575738	0.0569093	0.459414	-2.17669	0.141994	0.565582	-1.76809	0.0126715	0.326762	-3.06033	0.151204	0.573951	-1.74231	0.0305246	0.399473	-2.5033	0.376025	0.7204	-1.38812	0.205617	0.617539	-1.61933	0.0747131	0.488394	-2.04753	0.00839045	0.296544	-3.37218	3.20932	6.62343	1.8345	1
cg00986320	CYFIP2;CYFIP2;CYFIP2	0.0575739	0.0880152	0.44386	-2.25296	0.00218528	0.15659	-6.38612	0.0741346	0.423763	-2.35981	0.727204	0.859765	-1.16311	0.0458729	0.372561	-2.68412	0.261315	0.603265	-1.65764	0.642182	0.817192	-1.2237	0.244556	0.591434	-1.69081	0.822707	1.10166	1.10166	3.20932	9.46085	2.62039	1
cg24360225	CRYGA	0.0575746	0.576922	0.907347	-1.10211	0.0685166	0.703422	-1.42162	0.0559293	0.688267	-1.45293	0.0710104	0.706131	-1.41617	0.657134	0.925826	-1.08012	0.356736	0.849146	-1.17765	0.0763102	1.40524	1.40524	0.0530174	1.46127	1.46127	0.207651	1.25761	1.25761	3.2093	1.51274	0.418989	1
cg01016660	KIAA1543;KIAA1543	0.057576	0.326689	0.876039	-1.1415	0.161437	1.21586	1.21586	0.0242197	1.42072	1.42072	0.0979479	0.788773	-1.26779	0.97	0.995097	-1.00493	0.940409	0.990276	-1.00982	0.0874972	0.781492	-1.2796	0.195464	1.19596	1.19596	0.0385265	1.36791	1.36791	3.20927	0.868268	0.240489	1
cg07306190	UHRF1BP1	0.0575762	0.0530581	0.41374	-2.41698	0.132799	0.521456	-1.91771	0.531814	1.28951	1.28951	0.125474	0.513899	-1.94591	0.063737	0.43311	-2.30888	0.0765745	0.453463	-2.20525	0.013704	0.294128	-3.39988	0.0187251	0.318603	-3.1387	0.082123	0.461497	-2.16686	3.20927	8.19241	2.2691	1
cg02204578	CHCHD3	0.0575772	0.376619	0.887006	-1.12739	0.7764	0.963068	-1.03835	0.0734002	1.30189	1.30189	0.133385	1.23858	1.23858	0.00632429	0.625076	-1.59981	0.20551	0.83819	-1.19305	0.363793	1.13127	1.13127	0.714426	1.04977	1.04977	0.245155	1.17428	1.17428	3.20925	0.887702	0.245874	1
cg06745511	CLNK	0.0575798	0.398809	0.566402	-1.76553	0.191543	0.402569	-2.48404	0.0895271	0.291744	-3.42766	0.745749	1.23875	1.23875	0.185537	2.51888	2.51888	0.435368	1.68829	1.68829	0.0756351	0.272163	-3.67427	0.00830678	9.20983	9.20983	0.598428	0.704875	-1.41869	3.20919	22.01	6.09638	1
cg26401253	DCUN1D4;DCUN1D4	0.0575802	0.0879032	0.514884	-1.94219	0.0203884	2.6782	2.6782	0.107506	1.85724	1.85724	0.469136	1.29637	1.29637	0.427773	1.33022	1.33022	0.805257	0.916621	-1.09096	0.451222	0.762971	-1.31067	0.0266345	2.52421	2.52421	0.0538203	2.16326	2.16326	3.20918	6.31337	1.7487	1
cg06937051	ZC3H3	0.0575815	0.0172238	0.331305	-3.01837	0.0236676	0.357623	-2.79624	0.0235991	0.357375	-2.79818	0.10515	0.509661	-1.96209	0.0271055	0.369391	-2.70716	0.0739875	0.468592	-2.13405	0.10406	0.508384	-1.96702	0.129351	0.5359	-1.86602	0.0697017	0.462001	-2.1645	3.20915	7.36495	2.03998	1
cg15994182	PROM2;PROM2;PROM2	0.057585	0.643627	1.11741	1.11741	0.00698167	0.4354	-2.29674	0.740506	0.923856	-1.08242	0.954521	0.986501	-1.01368	0.121668	0.670429	-1.49158	0.41243	1.22103	1.22103	0.163692	1.42502	1.42502	0.514823	0.854369	-1.17045	0.019823	0.511545	-1.95486	3.20908	2.88607	0.799419	1
cg07343474	TXN2	0.0575856	0.263003	0.701769	-1.42497	0.162011	1.57322	1.57322	0.371772	1.32089	1.32089	0.00536714	0.328678	-3.04249	0.0214134	0.432185	-2.31382	0.804307	0.927426	-1.07825	0.246192	0.692082	-1.44492	0.553167	0.833552	-1.19969	0.92156	0.970551	-1.03034	3.20906	4.68099	1.2966	1
cg08879559	SPARC;SPARC	0.0575872	0.061371	0.335578	-2.97993	0.00907685	0.179496	-5.57115	0.0174679	0.22341	-4.47608	0.0690661	0.348607	-2.86856	0.0531789	0.320453	-3.12058	0.207703	0.502475	-1.99015	0.0886953	0.378025	-2.64533	0.0729317	0.354793	-2.81855	0.0707314	0.351299	-2.84658	3.20903	13.6392	3.77802	1
cg25503799	WNT9B	0.0575885	0.186497	0.512635	-1.95071	0.0234698	0.27489	-3.63782	0.0127711	0.228547	-4.37547	0.919409	0.952859	-1.04947	0.0214493	0.267557	-3.73752	0.142432	0.471269	-2.12193	0.0398927	0.321954	-3.10604	0.0411232	0.324866	-3.07819	0.315518	0.609462	-1.64079	3.209	11.5704	3.20498	1
cg09723155	C17orf90;CCDC137	0.0575886	0.757525	1.04835	1.04835	0.0302829	1.47448	1.47448	0.0308541	1.47186	1.47186	0.123001	0.775108	-1.29014	0.786824	0.959515	-1.04219	0.182939	1.24043	1.24043	0.168571	1.25066	1.25066	0.0191711	1.54048	1.54048	0.115202	1.29838	1.29838	3.209	1.18135	0.327234	1
cg21626253	GGN;GGN	0.0575888	0.741564	0.91895	-1.0882	0.658033	0.89246	-1.1205	0.573462	1.15637	1.15637	0.503299	0.840733	-1.18944	0.561334	1.16184	1.16184	0.343514	0.779402	-1.28303	0.00131888	0.303145	-3.29876	0.307372	1.3098	1.3098	0.672042	1.11489	1.11489	3.209	3.31529	0.918331	1
cg22282174	MCM2	0.057589	0.449439	0.762051	-1.31225	0.131507	0.56325	-1.77541	0.00987167	0.316766	-3.15691	0.976247	1.01055	1.01055	0.0729916	0.494079	-2.02397	0.0153824	0.350432	-2.85362	0.514058	0.791912	-1.26277	0.790409	0.910358	-1.09847	0.0152054	0.34952	-2.86107	3.20899	6.31764	1.74998	1
cg05612422	MOV10L1;MOV10L1;MOV10L1	0.0575911	0.506985	0.751505	-1.33066	0.0151279	0.28179	-3.54874	0.107116	0.474079	-2.10935	0.119263	2.04914	2.04914	0.0220667	0.31193	-3.20585	0.641651	0.819641	-1.22005	0.163631	0.53215	-1.87917	0.452279	1.38395	1.38395	0.329727	1.53239	1.53239	3.20895	9.15176	2.53507	1
cg12222398	D2HGDH	0.057592	0.279217	1.14032	1.14032	0.659294	1.05315	1.05315	0.0198256	1.38861	1.38861	0.0285591	0.739681	-1.35193	0.163901	0.840818	-1.18932	0.901502	0.985653	-1.01456	0.822366	0.974097	-1.02659	0.151325	0.835728	-1.19656	0.0602996	0.780918	-1.28054	3.20893	0.692314	0.191775	1
cg26133068	SLC2A11;SLC2A11;SLC2A11	0.0575925	0.263789	0.627589	-1.5934	0.987925	0.993966	-1.00607	0.0327902	2.7149	2.7149	0.0130871	3.42426	3.42426	0.586145	0.802633	-1.2459	0.300622	1.53565	1.53565	0.727645	0.869509	-1.15007	0.0621415	0.431773	-2.31603	0.248544	0.617303	-1.61995	3.20891	8.12872	2.2517	1
cg17300047	RCBTB2	0.0575931	0.643103	0.912164	-1.09629	0.256395	0.791832	-1.26289	0.14193	0.732636	-1.36493	0.0449054	0.635396	-1.57382	0.0160788	0.559672	-1.78676	0.506679	0.875695	-1.14195	0.908799	1.02283	1.02283	0.100595	1.42528	1.42528	0.0177225	0.566542	-1.76509	3.2089	1.97282	0.546485	1
cg13920312	SELL;SELL	0.0575962	0.615364	0.885834	-1.12888	0.019261	0.507891	-1.96892	0.0721306	0.618592	-1.61657	0.788691	1.06639	1.06639	0.0610719	0.603441	-1.65716	0.0500381	0.585828	-1.70699	0.0404629	1.76173	1.76173	0.913582	0.974358	-1.02632	0.644321	0.894719	-1.11767	3.20883	2.91014	0.806146	1
cg24886414	ZNF600	0.0575989	0.0757347	3.91383	3.91383	0.0115876	8.83546	8.83546	0.0803291	3.81563	3.81563	0.676966	1.33537	1.33537	0.3727	1.88085	1.88085	0.285895	2.14911	2.14911	0.188698	2.61513	2.61513	0.00908855	9.85642	9.85642	0.0213673	6.74677	6.74677	3.20878	24.2154	6.7081	1
cg24690882	SNORD115-35	0.0576015	0.138008	0.575261	-1.73834	0.46273	0.771979	-1.29537	0.786926	0.910465	-1.09834	0.312719	0.696613	-1.43552	0.0176463	0.368104	-2.71662	0.357033	1.38812	1.38812	0.080365	1.95721	1.95721	0.84914	0.936199	-1.06815	0.011988	0.337857	-2.95984	3.20872	6.09115	1.68739	1
cg12623735	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2E	0.0576018	0.159117	0.657529	-1.52085	0.327565	0.754596	-1.32521	0.160778	0.658771	-1.51798	0.853042	1.05302	1.05302	0.0552895	1.83182	1.83182	0.0347006	1.98566	1.98566	0.018438	2.21776	2.21776	0.318746	1.33255	1.33255	0.92231	0.973188	-1.02755	3.20871	3.94474	1.09279	1
cg00530492	HCG9	0.0576034	0.0760549	24.5831	24.5831	0.040462	46.4581	46.4581	0.047228	39.7568	39.7568	0.169744	10.7219	10.7219	0.0642272	29.1646	29.1646	0.109219	16.996	16.996	0.0101746	191.864	191.864	0.0245423	77.0584	77.0584	0.0530371	35.373	35.373	3.20868	133.702	37.039	1
cg17182946	TSNARE1	0.0576043	0.139197	0.681908	-1.46647	0.615519	0.885318	-1.12954	0.324477	1.27733	1.27733	0.0946341	0.642799	-1.5557	0.0178838	0.500394	-1.99843	0.0408392	0.566721	-1.76454	0.774524	0.933242	-1.07153	0.191388	1.39478	1.39478	0.0302347	0.54177	-1.8458	3.20866	2.94065	0.814644	1
cg25895948	ALPK3	0.0576048	0.0726373	14.4369	14.4369	0.0921285	11.8391	11.8391	0.179799	6.67976	6.67976	0.109248	10.2572	10.2572	0.0293103	30.6397	30.6397	0.0450023	21.4679	21.4679	0.0116964	66.6465	66.6465	0.0245908	35.4746	35.4746	0.0483809	20.2194	20.2194	3.20865	90.3011	25.016	1
cg20919615	CDC25C;CDC25C	0.0576048	0.132435	0.818406	-1.22189	0.0489376	1.31984	1.31984	0.0260463	1.3854	1.3854	0.0648658	0.774219	-1.29162	0.411009	1.10933	1.10933	0.0820853	1.26841	1.26841	0.950997	1.00761	1.00761	0.721019	0.956708	-1.04525	0.147839	1.21123	1.21123	3.20865	0.774161	0.214465	1
cg14549295	ETFA;ETFA	0.0576053	0.050491	0.638633	-1.56584	0.189348	1.32274	1.32274	0.0947525	1.4469	1.4469	0.709194	0.927404	-1.07828	0.0524389	0.64166	-1.55846	0.0585822	0.650606	-1.53703	0.591	1.11532	1.11532	0.140516	0.7269	-1.3757	0.0630225	0.656579	-1.52305	3.20864	2.05672	0.569773	1
cg12922648	GTF2H4	0.0576056	0.458073	0.886243	-1.12836	0.806653	0.961567	-1.03997	0.0517539	0.702018	-1.42446	0.465446	1.12606	1.12606	0.0381782	0.681133	-1.46814	0.0245968	0.651901	-1.53398	0.103502	1.32921	1.32921	0.236034	1.21952	1.21952	0.121275	0.764526	-1.308	3.20863	1.29807	0.359606	1
cg18362495	COL6A1	0.057606	0.741195	0.917627	-1.08977	0.00120442	3.42141	3.42141	0.167435	1.46473	1.46473	0.504484	0.838893	-1.19205	0.885294	1.03815	1.03815	0.631715	1.13344	1.13344	0.677398	0.897169	-1.11462	0.30289	1.3189	1.3189	0.947073	1.01737	1.01737	3.20862	3.41865	0.947073	1
cg26161895	FNIP2	0.0576072	0.00357677	0.24023	-4.16268	0.373069	0.718577	-1.39164	0.334819	0.698044	-1.43257	0.948397	0.976879	-1.02367	0.0245279	0.379781	-2.6331	0.111071	0.533994	-1.87268	0.0316881	0.40242	-2.48497	0.296068	0.675988	-1.47932	0.117452	0.540891	-1.8488	3.2086	6.63759	1.83884	1
cg02024579	LPHN1;LPHN1	0.0576077	0.294866	0.588689	-1.69869	0.175478	2.01913	2.01913	0.57497	1.31828	1.31828	0.755932	1.16424	1.16424	0.050291	0.336771	-2.96938	0.116899	0.435703	-2.29514	0.0126678	0.220613	-4.53283	0.0913419	2.47657	2.47657	0.288567	0.584298	-1.71146	3.20859	12.0884	3.3489	1
cg04170174	LMF1	0.0576079	0.385677	1.3662	1.3662	0.019702	2.68671	2.68671	0.0685383	2.04502	2.04502	0.291076	1.46872	1.46872	0.550806	1.23586	1.23586	0.418914	1.33614	1.33614	0.0485079	0.453485	-2.20514	0.0701536	2.03463	2.03463	0.0322497	2.41052	2.41052	3.20858	6.25565	1.73303	1
cg25293251	GOLGA5	0.0576089	0.0927994	2.25633	2.25633	0.132568	0.489631	-2.04236	0.20987	1.78865	1.78865	0.0164559	3.6316	3.6316	0.318614	0.635382	-1.57386	0.361747	0.661996	-1.51058	0.253318	0.591595	-1.69035	0.760759	1.14382	1.14382	0.0428429	2.78885	2.78885	3.20856	9.83796	2.72548	1
cg08199003	DHX32	0.0576095	0.013935	0.387392	-2.58137	0.0114313	0.372247	-2.68639	0.0220675	0.424382	-2.35636	0.17083	0.634245	-1.57668	0.0453629	0.488368	-2.04764	0.315901	0.723433	-1.3823	0.978595	0.991659	-1.00841	0.497495	0.806503	-1.23992	0.0901534	0.558169	-1.79157	3.20855	4.95345	1.37229	1
cg02248565	LRCH1;LRCH1;LRCH1	0.0576095	0.0697103	0.691896	-1.4453	0.114231	1.3661	1.3661	0.119183	1.35942	1.35942	0.0194816	0.598838	-1.6699	0.219325	0.790927	-1.26434	0.400385	0.8553	-1.16918	0.397176	0.854345	-1.17049	0.91793	0.981459	-1.01889	0.0343741	0.638829	-1.56536	3.20855	1.67541	0.464152	1
cg19518845	NMNAT2	0.0576098	0.434802	1.5262	1.5262	0.0665177	2.97931	2.97931	0.00501356	7.16935	7.16935	0.509178	1.42658	1.42658	0.101724	0.386544	-2.58703	0.617799	1.3059	1.3059	0.0501973	3.26911	3.26911	0.733526	0.834187	-1.19877	0.87346	0.918914	-1.08824	3.20854	14.3039	3.96274	1
cg09619271	IGFBP3;IGFBP3	0.05761	0.451999	1.14587	1.14587	0.967368	0.992757	-1.0073	0.220203	0.795279	-1.25742	0.957929	1.00942	1.00942	0.655861	1.08297	1.08297	0.167385	0.769875	-1.29891	0.825713	1.03997	1.03997	0.0130514	0.57855	-1.72846	0.0105785	1.77074	1.77074	3.20854	1.60464	0.444548	1
cg04206644	INTS6;INTS6;INTS6	0.0576101	0.206648	0.793788	-1.25978	0.151284	0.765964	-1.30554	0.0415538	0.66534	-1.50299	0.767472	1.05276	1.05276	0.811564	0.959434	-1.04228	0.0280805	0.637764	-1.56798	0.00298392	0.493444	-2.02657	0.374267	0.853737	-1.17132	0.434162	0.870778	-1.1484	3.20853	1.5277	0.423234	1
cg16430332	C2orf74;C2orf74	0.0576106	0.359442	0.702011	-1.42448	0.29302	0.663916	-1.50621	0.542825	0.793505	-1.26023	0.295952	1.50221	1.50221	0.00557546	0.254876	-3.92347	0.150257	1.78434	1.78434	0.468944	0.758309	-1.31872	0.695793	0.862821	-1.15899	0.0215143	0.354576	-2.82027	3.20852	7.16458	1.98488	1
cg19753476	CHRNE;C17orf107	0.0576111	0.34621	1.51253	1.51253	0.00375291	5.30641	5.30641	0.0921064	2.20537	2.20537	0.547328	1.29661	1.29661	0.170693	1.8632	1.8632	0.0884169	2.22966	2.22966	0.0106209	3.93725	3.93725	0.170073	1.8651	1.8651	0.580518	1.26883	1.26883	3.20851	9.24598	2.56151	1
cg23434193	TCEB1	0.0576114	0.127305	0.81977	-1.21986	0.00188181	1.70088	1.70088	0.281231	1.14451	1.14451	0.761037	0.963906	-1.03745	0.614564	0.940639	-1.06311	0.769175	1.0361	1.0361	0.526845	0.925632	-1.08034	0.554972	0.930564	-1.07462	0.870759	0.980568	-1.01982	3.20851	0.738104	0.204485	1
cg06694589	CNNM2;CNNM2	0.0576123	0.372277	1.3335	1.3335	0.0692634	0.52804	-1.8938	0.152675	0.617999	-1.61813	0.960901	1.01552	1.01552	0.00289759	0.276234	-3.62011	0.317356	0.722705	-1.38369	0.490354	1.24624	1.24624	0.547817	0.826056	-1.21057	0.0940634	0.560795	-1.78318	3.20849	5.01633	1.38974	1
cg26372517	TFAP2E;TFAP2E	0.0576123	0.0406448	0.312104	-3.20406	0.0988354	0.410033	-2.43883	0.806946	1.12818	1.12818	0.145839	0.463376	-2.15807	0.0193515	0.248271	-4.02786	0.874951	0.92535	-1.08067	0.00934421	0.197118	-5.07311	0.0356169	0.299731	-3.33632	0.283689	0.57771	-1.73097	3.20849	12.3317	3.41642	1
cg12037324	NXPH2	0.0576135	0.37549	0.764801	-1.30753	0.0958598	0.583218	-1.71462	0.118854	0.607107	-1.64716	0.441743	0.793544	-1.26017	0.00190064	0.273333	-3.65854	0.0867952	0.572582	-1.74648	0.456257	0.799564	-1.25068	0.383071	1.30173	1.30173	0.374522	0.764363	-1.30828	3.20846	4.41625	1.2235	1
cg13754879	GUF1	0.057614	0.687971	0.930456	-1.07474	0.310636	0.829194	-1.20599	0.100039	1.37954	1.37954	0.870038	0.971188	-1.02967	0.101656	1.37705	1.37705	0.0188975	0.601916	-1.66136	0.123013	1.3476	1.3476	0.0596733	1.46146	1.46146	0.149733	1.3175	1.3175	3.20845	1.61984	0.44877	1
cg14060898	FANCC	0.0576147	0.0732553	0.604797	-1.65345	0.00477867	0.389487	-2.56748	0.0582174	0.583407	-1.71407	0.366341	0.791651	-1.26318	0.441155	1.21864	1.21864	0.302844	0.764383	-1.30824	0.294616	1.31474	1.31474	0.821644	0.944744	-1.05849	0.0828101	0.616577	-1.62186	3.20843	3.22035	0.89219	1
cg05603258	ZNF532	0.0576149	0.981434	1.01538	1.01538	0.00290802	14.6372	14.6372	0.0156743	6.97644	6.97644	0.129295	2.92956	2.92956	0.768906	0.824309	-1.21314	0.376702	1.81283	1.81283	0.359547	1.85481	1.85481	0.12227	2.99904	2.99904	0.489706	1.58435	1.58435	3.20843	21.8535	6.05446	1
cg00284005	PIGN;KIAA1468;PIGN	0.0576159	0.0816326	0.72883	-1.37206	0.207798	1.24321	1.24321	0.028123	1.52964	1.52964	0.764632	0.951976	-1.05045	0.930383	1.01442	1.01442	0.920913	1.01641	1.01641	0.00838605	0.575805	-1.7367	0.51119	1.11541	1.11541	0.518137	0.898182	-1.11336	3.20841	1.36513	0.378209	1
cg04242499	PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2	0.0576205	0.0624453	3.51208	3.51208	0.33366	1.81733	1.81733	0.33544	1.81309	1.81309	0.494146	1.5158	1.5158	0.0913978	3.04544	3.04544	0.672087	0.774873	-1.29053	0.496373	0.661178	-1.51245	0.00734563	7.92499	7.92499	0.0126625	6.4012	6.4012	3.20831	18.2352	5.0522	1
cg09662616	CHRM3	0.0576207	0.184915	0.363599	-2.75028	0.482725	0.598512	-1.67081	0.0843179	0.253094	-3.9511	0.0726155	0.236644	-4.22576	0.0059309	0.0750657	-13.3217	0.199586	0.377147	-2.65149	0.0333572	0.167095	-5.98462	0.0134276	0.110513	-9.04873	0.306769	0.467056	-2.14107	3.2083	26.3063	7.28839	1
cg10091155	CYSLTR1	0.0576211	0.00802605	0.108417	-9.22362	0.0223563	0.166903	-5.99149	0.0552765	0.241424	-4.14209	0.768558	0.824473	-1.2129	0.409562	0.575992	-1.73613	0.106386	0.315588	-3.16869	0.167235	0.381732	-2.61964	0.543638	0.668924	-1.49494	0.0149845	0.141377	-7.0733	3.20829	21.7398	6.02321	1
cg23029236	LHFPL2	0.0576217	0.600747	1.12821	1.12821	0.0276495	0.551641	-1.81277	0.21428	0.741777	-1.34811	0.0259309	0.5466	-1.82949	0.114614	1.47997	1.47997	0.151449	0.703884	-1.42069	0.146988	1.427	1.427	0.848479	1.04467	1.04467	0.126859	0.685758	-1.45824	3.20828	2.65207	0.734785	1
cg15996459	RPH3AL	0.0576236	0.0572882	0.506438	-1.97458	0.0463117	0.485711	-2.05884	0.965513	0.986415	-1.01377	0.197517	0.649893	-1.53871	0.00373972	0.289804	-3.4506	0.099697	0.565074	-1.76968	0.762076	0.908407	-1.10083	0.722761	1.11929	1.11929	0.510956	1.23483	1.23483	3.20824	5.08545	1.409	1
cg10612617	WNT11	0.0576286	0.173379	0.737542	-1.35585	0.911259	1.02371	1.02371	0.00222173	0.406312	-2.46116	0.72766	0.929163	-1.07624	0.0196247	0.552947	-1.80849	0.278827	0.78928	-1.26698	0.808567	1.05233	1.05233	0.25596	0.779417	-1.28301	0.714031	0.92557	-1.08042	3.20813	2.244	0.621752	1
cg04528024	ING1;ING1;ING1;ING1	0.0576291	0.181569	0.79331	-1.26054	0.228718	1.22906	1.22906	0.252268	1.21562	1.21562	0.306622	1.18863	1.18863	0.666405	1.07338	1.07338	0.093325	0.739803	-1.35171	0.420684	0.874317	-1.14375	0.00430958	0.536264	-1.86475	0.718075	1.06098	1.06098	3.20812	1.3544	0.375269	1
cg00041901	CD164;CD164;CD164;CD164;CD164	0.0576317	0.387019	0.905856	-1.10393	0.176112	1.17396	1.17396	0.121216	1.20607	1.20607	0.151873	1.18671	1.18671	0.577939	1.06468	1.06468	0.703448	1.04357	1.04357	0.633773	0.947886	-1.05498	0.699015	1.04428	1.04428	0.00168729	1.64946	1.64946	3.20807	0.631777	0.175052	1
cg17864469	11-Sep	0.0576317	0.518256	1.14035	1.14035	0.00722623	0.499021	-2.00392	0.987841	1.00306	1.00306	0.28687	1.24828	1.24828	0.0622919	0.656514	-1.5232	0.725377	0.931719	-1.07328	0.16794	1.34271	1.34271	0.1203	0.713255	-1.40202	0.0960324	0.693127	-1.44274	3.20807	2.04312	0.566106	1
cg25199575	TMEM232	0.0576347	0.0165517	0.227185	-4.40169	0.0355334	0.289693	-3.45193	0.527954	0.723455	-1.38226	0.154383	0.462185	-2.16364	0.0177305	0.232273	-4.30529	0.735179	0.842089	-1.18752	0.0304377	0.275885	-3.62469	0.937241	0.960918	-1.04067	0.0330008	0.283018	-3.53334	3.208	13.0214	3.60802	1
cg17569743	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.0576349	0.0788377	0.206909	-4.83305	0.45995	0.544804	-1.83552	0.0730154	5.02365	5.02365	0.180905	0.31766	-3.14802	0.0602359	0.180709	-5.53377	0.190332	0.326417	-3.06357	0.231542	2.75383	2.75383	0.200918	0.336075	-2.97553	0.0176803	0.0973649	-10.2706	3.208	33.1092	9.17406	1
cg11813862	S1PR5;S1PR5	0.0576354	0.6637	0.944702	-1.05853	0.115693	1.249	1.249	0.55587	0.925465	-1.08054	0.91481	1.01401	1.01401	0.0157008	0.680444	-1.46963	0.620273	1.0671	1.0671	0.0101369	1.52457	1.52457	0.569698	0.928016	-1.07757	0.270464	1.16089	1.16089	3.20799	0.858979	0.238011	1
cg24924294	MRPL54	0.0576356	0.283462	0.756081	-1.32261	0.590562	0.872598	-1.146	0.389214	0.801392	-1.24783	0.393239	0.802969	-1.24538	0.0874595	0.622892	-1.60542	0.0475808	0.566358	-1.76567	0.00173236	0.325904	-3.06839	0.628762	1.13002	1.13002	0.242927	0.735943	-1.3588	3.20798	3.19865	0.886304	1
cg21952012	SNRPD3	0.0576357	0.459882	1.30418	1.30418	0.997054	1.0013	1.0013	0.552803	1.23606	1.23606	0.59448	1.20882	1.20882	0.925203	1.0337	1.0337	0.281132	0.673434	-1.48493	0.00345388	0.246254	-4.06085	0.0218836	0.378782	-2.64004	0.268798	0.66598	-1.50155	3.20798	6.32901	1.75369	1
cg13537974	PDE12	0.057636	0.0639163	0.764753	-1.30761	0.54063	0.923324	-1.08304	0.0354459	1.37078	1.37078	0.591528	1.07226	1.07226	0.437238	0.902972	-1.10745	0.00984563	0.656945	-1.5222	0.673582	0.946897	-1.05608	0.670103	1.05674	1.05674	0.17637	1.20336	1.20336	3.20797	0.842728	0.233509	1
cg01763666	CCDC57	0.0576368	0.756815	0.916155	-1.09152	0.212113	1.44851	1.44851	0.879292	0.958062	-1.04377	0.610688	1.15574	1.15574	0.00810173	0.384491	-2.60084	0.425634	0.795048	-1.25779	0.0133541	2.37265	2.37265	0.3771	1.29112	1.29112	0.897297	1.03708	1.03708	3.20796	4.03801	1.11889	1
ch.20.327316F	MACROD2;MACROD2	0.057637	0.0139979	0.341326	-2.92975	0.0204952	0.371956	-2.68849	0.0175596	0.359278	-2.78336	0.0427601	0.437738	-2.28447	0.0338379	0.415744	-2.40533	0.142199	0.571833	-1.74876	0.298635	0.682755	-1.46465	0.178451	0.602653	-1.65933	0.247931	0.651892	-1.534	3.20795	6.37523	1.76651	1
cg26910867	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0576376	0.0534585	1.43803	1.43803	0.0875379	1.36664	1.36664	0.00851954	1.74369	1.74369	0.410712	1.14949	1.14949	0.144894	0.771597	-1.29601	0.401917	0.867557	-1.15266	0.0756577	1.38746	1.38746	0.184691	1.26237	1.26237	0.535821	1.10942	1.10942	3.20794	1.39348	0.386119	1
cg02765535	NTN4	0.0576386	0.168972	0.608416	-1.64361	0.0632748	0.492528	-2.03034	0.0717924	0.505841	-1.97691	0.654093	0.858197	-1.16523	0.00828329	0.318354	-3.14116	0.74683	1.11608	1.11608	0.461716	1.28923	1.28923	0.0760006	1.95322	1.95322	0.535651	0.80842	-1.23698	3.20792	5.84057	1.61838	1
cg19317960	LNX1	0.0576402	0.350572	0.687551	-1.45444	0.110443	1.97039	1.97039	0.0699472	2.20356	2.20356	0.284897	0.648495	-1.54203	0.00781691	0.264162	-3.78555	0.172451	1.76155	1.76155	0.506323	1.30071	1.30071	0.70338	0.861432	-1.16086	0.384088	0.706118	-1.41619	3.20788	7.72368	2.14019	1
cg12942552	PLK2	0.0576415	0.492738	1.31956	1.31956	0.567152	1.2589	1.2589	0.963388	1.01844	1.01844	0.0829187	2.14742	2.14742	0.0968091	0.48406	-2.06586	0.0639845	2.29023	2.29023	0.80807	0.907673	-1.10172	0.00401383	4.65872	4.65872	0.37678	1.43478	1.43478	3.20785	8.04942	2.23048	1
cg17028834	PSMD14	0.057643	0.147159	0.600376	-1.66562	0.769616	1.10111	1.10111	0.331931	1.38859	1.38859	0.728768	0.892106	-1.12094	0.704321	1.1332	1.1332	0.00439942	0.287348	-3.4801	0.0462696	0.472924	-2.11451	0.89676	0.958317	-1.0435	0.156614	1.64368	1.64368	3.20782	5.46474	1.51428	1
cg04551282	GALNS	0.0576434	0.971174	0.981141	-1.01922	0.978456	1.01433	1.01433	0.00601763	0.150926	-6.62578	0.618207	1.30309	1.30309	0.0658626	0.337095	-2.96653	0.331856	0.590088	-1.69466	0.0192329	0.224882	-4.44679	0.109878	0.399226	-2.50485	0.0745666	0.35112	-2.84803	3.20781	14.1037	3.90815	1
cg11254582	PSMB2	0.0576437	0.017437	0.731378	-1.36728	0.292813	1.1252	1.1252	0.493745	0.927634	-1.07801	0.633584	1.05328	1.05328	0.0665451	1.24904	1.24904	0.773626	1.03166	1.03166	0.597817	1.05923	1.05923	0.28044	0.8858	-1.12892	0.0161158	1.37471	1.37471	3.20781	0.593512	0.164463	1
cg19530728	BTBD19	0.0576481	0.60505	1.2253	1.2253	0.246618	1.603	1.603	0.00167812	5.75172	5.75172	0.137482	1.86449	1.86449	0.444706	0.738266	-1.35452	0.624182	1.21205	1.21205	0.576169	0.802558	-1.24602	0.960437	0.980865	-1.01951	0.117317	1.93971	1.93971	3.20771	7.70629	2.13549	1
cg17344932	MED24;MED24;SNORD124	0.0576484	0.624458	1.35528	1.35528	0.00299994	12.2777	12.2777	0.0143743	6.41907	6.41907	0.340378	1.83202	1.83202	0.706752	0.792249	-1.26223	0.760054	1.20774	1.20774	0.68733	1.28313	1.28313	0.0843599	3.24277	3.24277	0.234471	2.15525	2.15525	3.2077	19.2878	5.34485	1
ch.15.1141100F	PKM2;PKM2;PKM2	0.0576485	0.0146346	0.345763	-2.89216	0.326097	0.698929	-1.43076	0.126101	0.557266	-1.79448	0.00801113	0.301054	-3.32166	0.0273844	0.397711	-2.51439	0.0991525	0.528002	-1.89393	0.483768	0.777695	-1.28585	0.944083	1.02509	1.02509	0.761986	1.11329	1.11329	3.2077	6.34107	1.75718	1
cg02331673	MIR200B;MIR200A	0.0576486	0.0462187	1.98865	1.98865	0.240651	1.44739	1.44739	0.0641854	1.8702	1.8702	0.306203	0.726963	-1.37559	0.0674021	0.539625	-1.85314	0.0911372	0.571153	-1.75085	0.0527058	1.94043	1.94043	0.529195	1.21152	1.21152	0.725754	1.11183	1.11183	3.2077	4.60283	1.27549	1
cg23456212	ZNF155;ZNF155	0.0576487	0.136833	0.709244	-1.40995	0.0277857	1.74633	1.74633	0.118943	1.43734	1.43734	0.0490135	1.61897	1.61897	0.60485	1.1184	1.1184	0.269815	0.781663	-1.27932	0.04822	0.616338	-1.62249	0.507629	0.865807	-1.15499	0.651008	1.10255	1.10255	3.2077	2.33467	0.646962	1
cg09921371	PXDN	0.0576491	0.75276	0.928571	-1.07692	0.769686	0.933465	-1.07128	0.151279	0.697243	-1.43422	0.25626	0.757367	-1.32036	0.0239422	0.531641	-1.88097	0.0136899	0.489198	-2.04416	0.0399817	0.573084	-1.74494	0.938395	0.982036	-1.01829	0.0106021	0.470602	-2.12494	3.20769	2.79401	0.774253	1
cg06218787	FAM107B	0.0576514	0.0950437	0.562131	-1.77894	0.0470989	2.04111	2.04111	0.39492	0.760633	-1.31469	0.0656746	1.9129	1.9129	0.306577	0.717209	-1.39429	0.0746344	0.536016	-1.86562	0.787927	1.08835	1.08835	0.0446839	2.06216	2.06216	0.522684	0.815925	-1.2256	3.20764	5.00926	1.38815	1
cg05231308	UCN	0.0576523	0.503248	0.77522	-1.28996	0.0428881	2.39505	2.39505	0.0593858	2.22031	2.22031	0.094772	1.99012	1.99012	0.741582	1.13205	1.13205	0.248506	1.57164	1.57164	0.199503	0.601673	-1.66203	0.00680602	3.72163	3.72163	0.521431	1.27579	1.27579	3.20762	7.13623	1.97758	1
cg04936619	C17orf75	0.0576535	0.375615	0.793873	-1.25965	0.00233499	0.340015	-2.94104	0.562938	0.862025	-1.16006	0.0692517	0.596917	-1.67528	0.560388	0.86117	-1.16121	0.498471	1.19058	1.19058	0.380882	1.25629	1.25629	0.984498	1.00494	1.00494	0.0866908	0.618571	-1.61663	3.20759	3.27376	0.907225	1
cg25342005	TRIM62	0.0576559	0.570917	1.28222	1.28222	0.00533841	4.91873	4.91873	0.015861	3.60562	3.60562	0.594851	1.26237	1.26237	0.376765	1.48246	1.48246	0.6821	1.19574	1.19574	0.0315909	2.98649	2.98649	0.0410848	2.78185	2.78185	0.631525	1.23336	1.23336	3.20754	9.5717	2.65255	1
cg10572943	IFNGR2	0.0576561	0.122107	0.598775	-1.67008	0.170833	0.639946	-1.56263	0.431042	0.781929	-1.27889	0.884303	0.956411	-1.04558	0.0269415	0.44846	-2.22985	0.139559	1.62684	1.62684	0.0131322	0.390096	-2.56347	0.0659486	0.531822	-1.88033	0.0713135	0.539813	-1.85249	3.20754	4.75926	1.31891	1
cg01821906	H2BFWT;MIR1256;H2BFWT	0.0576568	0.0226319	0.235046	-4.25449	0.101605	0.38642	-2.58786	0.15381	0.444831	-2.24805	0.499548	0.695161	-1.43852	0.00437462	0.132753	-7.5328	0.119647	0.408275	-2.44933	0.393189	1.59046	1.59046	0.392321	0.628189	-1.59188	0.121318	0.410196	-2.43786	3.20752	14.2972	3.96214	1
cg02369015	GNG7	0.0576576	0.0628717	0.474196	-2.10883	0.563764	0.812147	-1.2313	0.135781	1.77386	1.77386	0.0150353	0.344527	-2.90253	0.0710045	0.487178	-2.05264	0.263031	0.659657	-1.51594	0.0233227	0.380455	-2.62843	0.907366	1.04238	1.04238	0.629614	1.18917	1.18917	3.2075	6.45754	1.78957	1
cg11736657	CALML3	0.0576584	0.566642	0.774684	-1.29085	0.614295	1.25105	1.25105	0.232977	0.576225	-1.73543	0.478276	1.37405	1.37405	0.00239371	0.154868	-6.45713	0.158007	0.514109	-1.94511	0.475422	1.37699	1.37699	0.482712	1.36952	1.36952	0.114733	0.46951	-2.12988	3.20749	9.86965	2.73517	1
cg12271797	SNTG1	0.0576594	0.352166	0.787756	-1.26943	0.00392559	2.63026	2.63026	0.0864113	1.60317	1.60317	0.898832	0.968804	-1.0322	0.706572	1.09882	1.09882	0.130216	1.50269	1.50269	0.0218373	1.98515	1.98515	0.555018	1.1604	1.1604	0.663018	1.11544	1.11544	3.20747	3.15391	0.874047	1
cg13844787	KDM4C	0.0576618	0.527055	1.17056	1.17056	0.638194	1.12343	1.12343	0.477435	1.19422	1.19422	0.654895	1.11689	1.11689	0.378845	1.24839	1.24839	0.0714702	1.63988	1.63988	0.00112301	3.2497	3.2497	0.950509	1.01537	1.01537	0.619778	0.884348	-1.13078	3.20741	3.06725	0.850045	1
cg10652085	TAPBP;TAPBP;RGL2;RGL2	0.0576627	0.041246	0.812944	-1.2301	0.688317	1.0361	1.0361	0.407961	0.928259	-1.07729	0.255821	0.900926	-1.10997	0.0129006	0.762227	-1.31194	0.802015	1.02234	1.02234	0.0109048	0.754971	-1.32455	0.812125	0.979275	-1.02116	0.269994	1.1063	1.1063	3.2074	0.392961	0.108904	1
cg05919360	DAB1	0.0576627	0.22198	0.640881	-1.56035	0.79936	1.0923	1.0923	0.167025	1.66632	1.66632	0.572384	1.21864	1.21864	0.548936	0.810414	-1.23394	0.578444	1.21478	1.21478	0.0020129	0.220815	-4.52869	0.55396	1.23061	1.23061	0.521477	1.25261	1.25261	3.20739	6.10309	1.69139	1
cg13725657	VAV2;VAV2	0.0576645	0.759804	1.12014	1.12014	0.953619	0.978711	-1.02175	0.472936	0.76333	-1.31005	0.242601	1.57211	1.57211	0.069221	0.47139	-2.12138	0.724749	1.13973	1.13973	0.00454058	0.246922	-4.04986	0.140972	1.79642	1.79642	0.145023	0.560446	-1.78429	3.20736	6.95264	1.92686	1
cg05654290	GDA	0.0576658	0.33398	0.815446	-1.22632	0.475572	0.861966	-1.16014	0.00765453	2.01753	2.01753	0.471222	0.860658	-1.1619	0.779147	0.944065	-1.05925	0.0584532	0.645489	-1.54921	0.24812	0.780984	-1.28044	0.505379	1.1484	1.1484	0.0720208	1.50855	1.50855	3.20733	2.12937	0.590141	1
cg19307060	FAM10A4	0.0576669	0.55036	1.20115	1.20115	0.913476	0.96757	-1.03352	0.387067	1.30855	1.30855	0.539909	0.82843	-1.2071	0.308714	1.37651	1.37651	0.928124	0.973005	-1.02774	0.00113623	4.2718	4.2718	0.409489	0.774255	-1.29156	0.750552	1.10158	1.10158	3.2073	4.67325	1.29517	1
cg12177562	SLC6A8;SLC6A8;SLC6A8	0.0576671	0.635377	0.88805	-1.12606	0.269947	0.751617	-1.33047	0.932053	1.02142	1.02142	0.0431685	1.78286	1.78286	0.752993	0.92453	-1.08163	0.598151	1.14134	1.14134	0.00386448	2.63114	2.63114	0.697143	1.10209	1.10209	0.0522726	1.73097	1.73097	3.2073	3.13826	0.869755	1
cg14434255	ENTPD7	0.0576685	0.510043	0.817535	-1.22319	0.0221477	2.28638	2.28638	0.537312	1.20722	1.20722	0.994232	0.997823	-1.00218	0.749371	1.10145	1.10145	0.511044	0.817936	-1.22259	0.00381222	0.308429	-3.24223	0.821444	0.93412	-1.07053	0.453334	0.794295	-1.25898	3.20727	4.61693	1.27957	1
cg10746778	SORL1	0.057669	0.14212	0.639939	-1.56265	0.106905	0.607836	-1.64518	0.0366815	0.503278	-1.98697	0.0324648	0.49257	-2.03017	0.859442	1.05141	1.05141	0.984089	1.00566	1.00566	0.0314155	2.04197	2.04197	0.423995	1.25981	1.25981	0.490846	1.21889	1.21889	3.20726	4.06382	1.12628	1
cg00105852	FBRSL1	0.0576698	0.131907	0.728899	-1.37193	0.0636204	1.50007	1.50007	0.0764424	0.681637	-1.46706	0.157666	0.745434	-1.3415	0.00859648	0.521165	-1.91878	0.0786852	0.684036	-1.46191	0.73767	1.06755	1.06755	0.446775	0.860027	-1.16275	0.560073	0.891737	-1.12141	3.20724	1.92072	0.53233	1
cg11117099	LOC100133991	0.057671	0.709216	1.16115	1.16115	0.094216	2.0831	2.0831	0.0245733	2.90961	2.90961	0.499512	1.31443	1.31443	0.38986	0.703666	-1.42113	0.0720913	2.22713	2.22713	0.0485527	2.45653	2.45653	0.00651087	4.09748	4.09748	0.368849	1.44503	1.44503	3.20721	8.08095	2.23966	1
cg03757653	GNA11	0.0576725	0.697286	0.933335	-1.07143	0.758575	0.947044	-1.05592	0.00552323	0.525371	-1.90342	0.726876	1.06384	1.06384	0.854382	1.03296	1.03296	0.0292116	1.57378	1.57378	0.164722	1.29901	1.29901	0.187575	0.781541	-1.27952	0.807801	0.957897	-1.04395	3.20718	1.58222	0.438521	1
cg19256400	FAM123C;FAM123C;FAM123C;FAM123C	0.0576727	0.17721	2.03235	2.03235	0.00663972	5.70878	5.70878	0.326988	1.64934	1.64934	0.857592	1.09288	1.09288	0.710038	0.831374	-1.20283	0.903535	1.06179	1.06179	0.0177068	0.240188	-4.16341	0.268346	1.76843	1.76843	0.575564	1.32274	1.32274	3.20718	12.4199	3.44226	1
cg08269671	TNFSF11;TNFSF11	0.0576736	0.476285	1.25801	1.25801	0.25202	0.684406	-1.46112	0.091971	0.555507	-1.80016	0.702971	0.885671	-1.12909	0.00172783	0.242528	-4.12323	0.954193	0.98196	-1.01837	0.653531	0.866596	-1.15394	0.08505	0.546929	-1.82839	0.22959	0.670655	-1.49108	3.20716	5.10112	1.41382	1
cg22286687	HEXIM2	0.0576739	0.53814	1.32066	1.32066	0.00290864	0.161084	-6.20795	0.163678	0.515183	-1.94106	0.0578798	0.384145	-2.60318	0.388322	1.48365	1.48365	0.436282	0.701612	-1.42529	0.247514	0.583047	-1.71513	0.662057	1.21682	1.21682	0.586844	1.2774	1.2774	3.20715	10.113	2.80289	1
cg09998189	SMOC1;SMOC1	0.0576744	0.0591609	0.345619	-2.89336	0.00364147	0.140649	-7.10991	0.0351603	0.294162	-3.39949	0.34321	0.614516	-1.6273	0.201058	0.510002	-1.96078	0.607989	1.29433	1.29433	0.104747	0.413072	-2.42089	0.12685	0.438936	-2.27823	0.139015	0.452002	-2.21238	3.20714	12.6303	3.5006	1
cg01900800	WFDC2	0.0576752	0.262762	1.26963	1.26963	0.0988628	1.44771	1.44771	0.0081941	0.500728	-1.99709	0.143743	0.725296	-1.37875	0.178755	0.746716	-1.3392	0.929358	1.01829	1.01829	0.260544	0.786678	-1.27117	0.166578	1.35197	1.35197	0.469375	1.16241	1.16241	3.20712	2.12341	0.588527	1
cg16338313	RGS6	0.057678	0.0636504	0.248174	-4.02944	0.0278404	0.175971	-5.68277	0.636454	0.727435	-1.37469	0.589484	0.694821	-1.43922	0.0351391	0.193911	-5.15702	0.323374	0.505733	-1.97733	0.0140719	0.131869	-7.58328	0.0231314	0.162822	-6.14169	0.0369367	0.197976	-5.05111	3.20706	22.6908	6.28911	1
cg16491046	ZNF496;ZNF496	0.0576786	0.0351747	0.21409	-4.67092	0.0149001	0.149836	-6.67399	0.90874	0.932095	-1.07285	0.0207292	0.172219	-5.80655	0.0934007	0.317108	-3.1535	?	?	?	?	?	?	0.781921	0.843474	-1.18557	0.725036	1.24195	1.24195	3.56517	16.1662	4.53447	1
cg13718666	ARL1	0.0576798	0.345757	1.10638	1.10638	0.0959401	1.20969	1.20969	0.556763	1.06383	1.06383	0.0122875	0.722768	-1.38357	0.697383	1.04152	1.04152	0.838328	0.978955	-1.0215	0.0118602	0.721049	-1.38687	0.422733	0.918278	-1.089	0.709865	0.961839	-1.03967	3.20703	0.550564	0.152599	1
cg02569437	PEX6	0.0576815	0.0782685	0.780816	-1.28071	0.923521	0.987929	-1.01222	0.740517	0.958837	-1.04293	0.841377	0.974975	-1.02567	0.152765	0.823916	-1.21372	0.0738127	0.777209	-1.28665	0.294858	0.871617	-1.14729	0.248973	0.858638	-1.16464	0.0061665	1.57121	1.57121	3.20699	0.812506	0.225204	1
cg06936631	SHANK1	0.0576823	0.0282598	16.9254	16.9254	0.0454329	12.2557	12.2557	0.137105	5.74829	5.74829	0.110642	6.67621	6.67621	0.0240755	18.887	18.887	0.0450262	12.3306	12.3306	0.0188305	22.3696	22.3696	0.0341183	14.8863	14.8863	0.124976	6.13377	6.13377	3.20697	60.5839	16.7923	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04091914	SLC19A3	0.057687	0.339829	0.639299	-1.56421	0.0259147	0.300418	-3.3287	0.403229	0.677731	-1.47551	0.172302	0.516512	-1.93606	0.0122505	0.241943	-4.1332
cg06352855	SCAMP3;CLK2;SCAMP3	0.0576875	0.256183	0.669229	-1.49426	0.635025	0.850414	-1.1759	0.205255	0.635799	-1.57282	0.0353971	0.436008	-2.29354	0.00508675	0.285145	-3.50699
cg19916067	TSNARE1	0.0576879	0.88501	0.982554	-1.01776	0.00492809	1.57298	1.57298	0.0334551	1.35283	1.35283	0.913121	1.01336	1.01336	0.146611	1.20863	1.20863
cg16575821	SP2	0.0576881	0.147041	0.874679	-1.14328	0.0110384	1.3156	1.3156	0.117347	0.863849	-1.15761	0.523298	0.945861	-1.05724	0.387028	1.07928	1.07928
cg02234281	GPR158	0.0576887	0.149075	2.00868	2.00868	0.00332113	6.06354	6.06354	0.016003	3.77843	3.77843	0.240959	1.73909	1.73909	0.225845	1.77416	1.77416
cg11075148	APOM	0.0576892	0.558687	0.900726	-1.11021	0.00535546	1.91258	1.91258	0.997403	1.00058	1.00058	0.326922	0.836167	-1.19593	0.0488091	0.671802	-1.48853
cg14120359	SMARCA2;SMARCA2	0.0576897	0.19914	2.41222	2.41222	0.685911	0.768074	-1.30196	0.150829	2.71632	2.71632	?	?	?	0.00421852	0.08319	-12.0207
cg21395519	SEMA5B	0.0576909	0.0203199	0.642644	-1.55607	0.893607	1.02138	1.02138	0.873537	1.0255	1.0255	0.26058	0.830708	-1.20379	0.201093	0.807816	-1.23791
cg02808233	ZNF584	0.0576926	0.817222	0.982848	-1.01745	0.245847	1.09494	1.09494	0.129078	1.13039	1.13039	0.123505	0.882785	-1.13278	0.0657957	1.16681	1.16681
cg14741698	STX2;STX2	0.0576931	0.634151	1.1572	1.1572	0.0495708	1.97845	1.97845	0.776304	0.916899	-1.09063	0.116161	1.68201	1.68201	0.00730487	0.348722	-2.86761
cg00329447	PLEC1;PLEC1;PLEC1	0.0576943	0.619849	1.28213	1.28213	0.591777	0.764119	-1.3087	0.0244827	3.78826	3.78826	0.546336	1.35447	1.35447	0.847249	1.10059	1.10059
cg04605697	PRKG1;PRKG1	0.0576944	0.492008	0.828702	-1.20671	0.156719	0.665092	-1.50355	0.79608	1.07221	1.07221	0.200045	0.694567	-1.43975	0.0437363	0.535721	-1.86664
cg07036530	GPR26	0.0576945	0.113082	0.402205	-2.48629	0.361768	0.609502	-1.64068	0.621388	0.768795	-1.30074	0.288489	0.558794	-1.78957	0.0421891	0.290499	-3.44235
cg19817126	LOC100188947	0.0576946	0.0110873	0.302639	-3.30426	0.0143208	0.323015	-3.09583	0.573676	0.813807	-1.22879	0.242647	0.640483	-1.56132	0.0212373	0.35631	-2.80655
cg07161429	CHST11	0.0576969	0.0778348	0.230994	-4.32911	0.0115462	0.0942381	-10.6114	0.00901972	0.0835435	-11.9698	0.0706469	0.220781	-4.52938	0.131763	0.296257	-3.37544
cg01011757	TIGD1;EIF4E2	0.0576981	0.107807	0.24016	-4.1639	0.106318	0.238446	-4.19382	0.245667	0.372684	-2.68324	0.26849	2.55199	2.55199	0.0505502	0.163439	-6.11849
cg27243389	ALOX5;ALOX5	0.0576982	0.0222138	0.6187	-1.61629	0.668013	1.0785	1.0785	0.826956	0.962378	-1.03909	0.408777	0.862443	-1.1595	0.19651	0.787258	-1.27023
cg15910994	NCAPH	0.0577	0.354403	0.765823	-1.30579	0.00735767	2.72807	2.72807	0.0907008	1.69483	1.69483	0.988049	1.00418	1.00418	0.665147	1.12923	1.12923
cg13782816	BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1	0.0577032	0.0257917	0.224329	-4.45774	0.0327742	0.244114	-4.09644	0.128315	0.395299	-2.52973	0.975603	0.982883	-1.01742	0.239203	0.498629	-2.0055
cg18060742	IL12B	0.0577034	0.0839615	0.274996	-3.63642	0.191524	0.393166	-2.54346	0.0536254	0.227729	-4.39118	0.14276	0.345246	-2.89649	0.0176844	0.142568	-7.01418
cg01138791	LMF1	0.0577044	0.683017	1.07227	1.07227	0.119439	0.750397	-1.33263	0.648896	1.08101	1.08101	0.188043	0.788943	-1.26752	0.473351	0.883436	-1.13194
cg11228876	NID1	0.0577048	0.251688	1.58009	1.58009	0.0623231	2.25043	2.25043	0.550679	1.25799	1.25799	0.468431	1.32402	1.32402	0.147446	0.550842	-1.8154
cg08827584	COMP	0.0577062	0.450984	0.796739	-1.25512	0.351547	0.753025	-1.32798	0.0120468	0.395978	-2.52539	0.88688	0.958762	-1.04301	0.0355912	0.484927	-2.06217
cg18442181	C17orf42	0.0577093	0.152419	0.822575	-1.21569	0.935076	1.01044	1.01044	0.230059	1.17404	1.17404	0.614041	0.937259	-1.06694	0.461016	1.10035	1.10035
cg09639715	GFAP;GFAP	0.0577098	0.0862691	0.347813	-2.87511	0.0122134	0.175547	-5.69647	0.128341	0.400135	-2.49916	0.499002	0.682204	-1.46584	0.0461201	0.27988	-3.57296
cg07049833	MIA3	0.057713	0.882424	1.02694	1.02694	0.145237	0.755037	-1.32444	0.513076	1.12655	1.12655	0.175213	1.29562	1.29562	0.086383	0.711543	-1.4054
cg19331426	KCNK13	0.0577132	0.217892	0.668047	-1.4969	0.0188681	0.412642	-2.42341	0.703056	0.887633	-1.12659	0.120138	0.591728	-1.68997	0.0431842	0.48485	-2.06249
cg10271272	PPAP2C;PPAP2C;PPAP2C	0.0577148	0.56362	1.18427	1.18427	0.508346	1.21456	1.21456	0.0337578	2.05077	2.05077	0.78789	1.08126	1.08126	0.00871347	0.379729	-2.63346
cg10580691	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.0577163	0.0143842	0.647848	-1.54357	0.27658	1.17684	1.17684	0.482882	1.10806	1.10806	0.361233	1.14458	1.14458	0.676278	0.94137	-1.06228
cg02143743	AGBL1	0.0577169	0.782702	1.19889	1.19889	0.0715504	3.74426	3.74426	0.0352311	4.99864	4.99864	0.161426	2.66759	2.66759	0.504659	0.641342	-1.55923
cg03053346	KDELR3	0.0577181	0.609843	0.92059	-1.08626	0.119764	0.762334	-1.31176	0.633863	1.0802	1.0802	0.736387	1.05582	1.05582	0.0225083	0.644453	-1.5517
cg02855833	FAM86B2	0.0577189	0.161012	0.791318	-1.26371	0.875709	0.975826	-1.02477	0.630322	0.926991	-1.07876	0.682936	0.937813	-1.06631	0.569709	1.09398	1.09398
cg09509144	KCNQ1;KCNQ1	0.0577205	0.0365302	1.91958	1.91958	0.00309503	2.96313	2.96313	0.44689	1.23126	1.23126	0.136538	1.53792	1.53792	0.0603295	1.76557	1.76557
cg11164142	TBC1D9	0.0577206	0.752269	1.0484	1.0484	0.574591	1.08834	1.08834	0.112291	0.772543	-1.29443	0.142057	1.26567	1.26567	0.479814	1.11318	1.11318
cg20343827	FAM155A	0.0577209	0.076864	0.540462	-1.85027	0.0249251	0.434027	-2.30401	0.311705	1.38724	1.38724	0.800949	0.924032	-1.08221	0.0356692	0.465501	-2.14822
cg24492886	PTAFR;PTAFR;PTAFR;PTAFR	0.0577214	0.233953	0.461611	-2.16632	0.844146	1.12969	1.12969	0.117886	0.349248	-2.8633	0.531824	1.48045	1.48045	0.018835	0.171573	-5.82843
cg06008724	PHF21B;PHF21B	0.0577217	0.745987	1.18169	1.18169	0.0624001	2.93674	2.93674	0.00188305	9.61555	9.61555	0.88302	0.927164	-1.07856	0.577323	1.33532	1.33532
cg18158306	FBRSL1	0.057723	0.0965858	0.416793	-2.39927	0.357345	1.5748	1.5748	0.536541	0.740636	-1.35019	0.924283	0.95542	-1.04666	0.00845067	0.199251	-5.0188
cg07999090	FLT1	0.0577247	0.271805	0.659955	-1.51526	0.0309732	0.39845	-2.50973	0.00262912	0.220297	-4.53933	0.447029	0.754609	-1.32519	0.0406171	0.423638	-2.3605
cg13545538	ACTB	0.0577249	0.0844069	0.812542	-1.2307	0.410189	0.912482	-1.09591	0.0310837	0.759423	-1.31679	0.976553	0.996809	-1.0032	0.00278425	0.638672	-1.56575
cg07740574	ARHGAP21	0.0577255	0.170486	0.775765	-1.28905	0.0232046	0.623731	-1.60326	0.293219	0.827236	-1.20884	0.00196961	0.467308	-2.13992	0.0829423	0.716083	-1.39649
cg13305444	ENAH;ENAH	0.057726	0.0361922	0.183629	-5.44578	0.184597	0.37564	-2.66212	0.0139436	0.120861	-8.27398	0.946387	0.954287	-1.0479	0.0377818	0.187076	-5.34541
cg07298104	GAK	0.0577273	0.018646	0.717325	-1.39407	0.454861	1.09273	1.09273	0.313782	0.885706	-1.12904	0.488521	0.921291	-1.08543	0.080675	0.797966	-1.25319
cg17431079	MACF1	0.0577276	0.352315	1.47775	1.47775	0.301983	0.646423	-1.54698	0.0167573	0.303857	-3.29102	0.865547	1.07159	1.07159	0.214707	0.586891	-1.70389
cg24861098	TTC35	0.0577278	0.875699	1.06151	1.06151	0.821411	0.917371	-1.09007	0.0302868	0.356327	-2.80641	?	?	?	0.0032372	0.177569	-5.63161
cg23055707	PXDN	0.0577286	0.0563131	0.209281	-4.77827	0.178481	0.355393	-2.81378	0.0937397	0.263464	-3.79559	0.20541	0.380287	-2.62959	0.00712343	0.0808211	-12.373
cg22164916	BRE;BRE;BRE;BRE;RBKS;LOC100302650;BRE	0.0577299	0.00694092	0.0298675	-33.4812	0.0815617	6.96026	6.96026	0.108376	5.81464	5.81464	0.327306	2.76309	2.76309	0.298283	0.338362	-2.95541
cg04998375	GRIP2	0.0577323	0.00895515	0.43228	-2.31332	0.872857	0.960402	-1.04123	0.109199	0.643621	-1.55371	0.584111	0.869832	-1.14965	0.00885624	0.431484	-2.31758
cg03236534	ATP11A;ATP11A	0.0577324	0.575192	1.25025	1.25025	0.72918	0.871888	-1.14694	0.0441376	0.401654	-2.48971	0.298305	1.52998	1.52998	0.00470933	0.227321	-4.39906
cg00484358	ALX3	0.0577332	0.0464085	5.17012	5.17012	0.101698	3.63384	3.63384	0.0408151	5.4758	5.4758	0.520769	1.598	1.598	0.0200171	7.54821	7.54821
cg18542992	ZNF703	0.0577333	0.183551	0.763031	-1.31056	0.263805	1.25017	1.25017	0.627472	0.910521	-1.09827	0.857458	0.966125	-1.03506	0.81945	1.0448	1.0448
cg09274113	HAGH;HAGH;FAHD1;FAHD1;FAHD1	0.0577336	0.037243	0.388782	-2.57213	0.547716	1.26831	1.26831	0.75854	1.12802	1.12802	0.357665	0.691023	-1.44713	0.0205872	0.336318	-2.97338
cg00600033	CCDC154	0.0577337	0.029543	0.393981	-2.5382	0.978872	1.00967	1.00967	0.276111	0.662444	-1.50956	0.242992	0.641383	-1.55913	0.230005	0.632668	-1.58061
cg02781105	KIF19	0.0577355	0.339616	0.739521	-1.35223	0.159501	1.5855	1.5855	0.516674	0.817433	-1.22334	0.196119	0.657641	-1.52059	0.00800887	0.352806	-2.83442
cg07681748	CD200;CD200	0.0577373	0.0603076	0.283365	-3.52902	0.184595	0.432754	-2.31078	0.848586	0.892467	-1.12049	0.721891	1.23704	1.23704	0.00274143	0.0853789	-11.7125
cg19632760	XKR9;LACTB2;XKR9	0.0577376	0.366671	1.27673	1.27673	0.77685	1.07773	1.07773	0.448171	1.22584	1.22584	0.135047	1.52867	1.52867	0.00410549	0.362684	-2.75722
cg07492770	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0577377	0.47154	0.587672	-1.70163	0.375449	1.93529	1.93529	0.0311105	6.2743	6.2743	0.486423	0.59851	-1.67082	0.730172	0.777785	-1.2857
cg24965937	KCNH3	0.057738	0.398691	1.08502	1.08502	0.750007	0.970261	-1.03065	0.728554	1.03345	1.03345	0.975648	1.00289	1.00289	0.53673	0.942634	-1.06086
cg13417862	NXN	0.0577383	0.750934	1.11606	1.11606	0.829789	0.928455	-1.07706	0.0650355	0.48951	-2.04286	0.600015	0.833228	-1.20015	0.0378018	0.435793	-2.29467
cg02186769	VARS2;VARS2;VARS2;GTF2H4	0.0577396	0.409819	0.866988	-1.15342	0.482897	0.886254	-1.12834	0.89251	0.977367	-1.02316	0.0560035	1.44274	1.44274	0.756404	0.948674	-1.0541
cg07236445	DSCC1	0.0577412	?	?	?	0.814148	1.11951	1.11951	0.244954	0.558194	-1.79149	0.107799	2.31929	2.31929	0.0989924	2.37996	2.37996
cg15629893	CELA3A	0.0577416	0.274312	0.815542	-1.22618	0.965796	0.992343	-1.00772	0.00676802	0.533016	-1.87612	0.402686	1.16593	1.16593	0.0142493	0.581637	-1.71929
cg18397450	PACS2;PACS2	0.0577419	0.0888128	1.54187	1.54187	0.341143	1.25393	1.25393	0.0733626	1.585	1.585	0.0218366	1.88668	1.88668	0.485295	1.17771	1.17771
cg04664126	SCAND3	0.0577422	0.0364372	0.319283	-3.13202	0.0148038	4.08729	4.08729	0.588058	1.29274	1.29274	0.0939791	2.37402	2.37402	0.0938248	0.421021	-2.37518
cg04671742	LAG3;LAG3	0.0577422	0.184522	1.44107	1.44107	0.0669148	1.7044	1.7044	0.00304211	2.86915	2.86915	0.599613	1.14742	1.14742	0.66259	1.12073	1.12073
cg27204266	SNORD115-9;SNORD115-10;SNORD115-12;SNORD115-5	0.0577452	0.0141386	0.203059	-4.92468	0.0423939	0.292092	-3.42358	0.67084	0.798456	-1.25242	0.632284	1.28894	1.28894	0.0379345	0.281661	-3.55037
cg17520919	GCNT4;GCNT4	0.0577452	0.370591	1.31879	1.31879	0.0962129	0.577081	-1.73286	0.0546399	0.518873	-1.92726	0.576176	1.18526	1.18526	0.670712	0.879222	-1.13737
cg07365816	SGEF	0.0577465	0.0274088	2.07175	2.07175	0.48959	0.82206	-1.21646	0.464344	0.81229	-1.23109	0.212717	1.4425	1.4425	0.448195	1.24082	1.24082
cg11909865	C11orf57;PIH1D2;PIH1D2;PIH1D2;C11orf57;PIH1D2;C11orf57	0.0577476	0.00298724	0.123363	-8.10613	0.416306	1.53239	1.53239	0.172314	2.10929	2.10929	0.264389	1.81789	1.81789	0.479429	1.44685	1.44685
cg11202265	PTPRN2;PTPRN2;PTPRN2	0.0577478	0.115662	2.69699	2.69699	0.057638	3.47444	3.47444	0.362659	1.7208	1.7208	0.282608	1.91119	1.91119	0.442182	1.57556	1.57556
cg05827267	NHP2L1;NHP2L1	0.0577483	0.00436984	0.0808907	-12.3624	0.462105	1.63964	1.63964	0.0824319	3.56335	3.56335	0.178305	0.388813	-2.57193	?	?	?
cg21490755	PDE7A	0.05775	0.0202159	0.511269	-1.95592	0.675025	0.903926	-1.10628	0.422203	1.217	1.217	0.135063	1.47094	1.47094	0.133142	1.47419	1.47419
cg11241278	EVPL;EVPL	0.0577503	0.0314721	0.589702	-1.69577	0.0776848	0.66333	-1.50754	0.0787552	0.664519	-1.50485	0.0244219	0.570437	-1.75304	0.0108746	0.512033	-1.953
cg21748244	LCP2	0.0577509	0.737458	0.894525	-1.11791	0.0432517	0.462871	-2.16043	0.0215516	0.400733	-2.49543	0.02445	0.411409	-2.43067	0.0988552	0.549072	-1.82126
cg03208093	ZNF248	0.0577513	0.960965	0.990376	-1.00972	0.286354	1.24455	1.24455	0.140502	1.36793	1.36793	0.466097	0.863675	-1.15784	0.942528	0.985855	-1.01435
cg19683073	SERINC5	0.0577537	0.100589	0.48226	-2.07357	0.127729	1.94978	1.94978	0.250151	1.62784	1.62784	0.492978	1.32618	1.32618	0.203463	1.72334	1.72334
cg26940226	KLHDC4	0.0577561	0.189401	1.17236	1.17236	0.4014	1.10323	1.10323	0.134336	0.831372	-1.20283	0.82416	0.974865	-1.02578	0.218829	0.862485	-1.15944
cg22499719	BCL3	0.0577588	0.894024	1.03098	1.03098	0.41576	1.20972	1.20972	0.264481	1.30501	1.30501	0.29657	0.780578	-1.2811	0.00385133	0.410076	-2.43857
cg09175289	TM7SF2;C11orf2	0.0577601	0.877738	0.939896	-1.06395	0.0764361	2.21138	2.21138	0.0593262	2.35649	2.35649	0.0318102	2.75429	2.75429	0.393535	1.42179	1.42179
cg00697703	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.0577613	0.0214993	0.159609	-6.26531	0.477259	0.618689	-1.61632	0.713945	0.782999	-1.27714	0.19133	0.398833	-2.50731	0.306886	0.495172	-2.0195
cg05064739	ATP13A2;ATP13A2;ATP13A2	0.057762	0.0159251	0.32579	-3.06946	0.729149	0.87629	-1.14118	0.0615818	0.449348	-2.22545	0.0104648	0.293968	-3.40173	0.0372565	0.399092	-2.50569
cg18805367	FAM48A;FAM48A	0.057762	0.0978964	0.387102	-2.5833	0.992945	0.995389	-1.00463	0.776799	0.861949	-1.16016	0.0131853	0.200653	-4.98372	0.507496	0.703672	-1.42112
cg18937014	PTGFRN	0.0577625	0.204152	0.794526	-1.25861	0.336662	0.84364	-1.18534	0.013407	0.591203	-1.69147	0.320546	1.19264	1.19264	0.147264	0.765727	-1.30595
cg06131338	ACACB	0.0577629	0.974715	1.00603	1.00603	0.0156056	1.75436	1.75436	0.145546	0.743581	-1.34484	0.754483	1.06128	1.06128	0.0513595	1.52284	1.52284
cg13451953	SERPINI1;PDCD10;SERPINI1;SERPINI1;SERPINI1;PDCD10;PDCD10	0.0577634	0.668233	0.890775	-1.12262	0.683893	1.11607	1.11607	0.686226	1.11511	1.11511	0.000926924	0.265337	-3.76879	0.316271	0.757333	-1.32042
cg06617449	C11orf58;C11orf58	0.0577648	0.833739	0.924087	-1.08215	0.0360678	2.49853	2.49853	0.108727	1.92915	1.92915	0.550495	1.25467	1.25467	0.0411203	0.412678	-2.4232
cg24368031	MRC2	0.0577649	0.120786	0.366213	-2.73065	0.123458	0.36928	-2.70797	0.166914	0.414875	-2.41037	0.189134	0.435815	-2.29455	0.0106413	0.146978	-6.80374
cg21105318	ITGB6	0.0577665	0.699312	1.10792	1.10792	0.534262	0.846866	-1.18082	0.072461	0.589038	-1.69768	0.587496	1.15561	1.15561	0.139504	0.657113	-1.52181
cg13724182	YWHAQ	0.0577687	0.323295	0.622202	-1.60719	0.0475348	2.86951	2.86951	0.771093	1.14532	1.14532	0.593743	1.28456	1.28456	0.0232517	0.283213	-3.53091
cg11283640	NDUFB4;NDUFB4	0.0577706	0.0590292	0.670422	-1.4916	0.0138616	1.7688	1.7688	0.351021	1.19724	1.19724	0.0810105	0.695695	-1.43741	0.563749	0.896319	-1.11567
cg13170179	GALNTL1;GALNTL1	0.0577709	0.0133431	0.542073	-1.84477	0.159926	0.740844	-1.34981	0.45071	0.857679	-1.16594	0.402934	0.842828	-1.18648	0.00514815	0.478024	-2.09195
cg10960433	ARHGAP26;ARHGAP26	0.0577722	0.52042	0.794186	-1.25915	0.274149	1.49555	1.49555	0.668235	0.858558	-1.16474	0.287494	1.47791	1.47791	0.0706786	0.48946	-2.04307
cg07354129	C16orf53	0.0577739	0.055342	0.56368	-1.77406	0.756462	1.08557	1.08557	0.598269	0.869069	-1.15066	0.166054	0.67718	-1.47671	0.724726	0.910904	-1.09781
ch.4.1647744F	WDFY3;WDFY3	0.0577769	0.902099	0.923482	-1.08286	0.0630084	3.86842	3.86842	0.741467	0.807221	-1.23882	?	?	?	0.0390883	4.68658	4.68658
cg17882867	THSD4	0.0577771	0.129237	0.393589	-2.54072	0.594137	1.35787	1.35787	0.348548	0.577557	-1.73143	0.872727	0.912844	-1.09548	0.00332946	0.102986	-9.71009
cg19219778	KIAA0748	0.0577786	0.930523	0.97079	-1.03009	0.276638	0.68067	-1.46914	0.21311	0.640348	-1.56165	0.00877792	0.321538	-3.11005	0.00742076	0.309622	-3.22974
cg04674143	TICAM1	0.0577803	0.278896	1.14204	1.14204	0.725963	1.04239	1.04239	0.445508	0.912335	-1.09609	0.652257	1.05497	1.05497	0.246273	1.15378	1.15378
cg12843872	FZD1	0.0577805	0.438486	0.910569	-1.09821	0.0162123	1.41711	1.41711	0.0660028	1.277	1.277	0.509991	1.08245	1.08245	0.636818	1.058	1.058
cg10549831	NET1;NET1	0.0577806	0.030876	3.08925	3.08925	0.344632	0.648465	-1.5421	0.197098	1.8345	1.8345	0.242183	1.72405	1.72405	0.839563	0.913748	-1.09439
cg27459437	PPP1R16B	0.0577812	0.0496191	8.41185	8.41185	0.547718	0.560778	-1.78324	0.238103	0.308833	-3.238	0.499551	1.91876	1.91876	0.795748	0.781417	-1.27973
cg16488021	ACSF3;ACSF3;ACSF3	0.0577813	0.897355	0.95145	-1.05103	0.00227902	0.192927	-5.18331	0.06289	0.446233	-2.24098	0.265254	0.639097	-1.56471	0.890617	0.948324	-1.05449
cg17295842	TREML4	0.0577816	0.832236	1.04263	1.04263	0.0053114	0.485311	-2.06053	0.185066	0.758343	-1.31866	0.603178	1.10873	1.10873	0.64354	1.09605	1.09605
cg02101338	OR8G2	0.0577826	0.175187	1.42453	1.42453	0.296365	1.30439	1.30439	0.984914	0.995371	-1.00465	0.00476764	0.398666	-2.50836	0.323035	0.778399	-1.28469
cg13073302	FAM57A	0.0577828	0.0835925	0.329595	-3.03403	0.0338449	0.237888	-4.20366	0.303446	1.85477	1.85477	0.18984	0.447171	-2.23628	0.0500838	0.273956	-3.65023
cg24842354	PRKCZ;PRKCZ	0.0577843	0.149346	1.41067	1.41067	0.750158	0.931373	-1.07368	0.0710919	0.638462	-1.56626	0.164345	1.39124	1.39124	0.428939	0.835518	-1.19686
cg20991612	FAM183A;FAM183A	0.0577851	0.0716442	0.837434	-1.19412	0.946049	0.994049	-1.00599	0.968492	1.00349	1.00349	0.0192242	0.778935	-1.2838	0.100965	1.17168	1.17168
cg19635501	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0577854	0.0292059	0.653504	-1.53021	0.951836	1.01005	1.01005	0.309055	0.840055	-1.1904	0.254443	0.821184	-1.21775	0.877595	0.974806	-1.02585
cg03665132	C1orf86	0.0577855	0.168649	2.12291	2.12291	0.473324	1.45398	1.45398	0.617058	1.29528	1.29528	0.269841	1.80345	1.80345	0.77365	1.15951	1.15951
cg03756121	ARFIP2;FXC1	0.0577876	0.83749	0.978381	-1.0221	0.221076	1.14671	1.14671	0.236612	1.14107	1.14107	0.222637	1.14612	1.14612	0.352341	1.10722	1.10722
cg14224545	TLE6;TLE6	0.0577903	0.537155	0.814989	-1.22701	0.241453	1.49395	1.49395	0.274862	1.45055	1.45055	0.0160579	0.381091	-2.62405	0.0802195	0.529727	-1.88776
cg02886838	SYNE2;SYNE2	0.0577919	0.617195	0.847556	-1.17986	0.0202552	0.398998	-2.50628	0.0134913	0.366501	-2.72851	0.241567	0.668755	-1.49532	0.0063671	0.311765	-3.20755
cg09615915	FAM90A10	0.057792	0.0481799	0.400089	-2.49944	0.661267	0.836214	-1.19587	0.00774559	0.249691	-4.00496	0.17488	0.556897	-1.79567	0.0224565	0.329804	-3.0321
cg20492401	KIAA0195	0.0577921	0.4958	0.922753	-1.08371	0.0859724	0.802064	-1.24678	0.150272	1.19633	1.19633	0.290665	0.880317	-1.13595	0.0308995	0.744823	-1.3426
cg16527057	ETV3L	0.0577925	0.350568	0.837694	-1.19375	0.168089	0.762792	-1.31097	0.132169	0.741179	-1.3492	0.321321	0.827899	-1.20788	0.0215178	0.601121	-1.66356
cg13726313	FOXP1	0.0577941	0.0375313	0.490174	-2.04009	0.0457347	0.508288	-1.96739	0.0234252	0.449329	-2.22554	0.130667	0.617394	-1.61971	0.0372139	0.489409	-2.04328
cg19104112	RALA	0.0577981	0.560643	1.08429	1.08429	0.845521	0.973526	-1.02719	0.33887	1.14522	1.14522	0.528419	1.09182	1.09182	0.375797	0.882479	-1.13317
cg12647030	FBXO38;FBXO38	0.0577991	0.0448229	0.48098	-2.07909	0.906094	1.03822	1.03822	0.538334	0.820358	-1.21898	0.910746	0.964988	-1.03628	0.871952	0.950025	-1.0526
cg10124548	RASA3	0.0577997	0.541608	1.41801	1.41801	0.0817697	0.336142	-2.97493	0.0318188	0.241193	-4.14605	0.219307	2.07542	2.07542	0.012606	0.173205	-5.77351
cg12237948	STK35	0.0578001	0.61694	0.822913	-1.2152	0.382383	0.707352	-1.41372	0.227765	0.61304	-1.63121	0.148262	0.549161	-1.82096	0.0150846	0.315281	-3.17177
cg03532013	POU2F2	0.0578021	0.0184815	0.222595	-4.49246	0.749333	0.844883	-1.1836	0.298363	1.76262	1.76262	0.120396	0.412395	-2.42486	0.0299865	0.261213	-3.82829
cg19626737	ITGA11	0.0578024	0.0298564	0.38358	-2.60701	0.00964737	0.288469	-3.46657	0.0515201	0.437585	-2.28527	0.282589	0.663421	-1.50734	0.103879	0.517465	-1.9325
cg02788264	FXYD4	0.0578026	0.735002	1.2754	1.2754	0.00921153	0.0937453	-10.6672	0.128263	0.308118	-3.24551	0.387653	0.530455	-1.88517	0.0388315	0.180356	-5.54458
cg00393470	LRRC58	0.0578031	0.00740402	0.155647	-6.42479	0.958502	1.02845	1.02845	0.52187	1.41905	1.41905	0.550867	1.38452	1.38452	0.552339	0.723159	-1.38282
cg18590335	CACNB1	0.0578036	0.680323	1.19578	1.19578	0.898304	0.946314	-1.05673	0.387064	0.682066	-1.46613	0.731966	1.15995	1.15995	0.365144	0.669264	-1.49418
cg03752259	SDK1;SDK1	0.057804	0.826453	1.11595	1.11595	0.0322732	3.49947	3.49947	0.93961	1.03858	1.03858	0.0862229	2.57806	2.57806	0.999312	1.00043	1.00043
cg05206884	SYN3;SYN3	0.0578043	0.242351	1.51574	1.51574	0.565588	0.820846	-1.21826	0.0735715	0.507606	-1.97003	0.136484	1.72511	1.72511	0.36716	1.3701	1.3701
cg01916632	PDSS2	0.0578046	0.15793	1.73649	1.73649	0.011233	3.19353	3.19353	0.287764	1.49697	1.49697	0.285931	1.49945	1.49945	0.408224	0.734024	-1.36235
cg14176797	GNAS;GNAS;GNAS;GNASAS	0.0578074	0.690313	0.925394	-1.08062	0.377624	0.839235	-1.19156	0.551797	0.889983	-1.12362	0.948523	0.987578	-1.01258	0.50445	1.14012	1.14012
cg12372106	IGFBP7	0.0578085	0.199191	0.487933	-2.04946	0.267965	1.84113	1.84113	0.232609	0.515755	-1.93891	0.352895	0.603114	-1.65806	0.0103556	0.181185	-5.51923
cg20132003	ORAI1	0.0578091	0.855513	1.04173	1.04173	0.746875	0.929934	-1.07534	0.600433	0.888211	-1.12586	0.418177	0.830633	-1.2039	0.00373246	0.415422	-2.40719
cg10398774	GP5	0.0578095	0.263228	2.47267	2.47267	0.0256197	7.83058	7.83058	0.188036	2.95274	2.95274	0.098808	4.07471	4.07471	0.321681	2.21367	2.21367
cg00488734	MMP15	0.0578101	0.836614	0.946476	-1.05655	0.176303	1.46662	1.46662	0.274557	0.738712	-1.35371	0.165719	1.4826	1.4826	0.00449588	0.364607	-2.74268
cg21952627	ATP9B	0.057812	0.815718	0.950288	-1.05231	0.0163115	0.526547	-1.89917	0.691038	0.916444	-1.09117	0.48572	0.856657	-1.16733	0.0622755	1.5815	1.5815
cg21892720	LAIR1;LAIR1	0.0578123	0.068816	0.689462	-1.45041	0.9561	1.0101	1.0101	0.0402412	1.54145	1.54145	0.0106616	0.556445	-1.79712	0.723351	0.937165	-1.06705

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04091914	0.935231	0.963712	-1.03765	0.00473367	0.181529	-5.50875	0.687526	0.832035	-1.20187	0.384677	0.66675	-1.49981	3.20687	10.5043	2.9116	1
cg06352855	0.0323202	0.427719	-2.33798	0.0234003	0.39941	-2.50369	0.879374	0.94984	-1.05281	0.50563	0.795428	-1.25718	3.20686	5.83195	1.61652	1
cg19916067	0.0586129	1.2967	1.2967	0.0817913	1.26435	1.26435	0.430714	0.906816	-1.10276	0.368292	1.11895	1.11895	3.20685	0.751236	0.208231	1
cg16575821	0.672256	0.964048	-1.03729	0.0254881	0.795785	-1.25662	0.48611	0.940922	-1.06279	0.500148	1.06066	1.06066	3.20685	0.376024	0.104228	1
cg02234281	0.181797	1.89442	1.89442	0.453522	1.41086	1.41086	0.0365451	2.99015	2.99015	0.291018	1.63875	1.63875	3.20683	10.3207	2.86075	1
cg11075148	0.523914	0.89209	-1.12096	0.103115	0.72963	-1.37056	0.827029	1.03945	1.03945	0.226437	0.798884	-1.25175	3.20682	1.58746	0.440023	1
cg14120359	?	?	?	0.686899	1.30081	1.30081	0.467852	0.619139	-1.61515	0.930256	0.94477	-1.05846	3.30821	17.1657	5.93008	1
cg21395519	0.118378	1.30733	1.30733	0.0220415	0.647875	-1.54351	0.0236538	0.652439	-1.53271	0.910371	0.982358	-1.01796	3.20678	1.26895	0.351741	1
cg02808233	0.246695	0.913452	-1.09475	0.00947522	0.782182	-1.27848	0.344108	0.929761	-1.07554	0.698113	1.02956	1.02956	3.20675	0.283626	0.0786192	1
cg14741698	0.406888	1.29484	1.29484	0.750621	1.10198	1.10198	0.121355	1.66779	1.66779	0.352566	0.747268	-1.33821	3.20674	4.71053	1.30573	1
cg00329447	0.0612416	2.85242	2.85242	0.963844	0.977724	-1.02278	0.349167	0.619417	-1.61442	0.004127	6.7642	6.7642	3.20671	12.5439	3.47712	1
cg04605697	0.00909725	0.409717	-2.44071	0.248832	1.38339	1.38339	0.748297	1.09055	1.09055	0.0220578	0.477489	-2.09429	3.20671	3.68153	1.02051	1
cg07036530	0.352023	1.65836	1.65836	0.00525638	0.143148	-6.98577	0.0369729	0.278182	-3.59477	0.0848453	0.365502	-2.73596	3.20671	14.1666	3.92694	1
cg19817126	0.29116	0.671262	-1.48973	0.071953	0.477381	-2.09476	0.0233241	0.364595	-2.74277	0.469722	0.76581	-1.30581	3.46558	7.03468	1.57879	1
cg07161429	0.361817	0.49613	-2.0156	0.0242886	0.134291	-7.44653	0.307801	0.454125	-2.20204	0.571391	0.652004	-1.53373	3.20666	28.3973	7.87178	1
cg01011757	0.184	0.31802	-3.14445	0.0501899	0.16285	-6.14062	0.0186548	0.0984841	-10.1539	0.0188987	0.0991451	-10.0862	3.20663	33.558	9.30239	1
cg27243389	0.523496	0.892928	-1.11991	0.160009	0.76878	-1.30076	0.0340823	1.5422	1.5422	0.0415635	1.50922	1.50922	3.20663	1.55815	0.431924	1
cg15910994	0.0797817	1.73496	1.73496	0.146918	1.55087	1.55087	0.530656	1.19416	1.19416	0.0122949	2.46112	2.46112	3.46544	4.17707	0.937494	1
cg13782816	0.0222401	0.212847	-4.69822	0.0117601	0.16921	-5.90982	0.0614978	0.304439	-3.28474	0.1775	0.445247	-2.24595	3.20652	16.1878	4.48745	1
cg18060742	0.124914	0.325813	-3.06925	0.0037565	0.0712911	-14.027	0.265339	0.456725	-2.1895	0.181779	0.384074	-2.60366	3.20651	23.1469	6.41664	1
cg01138791	0.0987914	0.735209	-1.36016	0.00426347	1.91529	1.91529	0.359061	0.851918	-1.17382	0.658557	0.927207	-1.07851	3.20649	1.46668	0.406585	1
cg11228876	0.7083	0.866996	-1.15341	0.00582656	0.23893	-4.18533	0.41164	0.726407	-1.37664	0.266819	1.55548	1.55548	3.46532	7.7367	1.73647	1
cg08827584	0.741471	0.906695	-1.10291	0.0519025	1.92401	1.92401	0.638374	1.15033	1.15033	0.0536391	0.522901	-1.91241	3.20645	4.44526	1.23231	1
cg18442181	0.844121	1.0254	1.0254	0.00196796	0.572721	-1.74605	0.342867	1.1326	1.1326	0.90022	1.01611	1.01611	3.20639	0.824483	0.228567	1
cg09639715	0.0561499	0.299601	-3.33778	0.0213456	0.214072	-4.67133	0.018976	0.205384	-4.86893	0.468683	0.663103	-1.50806	3.20638	15.7681	4.37132	1
cg07049833	0.1095	0.73091	-1.36816	0.0039357	0.498121	-2.00754	0.89029	1.0251	1.0251	0.334278	0.836196	-1.19589	3.20631	1.63878	0.454321	1
cg19331426	0.131502	0.602472	-1.65983	0.21058	1.50768	1.50768	0.0282888	0.446687	-2.23871	0.0382716	0.473657	-2.11123	3.2063	4.9185	1.36356	1
cg10271272	0.253538	0.707906	-1.41262	0.166216	0.652017	-1.5337	0.447979	1.25111	1.25111	0.144897	0.635359	-1.57391	3.20627	4.26167	1.18148	1
cg10580691	0.353477	0.871654	-1.14724	0.00610143	0.597472	-1.67372	0.763821	1.04431	1.04431	0.630788	0.932696	-1.07216	3.20624	1.05124	0.291443	1
cg02143743	0.0807344	3.56347	3.56347	0.0104233	8.2981	8.2981	0.0330269	5.13236	5.13236	0.0702584	3.77227	3.77227	3.20622	21.8593	6.06025	1
cg03053346	0.0417581	0.685704	-1.45836	0.262317	0.828696	-1.20672	0.687432	1.06719	1.06719	0.00593879	0.560784	-1.78322	3.2062	1.31245	0.363865	1
cg02855833	0.324269	0.852869	-1.17251	0.0120909	0.613148	-1.63093	0.347552	0.859669	-1.16324	0.00300696	0.529391	-1.88896	3.20618	1.24109	0.344082	1
cg09509144	0.136805	1.5374	1.5374	0.0355945	1.92791	1.92791	0.359782	1.28745	1.28745	0.370581	1.27984	1.27984	3.20615	3.6566	1.01378	1
cg11164142	0.0445823	1.41092	1.41092	0.011683	1.60052	1.60052	0.0693153	0.738378	-1.35432	0.768525	1.04504	1.04504	3.20614	1.1313	0.313647	1
cg20343827	0.532029	0.820401	-1.21892	0.0120623	0.375682	-2.66183	0.107275	0.577069	-1.7329	0.674415	1.14127	1.14127	3.20614	4.96668	1.37699	1
cg24492886	0.123043	0.355206	-2.81526	0.0103452	0.13519	-7.39701	0.0271186	0.197776	-5.05623	0.167863	0.402279	-2.48584	3.20613	19.4891	5.40329	1
cg06008724	0.586633	1.32576	1.32576	0.169092	0.471184	-2.12231	0.529481	1.38707	1.38707	0.974881	1.0163	1.0163	3.20612	13.396	3.71402	1
cg18158306	0.466813	0.701009	-1.42652	0.00711549	0.188645	-5.30096	0.504103	0.722364	-1.38434	0.126913	0.452932	-2.20784	3.20609	11.6864	3.24006	1
cg07999090	0.982895	0.992242	-1.00782	0.72992	1.13417	1.13417	0.328215	0.693065	-1.44287	0.551467	0.803405	-1.2447	3.20606	6.70164	1.85805	1
cg13545538	0.903894	0.98695	-1.01322	0.502358	0.928642	-1.07684	0.472714	0.923648	-1.08266	0.0425015	0.775672	-1.2892	3.20605	0.600464	0.166481	1
cg07740574	0.211651	0.795423	-1.25719	0.594924	0.910875	-1.09785	0.621068	0.916973	-1.09054	0.373286	0.853009	-1.17232	3.20604	1.53637	0.425965	1
cg13305444	0.479732	0.606598	-1.64854	0.0152543	0.125797	-7.94929	0.735702	1.26583	1.26583	0.0743415	0.250709	-3.98869	3.20603	24.582	6.81551	1
cg07298104	0.55095	1.07282	1.07282	0.0212154	1.38088	1.38088	0.365025	0.897238	-1.11453	0.120005	0.821602	-1.21713	3.206	0.68915	0.191072	1
cg17431079	0.631914	1.21765	1.21765	0.119994	0.502477	-1.99014	0.0156653	3.3492	3.3492	0.372776	0.688436	-1.45257	3.20599	8.45272	2.34359	1
cg24861098	0.68755	0.856911	-1.16698	0.712598	0.868252	-1.15174	0.603786	1.22168	1.22168	0.81067	1.09588	1.09588	3.88411	7.56834	1.4614	1
cg23055707	0.0340693	0.16695	-5.9898	0.0292318	0.1558	-6.41848	0.109503	0.282862	-3.53529	0.0414322	0.18232	-5.48486	3.20597	26.5933	7.37327	1
cg22164916	?	?	?	0.585436	0.574876	-1.73951	0.482781	2.04814	2.04814	0.990869	0.988564	-1.01157	3.25106	46.2351	14.2216	1
cg04998375	0.278128	0.752383	-1.32911	0.203954	0.713029	-1.40247	0.280945	1.32673	1.32673	0.130804	0.662585	-1.50924	3.20589	3.23144	0.895972	1
cg03236534	0.34222	1.47109	1.47109	0.13382	1.89231	1.89231	0.728505	0.871575	-1.14735	0.769308	0.890472	-1.123	3.20589	7.89997	2.19041	1
cg00484358	0.452303	0.576133	-1.73571	0.0824862	3.99516	3.99516	0.0127237	9.2951	9.2951	0.386054	1.89632	1.89632	3.20587	26.3317	7.30095	1
cg18542992	0.844871	0.963146	-1.03826	0.00152468	0.416963	-2.39829	0.347798	1.20357	1.20357	0.556483	0.892251	-1.12076	3.20587	1.8655	0.517246	1
cg09274113	0.254706	0.62836	-1.59144	0.0386493	0.392299	-2.54908	0.00976574	0.278962	-3.58472	0.78074	0.89671	-1.11519	3.20586	7.75052	2.14899	1
cg00600033	0.12146	0.54317	-1.84104	0.00356229	0.238	-4.20167	0.0479459	0.439578	-2.27491	0.0621289	0.466069	-2.1456	3.20586	6.70926	1.86028	1
cg02781105	0.873525	0.952332	-1.05005	0.0284033	0.452419	-2.21034	0.0314799	0.461415	-2.16725	0.98893	0.995756	-1.00426	3.20582	4.77266	1.32333	1
cg07681748	0.723471	0.809408	-1.23547	0.0281174	0.213624	-4.68112	0.167275	0.416348	-2.40184	0.468734	0.644829	-1.5508	3.20578	17.9871	4.98741	1
cg19632760	0.174231	1.46339	1.46339	0.148348	0.6647	-1.50444	0.760424	0.922595	-1.0839	0.368393	1.27555	1.27555	3.20578	3.52324	0.976915	1
cg07492770	0.197904	2.68531	2.68531	0.242779	2.42846	2.42846	0.00339541	18.0064	18.0064	0.189496	2.7423	2.7423	3.20578	26.7494	7.417	1
cg24965937	0.0109152	0.739523	-1.35222	0.0312968	0.787735	-1.26946	0.0437245	0.803365	-1.24476	0.0252673	0.777842	-1.28561	3.20577	0.45284	0.125563	1
cg13417862	0.533286	0.804467	-1.24306	0.00554057	0.284568	-3.5141	0.359461	1.38388	1.38388	0.191384	1.61117	1.61117	3.20576	6.03673	1.67385	1
cg02186769	0.443068	1.14159	1.14159	0.0353865	1.51412	1.51412	0.973702	1.0056	1.0056	0.00421243	1.9135	1.9135	3.20573	1.45577	0.403657	1
cg07236445	0.0893101	0.407328	-2.45503	0.00794887	5.11101	5.11101	0.750007	1.16561	1.16561	0.516283	1.37095	1.37095	3.25081	10.5174	3.23531	1
cg15629893	0.640104	1.08808	1.08808	0.53927	1.11786	1.11786	0.0983756	0.722575	-1.38394	0.294832	0.823037	-1.21501	3.20569	1.63142	0.452367	1
cg18397450	0.278489	0.771093	-1.29686	0.0616722	0.615376	-1.62502	0.370771	0.808956	-1.23616	0.209469	0.737016	-1.35682	3.20568	2.70174	0.749152	1
cg04664126	0.24528	1.76933	1.76933	0.459764	1.42387	1.42387	0.502991	0.72677	-1.37595	0.526336	1.35179	1.35179	3.20568	11.1918	3.10332	1
cg04671742	0.694179	1.10803	1.10803	0.0956897	0.621818	-1.60819	0.194124	1.42852	1.42852	0.733077	1.09294	1.09294	3.20568	3.42167	0.948781	1
cg27204266	0.142586	0.436147	-2.2928	0.015656	0.210153	-4.75843	0.0647832	0.335547	-2.98021	0.284554	0.556955	-1.79548	3.20561	14.0729	3.90231	1
cg17520919	0.00779723	0.357701	-2.79563	0.239502	1.44876	1.44876	0.0513926	0.512965	-1.94945	0.543452	0.831023	-1.20334	3.20561	4.5988	1.27521	1
cg07365816	0.693147	0.895198	-1.11707	0.00609109	0.368023	-2.71722	0.572464	1.17259	1.17259	0.344244	1.31255	1.31255	3.20559	3.95643	1.09709	1
cg11909865	0.677967	1.23929	1.23929	0.159816	0.46223	-2.16343	0.98246	1.01136	1.01136	0.412395	1.53815	1.53815	3.20556	13.4014	3.71616	1
cg11202265	0.0448152	3.80414	3.80414	0.00478692	8.77828	8.77828	0.0192227	5.17174	5.17174	0.0770863	3.12796	3.12796	3.20556	17.087	4.73816	1
cg05827267	0.503445	0.638585	-1.56596	0.833504	1.14917	1.14917	0.46377	1.63652	1.63652	0.585725	1.43841	1.43841	3.25065	19.9663	6.14225	1
cg21490755	0.916915	0.975313	-1.02531	0.0167229	0.496749	-2.01309	0.547071	0.864185	-1.15716	0.21659	1.36542	1.36542	3.20551	2.91314	0.807814	1
cg11241278	0.359483	0.821	-1.21803	0.507476	1.15115	1.15115	0.744892	0.933936	-1.07074	0.0803935	0.666313	-1.5008	3.2055	2.22478	0.616932	1
cg21748244	0.220305	0.652493	-1.53258	0.0233146	0.407358	-2.45484	0.314973	0.708756	-1.41092	0.017307	0.382722	-2.61286	3.20549	5.57232	1.54522	1
cg03208093	0.275132	1.25151	1.25151	0.00410368	0.467278	-2.14005	0.0972933	1.43269	1.43269	0.366571	1.20116	1.20116	3.20548	1.98217	0.549662	1
cg19683073	0.0948407	2.10499	2.10499	0.0284946	0.350607	-2.8522	0.259989	1.61028	1.61028	0.0922596	0.471729	-2.11986	3.20543	8.34589	2.31438	1
cg26940226	0.0343225	1.32633	1.32633	0.0093616	1.45783	1.45783	0.181744	1.17604	1.17604	0.600586	0.94136	-1.06229	3.20538	0.664273	0.184211	1
cg22499719	0.243208	1.32248	1.32248	0.322552	0.791448	-1.26351	0.0534907	0.605323	-1.65201	0.659822	0.903584	-1.1067	3.20532	2.65963	0.737559	1
cg09175289	0.952551	0.976325	-1.02425	0.0681181	2.2763	2.2763	0.00556257	4.33401	4.33401	0.0811643	2.17822	2.17822	3.20529	8.2303	2.28242	1
cg00697703	0.780214	0.830382	-1.20427	0.0077656	0.103164	-9.69333	0.0152485	0.138088	-7.24176	0.0427276	0.212262	-4.71116	3.20527	22.412	6.21533	1
cg05064739	0.348229	0.692875	-1.44326	0.033848	0.39014	-2.56318	0.13002	0.537235	-1.86138	0.131134	0.538353	-1.85752	3.20525	7.32699	2.03194	1
cg18805367	0.00950774	0.179584	-5.56842	0.339246	0.597591	-1.67339	0.188504	2.07148	2.07148	0.378434	1.60373	1.60373	3.20525	13.8687	3.8461	1
cg18937014	0.235646	1.23778	1.23778	0.0515143	0.683557	-1.46294	0.113185	1.34433	1.34433	0.505441	1.12298	1.12298	3.20524	1.49551	0.41474	1
cg06131338	0.363611	1.19364	1.19364	0.00884739	1.88095	1.88095	0.898107	0.976004	-1.02459	0.582575	1.11097	1.11097	3.20523	1.82458	0.506	1
cg13451953	0.317482	0.757894	-1.31945	0.498326	0.831593	-1.20251	0.800913	0.934461	-1.07014	0.443819	0.811038	-1.23299	3.20522	3.6534	1.01318	1
cg06617449	0.915328	1.04075	1.04075	0.0938914	0.500637	-1.99745	0.033844	2.53599	2.53599	0.420325	1.36238	1.36238	3.20519	7.1613	1.98603	1
cg24368031	0.0438027	0.250707	-3.98873	0.00713373	0.125598	-7.96192	0.103153	0.344949	-2.89898	0.0880935	0.325077	-3.0762	3.20519	18.0946	5.01816	1
cg21105318	0.177027	1.46068	1.46068	0.370056	1.27516	1.27516	0.0159146	2.18064	2.18064	0.029812	1.96429	1.96429	3.20515	3.5396	0.981642	1
cg13724182	0.772184	1.14456	1.14456	0.162475	0.499787	-2.00085	0.0267506	3.3894	3.3894	0.275009	0.589652	-1.69592	3.20511	10.9809	3.0454	1
cg11283640	0.899782	0.976647	-1.02391	0.370137	0.841465	-1.1884	0.341793	0.832179	-1.20166	0.0791634	1.44131	1.44131	3.20507	1.78553	0.495196	1
cg13170179	0.300484	1.23904	1.23904	0.798236	0.950114	-1.05251	0.449309	1.16651	1.16651	0.668437	0.917527	-1.08989	3.20506	2.02579	0.561832	1
cg10960433	0.440612	0.757166	-1.32071	0.00617777	0.282743	-3.53678	0.586284	1.21456	1.21456	0.0312711	0.409098	-2.4444	3.20503	6.35088	1.76137	1
cg07354129	0.103453	0.624979	-1.60005	0.00775035	0.405511	-2.46602	0.671675	0.893576	-1.1191	0.0476217	1.81828	1.81828	3.20499	3.53596	0.980682	1
ch.4.1647744F	0.0535049	4.13123	4.13123	0.0216321	0.167972	-5.95339	0.522932	1.52016	1.52016	0.76307	1.216	1.216	3.25002	19.1451	5.89075	1
cg17882867	0.348392	0.577449	-1.73176	0.0532444	0.286758	-3.48727	0.157466	2.36279	2.36279	0.449654	0.645202	-1.5499	3.20492	16.4227	4.55484	1
cg19219778	0.935577	1.02786	1.02786	0.858252	0.941035	-1.06266	0.205995	1.57384	1.57384	0.289092	0.687908	-1.45368	3.20489	5.86615	1.627	1
cg04674143	0.00224949	1.65619	1.65619	0.10517	0.8115	-1.23229	0.740288	1.04002	1.04002	0.553739	0.931771	-1.07322	3.20485	0.70643	0.195933	1
cg12843872	0.395246	0.901926	-1.10874	0.0128454	0.693295	-1.44239	0.981014	1.00283	1.00283	0.96788	1.00479	1.00479	3.20485	0.713391	0.197864	1
cg10549831	0.016674	3.67123	3.67123	0.175347	1.89892	1.89892	0.00987967	4.26586	4.26586	0.25543	1.69606	1.69606	3.20485	10.0501	2.78746	1
cg27459437	0.250979	3.12821	3.12821	0.00400715	39.5171	39.5171	0.172866	3.97178	3.97178	0.110992	5.21188	5.21188	3.20484	45.887	12.7272	1
cg16488021	0.862728	0.935444	-1.06901	0.88026	1.05985	1.05985	0.473485	1.32463	1.32463	0.0589778	0.439414	-2.27576	3.20483	7.54744	2.09335	1
cg17295842	0.179129	1.32427	1.32427	0.0467713	1.56523	1.56523	0.424435	0.85168	-1.17415	0.486772	1.1492	1.1492	3.20483	1.96599	0.545286	1
cg02101338	0.901107	1.03098	1.03098	0.592148	1.14193	1.14193	0.0429175	1.77147	1.77147	0.521843	1.17272	1.17272	3.20481	3.05716	0.847938	1
cg13073302	0.381339	0.594283	-1.6827	0.0125898	0.165587	-6.03913	0.0270875	0.21947	-4.55642	0.299801	0.536455	-1.86409	3.2048	17.0497	4.72894	1
cg24842354	0.136305	1.42932	1.42932	0.00913397	2.08954	2.08954	0.0774998	1.5476	1.5476	0.887836	0.969082	-1.0319	3.20477	2.51371	0.697213	1
cg20991612	0.868564	0.985498	-1.01472	0.0454354	0.816781	-1.22432	0.0523431	0.823136	-1.21487	0.267485	1.10726	1.10726	3.20475	0.394882	0.109527	1
cg19635501	0.671266	1.07323	1.07323	0.00628997	1.80263	1.80263	0.965209	1.00725	1.00725	0.148259	1.29272	1.29272	3.20475	1.39118	0.385868	1
cg03665132	0.272285	1.7976	1.7976	0.00279617	8.28524	8.28524	0.00957234	5.38567	5.38567	0.174488	2.09867	2.09867	3.20474	13.3689	3.70807	1
cg03756121	0.577181	1.06177	1.06177	0.00370211	0.658769	-1.51798	0.424798	0.916915	-1.09061	0.145752	1.18082	1.18082	3.2047	0.574816	0.159437	1
cg14224545	0.031993	0.439279	-2.27646	0.0301277	0.433922	-2.30456	0.387676	0.748358	-1.33626	0.697221	0.879848	-1.13656	3.20464	5.44006	1.50894	1
cg02886838	0.339669	0.723975	-1.38126	0.745529	0.898631	-1.1128	0.501203	0.79926	-1.25116	0.072558	0.518102	-1.93012	3.20461	5.46761	1.5166	1
cg09615915	0.550106	0.782475	-1.278	0.450839	0.732218	-1.36571	0.373556	0.690343	-1.44856	0.0122185	0.2818	-3.54861	3.2046	8.35298	2.31694	1
cg20492401	0.151162	0.836262	-1.1958	0.556243	0.933155	-1.07163	0.0665203	1.27022	1.27022	0.0795606	1.25384	1.25384	3.2046	0.685843	0.190239	1
cg16527057	0.724967	1.06728	1.06728	0.00959418	1.83025	1.83025	0.757017	0.944399	-1.05887	0.464969	0.871905	-1.14691	3.20459	1.72441	0.478316	1
cg13726313	0.13584	0.621962	-1.60782	0.312836	1.3613	1.3613	0.840478	0.942195	-1.06135	0.368445	1.31381	1.31381	3.20456	4.43028	1.22888	1
cg19104112	0.794203	1.03661	1.03661	0.00148823	0.532482	-1.878	0.185572	0.82442	-1.21297	0.693016	0.946889	-1.05609	3.20447	0.960155	0.266338	1
cg12647030	0.00461811	0.301832	-3.31311	0.0856301	0.546709	-1.82913	0.158258	1.61511	1.61511	0.385638	1.32668	1.32668	3.20445	5.12654	1.42206	1
cg10124548	0.942205	1.04183	1.04183	0.64159	1.30339	1.30339	0.0473244	0.277308	-3.6061	0.782015	1.16974	1.16974	3.20444	16.2143	4.49773	1
cg12237948	0.390829	0.711899	-1.40469	0.00462201	0.233062	-4.2907	0.0191352	0.334268	-2.99161	0.272061	0.642839	-1.5556	3.20443	7.5808	2.10287	1
cg03532013	0.546505	0.725518	-1.37833	0.0441228	0.296403	-3.37378	0.12671	2.38358	2.38358	0.2461	0.528447	-1.89234	3.20439	14.031	3.89217	1
cg19626737	0.187825	0.597789	-1.67283	0.0239271	0.36331	-2.75247	0.0167193	0.33226	-3.00969	0.158004	0.572803	-1.7458	3.46287	7.16686	1.60971	1
cg02788264	0.2982	0.462021	-2.1644	0.196953	0.376531	-2.65583	0.0109282	0.101543	-9.84809	0.0599856	0.218842	-4.56951	3.20437	26.0202	7.21798	1
cg00393470	0.660098	1.26948	1.26948	0.0283768	0.247815	-4.03526	0.995149	0.996728	-1.00328	0.0209933	0.223782	-4.46863	3.20436	14.7521	4.09222	1
cg18590335	0.279716	1.62413	1.62413	0.0112415	3.93788	3.93788	0.00551758	4.82676	4.82676	0.291564	1.60367	1.60367	3.20435	9.45201	2.62199	1
cg03752259	0.0153296	4.42368	4.42368	0.0114652	4.85662	4.85662	0.0872477	2.56853	2.56853	0.0696844	2.75532	2.75532	3.20434	12.6672	3.51389	1
cg05206884	0.380306	1.35784	1.35784	0.576055	1.21169	1.21169	0.00367152	3.8003	3.8003	0.166371	1.65136	1.65136	3.20434	5.86332	1.6265	1
cg01916632	0.102294	1.92243	1.92243	0.0448794	2.3199	2.3199	0.0145801	3.00321	3.00321	0.63576	0.839958	-1.19054	3.20433	6.78105	1.88108	1
cg14176797	0.160966	1.33627	1.33627	0.00144353	2.43877	2.43877	0.681662	0.923255	-1.08312	0.566823	1.1186	1.1186	3.20427	1.90214	0.527668	1
cg12372106	0.1005	0.386077	-2.59016	0.0594252	0.324478	-3.08188	0.225045	1.96216	1.96216	0.0482337	0.302978	-3.30057	3.20425	14.1998	3.93916	1
cg20132003	0.244205	0.760877	-1.31427	0.0239227	1.83016	1.83016	0.656887	0.904581	-1.10548	0.535806	0.8688	-1.15101	3.20423	2.55331	0.708317	1
cg10398774	0.0658174	4.96398	4.96398	0.0241722	8.05552	8.05552	0.00841793	13.6258	13.6258	0.0324256	6.98494	6.98494	3.20423	30.5726	8.48119	1
cg00488734	0.0794893	0.595397	-1.67955	0.152344	0.664699	-1.50444	0.817169	0.940175	-1.06363	0.363854	0.779905	-1.28221	3.20421	3.60121	0.999021	1
cg21952627	0.532854	0.871129	-1.14794	0.0213387	1.82984	1.82984	0.406083	0.830571	-1.20399	0.166687	0.724667	-1.37994	3.20417	2.42085	0.671582	1
cg21892720	0.921225	0.982101	-1.01822	0.070875	1.44555	1.44555	0.780737	1.05227	1.05227	0.731733	0.9391	-1.06485	3.20416	1.69185	0.469349	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16523704	USP4;USP4;C3orf62	0.0578136	0.0899567	0.505994	-1.97631	0.262108	1.53145	1.53145	0.00773086	3.4803	3.4803	0.946808	0.975974	-1.02462	0.476951	0.768292	-1.30159	0.419122	0.740148	-1.35108	0.265753	0.655274	-1.52608	0.791176	1.10156	1.10156	0.041069	2.36129	2.36129	3.20414	6.74196	1.87035	1
cg22434506	IFFO1;IFFO1;IFFO1	0.0578139	0.00753296	3.05709	3.05709	0.130249	1.70079	1.70079	0.246875	1.48213	1.48213	0.625177	1.17351	1.17351	0.57062	0.830063	-1.20473	0.305972	1.4112	1.4112	0.0224565	2.4316	2.4316	0.0139358	2.68327	2.68327	0.533074	1.22772	1.22772	3.20413	5.35893	1.48667	1
cg10207787	PPP2R2A	0.0578144	0.603537	0.932489	-1.0724	0.0132611	0.663998	-1.50603	0.52076	0.916821	-1.09073	0.927018	1.0123	1.0123	0.265705	1.16735	1.16735	0.439166	1.111	1.111	0.00747358	1.58323	1.58323	0.876165	0.97941	-1.02102	0.450124	1.10812	1.10812	3.20412	0.903224	0.250573	1
cg02697519	CASZ1;CASZ1	0.057816	0.0344745	0.430288	-2.32403	0.0258005	0.404463	-2.47241	0.276317	0.678942	-1.47288	0.697691	0.875044	-1.1428	0.0203274	0.384242	-2.60252	0.201306	0.63036	-1.5864	0.397792	0.743744	-1.34455	0.0177622	0.373181	-2.67966	0.293114	1.452	1.452	3.20408	5.93385	1.64619	1
cg22709192	HOXC11;HOXC11	0.0578196	0.489448	1.17711	1.17711	0.137229	0.689523	-1.45028	0.282354	1.29621	1.29621	0.178813	1.39333	1.39333	0.182515	0.719965	-1.38896	0.855662	1.04319	1.04319	0.00819851	0.455857	-2.19367	0.12746	1.46634	1.46634	0.198805	1.37073	1.37073	3.20401	2.73688	0.759293	1
cg18445088	CACNA1I;CACNA1I	0.0578198	0.21722	2.55538	2.55538	0.151255	3.03838	3.03838	0.493452	1.653	1.653	0.529495	1.58459	1.58459	0.0146629	0.114017	-8.77061	0.51213	0.618501	-1.61681	0.22723	0.400077	-2.49952	0.299948	0.460123	-2.17333	0.0240043	6.99831	6.99831	3.204	26.5002	7.35197	1
cg15909737	MITF;MITF	0.0578203	0.149785	0.677305	-1.47644	0.0128145	0.458399	-2.18151	0.388567	0.800138	-1.24978	0.0610219	0.586996	-1.70359	0.012841	0.458553	-2.18077	0.843803	1.05104	1.05104	0.217527	1.38728	1.38728	0.921391	0.975402	-1.02522	0.138284	0.668535	-1.49581	3.20399	3.23078	0.896322	1
cg05151811	VIM	0.0578217	0.064951	0.414736	-2.41117	0.025111	0.322598	-3.09983	0.00337932	0.184027	-5.434	0.273406	0.61629	-1.62261	0.433392	0.712137	-1.40422	0.863639	1.07573	1.07573	0.69828	1.17989	1.17989	0.590161	1.25974	1.25974	0.752097	0.87409	-1.14405	3.20396	9.15109	2.53883	1
cg03820379	NCR2	0.0578219	0.366919	0.81213	-1.23133	0.551721	0.873554	-1.14475	0.0102683	0.483714	-2.06734	0.266239	0.770993	-1.29703	0.244497	0.76083	-1.31435	0.328958	0.797557	-1.25383	0.0105737	2.05849	2.05849	0.631657	0.897234	-1.11454	0.801764	0.945086	-1.0581	3.20396	2.55769	0.709592	1
cg00168191	GNA11	0.0578237	0.391307	1.66582	1.66582	0.0401489	3.96611	3.96611	0.0384264	4.02942	4.02942	0.589509	1.3723	1.3723	0.882317	0.917535	-1.08988	0.790233	0.856498	-1.16755	0.00812434	0.139617	-7.16245	0.35928	1.7292	1.7292	0.868311	0.908087	-1.10122	3.20392	17.1298	4.75246	1
cg24677444	TRIM15	0.0578238	0.580881	0.756229	-1.32235	0.0832862	2.61349	2.61349	?	?	?	0.690663	0.81838	-1.22193	0.0659034	0.355615	-2.81203	0.0469004	0.319878	-3.1262	0.0629498	0.350566	-2.85253	0.113828	0.422321	-2.36787	0.120124	2.32755	2.32755	3.24898	11.4835	3.53448	1
cg24075852	HSPG2	0.0578246	0.0166281	2.49538	2.49538	0.517806	1.22755	1.22755	0.171514	0.634329	-1.57647	0.0590451	1.94757	1.94757	0.287327	1.41262	1.41262	0.580482	0.839832	-1.19071	0.0611729	1.93421	1.93421	0.571784	0.836387	-1.19562	0.0885612	0.555729	-1.79944	3.2039	4.96127	1.37645	1
cg00288481	TMEM200A	0.0578254	0.523652	1.17358	1.17358	0.0408328	0.557298	-1.79437	0.00503395	0.39901	-2.5062	0.984968	0.995345	-1.00468	0.436284	0.821453	-1.21736	0.880626	0.963469	-1.03792	0.0872226	0.626476	-1.59623	0.248528	1.34814	1.34814	0.095653	0.635538	-1.57347	3.20388	3.11197	0.86339	1
cg12546785	RAI1	0.0578274	0.0143598	0.300218	-3.33091	0.18349	0.569724	-1.75524	0.520068	0.771089	-1.29687	0.0923153	0.477771	-2.09305	0.00672806	0.246364	-4.05904	0.252424	0.620887	-1.6106	0.0255914	0.347371	-2.87877	0.825342	1.09211	1.09211	0.215809	0.594913	-1.68092	3.20384	8.06482	2.23754	1
cg17481490	C17orf97	0.05783	0.420199	2.46064	2.46064	0.373361	0.367562	-2.72063	0.00358523	0.00809346	-123.557	0.295522	3.29529	3.29529	0.917473	1.11903	1.11903	?	?	?	0.869099	1.19603	1.19603	0.770024	1.37488	1.37488	0.0821901	0.114202	-8.75638	3.88096	61.2491	11.8365	1
cg24454741	PER3	0.0578314	0.315022	1.62553	1.62553	0.00210918	7.55148	7.55148	0.0139736	4.13516	4.13516	0.150774	2.05462	2.05462	0.41387	1.47788	1.47788	0.365828	1.54415	1.54415	0.216598	1.83677	1.83677	0.417689	1.47297	1.47297	0.827878	1.10719	1.10719	3.20375	11.0954	3.07845	1
cg03585122	HDAC4	0.0578327	0.521431	0.798292	-1.25267	0.422575	0.752787	-1.3284	0.402589	1.34575	1.34575	0.00456291	0.269973	-3.70408	0.0504927	0.461764	-2.16561	0.20465	0.628772	-1.5904	0.584785	0.825902	-1.2108	0.0220301	0.385945	-2.59104	0.107757	0.544206	-1.83754	3.20373	6.09763	1.69182	1
cg20318096	FABP3	0.0578343	0.755482	0.914875	-1.09305	0.00313356	3.15925	3.15925	0.72782	0.905285	-1.10462	0.63101	0.871252	-1.14777	0.418136	1.26571	1.26571	0.0282806	2.09077	2.09077	0.508057	1.21074	1.21074	0.255194	0.712969	-1.40259	0.363909	1.30438	1.30438	3.20369	4.11546	1.14187	1
cg03499675	C6orf27	0.057835	0.0408636	0.438326	-2.28141	0.70121	0.873965	-1.14421	0.274657	0.672221	-1.48761	0.625643	0.842141	-1.18745	0.00179148	0.211678	-4.72415	0.072714	0.496776	-2.01298	0.639084	0.847845	-1.17946	0.47843	0.777385	-1.28636	0.101264	0.534177	-1.87204	3.20367	6.19543	1.71898	1
cg25138553	HSPG2	0.0578376	0.100326	0.487431	-2.05157	0.953849	1.02337	1.02337	0.321192	0.664244	-1.50547	0.578293	0.799201	-1.25125	0.0024011	0.184854	-5.40968	0.462056	0.741673	-1.3483	0.0194558	0.323825	-3.08808	0.232416	0.606612	-1.6485	0.12814	0.51865	-1.92808	3.20362	8.08412	2.24305	1
cg23562479	OR52K2	0.0578379	0.00693098	0.173335	-5.76917	0.0947711	0.398139	-2.51169	0.0327917	0.28578	-3.49919	0.0641871	0.352338	-2.83818	0.380443	0.63684	-1.57025	0.641144	0.790225	-1.26546	0.164014	0.474812	-2.1061	0.0127252	0.211671	-4.72432	0.186453	0.49536	-2.01873	3.20361	12.7636	3.54145	1
cg07270175	NOC3L	0.0578384	0.280288	1.25205	1.25205	0.764058	1.06215	1.06215	0.0014227	2.52052	2.52052	0.410987	1.18339	1.18339	0.0737644	1.49064	1.49064	0.607163	1.10945	1.10945	0.444187	0.85536	-1.1691	0.271615	1.25761	1.25761	0.227419	1.2889	1.2889	3.2036	2.03532	0.56473	1
cg16446346	RASA3	0.0578385	0.269162	1.68215	1.68215	0.575022	1.29176	1.29176	0.0215696	3.48051	3.48051	0.763398	1.14618	1.14618	0.0119335	0.242238	-4.12818	0.647604	0.812219	-1.2312	0.171812	1.92971	1.92971	0.0905937	2.3225	2.3225	0.313959	1.60101	1.60101	3.2036	10.3627	2.8753	1
cg10053203	PFDN2;NIT1	0.057839	0.5868	1.07291	1.07291	0.500834	1.09158	1.09158	0.00490825	1.61284	1.61284	0.52924	0.92151	-1.08518	0.292086	1.15049	1.15049	0.860904	1.02275	1.02275	0.026934	0.714608	-1.39937	0.601138	1.06998	1.06998	0.152675	1.21706	1.21706	3.20359	0.834451	0.231532	1
cg19197905	LCOR;LCOR;LCOR	0.0578417	0.0433714	0.517752	-1.93143	0.0126408	0.41548	-2.40686	0.0503322	0.531488	-1.88151	0.335798	0.754881	-1.32471	0.204583	0.684361	-1.46122	0.16211	0.655139	-1.52639	0.119579	0.619704	-1.61367	0.0838939	1.7193	1.7193	0.940066	0.978921	-1.02153	3.20353	4.07266	1.13005	1
cg04311860	MAD1L1;MAD1L1;MAD1L1	0.0578441	0.281662	0.844731	-1.18381	0.0412916	0.701177	-1.42617	0.074499	0.741067	-1.34941	0.972484	0.994812	-1.00522	0.891069	0.979547	-1.02088	0.0710555	1.35543	1.35543	0.0224871	1.51019	1.51019	0.147595	0.79111	-1.26405	0.79835	0.962126	-1.03936	3.20348	1.15394	0.320191	1
cg21951594	INTU;INTU	0.0578474	0.343942	0.617401	-1.61969	0.137697	0.453514	-2.205	0.506774	0.716644	-1.39539	0.470735	0.695622	-1.43756	0.290759	0.581402	-1.71998	0.212901	0.522618	-1.91344	0.00506892	0.159961	-6.25151	0.00822307	0.187824	-5.32412	0.0375847	0.303225	-3.29789	3.20341	12.4138	3.44462	1
cg21760040	TMEM196	0.0578495	0.14215	0.54031	-1.85079	0.0426636	2.48523	2.48523	0.0229002	0.345804	-2.89181	0.584597	1.24031	1.24031	0.0457983	0.409348	-2.44291	0.160095	0.556825	-1.7959	0.149966	0.547662	-1.82594	0.432599	1.36673	1.36673	0.379202	0.703325	-1.42182	3.20336	7.72116	2.14251	1
cg16786703	ADAM8;ADAM8;ADAM8	0.0578497	0.0261296	0.411079	-2.43262	0.0712394	1.97131	1.97131	0.863829	1.05952	1.05952	0.056844	2.06682	2.06682	0.126753	0.573291	-1.74432	0.400125	1.33659	1.33659	0.233634	1.52289	1.52289	0.0558754	2.07427	2.07427	0.622418	1.18197	1.18197	3.20336	5.75621	1.59727	1
cg01168328	ZFYVE28	0.0578505	0.0418143	0.693751	-1.44144	0.096681	1.32872	1.32872	0.540962	1.10126	1.10126	0.392115	1.14642	1.14642	0.882792	1.02326	1.02326	0.3371	0.857065	-1.16677	0.00973357	1.66464	1.66464	0.609922	0.922938	-1.0835	0.081617	1.35093	1.35093	3.20334	1.23232	0.341954	1
cg17631357	RASGRF1;RASGRF1;RASGRF1	0.057851	0.0899657	0.643341	-1.55438	0.407973	0.818932	-1.2211	0.130153	0.679893	-1.47082	0.899735	0.970689	-1.0302	0.0891246	0.642446	-1.55655	0.187561	0.719197	-1.39044	0.120942	1.48721	1.48721	0.0218712	0.522442	-1.91409	0.0130715	0.483571	-2.06795	3.20333	2.82587	0.784147	1
cg19377326	PUM1;PUM1	0.0578512	0.892105	1.06089	1.06089	0.0175892	0.284157	-3.51918	0.0654232	0.406269	-2.46142	0.148427	1.96434	1.96434	0.744024	0.867002	-1.1534	0.681757	0.835613	-1.19673	0.226954	0.575498	-1.73762	0.0217614	3.31874	3.31874	0.522177	0.753871	-1.32649	3.20333	9.62498	2.67083	1
cg01225850	GNL1;PRR3;PRR3	0.0578512	0.16272	0.577102	-1.73279	0.870136	0.941428	-1.06222	0.149911	1.76726	1.76726	0.817098	0.918089	-1.08922	0.0627709	0.46192	-2.16488	0.206346	0.611588	-1.63509	0.00355534	0.232879	-4.29408	0.100143	0.514511	-1.94359	0.657258	0.848122	-1.17908	3.20333	6.90391	1.91576	1
cg25686125	AR	0.0578533	0.394614	1.62834	1.62834	0.945094	1.03927	1.03927	0.971315	0.980093	-1.02031	0.345427	0.580785	-1.72181	0.179455	0.450523	-2.21964	0.0948649	2.79107	2.79107	0.431254	1.56704	1.56704	0.966521	0.976803	-1.02375	0.00272518	0.0988526	-10.1161	3.20328	15.8636	4.40205	1
cg26536164	RTP3	0.0578542	0.607948	0.871325	-1.14768	0.626228	1.13958	1.13958	0.0502834	0.552096	-1.81128	0.0772719	0.592822	-1.68685	0.0544774	0.559456	-1.78745	0.825432	1.06057	1.06057	0.00501099	0.372164	-2.68699	0.823935	1.06111	1.06111	0.0750513	0.589955	-1.69504	3.20326	3.59494	0.997578	1
cg04874267	EHMT2;EHMT2	0.057855	0.0928945	1.59428	1.59428	0.0403967	1.81718	1.81718	0.991895	0.997441	-1.00257	0.277928	1.32929	1.32929	0.98949	0.996682	-1.00333	0.159566	1.4611	1.4611	0.00195032	3.01986	3.01986	0.789788	1.06973	1.06973	0.237766	1.36616	1.36616	3.20325	3.229	0.896035	1
cg06532613	IPO11;IPO11	0.0578558	0.0451643	0.195462	-5.11609	0.0105144	0.101598	-9.84268	0.144665	0.328638	-3.04287	0.128694	0.311522	-3.21005	0.0245872	0.14932	-6.69703	0.0902988	0.265587	-3.76524	0.0193343	0.134093	-7.45754	0.724941	0.778081	-1.28521	0.094036	0.270441	-3.69766	3.20323	25.5945	7.10242	1
cg24090911	AHRR	0.0578569	0.0247192	0.259587	-3.85227	0.0174124	0.232185	-4.3069	0.0364667	0.293407	-3.40823	0.261666	0.554124	-1.80465	0.0201492	0.243273	-4.11061	0.213415	0.516423	-1.9364	0.0304596	0.277271	-3.60657	0.0644899	0.350802	-2.85061	0.212481	0.515652	-1.93929	3.2032	12.9055	3.58126	1
cg17883742	ZNF264	0.057857	0.016556	0.177074	-5.64737	0.126493	0.376204	-2.65814	0.0424037	0.250987	-3.98427	0.451954	0.635587	-1.57335	0.0263032	0.210478	-4.7511	0.023082	0.200515	-4.98715	0.135422	0.386067	-2.59022	0.0200823	0.190375	-5.25279	0.178863	0.429737	-2.32701	3.2032	17.7441	4.92399	1
cg27125965	ZNF627	0.0578585	0.0836007	1.59828	1.59828	0.035945	1.81763	1.81763	0.00681588	2.35936	2.35936	0.418008	1.22466	1.22466	0.0588167	1.68644	1.68644	0.204336	1.3882	1.3882	0.155932	0.689538	-1.45025	0.323582	1.28359	1.28359	0.706127	1.0972	1.0972	3.20317	3.04212	0.844198	1
cg02782889	IGF2BP1;IGF2BP1	0.0578596	0.384308	0.724331	-1.38058	0.236038	1.56664	1.56664	0.470411	0.766836	-1.30406	0.255923	0.65131	-1.53537	0.16967	1.69703	1.69703	0.0351655	0.411831	-2.42818	0.92657	1.03389	1.03389	0.00758155	3.4615	3.4615	0.623997	1.19557	1.19557	3.20315	6.63121	1.84019	1
cg06613286	TMEM132C	0.0578623	0.0366605	0.323569	-3.09053	0.062258	0.377028	-2.65232	0.00898527	0.213522	-4.68337	0.371532	0.652843	-1.53176	0.0230716	0.282843	-3.53553	0.8335	1.10278	1.10278	0.0277915	0.29861	-3.34885	0.422124	0.683115	-1.46388	0.311438	0.614659	-1.62692	3.20309	10.9572	3.04075	1
cg09971184	MORN1	0.0578624	0.526072	0.919797	-1.0872	0.0611235	1.31602	1.31602	0.908738	0.985188	-1.01503	0.953747	1.00758	1.00758	0.0640127	0.762711	-1.31111	0.97247	0.995519	-1.0045	0.00401862	1.6536	1.6536	0.661915	1.05893	1.05893	0.489863	0.912762	-1.09558	3.20309	0.859071	0.238401	1
cg07978494	PTPRN2;PTPRN2;PTPRN2	0.0578634	0.383565	0.702771	-1.42294	0.680989	0.84943	-1.17726	0.0645462	0.440566	-2.26981	0.0746227	0.456574	-2.19023	0.0157821	0.311103	-3.21437	0.116525	0.510047	-1.9606	0.0110293	0.284031	-3.52074	0.0292471	0.362753	-2.7567	0.057962	0.429082	-2.33056	3.20306	7.90587	2.19397	1
cg14671364	PRMT6	0.057865	0.152819	0.873152	-1.14528	0.0353414	0.804846	-1.24247	0.0633292	1.20321	1.20321	0.085838	0.845203	-1.18315	0.0296018	0.797007	-1.25469	0.133381	0.86638	-1.15423	0.959422	1.00452	1.00452	0.698681	0.966126	-1.03506	0.240574	1.11499	1.11499	3.20303	0.398132	0.110488	1
cg08500704	PRDM13	0.0578671	0.700617	0.770533	-1.2978	0.00193688	0.0518558	-19.2842	0.366502	1.87007	1.87007	0.277409	0.466652	-2.14292	0.0434691	0.208731	-4.79086	0.408477	0.565275	-1.76905	0.759507	0.812876	-1.2302	0.757443	0.811376	-1.23247	0.142214	0.344882	-2.89954	3.20298	23.0946	6.40919	1
cg14276730	CHD6	0.0578697	0.0855107	2.929	2.929	0.424663	1.58561	1.58561	0.346245	1.73049	1.73049	0.109682	2.68036	2.68036	0.93478	1.04736	1.04736	0.319916	1.78799	1.78799	0.258586	1.94729	1.94729	0.00205903	11.6386	11.6386	0.0278915	4.34505	4.34505	3.20293	16.2151	4.50007	1
cg06986734	PVT1	0.0578712	0.164226	0.57884	-1.72759	0.949973	0.977152	-1.02338	0.0279673	0.384232	-2.60259	0.287156	0.665567	-1.50248	0.0549459	0.448547	-2.22942	0.269928	1.5268	1.5268	0.0097515	0.29998	-3.33356	0.352798	1.42219	1.42219	0.166899	0.581099	-1.72088	3.2029	6.88324	1.91028	1
cg18162059	STK32B	0.0578717	0.969486	1.0075	1.0075	0.771077	1.05862	1.05862	0.0187463	1.74393	1.74393	0.0479482	1.55501	1.55501	0.0578636	0.657908	-1.51997	0.110328	1.40463	1.40463	0.0906311	1.43909	1.43909	0.22443	1.28296	1.28296	0.303227	0.81203	-1.23148	3.20289	1.9339	0.53671	1
cg18874332	NR1H4	0.0578727	0.0601208	0.243797	-4.10178	0.0622537	0.24734	-4.04302	0.241474	0.442167	-2.26159	0.329793	0.512027	-1.95302	0.0380591	0.201805	-4.95527	0.180514	0.388105	-2.57662	0.00255673	0.0617359	-16.198	0.119822	0.32521	-3.07494	0.206763	0.412195	-2.42604	3.20286	22.4721	6.23668	1
cg08728892	EPHA4	0.0578733	0.89501	1.03561	1.03561	0.364938	1.27981	1.27981	0.198672	1.43328	1.43328	0.33917	0.770218	-1.29833	0.392983	0.793024	-1.261	0.003841	0.356088	-2.8083	0.856225	1.04924	1.04924	0.429646	1.2382	1.2382	0.0715823	1.70435	1.70435	3.20285	3.56253	0.98871	1
cg01612478	ZNF709;ZNF709	0.0578736	0.143677	1.19057	1.19057	0.606519	0.94395	-1.05938	0.277382	0.882125	-1.13363	0.0825057	1.23803	1.23803	0.0478671	0.777901	-1.28551	0.0172414	1.38007	1.38007	0.925431	0.98966	-1.01045	0.0658469	1.25754	1.25754	0.681583	1.04687	1.04687	3.20284	0.625287	0.173537	1
cg23369111	C18orf26	0.0578742	0.0162192	0.404123	-2.47449	0.549951	0.82995	-1.20489	0.0938782	0.56686	-1.7641	0.0273582	0.447368	-2.2353	0.0540981	0.509848	-1.96137	0.738399	1.1088	1.1088	0.422642	0.776949	-1.28709	0.360422	1.33606	1.33606	0.023753	0.43532	-2.29716	3.20283	4.81647	1.33672	1
cg10787981	INSC;INSC	0.0578751	0.0134125	0.18595	-5.3778	0.418944	1.5742	1.5742	0.0530532	0.298867	-3.34597	0.0987423	0.369864	-2.7037	0.012109	0.179337	-5.57608	0.415166	0.632799	-1.58028	0.20748	0.48177	-2.07568	0.141433	0.41946	-2.38402	0.0657977	0.32167	-3.10877	3.20281	15.3118	4.24954	1
cg20344925	TNXB	0.0578761	0.0290028	0.451275	-2.21595	0.156008	0.625518	-1.59868	0.474406	0.798605	-1.25218	0.165961	0.633377	-1.57884	0.020142	0.420435	-2.37849	0.156455	0.625878	-1.59776	0.0141721	0.392345	-2.54878	0.0128826	0.384978	-2.59755	0.139828	0.611948	-1.63412	3.20279	4.84745	1.34534	1
cg12705969	ARX	0.0578763	0.705782	1.26243	1.26243	0.162546	0.400086	-2.49946	0.878469	0.910266	-1.09858	0.312154	1.90107	1.90107	0.00332548	0.0857768	-11.6582	0.184172	0.42081	-2.37637	0.033433	0.217187	-4.60433	0.902949	1.07783	1.07783	0.254911	0.481731	-2.07585	3.20279	19.15	5.31481	1
cg14950303	FOXD4L1	0.0578783	0.334679	1.3521	1.3521	0.0101063	2.67499	2.67499	0.0297976	2.17119	2.17119	0.712424	0.89382	-1.11879	0.031076	2.154	2.154	0.0549366	1.93466	1.93466	0.137765	1.62349	1.62349	0.0370347	2.08381	2.08381	0.233085	1.46096	1.46096	3.20274	4.66294	1.29415	1
cg24300216	ADSL;ADSL	0.057879	0.244491	0.847126	-1.18046	0.589878	1.07697	1.07697	0.0321052	0.710287	-1.40788	0.771822	1.04042	1.04042	0.0163807	0.670456	-1.49152	0.564178	1.08268	1.08268	0.0221351	1.45328	1.45328	0.948559	0.991247	-1.00883	0.621523	0.934438	-1.07016	3.20273	0.941828	0.261396	1
cg09907628	ANKRD11	0.0578841	0.680166	0.85923	-1.16383	0.00235708	0.211639	-4.72504	0.984934	1.00694	1.00694	0.171214	1.70443	1.70443	0.68529	0.861465	-1.16081	0.258412	0.649465	-1.53973	0.108903	0.527328	-1.89635	0.617692	1.20223	1.20223	0.413971	1.35752	1.35752	3.20262	6.79495	1.88594	1
cg03383006	GFAP;GFAP	0.0578846	0.417103	0.61719	-1.62025	0.00247245	0.0863932	-11.575	0.285294	0.524233	-1.90755	0.925973	1.05557	1.05557	0.0742755	0.31431	-3.18157	0.114745	0.368571	-2.71318	0.0629331	0.295983	-3.37857	0.0685268	0.305256	-3.27594	0.990819	1.00672	1.00672	3.20261	17.1761	4.76726	1
cg13561662	POM121	0.0578851	0.880066	1.03627	1.03627	0.00824942	2.21948	2.21948	0.168156	1.41424	1.41424	0.00400935	2.49038	2.49038	0.175262	1.40518	1.40518	0.608372	1.12971	1.12971	0.723958	1.08728	1.08728	0.94279	1.01708	1.01708	0.799409	0.941681	-1.06193	3.2026	2.82457	0.783968	1
cg25133762	CTNS;CTNS	0.0578856	0.127316	0.76859	-1.30108	0.927367	1.01466	1.01466	0.0150312	0.620587	-1.61138	0.388375	0.868392	-1.15155	0.020169	0.639375	-1.56403	0.144679	1.28411	1.28411	0.107191	1.32404	1.32404	0.868084	0.973815	-1.02689	0.669488	0.933757	-1.07094	3.20259	1.29234	0.358693	1
cg08260625	LOC728661;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0578875	0.390463	0.796205	-1.25596	0.423531	0.809211	-1.23577	0.149055	0.669825	-1.49293	0.12191	0.647767	-1.54376	0.0285382	0.512109	-1.95271	0.0726869	0.595361	-1.67965	0.0943978	0.621145	-1.60993	0.352113	1.28145	1.28145	0.0331485	1.90601	1.90601	3.20255	3.40204	0.944261	1
cg12900467	LATS2;LATS2	0.0578881	0.338235	1.13687	1.13687	0.109976	1.25406	1.25406	0.147626	1.2237	1.2237	0.870401	1.02144	1.02144	0.852704	1.02445	1.02445	0.66658	0.945232	-1.05794	0.0145627	0.676366	-1.47849	0.0338214	0.724695	-1.37989	0.111305	0.7982	-1.25282	3.20253	0.856445	0.237713	1
cg26932441	C5orf38	0.0578907	0.96634	1.02986	1.02986	0.313316	0.48325	-2.06932	0.373911	0.529158	-1.88979	0.567889	0.668601	-1.49566	0.00594951	0.0814283	-12.2807	?	?	?	?	?	?	0.312801	2.07103	2.07103	0.0771332	3.93717	3.93717	3.30361	19.7884	6.84562	1
cg15653209	RHOBTB2;RHOBTB2	0.0578917	0.892875	0.95785	-1.044	0.838588	1.06736	1.06736	0.00471853	0.30122	-3.31983	0.0866737	0.546177	-1.83091	0.971913	0.98881	-1.01132	0.925166	1.03048	1.03048	0.0645466	0.514973	-1.94185	0.176127	0.63148	-1.58358	0.0189274	0.403162	-2.48039	3.20246	5.18121	1.43812	1
cg26649752	SRRM4	0.0578931	0.714686	0.893496	-1.1192	0.0159142	2.47333	2.47333	0.65574	0.871426	-1.14754	0.455502	1.26255	1.26255	0.607925	1.17201	1.17201	0.800991	1.08055	1.08055	0.594552	0.848087	-1.17912	0.00268744	3.56933	3.56933	0.789307	1.08561	1.08561	3.20243	4.7715	1.32441	1
cg21610436	PEBP4	0.0578939	0.0535915	0.592509	-1.68774	0.0119984	2.11333	2.11333	0.130794	0.677336	-1.47637	0.335235	0.788773	-1.26779	0.0810736	0.630132	-1.58697	0.916142	0.975165	-1.02547	0.148028	1.44851	1.44851	0.553594	0.866682	-1.15383	0.999667	1.0001	1.0001	3.20241	2.89163	0.802627	1
cg12028548	TCF15	0.057894	0.17855	0.687601	-1.45433	0.390351	0.79401	-1.25943	0.191886	0.69626	-1.43624	0.045381	1.82484	1.82484	0.665883	1.12058	1.12058	0.110788	0.634237	-1.5767	0.0781719	0.598795	-1.67002	0.117534	1.56125	1.56125	0.0603721	1.742	1.742	3.2024	3.48312	0.966806	1
cg17183362	C6orf48;C6orf48;SNORD52	0.0578949	0.0174775	0.417988	-2.39242	0.0255104	0.449166	-2.22635	0.354549	0.750358	-1.3327	0.104796	0.585925	-1.7067	0.065268	0.535777	-1.86645	0.526172	1.2137	1.2137	0.0201982	0.429701	-2.3272	0.0635716	0.533136	-1.87569	0.136133	0.616155	-1.62297	3.20239	4.61183	1.28011	1
cg21970929	SLC1A3;SLC1A3;SLC1A3	0.0578972	0.0984525	0.416508	-2.40092	0.00470592	0.162778	-6.14332	0.454641	0.692054	-1.44497	0.997131	0.998264	-1.00174	0.0673271	0.371261	-2.69352	0.0977296	0.415573	-2.40631	0.0127401	0.224051	-4.46327	0.301486	0.59607	-1.67765	0.783268	0.875235	-1.14255	3.20234	11.8472	3.2885	1
cg22688160	SDHB	0.057898	0.0114874	0.212364	-4.70889	0.850961	0.911947	-1.09655	0.0635371	0.359769	-2.77956	0.840143	0.905771	-1.10403	0.00601642	0.172257	-5.80527	0.180295	0.497966	-2.00817	0.0531587	0.34075	-2.93471	0.351211	0.624901	-1.60025	0.150702	0.470129	-2.12708	3.20232	12.1788	3.38054	1
cg02642021	SCN9A	0.0578987	0.116645	0.727578	-1.37442	0.0361061	1.57569	1.57569	0.423311	0.858502	-1.16482	0.122152	0.731581	-1.3669	0.280516	0.811179	-1.23277	0.0502848	0.65948	-1.51635	0.0130807	0.56314	-1.77576	0.98574	1.00334	1.00334	0.963203	1.00864	1.00864	3.2023	1.7651	0.489952	1
cg12152867	DST;DST;DST;DST	0.0578996	0.0375826	0.638767	-1.56552	0.0873214	1.42009	1.42009	0.422832	1.16429	1.16429	0.995348	0.998917	-1.00108	0.43789	1.15838	1.15838	0.5712	1.11218	1.11218	0.00729348	0.52577	-1.90197	0.521294	1.12838	1.12838	0.340123	1.2004	1.2004	3.20229	1.75077	0.485978	1
cg18471736	PIGZ	0.0579	0.761939	0.90689	-1.10267	0.332035	1.37976	1.37976	0.436212	1.29113	1.29113	0.807718	1.08159	1.08159	0.0109863	0.358285	-2.79107	0.699917	1.13268	1.13268	0.019137	2.48936	2.48936	0.0811641	1.86254	1.86254	0.357504	0.737571	-1.3558	3.20228	5.24786	1.4567	1
cg01548249	ZNF358	0.0579025	0.237885	0.71456	-1.39946	0.503685	1.20258	1.20258	0.529491	0.841004	-1.18905	0.254709	0.723773	-1.38165	0.0109084	0.419515	-2.3837	0.0383985	0.520927	-1.91965	0.16922	0.67158	-1.48903	0.312887	0.75295	-1.32811	0.00691867	0.386678	-2.58613	3.20222	3.74763	1.04028	1
cg09732510	HIGD2B;BBS4	0.0579041	0.0651383	0.489562	-2.04264	0.011428	2.97966	2.97966	0.912678	1.03856	1.03856	0.424232	1.32512	1.32512	0.37879	0.732379	-1.36541	0.0442375	2.21924	2.21924	0.11293	0.551494	-1.81326	0.649954	0.854198	-1.17069	0.765972	0.902164	-1.10845	3.20219	6.03392	1.67494	1
cg25344367	IRGC	0.0579043	0.986491	0.997081	-1.00293	0.804047	0.957984	-1.04386	0.952201	0.989703	-1.0104	0.995319	1.00101	1.00101	0.716736	0.939024	-1.06494	0.0368707	1.51982	1.51982	0.00233843	2.08248	2.08248	0.076313	1.40564	1.40564	0.455486	1.14025	1.14025	3.20218	1.51199	0.41971	1
cg11637968	FNIP2	0.0579062	0.994298	0.99662	-1.00339	0.0160536	4.03905	4.03905	0.202995	1.89011	1.89011	0.637377	0.798576	-1.25223	0.258172	1.74881	1.74881	0.061528	2.71218	2.71218	0.0407147	3.06255	3.06255	0.0109618	4.53716	4.53716	0.619787	0.789039	-1.26736	3.20214	11.3813	3.15936	1
cg26114124	LOC144571	0.0579075	0.441851	0.466009	-2.14588	0.646637	1.56742	1.56742	0.622435	0.616782	-1.62132	0.181363	3.98096	3.98096	0.265951	0.323476	-3.09142	0.0215915	0.0681306	-14.6777	0.394229	0.427562	-2.33884	0.0516921	8.63691	8.63691	0.0285331	12.3791	12.3791	3.20211	48.0767	13.3458	1
cg16043888	TNFSF14;TNFSF14	0.0579076	0.107822	0.407611	-2.45332	0.00408518	0.139334	-7.17702	0.181002	0.483662	-2.06756	0.0968313	0.393694	-2.54005	0.0105944	0.193197	-5.17607	0.122168	0.424512	-2.35564	0.26479	0.551884	-1.81197	0.129699	0.432904	-2.30998	0.281409	0.564079	-1.7728	3.20211	13.2656	3.68246	1
cg15843496	OR11H12	0.0579094	0.00792424	0.248148	-4.02986	0.0354322	0.366996	-2.72483	0.661141	1.19786	1.19786	0.637752	0.823562	-1.21424	0.113336	0.49398	-2.02437	0.126712	0.508575	-1.96628	0.0505516	0.401708	-2.48937	0.0229925	0.328545	-3.04372	0.228568	0.59617	-1.67737	3.20207	8.496	2.35847	1
cg23380672	CHST1	0.0579103	0.513512	0.838067	-1.19322	0.684676	0.896866	-1.11499	0.821514	0.941536	-1.06209	0.645109	0.883695	-1.13161	0.94492	1.01859	1.01859	0.0564733	1.77842	1.77842	0.0579627	1.77077	1.77077	0.0106455	0.424781	-2.35415	0.0721284	1.70767	1.70767	3.20205	3.60469	1.00066	1
cg21200703	SLC34A2	0.0579117	0.0401905	4.06022	4.06022	0.260304	2.0017	2.0017	0.272276	1.96486	1.96486	0.11601	2.74475	2.74475	0.0294366	0.219618	-4.55336	0.448802	1.57811	1.57811	0.0797686	3.15572	3.15572	0.0552022	3.61373	3.61373	0.0796059	3.1581	3.1581	3.20202	17.717	4.91828	1
cg13202082	CLSTN1;CLSTN1	0.0579134	0.672601	0.939044	-1.06491	0.190359	1.22777	1.22777	0.166437	0.803869	-1.24398	0.00997971	0.617911	-1.61836	0.0286385	0.682479	-1.46525	0.0577499	0.727985	-1.37365	0.149775	0.795731	-1.25671	0.953513	1.00866	1.00866	0.458434	1.11819	1.11819	3.20199	1.11032	0.30823	1
cg06066601	PVALB	0.0579138	0.244938	1.54691	1.54691	0.0742809	2.04085	2.04085	0.961375	1.01752	1.01752	0.417119	1.34641	1.34641	0.0200728	0.365631	-2.735	0.657458	0.852083	-1.1736	0.181891	0.601546	-1.66238	0.0184909	0.358881	-2.78644	0.516409	1.26616	1.26616	3.20198	6.52435	1.8112	1
cg26849265	RANGRF;SLC25A35	0.0579142	0.354863	0.83851	-1.19259	0.109278	0.723872	-1.38146	0.0281801	0.619011	-1.61548	0.299924	0.819723	-1.21992	0.282542	0.813313	-1.22954	0.0129577	1.76955	1.76955	0.387373	1.17816	1.17816	0.27786	0.811541	-1.23222	0.218322	0.786933	-1.27076	3.20197	1.73658	0.482087	1
cg07264062	ARHGEF10	0.0579143	0.0421074	2.36829	2.36829	0.037666	0.411612	-2.42947	0.210192	0.614981	-1.62607	0.274069	1.52047	1.52047	0.681184	1.16427	1.16427	0.708915	0.871041	-1.14805	0.0680948	2.12166	2.12166	0.0337641	2.49112	2.49112	0.34456	1.4311	1.4311	3.20197	6.8741	1.9083	1
cg11100804	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA9;PCDHGA7	0.0579148	0.0376645	8.53456	8.53456	0.0381251	8.47739	8.47739	0.239372	2.99124	2.99124	0.372225	2.2585	2.2585	0.0570173	6.78754	6.78754	0.435697	2.02833	2.02833	0.00453864	28.857	28.857	0.043297	7.90192	7.90192	0.11789	4.52688	4.52688	3.20196	40.105	11.1335	1
cg25547555	MUC6	0.0579162	0.100847	0.409879	-2.43975	0.288578	0.578803	-1.7277	0.129795	0.443861	-2.25296	0.542837	0.736595	-1.3576	0.0680492	0.362686	-2.75721	0.165489	0.479913	-2.08371	0.0110236	0.205438	-4.86766	0.00522626	0.160628	-6.22558	0.081523	0.383566	-2.60711	3.20193	12.4919	3.46788	1
cg07378091	ZNF564;ZNF564	0.0579163	0.871205	0.985295	-1.01492	0.0584845	1.21552	1.21552	0.0632906	1.21008	1.21008	0.911209	0.989867	-1.01024	0.468598	1.06964	1.06964	0.226839	1.12282	1.12282	0.00537821	0.715618	-1.39739	0.87332	0.985537	-1.01467	0.722724	1.03306	1.03306	3.20192	0.422707	0.117348	1
cg11766468	EVI5L;EVI5L	0.0579164	0.0801729	2.77926	2.77926	0.0222463	4.23322	4.23322	0.0139764	4.94539	4.94539	0.0367901	3.58702	3.58702	0.379424	1.60773	1.60773	0.255288	1.86901	1.86901	0.0241902	4.11743	4.11743	0.0337908	3.68841	3.68841	0.162959	2.19072	2.19072	3.20192	14.062	3.90376	1
cg22565033	MXI1	0.0579165	0.640572	1.03609	1.03609	0.208637	0.904901	-1.10509	0.702871	1.02932	1.02932	0.229718	0.909361	-1.09967	0.130841	0.88427	-1.13088	0.0996639	0.872806	-1.14573	0.343831	1.07629	1.07629	0.948252	1.00491	1.00491	0.00501008	1.32306	1.32306	3.20192	0.288237	0.0800179	1
cg00610577	ETV6	0.0579171	0.0708961	0.121926	-8.20167	0.198598	0.242509	-4.12356	0.782386	0.749208	-1.33474	0.184815	0.230697	-4.33469	0.0676923	0.118317	-8.45187	0.267945	0.300184	-3.3313	0.00189152	0.0101341	-98.6771	0.930695	0.913282	-1.09495	0.100626	0.153293	-6.52345	3.20191	55.1466	15.3094	1
cg16662787	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L	0.0579174	0.436232	0.760285	-1.3153	0.866275	0.943507	-1.05988	0.37665	1.36756	1.36756	0.0138827	0.350339	-2.85438	0.0202838	0.380764	-2.6263	0.145317	0.583	-1.71527	0.572306	1.21759	1.21759	0.418629	1.32997	1.32997	0.0956542	1.88051	1.88051	3.2019	6.03724	1.67602	1
cg19841740	DPYS	0.0579185	0.0857426	1.65472	1.65472	0.953581	0.984681	-1.01556	0.216563	0.708334	-1.41176	0.212538	0.705957	-1.41652	0.00554531	0.380438	-2.62855	0.181334	1.45691	1.45691	0.471995	1.21412	1.21412	0.96876	1.01044	1.01044	0.157458	0.66972	-1.49316	3.20188	3.56644	0.990098	1
cg26181907	KIF26A	0.0579203	0.072198	1.34854	1.34854	0.0129188	1.5839	1.5839	0.208686	1.21835	1.21835	0.753754	1.04801	1.04801	0.768848	1.04489	1.04489	0.21992	0.825124	-1.21194	0.133369	0.785623	-1.27288	0.0855598	0.753368	-1.32737	0.320622	0.858194	-1.16524	3.20184	1.12612	0.312631	1
cg21763952	TCTN1;TCTN1;TCTN1	0.0579205	0.379335	1.10421	1.10421	0.35768	0.901253	-1.10957	0.799001	0.972344	-1.02844	0.235758	1.14634	1.14634	0.32058	0.893326	-1.11941	0.0695334	0.800012	-1.24998	0.00378065	0.65085	-1.53645	0.211963	1.15548	1.15548	0.874712	1.01749	1.01749	3.20183	0.612629	0.170077	1
cg04289061	TYW1	0.0579208	0.513205	1.12291	1.12291	0.00664624	0.540234	-1.85105	0.542237	0.897765	-1.11388	0.0467251	0.671605	-1.48897	0.734824	0.942298	-1.06124	0.32618	0.837598	-1.19389	0.0372657	1.52601	1.52601	0.987145	1.00282	1.00282	0.440106	0.871411	-1.14756	3.20183	1.54978	0.430249	1
cg16495212	CPEB1	0.057922	0.159668	2.41433	2.41433	0.764098	0.838157	-1.19309	0.62813	0.75103	-1.3315	0.150336	2.47048	2.47048	0.480064	0.656317	-1.52365	0.915295	0.939497	-1.0644	0.0331566	4.30966	4.30966	0.00849081	7.17555	7.17555	0.0272946	4.62794	4.62794	3.2018	17.4489	4.8442	1
cg27337021	SLC35A4	0.0579224	0.808608	1.12215	1.12215	0.149271	2.08422	2.08422	0.575403	1.30833	1.30833	0.111312	0.43879	-2.27899	0.00639356	0.185432	-5.39282	0.815155	0.894746	-1.11764	0.0186963	0.258338	-3.8709	0.875469	0.928226	-1.07732	0.58981	0.772229	-1.29495	3.20179	11.4368	3.1751	1
cg03269050	TLX1NB	0.0579239	0.0233146	6.58708	6.58708	0.0806854	3.84649	3.84649	0.697256	1.31242	1.31242	0.441035	0.579041	-1.72699	0.0237957	6.52855	6.52855	0.257073	0.439298	-2.27636	0.633858	0.71627	-1.39612	0.782978	1.21169	1.21169	0.0236065	6.55135	6.55135	3.20176	24.524	6.80847	1
cg05923101	LRRC3	0.0579251	0.178279	0.694832	-1.4392	0.0630177	1.70295	1.70295	0.325791	1.29469	1.29469	0.197861	1.41406	1.41406	0.0150445	0.467335	-2.13979	0.0446721	0.556121	-1.79817	0.596422	0.872802	-1.14573	0.622006	1.13485	1.13485	0.365745	0.789339	-1.26688	3.20174	3.28597	0.912275	1
cg27178093	LRRC27;LRRC27	0.0579256	0.485683	0.731431	-1.36718	0.439596	1.41622	1.41622	0.492766	1.36007	1.36007	0.0194593	0.287361	-3.47994	0.0491588	0.371069	-2.69492	0.0221683	0.297988	-3.35584	0.668199	1.20968	1.20968	0.519242	0.749428	-1.33435	0.0253825	0.309392	-3.23214	3.20172	9.88284	2.74376	1
cg01024444	HAS1	0.0579278	0.0562732	8.80818	8.80818	0.320442	2.81023	2.81023	0.391972	0.413658	-2.41746	0.487924	2.03247	2.03247	0.0920766	0.154685	-6.46477	0.13141	0.194141	-5.15088	0.0195705	0.058462	-17.1051	0.12574	5.29951	5.29951	0.343282	0.37432	-2.67151	3.20168	51.3673	14.2612	1
cg18785833	COMMD7;COMMD7;COMMD7;COMMD7	0.0579325	0.0305653	3.14745	3.14745	0.0515204	0.4195	-2.38379	0.765728	1.07243	1.07243	0.477166	1.19481	1.19481	0.167009	1.54788	1.54788	0.0327303	0.330828	-3.02272	0.314466	0.760908	-1.31422	0.0334175	0.334828	-2.98661	0.330034	1.29937	1.29937	16.6456	9.84634	0.13145	1
cg18057548	C19orf29;C19orf29	0.0579328	0.225392	1.36239	1.36239	0.0167234	2.03279	2.03279	0.217978	0.72997	-1.36992	0.585568	0.874826	-1.14309	0.0623409	0.600757	-1.66457	0.760478	1.07709	1.07709	0.141065	1.46884	1.46884	0.0361015	1.8076	1.8076	0.328438	1.27761	1.27761	3.20157	2.99117	0.830473	1
cg03310779	KDM4B	0.0579359	0.0094268	0.497341	-2.01069	0.158773	0.726359	-1.37673	0.184449	1.34824	1.34824	0.912603	1.02358	1.02358	0.49904	0.864455	-1.1568	0.0139225	0.524756	-1.90565	0.210189	0.755574	-1.3235	0.985625	0.996183	-1.00383	0.0834465	0.665845	-1.50185	3.2015	2.28433	0.634238	1
cg02416986	B4GALT2;B4GALT2;B4GALT2	0.0579367	0.0742216	0.357512	-2.79711	0.671161	0.801872	-1.24708	0.961452	1.0253	1.0253	0.482957	0.69166	-1.4458	0.0155709	0.215727	-4.6355	0.168181	0.467973	-2.13687	0.00608781	0.156981	-6.3702	0.0306078	0.268893	-3.71895	0.16871	0.468472	-2.1346	3.20149	13.5553	3.7636	1
cg16022081	MMEL1;MMEL1	0.0579385	0.631235	0.890403	-1.12309	0.00191345	0.348232	-2.87165	0.145881	0.687459	-1.45463	0.642628	0.893897	-1.1187	0.1752	0.707471	-1.41348	0.2094	0.727921	-1.37377	0.303097	1.2918	1.2918	0.0835107	0.631408	-1.58376	0.663286	0.900189	-1.11088	3.20145	2.92124	0.811089	1
cg00954875	KIF26B	0.0579387	0.185825	0.299992	-3.33343	0.0294644	9.03084	9.03084	0.0696438	5.70575	5.70575	0.780306	0.786639	-1.27123	0.659973	0.683872	-1.46226	0.759551	0.76837	-1.30146	0.0714748	0.177712	-5.62707	0.993427	1.00709	1.00709	0.0212962	0.0929722	-10.7559	3.20144	37.35	10.3703	1
cg05029845	SPATA7;SPATA7	0.0579401	0.0618241	1.35065	1.35065	0.0249302	0.682905	-1.46433	0.804442	0.965165	-1.03609	0.344543	1.14929	1.14929	0.408941	1.12829	1.12829	0.100295	1.29346	1.29346	0.0542052	0.731786	-1.36652	0.108211	1.28461	1.28461	0.468742	1.1111	1.1111	3.20141	1.03566	0.287557	1
cg04233770	NME5	0.0579411	0.264673	1.14934	1.14934	0.123914	0.819145	-1.22078	0.1924	0.847732	-1.17962	0.908928	0.986393	-1.0138	0.67951	0.951478	-1.051	0.149396	1.20332	1.20332	0.0119454	0.686914	-1.45579	0.396497	0.901264	-1.10955	0.0416577	1.32468	1.32468	3.20139	0.726821	0.201807	1
cg21485898	ZNF836	0.0579431	0.407862	0.847297	-1.18022	0.196077	0.76523	-1.3068	0.138179	0.731657	-1.36676	0.85428	0.964655	-1.03664	0.23513	1.27578	1.27578	0.00204519	0.427145	-2.34113	0.145437	0.736406	-1.35795	0.712875	1.07503	1.07503	0.347219	0.827416	-1.20858	3.20135	1.9424	0.539327	1
cg12123154	NCLN	0.0579454	0.353313	0.817494	-1.22325	0.150415	1.38437	1.38437	0.104765	0.687917	-1.45366	0.126368	0.705446	-1.41754	0.00282009	0.419774	-2.38223	0.537539	0.876584	-1.14079	0.141136	0.716098	-1.39646	0.912544	1.02345	1.02345	0.92513	0.980363	-1.02003	3.2013	2.25726	0.626762	1
cg26314534	KDM6B;TMEM88	0.0579483	0.200155	1.62227	1.62227	0.320297	0.692713	-1.4436	0.868291	0.942391	-1.06113	0.351547	1.40883	1.40883	0.0120544	0.326514	-3.06266	0.473756	1.29755	1.29755	0.0700736	2.06274	2.06274	0.056432	2.1645	2.1645	0.137932	1.77023	1.77023	3.20124	6.48021	1.79936	1
cg18882819	EPSTI1;EPSTI1	0.0579483	0.111034	0.233721	-4.2786	0.117242	0.240587	-4.1565	0.00808858	0.0584421	-17.111	0.0510704	0.155612	-6.42624	0.124415	0.248341	-4.02672	0.0542395	0.16056	-6.22818	0.0818886	0.199047	-5.02393	0.257334	0.371658	-2.69065	0.241959	2.7883	2.7883	3.20124	35.5439	9.8695	1
cg18161904	RRP7B	0.0579497	0.980445	0.992048	-1.00802	0.885465	1.04807	1.04807	0.019717	2.50274	2.50274	0.790598	1.09056	1.09056	0.238296	0.668752	-1.49532	0.574751	1.2028	1.2028	0.00547919	0.304314	-3.28608	0.512573	1.24151	1.24151	0.408198	1.31727	1.31727	3.20121	5.37943	1.49372	1
cg05981651	ZNF589	0.0579499	0.0620311	0.347229	-2.87994	0.447745	0.677377	-1.47628	0.698826	0.822235	-1.2162	0.389594	0.641557	-1.55871	0.0233875	0.255719	-3.91054	0.0880451	0.387633	-2.57976	0.00589489	0.163033	-6.13374	0.704895	1.21112	1.21112	0.0363894	0.293879	-3.40276	3.2012	12.8497	3.56801	1
cg21585936	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2E	0.0579499	0.601141	1.18799	1.18799	0.00666511	0.31672	-3.15736	0.147289	0.601769	-1.66177	0.418954	1.3096	1.3096	0.844819	1.06609	1.06609	0.822349	1.07621	1.07621	0.0353081	2.22682	2.22682	0.121649	0.578085	-1.72985	0.934343	1.02728	1.02728	3.2012	5.408	1.50166	1
cg09347824	TCTE1	0.0579501	0.0126499	0.196955	-5.0773	0.0860903	0.370042	-2.7024	0.113648	0.405639	-2.46525	0.0907572	0.376526	-2.65586	0.024584	0.245747	-4.06922	0.733597	0.836047	-1.19611	0.0153622	0.210257	-4.75609	0.248502	0.531352	-1.88199	0.0450079	0.299447	-3.33949	3.2012	13.9307	3.86819	1
cg23059452	SLC28A3	0.0579501	0.294587	0.819892	-1.21967	0.712659	1.06991	1.06991	0.0114402	0.560955	-1.78267	0.0498432	0.664541	-1.5048	0.413873	0.858478	-1.16485	0.777195	0.949493	-1.05319	0.214142	1.26989	1.26989	0.059741	0.678342	-1.47418	0.0223818	0.6066	-1.64853	3.2012	1.69196	0.469813	1
cg25635303	DHX33	0.0579521	0.729459	0.880621	-1.13556	0.0545806	2.22215	2.22215	0.0668291	2.12205	2.12205	0.831831	1.08098	1.08098	0.00880091	0.29479	-3.39225	0.439061	0.749025	-1.33507	0.0872644	1.9964	1.9964	0.902008	1.04614	1.04614	0.814425	0.917506	-1.08991	3.20116	6.79768	1.88756	1
cg26813557	TFDP1;TFDP1	0.0579521	0.291391	0.551507	-1.81321	0.00568922	7.18099	7.18099	0.0482328	3.41114	3.41114	0.492212	1.46105	1.46105	0.322197	0.57357	-1.74347	0.240591	0.512822	-1.94999	0.347924	0.591374	-1.69098	0.456221	1.51056	1.51056	0.434823	0.648476	-1.54208	3.20115	14.9797	4.15954	1
cg26674301	KCNJ4;KCNJ4	0.0579536	0.633222	0.915222	-1.09263	0.0566408	0.671943	-1.48822	0.583817	0.903081	-1.10732	0.119872	0.732763	-1.3647	0.556697	1.11576	1.11576	0.0818766	1.42656	1.42656	0.00897523	1.84471	1.84471	0.615208	0.910837	-1.09789	0.340699	0.834495	-1.19833	3.20112	1.72148	0.478022	1
cg06528936	GNL2	0.0579537	0.919964	1.01007	1.01007	0.583557	1.05675	1.05675	0.144762	1.16901	1.16901	0.459522	1.07797	1.07797	0.703811	1.03882	1.03882	0.0943063	0.832454	-1.20127	0.012165	0.732311	-1.36554	0.0898594	1.20491	1.20491	0.0589115	1.23699	1.23699	3.20112	0.503948	0.139936	1
cg18145806	TNFRSF10D	0.0579537	0.0864622	1.22731	1.22731	0.799808	0.972891	-1.02786	0.145735	0.844571	-1.18403	0.637262	1.05271	1.05271	0.112235	1.20566	1.20566	0.456832	1.08541	1.08541	0.00382679	1.52452	1.52452	0.283792	0.886537	-1.12798	0.873224	1.01742	1.01742	3.20112	0.593019	0.16467	1
cg18570947	CCDC151;PRKCSH;PRKCSH	0.0579551	0.135151	0.686194	-1.45731	0.303218	1.2832	1.2832	0.0245188	1.87094	1.87094	0.00967683	0.465118	-2.14999	0.919387	1.02395	1.02395	0.883517	1.03487	1.03487	0.190832	0.723332	-1.38249	0.504139	1.17176	1.17176	0.54425	1.15432	1.15432	3.20109	2.77193	0.769717	1
cg08033114	TMEM132E;TMEM132E	0.0579553	0.741692	0.941481	-1.06216	0.0689008	1.44936	1.44936	0.212389	1.27055	1.27055	0.0822919	1.42035	1.42035	0.527337	1.12384	1.12384	0.273521	0.812418	-1.23089	0.887517	1.02614	1.02614	0.00261358	2.13807	2.13807	0.431211	1.15773	1.15773	3.20109	1.68496	0.467886	1
cg05593589	SEMA5A	0.057957	0.547647	1.16769	1.16769	0.189988	0.702115	-1.42427	0.0165754	0.474449	-2.10771	0.249749	1.35861	1.35861	0.0166862	0.474962	-2.10543	0.225782	1.38277	1.38277	0.82155	0.944068	-1.05925	0.182625	1.43382	1.43382	0.661167	1.11893	1.11893	3.20105	3.29085	0.913826	1
cg16366073	KRTAP8-1	0.0579582	0.396408	0.711819	-1.40485	0.201576	0.589859	-1.69532	0.00446109	0.226594	-4.41317	0.831367	0.919917	-1.08705	0.190323	0.581072	-1.72096	0.511616	0.770617	-1.29766	0.0146913	0.308617	-3.24026	0.209688	1.67783	1.67783	0.424145	0.726504	-1.37646	3.20102	7.7675	2.15695	1
cg24540315	EIF2C2;EIF2C2	0.0579589	0.841901	1.06095	1.06095	0.191613	0.663948	-1.50614	0.062142	0.5368	-1.86289	0.106694	0.593444	-1.68508	0.00752835	0.361011	-2.77	0.492059	0.813246	-1.22964	0.0109969	0.38863	-2.57314	0.511457	1.21809	1.21809	0.418723	0.782871	-1.27735	3.20101	4.44943	1.23556	1
cg16495581	NDUFS6	0.0579609	0.557291	0.811081	-1.23292	0.148293	1.72813	1.72813	0.556549	1.23342	1.23342	0.00480804	0.267166	-3.743	0.887641	1.05114	1.05114	0.575916	0.819251	-1.22063	0.0800105	1.98426	1.98426	0.216213	0.631844	-1.58267	0.173967	0.600341	-1.66572	3.20097	6.30935	1.75207	1
cg21703222	MAGI2	0.057961	0.0686875	15.0561	15.0561	0.0405823	23.2655	23.2655	0.108808	10.2529	10.2529	0.24168	5.10862	5.10862	0.397663	0.315834	-3.16622	0.0549709	18.1045	18.1045	0.00719888	101.14	101.14	0.715673	0.614567	-1.62716	0.93003	0.889695	-1.12398	3.20096	89.7885	24.9337	1
cg16264079	ZNF618	0.0579612	0.0337197	2.13467	2.13467	0.301455	1.38732	1.38732	0.111709	1.69842	1.69842	0.0970759	0.573012	-1.74517	0.584809	1.18378	1.18378	0.0196941	0.422561	-2.36652	0.671405	1.13938	1.13938	0.657866	1.14601	1.14601	0.116177	1.68552	1.68552	3.20096	4.74026	1.31634	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11035122	MIR758;MIR329-2;MIR329-1;MIR323	0.0579632	0.756292	1.13117	1.13117	0.776132	1.11949	1.11949	0.0324897	0.371203	-2.69394	0.583366	1.24521	1.24521	0.159186	1.81428	1.81428
cg15430169	DPPA3	0.0579647	0.0667271	0.280033	-3.571	0.747971	0.819046	-1.22093	0.0234291	0.187026	-5.34686	0.763861	1.20509	1.20509	0.00597461	0.108045	-9.25544
cg01834776	KHNYN;CBLN3	0.0579654	0.106021	0.249592	-4.00654	0.242411	2.6165	2.6165	0.858257	0.868885	-1.1509	0.971126	0.971945	-1.02886	0.168752	0.315732	-3.16724
cg23730027	FLNB;FLNB;FLNB;FLNB	0.0579685	0.632424	1.35634	1.35634	0.15425	2.62366	2.62366	0.0179685	6.16237	6.16237	0.574111	1.43211	1.43211	0.0550897	3.95718	3.95718
cg18762727	EMID2	0.0579693	0.108885	1.85375	1.85375	0.43942	1.32096	1.32096	0.606422	1.20135	1.20135	0.0406001	2.30392	2.30392	0.228907	0.640367	-1.5616
cg00554250	NR1H3;NR1H3;NR1H3	0.0579696	0.144208	0.554977	-1.80188	0.0936665	0.500582	-1.99768	0.0128922	0.313844	-3.18629	0.0202716	0.349748	-2.8592	0.105894	0.515342	-1.94046
cg05534444	NPAS1	0.0579701	0.112268	0.489033	-2.04485	0.328155	0.658654	-1.51825	0.956884	1.02262	1.02262	0.321818	1.52718	1.52718	0.284046	0.631025	-1.58472
cg24298421	CASZ1;CASZ1	0.0579701	0.0140607	1.43697	1.43697	0.122497	0.818622	-1.22157	0.844298	1.02379	1.02379	0.420095	1.10352	1.10352	0.614919	1.06254	1.06254
cg08859278	ZAP70	0.0579719	0.140892	0.71374	-1.40107	0.357227	0.817409	-1.22338	0.00450441	0.446556	-2.23936	0.42173	0.839661	-1.19096	0.913357	0.977091	-1.02345
cg21256656	KLK6	0.0579722	0.00234066	0.523395	-1.9106	0.952152	0.990896	-1.00919	0.128664	0.778578	-1.28439	0.3451	1.15976	1.15976	0.0807405	0.744394	-1.34338
cg16994510	CTDP1;CTDP1	0.057973	0.997616	0.999188	-1.00081	0.726977	1.10001	1.10001	0.127652	1.56509	1.56509	0.405154	0.79325	-1.26064	0.0126736	0.430595	-2.32237
cg01040649	ST6GAL1;ST6GAL1;ST6GAL1	0.0579747	0.0282669	0.367127	-2.72385	0.182235	0.578253	-1.72935	0.0462682	0.413388	-2.41904	0.447081	0.740958	-1.3496	0.00666102	0.256108	-3.90461
cg24720717	LRRC8D;LRRC8D	0.0579749	0.115112	0.196928	-5.07801	0.309275	0.368615	-2.71286	0.122957	0.204935	-4.87959	0.038596	0.103064	-9.70272	0.104746	0.186059	-5.37463
cg20090283	SRCIN1	0.0579777	0.740444	1.14852	1.14852	0.00835111	4.07112	4.07112	0.117631	2.02966	2.02966	0.220045	0.584422	-1.71109	0.145401	1.91788	1.91788
cg03892041	ZNF469	0.0579781	0.633055	0.926477	-1.07936	0.390073	0.869506	-1.15008	0.0257496	0.656738	-1.52268	0.0344173	0.675907	-1.47949	0.994515	1.00109	1.00109
cg17716724	NR5A2;NR5A2	0.0579794	0.031555	0.380654	-2.62706	0.356325	1.43828	1.43828	0.9085	1.04503	1.04503	0.416113	0.727315	-1.37492	0.0038524	0.224954	-4.44536
cg08962271	PITPNM1;PITPNM1	0.0579799	0.212013	1.49426	1.49426	0.00938721	2.73514	2.73514	0.0376235	2.08921	2.08921	0.0615866	1.90267	1.90267	0.645479	0.868038	-1.15202
cg14387428	SCN4B;SCN4B;SCN4B;SCN4B	0.0579801	0.116669	0.664951	-1.50387	0.485722	1.18479	1.18479	0.562445	0.869202	-1.15048	0.747005	1.08056	1.08056	0.156012	0.695383	-1.43806
cg00790928	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.0579805	0.833923	0.967584	-1.0335	0.00285078	0.52494	-1.90498	0.0910242	0.74664	-1.33933	0.606382	1.08499	1.08499	0.449712	1.1285	1.1285
cg15570966	ZNF700	0.0579806	0.0618258	0.444908	-2.24765	0.129619	0.532309	-1.87861	0.174013	0.572979	-1.74526	0.921792	0.962891	-1.03854	0.0294426	0.372493	-2.68461
cg16427096	CACNA1H;CACNA1H	0.0579821	0.0831573	0.388467	-2.57422	0.12088	2.29128	2.29128	0.971829	1.01756	1.01756	0.388727	0.646993	-1.54561	0.293562	0.584472	-1.71095
cg16574065	RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1	0.0579837	0.329321	0.897267	-1.1145	0.00168585	1.62143	1.62143	0.378774	0.907346	-1.10211	0.510545	0.930656	-1.07451	0.842023	1.02172	1.02172
cg05801038	ADAMTS17	0.0579853	0.711203	0.86412	-1.15725	0.505622	0.767015	-1.30376	0.064113	0.441731	-2.26382	0.232293	1.63546	1.63546	0.027015	0.357641	-2.7961
cg11585071	TP73;TP73;TP73;TP73	0.0579872	0.0149558	2.1299	2.1299	0.0944095	0.62839	-1.59137	0.0155246	0.472345	-2.11709	0.58171	1.15096	1.15096	0.997006	0.999052	-1.00095
cg08641214	C8orf76	0.0579873	0.628619	1.16467	1.16467	0.152266	0.619006	-1.61549	0.0347971	0.463235	-2.15873	0.780567	1.09128	1.09128	0.401446	0.764447	-1.30814
cg03195015	RNF216;RNF216	0.0579873	0.62522	0.918458	-1.08878	0.222303	0.801228	-1.24808	0.425552	0.868843	-1.15096	0.95489	1.00982	1.00982	0.285851	1.21109	1.21109
cg01446895	SH2B3	0.0579891	0.666147	1.18279	1.18279	0.435869	1.35994	1.35994	0.60291	1.22505	1.22505	0.181219	1.73146	1.73146	0.464725	0.749936	-1.33345
cg09412808	KIAA1211	0.057992	0.53313	1.19093	1.19093	0.635773	1.14119	1.14119	0.666079	0.886757	-1.1277	0.534851	1.19004	1.19004	0.0406491	1.9238	1.9238
cg16862295	SHISA3	0.0579935	0.312541	0.755118	-1.3243	0.281234	1.35137	1.35137	0.008022	2.49271	2.49271	0.132857	1.54651	1.54651	0.357382	0.775306	-1.28981
cg20448001	TSPAN7	0.057994	0.468717	1.27649	1.27649	0.127813	0.579741	-1.72491	0.114317	0.566233	-1.76606	0.0585983	0.492894	-2.02884	0.0187887	0.389578	-2.56688
cg14182693	GPATCH3	0.0579963	0.474652	1.33814	1.33814	0.495624	0.757917	-1.3194	0.91756	1.04235	1.04235	0.190668	0.573984	-1.74221	0.0195767	0.322998	-3.09599
cg02580197	SLITRK3	0.0579969	0.591488	0.861052	-1.16137	0.137051	1.55621	1.55621	0.00647102	2.65795	2.65795	0.953058	0.983876	-1.01639	0.253319	0.719327	-1.39019
cg04610589	PPP2R1A;PPP2R1A	0.0579982	0.0324864	0.468206	-2.13581	0.392931	0.766963	-1.30384	0.714867	1.11765	1.11765	0.0328864	0.46929	-2.13088	0.0719648	0.543933	-1.83846
cg14126484	SDCBP2;SDCBP2;SDCBP2	0.0580005	0.00454949	0.27029	-3.69972	0.358057	0.720961	-1.38704	0.872658	1.0571	1.0571	0.240598	1.53004	1.53004	0.129924	1.76172	1.76172
cg11028586	LIG3;LIG3	0.0580009	0.807486	1.0476	1.0476	0.833568	1.0409	1.0409	0.0630485	1.48932	1.48932	0.631349	0.91202	-1.09647	0.079487	0.690183	-1.44889
cg20954987	C12orf68	0.058002	0.0908877	1.35403	1.35403	0.534482	0.902692	-1.1078	0.027409	1.52898	1.52898	0.115087	1.32156	1.32156	0.140194	0.772402	-1.29466
cg14166071	GATAD2B	0.0580037	0.243465	1.2488	1.2488	0.910143	1.02077	1.02077	0.0936653	0.714887	-1.39882	0.765226	0.946938	-1.05604	0.00356473	0.487322	-2.05203
cg19233518	GEMIN8;GEMIN8;GEMIN8	0.0580043	0.0566581	0.652657	-1.5322	0.426842	0.851745	-1.17406	0.00604598	2.03239	2.03239	0.787006	0.947844	-1.05503	0.666218	1.08962	1.08962
cg06326072	DLAT	0.0580084	0.0249191	0.363352	-2.75215	0.763083	1.12151	1.12151	0.509818	1.28868	1.28868	0.200279	0.598582	-1.67061	0.0650559	0.455771	-2.19409
cg05635940	LGI4	0.0580092	0.422545	1.28986	1.28986	0.0481902	2.01688	2.01688	0.287978	1.40883	1.40883	0.884873	0.955983	-1.04604	0.016707	0.403452	-2.47861
cg05400196	TRERF1	0.0580097	0.483394	0.81008	-1.23445	0.154493	1.56937	1.56937	0.0630636	1.85572	1.85572	0.985889	1.00524	1.00524	0.00831034	0.368759	-2.7118
cg06441568	NKX6-1	0.0580106	0.0518929	0.750263	-1.33287	0.117089	1.24749	1.24749	0.205239	1.18959	1.18959	0.974267	1.0042	1.0042	0.459334	0.90677	-1.10282
cg07008784	CDK18;CDK18;CDK18	0.0580119	0.188842	0.346477	-2.88619	0.113628	0.269639	-3.70867	0.322649	0.459393	-2.17678	0.207009	0.363054	-2.75441	0.0287198	0.140242	-7.13054
cg26477746	TRAP1	0.0580121	0.622331	0.940386	-1.06339	0.0812726	1.27032	1.27032	0.276936	0.86936	-1.15027	0.344663	1.12807	1.12807	0.638662	0.943126	-1.0603
cg13221458	SOD2;SOD2;SOD2	0.0580144	0.0234872	0.233185	-4.28843	0.090645	0.366788	-2.72637	0.327362	0.580431	-1.72286	0.236933	0.513416	-1.94774	0.03842	0.27512	-3.63478
cg00994693	CA8;CA8	0.058015	0.0747412	1.91659	1.91659	0.317737	1.4028	1.4028	0.188948	1.57795	1.57795	0.816537	1.07914	1.07914	0.0832943	0.533474	-1.87451
cg26701390	OSR1	0.0580153	0.0727478	3.67574	3.67574	0.0555358	4.10004	4.10004	0.174139	2.5603	2.5603	0.172945	2.56785	2.56785	0.0221782	5.94852	5.94852
cg05152815	SNRPE	0.0580158	0.122381	0.66185	-1.51092	0.43924	0.823265	-1.21468	0.114767	1.52624	1.52624	0.00890908	0.440263	-2.27137	0.0200728	0.500822	-1.99672
cg09744452	RIMBP2	0.0580159	0.100648	0.419032	-2.38645	0.0246889	3.64643	3.64643	0.879951	1.07584	1.07584	0.163705	2.05219	2.05219	0.0404539	0.318312	-3.14157
cg04938738	HCCA2	0.058016	0.00754641	0.430694	-2.32183	0.0336438	0.544418	-1.83682	0.102928	0.645847	-1.54835	0.020889	0.506007	-1.97626	0.0800523	0.621323	-1.60947
cg17713864	ANKRD40	0.0580163	0.0804651	0.878369	-1.13847	0.162446	1.1049	1.1049	0.0648866	1.14874	1.14874	0.365298	1.0642	1.0642	0.146706	1.10981	1.10981
cg25976755	KCNQ1;KCNQ1	0.0580171	0.378732	1.22303	1.22303	0.446972	0.841301	-1.18864	0.787534	0.941552	-1.06208	0.82185	1.05156	1.05156	0.0119069	0.496704	-2.01327
cg25421855	AHDC1	0.0580176	0.815527	1.02375	1.02375	0.00840161	1.40224	1.40224	0.33887	0.905744	-1.10406	0.197261	0.872074	-1.14669	0.306619	1.11214	1.11214
cg05182418	XRCC3;XRCC3;XRCC3	0.0580178	0.815319	1.13462	1.13462	0.139281	2.36057	2.36057	0.291063	1.80651	1.80651	0.183214	2.14317	2.14317	0.0978634	0.375222	-2.66509
cg01089319	GAD1;GAD1	0.0580196	0.877696	0.921307	-1.08541	0.594038	1.33152	1.33152	0.993694	0.995802	-1.00422	0.105241	0.389819	-2.56529	0.0028365	0.112214	-8.91152
cg15175005	ARHGEF10	0.0580198	0.117759	1.67067	1.67067	0.025396	2.23167	2.23167	0.191422	1.51872	1.51872	0.874211	0.953262	-1.04903	0.608905	1.16872	1.16872
cg16325174	FAM155A	0.0580239	0.0890831	0.21191	-4.71898	0.00198849	0.0269653	-37.0846	0.0677723	0.183964	-5.43586	0.713489	0.737009	-1.35684	0.0675219	0.183613	-5.44624
cg07859876	MAPKAPK3	0.0580243	0.276155	0.872192	-1.14654	0.00495641	0.638178	-1.56696	0.875149	0.981198	-1.01916	0.2307	1.16391	1.16391	0.193552	1.18066	1.18066
cg26904782	PKIB;PKIB;PKIB	0.0580251	0.426237	0.860175	-1.16255	0.292918	0.816867	-1.22419	0.261754	0.804963	-1.24229	0.560754	0.896686	-1.11522	0.376913	1.18305	1.18305
cg11091012	NDRG1;NDRG1	0.0580263	0.132426	0.748111	-1.3367	0.832816	1.0385	1.0385	0.0570585	0.68057	-1.46936	0.00687117	0.534959	-1.8693	0.3222	0.83295	-1.20055
cg05860886	CYTSB;CYTSB;CYTSB;CYTSB	0.058028	0.928559	1.0188	1.0188	0.0123967	1.90909	1.90909	0.303622	0.801445	-1.24775	0.24171	0.775253	-1.2899	0.818184	0.953291	-1.049
cg25013327	SKIL;SKIL	0.058028	0.997079	0.999683	-1.00032	0.324994	0.915801	-1.09194	?	?	?	0.912028	0.990482	-1.00961	0.0553046	0.828613	-1.20684
cg05464589	INPP5A	0.0580283	0.8377	1.03324	1.03324	0.932641	1.01357	1.01357	0.190405	0.801674	-1.24739	0.00912167	0.589759	-1.69561	0.0993774	0.749799	-1.33369
cg19273074	PDZRN4;PDZRN4	0.0580285	0.0588775	0.311907	-3.20608	0.411036	0.631896	-1.58254	0.790795	0.864863	-1.15625	0.314924	0.566967	-1.76377	0.0324024	0.254682	-3.92647
cg07312954	DENND4B	0.0580296	0.15418	1.25338	1.25338	0.0078676	1.65674	1.65674	0.905502	1.01774	1.01774	0.545764	1.09474	1.09474	0.212469	1.21462	1.21462
cg10650127	IGF2;INS-IGF2;INS-IGF2	0.0580297	0.420528	0.684007	-1.46197	0.0358288	3.08653	3.08653	0.799801	1.12443	1.12443	0.358827	0.646979	-1.54564	0.0964742	0.430749	-2.32154
cg19403339	DNAJC10	0.0580298	0.38744	0.93483	-1.06971	0.0291064	0.822314	-1.21608	0.404524	0.937177	-1.06703	0.266489	0.915693	-1.09207	0.0542462	0.846897	-1.18078
cg03866360	TFAP4	0.0580313	0.138675	1.3731	1.3731	0.0357655	1.62579	1.62579	0.0824503	0.682061	-1.46615	0.81522	1.04767	1.04767	0.205866	0.766865	-1.30401
cg03701427	DYDC1;DYDC2	0.0580318	0.624965	0.768439	-1.30134	0.372999	0.613263	-1.63062	0.489879	1.455	1.455	0.526325	1.40953	1.40953	0.00218767	0.100535	-9.94682
cg09855544	ZFAT;ZFAT	0.0580322	0.0269728	0.283986	-3.5213	0.792959	1.13476	1.13476	0.287731	1.69974	1.69974	0.632528	0.793318	-1.26053	0.11337	0.436914	-2.28878
cg10097045	C1orf175;C1orf175	0.0580328	0.0983486	0.650998	-1.5361	0.0943847	0.647015	-1.54556	0.00763348	0.443907	-2.25272	0.532292	0.860899	-1.16158	0.850051	0.956176	-1.04583
cg20011459	FBXL7	0.058033	0.461582	1.10713	1.10713	0.231767	1.18565	1.18565	0.631046	0.936411	-1.06791	0.984778	0.997413	-1.00259	0.158426	1.22717	1.22717
cg13926267	VENTXP1	0.0580351	0.121397	1.65404	1.65404	0.622754	1.16019	1.16019	0.648599	0.871548	-1.14738	0.0278197	2.17949	2.17949	0.107498	0.590737	-1.6928
cg20255713	APOF	0.0580362	0.033425	0.161795	-6.18065	0.0114425	0.0983594	-10.1668	0.0955824	0.261391	-3.82568	0.12764	0.29903	-3.34415	0.056246	0.205068	-4.87642
cg07553297	ZSWIM6	0.0580376	0.242207	0.480917	-2.07936	0.0383256	4.20195	4.20195	0.00898647	7.29325	7.29325	0.189694	2.29521	2.29521	0.223073	0.465009	-2.1505
cg10427027	PTPRN2;PTPRN2;PTPRN2	0.0580379	0.0224728	0.123099	-8.12353	0.0185937	0.112315	-8.90354	0.108153	0.261075	-3.83067	0.221164	0.373275	-2.67899	0.0176822	0.109604	-9.12377
cg26335602	ZNF389	0.0580384	0.424192	0.676592	-1.478	0.0617336	0.36525	-2.73785	0.0430231	0.328069	-3.04814	0.221803	0.540818	-1.84905	0.258364	0.568633	-1.7586
cg25613251	JUN	0.0580402	0.511691	0.825275	-1.21172	0.022654	2.19758	2.19758	0.0116522	2.48353	2.48353	0.971879	1.01022	1.01022	0.511155	1.21202	1.21202
cg20669641	SH3PXD2A	0.0580407	0.97439	0.989522	-1.01059	0.00249227	3.97065	3.97065	0.831437	0.932447	-1.07245	0.188033	0.632721	-1.58048	0.231051	0.662174	-1.51018
cg18685773	C17orf85;C17orf85	0.0580414	0.888044	1.02207	1.02207	0.0732055	0.73371	-1.36294	0.0229241	0.655897	-1.52463	0.388986	1.14663	1.14663	0.989619	0.997986	-1.00202
cg12080751	FLRT2	0.0580428	0.145801	0.833918	-1.19916	0.927924	0.989533	-1.01058	0.126879	1.2117	1.2117	0.473841	0.918771	-1.08841	0.0109528	1.44967	1.44967
cg25365518	GAS7;GAS7;GAS7	0.0580434	0.699687	1.11121	1.11121	0.011528	0.423344	-2.36214	0.013991	0.43797	-2.28326	0.238676	0.714818	-1.39896	0.492175	0.827144	-1.20898
cg10063682	AUTS2;AUTS2	0.0580437	0.0485558	0.645261	-1.54976	0.078612	1.462	1.462	0.0220115	1.70587	1.70587	0.254089	1.26056	1.26056	0.85938	1.03508	1.03508
cg21154876	POR	0.0580441	0.419267	0.729897	-1.37006	0.00844459	0.277185	-3.6077	0.00995095	0.288814	-3.46243	0.0807369	0.477639	-2.09363	0.0611729	0.447129	-2.23649
cg13837033	SLC28A3	0.0580446	0.0413667	1.6565	1.6565	0.00298562	2.39601	2.39601	0.308052	1.25399	1.25399	0.252421	1.29234	1.29234	0.309422	1.25313	1.25313
cg24082826	ITPR2;ITPR2	0.0580446	0.773735	1.0488	1.0488	0.510906	1.11653	1.11653	0.00595921	1.81184	1.81184	0.393057	1.15561	1.15561	0.0566345	1.42856	1.42856
cg01789499	PRDM8	0.0580476	0.0991705	5.94154	5.94154	0.0698179	7.37976	7.37976	0.0988375	5.95398	5.95398	0.202785	3.76413	3.76413	0.0479033	9.29609	9.29609
cg07258507	IL25;IL25;IL25;IL25	0.0580482	0.488842	0.856739	-1.16722	0.00423141	2.32111	2.32111	0.103929	1.47843	1.47843	0.310417	1.25961	1.25961	0.58774	0.886599	-1.12791
cg05686503	SERHL	0.0580499	0.115974	0.707378	-1.41367	0.566405	1.12461	1.12461	0.0851382	1.47067	1.47067	0.333206	0.816879	-1.22417	0.0950866	0.689594	-1.45013
cg15613465	TMEM150A;TMEM150A;TMEM150A	0.0580505	0.0142213	0.673709	-1.48432	0.387453	1.12264	1.12264	0.285707	1.15581	1.15581	0.675209	0.946454	-1.05658	0.860141	0.977232	-1.0233
cg08484972	C6orf10	0.058053	0.467373	0.862616	-1.15926	0.0466251	1.57669	1.57669	0.173566	1.33556	1.33556	0.0237087	0.582977	-1.71533	0.0667013	0.663078	-1.50812
cg22276896	CXCL17;CXCL17	0.0580537	0.0429277	0.770965	-1.29708	0.0626374	1.26353	1.26353	0.248345	0.873951	-1.14423	0.238074	0.871119	-1.14795	0.649758	0.95024	-1.05237
cg12503742	SLC39A4;SLC39A4	0.058054	0.0135453	0.208652	-4.79266	0.0139654	0.210762	-4.74469	0.924946	1.04951	1.04951	0.475389	1.45097	1.45097	0.0383414	0.292049	-3.42409
cg14582957	DAB2IP;DAB2IP	0.0580558	0.76766	0.867859	-1.15226	0.00945043	4.82321	4.82321	0.0074334	5.20293	5.20293	0.365425	1.56027	1.56027	0.267752	0.575645	-1.73718
cg17461443	ELFN2	0.0580562	0.0649607	0.518642	-1.92811	0.261994	0.690359	-1.44852	0.0779603	0.537673	-1.85987	0.296277	1.40929	1.40929	0.02357	0.424608	-2.35511
cg00720629	TBX1;TBX1;TBX1	0.0580578	0.32816	1.55182	1.55182	0.16796	0.527411	-1.89605	0.0219987	0.302374	-3.30717	0.133978	2.0211	2.0211	0.376195	1.48495	1.48495
cg22499964	EGLN2	0.0580586	0.610855	0.890933	-1.12242	0.00307264	0.401683	-2.48953	0.83706	1.04743	1.04743	0.131505	1.44253	1.44253	0.442151	0.838316	-1.19287
cg21742716	PNMA3	0.0580598	0.169286	2.30661	2.30661	0.107627	0.367076	-2.72423	0.387319	0.603048	-1.65824	0.0597281	0.297404	-3.36243	0.0408816	0.260004	-3.8461
cg23449274	AMBRA1	0.0580607	0.275596	1.26897	1.26897	0.274768	0.787691	-1.26953	0.423796	1.18717	1.18717	0.047771	0.621665	-1.60858	0.104971	0.689293	-1.45076
cg16709385	COL9A3	0.0580624	0.0798303	0.376467	-2.65628	0.0405238	3.28341	3.28341	0.684967	1.22751	1.22751	0.552273	0.739195	-1.35282	0.0131364	0.213185	-4.69076
cg04431946	KCNK12	0.0580631	0.278555	0.834522	-1.19829	0.165981	0.788849	-1.26767	0.212175	0.809779	-1.2349	0.0783584	1.36884	1.36884	0.523089	1.1095	1.1095
cg05105919	LGALS9;LGALS9;LGALS9	0.0580633	0.678241	0.856012	-1.16821	0.00661298	0.268784	-3.72045	0.0676758	0.466359	-2.14427	0.263969	0.64796	-1.5433	0.0434974	0.420985	-2.37538
cg11987819	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.058066	0.00604249	0.123257	-8.11313	0.490899	1.48001	1.48001	0.543292	1.41134	1.41134	0.208635	0.473817	-2.11052	?	?	?
cg08218734	FAM196A;DOCK1	0.0580664	0.0346578	0.421619	-2.37181	0.733599	1.12727	1.12727	0.848059	1.06958	1.06958	0.478109	0.776541	-1.28776	0.571018	0.818094	-1.22235
cg10235170	ADORA2B	0.0580684	0.680208	0.911782	-1.09675	0.152574	0.710761	-1.40694	0.00324067	0.408708	-2.44673	0.241505	0.760949	-1.31415	0.816435	1.05318	1.05318
cg02775254	MCF2L;MCF2L	0.0580687	0.8992	0.953773	-1.04847	0.285329	1.51353	1.51353	0.169132	1.72823	1.72823	0.16225	1.74588	1.74588	0.00678988	0.269794	-3.70653
cg01892727	CRBN	0.0580689	0.38489	0.777409	-1.28632	0.262829	0.718962	-1.39089	0.840056	0.944487	-1.05878	0.0736427	0.569141	-1.75703	0.00459702	0.344342	-2.90409
cg15464226	TNFSF11;TNFSF11	0.0580698	0.138211	0.352168	-2.83956	0.00483983	0.0868692	-11.5116	0.0308717	0.190624	-5.24593	0.567803	0.685535	-1.45871	0.0462648	0.224716	-4.45006
cg08659340	NCRNA00169	0.0580704	0.901226	1.05529	1.05529	0.170728	1.88174	1.88174	0.00737386	0.223928	-4.46572	0.409203	0.693639	-1.44167	0.456641	0.719967	-1.38895
cg18648343	PNN;PNN	0.0580716	0.219554	1.09557	1.09557	0.780924	1.01991	1.01991	0.0805324	1.14688	1.14688	0.942336	0.994898	-1.00513	0.600921	0.963373	-1.03802
cg26499487	SNRPD2;QPCTL;SNRPD2;SNRPD2;QPCTL;SNRPD2	0.0580745	0.816973	0.944263	-1.05903	0.350485	0.788416	-1.26837	0.0278816	0.525801	-1.90186	0.329979	1.28234	1.28234	0.711542	0.912211	-1.09624
cg01484075	GLI2	0.0580756	0.035063	0.241961	-4.1329	0.414205	0.617343	-1.61985	0.108665	0.363808	-2.74871	0.671952	0.781814	-1.27908	0.136294	0.39552	-2.52831
cg23174392	GRTP1	0.0580759	0.988905	0.995802	-1.00422	0.598216	0.8514	-1.17454	0.0442799	0.497095	-2.01169	0.560306	0.836813	-1.19501	0.00918851	0.367656	-2.71993
cg14759277	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0580764	0.0852424	3.03867	3.03867	0.51079	1.47641	1.47641	0.308004	1.85214	1.85214	0.156155	2.42579	2.42579	0.16282	2.38745	2.38745
cg04406111	TACC2;TACC2	0.0580769	0.045583	22.2657	22.2657	0.0569319	18.4705	18.4705	0.106054	10.906	10.906	0.0796341	13.9181	13.9181	0.167921	7.31003	7.31003
cg16662989	LOC100268168;LOC100268168;RPL26L1	0.0580773	0.977094	0.986758	-1.01342	0.0022203	7.316	7.316	0.912385	1.05243	1.05243	0.316741	0.61843	-1.617	0.270624	0.5871	-1.70329
cg04972513	FAM171A2	0.0580775	0.202111	0.614214	-1.6281	0.118842	0.541909	-1.84533	0.842714	1.07454	1.07454	0.0170378	0.348974	-2.86554	0.776741	1.10837	1.10837
cg01861509	SPOCK2;SPOCK2	0.0580794	0.641131	1.23075	1.23075	0.00341955	5.80812	5.80812	0.280498	1.6424	1.6424	0.269536	0.601367	-1.66288	0.688016	1.19546	1.19546
cg10621825	STL	0.0580803	0.450077	1.09265	1.09265	0.110288	1.22184	1.22184	0.882136	1.01723	1.01723	0.93234	0.990272	-1.00982	0.797473	0.970829	-1.03005
cg04478180	ART3	0.0580807	0.0305194	0.460569	-2.17123	0.129373	1.64832	1.64832	0.00927625	0.365366	-2.73698	0.0750932	0.54635	-1.83033	0.198883	0.660972	-1.51292
cg16653700	SNTG2	0.0580818	0.656727	1.09921	1.09921	0.0320573	0.587973	-1.70076	0.0706965	1.5328	1.5328	0.298977	0.79641	-1.25563	0.775488	1.06233	1.06233
cg11926020	MRPS22	0.0580826	0.402213	0.921704	-1.08495	0.256976	0.893586	-1.11909	0.508399	0.938189	-1.06588	0.00310875	0.680683	-1.46911	0.731049	0.967719	-1.03336
cg12347123	ADAM17	0.0580829	0.351855	0.731158	-1.36769	0.489397	1.25797	1.25797	0.841967	1.06742	1.06742	0.187176	0.633245	-1.57917	0.00292931	0.262979	-3.80258
cg00267352	MAMLD1;MAMLD1	0.0580837	0.0981113	0.253769	-3.9406	0.0757719	0.224513	-4.45409	0.0933896	0.24788	-4.03421	0.26262	0.413634	-2.4176	0.0111691	0.0903886	-11.0633
cg06022942	FLJ45983;GATA3;GATA3;FLJ45983	0.0580846	?	?	?	0.678141	0.899691	-1.11149	0.75975	1.08065	1.08065	?	?	?	0.057726	0.554902	-1.80212
cg08605773	TBCD	0.0580847	0.0223639	0.387966	-2.57755	0.64852	0.853198	-1.17206	0.20277	0.628022	-1.5923	0.942464	1.02529	1.02529	0.00503624	0.277099	-3.60881
cg12121782	KRT18;KRT18	0.0580849	0.915131	1.02018	1.02018	0.031576	0.623525	-1.60379	0.0167864	0.578759	-1.72784	0.308431	1.2184	1.2184	0.163788	0.75696	-1.32107
cg11063170	SNORD116-4	0.0580858	0.261019	0.67315	-1.48555	0.278041	0.683281	-1.46353	0.0560803	2.07627	2.07627	0.690881	0.873755	-1.14449	0.275889	0.68202	-1.46623
cg10123201	MYL3	0.0580858	0.0882686	0.298675	-3.34812	0.00694871	0.106055	-9.42908	0.0302731	0.19467	-5.1369	0.209369	0.427389	-2.33979	0.213085	0.430658	-2.32203
cg26450774	GALNTL4	0.0580867	0.367678	0.822011	-1.21653	0.372346	0.82366	-1.21409	0.0504583	0.623615	-1.60355	0.0166193	0.538203	-1.85803	0.683081	1.09084	1.09084
cg06543101	KCNK16;KCNK16;KCNK16;KCNK16	0.0580882	0.656775	0.840156	-1.19025	0.316052	1.49732	1.49732	0.21377	0.600618	-1.66495	0.166747	0.563208	-1.77554	0.0159967	0.31712	-3.15338
cg09925987	IQCE;IQCE	0.058089	0.162023	0.604917	-1.65312	0.035632	0.438959	-2.27812	0.0852899	0.527036	-1.8974	0.519639	0.802714	-1.24577	0.00496561	0.285877	-3.49801
cg20922957	GOLGA6L1	0.0580895	0.013275	0.52937	-1.88904	0.827231	1.04635	1.04635	0.0368904	0.605047	-1.65276	0.472574	0.859467	-1.16351	0.161992	0.733807	-1.36276

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11035122	0.134259	1.89523	1.89523	0.17008	1.78342	1.78342	0.0408114	0.392653	-2.54678	0.0475923	0.407777	-2.45232	3.20092	7.94656	2.20675	1
cg15430169	0.0637438	0.27514	-3.63451	0.0417854	0.233888	-4.27556	0.62246	0.735439	-1.35973	0.490812	0.648339	-1.5424	3.20088	19.4356	5.39728	1
cg01834776	0.992152	0.992297	-1.00776	0.00427379	20.1881	20.1881	0.2825	0.415618	-2.40606	0.210424	0.354319	-2.82232	3.20087	31.334	8.70152	1
cg23730027	0.0620421	3.77656	3.77656	0.0175742	6.21752	6.21752	0.170132	0.396903	-2.5195	0.749582	0.816653	-1.22451	3.2008	20.2782	5.63142	1
cg18762727	0.542776	1.24292	1.24292	0.00680138	0.290002	-3.44826	0.490271	0.780856	-1.28065	0.807617	0.917488	-1.08993	3.20079	6.31656	1.75417	1
cg00554250	0.209277	0.60851	-1.64336	0.11491	1.90306	1.90306	0.202982	0.603841	-1.65606	0.426606	0.737348	-1.35621	3.20078	7.14204	1.98342	1
cg05534444	0.372498	0.684702	-1.46049	0.0175555	0.302531	-3.30544	0.0215577	3.13246	3.13246	0.226643	1.69075	1.69075	3.20077	8.67598	2.40942	1
cg24298421	0.832959	1.02558	1.02558	0.0485925	0.763838	-1.30918	0.0369462	0.748446	-1.3361	0.510776	1.08304	1.08304	3.20077	0.724936	0.201323	1
cg08859278	0.928566	1.01928	1.01928	0.0471349	1.6221	1.6221	0.226078	0.76287	-1.31084	0.144216	0.716034	-1.39658	3.20073	2.2984	0.638299	1
cg21256656	0.711348	1.05829	1.05829	0.27565	0.841266	-1.18869	0.90994	0.982902	-1.0174	0.55644	1.0949	1.0949	3.20072	1.17758	0.327032	1
cg16994510	0.0761315	0.584694	-1.7103	0.0118935	0.425817	-2.34843	0.344596	0.767411	-1.30308	0.316483	0.754558	-1.32528	3.20071	3.74874	1.04109	1
cg01040649	0.0509297	0.423031	-2.36389	0.673169	0.848623	-1.17838	0.856324	1.07264	1.07264	0.0431319	0.406475	-2.46018	3.20067	7.5879	2.10731	1
cg24720717	0.00491011	0.0291596	-34.294	?	?	?	?	?	?	0.290743	0.35349	-2.82893	3.30169	36.5879	12.6646	1
cg20090283	0.119302	2.02208	2.02208	0.0230938	3.10062	3.10062	0.169897	1.83851	1.83851	0.607321	0.805804	-1.241	3.20061	8.79494	2.44258	1
cg03892041	0.485279	0.893523	-1.11917	0.0781781	1.36437	1.36437	0.504913	0.898148	-1.1134	0.0114213	0.604952	-1.65302	3.2006	1.27774	0.354861	1
cg17716724	0.161182	0.56368	-1.77406	0.115355	0.519032	-1.92667	0.253915	0.633552	-1.5784	0.106588	0.509153	-1.96405	3.20057	7.43908	2.06604	1
cg08962271	0.0823897	1.80004	1.80004	0.229671	1.4697	1.4697	0.171252	0.640802	-1.56054	0.923995	1.02958	1.02958	3.20056	4.73096	1.31392	1
cg14387428	0.110359	0.659352	-1.51664	0.0051276	2.42312	2.42312	0.537654	0.861232	-1.16113	0.30757	1.28765	1.28765	3.20055	2.90442	0.806645	1
cg00790928	0.459081	1.1256	1.1256	0.113213	0.762963	-1.31068	0.343713	1.16543	1.16543	0.915482	0.983477	-1.0168	3.20055	1.24865	0.346787	1
cg15570966	0.138247	0.540867	-1.84888	0.00406825	0.226494	-4.41512	0.105609	0.50623	-1.97539	0.0623681	0.44584	-2.24296	3.20054	7.51653	2.08757	1
cg16427096	0.135592	2.20967	2.20967	0.0475955	0.327331	-3.05501	0.0145028	0.226602	-4.41303	0.18124	0.49677	-2.013	3.20051	12.3157	3.42049	1
cg16574065	0.619806	1.05533	1.05533	0.374324	0.906477	-1.10317	0.315529	1.11823	1.11823	0.788818	0.971507	-1.02933	3.20048	0.587692	0.163223	1
cg05801038	0.34392	0.681903	-1.46648	0.004773	0.229643	-4.35459	0.556811	1.26286	1.26286	0.758979	0.886162	-1.12846	3.20044	7.81699	2.17109	1
cg11585071	0.568991	0.864629	-1.15656	0.165034	1.45387	1.45387	0.571057	0.865316	-1.15565	0.707587	0.909176	-1.0999	3.2004	3.23648	0.898911	1
cg08641214	0.891369	1.04367	1.04367	0.053218	0.503106	-1.98765	0.00332052	0.286348	-3.49226	0.354749	0.742473	-1.34685	3.2004	4.95858	1.37721	1
cg03195015	0.116699	1.34246	1.34246	0.00385581	0.510297	-1.95964	0.0672064	0.701581	-1.42535	0.446574	0.874549	-1.14345	3.2004	1.51321	0.420284	1
cg01446895	0.949756	1.02467	1.02467	0.00322152	4.733	4.733	0.0177636	3.04891	3.04891	0.104514	1.98627	1.98627	3.20036	7.58133	2.10569	1
cg09412808	0.420465	1.25588	1.25588	0.00149116	3.55347	3.55347	0.143724	1.54475	1.54475	0.753417	1.09115	1.09115	3.2003	3.884	1.07879	1
cg16862295	0.955868	0.985231	-1.01499	0.127896	0.642389	-1.55669	0.365206	0.778678	-1.28423	0.0948862	0.610487	-1.63804	3.20027	3.66418	1.01774	1
cg20448001	0.0450835	2.14123	2.14123	0.306475	1.4199	1.4199	0.964772	0.985482	-1.01473	0.880007	1.05129	1.05129	3.20026	5.55748	1.54362	1
cg14182693	0.131856	0.521219	-1.91858	0.0478205	0.403935	-2.47565	0.477674	1.33539	1.33539	0.00822024	0.258088	-3.87465	3.20021	8.13472	2.2595	1
cg02580197	0.902896	1.03428	1.03428	0.0494345	0.538412	-1.85731	0.171589	0.669048	-1.49466	0.541785	1.18595	1.18595	3.20019	3.8647	1.07346	1
cg04610589	0.321676	0.733167	-1.36395	0.0739861	1.82886	1.82886	0.991906	1.00308	1.00308	0.103664	1.71516	1.71516	3.20016	4.65813	1.29386	1
cg14126484	0.057118	0.474693	-2.10662	0.590036	1.20718	1.20718	0.403802	0.743992	-1.3441	0.734422	1.1251	1.1251	3.20012	6.07331	1.68697	1
cg11028586	0.322403	0.823066	-1.21497	0.0039381	0.477628	-2.09368	0.424482	1.1681	1.1681	0.93575	0.984759	-1.01548	3.20011	1.83915	0.510858	1
cg20954987	0.848141	0.969285	-1.03169	0.0212896	0.637358	-1.56898	0.497974	1.11847	1.11847	0.563328	1.09974	1.09974	3.20008	1.34213	0.372803	1
cg14166071	0.753824	0.944336	-1.05894	0.143761	1.33104	1.33104	0.625939	1.09355	1.09355	0.17695	0.770065	-1.29859	3.20005	1.67977	0.466595	1
cg19233518	0.222241	0.775914	-1.2888	0.901208	0.975737	-1.02487	0.811154	0.95376	-1.04848	0.0653423	1.50556	1.50556	3.20003	1.98258	0.55071	1
cg06326072	0.745375	1.13157	1.13157	0.0167223	0.330234	-3.02816	0.0246007	0.362242	-2.76059	0.11762	0.524845	-1.90532	3.19995	7.29219	2.02564	1
cg05635940	0.234478	1.47287	1.47287	0.384078	1.31956	1.31956	0.108539	1.7227	1.7227	0.0294648	2.2181	2.2181	3.19993	4.89239	1.35903	1
cg05400196	0.286673	0.720965	-1.38703	0.253422	0.702787	-1.42291	0.237169	1.44226	1.44226	0.176069	0.653532	-1.53015	3.19992	4.43147	1.231	1
cg06441568	0.147843	1.22346	1.22346	0.0117302	0.664334	-1.50527	0.290874	1.15301	1.15301	0.416618	1.11387	1.11387	3.1999	0.855128	0.237543	1
cg07008784	0.0279036	0.13833	-7.22907	0.0121869	0.0927051	-10.7869	0.0137449	0.0983395	-10.1689	0.0828674	0.231726	-4.31544	3.19987	29.3786	8.16104	1
cg26477746	0.649292	1.05832	1.05832	0.00255764	1.67864	1.67864	0.450503	1.09987	1.09987	0.311457	0.878408	-1.13842	3.19987	0.776788	0.215783	1
cg13221458	0.121842	0.405655	-2.46515	0.00752268	0.157145	-6.36355	0.0225161	0.229877	-4.35015	0.15211	0.438053	-2.28283	3.19982	14.6695	4.07511	1
cg00994693	0.0100071	0.344489	-2.90285	0.533769	1.22942	1.22942	0.328426	1.39179	1.39179	0.216854	0.653207	-1.53091	3.19981	5.44329	1.51212	1
cg26701390	0.0845514	3.45778	3.45778	0.00697425	9.67424	9.67424	0.0472013	4.37829	4.37829	0.071615	3.69921	3.69921	3.1998	21.4293	5.95296	1
cg05152815	0.787792	0.935652	-1.06877	0.17908	0.703382	-1.4217	0.272001	0.754366	-1.32562	0.119436	0.659319	-1.51672	3.19979	3.07978	0.855552	1
cg09744452	0.566442	1.32353	1.32353	0.0739558	0.381627	-2.62036	0.20417	1.91201	1.91201	0.855704	1.09204	1.09204	3.19979	11.8564	3.29367	1
cg04938738	0.163423	0.694553	-1.43977	0.20043	0.717915	-1.39292	0.0686511	0.606892	-1.64774	0.0620421	0.597594	-1.67338	3.19978	3.04309	0.845359	1
cg17713864	0.592981	0.964554	-1.03675	0.0686166	0.872546	-1.14607	0.0501196	0.861223	-1.16114	0.234824	0.920082	-1.08686	3.19978	0.226736	0.0629867	1
cg25976755	0.0774608	1.54893	1.54893	0.0157156	1.93481	1.93481	0.520244	0.864758	-1.15639	0.980051	1.00559	1.00559	3.19976	2.51885	0.699732	1
cg25421855	0.0248113	1.30773	1.30773	0.768093	0.970743	-1.03014	0.509998	0.93509	-1.06942	0.101541	1.19725	1.19725	3.19975	0.511053	0.14197	1
cg05182418	0.145408	0.430031	-2.32541	0.00765824	0.157195	-6.36153	0.196164	0.478176	-2.09128	0.955785	1.03038	1.03038	3.19974	14.7658	4.10194	1
cg01089319	0.129005	0.417659	-2.3943	0.698888	0.813119	-1.22983	0.0234065	0.236598	-4.22658	0.513029	0.702525	-1.42344	3.19971	14.3547	3.9878	1
cg15175005	0.142856	1.60929	1.60929	0.016987	2.40957	2.40957	0.00578125	2.98168	2.98168	0.511362	1.22292	1.22292	3.1997	4.62569	1.28503	1
cg16325174	0.27588	0.39144	-2.55467	0.139176	0.267922	-3.73243	0.2483	0.368375	-2.71463	0.934862	0.934599	-1.06998	3.19961	34.6973	9.63931	1
cg07859876	0.789941	1.03276	1.03276	0.872419	1.01959	1.01959	0.0399931	1.33183	1.33183	0.951874	1.00731	1.00731	3.1996	0.738458	0.205153	1
cg26904782	0.583639	0.902476	-1.10806	0.124883	0.734931	-1.36067	0.00298162	2.12835	2.12835	0.588119	1.10669	1.10669	3.19959	1.74167	0.48386	1
cg11091012	0.234635	1.2494	1.2494	0.129316	0.746075	-1.34035	0.175223	1.29391	1.29391	0.328873	0.835173	-1.19736	3.19956	1.61883	0.449737	1
cg05860886	0.758591	1.06613	1.06613	0.0564191	0.638441	-1.56632	0.055437	1.56987	1.56987	0.117485	1.42361	1.42361	3.19953	2.18683	0.607542	1
cg25013327	0.266154	0.904595	-1.10547	0.00368559	0.711998	-1.4045	0.181411	1.13063	1.13063	0.277589	0.906907	-1.10265	3.24447	0.342068	0.105431	1
cg05464589	0.814674	0.96326	-1.03814	0.0207944	1.55833	1.55833	0.460847	1.12714	1.12714	0.482485	0.892444	-1.12052	3.19952	1.28778	0.35777	1
cg19273074	0.307381	0.561587	-1.78067	0.0139793	0.190616	-5.24616	0.00497019	0.131251	-7.61898	0.509971	0.694223	-1.44046	3.19952	15.1099	4.19784	1
cg07312954	0.00558804	1.71391	1.71391	0.260164	1.18993	1.18993	0.731642	0.950309	-1.05229	0.096783	1.30983	1.30983	3.19949	1.11077	0.308597	1
cg10650127	0.305179	0.612613	-1.63235	0.0506789	2.79441	2.79441	0.0210485	0.27784	-3.59919	0.917577	0.953351	-1.04893	3.19949	10.7925	2.99839	1
cg19403339	0.0246601	0.815847	-1.22572	0.0284158	1.21747	1.21747	0.64901	0.965743	-1.03547	0.58856	0.959306	-1.04242	3.19949	0.293243	0.0814694	1
cg03866360	0.20425	1.30538	1.30538	0.838127	1.04153	1.04153	0.0299869	0.601792	-1.6617	0.176949	1.3304	1.3304	3.19946	2.00496	0.557028	1
cg03701427	0.417156	0.641904	-1.55787	?	?	?	0.493095	1.45084	1.45084	0.324135	1.72361	1.72361	3.24439	13.0556	4.02406	1
cg09855544	0.471314	0.703166	-1.42214	0.011058	0.216207	-4.62519	0.643162	1.25134	1.25134	0.024353	0.275378	-3.63137	3.19944	11.704	3.25169	1
cg10097045	0.452051	0.834094	-1.19891	0.0318732	1.81395	1.81395	0.192614	0.721434	-1.38613	0.624984	0.889901	-1.12372	3.19942	2.84093	0.789291	1
cg20011459	0.591635	1.0763	1.0763	0.00150188	1.86112	1.86112	0.125133	1.25281	1.25281	0.104613	1.27233	1.27233	3.19942	0.934163	0.259537	1
cg13926267	0.632985	1.15507	1.15507	0.0401314	2.03535	2.03535	0.911125	0.967095	-1.03402	0.0376013	0.485392	-2.06019	3.19937	4.54994	1.26412	1
cg20255713	0.100246	0.267209	-3.74239	0.249391	0.413851	-2.41633	0.0116876	0.0993541	-10.065	0.0876418	0.251154	-3.98162	3.19935	27.2142	7.56104	1
cg07553297	?	?	?	0.89382	0.923238	-1.08314	0.192763	2.2806	2.2806	0.841587	0.8872	-1.12714	3.24426	16.3376	5.03585	1
cg10427027	0.822199	0.841592	-1.18822	0.040021	0.162265	-6.16274	0.838913	0.85559	-1.16878	0.0451497	0.17185	-5.81902	3.19931	29.7492	8.26544	1
cg26335602	0.811305	1.1213	1.1213	0.0157149	0.242418	-4.12511	0.73982	0.852545	-1.17296	0.0384884	3.15081	3.15081	3.1993	11.6098	3.22565	1
cg25613251	0.759731	1.09255	1.09255	0.834146	0.941295	-1.06237	0.0100569	2.55309	2.55309	0.244645	1.42074	1.42074	3.19926	4.21842	1.17205	1
cg20669641	0.102015	1.79905	1.79905	0.647033	1.16332	1.16332	0.425348	1.30619	1.30619	0.879406	0.951403	-1.05108	3.19925	5.45531	1.51572	1
cg18685773	0.0206299	0.649177	-1.54041	0.345017	1.16269	1.16269	0.0435195	0.697852	-1.43297	0.398248	1.14344	1.14344	3.19924	1.21701	0.338138	1
cg12080751	0.934029	1.00968	1.00968	0.0274987	1.35421	1.35421	0.592996	1.06476	1.06476	0.154973	0.837766	-1.19365	3.19921	0.685335	0.190418	1
cg25365518	0.774156	1.08141	1.08141	0.0647155	1.75843	1.75843	0.898956	0.96603	-1.03516	0.356682	0.772676	-1.2942	3.1992	3.74984	1.04189	1
cg10063682	0.569732	1.11818	1.11818	0.0197933	1.72825	1.72825	0.135368	1.36744	1.36744	0.940055	1.01473	1.01473	3.19919	1.9154	0.53219	1
cg21154876	0.849687	0.930174	-1.07507	0.0694622	0.460828	-2.17	0.967625	0.984635	-1.0156	0.943503	0.973323	-1.02741	3.19918	7.37485	2.04909	1
cg13837033	0.281663	1.27127	1.27127	0.434014	0.842614	-1.18678	0.287928	0.789248	-1.26703	0.356775	1.22546	1.22546	3.19917	2.33158	0.647829	1
cg24082826	0.510529	1.11664	1.11664	0.0293433	0.654254	-1.52846	0.634382	1.08241	1.08241	0.312844	1.18835	1.18835	3.19917	1.38444	0.384667	1
cg01789499	0.0716442	7.26357	7.26357	0.00907028	26.2863	26.2863	0.023189	14.5214	14.5214	0.0351735	11.2327	11.2327	3.1991	49.24	13.6816	1
cg07258507	0.316879	0.796499	-1.25549	0.152241	1.40107	1.40107	0.0574262	1.60412	1.60412	0.861011	0.962196	-1.03929	3.19909	2.45	0.680749	1
cg05686503	0.00904927	0.510554	-1.95866	0.930705	1.01778	1.01778	0.209825	1.3071	1.3071	0.367431	1.20636	1.20636	3.19906	2.08038	0.578055	1
cg15613465	0.273321	1.16053	1.16053	0.354966	1.13232	1.13232	0.566486	1.07861	1.07861	0.0080455	1.55795	1.55795	3.19904	0.864073	0.240092	1
cg08484972	0.607987	1.10893	1.10893	0.999612	0.999903	-1.0001	0.0638297	0.659459	-1.51639	0.405415	1.18544	1.18544	3.19899	2.02339	0.562229	1
cg22276896	0.434979	1.09301	1.09301	0.00977649	1.44015	1.44015	0.996499	0.99951	-1.00049	0.737207	1.03832	1.03832	3.19897	0.631543	0.175485	1
cg12503742	0.433243	1.507	1.507	0.939441	0.961782	-1.03974	0.220763	0.516747	-1.93518	0.137009	0.439779	-2.27387	3.19897	13.3258	3.7028	1
cg14582957	0.71286	0.837927	-1.19342	0.534134	0.739924	-1.35149	0.361042	1.56701	1.56701	0.954015	0.972791	-1.02797	3.19893	11.594	3.22165	1
cg17461443	0.90264	0.961972	-1.03953	0.0269085	2.29394	2.29394	0.850643	1.06154	1.06154	0.365453	0.744837	-1.34257	3.19892	5.08481	1.41292	1
cg00720629	0.0258161	0.315901	-3.16555	0.0838533	0.434788	-2.29997	0.724683	1.16644	1.16644	0.533936	1.31557	1.31557	3.19889	9.60332	2.66852	1
cg22499964	0.285496	1.28356	1.28356	0.0934174	0.660172	-1.51476	0.866341	1.03864	1.03864	0.555691	1.14354	1.14354	3.19887	2.56573	0.712956	1
cg21742716	0.0496955	3.58895	3.58895	0.176957	2.26854	2.26854	0.288682	1.8751	1.8751	0.9819	1.01303	1.01303	3.19884	16.5044	4.58622	1
cg23449274	0.00753592	0.485711	-2.05884	0.152199	1.38006	1.38006	0.882737	1.03148	1.03148	0.547679	0.880048	-1.1363	3.19882	2.23462	0.620955	1
cg16709385	0.99263	1.00465	1.00465	0.661953	0.80163	-1.24746	0.135779	0.445775	-2.24328	0.0494824	0.324152	-3.08497	3.19879	12.7964	3.5559	1
cg04431946	0.157169	0.784348	-1.27494	0.00368091	0.532406	-1.87826	0.872192	0.974482	-1.02619	0.731228	0.946144	-1.05692	3.19877	1.30596	0.362906	1
cg05105919	0.118746	0.532025	-1.87961	0.567961	0.806463	-1.23998	0.279494	1.52042	1.52042	0.0383949	0.408996	-2.44501	3.19877	7.03563	1.95509	1
cg11987819	0.478797	1.49703	1.49703	?	?	?	0.807356	1.14636	1.14636	0.097964	2.79946	2.79946	3.55498	13.3939	3.76764	1
cg08218734	0.706934	1.14162	1.14162	0.0841356	1.95448	1.95448	0.0641154	2.07425	2.07425	0.0109488	3.0641	3.0641	3.1987	6.22992	1.73124	1
cg10235170	0.245673	0.762949	-1.3107	0.00940807	0.480189	-2.08252	0.523347	0.86578	-1.15503	0.604013	0.88995	-1.12366	3.19866	2.51543	0.699022	1
cg02775254	0.838111	0.926443	-1.0794	0.0515693	0.437115	-2.28773	0.806409	1.09603	1.09603	0.187702	0.593679	-1.68441	3.19865	7.06592	1.96358	1
cg01892727	0.914111	0.969968	-1.03096	0.007156	0.374736	-2.66855	0.225783	0.698015	-1.43263	0.423736	0.793806	-1.25975	3.19865	4.04664	1.12454	1
cg15464226	0.182133	0.396165	-2.5242	0.0244114	0.173164	-5.77486	0.207625	0.419455	-2.38405	0.170666	0.385213	-2.59596	3.19863	21.6578	6.01863	1
cg08659340	0.839148	1.09208	1.09208	0.0323332	0.337534	-2.96266	0.0393203	0.355825	-2.81037	0.624092	1.23869	1.23869	3.19862	9.51482	2.64415	1
cg18648343	0.00141909	1.38607	1.38607	0.41012	1.06136	1.06136	0.204094	1.09939	1.09939	0.287274	1.08125	1.08125	3.19859	0.253219	0.0703696	1
cg26499487	0.0197603	2.00646	2.00646	0.0397924	1.80037	1.80037	0.139369	1.4822	1.4822	0.56417	1.15514	1.15514	3.19853	3.10011	0.861537	1
cg01484075	0.0451103	0.26488	-3.77529	0.018078	0.190286	-5.25525	0.0425269	0.259333	-3.85605	0.0103788	0.154853	-6.45774	3.1985	16.9156	4.70096	1
cg23174392	0.00619029	0.339604	-2.9446	0.324505	0.73506	-1.36043	0.674831	0.880167	-1.13615	0.0732339	0.546432	-1.83005	3.1985	4.63607	1.2884	1
cg14759277	0.170841	2.3439	2.3439	0.00567249	8.32827	8.32827	0.00563311	8.35123	8.35123	0.343241	1.76885	1.76885	3.19849	17.2834	4.80322	1
cg04406111	0.0487983	21.0261	21.0261	0.0114949	72.1945	72.1945	0.0212712	42.4066	42.4066	0.0507662	20.339	20.339	3.19848	92.811	25.7931	1
cg16662989	0.76194	1.15151	1.15151	0.0998205	0.432845	-2.31029	0.978369	1.01267	1.01267	0.58004	1.29629	1.29629	3.19847	10.9208	3.03501	1
cg04972513	0.304914	0.680798	-1.46887	0.00536156	0.265242	-3.77015	0.37329	0.718372	-1.39204	0.0375449	0.417583	-2.39474	3.19846	6.63456	1.84382	1
cg01861509	0.315294	1.58288	1.58288	0.83157	1.09878	1.09878	0.064653	0.399353	-2.50405	0.419133	0.694113	-1.44069	3.19842	9.90937	2.75396	1
cg10621825	0.222945	1.15885	1.15885	0.243826	0.869025	-1.15072	0.0390496	0.759584	-1.31651	0.00654653	1.50179	1.50179	3.1984	0.671363	0.186583	1
cg04478180	0.734859	1.10924	1.10924	0.557046	0.834324	-1.19858	0.101298	0.578566	-1.72841	0.300044	0.720696	-1.38755	3.19839	4.71174	1.30947	1
cg16653700	0.034274	0.593176	-1.68584	0.0688416	1.53818	1.53818	0.234189	0.768191	-1.30176	0.244331	0.772934	-1.29377	3.19837	2.26517	0.629533	1
cg11926020	0.355121	1.09468	1.09468	0.0439732	0.802406	-1.24625	0.208089	0.881419	-1.13453	0.260773	1.118	1.118	3.19836	0.45813	0.127324	1
cg12347123	0.336866	1.38211	1.38211	0.274417	1.45015	1.45015	0.793701	1.08943	1.08943	0.0999106	0.554757	-1.80259	3.19835	5.41049	1.50369	1
cg00267352	0.457613	0.564561	-1.77129	0.00455053	0.0574791	-17.3976	0.208026	0.366665	-2.72728	0.138912	0.30001	-3.33322	3.19833	28.9368	8.0422	1
cg06022942	0.0190767	0.441153	-2.26679	0.00785031	0.357698	-2.79565	0.190371	0.695175	-1.43849	0.25678	0.735442	-1.35973	4.51461	3.25025	0.514243	1
cg08605773	0.0566526	0.474075	-2.10937	0.841628	0.93313	-1.07166	0.849366	0.936338	-1.06799	0.0358535	0.42968	-2.32731	3.19831	6.06246	1.68491	1
cg12121782	0.659018	1.08677	1.08677	0.0523066	1.51221	1.51221	0.175093	0.7632	-1.31027	0.469432	0.871176	-1.14787	3.1983	1.77861	0.494321	1
cg11063170	0.41105	0.752907	-1.32819	0.60464	0.838328	-1.19285	0.005394	3.4444	3.4444	0.295204	0.69314	-1.44271	3.19829	5.77439	1.60486	1
cg10123201	0.0467318	0.231559	-4.31855	0.0230506	0.174446	-5.73244	0.0865346	0.296296	-3.375	0.124223	0.343191	-2.91383	3.19829	20.908	5.8109	1
cg26450774	0.493197	1.15882	1.15882	0.0310006	1.70981	1.70981	0.207662	1.32501	1.32501	0.534855	1.1424	1.1424	3.19827	2.27261	0.631624	1
cg06543101	0.623943	0.824952	-1.21219	0.0153364	0.313815	-3.18659	0.0137961	0.305638	-3.27184	0.323826	0.672454	-1.48709	3.19823	7.68173	2.13499	1
cg09925987	0.578946	0.828017	-1.2077	0.128246	1.73945	1.73945	0.882172	0.951294	-1.0512	0.296829	0.694781	-1.4393	3.19822	5.74136	1.59571	1
cg20922957	0.103188	1.44699	1.44699	0.0826782	1.48941	1.48941	0.776471	1.06078	1.06078	0.778534	0.943233	-1.06018	3.19821	2.17637	0.604886	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Ratio(5 vs. N)	Fold-Change(5 vs. 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
2ud0088673	DAGLA		0.1134676	0.444498	-2.25125	0.03279257	0.270546	-3.69486	0.08563558	0.384464	-2.60102	0.470932	0.691419	-1.44651	0.0257378	0.263779	-3.79105	0.0827307	0.380304	-2.62947	0.0120235	0.326788	-4.85307	0.0328666	0.28431	-3.57229	0.0608618	0.34538	-2.89536	3.1982	12.8228	3.56388	1
ch17032990	MAP4K4;MAP4K4;MAP4K4		0.1084441	2.66518	2.6853168	0.03725576	0.78093	3.87093	0.08107018	2.95281	2.95281	0.0231689	4.57072	4.570722	0.4021127	1.616511	1.616511	0.0538871	3.40475	3.404475	0.00789657	6.73625	6.73625	0.0490392	3.51817	3.518172	0.1684342	2.27411	2.274111	3.918616	15.8733	4.41177	1
ch12502577	NXPH4		0.1128339	3.32815	3.32815	0.04122737	5.15597	5.15597	0.934297	0.944174	-1.05913	0.083476	3.79921	3.79921	0.1117746	3.34252	3.34252	0.0884306	3.53477	3.53477	0.00934672	9.94021	9.94021	29599	0.470016	-2.12759	0.0645378	4.24897	4.248971	3.918616	24.5861	6.833338	1
ch07397033	BUNC;BUNC;BUNC;BUNC;BUNC		0.5158016	1.25922	1.25922	0.2019944	1.609246	1.60926	0.16852	0.595644	-1.67885	0.286022	0.676216	-1.47882	0.00237677	0.224024	-4.46381	0.902953	1.04401	1.04401	0.62849	1.13787	1.13787	0.418797	1.33872	1.33872	0.600326	1.20523	1.205233	3.918616	6.31547	1.75531	1
ch15160457	HDHD2;HDHD2		0.0508946	?	?	?	0.0906441	0.549639	-1.81938	0.376915	0.749865	-1.33357	0.80004	1.0836	1.0836	0.1201025	2.78665	2.78665	0.156748	1.62253	1.62253	?	?	?	0.3833279	0.752905	-1.32819	3.62661	3.74658	1.20593	1
ge55000919	ST68		0.0508046	0.3125791	-3.19804	0.03131382	0.189329	-5.2818	0.07176449	0.336902	-2.96822	0.252013	0.523307	-1.91092	0.01773331	0.210044	-4.76315	0.145066	0.428742	-2.33241	0.1118142	0.399236	-2.50478	0.01705	0.207206	-4.82651	0.0898096	0.363329	-2.75232	3.1981	14.83445	4.12316	1
ge07783748	IHX9		0.0508065	0.0873567	0.373687	-2.67604	0.2928125	0.565994	-1.7668	0.413028	0.646318	-1.54723	0.145294	2.26058	2.26058	0.0671526	0.342991	-2.91553	0.105165	0.397172	-2.5178	0.00475638	0.141548	-7.06473	0.205828	0.49856	-2.00578	0.175763	0.471984	-2.11872	3.19806	13.7767	3.82918	1
ch19423626	WDR18		0.0508071	0.838152	1.05115	0.05115	0.0480158	1.64614	1.64614	0.13614	0.373435	1.42313	1.42313	0.972013	1.00853	0.819552	0.94079	-1.06332	0.189584	0.806495	1.23993	0.166942	1.53614	1.53614	0.0240523	1.92787	1.92787	0.00560986	2.42778	2.427778	3.19804	3.01348	0.837931	1
ge08792634	C10orf78;C10orf78		0.0508082	0.132221	0.87786	-1.13933	0.3577565	1.07878	1.07878	0.0339088	2.83965	2.83965	2.83965	0.1219654	0.7537269	1.1828	1.1828	0.696651	1.03191	1.031911	0.0136245	0.782935	-1.27725	0.677222	0.960992	-1.03413	0.406822	0.94233	0.94233	-1.0612	3.19802	0.325636	0.0905105	1
ch12516621	AP1M1;AP1M1		0.0508088	0.140314	0.507375	-1.97093	0.0359498	0.352189	-2.83939	0.123544	2.04102	2.04102	0.168725	1.87238	1.87238	0.152346	1.92654	1.92654	0.284082	0.621297	-1.60954	?	?	?	0.186615	0.549486	-1.81988	0.1126115	2.09318	2.09318	3.24291	8.3151	2.57519	1
ch13189167	LPA		0.0510008	0.0065284	2.907005	-1.3699	0.0143439	0.072092	-13.8771	0.0221405	0.387848	-2.57833	0.0060536	0.481838	2.075933	0.0060536	0.481838	-2.07539	0.771715	0.882152	-1.1331	0.0260984	0.403804	-2.47645	0.46599	-2.14579	0.0178583	0.547148	-1.82766	3.19797	5.976332	-1.93914	0.1078583	0.547148	-1.82766	3.19797	5.976332	1.66114	1
ch03348338	CKorf15;CKorf15		0.0508115	0.00334215	0.364508	-2.74342	0.129245	0.661102	-1.51263	0.97227	0.991263	-1.00881	0.881811	0.963138	-1.03827	0.2510008	0.57246	-1.74685	0.23866	1.36557	1.365557	0.756928	0.924611	-1.08154	0.525459	1.17637	1.176367	0.160207	0.684689	-1.46052	3.19795	3.32813	0.8972728	1
ch20484152	FAM132A		0.0508148	0.175357	1.532318	1.532318	0.147872	1.51314	1.51314	0.144246	1.26702	1.26702	0.07207	2.66313	2.66313	0.414322	1.86631	-1.15431	0.387255	1.2841	1.2841	0.0609048	0.562941	-1.77639	0.167929	-1.49706	0.2002312	1.44543	1.445431	3.1979	4.039955	1.12295	1
ge24819835	CD3EJCD38		0.0508302	0.1554503	-1.80342	0.3260898	1.56905	1.56905	0.3147951	0.703125	-1.42222	0.171236	0.522816	-1.91272	0.02747409	0.313193	-3.2092	0.105514	0.452647	-2.20923	0.00595578	0.201733	-4.95705	0.694111	1.19239	1.19239	0.0752267	0.414011	-2.41539	3.1979	10.0373	2.78996	1
ge27291231	ANAPC2;SNAI1		0.0508151	0.0238153	0.111855	-8.94019	0.66134	0.699082	-1.43045	0.134211	0.269386	-3.71214	0.066228	0.187635	-5.32949	0.0147738	0.0874849	-11.4305	0.256369	0.382076	-2.61728	0.2162018	0.0805174	-12.4197	0.5038	0.1678	-5.95946	0.0903143	0.219633	-4.55305	3.19787	33.4032	9.28484	1
ge21132577	MYOM2		0.0508159	0.629645	1.17029	1.17029	0.2675532	1.45328	1.45328	0.1338	0.619339	0.839341	-1.19141	0.559279	0.814429	-1.22936	0.275901	0.627756	-1.48452	0.2007924	1.337879	1.337879	0.2764635	0.0122865	0.33603	-2.97593	0.2755	0.945491	-1.05765	0.71213	1.13839	1.13839	3.19775	6.19378	1.73737	1
ge09058471	KIF26B		0.0581117	0.0391561	0.0456623	-21.8999	0.384226	3.16984	3.16984	0.101048	10.1969	10.1969	0.841915	0.772426	-1.29462	0.21895	0.187901	-5.32194	0.264	0.221891	-4.50673	0.0174401	0.0236975	-42.1986	0.794967	1.40039	1.40039	0.0330317	0.0398215	-25.1121	3.19773	84.6828	23.5397	1
ge02260386	HEATR3;CDC75		0.0581118	0.0159402	0.0920509	-10.8607	0.2485	1.241	1.241	0.465329	2.15662	2.15662	1.262377	1.392474	1.392474	0.5547227	1.124009	-1.14409	0.0576443	0.56828	-1.75937	0.0141398	0.553664	-1.80618	0.171002	0.753733	-1.32706	0.38471	1.839895	-1.19062	3.19773	1.94103	0.539559	1
ge22673121	ASB9;ASB9;ASB9;ASB9		0.0581126	0.767747	0.90826	-1.10101	0.2531144	1.37377	1.47337	0.946867	1.02189	1.02189	0.847846	0.990496	-1.0044	0.0144204	0.229328	-4.46573	0.761245	1.04009	1.04009	0.298223	1.443958	1.443958	0.732421	0.89448	-1.11797	0.5106604	1.24213	1.242131	3.19771	5.346674	1.48625	1
ge22360804	SAAL1		0.0581152	0.454342	0.864414	-1.15708	0.2307219	0.942352	1.06405	0.7830356	0.636326	1.57102	0.718478	0.938553	1.065163	0.6122483	1.633703	-1.64206	0.876054	1.14203	1.142033	0.1503908	0.6536529	-1.53052	0.7313702	1.367409	-1.46162	0.0246474	0.533603	-1.87405	3.19763	2.009402	0.737449	1
ge23938542	CRIP2		0.0581184	0.00288879	0.0968629	-10.3239	0.457133	1.539556	1.539556	0.517275	0.687901	-1.4537	0.260317	1.95235	1.95235	0.173662	2.28152	2.28152	0.971089	1.02087	1.02087	0.115739	2.64918	2.64918	0.689595	1.25706	1.25706	0.852483	1.1119	1.1119	1.19759	16.4437	4.57113	1
ch01683505	DISP2		0.0581186	0.873481	1.02623	1.02623	0.6692933	1.39124	1.39124	0.341822	1.172551	1.172551	0.913264	0.996598	-1.00341	0.386375	1.15521	1.15521	0.1010441	0.627777	-1.5088	0.0076189	0.637026	-1.74633	0.606038	0.918944	-1.08821	0.471384	1.887771	-1.12642	3.19758	1.337	0.371671	1
ge21145136	SHSG13;SHSG13;SHSG13		0.0581197	0.62726	1.23564	1.23564	0.2779886	?	?	?	0.083127	0.360584	-2.77328	?	?	?	0.2706	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.19757	0.1	0.1	0.1	1
ge06708133	C19orf41		0.0581221	0.0554755	0.396347	-2.52304	0.30975	0.638795	-1.56545	0.00525322	0.208154	-4.80413	0.0704737	0.42232	-2.36787	0.114337	0.480303	-2.07985	0.4220316	0.704891	-1.41866	0.0285154	0.332216	-3.01009	0.181284	0.546011	-1.83146	0.0287651	0.332988	-3.00311	3.19751	9.20649	2.55935	1
ge06464493	SLC22A15		0.0581229	0.5779	0.334178	-2.99278	0.2720608	0.32948	-3.03548	0.0154405	0.107183	-10.0967	0.0162506	0.308272	-3.24405	0.0257182	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.19749	0.1	0.1	0.1	1
ge02464098	BNIP3L		0.0581237	0.436512	-2.19219	1.19219	0.1596887	0.716957	-1.39478	0.00723796	0.464218	-2.15416	0.195499	0.738464	-1.35416	0.0107521	0.570123	1.75401	0.0402019	0.595178	-1.68039	0.174948	0.726521	-1.37642	0.0294584	0.719354	-1.39033	0.1993997	0.837954	2.19338	3.19747	2.248352	0.690413	1
ge06760646	ZMYND15;CXCL16;ZMYND15;CXCL16		0.0581262	0.436279	1.25087	1.25087	0.141794	1.56083	1.56083	0.110455	1.63272	1.63272	0.295201	1.35426	1.35426	0.74928	0.913592	-1.09458	0.0599466	1.8188	1.8188	0.00277272	3.19919	3.19919	0.0689868	1.77454	1.77454	0.0728167	1.757777	1.75777	3.19742	4.02265	1.1183	1
ge23986158	RERE;RERE		0.0581268	0.2565811	1.37748	1.37748	0.0931168	1.16353	1.16353	0.602358	1.10183	-1.03833	0.6896445	1.74746	1.74746	0.0276182	2.31721	2.31721	0.1132904	0.8178332	1.1874	1.1874	0.1301974	0.7676	1.30271	1.6077	1.60771	0.1320494	1.623848	1.623848	3.19741	1.204899	0.525268	1
ge02523735	UIX4		0.0581276	0.174551	0.515116	-1.94131	0.617425	1.26026	1.26026	0.0853844	0.417478	-2.39533	0.1819181	0.521613	-1.91713	0.0076112	0.206724	-4.83736	0.0126699	0.240916	-4.15083	0.0381918	0.845141	-1.18293	0.0925285	0.438071	-2.28188	0.1739	0.573997	1.85425	3.19737	-3.22088	1.37939	0.108444	2.97031	1
ge08899523	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGF R2;FGFR2;FGFR2;FGFR2		0.058128	0.865851	0.957682	-1.04419	0.2080383	1.40415	1.40415	0.289378	0.754843	-1.32478	0.129186	0.657507	-1.5209	0.8768	1.04047	1.04047	0.0270345	1.95324	1.95324	0.0128432	2.20384	2.20384	0.0573451	1.73295	1.73295	0.8385101	1.05358	1.05358	3.19738	3.31197	0.920744	1
ge17009978	YWAS82;MIR1224		0.0581286	0.201381	0.772158	-1.29474	0.919296	0.980784	-1.01959	0.732809	0.1678	1.0678	0.0109594	1.84261	1.84263	0.0789639	1.45273	1.45273	0.0654683	0.673123	-1.48561	0.224802	1.27646	1.27646	0.0801793	1.45008	1.45008	0.3978551	1.18025	1.18025	3.19737	1.856602	0.515985	1
ge01269514	ABHGEF16		0.0581293	0.0594362	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4313175	0.766039	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.19736	0.0	0.0	0.0	1
ge03609523	CTSA;CTSA;CTSA;NEURL2;CTSA;CTSA;C		0.058128	0.865851	0.957682	-1.04419	0.2080383	1.40415	1.40415	0.289378	0.754843	-1.32478	0.129186	0.657507	-1.5209	0.8768	1.04047	1.04047	0.0270345	1.95324	1.95324	0.0128432	2.20384	2.20384	0.0573451	1.73295	1.73295	0.8385101	1.05358	1.05358	3.19738	3.31197	0.920744	1
ge03560963	TSA		0.0581297	0.306515	1.78645	1.78645	0.157638	0.435049	-2.29859	0.401079	1.60037	1.60037	0.00325278	0.100086	-9.99144	0.933062	0.952324	-1.04686	0.907921	0.938866	-1.06511	?	?	?	0.17961	0.456433	-2.1909	0.501238	1.45207	1.45207	3.49857	14.3304	3.58406	1
ge26104800	RBM10;RBM10		0.0581336	0.066283	0.364553	-2.74309	0.8085053	0.888109	-1.12599	0.160699	0.479967	-2.08347	0.367021	1.57454	1.57454	0.0146424	0.229371	-4.35975	0.0553609	0.345097	-2.89774	0.0297118	0.285499	-3.50264	0.464153	0.694203	-1.4405	0.0263013	0.275031	-3.63595	3.19726	12.1522	3.37849	1
ge05173611	C4A;C4B		0.0581343	0.757296	0.929523	-1.07582	0.0200019	0.543726	-1.83916	0.314819	0.798003	-1.25313	0.161246	0.722672	-1.38375	0.0435944	0.604301	-1.6548	0.0474879	0.611331	-1.63583	0.13142	1.45347	1.45347	0.4161552	0.835062	-1.19752	0.0273138	0.567278	-1.7628	3.19725	2.38637	0.66345	1
ge09918898	FOXRED1		0.0581348	0.0531898	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.690541	1.25232	1.25232	0.751095	1.836589	1.836589	0.0767027	1.09164	1.09164	0.3399403	0.575145	-1.73869	3.19724	0.575145	0.444417	1
ge26671276	POU5F1B;POU5F1B		0.0581353	0.0593367	0.419971	-2.38112	0.5582222	0.407785	-2.45227	0.0340288	0.36481	-2.74115	0.5578	0.538515	-1.85696	0.0272606	0.344799	-2.90024	0.0650147	0.492813	-2.32659	0.0169874	0.305339	-3.27505	0.437044	0.530353	-1.88554	0.0258444	0.340136	2.94	3.19722	2.41082	2.33837	1
ge22727364	TRIB1;TRIB1		0.0581354	0.79738	1.09264	1.09264	0.1706	1.33406	1.33406	0.0977	1.33008	1.33008	0.4646166	1.2202	1.2202	0.3286171	1.04707	-1.04707	0.3448316	0.7409	1.2409	0.0615477	1.5479	1.5479	0.0156968	1.42128	1.42128	0.0102372	1.682677	1.682677	3.19722	3.74557	1.02302	1
ge26557179	RTP3		0.058139	0.340053	0.568274	-1.75972	0.246442	0.498248	-2.00703	0.293188	0.534325	-1.87152	0.0285362	0.22645	-4.41599	0.0195477	0.197523	-5.0627	0.2994496	0.539007	-1.85526	0.00361077	0.103903	-9.62437	0.128795	0.382092	-2.56891	0.124067	0.38395	-2.6045	3.19715	16.7281	4.65084	1
ge15776090	YAP2		0.0581394	0.255111	0.514395	1.16386	0.125798	1.26152	1.26152	0.93151	1.101195	1.101195	0.0107099	1.527117	1.527117	0.1991127	1.02247	-1.02247	0.0961151	1.10934	1.109341	0.0006441	1.917264	1.917264	0.0027682	1.11763	1.117631	0.1123576	0.978259	-1.02777	3.19714	1.0218	0.284087	1
ge02872263	HYD;HYD		0.0581403	0.0578171	0.398514	-2.51214	0.14495	0.344955	-2.89955	0.0154804	0.0	-5.52832	0.0312476	0.33955	-2.94508	0.0188369	0.359921	-2.77839	0.0435271	0.711616	-1.40523	0.0912667	0.553588	-1.8064	0.00441699	0.197134	-5.07268	0.0241584	0.601738	-1.66185	3.19712	6.24856	2.57136	1
ge22511947	FN1;FN1;FN1;FN1;FN1;FN1;FN1		0.0581409	0.0711299	0.639581	-1.56352	0.0955863	1.50066	1.50066	0.454504	1.18401	1.18401	0.785799	0.941391	-1.06226	0.0865699	0.657236	-1.52152	0.93391	1.01856	1.01856	0.0641395	0.630509	-1.58602	0.0175659	1.89771	1.89771	0.922279	1.02187	1.02187	3.19711	2.48899	0.692013	1
ge08992759	DDN		0.0581425	0.6019364	0.6019364	0.6019364	0.1736371	1.36603	1.36603	0.1845	1.17484	1.17484	0.6016567	1.1735	1.1735	0.6418275	1.05882	-1.05882	0.3897571	0.6194	1.6194	0.0441827	1.6194	1.6194	0.0441827	1.10907	1.10907	0.0072518	1.88612	1.886122	3.19708	2.01368	0.59866	1
ge23974473	PCDHB15		0.0581424	0.0706541	2.48068	2.48068	0.153276	0.98922	1.98922	0.234082	1.75243	1.75243	0.824231	1.10522	1.10522	0.295913	1.62815	1.62815	0.809752	1.897205	1.11457	0.00269251	6.4563	6.4563	0.0242004	3.34868	3.34868	0.7018045	1.18231	1.18231	3.19707	10.2415	2.84745	1
ge17834124	AP4E1		0.0581454	0.515771	1.14586	1.14586	0.4322349	1.12362	1.12362	0.539509	1.09442	1.09442	0.0668161	1.35095	1.35095	0.909727	1.01658	1.01658	0.546024	1.1979	1.09229	0.00408334	0.560865	-1.78296	0.412888	1.1297	1.1297	0.0848957	1.32391	1.32391	3.45431	1.12559	0.324499	1
ge05717478	ITGB4;ITGB4;ITGB4		0.0581455	0.958266	0.990739	-1.00935	0.0132776	0.579507	-1.72577	0.0161753	0.936683	-1.06781	0.0115237	0.881811	1.17249	0.294976	0.845589	1.2102	0.926588	1.01652	1.01652	0.0387117	1.14948	1.14948	0.5643444	1.02072	1.02072	0.1548969	0.8380811	1.11357	3.19701	1.60071	0.445058	1
ge01030314	PPA1		0.0581456	0.1149661	1.19961	1.19961	0.798613	0.970712	-1.03017	0.62809	0.944826	-1.0584	0.695771	1.04675	1.04675	0.179657	1.18022	1.18022	0.1636386	0.950404	-1.05218	0.00334269	0.610124	-1.63901	0.428	0.910206	-1.09865	0.259275	0.872116	-1.14664	3.19701	0.684442	0.190301	1
ge06506868	ID2;ID2CS		0.0581456	0.574454	1.857791	1.857791	0.4966	1.41618	1.41618	0.125925	1.07268	1.07268	0.7125	1.10955	1.10955	0.5013577	1.41064	-1.41064	0.2626568	1.657357	1.657357	0.0220	1.42688	1.42688	0.0153792	1.37369	1.37369	0.0243886	1.56034	1.560345	3.19694	7.775245	1.94379	0.33054	1
ge21831451	SNRPE		0.058146	?	?	?	0.0795191	0.615159	-1.66159	0.0112871	25.3707	25.3707	?	?	?	0.455263	0.512249	-1.95217	0.1239479	0.447969	0.447969	?	?	?	0.140506	0.42069	-2.37809	0.250609	4.250609	4.664289	28.4497	6.09869	1
ge05801055	SCAF1		0.0581492	0.04345	0.704382	-1.41962	0.123362	1.84643	1.84643	0.0708281	1.35609	1.35609	0.588786	1.08585	1.08585	0.0123227	0.629136	-1.58948	0.7272727	0.948537	-1.05426	0.908505	0.882801	-1.0175	0.31871	1.16825	1.16825	0.2987773	1.17647	1.176471	3.19693	1.15398	0.32058	1
ge05233094	LCAT		0.0581498	0.350768	0.829832	-1.20506	0.0793335	1.4598	1.4598	0.276121	0.802494	-1.24612	0.770697	1.05841	1.05841	0.0063499	0.501493	1.99405	0.358518	0.82545	-1.20127	0.532897	1.13051	1.13051	0.39175	0.843306	-1.18581	0.031409	0.612471	-1.63273	3.19692	1.91001	0.531071	1
ge05218357	TUBGCP3;TUBGCP3		0.0581511	0.799661	0.89608	-1.11597	0.8269884	1.09005	1.09005	0.121962	2.06123	2.06123	0.00845521	0.234198	-4.26625	0.2661	1.6487	1.6487	0.6393322	1.225891	1.225891	?	?	?	0.0329051	0.340757	-2.93465	0.67151	1.20208	1.202082	3.24176	8.496324	2.6209	1
ge26137121	CBORF29		0.0581516	0.12144	1.66011	1.66011	0.1736303	1.36603	1.36603	0.1845	1.17484	1.17484	0.107188	2.116809	1.48039	1.48039	0.6560004	1.479869	0.2458825	0.6582	2.6582	0.0127307	2.94355	2.94355	0.0102106	2.6582	2.6582	0.0154806	2.543176	2.543176	3.19681	1.423677	0.342923	1
ge02505002	C1P1		0.0581521	0.0238052	0.317047	3.01747	0.648013	1.20705	1.20705	0.0180802	0.308661	-3.23978	0.0640053	0.344862	2.94486	0.254515	1.1445	1.1445	0.617848	0.813897	-1.22866	0.121007	1.990406	1.990406	0.534549	0.772972	-1.29371	0.1974555	1.74679	1.746791	3.19687	8.48642	2.35965	1
ge05887270	SEPN1;SEPN1		0.0581535	0.0480805	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8940146	0.714757	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.19687	0.0	0.0	0.0	1
ge03602141	NLRP11;NLRP4;NLRP11		0.0581532	0.15711	0.358255	-2.79131	0.0277049	0.171091	-5.84486	0.143528	0.344275	-2.90465	0.155990	0.357133	-2.80008	0.019937	0.1486933	6.72526	0.2727508	0.480437	-2.08144	0.00808533	0.100157	-9.98436	0.0255294	0.165249	-6.05148	0.179494	0.38013	2.63068	3.19684	23.3019	6.47914	1
ge15815053	GPSM3;NOTCH4		0.0581542	0.359457	1.16459	1.16459	0.0388689	0.679278	-1.47215	0.154481	1.27949	1.27949	0.474565	0.889054	-1.12479	0.653835	1.07572	1.07572	0.674704	1.07064	1.07064	0.0544283	0.553579	-1.80643	0.260949	0.827297	-1.20876	0.218831	0.811287	-1.23261	3.19682	1.32399	0.363141	1
ge04366039	MYCL1;MYCL1;MYCL1		0.0581547	0.0183207	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2626568	0.657357	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.19681	0.0	0.0	0.0	1
ge09649438	PLAC9		0.0581553	0.977487	1.01047	1.01047	0.318542	1.4629	1.4629	0.0333962	2.50262	2.50262	0.550686	1.24956	1.24956	0.741117	1.13014	1.13014	0.3884615	0.721664	-1.38569	0.037253	0.409739	-2.44058	0.0214601	0.360758	-2.77194	0.1141487	0.530419	-1.8853	1.9684	6.89444	1.91704	1
ge07276593	TRAPPC9;TRAPPC9		0.0581557	0.610997	1.181198	1.181198	0.2927167	1.21126	1.21126	0.0220933	1.26497	-1.24543	0.0107579	0.261407	-3.82403	0.0113936	0.260455	-3.83849	0.7272727	0.948537	-1.05426	0.908505	0.882801	-1.0175	0.31871	1.16825	1.16825	0.2987773	1.17647	1.176471	3.19693	1.15398	0.32058	1
ge04851471	DOCK2		0.0581557	0.25449	0.613669	-1.62954	0.3127798	0.651502	-1.53491	0.0101112	0.264037	-3.78735	0.50593	0.758064	-1.31915	0.0231078	0.327997	3.04881	0.2844054	0.0605435	0.415592

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26958524	FOXL1	0.0582265	0.0286174	29.9059	29.9059	0.0511863	18.5786	18.5786	0.120804	9.15198	9.15198	0.0628144	15.7151	15.7151	0.72877	1.58105	1.58105	0.088718	11.8329	11.8329	0.909201	0.860597	-1.16198	0.0164805	47.2679	47.2679	0.0172164	45.5702	45.5702	3.19528	87.6318	24.3782	1
cg10808198	SCAF1	0.0582281	0.603214	0.833651	-1.19954	0.00223626	0.226447	-4.41605	0.390767	0.73705	-1.35676	0.266103	0.668954	-1.49487	0.153532	0.588496	-1.69925	0.0941411	0.52807	-1.89369	0.146245	1.71795	1.71795	0.387632	0.735486	-1.35964	0.645506	0.851541	-1.17434	3.19524	6.09165	1.69464	1
cg12249809	ZNF792	0.0582282	0.286984	1.28831	1.28831	0.0322047	1.77675	1.77675	0.0107074	2.08541	2.08541	0.0957971	1.52071	1.52071	0.375161	0.811753	-1.2319	0.476393	1.18047	1.18047	0.026834	1.82376	1.82376	0.886029	0.967673	-1.03341	0.0638216	1.61184	1.61184	3.19524	2.65686	0.739116	1
cg23199143	BANF1;BANF1;EIF1AD	0.0582284	0.215976	0.811299	-1.23259	0.133394	0.771053	-1.29693	0.188339	0.799434	-1.25089	0.555839	0.908757	-1.1004	0.540466	0.905274	-1.10464	0.0361768	1.47879	1.47879	0.00560467	0.557619	-1.79334	0.253622	0.825752	-1.21102	0.274764	0.833195	-1.2002	3.19523	1.30513	0.363078	1
cg19723652	KIDINS220	0.0582287	0.569508	0.856739	-1.16722	0.0840528	0.597992	-1.67226	0.604385	0.868845	-1.15095	0.216464	0.704796	-1.41885	0.0881847	0.602852	-1.65878	0.104774	0.620721	-1.61103	0.447789	1.23134	1.23134	0.819429	0.940349	-1.06343	0.0021098	0.312586	-3.19912	3.19523	3.66138	1.01857	1
cg05384724	TCTN2;TCTN2	0.0582306	0.225395	0.532287	-1.87869	0.0168371	4.2395	4.2395	0.109502	2.3731	2.3731	0.741414	0.84874	-1.17822	0.355912	0.624814	-1.60048	0.29016	1.72239	1.72239	0.934532	1.04153	1.04153	0.0153246	4.3674	4.3674	0.0788744	2.62857	2.62857	3.19519	12.4126	3.45315	1
cg21193440	PTBP1;PTBP1;PTBP1;PTBP1	0.0582314	0.00224632	0.219222	-4.56159	0.342481	0.706804	-1.41482	0.375226	1.38112	1.38112	0.0665203	0.48189	-2.07516	0.146984	0.575678	-1.73708	0.273888	0.667669	-1.49775	0.200663	0.61906	-1.61535	0.350389	0.71104	-1.40639	0.655096	1.17295	1.17295	3.19517	6.37009	1.77215	1
cg05351219	RNPS1;RNPS1	0.0582316	0.125918	1.56087	1.56087	0.00886134	2.44911	2.44911	0.0835935	1.67346	1.67346	0.414464	1.25144	1.25144	0.167737	1.48489	1.48489	0.298075	1.33646	1.33646	0.227279	1.40608	1.40608	0.0559374	0.558659	-1.79	0.445003	0.811114	-1.23287	3.19516	3.65836	1.01775	1
cg12499716	POP4;POP4	0.0582333	0.0042627	4.71627	4.71627	0.78307	1.11844	1.11844	0.809719	0.906795	-1.10279	0.0147637	3.37673	3.37673	0.138128	1.91083	1.91083	0.770115	1.1262	1.1262	0.265055	1.60176	1.60176	0.370217	0.688519	-1.45239	0.856662	0.929292	-1.07609	3.19513	8.32429	2.31583	1
cg14024965	FBXW5	0.058236	0.356653	1.40718	1.40718	0.0053462	3.75082	3.75082	0.22012	1.59128	1.59128	0.313516	1.45585	1.45585	0.800702	0.91289	-1.09542	0.451221	0.758378	-1.3186	0.0343536	0.410924	-2.43354	0.887659	1.05225	1.05225	0.37259	0.719053	-1.39072	3.19507	6.56932	1.82762	1
cg01494611	FBLN7;FBLN7	0.0582361	0.168134	1.48616	1.48616	0.0123134	0.43137	-2.3182	0.188514	0.686723	-1.45619	0.333935	0.764284	-1.30841	0.569573	1.16769	1.16769	0.513265	1.19583	1.19583	0.0170292	2.19187	2.19187	0.601962	1.15252	1.15252	0.92141	0.973733	-1.02698	3.19507	3.68185	1.02431	1
cg07625156	TMEM62	0.0582405	0.206949	0.799831	-1.25026	0.264198	1.21568	1.21568	0.00529777	1.85293	1.85293	0.605509	0.916277	-1.09137	0.167233	0.781076	-1.28028	0.994441	0.998832	-1.00117	0.46019	0.88145	-1.13449	0.191389	1.26128	1.26128	0.0833364	1.37946	1.37946	3.19498	1.42508	0.396479	1
cg00080118	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.0582408	0.17114	0.823906	-1.21373	0.451455	1.10736	1.10736	0.621238	0.935938	-1.06845	0.116473	0.797129	-1.2545	0.527233	1.08888	1.08888	0.00401173	0.598145	-1.67184	0.3343	0.876019	-1.14153	0.481691	1.09973	1.09973	0.12142	1.25009	1.25009	3.19497	0.89413	0.24876	1
cg10919222	TMEM194A;TMEM194A	0.058241	0.414358	0.718508	-1.39177	0.618281	1.22021	1.22021	0.965855	1.0171	1.0171	0.0775321	0.45962	-2.17571	0.00470204	0.225747	-4.42974	0.105081	0.495762	-2.0171	0.541201	0.782662	-1.27769	0.0694727	2.23556	2.23556	0.990481	1.00474	1.00474	3.19496	7.94261	2.20976	1
cg15321244	HLA-DQB2	0.0582415	0.0535963	3.01175	3.01175	0.0613202	2.88765	2.88765	0.678937	1.23289	1.23289	0.664865	0.803134	-1.24512	0.858437	1.09396	1.09396	0.514139	0.71693	-1.39484	0.0107325	0.199362	-5.01601	0.0630249	2.86299	2.86299	0.887115	1.07406	1.07406	3.19495	12.802	3.56173	1
cg15768080	KIAA1530	0.058242	0.185758	2.26062	2.26062	0.0725053	3.20577	3.20577	0.0140215	0.171456	-5.8324	0.847103	1.11876	1.11876	0.0713973	0.3102	-3.22372	0.534789	1.44114	1.44114	0.0660804	0.301626	-3.31536	0.672451	0.780975	-1.28045	0.459027	1.55006	1.55006	3.19494	17.1004	4.75762	1
cg27249419	ZNF397OS;ZNF397OS	0.0582421	0.0349303	0.404551	-2.47188	0.0637312	0.464215	-2.15417	0.114437	0.531447	-1.88165	0.604049	0.824793	-1.21243	0.0239146	0.370773	-2.69707	0.235688	0.632829	-1.5802	0.0186694	0.350054	-2.85671	0.0379881	0.412402	-2.42482	0.0229274	0.367173	-2.72351	3.19494	6.85949	1.90843	1
cg01663052	C14orf126	0.0582427	0.349148	0.641829	-1.55805	0.0144811	0.250046	-3.99927	0.917453	0.953423	-1.04885	0.0553301	2.71658	2.71658	0.916348	1.04953	1.04953	0.871422	0.928185	-1.07737	0.216477	0.549703	-1.81917	0.0210676	3.5841	3.5841	0.657963	0.814651	-1.22752	3.19493	10.7109	2.97997	1
cg21770617	FAM3D	0.0582432	0.0592395	0.764873	-1.30741	0.432101	0.904016	-1.10617	0.208595	0.846336	-1.18156	0.328518	1.13534	1.13534	0.946707	1.00845	1.00845	0.634046	1.06222	1.06222	0.00726814	1.54618	1.54618	0.330395	0.881256	-1.13474	0.0949998	0.793812	-1.25974	3.19492	0.801523	0.223	1
cg24682159	BAG5;BAG5;BAG5	0.0582433	0.0155294	0.438022	-2.28299	0.542216	0.842328	-1.18719	0.612063	1.15285	1.15285	0.728034	0.907471	-1.10196	0.518427	0.833533	-1.19971	0.046926	0.531218	-1.88247	0.0122922	0.420112	-2.38032	0.153744	1.52922	1.52922	0.191514	0.680733	-1.469	3.19492	3.91409	1.08898	1
cg02927618	ANKRD13A	0.0582437	0.363316	0.684966	-1.45993	0.0334872	0.365631	-2.735	0.224731	1.67611	1.67611	0.0853095	2.16071	2.16071	0.880928	1.06259	1.06259	0.180706	1.77828	1.77828	0.0637842	0.430009	-2.32553	0.103754	2.05554	2.05554	0.142213	0.527818	-1.89459	3.19491	8.30013	2.30927	1
cg05111779	RGS6	0.0582439	0.0598858	0.282352	-3.54168	0.0101631	0.145014	-6.89587	0.348692	0.56288	-1.77658	0.13498	0.38295	-2.61131	0.0089599	0.138059	-7.24326	0.273211	0.506997	-1.9724	0.0926243	0.332089	-3.01124	0.103241	0.345901	-2.891	0.0396211	0.242336	-4.12651	3.1949	17.954	4.99519	1
cg10034912	PRKG1;PRKG1;CSTF2T	0.0582461	0.289705	1.29517	1.29517	0.0642557	0.613022	-1.63126	0.387711	1.23167	1.23167	0.10471	1.51794	1.51794	0.0120506	0.478594	-2.08945	0.0664884	1.62312	1.62312	0.393088	1.22864	1.22864	0.973842	1.00775	1.00775	0.727601	0.920994	-1.08578	3.19486	2.80288	0.779833	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. 537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 637T vs. N)	Fold-Change(637T vs. N)	p-value(637T vs. 637T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg02227904	FLRXH1	0.0583606	0.0083404	-3.38305	-3.24354	-3.39785	1.93538	1.93538	0.50666	1.26506	0.9612727	1.01689	1.016589	0.940537	0.9743402	-1.02618	0.123374	1.7904	1.7904	0.0180121	0.366842	-2.72597	0.706975	0.876526	-1.140887	0.204622	0.62681	1.95538	3.19241	6.15737	1.71445	1
cg04274259	AGRN	0.0583617	0.169185	0.763382	-1.30996	0.06097549	0.52555	-1.90277	0.756705	0.944325	-1.05896	0.208398	0.783118	-1.27695	0.181429	0.769888	-1.29889	0.919965	0.981644	-1.0187	0.6113354	1.09907	1.00907	0.0209525	0.59925	-1.668875	0.020912	0.599115	-1.669913	1.39239	1.718	0.47836	1
cg06506054	PDE6A	0.0583651	0.101396	0.796346	-1.25574	0.6010772	1.06913	1.06913	0.0234715	0.709193	-1.41005	0.936839	0.101011	1.01011	0.00453817	0.618751	-1.61616	0.654828	1.0588	1.0588	0.663385	0.9459151	-1.05718	0.0753264	0.777708	-1.28583	0.2680166	0.863737	-1.15776	1.19232	0.815001	0.226937	1
cg27042857	OXR1	0.0583656	0.228178	0.8459961	-1.18204	0.137506	1.23551	1.23551	0.0569206	1.3296	1.3296	0.922983	-1.08296	-1.01287	0.703848	1.05231	1.05218	0.961263	1.00644	1.00644	0.0387957	0.728796	-1.37213	0.0301872	0.713803	-1.40077	0.106025	1.26291	1.26291	1.19231	0.883909	0.246122	1
cg07060233	SLC12A5;SLC12A5	0.0583657	0.0359809	0.45019	0.945019	0.146192	4.20469	4.20469	0.426075	2.11337	2.11337	0.119629	4.73398	0.2263232	11.3093	11.3093	10.39	0.0592068	7.10757	7.10757	0.00536409	29.2527	29.2527	0.349131	2.42884	2.42884	0.0568553	7.2743	7.2743	1.3923	42.858	11.9337	1
cg04193179	D2P1;D2P1 ADRA1A;ADRA1A;ADRA1A;ADRA1A;AD RA1A;ADRA1A;ADRA1A;ADRA1A;AD RA1A	0.0583662	0.223847	1.23246	1.23246	0.0365908	0.67214	-1.49779	0.672941	1.07091	1.070191	0.344053	0.8524643	-1.17282	0.753197	0.949717	-1.05294	0.38943	0.865667	-1.15518	0.0117652	0.59772	-1.67302	0.0848949	1.36699	1.36699	0.223917	1.23584	1.23584	1.19228	1.35251	0.376605	1
cg21230491	RA1A;ADRA1A;ADRA1A;ADRA1A	0.0583665	0.0604685	9.52448	9.52448	0.0158052	23.2897	23.2897	0.0613294	9.43576	9.43576	0.113616	5.5987	5.5987	0.0415538	12.206	12.206	0.899421	0.874042	-1.14411	0.0747138	8.27788	8.27788	0.0250589	17.0774	17.0774	0.0429102	11.9494	11.9494	1.91229	57.3087	15.9576	1
cg07689226	VWA1B	0.0583674	0.274737	0.691167	-1.44683	0.013651	2.69545	2.69545	0.175046	0.625749	-1.59809	0.0198414	0.400864	-2.49461	0.657427	0.864962	-1.15612	0.890738	0.956308	-1.04569	0.119735	1.73101	0.548679	1.21805	1.21805	0.607746	1.18327	1.18327	1.19227	5.34147	1.48734	1
cg13249774	LRP5	0.0583677	0.347909	0.748057	-1.3368	0.0627912	0.533228	-1.87537	0.00227861	0.277568	-3.60272	0.16643	0.641999	-1.55763	0.030694	0.465518	-2.14354	0.638791	0.86762	-1.15258	0.108468	0.59102	-1.69199	0.287235	0.717563	-1.39361	0.7599842	0.912073	-1.0964	1.09226	4.56105	1.27003	1
cg03858734	FHAD1	0.0583678	0.0088491	0.449719	-2.22355	0.018931	0.791242	-1.26327	0.0142831	0.490727	-2.03779	0.111478	0.782229	-1.2784	0.103537	0.657408	-1.52113	0.143555	0.690541	-1.44814	0.154552	0.4896596	-2.04173	0.0158343	0.597769	-1.01238	0.1384008	0.810683	-1.23353	1.09226	2.80624	0.7814402	1
cg24677780	SEC11C;CA11;CA11	0.0583684	0.855383	1.02981	1.02981	0.130072	1.30122	1.30122	0.0174428	1.59362	1.59362	0.838404	1.03343	1.03343	0.244336	1.21668	1.21668	0.0927717	0.742427	-1.34693	0.0211849	0.6400556	-1.56236	0.58819	1.09202	1.09202	0.393922	1.15098	1.15098	1.19225	1.3109	0.365023	1
cg06571577	RIN01	0.0583692	0.837623	1.029222	1.05222	0.8124603	1.06073	1.06073	0.920276	0.975747	1.02514	0.0808805	1.61632	1.61632	0.87617	0.962057	-1.03984	0.315118	0.730861	-1.36825	0.1959739	0.7566518	-1.32167	0.325155	1.23011	1.23011	0.71858	0.9288892	-1.07655	1.02717	2.10061	0.5849134	1
cg13654344	SRY;SRY	0.0583728	0.0245456	3.97777	3.97777	0.984747	0.990193	-1.0099	0.306512	1.7259	1.7259	0.89472	1.07064	1.07064	0.0404975	0.315636	3.1682	0.420224	0.654084	-1.52886	0.1739	0.4734378	-2.10802	0.0209764	0.418577	4.18577	0.324145	1.69033	1.69033	1.19215	4.13542	3.74117	1
cg27208427	CDH3	0.0583729	0.0366333	0.638589	-1.56595	0.309062	0.80881	-1.23638	0.544113	0.890796	-1.12008	0.338886	0.833544	-1.19977	0.0606585	0.51525	-1.94081	0.117484	1.37608	1.37608	0.1885807	0.777143	-1.29577	0.798479	0.953846	-1.04839	0.31846	1.20978	1.20978	1.19215	1.72457	0.480225	1
cg03295852	ASAP1;IT1;ASAP1	0.0583735	0.0412173	0.201241	-4.96918	0.0123107	0.119777	-8.34883	0.032255	0.181389	-5.51302	0.298754	0.480359	-2.08178	0.0190268	0.196644	-5.08532	0.113737	0.309898	-3.22687	0.0208202	0.150481	-6.64536	0.22432	0.419376	-2.38449	0.0684676	0.249433	-4.00909	0.39214	23.431	6.52465	1
cg18540537	ST7;ST7	0.0583767	0.402417	0.902325	-1.10828	0.415599	0.905018	-1.10495	0.708557	0.955962	-1.04607	0.2265171	0.72314	-1.38286	0.0361743	0.746623	-1.33936	0.112821	0.813208	-1.23	0.2247901	1.33782	1.33782	0.498747	0.920935	-1.08585	0.358507	1.11991	1.11991	1.19207	0.727276	0.202523	1
cg08610986	SDCCAG10;SFRS12IP1	0.0583779	0.0313363	0.309322	-3.23412	0.0171883	0.407851	-2.45168	-1.05943	0.0123914	1.65338	0.245614	0.812087	-1.23071	0.0525003	0.51525	-1.94015	0.0881258	0.185807	5.38025	0.777143	1.29577	0.798479	0.953846	-1.04839	0.31846	1.20978	1.20978	1.19215	1.72457	0.480225	1
cg22870661	IL17RD	0.058378	0.00794083	0.250983	-3.98433	0.0173663	0.308342	-3.24315	0.0645836	0.430358	-2.32365	0.948222	0.973969	-1.02673	0.0312169	0.360927	-2.77065	0.136342	0.521101	-1.91901	0.729774	0.8686637	-1.15123	0.693497	1.17453	1.17453	0.34955	0.67632	-1.47859	1.92204	8.33865	2.32207	1
cg21822964	PTGR	0.0583786	0.990156	1.00208	1.003208	0.8193267	1.05187	1.05187	0.880554	1.03713	1.03713	0.889744	1.23199	1.23199	0.00524056	0.409405	-2.44227	0.868316	1.04112	1.04112	0.1038311	0.4680268	-2.17265	0.4478504	0.823545	-1.21426	0.148314	0.680478	-1.45671	1.91203	2.97225	0.8278585	1
cg13981001	RPL12;SNORA65	0.058379	0.0102769	0.259559	-3.85269	0.723656	0.861907	-1.16022	0.990501	1.00498	1.00498	0.31581	0.478681	-2.08908	0.0223796	0.319453	-3.13035	0.153935	0.529119	-1.88993	0.0669616	0.4247121	-2.35454	0.0206498	0.312769	-3.19725	0.0845274	0.451274	-2.21595	1.92202	8.79153	2.4482	1
cg09206534	PBX2;PBX24	0.0583799	0.955227	0.984219	-1.01617	0.6424829	0.975497	-1.02563	0.812467	1.08046	1.08046	0.648371	1.12202	1.12202	0.328877	0.773354	-1.2937	0.260802	1.19321	1.19321	0.1558958	0.637429	-1.5688	0.101677	0.738254	-1.35469	0.0138267	0.243446	2.24446	1.92202	4.6955	1.34492	1
cg03047666	DGKI	0.0583804	0.219792	1.50408	1.50408	0.26413	0.691966	-1.44516	0.014487	2.59345	2.59345	0.042068	2.098	2.098	0.555159	0.82795	-1.2078	0.422622	0.771737	-1.29578	0.765949	1.09904	1.09904	0.930529	0.972793	-1.02797	0.017091	2.50832	2.50832	1.19199	5.05916	1.40885	1
cg16342842	SLC39A12;SLC39A12	0.058383	0.0481999	0.660058	-1.51502	0.866753	0.909875	-1.09231	0.63246	0.915159	-1.09271	0.23653	0.795961	-1.25634	0.298333	0.56581	-1.76802	0.325108	1.20558	1.20558	0.007229	1.89221	0.864225	0.956205	0.682511	-1.46604	0.828185	0.960798	-1.0408	1.19194	1.71142	0.476595	1
cg00983136	SLC5A7	0.0583827	0.95681	1.045514	1.045514	0.564497	0.861821	-1.16033	0.0644358	0.852408	-1.17305	0.0444358	0.82105	-1.21753	0.0318184	0.38668	-2.58564	0.952255	1.01518	1.01518	0.812182	0.879583	-1.1369	0.0215047	0.201762	2.01762	0.64473	1.12585	1.12585	1.19193	3.24988	0.917585	1
cg04291430	SAMD14	0.0583837	0.0299242	0.416692	-2.39986	0.966887	0.985874	-1.01433	0.550217	1.23018	1.23018	0.246569	0.660166	-1.51477	0.100442	0.539708	-1.85285	0.824097	0.926542	-1.07928	0.00277665	0.243245	-4.11107	0.125234	0.566256	-1.76599	0.503173	0.79227	-1.2622	1.19192	5.93745	1.65347	1
cg13881637	KCNK4	0.0583838	0.10026	0.349208	-2.86329	0.0158304	0.43227	-2.31377	0.0139507	0.187187	0.187187	0.0172554	0.274115	-3.64755	0.0691288	0.131949	-7.57824	0.0574417	0.44868	-2.22946	0.0053436	0.27938	-3.57938	0.0268284	0.654625	0.96426	0.0687185	0.417711	-4.11711	1.91192	24.3898	6.79209	1
cg26157385	TRIM58	0.0583856	0.0341275	1.45335	1.45335	0.790224	0.767788	-1.30075	0.226138	3.4998	3.4998	0.997887	1.02601	1.02601	0.0216502	0.272827	-3.66497	0.0201755	0.729882	1.37087	0.0144133	1.89658	0.527432	0.381781	0.710143	-1.40807	0.4564026	0.435252	1.32467	1.91192	3.24988	0.917585	1
cg12501761	NDUFA10	0.0583861	0.0202245	0.221331	-4.51813	0.199909	0.482259	-2.07358	0.557319	0.726422	-1.37661	0.0683449	3.00001	3.00001	0.145008	0.430453	-2.32313	0.164208	0.445995	-2.24199	0.0045966	0.1614217	-6.19555	0.0228392	0.0843	-11.8614	0.0016468	0.0041	-244.868	1.91192	0.0041	0.0041	1
cg09802095	PLIN5	0.0583862	0.455362	0.8911	-1.16047	0.3575954	0.65679	-1.52256	0.0440875	0.604801	-1.56055	0.677304	1.08536	1.08536	0.0128705	0.604801	-1.65355	0.165284	0.445995	-2.24199	0.0045966	0.1614217	-6.19555	0.0228392	0.0843	-11.8614	0.0016468	0.0041	-244.868	1.91192	0.0041	0.0041	1
cg08180029	PLC21;CAPZA3 P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2R X2	0.0583875	0.922529	1.03201	1.03207	0.2501404	0.420864	-2.37607	0.003056	0.268033	-3.7309	0.201215	1.54971	1.54971	0.645626	0.869537	-1.15004	0.944524	0.977668	-1.02284	0.594237	1.19065	1.19065	0.821465	0.92927	-1.07611	0.50992	0.804979	-1.24227	1.91184	5.32469	1.48286	1
cg21162817	2	0.0583903	0.093445	1.45425	1.45425	0.00704834	0.49315	-2.02778	0.245545	0.781513	-1.27957	0.535153	0.880317	-1.13595	0.0214679	0.570788	-1.75196	0.668807	0.916359	-1.09127	0.139673	0.7242666	-1.38071	0.2103374	0.764985	-1.30721	0.3225511	0.812675	-1.2305	1.19178	2.08254	0.5799474	1
cg08277196	BMPR1A	0.0583906	0.219503	0.609665	-1.64754	0.144717	0.54088	-1.84884	0.298036	0.661583	-1.51153	0.435931	1.348	1.348	0.0380185	0.163468	-6.11741	0.994219	1.00271	1.00271	0.3256	1.47358	0.853195	1.07178	1.07178	0.204205	1.68097	1.68097	1.19182	8.96839	1.12934	1
cg09126422	GDF9	0.0583908	0.0892324	0.554792	-1.80277	0.0134829	0.329496	-3.03524	0.0146785	0.224	-4.46785	0.0467837	0.162462	0.162462	0.0134829	0.224	-4.46785	0.543635	0.870306	-1.14913	0.0799426	0.155544	0.155544	0.0134829	0.224	-4.46785	0.0467837	0.162462	0.162462	0.0134829	0.224	-4.46785	1
cg20054248	IKZF4	0.0583912	0.0392251	0.478348	-2.09053	0.0151973	0.397863	-2.51343	0.150161	0.621113	-1.61001	0.413706	0.772381	-1.2947	0.241288	0.684458	-1.46101	0.200983	0.658732	-1.51807	0.00370033	0.2975	-3.36135	0.120245	0.593966	-1.6836	0.337244	0.736539	-1.3577	1.19176	4.82925	1.34492	1
cg26974383	REG1A	0.0583981	0.0205723	0.42628	-2.34607	0.0254497	0.75369	-1.32703	0.0600161	0.236376	-4.23056	0.640872	0.134655	0.134655	0.0254497	0.236376	-4.23056	0.700984	0.83014	-1.20481	0.1304374	0.7053604	-1.41776	0.2886	0.884412	1.13067	0.1004403	0.709332	0.96152	1.03972	23.3945	6.51554	1
cg13700552	GPRASP2;GPRASP2	0.0583985	0.982165	1.00771	1.00771	0.376321	0.729602	-1.37061	0.403444	0.745405	-1.34155	0.632146	1.18028	1.18028	0.380469	0.734054	-1.3623	0.234148	0.651401	-1.53515	0.00818556	0.13909	0.31909	0.0310994	0.238594	2.38594	0.0978334	1.86668	1.86668	1.19161	5.97017	1.66274	1
cg07691874	SERPINB13	0.0584007	0.164247	0.705737	-1.41696	0.010827	2.12026	2.12026	0.794786	0.940626	-1.06312	0.26349	0.760538	-1.31486	0.113532	0.6674	-1.49835	0.642506	0.613693	-1.62948	0.05701	0.6030772	-1.65818	0.498588	0.851018	-1.17506	0.325538	0.7879	-1.2692	1.19156	2.78736	0.776313	1
cg01550799	MDFIC;MDFIC;MDFIC	0.0584014	0.807741	1.03151	1.03151	0.424287	0.959497	-1.04222	0.173634	0.760355	-1.31564	0.0778389	0.736545	-1.35775	0.0306706	0.483877	-2.06753	0.236376	-2.23081	0.0778389	0.736545	-1.35775	0.0306706	0.483877	-2.06753	0.236376	-2.23081	0.0778389	0.736545	-1.35775	0.0306706	0.483877	1
cg13270552	GPRASP2;GPRASP2	0.0583985	0.982165	1.00771	1.00771	0.376321	0.729602	-1.37061	0.403444	0.745405	-1.34155	0.632146	1.18028	1.18028	0.380469	0.734054	-1.3623	0.234148	0.651401	-1.53515	0.00818556	0.13909	0.31909	0.0310994	0.238594	2.38594	0.0978334	1.86668	1.86668	1.19161	5.97017	1.66274	1
cg06916494	SCN4B	0.0584016	0.0277002	0.4166	-2.40066	0.0368638	0.43227	-2.31377	0.0139507	0.187187	0.187187	0.0172554	0.274115	-3.64755	0.0691288	0.131949	-7.57824	0.0574417	0.44868	-2.22946	0.0053436	0.27938	-3.57938	0.0268284	0.654625	0.96426	0.0687185	0.417711	-4.11711	1.91192	24.3898	6.79209	1
cg26157385	TRIM58	0.0584016	0.0341275	1.45335	1.45335	0.790224	0.767788	-1.30075	0.226138	3.4998	3.4998	0.997887	1.02601	1.02601	0.0216502	0.272827	-3.66497	0.0201755	0.729882	1.37087	0.0144133	1.89658	0.527432	0.381781	0.710143	-1.40807	0.4564026	0.435252	1.32467	1.91192	3.24988	0.917585	1
cg20126751	NDUFA10	0.0583861	0.0202245	0.221331	-4.51813	0.199909	0.482259	-2.07358	0.557319	0.726422	-1.37661	0.0683449	3.00001	3.00001	0.145008	0.430453	-2.32313	0.164208	0.445995	-2.24199	0.0045966	0.1614217	-6.19555	0.0228392	0.0843	-11.8614	0.0016468	0.0041	-244.868	1.91192	0.0041	0.0041	1
cg20902844	STK39	0.0584019	0.147944	0.54523	-1.83472	0.0338004	0.484852	-2.0626	0.0134595	0.415355	-2.40785	0.0145195	0.41901	-2.38689	0.0162699	0.415355	-2.40785	0.0145195	0.41901	-2.38689	0.0162699	0.1787	0.1787	0.0134595	0.415355	-2.40785	0.0145195	0.41901	-2.38689	0.0162699	0.1787	0.1787	1
cg01088808	NEU4;NEU4;NEU4;NEU4;NEU4	0.0584068	0.852724	1.04544	-1.0604	0.0688375	0.660133	0.107761	0.856955	1.856955	0.852922	1.27287	1.27287	0.678357	0.841333	1.18569	0.163333	1.85969	0.852922	1.27287	0.678357	0.841333	1.18569	0.163333	1.85969	0.852922	1.27287	0.678357	0.841333	1.18569	0.163333	1.85969	1
cg00163702	PKD1L2;PKD1L2	0.0584069	0.0370294	0.240895	-4.15119	0.6613563	0.289674	-3.45216	0.0917743	0.335824	-2.97775	0.163252	0.416994	-2.39811	0.00386787	0.105533	-9.84902	0.0541726	0.276794	3.6128	0.0601122	0.2875113	-3.4781	0.263108	0.503709	-1.98527	0.268193	0.507684	-1.96973	1.91143	17.4629	4.86383	1
cg13165139	THAP1;THAP1	0.0584081	0.160931	0.6	-1.66667	0.1719352	0.886123	-1.12851	0.874173	1.031343	1.031343	0.39674	0.742482	-1.34646	0.0353271	0.592837	-1.68674	0.1074246	0.861291	1.16102	0.2814746	0.6025197	-1.65993	0.8612915	0.731441	-1.36715	0.7905183	0.954388	-1.04746	0.8048707	0.493917	-2.02431	0.5397016	1.19143	1.91143	0.2097166	1
cg16672263	CDK15	0.0584102	0.117295	0.597411	-1.67389	0.0850689	0.561829	-1.7799	0.160706	0.635261	-1.57416	0.097599	0.576715	-1.73396	0.00253874	0.281247	-3.55559	0.126273	0.605989	1.65019	0.686128	0.8844245	-1.13091	0.0443348	0.49688	-2.01256	0.152571	0.605335	-1.65198	1.19136	6.43454	1.29086	1
cg01386868	MIR1909;REXO1	0.0584107	0.604351	1.09763	1.07078	0.783336	0.6646671	-1.03662	0.459103	0.960215	-1.04146	0.145398	0.815452	-1.22615	0.0375268	0.13701	-7.30015	0.139307	1.12675	1.12675	0.0090888	0.15881	0.15881	0.160631	0.822371	-1.216	0.828557	0.972097	-1.0287	1.19135	0.8606655	0.239719	1
cg21893185	GPR135	0.0584123	0.3686892	0.49201	-2.03211	0.4920201	0.526599	-1.89912	0.4519	0.904896	-1.10542	0.0904896	-1.68097	0.0179457	3.47771	3.47771	0.0304626	0.132215	0.31068	-3.21837	0.0310626	0.165537	1.28641	1.28641	0.197277	1.80524	0.0496965	0.241649	-1.34835	1.23604	8.55651	2.54401	1
cg01998318	RDPN1L	0.0584133	0.00293887	0.374259	-2.67194	0.298655	1.37831	1.37831	0.562045	1.19078	1.19078	0.26101	0.705287	-1.41786	0.38035	0.764895	-1.30737	0.311175	1.26662	1.26662	0.611182	1.1226	1.1226	0.428049	1.20023	1.20023	0.393267	0.821694	1.2217	1.19128	0.8753573	0.175282	1
cg01131820	BMPER	0.0584162	0.0349562	0.419564	-2.38267	0.0297313	0.452678	-2.20908	0.0381165	0.195007	0.195007	0.0124544	0.341494	-2.92798	0.0206705	0.336124	-2.97509	0.536669	1.07874	1.07874	0.00520816	0.56302	0.56302	0.374692	1.1167	1.1167	0.885673	0.982723	-1.01758	1.19126	0.741701	0.206592	1
cg27660490	TULP3;TULP3	0.0584168	0.0179913	0.418865	-2.3874	0.565578	1.266	1.266	0.878063	1.068	1.068	0.935976	-1.0684	0.03283	0.362841	-2.75623	0.0609148	0.416889	-2.39872	0.0609148	0.416889	-2.39872	0.0390313	0.960034	-1.04163	0.0588815	0.420117	-2.38029	1.19126	8.19427	2.32142	1
cg06639876	CACNB4;CACNB4;CACNB4	0.0584161	0.171332	0.478107	-2.09158	0.127272	0.427475	-2.33932	0.413449	1.52748	1.52748	0.781185	0.868412	-1.15153	0.338948	0.606896	-1.64773	0.435123	0.68009	-1.46999	0.0501707	0.322595	-3.09986	0.0065993	0.97148	0.59748	0.425138	0.770687	-1.28421	1.19123	12.9746	3.61397	1
cg20524972	ARGLU1	0.0584172	0.377617	1.41039	1.41039	0.256419	1.56823	1.56823	0.368794	1.41994	1.41994	0.722878	0.875503	-1.14482	0.0330141	0.387921	-2.57785	0.0653239	2.19427	2.19427	0.453729	0.748347	-1.33628	0.08045142	0.58665	0.58665	0.582413	1.23483	1.23483	1.19121	7.29182	2.03109	1
cg12821636	CAMK1D;CAMK1D	0.0584184	0.8345614	1.07117	1.07117	0.6373133	1.10977	1.10977	0.0604919	0.641893	-1.55729	0.0604919	0.641893	-1.55729	0.0604919	0.641893	-1.55729	0.8573902	0.961333	1.04027	0.6134812	1.16145	1.16145	0.6300707	0.78097	0.978437	0.9806046	0.9806046	0.978437	0.9806046	0.978437	0.9806046	1
cg14470121	IFT140;TMEM204	0.0584192	0.859665	0.948974	-1.05377	0.3555306	0.484673	-2.06325	0.203957	0.148703	0.148703	0.249923	0.700585	-1.42738	0.0101548	0.383084	-2.6104	0.392345	1.29607	1.29607	0.976214	1.00886	1.00886	1.00886	0.130294	1.62042	1.62042	0.155389	0.637673	-1.5682	1.19116	4.42661	1.23302	1
cg14018363	HLA-A	0.0584194	0.0401241	0.417115	0.4644629	0.4644629	0.538549	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	0.4644629	1
ch.1.31886609	HS01B7 CHORF56;CHorf56;CHorf56;CHorf56;CHor f56;CHorf56	0.0584196	0.130596	-1.85546	-1.16871	0.0294872	0.782863	-1.27736	0.0446419	0.802399	-1.24626	0.916225	1.0101	1.0101	0.420824	0.924473	-1.0817	0.122067	1.17354	1.17354	0.0314033	1.27258	1.27258	0.627644	1.04778	1.04778	0.871695	1.0984684	-1.01555	1.19116	0.4608859	0.128371	1
cg04310247	CHorf56;CHorf56	0.0584206	0.411127	0.707322	-1.41378	0.0035161	0.195782	-5.10773	0.0955608	0.470307	-2.12627	0.63918	1.21477	1.21477	0.45667	0.731746	-1.36659	0.0256781	0.335594	-2.9798	0.411791	1.41306	1.41306	0.765995	0.884773	-1.13023	0.727085	1.1553	1.1553	1.19113	8.57917	2.38972	1
cg07611790	RASIP1	0.0584219	0.0387126	0.377369	-2.64992	0.157733	1.84949	1.84949	0.0471592	2.52092	2.52092	0.780715	0.89261	-1.12031	0.0854264	0.461558	-2.16845	0.778712	0.891654	-1.12151	0.033535	1.24807	1.24807	0.31494	0.655073	-1.52655	0.730935	1.15087	1.15087	1.19111	8.37501	2.33288	1
cg07581732	KCNJ6	0.0584224	0.870265	0.949028	-1.05327	0.1810441	1.026119	1.026119	0.829777	0.922677	1.083421	0.644222	1.08421	1.08421	0.0371886	0.445668	-2.2483	0.893967	1.0677	1.0677	0.2627545	0.6910684	-1.44704	0.0407211	0.589094	-1.69744	0.0148464	0.61464	-1.62687	1.19109	0.5875244	0.144004	1
cg17013166	GALS5T1	0.058426	0.164753	0.697632	-1.43342	0.166913	0.140545	1.43045	0.318079	0.778255	-1.28493	0.0153018	2.06133	2.06133	0.0899069

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15341124	DIO3;DIO3;MIR1247	0.0585	0.0253964	11.0997	11.0997	0.166772	3.80143	3.80143	0.0433132	8.21074	8.21074	0.646934	1.51856	1.51856	0.55762	0.584376	-1.71123	0.208057	3.32813	3.32813	0.507918	0.544183	-1.83762	0.00594514	26.012	26.012	0.201707	3.39146	3.39146	3.18945	41.4521	11.5526	1
cg25939861	CD8A	0.0585019	0.127149	0.716508	-1.39566	0.128577	0.717544	-1.39364	0.01499	0.546442	-1.83002	0.404244	0.841593	-1.18822	0.668392	0.916606	-1.09098	0.0465473	0.630891	-1.58506	0.0307859	1.66961	1.66961	0.755228	1.06523	1.06523	0.982295	0.995526	-1.00449	3.18941	2.06262	0.574852	1
cg01531198	SMOC1;SMOC1	0.0585043	0.0278689	0.205101	-4.87565	0.0082247	0.127356	-7.85203	0.0536959	0.263026	-3.80191	0.725393	1.23984	1.23984	0.075806	0.299792	-3.33565	0.1164	0.353437	-2.82936	0.104069	0.33846	-2.95456	0.159915	0.400367	-2.49771	0.0493935	0.25484	-3.92403	3.18935	18.7711	5.23159	1
cg26275371	ENAH;ENAH	0.0585049	0.610514	0.863103	-1.15861	0.951578	1.01756	1.01756	0.143881	1.56836	1.56836	0.699106	1.11775	1.11775	0.263427	0.715959	-1.39673	0.00228377	0.294484	-3.39577	0.594111	1.16667	1.16667	0.210263	1.45993	1.45993	0.914691	1.03119	1.03119	3.18934	4.14914	1.15639	1
cg22729910	DBNL;DBNL;DBNL;DBNL;DBNL;DBNL	0.0585066	0.482098	0.815218	-1.22667	0.988376	0.995853	-1.00416	0.738527	0.908817	-1.10033	0.164242	0.652069	-1.53358	0.910423	1.03262	1.03262	0.981534	0.99342	-1.00662	0.00524046	3.00084	3.00084	0.903173	0.965878	-1.03533	0.0171618	2.35159	2.35159	3.44539	4.34633	0.981158	1
cg12270308	SSBP3;SSBP3;SSBP3	0.0585073	0.027336	0.231355	-4.32237	0.0261585	4.38969	4.38969	0.0537808	3.4134	3.4134	0.874902	0.915458	-1.09235	0.133216	0.403265	-2.47976	0.493076	1.47737	1.47737	0.365582	1.68403	1.68403	0.253977	0.512802	-1.95007	0.597085	0.741501	-1.34862	3.18929	15.877	4.42509	1
cg23733826	TSPAN13;TSPAN13	0.0585081	0.51198	1.1539	1.1539	0.0171534	1.86854	1.86854	0.996964	1.00082	1.00082	0.0206021	0.548712	-1.82245	0.885472	0.969457	-1.0315	0.176587	0.734049	-1.36231	0.0336195	0.586175	-1.70598	0.835407	0.95621	-1.0458	0.999198	1.00022	1.00022	3.18928	2.33977	0.652122	1
cg11835512	SPC24	0.0585083	0.0207513	0.746457	-1.33966	0.898651	1.01347	1.01347	0.351925	0.90428	-1.10585	0.0415312	0.781252	-1.28	0.0490292	1.26622	1.26622	0.857169	0.981256	-1.0191	0.106355	1.20348	1.20348	0.247055	1.13556	1.13556	0.529001	1.06928	1.06928	3.18927	0.557226	0.155306	1
cg10927719	CXCL12;CXCL12;CXCL12	0.0585092	0.328241	2.66643	2.66643	0.148706	4.50543	4.50543	0.13156	4.86503	4.86503	0.035176	10.8541	10.8541	0.530063	0.538916	-1.85558	0.819089	1.24938	1.24938	0.571775	1.74249	1.74249	0.00211513	66.6738	66.6738	0.556028	1.78377	1.78377	3.18925	47.7084	13.297	1
cg10733677	CTAG2;CTAG2	0.0585093	0.548187	0.780329	-1.28151	0.116794	0.498785	-2.00487	0.0254527	0.338219	-2.95666	0.192518	0.569471	-1.75602	0.00254789	0.181043	-5.52355	0.153063	0.535469	-1.86752	0.984714	0.99221	-1.00785	0.210825	0.583794	-1.71293	0.0979275	0.476574	-2.09831	3.18925	8.41698	2.34593	1
cg09851465	C1orf87	0.0585099	0.0478442	7.23521	7.23521	0.0330603	8.84583	8.84583	0.194192	3.32488	3.32488	0.148797	3.87462	3.87462	0.0269764	9.88512	9.88512	0.0804984	5.45054	5.45054	0.0116226	15.7865	15.7865	0.0325637	8.91912	8.91912	0.087693	5.20074	5.20074	3.18924	38.646	10.7712	1
cg26926805	TOM1L2;TOM1L2	0.0585099	0.046064	0.57488	-1.73949	0.655697	0.897021	-1.1148	0.1843	0.711028	-1.40641	0.435301	0.82468	-1.21259	0.00415455	0.394397	-2.53551	0.227404	0.735747	-1.35916	0.205451	0.723615	-1.38195	0.755989	1.07841	1.07841	0.118935	1.50659	1.50659	3.18924	2.96225	0.825624	1
cg21242872	SDK2	0.0585118	0.0676218	0.764145	-1.30865	0.776282	1.03814	1.03814	0.21404	0.842078	-1.18754	0.344842	1.13636	1.13636	0.627332	0.937744	-1.06639	0.90772	1.01535	1.01535	0.667373	1.05845	1.05845	0.0024287	0.574309	-1.74122	0.410116	1.11703	1.11703	3.1892	0.871898	0.243014	1
cg24812103	PABPC1	0.0585132	0.0303221	0.299146	-3.34285	0.438289	0.687476	-1.4546	0.0925938	0.415922	-2.4043	0.71533	0.840623	-1.18959	0.00297039	0.144795	-6.90633	0.5706	0.7621	-1.31216	0.154479	0.48558	-2.05939	0.0525168	0.351716	-2.84321	0.102357	0.428567	-2.33336	3.18917	11.3475	3.16279	1
cg17150866	RREB1;RREB1;RREB1;RREB1	0.0585133	0.117089	0.335788	-2.97807	0.0521858	4.1195	4.1195	0.179244	0.400694	-2.49567	0.873205	1.10781	1.10781	0.0367676	0.211151	-4.73595	0.128001	2.87141	2.87141	0.0502388	0.239102	-4.18232	0.366114	1.81344	1.81344	0.594271	1.41148	1.41148	3.18916	20.7558	5.78509	1
cg23055377	HLA-DQA2	0.0585137	0.135399	1.78725	1.78725	0.86721	0.941408	-1.06224	0.114135	0.537897	-1.85909	0.548348	0.803205	-1.24501	0.0290284	0.395152	-2.53067	0.144671	0.568208	-1.75992	0.00604148	0.274181	-3.64722	0.15873	0.580691	-1.72209	0.833301	0.926775	-1.07901	3.18916	6.57539	1.83271	1
cg01083589	NPHP4	0.0585159	0.0278995	0.63818	-1.56696	0.92794	1.01576	1.01576	0.433571	0.870979	-1.14813	0.02383	0.627371	-1.59395	0.180472	0.782042	-1.2787	0.935948	1.01399	1.01399	0.0494237	1.47346	1.47346	0.16882	0.776123	-1.28846	0.193918	1.2682	1.2682	3.18911	1.50934	0.420694	1
cg14150774	QSOX2	0.0585161	0.078854	1.71528	1.71528	0.052586	1.83918	1.83918	0.0905799	1.67457	1.67457	0.195384	1.4603	1.4603	0.269825	0.727818	-1.37397	0.256564	1.38739	1.38739	0.0399149	0.518582	-1.92834	0.315783	0.750678	-1.33213	0.13734	1.55651	1.55651	3.18911	3.86122	1.07623	1
cg20534662	PPARGC1B	0.0585164	0.163364	0.747963	-1.33697	0.0691103	1.48739	1.48739	0.073223	1.47696	1.47696	0.708884	0.929404	-1.07596	0.0523262	1.53848	1.53848	0.826866	1.04369	1.04369	0.0486769	1.55202	1.55202	0.0575108	1.52095	1.52095	0.156945	0.744152	-1.34381	3.1891	1.92469	0.536464	1
cg16985301	CDK18;CDK18;CDK18	0.0585202	0.0101216	0.444275	-2.25086	0.902789	1.03103	1.03103	0.155088	0.683516	-1.46302	0.527758	0.852155	-1.1735	0.0117399	0.455115	-2.19725	0.766402	0.928204	-1.07735	0.103344	1.56131	1.56131	0.197743	0.711443	-1.40559	0.49814	0.841994	-1.18766	3.18902	3.15858	0.880405	1
cg00995670	NCRNA00171	0.0585241	0.0451667	0.426419	-2.34511	0.0516686	0.439832	-2.27359	0.0817932	0.489059	-2.04474	0.595775	0.819909	-1.21965	0.00368704	0.233255	-4.28716	0.0702859	0.472181	-2.11783	0.972235	0.987175	-1.01299	0.808172	1.0944	1.0944	0.565849	0.806333	-1.24018	3.18893	6.94683	1.93637	1
cg20674891	AFAP1L1;AFAP1L1	0.058525	0.240577	1.15917	1.15917	0.0555549	0.770415	-1.298	0.660358	0.94823	-1.0546	0.0255106	1.37586	1.37586	0.19845	1.17748	1.17748	0.504194	1.08489	1.08489	0.0643523	0.778926	-1.28382	0.0913595	1.25046	1.25046	0.33893	0.888255	-1.1258	3.18892	0.729898	0.203454	1
cg11467440	ABCG5;ABCG8	0.0585254	0.192427	0.62215	-1.60733	0.68145	1.15255	1.15255	0.113835	0.553352	-1.80717	0.094262	0.531103	-1.88287	0.0055555	0.285605	-3.50134	0.0352979	0.430303	-2.32394	0.447618	1.30504	1.30504	0.553433	1.22902	1.22902	0.196106	0.624858	-1.60036	3.18891	5.97625	1.66584	1
cg26169138	SHROOM3	0.0585256	0.556175	1.09936	1.09936	0.070136	1.38015	1.38015	0.727961	1.05714	1.05714	0.921413	1.01583	1.01583	0.562714	0.911078	-1.0976	0.0419329	1.45218	1.45218	0.0024672	1.95408	1.95408	0.149709	1.27862	1.27862	0.968005	1.0064	1.0064	3.1889	1.27899	0.356512	1
cg19125715	MYBL1;MYBL1	0.0585264	0.278101	0.925949	-1.07997	0.121042	1.12152	1.12152	0.0627903	1.15351	1.15351	0.368145	1.06509	1.06509	0.530691	1.04428	1.04428	0.669606	1.02971	1.02971	0.870852	1.01116	1.01116	0.0941656	1.13375	1.13375	0.00259212	1.32943	1.32943	3.18889	0.235016	0.0655097	1
cg19878479	LMTK3	0.0585265	0.718635	1.22314	1.22314	?	?	?	0.135242	0.408035	-2.45077	0.902671	0.934159	-1.07048	0.0719937	0.3269	-3.05904	0.633038	0.765064	-1.30708	0.782899	1.16623	1.16623	0.00919576	0.158641	-6.30354	0.0478966	3.52249	3.52249	3.23355	14.1091	4.36336	1
cg06790862	MPPED2;MPPED2	0.0585288	0.266577	1.29219	1.29219	0.785881	0.941481	-1.06216	0.110986	1.46891	1.46891	0.0507611	1.63702	1.63702	0.708823	0.920285	-1.08662	0.00415442	2.3415	2.3415	0.0218594	1.83908	1.83908	0.562922	1.13829	1.13829	0.368791	1.22681	1.22681	3.18883	2.47671	0.690383	1
cg00771185	MED14	0.0585337	0.910342	0.974031	-1.02666	0.0312715	0.554191	-1.80443	0.0166474	0.505129	-1.97969	0.448906	1.19752	1.19752	0.0422567	0.578981	-1.72717	0.467547	0.841415	-1.18847	?	?	?	0.193325	1.37924	1.37924	0.169927	0.710729	-1.40701	3.23339	2.48367	0.768133	1
cg09307727	TAPBPL;CD27;LOC678655	0.0585347	0.0154281	0.0927624	-10.7802	0.295964	2.32483	2.32483	0.795384	1.22294	1.22294	0.931082	0.935227	-1.06926	?	?	?	?	?	?	0.0110935	0.0775445	-12.8958	0.194726	0.342615	-2.91873	0.547832	0.623956	-1.60268	3.54277	25.604	7.22714	1
cg23473285	RIMS1;RIMS1	0.0585358	0.486555	1.10741	1.10741	0.700683	0.945788	-1.05732	0.662524	0.938595	-1.06542	0.255174	1.187	1.187	0.427018	1.12416	1.12416	0.189897	1.22184	1.22184	0.00193644	0.531033	-1.88312	0.786969	0.961665	-1.03986	0.683913	1.06085	1.06085	3.18869	1.05165	0.293162	1
cg19609315	MZF1;LOC100131691;MZF1	0.0585358	0.526434	1.19112	1.19112	0.317512	1.32516	1.32516	0.266552	0.729486	-1.37083	0.342094	1.30567	1.30567	0.603711	0.867027	-1.15337	0.405637	0.793088	-1.26089	0.00167625	0.294003	-3.40132	0.661409	0.886847	-1.12759	0.674357	1.12204	1.12204	3.18869	3.74933	1.04518	1
cg00145596	PLCG2	0.0585366	0.230734	0.509333	-1.96335	0.0677854	0.333588	-2.99771	0.40859	1.5739	1.5739	0.309674	0.568852	-1.75793	0.26645	1.86139	1.86139	0.193422	0.477843	-2.09274	0.0857357	2.77069	2.77069	0.0196863	4.53497	4.53497	0.160936	2.23343	2.23343	3.18867	14.5419	4.05377	1
cg05142677	ZFPM1	0.0585382	0.0141475	3.76402	3.76402	0.0495543	2.66691	2.66691	0.748623	1.15114	1.15114	0.00982173	4.17414	4.17414	0.951236	1.02714	1.02714	0.495787	0.738763	-1.35361	0.502677	0.742443	-1.34691	0.762487	0.875731	-1.1419	0.131414	2.04005	2.04005	3.18864	9.67896	2.69818	1
cg17651451	ADAMTS2;ADAMTS2	0.0585382	0.0619259	0.60194	-1.66129	0.0216462	0.513851	-1.94609	0.77649	1.07114	1.07114	0.11426	0.660463	-1.51409	0.0167602	0.49414	-2.02372	0.0695112	0.612487	-1.63269	0.0164724	0.492827	-2.02911	0.154011	0.691773	-1.44556	0.21189	0.72794	-1.37374	3.18864	2.94444	0.820815	1
cg17034109	CYB561D1;CYB561D1;CYB561D1;CYB561D1;CYB561D1	0.0585385	0.0874973	0.591798	-1.68976	0.860705	0.952329	-1.05006	0.0422002	1.91716	1.91716	0.619769	0.870143	-1.14924	0.06114	0.5561	-1.79824	0.250859	0.716302	-1.39606	0.00811689	0.389643	-2.56645	0.689312	0.894261	-1.11824	0.735216	1.099	1.099	3.18863	3.90552	1.08873	1
cg05112254	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0585389	0.0193893	0.642112	-1.55736	0.791501	1.04239	1.04239	0.734205	1.05486	1.05486	0.690269	1.06478	1.06478	0.846803	0.970145	-1.03077	0.0842499	1.34894	1.34894	0.108386	1.31581	1.31581	0.0140208	0.621667	-1.60858	0.707434	0.942631	-1.06086	3.18862	1.24007	0.345694	1
cg12042787	BMP8A	0.0585393	?	?	?	0.0484688	0.528358	-1.89266	0.276996	0.726172	-1.37708	0.0381359	0.506551	-1.97413	0.00613371	0.363482	-2.75117	0.0636372	0.554268	-1.80418	0.470225	0.812292	-1.23108	0.166643	0.658811	-1.51789	0.0588536	0.546698	-1.82916	3.23327	3.64541	1.12747	1
cg03483626	KCNA3	0.0585393	0.497484	0.664739	-1.50435	0.2815	1.94171	1.94171	0.0777913	3.19633	3.19633	0.214115	2.17159	2.17159	0.0212308	0.193591	-5.16554	0.263134	0.500757	-1.99697	0.0558509	0.276836	-3.61225	0.128555	0.377614	-2.6482	0.158336	0.408989	-2.44505	3.18861	17.7499	4.94814	1
cg18563153	PVT1	0.058541	0.148372	0.746268	-1.34	0.0482567	0.653053	-1.53127	0.0263328	0.608164	-1.64429	0.0656993	0.677124	-1.47684	0.353216	0.834994	-1.19761	0.214463	0.78136	-1.27982	0.0273093	1.63723	1.63723	0.310689	0.820354	-1.21899	0.545132	0.890826	-1.12255	3.18858	1.79973	0.501717	1
cg25362050	RARA	0.0585439	0.0428269	0.269386	-3.71214	0.165474	0.435062	-2.29852	0.526833	0.697138	-1.43444	0.135262	0.404197	-2.47404	0.0658468	0.313097	-3.1939	0.0482965	0.280939	-3.55949	0.00487996	0.122544	-8.16035	0.0511605	0.28665	-3.48857	0.0671108	0.315189	-3.1727	3.18851	15.9854	4.45639	1
cg17365369	ZNF766	0.0585452	0.908361	1.02185	1.02185	0.23158	1.26558	1.26558	0.322955	1.21124	1.21124	0.533364	1.12572	1.12572	0.688435	1.0786	1.0786	0.0434282	1.54647	1.54647	0.00426485	2.04987	2.04987	0.0546917	1.50545	1.50545	0.0185033	1.70953	1.70953	3.18849	1.77936	0.496053	1
cg16004738	INF2;INF2;INF2	0.058546	0.0939309	0.466807	-2.14221	0.473384	1.35207	1.35207	0.34067	1.50105	1.50105	0.204746	0.574933	-1.73933	0.0285793	0.343534	-2.91092	0.674331	1.19103	1.19103	0.570462	0.788853	-1.26766	0.00782515	0.243669	-4.10393	0.0775886	0.444232	-2.25108	3.18847	8.64012	2.40871	1
cg11136592	AKR1C4	0.0585463	0.0354073	0.0941313	-10.6235	0.0186808	0.0627682	-15.9316	0.00960643	0.0404665	-24.7118	0.563841	0.576712	-1.73397	0.0791787	0.154793	-6.46023	0.0504393	0.11725	-8.52879	0.131992	0.212397	-4.70816	0.0561733	0.125304	-7.98057	0.0491199	0.115345	-8.66962	3.44442	47.3634	10.6951	1
cg16449251	ST3GAL6	0.0585468	0.754997	1.02935	1.02935	0.452797	1.07323	1.07323	0.424467	1.07828	1.07828	0.17196	1.14379	1.14379	0.597152	1.05051	1.05051	0.330209	1.09728	1.09728	0.00364464	0.695312	-1.4382	0.103881	0.84848	-1.17858	0.362593	1.09031	1.09031	3.18845	0.431115	0.120188	1
cg20836156	KRAS;KRAS	0.0585475	0.0930882	0.563653	-1.77414	0.638115	1.15837	1.15837	0.546669	0.827543	-1.2084	0.201872	0.658233	-1.51922	0.0049402	0.314966	-3.17495	0.0276754	0.445821	-2.24305	0.0875856	0.556997	-1.79534	0.372131	1.3289	1.3289	0.406816	0.768485	-1.30126	3.18844	4.86304	1.35574	1
cg01584473	MUC17;MUC17	0.0585479	0.376307	0.718393	-1.392	0.630222	0.838029	-1.19328	0.145272	0.565676	-1.76779	0.029466	0.39297	-2.54472	0.22611	0.629379	-1.58887	0.606426	0.827532	-1.20841	0.0977258	0.515898	-1.93837	0.00176982	0.197514	-5.06294	0.520745	0.788887	-1.26761	3.18843	6.70111	1.86817	1
cg07169535	KIAA1328;C18orf10	0.0585485	0.665448	1.33741	1.33741	0.767312	1.21933	1.21933	0.100916	3.32225	3.32225	0.125067	0.329703	-3.03303	0.00563738	0.0882181	-11.3355	0.263419	0.458804	-2.17958	?	?	?	0.265668	2.17095	2.17095	0.544457	0.66368	-1.50675	3.23307	20.3277	6.28744	1
cg11631091	MTG1	0.0585488	0.656406	0.901807	-1.10888	0.850991	1.04436	1.04436	0.483949	0.848575	-1.17845	0.636939	1.11599	1.11599	0.839419	0.954246	-1.04795	0.676019	0.907545	-1.10187	0.00285739	0.387731	-2.57911	0.09548	1.52617	1.52617	0.0584129	0.610416	-1.63823	3.18841	2.69053	0.750086	1
cg09594075	CRK;CRK	0.0585498	0.196714	0.643084	-1.55501	0.200714	1.54825	1.54825	0.123689	1.71482	1.71482	0.052145	2.04314	2.04314	0.0470088	0.479355	-2.08614	0.178622	0.629897	-1.58756	0.068361	0.516832	-1.93486	0.257576	0.682397	-1.46542	0.315911	0.715061	-1.39848	3.18839	5.28291	1.47282	1
cg15449391	SMOC2;SMOC2	0.05855	0.4767	0.881934	-1.13387	0.262737	0.816487	-1.22476	0.00409284	0.512282	-1.95205	0.397975	0.860479	-1.16214	0.263273	0.816688	-1.22446	0.956554	0.990585	-1.0095	0.0404992	1.50803	1.50803	0.67669	0.929775	-1.07553	0.337159	1.18746	1.18746	3.18838	1.5224	0.424429	1
cg27444994	CDH8	0.0585516	0.528801	0.898375	-1.11312	0.138187	1.30747	1.30747	0.239878	0.813276	-1.22959	0.0769593	1.3914	1.3914	0.0259049	1.55917	1.55917	0.833487	0.965261	-1.03599	0.232268	1.23416	1.23416	0.115682	1.33269	1.33269	0.0107221	1.71355	1.71355	3.18835	1.42434	0.397097	1
cg07655025	TNPO2	0.0585524	0.742272	1.08148	1.08148	0.291062	0.771004	-1.29701	0.00132719	3.02865	3.02865	0.805135	0.943015	-1.06043	0.86431	0.960213	-1.04144	0.686529	0.908189	-1.10109	0.308543	0.778671	-1.28424	0.973337	0.992098	-1.00796	0.965161	0.989686	-1.01042	3.18833	2.8451	0.793197	1
cg15368044	ARHGAP26;ARHGAP26	0.0585534	0.0237225	0.314559	-3.17906	0.0261637	0.32295	-3.09646	0.0530412	0.389932	-2.56455	0.191034	0.552615	-1.80958	0.0495668	0.382967	-2.61119	0.0278807	0.328501	-3.04413	0.0419995	0.366456	-2.72884	0.624531	0.809515	-1.23531	0.0373718	0.355241	-2.81499	3.18831	9.26711	2.58363	1
cg11593656	COMMD6;COMMD6	0.0585536	0.315608	1.18598	1.18598	0.20315	1.24711	1.24711	0.00800459	1.74832	1.74832	0.94942	0.989626	-1.01048	0.0531921	0.696913	-1.4349	0.302303	0.838904	-1.19203	0.554603	1.10324	1.10324	0.522216	0.898867	-1.11251	0.0679867	1.39935	1.39935	3.18831	1.36452	0.380423	1
cg23146713	TAS2R31;TAS2R31;PRR4;PRH1	0.0585546	0.584426	0.856773	-1.16717	0.0122521	0.417572	-2.3948	0.0328488	0.497262	-2.01101	0.820433	1.0657	1.0657	0.726468	0.906379	-1.10329	0.00563183	0.361676	-2.76491	0.488184	0.821105	-1.21787	0.404162	0.787488	-1.26986	0.104317	0.608373	-1.64373	3.18829	3.95545	1.10277	1
cg00603617	CRH	0.0585581	0.16181	0.867905	-1.1522	0.377517	1.08967	1.08967	0.888875	1.01335	1.01335	0.264214	0.895508	-1.11668	0.0252245	0.776949	-1.28709	0.633679	0.955491	-1.04658	0.0445424	0.803509	-1.24454	0.227031	1.12781	1.12781	0.0332032	1.26629	1.26629	3.18821	0.454125	0.126612	1
cg22312782	B3GNTL1	0.0585594	0.0116345	0.492478	-2.03055	0.608675	1.12297	1.12297	0.0630127	0.625188	-1.59952	0.120151	1.4603	1.4603	0.888818	1.03191	1.03191	0.551357	1.14495	1.14495	0.16619	1.39319	1.39319	0.648725	0.902123	-1.1085	0.0552609	0.613835	-1.6291	3.18819	2.54703	0.710131	1
cg07903989	ANKRD53;ANKRD53	0.0585595	0.0727269	0.380117	-2.63077	0.967803	1.01969	1.01969	0.324686	1.63458	1.63458	0.199387	0.519391	-1.92533	0.0153184	0.237348	-4.21321	0.293194	0.590471	-1.69356	0.833809	1.10684	1.10684	0.0269402	0.281995	-3.54616	0.104735	2.35531	2.35531	3.18818	11.7868	3.28624	1
cg16739198	WIPI2;WIPI2;WIPI2;WIPI2	0.0585602	0.93512	1.07151	1.07151	0.316594	2.40699	2.40699	0.117038	4.23968	4.23968	0.000955891	65.0589	65.0589	0.781294	1.26633	1.26633	0.899232	1.11347	1.11347	0.971945	1.03029	1.03029	0.573714	1.61974	1.61974	0.90409	1.10768	1.10768	3.18817	36.3431	10.1328	1
cg16411883	EFNA5	0.0585613	0.0569125	0.289747	-3.45129	0.172034	0.433535	-2.30662	0.148955	0.410719	-2.43475	0.0601852	0.295594	-3.38302	0.00798246	0.141579	-7.06318	0.149837	0.411624	-2.4294	0.015297	0.180517	-5.53963	0.321015	0.554619	-1.80304	0.0330801	0.238686	-4.1896	3.18815	16.6896	4.65325	1
cg15358723	KIF26B	0.0585645	0.101778	0.720254	-1.3884	0.0719216	1.44491	1.44491	0.0133269	0.570237	-1.75366	0.148345	0.752737	-1.32849	0.374045	0.846062	-1.18195	0.736178	0.93993	-1.06391	0.0804268	1.42655	1.42655	0.347675	1.1938	1.1938	0.954933	0.9897	-1.01041	3.18808	1.69463	0.472491	1
cg05985317	PRRT1	0.0585654	0.123897	2.18044	2.18044	0.0127435	4.2539	4.2539	0.0652749	2.63292	2.63292	0.277527	1.69605	1.69605	0.844165	0.912043	-1.09644	0.532494	1.34416	1.34416	0.0472443	2.89233	2.89233	0.00959727	4.63662	4.63662	0.0667944	2.61534	2.61534	3.18806	11.0502	3.08099	1
cg05029558	XKR9;LACTB2	0.0585672	0.713598	1.13559	1.13559	0.0812625	1.94772	1.94772	0.23033	1.54355	1.54355	0.460116	1.29617	1.29617	0.0349169	0.428306	-2.33478	0.755282	1.11388	1.11388	0.0196731	0.378342	-2.64311	0.0671791	0.492807	-2.02919	0.637591	1.17783	1.17783	3.18802	6.00754	1.67503	1
cg12772971	GSTCD;INTS12;INTS12;GSTCD	0.0585677	0.374423	0.846298	-1.18162	0.653985	1.08609	1.08609	0.459422	1.14784	1.14784	0.569201	0.900047	-1.11105	0.29307	1.22098	1.22098	0.717599	0.935678	-1.06874	0.0015498	0.434693	-2.30048	0.936989	1.01458	1.01458	0.376564	1.18069	1.18069	3.18801	1.69177	0.471703	1
cg03915055	CYTIP	0.0585722	0.410901	0.743977	-1.34413	0.0267871	0.397423	-2.51621	0.00500504	0.270838	-3.69224	0.576456	0.819981	-1.21954	0.0315388	0.411944	-2.42752	0.151027	0.582038	-1.7181	0.173818	0.60115	-1.66348	0.519218	1.25836	1.25836	0.14485	0.576526	-1.73453	3.18791	6.24561	1.74147	1
cg04531710	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0585776	0.253507	1.71068	1.71068	0.684077	0.831783	-1.20224	0.639919	0.808863	-1.2363	0.0396057	0.342519	-2.91954	0.679362	1.20578	1.20578	?	?	?	0.00591785	0.197723	-5.05759	0.614808	1.25664	1.25664	?	?	?	3.28805	8.20979	2.85355	1
cg24435747	IL28RA;IL28RA;IL28RA	0.0585793	0.130583	2.49794	2.49794	0.0322651	4.07936	4.07936	0.204678	2.11793	2.11793	0.183101	2.20798	2.20798	0.116624	2.60119	2.60119	0.0878213	2.87609	2.87609	0.00244627	10.6327	10.6327	0.432495	1.567	1.567	0.0978673	2.76831	2.76831	3.18776	15.8735	4.42624	1
ch.18.486455F	TAF4B	0.0585808	0.00336903	0.0404141	-24.7438	0.0923311	0.225259	-4.43934	0.0297646	0.127735	-7.8287	0.841657	1.1746	1.1746	0.395224	0.496316	-2.01485	?	?	?	0.124654	0.262504	-3.80947	0.67805	0.71472	-1.39915	0.578158	0.636389	-1.57137	3.23236	29.4554	9.11264	1
cg24902075	TPRA1;TPRA1	0.0585822	0.0426197	0.608149	-1.64433	0.34287	1.23146	1.23146	0.167515	1.36815	1.36815	0.374405	1.21441	1.21441	0.889595	0.970841	-1.03004	0.15266	1.38593	1.38593	0.0194789	0.547882	-1.82521	0.470214	1.16944	1.16944	0.064912	1.55527	1.55527	3.1877	2.29183	0.639074	1
cg21813538	MON1A;MON1A	0.0585824	0.196133	0.529498	-1.88858	0.0409704	0.333805	-2.99576	0.0130823	0.238888	-4.18606	0.568843	0.765013	-1.30717	0.0547979	0.363056	-2.75439	0.152683	0.490417	-2.03908	0.0219762	0.278533	-3.59024	0.0150696	0.249186	-4.01306	0.20984	0.540771	-1.84921	3.1877	10.9239	3.04613	1
cg12997579	FGFR3;FGFR3;FGFR3	0.0585837	0.670293	1.412	1.412	0.148609	3.48368	3.48368	0.111617	4.03866	4.03866	0.870933	1.13996	1.13996	0.835218	1.1827	1.1827	0.313551	0.431843	-2.31565	0.00268946	0.0353858	-28.2599	0.88643	1.12201	1.12201	0.515153	0.587631	-1.70175	3.18767	32.764	9.13632	1
cg05286791	NFRKB;NFRKB	0.0585846	0.851483	0.968593	-1.03243	0.0197805	0.619302	-1.61472	0.133173	0.758945	-1.31762	0.343829	0.847025	-1.1806	0.372725	0.855726	-1.1686	0.131018	0.757593	-1.31997	0.0111741	1.71841	1.71841	0.375492	0.856536	-1.16749	0.814524	1.04082	1.04082	3.18765	1.46346	0.40809	1
cg18072166	RASA3	0.0585849	0.0718665	1.56659	1.56659	0.145185	0.705061	-1.41832	0.126598	0.691315	-1.44652	0.409792	0.828357	-1.20721	0.619233	1.11841	1.11841	0.895443	1.02981	1.02981	0.0140475	1.96871	1.96871	0.868371	1.03775	1.03775	0.0527339	0.611456	-1.63544	3.18765	2.51943	0.702555	1
cg11498652	RPL37	0.0585853	?	?	?	?	?	?	0.20678	3.00779	3.00779	0.00953743	0.0609377	-16.4102	0.475291	1.81674	1.81674	0.37623	2.11244	2.11244	?	?	?	0.179912	3.25174	3.25174	0.25725	2.65452	2.65452	3.61137	25.1177	8.11436	1
cg05114100	LUZP4	0.0585858	0.176653	2.27491	2.27491	0.00825287	6.91206	6.91206	0.155145	0.418698	-2.38836	0.0442457	0.266469	-3.75278	0.719469	1.22924	1.22924	0.102118	2.78389	2.78389	0.838901	1.12355	1.12355	0.857215	0.902069	-1.10856	0.702759	0.802993	-1.24534	3.18763	16.5333	4.6104	1
cg03146797	AIRE;AIRE	0.0585865	0.804638	1.09892	1.09892	0.893379	1.05236	1.05236	0.62887	0.830806	-1.20365	0.091221	0.492631	-2.02992	0.00120984	0.164693	-6.07189	0.641916	1.19511	1.19511	0.80257	0.909057	-1.10004	0.837153	1.08148	1.08148	0.619349	0.826461	-1.20998	3.18761	7.31303	2.03929	1
cg15529344	ANKRD58	0.0585872	0.0171087	0.369017	-2.7099	0.254141	1.50449	1.50449	0.046717	0.457892	-2.18392	0.495582	0.788718	-1.26788	0.0131363	0.348233	-2.87164	0.382279	0.735392	-1.35982	0.323996	0.705115	-1.41821	0.42799	1.31993	1.31993	0.494058	1.26898	1.26898	3.1876	5.93993	1.6564	1
cg26759191	RCHY1;RCHY1;THAP6;RCHY1	0.0585899	0.0705858	1.24058	1.24058	0.177702	1.16511	1.16511	0.0339435	1.30231	1.30231	0.357794	1.10616	1.10616	0.162347	1.17252	1.17252	0.555814	1.06563	1.06563	0.0124657	0.717698	-1.39334	0.475271	1.08054	1.08054	0.571418	0.940805	-1.06292	3.18754	0.574627	0.160243	1
cg21449655	CASP9;CASP9	0.058593	0.195466	0.638406	-1.5664	0.0119403	2.79605	2.79605	0.155554	1.64558	1.64558	0.348394	1.37223	1.37223	0.201152	0.64243	-1.55659	0.629342	0.852647	-1.17282	0.0490034	0.478692	-2.08903	0.291726	0.698665	-1.4313	0.334393	1.38586	1.38586	3.18747	5.42369	1.5125	1
cg04952599	CCNF	0.0585956	0.938651	0.985156	-1.01507	0.758131	1.06185	1.06185	0.0823966	0.688099	-1.45328	0.449181	1.16165	1.16165	0.912525	0.978876	-1.02158	0.0234811	0.591082	-1.69181	0.236418	0.78581	-1.27257	0.0235876	1.69088	1.69088	0.0831527	1.45167	1.45167	3.18742	1.90565	0.531437	1
cg15741124	CYB5D2;CYB5D2;CYB5D2	0.058596	0.0163323	0.214798	-4.65553	0.0212125	0.234277	-4.26845	0.06873	0.34394	-2.90748	0.12515	0.41913	-2.38589	0.0116782	0.191878	-5.21164	0.088794	0.374038	-2.67353	0.280882	0.555895	-1.7989	0.0649946	0.337727	-2.96097	0.132885	0.427655	-2.33833	3.18741	13.8546	3.86371	1
cg19129325	ZNF717	0.0585967	0.175959	0.707966	-1.4125	0.0148962	0.48735	-2.05191	0.160033	0.697471	-1.43375	0.5079	1.17495	1.17495	0.0325723	0.548593	-1.82285	0.477256	1.1894	1.1894	0.0573932	1.67514	1.67514	0.926004	0.977951	-1.02255	0.303188	0.77416	-1.29172	3.18739	2.90816	0.811018	1
cg16586518	NBEAL2	0.0585975	0.238221	0.572986	-1.74524	0.621193	1.25175	1.25175	0.176335	1.91169	1.91169	0.589484	0.782264	-1.27834	0.109475	0.45537	-2.19602	0.111273	0.457495	-2.18582	0.660056	0.819122	-1.22082	0.00502013	5.32941	5.32941	0.763442	1.14575	1.14575	3.18738	10.2579	2.86069	1
cg06009432	TTC30A	0.0585978	0.377847	0.848501	-1.17855	0.390172	0.852254	-1.17336	0.43871	0.866404	-1.1542	0.162465	0.762803	-1.31095	0.00648302	0.525962	-1.90128	0.108953	0.728047	-1.37354	0.456079	0.871255	-1.14777	0.188613	1.28776	1.28776	0.0676842	1.45009	1.45009	3.18737	1.66409	0.464078	1
cg27180880	MBP;MBP	0.058598	0.0408946	31.0261	31.0261	0.119262	11.7132	11.7132	0.241972	5.94468	5.94468	0.0674136	19.7426	19.7426	0.0278673	43.9321	43.9321	0.0535845	24.3018	24.3018	0.0116542	98.3589	98.3589	0.0323573	38.3553	38.3553	0.0684949	19.4598	19.4598	3.18737	106.942	29.8238	1
cg24183566	CUX1;CUX1;CUX1	0.058598	0.19588	0.511587	-1.9547	0.110923	0.426967	-2.3421	0.246947	0.552528	-1.80986	0.121604	0.439384	-2.27591	0.0281431	0.280692	-3.56263	0.417738	0.666447	-1.50049	0.00586178	0.170783	-5.8554	0.0198076	0.251913	-3.96963	0.0535638	0.34154	-2.92792	3.18737	12.1218	3.3805	1
cg12858370	ADAMTS16	0.0585991	0.0997198	0.703492	-1.42148	0.989098	0.99734	-1.00267	0.994734	0.998714	-1.00129	0.0186506	0.573561	-1.74349	0.0302809	0.608649	-1.64298	0.292877	0.808382	-1.23704	0.0397804	1.58946	1.58946	0.566433	1.1196	1.1196	0.517397	1.13649	1.13649	3.18734	1.91839	0.535003	1
cg22765626	AKAP8	0.0586004	0.206419	0.531773	-1.8805	0.0123182	0.228316	-4.37989	0.427288	0.681064	-1.46829	0.802285	1.12625	1.12625	0.0664032	0.37696	-2.6528	0.0841379	0.40431	-2.47335	0.0197378	0.263332	-3.79749	0.014249	0.238681	-4.18969	0.411397	0.671634	-1.48891	3.18732	11.3365	3.16156	1
cg17277933	MUC4;MUC4;MUC4	0.0586011	0.123441	0.446651	-2.23889	0.309873	0.604147	-1.65523	0.503668	0.722908	-1.3833	0.935131	0.96191	-1.0396	0.00915396	0.193737	-5.16163	0.0593185	0.355182	-2.81546	0.0211266	0.25608	-3.90504	0.0139933	0.223663	-4.47101	0.0845839	0.396741	-2.52054	3.44307	12.1489	2.7444	1
cg03955927	LOC100132215;EHBP1;EHBP1;EHBP1;EHBP1	0.0586012	0.083842	2.72848	2.72848	0.140217	2.29921	2.29921	0.186727	2.08406	2.08406	0.0809131	2.76054	2.76054	0.0358549	3.60043	3.60043	0.0286915	3.87275	3.87275	0.00652959	6.38657	6.38657	0.0731206	2.85372	2.85372	0.0642705	2.97664	2.97664	3.1873	13.8955	3.87524	1
cg21200229	CHRM2;CHRM2;CHRM2;MIR490;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.0586013	0.842402	0.96354	-1.03784	0.0878218	1.42124	1.42124	0.225883	0.788771	-1.2678	0.92731	1.01717	1.01717	0.735806	1.06523	1.06523	0.0637269	1.47535	1.47535	0.0025052	2.1889	2.1889	0.450938	1.15409	1.15409	0.764932	1.05754	1.05754	3.1873	1.7573	0.490085	1
cg23426792	MAT2B;MAT2B	0.0586032	0.256037	0.757131	-1.32078	0.244811	0.751643	-1.33042	0.0504766	0.592684	-1.68724	0.458055	1.19401	1.19401	0.266714	1.31198	1.31198	0.439683	1.20314	1.20314	0.00984662	2.15011	2.15011	0.105501	1.51436	1.51436	0.323576	1.27029	1.27029	3.18726	2.7796	0.775199	1
cg18052550	GK3P;KLHL2;KLHL2;KLHL2	0.0586038	0.168955	0.520824	-1.92004	0.00919716	0.229482	-4.35765	0.00830038	0.222687	-4.49061	0.700503	1.18771	1.18771	0.109619	0.460074	-2.17356	0.431159	0.699335	-1.42993	0.0978396	0.445588	-2.24422	0.0746527	0.413188	-2.4202	0.867043	0.928133	-1.07743	3.18724	10.0007	2.78909	1
cg22563103	ZNF71	0.0586047	0.144061	0.740156	-1.35107	0.891326	1.02656	1.02656	0.803266	1.04902	1.04902	0.942011	0.986149	-1.01405	0.00165963	0.421978	-2.36979	0.164832	1.32856	1.32856	0.946598	1.01293	1.01293	0.391084	0.844949	-1.1835	0.746617	0.939737	-1.06413	3.18722	1.85551	0.517485	1
cg10636490	PFN2;PFN2	0.0586053	0.504629	1.33448	1.33448	0.0119221	3.80864	3.80864	0.00712381	4.39867	4.39867	0.192858	1.79915	1.79915	0.760818	0.877995	-1.13896	0.823822	0.909349	-1.09969	0.361565	0.670529	-1.49136	0.314988	0.642236	-1.55706	0.498581	1.34014	1.34014	3.18721	9.16779	2.55683	1
cg13754255	PDCD7	0.0586061	0.610074	0.763362	-1.30999	0.307614	1.741	1.741	0.255159	1.86585	1.86585	0.878827	0.923028	-1.08339	0.195475	2.05199	2.05199	?	?	?	0.00271174	0.113661	-8.7981	0.873041	0.919469	-1.08758	0.678107	0.80322	-1.24499	3.23181	12.5406	3.88036	1
cg03757053	MAGEB1;MAGEB1;MAGEB1	0.0586072	0.300568	2.31577	2.31577	0.0210317	8.78296	8.78296	0.101563	0.245795	-4.06843	0.31448	0.442953	-2.25758	0.0122826	0.0870415	-11.4888	0.281888	2.39992	2.39992	0.935064	0.938202	-1.06587	0.900971	1.10236	1.10236	0.726896	1.31586	1.31586	3.18717	30.9337	8.62727	1
cg09073059	SSU72	0.0586089	0.857197	0.839167	-1.19166	0.0560215	8.22405	8.22405	0.998296	1.00208	1.00208	0.946814	1.0671	1.0671	0.0222289	0.0693878	-14.4118	0.778078	0.759534	-1.3166	0.0125066	0.0485764	-20.5861	0.731827	0.715425	-1.39777	0.0588258	0.125241	-7.9846	3.18713	47.8361	13.3414	1
cg20900676	FCHSD2	0.0586092	0.675513	1.08669	1.08669	0.0970815	0.697939	-1.43279	0.0322971	0.609543	-1.64057	0.325633	1.22193	1.22193	0.0184691	1.75833	1.75833	0.195623	0.763163	-1.31034	0.855481	1.03666	1.03666	0.323382	1.22315	1.22315	0.146164	1.36081	1.36081	3.18713	1.9686	0.549043	1
cg01977519	ARHGEF18;ARHGEF18	0.05861	0.661737	0.92988	-1.07541	0.171137	0.786137	-1.27204	0.91416	1.01796	1.01796	0.450285	0.880709	-1.13545	0.115798	0.754065	-1.32615	0.555162	1.10357	1.10357	0.00273857	1.9794	1.9794	0.892166	1.02265	1.02265	0.313436	1.18787	1.18787	3.18711	1.37641	0.383882	1
cg03638120	HLA-DQB2	0.058611	0.0184427	3.41446	3.41446	0.762695	0.878018	-1.13893	0.289845	0.623797	-1.60309	0.0602114	2.48568	2.48568	0.637471	1.22618	1.22618	0.273403	0.612845	-1.63173	0.186278	0.547756	-1.82563	0.0563414	2.53015	2.53015	0.0758949	2.33637	2.33637	3.18709	9.3148	2.59793	1
cg25350087	FBRSL1	0.0586113	?	?	?	0.280159	1.81487	1.81487	0.457892	1.4919	1.4919	?	?	?	?	?	?	0.00606062	0.1387	-7.20981	0.341468	0.594704	-1.68151	0.282665	1.80875	1.80875	0.89237	1.07407	1.07407	3.61067	10.3949	3.35876	1
cg00000658	MAN1B1	0.0586118	0.534329	0.910881	-1.09784	0.0922603	0.759687	-1.31633	0.946136	1.01007	1.01007	0.515119	0.906746	-1.10284	0.667335	0.93788	-1.06623	0.0921678	1.31646	1.31646	0.00316424	1.81859	1.81859	0.996258	1.0007	1.0007	0.423528	1.12889	1.12889	3.18707	1.11041	0.309698	1
cg07059784	TIGD1;EIF4E2	0.0586142	0.0213405	0.192538	-5.19379	0.498265	0.664028	-1.50596	0.877494	0.91223	-1.09621	0.238865	0.479694	-2.08466	0.00737061	0.127906	-7.81827	0.112946	0.357922	-2.79391	0.0216848	0.193698	-5.16268	0.155906	0.40491	-2.46968	0.0512206	0.26657	-3.75136	3.18702	17.9011	4.99277	1
cg06401966	FKBP4	0.0586176	0.989938	1.00538	1.00538	0.835039	0.915147	-1.09272	0.28698	1.60022	1.60022	0.00229385	0.163249	-6.12563	0.364298	0.672727	-1.48649	0.227882	0.583785	-1.71296	0.236162	1.69529	1.69529	0.837936	0.916598	-1.09099	0.259827	1.64842	1.64842	3.18695	9.1266	2.54555	1
cg23865240	HOXA1;HOXA1	0.0586192	0.0709115	11.4363	11.4363	0.0154767	36.1246	36.1246	0.0994703	8.85197	8.85197	0.233117	4.52599	4.52599	0.0719116	11.3163	11.3163	0.103206	8.60653	8.60653	0.00812828	59.8527	59.8527	0.0405498	17.3967	17.3967	0.113961	7.97765	7.97765	3.18692	73.6113	20.5315	1
cg14602640	CGB7	0.0586202	0.0320571	0.217148	-4.60516	0.765294	1.19968	1.19968	0.662545	0.765654	-1.30607	0.00222688	0.0739017	-13.5315	0.384394	1.72002	1.72002	0.952562	1.03684	1.03684	0.840535	0.884699	-1.13033	0.332127	0.544207	-1.83754	0.758222	1.20653	1.20653	3.1869	18.664	5.20576	1
cg21454362	IQCE;IQCE	0.0586202	0.0350402	0.311252	-3.21283	0.524815	1.35833	1.35833	0.293304	0.595668	-1.67879	0.609362	0.78277	-1.27751	0.0165779	0.248901	-4.01766	0.118332	0.446726	-2.23851	0.00744089	0.194357	-5.14516	0.096384	0.419975	-2.38109	0.273767	0.582031	-1.71812	3.1869	11.399	3.1794	1
cg05369274	VOPP1	0.058621	0.662073	1.15068	1.15068	0.991885	0.996759	-1.00325	0.0905529	0.551482	-1.8133	0.52489	1.2283	1.2283	0.00625368	3.1178	3.1178	0.500918	0.804108	-1.24361	0.0240156	2.36118	2.36118	0.822477	1.07435	1.07435	0.183505	1.56887	1.56887	3.18688	5.1408	1.43388	1
cg01294811	NDUFS6	0.058622	0.0337839	0.571567	-1.74958	0.356133	0.807194	-1.23886	0.893472	1.0307	1.0307	0.0765738	0.64112	-1.55977	0.50369	0.85801	-1.16549	0.0271335	0.554185	-1.80445	0.844714	1.04525	1.04525	0.12237	1.45911	1.45911	0.0181078	0.523228	-1.91121	3.18686	2.57044	0.716954	1
cg05201344	ATP4B	0.0586222	0.405809	1.17463	1.17463	0.0084776	0.529411	-1.88889	0.0642422	0.67468	-1.48218	0.230592	0.788189	-1.26873	0.307633	1.22123	1.22123	0.0520501	0.658184	-1.51933	0.466006	1.15073	1.15073	0.0949044	0.706567	-1.41529	0.33036	0.826882	-1.20936	3.18685	1.80776	0.504227	1
cg12304599	RERG	0.0586235	0.73122	1.04387	1.04387	0.915626	1.01328	1.01328	0.978903	0.996713	-1.0033	0.145322	0.823086	-1.21494	0.031889	0.731187	-1.36764	0.588529	1.07037	1.07037	0.0164155	0.69411	-1.44069	0.0546632	1.31177	1.31177	0.179803	1.19407	1.19407	3.18683	0.782371	0.218224	1
cg02390084	CCDC91	0.0586237	0.388153	0.785184	-1.27359	0.699399	1.11192	1.11192	0.251449	0.720645	-1.38765	0.453617	0.811613	-1.23211	0.0235622	0.477419	-2.09459	0.0429444	0.528904	-1.8907	0.00665887	0.381854	-2.6188	0.554559	1.17755	1.17755	0.0588427	0.557961	-1.79224	3.18682	3.77336	1.05249	1
cg24227984	HDGF2;HDGF2	0.0586258	0.166262	0.653552	-1.5301	0.373138	0.768403	-1.3014	0.0488354	1.91214	1.91214	0.343781	0.755024	-1.32446	0.0465291	0.518467	-1.92876	0.90894	0.96757	-1.03352	0.0122308	0.406817	-2.45811	0.0626033	0.546749	-1.82899	0.27765	0.722308	-1.38445	3.18678	4.19034	1.16881	1
cg04791842	C16orf53	0.0586267	0.0565454	1.85274	1.85274	0.092415	0.589152	-1.69736	0.186118	0.670022	-1.49249	0.0841696	0.579362	-1.72604	0.0656275	1.80436	1.80436	0.583243	0.853605	-1.1715	0.86064	1.05148	1.05148	0.0323571	0.488812	-2.04578	0.608649	1.15896	1.15896	3.18676	4.11884	1.14888	1
cg04332818	FGF2	0.0586271	0.520691	0.944652	-1.05859	0.40514	1.07734	1.07734	0.372073	1.08345	1.08345	0.28286	1.10251	1.10251	0.0989669	0.853677	-1.1714	0.0486597	0.821232	-1.21768	0.667666	0.962928	-1.0385	0.196383	1.1269	1.1269	0.00918329	1.3355	1.3355	3.18675	0.386047	0.107681	1
cg13575499	MIPOL1	0.058628	0.340572	0.728517	-1.37265	0.853074	1.06161	1.06161	0.0016026	4.30485	4.30485	0.467828	1.26902	1.26902	0.543126	1.21958	1.21958	0.627473	1.17083	1.17083	0.148097	0.606307	-1.64933	0.887587	0.95541	-1.04667	0.986146	0.994416	-1.00562	3.18673	5.24935	1.46422	1
cg05221264	CELA2A	0.0586282	0.10671	0.774065	-1.29188	0.851008	0.973029	-1.02772	0.130865	0.788838	-1.26769	0.615535	0.92902	-1.0764	0.0498993	1.38427	1.38427	0.17907	1.23065	1.23065	0.00893804	1.62186	1.62186	0.888966	0.979893	-1.02052	0.376375	1.1411	1.1411	3.18673	1.06708	0.297645	1
cg18581221	RBM43	0.0586291	0.0285275	0.656735	-1.52268	0.0639524	1.40323	1.40323	0.182667	1.25872	1.25872	0.728821	1.05826	1.05826	0.948507	0.989546	-1.01056	0.37773	0.863067	-1.15866	0.0385972	0.677178	-1.47672	0.946078	1.01107	1.01107	0.0589976	1.41473	1.41473	3.18671	1.33614	0.372699	1
cg03220455	ST6GALNAC2	0.0586301	0.262115	0.620031	-1.61282	0.552174	1.27871	1.27871	0.948833	0.974107	-1.02658	0.559241	1.27302	1.27302	0.246413	0.609271	-1.64131	0.764652	0.884502	-1.13058	0.00209313	0.170403	-5.86846	0.128293	1.95819	1.95819	0.47116	0.741086	-1.34937	3.18669	8.43333	2.35238	1
cg02961978	CSTF1;AURKA;AURKA;AURKA;AURKA;CSTF1;AURKA;AURKA;AURKA;AURKA;AURKA;AURKA;AURKA;AURKA;CST	0.0586307	0.772794	0.971323	-1.02952	0.384309	1.0938	1.0938	0.00749931	1.41329	1.41329	0.455986	0.926528	-1.0793	0.828613	1.02203	1.02203	0.0175237	1.3372	1.3372	0.222903	0.879213	-1.13738	0.218836	1.13881	1.13881	0.118363	1.18579	1.18579	3.18667	0.509847	0.142217	1
cg14276379	C9orf3	0.0586314	0.122828	0.447211	-2.23608	0.262639	1.75447	1.75447	0.178034	0.502143	-1.99147	0.236101	0.550132	-1.81774	0.274212	0.578312	-1.72917	0.184808	1.96793	1.96793	0.00657864	0.182924	-5.46675	0.266171	1.74662	1.74662	0.193917	0.51603	-1.93787	3.18666	11.6932	3.26171	1
cg18778658	EHMT2;EHMT2	0.0586317	0.327864	0.767348	-1.30319	0.291761	0.750644	-1.33219	0.771486	1.07935	1.07935	0.0396142	0.535824	-1.86629	0.0481903	0.5532	-1.80767	0.00404074	0.363348	-2.75218	0.726422	0.91201	-1.09648	0.368183	1.27425	1.27425	0.15145	0.668312	-1.49631	3.18665	3.46973	0.967851	1
cg25969082	INS;INS-IGF2;INS-IGF2	0.0586325	0.107306	0.733715	-1.36293	0.908459	0.979942	-1.02047	0.265304	0.815061	-1.2269	0.0502732	0.674949	-1.48159	0.91454	1.01909	1.01909	0.294108	1.2113	1.2113	0.00572875	1.8928	1.8928	0.583891	1.10234	1.10234	0.65536	0.923916	-1.08235	3.18664	1.56605	0.43684	1
cg16621364	PCDHGA4;PCDHGA2;PCDHGA5;PCDHGB2;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA5	0.0586336	0.0159902	4.8934	4.8934	0.0999381	2.6394	2.6394	0.755209	1.18339	1.18339	0.408248	1.5768	1.5768	0.397826	1.59374	1.59374	0.119476	2.4833	2.4833	0.00375599	8.2162	8.2162	0.0532197	3.26235	3.26235	0.732268	1.20308	1.20308	3.18661	14.6284	4.08053	1
cg02252265	TMEM201;TMEM201	0.0586342	0.716784	0.944229	-1.05907	0.00757137	0.582082	-1.71797	0.154566	0.786606	-1.27128	0.800653	1.04066	1.04066	0.37418	0.866156	-1.15453	0.0758649	1.36508	1.36508	0.216087	1.2276	1.2276	0.853062	1.02964	1.02964	0.0560834	0.711171	-1.40613	3.1866	1.2523	0.349325	1
cg09863659	TPX2	0.058635	0.0799975	0.535958	-1.86582	0.0819474	0.538557	-1.85681	0.00433823	0.294064	-3.40062	0.147306	0.606972	-1.64752	0.3947	0.755862	-1.32299	0.862751	0.945959	-1.05713	0.0103994	0.354872	-2.81792	0.45042	0.781208	-1.28007	0.364016	0.741181	-1.3492	3.18658	5.20284	1.45132	1
cg08194377	ANKS1A	0.0586365	0.101806	0.41662	-2.40027	0.0610287	0.356253	-2.807	0.0377561	0.307912	-3.24768	0.144593	0.464839	-2.15128	0.0236258	0.266842	-3.74754	0.193508	0.510368	-1.95937	0.00590541	0.171919	-5.8167	0.0799948	0.386879	-2.58478	0.121695	0.440344	-2.27095	3.18655	12.0613	3.36451	1
cg24028350	UBP1;UBP1;UBP1	0.0586367	0.119474	0.744913	-1.34244	0.266703	0.817336	-1.22349	0.00674298	0.542129	-1.84458	0.455969	0.876038	-1.1415	0.0644003	1.43644	1.43644	0.311421	1.20026	1.20026	0.79747	0.956166	-1.04584	0.118217	0.744038	-1.34402	0.549419	1.11135	1.11135	3.18655	1.5333	0.427716	1
cg04879722	ZBTB20;ZBTB20	0.0586385	0.0625865	0.432741	-2.31085	0.0262326	2.86886	2.86886	0.824643	1.09276	1.09276	0.852934	0.92851	-1.07699	0.967283	1.01653	1.01653	0.161573	1.81758	1.81758	0.365442	1.45018	1.45018	0.0114598	3.54127	3.54127	0.296785	0.64896	-1.54093	3.18651	8.06298	2.2492	1
cg05547140	AGBL2	0.0586388	0.338205	0.599378	-1.6684	0.199634	2.01891	2.01891	0.899783	0.936765	-1.0675	0.412833	0.647857	-1.54355	0.0219241	4.15982	4.15982	?	?	?	0.617201	1.29857	1.29857	0.0289529	0.263148	-3.80015	0.0699677	0.349765	-2.85906	3.2311	12.2274	3.78428	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21667069	ALDH3B1;ALDH3B1;ALDH3B1	0.0586397	0.0222644	0.241406	-4.1424	0.0228445	0.243442	-4.10776	0.115006	0.411044	-2.43283	0.169376	0.467918	-2.13712	0.00607342	0.155887	-6.41489
cg13121428	TGFB3	0.0586397	0.0440356	2.52378	2.52378	0.143577	1.87527	1.87527	0.00852002	3.83114	3.83114	0.339919	1.48216	1.48216	0.85479	1.07605	1.07605
cg19036219	ZNF546	0.0586399	0.391875	0.932041	-1.07291	0.0362926	1.21566	1.21566	0.320487	0.920944	-1.08584	0.427339	0.937049	-1.06718	0.512768	0.948136	-1.0547
cg10288772	NR3C2;NR3C2;NR3C2;NR3C2	0.0586404	0.769959	0.935758	-1.06865	0.00199137	2.68723	2.68723	0.187266	1.3723	1.3723	0.855204	0.959481	-1.04223	0.762787	0.933752	-1.07095
cg09562539	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.0586429	0.528626	1.28687	1.28687	0.0125038	0.293002	-3.41295	0.239561	1.62672	1.62672	0.0487223	2.43363	2.43363	0.173028	0.563916	-1.77331
cg18400281	KIAA1217;KIAA1217;KIAA1217	0.0586436	0.0143849	0.093353	-10.712	0.0110185	0.0815496	-12.2625	0.0936027	0.234716	-4.26046	0.391694	0.501693	-1.99325	0.0404321	0.155606	-6.42651
cg03004102	CD34;CD34	0.0586447	0.533462	0.852139	-1.17352	0.101239	1.5766	1.5766	0.110073	1.55556	1.55556	0.648039	0.889944	-1.12367	0.140897	1.49449	1.49449
cg10537555	CHD5	0.0586454	0.0261468	12.1266	12.1266	0.0337624	10.4273	10.4273	0.127847	4.74358	4.74358	0.0649974	7.09561	7.09561	0.0329955	10.5694	10.5694
cg23599820	KIAA0195	0.0586474	0.248685	1.98701	1.98701	0.00244719	11.0291	11.0291	0.0360362	4.00922	4.00922	0.50455	1.47052	1.47052	0.238168	2.02096	2.02096
cg12226826	MTMR1	0.0586483	0.0387181	2.42731	2.42731	0.819362	1.08843	1.08843	0.856554	0.935169	-1.06933	0.576057	1.23277	1.23277	0.0215209	0.359583	-2.781
cg08029231	HCCA2	0.0586483	0.506314	1.37577	1.37577	0.0035493	6.48475	6.48475	0.34577	1.58309	1.58309	0.0855901	2.45711	2.45711	0.403363	0.66727	-1.49864
cg15485440	BAT4;BAT4;CSNK2B	0.0586485	0.0517137	0.689469	-1.45039	0.00324193	1.96263	1.96263	0.439778	1.14147	1.14147	0.842542	1.03396	1.03396	0.565404	0.907024	-1.10251
cg16646384	ACAD11;UBA5;ACAD11;UBA5	0.0586487	0.0667527	0.723565	-1.38205	0.134764	1.28894	1.28894	0.282652	1.19213	1.19213	0.268201	0.833979	-1.19907	0.767024	1.04788	1.04788
cg07565021	THOC4	0.0586495	0.11327	0.490581	-2.0384	0.0398873	0.374725	-2.66863	0.794404	1.11395	1.11395	0.226594	0.591779	-1.68982	0.00654386	0.232294	-4.30489
cg05899103	LOC390595	0.05865	0.0572126	3.91804	3.91804	0.0501335	4.12746	4.12746	0.311482	1.94381	1.94381	0.116094	2.95655	2.95655	0.0436305	4.35978	4.35978
cg05587419	TRPV4;TRPV4	0.0586524	0.0397685	0.472273	-2.11742	0.461411	0.789292	-1.26696	0.194495	0.648482	-1.54206	0.317408	0.721701	-1.38562	0.0537568	0.501009	-1.99597
cg06319033	FBXL2	0.0586531	0.896737	1.0336	1.0336	0.207048	0.712695	-1.40312	0.776406	1.07517	1.07517	0.561209	1.16131	1.16131	0.366252	0.789559	-1.26653
cg20107653	SREBF2	0.0586532	0.0632725	0.783659	-1.27607	0.875418	0.981855	-1.01848	0.0394676	1.32049	1.32049	0.160082	0.839313	-1.19145	0.254543	0.870359	-1.14895
cg00706913	PRDM16;PRDM16	0.058656	0.0827575	0.7185	-1.39179	0.692062	1.0709	1.0709	0.0227994	0.625727	-1.59814	0.169068	0.777163	-1.28673	0.474608	0.882394	-1.13328
cg17832704	SHBG;FXR2	0.0586564	0.0282805	0.177479	-5.63447	0.539755	1.51355	1.51355	0.947184	0.956735	-1.04522	0.147056	0.353855	-2.82602	0.123427	0.328219	-3.04674
cg05898545	DIP2C;C10orf108	0.0586566	0.0146914	0.237124	-4.2172	0.181629	0.506908	-1.97274	0.0621287	0.365568	-2.73547	0.635774	1.25685	1.25685	0.0268252	0.28459	-3.51383
cg13145591	IRF7;IRF7;IRF7	0.0586575	0.195569	0.137467	-7.27446	0.183638	0.129376	-7.72943	0.42618	0.307912	-3.24768	0.299411	4.75449	4.75449	0.0510322	0.0398843	-25.0725
cg18266594	THRB;THRB;THRB	0.0586581	0.0809482	0.547235	-1.82737	0.649978	0.867336	-1.15296	0.110817	0.582014	-1.71817	0.313062	0.722468	-1.38414	0.0029559	0.280481	-3.56531
cg26254193	ARNTL2	0.0586585	0.937323	1.01865	1.01865	0.715845	0.917709	-1.08967	0.605436	1.13022	1.13022	0.945767	1.01611	1.01611	0.00338665	0.392222	-2.54958
cg14192087	TPBG	0.0586586	0.0170149	3.5888	3.5888	0.109365	2.15246	2.15246	0.420359	1.43551	1.43551	0.613297	1.25081	1.25081	0.929863	0.962079	-1.03942
cg03255741	SMAD4;SMAD4	0.0586589	?	?	?	0.751626	0.799057	-1.25148	?	?	?	0.386816	1.88826	1.88826	?	?	?
cg20795863	NEU2	0.0586595	0.307656	0.6013	-1.66306	0.00445088	0.160783	-6.21957	0.193737	0.51563	-1.93938	0.0554912	0.351539	-2.84463	0.11274	0.435353	-2.29699
cg21747442	LPCAT1	0.0586607	0.0191795	0.55619	-1.79795	0.808993	1.05141	1.05141	0.0181156	0.552042	-1.81146	0.722283	1.07667	1.07667	0.00974413	0.508267	-1.96747
cg14423617	SERPINA5	0.0586621	0.722909	1.12486	1.12486	0.981133	0.992215	-1.00785	0.0206473	0.398068	-2.51213	0.291533	1.43577	1.43577	0.534736	0.812391	-1.23093
cg18613390	ARVCF	0.0586624	0.152828	0.510467	-1.95899	0.137096	0.494955	-2.02038	0.0854801	0.433927	-2.30454	0.426668	0.700152	-1.42826	0.0507278	0.376195	-2.6582
cg18259290	BLCAP;BLCAP;BLCAP;BLCAP	0.0586651	0.0137093	1.29219	1.29219	0.708885	1.03205	1.03205	0.607442	1.04455	1.04455	0.984223	1.00166	1.00166	0.671778	1.03649	1.03649
cg13051302	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0586654	0.013885	0.296108	-3.37715	0.945343	0.972923	-1.02783	0.355461	0.683469	-1.46312	0.0583898	0.424732	-2.35442	0.380813	0.697735	-1.43321
cg08433293	FANCI;FANCI	0.0586664	0.106023	2.04511	2.04511	0.0674479	2.29423	2.29423	0.161994	1.83149	1.83149	0.411384	1.40553	1.40553	0.111985	2.01656	2.01656
cg09516237	C2orf48	0.0586674	0.146049	0.52478	-1.90556	0.352987	1.48421	1.48421	0.612244	0.809617	-1.23515	0.164968	0.542255	-1.84415	0.0123647	0.276159	-3.6211
cg18141891	MIR136;RTL1;MIR432	0.0586688	0.724604	1.12278	1.12278	0.0028622	0.260965	-3.83193	0.212394	0.65051	-1.53725	0.615019	0.847035	-1.18059	0.174724	0.62339	-1.60413
cg15910949	CAV3;CAV3	0.058669	0.505078	1.23146	1.23146	0.0666495	0.530973	-1.88334	0.0203327	0.422738	-2.36553	0.285038	0.710464	-1.40753	0.50305	1.23272	1.23272
cg21694044	SLC25A17	0.0586696	0.172692	1.16688	1.16688	0.902741	0.987083	-1.01309	0.113224	1.20118	1.20118	0.745201	1.03529	1.03529	0.143256	0.84596	-1.18209
cg01397939	PTGER1	0.0586701	0.110091	2.51558	2.51558	0.0033042	8.32914	8.32914	0.142674	2.30399	2.30399	0.34033	1.68292	1.68292	0.0639584	3.01289	3.01289
cg07093485	RBBP6;RBBP6;RBBP6;RBBP6;RBBP6;RBBP6	0.0586705	0.516165	1.12271	1.12271	0.0149669	0.590969	-1.69214	0.494285	0.885116	-1.1298	0.0474713	0.671234	-1.48979	0.0178718	0.602829	-1.65884
cg20106459	COX6B2;COX6B2	0.0586706	0.191355	2.8078	2.8078	0.103647	3.77435	3.77435	0.931833	0.938147	-1.06593	0.65209	1.40315	1.40315	0.0601088	0.20542	-4.86807
cg02793451	TOX3;TOX3	0.0586719	0.00277037	0.178169	-5.61264	0.461152	1.36837	1.36837	0.451933	0.725893	-1.37761	0.561635	0.782454	-1.27803	0.0810742	0.445518	-2.24458
cg15658487	PTCHD2	0.0586722	0.040569	0.289245	-3.45727	0.139796	0.434569	-2.30113	0.349874	1.65658	1.65658	0.62203	0.770552	-1.29777	0.613354	1.30639	1.30639
cg00684824	COL21A1	0.0586731	0.0281287	10.3193	10.3193	0.0455366	7.8779	7.8779	0.246096	2.97981	2.97981	0.251998	2.93622	2.93622	0.173757	3.67893	3.67893
cg10952801	PLEKHM1;PLEKHM1;PLEKHM1	0.0586757	0.283358	0.748411	-1.33616	0.480187	0.829778	-1.20514	0.0998829	1.59808	1.59808	0.466984	0.824938	-1.21221	0.0483161	0.556188	-1.79795
cg06872356	BMP2K;BMP2K	0.0586775	0.870295	0.978733	-1.02173	0.0295803	0.713929	-1.4007	0.0142477	0.67187	-1.48838	0.00623834	0.62567	-1.59829	0.080368	0.774797	-1.29066
cg17025892	SLC25A13;SLC25A13;SLC25A13	0.0586784	0.309082	1.13475	1.13475	0.0395066	1.33104	1.33104	0.00381222	1.59763	1.59763	0.574553	0.934158	-1.07048	0.30845	0.881099	-1.13495
cg02855981	KIF3C	0.0586789	0.429277	1.60347	1.60347	0.00227281	12.1602	12.1602	0.00976442	6.76803	6.76803	0.210314	2.16514	2.16514	0.508663	1.48045	1.48045
cg01132100	SNORD2;EIF4A2	0.0586793	0.101802	1.42573	1.42573	0.01169	1.86622	1.86622	0.463605	1.1592	1.1592	0.514506	1.13985	1.13985	0.108277	1.41475	1.41475
cg24972080	FRMD8;FRMD8	0.0586798	0.657579	1.07622	1.07622	0.119393	1.32083	1.32083	0.0882686	1.36302	1.36302	0.188573	1.25782	1.25782	0.00649378	0.558486	-1.79056
cg19182468	MRPS18B;PPP1R10	0.0586805	0.0873561	0.602051	-1.66099	0.739048	1.09404	1.09404	0.0161837	2.2053	2.2053	0.747405	0.916792	-1.09076	0.504922	1.19949	1.19949
cg21344989	PLEKHH2	0.0586807	0.0783832	0.791048	-1.26415	0.119271	1.22466	1.22466	0.319033	0.883864	-1.1314	0.0333945	1.34718	1.34718	0.196302	0.848917	-1.17797
cg05769975	KNG1;KNG1	0.0586817	0.362403	0.815545	-1.22617	0.203545	0.746534	-1.33952	0.011064	0.499571	-2.00172	0.954259	0.987584	-1.01257	0.21164	1.33189	1.33189
cg08234354	EYA1;EYA1;EYA1;EYA1	0.0586834	0.0128179	0.134883	-7.41383	0.0195041	0.160459	-6.23213	0.0678233	0.265615	-3.76485	0.141617	0.359053	-2.7851	0.167931	0.385802	-2.59201
cg07007807	RNFT2;C12orf49;RNFT2;RNFT2	0.0586842	0.950554	1.01935	1.01935	0.365217	0.750149	-1.33307	0.72463	1.11549	1.11549	0.405674	1.30067	1.30067	0.571388	1.19332	1.19332
cg24825210	MS4A10	0.0586847	0.00647197	0.343492	-2.91128	0.346486	0.746289	-1.33996	0.0390447	0.486245	-2.05658	0.121159	0.60212	-1.6608	0.0125962	0.392004	-2.551
cg27086672	SUV420H1;SUV420H1	0.0586848	0.190978	0.699998	-1.42858	0.829734	0.946036	-1.05704	0.995151	0.998436	-1.00157	0.579219	1.15522	1.15522	0.0160611	0.468125	-2.13618
cg22559013	MGC27382	0.0586862	0.141276	2.214	2.214	0.0071051	5.73823	5.73823	0.291782	1.73247	1.73247	0.371521	0.63067	-1.58562	0.94997	1.03203	1.03203
cg10769989	LOC284379	0.058687	0.788281	1.17017	1.17017	0.0145864	0.172693	-5.79062	0.0451868	0.261427	-3.82516	0.128265	0.382929	-2.61145	0.0718026	0.309277	-3.23335
cg00239025	CIAO1	0.0586916	0.848921	0.892522	-1.12042	0.00951192	0.141068	-7.08879	0.128282	0.375231	-2.66503	0.176908	0.424953	-2.3532	0.00511815	0.110225	-9.07233
cg09115473	TRIO	0.0586917	0.888108	1.02637	1.02637	0.0080737	0.533996	-1.87267	0.469279	0.87272	-1.14584	0.0888294	1.4149	1.4149	0.495307	0.879824	-1.13659
cg10248617	BCAR4;BCAR4	0.058693	0.0708631	0.567189	-1.76308	0.0562945	0.544822	-1.83546	0.0928207	0.594763	-1.68134	0.0188141	0.449486	-2.22476	0.00399842	0.337254	-2.96513
cg24295424	NUAK1	0.0586935	0.848695	1.05439	1.05439	0.0844454	1.69762	1.69762	0.516506	1.20008	1.20008	0.535883	0.840446	-1.18984	0.86377	0.953499	-1.04877
cg01067010	NTM;NTM;NTM;NTM	0.0586943	0.579225	1.16381	1.16381	0.647788	1.13266	1.13266	0.0286561	2.01197	2.01197	0.0246536	2.06396	2.06396	0.168324	0.67194	-1.48823
cg20522387	PTPRG	0.0586951	0.457984	1.21328	1.21328	0.422161	1.23336	1.23336	0.688271	1.10868	1.10868	0.118905	1.54182	1.54182	0.223197	0.720799	-1.38735
cg07507493	UCKL1;MIR1914;MIR647	0.0586951	0.491894	1.29047	1.29047	0.00433905	4.02499	4.02499	0.020043	2.78726	2.78726	0.623157	0.834496	-1.19833	0.881687	1.05591	1.05591
cg12868305	ZNF433;ZNF433	0.0586968	0.0935818	0.811619	-1.23211	0.455509	0.917568	-1.08984	0.381368	0.903373	-1.10696	0.378307	0.902751	-1.10773	0.651585	0.949851	-1.0528
cg00815770	CXorf58;APOO;APOO;CXorf58	0.058697	0.0148162	0.200509	-4.98731	0.394954	1.57357	1.57357	0.619052	1.29716	1.29716	0.189433	2.06905	2.06905	0.0684813	0.340874	-2.93364
cg12475142	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.058697	0.789719	1.25338	1.25338	0.344711	2.27589	2.27589	0.255836	2.7245	2.7245	0.57419	1.61562	1.61562	0.0325404	0.120732	-8.28283
cg01510813	CREG1	0.0586973	0.287164	0.752246	-1.32935	0.107151	1.57307	1.57307	0.165596	1.46364	1.46364	0.696359	1.1063	1.1063	0.0432556	0.549403	-1.82016
cg25717844	GAL3ST4	0.058699	0.526315	1.15011	1.15011	0.0261087	1.77711	1.77711	0.116492	1.44995	1.44995	0.0429097	0.601974	-1.6612	0.321713	1.24982	1.24982
cg03342084	ALKBH3	0.0587003	0.479912	1.88041	1.88041	0.136594	4.14964	4.14964	0.411234	2.09494	2.09494	0.894323	0.889956	-1.12365	0.970678	1.03277	1.03277
cg06371658	TATDN2	0.0587009	0.777169	1.08693	1.08693	0.0189414	0.433921	-2.30457	0.0109654	0.391476	-2.55444	0.314673	1.35727	1.35727	0.145364	0.631681	-1.58308
cg16923670	USF2;USF2;USF2;USF2	0.058701	0.350947	0.846377	-1.18151	0.22235	1.24958	1.24958	0.302622	0.830671	-1.20385	0.0237536	1.59826	1.59826	0.0432375	1.49779	1.49779
cg06572160	KCNC3	0.058702	0.0543838	9.46235	9.46235	0.416376	2.35175	2.35175	0.198357	4.05315	4.05315	0.0473719	10.3353	10.3353	0.857374	0.830933	-1.20347
cg20785796	SATB2	0.0587037	0.0496337	9.48408	9.48408	0.964449	1.04579	1.04579	0.99428	0.992825	-1.00723	0.278672	0.322577	-3.10004	0.0269883	13.8821	13.8821
cg18070033	NHEJ1	0.0587043	0.771802	0.961783	-1.03974	0.977997	1.0037	1.0037	0.0141315	1.5005	1.5005	0.98801	1.00202	1.00202	0.705657	0.950426	-1.05216
cg13677598	DLG3;DLG3	0.0587044	0.939811	0.952805	-1.04953	0.291825	0.49648	-2.01418	0.392915	0.571041	-1.75119	0.952084	1.03922	1.03922	0.703248	0.782685	-1.27765
cg20598768	C1orf43;C1orf43;UBAP2L;UBAP2L;C1orf43;C1orf43;C1orf43;C1orf43	0.0587051	0.741037	1.04331	1.04331	0.0516598	1.32727	1.32727	0.799987	0.968067	-1.03299	0.281179	1.15394	1.15394	0.499729	1.09153	1.09153
cg11840168	RBBP8;RBBP8;RBBP8;RBBP8	0.0587061	0.670952	1.06336	1.06336	0.0952127	1.30156	1.30156	0.0139468	1.54744	1.54744	0.219849	1.20379	1.20379	0.375975	1.13954	1.13954
cg15044270	TM4SF19	0.0587087	0.136067	0.416865	-2.39886	0.564974	0.728397	-1.37288	0.0805196	0.347854	-2.87477	0.461671	0.664838	-1.50413	0.0276464	0.242088	-4.13072
cg06366791	ATG4C;ATG4C	0.0587097	0.663322	0.764595	-1.30788	0.672769	1.29733	1.29733	0.17335	0.411587	-2.42962	0.144509	2.61288	2.61288	0.0344605	0.22062	-4.53269
cg00684497	PRRT4	0.0587115	0.652991	1.09259	1.09259	0.00220929	2.31477	2.31477	0.0495669	1.55017	1.55017	0.122645	1.38721	1.38721	0.196886	1.30597	1.30597
cg05690808	NECAB2	0.0587117	0.0413954	0.467772	-2.13779	0.368871	0.742235	-1.34728	0.147998	0.605767	-1.6508	0.669683	0.870577	-1.14866	0.00456349	0.295236	-3.38712
cg25159927	MON1A;MON1A	0.0587121	0.0896387	5.99456	5.99456	0.0362479	10.2814	10.2814	0.0870825	6.09966	6.09966	0.644132	1.56077	1.56077	0.25587	0.321372	-3.11166
cg23365832	TPST2;TPST2	0.0587133	0.451363	1.13984	1.13984	0.0438226	1.49606	1.49606	0.0922231	1.3771	1.3771	?	?	?	?	?	?
cg14084448	ARMCX4	0.0587138	0.564553	1.31273	1.31273	0.184519	0.518085	-1.93018	0.738571	0.855135	-1.16941	0.271123	1.70796	1.70796	0.00652447	0.19177	-5.21458
cg14499563	CCNA1;CCNA1;CCNA1;CCNA1	0.0587159	0.584868	0.840791	-1.18936	0.0309978	0.451107	-2.21677	0.384394	0.755515	-1.3236	0.141057	1.6448	1.6448	0.497765	0.80543	-1.24157
cg26961622	SDC1;SDC1	0.0587166	0.840385	1.03563	1.03563	0.719733	1.06455	1.06455	0.00386955	0.50886	-1.96518	0.115229	1.34626	1.34626	0.447258	1.14395	1.14395
cg22780675	RHOBTB3	0.0587185	0.121376	0.4243	-2.35682	0.00668469	0.165954	-6.02577	0.0602858	0.339043	-2.94948	0.176236	2.08338	2.08338	0.129885	0.433793	-2.30525
cg20592124	CEP68	0.0587188	0.0471657	0.46542	-2.1486	0.388413	1.3467	1.3467	0.048962	2.13187	2.13187	0.0961459	1.85012	1.85012	0.187619	0.624862	-1.60035
cg10660256	BHMT;BHMT	0.0587228	0.0614473	11.3659	11.3659	0.0304694	18.7972	18.7972	0.187327	5.01344	5.01344	0.116714	7.14338	7.14338	0.0355069	16.8392	16.8392
cg25034856	11-Sep	0.0587242	0.117732	1.61903	1.61903	0.174994	0.664234	-1.50549	0.200793	0.681662	-1.467	0.823688	0.938672	-1.06534	0.107637	1.64539	1.64539
cg00540587	HDAC4	0.058725	0.0363989	0.690253	-1.44874	0.633909	1.07586	1.07586	0.83887	1.03152	1.03152	0.937182	0.988059	-1.01209	0.00374834	0.550781	-1.8156
cg22495068	NCRNA00162	0.0587256	0.182805	0.816436	-1.22484	0.0081688	0.615317	-1.62518	0.546483	1.0915	1.0915	0.937242	1.01136	1.01136	0.966733	0.994035	-1.006
cg11070388	MORN1	0.0587267	0.0061196	0.203126	-4.92305	0.0188293	0.281465	-3.55283	0.0838342	0.426402	-2.34521	0.551441	1.30795	1.30795	0.160375	0.512651	-1.95064
cg02783232	C16orf35;C16orf35	0.0587275	0.195974	0.72304	-1.38305	0.0645959	1.63608	1.63608	0.102202	1.52832	1.52832	0.473963	0.841388	-1.18851	0.0815325	0.632641	-1.58068
cg01022840	MAP3K9	0.0587281	0.983152	1.00681	1.00681	0.306953	0.71167	-1.40515	0.0657382	0.514731	-1.94276	0.0985649	0.558459	-1.79064	0.678944	0.874715	-1.14323
cg11979846	ZNF124	0.0587283	0.0195047	0.387344	-2.58169	0.233291	0.657154	-1.52171	0.24643	0.665514	-1.5026	0.0584481	0.487589	-2.05091	0.0216198	0.395896	-2.52592
cg15159111	NPAS2	0.0587285	0.25516	1.33979	1.33979	0.00363738	2.63457	2.63457	0.204825	1.39015	1.39015	0.709949	1.09635	1.09635	0.0669366	0.603098	-1.6581
cg14443470	FAM125B	0.0587289	0.290375	0.587089	-1.70332	0.00346593	6.86184	6.86184	0.916459	0.950349	-1.05225	0.431638	1.47631	1.47631	0.769038	1.15363	1.15363
cg27227183	FMN1	0.0587304	0.324717	0.76962	-1.29934	0.0264812	0.507941	-1.96873	0.0148942	0.462504	-2.16214	0.664153	1.11905	1.11905	0.619649	1.1375	1.1375
cg13676312	DPT	0.0587305	0.092575	0.590137	-1.69452	0.944871	0.980488	-1.0199	0.414627	0.788512	-1.26821	0.50487	0.824641	-1.21265	0.00217255	0.293535	-3.40674
cg00745838	TMEM203;NDOR1;NDOR1;NDOR1;NDOR1	0.0587307	0.0419808	0.684678	-1.46054	0.0707387	1.38596	1.38596	0.575725	0.912662	-1.0957	0.0916205	0.74065	-1.35017	0.0251161	0.650128	-1.53816
cg05773164	SYT1;SYT1;SYT1	0.0587322	0.24326	0.806217	-1.24036	0.144914	0.75867	-1.3181	0.0587936	0.686231	-1.45723	0.230101	0.800815	-1.24873	0.16481	0.769955	-1.29878
cg16519842	HIST2H2BF	0.0587324	0.57726	1.21803	1.21803	0.013337	2.92639	2.92639	0.255022	1.51627	1.51627	0.206471	1.59477	1.59477	0.888861	1.0502	1.0502
cg24948189	LYZL2	0.0587328	0.215906	0.566327	-1.76577	0.231604	0.578242	-1.72938	0.0959488	0.45012	-2.22163	0.226325	0.574287	-1.74129	0.00342958	0.17629	-5.67246
cg02728629	MYOD1	0.0587334	0.034299	2.39705	2.39705	0.720129	0.880402	-1.13585	0.533274	1.25033	1.25033	0.182252	0.605795	-1.65072	0.0845677	0.508942	-1.96486
cg11201837	PRG3	0.0587336	0.0806908	2.8244	2.8244	0.01927	4.56012	4.56012	0.617998	0.763777	-1.30928	0.211064	2.02644	2.02644	0.0542062	3.22558	3.22558
cg20989899	PARD6G;LOC100130522;LOC100130522	0.058734	0.519241	0.918295	-1.08897	0.836722	0.973438	-1.02729	0.19156	0.834959	-1.19766	0.717143	1.04861	1.04861	0.0915607	0.784764	-1.27427
cg17292758	PPFIA3	0.0587344	0.144782	2.29171	2.29171	0.0290129	3.90705	3.90705	0.131835	2.36614	2.36614	0.145234	2.28927	2.28927	0.509833	1.42478	1.42478
cg00118507	MOV10;MOV10	0.0587354	0.0880529	0.539809	-1.85251	0.52182	1.23694	1.23694	0.0325226	0.440602	-2.26962	0.919203	1.03379	1.03379	0.0107642	0.350128	-2.8561
cg26345037	TFIP11;TFIP11	0.058737	0.0183111	0.648355	-1.54236	0.818341	0.965782	-1.03543	0.0752044	0.740949	-1.34962	0.0781606	0.743655	-1.34471	0.0693424	0.735294	-1.36
cg02616434	BEND2;BEND2	0.0587375	0.871628	0.953823	-1.04841	0.662535	0.879522	-1.13698	0.0143349	0.413682	-2.41732	0.338301	0.749342	-1.3345	0.00785422	0.368916	-2.71065
cg27316811	IFT140	0.0587379	0.363164	1.29498	1.29498	0.425196	0.798325	-1.25262	0.00739572	0.385009	-2.59734	0.584998	0.858536	-1.16477	0.857377	1.05101	1.05101
cg12548629	CDK6;CDK6	0.0587385	?	?	?	0.0263423	0.204649	-4.88641	?	?	?	?	?	?	0.508617	0.748323	-1.33632
cg26346197	SNX18;SNX18;SNX18	0.0587396	0.0264007	0.461555	-2.16659	0.799917	1.07744	1.07744	0.886138	1.04297	1.04297	0.183445	0.660685	-1.51358	0.155049	0.639614	-1.56344
cg26502666	SPDYA;SPDYA	0.0587399	0.0491044	11.1288	11.1288	0.0949454	7.15919	7.15919	0.235618	3.79338	3.79338	0.13166	5.72966	5.72966	0.0746577	8.41481	8.41481
cg19813025	ADAMTS16	0.05874	0.0290533	8.01268	8.01268	0.594067	1.54512	1.54512	0.155407	3.41999	3.41999	0.748889	1.29663	1.29663	0.862559	0.869224	-1.15045
cg03385696	YWHAG	0.0587424	0.247929	2.05895	2.05895	0.813069	1.15215	1.15215	0.323691	0.543665	-1.83937	0.986191	1.0104	1.0104	0.0332103	0.225738	-4.42991
cg01806192	GXYLT2	0.0587426	0.00383304	0.332453	-3.00795	0.343259	0.758923	-1.31766	0.232161	0.701858	-1.42479	0.0614939	0.551474	-1.81332	0.0301151	0.486474	-2.05561
cg27009036	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.0587438	0.00929103	0.64919	-1.54038	0.249334	0.854181	-1.17071	0.0710479	0.767984	-1.30211	0.510995	1.0912	1.0912	0.178385	1.20584	1.20584
cg25165060	TMTC1	0.0587442	0.0175375	0.239813	-4.16992	?	?	?	0.482381	1.42289	1.42289	0.985973	0.991354	-1.00872	0.0247758	0.267089	-3.74407
cg00428692	LRRC14B	0.0587482	0.0943333	0.45145	-2.21509	0.0133898	0.26592	-3.76053	0.0608139	0.40095	-2.49408	0.145635	0.50884	-1.96526	0.00904278	0.238153	-4.19898
cg05358168	CCDC151;PRKCSH;PRKCSH	0.0587501	0.283977	0.886364	-1.12821	0.626006	1.05467	1.05467	0.55544	1.06677	1.06677	0.0687926	0.801938	-1.24698	0.607136	0.945345	-1.05781
cg03806828	RAB21	0.0587509	0.394849	0.874466	-1.14355	0.0843917	1.34159	1.34159	0.135906	1.28064	1.28064	0.235379	0.825778	-1.21098	0.226108	0.822299	-1.2161
cg16703647	CRABP1	0.0587518	0.217107	0.716122	-1.39641	0.26124	1.35155	1.35155	0.736896	0.916952	-1.09057	0.852827	1.04891	1.04891	0.694096	0.903358	-1.10698
cg12801256	ST6GAL2;ST6GAL2;ST6GAL2	0.0587519	0.92491	0.984392	-1.01586	0.103626	1.34581	1.34581	0.0629795	1.41769	1.41769	0.187196	1.26272	1.26272	0.362809	1.16891	1.16891
cg01957432	PWWP2A;PWWP2A	0.0587558	0.179871	0.754203	-1.3259	0.988379	0.99712	-1.00289	0.604079	0.901583	-1.10916	0.340563	0.823234	-1.21472	0.0604359	0.657489	-1.52094
cg03755098	CTH;CTH	0.058756	0.0156953	0.147879	-6.76229	0.542048	0.671409	-1.48941	?	?	?	0.352338	0.539155	-1.85476	?	?	?
cg01099512	CTSG	0.0587566	0.0595251	0.227919	-4.38753	0.430819	1.74909	1.74909	0.0578354	0.2251	-4.44247	0.823445	0.85609	-1.1681	0.00469405	0.0733232	-13.6382
cg10432364	AK5;AK5	0.0587572	0.117996	0.736384	-1.35799	0.48621	0.880248	-1.13604	0.0155323	0.585647	-1.70751	0.71982	0.93713	-1.06709	0.0227073	0.61161	-1.63503
cg08509383	DDAH2	0.0587592	0.0264236	2.18632	2.18632	0.0319343	2.11076	2.11076	0.018775	2.3307	2.3307	0.751327	0.909849	-1.09908	0.468776	0.803281	-1.24489
cg15696408	PEG10;PEG10	0.0587605	0.079462	1.43387	1.43387	0.403381	0.853598	-1.17151	0.0219162	0.601088	-1.66365	0.350658	1.19462	1.19462	0.338469	1.2004	1.2004
cg13910830	ELL2;ELL2	0.0587617	0.460763	0.864336	-1.15696	0.0895121	0.69526	-1.43831	0.0874859	0.693323	-1.44233	0.143642	0.737074	-1.35672	0.0240766	0.593116	-1.68601
cg17170942	UMPS	0.0587632	0.0330803	0.206499	-4.84264	0.0150196	0.150704	-6.63552	0.055075	0.252357	-3.96264	0.323845	0.524639	-1.90607	0.0161563	0.155214	-6.44271

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21667069	0.164962	0.463734	-2.15641	0.778822	1.15727	1.15727	0.197138	0.492958	-2.02857	0.233221	0.522869	-1.91252	3.18648	13.5817	3.7887	1
cg13121428	0.536667	1.28442	1.28442	0.03077	2.75933	2.75933	0.0236723	2.94664	2.94664	0.0451261	2.50848	2.50848	3.18648	8.07786	2.25337	1
cg19036219	0.0923547	0.861896	-1.16023	0.464005	1.06162	1.06162	0.549278	0.952549	-1.04981	0.00891427	1.30599	1.30599	3.18648	0.324843	0.090617	1
cg10288772	0.876249	1.03592	1.03592	0.719593	1.08506	1.08506	0.473292	1.17958	1.17958	0.0287838	1.79301	1.79301	3.18647	2.5876	0.72183	1
cg09562539	0.204345	0.589081	-1.69756	0.222505	0.602609	-1.65945	0.674095	1.18188	1.18188	0.186032	1.74009	1.74009	3.18641	7.87721	2.19744	1
cg18400281	0.42665	0.528358	-1.89265	0.0253609	0.1238	-8.07758	0.814728	0.831517	-1.20262	0.114641	0.2596	-3.85208	3.1864	31.1771	8.69727	1
cg03004102	0.0281276	1.93061	1.93061	0.0158731	2.11578	2.11578	0.195803	1.41489	1.41489	0.145492	0.672655	-1.48665	3.18638	3.24791	0.906054	1
cg10537555	0.041905	9.18299	9.18299	0.716205	1.41235	1.41235	0.0138817	17.7202	17.7202	0.168154	4.01054	4.01054	3.18636	45.1305	12.5899	1
cg23599820	0.14049	2.46677	2.46677	0.0898755	2.89965	2.89965	0.0489835	3.59662	3.59662	0.230233	2.04781	2.04781	3.18632	16.3635	4.56494	1
cg12226826	0.13335	1.82177	1.82177	0.222184	1.60842	1.60842	0.0366002	2.45897	2.45897	0.0947262	1.97448	1.97448	3.1863	6.92481	1.93183	1
cg08029231	0.911802	1.05382	1.05382	0.682034	0.82293	-1.21517	0.215846	0.539969	-1.85196	0.0822199	2.48654	2.48654	3.1863	11.295	3.151	1
cg15485440	0.798102	1.04399	1.04399	0.247639	0.816289	-1.22506	0.470986	0.884131	-1.13105	0.64671	1.08058	1.08058	3.1863	1.42321	0.397036	1
cg16646384	0.806406	1.03941	1.03941	0.00364811	0.538478	-1.85709	0.9443	1.01106	1.01106	0.950147	1.00989	1.00989	3.18629	1.2505	0.348856	1
cg07565021	0.019485	0.311339	-3.21193	0.0789023	0.446529	-2.23949	0.262331	0.616962	-1.62084	0.100513	0.47548	-2.10314	3.18628	8.6167	2.40384	1
cg05899103	0.116653	2.95082	2.95082	0.00646886	9.46167	9.46167	0.0288048	5.13721	5.13721	0.0872338	3.31542	3.31542	3.18626	20.3322	5.67219	1
cg05587419	0.917817	0.967954	-1.03311	0.00428627	0.299513	-3.33876	0.0220785	0.420528	-2.37796	0.796001	0.921495	-1.08519	3.18621	5.02539	1.40198	1
cg06319033	0.00937961	0.432364	-2.31287	0.938237	1.01992	1.01992	0.00485272	0.386456	-2.58762	0.917116	1.02685	1.02685	3.1862	3.2696	0.912157	1
cg20107653	0.888127	0.983707	-1.01656	0.39234	0.902782	-1.10769	0.0404087	1.31823	1.31823	0.0684178	1.26884	1.26884	3.1862	0.687358	0.19176	1
cg00706913	0.0936068	1.3734	1.3734	0.0274504	1.56643	1.56643	0.665588	1.07769	1.07769	0.900841	1.02168	1.02168	3.18614	1.49401	0.416807	1
cg17832704	0.188081	0.394082	-2.53754	0.00837971	0.10554	-9.47504	0.042837	0.210923	-4.74107	0.0487003	0.222444	-4.49552	3.18613	22.4911	6.27473	1
cg05898545	0.532428	0.738602	-1.35391	0.0120444	0.22304	-4.4835	0.0887508	0.406731	-2.45863	0.361633	0.638059	-1.56725	3.18612	11.5857	3.23226	1
cg13145591	0.724456	0.598643	-1.67044	0.269999	0.189165	-5.28638	0.013711	0.0120536	-82.9625	0.0410223	30.5185	30.5185	3.18611	106.049	29.5866	1
cg18266594	0.0491675	0.496799	-2.01289	0.632977	0.860806	-1.1617	0.369998	1.33218	1.33218	0.172551	0.636171	-1.57191	3.18609	4.8977	1.36641	1
cg26254193	0.315939	1.27578	1.27578	0.0237101	0.530329	-1.88562	0.962128	1.01122	1.01122	0.171597	0.710438	-1.40758	3.18608	2.78428	0.776788	1
cg14192087	0.0347451	2.94712	2.94712	0.0840454	2.31513	2.31513	0.00530839	5.01949	5.01949	0.499734	1.35101	1.35101	3.18608	9.73092	2.71484	1
cg03255741	?	?	?	0.152023	3.10463	3.10463	?	?	?	0.00967129	15.2923	15.2923	4.76581	15.3014	4.01334	1
cg20795863	0.0621418	0.363657	-2.74985	0.0238879	0.272978	-3.66329	0.0649017	0.368423	-2.71427	0.184173	0.507341	-1.97106	3.18606	11.7079	3.26643	1
cg21747442	0.347382	0.818487	-1.22177	0.789646	0.946154	-1.05691	0.564677	1.12809	1.12809	0.817174	1.04911	1.04911	3.18604	2.16243	0.603308	1
cg14423617	0.940568	0.975659	-1.02495	0.313094	1.41173	1.41173	0.00780413	0.32346	-3.09157	0.0633359	0.501526	-1.99392	3.18601	5.51109	1.53758	1
cg18613390	0.0175762	0.281149	-3.55684	0.00519074	0.197866	-5.05394	0.689357	0.838228	-1.19299	0.0657404	0.403778	-2.47661	3.186	9.7324	2.71532	1
cg18259290	0.0248104	1.25195	1.25195	0.309511	1.09248	1.09248	0.122154	0.868572	-1.15132	0.0188329	1.27037	1.27037	3.18595	0.356921	0.0995822	1
cg13051302	0.732426	0.871615	-1.14729	0.00626315	0.240228	-4.16272	0.280442	1.56705	1.56705	0.951273	1.02477	1.02477	3.18594	8.08858	2.25674	1
cg08433293	0.0694469	2.27737	2.27737	0.0031189	5.14627	5.14627	0.0298681	2.81702	2.81702	0.270665	1.59169	1.59169	3.18592	8.28729	2.3122	1
cg09516237	0.746636	0.874645	-1.14332	0.00919736	0.255037	-3.921	0.309313	1.54452	1.54452	0.214348	0.582671	-1.71623	3.18589	8.61383	2.40332	1
cg18141891	0.064011	0.505876	-1.97677	0.576518	1.20287	1.20287	0.0587165	0.497063	-2.01182	0.818021	1.07837	1.07837	3.18587	5.40788	1.50885	1
cg15910949	0.0418904	0.485845	-2.05827	0.24404	1.45528	1.45528	0.319376	0.728496	-1.37269	0.0267216	0.445696	-2.24368	3.18586	4.78152	1.33409	1
cg21694044	0.446846	0.920855	-1.08595	0.008478	0.699511	-1.42957	0.0571012	1.25724	1.25724	0.822584	0.9764	-1.02417	3.18585	0.570631	0.159213	1
cg01397939	0.0406398	3.49777	3.49777	0.0687366	2.94214	2.94214	0.0911009	2.67999	2.67999	0.115027	2.47873	2.47873	3.18584	14.1578	3.95021	1
cg07093485	0.727049	0.940247	-1.06355	0.907963	0.979872	-1.02054	0.100958	1.3714	1.3714	0.842568	1.03558	1.03558	3.18583	1.55977	0.435196	1
cg20106459	0.599841	0.673626	-1.4845	0.599348	0.67326	-1.48531	0.00473834	16.4399	16.4399	0.263632	2.38614	2.38614	3.18583	28.1035	7.84126	1
cg02793451	0.888204	1.06056	1.06056	0.677577	0.83964	-1.19099	0.973969	1.01373	1.01373	0.0273461	0.335772	-2.97821	3.1858	8.81678	2.46002	1
cg15658487	0.269233	0.546872	-1.82858	0.0274807	3.92673	3.92673	0.218815	1.97073	1.97073	0.0477132	3.27932	3.27932	3.18579	13.8828	3.87352	1
cg00684824	0.0390983	8.57883	8.57883	0.018743	12.9863	12.9863	0.0171566	13.6593	13.6593	0.0405366	8.4072	8.4072	3.18577	40.879	11.406	1
cg10952801	0.018685	0.476587	-2.09825	0.0430218	0.545864	-1.83196	0.291526	1.32918	1.32918	0.345675	1.28725	1.28725	3.18572	3.41076	0.951679	1
cg06872356	0.549976	0.923517	-1.08282	0.609076	0.9344	-1.07021	0.574999	0.928186	-1.07737	0.813468	1.03158	1.03158	3.18568	0.873102	0.243619	1
cg17025892	0.394184	1.11049	1.11049	0.734772	1.04168	1.04168	0.448588	0.911435	-1.09717	0.127559	1.21879	1.21879	3.18566	0.727555	0.203008	1
cg02855981	0.393174	1.66838	1.66838	0.540343	1.43726	1.43726	0.539737	1.43806	1.43806	0.656718	1.29922	1.29922	3.18565	17.277	4.82077	1
cg01132100	0.416051	1.17893	1.17893	0.0358106	0.616515	-1.62202	0.219642	0.774447	-1.29124	0.789663	0.948434	-1.05437	3.18564	1.97854	0.55207	1
cg24972080	0.484533	0.889614	-1.12408	0.985459	1.00301	1.00301	0.591728	1.09324	1.09324	0.108612	1.33398	1.33398	3.18563	1.36792	0.381691	1
cg19182468	0.780544	1.07798	1.07798	0.0423067	0.533245	-1.87531	0.0381583	0.524129	-1.90793	0.592306	1.15641	1.15641	3.18562	3.64659	1.01751	1
cg21344989	0.117424	0.815577	-1.22613	0.653853	1.0556	1.0556	0.032825	0.741338	-1.34891	0.69016	0.9531	-1.04921	3.18561	0.725066	0.202317	1
cg05769975	0.0130396	1.95593	1.95593	0.875711	1.03468	1.03468	0.764058	0.936538	-1.06776	0.622235	0.89748	-1.11423	3.18559	2.39349	0.667865	1
cg08234354	0.0553033	0.244642	-4.08761	0.0206155	0.164142	-6.09228	0.119987	0.335146	-2.98378	0.0729114	0.273492	-3.65641	3.18556	21.1912	5.91313	1
cg07007807	0.196937	1.52429	1.52429	0.0441235	0.489375	-2.04342	0.0431296	2.05238	2.05238	0.0126513	0.383747	-2.60588	3.18554	4.81723	1.34419	1
cg24825210	0.703251	0.890893	-1.12247	0.463593	0.79836	-1.25257	0.0459911	0.501406	-1.99439	0.562757	0.838089	-1.19319	3.18553	4.59712	1.28278	1
cg27086672	0.26516	0.74146	-1.34869	0.170534	0.686632	-1.45639	0.0358494	1.87571	1.87571	0.0319006	0.523241	-1.91116	3.18553	3.34772	0.934147	1
cg22559013	0.590193	1.3141	1.3141	0.0100391	5.11717	5.11717	0.0742582	2.71634	2.71634	0.591633	1.31268	1.31268	3.1855	12.7341	3.55334	1
cg10769989	0.464984	1.54366	1.54366	0.0228998	0.204089	-4.89981	0.491488	1.50373	1.50373	0.21408	0.465929	-2.14625	3.18548	17.1969	4.79869	1
cg00239025	0.215175	0.459385	-2.17683	0.396542	0.595931	-1.67805	0.142914	0.391101	-2.55688	0.0610928	0.284116	-3.51969	3.18538	17.9336	5.00442	1
cg09115473	0.717994	0.935137	-1.06936	0.0787169	0.696935	-1.43485	0.0448545	0.653273	-1.53075	0.299607	1.21991	1.21991	3.18538	1.725	0.481366	1
cg10248617	0.341502	0.759276	-1.31704	0.336649	0.757038	-1.32094	0.185648	0.674133	-1.48339	0.141542	0.641364	-1.55918	3.18535	3.98266	1.11138	1
cg24295424	0.569729	1.17269	1.17269	0.00236892	0.308694	-3.23946	0.789928	0.928639	-1.07684	0.186094	0.677935	-1.47507	3.18534	3.87866	1.08236	1
cg01067010	0.0188284	2.16116	2.16116	0.110955	1.60048	1.60048	0.0731175	1.71823	1.71823	0.253286	1.38144	1.38144	3.18533	3.7002	1.03257	1
cg20522387	0.146037	1.49064	1.49064	0.00369509	0.366555	-2.72811	0.560749	0.860305	-1.16238	0.693904	1.10648	1.10648	3.18531	3.3011	0.921202	1
cg07507493	0.222687	1.59698	1.59698	0.158616	1.7341	1.7341	0.0447945	2.31967	2.31967	0.96487	1.01622	1.01622	3.18531	6.73236	1.87872	1
cg12868305	0.258423	0.875059	-1.14278	0.93716	0.991115	-1.00896	0.35536	1.11361	1.11361	0.00319653	1.57707	1.57707	3.18527	0.64625	0.180344	1
cg00815770	0.0182948	0.216234	-4.62462	0.893038	0.932625	-1.07224	0.900802	0.93739	-1.06679	0.298055	1.75476	1.75476	3.44071	14.3385	3.24124	1
cg12475142	0.2798	2.58406	2.58406	0.00532038	0.0449145	-22.2645	0.339365	0.435141	-2.29811	0.949674	1.05478	1.05478	3.18527	36.0182	10.0513	1
cg01510813	0.916474	0.973338	-1.02739	0.0107059	0.437666	-2.28485	0.692277	1.1079	1.1079	0.123329	0.650513	-1.53725	3.18526	3.34752	0.934169	1
cg25717844	0.0895638	1.50337	1.50337	0.339408	0.806957	-1.23922	0.288548	1.27124	1.27124	0.0445864	1.65261	1.65261	3.18523	2.39362	0.667979	1
cg03342084	0.403516	2.12219	2.12219	0.159997	0.264386	-3.78235	0.00360344	0.0264521	-37.8041	0.171721	0.275667	-3.62756	3.44063	41.0415	9.27771	1
cg06371658	0.860713	1.05295	1.05295	0.652122	1.14262	1.14262	0.20829	1.47661	1.47661	0.336184	1.33822	1.33822	3.18519	4.35427	1.21515	1
cg16923670	0.576584	0.906642	-1.10297	0.234154	1.24195	1.24195	0.0166025	1.66239	1.66239	0.153886	1.30373	1.30373	3.18518	1.5227	0.42494	1
cg06572160	0.0286844	14.2534	14.2534	0.0102906	27.9085	27.9085	0.0207997	17.5446	17.5446	0.700274	1.48918	1.48918	3.18516	53.4685	14.9215	1
cg20785796	0.251214	0.299945	-3.33394	0.0161372	19.2339	19.2339	0.361089	2.56777	2.56777	0.227786	0.280364	-3.56679	3.18513	50.8961	14.2038	1
cg18070033	0.614025	0.934126	-1.07052	0.0266135	0.703208	-1.42205	0.0197482	1.45827	1.45827	0.922432	1.01314	1.01314	3.18512	0.905757	0.252775	1
cg13677598	0.240734	0.455536	-2.19522	0.0684288	3.69139	3.69139	0.00450302	11.2909	11.2909	0.112657	3.02087	3.02087	3.18511	20.6748	5.76983	1
cg20598768	0.267852	0.862825	-1.15898	0.00323707	0.598459	-1.67096	0.782112	0.96518	-1.03608	0.964131	0.994268	-1.00577	3.1851	0.824321	0.230049	1
cg11840168	0.107434	0.776778	-1.28737	0.0964379	0.769198	-1.30006	0.0549137	1.36747	1.36747	0.777933	1.04149	1.04149	3.18508	1.04265	0.290982	1
cg15044270	0.20881	0.485901	-2.05803	0.00312316	0.110626	-9.0395	0.264309	0.530561	-1.8848	0.0388592	0.271757	-3.67976	3.18502	14.9694	4.17772	1
cg06366791	0.0110101	0.141646	-7.05986	0.0500632	0.254336	-3.93181	0.100565	0.332126	-3.01091	0.308595	0.524275	-1.9074	3.185	18.9408	5.28611	1
cg00684497	0.0812109	1.45969	1.45969	0.859682	0.965971	-1.03523	0.242989	1.27004	1.27004	0.141886	1.36205	1.36205	3.18496	1.93106	0.538937	1
cg05690808	0.994244	1.00233	1.00233	0.0803462	1.8711	1.8711	0.362196	0.738969	-1.35324	0.404815	0.759342	-1.31693	3.18496	5.2622	1.46862	1
cg25159927	0.257548	0.322771	-3.09817	0.199293	3.66189	3.66189	0.0339532	10.6899	10.6899	0.0292108	11.6944	11.6944	3.18495	46.2035	12.895	1
cg23365832	?	?	?	0.558859	0.904191	-1.10596	0.0297928	0.639978	-1.56255	0.229302	1.2413	1.2413	3.60794	1.07886	0.348861	1
cg14084448	0.51036	1.36612	1.36612	0.0832151	2.44993	2.44993	0.0983852	2.3324	2.3324	0.397534	1.49892	1.49892	3.18491	11.0114	3.07321	1
cg14499563	0.0284028	0.443431	-2.25514	0.0196568	0.41233	-2.42524	0.0346226	0.460988	-2.16926	0.353165	0.740586	-1.35028	3.18487	4.9844	1.39113	1
cg26961622	0.49694	1.12721	1.12721	0.180045	1.28042	1.28042	0.571641	0.905526	-1.10433	0.134318	0.755547	-1.32354	3.18485	1.52045	0.424356	1
cg22780675	0.279811	0.563533	-1.77452	0.221735	1.92634	1.92634	0.854938	0.910809	-1.09792	0.988959	1.00709	1.00709	3.18481	13.1441	3.66855	1
cg20592124	0.121229	0.567919	-1.76082	0.104561	0.550232	-1.81742	0.355141	0.725931	-1.37754	0.15943	0.602722	-1.65914	3.18481	5.71929	1.59627	1
cg10660256	0.0691297	10.444	10.444	0.00994897	42.7572	42.7572	0.0411184	15.157	15.157	0.0686182	10.4999	10.4999	3.18472	67.1232	18.7348	1
cg25034856	0.0464435	0.523669	-1.9096	0.0480032	1.89853	1.89853	0.0690165	0.561541	-1.78082	0.842404	0.945107	-1.05808	3.18469	4.0572	1.13242	1
cg00540587	0.270325	0.83952	-1.19116	0.247283	1.20246	1.20246	0.150299	0.79057	-1.26491	0.235278	0.827307	-1.20874	3.18468	1.17155	0.326995	1
cg22495068	0.0328425	1.43064	1.43064	0.0737939	1.33097	1.33097	0.726646	0.950896	-1.05164	0.787762	1.03947	1.03947	3.18466	1.03806	0.289739	1
cg11070388	0.939718	0.966865	-1.03427	0.056449	0.382048	-2.61747	0.46018	0.715333	-1.39795	0.154318	0.506953	-1.97257	3.18464	10.0114	2.79437	1
cg02783232	0.0622959	0.607955	-1.64486	0.0274609	0.538748	-1.85616	0.231519	0.742591	-1.34664	0.835755	0.951959	-1.05047	3.18462	2.83666	0.791766	1
cg01022840	0.157096	0.614684	-1.62685	0.138352	1.6705	1.6705	0.0043443	0.293566	-3.40639	0.163304	0.619705	-1.61367	3.18461	5.21667	1.45608	1
cg11979846	0.0663419	0.500669	-1.99733	0.0241861	0.405392	-2.46675	0.027901	0.417771	-2.39366	0.0717163	0.508899	-1.96502	3.18461	5.69226	1.58883	1
cg15159111	0.196312	1.39991	1.39991	0.10217	1.55339	1.55339	0.671927	1.11058	1.11058	0.465897	1.20046	1.20046	3.1846	3.05773	0.853477	1
cg14443470	0.371618	1.56087	1.56087	0.0353302	0.30436	-3.28558	0.855919	1.09222	1.09222	0.744946	1.17167	1.17167	3.18459	11.8816	3.31641	1
cg27227183	0.20038	0.70591	-1.41661	0.927949	0.976981	-1.02356	0.00978279	0.431246	-2.31886	0.785703	1.07269	1.07269	3.18456	3.34384	0.933348	1
cg13676312	0.220002	0.692486	-1.44407	0.426147	1.26054	1.26054	0.199689	0.679732	-1.47117	0.0578268	0.542746	-1.84248	3.18456	4.09485	1.14297	1
cg00745838	0.322047	0.847598	-1.1798	0.0272129	0.655428	-1.52572	0.214429	0.809566	-1.23523	0.896398	1.02128	1.02128	3.18456	1.31766	0.367793	1
cg05773164	0.0732523	0.703005	-1.42247	0.0233804	1.61267	1.61267	0.398406	0.858536	-1.16477	0.039821	0.657551	-1.52079	3.18453	1.56963	0.438127	1
cg16519842	0.735157	0.887875	-1.12628	0.65269	0.853275	-1.17196	0.243084	1.53396	1.53396	0.00339686	4.03441	4.03441	3.18452	6.1878	1.72719	1
cg24948189	0.160523	0.519715	-1.92413	0.0112188	0.249791	-4.00335	0.562678	0.774521	-1.29112	0.127637	0.48716	-2.05271	3.18451	9.61291	2.68324	1
cg02728629	0.0853688	0.510008	-1.96075	0.0150552	0.347207	-2.88013	0.22435	0.636425	-1.57128	0.758946	1.11513	1.11513	3.1845	6.32192	1.76464	1
cg11201837	0.307632	1.76129	1.76129	0.014607	5.01215	5.01215	0.0192801	4.55931	4.55931	0.218126	2.00244	2.00244	3.18449	14.4899	4.04457	1
cg20989899	0.0810768	1.28701	1.28701	0.048444	1.34197	1.34197	0.0324367	0.721319	-1.38635	0.0702752	0.767998	-1.30209	3.18449	0.858354	0.239593	1
cg17292758	0.0611917	3.05578	3.05578	0.00578686	6.78254	6.78254	0.0246954	4.12143	4.12143	0.0910256	2.6797	2.6797	3.18448	14.1408	3.94714	1
cg00118507	0.171981	0.621135	-1.60995	0.0132805	0.366061	-2.73179	0.355129	0.732308	-1.36555	0.252096	0.675806	-1.47972	3.18446	5.41035	1.51021	1
cg26345037	0.785688	1.04211	1.04211	0.0103471	0.613354	-1.63038	0.632105	0.9296	-1.07573	0.375823	1.14746	1.14746	3.18442	1.15513	0.322439	1
cg02616434	0.650224	1.14277	1.14277	0.114089	1.65285	1.65285	0.939584	0.978084	-1.02241	0.169	0.651546	-1.53481	3.18441	4.31032	1.20317	1
cg27316811	0.0206587	0.462633	-2.16154	0.1343	0.639807	-1.56297	0.0449064	0.529065	-1.89013	0.115003	0.622498	-1.60643	3.1844	3.85825	1.07698	1
cg12548629	?	?	?	?	?	?	0.182561	0.512087	-1.95279	0.0193455	0.168442	-5.93676	8.07932	8.07822	0.749898	1
cg26346197	0.00939277	0.380181	-2.63033	0.864506	1.05144	1.05144	0.104377	1.6843	1.6843	0.419439	1.27413	1.27413	3.18437	4.34955	1.21414	1
cg26502666	0.679105	1.5624	1.5624	0.00503867	53.4602	53.4602	0.0257645	17.1232	17.1232	0.0644319	9.28561	9.28561	3.18436	58.03	16.1986	1
cg19813025	0.0617946	5.48164	5.48164	0.00409167	22.5576	22.5576	0.0951202	4.40761	4.40761	0.0710404	5.10992	5.10992	3.18436	32.9953	9.21039	1
cg03385696	0.00347007	0.0932924	-10.719	0.537022	0.688157	-1.45316	0.742234	0.820919	-1.21815	0.297512	1.90737	1.90737	3.18431	18.0282	5.03251	1
cg01806192	0.0744542	0.570352	-1.7533	0.17312	0.663943	-1.50615	0.765807	1.08806	1.08806	0.107172	0.608445	-1.64353	3.1843	4.02575	1.12377	1
cg27009036	0.499386	1.09391	1.09391	0.196649	1.19567	1.19567	0.0795931	0.775146	-1.29008	0.74997	1.04274	1.04274	3.18428	0.86423	0.241249	1
cg25165060	0.630467	1.27054	1.27054	0.126492	2.26273	2.26273	0.082578	0.386838	-2.58506	0.317396	0.600172	-1.66619	3.22881	11.0918	3.43525	1
cg00428692	0.0798692	0.431519	-2.31739	0.0310253	0.334593	-2.98871	0.248491	0.593532	-1.68483	0.208678	0.563762	-1.7738	3.18419	9.43042	2.63257	1
cg05358168	0.07039	1.24505	1.24505	0.361868	1.10691	1.10691	0.0245475	0.748069	-1.33677	0.0373934	1.29924	1.29924	3.18415	0.592282	0.165342	1
cg03806828	0.892842	1.02096	1.02096	0.0122033	0.618354	-1.6172	0.0655969	1.37447	1.37447	0.810883	1.03759	1.03759	3.18413	1.19488	0.333564	1
cg16703647	0.280676	1.33419	1.33419	0.0801896	1.6472	1.6472	0.00268118	2.90683	2.90683	0.165358	1.46297	1.46297	3.18411	3.33397	0.930724	1
cg12801256	0.0548419	1.43818	1.43818	0.00307394	1.96652	1.96652	0.913381	0.982007	-1.01832	0.600505	0.915604	-1.09218	3.18411	1.40417	0.391995	1
cg01957432	0.265569	0.794716	-1.25831	0.0196692	0.572308	-1.74731	0.0979522	1.43266	1.43266	0.045707	1.57411	1.57411	3.18403	1.97792	0.552179	1
cg03755098	0.0383048	0.212364	-4.70891	0.905399	1.07976	1.07976	0.27192	0.477989	-2.0921	0.0114169	0.129577	-7.7174	3.28405	16.8535	5.86507	1
cg01099512	0.607956	0.697833	-1.43301	0.041371	0.194781	-5.13397	0.486168	0.61139	-1.63562	0.109436	0.297143	-3.36538	3.18401	24.3801	6.80625	1
cg10432364	0.795756	0.954315	-1.04787	0.138495	1.3331	1.3331	0.174807	0.770918	-1.29715	0.0284414	0.627377	-1.59394	3.184	1.63881	0.457513	1
cg08509383	0.645727	0.871483	-1.14747	0.394316	1.296	1.296	0.0252855	2.20432	2.20432	0.400358	1.29153	1.29153	3.18395	4.45341	1.24329	1
cg15696408	0.350693	1.19461	1.19461	0.0132008	1.76601	1.76601	0.647488	0.918304	-1.08896	0.335539	1.20182	1.20182	3.18393	1.7281	0.48245	1
cg13910830	0.0033157	0.460029	-2.17378	0.083078	0.688974	-1.45143	0.547406	0.888512	-1.12548	0.924442	0.981751	-1.01859	3.1839	1.90079	0.530668	1
cg17170942	0.0427195	0.228373	-4.3788	0.0741818	0.283776	-3.52391	0.865037	0.897904	-1.1137	0.123519	0.34781	-2.87513	3.18387	20.2083	5.64186	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg11074047	NFATC2;NFATC2;NFATC2	0.0587653	0.0177096	0.136725	-7.31393	0.00900478	0.101181	-9.88331	0.0244773	0.157415	-6.35264	0.0486554	0.211503	-4.72807	0.109794	0.300426	-3.32861
cg13290371	FBXL18	0.0587659	0.031051	3.26939	3.26939	0.0382752	3.07605	3.07605	0.0424148	2.98554	2.98554	0.177923	0.511736	-1.95413	0.643263	0.803914	-1.24391
cg14792180	ANKRD33B	0.0587663	0.301114	0.74533	-1.34169	0.202241	0.691172	-1.44682	0.0764163	0.582304	-1.71732	0.638111	0.878123	-1.13879	0.234698	1.40736	1.40736
cg26489750	NLRP2	0.058769	0.0256513	0.0910385	-10.9844	0.013149	0.0620532	-16.1152	0.0803624	0.173149	-5.77538	0.466461	0.511713	-1.95422	0.0265224	0.092777	-10.7785
cg09032973	PCDHA1;PCDHA1;PCDHA1	0.0587691	0.0259252	3.40712	3.40712	0.0735518	2.52169	2.52169	0.167418	1.97836	1.97836	0.0522933	2.78242	2.78242	0.0137899	4.10139	4.10139
cg09591524	HOXA3;HOXA3;HOXA3	0.0587713	0.048973	12.7382	12.7382	0.103991	7.4798	7.4798	0.0513101	12.3276	12.3276	0.0465512	13.2004	13.2004	0.043501	13.8445	13.8445
cg06896919	BBS9;BBS9;BBS9;BBS9	0.0587715	0.785602	1.0656	1.0656	0.0131728	0.4886	-2.04667	0.0217776	0.526417	-1.89964	0.77656	1.06855	1.06855	0.440089	0.832372	-1.20139
cg12548176	OR6C74	0.058772	0.0360029	0.170098	-5.87898	0.257105	0.423604	-2.36069	0.249353	0.417129	-2.39734	0.134319	0.309579	-3.2302	0.0167742	0.120053	-8.32962
cg09758595	MTMR9	0.0587727	0.276599	1.40116	1.40116	0.0223478	0.442242	-2.2612	0.694266	0.88892	-1.12496	0.168377	0.645643	-1.54884	0.929258	0.973881	-1.02682
cg26607785	TBX21	0.0587731	0.694132	0.889037	-1.12481	0.413491	1.28247	1.28247	0.597417	1.17187	1.17187	0.0445854	0.503432	-1.98637	0.02175	0.440571	-2.26978
cg24336123	ROMO1;NFS1	0.0587731	0.416036	0.676567	-1.47805	0.868784	1.08081	1.08081	0.194734	1.90547	1.90547	0.385812	0.658435	-1.51875	0.270161	1.71547	1.71547
cg23013853	CHGA	0.0587735	0.446702	0.610911	-1.6369	0.0888256	0.303435	-3.2956	0.655049	1.33072	1.33072	0.664681	1.31931	1.31931	0.0258736	0.186218	-5.37006
cg23751724	MACROD2;MACROD2	0.0587737	0.118283	1.27728	1.27728	0.401634	1.13188	1.13188	0.00144854	1.94279	1.94279	0.694106	1.0587	1.0587	0.567262	1.08703	1.08703
cg18768338	PADI3	0.058775	0.0729299	0.457747	-2.18461	0.0258246	0.355618	-2.81201	0.163407	0.559283	-1.78801	0.276812	0.642826	-1.55563	0.00999217	0.280636	-3.56333
cg14690467	ZNF282	0.0587753	0.0210483	0.529507	-1.88855	0.412425	0.825307	-1.21167	0.00486695	0.425161	-2.35205	0.470256	1.18329	1.18329	0.843003	1.04648	1.04648
cg01189604	INPP5A	0.0587763	0.0319729	0.539022	-1.85521	0.0352712	1.82752	1.82752	0.0263899	1.91073	1.91073	0.310758	1.29422	1.29422	0.931386	0.979046	-1.0214
cg04313565	XYLT1	0.0587771	0.862264	1.03635	1.03635	0.326305	0.811898	-1.23168	0.217238	0.765723	-1.30596	0.0232408	1.74679	1.74679	0.456693	0.855678	-1.16866
cg23250973	PLXNA3	0.0587782	0.953143	0.970681	-1.0302	0.290334	0.573661	-1.74319	0.472001	0.690409	-1.44842	0.165856	0.473159	-2.11346	0.0186734	0.236069	-4.23605
cg19915762	PLCB3	0.0587782	0.0158016	0.270574	-3.69585	0.0319561	0.329192	-3.03774	0.324454	0.637724	-1.56808	0.158123	0.513209	-1.94853	0.122763	0.477478	-2.09434
cg26475085	OSMR;OSMR	0.0587783	0.057483	0.397142	-2.51799	0.0348475	0.347454	-2.87808	0.0546316	0.391783	-2.55243	0.0417934	0.364749	-2.74161	0.054075	0.390714	-2.55942
cg01613294	APOL3;APOL3;APOL3;APOL3;APOL3;APOL3	0.0587784	0.209083	0.661307	-1.51216	0.217977	0.667141	-1.49893	0.012971	0.38172	-2.61972	0.408437	0.767913	-1.30223	0.0168241	0.402093	-2.48698
cg01167578	ANKRD11	0.0587812	0.2309	0.736896	-1.35704	0.691877	1.10161	1.10161	0.443973	1.20876	1.20876	0.558981	1.15437	1.15437	0.00982491	0.452547	-2.20971
cg16413763	MYO10	0.0587816	0.0631635	0.203478	-4.91454	0.00697068	0.070004	-14.2849	0.0413718	0.166552	-6.00412	0.409622	0.525993	-1.90117	0.0419734	0.167694	-5.96324
cg19595092	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.0587816	0.0356181	0.272767	-3.66613	0.385403	0.623334	-1.60428	0.2079	0.493952	-2.02449	0.253176	0.530512	-1.88497	0.448717	0.663601	-1.50693
cg03859395	SMEK2;SMEK2	0.0587828	0.00367221	0.192658	-5.19055	0.0726114	0.431776	-2.31602	0.228635	1.69854	1.69854	0.415262	0.705289	-1.41786	0.903133	1.05238	1.05238
cg07146507	SECISBP2L	0.058783	0.644264	0.900642	-1.11032	0.161158	0.714038	-1.40049	0.0125561	0.49723	-2.01114	0.244418	1.31531	1.31531	0.01734	0.520902	-1.91975
cg13877670	ONECUT1	0.0587838	0.130355	0.537989	-1.85877	0.0721606	0.466966	-2.14148	0.0239768	2.77838	2.77838	0.176813	0.579983	-1.72419	0.0329254	0.388056	-2.57695
cg06647068	CHST11	0.0587853	0.0217454	0.0841115	-11.889	0.643185	0.657532	-1.52084	0.470022	0.516573	-1.93584	0.152939	0.252679	-3.9576	0.0161217	0.070933	-14.0978
cg02190353	SLC25A37	0.0587853	0.0205097	0.244492	-4.09011	0.59364	1.31227	1.31227	0.04576	0.314876	-3.17586	0.48176	0.697117	-1.43448	0.0100389	0.194026	-5.15396
cg04649769	LPL	0.0587862	0.696315	1.11349	1.11349	0.206537	0.694105	-1.4407	0.013216	0.430943	-2.32049	0.126663	1.57272	1.57272	0.470624	0.817792	-1.2228
cg07515250	PTK2;PTK2	0.0587876	0.419229	0.759339	-1.31693	0.360967	0.731065	-1.36787	0.0990365	0.547037	-1.82803	0.152528	0.599803	-1.66721	0.033936	0.437848	-2.2839
cg22225943	IGF2AS;INS-IGF2;IGF2;IGF2AS;IGF2	0.058789	0.306463	0.632888	-1.58006	0.350353	1.51487	1.51487	0.0527319	2.58937	2.58937	0.32402	1.55283	1.55283	0.79931	1.11636	1.11636
cg09042411	SAP25;LRCH4	0.0587904	0.435789	0.802864	-1.24554	0.769563	1.0845	1.0845	0.546124	1.18375	1.18375	0.112686	1.61099	1.61099	0.0245436	0.477272	-2.09524
cg05291427	ADRBK2	0.0587905	0.0503086	0.47909	-2.08729	0.980716	1.008	1.008	0.219412	1.53101	1.53101	0.020594	0.398609	-2.50872	0.0839652	0.532245	-1.87883
cg11360819	DTNBP1;DTNBP1;DTNBP1	0.058792	0.185811	0.852303	-1.17329	0.813782	1.02725	1.02725	0.0789425	0.800727	-1.24887	0.349649	0.896125	-1.11592	0.455876	0.917122	-1.09037
cg22193276	LPIN1	0.0587922	0.806763	1.09327	1.09327	0.00993985	3.27011	3.27011	0.816326	0.918822	-1.08835	0.633317	1.19111	1.19111	0.0640058	0.468859	-2.13284
cg26528484	TMEM182	0.0587939	0.109445	0.470423	-2.12575	0.076853	0.427332	-2.3401	0.0133635	0.266046	-3.75875	0.570475	0.780553	-1.28114	0.0228489	0.30827	-3.24391
cg19427872	USP30	0.0587947	0.949942	0.984966	-1.01526	0.00580349	2.39124	2.39124	0.655449	1.11445	1.11445	0.634667	1.12243	1.12243	0.39546	0.810608	-1.23364
cg01734062	TMEM92;TMEM92;TMEM92	0.0587964	0.051027	4.9617	4.9617	0.0864592	3.91549	3.91549	0.126781	3.28816	3.28816	0.220704	2.52923	2.52923	0.0348992	5.88186	5.88186
cg19271175	ARHGAP4;ARHGAP4	0.0587971	0.0513261	0.521379	-1.91799	0.224547	1.45422	1.45422	0.805949	1.07492	1.07492	0.113585	0.60329	-1.65758	0.00374746	0.317041	-3.15416
cg18184349	NEK9;NEK9	0.0587973	0.359302	1.15084	1.15084	0.00968442	1.62884	1.62884	0.581743	1.08646	1.08646	0.211512	0.821856	-1.21676	0.309789	1.1696	1.1696
cg11109091	THTPA;THTPA;THTPA;THTPA;THTPA	0.0587987	0.492102	0.85966	-1.16325	0.672901	0.912078	-1.0964	0.721071	1.0808	1.0808	0.993345	1.00181	1.00181	0.296322	1.26452	1.26452
cg12742018	KIAA1688	0.0587999	0.732618	1.06921	1.06921	0.124574	0.722909	-1.3833	0.0488572	0.644722	-1.55106	0.0702026	1.48433	1.48433	0.0983984	0.702097	-1.42431
cg14838801	USP40	0.0588	0.435118	1.1737	1.1737	0.547293	0.884714	-1.13031	0.00625337	0.488389	-2.04755	0.900405	0.975132	-1.0255	0.103279	0.69879	-1.43105
cg11634705	UNC84A;UNC84A	0.0588011	0.132491	0.47976	-2.08438	0.0277907	3.24338	3.24338	0.919988	1.04651	1.04651	0.877315	0.932492	-1.0724	0.0124015	0.244584	-4.08857
cg23297972	TIAM1	0.0588024	0.87161	0.926144	-1.07975	0.0820883	2.49382	2.49382	0.00710368	5.20567	5.20567	0.783037	0.87727	-1.1399	0.119305	0.448484	-2.22974
cg00745731	ARID3A	0.0588026	0.371723	1.7	1.7	0.85404	0.898932	-1.11243	0.105654	0.359632	-2.78062	0.633645	1.32022	1.32022	0.00454371	0.112243	-8.90928
cg14295915	FTSJ1;FTSJ1;FTSJ1;FTSJ1	0.0588057	0.0137246	0.0107628	-92.9125	0.990423	0.983675	-1.0166	0.958621	0.931314	-1.07375	0.328524	4.05111	4.05111	0.363904	3.64106	3.64106
cg18888137	BRD2;BRD2	0.0588073	0.0813931	0.605636	-1.65116	0.128593	1.53173	1.53173	0.31753	1.30764	1.30764	0.0537174	0.566277	-1.76592	0.859928	0.955181	-1.04692
cg12408299	ATPAF2;C17orf39	0.0588077	0.0515478	0.620831	-1.61074	0.202129	1.33601	1.33601	0.661731	0.909645	-1.09933	0.719111	0.925256	-1.08078	0.777755	1.06276	1.06276
cg16525762	PCBD2	0.0588083	0.365473	0.796806	-1.25501	0.0197281	0.502629	-1.98954	0.0223649	0.512441	-1.95144	0.904226	1.02984	1.02984	0.0787447	1.61113	1.61113
cg16468773	CHMP4C	0.0588119	0.0982265	3.9394	3.9394	0.0333648	6.55144	6.55144	0.0453169	5.67332	5.67332	0.942593	0.947013	-1.05595	0.25627	2.44932	2.44932
cg24581326	TFAP2C	0.058812	0.140387	0.524177	-1.90775	0.365938	1.45978	1.45978	0.295591	1.55536	1.55536	0.625235	1.22198	1.22198	0.778892	1.12146	1.12146
cg18317933	PRKDC;PRKDC	0.058812	0.025788	0.478587	-2.08948	0.136273	1.56334	1.56334	0.992335	0.99733	-1.00268	0.769635	1.08517	1.08517	0.919211	0.972155	-1.02864
cg13013179	SH3RF3	0.0588126	0.371745	0.623433	-1.60402	0.0584551	0.332347	-3.0089	0.21163	0.507641	-1.96989	0.58171	1.33198	1.33198	0.00175635	0.100565	-9.94383
cg14797413	C20orf26	0.0588132	0.0269446	0.673051	-1.48577	0.101051	1.31177	1.31177	0.0460982	0.707941	-1.41255	0.206474	1.22308	1.22308	0.30956	1.17224	1.17224
cg10380221	ZNF668	0.0588146	0.0265059	0.198668	-5.03351	0.0745865	0.295096	-3.38873	0.188456	0.424766	-2.35424	0.0747722	0.295378	-3.3855	0.125642	0.361188	-2.76864
cg17861791	ST7L;ST7L;CAPZA1;ST7L;ST7L	0.0588154	0.328862	1.12416	1.12416	0.604367	1.06258	1.06258	0.811888	0.972691	-1.02808	0.370401	1.11274	1.11274	0.907051	0.986527	-1.01366
cg14726117	CBX2	0.0588165	0.0108821	0.381607	-2.62049	0.44412	1.26502	1.26502	0.210414	0.671879	-1.48836	0.197554	1.50746	1.50746	0.0195481	0.427296	-2.3403
cg01383997	CHCHD6	0.0588166	0.647764	1.0657	1.0657	0.176435	1.21995	1.21995	0.00582273	1.64801	1.64801	0.402826	1.12574	1.12574	0.718036	0.951074	-1.05144
cg00540637	C5orf45;C5orf45	0.0588176	0.397994	0.837386	-1.19419	0.0391777	0.61298	-1.63137	0.0544146	0.639173	-1.56452	0.255077	0.78374	-1.27593	0.549022	0.883078	-1.1324
cg10404717	MIR219-2	0.0588178	0.383675	0.76432	-1.30835	0.002662	0.268849	-3.71956	0.233413	0.685775	-1.4582	0.506422	0.816682	-1.22447	0.0540884	0.512493	-1.95125
cg05592398	LIMK1	0.0588199	0.918405	1.0087	1.0087	0.00413117	1.3843	1.3843	0.837487	1.01752	1.01752	0.234801	1.11104	1.11104	0.706166	1.03254	1.03254
cg17740179	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.0588202	0.216226	0.577495	-1.73162	0.0013599	0.140603	-7.11223	0.766296	1.134	1.134	0.556718	1.28504	1.28504	0.132796	0.504457	-1.98233
cg21630044	CDK6;CDK6	0.0588203	0.154668	1.95808	1.95808	0.89707	0.944508	-1.05875	0.105253	2.18316	2.18316	0.504137	1.34853	1.34853	0.315861	0.632895	-1.58004
cg22719559	C20orf194	0.0588218	0.0855599	2.45861	2.45861	0.36802	0.645522	-1.54913	0.944585	0.96763	-1.03345	0.183435	1.95054	1.95054	0.0140859	0.238227	-4.19767
cg13263274	FLRT1;MACROD1	0.0588231	0.841506	0.968171	-1.03288	0.465726	0.88698	-1.12742	0.660534	0.931089	-1.07401	0.153396	0.78116	-1.28015	0.650608	0.928984	-1.07644
cg18196333	PTPRN2;PTPRN2;PTPRN2	0.0588234	0.772119	1.08647	1.08647	0.0215106	0.45446	-2.20041	0.0258049	0.469552	-2.12969	0.507805	0.825401	-1.21153	0.0724718	1.77252	1.77252
cg15768443	KIAA1949;KIAA1949	0.0588236	0.806527	0.911027	-1.09766	0.969459	0.985566	-1.01465	0.399762	0.72083	-1.38729	0.866646	0.938171	-1.0659	0.333508	1.46055	1.46055
cg14540913	PRRX2	0.058824	0.0188076	0.426913	-2.3424	0.456724	1.25441	1.25441	0.246297	0.695872	-1.43705	0.947196	0.980388	-1.02	0.00631251	0.345191	-2.89695
cg06513979	DIP2C	0.0588242	0.0789863	2.26842	2.26842	0.0953544	2.15862	2.15862	0.0140418	3.57323	3.57323	0.842548	0.919876	-1.0871	0.487383	0.743561	-1.34488
cg14235271	GNAS;GNAS;GNAS;GNAS	0.0588254	0.0690136	0.674613	-1.48233	0.209442	0.77421	-1.29164	0.938739	0.985241	-1.01498	0.840025	0.961655	-1.03987	0.00299661	0.454983	-2.19788
cg20499859	CTDSP2	0.0588266	0.0567181	0.62557	-1.59854	0.017271	1.87914	1.87914	0.726636	0.926502	-1.07933	0.212674	0.751654	-1.3304	0.431591	0.839808	-1.19075
cg05324732	KIAA0892;SF4	0.0588266	0.840981	0.981905	-1.01843	0.717891	0.967558	-1.03353	0.00214248	1.47989	1.47989	0.516659	1.06159	1.06159	0.308552	1.10054	1.10054
cg24531955	LOXL2	0.0588273	0.029597	0.355814	-2.81046	0.561368	1.26736	1.26736	0.278581	0.634738	-1.57545	0.372649	0.691238	-1.44668	0.712215	1.16124	1.16124
cg08923355	HBA1	0.0588279	0.087821	0.387901	-2.57798	0.104326	0.409639	-2.44118	0.00975927	0.193463	-5.16896	0.145977	0.456325	-2.19142	0.59447	0.763316	-1.31007
cg23115136	GIGYF1	0.0588285	0.263615	1.42363	1.42363	0.0146199	2.48755	2.48755	0.0394871	2.05828	2.05828	0.631396	1.15779	1.15779	0.0460315	0.500073	-1.99971
cg19749001	GREB1;GREB1;GREB1	0.0588291	0.00529424	0.314818	-3.17643	0.0755313	1.86281	1.86281	0.243368	1.4679	1.4679	0.886495	1.04593	1.04593	0.734894	1.11279	1.11279
cg27546699	FBXW4	0.0588308	0.0308518	0.414065	-2.41508	0.103219	0.53802	-1.85867	0.882977	1.05256	1.05256	0.788015	1.09826	1.09826	0.0878325	0.519333	-1.92555
cg04460816	SLC25A42	0.0588314	0.0249466	0.480528	-2.08105	0.496341	1.2089	1.2089	0.804922	0.934289	-1.07033	0.525472	0.838015	-1.1933	0.0278075	0.489588	-2.04254
cg19177627	LOC100132215	0.0588329	?	?	?	0.0887504	6.46582	6.46582	0.241711	3.38137	3.38137	0.282604	3.03439	3.03439	0.0904132	6.39132	6.39132
cg04834770	ADAM12;ADAM12	0.0588363	0.700245	0.884178	-1.13099	0.168842	1.59441	1.59441	0.472568	1.26173	1.26173	0.192193	0.644511	-1.55156	0.0125262	0.372191	-2.6868
cg21835903	CCDC149	0.0588365	0.143788	0.443151	-2.25657	0.0189121	0.229235	-4.36234	0.0433312	0.299935	-3.33406	0.158463	2.184	2.184	0.424324	0.655212	-1.52622
cg16096096	VPS54;VPS54	0.0588372	0.0318039	1.50611	1.50611	0.0108806	1.68259	1.68259	0.0167099	1.60873	1.60873	0.429818	1.14015	1.14015	0.893935	1.02195	1.02195
cg26847503	FAM131B;FAM131B	0.058838	0.0451881	0.321616	-3.1093	0.996425	1.00221	1.00221	0.0968742	0.406713	-2.45873	0.474074	1.43249	1.43249	0.0063719	0.173294	-5.77054
cg18049474	RASA3	0.0588382	0.0182482	0.400382	-2.49761	0.13315	0.595977	-1.67792	0.0743316	0.529834	-1.88738	0.178873	0.633697	-1.57804	0.00489946	0.303901	-3.29054
cg26744056	CACNA1H;CACNA1H	0.0588389	0.217677	1.38762	1.38762	0.0116741	2.21687	2.21687	0.0123295	2.19718	2.19718	0.352461	1.27341	1.27341	0.809009	0.940664	-1.06308
cg05862114	MEST;MEST;MESTIT1;MEST	0.0588391	0.358377	1.20466	1.20466	0.0440094	0.633648	-1.57816	0.116565	0.714494	-1.39959	0.00439491	0.472474	-2.11652	0.191296	0.761273	-1.31359
cg01076495	ECM1;ECM1;ECM1;ECM1	0.0588393	0.19126	0.649355	-1.53999	0.653466	0.868472	-1.15145	0.0154304	0.395557	-2.52808	0.202537	0.657155	-1.52171	0.288107	0.708824	-1.41079
cg22982173	HTT	0.0588398	0.0521087	0.686136	-1.45744	0.0429174	1.48769	1.48769	0.0174181	1.63813	1.63813	0.539864	1.11161	1.11161	0.22924	0.806459	-1.23999
cg10658666	OTX1	0.0588423	0.278646	2.79255	2.79255	0.0550908	7.26263	7.26263	0.0167494	14.3237	14.3237	0.0357861	9.2728	9.2728	0.740274	1.3543	1.3543
cg04790154	KRTAP5-9;KRTAP5-9	0.0588428	0.00775275	0.181168	-5.51974	0.200736	0.509102	-1.96424	0.116235	0.426233	-2.34613	0.172091	0.483778	-2.06706	0.0943781	0.399075	-2.5058
cg25843698	UBE3A	0.0588438	0.470008	0.784538	-1.27463	0.471116	0.78503	-1.27384	0.0606343	2.01046	2.01046	0.332481	1.39107	1.39107	0.689309	0.875745	-1.14188
cg15992843	ZC3H6	0.0588451	0.143811	0.816728	-1.2244	0.218903	0.846471	-1.18138	0.299358	0.870534	-1.14872	0.120145	0.804668	-1.24275	0.0158276	0.683156	-1.46379
cg16070018	HIST1H3E	0.058846	0.597288	0.599771	-1.6673	0.41761	2.21616	2.21616	0.0687143	7.28325	7.28325	0.317406	2.70369	2.70369	0.0244147	0.0713286	-14.0196
cg14476562	NFIB	0.058846	0.550726	1.49689	1.49689	0.0311088	5.42313	5.42313	0.00778841	9.80615	9.80615	0.0516549	4.3929	4.3929	0.197652	0.402551	-2.48416
cg24858658	AK2;AK2	0.0588463	0.0230574	1.92451	1.92451	0.203589	1.38163	1.38163	0.0037056	2.57187	2.57187	0.497562	1.18045	1.18045	0.428451	0.823051	-1.21499
cg27236629	NR2F2;NR2F2;NR2F2;NR2F2	0.0588465	0.495426	0.676568	-1.47805	0.0415006	0.265294	-3.7694	0.0536132	0.290209	-3.44579	0.0602354	0.302309	-3.30788	0.244957	0.503328	-1.98678
cg11704513	COX4I2	0.0588471	0.0669155	2.03519	2.03519	0.420399	1.32948	1.32948	0.283301	1.4706	1.4706	0.144731	1.7193	1.7193	0.581815	1.2122	1.2122
cg20917920	SHANK2;SHANK2	0.0588479	0.192688	0.529605	-1.8882	0.0834501	2.41901	2.41901	0.200627	1.86487	1.86487	0.34758	0.640262	-1.56186	0.00410202	0.169435	-5.90197
cg15073264	CLCN5;CLCN5;MIR660	0.0588486	0.862849	1.08961	1.08961	0.0246313	0.26494	-3.77444	0.0151536	0.22744	-4.39677	0.361251	0.62763	-1.5933	0.0389362	0.305317	-3.27528
cg21657955	TMEM196	0.0588515	0.694858	1.09966	1.09966	0.545467	1.15886	1.15886	0.722388	1.08976	1.08976	0.321338	1.28004	1.28004	0.826135	0.948369	-1.05444
cg05722611	C22orf41	0.0588552	0.440056	0.817085	-1.22386	0.0334978	1.89131	1.89131	0.618884	1.13729	1.13729	0.351955	1.27857	1.27857	0.0500044	1.77427	1.77427
cg21629384	TMCO5A	0.0588553	0.46414	1.19653	1.19653	0.181606	0.710717	-1.40703	0.0103411	0.45937	-2.17689	0.0983948	0.646302	-1.54726	0.24824	0.74776	-1.33733
cg13885451	MCF2L2	0.0588554	0.00637385	0.62419	-1.60208	0.31935	0.87231	-1.14638	0.79902	1.03445	1.03445	0.207038	0.838078	-1.19321	0.362354	1.13234	1.13234
cg05897091	SMOC2;SMOC2	0.0588561	0.225325	0.750815	-1.33189	0.0785832	1.55223	1.55223	0.0878305	1.52808	1.52808	0.970065	0.99159	-1.00848	0.104706	0.670925	-1.49048
cg04931184	KCNJ4;KCNJ4	0.058857	0.0277453	0.622212	-1.60717	0.0202799	0.600259	-1.66595	0.0172705	0.58922	-1.69716	0.619049	0.912641	-1.09572	0.0728674	0.694263	-1.44038
cg12089656	NCK2;NCK2	0.0588574	0.0150941	0.104565	-9.56341	0.256446	0.408344	-2.44892	0.241423	0.395669	-2.52737	0.124792	0.284663	-3.51293	0.0142585	0.101722	-9.83073
cg16923137	FAM171A1	0.0588593	0.133915	0.53945	-1.85374	0.0142383	0.315225	-3.17234	0.279287	0.650842	-1.53647	0.914789	0.959957	-1.04171	0.0113511	0.29812	-3.35435
cg07563943	DNAH5	0.0588605	0.0668885	0.544654	-1.83603	0.848408	1.05824	1.05824	0.194795	0.666536	-1.50029	0.372735	1.31085	1.31085	0.100803	1.70168	1.70168
cg18716083	EPB41L4A	0.0588639	0.530921	0.822927	-1.21517	0.517494	1.2232	1.2232	0.685474	1.13317	1.13317	0.403506	1.30014	1.30014	0.00190374	0.259102	-3.85949
cg11294269	GALNT9;GALNT9	0.0588643	0.0704229	0.780841	-1.28067	0.56071	0.930559	-1.07462	0.0677154	0.778511	-1.2845	0.9157	0.98713	-1.01304	0.33983	0.886609	-1.12789
cg20425130	KLHL6	0.0588654	0.950412	0.979894	-1.02052	0.757564	1.1064	1.1064	0.142852	0.597917	-1.67247	0.315365	0.712457	-1.40359	0.374035	0.742309	-1.34715
cg14355482	NCAM2	0.0588673	0.973091	0.984678	-1.01556	0.00225948	0.141404	-7.07192	0.434186	0.694004	-1.44091	0.148949	2.03096	2.03096	0.768999	0.873885	-1.14432
cg00012692	GJB6;GJB6;GJB6;GJB6	0.0588688	0.0473483	3.31787	3.31787	0.00482122	7.21871	7.21871	0.116196	2.46558	2.46558	0.784777	0.86528	-1.15569	0.0672849	2.95615	2.95615
cg06234941	TMEM44;TMEM44;TMEM44;TMEM44	0.0588688	0.0376727	0.386203	-2.58931	0.89651	0.949943	-1.05269	0.0565136	0.426566	-2.3443	0.762234	1.12721	1.12721	0.0140778	0.302391	-3.30698
cg24001070	TOP3A;SMCR8	0.0588703	0.471811	0.832116	-1.20175	0.755373	0.924522	-1.08164	0.00459722	2.57844	2.57844	0.638054	1.12635	1.12635	0.31148	1.30074	1.30074
cg12921342	TSPAN17;TSPAN17;EIF4E1B;TSPAN17	0.0588703	0.414465	1.15666	1.15666	0.0231982	1.60555	1.60555	0.0678808	0.699927	-1.42872	0.853147	1.03286	1.03286	0.168759	1.29153	1.29153
cg15410169	CHN2;CHN2	0.058874	0.362456	1.33322	1.33322	0.0281254	2.2183	2.2183	0.0433849	2.04175	2.04175	0.182883	1.54383	1.54383	0.240613	1.45859	1.45859
cg25114580	HSPE1;HSPE1;HSPD1;HSPD1	0.0588746	0.014652	1.71085	1.71085	0.0426294	0.658978	-1.5175	0.545883	1.1154	1.1154	0.409303	1.16275	1.16275	0.61817	0.914123	-1.09394
cg21647114	CUX1;CUX1;CUX1	0.0588751	0.864879	0.96412	-1.03722	0.510405	1.154	1.154	0.376911	1.21474	1.21474	0.594775	1.12208	1.12208	0.00166996	0.381179	-2.62344
cg06222048	R3HDM1;ZRANB3	0.0588755	0.0490455	0.683989	-1.46201	0.826419	0.963557	-1.03782	0.603745	0.915298	-1.09254	0.0345752	0.659326	-1.5167	0.0121301	0.589484	-1.6964
cg09254686	UNC45A;HDDC3	0.0588758	0.656094	1.03906	1.03906	0.491353	0.942003	-1.06157	0.379887	0.925891	-1.08004	0.0892525	1.17372	1.17372	0.332808	1.08915	1.08915
cg02587129	CEP250	0.0588761	0.53532	1.12501	1.12501	0.140886	1.34604	1.34604	0.283871	1.23232	1.23232	0.242163	1.2582	1.2582	0.0701324	1.46212	1.46212
cg04144226	KCND2	0.0588772	0.0543942	0.670025	-1.49248	0.143374	0.749399	-1.3344	0.456704	1.14919	1.14919	0.025352	0.614069	-1.62848	0.0270025	0.618537	-1.61672
cg12451155	YTHDF2	0.0588777	0.0908589	0.536845	-1.86274	0.814304	1.08174	1.08174	0.157505	1.65659	1.65659	0.481224	1.27008	1.27008	0.661928	0.863353	-1.15827
cg13423371	CAMSAP1	0.058879	0.046619	0.5354	-1.86776	0.0173022	2.21425	2.21425	0.0759713	1.71851	1.71851	0.575919	1.1676	1.1676	0.196461	0.687649	-1.45423
cg06440946	RWDD3;RWDD3	0.0588797	0.913297	0.959983	-1.04168	0.00559408	3.91267	3.91267	0.522863	0.784418	-1.27483	0.682508	1.16674	1.16674	0.784841	0.902475	-1.10806
cg23895729	KIAA1199	0.0588801	0.161848	0.505568	-1.97798	0.484909	1.38275	1.38275	0.967379	1.01885	1.01885	0.0521196	0.364655	-2.74232	0.201753	0.540357	-1.85063
cg22434409	KCNIP4	0.0588804	0.338002	0.871947	-1.14686	0.131052	1.25381	1.25381	0.637991	1.06796	1.06796	0.0634296	1.33585	1.33585	0.0170624	0.668017	-1.49697
cg23110514	LCE3E	0.0588832	0.0860056	0.265002	-3.77356	0.129619	0.317846	-3.14618	0.403102	0.549395	-1.82018	0.192498	0.380769	-2.62626	0.0223274	0.147113	-6.79748
cg05269534	TANK	0.0588836	0.33012	1.29253	1.29253	0.0493403	0.563953	-1.7732	0.00595902	0.399294	-2.50442	0.834749	0.948059	-1.05479	0.115773	1.54728	1.54728
cg26898352	AP1AR;AP1AR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26496917	TMEM184B;TMEM184B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21788710	TMEM67;TMEM67;TMEM67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00343906	NADK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg01470323	SLC29A2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26056527	SLC29A2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg21772826	TPRG1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11074047	0.237158	0.425562	-2.34984	0.113698	0.305058	-3.27807	0.170038	0.364897	-2.7405	0.102066	0.291003	-3.43639	3.18382	23.9962	6.69948	1
cg13290371	0.946754	1.03175	1.03175	0.314739	1.62664	1.62664	0.129069	0.464148	-2.15448	0.11521	2.22886	2.22886	3.18381	11.0433	3.08318	1
cg14792180	0.169179	1.49456	1.49456	0.0110346	2.39794	2.39794	0.476354	1.21978	1.21978	0.124195	0.633363	-1.57887	3.1838	3.79505	1.05954	1
cg26489750	0.0464528	0.127203	-7.86142	0.0497595	0.132209	-7.56376	0.0573088	0.143122	-6.98703	0.185867	0.281361	-3.55415	3.18375	41.2135	11.5066	1
cg09032973	0.219737	1.81901	1.81901	0.247739	1.75113	1.75113	0.0109273	4.39733	4.39733	0.0878987	2.39466	2.39466	3.18374	10.8384	3.02603	1
cg09591524	0.145302	5.87224	5.87224	0.257574	3.8091	3.8091	0.010069	39.4984	39.4984	0.023335	21.4948	21.4948	3.1837	64.6091	18.0389	1
cg06896919	0.613333	0.888039	-1.12608	0.0281118	1.83002	1.83002	0.901817	0.97165	-1.02918	0.381166	0.811143	-1.23283	3.18369	2.73797	0.764442	1
cg12548176	0.0375833	0.173431	-5.76597	0.00789464	0.0841844	-11.8787	0.0812998	0.245761	-4.069	0.132424	0.307532	-3.25169	3.18368	26.5941	7.4251	1
cg09758595	0.803439	1.07717	1.07717	0.00337254	0.304689	-3.28204	0.538697	0.830664	-1.20386	0.809412	1.07468	1.07468	3.18367	4.47953	1.2507	1
cg26607785	0.198896	0.667651	-1.49779	0.025092	0.45251	-2.2099	0.151452	1.57994	1.57994	0.135036	0.619124	-1.61519	3.18366	4.46531	1.24673	1
cg24336123	0.825224	0.901265	-1.10955	0.00333781	0.152958	-6.53773	0.0593552	0.367705	-2.71957	0.59687	1.28517	1.28517	3.18366	11.1397	3.11025	1
cg23013853	0.0643132	0.266934	-3.74624	0.0083764	0.117619	-8.502	0.0433134	0.22837	-4.37886	0.202618	0.425414	-2.35065	3.18365	20.3567	5.68368	1
cg23751724	0.134515	1.2622	1.2622	0.79227	0.962627	-1.03882	0.449556	1.11761	1.11761	0.0724414	1.33544	1.33544	3.18365	1.05001	0.293168	1
cg18768338	0.129273	0.527112	-1.89713	0.13898	0.536784	-1.86295	0.0111165	0.288352	-3.46798	0.871984	0.938944	-1.06503	3.18362	7.69514	2.14854	1
cg14690467	0.440685	1.1974	1.1974	0.619574	1.1215	1.1215	0.95298	1.0136	1.0136	0.11152	0.672248	-1.48755	3.18361	2.64674	0.738989	1
cg01189604	0.665176	1.11302	1.11302	0.153694	0.686863	-1.4559	0.563798	1.15431	1.15431	0.290833	0.763711	-1.3094	3.18359	3.04919	0.851361	1
cg04313565	0.415903	0.842843	-1.18646	0.00616793	0.479727	-2.08452	0.692921	1.08503	1.08503	0.229642	0.771686	-1.29586	3.18358	2.13171	0.595197	1
cg23250973	0.0428756	3.25492	3.25492	0.0213037	0.246239	-4.0611	0.379185	1.57911	1.57911	0.891984	1.07122	1.07122	3.18355	12.9298	3.61015	1
cg19915762	0.477883	0.726879	-1.37574	0.00718389	0.215641	-4.63733	0.290638	0.615817	-1.62386	0.0331562	0.332553	-3.00704	3.18355	9.8539	2.75133	1
cg26475085	0.0655617	0.41135	-2.43102	0.017538	0.288676	-3.46409	0.0547417	0.391994	-2.55106	0.0523665	0.38738	-2.58145	3.18355	9.31524	2.60094	1
cg01613294	0.20367	0.657676	-1.52051	0.510771	0.81193	-1.23163	0.0227219	0.426691	-2.34362	0.0158498	0.397348	-2.51669	3.18355	4.91853	1.37332	1
cg01167578	0.283485	1.31088	1.31088	0.0357053	0.552227	-1.81085	0.0761872	1.61496	1.61496	0.767047	0.930373	-1.07484	3.18349	2.97558	0.830836	1
cg16413763	0.109872	0.265067	-3.77263	0.0243944	0.12957	-7.71786	0.100538	0.253963	-3.93759	0.177402	0.335497	-2.98065	3.18348	29.2656	8.17152	1
cg19595092	0.706462	1.22258	1.22258	0.00307471	0.116183	-8.60712	0.0736803	0.346766	-2.88379	0.054124	0.313155	-3.19331	3.18348	14.2254	3.972	1
cg03859395	0.190502	0.559191	-1.7883	0.0425786	0.375697	-2.66172	0.657397	0.829316	-1.20581	0.976913	0.98794	-1.01221	3.18345	8.86383	2.47497	1
cg07146507	0.144844	0.702978	-1.42252	0.138543	1.43174	1.43174	0.489452	0.853828	-1.1712	0.646068	0.901162	-1.10968	3.18345	2.55393	0.713114	1
cg13877670	0.810664	1.09534	1.09534	0.232057	0.621532	-1.60893	0.0934033	0.496489	-2.01414	0.263683	0.642682	-1.55598	3.18343	7.25892	2.02686	1
cg06647068	0.205449	0.301028	-3.32195	0.00875064	0.0497146	-20.1148	0.0727907	0.165497	-6.04242	0.0637481	0.153651	-6.50826	3.1834	40.7237	11.3711	1
cg02190353	0.897212	0.936864	-1.06739	0.789652	0.873791	-1.14444	0.393565	1.55424	1.55424	0.0542919	0.332203	-3.01021	3.1834	12.8375	3.58457	1
cg04649769	0.263669	1.37622	1.37622	0.277431	1.36284	1.36284	0.123189	1.58041	1.58041	0.0661353	0.568407	-1.7593	3.18338	3.787	1.05743	1
cg07515250	0.110879	0.560233	-1.78497	0.00229755	0.241375	-4.14293	0.937883	1.02634	1.02634	0.163626	0.609035	-1.64194	3.18335	5.60976	1.56641	1
cg22225943	0.78901	1.12286	1.12286	0.398357	1.45296	1.45296	0.00229829	6.30295	6.30295	0.0873237	2.26047	2.26047	3.18333	9.41171	2.62806	1
cg09042411	0.946763	1.01861	1.01861	0.989926	0.996519	-1.00349	0.0067409	2.63814	2.63814	0.242315	1.40204	1.40204	3.1833	3.84488	1.07363	1
cg05291427	0.0183417	0.389092	-2.57009	0.80654	1.08428	1.08428	0.355382	1.36826	1.36826	0.924827	0.969354	-1.03161	3.18329	5.48373	1.53125	1
cg11360819	0.281184	1.13609	1.13609	0.482531	1.0847	1.0847	0.388759	0.904273	-1.10586	0.00449498	1.53953	1.53953	3.18326	0.654272	0.182698	1
cg22193276	0.0524182	0.448154	-2.23137	0.0677323	0.474908	-2.10567	0.717108	1.14157	1.14157	0.927181	1.03382	1.03382	3.18326	6.67538	1.86402	1
cg26528484	0.931866	1.03764	1.03764	0.452683	1.39176	1.39176	0.0966428	0.454709	-2.19921	0.0298806	0.331497	-3.01662	3.18322	9.41303	2.62851	1
cg19427872	0.0287873	0.536799	-1.86289	0.177989	0.707983	-1.41246	0.480609	0.841152	-1.18885	0.329639	0.784487	-1.27472	3.1832	2.93471	0.8195	1
cg01734062	0.0404851	5.50318	5.50318	0.0103526	10.2532	10.2532	0.0219411	7.25133	7.25133	0.111396	3.48947	3.48947	3.18317	26.1867	7.31256	1
cg19271175	0.347104	0.752633	-1.32867	0.524366	1.20849	1.20849	0.638382	1.14906	1.14906	0.698375	0.891989	-1.12109	3.18315	4.34354	1.21293	1
cg18184349	0.971961	1.00525	1.00525	0.0136689	0.634717	-1.57551	0.999738	1.00005	1.00005	0.635515	0.931306	-1.07376	3.18315	1.12003	0.312765	1
cg11109091	0.00745273	0.473869	-2.11029	0.0391746	1.67742	1.67742	0.965246	0.990601	-1.00949	0.0538336	1.60716	1.60716	3.18312	2.36809	0.66129	1
cg12742018	0.0522811	0.650035	-1.53838	0.0203159	0.579334	-1.72612	0.747242	0.938852	-1.06513	0.811104	1.04783	1.04783	3.18309	1.91958	0.536048	1
cg14838801	0.0909048	0.687578	-1.45438	0.048176	1.57488	1.57488	0.467865	0.861942	-1.16017	0.541515	0.88311	-1.13236	3.18309	2.03935	0.569496	1
cg11634705	0.167019	0.513492	-1.94745	0.101454	0.444266	-2.25091	0.918732	1.04726	1.04726	0.153441	0.500794	-1.99683	3.18307	10.3197	2.88182	1
cg23297972	0.622177	0.790084	-1.26569	0.098619	0.423525	-2.36113	0.367625	1.55117	1.55117	0.308485	0.606521	-1.64875	3.18304	11.3442	3.16795	1
cg00745731	0.0183821	0.191064	-5.23385	0.215991	0.470782	-2.12413	0.332445	0.56075	-1.78333	0.367061	0.585024	-1.70933	3.18304	16.8752	4.71253	1
cg14295915	0.0166339	0.013206	-75.7233	?	?	?	0.147481	8.90986	8.90986	0.92359	1.14063	1.14063	3.85117	97.1168	18.9131	1
cg18888137	0.274199	1.34363	1.34363	0.0530576	1.76944	1.76944	0.0279871	1.96203	1.96203	0.919309	0.974037	-1.02665	3.18294	3.39739	0.948778	1
cg12408299	0.382158	1.21263	1.21263	0.00296298	0.415881	-2.40453	0.291761	0.790332	-1.26529	0.363233	0.817913	-1.22262	3.18293	2.33244	0.651376	1
cg16525762	0.311359	1.29157	1.29157	0.206195	1.38503	1.38503	0.455416	1.20408	1.20408	0.348134	0.789806	-1.26613	3.18292	3.00819	0.840092	1
cg16468773	0.210066	2.71429	2.71429	0.0224853	7.89636	7.89636	0.0387599	6.10541	6.10541	0.0123906	10.5202	10.5202	3.18284	28.8074	8.0452	1
cg24581326	0.364068	1.46206	1.46206	0.358784	0.680937	-1.46856	0.00192222	5.97992	5.97992	0.491076	1.32955	1.32955	3.18284	8.36031	2.33483	1
cg18317933	0.347803	0.764087	-1.30875	0.42734	0.79805	-1.25305	0.945778	1.01911	1.01911	0.00377812	0.33697	-2.96762	3.18284	3.9057	1.09077	1
cg13013179	0.88175	1.07971	1.07971	0.849188	1.10305	1.10305	0.187845	0.487202	-2.05254	0.633478	0.780742	-1.28083	3.18283	13.3817	3.73718	1
cg14797413	0.0601762	0.725873	-1.37765	0.611549	1.08047	1.08047	0.790434	0.960548	-1.04107	0.172321	0.802898	-1.24549	3.18281	1.15125	0.321518	1
cg10380221	0.0691806	0.286709	-3.48786	0.00977205	0.13432	-7.44488	0.791998	1.17633	1.17633	0.032446	0.214703	-4.6576	3.18278	19.0311	5.31501	1
cg17861791	0.390462	1.1076	1.1076	0.0014847	0.587241	-1.70288	0.469719	0.91813	-1.08917	0.979704	0.99705	-1.00296	3.18277	0.679879	0.189878	1
cg14726117	0.156357	0.633253	-1.57915	0.110235	0.591843	-1.68964	0.331522	0.73942	-1.35241	0.172954	0.645978	-1.54804	3.18274	4.57683	1.27823	1
cg01383997	0.297559	0.861232	-1.16113	0.0964822	1.28719	1.28719	0.439145	1.11534	1.11534	0.0143763	1.51805	1.51805	3.18274	0.964689	0.269422	1
cg00540637	0.231824	0.773236	-1.29327	0.0103962	1.93816	1.93816	0.202702	0.758968	-1.31758	0.71426	0.927361	-1.07833	3.18272	2.11991	0.592061	1
cg10404717	0.245211	0.692913	-1.44318	0.268852	0.706575	-1.41528	0.028636	0.451832	-2.21321	0.631389	1.1561	1.1561	3.43775	4.78838	1.08335	1
cg05592398	0.41735	0.932316	-1.0726	0.198096	0.891349	-1.12189	0.093798	0.855719	-1.16861	0.152803	1.13823	1.13823	3.18267	0.360406	0.100658	1
cg17740179	0.542598	0.771023	-1.29698	0.428931	0.711275	-1.40593	0.884037	1.06351	1.06351	0.794247	1.11658	1.11658	3.18267	8.97251	2.50594	1
cg21630044	0.409598	1.45064	1.45064	0.012231	0.252362	-3.96257	0.203472	1.80781	1.80781	0.0354997	2.94408	2.94408	3.18266	9.80827	2.73936	1
cg22719559	0.114473	2.25386	2.25386	0.46858	0.705338	-1.41776	0.817111	0.896142	-1.11589	0.0446907	0.335881	-2.97725	3.18263	11.2947	3.15454	1
cg13263274	0.0706056	1.38601	1.38601	0.0086353	1.71766	1.71766	0.0408681	0.682953	-1.46423	0.87864	1.02499	1.02499	3.1826	1.31565	0.367455	1
cg18196333	0.0619139	0.54859	-1.82286	0.204593	1.46566	1.46566	0.93829	0.97813	-1.02236	0.584066	0.853941	-1.17104	3.1826	4.11131	1.14827	1
cg15768443	0.169944	1.74215	1.74215	0.00149172	0.175641	-5.69342	0.812945	0.913913	-1.0942	0.741415	0.881832	-1.134	3.1826	7.26927	2.03029	1
cg14540913	0.572705	1.18584	1.18584	0.135956	0.618474	-1.61688	0.304541	1.37435	1.37435	0.977615	1.00843	1.00843	3.18259	4.5078	1.25902	1
cg06513979	0.0426509	2.66459	2.66459	0.0267807	3.00965	3.00965	0.0553989	2.48894	2.48894	0.213449	1.73354	1.73354	3.18258	8.88895	2.48267	1
cg14235271	0.0953588	0.701552	-1.42541	0.130198	0.72891	-1.37191	0.167115	0.752081	-1.32964	0.0325386	0.616291	-1.62261	3.18256	1.8863	0.526845	1
cg20499859	0.0169097	0.530603	-1.88465	0.185229	0.736701	-1.3574	0.924776	1.02075	1.02075	0.853133	1.04113	1.04113	3.18253	2.38439	0.665966	1
cg05324732	0.0634276	1.20893	1.20893	0.0598406	1.21291	1.21291	0.164534	1.14431	1.14431	0.302189	1.10204	1.10204	3.18253	0.416494	0.116328	1
cg24531955	0.725557	0.867452	-1.1528	0.00360394	0.203938	-4.90346	0.972328	0.986103	-1.01409	0.045337	0.396026	-2.52509	3.18252	8.20461	2.29158	1
cg08923355	0.914368	1.05555	1.05555	0.00855436	0.185231	-5.39867	0.221002	0.52378	-1.9092	0.0484745	0.322033	-3.10527	3.1825	12.7343	3.55676	1
cg23115136	0.683648	0.883224	-1.13222	0.0844163	1.78348	1.78348	0.422656	1.28177	1.28177	0.500545	0.812821	-1.23028	3.18249	4.63042	1.2933	1
cg19749001	0.786911	1.08893	1.08893	0.0598168	1.94988	1.94988	0.928815	1.02849	1.02849	0.405738	0.765318	-1.30665	3.18248	4.98337	1.39189	1
cg27546699	0.03363	0.421879	-2.37035	0.00794434	0.306158	-3.26629	0.0843744	0.514803	-1.94249	0.899982	0.957213	-1.0447	3.18244	6.09627	1.70275	1
cg04460816	0.931695	0.976729	-1.02383	0.0290442	0.493259	-2.02733	0.0108252	0.415169	-2.40866	0.68126	0.892759	-1.12012	3.18243	3.80246	1.06207	1
cg19177627	0.118921	5.37963	5.37963	0.00718977	31.4859	31.4859	0.0209849	15.8132	15.8132	0.0496167	9.27025	9.27025	3.22689	44.901	13.9147	1
cg04834770	0.467106	0.790203	-1.2655	0.781842	0.915455	-1.09235	0.982893	0.993201	-1.00685	0.00713023	0.330926	-3.02182	3.18233	5.10343	1.42549	1
cg21835903	0.755686	0.850671	-1.17554	0.132903	0.431656	-2.31666	0.0580191	3.03515	3.03515	0.642414	0.784824	-1.27417	3.18232	13.5324	3.77988	1
cg16096096	0.509342	0.896785	-1.11509	0.386732	0.865542	-1.15535	0.181523	1.25965	1.25965	0.234777	1.22468	1.22468	3.18231	1.33496	0.372884	1
cg26847503	0.152407	0.46919	-2.13133	0.038629	0.306513	-3.26251	0.5913	0.765221	-1.30681	0.0691693	0.366492	-2.72858	3.18229	12.283	3.43094	1
cg18049474	0.609257	0.848165	-1.17902	0.0569628	0.502522	-1.98996	0.770981	1.09773	1.09773	0.322827	0.721641	-1.38573	3.18229	5.14314	1.4366	1
cg26744056	0.765228	0.92714	-1.07859	0.559019	0.861345	-1.16097	0.0278571	1.92813	1.92813	0.839312	0.950005	-1.05263	3.18227	3.21605	0.898323	1
cg05862114	0.80991	0.953602	-1.04866	0.242654	1.2726	1.2726	0.978079	1.00543	1.00543	0.374789	0.835609	-1.19673	3.18227	1.95892	0.547178	1
cg01076495	0.553309	0.829334	-1.20579	0.0444404	0.486608	-2.05504	0.0255217	2.28911	2.28911	0.193734	0.651092	-1.53588	3.18226	4.90778	1.37087	1
cg22982173	0.175841	1.27812	1.27812	0.591468	0.911768	-1.09677	0.419335	1.15105	1.15105	0.161203	1.2906	1.2906	3.18225	1.46494	0.409197	1
cg10658666	0.105738	5.00776	5.00776	0.863572	0.854883	-1.16975	0.00714871	23.7294	23.7294	0.524272	1.80094	1.80094	3.1822	41.8884	11.7008	1
cg04790154	0.317667	0.5969	-1.67532	0.0340554	0.290604	-3.4411	0.015304	0.225959	-4.42558	0.0430699	0.312596	-3.19902	3.18219	12.5778	3.5134	1
cg25843698	0.0792804	0.525614	-1.90254	0.183608	0.627651	-1.59324	0.0053559	0.297919	-3.35662	0.415328	0.759662	-1.31638	3.18217	5.49349	1.53452	1
cg15992843	0.7076	0.95259	-1.04977	0.0234886	1.4174	1.4174	0.141096	0.815433	-1.22634	0.165493	0.826402	-1.21006	3.18214	0.837439	0.233928	1
cg16070018	0.772689	0.757721	-1.31975	0.833092	1.22398	1.22398	0.0123295	21.9972	21.9972	0.122515	5.06553	5.06553	3.43706	48.8568	11.0559	1
cg14476562	0.120745	3.0785	3.0785	0.284556	2.10184	2.10184	0.0906599	3.47504	3.47504	0.600219	1.42385	1.42385	3.18212	22.503	6.28596	1
cg24858658	0.526356	1.16725	1.16725	0.426968	1.21578	1.21578	0.666078	0.900697	-1.11025	0.38185	0.805692	-1.24117	3.18211	2.92457	0.816946	1
cg27236629	0.346272	0.578403	-1.7289	0.151473	2.381	2.381	0.0496256	0.282453	-3.54041	0.106367	2.70562	2.70562	3.18211	16.0575	4.4855	1
cg11704513	0.0584956	2.09495	2.09495	0.00236238	4.33735	4.33735	0.902693	1.04322	1.04322	0.050081	2.16605	2.16605	3.1821	6.03212	1.68501	1
cg20917920	0.192253	0.529238	-1.88951	0.96446	0.979667	-1.02075	0.812786	1.11559	1.11559	0.59237	0.779453	-1.28295	3.18208	10.7117	2.99223	1
cg15073264	0.520509	1.38164	1.38164	0.0176251	0.23857	-4.19164	0.209642	0.518791	-1.92756	0.391204	0.6466	-1.54655	3.18207	12.4144	3.46789	1
cg21657955	0.0618848	0.602505	-1.65974	0.00207868	0.351907	-2.84166	0.409372	0.816018	-1.22546	0.989916	0.996959	-1.00305	3.18201	2.92633	0.817466	1
cg05722611	0.30699	1.31169	1.31169	0.0163909	0.471134	-2.12254	0.903786	1.03151	1.03151	0.10474	1.57599	1.57599	3.18193	3.31682	0.926572	1
cg21629384	0.631025	0.89	-1.1236	0.0135258	0.478998	-2.08769	0.196307	0.719625	-1.38961	0.0299873	0.540743	-1.84931	3.18193	2.92246	0.816405	1
cg13885451	0.489873	0.911089	-1.09759	0.484557	0.910014	-1.09888	0.226408	0.844836	-1.18366	0.0298689	1.40389	1.40389	3.18192	0.888083	0.248091	1
cg05897091	0.0725081	0.636989	-1.56988	0.0194762	1.88816	1.88816	0.550779	1.14551	1.14551	0.867977	1.03815	1.03815	3.18191	2.55259	0.713083	1
cg04931184	0.238828	1.25231	1.25231	0.218437	0.789714	-1.26628	0.69918	1.07339	1.07339	0.406567	0.856547	-1.16748	3.18189	1.67617	0.468252	1
cg12089656	0.344508	0.478918	-2.08804	0.0249638	0.133031	-7.51705	0.0236902	0.129765	-7.70625	0.0736864	0.221441	-4.51588	3.18188	28.8112	8.04869	1
cg16923137	0.0914078	0.491754	-2.03354	0.0240791	0.357985	-2.79342	0.047028	0.419823	-2.38196	0.521495	0.780289	-1.28158	3.18184	7.34671	2.0524	1
cg07563943	0.0667545	1.83671	1.83671	0.0192048	2.31167	2.31167	0.141795	1.59558	1.59558	0.410582	0.77966	-1.28261	3.18182	4.40888	1.23169	1
cg18716083	0.0807782	0.551803	-1.81224	0.578484	0.841706	-1.18806	0.506133	1.23014	1.23014	0.609075	0.853537	-1.1716	3.18174	4.75058	1.32718	1
cg11294269	0.75155	1.03962	1.03962	0.00803775	1.51502	1.51502	0.231737	0.857745	-1.16585	0.124582	0.815933	-1.22559	3.18174	0.754204	0.210704	1
cg20425130	0.0375358	2.19916	2.19916	0.016191	2.61324	2.61324	0.0425573	2.14383	2.14383	0.469142	0.786225	-1.2719	3.18171	5.3742	1.50141	1
cg14355482	0.99283	0.995895	-1.00412	0.163366	0.506125	-1.97579	0.310726	1.61626	1.61626	0.588721	1.28387	1.28387	3.18167	10.5587	2.94986	1
cg00012692	0.400644	0.634604	-1.57579	0.0805149	2.78617	2.78617	0.350055	1.66271	1.66271	0.241107	1.91296	1.91296	3.18164	14.0795	3.93354	1
cg06234941	0.0250591	0.349302	-2.86285	0.876329	0.940393	-1.06338	0.0487739	0.411444	-2.43047	0.0766719	0.45977	-2.175	3.18164	7.84697	2.19229	1
cg24001070	0.855545	0.955272	-1.04682	0.0190028	2.04021	2.04021	0.0621318	1.69442	1.69442	0.295768	1.31291	1.31291	3.18161	3.17716	0.887647	1
cg12921342	0.10431	1.36314	1.36314	0.0639037	1.43812	1.43812	0.11168	0.739159	-1.35289	0.215567	1.25533	1.25533	3.18161	1.53371	0.428493	1
cg15410169	0.289795	1.40156	1.40156	0.00370445	3.33649	3.33649	0.0512819	1.97764	1.97764	0.0972695	1.74917	1.74917	3.18153	4.7569	1.32903	1
cg25114580	0.308328	1.20733	1.20733	0.137451	0.751381	-1.33088	0.0551882	0.67813	-1.47464	0.841786	1.03636	1.03636	3.18152	1.6088	0.449485	1
cg21647114	0.216605	0.756583	-1.32173	0.867728	0.964871	-1.03641	0.302917	1.25727	1.25727	0.657544	0.90872	-1.10045	3.18151	2.31924	0.647979	1
cg06222048	0.016537	0.609626	-1.64035	0.164636	0.778335	-1.28479	0.390119	0.861696	-1.1605	0.383256	1.16315	1.16315	3.1815	1.43962	0.402219	1
cg09254686	0.22191	0.896069	-1.11599	0.00558837	0.732671	-1.36487	0.238553	0.899857	-1.11129	0.159333	1.13719	1.13719	3.18149	0.368173	0.102865	1
cg02587129	0.899383	0.976545	-1.02402	0.0970413	0.710544	-1.40737	0.0810331	0.695613	-1.43758	0.0230035	0.600381	-1.66561	3.18149	1.77387	0.495609	1
cg04144226	0.581638	0.902945	-1.10749	0.166728	0.763021	-1.31058	0.847694	0.96534	-1.0359	0.0737916	1.44141	1.44141	3.18146	1.69585	0.473813	1
cg12451155	0.311231	0.704779	-1.41888	0.00482916	0.286957	-3.48484	0.602302	1.19193	1.19193	0.0602164	0.492714	-2.02957	3.18145	5.61922	1.56999	1
cg13423371	0.319913	1.32553	1.32553	0.100737	0.610849	-1.63707	0.623385	1.14534	1.14534	0.779132	0.925808	-1.08014	3.18143	3.78795	1.05835	1
cg06440946	0.0788627	2.07866	2.07866	0.845458	0.92944	-1.07592	0.0498037	0.43215	-2.31401	0.15113	1.78039	1.78039	3.18141	7.0842	1.97933	1
cg23895729	0.195642	1.86809	1.86809	0.00548171	0.188701	-5.29939	0.334721	0.634911	-1.57502	0.0878997	0.423144	-2.36326	3.1814	10.5056	2.93529	1
cg22434409	0.0730548	0.757783	-1.31964	0.0806328	0.764293	-1.3084	0.729918	0.953058	-1.04925	0.577322	1.08124	1.08124	3.1814	0.969769	0.270956	1
cg23110514	0.172224	0.361638	-2.76519	0.00395392	0.0663136	-15.0799	0.0978333	0.280463	-3.56554	0.045666	0.2011	-4.97266	3.18134	24.6889	6.89826	1
cg05269534	0.928882	1.02305	1.02305	0.230675	1.37859	1.37859	0.301764	0.760965	-1.31412	0.63166	0.883977	-1.13125	3.18133	3.28479	0.917796	1
cg26898352	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26496917	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21788710	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00343906	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01470323	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26056527	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21772826	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	t(Error
cg25369262	TSPAN1	0.0588906	0.0382307	1.62675	0.919325	1.382154	0.54199	-2.16455	0.82255	1.21352	0.2139	1.09068881	0.307106	-4.82845	0.0222247	2.00943377	0.0102	2.231434	0.13911	-2.94889	0.0142456	0.0739213	0.13979	-13.5279	0.0339177	0.113425	-8.44413	0.0428766	0.134271	-7.44762	1.18118	37.3995	10.4502	1
cg01195053	LOC652276	0.0588039	0.0699733	4.61047	0.613155	1.554833	0.44421	1.44421	0.155679	3.12008	3.12008	0.00656905	0.0652135	-15.3343	0.371341	1.97472	1.97472	?	?	?	0.837796	0.859011	-1.16413	0.266926	2.36967	2.36967	0.47456	0.582494	-1.71676	3.4793	26.3464	6.62577	1
cg12104984	AAAS	0.058894	0.109285	2.8107	2.8107	0.6582225	3.39277	3.39277	0.467903	1.54825	1.54825	0.456147	1.56702	1.56702	0.967121	1.02469	1.02469	0.0433708	0.25233	-3.95523	0.294767	1.90234	1.90234	0.745073	0.824412	-1.21299	0.0143194	0.167415	-5.9732	1.18111	17.6466	4.93094	1
cg20663495	B3GNTL1	0.0589952	0.0406057	2.312583	-3.19915	0.0119269	0.213576	-4.68214	0.0225816	0.260908	-3.83278	0.246709	0.151021	-1.81481	0.0496093	3.53218	-3.01041	0.0709363	0.360716	-2.70404	0.0288819	0.281484	-3.5526	0.121437	0.837073	-2.2845	0.599456	0.770482	-1.29789	1.18108	12.1661	3.40796	1
cg24452282	TNF	0.0589958	0.0870372	3.666808	-2.72622	0.105866	0.391629	-2.55343	0.0376273	0.278053	-3.59644	0.011834	0.188636	-3.30121	0.0066535	0.153536	-6.51311	0.320779	0.580162	-1.72366	0.183534	0.457285	-2.11464	0.126136	0.415496	-2.40676	0.161189	0.451946	-2.21265	1.18107	14.1911	3.96544	1
cg02172627	TRIM41;TRIM41	0.0588074	0.00772949	0.441239	-2.26634	0.549983	1.15561	1.15561	0.246584	1.33607	1.33607	0.766211	0.931383	-1.07739	0.471506	0.839343	-1.19141	0.0844158	0.633534	-1.57845	0.249401	0.749871	-1.33356	0.599884	0.848115	-1.13493	0.0128689	0.477815	-2.09286	1.18104	2.88065	0.804938	1
cg25705900	RNF144A	0.0588077	0.1934351	1.16792	1.16792	0.079517	1.24551	1.24551	0.0126284	1.41873	1.41873	0.233717	0.868639	-1.15123	0.13186	1.20137	1.20137	0.807468	1.02792	1.02792	0.755971	1.03579	1.03579	0.264488	0.870351	-1.14018	0.0686046	0.794586	-1.25852	1.18103	0.6410335	0.179127	1
cg01495363	LOC100287216;SH3RF3	0.0588092	0.0291103	2.140489	-4.5323	0.0252954	0.303823	-3.29139	0.402256	0.621856	-1.60809	0.281835	0.558056	-1.85854	0.0376588	0.203141	-4.95026	0.297674	0.549755	-1.81899	0.0472567	0.28412	-3.5184	0.0972683	0.14055	-6.82361	0.199303	0.471637	-2.12027	1.181	15.4715	4.32332	1
cg21022768	ACTB;2;ACTB;2	0.0589015	0.559023	1.05988	1.05988	0.03311032	1.4889	1.4889	0.840708	1.02	1.02	0.63808	0.954441	-1.04773	0.368075	1.10235	1.10235	0.317527	1.10704	1.10704	0.138075	1.10207	0.770124	0.9716	-1.02923	0.0116412	0.163389	1.36389	1.18095	0.4879711	0.136359	1
cg06190677	RPL39L	0.0589017	0.0450565	135.133	135.133	0.978269	0.943547	-1.05983	0.0989393	47.4428	47.4428	0.458973	0.185619	-5.38737	?	?	?	0.435156	0.18292	-5.46686	0.112352	0.0250249	-39.9602	0.0316254	216.147	216.147	0.0633863	85.9606	85.9606	3.2254	206.672	64.0764	1
cg00019347	TRPV1;TRPV1;TRPV1;TRPV1	0.0589032	0.352494	8.83854	-1.10525	0.0128742	1.58303	1.58303	0.0787894	1.43229	1.43229	0.0738831	0.984318	-1.06562	0.0083759	1.53795	-1.85889	0.736756	1.06406	-1.06406	0.383077	1.21694	1.21694	0.444044	0.0967844	1.15444	1.15444	0.777811	0.949265	-1.05345	1.18092	1.70659	0.476897	1
cg00266647	WNK1;HSN2	0.0589046	0.740817	1.05573	0.0411947	0.68057	-1.46936	0.305506	0.84084	-1.18929	0.142406	1.29386	1.29386	0.0133866	1.6495	1.6495	1.6495	0.630265	1.08247	1.08247	0.0829983	1.36835	1.36835	0.206618	0.800425	-1.24312	0.709992	0.940796	-1.06293	1.18089	1.34478	0.375795	1
cg11809153	B8C3;B8C3;B8C3;B8C3	0.0589067	0.0319918	0.79963	-1.25098	0.294799	0.906549	-1.10308	0.119773	0.858634	-1.16464	0.0846992	0.841833	-1.18788	0.0729019	0.83419	-1.19877	0.229463	0.892138	-1.1209	0.00862646	0.737143	-1.35658	0.204938	0.11924	-8.39404	0.117582	0.120888	0.810888	0.180484	0.4107247	0.114784	1
cg03192955	SIM1	0.0589074	0.108154	2.1709	2.1709	0.226923	1.75247	1.75247	0.20817	1.7683	1.7683	0.447122	0.709876	-1.4087	0.412773	1.44819	1.44819	0.198367	1.82421	1.82421	0.156929	1.95325	1.95325	0.00175064	7.18943	7.18943	0.174202	1.89507	1.89507	1.83083	9.82447	2.75329	1
cg20690916	TAF7;TAF7	0.0589094	0.0385046	1.7667	1.7667	0.530671	1.16274	1.16274	0.464383	1.19337	1.19337	0.157339	0.698386	-1.43187	0.0104675	0.465348	-2.14893	0.722558	0.918853	-1.08831	0.956995	1.01288	1.01288	0.119813	1.49279	1.49279	0.178691	1.40378	1.40378	1.80878	2.83901	0.793377	1
cg14983293	C11orf16;DCUN1D3;LYRM1;LYRM1;LYRM1;LYRM	0.0589096	0.0900158	0.597022	-1.67498	0.885885	0.961117	-1.04046	0.0819769	0.654856	-1.6264	0.99128	0.996986	-1.00302	0.0244265	0.476828	-2.09716	0.0339527	0.504728	-1.98126	0.0061952	0.375132	-2.68002	0.857851	1.0888	1.0888	0.26016	0.722967	-1.38319	1.18078	3.84272	1.07387	1
cg00399115	1	0.0589103	0.83747	0.965502	-1.03466	0.134046	1.3074	1.3074	0.392608	1.15636	1.15636	0.194783	0.796517	-1.25547	0.0590391	0.702199	-1.4241	0.0720586	0.716731	-1.39522	0.00576974	0.548784	-1.82321	0.978541	0.995548	-1.00447	0.790037	0.956698	-1.04526	1.18077	1.38617	0.387727	1
cg01088561	ATP10D	0.0589121	0.6594	1.161	1.161	0.0440576	2.17865	2.17865	0.0191146	2.59743	2.59743	0.18269	0.621296	-1.60954	0.203503	0.63651	-1.57107	0.560833	0.820422	-1.21888	0.037497	0.397307	0.449636	-2.2541	0.621214	0.845655	-1.18252	0.540191	1.23209	1.18073	5.70667	1.59479	1
cg10448109	PAICS;PAICS;PPAT;PAICS;PAICS	0.0589121	0.408594	0.841785	-1.18795	0.444857	1.172	1.172	0.178645	1.33799	1.33799	0.0599176	0.648859	-1.54117	0.0492748	0.632905	-1.57979	0.959894	0.980805	-1.0103	0.0203296	0.56555	-1.76819	0.129464	1.39628	1.39628	0.271238	1.26289	1.26289	1.18073	2.09175	0.584562	1
cg25476221	FAM109A	0.0589126	0.155185	1.30267	1.30267	0.0407737	1.07742	1.07742	0.667548	1.078	1.078	0.479153	1.13321	1.13321	0.13732	1.3072	1.3072	0.288031	1.21135	1.21135	0.33572	1.13552	1.13552	0.0482153	1.14884	1.14884	0.0047852	2.21964	2.21964	0.251167	1.23172	1.23172	1.18072	1.52214	0.425381	1
cg17389928	ITGA9	0.0589136	0.461348	0.798068	-1.25303	0.17393	0.645727	-1.54864	0.00346492	0.930125	-3.29897	0.0816295	0.559633	-1.78089	0.0013866	1.6495	1.6495	0.630265	1.08247	1.08247	0.0829983	1.36835	1.36835	0.206618	0.800425	-1.24312	0.709992	0.940796	-1.06293	1.18089	1.34478	0.375795	1
cg17110230	SLC27A1	0.0589137	0.0564502	1.42456	3.44256	0.035312	1.39456	1.39456	0.0158688	1.83588	1.83588	0.108551	2.72544	2.72544	0.0499359	1.59433	1.59433	0.0251844	1.83753	1.83753	0.0235235	1.67915	1.67915	0.0129308	1.4297	1.4297	0.184547	2.23922	2.23922	0.0208574	1.66933	1.40207	1.18072	1.56734	0.536254	1
cg23756442	TRIM27	0.0589141	0.0865284	0.290101	-3.44708	0.00369861	0.0770026	-12.9866	0.0252313	0.175638	-5.69352	0.65875	0.747975	-1.33694	0.0434651	0.219213	4.56177	0.317559	0.509013	-1.96458	0.099387	0.307104	-3.25623	0.180743	0.394988	-2.53172	0.762318	0.820158	-1.21928	1.18069	21.5206	6.01426	1
cg25562834	PHC1	0.0589144	0.610838	1.13853	1.13853	0.0407748	3.56987	3.56987	0.993696	1.00427	1.00427	0.223716	1.99123	1.99123	0.0135462	2.272489	-3.66988	0.410755	0.653576	-1.57337	0.0143554	0.166552	-5.08512	0.20522	0.486673	-2.05477	0.837388	0.895182	-1.11709	1.18068	14.6248	4.08713	1
cg10178263	ANKRD34A	0.0589151	0.0465872	2.248533	-4.03561	0.327912	2.7639	2.7639	0.0178404	2.509273	2.509273	0.146359	0.511569	1.36732	1.36732	0.0420955	2.38732	0.0059008	0.97383	-1.02683	0.881511	0.685212	-1.49586	0.762411	0.830979	-1.20349	0.718266	1.24773	1.24773	1.24077	1.18068	18.7988	5.21563	1
cg20012024	F11R	0.0589153	0.0486348	0.329232	-3.03738	0.630125	1.27042	1.27042	0.933827	1.04181	1.04181	0.0505687	0.333187	-3.00132	0.0327645	0.291673	-3.42849	0.0278311	0.277378	-3.60519	0.0346756	0.296799	-3.36929	0.0591132	0.349513	-2.86113	0.0816056	0.385943	-2.59305	1.18066	12.2575	3.42555	1
cg26888181	CHI3L2;CHI3L2;CHI3L2	0.0589174	0.0385337	0.684948	-1.4596	0.884572	1.0312	1.0312	0.913543	1.19543	1.19543	0.604994	1.021257	1.021257	0.0597082	1.510356	1.510356	1.103852	1.122009	1.122009	0.597586	1.103852	1.103852	0.0003275	0.00372568	0.531182	1.88205	0.0233159	0.0482621	1.22519	1.18065	12.9581	3.50793	1
cg24625115	PSMB8;PSMB8	0.0589184	0.473377	1.1038	1.10838	0.697825	0.946436	-1.0566	0.234145	1.19242	1.19242	0.307819	0.861613	-1.16061	0.352485	0.873714	-1.14454	0.122958	1.789936	-1.26593	0.00357139	0.572987	-1.74524	0.266545	0.849301	-1.17744	0.17614	1.24499	1.24499	1.806	1.00292	0.280287	1
cg12292402	HSPH1	0.058919	0.161408	0.663452	-1.50727	0.586991	0.860268	-1.16243	0.0101081	2.43641	2.43641	0.655661	0.884429	-1.13067	0.601484	1.15558	1.15558	0.0102006	0.41111	-2.43244	0.895155	1.03684	1.03684	0.582047	0.858521	-1.16479	0.775181	1.08175	1.08175	1.18058	3.79337	1.06015	1
cg00735394	C16orf46;C16orf46	0.0589198	0.552807	1.07047	1.07047	0.0407737	1.07121	1.30721	0.0115015	1.42653	1.42653	0.141363	0.765958	-1.30565	0.0438552	0.70132	-1.42632	0.307614	0.97681	-1.0239	0.859969	0.94169	-1.06192	0.477795	0.924144	-1.08161	0.365267	0.647838	0.818105	1.18055	1.18055	0.150793	1
cg12759096	TNFRSF4	0.0589222	0.729769	0.931704	-1.0733	0.682966	0.919643	-1.08738	0.0544538	0.640734	-1.56071	0.154412	0.732731	-1.36476	0.916662	0.978874	-1.02158	0.57851	1.1213	1.1213	0.0301173	1.63248	1.63248	0.121887	1.42194	1.42194	0.0232942	1.57568	1.57568	1.18051	2.09626	0.585862	1
cg00230144	EIF5A;EIF5A;EIF5A;EIF5A	0.0589229	0.0564502	1.42456	3.44256	0.035312	1.39456	1.39456	0.0158688	1.83588	1.83588	0.108551	2.72544	2.72544	0.0499359	1.59433	1.59433	0.0251844	1.83753	1.83753	0.0235235	1.67915	1.67915	0.0129308	1.4297	1.4297	0.184547	2.23922	2.23922	0.0208574	1.66933	1.40207	1.18072	1.56734	0.536254	1
cg13693941	CWH43	0.0589257	0.95015	1.01079	1.01079	0.213926	0.798825	-1.25184	0.864175	0.97104	-1.02982	0.0293501	0.643703	-1.55351	0.186784	0.786472	1.2715	0.01587	1.602257	-1.66042	0.0481597	1.47349	1.47349	?	?	?	0.658262	0.92644	-1.0794	1.22488	1.33756	0.414761	1
cg00677986	PAWR	0.0589259	0.0108917	0.620828	-1.61075	0.184479	1.27176	1.27176	0.651193	1.07023	1.07023	0.562499	0.916382	-1.09125	0.829279	1.03273	1.03273	0.061783	0.730734	-1.36849	0.147161	0.790952	-1.26111	0.462375	1.11803	1.11803	0.0354433	0.694057	-1.4408	1.18044	1.12026	0.313097	1
cg05585598	LYRM4;FARS2;LYRM4;LYRM4	0.0589263	0.249284	-3.2867	1.3877	0.0471552	1.93476	1.93476	0.0127766	2.13488	2.13488	0.0476554	1.65577	1.65577	0.0048942	2.721883	-4.56487	0.121054	0.503157	-1.98757	0.0159454	0.803905	-1.24391	0.436136	1.13928	1.13928	0.413424	1.40513	1.40513	1.18043	1.84253	2.31008	0.5	1
cg10129997	BRD2;BRD2;BRD2;EIF4B1;EIF4B1;EIF4B1;EIF4	0.0589287	0.523323	0.82799	-1.20774	0.0160934	0.36193	0.36193	0.233661	1.43961	1.43961	0.645771	0.873665	-1.1446	0.125073	1.62335	1.62335	0.00383353	0.31869	0.11869	0.80171	1.07619	1.07619	0.959622	0.10488	1.01488	1.01488	0.718957	1.11121	1.11121	1.18038	4.28932	1.19883	1
cg08139234	1	0.0589289	0.0034978	0.765137	-1.44818	0.313392	-3.2328	0.0822729	0.209742	-2.03748	-3.5709	0.868715	0.893552	-1.11913	0.1040809	0.299375	-3.3403	0.547408	0.660848	-1.51321	0.0157294	0.133481	-7.49173	0.199681	0.397788	-2.5139	0.105201	0.299855	-3.33494	1.18037	23.3162	6.51668	1
cg21911834	ESX1	0.0589311	0.151138	0.495248	-2.01919	0.899806	0.944085	-1.05923	0.322889	1.59428	1.59428	0.0784623	2.44421	2.44421	0.394187	1.48982	1.48982	0.042388	2.90898	2.90898	0.742468	1.16255	1.16255	0.00392743	5.88704	5.88704	0.473279	1.3954	1.3954	1.18033	10.5099	2.93749	1
cg23958203	SNHG4;SNORA74A;MATR3	0.0589319	0.0418284	1.465573	3.46519	0.0414252	1.26078	1.26078	0.794152	1.08438	1.08438	0.0885	1.37676	1.37676	0.0178455	1.52947	-1.68895	0.912147	1.13662	1.13662	0.0341042	1.44073	1.44073	0.0297953	1.547325	-1.82707	0.403306	0.756759	-1.32142	1.18031	1.54913	0.445813	1
cg24693447	PIGT	0.0589357	0.515944	1.36339	1.36339	0.143074	2.12078	2.12078	0.815423	0.895976	-1.1161	?	?	?	?	?	?	0.712068	0.840123	-1.1903	0.0033481	0.139185	-7.18466	0.648511	0.805945	-1.24078	0.944826	1.03304	1.03304	1.53242	9.99397	2.65936	1
cg06626232	KLF17	0.0589361	0.71183	1.06857	1.06857	0.0407737	1.16436	1.16436	0.464843	1.08305	1.08305	0.0403025	1.3636	1.3636	0.0201594	2.242291	-4.12727	0.0477627	0.881214	-1.13454	0.0110281	0.208626	-4.79327	0.432907	0.667073	-1.49907	0.641709	0.65468	0.802	1.18031	1.18031	0.0016081	0.0001	1
cg16240932	MAEA;MAEA	0.0589381	0.814137	0.961283	-1.04028	0.825647	0.963684	-1.03768	0.0127739	0.595318	-1.67978	0.0350893	1.5093	1.5093	0.0593037	0.699787	-1.42901	0.751358	1.05474	1.05474	0.58969	0.912756	-1.09558	0.441668	1.14059	1.14059	0.0677856	0.709614	-1.40922	1.18018	1.41597	0.395775	1
cg10490931	OR6C6NE	0.0589409	0.974802	1.01393	1.01393	0.105392	0.632004	-1.25178	0.26179	0.1801382	0.548085	-1.72239	0.151048	0.514894	-1.94356	0.267565	0.607245	0.154678	0.579598	-1.72541	0.0344559	0.0925	-10.8108	0.0215156	0.0705447	4.79562	0.798992	0.893541	-1.11889	1.18012	3.99511	2.62607	1
cg10734485	OR5T2	0.0589441	0.0204488	0.615738	-1.62458	0.104564	0.103287	0.486176	0.150387	0.3162613	3.16264	-1.31684	0.0994702	0.215129	4.64564	0.103287	0.486176	0.270261	0.409058	2.4463	0.108507	0.265417	-3.76705	0.81958	1.0084	1.0084	0.02615	0.211987	-8.92963	1.18012	28.9139	8.08157	1
cg08755743	GATA2;GATA2;GATA2	0.0589413	0.853611	0.932602	-1.07227	0.018934	2.92597	2.92597	0.0947057	2.00136	2.00136	0.745695	1.13081	1.13081	0.237128	1.59662	1.59662	0.302547	1.497	1.497	0.221	0.615062	-1.62585	0.396619	0.720421	-1.38808	0.00828468	1.5796	3.5796	1.18011	7.18777	2.00909	1
cg05385306	ACO5	0.0589419	0.552807	1.07047	1.07047	0.0407737	1.07121	1.30721	0.0115015	1.42653	1.42653	0.141363	0.765958	-1.30565	0.0438552	0.70132	-1.42632	0.307614	0.97681	-1.0239	0.859969	0.94169	-1.06192	0.477795	0.924144	-1.08161	0.365267	0.647838	0.818105	1.18055	1.18055	0.150793	1
cg26068514	SLC9A7	0.0589422	0.0514006	0.451004	-2.21728	0.0322674	0.46007	2.46007	0.958977	0.981702	-1.01864	0.49212	1.28465	1.28465	0.0823434	1.99554	1.99554	0.23578	0.640139	-1.56216	0.585694	0.820689	-1.21849	0.0343592	0.412245	-2.42574	0.363269	0.39858	1.39858	1.18009	2.49197	1.81461	1
cg20195773	ZBTB38	0.0589425	0.53858	0.916747	-1.09085	0.612801	0.648486	-1.54237	0.0878872	0.8184693	0.765473	-1.30638	0.516666	0.788231	-1.26842	0.834208	1.19854	0.129693	1.16069	-1.16069	0.0402958	0.596454	-1.67611	0.0809153	0.963236	-1.31021	0.704834	0.948258	-1.05457	1.18009	0.4749169	0.1	1
cg04003051	CACNA1H;CACNA1H	0.0589429	0.123027	1.276545	-1.37308	0.188866	1.30539	1.30539	0.2436085	0.787961	-1.2691	0.0750456	1.46303	1.46303	0.903861	1.02346	1.02346	0.00972703	0.533823	-1.87328	0.190339	1.30499	1.30499	0.931454	0.983623	-1.01665	0.206025	0.774113	0.868355	1.18004	1.18555	0.518646	1
cg02417360	ATP11A;ATP11A	0.0589433	0.804784	1.07187	1.07187	0.0309029	0.321511	-3.11032	0.0516413	0.537537	-1.86034	0.813821	1.06835	1.06835	0.303092	0.741598	-1.34844	0.765087	0.919440	-1.08761	0.841819	0.945541	-1.0576	0.0137853	0.499247	-2.00302	0.636972	1.14251	1.14251	1.18007	3.95571	1.10569	1
cg27168638	FAM183BST;FAM160B1	0.058944	0.713772	1.07187	1.07187	0.0309029	0.321511	-3.11032	0.0516413	0.537537	-1.86034	0.813821	1.06835	1.06835	0.303092	0.741598	-1.34844	0.765087	0.919440	-1.08761	0.841819	0.945541	-1.0576	0.0137853	0.499247	-2.00302	0.636972	1.14251	1.14251	1.18007	3.95571	1.10569	1
cg23259384	GRIP2	0.058944	0.083449	1.51247	1.51247	0.00162281	2.65211	2.65211	0.273042	1.27931	1.27931	0.587011	0.886506	-1.12802	0.861079	0.962883	-1.03855	0.511988	1.15444	1.15444	0.476816	0.855386	-1.16906	0.809709	1.05347	1.05347	0.8392333	0.957085	-1.04484	1.18006	2.34836	0.656413	1
cg09358418	DFFB	0.0589439	0.0429193	0.548339	-1.82393	0.105392	0.632004	-1.25178	0.26179	0.1801382	0.548085	-1.72239	0.151048	0.514894	-1.94356	0.267565	0.607245	0.154678	0.579598	-1.72541	0.0344559	0.0925	-10.8108	0.0215156	0.0705447	4.79562	0.798992	0.893541	-1.11889	0.58012	0.159091	0.154561	1
cg05082081	LOC388796;SNORA71B;LOC388796	0.0589445	0.103913	0.52447	-1.90713	0.7278	0.874373	-1.14368	0.148696	0.560849	-1.75485	0.557015	0.806027	-1.24065	0.0921828	1.182132	1.182132	0.719116	0.877106	-1.14011	0.111645	0.533076	-1.8759	0.227017	0.630962	-1.58488	0.20091	0.612346	-1.63306	1.18005	0.639064	1.85592	1
cg20191895	CLNK	0.0589446	0.193404	0.724117	-1.38099	0.764823	1.0729	1.0729	0.481826	0.84562	-1.18256	0.00736877	0.444859	-2.2479	0.949535	0.10496	1.01496	0.116708	1.4915	1.4915	0.110116	1.50448	1.50448	0.65905	1.10975	1.10975	0.0657336	0.61609	-1.62314	1.18004	2.77084	0.774507	1
cg26613312	SLC39A13;SLC39A13	0.0589463	0.0347173	0.699193	-1.43009	0.0217177	0.917655	-1.08973	0.514163	0.8050548	-1.24217	0.537172	0.810914	0.614649	-1.62703	0.0663221	1.50781	0.1185	0.584559	-1.71077	0.0171366	0.195238	-5.12194	0.0386586	0.259121	-3.8592	0.267575	0.521388	-1.91796	1.18001	1.80165	0.47659	1
cg04819775	LOC645323;LOC645323	0.0589463	0.200483	0.815292	-1.22655	0.325608	0.857888	-1.16565	0.217979	1.21617	1.21617	0.448547	1.11326	1.11326	0.67869	1.02369	1.02369	0.131636	1.27862	1.27862	0.0054886	0.576152	-1.73565	0.396441	0.877095	-1.14013	0.13985	1.27112	1.27112	1.18001	1.14861	0.321064	1
cg22733357	C5orf36;C5orf36;MIR1974	0.0589504	0.0818707	0.762477	-1.31152	0.827741	1.03113	1.03113	0.55986	0.920419	-1.08646	0.332299	0.868771	-1.15105	0.614433	0.931048	-1.07406	0.607033	1.0757	1.0757	0.00215272	1.8331	1.8331	0.879791	0.978939	-1.02151	0.940397	0.989537	-1.01057	1.17992	0.996339	0.278508	1
	SNORD115-15;SNORD115-																																	
cg10963511	21;SNORD115-25	0.0589506	0.0807584	0.485682	-2.05896	0.7432	0.884618	-1.13043	0.812131	0.915034	-1.09286	0.749606	1.12681	1.12681	0.0163288	0.187427	5.33541	0.352057	0.699676	-1.42923	0.192359	0.597753	-1.67293	0.794491	0.907238	-1.10225	0.0654788	0.46255	-2.16193	1.17992	7.00403	1.95785	1
cg25315493	ABCF1;ABCF1	0.0589515	0.0224631	0.744251	-1.34353	0.0264451	0.51572	-1.93834	0.131541	0.8356	-1.1964	0.557186	0.858575	1.16502	0.0782705	1.276207	1.27356	0.0552632	0.912782	-1.09552	0.660727	0.727077	1.35097	0.0207202	0.684602	-1.4607	0.087613	0.265624	-3.76473	1.1799	2.64536	0.978888	1
cg17090605	TNXB	0.0589552	0.598476	1.16936	1.16936	0.0341889	0.48306	-2.07014	0.0303976	0.47275	-2.11528	0.103287	0.591766	-1.68986	0.0111376	0.391853	2.55198	0.294735	0.726185	-1.37706	0.924116	1.02845	1.02845	0.907071	0.966202	-1.03498	0.0319445	0.477079	-2.09609	1.17982	4.36566	1.22038	1
cg22448601	DNPEP	0.0589561	0.868354	0.962574	-1.03898	0.822015	0.55699	1.55699	0.0228476	1.05116	1.05116	0.319454	0.727598	-1.37439	0.0648997	0.626133	1.59713	0.0956843	0.434215	-2.30301	0.0794464	0.753111	-1.32783

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15794798	OBFC2A;OBFC2A;OBFC2A	0.0590453	0.0339246	1.60937	1.60937	0.76271	1.05992	1.05992	0.071163	1.47306	1.47306	0.802261	0.952924	-1.0494	0.477441	0.870392	-1.14891	0.889024	0.973526	-1.02719	0.0457401	1.55293	1.55293	0.0209835	0.586447	-1.70518	0.42924	0.856351	-1.16775	3.17793	1.85875	0.519906	1
cg21746071	ETFA;ETFA	0.0590458	0.0320786	0.606566	-1.64862	0.00951682	0.519984	-1.92314	0.0762859	1.48093	1.48093	0.233686	0.779899	-1.28222	0.0734608	0.672092	-1.48789	0.147881	0.734109	-1.36219	0.700253	0.925872	-1.08006	0.715156	0.929625	-1.0757	0.368453	0.832001	-1.20192	3.17792	1.99518	0.558069	1
cg19096389	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0590459	0.00778298	0.364617	-2.7426	0.534602	1.20405	1.20405	0.0795779	1.77626	1.77626	0.945941	0.980178	-1.02022	0.109832	0.597718	-1.67303	0.0260162	0.458388	-2.18156	0.992752	0.997322	-1.00269	0.577663	0.846981	-1.18066	0.657975	0.876735	-1.1406	3.17791	4.38768	1.22727	1
cg17484877	PTPRN2;PTPRN2;PTPRN2	0.0590475	0.101749	0.595494	-1.67928	0.719066	1.11018	1.11018	0.0179344	0.435038	-2.29865	0.482281	0.813306	-1.22955	0.962149	0.986362	-1.01383	0.68258	1.12635	1.12635	0.00823215	0.376053	-2.6592	0.432874	1.26061	1.26061	0.0547351	0.532333	-1.87852	3.17788	4.21423	1.17877	1
cg09472802	PKP1;PKP1;PKP1;PKP1	0.0590487	0.140189	4.69941	4.69941	0.0574458	8.12775	8.12775	0.100499	5.7797	5.7797	0.136395	4.78112	4.78112	0.426858	2.20578	2.20578	0.187724	3.90115	3.90115	0.00751227	28.6393	28.6393	0.0227485	14.2707	14.2707	0.0189489	15.9695	15.9695	3.17786	47.8523	13.3849	1
cg14169823	RUSC2;RUSC2	0.0590506	0.123962	0.694483	-1.43992	0.494137	0.85903	-1.1641	0.224516	1.32209	1.32209	0.293255	1.26947	1.26947	0.0103284	0.493071	-2.02811	0.0424878	0.599743	-1.66738	0.552179	0.876675	-1.14067	0.138424	1.41778	1.41778	0.633297	1.11092	1.11092	3.17781	2.41041	0.674232	1
cg07538372	GPR133	0.0590512	0.0880845	0.611981	-1.63404	0.0664596	0.584513	-1.71082	0.0191307	0.477228	-2.09543	0.718716	0.909952	-1.09896	0.00357113	0.357075	-2.80053	0.666206	0.892951	-1.11988	0.707311	1.10341	1.10341	0.679866	0.897398	-1.11433	0.463169	0.822977	-1.2151	3.1778	3.42575	0.958245	1
cg11145461	CSRP1;CSRP1	0.0590512	0.436871	0.667303	-1.49857	0.471628	1.45272	1.45272	0.513989	0.71352	-1.4015	0.0490704	3.14511	3.14511	0.0660951	2.8618	2.8618	0.0312385	3.62943	3.62943	0.0449403	3.23391	3.23391	0.0136133	4.7434	4.7434	0.579828	1.33004	1.33004	3.1778	13.0912	3.66184	1
cg23546274	MAP3K6	0.0590514	0.061532	0.771822	-1.29564	0.0505692	0.760338	-1.3152	0.782917	0.966606	-1.03455	0.00714741	0.652351	-1.53292	0.0132164	0.685431	-1.45894	0.147718	0.826131	-1.21046	0.173633	0.836922	-1.19485	0.870298	1.0203	1.0203	0.707063	0.954635	-1.04752	3.1778	0.761118	0.212899	1
cg10975873	HIST2H2BF;HIST2H2BF	0.0590528	0.353035	0.87904	-1.1376	0.0931732	1.28296	1.28296	0.255864	1.17353	1.17353	0.392265	0.888478	-1.12552	0.406924	0.891851	-1.12126	0.566534	0.924813	-1.0813	0.0093113	1.56058	1.56058	0.229119	1.18562	1.18562	0.0272039	1.42284	1.42284	3.17777	0.916055	0.25624	1
cg26959358	RUNX1T1	0.0590532	0.266338	0.725882	-1.37763	0.484679	0.821658	-1.21705	0.428824	0.799773	-1.25036	0.430928	0.80062	-1.24903	0.164145	0.663221	-1.50779	0.074732	0.577468	-1.7317	0.00324055	0.329316	-3.0366	0.0732752	0.575508	-1.73759	0.0151379	0.438004	-2.28308	3.17776	3.85101	1.07721	1
cg10801331	SDCCAG8;AKT3	0.0590553	0.0467281	0.391513	-2.55419	0.188596	1.77474	1.77474	0.339247	1.50026	1.50026	0.830566	1.09225	1.09225	0.00423254	0.206623	-4.83973	0.95461	0.976832	-1.02372	0.906705	0.952866	-1.04947	0.962891	1.01934	1.01934	0.11412	0.492735	-2.02949	3.17772	8.53516	2.3875	1
cg11220663	ADD2;ADD2;ADD2;ADD2;ADD2	0.0590555	0.158978	0.787063	-1.27055	0.452627	0.885414	-1.12941	0.198924	1.24099	1.24099	0.571336	0.913027	-1.09526	0.786225	0.957682	-1.04419	0.214546	0.812345	-1.231	0.00329375	0.528954	-1.89052	0.17918	1.25478	1.25478	0.440564	1.13326	1.13326	3.17771	1.27324	0.356159	1
cg27179932	DPH5;DPH5;DPH5;DPH5;DPH5;DPH5	0.0590562	0.0179504	0.669316	-1.49406	0.13221	1.25461	1.25461	0.10124	1.28472	1.28472	0.136091	1.25136	1.25136	0.333869	0.870095	-1.1493	0.401342	1.12741	1.12741	0.0867589	0.767895	-1.30226	0.869709	1.02318	1.02318	0.155154	1.23663	1.23663	3.1777	0.980954	0.2744	1
cg00696023	GMPS;GMPS	0.059057	0.16107	0.596922	-1.67526	0.00154366	0.208075	-4.80596	0.355277	0.720523	-1.38788	0.482918	0.782084	-1.27864	0.610623	1.19364	1.19364	0.0702282	0.497776	-2.00894	0.164888	0.600082	-1.66644	0.696662	0.873684	-1.14458	0.945379	0.97666	-1.0239	3.17768	5.9796	1.67267	1
cg05506011	C3orf30;IGSF11	0.0590574	0.604443	0.780792	-1.28075	0.333385	1.60392	1.60392	0.541178	0.746102	-1.3403	0.0380572	0.320272	-3.12234	0.0229554	0.27578	-3.62607	0.0142008	0.238717	-4.18907	0.0885359	0.410779	-2.4344	0.359871	1.56165	1.56165	0.171131	0.501582	-1.99369	3.17767	11.2836	3.15636	1
cg03212183	CMIP;CMIP	0.0590581	0.283657	0.75387	-1.32649	0.35402	0.785159	-1.27363	0.0260271	0.511682	-1.95434	0.105141	0.638183	-1.56695	0.22259	0.722449	-1.38418	0.515638	1.18199	1.18199	0.0124795	2.19997	2.19997	0.202811	0.711036	-1.4064	0.924836	0.976349	-1.02422	3.17766	3.23796	0.905759	1
cg01695279	BTBD1;BTBD1	0.0590591	0.0504094	0.21917	-4.56266	0.231897	0.425946	-2.34772	0.598769	0.696693	-1.43535	0.0750313	0.259374	-3.85544	0.0238418	0.159526	-6.26856	0.228332	0.422893	-2.36467	0.0136565	0.125393	-7.97495	0.022137	0.154539	-6.47085	0.0330281	0.18327	-5.45643	3.17764	23.3173	6.52261	1
cg01597629	A2BP1;A2BP1;A2BP1	0.05906	0.0162421	0.198438	-5.03935	0.361517	1.67543	1.67543	0.80685	1.14428	1.14428	0.998757	0.999143	-1.00086	0.00749645	0.150504	-6.64433	0.463042	0.662993	-1.50831	0.0845345	0.350017	-2.85701	0.106064	0.378636	-2.64106	0.152513	0.430349	-2.3237	3.17762	15.2349	4.26173	1
cg00069642	ARAP3	0.0590605	0.115015	0.543886	-1.83862	0.313603	0.690476	-1.44828	0.0792259	0.500336	-1.99866	0.0503616	0.452623	-2.20934	0.455392	0.763237	-1.31021	0.0395021	0.428999	-2.33101	0.186685	1.6445	1.6445	0.341664	0.705963	-1.4165	0.00770713	0.296224	-3.37583	3.17761	6.35575	1.77793	1
cg18734877	PTK2B;PTK2B;PTK2B;PTK2B	0.0590606	0.0277326	0.590359	-1.69388	0.636136	1.10135	1.10135	0.135619	0.721967	-1.38511	0.152678	0.733256	-1.36378	0.0244215	0.580909	-1.72144	0.0297928	0.595739	-1.67859	0.607932	1.1105	1.1105	0.170535	1.34397	1.34397	0.268871	0.791957	-1.26269	3.1776	2.06478	0.577591	1
cg17711091	S100A10	0.0590613	0.511992	0.830991	-1.20338	0.106405	0.612139	-1.63362	0.871536	0.95595	-1.04608	0.00434907	2.88833	2.88833	0.227751	0.702962	-1.42255	0.495808	1.21229	1.21229	0.0731373	1.74426	1.74426	0.548506	1.18413	1.18413	0.738521	0.910958	-1.09775	3.17759	3.89977	1.09091	1
cg13094752	MMP14	0.0590613	0.108229	0.462117	-2.16396	0.0728182	0.414123	-2.41474	0.788108	0.888101	-1.126	0.868023	0.929357	-1.07601	0.082485	0.428581	-2.33328	0.810282	0.899474	-1.11176	0.00389492	0.180477	-5.54087	0.038305	0.347325	-2.87915	0.0606718	0.393904	-2.53869	3.17759	9.76613	2.73195	1
cg15709214	CALD1;CALD1;CALD1	0.0590631	0.0572886	0.48298	-2.07048	0.0384411	2.2516	2.2516	0.670099	1.15607	1.15607	0.048978	0.46733	-2.13982	0.320919	0.706766	-1.4149	0.0347358	0.434752	-2.30016	0.24495	1.50923	1.50923	0.874764	0.948022	-1.05483	0.248187	0.664625	-1.50461	3.17755	5.76352	1.61229	1
cg02698806	HPCAL1;HPCAL1	0.0590632	0.0989715	0.555417	-1.80045	0.911923	0.964669	-1.03663	0.288995	0.699204	-1.4302	0.0414498	0.465591	-2.14781	0.0239278	0.416483	-2.40106	0.103921	0.56101	-1.7825	0.00489458	0.297512	-3.36121	0.55682	0.824329	-1.21311	0.0732747	0.522406	-1.91422	3.17755	5.31841	1.48777	1
cg25568745	ROCK2	0.059064	0.47902	1.08625	1.08625	0.591687	0.939652	-1.06422	0.565022	1.06915	1.06915	0.362089	0.897905	-1.1137	0.84978	1.02204	1.02204	0.706444	1.04446	1.04446	0.00127024	1.71687	1.71687	0.162944	1.18674	1.18674	0.94504	0.992106	-1.00796	3.17753	0.665061	0.186045	1
cg17297045	AACS	0.0590658	0.0442733	0.400745	-2.49535	0.0589111	0.429891	-2.32617	0.501375	0.763333	-1.31004	0.240573	0.614931	-1.6262	0.00195432	0.176731	-5.65831	0.295416	0.650891	-1.53635	0.124427	0.517694	-1.93164	0.932397	0.966981	-1.03415	0.49939	0.762347	-1.31174	3.1775	7.88192	2.20493	1
cg25354169	TYRO3	0.0590661	0.326712	0.838348	-1.19282	0.0313187	1.5525	1.5525	0.355159	1.18014	1.18014	0.0234212	1.60247	1.60247	0.131162	1.32819	1.32819	0.378623	1.17035	1.17035	0.0806554	0.713639	-1.40127	0.563167	1.10715	1.10715	0.158474	0.769114	-1.3002	3.17749	1.52607	0.426913	1
cg01224103	MAST3	0.0590675	0.224246	0.761056	-1.31396	0.42203	1.19174	1.19174	0.034521	1.69428	1.69428	0.374339	0.822815	-1.21534	0.0468686	0.614707	-1.62679	0.729793	1.07698	1.07698	0.0325881	0.585708	-1.70734	0.176585	0.735475	-1.35967	0.0768431	0.656501	-1.52323	3.17746	2.30191	0.643956	1
cg22587479	WNT6	0.059069	0.11129	6.5251	6.5251	0.068609	9.06188	9.06188	0.135555	5.69404	5.69404	0.0452011	11.9951	11.9951	0.0164911	23.7574	23.7574	0.0782658	8.29145	8.29145	0.464051	0.446722	-2.23853	0.0189615	21.586	21.586	0.107645	6.67582	6.67582	3.17743	58.8377	16.4599	1
cg22998777	RNASE2	0.0590712	0.0411691	0.28756	-3.47754	0.00723323	0.159843	-6.25613	0.0613077	0.327762	-3.05099	0.237634	0.519706	-1.92417	0.071928	0.345474	-2.89457	0.309417	0.573206	-1.74457	0.0538002	0.313985	-3.18487	0.0198162	0.225747	-4.42973	0.152382	0.444391	-2.25027	3.17738	14.0854	3.94046	1
cg13976853	ZNF77	0.0590718	0.632114	1.06404	1.06404	0.136602	1.22923	1.22923	0.923137	1.0125	1.0125	0.977434	1.00365	1.00365	0.729012	1.04578	1.04578	0.366104	1.12694	1.12694	0.0028569	0.589627	-1.69599	0.0773642	0.776709	-1.28748	0.676221	0.947382	-1.05554	3.17737	0.833492	0.233174	1
cg20535931	OCM2	0.0590724	0.169202	0.665419	-1.50281	0.838605	0.94486	-1.05836	0.246541	0.713899	-1.40076	0.100624	0.60643	-1.649	0.0753272	0.576547	-1.73446	0.10534	0.611333	-1.63577	0.0661832	0.563754	-1.77382	0.00233997	0.306841	-3.25902	0.995312	1.00164	1.00164	3.17736	3.89231	1.0889	1
cg01780092	AP3B2	0.0590729	0.286079	0.851717	-1.1741	0.0499741	1.38244	1.38244	0.890824	0.9803	-1.0201	0.674869	1.06303	1.06303	0.00702166	1.65692	1.65692	0.0914276	0.763921	-1.30904	0.114865	1.28197	1.28197	0.318664	1.16104	1.16104	0.494156	1.10582	1.10582	3.17735	1.05619	0.295479	1
cg18593303	ATXN1;ATXN1	0.0590732	0.486536	0.792427	-1.26195	0.00494444	0.293791	-3.40378	0.0736015	0.518737	-1.92776	0.555101	0.821661	-1.21705	0.082453	0.530996	-1.88325	0.244816	0.670081	-1.49236	0.0157392	0.377615	-2.6482	0.962661	1.01552	1.01552	0.0651169	0.50587	-1.97679	3.17734	5.44927	1.52448	1
cg09020199	TRIM39;TRIM39	0.0590741	0.0877396	0.718175	-1.39242	0.0628308	1.44436	1.44436	0.199351	0.788055	-1.26895	0.185378	0.781384	-1.27978	0.111213	0.737292	-1.35632	0.643298	1.08536	1.08536	0.0101305	0.565659	-1.76785	0.74202	0.943628	-1.05974	0.0984848	0.727401	-1.37476	3.17732	1.55261	0.434358	1
cg22562494	ETV4;ETV4	0.0590756	0.0216773	0.286215	-3.49388	0.0664537	0.392937	-2.54494	0.105429	0.448071	-2.23179	0.0468585	0.356068	-2.80846	0.0579232	0.37799	-2.64557	0.215587	0.553488	-1.80672	0.0169803	0.266823	-3.7478	0.01615	0.262985	-3.80249	0.334875	0.63677	-1.57043	3.17729	10.3645	2.89959	1
cg20961591	SPINT2;SPINT2	0.0590763	0.0248645	41.101	41.101	0.0900281	13.4667	13.4667	0.0570116	20.0243	20.0243	0.088573	13.6598	13.6598	0.382627	0.287659	-3.47634	0.033288	31.8889	31.8889	0.147435	8.69864	8.69864	0.0167689	58.1064	58.1064	0.282523	4.73053	4.73053	3.17728	97.4522	27.2637	1
cg24486037	SELENBP1	0.0590766	0.239909	0.469777	-2.12867	0.191017	0.427407	-2.33969	0.0818608	0.306125	-3.26664	0.104922	2.96806	2.96806	0.184569	0.421464	-2.37268	0.668736	0.767767	-1.30248	0.158146	2.52529	2.52529	0.0131776	6.59861	6.59861	0.980131	0.984827	-1.01541	3.17727	18.9677	5.30649	1
cg18654665	MYPN	0.0590769	0.179988	0.633161	-1.57938	0.129934	1.69053	1.69053	0.992768	1.00291	1.00291	0.00391777	0.287606	-3.47698	0.20276	0.649479	-1.5397	0.120335	0.582284	-1.71738	0.0646211	0.513654	-1.94684	0.817254	0.928401	-1.07712	0.364922	0.741704	-1.34825	3.17726	5.18384	1.45026	1
cg05377527	PTPMT1;PTPMT1	0.0590772	0.0501951	0.459895	-2.17441	0.607979	0.835266	-1.19722	0.0744293	0.500823	-1.99671	0.797339	0.914363	-1.09366	0.0133408	0.34422	-2.90512	0.0334776	0.421329	-2.37344	0.248725	1.52116	1.52116	0.0828075	0.512579	-1.95092	0.0746935	0.501209	-1.99518	3.17726	6.09082	1.70401	1
cg27262717	TNNC2	0.059078	0.0412945	8.35487	8.35487	0.0416545	8.31433	8.31433	0.165146	3.80093	3.80093	0.108963	4.83796	4.83796	0.102837	5.00044	5.00044	0.350097	2.38074	2.38074	0.20119	3.37837	3.37837	0.00617675	25.0504	25.0504	0.0189263	12.9788	12.9788	3.17724	40.928	11.4503	1
cg06988236	TRIM39;HCG18;HCG18;TRIM39	0.059078	0.345559	0.362883	-2.75571	0.555272	1.86374	1.86374	0.0857432	7.25465	7.25465	0.0318864	0.0725073	-13.7917	0.010032	0.0336625	-29.7067	0.231995	0.270354	-3.69886	0.61315	1.70231	1.70231	0.269613	0.301319	-3.31875	0.39271	2.49343	2.49343	3.17724	54.7908	15.3287	1
cg22614075	ZSCAN16	0.0590806	0.0820949	0.565552	-1.76818	0.0563973	1.89493	1.89493	0.07844	1.78315	1.78315	0.0347811	0.482857	-2.07101	0.0526862	0.521165	-1.91878	0.73381	0.90394	-1.10627	0.308777	0.732223	-1.3657	0.528219	0.827728	-1.20813	0.583881	1.17781	1.17781	3.17719	4.40511	1.23243	1
cg09170051	ALDH4A1;ALDH4A1;ALDH4A1;ALDH4A1	0.0590817	0.11509	0.638972	-1.56501	0.228573	0.718673	-1.39145	0.236493	1.38301	1.38301	0.037689	0.53249	-1.87797	0.0668587	0.584452	-1.711	0.550723	0.854007	-1.17095	0.772982	0.927173	-1.07855	0.178998	1.45238	1.45238	0.0337056	1.91241	1.91241	3.17716	3.43884	0.962099	1
cg25495311	NT5DC1	0.0590818	0.707124	0.885516	-1.12929	0.00486552	0.300417	-3.3287	0.00990526	0.350072	-2.85655	0.589307	1.19192	1.19192	0.153875	0.611534	-1.63523	0.489366	1.25385	1.25385	0.972935	0.989131	-1.01099	0.587472	0.838243	-1.19297	0.784342	0.915426	-1.09239	3.17716	5.22143	1.46082	1
cg01733439	PRICKLE3	0.0590825	0.0737826	4.73598	4.73598	0.109638	3.89994	3.89994	0.622583	0.679014	-1.47272	0.509354	1.68591	1.68591	0.689832	1.36755	1.36755	0.773325	1.25276	1.25276	0.0217653	8.5759	8.5759	0.991595	0.991814	-1.00825	0.00346492	22.1212	22.1212	3.17714	30.6382	8.57184	1
cg04064550	ZC3H12C	0.059083	0.014045	0.413323	-2.41941	0.382791	0.770451	-1.29794	0.142531	0.631738	-1.58294	0.347397	1.32565	1.32565	0.0284373	0.4707	-2.12449	0.104111	0.595874	-1.67821	0.0311328	0.47852	-2.08977	0.85293	1.05556	1.05556	0.0636141	0.544643	-1.83606	3.17713	4.27176	1.19514	1
cg18341969	BSG;BSG;BSG	0.0590864	0.722181	1.03674	1.03674	0.218059	0.877249	-1.13993	0.333954	1.10598	1.10598	0.0845185	1.21273	1.21273	0.166512	1.1608	1.1608	0.00400051	1.47844	1.47844	0.639702	1.04881	1.04881	0.149406	0.855345	-1.16912	0.865352	0.982992	-1.0173	3.17706	0.514099	0.143836	1
cg01071966	CRHBP;CRHBP	0.059087	0.0536755	4.45689	4.45689	0.00667312	11.0298	11.0298	0.235871	2.33328	2.33328	0.196235	2.53983	2.53983	0.440932	0.585074	-1.70919	0.368119	0.532302	-1.87863	0.185301	2.60677	2.60677	0.0313337	5.59959	5.59959	0.261477	2.2227	2.2227	3.17705	23.4094	6.54957	1
cg04510919	SORCS2	0.0590872	0.0775702	0.310759	-3.21793	0.00902148	0.138391	-7.2259	0.0301263	0.218871	-4.5689	0.855024	0.896764	-1.11512	0.0391963	0.241322	-4.14385	0.365715	0.574841	-1.73961	0.0340077	0.228949	-4.36778	0.0490514	0.262204	-3.81383	0.627449	0.747244	-1.33825	3.17705	17.8588	4.99661	1
cg22776451	SLC28A1;SLC28A1	0.0590877	0.45154	1.24537	1.24537	0.193723	1.482	1.482	0.0412983	0.509993	-1.96081	0.628075	1.14987	1.14987	0.00358703	0.323584	-3.09039	0.509692	1.21086	1.21086	0.436508	0.796854	-1.25493	0.687967	0.890925	-1.12243	0.872763	1.04692	1.04692	3.17704	4.11783	1.15211	1
cg10039163	ZC3H3	0.0590877	0.539516	1.10642	1.10642	0.00212238	2.02005	2.02005	0.0572237	1.41939	1.41939	0.624801	1.08355	1.08355	0.553864	0.907112	-1.1024	0.232392	0.815555	-1.22616	0.849509	1.03141	1.03141	0.927508	0.985295	-1.01492	0.829498	0.9655	-1.03573	3.17704	1.33362	0.373128	1
cg10957151	HOXD9	0.0590878	0.809873	0.895324	-1.11691	0.626118	0.798328	-1.25262	0.941589	1.03419	1.03419	0.943135	0.967805	-1.03327	0.109875	0.449566	-2.22437	0.376013	0.659175	-1.51705	0.337166	0.635127	-1.57449	0.00275834	6.64899	6.64899	0.178097	1.92787	1.92787	3.17703	10.5887	2.96258	1
cg14789529	IL10	0.0590879	0.281053	0.881937	-1.13387	0.7462	1.03709	1.03709	0.0471374	0.775124	-1.29012	0.0298019	0.750723	-1.33205	0.0496594	1.28544	1.28544	0.72917	0.961775	-1.03974	0.157451	0.844074	-1.18473	0.935299	1.00915	1.00915	0.0251574	0.741851	-1.34798	3.17703	0.632691	0.177018	1
cg15017283	FOXRED1;SRPR;SRPR	0.0590881	0.775057	0.938854	-1.06513	0.0233013	0.550446	-1.81671	0.790205	1.06048	1.06048	0.161995	0.719773	-1.38933	0.00463803	0.436331	-2.29184	0.133068	0.69986	-1.42886	0.395321	1.21132	1.21132	0.538592	1.14696	1.14696	0.886333	1.032	1.032	3.17703	2.44018	0.682729	1
cg20541191	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0590889	0.893089	1.04977	1.04977	0.0380705	0.419553	-2.38349	0.0029422	0.228724	-4.37208	0.331853	0.696521	-1.43571	0.760613	0.895484	-1.11671	0.411561	0.738369	-1.35434	0.135449	0.559174	-1.78835	0.201435	1.62798	1.62798	0.645775	0.84604	-1.18198	3.17701	6.56617	1.83713	1
cg23156781	SLC5A6;C2orf28;SLC5A6;C2orf28;C2orf28	0.0590895	0.0418379	1.57672	1.57672	0.260935	0.796448	-1.25557	0.503308	0.876474	-1.14094	0.0266173	0.600461	-1.66539	0.227312	0.781898	-1.27894	0.0428442	1.5722	1.5722	0.276743	1.24558	1.24558	0.523248	1.13381	1.13381	0.2582	1.25736	1.25736	3.177	1.89598	0.530474	1
cg11743000	JAK1	0.0590896	0.0335694	0.191882	-5.21153	0.620963	0.717883	-1.39298	0.573204	0.68488	-1.46011	0.191845	0.399028	-2.50609	0.0361407	0.197836	-5.0547	0.164206	0.3727	-2.68313	0.00640212	0.0945333	-10.5783	0.0233571	0.165012	-6.06016	0.0910271	0.290009	-3.44817	3.177	22.2482	6.22481	1
cg04369038	CISH;CISH	0.0590911	0.00331318	0.301202	-3.32003	0.263006	0.704622	-1.4192	0.745139	1.1028	1.1028	0.346385	1.33765	1.33765	0.246923	1.43796	1.43796	0.65035	1.14671	1.14671	?	?	?	0.604103	1.16991	1.16991	0.2497	1.43463	1.43463	3.22131	4.08168	1.26709	1
cg02117884	LY6G6D;LY6G6E;LY6G6E	0.0590917	0.0273832	4.52638	4.52638	0.0122597	6.07997	6.07997	0.0264606	4.58292	4.58292	0.0775693	3.11116	3.11116	0.0507669	3.62419	3.62419	0.0533222	3.56081	3.56081	0.140823	2.50046	2.50046	0.0670124	3.27982	3.27982	0.141824	2.49386	2.49386	3.17695	16.8418	4.71222	1
cg24852892	SCNN1D;SCNN1D	0.0590931	0.181216	0.56201	-1.77933	0.0941794	2.11069	2.11069	0.268243	1.59702	1.59702	0.977236	0.988484	-1.01165	0.00556853	0.228038	-4.38523	0.882712	1.06176	1.06176	0.590183	0.80194	-1.24698	0.0469867	0.397323	-2.51684	0.923443	0.961731	-1.03979	3.17692	8.292	2.32007	1
cg18606683	ZNF780A;ZNF780A;ZNF780A;ZNF780A	0.0590938	0.0603797	1.4146	1.4146	0.283935	1.19998	1.19998	0.613568	1.08697	1.08697	0.164031	1.27532	1.27532	0.0106548	1.69188	1.69188	0.298449	1.19304	1.19304	0.414846	0.872405	-1.14626	0.0371112	0.672759	-1.48642	0.38034	1.15879	1.15879	3.17691	1.3495	0.377587	1
cg22671072	SLC5A10;SLC5A10	0.0590939	0.545655	1.08931	1.08931	0.0243481	1.45553	1.45553	0.427968	0.892968	-1.11986	0.0869773	1.30264	1.30264	0.0173033	0.666616	-1.50011	0.455761	1.11211	1.11211	0.101715	1.28482	1.28482	0.335322	1.1491	1.1491	0.585626	0.925882	-1.08005	3.17691	0.984533	0.275469	1
cg26476844	AACS	0.059096	0.105896	0.818105	-1.22234	0.208528	0.860095	-1.16266	0.886541	0.983902	-1.01636	0.401666	1.10249	1.10249	0.0137206	0.707226	-1.41398	0.596046	1.0627	1.0627	0.0160571	1.39789	1.39789	0.432138	0.912898	-1.09541	0.648246	0.949128	-1.0536	3.17686	0.650154	0.181914	1
cg26416241	NTM	0.059097	0.684467	0.853793	-1.17124	0.00923894	3.5904	3.5904	0.0774733	2.13676	2.13676	0.38375	0.707839	-1.41275	0.984753	0.992634	-1.00742	0.499193	1.30395	1.30395	0.0415108	2.48288	2.48288	0.990856	1.00444	1.00444	0.077494	0.468029	-2.13662	3.17684	7.53107	2.10721	1
cg11994551	IMMT;IMMT;IMMT;IMMT;IMMT;IMMT	0.0590988	0.148778	3.5826	3.5826	0.746555	1.29795	1.29795	0.252224	2.65384	2.65384	0.352567	2.1735	2.1735	0.959301	0.959838	-1.04184	0.00994807	0.0572639	-17.463	0.0162423	0.0781573	-12.7947	0.814797	1.20755	1.20755	0.875703	1.13402	1.13402	3.80047	36.9845	6.4877	1
cg26479998	MRPL42;MRPL42;MRPL42;MRPL42;MRPL42;MRPL42	0.0591007	0.0398932	0.536484	-1.86399	0.137432	1.52106	1.52106	0.0477648	1.81013	1.81013	0.308807	1.31803	1.31803	0.0292735	0.510042	-1.96062	0.870354	0.958082	-1.04375	0.237835	0.723129	-1.38288	0.430404	1.23491	1.23491	0.344735	1.29064	1.29064	3.17676	3.45799	0.967579	1
cg12691004	KRCC1	0.0591007	0.0157582	0.251895	-3.9699	0.0480521	0.348881	-2.8663	0.962076	1.0224	1.0224	0.201376	0.533261	-1.87526	0.0382527	0.326592	-3.06192	0.278488	0.591491	-1.69064	0.0105073	0.223029	-4.48371	0.632513	0.798912	-1.2517	0.04843	0.349673	-2.85981	3.17676	10.9254	3.05705	1
cg02892258	RABL5;RABL5;RABL5;RABL5	0.0591018	0.0735247	0.390945	-2.5579	0.0389212	0.32455	-3.08119	0.12291	0.455316	-2.19628	0.940465	1.03578	1.03578	0.00285398	0.144786	-6.90674	0.818944	1.11397	1.11397	0.569239	0.762785	-1.31099	0.679154	0.822191	-1.21626	0.106712	0.436458	-2.29117	3.17674	11.148	3.11933	1
cg07600636	RASSF10	0.0591032	0.098501	3.99252	3.99252	0.0114428	11.2226	11.2226	0.111171	3.7657	3.7657	0.488277	1.71255	1.71255	0.553699	0.632708	-1.58051	0.263244	2.43797	2.43797	0.155564	3.19339	3.19339	0.00958051	12.26	12.26	0.0468439	5.69001	5.69001	3.17671	29.3734	8.21911	1
cg15468180	PRMT6	0.0591036	0.0848925	0.618975	-1.61557	0.0884126	1.60524	1.60524	0.811477	1.06201	1.06201	0.192567	0.706655	-1.41512	0.0506317	0.570785	-1.75197	0.626669	1.13135	1.13135	0.0449207	0.560206	-1.78506	0.0500533	0.569761	-1.75512	0.056105	0.58002	-1.72408	3.1767	3.18897	0.892323	1
cg15788645	RTEL1;RTEL1	0.0591043	0.900852	1.02952	1.02952	0.318999	1.27178	1.27178	0.0624407	1.63155	1.63155	0.186374	1.38683	1.38683	0.509808	0.855489	-1.16892	0.956057	0.987219	-1.01295	0.00405742	0.406293	-2.46128	0.894414	0.969477	-1.03148	0.248555	1.32521	1.32521	3.17669	2.7417	0.767171	1
cg10813720	AIM1L;AIM1L	0.059105	0.145617	0.415181	-2.40859	0.0976249	0.359683	-2.78022	0.0248732	0.222643	-4.4915	0.731041	0.823552	-1.21425	0.0216491	0.211973	-4.71757	0.086211	0.344208	-2.90522	0.0358448	0.253146	-3.9503	0.0121228	0.172162	-5.8085	0.118747	0.385695	-2.59272	3.17667	15.9246	4.45599	1
cg09618904	GDF5	0.0591053	0.205699	0.669398	-1.49388	0.205381	0.66919	-1.49434	0.744237	0.906264	-1.10343	0.0152835	2.44837	2.44837	0.963696	0.986409	-1.01378	0.217738	1.47675	1.47675	0.046753	0.504335	-1.98281	0.0706068	0.544729	-1.83578	0.350215	1.33522	1.33522	3.17667	4.54778	1.27255	1
cg08553857	WDR18	0.0591058	0.602909	0.859209	-1.16386	0.47974	1.23086	1.23086	0.71639	0.89989	-1.11125	0.514557	1.21056	1.21056	0.00577471	0.351454	-2.84533	0.075358	0.564163	-1.77254	0.0793254	1.75618	1.75618	0.834436	0.941282	-1.06238	0.0898277	0.582389	-1.71707	3.17666	4.20548	1.17677	1
cg11535445	CSMD1	0.059106	0.598418	0.928778	-1.07668	0.0276766	0.696359	-1.43604	0.05494	0.738907	-1.35335	0.278793	0.855091	-1.16947	0.0334285	0.707863	-1.4127	0.392181	0.885266	-1.1296	0.037433	1.39894	1.39894	0.912772	1.01535	1.01535	0.125274	0.794004	-1.25944	3.17665	0.97233	0.272077	1
cg27340506	PSKH2	0.0591065	0.0315689	3.77101	3.77101	0.0113429	5.30767	5.30767	0.140907	2.30216	2.30216	0.555997	1.36829	1.36829	0.559596	1.3643	1.3643	0.120135	2.42955	2.42955	0.176782	2.1297	2.1297	0.00884768	5.78097	5.78097	0.0536081	3.17092	3.17092	3.17664	13.9473	3.90274	1
cg14753094	HSD17B12	0.0591078	0.0267598	0.177557	-5.632	0.660138	1.33837	1.33837	0.96458	0.971175	-1.02968	0.153764	0.365732	-2.73424	0.0350316	0.198347	-5.04166	0.102294	0.307992	-3.24684	0.00900739	0.112237	-8.90971	0.161426	0.373446	-2.67776	0.0546555	0.237945	-4.20265	3.17661	21.8258	6.10734	1
cg21308809	KCNH6;KCNH6	0.0591092	0.0263474	0.568446	-1.75918	0.106124	1.46002	1.46002	0.0808775	0.660275	-1.51452	0.105885	0.684712	-1.46047	0.0228116	0.557527	-1.79364	0.860966	0.963104	-1.03831	0.0696853	0.647237	-1.54503	0.104138	0.683168	-1.46377	0.568481	0.883727	-1.13157	3.17658	2.31364	0.647414	1
cg10780367	TSPAN14;TSPAN14	0.0591132	0.304142	0.743658	-1.3447	0.257746	1.38912	1.38912	0.248278	0.714704	-1.39918	0.925309	0.974242	-1.02644	0.0102038	0.406	-2.46306	0.315255	1.33508	1.33508	0.0146256	0.433151	-2.30866	0.79072	0.928654	-1.07683	0.087699	0.591809	-1.68973	3.1765	3.89636	1.09033	1
cg21052403	IFITM3;IFITM3	0.0591139	0.0155741	0.490971	-2.03678	0.60821	1.13202	1.13202	0.214333	0.730865	-1.36824	0.976797	1.007	1.007	0.0151048	0.488674	-2.04635	0.115378	1.50759	1.50759	0.73758	1.08399	1.08399	0.553578	1.15456	1.15456	0.115203	0.663155	-1.50794	3.17649	2.89353	0.809709	1
cg12545687	PCDH8;PCDH8	0.0591143	0.833068	1.05557	1.05557	0.0150609	2.15027	2.15027	0.413958	1.23864	1.23864	0.0118026	2.23844	2.23844	0.849069	1.05003	1.05003	0.241565	0.730428	-1.36906	0.252672	0.736257	-1.35822	0.499027	0.838737	-1.19227	0.101496	1.58322	1.58322	3.17648	3.3036	0.924461	1
cg04974323	ZNF502;ZNF502;ZNF502;ZNF502	0.0591144	0.633127	1.1262	1.1262	0.00115162	3.25619	3.25619	0.88689	1.0358	1.0358	0.602685	1.13859	1.13859	0.263649	1.33373	1.33373	0.277141	1.32225	1.32225	0.902487	1.03076	1.03076	0.288986	0.761835	-1.31262	0.519404	1.17517	1.17517	3.17648	3.07275	0.859861	1
cg19183433	CWC22	0.0591145	0.0883331	3.84049	3.84049	0.0964541	3.67487	3.67487	0.120552	3.2888	3.2888	?	?	?	0.515415	0.64046	-1.56138	0.038751	0.169855	-5.88737	0.0388688	5.87775	5.87775	0.259344	2.24825	2.24825	0.0498557	5.14921	5.14921	4.42382	25.6152	3.61893	1
cg00822898	RGS12;RGS12	0.0591147	0.34415	0.805771	-1.24105	0.959984	1.01118	1.01118	0.359185	0.811445	-1.23237	0.219675	1.33113	1.33113	0.999139	0.999761	-1.00024	0.64654	0.902734	-1.10775	0.00190101	0.37718	-2.65126	0.203854	0.742895	-1.34609	0.0921448	0.663086	-1.5081	3.17647	2.47084	0.691429	1
cg15233183	TPM4;TPM4	0.0591152	0.784966	0.960314	-1.04133	0.480491	1.11203	1.11203	0.85043	0.972437	-1.02834	0.0705943	1.34874	1.34874	0.141111	1.26408	1.26408	0.00244493	1.86687	1.86687	0.415255	1.13122	1.13122	0.127707	1.27615	1.27615	0.0537061	1.38313	1.38313	3.17646	1.10284	0.308616	1
cg05945782	MIR212	0.0591158	0.0818151	0.462172	-2.1637	0.691792	0.852595	-1.17289	0.573888	1.25534	1.25534	0.894844	1.05435	1.05435	0.0131277	0.292002	-3.42464	0.922374	1.03978	1.03978	0.00666334	0.244388	-4.09185	0.146485	0.535907	-1.866	0.12024	0.509384	-1.96316	3.17645	8.05833	2.25502	1
cg05269784	EPHA8	0.0591163	0.237286	1.5857	1.5857	0.21129	0.612385	-1.63296	0.873632	0.942454	-1.06106	0.493301	0.771773	-1.29572	0.394445	1.38374	1.38374	0.0118916	0.310656	-3.219	0.0089459	0.289914	-3.4493	0.136126	0.54991	-1.81848	0.76621	0.89491	-1.11743	3.17643	6.9755	1.95201	1
cg00968545	ZNF219;ZNF219;C14orf176;ZNF219;C14orf176	0.0591167	0.617167	1.20348	1.20348	0.458423	1.3198	1.3198	0.00353157	4.27833	4.27833	0.530876	0.791911	-1.26277	0.387768	0.722279	-1.38451	0.575778	0.812391	-1.23093	0.0644809	0.4661	-2.14546	0.211651	0.616563	-1.62189	0.673917	0.855953	-1.16829	3.17643	6.7953	1.90159	1
cg18559739	CDYL	0.0591188	0.0585284	13.1888	13.1888	0.0191405	30.6193	30.6193	0.072422	11.2386	11.2386	0.0642762	12.2934	12.2934	0.0646035	12.2466	12.2466	0.345571	3.22964	3.22964	0.0520465	14.4019	14.4019	0.0118752	44.2613	44.2613	0.0595063	13.0259	13.0259	3.17638	73.273	20.5049	1
cg10789956	DPYSL2	0.0591194	0.100644	3.46449	3.46449	0.0181376	7.26134	7.26134	0.0315721	5.70808	5.70808	0.0542053	4.52544	4.52544	0.109936	3.33329	3.33329	0.100107	3.4726	3.4726	0.0562539	4.45396	4.45396	0.0119541	8.73211	8.73211	0.129844	3.09762	3.09762	3.17637	24.0185	6.72143	1
cg00147863	ZFR2;ZFR2;ZFR2	0.0591197	0.827719	0.968734	-1.03228	0.229682	0.832191	-1.20165	0.0955975	0.765811	-1.30581	0.838769	0.970744	-1.03014	0.345267	1.1522	1.1522	0.0155657	1.54089	1.54089	0.0520654	1.38001	1.38001	0.227051	0.831239	-1.20302	0.116465	0.779887	-1.28224	3.17636	1.0686	0.299042	1
cg01806181	GRIN3B	0.0591217	0.0904884	0.495381	-2.01865	0.913585	0.959946	-1.04173	0.0836897	0.486324	-2.05624	0.0897898	0.494474	-2.02235	0.329321	0.684465	-1.461	0.422897	0.734726	-1.36105	0.0171139	0.334741	-2.98738	0.0101412	0.294859	-3.39145	0.0185077	0.341066	-2.93198	3.17632	7.13404	1.99645	1
cg05797854	NOX3	0.0591218	0.261033	0.665013	-1.50373	0.898761	0.956669	-1.04529	0.0032778	0.24792	-4.03356	0.0256334	0.397457	-2.516	0.411503	0.746584	-1.33943	0.999992	0.999996	-1	0.756373	1.11439	1.11439	0.602135	0.832723	-1.20088	0.0368311	0.430014	-2.32551	3.17632	6.09297	1.70511	1
cg06805873	MALT1;MALT1;MALT1;MALT1	0.0591219	0.949866	0.989068	-1.01105	0.362693	1.17768	1.17768	0.580818	0.907104	-1.10241	0.786788	0.953711	-1.04854	0.47284	0.880171	-1.13614	0.148753	0.762827	-1.31091	0.0020467	0.467837	-2.1375	0.252356	0.81138	-1.23247	0.189809	1.27477	1.27477	3.17632	1.53732	0.430217	1
cg01787574	LMO3;LMO3	0.0591221	0.0915772	0.49414	-2.02372	0.0144846	0.318815	-3.13662	0.438767	1.34941	1.34941	0.909793	1.04394	1.04394	0.267733	0.645272	-1.54973	0.968936	0.985332	-1.01489	0.00458103	0.238766	-4.1882	0.916974	1.04036	1.04036	0.628804	0.831239	-1.20302	3.17631	7.24334	2.02704	1
cg26349606	SHISA4;SHISA4;SHISA4	0.0591223	0.317077	1.23844	1.23844	0.60565	0.897909	-1.1137	0.963708	0.990636	-1.00945	0.33356	1.22903	1.22903	0.38251	1.20343	1.20343	0.756603	0.937738	-1.0664	0.00221175	0.411975	-2.42733	0.302457	1.24716	1.24716	0.257299	1.27691	1.27691	3.17631	2.15069	0.601871	1
cg00106420	DIABLO;DIABLO;DIABLO;DIABLO	0.0591234	0.0270689	1.32251	1.32251	0.984226	1.00211	1.00211	0.0371958	1.29481	1.29481	0.272047	0.885043	-1.12989	0.581839	0.942322	-1.06121	0.512082	1.07361	1.07361	0.0311766	0.7633	-1.3101	0.310458	0.893958	-1.11862	0.186062	0.860925	-1.16154	3.17629	0.573925	0.160614	1
cg04765277	FLJ45983;FLJ45983	0.0591245	0.576344	0.806061	-1.2406	0.972288	1.01336	1.01336	0.908745	0.957151	-1.04477	0.00637665	3.88018	3.88018	0.841808	1.07931	1.07931	0.757216	0.888309	-1.12573	0.695436	0.860475	-1.16215	0.00581646	3.97304	3.97304	0.847064	1.07654	1.07654	3.17626	7.33839	2.05367	1
cg25765264	MICALL2	0.0591249	0.0185469	0.225201	-4.44049	0.353888	0.607724	-1.64548	0.213012	0.504199	-1.98334	0.506854	0.703544	-1.42137	0.00848937	0.173046	-5.77882	0.892612	1.07307	1.07307	0.0245561	0.247002	-4.04855	0.514224	0.707954	-1.41252	0.0321313	0.269668	-3.70826	3.17625	13.7147	3.83813	1
cg02329425	LOC100188947;HECTD2;HECTD2	0.0591253	0.149206	1.19659	1.19659	0.718661	0.958891	-1.04287	0.269312	0.875038	-1.14281	0.828398	1.02551	1.02551	0.0136812	1.4245	1.4245	0.621247	0.943847	-1.05949	0.130792	0.827514	-1.20844	0.0268314	0.737628	-1.3557	0.291741	1.13535	1.13535	3.17625	0.677333	0.189555	1
cg16418684	VWCE	0.0591296	0.0614948	0.786549	-1.27138	0.848101	1.0221	1.0221	0.0097595	1.45135	1.45135	0.0338368	1.32633	1.32633	0.151943	1.19118	1.19118	0.118353	1.21319	1.21319	0.441159	1.09366	1.09366	0.650849	1.0533	1.0533	0.17287	1.17979	1.17979	3.17616	0.653513	0.182894	1
cg26885220	DNAJC6	0.0591305	0.85289	0.902867	-1.10758	0.184203	0.457334	-2.18659	0.818771	0.881312	-1.13467	0.784564	1.16285	1.16285	0.801743	1.14856	1.14856	0.0925744	0.355579	-2.81231	0.0148768	0.181906	-5.49736	0.0041702	0.108989	-9.17525	0.870215	1.09418	1.09418	3.43013	16.1087	3.65262	1
cg07522403	KCTD7;KCTD7	0.0591307	0.0586224	2.89176	2.89176	0.856562	0.913989	-1.0941	0.984427	1.00975	1.00975	0.13206	2.24332	2.24332	0.167122	2.07937	2.07937	0.563651	1.33666	1.33666	0.011569	4.80395	4.80395	0.00749394	5.53449	5.53449	0.0784037	2.64276	2.64276	3.17613	12.4288	3.47839	1
cg18780217	ALDH2;ALDH2	0.0591335	0.553472	0.916862	-1.09068	0.0430124	1.40098	1.40098	0.747054	1.04797	1.04797	0.0374771	1.41846	1.41846	0.464962	1.11369	1.11369	0.407124	1.13065	1.13065	0.041088	0.710852	-1.40676	0.281442	1.17597	1.17597	0.0219416	1.48891	1.48891	3.17608	1.05469	0.295178	1
cg16836311	MAN1C1	0.0591337	0.0561843	9.36488	9.36488	0.120329	5.71371	5.71371	0.0273457	14.8859	14.8859	0.15483	4.83062	4.83062	0.99249	1.00978	1.00978	0.281534	3.18244	3.18244	0.369586	0.385532	-2.59382	0.0505125	0.0997262	-10.0275	0.0741826	7.83067	7.83067	3.17607	53.8187	15.0623	1
cg00709652	ABI3BP	0.0591339	0.012442	0.295536	-3.38368	0.770412	1.12152	1.12152	0.0972516	0.490053	-2.0406	0.0292857	0.365548	-2.73562	0.0108477	0.285426	-3.50354	0.788147	1.11133	1.11133	0.462348	0.745859	-1.34074	0.6581	0.83984	-1.1907	0.1197	0.515994	-1.93801	3.17607	7.72596	2.16227	1
cg18755950	DVL2	0.059134	0.787381	1.05641	1.05641	0.0313028	1.66992	1.66992	0.732129	0.932635	-1.07223	0.0153339	0.546569	-1.82959	0.898871	1.02614	1.02614	0.0634632	0.654686	-1.52745	0.141458	0.725462	-1.37843	0.269547	1.26286	1.26286	0.242771	0.780265	-1.28162	3.17606	2.07245	0.58002	1
cg27549878	SPRED3	0.0591341	0.850721	1.10624	1.10624	0.445458	0.65913	-1.51715	0.0856222	0.361234	-2.76829	0.554311	0.725749	-1.37789	0.41393	1.56455	1.56455	0.357848	1.65988	1.65988	0.00305004	8.80124	8.80124	0.510068	1.43061	1.43061	0.267102	0.538155	-1.8582	3.17606	14.4471	4.04334	1
cg01346767	SCARF2;SCARF2	0.0591342	0.40304	0.783314	-1.27663	0.0672019	0.556873	-1.79574	0.118106	0.616149	-1.62298	0.95202	1.01732	1.01732	0.00260365	0.304105	-3.28834	0.553095	0.842621	-1.18677	0.158988	0.650754	-1.53668	0.0322315	0.488815	-2.04576	0.94334	0.979919	-1.02049	3.17606	4.09699	1.14663	1
cg10123347	DDHD1;DDHD1;DDHD1	0.0591359	0.0020559	2.96783	2.96783	0.351277	1.27168	1.27168	0.122436	1.52098	1.52098	0.0573186	1.71377	1.71377	0.959881	1.01268	1.01268	0.756711	0.925099	-1.08096	0.235446	1.36549	1.36549	0.942879	0.982208	-1.01811	0.110773	1.54546	1.54546	3.17602	3.15713	0.883601	1
cg10789018	C19orf36;C19orf36;MOBKL2A	0.059137	0.628684	0.932973	-1.07184	0.0394069	0.712286	-1.40393	0.00788951	0.615556	-1.62455	0.504549	0.908085	-1.10122	0.497559	1.10302	1.10302	0.442885	1.11783	1.11783	0.168416	1.2324	1.2324	0.775291	1.04159	1.04159	0.108124	1.28349	1.28349	3.176	1.01967	0.285381	1
cg17957094	PTK2;PTK2	0.0591386	0.127653	0.51049	-1.9589	0.00867695	0.25525	-3.91773	0.283854	0.634776	-1.57536	0.111569	2.02877	2.02877	0.0779326	0.449506	-2.22467	0.458839	0.734994	-1.36056	0.990482	1.00488	1.00488	0.10013	2.08627	2.08627	0.803537	0.903257	-1.1071	3.17597	8.38132	2.34576	1
cg18691242	CRY1	0.0591392	0.221932	1.38736	1.38736	0.591708	0.871023	-1.14808	0.0978045	1.58921	1.58921	0.235326	1.37329	1.37329	0.292985	1.32079	1.32079	0.818035	0.942919	-1.06054	0.00742051	0.414968	-2.40982	0.0707504	1.6736	1.6736	0.479472	0.832482	-1.20123	3.17596	3.27175	0.915699	1
cg12531611	NEDD9;NEDD9;NEDD9	0.0591394	0.0775074	1.39484	1.39484	0.00782226	1.78412	1.78412	0.984472	1.00331	1.00331	0.176322	1.27607	1.27607	0.434691	0.873564	-1.14474	0.142884	1.30611	1.30611	0.0137107	1.67678	1.67678	0.19969	1.25831	1.25831	0.811098	0.960207	-1.04144	3.17595	1.44663	0.404886	1
cg13964378	BIVM;BIVM;KDELC1	0.0591403	0.017192	2.0688	2.0688	0.0250683	0.513063	-1.94908	0.079195	0.613863	-1.62903	0.11408	1.5379	1.5379	0.960231	0.987592	-1.01256	0.64537	0.890445	-1.12303	0.634812	1.12728	1.12728	0.342002	1.27782	1.27782	0.494581	0.840567	-1.18967	3.17593	3.15378	0.88269	1
cg14556243	GAPVD1	0.0591412	0.825801	1.13365	1.13365	0.129939	0.394168	-2.53699	0.322896	0.559277	-1.78802	0.192469	0.456083	-2.19258	0.0091264	0.151841	-6.58586	0.0390584	0.256839	-3.8935	0.0108223	0.161773	-6.18148	0.850286	1.11354	1.11354	0.12855	0.392627	-2.54695	3.17591	16.2917	4.55978	1
cg04575478	PGS1	0.0591416	0.89899	0.970413	-1.03049	0.545965	1.15548	1.15548	0.0070015	0.438345	-2.28131	0.879294	0.964699	-1.03659	0.0163797	0.499634	-2.00147	0.602836	1.13218	1.13218	0.0474274	0.58489	-1.70972	0.980695	1.00574	1.00574	0.145557	0.69103	-1.44711	3.17591	2.81317	0.787364	1
cg09155001	CALHM1	0.0591426	0.0192613	0.290221	-3.44565	0.0443565	0.364534	-2.74323	0.338348	0.649687	-1.5392	0.0183134	0.286195	-3.49412	0.0220636	0.301301	-3.31894	0.201176	0.554401	-1.80375	0.0461854	0.368552	-2.71332	0.0507281	0.378053	-2.64513	0.132577	0.492057	-2.03229	3.17588	9.60396	2.68802	1
cg23987381	LOC285593;LOC285593	0.0591432	0.566304	1.23286	1.23286	0.00130276	0.184367	-5.42398	0.966129	1.01545	1.01545	0.747717	0.89	-1.1236	0.300864	0.679028	-1.47269	0.314533	0.686902	-1.45581	0.46732	1.30613	1.30613	0.319225	0.689562	-1.45019	0.660286	1.17317	1.17317	3.17587	6.55842	1.83562	1
cg13341668	HYAL2;HYAL2	0.0591445	0.409677	0.554915	-1.80208	0.0192721	7.22289	7.22289	0.0825898	3.83001	3.83001	0.108323	3.39935	3.39935	0.0257935	0.157383	-6.35393	0.461134	0.592112	-1.68887	0.42616	0.566901	-1.76398	0.664085	1.3569	1.3569	0.559621	0.662279	-1.50994	3.17584	24.5391	6.86828	1
cg24620673	EPHA5;EPHA5	0.059145	0.30654	0.870414	-1.14888	0.538961	0.921685	-1.08497	0.678863	1.0561	1.0561	0.174893	1.20824	1.20824	0.24214	1.17409	1.17409	0.00411873	1.65611	1.65611	0.843777	1.0262	1.0262	0.0195942	1.44737	1.44737	0.404932	1.1182	1.1182	3.17583	0.864518	0.241971	1
cg22683038	LHX4	0.0591454	0.907649	1.06885	1.06885	0.522772	1.4501	1.4501	0.0878216	0.339258	-2.94761	0.599401	0.737783	-1.35541	0.527306	0.692479	-1.44409	0.750663	1.20071	1.20071	0.00162915	0.0750228	-13.3293	0.372757	1.69049	1.69049	0.78079	0.852087	-1.17359	3.17582	16.5581	4.63447	1
cg09385650	BANP;BANP	0.0591457	0.62959	1.13424	1.13424	0.862654	0.956113	-1.0459	0.790558	0.933334	-1.07143	0.994264	1.00186	1.00186	0.0048117	0.379238	-2.63687	0.0312337	0.51937	-1.92541	0.0182444	0.475822	-2.10163	0.580203	0.865197	-1.15581	0.941335	1.01926	1.01926	3.17582	3.37897	0.94575	1
cg21269393	KIF26B	0.0591483	0.200481	1.40381	1.40381	0.093679	0.629762	-1.5879	0.15975	0.686037	-1.45765	0.0196623	2.02767	2.02767	0.0821282	1.62114	1.62114	0.184226	1.42378	1.42378	0.0568693	1.717	1.717	0.269103	1.33469	1.33469	0.309239	1.30207	1.30207	3.17576	3.16464	0.885774	1
cg05686118	GPR114	0.0591494	0.101504	0.361594	-2.76553	0.341043	1.74483	1.74483	0.368247	0.591942	-1.68936	0.270564	0.521605	-1.91716	0.0112513	0.165032	-6.05944	0.0470296	0.275363	-3.63157	0.013404	0.175966	-5.68292	0.13793	0.403999	-2.47526	0.151155	0.4178	-2.39349	3.17574	16.1905	4.53171	1
cg05962106	SLC22A11	0.0591507	0.146653	0.713607	-1.40133	0.195323	1.34536	1.34536	0.1056	0.68187	-1.46656	0.170438	1.3719	1.3719	0.0142068	0.519341	-1.92552	0.177853	0.733357	-1.36359	0.951387	1.01329	1.01329	0.056561	0.626558	-1.59602	0.109855	0.685576	-1.45863	3.17571	2.35952	0.660436	1
cg02978139	KCNIP4;KCNIP4;KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.059151	0.133727	0.423959	-2.35872	0.680562	0.80281	-1.24562	0.0418189	0.288026	-3.47191	0.176588	2.14292	2.14292	0.0487222	0.302896	-3.30147	0.0729782	0.346089	-2.88943	0.102095	0.387009	-2.58392	0.175728	2.14658	2.14658	0.0555419	0.316256	-3.162	3.17571	14.1581	3.96289	1
cg21035142	CRYGN	0.0591527	0.0992965	0.608694	-1.64286	0.134284	1.5584	1.5584	0.0766614	1.7178	1.7178	0.199185	0.688847	-1.4517	0.817403	1.06561	1.06561	0.00922419	2.4796	2.4796	0.0824601	1.69642	1.69642	0.906474	1.03282	1.03282	0.70593	1.10977	1.10977	3.17567	3.79703	1.06281	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21500064	SULF2;SULF2;SULF2	0.0591534	0.20439	0.592381	-1.6881	0.320733	0.669582	-1.49347	0.109797	0.505848	-1.97688	0.155462	0.551975	-1.81168	0.00123479	0.157767	-6.33846	0.772168	1.12019	1.12019	0.278729	0.643834	-1.55319	0.343494	0.682824	-1.46451	0.350546	0.686841	-1.45594	3.17566	7.68747	2.15178	1
cg16770368	DCHS1	0.0591534	0.0158631	0.425307	-2.35124	0.707216	0.896564	-1.11537	0.568213	0.846274	-1.18165	0.0231269	0.455721	-2.19432	0.130797	0.623666	-1.60342	0.0180944	0.435737	-2.29496	0.073312	0.561083	-1.78227	0.337288	0.751065	-1.33144	0.0223874	0.453033	-2.20734	3.17566	4.21154	1.17884	1
cg00119079	LAMP3	0.0591548	0.68519	0.841691	-1.18809	0.00973915	3.98496	3.98496	0.441753	1.39332	1.39332	0.195249	1.78476	1.78476	0.467159	0.731346	-1.36734	0.170494	1.85379	1.85379	0.845789	1.08583	1.08583	0.00610238	4.54333	4.54333	0.197593	1.77876	1.77876	3.17563	8.99343	2.51735	1
cg02256570	ZFP90	0.0591557	0.302072	0.853289	-1.17194	0.150031	1.25733	1.25733	0.0175374	1.53566	1.53566	0.0312843	0.687326	-1.45491	0.640829	0.932649	-1.07222	0.893299	1.02011	1.02011	0.95393	0.991463	-1.00861	0.433506	0.888162	-1.12592	0.0460438	1.40393	1.40393	3.17561	1.10759	0.310026	1
cg12786015	CDH4	0.0591578	0.0626458	0.559962	-1.78583	0.39812	0.787043	-1.27058	0.0415423	1.91653	1.91653	0.181822	0.675508	-1.48037	0.0205073	0.461768	-2.16559	0.503467	0.828668	-1.20676	0.310261	1.33726	1.33726	0.857854	0.951586	-1.05088	0.0564214	0.54997	-1.81828	3.17557	3.85338	1.07862	1
cg07188233	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.0591591	0.735719	0.892356	-1.12063	0.671789	1.15405	1.15405	0.560073	0.820288	-1.21908	?	?	?	0.994742	0.997787	-1.00222	0.695089	0.875965	-1.1416	0.00161662	0.218824	-4.56988	0.105077	0.551341	-1.81376	0.704945	1.13643	1.13643	3.21984	5.12311	1.5911	1
cg01828434	TSC22D3;TSC22D3;TSC22D3	0.0591593	0.0255931	4.2425	4.2425	0.434443	0.647548	-1.54429	0.135275	0.415918	-2.40432	0.124167	2.47737	2.47737	0.37583	0.609425	-1.64089	0.0312178	0.252217	-3.96484	0.0998993	0.3744	-2.67094	0.196516	0.475161	-2.10455	0.557976	0.724091	-1.38104	3.17553	14.9325	4.17988	1
cg04239247	FNBP1L;FNBP1L;FNBP1L	0.0591593	0.0166372	0.2579	-3.87747	0.152893	0.491907	-2.03291	0.276102	0.591526	-1.69054	0.253714	0.57556	-1.73744	0.00424597	0.169727	-5.89181	0.0806894	0.40748	-2.45411	0.0342318	0.318236	-3.14232	0.432582	0.689926	-1.44943	0.21345	0.544892	-1.83523	3.17553	10.8023	3.02377	1
cg08754625	RAB6B	0.0591596	0.790351	0.927131	-1.0786	0.684592	0.890509	-1.12295	0.272784	1.38279	1.38279	0.246104	1.41119	1.41119	0.941253	0.97929	-1.02115	0.413598	0.78873	-1.26786	0.0053897	0.353363	-2.82995	0.627073	1.14915	1.14915	0.0176006	0.440369	-2.27082	3.17553	4.05506	1.13509	1
cg01363734	TESC;TESC;TESC	0.05916	0.311843	0.633265	-1.57912	0.00630021	0.211467	-4.72887	0.0112748	0.250074	-3.99882	0.572823	1.2825	1.2825	0.0472096	0.371005	-2.69538	0.75471	0.872094	-1.14666	0.176717	0.534154	-1.87212	0.835817	0.913366	-1.09485	0.224616	0.572931	-1.74541	3.17552	9.58962	2.68432	1
cg19254163	GPR44	0.0591602	0.119676	0.378149	-2.64446	0.770735	0.845101	-1.18329	0.0883155	0.33854	-2.95386	0.0506837	0.277358	-3.60545	0.0121262	0.165136	-6.05561	0.0855454	0.334665	-2.98807	0.0331193	0.238171	-4.19867	0.0352191	0.243481	-4.1071	0.0325229	0.236623	-4.22614	3.17552	16.6836	4.67007	1
cg13000039	OBSL1	0.0591609	0.12031	0.707923	-1.41258	0.173083	0.74291	-1.34606	0.0757653	0.666871	-1.49954	0.251872	0.782414	-1.2781	0.00790078	0.497372	-2.01057	0.0503801	0.633054	-1.57964	0.158048	1.36258	1.36258	0.467912	1.16346	1.16346	0.63871	0.907613	-1.10179	3.1755	2.11333	0.591564	1
cg05928023	ATRN;ATRN	0.0591631	0.981798	0.993572	-1.00647	0.126735	0.62692	-1.5951	0.238307	0.705285	-1.41787	0.189774	1.48083	1.48083	0.176358	0.666095	-1.50129	0.00542452	0.355451	-2.81333	0.198659	0.681147	-1.46811	0.0229184	0.463333	-2.15828	0.495482	0.822303	-1.2161	3.17545	4.01875	1.12495	1
cg13958093	EXOSC9;EXOSC9	0.0591641	0.00543853	0.2041	-4.89955	0.0797025	2.32805	2.32805	0.48232	1.36379	1.36379	0.116584	2.09776	2.09776	0.980573	0.989476	-1.01064	0.529062	0.757999	-1.31926	0.437767	1.41047	1.41047	0.117161	2.0949	2.0949	0.965295	0.981273	-1.01908	3.17543	9.49465	2.65781	1
cg02679779	FAM114A2;MFAP3;MFAP3;MFAP3	0.0591651	0.0178054	0.549562	-1.81963	0.518313	1.14577	1.14577	0.127169	0.709798	-1.40885	0.192217	1.33218	1.33218	0.0123206	0.523297	-1.91096	0.122982	0.706648	-1.41513	0.535875	0.877865	-1.13913	0.687892	0.919513	-1.08753	0.382448	1.20456	1.20456	3.17541	2.17139	0.607833	1
cg14506366	SLC6A3	0.0591669	0.840477	1.11414	1.11414	0.0861252	0.361696	-2.76476	0.0194042	0.219633	-4.55304	0.515695	0.702257	-1.42398	0.143291	0.430201	-2.32449	0.884176	0.924804	-1.08131	0.00323099	0.115958	-8.62381	0.555838	0.726509	-1.37645	0.125579	0.411071	-2.43267	3.17537	14.4637	4.04885	1
cg14221142	SETD2	0.0591677	0.378443	1.19715	1.19715	0.071381	1.49329	1.49329	0.0272108	1.68284	1.68284	0.00669239	2.01467	2.01467	0.642153	0.911023	-1.09767	0.847698	1.03903	1.03903	0.553376	0.887459	-1.12681	0.107338	1.41904	1.41904	0.362507	0.829966	-1.20487	3.17536	1.99414	0.558225	1
cg12840850	ZBTB46	0.0591696	0.402946	1.54439	1.54439	0.00713182	5.83946	5.83946	0.0426416	3.27115	3.27115	0.0886925	2.59494	2.59494	0.202021	0.504568	-1.98189	0.637334	1.27269	1.27269	0.895802	0.935629	-1.0688	0.0400224	3.33723	3.33723	0.220437	1.92359	1.92359	3.17532	12.9674	3.63005	1
cg02086858	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.0591709	0.920667	1.02617	1.02617	0.0299229	0.515594	-1.93951	0.0403051	1.84843	1.84843	0.143776	1.5028	1.5028	0.946987	1.01739	1.01739	0.711124	1.10128	1.10128	0.404416	0.801523	-1.24762	0.0152141	0.461577	-2.16649	0.8535	0.953194	-1.0491	3.17529	3.38211	0.946786	1
cg27258283	ANKRD11	0.0591719	0.142468	1.22399	1.22399	0.724787	0.955695	-1.04636	0.472685	0.910612	-1.09816	0.389105	1.1198	1.1198	0.32905	1.13785	1.13785	0.179157	1.20074	1.20074	0.00164962	1.78158	1.78158	0.795251	1.0339	1.0339	0.553042	0.925953	-1.07997	3.17527	0.826506	0.231373	1
cg04618812	ACADS	0.0591732	0.330879	1.19298	1.19298	0.426756	1.15341	1.15341	0.0555774	0.682803	-1.46455	0.463444	1.14026	1.14026	0.198509	0.787421	-1.26997	0.0144642	0.5886	-1.69895	0.658647	0.924784	-1.08133	0.495147	1.12956	1.12956	0.0192241	0.607652	-1.64568	3.17524	1.55559	0.435477	1
cg17036833	EBF1	0.0591732	0.727535	1.0703	1.0703	0.394385	0.844133	-1.18465	0.130729	1.37298	1.37298	0.219265	0.778067	-1.28524	0.0899903	0.695598	-1.43761	0.878764	1.03009	1.03009	0.00414329	0.473968	-2.10985	0.245357	1.2662	1.2662	0.711156	1.07492	1.07492	3.17524	1.89734	0.531149	1
cg14289294	MRPL23	0.0591746	0.417243	1.37665	1.37665	0.0600266	0.441309	-2.26599	0.0418238	0.40473	-2.47078	0.414851	1.37901	1.37901	0.194257	1.6981	1.6981	0.914324	1.04237	1.04237	0.882288	0.944472	-1.05879	0.0111926	3.40645	3.40645	0.294066	1.52139	1.52139	3.17521	7.47624	2.09295	1
cg19309079	GPR39	0.0591751	0.650269	0.907505	-1.10192	0.33835	1.23351	1.23351	0.0258421	0.569688	-1.75535	0.774443	0.940733	-1.063	0.802406	1.05476	1.05476	0.507755	1.1536	1.1536	0.00307811	0.422502	-2.36685	0.266924	0.781966	-1.27883	0.372757	0.823184	-1.2148	3.1752	2.2738	0.636543	1
cg26384031	ZNF211;ZNF211	0.0591751	0.0598328	0.798365	-1.25256	0.786464	1.02921	1.02921	0.127745	1.1908	1.1908	0.942918	1.00762	1.00762	0.257974	0.882343	-1.13335	0.665964	1.04713	1.04713	0.020107	0.742787	-1.34628	0.274392	0.886387	-1.12818	0.0309846	1.30809	1.30809	3.1752	0.565506	0.158312	1
cg06203307	C7orf65;C7orf65	0.0591752	0.0516631	0.516814	-1.93493	0.0559658	1.90649	1.90649	0.159274	0.638708	-1.56566	0.854186	0.946646	-1.05636	0.0122329	0.394455	-2.53514	0.464106	1.24867	1.24867	0.158753	0.638301	-1.56666	0.511969	0.820184	-1.21924	0.123964	0.608648	-1.64298	3.1752	4.46684	1.25048	1
cg26917132	FBXO31;MAP1LC3B	0.0591765	0.00189595	0.0890839	-11.2254	0.73588	1.20442	1.20442	0.114163	2.57049	2.57049	0.575168	1.36492	1.36492	0.715232	1.22299	1.22299	0.805939	1.14479	1.14479	0.382881	0.611638	-1.63495	0.553043	1.39053	1.39053	0.614409	0.756479	-1.32191	3.17517	15.1781	4.2491	1
cg04748010	POU6F2;POU6F2	0.0591771	0.112339	0.524408	-1.90691	0.585559	1.22826	1.22826	0.628224	0.833436	-1.19985	0.959799	1.019	1.019	0.00318821	0.222321	-4.498	0.45121	0.750791	-1.33193	0.0210765	0.354909	-2.81763	0.774298	1.11333	1.11333	0.191036	0.596339	-1.6769	3.17516	7.01129	1.96282	1
cg24216294	ZNF623;ZNF623	0.0591781	0.945648	0.987129	-1.01304	0.0347223	0.626421	-1.59637	0.0869105	0.698215	-1.43222	0.302474	0.81631	-1.22503	0.353536	1.19886	1.19886	0.123997	1.37233	1.37233	0.018296	1.72311	1.72311	0.230386	0.78735	-1.27008	0.886927	0.973328	-1.0274	3.17514	1.8155	0.508255	1
cg04083076	SLC19A2	0.0591796	0.254398	0.723936	-1.38134	0.149581	0.657435	-1.52106	0.200298	0.692648	-1.44374	0.249193	1.38671	1.38671	0.00758436	0.393678	-2.54015	0.434766	0.805469	-1.24151	0.0157177	0.447716	-2.23356	0.798859	0.933032	-1.07177	0.0624056	0.565902	-1.76709	3.17511	3.70544	1.03736	1
cg21692930	PRDM16;PRDM16	0.0591819	0.557709	0.851508	-1.17439	0.0884628	0.600753	-1.66458	0.961936	1.01302	1.01302	0.436098	1.24038	1.24038	0.00213723	0.310501	-3.22061	0.948345	0.982588	-1.01772	0.281393	1.35464	1.35464	0.750127	0.917019	-1.09049	0.16888	0.672041	-1.488	3.17506	3.69638	1.03484	1
cg24556334	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHAC2;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.0591821	0.0408657	1.4506	1.4506	0.0884384	0.743619	-1.34477	0.687221	0.938204	-1.06587	0.553103	1.09917	1.09917	0.199951	1.23786	1.23786	0.0927637	1.33843	1.33843	0.00815839	1.70505	1.70505	0.648733	0.930275	-1.07495	0.850166	0.970636	-1.03025	3.17506	1.24891	0.349645	1
cg21806238	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0591821	0.191176	0.453169	-2.20668	0.00203656	0.0831387	-12.0281	0.480521	0.66357	-1.507	0.930742	0.951502	-1.05097	0.0236303	0.21322	-4.68998	0.370234	0.590824	-1.69255	0.0958247	0.35129	-2.84665	0.227488	0.484542	-2.06381	0.333912	0.565541	-1.76822	3.17506	16.4472	4.60455	1
cg01057705	TXNRD2	0.059183	0.426739	0.870017	-1.1494	0.0156267	1.66293	1.66293	0.00713545	1.81523	1.81523	0.754326	0.947561	-1.05534	0.225332	0.80373	-1.2442	0.307433	1.19875	1.19875	0.493817	1.12663	1.12663	0.523077	0.894893	-1.11745	0.332132	1.18729	1.18729	3.17504	1.48042	0.414462	1
cg13619896	C18orf1;C18orf1	0.0591832	0.125256	0.28713	-3.48274	0.28115	2.32183	2.32183	0.772265	1.24387	1.24387	0.52526	0.616258	-1.6227	0.0152252	0.1063	-9.4073	0.56244	0.643783	-1.55332	0.00427906	0.0564849	-17.7038	0.442783	0.555169	-1.80125	0.466125	0.572507	-1.7467	3.17503	28.4368	7.96123	1
cg16823610	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0591842	0.0226361	0.204891	-4.88064	0.0113438	0.158607	-6.30491	0.271138	0.514045	-1.94535	0.659116	1.29415	1.29415	0.175806	0.433399	-2.30734	0.0351479	0.240407	-4.15961	0.325808	0.554721	-1.80271	0.916561	0.940946	-1.06276	0.0226637	0.204983	-4.87846	3.17501	16.9649	4.74956	1
cg00667974	C7orf55	0.0591842	0.753188	0.94645	-1.05658	0.835574	0.964387	-1.03693	0.234416	0.80455	-1.24293	0.168863	1.29146	1.29146	0.704929	1.06863	1.06863	0.211333	1.25829	1.25829	0.0107705	0.571789	-1.7489	0.0221488	1.61379	1.61379	0.372866	1.17306	1.17306	3.17501	1.53077	0.428561	1
cg04376887	CDT1	0.0591858	0.0909685	0.333182	-3.00136	0.550261	0.699937	-1.4287	0.664881	0.773163	-1.29339	0.205684	2.19911	2.19911	0.00747536	0.130968	-7.63546	0.241832	2.06087	2.06087	0.551679	1.42685	1.42685	0.0880851	3.03741	3.03741	0.251354	0.492923	-2.02872	3.17498	17.5205	4.90516	1
cg01934797	GLIS2	0.0591861	0.158281	0.710762	-1.40694	0.14588	1.42392	1.42392	0.409772	1.21024	1.21024	0.854256	0.959231	-1.0425	0.147724	0.703581	-1.4213	0.110677	0.674726	-1.48208	0.00627305	2.23909	2.23909	0.665756	0.906305	-1.10338	0.492764	1.1708	1.1708	3.17497	2.57653	0.721344	1
cg00687674	MIR548H4;TMEM84	0.0591874	0.147465	0.226643	-4.41222	0.253453	3.12372	3.12372	0.291866	2.84186	2.84186	0.322655	0.376942	-2.65293	0.18212	0.258603	-3.86693	0.548726	0.560181	-1.78514	0.0110353	0.0476148	-21.0019	0.0376606	0.0999925	-10.0007	0.0404786	0.104369	-9.5814	3.17495	45.8623	12.8401	1
cg08713005	UBA6;LOC550112	0.0591883	0.104975	0.779169	-1.28342	0.988684	1.002	1.002	0.0404318	1.39567	1.39567	0.0533178	0.734052	-1.3623	0.427689	0.892211	-1.12081	0.807185	1.03504	1.03504	0.537135	1.092	1.092	0.0423657	1.38997	1.38997	0.0599339	1.34843	1.34843	3.17493	0.997475	0.279264	1
cg09689944	SUOX;SUOX;SUOX	0.0591883	0.334107	0.867194	-1.15314	0.142615	1.25284	1.25284	0.00175795	1.89189	1.89189	0.424315	1.1238	1.1238	0.461728	0.898372	-1.11312	0.676723	1.06181	1.06181	0.404518	0.885148	-1.12975	0.789619	1.03899	1.03899	0.611503	1.07602	1.07602	3.17493	1.02878	0.288029	1
cg09000800	ALOX15	0.0591888	0.62539	1.17365	1.17365	0.366282	1.35262	1.35262	0.128964	1.70555	1.70555	0.306907	1.41086	1.41086	0.66493	1.15235	1.15235	0.806558	0.923269	-1.08311	0.110273	1.76186	1.76186	0.00116979	4.71396	4.71396	0.322184	1.39485	1.39485	3.17492	5.32463	1.49075	1
cg00860590	CHPF2;MIR671	0.0591894	0.190336	0.782117	-1.27858	0.0139442	1.71282	1.71282	0.77678	1.05166	1.05166	0.405708	1.16269	1.16269	0.285664	0.821609	-1.21712	0.583436	0.90653	-1.10311	0.00916502	1.79748	1.79748	0.250697	1.23699	1.23699	0.476661	1.13681	1.13681	3.1749	1.57881	0.442026	1
cg15071854	HPDL;HPDL	0.0591911	0.0967112	29.5838	29.5838	0.154891	16.9119	16.9119	0.11066	25.2543	25.2543	0.0905655	31.9433	31.9433	0.535416	3.20875	3.20875	0.199333	12.417	12.417	0.00414345	1261.71	1261.71	0.0199972	184.038	184.038	0.0582636	53.2718	53.2718	3.17487	173.512	48.5793	1
cg18259487	CHST12	0.0591937	0.758739	1.07013	1.07013	0.0434935	0.600015	-1.66662	0.483614	0.855019	-1.16957	0.00973877	2.05308	2.05308	0.695895	0.917204	-1.09027	0.360807	1.2296	1.2296	0.0709046	0.641487	-1.55888	0.886372	1.03196	1.03196	0.130111	0.697869	-1.43293	3.17481	2.43404	0.681487	1
cg07796563	CHFR;CHFR;CHFR;CHFR;CHFR	0.0591939	0.82303	1.08638	1.08638	0.00673208	0.272659	-3.66759	0.0704989	0.473484	-2.11201	0.863837	0.938489	-1.06554	0.490195	1.29593	1.29593	0.524615	0.787833	-1.2693	0.126633	1.8425	1.8425	0.787187	1.10526	1.10526	0.0367123	0.407536	-2.45377	3.17481	6.87818	1.92576	1
cg22087338	ZNF780B	0.0591953	0.944308	1.00892	1.00892	0.0794469	0.78078	-1.28077	0.069815	0.772814	-1.29397	0.820583	1.0293	1.0293	0.577299	1.07419	1.07419	0.399196	0.896097	-1.11595	0.0199597	1.42904	1.42904	0.0645192	1.30208	1.30208	0.0954742	1.26214	1.26214	3.17478	0.812387	0.227456	1
cg10530644	NSL1;TATDN3;NSL1;TATDN3;NSL1;TATDN3;NSL1;TATDN3;TATDN3	0.0591967	0.947171	1.01739	1.01739	0.197943	1.42481	1.42481	0.353011	1.28228	1.28228	0.572522	1.15994	1.15994	0.735965	1.09205	1.09205	0.927771	1.02387	1.02387	0.00148469	0.30345	-3.29544	0.980145	1.0065	1.0065	0.966083	1.01112	1.01112	3.17475	3.40358	0.95296	1
cg04068578	ST3GAL6	0.0591978	0.325633	0.650014	-1.53843	0.347953	0.663559	-1.50703	0.249403	0.599941	-1.66683	0.487653	0.741357	-1.34888	0.0193454	0.301065	-3.32155	0.315246	0.643564	-1.55385	0.047393	0.381853	-2.61881	0.215683	1.73855	1.73855	0.00622901	0.220167	-4.542	3.17473	9.0572	2.53591	1
cg00141295	LOC389493	0.0591986	0.00825188	0.448385	-2.23023	0.0645068	0.610745	-1.63734	0.223584	0.738161	-1.35472	0.288675	0.769885	-1.2989	0.0729255	0.621929	-1.6079	0.0895924	0.641243	-1.55947	0.459635	1.19573	1.19573	0.0212708	0.518247	-1.92958	0.100877	0.652716	-1.53206	3.17471	2.83434	0.793588	1
cg08336478	JAM3	0.0591989	0.307056	0.569829	-1.75491	0.0212616	0.229313	-4.36086	0.201466	0.487972	-2.0493	0.334053	0.588646	-1.69881	0.00821328	0.165538	-6.04093	0.242152	0.521463	-1.91768	0.0144117	0.201072	-4.97334	0.470943	1.4771	1.4771	0.554604	0.727675	-1.37424	3.17471	14.2247	3.98278	1
cg16096531	SP7	0.059199	0.0550256	0.528679	-1.89151	0.736116	1.10417	1.10417	0.410735	1.27946	1.27946	0.144339	0.631653	-1.58315	0.0352098	0.487415	-2.05164	0.0369621	2.03355	2.03355	0.162546	1.54773	1.54773	0.388221	1.29574	1.29574	0.263665	0.710799	-1.40687	3.1747	4.3155	1.2083	1
cg24140037	NMU	0.0591997	0.0352618	0.215238	-4.64603	0.106331	0.331306	-3.01836	0.139286	0.369083	-2.70942	0.288858	0.50173	-1.9931	0.140513	0.370393	-2.69984	0.799783	0.852824	-1.17257	0.0260737	0.19127	-5.2282	0.01842	0.166759	-5.99669	0.0100009	0.130396	-7.66895	3.17469	19.7298	5.52421	1
cg19687152	TECPR2	0.0592001	0.305132	1.46288	1.46288	0.0562379	0.460926	-2.16954	0.0487271	0.446458	-2.23985	0.580979	0.818967	-1.22105	0.152002	0.577091	-1.73283	0.86202	0.939583	-1.0643	0.0104188	3.17543	3.17543	0.375466	0.721914	-1.38521	0.809796	0.917245	-1.09022	3.17468	6.45245	1.80664	1
cg26929239	PPEF1;PPEF1;PPEF1;PPEF1;PPEF1;PPEF1	0.0592016	0.193546	2.42212	2.42212	0.759562	1.21822	1.21822	0.445165	0.606242	-1.64951	0.00724296	0.107747	-9.28099	0.63528	0.735474	-1.35967	0.17697	2.51636	2.51636	0.236592	2.2198	2.2198	0.926969	1.06072	1.06072	0.03377	0.203103	-4.92361	3.17465	20.7896	5.821	1
cg14086791	ORAOV1	0.0592031	0.824345	1.02736	1.02736	0.418157	1.10567	1.10567	0.685753	1.05063	1.05063	0.912207	1.01348	1.01348	0.0442117	1.324	1.324	0.0366714	0.744705	-1.34281	0.0174231	0.703645	-1.42117	0.0971199	0.801654	-1.24742	0.42972	1.10282	1.10282	3.17462	0.741253	0.20755	1
cg19639792	RGN;RGN	0.0592033	0.188984	1.8837	1.8837	0.254871	0.582197	-1.71763	0.377362	0.662209	-1.5101	0.0361705	0.330032	-3.03001	0.0224779	0.28825	-3.46921	0.221301	1.79502	1.79502	0.105288	2.23739	2.23739	0.522331	1.3432	1.3432	0.173265	0.517178	-1.93357	3.17461	10.4106	2.91495	1
cg07897248	DCC	0.0592033	0.0469542	2.01839	2.01839	0.00375208	3.34793	3.34793	?	?	?	0.612995	0.854262	-1.1706	0.597339	1.17895	1.17895	0.0715643	1.86151	1.86151	0.861123	1.05557	1.05557	0.120723	1.68156	1.68156	0.85324	1.05886	1.05886	3.2189	4.32196	1.34268	1
cg08901157	PRTG	0.0592059	0.0783895	0.506584	-1.974	0.117544	0.553632	-1.80626	0.903638	0.958748	-1.04303	0.696953	0.872736	-1.14582	0.0842343	0.514577	-1.94334	0.264285	0.667169	-1.49887	0.00365115	0.254736	-3.92564	0.0178126	0.367155	-2.72365	0.655199	0.855275	-1.16921	3.17456	6.08258	1.70315	1
cg22455250	LLGL2;LLGL2;LLGL2	0.0592062	0.0412415	0.0964766	-10.3652	0.121263	0.188535	-5.30405	0.238606	0.293523	-3.40688	0.15048	0.216414	-4.62078	0.00775255	0.033503	-29.8481	0.0293862	0.0782341	-12.7821	0.0327785	0.0837133	-11.9455	0.164194	0.228979	-4.36721	0.0421915	0.0978417	-10.2206	3.17455	49.5884	13.885	1
cg27008565	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.0592073	0.17254	0.385199	-2.59606	0.0095939	0.115922	-8.62649	0.0525747	0.234995	-4.25542	0.831163	1.15062	1.15062	0.86135	0.891478	-1.12173	0.322166	1.95822	1.95822	0.0219912	0.16441	-6.08236	0.0837646	0.284359	-3.51668	0.842598	1.13956	1.13956	3.17453	21.7094	6.07877	1
cg19302347	AGAP1;AGAP1	0.0592078	0.577613	0.89314	-1.11965	0.0171449	0.557898	-1.79244	0.217451	0.770541	-1.29779	0.337416	1.21979	1.21979	0.809552	1.0497	1.0497	0.151138	1.36211	1.36211	0.0110606	1.89674	1.89674	0.675942	0.919016	-1.08812	0.854205	1.03764	1.03764	3.17452	2.029	0.568136	1
cg09668400	SHISA2	0.0592084	0.104929	0.769893	-1.29888	0.993367	1.00123	1.00123	0.0471053	1.39838	1.39838	0.0297662	1.45858	1.45858	0.502508	1.10565	1.10565	0.204889	1.21825	1.21825	0.213601	0.824256	-1.21322	0.0913902	1.31569	1.31569	0.0432291	1.40943	1.40943	3.17451	1.09503	0.306617	1
cg26354128	KIAA1409	0.0592117	0.241067	1.64091	1.64091	0.78451	0.895286	-1.11696	0.0096224	3.75302	3.75302	0.0230414	2.99485	2.99485	0.0480308	2.48936	2.48936	0.0602676	2.3517	2.3517	0.0727917	2.24273	2.24273	0.560793	1.26788	1.26788	0.0501831	2.46217	2.46217	3.17444	8.18753	2.29263	1
cg23874606	PTPRS;PTPRS;PTPRS;PTPRS	0.0592122	0.100155	1.29407	1.29407	0.983258	0.997002	-1.00301	0.761386	1.04455	1.04455	0.401895	1.13063	1.13063	0.0118252	0.637745	-1.56802	0.118935	0.784903	-1.27404	0.583426	0.923804	-1.08248	0.0399322	1.40472	1.40472	0.24731	1.189	1.189	3.17443	1.02965	0.288318	1
cg23509869	LST1;LST1;LST1;LST1;LST1	0.0592157	0.239104	0.767534	-1.30287	0.00382792	2.30867	2.30867	0.392832	0.828737	-1.20666	0.501	1.15786	1.15786	0.480476	0.857349	-1.16639	0.954387	0.9878	-1.01235	0.0530902	1.60264	1.60264	0.789332	1.05915	1.05915	0.274725	0.783583	-1.27619	3.17435	2.31532	0.64834	1
cg16875863	GRIN2D;GRWD1	0.0592166	0.0867091	3.07287	3.07287	0.126922	2.66317	2.66317	0.12604	2.67023	2.67023	0.18573	2.29914	2.29914	0.0316531	4.45839	4.45839	0.102608	2.88561	2.88561	0.00313985	10.9758	10.9758	0.0688336	3.34752	3.34752	0.521517	1.47035	1.47035	3.17433	17.6986	4.95603	1
cg03664217	IRGQ	0.0592176	0.268604	1.2804	1.2804	0.392773	0.82878	-1.20659	0.134878	0.707676	-1.41308	0.419134	1.19373	1.19373	0.681648	0.915322	-1.09251	0.255895	1.28971	1.28971	0.0289933	1.73704	1.73704	0.0333882	0.58667	-1.70454	0.0583771	0.632033	-1.5822	3.17431	2.31341	0.647815	1
cg10406753	EPS15L1	0.0592192	0.567129	1.09392	1.09392	0.99567	0.999158	-1.00084	0.0701008	1.36923	1.36923	0.737176	1.05366	1.05366	0.588598	1.08844	1.08844	0.156116	1.26549	1.26549	0.00445857	0.555076	-1.80155	0.361544	0.864546	-1.15668	0.203504	0.811969	-1.23157	3.17428	1.21073	0.339038	1
cg20468586	KRT6B	0.0592202	0.0534363	0.650096	-1.53823	0.355093	0.82966	-1.20531	0.0330838	0.613162	-1.63089	0.39425	0.842576	-1.18684	0.00450148	0.475544	-2.10286	0.462282	1.15822	1.15822	0.342797	1.21149	1.21149	0.336943	0.823382	-1.2145	0.515483	0.878585	-1.13819	3.17426	1.93716	0.542463	1
cg22400303	SOBP	0.0592204	0.353541	0.753796	-1.32662	0.526141	1.20948	1.20948	0.673411	0.882042	-1.13373	0.469245	1.2436	1.2436	0.0694883	0.548158	-1.82429	0.301768	0.728497	-1.37269	0.00243604	0.286742	-3.48746	0.611258	0.859184	-1.16389	0.0672916	0.54492	-1.83513	3.17425	4.40738	1.2342	1
cg01906430	RAB14	0.0592223	0.028638	1.57087	1.57087	0.322277	0.836225	-1.19585	0.18581	0.782391	-1.27813	0.637401	0.920305	-1.0866	0.303796	1.20479	1.20479	0.870991	0.971969	-1.02884	0.292992	0.826272	-1.21026	0.0374831	1.52544	1.52544	0.0240286	1.60138	1.60138	3.17421	1.53833	0.430785	1
cg14731698	GRIK4	0.0592246	0.539576	1.14727	1.14727	0.00273839	2.49593	2.49593	0.0498459	1.64022	1.64022	0.597576	1.12506	1.12506	0.0685231	1.56999	1.56999	0.906131	1.02644	1.02644	0.0370516	1.70846	1.70846	0.673014	1.09844	1.09844	0.931646	1.01916	1.01916	3.17417	2.45985	0.688853	1
cg13911392	RAVER1;ICAM3	0.0592282	0.0456544	1.60537	1.60537	0.902003	1.02577	1.02577	0.319245	1.23692	1.23692	0.0549256	1.56774	1.56774	0.77768	1.06021	1.06021	0.0370223	0.606378	-1.64914	0.578572	1.12289	1.12289	0.625425	0.903365	-1.10697	0.0148988	1.85628	1.85628	3.17409	2.14504	0.600709	1
cg13615058	ASCC3;ASCC3;ASCC3;ASCC3	0.0592283	0.228971	0.824557	-1.21277	0.484177	1.11476	1.11476	0.195944	1.2324	1.2324	0.0805928	0.743706	-1.34462	0.0770347	1.35043	1.35043	0.413306	0.880032	-1.13632	0.0294845	0.675892	-1.47953	0.0861415	0.74846	-1.33608	0.165644	1.25349	1.25349	3.17409	1.17372	0.328694	1
cg13028789	ANKS1A;TAF11	0.0592285	0.623839	0.87707	-1.14016	0.168185	1.47657	1.47657	0.26036	1.36553	1.36553	0.293681	1.33516	1.33516	0.252264	0.728066	-1.3735	0.237049	1.38921	1.38921	0.00810918	0.406744	-2.45855	0.0733198	1.69882	1.69882	0.283111	1.34441	1.34441	3.17409	3.54012	0.991394	1
cg19134770	SMARCC1	0.0592315	0.605909	0.923368	-1.08299	0.294542	0.846583	-1.18122	0.0300131	0.676358	-1.47851	0.619621	1.07967	1.07967	0.320638	0.854531	-1.17023	0.415934	0.880403	-1.13584	0.00558199	1.74646	1.74646	0.243437	0.829463	-1.2056	0.959941	0.992335	-1.00772	3.17402	1.17976	0.330393	1
cg10584042	SGMS1	0.0592324	0.704926	0.932226	-1.0727	0.19044	1.29146	1.29146	0.481243	1.14118	1.14118	0.774193	1.0545	1.0545	0.0204234	1.67436	1.67436	0.0139448	1.75106	1.75106	0.0541608	1.49652	1.49652	0.0475333	1.51906	1.51906	0.0265058	1.62449	1.62449	3.174	1.7106	0.479057	1
cg02717166	CCDC43;CCDC43	0.0592334	0.180411	0.807508	-1.23838	0.159811	1.25329	1.25329	0.267006	1.18984	1.18984	0.69948	1.06004	1.06004	0.377865	1.14569	1.14569	0.00380385	0.556168	-1.79802	0.99365	0.998804	-1.0012	0.167499	1.24751	1.24751	0.671697	1.06618	1.06618	3.17398	1.13575	0.318073	1
cg19860752	LOC647946	0.0592344	0.909349	0.943696	-1.05966	0.0041945	0.142081	-7.03825	0.0226183	0.249353	-4.01037	0.871239	0.920781	-1.08603	0.0453612	0.311008	-3.21536	0.659482	0.79803	-1.25309	0.300377	0.579255	-1.72636	0.447008	1.4834	1.4834	0.899415	1.06646	1.06646	3.17396	13.0129	3.64434	1
cg08917478	ISL1	0.0592355	0.801703	0.869499	-1.15009	0.0859673	2.87025	2.87025	0.410582	1.59616	1.59616	0.0221983	4.58815	4.58815	?	?	?	0.720299	0.818896	-1.22116	0.374434	0.602534	-1.65966	0.00668374	7.06524	7.06524	0.519083	1.43795	1.43795	3.2182	13.9903	4.34723	1
cg04774930	CHP2	0.0592385	0.0895282	0.204069	-4.9003	0.0483248	0.147265	-6.79046	0.211805	0.327358	-3.05476	0.231521	0.344582	-2.90207	0.0298817	0.114246	-8.75301	0.100621	0.217216	-4.60371	0.00669105	0.0504623	-19.8168	0.0337413	0.121836	-8.20778	0.0658065	0.17332	-5.76969	3.17388	36.2321	10.1473	1
cg24770596	PSD	0.0592385	0.0261629	43.1209	43.1209	0.274926	5.05583	5.05583	0.0727188	17.3967	17.3967	0.0507933	23.9193	23.9193	0.624879	2.01984	2.01984	0.0667712	18.7679	18.7679	0.0179998	60.3567	60.3567	0.0328218	35.2304	35.2304	0.0242815	46.0983	46.0983	3.17388	102.308	28.6529	1
cg14872260	PDGFRA	0.059239	0.0379595	0.37235	-2.68564	0.925275	1.03927	1.03927	0.245419	0.607248	-1.64677	0.55442	0.782307	-1.27827	0.110286	0.489407	-2.04329	0.110838	2.04063	2.04063	0.00557148	0.22427	-4.45892	0.213128	0.583733	-1.71311	0.273518	0.626342	-1.59657	3.17386	8.47353	2.37314	1
cg06893172	HORMAD1	0.0592392	0.611588	0.924971	-1.08112	0.327283	0.857261	-1.16651	0.233623	0.826809	-1.20947	0.913983	0.983679	-1.01659	0.0401657	0.696902	-1.43492	0.00887694	0.602187	-1.66061	0.0296775	1.47671	1.47671	0.855499	1.02815	1.02815	0.684473	0.939674	-1.0642	3.17386	1.16593	0.326536	1
cg27110886	CRTAC1	0.0592411	0.02576	0.497815	-2.00878	0.0183645	0.470622	-2.12485	0.348252	0.775401	-1.28966	0.897718	0.966692	-1.03446	0.647566	0.885823	-1.12889	0.264056	0.735908	-1.35887	0.0299142	0.51023	-1.9599	0.00769585	0.405741	-2.46463	0.556306	0.854925	-1.16969	3.17382	3.48763	0.976776	1
cg02026049	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0592429	0.114046	4.96686	4.96686	0.00609916	28.1536	28.1536	0.042308	8.85111	8.85111	0.2705	2.91444	2.91444	0.148196	0.235479	-4.24666	0.469506	0.503556	-1.98588	0.806875	1.25652	1.25652	0.12711	4.65661	4.65661	0.565832	1.71801	1.71801	3.17378	43.6935	12.2373	1
cg02009648	MRPL14	0.0592442	0.122851	0.432829	-2.31038	0.00714575	0.175497	-5.69811	0.0640909	0.352634	-2.8358	0.546718	0.736739	-1.35733	0.0877342	0.389033	-2.57047	0.768842	0.862754	-1.15908	0.111877	0.420101	-2.38038	0.108543	2.40337	2.40337	0.163427	0.474697	-2.10661	3.17376	12.613	3.53258	1
cg03490073	TBL1XR1	0.0592446	0.810936	0.910149	-1.09872	0.471055	1.33381	1.33381	0.173385	1.76664	1.76664	0.432931	1.36941	1.36941	0.00232914	0.188222	-5.31286	0.926258	1.03704	1.03704	0.438526	0.733142	-1.36399	0.8441	0.925569	-1.08042	0.11054	0.50503	-1.98008	3.17375	7.7574	2.17266	1
cg17577923	ARL4A;ARL4A;ARL4A;ARL4A	0.0592448	?	?	?	?	?	?	0.0460698	5.21153	5.21153	0.0496021	0.198345	-5.04173	?	?	?	0.21391	2.57309	2.57309	0.303681	0.4633	-2.15843	0.214782	2.56799	2.56799	0.117464	3.4143	3.4143	3.34386	18.4148	7.34273	1
cg15781156	TTTY16	0.0592455	0.190674	0.503437	-1.98635	0.0330019	3.43789	3.43789	0.0299096	3.54398	3.54398	?	?	?	0.253595	0.554051	-1.80489	0.322533	0.602836	-1.65883	0.155868	0.471439	-2.12117	0.167003	0.482082	-2.07434	0.50858	0.717391	-1.39394	3.21799	11.1124	3.45321	1
cg05911136	PLEKHG4B	0.0592463	0.0419197	0.11053	-9.04732	0.0300985	0.0910637	-10.9813	0.0303275	0.0914693	-10.9326	0.267236	0.337639	-2.96174	0.022328	0.0763812	-13.0922	0.0674037	0.14584	-6.85681	0.0260865	0.0837231	-11.9441	0.0689602	0.147802	-6.76581	0.082066	0.163684	-6.10932	3.17371	44.3581	12.4237	1
cg02656801	ADAP1	0.0592468	0.0427215	0.619172	-1.61506	0.100492	0.690916	-1.44735	0.472182	0.860472	-1.16215	0.132331	1.3962	1.3962	0.298323	0.801286	-1.24799	0.106941	1.43571	1.43571	0.0168021	0.549029	-1.8214	0.838355	0.958894	-1.04287	0.150038	0.72826	-1.37314	3.1737	2.1226	0.594497	1
cg24898562	WIZ	0.0592475	0.869044	1.04277	1.04277	0.103031	0.635944	-1.57246	0.0543445	1.74041	1.74041	0.199895	0.709147	-1.41014	0.0547009	0.575168	-1.73862	0.514226	1.18279	1.18279	0.0146713	0.466495	-2.14365	0.861307	0.956588	-1.04538	0.112284	0.644799	-1.55087	3.17369	3.23768	0.906812	1
cg15962314	ARTN;ARTN;ARTN;ARTN	0.0592486	0.215317	1.88212	1.88212	0.00600609	5.70233	5.70233	0.0821539	2.54424	2.54424	0.197557	1.93566	1.93566	0.537793	0.738959	-1.35325	0.585686	1.3059	1.3059	0.0177771	4.04483	4.04483	0.0731774	2.63503	2.63503	0.107719	2.34231	2.34231	3.17366	11.8178	3.30997	1
cg00362263	PDCL3	0.0592489	0.269781	1.1001	1.1001	0.145301	1.13864	1.13864	0.30711	0.915966	-1.09174	0.311225	0.916695	-1.09088	0.179618	1.12562	1.12562	0.00650829	0.745585	-1.34123	0.288823	0.91264	-1.09572	0.100599	0.861294	-1.16104	0.409014	0.932296	-1.07262	3.17366	0.346442	0.0970327	1
cg12955084	TMEM91;TMEM91;TMEM91;TMEM91;TMEM91;TMEM91	0.0592494	0.00487112	0.261032	-3.83094	0.750872	1.12145	1.12145	0.126322	0.551478	-1.81331	0.115235	0.539971	-1.85195	0.424732	0.745764	-1.34091	0.910357	0.960282	-1.04136	0.323653	1.44313	1.44313	0.899415	1.04656	1.04656	0.0221279	0.372595	-2.68388	3.17365	6.50858	1.82295	1
cg19954341	T	0.0592498	0.0358346	5.61376	5.61376	0.0378781	5.4786	5.4786	0.188437	2.67648	2.67648	0.184795	2.70108	2.70108	0.117212	3.3274	3.3274	0.937262	0.945904	-1.05719	0.00762726	11.2855	11.2855	0.0296852	6.09901	6.09901	0.0854244	3.83165	3.83165	3.17364	25.0865	7.02635	1
cg07775501	JOSD2	0.0592499	0.0824548	1.28463	1.28463	0.596924	1.07196	1.07196	0.495583	1.09428	1.09428	0.404529	1.11746	1.11746	0.665888	1.0582	1.0582	0.0108149	0.659143	-1.51712	0.651228	1.06105	1.06105	0.247404	0.854301	-1.17055	0.0228062	1.42584	1.42584	3.17364	0.852187	0.238685	1
cg09511477	PILRB;PILRB;PILRB	0.0592502	0.0323389	0.183604	-5.44651	0.0198511	6.69948	6.69948	0.308719	2.03923	2.03923	0.398352	1.79475	1.79475	0.410541	0.565975	-1.76686	0.117111	0.316207	-3.16248	0.0664957	0.248604	-4.02246	0.923175	1.06742	1.06742	0.378163	0.542489	-1.84336	3.17363	22.9948	6.44053	1
cg12762600	KIF7	0.0592523	0.614951	0.846413	-1.18146	0.709549	1.13089	1.13089	0.15129	0.603183	-1.65787	0.850237	0.939747	-1.06412	0.00770458	0.324455	-3.08209	0.0612513	2.00041	2.00041	0.621944	1.17751	1.17751	0.151752	1.65679	1.65679	0.109817	0.563794	-1.7737	3.17359	5.43264	1.52163	1
cg23197236	LIN7C	0.0592534	0.541456	0.83708	-1.19463	0.486283	1.22572	1.22572	0.959191	0.985387	-1.01483	0.030342	2.08006	2.08006	0.599668	0.858667	-1.1646	0.114242	1.6393	1.6393	0.21788	1.45197	1.45197	0.003001	3.22476	3.22476	0.95617	1.01594	1.01594	3.17356	4.16023	1.16525	1
cg14474669	STK35	0.0592534	0.884039	1.03007	1.03007	0.463463	0.859419	-1.16358	0.724879	1.07437	1.07437	0.511233	0.873482	-1.14484	0.0016642	0.401246	-2.49224	0.461692	1.1643	1.1643	0.0842931	0.678611	-1.4736	0.520151	1.1415	1.1415	0.914573	1.02202	1.02202	3.17356	2.0715	0.580209	1
cg20598295	PARD3	0.0592542	0.15738	0.760181	-1.31548	0.00726465	1.87381	1.87381	0.0857564	0.708663	-1.41111	0.207731	0.785919	-1.2724	0.298808	1.21567	1.21567	0.522644	1.12468	1.12468	0.197547	1.28019	1.28019	0.373739	1.18008	1.18008	0.331797	1.19911	1.19911	3.17355	1.65295	0.46298	1
cg07179688	STIM1	0.0592567	0.440087	0.860237	-1.16247	0.874876	1.03059	1.03059	0.150689	0.744902	-1.34246	0.277362	0.805733	-1.24111	0.0113082	0.545244	-1.83404	0.98201	0.995698	-1.00432	0.0132804	1.79799	1.79799	0.837087	0.961398	-1.04015	0.217285	0.780209	-1.28171	3.1735	1.83746	0.514668	1
cg06504162	GALNTL4	0.0592584	0.583935	0.826348	-1.21014	0.0820826	0.514586	-1.94331	0.0136141	0.348989	-2.86542	0.13796	0.576433	-1.73481	0.0900877	0.525047	-1.90459	0.935486	1.02831	1.02831	0.90829	0.961036	-1.04054	0.0100491	0.326109	-3.06645	0.0313735	0.418622	-2.38879	3.17346	5.97829	1.67452	1
cg05525649	PBX2	0.0592591	0.520215	1.14783	1.14783	0.134621	1.40664	1.40664	0.852526	1.04015	1.04015	0.0218835	1.78926	1.78926	0.807048	1.05312	1.05312	0.517259	1.14898	1.14898	0.015574	0.533969	-1.87277	0.742042	1.07236	1.07236	0.0345279	1.68444	1.68444	3.17344	2.2487	0.629866	1
cg12616125	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.0592605	0.502478	0.913019	-1.09527	0.0320654	1.39901	1.39901	0.108139	1.26411	1.26411	0.701565	1.05283	1.05283	0.155573	1.22528	1.22528	0.928092	0.988004	-1.01214	0.00842417	0.637705	-1.56812	0.478697	0.908196	-1.10108	0.687023	1.05565	1.05565	3.17342	0.898505	0.251676	1
cg17173639	PARK2;PARK2;PARK2	0.0592623	0.932249	1.02321	1.02321	0.00250867	0.322103	-3.10459	0.179098	0.680331	-1.46987	0.135263	0.647578	-1.54421	0.248053	0.72188	-1.38527	0.117282	0.631823	-1.58272	0.185097	1.46125	1.46125	0.972017	0.990578	-1.00951	0.63717	0.879661	-1.1368	3.17338	3.66061	1.02537	1
cg04107037	ATOH1	0.0592628	0.96318	1.00889	1.00889	0.00117538	2.49068	2.49068	0.10772	1.39995	1.39995	0.513885	1.13529	1.13529	0.862605	1.03376	1.03376	0.37699	1.18976	1.18976	0.799692	1.04994	1.04994	0.302312	1.22729	1.22729	0.106576	1.40176	1.40176	3.17337	1.8463	0.517165	1
cg06564232	TFAP2B	0.0592652	0.043255	9.68436	9.68436	0.795844	1.28814	1.28814	0.0134768	19.8287	19.8287	0.0759297	6.88132	6.88132	0.220447	3.51861	3.51861	0.138128	4.75455	4.75455	0.0515895	8.70299	8.70299	0.00798957	27.6593	27.6593	0.43728	2.16803	2.16803	3.17332	47.9284	13.4254	1
cg07075840	PRR15	0.0592665	0.0519478	25.2098	25.2098	0.187488	7.68021	7.68021	0.148543	9.59698	9.59698	0.117156	11.9879	11.9879	0.053021	24.7469	24.7469	0.137756	10.3041	10.3041	0.0115202	100.673	100.673	0.0113197	102.36	102.36	0.0464571	27.8953	27.8953	3.17329	107.042	29.9842	1
cg10500570	MIR599;VPS13B;VPS13B;MIR875	0.0592689	0.474649	0.863214	-1.15846	0.00498217	0.471424	-2.12123	0.64221	0.909683	-1.09928	0.016365	0.552278	-1.81068	0.0395981	0.617867	-1.61847	0.578735	0.892732	-1.12016	0.806069	0.951456	-1.05102	0.391823	1.19422	1.19422	0.293567	0.802182	-1.2466	3.17324	2.05699	0.576204	1
cg07913137	DIAPH3;DIAPH3	0.0592703	0.503866	0.898328	-1.11318	0.0150661	0.623617	-1.60355	0.526834	0.903609	-1.10667	0.229836	0.819424	-1.22037	0.440042	0.882963	-1.13255	0.220982	1.22554	1.22554	0.0153268	1.60077	1.60077	0.315471	1.17829	1.17829	0.463821	1.12509	1.12509	3.17321	1.25572	0.351755	1
cg19580826	ZNF81	0.059271	0.0426729	0.180208	-5.54914	0.041004	0.176958	-5.65106	0.0984108	0.264206	-3.78492	0.066554	4.53057	4.53057	0.214196	0.382746	-2.6127	0.058568	0.208203	-4.803	0.602137	1.47148	1.47148	0.689641	1.34285	1.34285	0.352972	2.01755	2.01755	3.1732	27.1039	7.59245	1
cg19671026	SELV	0.0592712	0.363691	0.907169	-1.10233	0.0362709	0.775629	-1.28928	0.070495	1.23488	1.23488	0.346753	0.903824	-1.10641	0.0126671	0.723678	-1.38183	0.222941	0.87489	-1.143	0.297347	0.893367	-1.11936	0.242151	0.880063	-1.13628	0.0406362	0.78137	-1.2798	3.17319	0.547415	0.153344	1
cg20294181	RPN1	0.0592728	0.212522	0.829751	-1.20518	0.0961274	1.29656	1.29656	0.626388	0.932644	-1.07222	0.964701	1.00631	1.00631	0.369545	0.877232	-1.13995	0.31733	0.863362	-1.15826	0.0436525	0.719166	-1.3905	0.0204967	1.48709	1.48709	0.0803182	1.31751	1.31751	3.17316	1.01528	0.284409	1
cg02348462	PTBP1;PTBP1;PTBP1;PTBP1	0.0592733	0.915308	1.03954	1.03954	0.0017512	5.08223	5.08223	0.0374007	2.41188	2.41188	0.245526	1.55694	1.55694	0.4538	0.757193	-1.32067	0.732422	1.13326	1.13326	0.678116	1.16431	1.16431	0.339546	1.4316	1.4316	0.744521	1.12658	1.12658	3.17315	6.67676	1.87035	1
cg01382095	DCUN1D2	0.0592736	0.906607	0.972665	-1.0281	0.00673195	0.436162	-2.29273	0.105274	0.658395	-1.51885	0.88337	1.03527	1.03527	0.33742	1.26307	1.26307	0.632072	0.892329	-1.12066	0.0312455	1.81637	1.81637	0.367163	0.80351	-1.24454	0.297224	0.774758	-1.29073	3.17314	2.80255	0.785075	1
cg19103429	CDK6;CDK6	0.0592763	0.0239601	0.0934649	-10.6992	0.0369126	0.118526	-8.43696	0.174994	0.28102	-3.55846	0.0255903	0.0969243	-10.3173	0.0397409	0.123412	-8.10297	0.826621	0.824457	-1.21292	0.876143	0.871755	-1.14711	0.0968037	0.201093	-4.97282	0.0178909	0.0794666	-12.5839	3.17309	38.9122	10.9006	1
cg19635869	RRAGD	0.0592763	0.269609	0.881659	-1.13423	0.0256975	0.748048	-1.33681	0.672552	0.954494	-1.04768	0.867788	0.981912	-1.01842	0.291518	0.886999	-1.1274	0.00206008	0.62154	-1.60891	0.0943789	0.81754	-1.22318	0.639217	0.949585	-1.05309	0.925284	1.01033	1.01033	3.17308	0.603204	0.168978	1
cg00979939	TM6SF1;TM6SF1	0.0592767	0.0873976	0.297128	-3.36556	0.993425	1.00531	1.00531	0.522997	0.659475	-1.51636	0.486873	1.57509	1.57509	0.60001	1.40534	1.40534	0.72337	1.25678	1.25678	0.00233087	0.0649787	-15.3897	0.738343	0.806056	-1.24061	0.065394	0.26445	-3.78143	3.17308	20.7842	5.82238	1
cg06956500	KLHL20	0.0592767	0.301981	0.85832	-1.16507	0.96096	0.993031	-1.00702	0.025099	1.46325	1.46325	0.109969	0.779649	-1.28263	0.211003	0.828378	-1.20718	0.0110838	0.634407	-1.57628	0.568035	0.92086	-1.08594	0.265092	1.1805	1.1805	0.431724	0.891683	-1.12148	3.17308	1.02579	0.287359	1
cg00559179	NAMPT	0.0592769	0.707744	0.965583	-1.03564	0.430765	1.07766	1.07766	0.557311	0.946301	-1.05675	0.00725113	0.724588	-1.38009	0.794355	0.975999	-1.02459	0.858011	1.01679	1.01679	0.115169	0.852745	-1.17268	0.0194176	1.30059	1.30059	0.632249	1.04586	1.04586	3.17307	0.434633	0.121756	1
cg23057870	HEY1;HEY1	0.0592773	0.114703	0.583404	-1.71408	0.214055	1.50824	1.50824	0.194657	1.53874	1.53874	0.921887	1.03129	1.03129	0.209493	0.660007	-1.51514	0.974651	0.990068	-1.01003	0.00541341	0.316673	-3.15783	0.0835164	0.547858	-1.82529	0.227056	0.671405	-1.48941	3.17306	4.95897	1.38919	1
cg14404930	RASSF8;RASSF8;RASSF8	0.059278	0.364792	0.855426	-1.16901	0.126139	1.31982	1.31982	0.853505	1.03148	1.03148	0.106053	0.743787	-1.34447	0.924025	0.984132	-1.01612	0.280558	1.20693	1.20693	0.00535453	1.84979	1.84979	0.195452	0.794852	-1.2581	0.351456	0.851461	-1.17445	3.17305	1.41309	0.395859	1
cg11685316	MFSD6L;MFSD6L	0.0592781	0.0172873	13.5258	13.5258	0.0696802	6.18569	6.18569	0.395997	2.18315	2.18315	0.27005	2.80551	2.80551	0.0336867	9.28172	9.28172	0.318998	2.52202	2.52202	0.993302	1.00757	1.00757	0.00835333	20.6405	20.6405	0.041449	8.2664	8.2664	3.17305	40.545	11.3582	1
cg06650115	NDRG4;NDRG4;NDRG4	0.059279	0.00570126	2.98864	2.98864	0.0199645	2.2706	2.2706	0.491809	1.21034	1.21034	0.840676	0.94672	-1.05628	0.586192	0.860732	-1.1618	?	?	?	0.551006	1.17905	1.17905	0.678971	0.892809	-1.12006	0.0996586	1.66108	1.66108	3.83695	3.80298	0.74336	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
ap12662744	RBM20	0.0593279	0.0388948	2.57791	0.0128443	1.66158	-5.91164	0.0132352	0.174888	-5.77795	0.17589	0.441654	-2.26422	0.078414	0.329502	3.03488	0.14159	0.407569	-2.43357	0.0313873	0.24372	3.00109	0.8846	0.928876	-1.95402	1.17303	16.2049	4.53962	1
ap12254291	C6orf176;C6orf176;LOC441177	0.0592811	0.0811025	0.542181	-1.8444	0.627788	0.87419	-1.14392	0.15569	0.618271	-1.61741	0.671136	0.8735552	-1.14475	0.0020572	25.3202	0.9.25	0.0264295	0.434689	-2.30049	0.431724	0.775692	-1.28917	0.2383163	0.6764337	-1.47833	0.7620317	0.908345	-1.1009	1.17299	5.035501	1.41052	1
ap15487266	TMEM127	0.0592812	0.0362319	0.327453	-3.05388	0.0143195	0.250835	-3.98668	0.0912153	0.4262255	-2.34602	0.251881	0.577667	-1.7311	0.0475442	0.353805	-2.82642	0.0239264	0.290756	-3.43931	0.299709	0.6101961	-1.63677	0.421119	1.45758	1.45758	0.0894361	0.4237931	-2.35964	1.17298	10.5622	2.95892	1
ap23638658	RNF181	0.0592823	0.4489773	1.29277	0.292777	0.470745	0.7833392	-1.2765	0.897717	0.9585101	-1.04373	0.4930117	1.260075	1.260075	0.00403585	0.275765	-3.61567	0.0219468	0.400585	-2.49635	?	?	0.865052	0.945202	-1.05797	0.62582	0.8491227	1.177969	2.2172	5.016843	1.55938	1
ap21610927	TRIO	0.0592828	0.968226	0.986943	-1.01323	0.0428	0.463304	-2.15841	0.0543541	0.480538	-2.05534	0.310142	0.4132	0.4132	0.0183978	0.389147	-2.56972	0.0606285	0.20974	2.00974	0.322852	0.731937	-1.40068	0.250244	0.6726097	-1.48655	0.97108	1.02103	1.0025	1.17295	5.471665	1.53286	1
ap20703240	AGXT2L2;AGXT2L2	0.0592846	0.0485561	9.40718	9.40718	0.70576	0.6979331	-1.41281	0.0178879	0.6934408	-1.44208	0.0571642	0.437097	8.437709	0.227803	4.38584	3.38584	0.175829	0.861849	-1.1603	0.0441294	0.7875515	-1.26982	0.727175	0.9644668	-1.03684	0.222962	1.14142	1.14142	1.17289	0.53614	0.1502	1
ap17453601	PANX1	0.0592858	0.716101	0.834536	-1.19827	0.714121	1.199807	1.199807	0.2003163	0.51177	-1.954	0.452567	1.466379	1.466379	0.0074554	0.181197	-5.51886	0.46541	0.692179	-1.44471	0.147492	2.1591	2.1591	0.0293596	0.564414	0.817459	0.8918111	-1.12131	1.17289	12.3249	3.45284	1
ap05510976	TUBB	0.0592889	0.0903148	1.14265	1.14265	0.583516	0.959099	-1.04264	0.157093	1.07657	0.534908	1.064352	1.049592	0.292586	1.20141	1.20141	1.20141	0.143176	1.11897	1.11897	0.0271789	0.829616	-1.20538	0.230692	1.09399	1.09399	0.0525002	1.1706	1.1706	1.17282	0.256491	0.0718577	1
ap03560069	TMEM163	0.0592904	0.367064	1.35498	1.35498	0.218974	0.654518	-1.52784	0.678808	1.14628	1.14628	0.629062	1.17302	1.17302	0.00328502	0.268025	3.7185	0.704668	0.882634	-1.13297	0.103993	1.79104	1.79104	0.88991	0.95561	-1.04645	0.1958133	1.56592	1.56592	1.17279	5.40125	1.51321	1
ap03719976	KDM6B;TMEM88	0.0592913	0.0163611	2.71624	2.71624	0.368201	0.625251	-1.60625	0.29886	1.44309	1.44309	0.0752388	1.563	1.563	0.4153288	1.329966	1.3399	0.0899643	1.88965	1.88965	0.0695045	1.28628	2.17439	0.0281284	0.7439	2.417389	0.0907879	1.885881	1.88588	1.17277	5.825448	1.63208	1
ap25932761	CUX2	0.0592935	0.626448	0.832468	-1.20125	0.1887722	0.594191	-1.68296	0.132951	0.545529	-1.83308	0.926019	0.965878	-1.03533	0.0441358	0.421281	-2.37371	0.681169	0.856901	-1.167	0.0201044	0.5538502	-2.85251	0.00435117	0.240695	-4.15463	0.0826491	0.487477	-2.05138	1.17272	7.02164	1.96722	1
ap12787553	CTSZ	0.0592943	0.2653318	0.654848	-1.52707	0.0185321	2.83124	2.83124	0.633981	0.8421495	-1.18744	0.179684	0.589854	-1.69534	0.327949	0.69188	-1.44534	0.5916277	1.12958	1.12958	0.482271	1.07622	1.07622	0.554272	0.940329	-1.06346	0.7804111	0.9716665	-1.02916	1.17269	0.5315548	0.148923	1
ap08379726	SAMM50	0.0592956	0.201472	0.782947	-1.26703	0.6503887	1.4382	1.4382	0.297486	1.208651	1.208651	0.107885	0.7334456	-1.36341	0.422188	0.8660318	-1.15471	0.0447433	0.667747	-1.49818	0.706505	1.28374	1.28374	0.0404717	0.51465	-1.94337	0.0296568	0.6108285	-1.63768	1.17268	5.14684	0.433376	1
ap07116732	FBXL1	0.0592963	0.151111	0.495119	-2.01972	0.150894	0.502005	-1.98963	0.0182661	0.271628	0.182154	-3.68218	0.357899	0.602507	1.54014	1.80796	0.545179	0.2295459	1.02185	1.02185	0.322388	0.3245465	2.994107	0.400113	0.0079685	2.831559	0.4791228	0.7122574	1.17267	1.1708	0.4908	0.59302	1
ap11497957	ZNF572	0.0592969	0.913366	1.03439	1.03439	0.779613	0.916509	-1.0911	0.992571	0.997112	-1.0029	0.0663434	1.91814	1.91814	0.529311	1.21942	1.21942	0.890006	0.957919	-1.04393	0.00217912	0.2435558	-4.10579	0.717816	1.11943	1.11943	0.877382	0.953161	-1.04914	3.42609	5.12671	1.16385	1
ap17809181	PTPN2-PTPN2;PTPN2	0.0592983	0.169408	0.797251	-1.25434	0.0450586	1.45755	1.45755	0.102961	0.758755	-1.31802	0.0994539	0.719417	-1.39002	0.201168	0.8114431	-1.23239	0.05785518	1.19367	1.19367	0.599564	0.922168	-1.08546	0.406073	0.876721	-1.14061	0.102806	0.753767	-1.32089	1.17262	1.2039	0.337301	1
ap05867387	C4orf27;C4orf27	0.0593011	0.303405	0.65765	-1.52059	0.579136	0.92353	-1.24642	0.153795	0.723466	1.351	0.0037675	0.25	0.25	0.0134826	0.0250568	-39.8441	0.05946	0.433308	-2.30783	0.541688	1.27492	1.27492	0.60683	1.2264	1.2264	0.468337	1.33655	1.33655	1.17257	7.76674	2.17608	1
ap07157248	HDC	0.0593022	0.103741	0.542137	-1.84455	0.2225547	0.643323	-1.55443	0.971207	0.987656	-1.0125	0.527822	1.24622	1.24622	0.0818269	0.515	-1.94175	0.140808	0.579762	-1.72485	0.136941	0.576192	-1.73553	0.00914531	3.12446	3.12446	0.804586	1.08905	1.08905	1.17254	5.95002	1.66709	1
ap08340885	MIR1256	0.0593027	0.257483	1.97861	1.97861	0.3988	0.660603	-1.51777	0.453744	0.653893	-1.53045	0.0370636	0.257307	3.884615	0.0910681	0.109431	-9.14026	0.0311494	0.242125	-4.13009	0.0870536	0.2963482	-3.37413	0.0912485	0.1923647	-5.20034	0.0912485	0.1923647	-5.20034	1.17256	4.229301	1	
ap04554613	DHRS9;DHRS9;DHRS9;DHRS9	0.0593028	0.0472855	0.231045	-4.32817	0.0373674	0.210231	-4.75668	0.0851498	0.292673	-3.41678	0.0581638	0.251042	-3.98339	0.0178148	0.15575	-6.42053	0.149123	0.38388	-2.71459	0.0959798	0.1204434	-8.03209	0.168987	0.388295	-2.57536	0.155292	0.374694	-2.66884	1.17253	2.907	0.5862	1
ap27362927	PRDM15;PRDM15;PRDM15;PRDM15	0.0592941	0.382578	1.28934	1.28934	0.775599	0.4.7085	0.4.7085	0.1.22139	0.538982	0.4.7085	0.1.22139	0.538982	0.4.7085	0.1.22139	0.538982	0.4.7085	0.263935	0.442116	2.26316	0.0.7085	0.1.22139	0.538982	0.4.7085	0.1.22139	0.538982	0.4.7085	0.1.22139	0.538982	0.4.7085	1.17253	0.94315	0.2.2639	0.5.6858	1
ap24180162	HILS1;HILS1;SGCA;SGCA	0.0593073	0.236806	0.59051	-1.69339	0.163955	0.531957	-1.87985	0.142808	0.512047	-1.95295	0.0618021	0.409069	-2.44458	0.093336	0.456395	2.19108	0.041454	0.368143	-2.71634	0.00518859	0.2084931	-4.79633	0.961514	0.979702	-1.02072	0.6262553	0.132619	3.0657	1.17244	5.07382	2.54241	1
ap08873266	RMPB8	0.0593075	0.584088	1.2101	1.2101	0.0315584	0.96108	0.0645925	0.2045	2.0465	0.0526217	2.13845	0.2149	2.24726	0.517786	1.51786	0.723255	1.99189	1.99189	0.0405424	2.246121	2.26131	0.140818	1.72714	1.72714	0.183464	1.627118	1.627118	0.172443	5.97923	1.67533	1
ap27366766	HSF5	0.0593076	0.539636	1.2.3.3	1.2.3.3	0.4.4538	0.4.1128	0.1.63863	1.47975	0.4.1128	0.1.63863	1.47975	0.4.1128	0.1.63863	1.47975	0.4.1128	0.1.63863	0.2.3803	0.4.8446	0.2.8803	0.1.22139	0.538982	0.4.7085	0.2.8803	0.1.22139	0.538982	0.4.7085	0.2.8803	0.1.22139	0.538982	0.4.7085	1.17251	0.4.7958	0.2.8803	0.1.22139	0.538982	0.4.7085	1
ap26752779	ADD2;ADD2;ADD2;ADD2;ADD2	0.0593087	0.0893965	1.15659	1.15659	0.128278	1.13622	1.13622	0.441686	1.06283	1.06283	0.693304	1.03127	1.03127	0.214733	1.10677	1.10677	0.0946489	0.867023	-1.15337	0.0255278	1.22892	1.22892	0.31539	0.92253	-1.08398	0.0560523	0.845272	-1.18305	1.17241	0.3031414	0.0849383	1
ap06304190	TTC7B	0.0593102	0.0532083	1.57358	1.57358	0.36858	0.681419	-1.46753	0.121868	0.488396	-2.05068	0.0302669	0.347148	2.88062	0.0052697	0.21695	-4.60937	0.61518	0.810159	-1.23433	0.3334644	1.5134	1.5134	0.0854405	0.59058	1.00758	0.4784363	0.7413138	0.4911328	1.17238	8.60775	2.42868	1
ap04619710	ZC3H7B	0.0593104	0.526567	0.917881	-1.08947	0.196648	0.833347	-1.19998	0.06620267	0.620917	-1.61052	0.94205	1.00976	1.00976	0.21652	0.8384938	-1.19261	0.807887	0.13007	-1.03307	0.0303728	1.40478	1.40478	0.251936	0.852291	-1.17331	0.201463	0.83515	1.197339	1.17237	3.896024	0.251063	1
ap01606868	HDAC4 BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNA	0.0593114	0.300162	0.746829	-1.33899	0.070934	0.577779	-1.73077	0.00662527	0.383571	-2.60708	0.744811	0.915029	-1.09286	0.741736	0.914007	-1.09408	0.541349	0.845262	-1.18306	0.0390153	1.91474	1.91474	0.379141	1.27802	1.27802	0.593288	1.15786	1.15786	1.17235	3.71414	1.0407	1
ap23757221	T;BLCAP	0.0593118	0.851398	0.87424	-1.14385	0.0200533	0.746865	-1.46865	0.0148119	0.57411	0.574411	0.46784	0.2.37302	0.2.37302	0.057303	0.21469	-4.65788	0.296498	2.1722	2.1722	0.122824	3.31399	3.31399	0.351125	0.7961	-1.25632	0.907888	0.08649	1.08649	1.17234	25.8047	7.23046	1
ap04321154	TTC33B	0.0593198	0.7.7824	0.7.7824	0.4.8547	1.60614	0.1.3881	0.1.3881	0.1.63838	0.1.3884	0.1.3884	0.2.65671	0.1.8494	0.1.8494	0.1.76362	0.1.3174	0.1.8467	0.1.3174	0.1.3174	0.1.3174	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	0.1.4183	1
ap04089307	ACTN1;ACTN1;ACTN1	0.0593134	0.226209	0.912256	-1.09618	0.201998	1.10226	1.10226	0.310636	1.07876	1.07876	0.0597535	1.16594	1.16594	0.940212	1.00544	1.00544	0.65099	0.967624	-1.03346	0.267753	1.08701	1.08701	0.931484	0.9938805	-1.00623	0.00525642	0.766449	-1.30472	1.17231	0.2624402	0.0735256	1
ap06842071	EPHD1;EPHD1	0.0593139	0.0878666	5.18919	5.18919	0.134175	4.15344	4.15344	0.28271	2.65422	0.2616023	3.25198	3.25198	0.0644679	0.150003	6.65	0.0003	0.340405	2.36127	2.36127	0.0090934	17.2393	17.2393	0.0098237	17.3601	17.3601	0.0294857	0.94079	0.94079	1.1723	38.4227	10.7662	1
ap05395563	ZSWIM5;ZSWIM5	0.0593143	0.0646359	1.95661	1.95661	0.2.3.3	1.33388	1.33388	0.1.2098	0.1.03863	2.18975	2.19975	0.0405071	0.3625864	2.14923	0.694914	1.1.595	1.26335	0.4.4216	2.25.3.3	0.1.2098	0.1.03863	2.18975	2.19975	0.0405071	0.3625864	2.14923	0.694914	1.1.595	1.26335	0.4.4216	2.25.3.3	1.17231	0.1.2098	0.1.03863	2.18975	2.19975	0.0405071	1
ap26948274	SLC6A19	0.0593147	0.0156183	0.330199	-3.02848	0.169892	0.578991	-1.72714	0.448375	0.749161	-1.33482	0.366959	0.707209	-1.41401	0.0163305	0.333728	2.99645	0.180086	0.594497	-1.68209	0.0207066	0.353045	-2.8325	0.045637	0.42459	-2.35521	0.0326122	0.392689	-2.54654	1.17228	7.01968	1.96695	1
ap06352072	RNF152	0.0593165	0.8941253	0.87382	-1.14439	0.2.3.3	0.4.1844	0.1.3168	0.1.03863	2.18657	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	1
ap04132472	AKAP10	0.0593196	0.99344	0.995901	-1.00412	0.914013	0.947462	-1.05545	0.999133	1.00054	1.00054	0.0514026	0.529883	0.529883	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	1
ap10887069	FAM20B	0.0593198	0.0470796	0.439792	-2.2738	0.512985	0.793943	-1.25954	0.474511	0.776509	-1.28782	0.201651	0.59829	1.59829	0.203895	0.627284	-1.59418	0.447618	1.30888	1.30888	0.0747897	0.501469	-1.99414	0.0128417	0.92895	2.92895	0.67297	0.862737	-1.1591	1.17218	6.07648	1.70283	1
ap06944312	PGAM2	0.0593202	0.0177622	0.4.4.3	0.4.4.3	0.2.3.3	0.4.1844	0.1.3168	0.1.03863	2.18657	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	0.9690152	0.1.03863	2.18657	0.1.8171	1
ap23493553	LPP;LPP;LPP	0.0593203	0.576223	1.09322	1.09322	0.0122493	0.611071	-1.63647	0.26473	0.83366	-1.19953	0.299733	0.843973	-1.18407	0.187905	1.2464	1.2464	0.174882	0.796315	-1.25578	0.0425305	1.44579	1.44579	0.672358	0.86945	-1.16041	0.1284884	0.7715555	-1.29608	1.17217	1.25174	0.350755	1
ap07966760	NOTCH2;NOTCH2	0.0593209	1.230613	1.32441	1.32441	0.3.3.3	0.4.1215	0.1.36304	0.8294939	1.17709	0.8294939	1.17709	0.4.8448	0.1.33205	0.4.8448	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	1
ap20084219	C17orf98	0.0593227	0.0180903	3.60039	3.60039	0.0238342	1.33136	1.33136	0.479884	1.37777	1.37777	0.84915	1.08868	1.08868	0.0949766	2.26762	2.26762	0.078661	2.39216	2.39216	0.0862287	2.32989	2.32989	0.0105639	4.20053	4.20053	0.0918071	2.28933	2.28933	1.17211	10.0031	2.80306	1
ap24364422	BOLA1	0.0593241	0.830847	1.16625	1.16625	0.0489594	0.610286	-1.6381	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	1.63	0.8.8.3	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	1
ap16000018	MRVI1;MRVI1;MRVI1;MRVI1	0.0593258	0.0694924	0.320089	-3.1241	0.0403369	0.264792	-3.77655	0.0448279	0.274715	-3.64013	0.0551097	0.295306	3.38746	0.0037311	0.142633	7.01427	0.375213	0.63452	-1.57635	0.0367465	0.320706	-3.11812	0.16874	0.439225	2.27674	1.17205	15.8138	4.43144	1
ap16701059	LRRK1	0.0593261	0.182188	0.427871	-2.33715	0.354032	1.77128	1.77128	0.444242	1.59622	1.59622	0.181256	0.427001	-2.34192	0.044624	0.250971	-3.98452	0.430354	0.617171	-1.6203	0.00556286	0.112628	-8.8788	0.256528	0.49161	-2.03413	0.2572552	2.03175	2.03175	1.17204	18.0597	5.06078	1
ap07594531	GJB4	0.0593262	0.0250576	0.400867	-2.49775	0.386092	0.757461	-1.3.6	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	1.17204	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	1
ap27129048	STBSA2	0.0593264	0.381345	1.44564	1.44564	0.391906	0.697644	-1.4334	0.0840495	0.456282	-2.19163	0.413998	1.40885	1.40885	0.0259683	0.337938	2.95912	0.975102	0.987271	-1.01289	0.0482649	0.2155532	-4.63968	0.684177	1.18278	1.18278	0.609302	0.809307	-1.23563	1.17204	8.46434	2.37193	1
ap01985423	NDUFA7	0.0593283	0.457251	0.849026	-1.17782	0.0269782	1.76161	1.76161	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	1.17204	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	1
ap06461837	SDK1	0.0593298	0.357849	1.2438	1.2438	0.1159071	1.93003	1.93003	0.2.3.3	0.1.36304	0.8294939	1.17709	0.4.8448	0.1.33205	0.4.8448	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	1
ap05384917	GPR109B	0.0593303	0.783824	1.14089	1.14089	0.231573	1.82473	1.82473	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	1.17204	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	1
ap02151301	HM13;HM13;HM13;HM13	0.0593314	0.143342	1.34308	1.34308	0.2404307	0.120122	0.2.3937	0.1.36304	0.8294939	1.17709	0.4.8448	0.1.33205	0.4.8448	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	1
ap08935613	HYLS1	0.0593341	0.890265	0.953155	-1.04915	0.698416	0.873436	-1.1449	0.894865	0.955088	-1.04702	0.337504	1.41009	1.41009	0.00106578	0.186185	-5.37099	0.855476	0.9386	-1.06542	0.243301	0.65421	-1.52856	0.635122	0.846927	-1.18074	0.398822	0.740657	-1.35015	1.17188	6.06812	1.70053	1
ap02839794	PRKAG2;PRKAG2	0.0593352	0.921465	0.986571	-1.01357	0.23889	0.842238	-1.18731	0.0195215	0.675097	-1.48127	0.479367	0.904756	-1.10527	0.863581	1.02423	1.02423	0.8.8.3	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	0.2.6351	0.4.4216	2.63351	0.1.33205	0.4.8448	1
ap14934978	FZD3	0.0593356	0.503381	1.1673	1.1673	0.120271	0.681201	-1.468	0.470217	0.718216	-1.38216	0.156774	1.41199	1.41199	0.0490441	0.549943	1.66821	0.988035	0.95659	-1.00342	0.0182158	0.520492	-1.92126	0.0687609	0.15045	1.15045	0.43042	1.20121	1.20121	1.17184	2.60674	0.730523	1
ap27289104	SDCCAG1	0.0593365	0.0304388	0.564282	-1.77216	0.142777	1.42523	1.42523	0.0362799	1.72909	1.72909	0.650356	1.1081	1.1081	0.0618476	0.623098	-1.60488	0.555991	0.874621	-1.14335	0.162497	1.39853	1.39853	0.56587	1.11946	1.11946	0.1701931	1.38903	1.38903	1.17183	2.54191	0.712358	1
ap03577888	PPIF	0.0593373	0.203937	1.2.3.3	1.2.3.3	0.4.4538	0.4.1128	0.1.63863	1.47975	0.4.1128	0.1.63863	1.47975	0.4.1128	0.1.63863	1.47975	0.4.1128	0.1.63863	0.2.3803	0.4.8446	0.2.8803	0.1.22139	0.538982	0.4.7085	0.2.8803	0.1.22139	0.538982	0.4.7085	0.2.8803	0.1.22139	0.538982	0.4.7085	1.17182	0.4.7958	0.2.8803	0.1.22139	0.538982	0.4.7085	1
ap17519949	NOTCH3	0.0593338	0.41866	1.66019	1.66019	0.0193552	0.66789	-1.56789	0.557573	0.695014	-1.43882	0.662634	1.30903	1.30903	0.00636959	0.113255	8.8296	0.46382	0.632932	-1.57995	0.280095	1.99124	1.99124	0.483953	1.54705	1.54705	0.784716	1.18291	1.18291	1.1718	3.92027	5.29743	1
ap06513977	DAXX;DAXX;DAXX;DAXX	0.0593369	0.0460906	0.342672	-2.91824	0.0563184	0.417945	-2.39281	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123883	0.443786	-2.30528	0.0902128	0.212632	5.21632	0.0.9.85	0.1.08085	0.647316	0.123548	0.30131	3.30131	0.123

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16684691	HS6ST3	0.0594164	0.637161	1.21841	1.21841	0.120658	2.01346	2.01346	0.68476	0.843914	-1.18496	0.432174	0.716553	-1.39557	0.0353075	2.77095	2.77095	0.867362	0.932861	-1.07197	0.0440463	0.382114	-2.61702	0.0119977	3.6803	3.6803	0.735079	1.15167	1.15167	3.17016	8.67984	2.43376	1
cg25335009	HDAC4	0.0594171	0.0153184	0.464254	-2.15399	0.462051	0.82449	-1.21287	0.177353	0.691039	-1.4471	0.222192	1.39194	1.39194	0.316411	0.765681	-1.30603	0.0466173	1.7992	1.7992	0.105462	1.57763	1.57763	0.82496	1.05876	1.05876	0.206643	0.709404	-1.40963	3.17015	3.33607	0.935412	1
cg03410223	C6orf89	0.0594182	0.336877	1.26824	1.26824	0.0029897	2.65741	2.65741	0.132287	1.47673	1.47673	0.505096	0.85018	-1.17622	0.756271	0.928003	-1.07758	0.666448	1.10968	1.10968	0.124156	0.6706	-1.4912	0.293721	1.29873	1.29873	0.194157	1.39051	1.39051	3.17012	2.8918	0.810848	1
cg27355623	NMT2;NMT2	0.0594193	0.727408	1.10932	1.10932	0.0294576	0.467564	-2.13875	0.483329	0.809608	-1.23517	0.215595	1.47169	1.47169	0.175643	1.53257	1.53257	0.613816	0.859966	-1.16284	0.686376	0.886613	-1.12789	0.00541307	0.337809	-2.96025	0.584833	1.1777	1.1777	3.1701	4.41313	1.23743	1
cg06829366	IGDCC4	0.0594205	0.876066	1.07524	1.07524	0.111389	2.23887	2.23887	0.0436228	2.93938	2.93938	0.751845	1.15887	1.15887	0.999638	0.999789	-1.00021	0.714902	0.843233	-1.18591	0.34861	1.56595	1.56595	0.00182145	7.84236	7.84236	0.286902	1.67192	1.67192	3.17007	10.8459	3.0412	1
cg18240703	HRNBP3	0.0594218	0.0943182	0.578906	-1.7274	0.0342984	0.480042	-2.08315	0.0169478	0.420819	-2.37632	0.818351	0.933914	-1.07076	0.110074	0.595942	-1.67802	0.372203	1.31296	1.31296	0.0543701	0.522672	-1.91325	0.164223	1.55444	1.55444	0.555792	0.837707	-1.19373	3.17005	4.43468	1.2435	1
cg16520737	C19orf6;C19orf6	0.0594231	0.00689153	0.499753	-2.00099	0.414983	0.847701	-1.17966	0.144954	0.733142	-1.36399	0.159346	0.742137	-1.34746	0.174075	1.33207	1.33207	0.524105	1.13657	1.13657	0.699787	1.07986	1.07986	0.31125	1.2309	1.2309	0.112763	1.40821	1.40821	3.17002	1.97419	0.553571	1
cg26005303	RNF216;RNF216	0.0594276	?	?	?	0.161469	2.62295	2.62295	0.794421	1.17515	1.17515	0.203087	0.423322	-2.36227	0.020799	0.141586	-7.06286	?	?	?	0.0364513	0.189224	-5.28473	0.122184	2.97841	2.97841	0.688657	1.28329	1.28329	4.46135	19.2103	3.07567	1
cg18806033	NCKAP5;NCKAP5	0.0594281	0.0361504	0.447249	-2.23589	0.0387516	0.453678	-2.20421	0.159836	0.608972	-1.64211	0.253722	0.674612	-1.48233	0.954474	1.01903	1.01903	0.245025	0.669264	-1.49418	0.0243654	2.42547	2.42547	0.526137	1.2363	1.2363	0.384693	1.34222	1.34222	3.16992	5.47503	1.53528	1
cg19109457	HLA-E	0.0594304	0.106192	0.398533	-2.5092	0.00501918	0.144354	-6.92744	0.0259439	0.251974	-3.96867	0.311877	0.579554	-1.72547	0.0403249	0.290826	-3.43848	0.710344	0.823232	-1.21472	0.145629	0.442791	-2.2584	0.0409995	0.292393	-3.42005	0.58001	0.747185	-1.33836	3.16987	13.649	3.82742	1
cg06182338	TUB	0.0594315	0.599799	1.12601	1.12601	0.326293	1.25506	1.25506	0.946139	1.01526	1.01526	0.597563	1.12685	1.12685	0.01211	0.496017	-2.01606	0.665921	1.10227	1.10227	0.0114816	2.03171	2.03171	0.332098	1.25145	1.25145	0.1998	0.73813	-1.35478	3.16984	2.52272	0.707423	1
cg17760571	NSA2;GFM2;GFM2;GFM2;GFM2;GFM2;GFM2	0.0594325	0.00383163	0.423252	-2.36266	0.396594	0.825743	-1.21103	0.64162	1.10892	1.10892	0.209602	1.33866	1.33866	0.292935	1.27208	1.27208	0.0696083	1.56457	1.56457	0.490177	0.856757	-1.16719	0.803227	1.05661	1.05661	0.561066	1.13841	1.13841	3.16983	2.44239	0.684901	1
cg11113216	GALNT9	0.0594338	0.0468261	0.116457	-8.58685	0.37607	2.3591	2.3591	0.997064	0.996529	-1.00348	0.153631	0.236118	-4.23517	0.0296573	0.0890343	-11.2316	0.251743	0.322614	-3.09968	0.00852308	0.0419278	-23.8505	0.282615	0.348233	-2.87164	0.0448433	0.113538	-8.8076	3.1698	44.8161	12.5675	1
cg12561497	PP14571;GPC1	0.0594341	0.119945	2.02044	2.02044	0.0430943	2.63868	2.63868	0.0237216	3.08195	3.08195	0.290947	1.57914	1.57914	0.550688	0.777478	-1.28621	0.0142593	3.52592	3.52592	0.399793	1.43239	1.43239	0.0180777	3.31039	3.31039	0.179217	1.81272	1.81272	3.16979	8.72552	2.44685	1
cg19381814	GRB10;GRB10;GRB10	0.0594342	0.798766	1.03846	1.03846	0.511947	1.10324	1.10324	0.0495678	0.718243	-1.39229	0.507169	1.10451	1.10451	0.937154	1.01172	1.01172	0.048492	1.39509	1.39509	0.0040749	1.76736	1.76736	0.789867	1.04024	1.04024	0.508321	1.1042	1.1042	3.16979	1.0954	0.307177	1
cg19980382	AEN;AEN	0.0594354	0.266958	0.767284	-1.3033	0.280727	0.773517	-1.2928	0.190568	1.37365	1.37365	0.251604	0.760077	-1.31566	0.587972	0.882242	-1.13348	0.00494011	0.426263	-2.34597	0.50457	0.85633	-1.16777	0.254801	1.31302	1.31302	0.108266	1.49378	1.49378	3.16976	2.63367	0.738553	1
cg21821833	CCK	0.0594376	0.0253576	3.94859	3.94859	0.746138	1.18274	1.18274	0.737076	1.19018	1.19018	0.417681	1.53408	1.53408	0.664809	1.25263	1.25263	0.19908	2.01601	2.01601	0.398364	0.639687	-1.56326	0.00224996	9.11206	9.11206	0.313825	1.71299	1.71299	3.16972	13.4024	3.75845	1
cg12813768	SYCP1	0.0594385	0.113993	2.48817	2.48817	0.0885048	0.369257	-2.70814	0.526007	0.711311	-1.40586	0.185612	0.475156	-2.10457	0.0818107	0.359731	-2.77985	0.177168	0.467462	-2.13921	0.266318	0.541165	-1.84786	0.0150859	4.87118	4.87118	0.683471	0.804664	-1.24276	3.1697	14.1096	3.95681	1
cg01371477	ANP32E;ANP32E;ANP32E	0.0594387	0.0345977	0.454313	-2.20112	0.785441	1.09131	1.09131	0.154095	1.62997	1.62997	0.0313269	0.445399	-2.24518	0.0143592	0.38043	-2.6286	0.092188	0.552369	-1.81038	0.569601	0.831915	-1.20205	0.164602	0.622021	-1.60766	0.299607	0.708769	-1.4109	3.1697	5.14739	1.4435	1
cg18511526	FLJ44817;FLJ44817	0.0594393	0.639496	1.24552	1.24552	0.11068	2.24544	2.24544	0.0783206	2.48478	2.48478	0.6526	1.23477	1.23477	0.00852153	0.209641	-4.77007	0.55171	1.32344	1.32344	0.0489676	0.351271	-2.8468	0.694888	1.20136	1.20136	0.954138	0.973589	-1.02713	3.16968	10.8727	3.04907	1
cg04324521	CACNA1H;CACNA1H	0.0594393	0.882863	0.957526	-1.04436	0.0110473	2.55559	2.55559	0.0260017	2.17674	2.17674	0.669435	1.13477	1.13477	0.657166	1.14053	1.14053	0.304449	1.36763	1.36763	0.00767788	2.74167	2.74167	0.1134	1.66053	1.66053	0.872642	1.04836	1.04836	3.16968	4.35041	1.22	1
cg25110234	C21orf58;PCNT	0.0594404	0.429049	0.852062	-1.17362	0.627977	1.10168	1.10168	0.659265	1.09198	1.09198	0.104441	1.42188	1.42188	0.0971173	0.696924	-1.43488	0.0101523	0.525725	-1.90214	0.148131	0.735172	-1.36023	0.510658	0.876062	-1.14147	0.077478	1.47578	1.47578	3.16966	1.9742	0.553639	1
cg08869466	C10orf93	0.0594414	0.610387	0.877871	-1.13912	0.788209	0.934026	-1.07063	0.0876951	0.620143	-1.61253	0.26737	0.746106	-1.34029	0.00273601	0.350537	-2.85276	0.133407	0.663407	-1.50737	0.151728	1.47595	1.47595	0.774213	1.07563	1.07563	0.940394	1.01914	1.01914	3.16964	3.22552	0.904559	1
cg24047736	GEMIN6	0.0594415	0.733838	0.895929	-1.11616	0.00304522	0.270608	-3.69539	0.619894	0.851294	-1.17468	0.135228	1.67946	1.67946	0.32503	0.720913	-1.38713	0.426431	0.769907	-1.29886	0.272352	0.692198	-1.44467	0.0675937	0.517197	-1.9335	0.436959	1.29089	1.29089	3.16964	5.2047	1.4596	1
cg14672293	FOXN2	0.0594427	0.357688	1.23433	1.23433	0.00799691	0.469293	-2.13086	0.515243	0.863421	-1.15818	0.780838	1.06405	1.06405	0.842922	0.956804	-1.04515	0.0377335	0.584869	-1.70978	0.123873	0.690118	-1.44903	0.0482992	0.605177	-1.65241	0.285872	1.27978	1.27978	3.16961	2.4867	0.697373	1
cg02498702	LAMA5	0.0594427	0.207208	0.62241	-1.60666	0.873557	0.944807	-1.05842	0.382016	0.726435	-1.37659	0.0898254	0.513459	-1.94757	0.0349046	0.416289	-2.40218	0.00997378	0.313501	-3.18978	0.0140524	0.339303	-2.94722	0.135579	0.563597	-1.77432	0.0400075	0.429076	-2.33059	3.16961	6.37936	1.78903	1
cg12651664	SMAD7	0.059443	0.0218548	0.645705	-1.5487	0.0995104	1.33246	1.33246	0.941376	0.988376	-1.01176	0.128532	0.770149	-1.29845	0.421079	1.13959	1.13959	0.0761511	0.730727	-1.3685	0.098069	0.749395	-1.33441	0.0293759	0.665028	-1.5037	0.440302	0.882397	-1.13328	3.16961	1.26875	0.35581	1
cg25893857	CCDC144NL	0.0594435	0.13986	1.5345	1.5345	0.237663	1.39578	1.39578	0.631025	0.877704	-1.13934	0.361126	1.28796	1.28796	0.1551	1.50704	1.50704	0.6181	1.14509	1.14509	0.00615428	0.381601	-2.62054	0.163263	1.4935	1.4935	0.127856	1.55854	1.55854	3.16959	3.64771	1.02297	1
cg22897141	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.0594445	0.936373	1.03966	1.03966	0.0314644	3.41843	3.41843	0.00624119	5.67751	5.67751	0.082367	2.55348	2.55348	0.362594	0.633891	-1.57756	0.693709	0.824619	-1.21268	0.0701114	2.68178	2.68178	0.760179	0.861435	-1.16085	0.289455	1.7086	1.7086	3.16957	11.9145	3.34135	1
cg00396699	CACNA1H;CACNA1H	0.0594452	0.743117	1.11175	1.11175	0.0210918	2.44363	2.44363	0.161954	0.618151	-1.61773	0.16318	1.61516	1.61516	0.094224	0.552865	-1.80876	0.134554	1.68154	1.68154	0.592663	1.18999	1.18999	0.0312997	2.2564	2.2564	0.156752	1.62886	1.62886	3.16956	5.20858	1.46072	1
cg26661623	ASGR2;ASGR2;ASGR2	0.0594482	0.0549659	0.40608	-2.46257	0.0427135	0.380581	-2.62756	0.437738	0.720507	-1.38791	0.117962	0.495099	-2.0198	0.00398147	0.201257	-4.96878	0.0659316	0.425551	-2.3499	0.0571032	0.410084	-2.43852	0.194604	0.566543	-1.76509	0.105771	0.481101	-2.07857	3.1695	8.60815	2.41416	1
cg07724259	EMILIN2	0.059449	0.0722058	1.61082	1.61082	0.0151654	2.03155	2.03155	0.221879	0.737088	-1.35669	0.126066	1.48182	1.48182	0.714096	1.09136	1.09136	0.0423531	0.573766	-1.74287	0.874617	0.963175	-1.03823	0.448452	1.20146	1.20146	0.158897	1.43013	1.43013	3.16948	2.83377	0.794737	1
cg15175716	CCDC88B	0.0594504	0.0197494	0.268998	-3.7175	0.645729	0.805827	-1.24096	0.0452896	0.34264	-2.91851	0.200445	0.532202	-1.87899	0.0349864	0.317937	-3.14528	0.0423787	0.33611	-2.97522	0.0833085	0.408959	-2.44523	0.0127008	0.235876	-4.23951	0.105402	0.438193	-2.2821	3.16945	10.9191	3.0623	1
cg00189906	FAM91A1	0.0594506	0.774408	0.935536	-1.06891	0.160504	1.41571	1.41571	0.19589	1.37321	1.37321	0.755705	1.07505	1.07505	0.138561	0.690913	-1.44736	0.961767	0.988946	-1.01118	0.00432524	0.412955	-2.42157	0.128113	1.46436	1.46436	0.826071	1.05236	1.05236	3.16945	2.69904	0.75696	1
cg02082462	PRTN3	0.0594512	0.203547	0.499279	-2.00289	0.00830848	0.174446	-5.73242	0.398954	0.639587	-1.56351	0.327885	0.592925	-1.68656	0.0212864	0.23869	-4.18954	0.037685	0.287173	-3.48222	0.0261457	0.255198	-3.91852	0.0501057	0.314715	-3.17747	0.266432	0.549205	-1.82081	3.16944	13.4458	3.77096	1
cg09741592	HNRNPA1;HNRNPA1L-2;HNRNPA1	0.0594531	0.0505084	0.740245	-1.3509	0.821913	0.970035	-1.03089	0.197761	1.20168	1.20168	0.0232344	0.693433	-1.4421	0.00747888	0.628324	-1.59154	0.211859	0.837379	-1.1942	0.654626	0.941045	-1.06265	0.229768	0.843621	-1.18537	0.166269	0.819386	-1.22043	3.16939	0.914142	0.25638	1
cg07875848	BCDIN3D	0.0594534	0.0101564	0.638722	-1.56563	0.0571389	1.34661	1.34661	0.116927	1.26556	1.26556	0.47419	1.10588	1.10588	0.409669	0.88995	-1.12366	0.384455	0.883996	-1.13123	0.0844105	0.768013	-1.30206	0.776273	0.96137	-1.04018	0.324796	0.868839	-1.15096	3.16939	0.959718	0.269163	1
cg22210779	TBCD	0.0594536	0.11107	0.513207	-1.94853	0.0511613	0.425956	-2.34766	0.0492653	0.422136	-2.36891	0.486266	0.761959	-1.31241	0.00210355	0.189726	-5.27077	0.559563	0.797126	-1.25451	0.402679	0.719564	-1.38973	0.61229	0.821684	-1.21701	0.116266	0.518969	-1.9269	3.16939	7.4126	2.07895	1
cg17310773	SLC25A17;SLC25A17	0.0594541	0.477543	1.46953	1.46953	0.589453	1.33697	1.33697	0.268326	1.84889	1.84889	0.333309	1.70226	1.70226	0.541113	0.719081	-1.39066	0.00324043	0.117603	-8.50319	0.321606	1.72604	1.72604	0.945054	1.03742	1.03742	0.086431	2.7446	2.7446	3.16937	14.2628	4.00018	1
cg08151866	EPHX3;EPHX3	0.0594559	0.0120641	1.79258	1.79258	0.0364394	1.57364	1.57364	0.0625842	1.47807	1.47807	0.0709526	1.45669	1.45669	0.0348073	1.58203	1.58203	0.199	1.28796	1.28796	0.0202564	1.68531	1.68531	0.0810429	1.4343	1.4343	0.256909	1.24686	1.24686	3.16934	1.74508	0.489435	1
cg26542660	CEP135	0.059462	0.0258964	0.282179	-3.54385	0.506325	0.724288	-1.38067	0.0547911	0.35274	-2.83495	0.202378	0.525259	-1.90382	0.00522687	0.171611	-5.82714	0.19725	0.520962	-1.91953	0.102508	0.425403	-2.35071	0.0516098	0.346527	-2.88578	0.0557651	0.354592	-2.82015	3.16921	11.4865	3.2217	1
cg04869122	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0594643	0.508716	1.35134	1.35134	0.00300312	6.21904	6.21904	0.399932	0.679088	-1.47256	0.193313	0.538886	-1.85568	0.617728	1.25355	1.25355	0.379024	1.49981	1.49981	0.126071	2.10306	2.10306	0.315007	1.59463	1.59463	0.281551	0.604931	-1.65308	3.16916	10.1247	2.83979	1
cg23732781	GABBR1;GABBR1;GABBR1	0.0594645	0.139458	0.514849	-1.94232	0.0937493	0.463317	-2.15835	0.0393527	2.70495	2.70495	0.199913	1.75992	1.75992	0.146878	0.522099	-1.91534	0.193713	0.563239	-1.77544	0.0427277	0.377667	-2.64783	0.0847426	0.451211	-2.21626	0.872218	0.935014	-1.0695	3.16916	8.74625	2.45316	1
cg17641857	CHST13	0.0594654	0.0144491	2.56226	2.56226	0.673181	0.875966	-1.1416	0.173277	0.636153	-1.57195	0.647208	0.86603	-1.15469	0.04918	0.496141	-2.01556	0.141386	1.63833	1.63833	0.120517	1.69158	1.69158	0.197644	0.653714	-1.52972	0.582892	0.841031	-1.18902	3.16914	4.8908	1.37179	1
cg08676905	IL15RA;IL15RA	0.0594659	0.070282	0.731736	-1.36661	0.339704	1.16404	1.16404	0.439575	1.1294	1.1294	0.91503	1.01661	1.01661	0.839933	1.03171	1.03171	0.361037	0.865072	-1.15597	0.00703906	0.584041	-1.71221	0.0242569	0.660607	-1.51376	0.521344	1.10554	1.10554	3.16913	1.196	0.335458	1
cg03605226	JPH3	0.0594674	0.698358	1.08269	1.08269	0.758041	0.938904	-1.06507	0.367027	1.20812	1.20812	0.387193	1.19822	1.19822	0.97174	1.00725	1.00725	0.625821	1.10546	1.10546	0.0012411	0.381788	-2.61926	0.787678	0.946413	-1.05662	0.998264	1.00044	1.00044	3.1691	2.08926	0.58601	1
cg14154330	ARHGAP27	0.0594679	0.230871	0.833655	-1.19954	0.0546147	0.729348	-1.37109	0.0113825	0.632184	-1.58182	0.0524337	0.726681	-1.37612	0.190101	0.818011	-1.22248	0.0202901	0.666933	-1.4994	0.405387	0.884062	-1.13114	0.0431881	0.714121	-1.40032	0.0307085	0.692517	-1.44401	3.16909	1.05172	0.294996	1
cg25145023	PPARD;PPARD	0.0594704	0.262585	0.823685	-1.21406	0.00957418	1.72422	1.72422	0.282786	0.83083	-1.20362	0.410276	0.869507	-1.15008	0.748671	1.05483	1.05483	0.485871	1.12478	1.12478	0.0124458	1.67609	1.67609	0.808867	0.960557	-1.04106	0.553821	0.905335	-1.10456	3.16904	1.38402	0.388206	1
cg24913154	CDADC1	0.0594707	0.450375	1.19781	1.19781	0.105902	1.51357	1.51357	0.120808	1.48414	1.48414	0.206114	0.731262	-1.3675	0.356856	1.24906	1.24906	0.00848649	0.454529	-2.20008	0.217625	0.737577	-1.35579	0.515608	1.16732	1.16732	0.227498	0.74281	-1.34624	3.16903	2.76426	0.775355	1
cg18085206	CRK;CRK	0.0594714	0.666327	1.37947	1.37947	0.324209	2.13409	2.13409	0.101247	3.85143	3.85143	?	?	?	0.786333	0.817602	-1.22309	0.0713476	0.219115	-4.56382	0.128441	3.4289	3.4289	0.163096	0.328198	-3.04694	0.0158102	0.104042	-9.61151	3.46495	26.2119	6.61925	1
cg14343548	ADRBK1	0.0594715	0.108119	3.4393	3.4393	0.0085597	10.629	10.629	0.0164641	7.88706	7.88706	0.765275	1.2349	1.2349	0.580692	1.48164	1.48164	0.99943	1.0005	1.0005	0.201498	2.58697	2.58697	0.0137863	8.54384	8.54384	0.2855	2.18515	2.18515	3.16901	24.9222	6.99053	1
cg20874785	LOC100189589	0.0594722	0.739253	0.905732	-1.10408	0.0883208	1.74613	1.74613	0.259324	1.41738	1.41738	0.527286	1.20907	1.20907	0.518506	1.21412	1.21412	0.339131	0.746737	-1.33916	0.105422	0.591942	-1.68935	0.0034756	3.24018	3.24018	0.650072	1.14497	1.14497	3.169	4.40969	1.2369	1
cg22638105	AGPAT6	0.0594726	0.037071	0.171358	-5.83572	0.0129574	0.105688	-9.46181	0.0676226	0.224961	-4.44521	0.241329	0.409146	-2.44411	0.0178225	0.122607	-8.15611	0.0998448	0.268747	-3.72097	0.0229333	0.137697	-7.26233	0.361684	0.505	-1.9802	0.117089	0.289264	-3.45705	3.16899	26.647	7.47437	1
cg20767356	HORMAD1	0.0594752	0.0134113	2.19993	2.19993	0.835584	0.947895	-1.05497	0.296216	0.756624	-1.32166	0.269468	1.34461	1.34461	0.083069	1.63903	1.63903	0.893027	1.03525	1.03525	0.00941493	2.33391	2.33391	0.0847112	1.63386	1.63386	0.804157	1.06606	1.06606	3.16893	3.32751	0.93337	1
cg00912598	DNMT3A;DNMT3A;DNMT3A	0.0594758	0.0932339	0.373826	-2.67504	0.0221903	0.231989	-4.31055	0.18937	0.476706	-2.09773	0.32405	0.581157	-1.7207	0.0799305	0.355078	-2.81628	0.354333	0.601827	-1.66161	0.00354039	0.121647	-8.22048	0.0483701	0.300593	-3.32676	0.245346	0.523338	-1.91081	3.16892	14.2519	3.99769	1
cg01858923	MAX;MAX;MAX;MAX;MAX;MAX	0.0594767	0.125493	1.52138	1.52138	0.0459461	0.56051	-1.78409	0.154906	1.46999	1.46999	0.081165	1.63116	1.63116	0.246087	1.35932	1.35932	0.497676	0.840101	-1.19033	0.0336147	0.533618	-1.874	0.169347	1.44848	1.44848	0.598475	1.14394	1.14394	3.1689	3.21423	0.901603	1
cg02500152	TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.0594779	0.790973	1.04576	1.04576	0.0907258	0.730579	-1.36878	0.698498	0.936538	-1.06776	0.263549	0.821746	-1.21692	0.145371	0.768456	-1.30131	0.299984	0.834498	-1.19833	0.00135213	0.456584	-2.19018	0.925793	1.01582	1.01582	0.368621	0.855948	-1.16829	3.16888	1.42401	0.399443	1
cg09243122	ZNF98	0.0594788	0.328254	0.519092	-1.92644	0.0911526	0.298497	-3.35012	0.441385	0.60044	-1.66545	0.0847726	0.289794	-3.45073	0.0064212	0.0998979	-10.0102	0.120949	0.335312	-2.98229	0.0260681	0.179822	-5.56107	0.0496373	0.233355	-4.28531	0.0312113	0.193466	-5.16886	3.16886	21.1887	5.94358	1
cg03918377	PCGF3	0.0594797	0.208598	0.538019	-1.85867	0.277699	1.6953	1.6953	0.815395	1.11557	1.11557	0.134385	0.470093	-2.12724	0.0790355	0.40177	-2.48898	0.0792161	0.402039	-2.48732	0.00535239	0.17991	-5.55833	0.605907	1.27553	1.27553	0.107918	0.440318	-2.27108	3.16884	10.9738	3.07826	1
cg01453052	TRIM65	0.0594802	0.0129558	0.300607	-3.3266	0.077456	0.46539	-2.14873	0.976185	1.0117	1.0117	0.0350062	0.38391	-2.60478	0.0466546	0.41157	-2.42972	0.107493	0.504301	-1.98294	0.9771	1.01125	1.01125	0.0162723	0.318207	-3.1426	0.319637	0.669793	-1.493	3.16883	7.622	2.13805	1
cg09376835	ASAP1	0.0594807	0.0892527	0.279245	-3.58108	0.00388325	0.0708447	-14.1154	0.0142952	0.127893	-7.81905	0.353437	0.522065	-1.91547	0.050485	0.219273	-4.56053	0.162698	0.362571	-2.75808	0.230251	0.424499	-2.35572	0.209829	0.40669	-2.45888	0.260237	0.449589	-2.22425	3.16882	23.2577	6.52404	1
cg07400294	TNXB	0.0594823	0.0284144	0.101949	-9.80882	0.0695461	0.16666	-6.00026	0.155589	0.261525	-3.82372	0.45781	0.513054	-1.94911	0.0559113	0.14784	-6.76408	0.371707	0.445045	-2.24696	0.00762636	0.0484068	-20.6583	0.0176479	0.0782378	-12.7816	0.135186	0.241353	-4.14331	3.16879	39.1029	10.9689	1
cg22325646	RND2	0.0594827	0.0702159	1.20702	1.20702	0.0895939	1.19003	1.19003	0.161945	1.14893	1.14893	0.129332	1.16457	1.16457	0.314627	0.907857	-1.1015	0.993298	0.999219	-1.00078	0.0409413	0.803066	-1.24523	0.943443	1.00662	1.00662	0.0488437	0.81129	-1.2326	3.16878	0.433718	0.121664	1
cg07111678	BCL2;BCL2	0.0594832	0.165777	0.721714	-1.38559	0.767217	1.06769	1.06769	0.926109	1.02068	1.02068	0.0642566	0.632066	-1.58211	0.835106	0.95505	-1.04707	0.0679317	0.636913	-1.57007	0.00315214	0.410535	-2.43585	0.43528	1.192	1.192	0.690803	1.09223	1.09223	3.16877	2.44329	0.685381	1
cg20333696	KCNK10;KCNK10;KCNK10	0.0594834	0.184486	0.542473	-1.84341	0.00710838	0.220707	-4.53089	0.00793496	0.227828	-4.38928	0.553943	1.29711	1.29711	0.626349	1.23762	1.23762	0.687401	1.19215	1.19215	0.279483	0.613524	-1.62993	0.310287	0.633703	-1.57803	0.772615	0.881713	-1.13416	3.16876	9.47495	2.65788	1
cg07676300	KANK2;KANK2	0.0594841	0.359741	0.376964	-2.65277	0.0175772	19.9532	19.9532	0.877487	1.17331	1.17331	0.570466	0.552078	-1.81134	0.009387	0.0329632	-30.3368	0.148417	0.200681	-4.98304	0.161933	0.212828	-4.69864	0.325027	0.348905	-2.86611	0.802146	0.770953	-1.2971	3.16875	53.8721	15.112	1
cg02667348	ZFPM1	0.0594846	0.546798	0.894868	-1.11748	0.251697	0.804017	-1.24375	0.163036	0.76244	-1.31158	0.330245	0.832755	-1.20083	0.133446	0.744629	-1.34295	0.150255	0.755091	-1.32434	0.0444143	1.52278	1.52278	0.00605546	0.520482	-1.9213	0.266198	0.809743	-1.23496	3.16874	1.66529	0.467145	1
cg14696348	MC1R;MC1R	0.0594868	0.00734632	0.493854	-2.02489	0.0559413	0.642676	-1.55599	0.0273158	0.586733	-1.70435	0.965485	1.00887	1.00887	0.141239	1.38133	1.38133	0.436222	0.850288	-1.17607	0.894405	0.97325	-1.02749	0.193255	0.754951	-1.32459	0.979845	1.00517	1.00517	3.16869	2.09215	0.586894	1
cg20457193	TXLNA	0.0594869	0.848498	0.942559	-1.06094	0.269791	1.42682	1.42682	0.660569	1.14647	1.14647	0.395189	0.763875	-1.30911	0.600895	0.849369	-1.17735	0.0424238	2.0604	2.0604	0.0135901	0.388877	-2.57151	0.651569	1.15098	1.15098	0.0271625	2.24528	2.24528	3.16869	4.80151	1.34693	1
cg26901352	CCL17	0.0594872	0.132115	0.655458	-1.52565	0.0761162	0.598705	-1.67027	0.124399	0.648923	-1.54101	0.0112988	0.438385	-2.2811	0.0266518	0.505219	-1.97934	0.0198206	0.481341	-2.07753	0.302057	0.757371	-1.32036	0.880981	0.961805	-1.03971	0.0382379	0.535665	-1.86684	3.16869	3.39051	0.951116	1
cg00734760	WBSCR16	0.0594873	0.109016	1.42988	1.42988	0.476365	1.1597	1.1597	0.257677	1.27338	1.27338	0.317534	0.809452	-1.2354	0.0174419	0.553145	-1.80784	0.10755	1.4324	1.4324	0.157356	0.733901	-1.36258	0.143686	1.37912	1.37912	0.149871	1.37144	1.37144	3.16868	2.10085	0.589337	1
cg14603031	LFNG;LFNG;LFNG;LFNG	0.0594875	0.511149	0.746639	-1.33934	0.983979	1.00884	1.00884	0.0248326	0.310046	-3.22533	0.224141	0.571295	-1.75041	0.129247	0.487403	-2.05169	0.0560204	2.58292	2.58292	0.0293905	0.324721	-3.07957	0.0408666	0.3553	-2.81452	0.376292	0.671626	-1.48892	3.16868	9.64569	2.70584	1
cg02914419	ASNA1	0.0594885	0.594712	0.951086	-1.05143	0.0358578	1.25613	1.25613	0.601554	1.05044	1.05044	0.787112	0.975035	-1.0256	0.875872	1.01471	1.01471	0.92477	0.991218	-1.00886	0.144925	0.863972	-1.15745	0.0401975	1.24783	1.24783	0.00771064	1.37674	1.37674	3.16866	0.437752	0.1228	1
cg09291026	C14orf145	0.0594886	0.0156757	0.137163	-7.2906	0.143155	0.348089	-2.87283	0.0566891	0.235344	-4.24911	0.715377	1.27841	1.27841	0.0106355	0.115994	-8.62112	0.162355	0.367714	-2.7195	0.0884135	0.283436	-3.52813	0.999091	1.00076	1.00076	0.0582533	0.238028	-4.20118	3.16866	22.5734	6.3324	1
cg03699601	TMEM121	0.059489	0.187722	1.43323	1.43323	0.259751	0.73853	-1.35404	0.409353	1.24302	1.24302	0.141355	1.50347	1.50347	0.479594	1.20356	1.20356	0.134996	1.51501	1.51501	0.00789282	2.40746	2.40746	0.0110606	2.27398	2.27398	0.172577	1.45392	1.45392	3.16865	3.33568	0.935747	1
cg26742859	CRY2;CRY2;CRY2	0.059491	0.0525579	0.715757	-1.39712	0.0895638	1.32842	1.32842	0.00578727	1.73071	1.73071	0.717228	1.05673	1.05673	0.710389	1.05822	1.05822	0.98481	1.00289	1.00289	0.1694	0.80083	-1.2487	0.501873	0.901755	-1.10895	0.827953	1.03357	1.03357	3.16861	1.15525	0.324083	1
cg10651657	LOC100134259	0.0594928	0.756073	0.888099	-1.126	0.568494	1.24546	1.24546	0.00778647	0.272198	-3.6738	0.154225	1.78756	1.78756	0.388519	0.714217	-1.40014	0.414587	0.727888	-1.37384	0.0381391	0.400416	-2.4974	0.233853	1.60852	1.60852	0.246139	1.58712	1.58712	3.16857	7.27841	2.04183	1
cg15232214	ZHX2	0.0594931	0.991275	1.00261	1.00261	0.0235343	0.524244	-1.90751	0.427149	1.21359	1.21359	0.930323	1.0211	1.0211	0.974015	0.992253	-1.00781	0.856998	0.957848	-1.04401	0.00609301	2.35113	2.35113	0.734794	0.922027	-1.08457	0.103229	0.653422	-1.53041	3.16856	2.86072	0.802529	1
cg08774871	C16orf74	0.0594943	0.0875945	2.7752	2.7752	0.0248203	4.24624	4.24624	0.0712677	2.9759	2.9759	0.184574	2.14207	2.14207	0.348755	0.593235	-1.68567	0.747335	1.19121	1.19121	0.00836098	6.19665	6.19665	0.114273	2.53418	2.53418	0.0972946	2.67774	2.67774	3.16854	14.7039	4.12497	1
cg20487452	MMP12;MMP12	0.0594954	0.0222619	0.204002	-4.90191	0.0454936	0.264262	-3.78413	0.0228455	0.205939	-4.85581	0.234001	0.484864	-2.06243	0.0176655	0.187411	-5.33588	0.0965109	0.346901	-2.88267	0.086526	0.333356	-2.9998	0.697125	1.25474	1.25474	0.119672	0.375444	-2.66351	3.16851	16.8931	4.73915	1
cg02409108	ODZ4	0.0594966	0.309399	1.18786	1.18786	0.373379	0.861098	-1.16131	0.0747388	1.38383	1.38383	0.979713	0.995847	-1.00417	0.0859777	1.36412	1.36412	0.0703734	0.718206	-1.39236	0.555017	1.10264	1.10264	0.00690557	1.77223	1.77223	0.484061	1.12343	1.12343	3.16849	1.344	0.377046	1
cg14678774	MAST1	0.0594966	0.0567179	4.33814	4.33814	0.452598	1.68308	1.68308	0.489923	1.61154	1.61154	0.234927	2.33274	2.33274	0.051597	4.51513	4.51513	0.0624768	4.16429	4.16429	0.00496097	12.5665	12.5665	0.0233077	6.32472	6.32472	0.106259	3.32074	3.32074	3.16849	23.2307	6.51716	1
cg09370177	CSNK1A1L	0.0594978	0.581205	1.10673	1.10673	0.85177	0.966525	-1.03463	0.0419637	0.65271	-1.53207	0.132632	0.744271	-1.3436	0.688958	0.929382	-1.07598	0.461036	0.872324	-1.14636	0.00899286	1.83052	1.83052	0.251856	0.804221	-1.24344	0.0867327	0.708678	-1.41108	3.16846	1.6625	0.466403	1
cg04461926	RAB5A;C3orf48	0.0594978	0.0258317	0.416447	-2.40127	0.637268	0.854517	-1.17025	0.336812	0.720503	-1.38792	0.366403	0.735528	-1.35957	0.00292278	0.258368	-3.87044	0.065759	0.504853	-1.98077	0.207247	0.643878	-1.55309	0.974048	1.01083	1.01083	0.0752086	0.519037	-1.92665	3.16846	5.49857	1.54258	1
cg01297721	HAPLN4;HAPLN4	0.0594989	0.133848	0.362832	-2.7561	0.0257875	5.25972	5.25972	0.0123731	7.04688	7.04688	0.706073	0.788537	-1.26817	0.225272	0.44996	-2.22242	0.303769	1.95011	1.95011	0.510685	1.51947	1.51947	0.110964	2.97094	2.97094	0.292346	1.98386	1.98386	3.16844	19.7309	5.53539	1
cg10549828	PTCHD1	0.059499	0.225519	0.511352	-1.9556	0.366299	1.63081	1.63081	0.254238	1.8726	1.8726	0.00802937	5.98755	5.98755	0.0299367	3.84143	3.84143	0.188583	0.479967	-2.08348	0.302131	0.569334	-1.75644	0.896402	0.933659	-1.07105	0.94968	0.967291	-1.03381	3.16844	13.9332	3.90888	1
cg12015615	VOPP1	0.0595019	0.446997	0.873726	-1.14452	0.013627	1.70149	1.70149	0.4181	1.15501	1.15501	0.860701	1.03106	1.03106	0.367065	1.17513	1.17513	0.0208511	1.62313	1.62313	0.017588	1.65387	1.65387	0.324133	0.837486	-1.19405	0.86994	1.02895	1.02895	3.16838	1.52212	0.42703	1
cg05369166	NFASC;NFASC;NFASC;NFASC;NFASC	0.0595033	0.480238	0.847832	-1.17948	0.448097	1.19464	1.19464	0.849055	0.957116	-1.04481	0.580607	0.879526	-1.13698	0.356628	1.24371	1.24371	0.0105898	2.09494	2.09494	0.0136021	0.495451	-2.01836	0.176711	0.718672	-1.39146	0.799838	1.06019	1.06019	3.16835	2.65535	0.744967	1
cg09656942	PRPSAP2	0.0595036	0.147542	1.44939	1.44939	0.205946	0.727126	-1.37528	0.244625	1.33737	1.33737	0.00946577	2.19309	2.19309	0.113825	0.663067	-1.50814	0.594179	1.13705	1.13705	0.560427	1.15097	1.15097	0.0677794	0.613456	-1.63011	0.845155	0.954373	-1.04781	3.16834	2.86237	0.803046	1
cg20716652	RGMA;RGMA	0.0595038	0.418199	1.39577	1.39577	0.0541521	2.41315	2.41315	0.00463341	4.56436	4.56436	0.752787	1.13583	1.13583	0.094879	0.477193	-2.09559	0.747864	0.878093	-1.13883	0.626517	1.21856	1.21856	0.622184	0.818567	-1.22165	0.28848	0.641361	-1.55919	3.16834	8.15262	2.28725	1
cg01283202	C4orf45	0.0595038	0.435172	0.652842	-1.53176	0.0366518	0.272435	-3.6706	0.0334546	0.264269	-3.78402	0.342456	0.592248	-1.68848	0.0109938	0.181101	-5.52179	0.408372	0.635786	-1.57286	0.0113808	0.183291	-5.4558	0.781073	1.16092	1.16092	0.186171	0.472064	-2.11836	3.16834	14.3931	4.03803	1
cg19324172	PPID	0.0595044	0.224034	1.15305	1.15305	0.390654	1.10304	1.10304	0.100225	1.22237	1.22237	0.333452	1.11765	1.11765	0.384813	1.10445	1.10445	0.14328	1.19169	1.19169	0.0202321	0.731841	-1.36642	0.168145	1.17793	1.17793	0.015797	1.39056	1.39056	3.16833	0.623781	0.175005	1
cg25970356	MYO1E	0.0595045	0.14559	0.452413	-2.21037	0.648462	0.792163	-1.26237	0.086367	0.382257	-2.61604	0.805768	0.882451	-1.13321	0.00395752	0.139842	-7.15091	0.442999	0.672316	-1.4874	0.00941686	0.188107	-5.31612	0.768468	0.860844	-1.16165	0.216274	0.516595	-1.93575	3.16832	12.929	3.62728	1
cg11588906	CHRM4	0.0595047	0.574049	1.31387	1.31387	0.531741	1.35589	1.35589	0.0273228	0.285058	-3.50806	0.133008	0.458843	-2.17939	0.00929345	0.204706	-4.88505	0.1289	0.454425	-2.20058	0.804934	0.887868	-1.12629	0.979387	1.0125	1.0125	0.0277512	0.286394	-3.49169	3.16832	11.5923	3.25227	1
cg04562757	ARHGEF10L	0.0595067	0.369786	0.794062	-1.25935	0.00198313	2.98529	2.98529	0.0369748	1.834	1.834	0.581093	1.14973	1.14973	0.757004	1.0808	1.0808	0.538973	1.16851	1.16851	0.162725	1.45221	1.45221	0.392313	1.24533	1.24533	0.390608	1.24637	1.24637	3.16828	3.14512	0.882391	1
cg27539472	AGER;AGER	0.0595072	0.720002	0.951362	-1.05112	0.166408	1.22678	1.22678	0.0396225	0.719199	-1.39044	0.146802	0.805972	-1.24074	0.135661	1.24952	1.24952	0.869744	1.02299	1.02299	0.0154147	1.50952	1.50952	0.364566	0.878921	-1.13776	0.257273	0.848935	-1.17795	3.16827	0.962828	0.270131	1
cg21220520	C14orf105;C14orf105	0.0595073	0.0530825	0.325347	-3.07364	0.0107429	0.194447	-5.14278	0.0193537	0.235788	-4.24109	0.854333	0.910383	-1.09844	0.0139569	0.211989	-4.71722	0.215617	0.513855	-1.94607	0.279796	0.563269	-1.77535	0.401312	0.644771	-1.55094	0.0998521	0.398021	-2.51243	3.16827	13.0962	3.67428	1
cg22264436	SOST	0.0595086	0.314649	0.741007	-1.34951	0.125193	1.61354	1.61354	0.00321099	0.313677	-3.188	0.598513	0.857985	-1.16552	0.201353	0.677753	-1.47546	0.126946	0.621348	-1.6094	0.169794	0.656028	-1.52433	0.119379	0.614356	-1.62772	0.943712	0.979851	-1.02056	3.16824	4.16978	1.16988	1
cg24413391	SLC4A1AP;SUPT7L	0.0595092	0.257979	0.597862	-1.67263	0.012983	0.260936	-3.83236	0.00736489	0.222	-4.50451	0.475676	0.728997	-1.37175	0.157215	0.517259	-1.93327	0.266673	0.603912	-1.65587	0.031577	0.333358	-2.99978	0.0729864	0.418327	-2.39047	0.0702785	0.414051	-2.41516	3.16823	9.52922	2.67355	1
cg22419482	MPP1;MPP1;MPP1;MPP1	0.059512	0.148734	2.32997	2.32997	0.820899	1.13184	1.13184	0.308999	0.562688	-1.77718	0.5201	0.700408	-1.42774	0.0694268	0.329808	-3.03207	0.941654	0.96081	-1.04079	0.0176115	4.84171	4.84171	0.0329122	3.90661	3.90661	0.1205	2.5087	2.5087	3.16817	14.9672	4.19933	1
cg08941824	PRRT3	0.0595138	0.0958825	0.744649	-1.34291	0.815833	1.03833	1.03833	0.921823	0.984299	-1.01595	0.128859	0.767524	-1.30289	0.623278	1.08309	1.08309	0.221913	1.22994	1.22994	0.0978299	0.746172	-1.34017	0.0115801	1.6635	1.6635	0.113037	1.32057	1.32057	3.16813	1.30412	0.365901	1
cg05432017	JMJD7;MAPKBP1;MAPKBP1;JMJD7-PLA2G4B;JMJD7-PLA2G4B	0.0595141	0.0402152	5.10558	5.10558	0.374333	1.87237	1.87237	0.127834	3.10292	3.10292	0.409664	1.78597	1.78597	0.0340329	5.48354	5.48354	0.466499	1.66476	1.66476	0.013763	8.12259	8.12259	0.00820769	10.238	10.238	0.0935564	3.55567	3.55567	3.16813	23.7377	6.66014	1
cg09918394	LASS5	0.0595142	0.820798	0.942631	-1.06086	0.0183548	0.474651	-2.10681	0.244534	0.728323	-1.37302	0.410944	0.80337	-1.24476	0.0439934	0.547334	-1.82704	0.0486671	0.556342	-1.79746	0.016121	0.464563	-2.15256	0.581711	1.1559	1.1559	0.03483	0.527026	-1.89744	3.16812	3.40226	0.95458	1
cg11654325	C2orf85	0.0595145	0.29818	0.633739	-1.57794	0.0166722	3.44254	3.44254	0.0256161	3.06951	3.06951	0.0415702	2.70157	2.70157	0.610919	1.24236	1.24236	0.291224	1.5892	1.5892	0.0947443	2.1743	2.1743	0.0327582	2.87633	2.87633	0.915808	1.04574	1.04574	3.16812	8.97611	2.51846	1
cg22213837	HEATR2	0.0595162	0.0708672	0.445205	-2.24616	0.004102	0.213526	-4.68328	0.0580026	0.423498	-2.36128	0.86581	0.934434	-1.07017	0.0559074	0.419634	-2.38303	0.175695	0.561391	-1.78129	0.058033	0.423554	-2.36098	0.0810729	0.46046	-2.17174	0.162815	0.550254	-1.81734	3.16808	8.06677	2.26335	1
cg02603868	KLHDC4	0.0595171	0.323129	0.819676	-1.21999	0.0154863	0.560656	-1.78362	0.0319313	0.612744	-1.632	0.868113	0.968137	-1.03291	0.789102	0.949106	-1.05362	0.0770195	0.681741	-1.46683	0.0507326	1.543	1.543	0.555471	1.12321	1.12321	0.56795	1.11903	1.11903	3.16806	1.90482	0.534452	1
cg14960282	GRIK3	0.0595174	0.811464	0.937156	-1.06706	0.0557044	1.80189	1.80189	0.903333	0.967538	-1.03355	0.30873	0.751161	-1.33127	0.358339	1.29246	1.29246	0.0515934	1.82535	1.82535	0.01244	2.32755	2.32755	0.0453883	1.86522	1.86522	0.286026	0.740123	-1.35113	3.16806	3.70143	1.03854	1
cg23991263	C11orf49;C11orf49;C11orf49;C11orf49	0.0595174	0.741446	0.981593	-1.01875	0.838209	0.988594	-1.01154	0.15995	1.0879	1.0879	0.0745418	0.894514	-1.11793	0.0266457	1.15882	1.15882	0.310391	0.942804	-1.06067	0.233231	0.932269	-1.07265	0.125563	0.911175	-1.09748	0.0427281	1.13984	1.13984	3.16806	0.157977	0.0443251	1
cg21586955	FAM134A;FAM134A;C2orf24	0.0595177	0.0198477	2.92313	2.92313	?	?	?	0.777034	0.909294	-1.09975	0.189405	1.6209	1.6209	?	?	?	0.0114487	3.45406	3.45406	?	?	?	0.456596	1.29246	1.29246	0.679463	0.869857	-1.14961	4.52171	4.89797	0.902677	1
cg08848140	LHX6;LHX6	0.0595177	0.375853	1.70933	1.70933	0.110075	0.357957	-2.79363	0.0725516	3.26039	3.26039	0.690209	1.26659	1.26659	0.172219	0.424385	-2.35635	0.571767	0.713865	-1.40082	0.26343	0.502732	-1.98913	0.00719878	7.73866	7.73866	0.436168	1.59776	1.59776	3.16805	17.4587	4.89855	1
cg18825419	ABI1;ABI1;ABI1;ABI1	0.0595181	0.69805	0.769246	-1.29997	0.1563	0.360415	-2.77458	0.125402	0.327549	-3.05298	0.201812	2.47683	2.47683	0.10364	0.3019	-3.31235	0.169583	2.67678	2.67678	0.153081	0.357146	-2.79998	0.0720537	3.86182	3.86182	0.0431838	4.78404	4.78404	3.16804	22.721	6.37506	1
cg03795776	BACH2;BACH2	0.0595195	0.04032	0.34904	-2.865	0.00860536	0.225614	-4.43234	0.0102957	0.23771	-4.20681	0.482143	0.728005	-1.37362	0.212712	0.558107	-1.79177	0.175216	0.526959	-1.89768	0.0348418	0.335234	-2.98299	0.691454	0.837558	-1.19395	0.476309	0.724821	-1.37965	3.16801	9.90748	2.77987	1
cg01963933	TEKT5	0.0595206	0.0647138	0.512994	-1.94934	0.149695	0.608406	-1.64364	0.100526	0.560582	-1.78386	0.12574	0.586817	-1.70411	0.00263279	0.26202	-3.8165	0.136671	0.597002	-1.67504	0.696515	1.1344	1.1344	0.96781	1.01307	1.01307	0.959302	0.983717	-1.01655	3.16799	5.19313	1.45711	1
cg02725055	TCF4;TCF4	0.0595241	0.125901	1.23029	1.23029	0.400956	1.11359	1.11359	0.132974	1.2249	1.2249	0.0340753	1.36279	1.36279	0.158262	1.20776	1.20776	0.00817929	1.52732	1.52732	0.35854	0.88856	-1.12542	0.999383	1.0001	1.0001	0.0264364	1.39009	1.39009	3.16792	0.785781	0.220483	1
cg16403659	MTA1	0.0595256	0.691715	1.06995	1.06995	0.00893112	1.75817	1.75817	0.152189	1.2972	1.2972	0.292139	1.20372	1.20372	0.389207	0.860969	-1.16148	0.234388	0.809398	-1.23549	0.0904801	1.37224	1.37224	0.0850924	0.723989	-1.38124	0.463878	0.881195	-1.13482	3.16789	1.44392	0.405155	1
cg06594578	TROAP	0.0595256	0.0340285	0.682162	-1.46593	0.131593	0.777535	-1.28612	0.364012	0.865709	-1.15512	0.792376	1.04162	1.04162	0.512369	0.902381	-1.10818	0.934167	1.01285	1.01285	0.00775692	1.69653	1.69653	0.13108	0.777234	-1.28661	0.425796	0.881862	-1.13396	3.16789	1.19901	0.336435	1
cg20100633	ZNF443	0.0595263	0.411751	1.13201	1.13201	0.557266	1.09166	1.09166	0.512661	0.90656	-1.10307	0.5172	0.907542	-1.10188	0.276781	0.846095	-1.1819	0.831121	0.96894	-1.03206	0.0772239	1.33676	1.33676	0.159228	1.2489	1.2489	0.00279686	1.83799	1.83799	3.16787	1.09513	0.307288	1
cg08803500	HOXC13	0.0595266	0.0414382	0.221944	-4.50565	0.0799518	0.288332	-3.46823	0.16478	0.387269	-2.58219	0.545021	1.48009	1.48009	?	?	?	0.942893	0.955178	-1.04693	0.0126944	0.137705	-7.26192	0.937504	0.951043	-1.05148	0.117391	2.97022	2.97022	3.21197	18.5274	5.76824	1
cg10309886	GNASAS	0.0595268	0.194242	0.734532	-1.36141	0.318879	0.793405	-1.26039	0.029657	0.562653	-1.77729	0.107525	0.673958	-1.48377	0.134572	0.695982	-1.43682	0.0628721	1.6002	1.6002	0.378362	0.816246	-1.22512	0.937389	1.01781	1.01781	0.0132604	0.501823	-1.99273	3.16786	2.53201	0.71047	1
cg16142965	JAG1	0.0595289	0.0159379	0.503692	-1.98534	0.545716	0.867553	-1.15267	0.00747065	2.22617	2.22617	0.265433	0.763641	-1.30952	0.555735	0.870691	-1.14851	0.491051	1.17648	1.17648	0.744897	1.07881	1.07881	0.43425	1.20369	1.20369	0.627726	0.892665	-1.12024	3.16782	2.70868	0.760056	1
cg10132694	LAIR1;LAIR1	0.0595318	0.0630675	0.243595	-4.10517	0.306791	0.489366	-2.04346	0.0392419	0.199622	-5.00946	0.827473	1.15885	1.15885	0.0253755	0.16612	-6.01975	0.273579	0.463202	-2.15889	0.00595787	0.0881481	-11.3445	0.163014	0.365755	-2.73407	0.0760283	0.263535	-3.79457	3.16776	22.8897	6.42298	1
cg17714987	PIGY;PIGY	0.0595319	0.334476	0.843947	-1.18491	0.207767	1.25409	1.25409	0.0387202	1.50386	1.50386	0.311149	1.19556	1.19556	0.229094	0.806437	-1.24002	0.173743	0.781389	-1.27977	0.0108606	0.579745	-1.7249	0.873837	1.02746	1.02746	0.428328	1.14778	1.14778	3.16775	1.45762	0.409016	1
cg23912098	MAML2	0.059532	0.0484154	0.359102	-2.78473	0.00492919	0.184254	-5.4273	0.0743609	0.405376	-2.46685	0.219293	0.556161	-1.79804	0.0613698	0.383944	-2.60455	0.108374	0.451378	-2.21544	0.0498612	0.362094	-2.76172	0.0475312	0.35724	-2.79924	0.179657	0.523486	-1.91027	3.16775	10.348	2.9037	1
cg19923683	NCK2;NCK2;NCK2	0.0595335	0.51189	0.778635	-1.2843	0.196377	1.67165	1.67165	0.309067	0.67304	-1.48579	0.850046	0.931286	-1.07378	0.0403065	0.410242	-2.43758	0.360653	0.70225	-1.42399	0.00246772	0.205288	-4.8712	0.722904	0.874668	-1.14329	0.249254	0.635755	-1.57293	3.16772	7.09755	1.99163	1
cg03785807	GBE1	0.0595339	0.01061	0.591594	-1.69035	0.199866	1.2476	1.2476	0.274618	1.20404	1.20404	0.768971	0.953027	-1.04929	0.351745	0.855094	-1.16946	0.196873	1.24966	1.24966	0.445013	0.880574	-1.13562	0.105765	1.33459	1.33459	0.0624743	1.40845	1.40845	3.16771	1.33868	0.375647	1
cg14446504	TSSC1	0.0595341	0.448586	0.817211	-1.22367	0.832413	0.946117	-1.05695	0.0612291	0.576189	-1.73554	0.0489989	1.79949	1.79949	0.449151	0.817424	-1.22335	0.15293	0.670253	-1.49197	0.00919912	2.37349	2.37349	0.920406	0.974213	-1.02647	0.774729	0.92774	-1.07789	3.16771	3.42776	0.961862	1
cg03493300	CNNM2;CNNM2	0.0595346	0.194644	0.482569	-2.07224	0.113283	2.4974	2.4974	0.120714	2.44432	2.44432	0.500309	0.695352	-1.43812	0.173348	0.463294	-2.15846	0.731303	0.832714	-1.20089	0.0798086	0.356145	-2.80785	0.0115219	5.35602	5.35602	0.911909	1.06053	1.06053	3.1677	14.15	3.97065	1
cg01149347	EPB41L5	0.0595353	0.482452	1.18321	1.18321	0.211204	1.364	1.364	0.908351	1.02751	1.02751	0.012742	0.482217	-2.07376	0.490352	0.8478	-1.17952	0.0224163	0.524856	-1.90529	0.0716466	1.60641	1.60641	0.816352	1.05635	1.05635	0.569633	1.14502	1.14502	3.16769	2.78619	0.781838	1
cg14428252	C14orf38	0.0595358	0.0309038	14.1428	14.1428	0.0367832	12.6264	12.6264	0.187234	4.31114	4.31114	0.674048	0.642613	-1.55615	0.0126863	25.49	25.49	0.997131	1.00377	1.00377	0.638883	1.63899	1.63899	0.0350836	13.021	13.021	0.0494013	10.4255	10.4255	3.16767	54.8228	15.384	1
cg14220272	PIGP;PIGP;TTC3;PIGP	0.0595362	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03825332	KCNJ5	0.0595402	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01047414	PHYH;PHYH;PHYH	0.0595406	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12896421	LXN;GFM1	0.0595415	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20951350	FNDC1	0.0595417	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07892734	MAGEL2	0.0595436	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07459652	TMEM181	0.059544	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg15386103	JUP;JUP	0.0595443	0.327051	0.83126	-1.2327	0.343562	0.837298	-1.22354	0.00378243	0.445804	-2.24314	0.0740647	0.662579	-1.50925	0.0306733	0.591565	-1.69043	0.127264	0.711058	-1.40835	0.324371	1.23423	1.23423	0.838987	0.958805	-1.04297	0.329219	0.81196	-1.23159	1.1675	2.14486	0.601907	1
cg13355312	NSL1;NSL1	0.0595444	0.0732817	1.21431	1.21431	0.0395798	0.793419	-1.26037	0.172337	0.868298	-1.15168	0.757491	1.03057	0.118443	1.17915	1.17915		0.263122	1.1201	1.1201	0.0140349	1.34293	1.34293	0.82398	1.02189	1.02189	0.775142	1.02824	1.02824	1.1675	0.474157	0.133062	1
cg04608330	NEL1;NEL2;NEL12-NEL1;2-NEL1;2 PCDHA6;PCDHA2;PCDHA1;PCDHA7;PCDHA12;PCDHA5;PCDHA9;PCDHA10;PCDHA3;PCDHA4;PCDHA8	0.0595445	0.256006	1.15926	1.15926	0.5223	1.08418	1.08418	0.503445	1.08831	1.08831	0.464465	1.09723	1.09723	0.924209	0.988211	-1.01193		0.60029	1.06811	1.06811	0.00592558	0.63852	-1.56612	0.184029	1.19201	1.19201	0.0259773	1.39012	1.39012	0.16748	0.779256	0.218682	1
cg11806680	A0;PCDHA3;PCDHA4;PCDHA8 CSTF1;AURKA;AURKA;AURKA;AURKA;CSTF1;AURKA;AURKA;AURKA;AURKA;AU	0.0595455	0.0322429	4.02315	0.00727817	6.83122	0.83122	2.61886	0.221988	2.83461	1.12306	1.43082	0.776427	1.72427		0.970863	1.02048	1.02048	0.0306584	0.45991	-2.17254	0.37153	2.79438	0.190546	2.69924	0.29204	2.37537	0.16747	15.4574	4.33782	1
cg27308355	RKA;AURKA;AURKA;AURKA;CST	0.0595462	0.951202	0.980698	-1.01968	0.0219721	0.254755	-3.92535	0.884191	1.04751	1.04751	0.457722	0.785965	-1.22732	0.163582	1.60096	1.60096	0.656389	1.15328	1.15328	0.521353	1.38172	1.38172	0.34485	1.36325	1.36325	0.409644	1.30807	1.30807	0.16746	0.508835	0.142795	1
cg08889789	MAEA;MAEA	0.0595481	0.985442	0.997106	-1.0029	0.223784	1.22509	1.22509	0.695001	0.939129	-1.06459	0.954916	1.00902	1.00902	0.0234428	1.53729	1.53729	0.0953115	1.33789	1.33789	0.0429481	1.44776	1.44776	0.00585417	1.77363	1.77363	0.792302	0.958948	-1.04281	0.16742	1.26568	0.355194	1
cg23532733	BCAR3	0.0595509	0.4599602	0.804232	-1.24373	0.0241528	1.35709	-1.35709	0.0344894	0.654093	-1.49314	0.322601	0.955119	-1.04709	0.0273373	0.844148	-1.18444	0.356551	0.880904	-1.13521	0.0279343	1.47734	1.47734	0.0791673	1.609263	-1.00476	0.152156	1.814551	-1.22767	0.16736	0.896946	0.251719	1
cg23695037	KIF26B	0.0595511	0.535774	0.749988	-1.33336	0.711957	1.18549	-1.18549	0.0359141	0.326351	-3.06419	0.84077	0.911837	-1.09669	0.12115	0.463584	-2.15711	0.794764	1.12705	1.12705	0.025001	0.363652	-2.74989	0.0114582	4.26943	4.26943	0.604074	1.27127	1.27127	0.16736	10.5596	2.96346	1
cg09542210	SHOX2;SHOX2;SHOX2 PACRG;PACRG;PACRG;PARK2;PARK2;PA	0.0595523	0.197796	0.524794	-1.90551	0.800332	0.886889	-1.12754	0.272	1.71872	1.71872	0.779562	1.14228	1.14228	0.346532	1.5827	1.5827	0.980246	1.0118	1.0118	0.667639	0.814972	-1.22704	0.00146281	8.81351	8.81351	0.695163	1.20506	1.20506	0.16733	11.2536	3.15824	1
cg24816866	RK2	0.0595523	0.0253056	2.361648	-4.23427	0.708736	0.815747	-1.22587	0.705494	0.813792	-1.22881	0.879902	0.921221	-1.08552	0.640319	0.137883	-7.25253	0.201494	0.480926	-2.07932	0.0149059	0.19691	-5.07846	0.219076	0.495861	-2.01669	0.140015	0.422437	-2.36722	0.16733	14.7749	4.14648	1
cg21979012	CYP8B1;CYP8B1	0.0595562	0.591547	1.15925	1.15925	0.0184448	2.18105	-2.18105	0.0265	0.826634	-1.24639	0.0917971	0.035341	-1.57396	0.0343657	0.675651	-1.48568	0.469243	-2.34476	0.355447	1.29605	1.29605	0.124027	0.635632	-1.57324	0.970042	0.989807	-1.0103	0.75422	1.08945	1.08945	0.493449	0.806451	-1.24	1.34571	1.33733	1.04774	1
cg11227604	PHIP	0.0595541	0.357857	1.14774	1.14774	0.459195	0.895987	-1.11609	0.230479	0.832495	-1.20121	0.713779	0.947731	-1.05515	0.929569	0.9872	-1.01297	0.986889	1.0024	1.0024	0.00656608	1.67276	1.67276	0.0159492	1.53733	1.53733	0.181573	1.22957	1.22957	0.16729	1.0653	0.298073	1
cg21722362	SEC11C	0.0595554	0.372056	1.09966	1.09966	0.819669	0.976608	-1.02395	0.0291883	1.30821	1.30821	0.950836	1.00441	1.00441	0.0121381	1.1963	1.1963	0.788613	0.972538	-1.02825	0.00770979	0.701271	-1.42596	0.40817	1.58108	1.58108	0.202198	1.14979	1.14979	0.16727	0.5190818	0.151375	1
cg02810194	TNNC2;TNNC2	0.0595566	0.622829	1.1675	1.1675	0.183462	0.802314	-1.24639	0.0179017	0.035341	-1.57396	0.0343657	0.675651	-1.48568	0.469243	-2.34476	0.355447	1.29605	1.29605	0.407891	1.14278	1.14278	0.282675	1.15041	1.15041	0.204979	0.809895	-1.23473	0.108444	0.753276	-1.32753	0.16724	1.24680	0.334994	1
cg10111067	STIM1	0.0595574	0.753112	1.08979	1.08979	0.0502845	0.570857	-1.75175	0.00476347	0.390032	-2.56389	0.506243	0.844145	-1.18463	0.824334	1.05744	1.05744	0.244171	1.35812	1.35812	0.193244	1.41324	1.41324	0.377737	1.2553	1.2553	0.341154	0.781592	-1.27944	0.16723	3.16588	0.888512	1
cg01285522	DOK4	0.0595588	0.816628	1.05127	1.05127	0.25437	1.2227	1.2227	0.648971	1.10055	1.10055	0.11367	0.170876	1.36869	1.36869	0.00565965	0.457768	2.18451	0.101282	0.679635	-1.47138	0.0954385	0.674576	1.48229	0.17607	0.733732	-1.36291	0.35919	0.816343	-1.22497	0.1672	2.32381	0.652188	1
cg03054684	MOBP;MOBP	0.0595602	0.0282457	2.242366	-4.126	0.374441	0.60726	-1.64674	0.295741	0.552538	-1.80983	0.981202	0.987192	-1.01297	0.759294	1.18312	1.18312	0.124539	0.402572	-2.48403	0.00265924	0.102918	-9.75146	0.272614	0.53454	-1.86776	0.579941	1.35781	1.35781	0.16717	15.0158	4.21428	1
cg12602896	CTDSPL;CTDSPL	0.0595619	0.0956219	0.838145	-1.3858	0.0758857	0.525573	-2.32822	0.0274	0.96829	1.36929	0.465612	0.617722	-1.61937	0.0881316	0.629707	-1.58824	0.665175	1.33141	1.33141	0.548454	0.673959	-1.48377	0.0938402	1.56471	1.56471	0.164454	0.743319	-1.34516	0.21322	0.549405	0.1672	0.5994	0.166355	1
cg10687936	ZNF148 ATP5S;ATP5S;ATP5S,ATP5S;C1HGDH;AT	0.0595615	0.0297875	0.123446	-8.10069	0.0181914	0.0957844	-10.4401	0.259031	0.38163	-2.62034	0.23299	0.359493	-2.78169	0.0207809	0.102614	0.74523	0.0988767	0.227582	4.39401	0.0191056	0.0982501	-10.1781	0.29428	0.410709	-2.43481	0.0394603	0.142463	-7.01938	0.16714	33.5679	9.42116	1
cg15383574	P5S;ATP5S	0.0595632	0.249141	0.841333	-1.18859	0.918067	0.98535	-1.01487	0.899191	0.987981	-1.01834	0.370697	0.878601	-1.13817	0.917605	0.985268	-1.01495	0.98231	1.00319	1.00319	0.0165563	1.90737	1.90737	0.962954	0.962954	-1.03847	0.178193	1.22775	1.22775	0.16711	1.0319	0.289617	1
cg00092644	SLC44A3;SLC44A3	0.0595634	0.1705	1.56083	1.56083	0.127727	0.605124	-1.65255	0.650616	1.14921	1.14921	0.0341401	2.12564	2.12564	0.142969	1.61641	1.61641	0.464239	1.2551	1.2551	0.0212215	2.32773	2.32773	0.0147345	2.4982	2.4982	0.333188	1.35592	1.35592	0.1671	4.66684	1.30981	1
cg11304283	PDLS	0.0595641	0.0188863	0.105219	-9.5047	0.0197436	1.07779	1.07779	0.245153	0.881453	-2.62156	0.0756213	0.776637	-1.2876	0.0092705	0.0728884	-13.7203	0.078668	0.203901	-4.90292	0.0213954	0.111707	-8.952	0.741554	0.760222	-1.30001	0.0894175	0.226573	-4.41359	0.16709	31.5256	8.84812	1
cg01307684	ANTXR2	0.0595642	0.0973534	0.271655	-3.68114	0.0225917	0.141423	-7.07099	0.0340181	0.169901	-5.88579	0.619473	0.143135	0.143135	0.143867	0.324697	1.07979	0.0944704	0.2675995	-3.73141	0.454574	0.579461	-1.72574	0.17113	0.29438	2.79438	0.190546	2.69924	0.29204	0.16708	25.7396	7.2242	1
cg25809066	ZNF324B	0.0595652	0.502739	1.08534	1.08534	0.0861701	0.795897	-1.25644	0.436179	0.908783	-1.10037	0.0361148	0.745686	-1.34105	0.0866041	0.796199	-1.25597	0.168393	1.19331	1.19331	0.182336	1.1858	1.1858	0.329133	1.12893	1.12893	0.0552868	1.29901	1.29901	0.16706	0.727186	0.204097	1
cg23860125	HPVC1	0.0595663	0.126432	1.30922	1.30922	0.0449872	0.7788	-1.28393	0.0833003	0.903	-1.10753	0.0466307	0.744797	-1.34264	0.0866041	0.796199	-1.25597	0.0236543	1.19636	1.19636	0.0170384	2.01451	2.01451	0.0124268	2.33679	2.33679	0.0551206	1.40421	1.40421	0.0090613	0.332391	-3.00851	0.516705	18.2158	5.1126	1
cg10002888	BAT2	0.0595665	0.0103866	0.229154	-4.36389	0.757326	0.868061	-1.15199	0.975974	0.986345	-1.01384	0.956491	0.975401	-1.02522	0.0399545	0.338265	-2.95626	0.0526467	0.365423	-2.73655	0.0120989	0.23975	-4.17101	0.358708	0.64997	-1.53853	0.0884056	0.423924	-2.35891	0.16704	0.435124	0.29394	1
cg27018502	CYB561;CYB561;CYB561	0.0595674	0.0956219	0.838145	-1.3858	0.0758857	0.525573	-2.32822	0.0274	0.96829	1.36929	0.465612	0.617722	-1.61937	0.0881316	0.629707	-1.58824	0.665175	1.33141	1.33141	0.548454	0.673959	-1.48377	0.0938402	1.56471	1.56471	0.164454	0.743319	-1.34516	0.21322	0.549405	0.1672	0.5994	0.166355	1
cg06733215	AAR5	0.0595701	0.572876	0.859669	-1.16324	0.8317	1.05811	1.05811	0.00320592	2.90876	2.90876	0.28015	1.34711	1.34711	0.473116	0.8239937	1.21368	0.4030321	1.796819	-1.25499	0.127897	0.646067	-1.54783	0.61537	1.14391	1.14391	0.175579	0.6823313	1.4656	1.36696	1.53311	0.991657	1
cg17480111	FBXL3	0.0595705	0.74245	0.883033	-1.13246	0.381183	0.712589	-1.40333	0.0796707	0.480087	-2.08296	0.456315	0.751103	-1.33138	0.0491939	0.428702	-2.33262	0.340107	0.690115	-1.44903	0.0033318	0.391249	-2.55592	0.0821216	0.483533	-2.06811	0.16695	7.13843	2.00359	1
cg17208631	C17orf104	0.0595708	0.0956219	0.838145	-1.3858	0.0758857	0.525573	-2.32822	0.0274	0.96829	1.36929	0.465612	0.617722	-1.61937	0.0881316	0.629707	-1.58824	0.665175	1.33141	1.33141	0.548454	0.673959	-1.48377	0.0938402	1.56471	1.56471	0.164454	0.743319	-1.34516	0.21322	0.549405	0.1672	0.5994	0.166355	1
cg03521090	ZNF610;ZNF610;ZNF610;ZNF610	0.0595745	0.286093	0.878514	-1.13829	0.990371	0.99859	-1.00141	0.609032	1.06217	1.06217	0.256979	1.14835	1.14835	0.125708	1.21377	1.21377	0.0831079	0.799058	-1.25147	0.00905544	1.47378	1.47378	0.0905971	0.80413	-1.24358	0.546513	0.93114	-1.07395	0.16687	0.685651	0.19244	1
cg21312144	MEMO1;MEMO1	0.0595759	0.0588863	0.839479	-1.19092	0.721105	1.07656	1.07656	0.0103	2.31272	2.31272	0.0139	1.92055	1.92055	0.0179579	0.0119576	2.92308	0.0616157	1.19232	1.19232	0.731831	1.32009	1.32009	0.0109	1.82494	1.82494	1.14483	0.0717795	1.18243	1.18243	1.18243	0.16684	0.348525	0.0978061	1
cg14539658	NDRG2;NDRG2;NDRG2;NDRG2	0.0595762	0.286846	0.584583	-1.71062	0.0319936	0.120188	-8.32029	0.428342	0.675362	-1.48069	0.589661	1.30252	1.30252	0.151179	0.435424	2.29661	0.30382	0.596324	-1.67694	0.395806	0.655653	-1.5252	0.115452	0.435743	-2.29493	0.362693	1.56917	1.56917	0.16683	11.8182	3.31722	1
cg26555756	C9orf41;NUP62CL;C9orf41	0.0595767	0.123845	0.31825	-3.14219	0.0693017	0.247575	-4.03917	0.900026	1.09018	1.09018	0.223304	2.40856	2.40856	0.115217	3.24315	3.24315	0.550658	0.660476	-1.51406	0.394949	0.54061	-1.81947	0.00798756	10.1364	10.1364	0.802445	1.18793	1.18793	0.16682	23.671	6.64417	1
cg00756032	MYF6	0.0595773	0.0485351	0.236429	-4.23155	0.0550828	0.151681	-6.59328	0.0558021	0.208481	-4.79541	0.148107	0.239326	-4.17845	0.0419797	0.169917	-5.88603	0.336455	0.27952	-3.57662	0.14695	0.540409	-1.85045	0.0913913	0.54054	14.054	0.0246838	0.242925	9.242925	0.16682	0.948525	0.0978061	1
cg04414459	LOC387646	0.0595789	0.822909	1.03641	1.03641	0.220268	1.22827	1.22827	0.830784	0.966454	-1.03471	0.50949	1.11265	1.11265	0.03405	1.48387	1.48387	0.412312	1.14308	1.14308	0.00174498	2.03802	2.03802	0.727046	0.945629	-1.0575	0.317228	1.17932	1.17932	0.16678	1.27646	0.358291	1
cg04609993	EPB41L2;EPB41L2;EPB41L2	0.0595791	0.3036919	0.615354	-1.62496	0.0158606	0.821774	-1.21688	0.0183371	0.38052	-2.62852	0.167727	1.23273	1.23273	?	0.0653966	1.54961	0.0127867	1.68298	1.68298	0.0534486	1.5651	1.5651	0.0116106	1.65377	1.65377	0.0044716	1.54734	1.54734	0.0573571	0.831902	-1.20224	0.16672	0.83552	0.2	1
cg05874355	NUMA1	0.0595799	0.0376067	0.308546	0.308546	0.0317808	0.24028	0.24028	0.171628	1.97348	1.97348	0.0900815	2.39321	2.39321	0.586634	0.77379	-1.29234	0.773284	0.873779	-1.14445	0.0415614	2.99717	2.99717	0.0230877	3.55766	3.55766	0.0476675	2.88033	2.88033	0.16676	10.9439	3.07187	1
cg00756032	MYF6	0.0595799	0.0485351	0.236429	-4.23155	0.0550828	0.151681	-6.59328	0.0558021	0.208481	-4.79541	0.148107	0.239326	-4.17845	0.0419797	0.169917	-5.88603	0.336455	0.27952	-3.57662	0.14695	0.540409	-1.85045	0.0913913	0.54054	14.054	0.0246838	0.242925	9.242925	0.16682	0.948525	0.0978061	1
cg04144459	LOC387646	0.0595799	0.822909	1.03641	1.03641	0.220268	1.22827	1.22827	0.830784	0.966454	-1.03471	0.50949	1.11265	1.11265	0.03405	1.48387	1.48387	0.412312	1.14308	1.14308	0.00174498	2.03802	2.03802	0.727046	0.945629	-1.0575	0.317228	1.17932	1.17932	0.16678	1.27646	0.358291	1
cg04609993	EPB41L2;EPB41L2;EPB41L2	0.0595791	0.3036919	0.615354	-1.62496	0.0158606	0.821774	-1.21688	0.0183371	0.38052	-2.62852	0.167727	1.23273	1.23273	?	0.0653966	1.54961	0.0127867	1.68298	1.68298	0.0534486	1.5651	1.5651	0.0116106	1.65377	1.65377	0.0044716	1.54734	1.54734	0.0573571	0.831902	-1.20224	0.16672	0.83552	0.2	1
cg05874355	NUMA1	0.0595799	0.0376067	0.308546	0.308546	0.0317808	0.24028	0.24028	0.171628	1.97348	1.97348	0.0900815	2.39321	2.39321	0.586634	0.77379	-1.29234	0.773284	0.873779	-1.14445	0.0415614	2.99717	2.99717	0.0230877	3.55766	3.55766	0.0476675	2.88033	2.88033	0.16676	10.9439	3.07187	1
cg01056155	RTF1;RTF1;RTF1;RTF1	0.0595814	0.377609	0.871469	-1.14749	0.0194696	0.67265	-1.59122	0.0151266	0.63535	-1.57394	0.4081	1.13721	1.13721	0.631385	0.929581	-1.07575	0.07356	0.312804	3.19654	0.0427157	0.07556	13.2356	1.20641	0.710205	1.40486	1.05836	0.16673	1.15816	0.325093	1
cg14533860	QRICH1;QRICH1	0.0595836	0.200622	0.848555	-1.13051	0.0750732	1.19708	1.19708	0.464693	0.934811	-1.6973	0.0717843	0.833252	1.20012	0.402704	1.23568	1.23568	0.850832	1.01723	1.01723	0.0205427	1.32438	1.32438	0.0145205	1.69238	1.69238	0.0932836	1.072	1.072	0.16672	0.340821	0.115935	1
cg02636461	HAS3;HAS3	0.0595853	0.746199	1.06416	1.06416	0.0267766	0.605074	-1.65269	0.0221507	0.591435	-1.6908	0.195758	0.769533	-1.29949	0.174076	0.758154	-1.31899	0.0192227	0.581386	-1.72003	0.28982	1.23413	1.23413	0.0938858	0.702776	-1.42293	0.858297	1.03481	1.03481	0.16665	1.83874	0.516141	1
cg01056155	RTF1;RTF1;RTF1;RTF1	0.0595814	0.377609	0.871469	-1.14749	0.0194696	0.67265	-1.59122	0.0151266	0.63535	-1.57394	0.4081	1.13721	1.13721	0.631385	0.929581	-1.07575	0.07356	0.312804	3.19654	0.0427157	0.07556	13.2356	1.20641	0.710205	1.40486	1.05836	0.16673	1.15816	0.325093	1
cg14533860	QRICH1;QRICH1	0.0595836	0.200622	0.848555	-1.13051	0.0750732	1.19708	1.19708	0.464693	0.934811	-1.6973	0.0717843	0.833252	1.20012	0.402704	1.23568	1.23568	0.850832	1.01723	1.01723	0.0205427	1.32438	1.32438	0.0145205	1.69238	1.69238	0.0932836	1.072	1.072	0.16672	0.340821	0.115935	1
cg02636461	HAS3;HAS3	0.0595853	0.746199	1.06416	1.06416	0.0267766	0.605074	-1.65269	0.0221507	0.591435	-1.6908	0.195758	0.769533	-1.29949	0.174076	0.758154	-1.31899	0.0192227	0.581386	-1.72003	0.28982	1.23413	1.23413	0.0938858	0.702776	-1.42293	0.858297	1.03481	1.03481	0.16665	1.83874	0.516141	1
cg23860125	SPTBN1;SPTBN1	0.0595864	0.241886	0.774075	-1.29182	0.0554482	1.59261	1.59261	0.0609701	2.04803	2.04803	0.163279	1.82797	1.82797	0.121095	0.937451	-1.06643	0.669364	1.09431	1.09431	0.0148	1.42186	1.42186	0.12105	1.41114	1.41114	0.165917	1.738837	1.738837	0.16662	2.01042	0.590808	1
cg08037541	SP2	0.0595873	0.0121141	0.721265	-1.38645	0.510982	0.932717	-1.07214	0.0252568	1.32055	1.32055	0.614146	1.05455	1.05455	0.537069	0.936788	-1.06748	0.062134	0.802999	-1.24533	0.489962	0.929355	-1.07602	0.69374	0.959496	-1.04221	0.100047	0.828395	-1.20751	0.1666	0.54739	0.153656	1
cg00750399	HS12	0.0595875	0.835495	0.940825	-1.06319	0.0240108	0.445402	-2.19949	0.0259944	0.460472	-2.17169	0.377118	1.30455	1.30455	0.282634	1.55022	1.55022	0.677969	0.884712	-1.13051	0.0695112	0.551252	-1.81405	0.0890974	1.7333	1.7333	0.0806617	0.56648	-1.76529	0.1666	4.31569	1.21145	1
cg19936194	ATP1B3	0.0595881	0.214079	1.13111	1.13111	0.0497382	0.80868	-1.23506	0.0619433	1.01565	1.01565	0.0749516	1.2057	1.2057	0.262327	0.82447	-1.21314	0.524567	1.1005	1.1005	0.0185518	0.595149	-1.68006	0.0114205	1.57933	1.57933	0.919379	1.00959	1.00959	0.16659	0.446154	0.125239	1
cg14102832	RTBDN	0.0595887	0.0475028	0.573586	-1.74342	0.352822	1.26419	1.26419	0.174565	1.42491	1.42491	0.0502721	0.578556	-1.72844	0.0113131	0.459436	-2.17658	0.743187	1.08395	1.08395	0.177255	0.703537	-1.42139	0.375304	0.80002	-1.24997	0.537955	1.16523	1.16523	0.16657	3.01536	0.846441	1
cg06606403	SOX12	0.0595888	0.0220744	0.284888	-3.51606	0.0260406	0.821774	-1.21688	0.0183371	0.38052	-2.62852	0.167727	1.23273	1.23273	?	?	?	0.0232178	2.14155	2.14155	0.0864164	0.494674	-2.02153	0.859992	0.936501	-1.0678	0.467441	0.774519	-1.29172	2.12654	0.16656	0.943488	0	1
cg03311064	EIF4EBP3;ANKHD1;ANKHD1 ANKHD1	0.0595908	0.0146078	0.156432	-6.39255	0.726042	1.20676	1.20676	0.190218	2.15556	2.15556	?	?	?	0.141848	2.41942	2.41942	0.0960076	0.354233	-2.823	?	?	?	?	?	?	0.569466	1.36135	1.36135	4.51879	12.4326	2.29277	1
cg08515869	MIR573	0.0595912	0.0311516	0.623631	-1.60351	0.321114	1.21091	1.21091	0.406082	1.17196	1.17196	0.464493	0.870239	-1.14911	0.0176108	0.583239	-1.71456	0.392722	0.849198	-1.17758	0.226665	0.789004	-1.26742	0.69026	1.07578	1.07578	0.0145916	0.570326	-1.75338	0.16652	1.74795	0.490675	1
cg17658733	PIKS16	0.0595921	0.203339	1.83427	1.83427	0.00583686	5.10777	5.10777	0.893596	0.941331	-1.06233	0.028662	3.20979	3.20979	0.40147	0.678433	-1.47398	0.486941	0.726794	-1.37591	0.479749	0.722834	-1.38344	0.0957682	2.28553	2.28553	0.336565	1.56463	1.56463	0.1665	10.2365	2.87354	1
cg08103220	FLYWCH1;FLYWCH1 GPN3;GPN3;C12orf24;GPN3;GPN3;C12	0.0595926	0.6134251	1.08503	0.183503	0.180903	0.685827	-1.45809	0.0311457	0.454174	-2.2018	0.236586	0.719482	-1.38989	0.221085	0.929581	-1.07575	0.114648	0.61304	-1.63154	0.0152649	0.575872	-1.74316	0.0129197	0.640752	-1.56085	0.0140677	0.447201	-2.23613	0.1665	3.5345	0.992193	1
cg15901862	orf24	0.0595926	0.0115269	0.311338	-3.21401	0.0461757	0.435223	-2.29767	0.27581	0.665961	-1.50158	0.160847	1.71484	1.71484	0.167787	0.580085	-1.69755	0.872123	1.0591	1.0591	0.159417	1.71851	1.71851	?	0.810303	1.08952	1.08952	1.46196	1.46196	0.66121	1.53195	1
cg20667008	ADAM12;ADAM12	0.0595937	0.385782	1.40355	1.40355	0.0143433	0.316312	-3.16143	0.0762689	0.471418	-2.12126	0.916076	1.04101	1.04101	0.0104675	0.292699	-3.41648	0.345659	1.44818	1.44818	0.131809	0.537833	-1.85931	0.373364	0.705802	-1.41683	0.504336	0.77234	-1.29477	1.16647	7.29035	2.04654	1
cg19149474	XK	0.0595949	0.0267582	0.491169	-2.03596	0.745893	1.09209	1.09209	0.58747	1.15997	1.15997	0.0403238	1.88972	1.88972	0.0115543	0.436938	-2.28865	0.903527	1.0334	1.0334	0.625164	1.1427	1.1427	0.655092	0.885318	-1.12954	0.0163783	0.670751	-1.49087	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg23629032	RNF160	0.0596617	0.0572616	0.363376	-2.75197	0.6440994	0.336668	-2.970328	0.0121459	0.226642	4.3546	0.466127	0.705345	-1.41775	0.0108354	0.221782	-4.50894	0.156233	0.489736	-2.04192	0.644304	0.337124	-2.96226	0.833403	0.90562	-1.03422	0.22428	0.548354	-1.82364	1.34698	11.304	1.31859	1
cg19777783	SLC15A4	0.0596682	0.21574	1.4953	1.4953	0.4134659	2.539335	2.539335	0.298855	1.394446	1.394446	0.027494	2.23768	2.23768	0.120019	0.594034	-1.6834	0.711494	0.89162	-1.12155	0.0976559	0.570537	-1.75273	0.951401	0.983355	-1.019	-0.797755	1.08252	1.68293	4.77972	1.34241	1
cg17771515	CNKSR3	0.059669	0.00581297	0.454815	-2.19869	0.0436166	0.602917	-1.6585	0.292596	0.78809	-1.26889	0.403743	0.829984	-1.20484	0.0518785	0.617248	-1.62009	0.083296	0.658259	-1.51916	0.684947	0.914878	-1.09304	0.200953	1.34257	1.34257	0.223666	0.756665	-1.32159	1.16491	2.38444	0.669648	1
cg07234102	UNC5C	0.059567	0.128839	0.754232	-1.32589	0.236215	1.23778	1.23778	0.0032838	0.99079	1.99079	0.864796	1.02973	1.02973	0.074053	0.994426	-1.00561	0.335907	0.843211	-1.18594	0.847381	0.967384	-1.03372	0.326329	0.840155	-1.19026	0.16168	1.29284	1.29284	3.16869	1.48061	0.415845	1
cg24327836	AGPAT6	0.0596719	0.5015666	0.684765	-1.46036	0.0319814	0.435442	4.035342	0.185729	0.45886	-2.19331	0.191318	0.463905	-2.15561	0.727061	0.82321	-1.21476	0.549175	0.714273	-1.40003	0.0550243	0.127396	-7.84954	0.568311	0.726039	-1.37734	0.176645	0.45049	-2.21981	1.66485	15.4496	4.33923	1
cg00117463	CSorf37;CSorf97	0.059672	0.411247	1.17567	1.17567	0.233327	1.10004	1.10004	0.0143347	1.78876	1.78876	0.132103	1.36756	1.36756	0.547527	0.889332	-1.12438	0.691678	1.0798	1.0798	0.9627358	0.992345	-1.00782	0.0196653	1.72075	1.72075	0.008825	1.874908	1.87498	1.85941	0.522241	1
cg07190763	RASA3	0.0596724	0.0837707	0.396092	-2.52467	0.00614561	0.177284	-5.64067	0.0310808	0.29384	-3.40321	0.1772	0.499525	-2.0019	0.0392416	0.315224	-3.17234	0.216298	0.532761	-1.87701	0.0222911	0.26567	-3.76406	0.451175	0.689687	-1.44993	0.377929	0.645446	-1.54932	1.66484	11.7392	3.2971	1
cg07915206	AVEN;CHRM5	0.0596759	0.0265428	0.180919	-5.52732	0.0459599	0.252348	-4.49354	0.7657891	0.829453	-1.2144	0.13453	0.339127	-2.94874	0.0512454	0.284231	-4.29211	0.0509099	0.233963	-4.27438	0.0312121	0.198174	-5.04608	0.225438	0.437008	-2.28829	0.16477	0.21925	5.95234	1			1
cg20663852	ATP9A	0.0596769	0.0073681	0.119251	8.67668	0.00931083	0.126595	-7.87708	0.0563338	0.258715	-1.86526	0.0362428	0.217959	-4.58802	0.733543	0.807526	-1.23835	0.578878	0.70143	-1.42017	0.443426	0.613923	-1.62887	0.726506	0.622606	0.451812	-2.21331	1.36474	19.6199	5.5107	1
cg17382950	C15orf42	0.0596779	0.443965	1.13197	1.13197	0.00459922	0.549307	-1.82047	0.0980211	0.749554	-1.33413	0.355847	0.859976	-1.16282	0.986774	1.00264	1.00264	0.974693	1.00505	1.00505	0.211542	1.23251	1.23251	0.0717138	0.726597	-1.37628	0.115346	0.761923	-1.31247	1.16472	1.26451	0.355167	1
cg09323775	PALLD;PALLD;PALLD	0.0596785	0.653633	1.11288	1.11288	0.0938222	0.189092	-2.11404	0.0236133	0.906062	-1.10104	0.0225217	0.526313	-1.90066	0.737617	0.970775	-1.03025	0.115683	1.46542	1.46542	0.0134497	1.13953	1.13953	0.0124254	0.972365	-1.48508	0.10028	0.652879	-1.53168	1.16471	2.83038	0.789367	1
cg12572049	PRDM8	0.0596786	0.976506	1.00597	1.00597	0.00159988	0.249548	2.492451	0.142511	1.1715	1.1715	0.816203	0.954062	-1.04815	0.528458	0.879082	-1.13755	0.819231	0.755099	-1.32433	0.26619	0.126365	2.36265	0.732496	0.933047	-1.07176	0.769491	1.06115	1.06115	1.36471	0.24078	0.574329	1
cg16927811	FGF6	0.0596788	0.231546	1.70585	1.70585	0.0836018	2.516603	2.516603	0.983211	1.008398	-1.00839	0.249632	1.666891	1.666891	0.0136227	0.723599	-3.65498	0.299022	0.502986	-1.98936	0.0663582	0.437092	-2.39761	0.95048	0.674466	-1.48265	0.330258	0.664395	-1.5470	1.16471	0.91868	2.53897	1
cg13526071	NOP58	0.0596798	0.851965	1.08989	1.08989	0.0990976	0.429531	-2.32812	0.0315347	0.312892	-3.196	0.0541369	0.365276	-2.73765	0.00699829	0.200482	4.98799	0.344753	0.638647	-1.56581	0.0885994	0.420814	-2.37634	0.951386	1.02849	1.02849	0.0450052	0.346471	-2.88624	1.16468	10.6412	2.98886	1
cg14838600	PRKAG2;PRKAG2 KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.0596804	0.130858	0.453241	-2.20633	0.697987	0.827657	-1.20823	0.149627	0.470622	-2.11572	0.316337	1.65289	0.165289	0.0185265	0.117251	-8.52871	0.556044	0.749123	-1.33489	0.35908	0.632899	-1.58003	0.218507	0.533744	-1.87356	0.137238	0.460018	-2.17383	1.16467	11.7942	3.31275	1
cg26037945	KCNIP2;KCNIP2	0.0596805	0.1142631	0.51042	-1.95917	?	?	?	0.183661	1.73709	1.73709	0.629219	0.826578	-1.20981	0.120534	0.517263	-1.93325	0.0712961	0.454477	-2.20033	0.00545295	0.239048	-4.18326	0.718194	0.867733	-1.15243	0.19475	0.584523	-1.7108	3.20869	6.92288	2.15754	1
cg09656568	WHSC1;WHSC1;WHSC1;WHSC1	0.0596823	0.0298624	0.213766	4.67755	0.0846623	0.35506	-1.35506	0.553303	0.559426	-1.6008	0.619604	0.923904	-1.083	0.0272859	0.659563	-1.51616	0.300112	0.842749	-1.18659	0.0396576	0.149732	1.49722	0.427012	0.878781	-1.13794	0.0922554	0.744341	-1.34347	1.16463	1.27236	0.357382	1
cg16288099	NTSDC1;COL10A1	0.0596836	0.19888	2.732571	1.36506	0.0242716	0.540334	-1.85071	0.0239121	0.539175	-1.85469	0.0215009	0.218442	-4.58034	0.0178544	0.362131	-2.76543	0.353224	0.803354	-1.24478	0.0380304	0.73549	-1.75149	0.758581	0.931774	-1.07322	0.302341	1.27753	1.27753	1.66451	2.63351	0.739713	1
cg08656585	SMTN;SMTN;SMTN	0.0596847	0.0744837	1.8774	1.8774	0.0974494	1.77975	1.77975	0.0461891	2.06283	2.06283	0.0764682	1.86765	1.86765	0.0850956	1.82847	1.82847	0.0170281	2.51483	2.514831	0.0205143	2.42249	2.42249	0.0198782	2.43782	2.43782	0.36057	1.34708	1.34708	1.84558	5.035992	1.41452	1
cg24723126	CAV2;CAV2	0.0596862	0.587286	0.866183	-1.12488	0.0283189	0.506092	-1.97267	0.0229972	0.490165	-2.04013	0.445768	0.851916	-1.17382	0.0439425	0.361677	-2.76	0.549565	1.17201	1.17201	0.7180205	0.696735	1.10268	0.707851	0.933674	-1.07139	0.499375	0.835486	-1.19691	1.16455	3.44396	0.967372	1
cg22975853	ADAM12;ADAM12	0.0596889	0.293052	0.6912	-1.44676	0.0881042	0.189126	1.89126	0.702978	1.13851	1.13851	0.524513	0.803831	-1.24404	0.0482965	0.282024	-3.5458	0.177341	0.615421	-1.6249	0.0393391	0.447527	-2.2345	0.985778	0.993983	-1.00605	0.564714	0.8211	-1.21788	1.1645	7.54283	1.61397	1
cg07372251	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0596909	0.101888	0.472628	-2.60883	0.0336297	0.845807	-1.18762	0.6642545	0.778254	1.28446	0.0209318	0.126553	2.23655	0.0127502	0.409523	-2.44287	0.313328	0.68708	-1.45553	0.0665782	0.437092	-2.39761	0.95048	0.674466	-1.48265	0.330258	0.664395	-1.54704	1.16471	0.91868	2.53897	1
cg03875235	MUPCDH;MUPCDH	0.0596909	0.0532419	0.453845	-2.20339	0.300842	0.680005	-1.47058	0.987263	1.00576	1.00576	0.728303	1.13366	1.13366	0.0262482	0.387367	-2.58153	0.378524	0.722515	-1.38405	0.00422818	0.252157	-3.96578	0.409413	0.35459	1.35459	0.778363	0.903477	1.10684	1.16445	0.48573	1.82183	1
cg06424110	BICC1	0.0596918	0.0421025	0.610772	-1.63915	0.0161136	0.537216	-1.86145	0.324512	0.85028	-1.17626	0.509161	1.15179	1.15179	0.0550264	0.463239	-2.15871	0.763059	0.938191	-1.06588	0.831814	0.956113	-1.0459	0.159144	0.874414	-1.14756	0.128074	0.706698	-1.41503	1.16443	2.23178	0.626905	1
cg02182440	OC;SCOC	0.0596923	0.0235167	0.273915	-3.65076	0.240813	1.80001	1.80001	0.504561	1.38284	1.38284	0.947296	0.338773	-2.95183	0.0145258	0.236651	-4.22563	0.105031	0.428322	-2.33469	0.233888	0.550258	-1.81733	0.802798	0.887321	-1.12724	0.143011	0.470722	-2.1244	1.16443	11.4831	3.22562	1
cg04260867	ZBTB8A	0.0596948	0.0466627	0.317476	-3.14995	0.0779766	0.277341	-3.59918	0.1183691	0.444545	-2.18407	0.133885	0.499533	-2.00187	0.127154	0.640387	-1.56063	0.179504	0.543811	-1.83887	0.0178515	0.292232	-3.42194	0.0089463	0.241552	-4.13989	0.113243	0.476285	-2.09959	0.56437	0.9463	0.05699	1
cg05691152	TRIOBP	0.0596953	0.0752979	0.596092	-1.69293	0.533197	1.28168	1.28168	0.0359559	1.91293	1.91293	0.321708	1.31279	1.31279	0.909194	0.996977	0.00303	0.0522016	1.17689	1.17689	0.172143	0.67953	-1.4716	0.100019	0.6193337	-1.61463	0.114663	1.57837	1.57837	1.36436	3.54182	0.99492	1
cg06753376	ANKRD26;ANKRD26	0.0596957	0.0358994	0.304823	-3.28059	0.0561218	2.04102	2.04102	0.185485	1.58889	1.58889	0.557342	1.21618	1.21618	0.299544	0.659817	-1.51557	0.400808	0.753053	-1.32793	0.602597	0.840935	-1.18915	0.160366	0.609812	-1.63985	0.811909	0.924392	-1.08179	0.16436	5.45075	1.53115	1
cg06496329	CACNA1D;CACNA1D;CACNA1D	0.0596962	0.0404632	0.262677	-3.80676	0.0795	0.347459	-2.87548	0.1452662	0.722091	-1.38452	0.0215091	0.195301	-5.12182	0.0215509	0.313964	-3.18543	0.0709781	0.422929	-2.36479	0.0172373	0.15364	-6.50951	0.0100112	0.211339	-4.73115	0.0373365	0.134096	-7.45613	0.126257	0.388374	0.0	1
cg17546662	C5orf70	0.0596962	0.28815	1.39641	1.39641	0.147595	1.60158	1.60158	0.6403	1.13189	1.13189	0.356975	1.33224	1.33224	0.284208	1.40054	1.40054	0.0035524	0.303111	-3.30785	0.200533	1.50591	1.50591	0.237633	1.45439	1.45439	0.889602	1.04295	1.04295	1.36434	1.59483	1.29072	1
cg12181201	OSBPL6	0.0596967	0.812796	1.07995	1.07995	0.347457	1.38507	1.38507	0.0358544	1.88724	1.88724	0.339961	1.82873	1.82873	0.0662924	0.684353	-1.46112	0.270664	0.754	1.32626	0.0292027	0.710909	1.40706	0.0139753	0.729539	1.37077	0.0292027	0.710909	1.40706	0.0139753	0.729539	1.37077	1
cg27047671	RAD51L1	0.0596978	0.4654584	0.729586	-1.37064	0.00285237	0.175051	-5.71263	0.0405881	0.36655	-2.72814	0.54496	0.770515	-1.29783	0.1014	0.467077	2.14098	0.158732	0.527614	-1.89533	0.0357238	0.354406	-2.82162	0.113437	0.481379	-2.07737	0.294901	0.630612	-1.58576	1.16431	0.02828	2.53614	1
cg13112249	FBXO7;FBXO7	0.0596985	0.0254467	0.743892	-1.34428	0.0220269	1.35793	1.35793	0.657942	0.955142	-1.05093	0.093956	1.22772	1.22772	0.270818	1.03308	1.03308	0.32074	0.801998	-1.12108	0.1924	0.857527	-1.16614	0.295356	1.1285	1.1285	0.197401	1.16392	1.16392	1.6343	0.621957	0.174715	1
cg22531455	B4GALT4;B4GALT4	0.0596985	0.4363615	1.13482	1.13482	0.0948307	0.843017	-1.18762	0.6642545	0.778254	1.28446	0.0209318	0.126553	2.23655	0.0127502	0.409523	-2.44287	0.313328	0.68708	-1.45553	0.0665782	0.437092	-2.39761	0.95048	0.674466	-1.48265	0.330258	0.664395	-1.54704	1.16471	0.91868	2.53897	1
cg02834765	GBA;GBA;GBA;GBA	0.0597012	0.808477	1.06592	1.06592	0.215085	0.709613	-1.40922	0.00405847	2.75714	2.75714	0.488542	1.20318	1.20318	0.532091	1.18101	1.18101	0.945465	1.01815	1.01815	0.0453742	0.546958	-1.82829	0.799073	1.06935	1.06935	0.193683	1.43551	1.43551	1.16424	3.46302	0.972821	1
cg10946191	HOXC4	0.0597018	0.578282	1.1488	1.1488	0.0283189	0.506092	-1.97267	0.0229972	0.490165	-2.04013	0.445768	0.851916	-1.17382	0.0439425	0.361677	-2.76	0.549565	1.17201	1.17201	0.7180205	0.696735	1.10268	0.707851	0.933674	-1.07139	0.499375	0.835486	-1.19691	1.16455	3.44396	0.967372	1
cg08930131	COL23A1	0.059704	0.0265138	0.715228	0.715228	0.0167356	0.887425	0.887425	0.028355	0.93101	0.93101	0.243662	2.49697	2.49697	0.732112	1.29311	1.29311	0.0564335	0.1016	0.1016	0.0533019	0.516836	0.516836	0.028051	0.96604	0.96604	0.127867	1.42606	1.42606	1.34268	28.0435	7.87805	1
cg05324992	CYTSB;CYTSB	0.0597047	0.869886	0.96541	-1.03583	0.862005	1.03807	1.03807	0.58748	1.12481	1.12481	0.729461	1.0774	1.0774	0.0264181	1.75986	1.75986	0.59379	1.13128	1.13128	0.00165947	2.62832	2.62832	0.738341	0.930541	-1.07464	0.681631	1.09261	1.09261	1.16417	2.31067	0.649122	1
cg07493097	UPP2;UPP2	0.0597054	0.5823641	1.12164	1.12164	0.0707312	0.13112	2.6004859	0.1789761	2.33750	2.33750	0.0112164	1.3858	1.3858	0.0497622	1.21049	-2.45451	0.0234567	1.79449	1.79449	0.0170455	2.32222	2.32222	0.164515	0.84306	0.84306	0.193184	1.18953	1.18953	1.16424	0.83169	0.178435	1
cg02430692	PEXSL SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SY	0.0597057	0.229325	0.774397	-1.29133	0.916889	0.979091	-1.02136	0.540239	1.13792	1.13792	0.0362729	0.63792	1.63792	0.0071202	2.02297	2.02297	0.177691	1.33687	1.33687	0.277677	0.795479	-1.2571	0.0264114	1.50069	1.50069	0.784823	1.05704	1.05704	1.16415	2.05867	0.578331	1
cg12122558	NRG;SYNRG	0.0597064	0.1196692	1.53239	1.53239	0.0885352	0.621873	-1.60804	0.118146	1.5356	1.5356	0.958102	0.986806	-1.01337	0.00930434	2.30274	2.30274	0.35446	0.785974	-1.27231	0.13252	0.663195	-1.50785	0.841429	0.95062	-1.05194	0.383215	1.25365	1.25365	1.16413	3.20277	0.899744	1
cg26907454	RAB33A	0.0597067	0.187103	0.575785	-1.75375	0.0286788	0.277341	-3.59918	0.1183691	0.444545	-2.18407	0.133885	0.499533	-2.00187	0.127154	0.640387	-1.56063	0.179504	0.543811	-1.83887	0.0178515	0.292232	-3.42194	0.0089463	0.241552	-4.13989	0.113243	0.476285	-2.09959	0.56437	0.9463	0.05699	1
cg07828804	DLR1	0.0597073	0.438454	1.1905	1.1905	0.126806	1.79326	1.79326	0.0475641	0.849181	-1.17761	0.683366	0.732604	-1.36499	0.0299001	0.569328	-1.75646	0.373926	0.763152	-1.31049	0.122309	0.728365	-1.37283	0.281736	1.28236	1.28236	0.180097	1.53484	1.53484	1.6641	2.43961	0.685357	1
cg02637654	SLC16A14	0.0597081	0.1034496	0.780073	-1.28193	0.945114	0.990443	-1.00965	0.0102295	0.636637	-1.57075	0.0387313	0.716342	-1.39637	0.749122	1.04577	1.04577	0.0592749	0.743037	-1.34583	0.630555	1.06093	1.06093	0.993315	0.998832	-1.00117	0.0247271	0.688704	-1.452	1.6641	0.974955	0.273894	1
cg26907045	MYBPC3	0.0597085	0.0460626	0.327406	-3.05351	0.0393447	0.4758	-2.10122	0.2953	0.741938	-1.34805	0.0215091	0.195301	-5.12182	0.0215509	0.313964	-3.18543	0.0709781	0.422929	-2.36479	0.0172373	0.15364	-6.50951	0.0100112	0.211339	-4.73115	0.0373365	0.134096	-7.45613	0.126257	0.388374	0.0	1
cg25861066	LOC285954	0.0597108	0.2609979	0.510422	-1.95916	0.0594666	0.287842	-3.47413	0.0247202	0.208975	-4.78526	0.860301	0.902004	-1.10864	0.0441455	0.258242	-3.87234	0.01788	1.85407	-5.39353	0.0310375	0.227141	-4.40256	0.438035	0.629302	-1.58906	0.0260644	0.213077	-4.69314	1.16404	17.1776	4.82577	1
cg01445824	PCYOX1L	0.0597118	0.146496	0.780476	-1.28127	0.652562	1.07473	1.07473	0.783807	0.957218	-1.04449	0.648513	0.929616	-1.07569	0.0826698	0.736709	-1.35739	0.443802	0.603641	-1.65661	0.0144197	0.738629	-1.35386	0.0442224	0.4284	-2.3344	0.0105945	0.162564	-6.15201	1.16404	1.62635	0.0	1
cg19194835	KIAA0427;KIAA0427	0.0597147	0.158244	1.84983	1.84983	0.063169	2.34668	2.34668	0.102109	2.07417	2.07417	0.211123	1.71126	1.71126	0.246213	1.61968	1.61968	0.10226	2.07338	2.07338	0.0586852	4.358	4.358	0.669614	1.19127	1.19127	0.0996379	3.80195	3.80195	1.16396	8.33196	2.3408	1
cg16638793	GLB1L3	0.0597148	0.1113533	0.646059	-1.54787	0.0907502	0.142442	2.131196	0.204062	1.58109	-1.58109	0.175735	0.640201	1.56957	0.0208662	0.264127	-3.78504	0.0290078	0.773733	-1.29255	0.0464857	0.23541	2.33541	0.0438864	1.26248	1.26248	0.0116557	1.3765	1.3765	1.16425	4.76453	1.14737	1
cg14482313	KRT7	0.0597178	0.0379735	0.25496	0.25496	0.078451	13.6916	13.6916	0.162996	7.34108	7.34108	0.110643	10.2484	10.2484	0.0335491	27.7731	27.7731	0.068708	15.2956	15.2956	0.0282628	32.0503	32.0503	0.0137435	59.0304	59.0304	0.046495	21.1679	21.1679	1.1639	89.801	25.2294	1
cg23144395	CSorf59	0.059748	0.10448	0.35538	-2.81389	0.052073	3.51651	3.51651	0.116914	2.69926	2.69926	0.969868	1.03116	1.03116	0.0445839	0.635905	-1.57308	0.0234567	1.79449	1.79449	0.0170455	2.32222	2.32222	0.164515	0.84306	0.84306	0.193184	1.18953	1.18953	1.16424	0.83169	0.178435	1
cg08930131	COL23A1	0.059704	0.0265138	0.715228	0.715228	0.0167356	0.887425	0.887425	0.028355	0.93101	0.93101	0.243662	2.49697	2.49697	0.732112	1.29311	1.29311	0.0564335	0.1016	0.1016	0.0533019	0.516836	0.516836	0.028051	0.96604	0.96604	0.127867	1.42606	1.42606	1.34268	28.0435	7.87805	1
cg05324992	CYTSB;CYTSB	0.0597047	0.869886	0.96541	-1.03583	0.862005	1.03807	1.03807	0.58748	1.12481	1.12481	0.729461	1.0774	1.0774	0.0264181	1.75986	1.75986	0.59379	1.13128	1.13128	0.00165947	2.62832	2.62832	0.738341	0.930541	-1.07464	0.681631	1.09261	1.09261	1.16417	2.31067	0.649122	1
cg07493097	UPP2;UPP2	0.0597054	0.5823641	1.12164	1.12164	0.0707312	0.13112	2.6004859	0.1789761	2.33750	2.33750	0.0112164	1.3858	1.3858	0.0497622	1.21049	-2.45451	0.0234567	1.79449	1.79449	0.0170455	2.32222	2.32222	0.164515	0.84306	0.84306	0.193184	1.18953	1.18953	1.16424	0.83169	0.178435	1
cg02430692	PEXSL SYNRG;SYNRG;SYNRG;SYNRG;SY	0.0597057	0.229325	0.774397	-1.29133	0.916889	0.979091	-1.02136	0.540239	1.13792	1.13792	0.0362729	0.63792	1.63792	0.0071202	2.02297	2.02297	0.177691	1.33687	1.33687	0.277677	0.795479	-1.2571	0.0264114	1.50069	1.50069	0.784823	1.05704	1.05704	1.16415	2.05867	0.578331	1
cg12122558	NRG;SYNRG	0.0597064	0.1196692	1.53239	1.53239	0.0885352	0.621873	-1.60804	0.118146	1.5356	1.5356	0.958102	0.986806	-1.01337	0.00930434	2.30274	2.30274	0.35446	0.785974	-1.27231	0.13252	0.663195	-1.50785	0.841429	0.95062	-1.05194	0.383215	1.25365	1.25365	1.16413	3.20277	0.899744	1
cg26907454	RAB33A	0.0597067	0.187103	0.575785	-1.75375	0.0286788	0.277341	-3.59918	0.1183691	0.444545	-2.18407	0.133885	0.499533	-2.00187	0.127154	0.640387	-1.56063	0.179504	0.543811	-1.83887	0.0178515	0.292232	-3.42194	0.0089463	0.241552	-4.13989	0.113243	0.476285	-2.09959	0.56437	0.9463	0.05699	1
cg07828804	DLR1	0.0597073	0.438454	1.1905	1.1905	0.126806	1.79326	1.79326	0.0475641	0.849181	-1.17761	0.683366	0.732604	-1.36499	0.0299001	0.569328	-1.75646	0.373926	0.763152	-1.31049	0.122309	0.728365	-1.37283	0.281736	1.28236	1.28236	0.180097	1.53484	1.53484	1.6641	2.43961	0.685357	1
cg02637654	SLC16A14	0.0597081	0.1034496	0.780073	-1.28193	0.945114	0.990443	-1.00965	0.0102295	0.636637	-1.57075	0.0387313	0.716342	-1.39637	0.749122	1.04577	1.04577	0.0592749	0.743037	-1.34583	0.630555	1.06093	1.06093	0.993315	0.998832	-1.00117	0.0247271	0.688704	-1.452	1.6641	0.974955	0.273894	1
cg26907045	MYBPC3	0.0597085	0.0460626	0.327406	-3.05351	0.0393447	0.4758	-2.10122	0.2953	0.741938	-1.34805	0.0215091	0.195301	-5.12182	0.0215509	0.313964	-3.18543	0.0709781	0.422929	-2.36479	0.0172373	0.15364	-6.50951	0.0100112	0.211339	-4.73115	0.0373365	0.134096	-7.45613	0.126257	0.388374	0.0	1
cg25861066	LOC285954	0.0597108	0.2609979	0.510422	-1.95916	0.0594666	0.287842	-3.47413	0.0247202	0.208975	-4.78526	0.860301	0.902004	-1.10864	0.0441455	0.258242	-3.87234	0.01788	1.85407	-5.39353	0.0310375	0.227141	-4.40256	0.438035	0.629302	-1.58906	0.0260644	0.213077	-4.69314	1.16404	17.1776	4.82577	1
cg01445824	PCYOX1L	0.0597118	0.146496	0.780476	-1.28127	0.652562	1.07473	1.07473	0.783807	0.957218	-1.04449	0.648513	0.929616	-1.07569	0.0826698	0.736709	-1.35739	0.443802	0.603641	-1.65661	0.0144197	0.738629	-1.35386	0.0442224	0.4284	-2.3344	0.0105945	0.162564	-6.15201	1.16404	1.62635	0.0	1
cg10102762	MOS	0.0597125	0.109351	0.31431	-3.18045	0.0143	0.117971	2.92863	0.92863

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(637 vs. N)	Fold-Change(637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg06063132	PSMB10	0.0598145	0.914091	1.20448	0.124435	0.694844	-1.43917	0.513261	0.861278	1.16106	0.479321	0.850338	-1.15726	0.570259	1.57727	1.57727	0.06929	1.58113	1.58113	0.0590556	0.473405	-2.11236	0.192789	0.732808	-1.36443	0.908144	1.02636	1.02636	3.1619	2.54503	0.715472	1
cg22824895	RNF111	0.0598156	0.105291	0.410346	-2.43697	0.0348763	0.136008	7.3525	0.103176	0.407705	-2.45276	0.635855	0.786571	-1.27134	0.24353	0.541087	-1.84813	0.183076	0.491135	-2.0361	0.0180099	0.235416	-4.24779	0.120909	0.428901	-2.33154	0.0985152	0.40178	-2.48873	1.16187	12.686	3.56638	1
cg10255675	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.0598162	0.281011	1.5174	1.5174	0.295667	1.49696	1.49696	0.957969	1.01969	1.01969	0.00345981	4.68294	4.68294	7	7	7	0.123868	0.535692	-1.86675	0.475774	0.764171	-1.30861	0.680026	1.16597	1.16597	0.544446	0.796626	-1.25529	3.45647	6.51991	1.6505	1
cg26761618	P2RY2;P2RY2;P2RY2	0.0598164	0.553188	0.876112	-1.14141	0.309543	1.26094	1.26094	0.0221388	0.543548	-1.83976	0.931845	0.981317	-1.01904	0.946821	1.01482	1.01482	0.728014	1.07973	1.07973	1.00444439	2.309	2.309	0.569704	1.13505	1.13505	0.604127	0.891077	-1.12224	1.16186	2.43437	0.684373	1
cg11350833	NTN1	0.0598199	0.470403	0.630194	-1.58681	0.0430558	4.32219	4.32219	0.341121	1.85302	1.85302	0.6049119	1.38841	1.38841	1.117336	0.343154	-2.91415	0.962623	1.02966	1.02966	2.862896	0.498905	-2.00439	0.00582629	0.568335	0.681335	0.311794	1.93083	1.93083	1.16178	19.7986	5.56608	1
cg13071729	NAV1	0.0598199	0.55773	1.13931	1.13931	0.363889	1.22779	1.22779	0.455201	1.18032	1.18032	0.0957553	0.668646	-1.49556	0.429191	0.837331	-1.19427	0.637777	0.8998	-1.11136	0.00302696	0.408834	-2.44598	0.411947	1.20267	1.20267	0.276435	1.28279	-1.28279	1.16728	2.42329	0.681273	1
cg02095290	PLEKHA7	0.0598199	0.793339	1.08624	1.08624	0.0983971	1.77014	1.77014	0.00276405	0.272354	-3.67169	0.280995	0.702551	-1.42338	0.241639	0.679673	-1.4713	0.696899	0.883977	-1.13125	0.603599	0.847861	-1.17944	0.313984	1.3883	1.3883	0.353674	0.740333	-1.35074	1.16178	4.97066	1.39743	1
cg02140212	AFAP1;AFAP1	0.0598201	0.01665	0.241119	-4.14791	0.0125652	0.446485	2.23972	0.313406	0.60312	-1.6608	0.166431	0.487786	-2.05008	0.037762	0.30994	-3.22643	0.301386	0.559945	-1.68356	0.00505255	0.166561	-6.07195	0.097728	0.302946	-3.30912	0.0674367	0.368994	-2.71007	1.16178	11.854	3.33258	1
cg17032590	TGIF2LX	0.0598214	0.0145265	0.104456	-9.57342	0.0190444	0.118882	-8.4117	0.431373	0.215388	-1.62499	0.130937	0.294141	-1.39973	0.078253	0.230794	-4.33267	0.0757593	0.226952	-4.40622	0.0180478	0.115882	-8.62948	0.13658	0.300187	-3.33125	0.05406	0.193861	-5.15835	1.16175	28.1905	7.92543	1
cg25259296	PRDM15;PRDM15	0.0598215	0.81468	1.03667	1.03667	0.978811	0.995935	-1.00408	0.187221	0.807031	-1.23911	0.4255	1.13293	1.13293	0.0324777	0.683181	-1.46804	0.0726454	0.735534	-1.35956	0.0139864	1.59278	1.59278	0.781569	0.958266	-1.04355	0.197814	1.23216	1.23216	1.16175	1.17787	0.331145	1
cg25207277	CLPB	0.0598245	0.794023	1.02409	1.02409	0.0955222	1.68581	1.68581	0.0144757	0.252665	-3.95577	0.180702	0.852331	0.995577	-1.00441	0.958443	-1.04343	0.20282	0.8486	-1.17852	0.0695599	1.10078	1.10078	1.09638	1.09638	1.11119	1.16169	0.445423	0.915641	1.16175	1.16169	0.445423	0.915641	1
cg18507855	PTPRN2;PTPRN2;PTPRN2	0.0598249	0.0405044	1.7472	1.7472	0.0685737	0.671745	1.61745	0.682945	0.907565	-1.10185	0.0537217	0.6764	1.6764	0.0405547	1.74679	1.74679	0.0424424	1.73648	1.73648	0.499565	1.17545	1.17545	0.0995297	2.16721	2.16721	0.316835	1.27643	1.27643	1.16168	2.78564	0.783168	1
cg09183018	KLF5	0.0598264	0.277334	0.888132	-1.12573	0.0163795	1.95995	1.95995	0.03179	1.30575	1.30575	0.624061	1.05312	1.05312	0.316878	1.11452	1.11452	0.353755	0.904858	-1.10575	0.447503	0.900607	-1.10968	0.258844	1.13139	1.13139	0.0296363	1.30773	1.30773	1.16165	0.549819	0.154458	1
cg02330500	CLMN	0.0598279	0.00585713	0.183508	-5.44935	0.0754603	0.985666	-1.01454	0.750272	0.660796	-1.16172	0.0431051	0.335393	-2.58158	0.210718	0.638441	-1.65721	0.83851	1.10053	1.10053	0.0144117	0.242752	-4.11943	0.665008	0.815045	-1.22693	0.0944573	0.421919	-2.37012	1.16162	11.0342	3.10227	1
cg17546247	ZIC4;ZIC1	0.0598286	0.120795	0.40489	4.30489	0.0156657	0.36094	13.0694	0.96581	0.964303	-1.03702	0.259125	0.360076	-2.77178	0.0248208	0.28128	0.19039	-5.25237	0.373492	0.452656	-2.20918	0.135774	0.247887	-4.0341	0.128108	0.16682	4.16682	0.273769	0.372281	-2.68614	1.1616	37.6922	10.5972	1
cg21550612	PSD95;IC1	0.0598302	0.00924951	0.341793	-2.92535	0.0424122	0.153379	1.27379	0.991239	1.00357	1.00357	0.0196466	0.938324	-1.06487	0.883814	-1.13153	0.0544982	0.518	-1.9305	0.462855	0.873599	-1.14472	0.0315514	0.558803	-1.78954	0.794832	1.0408	1.0408	0.108857	0.73048	-1.36896	0.16154	1.62581	0.457109	1
cg17732141	PCSK1N	0.0598325	0.137093	0.472633	-2.11581	0.0129384	0.236028	-4.23678	0.759926	0.866375	-1.15423	0.636567	1.2495	1.2495	0.683278	0.825329	-1.21164	0.25082	0.570329	-1.75337	0.0615862	0.373292	-2.67887	0.0242063	3.5168	3.5168	0.892534	1.0653	1.0653	1.16152	10.9664	3.08331	1
cg06275582	PRPF8	0.0598339	0.00506753	0.179044	-5.61094	0.0387007	0.16859	-1.0244	0.0438093	0.440731	-2.26896	0.509721	0.964901	-1.03594	0.941705	1.0402	1.0402	0.0846389	1.93643	1.93643	0.447006	0.76401	-1.30893	0.938578	0.97965	-1.02096	0.33528	0.708722	-1.41099	1.16149	6.01162	1.69023	1
cg08279938	ZNF286	0.0598339	0.605029	1.14982	1.14982	0.00133734	3.49291	3.49291	0.810326	1.06645	0.952329	1.03238	1.03238	1.03238	0.0614074	1.75913	1.75913	0.323744	1.31353	1.31353	0.763804	0.924484	-1.08168	0.818822	0.940452	-1.06332	0.936712	1.02148	1.02148	1.16149	3.58526	1.00804	1
cg27395288	MAPRE1	0.0598352	0.1556869	1.23722	1.23722	0.526362	0.695445	-1.61551	0.193972	1.19726	1.19726	0.172412	1.19288	1.19288	0.0569952	1.07976	1.07976	0.0888244	1.66241	1.56562	0.0144112	1.1541	1.1541	0.0648748	1.96764	-1.03384	0.00523401	1.88204	1.88204	1.16169	0.648412	0.154658	1
cg11339965	ANKRD32;ANKRD32;CSorf36;CSorf36	0.059836	0.105326	1.2993	1.2993	0.934401	0.987894	-1.01225	0.4456	0.891325	-1.12193	0.779160	1.04247	1.04247	0.295534	1.1741	1.1741	0.0915808	1.31636	1.31636	0.00825904	0.606664	-1.64836	0.980167	1.00368	1.00368	0.0650958	0.73606	-1.35859	1.16145	1.09617	0.308204	1
cg25049698	TFAP2D	0.0598358	0.729903	0.832357	-1.20141	0.0209964	4.34944	4.34944	0.337962	1.68761	1.68761	0.473145	0.679574	-1.47151	0.263114	0.59212	-1.09626	0.229425	0.512896	-1.94971	0.014381	0.94015	0.284105	0.0881953	3.91533	3.91533	0.946181	1.03639	1.03639	1.16143	14.0345	3.94602	1
cg18862127	KCNJ3	0.0598372	0.277373	1.8011	1.8011	0.0225853	0.95498	1.95498	0.499644	1.33793	1.58166	1.58166	0.488436	1.40955	1.459063	1.459063	1.07581	1.07581	1.07581	0.0706259	0.894415	1.11863	1.11863	0.0984327	1.30212	1.30212	0.407136	1.35642	1.35642	1.16141	15.1627	4.26326	1
cg15106744	TIPARP	0.0598381	0.940683	1.0222	1.0222	0.245427	1.43122	1.43122	0.0317049	2.10258	2.10258	0.131508	1.61683	1.61683	0.674624	1.1327	1.1327	0.00474515	3.02456	3.02456	0.239774	0.695407	-1.43801	0.883024	1.7619	1.7619	0.979863	0.992579	-1.00748	1.16141	4.36046	1.22603	1
cg27269279	BAIA2	0.0598393	0.106963	0.51014	-1.95928	0.0387007	0.64601	-1.55401	0.0477305	0.422722	-2.37686	0.266063	0.693881	-1.55401	0.0915994	0.64284	2.02571	2.02571	2.02571	0.604383	0.817324	-1.22324	0.439317	1.35582	1.35582	0.0260014	1.96068?	-2.77249	0.0516576	1.16173	7.45772	2.09689	1
cg02802871	GINS1	0.0598408	0.370304	0.74715	-2.10904	0.0685671	0.522608	1.22608	0.0316007	0.779261	1.79261	0.733391	1.31958	1.31958	0.0313104	2.132549	1.54438	0.308945	1.34924	1.34924	2	?	?	0.164942	0.3007707	-1.3255	0.36151	2.14001	2.14001	1.20528	29.6873	9.262	1
cg06460983	FIT3;IFIT3;IFIT3	0.0598414	0.136052	0.470459	-2.12558	0.442479	1.44428	1.44428	0.360406	0.643142	-1.55486	0.445582	1.44174	1.44174	0.364887	0.645932	-1.54815	0.574111	1.30548	1.30548	0.445848	0.694338	-1.44022	0.00244399	7.23832	7.23832	0.715767	1.18728	1.18728	1.16134	11.0334	3.10232	1
cg17593936	NRF1	0.0598416	0.00134548	0.0977452	-10.2309	0.0158645	0.375872	-2.66006	0.0252296	-1.39366	0.525317	-1.26188	0.529937	1.12534	0.0144705	-1.07057	-1.07057	0.0744636	1.45297	1.45297	0.0625105	0.0188096	0.558708	-1.7896	0.0925	1.116	1.116	0.130887	1.35453	1.35453	1.16134	1.17247	0.484479	1
cg14219262	KIAA1026	0.0598419	0.0146001	0.190974	-5.23631	0.0294736	0.343806	-4.10163	0.0352294	0.259199	-3.85804	0.238968	0.507175	-1.9717	0.247007	0.237763	-4.20587	0.150746	0.428367	-2.33444	0.0330354	0.253547	-3.94404	0.0802299	0.344165	-2.90559	0.10816	0.381031	-2.62446	1.16133	15.373	4.26627	1
cg17425135	FOXI1	0.0598421	0.0145182	0.121557	-8.22155	0.0205052	0.0834045	0.887074	-1.12705	0.0443554	-2.25562	0.0945645	0.163551	0.819372	-1.22039	0.0493354	-2.02694	0.0407733	0.190343	0.492355	-2.03111	0.0225	0.0900404	0.464161	1.3256	1.3256	0.831987	1.05161	1.05161	1.16097	0.950026	-1.0527	0.534948	1
cg00094063	PDP2	0.0598423	0.061107	0.415721	-2.40546	0.387911	0.69208	-1.44492	0.886166	0.942161	-1.06139	0.516941	1.31427	1.31427	0.0140091	0.28313	3.53194	0.0915677	0.461776	-2.16555	0.00569523	0.221324	-4.51826	0.560862	0.7830441	-1.27707	0.320006	0.652216	1.53324	1.16132	0.660693	0.245515	1
cg07428959	PHF10;PHF17	0.0598427	0.193581	0.670645	-1.4911	0.498679	0.819163	-1.22076	0.374783	0.767537	-1.30287	0.360395	0.761032	-1.31401	0.036086	0.492649	-2.02984	0.0117289	0.400759	-2.49526	0.5768301	1.17682	1.17682	0.365267	1.31019	1.31019	0.0119262	0.402018	0.402018	2.48745	1.16131	4.22304	1.18742	1
cg17080913	ACOT7;ACOT7;ACOT7;ACOT7	0.0598428	0.124136	0.24144	-4.14191	0.0225853	0.95498	1.95498	0.499644	2.40233	2.40233	0.41829	1.42538	1.42538	0.2820044	1.16465	1.16465	0.0455573	0.470726	0.0731686	2.62277	2.62277	0.0598278	2.48446	2.48446	0.0385693	2.79243	1.35251	1.16155	2.58543	1.16131	2.58543	0.644112	1
cg01129414	C1torf17;ST5;C1torf17	0.0598459	0.445497	1.19542	1.19542	0.880313	0.966009	-1.03519	0.24878	0.758288	-1.31876	0.837426	0.96407	-1.03727	0.00310975	0.395233	0.53016	0.0152542	0.504678	-1.98146	0.44143	0.835135	-1.19741	0.791	1.06286	1.06286	0.815308	0.947713	-1.05517	1.16125	2.6374	0.741594	1
cg08621216	IGFAL5	0.0598462	0.0133604	0.0971859	-10.2975	0.0156526	0.993101	-1.57003	0.0558497	0.487512	-2.58057	0.561154	0.774472	-1.2912	0.0484414	0.607319	-1.70756	0.350663	0.9335	-1.22252	0.133556	0.491279	-2.03551	0.760168	0.891071	1.12171	0.0202189	0.294362	0.294362	1.16131	1.17028	0.349125	1
cg01433654	ARL15	0.059849	0.348793	1.31127	1.31127	0.936313	1.03462	1.03462	0.0317085	0.202892	2.02892	019	2.22076	2.22076	0.468464	0.812823	-1.23028	0.0522107	0.537729	-1.85967	0.311658	0.745223	-1.34188	0.898663	0.964837	-1.03644	0.106914	1.63968	1.63968	1.16118	1.95194	1.11124	1
cg16326335	DIP2C	0.0598499	0.840236	1.04637	1.04637	0.0091481	0.475483	-2.10313	0.240086	0.758639	-1.31835	0.239918	0.758557	-1.31829	0.00401526	0.419758	-2.38233	0.994635	0.998491	-1.00151	0.807719	1.05628	1.05628	0.270466	0.772851	-1.29391	0.506491	0.859535	-1.16342	1.16116	2.52487	0.709968	1
cg02038056	GPNMB;GPNMB	0.0598505	0.476552	1.19542	1.19542	0.838801	1.57308	1.57308	0.0514487	0.822732	-2.37686	0.266063	0.693881	-1.55401	0.0915994	0.64284	2.02571	2.02571	2.02571	0.604383	0.817324	-1.22324	0.439317	1.35582	1.35582	0.0260014	1.96068?	-2.77249	0.0516576	1.16173	7.45772	2.09689	1
cg00445959	XPO6	0.0598526	0.105449	0.273985	-3.64983	0.0220822	0.134108	-7.45666	0.092895	0.25841	-3.86982	0.376353	0.51454	-1.94348	0.0191667	0.125614	-7.96089	0.128393	0.303006	-3.32994	0.015403	0.113463	-8.81345	0.11339	0.283376	-3.52888	0.0278896	0.149289	-6.69842	1.16111	26.8222	7.54227	1
cg09673348	RBCK1;RBCK1	0.0598535	0.122933	0.479503	-2.08577	0.0179569	0.2369	2.3691	0.215802	1.18568	1.18568	0.0778226	0.85894	-1.16423	0.168736	0.817883	-1.22267	0.857292	0.9516	-1.02499	0.0211455	0.685007	-1.45984	0.0833297	1.10212	1.10212	0.407136	1.53642	1.53642	1.16141	15.1627	4.26326	1
cg15606069	USP25	0.059857	0.711821	1.0796	1.0796	0.168977	1.35323	1.35323	0.0116286	1.9175	1.9175	0.160347	1.36285	1.36285	0.849535	0.961557	-1.03998	0.0237544	0.572873	-1.74559	0.828475	0.956202	-1.0458	0.636729	1.10318	1.10318	0.0771573	1.50023	1.50023	1.16102	2.13294	0.59979	1
cg15410097	NAPA	0.0598601	0.268401	1.12349	1.12349	0.478574	1.31851	1.31851	0.0979936	0.965145	1.03005	0.422722	-2.37686	0.266063	0.693881	-1.55401	0.0915994	0.64284	2.02571	2.02571	2.02571	0.604383	0.817324	-1.22324	0.439317	1.35582	1.35582	0.0260014	1.96068?	-2.77249	0.0516576	1.16173	7.45772	2.09689	1
cg08122156	SYT9	0.0598602	0.887918	1.06936	1.06936	0.752652	1.16223	1.16223	0.0009681	0.51876	-1.92868	0.0881	0.516015	1.44384	-1.25306	1.06735	0.432811	-2.33048	0.770728	1.14907	0.604319	0.807092	-1.23902	0.437542	1.45729	1.45729	0.125308	1.32084	1.32084	1.16131	2.58543	1.16131	2.58543	0.644112	1
cg10436792	ATP2A1;ATP2A1	0.0598628	0.0124487	0.378558	-2.6416	0.596084	2.18185	2.18185	0.562805	1.20051	1.20051	0.302236	1.39836	1.39836	0.0113605	0.383981	-2.60429	0.115021	0.585514	-1.7079	0.921063	0.969515	-1.03144	0.547368	1.20936	1.20936	0.147553	0.61548	-1.62475	1.1609	4.88394	1.37343	1
cg02002650	RAP1A	0.0598634	0.134794	5.4641	5.4641	0.0154356	0.225294	-9.8362	7	7	7	0.174438	4.46971	4.46971	0.0134189	6.04715	6.04715	0.873307	1.16682	1.16682	7	7	7	0.0884405	1.51123	1.51123	0.724647	0.872406	-1.14577	1.37541	1.37541	1.16134	54.7552	5.71845	1
cg12320750	C17orf39	0.0598642	0.0115617	0.258539	-3.86788	0.869917	0.945988	-1.0571	0.721327	0.857766	-1.16582	0.19166	0.553148	-1.80783	0.0151027	0.277946	3.59783	0.110795	0.475073	-2.10494	0.025774	0.321681	-3.10867	0.116117	0.481179	-2.07823	0.0502344	0.384352	-2.60178	1.16138	8.23838	2.58336	1
cg16552271	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.0598656	0.066448	0.366266	-2.73026	0.33604	0.616279	-1.62264	0.189573	0.507598	-1.97006	0.128058	0.448074	-2.23178	0.002155	0.122203	-8.18313	0.0512189	0.338459	-2.95457	0.0751382	0.38022	-2.63005	0.516798	0.725608	-1.37816	0.296646	0.589767	-1.69558	1.16084	11.9203	3.35221	1
cg20965478	CWF19L2	0.0598677	0.120582	0.75926	-1.31707	0.6528837	1.4082	1.4082	0.0956191	1.34912	1.34912	0.401463	0.869405	-1.15021	0.788526	1.04489	1.04489	0.0357491	0.670511	-1.4914	0.0263849	0.650037	-1.53837	0.809588	1.04028	1.04028	0.696713	1.06617	1.06617	1.1608	1.33956	0.376716	1
cg00246043	WDR81;WDR89	0.0598681	0.409007	1.13158	1.13158	0.0519403	0.758003	-1.31926	0.34467	0.859288	-1.1637	0.644803	1.05988	1.05988	0.0194581	1.34148	1.34148	0.87724	1.08822	1.08822	1.01855	0.0183872	0.606947	-1.64759	0.7118247	0.883113	-1.12984	0.955625	1.007	1.007	1.16079	0.785808	0.220088	1
cg16998906	TPCN2	0.0598682	0.00662629	0.349154	-2.86407	0.214137	0.676709	-1.47774	0.0260314	0.45444	-2.20051	0.233366	0.688619	-1.45218	0.0365989	0.484226	-2.06515	0.450042	1.25836	1.25836	0.546085	1.20009	1.20009	0.218333	0.679366	-1.47196	0.397848	0.772235	-1.29494	1.16078	4.46262	1.255	1
cg08944035	SLC26A6;SLC26A6;SLC26A6;SLC26A6	0.0598687	0.0424277	0.400715	-2.49554	0.131972	0.664116	-1.50576	0.404783	0.765362	-1.30593	0.0262386	0.356396	-2.80587	0.0609365	0.491904	-2.03307	0.0455573	0.407705	-2.45275	0.0464269	0.469123	-2.43948	0.587904	0.8080826	-1.23758	0.152924	0.654187	0.654187	1.16078	2.73665	0.215567	1
cg21771171	EXOC2	0.0598701	0.189475	0.77783	1.27783	0.11616	1.35144	1.35144	0.0424871	0.50994	-1.96094	0.209745	0.726255	-1.37625	0.0152316	0.213125	1.333	1.333	1.333	1.333	1.333	1.333	1.333	1.333	1.333	1.333	1.333	1.333	1.333	1.16064	1.29764	0.220556	0.61613	-1.62303	0.0807373	1.40723	1.40723	0.18966	1.27768	1.27768	1.16075	1.55747	0.438004	1
cg24023618	HDAC2	0.0598702	0.801276	0.963139	-1.03827	0.00387078	1.78505	1.78505	0.339157	1.15803	1.15803	0.631152	1.0747	1.0747	0.690009	1.06152	1.06152	0.314082	1.0357	1.0357	0.0301413	0.684049	-1.46188	0.730808	1.05278	1.05278	0.163694	1.24775	1.24775	1.16074	1.11017	0.312211	1
cg21878799	LOXHD1;LOXHD1;LOXHD1	0.0598708	0.253087	1.21548	1.21548	0.288586	1.37587	1.37587	0.0514457	0.825048	1.20404	-1.40099	0.0425023	0.26976	-3.707	0.173386	0.484424	0.0205458	0.0563163	0.131954	-7.5784	0.0930791	0.454348	-2.20094	0.0398522	0.256786	-3.89429	0.167473	0.75385	0.42613	1.16073	1.16073	0.167473	0.75385	0.42613	1
cg09789315	C1orf175;C1orf175	0.0598716	0.123198	0.731069	-1.2693	0.156212	0.789663	-1.26636	0.126794	0.773281	-1.29319	0.743558	0.950177	-1.05244	0.00435098	0.554859	1.80226	0.93255	1.01327	1.01327	0.370468	1.15393	1.15393	0.0683519	0.727819	-1.37397	0.0476088	0.70279	-1.4229	1.16072	1.21327	0.341209	1
cg01520853	SLC13A1	0.0598722	0.0968266	1.16447	1.16447	0.0945241	0.745451	-1.34227	0.0238552	0.746451	-1.33951	0.0266563	0.683107	-1.46311	0.0178947	0.780591	1.28168	0.924958	0.870665	-1.14865	0.0455419	0.745119	1.34199	0.0360602	0.744334	-1.3999	0.0278737	0.965228	0.965228	1.16073	1.03713	0.237712	1
cg24170269	RAB21	0.0598733	0.940028	-1.01091	1.01097	0.390161	1.13614	1.13614	0.0650929	1.35014	1.35014	0.0297148	0.680122	-1.44902	0.149295	0.799209	-1.25124	0.0116827	0.633347	-1.57891	0.896219	1.0191	1.0191	0.895214	0.981081	-1.01928	0.408466	1.13037	1.13037	1.16068	1.05172	0.295779	1
cg10041810	TXNDC17;KIAA0753;TXNDC17	0.0598771	0.0920345	0.649765	-1.51902	0.697566	1.09503	1.09503	0.0293355	1.87071	1.87071	0.0368146	0.569045	-1.75733	0.189378	0.723837	-1.38153	0.221445	0.741727	-1.3482	0.25901	1.3149	1.3149	0.298796	0.778525	-1.28448	0.12031	0.675889	-1.47953	1.1606	2.70519	0.760808	1
cg10048371	C7orf50;C7orf50;C7orf50	0.0598772	0.341282	0.855197	-1.16907	0.523523	0.615448	-1.62424	0.0204618	0.723995	-1.38104	0.558586	0.852382	-1.17316	0.0523982	0.614697	-1.62748	0.0502115	0.468847	-2.13284	0.0199059	0.418875	-2.38695	0.645297	0.907958	-1.10143	0.00919036	0.501912	-1.99238	1.1606	2.74365	0.615159	1
cg01233722	NFATC4;NFATC4	0.0598777	0.162969	1.49334	1.49334	0.313394	0.506733	-1.97342	0.0661239	0.574032	-1.74206	0.925272	1.02558	1.02558	0.0839548	1.67353	1.67353	0.0570018	1.78591	1.78591	0.138463	1.53647	1.53647	0.385325	1.27082	1.27082	0.442993	1.23444	1.23444	1.16059	3.62956	1.02078	1
cg01897601	REXO1L2P;REXO1L1	0.0598777	0.0720645	0.312451	-3.20054	0.139511	0.686858	-1.45695	0.0524881	0.404483	-2.47229	0.0944599	0.404483	-2.47229	0.0944599	0.404483	-2.47229	0.0756626	0.325652	-3.07076	0.0438275	0.454422	-2.20155	0.0469318	0.4344222	-2.30122	0.0459	0.361449	0.532319	1.16059	1.16049	0.532319	0.361449	1
cg01880321	GRIB1	0.0598791	0.859541	0.959117	-1.04263	0.598462	0.863927	-1.15751	0.240493	0.748561	-1.3359	0.586921	1.13801

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 137 vs. N)	Fold-Change(121T vs. N)	p-value(121T 221 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg14736152	MRPL24;ARPP;24	0.0599611	0.0957931	0.732393	-1.36539	0.7702382	0.708563	-1.41131	0.663664	0.92622	-1.07733	0.155998	0.7723204	-1.29483	0.155954	1.29487	1.29487	0.030803	1.649358	-1.53998	0.0982013	0.734347	-1.36175	0.0827759	1.38687	1.38687	0.515909	1.11757	1.11757	1.35887	1.44988	0.4078988	1
cg14442557	ANKRD42	0.0599524	0.0488529	0.230196	-4.34413	0.3509015	0.534816	-1.8698	0.0541045	0.240508	-4.15787	0.102037	0.3465286	-2.88528	0.0104968	0.122539	-8.1607	0.0212558	0.164493	6.07929	0.0291749	0.187233	-5.34095	0.414622	0.580662	-1.72217	0.0661395	0.260903	-3.83284	1.54884	21.2581	5.98197	1
cg23512165	MTMR4;MTMR4	0.0599635	0.00366259	0.40473	-2.47078	0.1127774	1.48789	1.48789	0.653174	0.901117	-1.10973	0.93637	1.01855	1.01855	1.388238	1.22576	1.22576	0.2237151	1.34209	1.34209	1.8783831	1.01588	1.01588	0.2275644	1.33854	1.33854	0.2213342	1.34436	1.34436	1.15882	2.65089	0.745957	1
cg19796440	GRIN2C	0.0599636	0.0533023	0.548265	-1.82394	0.5566867	0.554035	-1.80495	0.1338122	0.793225	-1.31023	0.304644	0.7474698	-1.3378	0.213754	0.6987097	-1.43103	0.0850998	0.593815	-1.6843	0.0037959	0.342749	-2.91758	0.0215332	0.476883	-2.09694	0.32076	0.755143	-1.32425	0.15882	3.7494	1.05508	1
cg27404606	C20orf27	0.0599642	0.01275101	0.457826	-2.18424	0.0458797	0.561369	-1.78136	0.897731	1.03303	1.03502	0.042464	0.9539458	1.02742	0.773831	-1.22927	0.0426469	0.554978	-1.80187	0.52757	0.850879	-1.17526	0.010316	0.6804	0.290047	0.758018	-1.31923	0.1588	3.13845	0.896137	1
cg09905732	UMF1	0.0599655	0.0543658	0.736903	-1.35703	0.0108167	1.56333	1.56333	0.252982	1.18172	1.18172	0.633365	0.935004	-1.06953	0.409691	0.888774	-1.12515	0.3842003	0.882694	-1.1329	0.1218898	1.26425	1.26425	0.144801	1.24485	1.24485	0.2040575	1.20616	1.20616	1.15878	0.97842	0.27533	1
cg02738983	TRAK2;STRAD8	0.0599676	0.58858	1.13142	1.13142	0.202516	1.82594	1.82594	0.0765495	0.640541	-1.56118	0.786291	0.940402	-1.06338	0.753284	0.931188	-1.0739	0.872324	0.964288	-1.03703	0.474406	1.17879	1.17879	0.586621	1.13217	1.13217	0.00742193	0.458523	-2.18092	1.58474	2.5576	0.719725	1
cg08204159	CNOT3	0.0599683	0.7946089	1.05461	1.05461	0.891971	1.02809	1.02809	0.00328989	2.30543	2.30543	0.115415	1.38837	1.38837	0.187558	1.32946	1.32946	0.369457	1.20626	1.20626	0.5845546	0.8935227	-1.11916	0.797653	1.05973	1.05973	0.0187267	1.78764	1.78764	1.15872	2.07981	0.585276	1
cg18642179	MGMT	0.0599683	0.981692	0.947186	-1.00524	0.158117	1.40122	1.40122	0.144719	0.899883	-1.42881	0.232532	1.05251	1.05251	0.626876	0.6208316	-1.61078	0.5520001	0.871909	-1.14691	0.011281	0.485304	-2.06056	0.218125	1.34327	1.34327	0.0452819	0.592638	-1.68737	1.58272	2.5961	0.730563	1
cg27612847	SPIS8	0.0599736	0.144971	0.457273	-2.18688	0.186688	2.03115	2.03115	0.313588	0.59393	-1.6837	0.104744	0.4121273	-2.42617	0.371374	1.58219	1.58219	0.15658	0.468846	-2.1329	0.00836034	0.185547	-5.38948	0.62656	1.27777	1.27777	0.0532686	0.33367	-2.99697	1.58661	12.5002	3.51778	1
cg01090445	TRAIP;TRAIP	0.0599738	0.0151658	0.588266	-1.69986	0.8608237	1.02957	1.02957	0.630447	1.08994	1.08994	0.991411	0.9989	0.998901	0.991411	1.00932	1.00932	0.8387717	1.02687	1.02687	0.0039245	0.503704	1.99321	0.483752	1.13479	1.13479	0.526788	1.12069	1.12069	1.15861	1.57917	0.444406	1
cg10587183	MAB21L1;MIR548F5;NBEA;MAB21L1	0.0599762	0.768117	1.25092	1.250892	0.0966082	0.251261	-3.97993	0.386011	1.95997	1.959977	0.0342985	0.850009	-1.17646	0.0223558	0.644201	0.394456	-2.53514	0.44308	0.553125	-1.80791	0.0072068	0.072354	-13.8209	0.0331367	0.151665	-6.59355	0.884828	1.116	1.31856	28.6839	8.0723	1
cg16836833	PTPN3	0.0599766	0.0055443	0.277001	-3.6101	0.0263739	0.394834	-2.53271	0.0194535	0.186905	-5.34954	0.0149439	0.763045	-1.31054	0.0549756	0.464604	-2.15237	0.430896	0.753374	-1.32756	0.335622	0.780845	-1.41871	0.538339	0.802095	-1.24541	0.10928	0.537233	-1.86139	1.58455	6.207121	1.74985	1
cg14041232	KDM4C;KDM4C;KDM4C;KDM4C	0.0599822	0.265344	1.32349	1.32349	0.191737	0.716271	-1.39612	0.609241	0.882956	-1.13256	0.0408177	1.76843	1.76843	0.0334085	1.82244	1.82244	0.14161	1.46465	1.46465	0.443914	0.824291	-1.21316	0.0596764	1.67051	1.67051	0.128169	0.672268	-1.4875	1.51843	2.91631	0.820749	1
cg08533808	CCDC79	0.0599848	0.3916601	1.26202	1.26202	0.0971819	1.62034	1.62034	0.0716827	1.70436	1.70436	0.994046	0.998024	-1.00198	0.984908	1.02482	1.02482	1.65709	1.65709	0.60821	0.871895	-1.14693	0.0044819	2.73118	2.73118	0.0203295	1.39609	1.39609	0.239726	0.721521	-1.38596	1.58318	3.5162	0.989593	1
cg19555331	PQLAP2	0.0599852	0.8767802	0.908078	-1.10123	0.1532128	1.59712	1.59712	0.520754	0.847966	-1.17963	0.4866	0.8606889	1.15555	1.15555	0.663182	1.50729	0.9413361	0.814737	1.15785	1.15785	0.953916	0.9646565	-1.03663	0.0010643	0.239404	0.48434	2.06484	0.444401	1.62541	1.52854	19.3833	4.54586	1
cg02361803	PIKCZ;PIKCZ	0.0599864	0.349832	0.582104	-1.71791	0.0706792	3.11333	3.11333	0.0426032	3.71582	3.71582	0.56223	0.719312	-1.39022	0.0122297	0.172892	-5.78395	0.9410449	0.959264	-1.04247	0.379549	1.66006	1.66006	0.126691	0.394991	-2.5317	0.9390021	0.14096	1.04396	1.58435	15.8139	4.45069	1
cg06374015	PTK7;PTK7;PTK7;PTK7	0.0599879	0.112887	0.586424	-1.70568	0.228229	0.684706	-1.46048	0.413056	0.780056	-1.28196	0.0048424	0.3265389	-3.06195	0.0300125	0.465581	-2.14784	0.270367	0.709353	-1.40974	0.11421	0.559774	-1.67394	0.0281636	0.460078	-2.17354	0.0529552	0.517522	-1.93229	1.58324	4.48662	1.26273	1
cg05836492	APOL2;APOL2	0.0599882	0.3585195	0.78381	-1.27562	0.0282787	0.418778	-2.3879	0.0864464	0.611595	-1.63507	0.581588	1.15269	1.15269	0.4705883	0.581733	-1.72057	0.3980444	1.24937	1.24937	0.0880896	0.188774	1.62277	0.219317	1.39519	1.39519	0.4459521	0.818477	-1.22178	1.58331	3.12464	0.935703	1
cg02375289	EPS8L2	0.0599905	0.362879	1.43128	1.43128	0.253712	1.57938	1.57938	0.00813511	3.66549	3.66549	0.166214	1.76132	1.76132	0.988095	1.00574	1.00574	0.185369	1.71344	1.71344	0.302096	1.50669	1.50669	0.00367135	4.50888	4.50888	0.65773	1.18645	1.18645	1.58626	7.35377	2.06971	1
cg08477799	PANK3	0.0599996	0.2816851	0.695533	-1.43775	0.4253595	1.58451	1.58451	-1.18627	0.808062	1.03457	1.034057	-1.08218	0.7413913	1.131246	-1.0883	1.131246	0.7452004	1.14616	1.14616	0.0413154	0.640005	1.31198	0.3131192	-1.01757	0.0884905	0.983187	-2.97454	0.1146115	0.713578	-1.40139	1.15808	5.267447	1.48261	1
cg13812731	NRGN;NRGN	0.0600009	0.03391	3.31117	3.311167	0.1368258	2.17012	2.17012	0.540174	1.34963	1.34963	0.893897	1.066644	1.066644	0.135695	2.17589	2.17589	0.0578815	2.81881	2.81881	0.0057699	0.983068	-1.01722	0.2284209	3.49234	3.49234	0.15805	1.61918	3.29086	1			
cg18313093	IGF1R	0.0600011	0.33898	0.78747	-1.26983	0.0764649	0.445447	-2.24587	0.0336552	0.172464	-5.80057	0.0148667	0.3332656	-3.00127	0.0272007	0.229533	-4.35597	0.2839755	0.72228	-1.38447	0.0072306	0.046098	-21.7035	0.0060319	0.077327	0.0075728	0.0097078	0.1636	0.1636	0.1636	0.1636	0.1636	1
cg26629960	C19orf25;C19orf25	0.0600028	0.100738	2.60113	2.601133	0.518235	1.40281	1.40281	0.0491745	3.36391	3.36391	?	?	?	0.0108832	0.166333	6.01203	0.7264821	0.834558	-1.19824	0.320206	1.70655	1.70655	0.217198	0.5065175	-1.97404	0.87139	0.920037	-1.08691	3.81549	13.5274	2.65904	1
cg26789489	NBPF1	0.060004	0.0512966	0.485112	-2.06138	0.175375	0.621993	-1.60773	0.0703065	0.511445	-1.94763	0.624585	0.850009	-1.17646	0.0023558	0.421485	2.37225	0.7143936	0.8039	1.0839	0.232473	1.36038	1.36038	0.0993903	0.878011	-1.13894	0.701671	1.09922	1.09922	3.15785	1.0216	0.850538	1
cg27382629	CLEC12B	0.0600046	0.0245172	0.3284	-3.04511	0.0175725	0.627193	-1.59442	0.0158048	0.168607	-5.92735	0.0068407	0.2976885	-3.35933	0.0048092	0.206458	-4.84398	0.1057644	0.6644	-1.50506	0.0004528	0.0227466	0.0504183	0.3572737	-2.79926	0.2276584	0.593554	-1.68477	0.33797	10.626	2.99084	1
cg24157170	VAV2;VAV2	0.060005	0.227351	1.21245	1.21245	0.397411	0.876588	-1.14079	0.154264	0.79309	-1.26089	0.0362292	1.44799	1.44799	0.0331527	0.684838	-1.4602	0.1056444	0.764374	-1.30826	0.914098	1.01654	1.01654	0.858753	0.973285	-1.02745	0.0395834	0.696418	-1.43592	1.35796	1.15569	0.325298	1
cg26845794	PLK1	0.0600075	0.070531	0.437913	-2.28506	0.0354403	0.109113	-3.1644	0.654362	0.779836	-1.28232	0.436656	0.9383544	-1.06555	0.7148	0.8990452	1.12282	0.3862602	0.618398	-1.6426	0.0148686	0.191205	-5.23	0.0809032	0.2314456	0.490577	-2.03193	0.561791	1.25863	4.30261	1.48662	1.26273	1
cg10574431	ABLIM3	0.0600077	0.0880134	0.416089	-2.39918	0.077954	0.387128	-2.31793	0.0173699	0.147586	-6.77498	0.0068407	0.2976885	-3.35933	0.0048092	0.206458	-4.84398	0.1055337	0.564728	-1.77098	0.0024193	-2.98	-2.98	0.0010643	0.239404	0.48434	2.06484	0.444401	1.62541	1.52854	19.3833	4.54586	1
cg01480384	ATF7;ATF7	0.0600078	0.116552	0.638656	-1.56579	0.0130285	2.24797	2.24797	0.728904	0.912575	-1.0958	0.537089	1.17861	1.17861	0.192478	0.695788	-1.43722	0.6952115	0.901646	-1.10908	0.0185215	0.471918	-2.11901	0.311322	1.31709	1.31709	0.956147	1.01456	1.01456	1.15791	3.45788	0.973326	1
cg22982368	PAX6;PAX6;PAX6	0.0600088	0.117964	0.5218	-1.91604	0.0715571	1.74168	1.74168	0.0338925	2.47241	2.47241	0.189728	2.07347	2.07347	0.0341326	2.94503	2.94503	0.109658	4.233	4.233	0.0134292	3.24233	3.24233	0.0114952	2.01776	2.01776	0.14789	1.40139	1.15808	5.267447	1.48261	1.63645	1
cg05851442	HOXA3;HOXA3;HOXA3	0.0600091	0.039006	2.81702	2.81702	0.102107	2.17179	2.17179	0.0297684	3.03027	3.03027	0.039882	3.23134	3.23134	0.036069	2.8771	2.8771	0.466144	1.37916	1.37916	0.273657	1.63852	1.63852	0.0382611	2.8317	2.8317	0.0221405	2.314054	3.31454	1.58438	9.39731	2.64518	1
cg17735563	RASGRP3;RASGRP3;RASGRP3	0.0600091	0.711045	0.87958	-1.13703	0.3564766	0.492102	-2.03186	0.0755002	0.312661	-3.19852	0.1132666	0.5722668	-1.74621	0.0159616	0.2179931	-4.58803	0.1926422	0.819442	-1.22039	0.0194407	0.0004033	0.0004033	-2.05215	0.0370424	1.52	1.52	0.0050426	0.0247857	0.0797617	0.3349154	0.375288	0.2184	1
cg12214695	ZNF37B	0.0600096	0.0273608	0.612991	-1.63135	0.62054	1.09809	1.09809	0.0408103	1.55589	1.55589	0.0124847	1.79092	1.79092	0.357072	0.837291	-1.19433	0.6544007	1.08815	1.08815	0.872844	1.03049	1.03049	0.511171	1.13308	1.13308	0.437689	0.862062	-1.16001	1.57587	1.75804	0.49486	1
cg24453153	RGS12;RGS12;RGS12	0.0600103	0.0944801	0.65141	2.65141	0.312735	0.574686	-1.74008	0.0092304	0.172305	-5.77359	0.9892229	1.00719	1.00719	0.116503	2.47134	2.47134	0.9885532	1.00765	1.00765	0.0510912	3.24965	3.24965	0.58714	1.33755	1.33755	0.456464	0.668765	-1.49529	1.57586	14.0742	3.96169	1
cg00785417	PTCH2	0.0600105	0.4183837	0.73947	-1.35243	0.0755554	0.488233	-2.05024	0.0454587	0.2655332	-3.76555	0.1823	0.9302497	1.02666	0.7462201	0.9743	1.27927	0.4884222	0.850251	1.17617	0.4942095	0.8183349	1.22182	0.784793	1.27422	1.27422	0.0307708	1.6336	1.6336	1.58745	2.65677	0.787942	1
cg23920445	OR14A16	0.0600106	0.173578	0.355144	-2.81578	0.816186	0.846631	-1.18115	0.0763018	0.244122	-4.09622	0.303755	2.1417	2.1417	0.0562074	2.21307	2.6933	0.2915508	0.457216	2.18715	0.0732473	0.239716	-4.17161	0.57431	0.666431	-1.50053	0.00382804	0.0623613	-16.0356	3.57785	25.569	7.19731	1
cg24435155	RGS12;RGS12;RGS12	0.0600103	0.0944801	0.65141	2.65141	0.312735	0.574686	-1.74008	0.0092304	0.172305	-5.77359	0.9892229	1.00719	1.00719	0.116503	2.47134	2.47134	0.9885532	1.00765	1.00765	0.0510912	3.24965	3.24965	0.58714	1.33755	1.33755	0.456464	0.668765	-1.49529	1.57586	14.0742	3.96169	1
cg00387467	SERPINH1	0.0600107	0.575384	1.14924	1.14924	0.0295351	1.76275	1.76275	0.0153102	2.07875	2.07875	0.664566	0.8552533	-1.16867	0.0998507	0.768566	-1.30126	0.7439336	0.8039	1.0839	0.232473	1.36038	1.36038	0.0993903	0.878011	-1.13894	0.701671	1.09922	1.09922	3.15785	1.0216	0.850538	1
cg21602703	TRPM5	0.0600129	0.361615	0.718658	-1.39148	0.1993579	0.620218	-1.61234	0.0017039	0.206287	-4.8476	0.522153	0.7957	-1.25676	0.0567998	0.4679	-2.13721	0.243782	0.650746	-1.5367	0.855474	0.937788	-1.06634	0.199642	0.620141	-1.61184	0.0630333	0.478692	-2.08902	1.5768	6.207111	1.74724	1
cg13478911	C1orf155;C21orf56	0.0600138	0.5865846	1.09555	1.09555	0.6199599	1.02815	1.02815	-1.58391	0.1634102	-1.58391	0.1634102	1.02815	1.02815	0.0557753	1.30838	1.30838	0.5280078	1.07879	1.07879	0.3004851	2.12124	2.12124	0.0146486	1.89105	1.89105	0.0124809	1.32082	1.32082	1.57585	15.2903	4.24909	1
cg03423102	GPC6	0.0600141	0.194839	0.566355	-1.76568	0.0596571	0.225288	-4.43877	0.200025	0.570491	-1.75287	0.78985	1.12374	1.12374	0.4035	1.37476	1.37476	0.6644	0.8039	1.0839	0.232473	1.36038	1.36038	0.0993903	0.878011	-1.13894	0.701671	1.09922	1.09922	3.15785	1.0216	0.850538	1
cg00218694	CEP135;CEP135	0.0600152	0.0349474	0.314653	-3.17824	0.0134595	0.346548	-2.88528	0.0104968	0.122539	-8.1607	0.0212558	0.164493	-6.07929	0.0291749	0.187233	-5.34095	0.0212558	0.164493	-6.07929	0.0291749	0.187233	-5.34095	0.414622	0.580662	-1.72217	0.0661395	0.260903	-3.83284	1.54884	21.2581	5.98197	1
cg06086887	VAX2	0.0600153	0.0378316	0.286893	-3.48562	0.208073	0.99007	1.99007	0.278327	0.557406	-1.79402	0.0962525	0.387919	-2.57786	0.0512148	0.316288	3.16168	0.169249	0.467999	-2.13676	0.00778192	0.170042	-5.8809	0.418692	0.655137	-1.53486	0.127197	0.425188	-2.3519	1.57775	0.443144	3.78443	1
cg20789954	NCAN;NCAN;NCAN	0.0600161	0.0862624	0.729904	-1.37012	0.3797019	1.2293	1.2293	0.1844	0.80881	-1.23638	0.148483	0.7727932	-1.29426	0.0562777	0.629539	1.59003	0.2836428	0.704227	-1.42003	0.0297157	0.0454766	0.0504183	0.3572737	-2.79926	0.2276584	0.593554	-1.68477	0.33797	10.626	2.99084	1
cg08682535	GEMGEM	0.0600166	0.07896642	0.45007	-2.22301	0.0482021	0.486101	0.0717838	0.0536044	0.373603	-2.67803	0.0112254	0.1578366	0.533041	-6.33504	0.0243506	0.125397	0.169147	0.450782	-2.2183	0.370074	0.2756	0.2756	0.0010643	0.239404	0.48434	2.06484	0.444401	1.62541	1.52854	19.3833	4.54586	1
cg21266616	CRADD	0.0600178	0.155009	0.511869	-1.95363	0.486721	1.36475	1.36475	0.200126	1.81403	1.81403	0.230837	0.575164	-1.73863	0.158789	0.515416	-1.94018	0.229827	0.574407	-1.74093	0.00626921	0.208641	-4.79293	0.0507074	0.375618	-2.66238	0.108982	0.463405	-2.15794	1.5777	0.683651	2.72594	1
cg17952826	ACAT2	0.0600183	0.1217964	0.5218	-1.91604	0.0715571	1.74168	1.74168	0.0338925	2.47241	2.47241	0.189728	2.07347	2.07347	0.0341326	2.94503	2.94503	0.109658	4.233	4.233	0.0134292	3.24233	3.24233	0.0114952	2.01776	2.01776	0.14789	1.40139	1.15808	5.267447	1.48261	1.63645	1
cg14599961	UBE3A	0.0600193	0.384726	0.585247	-1.70868	0.639968	0.753381	-1.32735	0.062793	0.284092	-3.51598	0.860887	1.15861	1.15861	0.0895887	0.324643	3.08031	0.640931	0.754004	-1.32625	0.00193714	0.0716197	-13.9626	0.681115	0.780059	-1.28195	0.0769102	0.306518	-3.26245	1.57567	18.0711	5.08704	1
cg19518267	ZFP41	0.0600221	0.296301	0.648307	-1.54277	0.1955414	0.813183	-1.22977	0.0691385	0.735479	-1.35966	0.898	0.9808011	-1.01956	0.0719495	1.35456	1.35456	0.329769	0.858516	-1.1648	0.00857459	1.16596	1.16596	0.0690395	1.06039	1.06039	0.0253702	1.10202	1.10202	1.57653	1.64348	0.321331	1
cg26526897	VPS52	0.0600229	0.07526027	0.392021	-2.55107	0.3139459	0.237985	-4.20195	0.108815	0.437484	-2.2858	0.0396228	0.3247313	-3.07964	0.0100824	0.175104	5.71038	0.124527	0.455603	-2.19489	0.011662	0.493591	-2.02679	0.7834525	0.847885	1.1791	0.2628432	0.371809	-2.68955	1.5576	11.1745	3.37453	1
cg01147714	RAPGEF4;RAPGEF4	0.06024	0.0325781	0.189165	-5.28638	0.109349	0.312807	-3.19686	0.137219	0.344508	-2.90269	0.163521	0.371618	-2.69094	0.0509305	0.0909202	-10.9987	0.730473	0.794368	-1.25886	0.616001	1.40757	1.40757	0.911263	1.07704	1.07704	0.0334488	0.191247	-5.22885	1.57577	22.1611	6.23859	1
cg19069416	PLXNA3	0.0600245	0.678386	1.09747	1.09747	0.7169969	1.08526	1.08526	0.7666	1.01282	1.01282	0.880942	1.13515	1.13515	0.495269	1.83894	1.83894	0.9276	1.02786	1.02786	0.8307282	0.351938	-2.84144	0.1249	1.12873	1.12873	0.4648	0.674115	0.829947	-1.2049	-1.40684	0.674115	0.829947	1.204901	0.352206	1
cg22483743	TRERF1	0.0600246	0.0823589	0.679643	-1.47136	0.287091	0.801049	-1.24836	0.0243203	0.583515	-1.71375	0.399425	1.18901	1.18901	0.00658086	0.49253	-2.03033	0.719086	0.930078	-1.07518	0.544596	0.884205	-1.13096	0.440909	1.17084	1.17084	0.0828573	0.680158	-1.47025	1.57656	2.01415	0.567006	1
cg16636182	KDM4B	0.0600248	0.0470465	0.273086	-3.66185	0.0609998	0.298501	-3.35007	0.0400522	0.259004	-3.86094	0.716717	1.232	1.232	0.0109932	0.159287	-6.27797	0.464235	0.652783	-1.5319	0.0240658	0.226126	-4.42264	0.787214	1.16755	1.16755	0.759093	0.838518	-1.19258	1.57656	16.3941	4.65153	1
cg17341136	GAUN7	0.0600258	0.542034	0.621717	-1.60845	0.272264	2.41073	2.41073	0.995287	0.995462	-1.00456	0.636287	0.6929946	-1.44311	0.134571	1.288724	3.46352	0.142862	0.297418	-3.36237	0.00179382	0.0326878	-30.5924	0.953857	1.00457	1.00457	0.2308111	0.379872	-2.63247	1.57754	29.6508	8.34709	1
cg07919493	PDILT	0.0600264	0.0260856	1.50931	1.50931	0.484884	0.89524	-1.11702	0.00567576	0.567945	-1.76073	0.392206	1.14645	1.14645	0.530969	0.905786	-1.10401	0.6609244	1.07124	1.07124	0.18124	1.2477	1.2477	0.989425	1.00207	1.00207	0.8780044	1.02423	1.02423	1.57552	1.21566	0.342227	1
cg12592716	CUL1	0.0600267	0.0423437	0.3086	-3.23992	0.1018487	0.506501	-1.96483	0.7626987	0.9142	-1.09373	0.1723	0.5340144	-1.87233	0.0242417	0.2201137	-4.54206	0.1497707	0.6555	-1.52553	0.0188982	0.1244	-8.03644	0.0154342	0.1607	-6.22355	0.0472165	0.0782316	-1.27826	0.4282222	0.7626661	-1.3112	1.57576	0.5797	0.3016	1
cg27263632	FSCN2;FSCN2	0.0600317	0.0278569	0.262522	-3.8092	0.257106	0.544111	-1.83786	0.176792	0.477629	-2.09367	0.269793	1.80636	1.80636	0.0311706	0.272179	-3.67406	0.0480654	0.31264	-3.19857	0.0478637	0.312222	-3.20287	0.850782	1.10176	1.10176	0.0393203	0.293204	-3.4106	1.57541	13.2408	3.72761	1
cg26010346	STAT2;APOF	0.0600402	0.0884731	0.631576	-1.58369	0.4718757	0.548664	-1.82265	0.1558572	0.4256152	-2.34984	0.1630472	0.7390269	-1.35325	0.1339542	0.7540267	-1.32684	0.2206135	0.3104572	-3.22065	0.1034247	0.2301705	-4.25294	0.0889788	0.191289	-5.22768	0.0285558	0.187182	-5.34244	1.57567	0.342367	0.342367	1.204901	0.352206	1
cg17745210	PSPH	0.0600346	0.606367	0.873609	-1.14648	0.5570484	0.571346	-1.75025	0.00820245	0.415071	-2.40923	0.428194	1.23403	1.23403	0.181988	0.691919	-1.44525	0.56028	0.858037	-1.16545	0.302083	0.757344	-1.3204	0.475214	1.20776	1.20776	0.0136921	0.452678	-2.20907	1.57535	3.37963	0.951468	1
cg19597449	CC125	0.0600357	0.0561139	0.756323	-1.32218	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	S(Test)	SE(Error)	t(Error
cg21169762	STON2	0.0601103	0.0169363	0.383766	-2.61941	0.467209	0.783885	-1.2757	0.16428	0.6153586	-1.62976	0.323831	0.39847	1.99847	0.013504	0.365548	-2.73562	0.464959	1.27733	1.27733	0.208028	1.54791	1.54791	0.922184	1.0413	1.0413	0.152023	0.603461	-1.65711	0.3558	5.41445	1.52508	1
cg17968347	SERPINE1;SERPINE1	0.0601132	0.432542	1.49464	1.49464	0.092178	2.53178	2.53178	0.758643	1.16724	1.16724	0.093718	2.5215	2.5215	0.015394	1.5542	1.5542	0.172419	2.07236	2.07236	0.00665345	5.85295	5.85295	0.0263359	3.75001	3.75001	0.0149201	4.49103	4.49103	3.55574	12.583	3.54432	1
cg12413346	TMEM62	0.0601138	0.0805078	0.534473	-1.871	0.199895	1.54904	1.54904	0.503962	1.24503	1.24503	0.684721	1.14102	1.14102	0.0685288	0.517382	-1.93281	0.749005	0.90181	-1.10888	0.00567518	3.23047	3.23047	0.51333	0.807163	-1.23891	0.973243	1.0109	1.0109	1.55572	5.21977	1.47028	1
cg11960711	ITGB1BP3;ITGB1BP3	0.0601145	0.983877	1.00486	1.00486	0.0608545	1.65966	1.65966	0.386058	1.23744	1.23744	0.398973	0.822991	-1.22603	0.077453	1.0068	1.0068	0.738504	1.08382	1.08382	0.00236809	2.76328	2.76328	0.25744	0.753252	-1.32758	0.357221	1.25485	1.25485	1.55572	2.87303	0.809263	1
cg25285383	TGFBR3	0.0601145	0.071131	0.791735	-1.26305	0.334198	1.12307	1.12307	0.437307	1.09614	1.09614	0.818113	1.02704	1.02704	0.835288	1.02441	1.02441	0.023266	1.36913	1.36913	0.00633589	1.50945	1.50945	0.766718	0.966122	-1.03507	0.777751	0.967251	-1.03332	1.55571	0.670728	0.188928	1
cg15687240	RRAGC	0.0601155	0.028299	2.51107	2.51107	0.291279	1.47609	1.47609	0.371763	1.38555	1.38555	0.745788	1.12263	1.12263	0.0199743	1.98412	1.98412	0.178802	1.66178	1.66178	0.370016	2.72083	2.72083	1.38729	0.542373	0.8083089	-1.24519	0.072271	0.490685	-2.03797	1.5557	6.31954	1.78007	1
cg11329129	EPS8L2	0.0601161	0.0138417	2.52718	2.52718	0.268556	0.703817	-1.42082	0.0403503	0.485862	-2.0582	0.652283	0.87088	-1.14826	0.149395	1.60188	1.60188	0.691286	1.12937	1.12937	0.0837824	0.558079	-1.79186	0.270483	1.41866	1.41866	0.763196	0.912015	-1.09647	1.55568	4.64311	1.30787	1
cg23782616	HMSD	0.0601163	0.123074	14.3697	14.3697	0.187455	0.28814	9.28814	0.0545849	32.4205	32.4205	0.150932	11.6534	11.6534	0.163941	0.0997143	-10.0315	0.423485	3.68466	3.68466	0.907598	1.20372	1.20372	0.0119633	148.785	148.785	0.0216902	81.2099	81.2099	3.55567	127.203	35.8305	1
cg21184111	RCL1	0.0601165	0.00388802	0.65127	-1.53546	0.116991	0.76037	-1.41569	0.691661	0.956964	-1.04497	0.0805555	0.807448	-1.23847	0.929007	1.07588	1.07588	0.195805	0.859882	-1.16295	0.737822	0.968704	-1.03231	0.62996	0.947841	-1.05503	0.929551	1.01031	1.01031	1.55567	0.608595	0.171429	1
cg00504902	HLA-F;HLA-F;HLA-F	0.0601178	0.0625514	3.79111	3.79111	0.254074	2.13243	2.13243	0.0369233	4.66875	4.66875	0.206103	2.33499	2.33499	0.0353796	4.7483	4.7483	0.677885	1.30419	1.30419	0.143701	0.36828	-2.71533	0.0191268	6.06765	6.06765	0.101986	3.12083	3.12083	1.55564	20.2056	5.69157	1
cg06954146	DPP3	0.0601190	0.965476	0.0043	-1.6961	0.174025	2.35462	2.35462	0.0170963	2.39982	2.39982	0.0193614	0.519848	1.92381	0.0568088	2.07178	2.07178	0.274176	0.505406	-1.97861	0.649584	0.760088	1.31564	1.31564	0.0488218	2.04929	2.04929	1.61469	1.61469	1.55561	17.9757	5.03635	1
cg01222180	GPR50	0.0601204	0.244365	0.430394	-2.32345	0.274076	2.19859	2.19859	0.595398	1.44918	1.44918	0.0266813	6.15852	6.15852	0.964936	0.0700329	-1.0309	0.418376	0.7454	0.7454	0.0488223	13.2317	13.2317	0.403449	1.80728	1.80728	0.155559	23.9478	6.74579	1
cg02935165	GNAT	0.0601205	0.583364	0.577995	-1.73091	0.0881752	28.1743	28.1743	0.342714	0.433842	-2.42223	0.300962	0.351621	-2.84405	0.0304954	0.0810242	-12.3393	0.140627	2.13784	2.27384	?	?	0.345089	0.382489	-2.61445	0.723395	0.702004	-1.42267	1.39937	43.9918	13.7912	1
cg00113050	LTS2	0.0601205	0.2945	0.714012	-1.40054	0.0145152	2.55469	2.55469	0.0476187	2.01749	2.01749	0.527563	1.21933	1.21933	0.153812	0.6230062	-1.60493	0.217762	0.669177	-1.49437	0.455189	1.26575	1.26575	0.374807	0.754105	-1.32607	0.128142	0.60075	-1.66459	1.55559	4.79727	1.35133	1
cg07085396	TUBB6	0.0601226	0.136984	0.628197	-1.59186	0.00585703	0.351031	-2.84875	0.0190906	0.0613497	-2.41565	0.2057	0.67879	-1.47351	0.0105981	0.599045	-1.66932	0.228508	0.69295	-1.4431	0.5831	0.851403	-1.17453	0.0524608	0.527292	-1.89648	0.0587324	0.538138	1.85826	1.55554	4.20939	1.18575	1
cg11585425	ACTR2;ACTR2	0.0601232	0.796362	0.960204	-1.04145	0.0815151	1.34747	1.34747	0.0606306	1.43906	1.43906	0.0208627	0.659098	-1.51536	0.868404	1.14821	1.14821	0.405835	0.868047	1.15256	0.913385	1.0164	1.0164	0.0588165	0.720881	-1.37578	0.536091	1.09959	1.09959	1.55553	1.1648	0.314559	1
cg25915536	SMAD6;SMAD6;SMAD6	0.060124	0.461482	1.28297	1.28297	0.212415	0.646265	-1.54735	0.277419	0.686981	-1.45564	0.00449263	0.283925	-3.52206	0.225722	0.655168	-1.52633	0.403218	0.752526	-1.32886	0.0421373	2.17757	2.17757	0.725747	0.889531	-1.12419	0.772293	0.908261	-1.101	1.55552	5.5213	1.55531	1
cg12661092	SUT1	0.0601277	0.133428	0.755429	-1.32375	0.728646	0.778349	-1.28477	0.215851	0.797214	-1.25437	0.886049	1.02858	1.02858	0.920538	1.00258	1.00258	0.303369	1.2022	1.2022	1.2022	0.0296677	1.55721	1.55721	0.0216869	1.72036	1.72036	0.462367	1.13796	1.13796	0.975254	1.00537	1.00537	1.55544	1.49118	0.420065	1
cg23731781	PEAR1	0.0601297	0.189883	0.710865	-1.40705	0.0845211	2.52463	2.52463	0.725091	-1.38638	0.153651	0.670321	-1.49184	0.4860513	2.23236	0.212307	0.0339	0.755137	1.32426	1.32426	0.0473204	0.00407862	0.387727	-2.57917	0.0499509	0.577226	-1.73242	0.0337215	0.543599	-1.83959	0.437234	1.19614	1.1554	3.01926	0.850537	1
cg00427296	MYH10	0.0601302	0.195685	0.716496	-1.39568	0.919399	1.02101	1.02101	0.00338511	2.63999	2.63999	0.883133	0.964799	-1.03649	0.836181	1.05174	1.05174	0.439162	1.21195	1.21195	0.0746758	0.616482	-1.62211	0.175632	1.42027	1.42027	0.908417	0.972354	-1.02843	1.55539	2.96614	0.835576	1
cg25745600	NAA16;NAA16;NAA16	0.0601307	0.473434	0.695052	-1.43908	0.00973225	0.5394	1.5394	0.0835031	2.59588	2.59588	0.253176	2.98558	2.98558	0.383958	2.59265	2.59265	0.320293	1.65679	1.65679	0.848575	1.09988	1.09988	0.0436881	3.17261	3.17261	0.976265	1.01492	1.01492	1.55538	12.3887	3.48907	1
cg25149510	METTL14	0.0601328	0.952541	0.987358	-1.0128	0.0195967	0.547243	-1.82734	0.0251584	0.554196	-1.80442	0.0701125	0.541563	1.541563	0.245516	0.771322	-1.29647	0.68759	0.917216	-1.09026	0.0325108	0.548735	-1.70726	0.811812	0.950292	-1.05231	0.424443	0.839984	-1.1905	1.55534	2.28352	0.64329	1
cg24097436	SLC4A2;CDK5;CDK5	0.0601332	0.944752	1.0412	1.0412	0.0858514	0.708734	-1.41114	0.345457	1.14489	1.14489	0.16308	0.747474	1.338	0.0674744	0.999398	-1.00096	0.451924	1.05406	1.05406	0.0810842	0.553187	-1.80827	0.0115531	1.05	1.05	0.0663989	0.963489	1.03727	1.55531	1.04282	0.249022	1
cg07725183	NOTCH4	0.0601362	0.284673	0.708885	-1.41067	0.794025	0.922189	-1.08438	0.0335625	0.463637	-2.15686	0.0145714	0.393969	-2.53827	0.0169567	0.405949	2.46336	0.53417	1.822905	-1.21521	0.0997663	0.572099	-1.74795	0.0181924	0.411604	-2.42952	0.132915	0.605358	-1.65192	1.55527	4.78963	1.34932	1
cg22850387	STK19;STK19;DOM3Z;STK19	0.0601366	0.513547	1.21104	1.21104	0.373675	0.768038	-1.30202	0.909304	1.03148	1.03148	0.0813579	0.572159	-1.74777	0.248884	0.705874	-1.41668	0.657192	0.536915	-1.86249	0.0078203	2.63639	2.63639	0.783405	1.08285	1.08285	0.0976983	1.60667	1.60667	1.55526	4.17374	1.17581	1
cg19881177	ZNF367	0.0601376	0.564031	1.16631	1.16631	0.874383	1.04262	1.04262	0.206844	1.42075	1.42075	0.75819	1.09977	-1.08407	0.30468	1.32367	1.32367	0.445643	0.814873	-1.22719	0.0024585	1.52523	-1.07198	0.753403	1.16847	1.16847	0.116849	1.22707	1.39628	1.39628	1.55524	3.47741	0.97965	1
cg20593274	SNORD9;CHD8;CHD8	0.0601386	0.457306	1.20924	1.20924	0.180116	0.699571	-1.42945	0.566684	0.864709	-1.15646	0.83128	1.05433	1.05433	0.0180754	0.486403	-2.05591	0.173088	0.694978	1.4389	0.0319562	1.87921	1.87921	0.338294	0.780553	-1.28114	0.0417037	0.55473	-1.80268	1.55522	3.14819	0.886909	1
cg20338182	HEPACAM2	0.0601398	0.0959268	0.72497	-1.44529	0.579645	1.82927	1.2137	0.334301	1.64095	-2.74653	0.802633	0.854785	-1.16982	0.0219383	2.24174	-1.46283	0.0918009	0.682353	1.46535	0.0239774	4.46283	0.0918009	0.682353	1.46535	0.0239774	4.46283	0.0918009	0.682353	1.46535	0.0239774	4.46283	1.55517	0.729739	-1.37038	0.0444182	2.25443	4.42712	1.55517	10.6154	5.52611	1
cg04637204	NUAK1;NUAK1	0.060141	0.00389112	0.407131	-2.45621	0.874832	1.03711	1.03711	0.722329	0.9283	-1.08598	0.913638	0.967203	-1.03398	0.925734	-1.0254	1.03694	0.649181	0.44155	-2.26468	0.0047198	0.581201	-1.72058	0.912774	1.07019	1.07019	0.143108	1.45731	1.45731	1.55517	1.67032	0.752294	1
cg26652054	MADCAM1;MADCAM1	0.0601467	0.265245	1.12353	1.12353	0.00274973	1.51362	1.51362	0.312413	1.11052	1.11052	0.256044	1.1263	1.1263	0.753188	0.968851	-1.03215	0.224984	0.879987	-1.13638	0.0562101	1.24225	1.24225	0.18747	1.15043	1.15043	0.454734	1.07938	1.07938	1.55505	0.5028	0.141674	1
cg26555556	PSMD2	0.0601469	0.608337	1.1469	1.1469	0.0759118	2.54525	2.54525	0.144021	1.70593	1.70593	0.00531603	2.64847	2.64847	0.0178301	1.07593	1.07593	0.205946	1.42009	1.42009	0.0236408	1.088	1.088	0.0146585	1.39362	1.39362	0.113862	1.5261	1.5261	1.55505	5.51392	1.58996	1
cg11230802	FCRLA	0.0601489	0.999537	0.999867	-1.00011	0.510406	0.857946	-1.1655	0.631686	0.895088	-1.11721	0.787475	0.939873	-1.06397	0.206061	1.35811	1.35811	0.00521389	0.429172	-2.33007	0.117975	1.47634	0.437964	0.0373901	0.57445	-1.7408	0.725542	1.08425	1.08425	1.555	2.63149	0.741395	1
cg06976020	CBX4	0.0601490	0.221027	0.784553	1.27477	0.0155604	1.40504	1.40504	0.186638	1.08250219	1.08250219	0.265559	1.18342	1.18342	0.0499512	1.83731	1.83731	0.626707	0.843144	1.18603	0.0284802	1.14489	0.873264	1.14489	1.14489	0.873264	1.14489	0.873264	1.14489	0.873264	1.14489	0.873264	1.14489	1.55499	1.1716	0.290722	1.18812	0.842166	0.245511	1
cg16238921	XKR9;LACTB2	0.0601498	0.747291	1.04008	1.04008	0.217619	1.17076	1.17076	0.0817957	1.26417	1.26417	0.0130029	1.45441	1.45441	0.0174172	1.42173	1.42173	0.655488	1.0561	1.0561	0.357659	1.12185	1.12185	0.473367	0.915176	-1.09269	0.112978	0.810843	-1.23328	1.55499	0.738221	0.207987	1
cg19939077	PPIF	0.0601501	0.0582807	0.424943	-2.35326	0.0095687	0.310362	-3.22204	0.357228	0.713554	-1.40144	0.290359	0.67629	-1.47866	0.0239763	0.382916	-2.61154	0.149283	0.576268	-1.7353	0.151719	0.578429	-1.72882	0.0127957	0.332137	-3.0108	0.367015	0.7187	-1.3914	1.54998	6.34844	1.78862	1
cg19871792	ADAR;ADAR;ADAR;ADAR	0.0601512	0.358754	1.0855	1.0855	0.0847833	1.48877	1.48877	0.0153618	1.48877	1.48877	0.0130318	1.84941	1.84941	0.634222	0.947598	-1.05853	0.732054	0.944708	-1.05853	0.0973054	1.08627	1.08627	0.0119455	1.86186	1.86186	0.0145994	1.54594	1.09957	1.09957	0.0276979	1.36186	0.0836	0.192426	1
cg20325921	GPR20	0.0601531	0.772459	1.29294	1.29294	0.0458767	2.59828	2.59828	0.0184385	12.5949	12.5949	0.772381	0.773358	-1.29306	0.0278124	0.0998544	-10.0146	0.739862	0.744326	-1.3435	0.947505	1.06008	1.06008	0.0874546	0.187898	-5.32205	0.943752	1.06452	1.06452	1.55492	39.2357	11.0546	1
cg01060593	FSAMB1;TBP NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR	0.0601533	0.63907	1.63982	1.63982	0.0234292	3.12234	3.12234	0.117388	2.12585	2.12585	0.197191	1.83041	1.83041	0.742311	0.86389	-1.15755	0.574229	0.777479	-1.28621	0.0113976	2.045515	-1.47206	0.0107866	1.34546	1.34546	0.0838404	1.50682	1.50682	1.54991	9.82544	2.76829	1
cg20753294	3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0601536	0.132894	0.774606	-1.29091	0.279487	0.890069	-1.12351	0.766943	1.04793	1.04793	0.0114119	1.64665	1.64665	0.919515	1.00524	1.00524	0.633489	1.0786	1.0786	0.505866	1.11219	1.11219	0.0918248	1.55751	1.55751	0.124101	0.769216	-1.60003	1.55491	5.2358	1.34931	1
cg14513298	ANK2;ANK2;ANK2	0.0601538	0.0458312	1.2403	1.2403	0.0178487	1.12464	1.12464	0.0138728	1.61626	1.61626	0.0102661	1.92845	1.92845	0.0139402	1.32462	1.32462	0.184185	1.68955	1.68955	0.0164362	2.13855	2.13855	0.0254958	2.68668	2.68668	0.0254958	2.68668	2.68668	1.55488	6.92585	2.35136	1
cg18457106	CNorf57	0.0601552	0.307688	0.751077	-1.33142	0.00251729	0.321182	-3.1135	0.0259988	0.488556	-2.04685	0.241533	0.71725	-1.39421	0.0574726	0.839873	-1.06397	0.206061	1.35811	1.35811	0.0052189	0.429172	-2.33007	0.117975	1.47634	0.437964	0.0373901	0.57445	-1.7408	0.725542	1.08425	1.0855	1.55488	2.63149	0.741395	1
cg00676020	KIF7S	0.0601558	0.521027	1.18564	1.18564	0.41535	0.842109	-1.18688	0.0134184	0.470004	0.470004	0.0134184	0.842109	-1.18688	0.0134184	0.470004	0.470004	0.0134184	0.842109	-1.18688	0.0134184	0.470004	0.470004	0.0134184	0.842109	-1.18688	0.0134184	0.470004	0.470004	0.0134184	0.842109	-1.18688	0.0134184	1.55488	1.1716	0.290722	1.18812	0.842166	0.245511	1
cg14025978	XKR6	0.0601599	0.184263	0.571227	-1.75062	0.69887	0.856797	-1.16714	0.288674	1.54949	1.54949	0.41544	0.718245	-1.39228	0.00423229	0.218187	-4.58322	0.268956	0.64555	-1.54907	0.145737	1.86079	1.86079	0.168608	1.79184	1.79184	0.804202	1.1038	1.1038	1.55478	7.89823	2.2254	1
cg09435821	SCRT2;SCRT2	0.0601616	0.0639945	0.447007	-2.2456	0.313125	1.50408	1.50408	0.0596426	0.424258	0.424258	0.0129856	0.717951	1.39321	0.0178641	0.504266	-1.98275	0.468543	0.704761	-1.41932	0.0205456	0.548212	0.548212	0.0154274	0.515274	-1.94028	0.0434298	0.684594	-1.46072	1.55478	3.75315	1.06963	1
cg24430322	SORCS2	0.0601602	0.0967485	0.75764	-1.32316	0.606828	0.922087	-1.08445	0.310848	0.758525	0.758525	0.0129856	0.717951	1.39321	0.0178641	0.504266	-1.98275	0.468543	0.704761	-1.41946	0.0218361	0.550498	0.550498	0.0155264	0.5164	0.3886	-1.5435	0.0734578	0.840737	-1.18943	1.54977	3.17868	0.332106	1
cg05161938	TNN	0.0601608	0.430433	0.801258	-1.24804	0.573907	1.1703	1.1703	0.714185	1.10658	1.10658	0.730297	1.10406	1.10406	0.00165136	0.28938	-3.45566	0.32011	0.753632	-1.32691	0.264855	1.37704	1.37704	0.266237	0.726922	-1.37566	0.442217	0.805954	-1.24077	1.55476	3.78731	1.06712	1
cg08304102	FZD4	0.0601623	0.944357	0.979107	-1.02139	0.0750118	1.08245	1.08245	0.0178505	1.09514	-1.00914	0.0541559	0.640949	-1.23822	0.0219064	1.56147	1.56147	0.238047	0.818406	-1.22225	0.0296554	0.435663	-2.40579	0.794629	0.902667	-1.10783	0.687229	0.757996	1.31938	1.55475	2.69868	0.74693	1
cg05838308	TGFBI	0.0601633	0.064318	0.307335	-3.25378	0.559933	0.583344	-1.71426	0.0327308	0.24216	-4.12915	0.586146	0.701952	-1.36621	0.181475	0.447014	-2.23707	0.791459	0.863046	-1.16232	0.0029919	0.0991359	-10.0872	0.244249	0.500834	-1.99667	0.0478622	0.276912	-3.61125	1.54671	16.0976	4.53575	1
cg18759209	RMP7	0.0601637	0.666028	1.34259	1.34259	0.0166652	6.1587	6.1587	0.497326	1.48796	1.48796	0.0179981	0.190593	-5.24677	0.113449	0.570315	-2.70041	0.179722	2.74703	2.74703	0.0154443	0.899484	-1.11175	0.893244	1.08052	1.08052	0.7256	0.816089	-1.22536	1.5467	16.6189	4.64264	1
cg05907404	ELFN2	0.0601647	0.0493602	3.26247	3.26247	0.00554201	2.08575	2.08575	0.0144257	2.85044	2.85044	0.0174819	2.13945	2.13945	0.00999404	2.58574	2.58574	0.178504	2.16177	2.16177	0.0153838	2.97081	2.97081	0.122344	2.14666	2.14666	0.216603	1.98604	1.98604	1.54668	11.8761	3.09084	1
cg04963651	ERH	0.0601656	0.187795	0.868215	-1.15179	0.0729802	0.731258	-1.36751	0.273061	0.836501	-1.19545	0.927203	0.9858	-1.0144	0.0103128	0.672966	-1.48596	0.002276	0.512767	-1.9502	0.25908	0.831709	-1.20234	0.776397	1.04557	1.04557	0.588494	0.918172	-1.08912	1.54666	1.223377	0.344823	1
cg24205250	SPEG	0.0601661	0.21824	0.747125	-1.33826	0.0748383	2.12305	2.12305	0.5893	1.18613	1.18613	0.0305	1.47273	1.47273	0.141326	1.14256	1.14256	0.152892	1.49373	1.49373	0.0102864	2.15248	2.15248	0.0210603	1.54073	1.54073	0.107305	1.62463	1.49363	1.49363	0.0202669	7.80521	1.74065	1.58712	1
cg13565492	SRF;SRF	0.0601679	0.3130881	0.804345	-1.24325	0.0246586	0.572185	-1.74769	0.0310994	0.589783	-1.69554	0.0375658	0.604442	-1.65442	0.166861	0.73526	-1.36006	0.101764	0.688122	-1.45323	0.0775163	1.50599	1.50599	0.922091	1.02062	1.02062	0.66567	0.913278	-1.09496	1.54662	2.17548	0.612993	1
cg00652126	HSPGBAB1	0.0601684	0.691005	0.919394	-1.0941	0.0969739	1.50689	1.50689	0.523749	0.868153	-1.15448	0.0175758	1.91618	1.91618	0.559708	0.875673	-1.14198	0.816755	0.946095	-1.05364	0.0113841	0.498153	0.498153	0.0140119	0.431436	0.834653	-1.1981	0.414505	1.20628	1.54586	2.53133	0.713267	1
cg13032136	MYO7A;MYO7A;MYO7A	0.0601695	0.161591	2.88725	2.88725	0.233101	2.43803	2.43803	0.0488454	4.93179	4.93179	0.542473	1.54857	1.54857	0.175649	2.27847	2.27847	0.141902	1.06532	1.06532	0.0443228	14.3193	14.3193	0.0112717	2.50301	2.50301	0.0117464	2.80645	2.80645	1.54558	25.1385	7.08346	1
cg20243667	TFF1	0.0601761	0.178459	0.744955	-1.34236	0.360437	1.21366	1.21366	0.537629	1.13717	1.13717	0.185308	0.748787	-1.33549	0.439963	0.907532	-1.10189	0.144587	0.724159	-1.38091	0.00971285	1.96154	1.96154	0.0399675	0.613256	-1.63064	0.72295	0.931002	-1.07411	1.55445	2.11919	0.597166	1
cg17580045	CCND2	0.0601764	0.944537	0.979107	-1.02148	0.0751118	1.08245	1.08245	0.0178505	-1.00914	-1.00914	0.0541559	0.640949	-1.23822	0.0219064	1.56147	1.56147	0.238047	0.818406	-1.22225	0.0296554	0.435663	-2.40579	0.794629	0.902667	-1.10783	0.687229	0.757996	1.31938	1.55475	2.69868	0.74693	1
cg20048529	SMURF1;SMURF1	0.060177	0.0292952	0.624935	-1.60017	0.238189	0.792301	-1.26215	0.118111	0.726333	-1.37678	0.073174	0.686232	-1.45723	0.189606	0.769646	-1.2993	0.439545	0.861954	-1.16015	0.0053004	0.500328	-1.99869	0.0286999	0.649243	-1.54023	0.0550307	0.663682	-1.50675	1.55443	1.77399	0.499895	1
cg21403761	SLC13A4	0.0601805	0.0201771	0.480853	-2.08016	0.0342348	0.464407	-2.15396	0.0136206	0.313316	-3.19167	0.0160764	0.695137	-1.43882	0.0151153	0.460774	-2.17102	0.31185	0.775475	-1.28952	0.0162764	0.374344	-2.67124	0.615708	0.74222	-1.34722	0.0106732	0.306683	-3.26207	1.54616	1.53468	0.348253	1
cg18083258	CADM3;CADM3	0.0601776	0.332373	0.513721	-1.94658	0.0818833	0.845774	-1.18235	0.206487	0.42906	0.42906	0.284251	0.09791	0.09791	0.0566025	0.237541	4.20979	0.396694	0.560973	-1.78262	0.0505053	0.0846132	-11.8185	0.754176	0.811207	-1.23273	0.0694381	0.258535	-3.86795	1.54642	22.1646	6.24579	1
cg25204988	NF1;NF1;NF1	0.0601777	0.388093	1.15687	1.15687	0.504114	1.1179	1.1179	0.39807	0.867365	-1.15292	0.119203	0.756885	-1.32121	0.946319	1.01115	1.01115	0.727506	0.94005	-1.05932	0.0334768	0.518056	-1.93029	0.259652	1.21373	1.21373	0.173618	1.26931	1.26931	1.54641	1.35562	0.382

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Ratio(3477 vs. 477)	p-value(3537 vs. N)	Ratio(3537 vs. 537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error	
cg01350676	RXRB	0.0602468	0.31383	1.2078	1.2678	1.00786639	2.17442	2.17442	0.284302	0.776184	-1.28835	0.432937	1.19996	1.19996	0.918988	1.02344	1.02344	0.604833	1.12627	1.12627	0.112039	0.674241	-1.48315	0.0382193	1.72831	1.72831	0.0990924	1.50963	1.50963	3.15296	2.5911	0.73049	1
cg08736446	HELT	0.0602497	0.523003	0.913356	-1.09486	0.804223	0.965825	-1.03538	0.0274473	1.44087	1.440487	0.0305448	0.700594	-1.42736	0.957125	1.12940	1.12940	0.08213	1.3095	1.3095	0.157655	1.23556	0.623437	0.933062	-1.07174	0.0550901	1.35593	1.35593	3.15294	0.978788	0.275944	1
cg14213238	RPS6KA5;RPS6KA5	0.0602499	0.961602	1.00809	1.00809	0.110639	0.747655	-1.33752	0.80643	1.04192	1.04192	0.709355	1.06464	1.06464	0.060887	0.702272	-1.42395	0.297567	0.834725	-1.198	0.241657	1.22756	1.22756	0.00561932	1.83702	1.83702	0.479479	1.12779	1.12779	3.15293	1.39751	0.393992	1
cg03894975	PTPRU;PTPRU;PTPRU	0.0602507	0.0282837	11.7438	11.7438	0.109372	5.99653	5.99653	0.093339	6.64518	6.64518	0.0869158	6.95966	6.95966	0.562935	0.548798	-1.82233	0.219046	3.76707	3.76707	0.0684024	8.11276	8.11276	0.00769942	33.5645	33.5645	0.0488361	10.084	10.084	3.15292	52.5725	1.84216	1
cg12610564	SLC39A12;SLC39A12	0.0602512	0.897487	0.963829	-1.03271	0.897247	1.03279	1.03279	0.146167	0.67739	-1.47626	0.608879	0.879102	-1.13752	0.0134695	0.465876	-2.14649	0.156098	0.684646	-1.46061	0.0347305	1.84891	0.459974	1.20664	1.20664	0.00532679	0.581279	-1.72035	0.51291	3.11302	0.877644	1
cg05099576	IRX6	0.0602539	0.661717	1.27089	1.27089	0.0673034	1.053665	1.053665	0.751791	0.841341	-1.18858	0.164373	1.24292	1.24292	0.227809	1.99225	1.99225	0.182683	2.25541	2.25541	0.224038	2.00462	2.00462	0.00749778	6.51401	6.51401	0.00762889	4.67331	4.67331	3.15285	14.8026	4.17333	1
cg12592610	TRIM26	0.0602545	0.135474	0.632125	-1.58197	0.1292	0.626815	-1.59537	0.16618	0.656471	-1.5233	0.560269	0.84545	-1.1828	0.00140521	0.267558	-3.7375	0.482688	0.815969	-1.22554	0.562563	0.846298	-1.18162	0.690801	1.12072	1.12072	0.161375	0.652889	-1.53165	0.58284	4.05754	1.14395	1
cg09320126	WDR86	0.0602548	0.0712218	0.589127	-1.69741	0.121253	0.706675	-1.41508	0.122799	0.645561	-1.55385	0.0847993	0.605059	-1.65273	0.0134643	0.446427	-2.24001	0.00972707	0.422642	-2.36607	0.16882	1.28238	1.28238	0.695984	0.901664	-1.10906	0.2598001	0.733549	-1.36323	0.51283	3.46968	0.978219	1
cg00384137	ZNF57 RAB11FIP1;RAB11FIP1;RAB11FIP1;RAB1	0.0602555	0.0224642	0.423852	-2.35931	0.655061	1.15162	1.15162	0.992601	1.00292	1.00292	0.102292	0.710234	1.12431	1.12431	0.765914	0.910522	1.09827	0.00433359	0.302091	-3.31026	0.257112	1.44965	1.44965	0.331361	1.3698	1.3698	1.36978	1.3698	1.3698	1.3698	1.3698	1.3698	1
cg26565476	1FIP1	0.0602557	0.621334	0.873294	-1.14509	0.65946	1.12825	1.12825	0.0366323	0.516464	-1.93624	0.197112	0.690024	-1.44022	0.0037413	0.344664	-2.90138	0.895874	0.964999	-1.03627	0.0598474	0.561145	-1.78207	0.817737	1.06483	1.06483	0.0937201	0.605598	-1.65126	0.15281	3.69701	1.04232	1
cg01800735	NXN	0.0602564	0.142634	0.693464	-1.44204	0.675583	1.10271	1.10271	0.777927	0.90788	-1.10687	0.147307	0.696831	-1.43507	0.0303974	0.553725	-1.80595	0.24086	0.755667	-1.32333	0.0536296	1.66376	1.66376	0.0670102	1.61109	1.61109	0.135996	0.688532	-1.45236	0.1528	2.6944	0.759651	1
cg10235539	PRMT7;SLC7A6OS	0.0602565	0.0107631	0.597031	-1.67431	-1.42261	0.23615	0.872351	-1.14633	0.180288	0.855109	-1.16944	0.975269	0.996596	-1.00242	0.693575	0.943909	-1.05932	0.0434352	0.734441	-1.36125	0.2363764	1.1461	1.1461	0.556808	0.934915	-1.06733	0.5846564	1.26515	1.26515	3.1528	0.6042944	0.570373	1
cg04638942	C6orf48;C6orf48	0.0602566	0.0374416	0.142251	-7.02702	0.0409632	0.149415	-6.69276	0.0174233	0.311957	-3.20557	0.337387	0.275419	-3.63084	0.0317867	0.131569	-7.60058	0.290322	0.412953	-2.42158	0.0149508	0.0896778	-11.151	0.0819189	0.211502	-4.72809	0.0179808	0.0985899	-10.143	1.35279	32.4311	9.14351	1
cg27547344	TIE1	0.0602576	0.300839	0.833067	-1.20038	0.179686	0.784444	-1.27439	0.00703156	0.552323	-1.81054	0.886137	0.975016	1.024071	0.0250801	0.635082	-1.5746	0.185827	0.787423	-1.26997	0.254387	1.22477	1.22477	0.316102	1.19313	1.19313	0.186308	0.787653	-1.2696	1.15277	1.44927	0.408605	1
cg03141697	FUT4;FUT4	0.0602582	0.0035626	0.687746	-1.45403	0.370034	1.09117	1.09117	0.785092	0.974425	-1.02625	0.629857	0.955101	-1.0471	0.0909991	0.69881	-1.43057	0.0195816	0.0471	0.509991	1.96082	0.0310504	2.55424	2.55424	0.0374778	0.45331	-2.20615	0.0170978	0.358098	2.72533	0.975512	-1.02509	0.506283	0.949784	1.02587	0.448602	0.126478	1
cg22222663	TMPRSS13	0.0602593	0.0504484	0.55408	-1.80479	0.846134	0.94985	-1.0528	0.0268449	0.499346	-2.00262	0.779364	0.92832	-1.07721	0.140098	0.656786	-1.52257	0.516387	0.840087	-1.19035	0.0200921	0.475824	-2.10162	0.0245162	0.49188	-2.03102	0.0188698	0.471265	-2.12195	1.52725	3.50205	0.987371	1
cg18238738	ZNF562	0.0602613	0.29617	1.20226	1.20226	0.656847	1.1091	1.1091	0.0390893	0.666267	-1.5009	0.506887	1.12132	1.12132	0.0498956	1.4627	1.4627	0.0609414	1.43213	1.43213	0.0764815	1.39807	1.39807	0.0565184	1.44358	1.44358	0.27365	0.823893	-1.21375	1.3527	1.44382	0.407078	1
cg07048623	BTBD11;BTBD11	0.0602618	0.692168	1.13612	1.13612	0.152533	1.68296	1.68296	0.634281	1.16613	1.16613	0.0247411	2.35697	2.35697	0.52074	1.21853	1.21853	1.23216	0.559849	1.827713	-1.20815	0.0107978	0.358098	-2.79253	0.437249	0.775578	-1.28936	0.157583	1.62359	1.62359	5.13557	1.44796	1
cg09530687	LAMB4 PCDHA6;PCDHA2;PCDHA1;PCDHA8;PC DHA7;PCDHA1;PCDHA6;PCDHA5;PCDH	0.0602622	0.0832014	0.393607	-2.54061	0.0995816	0.415824	-2.40486	0.261394	0.565869	-1.76719	0.00702559	0.18373	-5.44278	0.174091	0.495132	-2.01966	0.350826	0.626986	-1.59493	0.26097	0.523615	-1.9098	0.24531	0.553892	-1.80541	0.0055391	0.169993	-5.88259	1.52668	11.8008	3.3272	1
cg14579239	A8;PCDHA3;PCDH4	0.0602625	0.020142	4.29872	4.29872	0.641136	1.27665	1.27665	0.2799	1.79399	1.79399	0.268007	1.82268	1.82268	0.89647	1.07008	1.07008	0.0360828	3.55492	3.55492	0.0500726	6.90447	6.90447	0.057452	3.05871	3.05871	0.89399	1.07183	1.07183	1.83267	13.5166	3.81097	1
cg19282714	PADI2;PADI2	0.0602632	0.484526	0.710974	-1.40652	0.11659	2.26771	2.26771	0.734527	1.17756	1.17756	0.709034	0.835273	-1.19721	0.0165875	0.245351	-4.07579	0.0200512	3.84705	3.84705	0.857723	1.08999	1.08999	0.166766	2.02969	2.02969	0.208516	0.529049	-1.89018	1.15266	11.5135	3.24623	1
cg01180635	OOK1	0.0602672	0.275519	0.650427	-1.53745	0.971708	0.986583	-1.0136	0.00652697	0.260242	-3.84257	0.0839877	0.482754	-2.07145	0.0249446	0.361941	-2.76288	0.890266	0.948781	-1.05398	0.727648	0.875323	-1.14244	0.191507	1.69329	1.69329	0.106151	0.510638	-1.95834	1.58528	7.24304	2.04222	1
cg27443779	PDE3B;PSMA1	0.0602673	0.0134383	0.5	-2.00001	0.0418	0.0750916	2.316	2.316	0.0139811	1.59841	0.0035284	0.45362	-2.20485	0.0135985	0.268616	-3.72393	0.734441	0.926536	1.08026	0.629161	0.72744	-1.37504	0.124648	0.58202	-1.71822	0.0455397	0.34751	-2.87657	1.15199	0.191823	0.556949	-1.7955	0.52458	0.975093	2.52603	1
cg01508908	SPAG5;ALDOC	0.0602675	0.579363	0.786124	-1.27206	0.598656	1.25642	1.25642	0.988804	0.993988	-1.00605	0.0349192	0.134883	1.34883	0.0889807	0.446559	-2.23935	0.764046	0.87864	-1.13812	0.287963	1.60662	1.60662	0.0073112	4.4212	4.4212	0.215905	1.7502	1.7502	1.31257	9.22234	2.6003	1
cg19967554	UGDT2	0.0602679	0.0505703	0.731347	-1.36784	0.23701	1.17551	1.17551	0.0238557	0.43021	1.45021	0.0466382	0.326195	1.32195	0.0867882	0.443943	-2.25284	0.452078	0.898003	-1.11358	0.985221	1.0026	1.0026	0.0074888	2.29986	2.29986	0.229383	1.91992	1.91992	1.31256	9.98416	2.67792	1
cg25100404	AP1S2	0.0602683	0.0197405	0.614485	-1.62643	0.0518305	0.68233	-1.46557	0.615475	1.09142	1.09142	0.0389015	0.661644	-1.51139	0.0151908	0.559741	-1.67389	0.228049	0.803672	-1.24429	0.812161	1.04198	1.04198	0.0807035	0.715615	-1.3974	0.959137	1.00889	1.00889	1.31256	1.48996	0.420105	1
cg13448906	IGFBP6 MIER1;MIER1;MIER1;MIER1;MIER1;MI	0.0602683	0.678334	0.818303	-1.22204	0.000963499	0.0941148	-10.6253	0.466425	1.42809	1.42809	0.775374	1.14746	1.14746	0.787563	0.878215	-1.13867	0.453252	0.69257	-1.4439	0.708319	0.834693	-1.19804	0.402288	0.662241	-1.51003	0.572141	0.759984	-1.31582	1.52656	11.542	3.25435	1
cg03892937	ER1;MIER1;MIER1;MIER1;MIER1	0.0602696	0.76407	0.963944	-1.03163	0.868497	0.982798	-1.0175	0.0493045	1.26124	1.26124	0.370993	0.909354	-1.09968	0.0701205	0.811036	-1.23299	0.641708	1.04967	1.04967	0.0906945	0.731842	-1.40284	0.451469	1.08259	1.08259	0.140079	1.17846	1.17846	1.52153	0.534221	0.150629	1
cg25593490	WRNIP1;WRNIP1	0.0602717	0.0411303	0.834874	-1.20781	0.222975	1.11713	1.11713	0.476804	1.14658	1.14658	0.175081	1.32744	1.32744	0.0166177	1.66134	1.66134	0.203784	0.637174	-1.56941	0.0420863	2.37607	2.37607	0.0158498	3.97681	3.97681	0.0739569	3.93528	3.93528	1.52149	9.3247	1.57349	1
cg03359183	DACH1;DACH1;DACH1	0.0602723	0.111493	0.674232	-1.48317	0.440562	2.19584	2.19584	0.340453	1.25031	1.25031	0.0562829	0.611697	-1.6348	0.392256	0.819302	1.22055	0.394506	0.820114	-1.21934	0.0232617	1.85283	1.85283	0.0368163	1.73581	1.73581	0.867882	0.96285	-1.03858	1.52427	2.58162	0.727928	1
cg03346733	NANOS3	0.0602723	0.0195264	0.267417	-3.73948	0.0635603	0.377283	-2.65053	0.137063	0.473129	-2.11359	0.136378	0.472416	-2.11678	0.0399448	0.329702	-3.03304	0.0553106	0.36235	-2.75976	0.00752392	0.20434	-4.98917	0.517013	0.735656	-1.35933	0.124914	0.460144	-2.17323	1.52427	10.9026	3.07415	1
cg19416590	ADAM32	0.0602727	0.2200017	1.2883	1.2883	0.0750916	1.59311	1.59311	0.0035284	0.45362	2.20485	0.0135985	0.268616	3.72393	0.734441	0.926536	1.08026	0.629161	0.72744	1.37504	0.124648	0.58202	1.71822	0.0455397	0.34751	2.87657	0.0170978	0.358098	2.72533	0.975512	1.02509	0.506283	0.949784	1.02587	0.448602	0.126478	1
cg04872163	SYNC;SYNC	0.0602737	0.143289	0.836461	-1.19551	0.0348576	1.32208	1.32208	0.0845955	1.24181	1.24181	0.72423	0.96058	-1.04104	0.147016	1.19326	1.19326	0.971687	1.00404	1.00404	0.0190255	0.724468	-1.38032	0.435044	0.913545	-1.09464	0.424089	1.09712	1.09712	1.31244	0.6435609	0.181466	1
cg04533559	ZNF703	0.0602753	0.457473	1.18753	1.18753	0.0429586	1.21567	1.21567	0.0938191	1.07204	1.07204	0.405519	0.858862	-1.16455	0.0203534	0.600388	-1.66559	0.759943	1.04833	1.04833	0.0425258	0.621153	-1.60938	0.0201549	0.77047	1.29784	0.0194227	0.70447	1.03422	1.01269	1.07467	1.03422	0.234255	1
cg08332594	DMPK;DMPK;DMPK;DMPK	0.0602761	0.0539664	5.49987	5.49987	0.0712347	1.80739	1.80739	0.0370849	0.59501	0.59501	0.0938409	0.40252	4.20252	0.162557	3.2541	3.2541	0.123568	3.68852	3.68852	0.0078097	14.3105	14.3105	0.027649	7.60642	7.60642	0.0038704	4.46053	4.46053	1.5224	30.3168	8.54851	1
cg26417427	GANAB;GANAB	0.0602766	0.0517209	0.423539	-2.36106	0.208884	1.67177	1.67177	0.551375	0.791478	-1.26346	0.87529	0.940877	-1.06284	0.0537686	0.42752	-2.33907	0.838534	1.08239	1.08239	0.00856831	0.272191	-3.67389	0.0640644	0.445972	-2.24229	0.110844	0.509627	-1.96222	1.52639	7.51717	2.11964	1
cg02736507	GNG12	0.0602767	0.124008	0.819753	-1.22016	0.0796343	0.722	0.722	0.0173473	0.558458	0.558458	0.0178615	0.558458	0.558458	0.0178615	0.554154	-1.80455	0.240301	0.800604	0.800604	0.0413875	0.798507	1.1962	1.1962	0.0455281	1.25122	1.25122	0.0139403	1.63963	1.63963	1.52838	8.35744	3.59952	1
cg19924104	PEG10	0.0602772	0.0195212	1.42855	1.42855	0.0163825	1.44877	1.44877	0.781319	0.965448	-1.03579	0.351487	1.1288	1.1288	0.125116	1.23176	1.23176	0.59131	1.07089	1.07089	0.0108637	1.49796	1.49796	0.0585252	1.31004	1.31004	0.59185	1.07078	1.07078	1.51237	0.797099	0.224762	1
cg20221336	PEG10;PEG10;PEG10;SGCE;SGCE;SGCE; PARK2;PARK2;PARK2	0.060278	0.0497069	0.456144	-2.19229	0.15812	0.58915	-1.69736	0.0351485	0.422971	-2.36423	0.440648	0.759027	-1.31748	0.00419745	0.26065	-3.83656	0.729372	1.02258	1.02258	0.00244433	0.76907	-1.30027	0.0161703	0.85178	-1.1639	0.747624	1.01696	1.01696	1.52325	0.1934	0.0545941	1
cg04844545	QKI;QKI;QKI;QKI	0.0602785	0.506267	1.04599	1.04599	0.0162816	0.985153	-1.01469	0.0973294	1.03442	1.03442	0.569614	1.05844	1.05844	0.0145171	1.32443	1.32443	0.0671102	1.44	1.44	0.0134699	0.963527	-1.03784	0.0244433	0.76907	-1.30027	0.0161703	0.85178	-1.1639	0.747624	1.01696	1.01696	1.52325	0.1934	0.0545941	1
cg14158801	NCOR2;NCOR2	0.0602791	0.373693	1.52089	1.52089	0.00326282	6.30622	6.30622	0.0100987	0.43862	-4.38862	0.7637	1.14848	1.14848	0.0364374	0.62569	1.62569	0.277132	1.68034	1.68034	0.169864	1.95685	1.95685	0.0918443	1.0047	1.0047	0.972916	1.02783	1.02783	1.52326	1.52361	2.95813	1
cg00090648	C1orf55	0.0602798	0.392319	1.89727	1.89727	0.241516	2.44954	2.44954	0.617527	1.4447	1.4447	0.0160268	0.115988	-8.62155	0.803001	0.833049	-1.20041	?	?	?	?	?	?	0.96003	0.964039	-1.0373	0.0179558	8.1779	8.1779	3.25044	21.3824	7.51806	1
cg23128113	LOC285780	0.0602807	0.0197397	1.65607	1.65607	0.0185153	1.4152	1.4152	0.153553	0.583978	-2.74742	0.221849	0.429494	-2.32852	0.0133809	0.274452	-3.64255	0.069703	0.263128	-3.80044	0.00926384	0.113768	-8.78981	0.0301009	0.144914	-6.90026	0.0038394	0.113768	-8.78981	0.0301009	0.144914	-6.90026	0.0038394	1.52325	0.1934	0.0545941	1
cg02717570	ANKRD138	0.0602807	0.555042	0.946768	-1.05623	0.383755	1.08527	1.08527	0.518222	1.06185	1.06185	0.0972803	0.8836	-1.13173	0.483893	0.936893	1.06736	0.56119	0.947589	-1.05531	0.0123384	0.751651	-1.33041	0.622212	0.955514	-1.04656	0.0114004	1.33666	1.33666	1.5323	0.419145	0.118191	1
cg01844274	SYNE1;SYNE1	0.0602834	0.0568278	0.329766	-4.42543	0.0262781	0.159107	-6.27719	0.155466	0.947685	-2.83567	0.221772	0.408589	-2.44743	0.117234	0.505486	-3.27348	0.214502	0.238656	-4.02324	0.00444566	0.0709992	-14.0847	0.117768	0.317388	-3.15072	0.0736794	0.249155	-4.01357	1.53225	24.3151	6.84845	1
cg06090571	TRAPPC9;TRAPPC9	0.0602834	0.0423736	-2.74237	-5.34703	0.0352967	4.76661	4.76661	0.0178645	0.954595	-1.04756	0.379664	0.403391	-2.47899	0.466823	0.629994	-1.6027	0.214502	0.238656	-4.02324	0.00444566	0.0709992	-14.0847	0.117768	0.317388	-3.15072	0.0736794	0.249155	-4.01357	1.53225	24.3151	6.84845	1
cg23155625	TRAPPC9;TRAPPC9 TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;	0.0602834	0.336417	0.580615	-1.72231	0.23076	0.501783	-1.99289	0.025117	0.23195	-4.31127	0.111429	0.258844	2.58844	0.879501	0.931806	-1.07318	0.974502	0.962622	-1.01769	0.394815	0.555056	0.5896	0.258	0.228565	2.00003	2.00003	1.53225	15.0211	4.23573	1
cg05316006	TCF7L2	0.0602847	0.0142529	0.231286	-4.32365	0.00562513	0.171991	-5.81427	0.0536118	0.345924	-2.8908	0.908782	1.05708	1.05708	0.484837	0.709068	-1.4103	0.871153	1.08179	1.08179	0.429224	1.47823	1.47823	0.851057	0.91298	-1.09531	0.714901	0.837207	-1.19445	1.52222	11.711	3.30237	1
cg03520115	HK2	0.0602867	0.0979709	0.186982	-5.34703	0.0426603	0.30172	-3.31433	0.297246	0.744143	-1.74173	0.202364	0.570675	-1.75231	0.0151215	0.215944	-4.63284	0.0699587	0.153309	-2.83838	0.474044	0.688076	-1.45333	0.468705	0.824658	-1.46036	0.022273	0.24658	-4.05548	1.52418	13.1924	3.7117	1
cg20037470	C17orf79	0.0602869	0.16728	0.876709	-1.14063	0.0110671	1.33971	1.33971	0.0262307	1.27097	1.27097	0.304911	1.09914	1.09914	0.872337	0.985967	-1.01423	0.561594	0.949299	-1.05341	0.353502	1.08856	1.08856	0.0703049	1.19986	1.19986	0.0799493	1.19097	1.19097	1.34236	0.413181	0.0944529	1
cg04600406	UQCR;UQCR	0.0602872	0.731391	0.969872	-1.03106	0.117083	1.16315	1.16315	0.449336	1.07084	1.07084	0.021871	1.27663	1.27663	0.189589	1.13129	1.13129	0.452553	0.934318	-1.0703	0.587258	0.952508	-1.04986	0.302487	1.09947	1.09947	0.00464751	1.39685	1.39685	1.52217	0.939475	0.110957	1
cg05791473	RNG1;RNG1	0.0602882	0.187722	1.04761	1.04761	0.189704	1.12187	1.12187	0.515364	1.14152	1.14152	0.0159902	0.891034	-1.12217	0.0134887	0.553654	-1.80627	0.153512	0.779179	-1.36207	0.0705413	0.479862	-2.08393	0.203294	1.30971	1.30971	0.102078	1.43622	1.43622	1.52216	2.01522	0.568278	1
cg14139051	CDK14	0.0602904	0.384099	0.717478	-1.39377	0.134796	1.82177	1.82177	0.212951	1.62903	1.62903	0.793606	1.10246	1.10246	0.0057911	0.260584	-3.83753	0.17712	1.586435	-1.70522	0.237751	0.613216	-1.58424	0.165783	1.73303	1.73303	0.466158	0.758891	-1.31771	1.3521	0.909851	1.94847	1
cg24931709	RAET1E	0.0602911	0.0158018	0.361214	-2.76844	0.0256291	0.401308	-2.49185	0.234884	0.651314	-1.53536	0.684917	0.868939	-1.15083	0.0105474	0.330225	-3.02824	0.658267	1.16566	1.16566	0.347435	1.39537	1.39537	0.707518	0.878275	-1.1386	0.379544	0.733127	-1.36402	1.52209	5.9203	1.66952	1
cg14011789	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0602915	0.0868468	0.282748	-3.53672	0.0047907	0.0815319	-12.2651	0.137482	0.343529	-2.91096	0.706171	0.776471	-1.28788	0.158603	0.365449	-2.73636	0.0896092	0.286484	-3.49059	0.0144914	0.13699	-7.49105	0.0838891	0.278675	-3.58841	0.275122	0.468396	-2.13494	1.52208	22.2753	6.28165	1
cg14079785	SPTPC	0.0602917	0.4389956	0.8133	-1.22955	0.0054219	0.821282	-1.21752	0.0023503	0.274602	-3.64193	0.0944186	0.814707	-1.22784	0.0045617	0.368455	-2.71359	0.432003	1.16099	1.16099	0.0496705	0.764289	-1.30825	0.0178442	0.88595	-1.12868	0.0196069	0.980569	-1.01982	1.52208	1.72974	0.487788	1
cg12152384	SLC38A4;SLC38A4	0.0602928	0.456034	0.866568	-1.15398	0.193016	1.29677	1.29677	0.437735	0.861283	-1.16106	0.869344	1.03154	1.03154	0.0127099	0.557571	-1.7935	0.167822	0.757815	-1.31958	0.198925	0.77408	-1.29186	0.523362	1.12977	1.12977	0.00916639	0.535655	-1.86687	1.52205	1.77661	0.501011	1
cg26253148	OZZ4	0.0602935	0.6765388	1.05121	1.05121	0.0572316	1.01	1.01	0.0001	0.143	-1.5001	0.0643683	0.4729	-2.1539	0.0137658	0.15576	-6.41955	0.0308828	1.60048	1.60048	0.0243283	0.4729	-2.1539	0.0137658	0.15576	-6.41955	0.0243283	0.4729	-2.1539	0.0137658	0.15576	-6.41955	0.0243283	1.52205	1.77661	0.501011	1
cg26411522	SLC45A1	0.0602943	0.330843	0.559538	-1.78719	0.0606788	0.10714	1.07014	0.0996263	0.351913	-2.84161	0.478576	0.659093	-1.51724	0.0171751	0.218629	-5.36798	0.171289	0.340451	-2.93714	0.0202479	-10.8132	0.308478	0.543358	-1.84041	0.173179	0.432253	2.31346	1.52202	16.7179	4.71453	1
cg18891081	C2orf61;C2orf61;C2orf61;C2orf61	0.0602944	0.12674	2.03855	2.03855	0.0100921	4.05407	4.05407	0.0165026	3.53629	3.53629	0.151194	1.94102	1.94102	0.57744	1.27466	1.27466	0.108454	2.12766	2.12766	0.242862	3.18298	3.18298	0.0452483	2.6925	2.6925	0.166302	1.88972	1.88972	1.31202	9.28156	2.61745	1
cg04044605	C6orf160	0.0602948	0.0039326	0.888752	-1.12509	0.957218	1.01	1.01	0.0001	0.143	-1.5001	0.0643683	0.4729	-2.1539	0.0137658	0.15576	-6.41955	0.0308828	1.60048	1.60048	0.0243283	0.4729	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25977026	KDM1A;KDM1A	0.0603814	0.0521701	0.197711	-0.0579	0.14381	0.314977	-1.17484	0.418037	0.544798	-1.83354	0.362773	0.503347	-1.9887	0.0490027	0.192147	0.50434	0.174639	0.146581	-2.88533	0.0118634	0.0997335	-10.0267	0.02732782	0.07082299	-12.8156	0.0959334	0.261336	5.826249	3.15024	26.8727	7.58253	1
cg18493981	RAB37;RAB37;RAB37;RAB37	0.0603815	0.725565	0.823091	-1.21493	0.454903	1.52267	1.52267	0.38594	1.63394	1.63394	0.131289	2.459558	2.405031	0.624608	-1.60101									0.91751	0.944377	-1.0589	0.977236	1.01589	1.021089	0.00219893	10.7141	10.7141	0.0575346	3.27567	3.15024	15.2254	4.29607	1
cg09183742	CDL11A1;CDL11A1;CDL11A1;CDL11A1	0.060382	0.188814	1.27218	1.27218	0.6639297	0.69763	-1.43342	0.0437771	0.6698823	-1.49293	0.950044	0.989225	-1.01089	0.553131	0.901459	-1.10931								0.0596045	1.44426	1.44426	0.131906	1.3247	1.3247	0.0478082	1.47888	1.47888	0.8996656	1.02205	1.02205	3.15023	1.49173	0.420917	1
cg07740306	NFATC1;NFATC1;NFATC1;NFATC1	0.0603836	0.275618	0.533777	-1.87344	0.212552	2.60834	2.06834	0.230471	2.00641	2.00641	0.308879	0.558256	-1.79126	0.017752	0.202759	-4.93197								0.3027	0.553793	-1.80573	0.00855348	0.156039	-6.40864	0.740811	1.2017	1.2017	0.691556	0.801932	1.5192	15.2863	4.33132	1
cg03111576	CLEC16A	0.0603856	0.0598576	0.211752	-4.72251	0.0206277	7.67675	7.67675	0.0761854	4.23123	4.23123	0.607268	1.33083	1.33083	0.029311	0.152768	-6.54586								0.640241	0.71552	-1.39759	0.690063	0.745984	-1.34051	0.733404	1.28392	1.28392	0.450545	0.570028	-1.7543	3.10215	26.6675	7.32486	1
cg17943999	GEMI;GEM	0.0603874	0.408977	0.857927	-1.1656	0.0505549	1.49828	1.49828	0.00457899	1.9837	1.9837	0.829419	1.03993	1.03993	0.601894	0.908912	-1.10022								0.185846	1.28986	1.28986	0.282782	0.816675	-1.22448	0.724525	0.937813	-1.06631	0.1305573	1.34482	1.34482	3.15012	1.64268	0.463526	1
cg19549731	PSMG3	0.0603876	0.780728	1.04415	1.04415	0.0244159	1.51632	1.51632	0.244226	1.20759	1.20759	0.299424	1.18117	1.18117	0.0859197	1.14157	1.14157								0.818709	0.965078	-1.03619	0.9142624	0.82627	-1.59676	0.8202825	1.01995	1.01995	0.1059115	1.31446	1.31446	3.15011	1.19596	0.537472	1
cg00155423	WNT3DA	0.0603895	0.370167	0.932255	-1.07152	0.00665434	0.485905	-2.05801	0.0188287	0.558101	-1.79179	0.16049	1.35973	1.35973	0.304572	0.804192	-2.14248								0.945445	0.986072	-1.01412	0.9854065	1.00376	1.00376	0.483985	1.15695	1.15695	0.405039	1.19078	1.19078	3.15008	2.09731	0.593186	1
cg12212706	TMEM145	0.0603922	0.0432031	0.626742	-1.59555	0.162775	1.34895	1.34895	0.154759	1.3579	1.3579	0.070324	0.6660349	-1.50139	0.050782	0.639506	-1.56371								0.581404	0.894166	-1.11836	0.0838663	0.680936	-1.46857	0.4441184	0.854957	-1.16965	0.181388	1.32979	1.32979	3.15002	2.03131	0.568126	1
cg06759265	DLGAP3	0.0603928	0.7701023	1.19622	1.19622	0.1136249	0.6007706	-1.44397	0.210958	0.4466687	-2.2387	0.916202	0.4466687	-2.2387	0.916202	0.4466687	-2.2387								0.917806	0.938834	-1.06515	0.6015492	0.7973513	-1.25437	0.7973513	1.37519	1.37519	0.2854478	1.50255	1.51501	18.6517	5.26325	1
cg24993990	CSRNP3	0.0603931	0.389353	0.736547	-1.35769	0.233179	0.648354	-1.54237	0.157397	0.592087	-1.68894	0.627036	0.862767	-1.15906	0.375119	1.37101	1.37101								0.149839	0.585557	-1.70778	0.310193	1.43889	1.43889	0.0498259	2.64896	2.64896	0.0248326	2.52416	2.52416	3.15	5.99467	1.69162	1
cg01514995	UCHL3	0.0603943	0.2663133	1.57899	1.57899	0.274203	1.5663	1.5663	0.0852851	1.9445563	-1.09587	0.801315	0.99534	-1.15656	0.918158	0.495302	-2.01897								0.133743	1.528451	-1.8924	0.0807567	0.4782171	-2.09113	0.0185851	2.33254	2.33254	0.0221633	2.94948	2.94948	3.14997	7.73564	2.18969	1
cg01290136	SCFD2	0.060395	0.799559	1.16334	1.16334	0.26024	0.5877112	-1.70325	0.0768997	0.409792	-2.44026	0.0631951	0.387676	-2.57947	0.00685654	0.204366	-4.89337								0.407978	0.681252	-1.46788	0.0144394	0.254848	-3.9239	0.6277	1.2481	1.2481	0.331554	0.634888	-1.57508	3.14996	10.2597	2.89517	1
cg10749572	LTF	0.0603955	0.362884	0.729441	-1.37091	0.113596	0.655546	-1.7968	0.0222642	0.4126564	-2.42328	0.730241	0.890164	-1.12339	0.0157054	0.478242	-2.09099								0.145079	0.587701	-1.70155	0.0107663	0.3027228	-3.30137	0.2098304	0.7088	0.7088	0.2004524	0.5955173	0.7088	3.14995	3.70781	0.979	1
cg05855490	WIF1	0.0603971	0.353526	1.61445	1.61445	0.1419552	0.483052	-2.32368	0.0885751	0.255755	-3.91691	0.0155755	0.166482	-6.00645	0.0155755	0.166482	-6.00645								0.166882	0.478736	-2.08884	0.0108006	0.2018035	-4.95532	0.1229437	0.440924	-2.26797	0.545244	0.736384	1.35799	3.14992	12.3637	3.51718	1
cg26237628	URB1	0.060398	0.41501	0.715701	-1.39723	0.0102357	0.272661	-3.66755	0.398136	0.706583	-1.41526	0.195111	0.576859	-1.73353	0.832752	0.918607	-1.0886								0.0906814	0.473169	-2.11341	0.00342519	0.202625	-4.93522	0.730308	0.870295	-1.14904	0.785123	0.896086	-1.11596	1.4699	8.04052	2.269	1
cg16994622	DSRP1;DSRP1; PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2	0.0603989	0.279737	1.15012	1.15012	0.113473	1.23909	1.23909	0.969476	0.995249	-1.00477	0.0107538	1.49019	1.49019	0.786273	0.966263	-1.03492								0.724817	1.04498	1.04498	0.028629	0.725798	-1.37779	0.131725	0.816668	-1.22449	0.572443	1.07358	1.07358	3.14988	0.722906	0.218112	1
cg00056719	P2;PCBP2	0.0603992	0.048585	0.557854	-1.79258	0.467462	1.21112	1.21112	0.0404806	1.846	1.846	0.226175	1.38991	1.38991	0.51978	0.844471	-1.18417								0.174258	0.687681	-1.45416	0.0272454	0.508165	-1.96786	0.230653	1.38511	1.38511	0.519183	0.844261	-1.18447	1.49688	3.34829	0.944882	1
cg17185068	DTX2;DTX2;DTX2;DTX2	0.0604003	0.026879	0.319222	-3.13263	0.0156239	0.384953	-2.59772	0.0638247	0.334545	-2.67276	0.0178754	0.282412	-3.5972	0.0188386	0.334584	-2.98991								0.0917278	0.44641	-2.24052	0.0617515	0.3999943	-2.50036	0.4099945	0.602801	-1.44342	0.73079	0.860323	-1.16255	1.49685	9.46518	2.67107	1
cg02471507	CHMP4C;CHMP4C	0.0604013	0.0292636	0.311591	0.911591	0.0688825	5.76543	3.76543	0.0671759	5.84349	5.84349	0.980701	1.021003	1.021003	0.193185	3.270336	3.270336								0.135288	3.99614	3.99614	0.0216564	12.4309	12.4309	0.149383	36.9385	36.9385	0.0248	10.4241	10.4241	3.14987	10.5213	1
cg20909680	AFAP1;SLC16A1;SLC16A1	0.0604014	0.7950044	1.15242	1.07433	0.2139636	0.4811717	-2.48833	0.0135804	0.2855851	0.9445563	-1.09587	0.801315	0.99534	-1.15656	0.918158	0.495302	-2.01897							0.133743	0.528431	-1.8924	0.0807567	0.4782171	-2.09113	0.0185851	2.33254	2.02216533	2.94948	2.94948	3.14997	7.73564	2.18969	1
cg13728472	GNAS;GNAS;GNAS;GNASAS	0.0604024	0.45046	0.910863	-1.09786	0.213	1.17262	1.17262	0.109239	0.808927	-1.23621	0.63447	1.05988	1.05988	0.727896	1.04332	1.04332								0.51188	1.08412	1.08412	0.0138985	1.44628	1.44628	0.423267	0.905467	-1.1044	0.0198244	0.710679	-1.4071	1.49681	0.7354111	0.207536	1
cg11385165	SH3PXD2A	0.0604048	0.108877	0.750655	-1.33217	0.00238489	0.499311	-2.00276	0.821998	0.963714	-1.03765	0.911701	0.10416	1.01416	0.144126	0.903643	-1.10663								0.820216	1.03804	1.03804	0.037423	0.6727271	-1.48639	0.98366	1.00336	1.00336	0.516598	1.1139	1.1139	1.14976	0.1324215	0.378764	1
cg15500907	LAMA4;LAMA4;LAMA4	0.0604059	0.1638631	0.737443	-1.75003	0.0131768	0.3142	-3.18269	0.0114169	0.1835429	-3.29566	0.0229515	0.358855	-2.78664	0.861364	0.753891	-1.32645								0.932009	0.968367	-1.03267	0.639704	1.19435	1.19435	0.727554	0.87656	-1.14082	0.1174475	0.527036	-1.89794	1.14674	7.07875	1.99769	1
cg20326682	PRKCA	0.060407	0.0120566	0.110985	-9.01024	0.522744	0.634539	-1.57595	0.167118	0.355515	-2.81282	0.207046	0.392834	-2.5456	0.0173001	0.130566	-7.65895								0.14904	0.337364	-2.96416	0.0145484	0.120817	-8.27701	0.2854	0.458806	-2.17957	0.0369926	0.182518	-5.47892	1.14972	24.5976	6.94175	1
cg07555182	RAB30 SNHG3-RCC1;RCC1;SNHG3-	0.0604086	0.714527	0.95179	-1.05065	0.443173	0.900182	-1.11089	0.34669	0.877798	-1.13921	0.0898827	0.777678	-1.28588	0.0119318	0.655753	-1.52496								0.600388	0.931377	-1.07368	0.6840936	0.760106	-1.31561	0.0259613	1.42691	1.42691	0.788247	1.03687	1.03687	3.14969	0.902385	0.254667	1
cg23604704	RCC1;RCC1;RCC1;SNHG3-RCC1	0.0604092	0.0936169	0.505964	-1.97643	0.069629	0.472487	-2.11646	0.0651495	0.465312	-2.1491	0.0549597	0.447483	-2.23472	0.0138069	0.324289	-3.07854								0.0331181	0.39835	-2.51036	0.0148991	0.330739	-3.02354	0.369702	0.711502	-1.40548	0.137665	0.553942	-1.80524	1.14967	6.81	1.92187	1
cg06449856	PTPN22;PTPN22;PTPN22	0.0604104	0.441742	0.864727	-1.15663	0.113397	1.3762	1.3762	0.0936566	1.7276	1.7276	0.111246	1.624909	1.624909	0.0178534	2.127459	2.127459								0.345758	1.1972	1.1972	0.0240599	1.494198	-2.02348	0.166019	1.13491	1.13491	0.124196	1.173394	1.173394	3.14965	0.488706	0.129	1
cg09391979	PTCD3;PUR1A	0.0604105	0.0121372	0.7083	1.70682	0.769881	0.2008306	-1.20191	0.132461	0.365141	-2.76899	0.107993	0.30431	-3.30431	0.141209	2.69807	2.69807								0.188427	2.39684	2.39684	0.151322	0.381193	-2.62334	0.997542	0.99807	-1.00193	0.0782056	0.54122	0.341221	1.49665	19.6273	5.53918	1
cg08249988	NCAN;NCAN	0.0604114	0.5090454	1.04265	1.04265	0.3784354	0.2564	-3.90064	0.1053393	0.3779	0.3779	-2.6481	0.3779	0.3779	-2.6481	0.3779	-2.6481								0.093514	1.59936	-1.66851	0.226097	0.702741	-1.423	0.162471	1.51265	1.51265	0.400364	1.26987	1.26987	3.14962	1.84216	1.08434	1
cg22588669	SHANK1	0.0604117	0.201594	0.36252	-2.75831	0.637421	0.699542	-1.4293	0.083504	0.536454	-1.86434	-2.22629	0.62532	0.690539	-1.44814	0.0782792	0.229525	-4.35683							0.278581	0.428417	-2.33417	0.0133458	0.0299189	-33.4236	0.097813	0.7456	-1.3412	0.426985	0.54322	-1.84087	1.14962	28.2382	7.96941	1
cg20144194	REXO1L2P	0.0604118	0.1514631	0.749743	-1.75003	0.0131768	0.3142	-3.18269	0.0114169	0.1835429	-3.29566	0.0229515	0.358855	-2.78664	0.861364	0.753891	-1.32645								0.932009	0.968367	-1.03267	0.639704	1.19435	1.19435	0.727554	0.87656	-1.14082	0.1174475	0.527036	-1.89794	1.14674	7.07875	1.99769	1
cg20150135	NSMAF;NSMAF	0.0604131	0.192471	0.789871	-1.26603	0.318153	0.838252	-1.19296	0.107574	1.35027	1.35027	0.00615573	0.542757	-1.84245	0.802038	0.957953	-1.04389								0.611556	1.09153	1.09153	0.0560979	1.44769	1.44769	0.634586	1.08532	1.08532	0.853466	0.968879	-1.03212	1.14959	1.14585	0.411646	1
cg16555537	TRIP6	0.0604133	0.0372574	0.716171	-1.39617	0.0075267	0.307	1.607	0.163483	1.01483	0.224995	0.0400022	0.07704	-12.9784	0.0001997	0.10057	-9.94657								0.222556	1.1411	-1.14111	0.0135766	0.1684	-5.93943	0.0001	0.867656	-1.15253	0.0139772	0.127334	1.16884	1.14959	0.950052	0.268372	1
cg13052453	MTA1	0.0604146	0.150836	0.265271	-3.76974	0.0229075	0.44126	0.10426	0.025051	0.94901	0.94901	0.751947	1.31429	1.31429	0.154063	0.270714	3.69394								0.341449	0.42061	-2.32769	0.102046	0.233951	-4.27439	0.0193219	0.07841	0.07841	0.3015954	0.437971	-2.28326	1.14956	37.0557	10.4581	1
cg25775247	TMF1	0.0604162	0.0068592	0.579534	-1.72553	0.969523	1.00597	1.00597	0.0881495	1.34071	1.34071	0.0352692	0.682461	-1.46529	0.242425	0.826444	-1.21								0.886683	0.978028	-1.02247	0.0923595	0.749285	-1.33461	0.428207	0.881588	-1.13432	0.877665	1.02429	1.02429	1.14953	1.21106	0.341796	1
cg00688008	AP1G1;AP1G1	0.0604168	0.185053	0.7644	-1.30853	0.686406	0.5412	-1.84448	0.0881228	0.356572	-2.80437	0.0359738	0.359134	-2.78355	0.0359738	0.359134	-2.78355								0.0520099	0.789054	-1.26734	0.0913941	0.3945	-2.53472	0.1684	0.82016	-1.21923	0.2773134	0.5864	1.14959	0.9500922	0.268372	1
cg16267343	NPR3	0.0604168	0.35628	0.887566	-1.12897	0.152685	1.21631	1.21631	0.105933	1.25328	1.25328	0.0162661	0.686820	-1.45597	0.049718	0.75112	-1.33135								0.0658816	0.768108	-1.3019	0.594066	1.07119	1.07119	0.495708	0.915366	-1.09246	0.34698	0.88355	-1.1318	1.14952	0.815277	0.230096	1
cg06560927	ZNF749	0.0604185	0.713483	0.880003	-1.13617	0.0930751	0.308708	3.308708	0.0435005	0.381841	-2.62063	0.0403855	0.661107	-1.51271	0.223876	0.630004	-1.58703								0.0221148	0.915115	-1.87296	0.0104078	0.1638036	-6.10388	0.0402603	0.867096	-1.15328	0.0839221	0.880684	1.14944	0.7078375	0.208942	1
cg02252907	AP3D1;AP3D1	0.0604186	0.914248	0.974816	-1.02583	0.0422887	1.74	1.74	0.343245	1.26012	1.26012	0.608916	0.884979	-1.12997	0.655907	1.11204	1.11204								0.562688	0.87059	-1.14865	0.0041004	0.4017591	-2.48905	0.647427	1.1152	1.1152	0.216786	1.36036	1.36036	1.14948	2.79605	0.789391	1
cg01985412	VPS51;VPS51; KIAA1026;KIAA1026;KIAA1026;KIAA102	0.0604214	0.061687	0.514647	-1.94308	0.184625	1.15914	1.15914	0.00240203	0.263202	-3.79937	0.253213	0.686153	-1.4574	0.594359	0.843958	-1.18489								0.713111	0.890052	-1.12353	0.645298	1.12514	1.15754	0.585404	0.755124	-1.32429	0.470836	0.79331	-1.26054	1.14942	4.96928	1.40252	1
cg00915214	6;KIAA1026	0.0604216	0.0766877	0.548363	-1.82361	0.0383717	2.07965	2.07965	0.626919	0.861163	-1.16122	0.996635	1.00129	1.00129	0.00599564	0.334231	-2.99194								0.961088	1.015	-1.015	0.372041	0.756035	-1.32269	0.372216	1.32255	1.32255	0.462154	0.795798	-1.2566	1.14942	4.6446	1.31089	1
cg13208078	GABBR1;GABBR1;GABBR1	0.0604242	0.486282	0.813541	-1.22934	0.0603166	1.11397	1.1762	0.1961	0.8308	-1.20386	-3.04551	0.3455	0.3455	-2.89528	0.3455	-2.89528								0.345758	1.1972	1.1972	0.0240599	1.494198	-2.02348	0.166019	1.13491	1.13491	0.124196	1.173394	1.173394	3.14965	0.488706	0.129	1
cg23773394	CRMP1	0.0604244	0.590331	0.843105	-1.18609	0.090887	0.557185	-1.79474	0.0694848	1.89193	1.89193	0.0700118	1.88914	1.88914	0.7517	1.10481	1.10481								0.007629	2.96665	2.96665	0.681858	0.878597	-1.13818	0.9982224	0.999301	-1.0007	0.181587	1.56097	1.5094	4.91841	1.38817	1
cg01637207	ZNF51	0.0604251	0.0200692	0.294506	-3.39728	0.0561449	2.54829	2.54829	0.0139812	2.31033	2.31033	0.155016	0.515532	-1.95874	0.728519	1.16408	1.16408								0.351914	1.51846	1.51846	0.634671	0.816526	-1.2321	0.0927426	0.446387	-2.24021	0.0218794	0.143007	1.14937	0.449193	9.4831	2.62653	1
cg01037822	20;168	0.0604252	0.191392	0.703608	-1.42145	0.0988318	1.00069	1.00069	0.760065	0.905025	1.01494	0.441042	0.775227	-1.2902	0.02077997	0.420921	-2.47573								0.308817	1.40938	1.40938	0.00410358	0.285237	-3.50585	0.0014	0.0001	-7.86775	0.149838	0.108246	1.15405	0.29407	5.49407	1.49421	1
cg05021638	GFRA2;GFRA2;GFRA2	0.0604238	0.209943	0.42532	2.42532	0.0407632	13.25671	13.2571	0.0272717	8.94302	8.94302	0.0252669	19.8832	19.8832	0.0132549	0.491026	-2.03655								0.181803	4.71575	4.71575	0.0296467	16.4695	16.4695	0.0149804	26.379	26.379	0.348059	2.87827	2.87827	1.14937	59.7255	16.8571	1
cg26357744	RASSF1;RASSF1;RASSF1;RASSF1	0.0604246	0.390595	0.744703	-1.34303	0.2708134	0.4813445	-2.07755	0.0145695	0.2855851	0.9445563	-1.09587	0.801315	0.99534	-1.15656	0.918158	0.495302	-2.01897							0.133743	0.528431	-1.8924	0.0807567	0.4782171	-2.09113	0.0185851	2.33254	2.39628	2.94948	2.94948	3.14997	7.73564	2.18969	1
cg17193436	TNXB TPM1;TPM1;TPM1;TPM1;TPM1;	0.060425	0.302754	0.838049	-1.19325	0.12144	0.757374	-1.32035	0.0305766	0.656699	-1.52277	0.309709	0.840314	-1.19003	0.25791	0.822514	-1.21578								0.916056	1.0176	1.0176	0.0113555	1.68971	1.68971	0.130522	0.76318	-1.31031	0.349723	0.852728	-1.17271	1.14935	1.36626	0.385621	1
cg09494705	TPM1	0.0604255	0.066812	0.57955	-1.72548	0.0991619	1.00028	1.00028	0.187449	1.44885	1.44885	0.295676	0.749856	-1.33359	0.965509	0.988587	-1.01155								0.718339	1.10093	1.10093	0.00244623	0.326551	-3.06231	0.631199	0.879506	-1.137	0.247902	0.725658	-1.37806	1.14934	3.51499	0.992092	1
cg15389338	PPIBP2	0.0604268	0.155226	0.667891	-1.49725	0.519108	0.841568	-1.18826	0.785324	1.07472	1.07472	0.46044	0.820103	-1.21936	0.0202824	0.477805	-2.0929								0.0859469	1.65003	1.65003	0.765917	0.924229	-1.08198	0.0414138	0.53755	-1.86029	0.0614066	1.74397	1.74397	1.14931	3.47394	0.980515	1
cg13183780	ASAP3;ASAP3	0.0604283	0.486283	0.813541	-1.22934	0.0603166	1.11397	1.1762	0.1961	0.8308	-1.20386	-3.04551	0.3455	0.3455	-2.89528	0.3455	-2.89528								0.357895	0.744792	-1.3426	0.0205147	0.196577	-2.97108	0.0481809	0.494743	-2.02125	0.557906	0.744508	-1.34317	1.1493	4.84426	1.36729	1
cg21948803	LOC31316	0.0604	0.101764	0.718287	-1.3922	0.313883	0.831173	-1.20312	0.74983	0.94216	-1.06087	0.603597	0.907771	-1.1016	0.0709886	1.87442	1.87442								0.171125	0.76401	-1.30888	0.957784	1.00983	1.00983	0.0436865	1.5347	1.5347	0.585254	0.903216	-1.10715	1.14925	1.70184	0.48035	1
cg23336266	GPD2I1	0.0604312	0.254435	1.53965	1.53965	0.18816	1.56013	1.56013	0.0274249	2.58131	2.58131	0.92151	1.06481	1.06481	0.0264737	1.57479	1.57479								0.0184456	2.83408	2.83408	0.0127751	2.618807	2.618807	0.0127751	2.92418	2.92418	0.0127751	2.618807	2.618807	1.14923	0.589898	0.148094	1
cg18702971	THOC5;THOC5;THOC5;THOC5	0.0604319	0.0436548	3.19017	3.19017	0.0499367	1.05971	1.05971	0.137997	2.223	2.223	0.223221	1.89671	1.89671	0.346897	0.616026	-1.62331								0.444282	1.67703	-1.4771	0.309803	1.69161	1.69161	0.00792515	5.4895	5.4895	0.113076	2.36925	2.36925	1.14921	12.4779	3.52199	1
cg00761968	LECT1;LECT1	0.0604333	0.0515768	0.48784	-2.04985	0.155392	1.63636	1.63636	0.0412277	2.14431	2.14431	0.807321	1.08237	1.08237	0.0555556	2.01943	2.01943								0.613668	1.17928	1.17928	0.972537	1.01121	1.01121	0.0148663	2.63996	2.63996	0.2355302	1.49619	1.49619	1.14918	5.23364	1.47725	1
cg00479101	PSEN2;PSEN2	0.0604354	0.390595	0.744703	-1.34303	0.2708134	0.4813445	-2.07755	0.0145695	0.2855851	0.9445563	-1.09587	0.801315	0.99534	-1.15656	0.918158	0.495302	-2.01897							0.133743	0.528431	-1.8924	0.0807567	0.4782171	-2.09113	0.0185851	2.33254	2.39628	2.94948	2.94948	3.14997	7.73564	2.18969	1
cg26953153	RAI1	0.0604364	0.231028	0.805718	-1.24113	0.499336	1.12514	1.12514	0.436538	0.872428	-1.14623	0.0430694	1.49216	1.49216	0.0656206	1.42653	1.42653								0.0626569	0.697544	-1.4336	0.0315769	1.54254	1.54254	0.162337	1.29239	1.29239	0.982554	1.03037	1.03037	1.14917	1.47448	0.41619	1
cg09565310	MCC;MCC	0.0604552	0.0170709	0.315158	-3.17169	0.0140751	0.484098	0.484098	0.0158389	0.658389	-1.51886	0.837777	0.1031	0.1031	0.0215726	0.387484	-2.58107								0.136139	0.470271	-2.12643	0.0225572	0.1400114	-7.14286	0.0196851	0.4488	-2.22845	0.0144014	0.1008	-9.92063	0.0196851	0.4488	1.14909	3.1077	0.9307	1
cg17507374	MGAT1;MGAT1	0.0604394	0.0153477	0.292323	3.29223	0.454382	0.757002	-1.35685	0.574535	1.25501	1.25501	0.076444	2.19319	2.19319	0.197574	1.41463	1.41463								?	?	?	?	?	?	?	?	?	?	?	?	1.14907	0.0643359

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23955684	RFTN1	0.0605164	0.26904	1.19689	1.19689	0.733529	0.948045	-1.0548	0.846067	0.970108	-1.03081	0.543875	0.908535	-1.10067	0.845586	0.970015	-1.03091
cg24062157	TRAP1	0.0605175	0.447119	0.786634	-1.27124	0.299482	1.39521	1.39521	0.192421	1.53313	1.53313	0.589774	0.844855	-1.18364	0.0032172	0.287863	-3.47387
cg05292478	SMURF1;SMURF1	0.0605183	0.0714489	0.186061	-5.37458	0.0961545	0.217343	-4.60102	0.0438809	0.14445	-6.9228	0.83744	0.842302	-1.18722	0.0251588	0.10812	-9.249
cg25897951	CTBP1;CTBP1;C4orf42	0.060523	0.257647	0.712745	-1.40303	0.0923312	1.70076	1.70076	0.551572	1.18848	1.18848	0.0720675	1.77809	1.77809	0.0429888	0.512935	-1.94957
cg03717414	MAPK11	0.0605233	0.594998	0.877051	-1.14018	0.550493	0.862696	-1.15916	0.0819095	0.624161	-1.60215	0.113348	0.6562	-1.52393	0.00252894	0.358809	-2.787
cg16392865	PTCRA	0.0605246	0.16576	1.39108	1.39108	0.0452297	1.67032	1.67032	0.00667904	0.45575	-2.19419	0.515724	1.15855	1.15855	0.786628	1.06246	1.06246
cg02463329	C10orf88	0.0605251	0.894405	0.976467	-1.0241	0.508378	1.12785	1.12785	0.421542	1.15863	1.15863	0.663034	1.08179	1.08179	0.607165	0.911197	-1.09746
cg22621731	E2F3	0.0605258	0.116782	0.730896	-1.36818	0.0119708	0.5617	-1.78031	0.789607	0.951993	-1.05043	0.385617	0.849057	-1.17778	0.667565	0.923589	-1.08273
cg13476123	ENTPD8;ENTPD8	0.0605298	0.0198289	0.31492	-3.17541	0.00554813	0.223839	-4.4675	0.612732	0.810847	-1.23328	0.479019	0.74407	-1.34396	0.985148	1.00768	1.00768
cg15057852	KIF16B	0.0605304	0.142745	0.791608	-1.26325	0.77089	1.04427	1.04427	0.0500956	0.717933	-1.39289	0.625131	1.07578	1.07578	0.455109	0.893279	-1.11947
cg16995086	FRY	0.060531	0.0454751	0.34758	-2.87704	0.594673	0.780834	-1.28068	0.447367	0.699949	-1.42868	0.189464	0.527132	-1.89706	0.0266639	0.298212	-3.35332
cg10842515	LOC100133991	0.0605342	0.157873	0.511352	-1.9556	0.217046	1.78052	1.78052	0.700911	1.18699	1.18699	0.432108	0.700391	-1.42777	0.222741	0.566031	-1.76669
cg14276083	DPPA5	0.0605354	0.303008	0.60832	-1.64387	0.745856	0.859411	-1.16359	0.177865	0.513227	-1.94846	0.872454	0.927881	-1.07772	0.613209	0.788616	-1.26804
cg23369017	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.0605362	?	?	?	0.312239	2.19314	2.19314	0.839693	1.16347	1.16347	0.478824	1.71507	1.71507	0.646876	1.41212	1.41212
cg05918327	ZFHX3;ZFHX3	0.0605366	0.0118977	0.192033	-5.20745	0.365675	0.613522	-1.62993	0.661493	0.79327	-1.2606	0.0830113	0.364625	-2.74255	0.0225825	0.238023	-4.20127
cg23183469	FAM53A	0.0605382	0.558646	0.933703	-1.071	0.101701	1.23097	1.23097	0.0061923	1.51289	1.51289	0.610535	1.06138	1.06138	0.0609611	1.27755	1.27755
cg07982869	OR2C1;OR2C1	0.0605384	0.213265	0.331746	-3.01436	0.642655	0.674788	-1.48195	0.076275	0.190071	-5.26119	0.539218	1.68762	1.68762	0.0312417	0.119108	-8.39577
cg17609600	SEMA4C	0.0605406	0.406309	1.24037	1.24037	0.329127	1.29095	1.29095	0.909851	0.971689	-1.02914	0.963652	0.988512	-1.01162	0.010912	0.444766	-2.24838
cg05859323	COQ5	0.0605411	0.596859	0.883217	-1.13222	0.756573	1.07502	1.07502	0.440769	1.20069	1.20069	0.0565544	0.605208	-1.65233	0.316085	1.2727	1.2727
cg04305912	BCL11A;BCL11A;BCL11A	0.0605414	0.988364	0.996407	-1.00361	0.0832302	0.622953	-1.60526	0.0465705	0.569788	-1.75504	0.96336	1.0114	1.0114	0.304913	1.29979	1.29979
cg22100476	WDR65;WDR65;EBNA1BP2;EBNA1BP2;WDR65;WDR65;WDR65;WDR65;WDR65	0.0605415	0.672216	0.948088	-1.05475	0.0367608	1.35513	1.35513	0.020258	1.41997	1.41997	0.772659	1.03695	1.03695	0.298066	1.14467	1.14467
cg11726229	GABRR3	0.0605427	0.165745	0.68062	-1.46925	0.012205	0.443608	-2.25424	0.00312456	0.349286	-2.86298	0.949179	0.983546	-1.01673	0.182485	0.691935	-1.44522
cg11040238	PSORS1C3	0.0605428	0.699192	1.14384	1.14384	0.0532088	0.467559	-2.13877	0.268335	1.49041	1.49041	0.76094	0.899768	-1.1114	0.00369416	0.257173	-3.88844
cg26226914	MRPL11;MRPL11;MRPL11	0.0605432	0.0655731	1.24739	1.24739	0.164179	1.17208	1.17208	0.962001	1.00511	1.00511	0.374018	0.907004	-1.10253	0.0821487	1.22876	1.22876
cg09499698	CENPC1;CENPC1	0.0605446	0.571065	1.43585	1.43585	0.727256	1.24766	1.24766	0.0474219	4.19192	4.19192	0.958238	0.96745	-1.03364	0.948126	1.04197	1.04197
cg23075144	SEC1	0.0605446	0.455301	0.736127	-1.35846	0.550581	0.784045	-1.27544	0.191963	0.573248	-1.74445	0.831987	0.917972	-1.08936	0.04477	0.395324	-2.52957
cg07404400	TRIM41;TRIM41	0.0605477	0.105407	1.1966	1.1966	0.11045	1.19301	1.19301	0.261594	0.888007	-1.12612	0.179207	1.15576	1.15576	0.0655361	1.23331	1.23331
cg22690212	TXNIP	0.060549	0.0339721	0.551084	-1.81461	0.0454567	1.73722	1.73722	0.550519	1.1565	1.1565	0.181782	0.710912	-1.40664	0.2983	0.77141	-1.29633
cg12302428	ZNF649	0.0605497	0.395864	1.53948	1.53948	0.0432797	0.315527	-3.16931	0.0835533	0.386598	-2.58667	0.789753	1.1418	1.1418	0.140684	0.455508	-2.19535
cg18563630	PCP2	0.06055	0.0426513	0.126165	-7.92613	0.065386	0.15966	-6.26332	0.158352	0.262458	-3.81013	0.26197	0.354312	-2.82237	0.0298487	0.103597	-9.65276
cg09814231	PPARGC1B	0.0605503	0.0309285	0.553595	-1.80638	0.0177993	0.51048	-1.95894	0.401879	0.818545	-1.22168	0.211983	0.735773	-1.35911	0.0197302	0.518313	-1.92934
cg00566516	TSPAN33	0.0605504	0.675401	0.886815	-1.12763	0.859998	0.950893	-1.05164	0.619997	1.15323	1.15323	0.00791223	2.64191	2.64191	0.45124	0.80338	-1.24474
cg24301247	SLC15A4	0.0605524	0.2276	1.49738	1.49738	0.0885298	0.549399	-1.82017	0.363068	0.742334	-1.3471	0.966418	0.98667	-1.01351	0.102991	0.566341	-1.76572
cg03752741	SH3GL3;SH3GL3	0.0605537	0.0124828	0.285521	-3.50237	0.678407	0.84523	-1.18311	0.0669	0.436773	-2.28952	0.105665	2.03965	2.03965	0.0332691	0.366616	-2.72765
cg03646297	RGPD4	0.0605537	0.678238	1.07065	1.07065	0.134334	0.767827	-1.30238	0.180833	0.792544	-1.26176	0.715532	1.06172	1.06172	0.0056718	0.552204	-1.81092
cg13920521	TMEM54	0.0605544	0.106634	0.673342	-1.48513	0.0359261	0.578182	-1.72956	0.20483	0.740566	-1.35032	0.239217	0.758284	-1.31877	0.00615727	0.448325	-2.23052
cg09109411	PDE6A	0.0605548	0.0129393	0.141352	-7.07451	0.0576054	0.256232	-3.90272	0.047717	0.237914	-4.2032	0.195126	0.419353	-2.38463	0.00773798	0.114237	-8.75372
cg14862171	STMN3	0.0605557	0.0751459	1.2069	1.2069	0.34885	0.912538	-1.09584	0.21721	1.13112	1.13112	0.266922	1.11601	1.11601	0.0302625	1.27347	1.27347
cg09970511	BEND6	0.0605563	0.0523205	0.196888	-5.07904	0.420535	1.83307	1.83307	0.295292	0.449675	-2.22383	0.299881	0.453334	-2.20588	0.00355969	0.054568	-18.3258
cg05133340	GALNT9;GALNT9	0.0605579	0.641769	0.876968	-1.14029	0.303378	0.741771	-1.34813	0.160473	0.656966	-1.52215	0.0824868	1.71419	1.71419	0.687619	0.892917	-1.11993
cg26238604	C19orf51	0.0605583	0.712884	1.0796	1.0796	0.382907	1.20374	1.20374	0.00229414	2.41888	2.41888	0.657205	0.911596	-1.09698	0.0229651	1.75721	1.75721
cg21573263	SLC6A9;SLC6A9;SLC6A9;SLC6A9;SLC6A9	0.0605596	0.0449374	0.369033	-2.70979	0.00698628	0.22063	-4.53248	0.381806	0.678047	-1.47482	0.534911	1.31287	1.31287	0.01867	0.290858	-3.4381
cg06983746	FASLG	0.0605596	0.612856	1.11239	1.11239	0.778525	1.06062	1.06062	0.053876	0.633259	-1.57913	0.896029	0.973077	-1.02767	0.0575737	1.5656	1.5656
cg16019700	SOCS2	0.06056	0.0273906	0.157994	-6.32936	0.0589046	0.221274	-4.51928	0.151447	0.337306	-2.96467	0.899307	0.914379	-1.09364	0.0139569	0.116843	-8.55846
cg04053163	SLC7A2;SLC7A2;SLC7A2	0.0605609	0.573567	1.12686	1.12686	0.277818	0.788974	-1.26747	0.732948	1.07458	1.07458	0.682466	0.917238	-1.09023	0.067453	0.650296	-1.53776
cg18772588	MIR124-3	0.0605615	0.0785945	0.543964	-1.83836	0.282854	0.706249	-1.41593	0.868224	1.05312	1.05312	0.0019036	0.253873	-3.93898	0.278807	0.704015	-1.42043
cg18474185	PACS2;PACS2	0.0605633	0.611858	1.1244	1.1244	0.0306918	1.78899	1.78899	0.0427749	0.586068	-1.70629	0.480367	0.848428	-1.17865	0.0923063	0.654083	-1.52886
cg09671094	CPSF1	0.0605638	0.930881	1.01977	1.01977	0.966379	0.990533	-1.00956	0.0164084	0.515886	-1.93841	0.968276	1.00902	1.00902	0.59861	1.12735	1.12735
cg09519273	DIRC3	0.060564	0.931635	0.983416	-1.01686	0.045273	0.63914	-1.5646	0.0382756	0.626277	-1.59674	0.726563	0.933862	-1.07082	0.447887	1.16271	1.16271
cg03301862	BOP1;HSF1	0.0605643	0.130046	1.21198	1.21198	0.0742039	0.79144	-1.26352	0.239619	0.86522	-1.15578	0.0097838	1.46819	1.46819	0.292285	1.13707	1.13707
cg05055400	POLR3K;SNRNP25;POLR3K	0.0605649	0.550337	1.25608	1.25608	0.214567	1.63718	1.63718	0.12874	1.8579	1.8579	0.0305775	0.383396	-2.60827	0.479923	0.762654	-1.31121
cg14565781	BTBD19	0.0605655	0.568067	0.803934	-1.24388	0.861551	1.06825	1.06825	0.292596	0.661692	-1.51128	0.659006	0.845388	-1.18289	0.00400496	0.231622	-4.31738
cg13954131	CHST8;CHST8;CHST8	0.0605671	0.324702	1.40368	1.40368	0.00229687	4.14073	4.14073	0.114014	1.77403	1.77403	0.399071	0.749871	-1.33356	0.424529	0.761906	-1.3125
cg01545419	MAGEB1;MAGEB1;MAGEB1	0.0605676	0.728036	1.10022	1.10022	0.261951	1.37718	1.37718	0.0226385	0.473925	-2.11004	0.616588	1.14811	1.14811	0.00901738	0.403201	-2.48015
cg13364288	NAGLU	0.0605684	0.973894	0.993031	-1.00702	0.00622952	2.14265	2.14265	0.276229	1.27386	1.27386	0.181005	0.738211	-1.35463	0.66355	0.910697	-1.09806
cg06119392	CD99L2;CD99L2;CD99L2	0.0605685	0.521028	0.80134	-1.24791	0.818202	0.924606	-1.08154	0.370664	1.36749	1.36749	0.37691	0.734402	-1.36165	0.00167472	0.216569	-4.61746
cg12378187	FEZF2	0.0605686	0.27664	0.377804	-2.64688	0.633995	0.661926	-1.51074	0.278569	0.379398	-2.63575	0.0217621	0.093564	-10.6879	0.851557	1.17486	1.17486
cg06224485	RUNDC2C	0.0605691	0.871045	0.984112	-1.01614	0.160678	0.862671	-1.15919	0.591276	0.947964	-1.05489	0.712305	1.03719	1.03719	0.738929	0.967566	-1.03352
cg11842367	MGC27382	0.060573	0.86599	0.924923	-1.08117	0.00649211	5.12847	5.12847	0.211289	1.83775	1.83775	0.0525065	0.36105	-2.7697	0.836727	0.909053	-1.10005
cg08120023	C1orf203;ATP1A1;ATP1A1;ATP1A1;C1orf203	0.0605742	0.329238	1.46713	1.46713	0.0196441	2.92418	2.92418	0.0410834	2.45289	2.45289	0.307407	1.49513	1.49513	0.153062	0.558512	-1.79047
cg10271061	ATP6V1G2;NFKBIL1;NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1	0.0605744	0.0319864	0.143151	-6.98564	0.10425	0.253112	-3.95082	0.0927293	0.239057	-4.18311	0.22043	0.369119	-2.70915	0.0163558	0.103265	-9.68384
cg14930269	QARS	0.0605746	0.634107	0.923728	-1.08257	0.0771572	1.38425	1.38425	0.735123	1.0578	1.0578	0.459837	0.882923	-1.1326	0.0351913	0.666355	-1.5007
cg02515133	GRM3	0.0605752	0.917782	0.9651	-1.03616	0.00470258	0.27462	-3.6414	0.0804807	0.513254	-1.94835	0.666508	1.16085	1.16085	0.975712	0.989581	-1.01053
cg20391984	CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.0605787	0.834522	0.958042	-1.0438	0.897791	0.974011	-1.02668	0.265883	1.26814	1.26814	0.191713	0.753374	-1.32736	0.0128959	0.531219	-1.88246
cg06246882	C16orf38	0.0605797	0.0387854	0.323204	-3.09402	0.11943	0.450407	-2.22022	0.0310293	0.30269	-3.30371	0.204039	0.531142	-1.88274	0.0175969	0.255783	-3.90957
cg19766578	BZW1	0.0605807	0.103661	0.507338	-1.97107	0.247113	0.630371	-1.58637	0.76011	0.889786	-1.12387	0.330751	0.682041	-1.46619	0.0289043	0.374469	-2.67045
cg07263372	IQSEC1;IQSEC1	0.0605809	0.00925742	2.19162	2.19162	0.714328	0.916362	-1.09127	0.923263	0.97737	-1.02315	0.0882465	1.56344	1.56344	0.0134349	2.06927	2.06927
cg00449384	SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2D3C	0.0605835	0.261433	0.615686	-1.6242	0.127589	1.97845	1.97845	0.390908	1.43918	1.43918	0.92712	1.03862	1.03862	0.0172194	0.300609	-3.32658
cg07468062	KIAA1257	0.0605843	0.190974	0.590515	-1.69344	0.476734	0.759384	-1.31686	0.0023805	0.199625	-5.0094	0.788656	0.902841	-1.10761	0.729677	0.876371	-1.14107
cg15345154	C1QL3;C1QL3	0.0605846	0.0314634	0.737955	-1.3551	0.571252	1.07134	1.07134	0.130317	1.21749	1.21749	0.451915	0.91183	-1.0967	0.577722	0.934509	-1.07008
cg22531889	PHTF1	0.0605847	0.600011	0.845796	-1.18232	0.0107088	2.76002	2.76002	0.203394	1.52951	1.52951	0.0835602	1.83347	1.83347	0.763953	0.909079	-1.10001
cg21939482	C7orf70	0.0605866	0.199851	0.802768	-1.24569	0.0357653	1.48635	1.48635	0.0511753	1.43363	1.43363	0.500834	1.11721	1.11721	0.231136	1.22599	1.22599
cg06080688	INPP4B;INPP4B;INPP4B;INPP4B	0.0605868	0.00406938	0.612255	-1.63331	0.243961	1.16776	1.16776	0.163927	1.20801	1.20801	0.464352	0.909604	-1.09938	0.29233	1.14912	1.14912
cg21604042	SCUBE3	0.0605876	0.450033	0.888781	-1.12514	0.972949	1.00521	1.00521	0.0743206	1.35609	1.35609	0.252628	1.20087	1.20087	0.191449	0.809083	-1.23597
cg04220298	CHCHD8;PAAF1	0.0605876	0.870463	1.01096	1.01096	0.443155	1.0536	1.0536	0.0114849	1.23512	1.23512	0.0362732	1.17653	1.17653	0.240817	1.08546	1.08546
cg21144161	AHRR	0.0605878	0.240964	1.49583	1.49583	0.15374	0.605924	-1.65037	0.368051	0.738376	-1.35432	0.712531	0.885677	-1.12908	0.00329029	0.268821	-3.71994
cg14662172	CPB2;CPB2	0.0605881	0.0238107	0.424205	-2.35735	0.0169098	0.396016	-2.52515	0.0494542	0.490317	-2.0395	0.0339388	0.455168	-2.19699	0.222613	0.665351	-1.50297
cg03900195	CHAF1B	0.0605926	0.0533371	1.35172	1.35172	0.864748	1.02368	1.02368	0.466571	1.10708	1.10708	0.00460256	1.67837	1.67837	0.187331	0.825406	-1.21152
cg12689055	PODN	0.0605933	0.0613753	0.437231	-2.28712	0.671272	0.845726	-1.18242	0.378133	0.701221	-1.42608	0.870969	1.06588	1.06588	0.0317257	0.372213	-2.68663
cg14496048	CEL	0.0605935	0.0239747	0.260448	-3.83954	0.0913943	0.395083	-2.53111	0.0494603	0.32632	-3.06448	0.0497163	0.326843	-3.05958	0.0239663	0.260419	-3.83996
cg07488803	GLI2	0.0605966	0.0696432	0.610124	-1.63901	0.502001	1.18048	1.18048	0.571497	1.1494	1.1494	0.430817	1.21629	1.21629	0.329321	0.782588	-1.27781
cg00137918	STAT1;STAT1	0.0605973	0.438769	0.820439	-1.21886	0.396166	1.24329	1.24329	0.0334249	0.536406	-1.86426	0.372536	0.794983	-1.25789	0.0754452	0.608965	-1.64213
cg06424550	CAMK1D;CAMK1D	0.0605996	0.146625	0.688831	-1.45173	0.114468	0.663156	-1.50794	0.0846165	0.633592	-1.5783	0.685235	1.10241	1.10241	0.0158978	0.493346	-2.02697
cg11849327	MYST4	0.0606007	0.00502225	0.495335	-2.01883	0.137648	0.738884	-1.35339	0.247088	1.25744	1.25744	0.530822	0.88677	-1.12769	0.25941	0.800361	-1.24944
cg07109332	C1QA	0.0606011	0.042388	0.194448	-5.14277	0.0443702	0.198498	-5.03784	0.0690778	0.242122	-4.13015	0.203833	0.395953	-2.52555	0.0786609	0.256623	-3.89676
cg11159299	GZMM	0.0606023	0.190687	0.8269	-1.20934	0.205179	0.832472	-1.20124	0.00951461	0.637269	-1.5692	0.760051	0.958851	-1.04291	0.0678584	0.755373	-1.32385
cg04244851	C1orf56;BNIPL;BNIPL	0.060603	0.830844	0.933194	-1.07159	0.244089	1.48273	1.48273	0.729164	1.11889	1.11889	0.538847	1.22276	1.22276	0.00195955	0.242975	-4.11564
cg22810105	DLC1	0.0606031	0.266878	1.14084	1.14084	0.0331418	0.752986	-1.32805	0.014073	0.708032	-1.41237	0.324546	0.890576	-1.12287	0.271407	0.877726	-1.13931
cg07354861	C11orf92;C11orf93	0.0606058	0.840411	1.08559	1.08559	0.00183812	6.06234	6.06234	0.138569	1.91448	1.91448	0.480046	0.746462	-1.33965	0.808289	0.905734	-1.10408
cg05597001	C6orf103	0.0606072	0.232598	0.619865	-1.61325	0.508552	0.773959	-1.29206	0.507499	0.773452	-1.29291	0.809954	0.91206	-1.09642	0.903034	0.954502	-1.04767
cg15844441	KIF2B;KIF2B	0.0606087	0.122657	0.62564	-1.59836	0.449622	0.805734	-1.2411	0.427265	0.796718	-1.25515	0.209612	1.4488	1.4488	0.202295	1.45853	1.45853
cg06533042	C1orf21	0.0606094	0.0223092	0.298199	-3.35347	0.725958	0.855996	-1.16823	0.71101	1.17873	1.17873	0.986635	0.992626	-1.00743	0.00404586	0.181648	-5.50514
cg03747695	ZNF227	0.0606095	0.632327	0.790619	-1.26483	0.571135	1.32175	1.32175	0.0822727	2.55536	2.55536	0.00443742	0.157187	-6.36183	0.760767	1.16048	1.16048
cg26767593	DCTN6	0.0606099	0.179885	0.407167	-2.45599	0.0171282	6.25261	6.25261	0.175274	2.48268	2.48268	0.897551	0.921951	-1.08466	0.333076	0.532658	-1.87738
cg19904122	BRUNOL5	0.06061	0.0339169	11.0527	11.0527	0.132047	4.84134	4.84134	0.469713	2.0414	2.0414	0.126869	4.96333	4.96333	0.0404592	9.93658	9.93658
cg26187287	TAP2;TAP2	0.06061	0.286562	0.655384	-1.52582	0.630554	0.831086	-1.20324	0.854509	0.932316	-1.0726	0.0412414	0.406966	-2.45721	0.00168808	0.180255	-5.54771
cg03281705	EXOSC5	0.0606105	0.94281	0.985167	-1.01506	0.0225166	0.565975	-1.76686	0.0758417	0.662607	-1.50919	0.665043	1.09498	1.09498	0.285958	0.793874	-1.25965
cg08473199	WNT10A	0.0606109	0.0712005	14.4625	14.4625	0.0941031	11.4738	11.4738	0.230065	5.30853	5.30853	0.146829	7.87877	7.87877	0.526324	2.34228	2.34228
cg23978866	TTC7A	0.0606131	0.251038	0.616611	-1.62177	0.0163905	3.26331	3.26331	0.78157	1.11858	1.11858	0.306136	1.53292	1.53292	0.0189965	0.318236	-3.14232
cg25495195	DPF3	0.0606162	0.872053	0.977295	-1.02323	0.943255	1.0102	1.0102	0.237751	1.19271	1.19271	0.417368	0.888608	-1.12536	0.0347396	1.4201	1.4201
cg11091734	RGNEF	0.0606167	0.314967	1.38609	1.38609	0.282272	0.703928	-1.4206	0.414314	0.769355	-1.29979	0.859097	1.05742	1.05742	0.00335555	0.285368	-3.50425
cg17536595	RSPH9	0.0606168	0.155331	7.06093	7.06093	0.427498	2.83313	2.83313	0.239674	4.86794	4.86794	0.217133	5.30792	5.30792	0.0789415	0.081457	-12.2764
cg11167521	LRRC50;HSDL1;HSDL1	0.060617	0.474682	1.25926	1.25926	0.00734866	0.334349	-2.99089	0.443523	1.28109	1.28109	0.80241	1.08275	1.08275	0.340061	0.732151	-1.36584
cg15100135	INCA1;CAMTA2;CAMTA2;INCA1;CAMTA2;INCA1;CAMTA2;INCA1	0.0606175	0.0636695	0.737312	-1.35628	0.00304698	0.552508	-1.80993	0.168866	0.807127	-1.23896	0.729467	1.05206	1.05206	0.138596	0.792118	-1.26244
cg23411150	GMDS	0.0606178	0.121939	0.437643	-2.28497	0.0304015	0.285304	-3.50503	0.0490648	0.330397	-3.02666	0.0462684	0.324516	-3.08151	0.245189	0.549269	-1.8206
cg13750441	PXK	0.0606178	0.269164	0.689766	-1.44977	0.0474465	2.07893	2.07893	0.0782511	1.88021	1.88021	0.780236	1.09447	1.09447	0.126473	0.586526	-1.70495
cg02030628	TMEM179B;TAF6L	0.0606186	0.130533	0.856052	-1.16815	0.468574	0.932214	-1.07271	0.0955113	1.19042	1.19042	0.412429	1.08303	1.08303	0.00553251	0.706794	-1.41484
cg07374224	TMPRSS3;TMPRSS3;TMPRSS3	0.0606195	0.091777	0.360029	-2.77756	0.00412258	0.120375	-8.30741	0.0404022	0.271771	-3.67957	0.211559	0.484687	-2.06319	0.038964	0.268422	-3.72547
cg09666541	VENTXP1	0.0606196	0.536237	1.3377	1.3377	0.0794649	2.4702	2.4702	0.206306	0.538357	-1.8575	0.619598	0.792576	-1.26171	0.00359478	0.160181	-6.24292
cg21156620	TAS2R8	0.0606218	0.00222167	0.080394	-12.4387	0.0858174	0.327348	-3.05485	0.153677	0.407184	-2.45589	0.930145	0.949734	-1.05293	0.0936998	0.338149	-2.95727
cg19516009	SFTPC	0.0606233	0.746952	1.10054	1.10054	0.815978	0.93334	-1.07142	0.0247668	0.453421	-2.20545	0.0695598	1.82333	1.82333	0.0163892	2.38249	2.38249
cg12363545	CD47;CD47;CD47	0.0606241	0.769647	0.846814	-1.1809	0.819521	1.13813	1.13813	0.873334	0.913643	-1.09452	0.834264	0.888148	-1.12594	?	?	?
cg10624729	FAM73A	0.0606243	0.0390596	0.326629	-3.06157	0.424273	0.682292	-1.46565	0.287818	0.596308	-1.67699	0.28638	0.595317	-1.67978	0.0030378	0.14919	-6.70286
cg16867584	FUT2;FUT2	0.0606247	0.145865	0.229984	-4.34812	0.00728348	25.9983	25.9983	0.0279721	11.5211	11.5211	0.755313	0.745072	-1.34215	0.173541	0.255881	-3.90807
cg14953197	SIGLEC12	0.0606269	0.0172913	0.26286	-3.8043	0.0469286	0.350618	-2.85211	0.0377907	0.329541	-3.03453	0.134334	0.475233	-2.10423	0.610147	0.78903	-1.26738
cg03718312	MOBKL2A	0.0606305	0.514266	1.14109	1.14109	0.649192	1.0957	1.0957	0.00726065	0.501019	-1.99593	0.391887	1.19131	1.19131	0.0206808	0.573491	-1.74371
cg04982308	BTBD17	0.0606327	0.897721	1.06208	1.06208	0.210164	0.538763	-1.8561	0.213329	0.541311	-1.84737	0.548221	0.75235	-1.32917	0.276255	1.69964	1.69964
cg18938674	RGS10	0.0606332	0.378902	1.16087	1.16087	0.0113739	0.592405	-1.68803	0.0397834	0.675169	-1.48111	0.347218	0.852192	-1.17344	0.258688	0.82305	-1.21499
cg26598749	RRAGB;RRAGB	0.0606368	0.215265	0.771985	-1.29536	0.254593	0.789774	-1.26619	0.0125528	0.540124	-1.85143	0.748167	0.93809	-1.066	0.0162218	0.558031	-1.79202
cg21823426	LOC285768;LOC285768	0.0606385	0.275429	0.47316	-2.11345	0.5309	1.5199	1.5199	0.123292	0.332526	-3.00729	0.0513875	0.231569	-4.31836	0.0220785	0.16359	-6.11284
cg24718971	RASGRF2	0.0606388	0.160079	0.396201	-2.52397	0.0472497	4.05664	4.05664	0.0317364	4.72571	4.72571	0.986844	0.989881	-1.01022	0.891191	0.919038	-1.08809
cg00067141	ARHGAP11B	0.0606411	0.0935633	0.422957	-2.36431	0.475185	0.712621	-1.40327	0.513826	0.73424	-1.36195	0.394221	1.50255	1.50255	0.00643955	0.191425	-5.22397
cg08994061	TSNARE1	0.0606424	0.175144	0.56235	-1.77825	0.025481	0.346504	-2.88597	0.0138847	0.297164	-3.36514	0.584618	0.802221	-1.24654	0.00564815	0.234613	-4.26234
cg12405341	TIGD1;TIGD1;EIF4E2	0.0606434	0.808881	1.02606	1.02606	0.0268974	1.32083	1.32083	0.402799	1.09516	1.09516	0.716849	0.96207	-1.03942	0.125251	1.19264	1.19264
cg00553487	GRIK5	0.060644	0.872679	1.04779	1.04779	0.122273	1.62825	1.62825	0.011556	2.50754	2.50754	0.452141	1.24979	1.24979	0.965844	0.987612	-1.01254
cg23919534	ESPN	0.0606451	0.941153	0.978134	-1.02235	0.420591	0.781613	-1.27941	0.008438	0.365224	-2.73804	0.062868	1.8714	1.8714	0.163354	0.640509	-1.56126
cg23316449	PAPLN	0.0606453	0.548924	0.685175	-1.45948	0.0376969	4.49389	4.49389	0.164253	2.52235	2.52235	0.797127	1.17421	1.17421	0.414089	0.594235	-1.68284
cg21980338	ZNF141	0.0606456	0.0180995	1.84985	1.84985	0.303495	1.25655	1.25655	0.287699	1.26685	1.26685	0.185347	1.35116	1.35116	0.592147	1.12286	1.12286
cg22363327	SFRS13B	0.0606456	0.593952	1.27788	1.27788	0.112346	2.19835	2.19835	0.00813996	4.68116	4.68116	0.1968	1.86233	1.86233	0.720155	1.17813	1.17813
cg03467156	OR2H1	0.0606496	0.947176	0.984025	-1.01623	0.223166	0.732643	-1.36492	0.0606873	0.598105	-1.67195	0.196215	0.717373	-1.39397	0.0939448	1.5646	1.5646
cg17091361	TEKT3	0.060651	0.115918	0.31447	-3.17995	0.461562	0.605138	-1.65252	0.00527565	0.0764372	-13.0826	0.0800405	0.267338	-3.74059	?	?	?
cg27518314	LOC440335;LOC440335;LOC440335	0.0606513	0.147211	0.443982	-2.25234	0.663519	0.795711	-1.25674	0.0246606	0.247419	-4.04173	0.0624846	0.334713	-2.98763	0.02518	0.249114	-4.01423
cg11164980	HSD17B7	0.0606549	0.0666889	1.33969	1.33969	0.0225799	0.67813	-1.47464	0.65099	1.06692	1.06692	0.502436	0.907727	-1.10165	0.0170958	1.51202	1.51202

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23955684	0.391216	0.871825	-1.14702	0.00154363	0.491101	-2.03624	0.543041	1.1009	1.1009	0.134772	0.777438	-1.28628	3.14749	1.21527	0.343206	1
cg24062157	0.194547	1.52966	1.52966	0.246468	1.45555	1.45555	0.684481	1.13489	1.13489	0.574555	0.838893	-1.19205	3.14746	4.78206	1.35052	1
cg05292478	0.726312	0.745597	-1.34121	0.00889843	0.0619984	-16.1294	0.062931	0.17417	-5.74151	0.0651576	0.177347	-5.63867	3.14745	34.7865	9.82427	1
cg25897951	0.303645	0.736817	-1.35719	0.0877636	0.582625	-1.71637	0.0482624	0.52361	-1.90982	0.593341	1.16709	1.16709	3.14735	4.09626	1.15688	1
cg03717414	0.115762	0.658354	-1.51894	0.05319	0.58444	-1.71104	0.620718	1.12971	1.12971	0.654559	0.895729	-1.11641	3.14734	2.98005	0.84164	1
cg16392865	0.156787	1.40242	1.40242	0.382943	0.818895	-1.22116	0.966087	0.990551	-1.00954	0.463362	0.846467	-1.18138	3.14732	2.48571	0.702033	1
cg02463329	0.282508	1.22172	1.22172	0.00146738	0.438877	-2.27854	0.998579	1.00032	1.00032	0.671506	1.0795	1.0795	3.14731	1.60293	0.452712	1
cg22621731	0.136231	1.3436	1.3436	0.00816671	0.536459	-1.86407	0.304794	0.822421	-1.21592	0.440455	0.865257	-1.15573	3.14729	1.68698	0.476454	1
cg13476123	0.958756	1.02147	1.02147	0.682319	1.18418	1.18418	0.0232836	0.328293	-3.04606	0.294562	0.639823	-1.56293	3.14721	8.41085	2.37553	1
cg15057852	0.994181	0.998919	-1.00108	0.00385885	1.78161	1.78161	0.509477	1.10436	1.10436	0.971466	1.00532	1.00532	3.1472	1.09686	0.309794	1
cg16995086	0.194086	0.531043	-1.88309	0.00477857	0.178087	-5.61524	0.358411	0.647229	-1.54505	0.026146	0.296529	-3.37235	3.14719	10.5779	2.9876	1
cg10842515	0.665379	0.824251	-1.21322	0.00735769	0.215596	-4.63831	0.0188851	0.282781	-3.53631	0.0909185	0.437276	-2.28688	3.14712	9.8338	2.77751	1
cg14276083	0.433375	1.45128	1.45128	0.00847476	4.78606	4.78606	0.0269918	0.295211	-3.38741	0.161461	0.49826	-2.00699	3.1471	10.8181	3.05555	1
cg23369017	?	?	?	0.0135129	10.6385	10.6385	0.0066733	15.548	15.548	0.708969	0.755476	-1.32367	3.49197	23.5211	6.73577	1
cg05918327	0.680598	1.24305	1.24305	0.0212113	0.233137	-4.28932	0.110908	0.401344	-2.49163	0.0752748	0.353087	-2.83217	3.14707	13.7711	3.88963	1
cg23183469	0.10139	0.812185	-1.23125	0.330193	0.889995	-1.1236	0.860658	1.02059	1.02059	0.817647	1.02715	1.02715	3.14704	0.670462	0.189373	1
cg07982869	0.0430992	0.140972	-7.09362	0.00535707	0.0456131	-21.9235	0.361139	0.453721	-2.204	0.112493	0.233507	-4.28253	3.14704	35.3226	9.97696	1
cg17609600	0.834699	1.05441	1.05441	0.77871	0.93106	-1.07404	0.0174453	2.08297	2.08297	0.0697971	1.6722	1.6722	3.14699	3.20448	0.905125	1
cg05859323	0.00423332	0.410332	-2.43705	0.520114	1.16379	1.16379	0.264092	1.31104	1.31104	0.352124	1.24953	1.24953	3.14698	2.69764	0.761968	1
cg04305912	0.00874451	2.28034	2.28034	0.385989	1.24524	1.24524	0.362691	1.25972	1.25972	0.295946	0.765314	-1.30665	3.14698	3.03571	0.857462	1
cg22100476	0.0994833	0.797582	-1.25379	0.0450473	0.749704	-1.33386	0.716355	1.04677	1.04677	0.411108	1.11102	1.11102	3.14697	0.782006	0.220884	1
cg11726229	0.152498	0.671061	-1.49018	0.194272	0.699464	-1.42967	0.487432	0.83224	-1.20158	0.335228	0.772086	-1.29519	3.14695	3.37669	0.95378	1
cg11040238	0.104761	0.54137	-1.84717	0.469909	0.77534	-1.28976	0.813777	1.0851	1.0851	0.12704	0.564851	-1.77038	3.14695	5.97083	1.68652	1
cg26226914	0.12161	1.19663	1.19663	0.013011	0.719198	-1.39044	0.356243	0.90348	-1.10683	0.793628	1.02844	1.02844	3.14694	0.570272	0.16108	1
cg09499698	0.939891	0.953461	-1.04881	0.477074	0.633277	-1.57909	0.00254894	0.070976	-14.0893	0.424085	0.596967	-1.67513	3.14691	19.9024	5.62172	1
cg23075144	0.815285	0.910033	-1.09886	0.00137087	0.154001	-6.49346	0.196414	0.576789	-1.73374	0.647629	0.830782	-1.20369	3.14691	8.08877	2.28478	1
cg07404400	0.013016	1.36699	1.36699	0.833956	1.02153	1.02153	0.0434483	1.26568	1.26568	0.299727	0.896698	-1.1152	3.14685	0.513016	0.144911	1
cg22690212	0.0172209	0.497261	-2.01102	0.218443	0.732262	-1.36563	0.576414	1.14552	1.14552	0.687918	1.10209	1.10209	3.14682	2.88819	0.815833	1
cg12302428	0.557471	0.744997	-1.34229	0.0535291	2.96841	2.96841	0.0680781	2.75617	2.75617	0.163638	2.09097	2.09097	3.14681	12.271	3.46622	1
cg18563630	0.123285	0.227433	-4.3969	0.0067088	0.0442095	-22.6196	0.0380641	0.118495	-8.43921	0.102057	0.204465	-4.89082	3.1468	39.2153	11.0773	1
cg09814231	0.0756838	0.630385	-1.58633	0.0134335	0.489508	-2.04287	0.473278	0.843474	-1.18557	0.765453	0.93256	-1.07232	3.14679	2.71443	0.766757	1
cg00566516	0.86122	1.05118	1.05118	0.0696879	0.560675	-1.78356	0.102399	1.66495	1.66495	0.0462824	1.91778	1.91778	3.14679	4.05438	1.14526	1
cg24301247	0.837742	0.936731	-1.06754	0.474118	1.26117	1.26117	0.00807917	2.94849	2.94849	0.113972	1.72995	1.72995	3.14675	5.06347	1.43032	1
cg03752741	0.140425	0.527533	-1.89562	0.247054	0.613796	-1.62921	0.453693	1.36043	1.36043	0.427561	0.721334	-1.38632	3.14673	8.10469	2.28942	1
cg03646297	0.981741	1.00375	1.00375	0.137738	1.29895	1.29895	0.347185	1.17163	1.17163	0.0763072	0.724189	-1.38086	3.14673	1.33453	0.376979	1
cg13920521	0.127924	1.44699	1.44699	0.867439	0.963192	-1.03821	0.168178	0.71914	-1.39055	0.879304	0.966462	-1.0347	3.14671	2.51168	0.709503	1
cg09109411	0.27819	0.489136	-2.04442	0.11628	0.338779	-2.95178	0.131684	0.356298	-2.80664	0.0864765	0.300899	-3.32338	3.1467	20.0439	5.66204	1
cg14862171	0.744251	0.969412	-1.03155	0.00679342	1.39496	1.39496	0.345027	1.09669	1.09669	0.34906	0.912576	-1.0958	3.14668	0.448827	0.126787	1
cg09970511	0.243278	0.406937	-2.45738	0.0376317	0.169339	-5.90533	0.6602	0.721959	-1.38512	0.132955	0.303082	-3.29944	3.14667	27.0243	7.63396	1
cg05133340	0.750517	0.914493	-1.0935	0.00502426	0.353474	-2.82906	0.130416	1.58046	1.58046	0.485185	1.21987	1.21987	3.14664	3.91297	1.10537	1
cg26238604	0.96694	0.991448	-1.00863	0.903867	0.975271	-1.02536	0.248435	1.28406	1.28406	0.91609	0.978396	-1.02208	3.14663	2.14028	0.604606	1
cg21573263	0.433569	0.70741	-1.41361	0.152572	0.514942	-1.94197	0.438243	0.709996	-1.40846	0.452002	1.39362	1.39362	3.14661	9.35082	2.64153	1
cg06983746	0.155679	1.37314	1.37314	0.0115828	1.9327	1.9327	0.086979	1.48371	1.48371	0.441336	0.848835	-1.17809	3.14661	2.17149	0.613428	1
cg16019700	0.049769	0.205488	-4.86646	0.751435	0.798768	-1.25193	0.272152	0.445659	-2.24387	0.0145363	0.119018	-8.4021	3.1466	24.9145	7.03815	1
cg04053163	0.681845	1.09043	1.09043	0.0026158	2.39962	2.39962	0.751456	0.935445	-1.06901	0.480055	1.16274	1.16274	3.14658	2.19818	0.620973	1
cg18772588	0.158601	0.625203	-1.59948	0.399658	1.30829	1.30829	0.876716	0.952767	-1.04957	0.942132	0.977627	-1.02288	3.14657	4.84084	1.36751	1
cg18474185	0.0213323	1.88497	1.88497	0.580152	1.13658	1.13658	0.98578	1.00409	1.00409	0.968577	0.991015	-1.00907	3.14653	2.61625	0.739086	1
cg09671094	0.0982907	1.50559	1.50559	0.00766942	2.16694	2.16694	0.647593	1.10944	1.10944	0.374942	1.22815	1.22815	3.14652	2.53784	0.716937	1
cg09519273	0.856517	1.0359	1.0359	0.00896281	1.91138	1.91138	0.411074	0.848892	-1.17801	0.397209	0.844544	-1.18407	3.14652	1.89298	0.534766	1
cg03301862	0.633948	1.05802	1.05802	0.0421619	1.31682	1.31682	0.977156	1.00337	1.00337	0.967531	1.0048	1.0048	3.14651	0.688818	0.194591	1
cg05055400	0.291679	0.661788	-1.51106	0.0249732	2.73594	2.73594	0.256551	0.63966	-1.56333	0.122779	1.87928	1.87928	3.1465	7.09419	2.00412	1
cg14565781	0.397486	1.38773	1.38773	0.54123	0.791429	-1.26354	0.0315106	2.59579	2.59579	0.714596	1.14902	1.14902	3.14649	7.1282	2.01373	1
cg13954131	0.625479	1.17823	1.17823	0.632384	0.85155	-1.17433	0.839144	0.934477	-1.07012	0.369822	0.735592	-1.35945	3.14645	5.54002	1.56508	1
cg01545419	0.572829	1.1687	1.1687	0.162718	1.5034	1.5034	0.669343	1.12472	1.12472	0.329585	1.3169	1.3169	3.14644	3.73025	1.05382	1
cg13364288	0.710305	0.923357	-1.08301	0.0344698	0.590333	-1.69396	0.234323	1.30531	1.30531	0.769216	1.0649	1.0649	3.14643	2.27609	0.643012	1
cg06119392	0.198511	0.629624	-1.58825	0.473378	0.780146	-1.28181	0.464775	1.28827	1.28827	0.439651	1.30778	1.30778	3.14643	5.77622	1.63183	1
cg12378187	0.657066	0.680879	-1.46869	0.0954769	4.83322	4.83322	0.0196817	11.2872	11.2872	0.14537	0.260539	-3.83819	3.14642	36.8749	10.4174	1
cg06224485	0.317265	0.903106	-1.10729	0.00171881	1.55436	1.55436	0.781699	0.972987	-1.02776	0.834003	1.0209	1.0209	3.14641	0.484277	0.136812	1
cg11842367	0.778758	0.87797	-1.13899	0.722069	1.17943	1.17943	0.658327	1.22832	1.22832	0.0628459	0.380174	-2.63037	3.14633	10.6397	3.00588	1
cg08120023	0.590753	0.813301	-1.22956	0.740305	0.881066	-1.13499	0.014053	3.1715	3.1715	0.57562	1.24023	1.24023	3.14631	7.22115	2.0401	1
cg10271061	0.164693	0.317676	-3.14786	0.00601875	0.0622699	-16.0591	0.415276	0.525107	-1.90438	0.11149	0.261579	-3.82293	3.1463	29.8202	8.42477	1
cg14930269	0.819387	0.962864	-1.03857	0.0263558	0.646751	-1.54619	0.229325	0.811622	-1.2321	0.0168231	0.617137	-1.62039	3.1463	1.36426	0.38543	1
cg02515133	0.62403	0.843705	-1.18525	0.100795	1.85584	1.85584	0.159622	1.67699	1.67699	0.554063	1.22864	1.22864	3.14629	5.89768	1.66621	1
cg20391984	0.799393	1.05356	1.05356	0.00939139	1.96363	1.96363	0.703757	1.08143	1.08143	0.817609	1.04847	1.04847	3.14622	2.09207	0.591066	1
cg06246882	0.172278	0.503706	-1.98529	0.0101894	0.216681	-4.61507	0.303227	0.604491	-1.65428	0.0582412	0.364117	-2.74637	3.1462	11.1023	3.13671	1
cg19766578	0.0990762	0.501842	-1.99266	0.00376419	0.225135	-4.44178	0.0634117	0.451158	-2.21652	0.0671647	0.457357	-2.18647	3.14618	7.24463	2.04682	1
cg07263372	0.509583	1.17226	1.17226	0.0262786	1.87042	1.87042	0.421432	1.21545	1.21545	0.853868	1.04478	1.04478	3.14617	2.81248	0.79461	1
cg00449384	0.351967	1.4869	1.4869	0.0231131	0.324689	-3.07987	0.159355	0.536427	-1.86419	0.161303	0.538192	-1.85807	3.14612	8.54624	2.41461	1
cg07468062	0.463412	1.32834	1.32834	0.950083	1.0241	1.0241	0.0456774	0.418268	-2.39081	0.0917101	0.493421	-2.02666	3.1461	7.21117	2.03742	1
cg15345154	0.398906	1.10962	1.10962	0.40846	0.903187	-1.10719	0.0760027	1.26847	1.26847	0.0150388	1.43324	1.43324	3.1461	0.722753	0.204205	1
cg22531889	0.380228	1.32963	1.32963	0.063868	0.517217	-1.93342	0.133955	0.599545	-1.66793	0.568408	0.833205	-1.20019	3.14609	4.99185	1.41038	1
cg21939482	0.710782	0.941372	-1.06228	0.924907	1.01541	1.01541	0.451788	1.13242	1.13242	0.00550115	1.80762	1.80762	3.14606	1.31106	0.370428	1
cg06080688	0.104613	0.797977	-1.25317	0.354515	0.885872	-1.12883	0.415072	0.899437	-1.11181	0.80484	0.968995	-1.032	3.14605	0.806483	0.227864	1
cg21604042	0.0774564	1.35074	1.35074	0.00705966	0.586625	-1.70467	0.848811	1.02967	1.02967	0.843983	1.03064	1.03064	3.14604	1.16918	0.330343	1
cg04220298	0.0204336	1.20511	1.20511	0.0694962	1.14521	1.14521	0.1552	1.10692	1.10692	0.0232502	1.19858	1.19858	3.14603	0.222204	0.062782	1
cg21144161	0.720653	0.888883	-1.12501	0.0359712	0.449189	-2.22623	0.498757	1.25266	1.25266	0.564562	0.826095	-1.21051	3.14603	5.36187	1.51496	1
cg14662172	0.214927	0.660336	-1.51438	0.598388	1.18409	1.18409	0.147234	0.609914	-1.63958	0.0375006	0.464244	-2.15404	3.14603	5.03557	1.42277	1
cg03900195	0.0857786	1.29786	1.29786	0.812355	1.03319	1.03319	0.0709178	1.31923	1.31923	0.389556	1.1287	1.1287	3.14593	0.939337	0.265411	1
cg12689055	0.905036	1.04796	1.04796	0.00265635	0.195631	-5.11166	0.205439	0.591951	-1.68933	0.217136	0.600687	-1.66476	3.14592	7.67601	2.16888	1
cg14496048	0.0750069	0.371398	-2.69253	0.0284392	0.274747	-3.63971	0.0399976	0.305514	-3.27317	0.150645	0.463233	-2.15874	3.14591	12.4333	3.51308	1
cg07488803	0.0990746	1.5532	1.5532	0.00564705	2.42153	2.42153	0.104169	1.54127	1.54127	0.56742	1.15114	1.15114	3.14585	2.95436	0.83478	1
cg00137918	0.00358215	0.37207	-2.68767	0.0931089	0.629416	-1.58877	0.571562	0.866512	-1.15405	0.224623	0.726392	-1.37667	3.14584	3.1292	0.884188	1
cg06424550	0.00459168	0.405473	-2.46626	0.805481	0.942676	-1.06081	0.910535	0.973466	-1.02726	0.526812	0.857765	-1.16582	3.14579	2.85201	0.805876	1
cg11849327	0.243472	0.793742	-1.25986	0.0290563	0.614489	-1.62737	0.964103	0.991518	-1.00855	0.0769146	0.68913	-1.4511	3.14577	1.78492	0.504359	1
cg07109332	0.333039	0.502907	-1.98844	0.00581926	0.0753804	-13.2661	0.0221972	0.144664	-6.91259	0.104616	0.291658	-3.42867	3.39493	24.705	5.65989	1
cg11159299	0.362995	0.879639	-1.13683	0.00947774	0.637047	-1.56974	0.061667	0.749228	-1.33471	0.0511281	0.737357	-1.3562	3.14574	0.937422	0.264887	1
cg04244851	0.864778	0.9464	-1.05664	0.15187	0.608846	-1.64245	0.377553	1.33996	1.33996	0.575337	0.832821	-1.20074	3.14572	5.20455	1.47065	1
cg22810105	0.515277	1.07805	1.07805	0.0945182	1.23288	1.23288	0.208183	0.859719	-1.16317	0.206749	0.859264	-1.16379	3.14572	0.646438	0.182665	1
cg07354861	0.251532	0.613899	-1.62893	0.982339	0.991025	-1.00906	0.677711	0.843476	-1.18557	0.684791	0.846855	-1.18084	3.14567	8.26504	2.3355	1
cg05597001	0.0260422	2.74324	2.74324	0.452356	0.746385	-1.33979	0.915399	0.960214	-1.04143	0.0046318	4.21747	4.21747	3.14564	7.27243	2.05503	1
cg15844441	0.785793	0.926467	-1.07937	0.117666	1.61028	1.61028	0.146501	1.548	1.548	0.00909971	0.394901	-2.53228	3.14561	3.91609	1.10661	1
cg06533042	0.406728	0.687275	-1.45502	0.301569	0.623175	-1.60469	0.280583	1.64144	1.64144	0.129834	0.48528	-2.06067	3.14559	9.72651	2.74854	1
cg03747695	0.791127	0.878649	-1.13811	0.0903102	0.402644	-2.48358	0.48864	1.40898	1.40898	0.275216	1.73892	1.73892	3.14559	11.834	3.34409	1
cg26767593	0.128989	0.355253	-2.8149	0.0399488	0.223596	-4.47234	0.637483	1.34909	1.34909	0.146854	0.37448	-2.67037	3.14558	19.8264	5.60262	1
cg19904122	0.0590825	7.90935	7.90935	0.00975896	23.831	23.831	0.0299867	11.9078	11.9078	0.0619991	7.68275	7.68275	3.14558	46.9018	13.2537	1
cg26187287	0.606285	0.819964	-1.21957	0.0973766	0.499299	-2.00281	0.585613	0.810423	-1.23392	0.156329	0.560478	-1.78419	3.14558	7.26248	2.05226	1
cg03281705	0.00640044	0.477618	-2.09372	0.369944	1.21142	1.21142	0.119454	0.703317	-1.42183	0.223585	0.76617	-1.30519	3.14557	2.16159	0.610832	1
cg08473199	0.0768991	13.5699	13.5699	0.00565139	123.22	123.22	0.0212658	39.2614	39.2614	0.0446259	21.2536	21.2536	3.14556	87.55	24.7403	1
cg23978866	0.625415	1.2194	1.2194	0.0719385	2.24767	2.24767	0.970708	1.01491	1.01491	0.296634	1.54693	1.54693	3.14552	8.09759	2.28829	1
cg25495195	0.198854	1.21345	1.21345	0.00231621	1.83376	1.83376	0.468489	1.11083	1.11083	0.735021	1.0496	1.0496	3.14545	1.01152	0.285851	1
cg11091734	0.183613	0.641931	-1.5578	0.97698	1.00911	1.00911	0.217808	1.50284	1.50284	0.0783677	0.540963	-1.84856	3.14544	4.91834	1.3899	1
cg17536595	0.219461	5.25888	5.25888	0.0108881	60.8993	60.8993	0.0486783	18.0732	18.0732	0.0539672	16.6449	16.6449	3.14544	82.3156	23.262	1
cg11167521	0.0715562	0.528339	-1.89272	0.0287614	0.441405	-2.26549	0.311703	1.39355	1.39355	0.360719	0.74235	-1.34707	3.14544	5.00859	1.41541	1
cg15100135	0.257694	0.841435	-1.18845	0.0595102	0.732799	-1.36463	0.327175	0.862562	-1.15934	0.609539	1.0782	1.0782	3.14543	1.06433	0.300776	1
cg23411150	0.175003	0.491149	-2.03604	0.00736334	0.18224	-5.48727	0.91269	1.05555	1.05555	0.052364	0.337044	-2.96697	3.14542	12.1033	3.42037	1
cg13750441	0.964725	1.01438	1.01438	0.0488551	0.483846	-2.06678	0.0361784	0.455561	-2.1951	0.669764	1.1485	1.1485	3.14542	5.18898	1.46639	1
cg02030628	0.138545	0.859178	-1.1639	0.0919489	0.838128	-1.19313	0.971762	1.00337	1.00337	0.914804	0.989866	-1.01024	3.14541	0.451323	0.127544	1
cg07374224	0.197298	0.472354	-2.11705	0.0536761	0.299478	-3.33914	0.108831	0.381984	-2.61791	0.217116	0.48938	-2.0434	3.14539	15.0858	4.26325	1
cg09666541	0.228587	1.79857	1.79857	0.951039	1.02894	1.02894	0.509908	0.733068	-1.36413	0.386229	0.661916	-1.51077	3.14538	10.7497	3.03787	1
cg21156620	0.707205	1.24851	1.24851	0.914993	1.06482	1.06482	0.144742	0.397987	-2.51265	0.227237	0.474427	-2.10781	3.14534	17.2353	4.8708	1
cg19516009	0.318171	1.35706	1.35706	0.10762	1.68138	1.68138	0.498223	0.815893	-1.22565	0.348408	1.33067	1.33067	3.14531	4.36233	1.23283	1
cg12363545	0.103679	0.360114	-2.7769	?	?	?	0.235736	0.492435	-2.03073	0.00261424	0.0830012	-12.048	3.48979	13.4819	3.86324	1
cg10624729	0.992321	0.995501	-1.00452	0.159861	2.02095	2.02095	0.808988	0.892744	-1.12014	0.314034	0.613983	-1.62871	3.14529	10.9329	3.08973	1
cg16867584	0.462124	0.494282	-2.02314	0.887508	1.14252	1.14252	0.692108	0.68752	-1.4545	0.812855	1.25013	1.25013	3.14528	44.1402	12.4745	1
cg14953197	0.118725	0.458234	-2.18229	0.00772218	0.206598	-4.84031	0.856862	0.92017	-1.08676	0.170221	0.510128	-1.96029	3.14524	10.5773	2.9893	1
cg03718312	0.410143	1.18304	1.18304	0.173127	1.33546	1.33546	0.572453	0.892417	-1.12055	0.878151	0.969847	-1.03109	3.14516	1.98371	0.560639	1
cg04982308	0.128213	2.16008	2.16008	0.00481813	5.76375	5.76375	0.236732	1.78712	1.78712	0.279543	0.590662	-1.69302	3.14512	10.9261	3.08799	1
cg18938674	0.298864	0.837	-1.19474	0.641403	0.92542	-1.08059	0.0130438	0.601134	-1.66352	0.0630939	0.707899	-1.41263	3.14511	1.36016	0.384416	1
cg26598749	0.599325	0.900163	-1.11091	0.059143	1.52614	1.52614	0.456985	0.860459	-1.16217	0.186563	0.75745	-1.32022	3.14504	1.96068	0.554151	1
cg21823426	0.133338	0.343716	-2.90938	0.01175	0.125463	-7.97047	0.0281079	0.180779	-5.53162	0.601463	0.706412	-1.41561	3.145	21.6661	6.1236	1
cg24718971	0.527301	0.673628	-1.4845	0.900052	1.08059	1.08059	0.00750051	8.35549	8.35549	0.911659	1.07086	1.07086	3.14499	18.9524	5.35664	1
cg00067141	0.354649	0.641281	-1.55938	0.0716083	0.391172	-2.55642	0.470839	1.40813	1.40813	0.0238488	0.284193	-3.51874	3.14495	10.8429	3.06466	1
cg08994061	0.958938	0.979656	-1.02077	0.929204	0.965147	-1.03611	0.715034	0.863828	-1.15764	0.769097	0.889129	-1.1247	3.14492	7.93771	2.24353	1
cg12405341	0.632768	0.950175	-1.05244	0.911926	1.01182	1.01182	0.0117939	0.71614	-1.39638	0.0753291	1.23395	1.23395	3.1449	0.561392	0.158674	1
cg00553487	?	?	?	0.027253	0.467399	-2.1395	0.899756	0.96398	-1.03737	0.137156	1.59371	1.59371	3.18838	3.80343	1.1929	1
cg23919534	0.264811	0.706087	-1.41626	0.593197	0.850891	-1.17524	0.112792	1.67681	1.67681	0.312525	1.3673	1.3673	3.14487	4.46633	1.2624	1
cg23316449	0.0988148	3.09032	3.09032	0.022298	5.51431	5.51431	0.0330224	4.73079	4.73079	0.0343652	4.65814	4.65814	3.14486	19.3568	5.47115	1
cg21980338	0.107471	1.45709	1.45709	0.42112	1.19256	1.19256	0.00225881	2.49861	2.49861	0.190587	1.34581	1.34581	3.14486	2.28693	0.646397	1
cg22363327	0.452319	0.705463	-1.41751	0.0241504	0.293721	-3.40459	0.762142	0.870815	-1.14835	0.984931	0.991431	-1.00864	3.14486	10.3421	2.92319	1
cg03467156	0.381141	0.803859	-1.244	0.00940733	2.2259	2.2259	0.988689	0.996561	-1.00345	0.352128	1.26204	1.26204	3.14477	2.94227	0.831649	1
cg17091361	0.177021	0.379822	-2.63281	0.573172	1.46384	1.46384	0.0835134	0.272347	-3.67179	?	?	?	3.48913	18.7927	5.38608	1
cg27518314	0.223371	0.512808	-1.95005	0.00808246	0.170204	-5.87531	0.174523	0.470498	-2.12541	0.0496288	0.310618	-3.21938	3.14474	13.5729	3.8365	1
cg11164980	0.799263	1.03691	1.03691	0.82301	0.968638	-1.03238	0.744698	1.04757	1.04757	0.0743157	1.32689	1.32689	3.14467	1.00755	0.284801	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T-vs-N) 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T-vs-N) 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T-vs-N) 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T-vs-N) 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T-vs-N) 353T vs. N)	p-value(353T vs. N)	Fold-Change(353T-vs-N) 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T-vs-N) 37T vs. N)	p-value(5 vs. N)	Fold-Change(5637T-vs-N) 637 vs. N)	p-value(563 vs. N)	Fold-Change(5637-vs-N) 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg15001406	RIMBP2	0.0606071	0.27353	1.4596661	-2.17552	2.1270994	0.38159	1.08159	0.234932	2.33765	2.33765	0.743347	0.799232	-1.2512	0.172575	0.1731516	-2.69168	0.865184	0.89056	-1.12288	0.00610405	0.0870364	-11.4894	0.0577334	0.2231407	-4.3214	0.2193777	0.427904	-2.33087	1.34462	23.1707	6.54965	1
cg02855996	REPIN1;REPIN1;REPIN1;REPIN1	0.0606574	0.550138	0.887149	-1.12721	0.8896025	0.690151	-1.44896	0.0910598	0.691672	-1.44577	0.367138	1.19679	1.19679	0.794314	0.9405569	1.05311	0.115948	0.712914	-1.40269	0.00707504	1.99236	1.99236	0.691267	1.08227	1.08227	0.372247	0.834073	-1.19894	1.44661	1.95359	0.552221	1
cg13030503	PTPRM;PTPRM	0.0606558	0.4072329	1.2992	1.2992	1.0486644	0.442359	-2.26061	0.6633616	0.85342	-1.17176	0.134136	1.79518	1.79518	0.0100421	0.3082039	-3.24445	0.61941	0.834138	-1.19884	0.0557008	0.4560093	-2.19297	0.115984	0.5386	-1.85667	0.1816584	0.598392	-1.67114	1.9466	6.53371	1.84689	1
cg18273964	CACS21;CACS21	0.0606585	0.0678004	0.500289	-1.99885	0.2214453	0.647208	-1.5451	0.02166688	0.393262	-2.54283	0.1240389	0.569057	-1.75729	0.003873448	0.2679934	-3.73254	0.665251	0.862972	-1.15879	0.872169	1.05603	1.05603	0.09252115	0.534433	-1.8715	0.6210881	0.844773	-1.18375	1.54459	5.70791	1.63147	1
cg07307335	LONRF1	0.0606589	0.143128	0.506366	-1.97486	0.0779625	0.229663	-4.35421	0.111929	0.473045	-2.11397	0.69315	1.38708	1.38708	0.0508937	0.382211	-2.61636	0.596022	0.793447	-1.26032	0.720052	0.855877	-1.16839	0.304323	1.58381	1.58381	0.0261812	0.319576	-3.12915	1.44558	9.3136	2.6327	1
cg13629999	UCK1;UCK1	0.0606591	0.991946	0.996477	-1.00354	0.4782675	1.28672	1.28672	0.7853302	0.908925	-1.1002	0.8505593	1.06818	1.06818	0.195325	0.6194029	-1.61439	0.828002	1.07906	1.07906	0.00113659	0.1875	-5.33333	0.622468	0.840682	-1.18951	0.4331944	0.756029	-1.3227	1.54858	6.09016	1.72153	1
cg21506509	MN1	0.0606593	0.0671041	5.48192	5.48192	0.0066416	18.5531	18.5531	0.0171996	11.0987	11.0987	0.19564	3.11017	3.11017	0.0803543	4.99391	4.99391	0.140601	3.72177	3.72177	0.0370021	7.44938	7.44938	0.122283	4.0087	4.0087	0.3674474	2.15446	2.15446	1.84558	34.2344	9.67717	1
cg25191404	BCL2L1;BCL2L1	0.0606629	0.998073	0.999168	-1.00083	0.9195856	2.324439	2.324439	0.3787511	0.870207	-1.13868	0.8165516	1.08198	1.08198	0.696173	1.14479	1.14479	0.0189778	0.375776	-2.66115	0.1656415	2.740751	2.74075	0.192425	1.60862	1.60862	0.9107561	1.09939	1.09939	1.94651	5.91287	1.67145	1
cg20371401	C2;C2;C2;C2	0.0606631	0.04112195	0.795079	-1.25776	1.16616	1.16616	0.0752907	0.806837	-1.25906	0.6333059	0.226729	-1.46056	0.08095461	0.1376919	-1.26645	0.0796246	0.313746	-1.38729	0.5546268	0.272377	-1.67138	0.9910025	0.9933112	-1.00673	0.22554	0.468002	2.13674	1.1445	17.7238	5.01016	1
cg19250002	RIMBP3	0.0606642	0.401773	1.50242	1.50242	0.109371	2.28893	2.28893	0.111899	2.27324	2.27324	0.476329	1.40993	1.40993	0.025285	0.2831174	-3.5314	0.740223	1.17098	1.17098	0.0455574	2.96725	2.96725	0.023483	3.61001	3.61001	0.862691	0.921166	-1.08558	1.44468	11.2063	3.16782	1
cg12923297	XX	0.0606742	0.29101	0.749266	-1.33464	0.636774	0.882225	-1.1335	0.8855321	1.03868	1.03868	0.197979	0.698761	-1.4311	0.158186	0.6720334	-1.48802	0.148938	0.665135	-1.50345	0.00195868	0.31561	-3.16847	0.445777	1.22722	1.22722	0.504806	1.19517	1.19517	1.34427	3.45603	0.977021	1
cg21221598	RIMBP2	0.0606758	0.388509	1.27355	1.27355	0.1794616	1.47724	1.47724	0.890473	1.03842	1.03842	0.109952	1.61076	1.61076	0.4403353	0.8063013	-1.24023	0.237165	1.40333	1.40333	0.0210628	0.4680959	-2.13648	0.0503893	0.543239	-1.84081	0.0893759	1.599012	-1.66942	1.44424	3.72784	1.05387	1
cg21810664	SPHY5	0.0606776	0.0380836	0.291447	-3.43115	0.296681	0.269137	-3.71559	0.0861052	0.378127	-2.64462	0.388331	0.635467	-1.57365	0.0221849	0.245092	-4.0801	0.121257	0.422501	-2.36686	0.0347455	0.283041	-3.53306	0.0158208	0.219593	-4.55388	0.145071	0.448207	-2.23111	1.44421	13.0957	3.70225	1
cg10903396	CHN2	0.0606778	0.0229304	0.2004	-4.99121	0.0608204	0.183829	-5.44968	0.0123232	0.253134	-3.95048	0.0239549	0.155599	-2.56184	0.0045999	0.1959	-5.10619	0.0980824	0.2226	-4.49239	0.0139549	0.1255	-7.97054	0.0144822	0.44403	-2.2521	0.0889971	0.208311	-4.80466	1.4442	34.9742	8.88745	1
cg03429645	NIT2	0.0606783	0.0532831	0.367098	-2.72407	0.475842	1.39226	1.39226	0.897105	1.06083	1.06083	0.0341982	0.38915	0.38915	0.0174738	0.267025	-3.74496	0.239536	0.569983	-1.75444	0.08706	0.422133	-2.36892	0.365074	0.653914	-1.52925	0.4895573	0.725873	-1.37765	1.44419	10.3741	2.93285	1
cg20592124	SUMO1;SUMO1;SUMO1	0.0606788	0.0644084	0.802456	-1.24617	0.1807344	1.16246	1.16246	0.2203595	1.12935	1.12935	0.709318	0.885668	1.12998	0.0878312	1.22081	1.22081	0.0696364	0.999577	-1.00044	0.0114599	0.735273	-1.35987	0.3624418	0.518579	-1.92853	0.1170953	1.03098	1.03098	1.44418	0.558713	0.157953	1
cg09473245	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0606797	0.193861	0.70948	-1.40947	0.49945	1.18668	1.18668	0.024821	0.615114	0.6332573	0.194831	0.552505	0.86068	-1.16187	0.173664	0.6966097	1.43534	0.468182	2.02036	1.20236	0.00416672	0.38339	-2.60831	0.573405	0.74307	-1.35507	1.44616	3.10405	0.877549	1
cg04899175	NOS1	0.0606802	0.251036	1.88964	1.88964	0.00932409	5.75462	5.75462	0.0691466	2.94187	2.94187	0.869271	0.916306	-1.09134	0.318468	1.72828	1.72828	0.604142	0.757647	-1.31988	0.35345	0.602529	-1.65967	0.0350474	0.68089	0.68089	0.193766	0.482094	-2.07428	1.44615	14.0212	3.96395	1
cg18190534	SLC45A4	0.0606817	0.763229	0.891683	-1.12147	0.0409016	0.408468	-2.44835	0.0394968	0.405086	-2.46861	0.716294	0.870674	-1.14854	0.0505683	0.245124	-4.07955	0.169825	0.574169	-1.74165	0.0132662	0.494666	-2.30062	0.831075	1.08444	1.08444	0.105499	0.511169	-1.9563	1.44408	7.16949	2.02694	1
cg10838844	CBS	0.0606837	0.0762271	0.32339	0.32339	0.00870207	7.30364	7.30364	0.50564	1.49521	1.49521	0.908743	1.07057	1.07057	0.1082	0.352654	-2.83564	0.187433	0.435658	-2.29538	0.751665	1.20781	1.20781	0.0503405	0.76879	0.76879	0.953883	1.03499	1.03499	1.44408	17.6128	4.97946	1
cg22820500	BRF1	0.0606839	0.7848823	0.866402	-1.15447	0.2994997	1.04945	1.04945	0.8555	1.03574	1.03574	0.0969154	0.96553	1.0974	0.0961917	1.3554	1.3554	0.0892794	1.16204	1.16204	0.0481301	1.2255	1.2255	0.0173273	1.72273	1.72273	0.0422249	1.13695	1.13695	1.13695	1.44408	1.89984	0.390105	1
cg11798390	NOLC1	0.0606846	0.412873	0.912455	-1.09594	0.975586	1.00335	1.00335	0.0743491	0.804459	-1.24307	0.111659	0.82729	-1.20877	0.997582	1.00033	1.00033	0.497672	0.927424	-1.07826	0.0473138	0.779893	-1.28223	0.277526	0.883747	-1.13155	0.00922385	1.435725	1.43575	1.44406	0.559634	0.168597	1
cg06639788	HIAT1	0.0606849	0.142327	1.21201	1.21201	0.0267045	0.726095	-1.37723	0.0269113	0.712039	-1.40442	0.345536	1.12573	1.12573	0.276277	0.8710491	-1.14804	0.11564	0.811804	-1.23182	0.342597	0.887631	-1.12659	0.350153	1.12439	1.12439	0.334541	1.129	1.129	1.44406	0.7400331	0.209222	1
cg05149258	DNAH5;DNAH5	0.0606856	0.827264	0.9477	1.05529	0.7709775	0.926507	-1.0259	0.6307899	0.748766	-1.33586	0.145048	0.986328	1.96838	0.0725261	1.96838	1.96838	0.0314693	2.44769	2.44769	1.34247	0.3858404	0.582243	1.71964	0.5603	2.56037	0.578734	1.310881	1.22881	1.44406	5.02327	1.60936	1
cg22822446	C10orf50	0.0606859	0.288857	1.51264	1.51264	0.0296108	2.61856	2.61856	0.706432	0.867421	-1.15284	0.209549	0.608278	-1.64399	0.383217	0.714545	-1.39949	0.0477662	0.427075	-2.34151	0.0404991	0.411995	-2.42721	0.141396	1.81203	1.81203	0.545127	1.25884	1.25884	1.44404	7.03549	1.98909	1
cg25499801	SLC7A1	0.0606865	0.0680581	0.459503	-2.17648	0.1804254	0.490508	-2.03197	0.0155955	0.408625	-2.44128	0.718234	0.899542	-1.1154	0.4009302	0.970145	-1.03066	0.618133	0.859442	-1.16353	0.4422514	1.606939	1.60694	0.0127068	0.5443	1.83643	0.4203442	1.27887	1.27887	1.44404	4.52342	1.27887	1
cg21084061	KIAA1586	0.0606883	0.299877	1.15386	1.15386	0.583155	0.928831	-1.07662	0.00721958	1.58699	1.58699	0.252915	1.02978	1.02978	0.0856797	1.28793	1.28793	0.785309	1.03704	1.03704	0.163237	0.820174	-1.21925	0.603568	0.932593	-1.07228	0.0599985	0.753783	-1.32664	1.43999	0.883596	0.249816	1
cg00337968	KIAA1549;KIAA1549	0.0606889	0.00864682	0.41699	-2.39814	0.382998	0.791553	-1.26334	0.442254	0.814871	-1.22719	0.0280367	0.507587	-1.9701	0.920006	1.0266	1.0266	0.0670135	0.584821	-1.70993	0.121221	1.55122	1.55122	0.584855	0.865758	-1.15506	0.114039	0.638133	-1.56707	1.43997	3.39971	0.961191	1
cg15389519	PCDHGB4;PCDHGA4;PCDHGA2;PCDHG A1;PCDHGA5;PCDHGB1;PCDHGA3;PCD HGA2;PCDHGA7;PCDHGB2;PCDHGB4	0.060689	0.0119321	3.23681	3.23681	0.0166283	3.09833	3.09833	0.341467	1.46088	1.46088	0.46896	1.32964	1.32964	0.559403	1.25641	1.25641	0.157554	1.79392	1.79392	0.0602104	2.26969	2.26969	0.0148769	3.18461	3.18461	0.0550326	2.31927	2.31927	1.14397	7.44566	2.1051	1
cg11607332	PPY	0.0606915	0.0684258	0.368122	-2.71649	0.0208284	0.255977	-3.90659	0.0369388	0.305132	-3.27722	0.205751	0.52002	-1.923	0.0152533	0.23234	-4.30403	0.204329	0.518835	-1.92739	0.138002	0.457318	-2.18666	0.0154309	0.233184	-4.28846	0.147307	0.466858	-2.14198	1.44392	11.9486	3.37825	1
cg05465755	CKS2;CKS2	0.0606919	0.0184909	0.264451	-3.78161	0.206274	0.125405	-7.97303	0.0205018	0.272729	-3.66875	0.0778	0.316691	-3.15691	0.0095205	0.1161	-8.61291	0.107029	0.187123	-5.34546	0.0118801	0.222227	-4.50006	0.0195206	0.10473	-9.54706	0.0048371	0.049306	1.11917	1.11917	1.14392	0.166244	0.3722	1
cg21147147	ME3A;FAME3A	0.0606919	0.0393326	0.458956	-2.17886	0.165723	0.616994	-1.62076	0.341916	0.726233	-1.37697	0.310722	1.40864	1.40864	0.00372653	0.278125	3.59551	0.433837	0.770375	-1.29807	0.0492304	0.48034	-2.08186	0.490268	0.795395	-1.25724	0.276342	0.690815	-1.44756	1.43991	3.53133	1.50225	1
cg26869646	MIR886	0.0606923	0.178661	2.17249	2.17249	0.0901217	2.7573	2.7573	0.77824	1.16511	1.16511	0.27206	1.86044	1.86044	0.108134	2.64445	2.64445	0.0596318	3.17163	3.17163	0.00262442	9.60068	9.60068	0.0552357	3.25465	3.25465	0.152386	2.29891	2.29891	1.43491	14.6819	4.15107	1
cg26646993	CTSA;NEURL2;CTSA;CTSA	0.0606944	0.0051443	0.685187	-1.45413	0.0102261	1.3499	1.3499	0.0705142	0.637112	-1.56957	0.3754417	0.858552	-1.16475	0.0917424	0.732526	-1.36514	0.934546	0.986324	-1.01387	0.8187193	0.788286	-1.26858	0.890377	1.02339	1.02339	0.0790428	1.38668	1.38668	1.43486	1.34995	0.395667	1
cg17433998	CPA1	0.0606957	0.694981	1.05654	1.05654	0.721121	0.935828	-1.06857	0.902619	0.9836	-1.01723	0.40354	1.12672	1.12672	0.178509	0.8189551	-1.22107	0.00971214	1.57837	1.5787	0.0189353	1.48688	1.48688	0.1423311	0.802391	1.24627	0.435287	1.11751	1.11751	1.14384	0.9700858	0.274274	1
cg03194311	TMEM70;TMEM70	0.0606965	0.151353	1.34428	1.34428	0.0557325	1.51761	1.51761	0.22347	0.781811	-1.27907	0.0341335	0.62141	-1.60924	0.299291	0.813008	-1.23	0.146458	0.740862	-1.34978	0.0463708	1.55133	1.55133	0.764377	0.943794	-1.05955	0.633631	1.09681	1.09681	1.14382	1.84387	0.52134	1
cg21001412	LRP5	0.0606967	0.0309474	0.3224	-3.10139	0.0167724	0.360607	-2.77226	0.0650633	0.411488	-2.42987	0.0298264	0.61955	-1.61402	0.0159442	0.302954	-3.30105	0.0248055	0.2326	-4.29982	0.0095504	0.2639	-3.78905	0.0102818	0.247149	-4.04614	0.2731773	0.63297	-1.57984	1.43497	0.60731	0.240042	1
cg14894368	NAPSA	0.0606989	0.0195084	0.0610057	-16.3919	0.127664	0.195578	-5.11305	0.0442775	0.101367	-9.86513	0.352298	0.387419	-2.58118	0.0250982	0.0713903	-14.0075	0.154909	0.549232	-1.82073	0.0119619	0.0447556	-22.3436	0.0388764	0.0935673	-10.6875	0.250526	0.304367	-3.28551	1.43477	48.8668	13.8169	1
cg05378324	WIPF1	0.0606991	0.442457	1.1338	1.1338	0.0873861	0.738896	-1.35337	0.0417976	0.684615	-1.45677	0.886673	1.0401	1.0401	0.250954	1.21256	1.21256	0.172669	0.792383	-1.26202	0.0119347	0.642707	0.76157	-1.31307	0.943027	-1.06041	0.243148	0.821432	-1.21632	1.43476	1.28012	0.361195	1
cg07762458	MCPH1	0.0607019	0.303519	0.779542	-1.28281	0.6841884	0.567368	-1.76253	0.615885	0.878035	-1.13891	0.6611126	0.61068	-1.63752	0.460185	0.885852	-1.12911	0.094162	0.650447	-1.5374	0.1313783	0.210575	0.0575	0.595575	1.13336	1.13336	0.683123	0.908543	-1.10064	1.43471	2.73913	0.768836	1
cg20021655	GAK	0.0607032	0.0971715	2.54005	2.54005	0.276421	1.78552	1.78552	0.0167295	0.46172	0.46172	0.0266213	0.83991	0.83991	0.433426	1.5058	1.5058	0.704195	0.822569	-1.2157	0.195893	2.01447	2.01447	0.0843835	2.65803	2.65803	0.00917564	1.44208	5.44208	1.43469	13.0552	3.69141	1
cg18469624	PRKG1;PRKG1;CSTF2T	0.0607041	0.972997	0.993706	1.00633	0.0200036	1.6879	1.6879	0.0269563	1.63006	1.63006	0.83057	1.02844	1.02844	0.0573838	1.49325	1.49325	0.166164	0.759247	-1.31709	0.610524	1.10056	1.10056	0.0673893	1.46564	1.46564	0.0602005	1.48498	1.48498	1.43467	1.73238	0.489839	1
cg00929655	SLC03A1;SLC03A1	0.0607046	0.338832	0.820829	-1.21828	0.0131016	0.539984	-1.85191	0.0276755	0.593735	-1.68425	0.0651255	0.660533	-1.51393	0.589818	0.896736	-1.11516	0.277383	1.25386	1.25386	0.128298	1.38989	1.38989	0.275904	0.790935	-1.25481	0.330413	0.817808	-1.22278	1.43466	1.19677	0.5646	1
cg02301039	TXNDC9	0.0607052	0.0956538	0.644168	-2.30326	0.0212713	0.283132	-3.53192	0.0266504	0.300854	-3.31111	0.433288	0.694015	-1.43973	0.0321369	0.539035	-1.85502	0.199031	0.536085	-1.86528	0.0131892	0.250243	-3.99614	0.0457174	0.352025	-2.84075	0.168913	0.532689	-1.87505	1.43463	3.01669	2.92467	1
cg16981553	VSIG10;VSIG10	0.0607052	0.3186832	-1.584606	-1.584606	0.1723	0.644042	1.09017	1.09017	0.279387	0.8316651	-1.23204	0.0984264	0.7016515	-1.42538	0.0605494	0.675257	-1.48092	0.030107	0.54109	-1.84853	0.0167205	0.0504	0.5144	-1.94409	0.2218809	0.0755413	0.553484	-1.81001	0.150607	0.754596	-1.32521	0.581792	0.90193	-1.10873	1.43455	1.7142	0.444717	1
cg18568663	KIAA0664	0.0607062	0.0827174	0.648911	-1.54104	0.257149	0.766322	-1.30493	0.236244	1.32223	1.32223	0.785934	0.940572	-1.06318	0.744033	0.928916	-1.07652	0.799472	1.05896	1.05896	0.00288337	2.515506	2.51506	0.65445	1.10671	1.10671	0.454723	1.18693	1.18693	1.43462	2.5217	0.713035	1
cg02279519	LOC440925	0.0607084	0.398213	2.64195	2.64195	0.163873	1.04795	1.04795	0.927284	1.02787	1.02787	0.83151	1.28477	1.28477	0.0384021	0.8189353	-1.22104	0.0195948	0.423151	2.36476	0.0367289	0.2886651	-3.46511	-1.11784	0.482285	1.55354	1.55354	0.642127	0.630321	-1.58649	1.43458	18.347	5.35751	1
cg03650674	GRHL2	0.0607086	0.0443118	22.1698	22.1698	0.120554	9.56997	9.56997	0.26589	4.73577	4.73577	0.0852931	12.8311	12.8311	0.0304952	30.2843	30.2843	0.0743871	14.3918	14.3918	0.0186687	45.8	45.8	0.0195814	43.9809	43.9809	0.0385048	24.9232	24.9232	1.43458	89.5862	25.3317	1
cg10948804	TUBB	0.0607097	0.0166491	0.132393	-7.5203	0.6440424	1.09017	1.09017	0.279387	0.8316651	-1.23204	0.0842914	0.7016515	-1.42538	0.0605494	0.675257	-1.48092	0.36569	1.18822	1.18822	0.0108737	0.552484	-1.81001	0.150607	0.754596	-1.32521	0.581792	0.90193	-1.10873	1.43455	1.7142	0.444717	1
cg26530758	ANK1;ANK1	0.0607097	0.372048	0.51058	1.51058	0.325091	1.57988	1.57988	0.103006	2.23174	2.23174	0.0605375	0.02216	-9.49658	0.528268	1.33319	1.33319	0.576891	1.77593	1.77593	0.0227533	0.6617707	-1.63477	0.6063004	0.791381	-1.26361	0.143555	0.108855	2.85184	1
cg20690798	AKD1;AKD1;FIG4;FIG4	0.0607118	0.937536	0.990415	-1.00968	0.2214518	0.853902	-1.17109	0.00930135	1.49998	1.49998	0.337722	0.88564	-1.12913	0.0242525	1.39104	1.39104	0.0734814	1.2779	1.2779	0.676621	1.05289	1.05289	0.966183	1.00522	1.00522	0.448908	0.909532	-1.09947	1.44551	0.751755	0.212573	1
cg16848221	PCDHGA4;PCDHGA5;PCDHGA1;PCDHG B1;PCDHGB6;PCDHGB5;PCDHGB3;PCD PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPL	0.0607201	A6 0.829957	1.12515	1.12515	0.63846	0.771459	-1.29625	0.176549	0.45489	-2.19834	0.942954	1.04002	1.04002	0.122458	0.399441	-2.5035	0.939224	1.04269	1.04269	0.00158765	0.883283	-12.0073	0.491623	1.46665	1.46665	0.232536	0.50338	-1.98657	1.44334	14.9654	4.23198	1
cg12580943	SKI	0.0607226	0.679081	1.24274	1.24274	0.137454	0.52993	1.52993	0.0898567	2.65558	2.65558	0.283133	1.79058	1.79058	0.0105202	0.234297	-4.2681	0.358716	1.63721	1.63721	0.363676	0.614202	-1.62813	0.0405043	0.33144	3.13141	0.503831	1.41982	1.41982	1.43429	13.5842	3.84147	1
cg21408204	GJA4	0.0607254	0.311852	1.27914	1.27914	0.0930691	2.14749	2.14749	0.0822622	1.21489	1.21489	0.389633	1.23068	1.23068	0.483225	0.8054542	-1.18267	0.088692	1.55533	1.55533	0.13823	1.56151	1.56151	0.0977357	1.84835	1.84835	0.0178571	0.214476	0.680485	-1.46954	1.44326	1.61645	1.1641	0.2594	0.780452	1
cg18462521	SERTAD2	0.0607261	0.041918	0.184943	-5.40707	0.57903	0.668033	-1.49693	0.282596	0.447658	-2.23385	0.423906	0.555489	-1.80022	0.0172003	0.123729	-8.08219	0.513914	0.620948	-1.61044	0.00745117	0.0836965	-11.9479	0.0258755	0.148942	-6.71404	0.103474	0.277516	-3.6034	1.43322	25.7956	7.29488	1
cg10315533	LMA1A	0.0607284	0.11606	2.56818	2.56818	0.0616398	3.9784	3.9784	0.64746	1.24196	1.29124	0.510202	0.691509	-1.44611	0.522213	0.698947	-1.43072	0.458864	0.658076	-1.51958	0.00651845	0.184784	7.19627	0.739017	0.379017	3.79917	0.37997	0.335151	1.7313	1.7313	1.43417	15.1812	4.29325	1
cg12437380	1B;CDK11A;CDK11B;CDK11B	0.060729	0.0173411	0.355389	-2.81382	0.251906	1.53313	1.53313	0.0827379	1.98572	1.98572	0.21223	0.625561	-1.59857	0.0132547	0.334246	-2.99181	0.458215	0.763628	-1.30954	0.98517	0.993386	-1.00666	0.925075	1.03415	1.03415	0.614608	0.834222	-1.19872	1.43416	6.34503	1.79438	1
cg06529380	CHN1	0.0607293	0.1373237	0.5015	-1.99402	0.1158198	0.585486	-1.7074	0.114093	0.458582	-2.18002	0.284124	1.00691	1.00691	0.0162293	0.5237492	-1.90924	0.734701	0.866541	-1.15431	0.0483384	1.30994	1.30994	0.154409	1.22228	1.22228	0.0100446	0.495348	-2.01878	1.43429	12.7787	3.43637	1
cg22748539	TPCN2	0.0607437	0.0710465	0.756485	-1.32127	0.473527	1.10595	1.10595	0.781155	1.03922	1.03922	0.440138	1.1149	1.1149	0.0918326	0.706397	-1.41563	0.004683	0.594906	-1.68094	0.856201	0.975252	-1.02538	0.625422	1.07033	1.07033	0.990339	1.00167	1.00167	1.43286	0.950003	0.268687	1
cg06159591	C17orf70;C17orf70	0.0607441	0.9809919	1.00416	1.00416	0.0204134	0.470126	2.12664	0.0547895	1.11596	1.11596	0.717477	1.06511	1.06511	0.0613408	0.849725	-1.17685	0.770983	1.05195	1.05195	0.391408	0.849725	-1.17685	0.984528	0.970958	0.970958	0.829219	-1.20595	1.43284	0.9359	0.242175	0.823809	1
cg13318071	MESP2	0.0607459	0.596438	1.23958	1.23958	0.0939521	2.21945	2.21945	0.0535785	1.66942	1.66942	0.553229	0.86494	-1.15615	0.366634	1.2517	1.2517	0.263669	3.3256	3.3256	0.0175078	2.01276	2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(1057 N)	Fold-Change(1 057 vs. N) vs. N)	p-value(1119 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N) vs. N)	p-value(1217 N)	Fold-Change(1 217 vs. N) vs. N)	p-value(1247 vs. N)	Ratio(1477 vs. N)	p-value(1477 vs. N)	Fold-Change(1 477 vs. N) vs. N)	p-value(1537 N)	Fold-Change(1 537 vs. N) vs. N)	p-value(5377 vs. N)	Fold-Change(1 5377 vs. N) vs. N)	p-value(5637 vs. N)	Fold-Change(1 5637 vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04602924	DUSP12	0.6607943	1.1	0.8378371	0.965355	-1.05385	0.247005	0.811952	-1.2316	0.127976	0.755376	-1.32736	0.272911	1.21752	1.21752	0.120135	1.13662	1.13662	1.1	0.978067	0.99528	-1.00474	0.250778	0.632161	-1.58188	0.0220546	1.60401	1.60401	0.347726	1.18103	1.14184	1.47366	0.416028	1
cg04136590	TRIM36	0.6607957	1.1	0.877749	1.04888	1.04888	0.285243	0.70884	-1.41076	0.0029735	0.282575	-3.53888	0.449955	1.23968	1.23968	0.57398	1.19011	1.19011	1.1	0.201499	1.51922	1.51922	0.88857	0.957465	-1.04442	0.341908	0.738161	-1.35472	0.131731	1.65607	1.65607	0.14181	4.78314	1.35326	1
cg25227148	ZNF271;ZNF397OS;ZNF397OS;ZNF271	0.6607964	1.1	0.745751	0.894859	-1.11749	0.0247714	0.401492	-2.49071	0.00850075	0.317641	-3.14821	0.451199	0.769426	-1.29967	0.828835	0.928739	-1.07673	1.1	0.0577976	0.480742	-2.08012	0.148878	1.69655	1.69655	0.447315	1.30272	1.30272	0.41415	0.751987	-1.32981	0.141179	5.80123	1.64131	1
cg01533387	IFI30	0.6607981	1.1	0.503876	1.1081	1.10818	0.0130036	1.59471	1.59471	0.376478	1.14733	1.14733	0.160994	0.79714	-1.25448	0.560859	1.09314	1.09314	1.1	0.162011	0.797637	-1.2537	0.21725	0.821531	-1.21724	0.777892	0.958081	-1.04375	0.0245651	1.50008	1.50008	0.14176	1.14105	0.322834	1
cg15648729	DOHH;DOHH CLEC7A;CLEC7A;CLEC7A;CLEC7A;CLEC7	0.6607987	1.1	0.983788	0.990147	-1.01095	0.2268264	0.278866	-3.58358	0.867014	0.88511	-1.08511	0.837845	1.1050	1.1050	0.0072353	0.893855	1.1	0.0312652	0.201845	-3.42447	0.0472868	0.330836	-3.02265	0.986373	0.9917711	-1.00836	0.659536	1.6090457	-1.44882	1.14275	11.8179	3.34363	1
cg01522467	A	0.6608014	1.1	0.159013	0.413829	-2.42321	0.0897405	0.333081	-3.00238	0.116993	0.367564	-2.72061	0.158297	0.412116	-2.4265	0.0307611	0.225103	-4.44242	1.1	0.0161675	0.177399	-5.63702	0.0179161	0.184342	-5.42471	0.127653	0.379791	-2.63302	0.0208956	0.195196	-5.12306	0.141169	17.1884	4.86317	1
cg20821466	RNF216;RNF216	0.6608024	1.1	0.350859	1.35307	1.35307	0.702105	0.88641	-1.12815	0.600513	0.84714	-1.18044	0.136359	1.66364	1.66364	0.0004264	0.405855	-2.46393	1.1	0.0132256	2.70913	2.70913	0.101652	1.73729	1.73729	0.345317	1.35814	1.35814	0.853957	0.943857	-1.05948	3.902	5.16686	1.18538	1
cg12846583	MIR1324	0.6608025	1.1	0.0153327	0.265009	-3.77346	0.0369508	0.339212	-2.94801	0.0466112	0.357403	-2.79796	0.118934	0.469937	-2.12794	0.00733846	0.213925	-4.67454	1.1	0.144031	0.496419	-2.01443	0.228304	0.568807	-1.75807	0.547071	0.761931	-1.31246	0.169467	0.520444	-1.92144	0.14167	9.90658	2.80292	1
cg10228950	LOC388692	0.6608028	1.1	0.0337752	0.71269	-1.40333	0.0779037	0.329291	-3.03993	0.0198155	0.740049	-1.35126	0.156708	0.7448	-1.34248	0.206201	1.33948	1.33948	1.1	0.2441534	1.3047	1.3047	0.102861	1.49956	1.49956	0.195961	1.38025	1.38025	0.115342	1.39326	1.41667	0.98319	0.0	2.34119	0.662691	1
cg27007008	BAT4;BAT4;CSNK2B	0.6608035	1.1	0.31783	1.73044	1.73044	0.0523032	0.37083	3.17083	0.0166419	0.190981	-5.23652	0.557558	0.836831	-1.19498	0.929509	1.04753	1.04753	1.1	0.111687	0.391357	-2.55514	?	?	?	0.0818247	0.28629	2.86829	0.403661	1.57208	1.57208	0.379215	14.0023	2.76933	1
cg19628908	NFIL3	0.6608083	1.1	0.0209701	0.702301	-1.42267	0.118057	0.628755	-1.59105	0.0466162	0.167	0.33476	-2.98838	0.487613	0.824642	-1.21265	0.15077	0.6563631	-1.52355	0.779676	0.92519	-1.08088	0.0506942	1.18316	1.18316	0.165266	0.667291	-1.49882	0.246519	0.717661	-1.39283	0.14155	3.77956	1.05243	1
cg13857569	SNORD15B;RPS3	0.6608105	1.1	0.689717	1.09449	1.09449	0.0662754	0.629115	-1.58953	0.0652078	0.627686	-1.59315	0.440554	0.837818	-1.19358	0.00946407	0.477221	-2.09547	1.1	0.0822512	0.648486	-1.54205	0.050544	0.605723	-1.65092	0.8513	0.958659	-1.04312	0.0234318	0.54377	-1.83901	0.14151	2.51836	0.71257	1
cg13348246	MYO1BB	0.6608109	1.1	0.0137937	0.537027	-1.8621	0.597111	1.11483	0.561963	0.0663166	0.512618	-1.52409	0.0197048	0.562532	-1.77768	0.464251	1.16432	1.16432	1.1	0.1161	0.705534	-1.41737	0.83118	0.957331	-1.04457	0.663356	1.09358	1.09358	0.290396	1.2512	1.2512	1.3415	0.207554	0.587275	1
cg04584103	ASB2	0.6608116	1.1	0.5721651	1.13323	1.13323	0.3104247	1.18431	1.18431	0.0957442	0.529554	-1.88824	0.556666	0.8123319	-1.23104	0.907139	1.04164	1.04164	1.1	0.4488305	1.2591	1.2591	0.00309179	1.36885	1.36885	0.0816236	1.96359	1.96359	0.071105	1.02175	1.02175	1.0149	0.082225	1.72008	1
cg25165932	SELPLG	0.6608117	1.1	0.0096427	0.248019	-4.03195	0.0866699	0.446917	-2.23755	0.0358057	0.353616	-2.82793	0.126874	0.495237	-2.01924	0.0126891	0.345183	-2.89702	1.1	0.778789	0.887051	-1.12733	0.750151	1.14565	1.14565	0.257527	0.604779	-1.6535	0.0324943	0.344636	-2.90161	0.14148	9.0123	2.55005	1
cg25136124	GIC2	0.6608134	1.1	0.412209	0.781515	-1.28009	0.288283	1.19297	1.19297	0.176772	1.52696	1.52696	0.56451	1.18744	1.18744	0.0883277	0.574447	-1.7408	1.1	0.0696989	0.354596	-2.8201	0.0020249	0.856498	-1.16767	0.613331	1.56258	1.56258	0.129448	0.693712	-1.44152	0.143178	4.32378	1.22344	1
cg04048411	PLXNC1	0.6608141	1.1	0.593951	0.980223	-1.02019	0.0381377	0.779015	1.77905	0.435388	2.1214	2.1214	0.450046	0.830702	-1.2038	0.841181	1.04954	1.04954	1.1	0.263264	1.32453	1.32453	0.00370662	0.588693	-1.72572	0.982071	0.994599	-1.00543	0.67102	1.10845	1.10845	1.14144	2.88949	0.817599	1
cg14656687	PDZD8	0.6608153	1.1	0.106796	0.564404	-1.77178	0.655848	1.15686	1.15686	0.504433	1.24613	1.24613	0.954318	0.981563	-1.01878	0.00323447	0.271218	-3.68707	1.1	0.371508	0.742249	-1.34726	0.0845703	1.8584	1.8584	0.962737	0.984938	-1.01529	0.695803	1.13615	1.13615	0.141411	5.25023	1.4856	1
cg01297020	DAOA;DAOA;DAOA	0.6608153	1.1	0.0700383	0.262101	-3.81533	0.150682	0.565375	-1.76971	0.0185357	0.33401	-2.99392	0.479565	0.754877	-1.32462	0.0285441	0.370772	-2.69708	1.1	0.114526	0.517325	-1.93302	0.133294	0.536952	-1.86236	0.934949	0.96886	-1.03214	0.084251	0.480254	-2.08223	0.14141	7.33571	2.0757	1
cg06079742	GUCY2D	0.6608167	1.1	0.420428	0.79601	-1.25627	0.0212367	0.71461	2.15461	0.0380375	0.513468	-1.94754	0.685493	0.893287	-1.11496	0.90856	1.03805	1.03805	1.1	0.535439	0.840341	-1.18999	0.889729	1.1032	1.1032	0.0136172	0.429138	-2.33025	0.675129	1.12393	1.12393	0.14138	3.8221	1.08151	1
cg20094503	KHDRBS2	0.6608175	1.1	0.0080345	0.263019	-3.80319	-1.16102	0.0239262	0.105296	-9.50006	-1.0401	-1.0401	0.16454	0.557204	2.7448	0.0026	1.12476	1.12476	1.1	0.0975042	0.818237	0.962647	0.0923183	0.890155	1.1234	0.0615372	0.96312	1.0402	0.0402863	0.206039	-4.85234	0.0137	0.303	0.943688	1
cg05491383	DPP6;DPP6;DPP6	0.6608177	1.1	0.291995	0.859158	-1.16393	0.440477	0.89653	-1.11541	0.463704	1.10911	1.10911	0.834556	0.971379	-1.02946	0.434897	0.895282	1.11697	1.1	0.0887148	1.29785	1.29785	0.00227079	1.80909	1.80909	0.720238	1.0512	1.0512	0.957643	0.992653	1.0074	0.14136	0.9590092	0.273187	1
cg27368511	CSorf54;CSorf54	0.6608185	1.1	0.132525	1.38014	1.38014	0.197788	1.31023	1.31023	0.577782	0.89439	-1.11808	0.357899	1.20643	1.20643	0.284142	1.24714	1.24714	1.1	0.662367	0.916484	-1.09113	0.0031431	0.448742	-2.22845	0.929727	0.958043	-1.04379	0.512113	1.14108	1.14108	1.14135	1.96017	0.554658	1
cg07032258	ARNTL;ARNTL;ARNTL	0.6608198	1.1	0.7799078	0.870457	-1.15005	0.2283737	0.59514	1.19514	0.0806247	0.619	1.2619	0.239974	1.20804	1.20804	0.0977542	1.229594	1.229594	1.1	0.2585645	2.1539	2.1539	0.0356128	0.80738	0.80738	0.00541592	0.83424	0.83424	0.0015769	1.08411	1.08411	1.14132	20.5029	5.80163	1
cg10245865	SNORA76	0.6608201	1.1	0.244467	2.27515	2.27515	0.92855	1.06242	1.06242	0.769342	0.819944	-1.2196	0.385337	1.8237	1.8237	0.00142193	0.0443113	-22.5676	1.1	0.73496	0.795008	-1.25785	0.7859865	0.8350002	-1.1976	0.945864	0.519228	-1.92594	0.855127	1.13133	1.13133	1.14131	22.6769	6.41683	1
cg12509076	EPHD1;EPHD1	0.6608211	1.1	0.0238648	0.78815	-1.26879	0.4144062	0.56312	-1.80495	0.0279814	0.931289	-1.07378	0.807291	1.01487	1.01487	0.0201902	0.838055	-1.19301	1.1	0.624442	1.04453	1.04453	0.2039294	1.12568	1.12568	0.0433766	1.08476	1.08476	0.105676	0.0987424	1.17331	1.17331	1.14129	0.387798	0.100735	1
cg10607747	ATP5H;ATP5H;KCTD2	0.6608213	1.1	0.0087564	0.471052	-2.12291	0.986806	1.03373	1.03373	0.110751	0.675871	-1.47957	0.122226	0.685502	-1.45879	0.0178315	0.523675	1.90958	1.1	0.941963	1.01655	1.01655	0.0479116	0.600592	-1.66502	0.461538	0.81841	-1.22241	0.183742	0.735442	0.954715	-1.04743	1.14129	2.52846	0.715477	1
cg21731291	MYL12B;MYL12B;MYL12B;MYL12B	0.6608214	1.1	0.282188	1.23895	1.23895	0.237713	1.26762	1.26762	0.399387	1.17987	1.17987	0.605211	1.10515	1.10515	0.156739	1.33696	1.33696	1.1	0.975318	1.00595	1.00595	0.00262013	0.449857	-2.22293	0.820101	1.04464	1.04464	0.42634	1.16851	1.16851	1.14129	1.82877	0.517487	1
cg03093407	CHRNB4	0.6608253	1.1	0.0143378	0.775251	-1.29007	0.2744	0.28497	-3.50787	0.0135783	0.34401	-2.90332	0.475565	0.7544977	-1.32542	0.0285441	0.370772	-2.69708	1.1	0.11452	0.517325	-1.93302	0.133294	0.536952	-1.86236	0.934949	0.96886	-1.03214	0.084251	0.480254	-2.08223	0.14141	7.33571	2.0757	1
cg23974249	DYNLL1;DYNLL1;DYNLL1	0.6608222	1.1	0.176732	0.554779	-1.80252	0.0543823	0.222988	-4.48454	0.149759	0.529554	-1.88838	0.417694	1.40467	1.40467	0.697579	0.851956	-1.17377	1.1	0.759942	0.881839	-1.13399	0.0392537	0.375798	-2.661	0.231396	1.67371	1.67371	0.476525	1.34582	1.34582	1.14127	8.37524	2.36995	1
cg22052586	DDX53	0.6608232	1.1	0.0174938	0.21967	-4.55209	0.0144501	0.164921	-6.06452	0.0139483	0.23464	-4.26861	0.0880851	0.17532	-5.70301	0.165326	0.851035	-1.17493	1.1	0.0378683	0.14453	-6.91867	0.0156004	0.145967	0.150504	0.0134423	0.17717	0.17717	0.0180167	0.0170837	0.0170837	0.0170837	0.0170837	0.0170837	0.0170837	1
cg23778358	TRIM15	0.6608236	1.1	0.0526546	0.678041	-1.47484	0.0835129	0.140195	0.140195	0.910292	0.980317	-1.02008	0.194121	1.27418	1.27418	0.0245629	1.60372	1.60372	1.1	0.364558	1.17861	1.17861	0.0448615	1.50094	1.50094	0.175848	1.28899	1.28899	0.073344	1.42217	1.42217	1.14124	1.54767	0.43795	1
cg07288445	TSC22D1;TSC22D1	0.6608252	1.1	0.0702533	0.59922	-1.66894	0.463495	0.827916	-1.20785	0.341532	1.2815	1.2815	0.187712	1.42379	1.42379	0.0116428	0.450224	-2.22112	1.1	0.0597711	0.584161	-1.71186	0.119256	0.6685	-1.49589	0.325849	0.657592	-1.5207	0.525288	1.17692	1.17692	1.14121	3.18632	0.901653	1
cg10917910	FGD6	0.6608257	1.1	0.132886	1.32756	1.32756	0.1866	0.928936	-1.0401	0.16454	0.557204	1.7448	1.7448	1.12476	1.12476	0.0109554	0.729904	1.37044	1.1	0.2425435	1.32756	1.32756	0.190603	0.488675	-2.04796	0.0706903	0.958675	1.1212	0.0154328	0.507634	-1.96992	1.1412	0.73727	2.18946	1
cg20948024	COL8A1;MIR5486;COL8A1	0.6608295	1.1	0.0055127	0.519981	-1.92315	0.882789	0.973901	-1.0268	0.542335	1.1169	1.1169	0.815593	0.958987	-1.04277	0.0632568	0.687664	-1.4542	1.1	0.508927	1.12762	1.12762	0.207998	0.788227	-1.26867	0.063441	1.45373	1.45373	0.844087	1.03593	1.03593	1.14112	1.59855	0.452366	1
cg14161730	SYNJ1;TMP1;SYNJ1	0.6608309	1.1	0.165437	2.15422	2.15422	0.0976502	1.1018	1.1018	0.0132389	1.321398	1.321398	0.0188206	1.5472	1.5472	0.0089733	0.728256	-1.37258	1.1	0.0239119	2.75759	2.75759	0.0018624	1.32019	1.32019	0.0118262	1.35403	1.35403	0.0048741	1.04111	1.04111	1.14111	2.64644	0.61307	1
cg15502607	PRKC2	0.6608312	1.1	0.429212	0.714836	-1.39892	0.6723388	1.19355	1.19355	0.889567	0.943846	-1.05949	0.93738	1.03323	1.03323	0.00295759	1.22994	1.22994	1.1	0.799812	1.11149	1.11149	0.75349	0.877171	-1.14003	0.293303	0.634048	-1.57379	0.47657	0.740012	1.35133	1.14109	2.60846	2.43609	1
cg19242268	TCEA2;TCEA2	0.6608337	1.1	0.0761055	1.78315	1.78315	0.0108878	2.55179	2.55179	0.042135	1.986	1.986	1.986	1.113595	1.65618	1.65618	0.267692	1.40264	1.40264	0.0604278	1.85985	1.85985	0.154982	1.56208	1.56208	0.0126995	2.47836	2.47836	0.0772228	1.7784	1.7784	1.14104	4.27208	1.20897	1
cg06345411	JAM3	0.6608341	1.1	0.29668	1.73113	1.73113	0.1883	0.857605	-1.16625	0.0787969	-1.2509	-1.2509	0.336154	1.188896	-1.38723	0.0621591	0.698359	-1.43162	1.1	0.0900861	1.58236	1.58236	0.0066	1.71713	1.71713	0.0622512	1.54473	1.54473	0.0622512	1.54473	1.54473	1.14111	0.35464	0.11307	1
cg03771183	ITT140	0.6608348	1.1	0.125052	0.777789	-1.2857	0.0886106	0.752536	-1.32884	0.157052	0.795288	-1.25741	0.81519	1.03607	1.03607	0.0822109	1.06420	1.06420	1.1	0.0379982	1.4392	1.4392	0.0163759	1.55908	1.55908	0.51227	1.10582	1.10582	0.458153	1.12113	1.12113	1.14102	1.13956	0.32249	1
cg24289553	PARAP1	0.6608371	1.1	0.6747314	0.860547	-1.16227	0.4	0.8806249	-1.16227	0.564467	1.14732	1.14732	0.6021807	0.8403401	-1.19004	0.5539	1.24713	1.24713	1.1	0.3114408	1.4297	1.4297	0.0255156	0.764098	-1.30872	0.499112	0.640719	-1.56097	0.4955566	0.764098	-1.30872	0.499112	1.14093	1.14093	1.14102	20.5029	5.80163	1
cg17536287	LCA5;LCA5	0.6608376	1.1	0.839465	1.04426	1.04426	0.0058503	0.462866	-2.16045	0.044726	0.611417	-1.63554	0.642823	1.10485	1.10485	0.280988	1.27029	1.27029	1.1	0.990206	0.997383	-1.00262	0.114048	1.44345	1.44345	0.188145	0.742486	-1.34683	0.911334	0.976498	-1.02407	0.149696	2.26765	0.641742	1
cg05718036	BNIP3	0.6608378	1.1	0.638541	0.752219	-1.3294	0.0879174	0.7478	0.7478	0.47235	1.55255	1.55255	0.687544	0.784029	-1.27546	0.465438	0.639521	-1.56367	1.1	0.418244	0.621375	-1.60933	0.613696	0.736145	-1.35843	0.00818565	1.6619	1.6619	0.497325	1.51388	1.51388	1.14096	18.0155	5.09839	1
cg13113011	A6	0.6608389	1.1	0.0236912	0.194879	-5.13139	0.198111	0.438819	-2.27884	0.45311	0.629501	-1.58856	0.0082284	0.74388	0.74388	0.530688	0.680732	-1.46901	1.1	0.143351	0.385857	-2.59163	0.651598	0.759178	-1.31687	0.57515	1.40905	1.40905	0.619755	0.738673	-1.35378	0.14093	18.2413	5.16231	1
cg00111613	PLXNA1	0.6608402	1.1	0.0084254	0.597357	-1.67401	0.0616548	1.6154	1.6154	0.744801	0.828208	-1.07734	0.0169295	0.515003	-1.94175	0.0027422	0.432059	-2.31481	1.1	0.228264	1.47597	1.47597	0.0201	0.525657	-1.90273	0.133386	0.762605	-1.31162	0.28732	0.777501	-1.28617	0.141291	5.38136	0.790535	1
cg01668907	RAB40AL	0.6608441	1.1	0.864721	1.03436	1.03436	0.835598	1.04203	1.04203	0.020652	0.57568	-1.73708	0.370731	1.19974	1.19974	0.0114401	0.53419	-1.87199	1.1	0.165769	1.34024	1.34024	0.343455	1.21332	1.21332	0.224484	1.28763	1.28763	0.449268	0.85833	-1.16505	0.14089	9.15273	0.552632	1
cg21930140	MX1;MX1	0.6608425	1.1	0.293636	0.817504	-1.22309	0.1104001	1.14015	1.14015	0.254924	1.2451	1.2451	0.200164	0.779904	-1.28385	0.405324	1.17023	1.17023	1.1	0.0985032	0.715672	1.39729	0.00419613	0.202162	0.02162	0.777994	1.05373	1.05373	0.630204	1.12614	1.12614	1.14089	0.695821	0.479925	1
cg00861899	BMX	0.6608438	1.1	0.94398	1.39983	1.39983	0.0754286	0.421628	-2.37176	0.1712	0.529581	-1.88828	0.0239228	0.308505	-3.24049	0.00952201	0.238587	-4.19134	1.1	0.328356	0.96152	-1.04002	0.377568	1.48447	1.48447	0.376259	1.68317	1.68317	0.112427	1.633853	1.57365	0.14086	9.47085	2.68033	1
cg05824387	CDH4	0.6608428	1.1	0.43139	0.876951	-1.14031	0.2274439	0.652056	-1.51361	0.199386	1.2482	1.2482	0.0559622	0.701868	-1.42477	0.103142	0.896567	-1.11537	1.1	0.439743	1.13751	1.13751	0.0318445	1.49946	1.49946	0.46588	0.885736	-1.129	0.107838	0.750591	-1.33228	0.14085	3.12908	0.376371	1
cg13709076	MIR4771;C12orf61	0.6608437	1.1	0.077929	0.8	-1.25	0.56313	0.713316	1.4274	0.282631	1.2677	1.2677	0.2522333	0.810947	-1.23357	0.0393	1.23393	1.23393	1.1	0.0387174	0.57582	-1.73605	0.0282972	0.512124	-1.95312	0.0218274	0.906276	0.620674	-1.61115	0.138439	1.43832	1.43832	1.14092	2.69262	0.612019	1
cg03626668	PC;PC;PC	0.6608441	1.1	0.191954	0.524898	-1.90513	0.358636	0.64373	-1.55345	0.0215132	0.27567	-3.62753	0.0283908	0.299	-3.34449	0.00552396	0.182362	-5.48361	1.1	0.40401	0.671351	-1.48953	0.210419	0.540182	-1.85123	0.678842	1.21445	1.21445	0.1095	0.442967	-2.2575	1.04083	10.832	3.06556	1
cg26193418	BMP6;R NF185;RNF185;RNF185;RNF185;RNF1 85;RNF185;RNF185;RNF185;RNF185;RN F185	0.6608441	1.1	0.0200839	0.128388	-3.04518	0.830996	0.918644	-1.08856	0.126235	0.518492	-1.92867	0.0917894	0.478542	-2.08668	0.165831	0.556132	-1.79813	1.1	0.871718	1.06626	1.06626	0.00874707	0.265523	-3.76616	0.0995587	0.488854	-2.0456	0.0287475	0.359114	-2.78463	1.14083	7.84131	2.21918	1
cg07218578	FBS	0.6608445	1.1	0.0393242	1.60984	1.60984	0.733535	1.07062	1.07062	0.6603691	1.52648	1.52648	0.0200456	1.75127	1.75127	0.334427	0.819712	-1.21994	1.1	0.366294	0.830809	-1.20365	0.8810211	0.679544	-1.47158	0.519519	0.877753	-1.13927	0.463856	1.16055	1.16055	1.14082	1.9838	0.561438	1
cg01209049	CCND1	0.6608447	1.1	0.00583248	0.312012	-3.20501	0.496887	0.800478	-1.24925	0.0190938	0.400436	-2.49728	0.957913	0.983118	-1.01717	0.450631	0.780369	-1.28145	1.1	0.840965	0.937236	-1.06697	0.0794971	0.533668	-1.87383	0.0211274	0.409137	-2.44417	0.45491	0.782263	-1.27834	1.14082	5.17784	1.46539	1
cg05721485	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.6608475	1.1	0.0410051	0.84667	0.84667	0.103954	0.78587	0.78587	0.287857	0.28483	0.28483	0.116953	0.57978	0.57978	0.887515	0.899442	-1.1118	1.1	0.83645	0.856597	-1.16741	0.0133255	0.93399	0.93399	0.0112961	0.76504	0.76504	0.0870545	0.4162	0.4162	1.14076	27.8918	7.89385	1
cg15741855	CAPN14	0.6608475	1.1	0.961473	0.984772	-1.01546	0.256138	0.145724	1.45724	0.353808	0.740768	-1.34995	0.0181372	0.401938	-2.48795	0.696657	1.13252	1.13252	1.1	0.794898	0.920576	-1.08628	0.0122334	2.69529	2.69529	0.127632	1.68757	1.68757	0.26965	1.40474	1.40474	1.14076	5.01953	1.42061	1
cg26153353	PRDM16;PRDM16	0.6608476	1.1	0.155375	1.29486	1.29486	0.0038739	2.49241	2.49241	0.0023683	1.33625	1.33625	0.162516	1.24541	1.24541	0.200164	0.779904	-1.28385	0.405324	1.17023	1.15672	1.15672	0.0043613	0.202162	0.02162	0.777994	1.05373	1.05373	0.630204	1.12614	1.12614	1.14089	0.695821	0.479925	1
cg27868464	MECR;MECR	0.6608476	1.1	0.171558	1.504	1.504	0.0237354	0.469115	-2.13167	0.118029	0.621327	-1.60946	0.186676	1.48066	1.48066	0.271921	0.725666	-1.37804	1.1	0.0227181	2.1482	2.1482	0.405365	1.2696	1.2696	0.985829	0.995033	-1.00499	0.590285	1.16464	1.16464	1.14076	3.91072	1.1068	1
cg08446455	PAD3	0.6608505	1.1	0.0608268	0.650133	-1.53814	0.610394	1.1558	1.1558	0.0128855	0.532157	1.52157	0.470628	0.802804	-1.24563	0.0027165	0.802804	-1.24563	1.1	0.0157284	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(6377 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ap21587372	SNRNP70	0.0609391	0.0377078	1.229858	4.35051	1.0284968	0.206639	-4.83935	0.897026	0.9240056	-1.08219	0.350317	0.556319	-1.79753	0.0259837	1.210683	-4.74646	0.1183995	1.035539	-2.81263	0.0141254	0.157632	-6.34387	0.0284026	0.206379	-4.84546	0.601474	0.7251	-1.37912	1.31891	18.498	5.23836	1
ap13449356	ABL1	0.0609395	0.465495	0.842184	-1.18739	0.849869	0.957126	-1.04479	0.284477	0.773285	-1.29318	0.270458	0.629071	-1.58965	0.0242254	0.53726	-1.8613	0.0119802	0.484372	-2.06453	0.867194	0.962037	-1.03946	0.362154	0.805254	-1.24184	0.00795903	0.455332	-2.19626	1.3189	2.6584	0.752819	1
ap16845268	GFPT1	0.0609408	0.490618	0.592824	-1.68684	0.00851526	12.2714	12.2714	0.375536	1.97217	1.97217	0.335783	2.09838	2.09838	0.0211176	0.126093	-7.93066	0.952818	1.04518	1.04518	0.188143	0.35296	-2.83318	0.564101	0.646997	-1.5456	0.552928	0.638747	-1.56557	1.31887	27.721	7.85025	1
ap17779116	GCA	0.0609425	0.0311316	1.564791	1.56479	0.0493726	0.673134	-1.48736	0.696349	1.392986	-1.07189	0.294115	0.8248	-1.21242	0.0191876	1.64533	1.64533	0.8165129	0.959063	-1.04352	0.438324	1.15019	1.15019	0.588357	0.907814	-1.10155	0.162231	0.767877	-1.30229	1.31884	1.55752	0.441074	1
ap22826226	SLC11A2	0.0609453	36266	1.61814	1.61814	0.114752	0.752091	-1.32963	0.320707	1.18581	-1.18581	0.0192914	0.723554	-1.38207	0.80519	1.0419	1.0419	0.355324	0.853905	-1.17109	0.0122542	1.67912	1.67912	0.141746	0.770926	-1.29714	0.149804	0.773771	-1.29237	1.31878	1.37156	0.388419	1
cp15796682	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R NH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R	0.6609484	0.0527476	0.773095	-1.29518	0.0755849	1.26156	1.26156	0.484962	0.92002	-1.08693	0.259368	0.870908	-1.14823	0.0502796	1.29971	1.29971	0.226489	0.861419	-1.16088	0.042713	0.762303	-1.31527	0.646745	0.947239	-1.0557	0.255557	1.14962	1.14962	1.13872	0.685942	0.194259	1
cp09947810	ACAN;ACAN	0.0609506	0.27263	0.826131	-1.20988	0.353229	1.17279	1.17279	0.245733	0.816628	-1.22455	0.760148	1.05242	1.05242	0.233534	0.811878	-1.23171	0.180641	0.788837	-1.26769	0.0185208	1.82757	1.82757	0.687265	1.06934	1.06934	0.0920021	0.733819	-1.36273	1.31867	1.38397	0.391947	1
ap24663638	HSD17B4	0.0609516	0.42469	0.769805	-1.29903	0.456239	0.783881	-1.2757	0.931499	1.02797	1.02797	0.421478	0.768347	-1.3015	0.581759	0.836508	-1.19545	0.00505888	0.304391	-3.28524	0.903148	0.961689	-1.03984	0.0724845	0.90239	1.90239	0.0270881	0.431857	-2.31558	1.31865	5.11876	1.44967	1
ap13670306	ACAP1	0.0609521	0.111393	1.283654	-1.53362	0.0722504	0.846416	-1.18145	0.789024	1.09806	1.09806	0.0772768	0.500705	-1.99718	0.00616152	0.804118	-1.55966	0.0154446	0.357464	2.797	0.0206756	0.629552	-1.58841	0.0270595	0.421144	-2.37418	0.162708	0.592522	-1.68851	1.31865	4.79245	1.35726	1
ap16377108	SRRM4	0.0609521	32675	0.772631	-1.29428	0.969632	1.00975	1.00975	0.854535	0.61607	-1.62319	0.0676022	0.593517	-1.68487	0.723531	0.91348	-1.09471	0.492114	0.837142	-1.19454	0.0155585	0.394789	-2.533	0.0288503	0.518598	-1.92828	0.0291289	0.519392	-1.92533	1.31864	3.22684	0.913867	1
ap22333187	TULP1	0.0609555	0.136939	0.612572	-1.63246	0.0545602	0.51318	-1.94864	0.00477706	0.317954	-3.1451	0.161507	0.632952	-1.5799	0.255867	0.695706	-1.43739	0.889005	0.958183	-1.04364	0.0498081	0.504373	-1.98266	0.115158	0.592154	-1.68875	0.0273721	0.450035	-2.22205	1.31858	4.65146	1.31736	1
cp18371769	PCDHGB4;PCDHGA4;PCDHGA[CPG A1;PCHGA5;PCDHGB1;PCDHGA3;PCD HGA2;PCDHGA7;PCDHGB2;PCDHGB4	0.6609564	0.0533817	5.08891	5.08891	0.144682	3.19497	3.19497	0.059462	4.84222	4.84222	0.79578	1.21204	1.21204	0.0221454	0.130829	-7.64356	0.527394	1.60766	1.60766	0.584873	0.664302	-1.50534	0.0498501	5.25184	5.25184	0.249686	2.43999	2.43999	1.13856	27.327	7.73943	1
cp05099596	SLC5A7	0.6609569	0.982801	0.997318	-1.00269	0.0446124	0.154258	-1.0766	0.0178784	0.633913	-1.52926	0.0849788	0.788725	-1.26787	0.0349449	0.790404	-1.26461	0.348266	1.12787	1.12787	0.000375	1.01573	1.01573	0.907098	1.24261	1.24261	0.583419	0.933317	-1.07145	1.31855	0.971803	0.218587	1
cp05858094	LHPP;LHPP	0.6609574	0.0339226	0.709067	-1.41025	0.0884881	1.58532	1.58532	0.203955	0.830146	-1.20464	0.122653	0.792744	-1.26144	0.697474	0.947206	-1.05574	0.35538	0.87634	-1.14111	0.202802	0.596599	0.928516	-1.07698	0.619372	1.072	1.072	1.0854	0.958268	0.271398	1
cp15730879	FAM5C	0.6609592	0.45402	0.836317	-1.19572	0.94454	0.983827	-1.01644	0.377214	1.23659	1.23659	0.310924	0.782152	-1.27852	0.0252803	1.86523	1.86523	0.989433	1.00311	1.00311	0.0051207	2.3792	2.3792	0.204031	1.36911	1.36911	0.126176	1.47372	1.47372	1.3185	2.73025	0.773263	1
cp25303383	BCO2;BCO2	0.6609594	0.0139327	0.489857	-2.04111	0.0129007	0.722887	-1.38334	0.377716	0.584029	-1.7064	0.514562	0.856358	-1.16729	0.387592	0.856358	-1.16729	0.0266884	0.491645	-2.03399	0.0154264	0.508969	-1.96476	0.0481985	0.473227	-2.11397	0.0153887	0.453185	-2.20715	1.31885	5.01578	1.33183	1
cp04214573	ACSL5;ACSL5;ACSL5	0.6609601	0.0723703	0.307556	-3.25144	0.0152231	0.173281	-5.77097	0.0646758	0.295148	-3.38313	0.0239304	0.209364	-4.77638	0.275599	0.513265	-1.94831	0.165557	0.491087	-2.38614	0.0329034	0.220554	-4.53743	0.0503524	0.269345	-3.71271	0.0340449	0.23345	-4.28357	1.31848	17.1886	4.86819	1
cp18930354	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.6609627	0.124926	0.337275	-5.20098	0.372091	2.48815	2.48815	0.151354	0.725216	1.25216	0.285779	0.312732	-3.00561	0.0453499	0.102123	-9.79207	0.211784	0.270369	-3.69068	0.154786	4.53431	4.53431	0.768274	1.28947	1.28947	0.0284765	0.0768115	-13.0189	1.31843	48.9798	13.4724	1
cp16799334	RORA;RORA;RORA;RORA	0.6609639	0.0136126	0.339412	-2.94636	0.0370464	0.846416	-1.18145	0.789024	1.09806	1.09806	0.0772768	0.500705	-1.99718	0.00616152	0.804118	-1.55966	0.3216156	0.697267	-1.43417	0.0505854	0.456301	-2.19154	0.715732	0.879145	-1.13747	0.173184	0.600223	-1.66602	1.31841	6.16505	1.74612	1
cp01678309	CORO2B	0.6609639	0.0320454	0.304834	-3.28048	0.00651814	0.187841	-5.32364	0.0186552	0.259579	-3.8524	0.351252	0.635225	-1.57424	0.0647536	0.374872	-2.66758	0.10144	0.428173	-2.3355	0.936853	1.03819	1.03819	0.0388345	0.600629	-1.66492	0.580346	0.767866	-1.30231	1.31841	11.1202	3.14957	1
cp13054119	RSPO1	0.6609642	0.00826158	0.152413	-6.56212	0.0145461	0.949055	-1.34603	0.0660464	0.289195	-3.4588	0.234155	0.587324	-1.72199	0.0617002	0.39843	-2.50958	0.615194	0.725967	-1.37756	0.0402748	0.268318	-3.72606	0.0803356	0.793949	-1.25953	0.18428	0.456401	-2.19106	1.31841	3.56184	0.94004	1
cp07154944	KIAA0831	0.6609642	0.522624	0.879985	-1.13638	0.438965	1.16854	1.16854	0.170074	1.3342	1.3342	0.00547875	2.05583	2.05583	0.20563	0.768386	-1.30143	0.409214	0.846585	-1.18122	0.237625	1.27648	1.27648	0.0581786	1.52569	1.52569	0.46177	0.862581	-1.15931	1.3184	1.93521	0.54811	1
cp05502970	APOBEC1;ADPRHL1	0.6609646	0.0079013	0.151385	-6.60568	0.153421	0.69446	-1.43997	0.647389	1.305	1.305	0.886204	1.050559	-1.0863	0.0852887	0.532807	-1.87742	0.0587685	0.291135	-3.43483	0.0837103	0.330728	0.330728	0.0223621	0.0670702	0.305305	-3.27541	0.0188287	0.193038	0.516382	0.13839	16.6086	4.70408	1
cp12604036	SNORD115-6	0.6609652	0.517515	0.507204	-1.97159	0.397449	0.340824	-2.45078	0.556461	0.540432	-1.85037	0.604881	0.746248	1.71181	0.71781	0.0787909	0.0293984	0.747178	1.39742	1.39742	0.0107911	0.0349915	-28.5784	0.592821	0.572096	-1.74796	0.0328484	0.0755816	-13.2307	1.31838	53.2024	15.0686	1
cp23270841	PARD3B;PARD3B;PARD3B	0.6609666	0.630862	1.1696	1.1696	0.0646997	1.95695	1.95695	0.00944996	0.344972	-2.89879	0.741329	0.898359	-1.11314	0.445029	0.777306	-1.28649	0.899696	1.04165	1.04165	0.302508	1.41285	1.41285	0.0268221	2.33654	2.33654	0.928669	1.0294	1.0294	1.31835	5.20409	1.47398	1
cp00846647	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.660967	0.862864	0.96698	1.06698	0.395918	1.38543	1.38543	0.0977298	2.00081	2.00081	0.470775	1.31669	1.31669	0.00764304	0.276153	-3.62118	0.241725	1.58327	1.58327	0.127173	0.538711	-1.85627	0.111269	1.91652	1.91652	0.664006	0.848833	-1.17809	1.31834	0.98099	1.97956	1
cp22803813	USP44;USP44	0.6609671	34728	0.736564	-1.35764	0.0492236	0.803394	-1.24479	0.0892266	0.645658	-1.5502	0.190047	0.553707	-1.80668	0.0415842	0.428707	-2.33239	0.0537702	0.615586	1.62455	0.0842512	0.324951	1.04491	0.0828754	1.27953	1.27953	0.0633128	0.630515	-1.58601	1.31834	2.04229	0.686645	1
cp04560531	ADPRHL1;ADPRHL1	0.6609676	0.0222907	0.470535	-2.12524	0.301442	0.744767	-1.3427	0.0656225	0.566279	-1.76593	0.462841	0.814079	-1.22838	0.0116714	0.420009	2.3809	0.276643	0.732384	-1.3654	0.0485384	0.537805	-1.85941	0.0130533	0.428446	-2.33402	0.202824	0.606697	-1.44781	1.31833	3.76557	1.06654	1
cp21731578	ALG8;ALG8	0.6609715	0.212426	0.19329	1.91329	0.02783	0.704832	-1.41878	0.0187849	0.681764	-1.46678	0.139132	0.865218	1.15628	0.0911828	0.916218	-1.09161	0.616736	0.934725	-1.06983	0.987524	0.997495	-1.00211	0.613787	1.07087	1.07087	0.0521176	1.3617	1.34617	1.31825	0.899835	0.254672	1
cp20314038	CSMD2	0.6609717	0.3606501	0.744239	-1.34329	0.0756082	1.10169	1.10169	0.128478	1.4205	1.4205	0.652512	1.1016	1.1016	0.0258182	2.2485	2.2485	0.1863	1.74281	1.74281	0.0126106	2.40325	2.40325	0.782466	1.06096	1.06096	0.4665645	1.17153	1.17153	1.31825	2.26014	0.642718	1
cp07156138	ADARB2	0.6609747	0.0452341	0.620758	-1.61093	0.273395	1.26691	1.26691	0.198331	0.754149	-1.326	0.657903	1.09601	1.09601	0.0582106	0.64127	-1.55941	0.262923	1.27412	1.27412	0.018453	1.80989	1.80989	0.286512	0.794754	-1.25825	0.840225	0.958968	-1.04279	1.31819	2.14117	0.606485	1
cp19603390	C1GALT1	0.6609748	0.5054884	1.1656	1.1656	0.0670464	0.373684	-2.68254	0.662161	0.856089	-1.16688	0.881533	0.975397	-1.02577	0.915063	0.883813	-1.13216	0.764473	0.899851	-1.11139	0.00279807	0.235334	-4.24928	0.210965	0.883813	-1.13159	0.348546	0.710974	0.613304	-1.63004	1.31819	6.16505	1.74612	1
cp07001901	PLCG2	0.6609751	0.027266	3.48453	1.38453	0.733669	0.96468	-1.03661	0.284769	0.87077	-1.14841	0.459224	1.0984	1.0984	0.275426	1.15178	1.15178	0.850491	1.02378	1.02378	0.307041	1.11951	1.11951	0.0338387	1.62468	1.62468	0.399757	1.89207	1.11333	1.31818	0.7708886	0.218353	1
cp24335055	SPRY4;SPRY4	0.6609754	0.218236	0.852257	-1.17335	0.5705666	1.07332	1.07332	0.0450026	1.32839	1.32839	0.291964	0.873742	-1.1445	0.845721	0.97624	-1.02434	0.0489909	1.31977	1.31977	0.012404	0.681009	-1.46841	0.411162	0.901463	-1.10931	0.817649	0.971893	-1.02892	1.31817	0.757313	0.214509	1
cp25661781	WIPI1	0.6609756	0.2515336	1.19656	1.19656	0.1729093	0.607464	1.83814	-1.24244	0.662161	0.856089	-1.16688	0.881533	0.975397	-1.02577	0.915063	0.883813	-1.13216	0.492924	2.02905	0.0196501	0.838813	-1.19211	0.0227807	0.235334	-4.24928	0.210965	0.883813	-1.13159	0.348546	0.710974	0.613304	1.63004	1.31818	1.37633	1
cp03861427	HLA-H	0.6609786	0.0518984	5.71559	5.71559	0.0542191	0.594152	0.59452	0.0547455	0.56812	5.56812	0.157036	0.329605	3.29605	0.0159557	10.2315	10.2315	0.109931	3.94796	3.94796	0.011792	11.2682	11.2682	0.33734	2.18046	2.18046	0.0427496	2.28457	6.28457	1.31811	30.8684	8.74366	1
cp04644483	TGFB1	0.6609823	0.325277	1.49503	1.49503	0.512145463	0.949055	-1.34603	0.0660464	0.289195	-3.4588	0.234155	0.587324	-1.72199	0.0617002	0.39843	-2.50958	0.311011	0.833757	1.71158	0.288822	1.9046	1.9046	0.0886012	2.74929	2.74929	0.313763	1.64608	1.64608	1.31811	1.42727	0.434527	1
cp07713796	TTLL1;TTLL1	0.6609823	0.376609	1.18883	1.18883	0.284307	0.808932	-1.2362	0.199578	0.772313	-1.29481	0.782568	0.948627	-1.05416	0.488128	0.87435	-1.14371	0.0996949	1.708954	-1.41053	0.00917949	1.87888	1.87888	0.702105	0.929357	-1.07601	0.0367941	0.629762	-1.5879	1.31803	0.80865	0.511643	1
cp02335657	RPL32P3;SNORA7B	0.6609833	0.0388854	0.374748	-2.66846	0.141756	0.522852	-1.91259	0.264458	0.602387	-1.6119	0.22197	0.590448	-1.69363	0.0520185	0.403603	-2.47768	0.132527	0.513631	-1.94692	0.0180181	0.307452	-3.25154	0.0211983	0.271267	-3.6864	0.0296871	0.349759	-2.85911	1.31801	8.37328	2.37185	1
cp05600340	CCDC54	0.6609835	0.96018	1.04165	1.04165	0.0302781	1.26817	1.26817	0.640012	0.745481	-1.08157	0.0872751	0.676504	-1.49778	0.0937224	0.666445	-1.50044	0.134886	0.766801	1.30407	0.0412	0.550091	0.914575	-1.0934	0.117871	0.753757	-1.32669	0.9781	1.32727	0.005091	0.390134	1
cp07908160	MKS1;MKS1	0.609585	0.0697652	0.322079	-3.10483	0.402063	0.619331	-1.61465	0.318027	0.561808	-1.77997	0.326987	0.568174	-1.76002	0.0209149	0.211697	-4.72374	0.0500293	0.286947	-3.48496	0.017768	0.199837	-5.00409	0.00896354	0.156152	-6.40403	0.180903	0.452196	-2.21143	1.31798	15.1315	4.3939	1
cp07349745	MLN;MLN	0.6609853	0.893881	0.967702	-1.03338	0.6258507	1.10933	-1.66926	0.0177209	0.482779	-2.07134	0.690866	1.10333	1.10333	0.692117	1.10284	1.10284	0.102866	1.28235	1.28235	0.0138872	1.49377	1.49377	0.351744	1.26585	1.26585	0.1289	1.49377	1.00739	0.851899	1
cp00694968	HTR2C;MIR1911	0.6609862	0.145924	0.155142	1.55142	0.777906	0.923533	-1.0828	0.170494	0.663231	-1.50777	0.711064	1.11035	1.11035	0.00356099	0.329231	-3.03738	0.206889	1.45423	1.45423	0.827637	0.940499	-1.06327	0.478581	0.816554	-1.22466	0.140077	0.639797	-1.56299	1.31795	3.93324	1.11417	1
cp23149454	PDE2A;PDE2A	0.6609863	0.284267	1.88579	1.88579	0.456365	0.655094	-1.5265	0.113958	0.383142	2.60864	0.304351	1.80965	1.80965	0.196197	2.14263	2.14263	0.0211075	4.69443	4.69443	0.364556	2.28559	2.28559	0.0123329	5.64454	5.64454	0.280555	2.12676	2.12676	1.31795	5.45414	1.47398	1
cp03614488	SAP30L;SAP30L;SAP30L;SAP30L	0.6609868	0.136059	0.15069	1.15069	0.323124	1.03945	1.03945	0.0744555	1.20753	1.20753	0.202646	1.12496	1.12496	0.591146	1.04862	1.04862	0.0854269	1.18111	1.18111	0.0204549	0.783084	-1.277	0.513517	1.00956	1.00956	0.0361437	1.23777	1.23777	1.31794	0.380859	0.107886	1
cp16706546	IGF2BP2;IGF2BP2	0.6609889	0.0650691	0.270186	-3.70115	0.0100206	0.128246	-7.7975	0.0427051	0.22877	-4.37121	0.223171	0.44593	-2.24251	0.0846869	0.299779	-3.33579	0.094307	0.312853	-3.19639	0.00993922	0.127816	-7.82377	0.307201	0.512822	-1.95	0.175373	0.402344	-2.48544	1.3179	19.3865	5.61917	1
cp13132236	RHOG	0.6609892	0.0354882	0.2	0.2	0.0286602	0.12414	0.12414	0.0153552	0.5274	0.5274	0.127019	0.425905	0.47006	0.0109284	0.352171	1.75915	0.0556048	0.2492	0.2492	0.0106636	0.16893	0.16893	0.0113354	0.16025	0.16025	0.0862214	0.12664	0.12664	1.3179	0.32664	0.0824	1
cp08845028	CCKAR;CCKAR	0.6609895	0.153111	1.88225	1.88225	0.00359271	0.10409	0.10409	0.974226	1.01345	1.01345	0.0582645	2.42227	2.42227	0.75876	1.13581	1.13581	0.770398	1.12861	1.12861	0.833659	1.09141	1.09141	0.0189703	3.23618	3.23618	0.166249	1.84091	1.84091	1.31789	8.49336	2.40597	1
cp25664198	CCDC48	0.6609902	0.042302	2.86493	2.86493	0.172062	0.520004	-1.92306	0.345465	0.64951	-1.5482	0.304212	1.61393	1.61393	0.143227	0.492783	2.02929	0.281881	0.604658	-1.6538	0.0578842	0.315533	3.17284	0.0504886	0.947699	-1.05519	0.13784	0.620569	1.61152	1.31789	0.10569	0.24892	1
cp01718254	TRMT61A	0.6609925	0.9404063	0.977668	-1.02284	0.00208976	0.44439	-2.25028	0.162646	0.71863	-1.39154	0.622226	1.09748	1.09748	0.0166027	0.74959	-1.25139	0.503783	1.21621	1.21621	0.453222	1.03552	1.03552	0.873598	1.11088	1.11088	0.0186468	1.11522	1.11522	1.31743	0.493882	1
cp11824101	PLS3	0.6609938	0.482613	1.28834	1.28834	0.00482912	3.77087	3.77087	0.371993	0.722214	-1.38463	0.266306	0.662834	-1.50867	0.20305	0.620593	-1.61136	0.150483	1.72838	1.72838	0.344193	0.707551	-1.41333	0.215042	1.55565	1.55565	0.250802	1.53118	1.53118	1.3178	6.2646	1.77466	1
cp19998991	PLEKHG6;PLEKHG6	0.6609941	0.703886	1.27978	1.27978	0.0772356	0.520004	-1.92306	0.345465	0.64951	-1.5482	0.304212	1.61393	1.61393	0.143227	0.492783	2.02929	0.281881	0.604658	-1.6538	0.0578842	0.315533	3.17284	0.0504886	0.947699	-1.05519	0.13784	0.620569	1.61152	1.31789	0.10569	0.24892	1
cp08168847	UBA6;LOC550112	0.6609953	0.400546	0.85119	-1.17483	0.0127713	0.560016	-1.78566	0.338924	1.20269	1.20269	0.41227	1.16995	1.16995	0.02876	1.6208	1.6208	0.238144	0.793455	-1.26031	0.336946	0.830789	-1.20366	0.389013	1.17974	1.17974	0.187766	1.29871	1.29871	1.31777	1.74225	0.493556	1
cp00967901	HTR7;HTR7;HTR7	0.6609961	0.452592	1.21549	1.21549	0.1538332	1.31769	1.31769	0.0927858	1.21043	1.21043	0.149571	0.878077	-1.13885	0.0188692	0.976343	-1.02423	0.883429	0.972799	-1.02796	0.615286	0.74164	-1.34836	0.153217	0.750149	-1.33307	0.0670221	1.19027	1.19027	1.31777	0.747886	1
cp11676105	MINFF;HINFP	0.6609966	0.611892	1.08926	1.08926	0.845359	0.967898	-1.03317	0.647458	1.07997	1.07997	0.298357	1.19736	1.19736	0.234522	1.23148	1.23148	0.231232	1.23347	1.23347	0.00222475	0.488743	-2.04606	0.392977	1.15745	1.15745	0.923348	1.01621	1.01621	1.31775	0.387485	0.393051	1
cp00028487	ZNF808	0.6609966	0.431106	0.906971	-1.10257	0.0276694	1.3721	1.3721	0.172596	1.1929	1.1929	0.980497	0.997034	-1.00297	0.209031	1.17458	1.17458	0.792809	0.968518	-1.03258	0.0808948	0.667299	-1.49858	0.941136	1.00901	1.00901	0.210294	1.174	1.174	1.31774	0.733794	0.207876	1
cp18406738	PPP3CA;PPP3CA;PPP3CA	0.6609968	0.807975	1.07377	1.07377	0.172395	0.81289	-1.23015	0.0822566	0.640356	-1.56155	0.175138	0.51408	1.94088	0.0242253	0.413213	2.42033	0.283204	0.741228	1.34909	0.0744222	0.232225	-4.30598	0.039477	0.152595	1.05295	1.05295	1.31774	2.32432	0.49956	1
cp05954698	EPHA2	0.6609972	0.376633	0.661463	-1.5118	0.114588	0.457601	-2.18531	0.823171	1.10786	1.10786	0.0193103	3.62911	3.62911	0.125502	0.469856	-2.12831	0.0788247	0.411021	-2.43297	0.0709498	2.5069	2.5069	0.691392	0.833798	-1.19933	0.212844	0.550084	-1.81791	1.31773	10.3127	2.92149	1
cp05633644	HS3ST3A1	0.6609973	0.95374	1.0645	1.01454	0.043237	0.592331	-1.76319	0.0115483	0.460723	-2.1705	0.84978	1.04762	1.04762	0.0603292	1.25951	1.25951	0.508372	1.17895	1.17895	0.0903763	1.84993	1.84993	0.0750105	0.991488	1.00859	0.727233	0.798893	1.25173	1.31773	0.798893	1.25173	0.384774	1
cp12112434	C14orf106	0.6609982	0.0261435	3.4656	3.4656	0.0325635	3.24874	1.24874	0.904085	1.05791	1.05791	0.102237	2.32174	2.32174	0.026616	0.290079	-3.44734	0.634766	2.5281	2.5281	0.518732	0.734826	-1.36087	0.556525	0.532257	1.32327	1.32327	0.228708	1.83102	1.83102	1.31771	11.0241	3.12305	1
cp08484665	PCBP1;PCBP1	0.6610006	0.3662252	0.808078	-1.2375	0.304153	1.27674	1.27674	0.194356	1.37052	1.37052	0.222107	0.744845	-1.34256	0.564114	1.14322	1.14322	0.950292	0.98579	-1.01441	0.473184	1.18233	1.18233	0.0523571	0.602581	-1.65953	0.00510232	0.427592	-2.33868	1.31766	2.63892	0.741931	1
cp18395531	ALDH5A1;ALDH5A1	0.6610012	0.0599591	0.338054	-2.95816	0.235682	0.583858	-1.71301	0.188943	1.82661	-1.82661	0.555303	0.771856	-1.29574	0.0553933	0.781264	-1.27981	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5637 vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg05483593	SNX19	0.0610775	0.616228	1.13999	1.139999	1.420688	1.23779	1.23779	0.480725	0.8303882	1.220427	0.6621971	0.580179	-1.72363	0.02722653	0.507901	-1.96889	0.342412	1.28873	1.28873	0.00946085	0.339204	-1.50498	0.9093134	0.9900816	-1.01008	0.8447566	1.05215	1.052215	1.13611	3.33996	0.946667	1
cg09185797	GCG	0.0610789	0.14553	1.66258	1.662658	2.701134	0.882109	-1.13365	0.488845	0.7955401	-1.25699	0.179535	0.628932	-1.59	0.625896	0.8523	-1.1733	0.7116594	1.12835	1.12835	0.00180668	0.2361316	-4.23489	0.8075506	1.08262	1.08262	0.4206664	0.765207	-1.30684	1.13608	5.2555	1.48961	1
cg21628055	GNA12	0.0610802	0.631957	0.861275	-1.16107	0.116952	0.590341	-1.69394	0.13506	0.6074908	-1.66434	0.0825028	1.81335	1.81335	0.0200048	0.419657	-2.3829	0.473676	0.798104	-1.25297	0.866676	0.94933	-1.05337	0.0299439	2.20421	2.20421	0.9689662	0.988031	-1.01211	1.13606	4.75673	1.34825	1
cg07450037	HOXA2;HOXA1	0.0610826	0.04775	15.6191	15.63	0.0645183	12.4471	-12.4471	0.1204418	7.73166	7.73166	0.13295	15.9909	7.15909	0.0853976	0.06138	10.0638	0.1057093	8.54939	8.54939	0.00842096	59.487	59.487	0.0166418	34.8228	34.8228	0.0975873	0.08953	9.08953	1.13601	75.2248	20.7553	1
cg16851221	PARD3B;PARD3B;PARD3B	0.061081	0.616654	1.23553	1.23553	0.3661104	0.3614415	-2.7669	0.168954	0.5411011	-1.84809	0.30151	1.56297	1.56297	0.2897783	1.58474	1.58474	0.689102	0.844913	-1.18355	0.0333906	2.834315	2.834315	0.0267898	3.00229	3.00229	0.301738	1.56572	1.56572	1.136	8.72139	2.47205	1
cg05005121	CELSR1	0.0610846	0.328291	1.72898	-1.37178	0.983846	1.00636	1.00636	0.339085	1.294404	-1.36165	0.4819353	1.799392	-1.25095	0.2353389	1.47639	-1.47639	0.2229223	0.669502	-1.49365	0.0108886	2.765001	2.765001	0.0373911	2.13136	2.13136	0.1110331	1.722571	1.722571	1.13597	4.87461	1.3837	1
cg05462761	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0610891	0.00536395	1.238606	-4.19101	0.137217	0.534951	-1.86933	0.818545	0.9154112	-1.00936	0.467666	0.749164	-1.33482	0.722003	0.8697	-1.14982	0.359891	0.692213	-1.44464	0.00934462	0.274994	-3.63644	0.186427	0.5784469	-1.7287	0.0497323	0.416968	-2.39826	1.13588	7.58477	2.14996	1
cg08831336	PFKP	0.0610897	0.957179	0.988471	-1.01166	0.683116	1.09268	1.09268	0.16896	1.37231	1.37231	0.816791	0.95112	-1.05139	0.593008	1.12356	1.12356	0.179577	0.735042	-1.36047	0.0970276	1.4819	1.4819	0.2812325	0.824049	-1.21352	0.00373385	0.429267	-2.32955	1.13587	2.3161	0.65652	1
cg03335207	MSL2;MSL2	0.0610917	0.0826789	0.590137	-1.69452	0.211559	1.435	1.435	0.103335	1.63054	1.63054	0.605061	1.15391	1.15391	0.0858682	0.59399	-1.68353	0.516934	1.1976	1.1976	0.00820116	0.395265	-2.52995	0.792876	0.930131	-1.07489	0.979734	1.00699	1.00699	1.13583	3.74002	1.06015	1
cg06109316	ZNF274;ZNF274;ZNF274	0.0610936	0.0798505	0.760857	-1.31452	0.126849	1.0397715	-1.11394	0.498656	0.6596581	-1.42922	0.0821971	1.06995	1.06995	0.2519756	0.507903	-1.96866	0.754425	1.84946	1.84946	-1.7722	0.0024967	1.06609	1.06609	0.5832474	1.13388	1.13388	0.73463	0.837863	-1.19351	1.13579	13.426	3.8058	1
cg23113155	STAB2	0.0610941	0.131992	0.583079	-1.71503	0.256218	1.48386	1.48386	0.2966	0.6629351	0.732437	-1.3653	0.064997	0.501588	-1.99367	0.0040284	0.276796	-3.61277	0.628952	0.850337	-1.17602	0.350492	2.842346	-2.22398	0.295769	0.696959	-1.4348	1.13578	5.50691	1.56103	1
cg00661455	FDFT1	0.0610949	0.2292334	0.5484099	-1.46091	0.5590211	0.8670388	-1.18052	0.5016561	0.2311821	0.97121	0.9967022	1.00126	1.00126	0.6634498	1.14289	1.14289	0.9516377	1.18666	1.18666	?	?	0.7836666	1.08759	1.08759	0.5563899	1.19901	1.19901	0.77901	4.16563	1.33105	1
cg09742915	NUDT4;NUDT4;NUDT4P1	0.0610982	0.0646559	-0.786271	-1.27163	0.5791115	0.935838	-1.06856	0.103823	1.22885	1.22885	0.325138	0.8889043	-1.12493	0.104715	0.804278	-1.22808	0.00702475	0.667772	-1.49752	0.714017	0.958251	-1.04357	0.835916	1.02432	1.02432	0.0606167	0.782204	-1.27844	1.1357	2.6666585	0.1889988	1
cg17577636	FAM109A	0.0610986	0.463404	0.875137	-1.14244	0.0496028	0.5149143	1.79208	0.176839	0.774027	-1.29194	0.761026	1.05594	1.05594	0.0936353	0.719658	-1.38955	0.0096979	0.557746	-1.79297	0.0232527	1.01727	1.01727	0.262708	0.811918	-1.23165	0.487222	0.881665	-1.13422	1.13569	1.58105	0.448187	1
cg14565279	ATP2B4;SNORA77;ATP2B4	0.0610991	0.1124841	1.529627	0.6315957	0.8837738	0.6004582	1.06009	0.759594	0.2144128	0.9098	0.9098	1.44154	1.44154	0.0243692	1.98654	1.98654	0.5556444	1.74178	1.74178	0.0401019	2.2497	2.2497	0.0135091	1.30374	1.30374	0.163326	0.683426	-1.46322	1.13568	3.25055	0.924453	1
cg01030460	SLC22A17;SLC22A17	0.0610999	0.0145336	0.407325	-2.45504	0.429655	1.27192	1.27192	0.8591	0.9483368	-1.05444	0.667786	1.13748	1.13748	0.0309064	0.469509	-2.12988	0.034276	0.478632	-2.08929	0.0369934	0.485466	-2.0599	0.950063	0.9834488	-1.01886	0.72758	1.110377	1.110377	1.13566	4.42037	1.25307	1
cg14496414	PDZD2	0.0611001	0.175559	0.728197	-1.37325	0.216614	0.525112	-1.90428	0.0629788	0.6287	0.9446	-1.05865	0.963775	0.83422	-1.22317	0.14211	0.706428	-1.41557	0.6346915	0.9000328	-1.11108	0.66795	1.099669	1.09969	0.8089892	0.948312	-1.0545	1.13566	2.40816	0.68266	1
cg15078413	PPIA3	0.0611003	0.4495509	0.88883	-1.12573	0.6004582	1.06009	-1.06009	0.759594	1.21442	1.06009	0.759594	1.03448	0.539768	0.9337451	-1.07096	0.990009	1.2202	1.2202	1.2202	0.0130705	0.711784	-1.40492	0.9963099	0.9994489	-1.00051	0.672169	1.041813	1.041813	0.1015304	1.41754	1.41754	1.13565	0.6056669	0.171694	1
cg09336667	TUBB3	0.0611041	0.0111148	0.591738	-1.68994	0.2203375	0.8086651	-1.23661	0.287094	0.8334444	-1.19984	0.817279	0.962572	-1.03888	0.655676	1.07678	1.07678	0.4440336	0.879312	-1.13725	0.00463194	0.537469	-1.86057	0.152624	0.7768851	-1.28725	0.104973	0.746758	-1.33912	1.13558	1.34912	0.382457	1
cg19436570	ZNF274;ZNF274;ZNF274	0.0611056	0.180469	4.353	1.2453	0.506685	1.1097715	1.1097715	-11.1394	0.4498656	0.659681	-1.42922	0.0821971	2.72592	0.2775921	0.507903	-1.96866	0.238654	3.60146	3.60146	0.0104938	0.674362	67.5362	67.5362	0.0190449	18.8258	18.8258	0.207263	0.488517	4.08517	1.13555	51.6123	15.7654	1
cg25791888	PSMB7;RRP1B	0.0611106	0.640339	0.95602	-1.046	0.0158835	1.32619	1.32619	0.383859	1.08009	1.08009	0.38278	1.08931	1.08931	0.4317848	1.0156	1.0156	0.004532474	1.43543	1.43543	0.475137	1.07188	1.07188	0.494002	1.07829	1.07829	0.208301	0.880918	-1.13518	1.13545	0.4536645	0.128607	1
cg14161269	TNX8	0.0611109	0.0414562	1.133525	1.1335	0.0701136	0.6180502	1.61642	0.2422256	0.8880113	1.12617	0.7751	1.12617	1.12617	0.3772733	0.466118	1.77551	0.1776127	1.26757	1.26757	1.26757	1.26757	0.1539974	0.9399573	0.5298722	-1.88725	0.2734979	1.37577	1.37577	1.13554	2.3532128	0.7402304	1
cg05780294	FAM71F2;FAM71F2	0.0611118	0.087592	0.275381	-3.63133	0.295332	2.10052	2.10052	0.0732514	0.255102	-3.92	0.0461077	0.20992	-4.7728	0.0224593	0.154141	6.48755	0.509923	0.6331	-1.57953	0.254526	0.443241	-2.25611	0.937159	0.947503	-1.05541	0.0120952	0.117703	-8.49594	1.13542	23.2249	6.58423	1
cg04966159	INF2;INF2	0.0611115	0.0262614	0.359089	-2.78482	0.0331017	2.62885	2.62885	0.154894	1.80669	1.80669	0.158312	1.79674	1.79674	0.884291	0.944092	-1.05821	0.31183	1.50159	1.50159	0.0936687	2.03361	2.04681	0.06579	2.23028	2.23028	0.189296	1.71647	1.71647	1.13536	7.49616	2.1252	1
cg08906827	MAP701	0.0611155	0.011239	0.5181	-1.93011	0.0314474	2.27887	2.27887	0.0111164	1.46039	1.46039	0.162934	1.50934	1.50934	0.5099461	1.34108	1.34108	0.4010319	1.2497	1.2497	0.0167354	2.2805	2.2805	0.315994	1.30374	1.30374	0.163326	0.683426	-1.46322	1.13568	3.25055	0.924453	1
cg08800869	PAOX;PAOX;PAOX	0.0611182	0.032809	0.345608	-2.89345	0.0946702	0.457682	-2.18492	0.78642	0.8908631	-1.12251	0.0484027	0.3830949	-2.61063	0.0251969	0.322376	-3.10389	0.00746309	0.230894	-4.331	0.0895043	0.450863	-2.21797	0.769038	0.882245	-1.13347	0.321928	0.6470112	-1.54557	1.13529	8.99013	2.5488	1
cg00348113	SLC7A3;SLC7A3	0.0611195	0.485234	1.48934	1.489344	0.0207264	1.032097	-1.03465	0.240744	0.5906313	-1.975	0.0256652	1.225317	1.44426	0.0094673	0.113746	-8.35164	0.179443	2.22948	2.22948	0.0426355	0.144427	1.040929	1.040929	0.9784455	-1.02177	0.658122	0.778735	-1.28413	1.13527	15.0985	4.45074	1
cg13832985	EHMT1	0.0611197	0.054707	3.32117	3.32117	0.3922	1.76295	-1.76295	0.841948	0.8958861	-1.11624	0.616347	1.32081	1.32081	0.1542513	1.41668	1.41668	0.0190404	4.75723	4.75723	0.0131316	5.44142	5.44142	0.0409229	1.66769	3.66769	0.0272674	0.412638	2.41638	1.13526	15.0649	4.27111	1
cg00484509	ZNF263	0.0611209	0.245244	0.355235	-2.81503	0.0110715	0.0663443	-15.0729	0.050104	0.149249	-6.70023	0.103608	0.219655	-4.5526	0.023993	0.100971	-9.90382	0.06495808	0.17122	-5.84044	0.0167212	0.0831373	-12.0283	0.566748	0.610745	-1.63734	0.271233	0.377056	-2.65212	1.13524	36.0856	10.2082	1
cg00140479	FLJ39582;FLJ39582;THAP7;THAP7	0.0611212	0.478381	1.44894	1.448937	0.0202124	1.115541	-1.02315	0.0443403	0.7129302	1.14637	0.0223571	1.144	1.144	0.0094273	0.555936	1.79959	0.2483127	1.18226	1.18226	0.0800016	0.5559	1.79904	1.79904	0.1400796	1.41314	1.41314	0.1117851	1.117185	1.117185	1.13523	0.9354745	0.2547074	1
cg20935023	PSMB6	0.0611218	0.00885769	0.563445	-1.7748	0.116799	0.74572	-1.34099	0.496261	0.8878948	-1.12632	0.393481	1.16243	1.16243	0.203492	0.79364	-1.26002	0.580193	0.908283	-1.10098	0.0602755	1.440133	1.440133	0.0633333	0.697976	-1.43271	0.348617	0.846915	-1.18076	1.13522	1.47228	0.417417	1
cg24716343	PCNX2	0.0611222	0.0142264	0.597357	-1.67385	0.0810732	0.6853792	1.45865	0.2872585	0.8124271	1.16946	0.8436337	1.07585	1.07585	0.6224573	0.929331	-1.07577	0.3947888	1.33613	1.33613	0.0577437	1.2309	1.2309	0.1088319	0.8546411	-1.17008	0.7870302	0.960854	-1.04098	1.13521	0.6049968	0.1566452	1
cg24074884	NR2F6	0.0611241	0.060682	0.838891	-1.19205	0.0962359	0.85922	-1.16385	0.44873	0.9378815	-1.06623	0.369386	1.07959	1.07959	0.264009	0.907812	1.10155	0.009772726	0.762308	-1.31181	0.8414746	0.988531	-1.01674	0.235655	1.10876	1.10876	0.128942	1.14602	1.14602	1.13517	0.3426643	0.0971465	1
cg00154064	ZNF932;ZNF932;ZNF932	0.0611271	0.0021281	0.5859017	-1.61412	0.435463	0.661946	-1.5107	0.405208	0.555516	1.55516	0.614784	0.768653	-1.30098	0.563454	1.35371	1.35371	0.567195	1.34971	1.34971	0.459207	0.676535	-1.47812	0.857728	0.9111153	-1.09751	0.757763	0.851794	-1.17389	1.13511	13.3497	3.785	1
cg25143051	CACNA2D3	0.0611275	0.0146897	0.5139	-1.94581	0.0701336	0.6180502	1.61642	0.2422256	0.8880113	1.12617	0.7751	1.12617	1.12617	0.3772733	0.466118	1.77551	0.3771787	1.24632	1.24632	0.388701	1.23945	1.23945	0.0809147	1.60048	1.60048	0.287089	0.7644444	0.3084	1.13511	2.93204	0.8231312	0
cg17052976	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0611273	0.0933548	0.801389	-1.24783	0.0125688	1.45112	1.45112	0.292322	1.14004	1.14004	0.240181	0.8630291	-1.15871	0.729387	1.04254	1.04254	0.25704	0.867705	-1.15247	0.236172	0.861647	-1.16057	0.0944589	0.802101	-1.24673	0.204595	1.17419	1.17419	1.13511	0.7345422	0.202592	1
cg24452508	PLEKHA5;PLEKHA5	0.0611282	0.401863	1.12763	1.12763	0.4894	0.525254	-1.09499	0.733621	0.8869	1.08693	0.818802	1.26886	1.26886	0.2428352	0.884098	-1.1311	0.2707372	1.30938	1.30938	0.1308	1.63	1.63	0.0307631	1.19305	1.19305	0.314367	1.29506	1.29506	1.13501	0.3869392	0.111	1
cg13232176	KIAA1671	0.0611306	0.0179627	0.281147	-3.55686	0.0945648	2.54602	-2.24407	0.136757	0.492928	-3.12657	0.0326353	0.639432	-1.56389	0.0080506	0.223571	4.47285	0.225814	0.570471	-1.75294	0.0128173	0.255611	-3.99122	0.363338	0.6615551	-1.5116	0.202186	0.551169	1.13504	3.669006	2.7415	1
cg06866655	SLC9A3	0.0611317	0.543105	1.10611	1.10611	0.026346	1.539611	1.539611	0.0987282	0.74334	-1.34528	0.215161	1.23831	1.23831	0.0473215	0.695101	-1.4503	0.834543	1.03486	1.03486	0.111582	1.32587	1.32587	0.0815681	1.37197	1.37197	0.518782	0.898379	-1.11312	1.13502	1.33268	0.3778661	1
cg09797788	INO80	0.0611319	0.0653193	1.144994	1.144994	0.0202124	1.115541	-1.02315	0.0443403	0.7129302	1.14637	0.0223571	1.144	1.144	0.0094273	0.555936	1.79959	0.2483127	1.18226	1.18226	0.0800016	0.5559	1.79904	1.79904	0.1400796	1.41314	1.41314	0.1117851	1.117185	1.117185	1.13523	0.9354745	0.2547074	1
cg13740810	ADAMTS14;ADAMTS14	0.0611336	0.26698	1.38754	1.38758	0.202117	0.294103	1.40017	0.26467	0.719438	-1.38997	0.893876	0.962901	-1.03853	0.546575	1.18865	1.18865	0.733309	0.907673	-1.10172	0.231718	1.42659	1.42659	0.420539	1.26240	1.26240	0.258944	0.950862	-1.05168	1.13498	3.98336	1.12944	1
cg12589143	HCG4P6	0.0611354	0.040354	29.1849	29.19	0.0344195	0.5149143	1.79208	0.176839	0.774027	-1.29194	0.761026	1.05594	1.05594	0.0936353	0.719658	-1.38955	0.0096979	0.557746	-1.79297	0.0232527	1.01727	1.01727	0.262708	0.811918	-1.23165	0.487222	0.881665	-1.13422	1.13569	1.58105	0.448187	1
cg12131886	INPP5A	0.0611359	0.45	1.20044	1.20044	0.804594	1.0606	1.0606	0.166738	0.7047604	-1.4189	0.548958	1.15479	1.15479	0.401886	1.22582	1.22582	0.976242	0.992957	-1.00709	0.00164435	2.9144	2.9144	0.42559	1.213	1.213	0.151954	1.43945	1.43945	1.13494	2.79655	0.79294	1
cg12486196	PSMA8;PSMA8;PSMA8	0.0611359	0.106986	2.05267	2.052673	0.0109037	0.6478984	1.31768	0.353618	0.9902108	1.01029	0.9902108	1.16782	1.16782	0.1670437	0.860533	-1.16233	0.154338	1.27687	1.27687	0.0127338	2.72734	2.72734	0.0177408	1.23518	1.23518	0.0359192	1.10593	1.10593	1.13494	8.29162	2.55103	1
cg23228837	CSMD3;CSMD3	0.0611374	0.113825	1.65706	1.657056	0.380302	1.90178	1.90178	0.0486894	0.9167	-1.39672	0.152218	0.637465	-1.55871	0.774443	0.919099	-1.08802	0.421505	1.78792	-1.2726	0.102761	0.6314227	-1.63552	0.937222	1.0251	1.0251	0.0332835	0.57594	1.07594	1.13491	4.27908	1.21331	1
cg09190824	SH3KBM3	0.0611375	0.357133	0.784644	-1.27446	0.0314278	2.8118	2.8118	0.741495	1.08847	1.08847	0.703575	0.906741	-1.10285	0.359435	1.2729	1.2729	0.322933	0.769927	-1.29882	0.0460023	1.79609	1.79609	0.216629	1.39506	1.39506	0.510526	1.1864	1.1864	1.1349	3.256	0.923224	1
cg03576245	PCNX2	0.0611376	0.932733	0.566037	-1.76655	0.0440484	1.115541	-1.02315	0.0443403	0.7129302	1.14637	0.0223571	1.144	1.144	0.0094273	0.555936	1.79959	0.2483127	1.18226	1.18226	0.0800016	0.5559	1.79904	1.79904	0.1400796	1.41314	1.41314	0.1117851	1.117185	1.117185	1.13493	0.9354343	0.2511666	1.37354	1.67099	0.2707027	1
cg13904006	SH3BP4	0.0611382	0.220061	1.67891	1.67891	0.033603	0.7111311	2.71111	0.0170362	3.21854	3.21854	0.204116	1.71348	1.71348	0.314327	1.5191	1.5191	0.0455862	2.51222	2.51222	0.0067814	4.09466	4.09466	0.108954	2.01866	2.01866	0.150573	1.8573	1.8573	1.13489	8.01667	2.2731	1
cg07075380	MLST8	0.0611383	0.0310078	0.588114	-1.70035	0.516114	1.150571	1.150571	0.0072288	0.477928	-2.09237	0.121388	0.699247	-1.43011	0.2667769	0.782419	-1.27809	0.0659657	0.644397	-1.55184	0.259403	0.7781004	-1.28484	0.569255	1.13027	1.13027	0.434704	1.18506	1.18506	1.13489	2.25311	0.6838863	1
cg18695931	GAK	0.0611407	0.34267	2.0232	2.023202	0.2421582	0.7835521	-1.27629	0.0674473	0.654392	-1.52814	0.2227474	0.786181	-1.27197	0.302537	0.824658	-1.21262	0.1502318	1.44402	1.44402	0.0104852	2.49434	2.49434	0.0253381	1.08064	1.08064	0.5177552	0.761787	-1.31237	1.13485	1.79007	0.5075777	1
cg20984065	GRM2;GRM2	0.0611431	0.0935887	0.439153	-2.27711	0.567979	2.77294	-1.29376	0.227786	0.56839	-1.75935	0.0114642	0.2265	-4.61883	0.022449	0.255159	-3.38801	0.504417	0.739137	-1.35295	0.0176462	0.265618	-3.76481	0.10013	0.447575	-2.23426	0.128348	0.480229	-2.08234	1.13479	9.88638	2.80334	1
cg06201604	BCMO1	0.0611448	0.100227	0.4911	-2.03616	0.0916571	0.6004582	1.06009	0.759594	0.2144128	0.9098	0.9098	1.44154	1.44154	0.0243692	1.98654	1.98654	0.5556444	1.74178	1.74178	0.0401019	2.2497	2.2497	0.0135091	1.30374	1.30374	0.163326	0.683426	-1.46322	1.13568	3.25055	0.924453	1
cg00420859	CBLN1	0.0611515	0.668715	0.93882	-1.06517	0.515662	0.907858	-1.10149	0.175587	0.809588	-1.23519	0.0335923	1.43914	1.43914	0.813764	0.965983	-1.03521	0.2548566	1.19048	1.19048	0.06647	0.739459	-1.35234	0.0113637	0.628289	-1.59163	0.400157	0.881343	-1.13463	1.13462	1.0678	0.302797	1
cg15544411	C1orf216	0.0611521	0.794984	0.94741	-1.05551	0.0161564	1.83921	1.83921	0.0201843	1.77937	1.77937	0.659463	0.912003	-1.09646	0.2792926	1.1981	1.1981	0.1022318	1.4482	1.4482	0.154394	2.3716	2.3716	0.0179202	1.1985	1.1985	0.0866342	0.675784	-1.47976	1.13461	1.23848	0.4169727	1
cg20989777	CALB1	0.0611522	0.0129707	0.655895	-1.52463	0.91402	0.985336	-1.01488	0.0439199	1.37262	1.37262	0.160818	1.22738	1.22738	0.684481	0.946361	-1.05668	0.380705	1.68492	1.68492	-1.13085	0.685361	0.9481	-1.05481	1.2403	1.2403	0.2093167	1.28734	1.28734	1.13461	0.928774	0.263375	1
cg16463165	ABCA3	0.0611524	0.657872	0.887185	-1.12716	0.0245611	2.05288	2.05288	0.844997	0.948788	-1.05398	0.0580027	1.77805	1.77805	0.0670019	0.576129	-1.73572	0.146565	0.658027	-1.5197	0.865087	1.04673	1.04673	0.0458899	1.8481	1.8481	0.384249	1.27075	1.27075	1.1346	3.58106	1.01549	1
cg02749735	DGKG;DGKG;DGKG	0.0611529	0.121091	0.441311	-2.26218	0.0458622	1.8648	1.8648	0.0476119	1.54193	1.54193	0.0931203	1.42936	1.42936	0.3145613	0.699396	-1.43004	0.0760992	0.542668	1.84268	1.84268	0.0091316	2.7938	2.7938	0.0218754	1.43347	1.43347	0.451957	1.60243	1.60243	1.13458	18.7958	5.13021	1
cg04697227	PRPF39	0.0611543	0.0751887	0.41569	-2.40564	0.0032816	1.618429	-1.59321	0.679721	1.20193	1.20193	0.715293	1.17622	1.17622	0.347925	0.651728	-1.53438	0.164434	0.518287	-1.92943	0.235649	0.576574	-1.73438	0.0301209	0.323057	-3.09543	0.544928	0.762263	-1.31188	1.13457	9.74531	2.76354	1
cg07441824	ZCCHC16	0.0611558	0.1888	1.54878	1.548778	0.1440484	1.1203374	1.1203374	0.1856	0.7447013	-1.41366	0.4185896	1.24009	1.24009	0.1153254	0.651272	-1.53596	0.4522973	1.22065	1.22065	0.6823441	1.74581	1.74581	0.183537	0.947453	-1.05567	0.1994114	0.699431	0.4295	0.6824231	1
cg23745839	SLC6A5	0.0611562	0.0713173	0.43955	-2.2749	0.119385	0.501767	-1.99296	0.971549	0.9855552	-1.01466	0.675479	0.842141	-1.18745	0.0172865	3.26507	3.26507	0.064706	0.33186	0.33186	0.101265	0.480835	-2.07971	0.39306	1.42906	1.42906	0.803756	1.10694	1.10694	1.13453	3.26644	2.3442	1
cg25039158	SND1	0.0611573	0.123459	0.765772	-1.30587	0.316217	1.180026	1.180026	0.193017	1.26491	1.26491	0.248109	1.24649	1.24649	0.0819016	0.962603	-1.03947	0.0155989	0.623721	-1.60328	0.304666	1.18533	1.18533	0.0313025	1.49788	1.49788	0.347194	1.13515	1.13515	0.286667	0.837814	-1.19358	1.13451	1.26992	0.360126	1
cg06565194	MCPH1	0.0611601	0.208546	1.4139	1.413902	0.0183709	1.16363	1.16363	0.107177	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09150815	ZNF584	0.061241	0.368041	1.1307	1.1307	?	?	?	0.709502	1.05097	1.05097	0.9762	0.996045	-1.00397	0.346144	1.13756	1.13756	0.108953	1.26142	1.26142	0.00700624	0.629241	-1.58922	0.132037	1.24104	1.24104	0.141798	1.2335	1.2335	3.17599	0.789113	0.248462	1
cg13941441	PMS1;PMS1;PMS1;ORMDL1;ORMDL1	0.0612417	0.850076	1.03584	1.03584	0.679717	0.925648	-1.08032	0.0655017	1.46921	1.46921	0.0166364	0.580304	-1.72324	0.768695	0.946596	-1.05642	0.0334061	1.58821	1.58821	0.0651258	1.47019	1.47019	0.401559	1.17326	1.17326	0.640118	0.916096	-1.09159	3.13281	1.71852	0.487604	1
cg03643709	VPS18;VPS18	0.0612438	0.0322561	0.611994	-1.634	0.908683	1.02272	1.02272	0.263559	1.25637	1.25637	0.190612	1.31179	1.31179	0.0212258	0.581359	-1.72011	0.388687	1.18886	1.18886	0.194827	0.764495	-1.30805	0.481422	0.869246	-1.15042	0.085387	1.4512	1.4512	3.13277	1.90258	0.539835	1
cg12086340	KIAA1409	0.0612439	0.162161	1.84093	1.84093	0.00279589	5.39078	5.39078	0.0384818	2.66555	2.66555	0.0991267	2.09433	2.09433	0.909917	1.04737	1.04737	0.558458	1.27374	1.27374	0.0623538	2.35801	2.35801	0.228243	1.67718	1.67718	0.134951	1.93275	1.93275	3.13276	8.29562	2.35379	1
cg20989409	ERP27	0.0612449	0.354193	0.858823	-1.16438	0.58688	0.916128	-1.09155	0.36421	0.861675	-1.16053	0.710907	1.06124	1.06124	0.985886	1.00283	1.00283	0.440523	1.13382	1.13382	0.0018452	2.02583	2.02583	0.251962	1.21056	1.21056	0.200013	1.2413	1.2413	3.13275	1.26486	0.358894	1
cg22633292	PWWP2B;PWWP2B	0.0612453	0.00829842	7.00475	7.00475	0.377162	0.618772	-1.6161	0.208366	2.03312	2.03312	0.0813691	2.86682	2.86682	0.0634631	3.13923	3.13923	0.0859791	2.80991	2.80991	0.539497	0.720754	-1.38744	0.340453	0.593812	-1.68403	0.460892	0.67266	-1.48664	3.7388	15.5317	2.76947	1
cg09448450	INTS1	0.0612459	0.334995	1.1079	1.1079	0.979558	1.00264	1.00264	0.0518256	0.796087	-1.25614	0.101883	0.831493	-1.20266	0.883253	0.984971	-1.01526	0.580975	1.05914	1.05914	0.0049962	1.4665	1.4665	0.643703	0.953133	-1.04917	0.535059	0.937311	-1.06688	3.13272	0.526965	0.149523	1
cg11232944	IGSF21	0.0612474	0.285981	0.638601	-1.56592	0.00316037	5.11559	5.11559	0.151167	1.86367	1.86367	0.741059	0.874404	-1.14364	0.211907	0.587306	-1.70269	0.972999	1.01379	1.01379	0.968381	0.984086	-1.01617	0.19241	0.572132	-1.74785	0.601471	0.807933	-1.23773	3.13269	8.12696	2.30599	1
cg05098037	RPTOR;RPTOR	0.0612475	0.867251	1.03468	1.03468	0.276764	0.794087	-1.25931	0.323115	1.23123	1.23123	0.592038	0.895608	-1.11656	0.0577956	0.645843	-1.54836	0.0166819	0.551215	-1.81418	0.447011	0.85388	-1.17113	0.867598	1.03459	1.03459	0.00628141	0.484033	-2.06597	3.13269	2.06104	0.58481	1
cg14417329	SLC16A3;SLC16A3	0.0612482	0.0508274	4.23801	4.23801	0.0109087	7.95739	7.95739	0.0501227	4.26193	4.26193	0.167295	2.59992	2.59992	0.0776467	3.5713	3.5713	0.362325	1.83625	1.83625	0.0285224	5.3517	5.3517	0.0509198	4.23491	4.23491	0.0392551	4.70319	4.70319	3.13268	20.9021	5.93092	1
cg24427947	PRND	0.0612488	0.0920624	0.574375	-1.74102	0.645309	0.870594	-1.14864	0.153159	0.632941	-1.57993	0.3773	1.31111	1.31111	0.00762047	0.358482	-2.78954	0.784508	1.08541	1.08541	0.31687	0.733902	-1.36258	0.0168646	0.418231	-2.39102	0.0897898	0.571684	-1.74922	3.13267	4.43553	1.25857	1
cg27153059	TMEM86A	0.0612494	0.313977	0.764762	-1.3076	0.764525	1.08044	1.08044	0.0136541	2.19378	2.19378	0.330827	1.29488	1.29488	0.23644	0.726518	-1.37643	0.10393	0.632606	-1.58076	0.0232346	0.497242	-2.01109	0.840832	0.949531	-1.05315	0.504103	1.19076	1.19076	3.13265	3.29081	0.933765	1
cg23236025	PSRC1;PSRC1;PSRC1;PSRC1	0.0612528	0.074858	1.70618	1.70618	0.442404	0.809849	-1.2348	0.5584	1.17277	1.17277	0.106587	1.60717	1.60717	0.0467329	0.541639	-1.84625	0.551558	1.17611	1.17611	0.0173982	0.458523	-2.18092	0.339227	0.767011	-1.30376	0.335671	1.30648	1.30648	3.13259	3.59754	1.02082	1
cg22068747	CYP4F22	0.061254	0.302924	1.95983	1.95983	0.0600308	3.8102	3.8102	0.14985	2.64714	2.64714	0.9776	0.982453	-1.01786	0.329213	0.529969	-1.8869	0.0740885	0.285058	-3.50806	0.019898	0.169961	-5.88369	0.13198	0.358744	-2.7875	0.478796	1.57461	1.57461	3.13256	19.725	5.59712	1
cg04944784	FAM59B	0.0612549	0.0999434	5.12541	5.12541	0.170031	3.76158	3.76158	0.544196	1.74451	1.74451	0.208189	3.32976	3.32976	0.284824	2.73775	2.73775	0.470916	1.94427	1.94427	0.0166556	14.1565	14.1565	0.00636814	25.0032	25.0032	0.0175467	13.7375	13.7375	3.13254	40.7719	11.5694	1
cg08457495	TBKBP1	0.0612553	0.425666	1.11266	1.11266	0.584478	0.930096	-1.07516	0.600239	1.07185	1.07185	0.927675	1.01199	1.01199	0.279897	0.862943	-1.15882	0.00414257	0.603855	-1.65603	0.300244	0.868604	-1.15127	0.0508064	1.3391	1.3391	0.260272	0.857195	-1.1666	3.13254	0.854341	0.242428	1
cg00703453	KCNG2	0.0612556	0.17705	1.42547	1.42547	0.885931	1.0361	1.0361	0.0356053	0.546435	-1.83004	0.319213	1.2896	1.2896	0.0260754	1.92011	1.92011	0.0611024	1.68445	1.68445	0.93494	0.98003	-1.02038	0.0720779	1.64218	1.64218	0.308666	0.770802	-1.29735	3.13253	3.02853	0.859377	1
cg24155748	POLR2J4	0.0612564	0.117498	0.851398	-1.17454	0.249475	0.892354	-1.12063	0.190801	1.14006	1.14006	0.114395	0.850027	-1.17643	0.0572011	1.22579	1.22579	0.127954	0.855796	-1.1685	0.0594553	1.22301	1.22301	0.108619	0.847386	-1.1801	0.754776	0.970786	-1.03009	3.13252	0.444221	0.126053	1
cg27156259	PXN;PXN;PXN	0.0612585	0.242353	0.792595	-1.26168	0.0411418	0.639163	-1.56455	0.022313	0.594404	-1.68236	0.559386	1.11867	1.11867	0.00598416	0.50535	-1.97883	0.92727	0.982806	-1.0175	0.963688	0.991389	-1.00869	0.197918	0.772196	-1.29501	0.118803	0.724963	-1.37938	3.13247	1.79037	0.508047	1
cg10095968	TRPM2	0.0612591	0.288156	0.347573	-2.8771	0.889792	0.875582	-1.1421	0.30627	0.362367	-2.75963	0.161519	0.238647	-4.19029	0.0123738	0.050584	-19.7691	0.0823816	0.15819	-6.3215	0.00588911	0.031639	-31.6065	0.175693	0.251609	-3.97443	0.0441427	0.109037	-9.17116	3.13246	45.5626	12.9292	1
cg10970484	C14orf180	0.061261	0.144629	0.691222	-1.44671	0.270319	0.762982	-1.31065	0.0294767	0.546479	-1.8299	0.973893	0.992317	-1.00774	0.0628335	0.610591	-1.63776	0.830908	1.05169	1.05169	0.0607578	0.607592	-1.64584	0.0251323	1.87344	1.87344	0.938454	0.981964	-1.01837	3.13242	2.75587	0.782035	1
cg04215850	PHACTR4	0.0612623	0.102231	1.22356	1.22356	0.0345652	1.32054	1.32054	0.988819	0.99842	-1.00158	0.821385	1.02584	1.02584	0.00402983	1.54623	1.54623	0.423499	1.09661	1.09661	0.14443	1.19348	1.19348	0.0297124	1.33467	1.33467	0.209624	1.16088	1.16088	3.1324	0.631442	0.179186	1
cg15021585	CRYL1	0.0612641	0.734576	0.883404	-1.13198	0.281593	0.663754	-1.50658	0.286848	0.666976	-1.49931	0.668774	1.16981	1.16981	0.657086	1.17684	1.17684	0.52143	1.26756	1.26756	0.0361381	2.48098	2.48098	0.0062607	0.258206	-3.87287	0.214041	1.61625	1.61625	3.37942	6.94567	1.59856	1
cg08096010	SAG;SAG	0.0612642	0.0876673	0.38626	-2.58893	0.502476	0.709339	-1.40976	0.0575701	0.338367	-2.95537	0.591012	0.760538	-1.31486	0.0179788	0.234424	-4.26578	0.0846884	0.382057	-2.61741	0.0047893	0.151187	-6.61431	0.397963	0.646163	-1.5476	0.0975518	0.399579	-2.50264	3.13236	12.6315	3.58451	1
cg02101486	DLX5	0.0612647	0.347143	0.706421	-1.41559	0.635491	0.842462	-1.187	0.331952	1.43239	1.43239	0.462281	0.764415	-1.30819	0.817353	1.0866	1.0866	0.942104	1.02642	1.02642	0.542616	0.801507	-1.24765	0.00155237	5.12194	5.12194	0.37292	1.38873	1.38873	3.13235	6.394	1.81447	1
cg12608775	TRIM66	0.0612655	0.65397	1.27265	1.27265	0.0554041	3.19073	3.19073	0.0559324	3.18069	3.18069	0.581075	0.742437	-1.34692	0.20371	0.48829	-2.04797	0.344205	0.594143	-1.6831	0.0492231	0.301344	-3.31846	0.150071	2.28066	2.28066	0.0635206	3.04908	3.04908	3.13233	14.1649	4.01969	1
cg10700570	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;FTSJ2;NUDT1;NUDT1	0.061266	0.0984959	0.837411	-1.19416	0.399567	0.919015	-1.08812	0.773143	1.02871	1.02871	0.0705154	0.820415	-1.2189	0.830125	1.02126	1.02126	0.352815	0.91062	-1.09815	0.0176282	0.753704	-1.32678	0.232086	1.13058	1.13058	0.0374421	1.26678	1.26678	3.13232	0.475765	0.135013	1
cg24188954	PABPC1L2B;PABPC1L2B	0.0612669	0.0632776	0.30114	-3.32071	0.463322	0.651203	-1.53562	0.423143	0.624948	-1.60013	0.77938	0.850982	-1.17511	0.0996474	0.354552	-2.82046	0.211346	0.46925	-2.13106	0.00453562	0.113861	-8.78263	0.1085	2.73457	2.73457	0.193558	0.453628	-2.20445	3.1323	16.3789	4.64802	1
cg21484228	TRIM71	0.061267	0.895427	1.02772	1.02772	0.493722	1.15549	1.15549	0.622712	1.10862	1.10862	0.568994	1.12715	1.12715	0.0114637	0.51801	-1.93047	0.152998	0.727442	-1.37468	0.0165349	0.54398	-1.8383	0.258243	1.278	1.278	0.306941	1.24598	1.24598	3.1323	2.14494	0.608693	1
cg18548208	EML5	0.0612681	0.202396	0.687512	-1.45452	0.0872662	1.69783	1.69783	0.183682	1.48137	1.48137	0.377807	1.28506	1.28506	0.0480491	0.528803	-1.89106	0.0139891	0.420325	-2.37911	0.825378	0.940806	-1.06292	0.165544	0.662068	-1.51042	0.343318	0.762815	-1.31093	3.37932	3.99325	0.919078	1
cg07509252	MVD	0.0612683	0.752737	1.11076	1.11076	0.0252248	2.42194	2.42194	0.549088	1.22324	1.22324	0.208491	1.55384	1.55384	0.00528914	0.294652	-3.39383	0.451654	0.775002	-1.29032	0.649597	1.1642	1.1642	0.595738	1.1948	1.1948	0.880772	0.951336	-1.05115	3.13228	5.48077	1.55535	1
cg14834257	S100A16	0.0612706	0.042301	1.64153	1.64153	0.471716	0.856304	-1.16781	0.147062	0.719111	-1.39061	0.44545	1.17918	1.17918	0.0147375	1.88898	1.88898	0.531984	1.14356	1.14356	0.0377264	1.66646	1.66646	0.357853	0.818429	-1.22185	0.588574	0.890721	-1.12269	3.13223	2.22759	0.632163	1
cg04600831	FBXL5;FBXL5	0.061273	0.754518	1.09433	1.09433	0.2875	1.37352	1.37352	0.456046	0.803989	-1.2438	0.793405	1.07835	1.07835	0.190895	0.671652	-1.48887	0.965141	0.987519	-1.01264	0.00214222	3.45303	3.45303	0.228797	1.4376	1.4376	0.399575	0.780491	-1.28125	3.13218	4.09714	1.16274	1
cg24484971	RD3;RD3	0.0612732	0.28517	0.77062	-1.29766	0.00544549	2.359	2.359	0.0168137	1.98328	1.98328	0.903203	1.02897	1.02897	0.590062	1.13616	1.13616	0.877449	0.964429	-1.03688	0.264481	1.31388	1.31388	0.400152	0.816974	-1.22403	0.666517	0.903247	-1.10712	3.13218	2.73287	0.775567	1
cg17927730	RNF2	0.0612736	0.921414	0.94509	-1.0581	0.291905	1.86986	1.86986	0.103709	2.76863	2.76863	0.157083	2.37752	2.37752	0.0287645	0.228539	-4.37563	0.470348	0.656838	-1.52244	0.0151386	0.181229	-5.51789	0.934301	0.95391	-1.04832	0.214145	0.473055	-2.11392	3.13217	16.2487	4.61127	1
cg09973102	C16orf7	0.0612829	0.222428	0.529262	-1.88942	0.0321105	0.287733	-3.47545	0.121246	0.434428	-2.30188	0.571223	0.752797	-1.32838	0.0116984	0.209463	-4.77411	0.264096	0.561219	-1.78184	0.0096502	0.196838	-5.08031	0.0962703	0.404029	-2.47507	0.0572944	0.343992	-2.90704	3.13198	12.2146	3.46663	1
cg06996555	PRKAG2	0.0612843	0.728221	0.931834	-1.07315	0.322616	0.813206	-1.2297	0.536685	1.13498	1.13498	0.934262	0.983443	-1.01684	0.00261282	0.43015	-2.32477	0.672298	1.08992	1.08992	0.0621658	1.52951	1.52951	0.498975	1.14901	1.14901	0.808835	0.952132	-1.05027	3.13195	2.03161	0.576598	1
cg18040974	SCUBE1	0.0612857	0.207415	0.225927	-4.4262	0.602635	1.79988	1.79988	0.546229	0.504946	-1.98041	0.315964	0.313453	-3.19027	0.0118816	0.0297899	-33.5684	0.104538	0.137335	-7.28144	0.00581977	0.0175787	-56.8871	0.216801	0.2336	-4.28082	0.076763	0.110535	-9.0469	3.13193	62.1035	17.6259	1
cg02434035	UNCX	0.0612858	0.04191	4.48147	4.48147	0.139609	2.76478	2.76478	0.0873407	3.34508	3.34508	0.0170497	6.42805	6.42805	0.707806	0.785946	-1.27235	0.789397	1.18679	1.18679	0.738002	0.806732	-1.23957	0.00875904	8.46609	8.46609	0.24804	2.16525	2.16525	3.13193	20.3001	5.76147	1
cg11519708	MAD1L1;MAD1L1;MAD1L1	0.0612866	0.414119	0.836451	-1.19553	0.0484906	0.617431	-1.61961	0.00274537	0.41307	-2.4209	0.759809	1.0678	1.0678	0.233246	0.765394	-1.30652	0.834095	1.04589	1.04589	0.212585	1.32424	1.32424	0.34063	0.810528	-1.23376	0.61747	0.897886	-1.11373	3.13191	2.26982	0.644213	1
cg04241582	MAT2B;MAT2B	0.0612876	0.00650822	0.411039	-2.43286	0.329032	1.28823	1.28823	0.134231	0.666295	-1.50084	0.160875	1.45723	1.45723	0.925008	1.02395	1.02395	0.224291	0.725467	-1.37842	0.174745	0.695656	-1.43749	0.0487898	0.567935	-1.76076	0.700932	0.907537	-1.10188	3.13189	3.13526	0.889847	1
cg05842113	GSDMB;GSDMB;GSDMB	0.0612877	0.187359	1.50049	1.50049	0.495081	0.817765	-1.22284	0.73935	1.10182	1.10182	0.0615816	0.542553	-1.84314	0.368858	1.30737	1.30737	0.127929	0.620059	-1.61275	0.415668	1.27328	1.27328	0.580291	1.17609	1.17609	0.00564542	0.34828	-2.87125	3.13189	4.18296	1.1872	1
cg07348009	PRDM16;FLJ42875;PRDM16;FLJ42875	0.0612895	0.0831086	0.650323	-1.5377	0.236478	1.32073	1.32073	0.972704	0.992356	-1.0077	0.6036	0.889161	-1.12466	0.970149	1.00843	1.00843	0.00213948	0.380119	-2.63076	0.128895	0.692102	-1.44487	0.376282	0.815766	-1.22584	0.782758	0.939895	-1.06395	3.13185	2.49473	0.708061	1
cg24314549	SLC43A2	0.06129	0.137192	0.735385	-1.35983	0.791821	0.950481	-1.0521	0.925394	1.01814	1.01814	0.114219	0.71902	-1.39078	0.0156519	0.566164	-1.76627	0.178142	0.759808	-1.31612	0.00548355	0.496035	-2.01599	0.0783236	0.686958	-1.45569	0.100343	0.707784	-1.41286	3.13184	1.82831	0.518917	1
cg10223234	RDBP;SKIV2L;MIR1236	0.0612904	0.0169503	0.371112	-2.6946	0.527696	0.804295	-1.24332	0.108642	0.551218	-1.81416	0.380287	0.736144	-1.35843	0.0139899	0.355941	-2.80945	0.196684	0.628376	-1.5914	0.623422	1.18347	1.18347	0.0164208	0.368569	-2.7132	0.0896037	0.528882	-1.89078	3.13183	5.7465	1.63099	1
cg01149712	TTC21B	0.0612908	0.0379956	0.553012	-1.80828	0.122735	0.662452	-1.50954	0.207223	0.720708	-1.38753	0.375274	1.25117	1.25117	0.031437	1.86159	1.86159	0.226652	0.731549	-1.36696	0.956954	0.986796	-1.01338	0.919567	0.975434	-1.02518	0.0288574	0.530152	-1.88625	3.13182	3.00771	0.853663	1
cg02078558	OSBPL6	0.0612925	0.0408147	0.299571	-3.33811	0.513121	1.40298	1.40298	0.711808	1.20857	1.20857	0.950051	1.0325	1.0325	0.0101311	0.190908	-5.23812	0.0867916	0.380742	-2.62645	0.0264563	0.260961	-3.83199	0.97891	1.01359	1.01359	0.107656	0.408068	-2.45057	3.13179	12.9275	3.6692	1
cg03629447	GPR120	0.0612926	0.125787	0.696551	-1.43564	0.779934	1.06305	1.06305	0.00210674	2.57004	2.57004	0.902364	0.973566	-1.02715	0.425346	0.837195	-1.19446	0.625958	0.898323	-1.11318	0.714855	1.08339	1.08339	0.195415	1.34838	1.34838	0.893642	1.02963	1.02963	3.13179	2.36334	0.670782	1
cg08710987	C7orf28A	0.0612929	0.0623964	0.343519	-2.91105	0.0194546	0.237149	-4.21675	0.0506555	0.321584	-3.1096	0.219699	0.518163	-1.9299	0.0394017	0.297011	-3.36687	0.0981779	0.396896	-2.51955	0.00880745	0.182837	-5.46935	0.187869	0.491181	-2.03591	0.105303	0.405944	-2.46339	3.13178	12.8724	3.65355	1
cg24590633	NSL1;TATDN3;TATDN3;TATDN3;TATDN3;NSL1;TATDN3	0.0612975	0.0981627	0.757016	-1.32098	0.371703	1.15113	1.15113	0.834337	0.968374	-1.03266	0.0113677	1.62622	1.62622	0.56904	1.09234	1.09234	0.0960639	0.755435	-1.32374	0.0844003	0.746067	-1.34036	0.526942	0.906312	-1.10337	0.193429	1.23513	1.23513	3.13169	1.16796	0.33151	1
cg20646544	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.0612993	0.429053	1.62074	1.62074	0.0419311	4.06439	4.06439	0.0746608	3.27957	3.27957	0.87604	0.910854	-1.09787	0.177762	0.424586	-2.35524	0.629423	0.747642	-1.33754	0.0401218	0.242039	-4.13156	0.030994	4.54838	4.54838	0.85025	1.11969	1.11969	3.13165	17.7452	5.0368	1
cg11961275	GPR148	0.0612997	0.0896527	1.75573	1.75573	0.00147729	3.97498	3.97498	0.115882	1.67214	1.67214	0.880934	1.04612	1.04612	0.224656	1.46769	1.46769	0.160632	1.56964	1.56964	0.976061	1.00907	1.00907	0.321485	1.36087	1.36087	0.694455	1.1261	1.1261	3.13164	4.48861	1.27405	1
cg07838681	HLA-L	0.0613008	?	?	?	0.125287	0.533123	-1.87574	0.507082	1.28737	1.28737	0.144613	1.80998	1.80998	0.0241339	0.355012	-2.81681	0.216599	0.612177	-1.63351	0.193185	1.68232	1.68232	0.0656228	2.19861	2.19861	0.290286	1.51186	1.51186	3.42063	6.61099	1.69109	1
cg14560430	TRIM71	0.0613023	0.571599	1.1317	1.1317	0.0135142	0.516016	-1.93792	0.225463	1.31719	1.31719	0.217823	1.32388	1.32388	0.168904	0.728164	-1.37332	0.0799466	0.656727	-1.5227	0.260324	0.775616	-1.2893	0.138977	0.708454	-1.41153	0.164694	1.37824	1.37824	3.13159	2.32304	0.659384	1
cg15618428	C6orf103	0.061303	0.0253479	0.524136	-1.9079	0.0714243	1.63114	1.63114	0.027533	1.88404	1.88404	0.728518	0.918805	-1.08837	0.671202	0.901433	-1.10934	0.733863	0.920411	-1.08647	0.805441	0.941789	-1.06181	0.410213	1.22711	1.22711	0.0415289	1.77036	1.77036	3.13158	2.92921	0.831446	1
cg06762426	INTS5	0.0613032	0.411268	1.77208	1.77208	0.598193	0.696174	-1.43642	0.0018609	0.0494504	-20.2223	0.320264	2.0125	2.0125	0.240601	2.30859	2.30859	0.686161	1.31868	1.31868	0.755058	0.808062	-1.23753	0.563291	1.48872	1.48872	0.558759	0.668546	-1.49578	3.13158	23.0002	6.52853	1
cg14633527	SHISA5	0.0613034	0.758598	1.07014	1.07014	0.0251041	0.556613	-1.79658	0.201613	1.34519	1.34519	0.477068	1.17232	1.17232	0.0661051	0.635502	-1.57356	0.721814	0.924395	-1.08179	0.516014	1.15583	1.15583	0.108274	0.680255	-1.47004	0.0301581	1.75181	1.75181	3.13157	2.39842	0.680785	1
cg10545691	WDR27	0.0613046	0.530798	1.16037	1.16037	0.0376031	0.568331	-1.75954	0.0393351	0.57207	-1.74804	0.462757	0.83937	-1.19137	0.0793447	1.57815	1.57815	0.690285	1.09837	1.09837	0.0233942	1.8861	1.8861	0.918168	0.976213	-1.02437	0.791861	1.06392	1.06392	3.13155	2.72178	0.772575	1
cg27654529	ZNF30;ZNF30;ZNF30;ZNF30	0.0613054	0.208283	0.754926	-1.32463	0.030113	0.582464	-1.71684	0.0059343	0.466469	-2.14377	0.184627	1.34742	1.34742	0.132343	0.708809	-1.41082	0.455113	1.17495	1.17495	0.404831	0.834747	-1.19797	0.368302	0.822153	-1.21632	0.959254	1.01089	1.01089	3.13153	2.22736	0.63224	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(1347T vs. N)	p-value(1347T vs. N)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. N)	Fold-Change(5 vs.537T)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	p-value(563T vs. N)	Fold-Change(5 vs.563T)	F(Error
cg10048212	UPI	0.0613965	0.141422	1.39772	1.36772	0.0306089	0.497462	-2.0102	0.996497	1.00087	0.807862	0.952923	-1.0494	0.160546	1.3456	1.3456	0.504304	1.1436	1.1436	0.0590904	1.52319	1.52319	0.8432201	0.961542	-1.04	0.2302107	0.779319	-1.28317	1.12971	1.94374	0.552055	1
cg14011415	KCNQ4;KCNQ4	0.0613969	0.642529	0.873395	-1.14496	0.34727	0.755582	-1.32348	0.96199	1.0139	1.1039	0.0283189	0.472507	-2.13167	0.970978	0.568595	0.75782		0.00334507	0.146328	-1.37836	0.884152	1.0433	1.04013	0.40223	1.2818	1.2818	0.877959	0.956475	-1.04551	1.3297	4.15692	1.18064	1
cg06994692	LOC389458 RUSC1;RUSC1;RUSC1;RUSC1;C1orf104;	0.0614014	0.726233	0.828627	-1.20682	0.0559797	0.314205	-3.18263	0.344623	0.594189	-1.68297	0.824733	1.12593	1.12593	0.00254756	0.106579	-9.38275		0.0821557	0.357052	-2.80071	0.078142	0.35112	-2.84803	0.117177	0.402485	-2.48456	0.586253	0.745357	-1.34164	1.29161	14.1743	4.02587	1
cg11503744	RUSC1	0.0614021	0.979316	0.996663	-1.00335	0.00633033	1.58137	1.58137	0.0962492	1.2655	1.2655	0.565883	1.07769	1.07769	0.0478502	1.12641	1.12641		0.255481	0.858091	-1.16538	0.315852	1.14304	1.14304	0.146405	1.2226	1.2226	0.0158437	1.46373	1.43573	1.32959	0.823799	0.233979	1
cg22678932	MIR1308;MIR301B	0.0614024	0.625301	0.910286	-1.09856	0.27689	1.24109	1.24109	0.386654	1.18469	1.18469	0.807144	1.04782	1.04782	0.0885532	0.70753	-1.41337		0.248027	0.779405	-1.2588	0.0031476	0.46264	-2.16151	0.301442	1.2268	1.2268	0.739419	1.06583	1.05583	1.80791	0.513496	1
cg11755803	TMEM132C	0.0614028	0.428787	0.844989	-1.18345	0.68021	0.917209	-1.09026	0.205114	0.756719	-1.32149	0.390214	1.20152	1.20152	0.533216	1.14064	1.14064		0.981676	0.995223	-1.0048	0.00417054	0.22672	2.22672	0.878246	0.968541	-1.03248	0.0453427	0.619591	-1.61397	1.12958	2.15497	0.612072	1
cg15536489	C7orf50;C7orf50;C7orf50	0.0614036	0.174105	0.759655	-1.31717	0.2789615	0.970435	-1.03047	0.204859	0.766098	-1.30394	0.0454505	0.643841	-1.55634	0.840963	0.96093	-1.04066		0.196516	1.11112	1.11112	0.7914493	0.939944	-1.07074	0.0132455	1.83855	1.83855	0.101749	1.42668	1.42668	1.31256	1.95031	0.553946	1
cg26180503	PTPN2;PTPN2;PTPN2	0.0614074	0.32718	1.21263	1.21263	0.0302684	0.625	1.625	0.167957	1.36975	1.36975	0.0700443	0.931146	1.07395	1.26156	1.26156	0.24996		0.429352	1.16622	1.16622	0.0416896	0.27887	2.27887	0.0253732	1.65954	1.65954	0.552694	1.12129	1.12129	1.52949	1.80064	0.511447	1
cg16176834	MAN1C1	0.0614087	0.408605	1.12306	1.12306	0.73465	0.95436	-1.04782	0.0245721	0.692335	-1.44439	0.0669828	1.32571	1.32571	0.0118768	0.64972	-1.53913		0.475922	1.10466	1.10466	0.958928	1.0071	1.0071	0.175125	0.820364	-1.21897	0.96625	0.994207	-1.00583	1.03946	0.9345518	0.265439	1
cg06059449	ARHGEF17	0.0614097	0.0163172	1.39772	1.39772	0.0306089	0.163178	1.58283	0.0122975	1.58283	1.58283	0.0122975	0.8606568	1.15937	0.299076	0.8606568	-1.16212		0.606821	0.946591	-1.0564	0.3073397	0.534937	-1.86938	0.0872255	1.17756	1.17756	0.0488499	0.491628	2.02582	1.12946	4.88572	1.38813	1
cg20274006	LOC286135 TRIM13;TRIM13;TRIM13;TRIM13;TRIM	0.0614091	0.0947061	0.526224	-1.90033	0.722226	0.882709	-1.13288	0.0684709	0.490175	-2.04009	0.952452	0.979371	-1.02106	0.00833752	0.307715	3.24976		0.108777	0.542568	-1.84309	0.111973	1.83129	1.83129	0.522824	1.25407	1.25407	0.148524	0.581752	-1.71895	1.32945	0.6566	1.72032	1
cg04603834	13;DLEU2	0.0614094	0.614502	0.878536	-1.13826	0.208583	0.713173	-1.40218	0.492004	0.83698	-1.19477	0.0649815	0.58955	-1.69621	0.00345071	0.36326	-2.75285		0.36024	1.27106	1.27106	0.663666	0.894429	-1.11803	0.189201	1.4257	1.4257	0.578191	1.15399	1.15399	1.52945	3.22269	0.915374	1
cg19761110	AGAP1;AGAP1	0.0614096	0.0681174	3.42259	3.42259	0.00736151	8.00712	8.00712	0.173152	2.39411	2.39411	0.219815	2.17514	2.17514	0.439266	1.6082	1.6082		0.296369	1.91963	1.91963	0.0173692	5.72407	5.72407	0.0254458	5.0184	5.0184	0.0755135	3.2926	3.2926	1.12944	17.9795	5.1069	1
cg00371593	PAH8	0.0614097	0.637679	0.901553	-1.10939	0.172647	1.37276	1.37276	0.615324	1.05165	1.05165	0.0115731	0.974209	0.992562	-1.00703	0.624263	1.53615		0.00558065	0.451502	-2.21433	0.586665	0.886986	-1.12741	0.84177	1.04663	1.04663	0.177333	0.731089	-1.36782	1.12944	2.35451	0.674873	1
cg24533904	C1orf21	0.0614111	0.0243091	0.236437	-4.22946	0.01595	0.204896	-4.88052	0.0252898	0.23961	-4.17345	0.0479618	0.296846	-3.36875	0.0681841	0.333845	-2.9954		0.0649159	0.328405	-3.04502	0.0760116	0.346225	-2.88829	0.157199	0.443683	-2.25386	0.106716	0.38824	-2.57573	1.12941	14.3027	4.06257	1
cg01007930	PSMA8;PSMA8;PSMA8	0.0614122	0.166369	1.27394	1.27394	0.2370866	1.12682	1.12682	0.694671	0.937279	-1.06692	0.2891115	0.834825	-1.19786	0.656701	1.08893	1.08893		0.648452	1.07822	1.07822	0.0041848	1.87648	1.87648	0.28698	1.19889	1.19889	0.0204793	1.58112	1.58112	1.12939	1.13408	0.378939	1
cg17594351	MYF6	0.0614122	0.26393	2.0966	2.0966	0.388991	1.25304	1.25304	0.480043	0.908458	-1.10077	0.781635	1.19321	1.19321	0.515108	0.667231	-1.50004		0.397129	0.79693	1.74693	0.00178119	0.559157	-1.78965	0.0175994	1.94121	1.94121	0.139239	2.81011	2.81011	1.56897	5	1
cg04407063	ADRBK1	0.0614131	0.0746758	0.607678	-1.64561	0.683948	0.902419	-1.10813	0.770618	0.929281	-1.0761	0.453928	0.825822	-1.21091	0.01078	0.447719	-2.23354		0.0635304	0.592516	-1.68772	0.335025	1.28327	1.28327	0.221226	1.3807	1.3807	0.0327855	0.534447	-1.87109	1.02937	3.11923	0.886007	1
cg08507196	PIM3	0.0614142	0.0301154	0.405585	-2.00915	0.0899494	0.554407	-1.80373	0.161054	0.627932	-1.59253	0.190209	0.646099	-1.5197	0.115305	0.572104	-1.74806		0.168147	0.633463	-1.57861	0.0425096	0.314149	-3.18083	0.0237884	1.42279	-2.31332	0.173767	0.637731	-1.56806	1.03195	4.78893	1.36029	1
cg05389884	EVSL	0.0614167	0.035073	0.798655	-1.2521	0.343188	1.09353	1.09353	0.0504044	1.22168	1.22168	0.0753495	0.834194	-1.19876	0.240962	0.893688	-1.11896		0.283821	1.10733	1.10733	0.121185	1.16634	1.16634	0.482577	1.06753	1.06753	0.147766	1.1528	1.1528	1.3293	0.415517	0.118029	1
cg02630122	RANBP1;TRMT2A;TRMT2A;TRMT2A	0.0614199	0.511662	1.2092	1.2092	0.158653	1.1257	1.1257	0.0861611	1.18161	1.18161	0.0855306	1.13385	1.13385	0.0126841	1.41403	1.41403		0.447354	1.10773	1.10773	0.0102864	1.17256	1.17256	0.894037	-1.1174	1.01708	1.21282	1.21282	0.0250204	0.8650916	0.4247516	1	
cg01056174	ANAPC1;ANAPC1	0.0614199	0.0121868	0.228239	-4.38138	0.930559	0.962812	-1.03862	0.251888	1.69676	1.69676	0.0875953	0.427278	-2.34039	?	?	?		?	?	?	0.912502	0.953328	-1.04896	0.07861	2.41802	2.41802	0.41106	1.44543	1.44543	3.82516	8.4828	1.90083	1
cg21817737	NAALAD2	0.0614221	0.0607552	0.266146	-3.75794	0.387918	0.574586	-1.74038	0.360279	0.55493	-1.80203	0.0370095	0.55634	-1.79642	0.0654003	0.273894	-3.65104		0.0556398	0.257191	-3.88816	0.0341658	0.212742	-4.70053	0.2393831	0.46271	-2.16118	0.230657	0.455038	-2.19762	1.12921	19.4309	5.51955	1
cg11388859	TSNARE1	0.0614233	0.295029	0.691707	-1.4457	0.27001	0.676047	-1.4811	0.0806302	0.818341	-1.34326	0.559265	0.818386	-1.22192	0.0977772	0.379703	-2.63505		0.724193	0.886701	-1.12778	0.0690882	1.99082	1.99082	0.940472	1.02567	1.02567	0.967653	0.986331	-1.01386	1.03217	5.29917	1.62178	1
cg10960946	UBE2L;UBE2L;UBE2L;UBE2L;UBE2	0.0614239	0.150551	0.852299	-1.1733	0.431692	0.920135	-1.0868	0.0204545	1.33604	1.33604	0.182584	1.15802	1.15802	0.0649934	1.23976	1.23976		0.996295	1.00048	1.00048	0.894432	0.986324	-1.01387	0.398062	0.914164	-1.0939	0.0207431	1.33481	1.33481	1.32916	0.5331146	0.151449	1
cg00496004	ST14	0.0614251	0.250257	1.49294	1.49294	0.2026867	1.22771	1.22771	0.0646888	1.05609	1.05609	0.896066	1.12933	1.12933	0.0154955	0.814098	-1.22932		0.914293	0.967196	-1.03392	0.6354984	1.14415	1.14415	0.129313	1.6228	1.6228	0.0958607	1.07703	1.07703	1.02813	4.75684	1.35127	1
cg01005181	PAPOLG	0.0614265	0.0103294	0.781205	-1.28007	0.408672	0.91746	-1.06671	0.295852	1.08637	1.08637	0.771138	0.977956	-1.02254	0.390717	0.934999	1.06952		0.0637093	0.17269	-5.79024	0.0057564	0.957324	0.995722	-1.04414	0.310657	0.922963	-1.08347	1.12911	1.12911	0.289426	0.0822174	1
cg15129777	EIF3F	0.0614264	0.81088	0.969475	-1.03149	0.0119841	1.49983	1.49983	0.862928	1.0226	1.0226	0.915123	0.986308	-1.01388	0.246643	1.16961	1.16961		0.166601	1.21012	1.21012	0.0257135	0.709927	-1.40859	0.184991	0.833773	-1.19937	0.280048	0.864838	-1.15629	1.12911	0.8287652	0.235427	1
cg23134594	TP73;TP73;TP73;TP73	0.0614268	0.0266458	0.636257	-1.57138	0.2800448	0.549742	-1.81907	0.161054	0.629932	-1.58753	0.190209	0.646099	-1.5197	0.115305	0.572104	-1.74806		0.130453	0.539876	-1.85202	0.0113455	0.153304	-6.52143	0.0171207	1.35483	-1.47918	0.488013	0.766529	-1.30458	1.1491	1.50124	0.200521	1
cg18510064	PAK3;PAK3;PAK3	0.0614268	0.0626569	0.78672	0.787314	0.373642	1.57362	1.57362	0.38016	2.27715	2.27715	0.960773	1.04599	1.04599	0.674598	1.47108	1.47108		0.0214838	12.4907	12.4907	0.00630177	25.8518	25.8518	0.0245646	11.0835	11.0835	0.116108	4.76387	4.76387	1.1291	41.4117	11.7639	1
cg12595013	ZIC1	0.0614271	0.804783	1.07205	1.07205	0.758653	1.1257	1.1257	0.0861611	1.18161	1.18161	0.0855306	1.13385	1.13385	0.0126841	1.41403	1.41403		0.447354	1.10773	1.10773	0.0102864	1.17256	1.17256	0.894037	-1.1174	1.01708	1.21282	1.21282	0.0250204	0.8650916	0.4247516	1	
cg16624482	UMOD1;UMOD1	0.0614277	0.164231	0.491813	-2.03329	0.768224	1.15177	1.15177	0.471354	0.704455	-1.41954	0.382015	0.651365	-1.53524	0.00160626	0.114932	8.70082		0.115743	0.441536	-2.26482	0.321745	0.612956	-1.63144	0.643616	0.800304	-1.24953	0.0625761	0.367131	-2.72382	1.12908	11.3301	3.21857	1
cg22124491	LOC285830;LOC285830	0.0614298	0.120378	1.35836	1.35836	0.237639	0.798596	-1.2522	0.180502	0.772185	-1.29503	0.38732	1.1748	1.1748	0.211689	0.787263	-1.27002		0.465397	1.14425	1.14425	0.0492619	0.66497	-1.50383	0.0156644	1.71384	1.71384	0.461594	0.872618	-1.14598	1.12904	1.63792	0.465295	1
cg09002054	CLDN5;CLDN5	0.0614307	0.0463614	0.709187	-1.40965	0.707798	0.82151	-1.21653	0.0136597	0.74784	0.74784	0.11528	0.936096	1.06798	0.0244504	0.553672	1.80656		0.0649825	0.18925	-5.28351	0.0208109	0.51974	0.0696005	0.261331	0.20356	1.20902	0.0100515	0.0696005	0.36556	0.0822978	0.2873959	1	
cg07227547	RNUSE;RNUSD;CKMT2;CKMT2;CKMT2	0.0614314	0.187199	1.94622	1.94622	0.0308459	0.34586	0.34586	0.239441	1.78822	1.78822	0.0493286	2.91143	2.91143	0.858592	0.918558	-1.08866		0.13677	2.14583	2.14583	0.0332939	3.27083	3.27083	0.00786875	5.07442	5.07442	0.0723942	2.59869	2.59869	1.29001	11.2443	3.19427	1
cg26389958	ADPRHL1;ADPRHL1	0.061435	0.167666	0.697157	-1.4344	0.231149	0.734783	-1.36084	0.183108	0.707155	-1.41412	0.98878	0.996587	-1.00343	0.990936	0.970832	-1.03004		0.711458	1.09542	1.09542	0.103891	0.646488	-1.54682	0.572643	0.869497	-1.15009	0.00149836	0.3254411	0.373034	1.12893	2.98185	0.847105	1
cg19508437	NBEA	0.0614378	0.260124	0.756722	-1.32149	0.294596	1.47517	1.47517	0.0115851	2.11507	2.11507	0.583191	1.14055	1.14055	0.522966	1.16607	1.16607		0.176068	1.40688	1.40688	0.0280297	0.540157	-1.85131	0.801169	0.941873	-1.06171	0.264938	1.31749	1.31749	1.12888	2.79088	0.792667	1
cg00144135	ZNF718	0.0614444	0.402153	1.14744	1.14744	0.0952222	0.70954	-1.40931	0.0131525	1.37924	1.37924	0.0275954	0.635122	1.40568	0.0125755	0.644384	1.55209		0.257194	0.436099	-2.29355	0.0221503	0.207371	4.82269	0.0118188	0.20761	4.81488	0.0118188	3.81843	3.81843	0.160207	2.91188	0.914383	1
cg14597504	MAD1L1;MAD1L1;MAD1L1	0.0614406	0.902075	1.00123	1.00123	0.0966861	1.25247	1.25247	0.35862	0.889371	-1.12439	0.114653	0.809079	-1.23597	0.700344	1.0489	1.0489		0.179015	1.19271	1.19271	0.0064265	1.54897	1.54897	0.150273	0.826658	-1.20969	0.727488	1.04413	1.04413	1.12882	0.755164	0.21454	1
cg07774045	NT5DC2;NT5DC2	0.0614414	0.517731	1.14744	1.14744	0.0952222	0.70954	-1.40931	0.0131525	1.37924	1.37924	0.0275954	0.635122	1.40568	0.0125755	0.644384	1.55209		0.782522	1.07406	1.07406	0.2316117	1.37563	1.37563	0.0123015	1.46661	1.46661	0.0997217	1.15291	1.15291	1.02813	0.8554165	0.249317	1
cg07561338	RBPMS;RBPMS;RBPMS;RBPMS	0.0614428	0.462603	1.21103	1.21103	0.858254	1.04684	1.04684	0.116489	0.646134	-1.54767	0.00899464	2.34089	2.34089	0.089991	0.619703	-1.61368		0.067854	1.68829	1.68829	0.457983	1.21352	1.21352	0.695503	1.10597	1.10597	0.139495	1.50259	1.50259	1.02878	3.2491	0.923071	1
cg05866564	GORASP2	0.0614464	0.427339	1.32948	1.32948	0.329327	0.970586	-1.02713	0.886741	1.04469	1.04469	0.755671	0.910175	-1.09858	0.0216567	0.674507	1.48303		0.851727	0.945142	-1.05804	0.0504266	0.965583	1.03562	0.872342	-1.14702	0.464375	2.15331	0.0118188	0.20761	4.81488	0.0118188	3.81843	3.81843	0.160207	2.91188	0.914383	1
cg08184803	SRSF8	0.0614465	0.0108174	0.385585	-2.59346	0.0898915	1.14767	1.14767	0.167831	1.49405	1.49405	0.0424901	0.786502	-1.27145	0.0173725	0.472672	2.11563		0.0363732	1.46588	1.46588	0.550147	1.09971	1.09971	0.0394941	1.45413	1.45413	0.200811	1.23666	1.23666	1.1287	1.12467	0.34794	1
cg04867732	ITGA2	0.0614469	0.580616	0.916009	-1.09169	0.126996	1.29625	1.29625	0.420579	0.878658	-1.1381	0.0229814	0.652089	-1.53353	0.894919	1.02099	1.02099		0.0363732	1.46588	1.46588	0.550147	1.09971	1.09971	0.0394941	1.45413	1.45413	0.200811	1.23666	1.23666	1.1287	1.12467	0.34794	1
cg04786732	ASB18	0.0614487	0.0118469	0.407393	-2.45397	0.0509448	0.549744	-1.81907	0.0503007	0.539396	-1.85393	0.0821189	0.399175	-2.50516	0.0122183	0.599341	-1.66824		0.130453	0.539876	-1.85202	0.0113455	0.153304	-6.52143	0.0171207	1.35483	-1.47918	0.488013	0.766529	-1.30458	1.1491	1.50124	0.200521	1
cg25348414	MIER2	0.0614504	0.684561	0.809893	-1.23473	0.0765237	0.76531	-1.76531	0.116383	2.4129	2.4129	0.863926	1.09259	1.09259	0.380919	0.628783	1.59037		0.12612	2.425555	2.34987	0.054521	0.306692	3.260691	0.0096973	0.143053	5.40353	0.952593	0.969773	-1.03117	1.12863	13.2059	3.752	1
cg18355120	OCA2	0.0614507	0.804955	0.880809	-1.11358	0.413506	1.41843	1.41843	0.39917	0.848497	-1.46013	0.334728	0.648869	-1.54114	0.948454	1.04964	1.04964		0.400131	1.45421	1.45421	0.125494	0.20628	4.84849	0.0116246	1.33864	1.33864	0.00362296	0.180552	-5.53858	1.12862	0.36622	2.64038	1
cg20465219	PSMA5	0.0614561	0.987484	0.997043	-1.00208	0.3868	1.12949	1.12949	0.0354085	1.3792	1.3792	0.224125	0.845677	-1.18248	0.2173391	0.8443184	-1.1857		0.711332	1.05	1.05	0.649758	0.84176	-1.06184	0.00928575	1.54222	1.54222	0.0595506	1.32195	1.32195	1.12861	0.853635	0.2425131	1
cg22142329	COL6A3;COL6A3;COL6A3	0.0614513	0.228881	0.712575	-1.40336	0.494187	1.20669	1.20669	0.115847	0.632128	-1.58196	0.883175	0.961375	-1.04018	0.0855085	0.406495	-2.46005		0.0950824	1.63592	1.63592	0.575716	0.8959215	-1.16385	0.0672032	1.73408	1.73408	0.880926	0.960573	-1.04105	1.02861	3.56843	1.01385	1
cg01139696	GNA12	0.0614516	0.0700492	0.672987	-1.48607	0.0706679	0.16557	-2.18057	0.0179758	0.482255	-2.0204	0.679781	0.899252	-1.1204	0.464008	0.743558	-1.34526		0.782522	1.07406	1.07406	0.2316117	1.37563	1.37563	0.0123015	1.46661	1.46661	0.0997217	1.15291	1.15291	1.02813	0.8554165	0.249317	1
cg21729244	ZNF449	0.0614522	0.592967	0.775727	-1.28911	0.0667398	0.380034	-2.63134	0.635899	0.79894	-1.25166	0.0479211	0.344941	-2.89905	0.00346278	0.154435	6.4752		0.660447	1.23129	1.23129	0.40819	1.4891	1.4891	0.58784	1.29376	1.29376	0.926856	1.04416	1.04416	1.12859	10.9767	3.31868	1
cg16527477	MPP7	0.0614559	0.0270906	0.215105	-4.64903	0.0529601	0.170042	-5.8809	0.0563	0.175325	-5.70368	0.146516	0.284588	-3.51385	0.0156311	0.091851	-10.8872		0.0414213	0.70938	-1.40983	0.0251358	0.116998	-8.54713	0.0988453	0.232284	-4.30507	0.444629	0.533793	-1.87338	1.12852	32.1536	9.31962	1
cg05881762	UBE3A	0.0614566	0.210339	0.684816	-1.46025	0.176058	0.661929	-1.51074	0.0629477	0.548798	-1.82216	0.483143	1.22681	1.22681	0.100234	0.59659	-1.67619		0.775175	0.921149	1.0856	0.0033412	0.311906	-3.20609	0.106237	0.602914	-1.65861	0.141812	0.635684	-1.57311	1.12852	4.07619	1.15815	1
cg12985245	SPO11;SPO11	0.0614561	0.181639	1.6549	1.6549	0.00708495	3.44243	3.44243	0.185581	1.64657	1.64657	0.571575	1.2252	1.2252	0.0408979	2.31264	2.31264		0.144074	1.74638	1.74638	0.00968937	3.19866	3.19866	0.0925221	1.93038	1.93038	0.585616	1.21603	1.21603	1.12851	6.25396	1.77691	1
cg10745575	MEST;MEST;MEST;MEST;MEST1	0.0614564	0.0189843	0.74166	0.74166	0.173384	0.797792	-1.10015	0.257504	0.858394	-1.23702	0.00454445	0.474946	-2.10526	0.0076435	0.408136	2.44937		0.58435	1.11494	1.11494	0.4844661	0.744388	-1.34317	0.0742436	0.99368	-1.00638	0.311319	0.651092	-1.53562	1.12851	2.19186	0.646052	1
cg04013090	RRS1;RRS1	0.0614582	0.0293645	0.301046	-3.32175	0.00983097	0.217267	-4.60262	0.200515	0.531238	-1.8824	0.288011	0.596877	-1.67539	0.0224945	0.279413	-3.59179		0.518838	0.736415	-1.35793	0.026709	0.292813	-3.41515	0.0718564	0.390589	-2.56023	0.146007	0.482445	-2.07278	1.12847	0.340783	3.081	1
cg23387193	KCNN1	0.0614584	0.0149446	0.47786	-2.09275	0.0396825	0.28126	-3.55674	0.0622866	0.381206	-2.62402	0.0213683	0.288284	-3.47013	0.0204582	0.232781	-4.29577		0.089407	0.568188	-1.75997	0.0107243	0.0957753	-10.4425	0.0124557	0.247552	-4.04127	0.0178442	0.307753	-3.24911	1.12847	0.2727452	0.0775317	1
cg24065722	HERC3;NAP1L5	0.0614598	0.687994	0.947835	-1.05504	0.32131	0.87048	-1.14879	0.178678	0.827276	-1.20879	0.170999	1.21344	1.21344	0.382431	1.12623	1.12623		0.0399119	0.729646	-1.37053	0.538813	1.08609	1.08609	0.0840602	0.775938	-1.28876	0.00899467	0.6435151	1.55397	1.12844	0.872671	0.247954	1
cg19638292	ASB10;ASB10;ASB10	0.0614626	0.0848991	0.299021	-3.34426	0.835837	0.876799	-1.14051	0.507203	0.652896	-1.53164	0.130252	0.355038	-2.8166	0.0143001	0.147486	-6.78029		0.0588564	0.258716	-3.86524	0.0230885	0.178803	-5.59274	0.0119707	0.13716	-7.29077	0.229589	0.449876	-2.22283	1.12838	19.8923	5.55215	1
cg04825262	NAE1;NAE1;NAE1	0.0614634	0.148494	0.683274	-1.46372	0.0222219	1.16578	1.16578	0.0613581	1.41725	1.41425	0.138554	1.78474	-1.27435	0.0898552	1.11204	1.46408		0.0382366	0.554721	-1.8037	0.0540054	0.594203	-1.68317	0.171735	1.17395	1.17395	0.774262	0.931771	-1.07322	1.12834	2.29021	0.85021	1
cg23285393	GREB1	0.061465	0.02361	0.403106	-2.48074	0.828733	0.929763	-1.07554	0.671484	0.866404	-1.1542	0.128244	1.73797	1.73797	0.536502	0.810257	-1.23418		0.317049	0.706318	-1.41579	0.0660771	0.29914	-3.34292	0.2209555	0.648862	-1.54116	0.105729	0.552098	-1.81127	1.12833	5.59866	1.59081	1
cg23272189	CLSTN1;CLSTN1;CLSTN1;CLSTN1	0.0614645	0.430455	1.64759	1.64759	0.688024	1.28385	1.28385	0.0936295	1.88389	1.88389	0.878756

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg21656578	BAT4;BAT4;CSNK2B	0.0615277	0.182217
cg26505596	AGER;AGER	0.061528	0.681446
cg23679798	ZNF444	0.0615287	0.0387305
cg09993945	CCAR1	0.0615288	0.0678841
cg06889971	LOC728723;ZBED3	0.0615305	0.131647
cg26000807	MYO3B;MYO3B;MYO3B	0.0615305	0.23717
cg00804587	CLDN1	0.0615308	0.10973
cg00016996	RER1	0.0615313	0.799932
cg11926150	EGFL6;EGFL6	0.0615319	0.0505108
cg16556936	GANC;TMEM87A;TMEM87A	0.0615328	0.0415533
cg08986516	RNF146	0.0615345	0.0516199
cg27065415	VARS;VARS	0.0615346	0.622537
cg01977079	PLEKHA7	0.061535	0.196127
cg06625838	CCNG1;CCNG1	0.0615356	0.624996
cg20741169	HOXA9	0.0615359	0.0558737
cg02022375	KRTAP1-1	0.061538	0.0301454
cg08253405	AKNAD1	0.0615381	0.0142329
cg15454357	PORCN;PORCN;PORCN;PORCN;PORCN	0.0615386	0.111707
cg13668826	SLC7A3;SLC7A3	0.0615432	0.161183
cg04924962	BCOR;BCOR;BCOR;BCOR	0.0615435	0.310543
cg10802132	ZNF354C	0.0615435	0.786253
cg22235873	FLI1	0.0615436	0.671615
cg23763424	DLX2	0.0615439	0.287399
cg11002923	CCDC36;CCDC36	0.0615443	0.192162
cg01956147	GEN1;SMC6;SMC6;GEN1	0.0615444	0.746818
cg01418817	AJAP1	0.0615447	0.10841
cg06640607	FBXO31;FBXO31	0.0615452	0.47526
cg17933107	CGREF1;CGREF1;CGREF1;CGREF1	0.0615458	0.171633
cg17431922	AKR7L;AKR7L	0.061546	0.0961183
cg22160329	LNP1;LNP1;TOMM70A	0.0615472	0.772007
cg03560996	C6orf27	0.0615477	0.619837
cg01013732	SLC35C2;SLC35C2;SLC35C2	0.0615477	0.326649
cg27443052	YY2;MBTPS2	0.0615496	0.659049
cg21965516	ARL2	0.061551	0.195416
cg05519431	PTPN13;PTPN13;PTPN13;PTPN13;PTPN13;PTPN13;PTPN13;PTPN13	0.0615512	0.920885
cg13367272	SRRM3	0.0615528	0.313869
cg16681199	COL9A1;COL9A1	0.0615528	0.0663493
cg19593600	HBS1L;HBS1L;HBS1L	0.0615539	0.0467005
cg25452503	FAM126A	0.0615542	0.0217731
cg04485988	FAM46C	0.0615546	0.693114
cg26617787	GRAMD1B	0.0615554	0.148142
cg12147799	HKR1	0.0615578	0.550197
cg00710366	SPTBN1	0.0615602	0.0189635
cg04633058	LRRC59	0.061562	0.0735896
cg07264904	MCF2L;MCF2L;MCF2L	0.0615626	0.0347475
cg16404145	FOXO3;FOXO3	0.061564	0.239154
cg04887836	ARHGEF10	0.0615641	0.00869258
cg17143606	TMEM37	0.0615649	0.686851
cg26059839	PRKCZ	0.0615663	0.11136
cg11945167	CSMD1	0.0615677	0.128099
cg08827144	PTPRN2;PTPRN2;PTPRN2	0.0615701	0.0291968
cg01177796	RPS27A;C2orf63;RPS27A;C2orf63	0.0615715	0.653522
cg00679546	MRC2	0.0615716	0.947194
cg27559462	UBE2A;UBE2A	0.0615724	0.190832
cg07636761	USP7	0.061577	0.17188
cg11915997	TRAPPC5;TRAPPC5;TRAPPC5	0.0615773	0.562687
cg06258461	TBC1D3C	0.0615807	0.517725
cg25135143	MIR2110;C10orf118	0.0615824	0.541292
cg20164915	BOLA1;BOLA1	0.0615831	0.655233
cg18612714	ZNF709;ZNF709	0.061587	0.831527
cg24684033	PUM2	0.0615881	0.94621
cg26083836	BAT3;BAT3;BAT3;BAT3	0.0615896	0.288165
cg25312546	FSD1	0.0615907	0.738989
cg13508391	TEAD4;TEAD4;TEAD4	0.0615919	0.245325
cg09761975	SLC39A7;RXRB;SLC39A7	0.0615922	0.635649
cg04658591	MXI1;MXI1	0.0615928	0.666378
cg12123567	CASKIN2;CASKIN2	0.0615945	0.72598
cg23804666	GLYATL1	0.0615959	0.0401738
cg02506716	SEPT10;SEPT10	0.061596	0.0705741
cg05372260	SMCHD1	0.0615964	0.821539
cg01659459	PPP2R5C;PPP2R5C	0.0615964	0.176151
cg10520072	STRN3;AP4S1;STRN3;AP4S1	0.0615977	0.967936
cg01943478	ATF2;MIR933	0.061598	0.110335
cg02344868	NCCRP1	0.0615984	0.0741787
cg23060735	ARSA;ARSA;ARSA;ARSA;ARSA	0.0616003	0.914828
cg18795368	RASA3	0.0616006	0.0301205
cg04497116	GMDS	0.0616008	0.0318924
cg01080986	GALNT2	0.0616032	0.334468
cg01728482	TCF7L1	0.0616037	0.0571056
cg13263087	MAP3K9	0.0616038	0.468796
cg06907842	SETBP1;SETBP1	0.0616038	0.220079
cg19509829	ATP2A2;ATP2A2;ATP2A2	0.0616041	0.191225
cg06279414	TRIP11;TRIP11	0.0616047	0.0997251
cg04829485	ASPG	0.0616051	0.0359058
cg20960642	KRTAP17-1	0.0616063	0.0996975
cg04837101	MAT2A	0.0616069	0.025968
cg23861715	CDC14B;CDC14B	0.0616073	0.622959
cg19465374	AZGP1	0.0616085	0.0827577
cg06939920	TUBB1	0.0616087	0.627854
cg05112070	DLG5	0.0616088	0.0328332
cg12409083	TNXB	0.0616098	0.115411
cg03513893	EIF4G1;EIF4G1;EIF4G1;EIF4G1;FAM131A;EIF4G1	0.061611	0.357826
cg21436120	PBX1	0.0616151	0.0495817
cg09162315	SCMH1	0.0616152	0.443925
cg16125375	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2E	0.0616166	0.0548631
cg22402007	NTRK2;NTRK2	0.0616171	0.101856
cg01598007	DUSP27	0.0616172	0.711454
cg08084218	HS1BP3	0.0616184	0.943331
cg16376036	PAFAH1B2;PAFAH1B2	0.0616198	0.999718
cg04777103	MCTS1;MCTS1	0.0616205	0.0866944
cg10145449	SPATC1;SPATC1	0.0616207	0.152751
cg07762003	FLJ43860	0.0616222	0.24795
cg18095506	DZIP1L	0.0616222	0.398236
cg15146906	SRBD1	0.0616224	0.897593
cg03467725	C16orf73;C16orf73	0.061623	0.152622
cg03258727	ANKRD11	0.0616249	0.066139
cg18714586	KATNAL1;KATNAL1	0.0616254	0.656831
cg11620689	ALCAM	0.0616259	0.114257
cg20716064	USP6NL	0.0616263	0.151628
cg26142044	PDE6A	0.0616264	0.24582
cg13139203	C11orf84	0.0616264	0.904136
cg25580342	HS3ST3B1;HS3ST3B1	0.0616274	0.771559
cg11006622	TRIAP1;GATC	0.0616297	0.0327835
cg20162240	PTPRE	0.06163	0.452902
cg24795958	ACTC1	0.0616301	0.301827
cg14403398	ATPAF2;C17orf39	0.0616314	0.766973
cg13880786	C12orf52;DDX54;DDX54	0.0616343	0.0436368
cg14033806	LRRC4C	0.0616359	0.863238
cg10742060	BSN	0.061636	0.648011
cg03888992	CIT	0.0616361	0.0156028
cg11117908	FAM190A	0.0616363	0.331509
cg17504397	TOP2A	0.0616406	0.152441
cg09876845	TBRG1;TBRG1	0.0616419	0.16074
cg25485875	NKX6-2	0.0616424	0.256587
cg24196053	TACC3	0.0616447	0.957203
cg15347627	C4orf10;NOP14	0.0616448	0.220523
cg12643458	ODZ4	0.0616452	0.264498
cg13872238	ADAMTSL2;ADAMTSL2	0.0616484	0.307691
cg27090975	AKAP8L	0.0616489	0.241979
cg08818130	ZNF654;ZNF654	0.0616493	0.308245
cg08604097	NXPH1	0.0616497	0.0301456
cg14425045	PHF19	0.0616507	0.866654
cg17808011	SRCIN1	0.0616513	0.918674
cg05071823	DOCK11	0.0616515	0.295314
cg26298387	IGSF8	0.0616523	0.363538
cg23967616	MPV17	0.0616553	0.152235
cg10183885	SLC16A3;SLC16A3	0.0616587	0.192753
cg04853251	UNC84A;UNC84A	0.0616592	0.192893

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21761988	MRPS12;SARS2;SARS2;SARS2;MRPS12;MRPS12;MRPS12;SARS2	0.0616606	0.206686	0.572155	-1.74778	0.551849	1.28706	1.28706	0.778373	0.888438	-1.12557	0.886751	0.942007	-1.06156	0.00459737	0.205681	-4.8619	0.0333505	0.352552	-2.83646	0.261827	1.63321	1.63321	0.260983	0.611713	-1.63475	0.109511	0.481174	-2.07825	3.12443	8.69757	2.47443	1
cg26097999	CDR2L;CDR2L	0.0616655	0.0928914	0.625339	-1.59913	0.743482	1.08696	1.08696	0.482543	0.834244	-1.19869	0.857841	1.04658	1.04658	0.374364	0.793315	-1.26053	0.074942	0.604341	-1.6547	0.00205566	0.332003	-3.01202	0.60366	1.14224	1.14224	0.93637	1.02048	1.02048	3.12433	3.19059	0.907738	1
cg01926706	SNRPG	0.0616656	0.587577	0.764331	-1.30833	0.62143	1.27673	1.27673	0.211919	0.524471	-1.90668	0.380078	1.55567	1.55567	0.00446739	0.155521	-6.43001	0.304452	0.593358	-1.68532	0.125627	0.443326	-2.25568	0.690337	0.821569	-1.21718	0.0189645	0.248001	-4.03223	3.12433	11.919	3.39101	1
cg13557418	FN3KRP	0.061666	0.305481	1.14426	1.14426	0.605262	1.06846	1.06846	0.130649	1.23036	1.23036	0.169593	1.2042	1.2042	0.176797	0.833317	-1.20002	0.790945	0.966822	-1.03432	0.981575	0.997071	-1.00294	0.123874	0.809259	-1.2357	0.00473945	1.61028	1.61028	3.12432	0.798108	0.227066	1
cg21423557	C2orf3	0.0616674	0.0091827	0.223421	-4.47585	0.26076	0.587782	-1.70131	0.91593	0.953287	-1.049	0.793023	0.887687	-1.12652	0.0157001	0.261446	-3.82488	0.295566	0.611756	-1.63464	0.0131522	0.248343	-4.02668	0.842901	0.914025	-1.09406	0.14982	0.496822	-2.01279	3.12429	10.1566	2.88964	1
cg21010642	JARID2	0.0616677	0.255519	0.756486	-1.3219	0.4546	1.1961	1.1961	0.209551	0.732768	-1.36469	0.353319	0.798896	-1.25173	0.00354224	0.394822	-2.53279	0.989176	1.00319	1.00319	0.387052	1.23176	1.23176	0.467899	1.18963	1.18963	0.0480211	0.587807	-1.70124	3.12429	2.73494	0.778116	1
cg11723772	RNF220	0.061668	0.65483	1.17163	1.17163	0.110664	1.84388	1.84388	0.311505	1.44567	1.44567	0.019907	2.68923	2.68923	0.245052	0.651792	-1.53423	0.833305	1.07701	1.07701	0.0251853	2.55266	2.55266	0.0126583	2.97712	2.97712	0.864108	1.06215	1.06215	3.12428	6.13133	1.74442	1
cg04218270	ASXL1;ASXL1;ASXL1;ASXL1	0.0616698	0.215832	0.802338	-1.24636	0.14886	0.769707	-1.2992	0.180811	0.786447	-1.27154	0.240438	1.23095	1.23095	0.121228	0.752717	-1.32852	0.0216205	1.59411	1.59411	0.0314943	0.652816	-1.53183	0.823224	1.03855	1.03855	0.705272	1.06635	1.06635	3.12425	1.41433	0.402394	1
cg01233786	ATP11A;ATP11A	0.0616707	0.0758032	2.26772	2.26772	0.183671	1.79395	1.79395	0.165545	0.541847	-1.84554	0.0385721	2.69883	2.69883	0.0173853	0.301212	-3.31992	0.441371	1.38441	1.38441	0.479727	1.34672	1.34672	0.360264	1.47653	1.47653	0.384808	1.44655	1.44655	3.12423	8.49408	2.41669	1
cg14601621	C9orf3	0.061672	0.468977	0.742257	-1.34724	0.602659	0.808577	-1.23674	0.236253	0.605265	-1.65217	0.241196	1.6427	1.6427	0.0246031	0.338591	-2.95342	0.844044	0.923411	-1.08294	0.00443481	0.215232	-4.64615	0.312668	1.52577	1.52577	0.687214	0.848955	-1.17792	3.1242	8.09821	2.30408	1
cg16109369	C6orf226;C6orf226	0.0616734	0.729255	0.949411	-1.05328	0.362096	1.15023	1.15023	0.0644225	1.36399	1.36399	0.0208174	0.6599	-1.51538	0.53634	1.09807	1.09807	0.354874	1.15281	1.15281	0.0151847	0.640441	-1.56143	0.850717	0.972242	-1.02855	0.469033	1.11635	1.11635	3.12417	1.10456	0.314268	1
cg09464990	SLC39A11;SLC39A11	0.0616744	0.0462502	0.3598	-2.77932	0.0506654	2.70977	2.70977	0.42674	1.43804	1.43804	0.445981	0.706263	-1.4159	0.039291	0.343849	-2.90825	0.642227	0.811034	-1.23299	0.0235507	0.29801	-3.35559	0.631972	0.805721	-1.24112	0.184077	0.532175	-1.87908	3.12416	9.91551	2.82117	1
cg21105787	SPOCK2;SPOCK2	0.0616745	0.108062	3.7999	3.7999	0.691173	1.35531	1.35531	0.216113	2.69429	2.69429	0.423595	1.86318	1.86318	0.107198	3.81465	3.81465	0.345927	2.09397	2.09397	0.0024049	25.012	25.012	0.632357	0.692813	-1.44339	0.0407505	6.0406	6.0406	3.12415	28.685	8.16149	1
cg21047367	GREB1	0.0616745	0.636087	1.15961	1.15961	0.148703	1.618	1.618	0.789545	0.920252	-1.08666	0.722986	1.11692	1.11692	0.320223	1.37588	1.37588	0.0168841	0.404327	-2.47324	0.0234341	2.31902	2.31902	0.0470635	2.02597	2.02597	0.318316	1.37773	1.37773	3.12415	4.77566	1.35878	1
cg13615367	KCTD6	0.0616747	0.924686	0.939292	-1.06463	0.157087	2.72456	2.72456	0.0777168	3.66427	3.66427	0.00464486	12.1075	12.1075	0.536037	1.51447	1.51447	0.794272	0.841057	-1.18898	0.0688518	0.259581	-3.85236	0.605777	0.708331	-1.41177	0.881904	1.10347	1.10347	3.12415	21.7079	6.17638	1
cg03580351	GEN1;SMC6;SMC6;GEN1	0.0616777	0.00459394	0.471979	-2.11874	0.172823	1.33472	1.33472	0.836427	0.95969	-1.042	0.624492	1.10317	1.10317	0.399411	1.18731	1.18731	0.392547	0.840026	-1.19044	0.0266415	0.592842	-1.68679	0.954155	0.988623	-1.01151	0.613146	0.903512	-1.10679	3.12409	1.95977	0.557609	1
cg16236875	C1R	0.0616783	0.823806	0.973178	-1.02756	0.418238	1.10611	1.10611	0.00917111	1.49692	1.49692	0.909291	0.986201	-1.01399	0.778191	1.03503	1.03503	0.942577	1.00882	1.00882	0.00730988	1.52452	1.52452	0.178742	0.840157	-1.19025	0.397874	1.11131	1.11131	3.12408	0.735464	0.20926	1
cg11660684	FAM175B	0.0616783	0.453534	1.13733	1.13733	0.181554	0.787401	-1.27	0.957144	0.990984	-1.0091	0.938195	0.987015	-1.01316	0.00303989	0.504418	-1.98248	0.503506	1.12122	1.12122	0.719023	1.06278	1.06278	0.0761521	1.39455	1.39455	0.459823	0.880882	-1.13523	3.12408	1.40537	0.399867	1
cg27616378	TXNRD3IT1	0.0616789	0.490201	0.870677	-1.14853	0.670225	0.918845	-1.08832	0.199004	0.764785	-1.30756	0.353221	1.20773	1.20773	0.00591132	0.490905	-2.03705	0.986298	0.996613	-1.0034	0.0329625	1.63688	1.63688	0.283086	1.24654	1.24654	0.887808	1.02828	1.02828	3.12406	1.93164	0.549609	1
cg24140362	FRMD1	0.0616794	0.24324	1.24484	1.24484	0.0172855	0.594459	-1.6822	0.0731919	0.698815	-1.43099	0.590805	1.10225	1.10225	0.386697	1.17251	1.17251	0.375087	0.849352	-1.17737	0.0847332	1.40769	1.40769	0.136403	0.749907	-1.3335	0.11612	0.73618	-1.35836	3.12406	1.59169	0.452884	1
cg11093872	SHANK2	0.0616811	0.0835878	0.567161	-1.76317	0.335097	0.745001	-1.34228	0.0306715	0.471478	-2.12099	0.640121	0.869842	-1.14963	0.00417682	0.320897	-3.11627	0.537931	0.831362	-1.20284	0.0711759	0.550539	-1.8164	0.0907828	0.575928	-1.73633	0.0527634	0.521007	-1.91936	3.12402	4.33903	1.2346	1
cg09857513	WNT16;WNT16	0.0616811	0.0243657	5.43033	5.43033	0.192069	2.38886	2.38886	0.106916	3.03424	3.03424	0.460842	1.60557	1.60557	0.493723	1.55008	1.55008	0.539984	1.47886	1.47886	0.131147	0.357769	-2.7951	0.00729239	8.86566	8.86566	0.130382	2.80172	2.80172	3.12402	19.6773	5.59885	1
cg19088962	SMUG1	0.0616821	0.0123613	0.236454	-4.22915	0.451984	0.701332	-1.42586	0.0641221	0.381652	-2.62019	0.131553	0.470619	-2.12486	0.0106288	0.225978	-4.42521	0.121831	0.460033	-2.17376	0.0761957	0.401134	-2.49293	0.0753627	0.399861	-2.50087	0.0526785	0.360662	-2.77268	3.124	10.606	3.01778	1
cg04886391	KDM1A;KDM1A	0.0616835	0.0372456	0.395638	-2.52757	0.398928	1.3926	1.3926	0.182823	0.581531	-1.7196	0.660515	1.1847	1.1847	?	?	?	?	?	?	0.421395	1.37021	1.37021	0.120381	0.524115	-1.90798	0.0274886	2.71801	2.71801	3.22039	5.83371	2.07028	1
cg18538340	TMEM108;TMEM108	0.0616839	0.0935233	0.390185	-2.56289	0.0502818	0.320262	-3.12244	0.912608	1.05761	1.05761	0.672471	0.804961	-1.2423	0.0333755	0.281231	-3.5558	0.0692662	0.354514	-2.82076	0.00627802	0.162569	-6.15122	0.0553724	0.3302	-3.02847	0.254228	0.544736	-1.83575	3.12397	12.8804	3.66498	1
cg14404807	LOC100133469	0.0616857	0.223842	1.84314	1.84314	0.233201	0.54985	-1.81868	0.638535	0.797403	-1.25407	0.945883	0.96804	-1.03301	0.00462681	0.164832	-6.06678	0.622397	1.26809	1.26809	0.073366	0.384678	-2.59958	0.91214	1.05423	1.05423	0.0423011	0.326559	-3.06224	3.12393	11.3279	3.22325	1
cg05938633	NXN	0.0616861	0.255123	0.703027	-1.42242	0.136067	1.6102	1.6102	0.191985	1.50623	1.50623	0.658584	0.876445	-1.14097	0.00629689	0.348077	-2.87293	0.383095	0.767007	-1.30377	0.242328	1.43749	1.43749	0.91101	0.967387	-1.03371	0.088485	0.572721	-1.74605	3.12392	4.35163	1.23822	1
cg14522815	PRDM16;PRDM16	0.0616888	0.42557	0.756875	-1.32122	0.0314025	0.421394	-2.37308	0.0129619	0.347918	-2.87424	0.385347	0.737355	-1.3562	0.0147349	0.357862	-2.79437	0.0679895	0.496698	-2.0133	0.0291635	0.414785	-2.41089	0.130543	0.571776	-1.74894	0.527609	0.80324	-1.24496	3.12387	5.79868	1.65	1
cg07214314	IGF2R	0.0616889	0.122873	0.462638	-2.16152	0.0475956	0.351784	-2.84266	0.129485	0.469849	-2.12834	0.0836804	0.413648	-2.41751	0.0150288	0.252012	-3.96806	0.0883738	0.420227	-2.37967	0.0127423	0.239995	-4.16676	0.139781	0.480628	-2.08061	0.0347765	0.321529	-3.11014	3.12387	10.5199	2.99341	1
cg26768556	PDK2	0.0616897	0.0109899	3.2946	3.2946	0.037238	2.46847	2.46847	0.0755405	2.09439	2.09439	0.240239	1.58324	1.58324	0.47051	1.31565	1.31565	0.84628	0.93004	-1.07522	0.0312125	2.57199	2.57199	0.0307542	2.58087	2.58087	0.0790351	2.07239	2.07239	3.12385	6.90838	1.96577	1
cg20040691	ASB4;ASB4	0.0616899	0.158171	0.247729	-4.03667	0.48658	0.52005	-1.92289	0.134193	0.224511	-4.45412	0.0902748	0.177898	-5.6212	0.0155336	0.064251	-15.564	0.0826049	0.168968	-5.91829	0.00621779	0.0369192	-27.0862	0.0447984	0.118805	-8.41714	0.152233	0.242088	-4.13072	3.12385	42.3217	12.0426	1
cg06458238	CASKIN2;CASKIN2	0.06169	0.547706	0.832352	-1.20141	0.182171	0.652404	-1.53279	0.0833835	1.78262	1.78262	0.318899	1.36439	1.36439	0.761778	1.09604	1.09604	0.422242	1.28052	1.28052	0.0382877	0.484736	-2.06298	0.00991044	2.67166	2.67166	0.772756	1.09126	1.09126	3.12384	4.50105	1.28077	1
ch.7.2782052F	EXOC4	0.0616903	0.10977	0.419038	-2.38642	0.00705539	0.175982	-5.68241	0.0743973	0.370917	-2.69602	0.162945	0.475662	-2.10233	0.00691802	0.174833	-5.71973	0.376275	0.635714	-1.57303	0.103845	0.411756	-2.42862	0.246361	0.546168	-1.83094	0.377865	0.636723	-1.57054	3.12384	12.315	3.50425	1
cg10751382	TBC1D17;TBC1D17	0.0616912	0.685435	1.21531	1.21531	0.00392923	6.41238	6.41238	0.0115035	4.54345	4.54345	0.687865	1.21336	1.21336	0.80886	0.890432	-1.12305	0.862678	0.920442	-1.08643	0.12475	2.21626	2.21626	0.357465	1.57329	1.57329	0.847416	0.911882	-1.09663	3.12382	11.3446	3.22812	1
cg10225525	FUT8;FUT8	0.0616926	0.701891	1.17551	1.17551	0.314083	1.54919	1.54919	0.164665	0.536174	-1.86507	0.495098	0.747319	-1.33812	0.00664313	0.227401	-4.39752	0.386561	0.688537	-1.45236	0.0397765	0.368079	-2.71681	0.0250865	0.326159	-3.06599	0.684669	0.842265	-1.18728	3.12379	8.7458	2.48865	1
cg03729889	MYO18B	0.061693	0.237737	0.706071	-1.41629	0.280262	1.37142	1.37142	0.338224	0.757441	-1.32024	0.01849	0.447541	-2.23443	0.00852123	0.388788	-2.57209	0.402293	0.785676	-1.27279	0.130284	0.631377	-1.58384	0.299964	0.739139	-1.35293	0.0373672	0.506684	-1.97362	3.12379	3.91778	1.11482	1
cg14532069	TNFRSF11A	0.0616945	0.705942	1.15722	1.15722	0.262026	1.56917	1.56917	0.988566	0.994495	-1.00554	0.988149	0.994295	-1.00574	0.41224	1.38121	1.38121	0.558913	0.796375	-1.25569	0.725543	1.14543	1.14543	0.00153232	5.79265	5.79265	0.0574232	2.28848	2.28848	3.12375	7.34187	2.08919	1
cg05573287	IQSEC1;IQSEC1	0.0616969	0.145449	0.674267	-1.48309	0.0502613	1.75542	1.75542	0.151911	0.679075	-1.47259	0.349547	1.2748	1.2748	0.936084	0.979981	-1.02043	0.0202072	0.493528	-2.02623	0.244358	1.35944	1.35944	0.0879952	1.60756	1.60756	0.671315	0.89797	-1.11362	3.12371	3.14494	0.894932	1
cg05977230	LRP5	0.0616973	0.00925021	0.432785	-2.31061	0.0601339	1.71194	1.71194	0.750338	0.922248	-1.08431	0.325254	0.772943	-1.29376	0.762479	0.926025	-1.07988	0.0689543	0.596884	-1.67537	0.259762	1.34726	1.34726	0.280746	1.32879	1.32879	0.470063	1.20482	1.20482	3.1237	3.18041	0.905028	1
cg17693420	ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655	0.0616979	0.0990543	0.53971	-1.85285	0.270704	1.47861	1.47861	0.0741538	1.97121	1.97121	0.362475	0.726719	-1.37605	0.137984	1.72413	1.72413	0.141776	1.71388	1.71388	0.0217615	0.390914	-2.55811	0.219037	0.643493	-1.55402	0.82482	1.07854	1.07854	3.12369	5.75419	1.63744	1
cg22726338	AKNAD1	0.0617006	0.0497768	0.474994	-2.10529	0.0762506	0.518828	-1.92742	0.232792	0.659531	-1.51623	0.537537	1.23082	1.23082	0.00396707	0.275624	-3.62813	0.722853	0.888287	-1.12576	0.278968	1.45421	1.45421	0.585334	0.832532	-1.20115	0.25373	0.672665	-1.48662	3.12363	5.47482	1.55796	1
cg22023784	C20orf108	0.0617021	0.593856	0.830152	-1.2046	0.871843	0.945764	-1.05735	0.0098935	3.21827	3.21827	0.737923	1.12304	1.12304	0.0120476	0.326132	-3.06624	0.168013	0.599039	-1.66934	0.561455	1.22521	1.22521	0.618487	0.840636	-1.18958	0.893821	1.0472	1.0472	3.36928	6.23032	1.43823	1
cg02051077	PODXL;PODXL;PODXL;PODXL	0.0617033	0.969882	0.996163	-1.00385	0.306102	0.89772	-1.11393	0.377287	1.09664	1.09664	0.227785	1.13759	1.13759	0.0263974	0.764843	-1.30746	0.948977	1.00654	1.00654	0.00871628	1.4054	1.4054	0.12361	1.1851	1.1851	0.96424	0.995445	-1.00458	3.12358	0.51293	0.145966	1
cg22907739	AHSG	0.0617034	0.225085	0.834224	-1.19872	0.00672745	1.64855	1.64855	0.298286	0.85781	-1.16576	0.0650167	0.74473	-1.34277	0.679912	0.94269	-1.06079	0.129771	0.792294	-1.26216	0.432288	0.892253	-1.12076	0.299757	0.858239	-1.16518	0.444401	1.1173	1.1173	3.12358	1.00111	0.28489	1
cg19739906	HNMT;HNMT;HNMT	0.0617052	0.616741	0.729722	-1.37039	0.00195732	0.0649613	-15.3938	0.0164485	0.160332	-6.23708	0.902909	0.926624	-1.07919	0.794699	0.849725	-1.17685	0.812314	0.861969	-1.16013	0.689907	0.778461	-1.28459	0.628945	0.737821	-1.35534	0.967876	1.02547	1.02547	3.12354	19.2905	5.48963	1
cg14924160	SUGT1L1	0.0617053	0.0203197	0.0854959	-11.6965	0.56987	1.6568	1.6568	0.159413	0.266621	-3.75065	0.838701	0.83595	-1.19624	0.00553693	0.0405703	-24.6486	0.99577	0.995351	-1.00467	0.757247	1.31335	1.31335	0.236079	0.335697	-2.97888	0.055069	0.147749	-6.76825	3.12354	38.2357	10.881	1
cg24167567	XRN2	0.0617058	0.944016	1.0145	1.0145	0.245176	1.28306	1.28306	0.165358	1.35445	1.35445	0.26266	0.787056	-1.27056	0.102901	0.693611	-1.44173	0.0470942	0.627575	-1.59344	0.0256225	0.580627	-1.72227	0.832048	1.04451	1.04451	0.0793449	1.49084	1.49084	3.12353	2.07971	0.591841	1
cg18079376	NUS1	0.061706	0.0775368	0.551411	-1.81353	0.487527	0.80735	-1.23862	0.127099	0.606169	-1.64971	0.934829	0.975493	-1.02512	0.00263811	0.282914	-3.53464	0.189015	0.655617	-1.52528	0.355881	1.33392	1.33392	0.468694	1.25067	1.25067	0.562112	0.837086	-1.19462	3.12353	4.5536	1.29586	1
cg06031740	LHPP;LHPP	0.0617072	0.112541	3.83025	3.83025	0.102801	0.249697	-4.00486	0.735843	0.768574	-1.30111	0.0820619	0.223657	-4.47114	?	?	?	?	?	?	0.0548497	5.43447	5.43447	0.14391	3.38895	3.38895	0.148147	3.33982	3.33982	3.21989	23.9682	8.5072	1
cg12545882	CLASP1;CLASP1;CLASP1	0.0617079	0.0491515	0.516267	-1.93698	0.732141	1.10644	1.10644	0.965639	0.987398	-1.01276	0.898345	0.963072	-1.03834	0.0183067	0.430429	-2.32326	0.0269642	0.462468	-2.16231	0.414989	0.782469	-1.27801	0.069584	1.81759	1.81759	0.173019	0.652545	-1.53246	3.12349	4.28756	1.22016	1
cg11009257	TRIM2;TRIM2	0.0617089	0.0827014	0.392124	-2.55021	0.0330848	0.297045	-3.3665	0.0325156	0.295484	-3.38428	0.525229	1.36838	1.36838	0.0955779	0.40987	-2.4398	0.436131	1.47261	1.47261	0.070388	2.67845	2.67845	0.807379	1.12637	1.12637	0.305873	0.596623	-1.6761	3.12347	11.7401	3.34103	1
cg25449441	PTPRN2;PTPRN2;PTPRN2	0.0617099	0.143455	0.373073	-2.68044	0.0414072	0.228735	-4.37187	0.00370436	0.0854789	-11.6988	0.65676	0.755402	-1.3238	0.225686	0.450248	-2.221	0.614988	0.727558	-1.37446	0.019066	0.168698	-5.92775	0.149824	0.379713	-2.63357	0.22844	0.452586	-2.20952	3.12345	19.4576	5.53736	1
cg04215480	ZNF573;ZNF573	0.0617112	0.753727	0.941738	-1.06187	0.664785	1.08671	1.08671	0.00418009	2.07918	2.07918	0.0939207	1.42092	1.42092	0.200157	1.2945	1.2945	0.202163	0.773485	-1.29285	0.201293	0.773058	-1.29356	0.435169	0.859105	-1.164	0.664053	1.08692	1.08692	3.12342	1.79961	0.512148	1
cg05924253	ATF6B;ATF6B	0.0617138	0.0885923	0.642428	-1.55659	0.181007	1.39729	1.39729	0.00357321	2.53367	2.53367	0.654114	1.11208	1.11208	0.792765	0.939864	-1.06398	0.620731	1.12467	1.12467	0.802571	0.942698	-1.06079	0.843108	1.04778	1.04778	0.0694707	1.61334	1.61334	3.12337	2.74465	0.781108	1
cg02796204	CCNF	0.0617168	0.305148	0.851362	-1.17459	0.0186886	1.54024	1.54024	0.115976	0.7719	-1.2955	0.753477	0.953378	-1.0489	0.763131	1.04687	1.04687	0.807564	1.03767	1.03767	0.0250097	1.49796	1.49796	0.270584	1.18986	1.18986	0.101232	0.761886	-1.31253	3.12331	1.13599	0.323302	1
cg05164350	FAM164C;FAM164C	0.0617235	0.30539	0.804543	-1.24294	0.0145029	0.539468	-1.85368	0.345421	0.819445	-1.22034	0.00661572	0.485584	-2.05937	0.357446	0.823711	-1.21402	0.17669	1.34218	1.34218	0.737762	0.933458	-1.07129	0.448898	0.853733	-1.17133	0.48013	1.15845	1.15845	3.12318	2.07709	0.591161	1
cg02814163	RASA3	0.0617239	0.412849	1.1173	1.1173	0.00803972	1.5681	1.5681	0.360309	0.882852	-1.13269	0.200753	1.19606	1.19606	0.602691	1.07205	1.07205	0.564189	1.08029	1.08029	0.00644977	1.59889	1.59889	0.464292	1.10371	1.10371	0.650876	0.941428	-1.06222	3.12317	0.868212	0.247103	1
cg14944514	CADM1;CADM1;CADM1;CADM1	0.0617239	0.0396499	0.760076	-1.31566	0.0419648	1.31032	1.31032	0.181358	1.17776	1.17776	0.254671	0.871845	-1.14699	0.508062	1.0805	1.0805	0.938327	0.991117	-1.00896	0.10448	0.814944	-1.22708	0.773136	1.03389	1.03389	0.0397808	1.31535	1.31535	3.12317	0.6577	0.187189	1
cg22881262	NPBWR2	0.0617249	0.942453	1.01687	1.01687	0.0112212	2.08845	2.08845	0.189702	1.37985	1.37985	0.944308	1.01632	1.01632	0.0160405	0.505017	-1.98013	0.160352	0.706356	-1.41572	0.709388	1.09065	1.09065	0.476511	1.18269	1.18269	0.674072	0.906609	-1.10301	3.12315	2.65743	0.756339	1
cg05254511	TOMM22	0.061725	0.0812202	0.707523	-1.41338	0.60687	0.911287	-1.09735	0.604464	1.09804	1.09804	0.849597	1.03456	1.03456	0.0234651	0.616032	-1.62329	0.952955	1.01062	1.01062	0.0122579	0.572107	-1.74793	0.0176316	0.596444	-1.6766	0.22745	0.797096	-1.25455	3.12315	1.58463	0.451005	1
cg11794881	C1orf183;C1orf183	0.0617272	0.502605	1.30534	1.30534	0.771988	0.892443	-1.12052	0.937645	1.03112	1.03112	0.0013028	0.159798	-6.25792	0.920072	0.961454	-1.04009	0.319637	0.668463	-1.49597	0.112297	0.50808	-1.9682	0.614968	0.819855	-1.21973	0.870299	1.06609	1.06609	3.1231	7.58673	2.15931	1
cg05241091	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0617287	0.0199522	0.643616	-1.55372	0.93916	0.988096	-1.01205	0.207876	0.811943	-1.23161	0.0436488	0.694982	-1.43889	0.505434	0.899415	-1.11183	0.00796519	0.586454	-1.70516	0.411885	1.14068	1.14068	0.416123	1.13927	1.13927	0.559022	0.911471	-1.09713	3.12308	1.21733	0.346477	1
cg07080372	SLC25A22	0.0617287	0.0904943	0.283634	-3.52567	0.111796	3.22168	3.22168	0.756891	1.2334	1.2334	0.269071	0.459518	-2.1762	0.0802851	0.269614	-3.709	0.406286	0.563304	-1.77524	0.0709395	0.255899	-3.90779	0.00992936	0.110787	-9.02635	0.101223	0.297483	-3.36154	3.12307	22.5735	6.42487	1
cg05990214	RPL18;SPHK2	0.0617295	0.862981	1.02945	1.02945	0.318633	0.841001	-1.18906	0.187218	1.26471	1.26471	0.0326309	0.657003	-1.52206	0.641745	0.9243	-1.0819	0.186873	0.790531	-1.26497	0.0117661	0.589424	-1.69657	0.58264	1.09773	1.09773	0.0993404	1.35459	1.35459	3.12306	1.39608	0.397353	1
cg04577441	LOC256880;H2AFZ	0.0617318	0.820832	0.911527	-1.09706	0.125003	2.04314	2.04314	0.263331	1.63063	1.63063	0.00948063	0.204744	-4.88415	0.225725	0.585018	-1.70935	0.0371657	0.334877	-2.98617	0.754731	1.13667	1.13667	0.45823	0.732123	-1.36589	0.210293	1.74651	1.74651	4.28767	10.3705	1.34371	1
cg21518261	PPP1R16A	0.0617319	0.6433	1.13942	1.13942	0.016421	0.440118	-2.27212	0.199791	0.684477	-1.46097	0.235003	1.41675	1.41675	0.00909694	0.395526	-2.52828	0.911632	0.969407	-1.03156	0.361916	1.29989	1.29989	0.421323	1.25848	1.25848	0.601137	0.862757	-1.15907	3.12301	3.87427	1.10272	1
cg16313587	BRF2	0.061733	0.0293844	0.653945	-1.52918	0.790853	0.956954	-1.04498	0.058238	1.4252	1.4252	0.456577	0.882043	-1.13373	0.0747976	0.719992	-1.38891	0.158004	0.778901	-1.28386	0.523064	0.898396	-1.11309	0.616861	1.08709	1.08709	0.0421238	1.47346	1.47346	3.12299	1.3554	0.385785	1
cg06644844	ANKRD30A	0.0617343	0.384614	0.687071	-1.45545	0.129789	1.99182	1.99182	0.025451	0.326894	-3.0591	0.276596	1.61037	1.61037	0.642638	1.21743	1.21743	0.894091	1.05768	1.05768	0.00844527	4.12041	4.12041	0.478077	1.35482	1.35482	0.500473	0.749811	-1.33367	3.12296	8.7678	2.49558	1
cg06033660	HTR6	0.0617344	0.048599	2.40808	2.40808	0.816726	1.09479	1.09479	0.089001	2.07871	2.07871	0.820256	1.09285	1.09285	0.687956	1.17059	1.17059	0.0865946	2.0927	2.0927	0.00237386	5.22352	5.22352	0.144007	1.84477	1.84477	0.193568	1.71032	1.71032	3.12296	7.52768	2.1426	1
cg06903465	SAMD12	0.0617357	0.660571	0.962898	-1.03853	0.437991	0.934552	-1.07003	0.621335	1.04352	1.04352	0.259808	1.1058	1.1058	0.0972372	1.1685	1.1685	0.113656	1.15867	1.15867	0.00213404	1.44654	1.44654	0.379321	1.08022	1.08022	0.807304	0.97931	-1.02113	3.12293	0.362061	0.103054	1
cg24572400	CARD11	0.0617371	0.040404	3.34786	3.34786	0.059517	2.96102	2.96102	0.201666	1.99006	1.99006	0.12559	2.33043	2.33043	0.111817	2.42016	2.42016	0.753119	0.851252	-1.17474	0.0178356	4.34879	4.34879	0.0258738	3.85811	3.85811	0.0271065	3.80114	3.80114	3.12291	12.8847	3.66743	1
cg07871357	UHRF1;UHRF1	0.0617387	0.00789752	0.456091	-2.19255	0.243362	0.754834	-1.32479	0.767653	0.934016	-1.07065	0.0449228	0.58844	-1.69941	0.4941	0.852152	-1.1735	0.0764783	0.635059	-1.57466	0.108519	1.49683	1.49683	0.361932	1.24099	1.24099	0.784863	0.9389	-1.06508	3.12288	2.62554	0.747329	1
cg27125505	LOC644172	0.061739	0.0467452	7.36737	7.36737	0.0557771	6.69156	6.69156	0.683506	1.43264	1.43264	0.0580459	6.54773	6.54773	0.0367901	8.39448	8.39448	0.158622	3.74983	3.74983	0.01201	15.6135	15.6135	0.0610702	6.36889	6.36889	0.0361473	8.47561	8.47561	3.12287	38.0504	10.8306	1
cg07211474	TRIM36;TRIM36;TRIM36	0.0617391	0.113294	2.57558	2.57558	0.033665	0.256151	-3.90395	0.663905	0.786611	-1.27128	0.227297	2.00538	2.00538	0.176457	0.454341	-2.20099	0.937365	0.957771	-1.04409	0.816933	0.880469	-1.13576	0.0132444	5.39472	5.39472	0.216141	2.04333	2.04333	3.12287	14.9063	4.24292	1
cg23817042	MKX	0.0617393	0.0852372	0.70779	-1.41285	0.0332294	1.57159	1.57159	0.613742	1.09685	1.09685	0.0587244	0.678538	-1.47376	0.83886	0.963693	-1.03768	0.0403949	0.650495	-1.53729	0.989745	0.997668	-1.00234	0.201777	0.782841	-1.2774	0.154297	1.31913	1.31913	3.12286	1.63167	0.464437	1
cg08014320	TMUB2;TMUB2;TMUB2	0.0617408	0.0153098	0.500698	-1.99721	0.467328	1.1875	1.1875	0.533167	1.15796	1.15796	0.738991	0.925246	-1.08079	0.00469371	0.417632	-2.39445	0.13343	0.686508	-1.45665	0.815539	1.0558	1.0558	0.938847	0.98233	-1.01799	0.512994	0.857139	-1.16667	3.12283	2.67019	0.760049	1
cg20962974	LPCAT1	0.0617415	0.0155668	0.56677	-1.76438	0.222839	1.27785	1.27785	0.807481	1.04784	1.04784	0.108486	1.3981	1.3981	0.12371	0.726787	-1.37592	0.241546	0.790857	-1.26445	0.549589	0.890578	-1.12287	0.0680858	1.47856	1.47856	0.214579	0.778741	-1.28412	3.12282	1.81193	0.515754	1
cg02926397	LY6D	0.0617416	0.228066	0.763142	-1.31037	0.119199	0.696781	-1.43517	0.0024744	0.406984	-2.4571	0.450814	0.84861	-1.1784	0.248847	0.772959	-1.29373	0.740759	0.931521	-1.07351	0.157496	1.38119	1.38119	0.167481	0.730256	-1.36938	0.313281	0.80025	-1.24961	3.12282	2.25768	0.642635	1
cg16682454	GAS7;GAS7;GAS7;GAS7	0.0617427	0.365999	0.817715	-1.22292	0.226237	1.31696	1.31696	0.193702	0.742319	-1.34713	0.587838	1.12588	1.12588	0.262602	0.776404	-1.28799	0.847551	0.959155	-1.04258	0.00406086	2.30683	2.30683	0.864281	0.96361	-1.03776	0.123489	0.696627	-1.43549	3.1228	2.32198	0.660942	1
cg17545805	INPP5A	0.0617437	0.118917	2.27054	2.27054	0.156807	2.08283	2.08283	0.37993	1.54711	1.54711	0.251922	1.78584	1.78584	0.868949	0.923111	-1.08329	0.0189272	3.96329	3.96329	0.00440383	6.30871	6.30871	0.432875	1.4737	1.4737	0.0409279	3.13659	3.13659	3.12278	11.6099	3.30473	1
cg04854189	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.0617466	0.0930637	0.700716	-1.42711	0.98629	1.00331	1.00331	0.029216	0.609832	-1.6398	0.358197	0.833708	-1.19946	0.0978388	1.41848	1.41848	0.98448	0.996263	-1.00375	0.0166581	1.75543	1.75543	0.834428	1.04111	1.04111	0.336116	1.21036	1.21036	3.12272	1.83251	0.521628	1
cg05686511	PTPRN2;PTPRN2;PTPRN2	0.0617476	0.572878	0.770462	-1.29792	0.12847	2.12137	2.12137	0.324393	1.59331	1.59331	0.380151	1.50991	1.50991	0.00982813	0.224536	-4.45364	0.084997	0.418227	-2.39104	0.448972	1.42355	1.42355	0.187278	1.89594	1.89594	0.165555	0.508182	-1.9678	3.1227	10.3609	2.94928	1
cg01051310	WNT3A	0.0617479	0.794693	0.935622	-1.06881	0.218817	0.718914	-1.39099	0.255549	1.35375	1.35375	0.274911	0.748367	-1.33624	0.120615	0.650792	-1.53659	0.0922526	0.623214	-1.60458	0.424821	0.81223	-1.23118	0.19744	0.70634	-1.41575	0.00243629	0.340779	-2.93445	3.12269	3.22019	0.916643	1
cg18730023	TWF1	0.0617489	0.0746308	0.68257	-1.46505	0.944954	1.01337	1.01337	0.84581	1.03815	1.03815	0.970441	0.9929	-1.00715	0.926429	1.01792	1.01792	0.831438	0.959838	-1.04184	0.00279829	2.20819	2.20819	0.191758	1.3044	1.3044	0.155671	1.33927	1.33927	3.12267	1.82885	0.520594	1
cg16814719	TG;SLA;SLA;SLA;SLA	0.061749	0.531842	0.808093	-1.23748	0.00764614	0.315467	-3.1699	0.376821	0.737018	-1.35682	0.0466132	2.15263	2.15263	0.338879	0.717705	-1.39333	0.378724	0.73796	-1.35509	0.837273	0.933144	-1.07165	0.0331886	0.432685	-2.31115	0.678797	1.1504	1.1504	3.12267	5.59911	1.59382	1
cg06387089	IER2	0.0617491	0.0768065	0.572347	-1.74719	0.0255016	2.12262	2.12262	0.0118559	2.437	2.437	0.882404	0.958899	-1.04286	0.254716	1.40102	1.40102	0.276196	1.37874	1.37874	0.77866	0.923212	-1.08318	0.777555	0.922832	-1.08362	0.300238	0.737577	-1.35579	3.12267	3.97622	1.13186	1
cg25925669	ATP2B2;ATP2B2	0.06175	0.657151	1.08584	1.08584	0.0200511	1.67745	1.67745	0.00985533	1.82456	1.82456	0.827071	1.04116	1.04116	0.297763	1.22018	1.22018	0.0198428	1.6795	1.6795	0.162098	1.3168	1.3168	0.65311	0.919975	-1.08699	0.570033	0.899576	-1.11164	3.12265	1.681	0.478511	1
cg14742305	TEAD4;TEAD4;TEAD4	0.0617501	0.177485	3.24656	3.24656	0.762224	1.28317	1.28317	0.930124	1.07472	1.07472	0.238904	2.75512	2.75512	0.35353	2.19096	2.19096	0.303355	2.4012	2.4012	0.97594	1.02509	1.02509	0.00239569	0.0309181	-32.3435	0.700252	0.727714	-1.37417	3.12265	33.3888	9.50441	1
cg02016838	ZC3H12C	0.0617515	0.415852	0.834257	-1.19867	0.0047291	0.441427	-2.26538	0.560616	1.1368	1.1368	0.322714	1.24931	1.24931	0.166637	1.37897	1.37897	0.10971	1.46224	1.46224	0.955602	0.987941	-1.01221	0.539273	1.14504	1.14504	0.156899	1.39085	1.39085	3.12262	2.34831	0.668472	1
cg00825252	SMYD2	0.0617552	0.0461834	0.209156	-4.78113	0.0280086	0.168988	-5.9176	0.532702	0.648672	-1.54161	0.0976101	0.287951	-3.47281	0.116492	0.310908	-3.21638	0.0798419	0.264117	-3.7862	0.0377321	0.191919	-5.21054	0.00723392	0.0931263	-10.7381	0.146031	0.343371	-2.91231	3.12255	23.2018	6.6048	1
cg16745793	ATP13A1	0.0617559	0.0617837	0.173801	-5.75369	0.0243902	0.10739	-9.31188	0.0593335	0.170202	-5.87538	0.22663	0.347844	-2.87485	0.0276207	0.114583	-8.72728	0.0807987	0.199755	-5.00615	0.0199075	0.0965501	-10.3573	0.0385121	0.136139	-7.34544	0.0806041	0.199504	-5.01243	3.12253	34.2196	9.74126	1
cg27574000	INSM2	0.0617563	0.426559	0.918883	-1.08828	0.744427	0.966489	-1.03467	0.0344017	0.773283	-1.29319	0.257149	0.884059	-1.13115	0.194199	0.866649	-1.15387	0.116203	1.1947	1.1947	0.00994827	1.40387	1.40387	0.641282	0.952283	-1.05011	0.741203	0.966055	-1.03514	3.12253	0.536967	0.152858	1
cg25679378	SLC25A19;SLC25A19;SLC25A19	0.0617568	0.0717133	1.69073	1.69073	0.594766	0.869167	-1.15053	0.360259	0.782197	-1.27845	0.160161	0.675765	-1.4798	0.0456664	0.549671	-1.81927	0.697434	0.902994	-1.10743	0.0144006	2.1985	2.1985	0.924014	1.02523	1.02523	0.201597	1.42218	1.42218	3.12252	3.37325	0.960265	1
cg00004067	TRANK1	0.0617577	0.717014	1.04281	1.04281	0.0100826	1.45342	1.45342	0.412289	1.10135	1.10135	0.273769	1.14015	1.14015	0.139904	1.20072	1.20072	0.27774	1.13882	1.13882	0.00466282	1.54233	1.54233	0.447108	0.914628	-1.09334	0.403187	1.10354	1.10354	3.1225	0.655899	0.186716	1
cg04775566	BCAS3;BCAS3	0.061758	0.535923	1.19606	1.19606	0.00409917	0.332883	-3.00406	0.568074	0.848058	-1.17916	0.417132	0.789116	-1.26724	0.100018	1.67321	1.67321	0.748475	1.09624	1.09624	0.0755755	1.75938	1.75938	0.619639	1.15363	1.15363	0.986947	0.995338	-1.00468	3.12249	4.03423	1.14844	1
cg19157647	MIR1180;B9D1	0.0617587	0.0683906	0.241388	-4.1427	0.0272744	0.16206	-6.17055	0.270311	0.44952	-2.2246	0.271622	0.450584	-2.21934	0.0262063	0.159261	-6.279	0.0509635	0.212519	-4.70547	0.0143446	0.122095	-8.19035	0.0264248	0.159839	-6.2563	0.186869	0.37733	-2.6502	3.12248	23.9983	6.83169	1
cg03350439	TRIM67	0.0617599	0.136729	0.715972	-1.3967	0.496631	1.15471	1.15471	0.520385	1.14544	1.14544	0.487696	1.15829	1.15829	0.0311773	0.59035	-1.69391	0.439949	0.848612	-1.17839	0.498483	1.15398	1.15398	0.0315736	1.69113	1.69113	0.031064	1.69471	1.69471	3.12245	2.14812	0.61152	1
cg04662010	MTX2;MTX2	0.06176	0.290912	0.804512	-1.24299	0.212549	0.770602	-1.29769	0.590585	1.11382	1.11382	0.2298	1.28412	1.28412	0.550517	0.887029	-1.12736	0.307256	0.810771	-1.23339	0.00285872	0.442829	-2.25821	0.70971	1.07704	1.07704	0.214512	1.29609	1.29609	3.12245	1.94797	0.55454	1
cg05412410	CARD11	0.0617601	0.347277	0.687036	-1.45553	0.118427	0.518157	-1.92992	0.573128	1.24711	1.24711	0.0298565	0.371095	-2.69473	0.224864	0.609905	-1.6396	0.929974	1.03468	1.03468	0.0686473	0.453628	-2.20445	0.0283036	2.72983	2.72983	0.239626	1.6122	1.6122	3.12245	7.43958	2.11788	1
cg07772170	STK11IP	0.0617618	0.665775	0.923821	-1.08246	0.425063	1.16012	1.16012	0.026416	0.618815	-1.61599	0.643416	0.918515	-1.08871	0.0377659	0.64449	-1.55161	0.04274	0.653589	-1.53001	0.0552103	1.4863	1.4863	0.379325	1.17873	1.17873	0.935594	1.01484	1.01484	3.12242	1.64396	0.468001	1
cg00980698	RNASE6	0.0617624	0.0708285	0.227467	-4.39624	0.00260787	0.0469378	-21.3048	0.086784	0.249681	-4.00511	0.334585	0.481899	-2.07512	0.0595639	0.21017	-4.75805	0.280398	0.439067	-2.27755	0.190448	0.361642	-2.76517	0.0538703	0.200763	-4.981	0.227342	0.394673	-2.53374	3.1224	26.6118	7.57588	1
cg16029077	NDUFA11	0.0617634	0.0405912	0.661753	-1.51114	0.17218	0.775897	-1.28883	0.992254	0.998306	-1.0017	0.709243	0.936693	-1.06759	0.0681054	0.699972	-1.42863	0.0918444	0.723209	-1.38273	0.00382931	0.506262	-1.97526	0.0494821	0.676119	-1.47903	0.451995	0.874773	-1.14315	3.12238	1.50765	0.429203	1
cg06583412	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.0617642	0.0329515	0.212694	-4.7016	0.75827	1.21115	1.21115	0.476917	1.56646	1.56646	0.0873409	3.22637	3.22637	0.123114	2.81962	2.81962	0.201121	0.432637	-2.3114	0.0601802	0.268311	-3.72702	0.170787	0.404487	-2.47227	0.096608	0.322384	-3.10189	3.12237	19.045	5.42182	1
cg12848220	NSMAF;NSMAF	0.0617666	0.178343	1.93659	1.93659	0.169608	0.50854	-1.96641	0.298198	0.6075	-1.64609	0.23753	1.77164	1.77164	0.088734	2.38164	2.38164	0.169107	1.96818	1.96818	?	?	?	0.02197	0.280795	-3.56131	0.237484	1.77175	1.77175	3.16521	9.51875	3.0073	1
cg21250577	ETFA;ETFA	0.0617671	0.230849	0.818387	-1.22192	0.132713	1.29522	1.29522	0.599789	1.08809	1.08809	0.00393608	0.538708	-1.85629	0.410434	1.14365	1.14365	0.60324	0.919789	-1.08721	0.262804	0.83014	-1.20462	0.186806	1.24998	1.24998	0.703092	1.06297	1.06297	3.12231	1.25732	0.357944	1
cg02385728	FIBCD1;FIBCD1	0.0617694	0.116548	0.402646	-2.48357	0.00676193	0.153696	-6.50635	0.00916988	0.171163	-5.84238	0.368647	0.611052	-1.63652	0.674762	0.79841	-1.25249	0.12954	0.417409	-2.39573	0.144167	0.43303	-2.30931	0.190324	0.477181	-2.09564	0.603639	1.32235	1.32235	3.12227	14.072	4.0062	1
cg13316368	ST7OT3;ST7;ST7	0.0617703	0.832696	0.965854	-1.03535	0.198043	1.25036	1.25036	0.0639911	0.710419	-1.40762	0.357091	1.16831	1.16831	0.00483132	0.541221	-1.84768	0.0749734	0.72203	-1.38498	0.876266	1.02592	1.02592	0.70994	1.06328	1.06328	0.497766	0.893106	-1.11969	3.12225	1.33383	0.379735	1
cg20077179	FLNA;FLNA	0.0617707	0.410523	1.2822	1.2822	0.0119083	0.395711	-2.5271	0.0418515	0.500172	-1.99931	0.767328	1.09159	1.09159	0.019693	0.435133	-2.29815	0.492094	0.81376	-1.22886	0.333218	0.744663	-1.34289	0.235685	1.4435	1.4435	0.493991	0.814517	-1.22772	3.12224	4.31418	1.22823	1
cg16351002	FAM24B	0.061771	0.0141404	0.243557	-4.10582	0.0399991	0.330488	-3.02583	0.329258	0.625218	-1.59944	0.501305	0.727345	-1.37486	0.0174776	0.259415	-3.85482	0.0130646	0.237848	-4.20436	0.489329	0.72065	-1.38764	0.969569	1.01795	1.01795	0.74369	0.858095	-1.16537	3.12223	10.7588	3.06299	1
cg09721078	CRLF3	0.0617726	0.117347	0.381723	-2.6197	0.122353	0.387524	-2.58049	0.0119168	0.169177	-5.91098	0.82748	0.883755	-1.13154	0.00484539	0.120594	-8.29232	0.303488	0.54693	-1.82839	0.159595	0.42702	-2.34181	0.672204	0.785867	-1.27248	0.0776217	0.329393	-3.03589	3.1222	15.8518	4.51299	1
cg08129366	MUPCDH;MUPCDH	0.0617744	0.0332517	0.283879	-3.52263	0.0438365	0.30967	-3.22925	0.914992	1.05551	1.05551	0.275903	0.56355	-1.77447	0.00338423	0.133146	-7.51055	0.0829206	0.378505	-2.64197	0.193315	0.498318	-2.00675	0.348079	0.613347	-1.6304	0.233362	0.531401	-1.88182	3.12217	12.6599	3.60431	1
cg02442305	ASCC1;C10orf104	0.0617748	0.0033731	0.194282	-5.14717	0.609303	0.809117	-1.23592	0.849322	1.08129	1.08129	0.0827593	0.454071	-2.2023	0.0895446	0.463386	-2.15803	0.175745	0.553438	-1.80689	0.0329314	0.358756	-2.78741	0.097422	0.473597	-2.1115	0.572286	0.790981	-1.26425	3.12216	8.34979	2.37721	1
cg21755440	SGOL1;SGOL1;SGOL1;SGOL1;SGOL1;SGOL1	0.0617754	?	?	?	0.166755	0.332753	-3.00523	0.0221985	0.0710506	-14.0745	0.704542	1.28742	1.28742	?	?	?	?	?	?	?	?	?	0.0350111	0.108418	-9.2236	?	?	?	7.77667	18.9873	1.83118	1
cg04981203	MPI	0.0617774	0.550732	0.952608	-1.04975	0.972268	1.0028	1.0028	0.0127712	1.28249	1.28249	0.305835	1.08902	1.08902	0.0602186	1.18586	1.18586	0.188383	1.11862	1.11862	0.407381	0.934109	-1.07054	0.102928	0.866328	-1.1543	0.0531315	1.1933	1.1933	3.12211	0.319852	0.0910645	1
cg17158584	CTBP1;CTBP1	0.0617795	0.87834	0.956155	-1.04586	0.136195	0.625031	-1.59992	0.658115	1.13923	1.13923	0.223006	0.687442	-1.45467	0.154676	1.56183	1.56183	0.156156	1.559	1.559	0.00494514	2.97263	2.97263	0.295013	1.3742	1.3742	0.166333	1.54029	1.54029	3.12206	4.23604	1.20605	1
cg20807417	HGC6.3	0.0617814	0.112076	0.413582	-2.4179	0.0210997	0.242846	-4.11784	0.0989071	0.397221	-2.51749	0.0188786	0.234288	-4.26825	0.0276444	0.264808	-3.77632	0.0583214	0.33563	-2.97947	0.073308	0.360923	-2.77068	0.137974	0.442607	-2.25934	0.0373869	0.291508	-3.43044	3.12203	12.8757	3.66591	1
cg22583967	SAMHD1	0.0617818	0.0422874	0.713201	-1.40213	0.150257	0.800249	-1.24961	0.0386806	1.4134	1.4134	0.314109	0.86034	-1.16233	0.62031	0.93038	-1.07483	0.140502	0.795242	-1.25748	0.0367605	0.704285	-1.41988	0.0425167	0.713547	-1.40145	0.882495	0.978855	-1.0216	3.12202	1.0324	0.29394	1
cg02184280	PIH1D1	0.061783	0.487127	0.889474	-1.12426	0.0438587	1.46857	1.46857	0.276005	1.20682	1.20682	0.0704218	0.715007	-1.39859	0.492609	0.890823	-1.12256	0.692402	0.936166	-1.06819	0.00861739	0.573663	-1.74318	0.318478	1.18655	1.18655	0.769461	0.952414	-1.04996	3.12199	1.36082	0.387451	1
cg17511541	TBC1D14;TBC1D14	0.0617833	0.0292799	0.342354	-2.92095	0.011877	0.269594	-3.70928	0.914128	1.04605	1.04605	0.467327	1.36168	1.36168	0.0519105	0.397233	-2.51742	0.441248	0.720512	-1.3879	0.0279885	0.338349	-2.95553	0.640505	1.21692	1.21692	0.348686	0.668499	-1.49589	3.12199	8.61517	2.4529	1
cg12377972	IL4;IL4;IL4;IL4	0.0617844	0.529391	0.761094	-1.3139	0.236062	0.587432	-1.70232	0.00385469	0.188553	-5.30356	0.0564827	0.396453	-2.52237	0.0814495	0.437154	-2.28753	0.4815	1.35873	1.35873	0.533925	1.30986	1.30986	0.3904	1.45802	1.45802	0.626204	0.810328	-1.23407	3.12197	9.07706	2.58443	1
cg23524537	SERPINA4	0.0617852	0.0328476	0.384839	-2.59849	0.0235684	0.355448	-2.81335	0.0628128	0.448971	-2.22732	0.248763	0.630528	-1.58597	0.0204266	0.343403	-2.91203	0.0888866	0.4878	-2.05002	0.0518534	0.428967	-2.33118	0.033586	0.386884	-2.58475	0.0788675	0.474017	-2.10963	3.12195	7.23593	2.06023	1
cg27562431	ARF5	0.0617856	0.665484	1.07321	1.07321	0.176461	0.791843	-1.26288	0.609757	1.0872	1.0872	0.0354092	1.48859	1.48859	0.76318	0.952105	-1.0503	0.318356	0.845772	-1.18235	0.029795	0.660137	-1.51484	0.0623395	0.711235	-1.406	0.0933868	1.3495	1.3495	3.12194	1.30429	0.371362	1
cg15971826	SLC8A3;SLC8A3;SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.0617859	0.0254496	0.290489	-3.44248	0.807481	0.892578	-1.12035	0.821781	1.11073	1.11073	0.0317955	0.309931	-3.22653	0.0178225	0.261644	-3.82198	0.0648925	0.380992	-2.62473	0.114109	0.449304	-2.22567	0.57252	1.30402	1.30402	0.0643749	0.380109	-2.63082	3.12194	10.7135	3.05039	1
cg26659410	LPGAT1	0.0617866	0.978344	0.996197	-1.00382	0.0132046	1.53909	1.53909	0.309221	0.862682	-1.15918	0.68391	1.05914	1.05914	0.229602	1.19356	1.19356	0.0139334	1.53165	1.53165	0.185414	0.821102	-1.21788	0.284258	0.855443	-1.16898	0.640707	1.0682	1.0682	3.12192	0.97412	0.277356	1
cg09197288	IFI27L1;IFI27L1	0.0617885	0.430335	0.822584	-1.21568	0.211082	0.726375	-1.3767	0.153987	0.690531	-1.44816	0.184291	1.40733	1.40733	0.00554447	0.413044	-2.42105	0.480786	0.840396	-1.18991	0.0680477	1.64181	1.64181	0.866949	1.04152	1.04152	0.483989	0.841497	-1.18836	3.12189	2.9106	0.828729	1
cg03045067	ZFHX3;ZFHX3	0.0617896	0.538828	0.762549	-1.31139	0.0569491	0.391211	-2.55616	0.0347526	0.342256	-2.92179	0.0820216	0.431946	-2.31511	0.867158	1.07566	1.07566	0.233779	0.580524	-1.72258	0.0165961	0.279545	-3.57724	0.0803931	2.3278	2.3278	0.776555	0.883413	-1.13197	3.12186	9.38412	2.67194	1
cg05160963	IPO4;IPO4	0.0617907	0.482933	0.810457	-1.23387	0.0825229	1.76259	1.76259	0.181916	1.51832	1.51832	0.580959	0.848472	-1.17859	0.97846	1.00799	1.00799	0.588024	1.17492	1.17492	0.228993	1.45074	1.45074	0.00401409	0.320028	-3.12473	0.523157	1.21012	1.21012	3.12184	4.2949	1.2229	1
cg06790275	PIAS1	0.0617946	0.449751	0.908831	-1.10031	0.0211854	1.41049	1.41049	0.0846242	1.2671	1.2671	0.62077	1.06386	1.06386	0.215546	1.17561	1.17561	0.304038	0.876233	-1.14125	0.119601	0.810895	-1.23321	0.355427	0.888706	-1.12523	0.0340074	1.35954	1.35954	3.12177	0.761681	0.21688	1
cg24439315	LRRC4B	0.0617961	0.157015	1.77111	1.77111	0.0185642	2.93894	2.93894	0.0490827	2.33603	2.33603	0.955418	1.02134	1.02134	0.212329	0.608887	-1.64234	0.801554	1.09978	1.09978	0.074117	0.471592	-2.12047	0.0613434	2.21696	2.21696	0.747436	1.12978	1.12978	3.12174	7.05191	2.00798	1
cg17413252	ENPP1	0.0618007	0.431837	1.17216	1.17216	0.00806356	0.5107	-1.9581	0.00965657	0.522835	-1.91265	0.823456	0.956719	-1.04524	0.499291	0.873016	-1.14545	0.63027	1.1008	1.1008	0.681987	1.085	1.085	0.667107	0.917885	-1.08946	0.0909856	0.691657	-1.4458	3.12164	1.93847	0.55198	1
cg09530755	NUDCD3	0.061802	?	?	?	0.0178475	4.91273	4.91273	0.303445	1.74038	1.74038	?	?	?	?	?	?	0.133372	0.42551	-2.35012	?	?	?	0.151057	0.444843	-2.24798	0.965798	1.02225	1.02225	3.96567	8.75545	2.64937	1
cg10353539	TTC12	0.061806	0.0486167	19.3422	19.3422	0.148317	7.68423	7.68423	0.269682	4.53415	4.53415	0.133926	8.37954	8.37954	0.418844	2.96347	2.96347	0.086925	12.0159	12.0159	0.00785197	88.7782	88.7782	0.015962	48.4378	48.4378	0.0366914	24.3426	24.3426	3.12154	85.5054	24.3485	1
cg10859966	CBLN3;KHNYN	0.0618066	0.207463	0.293472	-3.40748	0.488356	0.522435	-1.91411	0.958878	1.0487	1.0487	0.206928	0.293003	-3.41294	0.137457	0.228694	-4.37266	0.903452	0.894115	-1.11842	0.00274264	45.267	45.267	0.701928	0.701413	-1.42569	0.984072	0.981757	-1.01858	3.12153	42.0529	11.975	1
cg15571882	SLC44A3;SLC44A3	0.0618068	0.412709	1.42432	1.42432	0.00480201	4.85719	4.85719	0.0742666	2.31636	2.31636	0.406781	1.43105	1.43105	0.197612	0.562614	-1.77742	0.495442	1.33954	1.33954	0.670482	1.19812	1.19812	0.0357248	2.80709	2.80709	0.541388	0.770204	-1.29836	3.12152	8.81788	2.51099	1
cg19466590	CUL1;CUL1	0.061808	0.24023	0.537668	-1.85988	0.2033	1.96927	1.96927	0.979428	0.987072	-1.0131	0.548652	0.736194	-1.35834	0.14545	2.20084	2.20084	?	?	?	0.923323	1.04978	1.04978	0.00363137	0.137246	-7.28619	0.486744	0.700052	-1.42847	3.16437	11.3443	3.58502	1
cg01882933	BTNL9	0.0618091	0.0424666	0.220693	-4.53119	0.820358	1.15846	1.15846	0.605797	0.714146	-1.40027	0.0320724	0.197123	-5.07297	0.039613	0.21461	-4.65962	0.0610799	0.255383	-3.91569	0.0139762	0.14043	-7.12098	0.0525723	0.240446	-4.15895	0.139567	0.357665	-2.79591	3.12148	20.6754	5.88764	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14242292	H2AFY;H2AFY;H2AFY;H2AFY	0.0618095	0.062004	1.46373	1.46373	0.893458	0.975998	-1.02459	0.699123	0.932007	-1.07295	0.888337	1.0258	1.0258	0.597311	1.10148	1.10148
cg05060534	TFDP1;TFDP1	0.0618107	0.00862659	0.444081	-2.25184	0.874158	1.03916	1.03916	0.619054	1.12918	1.12918	0.711199	1.09433	1.09433	0.0445285	0.571678	-1.74924
cg22220991	NCRNA00171	0.0618113	0.0288375	0.277374	-3.60525	0.246487	1.82756	1.82756	0.93057	1.04431	1.04431	?	?	?	0.051923	0.332748	-3.00527
cg00546594	ATP5O	0.0618135	0.522207	1.12138	1.12138	0.313671	1.20208	1.20208	0.972293	1.00615	1.00615	0.463076	0.876405	-1.14103	0.125841	0.746352	-1.33985
cg06850660	NPFF	0.0618138	0.152723	0.395092	-2.53106	0.0647695	0.284313	-3.51725	0.848512	0.890519	-1.12294	0.49333	0.655856	-1.52473	0.0198518	0.181764	-5.50165
cg23664174	LNX1;LNX1	0.0618142	0.268619	0.563033	-1.7761	0.806652	1.13003	1.13003	0.504603	1.40153	1.40153	0.591207	1.31036	1.31036	0.00808321	0.184326	-5.42516
cg25545336	FARSB	0.0618149	0.123918	1.14061	1.14061	0.0273385	1.22895	1.22895	0.138952	1.13401	1.13401	0.296083	0.918007	-1.08932	0.300483	1.08841	1.08841
cg00069417	SLC7A5	0.0618156	0.897143	0.962309	-1.03917	0.00403935	3.14898	3.14898	0.0947253	1.72557	1.72557	0.858031	1.05463	1.05463	0.131966	0.616933	-1.62092
cg12934046	POU3F2	0.0618164	0.577836	0.904838	-1.10517	0.0850713	1.40306	1.40306	0.0101088	1.78102	1.78102	0.0453579	1.50426	1.50426	0.187097	1.28236	1.28236
cg02851558	MANEAL;MANEAL;MANEAL	0.0618167	0.0876784	0.592934	-1.68653	0.986387	1.00474	1.00474	0.459548	1.23219	1.23219	0.948868	1.01794	1.01794	0.722872	0.905991	-1.10376
cg03101763	LTBP3;LTBP3;LTBP3	0.061817	0.568445	1.17348	1.17348	0.018555	2.20839	2.20839	0.544371	1.18563	1.18563	0.67407	1.12456	1.12456	0.493928	0.824657	-1.21263
cg14174946	SRD5A2	0.0618195	0.771826	0.801624	-1.24747	0.988844	0.989424	-1.01069	0.952959	0.95613	-1.04588	0.561804	1.56218	1.56218	0.555055	0.635098	-1.57456
cg05384102	SNAP91;SNAP91	0.0618205	0.370212	1.27791	1.27791	0.10429	0.622982	-1.60518	0.2579	0.730067	-1.36974	0.258451	1.3692	1.3692	0.254322	1.37328	1.37328
cg16107224	STX18	0.0618214	0.272822	1.24996	1.24996	0.100786	1.42102	1.42102	0.0365063	1.60823	1.60823	0.337027	0.82407	-1.21349	0.597316	0.901029	-1.10984
cg20588285	AIRE	0.0618242	0.0708901	2.45944	2.45944	0.0490922	2.72321	2.72321	0.646116	0.813687	-1.22897	0.132655	2.06181	2.06181	0.958545	1.02345	1.02345
cg07374928	FAM118B	0.0618262	0.0293877	0.556393	-1.79729	0.0104621	0.478825	-2.08844	0.308301	0.785872	-1.27247	0.188236	1.3752	1.3752	0.851123	1.04387	1.04387
cg15804973	MAP3K5	0.0618267	0.148177	0.553461	-1.80681	0.0424525	2.43788	2.43788	0.990851	1.00438	1.00438	0.72235	1.14575	1.14575	0.154894	0.559572	-1.78708
cg20081286	PRKCE	0.0618268	0.294779	0.888634	-1.12532	0.295923	1.12498	1.12498	0.122518	1.19942	1.19942	0.305147	1.12231	1.12231	0.993883	1.00083	1.00083
cg01502872	HSD17B8	0.0618288	0.203615	0.432675	-2.3112	0.00565227	9.65191	9.65191	0.113545	2.93017	2.93017	0.778835	1.19218	1.19218	0.970567	1.0233	1.0233
cg00057114	ACOT7;ACOT7;ACOT7;ACOT7	0.0618323	0.377705	0.857098	-1.16673	0.0637687	0.701152	-1.42623	0.413281	0.86719	-1.15315	0.399325	0.863295	-1.15835	0.587968	1.09767	1.09767
cg18810922	CALCA;CALCA;CALCA	0.061833	0.189048	0.700108	-1.42835	0.241073	0.730187	-1.36951	0.871085	0.95924	-1.04249	0.924078	1.02472	1.02472	0.372635	0.790944	-1.26431
cg10477989	C11orf24	0.0618335	0.783709	1.02436	1.02436	0.347544	0.91886	-1.08831	0.825826	0.980903	-1.01947	0.0165472	1.29192	1.29192	0.438177	0.933153	-1.07164
cg21093005	FOXK2	0.0618336	0.89411	0.968182	-1.03286	0.984272	0.995225	-1.0048	0.0417381	0.565575	-1.76811	0.171437	1.42408	1.42408	0.749873	0.925278	-1.08076
cg14772599	SLC6A6;SLC6A6;SLC6A6	0.0618342	0.00374089	0.463788	-2.15616	0.633478	0.910025	-1.09887	0.410105	0.847616	-1.17978	0.59487	0.900016	-1.11109	0.0307139	0.607659	-1.64566
cg25112291	RAX	0.0618349	0.155887	0.424924	-2.35336	0.958105	1.03006	1.03006	0.696421	0.801695	-1.24736	0.410072	0.621952	-1.60784	0.157282	0.426315	-2.34568
cg11068352	OR6W1P	0.0618368	0.0404451	0.184391	-5.42326	0.87264	1.12143	1.12143	0.170629	0.352634	-2.8358	0.386782	1.88465	1.88465	0.0130804	0.110934	-9.01435
cg03650189	ICAM5	0.0618376	0.060704	0.342393	-2.92062	0.76441	0.858694	-1.16456	0.0498647	3.10722	3.10722	0.0262403	3.80517	3.80517	0.135198	0.442096	-2.26195
cg08479476	PCBP1	0.0618392	0.058128	0.303235	-3.29777	0.998848	0.999196	-1.0008	0.123281	2.53512	2.53512	0.829578	1.12762	1.12762	0.158759	0.432004	-2.3148
cg20157693	ATAD3B	0.0618398	0.557499	0.843507	-1.18553	0.0574956	0.539925	-1.85211	0.0828458	0.576371	-1.73499	0.314718	1.34752	1.34752	0.00291575	0.309304	-3.23306
cg23608997	ZNF580;ZNF580;ZNF58C	0.0618401	0.11741	0.844969	-1.18348	0.0448427	1.2562	1.2562	0.293394	1.11401	1.11401	0.126547	0.848983	-1.17788	0.0444966	0.795672	-1.2568
cg23470729	PCDHGA2;PCDHGA3;PCDHGA3;PCDHGA1	0.0618409	0.0915163	2.86812	2.86812	0.335512	1.75618	1.75618	0.346753	1.73221	1.73221	0.820439	0.879049	-1.13759	0.841138	1.12053	1.12053
cg03706875	DIP2C	0.0618415	0.629165	1.25576	1.25576	0.00721551	5.06749	5.06749	0.0114985	4.39128	4.39128	0.673962	1.21902	1.21902	0.993014	1.00411	1.00411
cg26095194	DUSP1	0.0618417	0.0677873	0.822216	-1.21623	0.879503	0.98559	-1.01462	0.136749	1.16577	1.16577	0.0577191	0.814385	-1.22792	0.879521	0.985592	-1.01462
cg08841910	GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK	0.0618418	0.72701	0.919231	-1.08787	0.358831	0.797144	-1.25448	0.0567377	0.595591	-1.67901	0.421107	0.82079	-1.21834	0.447098	1.20466	1.20466
cg11033617	RASGEF1C	0.0618418	0.0266339	0.189272	-5.28339	0.166175	2.54845	2.54845	0.459398	0.620467	-1.61169	0.0869133	0.301841	-3.313	0.149592	0.375723	-2.66153
cg16129213	SOD1	0.0618447	0.0558561	1.47694	1.47694	0.89798	0.977173	-1.02336	0.0731323	1.43302	1.43302	0.282775	1.22252	1.22252	0.00897619	0.549806	-1.81882
cg21593554	PSMB8;PSMB8	0.0618469	0.0693873	0.529489	-1.88861	0.191287	0.648509	-1.542	0.52156	0.815992	-1.2255	0.00188702	0.251867	-3.97035	0.319261	0.724567	-1.38014
cg16429208	LOC148824	0.0618489	0.0191519	0.0842603	-11.868	0.0223418	0.0917229	-10.9024	0.0508366	0.143487	-6.96926	0.295321	0.387865	-2.57822	0.110699	0.219426	-4.55735
ch.5.1324828F	BDP1	0.06185	0.0331718	0.780024	-1.28201	0.00973149	0.721637	-1.38574	0.685152	0.960149	-1.0415	0.393555	0.916501	-1.09111	0.112771	0.841792	-1.18794
cg17881997	ZFHX4	0.0618521	0.838766	0.945614	-1.05751	0.75709	0.918366	-1.08889	0.216258	0.699652	-1.42928	0.363789	1.29197	1.29197	0.236277	1.40584	1.40584
cg11917694	STAMBPL1	0.0618551	0.326356	0.842404	-1.18708	0.190864	1.26416	1.26416	0.130977	0.758825	-1.31783	0.853113	0.969119	-1.03186	0.0590825	1.43436	1.43436
cg16601151	COQ7	0.0618558	0.036325	0.540127	-1.85142	0.142621	1.47262	1.47262	0.779264	1.06959	1.06959	0.179346	1.4173	1.4173	?	?	?
cg23742080	DNAJC28;DNAJC28	0.061857	?	?	?	0.0952321	0.275917	-3.62428	0.695656	0.771082	-1.29688	?	?	?	?	?	?
cg08931917	GRIN2B	0.0618595	0.259198	0.653253	-1.5308	0.0134824	0.330754	-3.02339	0.0168321	0.348175	-2.87212	0.737446	1.12942	1.12942	0.496583	0.779037	-1.28364
cg18931398	FAM102B	0.0618609	0.751415	0.909733	-1.09922	0.0741004	0.55294	-1.80851	0.905475	1.036	1.036	0.186878	1.51662	1.51662	0.00796896	0.363289	-2.75263
cg21276022	TMEM8C	0.0618613	0.427317	0.909051	-1.10005	0.477395	0.918518	-1.08871	0.558567	0.932766	-1.07208	0.449872	1.09482	1.09482	0.421209	0.907852	-1.1015
cg03731078	FIGNL1;FIGNL1	0.0618619	0.107965	0.561292	-1.7816	0.0342914	0.44347	-2.25495	0.0810926	0.528969	-1.89047	0.414772	0.759957	-1.31586	0.0477426	0.474544	-2.10728
cg08623810	NRXN2;NRXN2	0.0618621	0.93305	0.966225	-1.03496	0.0428798	2.59345	2.59345	0.715067	1.16175	1.16175	0.186489	1.77302	1.77302	0.0251449	2.97153	2.97153
cg25686891	GAK	0.0618625	0.107769	0.70077	-1.427	0.0421776	1.60679	1.60679	0.214135	1.30342	1.30342	0.748199	0.936829	-1.06743	0.130816	1.39173	1.39173
cg06654118	MAEA;MAEA	0.0618627	0.225665	0.491863	-2.03309	0.613178	0.752554	-1.32881	0.498691	1.46668	1.46668	0.843825	0.895842	-1.11627	0.361856	0.592934	-1.68653
cg12411309	SMUG1	0.0618627	0.367703	1.36246	1.36246	0.00895438	3.03825	3.03825	0.0134948	2.7793	2.7793	0.69589	0.876949	-1.14032	0.748962	1.11329	1.11329
cg04691795	TRPM5	0.0618631	0.412267	0.828729	-1.20667	0.0464843	1.66698	1.66698	0.089314	0.657152	-1.52172	0.391521	1.21742	1.21742	0.4622	0.845589	-1.18261
cg10406690	FLRT2	0.0618635	0.346561	0.800075	-1.24988	0.0238246	1.86012	1.86012	0.866259	1.03955	1.03955	0.0247419	1.85	1.85	0.0705018	0.628038	-1.59226
cg14673936	C6orf222	0.0618647	0.00564772	0.267509	-3.73818	0.484132	1.29454	1.29454	0.458647	0.760352	-1.31518	0.45073	1.32182	1.32182	0.0153995	0.339747	-2.94337
cg03625415	NKX2-5;NKX2-5;NKX2-5	0.0618667	0.163424	2.79615	2.79615	0.0208348	0.146187	-6.84056	0.713335	0.774853	-1.29057	0.0860279	0.269444	-3.71135	0.225508	0.414812	-2.41073
cg01528321	TSPAN14;TSPAN14	0.0618671	0.490854	0.812918	-1.23014	0.117625	0.604712	-1.65368	0.110746	0.597895	-1.67253	0.0888792	0.573831	-1.74267	0.0360898	2.05748	2.05748
cg23442326	OAT	0.0618681	0.854252	0.955426	-1.04665	0.00769423	0.427749	-2.33782	0.255966	0.745238	-1.34185	0.224904	0.728996	-1.37175	0.424846	1.22396	1.22396
cg20962955	IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.0618692	0.913491	1.02678	1.02678	0.080943	0.624576	-1.60109	0.518901	0.852954	-1.1724	0.699793	1.09882	1.09882	0.16118	1.43904	1.43904
cg01516809	BTF3L4;BTF3L4;BTF3L4	0.0618696	0.261652	0.872113	-1.14664	0.0474071	0.767097	-1.30362	0.00808901	0.672694	-1.48656	0.507616	0.92443	-1.08175	0.0599523	0.780286	-1.28158
cg25215329	SPATA5L1;SPATA5L1	0.0618732	0.138817	0.331441	-3.01713	0.909502	0.927718	-1.07791	0.0315591	6.40513	6.40513	0.192632	0.38881	-2.57195	?	?	?
cg12357484	ANO1;ANO1	0.061874	0.0788589	3.82301	3.82301	0.0103867	9.18754	9.18754	0.0444233	4.886	4.886	0.152071	2.8702	2.8702	0.0271793	6.02952	6.02952
cg22571564	GOLGA8B	0.0618752	0.0052427	0.538946	-1.85547	0.0463772	0.68179	-1.46673	0.900455	1.02123	1.02123	0.0712896	0.713077	-1.40237	0.162949	0.778796	-1.28403
cg04724873	KIAA1751	0.0618754	0.747256	0.851667	-1.17417	0.764088	1.16121	1.16121	0.656531	0.800711	-1.24889	0.162702	0.477097	-2.09601	0.0898118	0.395116	-2.5309
cg07352586	KIAA1919	0.0618757	0.508952	1.10541	1.10541	0.92283	1.0146	1.0146	0.0194651	1.52576	1.52576	0.0434596	0.706563	-1.4153	0.64006	1.07299	1.07299
cg14172428	TJP2	0.0618765	0.435148	0.759351	-1.31691	0.167326	0.601151	-1.66348	0.108543	0.545959	-1.83164	0.537378	0.805797	-1.24101	0.00239617	0.231599	-4.31781
cg12141218	LAMB3;LAMB3;LAMB3	0.0618769	0.910577	0.939685	-1.06419	0.519917	0.696847	-1.43503	0.390337	0.614223	-1.62807	0.21656	0.486738	-2.05449	0.00694892	0.144588	-6.91621
cg16318349	PBXIP1	0.0618774	0.282539	0.595981	-1.67791	0.0237624	0.286276	-3.49314	0.0218233	0.279257	-3.58093	0.111696	0.448032	-2.23198	0.0809234	0.407804	-2.45216
cg13985135	YY1AP1;YY1AP1	0.0618798	0.756233	1.11704	1.11704	0.691329	0.867744	-1.15241	0.00781286	0.297095	-3.36593	0.0467381	0.445146	-2.24645	0.173889	1.67235	1.67235
cg04975966	ALX3	0.0618809	0.0298202	0.413753	-2.4169	0.821657	0.925025	-1.08105	0.0274862	0.406542	-2.45977	0.0242205	2.52801	2.52801	0.236299	0.651577	-1.53474
cg17038444	MTR	0.0618809	0.0575744	0.704223	-1.42	0.59436	0.915974	-1.09173	0.0482832	1.44558	1.44558	0.107556	1.33214	1.33214	0.846966	0.968943	-1.03205
cg24654185	MRPL30	0.061881	0.0297636	1.76095	1.76095	0.289479	0.784082	-1.27538	0.0325892	0.575029	-1.73904	0.319082	1.25583	1.25583	0.737204	0.928202	-1.07735
cg11173579	HUNK	0.0618819	0.230457	0.558951	-1.78907	0.0274947	0.299533	-3.33854	0.995451	0.997368	-1.00264	0.806709	0.892843	-1.12002	0.0407661	0.335528	-2.98038
cg03805182	ZFHX3;ZFHX3	0.0618826	0.499453	0.608475	-1.64345	0.0627652	0.219303	-4.5599	0.0084902	0.0876366	-11.4108	0.079741	0.244355	-4.0924	0.265609	0.431423	-2.31791
cg19520280	COL4A2	0.0618826	0.269487	0.68207	-1.46613	0.0245293	2.43837	2.43837	0.910592	0.963314	-1.03808	0.654777	0.860924	-1.16154	0.912429	0.964058	-1.03728
cg22516671	SLC25A42	0.0618829	0.493578	0.816128	-1.2253	0.523006	0.82764	-1.20825	0.751775	0.911437	-1.09717	0.766883	0.916787	-1.09077	0.707549	0.895714	-1.11643
cg24546463	SNX31	0.0618833	0.414153	0.703127	-1.42222	0.0841528	0.44654	-2.23944	0.716361	0.857312	-1.16644	0.853813	1.08093	1.08093	0.0979963	0.464941	-2.15081
cg18033671	TFG;TFG	0.0618836	0.909773	0.934178	-1.07046	0.0627715	0.284353	-3.51675	0.15513	0.401007	-2.49372	0.103056	0.342629	-2.91861	0.00497679	0.107208	-9.32768
cg07836887	DHX33	0.0618854	0.724087	1.11852	1.11852	0.0120441	0.37174	-2.69005	0.0081829	0.343223	-2.91356	0.223799	1.49763	1.49763	0.136984	0.602763	-1.65903
cg16863447	TMEM117	0.0618865	0.61723	1.0824	1.0824	0.208349	1.23175	1.23175	0.1399	1.28351	1.28351	0.4665	0.890079	-1.1235	0.99719	1.00055	1.00055
cg17151990	FAM110B;FAM110B	0.0618868	0.15838	1.50394	1.50394	0.729633	0.910376	-1.09845	0.940931	1.02026	1.02026	0.300418	1.33698	1.33698	0.00238608	0.317955	-3.1451
cg08477768	RAB3C	0.0618872	0.0480429	0.321646	-3.109	0.0051491	0.15654	-6.38813	0.0344733	0.290009	-3.44816	0.16868	0.478943	-2.08793	0.0375553	0.29787	-3.35716
cg15006869	FAM19A5;FAM19A5	0.0618876	0.100982	0.402717	-2.48313	0.188979	2.0232	2.0232	0.554594	1.35344	1.35344	0.648273	0.792504	-1.26182	0.0133441	0.211796	-4.72153
cg25916505	ZNF397;ZNF397	0.0618893	0.935794	0.992158	-1.0079	0.353154	0.910865	-1.09786	0.293881	0.899069	-1.11226	0.653589	0.956816	-1.04513	0.0577626	0.810863	-1.23325
cg20070418	PER2	0.0618899	0.27541	1.36952	1.36952	0.00195115	0.29701	-3.36689	0.503474	0.82848	-1.20703	0.575191	1.1699	1.1699	0.0788644	0.582274	-1.7174
cg06108459	PTK7;PTK7;PTK7;PTK7	0.0618911	0.248071	0.720626	-1.38768	0.465936	0.817648	-1.22302	0.718779	0.906545	-1.10309	0.978795	0.992815	-1.00724	0.00109479	0.27071	-3.69399
cg24369856	DOPEY1;DOPEY1	0.0618912	0.286053	0.830005	-1.20481	0.847493	1.03291	1.03291	0.0156591	1.64585	1.64585	0.438729	1.14205	1.14205	0.567971	0.907496	-1.10193
cg22469020	DCDC2	0.0618916	0.0374355	0.343453	-2.91161	0.0428908	0.356547	-2.80468	0.71097	0.848129	-1.17907	0.437557	0.704361	-1.41973	0.00407363	0.181537	-5.50851
cg26764579	OSTN	0.0618938	0.811289	1.0444	1.0444	0.279558	0.81531	-1.22653	0.0291984	0.627036	-1.5948	0.449212	1.15035	1.15035	0.0317661	1.57964	1.57964
cg12145349	NAA40	0.0618939	0.0595578	0.501673	-1.99333	0.0636187	1.96698	1.96698	0.341749	1.37408	1.37408	0.832612	1.07107	1.07107	0.014424	0.376003	-2.65956
cg01347957	LGALS3BP	0.0618944	0.0490823	0.585853	-1.70691	0.470705	0.839755	-1.19082	0.881245	1.03622	1.03622	0.324319	0.784855	-1.27412	0.0202769	0.513714	-1.94661
cg27041424	VWF	0.061895	0.232411	0.645848	-1.54835	0.131576	0.5665	-1.76522	0.00839958	0.308719	-3.23919	0.723969	0.883566	-1.13178	0.807318	0.918233	-1.08905
cg12162530	KL	0.0618959	0.0658297	2.54012	2.54012	0.00504675	5.33745	5.33745	0.282201	1.65648	1.65648	0.668698	1.21461	1.21461	0.907252	0.948725	-1.05405
cg24085713	AATK;MIR338	0.0618987	0.107833	2.00894	2.00894	0.0588986	2.33534	2.33534	0.419646	1.38795	1.38795	0.222244	1.66529	1.66529	0.995471	1.00226	1.00226
cg11178666	SLC33A1	0.0618988	0.432448	0.876028	-1.14152	0.0976873	0.740662	-1.35014	0.0402917	0.6761	-1.47907	0.479535	0.888027	-1.12609	0.0142164	0.606711	-1.64823
cg03266200	SBF1	0.0618992	0.0217138	1.73032	1.73032	0.0906969	1.44901	1.44901	0.536907	1.13249	1.13249	0.151213	1.35805	1.35805	0.325708	0.817154	-1.22376
cg16271954	LY6G6D	0.0619006	0.561522	1.16376	1.16376	0.00476437	2.6331	2.6331	0.93893	1.01999	1.01999	0.867321	0.957724	-1.04414	0.0225073	0.493609	-2.02589
cg10629420	ARHGEF16	0.0619021	0.724521	0.943642	-1.05972	0.06733	1.39947	1.39947	0.383298	0.863669	-1.15785	0.157399	0.780464	-1.28129	0.160899	0.782302	-1.27828
cg18635207	TMEM90A	0.061903	0.0304138	0.189048	-5.28965	0.260938	0.464116	-2.15463	0.022376	0.166682	-5.99943	0.615525	0.717831	-1.39309	0.0396875	0.210714	-4.74578
cg00800512	ZIK1	0.0619053	0.396218	0.895231	-1.11703	0.102971	1.25513	1.25513	0.0934817	1.26491	1.26491	0.448902	0.906375	-1.1033	0.762208	0.96208	-1.03941
cg15744692	LOC145663;GATM	0.0619056	0.0425939	0.545071	-1.83462	0.147397	0.667586	-1.49793	0.234462	1.38258	1.38258	0.553219	1.16872	1.16872	0.333557	0.771625	-1.29597
cg20864579	OMP;CAPN5	0.0619077	0.643182	0.884667	-1.13037	0.285605	0.747272	-1.3382	0.0500544	0.556027	-1.79847	0.591478	0.867346	-1.15294	0.00345583	0.352429	-2.83745
cg26352073	ABCA9	0.0619084	0.0460859	0.623701	-1.60333	0.35286	1.21422	1.21422	0.51321	0.874297	-1.14378	0.436023	1.17485	1.17485	0.00373117	0.435332	-2.2971
cg03497399	SUSD5	0.0619103	0.119894	0.411183	-2.43201	0.00856568	5.85014	5.85014	0.496458	1.43864	1.43864	0.251947	1.87831	1.87831	0.893886	0.93212	-1.07282
cg13675958	C13orf27	0.061911	0.512545	0.904069	-1.10611	0.0519232	1.39908	1.39908	0.374058	0.870624	-1.1486	0.86397	0.974299	-1.02638	0.279267	0.842986	-1.18626
cg13710542	EXD3	0.0619117	0.00368597	0.367299	-2.72258	0.828207	0.946054	-1.05702	0.902844	1.03165	1.03165	0.0776544	0.606274	-1.64942	0.0200021	0.488533	-2.04695
cg07406191	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.061912	0.0665364	0.136792	-7.31038	0.33288	2.62685	2.62685	0.279435	2.96596	2.96596	0.307408	0.360033	-2.77752	0.0715223	0.142878	-6.99896
cg03298312	ZNF716;ZNF716	0.0619123	0.911161	0.962848	-1.03859	0.0589929	0.485141	-2.06126	0.764889	0.903265	-1.10709	0.626782	0.846856	-1.18084	0.0918427	0.532827	-1.87678
cg26312542	TEX12;TEX12	0.0619127	0.151103	1.65609	1.65609	0.745268	0.898624	-1.11281	0.0754271	0.52257	-1.91362	0.253908	1.47796	1.47796	0.413585	0.76028	-1.3153
cg00925087	LHCGR	0.0619128	0.449602	0.755244	-1.32408	0.515097	0.786245	-1.27187	0.0145293	0.333901	-2.9949	0.802744	0.912841	-1.09548	0.573281	0.812732	-1.23042
cg16332701	ADI1	0.0619146	0.823487	1.09514	1.09514	0.577237	0.795268	-1.25744	0.0411339	0.383461	-2.60783	0.889485	0.945012	-1.05819	0.00339857	0.197935	-5.05217
cg01987333	NEU4;NEU4;NEU4;NEU4;NEU4	0.0619167	0.472161	0.693101	-1.44279	0.811054	1.12756	1.12756	0.135193	0.446095	-2.24168	0.137242	2.23082	2.23082	0.0127312	0.211893	-4.71935
cg19434221	ABHD12;ABHD12	0.0619168	0.54055	0.885664	-1.1291	0.197403	0.765646	-1.30609	0.00945458	0.524904	-1.90511	0.986821	0.996768	-1.00324	0.628748	0.908937	-1.10019
cg18299778	MTA1	0.0619205	0.093733	2.6444	2.6444	0.19634	2.0561	2.0561	0.352104	1.65735	1.65735	0.134445	2.34321	2.34321	0.104123	2.55349	2.55349
cg02723406	MAVS	0.0619206	0.557153	0.815869	-1.22569	0.500445	1.26416	1.26416	0.897055	0.956604	-1.04536	0.593039	0.831192	-1.20309	0.832167	1.07545	1.07545
cg27194187	ZNF335;ZNF335	0.0619206	0.223439	1.28616	1.28616	0.0759973	0.678079	-1.47476	0.0475074	0.640191	-1.56203	0.634431	1.09883	1.09883	0.616431	1.10447	1.10447
cg00533182	PPP1R16A	0.0619209	0.171689	2.1716	2.1716	0.444817	1.51456	1.51456	0.895625	1.07246	1.07246	0.101627	2.59897	2.59897	0.809676	1.13723	1.13723
cg25103419	ERC1;ERC1;ERC1;ERC1;ERC1	0.0619212	0.123466	0.461033	-2.16904	0.415357	1.47158	1.47158	0.0332722	0.315163	-3.17296	0.262613	0.581579	-1.71946	0.708296	0.839951	-1.19055
cg20553016	SH3BP4	0.0619235	0.711298	0.842101	-1.18751	0.916438	0.952641	-1.04971	0.0594752	0.374042	-2.6735	0.899117	0.943053	-1.06039	0.00308471	0.153765	-6.50345
cg14163776	ACAP2	0.0619245	0.0408748	0.301742	-3.31409	0.997567	0.998453	-1.00155	0.346489	0.611306	-1.63584	0.546131	0.733379	-1.36355	0.153959	0.460772	-2.17027
cg04175049	SBF1	0.0619251	0.419436	1.32457	1.32457	0.067521	0.497612	-2.0096	0.0176322	0.373904	-2.67448	0.114132	0.556776	-1.79606	0.0691849	0.50019	-1.99924
cg25635840	PIGS	0.0619273	0.170825	1.2047	1.2047	0.906678	1.01509	1.01509	0.0836214	1.277	1.277	0.0212031	1.42444	1.42444	0.00876447	1.53162	1.53162
cg23383189	NSD1;NSD1;NSD1	0.0619274	0.803824	1.24433	1.24433	0.0864786	5.27633	5.27633	0.10193	4.81807	4.81807	0.0796542	5.52038	5.52038	0.665852	0.682771	-1.46462
cg17059502	STAMBP;STAMBP;STAMBP;STAMBP;STAMBP	0.0619283	0.249774	0.430925	-2.32059	0.384105	1.8675	1.8675	0.865258	0.887928	-1.12622	0.752445	0.801344	-1.2479	?	?	?
cg11106331	PLXNB2	0.0619289	0.0966097	0.784902	-1.27404	0.10609	1.26408	1.26408	0.114449	0.796157	-1.25603	0.993977	0.998998	-1.001	0.732102	0.955399	-1.04668
cg03873608	DMXL2	0.0619302	0.244954	0.864369	-1.15691	0.0352408	1.34165	1.34165	0.0178638	1.412	1.412	0.770441	0.965543	-1.03569	0.193892	1.17907	1.17907
cg16565409	RPL23A;SNORD4A	0.0619338	0.00516041	0.126351	-7.91443	0.520095	0.694045	-1.44083	0.704228	0.807639	-1.23818	0.292241	0.542212	-1.8443	0.0399172	0.264392	-3.78226
cg14112978	P4HA1;P4HA1;P4HA1;P4HA1	0.061935	0.0278564	2.52257	2.52257	0.0632824	0.475416	-2.10342	0.0613854	0.472223	-2.11765	0.216713	0.629555	-1.58842	0.924255	1.03443	1.03443
cg24629392	LOC388796;SNORA71A;LOC388796	0.0619351	0.0140133	0.270281	-3.69986	0.458208	1.38506	1.38506	0.293908	0.625323	-1.59917	0.0820837	0.435726	-2.29502	0.0366147	0.350877	-2.85
cg09578028	HOXD9	0.0619366	0.273331	2.38459	2.38459	0.878392	1.1238	1.1238	0.76047	1.2625	1.2625	0.902439	1.09799	1.09799	0.790182	0.816045	-1.22542
cg11347730	D2HGDH	0.0619374	0.658505	1.05069	1.05069	0.0359535	0.762438	-1.31158	0.0910832	1.22985	1.22985	0.309503	0.889666	-1.12402	0.182779	0.854568	-1.17018
cg12028455	RPTOR;RPTOR	0.0619382	0.0348022	3.4292	3.4292	0.194209	1.98968	1.98968	0.144528	0.456089	-2.19255	0.118881	2.33465	2.33465	0.372371	0.63208	-1.58208
cg11695684	CHRND	0.0619416	0.269851	0.707931	-1.41257	0.684703	1.13057	1.13057	0.0129088	0.395388	-2.52916	0.495946	1.23101	1.23101	0.00962757	0.373394	-2.67814
cg02255918	RBM6;RBM6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10503854	EIF4A3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25822376	KCND2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27285056	NAPSA;NAPSA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11365072	KIF4B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22274285	MGAT5B;MGAT5B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14742937	ADAM5P	0.0619454	0.0181747	15.598	15.598	0.0907961	5.95756	5.95756	0.927104	1.09161	1.09161	0.347193	0.395665	-2.52739	0.885909	1.14743	1.14743

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14242292	0.133205	1.34137	1.34137	0.005807	0.519414	-1.92525	0.108839	0.728288	-1.37308	0.546472	0.895253	-1.117	3.12147	1.62506	0.462762	1
cg05060534	0.920904	0.976214	-1.02437	0.0416143	1.76715	1.76715	0.820642	1.05658	1.05658	0.191554	0.715247	-1.39812	3.12144	2.90435	0.827068	1
cg22220991	0.0102646	0.199969	-5.00078	0.151907	0.465922	-2.14628	0.816754	0.890934	-1.12242	0.498642	0.710523	-1.40741	3.1643	11.0273	3.48492	1
cg00546594	0.26633	1.22699	1.22699	0.00223645	0.469491	-2.12997	0.960904	0.991379	-1.0087	0.541208	0.896508	-1.11544	3.12139	1.54227	0.439198	1
cg06850660	0.116368	0.355375	-2.81393	0.0145484	0.161228	-6.2024	0.0128954	0.15383	-6.50069	0.120099	0.359733	-2.77984	3.12138	18.1747	5.17567	1
cg23664174	0.995625	0.99727	-1.00274	0.154067	0.467337	-2.13978	0.108037	2.39689	2.39689	0.0320907	0.286013	-3.49634	3.12137	12.2869	3.499	1
cg25545336	0.0180442	1.2546	1.2546	0.266356	0.91261	-1.09576	0.436102	0.93919	-1.06475	0.344984	0.926072	-1.07983	3.12136	0.308228	0.087776	1
cg00069417	0.88926	0.959458	-1.04226	0.049537	1.9458	1.9458	0.458793	1.25118	1.25118	0.816734	1.07139	1.07139	3.12135	4.36251	1.24234	1
cg12934046	0.744971	0.9436	-1.05977	0.207301	0.789368	-1.26684	0.594035	1.10041	1.10041	0.0549918	1.4726	1.4726	3.12133	1.5639	0.445366	1
cg02851558	0.329053	0.756313	-1.3222	0.133299	1.56677	1.56677	0.00310252	0.325669	-3.0706	0.235235	0.708268	-1.4119	3.12133	3.80043	1.08228	1
cg03101763	0.453839	0.809168	-1.23584	0.00973225	2.47802	2.47802	0.098251	1.65413	1.65413	0.171777	0.667836	-1.49737	3.12132	3.8073	1.08424	1
cg14174946	0.363959	0.491912	-2.03289	0.00968612	12.0487	12.0487	0.0110929	11.2655	11.2655	0.070201	4.6609	4.6609	3.12127	28.5868	8.14108	1
cg05384102	0.0745388	1.69797	1.69797	0.0124063	2.29188	2.29188	0.128957	0.645822	-1.54841	0.960042	0.986737	-1.01344	3.12125	3.51067	0.999791	1
cg16107224	0.709036	0.929343	-1.07603	0.0893783	1.44218	1.44218	0.0167934	0.565259	-1.7691	0.531453	1.13192	1.13192	3.12123	1.88915	0.538008	1
cg20588285	0.0608118	2.5664	2.5664	0.287735	1.63597	1.63597	0.00536182	5.13118	5.13118	0.0680024	2.48803	2.48803	3.12118	9.83092	2.79978	1
cg07374928	0.189688	0.728014	-1.3736	0.172193	1.39383	1.39383	0.179343	0.721857	-1.38532	0.409513	0.824693	-1.21257	3.12114	2.58117	0.735109	1
cg15804973	0.13888	0.544692	-1.8359	0.0121515	0.303615	-3.29364	0.0924567	0.493519	-2.02626	0.731675	1.14027	1.14027	3.12113	7.18935	2.04751	1
cg20081286	0.223786	1.14898	1.14898	0.336713	0.89796	-1.11364	0.360931	1.10744	1.10744	0.00248463	1.57915	1.57915	3.12112	0.583653	0.166223	1
cg01502872	0.444769	0.614852	-1.62641	0.14627	2.64772	2.64772	0.171852	2.47952	2.47952	0.179738	0.410819	-2.43416	3.12109	19.2684	5.48765	1
cg00057114	0.991667	1.00178	1.00178	0.00339429	1.97099	1.97099	0.56045	0.904574	-1.10549	0.435058	1.14532	1.14532	3.12102	1.43469	0.408612	1
cg18810922	0.539462	1.17256	1.17256	0.00199167	0.326752	-3.06042	0.623091	0.880796	-1.13534	0.0417002	0.547947	-1.82499	3.121	3.2453	0.92429	1
cg10477989	0.894241	1.0117	1.0117	0.0104372	0.754206	-1.3259	0.365206	1.0848	1.0848	0.16188	1.1396	1.1396	3.12099	0.378358	0.10776	1
cg21093005	0.210642	0.725956	-1.37749	0.00329962	0.378375	-2.64288	0.859321	1.04402	1.04402	0.235889	0.739637	-1.35202	3.12099	2.91404	0.829947	1
cg14772599	0.193276	0.763231	-1.31022	0.27776	1.24798	1.24798	0.993991	0.998523	-1.00148	0.0825401	0.685639	-1.45849	3.12098	1.90401	0.542283	1
cg25112291	0.0648614	0.310745	-3.21807	0.00397745	0.112729	-8.87082	0.168686	0.437458	-2.28593	0.0162978	0.190945	-5.23712	3.12096	15.7074	4.47366	1
cg11068352	0.930804	1.064	1.064	0.573844	1.5007	1.5007	0.340481	0.495726	-2.01724	0.0142288	0.115302	-8.67284	3.12093	25.223	7.18391	1
cg03650189	0.483778	0.697188	-1.43433	0.0875477	0.384444	-2.60116	0.686413	0.81406	-1.22841	0.342611	0.609212	-1.64146	3.12091	12.6987	3.61681	1
cg08479476	0.0079038	6.67446	6.67446	0.140815	2.41735	2.41735	0.606106	1.33619	1.33619	0.357299	1.69469	1.69469	3.12088	15.3458	4.37081	1
cg20157693	0.377843	0.771367	-1.2964	0.104199	0.600726	-1.66465	0.690778	0.891623	-1.12155	0.520185	0.829436	-1.20564	3.12087	4.06813	1.15869	1
cg23608997	0.178781	0.868064	-1.15199	0.259204	1.12367	1.12367	0.98194	1.00224	1.00224	0.116045	1.18435	1.18435	3.12086	0.484984	0.138134	1
cg23470729	0.0886364	0.344713	-2.90097	0.00614189	7.59335	7.59335	0.0404885	3.82542	3.82542	0.636993	1.30936	1.30936	3.12085	15.8924	4.52652	1
cg03706875	0.086323	2.4275	2.4275	0.307797	0.610126	-1.63901	0.238999	1.78098	1.78098	0.853317	0.917021	-1.09049	3.12083	10.8274	3.08391	1
cg26095194	0.132282	0.856055	-1.16815	0.0190861	0.76228	-1.31185	0.746692	0.969467	-1.0315	0.0922558	1.194	1.194	3.12083	0.452497	0.128882	1
cg08841910	0.621642	0.887331	-1.12698	0.00155272	0.335104	-2.98415	0.928149	1.02191	1.02191	0.468141	0.83746	-1.19409	3.12083	2.85391	0.812864	1
cg11033617	0.574224	0.697901	-1.43287	0.0055937	0.0997381	-10.0263	0.480262	0.63468	-1.5756	0.278748	0.489902	-2.04123	3.12083	19.8418	5.65143	1
cg16129213	0.833602	0.962837	-1.0386	0.146466	0.755334	-1.32392	0.58516	1.10432	1.10432	0.955492	1.0101	1.0101	3.12077	1.60175	0.456225	1
cg21593554	0.669497	0.874239	-1.14385	0.0458212	0.488424	-2.0474	0.631708	0.859705	-1.16319	0.142461	0.610482	-1.63805	3.12073	4.84263	1.37935	1
cg16429208	0.283972	0.378562	-2.64158	0.0275781	0.102932	-9.71511	0.0227095	0.0925489	-10.8051	0.0874802	0.192759	-5.18784	3.12069	37.6406	10.7214	1
ch.5.1324828F	0.12862	1.17804	1.17804	0.0556827	0.805481	-1.24149	0.809324	1.02441	1.02441	0.288618	0.895921	-1.11617	3.12066	0.491941	0.140124	1
cg17881997	0.0856964	1.6843	1.6843	0.00229013	3.22284	3.22284	0.416422	1.25605	1.25605	0.379437	1.28081	1.28081	3.12062	3.72353	1.06062	1
cg11917694	0.685835	0.93349	-1.07125	0.00748528	0.558398	-1.79084	0.209425	0.7994	-1.25094	0.222692	0.805038	-1.24218	3.12056	1.41558	0.403227	1
cg16601151	0.603364	0.881809	-1.13403	0.0580025	1.70997	1.70997	?	?	?	0.0370621	1.84503	1.84503	3.81249	2.55904	0.575337	1
cg23742080	0.742196	1.24367	1.24367	0.0154197	9.60491	9.60491	?	?	?	0.160496	2.80879	2.80879	4.51336	15.8319	3.50778	1
cg08931917	0.586928	0.820015	-1.21949	0.0206798	0.364999	-2.73973	0.10739	0.529591	-1.88825	0.463016	1.31025	1.31025	3.12048	6.46661	1.84206	1
cg18931398	0.74713	1.10109	1.10109	0.852544	0.946115	-1.05695	0.0339099	2.09006	2.09006	0.825581	0.93641	-1.06791	3.12045	4.37958	1.24756	1
cg21276022	0.0163606	0.708015	-1.4124	0.00868868	1.48212	1.48212	0.222248	0.859915	-1.16291	0.956593	1.00642	1.00642	3.12044	0.684108	0.194875	1
cg03731078	0.0455128	0.469927	-2.12799	0.00805173	0.327014	-3.05798	0.582607	1.20053	1.20053	0.26375	0.681403	-1.46756	3.12043	5.35834	1.52638	1
cg08623810	0.190635	1.76246	1.76246	0.0364269	2.70322	2.70322	0.00610613	4.32152	4.32152	0.254382	1.6269	1.6269	3.12042	8.26421	2.35415	1
cg25686891	0.352045	0.823631	-1.21414	0.00805698	1.98906	1.98906	0.393923	1.19354	1.19354	0.656298	1.09499	1.09499	3.12042	2.02861	0.577875	1
cg06654118	0.937426	0.95716	-1.04476	0.0757096	0.332055	-3.01155	0.00324233	9.38398	9.38398	0.489106	0.675793	-1.47974	3.12041	15.3687	4.37796	1
cg12411309	0.489763	1.26431	1.26431	0.157035	0.602965	-1.65847	0.35446	0.727287	-1.37497	0.81108	0.923074	-1.08334	3.12041	5.52201	1.57301	1
cg04691795	0.104785	1.48777	1.48777	0.0133449	1.98754	1.98754	0.754117	1.07295	1.07295	0.127987	1.44594	1.44594	3.1204	2.48184	0.706985	1
cg10406690	0.775694	1.06795	1.06795	0.528031	0.863194	-1.15849	0.529661	1.1578	1.1578	0.0542761	1.653	1.653	3.1204	2.61691	0.745462	1
cg14673936	0.529917	0.793716	-1.2599	0.81287	0.917503	-1.08992	0.139947	0.561809	-1.77997	0.1379	0.559874	-1.78611	3.12037	6.51447	1.85575	1
cg03625415	0.00657224	0.0871527	-11.4741	0.201562	0.393643	-2.54037	0.620337	0.708074	-1.41228	0.703554	0.767746	-1.30251	3.12033	23.6171	6.7278	1
cg01528321	0.508674	0.820007	-1.2195	0.285487	1.38866	1.38866	0.049872	1.93868	1.93868	0.249975	0.700587	-1.42737	3.12033	4.32931	1.23329	1
cg23442326	0.677538	0.901501	-1.10926	0.0114596	0.456363	-2.19124	?	?	?	0.788621	1.0689	1.0689	3.16315	2.7382	0.865658	1
cg20962955	0.135917	1.47823	1.47823	0.0299182	1.86138	1.86138	0.0399231	1.7818	1.7818	0.031039	1.85102	1.85102	3.12028	2.92354	0.832841	1
cg01516809	0.266573	1.1449	1.1449	0.353298	0.894361	-1.11812	0.199926	0.8536	-1.17151	0.0295015	0.741084	-1.34938	3.12028	0.675319	0.192382	1
cg25215329	?	?	?	?	?	?	0.0651123	4.38592	4.38592	?	?	?	4.51273	15.857	3.51385	1
cg12357484	0.0860165	3.68275	3.68275	0.193727	2.57275	2.57275	0.0317763	5.63833	5.63833	0.0649833	4.15363	4.15363	3.12019	23.3361	6.64807	1
cg22571564	0.359248	0.853644	-1.17145	0.0535433	0.692078	-1.44492	0.828039	0.964141	-1.03719	0.041668	0.674222	-1.48319	3.12016	1.39252	0.396709	1
cg04724873	0.581505	1.31843	1.31843	0.00597452	0.167869	-5.95703	0.040584	3.23557	3.23557	0.845492	0.907664	-1.10173	3.12016	12.1851	3.47135	1
cg07352586	0.885742	1.02174	1.02174	0.0744725	0.742857	-1.34615	0.745084	1.05001	1.05001	0.035251	1.44312	1.44312	3.12015	1.10566	0.314987	1
cg14172428	0.73665	0.889858	-1.12378	0.0280237	0.407663	-2.45301	0.628403	1.18366	1.18366	0.641017	0.850138	-1.17628	3.12014	5.90688	1.6828	1
cg12141218	0.340101	0.580188	-1.72358	0.31876	0.565202	-1.76928	0.00465256	0.124409	-8.03801	0.0917822	0.357752	-2.79523	3.12013	15.1516	4.31653	1
cg16318349	0.125361	0.463566	-2.15719	0.00675255	0.196413	-5.09132	0.113535	0.450191	-2.22128	0.207135	0.53979	-1.85257	3.12012	10.6149	3.02407	1
cg13985135	0.248679	1.53513	1.53513	0.75357	1.11845	1.11845	0.836892	1.07603	1.07603	0.0687158	0.48471	-2.06309	3.12007	6.24349	1.77873	1
cg04975966	0.563402	0.817387	-1.22341	0.474116	1.28568	1.28568	0.678846	1.15456	1.15456	0.360399	1.38344	1.38344	3.12005	5.88795	1.67745	1
cg17038444	0.103921	0.748011	-1.33688	0.0217894	0.637892	-1.56766	0.898348	1.02109	1.02109	0.371728	0.860916	-1.16155	3.12005	1.31759	0.375374	1
cg24654185	0.819249	1.05194	1.05194	0.0452794	1.66211	1.66211	0.166522	0.721558	-1.38589	0.283584	1.2795	1.2795	3.12005	2.41854	0.68903	1
cg11173579	0.114614	0.452304	-2.2109	0.00826259	0.20979	-4.76666	0.0241123	0.288352	-3.46799	0.264143	0.583815	-1.71287	3.12003	10.5641	3.00968	1
cg03805182	0.0739471	0.236151	-4.23458	0.0197327	0.129956	-7.69491	0.031424	0.160582	-6.22734	0.13748	0.31375	-3.18725	3.12002	25.9494	7.39295	1
cg19520280	0.00712172	0.314553	-3.17912	0.0763864	0.51895	-1.92697	0.970189	1.01251	1.01251	0.434719	0.767056	-1.30369	3.12002	5.47072	1.5586	1
cg22516671	0.802665	1.07592	1.07592	0.00093017	0.235866	-4.2397	0.673402	1.13189	1.13189	0.794775	1.07916	1.07916	3.12001	4.22014	1.20232	1
cg24546463	0.411888	1.42476	1.42476	0.00903821	4.05569	4.05569	0.0694542	0.424507	-2.35567	0.392106	0.690781	-1.44764	3.12	8.79679	2.5062	1
cg18033671	0.0134554	0.159161	-6.28294	0.608305	0.733103	-1.36407	0.162155	0.408023	-2.45084	0.217425	0.458688	-2.18013	3.12	17.8258	5.07858	1
cg07836887	0.661602	1.14934	1.14934	0.903816	0.962517	-1.03894	0.856451	1.05889	1.05889	0.849385	0.941689	-1.06192	3.11996	4.93481	1.40595	1
cg16863447	0.653788	0.931515	-1.07352	0.00287542	0.525028	-1.90466	0.316186	0.849723	-1.17685	0.385148	1.15018	1.15018	3.11994	1.2202	0.347642	1
cg17151990	0.970195	1.01016	1.01016	0.817759	0.939444	-1.06446	0.314217	1.32535	1.32535	0.305479	1.33265	1.33265	3.11993	3.61924	1.03114	1
cg08477768	0.562047	0.745091	-1.34212	0.0665726	0.356097	-2.80822	0.173189	0.483128	-2.06985	0.483429	0.699432	-1.42973	3.11993	12.449	3.54681	1
cg15006869	0.223516	0.523306	-1.91093	0.0162246	0.225649	-4.43165	0.135494	0.442766	-2.25853	0.190217	0.495354	-2.01876	3.11992	12.6697	3.6097	1
cg25916505	0.978222	0.997336	-1.00267	0.0194436	1.31796	1.31796	0.0117749	0.735336	-1.35992	0.333745	0.907168	-1.10233	3.11988	0.471865	0.134439	1
cg20070418	0.771191	0.922365	-1.08417	0.334532	0.758946	-1.31762	0.872548	1.0455	1.0455	0.782101	0.92604	-1.07987	3.11987	3.79505	1.08125	1
cg06108459	0.64266	1.13517	1.13517	0.219786	0.704616	-1.41921	0.642384	0.880834	-1.13529	0.242273	0.717446	-1.39383	3.11985	3.63769	1.03643	1
cg24369856	0.763028	0.950418	-1.05217	0.64824	0.925663	-1.08031	0.00979617	1.73185	1.73185	0.0626902	1.42226	1.42226	3.11985	1.39747	0.39816	1
cg22469020	0.0884344	0.435233	-2.29762	0.133544	0.488618	-2.04659	0.0571165	0.385749	-2.59236	0.283731	0.610868	-1.63701	3.11984	9.67756	2.75728	1
cg26764579	0.944161	0.987358	-1.0128	0.0407971	1.53559	1.53559	0.525289	1.12403	1.12403	0.11429	0.731978	-1.36616	3.1198	1.63014	0.464457	1
cg12145349	0.426908	0.768621	-1.30103	0.151256	0.607216	-1.64686	0.364918	1.35257	1.35257	0.170274	0.622641	-1.60606	3.11979	5.19975	1.48151	1
cg01347957	0.279739	0.765335	-1.30662	0.00594174	0.424766	-2.35424	0.0339532	0.554772	-1.80254	0.22355	0.737599	-1.35575	3.11978	2.79884	0.797446	1
cg27041424	0.647019	0.851329	-1.17463	0.180743	0.608872	-1.64238	0.00389686	0.257496	-3.88355	0.376669	0.728542	-1.3726	3.11977	6.02199	1.71579	1
cg12162530	0.216642	1.79885	1.79885	0.1087	2.20374	2.20374	0.0111083	4.21164	4.21164	0.37568	1.50773	1.50773	3.11975	10.0779	2.87143	1
cg24085713	0.0454768	2.48933	2.48933	0.263969	1.58873	1.58873	0.0487868	2.44653	2.44653	0.00345757	4.84675	4.84675	3.1197	7.80988	2.22525	1
cg11178666	0.197487	1.25241	1.25241	0.0627987	1.41322	1.41322	0.68207	0.934215	-1.07042	0.824242	0.963917	-1.03743	3.1197	1.34865	0.384269	1
cg03266200	0.816461	0.95479	-1.04735	0.0630865	0.659674	-1.5159	0.08286	0.682386	-1.46545	0.384492	0.837419	-1.19415	3.11969	1.95642	0.55744	1
cg16271954	0.947696	1.01709	1.01709	0.361182	0.784669	-1.27442	0.883693	0.96289	-1.03854	0.317175	1.30621	1.30621	3.11966	3.29751	0.939562	1
cg10629420	0.403707	0.869287	-1.15037	0.0183596	1.59859	1.59859	0.160008	1.27904	1.27904	0.0910122	1.35689	1.35689	3.11963	1.32791	0.378366	1
cg18635207	0.0957365	0.301796	-3.3135	0.0185389	0.154208	-6.48474	0.0270204	0.180114	-5.55203	0.1276	0.340064	-2.94062	3.11961	21.1787	6.03457	1
cg00800512	0.49463	1.09236	1.09236	0.00415935	0.613055	-1.63117	0.388611	0.893548	-1.11913	0.999666	0.999947	-1.00005	3.11957	0.801726	0.228443	1
cg15744692	0.999006	1.00032	1.00032	0.0221455	2.04013	2.04013	0.210478	0.709641	-1.40916	0.0823828	1.64896	1.64896	3.11956	3.33816	0.951176	1
cg20864579	0.342671	1.2928	1.2928	0.171979	1.46511	1.46511	0.372964	0.786424	-1.27158	0.880615	0.96129	-1.04027	3.11952	3.40918	0.971425	1
cg26352073	0.426757	0.84826	-1.17888	0.650925	1.09656	1.09656	0.661135	0.914613	-1.09336	0.0984447	0.689594	-1.45013	3.36454	2.13177	0.4928	1
cg03497399	0.461257	1.4845	1.4845	0.109667	0.399085	-2.50573	0.0730351	2.86658	2.86658	0.381494	0.62327	-1.60444	3.11947	13.7066	3.90569	1
cg13675958	0.0205491	0.654636	-1.52757	0.0180441	0.646508	-1.54677	0.6277	1.07703	1.07703	0.100354	0.76084	-1.31434	3.11946	1.13908	0.324582	1
cg13710542	0.627878	0.882815	-1.13274	0.613923	1.13861	1.13861	0.962569	1.01205	1.01205	0.232343	0.726434	-1.37659	3.11944	3.21696	0.916678	1
cg07406191	0.136244	0.211784	-4.72178	0.04387	0.10651	-9.38879	0.122127	0.197904	-5.05294	0.0157894	0.0573008	-17.4518	3.11943	46.1846	13.1604	1
cg03298312	0.0524761	0.47332	-2.11273	0.0110097	2.95036	2.95036	0.875941	1.05442	1.05442	0.206149	0.636128	-1.57201	3.11943	5.6848	1.6199	1
cg26312542	0.278479	1.44701	1.44701	0.00663422	3.17502	3.17502	0.081126	1.88526	1.88526	0.885432	1.04841	1.04841	3.11942	5.31172	1.51359	1
cg00925087	0.0568145	0.455925	-2.19334	0.00990186	0.305055	-3.2781	0.485052	0.772209	-1.29499	0.0148623	0.33567	-2.97911	3.11942	6.5584	1.86884	1
cg16332701	0.0487904	0.400359	-2.49776	0.0643281	0.429336	-2.32918	0.817788	0.910394	-1.09843	0.321945	0.659524	-1.51625	3.11938	8.17542	2.32964	1
cg01987333	0.305529	1.70204	1.70204	0.417519	0.660139	-1.51483	0.158322	2.12967	2.12967	0.064272	2.8353	2.8353	3.11934	12.4134	3.53734	1
cg19434221	0.07933	1.4648	1.4648	0.0429161	0.633425	-1.57872	0.145632	1.35824	1.35824	0.899858	0.975629	-1.02498	3.11934	1.89744	0.540697	1
cg18299778	0.318576	1.72267	1.72267	0.00207377	9.85129	9.85129	0.122616	2.41731	2.41731	0.0540239	3.17045	3.17045	3.11927	13.752	3.91887	1
cg02723406	0.00610139	0.293202	-3.41062	0.361936	1.37876	1.37876	0.0242519	0.398287	-2.51075	0.135792	1.73493	1.73493	3.11926	5.80335	1.65376	1
cg27194187	0.00800207	0.512387	-1.95165	0.430747	1.17143	1.17143	0.333064	0.821644	-1.21707	0.431182	1.17125	1.17125	3.11926	1.91232	0.544949	1
cg00533182	0.0555808	3.17765	3.17765	0.00348684	8.26927	8.26927	0.0390035	3.57289	3.57289	0.0747095	2.88068	2.88068	3.11926	14.0316	3.99855	1
cg25103419	0.721762	0.847106	-1.18049	0.0447833	0.343375	-2.91227	0.915933	0.952182	-1.05022	0.0044754	0.172212	-5.80678	3.11925	10.6384	3.03161	1
cg20553016	0.143666	0.483686	-2.06746	0.0285927	0.303016	-3.30016	0.99269	1.00424	1.00424	0.190461	0.526806	-1.89823	3.11921	10.557	3.00847	1
cg14163776	0.0612991	0.342871	-2.91655	0.0044441	0.145615	-6.86741	0.0448028	0.310599	-3.21958	0.0719539	0.360688	-2.77248	3.11919	12.7316	3.62819	1
cg04175049	0.00950431	0.32646	-3.06316	0.63828	0.851003	-1.17508	0.91275	0.963343	-1.03805	0.181702	0.616899	-1.62101	3.11918	5.73537	1.63444	1
cg25635840	0.644751	1.06108	1.06108	0.111366	0.801354	-1.24789	0.964579	1.00569	1.00569	0.678556	1.05466	1.05466	3.11913	0.805536	0.229561	1
cg23383189	0.665927	1.46448	1.46448	0.00942695	17.9975	17.9975	0.101047	4.84137	4.84137	0.0124526	15.3524	15.3524	3.11913	38.1064	10.8596	1
cg17059502	0.019565	0.13882	-7.20356	0.00840637	0.0948077	-10.5477	0.986885	1.01157	1.01157	0.224315	2.4434	2.4434	3.16192	21.8049	6.89609	1
cg11106331	0.643375	1.06386	1.06386	0.00756627	1.57805	1.57805	0.129863	1.24265	1.24265	0.785887	0.964491	-1.03682	3.1191	0.870892	0.248189	1
cg03873608	0.806495	0.971017	-1.02985	0.0840203	0.795239	-1.25748	0.252588	1.15398	1.15398	0.124476	1.22059	1.22059	3.11907	0.709467	0.202187	1
cg16565409	0.0370685	0.257662	-3.88106	0.10084	0.36545	-2.73635	0.0335495	0.248855	-4.01841	0.138998	0.409818	-2.44011	3.119	15.4996	4.41726	1
cg14112978	0.123326	1.81167	1.81167	0.101154	1.89468	1.89468	0.464133	1.30376	1.30376	0.801287	1.09393	1.09393	3.11898	6.26035	1.78416	1
cg24629392	0.0249896	0.316581	-3.15875	0.167695	0.53039	-1.88541	0.510102	0.749665	-1.33393	0.03715	0.352245	-2.83893	3.11898	9.18635	2.61805	1
cg09578028	0.634092	0.69383	-1.44128	0.0261855	7.46946	7.46946	0.00209348	27.1106	27.1106	0.728135	1.30476	1.30476	3.11895	28.7048	8.18076	1
cg11347730	0.0799121	0.805727	-1.24112	0.0282526	1.33368	1.33368	0.447304	0.917504	-1.08991	0.646933	1.0526	1.0526	3.11893	0.610409	0.173965	1
cg12028455	0.810747	1.12768	1.12768	0.0124017	4.75414	4.75414	0.204642	1.95509	1.95509	0.106447	2.41818	2.41818	3.11892	12.3937	3.53219	1
cg11695684	0.62903	0.863866	-1.15759	0.0445456	0.499842	-2.00063	0.115314	0.59769	-1.67311	0.429999	0.784922	-1.27401	3.11885	4.46397	1.27226	1
cg02255918	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10503854	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25822376	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27285056	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11365072	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22274285	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14742937	0.0260906	0.0797466	-12.5397	0.111149	0.189693	-5.27166	0.329009	2.62477	2.62477	0.723218	1.40582	1.40582	3.11877	45.3208	12.917	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01821005	MAGEB1;MAGEB1;MAGEB1	0.0619466	0.556143	1.30064	1.30064	0.609428	1.25547	1.25547	0.0222098	0.298083	-3.35477	0.0735217	0.414371	-2.4133	0.100645	0.452023	-2.21228
cg16408081	CORO1B;CORO1B;PTPRCAP	0.0619478	0.0576723	0.431436	-2.31784	0.0776653	0.463926	-2.15552	0.0432653	0.402305	-2.48567	0.183913	0.575741	-1.73689	0.0111585	0.287723	-3.47557
cg18092474	CYP1A1	0.0619489	0.821135	1.12525	1.12525	0.0460838	3.2907	3.2907	0.81655	0.885951	-1.12873	0.703062	1.22089	1.22089	0.0296749	0.263468	-3.79553
cg03778981	PLEKHG5;PLEKHG5	0.0619497	0.295641	0.867947	-1.15214	0.686131	1.05449	1.05449	0.119643	1.24672	1.24672	0.715387	0.953303	-1.04898	0.932461	0.988992	-1.01113
cg11948055	ZNF737;ZNF737	0.0619542	0.951293	0.978966	-1.02149	0.681034	1.1547	1.1547	0.63135	1.18323	1.18323	0.250591	0.658494	-1.51862	0.0143911	0.349985	-2.85727
cg03839782	FAM65B	0.0619543	0.0391832	0.290684	-3.44016	0.308613	1.72556	1.72556	0.499675	1.4258	1.4258	0.18513	0.483091	-2.07	0.00497629	0.145904	-6.85381
cg10517193	B4GALNT4	0.0619548	0.0298078	0.299488	-3.33903	0.0396055	0.325557	-3.07166	0.186007	0.51623	-1.93712	0.131904	0.464475	-2.15297	0.0389517	0.323973	-3.08668
cg05620865	AP3B1	0.0619553	0.494772	0.754477	-1.32542	0.852149	0.926984	-1.07877	0.952171	1.02468	1.02468	0.698157	0.853538	-1.17159	0.00266902	0.184932	-5.40739
cg13031740	OR8U1;OR8U8	0.0619561	0.0872796	0.218552	-4.57557	0.0966073	0.230084	-4.34624	0.0591641	0.17976	-5.56298	0.124095	0.261484	-3.82433	0.036137	0.14046	-7.11947
cg06475181	RPL27A	0.0619584	0.0195787	0.686788	-1.45605	0.914382	1.01443	1.01443	0.837193	1.02779	1.02779	0.00668541	1.59781	1.59781	0.40745	0.893267	-1.11949
cg18370764	NPC1L1;NPC1L1	0.0619592	0.191909	0.468617	-2.13394	0.0348012	0.259262	-3.85711	0.105291	0.378682	-2.64074	0.304638	0.558054	-1.79194	0.0173532	0.20398	-4.90245
cg16845257	DRD2;DRD2	0.0619605	0.0762969	0.276495	-3.6167	0.0382123	0.208914	-4.78665	0.0547917	0.241733	-4.13679	0.404842	0.57373	-1.74298	0.0284973	0.185443	-5.3925
cg18999165	FAM115C;FAM115C;FAM115C;FAM115C;FAM115C	0.0619617	0.134415	2.15305	2.15305	0.832885	1.1056	1.1056	0.144744	2.10477	2.10477	0.692944	1.20751	1.20751	0.0290933	0.294643	-3.39394
cg22632663	RNF41;RNF41;RNF41	0.0619629	0.561381	0.949818	-1.05283	0.00434751	1.39665	1.39665	0.0397215	1.23181	1.23181	0.104845	1.16812	1.16812	0.134327	1.15205	1.15205
cg03315431	PLXNB3;PLXNB3	0.0619633	0.237326	0.569157	-1.75698	0.26001	0.585731	-1.70727	0.324083	0.628992	-1.58985	0.890752	1.06456	1.06456	0.14009	0.485441	-2.05998
cg22284860	ODZ4	0.0619636	0.138612	0.583284	-1.71443	0.00703865	0.307889	-3.24793	0.0251572	0.406395	-2.46066	0.560772	0.819645	-1.22004	0.709315	0.881071	-1.13498
cg27665123	LOH12CR1	0.0619638	0.614848	1.08349	1.08349	0.0673455	1.38267	1.38267	0.814597	1.03783	1.03783	0.756358	1.05042	1.05042	0.00469279	0.552118	-1.81121
cg05651393	NRD1;NRD1	0.0619654	0.553577	0.877436	-1.13968	0.251234	0.769857	-1.29894	0.138516	0.706136	-1.41616	0.464881	0.850198	-1.1762	0.256129	0.772107	-1.29516
cg24167897	USP3	0.061967	0.180822	1.31004	1.31004	0.400721	1.17761	1.17761	0.200851	0.773542	-1.29275	0.0744951	1.45887	1.45887	0.196348	0.771316	-1.29649
cg04573500	MSI2;MSI2	0.0619674	0.24763	0.44191	-2.2629	0.835968	0.869292	-1.15036	0.082738	3.66254	3.66254	0.432633	1.71778	1.71778	0.0206467	0.152115	-6.57397
cg05698098	FADS2	0.0619678	0.251017	1.19653	1.19653	0.338203	1.15916	1.15916	0.00556399	1.72434	1.72434	0.651825	1.07032	1.07032	0.175664	0.806197	-1.24039
cg12510502	SLC22A18;SLC22A18	0.0619682	0.887585	0.975193	-1.02544	0.067646	1.43846	1.43846	0.218777	1.25824	1.25824	0.761816	1.05547	1.05547	0.919029	1.01822	1.01822
cg12209313	OBSCN;OBSCN	0.0619688	0.514479	0.864944	-1.15614	0.666916	1.0997	1.0997	0.0089359	0.481918	-2.07504	0.937428	0.982915	-1.01738	0.0650613	0.63467	-1.57562
cg26279021	TWIST1	0.0619708	0.168209	0.417344	-2.39611	0.0863088	0.323807	-3.08826	0.0470962	0.258697	-3.86552	0.0732729	3.28232	3.28232	0.0375704	0.237964	-4.20232
cg13737776	AMBP	0.0619709	0.163436	0.750488	-1.33247	0.388259	0.84312	-1.18607	0.0646887	0.670028	-1.49247	0.101337	0.707372	-1.41368	0.0233716	0.592849	-1.68677
cg10989255	VDAC2	0.0619722	0.118753	0.802697	-1.2458	0.0604507	1.31624	1.31624	0.503437	1.09213	1.09213	0.632854	1.06446	1.06446	0.967742	1.00526	1.00526
cg06067032	RNF6;RNF6;RNF6	0.0619723	0.0120329	0.390244	-2.5625	0.463474	1.25133	1.25133	0.138647	1.61438	1.61438	0.338375	0.743407	-1.34516	0.862414	1.0535	1.0535
cg01849401	NOTCH4	0.0619743	0.0765308	0.301256	-3.31944	0.00451664	0.0998084	-10.0192	0.0150875	0.16224	-6.16372	0.500241	0.659224	-1.51694	0.103756	0.338447	-2.95467
cg01431908	C1orf190;POMGNT1	0.0619749	0.629509	0.942664	-1.06082	0.773279	1.03571	1.03571	0.030457	1.36198	1.36198	0.142369	0.825669	-1.21114	0.0688748	1.28057	1.28057
cg06096805	FAM102A	0.061975	0.313665	0.785039	-1.27382	0.444042	1.19869	1.19869	0.767295	0.933401	-1.07135	0.00783781	2.20899	2.20899	0.20056	0.73052	-1.36889
cg21780202	NFASC;NFASC;NFASC;NFASC;NFASC	0.0619763	0.818277	0.922758	-1.08371	0.646831	1.17484	1.17484	0.670004	1.16152	1.16152	0.102629	1.86606	1.86606	0.129688	0.564495	-1.77149
cg07117751	CAPN5	0.0619765	0.0246169	0.470719	-2.12441	0.0397895	0.512148	-1.95256	0.015805	0.435008	-2.29881	0.0184306	0.447144	-2.23642	0.0686442	0.563412	-1.7749
cg04435975	LOC404266;HOXB6;LOC404266	0.0619808	0.233361	1.76716	1.76716	0.0407549	2.93386	2.93386	0.0579486	2.65571	2.65571	0.0189948	3.64775	3.64775	0.869933	0.928046	-1.07753
cg01367322	ZBTB22;ZBTB22	0.0619808	0.385011	1.30145	1.30145	0.1419	1.59548	1.59548	0.00562849	2.93028	2.93028	0.0963535	1.71622	1.71622	0.380418	0.76631	-1.30495
cg04928693	MTX1;THBS3;MTX1	0.0619816	0.264984	1.26114	1.26114	0.0476024	1.57221	1.57221	0.00267296	2.29168	2.29168	0.244944	1.27496	1.27496	0.855588	1.03705	1.03705
cg01532600	ITFG3	0.0619821	0.0570419	2.15656	2.15656	0.155775	1.71951	1.71951	0.0139335	2.95681	2.95681	0.188979	1.64328	1.64328	0.424707	1.33773	1.33773
cg10841756	PVRL4;PVRL4	0.0619838	0.218755	1.71368	1.71368	0.93622	1.03389	1.03389	0.50401	1.32626	1.32626	0.806533	0.902871	-1.10758	0.310911	0.646239	-1.54742
cg07121340	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0619839	0.700195	1.11548	1.11548	0.00277709	0.311882	-3.20634	0.280622	1.37269	1.37269	0.946844	1.01901	1.01901	0.717581	1.10805	1.10805
cg00318756	IL12RB2	0.0619845	0.45949	0.683432	-1.4632	0.0749636	0.367052	-2.72441	0.249171	0.544048	-1.83807	0.0974201	0.398833	-2.50732	0.00490485	0.151988	-6.57948
cg25375860	SGPP2	0.0619846	0.112658	2.8594	2.8594	0.129997	2.70482	2.70482	0.486046	1.53823	1.53823	0.0780596	3.29079	3.29079	0.144513	2.59495	2.59495
cg09745440	SMTN;SMTN;SMTN	0.0619847	0.321173	1.24953	1.24953	0.089181	0.665379	-1.5029	0.408363	1.20178	1.20178	0.292254	1.26807	1.26807	0.31823	1.25135	1.25135
cg21698310	PPP1R9B	0.0619859	0.0810476	0.23917	-4.18113	0.321665	0.468978	-2.1323	0.470934	1.72013	1.72013	0.282786	0.438063	-2.28277	0.0400147	0.172856	-5.78515
cg14279899	IFNGR1	0.061989	0.110827	1.35597	1.35597	0.891152	0.976286	-1.02429	0.305175	1.20456	1.20456	0.271705	0.818275	-1.22208	0.120563	1.3433	1.3433
cg00835521	SEC14L5	0.0619898	0.695082	1.18833	1.18833	0.228107	1.74044	1.74044	0.63939	0.81325	-1.22963	0.116936	0.474234	-2.10866	0.00618835	0.209331	-4.77711
cg06838302	MED12L;P2RY12	0.0619899	0.136975	0.372895	-2.68172	0.01245	0.147335	-6.78728	0.0251124	0.193883	-5.15775	0.669017	0.767345	-1.30319	0.0894971	0.315727	-3.16729
cg17117160	PPP2R2A	0.0619909	0.123539	0.558924	-1.78915	0.00632663	3.45508	3.45508	0.273017	1.48861	1.48861	0.572334	1.22014	1.22014	0.117983	0.553231	-1.80756
cg09658760	OR4N3P	0.0619915	0.0463347	0.352857	-2.83401	0.217403	0.55306	-1.80812	0.487326	1.38	1.38	0.45549	0.706856	-1.41472	0.411082	1.46761	1.46761
cg07887243	MAOB	0.0619924	0.200548	0.384857	-2.59837	0.103369	0.284178	-3.51892	0.0960356	3.63623	3.63623	0.00916438	10.3527	10.3527	0.748264	1.25535	1.25535
cg13937686	CAMSAP1	0.0619931	0.972607	1.00684	1.00684	0.244426	1.27346	1.27346	0.616087	0.904515	-1.10556	0.968842	0.992276	-1.00778	0.0392088	0.622716	-1.60587
cg08815506	GPM6A;GPM6A	0.0619937	0.615135	0.836109	-1.19602	0.040145	0.432859	-2.31022	0.225858	0.638217	-1.56686	0.440044	1.32055	1.32055	0.464046	0.768629	-1.30102
cg21213853	GRM2;GRM2	0.0619941	0.0762521	0.607964	-1.64483	0.232035	0.728897	-1.37194	0.656568	0.893233	-1.11953	0.751687	1.08338	1.08338	0.975279	0.992213	-1.00785
cg23207616	RER1;MORN1	0.0619941	0.333104	0.809957	-1.23463	0.373323	1.21281	1.21281	0.699068	1.08546	1.08546	0.275435	0.786996	-1.27065	0.544021	0.878404	-1.13843
cg18954037	PCYOX1	0.0619943	0.394963	1.51178	1.51178	0.141249	2.1181	2.1181	0.0665826	2.65329	2.65329	0.0190728	0.260287	-3.84191	0.232751	0.552345	-1.81046
cg03638781	PRKCB;PRKCB	0.0619945	0.805196	0.888597	-1.12537	0.55339	1.33186	1.33186	0.208942	0.53095	-1.88342	0.126845	0.454171	-2.20182	0.925499	1.04572	1.04572
cg17608381	HLA-A	0.0619945	0.013235	0.123826	-8.07582	0.0229379	0.15707	-6.36659	0.0815706	0.268956	-3.71808	0.416552	0.568439	-1.7592	0.0480551	0.214966	-4.65189
cg26413708	TRERF1	0.0619974	0.657206	0.879258	-1.13732	0.0796544	1.75142	1.75142	0.42063	1.26749	1.26749	0.170057	0.656377	-1.52351	0.00589904	0.354207	-2.8232
cg05940691	WDR64	0.0619988	0.69319	0.675504	-1.48038	0.0208475	15.6655	15.6655	0.529619	0.532592	-1.87761	0.744505	1.38198	1.38198	0.0162577	0.0546154	-18.3098
cg27558057	BCYRN1;INGX	0.0619993	0.016073	0.0830921	-12.0348	0.174709	0.295518	-3.38388	0.869038	0.869927	-1.14952	0.727116	1.34426	1.34426	0.538448	1.69208	1.69208
cg22708248	NPPC	0.0619996	0.159937	0.478049	-2.09183	0.216213	1.89589	1.89589	0.365569	1.57926	1.57926	0.0387975	3.24157	3.24157	0.0577623	0.348347	-2.8707
cg06110021	GRPEL1	0.0620003	0.232232	0.668014	-1.49697	0.972175	1.0113	1.0113	0.786298	0.916207	-1.09146	0.0878735	0.545202	-1.83418	0.0315161	0.443898	-2.25277
cg22387369	ALPK3	0.0620035	0.0595222	40.724	40.724	0.140395	15.869	15.869	0.215016	9.72605	9.72605	0.0861426	27.2453	27.2453	0.0478458	51.5838	51.5838
cg23519626	P4HA3	0.0620037	0.127965	4.31491	4.31491	0.0341449	8.99211	8.99211	0.0810357	5.57712	5.57712	0.388271	2.19375	2.19375	0.2156	3.1834	3.1834
cg09820673	LMNA;LMNA	0.0620037	0.092224	2.32887	2.32887	0.0167512	3.78796	3.78796	0.0610979	2.61877	2.61877	0.0643174	2.58089	2.58089	0.681659	1.207	1.207
cg07010146	CALHM3	0.0620071	0.0221508	0.377077	-2.65198	0.0158899	0.349887	-2.85807	0.106612	0.534474	-1.871	?	?	?	0.0707726	0.487772	-2.05014
cg07233587	FARS2	0.0620073	0.95065	1.01066	1.01066	0.53061	0.896852	-1.11501	0.394874	0.861276	-1.16107	0.25814	1.22412	1.22412	0.00373677	0.511178	-1.95626
cg04425701	FXYD1;FXYD1;FXYD1	0.0620079	0.339913	0.732577	-1.36504	0.410211	0.766094	-1.30532	0.292487	0.707839	-1.41275	0.017424	0.400176	-2.4989	0.0106569	0.362106	-2.76162
cg22986999	MRGPRF;MRGPRF	0.0620098	0.712816	0.912521	-1.09586	0.0755165	0.612671	-1.6322	0.358361	0.79146	-1.26349	0.184074	1.41754	1.41754	0.0896938	0.629235	-1.58923
cg08232895	PRKD2;PRKD2;PRKD2;PRKD2	0.0620103	0.144964	0.519689	-1.92423	0.141241	0.516048	-1.9378	0.0234438	0.322395	-3.10179	0.545785	0.774428	-1.29128	0.00511686	0.212969	-4.69552
cg24862627	EPHB4	0.0620105	0.786171	0.966394	-1.03478	0.0575277	1.31	1.31	0.174372	1.19918	1.19918	0.153335	1.21192	1.21192	0.507969	1.0881	1.0881
cg10256242	RADIL	0.0620126	0.0269352	0.377963	-2.64576	0.0887803	0.498034	-2.0079	0.304567	1.48411	1.48411	0.0880561	0.497084	-2.01173	?	?	?
cg16494567	DENND3	0.0620145	0.0668405	0.472637	-2.11579	0.195378	0.606826	-1.64792	0.151134	0.570574	-1.75262	0.646738	0.84509	-1.18331	0.0105753	0.309461	-3.23142
cg26829101	SRRM4	0.0620155	0.673435	1.2619	1.2619	0.985041	0.989764	-1.01034	0.0944059	0.364585	-2.74284	0.550749	1.39273	1.39273	0.41906	1.57318	1.57318
cg16554447	C6orf142	0.0620155	0.151796	0.618067	-1.61795	0.824412	1.07211	1.07211	0.033011	0.457842	-2.18416	0.990632	1.00369	1.00369	0.0466003	0.48965	-2.04228
cg21372174	SLC4A8;SLC4A8	0.0620155	0.29636	1.3618	1.3618	0.60102	0.860295	-1.16239	0.00913209	0.388887	-2.57144	0.544317	1.19126	1.19126	0.599463	1.16316	1.16316
cg15944457	WRN;PURG;PURG;WRN	0.0620159	?	?	?	?	?	?	0.0899262	2.75141	2.75141	?	?	?	?	?	?
cg08781738	RAD21	0.0620166	0.120434	0.365686	-2.73458	0.219342	0.462348	-2.16287	0.196952	0.442776	-2.25848	0.804322	1.15981	1.15981	0.018411	0.18124	-5.51756
cg08473561	GRXCR2	0.0620181	0.0180698	0.627474	-1.59369	0.0809319	0.730457	-1.36901	0.317521	1.18257	1.18257	0.262679	0.827346	-1.20868	0.269021	1.20542	1.20542
cg00892353	C8orf76	0.0620188	0.962117	0.972139	-1.02866	0.107139	2.8471	2.8471	0.0213478	5.18434	5.18434	0.0252096	4.87172	4.87172	0.0574285	0.278458	-3.59121
cg00697125	KLF10	0.0620191	0.524926	0.931205	-1.07388	0.829104	1.0242	1.0242	0.631106	0.947884	-1.05498	0.287152	0.884909	-1.13006	0.916584	0.988476	-1.01166
cg17259741	ZNF509;LYAR;LYAR;ZNF509	0.0620192	0.930118	0.983752	-1.01652	0.418482	1.16696	1.16696	0.261121	1.24468	1.24468	0.451941	0.866645	-1.15387	0.990489	0.997776	-1.00223
cg16083439	LACE1	0.0620214	0.0292277	0.222113	-4.50222	0.12108	0.373639	-2.67638	0.204128	0.456185	-2.19209	0.396756	0.601572	-1.66231	0.00869537	0.141098	-7.08725
cg04588051	SBF2	0.0620244	0.0287911	0.171273	-5.83862	0.117635	0.312572	-3.19926	0.118799	0.313917	-3.18556	0.484743	0.615161	-1.62559	0.0117814	0.116185	-8.60699
cg06021088	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0620252	0.163927	0.577421	-1.73184	0.98526	0.993193	-1.00685	0.0212797	0.359348	-2.78282	0.0532844	0.444082	-2.25184	0.42539	0.740115	-1.35114
cg16332159	APOB48R	0.0620259	0.934887	1.02391	1.02391	0.901411	0.964795	-1.03649	0.0513043	0.526385	-1.89975	0.517735	0.827252	-1.20882	0.0630568	0.546261	-1.83063
cg27320242	OCA2	0.0620283	0.560505	1.14286	1.14286	0.0329958	0.567972	-1.76065	0.0121806	0.492258	-2.03145	0.190518	0.730155	-1.36957	0.0525615	0.606512	-1.64877
cg14181724	C9orf135	0.0620285	0.0373496	3.02109	3.02109	0.0150798	3.92233	3.92233	0.164395	1.97156	1.97156	0.960184	0.977416	-1.02311	0.0403565	2.95528	2.95528
cg13912214	NRF1;NRF1	0.0620286	0.914741	0.967837	-1.03323	0.441808	0.787085	-1.27051	0.0371227	0.477704	-2.09335	0.39742	1.3028	1.3028	0.0100104	0.370622	-2.69817
cg06173889	SOX11;SOX11	0.0620301	0.00823058	0.256834	-3.89357	0.0438755	0.393968	-2.53828	0.54486	0.781573	-1.27947	0.7811	0.894017	-1.11855	0.101041	0.485681	-2.05897
cg22235293	C6orf25;C6orf25;C6orf25;C6orf25;C6orf25;C6orf25	0.0620301	0.467575	1.24221	1.24221	0.0224767	2.23036	2.23036	0.8952	0.962066	-1.03943	0.594955	0.854312	-1.17053	0.0276954	0.465926	-2.14626
cg12423902	TRIM26	0.0620312	0.106385	0.412636	-2.42344	0.125599	2.29827	2.29827	0.346942	1.62615	1.62615	0.416932	0.65936	-1.51662	0.438683	0.672639	-1.48668
cg10039500	ADPRHL1;ADPRHL1	0.0620313	0.0207274	0.301925	-3.31208	0.131588	0.496589	-2.01374	0.713437	0.85332	-1.17189	0.948533	0.972622	-1.02815	0.257822	0.60182	-1.66163
cg22280402	FAM115A	0.0620314	0.00480929	0.226945	-4.40636	0.464875	1.34293	1.34293	0.713484	1.15742	1.15742	0.838409	0.922245	-1.08431	0.667147	0.84239	-1.1871
cg06398251	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0620318	0.985315	0.995677	-1.00434	0.247768	1.32907	1.32907	0.348238	0.796635	-1.25528	0.290803	1.29445	1.29445	0.110688	0.664189	-1.5056
cg05421392	OR5I1	0.0620329	0.0366668	0.379852	-2.6326	0.0432262	0.395664	-2.5274	0.119216	0.509575	-1.96242	0.494057	1.31903	1.31903	0.486535	0.754355	-1.32564
cg24608458	PINK1	0.0620332	0.510337	0.81796	-1.22255	0.125137	0.606827	-1.64792	0.00408737	0.31364	-3.18837	0.73872	0.904175	-1.10598	0.621584	0.860946	-1.16151
cg15041044	FAM126A	0.0620334	0.00628153	0.357991	-2.79336	0.136105	0.62913	-1.5895	0.338598	1.32926	1.32926	0.0192664	0.441813	-2.2634	0.150526	0.641055	-1.55993
cg17451586	BRD2;BRD2	0.0620337	0.284471	0.706274	-1.41588	0.438054	1.2807	1.2807	0.00198491	3.92018	3.92018	0.891714	1.04352	1.04352	0.895238	1.04207	1.04207
cg03377789	SAA4	0.0620357	0.00808714	0.322786	-3.09803	0.295166	0.696317	-1.43613	0.13286	0.582387	-1.71707	0.0141443	0.364414	-2.74413	0.023076	0.404181	-2.47414
cg11162637	SELS;SELS	0.062038	0.153458	0.809511	-1.23531	0.00631473	0.611564	-1.63515	0.201102	0.829712	-1.20524	0.394539	0.886413	-1.12814	0.169474	0.816802	-1.22429
cg07015190	RPS6KA2	0.0620386	0.320453	0.432447	-2.31242	0.366641	2.13118	2.13118	0.763801	1.27758	1.27758	0.0093646	0.0619135	-16.1516	0.019974	0.0952531	-10.4984
cg24343312	LOC401397;LOC401397	0.0620396	0.0587982	0.531327	-1.88208	0.0410013	2.01116	2.01116	0.0159662	2.39679	2.39679	0.303514	0.72924	-1.37129	0.464329	0.801992	-1.2469
cg24034106	APAF1;APAF1;IKBIP;APAF1;IKBIP;APAF1;IKBIP;APAF1	0.0620409	0.177815	1.25259	1.25259	0.00334925	1.87363	1.87363	0.206152	1.23335	1.23335	0.597468	1.08742	1.08742	0.38076	1.15188	1.15188
cg25072895	C2orf62	0.0620416	0.0179694	0.50547	-1.97836	0.190697	1.38931	1.38931	0.681842	1.10276	1.10276	0.360974	0.80024	-1.24963	0.848956	1.04628	1.04628
cg06367135	PRDM16;PRDM16	0.0620421	0.0439403	0.284438	-3.5157	0.00420373	0.124705	-8.01895	0.704688	0.813211	-1.22969	0.814767	1.13592	1.13592	0.099075	0.374603	-2.66949
cg14083111	VAMP1;VAMP1;VAMP1	0.0620429	0.0588106	0.787832	-1.26931	0.0657795	0.793987	-1.25947	0.0862101	0.809116	-1.23592	0.716281	0.960038	-1.04163	0.0363807	1.31234	1.31234
cg10608717	TAF4	0.0620435	0.183997	0.847109	-1.18049	0.0899098	0.802459	-1.24617	0.0215937	1.38377	1.38377	0.662482	1.05307	1.05307	0.717174	0.958076	-1.04376
cg26190086	LARS	0.0620449	0.958342	1.00493	1.00493	0.00484415	1.42124	1.42124	0.644354	0.957208	-1.04471	0.544976	0.943991	-1.05933	0.0363687	1.25721	1.25721
cg08062329	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	0.0620475	0.823895	0.962445	-1.03902	0.620176	0.917778	-1.08959	0.472645	0.882097	-1.13366	0.701503	0.935999	-1.06838	0.123287	0.750727	-1.33204
cg14584431	ZNF507;ZNF507	0.0620487	0.194157	0.7481	-1.33672	0.245079	0.773456	-1.2929	0.915772	0.977897	-1.0226	0.777648	1.06164	1.06164	0.177791	0.738925	-1.35332
cg10592734	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.062049	0.873484	0.88407	-1.13113	0.714114	0.752394	-1.32909	0.271756	0.41287	-2.42207	0.100223	0.248444	-4.02505	0.0337942	0.147125	-6.79693
cg00280758	NAA15	0.0620492	0.0723408	0.447417	-2.23505	0.0184244	0.31767	-3.14792	0.996174	0.998079	-1.00192	0.640058	0.827882	-1.2079	0.0756462	0.452449	-2.2102
cg14598211	C9orf144B	0.062051	0.82721	1.11731	1.11731	0.622507	0.777409	-1.28632	0.155033	0.462	-2.1645	0.778783	1.15361	1.15361	0.0300979	0.274088	-3.64846
cg09747827	PROC	0.0620516	0.395871	0.837361	-1.19423	0.485022	1.15587	1.15587	0.241344	1.28451	1.28451	0.654215	0.912069	-1.09641	0.653327	0.911836	-1.09669
cg19758541	EML1;EML1	0.0620524	0.151652	0.686696	-1.45625	0.399299	1.23508	1.23508	0.893173	1.03342	1.03342	0.0899538	1.57982	1.57982	0.192497	1.40145	1.40145
cg15044073	SWAP70	0.062054	0.164717	4.95204	4.95204	0.0390397	13.1732	13.1732	0.18537	4.55316	4.55316	0.370043	2.70077	2.70077	0.828655	0.791414	-1.26356
cg07765161	UNCX	0.062055	0.183631	0.742661	-1.34651	0.278651	1.26816	1.26816	0.0479851	1.61085	1.61085	0.0165698	0.53943	-1.85381	0.546774	1.13725	1.13725
cg16080121	C4orf19	0.0620565	0.373919	1.08302	1.08302	0.184707	1.1308	1.1308	0.530981	1.05702	1.05702	0.197016	0.887655	-1.12656	0.216813	1.12025	1.12025
cg17345964	SCGB1C1;LOC653486	0.0620567	0.0209504	0.401028	-2.49359	0.818693	1.07844	1.07844	0.842596	1.06758	1.06758	0.866349	1.05697	1.05697	0.0187757	0.391992	-2.55107
cg15774028	SGSH	0.0620572	0.577226	1.19026	1.19026	0.32697	0.731257	-1.36751	0.120758	0.594257	-1.68277	0.586915	0.84394	-1.18492	0.00195599	0.258132	-3.87399
cg14941895	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.06206	0.0569151	0.487461	-2.05144	0.459342	1.28563	1.28563	0.101199	1.81949	1.81949	0.300952	1.42965	1.42965	0.0213057	0.397359	-2.51661
cg14179065	FXN;FXN;FXN	0.062061	0.373701	0.803735	-1.24419	0.00870863	2.22515	2.22515	0.00956764	2.19251	2.19251	0.592921	0.878872	-1.13782	0.764477	0.930631	-1.07454
cg09514545	MIR525;MIR523	0.0620619	0.0146691	0.179201	-5.58032	0.672803	1.27514	1.27514	0.307091	0.546062	-1.83129	0.45744	0.648555	-1.54189	0.0694731	0.312876	-3.19615
cg16784092	EIF4B	0.0620619	0.21117	1.11773	1.11773	0.125379	1.15043	1.15043	0.0344059	1.23178	1.23178	0.909905	0.990482	-1.00961	0.365167	1.08178	1.08178
cg03440944	C7orf40	0.0620636	0.0241388	0.295503	-3.38406	0.172996	0.518182	-1.92982	0.0501428	0.363301	-2.75254	0.359228	0.652204	-1.53326	0.0101228	0.229732	-4.35291
cg02066925	RASD2	0.0620644	0.221518	0.7151	-1.39841	0.111218	0.635857	-1.57268	0.702403	0.904674	-1.10537	0.759398	0.922963	-1.08347	0.140139	1.51317	1.51317
cg20881175	TNS1	0.0620644	0.135928	0.596059	-1.67769	0.68793	1.13885	1.13885	0.201957	0.648017	-1.54317	0.63123	0.855794	-1.16851	0.0269185	0.430067	-2.32522
cg08988420	PDLIM3;PDLIM3	0.062065	0.0990977	0.567605	-1.76179	0.616189	1.17152	1.17152	0.533292	0.820667	-1.21852	0.401418	0.764137	-1.30867	0.00330489	0.285534	-3.5022
cg13344587	ARID5B	0.0620652	0.845918	0.956463	-1.04552	0.0407407	0.582476	-1.71681	0.438812	1.19802	1.19802	0.00703833	2.2191	2.2191	0.345388	1.249	1.249
cg13148085	HELZ	0.0620656	0.0424431	2.74342	2.74342	0.0280801	3.06585	3.06585	0.153069	1.93634	1.93634	0.0283721	3.0573	3.0573	0.953308	1.02561	1.02561
cg24006126	RUSC1;RUSC1;C1orf104	0.0620665	0.0898042	6.25002	6.25002	0.0133683	20.1398	20.1398	0.0507451	8.85777	8.85777	0.0644946	7.65439	7.65439	0.175697	4.10017	4.10017
cg17327630	ZNF212	0.0620667	0.0419252	0.70625	-1.41593	0.00943076	1.62927	1.62927	0.490375	0.901289	-1.10952	0.159243	0.799986	-1.25002	0.737021	0.951233	-1.05127
cg08067404	KIAA1919;KIAA1919	0.0620676	0.237832	0.775179	-1.29002	0.72157	1.07648	1.07648	0.836417	1.0435	1.0435	0.331929	0.81371	-1.22894	0.0685999	0.657165	-1.52169
cg23889780	ZCWPW1	0.0620681	0.00409389	0.320486	-3.12026	0.0382992	0.492058	-2.03228	0.200143	0.670463	-1.49151	0.72443	1.11022	1.11022	0.0701039	0.549816	-1.81879

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01821005	0.0500222	2.68253	2.68253	0.185546	1.85864	1.85864	0.83027	1.09942	1.09942	0.198303	0.548647	-1.82266	3.11875	9.62993	2.74467	1
cg16408081	0.031211	0.37153	-2.69157	0.987452	0.99386	-1.00618	0.390753	1.41117	1.41117	0.641399	0.832183	-1.20166	3.11873	7.57645	2.15941	1
cg18092474	0.0302039	0.264987	-3.77377	0.626777	1.29093	1.29093	0.11853	0.413519	-2.41827	0.152723	2.22133	2.22133	3.1187	13.4129	3.82293	1
cg03778981	0.127985	1.23973	1.23973	0.0201665	0.693553	-1.44185	0.014986	0.676672	-1.47782	0.541254	1.08411	1.08411	3.11869	0.842333	0.240082	1
cg11948055	0.185757	0.613679	-1.62952	0.252984	0.660003	-1.51514	0.0129685	2.92454	2.92454	0.65067	1.17193	1.17193	3.1186	5.98197	1.70503	1
cg03839782	0.605729	1.30941	1.30941	0.796388	0.874707	-1.14324	0.17436	0.473288	-2.11288	0.166162	0.4656	-2.14776	3.1186	13.2385	3.77336	1
cg10517193	0.0718099	0.38759	-2.58005	0.00963872	0.213327	-4.68763	0.528414	0.739938	-1.35146	0.0476167	0.343605	-2.91031	3.11859	10.983	3.13048	1
cg05620865	0.25516	0.617069	-1.62056	0.0394477	0.379808	-2.63291	0.246605	1.63617	1.63617	0.200395	0.577166	-1.7326	3.11858	8.15632	2.3248	1
cg13031740	0.999311	1.0007	1.0007	0.015462	0.0913562	-10.9462	0.0814495	0.211057	-4.73805	0.0164699	0.0943684	-10.5968	3.11856	32.0461	9.13416	1
cg06475181	0.539147	0.92052	-1.08634	0.203045	0.83612	-1.196	0.364257	0.883216	-1.13223	0.895528	0.982653	-1.01765	3.11852	0.87628	0.249771	1
cg18370764	0.321774	0.570272	-1.75355	0.00909847	0.162288	-6.1619	0.0841444	0.350468	-2.85333	0.0359377	0.262123	-3.81501	3.1185	14.8696	4.23838	1
cg16845257	0.089151	0.294638	-3.394	0.00873599	0.113298	-8.82626	0.0749769	0.274537	-3.64249	0.0905631	0.29654	-3.37223	3.11847	20.9872	5.9822	1
cg18999165	0.00888564	0.205573	-4.86446	0.407764	1.4953	1.4953	0.985788	1.0085	1.0085	0.754421	1.16078	1.16078	3.11845	11.1492	3.17798	1
cg22632663	0.235141	1.11526	1.11526	0.887168	0.98763	-1.01252	0.494208	0.940952	-1.06275	0.200414	1.12589	1.12589	3.11843	0.379619	0.108208	1
cg03315431	0.00200746	0.137417	-7.27714	0.0412826	0.342429	-2.92031	0.356329	0.649265	-1.5402	0.753211	1.15441	1.15441	3.11842	10.2362	2.91779	1
cg22284860	0.0450869	0.459571	-2.17594	0.199433	0.632281	-1.58158	0.0566407	0.482121	-2.07417	0.0421761	0.453174	-2.20666	3.11841	5.64679	1.60959	1
cg27665123	0.612314	0.9224	-1.08413	0.68742	0.938068	-1.06602	0.877228	0.975861	-1.02474	0.0588064	1.40123	1.40123	3.11841	1.23389	0.351714	1
cg05651393	0.75124	0.932963	-1.07185	0.00325909	2.39942	2.39942	0.889742	0.970189	-1.03073	0.209481	0.749308	-1.33456	3.11838	2.3511	0.670177	1
cg24167897	0.383427	0.843773	-1.18515	0.00587632	0.504002	-1.98412	0.667974	0.92126	-1.08547	0.73046	0.936383	-1.06794	3.11834	1.78407	0.508553	1
cg04573500	0.30896	0.490959	-2.03683	0.0316617	0.182322	-5.48482	0.47944	0.615248	-1.62536	0.0367844	0.194197	-5.1494	3.11834	22.5434	6.42604	1
cg05698098	0.733069	0.950076	-1.05255	0.0187689	1.53112	1.53112	0.214699	1.2158	1.2158	0.323922	1.16464	1.16464	3.11833	1.10534	0.315081	1
cg12510502	0.798447	1.04649	1.04649	0.00322838	2.04133	2.04133	0.845558	0.965958	-1.03524	0.0940367	0.721103	-1.38676	3.11832	1.55772	0.444035	1
cg12209313	0.810122	0.948539	-1.05425	0.169335	1.37899	1.37899	0.0170582	0.528183	-1.89328	0.334354	0.803698	-1.24425	3.11831	2.37917	0.678194	1
cg26279021	0.48999	0.658841	-1.51782	0.0435136	0.251244	-3.9802	0.338604	1.79852	1.79852	0.661613	0.76945	-1.29963	3.11827	17.4874	4.98493	1
cg13737776	0.0584367	1.51079	1.51079	0.59777	1.10821	1.10821	0.057035	0.65998	-1.5152	0.227636	0.783172	-1.27686	3.11827	1.83922	0.524284	1
cg10989255	0.979694	1.00331	1.00331	0.00789442	0.642577	-1.55623	0.21495	0.844153	-1.18462	0.142202	1.22725	1.22725	3.11824	0.831899	0.237142	1
cg06067032	0.198517	0.664808	-1.50419	0.0207199	0.433113	-2.30886	0.0972775	0.578833	-1.72761	0.340747	0.744554	-1.34309	3.11824	4.45804	1.27081	1
cg01849401	0.0508971	0.258113	-3.87428	0.361744	0.565013	-1.76987	0.289898	0.512258	-1.95214	0.423295	0.607722	-1.64549	3.1182	18.3142	5.22073	1
cg01431908	0.0528972	1.30636	1.30636	0.477425	0.915996	-1.09171	0.860748	0.978898	-1.02156	0.0481036	0.760023	-1.31575	3.11819	0.728662	0.207717	1
cg06096805	0.820222	1.05429	1.05429	0.0622065	0.614112	-1.62837	0.639939	0.896352	-1.11563	0.0771722	1.57834	1.57834	3.11819	2.66387	0.759378	1
cg21780202	0.0483372	2.19907	2.19907	0.0145234	2.86249	2.86249	0.0271879	2.49222	2.49222	0.168984	1.66844	1.66844	3.11816	6.02536	1.71764	1
cg07117751	0.250606	0.713227	-1.40208	0.0502533	0.533486	-1.87446	0.389922	0.780344	-1.28149	0.210779	0.689903	-1.44948	3.11816	3.91378	1.1157	1
cg04435975	0.206583	0.544973	-1.83495	0.463414	1.40507	1.40507	0.0509705	2.75392	2.75392	0.0489858	2.78504	2.78504	3.11807	10.254	2.92317	1
cg01367322	0.683248	1.12904	1.12904	0.242597	1.43587	1.43587	0.014996	2.42215	2.42215	0.188782	1.50968	1.50968	3.11807	4.32191	1.23208	1
cg04928693	0.532719	0.881438	-1.13451	0.248894	1.27215	1.27215	0.626379	0.906662	-1.10295	0.122641	1.39668	1.39668	3.11806	1.96982	0.561551	1
cg01532600	0.0817407	0.502332	-1.99072	0.165729	0.590017	-1.69487	0.375331	1.38368	1.38368	0.249281	1.53692	1.53692	3.11805	6.29072	1.79335	1
cg10841756	0.421899	1.40725	1.40725	0.00258615	5.69123	5.69123	0.0445124	2.61375	2.61375	0.651317	0.827413	-1.20859	3.11801	8.56322	2.44122	1
cg07121340	0.574139	0.851815	-1.17396	0.131543	1.58382	1.58382	0.682112	0.890186	-1.12336	0.136481	0.635625	-1.57325	3.11801	3.93998	1.12322	1
cg00318756	0.428355	0.664552	-1.50477	0.00925172	0.188373	-5.30861	0.491141	0.702278	-1.42394	0.137439	0.445524	-2.24455	3.118	12.613	3.59576	1
cg25375860	0.100105	2.99252	2.99252	0.00708228	8.3065	8.3065	0.0266508	4.94367	4.94367	0.0221923	5.30175	5.30175	3.118	18.2779	5.21073	1
cg09745440	0.0968863	1.48597	1.48597	0.00789918	0.476851	-2.09709	0.290345	1.26935	1.26935	0.573466	1.1316	1.1316	3.11799	2.3328	0.665042	1
cg21698310	0.255922	0.415995	-2.40387	0.00696249	0.0756281	-13.2226	0.0418821	0.176518	-5.66516	0.053553	0.197613	-5.06041	3.11797	27.0095	7.70004	1
cg14279899	0.539267	0.896776	-1.11511	0.300388	0.828531	-1.20695	0.0512382	0.677664	-1.47566	0.013841	1.70431	1.70431	3.11791	1.51716	0.43253	1
cg00835521	0.0520359	0.379775	-2.63314	0.0748746	0.41937	-2.38453	0.534306	1.31744	1.31744	0.315519	0.634704	-1.57554	3.11789	9.47479	2.70119	1
cg06838302	0.882432	0.912903	-1.09541	0.16993	0.406499	-2.46003	0.0827673	3.26435	3.26435	0.659585	0.761119	-1.31386	3.11789	18.7248	5.33832	1
cg17117160	0.628119	1.18556	1.18556	0.206577	0.628409	-1.59132	0.200869	1.60179	1.60179	0.677027	0.864091	-1.15729	3.11787	6.00537	1.7121	1
cg09658760	0.0121224	0.239962	-4.16732	0.300762	1.63132	1.63132	0.086315	0.421108	-2.37469	0.0496918	0.359922	-2.77838	3.11786	10.2866	2.93266	1
cg07887243	0.127938	0.312749	-3.19746	0.755483	0.802012	-1.24686	0.912818	1.08042	1.08042	0.236093	0.416085	-2.40336	3.11784	24.6313	7.02231	1
cg13937686	0.135189	0.726379	-1.37669	0.017401	1.77679	1.77679	0.0435297	1.5853	1.5853	0.782799	0.94662	-1.05639	3.11783	1.94592	0.554778	1
cg08815506	0.328912	0.700613	-1.42732	0.0909866	1.92979	1.92979	0.994289	1.00253	1.00253	0.00563804	0.277257	-3.60676	3.11782	6.15663	1.75525	1
cg21213853	0.213416	0.718526	-1.39174	0.00136912	0.309799	-3.2279	0.486535	0.836632	-1.19527	0.364065	0.79032	-1.26531	3.11781	3.143	0.89607	1
cg23207616	0.00956457	0.500213	-1.99915	0.051848	0.626821	-1.59535	0.728632	0.929108	-1.0763	0.0399942	1.65058	1.65058	3.11781	2.20077	0.62744	1
cg18954037	0.060812	0.366939	-2.72525	0.581897	1.30187	1.30187	0.354602	1.57107	1.57107	0.340042	1.59431	1.59431	3.1178	11.1116	3.16794	1
cg03638781	0.453742	0.694344	-1.44021	0.00215736	0.127623	-7.83557	0.076674	0.39017	-2.56299	0.120194	0.446762	-2.23833	3.1178	11.2816	3.21641	1
cg17608381	0.157601	0.357722	-2.79547	0.0210198	0.151301	-6.60934	0.068359	0.249511	-4.00785	0.111418	0.307406	-3.25303	3.1178	22.8531	6.51543	1
cg26413708	0.663764	1.1343	1.1343	0.522969	1.20505	1.20505	0.178368	1.50979	1.50979	0.255862	0.710543	-1.40737	3.11774	4.09865	1.16855	1
cg05940691	0.96807	0.961173	-1.0404	0.0496053	0.109036	-9.17125	0.109481	0.177921	-5.62048	0.898859	0.881788	-1.13406	3.11772	48.3291	13.7791	1
cg27558057	0.00668086	0.0512327	-19.5188	0.286745	0.392926	-2.54501	0.528232	0.582982	-1.71532	0.228047	2.91078	2.91078	3.11771	35.2102	10.0388	1
cg22708248	0.224234	0.533897	-1.87302	0.0286175	0.281035	-3.55827	0.630353	1.26914	1.26914	0.442881	0.680745	-1.46898	3.1177	11.93	3.40136	1
cg06110021	0.00422055	0.291216	-3.43388	0.640292	1.16364	1.16364	0.838279	1.06802	1.06802	0.0723271	0.524234	-1.90755	3.11769	5.12049	1.45991	1
cg22387369	0.0448569	55.3135	55.3135	0.0094999	306.973	306.973	0.0271486	95.4049	95.4049	0.0620546	38.9261	38.9261	3.11762	149.994	42.766	1
cg23519626	0.989284	0.988139	-1.012	0.342547	0.41945	-2.38408	0.00789293	20.6484	20.6484	0.0418208	8.039	8.039	3.11762	38.9752	11.1125	1
cg09820673	0.044993	2.85591	2.85591	0.173045	1.93741	1.93741	0.0150761	3.90589	3.90589	0.0437885	2.87795	2.87795	3.11762	10.2735	2.92915	1
cg07010146	0.979983	0.991119	-1.00896	0.0428576	0.436592	-2.29047	0.616005	0.835439	-1.19698	0.0578366	0.466466	-2.14378	3.16032	5.62504	1.7799	1
cg07233587	0.477435	0.883563	-1.13178	0.144455	1.30821	1.30821	0.888759	1.02428	1.02428	0.0626745	0.698385	-1.43188	3.11755	1.45017	0.41348	1
cg04425701	0.288908	0.705884	-1.41666	0.0350849	0.459881	-2.17447	0.0139922	0.382832	-2.61211	0.506456	0.807939	-1.23772	3.11754	4.94243	1.40921	1
cg22986999	0.300855	0.766858	-1.30402	0.072805	0.609219	-1.64145	0.0638376	0.59699	-1.67507	0.0342362	1.84362	1.84362	3.1175	3.02741	0.863202	1
cg08232895	0.0709147	0.430119	-2.32494	0.0332725	0.353313	-2.83035	0.865848	0.931744	-1.07326	0.290732	0.632265	-1.58161	3.11749	8.63223	2.46131	1
cg24862627	0.523336	0.921906	-1.08471	0.0113871	0.671521	-1.48916	0.409307	1.11192	1.11192	0.0683476	1.29246	1.29246	3.11748	0.780282	0.222482	1
cg10256242	0.0155947	0.332489	-3.00761	0.249022	0.639281	-1.56426	0.916355	1.03978	1.03978	0.0894533	0.498911	-2.00436	3.16021	6.13466	1.94122	1
cg16494567	0.930244	1.03245	1.03245	0.00548205	0.263933	-3.78884	0.141429	0.561702	-1.7803	0.327812	0.691822	-1.44546	3.1174	6.56865	1.87297	1
cg26829101	0.243331	1.95415	1.95415	0.0036365	8.66397	8.66397	0.0440735	3.55923	3.55923	0.484553	1.4767	1.4767	3.11739	14.8689	4.23969	1
cg16554447	0.570924	1.19656	1.19656	0.0262921	0.437895	-2.28365	0.166423	1.58781	1.58781	0.0534813	0.502948	-1.98828	3.11739	4.84789	1.38232	1
cg21372174	0.173292	1.5117	1.5117	0.335852	1.32714	1.32714	0.911832	1.03209	1.03209	0.0208269	0.452323	-2.21081	3.11739	4.01587	1.14508	1
cg15944457	0.0685939	0.307446	-3.2526	?	?	?	?	?	?	?	?	?	15.1249	5.01587	0.33163	1
cg08781738	0.228732	0.470284	-2.12638	0.0124412	0.156045	-6.40842	0.12651	2.68371	2.68371	0.193406	0.439582	-2.27489	3.11736	17.6103	5.02142	1
cg08473561	0.433367	0.878315	-1.13854	0.0755218	1.37865	1.37865	0.122582	0.762204	-1.31199	0.138776	0.772113	-1.29515	3.11733	1.30045	0.370816	1
cg00892353	0.275766	1.96304	1.96304	0.662009	1.29912	1.29912	0.0689942	3.35543	3.35543	0.625031	1.34048	1.34048	3.11732	17.4736	4.98252	1
cg00697125	0.0356922	0.763046	-1.31054	0.0141364	1.39796	1.39796	0.0211266	0.735833	-1.359	0.628488	0.947489	-1.05542	3.11731	0.604263	0.172303	1
cg17259741	0.0042291	0.489075	-2.04467	0.410096	0.854423	-1.17038	0.048008	1.52523	1.52523	0.447939	1.1554	1.1554	3.11731	1.72213	0.491059	1
cg16083439	0.0567094	0.28276	-3.53657	0.0173504	0.183258	-5.45678	0.0768032	0.315832	-3.16624	0.14898	0.403982	-2.47536	3.11727	16.9332	4.8285	1
cg04588051	0.0581881	0.231071	-4.32767	0.0144317	0.127051	-7.87087	0.266226	0.452599	-2.20946	0.0631885	0.23932	-4.1785	3.11721	23.1192	6.59255	1
cg06021088	0.111289	1.89902	1.89902	0.346459	0.698756	-1.43111	0.044727	2.34418	2.34418	0.878175	1.05835	1.05835	3.11719	6.7485	1.92438	1
cg16332159	0.384144	1.29441	1.29441	0.0137682	2.41236	2.41236	0.260675	1.4039	1.4039	0.131218	0.624229	-1.60198	3.11718	4.12863	1.17731	1
cg27320242	0.809793	0.946763	-1.05623	0.180376	1.38089	1.38089	0.743922	0.928332	-1.0772	0.0852429	0.649419	-1.53984	3.11713	2.541	0.724597	1
cg14181724	0.0560545	2.69184	2.69184	0.286025	1.66028	1.66028	0.0145222	3.96585	3.96585	0.171084	1.9481	1.9481	3.11713	10.3364	2.94755	1
cg13912214	0.17311	1.55664	1.55664	0.379534	1.31678	1.31678	0.119711	1.67425	1.67425	0.636815	1.15626	1.15626	3.11713	4.60055	1.31191	1
cg06173889	0.867275	1.06958	1.06958	0.0137394	0.293707	-3.40476	0.107763	0.493704	-2.02551	0.116888	0.50406	-1.98389	3.1171	7.98445	2.27689	1
cg22235293	0.0429673	0.504868	-1.98072	0.737676	0.906072	-1.10366	0.280946	1.38935	1.38935	0.158063	0.642207	-1.55713	3.1171	4.25069	1.21215	1
cg12423902	0.628769	1.27707	1.27707	0.0157096	4.42093	4.42093	0.0171444	4.29908	4.29908	0.659709	1.24913	1.24913	3.11707	12.4423	3.54813	1
cg10039500	0.0419569	0.364946	-2.74013	0.0139294	0.270815	-3.69255	0.0501898	0.382832	-2.61211	0.0282523	0.328265	-3.04631	3.11707	9.12981	2.60353	1
cg22280402	0.575044	1.25175	1.25175	0.0145028	0.303036	-3.29994	0.882586	1.06033	1.06033	0.170527	0.5607	-1.78348	3.11707	7.75764	2.21223	1
cg06398251	0.0175577	0.506442	-1.97456	0.0503973	0.591537	-1.69051	0.0232548	0.52806	-1.89372	0.853029	1.04463	1.04463	3.11706	2.73616	0.780267	1
cg05421392	0.019762	0.325515	-3.07205	0.260813	0.626501	-1.59617	0.593293	0.806592	-1.23978	0.0111081	0.281001	-3.55871	3.11704	7.84797	2.23801	1
cg24608458	0.235245	0.687736	-1.45405	0.153449	0.631315	-1.584	0.0163091	0.413232	-2.41995	0.0438376	0.498	-2.00803	3.11703	4.47034	1.27481	1
cg15041044	0.116213	0.611043	-1.63654	0.741021	1.10043	1.10043	0.873412	0.955035	-1.04708	0.695363	0.892656	-1.12025	3.11703	4.11021	1.17212	1
cg17451586	0.414179	0.77022	-1.29833	0.3857	0.75719	-1.32067	0.899017	0.961069	-1.04051	0.17441	1.57123	1.57123	3.11703	4.82926	1.37717	1
cg03377789	0.0643253	0.50009	-1.99964	0.63634	0.853175	-1.17209	0.182347	0.623837	-1.60298	0.433703	0.766182	-1.30517	3.11699	5.48717	1.56481	1
cg11162637	0.0103586	0.639881	-1.56279	0.0289866	0.700528	-1.4275	0.384913	0.884115	-1.13108	0.677276	0.943775	-1.05957	3.11694	0.943689	0.269121	1
cg07015190	?	?	?	?	?	?	0.972047	0.971931	-1.02888	0.239173	0.364701	-2.74197	3.45523	27.5069	7.96095	1
cg24343312	0.991381	1.00321	1.00321	0.157435	0.63896	-1.56504	0.336114	0.745385	-1.34159	0.861224	0.949478	-1.05321	3.11691	4.33336	1.2358	1
cg24034106	0.106869	1.31898	1.31898	0.76584	0.954113	-1.04809	0.180205	1.25086	1.25086	0.0167507	1.58283	1.58283	3.11688	1.22107	0.348231	1
cg25072895	0.752291	0.927617	-1.07803	0.00872082	2.21007	2.21007	0.959502	1.01212	1.01212	0.296241	0.773363	-1.29305	3.11687	2.77971	0.792736	1
cg06367135	0.954506	1.03146	1.03146	0.0382819	0.271511	-3.68309	0.147742	0.430268	-2.32413	0.994209	1.00395	1.00395	3.11686	14.5559	4.15116	1
cg14083111	0.157773	0.844709	-1.18384	0.163745	1.18063	1.18063	0.466433	0.920526	-1.08634	0.329609	1.11898	1.11898	3.11684	0.616292	0.17576	1
cg10608717	0.20606	1.17003	1.17003	0.393972	0.902311	-1.10827	0.0299209	0.740273	-1.35085	0.17157	0.842519	-1.18692	3.11683	0.684204	0.195128	1
cg26190086	0.47384	0.93376	-1.07094	0.198819	0.880074	-1.13627	0.811857	0.977814	-1.02269	0.207138	1.13333	1.13333	3.1168	0.436966	0.124619	1
cg08062329	0.352153	0.848372	-1.17873	0.00265677	0.489755	-2.04184	0.0660193	1.42502	1.42502	0.839817	0.96584	-1.03537	3.11675	1.45593	0.415226	1
cg14584431	0.00878904	0.494119	-2.02381	0.00509369	0.457429	-2.18613	0.295382	0.795121	-1.25767	0.916281	1.02246	1.02246	3.11673	2.2034	0.628408	1
cg10592734	0.640525	0.695135	-1.43857	0.00356393	0.0472084	-21.1827	0.138609	0.291486	-3.4307	0.0346078	0.148821	-6.7195	3.11672	29.5127	8.41702	1
cg00280758	0.905354	0.953415	-1.04886	0.0133549	0.292547	-3.41825	0.0481051	0.404133	-2.47443	0.0406922	0.387634	-2.57975	3.11672	7.93974	2.26441	1
cg14598211	0.00698205	5.87397	5.87397	0.736277	0.842384	-1.18711	0.182619	2.04965	2.04965	0.593577	1.31433	1.31433	3.11668	12.7093	3.62474	1
cg09747827	0.0811998	1.48387	1.48387	0.191472	0.754034	-1.3262	0.00340545	2.25376	2.25376	0.389457	1.19727	1.19727	3.11667	2.05714	0.586705	1
cg19758541	0.0145993	2.08734	2.08734	0.0140043	2.10101	2.10101	0.211296	1.38021	1.38021	0.116192	1.51852	1.51852	3.11666	2.9552	0.84284	1
cg15044073	0.287574	3.29279	3.29279	0.00902906	35.9552	35.9552	0.00982737	33.8641	33.8641	0.091858	7.41132	7.41132	3.11662	57.4998	16.3994	1
cg07765161	0.234293	1.30076	1.30076	0.0719189	0.65462	-1.5276	0.961078	1.01035	1.01035	0.37839	1.20998	1.20998	3.1166	2.19549	0.626178	1
cg16080121	0.374432	1.08292	1.08292	0.0081283	0.743745	-1.34455	0.156866	1.14145	1.14145	0.106694	1.16638	1.16638	3.11658	0.37684	0.10748	1
cg17345964	0.27465	0.688083	-1.45331	0.449339	1.28861	1.28861	0.0339868	0.443061	-2.25703	0.0408648	0.460085	-2.17351	3.11657	5.3398	1.52298	1
cg15774028	0.651733	0.868897	-1.15088	0.132879	0.605617	-1.65121	0.815973	1.07477	1.07477	0.0830278	0.552331	-1.81051	3.11656	4.7218	1.34673	1
cg14941895	0.737663	0.893948	-1.11863	0.688546	1.14382	1.14382	0.0668589	1.98406	1.98406	0.182741	0.62405	-1.60243	3.11651	5.48947	1.5657	1
cg14179065	0.772167	0.932894	-1.07193	0.525995	0.857492	-1.16619	0.510756	0.852477	-1.17305	0.751119	0.926693	-1.07911	3.11649	2.82567	0.805942	1
cg09514545	0.0350186	0.245221	-4.07796	0.0106337	0.159127	-6.2843	0.0842179	0.335162	-2.98363	0.212286	0.471523	-2.12078	3.11647	16.1619	4.60974	1
cg16784092	0.0304727	0.806661	-1.23968	0.0768455	0.846843	-1.18086	0.512168	1.05777	1.05777	0.152725	1.13814	1.13814	3.11647	0.352315	0.100488	1
cg03440944	0.0566066	0.375918	-2.66015	0.0353956	0.329349	-3.03629	0.146277	0.493095	-2.02801	0.0547963	0.372493	-2.68462	3.11643	10.1454	2.89375	1
cg02066925	0.292376	1.32986	1.32986	0.0180932	2.11523	2.11523	0.0280797	0.508157	-1.96789	0.71435	1.10068	1.10068	3.11642	3.36124	0.95872	1
cg20881175	0.00675562	0.322827	-3.09764	0.410069	0.762415	-1.31162	0.282108	0.697736	-1.43321	0.0155827	0.38481	-2.59869	3.11642	5.11754	1.45966	1
cg08988420	0.261445	0.692936	-1.44313	0.110661	0.580154	-1.72368	0.308826	0.718989	-1.39084	0.0209658	0.418949	-2.38692	3.11641	4.84239	1.38119	1
cg13344587	0.779261	1.0664	1.0664	0.486892	0.850763	-1.17542	0.631112	1.11705	1.11705	0.0508036	1.6638	1.6638	3.1164	2.58367	0.736939	1
cg13148085	0.440178	1.40491	1.40491	0.086954	0.442037	-2.26225	0.766078	1.13752	1.13752	0.0691065	2.40698	2.40698	3.11639	9.20568	2.62574	1
cg24006126	0.106576	5.62258	5.62258	0.0413979	10.026	10.026	0.0336166	11.3827	11.3827	0.0298528	12.2395	12.2395	3.11638	47.399	13.5197	1
cg17327630	0.948912	1.00955	1.00955	0.811471	1.03608	1.03608	0.751306	1.0483	1.0483	0.0616485	1.36651	1.36651	3.11637	1.08615	0.309805	1
cg08067404	0.0111637	0.51943	-1.92519	0.291875	1.25261	1.25261	0.814127	1.0497	1.0497	0.0351093	1.65791	1.65791	3.11636	2.09346	0.597124	1
cg23889780	0.283784	0.71968	-1.38951	0.103878	0.591369	-1.69099	0.269527	0.71201	-1.40447	0.0573142	0.529832	-1.88739	3.11635	4.30692	1.22848	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1347 vs. N)	p-value(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26665668	THRA;THRA	0.8620681	0.803573	1.1093	0.1093	1.0318815	3.79018	3.790318	0.00354921	5.17973	5.17973	0.592654	1.25205	1.25205	0.870631	1.0702	1.0702	1.0702	0.759678	0.880108	-1.13622	0.183065	1.9739	1.9739	0.357376	1.48288	1.48288	0.329468	1.52029	1.51635	8.55097	2.43903	1
cg14059963	GPR19	0.0620685	0.008783	1.5098	0.002	-1.96155	0.0142431	1.84114	1.84114	0.880427	1.03086	1.03086	0.520418	0.876756	-1.14057	0.593155	0.896842	1.11502	0.547101	1.1309	1.1309	0.213213	1.30297	1.30297	0.454035	0.857295	-1.16646	0.852299	0.96307	-1.03835	1.31634	2.01169	0.573804	1
cg14076258	PAK1;PAK1	0.0620688	0.833907	1.08034	1.08034	0.052204	0.443675	-2.2539	0.188105	1.67074	1.67074	0.00962	3.34057	3.34057	0.110074	0.526804	-1.89824		0.597886	1.21638	1.21638	0.663587	0.851241	-1.17476	0.217182	1.61255	1.61255	0.223892	1.60035	1.60035	1.31633	6.68423	1.90658	1
cg19084362	NTRK1;INSR	0.0620696	0.956947	1.01264	1.01264	0.037282	0.569093	-1.75499	0.00725194	0.446649	-2.23889	0.964799	0.987964	-1.01032	0.227756	0.744835	-1.34258		0.556673	1.14835	1.14835	0.698778	0.913496	-1.0947	0.0128321	0.487209	-2.05251	0.360919	0.803701	-1.24424	1.31632	2.67197	0.762145	1
cg15130433	EZR;EZR	0.0620705	0.573784	1.07847	1.07847	0.180077	0.827592	-1.20832	0.62904	0.937338	-1.06685	0.471621	1.10223	1.10223	0.959833	0.7842	-1.27519		0.65681	0.94229	-1.06124	0.0410779	0.55946	-1.66817	0.0896684	0.779812	-1.28236	0.216627	1.1865	1.1863	0.872061	0.248746	1
cg11460331	MAPK3;MAPK3	0.0620708	0.081962	0.649866	-1.5385	0.1249111	1.4496	1.4496	0.0640906	1.58937	1.58937	0.692516	0.914993	-1.09329	0.0346639	0.576685	-1.73405		0.150272	0.708447	-1.41154	0.46315	0.8462661	-1.18166	0.311134	0.7911183	-1.26393	0.108182	1.47955	1.47955	1.6529	2.4658	0.703344	1
cg03960424	APCDD1L	0.0620712	0.54531	0.75256	-1.3288	0.691201	1.20373	1.20373	0.0970402	0.429195	-2.32994	0.971444	0.983513	-1.01676	0.0828603	2.43982	2.43982		0.133487	2.12056	2.12056	0.00491088	5.64544	5.64544	0.183501	1.92585	1.92585	0.384453	1.51307	1.51307	1.31628	10.6452	3.03643	1
cg08184665	IGF2BP3	0.0620723	0.816525	0.979864	-1.0373	0.0332846	0.448668	-2.22887	0.284758	0.532611	-1.9508	0.219775	1.5154	1.5154	0.0652546	0.513397	-1.94781		0.430259	0.771546	-1.2961	0.0291876	0.436977	-2.28848	0.111897	1.74664	1.74664	0.810499	0.925534	-1.08046	1.31626	5.12187	1.46097	1
cg22123504	LRRC4B;LRRC4;LRRC4B;LRRC4B	0.0620736	0.136632	0.752509	-1.25753	0.1114422	0.8285502	-1.20773	0.0218353	0.674854	-1.4818	0.452407	0.896377	-1.1156	0.851021	0.797489	-1.02723		0.887701	0.763869	-1.30912	0.0160011	0.31654	-3.15614	0.0178648	0.934528	-1.07006	0.31624	1.00786	1.00786	0.287486	1
cg13041470	RAD18	0.0620745	0.522948	0.857996	-1.16551	0.00482069	0.412864	-2.4221	0.192088	0.721343	-1.3863	0.382501	1.23598	1.23598	0.827846	1.05287	1.05287		0.21325	1.36352	1.36352	0.96521	1.01037	1.0037	0.683836	0.907687	-1.1017	0.0266944	0.537323	-1.86108	1.31622	2.76189	0.787817	1
cg09565494	FER	0.0620746	0.049262	1.1393	-1.3521	0.0179334	0.607949	-1.64507	0.0216	0.570153	-1.75333	0.980888	1.03557	1.03557	0.0407983	0.964556	-1.03655		0.370472	0.552536	-1.80984	0.0275706	0.181227	-5.51794	0.0122316	0.619337	-1.61455	0.0446817	0.230471	4.33895	1.31622	20.536	5.85782	1
cg19977232	PIP11L;FIP11L;FIP1L1	0.0620769	0.208555	0.668007	-1.49699	0.290002	0.715902	-1.39684	0.898689	0.961978	-1.03953	0.584416	0.845279	-1.18304	0.0484659	0.320801	-3.1172		0.402016	0.770267	-1.29825	0.0110427	0.37906	-2.63811	0.379044	1.31606	1.31606	0.187186	0.653482	-1.53167	4.57081	1.30383	1
cg08102772	MT1P	0.0620772	0.0507707	2.57919	2.37359	0.0282531	0.20992	2.20992	0.0789151	2.13353	2.13353	0.390949	1.40931	1.40931	0.132478	1.8786	1.8786		0.0121528	3.9623	3.9623	0.366253	0.0220859	2.37568	2.37568	0.0393874	2.52349	2.52349	0.316116	7.44924	2.12371	1
cg06907332	FUT6;FUT6	0.0620779	0.177969	0.417145	-2.39725	0.692658	1.27463	1.27463	0.106411	0.333097	-3.00213	0.377144	0.501382	-1.99449	0.00495849	0.103061	9.703		0.547557	1.45027	1.45027	0.0300185	0.210334	-4.75433	0.0852104	0.312741	-3.19754	0.19277	0.430861	-2.32094	1.31615	18.4135	5.2525	1
cg23471067	BNIP1	0.0620811	0.0922472	3.36934	3.36934	0.0449596	11.9721	11.9721	0.0294725	3.56856	3.56856	0.367997	3.82274	3.82274	0.248711	2.20413	2.20413		0.513834	1.54343	1.54343	0.302195	0.201496	2.01496	2.01496	0.0417024	4.65945	4.65945	0.31609	21.2041	6.04864	1
cg17935813	RAB20	0.0620828	0.2000074	2.737705	-1.29583	0.0243351	0.445864	-2.24314	0.644651	0.893837	-1.08715	0.218022	0.938287	-1.06537	0.511186	0.653583	-1.53003		0.0969652	0.705542	-1.41735	0.0818868	0.695125	-1.43833	0.937305	1.0151	1.0151	0.152716	0.74585	-1.34075	1.31607	3.88099	1.51632	1
cg26635219	CFTR	0.0620828	0.0420483	27.816	27.816	0.0577905	21.0154	21.0154	0.0337629	33.7631	33.7631	0.222086	6.18252	6.18252	0.0467869	25.3168	25.3168		0.056969	21.2825	21.2825	0.0328576	34.5845	34.5845	0.0214622	50.5081	50.5081	0.0599882	20.3346	20.3346	1.31606	99.4578	28.3714	1
cg27285599	TBC1D;ZNF750	0.0620843	0.776956	1.04441	1.04441	0.0146116	0.619329	-1.58421	0.663774	0.72699	-1.37553	0.910153	1.29392	1.29392	0.159906	0.794728	-1.25809		0.0287261	0.673858	-1.48399	0.272537	0.839676	-1.19094	0.915982	1.16415	1.16415	0.743696	1.05148	1.05148	1.31603	1.15533	0.329573	1
cg08644458	RP5;RP5	0.0620855	0.0163814	1.40403	-1.12237	0.1016132	0.301442	-1.31739	0.276139	0.468596	-2.13403	0.885765	0.908202	-1.10097	0.0638347	0.240284	-4.16029		0.0396652	0.705542	-1.41735	0.0818868	0.695125	-1.43833	0.937305	1.0151	1.0151	0.152716	0.74585	-1.34075	1.31607	3.88099	1.51632	1
cg19182279	GAK	0.0620856	0.0265177	0.109679	-9.11751	0.242419	0.358866	-2.78655	0.098493	0.219195	-4.56216	0.962374	0.961254	-1.04031	0.00581014	0.0484091	-20.6189		0.0703972	0.183773	-5.44151	0.183459	0.306599	-3.26159	0.344076	2.26235	2.26235	0.353206	0.449243	-2.22597	1.316	34.6289	9.87846	1
cg27331566	TRIM31	0.0620861	0.123485	2.97026	2.97026	0.0127414	2.8113	2.8113	0.468092	1.9068	1.59636	0.567967	0.685162	-1.49743	0.0181441	1.5918	1.5918		0.788854	-1.26766	-2.02705	0.0704704	0.134695	-8.73062	0.0140428	4.49891	4.49891	0.210412	2.36587	2.36587	1.31599	5.99377	1	1
cg18162528	ISG5F9B;ISG5F9	0.0620862	0.23256	0.832979	-1.20051	0.0789171	0.329551	1.32951	0.0964818	1.30526	1.30526	0.136873	0.791425	-1.26354	0.986997	1.00238	1.00238		0.99365	0.998839	-1.00116	0.0622649	0.594186	-1.68298	0.871959	0.976729	-1.02383	0.808908	1.036	1.0356	1.05166	0.300003	1
cg16442574	ZNF341	0.0620863	0.933713	1.0416	1.0416	0.00240002	0.125878	-7.9442	0.184836	1.99189	1.99189	0.332197	1.63259	1.63259	0.148615	0.468087	-2.13635		0.907214	0.944472	-1.05879	0.560416	0.748413	-1.33438	0.503986	1.39412	1.39412	0.47801	0.70226	-1.42397	1.31599	11.848	3.37983	1
cg27319536	PPP2R2B;PPP2R2B;PPP2R1B;PPP2R1E	0.0620876	0.69188	0.892505	-1.12044	0.24063	1.42011	1.42011	0.0904993	-1.00057	0.044766	0.518037	-1.93036	0.0400428	0.507984	-1.96856			0.858109	1.05242	1.05242	0.480139	1.22743	1.22743	0.418644	1.2661	1.2661	0.00796112	0.378597	-2.64133	1.31596	4.02247	1.14749	1
cg20247596	YPEL1;YPEL1;YPEL3	0.0620878	0.0798476	1.29742	-1.29742	0.181897	1.028	1.028	0.332954	1.18355	1.18355	0.664664	0.577251	-1.73224	0.327679	0.900755	-1.11042		0.985004	0.99757	-1.00244	0.985346	0.977303	-1.02315	0.757753	1.30567	1.30567	0.053128	0.621245	-1.60949	1.31595	0.619946	0.237615	1
cg05719612	CACNB2;CACNB2;CACNB2;CACNB2;CAC	0.0620914	0.506378	1.28238	1.28238	0.00651552	0.271371	-3.685	0.721665	1.14106	1.14106	0.249498	1.55892	1.55892	0.630192	0.836139	-1.19597		0.440097	0.747922	-1.33704	0.0845704	0.494721	-2.02134	0.0258019	0.376621	-2.65519	0.67614	1.16764	1.16764	1.31591	6.7159	1.91587	1
cg15473502	ST6GAL1;ST6GAL1	0.0620914	0.0331586	0.171364	-5.83553	0.0220331	0.142953	-6.99531	0.484351	0.604485	-1.6543	0.263693	0.438111	-2.28253	0.0239236	0.148033	-6.75525		0.0320498	0.6881	-1.52382	0.111759	0.243048	0.140366	-6.69494	0.0820225	0.255421	-3.9151	0.31589	24.759	7.06316	1
cg27638057	C18orf45	0.0620924	0.0706467	0.46522	-2.14948	0.0292616	0.377989	-2.64558	0.0331672	0.389348	-2.5684	0.102871	0.508679	-1.96588	0.012896	0.310542	-3.22018		0.0897222	0.492339	-2.03112	0.0745183	0.477132	-2.12255	0.134929	0.543089	-1.84132	0.0353284	0.395189	-2.53043	1.31587	7.08092	2.02003	1
cg26422757	PXT1;ACTD20	0.0620932	0.1284717	0.6318	-1.58268	0.0158403	0.627318	-1.5938	0.2873	0.487138	-2.087	0.0230852	0.0880502	-2.36232	-1.72316	0.0498139	-2.86482		0.615324	0.775582	-1.28959	0.0417845	0.266009	-3.75984	0.0178705	0.415585	0.15659	-6.38655	0.0239104	0.190435	-5.25123	0.0145	0.29801	-3.3555	0.31589	29.2881	7.9225	1
cg22157525	NDST1	0.0620951	0.164726	1.32343	1.32343	0.0990822	1.8498	1.8498	0.914711	0.97995	-1.02046	0.0502825	1.52486	1.52486	0.687487	1.07945	1.07945		0.94462	1.01322	-1.01322	0.791097	0.955047	-1.04547	0.441856	0.862205	-1.15982	0.0364981	0.631579	-1.58333	1.31581	1.76387	0.503203	1
cg18528091	AGAP1;AGAP1	0.0620953	0.1444	0.705493	-1.41733	0.0707994	0.167669	-5.96423	0.0670769	0.183654	-5.4457	0.0170509	0.168354	-5.94107	0.0170509	0.168354	-5.94107		0.0810458	0.591313	-1.69101	0.0380013	0.145012	0.145012	-6.89757	0.0248027	0.129196	-7.74116	0.0248027	0.129196	-7.74116	0.0248027	0.129196	-7.74116	0.31589	1.12309	0.356	1
cg14525527	CDBL	0.0620969	0.237029	0.447004	-2.23712	0.74184	1.23968	1.23968	0.890248	0.914172	-1.09389	0.93623	1.05339	1.05339	0.00362474	0.0774037	-12.9193		0.100625	0.310714	-3.21839	0.0150406	0.143363	-6.9753	0.756627	0.817053	-1.22391	0.33092	0.520985	-1.91944	1.31578	20.8461	5.9471	1
cg20513038	PDUSF2;PDUSF2	0.0620986	0.830835	1.05182	1.05182	0.828801	1.05251	1.05251	0.0181205	0.507738	-1.96952	0.371565	0.805188	-1.24195	0.154403	1.43196	1.43196		0.132936	1.46651	1.46651	0.0257924	1.86868	1.86868	0.210828	0.732433	-1.36531	0.3682211	0.803894	-1.24394	1.31574	2.75251	0.785263	1
cg22778189	SPRS11;IRIC4C;SFRS11	0.0621008	0.0258383	0.775923	-1.28925	0.0159393	0.886764	-1.1277	0.0163806	0.855395	-1.16978	0.646905	1.09391	1.09391	0.466403	1.11513	1.11513		0.193362	1.10972	-1.10972	0.144745	0.895667	-1.11649	0.395952	1.10322	1.10322	0.146878	1.19395	1.19395	1.3157	0.640104	0.182618	1
cg01206915	P4HA1;P4HA1;P4HA1;P4HA1	0.062101	0.0067816	0.472111	-2.11815	0.65164	0.907357	-1.1021	0.626562	0.900425	-1.11059	0.413431	0.83623	-1.19584	0.955144	1.01211	1.01211		0.0858643	1.50086	1.50086	0.804161	1.05458	1.05458	0.0160994	0.53261	-1.87755	0.9004	0.973572	-1.02715	1.31569	2.25787	0.644156	1
cg23214071	PLXDC1;PLXDC1	0.062103	0.7613881	1.06446	1.06446	0.600284	1.5145	1.5145	0.567022	1.13147	-1.37104	0.818445	0.901061	-1.21858	0.405361	1.25168	1.25168		0.5505	-1.78412	-1.78412	0.0662	0.232412	0.232412	0.204709	1.19032	1.19032	0.183449	1.25211	1.25211	1.31569	1.07014	0.170114	1.31569	1.07014	0.170114	1.31569	14.0979	4.19323	1
cg14998880	RARRES1;RARRES1	0.0621014	0.0249726	0.367795	-2.65397	0.1753111	0.590153	-1.69448	0.0274982	0.385282	-2.596	0.0250975	0.377227	-2.65093	0.59478	0.821651	-1.21706		0.905525	0.957487	-1.0444	0.0226802	0.494913	-2.02056	0.0134982	0.3334	-2.98199	0.31569	6.60641	1.88477	1																										
cg09226262	SYMPK;RSPHEA	0.0621021	0.112559	0.418184	-2.39129	0.9340329	1.04267	1.04267	0.101672	0.24703	4.27033	0.179508	0.486971	-2.05351	0.0792079	0.373996	-2.67383		0.644695	1.26246	1.26246	0.0113857	0.202152	-4.94677	0.269444	0.559661	-1.7868	0.191594	2.00921	2.00921	1.31567	12.5691	3.58592	1
cg24946689	FLNC;FLNC	0.0621022	0.438777	1.23606	1.23606	0.4063116	0.619329	-1.61317	0.0778726	0.792229	-1.26183	0.0937554	0.881488	1.05005	-1.33104	0.0813455	-2.70507		0.032413	2.04709	-1.95826	0.0110182	0.130549	-9.60161	0.0011497	1.0014	-1.00014	0.9969	1.0014	1.0014	1.3165	1.34078	0.459379	1
cg14998880	RARRES1;RARRES1	0.0621014	0.0249726	0.367795	-2.65397	0.1753111	0.590153	-1.69448	0.0274982	0.385282	-2.596	0.0250975	0.377227	-2.65093	0.59478	0.821651	-1.21706		0.905525	0.957487	-1.0444	0.0226802	0.494913	-2.02056	0.0134982	0.3334	-2.98199	0.31569	6.60641	1.88477	1
cg09226262	SYMPK;RSPHEA	0.0621021	0.112559	0.418184	-2.39129	0.9340329	1.04267	1.04267	0.101672	0.24703	4.27033	0.179508	0.486971	-2.05351	0.0792079	0.373996	-2.67383		0.644695	1.26246	1.26246	0.0113857	0.202152	-4.94677	0.269444	0.559661	-1.7868	0.191594	2.00921	2.00921	1.31567	12.5691	3.58592	1
cg24946689	FLNC;FLNC	0.0621022	0.438777	1.23606	1.23606	0.4063116	0.619329	-1.61317	0.0778726	0.792229	-1.26183	0.0937554	0.881488	1.05005	-1.33104	0.0813455	-2.70507		0.032413	2.04709	-1.95826	0.0110182	0.130549	-9.60161	0.0011497	1.0014	-1.00014	0.9969	1.0014	1.0014	1.3165	1.34078	0.459379	1
cg05372621	TMCO3	0.062104	0.294786	0.823662	-1.21409	0.321062	1.20086	1.20086	0.10416	0.725778	-1.37783	0.52105	0.890356	-1.12315	0.0063448	0.530247	-1.88591		0.821794	1.0411	-1.0411	0.0478429	1.49771	1.49771	0.13984	1.01357	1.01357	0.500225	1.12995	1.12995	1.31564	1.57292	0.448753	1
cg12404745	GBP6	0.0621008	0.0484803	0.612165	-1.63319	0.1218	0.538	-1.85586	0.0344355	0.515004	-1.94206	0.63576	0.703113	1.42248	0.0157402	0.114642	-8.71941		0.111567	1.28207	-1.55603	0.0181699	0.0962058	-10.3944	0.0148443	0.575411	-1.73789	0.162462	0.296143	3.37662	1.31564	7.64404	2.4006	1
cg13489501	EXD3	0.0621047	0.136245	0.629758	-1.58791	0.433774	1.25869	1.25869	0.480542	0.813386	-1.22943	0.960339	0.985778	-1.01443	0.00124691	0.257075	-3.88992		0.934373	0.976557	-1.02401	0.466176	0.807667	-1.23813	0.880864	1.04415	1.04415	0.615114	0.864136	-1.15723	1.31562	4.04926	1.16804	1
cg04764416	NDUFA6	0.0621048	0.59159	0.83725	-1.19452	0.4128	0.777171	1.31931	0.145361	0.761367	1.31931	0.145361	0.604835	-1.65261	0.0633747	0.468082	-2.13566		0.0707863	0.503174	-1.98738	0.0124547	0.175484	-5.69826	0.0112316	0.354564	-2.82056	0.0098213	0.135944	7.35556	1.31562	0.518344	0.162928	1
cg00129811	DSE;DSE	0.0621055	0.186971	0.463812	-2.15605	0.1030447	0.169627	-5.89529	0.0202148	0.274525	-3.64164	0.485044	0.677257	-1.47634	0.0137245	0.404247	-2.49846		0.419119	0.635437	-1.57372	0.142404	0.401028	-2.49359	0.0310097	0.68097	-1.46839	0.0210586	0.688817	-1.45099	1.31561	14.8867	4.24721	1
cg21696975	S100A7A	0.0621099	0.0532896	0.153108	-6.53136	0.0104482	0.063586	-15.7267	0.0736376	0.181843	-5.49926	0.303873	0.402441	-2.48483	0.100987	0.215399	-4.64255		0.307771	0.4056	-2.46548	0.0104729	0.0636696	-15.7061	0.0841743	0.195314	-5.11995	0.0761349	0.185108	-5.40226	1.31552	36.0503	10.2855	1
cg27513327	C16orf73;C16orf73	0.0621103	0.0408046	0.183865	-5.43795	0.1520233	0.376326	-3.00864	0.0770477	0.194237	-5.14964	0.260954	0.367208	-2.72348	-2.40914	0.0670488	-4.91913		0.0707863	0.503174	-1.98738	0.0124547	0.175484	-5.69826	0.0112316	0.354564	-2.82056	0.0098213	0.135944	7.35556	1.31562	0.518344	0.162928	1
cg08101036	HOXA3;HOXA3;HOXA3	0.0621111	0.035141	0.92239	0.792339	0.578609	0.64255	-1.5563	0.072673	0.4845	0.48485	0.028284	0.728247	0.70217	0.0657175	0.548219	0.48219		0.979805	0.980243	-1.02016	0.145225	0.343198	0.343198	0.157752	0.28965	0.328965	0.0134827	0.11478	0.11478	1.3155	30.6661	8.74942	1
cg04746197	PHLDA2	0.0621117	0.162713	0.487388	-2.06022	0.315273	0.604259	-1.65473	0.124905	0.446782	-2.23823	0.0773651	0.385947	-2.5917	0.0087476	0.179552	5.48219	5.48219	0.979986	-1.05138			0.0230475	0.267597	-3.73606	0.0417547	0.245395	-4.07506	0.425064	0.673616	-1.48452	0.8816772	1.07402	1.07402	1.31548	1.16207	3.31183	1
cg06658544	ZNF669;ZNF669	0.0621129	0.0439951	0.683623	-1.46337	0.2737513	0.284893	-3.51123	0.0184444	0.257121	-3.88844	0.0150567	0.0968887	-2.10267	0.00289119	0.0762721	-13.1111	13.1111	0.556408	-1.96007			0.0606463	0.705469	-1.41753	0.0756585	0.726222	-1.37682	0.0411818	0.753855	-1.32651	0.154546	1.33185	0.709398	1
cg03146625	HOXC7;HOXC4	0.0621138	0.428284	0.43772	-2.28457	0.0890993	0.147266	-6.79041	0.172794	0.227139	-4.40259	0.703201	1.47856	1.47856	0.273024	0.311783	-3.20736		0.241651	3.49756	3.49756	0.118116	0.176571	-5.66023	0.00773111	0.32943	0.32943	0.642246	0.620052	-1.61277	1.31544	5.14973	1.69311	1
cg04476019	AGPAT5;AGPAT3	0.0621157	0.632246	1.08211	1.08211	0.1483464	0.1	-9.1812	0.202122	0.304598	3.28569	0.0923215	0.0004	2.66546	0.0130558	0.0001	10000		0.100238	1.07099	1.07099	0.0004852	0.0001	10000		0.0001	10000		0.0001	10000		0.0001	10000		1.31543	1.64844	0.642052	1.3651	0.2958	1
cg20236750	LGI1	0.062117	0.197576	0.563961	-1.77317	0.6504414	2.38976	2.38976	0.00675348	4.37856	4.37856	0.591502	1.25586	1.25586	0.115321	0.486765	-2.05438		0.501464	1.33231	1.33231	0.328218	0.654163	-1.52867	0.405987	0.699411	-1.42977	0.862397	1.07568	1.07568	1.31538	8.72595	2.48971	1
cg04900931	C7orf26	0.0621216	0.0015567	1.404	1.404	0.3774511	1.17987	1.17987	0.127459	1.8414	1.35124	0.0875946	0.708643	-1.41115	0.216939	0.788754	-1.26781		0.376092	0.847284	-1.18024	0.827727	0.960977	-1.04061	0.0118704	0.74246	1.74246	0.233869	0.796171	-1.25601	1.31529	1.64584	0.46961	1
cg03888064	CCT3;CCT3;CCT3;C1orf182	0.0621218	0.0346586	0.20054	-4.98655	0.0404432	0.213501	-4.68382	0.350952	0.534561	-1.87069	0.290557	0.488904	-2.04539	0.0220144	0.192496	0.130581	-7.6581		0.0506067	0.238801	-4.27714	0.0158948	0.14563	-6.86674	0.47172	0.62027	-1.6122	0.0865076	0.290736	-3.43955	1.31529	21.0004	5.99207	1
cg19964475	SVIL;SVIL	0.0621218	0.0159918	0.291686	-3.42835	0.0534866	0.400032	-2.4998	0.105428	0.477603	-2.09379	0.107192	0.479705	-2.08462	0.0213905	0.315043	-3.17417		0.0219623	0.317238	-3.15221	0.0482778	0.38954	-2.56713	0.442382	0.720933	-1.38709	0.107769	0.480386	-2.08166	1.31529	8.6104	2.45682	1
cg14582226	CAV1	0.0621219	0.0899904	0.691443	-1.44655	0.2152033	0.376326	-3.00864	0.0770477	0.194237	-5.14964	0.260954	0.367208	-2.72348	-2.40914	0.0670488	-4.91913		0.0707863	0.503174	-1.98738	0.0124547	0.175484	-5.69826	0.0112316	0.354564	-2.82056	0.0098213	0.135944	7.35556	1.31562	0.518344	0.162928	1
cg18888657	HMGXB3;TIGD6	0.062124	0.0650692	0.662928	-1.50846	0.945095	0.986424	-1.01376	0.664778	0.917545	-1.08988	0.774539	0.944596	-1.05865	0.00600771	0.490417	-2.03908		0.0388303	0.622045	-1.6076	0.014936	0.552119	-1.8112	0.862389	0.967108	-1.03401	0.406536	0.844918	-1.18355	1.31524	1.94333	0.5545	1
cg28892493	PDUSF2;PDUSF2	0.0621242	0.1534245	0.652403	-1.53243	0.34296	0.738428	-1.35428	0.1822737	0.624218	-1.60216	0.126126	0.885124	-1.12959	0.0013877	0.0318144	-3.14525		0.369212	0.681481	-1.46741	0.568747	0.41841	-2.39076	0.0150181	0.515851	0.573446	-1.74398	0.0150181	0.515851	0.573446	-1.74398	0.0150181	0.515851	0.573446	-1.74398	0.31524	0.0150181	0.515851	0.573446	-1.74398	0.31524	0.0150181	0.515851	0.573446	-1.74398	0.31524	0.0150181	0.515851	0.573446	-1.74398	0.31524

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg20525955	TIAM2	0.062196	0.0259317	0.693936	-1.5292	1.0402207	0.68416	-1.46165	0.854042	1.02093	1.02093	1.0934842	0.8609738	-1.14977	0.66444	0.9324489	1.07234	0.4799838	1.12188	1.12188	0.02222559	1.55098	1.55098	0.1219328	1.26369	0.8204488	0.960257	-1.04139	1.11382	1.26482	0.363063	1
cg16789934	TTC17	0.062196	0.462398	0.826994	-1.20526	0.264252	0.74796	-1.33697	0.121365	1.52066	1.52066	0.0505804	1.74369	1.74369	0.0870618	6.6240031	-1.60248	0.6745445	1.11115	1.11115	0.0116318	2.197	2.197	0.822337	0.94542	-1.05773	0.2479484	1.3518	1.31378	3.07149	0.876814	1
cg20181233	CHRD	0.062197	0.096125	0.423282	-2.36249	0.956245	1.02615	1.02615	0.170875	0.503553	-1.98589	0.320339	0.616854	-1.62113	0.00226928	0.134108	-7.45667	0.0640656	0.375644	-2.6621	0.196505	0.525965	-1.90127	0.0646565	0.376655	-2.65495	0.3123551	0.611579	-1.63511	1.31379	10.9167	3.11638	1
cg14073716	EIF1(3)_TUT1	0.062198	0.803702	1.13424	1.13424	0.0580993	2.95435	2.95435	0.450318	1.47557	1.47557	0.5445386	1.36278	1.36278	0.0470176	3.616774	-1.35742	0.813513	0.887346	-1.12606	0.0253128	0.2606566	-3.8378	0.0389271	0.298472	-3.3504	0.4553348	1.46899	1.468899	1.13778	12.6153	3.60129	1
cg11665583	TFP11_TFP11	0.062198	0.700381	0.919349	-1.08773	0.380447	1.21611	1.21611	0.18417	0.736113	-1.35849	0.407051	1.20256	1.202556	0.0202556	0.38894	-2.57109	0.877706	0.967066	-1.03406	0.298866	1.26386	1.26386	0.6101105	1.11834	1.11834	0.503243	0.862656	-1.15921	1.31377	2.33244	0.665842	1
cg05315343	EDAR	0.062198	0.0126982	0.311971	-3.20543	0.647365	0.840957	-1.18912	0.8822949	0.492963	-2.02855	0.31523	1.47782	1.477824	0.172482	0.699337	1.16038	1.160318	0.900055	0.957934	-1.04391	0.0122592	0.309323	-3.22654	0.0595589	0.449444	-2.22495	0.7208883	0.873779	-1.14445	1.13277	0.67562	1.99133	1
cg04075191	DPP10;DPP10;DPP10	0.062199	0.971558	0.992843	-1.00721	0.915295	0.978793	-1.02167	0.975237	1.00627	1.00627	0.194956	1.31811	1.31811	0.476344	1.11708	1.11708	0.219937	1.29675	1.29675	0.00195003	0.413699	-2.41721	0.5846447	1.11763	1.11763	0.732312	1.07162	1.07162	1.31376	2.00168	0.571423	1
cg27109827	RAB5P2;RAB5P2	0.062199	0.507724	0.88254	-1.13259	0.716724	1.0701	1.0701	0.79115	1.05059	1.05059	0.0855058	0.702273	-1.42395	0.549814	1.11908	1.11908	0.202301	0.778563	-1.28442	0.00870798	0.537194	-1.86184	0.154793	1.3273	1.3273	0.0299608	0.622093	-1.60771	1.31376	1.70495	0.486714	1
cg18449052	AGAP3;AGAP3	0.062199	0.0480803	0.482765	2.0714	0.357742	0.899723	-1.25148	0.354134	1.33432	1.33432	0.962299	1.02541	1.025414	0.380031	1.31045	1.31045	0.133045	0.0250125	2.147802	2.47802	0.588549	0.838079	-2.68727	0.0156058	2.47802	0.588549	0.838079	-2.68727	0.0156058	1.31376	0.797292	0.245671	1
cg24496021	FCHSD2	0.0622	0.0329546	1.72788	1.72788	0.352333	1.2335	1.2335	0.748986	1.07293	1.07293	0.169282	1.52541	1.37861	1.37861	0.378013	1.21936	1.21936	0.043357	1.66443	1.66443	0.00391292	2.34319	2.34319	0.17045	1.37725	1.37725	0.0449206	1.65642	1.65642	1.31374	2.37094	0.676839	1
cg03218003	LOC729991-MEF2B;RFXANK;LOC729991-MEF2B;LOC729991;LOC729991-MEF2B;RFXANK;LOC729991	0.0622002	0.192429	1.98223	1.98223	0.445985	0.680256	-1.47003	0.342023	1.62506	1.62506	0.583976	0.760137	-1.31555	0.0849208	2.57243	2.57243	0.162689	0.477521	-2.09415	0.00903619	0.19285	-5.18537	0.2764991	1.75309	1.75309	0.20396	1.94435	1.94435	1.31374	12.1299	3.46277	1
cg12481433	HLA-H	0.0622011	0.0389093	1.72913	1.72913	0.363022	1.23996	1.23996	0.14574	1.43012	1.43012	0.400273	1.21801	1.21801	0.0725709	0.638494	-1.56618	0.246448	0.757585	-1.31998	0.0628578	0.619171	-1.61506	0.0805282	1.55891	1.55891	0.300213	1.27877	1.27877	1.31372	2.58723	0.73859	1
cg04385519	ADCY9	0.062016	0.281766	0.802397	-1.25046	0.554422	1.13405	1.13405	0.719755	1.04844	1.04844	0.841525	-1.18832	0.761757	0.950057	-1.04106	7	0.909055	0.957934	-1.04391	0.0122592	0.309323	-3.22654	0.0595589	0.449444	-2.22495	0.7208883	0.873779	-1.14445	1.13277	0.67562	1.99133	1
cg05328339	PTPRN2;PTPRN;2-PTPRN2	0.0622023	0.375918	0.8117	-1.21198	0.764592	0.933374	-1.07138	0.0572537	0.610289	-1.63857	0.0306418	0.558193	-1.7915	0.0885317	0.649604	-1.5394	0.323384	1.26386	1.26386	0.115084	1.48195	1.48195	0.687945	1.09713	1.09713	0.0260251	0.545259	-1.83399	1.3137	2.59933	0.742048	1
cg05937235	MAP7	0.0622042	0.129969	0.516564	-1.63783	0.0224251	0.21692	2.28192	0.418379	0.779249	-1.28329	0.566564	0.809674	-1.19094	0.0159988	0.553136	-1.94804	0.262089	0.702772	-1.42304	0.297843	1.38476	1.38476	0.046698	0.501012	-1.99767	0.1842001	1.30882	1.30882	1.31366	4.48662	1.28984	1
cg07126785	RPTOR;RPTOR	0.062205	0.20955	0.557912	-1.79325	0.446611	0.644611	-2.23908	0.830718	1.18101	1.18101	0.534669	0.610296	-1.63855	0.038004	0.190406	-5.25193	0.157088	0.308531	-3.24116	0.00237548	0.0371548	-26.9144	0.0479356	0.172523	-5.79633	0.198971	0.348275	-2.87129	1.3162	29.7797	8.50162	1
cg23229984	ABLIM3	0.0622063	0.325399	0.810706	-1.23349	0.375491	1.20679	1.20679	0.930543	0.982146	-1.01818	0.993517	1.00168	1.00168	0.00434472	0.454953	-2.19803	0.199619	1.32319	1.32319	0.474163	1.16233	1.16233	0.0347183	0.60126	-1.66317	0.7614419	0.939009	-1.06495	1.31362	2.10596	0.60122	1
cg14482741	CHRNE;C17orf107	0.0622066	0.0663751	3.14545	3.14545	0.0531807	1.39396	1.39396	0.268764	1.3323	1.3323	0.777753	1.22459	1.22459	0.0523868	3.41164	3.41164	0.0371204	3.84291	3.84291	0.0945454	6.23073	6.23073	0.0243041	4.45304	4.45304	0.195276	2.14254	2.14254	1.31361	15.2592	4.35626	1
cg08146054	UBE2D4	0.0622069	0.921923	1.02055	1.02055	0.1148581	1.86262	1.86262	0.0621432	1.546	1.546	0.0413113	0.613675	-1.62953	0.858996	1.03761	1.03761	0.0710966	1.51935	1.51935	0.454783	1.17111	1.17111	0.591022	0.893561	-1.11912	0.376212	0.828283	-1.20732	1.31361	2.1225	0.605942	1
cg09372135	GTF2A1;GTF2A1	0.0622079	0.672073	1.07056	1.07056	0.2908562	1.16958	1.16958	0.632804	1.03988	1.03988	1.039888	0.556693	0.889791	-1.11137	0.0691007	1.4346	1.4346	0.390518	0.851012	1.16003	0.1112821	0.7045581	-1.4204	0.1439429	0.749455	-1.3343	0.9728092	1.0061	1.0061	1.31359	1.555093	0.444208	1
cg09802018	DGKZ;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0622081	0.0711198	0.33018	-2.55701	0.1698534	1.97581	1.97581	0.47204	0.820117	-1.21934	0.329928	0.626119	-1.59734	0.0115047	0.229449	-4.35828	0.764146	0.869242	-1.15043	0.1191221	0.2318668	-4.31279	0.14907	0.486476	-2.0556	0.6271771	0.796167	-1.25602	1.3158	10.6948	3.05322	1
cg15950251	LTBAS1	0.0622105	0.0207678	0.425071	-2.35255	0.901009	0.962477	-1.03899	0.955023	1.01749	1.01749	0.0909299	0.56243	-1.77809	0.0683768	0.299326	-3.34084	0.324123	0.731272	-1.36748	0.0843933	0.562403	-1.77809	0.0683768	0.636766	-1.57044	0.2010314	0.666501	-1.50037	1.31354	4.65784	1.32978	1
cg17678139	DLC1	0.0622109	0.607849	0.768974	-1.30043	0.67679	0.808343	-1.2371	0.0574281	0.335969	-2.97647	0.983876	1.01031	1.01031	0.0073347	0.173345	-5.76883	0.254623	0.546777	-1.8289	0.00570156	0.158808	-6.2969	0.768218	0.860713	-1.16183	0.4244409	0.660967	-1.51294	1.31353	12.7028	3.62655	1
cg25446191	SKIL;SKIL;SKIL;SKIL	0.0622123	0.0261638	0.592002	-1.68938	0.6410818	0.964446	-1.03643	0.867823	0.988559	0.988559	0.0185497	0.511127	0.2078554	0.0001559	0.0155047	-4.47459	0.565316	0.44003	-2.27273	0.0015863	0.2118004	-4.72134	0.1858865	0.312194	-3.20255	0.0109513	-1.22755	0.5335	1.31327	4.722	1.28984	1
cg09580147	RRN3P3	0.0622135	0.496845	0.852603	-1.17288	0.1018994	1.51267	1.51267	0.0108914	0.674765	-2.09359	0.070008	0.626089	-1.59722	0.175117	0.716534	-1.39561	0.648543	0.90521	-1.10472	0.0425266	0.528237	0.3213939	3.21539	0.0750757	0.63243	-1.5812	1.31348	2.63468	0.752195	1
cg05522011	PRDM8;PRDM8	0.0622138	0.0486408	29.5851	29.5851	0.0398809	32.2478	32.2478	0.126496	10.1736	10.1736	0.106485	11.8651	11.8651	0.0579219	20.2552	20.2552	0.0793908	15.3749	15.3749	0.0138747	71.2697	71.2697	0.0316483	34.3172	34.3172	0.051232	22.5422	22.5422	1.31347	97.113	27.7255	1
cg25084760	PCCA;PCCA	0.0622145	0.0180186	0.393931	-2.53972	0.779241	0.964446	-1.03643	0.867823	0.988559	0.988559	0.0185497	0.511127	0.2078554	0.0001559	0.0155047	-4.47459	0.565316	0.44003	-2.27273	0.0015863	0.2118004	-4.72134	0.1858865	0.312194	-3.20255	0.0109513	-1.22755	0.5335	1.31327	4.722	1.28984	1
cg08583740	EMILIN3	0.0622148	0.065828	0.315356	-3.17102	0.938201	0.957627	-1.04425	0.42858	1.5712	1.5712	0.157945	0.429964	-2.32577	0.00491715	0.12453	-8.03018	0.396451	1.62498	1.62498	0.144251	0.4616042	-2.4036	0.0734213	0.327583	-3.05266	0.878594	1.08922	1.08922	1.31345	15.4137	4.40061	1
cg02144974	LING;LING	0.0622152	0.721436	0.894543	-1.11829	0.6273	1.62743	1.62743	0.0148806	0.58238	0.58238	0.0547293	1.54488	1.54488	0.0048797	0.2313	-4.32354	0.728955	1.3213	1.3213	0.0154555	0.27402	0.2395911	2.99591	0.0334153	0.2704524	0.414499	0.3344	-2.99101	1.31345	1.0261	0.102581	1
cg25544075	TTLL10	0.0622158	0.0799409	5.52441	5.52441	0.0160696	13.3529	13.3529	0.0880234	5.23881	5.23881	0.154585	3.81659	3.81659	0.168096	3.64077	3.64077	0.290269	1.62607	1.62607	0.00542869	24.9883	24.9883	0.703067	1.4006	1.4006	0.0569224	6.6545	6.6545	1.31343	38.1575	10.894	1
cg05004705	DNAH5	0.0622162	0.193278	0.693209	-1.44257	0.306876	0.754609	-1.32519	0.156714	0.668191	-1.49658	0.053115	0.557133	-1.7949	0.0260419	0.129402	-7.72514	0.181197	1.45911	1.45911	0.0167272	2.15657	2.15657	0.836348	0.946434	-1.0566	0.118028	0.636509	-1.57107	1.31342	3.49332	0.997349	1
cg25288897	C26A5	0.0622174	0.0756119	5.62235	5.62235	0.0499573	7.04182	7.04182	0.0955355	4.94679	4.94679	0.138669	4.02178	4.02178	0.0543403	6.72796	6.72796	0.0536738	6.77314	6.77314	0.0203626	11.4863	11.4863	0.0229957	10.7429	10.7429	0.0301156	9.26931	9.26931	1.31334	37.5875	10.7314	1
cg19085463	SNAI2	0.062218	0.889031	1.07444	1.07444	0.1800615	1.29607	1.29607	0.0617824	1.47813	1.47813	0.0764504	1.56537	1.56537	0.0133778	3.102884	-1.14216	0.438444	0.862603	-1.15956	0.0103734	0.1008	9.92064	1.4397353	0.0056398	0.07056	-14.1728	0.0013139	0.1739	-5.75	1.31339	0.7128	0.492153	1
cg13909342	TJP2	0.0622179	0.0891474	1.24827	1.24827	0.689728	1.04862	1.04862	0.552069	0.931307	-1.07376	0.0196874	1.39553	1.39553	0.325656	1.12756	1.12756	0.586972	0.937176	-1.06704	0.627056	1.05963	1.05963	0.970062	0.99557	-1.00445	0.0040318	1.57925	1.57925	1.31339	0.690009	0.197001	1
cg13232474	TTC18	0.0622191	0.761523	0.933689	-1.07102	0.887115	1.03254	1.03254	0.795129	1.06041	1.06041	0.514358	0.861522	-1.16074	0.114824	0.679404	-1.47188	0.00224392	0.381208	-2.62324	0.246799	1.31389	1.31389	0.543173	1.14881	1.14881	0.3631444	1.22335	1.22335	1.31337	2.50549	0.715337	1
cg00663435	LRP1B	0.0622193	0.723352	0.90401	-1.10617	0.7208706	0.948	1.05485	0.734748	1.09774	1.09774	0.0609602	1.43883	-1.43861	0.279199	1.79529	-1.35908	0.314593	0.582229	-1.71754	0.101946	1.96031	1.96031	0.2529106	1.84503	1.84503	0.0463878	1.47409	1.47409	1.31336	13.3393	3.80847	1
cg03322328	MYT1L	0.0622217	0.999432	0.999762	-1.00024	0.00726862	0.18657	3.18657	0.0455212	2.15463	2.15463	0.680904	1.14844	1.14844	0.0680188	0.504554	-1.98195	0.739152	1.11835	1.11835	0.259492	1.48251	1.48251	0.650156	1.16513	1.16513	0.219135	0.648843	-1.5412	1.31332	5.52425	1.57724	1
cg20602601	OBFC2B	0.0622231	0.290411	0.749543	-1.33395	0.1304685	1.23451	1.23451	0.0931248	1.67383	1.68509	0.567951	1.05762	1.0585	0.0503107	0.0912468	-10.9616	0.786468	0.966117	-1.03507	0.5319164	0.6896184	0.9661167	-1.03507	0.5319164	0.6896184	0.4443352	1.25293	0.862355	-1.15961	1.3129	0.577579	0.206876	1
cg17840326	BRD2	0.0622238	0.565612	1.11905	1.11905	0.0916352	0.697876	-1.43292	0.113085	0.716068	-1.39652	0.00788597	0.93497	1.93497	0.710577	1.07486	1.07486	0.913131	0.970088	-1.02136	0.113873	0.71668	-1.39532	0.50879	1.13861	1.13861	0.203107	1.29719	1.29719	1.31327	4.18941	0.528035	1
cg11571263	RRAGD;RRAGD	0.0622253	0.630935	1.06751	1.06751	0.554172	1.34085	1.34085	0.301654	0.861452	-1.15553	0.610662	1.07182	1.07182	0.11527	1.26025	1.26025	0.241084	1.18031	1.18031	0.0264597	0.7008852	-1.42683	0.1247272	0.798923	-1.25168	0.0860991	1.292	1.292	1.31324	0.899787	0.256906	1
cg20070091	DHCR24	0.062229	0.970827	0.990244	-1.00979	0.8127446	1.12327	1.12327	0.168993	0.941047	-1.06253	0.4129004	0.623306	0.885448	0.1858114	0.861994	-1.16051	0.593417	0.864798	-1.15634	0.4407	0.7215331	0.8851498	-1.12968	0.0310218	0.37814	0.407675	1.25369	1.31457	1.03178	7	1
cg19859270	GPR15	0.0622305	0.0285343	0.309985	-3.22596	0.307718	1.62411	1.62411	0.466404	0.754667	-1.39925	0.3766	0.662823	-1.5087	0.0312062	0.317938	-3.14527	0.0151841	0.25878	-3.86428	0.299427	0.6142021	-1.62813	0.32539	0.6311116	-1.5845	0.0253493	0.301084	-3.32133	1.31314	10.129	2.89211	1
cg19472302	ACAP2	0.0622329	0.0176258	0.599898	-1.66733	0.1044522	0.610887	-1.63701	0.215817	0.494946	-2.02035	0.0178937	0.359105	0.1941729	0.160752	1.37675	1.37675	0.794163	1.25922	1.25922	0.0297906	0.7944133	-1.25892	0.0297906	0.7944133	-1.25892	0.0297906	0.7944133	-1.25892	0.0297906	1.31313	2.09357	0.888573	1
cg16576895	C18orf25;C18orf25	0.0622316	0.679688	1.17597	1.17597	0.325565	0.672804	-1.48632	0.292378	0.6528	-1.53186	0.204034	0.68677	1.68677	0.171673	0.867811	1.15233	0.748487	0.881973	-1.13382	0.0150448	0.3123159	0.2129336	3.35775	0.3597595	0.0966595	0.23089	0.203809	1.31312	7.515012	2.14576	1
cg04630171	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CA MKK2;CAMKK2;CAMKK2	0.0622327	0.281334	0.872712	-1.14585	0.69268	0.952846	-1.04949	0.246706	0.863042	-1.15869	0.389111	0.898237	-1.11329	0.341033	0.887538	-1.12671	0.039505	0.748587	-1.33585	0.00964314	0.148935	1.48935	0.193764	0.846034	-1.18199	0.230416	1.16532	1.16532	1.1331	0.729002	0.208153	1
cg01317387	THNSL2	0.0622335	0.0427031	0.38147	-2.62144	0.0568125	0.410455	-2.43632	0.191148	0.564551	-1.77132	0.314564	1.53606	1.53606	0.737404	1.14913	1.14913	0.692028	1.18775	1.18775	0.189751	1.77489	1.77489	0.0828442	0.452316	-2.21084	0.0206365	0.316166	-3.16288	1.31308	8.41302	2.4022	1
cg17268726	NDUFA4	0.0622345	0.674557	0.867415	-1.15292	0.6107826	1.15729	1.15729	0.310071	0.675125	-1.48121	0.1838431	1.14561	1.14561	0.0020201	0.290602	-3.44007	0.0546169	0.538013	-1.85552	0.302428	0.739172	-1.35286	0.0997081	0.680767	-1.46893	0.1306	1.36559	1.31174	1.31174	0.4	0.1	1
cg04688104	ITGA8	0.0622356	0.937013	1.02372	1.02372	0.452776	1.25464	1.25464	0.188708	1.51139	1.51139	0.115452	0.601964	-1.66123	0.0150872	0.412399	-2.42484	0.0646822	1.85048	1.85048	0.0967879	0.5823621	-1.71714	0.1753308	0.652149	-1.53339	0.4034554	0.776026	-1.28862	1.31304	4.33699	1.23837	1
cg02816367	FYN;FYN	0.0622357	0.176382	0.48994	-2.04107	0.810912	1.12628	1.12628	0.748315	1.17241	1.17241	?	?	?	0.970088	1.01878	1.01878	0.0858852	2.5646	2.5646	0.797185	1.13629	1.13629	0.6894418	0.87679	0.87679	0.6468284	1.25785	1.25785	1.31568	0.9055	0.346535	1
cg02370991	TRIM27	0.0622381	0.962121	0.977152	1.02354	0.1599514	0.689603	-1.45011	0.132687	0.846021	-1.18161	0.0729153	0.720753	1.38759	0.0042443	0.2313	-4.32354	0.364569	1.11188	1.11188	0.0404526	1.53506	1.53506	0.1349042	1.80938	1.80938	0.0126586	1.2355	1.03206	1.83585	1.31305	1.14299	0.871599	0.248878	1
cg05868547	DPP10	0.0622385	0.313932	0.6363	-1.57159	0.103693	0.461885	-2.16504	0.00967012	0.241411	-4.14232	0.187171	0.545053	-1.83468	0.00539764	0.203952	-4.90311	0.455048	0.718711	-1.39138	0.980339	0.98936	-1.01075	0.0693574	0.413993	-2.4155	0.64994	0.8200193	-1.21937	1.31298	9.29038	2.6528	1
cg19574395	PDLIM7;PDLIM7;PDLIM7	0.062239	0.916302	1.03709	1.03709	0.2144552	1.08172	1.08172	0.626692	0.928183	-1.07701	0.215817	0.494947	-2.02035	0.004896	0.2313	-4.32354	0.364569	1.11188	1.11188	0.0404526	1.53506	1.53506	0.1349042	1.80938	1.80938	0.0126586	1.2355	1.03206	1.83585	1.31305	1.14299	0.871599	0.248878	1
cg17967319	PCNT	0.0622392	0.080458	0.781089	-1.28026	0.520471	1.08655	1.08655	0.0221348	1.41846	1.41846	0.214161	0.866612	-1.18118	0.0674787	1.0553	1.0553	0.991079	0.998576	-1.00143	0.0201018	0.6995551	-1.42949	0.104733	0.797767	-1.2535	0.672989	0.947345	-1.05558	1.31297	0.800851	0.228584	1
cg15078321	AHDC1	0.06224	0.119686	0.5264	-1.89966	0.175828	0.240428	4.16085	0.0228355	0.740862	-1.34975	0.0202354	0.883255	1.88255	0.0882725	0.787729	-1.26907	0.0570566	0.16682	-5.99382	0.0001666	0.0737937	-13.5609	0.0458997	0.540093	-1.85153	0.1935514	0.87839	-1.13829	1.31297	0.751357	0.21984	1
cg03553362	RAB40B	0.0622406	0.243926	0.824978	-1.21215	0.291077	0.841223	-1.18875	0.019266	0.639687	-1.56326	0.0236169	0.652781	-1.53191	0.611116	0.9222261	-1.08429	0.877129	0.975879	-1.02472	0.0523845	1.416466	1.41646	0.059513	0.714871	-1.39885	0.357447	0.861262	1.16109	1.31294	1.2279	0.350623	1
cg16829450	NTN4	0.0622413	0.53988	0.91803	-1.08929	0.126862	0.255553	-1.25553	0.31863	0.865708	-1.15273	0.0528889	1.35421	1.35421	0.417696	1.1209	1.1209	0.331247	0.870963	-1.14815	0.00785006	0.624919	-1.60021	0.349288	0.875653	-1.14201	0.1320227	0.88685	-1.15141	1.31293	0.936371	0.267378	1
cg25346709	DAB1	0.0622422	0.4515482	1.09144	1.09144	0.2982628	0.743694	-1.34471	0.31082	0.865694	-1.15576	0.244795	0.73536	-1.35966	0.0111744	0.2313	-4.32354	0.364569	1.11188	1.11188	0.0404526	1.53506	1.53506	0.1349042	1.80938	1.80938	0.0126586	1.2355	1.03206	1.83585	1.31305	1.14299	0.871599	0.248878	1
cg18051316	RDBP;SKIV2L;MIR1236	0.0622428	0.227438	0.480183	-2.08254	0.0127525	0.166697	-5.9989	0.0407275	0.254672	-3.92662	0.594877	1.36444	1.36444	0.0206073	0.199004	-5.02501	0.107244	0.361354	-2.76737	0.0364829	0.24478	-4.0853	0.14021	0.399012	-2.50619	0.23067	0.482865	-2.07097	1.3129	16.526	4.719	1
cg04128367	TRIM60	0.0622437	0.183155	0.759235	-1.31731	0.804288	0.40661	-2.46031	0.0763	0.830026	-1.23453	0.0107896	1.86744	1.86744	0.0193946	0.9852054	-1.01492	0.033706	1.62188	1.62188	0.143731	1.3798	1.3798	0.0972521	1.72545	-1.17845	0.1833799	0.840166	-1.19024	1.31288	1.875	0.553409	1
cg14698808	TNXB	0.0622458	0.360065	0.724337	-1.38057	0.533265	0.471273	-2.12191	0.0773899	0.510246	-1.95984	0.689874	0.871563	-1.14736	0.164223	0.6012284	-1.66311	0.009556	0.0005	0.324719	-3.07958	0.0107957	0.3336698	-2.99672	0.346017	0.7170751	-1.3946	0.0431248	0.450451	-2.22	1.1284	0.79105	1.65367	1
cg02639634	RGS20;RGS20	0.0622465	0.0524068	12.5375	12.5375	0.114814	7.14082	7.14082	0.14862	5.90605	5.90605	0.155185	5.71902	5.71902	0.207653	4.58649	4.58649	0.421341	2.56425	2.56425	0.00605601	60.9065	60.9065	0.0105448	39.9849	39.9849	0.819758	1.29905	1.29905	1.31283	64.7875	18.5005	1
cg04239291	COPB1;COPB1;COPB1	0.0622509	0.705533	0.93139	-1.07376	0.7301241	1.08172	1.08172	0.626692	0.928183	-1.07701	0.215817	0.494947	-2.02035	0.004896	0.2313	-4.32354	0.364569	1.11188	1.11188	0.0404526	1.53506	1.53506	0.1349042	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(2 ZZT vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg17182446	MS4A12;MS4A12	0.062328	0.170666	0.697104	-1.43451	0.704042	0.909932	-1.09898	0.8841308	0.623377	-1.60417	0.455773	0.8228012	-1.21073	0.03708127	0.4220907	-2.36459	0.388282	0.802803	-1.24564	0.697033	0.908052	-1.10126	0.0741476	0.6113119	-1.63581	0.00884576	0.420552	-2.37783	3.11122	3.03175	0.863039	1
cg14955692	NHLRC3;C13orf23;C13orf23;NHLRC3	0.0623287	0.012211	0.703726	-1.42101	0.641269	0.948567	-1.05422	0.509725	0.927508	-1.07816	0.625248	0.946114	-1.05695	0.15886	1.18466	1.18466	0.329032	1.12003	1.12003	0.0128204	0.706147	-1.41613	0.148617	0.8400115	-1.19046	0.717606	1.04172	1.04172	3.11122	0.6239957	0.178268	1
cg25419506	EIF4EBP3;ANKH0-1-EIF4EBP3	0.062329	0.450745	0.86105	-1.16197	0.00322817	0.457372	-2.1864	0.0344935	0.618757	-1.61614	0.646113	1.09418	1.09418	0.183254	1.3164	1.3164	0.249855	0.791269	-1.26379	0.491428	0.872798	-1.14574	0.550416	0.8890434	-1.12482	0.586424	0.898577	-1.11287	1.1112	1.86756	0.533573	1
cg03031555	PIK3AP1	0.062329	0.9509163	1.01727	1.01727	1.170452	0.679148	-1.49161	0.243174	0.715687	-1.39726	0.679388	0.8924464	-1.12057	0.00313963	0.2780666	-3.59627	0.10551	1.616071	-1.62313	0.2115012	0.694231	-1.42975	0.982655	0.9940615	-1.00597	0.722294	0.906881	-1.10268	3.1112	3.69686	1.05622	1
cg06806969	C14orf162	0.062333	0.0863081	0.48035	-2.44909	0.614205	0.786426	-1.27158	0.233862	0.554366	-1.80386	0.113787	0.443403	-2.25528	0.859998	1.08703	1.08703	0.997455	0.998494	-1.00151	0.0025076	0.137511	-7.27214	0.231797	0.552779	-1.80904	0.0425809	0.3316669	-3.01505	3.11117	11.0092	3.14543	1
cg03222244	SVIL	0.062339	0.469294	0.904226	-1.10592	0.374648	1.13271	1.13271	0.00717908	1.6074	1.6074	0.184396	0.8248672	-1.21232	0.291708	0.8610466	-1.16138	0.197702	1.20465	1.20465	0.775894	1.1098	1.1098	0.095645	1.28442	1.28442	0.0654278	1.32682	1.32682	3.11117	0.9214428	0.26326	1
cg13671771	PLEKHO2	0.062313	0.133762	0.506549	-1.97414	0.8990074	0.948035	-1.05481	0.400669	0.699778	-1.42903	0.352959	1.49475	1.49475	0.2253355	1.70832	1.70832	0.2449	0.599558	-1.6679	0.00361926	0.1908883	-5.23881	0.2041101	1.75708	1.75708	0.9489353	0.973433	-1.02729	3.11116	8.71507	2.48998	1
cg18565510	ACAP3	0.062315	0.048399	2.62362	2.82362	0.0965123	2.31603	2.31603	0.1459915	2.05142	2.05142	0.365031	1.53478	1.53478	0.4453202	1.43063	1.43063	0.133981	2.10404	2.10404	0.00844149	4.70218	4.70218	0.015104	3.95212	3.95212	0.0349373	3.1082	3.1082	3.11113	10.4382	2.98232	1
cg21635588	IPCEF1;IPCEF1;IPCEF1	0.062336	0.0861498	0.597531	-1.67355	0.0455394	0.534462	-1.86406	0.14891	0.550256	-1.81702	0.150952	0.5107952	-1.31477	0.654846	0.88497	-1.12998	0.0294473	0.329917	-3.03116	0.0004	0.0035	0.49173	0.827245	-1.20883	0.142946	0.652082	-1.53355	0.568448	0.16947	3.11117	3.63421	0.10384	1
cg08186671	SLC43A2	0.062334	0.414909	1.75656	1.75656	0.0216173	0.45333	0.45333	0.0340775	5.32264	5.32264	0.845367	0.876343	-1.14111	0.112756	0.311299	-3.21235	0.0626391	0.242623	-4.12163	0.292328	0.477807	-2.09289	0.784645	1.20342	1.20342	0.451298	0.595229	-1.68003	3.1111	22.5165	6.43331	1
cg04426779	C5orf50	0.062335	0.372126	0.860231	-1.16253	0.0001	0.1009	-10.1009	0.0174951	0.93462	-1.06995	0.842492	1.1476	1.1476	0.016057	0.9244	-1.08404	0.7605597	1.05149	1.05149	0.333514	1.24462	-1.2278	0.0834205	1.64203	-1.64203	0.0194215	-1.09503	3.1108	1.33016	0.3800449	1	
cg23582967	NEURL1B	0.062335	0.154175	0.734919	-1.36069	0.0200953	0.567664	-1.76161	0.13949	0.725364	-1.37862	0.0919018	0.68753	-1.45448	0.00576417	0.4816662	-2.07614	0.095449	1.00115	1.00115	0.0614952	0.653558	-1.53099	0.81389	0.953501	-1.04877	0.0934526	0.688992	-1.4514	3.11108	2.00872	0.573926	1
cg06807726	ZNF516 ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFA	0.0623358	0.00934428	0.300694	-3.32564	0.858228	0.936901	-1.06735	0.8807378	0.493619	-2.02585	0.0308283	0.396788	-2.52024	0.626643	0.836357	-1.19566	0.039429	0.404159	-2.47427	0.0310564	0.397454	-2.51602	0.656872	0.84961	-1.17701	0.0982075	0.5162255	-1.93703	3.11107	6.54715	1.87064	1
cg10825040	ND1;ZFAND1;ZFAND1	0.0623383	0.857355	0.96616	-1.03502	0.197662	1.29764	1.29764	0.915878	1.29914	1.29914	0.774175	1.056559	1.056559	0.2972808	1.802721	1.802721	0.971041	-1.02982	0.4077085	-2.09606	0.168682	0.75531	-1.32396	0.1600858	1.33269	1.33269	3.11102	1.803882	0.515393	1
cg19609502	FAM83F;FAM83F	0.062339	0.0490599	35.6834	35.6834	0.0306475	16.1884	16.1884	0.2529564	6.68404	6.68404	0.0695953	25.2508	25.2508	0.0245184	38.7272	38.7272	0.1250154	14.5083	14.5083	0.0102567	58.105	58.105	0.0153138	64.7514	64.7514	0.0323387	51.8888	51.8888	3.1101	124.716	35.6344	1
cg21774561	CSNK1D;CSNK1D	0.062339	0.184439	0.702235	-1.42403	0.00930482	0.436728	-2.28975	0.362808	0.790688	-1.26472	0.34974	0.785296	-1.27341	0.203079	1.40127	1.40127	0.849373	1.0489	1.0489	0.254628	1.34806	1.34806	0.06580856	1.67926	1.67926	0.241159	1.36082	1.36082	3.11101	3.10652	0.887607	1
cg12608295	GDAP11	0.062339	0.309007	0.828758	-1.20663	0.298455	0.619	-1.61596	0.0424966	0.5	-2.00001	0.0175996	0.4675	-2.13904	0.0001	0.2139	-4.67442	0.129864	0.74418	-1.34376	0.0022951	0.467507	-2.13907	0.0636529	0.847347	-1.18015	0.164336	0.812568	-1.23067	3.1099	1.56813	0.448055	1
cg07446397	LHX3;LHX3	0.062343	0.207489	0.597531	-1.67355	0.0455394	0.534462	-1.86406	0.14891	0.550256	-1.81702	0.150952	0.7981952	-1.25283	0.294003	0.7175596	-1.39354	0.952212	0.968423	-1.03261	0.7914045	0.542011	-1.84408	0.0018586	0.2544494	-3.93936	0.852788	0.944937	-1.05827	0.1857755	0.651948	-1.53386	4.58033	1.33872	1
cg22295211	BRI3BP	0.062343	0.672399	1.05001	1.05001	0.847061	0.97809	-1.0224	0.619605	0.944204	-1.05909	0.603564	1.06195	1.06195	0.261648	1.14373	1.14373	0.490226	0.922741	-1.08373	0.00118255	1.72583	1.72583	0.869828	0.983159	-1.01899	0.982955	1.00245	1.00245	3.11098	0.648536	0.185304	1
cg01179328	RFX13	0.062341	0.497808	0.907131	-1.10239	0.253826	0.44	-2.27273	0.0814	0.812143	-1.23146	0.0966	1.43049	1.43049	0.1345	1.12838	1.12838	0.155977	1.23981	1.23981	0.00304406	1.77707	1.77707	0.334593	0.868541	-1.15136	0.36437	1.14112	1.14112	3.11097	0.9883221	0.28239	1
cg27035734	RASSF9	0.062341	0.769782	1.11299	1.11299	0.19717	1.65545	1.65545	0.442766	0.751667	-1.33038	0.249441	1.55127	1.55127	0.0104769	0.3087556	-3.23881	0.595794	0.822601	-1.21566	0.0559099	1.49687	1.49687	0.041152	2.36373	2.36373	0.423705	1.34723	1.34723	3.11097	0.55579	1.87317	1
cg15122843	HDAC4	0.062345	0.4145808	1.18243	1.18243	0.1346691	1.61585	1.61585	0.3187977	0.8855	-1.12934	0.4677174	0.6629663	-1.50838	0.3881227	0.8373396	-1.19446	0.2587572	1.29725	1.29725	0.1906457	1.96547	1.96547	0.0388583	2.50745	2.50745	0.0406456	1.98683	1.98683	3.11097	0.7706218	1.29443	1
cg13078140	SLIT2	0.062345	0.0161928	2.0132	2.0132	0.966562	1.01002	1.01002	0.66916	1.10767	1.10767	0.341196	1.26279	1.26279	0.646353	1.11617	1.11617	0.78628	1.06679	1.06679	0.0206201	0.51517	-1.94111	0.589016	1.13855	1.13855	0.0240649	1.89671	1.89671	3.11086	2.78825	0.796707	1
cg16799805	RFX1	0.062345	0.131889	2.25839	2.25839	0.0334262	1.47291	1.47291	0.201941	1.96393	1.96393	0.0380739	3.3106	3.3106	0.203188	1.95925	1.95925	0.0447136	1.37204	1.37204	0.0436368	1.99619	1.99619	0.0070729	5.71118	5.71118	0.1368884	2.23152	2.23152	3.11086	12.3633	3.53266	1
cg05407722	RAB40C	0.062355	0.411454	0.709209	-1.38579	0.0394554	2.87936	2.87936	0.0288444	1.98886	1.98886	0.0552309	1.93237	1.93237	0.0260891	2.04281	2.04281	0.52045	1.18211	1.18211	0.0158217	1.58211	1.58211	0.758827	0.921099	-1.08566	0.979073	0.933541	-1.07119	3.1078	3.50922	1.02274	1
cg11396097	ULBP3	0.062351	0.532168	1.19318	1.19318	0.23913	1.41074	1.41074	0.0204644	2.18058	2.18058	0.173992	1.49738	1.49738	0.0331329	0.498932	2.00428	0.811082	1.06913	1.06913	0.0352624	1.9827	1.9827	0.195312	1.4657	1.4657	0.144772	1.54835	1.54835	3.11076	3.8388	1.09693	1
cg02005375	DDX18	0.062348	0.154453	1.77416	1.29173	0.176453	1.96584	1.96584	0.1729	1.73517	1.73517	0.15338	2.07985	2.07985	0.0299444	1.81212	1.81212	0.00987962	1.57841	1.72884	0.164308	1.93065	1.93065	0.0579121	1.43334	1.43334	0.21327	1.38028	1.38028	3.11076	3.1388248	0.936989	1
cg06307151	ZNF75D	0.062353	0.153332	0.466845	-2.14204	0.0333666	0.157084	7.29481	0.0243693	0.262718	-3.80636	0.929799	1.04488	1.04488	0.227174	0.5317055	1.88074	0.0493446	1.327054	1.327054	0.0357959	0.626721	-1.59561	0.305789	0.5896111	-1.69603	0.155236	0.468715	-2.13349	3.11069	12.2289	3.49445	1
cg04305325	FBXL18	0.062354	0.258279	1.29759	1.29759	0.100597	1.48768	1.48768	0.655742	1.10417	1.10417	0.441279	1.20239	1.20239	0.966598	0.990795	1.00929	0.045767	1.65823	1.65823	0.0478584	0.606761	-1.6481	0.38935	0.8229982	-1.21509	0.0256042	0.556728	-1.79621	3.11068	2.40299	0.686662	1
cg07837505	RP11-84A9.1;SNORA68;RPL18A	0.062355	0.0095108	0.0	0.0	0.0	0.369437	-2.7062	0.4648358	0.716323	-1.39602	0.242133	0.562749	-1.77762	0.0372029	0.3446503	-2.90189	0.713202	0.467131	-2.14073	0.0133809	0.344603	-2.90189	0.716723	0.842724	-1.18664	0.0165138	0.252721	-3.95983	3.11068	10.8657	3.1049	1
cg26547506	SPRYD4	0.062358	0.0728091	0.376673	-2.65482	0.176338	0.437645	-2.29118	0.956532	0.973758	-1.02695	0.625336	0.786559	-1.27136	0.0646562	0.363318	2.75241	0.019614	0.252683	-3.95753	0.0124357	0.219242	-4.56117	0.0193567	0.2523375	-3.96235	0.407344	0.661331	-1.5121	3.11066	11.7258	3.35073	1
cg23719393	C5orf38	0.062359	0.0387999	2.31496	2.31496	0.0397643	1.53641	1.53641	0.1438977	1.85593	1.85593	0.0882593	1.64313	1.64313	0.0117431	2.89573	2.89573	0.2340546	1.42461	1.42461	0.0474218	2.04861	2.04861	0.0474218	2.48236	2.48236	0.0478007	2.02239	2.02239	0.0317238	2.98249	3.11066	9.6166	3.08207	1
cg12071544	VASN;CORO7	0.062359	0.0370591	0.339513	-2.9454	0.102122	2.4501118	-2.22164	0.159135	0.510995	-1.95696	0.245241	0.581414	-1.71994	0.0310972	0.32336	3.09252	0.273205	1.66327	1.66327	0.0141228	0.258884	-3.86274	0.0612291	0.3902039	-2.56273	0.736259	0.859996	-1.1628	3.1106	0.8074284	2.80253	1
cg22923006	TMCO3	0.062368	0.853845	1.08313	0.0734271	0.37346	2.37346	0.028405	0.70731	0.07031	-1.08993	0.541487	-1.84677	0.121165	0.483008	2.07036	2.07036	0.17958	0.539422	-1.85384	0.299242	0.626934	-1.59506	0.0937688	0.222114	2.22114	0.200413	1.79617	1.79617	3.11058	9.23774	2.63981	1
cg23861457	XRCC3;XRCC3;XRCC3	0.062372	0.4548068	1.13243	1.13243	0.1346691	1.61585	1.61585	0.3187977	0.8855	-1.12934	0.4677174	0.6629663	-1.50838	0.3881227	0.8373396	-1.19446	0.2587572	1.29725	1.29725	0.1906457	1.96547	1.96547	0.0388583	2.50745	2.50745	0.0406456	1.98683	1.98683	3.11058	0.7706218	1.29443	1
cg27517717	TLE6;TLE6	0.062362	0.707037	1.15032	1.15032	0.963311	0.984466	-1.01578	0.454982	1.32613	1.32613	0.501393	1.28801	1.28801	0.225641	1.60315	1.60315	0.0353361	0.402923	-2.48187	0.00383062	0.235533	-4.24569	0.696373	1.15645	1.15645	0.8096685	0.952957	-1.04937	3.11055	6.77755	1.93679	1
cg17231677	FAM178A;FAM178A;FAM178A	0.062368	0.0743865	2.22563	2.22563	0.0516849	2.63169	1.0087	0.144828	0.433388	2.30783	0.547428	1.83037	1.83037	0.0056599	0.4199574	2.38107	0.0445642	2.09385	2.09385	0.0156507	0.374462	-2.68483	0.5154304	0.4579392	-2.18373	0.132251	0.324511	-3.08224	0.4008	3.11055	14.0098	4.00954	1
cg21480969	MYH15	0.062365	0.203746	0.72108	-1.38681	0.353063	1.26231	1.26231	0.634553	0.889824	-1.12382	0.162496	1.43836	1.43836	0.0189228	0.6957	1.43756	0.0533705	0.857565	-1.16609	0.964563	0.988228	-1.01089	0.945245	0.861361	-1.16095	0.92953	0.978668	-1.0218	3.11049	0.927557	0.836617	1
cg01644020	NEFL	0.062367	0.494662	0.734864	-1.3608	0.574107	0.777036	-1.28694	0.352304	1.52991	1.52991	0.805116	1.11608	1.11608	0.0445284	0.358838	-2.78677	0.523375	0.750277	-1.33284	0.024118	0.302776	-3.30277	0.0191184	0.52479	0.52479	0.319352	0.57959	0.57959	3.11044	9.72211	2.77834	1
cg26236835	DKF2BP689I15217;DKF2P68611521	0.062368	0.0322365	2.22563	2.22563	0.0516849	2.63169	1.0087	0.144828	0.433388	2.30783	0.547428	1.83037	1.83037	0.0056599	0.4199574	2.38107	0.0445642	2.09385	2.09385	0.0156507	0.374462	-2.68483	0.5154304	0.4579392	-2.18373	0.132251	0.324511	-3.08224	0.4008	3.11044	14.0098	4.00954	1
cg16519758	MICAL3;MICAL1;MIR648;MICAL3 CDK18;CDK18;CDK18;CDK18;CDK18;CD	0.062369	0.0810271	2.35512	2.35512	0.0124984	1.95882	1.95882	0.0696094	2.45613	2.45613	0.0813433	2.35186	2.35186	0.222467	1.76421	1.76421	0.0641344	2.51224	2.51224	0.0291456	3.12162	3.12162	0.244862	2.77481	2.77481	0.0340353	2.99073	2.99073	3.11042	9.65867	2.76024	1
cg01225317	K18	0.062369	0.026034	0.743067	-1.34577	0.677547	0.954076	-1.04813	0.0317769	0.761874	-1.31255	0.785404	1.03116	1.03116	0.137177	1.19721	1.19721	0.125301	1.20506	1.20506	0.866472	1.0191	1.0191	0.0474834	1.29031	1.29031	0.744892	0.963959	-1.03739	3.11042	0.62265	0.17794	1
cg18637135	SMARCA2;SMARCA2	0.062375	0.1783735	0.594023	-1.68357	0.0210762	0.220222	0.02822	0.8340266	1.05633	1.05633	0.8611	1.09569	1.09569	0.2813353	1.14993	1.14993	0.0612975	0.577314	-1.73261	0.0194953	0.1491	-6.70775	0.0159582	0.5259	0.5259	0.0152	0.5252	0.5252	3.11042	1.45813	0.3189	0.964599	1
cg27337344	C11orf17;ST5;C11orf17	0.062373	0.0044834	3.8871	3.8871	0.023777	1.95296	-2.14215	0.127127	0.675353	1.24573	0.233482	1.23174	1.23174	0.515793	0.894496	1.11795	0.605375	0.915584	-1.0922	0.0863075	1.37801	1.37801	0.807597	1.04215	1.04215	0.0253622	1.5692	1.5692	3.11039	1.41041	0.403067	1
cg11158819	HTR3E	0.062370	0.0029497	0.284216	-3.51846	0.0626938	0.240385	-4.15999	0.0952576	0.287217	-3.48169	0.0835247	0.271527	-3.68287	0.0164935	0.136162	-7.34417	0.022853	0.156694	-6.38188	0.0194945	0.146358	-6.83255	0.113168	0.3093325	-3.23285	0.0820135	0.269422	-3.71164	3.11038	22.8187	6.52115	1
cg04946681	ZNF664	0.062372	0.350753	0.724173	-1.38092	0.0301865	0.255091	-3.92017	0.203824	0.637207	-1.56935	0.93698	1.02693	1.02693	0.208928	0.640775	-1.56061	0.164218	0.607295	-1.64665	0.188962	0.626475	-1.59623	0.0222508	0.398225	-2.51114	0.693253	1.14249	1.14249	3.11035	5.5622	1.58959	1
cg26548141	NPNT	0.062372	0.821466	0.95974	-1.04209	0.0374751	0.782906	-1.27731	0.0366807	0.668394	-1.50626	0.953456	0.97454	-1.02615	0.0740229	0.217734	-4.59314	0.474811	0.97343	-1.02706	0.7839559	1.12911	1.12911	0.0713501	0.6656115	0.6656115	0.0155108	0.2673575	-3.74007	3.11034	9.61666	2.74229	1
cg16711983	FAM129A	0.062372	0.00967912	0.130502	-7.66202	0.288403	0.503783	-1.98498	0.0055918	0.517139	-1.93371	0.0922028	0.315686	-3.16771	0.0869609	0.308548	-3.24098	0.228205	0.503662	-1.98546	0.0055918	0.528105	-4.38396	0.0137823	0.5304484	-1.88527	0.0145324	0.2402487	-4.16596	0.102759	0.227562	2.27562	0.634514	1.24681	3.11027	10.4508	2.98675	1
cg19384997	CRYL1	0.062375	0.1246616	0.648358	-1.54256	0.0726657	0.660167	-1.51499	0.0411948	0.594643	-1.68163	0.0366494	0.8142454	-1.21278	0.0434774	0.2457483	-4.06974	0.1024453	0.636933	0.660974	0.0411948	0.594643	-1.68163	0.0366494	0.8142454	-1.21278	0.0434774	0.2457483	-4.06974	3.11027	0.656255	0.859755	-1.61334	0.1827	0.956239	1
cg04911723	TLK1	0.062396	0.345224	0.712312	-1.40388	0.396479	0.738598	-1.35392	0.0304538	0.411667	-2.42915	0.752792	1.11657	1.11657	0.00861528	0.310686	-3.21868	0.177195	0.60623	-1.64954	0.0104631	0.324796	-3.07886	0.607177	0.834471	-1.19836	0.125561	0.560744	-1.78334	3.11021	5.99824	1.71428	1
cg06976290	ANKK1	0.062397	0.0577388	1.82548	1.82548	0.120699	0.73928	0.75828	0.357761	1.83014	1.83014	0.178073	0.693799	0.693799	0.0289444	1.81212	1.81212	0.0917024	1.12348	1.12348	0.0122671	0.68496	0.68496	0.0215504	1.45799	1.45799	0.0483101	1.28251	1.28251	3.11021	1.902353	0.25742	1
cg02370667	NECAB2	0.06238	0.057881	1.316504	-3.51952	0.964758	1.02399	1.02399	0.531258	1.40533	1.40533	0.110403	1.15008	1.15008	0.0124146	1.186898	1.35051	0.274199	1.5431	1.84128	0.0394373	0.279236	-3.5812	0.148034	0.29928	2.29928	0.232003	0.510404	-1.95923	3.1102	1.14802	0.452667	1
cg08442550	SOLH	0.062803	0.393377	0.8006	-1.24906	0.163352	0.684942	-1.45998	0.00452489	0.382022	-2.61765	0.681801	1.11056	1.11056	0.664174	0.894836	-1.11752	0.104968	0.637205	-1.56935	0.0103072	0.439454	-2.27555	0.781586	0.931744	-1.07326	0.361349	0.78767	-1.26957	3.1102	1.18716	0.910885	1
cg03773882	ORC1	0.062803	0.0232707	1.140663	1.140663	0.1019	0.461	-2.16757	0.0362577	0.187858	-5.32313	0.180996	0.26466	-3.77907	0.0176136	0.081585	-12.2563	0.046507	0.585374	-1.70811	0.0214453	0.296834	-3.36888	0.0499429	0.1984	-5.04032	0.010168	0.0954004	-10.4811	3.1018	25.7808	7.36815	1
cg17815933	FOXJ2	0.062811	0.190185	0.415306	-2.40787	0.602221	0.39523	2.39523	0.444576	1.63824	1.63824	0.877874	0.907198	-1.1023	0.531175	0.669314	-1.49446	0.507864	1.53033	1.53033	0.0321085	0.203924	-4.9038	0.0694172	0.913797	0.913797	0.243905	0.461998	-2.16451	3.11018	19.7601	5.64743	1
cg22649421	B4GALNT1	0.062811	0.0407	2.46037	2.46037	0.0283208	1.44445	1.44445	0.1007767	1.92068	1.92068	0.1032484	1.2559	1.2559	0.0984148	1.17901	1.17901	0.772146	1.29558	1.29558	0.0266014	1.29558	1.29558	0.0266014	1.29558	1.29558	0.0266014	1.29558	1.29558	3.11018	0.0	0.0	0.0	1
cg05614058	GRWD1;GRWD1	0.062829	0.633819	0.851415	-1.17452	0.0263445	0.92756	-1.92756	0.0442966	2.47155	2.47155	?	?	?	?	?	?	0.285096	1.46997	1.46997	0.0145366	3.63018	3.63018	0.0323902	2.73183	2.73183	0.100173	1.94569	1.94569	3.11018	0.5384	0.677312	1
cg08963972	CTL1	0.062837	0.0394305	0.39658	-2.52156	0.671601	1.18003	1.18003	0.701737	0.861246	-1.16111	0.406091	1.39088	1.39088	0.00498294	0.236249	-4.23283	0.640239	1.20048	1.20048	0.471159	1.32916	1.32916	0.172154	0.568847	-1.75794	0.104112	0.501695	-1.99324	3.11005	7.42237	2.1214	1
cg14476095	LOC285194	0.062881	0.766326	1.07249	1.07249	0.582521	0.975717	-1.02489	0.810907	0.702976	-1.42289	0.302852	1.04034	1.04034	0.0134102	0.652502	1.53266	0.0298049	0.506042	-1.97596	0.0178056	0.547426	-1.82725	0.0164851	0.4006	2.4006	0.0114004	0.755295	-1.32417	3.11004	1.14248	0.399153	1
cg13008310	POU5F1	0.062883	0.0307119	0.351156	-2.84774	0.0272167	0.340393	-2.93778	0.0151799	0.292358	-3.42046	0.104764	0.481421	-2.07718	0.0383567	0.371782	-2.68975	0.165379	0.54331	-1.84057	0.94301	0.970952	-1.02992	0.316545	0.652502	-1.53256	0.034697	0.3623241	-2.75983	3.11004	8.37382	2.39335	1
cg18695839	HOXC4;HOXC4	0.062887	0.627194	0.887737	-1.12646	0.345645	0.74026	-1.34371	0.0857173	0.624262	-1.60188	0.027447	1.88112	1.88112	0.460481	0.531929	-1.8806	0.517859	0.82564	-1.2193	0.383784	0.830853	-1.2441	0.0127003	0.8778567	-1.1402	0.52357	0.909834	-1.11058	0.10278	0.291569	0.833344	1
cg13195284	NCRNA00182	0.062905	0.0716209	0.405976	-2.4632	0.139557	0.210991	2.03991	0.442375	0.703974	-1.42051	0.0176491	0.564577	3.64577	0.036417

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. Normal)	Fold-Change(1 vs.Normal)	p-value(3477 vs. N)	p-value(3477 vs. Normal)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. Normal)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)	SS(Test)	SS(Error)
cg26478079	ATP6V1G2;NFKBIL1;ATP6V1G2-DSCR8;DSCR8;DSCR8;DSCR4;DSCR4;DS	0.0624624	0.0101308	0.166733	-5.99763	0.915212	0.942881	-1.06058	0.24604	1.95423	1.95423	0.132644	0.408157	-2.45004	0.030139	0.245068	-4.08051	0.0717649	0.329481	-3.03508	0.789793	1.159	1.159	0.289298	0.544739	-1.83574	0.068278	0.32388	-3.08756	1.08558	15.0158	4.29371	1
cg07064066	CR8;DSCR8	0.0624632	0.673599	0.884428	-1.13067	0.676348	0.88541	-1.12942	0.00389597	0.324111	-3.08536	0.0310474	0.480066	-2.08305	0.443532	0.797342	-1.25417	0.0404155	0.503463	-1.98624	0.0387232	0.499597	-2.00161	0.597537	0.856886	-1.16702	0.527726	0.830709	-1.20379	1.08557	4.13747	1.1831	1
cg06451900	LOC145845	0.0624633	0.983939	0.993475	-1.00657	0.0077354	3.04232	3.04232	0.390527	1.33128	1.33128	0.147552	0.603285	-1.65759	0.680836	1.14397	1.14397	0.392055	1.33	1.33	0.00943507	2.91551	2.91551	0.370592	1.34853	1.34853	0.911803	1.03669	1.03669	1.08557	5.20731	1.48902	1
cg04455430	DMRTA2	0.0624644	0.0922593	0.442454	-2.26032	0.226724	0.572072	-1.74803	0.0080841	0.898429	-1.11305	0.16331	0.519904	-1.92458	0.0153312	0.260916	-3.70486	0.123652	0.480089	-2.08295	0.00686233	0.224279	-4.6668	0.556688	1.28089	1.28089	0.0961008	0.447484	-2.23473	1.08557	9.53277	2.7259	1
cg10766289	KRT1 PACRG;PACRG;PACRG;PACRG;PARK2;P	0.0624649	0.738467	1.13744	1.13744	0.0198727	0.339436	-2.94606	0.0504922	0.424586	-2.35523	0.224036	0.612077	-1.63378	0.084689	0.480546	-2.08097	0.0551025	0.433534	-2.30663	0.353181	0.69271	-1.44361	0.61548	0.823141	-1.21486	0.0072788	0.264389	-3.7823	1.08553	7.27165	2.07934	1
cg06582575	ARK2;PARK2	0.062465	0.381021	1.22685	1.22685	0.00420217	2.39263	2.39263	0.7926	1.06179	1.06179	0.175141	1.38801	1.38801	0.618735	0.892121	-1.12092	0.169277	0.716628	-1.39542	0.105697	0.668889	-1.49502	0.0166548	0.99591	-1.00411	0.274471	1.29529	1.29529	1.08553	2.54897	0.72888	1
cg21435568	ANKRD20	0.062465	0.344666	0.638722	-1.56563	0.0351938	0.323074	-3.09527	0.345505	0.639249	-1.56433	0.269927	0.589141	-1.69739	0.0164486	0.259221	-3.85771	0.317135	0.621093	-1.61006	0.169293	0.509465	-1.96284	0.0279392	1.30751	1.30751	0.659495	0.815287	-1.22656	1.08553	10.4429	2.98617	1
cg26394244	NID2	0.0624654	0.915642	0.963742	-1.03763	0.0183576	1.34056	1.34056	0.259511	1.60842	1.60842	0.0168481	0.687446	1.15939	1.15939	0.560634	1.22761	1.22761	1.22761	0.349557	1.22761	1.22761	2.77182	0.149357	1.73147	1.73147	0.00439893	1.76359	1.76359	1.08553	5.58134	1.73167	1
cg17970299	ZNF385A;ZNF385A;ZNF385A	0.0624668	0.0460364	4.96256	4.96256	0.731707	0.785736	-1.27269	0.00830921	0.10315	10.6315	0.02175	0.88869	6.88869	0.499959	1.61567	1.61567	0.608997	0.696656	-1.43543	0.74736	1.25414	1.25414	0.784978	1.21121	1.21121	0.0445301	0.53491	0.53491	1.0385	24.1682	6.911	1
cg27592059	PCDHB16;PCDHB8	0.0624672	0.383829	0.794778	-1.72807	0.184487	2.36981	2.36981	0.133799	2.66941	2.66941	0.818205	1.53157	1.53157	0.0828978	0.126197	-2.92413	0.308196	0.528871	1.90887	0.560495	0.697093	-1.43453	0.0479988	0.62268	0.622268	0.634612	0.745078	-1.34306	1.08549	18.4973	5.28999	1
cg07031839	MBOAT2;MBOAT2	0.0624701	0.228551	0.864169	-1.15718	0.356397	1.11581	1.11581	0.302027	1.13145	1.13145	0.116452	0.821144	1.21781	0.528129	1.07663	1.07663	0.269299	1.14213	1.14213	0.143591	0.833984	-1.19906	0.83926	1.02374	1.02374	0.00540742	1.52646	1.52646	1.08543	0.6569574	0.187869	1
cg07038577	KPR1;XPR1	0.0624705	0.140907	0.5154	-1.94024	0.307015	0.642375	-1.55672	0.181105	0.511983	-1.81655	0.127073	0.199491	1.99493	0.0145021	0.398004	2.51252	0.983601	0.991435	-1.00864	0.139529	0.314034	-1.49086	0.139136	0.139136	0.398004	0.696159	-1.43645	1.08543	8.62322	2.4659	1
cg04398916	FTSJD1;FTSJD1;FTSJD1	0.0624708	0.0185632	2.12822	2.01282	0.0385215	0.939841	-1.00401	0.0922286	1.56459	1.56459	0.600538	0.978555	-1.13823	0.141808	1.47256	1.47256	0.0534789	0.588013	-1.72566	0.713387	0.933559	-1.09462	0.0195561	1.02601	1.02601	0.0365235	1.81401	1.81401	1.08542	2.29653	0.645454	1
cg23556680	NOLC1	0.0624718	0.611393	0.916967	-1.09055	0.220702	0.804277	-1.24335	0.0223197	0.629252	-1.58919	0.352515	0.850568	-1.17569	0.0216784	0.627301	-1.59413	0.0330021	0.655863	-1.52471	0.00778287	0.560975	-1.78261	0.761046	0.949709	-1.05295	0.30057	0.834041	-1.19898	1.0484	1.04896	0.402912	1
cg14272573	AFF1;AFF1	0.0624719	0.277128	1.32436	1.24241	0.114247	1.39087	1.39087	0.278299	1.24172	1.24172	0.865903	0.967921	-1.03134	0.00458018	0.48437	-2.06454	0.91456	0.979601	-1.02081	0.180976	1.31159	1.31159	0.949988	1.20293	1.20293	0.328964	0.823078	-1.21348	1.0484	1.81567	0.519214	1
cg10426827	AGSL1	0.0624723	0.0245353	1.38851	1.38851	0.0158013	2.25853	2.25853	0.109841	1.00401	1.00401	0.0922286	1.56459	1.56459	0.600538	0.978555	-1.13823	0.141808	1.47256	1.47256	0.713387	0.933559	-1.09462	0.0195561	1.02601	1.02601	0.0365235	1.81401	1.81401	1.08542	2.29653	0.645454	1
cg24791188	FCHO1;FCHO1;FCHO1;FCHO1	0.0624729	0.0610634	1.98014	1.98014	0.123868	0.583138	-1.71486	0.83393	1.07031	1.07031	0.0991781	0.557109	-1.79498	0.615667	0.848093	-1.17799	0.309816	0.711675	-1.40514	0.136089	0.594637	-1.6817	0.0171372	2.56055	2.56055	0.399441	1.32204	1.32204	1.08538	5.15646	1.47457	1
cg00551654	EAR2;EAR2	0.0624752	0.092666	0.849812	-1.17703	0.232641	1.12141	1.12141	0.0468548	0.838693	-1.22157	0.907088	1.0014	1.0014	0.881766	1.01556	1.01556	0.172725	1.13717	1.13717	0.0184552	1.28811	1.28811	0.114225	0.883313	-1.1644	0.611196	0.955599	-1.04646	1.08533	0.386343	0.110482	1
cg20815643	MUC12 SEC31A;SEC31A;SEC31A;SEC31A;SEC31	0.0624764	0.052409	0.220678	-4.53148	0.0182108	0.140333	-7.12592	0.0877366	0.274986	-3.63654	0.100391	0.291434	-3.43131	0.0455998	0.207994	4.80782	0.239318	0.429939	-2.32591	0.0308433	0.156048	-5.68028	0.0230533	0.155402	-6.43494	0.0534778	0.222582	5.49273	1.08531	23.1007	6.60614	1
cg08074962	A	0.0624806	0.751413	1.08804	1.08804	0.426094	0.805913	-1.24083	0.517821	0.840228	-1.19015	0.13925	0.655398	-1.52579	0.00556254	2.63007	2.63007	0.578373	1.16074	1.16074	0.233884	0.717954	-1.39285	0.361139	1.28306	1.28306	0.0599406	1.75685	1.75685	1.08523	3.47027	0.992427	1
cg14147842	KIFC1	0.0624817	0.0232618	1.03080	-3.02293	0.413872	1.38502	1.38502	0.366708	0.685099	-1.91032	0.13925	0.911302	-1.09493	0.0276868	0.345782	2.89199	0.712849	0.860043	-1.16273	0.0100162	0.26552	-3.76619	0.790288	1.11484	1.11484	0.0755972	0.824351	1.08121	1.08523	8.18974	2.34211	1
cg15048802	C2orf60;C2orf60;C2orf74 PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;P	0.0624843	0.604397	1.17256	1.17256	0.136027	1.44552	1.44552	0.24395	1.32693	1.32693	0.162263	1.32263	1.32263	0.882778	0.566324	-1.76625	0.0332405	1.7698	1.7698	0.0272927	0.549124	-1.82108	0.536851	1.15685	1.15685	0.0275022	1.81848	1.81848	1.08516	2.58988	0.747409	1
cg26445343	PP1R9A	0.0624847	0.642009	1.11677	1.11677	?	?	?	0.127879	1.47448	1.47448	0.234242	1.34198	1.34198	0.0898174	0.643318	-1.55444	0.522194	0.85812	-1.16534	0.0750375	0.62646	-1.59627	0.0351121	0.560426	-1.78436	0.104524	1.51979	1.51979	1.51979	3.15066	2.46825	0.783405	1
cg21934878	TTBK2	0.0624855	0.0380471	0.363046	-2.75448	0.193303	1.78607	1.78607	0.364357	1.48104	1.48104	0.558073	0.775479	-1.28952	0.118465	0.489613	-2.04243	0.00626135	0.222923	4.48584	0.489707	0.744042	-1.34401	0.595218	1.25349	1.25349	0.663021	1.2029	1.2029	1.08513	8.73906	2.49927	1
cg24727290	DDR1;DDR1	0.0624872	0.519528	0.695595	-1.43762	0.00298486	0.103861	-9.62829	0.0223176	0.218207	-4.5828	0.685433	1.25407	1.25407	0.210198	0.479933	-2.08363	0.435612	0.642615	-1.55614	0.319609	0.564512	-1.77144	0.485964	1.4823	1.4823	0.971566	1.02001	1.02001	1.081	15.2147	4.35128	1
cg15078479	PARP2;PARP2;RPPH1	0.0624878	0.849428	1.04207	1.04207	0.0482403	1.40134	1.40134	0.249561	1.61855	1.61855	0.0148307	0.792692	-1.26161	0.0139518	0.23007	-4.34607	0.412655	1.19897	1.19897	0.0298588	0.33174	-3.01376	0.0944829	1.0014	1.0014	0.775247	0.939868	-1.06398	1.08508	2.31024	0.660711	1
cg15190354	CHEK1;CHEK1;CHEK1	0.062488	0.814705	0.945229	-1.05794	0.0221205	0.913155	1.93155	0.568958	0.870991	-1.14812	0.258744	1.32673	1.32673	0.872209	0.962112	1.03938	0.045969	1.73115	1.73115	0.817876	1.0569	1.0569	0.38451	0.807404	-1.23854	0.0173363	0.49892	-2.00433	1.08508	2.83378	0.81044	1
cg27276523	KCTD12	0.0624888	0.308303	0.647933	-1.54339	0.0156751	0.524488	1.90573	0.178802	0.5557	-1.79982	0.0155	0.565167	-1.76951	0.0150617	0.333102	-3.00316	0.745266	0.405157	2.46853	0.144162	0.3891	-2.57004	0.585667	0.844345	-1.18457	0.0134408	0.562704	1.77713	1.08507	4.10744	1.1443	1
cg25117062	HPCAL1;HPCAL1	0.062489	0.570808	1.07085	1.07085	0.498819	0.921237	-1.0855	0.104327	1.23634	1.23634	0.580091	0.935409	-1.06905	0.117691	0.816266	-1.22509	0.459836	0.914007	-1.09408	0.00685334	0.658099	-1.51953	0.0979427	1.24224	1.24224	0.429484	1.10116	1.10116	1.08506	0.7027651	0.200986	1
cg03724640	CD27;LOC678655	0.0624906	0.0115929	0.6001	-1.66639	0.303512	1.241	1.241	0.0926066	0.687329	-1.45491	0.970318	0.99249	-1.00757	0.614208	0.541799	-1.8457	0.0162092	0.551124	-1.81447	0.855668	0.964033	-1.03731	0.874203	0.731675	0.837545	0.891562	-1.12163	1.08503	2.02053	0.577867	1
cg12249591	CAMKV1	0.0624913	0.9795461	-1.02101	-1.99634	0.0158033	0.677415	-1.74986	0.0107977	0.779291	-1.28318	0.593288	0.587939	-1.70116	0.0139283	0.241671	-4.13855	0.0400555	1.18969	1.18969	0.0138238	0.307038	3.25692	0.0127509	0.829692	-1.20561	0.0156526	0.511552	0.818015	0.965581	-1.03565	1.08502	1.00709	0.288126	1
cg07891820	AFAP1;AFAP1	0.0624916	0.451358	0.903481	-1.10683	0.533143	0.9199	-1.08708	0.166548	0.822752	-1.21543	0.645424	0.940557	-1.0632	0.231993	0.847211	-1.18034	0.0102147	0.651595	-1.5347	0.0569626	0.619021	-1.61545	0.569379	0.926872	-1.0789	0.0295582	0.712565	-1.40338	1.08501	0.861197	0.246302	1
cg12007791	ZFP64	0.0624955	0.895153	0.958202	-1.04353	0.0213172	0.49302	-2.45217	0.0604812	0.607205	-1.64696	0.0619924	0.970075	-1.03095	0.0603776	0.601208	-1.66308	0.724344	1.12131	1.12131	0.185741	0.934753	-1.07012	0.765221	0.881006	-1.13501	0.0170777	0.693561	1.44	1.08495	1.51453	0.44725	1
cg03792491	GPR120	0.0624948	0.51025	1.11448	1.11448	0.292183	1.19406	1.19406	0.672607	1.07141	1.07141	0.160687	1.22521	1.22521	0.0435203	0.526365	-1.90048	0.0035238	0.526182	1.90048	0.255972	1.2122	1.2122	0.693013	1.06715	1.06715	0.200166	0.802825	1.2456	1.10795	2.39636	0.370766	1
cg05246887	REST	0.0624951	0.212144	0.800303	-1.24953	0.816814	1.04011	1.04011	0.00583671	1.84379	1.84379	0.101476	1.35517	1.35517	0.257299	1.22188	1.22188	0.600125	1.0938	1.0938	0.111878	0.745682	-1.34105	0.284214	0.828144	-1.20752	0.455628	1.13746	1.13746	1.10794	1.4142	0.404468	1
cg14973238	CCDC50;CCDC50;UTS2D	0.0624965	0.229007	0.782413	-1.27823	0.0154183	0.224077	2.44077	0.452335	1.36827	1.36827	0.029213	0.948347	-1.05452	0.0136909	0.226002	-4.42515	0.0955545	1.10492	1.10492	0.341624	0.880954	-1.13555	0.31589	1.01956	1.01956	0.948018	1.00214	1.00214	1.08501	0.3797767	0.103616	1
cg05578020	MUC6	0.0624968	0.121489	1.91739	1.91739	0.75638	1.12825	1.12825	0.250863	0.628004	-1.59235	0.926541	0.716741	1.07141	0.160687	0.857641	1.0721	1.0721	0.0656005	0.447896	-2.23266	0.0035869	0.216684	-4.61501	0.594915	0.978316	-1.02216	0.229829	0.613525	-1.62992	1.08501	7.40043	2.11659	1
cg13995031	ISG41	0.0624969	0.176507	0.849107	-1.17763	0.0154183	0.224077	2.44077	0.452335	1.36827	1.36827	0.029213	0.948347	-1.05452	0.0136909	0.226002	-4.42515	0.0955545	1.10492	1.10492	0.341624	0.880954	-1.13555	0.31589	1.01956	1.01956	0.948018	1.00214	1.00214	1.08501	0.3797767	0.103616	1
cg02919422	SOX17;SOX17	0.062501	0.723002	0.809774	-1.23491	0.355948	1.75584	1.75584	0.26309	3.46964	3.46964	0.510704	1.4852	1.4852	0.617931	0.742204	-1.34734	0.495603	0.663506	-1.50715	0.511958	0.674126	-1.4834	0.00218238	12.7883	12.7883	0.513572	1.4811	1.4811	1.08503	17.3013	4.94846	1
cg04561224	PLIS1;SI00;RAS44P;FLJ35390	0.0625015	0.0206306	0.352562	-2.83628	0.0161801	2.42477	2.42477	0.452335	1.36827	1.36827	0.029213	0.948347	-1.05452	0.0136909	0.226002	-4.42515	0.0955545	1.10492	1.10492	0.341624	0.880954	-1.13555	0.31589	1.01956	1.01956	0.948018	1.00214	1.00214	1.08501	0.3797767	0.103616	1
cg24421091	INTS1	0.0625038	0.489606	1.21321	1.21321	0.0619067	1.7841	1.7841	0.534418	1.18917	1.18917	0.938766	0.979066	-1.02138	0.332556	1.31687	1.31687	0.0232303	0.672693	1.27216	0.0384553	0.533356	-1.87428	0.0178035	0.987882	0.987882	0.00419	1.10777	1.10777	1.08502	3.71234	1.06747	1
cg10469297	MACROD1;FLRT1	0.0625053	0.389859	0.745516	-1.34132	0.00357406	0.268404	-3.72573	0.155993	0.630312	-1.65834	0.854251	1.0632	1.0632	0.0555797	0.485309	-2.06054	0.116261	0.566183	-1.76621	0.191203	1.58596	1.58596	0.832729	0.931943	-1.07303	0.637479	0.853692	-1.17138	1.10774	5.46655	1.56356	1
cg23426464	LASS6	0.0625251	0.0626364	0.643077	-1.55472	0.00504122	0.230954	-4.32987	0.374887	0.43314	-2.30863	0.155128	0.548183	-1.82452	0.0132881	0.242702	-4.12016	0.333446	1.14815	1.14815	0.0454656	0.406073	-2.46262	0.0178089	0.907193	0.907193	0.0479995	1.13334	1.13334	1.08478	8.29116	2.27312	1
cg14038425	KCNN3;KCNN3	0.0625122	0.211538	1.35295	1.35295	0.405172	0.822339	-1.21604	0.228951	1.33638	1.33638	0.602548	1.12824	1.12824	0.00978935	2.11722	2.11722	0.00866736	2.15642	2.15642	0.0687626	1.59652	1.59652	0.887267	0.967948	-1.03111	0.354232	1.2447	1.2447	1.08471	2.59604	0.742561	1
cg20076290	C14orf182	0.0625133	0.520638	0.875795	-1.13913	0.54597	0.848322	-1.17864	0.0334196	0.608214	-1.64437	0.868746	0.967455	-1.03364	0.00215096	0.422287	-2.36806	0.342936	1.15178	1.15178	0.21588	0.869234	1.8059	-1.24075	0.0908	0.949681	-1.05297	0.63025	0.820111	-1.21955	1.10759	1.9698	0.564438	1
cg12992720	LPAR2	0.0625133	0.717718	0.675063	-1.48049	0.0133956	1.68228	1.68228	0.0159139	1.91371	1.91371	0.135225	1.57197	1.57197	0.0127565	2.57367	2.57367	0.0227626	2.68329	2.68329	0.0174742	1.59664	1.59664	0.0379976	1.41803	1.41803	0.017367	22.9987	22.9987	0.583231	1.82167	1.82167	1.10759	57.6599	16.493	1
cg07736705	POM121;POM121	0.0625143	0.126827	0.809017	-1.23607	0.649473	1.06048	1.06048	0.56987	0.928946	-1.07649	0.298361	1.14837	1.14837	0.156613	1.21466	1.21466	0.0211	1.42755	1.42755	0.0139504	0.610366	-1.63806	0.0313201	-1.36574	0.279739	1.15513	1.15513	0.172522	0.829096	-1.20482	1.10757	0.8106664	0.231882	1
cg09157530	NCKAP5;NCKAP5	0.0625153	0.0202427	0.571504	-1.75054	0.0997093	0.224193	4.46093	0.0244973	0.546844	-1.82861	0.208897	0.436311	2.29194	0.0073363	0.221217	-4.52196	0.194802	0.508507	-1.96654	0.0228138	0.309667	-3.22927	0.0135898	0.525873	-1.90161	0.0265574	0.270617	-3.69527	1.10755	1.16762	0.42325	1
cg02926110	MYO9A;SENP8;SENP8	0.0625158	0.00166431	0.419481	-2.3839	0.453317	0.862829	-1.15898	0.234018	1.27246	1.27246	0.963032	1.00899	1.00899	0.600764	0.903051	1.10736	0.589346	1.11099	1.11099	0.166888	0.752303	-1.32925	0.605553	0.904282	-1.10585	0.359404	0.833604	-1.19961	1.10754	1.8358	0.525118	1
cg16051561	CTNND2	0.0625175	0.461699	0.730457	-1.36901	0.297561	1.57248	1.57248	0.00694378	4.32379	4.32379	0.488108	1.34346	1.34346	0.147075	0.430013	-2.32551	0.0635641	2.39732	2.39732	0.607188	1.24279	1.24279	0.111841	2.06637	2.06637	0.864925	0.931121	-1.07397	1.10751	8.64734	2.47353	1
cg17319486	4	0.0625179	0.0108658	0.696739	-1.43526	0.0497786	0.776587	-1.28769	0.302417	0.886294	-1.12829	0.0649049	1.26392	1.26392	0.881897	0.983343	-1.01694	0.676933	0.95376	-1.04848	0.717977	1.04183	1.04183	0.518482	1.07677	1.07677	0.139284	1.19696	1.19696	1.1075	0.6283405	0.179725	1
cg07697201	CPPED1;CPPED1 SUMF2;SUMF2;SUMF2;SUMF2;SUMF2;SUMF2;	0.0625187	0.141187	0.583006	-1.71532	0.0154183	0.224077	2.44077	0.452335	1.36827	1.36827	0.029213	0.948347	-1.05452	0.0136909	0.226002	-4.42515	0.0955545	1.10492	1.10492	0.341624	0.880954	-1.13555	0.31589	1.01956	1.01956	0.948018	1.00214	1.00214	1.08501	0.3797767	0.103616	1
cg27190537	SUMF2	0.0625184	0.398088	1.47221	1.47221	0.0294843	1.34831	1.34831	0.240457	1.71964	1.71964	0.575997	1.28576	1.28576	0.57357	1.01469	1.01469	0.0149529	1.238126	1.238126	4.19946	0.0715002	2.53282	2.53282	0.828035	1.10128	1.10128	0.14556	0.500378	1.99849	0.70355	10.9746	1.97552	1
cg07314298	GREB1;GREB1;GREB1	0.0625195	0.00639811	0.0985225	-10.15	0.155854	0.370897	-2.69616	0.076975	0.276753	-3.61333	0.19612	0.409458	-2.44225	0.329524	0.518231	-1.92964	0.872742	1.11039	1.11039	0.0101754	0.120394	-8.30604	0.793906	1.18651	1.18651	0.795022	0.843607	-1.18539	1.10747	21.0004	6.00715	1
cg06853579	BSN	0.0625202	0.826718	0.935437	-1.06902	0.354433	1.33645	1.33645	0.290864	0.716289	-1.39609	0.446648	0.788823	-1.26771	0.732735	1.10991	1.10991	0.0184545	0.418907	-2.38717	0.00419562	0.311155	-3.21388	0.146686	0.622383	-1.60673	0.299826	0.72102	-1.38692	1.10745	4.5608	1.30462	1
cg14128973	CNN1 NCKAP5L;LOC100286844;LOC10028684	0.0625204	0.0910614	-1.53138	0.0154183	0.224077	2.44077	0.452335	1.36827	1.36827	0.029213	0.948347	-1.05452	0.0136909	0.226002	-4.42515	0.0955545	1.10492	1.10492	0.341624	0.880954	-1.13555	0.31589	1.01956	1.01956	0.948018	1.00214	1.00214	1.08501	0.3797767	0.103616	1
cg18818866	4;LOC100286844	0.0625225	0.920836	1.02066	1.02066	0.0179227	1.8075	1.8075	0.507337	0.870746	-1.14844	0.0181168	1.80496	1.80496	0.469515	1.16347	1.16347	0.0510957	1.57953	1.57953	0.184754	0.746685	-1.33568	0.217379	1.30609	1.30609	0.485665	1.864351	-1.15694	1.10741	2.08368	0.596047	1
cg17205788	TBX22;TBX22;TBX22	0.0625256	0.377479	0.59939	-1.66836	0.0700049	0.318218	-3.1425	0.325638	0.563465	-1.77473	0.0931366	0.352276	-2.83688	0.0804596	0.33424	-2.99187	0.42726	0.632457	-1.58114	0.0193236	0.494831	-2.04931	0.0202082	0.48325	-2.06932	0.0512035	0.285094	-3.50762	1.03735	15.7219	4.49742	1
cg23972860	CAMTA1	0.0625257	0.0647573	0.386771	-2.58551	0.153115	0.496483	-2.01417	0.942878	0.967717	-1.03336	0.0777928	0.407566	-2.45359	0.00397719	0.169789	-5.88967	0.952815	0.973266	-1.02747	0.0141561	0.322397	-3.10177	0.255645	0.580751	-1.72191	0.105224	0.44458	-2.24931	1.10734	10.3204	2.95225	1
cg08368788	PPP3R1;PPP3R1	0.0625257	0.986353	1.00196	1.00196	0.0102251	1.9744	1.9744	0.183823	1.17134	1.17134	0.864039	1.00016	1.00016	0.0008227	1.11009	1.11009	0.457588	1.09211	1.09211	0.381956	0.900822	-1.11007	0.156577	1.15677	1.15677	0.628861	1.05835	1.05835	1.10734	0.6567	0.190994	1
cg09338516	LRP8;LRP8;LRP8;LRP8	0.0625526	0.0269228	0.492789	-2.02927	0.0401394	1.89732	1.89732	0.611496	0.870807	-1.14836	0.750829	0.917562	-1.08984	0.114506	0.425506	2.35014	0.225584	0.709151	-1.41014	0.603122	1.15218	1.15218	0.91238	0.970711	-1.03017	0.353995	0.772959	-1.29373	1.10734	3.58521	1.02673	1
cg26282287	FMN1	0.0625

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Ratio(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Ratio(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Ratio(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg02567719	HNRPGL;HNRPGL2NOP41	0.0626448	0.458329	0.758275	-1.32227	0.780745	0.001927	-1.10874	0.621885	0.8320209	-1.20188	0.230847	0.628814	-1.5561	0.216037	0.616345	-1.62247	0.0413774	0.418834	-2.38705	0.00148494	0.153503	-5.44953	0.683354	0.829974	-1.21569	0.972641	1.01277	1.0156	6.73068	1.92646	1
cg15319380	ICA1L	0.062615	0.838082	1.02475	1.02475	?	?	?	0.162534	0.83595	-1.19624	0.414763	1.10538	1.10538	0.125205	1.14102	1.14102	0.0130101	1.44823	1.44823	0.0108225	1.46911	1.46911	0.363137	1.11888	1.11888	0.887646	0.983154	-1.01713	1.34805	0.640103	0.203334	1
cg15428653	ABCA2;C9orf139;ABCA2	0.0626152	0.118283	0.685566	-1.45865	0.0476501	0.60454	-1.65415	0.264048	0.7717706	-1.29583	0.128248	1.44197	1.44197	0.0965954	0.666265	-1.5009	0.0739046	0.641833	-1.55804	0.13236	1.43548	1.43548	0.0753947	0.6436616	-1.55372	0.511954	1.15958	1.15958	3.10559	2.43724	0.697591	1
cg02137985	BARD1	0.0626162	0.741784	0.797944	-1.25322	0.0394759	0.196741	-1.08262	0.189055	0.8960313	-1.52517	0.174362	1.27268	1.27268	0.0028799	0.609291	-1.64117	0.145764	1.34434	-2.90418	0.0648851	0.672199	-1.48765	0.785461	0.9206	-1.20473	0.0369551	1.01308	-1.52719	1.10557	2.91081	0.55971	1
cg23662138	ABR1;ADARB1;ADARB1-AS1;ADARB1;ADARB1;AD ARB1;ADARB1;ADARB1	0.0626172	0.124567	0.309275	-3.23337	0.489448	0.609255	-1.64135	0.911985	0.924448	-1.08173	0.457572	0.586332	-1.70552	0.0341323	0.174682	-5.7247	0.38301	0.531881	-1.88012	0.0344572	0.0606081	-16.4994	0.0246064	0.151205	-6.61353	0.216418	0.399321	-2.50435	1.55155	24.4967	7.01158	1
cg09317371	CPNE2	0.0626181	0.784391	0.900441	-1.11057	0.234702	0.621081	-1.6101	0.911413	0.958336	-1.04347	0.0734874	2.14483	2.14483	0.00412709	0.229734	-4.35286	0.510171	0.774834	-1.2906	0.0765746	0.47084	-2.12386	0.582809	1.2361	1.2363	0.745786	1.13246	1.13246	1.10554	7.19161	2.05843	1
cg15737158	PCDHB17	0.0626182	0.010762	2.44483	2.44483	0.0572898	1.82209	1.82209	0.139094	1.55919	1.55919	0.368627	1.29385	1.29385	0.130126	1.33191	1.33191	0.0797833	1.72016	1.72016	0.0215849	2.15934	2.15934	0.0158779	2.27985	2.27985	0.151632	1.5351	1.5351	1.50553	3.82837	1.09578	1
cg14215077	SRC;SRC HTATIP2;HTATIP2;HTATIP2;HTATIP2;HT ATIP2;HTATIP2	0.0626195	0.962975	1.00731	1.00731	0.0216889	0.648831	-1.54123	0.187494	0.803129	-1.24513	0.21305	1.22853	1.22853	0.461536	1.12485	1.12485	0.0751051	1.36488	1.36488	0.0286282	1.49967	1.49967	0.373473	0.836218	-1.19586	0.829437	1.03444	1.03444	1.55051	1.21156	0.340784	1
cg00580047	ATIP2;HTATIP2	0.0626195	0.406759	0.542855	-1.84211	0.349628	1.99982	1.99982	0.823439	1.17453	1.17453	0.972801	0.975756	-1.02485	0.0985892	0.271485	-3.68344	0.664273	0.730266	-1.36936	0.00190002	0.0421172	-23.7433	0.524906	1.59009	1.59009	0.647954	1.39226	1.39226	1.10551	25.4857	7.29477	1
cg09938895	ZNF839	0.0626201	0.00784728	2.22627	-1.49095	0.0172753	0.278222	-3.59425	0.0379162	0.346554	-2.88555	0.758056	0.872811	-1.14572	0.122388	0.478504	-2.08985	0.121637	0.477677	-2.09346	0.0773569	0.424655	-2.37381	0.0933997	0.443756	-2.25349	0.180792	0.534919	-1.86944	1.1055	0.953426	2.729	1
cg24059995	PTPRS;PTPRE	0.0626219	0.0319692	0.427116	-2.36007	0.718874	1.13234	1.13234	0.709089	0.8655618	-1.15534	0.345065	1.40125	1.40125	0.172426	0.604209	-1.65497	0.834089	0.929827	-1.07547	0.0285379	0.402975	-2.48513	0.0509898	0.216213	2.16231	0.0662291	0.489795	-2.04167	1.1054	5.9187	1.66417	1
cg23176148	MYH13	0.0626235	0.642635	1.09429	1.09429	0.615445	1.77497	1.77497	0.897502	0.9754456	-1.02516	0.446925	0.86116	-1.16122	0.392175	1.18416	1.18416	0.131711	1.36855	1.36855	0.0266387	1.97271	1.97271	0.621434	0.908481	-1.10074	0.399244	0.846704	-1.18305	1.10538	1.82863	0.523429	1
cg25158320	SERPINF1;SERPINF1	0.0626259	0.413229	0.821567	-1.21719	0.834879	0.50526	1.05026	0.00248643	0.372401	-2.68528	0.925424	1.02224	1.02224	0.845507	0.955109	-1.0469	0.697302	1.09619	1.09619	0.47403	0.842758	-1.18658	0.0867118	0.55978	1.25954	0.29249	1.29249	1.10538	2.71503	0.777155	1
cg04788987	MDGA2	0.0626262	0.243131	0.763828	-1.30957	0.343365	1.2413	1.2413	0.0911963	0.663542	-1.50706	0.0608573	0.627097	-1.59338	0.286537	0.783476	-1.2766	0.353714	1.233	1.233	0.0605356	1.80261	1.80261	0.185225	0.829255	0.9535	-1.04877	0.0710721	0.641107	1.1058	3.0608	0.684308	1
cg04737185	BRSK2	0.0626269	0.205299	0.698836	-1.43095	0.749609	0.917719	-1.08966	0.367925	0.78036	-1.28146	0.572486	1.16525	1.16525	0.00208275	0.312915	-3.19576	0.0328546	0.512046	-1.95295	0.688023	0.8974412	-1.11432	0.776668	1.07924	1.07924	0.47748	0.823924	-1.2137	1.03636	3.53654	1.01231	1
cg13315759	SCD	0.0626274	0.00160244	0.204476	-4.89055	0.267838	0.667161	-1.49889	0.232435	0.55129	1.55129	0.87387	0.945819	-1.05729	0.672228	0.863176	-1.16093	0.588729	0.825796	-1.21095	0.869573	0.944006	-1.05932	0.756366	0.896617	-1.1153	0.114499	0.547764	-1.8256	1.03535	6.04694	1.7309	1
cg09673705	OLFML1	0.0626282	0.0318935	0.180722	-5.53107	0.0413623	0.116942	-8.55124	0.0312175	0.195113	-5.12524	0.145429	0.942519	-2.89671	0.0252644	0.163669	-6.10988	0.0927957	0.284147	-3.5193	0.0953563	0.287478	-3.47852	0.0619014	0.239222	-4.18022	0.0129885	0.391592	-2.55368	1.10534	22.7647	6.51528	1
cg21948071	FRMD4B	0.0626297	0.670006	1.0949	1.0949	0.514238	0.869446	-1.15016	0.285861	0.7910107	-1.26439	0.044113	0.613126	-1.63099	0.713811	1.08102	1.08102	0.352225	0.816703	-1.22444	0.00388145	0.276534	2.27634	0.924646	0.980189	-1.02021	0.587943	0.890738	-1.12267	1.03531	2.20014	0.629786	1
cg02331352	SRRM2	0.0626263	0.00802022	1.84389	-2.88093	0.0189254	0.462266	-2.16324	0.413079	0.7993258	-1.25096	0.156808	0.623421	-1.60405	0.0443548	0.300755	-3.32636	0.0318807	0.459588	-2.17654	0.193855	1.53829	1.53829	0.914304	0.980808	-1.01522	0.843351	0.940123	-1.06369	1.053	4.78994	1.37113	1
cg22778145	CLK4	0.0626312	0.609506	0.866631	-1.15389	0.0937954	0.286524	-3.49011	0.090733	1.82509	1.82509	0.049372	1.80838	1.80838	0.448136	0.779137	-1.28347	0.934264	0.97372	-1.02699	0.283207	0.6977703	-1.43327	0.984462	0.999378	-1.00062	0.807677	1.08192	1.08192	1.10528	5.12576	1.46725	1
cg04081445	BANP;BANP	0.062832	0.42156	0.829378	-1.20602	0.0871454	0.601048	-1.66368	0.0979804	0.6014411	-1.66256	0.144796	1.73786	1.73786	0.0025189	0.380057	-2.63129	0.657854	0.903427	-1.1069	0.4273895	0.7097255	-1.40909	0.845509	0.702497	-1.42349	0.279021	0.774419	-1.29167	1.03526	8.07017	1	1
cg03332546	EPS15L1	0.0626336	0.801171	1.16537	1.16537	0.0227213	1.22717	1.22717	0.00804016	0.78411	0.78411	0.352679	1.7861	1.7861	0.070448	0.293384	3.4085	0.2998	0.9188	1.9188	0.817392	0.869119	-1.15059	0.312703	1.88392	1.88392	0.856665	0.896143	1.11589	1.10523	18.0904	5.17846	1
cg23201575	TP53AIP1	0.0626343	0.188037	1.19182	1.19182	0.519545	1.0856	1.0856	0.499553	1.09209	1.09209	0.586733	0.933285	-1.07148	0.971533	1.0045	1.0045	0.371556	1.12234	1.12234	0.00231262	1.70822	1.70822	0.152138	0.824499	-1.21286	0.448381	0.907381	-1.10207	1.10522	0.778262	0.222782	1
cg13240888	DSBP11	0.0626363	0.0397184	0.672558	-1.48703	0.0448807	0.356045	-2.80755	0.0412151	0.5864959	-1.70565	0.0955935	0.69691	-1.43542	0.0231601	0.34164	-2.92731	0.0911932	0.716768	-1.39534	0.0468887	0.4870179	-2.05336	0.314529	0.8187	-1.22107	0.0170504	0.5018	-1.99324	1.03104	2.68424	0.772099	1
cg23492613	MRE11A;ANKRD49;MRE11A	0.0626385	0.211871	1.25257	1.25257	0.0372939	1.51274	1.51274	0.0234194	1.58995	1.58995	0.0696825	1.41538	1.41538	0.0266171	1.56824	1.56824	0.246776	1.23047	1.23047	0.00851733	1.77701	1.77701	0.150082	1.30239	1.30239	0.34626	1.18068	1.18068	1.10514	1.44208	0.412814	1
cg19793718	DHX37;DHX37	0.0626399	0.293783	0.870299	-1.14903	0.604063	0.946583	-1.05632	0.0233874	1.44038	1.44038	0.910994	0.985741	-1.01447	0.0977183	1.26141	1.26141	0.142589	0.817868	-1.22309	0.0315943	1.28929	-1.37188	0.515423	1.12884	1.12882	0.113383	1.2458	1.2458	1.10511	0.680318	0.229104	1
cg13755195	GBGT1	0.0626405	0.236486	0.707197	-1.41403	0.485445	0.820389	-1.21893	0.240087	0.687691	-1.45414	0.656551	1.13315	1.13315	0.310315	0.33839	-2.95439	0.525029	1.1971	1.1971	0.26009	0.7189057	-1.39259	0.00209687	0.298576	-3.34923	0.263312	0.722202	1.385	1.001	1.83628	1.0982	1
cg09714114	ISPD;ISPD	0.0626421	0.668865	1.23566	1.23566	0.604692	1.29283	1.29283	0.763855	0.862278	-1.15972	0.559826	1.33641	1.33641	0.0209318	0.254991	-3.9217	0.648557	1.25316	1.25316	0.555347	1.34095	1.34095	0.194671	0.509931	-1.96344	0.00450951	0.155416	-6.43436	1.10507	11.8945	3.40505	1
cg06980584	KIAA1614	0.0626436	0.149858	1.23078	1.23078	-1.20873	1.28859	1.28859	0.217329	1.27729	1.27729	0.307609	1.2068	1.2068	0.136221	1.27053	1.27053	0.0916873	1.29837	1.29837	0.0961834	1.32937	1.32937	0.166108	1.28846	1.28846	0.044912	1.42125	1.42125	1.10504	18.9099	4.43057	1
cg16617758	KDM4B	0.0626436	0.127455	2.87797	2.87797	0.0848284	2.62829	2.62829	0.00463471	11.1977	11.1977	0.161148	2.61129	2.61129	0.837851	0.876849	-1.14045	0.274276	2.07424	2.07424	0.245057	2.18116	2.18116	0.493577	1.56192	1.56192	0.383915	1.77288	1.77288	1.10504	20.2285	5.79086	1
cg07256732	PIGQ;PIGQ	0.0626447	0.0382864	0.723733	-1.65054	0.0548802	0.747576	1.33755	0.488288	0.7941596	1.25961	0.213095	1.33093	1.33093	0.122756	0.623394	-1.60776	0.0708801	0.26624	-3.75501	0.0188211	0.1239396	0.60576	0.197755	0.0051526	0.0051526	0.0051526	-1.32092	0.0051526	0.0051526	0.0051526	0.0051526	0.0051526	1
cg15984997	C19orf55	0.0626476	0.418452	0.840497	-1.18977	0.312484	0.802857	-1.24555	0.459714	0.853677	-1.1714	0.391966	1.20241	1.20241	0.0259636	1.74282	1.74282	0.490913	0.863249	-1.15841	0.0159295	1.85962	1.85962	0.929101	1.01888	1.01888	0.0625969	0.643782	-1.55332	1.10496	2.17208	0.621824	1
cg10803903	PLOD1	0.062652	0.175941	0.694124	-1.44087	0.140051	0.646389	-1.54705	0.0278386	1.93447	1.93447	0.0542093	0.57431	-1.74122	0.0208157	0.493524	-2.02624	0.219864	0.720752	-1.38744	0.302481	0.7614188	-1.31322	0.283438	0.753615	-1.32694	0.47187	0.830478	-1.20413	1.10487	3.16827	0.90704	1
cg01760227	NK	0.0626524	0.988039	1.00189	1.00189	0.954093	0.940075	-1.06375	-2.13185	0.0849314	0.49779	-2.00923	0.659459	-1.67938	0.0509453	0.609405	-1.64098	0.126443	0.544941	-1.83588	0.122223	0.5495409	-1.82006	0.0706162	0.390156	-2.56398	0.0160974	0.66034	0.881295	1.38912	1.10487	0.5934	1.88762	1
cg13242090	PDLIM1	0.0626529	0.115795	1.234843	-4.25817	0.0015631	0.0212345	-47.0931	0.0830147	0.196566	-5.08735	0.983131	0.98224	-1.01808	0.220431	0.335566	-2.98004	0.316364	0.415626	-2.40601	0.205478	0.322353	-3.10219	0.316768	0.415952	-2.40412	0.997337	1.00283	1.00283	1.10486	35.3244	10.113	1
cg00767135	ODZ3	0.062655	0.640083	1.07227	1.07227	0.0603232	1.34609	1.34609	0.0178353	1.37385	1.37385	0.643757	0.992551	1.04481	0.944597	1.22516	1.22516	0.104732	1.62275	1.62275	0.00393363	1.64244	1.64244	0.0473357	1.42372	1.42372	0.136758	0.914653	0.962204	1.10485	1.10534	1.95468	0.54468	1
cg25360385	GAUNT6	0.0626567	0.0258008	0.76673	0.76673	0.443882	1.78001	1.78001	0.42804	1.81795	1.81795	0.311491	2.1547	2.1547	0.076738	0.425779	-2.25779	0.0913392	0.94023	0.94023	0.0536804	0.536178	-1.86548	0.0848179	0.406486	2.46036	0.0546602	0.191342	-5.22611	1.10484	16.6184	5.10478	1
cg06158074	CCDC63	0.0626584	0.0266509	0.238316	-4.19611	0.0453371	3.50247	3.50247	0.13243	2.42653	2.42653	0.383493	1.62899	1.62899	0.178586	0.645289	-2.18203	0.442335	1.53371	1.53371	0.168549	2.22785	2.22785	0.0608287	3.17019	3.17019	0.404697	1.59279	1.59279	1.10475	14.6575	4.19644	1
cg09374621	DUSP5	0.0626593	0.360343	0.8109	-1.23317	0.434365	0.702522	-1.42335	0.0232122	1.36069	1.36069	0.0178381	0.737385	-1.35607	0.0139753	0.728328	-1.37272	0.334452	0.872986	-1.14564	0.229896	0.5384144	-1.85816	0.0744104	0.167164	-5.98216	0.0454004	0.422372	-2.36758	0.0419453	0.462204	-2.16355	0.184268	1
cg21553562	LCN9	0.0626602	0.515442	0.724493	-1.38028	0.0237766	0.126076	-7.93173	0.0788399	0.853	-1.17243	0.0733599	0.59538	-1.67953	0.0129001	0.511093	-1.95693	0.0911392	0.940023	-1.06356	0.346386	2.88695	0.407227	0.658997	-1.51746	0.769969	0.15407	-6.49107	1.10484	0.556184	0.165708	0.144568	1
cg13779349	TRPC5;ZCCHC16	0.0626604	0.0540344	1.91912	1.91912	0.0744257	2.37626	2.37626	0.0127	1.4897	1.4897	0.0134554	2.74312	2.74312	0.0252884	0.454447	-2.20144	0.0819297	1.2414	1.2414	0.0133754	1.36549	1.36549	0.0258201	1.50422	1.50422	0.0134067	1.34067	1.34067	1.10482	1.10534	1.00922	0.0944	1
cg27125177	PCDH21	0.0626609	0.0577196	0.528172	-1.89332	0.123303	0.608606	-1.6431	0.0908605	0.574594	-1.74036	0.791914	0.925078	-1.08099	0.00578767	0.341154	-2.93123	0.982713	0.993576	-1.00647	0.0588785	0.5301117	-1.88638	0.245077	1.43575	1.43575	0.734038	0.903531	-1.10677	1.1047	4.35103	1.24572	1
cg24424127	ZNF511;TUBGCP2	0.062661	0.401397	1.29113	1.29113	0.604053	1.13115	1.13115	0.171383	0.8013267	1.24811	0.0711711	2.59723	2.59723	0.287627	1.38956	1.38956	1.01447	0.0214455	-1.07211	0.9924933	1.00171	1.00171	0.0194547	1.00947	1.00947	0.0818418	1.0736	1.0736	0.252878	0.694973	-1.43981	1.10465	1.10511	0.600318	0.229104	1
cg16117513	C1orf86	0.0626745	0.680359	1.26464	-1.15946	0.0980626	0.687797	-1.45392	0.279158	0.792901	-1.26119	0.293654	0.68837	-1.46263	0.0173258	0.550048	-1.81802	0.380935	1.32064	1.32064	0.0130502	1.57078	1.57078	0.593862	0.894934	-1.1174	0.0633638	0.650115	-1.53819	1.10461	1.09146	0.59881	1
cg18676867	RPS6KA2;RPS6KA2	0.0626758	0.35459	0.805219	-1.2419	0.574147	0.878832	-1.13787	0.0160386	0.504566	-1.9819	0.909968	1.02607	1.02607	0.271948	0.770947	-1.29711	0.011235	0.485511	-2.05968	0.0722361	1.57835	1.57835	0.969114	1.00885	1.00885	0.267663	0.768998	-1.30039	1.0946	2.54436	0.728485	1
cg20145828	MMP16;MMP16	0.0626768	0.147178	0.360523	-1.73735	0.0824057	0.781371	-1.28237	0.0126225	0.6224443	-1.60672	0.477104	0.622443	-1.60672	0.477104	0.622443	-1.60672	0.648504	0.741259	-1.35112	0.0940972	0.0797944	-12.5322	0.892189	0.90746	-1.10193	0.0318515	1.02106	-5.20547	1.10458	21.449	6.05528	1
cg10145725	KLRA1; SNORD115-15;SNORD115- 21;SNORD115-25	0.0626675	0.488829	0.847055	-1.18056	0.0165507	0.501505	-1.994	0.273658	0.764212	-1.30854	0.146764	0.692372	-1.44431	0.0307367	0.942808	-1.06066	0.335143	-2.6444	-2.6444	0.0832578	1.57247	1.57247	0.0772488	1.58996	1.58996	0.15829	1.42766	1.42766	1.10457	2.7399	0.784479	1
cg25211267	21;SNORD115-25	0.0626677	0.0223552	0.411239	-2.43168	0.0630736	0.507258	-1.97138	0.0381672	0.458386	-2.18157	0.466357	0.786123	-1.27207	0.015498	0.381378	-2.62207	0.224531	0.660882	-1.51313	0.0275204	0.429026	-2.33086	0.0734096	0.523067	-1.9118	0.0802055	0.532544	-1.87778	1.10457	5.18198	1.48369	1
cg14485514	ACNNAD171	0.0626691	0.0894933	0.553956	-1.8052	0.0066795	0.329067	-3.0189	0.0251527	0.444573	-2.24478	0.450171	0.784463	-1.27476	0.314357	0.719914	-1.38905	0.0136554	0.457142	-2.18751	0.557785	1.19525	1.19525	0.672149	1.14373	1.14373	0.891321	0.957787	-1.04407	1.10454	4.80402	1.40125	1
cg00709181	KRT22;KRT72;KRT72	0.0626698	0.542193	1.1377	1.1377	0.0447054	1.24795	1.24795	0.0418864	0.7940075	-1.25985	0.0828201	0.732974	1.1643	1.1643	0.168425	1.16679	1.130151	1.76479	1.76479	0.0018418	2.10795	2.10795	0.0209898	1.52112	1.52112	0.0110908	1.22447	1.22447	1.10453	1.10534	7.04708	2.01525	1
cg03319893	C13orf36	0.0626702	0.940484	0.948382	-1.05443	0.36277	1.94236	1.94236	0.824448	0.854115	-1.1708	0.738737	0.788538	-1.26817	0.480494	0.607565	-1.64592	0.0700513	4.21042	4.21042	0.435525	0.568551	-1.75886	0.00209213	21.6031	21.6031	0.469841	1.68592	1.68592	1.10452	24.7694	7.09201	1
cg25481558	S100A10	0.0626707	0.754961	1.25386	1.25386	0.0276533	0.64788	-1.54388	0.305053	2.1657	2.1657	0.0178344	1.82754	1.82754	0.0719396	0.97601	-1.02456	0.194166	2.7164	2.7164	0.0052285	3.5309	3.5309	0.0174504	3.54594	3.54594	0.0134501	3.13711	3.13711	0.562585	1.53097	1.53097	0.24351	1.10452	1.10511	0.600318	0.229104	1
cg00224086	PTPRN2;PTPRN2;PTPRN2	0.0626709	0.296126	0.567185	-1.76309	0.868321	0.91681	-1.09074	0.287441	0.560937	-1.78273	0.710877	0.82292	-1.21519	0.0028255	0.0022854	-1.07258	0.328236	1.59752	1.59752	0.806261	1.13726	1.13726	0.135406	0.373447	0.2772729	-3.60648	0.467037	0.678821	-1.47314	1.1045	13.4721	3.85735	1
cg25718438	WFDC5	0.0626722	0.182764	1.39734	1.39734	0.510331	0.853832	-1.17119	0.102379	0.6550583	-1.52652	0.902535	1.02042	1.02042	0.0507026	1.6936	1.6936	0.147131	1.44507	1.44507	0.00767381	2.24977	2.24977	0.460253	1.19472	1.19472	0.482473	0.844577	-1.18403	1.10448	2.75334	0.788349	1
cg18221128	GIB3	0.062675	0.15151	1.39013	1.39013	0.562244	1.77382	1.77382	0.272889	0.755158	-1.32393	0.259727	1.48097	1.48097	0.0126456	1.78558	-1.28114	0.074976	1.48097	1.48097	0.0126456	1.78558	-1.28114	0.074976	1.48097	1.48097	0.0126456	1.78558	-1.28114	0.074976	1.48097	1.48097	0.0126456	1.78558	-1.28114	1
cg06049781	CYP26B1	0.0626739	0.758903	0.926657	-1.07915	0.624842	0.8852	-1.12969	0.0734663	1.63854	1.63854	0.159868	0.689655	-1.45	0.34325	0.785381	-1.27327	0.004581	0.393014	2.54444	0.326835	0.77844	-1.28462	0.14897	0.645017	-1.55035	0.483722	1.19256	1.19256	1.10445	1.01012	0.861879	1
cg19905407	CASP3;CASP5;CASP5;CASP5;CASP5;CA P5	0.0626774	0.0383966	0.685975	-1.45778	0.0746456	1.36613	1.36613	0.0326091	1.48126	1.48126	0.525146	0.903784	-1.10646	0.76533	0.95406	-1.04815	0.0306317	1.49036	1.49036	0.352774	1.16209	1.16209	0.875385	0.975645	-1.02496	0.226154	1.221	1.221	1.10438	1.21357	0.347487	1
cg11294551	LRGUK	0.0626789	0.355468	0.55286	-1.53172	0.146311	0.496824	-2.01278	0.186888	0.533877	-1.87309	0.00479972	0.186584	-5.35951	0.145158	0.495685	-2.01741	0.0291228	0.315541	-3.16916	0.553101	1.30892	1.30892	0.731816	1.16486	1.16486	0.075355	0.4114416	-2.43063	1.10435	9.89375	2.83294	1
cg00864012	TEX2	0.0626803	0.0445157	0.737	-1.35707	0.669714	0.74726	-1.3385	0.318322	0.530746	-1.88702	0.0521904	0.222995	-4.4844	0.0220215	0.19112	-5.46025	0.240021	1.43473	1.43473	0.0305038	0.7887388	-1.26801	0.0201281	0.644266	1.55167	0.0159079	-1.93709	0.0721225	0.254664	-3.93139	0.63632	2.52698	0.49383	1
cg21469772	LHX6;LHX6	0.0626817	0.0093495	3.1804	3.1804	0.21443	0.628525	-1.59103	0.0262777	2.55088	2.55088	0.210406	1.59827	1.59827	0.167266	1.6872	1.6872	0.752664	1.11887	1.11887	0.306563	1.4566	1.4566	0.0585153	2.13702	2.13702	0.0780482	2.00502	2.00502	1.10429	6.2065	1.77718	1
ch.11.10142597PTPRJ;PTPRJ		0.0626818	0.877087	1.090714	1.090714	0.692922	1.10824	1.10824	0.0178	1.32497	1.32497	0.151004	0.671399	-1.48943	0.0780855	1.32497	1.32497	0.816176	1.06216	1.06216	0.0255552	1.621353

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg29981163	NA0K	0.0627372	0.4053444	0.838427	-1.20391	0.0679694	1.5614	1.5614	0.0889928	1.50511	1.50511	0.7873952	1.06069	1.060069	0.2489323	1.30042	1.30042	0.0127453	0.509367	-1.96322	0.192587	0.714742	-1.39911	0.220319	0.758959	-1.31759	0.687421	1.09217	1.03321	2.33515	0.668885	1
cg05146762	GTF2IRD1;GTF2IRD1;GTF2IRD1	0.0627422	0.0269365	0.632643	-1.58067	0.544664	1.11309	1.11309	0.1608894	1.29913	1.29913	0.6158334	0.915391	-1.09243	0.406232	0.862021	-1.16006	0.105095	0.733843	-1.36269	0.642004	1.08514	1.08514	0.664062	1.07935	1.07935	0.0126349	1.71905	1.71905	1.03131	1.50069	0.429874	1
cg14048698	CSNK2B;BAT4;CSNK2B	0.0627433	0.58946	1.09817	1.09817	0.256811	0.815591	-1.22563	0.225951	1.24431	1.24431	0.285397	1.21014	1.21014	0.0206793	0.619426	-1.6144	0.78464	1.04822	1.04822	0.429349	1.14876	1.14876	0.0160856	1.65923	1.65923	0.1039889	1.35741	1.35741	1.03309	1.45227	0.416007	1
cg05249937	EPHX3	0.0627442	0.0414711	0.33045	-3.02617	0.0568856	0.3624541	-2.75899	0.0849837	0.4077952	-2.45323	0.196949	0.526011	-1.9011	0.0139045	0.239045	-4.18339	0.0336714	0.310886	-3.21682	0.0380481	0.322223	-3.10345	0.214461	0.540315	-1.85056	0.0333884	0.310117	-3.22458	0.31007	10.9002	3.12241	1
cg09858862	ID3	0.0627457	0.0384493	0.231393	-4.32165	0.743639	0.8185O1	-1.22175	0.103282	0.337051	-2.96691	0.884241	0.914926	-1.09298	0.0034558	0.088646	-11.2808	0.781919	1.18454	1.18454	0.421465	0.605779	-1.65077	0.951511	0.963567	-1.03781	0.0422773	0.239874	-4.16886	1.03904	18.305	5.2436	1
cg20624698	UOC1;39788	0.0627831	0.328741	1.28725	1.28725	0.0830255	0.6186O1	-1.61655	0.106712	0.6435348	-1.55389	0.0516888	0.574554	-1.74048	0.0061212	0.4085	-2.44798	0.276165	1.32773	1.32773	0.926049	0.970336	-1.0235	0.952233	0.985512	-1.0151	0.914925	0.973613	-1.0271	1.03004	3.0771	0.8818632	1
cg13265003	SLC37A1	0.0627463	0.074698	0.48282	-2.07116	0.0184629	0.35059	-2.85233	0.0163001	0.340555	-2.93638	0.8389I	0.928078	-1.0775	0.0229123	0.368563	-2.71324	0.127961	0.546877	-1.82856	0.12007	0.538779	-1.85605	0.490539	0.773495	-1.29283	0.0396148	0.417813	-2.39342	1.03303	6.61001	1.89349	1
cg16443812	KLHDC7B	0.0627483	0.493019	1.53626	1.34626	0.0955339	2.54244	2.08744	0.125779	2.02897	2.02897	0.206521	1.36652	1.36652	0.1609476	0.163626	0.530037	-1.88666	0.888087	0.941637	-1.06159	0.441284	0.757175	-1.32075	0.518995	0.641324	0.757175	-1.32075	0.510299	1.03303	3.57715	3.57715	1.03299	8.96376	2.56777	1
cg20094279	GAUNT9;LOC100130238	0.0627494	0.0963787	0.3807	-2.95797	0.244945	2.05963	2.05963	0.749868	0.8227014	-1.20957	0.328668	0.545197	-1.8342	0.0581608	0.2802294	3.56769	0.165501	0.415327	-2.40774	0.00396338	0.100089	-9.9911	0.585276	0.720833	-1.38728	0.0965385	0.338279	-2.95614	1.03297	14.3492	4.96812	1
cg12483833	FNDC7	0.0627495	0.0491157	0.457825	-2.18424	0.777394	1.103611	1.103611	0.440418	0.760589	-1.31477	0.311538	1.43931	1.43931	0.0121102	0.336914	-2.96812	0.325414	0.702442	-1.42361	0.0327715	0.419472	-2.38395	0.153837	1.70076	1.70076	0.456781	0.768278	-1.30161	1.03297	5.94563	1.70321	1
cg12186440	PTPN23	0.0627515	0.607511	0.929827	-1.07539	0.2148231	1.615247	1.615247	0.1542	1.54642	1.54642	0.0319396	1.48899	1.48899	0.29625	1.16425	0.0284576	1.17007	1.07087	1.07087	0.7224467	1.08569	0.921109	0.921109	1.17563	0.126581	0.920649	1.10413	1.10413	1.10294	0.9688923	0.277564	1
cg19105493	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.0627516	0.583654	0.876512	-1.14089	0.0110614	2.13579	2.13579	0.116989	1.5001	1.5001	0.838067	0.952437	-1.04994	0.128084	0.67587	-1.47957	0.0201626	0.735736	-1.35918	0.0362019	0.559876	-1.78611	0.875873	0.963459	-1.03793	0.940364	0.98234	-1.01798	1.03293	2.78702	0.798392	1
cg08234296	CDA41	0.0627522	0.720755	0.842391	-1.1871	0.0907941	2.98942	2.98942	0.165895	0.493591	-2.02597	0.819123	0.896439	-1.11553	0.00227481	0.193077	-5.17813	0.501186	1.18573	1.18573	0.693724	0.77863	-1.28431	0.937101	1.0447	1.0447	0.924949	0.955976	-1.04605	1.03292	11.3209	3.21444	1
cg02913971	MYO9B;MYO9B	0.0627528	0.875052	1.0242	1.0242	0.18777	1.3224	1.3224	0.597003	1.11271	1.11271	0.524472	0.878885	-1.13781	0.00714831	0.49894	-2.00425	0.117219	0.713143	-1.40579	0.0614943	1.52446	1.52446	0.360571	1.20699	1.20699	0.385302	0.836812	-1.19501	1.03291	1.96885	0.564017	1
cg01560245	ANO1;ANO1	0.0627541	0.02813O7	0.242362	-4.12607	0.0700151	0.330S2	-3.02554	0.0620034	0.317075	-3.15382	0.0659968	0.323878	-3.08758	0.01945	0.213345	-4.68725	0.30925	0.562606	-1.77744	0.0285428	0.243569	-4.10561	0.0250888	0.233051	-4.2909	0.187905	0.466387	-2.14414	1.02888	14.6824	4.2061	1
cg17093362	NTAD2	0.0627586	7	7	7	7	0.2582171	0.538674	-1.85641	7	7	7	7	7	0.0517415	0.59493	-1.6813	7	7	0.111895	1.58707	1.58707	0.663821	1.8132	1.8132	1.8132	0.486502	0.84887	-1.17804	1.0227	2.73459	0.2141112	1
cg22624966	TCTEX1D2	0.0627591	0.407246	0.702691	-1.4231	0.0347411	0.3590I2	-2.78542	0.40441	1.42629	1.42629	0.47779	1.35038	1.35038	0.968928	1.01634	1.01634	0.438327	0.719631	-1.3896	0.00629949	0.43693	4.39693	7	7	0.8003392	1.11121	1.11121	1.14516	7.66987	2.43863	1
cg14995214	CHD5	0.0627592	0.921559	1.01793	1.01793	0.594637	1.13807	1.12807	0.0997677	1.33838	1.33838	0.0806706	0.708467	-1.41421	0.838999	1.00686	1.00686	0.0195099	0.580768	-1.72186	0.0185869	0.608182	-1.66146	0.926455	0.983709	-1.01656	0.809473	1.02274	1.02274	1.02378	1.55534	0.445575	1
cg09407859	C1S3	0.0627594	0.08065A2	0.595075	-1.64746	0.9070367	0.970362	-1.03054	0.2511154	0.734213	-1.362	0.3690I8	1.26833	1.26833	0.0245324	0.342058	-2.92348	0.449335	1.21976	1.21976	0.638333	0.885153	-1.12975	0.443948	1.22277	1.22277	0.30562	0.760834	-1.31435	1.03278	3.26298	0.934785	1
cg14979946	GABPB1;GABPB1-AS1;GABPB1;GABPB1;GAB	0.0627603	0.0258459	0.172802	-5.78696	0.0588088	0.242665	-4.12091	0.152457	0.361705	-2.76468	0.139495	0.348163	-2.87221	0.0530669	0.232603	-4.29916	0.0458243	0.218959	-4.56707	0.0155782	0.139744	-7.15596	0.478697	1.6126	1.6126	0.159728	0.369059	-2.7096	1.03276	21.6328	6.19744	1
cg08206092	SYT17	0.0627607	0.969528	0.984893	-1.01534	0.553209	1.27003	1.27003	0.00614016	4.15718	4.15718	0.686978	0.850923	-1.17519	0.0214024	0.289638	-3.45259	0.814558	0.910617	-1.09816	0.453461	0.737616	-1.35572	0.959955	0.968481	-1.03255	0.988939	0.994491	-1.00554	1.03275	7.80412	2.23576	1
cg24739853	SH3BP3	0.0627761	0.0379407	0.195121	-5.12478	0.109239	0.321162	-3.11437	0.0863653	0.312148	-3.20387	0.0873693	0.287913	-3.48764	0.0108287	0.0772913	-12.9453	0.0609045	0.184737	-5.41284	0.0128544	0.112543	-8.88551	0.0339348	0.0955221	-10.4688	0.0962597	0.239844	-4.16944	1.03273	30.3109	8.63204	1
cg18191196	CUL5	0.0627612	0.0571224	0.520088	-1.92275	0.818922	0.417659	-2.39429	0.0321226	0.464508	-2.15281	0.609287	1.16622	1.16622	0.0145869	0.395903	-2.52587	0.161866	0.637941	-1.56754	0.34812	0.748966	-1.33517	0.803516	0.928405	-1.07712	0.0440249	0.494276	-2.02316	1.03515	4.60289	1.07021	1
cg01073788	FDXACB1	0.0627616	0.507218	0.882113	-1.13364	0.16077	0.703002	-1.42247	0.0314858	0.552452	-1.81011	0.358976	0.801019	-1.24841	0.070593	0.90426	-1.10588	0.0558373	1.66465	1.66465	0.0209473	1.92224	1.92224	0.293136	0.773732	-1.29244	0.501913	0.85188	-1.17387	1.03274	2.71901	0.778958	1
cg08036525	ANKS4B	0.0627637	0.00784246	0.2095739	4.77153	0.3568424	0.76758	-1.30291	0.2139405	0.188514	-5.30475	0.0776436	0.354477	-2.82107	0.0146314	0.265763	-3.76274	0.0317452	0.722288	1.38453	0.0418176	0.540647	-1.28226	0.450643	0.836902	-1.19469	0.326923	0.769269	-1.29996	0.0238207	0.0156536	-63.8423	10.1609	0.2529159	1
cg24093715	CNGA1;CNGA1	0.0627639	0.7308281	1.19473	1.19473	0.0403206	0.295135	-3.38829	0.0158718	0.218288	-4.5811	0.00926511	0.182461	-5.48063	0.141679	0.443042	-2.25712	0.495168	0.699887	-1.4288	0.336431	1.66632	1.66632	0.590934	0.756134	-1.32252	0.545898	0.729878	-1.37009	1.02609	13.0427	3.7366	1
cg09066097	TNNC1B	0.0627643	0.1232307	0.743279	-1.36693	0.0438707	1.53536	1.53536	0.0554548	1.50473	1.50473	0.5347	0.778356	-1.28481	0.4506504	0.849884	-1.17648	0.0445648	0.987072	-1.0131	0.9538407	0.978691	1.13746	0.573832	1.13746	0.573832	1.12116	1.12116	1.02684	1.97153	0.694964	0.249229	1
cg10237067	PTPRN2;PTPRN2;PTPRN2	0.0627657	0.158161	0.749686	-1.33389	0.648362	0.916061	-1.09163	0.072024	0.688151	-1.46733	0.366048	0.837766	-1.19565	0.0282576	0.60982	-1.63983	0.605296	0.905246	-1.10467	0.0306369	0.852152	1.85252	0.819044	0.957187	-1.04473	0.826061	1.04292	1.04292	1.03266	1.79169	0.513305	1
cg02438054	FEM1A	0.0627661	0.73526	1.11061	1.11061	0.477707	0.799979	-1.25003	0.388738	0.761029	-1.31401	0.102852	0.575965	-1.73622	0.351233	0.743338	-1.34528	0.0849212	0.554897	-1.80214	0.0015851	0.24614	-4.06273	0.855805	1.05785	1.05785	0.732512	0.899368	-1.11189	1.02665	4.69648	1.34551	1
cg16377543	FSMAB;PSMA8;PSMA8	0.0627669	0.166635	0.679621	-1.47102	0.310244	1.14301	1.14301	0.283997	1.16585	1.16585	0.0174983	0.785	1.285	0.0238951	0.419252	-2.38567	0.339667	1.15091	1.15091	0.611505	0.773462	1.2448	0.624448	0.577076	1.1912	1.1912	0.709027	1.12139	1.12139	1.03109	0.9045	0.31508	1
cg02569074	MMP17	0.0627707	0.0171467	0.75301	0.989435	1.002056	1.002056	0.302516	0.813515	-1.22923	0.0164758	1.76163	1.76163	0.218516	0.778728	-1.28414	0.778728	0.805775	1.04875	1.04875	0.2340282	1.20914	1.20914	0.668167	1.0869	1.0869	0.0389958	1.58681	1.58681	1.03256	1.48379	0.52567	1
cg12939464	KDM2A;KDM2A	0.0627725	0.2178082	0.624257	-1.60233	0.139239	0.321162	-3.11437	0.0863653	0.312148	-3.20387	0.0873693	0.287913	-3.48764	0.0108287	0.0772913	-12.9453	0.0609045	0.184737	-5.41284	0.0128544	0.112543	-8.88551	0.0339348	0.0955221	-10.4688	0.0962597	0.239844	-4.16944	1.03273	30.3109	8.63204	1
cg01445942	FZD9	0.0627731	0.547358	0.919679	-1.08734	0.55547	1.08546	1.08546	0.897201	0.982383	-1.01793	0.00284955	0.568541	-1.75889	0.767757	0.960097	-1.04156	0.575275	0.08095	-1.08095	0.0662099	1.32756	1.32756	0.53833	0.917895	-1.08945	0.314071	1.15392	1.15392	1.03251	0.9209099	0.266193	1
cg03082580	GSG1L;GSG1L	0.0627732	0.053826	0.190429	-5.25131	0.0152506	0.104495	-9.56986	0.151893	0.312576	-3.19922	0.643296	0.702382	-1.42373	0.015367	0.105029	-9.52119	0.123581	0.282652	-3.53792	0.0183604	0.114439	-8.7383	0.187276	0.346876	-2.88288	0.0923029	0.245716	-4.06973	1.03251	28.1984	8.07902	1
cg08662595	C17orf80;C17orf80	0.0627733	0.521461	1.1105	1.1105	0.0198802	1.57367	1.57367	0.00824927	1.72449	1.72449	0.457039	0.885004	-1.12094	0.0553386	1.41954	1.41954	0.810389	1.03953	1.03953	0.970605	0.994074	-1.00596	0.529273	1.10827	1.10827	0.0442759	1.45161	1.45161	1.03251	1.27828	0.362235	1
cg13689118	ST14	0.0627744	0.0193403	0.148257	-6.74328	0.0140857	0.32111	-3.11611	0.253538	0.685991	-1.45825	0.0773495	0.754504	-1.32527	0.0178954	0.0758955	-13.1829	0.0486614	0.484884	-2.06227	0.0458286	0.467164	-2.0527	0.581284	0.710969	1.40705	0.0465461	0.214567	-4.66053	1.03251	19.1061	5.44568	1
cg26294551	GP5	0.0627746	0.134082	0.836932	-1.19484	0.0772726	1.24161	1.24161	0.125413	1.2005	1.2005	0.824141	1.02482	1.02482	0.123435	0.832057	1.20184	0.158665	1.18058	1.18058	0.0346851	1.31166	1.31166	0.123469	0.832073	-1.20182	0.423148	0.913805	1.03251	1.03933	0.596482	0.170897	1
cg05409601	CCNG2	0.0627748	0.333442	0.763019	-1.31058	0.230363	1.40656	1.40656	0.0015669	0.291801	-3.42699	0.653141	0.884581	-1.13048	0.662571	1.12641	1.12641	0.571315	1.16777	1.16777	0.951861	1.0165	1.0165	0.71162	1.10591	1.10591	0.827758	1.06085	1.06085	1.03248	3.61149	1.03472	1
cg15419295	BRCA1;BRCA1;BRCA1;BRCA1;BR CA1;BRCA1;BRCA1;BRCA1;NBR2;BRCA1	0.0627756	0.1808825	0.637511	-1.5686	0.021943	2.38915	2.38915	0.04024	2.11886	2.11886	0.574277	0.835407	-1.19702	0.8131164	1.0779	1.0779	0.185226	0.640734	-1.56071	0.557633	1.97338	1.97338	0.0868588	1.82053	1.82053	0.757124	1.10328	1.10328	1.03246	4.93251	1.41322	1
cg26890309	C1orf63	0.0627761	0.0487381	1.89519	1.89519	0.32356	0.748575	-1.33587	0.151746	0.6465	-1.54679	0.00795875	0.380481	-2.62825	0.100289	0.599662	-1.66761	0.375818	1.29453	1.29453	0.307759	0.740923	-1.34967	0.889017	1.04045	1.04045	0.93662	1.02285	1.02285	1.03245	3.96374	1.13566	1
cg19499202	GAA;GAA;GAA	0.0627816	0.0363186	1.68286	1.68286	0.0188987	0.604662	-1.65368	0.0185445	1.16545	1.16545	0.0213706	1.38001	1.38001	0.0179108	0.0955144	-10.4708	0.0201301	0.698777	-1.43107	0.0760995	0.357992	-2.79344	0.0722879	0.446398	1.44818	0.0444164	0.690499	1.44818	1.03244	5.08409	1.45696	1
cg26295784	SLC22A3	0.0627778	0.0537721	0.240502	-4.15797	0.0726831	0.183809	-5.44042	0.0546819	0.242138	-4.12987	0.110576	0.32317	-3.09435	0.0236473	0.181063	-5.52295	0.0429074	0.143747	-6.95817	0.0159854	0.0961	0.0961	0.0162952	0.0962	0.0962	0.0162952	0.34158	0.34158	1.03242	0.292757	0.10424	0.80662	5.96128	1
cg03134285	IL12RB2	0.0627827	0.215805	0.586235	-1.7058	0.103154	2.08628	2.08628	0.0369703	0.37041	-2.69971	0.116258	0.497018	-2.012	0.261175	0.618546	-1.61669	0.41914	0.7129	-1.40272	0.0316145	0.355902	-2.80976	0.116559	2.01186	2.01186	0.506696	1.31808	1.31808	1.03232	8.25727	2.3659	1
cg00891891	SOX8;SOX8	0.0627849	0.784977	0.844659	-1.18403	0.354641	0.96286	-1.03847	0.0056165	0.6864896	-1.45643	0.0513	0.411546	-1.6267	0.0138661	0.318935	-3.13571	0.788666	1.18717	1.18717	0.417233	0.948348	-1.05453	0.87007	0.960435	0.958393	-1.04261	0.933006	-1.70085	0.104619	0.333006	0.302284	0.18757	0.407726	1
cg12192813	HLA-DQB1	0.0627866	0.23825	0.565915	-1.76705	0.214517	1.82618	1.82618	0.0282854	0.303179	-3.29838	0.693817	1.20003	1.20003	0.238403	1.76669	1.76669	0.378721	1.51619	1.51619	0.0244049	1.34493	1.34493	0.151888	2.02887	2.02887	0.177388	0.516505	-1.93609	1.03225	14.1035	4.39009	1
cg18480035	ZCH10	0.0627898	0.377749	0.547471	-1.82713	0.0189132	2.0602	2.0602	0.0492163	0.185177	-5.40025	0.0277721	0.140123	-7.13651	7	7	7	0.0408759	1.33254	1.33254	0.100202	1.24264	1.24264	0.725999	0.958999	-1.04275	0.107108	0.80894	-1.23619	1.3445	0.731236	0.170517	1
cg18681765	CAS21;CAS21	0.0627903	0.0616101	0.774861	-1.29055	0.0270724	1.57665	1.37665	0.997901	1.00031	1.00031	0.804887	1.13544	1.13544	0.41598	1.10428	1.10428	0.2408759	1.33254	1.33254	0.100202	1.24264	1.24264	0.725999	0.958999	-1.04275	0.107108	0.80894	-1.23619	1.3445	0.731236	0.170517	1
cg10719207	PROM5	0.0627915	0.0738564	0.364567	-2.74298	0.0954495	0.95482	-2.52856	0.376347	0.847701	-1.18656	0.470535	0.689511	-1.4503	0.00342205	0.133432	-7.49445	0.293888	0.576152	-1.73565	0.0654189	0.350872	-2.85004	0.369363	1.59504	1.59504	0.148847	0.456532	-2.19042	1.02615	12.6013	3.61078	1
cg17611932	TRIM54;TRIM54	0.0627918	0.1646936	0.495795	-2.01715	0.0953153	0.512494	-1.9509	0.157855	0.39005	-2.56566	0.598523	1.12045	1.12045	0.0900982	0.158514	-6.30625	0.0660644	0.437847	-2.28435	0.0147284	0.160182	-6.24332	-1.50757	0.800505	0.825477	-1.46469	0.139505	1.46849	1.46849	1.03241	2.78624	1.34465	1
cg17246694	L28RA;L28RA;L28RA	0.0627958	0.0481922	0.440963	-2.26777	0.12794	0.550569	-1.8163	0.0159408	0.342921	-2.91612	0.87881	0.946172	-1.05689	0.089371	0.507004	-1.97237	0.508746	1.27518	1.27518	0.00842058	0.295157	-3.38803	0.290116	0.671567	-1.48905	0.375525	0.719062	-1.3907	1.02027	6.46064	1.85128	1
cg06541093	CCDC33	0.0627959	0.0139781	0.501481	-1.78103	0.14516	0.742685	-1.34647	0.1425911	0.741286	-1.34901	0.667954	0.921221	-1.08552	0.0199954	0.578955	-1.72725	0.475623	0.871155	-1.1479	0.918356	0.98074	-1.01994	0.603107	0.979097	1.0213051	-1.0774	0.892826	0.976456	-1.02396	1.03206	1.77634	0.509008	1
cg23142799	SHISA2	0.0627964	0.232566	0.27311	1.27311	0.634746	0.911822	-1.0967	0.162888	1.32737	1.32737	0.0208681	1.70972	1.70972	0.0779471	1.4591	1.4591	0.584911	1.11226	1.11226	0.455192	0.863538	-1.15803	0.90315	1.22517	1.22517	0.00538443	2.02745	2.02745	1.03206	1.8279	0.523782	1
cg21440776	IFFO1;IFFO1;IFFO1	0.0627969	0.0423134	0.332408	-3.00835	0.132565	0.465602	-2.14776	0.468682	1.41517	1.41517	0.127766	0.460448	-2.1718	0.47666	1.40613	1.40613	0.263905	1.73067	1.73067	0.0716848	0.387827	-2.57847	0.103184	2.31405	2.31405	0.0543362	0.357584	-2.79655	1.02025	10.8989	3.12306	1
cg20431382	RNF217	0.0627972	0.0193911	0.328124	-3.04811	0.0139528	0.556436	-1.79681	0.0813	0.364909	-2.73782	0.0519275	0.314405	-3.18054	0.0107954	0.0758955	-13.1829	0.129502	0.525424	-1.90342	0.0431717	0.270584	-3.6964	0.771961	1.12094	1.12094	0.628836	0.636055	-1.57219	1.03204	7.58394	2.17318	1
cg08563982	C6orf10	0.0627983	0.0282194	0.19786	-5.05407	0.0777737	0.293552	-3.40655	0.0273447	0.195438	-5.11671	0.172997	0.403837	-2.47625	0.174641	0.40524	-2.46767	0.079975	0.296774	-3.36957	0.0108289	0.135177	-7.39773	0.0974506	0.201974	-4.95113	0.239986	0.463319	-2.15834	1.03202	19.2102	5.50471	1
cg07494420	AK7	0.0628003	0.1920393	0.7139	1.0139	0.0490029	0.615658	-1.62444	0.0168	0.749	-1.33456	0.0188	0.749749	-1.33456	0.0188	0.749749	-1.33456	0.373384	0.742543	-1.34682	0.190463	0.42467	-2.35466	0.0472	0.472	0.472	0.0472	0.472	0.472	1.03201	0.0472	0.0472	0.0472	0.0472	1
cg08982487	ZNF311	0.0628004	0.0412591	0.289362	-3.45588	0.601	1.32039	1.32039	0.0256805	0.247635	-4.0382	0.248505	0.52939	-1.88897	0.404737	0.63825	-1.56679	0.0579211	0.323318	-3.09293	0.013117	0.197838	-5.05463	0.226284	0.52112	-1.95267	0.031929	0.266043	-3.7588	1.01198	13.6293	3.90556	1
cg17653784	SMAGP;SMAGP	0.0628011	0.568679	0.863952	-1.15747	0.593658	1.14649	1.14649	0.0488574	1.77003	1.77003	0.358788	0.786999	-1.27065	0.163447	0.685543	-1.4587	0.570221	0.864466	-1.15678	0.00651077	0.40755	-2.45369	0.0623834	0.587161	-1.70311	0.805622	0.939333	-1.06458	1.03196	3.16562	0.907129	1
cg26951410	SNX6	0.0628015	0.751426	0.92967	-1.07553	0.2129	1.45459	1.45459	0.157855	0.39005	-2.56566	0.598523	1.12045	1.12045	0.0900982	0.158514	-6.30625	0.0660644	0.437847	-2.28435	0.0147284	0.160182	-6.24332	-1.50757	0.800505	0.825477	-1.46469	0.139505	1.46849	1.46849	1.03241	2.78624	1.34465	1
cg15868692	CDL4A2	0.0628021	0.0233904	0.429596	-2.32777	0.391129	0.76027	-1.31532	0.0601138	0.516084	-1.93767	0.0550539	0.507363	-1.97097	0.0210903	0.420951	-2.37558	0.15531	0.622303	-1.60694	0.0267845	0.441138	-2.26686	0.107593	0.57824	-1.72939	0.0289918	0.448006	-2.23211	1.03194	4.78011	1.36978	1
cg22730305	PPP1R14A	0.0628026	0.3492604	0.743252	-1.34552	0.514552	0.74155	-1.34319	0.0220347	0.731293	-1.36753	0.0178764	0.737169	-1.35677	0.0131209	0.727317	-1.37507	0.351078	-2.84837	0.189599	0.27582	-3.62555	0.888239	0.94	1.14801	1.14801	0.0086249	1.14801	1.14801	1.03192	2.11312	0.311484	1
cg01798255	C2orf89	0.0628041	0.079092	0.496793	-2.01291	0.0128592	0.32962	3.02962	0.0602034	2.13941	2.13941	0.377153	0.722397	-1.38428	7	7	7	0.239915	0.64304	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01401971	PDSS1	0.0628709	0.189015	0.540858	-1.84891	0.0812703	0.42588	-2.34808	0.0766204	0.419007	-2.3866	0.229894	1.74437	1.74437	0.0160319	0.272005	-3.67641	0.265452	0.598962	-1.66956	0.215917	0.562587	-1.7775	0.0879764	2.29711	2.29711	0.249901	0.587966	-1.70078	3.10061	9.57955	2.74629	1
cg00420559	C7orf10	0.0628721	0.188002	0.586209	-1.70588	0.0133982	0.309603	-3.22994	0.368445	0.702121	-1.42426	0.253277	0.633325	-1.57897	0.0895269	0.488386	-2.04756	0.947138	1.02571	1.02571	0.336665	1.46117	1.46117	0.209974	0.603034	-1.65828	0.00727075	0.265682	-3.76391	3.10058	7.19692	2.06324	1
cg00165360	CNPY3	0.0628746	0.0109562	0.190345	-5.25361	0.731434	1.19604	1.19604	0.89801	1.0689	1.0689	0.173568	0.471269	-2.12193	0.0438167	0.300013	-3.33318	0.244825	1.88164	1.88164	0.0188956	0.228236	-4.38142	0.346265	0.604122	-1.65529	0.366887	0.617766	-1.61873	3.10053	13.2577	3.80083	1
cg08818984	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0628755	0.0306599	0.440767	-2.26877	0.22227	0.661105	-1.51262	0.272463	0.691753	-1.4456	0.0778911	0.53147	-1.88157	0.00684613	0.323033	-3.09566	0.897451	1.04248	1.04248	0.387872	1.33048	1.33048	0.676343	1.14505	1.14505	0.080832	0.535459	-1.86756	3.10052	5.11156	1.46544	1
cg13160874	THAP4;THAP4	0.0628807	0.062565	4.95729	4.95729	0.255641	2.47556	2.47556	0.0931414	4.09969	4.09969	0.704011	0.7471	-1.33851	0.500644	1.68567	1.68567	0.766037	0.796173	-1.25601	0.00868914	12.8654	12.8654	0.962646	0.964859	-1.03642	0.0116329	11.1232	11.1232	3.10041	28.6503	8.21404	1
cg08847173	NKAIN1	0.0628815	0.230891	2.41766	2.41766	0.385049	1.86929	1.86929	0.221993	0.405923	-2.46352	0.766714	1.23242	1.23242	0.0165775	0.128018	-7.81139	0.209916	0.395281	-2.52985	0.526305	1.56989	1.56989	0.0280299	0.161547	-6.19015	0.0506545	0.209235	-4.77931	3.1004	24.2278	6.94613	1
cg13734953	FRMD4A	0.0628826	0.190096	0.711458	-1.40556	0.204856	1.38844	1.38844	0.541595	1.16368	1.16368	0.704154	1.09811	1.09811	0.00821416	0.436257	-2.29223	0.575161	0.8703	-1.14903	0.749982	1.08159	1.08159	0.138916	1.47812	1.47812	0.0402104	0.559055	-1.78873	3.10038	2.95517	0.847256	1
cg06779553	TOX	0.0628836	0.128124	0.534657	-1.87036	0.00881169	0.28096	-3.55922	0.0264806	0.367344	-2.72224	0.947418	1.02542	1.02542	0.157359	0.562367	-1.7782	0.548445	0.793622	-1.26005	0.0369118	0.397494	-2.51576	0.0250447	0.362491	-2.75869	0.355901	0.696641	-1.43546	3.10036	7.11522	2.03997	1
cg05845403	DZIP1;DZIP1	0.062884	0.0205601	0.426233	-2.34613	0.687273	0.883648	-1.13167	0.528425	1.21558	1.21558	0.275202	0.706812	-1.4148	0.0380542	0.479502	-2.0855	0.185879	0.651337	-1.5353	0.0179441	0.415158	-2.40872	0.0197386	0.42289	-2.36468	0.225871	0.677916	-1.47511	3.10035	4.58761	1.3153	1
cg27599869	TRIB2;TRIB2	0.0628852	0.269163	1.20667	1.20667	0.784168	1.04584	1.04584	0.466094	0.88596	-1.12872	0.079387	1.37423	1.37423	0.247651	0.820932	-1.21813	0.132555	1.30338	1.30338	0.00938269	1.71209	1.71209	0.0234477	1.55571	1.55571	0.911946	0.982103	-1.01822	3.10033	1.30857	0.375179	1
cg19613194	NBEA	0.0628854	0.159038	1.20291	1.20291	0.26461	1.1534	1.1534	0.00478418	1.5835	1.5835	0.532154	1.08076	1.08076	0.622592	0.940927	-1.06278	0.0404655	0.74792	-1.33704	0.565853	0.931239	-1.07384	0.515197	1.08437	1.08437	0.813208	1.02948	1.02948	3.10032	0.739733	0.212088	1
cg20761182	GULP1	0.062887	0.532079	0.86079	-1.16172	0.0161131	0.497868	-2.00857	0.0178086	0.50543	-1.97851	0.360351	0.800329	-1.24949	0.891452	1.03287	1.03287	0.142603	0.688474	-1.45249	0.14147	1.45426	1.45426	0.21303	1.36427	1.36427	0.248285	0.751364	-1.33091	3.10029	2.75462	0.78978	1
cg20441502	FXYD7;FXYD1;FXYD1	0.0628874	0.00830455	0.107239	-9.32499	0.0706979	0.262779	-3.80547	0.14604	2.80849	2.80849	0.76497	1.21944	1.21944	0.140209	0.349914	-2.85785	0.48198	1.60463	1.60463	0.0848473	0.283372	-3.52893	0.17001	0.380185	-2.6303	0.873424	1.11126	1.11126	3.10029	21.4995	6.16417	1
cg26899005	HCFC1	0.0628874	0.535861	1.36034	1.36034	0.0990713	2.4293	2.4293	0.705831	0.830156	-1.20459	0.0364095	0.303051	-3.29977	0.0310872	3.46315	3.46315	0.302816	0.592184	-1.68866	0.545559	0.740616	-1.35023	0.0320877	3.42973	3.42973	0.551305	1.34432	1.34432	3.10029	11.8311	3.39213	1
cg27514538	OTOA;OTOA;OTOA	0.0628896	0.0293034	0.213175	-4.69098	0.1926	0.435969	-2.29374	0.0462014	0.252822	-3.95535	0.707979	0.7973	-1.25423	0.0237145	0.196825	-5.08067	0.111561	0.352274	-2.8387	0.870969	0.906775	-1.10281	0.0085767	0.132859	-7.5268	0.12153	0.364018	-2.74712	3.10024	17.7951	5.10213	1
cg14366571	PRR18	0.0628909	0.591129	0.659839	-1.51552	0.554803	0.632559	-1.58088	0.51614	0.603661	-1.65656	0.211056	0.364133	-2.74625	0.00140164	0.028801	-34.7211	0.0386683	0.159467	-6.27088	0.748599	0.781517	-1.27956	0.839987	0.856421	-1.16765	0.83712	0.854007	-1.17095	3.10022	28.8597	8.27461	1
cg21139639	FAM54B;FAM54B;FAM54B	0.0628926	0.0252812	0.18953	-5.2762	0.761021	1.21015	1.21015	0.211886	0.439416	-2.27575	0.922002	1.06315	1.06315	0.0179002	0.165405	-6.04577	0.359867	0.555081	-1.80154	0.0361852	0.218012	-4.58691	0.0267223	0.193692	-5.16284	0.0604052	0.26603	-3.75898	3.10018	19.198	5.50447	1
cg22738440	CLU;CLU;CLU	0.0628941	0.697598	1.0842	1.0842	0.642652	1.10157	1.10157	0.0705597	0.6581	-1.51953	0.157481	1.36746	1.36746	0.103977	1.44491	1.44491	0.438686	1.17766	1.17766	0.00333719	2.28657	2.28657	0.8635	1.03627	1.03627	0.557262	1.13076	1.13076	3.10015	2.10459	0.603438	1
cg03871354	SCARA5	0.0628963	0.432346	0.622844	-1.60554	0.252917	2.02498	2.02498	0.207326	0.455816	-2.19387	0.583484	0.72096	-1.38704	0.0177066	0.181896	-5.49765	0.888611	0.920532	-1.08633	0.00751123	0.130954	-7.63628	0.041872	0.250152	-3.99757	0.483093	0.656292	-1.52371	3.10011	17.1408	4.91475	1
cg03506033	MAP6;MAP6	0.0628979	0.986347	1.00214	1.00214	0.565232	0.929812	-1.07549	0.869949	1.02072	1.02072	0.538306	0.924969	-1.08112	0.249205	1.16272	1.16272	0.537921	1.0812	1.0812	0.00233316	0.587417	-1.70237	0.196451	0.842847	-1.18646	0.210055	1.17981	1.17981	3.10008	0.769355	0.220598	1
cg04964416	PDCD11;USMG5	0.0628981	0.565982	1.1437	1.1437	0.526773	1.15999	1.15999	0.560102	1.14609	1.14609	0.625946	0.892543	-1.12039	0.324029	1.2658	1.2658	0.823521	0.949622	-1.05305	0.00168964	0.354041	-2.82453	0.325374	1.26492	1.26492	0.674646	0.906918	-1.10264	3.10008	2.62942	0.753938	1
cg20704028	INPP5F;INPP5F	0.0628991	0.211148	0.653934	-1.52921	0.237005	0.670698	-1.49098	0.189669	0.63897	-1.56502	0.104452	0.56427	-1.7722	0.0223754	0.413831	-2.41645	0.625474	0.853338	-1.17187	0.00891537	0.342055	-2.9235	0.40303	1.31772	1.31772	0.0295335	0.437709	-2.28462	3.10006	5.10365	1.46338	1
cg07843572	C19orf57;CC2D1A	0.0629006	0.859593	1.13939	1.13939	0.826084	0.85029	-1.17607	0.883154	1.11447	1.11447	0.547752	1.56565	1.56565	0.920947	1.0759	1.0759	0.000988879	0.0271212	-36.8715	0.966973	0.969947	-1.03098	0.662971	0.723846	-1.38151	0.868308	1.13009	1.13009	3.10003	26.6663	7.64618	1
cg10061247	TMEM115;TMEM115	0.062901	0.184513	0.840245	-1.19013	0.0411971	1.33813	1.33813	0.225936	1.17029	1.17029	0.0520195	1.31437	1.31437	0.188847	1.18786	1.18786	0.990832	0.99858	-1.00142	0.0266946	0.722731	-1.38364	0.433597	1.10386	1.10386	0.225355	1.17054	1.17054	3.10002	0.750858	0.215298	1
cg11821536	TTC8;TTC8;TTC8	0.062901	0.204577	0.818023	-1.22246	0.533883	1.09915	1.09915	0.504199	1.10705	1.10705	0.00915222	0.608548	-1.64325	0.102402	1.30759	1.30759	0.41613	0.882759	-1.13281	0.0581766	0.725243	-1.37885	0.0773002	0.744766	-1.3427	0.996537	0.999349	-1.00065	3.10002	1.10538	0.316952	1
cg08261988	LOC644538	0.0629023	0.00324658	0.0542286	-18.4404	0.0596402	0.213673	-4.68004	0.585081	0.670113	-1.49229	0.296914	2.19286	2.19286	0.201663	0.375699	-2.6617	0.0672973	0.225656	-4.43152	0.240648	0.409861	-2.43985	0.30155	0.459706	-2.1753	0.231677	0.402188	-2.4864	3.1	25.8832	7.4217	1
cg02112122	PEX13;PUS10	0.0629037	0.13041	0.722215	-1.38463	0.806965	0.952399	-1.04998	0.417816	1.17933	1.17933	0.0624414	1.51858	1.51858	0.886565	1.02884	1.02884	0.657679	1.09291	1.09291	0.00414642	0.465023	-2.15043	0.36292	1.20477	1.20477	0.866046	0.966925	-1.03421	3.09997	1.94864	0.558756	1
cg23125492	PAX6;PAX6;PAX6	0.0629038	0.0652777	7.16332	7.16332	0.0550247	7.92522	7.92522	0.120091	4.97495	4.97495	0.123184	4.89871	4.89871	0.0353729	10.2906	10.2906	0.0487014	8.51795	8.51795	0.00860067	24.2511	24.2511	0.0505502	8.33251	8.33251	0.105605	5.37688	5.37688	3.09997	44.4483	12.7452	1
cg13974765	NEK6;NEK6;NEK6;NEK6	0.0629056	0.0599051	0.237059	-4.21836	0.0138983	0.127355	-7.85207	0.0327369	0.183766	-5.44172	0.149414	0.350576	-2.85245	0.0345366	0.187967	-5.32008	0.133221	0.333411	-2.99931	0.0324912	0.183181	-5.45907	0.0517001	0.222796	-4.48841	0.112409	0.309765	-3.22825	3.09993	22.5747	6.47317	1
cg20542592	FAM66D	0.062906	0.342066	0.539097	-1.85495	0.173219	0.400639	-2.49601	0.667193	0.761062	-1.31395	0.64371	0.745301	-1.34174	0.0426125	4.36381	4.36381	0.20276	0.427971	-2.33661	0.107923	0.330503	-3.02569	0.0150513	6.5925	6.5925	0.306081	0.512308	-1.95195	3.09992	19.5581	5.6082	1
cg23536158	KIAA0146	0.0629085	0.853011	1.03416	1.03416	0.270165	1.2311	1.2311	0.0398841	0.650421	-1.53747	0.401614	1.16818	1.16818	0.320122	1.20445	1.20445	0.831182	1.03941	1.03941	0.0125552	1.75444	1.75444	0.0684297	0.691152	-1.44686	0.327092	0.832609	-1.20104	3.09987	1.60975	0.461596	1
cg00596643	KRR1	0.0629089	0.0352418	2.92305	2.92305	0.039787	2.8246	2.8246	0.366582	1.48834	1.48834	0.347723	1.51382	1.51382	0.182967	0.54397	-1.83834	0.0527143	0.383126	-2.61011	0.114913	0.476398	-2.09909	0.528928	1.31375	1.31375	0.362524	1.4937	1.4937	3.34183	9.44464	2.19815	1
cg25948993	UBXN8	0.0629118	0.02794	0.742078	-1.34757	0.479529	1.08606	1.08606	0.206588	0.858132	-1.16532	0.11319	0.820374	-1.21896	0.336201	0.892355	-1.12063	0.500489	0.924463	-1.08171	0.00760411	0.674199	-1.48324	0.233074	1.15443	1.15443	0.509372	1.07991	1.07991	3.09981	0.647612	0.185707	1
cg13928068	MICAL3;MICAL3	0.0629126	0.167137	0.744803	-1.34264	0.00256176	0.43309	-2.30899	0.442143	0.854884	-1.16975	0.997251	1.00069	1.00069	0.346152	0.823576	-1.21422	0.469907	1.15845	1.15845	0.101731	1.43106	1.43106	0.576324	0.893206	-1.11956	0.914274	0.978687	-1.02178	3.0998	1.96504	0.563488	1
cg25043129	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0629137	0.228734	1.54519	1.54519	0.00942402	3.1071	3.1071	0.0675311	2.02503	2.02503	0.297756	1.45041	1.45041	0.350202	0.718025	-1.39271	0.281223	1.47081	1.47081	0.584985	1.20922	1.20922	0.0197698	2.63692	2.63692	0.307149	0.694765	-1.43934	3.09977	5.82592	1.67064	1
cg22638593	PDLIM4;PDLIM4	0.062914	0.0764931	23.5116	23.5116	0.0903557	19.8923	19.8923	0.122156	14.6511	14.6511	0.157189	11.2917	11.2917	0.22365	7.75711	7.75711	0.080537	22.3291	22.3291	0.00479202	402.916	402.916	0.0167401	107.686	107.686	0.307811	5.42768	5.42768	3.09977	126.051	36.1465	1
cg16210324	PARK2;PARK2;PARK2	0.062914	0.652479	0.83382	-1.1993	0.00212833	0.177162	-5.64456	0.166463	0.553503	-1.80668	0.463182	1.34902	1.34902	0.317465	0.660808	-1.5133	0.954414	0.977342	-1.02318	0.656968	0.835943	-1.19625	0.360721	0.686119	-1.45747	0.164453	1.81245	1.81245	3.09977	7.89093	2.2628	1
cg10259562	HSPA13	0.0629144	0.693242	0.766466	-1.30469	0.134553	2.95167	2.95167	0.283651	2.11121	2.11121	0.739858	0.799679	-1.2505	0.00438186	0.0778719	-12.8416	?	?	?	0.132459	0.336508	-2.9717	0.695984	0.768406	-1.30139	0.506321	1.57201	1.57201	3.14205	19.9073	6.33576	1
cg06015645	SETBP1;SETBP1	0.0629169	0.793523	1.06814	1.06814	0.01878	0.488954	-2.04518	0.46741	0.830422	-1.20421	0.0596686	0.586215	-1.70586	0.00391324	0.376858	-2.65352	0.886166	1.03665	1.03665	0.721139	0.91387	-1.09425	0.746802	1.08481	1.08481	0.501873	0.842587	-1.18682	3.09971	3.1002	0.889028	1
cg15592541	LRCH3	0.062918	0.672778	1.13029	1.13029	0.0489245	1.91223	1.91223	0.10819	1.65743	1.65743	0.0712301	1.7877	1.7877	0.441698	0.797582	-1.25379	0.722249	1.10838	1.10838	0.0118559	0.404256	-2.47368	0.26549	1.3973	1.3973	0.481363	1.22917	1.22917	3.09969	4.08047	1.17014	1
cg10136773	SESN3	0.0629192	0.257273	1.40784	1.40784	0.246874	0.704462	-1.41952	0.775386	1.08629	1.08629	0.375815	1.30078	1.30078	0.0809818	1.7503	1.7503	0.944082	0.97991	-1.0205	0.00204354	3.51674	3.51674	0.872488	0.954592	-1.04757	0.961347	0.986077	-1.01412	3.09967	4.1092	1.17839	1
cg15403093	ANKLE2	0.0629193	0.894854	1.02146	1.02146	0.069096	1.38635	1.38635	0.0524038	1.42516	1.42516	0.630807	0.925176	-1.08088	0.490269	1.11913	1.11913	0.0238582	0.648537	-1.54193	0.538539	1.10518	1.10518	0.170887	1.26388	1.26388	0.0658657	0.717874	-1.393	3.09967	1.26633	0.363143	1
cg03581421	ADNP;ADNP	0.062923	0.382835	1.25251	1.25251	0.353975	1.27115	1.27115	0.209472	1.39485	1.39485	0.120885	1.52678	1.52678	0.45343	0.825193	-1.21184	0.426748	1.22649	1.22649	0.00469706	0.38857	-2.57354	0.838736	0.950027	-1.0526	0.162488	1.45521	1.45521	3.09959	3.10707	0.891033	1
cg00083833	NKD1	0.0629276	0.539394	1.08883	1.08883	0.0163147	0.668847	-1.49511	0.0843061	0.769855	-1.29895	0.901767	0.98323	-1.01706	0.0623097	0.750219	-1.33294	0.164879	1.22498	1.22498	0.115388	0.791019	-1.26419	0.0565983	0.744103	-1.3439	0.513695	1.09495	1.09495	3.0995	0.920846	0.264084	1
cg16387581	GCH1;GCH1;GCH1;GCH1	0.0629284	0.0281197	0.300149	-3.33168	0.124622	0.462284	-2.16317	0.0305817	0.307541	-3.25159	0.0794758	0.405194	-2.46796	0.11437	0.450691	-2.21882	0.408469	0.675461	-1.48047	0.0108388	0.22652	-4.41462	0.0565617	0.367248	-2.72296	0.0456239	0.345194	-2.89692	3.09949	10.5725	3.03204	1
cg14086828	UCA1	0.0629301	0.533443	0.714213	-1.40014	0.846183	0.901552	-1.1092	0.0214409	0.228865	-4.36939	0.32652	0.582437	-1.71692	0.0163363	0.208762	-4.79015	0.0490023	0.301391	-3.31795	0.0092541	0.171618	-5.8269	0.296065	0.560927	-1.78276	0.138682	0.427172	-2.34098	3.09946	13.9778	4.00868	1
cg27609721	SNTB2	0.0629303	0.0613427	0.537389	-1.86085	0.238993	1.43806	1.43806	0.0973497	0.585106	-1.70909	0.985371	0.994613	-1.00542	0.0798124	0.564004	-1.77304	0.232489	0.691521	-1.44609	0.0811234	0.5657	-1.76772	0.136515	1.60411	1.60411	0.0255214	0.457558	-2.18551	3.09945	4.26036	1.22182	1
cg24513433	LIPG	0.0629313	0.680003	1.04903	1.04903	0.16796	1.18483	1.18483	0.166684	0.843517	-1.18551	0.603917	0.941385	-1.06226	0.0298929	0.744618	-1.34297	0.102708	0.813778	-1.22884	0.830236	0.975524	-1.02509	0.0219955	1.37311	1.37311	0.170537	0.844979	-1.18346	3.09943	0.653867	0.187523	1
cg24676534	GDF9;UQCRQ	0.0629319	0.763522	0.968599	-1.03242	0.0121572	1.40808	1.40808	0.636399	0.950862	-1.05168	0.704261	1.04116	1.04116	0.00978511	0.698691	-1.43125	0.348502	0.902609	-1.1079	0.241841	0.877757	-1.13927	0.770262	0.969512	-1.03145	0.611612	1.05569	1.05569	3.34131	0.578686	0.134704	1
cg22246187	RNF4	0.0629323	0.0404435	0.672925	-1.48605	0.167975	0.781976	-1.27881	0.467547	1.1317	1.1317	0.0130397	0.5972	-1.67448	0.0800064	0.722455	-1.38417	0.42637	1.14561	1.14561	0.113582	0.749646	-1.33396	0.279456	1.20706	1.20706	0.649287	1.07964	1.07964	3.09941	1.37502	0.394347	1
cg19051661	BMPR1A	0.0629344	0.521862	0.818787	-1.22132	0.0515399	0.505323	-1.97893	0.574634	1.19082	1.19082	0.661832	1.14516	1.14516	0.00916907	0.360921	-2.77069	0.804963	1.07917	1.07917	0.486163	0.804177	-1.24351	0.545969	0.828449	-1.20708	0.00925496	0.361601	-2.76548	3.09937	4.65604	1.33534	1
cg10189362	STEAP3;STEAP3;STEAP3	0.0629352	0.282497	0.837598	-1.19389	0.365754	0.862895	-1.15889	0.0117877	0.607072	-1.64725	0.583829	0.915956	-1.09176	0.817103	0.963906	-1.03745	0.879086	0.976132	-1.02445	0.00916788	1.69063	1.69063	0.311953	0.847056	-1.18056	0.967197	0.993495	-1.00655	3.09936	1.23608	0.354505	1
cg27022531	LRRC1	0.0629354	0.683352	1.14636	1.14636	0.0170047	0.379356	-2.63605	0.0425544	0.459433	-2.1766	0.228516	1.52339	1.52339	0.0980352	0.546369	-1.83026	0.703291	1.13593	1.13593	0.813013	1.08212	1.08212	0.113535	1.7745	1.7745	0.131745	0.581653	-1.71924	3.09935	5.44521	1.56168	1
cg13570090	DOCK6	0.0629379	0.920711	0.920248	-1.08666	0.0787987	0.196042	-5.10095	0.0727026	0.187983	-5.31962	0.354178	0.451259	-2.21602	0.0349141	0.128473	-7.78376	0.280376	0.391925	-2.55151	0.0304365	0.119618	-8.35993	0.0103735	0.0675545	-14.8029	0.0296335	0.117963	-8.47725	3.0993	34.2047	9.81001	1
cg00336320	PNPLA1;PNPLA1;PNPLA1	0.0629379	0.373222	1.19636	1.19636	0.0339	0.615248	-1.62536	0.488853	0.871182	-1.14787	0.358344	1.20352	1.20352	0.126799	0.723318	-1.38252	0.0580092	0.656875	-1.52236	0.0373022	0.622473	-1.6065	0.510073	1.14003	1.14003	0.108169	1.41023	1.41023	3.0993	1.88818	0.541535	1
cg22791678	FOXP4;FOXP4;FOXP4	0.0629382	0.909883	0.972836	-1.02792	0.0396003	0.560543	-1.78398	0.903669	1.02989	1.02989	0.63381	1.12381	1.12381	0.00191094	0.343294	-2.91296	0.833626	0.950126	-1.05249	0.619569	1.12945	1.12945	0.864443	1.04244	1.04244	0.650495	0.894993	-1.11733	3.0993	2.90386	0.832835	1
cg20911483	CHD8;CHD8	0.0629415	0.539684	0.886307	-1.12828	0.491026	0.872868	-1.14565	0.0877724	0.6933	-1.44238	0.0525991	0.651592	-1.5347	0.0110434	0.538163	-1.85817	0.775046	0.945827	-1.05728	0.0335652	1.62028	1.62028	0.293193	0.808999	-1.23609	0.718605	0.932082	-1.07287	3.09923	1.85461	0.531919	1
cg03965648	FLJ32063	0.0629417	0.148756	2.40499	2.40499	0.943232	0.960449	-1.04118	0.873974	0.91398	-1.09412	0.0351054	0.248817	-4.01902	0.985602	1.01028	1.01028	0.0181743	0.196883	-5.07915	0.777941	0.851969	-1.17375	0.0468389	0.275412	-3.63093	0.0334637	0.244647	-4.08752	3.09923	15.7611	4.52042	1
cg12212240	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.0629441	0.364433	0.919889	-1.08709	0.0688713	0.833251	-1.20012	0.0707255	0.834488	-1.19834	0.128143	0.862978	-1.15878	0.0250347	0.787519	-1.26981	0.0816447	1.18875	1.18875	0.83309	1.01909	1.01909	0.229761	0.893235	-1.11953	0.179165	1.13639	1.13639	3.09918	0.394036	0.113015	1
cg19671553	MIR150	0.0629455	0.0530858	0.4581	-2.18293	0.928907	0.969411	-1.03155	0.670605	1.16076	1.16076	0.240961	0.650277	-1.53781	0.00567024	0.267019	-3.74506	0.0867334	0.512269	-1.9521	0.272903	0.670528	-1.49136	0.0168597	0.350688	-2.85154	0.206475	0.626447	-1.5963	3.341	6.2777	1.46143	1
cg10532908	EPHB6	0.0629464	0.0179604	0.122334	-8.17435	0.563026	1.53302	1.53302	0.707612	1.31692	1.31692	0.955977	1.04116	1.04116	0.0447496	0.185739	-5.38389	0.676586	0.736012	-1.35867	0.00852769	0.0860711	-11.6183	0.881416	1.11524	1.11524	0.105415	0.274568	-3.64208	3.09914	26.2041	7.51581	1
cg10332437	WHSC1;WHSC1;WHSC1;WHSC1;WHSC1;WHSC1	0.0629506	0.379808	0.746592	-1.33942	0.881119	1.04974	1.04974	0.609106	1.1821	1.1821	0.67937	0.873877	-1.14433	0.593432	0.83963	-1.191	0.353625	0.733761	-1.36284	0.143612	0.600662	-1.66483	0.00293638	3.76261	3.76261	0.181625	0.631319	-1.58398	3.09906	5.16423	1.48123	1
cg07784428	KCNA4	0.0629516	0.372175	1.18415	1.18415	0.332532	1.20251	1.20251	0.047284	1.52001	1.52001	0.951465	0.988834	-1.01129	0.0951504	1.40252	1.40252	0.0877452	1.41576	1.41576	0.00650674	1.92013	1.92013	0.71037	1.07124	1.07124	0.128216	0.73834	-1.35439	3.09904	1.67034	0.4791	1
cg26232715	CORIN	0.0629536	0.270633	1.14583	1.14583	0.020201	1.39438	1.39438	0.974851	1.00375	1.00375	0.349336	0.891949	-1.12114	0.133677	0.825312	-1.21166	0.132912	0.824951	-1.21219	0.749409	1.03877	1.03877	0.217515	0.857288	-1.16647	0.0295721	1.35534	1.35534	3.099	0.691406	0.198317	1
cg15667844	DUSP5	0.0629542	0.356725	0.748433	-1.33613	0.64155	0.866474	-1.1541	0.63241	1.15873	1.15873	0.356702	1.33614	1.33614	0.0231361	0.435987	-2.29365	0.742472	0.904116	-1.10605	0.0349853	0.47185	-2.11932	0.00700054	0.344337	-2.90413	0.909041	1.03556	1.03556	3.09899	4.58676	1.31563	1
cg25841114	VARS	0.0629551	0.906049	1.0189	1.0189	0.457417	1.12754	1.12754	0.755832	1.05072	1.05072	0.150294	1.2771	1.2771	0.478402	1.12111	1.12111	0.00805075	1.71337	1.71337	0.224594	1.22427	1.22427	0.0223603	0.647818	-1.54364	0.464809	0.888694	-1.12525	3.09897	1.2349	0.354212	1
cg17581870	C7orf50;C7orf50;MIR339;C7orf50	0.0629551	0.568099	0.770838	-1.29729	0.0458288	2.80846	2.80846	0.184517	1.88688	1.88688	0.496507	0.732387	-1.3654	0.0173806	0.270759	-3.69332	0.743576	1.1596	1.1596	0.0364754	0.333997	-2.99404	0.39897	1.47629	1.47629	0.391996	0.673271	-1.48528	3.09897	9.9875	2.86475	1
cg16384137	C13orf16	0.0629559	0.261089	0.628559	-1.59094	0.344574	0.679984	-1.47062	0.036321	0.381316	-2.62249	0.00763898	0.257014	-3.89085	0.338302	0.676355	-1.47851	0.0344244	0.376307	-2.65741	0.023242	0.341411	-2.92902	0.979379	1.01029	1.01029	0.0962676	0.485038	-2.0617	3.09895	7.70308	2.20951	1
cg02273422	TSGA13;COPG2	0.0629566	0.228561	0.856751	-1.1672	0.00359431	0.61732	-1.61991	0.102601	0.803704	-1.24424	0.582563	1.07027	1.07027	0.946515	0.991826	-1.00824	0.835389	1.02578	1.02578	0.777966	1.03519	1.03519	0.570691	0.932292	-1.07262	0.0826793	1.26508	1.26508	3.09894	0.734653	0.210725	1
cg10910080	SRGAP1	0.0629575	0.280583	0.840858	-1.18926	0.043705	0.698844	-1.43094	0.777958	0.957251	-1.04466	0.211605	0.815973	-1.22553	0.0115657	0.613864	-1.62903	0.598579	1.08556	1.08556	0.0443277	1.42899	1.42899	0.945665	1.01059	1.01059	0.42751	1.13337	1.13337	3.09892	1.17222	0.336237	1
cg03314080	NFE2L2;NFE2L2;NFE2L2	0.062958	0.463492	0.924322	-1.08187	0.418423	1.09111	1.09111	0.043746	1.27693	1.27693	0.0242875	0.753396	-1.32732	0.102638	0.828331	-1.20725	0.30527	0.894084	-1.11846	0.673625	1.04569	1.04569	0.478365	0.926805	-1.07898	0.0531626	1.26074	1.26074	3.09891	0.545865	0.156575	1
cg25881049	PTK2B;PTK2B;PTK2B;PTK2B	0.0629593	0.133003	1.68537	1.68537	0.0347849	0.45276	-2.20868	0.0166285	0.389928	-2.56458	0.63661	0.857908	-1.16563	0.12871	1.69684	1.69684	0.442028	1.28717	1.28717	0.225052	1.50736	1.50736	0.77401	0.911455	-1.09715	0.309538	1.40307	1.40307	3.09889	5.09006	1.46004	1
cg00097282	FSCN1	0.062962	0.0305262	0.678205	-1.47448	0.175758	0.802584	-1.24598	0.786375	0.959351	-1.04237	0.566943	0.915387	-1.09243	0.337617	1.16301	1.16301	0.92038	0.984843	-1.01539	0.0261903	1.49621	1.49621	0.239867	1.20683	1.20683	0.0424213	1.42906	1.42906	3.09884	1.14527	0.328517	1
cg23884149	NXN	0.0629627	0.824292	0.90451	-1.10557	0.561972	1.30295	1.30295	0.282807	1.65479	1.65479	0.237826	1.74731	1.74731	0.00190516	0.137391	-7.27851	0.39152	0.67286	-1.48619	0.478116	0.722177	-1.3847	0.765562	1.14449	1.14449	0.521727	0.745962	-1.34055	3.09882	9.99686	2.86757	1
cg10519903	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0629635	0.271989	1.3356	1.3356	0.363675	0.789582	-1.26649	0.198309	1.41066	1.41066	0.00597931	0.402779	-2.48275	0.314426	1.30119	1.30119	0.688357	0.902997	-1.10742	0.150669	1.47672	1.47672	0.100088	1.57773	1.57773	0.943488	1.0181	1.0181	3.09881	3.1433	0.901651	1
cg03265991	CMTM3;CMTM3;CMTM3;CMTM3	0.062966	0.401158	0.614038	-1.62856	0.00396509	0.110939	-9.01396	0.0271461	0.226671	-4.41169	0.86647	1.10022	1.10022	0.0994128	0.358797	-2.78709	0.0723305	0.320409	-3.12101	0.0687418	0.314692	-3.17771	0.62851	0.758287	-1.31876	0.558205	0.714585	-1.39941	3.09876	15.8076	4.53445	1
cg27174983	PCP4L1	0.0629665	0.0132003	0.496855	-2.01266	0.421598	1.20552	1.20552	0.629089	1.11718	1.11718	0.757373	1.0731	1.0731	0.174113	0.719516	-1.38982	0.0518704	1.65478	1.65478	0.318697	0.790863	-1.26444	0.417142	0.827961	-1.20779	0.0383402	0.579024	-1.72704	3.09875	2.54391	0.729731	1
cg22279588	C1QTNF7;C1QTNF7	0.0629684	0.0888592	0.406242	-2.46158	0.0329218	0.301945	-3.31186	0.0500442	0.342131	-2.92286	0.167744	0.493737	-2.02537	0.0124814	0.224928	-4.44586	0.425581	0.676687	-1.47779	0.0688731	0.376339	-2.65718	0.248834	1.78352	1.78352	0.176923	0.502111	-1.99159	3.09871	11.3072	3.24355	1
cg14736837	ASB11;ASB11	0.0629703	0.227163	0.631425	-1.58372	0.204765	0.615559	-1.62454	0.174727	0.592465	-1.68786	0.193568	0.60722	-1.64685	0.00336767	0.23544	-4.24737	0.0217245	0.368207	-2.71586	0.0465785	0.437593	-2.28523	0.768476	0.898486	-1.11298	0.694594	0.866673	-1.15384	3.09867	6.4536	1.85129	1
cg17149563	TRMU	0.0629704	0.711472	1.0898	1.0898	0.0106253	0.47541	-2.10345	0.184735	1.38485	1.38485	0.141466	1.4419	1.4419	0.553082	1.14899	1.14899	0.398832	1.22131	1.22131	0.0338326	0.563547	-1.77447	0.247652	0.755969	-1.32281	0.574053	0.876821	-1.14048	3.09867	2.62908	0.75418	1
cg05999828	ULK4	0.0629707	0.313508	0.726482	-1.3765	0.19601	0.657618	-1.52064	0.214876	0.670176	-1.49214	0.852409	0.944509	-1.05875	0.678185	0.879934	-1.13645	0.0743429	0.543627	-1.8395	0.0012951	0.237704	-4.20692	0.909512	0.965749	-1.03547	0.411555	0.773073	-1.29354	3.09867	4.61138	1.32283	1
cg08909608	SLC9A3	0.0629722	0.286179	0.869969	-1.14947	0.204153	1.18357	1.18357	0.528412	1.08364	1.08364	0.194851	1.18822	1.18822	0.0227664	0.709787	-1.40887	0.50675	1.08841	1.08841	0.508222	1.08808	1.08808	0.310369	1.14112	1.14112	0.0151795	0.687218	-1.45514	3.09864	0.7762	0.222664	1
cg27174438	EMX2;EMX2OS;EMX2	0.0629744	0.933203	1.02735	1.02735	0.65649	1.15495	1.15495	0.228462	1.50198	1.50198	0.795302	0.919735	-1.08727	0.527379	0.813766	-1.22885	0.629681	1.16924	1.16924	0.896893	1.04261	1.04261	0.00111343	4.69113	4.69113	0.354195	1.35901	1.35901	3.0986	5.08268	1.45806	1
cg24034923	ANGEL2	0.0629758	0.0300084	0.117629	-8.50132	0.0821524	0.198942	-5.02659	0.110428	0.232577	-4.29966	0.184759	0.30747	-3.25235	0.0231844	0.102723	-9.73496	0.237867	0.354635	-2.8198	0.00642075	0.0511711	-19.5423	0.346076	0.443271	-2.25596	0.0662072	0.177699	-5.62751	3.09857	34.4986	9.89664	1
cg03890037	LVRN	0.0629761	0.0415549	15.232	15.232	0.0302701	19.1439	19.1439	0.236857	4.20504	4.20504	0.519794	2.13011	2.13011	0.93733	1.09541	1.09541	0.740175	1.47062	1.47062	0.00778596	52.4457	52.4457	0.0226738	23.6129	23.6129	0.111695	7.44571	7.44571	3.09856	65.911	18.908	1
cg27537203	POU3F1	0.0629769	0.200324	0.318553	-3.13919	0.0893593	0.205144	-4.87462	0.116848	0.23676	-4.22369	0.0495335	0.150317	-6.65261	0.00225196	0.0268951	-37.1815	0.817518	0.822463	-1.21586	0.44903	0.520798	-1.92013	0.923148	1.08502	1.08502	0.906421	0.905338	-1.10456	3.09855	35.0942	10.0676	1
cg04317854	DFNA5;DFNA5;DFNA5	0.0629796	0.880743	1.08837	1.08837	0.0169976	5.16395	5.16395	0.0377713	3.89229	3.89229	0.976311	0.983391	-1.01689	0.061287	0.304404	-3.2851	0.296503	0.543046	-1.84146	0.123677	2.56138	2.56138	0.187476	2.19893	2.19893	0.288204	1.86255	1.86255	3.09849	15.6137	4.47921	1
cg03932398	RAD21L1	0.062982	0.0493286	1.42328	1.42328	0.983059	0.996665	-1.00335	0.0793483	1.35855	1.35855	0.0390762	1.45606	1.45606	0.123121	1.30056	1.30056	0.0634939	0.720156	-1.38859	0.365392	0.863882	-1.15757	0.254708	1.20575	1.20575	0.093598	1.33659	1.33659	3.09845	1.21469	0.348473	1
cg01573544	FUNDC1	0.0629834	0.987988	1.00919	1.00919	0.650753	1.31946	1.31946	0.665959	0.767844	-1.30235	0.193439	0.43019	-2.32456	0.183773	0.421155	-2.37442	0.577592	0.710068	-1.40832	0.00137063	0.0497146	-20.1148	0.296817	0.516367	-1.93661	0.364627	0.56641	-1.7655	3.34015	19.1223	4.45276	1
cg10703506	ACACB	0.0629845	0.297196	1.39964	1.39964	0.604436	0.849951	-1.17654	0.0409802	0.480108	-2.08287	0.0150047	2.53494	2.53494	0.0551257	0.508414	-1.9669	0.224347	1.48746	1.48746	0.514578	1.22826	1.22826	0.958669	0.984007	-1.01625	0.373255	0.752501	-1.3289	3.0984	4.7491	1.36245	1
cg01054402	TGOLN2	0.0629853	0.133999	0.473235	-2.11312	0.500311	1.37263	1.37263	0.397745	1.4931	1.4931	0.330072	0.627946	-1.59249	0.0538135	0.362911	-2.75549	0.379302	0.658655	-1.51824	0.00434276	0.171281	-5.83837	0.500105	1.37284	1.37284	0.140802	0.480274	-2.08215	3.09838	10.5172	3.01726	1
cg13909076	CTDP1;CTDP1	0.0629859	0.0394007	0.190025	-5.26247	0.0246593	0.154989	-6.45205	0.0285756	0.165287	-6.05009	0.365765	0.523332	-1.91083	0.0364646	0.183754	-5.44206	0.101187	0.286287	-3.493	0.0131332	0.117286	-8.52614	0.322233	0.490383	-2.03922	0.135499	0.3259	-3.06843	3.09837	23.8286	6.83618	1
cg07441156	CCDC40;TBC1D16	0.0629871	0.981196	0.996264	-1.00375	0.456567	1.12797	1.12797	0.36468	1.15943	1.15943	0.0433233	0.69136	-1.44642	0.975489	0.995133	-1.00489	0.00713455	0.575878	-1.73648	0.124425	0.767819	-1.30239	0.553695	0.909243	-1.09982	0.036804	0.68032	-1.4699	3.09835	1.23767	0.355076	1
cg14062916	SLC13A4;SLC13A4	0.0629897	0.480842	1.15816	1.15816	0.116404	0.704972	-1.4185	0.0151162	0.542419	-1.84359	0.941464	0.985065	-1.01516	0.771508	1.06148	1.06148	0.108457	1.43161	1.43161	0.0262506	1.71635	1.71635	0.546617	1.13316	1.13316	0.39209	0.835549	-1.19682	3.0983	2.06038	0.591115	1
cg06115535	IMP4;CCDC115	0.0629924	0.292482	0.911361	-1.09726	0.291249	1.09754	1.09754	0.830534	0.981951	-1.01838	0.95924	0.995666	-1.00435	0.989052	0.998835	-1.00117	0.0105276	1.3146	1.3146	0.501963	0.943734	-1.05962	0.95106	0.994797	-1.00523	0.00709897	1.34392	1.34392	3.09825	0.354396	0.101677	1
cg02863988	PLIN5	0.0629927	0.0393519	0.240157	-4.16395	0.114313	0.357785	-2.79498	0.205359	0.449539	-2.2245	0.190111	0.435883	-2.2942	0.0359335	0.232171	-4.30717	0.0767462	0.307918	-3.24762	0.00840332	0.133398	-7.49634	0.0255046	0.20426	-4.89571	0.10538	0.346905	-2.88263	3.09824	17.5708	5.04108	1
cg22960186	COL23A1;COL23A1	0.0629953	0.165158	0.728769	-1.37218	0.0852998	1.50163	1.50163	0.859753	1.03852	1.03852	0.0709421	1.53905	1.53905	0.814792	1.05143	1.05143	0.144828	1.39747	1.39747	0.00941121	0.494847	-2.02083	0.56944	0.884378	-1.13074	0.90998	1.02447	1.02447	3.09819	2.24106	0.642974	1
cg06132620	NHSL1;NHSL1;NHSL1	0.0629957	0.00416217	0.179385	-5.5746	0.441554	0.703928	-1.4206	0.117932	0.467876	-2.13732	0.236834	0.57437	-1.74104	0.0203301	0.286126	-3.49497	0.941712	1.03326	1.03326	0.185731	0.533797	-1.87337	0.655576	1.22243	1.22243	0.100461	0.447075	-2.23676	3.09818	9.82089	2.81768	1
cg23993463	TRPM8	0.0629961	0.0183632	6.35222	6.35222	0.0459973	4.38236	4.38236	0.253836	2.15961	2.15961	0.490524	1.57224	1.57224	0.555885	0.680523	-1.46946	0.503776	0.645091	-1.55017	0.0841188	3.43761	3.43761	0.0152944	6.84832	6.84832	0.0823321	3.46761	3.46761	3.09817	20.4844	5.87713	1
cg06310715	MAP2K6	0.0629963	0.61362	1.06964	1.06964	0.525672	0.918483	-1.08875	0.179278	1.20759	1.20759	0.0851236	0.77747	-1.28622	0.157506	1.22123	1.22123	0.683128	1.05577	1.05577	0.0465532	0.739782	-1.35175	0.0104685	0.653067	-1.53124	0.458299	0.904965	-1.10502	3.09817	0.857904	0.246139	1
cg26026567	MORN1	0.0629971	0.904049	0.978403	-1.02207	0.0151842	1.71591	1.71591	0.390947	1.1725	1.1725	0.408249	0.858012	-1.16548	0.0137049	0.575894	-1.73643	0.898372	1.0234	1.0234	0.10634	1.37612	1.37612	0.333383	1.19798	1.19798	0.535918	1.12017	1.12017	3.09816	1.60826	0.461424	1
cg27204474	FLJ30058	0.0629987	0.0988194	2.33804	2.33804	0.785019	1.13691	1.13691	0.226981	1.81347	1.81347	0.74007	1.16911	1.16911	0.914045	1.05197	1.05197	0.010837	4.48879	4.48879	0.00704317	5.12794	5.12794	0.0363624	3.13214	3.13214	0.425897	1.46455	1.46455	3.09812	10.8056	3.10026	1
cg10092152	LRRC1	0.0630002	0.244614	0.773918	-1.29213	0.762167	1.066	1.066	0.356484	0.818982	-1.22103	0.298295	0.796914	-1.25484	0.817478	0.95249	-1.04988	0.437193	1.18161	1.18161	0.00191692	2.52208	2.52208	0.715619	1.08009	1.08009	0.792504	0.946001	-1.05708	3.09809	2.17536	0.624143	1
cg18777999	GAP43;GAP43	0.063001	0.0428635	0.780958	-1.28048	0.453793	1.08431	1.08431	0.64643	0.952185	-1.05022	0.366839	1.10334	1.10334	0.913404	0.988527	-1.01161	0.0190154	1.35146	1.35146	0.875889	0.983557	-1.01672	0.0155296	1.37004	1.37004	0.270996	1.12927	1.12927	3.09808	0.55212	0.158412	1
cg16750845	SDCCAG1	0.0630025	0.603472	0.76902	-1.30036	0.336275	1.64366	1.64366	0.345269	1.62775	1.62775	?	?	?	0.839317	0.903249	-1.10711	0.0443678	0.314299	-3.18168	?	?	?	0.0592471	2.90778	2.90778	0.0210387	4.01899	4.01899	3.19291	9.88014	3.53645	1
cg04773645	C2orf85	0.0630038	0.290719	1.25575	1.25575	0.779355	1.06007	1.06007	0.205739	1.31951	1.31951	0.00753233	2.04264	2.04264	0.043519	0.617465	-1.61953	0.122618	1.41549	1.41549	0.8505	1.03997	1.03997	0.105686	1.44353	1.44353	0.715403	0.926763	-1.07902	3.09803	2.11673	0.607333	1
cg09035284	FEV;FEV	0.0630044	0.496583	1.37012	1.37012	0.634095	0.803531	-1.24451	0.00110786	0.111611	-8.9597	0.741453	1.16304	1.16304	0.940677	0.966618	-1.03453	0.600928	1.27221	1.27221	0.709359	0.842997	-1.18624	0.415056	0.683833	-1.46234	0.870141	0.928081	-1.07749	3.09801	10.2105	2.92963	1
cg08516993	SLC5A10;SLC5A10	0.0630131	0.741288	0.938541	-1.06548	0.576949	0.897724	-1.11393	0.430296	0.857168	-1.16663	0.495539	0.875916	-1.14166	0.231108	0.786246	-1.27187	0.605979	0.905185	-1.10475	0.00152823	0.417547	-2.39494	0.201122	1.29495	1.29495	0.654124	1.09018	1.09018	3.09784	1.79825	0.515987	1
cg26595893	SLC22A18;SLC22A18	0.063016	0.209848	0.771779	-1.29571	0.674494	0.920535	-1.08632	0.218127	0.775742	-1.28909	0.539796	0.885434	-1.12939	0.00186801	0.421072	-2.37489	0.337926	0.823951	-1.21366	0.824245	0.957335	-1.04457	0.0219328	0.583394	-1.71411	0.366271	0.833644	-1.19955	3.09779	1.88518	0.540939	1
cg06661542	LARP4B	0.0630176	0.451976	0.611179	-1.63618	0.0438495	0.225714	-4.43039	0.53578	0.668375	-1.49617	0.557921	0.68335	-1.46338	0.341916	0.533014	-1.87612	0.181083	0.401573	-2.49021	0.00263969	0.0689941	-14.494	0.403778	1.73143	1.73143	0.0792669	0.28598	-3.49675	3.09776	20.2555	5.81223	1
cg27206421	COL9A3	0.0630193	0.748515	0.914784	-1.09315	0.00959217	2.4795	2.4795	0.0134989	2.33195	2.33195	0.184826	1.47613	1.47613	0.643707	0.879002	-1.13765	0.0542687	1.83088	1.83088	0.552431	0.846685	-1.18108	0.816061	0.937517	-1.06665	0.492793	1.21274	1.21274	3.09772	3.76163	1.0794	1
cg02968508	IL17RE;IL17RE;IL17RE	0.0630197	0.229513	0.702281	-1.42393	0.0067251	0.373414	-2.678	0.0278767	0.482678	-2.07177	0.733946	1.10035	1.10035	0.112523	0.616152	-1.62298	0.307263	0.743599	-1.34481	0.380097	0.776956	-1.28707	0.0281102	0.483384	-2.06875	0.622382	1.14928	1.14928	3.09772	3.85463	1.10609	1
cg04743066	CYP4F22	0.0630202	0.0503729	2.61422	2.61422	0.948855	0.972741	-1.02802	0.101812	2.1633	2.1633	0.911333	0.95314	-1.04916	0.617774	0.805132	-1.24203	0.620781	1.2397	1.2397	0.00633577	4.62434	4.62434	0.608547	0.800472	-1.24926	0.025751	3.12989	3.12989	3.09771	9.10677	2.61319	1
cg10864952	TPST1	0.0630206	0.0153961	0.186528	-5.36112	0.0807455	0.334989	-2.98517	0.00684648	0.138374	-7.22681	0.100023	0.361424	-2.76684	0.493814	0.675435	-1.48053	0.295865	0.542202	-1.84433	0.0498425	0.282733	-3.53691	0.949153	1.03667	1.03667	0.13053	0.397678	-2.51459	3.0977	15.6449	4.48932	1
cg23032129	SORT1	0.0630227	0.687733	0.884146	-1.13104	0.0311694	2.16126	2.16126	0.0158	2.46244	2.46244	0.072846	1.84008	1.84008	0.556028	1.19898	1.19898	0.0480557	1.99101	1.99101	0.364701	0.752879	-1.32824	0.266196	0.702533	-1.42342	0.360141	1.33204	1.33204	3.09766	4.55632	1.30746	1
cg00968012	CDK5RAP3	0.0630243	0.282641	1.88398	1.88398	0.329216	0.564794	-1.77056	0.00887529	0.151157	-6.61565	0.637489	1.30902	1.30902	0.0182027	0.196608	-5.08627	0.939455	0.957818	-1.04404	0.263136	1.9384	1.9384	0.162385	0.429029	-2.33084	0.826436	1.13268	1.13268	3.09763	15.791	4.53135	1
cg04304494	MTF1	0.063025	0.613117	0.933859	-1.07083	0.172111	1.21539	1.21539	0.00204383	1.792	1.792	0.693295	1.05464	1.05464	0.615275	0.934254	-1.07037	0.858565	0.976345	-1.02423	0.500374	0.912284	-1.09615	0.914194	1.01457	1.01457	0.0858869	1.29012	1.29012	3.09761	0.883658	0.253574	1
cg11564829	PLEKHG6;PLEKHG6;PLEKHG6	0.0630255	0.107109	0.623628	-1.60352	0.886244	1.03918	1.03918	0.0905597	0.606155	-1.64974	0.743249	1.09225	1.09225	0.329341	0.763183	-1.3103	0.087225	0.602334	-1.66021	0.460813	1.22332	1.22332	0.00743393	2.52318	2.52318	0.747109	0.916809	-1.09074	3.0976	3.53575	1.01462	1
cg25778076	IGLL1;IGLL1	0.0630264	0.388441	0.790684	-1.26473	0.0834682	0.601056	-1.66374	0.0067094	0.392908	-2.54513	0.273654	0.738834	-1.35348	0.00784789	0.403954	-2.47553	0.462643	0.81983	-1.21976	0.202772	0.699584	-1.42942	0.0831499	0.600674	-1.6648	0.101763	0.621292	-1.60955	3.09759	3.46343	0.993873	1
cg02502679	MRPS28	0.0630268	0.162401	0.700818	-1.4269	0.0747218	0.623026	-1.60507	0.0281614	0.539084	-1.855	0.0287957	0.540876	-1.84885	0.0612933	0.604968	-1.65298	0.0549647	0.595281	-1.67988	0.090583	0.641185	-1.55961	0.0222192	0.520314	-1.92192	0.0341883	0.554858	-1.80226	3.09758	2.78714	0.799804	1
cg15480012	KIAA1949;KIAA1949	0.063027	0.673629	1.15237	1.15237	0.0253154	2.43563	2.43563	0.635443	1.17337	1.17337	0.631123	1.17581	1.17581	0.621077	0.846352	-1.18154	0.978163	0.990879	-1.00921	0.122919	1.74989	1.74989	0.0784147	1.9242	1.9242	0.00338706	3.79579	3.79579	3.09757	5.49861	1.5779	1
cg20490199	ATP6V1C1	0.0630278	0.310608	0.852646	-1.17282	0.291227	0.846696	-1.18106	0.115401	0.770996	-1.29702	0.675185	0.93797	-1.06613	0.139933	1.27293	1.27293	0.0212633	1.52302	1.52302	0.0195894	0.651446	-1.53505	0.975637	1.00465	1.00465	0.59826	1.08415	1.08415	3.09756	1.13265	0.325031	1
cg04951947	SSPN;SSPN	0.0630284	0.517674	1.09153	1.09153	0.610949	0.93379	-1.0709	0.300599	0.866561	-1.15399	0.528103	0.918191	-1.0891	0.0060507	0.619573	-1.61401	0.00691068	0.626992	-1.59492	0.279392	0.860571	-1.16202	0.890561	0.981786	-1.01855	0.764666	1.0409	1.0409	3.09755	0.874658	0.250996	1
cg11650479	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.0630288	0.222375	1.19179	1.19179	0.235363	0.843531	-1.18549	0.811779	0.967888	-1.03318	0.290396	1.16198	1.16198	0.139394	0.80442	-1.24313	0.509117	0.91244	-1.09596	0.00484872	0.599833	-1.66713	0.0551042	0.742642	-1.34654	0.249809	0.848274	-1.17886	3.09754	0.918343	0.263533	1
cg01907194	TRMT61A	0.063029	0.207592	0.701779	-1.42495	0.0995833	1.61773	1.61773	0.014035	2.24395	2.24395	0.569639	1.16549	1.16549	0.0710866	0.584306	-1.71143	0.783041	1.07633	1.07633	0.156764	0.667891	-1.49725	0.125279	1.55609	1.55609	0.759757	0.921511	-1.08517	3.09754	3.48417	0.999839	1
cg11656547	MAMDC2;MAMDC2	0.0630304	0.0442862	14.3338	14.3338	0.0355939	16.7624	16.7624	0.832808	1.27586	1.27586	0.105287	7.6874	7.6874	0.0281325	19.8506	19.8506	0.0767891	9.66135	9.66135	0.0154362	30.721	30.721	0.626121	1.76091	1.76091	0.0382641	15.9153	15.9153	3.09751	65.155	18.6974	1
cg09366118	PSD4;LOC440839	0.0630304	0.21229	0.703681	-1.4211	0.2807	0.740865	-1.34977	0.114744	0.632032	-1.5822	0.023375	0.484486	-2.06404	0.0316215	0.509628	-1.96221	0.728607	0.911032	-1.09766	0.0361705	1.91876	1.91876	0.907685	0.969447	-1.03152	0.155147	0.665681	-1.50222	3.09751	3.51026	1.00734	1
cg00747975	C14orf166B	0.0630309	0.016357	0.152969	-6.53727	0.189113	0.410675	-2.43501	0.482519	1.57869	1.57869	0.806737	1.16976	1.16976	0.0282053	0.190574	-5.2473	0.200756	2.37372	2.37372	0.242862	2.18545	2.18545	0.285078	2.03461	2.03461	0.189735	0.411249	-2.43162	3.0975	20.076	5.76122	1
cg12799029	ABR;ABR;ABR	0.063031	0.0371621	0.373102	-2.68023	0.820193	1.09721	1.09721	0.352578	1.47669	1.47669	0.151532	0.534629	-1.87046	0.0761574	0.447488	-2.2347	0.758514	0.881915	-1.1339	0.00481871	0.21784	-4.59052	0.763563	0.884322	-1.13081	0.125847	0.509181	-1.96394	3.0975	8.14629	2.33774	1
cg18147147	PRDM16;PRDM16	0.0630318	0.141094	0.676334	-1.47856	0.120709	0.659811	-1.51559	0.831773	0.948799	-1.05396	0.836168	1.05249	1.05249	0.00119329	0.309294	-3.23317	0.499162	0.844089	-1.18471	0.418623	0.815306	-1.22653	0.666537	0.898429	-1.11305	0.385034	0.802489	-1.24612	3.09748	2.99456	0.859353	1
cg11408517	LATS1	0.0630321	0.161307	0.820708	-1.21846	0.266205	1.16535	1.16535	0.0686274	1.30893	1.30893	0.231959	0.847399	-1.18008	0.0676158	0.763047	-1.31053	0.359983	1.13237	1.13237	0.30727	0.869707	-1.14981	0.0186234	1.45756	1.45756	0.978789	0.996495	-1.00352	3.09748	0.855852	0.245605	1
cg02979487	AFF1;AFF1	0.0630334	0.0106735	0.209449	-4.77443	0.775071	1.14974	1.14974	0.801362	0.884458	-1.13064	0.302646	0.594486	-1.68213	0.0313575	0.292326	-3.42083	0.404348	0.65996	-1.51524	0.0113089	0.213317	-4.68786	0.639846	0.794906	-1.25801	0.058408	0.352901	-2.83366	3.09745	11.6371	3.33955	1
cg01412762	ALK	0.0630345	0.00535796	0.133013	-7.51809	0.154463	0.432412	-2.31261	0.809423	0.875553	-1.14213	0.144487	0.422234	-2.36835	0.013358	0.185323	-5.39597	0.177876	0.45497	-2.19794	0.0482491	0.288933	-3.46102	0.131646	0.408537	-2.44776	0.323318	0.570572	-1.75263	3.09743	14.8421	4.25932	1
cg16105569	C12orf70	0.0630352	0.260514	0.625174	-1.59955	0.305782	0.654151	-1.5287	0.11816	0.507101	-1.97199	0.0662391	0.438402	-2.28101	0.703831	1.16517	1.16517	0.177756	0.563701	-1.77399	0.00473255	0.222724	-4.48986	0.816435	0.911131	-1.09754	0.0174216	0.313911	-3.18561	3.09742	7.85875	2.25529	1
cg02554246	ASTN2;ASTN2;ASTN2	0.0630357	0.830956	0.931059	-1.07405	0.0886247	1.87317	1.87317	0.869152	0.9464	-1.05664	0.371576	0.735979	-1.35873	0.00282522	0.25304	-3.95195	0.861316	0.943246	-1.06017	0.458823	0.777211	-1.28665	0.720208	1.1277	1.1277	0.193247	1.58414	1.58414	3.09741	5.47715	1.57182	1
cg00940260	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.0630369	0.0659443	0.513839	-1.94613	0.607121	0.845866	-1.18222	0.728826	0.893751	-1.11888	0.510633	1.24031	1.24031	0.87916	1.05033	1.05033	0.111747	1.74895	1.74895	0.0425192	2.12515	2.12515	0.0112592	0.358898	-2.78631	0.996109	1.00157	1.00157	3.09738	5.10996	1.46646	1
cg23441316	MYCBP2	0.063037	0.321727	0.877261	-1.13991	0.449914	1.1035	1.1035	0.0576362	0.586609	-1.70474	0.528703	1.28321	1.28321	0.0263244	0.232866	-4.29439	0.129996	1.2721	1.2721	0.00475889	0.22623	-4.42036	0.816389	0.844227	-1.18451	0.0681296	0.388731	-2.57247	3.09737	8.34187	2.39409	1
cg16697850	MOXD2	0.0630402	0.010586	0.123387	-8.10457	0.344399	0.528852	-1.89089	0.269084	0.180096	-5.55259	0.18009	0.394095	-2.53746	0.244132	0.450802	-2.21827	0.12463	0.337068	-2.96671	0.0211676	0.381123	-2.62383	0.104888	0.17977	-5.56265	0.097386	0.304267	-3.28658	3.09734	20.9882	6.02332	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14237469	PLEKHB2;PLEKHB2;PLEKHB2;PLEKHB2	0.0630407	0.26235	1.1474	1.1474	0.745532	0.962413	-1.03906	0.900415	0.985379	-1.01484	0.663658	1.05283	1.05283	0.0345284	1.33646	1.33646
cg18760837	FLOT1	0.063041	0.341892	1.67324	1.67324	0.0236159	4.13973	4.13973	0.350957	1.65635	1.65635	0.41055	1.55636	1.55636	0.317476	0.580903	-1.72146
cg12748703	TCTN3;TCTN3	0.0630463	0.560546	1.30598	1.30598	0.0952511	0.435427	-2.2966	0.541019	1.32404	1.32404	0.0228964	0.290921	-3.43735	0.503107	1.36102	1.36102
cg16049367	ZC3H7B	0.0630477	0.0593232	0.365135	-2.73871	0.204819	0.530913	-1.88355	0.144143	0.475899	-2.10128	0.128571	2.17574	2.17574	0.322197	0.616333	-1.6225
cg14009075	MPPED1	0.0630498	0.0334918	3.91491	3.91491	0.625198	1.3106	1.3106	0.811873	1.13997	1.13997	0.0741154	2.98454	2.98454	0.671668	0.791175	-1.26394
cg14156446	NR6A1;NR6A1	0.0630533	0.557644	0.894152	-1.11838	0.189186	1.30008	1.30008	0.0659448	1.47585	1.47585	0.208807	0.778822	-1.28399	0.0215312	1.68351	1.68351
cg25054311	SLC26A2	0.0630534	0.0760079	0.604435	-1.65444	0.265193	1.34458	1.34458	0.0932577	0.624514	-1.60124	0.945728	1.01751	1.01751	0.0625552	0.586013	-1.70645
cg24642820	NUP210	0.0630541	0.293917	1.27884	1.27884	0.0781522	1.55604	1.55604	0.265732	1.29954	1.29954	0.597747	1.12783	1.12783	0.327932	1.25626	1.25626
cg02434554	LOC100130015;LOC100130015	0.0630547	0.0316136	3.59257	3.59257	0.538242	0.728884	-1.37196	0.0815665	2.66338	2.66338	0.367393	1.59979	1.59979	0.045074	0.31133	-3.21203
cg16205979	NOM1	0.0630578	0.052368	0.347415	-2.8784	0.351902	0.63188	-1.58258	0.0357539	0.310104	-3.22473	?	?	?	0.412842	0.669525	-1.4936
cg19149522	ZDHHC4;ZDHHC4;ZDHHC4;ZDHHC4	0.0630584	0.00715978	0.133737	-7.47736	0.252564	0.500369	-1.99852	0.547411	0.70276	-1.42296	0.0594994	0.29161	-3.42923	0.0163648	0.182639	-5.47528
cg04348247	C1orf125;C1orf125	0.063059	0.0844906	0.700229	-1.4281	0.989622	0.997574	-1.00243	0.387978	0.847702	-1.17966	0.435792	0.862025	-1.16006	0.0225368	0.600393	-1.66558
cg15175194	QTRTD1;KIAA1407;KIAA1407	0.0630594	0.163839	0.665321	-1.50303	0.931366	1.02391	1.02391	0.419871	0.79769	-1.25362	0.422725	1.25181	1.25181	0.850332	1.05317	1.05317
cg06289882	RBMX2	0.0630603	0.0962533	0.329476	-3.03512	0.00966695	0.136641	-7.31845	0.233579	0.468054	-2.13651	0.7025	0.791931	-1.26274	0.0269075	0.203286	-4.91918
cg16362123	C14orf132	0.0630608	0.365052	0.825049	-1.21205	0.00141749	0.385071	-2.59693	0.436226	0.848634	-1.17836	0.513217	1.14684	1.14684	0.882586	1.03101	1.03101
cg16717122	SCG3;SCG3;SCG3;SCG3	0.0630621	0.778919	1.03459	1.03459	0.947895	0.992134	-1.00793	0.00181056	1.7091	1.7091	0.729727	0.958958	-1.0428	0.935361	0.990247	-1.00985
cg24407327	NRXN2;NRXN2;NRXN2	0.0630624	0.770655	0.901572	-1.10917	0.615537	1.1966	1.1966	0.287894	0.676303	-1.47863	0.638677	0.845656	-1.18251	0.38703	0.730301	-1.3693
cg11736500	EIF4A1	0.0630644	0.188121	0.851286	-1.17469	0.769286	1.03454	1.03454	0.0176871	0.716712	-1.39526	0.0377006	0.757089	-1.32085	0.655169	1.05326	1.05326
cg15458155	ODF2L;ODF2L;ODF2L;ODF2L	0.0630644	0.341938	1.12299	1.12299	0.00701322	1.51133	1.51133	0.644063	0.946377	-1.05666	0.397494	1.10808	1.10808	0.340091	1.12352	1.12352
cg14712846	WHSC1L1;WHSC1L1	0.0630644	0.911214	0.97705	-1.02349	0.10479	0.691424	-1.44629	0.73989	0.932999	-1.07181	0.59212	0.893533	-1.11915	0.00150002	0.38579	-2.59208
cg11479000	APC	0.0630656	0.0713699	0.44744	-2.23494	0.226248	0.602039	-1.66102	0.0380806	0.382842	-2.61204	0.774849	0.891785	-1.12135	0.0659218	0.438687	-2.27953
cg14507427	MAD1L1;MAD1L1;MAD1L1	0.063067	0.878311	0.93635	-1.06798	0.989329	0.994276	-1.00576	0.00619243	0.216051	-4.62854	0.301456	1.58334	1.58334	0.570577	1.27896	1.27896
cg09340513	PKD1;PKD1	0.0630695	0.0796068	0.526091	-1.90081	0.00980021	2.93871	2.93871	0.338924	1.38459	1.38459	0.931519	0.972025	-1.02878	0.115361	0.568297	-1.75964
cg09119797	SFPQ	0.0630697	0.0352402	0.427883	-2.33709	0.807357	0.918914	-1.08824	0.533035	0.803682	-1.24427	0.14717	0.583645	-1.71337	0.823882	1.08021	1.08021
cg21574853	INS-IGF2;INS;INS-IGF2	0.0630698	0.0106082	0.333514	-2.99837	0.737002	1.12206	1.12206	0.462171	0.774337	-1.29143	0.105625	0.546609	-1.82946	0.658121	1.16435	1.16435
cg11787789	MICALL2	0.0630703	0.580641	0.936019	-1.06835	0.382136	0.899238	-1.11205	0.00494212	0.643328	-1.55442	0.609153	0.940726	-1.06301	0.727846	1.04227	1.04227
cg25793571	ACAD9	0.0630709	0.489772	0.929653	-1.07567	0.0173985	1.35129	1.35129	0.150292	1.17388	1.17388	0.0821322	1.2217	1.2217	0.717531	0.962933	-1.03849
cg20557069	LSS;LSS;LSS;LSS	0.0630722	0.333266	1.54234	1.54234	0.0452299	2.71118	2.71118	0.391233	1.46431	1.46431	0.0100636	4.0965	4.0965	0.229013	0.578074	-1.72988
cg06756983	GDAP2;GDAP2	0.0630725	0.0663306	0.470943	-2.1234	0.0443183	0.429715	-2.32712	0.0749182	2.06528	2.06528	0.153472	1.74866	1.74866	0.0270341	0.38396	-2.60444
cg23789604	LRRC66	0.0630736	0.0137833	0.377125	-2.65164	0.0914799	0.551406	-1.81355	0.509321	0.807007	-1.23915	0.256415	0.684238	-1.46148	0.0166305	0.39191	-2.55161
cg05624445	CHST9	0.0630758	0.112885	0.624951	-1.60013	0.668954	0.889429	-1.12432	0.1783	1.47639	1.47639	0.509341	1.20003	1.20003	0.00942389	0.40799	-2.45104
cg10062187	CASZ1;CASZ1	0.0630758	0.00920734	0.183317	-5.45502	0.052356	0.322318	-3.10253	0.101459	0.398459	-2.50967	0.138576	0.441238	-2.26635	0.111276	0.410595	-2.43549
cg14715697	HRNBP3	0.0630776	0.795666	0.786037	-1.2722	0.568028	1.70808	1.70808	0.733801	0.728573	-1.37255	0.929127	0.920786	-1.08603	0.182593	0.269232	-3.71427
cg13859589	KDM4C;KDM4C	0.0630781	0.765862	1.20547	1.20547	0.00880898	8.06069	8.06069	0.110172	2.9726	2.9726	0.574173	1.42656	1.42656	0.0301872	0.202921	-4.92802
cg07645980	LHX5	0.0630785	0.108087	0.417897	-2.39293	0.0724042	2.71219	2.71219	0.360842	1.596	1.596	0.0975274	0.404602	-2.47157	0.130085	0.443188	-2.25638
cg03196627	RASGRF1;RASGRF1;RASGRF1	0.0630799	0.701411	1.09812	1.09812	0.00221307	2.83452	2.83452	0.0928687	1.56706	1.56706	0.730065	0.919293	-1.08779	0.278906	1.31457	1.31457
cg17753347	LHX9	0.0630806	0.495093	0.657626	-1.52062	0.0368415	0.230616	-4.33621	0.036329	0.229403	-4.35913	0.956786	1.03333	1.03333	0.0266734	0.20415	-4.89836
cg27047923	TPCN2	0.0630847	0.0224775	0.685678	-1.45841	0.291292	1.16318	1.16318	0.0815312	1.30538	1.30538	0.721014	0.951708	-1.05074	0.0410981	0.722294	-1.38448
cg03679305	SLC2A5;SLC2A5;SLC2A5	0.063085	0.0626599	0.211378	-4.73085	0.0399787	0.170523	-5.86432	0.0593503	0.205986	-4.85471	0.163419	0.334809	-2.98678	0.00402538	0.0521855	-19.1624
cg01340312	TUBB	0.0630851	0.0469331	0.541543	-1.84658	0.0173634	0.457845	-2.18415	0.0199821	0.468969	-2.13234	0.921301	0.973703	-1.02701	0.0213732	0.474372	-2.10805
cg05611414	SNAR-D;SNAR-B1;SNAR-B2	0.0630871	0.0591638	0.110712	-9.03241	0.544849	1.88333	1.88333	0.0421611	0.0890836	-11.2254	0.49417	0.488123	-2.04866	0.0151527	0.0458597	-21.8056
cg08445409	RAB3C	0.0630878	0.688035	0.824605	-1.2127	0.00509955	0.17061	-5.86132	0.709871	0.836482	-1.19548	0.10744	2.31512	2.31512	0.502484	0.722404	-1.38427
cg02541210	PDF;COG8	0.0630897	0.635496	1.08332	1.08332	0.00478295	1.87326	1.87326	0.0626943	1.42056	1.42056	0.0274919	1.54807	1.54807	0.487122	1.12562	1.12562
cg08974225	CSAD;ZNF740	0.0630916	0.118093	0.456413	-2.191	0.743694	1.16376	1.16376	0.934695	0.962829	-1.03861	0.994982	1.00291	1.00291	0.00192423	0.131403	-7.61018
cg01817204	MYLK;MYLK;MYLK;MYLK	0.0630919	0.133992	0.749254	-1.33466	0.207048	1.2683	1.2683	0.413107	1.16121	1.16121	0.560047	0.900088	-1.111	0.384125	1.17281	1.17281
cg21741081	ZP1	0.0630922	0.0101088	0.278625	-3.58906	0.23832	0.614851	-1.62641	0.246546	0.620529	-1.61153	0.0195967	0.329367	-3.03612	0.0220039	0.338989	-2.94995
cg09553346	HTRA1	0.0630925	0.380386	1.30532	1.30532	0.0730684	1.80759	1.80759	0.782516	1.08539	1.08539	0.435555	1.26563	1.26563	0.0581933	0.530491	-1.88505
cg23963419	RECQL5;RECQL5;RECQL5	0.0630926	0.730237	0.877658	-1.1394	0.445164	0.745697	-1.34103	0.988716	1.00535	1.00535	0.804295	1.09812	1.09812	0.00159682	0.18132	-5.51512
cg26582230	RGS12;RGS12;RGS12	0.0630933	0.534748	0.840484	-1.18979	0.0229193	0.471301	-2.12179	0.302426	1.34352	1.34352	0.60831	0.866856	-1.15359	0.728745	0.908252	-1.10102
cg24045574	FLJ41603	0.063094	0.121064	0.77324	-1.29326	0.0130234	1.60208	1.60208	0.0922692	0.753166	-1.32773	0.576475	0.917299	-1.09016	0.93338	1.01287	1.01287
cg07891064	CCND3;TAF8;CCND3	0.0630947	0.0250189	1.43952	1.43952	0.529189	0.916587	-1.091	0.469636	0.904378	-1.10573	0.175102	1.21778	1.21778	0.408021	0.890806	-1.12258
cg07842062	MEFV	0.0630954	0.216257	0.416129	-2.4031	0.0554567	0.231638	-4.31709	0.510873	0.638056	-1.56726	0.70572	0.774451	-1.29124	0.00661185	0.0929667	-10.7565
cg24451858	MAP6;MAP6	0.0630956	0.658348	1.06402	1.06402	0.076397	1.31635	1.31635	0.357484	1.14105	1.14105	0.90967	1.01595	1.01595	0.684799	1.05855	1.05855
cg00808132	PSMB11	0.0630973	0.00413284	0.437457	-2.28594	0.0947964	0.673856	-1.484	0.732798	1.07646	1.07646	0.760687	1.06788	1.06788	0.0189446	0.542838	-1.84217
cg22814480	ME3;ME3;ME3	0.0630975	0.184548	1.37403	1.37403	0.0373265	0.579491	-1.72565	0.639947	0.899096	-1.11223	0.0309065	1.77207	1.77207	0.559848	1.14238	1.14238
cg21156483	CEP72	0.0630985	0.901265	1.03795	1.03795	0.0234381	2.25344	2.25344	0.00641319	2.8984	2.8984	0.839288	0.940882	-1.06283	0.26956	0.708202	-1.41203
cg00744351	CHRNE;C17orf107	0.0630987	0.116534	3.82598	3.82598	0.0084169	14.1235	14.1235	0.0288094	7.60245	7.60245	0.548955	1.61147	1.61147	0.137972	3.514	3.514
cg05295028	ZP1	0.0631004	0.0303279	2.00852	2.00852	0.220927	0.702944	-1.42259	0.174609	0.673325	-1.48517	0.556869	0.849797	-1.17675	0.00492068	0.360418	-2.77456
cg13844011	CHST13	0.0631007	0.00933338	2.18216	2.18216	0.666326	1.10812	1.10812	0.328444	0.787646	-1.26961	0.322201	1.27381	1.27381	0.134626	0.682674	-1.46483
cg07450214	ANKRD26	0.0631028	0.0770276	0.201152	-4.97136	0.164534	0.298321	-3.35209	0.563153	0.620784	-1.61087	0.341596	0.449653	-2.22394	0.112168	0.243951	-4.09918
cg04707706	NRXN1;NRXN1;NRXN1	0.0631039	0.0632342	0.333266	-3.00061	0.149841	0.443949	-2.25251	0.0842893	0.366235	-2.73048	0.0639338	0.334468	-2.98983	0.159934	0.453964	-2.20282
cg22924867	SGCE;PEG10;SGCE;PEG10;SGCE	0.0631069	0.611996	1.08112	1.08112	0.094028	1.32413	1.32413	0.00791845	1.68088	1.68088	0.294286	1.18042	1.18042	0.239641	1.20655	1.20655
cg24631716	HSPA1L;HSPA1A	0.0631083	0.77175	0.964958	-1.03631	0.186973	0.842374	-1.18712	0.390574	1.11392	1.11392	0.462846	1.09598	1.09598	0.0168149	0.699238	-1.43013
cg03456651	C10orf105;C10orf105;CDH23	0.0631085	0.0178786	0.239659	-4.1726	0.0558584	0.341258	-2.93034	0.191799	0.503694	-1.98533	0.540376	0.735195	-1.36018	0.0136574	0.220055	-4.54433
cg01072952	EDIL3	0.0631085	0.434867	0.837974	-1.19335	0.0667315	1.57786	1.57786	0.119926	0.68777	-1.45397	0.324795	1.25306	1.25306	0.861409	1.03953	1.03953
cg01662876	GALNTL5;GALNTL5	0.0631109	0.0858039	0.256849	-3.89333	0.103773	0.279828	-3.57362	0.410187	0.547192	-1.82751	0.236701	0.411649	-2.42925	0.0459089	0.194356	-5.1452
cg23361265	TTC19	0.0631129	0.0283607	0.532697	-1.87724	0.0682994	1.64338	1.64338	0.0155742	2.05828	2.05828	0.539324	1.16328	1.16328	0.462386	1.19969	1.19969
cg14377593	TFPI2	0.0631136	0.246385	0.698905	-1.43081	0.54577	1.19803	1.19803	0.102316	1.69615	1.69615	0.66072	0.877633	-1.13943	0.664722	1.13754	1.13754
cg17533550	RCBTB2	0.0631145	0.475275	0.884647	-1.13039	0.559942	0.905277	-1.10463	0.00931105	0.572968	-1.7453	0.177035	0.784869	-1.2741	0.466517	0.882413	-1.13326
cg15132055	APOM	0.0631147	0.19172	1.43248	1.43248	0.53779	1.17614	1.17614	0.147541	0.667573	-1.49796	0.5963	0.870205	-1.14915	0.00248948	0.335189	-2.98339
cg23430594	GALNT9	0.063117	?	?	?	0.0088429	8.35243	8.35243	0.207205	2.3329	2.3329	0.607153	1.39137	1.39137	0.85868	0.892696	-1.1202
cg09144422	DDX28;DUS2L	0.0631176	0.880483	1.0362	1.0362	0.015738	2.01283	2.01283	0.693343	1.09821	1.09821	0.104442	1.52124	1.52124	0.600685	0.882644	-1.13296
cg02741158	CDH11	0.0631177	0.978615	0.997122	-1.00289	0.210849	1.15228	1.15228	0.209824	1.15269	1.15269	0.0122165	1.39888	1.39888	0.920154	0.989278	-1.01084
cg14022057	DPP4	0.0631179	0.130544	3.12501	3.12501	0.828466	1.16348	1.16348	0.83483	0.864417	-1.15685	0.996294	0.996765	-1.00325	0.855379	0.880457	-1.13577
cg15160746	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0631185	0.115723	1.42495	1.42495	0.984844	0.996073	-1.00394	0.281939	0.793268	-1.26061	0.122143	0.706798	-1.41483	0.744176	1.07017	1.07017
cg02739346	EN1	0.0631187	0.240373	0.516368	-1.9366	0.281339	1.82583	1.82583	0.115305	2.51076	2.51076	0.42352	1.55196	1.55196	0.1829	0.4677	-2.13812
cg10819004	NKAIN3	0.0631191	0.871957	0.972622	-1.02815	0.00649911	0.544026	-1.83815	0.470799	0.881386	-1.13458	0.639415	0.921999	-1.0846	0.497887	1.12573	1.12573
cg02466321	ANKRD34B;ANKRD34B	0.0631202	0.0685937	0.717071	-1.39456	0.83418	0.966377	-1.03479	0.0220943	1.56481	1.56481	0.508275	0.896291	-1.11571	0.0709495	0.719538	-1.38978
cg12452542	PCBP4;PCBP4;PCBP4;PCBP4	0.063121	0.00887344	1.66966	1.66966	0.570941	1.09214	1.09214	0.796259	1.04063	1.04063	0.0984179	1.32175	1.32175	0.10814	1.30969	1.30969
cg13423075	LHCGR	0.063121	0.143787	4.63825	4.63825	0.309904	2.79122	2.79122	0.619214	1.63136	1.63136	0.237787	3.34702	3.34702	0.0225235	14.4295	14.4295
cg12873941	C14orf109;C14orf109;MOAP1	0.063122	0.0176439	0.39428	-2.53627	0.307732	1.4055	1.4055	0.514187	0.807935	-1.23772	0.616582	1.17675	1.17675	0.0295455	2.28438	2.28438
cg19688772	PPP3CA;PPP3CA;PPP3CA	0.0631221	0.849334	1.10499	1.10499	0.0660806	2.95153	2.95153	0.878683	1.08349	1.08349	0.0956111	0.382512	-2.6143	0.0544714	0.318103	-3.14363
cg10883064	MRC2	0.0631222	0.12715	2.51751	2.51751	0.0361952	3.90865	3.90865	0.153381	2.35272	2.35272	0.324628	1.76697	1.76697	0.27541	1.88707	1.88707
cg13018725	VPS52	0.0631224	0.0541513	0.627967	-1.59244	0.380804	0.825823	-1.21091	0.314963	0.801552	-1.24758	0.633426	1.1077	1.1077	0.229696	0.764674	-1.30775
cg03163812	RNF5P1	0.0631232	0.0744228	0.318718	-3.13756	0.00581987	0.125228	-7.9854	0.0371147	0.248509	-4.024	0.667499	0.779879	-1.28225	0.0701142	0.311971	-3.20543
cg26004203	ESRRG	0.0631256	0.0470931	6.31215	6.31215	0.0298397	7.94597	7.94597	0.155216	3.43267	3.43267	0.137795	3.65405	3.65405	0.0213669	9.41715	9.41715
cg26040761	EPS8L3;EPS8L3;EPS8L3	0.063127	0.0759152	0.668976	-1.49482	0.295826	0.802014	-1.24686	0.0170575	0.553281	-1.8074	0.384995	0.834209	-1.19874	0.62681	0.905088	-1.10487
cg14218504	TOPBP1	0.0631299	0.226374	0.771832	-1.29562	0.342919	0.819373	-1.22045	0.302514	0.804312	-1.2433	0.21299	1.30658	1.30658	0.316694	0.809735	-1.23497
cg24078695	CAPN9;CAPN9	0.063135	0.118797	0.540006	-1.85183	0.11324	0.534049	-1.87249	0.0288771	0.391528	-2.5541	0.343105	0.700862	-1.42681	0.00723339	0.283297	-3.52986
cg10011091	SLC25A32	0.0631356	0.0782112	0.396027	-2.52508	0.58809	1.29546	1.29546	0.40437	0.667705	-1.49767	0.0509317	0.349011	-2.86524	0.0398405	0.324698	-3.07978
cg00935993	C2orf43	0.0631382	0.275417	0.88226	-1.13345	0.396651	1.10057	1.10057	0.00801223	1.45517	1.45517	0.0597781	0.790962	-1.26428	0.115819	0.828028	-1.20769
cg24605023	CADPS;CADPS;CADPS	0.0631399	0.0506879	0.287844	-3.47411	0.009251	0.157638	-6.34363	0.0243923	0.223078	-4.48274	0.175696	0.446941	-2.23743	0.0397306	0.264493	-3.78082
cg19801120	KLHL31	0.0631402	0.035912	3.07209	3.07209	0.0156199	3.90854	3.90854	0.114924	2.19964	2.19964	0.237622	1.76632	1.76632	0.0193061	3.67385	3.67385
cg26379258	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2	0.0631404	0.549589	0.85407	-1.17086	0.00789972	0.4116	-2.42954	0.593029	1.15091	1.15091	0.0788394	1.66276	1.66276	0.181082	0.690769	-1.44766
cg27395450	GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK	0.0631407	0.385773	1.15743	1.15743	0.194833	0.798123	-1.25294	0.492814	1.12135	1.12135	0.612784	0.919505	-1.08754	0.0188877	0.62652	-1.59612
cg02795151	POLR2A	0.0631417	0.0923382	0.206115	-4.85167	0.459071	0.52588	-1.90157	0.420633	2.01657	2.01657	0.479061	0.541479	-1.84679	0.0267484	0.106733	-9.36919
cg01588592	ETV3L;ETV3L	0.0631437	0.649333	0.879881	-1.13652	0.0384615	0.511517	-1.95497	0.168973	0.663854	-1.50636	0.0778152	0.57818	-1.72956	0.0112113	0.411337	-2.4311
cg00300969	DNMT3B;DNMT3B;DNMT3B;DNMT3B	0.0631443	0.664712	1.10679	1.10679	0.385723	0.813091	-1.22987	0.17697	0.716106	-1.39644	0.0561314	0.604504	-1.65425	0.876055	1.03699	1.03699
cg12539917	FAM19A5	0.0631448	0.0207529	0.640644	-1.56093	0.720269	1.0592	1.0592	0.620851	1.08302	1.08302	0.0670536	1.38861	1.38861	0.0194309	0.636396	-1.57135
cg22878084	ODZ3	0.063145	0.048312	0.625259	-1.59934	0.178329	0.742585	-1.34665	0.00752677	0.488819	-2.04575	0.284506	0.793441	-1.26033	0.00822915	0.494867	-2.02074
cg11725101	NBPF16;NBPF16	0.0631475	0.984358	0.996573	-1.00344	0.0255979	1.59102	1.59102	0.677004	0.929274	-1.07611	0.580457	0.906872	-1.10269	0.0118163	0.576686	-1.73404
cg22978477	MAML2	0.0631484	0.884569	0.94483	-1.05839	0.00227959	0.18883	-5.29576	0.0998267	0.494342	-2.02289	0.476298	1.32703	1.32703	0.158508	0.554959	-1.80193
cg02740893	FTHL3;PPM1G;PPM1G	0.0631485	0.930842	1.0145	1.0145	0.0222109	0.634599	-1.5758	0.123603	0.758291	-1.31876	0.220163	0.807455	-1.23846	0.299361	0.836578	-1.19535
cg04965389	STARD9	0.0631495	0.986777	0.995527	-1.00449	0.599471	0.866458	-1.15412	0.0269698	0.49237	-2.03099	0.524368	0.839866	-1.19067	0.00276441	0.327373	-3.05462
cg01566169	ODF3L2	0.0631523	0.74688	0.935019	-1.0695	0.0626278	1.54448	1.54448	0.0410107	0.613084	-1.6311	0.0143407	0.534533	-1.87079	0.128501	0.711151	-1.40617
cg07395751	XKR5	0.0631545	0.0495078	0.509784	-1.96162	0.15525	1.57968	1.57968	0.114513	0.596886	-1.67536	0.865513	0.950318	-1.05228	0.00777702	0.357932	-2.79383
cg22705830	TRIP10;GPR108;GPR108	0.063155	0.48187	1.15575	1.15575	0.92715	0.981652	-1.01869	0.0119619	0.52995	-1.88697	0.0070097	2.02592	2.02592	0.61183	1.10919	1.10919
cg26138500	PTPRN2;PTPRN2;PTPRN2	0.0631575	0.623877	1.12454	1.12454	0.707338	0.914325	-1.0937	0.0156685	0.494839	-2.02086	0.88416	0.96597	-1.03523	0.813431	1.05775	1.05775
cg26371345	MRPL14	0.0631577	0.208153	0.361356	-2.76736	0.0181985	0.110892	-9.01781	0.0200418	0.116211	-8.60505	0.992907	1.00684	1.00684	0.015096	0.101217	-9.87981
cg16127043	RASA3	0.0631593	0.625238	0.848425	-1.17865	0.0342216	2.28189	2.28189	0.0185715	2.59368	2.59368	0.202764	1.56674	1.56674	0.0820504	0.525534	-1.90283
cg01179818	KLHDC4	0.0631604	0.849307	0.93824	-1.06583	0.104287	0.551475	-1.81332	0.304471	0.700182	-1.4282	0.0167704	0.375949	-2.65993	0.72407	1.12614	1.12614
cg24812946	RSU1;RSU1	0.0631604	0.046362	0.670615	-1.49117	0.846509	1.03452	1.03452	0.173871	1.28829	1.28829	0.0214479	0.616419	-1.62227	0.0714627	0.702956	-1.42256
cg12522599	EEPD1	0.0631633	0.372146	0.812289	-1.23109	0.0781849	1.55893	1.55893	0.182018	1.37906	1.37906	0.381948	1.22563	1.22563	0.168635	0.7169	-1.39489
cg21787249	XIRP1	0.0631634	0.0493274	0.289848	-3.45008	0.623737	1.3138	1.3138	0.419545	0.634279	-1.57659	0.71456	1.22478	1.22478	0.00308089	0.106862	-9.35789
cg15157974	DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;DISC1	0.0631644	0.0307751	0.515998	-1.93799	0.153393	0.671185	-1.4899	0.0241623	0.49602	-2.01605	0.539033	0.850264	-1.17611	0.0165818	0.46617	-2.14514
cg06641342	CYB561;CYB561;CYB561	0.0631654	0.367666	1.30905	1.30905	0.838805	1.06107	1.06107	0.0461832	1.9441	1.9441	0.0257381	2.16152	2.16152	0.0952975	0.586632	-1.70465
cg00035452	BANP;BANP	0.0631663	0.103571	0.753194	-1.32768	0.922896	0.984705	-1.01553	0.0971953	0.7484	-1.33618	0.34715	1.16664	1.16664	0.104797	0.754087	-1.32611
cg09718987	TACR1	0.0631668	0.0250668	0.0673925	-14.8384	0.0824244	0.142712	-7.00711	0.118834	0.180275	-5.54708	0.107328	0.16885	-5.9224	0.0261237	0.0691815	-14.4547
cg07628705	ABHD12B;ABHD12B	0.0631682	0.18247	2.90003	2.90003	0.611967	1.46954	1.46954	0.366873	2.00886	2.00886	0.887458	0.898922	-1.11244	0.206709	0.367095	-2.72409
cg15582719	ICMT	0.0631686	0.0987453	0.801551	-1.24758	0.0690837	1.28216	1.28216	0.514653	1.08409	1.08409	0.0325499	1.35759	1.35759	0.536796	1.07942	1.07942
cg12179179	ADAMTS1	0.0631703	0.0887571	0.755967	-1.32281	0.286523	1.1793	1.1793	0.130519	0.78401	-1.27549	0.383247	0.875259	-1.14252	0.474321	0.897246	-1.11452
cg09528372	SNRPA	0.0631724	0.0289631	0.62295	-1.60527	0.642887	1.08962	1.08962	0.994967	0.998841	-1.00116	0.00293759	0.471951	-2.11886	0.393471	1.17431	1.17431
cg06977257	FAM38A	0.0631729	0.844885	0.967747	-1.03333	0.668275	1.07482	1.07482	0.28945	0.831906	-1.20206	0.734031	1.05874	1.05874	0.64075	0.924353	-1.08184
cg08692100	C16orf70	0.0631735	0.96157	0.983656	-1.01662	0.336366	1.40359	1.40359	0.155466	1.6818	1.6818	0.331708	1.40849	1.40849	0.934061	0.972095	-1.02871
cg04508532	HEATR4;C14orf169	0.0631739	0.129488	1.31102	1.31102	0.0322746	0.660676	-1.5136	0.207036	0.802531	-1.24606	0.391349	1.15626	1.15626	0.0325283	1.51238	1.51238
cg18289557	ATP11A;ATP11A	0.0631746	0.954686	1.01472	1.01472	0.0294736	0.517177	-1.93357	0.275615	0.747006	-1.33868	0.399357	0.801004	-1.24843	0.617311	0.878485	-1.13832
cg18931685	RELB	0.0631748	0.694944	0.96587	-1.03534	0.055394	0.825864	-1.21085	0.142805	1.14887	1.14887	0.178697	1.13415	1.13415	0.0970525	1.17406	1.17406
cg18562243	SOX2OT	0.0631753	0.262194	2.78905	2.78905	0.0409937	7.91781	7.91781	0.0381727	8.23171	8.23171	0.278998	2.68453	2.68453	0.113174	4.53814	4.53814
cg26372557	TICAM1	0.0631756	0.648385	0.912127	-1.09634	0.89728	1.02621	1.02621	0.00751446	0.501965	-1.99217	0.914378	1.02178	1.02178	0.0294552	0.598273	-1.67148
cg20284682	FAM18B	0.0631766	0.895184	0.975464	-1.02515	0.695883	0.92864	-1.07684	0.428707	0.858759	-1.16447	0.692331	0.927785	-1.07784	0.00386584	0.480231	-2.08233
cg06815887	SKI	0.0631778	0.0946941	0.584592	-1.7106	0.0859692	1.74123	1.74123	0.0856826	1.74229	1.74229	0.268702	1.40033	1.40033	0.0520142	0.524081	-1.9081
cg25202943	CACNB1	0.0631794	0.925907	1.01624	1.01624	0.36118	1.1765	1.1765	0.837114	0.96498	-1.03629	0.714068	1.0658	1.0658	0.511028	1.12237	1.12237
cg04862679	MRPL16	0.0631802	0.880524	0.920699	-1.08613	0.250521	0.51706	-1.93401	0.598641	0.746935	-1.3388	0.122124	2.51033	2.51033	0.176869	0.4545	-2.20022

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14237469	0.234213	1.15802	1.15802	0.00506432	0.646615	-1.54652	0.561243	1.07156	1.07156	0.610798	0.941401	-1.06225	3.09731	0.679005	0.194866	1
cg18760837	0.426177	0.65239	-1.53283	0.538178	0.720636	-1.38766	0.00667535	6.35922	6.35922	0.355179	0.606557	-1.64865	3.0973	13.5539	3.88981	1
cg12748703	0.983843	0.990857	-1.00923	0.0103703	0.231222	-4.32485	0.907196	1.05432	1.05432	0.164084	1.96103	1.96103	3.0972	10.0921	2.89642	1
cg16049367	0.304819	0.604776	-1.65351	0.0200265	0.264957	-3.7742	0.0686459	2.62349	2.62349	0.43375	0.685217	-1.45939	3.09717	10.9861	3.15301	1
cg14009075	0.978871	0.985555	-1.01466	0.667793	0.788825	-1.26771	0.00543859	7.45877	7.45877	0.0456886	3.5209	3.5209	3.09713	14.8061	4.2494	1
cg14156446	0.910379	0.97898	-1.02147	0.19127	1.29829	1.29829	0.703424	0.930377	-1.07483	0.0355271	0.630181	-1.58684	3.09707	1.74601	0.501123	1
cg25054311	0.406925	0.805479	-1.2415	0.00881877	0.427307	-2.34024	0.948956	0.983808	-1.01646	0.197507	1.41531	1.41531	3.09706	3.18908	0.9153	1
cg24642820	0.0125683	2.01618	2.01618	0.00548828	2.2816	2.2816	0.034868	1.74289	1.74289	0.533526	1.15311	1.15311	3.09705	2.50347	0.718525	1
cg02434554	0.157284	0.464173	-2.15437	0.394851	0.642601	-1.55618	0.0824444	0.376741	-2.65434	0.450696	0.677054	-1.47699	3.09704	12.6316	3.62542	1
cg16205979	0.078527	0.392045	-2.55073	0.00758999	0.192941	-5.18293	0.966742	1.02018	1.02018	0.0581984	0.358505	-2.78936	3.1392	10.1475	3.23253	1
cg19149522	0.750416	0.831192	-1.20309	0.135056	0.393222	-2.5431	0.731626	1.22074	1.22074	0.0529332	0.279591	-3.57665	3.09697	16.4644	4.72561	1
cg04348247	0.365622	1.18955	1.18955	0.0309807	1.60472	1.60472	0.0671879	0.681764	-1.46678	0.213548	0.78303	-1.27709	3.09695	1.71034	0.490903	1
cg15175194	0.81885	0.939022	-1.06494	0.00142676	0.282144	-3.54429	0.966612	1.01155	1.01155	0.592413	1.15975	1.15975	3.09695	3.68946	1.05895	1
cg06289882	0.0613883	0.277713	-3.60084	0.0267423	0.20281	-4.93073	0.0683838	0.289286	-3.45679	0.0953603	0.328302	-3.04597	3.09693	18.1245	5.20215	1
cg16362123	0.821006	1.04794	1.04794	0.477359	1.161	1.161	0.255561	0.782505	-1.27795	0.402524	0.837758	-1.19366	3.09692	2.09418	0.60108	1
cg16717122	0.351253	1.12291	1.12291	0.442671	0.909752	-1.0992	0.137031	0.82404	-1.21353	0.707505	1.0466	1.0466	3.09689	0.716136	0.20555	1
cg24407327	0.739437	1.1256	1.1256	0.0170306	0.356566	-2.80453	0.00453672	0.26176	-3.82029	0.0595465	0.470581	-2.12503	3.09689	6.16276	1.76888	1
cg11736500	0.271075	0.876096	-1.14143	0.0810201	0.799846	-1.25024	0.103274	0.81406	-1.22841	0.0926438	1.23816	1.23816	3.09685	0.653676	0.187625	1
cg15458155	0.169801	0.840946	-1.18914	0.0339256	0.745783	-1.34087	0.635944	0.945078	-1.05811	0.762093	0.964672	-1.03662	3.09685	0.688273	0.197555	1
cg14712846	0.125264	0.707952	-1.41253	0.590628	1.11967	1.11967	0.730851	0.930646	-1.07452	0.247718	0.777597	-1.28601	3.09685	2.12501	0.609942	1
cg11479000	0.193871	0.577547	-1.73146	0.0106692	0.277509	-3.60349	0.0137368	0.296215	-3.37593	0.972725	0.986439	-1.01375	3.09683	7.82217	2.24521	1
cg14507427	0.429978	0.707655	-1.41312	0.0492369	2.62078	2.62078	0.194019	1.80367	1.80367	0.182539	1.83531	1.83531	3.0968	9.03651	2.59379	1
cg09340513	0.0997071	0.551228	-1.81413	0.53799	1.22858	1.22858	0.295791	1.43032	1.43032	0.537295	0.813657	-1.22902	3.09675	5.34507	1.53425	1
cg09119797	0.209196	0.63243	-1.5812	0.0104816	3.04991	3.04991	0.112834	0.550232	-1.81742	0.27966	0.677711	-1.47556	3.09675	5.87656	1.6868	1
cg21574853	0.959803	0.982926	-1.01737	0.0306903	0.420041	-2.38072	0.0136889	0.352837	-2.83417	0.751717	0.897224	-1.11455	3.09675	5.72606	1.64361	1
cg11787789	0.0312461	1.34916	1.34916	0.748613	0.962617	-1.03883	0.108043	0.812394	-1.23093	0.615471	0.941755	-1.06185	3.09674	0.688633	0.197666	1
cg25793571	0.242029	1.13577	1.13577	0.107269	0.832956	-1.20054	0.0649973	0.806197	-1.24039	0.959471	1.0053	1.0053	3.09672	0.530148	0.152175	1
cg20557069	0.0443505	2.72557	2.72557	0.276219	1.63514	1.63514	0.0327338	2.95849	2.95849	0.297069	1.59895	1.59895	3.0967	9.24431	2.65352	1
cg06756983	0.324516	1.45067	1.45067	0.856055	1.06865	1.06865	0.73178	0.881787	-1.13406	0.657572	0.849488	-1.17718	3.09669	6.55721	1.88221	1
cg23789604	0.234319	0.670761	-1.49084	0.013818	0.37732	-2.65027	0.933825	0.97375	-1.02696	0.0764617	0.531916	-1.88	3.09667	5.03207	1.44444	1
cg05624445	0.0155537	0.445629	-2.24402	0.27189	0.7323	-1.36556	0.278765	0.735811	-1.35905	0.498599	0.829328	-1.20579	3.09663	3.63954	1.04473	1
cg10062187	0.374977	0.626722	-1.5956	0.0167324	0.223443	-4.47541	0.128262	0.430129	-2.32489	0.0340088	0.28089	-3.56012	3.09663	12.9135	3.70684	1
cg14715697	0.704848	0.702551	-1.42338	0.0011011	0.0115206	-86.801	0.753924	1.33874	1.33874	0.539457	0.561946	-1.77953	3.09659	42.2081	12.116	1
cg13859589	0.926914	1.05909	1.05909	0.14009	2.70019	2.70019	0.361536	0.556052	-1.79839	0.577162	1.42253	1.42253	3.09658	19.2025	5.51215	1
cg07645980	0.317508	0.597956	-1.67236	0.0756931	0.373828	-2.67502	0.0710157	2.72854	2.72854	0.212586	0.520286	-1.92202	3.09658	12.1473	3.48694	1
cg03196627	0.95923	1.0125	1.0125	0.0902658	1.57388	1.57388	0.448732	0.828982	-1.2063	0.923481	0.97693	-1.02362	3.09655	2.89471	0.830951	1
cg17753347	0.0349006	0.225965	-4.42547	0.0251717	0.199714	-5.00716	0.619477	1.35374	1.35374	0.157266	0.400495	-2.49691	3.09654	17.9508	5.15294	1
cg27047923	0.34372	0.874034	-1.14412	0.92858	1.01245	1.01245	0.430223	1.11755	1.11755	0.0475571	0.731389	-1.36726	3.09646	0.934411	0.268238	1
cg03679305	0.0787186	0.235626	-4.24401	0.0557846	0.199992	-5.0002	0.128645	0.298052	-3.35511	0.283845	0.442367	-2.26057	3.33788	27.4475	6.3957	1
cg01340312	0.424205	1.2462	1.2462	0.36516	0.77808	-1.28521	0.217936	0.705036	-1.41837	0.330282	0.762681	-1.31116	3.09645	3.56641	1.0238	1
cg05611414	0.102398	0.157813	-6.33661	0.867599	1.1881	1.1881	0.0417801	0.0885661	-11.291	0.0377266	0.0829492	-12.0556	3.09641	52.3292	15.0222	1
cg08445409	0.120685	2.23481	2.23481	?	?	?	0.433008	1.46563	1.46563	0.565845	0.757814	-1.31958	3.1386	10.0867	3.21375	1
cg02541210	0.802922	0.958954	-1.0428	0.576604	1.09916	1.09916	0.0346104	1.51123	1.51123	0.81407	1.04028	1.04028	3.09636	1.37761	0.395478	1
cg08974225	0.940195	1.03529	1.03529	0.925138	0.957488	-1.0444	0.70971	1.18867	1.18867	0.178275	1.93692	1.93692	3.09632	10.4772	3.00778	1
cg01817204	0.0832677	0.709991	-1.40847	0.00498599	1.94229	1.94229	0.866884	1.03042	1.03042	0.481294	1.1364	1.1364	3.09632	1.56467	0.449185	1
cg21741081	0.0461011	0.406571	-2.4596	0.0682245	0.447503	-2.23462	0.177072	0.56837	-1.75942	0.195564	0.583311	-1.71435	3.09631	7.60447	2.18309	1
cg09553346	0.950226	1.01866	1.01866	0.0234619	2.22897	2.22897	0.0684253	1.82963	1.82963	0.0283268	2.15237	2.15237	3.09631	4.30026	1.23452	1
cg23963419	0.440916	0.743572	-1.34486	0.190615	0.593031	-1.68625	0.0931099	0.498344	-2.00665	0.0969463	0.503143	-1.98751	3.0963	6.97029	2.00104	1
cg26582230	0.00934259	0.40202	-2.48744	0.661981	0.885504	-1.1293	0.722633	0.906184	-1.10353	0.0601194	1.79708	1.79708	3.09629	3.74684	1.07565	1
cg24045574	0.34796	1.15931	1.15931	0.208652	0.816475	-1.22478	0.533414	1.1013	1.1013	0.0597323	1.38405	1.38405	3.09628	1.14758	0.329452	1
cg07891064	0.0350298	1.39876	1.39876	0.0119393	1.53511	1.53511	0.314567	1.15268	1.15268	0.734814	1.04755	1.04755	3.09626	0.91541	0.2628	1
cg07842062	0.660697	0.742588	-1.34664	0.0131384	0.125934	-7.94069	0.326433	1.97908	1.97908	0.515318	0.641157	-1.55968	3.09625	22.2615	6.39095	1
cg24451858	0.00128053	1.9246	1.9246	0.856409	0.975061	-1.02558	0.907486	1.01634	1.01634	0.223649	1.19514	1.19514	3.09624	0.953356	0.273695	1
cg00808132	0.463392	0.851745	-1.17406	0.318855	0.801324	-1.24794	0.909947	1.02462	1.02462	0.159856	0.724055	-1.38111	3.09621	2.26667	0.650735	1
cg22814480	0.0115318	2.04073	2.04073	0.996198	0.998925	-1.00108	0.466863	1.18194	1.18194	0.636598	1.11343	1.11343	3.09621	2.4995	0.717581	1
cg21156483	0.284483	0.716308	-1.39605	0.161325	1.56657	1.56657	0.754738	0.910245	-1.09861	0.435928	1.26937	1.26937	3.09619	4.41592	1.26777	1
cg00744351	0.0837617	4.50754	4.50754	0.0261425	7.97485	7.97485	0.043325	6.22507	6.22507	0.175704	3.1046	3.1046	3.09619	30.3574	8.71534	1
cg05295028	0.852522	1.0523	1.0523	0.65277	0.88333	-1.13208	0.92155	1.02735	1.02735	0.516247	0.835028	-1.19757	3.09615	3.67923	1.05629	1
cg13844011	0.814424	0.945876	-1.05722	0.0680177	0.616522	-1.622	0.0885642	0.64107	-1.55989	0.493732	0.848338	-1.17878	3.09615	2.74623	0.788429	1
cg07450214	0.0665151	0.186685	-5.35663	0.00287258	0.0352672	-28.355	0.0428948	0.149472	-6.69022	0.155473	0.28946	-3.45471	3.09611	32.6221	9.36577	1
cg04707706	0.036191	0.277712	-3.60085	0.00694225	0.159258	-6.27911	0.0442719	0.296624	-3.37127	0.937117	0.959349	-1.04237	3.09608	13.5648	3.89446	1
cg22924867	0.0832841	1.3396	1.3396	0.031596	1.46864	1.46864	0.516059	0.904464	-1.10563	0.249146	0.832205	-1.20163	3.09603	1.14018	0.327354	1
cg24631716	0.379603	0.895356	-1.11687	0.0818228	0.789397	-1.26679	0.0221301	0.714305	-1.39996	0.0306095	0.732335	-1.3655	3.096	0.737414	0.211718	1
cg03456651	0.0499992	0.329799	-3.03215	0.427501	0.668935	-1.49491	0.028017	0.275777	-3.62612	0.0689634	0.364199	-2.74575	3.096	12.0778	3.46763	1
cg01072952	0.983886	0.995529	-1.00449	0.0634376	1.58893	1.58893	0.292682	1.27405	1.27405	0.0067898	2.1777	2.1777	3.096	2.41354	0.692949	1
cg01662876	0.0801591	0.249131	-4.01395	0.00509204	0.0706195	-14.1604	0.0232422	0.143411	-6.97296	0.152952	0.334282	-2.99149	3.09595	25.1312	7.2155	1
cg23361265	0.832417	0.949738	-1.05292	0.876473	0.962851	-1.03858	0.0707162	1.63473	1.63473	0.662852	0.898741	-1.11267	3.09591	2.90401	0.833791	1
cg14377593	0.160245	1.55793	1.55793	0.214024	0.679342	-1.47201	0.00340904	3.24175	3.24175	0.654452	1.14241	1.14241	3.0959	4.28218	1.22949	1
cg17533550	0.676257	1.07347	1.07347	0.0127489	1.68614	1.68614	0.844169	0.967322	-1.03378	0.891052	1.02341	1.02341	3.09588	1.39746	0.40124	1
cg15132055	0.344999	0.776519	-1.2878	0.891248	1.03622	1.03622	0.360052	1.27724	1.27724	0.610153	0.874836	-1.14307	3.09588	3.31582	0.952039	1
cg23430594	0.983166	1.01353	1.01353	0.259762	0.472977	-2.11427	0.0175501	6.30074	6.30074	0.153815	2.64445	2.64445	3.13802	17.9188	5.71021	1
cg09144422	0.624635	0.889975	-1.12363	0.00940575	0.459239	-2.17752	0.720588	1.0886	1.0886	0.828918	0.950135	-1.05248	3.09582	2.73938	0.786546	1
cg02741158	0.116084	1.20155	1.20155	0.513482	0.931234	-1.07384	0.0470912	1.27673	1.27673	0.0116675	1.40336	1.40336	3.09582	0.566751	0.162729	1
cg14022057	0.0449406	4.98233	4.98233	0.199633	2.57436	2.57436	0.0048346	13.5744	13.5744	0.0258154	6.34053	6.34053	3.09581	23.8758	6.85536	1
cg15160746	0.13364	1.39805	1.39805	0.0203251	1.78487	1.78487	0.0166959	1.83157	1.83157	0.816567	1.0493	1.0493	3.0958	2.10333	0.603922	1
cg02739346	0.766173	0.851843	-1.17393	0.0424933	0.28477	-3.51161	0.015754	4.90839	4.90839	0.286685	1.8128	1.8128	3.0958	14.175	4.07003	1
cg10819004	0.713384	0.938482	-1.06555	0.0125423	1.70642	1.70642	0.765469	0.949817	-1.05283	0.665618	0.927901	-1.0777	3.09579	1.45221	0.416971	1
cg02466321	0.699127	0.938603	-1.06541	0.0476019	0.690993	-1.44719	0.0740297	0.722657	-1.38378	0.604985	1.08886	1.08886	3.09577	1.30505	0.37472	1
cg12452542	0.453745	1.12464	1.12464	0.00459884	1.78703	1.78703	0.577959	1.09036	1.09036	0.223142	1.21777	1.21777	3.09575	1.16154	0.333514	1
cg13423075	0.0436441	9.63961	9.63961	0.24251	0.302742	-3.30314	0.00934471	25.0364	25.0364	0.144103	4.63183	4.63183	3.09575	46.7899	13.4349	1
cg12873941	0.829465	0.932821	-1.07202	0.231699	1.49843	1.49843	0.210133	0.653258	-1.53079	0.0803392	1.86901	1.86901	3.09573	5.09625	1.4633	1
cg19688772	0.904594	0.938995	-1.06497	0.025712	0.248891	-4.01782	0.103623	2.54554	2.54554	0.204331	0.495016	-2.02014	3.09573	13.5112	3.87953	1
cg10883064	0.885027	0.922217	-1.08434	0.00343273	9.24931	9.24931	0.0457681	3.60233	3.60233	0.146334	2.39324	2.39324	3.09573	15.3564	4.40934	1
cg13018725	0.00930554	0.495413	-2.01852	0.0237491	0.562931	-1.77642	0.433828	1.18532	1.18532	0.0578707	0.633508	-1.57851	3.09573	2.22202	0.638017	1
cg03163812	0.472458	0.656776	-1.52259	0.0229597	0.209098	-4.78244	0.896505	0.927868	-1.07774	0.609239	0.743356	-1.34525	3.09571	16.2258	4.65901	1
cg26004203	0.665545	0.702824	-1.42283	0.97374	0.973662	-1.02705	0.0154322	11.1331	11.1331	0.143541	3.57677	3.57677	3.09566	32.2358	9.25618	1
cg26040761	0.268143	1.26459	1.26459	0.173781	1.34247	1.34247	0.0151361	0.544766	-1.83565	0.38898	0.835537	-1.19684	3.09564	2.03079	0.583127	1
cg14218504	0.0262953	1.71135	1.71135	0.0203954	0.565604	-1.76802	0.168275	1.34899	1.34899	0.501262	0.870081	-1.14932	3.09558	2.03805	0.58522	1
cg24078695	0.328595	0.692835	-1.44334	0.0116945	0.317745	-3.14718	0.779315	0.90282	-1.10764	0.245656	0.642813	-1.55566	3.09548	6.49305	1.86452	1
cg10011091	0.671477	0.81713	-1.2238	0.0153954	0.244707	-4.08652	0.18253	1.95366	1.95366	0.0916043	0.415043	-2.40939	3.09547	10.9869	3.15499	1
cg00935993	0.950585	1.00687	1.00687	0.640344	0.949376	-1.05332	0.458103	1.08699	1.08699	0.204588	1.15927	1.15927	3.09542	0.597533	0.171589	1
cg24605023	0.689791	0.798997	-1.25157	0.0493926	0.285268	-3.50548	0.284223	0.536758	-1.86304	0.0784777	0.335153	-2.98371	3.09539	15.3358	4.40392	1
cg19801120	0.190181	1.89272	1.89272	0.487531	1.38313	1.38313	0.0208421	3.59303	3.59303	0.0583515	2.67429	2.67429	3.09538	10.3669	2.97701	1
cg26379258	0.579061	0.864158	-1.1572	0.0683969	0.587677	-1.70161	0.587452	0.866998	-1.15341	0.191166	1.43417	1.43417	3.09538	3.32775	0.955619	1
cg27395450	0.251559	0.821217	-1.21771	0.00503547	0.543344	-1.84045	0.901037	1.02067	1.02067	0.777376	1.04771	1.04771	3.09537	1.32552	0.380644	1
cg02795151	0.0486979	0.146698	-6.81675	0.0129937	0.0722413	-13.8425	0.0691592	0.176666	-5.66039	0.0553675	0.157012	-6.36892	3.09535	35.629	10.2315	1
cg01588592	0.264048	0.722201	-1.38466	0.121577	1.59871	1.59871	0.325293	1.32835	1.32835	0.662433	0.88444	-1.13066	3.09531	3.83111	1.10019	1
cg00300969	0.0615923	1.63219	1.63219	0.0142382	2.02089	2.02089	0.3207	1.26965	1.26965	0.281476	0.770705	-1.29751	3.0953	2.65417	0.762206	1
cg12539917	0.629821	1.08077	1.08077	0.652207	1.07526	1.07526	0.164132	1.26801	1.26801	0.44913	1.13129	1.13129	3.09529	1.25407	0.360137	1
cg22878084	0.355751	0.82062	-1.21859	0.934744	1.01719	1.01719	0.873243	0.967318	-1.03379	0.924701	0.980518	-1.01987	3.09529	2.12327	0.609749	1
cg11725101	0.0550278	0.683219	-1.46366	0.582678	1.10205	1.10205	0.336649	1.18942	1.18942	0.60728	1.09502	1.09502	3.09524	1.503	0.43163	1
cg22978477	0.399879	0.714151	-1.40026	0.718395	0.868084	-1.15196	0.171599	0.566337	-1.76573	0.428279	1.37153	1.37153	3.09522	7.48135	2.1485	1
cg02740893	0.371308	0.858739	-1.1645	0.00995096	1.71611	1.71611	0.940934	1.01237	1.01237	0.617626	0.919895	-1.08708	3.09522	1.34917	0.387455	1
cg04965389	0.0906894	0.604005	-1.65562	0.929012	0.976186	-1.0244	0.79728	1.07211	1.07211	0.154635	0.662263	-1.50997	3.0952	3.58678	1.03006	1
cg01566169	0.995082	1.00128	1.00128	0.230433	1.29827	1.29827	0.305029	0.802223	-1.24654	0.331354	0.812256	-1.23114	3.09515	2.1101	0.605994	1
cg07395751	0.970688	1.01111	1.01111	0.0648269	0.536115	-1.86527	0.140388	0.620754	-1.61094	0.930472	0.974107	-1.02658	3.09511	4.43024	1.27233	1
cg22705830	0.775594	1.05958	1.05958	0.9483	1.01322	1.01322	0.433525	1.17566	1.17566	0.402614	1.1894	1.1894	3.0951	2.00999	0.577253	1
cg26138500	0.111456	0.662502	-1.50943	0.0101851	2.1587	2.1587	0.529651	1.16325	1.16325	0.487172	0.845648	-1.18252	3.09505	2.76467	0.794004	1
cg26371345	0.453576	0.556765	-1.79609	0.0922463	0.241359	-4.1432	0.580121	1.53512	1.53512	0.113644	0.267041	-3.74474	3.09504	28.8403	8.28286	1
cg16127043	0.0863955	0.531238	-1.88239	0.486027	1.26664	1.26664	0.708888	1.13341	1.13341	0.796783	1.08999	1.08999	3.09501	5.46548	1.56969	1
cg01179818	0.645008	0.856007	-1.16821	0.0104648	2.94472	2.94472	0.392293	0.745483	-1.34141	0.958385	0.982664	-1.01764	3.09499	5.50578	1.58127	1
cg24812946	0.291875	0.825729	-1.21105	0.60522	1.0956	1.0956	0.19011	1.27504	1.27504	0.211631	1.25911	1.25911	3.09499	1.50279	0.431605	1
cg12522599	0.0411053	1.70698	1.70698	0.300578	1.27556	1.27556	0.00774129	2.17302	2.17302	0.656584	1.10687	1.10687	3.09494	2.52343	0.724749	1
cg21787249	0.429732	0.640859	-1.56041	0.295658	1.81961	1.81961	0.430554	0.641388	-1.55912	0.145462	0.421955	-2.36992	3.09493	14.9357	4.28964	1
cg15157974	0.0844338	0.607852	-1.64514	0.199779	0.702369	-1.42375	0.452606	1.22087	1.22087	0.0472193	0.553107	-1.80797	3.09491	3.33431	0.957647	1
cg06641342	0.182468	0.66248	-1.50948	0.162873	0.648229	-1.54266	0.148098	1.5707	1.5707	0.267425	1.39965	1.39965	3.09489	4.15137	1.19232	1
cg00035452	0.0589095	0.712027	-1.40444	0.0219735	1.54886	1.54886	0.142516	0.778036	-1.28529	0.481058	0.89223	-1.12079	3.09488	1.24253	0.356871	1
cg09718987	0.106951	0.16847	-5.93578	0.0206795	0.0596223	-16.7722	0.0407698	0.0916137	-10.9154	0.0430652	0.0948235	-10.5459	3.09487	50.2005	14.4183	1
cg07628705	0.801385	0.827225	-1.20886	0.00600522	14.9064	14.9064	0.0238481	7.60757	7.60757	0.107818	3.74518	3.74518	3.09484	27.7562	7.97205	1
cg15582719	0.249777	0.863319	-1.15832	0.070286	0.780957	-1.28048	0.136399	0.821949	-1.21662	0.304923	0.878256	-1.13862	3.09483	0.731849	0.210199	1
cg12179179	0.399743	0.879454	-1.13707	0.158071	0.798609	-1.25218	0.317025	1.16665	1.16665	0.00917183	1.6373	1.6373	3.0948	1.08836	0.3126	1
cg09528372	0.902537	1.02277	1.02277	0.358878	0.840785	-1.18936	0.632424	1.09262	1.09262	0.762361	0.945779	-1.05733	3.09476	1.65615	0.475686	1
cg06977257	0.294878	1.1994	1.1994	0.00138211	2.17322	2.17322	0.335704	1.18075	1.18075	0.879238	1.02577	1.02577	3.09475	1.37306	0.394376	1
cg08692100	0.00505645	0.281436	-3.55321	0.680399	0.867913	-1.15219	0.524247	1.24698	1.24698	0.046836	2.1778	2.1778	3.09474	5.73348	1.6468	1
cg04508532	0.77824	0.954398	-1.04778	0.156951	1.28436	1.28436	0.256002	1.21656	1.21656	0.0827693	1.37385	1.37385	3.09473	1.33959	0.384765	1
cg18289557	0.888389	0.96453	-1.03677	0.00915672	2.34251	2.34251	0.057726	0.575876	-1.73649	0.981344	0.994004	-1.00603	3.09472	3.24182	0.931142	1
cg18931685	0.242734	1.11373	1.11373	0.0177509	0.775681	-1.28919	0.307817	1.09747	1.09747	0.846193	0.983034	-1.01726	3.09471	0.380507	0.109292	1
cg18562243	0.0606153	6.39797	6.39797	0.0125959	15.2085	15.2085	0.0158337	13.3714	13.3714	0.0934931	5.04532	5.04532	3.0947	37.7266	10.8362	1
cg26372557	0.174142	0.74854	-1.33593	0.0582733	1.53528	1.53528	0.955576	0.988902	-1.01122	0.943241	0.985837	-1.01437	3.0947	1.96712	0.565014	1
cg20284682	0.014647	0.56755	-1.76196	0.723854	0.935329	-1.06914	0.689505	0.927105	-1.07863	0.0374066	0.634317	-1.5765	3.09468	1.74091	0.500044	1
cg06815887	0.51208	0.823371	-1.21452	0.0681404	0.550442	-1.81672	0.66458	1.136	1.136	0.187838	1.50371	1.50371	3.09466	4.18716	1.20269	1
cg25202943	0.0987087	1.36825	1.36825	0.00137761	2.23339	2.23339	0.100307	1.36585	1.36585	0.567024	1.10539	1.10539	3.09462	1.46974	0.422163	1
cg04862679	0.0436666	0.279713	-3.57509	0.00748816	0.150895	-6.62714	0.0540817	0.300886	-3.32352	0.266371	0.529317	-1.88923	3.09461	14.7901	4.24827	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T vs. N)	F(Error
cg22130262	MOS	0.0631802	0.319266	2.79475	2.79475	3.469772	0.48073	2.084503	0.919071	0.9004499	1.10681	0.3631185	2.54249	2.54249	0.0509863	3.119053	0.363004	2.54344	2.54344	0.2568122	0.326733	3.26017	0.017621	17.8732	0.0201978	16.3951	3.09611	48.8663	14.0363	1
cg06618497	C14orf72	0.0631824	0.0114677	0.511777	-1.95398	0.507847	1.15289	1.152889	0.0801645	0.662917	-1.50848	0.03341	0.590725	-1.69283	0.11513	0.695729	-1.43734	0.536998	1.14155	1.14155	0.0709526	0.652302	-1.53303	0.912262	0.9769928	-1.02362	0.0768066	0.659173	-1.51705	1.04957	1
cg01420001	SLC35F3	0.0631832	0.0119048	0.256532	-3.89815	0.319586	1.58485	1.584851	0.4744428	0.722033	-1.38498	0.150825	0.501911	-1.99239	0.0112727	0.241442	-4.14177	0.206984	0.551107	-1.81453	0.0468445	0.361033	-2.76983	0.133367	0.4843576	-2.06451	0.2656	0.594743	-1.61814	1.09455	9.824	2.821188	1
cg05280206	HCCA2;OLIG3P8	0.0631833	0.128908	2.05154	2.05154	0.2546372	3.19883	3.19883	0.1058161	0.76762	2.16762	0.572388	0.28379	3.28379	0.0956862	1.003257	1.002137	0.0449149	2.73994	2.73994	0.0630853	4.72843	4.72843	0.0441158	2.753181	2.753181	0.3416277	1.535811	1.535811	0.0949565	9.398886	2.699976	1
cg24576995	PTPN9;PTPN9;PTPRN2;PTPRN2;TMEM425;TMEM425;TMEM425;TMEM425	0.0631839	0.1533397	0.419205	-2.38547	0.00787991	0.143896	-6.94949	0.0289546	0.231214	-4.325	0.887885	0.922907	-1.08353	0.12504	0.390074	-2.56362	0.310045	0.550242	-1.81738	0.017994	0.19502	-5.12768	0.849054	1.11445	1.11445	0.119223	0.382275	-2.61592	0.94954	0.85519	4.55337	1
cg05230647	TMEM25;TMEM25	0.0631844	0.429677	0.80368	-1.24428	0.278611	0.73682	-1.35718	0.322633	1.31914	1.31914	0.864215	0.954657	-1.0475	0.706971	0.902684	-1.10781	0.732125	0.911056	-1.09763	0.0671956	0.573426	-1.74391	0.00425013	0.354412	-2.82158	0.0957188	1.64231	1.64231	1.64231	1.30953	3.60214	1.0347	1
cg02370113	C7orf25;C7orf25	0.0631848	0.349665	0.739498	-1.35227	0.0722165	0.533156	-1.87563	0.6163785	1.17027	1.17027	0.754994	1.1031	1.1031	0.0197426	0.4613718	-2.4171	0.432002	0.777728	-1.2855	0.00484019	0.309946	-3.22636	0.117521	0.586906	-1.70385	0.276412	0.701257	-1.42601	0.96452	4.81571	1.3833	1
cg01647632	HAPLN3	0.0631859	0.0192736	0.2300408	-4.34706	0.0258588	0.349039	-2.86501	0.6556694	0.219223	-4.56157	0.18061	0.478445	-2.09011	0.409587	0.645764	-1.54855	0.402897	0.645535	-1.55876	0.0179989	0.225285	-4.43883	0.074646	0.308963	-3.23664	0.0681236	0.346496	-2.88437	0.9945	13.1788	3.7856	1
cg03656886	TNXB	0.0631862	0.0784613	0.159137	-6.28388	0.268089	2.95865	2.95865	0.867333	1.17024	1.17024	0.118034	0.49297	-4.93297	0.0181522	0.0673721	-14.8429	0.0458172	0.116173	-8.60788	0.139095	0.2237793	-4.46841	0.7243329	0.716794	-1.3951	0.3771179	2.34455	2.34455	0.09449	43.3345	12.4478	1
cg03572759	YIPF1	0.0631862	0.342604	0.705546	-1.41726	0.0433502	0.132	-2.01652	0.3115061	1.33114	1.33114	0.31569	0.973096	-1.02743	0.0966599	0.9734	-1.02738	0.938267	1.06704	1.06704	0.8345154	0.915309	-1.31825	0.0018555	0.4844558	-1.18461	0.5126858	1.06196	1.06196	0.7449449	0.401678	0.115382	1
cg16393715	MAD1L1;MAD1L1;MAD1L1	0.0631881	0.798107	1.11573	1.11573	0.547985	0.771266	-1.29657	0.352908	0.664732	-1.50437	0.182929	0.199935	1.99935	0.0266397	0.325502	-3.072	0.224154	0.579528	-1.72554	0.0112434	0.257483	-3.88372	0.2923	0.59485	-1.59488	0.126108	0.493099	-2.02799	0.94646	8.94405	2.56946	1
cg12935585	MYT1L	0.0631888	0.105557	0.469586	-2.22323	0.8832264	0.934701	-1.06986	0.9190804	0.954799	-1.04737	0.0909405	0.424919	-2.35339	0.0021157	0.137146	-7.29151	0.323567	0.625878	-1.59776	0.150916	0.492098	-2.02878	0.0699097	0.394007	-2.53683	0.1873077	0.536268	-1.90089	0.19444	10.3526	2.97383	1
cg15911948	INPP5A	0.0631915	0.203196	0.672794	-1.48704	0.00496061	0.333675	-3.00004	0.086393	0.286657	0.721479	-1.38604	0.4944039	1.14715	1.14715	0.0333697	3.480172	-2.08259	0.379214	0.76631	-1.30495	0.6708077	1.1345	1.1345	0.387404	0.7699576	-1.29874	0.0284981	0.4654422	-2.14398	0.14939	4.26636	1.32555	1
cg01227445	RPL13P5	0.0631937	0.169108	0.710871	-1.40673	0.170435	0.711721	-1.40504	0.0775328	0.633145	-1.57942	0.450596	0.836051	-1.1961	0.0731653	1.57842	0.575069	1.73674	0.046372	1.701551	1.70155	0.225447	0.343579	-2.91121	0.0225725	1.34351	0.343511	0.472428	1.1856	1.1856	0.39435	2.655920	0.763914	1
cg16083202	SND1	0.0631956	0.00388338	0.195065	-5.12651	0.545021	0.773261	-1.29322	0.905523	0.951517	1.05117	0.284207	0.625518	-1.59612	0.785081	1.12175	1.12175	0.136718	0.509792	-1.96159	0.12174	0.22395	-4.46577	0.07605	0.838095	-1.19318	0.0616319	0.412811	-2.42242	0.39431	8.65687	2.48682	1
cg10481400	CTCF	0.0631957	0.6906621	1.04624	1.04624	0.601298	1.06139	1.06139	0.417935	1.09806	1.09806	0.93418	1.00938	1.00938	0.0115776	1.4287	1.4287	0.200365	1.16525	1.16525	0.0171176	0.720068	-1.38876	0.278129	0.880338	-1.13593	0.226118	1.15447	1.15447	0.39431	0.625887	0.179796	1
cg02598656	EEF1G	0.0631969	0.991174	1.02265	1.02265	0.938557	1.02019	1.02019	0.67199	1.16575	1.16575	0.588775	1.15202	1.15202	0.0201894	1.352119	-2.83995	0.803874	0.937532	-1.06664	0.706497	1.10306	1.10306	0.162804	0.679634	-1.47138	0.0252783	0.501747	-1.99303	0.9429	3.29443	0.946385	1
cg10222254	LMF1	0.0631978	0.1508318	0.780231	-1.28148	0.795808	0.975903	-1.02469	0.4081396	0.682819	-1.46452	0.338013	0.648381	-1.5423	0.0059904	0.137903	-7.25098	0.899008	1.05894	1.05894	0.5588882	1.30549	1.30549	0.1124453	0.45871	-2.18003	0.94298	0.96768	2.8634	1
cg18721212	ZFP14	0.0631972	0.2166223	0.773204	-1.29332	0.1115545	0.709718	-1.40901	0.00861027	0.5154402	-1.94023	0.935163	1.01623	1.01623	0.858948	1.03582	1.03582	0.459612	1.16062	1.16062	0.0295698	1.66	1.66	0.549566	0.88711	-1.12726	0.2858399	0.803087	-1.24519	0.94228	1.91806	0.550998	1
cg14375499	ALOX12	0.0631977	0.2707651	1.59357	1.59357	0.1012742	0.4139	-2.41636	0.4933526	0.5518275	2.41817	0.146862	0.1992431	1.99243	0.3262441	1.509969	-1.50609	0.0709727	2.26099	2.26099	0.0136784	3.45289	3.45289	0.0155284	1.686919	1.686919	0.0480426	1.06062	1.06062	0.109427	8.05346	2.325	1
cg26907313	ATP6V1B1	0.0631982	0.258343	0.658331	-1.51899	0.53464	1.2296	1.2296	0.122809	0.5577215	-1.79246	0.804656	0.921779	-1.08486	0.1309545	0.585059	-1.70923	0.163598	0.613528	-1.62992	0.736513	1.11739	1.11739	0.0109222	0.236331	-4.23136	0.592638	0.837356	-1.19424	0.94626	5.29427	1.52089	1
cg26573053	PHF1;PHF1;PHF1;PHF1;PHF1	0.0631983	0.0164636	0.346749	-2.88534	0.1248855	0.809031	1.236455	0.3478	0.7236455	-1.38235	0.12546	0.0421161	2.37437	0.0648728	0.1544	-6.47557	0.0406674	0.551028	-1.81479	0.0218412	0.170508	0.5283	-1.89286	0.0437568	0.26209	-3.81578	0.0159717	0.0849033	-11.7533	0.0426358	0.0870533	0.2397	1
cg05192533	SEMA4C	0.0631998	0.796642	-1.964997	-1.03627	0.97602	0.995861	-1.00416	0.571417	1.08211	1.08211	0.0791642	0.764204	-1.30855	0.0062113	0.611255	-1.63598	?	?	?	0.0849833	1.30056	1.30056	0.350281	1.14185	1.14185	0.649252	0.938779	-1.06521	1.13638	0.840554	0.268002	1
cg26238655	PDC1	0.0632006	0.386502	0.892121	-1.12093	0.115302	1.24629	1.246229	0.048178	1.33694	1.33694	0.709494	0.778537	-1.28446	0.170445	0.757442	0.960946	-1.04064	0.272569	1.15818	1.15818	0.03844	0.734609	-1.36127	0.0942751	1.26687	1.26687	0.42051	1.11163	1.11163	0.94021	0.810377	0.232801	1
cg08331080	FBXO40	0.0632019	0.1411561	2.314694	2.17709	0.2403148	0.958747	-1.04325	0.8425126	0.8204748	2.448443	-1.40258	0.1545662	1.88177	1.88177	0.7618382	0.17235	0.070736	0.2942885	1.72677	1.72677	0.0126126	0.4078834	2.45044	0.0080055	0.1830579	5.46357	0.0244168	0.1968823	0.36908	2.709882	0.95619	26.1547	7.53364	1
cg16883145	B9D2;TGFB1	0.0632036	0.0802042	0.593312	-1.68545	0.415208	0.799317	-1.25107	0.190313	0.6886634	-1.45215	0.682449	0.116599	1.16599	0.0073553	0.394883	-2.53239	0.300478	1.33453	1.33453	0.0211476	0.474447	-2.10772	0.128211	0.642565	-1.55626	0.7150511	0.906075	-1.10366	0.94616	3.54509	1.01841	1
cg20748131	SFTPA2	0.0632048	0.284936	0.772426	-1.29396	0.4458634	0.82995	-1.20489	0.6419201	0.7828884	-1.27715	0.4467	0.5335025	-1.87358	0.1393434	0.7188083	-1.39102	0.700791	0.913326	-1.0949	0.3705362	0.805642	-1.24125	0.0778098	0.5245	-1.90641	0.1533711	0.10104	0.9594058	-1.04213	0.54853	2.70007	0.779256	1
cg23163993	DNM2;DNM2;DNM2;DNM2	0.0632076	0.994519	0.998885	-1.00112	0.1348911	1.6431	1.6431	0.0117498	1.66702	1.66702	0.728631	1.05818	1.05818	0.0148114	1.19452	-1.14952	0.952657	1.00969	1.00969	0.115461	0.77007	-1.29858	0.338687	0.852029	-1.17367	0.1757	1.26338	1.26338	0.94008	1.29197	0.371165	1
cg23054379	RFWD2;RFWD2;RFWD2;RFWD2	0.0632091	0.373944	0.831728	-1.20232	0.00299082	2.27526	2.27526	0.18381	1.32931	1.32931	0.543411	0.883228	-1.13221	0.2369591	1.28421	1.28421	0.755602	0.938911	-1.06506	0.487556	0.867286	-1.15302	0.195731	0.75864	-1.31815	0.7490779	0.937268	-1.06693	0.94005	1.99717	0.573768	1
cg24814540	DDZ;EIF2	0.0632103	0.0406304	0.7644	-1.30851	0.0481276	1.27176	1.27176	0.0442427	0.5515256	2.84648	0.801867	0.8494222	1.17692	0.1178172	0.8494222	-1.17692	0.115679	1.98554	1.98554	0.0130266	8.64225	8.64225	0.0134127	1.31151	1.31151	0.1883574	1.83707	0.911927	1.80253	0.8021353	0.911394	2.914497	2.56123	1
cg14789804	C59;C59;C59;C59	0.0632125	0.674862	0.949742	-1.05292	0.3511331	1.34989	1.34989	0.0188608	1.41575	1.41575	0.204272	0.848962	-1.17791	0.559348	0.930384	1.07482	0.153805	0.829749	-1.20518	0.0557607	0.767282	-1.3033	0.803193	0.969941	-1.03099	0.827478	1.02704	1.02704	0.93998	0.732018	0.210306	1
cg25450482	PDCD1	0.0632131	0.0293102	0.5561	-1.79824	0.1283555	0.809031	1.236455	0.3478	0.7236455	-1.38235	0.12546	0.0421161	2.37437	0.0648728	0.1544	-6.47557	0.0406674	0.551028	-1.81479	0.0218412	0.170508	0.5283	-1.89286	0.0437568	0.26209	-3.81578	0.0159717	0.0849033	-11.7533	0.0426358	0.0870533	0.2397	1
cg18700420	IL6ST;IL6ST	0.0632142	0.0970099	0.462622	-2.16519	0.0319175	0.345084	-2.89785	0.0437047	0.3748515	-2.66773	0.515731	0.756619	-1.32167	0.0803979	0.440105	-2.27218	0.558595	1.28445	1.28445	0.0195452	0.302942	-3.30096	0.785617	0.891024	-1.1223	0.0212683	1.309861	1.32726	0.93995	0.77583	2.52129	1
cg22008490	PTPN7;PTPN7	0.0632142	0.799737	0.913708	-1.0733	0.311282	1.33143	1.33143	0.090895	0.5955561	-1.67909	0.211122	0.69308	-1.44283	0.400635	0.7872102	-1.27048	0.116222	1.60804	1.60804	0.0105744	2.4469	2.4469	0.99055	0.99671	-1.0033	0.102999	0.608759	-1.64269	0.93995	3.79417	1.09006	1
cg08866991	HINBP3	0.0632144	0.9958827	1.00161	1.00161	0.9882284	1.41723	-1.41723	0.3014618	0.9276	0.9276	0.759974	1.33996	1.33996	0.0013384	1.399	-1.39996	0.667954	1.50062	1.50062	0.1467903	0.66609	0.66609	0.671143	0.749318	1.49318	0.208832	1.4683	1.3481	0.99095	4.8384	1.24056	1
cg25008524	KIF25;KIF25	0.0632149	0.625447	0.858539	-1.16477	0.00685173	0.337669	-2.96148	0.03525	0.467535	-2.13888	0.271759	0.701388	-1.42574	0.0652458	0.526415	-1.89964	0.0219759	0.426585	-2.3442	0.743856	1.107	1.107	0.7727	0.914155	-1.09391	0.141289	0.612347	-1.63306	0.93994	4.70998	1.35318	1
cg07816556	HIST1H1A;HIST1H1A	0.0632156	0.102344	0.7256	-1.37814	0.1387538	0.5332	-1.59332	0.303051	0.3168	-3.15621	0.0442	0.2818	-3.5479	0.0132016	0.34145	-2.92795	0.153405	0.7238	-1.38168	0.0626884	0.1113	-8.98687	0.0059258	0.0997287	0.1126069	4.98687	0.0059258	0.0997287	0.1126069	4.98687	0.0059258	0.0997287	0.1126069	4.98687	1.1117
cg14644204	PITPNM2	0.0632163	0.189918	0.486256	-2.05653	0.586281	0.329756	-3.03254	0.0150837	0.212019	-4.71657	0.030124	0.2484443	-4.02508	0.0139872	0.388159	-2.57503	0.929676	1.04691	1.04691	0.504553	1.42146	1.42146	0.030334	0.955417	1.04666	0.2506548	0.256157	3.90385	0.03991	13.216	3.797	1
cg00794906	SYNPO2;SYNPO2;SYNPO2	0.0632168	0.128961	1.50721	1.50721	0.0373276	0.546459	-1.82996	0.415324	1.22022	1.22022	0.590719	1.1454	1.1454	0.342874	1.27679	1.27679	0.492604	1.19037	1.19037	0.0113992	2.2077	2.2077	0.0421062	1.79602	1.79602	0.2200054	1.3805	1.3805	0.9399	3.06393	0.880278	1
cg04606981	SNAI-C3	0.0632175	0.0047682	0.4714394	-2.12107	0.2188009	0.605311	-1.65142	0.2327388	0.8364566	-1.19551	0.7238	0.4364566	-2.29155	0.0035145	0.2282614	-4.38139	0.0130697	0.4867	0.4867	0.0059268	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	0.1113976	1
cg24390106	MGC45800	0.0632181	0.230345	1.15484	1.15484	0.662643	0.951019	-1.0515	0.0119518	0.143162	-1.43162	0.208581	0.89268	-1.12035	0.0150383	0.775551	-1.28941	0.907012	1.03146	1.03146	0.8628468	0.787064	-1.27054	0.991801	0.998838	-1.00116	0.365405	1.11226	1.11226	0.93998	0.641327	0.184257	1
cg16993249	CDMN04	0.0632183	0.1281581	1.7272	1.7272	0.0885	0.5	-2.00002	0.2000078	0.6666667	1.50002	0.09712	0.6666667	-1.50002	0.0097712	0.6666667	-1.50002	0.1156842	0.42651	0.859864	0.197121	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	0.156842	1
cg02423579	GNA12	0.0632185	0.217349	0.340531	-2.93659	0.196152	0.321586	-3.10959	0.995427	1.00477	1.00477	0.248086	0.72432	2.72432	0.0126742	0.0764038	-13.0883	0.293708	0.404933	-2.46954	0.0554837	0.165052	-6.0587	0.0522031	6.25208	6.25208	0.7867811	0.798486	-1.25237	0.93987	33.7573	9.69869	1
cg15703121	UAS1	0.0632189	0.510177	0.704638	-1.41972	0.0200528	0.729295	-1.37118	0.2545263	0.8532585	-1.17208	0.3837	0.8532585	-1.17208	0.0017697	1.1129376	0.0109123	0.2038224	0.490624	0.490624	0.0492317	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	0.2038224	1
cg26126010	DENND5A	0.0632227	0.0059656	0.2871154	-3.48245	0.1616	0.732718	-1.36478	0.5336343	0.7327218	-1.36478	0.533634	0.7327218	-1.36478	0.0133641	0.7327218	-1.36478	0.1284866	0.400619	-2.49611	0.0206639	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	0.1446483	1
cg06833798	PPP1R2	0.0632208	0.0852728	1.28084	1.28084	0.646767	1.06187	1.06187	0.0859383	0.7812236	-1.28002	0.427186	0.8899002	-1.11123	0.0655331	0.7642218	-1.30853	0.544242	0.923255	-1.08312	0.065993	1.30779	1.30779	0.0287815	1.39861	1.39861	0.8894551	0.982069	-1.01826	0.93982	0.8293119	0.238272	1
cg04832908	HES2	0.0632263	0.858376	1.04214	1.04214	0.291382	1.28446	1.28446	0.0418263	1.3405	1.3405	0.205653	1.04643	1.303341	0.7819663	-1.27223	0.6648404	0.906161	-1.10355	0.0865661	0.3673464	1.31151	1.31151	0.1885541	1.183707	0.191927	1.80253	0.8021353	0.911394	2.914497	2.56123	1
cg26780231	PRKCA	0.0632321	0.115892	1.33873	1.33873	0.112184	0.744346	-1.34346	0.285676	0.827546	-1.20839	0.514252	0.946018	-1.06018	0.229423	1.24022	1.24022	0.153805	0.829749	-1.20518	0.0557607	0.767282	-1.3033	0.803193	0.969941	-1.03099	0.827478	1.02704	1.02704	0.93998	0.732018	0.210306	1
cg11988019	PSMB2	0.0632211	0.0562702	0.556158	-1.62743	0.0604487	0.389493	-2.56744	0.670807	0.902991	-1.10773	0.902903	0.971219	-1.02953	0.3752662	0.80433	-1.24327	0.0538645	0.932299	-1.06854	0.5396923	1.16021	1.16021	0.0923885	0.641981	-1.55768	0.1445152	0.887289	-1.45499	0.93982	2.60544	0.8060234	1
cg19912337	KLK11;KLK11;KLK11;KLK11	0.0632222	0.111153	1.42027	1.42027	0.507802	1.14549	1.14549	0.0956951	1.04553	1.04553	0.0858125	0.588437	-1.69942	0.532968	0.880147	-1.13617	0.370164	1.20448	1.20448	0.0372744	1.34757	1.34757	0.1445117	1.172026	0.1013907	1.8484	0.8484	0.93938	2.00264	0.5753385	1
cg04694239	KNTC1	0.0632226	0.0856298	0.711167	-1.40614	0.061513	0.685133	-1.45919	0.0962091	0.7210841	-1.3868	0.23875	0.801315	-1.24795	0.0056092	0.5213382	-1.91798	0.022728	0.613120	-1.63098	0.0625089	0.686542	-1.45657	0.654583	0.922387	-1.08414	0.133649	0.748093	-1.33673	0.93979	1.57703	0.453103	1
cg20887355	BAT2	0.0632231	0.6549376	1.06	1.06	0.4647	0.974741	-1.02583	0.8663252	0.9174651	-1.09012	0.832692	1.02237	1.02237	0.6454949	1.0459	-1.04592	0.8716242	0.912364	1.09578	0.3737152	0.648901	-1.54099	0.2524046	0.9348	-1.06983	0.1382557	0.7054442	-1.41762	0.93979	1.58345	0.7054442	-1.41762	0.93979	1.58345	0.7054442	1
cg17321883	AMIGO3;RNF123	0.0632235	0.0501555	0.0899839	-11.1131	0.183225	0.58509	-1.58509	0.165173	0.93547	0.93547	0.0386602	13.2299	13.2299	0.832732	0.796072	-1.25617	0.777291	0.736537	-1.35771	0.107869	6.63211	6.63211	0.0176811	22.4552	22.4552	0.98351	1.02254	1.02254	0.93977	56.9783	16.3707	1
cg09235208	HNRNPC;LLOC649330	0.0632241	0.577803	0.457233	-2.18707	0.2679757	0.633074	-1.5796	0.3152529	0.8098214	-1.23492	0.1453119	0.6483722	1.4108695	-2.4943	0.0192313	5.2326106	-3.06649	0.116005	0.508705	-1.96578	0.0907158	0.4807538	2.08021	-2.05515	0.0878246	0.4724536	-2.11732	0.0279759	0.357958	-2.79345	0.93976	7.6701	2.20375	1
cg18388380	RGS7BP	0.0632243	0.817562	0.958396	-1.04341	0.256526	0.804289	-1.24333	0.777177	0.94916	-1.05356	0.354274	0.839237	-1.19156	0.0167349	0.584462	-1.71098	0.343558	0.863633	-1.1957	0.0047078	0.501238	-1.99506	0.238815	0.25468	-3.92648	0.687014	1.07733	1.07733	0.93976	1.65711	0.476117	1
cg26601289	ZNF669;ZNF669;ZNF669;ZNF669	0.0632247	0.0114903	0.631512	-1.5835	0.118742	0.761783	-1.27913	0.746577	1.04826	1.04826	0.0347527	0.699229	-1.43015	0.140843	0.79432	-1.25894	0.0782227	0.752445	-1.329	0.0166864	0.660762	-1.5134	0.692448	0.943846	-1.0595	0.8017559	1.03725	1.03725	0.93975	1.03548	0.297513	1
cg06635375	TMEM79B	0.0632265	?	?	?	?	1.30786	1.30786	0.643772	1.0828	-1.191	0.2841417	0.6070375	0.6224252	-1.60619	0.1788083	-1.191	0.2841417	2.23665	2.23665	0.0106624	0.4473738	-2.23503	0.0195316	0.3673464	-2.72201	0.0370554	0.5577142	-1.79277	0.93975	1.21227	0.401885	1
cg03070236	ACD	0.0632266	0.222871	3.52768	3.52768	0.759232	0.738923	-1.35332	0.00610359	0.0295135	-33.8328	0.658761	0.54871	-1.54871	0.127426	2.76652	2.76652	0.156841	0.43916	0.43916	0.327578	0.360852	-2.70378	0.0926283	0.61831	0.18301	0.273434	0.70922	3.07022	0.93971	47.4627	13.637	1
cg24291118	UTP14A;UTP14A	0.0632268	0.7182668	1.07339	1.07339	0.4647	0.958873	-1.0583	0.6210865	0.9087	-1.09996	0.7703754	1.02103	1.02103	0.0016268	1.316368	-2.3499	0.589756	1.0155	1.0155	0.9064	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	0.9844	1
cg22548105	CTBP2;CTBP2	0.0632275	0.0109477	0.422817	-2.36468	0.0912722	0.605757	-1.65083	0.187999	0.6865911	-1.45647	0.038876	0.524908	-1.90509	0.0212574	0.474128	2.10913	0.199238	0.693792	-1.44135	0.0696816	0.578806	-1.72769	0.0282269	0.497431	-2.01033	0.211788	0.701506	-1.42551	0.93969	3.55934	1.02268	1
cg08931515	GCM1	0.0632276	0.0761111	0.413768	-2.28489	0.728751	0.864357	-1.15693	0.127166	0.501223	-1.99512	0.0133803	0.277283	-3.60643	0.0193837	0.368648	-2.71261	0.269981	0.618193	-1.61762	0.0863641	0.246073

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg16496847	CUTA;CUTA;CUTA;CUTA;CUTA	0.0633039	0.648663	1.10215	1.10215	0.0460753	1.62367	1.62367	0.576656	1.12704	1.12704
cg12112151	KLC1;KLC1	0.0633041	0.895385	1.05391	1.05391	0.0087079	3.79673	3.79673	0.143104	1.87399	1.87399
cg14078053	IRS1	0.0633047	0.382875	0.743995	-1.3441	0.0200972	2.52624	2.52624	0.234433	1.50967	1.50967
cg02367144	ASB18	0.0633057	0.127437	8.56649	8.56649	0.391824	3.13685	3.13685	0.0910446	11.309	11.309
cg15423315	LOC100188947	0.0633058	0.297805	0.527613	-1.89533	0.427222	1.61645	1.61645	0.201011	0.449313	-2.22562
cg26686009	C10orf25;ZNF22	0.0633061	0.33139	0.556007	-1.79854	0.0973444	0.344526	-2.90254	0.820544	0.875395	-1.14234
cg20454518	FBRSL1	0.0633142	0.0304475	0.15322	-6.52657	0.617538	0.68985	-1.44959	0.558086	1.5478	1.5478
cg13868466	SLC19A2;SLC19A2	0.063316	?	?	?	0.329276	1.99758	1.99758	0.436321	1.72592	1.72592
cg03211239	RASSF8;RASSF8	0.0633165	0.831805	0.936412	-1.06791	0.342952	1.3523	1.3523	0.0672464	0.530717	-1.88424
cg00090609	PRDM4	0.063317	0.693672	0.912542	-1.09584	0.040756	0.579217	-1.72647	0.13402	1.45296	1.45296
cg05012697	NTRK3;NTRK3;NTRK3	0.0633178	0.0655569	0.43427	-2.30271	0.0172495	0.310106	-3.2247	0.747157	1.13945	1.13945
cg25503524	DNAH11	0.0633194	0.0080194	0.607147	-1.64705	0.0401473	1.41666	1.41666	0.576527	1.0864	1.0864
cg10902139	POR;SNORA14A	0.0633195	0.878096	0.972172	-1.02862	0.0432907	0.652196	-1.53328	0.259759	1.2413	1.2413
cg03479942	SNTB2	0.0633199	0.0797372	0.486943	-2.05363	0.00270738	0.215845	-4.63295	0.233619	0.629947	-1.58744
cg02052410	USP31	0.0633209	0.110265	0.584279	-1.71151	0.490884	0.805701	-1.24115	0.174838	0.640472	-1.56135
cg06120945	MT3	0.0633214	0.331211	1.4318	1.4318	0.246829	1.54273	1.54273	0.00325423	4.20609	4.20609
cg15836635	MOS	0.0633215	0.888507	0.778157	-1.28509	0.716377	0.520786	-1.92018	?	?	?
cg22650178	TEX14;TEX14	0.0633223	0.504867	0.920689	-1.08614	0.0367258	0.743531	-1.34493	0.010564	0.675182	-1.48108
cg10822418	RAB2A	0.063323	0.309843	1.26819	1.26819	0.680983	0.910775	-1.09797	0.0746652	0.63832	-1.56661
cg07770360	SEC14L5	0.063323	0.741343	0.831435	-1.20274	0.589022	1.35524	1.35524	0.134449	0.406789	-2.45827
cg27326882	AFAP1;AFAP1	0.0633232	0.0875681	0.741463	-1.34868	0.729169	1.05668	1.05668	0.483511	0.893198	-1.11957
cg06180061	C16orf91	0.0633238	0.352656	0.825438	-1.21148	0.226231	0.775011	-1.2903	0.0242949	0.583604	-1.71349
cg25547957	KHDC1;KHDC1	0.0633242	0.0406351	1.46318	1.46318	0.984525	0.996882	-1.00313	0.00792611	0.577963	-1.73022
cg12550731	C1orf21	0.0633243	0.0583263	0.434367	-2.3022	0.415233	0.722828	-1.38346	0.169341	1.76943	1.76943
cg07884487	MITF	0.0633245	0.723567	1.09028	1.09028	0.913331	0.97385	-1.02685	0.871726	1.04011	1.04011
cg20610031	WHSC1;WHSC1;WHSC1;WHSC1;WHSC1	0.0633246	0.670038	0.922024	-1.08457	0.277833	1.23831	1.23831	0.482897	1.14462	1.14462
cg18528640	MSTO1	0.0633257	0.252186	0.842695	-1.18667	0.175775	0.813847	-1.22873	0.985232	0.997355	-1.00265
cg04587910	NHEJ1	0.0633269	0.141236	2.25972	2.25972	0.219048	1.94648	1.94648	0.360845	0.616306	-1.62257
cg14047844	FLJ42709;FLJ42709	0.0633307	0.0141282	1.48883	1.48883	0.364634	1.13023	1.13023	0.0115128	1.51487	1.51487
cg17656040	LOC100271836	0.0633309	0.00602709	0.654532	-1.52781	0.725527	0.959217	-1.04252	0.714196	1.04441	1.04441
cg10229899	AGBL4	0.063331	0.404778	1.09527	1.09527	0.589966	0.943575	-1.0598	0.920098	0.989346	-1.01077
cg26951839	LHFPL2	0.0633315	0.109559	0.5528	-1.80897	0.0272173	0.411464	-2.43035	0.842312	1.07002	1.07002
cg27228168	IRX3	0.0633316	0.306013	0.882217	-1.13351	0.0345973	0.747264	-1.33821	0.0241581	0.727691	-1.37421
cg01360768	TSG101	0.0633337	0.209412	1.20546	1.20546	0.717605	0.949995	-1.05264	0.745917	1.04699	1.04699
cg11716884	UHRF1;UHRF1	0.0633337	0.387251	0.846049	-1.18196	0.11942	1.37542	1.37542	0.720024	0.93436	-1.07025
cg08136070	ANKRD33;ANKRD33	0.0633342	0.206708	1.20838	1.20838	0.312658	0.862048	-1.16003	0.170951	0.812843	-1.23025
cg20845466	EIF3E	0.0633405	0.247897	0.652865	-1.53171	0.00320005	0.241605	-4.13899	0.352944	0.713644	-1.40126
cg07493499	ABR;ABR;ABR	0.0633414	0.180713	1.89398	1.89398	0.315829	1.59367	1.59367	0.847406	1.09043	1.09043
cg01838596	CDYL;CDYL;CDYL	0.0633416	0.0943727	0.349258	-2.86322	0.924958	0.947531	-1.05537	0.165787	0.429332	-2.3292
cg12689608	SSTR5;LOC146336;SSTR5	0.0633421	0.473991	1.14562	1.14562	0.0301531	1.60959	1.60959	0.0253034	1.6429	1.6429
cg11806199	ATG4B;ATG4B	0.0633432	0.714148	1.05089	1.05089	0.049338	1.35349	1.35349	0.953458	0.992156	-1.00791
cg13393721	MPL	0.0633444	0.200584	1.50006	1.50006	0.0258106	2.21211	2.21211	0.0191531	2.34033	2.34033
cg11159519	KCNH1;KCNH1	0.0633453	0.0472755	1.43251	1.43251	0.0151456	1.60404	1.60404	0.371433	1.15641	1.15641
cg18810983	C3orf59	0.0633454	0.67152	1.11885	1.11885	0.467958	0.823302	-1.21462	0.191674	0.694955	-1.43894
cg23008153	RNF180;RNF180	0.0633456	0.942521	0.983402	-1.01688	0.118752	0.674989	-1.48151	0.0928543	1.53602	1.53602
cg07375978	FIGNL2	0.0633457	0.417855	1.36716	1.36716	0.518606	1.28043	1.28043	0.0635057	0.454672	-2.19939
cg17418708	RAPH1;RAPH1	0.0633469	0.879452	0.97909	-1.02136	0.997653	1.00041	1.00041	0.386089	1.1317	1.1317
cg11097717	C2orf88;C2orf88;C2orf88;C2orf88;C2orf88	0.0633473	0.738568	0.974	-1.02669	0.00596468	1.32677	1.32677	0.0911675	1.15759	1.15759
cg22823821	MIR377	0.0633508	0.0366605	0.276333	-3.61883	0.00805139	0.165583	-6.03927	0.0312187	0.262063	-3.81588
cg07826777	HIST1H2BD;HIST1H2BD;HIST1H1E	0.0633525	0.00519545	0.694478	-1.43993	0.696735	0.962026	-1.03947	0.517452	1.06702	1.06702
cg20846728	MYT1L	0.0633528	0.114311	0.690597	-1.44802	0.528729	0.871488	-1.14746	0.146625	0.714772	-1.39905
cg11876574	ONECUT3	0.0633534	0.15196	0.762706	-1.31112	0.0505509	0.674846	-1.48182	0.694109	1.07225	1.07225
cg04914290	FAM38A	0.0633535	0.0617114	0.500304	-1.99879	0.290646	1.43463	1.43463	0.136403	0.58973	-1.69569
cg01434618	C1orf25;C1orf26;C1orf26;C1orf26	0.0633548	0.155387	0.687595	-1.45435	0.956739	0.986724	-1.01345	0.0899426	1.58483	1.58483
cg17465920	SERINC3;SERINC3	0.063357	0.73416	0.934676	-1.06989	0.49187	0.870788	-1.14838	0.0413322	1.59424	1.59424
cg16941302	ONECUT2	0.0633579	0.33887	0.598769	-1.67009	0.0162528	0.216745	-4.61371	0.0416579	0.294707	-3.3932
cg26815414	C13orf35	0.0633601	0.97511	1.01806	1.01806	0.0400264	0.256346	-3.90098	0.144103	0.406545	-2.45975
cg01673994	MMP16;MMP16	0.0633606	0.381131	1.13636	1.13636	0.485994	1.10598	1.10598	0.0981188	1.29456	1.29456
cg26878709	TMEM136	0.063362	0.0710061	0.336561	-2.97123	0.308906	1.76573	1.76573	0.375222	1.63455	1.63455
cg15513743	TBX15	0.0633655	0.0480296	5.31627	5.31627	0.112226	3.59103	3.59103	0.0258062	7.07688	7.07688
cg07752095	INTU	0.0633669	0.367966	0.684684	-1.46053	0.327743	0.661125	-1.51257	0.350317	1.48258	1.48258
cg18069568	ATP5A1;HAUS1;HAUS1	0.0633671	0.129546	0.581324	-1.72021	0.0747123	1.93002	1.93002	0.774363	1.09988	1.09988
cg16596691	SNRPA	0.0633679	0.0205793	0.137339	-7.28125	0.0634765	0.226441	-4.41616	0.0598945	0.220693	-4.53117
cg09385667	PDZRN3	0.0633693	0.106048	0.44023	-2.27154	0.447656	1.4329	1.4329	0.321034	1.61048	1.61048
cg18209835	GRID2IP	0.0633698	0.914927	1.15928	1.15928	0.213488	0.16334	-6.12219	0.358345	3.69301	3.69301
cg03962463	SLC16A4	0.0633704	0.355626	0.697671	-1.43334	0.0167616	0.33085	-3.02252	0.0031348	0.216485	-4.61926
cg23117447	RPS10	0.0633711	0.311709	1.27901	1.27901	0.00486474	0.415682	-2.40568	0.728638	0.921369	-1.08534
cg05559960	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0633711	0.277918	0.673538	-1.4847	0.308239	1.44688	1.44688	0.352263	1.39835	1.39835
cg00123512	TBX6	0.0633718	0.933604	1.01094	1.01094	0.0187537	1.4503	1.4503	0.679322	0.947184	-1.05576
cg13054686	SDCCAG8;CEP170;CEP170;CEP170	0.0633728	0.3085	0.799448	-1.25086	0.0300426	1.71931	1.71931	0.0425035	1.64224	1.64224
cg20621463	ADAM9;TM2D2;ADAM9;TM2D2;ADAM9;ADAM9;TM2D2;TM2D2	0.0633737	0.145916	3.48177	3.48177	0.389944	0.497122	-2.01158	0.721185	0.753207	-1.32766
cg08506303	ITGA8	0.0633738	0.905582	0.984029	-1.01623	0.935665	1.01101	1.01101	0.0543501	0.74361	-1.34479
cg07470570	AUTS2;AUTS2	0.0633755	0.610992	1.17734	1.17734	0.0244113	2.34787	2.34787	0.0385839	2.14375	2.14375
cg06140698	EEFSEC	0.0633761	0.0191244	0.549691	-1.8192	0.0852136	1.49417	1.49417	0.0539105	0.630156	-1.58691
cg14195974	C9orf119;GOLGA2	0.0633767	0.575374	1.26031	1.26031	0.00516718	0.221053	-4.5238	0.529992	0.770992	-1.29703
cg18064152	TNFRSF10A	0.063377	0.0481003	5.51535	5.51535	0.0225437	7.88415	7.88415	0.0920105	4.06304	4.06304
cg04380332	SRPK2	0.0633772	0.0417326	0.594407	-1.68235	0.552128	1.14259	1.14259	0.0189392	0.532706	-1.87721
cg17722033	NECAP1;NECAP1	0.0633775	0.541672	1.06263	1.06263	0.527477	1.06497	1.06497	0.00333116	1.48131	1.48131
cg24329557	GCM2	0.0633776	0.0304121	5.69431	5.69431	0.0976278	3.46453	3.46453	0.0511275	4.56583	4.56583
cg04567445	DNAJC6	0.063379	0.624671	0.915027	-1.09286	0.0123564	1.75235	1.75235	0.118939	1.35634	1.35634
cg21680178	GPATCH3	0.0633806	0.106636	1.40035	1.40035	0.298705	1.2286	1.2286	0.967128	1.00791	1.00791
cg12084392	COL9A3	0.063381	0.142823	0.456124	-2.19239	0.019824	4.06334	4.06334	0.332911	1.64514	1.64514
cg23352579	RDX	0.0633814	0.729493	1.05637	1.05637	0.0224275	0.649157	-1.54046	0.779884	0.956705	-1.04525
cg20191740	C6orf25;C6orf25;C6orf25;C6orf25;C6orf25;C6orf25	0.0633846	0.0123073	0.354608	-2.82002	0.590339	0.834649	-1.19811	0.0172065	0.380847	-2.62572
cg05508558	CR2;CR2	0.0633847	0.411823	0.820853	-1.21824	0.767185	0.932538	-1.07234	0.0251945	0.534593	-1.87058
cg00011994	FLOT1;IER3	0.0633848	0.664225	1.53481	1.53481	0.0149651	18.8124	18.8124	0.0391358	10.3977	10.3977
cg18173972	C1orf100	0.0633852	0.133584	0.689191	-1.45098	0.171185	1.39819	1.39819	0.48452	0.849231	-1.17754
cg26355502	DUSP10;DUSP10	0.0633875	0.0790805	0.489883	-2.0413	0.953342	1.02165	1.02165	0.142351	0.561459	-1.78107
cg16190018	GSR	0.0633878	0.0203485	0.248884	-4.01793	0.280453	0.572375	-1.7471	0.425938	0.667426	-1.49829
cg19310340	RARRES2	0.0633924	0.942222	0.973509	-1.02721	0.138954	0.554368	-1.80386	0.393025	0.723186	-1.38277
cg23790050	TSNARE1	0.063393	0.575725	1.23954	1.23954	0.0427252	0.412324	-2.42528	0.0771446	0.47408	-2.10935
cg17670640	TAP2;TAP2	0.0633931	0.00333215	0.398773	-2.5077	0.971251	0.991743	-1.00833	0.0671891	1.60318	1.60318
cg26042300	SMAP2	0.0633936	0.0199584	0.315189	-3.1727	0.011565	0.273072	-3.66203	0.0817554	0.452515	-2.20987
cg22522066	SPINT2;SPINT2	0.0633941	0.0294647	4.01585	4.01585	0.259865	1.89131	1.89131	0.0394918	3.63761	3.63761
cg22987448	MYO1F	0.0633971	0.31712	1.6141	1.6141	0.375244	1.52397	1.52397	0.02988	3.26418	3.26418
cg24244752	GABRA2;GABRA2	0.0633978	0.851287	1.05867	1.05867	0.677126	0.88056	-1.13564	0.935613	1.02485	1.02485
cg07516511	PRSS22	0.0633998	0.314685	0.607189	-1.64693	0.0928042	0.411709	-2.4289	0.57549	0.762246	-1.31191
cg16600998	BOD1;BOD1;BOD1;BOD1	0.0634017	0.0111321	0.742177	-1.34739	0.221146	0.886474	-1.12806	0.640097	0.956838	-1.04511
cg18959161	B3GALT1	0.063402	0.946396	0.976671	-1.02389	0.809443	1.08851	1.08851	0.56779	0.816504	-1.22473
cg24555089	HDAC4	0.0634028	0.633248	0.864923	-1.15617	0.645948	1.14986	1.14986	0.996382	1.00137	1.00137
cg14186948	COL5A1	0.0634039	0.120872	0.471804	-2.11953	0.758451	1.14769	1.14769	0.243195	0.579629	-1.72524
cg26564874	GRM6	0.0634061	0.719655	0.917574	-1.08983	0.837289	0.952106	-1.0503	0.0282324	0.53884	-1.85584
cg26779912	FKBP1A;FKBP1A	0.0634072	0.355754	0.86698	-1.15343	0.994477	0.998961	-1.00104	0.264808	1.19081	1.19081
cg05929865	TEX11;TEX11	0.0634126	0.586725	1.3323	1.3323	0.782686	1.15549	1.15549	0.207745	0.499393	-2.00243
cg10376053	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0634139	0.482754	1.33681	1.33681	0.126517	1.95939	1.95939	0.136737	1.92004	1.92004
cg18192808	DNAJC16	0.0634143	0.0658026	0.595588	-1.67901	0.123854	1.51943	1.51943	0.337402	0.780155	-1.2818
cg11277220	ZNF317	0.0634151	0.320009	0.710277	-1.4079	0.0113788	0.348292	-2.87115	0.712157	1.13131	1.13131
cg09846180	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.0634153	0.113348	0.360496	-2.77396	0.563478	0.707629	-1.41317	0.312105	0.538383	-1.85741
cg13318121	FABP5	0.0634156	0.025487	6.44726	6.44726	0.106229	3.4502	3.4502	0.151768	2.93884	2.93884
cg09367891	PRMT6	0.0634159	?	?	?	0.58683	1.81989	1.81989	0.144038	5.63645	5.63645
cg23739036	PEX10;PEX10	0.0634172	0.389733	0.892142	-1.1209	0.00663858	1.57805	1.57805	0.133706	1.233	1.233
cg22484084	PTPRV	0.0634182	0.722536	0.968436	-1.03259	0.227807	1.12062	1.12062	0.851005	0.983226	-1.01706
cg24901098	IGFBP3;IGFBP3	0.0634211	0.0224727	0.813178	-1.22974	0.421434	0.939765	-1.0641	0.068514	1.1668	1.1668
cg17997463	NUMA1	0.0634223	0.695444	1.07506	1.07506	0.273347	0.81082	-1.23332	0.193142	1.28832	1.28832
cg04905877	NFASC;NFASC;NFASC;NFASC	0.0634224	0.43599	0.848289	-1.17884	0.618048	1.10968	1.10968	0.026065	0.578849	-1.72757
cg20667519	TUBA3E	0.063423	0.907757	1.04934	1.04934	0.0300634	0.346384	-2.88697	0.0319799	0.351978	-2.84108
cg06901189	ZIM3	0.0634236	0.0489184	0.131223	-7.62061	0.541635	0.572347	-1.74719	0.0523748	0.136345	-7.33436
cg03653835	ADAMTS8	0.0634251	0.00615155	1.45371	1.45371	0.194809	1.15436	1.15436	0.758613	1.03279	1.03279
cg26549029	PGAM5;PGAM5;PGAM5	0.063426	0.414234	0.874649	-1.14332	0.115055	1.31649	1.31649	0.587968	1.09175	1.09175
cg15575320	SLC45A1	0.0634275	0.680567	1.06652	1.06652	0.141218	1.2791	1.2791	0.158565	0.790995	-1.26423
cg08502240	WDR18	0.0634285	0.0321833	0.463956	-2.15538	0.0108481	2.66237	2.66237	0.0489916	1.98973	1.98973
cg24772753	SP5	0.0634296	0.0709102	14.6207	14.6207	0.488833	2.54663	2.54663	0.22362	5.4724	5.4724
cg02842227	NCAM2	0.0634303	0.710522	1.3111	1.3111	0.492809	0.602861	-1.65876	0.992384	0.99309	-1.00696
cg21353144	SPRY1;SPRY1	0.0634308	0.588657	1.20784	1.20784	0.485805	1.27755	1.27755	0.0220669	0.386938	-2.58439
cg11287660	C15orf48;C15orf48	0.0634335	0.0422535	19.0937	19.0937	0.0682633	13.1129	13.1129	0.183778	5.91616	5.91616
cg23069847	C11orf20;C11orf20	0.0634335	0.201639	2.33969	2.33969	0.130866	2.79645	2.79645	0.146385	2.672	2.672
cg03084901	ZIC2	0.0634344	0.10759	0.843045	-1.18618	0.119479	0.848522	-1.17852	0.164277	0.865644	-1.15521
cg06061002	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.0634345	0.0859353	0.386755	-2.58562	0.0356052	0.293915	-3.40234	0.0408997	0.306876	-3.25865
cg06300866	FAM90A1	0.0634349	0.119779	0.232049	-4.30944	0.222332	0.32957	-3.03425	0.0112555	0.0640545	-15.6117
cg05230511	INADL	0.063436	0.406108	1.44199	1.44199	0.194556	1.80578	1.80578	0.133662	0.498237	-2.00708
cg23339092	PRKCH	0.0634361	0.794385	0.91199	-1.0965	0.00532804	0.273906	-3.65088	0.0838521	0.509268	-1.9636
ch.8.343778F	DLC1	0.0634369	?	?	?	0.396872	0.584288	-1.71148	0.0110082	0.138672	-7.21125
cg13536060	SHANK1	0.0634373	0.90597	0.937511	-1.06665	0.604452	0.751747	-1.33024	0.116038	0.393482	-2.54141
cg11680055	GSTM1;GSTM1	0.0634382	0.324746	2.63483	2.63483	0.28979	2.84839	2.84839	0.209394	3.52702	3.52702
cg12376277	TUG1	0.0634393	0.158015	1.5343	1.5343	0.568241	1.17771	1.17771	0.285042	1.37016	1.37016
cg13211125	RRP7B	0.0634398	0.938459	1.03299	1.03299	0.00378834	5.16516	5.16516	0.0371405	2.7654	2.7654

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)
cg16496847	0.56212	1.13233	1.13233	0.116998	1.43487	1.43487	0.68945	0.918354	-1.0889	0.00544585	0.460553	-2.1713	0.257255	1.28493	1.28493
cg12112151	0.201651	1.71279	1.71279	0.027871	0.354455	-2.82124	0.928936	1.03624	1.03624	0.405917	1.40403	1.40403	0.127872	1.92892	1.92892
cg14078053	0.651117	1.16235	1.16235	0.636399	0.854389	-1.17043	0.933252	0.972697	-1.02807	0.00568378	3.31607	3.31607	0.0776087	1.91211	1.91211
cg02367144	0.890544	1.19653	1.19653	0.494024	0.404531	-2.472	0.130341	8.40681	8.40681	0.00693719	94.8632	94.8632	0.018357	41.6348	41.6348
cg15423315	0.441721	1.59156	1.59156	0.0161643	0.174966	-5.71539	0.857312	0.898868	-1.11251	0.00731673	0.128914	-7.75708	0.460675	1.56041	1.56041
cg26686009	0.052403	0.274715	-3.64013	0.0449635	0.259837	-3.84857	0.499232	0.669149	-1.49443	0.354347	1.74735	1.74735	0.0040243	0.104022	-9.61336
cg20454518	0.816256	0.842265	-1.18727	0.0125431	0.101263	-9.87531	0.296621	0.450189	-2.22129	0.0112246	0.0960359	-10.4128	0.699081	1.33173	1.33173
cg13868466	0.246593	2.29949	2.29949	0.846363	0.875189	-1.14261	0.311233	2.05445	2.05445	?	?	?	0.0048794	0.0769732	-12.9915
cg03211239	0.541781	1.2102	1.2102	0.044489	0.490258	-2.03974	0.556119	1.2019	1.2019	0.00761227	0.346424	-2.88663	0.252244	0.691118	-1.44693
cg00090609	0.680663	1.1004	1.1004	0.987852	1.00353	1.00353	0.634591	1.11705	1.11705	0.0103014	0.473599	-2.11149	0.030852	0.556469	-1.79704
cg05012697	0.282187	0.636976	-1.56992	0.0963984	0.478678	-2.08909	0.92078	0.960648	-1.04096	0.00543899	0.228542	-4.37557	0.34771	0.676916	-1.47729
cg25503524	0.174815	1.23612	1.23612	0.49708	1.10657	1.10657	0.688663	0.942558	-1.06094	0.309599	1.167	1.167	0.115077	1.28616	1.28616
cg10902139	0.00648899	0.521744	-1.91665	0.568197	0.899369	-1.11189	0.134058	0.742974	-1.34594	0.121123	1.36212	1.36212	0.690201	0.928982	-1.07645
cg03479942	0.177932	0.588748	-1.69852	0.0211754	0.358597	-2.78865	0.355374	0.703403	-1.42166	0.937526	1.02943	1.02943	0.404448	0.729288	-1.3712
cg02052410	0.69804	1.12791	1.12791	0.00963052	0.363604	-2.75024	0.111825	0.585889	-1.70681	0.007974	0.349924	-2.85776	0.888781	1.04415	1.04415
cg06120945	0.268515	1.51075	1.51075	0.71614	0.877444	-1.13967	0.342773	0.704738	-1.41897	0.264594	0.659491	-1.51632	0.275322	0.666098	-1.50128
cg15836635	0.580954	0.369011	-2.70995	?	?	?	0.177021	0.0768562	-13.0113	?	?	?	0.0399756	69.7603	69.7603
cg22650178	0.503632	1.08641	1.08641	0.0927901	0.797836	-1.25339	0.171645	1.19448	1.19448	0.521043	1.08267	1.08267	0.128496	0.818211	-1.22218
cg10822418	0.107575	0.672306	-1.48742	0.148284	0.704274	-1.4199	0.133625	0.69366	-1.44163	0.0239125	0.54376	-1.83905	0.0468885	1.67252	1.67252
cg07770360	0.484283	1.48606	1.48606	0.0216366	0.215044	-4.65021	0.173924	0.44656	-2.23934	0.00407462	0.116642	-8.57323	0.92426	0.948385	-1.05442
cg27326882	0.920484	1.01596	1.01596	0.427912	1.13699	1.13699	0.0401311	1.4567	1.4567	0.0113204	1.65375	1.65375	0.140196	0.777464	-1.28623
cg06180061	0.957834	1.01066	1.01066	0.00921822	0.515294	-1.94064	0.0250819	0.58595	-1.70663	0.269019	1.25974	1.25974	0.438366	0.853378	-1.17181
cg25547957	0.981332	0.99624	-1.00377	0.520623	0.900465	-1.11054	0.568842	1.09715	1.09715	0.39008	0.86779	-1.15235	0.0555514	1.41814	1.41814
cg12550731	0.899085	1.05069	1.05069	0.0240616	0.350351	-2.85428	0.203066	0.592318	-1.68828	0.0180266	0.326328	-3.0644	0.0470337	0.412321	-2.4253
cg07884487	0.170785	1.42616	1.42616	0.00365547	0.384153	-2.60313	0.0676371	1.64587	1.64587	0.761886	0.928705	-1.07677	0.283243	1.31174	1.31174
cg20610031	0.00353791	0.472902	-2.1146	0.444242	0.862665	-1.1592	0.560484	1.11794	1.11794	0.915448	1.02032	1.02032	0.181191	0.764241	-1.30849
cg18528640	0.0555866	0.733158	-1.36396	0.564864	0.920108	-1.08683	0.256872	0.844235	-1.1845	0.0133968	1.54996	1.54996	0.0954821	0.769465	-1.2996
cg04587910	0.202376	0.499821	-2.00072	0.0792981	0.36651	-2.72844	0.661974	0.797182	-1.25442	0.0311669	3.68061	3.68061	0.0265499	3.87564	3.87564
cg14047844	0.549888	0.923577	-1.08275	0.126708	1.24245	1.24245	0.708901	1.05052	1.05052	0.282123	0.863398	-1.15821	0.101512	1.26567	1.26567
cg17656040	0.0461785	0.763489	-1.30978	0.111328	0.81474	-1.22738	0.799823	1.03047	1.03047	0.0283299	0.736545	-1.35769	0.318681	0.885376	-1.12946
cg10229899	0.330345	0.898315	-1.1132	0.0812843	0.813579	-1.22914	0.332893	0.898853	-1.11253	0.00928564	1.42244	1.42244	0.081432	1.22899	1.22899
cg26951839	0.314634	1.42377	1.42377	0.0271188	0.411147	-2.43222	0.278826	0.682099	-1.46606	0.682125	0.869429	-1.15018	0.591511	1.20209	1.20209
cg27228168	0.91721	0.987781	-1.01237	0.306199	0.882262	-1.13345	0.695629	1.04759	1.04759	0.435774	1.09858	1.09858	0.0736737	1.26588	1.26588
cg01360768	0.142491	0.800382	-1.2494	0.666489	1.06315	1.06315	0.763452	0.958265	-1.04355	0.001866	0.536146	-1.86516	0.628405	0.933437	-1.07131
cg11716884	0.558082	1.11821	1.11821	0.164023	0.755686	-1.3233	0.727491	1.06822	1.06822	0.00372418	2.09396	2.09396	0.177633	0.763189	-1.31029
cg08136070	0.29704	1.1661	1.1661	0.652844	1.06647	1.06647	0.0567891	1.35858	1.35858	0.0060845	1.66373	1.66373	0.297543	0.857704	-1.1659
cg20845466	0.556298	0.810552	-1.23373	0.703376	1.14457	1.14457	0.272214	0.668044	-1.49691	0.0161782	0.354017	-2.82473	0.617539	1.19446	1.19446
cg07493499	0.0250238	3.31394	3.31394	0.0869423	2.33841	2.33841	0.334333	1.5643	1.5643	0.0264221	0.306412	-3.26358	0.104273	2.22117	2.22117
cg01838596	0.341268	0.570641	-1.75241	0.00397274	0.109091	-9.1667	0.357803	0.582177	-1.71769	0.0434121	0.264796	-3.77649	0.358069	1.71715	1.71715
cg12689608	0.0744669	0.690043	-1.44919	0.141254	1.34361	1.34361	0.207131	0.780079	-1.28192	0.521627	0.885802	-1.12892	0.163457	1.32003	1.32003
cg11806199	0.427915	0.896545	-1.11539	0.408807	1.12074	1.12074	0.260654	1.17152	1.17152	0.00873343	1.56955	1.56955	0.0402796	0.726377	-1.3767
cg13393721	0.0147188	2.46099	2.46099	0.454332	1.25685	1.25685	0.565063	1.1906	1.1906	0.228814	1.46057	1.46057	0.250997	1.433	1.433
cg11159519	0.25763	0.829391	-1.2057	0.879334	1.02435	1.02435	0.591005	1.0897	1.0897	0.0364419	1.46967	1.46967	0.0966156	0.749133	-1.33488
cg18810983	0.0125655	0.441666	-2.26416	0.022155	2.05879	2.05879	0.892983	1.03607	1.03607	0.070313	0.587058	-1.70341	0.324252	0.76489	-1.30738
cg23008153	0.29026	1.29016	1.29016	0.589717	0.881293	-1.1347	0.294624	0.777011	-1.28698	0.00460434	0.416727	-2.39965	0.520202	0.85959	-1.16335
cg07375978	0.469171	1.32073	1.32073	0.0520769	0.43398	-2.30425	0.0276065	0.37383	-2.67501	0.0668241	0.460149	-2.17321	0.124779	1.87337	1.87337
cg17418708	0.0194683	1.48181	1.48181	0.23937	1.18715	1.18715	0.488172	1.10303	1.10303	0.00712471	0.616334	-1.6225	0.651551	1.06535	1.06535
cg11097717	0.925119	1.00742	1.00742	0.064191	1.17772	1.17772	0.739554	0.974101	-1.02659	0.246945	0.909173	-1.0999	0.263968	0.912487	-1.09591
cg22823821	0.344351	0.596911	-1.67529	0.159339	0.450809	-2.21823	0.0410728	0.286871	-3.48589	0.0709449	0.34343	-2.9118	0.0590133	0.3232	-3.09406
cg07826777	0.105609	0.83967	-1.19094	0.62037	0.951843	-1.05059	0.656365	0.9567	-1.04526	0.0134772	0.739073	-1.35305	0.79711	1.02579	1.02579
cg20846728	0.0567166	0.62823	-1.59177	0.00457195	0.443164	-2.2565	0.972883	1.00735	1.00735	0.608322	0.894577	-1.11785	0.511252	0.866234	-1.15442
cg11876574	0.503072	1.12744	1.12744	0.560451	0.901318	-1.10949	0.00544211	0.52444	-1.90679	0.0264017	0.628356	-1.59145	0.820074	0.960589	-1.04103
cg04914290	0.0983195	0.550639	-1.81607	0.0729159	0.517708	-1.93159	0.0421547	0.462806	-2.16073	0.036985	0.450584	-2.21934	0.645804	1.16451	1.16451
cg01434618	0.607425	0.880145	-1.13618	0.0277602	0.526833	-1.89813	0.00753149	0.428605	-2.33315	0.510027	0.848201	-1.17897	0.617404	1.1321	1.1321
cg17465920	0.519926	0.878734	-1.138	0.0975922	0.697501	-1.43369	0.195128	0.762172	-1.31204	0.0100364	0.525149	-1.90422	0.0508561	0.643473	-1.55407
cg16941302	0.781494	0.865317	-1.15565	0.524391	0.714889	-1.39882	0.417512	0.64983	-1.53886	0.858178	0.911142	-1.09752	0.0155728	4.67961	4.67961
cg26815414	0.352104	0.577388	-1.73194	0.0368297	0.248849	-4.01851	0.0547178	0.286545	-3.48985	0.0107403	0.15903	-6.28812	0.470602	0.656398	-1.52347
cg01673994	0.14374	0.799694	-1.25048	0.269001	0.848902	-1.17799	0.011907	0.639781	-1.56304	0.754345	0.956316	-1.04568	0.0509111	1.37224	1.37224
cg26878709	0.597017	0.74971	-1.33385	0.192211	0.474607	-2.10701	0.309424	0.566706	-1.76458	0.00416666	0.125784	-7.95014	0.831118	1.12222	1.12222
cg15513743	0.876378	0.89129	-1.12197	0.663391	1.3823	1.3823	0.303551	2.19853	2.19853	0.0837581	4.11561	4.11561	0.00534465	15.0676	15.0676
cg07752095	0.515461	0.763282	-1.31013	0.0272147	0.342796	-2.91719	0.64452	0.826703	-1.20962	0.144251	0.525972	-1.90124	0.00850681	3.95749	3.95749
cg18069568	0.0684018	1.96552	1.96552	0.0421633	0.460547	-2.17133	0.680686	0.871923	-1.14689	0.0251366	0.413885	-2.41613	0.727361	1.12291	1.12291
cg16596691	0.104466	0.282755	-3.53663	0.0907065	0.265395	-3.76797	0.210218	0.390709	-2.55945	0.00816902	0.0898793	-11.126	0.956372	0.96181	-1.03971
cg09385667	0.992137	0.99543	-1.00459	0.00464202	0.173749	-5.75542	0.134272	2.11811	2.11811	0.900032	0.943261	-1.06015	0.637901	0.802253	-1.24649
cg18209835	0.031827	32.4566	32.4566	0.783697	0.683452	-1.46316	0.773634	1.49017	1.49017	0.900198	1.18951	1.18951	0.00710959	122.675	122.675
cg03962463	0.283413	0.655566	-1.5254	0.442233	0.743145	-1.34563	0.449664	0.746866	-1.33893	0.335485	0.686399	-1.45688	0.267962	0.645847	-1.54835
cg23117447	0.457903	0.837162	-1.19451	0.012837	0.48355	-2.06804	0.631182	0.892498	-1.12045	0.131042	0.681567	-1.46721	0.258432	0.757857	-1.31951
cg05559960	0.0727345	0.495975	-2.01623	0.0065401	0.290107	-3.44701	0.964404	0.98449	-1.01575	0.422223	0.750395	-1.33263	0.0437517	0.44401	-2.2522
cg00123512	0.0197951	1.44384	1.44384	0.451509	1.10532	1.10532	0.174073	1.20774	1.20774	0.757031	1.04134	1.04134	0.035636	0.726717	-1.37605
cg13054686	0.680952	0.915947	-1.09177	0.221441	1.31381	1.31381	0.0319055	0.586283	-1.70566	0.580699	0.888271	-1.12578	0.182079	1.3509	1.3509
cg20621463	0.100676	0.236575	-4.22698	?	?	?	0.00363349	0.0380804	-26.2603	0.39089	0.497854	-2.00862	0.474478	0.56193	-1.77958
cg08506303	0.0180963	0.677386	-1.47626	0.635089	0.937191	-1.06702	0.0672545	0.757096	-1.32084	0.0654589	1.32386	1.32386	0.558768	0.922908	-1.08353
cg07470570	0.44343	1.28234	1.28234	0.464312	0.788966	-1.26748	0.104648	0.568661	-1.75852	0.0594817	1.96796	1.96796	0.0442064	2.08686	2.08686
cg06140698	0.436355	1.18243	1.18243	0.329909	0.808825	-1.23636	0.499804	1.15552	1.15552	0.0843913	0.668408	-1.49609	0.151846	0.72326	-1.38263
cg14195974	0.431545	1.38842	1.38842	0.059075	0.418393	-2.3901	0.191182	0.567935	-1.76076	0.0466721	0.394094	-2.53747	0.104377	0.483973	-2.06623
cg18064152	0.267819	2.39278	2.39278	0.154163	3.1677	3.1677	0.297569	2.26191	2.26191	0.0124587	10.4884	10.4884	0.0138392	9.96563	9.96563
cg04380332	0.110064	0.679787	-1.47105	0.0612574	0.626653	-1.59578	0.543698	0.872661	-1.14592	0.100539	0.671213	-1.48984	0.0116056	0.496953	-2.01226
cg17722033	0.362983	1.09629	1.09629	0.00930461	1.38323	1.38323	0.131794	1.17346	1.17346	0.564187	1.059	1.059	0.939697	1.00747	1.00747
cg24329557	0.636829	0.722421	-1.38423	0.834147	1.15413	1.15413	0.526696	1.55045	1.55045	0.0370428	5.23549	5.23549	0.00906399	9.65465	9.65465
cg04567445	0.0949966	0.718622	-1.39155	0.433101	0.86583	-1.15496	0.387722	1.17286	1.17286	0.120023	0.738048	-1.35493	0.151393	0.758168	-1.31897
cg21680178	0.337667	0.827852	-1.20794	0.491769	1.14278	1.14278	0.962527	0.99106	-1.00902	0.00333716	0.466024	-2.14581	0.974411	0.993888	-1.00615
cg12084392	0.840682	0.90455	-1.10552	0.0594179	0.346263	-2.88798	0.178508	2.03894	2.03894	0.459823	1.45512	1.45512	0.261097	0.557578	-1.79347
cg23352579	0.0723417	0.728479	-1.37272	0.35412	1.16254	1.16254	0.013193	0.615457	-1.62481	0.0748955	0.730974	-1.36804	0.77774	1.04572	1.04572
cg20191740	0.107732	0.557805	-1.79274	0.184627	0.626277	-1.59674	0.0457366	0.466862	-2.14196	0.472107	0.784081	-1.27538	0.443397	1.29679	1.29679
cg05508558	0.131165	1.46729	1.46729	0.0177859	0.50767	-1.96978	0.739911	0.924617	-1.08153	0.194019	0.72378	-1.38164	0.0798111	1.57985	1.57985
cg00011994	0.215388	3.5933	3.5933	0.970502	0.96438	-1.03694	0.139321	4.76162	4.76162	0.0133473	20.2162	20.2162	0.0298009	12.2812	12.2812
cg18173972	0.0978063	0.658462	-1.51869	0.00326194	0.397451	-2.51603	0.681061	0.909305	-1.09974	0.775293	1.06806	1.06806	0.177981	0.719439	-1.38997
cg26355502	0.93105	1.03218	1.03218	0.0269151	0.383225	-2.60943	0.85486	0.935179	-1.06931	0.194841	1.65184	1.65184	0.0101502	0.305223	-3.27629
cg16190018	0.609219	1.29229	1.29229	0.375945	0.636418	-1.57129	0.571571	0.75252	-1.32887	0.00233224	0.120771	-8.28011	0.962374	1.02374	1.02374
cg19310340	0.745468	1.12823	1.12823	0.29221	0.667129	-1.49896	0.0724795	2.10082	2.10082	0.036971	2.45302	2.45302	0.0523742	2.26412	2.26412
cg23790050	0.22184	0.614062	-1.6285	0.00675195	0.263497	-3.7951	0.0262422	0.367394	-2.72188	0.752498	0.886787	-1.12767	0.778022	1.11331	1.11331
cg17670640	0.729342	1.0832	1.0832	0.777353	0.936855	-1.0674	0.375408	0.811143	-1.23283	0.389783	0.816466	-1.22479	0.685531	1.09819	1.09819
cg26042300	0.129077	0.509561	-1.96248	0.0532222	0.405415	-2.46661	0.409363	0.706909	-1.41461	0.019642	0.313883	-3.1859	0.160075	0.53956	-1.85336
cg22522066	0.740694	0.835211	-1.1973	0.200044	0.47999	-2.08338	0.282234	1.83287	1.83287	0.683782	1.24862	1.24862	0.00852757	6.17199	6.17199
cg22987448	0.13269	2.11934	2.11934	0.458893	0.705282	-1.41787	0.224297	0.553782	-1.80576	0.0739386	0.397684	-2.51456	0.0587859	0.372245	-2.6864
cg24244752	0.798057	1.081	1.081	0.00385676	0.306453	-3.26315	0.104021	0.582798	-1.71586	0.582861	1.18351	1.18351	0.114455	1.68456	1.68456
cg07516511	0.215455	1.86942	1.86942	0.512034	0.726799	-1.3759	0.0367827	0.312228	-3.20279	0.00850299	0.199564	-5.01093	0.144604	0.471461	-2.12107
cg16600998	0.230073	1.12522	1.12522	0.204584	0.882122	-1.13363	0.105639	1.18013	1.18013	0.0349093	0.794271	-1.25902	0.94731	1.00621	1.00621
cg18959161	0.108234	0.540547	-1.84998	0.00263596	0.231957	-4.31115	0.114854	0.547746	-1.82566	0.103704	0.535436	-1.86764	0.461783	1.30083	1.30083
cg24555089	0.975842	0.990901	-1.00918	0.00737687	0.352663	-2.83557	0.280623	0.712812	-1.40289	0.00594014	0.337552	-2.96251	0.600849	1.17275	1.17275
cg14186948	0.0208469	0.2888	-3.4626	0.00578454	0.198955	-5.02627	0.690303	0.836225	-1.19585	0.177668	0.527432	-1.89598	0.0341746	0.331624	-3.01547
cg26564874	0.899208	0.970208	-1.03071	0.0722622	0.619535	-1.61411	0.0649312	0.609758	-1.63999	0.0303141	1.83626	1.83626	0.852284	0.956486	-1.04549
cg26779912	0.488456	1.11155	1.11155	0.147979	1.26265	1.26265	0.608569	1.08071	1.08071	0.00314463	0.545222	-1.83411	0.928822	1.01352	1.01352
cg05929865	0.0549502	0.320563	-3.11951	0.0197641	0.229606	-4.35529	0.853238	0.907738	-1.10164	0.00767353	0.16678	-5.99593	0.82651	0.891595	-1.12158
cg10376053	0.794139	1.11228	1.11228	0.261995	1.60957	1.60957	0.855771	1.07685	1.07685	0.0112612	3.63992	3.63992	0.00606245	4.29927	4.29927
cg18192808	0.882082	1.03796	1.03796	0.46565	0.82996	-1.20488	0.0156641	0.47537	-2.10362	0.396387	1.2436	1.2436	0.128379	0.661945	-1.5107
cg11277220	0.339207	1.38812	1.38812	0.463378	0.77998	-1.28208	0.950328	1.02096	1.02096	0.282436	0.689464	-1.4504	0.127951	0.578174	-1.72958
cg09846180	0.12278	0.371531	-2.69157	0.00267226	0.0855348	-11.6912	0.0942032	0.336373	-2.97289	0.0369383	0.238148	-4.19907	0.184316	0.434363	-2.30222
cg13318121	0.114575	3.33592	3.33592	0.325622	2.03909	2.03909	0.0173961	7.63553	7.63553	0.0273302	6.25234	6.25234	0.0138326	8.46194	8.46194
cg09367891	0.0776787	0.113924	-8.77779	?	?	?	0.00744793	0.0199961	-50.0097	0.866108	1.20189	1.20189	0.652439	1.63967	1.63967
cg23739036	0.681381	0.947946	-1.05491	0.290493	1.15263	1.15263	0.0801227	1.28584	1.28584	0.073124	0.771975	-1.29538	0.807033	1.0322	1.0322
cg22484084	0.94689	1.00601	1.00601	0.187949	0.88204	-1.13374	0.137717	0.866064	-1.15465	0.0039705	1.41686	1.41686	0.533272	0.944816	-1.05841
cg24901098	0.0424578	0.837985	-1.19334	0.267955	1.09121	1.09121	0.0895114	1.15214	1.15214	0.365242	0.932044	-1.07291	0.962666	0.996465	-1.00355
cg17997463	0.66813	1.08257	1.08257	0.197555	1.28476	1.28476	0.130042	1.35099	1.35099	0.0047588	0.501793	-1.99285	0.240434	1.2537	1.2537
cg04905877	0.298249	0.799932	-1.25011	0.305495	0.802782	-1.24567	0.940435	0.984647	-1.01559	0.0164695	1.8344	1.8344	0.0632881	1.54097	1.54097
cg20667519	0.300923	1.56109	1.56109	0.074697	0.438248	-2.28181	0.456502	0.729706	-1.37042	0.0263417	0.334692	-2.98783	0.238332	0.598571	-1.67064
cg06901189	0.481176	0.52379	-1.90916	0.423692	0.478084	-2.09168	0.720241	0.722676	-1.38375	0.00648794	0.0409388	-24.4267	0.0119483	0.0588528	-16.9915
cg03653835	0.436425	1.08666	1.08666	0.0198879	1.34209	1.34209	0.494137	1.07538	1.07538	0.153343	0.852113	-1.17355	0.206394	1.1497	1.1497
cg26549029	0.169827	0.790853	-1.26446	0.0128445	0.609071	-1.64184	0.0753238	0.727783	-1.37404	0.966985	0.99338	-1.00666	0.23474	0.818843	-1.22124
cg15575320	0.068223	1.3739	1.3739	0.0849808	1.34489	1.34489	0.253197	1.204	1.204	0.915948	1.01656	1.01656	0.269344	1.19597	1.19597
cg08502240	0.421767	0.777873	-1.28556	0.900016	1.03922	1.03922	0.339746	1.35144	1.35144	0.702426	0.889145	-1.12468	0.459201	1.25946	1.25946
cg24772753	0.670548	0.566175	-1.76624	0.476543	0.382025	-2.61763	0.946389	0.914482	-1.09351	0.00657237	109.106	109.106	0.0137814	57.2433	57.2433
cg02842227	0.0805846	4.08778	4.08778	0.590717	0.674051	-1.48357	0.0337429	0.16506	-6.05841	?	?	?	0.0133102	9.28331	9.28331
cg21353144	0.0184112	0.371923	-2.68873	0.302004	1.44748	1.44748	0.295484	0.687141	-1.45531	0.212608	0.635062	-1.57465	0.150917	1.70297	1.70297
cg11287660	0.11076	8.94027	8.94027	0.234126	4.81797	4.81797	0.183668	5.9191	5.9191	0.00591458	93.6006	93.6006	0.0252474	28.6214	28.6214
cg23069847	0.117637	2.91915	2.91915	0.206937	2.31416	2.31416	0.0627889	3.7426	3.7426	0.0129594	6.98801	6.98801	0.00791865	8.55824	8.55824
cg03084901	0.272265	1.11751	1.11751	0.883353	0.985828	-1.01438	0.64892	1.04557	1.04557	0.00277969	0.669665	-1.49328	0.959676	1.00493	1.00493
cg06061002	0.556968	0.74277	-1.34631	0.0334526	0.288257	-3.46912	0.0516473	0.32996	-3.03067	0.00796147	0.18213	-5.49058	0.527366	0.725736	-1.37791
cg06300866	0.115602	0.227553	-4.39458	0.0612487	0.161173	-6.2045	0.343406	0.429669	-2.32737	0.26306	0.364279	-2.74515	0.144914	0.257956	-3.87663
cg05230511	0.726932	1.16298	1.16298	0.0206529	0.301108	-3.32107	0.129874	2.02309	2.02309	0.0558753	2.54173	2.54173	0.254697	1.66892	1.66892
cg23339092	0.616205	1.19513	1.19513	0.553992	0.809653	-1.2351	0.102416	0.532372	-1.87838	0.113689	1.83506	1.83506	0.126331	0.558022	-1.79204
ch.8.343778F	0.597344	0.718793	-1.39122	0.0105254	0.13619	-7.34271	0.923771	0.942442	-1.06107	0.0292008	0.203591	-4.91182	0.389369	0.579047	-1.72698
cg13536060	0.522975	0.702219	-1.42406	0.198599	0.476234	-2.09981	0.84253	1.11473	1.11473	0.00164431	0.0853368	-11.7183	0.324154	1.74372	1.74372
cg11680055	0.501538	1.91528	1.91528	0.015194	17.1319	17.1319	0.0363304	10.1591	10.1591	0.00531309	33.0988	33.0988	0.256519	3.09042	3.09042
cg12376277	0.00960296	0.394612	-2.53413	0.676661	1.1263	1.1263	0.0992489	0.598992	-1.66947	0.102884	0.602863	-1.65875	0.867469	0.953738	-1.04851
cg13211125	0.0831573	2.23977	2.23977	0.389434	0.690216	-1.44882	0.503063	1.33068	1.33068	0.413725	0.703808	-1.42084	0.655836	1.20751	1.20751

Probeset ID	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16496847	0.964574	0.990627	-1.00946	3.09222	2.20194	0.632971	1
cg12112151	0.387738	1.42378	1.42378	3.09222	7.80057	2.24235	1
cg14078053	0.990724	0.996165	-1.00385	3.0922	5.34839	1.53746	1
cg02367144	0.0946952	10.9504	10.9504	3.09219	83.1583	23.9049	1
cg15423315	0.23914	0.481765	-2.0757	3.09218	17.1873	4.94071	1
cg26686009	0.454371	0.639959	-1.5626	3.09218	16.8003	4.82949	1
cg20454518	0.158035	0.328533	-3.04384	3.09202	26.6359	7.65724	1
cg13868466	0.397323	1.81415	1.81415	3.18648	18.5386	6.64902	1
cg03211239	0.0931894	0.565253	-1.76912	3.09198	4.67285	1.34336	1
cg00090609	0.836464	0.953338	-1.04895	3.09197	2.61742	0.752465	1
cg05012697	0.13435	0.521243	-1.91849	3.09195	7.97609	2.29301	1
cg25503524	0.466525	1.11498	1.11498	3.09192	1.05644	0.303714	1
cg10902139	0.888035	1.02624	1.02624	3.09192	1.65554	0.475947	1
cg03479942	0.48387	0.768518	-1.30121	3.09191	6.70613	1.92793	1
cg02052410	0.164573	0.632665	-1.58062	3.09189	4.66786	1.34197	1
cg06120945	0.291922	1.4792	1.4792	3.09188	6.27665	1.80448	1
cg15836635	0.0152008	206.786	206.786	3.25351	109.838	45.0131	1
cg22650178	0.242626	0.861289	-1.16105	3.09186	0.730234	0.209937	1
cg10822418	0.312613	0.789669	-1.26635	3.09185	2.50293	0.719577	1
cg07770360	0.475436	0.667338	-1.49849	3.09185	15.2094	4.3726	1
cg27326882	0.427234	0.879346	-1.13721	3.09185	1.23199	0.354189	1
cg06180061	0.274895	0.796234	-1.25591	3.09184	1.97016	0.566411	1
cg25547957	0.743931	0.948592	-1.05419	3.09183	1.2695	0.364975	1
cg12550731	0.301537	0.658885	-1.51772	3.09183	7.43906	2.1387	1
cg07884487	0.550224	1.15849	1.15849	3.09182	2.90064	0.833925	1
cg20610031	0.0470577	0.650203	-1.53798	3.09182	1.75672	0.505051	1
cg18528640	0.0787239	0.75625	-1.32231	3.0918	1.00253	0.288227	1
cg04587910	0.718279	1.20523	1.20523	3.09178	13.0003	3.7376	1
cg14047844	0.708462	0.951838	-1.0506	3.0917	0.845588	0.243113	1
cg17656040	0.0909438	0.802543	-1.24604	3.0917	0.683283	0.19645	1
cg10229899	0.17081	0.855817	-1.16847	3.0917	0.55807	0.16045	1
cg26951839	0.0486676	2.14922	2.14922	3.09169	5.65272	1.62521	1
cg27228168	0.0894093	1.24788	1.24788	3.09169	0.684593	0.196827	1
cg01360768	0.637065	1.06943	1.06943	3.09165	0.976817	0.280848	1
cg11716884	0.812106	1.04595	1.04595	3.09164	1.74235	0.50095	1
cg08136070	0.809634	1.0349	1.0349	3.09164	0.989205	0.28441	1
cg20845466	0.371904	0.723546	-1.38208	3.09151	6.10011	1.75394	1
cg07493499	0.0977528	2.26224	2.26224	3.0915	9.887	2.84278	1
cg01838596	0.0941651	0.348981	-2.86549	3.09149	16.0235	4.60721	1
cg12689608	0.962974	1.0087	1.0087	3.09148	1.70645	0.490652	1
cg11806199	0.50508	1.09555	1.09555	3.09146	0.891372	0.256296	1
cg13393721	0.0143677	2.47243	2.47243	3.09144	4.40524	1.26665	1
cg11159519	0.735994	1.05505	1.05505	3.09142	1.22769	0.353003	1
cg18810983	0.907154	0.96975	-1.03119	3.09142	3.39374	0.975816	1
cg23008153	0.38698	1.22855	1.22855	3.09142	2.63792	0.758494	1
cg07375978	0.364909	0.703501	-1.42146	3.09141	6.98662	2.0089	1
cg17418708	0.304933	1.15943	1.15943	3.09139	0.949232	0.272939	1
cg11097717	0.217813	1.10735	1.10735	3.09138	0.302871	0.0870868	1
cg22823821	0.283918	0.554477	-1.8035	3.09132	13.7397	3.95076	1
cg07826777	0.604881	1.05295	1.05295	3.09128	0.478365	0.137552	1
cg20846728	0.0147812	0.523875	-1.90885	3.09128	2.27427	0.65396	1
cg11876574	0.210117	0.792078	-1.2625	3.09127	1.52504	0.438523	1
cg04914290	0.0336454	0.441933	-2.26279	3.09126	5.30267	1.52478	1
cg01434618	0.684584	1.10585	1.10585	3.09124	2.97163	0.854495	1
cg17465920	0.525169	0.880197	-1.13611	3.0912	1.923	0.552968	1
cg16941302	0.764177	0.855108	-1.16944	3.09118	13.2511	3.81043	1
cg26815414	0.0217614	0.206041	-4.85339	3.09114	16.1061	4.63149	1
cg01673994	0.631823	1.07111	1.07111	3.09113	0.991284	0.285055	1
cg26878709	0.0918488	0.36714	-2.72376	3.0911	14.2707	4.10374	1
cg15513743	0.918301	0.926955	-1.0788	3.09103	26.755	7.69393	1
cg07752095	0.826444	0.913977	-1.09412	3.09101	8.21399	2.36212	1
cg18069568	0.828462	1.07452	1.07452	3.091	5.37036	1.54437	1
cg16596691	0.081212	0.252617	-3.95856	3.09099	24.7998	7.13179	1
cg09385667	0.122378	0.459259	-2.17742	3.09096	10.5754	3.04124	1
cg18209835	0.0333006	31.2145	31.2145	3.09095	93.6553	26.9332	1
cg03962463	0.0391025	0.404676	-2.47111	3.09094	7.02725	2.02089	1
cg23117447	0.716016	0.917681	-1.0897	3.09092	2.7065	0.778335	1
cg05559960	0.131128	0.564997	-1.76992	3.09092	6.00603	1.72722	1
cg00123512	0.825232	0.971544	-1.02929	3.09091	0.834111	0.239875	1
cg13054686	0.367902	1.21703	1.21703	3.09089	2.20763	0.634877	1
cg20621463	0.208361	0.347526	-2.87748	3.3724	29.0353	7.53349	1
cg08506303	0.0430404	0.729136	-1.37149	3.09087	0.901253	0.259187	1
cg07470570	0.363136	1.34643	1.34643	3.09084	4.9582	1.42592	1
cg06140698	0.171343	0.735405	-1.3598	3.09083	2.17991	0.626918	1
cg14195974	0.907339	0.953516	-1.04875	3.09082	8.1805	2.35263	1
cg18064152	0.152626	3.18333	3.18333	3.09081	27.9659	8.04275	1
cg04380332	0.573325	0.88152	-1.1344	3.09081	2.40411	0.6914	1
cg17722033	0.286661	1.11493	1.11493	3.0908	0.473294	0.136116	1
cg24329557	0.886913	0.907298	-1.10217	3.0908	22.8807	6.58032	1
cg04567445	0.369096	0.846936	-1.18073	3.09077	1.58769	0.456611	1
cg21680178	0.200544	1.29488	1.29488	3.09074	1.78821	0.514284	1
cg12084392	0.0848968	0.386886	-2.58474	3.09073	12.16	3.4972	1
cg23352579	0.0942592	0.747805	-1.33725	3.09073	1.22162	0.351337	1
cg20191740	0.0549041	0.484812	-2.06265	3.09066	5.41395	1.55708	1
cg05508558	0.806833	1.05932	1.05932	3.09066	2.70906	0.779138	1
cg00011994	0.138952	4.76961	4.76961	3.09066	47.0956	13.5449	1
cg18173972	0.75847	1.07353	1.07353	3.09065	2.59054	0.745054	1
cg26355502	0.388524	1.38188	1.38188	3.09061	6.55671	1.88577	1
cg16190018	0.419092	0.663254	-1.50772	3.0906	12.1069	3.48207	1
cg19310340	0.0352945	2.47939	2.47939	3.09051	6.7151	1.93139	1
cg23790050	0.302345	0.66644	-1.50051	3.0905	7.06026	2.03067	1
cg17670640	0.228178	1.33779	1.33779	3.0905	2.59114	0.745263	1
cg26042300	0.145987	0.526441	-1.89955	3.09049	8.27122	2.37897	1
cg22522066	0.937606	0.958439	-1.04336	3.09048	14.3899	4.13885	1
cg22987448	0.20012	1.87123	1.87123	3.09042	10.4907	3.01742	1
cg24244752	0.19644	1.51421	1.51421	3.09041	4.51617	1.29898	1
cg07516511	0.255116	1.7685	1.7685	3.09037	11.27	3.24161	1
cg16600998	0.225611	0.887603	-1.12663	3.09033	0.429662	0.123586	1
cg18959161	0.159611	0.590024	-1.69485	3.09033	6.03218	1.73507	1
cg24555089	0.952109	0.982033	-1.0183	3.09031	4.45999	1.28286	1
cg14186948	0.184436	0.533287	-1.87516	3.09029	9.76108	2.80767	1
cg26564874	0.0574578	0.598792	-1.67003	3.09025	2.78801	0.80195	1
cg26779912	0.17194	0.803724	-1.24421	3.09023	1.10508	0.317872	1
cg05929865	0.0723698	0.350598	-2.85227	3.09012	13.3725	3.84667	1
cg10376053	0.0468443	2.52439	2.52439	3.0901	8.10435	2.33127	1
cg18192808	0.0302899	0.527662	-1.89515	3.09009	3.08382	0.887084	1
cg11277220	0.0071073	0.314213	-3.18256	3.09008	5.42413	1.5603	1
cg09846180	0.10129	0.345605	-2.89347	3.09007	17.1601	4.93628	1
cg13318121	0.248879	2.33053	2.33053	3.09007	24.1177	6.93771	1
cg09367891	0.610512	1.75145	1.75145	3.42252	49.0011	14.3173	1
cg23739036	0.584602	1.0741	1.0741	3.09004	0.82059	0.236053	1
cg22484084	0.198509	0.884935	-1.13003	3.09002	0.396048	0.113929	1
cg24901098	0.697274	1.03001	1.03001	3.08996	0.280042	0.0805598	1
cg17997463	0.802619	1.04715	1.04715	3.08994	1.65614	0.476426	1
cg04905877	0.510745	0.871003	-1.1481	3.08994	2.09757	0.603412	1
cg20667519	0.0380771	0.368232	-2.71568	3.08993	8.44971	2.43076	1
cg06901189	0.155934	0.253853	-3.93929	3.08991	39.917	11.4831	1
cg03653835	0.169998	1.16531	1.16531	3.08988	0.536171	0.154244	1
cg26549029	0.0877948	1.35306	1.35306	3.08987	1.26015	0.362517	1
cg15575320	0.0153304	0.629379	-1.58887	3.08984	1.18436	0.340717	1
cg08502240	0.437563	1.27429	1.27429	3.08982	4.58481	1.31897	1
cg24772753	0.496212	2.50546	2.50546	3.0898	86.4811	24.8793	1
cg02842227	0.252116	2.38497	2.38497	3.13181	23.2735	7.43131	1
cg21353144	0.308255	1.44014	1.44014	3.08977	5.85353	1.68399	1
cg11287660	0.0633357	13.9071	13.9071	3.08972	77.7656	22.3725	1
cg23069847	0.0429781	4.34152	4.34152	3.08972	19.4468	5.59468	1
cg03084901	0.394658	0.91873	-1.08846	3.0897	0.462555	0.133074	1
cg06061002	0.242388	0.542011	-1.84498	3.0897	12.2625	3.52786	1
cg06300866	0.00528361	0.041488	-24.1034	3.0897	36.6532	10.5449	1
cg05230511	0.203933	0.561338	-1.78146	3.08967	9.07574	2.61106	1
cg23339092	0.349317	0.711888	-1.40471	3.08967	6.08803	1.75151	1
ch.8.343778F	0.230936	0.459153	-2.17792	3.13168	16.9146	5.40112	1
cg13536060	0.458539	0.662217	-1.51008	3.08965	14.5908	4.19777	1
cg11680055	0.0601977	7.53452	7.53452	3.08963	44.4132	12.7777	1
cg12376277	0.144708	1.55936	1.55936	3.08961	3.93581	1.13234	1
cg13211125	0.883257	1.06371	1.06371	3.0896	8.64671	2.48769	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. Chordoma)	Fold-Change(1-vs-121T vs. Chordoma)	p-value(347T vs. N)	p-value(347T vs. Chordoma)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(353T vs. Chordoma)	Fold-Change(1-vs-353T vs. Chordoma)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(537T vs. Chordoma)	Fold-Change(1-vs-537T vs. Chordoma)	p-value(563T vs. N)	Fold-Change(1-vs-563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg21118401	SRC,SRC	0.0634401	0.353163	0.683643	-1.46489	0.0867495	0.469541	-2.12974	0.0679829	0.441812	2.2634	0.843684	0.924137	-1.08209	0.0443113	0.397262	2.51723														
cg01455471	GABBR1,GABBR1	0.0634402	0.245461	0.70039	-1.42778	0.892919	0.961288	-1.04027	0.449539	0.125344	1.25344	0.243135	0.699045	-1.43052	0.0978746	0.587239	1.70288														
cg13379871	BMI1,BMI1	0.0634422	0.073161	0.728171	-1.3733	0.0210141	1.55378	1.55378	0.297105	1.1872	1.1872	0.295336	0.841748	-1.188	0.593783	0.91809	-1.08922														
cg00460911	CWC22	0.0634425	0.831786	0.972466	-1.02828	0.0172117	1.46331	1.46331	0.114148	0.834202	-1.14439	0.332315	0.877406	-1.14017	0.0485957	1.34376	1.34376														
cg09254001	IKBIP,APAF1;IKBIP;APAF1;APAF1;APAF1	0.0634443	0.332495	1.11328	1.11328	0.0124753	1.39607	1.39607	0.450551	1.08602	1.08602	0.867072	0.98218	-1.01814	0.170814	1.16946	1.16946														
cg02628858	MTUS2	0.0634452	0.0278129	0.246877	-4.05059	0.480015	0.679586	-1.47149	0.0323601	0.25976	-3.84971	0.671025	0.794646	-1.25842	0.0413654	0.28201	-3.54598														
cg03199239	FAM160B2	0.0634455	0.0217813	0.385681	-2.59259	0.0114461	0.962244	1.44534	0.257267	0.664255	-1.50545	0.15812	1.68559	0.0314812	0.417784	-2.39381															
cg02885591	EPHD1	0.0634459	0.060007	0.309975	0.109975	0.0120033	4.57237	4.71237	0.144731	1.37042	2.17042	0.0952642	2.4662	2.4662	0.0313945	2.23725	2.23725														
cg24841909	PHKA2	0.0634477	0.0366647	0.588923	-1.69802	0.0753929	0.649396	-1.53989	0.065509	0.637108	-1.56959	0.159738	0.720629	-1.38768	0.00495238	0.444181	-2.25134														
cg02739221	NLRC3	0.0634495	0.0161806	0.19377	-5.16021	0.0183777	0.608317	-1.64372	0.0764363	0.312127	-3.20382	0.120198	0.41256	-2.42255	0.0158586	0.244209	-4.09218														
cg04554576	SATB2	0.0634506	0.175304	0.429919	-2.32602	0.00355079	0.0988535	-10.1116	0.0205322	0.195053	-5.1268	0.916827	0.940654	-1.06309	0.0958715	0.342613	-2.91875														
cg22768456	THOC6,THOC6	0.0634508	0.0193334	0.189573	-5.27501	0.626601	1.13407	1.13407	0.513467	0.627337	-1.47633	0.237685	0.483275	-2.06912	0.295061	0.528149	-1.89341														
cg23771185	ORC5L	0.0634515	0.0351353	0.137235	-7.28676	0.0404609	0.147337	-6.76718	0.118032	0.253234	-3.94892	0.693713	0.725935	-1.37753	0.124202	0.259984	-3.84639														
cg12460322	FAM66B	0.0634522	0.981284	1.00678	1.00678	0.0216342	0.401626	-2.43353	0.18546	0.635841	-1.57272	0.274167	0.69285	-1.44331	0.10475	0.564525	-1.7714														
cg30046093	HACE1	0.0634528	0.312252	0.909289	-1.09976	0.0322394	1.27395	1.27395	0.0604151	1.12143	1.12143	0.327339	0.912321	-1.09635	0.0136716	0.95852	-1.04355														
cg14230647	PXDN	0.0634556	0.304471	0.672549	-1.48688	0.455888	0.753317	-1.32746	0.646041	0.841564	-1.18826	0.579652	0.811644	-1.23207	0.00259465	0.210818	-4.74342														
cg18939303	KIF1A	0.0634568	0.883572	1.04602	1.04602	0.00318778	3.82649	3.82649	0.149897	1.60411	1.60411	0.415562	1.28829	1.28829	0.196357	0.660107	-1.51491														
cg15828427	FBXW9	0.0634584	0.136834	0.417744	-2.42882	0.0847473	1.08383	1.08383	0.0913684	0.357212	-2.79946	0.919323	1.06318	1.06318	0.0347067	0.255853	-3.90852														
cg20247708	STAM2	0.0634584	0.0319009	0.661874	-1.51086	0.118117	1.32676	1.32676	0.580607	0.911203	-1.09745	0.0294715	1.51301	1.51301	0.577697	1.09825	1.09825														
cg17152423	FBXL1	0.0634586	0.0292439	0.343922	-2.90704	0.112334	0.469529	-2.09779	0.0183628	0.30021	-3.33071	0.128805	0.525765	0.655986	-1.52547	0.0733227	2.3263														
cg24363160	CACNA1I,CACNA1I	0.0634608	0.416876	0.721133	-1.38671	0.467159	1.33848	1.33848	0.00262038	5.16402	5.16402	0.383541	1.42031	1.42031	0.0826183	1.57366	1.57366														
cg08017240	GAUG2,COPS2;COPS2	0.0634618	0.116342	0.31566	-3.16782	0.494021	0.992703	1.02153	0.803701	0.753	-1.3049	0.289487	0.823534	-1.21428	0.0115634	0.174944	-5.71404														
cg09911399	RPS11,SNORD15B	0.0634626	0.574491	0.906734	-1.10286	0.961932	0.991796	-1.00827	0.676771	0.9302	-1.07504	0.189266	1.27126	1.27126	0.0535157	1.46004	1.46004														
cg06606381	FBXL1	0.0634634	0.861354	0.959924	-1.04175	0.163072	1.41672	1.41672	0.0516195	1.67919	1.67919	0.122171	0.675761	-1.47981	0.125	0.678043	-1.47483														
cg01753108	SORT1	0.0634642	0.852309	0.950227	-1.05228	0.0168418	1.72316	1.72316	0.0534297	1.58223	1.58223	0.150388	1.83513	1.83513	0.213177	1.63092	1.63092														
cg04506553	CAMTA1	0.0634644	0.556662	0.891763	-1.12137	0.00592366	0.499772	-2.00091	0.146884	0.740827	-1.34984	0.576898	0.11472	1.11472	0.0632484	0.668624	-1.49561														
cg16365094	C5orf55	0.0634646	0.512268	1.18312	1.18312	0.0973878	2.4084	2.4084	0.0631037	2.40654	2.40654	0.476595	1.15803	1.15803	0.0587705	1.65198	1.65198														
cg26942160	SFRS3	0.063465	0.0916571	0.308783	-3.23852	0.534031	1.48959	1.48959	0.589175	1.14195	1.14195	0.872041	1.10737	1.10737	0.0346616	0.210502	-4.75054														
cg24134845	HPSE2;HPSE2;HPSE2;HPSE2	0.0634672	0.103091	0.541574	-1.84647	0.721529	0.884186	-1.13098	0.0357304	2.31757	2.31757	?	?	?	0.228183	0.647253	-1.54499														
cg05344406	TBPL2	0.063472	0.732781	0.908454	-1.10059	0.0656102	0.695152	-1.43853	0.0779715	0.519277	-1.92575	0.0638528	0.557836	-1.79264	0.0184083	0.309951	-3.2263														
cg01794853	HSPG2	0.0634689	0.0502356	0.399741	-2.50162	0.267231	0.622011	-1.60769	0.134642	0.51551	-1.93983	0.399766	1.42489	1.42489	0.0121003	0.27663	-3.61493														
cg06596883	LYN,LYN	0.0634689	0.116342	0.31566	-3.16782	0.494021	0.992703	1.02153	0.803701	0.753	-1.3049	0.289487	0.823534	-1.21428	0.0115634	0.174944	-5.71404														
cg04525580	IRF2	0.0634692	0.00305716	0.435171	-2.29795	0.480454	1.15848	1.15848	0.159566	1.36107	1.36107	0.963204	0.990583	-1.00951	0.281063	0.794701	-1.25834														
cg01975338	VRK1	0.0634713	0.360604	0.810133	-1.99587	0.0372995	0.169091	-5.91398	0.010561	0.266419	-3.75348	0.875486	0.891096	-1.12221	0.0441803	0.182691	-5.47373														
cg01445100	BANP;BANP	0.0634715	0.0519599	0.350227	-2.85539	0.0109018	0.894706	-1.12424	0.00534297	0.159355	-6.27555	0.117313	0.760852	-1.31495	0.0133653	0.174792	-5.72489														
cg11220773	UBXN1	0.0634718	0.576033	0.933191	-1.07159	0.0478941	0.758185	-1.31894	0.0498334	1.31497	1.31497	0.551808	1.07646	1.07646	0.462628	1.09583	1.09583														
cg24342502	SLC4A2	0.0634725	0.737304	0.940161	-1.06351	0.0782605	0.82605	1.56505	0.868305	1.00405	1.00405	0.0105852	1.04431	1.04431	0.0494	1.04431	1.04431														
cg13761421	PCSK5	0.063474	0.117023	0.441343	-2.26581	0.0561691	0.315196	1.85392	-2.82625	0.0402409	0.320319	-3.12189	0.0189086	0.255222	-3.91816	0.311541	1.60476	-1.65356														
cg25916307	KREMEN1;KREMEN1	0.0634755	0.0662014	0.35141	9.85141	0.0515034	9.20768	9.20768	0.461329	2.21932	2.21932	0.157153	4.55062	4.55062	0.0221024	15.6191	15.6191														
cg16629262	CDC14B,CDC14B	0.0634761	0.1812617	0.3964	-2.52164	0.0911326	0.713712	1.40126	-1.40126	0.0941049	0.836065	-1.19602	0.0100405	0.0855852	1.52378	-1.68462	0.172153	1.68496														
cg00765721	CCDC148,CCDC148;PKP4;PKP4	0.063478	0.668575	0.16869	1.00869	0.303055	1.17887	1.17887	0.0012636	2.06653	2.06653	0.313152	1.28391	1.28391	0.845947	0.970441	1.03046														
cg20739281	PLCH2	0.0634783	0.0814307	0.374597	-2.66945	0.0127314	0.882991	1.31455	1.31455	0.192014	0.788452	-1.26831	0.0979018	0.767358	1.30317																
cg25668117	ADAP1	0.0634814	0.29746	0.702136	-1.42423	0.821815	0.928811	-1.07665	0.538898	0.815718	-1.22591	0.0380908	0.455176	-2.19695	0.00188901	0.236739	4.22405														
cg05256902	KLF3	0.0634817	0.462261	0.854557	-1.1702	0.463049	0.854802	-1.16986	0.423304	0.842175	-1.1874	0.966306	1.00891	1.00891	0.000886688	0.351321	2.84607														
cg26829232	FBXO4;FBXO2;FBXO44;FBXO44;FBXO4	0.0634832	0.702849	1.19146	1.19146	0.336905	1.57229	1.57229	0.00418506	5.77579	5.77579	0.296245	1.64053	1.64053	0.106734	0.447121	-2.23659														
cg00485003	STRA8	0.0634835	0.473781	1.12991	1.12991	0.0563419	0.695152	-1.43853	0.0779715	0.519277	-1.92575	0.0638528	0.557836	-1.79264	0.0184083	0.309951	-3.2263														
cg26667142	ZDHHC2	0.0634863	0.0330929	0.696056	-1.43667	0.045265	1.39655	1.39655	0.0882891	1.31455	1.31455	0.192014	0.788452	-1.26831	0.0979018	0.767358	1.30317														
cg17988503	ETV2	0.0634865	0.187468	0.810245	-1.23419	0.0163874	0.636187	-1.57186	0.157483	0.796124	-1.25609	0.246956	0.83363	-1.19957	0.883176	0.978287	-1.02219														
cg21169285	MAPK9;MAPK9;MAPK9;MAPK9;MAPK9	0.0634878	0.0113607	0.480756	-2.08006	0.0178715	0.502587	-1.9897	0.113336	0.662446	-1.50955	0.226878	0.738431	-1.35422	0.09148	0.13004	3.00004														
cg00922689	KBTBD8	0.0634921	0.672614	1.12953	1.12953	0.0260653	0.763389	-1.35798	0.183846	0.69897	-1.64278	0.00751068	0.374307	-2.67037	0.0122604	0.140686	7.11207														
cg00495462	UN9 SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0634883	0.956896	1.00533	1.00532	0.822777	0.978237	-1.02225	0.0733756	1.21631	1.21631	0.622602	0.952508	-1.04986	0.248554	1.12559	1.12559														
cg05503916	SEPT9	0.0634887	0.938512	0.98716	-1.01301	0.490691	1.12442	1.12442	0.223211	1.2391	1.2391	0.287224	0.831017	-1.20335	0.0345646	0.677918	1.47511														
cg18638120	MRPS18A	0.0634936	0.0918606	0.534399	-1.87126	0.181154	0.619184	-1.61503	0.256792	0.670564	-1.49128	0.700666	0.877724	-1.13931	0.0588981	2.05508	2.05508														
cg01404114	RUNDC2C	0.0634943	0.0239353	0.284155	-3.51911	0.0161863	0.51363	-1.94703	0.0100002	0.08784	-11.3844	0.0087254	0.123936	-8.07013	0.0144554	0.162655	6.14731														
cg06592170	PLK2	0.0634953	0.667519	0.947397	-1.05552	0.245556	1.23114	1.23114	0.53454	1.08228	1.08228	0.532157	1.08234	1.08234	0.592139	1.06996	1.06996														
cg13424022	DNASE2	0.0634961	0.284756	0.693153	-1.44263	0.0727248	0.643771	-1.55345	0.158544	0.741771	-1.34825	0.2005	0.810193	-1.23412	0.0881284	0.584244	1.71312														
cg23230176	GTF2I;GTF2I;GTF2I;GTF2I;GTF2I	0.0634961	0.0110643	0.848855	-1.17806	0.194282	0.931814	-1.07318	0.113409	1.09264	1.09264	0.331856	0.949816	-1.05284	0.161849	1.07985	1.07985														
cg07348535	LOC100130987	0.0634974	0.0224636	0.373237	-2.67926	0.463964	1.30824	1.30824	0.675287	1.164	1.164	0.338717	1.42686	1.42686	0.00461766	0.257016	3.8908														
cg08936549	RAB11FIP3;RAB11FIP3	0.0634978	0.076664	0.365499	-2.73511	0.0178776	1.17373	1.17373	0.212281	0.584239	1.71098	0.0127764	0.844313	1.18439	0.0163222	0.728437	1.37242														
cg16178186	RGS16	0.0634983	0.843365	0.868604	-1.15127	0.673999	1.35157	1.35157	0.905582	1.08817	1.08817	?	?	?	0.0807078	0.26393	3.78888														
cg21805029	RNF72;RNF72	0.0634987	0.7057	0.96980	-1.03111	0.0568244	0.724557	1.38057	0.0224722	0.545159	-1.83986	0.359371	0.807547	-1.23832	0.0451159	0.540205	1.94221														
cg25331880	C19orf2;C19orf2	0.0634993	0.00743835	0.383092	-2.61034	0.728688	0.907624	-1.10178	0.983978	1.00561	1.00561	0.295379	1.35262	1.35262	0.0734791	0.573805	1.74275														
cg01073708	EBAG9;EBAG9	0.0635026	0.941281	0.980901	-1.01947	0.0237749	0.493436	-2.02661	0.671567	0.894359	-1.11812	0.267468	1.3531	1.3531	0.57871	1.15843	1.15843														
cg04791477	PTPN9;PTPRK	0.0635032	0.264601	0.679198	-1.34578	0.0737218	0.549527	-1.81975	0.415387	0.7774	-1.2867	0.0974374	0.926486	-1.08007	0.0882267	0.670554	1.49141														
cg09219734	SNORD115-10,SNORD115-42	0.063505	0.0256557	0.272956	-3.6636	0.958937	0.52554	1.90255	-1.02554	0.0732269	0.374414	-2.67084	0.758478	0.85979	-1.16309	0.0663593	1.63496														
cg02340060	ATP6D1;ATP6D1	0.0635061	0.593807	0.907996	-1.10156	0.0903289	0.702894	1.42626	-1.42626	0.0710153	0.555556	1.80056	0.960227	1.04172	0.0760624	1.08398	1.08398														
cg12832640	SPOCK1	0.0635066	0.794792	1.05253	1.05253	0.00140946	2.47943	2.47943	0.400631	1.18411	1.18411	0.721474	1.07284	1.07284	0.499036	1.1443	1.1443														
cg05804037	RNF212;RNF212	0.0635076	0.0149037	0.54942	-1.8201	0.361627	0.828983	-1.2063	0.929579	0.982477	-1.01784	0.623112	0.905678	-1.10415	0.104187	0.700963	-1.42661														
cg16505530	TMEM39B	0.0635077	0.0092138	0.179773	-5.56209	0.0104848	0.299324	-3.34052	0.0196126	0.145275	18.4774	0.0117435	0.13004	7.69115	0.0212948	0.0806304	-12.4006														
cg21616622	HSPG2	0.0635078	0.0279687	0.231321	-4.323	0.0419269	0.266663	-3.75005	0.0936047	0.335384	-2.82818	0.286465	0.53576	-1.86651	0.00796951	0.146948	-6.80511														
cg06780888	SCNN1G	0.0635084	0.0157264	0.547425	-1.82707	0.373718	0.549527	-1.81975	0.415387	0.7774	-1.2867	0.0974374	0.926486	-1.08007	0.0882267	0.670554	1.49141														
cg09226038	COL22A1	0.0635096	0.0596245	0.746243	-1.34005	0.143183	0.805215	-1.2419	0.0692505	0.755875	-1.32297	0.644272	1.06612	1.06612	0.178722	0.821424	2.1274														
cg10152798	ZFP,ZFP36;ZFP36	0.0635123	0.349817	0.67797	1.67797	0.1854647	1.67524	1.67524	0.0801163	3.08004	3.08004	0.0479473	3.7106	3.7106	0.101112	0.553832	-2.8522														
cg00437287	DHPS;DHPS;DHPS	0.0635135	0.54946	0.9829	1.19929	0.0531386	1.93345	1.93345	0.0657778	2.85801	2.85801	0.060046	1.8899	1.8899	0.532083	0.827039	-1.20913														
cg14340610	ZNF420	0.063515	0.0789266	0.771221	-1.29665	0.188286	1.462	1.462	0.293183	1.15627	1.15627	0.250034	0.85209	-1.17359	0.867862	0.978072	-1.02242														
cg02655972	CDH6	0.0635151	0.519183	0.91766	-1.08975	0.702663	0.736389	-1.35798	0.183846	0.69897	-1.64278	0.00751068	0.374307	-2.67037	0.0122604	0.140686	7.11207														
cg22880757	RNF182;RNF182;RNF182;RNF182	0.0635158	0.388999	0.665225	-1.50325	0.0523736	2.76963	-2.76963	0.00678	1.05935	1.05935	?	?	?	0.0107086	4.39752	4.39752														
cg23676215	ZNF564	0.0635162	0.0406754	0.168903	-5.92063	0.0178719	0.565451	-1.76881	0.0818834	0.576766	-1.73381	0.11842	0.686257	-1.45718	0.452379	0.813754	-1.22899														
cg01883155	ST6GALNAC2	0.0635172	0.00865076	0.253558	-3.97717	0.974082	0.980046	-1.02036	0.206075	0.28752	-2.28752	0.948051	0.54125	-1.84705	0.0113523	0.312548	3.19551														
cg03899737	TP73;TP73;TP73;TP73	0.0635174	0.352206	0.789759	-1.26621	0.00222804	0.347824	-2.87502	0.230192	1.36391	1.36391	0.656909	0.89564	-1.11652	0.488238	1.18958	1.18958														
cg23548153	PWK1	0.0635184	0.0880686	0.41282	-2.42257	0.0863709	0.870719	-1.14857	0.0650615	0.587152	-1.70261	0.0872147	0.206935	-4.83256	0.0180632	0.247093	-4.0494														
cg14315558	MIR155HG,NA2	0.0635188	0.150733	0.290123	-3.44682	0.834581	0.945334	-1.18296	0.0276399	0.81074	0.81074	0.133569	0.272484	-3.66994	0.0100134	0.183958	7.19902														
cg01509103	GRZ5	0.0635198	0.20381	0.826376	-1.21017	0.476971	1.2919	1.2919	0.549225	1.1482	1.1482	0.414198	0.888251	-1.12581	0.0720425	0.506827	-1.9742														
cg14885917	GAUK2	0.0635199	0.0149082	0.531015	-1.88319	0.0165706	0.538644	-1.85651	0.285482	0.790956	-1.2643	0.0104297	0.580715	-1.72257	0.0158331	0.562834	-1.77733														
cg04718304	BRD9;BRD9;BRD9	0.06352	0.0995946	0.514717	-1.94281	0.25631	0.71809	-1.39258	0.0523626	0.752409	-1.32906	0.0305299	0.03259	2.02519	0.0147052	0.530449	-1.8852														
cg10612015	SNPH	0.0635208	0.0412141	0.313389	-3.19107	0.124548	0.543688	-1.83952	0.0754827	0.744757	-1.34251	0.171206	1.00774	1.00774	0.0557088	0.657506	1.52078														
cg01931335	CD3G	0.0635211	0.0541686	0.238003	-4.20162	0.0372995	0.204393	-4.89253	0.0959644	0.300907	-3.32329	0.642545	0.735629	-1.35938	0.0637843	0.254423	-3.93046														
cg01139586	C14orf102;C14orf102	0.0635216	0.0374229	0.184837	-5.41065	0.0168333	0.313456	-3.19024	0.0529832	0.653238	-1.53084	0.274163	0.44626	-2.24083	0.0402202	0.457471	-2.18555														
cg02165799	NKAIN4;NKAIN4;FLI16779	0.0635216	0.958141	1.0076	1.0076	0.193095	0.819846	-1.21974	0.905637	0.983042	-1.01725	0.354399	1.1473	1.1473	0.235101	0.835708	1.19659														
cg06754965	BANP;BANP NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.0635231	0.17295	0.724986	-1.37934	0.00238147	2.55794	2.55794	0.312624	1.26064	1.26064	0.669143	0.917484	-1.08994	0.86866	0.963671	-1.03738														
cg17505852	2	0.0635243	0.25312	0.639291	-1.56423	0.0042187	4.1868	4.1868	0.82913	1.08403	1.08403	0.670044	0.851582	-1.17428	0.0146384	0.596547	-1.67631														
cg00745170	TEKT5	0.0635248	0.16086	0.459159	-2.17705	0.0297777	0.555	-1.80182	0.0240857	0.168624	0.6899	0.148508	0.132655	-7.53837	0.0018581	0.113653	-7.97														
cg04638397	MTMR12	0.0635258	0.832069	0.943573	-1.0598	0.454247	0.811798	-1.23183	0.921706	0.973469	-1.02725	0.621058	0.872582	-1.14602	0.370504	0.777609	-1.28599														
cg00814580	TRAPPC9L;BLOC1S3	0.0635257	0.57864	0.861902	-1.16022	0.0307578	0.510627	-1.95838	0.175723	0.682905	-1.46433	0.501191	1.19786	1.19786	0.0959157	0.61608	-1.62317														
cg21657577	ZNF578	0.0635285	0.979867	0.99555	-1.00454	0.0232195	0.577225	-1.73247	0.0844253	0.41584	-2.40483	0.0147657	0.800304	-1.24963	0.0147657	0.800304	-1.24963														
cg09766710	ORC6	0.0635296	0.0696002	0.0981561	-10.1879	0.707471	0.778637	-1.2843	0.315115	0.343312	-2.9128	0.080368	0.275986	-3.62338	0.274513	0.470173	-2.12688														
cg21155796	HDLBP;HDLBP	0.0635314	0.0109568	0.437355	-2.28657	0.0147878	0.334124	-2.9933	0.0145475	0.150965	6.62423	0.0150995	0.14387	-6.95195	0.0139039	0.0715216	-13.9809														
cg05468171	USP10	0.0635315	0.140201	0.87049	-1.14878	0.545931	0.947988	-1.05487	0.126101	0.865325	-1.15563	0.63618	0.955018	-1.04713	0.0327874	0.124392	2.24392														
cg01326421	SLC23A2;SLC23A2	0.0635356	0.015859	0.296878	-3.36309	0.14535	0.525872	-1.9016	0.124764	1.97993	1.97993	0.087884	2.16888	2.16888	0.697413	0.851634	-1.17421														
cg22981559	ECU;FAM149B1;ECD;ECD;ECD	0.0635358	0.1889662	0.47901	-2.08703	0.0147878	0.334124	-2.9933	0.0145475	0.150965	6.62423	-1.57637	?	0.0150995	0.14387	-6.95195															
cg26942479	GPR37 NOSTRIN;NOSTRIN;NOSTRIN;NOSTRIN;NOSTRIN;	0.0635368	0.803129	1.07577	1.07577	0.116417	1.64676	1.64676	0.151655	0.638181	-1.56695	0.954101	1.01697	1.01697	0.59341	0.854195	-1.17069														
cg00174992	NOSTRIN;NOSTRIN;NOSTRIN	0.0635374

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23275998	ATXN7L1;ATXN7L1	0.063572	0.217497	0.825226	-1.21179	0.450294	0.892351	-1.12064	0.00259454	0.539049	-1.85512	0.482866	0.899791	-1.11137	0.0574623	0.727502	-1.37457
cg14855334	CYP11A1;CYP11A1	0.0635746	0.180209	6.26771	6.26771	0.0514921	17.4442	17.4442	0.304572	3.94023	3.94023	0.101457	10.1016	10.1016	0.0202676	36.9588	36.9588
cg07544356	ZNF274;ZNF274;ZNF274	0.0635766	0.419068	1.36306	1.36306	0.0107223	0.300301	-3.32999	0.98905	1.00516	1.00516	0.222508	0.618215	-1.61756	0.472112	0.760046	-1.31571
cg00986184	PPDPF	0.0635773	0.546193	1.17002	1.17002	0.0080072	0.417401	-2.39578	0.330679	0.772544	-1.29442	0.257451	1.35507	1.35507	0.296524	0.757081	-1.32086
cg12592965	HNRNPAB;HNRNPAB;HNRNPAB;HNRNPAB	0.0635775	0.169385	1.24678	1.24678	0.251798	0.834953	-1.19767	0.0614527	1.37361	1.37361	0.559162	0.914852	-1.09307	0.677925	0.939016	-1.06495
cg03861044	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.0635786	0.232708	1.35548	1.35548	0.435957	1.21309	1.21309	0.0147068	0.481992	-2.07472	0.266354	0.75467	-1.32508	0.0958644	0.64113	-1.55974
cg22671342	FAIM3;IL24;FAIM3;FAIM3;IL24	0.0635816	0.0315916	0.107888	-9.2689	0.0169448	0.0763144	-13.1037	0.030279	0.105393	-9.48826	0.209265	0.310631	-3.21925	0.0272169	0.0993683	-10.0636
cg00812580	NOSIP	0.0635831	0.2887	1.26294	1.26294	0.00462204	0.449898	-2.22273	0.137992	0.712818	-1.40288	0.420876	1.1904	1.1904	0.72611	1.07739	1.07739
cg08099293	HCP5	0.0635854	0.135769	3.33867	3.33867	0.00327192	20.2084	20.2084	0.215704	2.65682	2.65682	0.742766	0.781165	-1.28014	0.0557255	5.08145	5.08145
cg20395646	KDM2B;KDM2B	0.0635882	0.0269589	0.191704	-5.21637	0.0104409	0.130953	-7.63634	0.0945985	0.313944	-3.18528	0.538908	0.675512	-1.48036	0.017618	0.161889	-6.17707
cg00816770	FREM3	0.0635888	0.0676005	4.77131	4.77131	0.0492896	5.54261	5.54261	0.0628331	4.93997	4.93997	0.143087	3.32354	3.32354	0.123741	3.56888	3.56888
cg24181062	LSAMP	0.063589	0.450105	0.768872	-1.30061	0.812503	0.922052	-1.08454	0.595422	0.832742	-1.20085	0.550258	0.813489	-1.22927	0.00569603	0.289847	-3.4501
cg26648488	LONP1	0.0635902	0.0606706	0.648677	-1.5416	0.611859	1.1104	1.1104	0.0566899	0.643101	-1.55496	0.586	0.893552	-1.11913	0.424786	1.18153	1.18153
cg03001276	KIF25;KIF25	0.063591	0.0311594	0.565482	-1.7684	0.888653	1.03208	1.03208	0.960935	1.0111	1.0111	0.729675	0.924787	-1.08133	0.00637552	0.449235	-2.22601
cg19599827	EXOC2	0.0635927	0.113795	0.252682	-3.95755	0.353348	0.466017	-2.14585	0.0695004	0.197238	-5.07001	0.16716	0.308073	-3.24598	0.00995158	0.0740666	-13.5014
cg11095315	PABPN1	0.0635928	0.155222	1.18167	1.18167	0.0355323	0.761655	-1.31293	0.468191	0.922771	-1.08369	0.241406	0.874486	-1.14353	0.0122196	0.703791	-1.42088
cg27559842	TULP4;TULP4	0.0635929	0.80085	0.943557	-1.05982	0.0217356	0.530875	-1.88368	0.180899	0.721414	-1.38617	0.304023	0.782946	-1.27723	0.989101	0.996865	-1.00314
cg13984701	COL5A1	0.0635933	0.00262622	0.213216	-4.69007	0.656042	1.18097	1.18097	0.21111	0.613302	-1.63052	0.66123	0.849058	-1.17778	0.361308	0.70595	-1.41653
cg05527113	ANKDD1A	0.0635934	0.0943196	0.593882	-1.68384	0.753936	0.914766	-1.09318	0.0549507	1.85265	1.85265	0.0278416	2.08854	2.08854	0.036097	1.99487	1.99487
cg01911060	TMCO4	0.0635947	0.628962	0.914192	-1.09386	0.00496061	1.98468	1.98468	0.950354	1.01154	1.01154	0.59165	0.905035	-1.10493	0.100635	0.717942	-1.39287
cg26053291	FLJ40330	0.0635948	0.812635	0.784997	-1.27389	0.0592576	8.76742	8.76742	0.0935852	0.152582	-6.55383	0.172161	4.39985	4.39985	0.0972018	0.156342	-6.39623
cg07430136	LATS2	0.0635957	0.074211	0.718996	-1.39083	0.397044	1.15466	1.15466	0.00975601	0.581601	-1.71939	0.293823	0.834796	-1.1979	0.474475	0.886374	-1.12819
cg07080867	CLDN22	0.0635964	0.168167	1.30996	1.30996	0.130633	1.35	1.35	0.0656958	0.684066	-1.46185	0.0775527	1.4343	1.4343	0.106519	1.38265	1.38265
cg05827944	HYDIN;HYDIN	0.0635989	0.468318	0.825363	-1.21159	0.00967608	2.3432	2.3432	0.78994	1.07192	1.07192	0.218427	1.40034	1.40034	0.0155408	2.16386	2.16386
cg26944981	RHOT1;RHOT1;RHOT1	0.0635991	0.485034	1.25851	1.25851	0.0103009	0.350766	-2.85091	0.231748	0.666005	-1.50149	0.859106	1.05927	1.05927	0.117277	1.73558	1.73558
cg14503441	C9orf3	0.0635993	0.899592	1.05379	1.05379	0.66008	0.832189	-1.20165	0.178039	0.552114	-1.81122	0.424315	1.40308	1.40308	0.467507	0.735766	-1.35913
cg05981033	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;FLJ30679	0.0636003	0.109766	0.47208	-2.11828	0.059893	2.4943	2.4943	0.721086	0.856979	-1.16689	0.715465	1.17072	1.17072	0.0156226	0.279089	-3.58309
cg17113216	THAP9	0.0636003	0.975338	1.00421	1.00421	0.399184	0.889305	-1.12447	0.241616	1.18128	1.18128	0.0629463	1.3289	1.3289	0.0324437	0.711528	-1.40543
cg23958319	NCAM1;NCAM1	0.0636004	0.447245	1.26624	1.26624	0.0184185	2.3902	2.3902	0.00326686	3.39358	3.39358	0.821642	1.07123	1.07123	0.673317	1.13794	1.13794
cg19066171	SLC4A4;SLC4A4	0.0636015	0.482222	1.23691	1.23691	0.957432	0.984236	-1.01602	0.374041	0.76214	-1.31209	0.305368	0.729098	-1.37156	0.722437	1.11201	1.11201
cg24437523	ATP1A2;ATP1A2	0.0636022	0.0162247	0.165045	-6.05894	0.0299826	0.209207	-4.77996	0.230534	0.462672	-2.16136	0.30747	0.523446	-1.91042	0.01276	0.150188	-6.65833
cg22793634	PGM1;PGM1	0.0636026	0.0304197	1.34799	1.34799	0.300298	0.88163	-1.13426	0.120396	1.21863	1.21863	0.261697	0.871641	-1.14726	0.214331	0.857748	-1.16584
cg25740513	PSMD2	0.0636053	0.562132	0.7725	-1.2945	0.040694	0.353217	-2.83112	0.0666171	0.404217	-2.47392	0.0364847	0.342814	-2.91704	0.771919	1.13656	1.13656
cg04935666	PACS2;PACS2	0.0636058	0.187477	0.551856	-1.81207	0.0883434	2.22593	2.22593	0.456421	0.724137	-1.38095	0.131352	2.00005	2.00005	0.00521273	0.208323	-4.80024
cg19677259	MTL5	0.0636059	0.3977	0.858482	-1.16485	0.519875	1.12182	1.12182	0.472697	0.879236	-1.13735	0.201118	0.78828	-1.26858	0.00412136	0.507654	-1.96985
cg09306577	MFN2;MFN2	0.0636063	0.131461	1.24757	1.24757	0.169617	1.21987	1.21987	0.00774782	1.59136	1.59136	0.313084	1.15228	1.15228	0.600931	1.07433	1.07433
cg03449175	HIST3H2BB;HIST3H2A;HIST3H2A	0.0636068	0.454752	0.907391	-1.10206	0.763741	1.03922	1.03922	0.732824	1.04471	1.04471	0.457297	0.907907	-1.10143	0.00613569	0.633558	-1.57839
cg22016995	IRF7;IRF7;IRF7	0.0636076	0.156074	0.359749	-2.77972	0.137357	2.93901	2.93901	0.0350467	5.23097	5.23097	0.163667	2.72225	2.72225	0.0141218	0.129946	-7.6955
cg12267000	CIDECP;FANCD2;FANCD2	0.0636098	0.0926233	2.23288	2.23288	0.587865	1.26809	1.26809	0.656833	1.21421	1.21421	0.0438224	2.73386	2.73386	0.665571	1.20776	1.20776
cg16787199	BCL2L10	0.0636099	0.0647681	0.390674	-2.55968	0.140809	0.48782	-2.04994	0.00838935	0.217436	-4.59906	0.447439	0.704095	-1.42026	0.294182	0.610787	-1.63723
cg04926556	UPP1;UPP1	0.0636101	0.477563	0.908168	-1.10112	0.206566	1.19447	1.19447	0.381313	1.12725	1.12725	0.0623815	0.755929	-1.32288	0.369986	0.884432	-1.13067
cg14570652	NOTCH1	0.0636116	0.344309	1.7189	1.7189	0.0504357	3.4552	3.4552	0.0532211	3.39166	3.39166	0.0931233	2.79326	2.79326	0.0646726	0.315385	-3.17072
cg09537107	GRIN2D	0.0636116	0.185171	1.45247	1.45247	0.52681	1.18572	1.18572	0.902114	1.03323	1.03323	0.00528048	0.376483	-2.65616	0.879707	1.04105	1.04105
cg08383399	CSMD1	0.0636146	0.053998	0.583985	-1.71237	0.327861	1.28193	1.28193	0.463504	1.20141	1.20141	0.65687	1.11622	1.11622	0.123184	0.663206	-1.50783
cg15792395	SHFM1;SHFM1	0.063617	0.803035	1.04719	1.04719	0.721335	1.06831	1.06831	0.632604	0.914967	-1.09294	0.761799	1.0577	1.0577	0.844966	0.964522	-1.03678
cg09317128	TMEM165	0.0636196	0.0198671	0.313569	-3.18909	0.0070198	0.23745	-4.21141	0.0518827	0.401532	-2.49046	0.437766	0.721447	-1.3861	0.104705	0.481206	-2.07811
cg20211463	SLCO5A1;SLCO5A1;SLCO5A1	0.06362	0.113362	6.59852	6.59852	0.071361	9.07437	9.07437	0.0441322	12.586	12.586	0.137777	5.75594	5.75594	0.802736	1.31537	1.31537
cg00193668	HINT2	0.0636202	0.770019	1.12261	1.12261	0.00389438	4.63381	4.63381	0.918362	1.04128	1.04128	0.0765223	2.17559	2.17559	0.9401	1.03009	1.03009
cg01240931	APC;APC;APC	0.0636219	0.0382335	1.71488	1.71488	0.200125	0.73791	-1.35518	0.0165956	1.92902	1.92902	0.0932337	1.51385	1.51385	0.359009	1.2359	1.2359
cg21570702	LRTOMT;C11orf59;LRTOMT;LRTOMT	0.0636236	0.764321	0.949192	-1.05353	0.035156	0.653402	-1.53045	0.0483758	1.4787	1.4787	0.71102	1.06666	1.06666	0.230426	0.803971	-1.24383
cg06105699	ASPSCR1	0.0636238	0.260963	0.542302	-1.84399	0.259323	1.84822	1.84822	0.363635	1.62792	1.62792	0.778903	1.15825	1.15825	0.159627	0.456403	-2.19105
cg20193910	USP13	0.063625	0.165107	0.656344	-1.52359	0.0287583	0.480249	-2.08225	0.201327	0.681311	-1.46776	0.159547	0.652178	-1.53332	0.0627902	0.551372	-1.81366
cg09673602	RNF39;RNF39	0.0636263	0.127872	0.643115	-1.55493	0.0196758	2.12891	2.12891	0.836399	1.05702	1.05702	0.935358	1.02199	1.02199	0.274667	0.737275	-1.35635
cg01183711	GALNS	0.0636273	0.191827	0.70887	-1.4107	0.294897	0.762982	-1.31065	0.00315804	0.36623	-2.73053	0.59338	0.874402	-1.14364	0.0433555	0.560657	-1.78362
cg17221316	LOC158696	0.0636295	0.32943	1.50767	1.50767	0.446701	0.728787	-1.37214	0.386307	0.696097	-1.43658	0.148989	0.5319	-1.88005	0.0253091	0.337997	-2.9586
cg20931972	CD38	0.06363	0.744268	1.16908	1.16908	0.381823	0.651771	-1.53428	0.00855106	0.201675	-4.95847	0.0200987	0.262285	-3.81264	0.806985	1.12392	1.12392
cg03956426	MEIS3P1	0.0636319	0.616525	0.741349	-1.34889	0.0559221	0.277026	-3.60977	0.103712	0.348295	-2.87113	0.151263	0.401904	-2.48816	0.0168099	0.177392	-5.63723
cg20144261	HAR1B;HAR1A	0.0636346	0.897832	1.05714	1.05714	0.977207	0.987718	-1.01243	0.232999	0.582196	-1.71763	0.785112	1.12549	1.12549	0.68328	1.19415	1.19415
cg23509272	GHDC;GHDC;GHDC;GHDC	0.0636347	0.0370978	0.338733	-2.95218	0.221911	0.563174	-1.77565	0.84767	0.917585	-1.08982	0.145513	0.497079	-2.01175	0.026897	0.30967	-3.22924
cg19823504	SEMA6B	0.0636347	0.900539	0.976537	-1.02403	0.769422	1.0574	1.0574	0.968221	1.00759	1.00759	0.0530652	0.658763	-1.518	0.340138	0.829715	-1.20523
cg18412777	MGC16121;MIR424;MIR503	0.063635	0.0362953	9.88564	9.88564	0.0646827	7.05095	7.05095	0.534907	1.80671	1.80671	0.689551	1.45929	1.45929	0.69217	1.45434	1.45434
cg24706505	LYL1	0.0636367	0.205941	1.35759	1.35759	0.0438065	0.588052	-1.70053	0.0667493	0.62439	-1.60156	0.940555	0.983056	-1.01724	0.019223	1.91362	1.91362
cg07550595	ARHGEF10	0.0636396	0.909155	0.969087	-1.0319	0.00819514	2.53611	2.53611	0.0649672	1.76844	1.76844	0.322644	1.32452	1.32452	0.104685	0.613936	-1.62883
cg10702309	HES1	0.0636407	0.119331	0.656309	-1.52367	0.0302771	1.88624	1.88624	0.0595502	1.6986	1.6986	0.315213	0.772023	-1.2953	0.414819	1.23081	1.23081
cg16920538	TNKS1BP1	0.0636408	0.875912	0.97636	-1.02421	0.256422	1.19884	1.19884	0.218831	0.820377	-1.21895	0.231704	1.21172	1.21172	0.891726	0.979366	-1.02107
cg26248878	C14orf39	0.0636439	0.385137	0.631109	-1.58451	0.38702	1.58149	1.58149	0.101448	2.52693	2.52693	0.507819	1.41525	1.41525	0.160832	2.16907	2.16907
cg17608706	MAFK	0.0636443	0.090278	0.402998	-2.4814	0.199682	0.517038	-1.93409	0.0163385	0.239495	-4.17546	0.923177	0.954126	-1.04808	0.111106	0.429547	-2.32804
cg07861603	CCDC64B	0.0636454	0.035054	0.141215	-7.08141	0.0128163	0.0850927	-11.7519	0.244411	0.378824	-2.63975	0.505863	0.583868	-1.71272	0.0320768	0.135126	-7.40049
cg26234233	GALNTL4	0.0636455	0.717029	1.13194	1.13194	0.00189092	4.47879	4.47879	0.0448596	2.1901	2.1901	0.635296	1.17666	1.17666	0.597071	1.19918	1.19918
cg20062978	NUP153	0.0636459	0.551	0.836462	-1.19551	0.00625838	0.348338	-2.87077	0.0209502	0.439398	-2.27584	0.345342	1.33336	1.33336	0.521083	0.824866	-1.21232
cg11719885	SERPINE2;SERPINE2;SERPINE2	0.0636502	0.104136	0.673956	-1.48378	0.172185	1.38089	1.38089	0.793247	1.06007	1.06007	0.844723	1.04451	1.04451	0.138159	0.701496	-1.42552
cg00089091	DPP10;DPP10	0.0636505	0.367345	0.832922	-1.20059	0.98475	0.996234	-1.00378	0.0107736	1.88223	1.88223	0.644243	1.09615	1.09615	0.230742	0.780202	-1.28172
cg26434090	DSCAML1	0.0636533	0.94432	0.979458	-1.02097	0.00873831	0.370572	-2.69853	0.0505586	0.515749	-1.93893	0.116787	1.65926	1.65926	0.633622	0.867019	-1.15338
cg11046169	ANAPC4	0.063655	0.0382825	1.50066	1.50066	0.300825	0.834226	-1.19872	0.291861	0.831189	-1.2031	0.187065	1.2667	1.2667	0.0438685	1.47935	1.47935
cg21959619	FBXL6;GPR172A;FBXL6	0.0636551	0.0342772	0.198818	-5.02973	0.503321	0.641304	-1.55932	0.721501	0.791277	-1.26378	0.19213	0.405333	-2.4671	0.0179698	0.152504	-6.55719
cg06397345	CELSR1	0.0636567	0.185028	1.33428	1.33428	0.00572541	2.10271	2.10271	0.0354332	0.605042	-1.65278	0.445794	1.17287	1.17287	0.70531	0.925014	-1.08106
cg14101117	PARK2;PARK2;PARK2	0.0636576	0.0367807	0.52011	-1.92267	0.381748	1.27347	1.27347	0.794699	1.0728	1.0728	0.735898	1.09552	1.09552	0.0231273	0.481016	-2.07893
cg03358113	MAD1L1;MAD1L1;MAD1L1	0.0636593	0.0165448	0.317516	-3.14945	0.581467	0.803989	-1.2438	0.280553	0.644341	-1.55197	0.724952	0.870727	-1.14847	0.00395155	0.21891	-4.56808
cg12514933	PMEPA1;PMEPA1;PMEPA1	0.0636594	0.700616	0.932126	-1.07282	0.29618	0.821133	-1.21783	0.846116	1.03598	1.03598	0.898174	0.976977	-1.02357	0.320498	0.829651	-1.20533
cg25513924	MASP1;MASP1;MASP1;MASP1;MASP1;MASP1	0.0636596	0.212351	0.522294	-1.91463	0.0272279	0.274656	-3.64092	0.25032	0.552119	-1.8112	0.408622	0.658425	-1.51878	0.0333511	0.292405	-3.41991
cg08043656	FLJ37307;FLJ37307	0.0636628	0.937838	1.02535	1.02535	0.210572	1.52727	1.52727	0.456328	1.27574	1.27574	0.53385	1.22417	1.22417	0.564267	0.829369	-1.20574
cg02330246	NDEL1;NDEL1	0.0636638	0.0812261	0.79406	-1.25935	0.266926	1.14795	1.14795	0.126146	1.21824	1.21824	0.973235	1.00401	1.00401	0.168223	0.839306	-1.19146
cg06313775	DSN1;DSN1;DSN1;DSN1;DSN1	0.0636645	0.0394736	0.215233	-4.64613	0.0369402	0.209584	-4.77137	0.109634	0.324725	-3.07953	0.175309	0.394756	-2.53321	0.0178145	0.156034	-6.40886
cg16611852	RNF187	0.0636651	0.0281697	0.681754	-1.4668	0.584711	0.921675	-1.08498	0.371985	1.14507	1.14507	0.317132	0.858274	-1.16513	0.0869967	0.7563	-1.32223
cg05346878	TACSTD2	0.0636656	0.0892282	0.702755	-1.42297	0.0159695	0.5739	-1.74247	0.532734	0.887869	-1.12629	0.0579377	0.668	-1.49701	0.00721502	0.520666	-1.92062
cg00906926	CCDC42B	0.0636658	?	?	?	0.0513045	0.150679	-6.63663	0.0103752	0.0569402	-17.5623	0.903107	0.905762	-1.10404	0.290499	2.46806	2.46806
cg04708585	DOK6	0.0636668	0.719036	1.07796	1.07796	0.101501	0.688956	-1.45147	0.434903	1.18005	1.18005	0.255936	0.781581	-1.27946	0.00937768	0.504318	-1.98287
cg25492645	GALNT3	0.0636676	0.124667	2.966	2.966	0.00298144	14.3642	14.3642	0.0472089	4.41546	4.41546	0.574618	1.44902	1.44902	0.413671	1.7273	1.7273
cg21286967	DDAH2	0.0636684	0.139653	2.50376	2.50376	0.00836265	6.99812	6.99812	0.0484804	3.67531	3.67531	0.0210223	4.96716	4.96716	0.927491	0.948801	-1.05396
cg19713980	CAMKK1;CAMKK1;CAMKK1	0.0636702	0.173302	1.8547	1.8547	0.0176464	3.4236	3.4236	0.476106	1.36195	1.36195	0.178392	1.83967	1.83967	0.171628	0.537705	-1.85975
cg02531859	TXNDC3	0.0636711	0.53675	0.831991	-1.20194	0.00265445	0.294518	-3.39538	0.0963956	0.584627	-1.71049	0.262798	0.709424	-1.40959	0.0485955	0.515603	-1.93948
cg19246197	USP2;USP2	0.0636711	0.201602	0.350358	-2.85423	0.00442065	19.1964	19.1964	0.0500065	5.68744	5.68744	0.877689	1.12725	1.12725	0.284795	0.421423	-2.37291
cg08847991	TAOK1	0.063672	0.186091	0.800113	-1.24982	0.0172952	0.630508	-1.58602	0.0394623	1.46072	1.46072	0.591415	1.09002	1.09002	0.315768	1.17939	1.17939
cg26073844	GSDMC;GSDMC	0.0636723	0.311538	0.655564	-1.52541	0.017617	0.312028	-3.20485	0.054532	0.414905	-2.41019	0.481691	0.749441	-1.33433	0.100806	0.484389	-2.06446
cg10522447	CLIC4	0.0636733	0.738592	0.929842	-1.07545	0.561859	0.880394	-1.13585	0.766257	1.06689	1.06689	0.0187306	1.85659	1.85659	0.240095	0.76556	-1.30623
cg05338577	WDHD1;WDHD1;SOCS4;SOCS4;WDHD1;WDHD1	0.0636747	0.974736	0.973268	-1.02747	0.934661	0.932246	-1.07268	0.629794	1.51596	1.51596	0.812259	0.815756	-1.22586	0.364636	2.22639	2.22639
cg17817709	PLOD2;PLOD2	0.0636752	0.108911	0.851158	-1.17487	0.26699	0.898887	-1.11249	0.017319	1.30628	1.30628	0.899217	0.988388	-1.01175	0.650089	1.04299	1.04299
cg05259872	PALLD;PALLD;PALLD	0.0636757	0.226406	0.420929	-2.3757	0.00259081	0.0581968	-17.1831	0.0195529	0.146279	-6.83624	0.702748	0.770124	-1.29849	0.17628	0.37553	-2.6629
cg13458609	ENG;ENG	0.0636757	0.0328058	0.264816	-3.7762	0.0403353	0.283567	-3.52651	0.603	0.75638	-1.32209	0.278967	0.549371	-1.82026	0.0126283	0.192055	-5.20683
cg02010152	HLA-DOB	0.0636758	0.63639	0.758413	-1.31854	0.0578151	0.287803	-3.47459	0.0527955	0.278527	-3.59031	0.0524076	0.277788	-3.59987	0.0182019	0.189227	-5.28465
cg12827188	FGA;FGA	0.063676	0.582625	1.13994	1.13994	0.00720512	2.26705	2.26705	0.0742293	0.625349	-1.59911	0.0754835	0.626894	-1.59516	0.865555	1.0408	1.0408
cg11633422	TRIO	0.063678	0.650235	0.886063	-1.12859	0.00499361	2.67672	2.67672	0.0625557	1.74264	1.74264	0.749809	0.918712	-1.08848	0.091585	0.611228	-1.63605
cg04328562	CNN1;CNN1	0.0636799	0.0642387	0.377981	-2.64564	0.030457	0.304218	-3.28712	0.0132144	0.237607	-4.20862	0.460573	0.703627	-1.42121	0.200096	0.530836	-1.88382
cg20203297	GNPTAB	0.0636799	0.401725	0.856903	-1.16699	0.991402	0.998063	-1.00194	0.925372	1.017	1.017	0.363147	1.18314	1.18314	0.0766759	1.42518	1.42518
cg14289319	ORAI1	0.06368	0.120022	0.549644	-1.81936	0.708933	1.14232	1.14232	0.241297	0.6471	-1.54536	0.383749	0.728385	-1.3729	0.00267839	0.229261	-4.36185
cg19506380	MTDH	0.0636801	0.0250322	0.210459	-4.75152	0.0434664	0.257343	-3.88586	0.0530156	0.276579	-3.61561	0.207467	0.459773	-2.17499	0.108365	0.359202	-2.78395
cg07115559	HSPA8;HSPA8	0.063682	0.289661	0.86352	-1.15805	0.0103146	0.649524	-1.53959	0.245285	0.850219	-1.17617	0.490507	0.910729	-1.09802	0.824713	0.970817	-1.03006
cg25463478	FAM118A;FAM118A	0.0636822	0.967538	1.01237	1.01237	0.904881	1.03678	1.03678	0.333037	1.35218	1.35218	0.00651458	0.343581	-2.91052	0.239118	0.689003	-1.45137
cg16703943	C16orf13;C16orf13;C16orf13;C16orf13;C16orf13	0.0636826	0.13156	0.722691	-1.38372	0.00870133	0.513231	-1.94844	0.928205	0.982181	-1.01814	0.415799	0.847103	-1.18049	0.0542545	0.64675	-1.54619
cg02102832	IFT140	0.0636828	0.0106556	0.383904	-2.60482	0.726914	0.900736	-1.1102	0.00496911	0.329936	-3.03089	0.8443	0.943056	-1.06038	0.122783	0.607401	-1.64636
cg13550148	AHCTF1	0.0636829	0.0138796	0.254951	-3.92233	0.338315	1.55853	1.55853	0.519436	1.34125	1.34125	0.692253	0.836232	-1.19584	0.0306008	0.319146	-3.13336
cg22245862	TMEM175	0.063684	0.436519	0.615264	-1.62532	0.00467742	9.98284	9.98284	0.0449193	4.08911	4.08911	0.215908	2.21867	2.21867	0.404755	0.593555	-1.68476
cg08107079	SPG20;SPG20;SPG20;SPG20	0.0636865	0.696474	1.10887	1.10887	0.103414	0.6253	-1.59923	0.0525545	0.559324	-1.78787	0.174857	1.46286	1.46286	0.0538999	1.78049	1.78049
cg11484872	TNF	0.063687	0.0642073	0.570344	-1.75333	0.52146	1.19178	1.19178	0.00508849	0.367979	-2.71755	0.777277	0.926287	-1.07958	0.0268239	0.492553	-2.03024
cg05652886	UBE2F	0.063688	0.120945	0.809228	-1.23575	0.341093	1.13143	1.13143	0.034288	1.36456	1.36456	0.0330277	0.730687	-1.36857	0.402885	0.897853	-1.11377
cg01156370	COL11A2;COL11A2;COL11A2	0.0636915	0.601863	0.930301	-1.07492	0.0425866	1.37774	1.37774	0.190301	1.20969	1.20969	0.190115	0.826581	-1.2098	0.0671715	0.754592	-1.32522
cg25512587	SLC2A6;SLC2A6	0.0636919	0.222857	0.832356	-1.20141	0.0345435	1.42348	1.42348	0.908086	0.983591	-1.01668	0.540175	1.0929	1.0929	0.161093	1.23915	1.23915
cg00596207	TEKT4	0.0636922	?	?	?	0.155335	0.621195	-1.6098	0.219311	0.667321	-1.49853	0.438552	1.2807	1.2807	0.00832496	0.347841	-2.87487
cg21550580	MAGI1;MAGI1;MAGI1	0.0636941	0.0355918	0.562181	-1.77879	0.0858365	0.639578	-1.56353	0.0338956	0.558172	-1.79156	0.00674644	0.437407	-2.2862	0.410309	0.82018	-1.21924
cg24874557	TOLLIP	0.063695	0.800789	1.14063	1.14063	0.124734	2.37483	2.37483	0.0170751	4.54097	4.54097	0.0149094	4.75008	4.75008	0.724024	0.831526	-1.20261
cg23533073	FOXN3;FOXN3	0.0636959	0.903127	1.02331	1.02331	0.578472	1.11206	1.11206	0.0538155	0.660788	-1.51334	0.84111	0.962727	-1.03872	0.12503	0.73035	-1.36921
cg08159663	NLRC5	0.0636978	0.0118214	0.384904	-2.59805	0.8408	1.06299	1.06299	0.0579768	0.521553	-1.91735	0.049192	0.505634	-1.97771	0.407706	0.773189	-1.29334
cg02043070	ADSSL1	0.0636985	0.64881	1.35623	1.35623	0.509193	1.5605	1.5605	0.156024	2.74172	2.74172	0.136278	2.90603	2.90603	0.0115175	8.16796	8.16796
cg26229648	ZFP91-CNTF;CNTF	0.0636987	0.587736	0.841481	-1.18838	0.00521289	0.312759	-3.19735	0.124693	0.592073	-1.68898	0.878356	0.952854	-1.04948	0.00931747	0.353437	-2.82936
cg24298696	PRDM16;PRDM16	0.0637002	0.614725	0.759794	-1.31615	0.0482369	0.294689	-3.39341	0.893117	0.929821	-1.07548	0.427714	0.645141	-1.55005	0.00243871	0.101964	-9.80738
cg23794932	INPP5A	0.0637021	0.12653	1.29704	1.29704	0.797776	0.960403	-1.04123	0.30386	0.845719	-1.18243	0.2287	1.21992	1.21992	0.465769	0.889763	-1.1239
cg17847329	RNF34;RNF34	0.0637024	0.555128	1.10713	1.10713	0.0225904	1.59291	1.59291	0.843377	1.0343	1.0343	0.257699	1.2231	1.2231	0.19827	1.2609	1.2609
cg21172497	PCSK5	0.0637037	0.0785059	0.402713	-2.48316	0.0147017	0.24718	-4.04564	0.00960151	0.217416	-4.59948	0.190178	0.524285	-1.90736	0.026876	0.295209	-3.38743
cg20297873	NEK7	0.0637045	0.0216759	0.221162	-4.52158	0.0255062	0.233895	-4.27542	0.175158	0.454187	-2.20174	0.331216	0.577664	-1.73111	0.0122736	0.181353	-5.51411
cg18682936	ZNF70	0.0637049	0.258431	0.929326	-1.07605	0.0266142	1.17743	1.17743	0.523063	0.960567	-1.04105	0.153306	0.909332	-1.09971	0.0518487	1.14743	1.14743
cg20919922	POLE4	0.0637054	0.0462462	1.50329	1.50329	0.5749	0.903789	-1.10645	0.695088	0.932093	-1.07285	0.0106706	1.77362	1.77362	0.536277	0.894222	-1.11829
cg08108993	PSMD3	0.0637055	0.219774	0.86456	-1.15666	0.416839	1.09811	1.09811	0.684771	0.955011	-1.04711	0.877337	0.98273	-1.01757	0.492298	1.08183	1.08183
cg27578754	PHF14;PHF14	0.0637075	0.0316958	0.342684	-2.91814	0.364791	1.48586	1.48586	0.36894	0.675436	-1.48052	0.645463	1.21774	1.21774	0.730283	1.15854	1.15854
cg24850296	IFLTD1;IFLTD1;IFLTD1;IFLTD1;IFLTD1	0.0637076	0.178039	0.57955	-1.72548	0.063661	0.451705	-2.21384	0.0215492	0.349194	-2.86374	0.215384	0.608324	-1.64386	0.272439	0.647	-1.54559
cg10543624	PPARA;PPARA	0.0637093	0.419835	1.29878	1.29878	0.054668	0.500909	-1.99637	0.00793437	0.339676	-2.94398	0.702726	0.885483	-1.12933	0.363998	1.34431	1.34431

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23275998	0.614568	0.927577	-1.07808	0.149034	1.25749	1.25749	0.807486	0.964499	-1.03681	0.727368	0.949498	-1.05319	3.08706	1.07185	0.308627	1
cg14855334	0.119032	8.864	8.864	0.191368	0.167961	-5.95375	0.0674875	14.043	14.043	0.0287898	27.8127	27.8127	3.08701	81.3218	23.4162	1
cg07544356	0.333236	0.68768	-1.45416	0.311139	0.674955	-1.48158	0.0208843	2.83745	2.83745	0.350308	1.43426	1.43426	3.08697	6.88046	1.98122	1
cg00986184	0.0129398	0.452403	-2.21042	0.490155	1.19748	1.19748	0.946563	0.982914	-1.01738	0.921901	1.02553	1.02553	3.08696	3.23184	0.930606	1
cg12592965	0.696337	1.06087	1.06087	0.0170995	0.645365	-1.54951	0.0310974	1.4641	1.4641	0.86847	0.975338	-1.02529	3.08696	1.10984	0.319579	1
cg03861044	0.662591	0.898787	-1.11261	0.181038	0.708116	-1.4122	0.1277	0.670128	-1.49225	0.0654494	1.65294	1.65294	3.08693	2.88799	0.831601	1
cg22671342	0.0532634	0.143733	-6.95733	0.0542101	0.145129	-6.8904	0.176612	0.281121	-3.55718	0.114946	0.21997	-4.54608	3.08688	38.1538	10.9867	1
cg00812580	0.836922	1.04465	1.04465	0.231617	1.30464	1.30464	0.279812	0.788097	-1.26888	0.114004	0.694598	-1.43968	3.08685	2.19632	0.632452	1
cg08099293	0.468238	0.574964	-1.73924	0.956931	0.96031	-1.04133	0.329844	2.12567	2.12567	0.10197	3.82802	3.82802	3.0868	27.4926	7.91687	1
cg20395646	0.513485	0.658468	-1.51868	0.0283886	0.195652	-5.11112	0.422705	0.59668	-1.67594	0.308047	0.514127	-1.94505	3.08675	19.4374	5.59738	1
cg00816770	0.09171	4.12493	4.12493	0.0237882	7.83833	7.83833	0.0108898	11.4673	11.4673	0.048285	5.59695	5.59695	3.08674	28.4716	8.19896	1
cg24181062	0.973068	0.988536	-1.0116	0.0165251	0.367828	-2.71866	0.389999	1.351	1.351	0.042528	0.450379	-2.22035	3.08674	5.70227	1.64209	1
cg26648488	0.622434	0.903415	-1.10691	0.00775539	2.01333	2.01333	0.826027	1.04608	1.04608	0.295677	1.24848	1.24848	3.08671	2.04752	0.589629	1
cg03001276	0.489867	0.853758	-1.17129	0.105342	1.4901	1.4901	0.494656	0.855291	-1.16919	0.0865915	0.652679	-1.53215	3.0867	2.48378	0.715264	1
cg19599827	0.0477522	0.163675	-6.10966	0.0222611	0.11185	-8.94051	0.755489	1.28372	1.28372	0.0540876	0.174118	-5.74323	3.08666	31.2515	8.99971	1
cg11095315	0.126418	0.833789	-1.19934	0.271179	1.13336	1.13336	0.164617	0.849895	-1.17662	0.113732	0.827488	-1.20848	3.32656	0.60835	0.142237	1
cg27559842	0.362461	0.806417	-1.24005	0.093951	1.52703	1.52703	0.0084062	0.461287	-2.16785	0.646427	1.11201	1.11201	3.08666	2.58292	0.743823	1
cg13984701	0.791246	1.10345	1.10345	0.90118	0.954951	-1.04717	0.107039	0.520567	-1.92098	0.0346357	0.400909	-2.49433	3.08665	6.73116	1.93843	1
cg05527113	0.137144	1.57402	1.57402	0.331027	1.32864	1.32864	0.067297	1.78767	1.78767	0.971891	0.990067	-1.01003	3.08665	3.92396	1.13002	1
cg01911060	0.04242	0.650088	-1.53825	0.915673	0.980673	-1.01971	0.779784	0.949662	-1.05301	0.532419	1.12358	1.12358	3.08663	1.65978	0.477984	1
cg26053291	0.201873	0.253128	-3.95058	0.428385	0.438556	-2.28021	0.625233	0.605404	-1.65179	0.0232238	15.8953	15.8953	3.08662	50.8088	14.632	1
cg07430136	0.89545	0.978434	-1.02204	0.0261519	1.54892	1.54892	0.465301	0.884067	-1.13114	0.718375	0.941713	-1.06189	3.08661	1.34426	0.387122	1
cg07080867	0.669239	1.08221	1.08221	0.0372893	1.55954	1.55954	0.0959514	0.714529	-1.39952	0.59356	1.1041	1.1041	3.08659	1.65216	0.475795	1
cg05827944	0.381608	1.2629	1.2629	0.164713	0.680076	-1.47042	0.634161	0.882763	-1.13281	0.679732	0.897648	-1.11402	3.08655	3.30733	0.952473	1
cg26944981	0.0381265	2.17902	2.17902	0.17138	0.623807	-1.60306	0.641394	0.858985	-1.16417	0.915517	1.03499	1.03499	3.08654	5.13363	1.47843	1
cg14503441	0.275003	1.60221	1.60221	0.991917	1.00421	1.00421	0.00220241	5.93811	5.93811	0.210539	1.72911	1.72911	3.08654	8.42127	2.42523	1
cg05981033	0.525863	1.31882	1.31882	0.25332	0.598307	-1.67138	0.19575	1.80231	1.80231	0.0740369	0.424363	-2.35647	3.08652	9.06139	2.6096	1
cg17113216	0.0498237	0.737793	-1.35539	0.0382693	0.72154	-1.38593	0.900873	0.983205	-1.01708	0.420821	1.11827	1.11827	3.08652	0.903113	0.260088	1
cg23958319	0.454186	1.26153	1.26153	0.0964101	1.74413	1.74413	0.0630095	1.89138	1.89138	0.524859	1.21697	1.21697	3.08652	4.53936	1.30729	1
cg19066171	0.206754	1.48644	1.48644	0.241351	0.694136	-1.44064	0.00247982	3.49759	3.49759	0.340904	1.33931	1.33931	3.0865	4.33177	1.24752	1
cg24437523	0.0330812	0.21722	-4.60363	0.056679	0.266652	-3.75021	0.405852	0.59388	-1.68384	0.155939	0.394495	-2.53489	3.08648	18.3535	5.28569	1
cg22793634	0.115683	1.22228	1.22228	0.015933	1.41404	1.41404	0.703065	1.04598	1.04598	0.52721	1.07809	1.07809	3.08647	0.673438	0.193947	1
cg25740513	0.0258914	0.31197	-3.20543	0.0114988	0.248508	-4.02401	0.974849	0.986211	-1.01398	0.220173	0.566803	-1.76428	3.08642	9.48123	2.73059	1
cg04935666	0.39578	0.690678	-1.44785	0.893094	0.944387	-1.05889	0.532302	0.764007	-1.30889	0.240873	0.593043	-1.68622	3.08641	8.85212	2.54942	1
cg19677259	0.198344	1.27066	1.27066	0.131045	1.33281	1.33281	0.905778	1.02108	1.02108	0.219136	0.796349	-1.25573	3.08641	1.51775	0.437114	1
cg09306577	0.462517	0.903395	-1.10694	0.0499083	0.738029	-1.35496	0.660324	1.06192	1.06192	0.125212	1.25287	1.25287	3.0864	0.902025	0.259785	1
cg03449175	0.0743939	0.775907	-1.28881	0.0125152	0.67267	-1.48661	0.367898	0.888654	-1.1253	0.572958	1.07541	1.07541	3.08639	0.796301	0.229337	1
cg22016995	0.900672	1.08777	1.08777	0.648094	1.36287	1.36287	0.672972	0.75125	-1.33111	0.317748	2.00527	2.00527	3.08638	22.188	6.39022	1
cg12267000	0.278417	0.613109	-1.63103	0.016715	0.2814	-3.55366	0.658028	0.824181	-1.21333	0.0581182	2.53352	2.53352	3.08634	9.20987	2.65252	1
cg16787199	0.0616442	0.385268	-2.5956	0.0151622	0.258772	-3.8644	0.112948	0.457605	-2.18529	0.0463012	0.355449	-2.81334	3.08633	10.036	2.89046	1
cg04926556	0.594466	0.930831	-1.07431	0.00388124	0.595244	-1.67998	0.101302	0.787154	-1.2704	0.750787	0.958387	-1.04342	3.08633	0.869777	0.250503	1
cg14570652	0.0157208	5.18686	5.18686	0.583009	1.36113	1.36113	0.765919	0.847024	-1.1806	0.597705	1.34465	1.34465	3.0863	15.115	4.35329	1
cg09537107	0.0341082	0.518471	-1.92875	0.375484	0.785355	-1.27331	0.318953	1.3147	1.3147	0.7015	1.10772	1.10772	3.0863	3.44926	0.993426	1
cg08383399	0.245893	0.741977	-1.34775	0.00703997	0.424562	-2.35537	0.465841	1.20022	1.20022	0.305909	1.29782	1.29782	3.08624	2.95583	0.851329	1
cg15792395	0.00103409	0.407898	-2.45159	0.931345	1.01603	1.01603	0.686935	1.07762	1.07762	0.883705	1.02737	1.02737	3.0862	1.664	0.479267	1
cg09317128	0.245953	0.606213	-1.64959	0.0367437	0.367558	-2.72066	0.990555	1.00489	1.00489	0.612995	0.810269	-1.23416	3.08615	8.31633	2.39531	1
cg20211463	0.422081	2.45491	2.45491	0.00592245	51.5311	51.5311	0.0169741	24.248	24.248	0.299486	3.24651	3.24651	3.08614	58.6201	16.8841	1
cg00193668	0.610161	1.2249	1.2249	0.500187	0.763391	-1.30994	0.0170248	3.15132	3.15132	0.725241	1.14937	1.14937	3.08614	7.60735	2.19112	1
cg01240931	0.802781	0.945354	-1.0578	0.375908	1.22638	1.22638	0.833698	1.04835	1.04835	0.0182256	1.9034	1.9034	3.0861	2.46485	0.709949	1
cg21570702	0.966559	0.992756	-1.0073	0.00799087	0.554571	-1.8032	0.878868	1.0268	1.0268	0.799681	1.04508	1.04508	3.08607	1.46996	0.423395	1
cg06105699	0.275849	1.807	1.807	0.00325205	0.123123	-8.12197	0.493495	1.43759	1.43759	0.899686	0.936294	-1.06804	3.08607	13.3158	3.83539	1
cg20193910	0.017218	0.438091	-2.28263	0.042136	0.513859	-1.94606	0.596536	1.16408	1.16408	0.0276528	0.476913	-2.09682	3.08605	3.95249	1.13845	1
cg09673602	0.0493234	0.547912	-1.82511	0.0279879	0.498472	-2.00613	0.31006	0.754513	-1.32536	0.724403	1.09958	1.09958	3.08602	3.51484	1.0124	1
cg01183711	0.105041	0.643329	-1.55441	0.0264893	0.51939	-1.92534	0.203853	0.71608	-1.39649	0.360572	0.791308	-1.26373	3.086	3.03105	0.873061	1
cg17221316	0.0921185	2.13037	2.13037	0.22456	1.68268	1.68268	0.802854	0.902994	-1.10743	0.0207709	0.321287	-3.11248	3.08596	8.1325	2.34251	1
cg20931972	0.20263	0.526268	-1.90017	0.0394047	0.320694	-3.11824	0.950707	1.02994	1.02994	0.0686762	0.378129	-2.6446	3.08595	11.132	3.2065	1
cg03956426	0.3471	0.563333	-1.77515	0.0061229	0.119976	-8.33499	0.366467	0.576969	-1.7332	0.0434171	0.252383	-3.96224	3.08591	17.1724	4.94647	1
cg20144261	0.224896	1.73566	1.73566	0.00494936	0.199928	-5.00179	0.0190659	0.293044	-3.41246	0.956376	0.976616	-1.02394	3.08586	9.14449	2.63409	1
cg23509272	0.051618	0.371289	-2.69332	0.0184877	0.278641	-3.58884	0.021897	0.292292	-3.42124	0.0864409	0.428665	-2.33282	3.08586	9.77595	2.81598	1
cg19823504	0.0687318	1.47233	1.47233	0.0165782	1.74312	1.74312	0.156243	0.749757	-1.33377	0.132297	0.734601	-1.36128	3.08586	1.76219	0.507604	1
cg18412777	0.0576873	7.53948	7.53948	0.00718314	26.2186	26.2186	0.0245673	12.435	12.435	0.126404	4.7415	4.7415	3.08585	43.2993	12.4725	1
cg24706505	0.967732	1.00931	1.00931	0.706753	1.09046	1.09046	0.0735666	1.57947	1.57947	0.720511	0.920979	-1.0858	3.08582	2.5659	0.739121	1
cg07550595	0.165374	1.50238	1.50238	0.0404579	1.91754	1.91754	0.761081	1.08752	1.08752	0.909059	1.03193	1.03193	3.08577	3.69857	1.06542	1
cg10702309	0.335312	1.28087	1.28087	0.0364864	0.545733	-1.8324	0.713848	1.0961	1.0961	0.281351	1.32175	1.32175	3.08574	3.03361	0.873872	1
cg16920538	0.0700428	1.36355	1.36355	0.00374008	1.82093	1.82093	0.0767845	1.35163	1.35163	0.584954	1.0881	1.0881	3.08574	1.14543	0.329956	1
cg26248878	0.00957149	0.183422	-5.45191	0.332273	1.67708	1.67708	0.38962	1.57733	1.57733	0.0906261	0.381465	-2.62147	3.08568	13.0593	3.76198	1
cg17608706	0.03078	0.290827	-3.43847	0.00982806	0.204163	-4.89804	0.135832	0.457246	-2.18701	0.0967082	0.411582	-2.42965	3.08567	11.5834	3.33682	1
cg07861603	0.129126	0.270596	-3.69555	0.0260682	0.121862	-8.20601	0.0340645	0.139222	-7.18276	0.665792	0.707236	-1.41395	3.08565	31.0505	8.94478	1
cg26234233	0.243631	1.51495	1.51495	0.0577114	2.07649	2.07649	0.714511	1.13325	1.13325	0.740475	1.11983	1.11983	3.08565	5.66556	1.63209	1
cg20062978	0.741893	0.906799	-1.10278	0.797545	1.07906	1.07906	0.0789239	0.561288	-1.78162	0.0895466	0.574589	-1.74037	3.08564	4.28228	1.23361	1
cg11719885	0.0540343	0.615281	-1.62527	0.026932	0.558825	-1.78947	0.968412	0.991244	-1.00883	0.0161611	0.520214	-1.92228	3.08556	2.41031	0.694362	1
cg00089091	0.272437	1.25297	1.25297	0.06727	0.667083	-1.49906	0.165055	0.746498	-1.33959	0.117438	1.39893	1.39893	3.08556	1.90463	0.548688	1
cg26434090	0.788459	1.0832	1.0832	0.264143	0.707595	-1.41324	0.0617246	0.535104	-1.8688	0.399245	1.29234	1.29234	3.0855	4.31538	1.2432	1
cg11046169	0.808073	0.959691	-1.042	0.0112632	1.71041	1.71041	0.943902	0.988173	-1.01197	0.677563	0.93175	-1.07325	3.08547	1.39673	0.402383	1
cg21959619	0.447037	0.602357	-1.66014	0.181539	0.395478	-2.52858	0.0086215	0.111828	-8.94229	0.0268019	0.179817	-5.56121	3.08547	20.9061	6.0228	1
cg06397345	0.494806	0.867425	-1.15284	0.268761	1.26657	1.26657	0.418924	1.18465	1.18465	0.824099	0.955353	-1.04673	3.08544	2.05692	0.592582	1
cg14101117	0.382372	1.27305	1.27305	0.237008	1.39635	1.39635	0.231522	1.40239	1.40239	0.0390314	0.525312	-1.90363	3.08542	3.5487	1.02236	1
cg03358113	0.222799	0.605318	-1.65203	0.487525	1.31837	1.31837	0.623486	1.21396	1.21396	0.237796	0.615955	-1.6235	3.08539	7.50347	2.16172	1
cg12514933	0.854188	1.03404	1.03404	0.142731	1.33191	1.33191	0.00170862	0.44273	-2.25871	0.625961	0.914509	-1.09348	3.08539	1.61742	0.465973	1
cg25513924	0.0573693	0.345438	-2.89488	0.00568993	0.166407	-6.00937	0.0589271	0.348294	-2.87114	0.286983	0.57886	-1.72753	3.08538	11.9475	3.44203	1
cg08043656	0.664605	0.869333	-1.15031	0.00184667	0.241918	-4.13363	0.91736	0.967232	-1.03388	0.232896	0.669292	-1.49412	3.08532	5.03512	1.45063	1
cg02330246	0.76012	1.03721	1.03721	0.0512248	0.767327	-1.30322	0.072342	0.787234	-1.27027	0.0234407	0.723994	-1.38123	3.0853	0.695414	0.200352	1
cg06313775	0.0802931	0.286158	-3.49457	0.0121806	0.133368	-7.49806	0.678517	0.764301	-1.30839	0.113529	0.329398	-3.03584	3.08529	20.3213	5.85469	1
cg16611852	0.021276	1.5055	1.5055	0.250971	0.837554	-1.19395	0.455509	1.11888	1.11888	0.251098	1.19389	1.19389	3.08528	1.06726	0.307484	1
cg05346878	0.358482	0.837169	-1.1945	0.10408	0.715704	-1.39723	0.598184	1.10528	1.10528	0.790396	0.951095	-1.05142	3.08527	1.73115	0.498759	1
cg00906926	0.947622	1.05484	1.05484	0.142712	3.72281	3.72281	0.789736	1.24278	1.24278	?	?	?	3.76109	29.1343	6.63964	1
cg04708585	0.398753	0.835664	-1.19665	0.0350447	1.66587	1.66587	0.469202	1.16535	1.16535	0.436209	0.847838	-1.17947	3.08524	2.11004	0.607922	1
cg25492645	0.0592081	4.02738	4.02738	0.372372	1.82025	1.82025	0.0517853	4.25264	4.25264	0.174303	2.57318	2.57318	3.08523	20.9011	6.02185	1
cg21286967	0.938548	1.04553	1.04553	0.197967	2.19391	2.19391	0.214534	2.12656	2.12656	0.0374284	4.03274	4.03274	3.08521	16.2916	4.69382	1
cg19713980	0.50947	1.33015	1.33015	0.420234	1.4206	1.4206	0.00826345	4.22035	4.22035	0.0881101	2.23081	2.23081	3.08518	8.88138	2.55887	1
cg02531859	0.452777	1.25221	1.25221	0.70118	1.12005	1.12005	0.45153	0.798075	-1.25302	0.898053	0.96301	-1.03841	3.08516	4.22482	1.21724	1
cg19246197	0.660953	1.40954	1.40954	0.574963	0.643621	-1.55371	0.498174	1.70716	1.70716	0.427647	0.53266	-1.87737	3.08516	29.5565	8.51574	1
cg08847991	0.0556801	1.41187	1.41187	0.190225	1.24693	1.24693	0.927187	0.985565	-1.01465	0.849554	1.03067	1.03067	3.08514	1.23645	0.356244	1
cg26073844	0.30249	1.53848	1.53848	0.250668	0.616248	-1.62272	0.775217	0.890947	-1.1224	0.00815624	0.255216	-3.91824	3.08514	7.948	2.28997	1
cg10522447	0.827814	0.953792	-1.04845	0.628827	1.11159	1.11159	0.00474889	2.25789	2.25789	0.702689	0.920082	-1.08686	3.08512	2.30486	0.664081	1
cg05338577	0.93264	0.93022	-1.07501	0.549698	1.68004	1.68004	0.00198252	0.0191169	-52.3097	0.106515	0.216804	-4.61246	3.32475	37.7378	8.82823	1
cg17817709	0.304067	1.10309	1.10309	0.0265913	0.784853	-1.27412	0.11977	0.855912	-1.16834	0.920888	1.0092	1.0092	3.08508	0.415147	0.119614	1
cg05259872	0.724336	0.785667	-1.2728	0.125557	0.323237	-3.0937	0.789032	0.833021	-1.20045	0.877927	0.900585	-1.11039	3.08507	22.6761	6.53355	1
cg13458609	0.105912	0.390726	-2.55934	0.0355025	0.271841	-3.67862	0.928572	1.04887	1.04887	0.0369723	0.275516	-3.62955	3.08507	13.8351	3.98624	1
cg02010152	0.120612	0.376231	-2.65794	0.0152985	0.177455	-5.63524	0.0476691	0.268457	-3.725	0.110402	0.364137	-2.74622	3.08507	16.4752	4.74694	1
cg12827188	0.90098	1.02981	1.02981	0.496972	0.849805	-1.17674	0.96159	0.988699	-1.01143	0.11214	0.664835	-1.50413	3.08507	2.72107	0.784011	1
cg11633422	0.837772	0.947122	-1.05583	0.181839	1.45579	1.45579	0.289207	1.33848	1.33848	0.624405	1.1397	1.1397	3.08503	3.43111	0.988605	1
cg04328562	0.693056	0.830591	-1.20396	0.0199878	0.268819	-3.71998	0.0295627	0.301581	-3.31586	0.128578	0.463687	-2.15663	3.08499	10.6964	3.08199	1
cg20203297	0.0557674	1.47694	1.47694	0.004218	1.99256	1.99256	0.391285	0.853807	-1.17123	0.578601	0.903971	-1.10623	3.08499	1.58194	0.455811	1
cg14289319	0.463769	0.767498	-1.30294	0.0253549	0.389379	-2.56819	0.474209	0.772391	-1.29468	0.126394	0.556127	-1.79815	3.08499	6.15227	1.77267	1
cg19506380	0.488936	0.663029	-1.50823	0.0320201	0.230276	-4.34262	0.0426225	0.255518	-3.91362	0.0165373	0.180586	-5.53751	3.08499	16.6954	4.81051	1
cg07115559	0.58443	1.07653	1.07653	0.0198356	1.45575	1.45575	0.131464	0.804602	-1.24285	0.434608	0.899028	-1.11231	3.08495	0.87097	0.250959	1
cg25463478	0.545869	0.831361	-1.20285	0.637199	1.15436	1.15436	0.104634	0.585113	-1.70907	0.0453102	2.00136	2.00136	3.08495	4.46088	1.28535	1
cg16703943	0.0460372	0.633724	-1.57797	0.518339	1.13956	1.13956	0.194232	1.31522	1.31522	0.197202	0.761868	-1.31256	3.08494	1.94474	0.560352	1
cg02102832	0.269109	0.709516	-1.40941	0.30467	0.728363	-1.37294	0.521878	1.21356	1.21356	0.269952	0.70998	-1.40849	3.08494	4.34384	1.25163	1
cg13550148	0.108343	0.454979	-2.19791	0.0607593	0.386588	-2.58674	0.0838612	0.423149	-2.36324	0.127804	0.477019	-2.09635	3.08494	9.87514	2.84541	1
cg22245862	0.693549	0.784797	-1.27421	0.412362	0.598789	-1.67004	0.172547	2.43107	2.43107	0.516793	1.49512	1.49512	3.08491	18.2931	5.27097	1
cg08107079	0.312639	1.31695	1.31695	0.019559	2.10383	2.10383	0.428509	1.23747	1.23747	0.675978	1.11718	1.11718	3.08487	3.39508	0.978275	1
cg11484872	0.145611	0.655815	-1.52482	0.0831071	0.595685	-1.67874	0.550666	0.849573	-1.17706	0.815098	0.938708	-1.06529	3.08486	3.5618	1.02632	1
cg05652886	0.495288	1.09107	1.09107	0.0727214	1.2866	1.2866	0.272132	0.865992	-1.15475	0.35899	1.12605	1.12605	3.08484	0.774045	0.223039	1
cg01156370	0.805162	0.966648	-1.0345	0.025538	1.43936	1.43936	0.686082	1.05735	1.05735	0.143259	0.805818	-1.24097	3.08477	0.920334	0.265198	1
cg25512587	0.643194	0.935357	-1.06911	0.0217545	0.673973	-1.48374	0.289199	0.854187	-1.1707	0.0687624	1.33885	1.33885	3.08476	1.00261	0.288908	1
cg00596207	0.0261218	0.437604	-2.28517	0.270991	0.69848	-1.43168	0.776677	0.914803	-1.09313	0.0536925	0.50359	-1.98574	3.12665	4.31565	1.38028	1
cg21550580	0.911003	1.02667	1.02667	0.380002	1.23617	1.23617	0.820504	0.947901	-1.05496	0.862966	0.960144	-1.04151	3.08472	2.70798	0.780329	1
cg24874557	0.814506	0.884874	-1.1301	0.307393	0.577024	-1.73303	0.0321548	3.69131	3.69131	0.448841	1.4943	1.4943	3.0847	13.2313	3.81273	1
cg23533073	0.206746	1.28659	1.28659	0.00713135	0.518072	-1.93023	0.177343	1.31169	1.31169	0.309081	0.81938	-1.22044	3.08469	1.74957	0.504159	1
cg08159663	0.622471	0.860077	-1.16269	0.0106896	0.377344	-2.6501	0.879191	0.954853	-1.04728	0.09829	0.576523	-1.73454	3.08465	4.50705	1.29877	1
cg02043070	0.812671	1.1709	1.1709	0.146616	2.81629	2.81629	0.00462334	12.2345	12.2345	0.0892228	3.47462	3.47462	3.08464	21.5765	6.21762	1
cg26229648	0.576628	1.19465	1.19465	0.636175	0.860488	-1.16213	0.833481	0.935772	-1.06864	0.199033	0.651868	-1.53405	3.08463	4.85729	1.39971	1
cg24298696	0.0510908	0.300437	-3.32848	0.0977425	0.374057	-2.67339	0.880243	0.921638	-1.08502	0.593822	0.747246	-1.33825	3.0846	14.3126	4.12446	1
cg23794932	0.0371725	1.46327	1.46327	0.00882854	1.68977	1.68977	0.531959	0.905182	-1.10475	0.270251	0.834739	-1.19798	3.08457	1.20962	0.34858	1
cg17847329	0.220172	1.24582	1.24582	0.0157771	0.603909	-1.65588	0.223689	1.24354	1.24354	0.0899592	1.37528	1.37528	3.08456	1.42017	0.409256	1
cg21172497	0.129362	0.46643	-2.14394	0.333939	0.628886	-1.59011	0.854513	0.918121	-1.08918	0.990627	0.994548	-1.00548	3.08454	10.5814	3.04931	1
cg20297873	0.160732	0.440387	-2.27073	0.0363529	0.264002	-3.78785	0.717891	0.819887	-1.21968	0.0592982	0.311794	-3.20725	3.08452	14.6366	4.21794	1
cg18682936	0.368879	1.05904	1.05904	0.501385	0.958471	-1.04333	0.797	1.01615	1.01615	0.023195	1.18376	1.18376	3.08451	0.188747	0.0543927	1
cg20919922	0.394459	0.855811	-1.16848	0.0741695	0.701023	-1.42649	0.150726	0.759618	-1.31645	0.952773	1.01063	1.01063	3.08451	1.55687	0.448656	1
cg08108993	0.372345	1.10882	1.10882	0.00394182	0.645697	-1.54871	0.792263	0.970668	-1.03022	0.0578133	1.27368	1.27368	3.0845	0.621432	0.179084	1
cg27578754	0.189687	1.80529	1.80529	0.0393733	0.362935	-2.75532	0.0149968	0.280382	-3.56656	0.330596	0.652528	-1.5325	3.08447	8.8335	2.54566	1
cg24850296	0.365741	1.42507	1.42507	0.0113087	0.298462	-3.35051	0.526071	0.7828	-1.27747	0.0339061	0.389087	-2.57012	3.08446	7.09753	2.04538	1
cg10543624	0.644665	0.863038	-1.1587	0.052256	2.0142	2.0142	0.388886	0.755723	-1.32324	0.771852	1.0966	1.0966	3.08443	4.91443	1.41627	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg16617257	MGP	0.0637094	0.0039781	0.463817	-2.15602	0.167261	0.947257	-1.39312	0.585268	0.89646	-1.1155	0.751908	0.136493	1.06491	0.0202365	0.573861	0.74258	0.311247	1.23097	1.23097	0.300304	0.80824	-1.23726	0.348543	0.823779	-1.21098	0.456427	0.860325	-1.16235	0.38443	1.92193	0.553874	1
cg25813864	RAPGEF1	0.0637109	0.5057	0.61016	-1.63891	0.139817	3.1971	1.1971	0.029278	6.54475	0.554072	1.55614	0.134554	0.403083	0.16539	-0.64631		0.382797	1.92468	1.92468	0.075524	0.235184	-4.252	0.127887	0.299939	-3.33401	0.763891	1.24655	1.24655	0.3844	26.144	7.53439	1
cg04598447	PLIN1;PLIN3	0.0637111	0.197255	0.809689	-1.23504	0.938527	1.01202	1.01202	0.836676	0.968537	-1.03249	0.592854	1.08718	1.08718	0.188319	0.805826	-1.24096	0.496105	0.808499	-1.11297	0.0445252	1.42947	1.42947	0.00975363	0.602784	-1.65897	0.105726	1.3148	1.3148	1.3844	1.171169	0.337669	1
cg08690159	COL6A1;COL6C1	0.0637139	0.535275	0.865231	-1.15576	0.683159	1.09981	1.09981	0.209781	1.9583	1.3563	0.947075	0.884811	-1.01542	0.00525766	0.428029	-2.33629	0.522284	0.861122	-1.16129	0.0150579	1.66917	1.66917	0.370116	1.23641	1.23641	0.240809	0.753423	-1.32728	0.18434	2.59682	0.748387	1
cg24886831	ARHGEF10	0.0637141	0.297892	0.702735	-1.42301	0.48427	0.792649	-1.26159	0.396092	0.752684	-1.32858	0.921467	1.03276	1.03276	0.0153039	0.37781	-2.64684	0.019711	0.398541	-2.50916	0.0353932	2.04667	2.04667	0.449819	1.28628	1.28628	0.287944	0.697206	-1.4343	0.38434	5.23078	1.5046	1
cg05408370	VAC14	0.0637144	0.028884	1.53082	1.53082	0.160518	0.780549	-1.28115	0.0461893	1.45866	1.45866	0.203672	1.24824	1.24824	0.62487	0.921786	-1.08445	0.204676	0.801567	-1.24756	0.779387	0.95465	-1.0475	0.0259542	1.54785	1.54785	0.0556773	1.10321	1.10321	0.84633	1.33423	0.384517	1
cg12149841	MLEC	0.0637148	0.312007	1.20505	1.20505	0.601829	1.09843	1.09843	0.0584438	1.46419	1.46419	0.176754	0.774086	-1.29185	0.294696	0.823814	-1.21387	0.0739025	1.42653	1.42653	0.00701897	1.86196	1.86196	0.794938	0.954613	-1.04755	0.28437	1.21936	1.21936	0.38433	1.55355	0.447726	1
cg10261226	LOC100133315	0.0637181	0.142946	0.849661	-1.17694	0.0997216	0.827538	-1.2084	0.0263445	0.764649	-1.31322	0.0208705	0.750038	-1.33237	0.159639	0.85602	-1.1682	0.842121	0.979581	-1.02084	0.104528	1.20148	1.20148	0.325834	1.11065	1.11065	0.572009	0.942638	-1.06085	0.38426	0.522741	0.150655	1
cg04539425	PNPLA2	0.0637181	0.4284	0.774794	-1.29067	0.769234	0.53752	-1.86039	0.00282312	0.270345	-3.6624	0.859853	0.945751	-1.05736	0.924192	1.03049	1.03049	0.602277	0.88202	-1.13376	0.0284758	1.42336	1.42336	0.0265309	0.676075	-1.47931	0.995167	1.00191	1.00191	1.00426	4.86539	1.40221	1
cg04293726	YIPF5;YIPF5;KCTD16	0.0637187	0.935618	1.00897	1.00897	0.763783	0.96725	-1.03186	0.133704	1.19567	1.19567	0.143012	0.840369	-1.18995	0.563443	1.06666	1.06666	0.0712525	0.800432	-1.24932	0.0672327	0.797239	-1.25433	0.459299	1.08681	1.08681	0.0143818	1.39563	1.39563	0.08425	0.596263	0.171845	1
cg21397393	RNF212;RNF212	0.0637189	0.0287374	1.35579	1.35579	0.0684433	0.196829	1.25904	0.0401734	2.88215	2.88215	0.51204	1.36418	1.36418	0.0249435	0.658796	-1.51792	0.134709	1.21262	1.21262	0.0228403	1.52993	1.52993	0.0191831	1.32078	1.32078	0.14466	2.07852	2.07852	0.08425	10.653	3.07024	1
cg20415170	ELL2	0.0637193	0.0587817	27.1916	27.1916	0.139758	11.6897	11.6897	0.292085	0.184255	-5.42726	0.60682	0.447885	-2.23272	?	?	?	0.784112	1.52949	1.52949	0.0389482	2.78178	2.78178	0.00834444	1.84.21	184.21	0.0859994	18.8336	18.8336	3.12612	105.372	33.7068	1
cg09547763	TUBGCP2	0.0637194	0.0685029	1.71245	1.71245	0.180259	0.788682	-1.26794	0.0555624	0.564242	-1.77239	0.346466	1.28141	1.28141	0.168854	1.4721	1.4721	0.176368	1.46102	1.46102	0.0117562	2.29353	2.29353	0.637316	1.13345	1.13345	0.188801	1.44375	1.44375	0.38424	3.39864	0.979502	1
cg21752957	RBL1;RBL1	0.0637201	0.165741	0.807251	-1.23877	0.557101	1.08983	1.08983	0.994987	0.99909	-1.00091	0.566445	1.08757	1.08757	0.231621	0.833821	-1.1993	0.576107	0.92144	-1.08526	0.0148431	0.647838	-1.5436	0.115682	0.78059	-1.28108	0.0209831	1.49521	1.49521	0.08421	1.02492	0.295389	1
cg05089550	NLRC5	0.0637213	0.0658378	0.663933	-1.50618	0.139872	1.37053	1.37053	0.964264	1.08093	1.08093	0.586428	0.896728	-1.11516	0.0218314	0.541589	-1.84642	0.778767	1.05748	1.05748	0.220001	1.29164	1.29164	0.737546	1.06901	1.06901	0.0334477	0.610734	-1.63737	0.8422	1.92337	0.554328	1
cg02244431	AGAP1;AGAP1	0.0637229	0.298801	1.59807	1.59807	0.62821	1.42159	1.42159	0.0350689	4.83053	4.83053	0.263347	1.73944	1.73944	0.165529	0.495499	-2.02817	0.413469	1.40939	1.40939	0.362438	1.26363	1.26363	0.594144	1.29087	1.29087	0.0171037	11.0087	11.0087	1.17281	1.33423	1.384517	1
cg17555940	EXOC2	0.0637231	0.0641541	0.554282	-1.80414	0.00326331	0.32057	-3.11945	0.0417642	0.513901	-1.9459	0.684611	1.12282	1.12282	0.878644	1.0443	1.0443	0.777219	1.08379	1.08379	0.788665	1.07919	1.07919	0.376761	0.773143	-1.29342	0.887741	1.04088	1.04088	0.84917	3.93059	1.13284	1
cg26233408	SLC26A11;SLC26A11;SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.0637256	0.620085	0.906856	-1.10271	0.485382	1.14878	1.14878	0.857835	0.965527	-1.0357	0.723474	0.932855	-1.07198	0.0534059	0.651035	-1.53602	0.123823	0.721742	-1.38554	0.0057774	2.02903	2.02903	0.321814	0.818527	-1.22171	0.363512	1.1996	1.1996	0.84212	1.86975	0.538889	1
cg13548587	SHQ1	0.0637263	0.509199	1.10328	1.10328	0.0388228	0.703896	-1.42066	0.0427672	0.710135	-1.40818	0.0482048	1.3929	1.3929	0.901641	1.01831	1.01831	0.521273	0.908989	-1.10012	0.0573853	1.37094	1.37094	0.468238	1.11441	1.11441	0.269746	1.18375	1.18375	0.84111	1.05232	0.303295	1
cg00530929	DNAJC28;DNAJC28;DNAJC28	0.0637265	0.4149679	0.684837	-1.4602	0.0529327	0.364225	-2.74556	0.96354	1.02121	1.02121	0.165543	0.593085	-1.37206	0.0031619	0.515095	-1.94083	0.61707	0.793372	-1.26044	0.565774	1.30545	1.30545	0.372231	1.52293	1.52293	0.127825	0.460578	-2.12957	0.3841	10.2976	2.96794	1
cg15667341	ZNF146;ZNF146;ZNF146	0.0637267	0.111767	0.405862	-2.46389	0.359206	0.612108	-1.6337	0.76835	0.857461	-1.16625	0.549676	0.640749	0.339447	-2.94596			0.0862637	0.37277	-2.68262	0.00378797	0.116927	-8.55233	0.849033	1.11543	1.11543	0.0651592	0.333992	-2.99409	0.3841	13.2411	3.81631	1
cg02189719	ENTPD7	0.0637269	0.126496	1.15817	1.15817	0.0810276	0.884884	-1.13746	0.496588	1.22544	1.22544	0.572408	1.24505	1.24505	0.0180794	1.22156	1.22156	0.0224577	0.758698	1.31805	0.0189798	1.31217	1.31217	0.113123	0.887538	0.88581	-1.01439	0.98498	0.98498	0.84111	0.143601	0.0379	1
cg02276614	TMEM150B	0.0637271	0.638102	1.095	1.095	0.860474	1.03428	1.03428	0.0527729	0.655906	-1.52461	0.613524	1.10248	1.10248	0.0992566	0.707395	1.41364	0.533438	1.12843	1.12843	0.00554376	2.01	2.01	0.589754	1.10991	1.10991	0.253789	1.25646	1.25646	0.38409	0.794255	0.516617	1
cg02315249	TUBA4A;TUBA4B	0.0637293	0.119786	0.82231	-1.21609	0.0805367	0.251591	1.25191	0.963396	0.994695	-1.00533	0.140105	0.831942	-1.20201	0.468467	0.921307	-1.08541	0.0395048	0.758793	-1.31788	0.059275	0.781902	-1.27893	0.142931	1.20021	1.20021	0.190882	1.17414	1.17414	0.84005	0.656226	0.189139	1
cg14512870	ITGA6;ITGA6	0.0637296	0.195257	0.630579	-1.58584	0.459727	1.28837	1.28837	0.445977	1.29888	1.29888	0.22945	1.5288	1.5288	0.133683	0.774878	-1.39884	0.431469	0.676119	-1.47903	0.0130797	1.954827	-2.81828	0.0133761	0.356553	-2.80463	0.0808866	1.0888	1.0888	0.8404	5.53438	1.59513	1
cg27533561	DENND4A;DENND4A	0.0637306	0.0117518	0.648458	-1.54212	0.991372	1.00149	1.00149	0.0865885	1.29738	1.29738	0.207867	0.833057	-1.20038	0.981337	0.996788	-1.00322	0.607987	0.931315	-1.07375	0.0764844	0.762908	-1.31077	0.0584627	1.34184	1.34184	0.886614	0.980569	-1.01982	0.84002	0.923935	0.2663	1
cg17315564	FAM191B;FAM191B	0.0637315	0.513111	0.729665	-1.29432	0.0273987	0.540388	1.40088	0.540388	0.935764	0.959656	-1.06422	0.710188	0.864987	-1.15607	0.619068	-1.61534	0.448758	1.15009	1.15009	0.0953281	1.51927	1.51927	0.0178925	1.44627	1.44627	0.145927	0.526049	0.776323	-1.28812	0.56001	0.738547	2.12868	1
cg00794552	UGP2;UGP2;UGP2	0.0637316	0.0213502	0.526653	-1.98944	0.188616	1.41369	1.41369	0.619221	0.882868	-1.13267	0.0153421	0.477116	-2.09553	0.0157215	0.576621	-1.73424	0.716329	1.09499	1.09499	0.237188	1.36063	1.36063	0.0570521	1.86269	1.86269	0.0156966	1.28659	1.28659	0.11534	1.084	1.02037	0.870549	1
cg10608799	FXR2	0.0637321	0.514715	1.30249	1.30249	0.0880448	2.12339	2.12339	0.429511	0.724266	-1.38071	0.154996	1.83823	1.83823	0.0244689	0.342263	-2.92173	0.0191537	0.32177	-3.10781	0.722562	0.867092	-1.15328	0.300654	1.53574	1.53574	0.616097	0.816918	-1.22411	0.038399	7.81551	2.25264	1
cg14839404	BMP7	0.0637323	0.4543804	0.77	0.77	0.0855207	0.557	-1.79507	0.121123	0.8154458	0.7655	-1.30625	0.7655	-1.30625	0.7655	-1.30625	0.7655	0.667397	0.955987	-1.04601	0.455363	1.25173	1.25173	0.413335	0.916609	-1.09098	0.645236	0.849715	-1.17687	0.31895	0.532473	0.15261	1
cg12373573	TSPAN19;TSPAN19;LRRIQ1;LRRIQ1	0.0637349	0.113904	0.54566	-1.83264	0.155089	0.70899	-1.70899	0.176153	0.65952	1.65952	0.0542403	0.463291	-2.15847	0.905585	1.04268	1.04268	0.918248	1.03682	-1.03682	0.256586	0.658979	-1.5175	0.0613125	2.10134	2.10134	0.0384791	0.429772	-2.32681	0.38394	6.0580	1.74637	1
cg17588800	GLI3	0.0637353	0.0047512	0.4853	-2.06035	0.0178564	0.218441	-4.22225	0.459638	0.644264	-1.55205	0.0620887	0.274703	-3.64258	0.0035197	0.482364	-2.07337	0.3711	0.73046	-1.36919	0.320087	0.572408	-1.74659	0.0355011	0.43511	-2.29827	0.0064504	0.371175	-2.69414	0.38392	0.445157	0.140601	1
cg17009901	PHF20L1;PHF20L1	0.0637363	0.080701	0.295112	-3.38854	0.03027	0.200926	-4.97696	0.0603502	0.263281	-3.79822	0.193219	0.420009	-2.3809	0.0393761	0.222766	4.48901	0.0674706	0.275048	-3.63573	0.0132975	0.144769	-6.90757	0.982724	0.984561	-1.01374	0.0488841	0.242442	4.1247	0.38391	19.3876	5.58816	1
cg01806590	ABHD4	0.0637372	0.354545	0.792458	-1.2619	0.393906	0.807931	-1.23773	0.0637016	0.601032	-1.66381	0.0263867	0.52568	-1.9023	0.0150577	0.482056	-2.07445	0.334146	0.784015	-1.27542	0.207429	1.38358	1.38358	0.613417	0.883011	-1.13249	0.156306	1.44826	1.44826	0.38309	2.9133	0.839716	1
cg02256576	CES1;CES3	0.0637384	0.494334	0.7	0.7	0.0836246	0.78997	-1.26593	0.0663296	0.709977	-1.4094	0.154794	0.780997	-1.28062	0.0663059	0.74928	-1.33457	0.76501	0.87653	-1.14065	0.154767	1.19436	1.19436	0.0325126	1.03286	1.03286	0.663465	1.21422	1.21422	0.83887	0.5998	0.179702	1
cg08056146	SOX7;SOX7	0.0637389	0.831385	1.0639	1.0639	0.58338	1.17456	1.17456	0.852518	0.947374	-1.05555	0.00526181	0.343369	-2.91232	0.674183	1.13069	1.13069	0.576514	0.848828	-1.1781	0.0166263	0.427611	-2.33857	0.429624	1.26391	1.26391	0.35271	1.32021	1.32021	0.83886	4.12141	1.18795	1
cg14110885	WFIKKN2	0.0637393	0.1743311	0.749699	-1.33349	0.249106	0.918745	-1.08845	0.604913	0.815703	-1.22482	-1.7832	0.340539	1.53053	0.0181	0.655661	1.52516	0.177312	0.9222	-1.08403	0.545936	1.03029	1.03029	0.0258964	1.42751	1.42751	0.0115709	1.53444	1.53444	0.84385	0.76768	0.59448	1
cg02924372	GIMAP5;GIMAP5	0.0637402	0.0226747	0.167733	-6.18304	0.270689	2.15073	2.15073	0.236212	0.436558	-2.29065	0.107399	0.309311	-3.23299	0.0103165	0.115543	8.6548	0.739031	1.79991	-1.25014	0.4036	0.565117	-1.76955	0.0197876	0.296416	-3.37364	0.0513137	0.227224	4.40064	0.38384	21.7789	6.27758	1
cg08535058	RNASEH2A	0.0637406	0.0930604	0.254657	-3.92685	0.0525178	0.305125	-3.27735	0.10107	0.380281	-2.62964	0.754979	0.846399	-1.18148	0.00497653	0.135085	-7.40273	0.0904068	0.366171	-2.73096	0.229474	0.507137	-1.97185	0.165825	0.451243	-2.2161	0.0658345	0.3291	-3.03859	0.03833	14.1601	4.08154	1
cg23462687	HDAC4	0.0637408	0.136638	0.748343	-1.33589	0.249106	0.837745	-1.19417	0.0911117	0.631006	0.82943	-1.20557	0.525604	0.947249	-1.05571	0.529354	-1.88955	0.0963488	0.583909	-1.7126	0.0402001	1.50139	1.50139	0.0150554	1.02958	-1.44752	0.917509	1.53444	1.53444	0.84385	0.76768	0.59448	1
cg02924372	GIMAP5;GIMAP5	0.0637402	0.0226747	0.167733	-6.18304	0.270689	2.15073	2.15073	0.236212	0.436558	-2.29065	0.107399	0.309311	-3.23299	0.0103165	0.115543	8.6548	0.739031	1.79991	-1.25014	0.4036	0.565117	-1.76955	0.0197876	0.296416	-3.37364	0.0513137	0.227224	4.40064	0.38384	21.7789	6.27758	1
cg08535058	RNASEH2A	0.0637406	0.0930604	0.254657	-3.92685	0.0525178	0.305125	-3.27735	0.10107	0.380281	-2.62964	0.754979	0.846399	-1.18148	0.00497653	0.135085	-7.40273	0.0904068	0.366171	-2.73096	0.229474	0.507137	-1.97185	0.165825	0.451243	-2.2161	0.0658345	0.3291	-3.03859	0.03833	14.1601	4.08154	1
cg23462687	HDAC4	0.0637408	0.136638	0.748343	-1.33589	0.249106	0.837745	-1.19417	0.0911117	0.631006	0.82943	-1.20557	0.525604	0.947249	-1.05571	0.529354	-1.88955	0.0963488	0.583909	-1.7126	0.0402001	1.50139	1.50139	0.0150554	1.02958	-1.44752	0.917509	1.53444	1.53444	0.84385	0.76768	0.59448	1
cg17002156	GLT25D2	0.0637427	0.354223	0.724187	-1.38086	0.180102	1.61927	1.61927	0.111018	0.557761	-1.79288	0.214881	1.55588	1.55588	0.0583141	0.484654	2.06333	0.307253	1.43026	1.43026	0.197353	1.58629	1.58629	0.0155333	2.73151	2.73151	0.572191	1.21318	1.21318	0.83879	0.59875	1.61382	1
cg19004110	MIR381;SDC2	0.0637428	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.208807	0.556474	1.79851	0.0132408	0.577866	0.564112	-2.0221	0.072957	0.884497	-1.18458	0.0209129	0.326746	0.84003	0.538408	0.284004	0.224516	1
cg07188665	HSF4;HSF4	0.0637448	0.906603	0.9757	-1.0249	0.116018	0.69907	-1.43047	0.192393	0.748876	-1.33534	0.94229	0.98494	-1.01529	0.697305	1.08537	1.08537	0.997166	1.00074	1.00074	0.0114222	1.94157	1.94157	0.0176189	1.83168	1.83168	0.310458	1.24603	1.24603	0.83875	2.14549	0.618437	1
cg17109936	SCAMP2;SCAMP2	0.0637463	0.2565641	2.17969	2.17969	0.2075	0.426356	2.34546	0.426356	1.89481	1.89481	0.961441	0.962441	1.03884	0.378698	0.516391	-1.9365	0.612469	0.688133	1.45321	0.0619441	1.65277	1.65277	0.0134222	0.0140665	10.1201	0.0107096	10.4552	10.4552	0.84002	7.38547	2.12868	1
cg26365813	RTN4RL1	0.0637467	0.0705227	2.49865	2.49865	0.0677213	2.44475	2.44475	0.987875	0.993139	-1.00691	0.803574	2.40804	2.40804	0.320181	0.627891	-1.59263	0.0595818	2.28941	2.28941	0.0884044	4.5579	4.5579	0.140111	2.05274	2.05274	0.0745508	2.45508	2.45508	0.11042	10.0251	2.88977	2
cg10350880	EPHB4	0.0637491	0.173299	1.85518	1.85518	0.00529458	4.7956	4.7956	0.0292821	2.98993	2.98993	0.0359897	2.83037	2.83037	0.462544	0.726901	-1.3757	0.385842	1.46107	1.46107	0.753757	0.873905	-1.14429	0.62674	1.23248	1.23248	0.420788	1.43019	1.43019	0.83867	8.88435	2.56097	1
cg04471515	SOBCS3	0.0637499	0.584222	1.17567	1.17567	0.608221	1.1667	1.1667	0.0721123	0.8154458	0.7655	-1.30625	0.7655	-1.30625	0.7655	-1.30625	0.7655	0.662784	1.24967	1.24967	0.0840428	0.801037	-1.04054	0.864206	1.69161	1.69161	0.0191818	0.429551	2.32801	0.38366	4.34268	1.25381	1
cg26438665	BTBD7;BTBD7	0.0637501	0.966568	0.985936	-1.01426	0.0054358	0.290518	-3.44213	0.0275446	0.414488	-2.41264	0.626665	0.847337	-1.18017	0.588419	1.20277	1.20277	0.977317	0.990438	-1.00965	0.412952	0.753623	-1.32692	0.0214722	0.39315	-2.54356	0.33627	0.715298	-1.39802	0.38365	5.57743	1.60774	1
cg08743510	CNGA3;CNGA3	0.0637504	0.521832	0.856092	-1.1681	0.0229687	0.515153	-1.91747	0.0142493	0.485042	-2.06168	0.0545095	0.592957	-1.68646	0.0889414	0.638259	-1.56676	0.172517	0.706464	-1.4155	0.201815	1.38057	1.38057	0.854526	1.0448	1.0448	0.858531	1.04963	1.04963	0.83864	2.77411	0.80638	1
cg14293473	AIF1L	0.0637509	0.152222	0.647372	-1.54492	0.0204029	0.516145	-1.93744	0.0054459	0.353408	-2.82959	0.959369	0.98566	-1.01455	0.0389878	0.707987	-1.4694	0.160694	0.657605	-1.52067	0.147333	1.34053	1.34053	0.0421087	1.06268	1.06268	0.262422	0.925217	1.02608	1.02608	0.83864	3.92579	0.731615	1
cg10738025	PBX4	0.0637511	0.28847	0.704681	-1.41908	0.160151	0.620869	-1.61065	0.101696	0.566038	-1.76667	0.87971	1.04928	1.04928	0.134042	0.606569	-1.64862	0.102014	0.566392	-1.76556	0.0188938	0.246877	-4.0506	0.323779	0.723476	-1.38222	0.958414	1.01735	1.01735	0.83863	4.927	1.42026	1
cg02275146	SRRM1;SRRM1	0.0637537	0.1337	0.7	0.7	0.0836311	0.77474	1.29104	0.0103372	1.39051	1.39051	0.0145001	1.10659	1.10659	0.724927	1.13511	1.13511	0.0600556	0.655841	-1.5247	0.0441709	1.73008	1.73008	0.0800826	0.955951	-1.04608	0.757098	1.05902	1.05902	0.83857	2.68139	0.713515	1
cg00599280	CPE	0.0637555	0.0573682	0.845297	-1.18302	0.381606	1.07268	1.07268	0.144464	0.884655	-1.13038	0.00798699	0.766583	-1.30449	0.968359	0.996904	-1.00311	0.684054	1.0325	1.0325	0.138414	0.882747	-1.13283	0.467759	1.05947	1.05947	0.159144	1.12484	1.12484	0.83855	0.298509	0.0860508	1
cg12857652	FFAR4	0.0637584	0.260004	0.779745	-1.28247	0.35794	0.818586	-1.22162	0.508594	0.867626	-1.15257	0.759902	0.937156	-1.06706	0.0919724	0.375219	-2.66511	0.432054	0.843849	-1.18505	0.0794289	1.26873	1.26873	0.981988	0.995231	-1.00479	0.252081	0.775392	-1.28967	0.38349	0.18958	0.631197	1
cg21280914	USP14;USP14	0.0637593	0.204255	2.04084	2.04084	0.233068	0.236109	-4.25333	0.129428	0.417963	-2.39255	0.917965	1.05639	1.05639	0.184857	0.472938	2.11444	0.137891	0.34126	0.34126	0.85887	0.584735	-1.71018	0.0434384	3.71902	3.71902	0.819406	1.12949	1.12949	0.83847	13.8456	3.99134	1
cg17768439	GNAI2;GNAI2	0.0637595	0.348202	1.23464	1.23464	0.761349	0.935682	-1.06874	0.867769	0.964287	-1.03704	0.518866	1.15341	1.15341	0.485431	0.85667	-1.16731	0.11958	1.44571	1.44571	0.565473	0.880913	-1.13519	0.00211944	0.38954	-2.56713	0.8982269	1.02831	1.02831	0.83847	2.32603	0.670537	1
cg10184160	UTRN	0.0637596	0.568807	0.772375	0.772375	-1.29471	0.644425	1.55253	0.0644425	0.779313	-1.28323	0.775448	1.13604	1.13604	0.0779313	-1.28323	0.775448	0.354004	0.604476	-1.6539	0.0794807	1.26392	1.26392	0.0152502	-1.40123	0.876312	0.932502	-1.07238	0.0515817	0.370043	-2.70239	0.83847	0.5809	-2.83401	1
cg25028293	PLEKHG5	0.0637611	0.0139355	0.172935	-5.78251	0.0384525	0.25219	-3.99697	0.101094	0.354399	-2.82168	0.157509	0.417591	-2.39649	0.0119334	0.163234	6.12616	0.183413	0.440577	-2.26975	0.0895041	0.339042	-2.94048	0.0558698	0.286082	-3.49551	0.097164	0.349315	-2.86275	0.38344	16.3007	4.69914	1
cg16690028	SCYL3;SCYL3	0.0637616	0.504211	1.09007	1.09007	0.635668	1.06261	1.06261	0.197495	1.18929	1.18929	0.132904	0.813569	-1.22915	0.00958363	0.518	1.518	0.560892	1.0777	1.0777	0.206669	1.18469	1.18469	0.0106374	1.5049	1.5049	0.924074	1.0122	1.0122	0.83843	0.790816	0.227976	1
cg27182764	TIPIL;TIPIL	0.0637631	0.21427	1.19538	1.19538	0.156335	1.23184	1.23184	0.0546

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19133023	CHID1;CHID1;CHID1;CHID1;CHID1	0.0638565	0.0466276	0.322803	-3.09787	0.0616184	0.351769	-2.84277	0.593726	0.765512	-1.30631	0.242902	0.545279	-1.83392	0.0170544	0.23614	-4.23478
cg03804240	PHLDB1;PHLDB1;PHLDB1	0.0638587	0.0325045	0.325877	-3.06864	0.116293	0.465522	-2.14813	0.0238484	0.29879	-3.34684	0.273172	0.599954	-1.66679	0.029404	0.316872	-3.15585
cg17704111	ZDHHC13;ZDHHC13	0.0638601	0.0208805	0.406357	-2.46089	0.32161	1.3933	1.3933	0.0660089	0.512709	-1.95042	0.291521	1.42549	1.42549	0.0763267	0.527971	-1.89404
cg16334314	SNAP91;SNAP91	0.0638623	0.348224	1.30316	1.30316	0.345696	0.766235	-1.30508	0.373568	0.77846	-1.28459	0.779778	1.07988	1.07988	0.90347	1.03382	1.03382
cg09041678	PAX6	0.0638643	0.173852	2.49357	2.49357	0.0161262	6.4188	6.4188	0.131097	2.79963	2.79963	0.745101	1.22877	1.22877	0.0407379	4.44538	4.44538
cg20684180	DLEC1;DLEC1	0.063865	0.345569	1.9805	1.9805	0.652791	0.727189	-1.37516	0.0609435	4.41835	4.41835	0.178899	2.73054	2.73054	0.0253071	0.154026	-6.49241
cg12200142	SCN2B	0.0638659	0.0559759	2.55091	2.55091	0.0785737	2.3282	2.3282	0.0857244	2.27393	2.27393	0.0867688	0.441215	-2.26647	0.606545	0.798749	-1.25196
ch.8.1812887R	MMP16;MMP16	0.0638662	0.0927591	0.604043	-1.65551	0.308476	0.750305	-1.33279	0.336494	0.763319	-1.31007	0.865727	0.954925	-1.0472	0.00294906	0.328727	-3.04204
cg03311684	EMX2OS	0.0638672	0.0189064	0.0574767	-17.3984	0.399158	0.420109	-2.38033	0.405794	0.425483	-2.35027	0.242088	0.292255	-3.42167	0.0356881	0.0857654	-11.6597
cg05802386	SLC2A1	0.0638675	0.00282791	0.224899	-4.44644	0.15462	0.575313	-1.73819	0.97918	1.00951	1.00951	0.63653	0.841365	-1.18855	0.0482909	0.44093	-2.26794
cg13600493	DAZAP1;DAZAP1	0.0638679	0.681788	1.16515	1.16515	0.0769353	2.07351	2.07351	0.650176	1.18445	1.18445	0.722693	0.876251	-1.14123	0.316817	0.681355	-1.46766
cg05627441	9-Sep	0.0638682	0.159344	4.90946	4.90946	0.0332255	13.9223	13.9223	0.0286256	15.3616	15.3616	0.178941	4.52956	4.52956	0.413012	2.42411	2.42411
cg12253437	TAP1;PSMB8	0.0638686	0.211815	0.702523	-1.42344	0.339269	0.767664	-1.30265	0.263297	0.731213	-1.36759	0.0783037	0.59153	-1.69053	0.520917	1.19085	1.19085
cg20443501	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;HYMAI;PLAGL1	0.0638707	0.0707867	1.67938	1.67938	0.0148021	2.15983	2.15983	0.309712	0.763428	-1.30988	0.0206944	2.04492	2.04492	0.389642	0.797419	-1.25405
cg14834865	ALDH9A1	0.0638715	0.658554	1.10665	1.10665	0.292431	1.2826	1.2826	0.423239	0.829961	-1.20488	0.144654	1.42904	1.42904	0.0264097	1.82183	1.82183
cg05321960	KIAA0907	0.0638736	0.496641	0.677783	-1.4754	0.355522	1.70841	1.70841	0.0324831	4.09824	4.09824	0.394857	1.63405	1.63405	0.123986	0.391131	-2.55669
cg25836232	TUBB6	0.0638767	0.600176	0.878536	-1.13826	0.711082	0.912928	-1.09538	0.0227906	0.513129	-1.94883	0.0277352	1.89094	1.89094	0.0497674	0.57812	-1.72975
cg23027521	ZNF695	0.0638777	0.0613918	0.275126	-3.63469	0.42259	1.63867	1.63867	0.112222	2.86666	2.86666	0.344158	0.555281	-1.80089	0.546344	0.692418	-1.44422
cg18956714	OXGR1	0.0638796	0.0611002	0.516254	-1.93703	0.305663	0.717293	-1.39413	0.924203	0.970629	-1.03026	0.574306	1.19458	1.19458	0.503644	0.808474	-1.2369
cg03228407	MIS12	0.0638801	0.108096	0.330683	-3.02404	0.0325534	0.206141	-4.85106	0.0860319	0.301978	-3.31149	0.492375	0.643957	-1.5529	0.0144179	0.149051	-6.70909
cg15412718	FLJ43860	0.0638833	0.228409	1.7732	1.7732	0.00778722	4.70248	4.70248	0.284446	1.65501	1.65501	0.490449	1.37352	1.37352	0.332795	1.57252	1.57252
cg17890778	SGCE;SGCE;PEG10;SGCE;PEG10	0.0638859	0.925878	0.966677	-1.03447	0.0765496	2.04936	2.04936	0.0325826	0.402118	-2.48683	0.420163	0.740837	-1.34983	0.184157	0.598632	-1.67048
cg03367519	PDE4D;PDE4D;PDE4D	0.0638879	0.341009	0.844922	-1.18354	0.856023	0.96929	-1.03168	0.0237896	1.5894	1.5894	0.939571	1.01311	1.01311	0.469483	1.13471	1.13471
cg06873916	ANKRD11	0.063888	0.0976343	1.76964	1.76964	0.0519017	2.00301	2.00301	0.912112	0.965919	-1.03528	0.19287	1.54156	1.54156	0.153734	1.6155	1.6155
cg14177620	EXOC1;EXOC1;EXOC1;EXOC1;EXOC1;EXOC1	0.0638882	0.443596	1.40668	1.40668	0.473604	0.727307	-1.37493	0.00176305	0.142794	-7.00309	0.364604	1.50229	1.50229	0.212299	0.563308	-1.77523
cg00754740	MTA1	0.0638891	0.048329	0.28227	-3.54271	0.0708213	0.322485	-3.10092	0.497366	0.679582	-1.47149	0.724212	0.819869	-1.21971	0.0218041	0.213663	-4.68026
cg15585183	BTNL2	0.0638892	0.0694694	0.340812	-2.93417	0.130699	0.420981	-2.3754	0.0544179	0.314449	-3.18017	0.497962	0.694394	-1.4401	0.00306111	0.116494	-8.5841
cg02099390	OSBPL10	0.0638898	0.644943	0.904025	-1.10616	0.0820033	1.52049	1.52049	0.877884	1.034	1.034	0.649742	1.10452	1.10452	0.863533	1.03812	1.03812
cg08604181	EXOC4;EXOC4	0.0638911	0.444934	0.793312	-1.26054	0.348966	0.750747	-1.33201	0.0289289	0.464972	-2.15066	0.139743	0.623457	-1.60396	0.6369	0.868163	-1.15186
cg06931815	GPR85;GPR85;GPR85;GPR85	0.0638921	0.103968	1.40887	1.40887	0.220018	1.28231	1.28231	0.0114927	1.83976	1.83976	0.956345	1.01061	1.01061	0.782334	1.05485	1.05485
cg12969734	SCO2;SCO2;SCO2;SCO2	0.0638926	0.287224	1.17888	1.17888	0.0253452	0.673093	-1.48568	0.659603	1.06824	1.06824	0.945995	1.01014	1.01014	0.0131906	0.63281	-1.58025
cg13788819	DNMT3B;DNMT3B;DNMT3B	0.0638931	0.0035851	0.214782	-4.65589	0.218097	0.603389	-1.6573	0.685068	0.853002	-1.17233	0.1641	0.560482	-1.78418	0.0728075	0.458214	-2.18238
cg04026012	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP	0.0638934	0.123662	0.704245	-1.41996	0.453297	1.17426	1.17426	0.0289177	1.71876	1.71876	0.1623	1.36849	1.36849	0.853789	1.03955	1.03955
cg24421707	RSL24D1	0.0638959	0.485628	0.910643	-1.09813	0.891913	1.01812	1.01812	0.162885	0.821362	-1.21749	0.355524	0.882002	-1.13378	0.334791	1.14044	1.14044
cg10345429	AUTS2;AUTS2;AUTS2	0.0638968	0.0290003	0.546255	-1.83065	0.297751	1.28863	1.28863	0.128129	0.6795	-1.47167	0.0291534	0.546677	-1.82923	0.475637	0.843322	-1.18579
cg26900259	TRIM23;C5orf44;TRIM23;TRIM23;C5orf44;C5orf44;C5orf44	0.0638985	0.387819	0.910882	-1.09784	0.496069	0.929708	-1.07561	0.47839	1.07897	1.07897	0.0402009	0.778811	-1.28401	0.0681158	1.2404	1.2404
cg08439022	TBCD	0.0638995	0.31624	1.32443	1.32443	0.883635	1.04051	1.04051	0.927996	1.02481	1.02481	0.318785	1.32235	1.32235	0.00346176	0.340858	-2.93378
cg17387870	CHFR;CHFR;CHFR;CHFR;CHFR	0.063901	0.508414	0.80988	-1.23475	0.016938	0.400313	-2.49804	0.10883	0.577134	-1.7327	0.0797787	1.84246	1.84246	0.557461	0.82988	-1.20499
cg06507987	MAP3K6	0.063903	0.125325	2.36762	2.36762	0.69618	1.22614	1.22614	0.758396	1.17385	1.17385	0.259491	1.84252	1.84252	0.468123	1.46745	1.46745
cg03066485	NEURL4;NEURL4	0.0639031	0.0701367	0.512734	-1.95033	0.737915	1.11717	1.11717	0.699005	0.879683	-1.13677	0.0661991	1.97363	1.97363	0.00501073	0.293731	-3.40448
cg25887236	MBP;MBP	0.0639061	0.0489923	22.9198	22.9198	0.0916061	13.308	13.308	0.160279	8.08719	8.08719	0.0716318	16.4918	16.4918	0.0419126	26.2339	26.2339
cg06746360	RPL23A;SNORD42B	0.0639063	0.881761	1.03637	1.03637	0.225866	0.736908	-1.35702	0.962786	0.988862	-1.01126	0.689265	0.908024	-1.10129	0.343238	0.791055	-1.26413
cg21634100	FECH;FECH	0.0639068	0.0297158	0.532804	-1.87686	0.212793	0.724064	-1.38109	0.439845	0.823784	-1.21391	0.341725	0.785798	-1.27259	0.00981267	0.447863	-2.23283
cg14193121	CALML5	0.0639074	0.0751538	0.426163	-2.34652	0.559768	0.775815	-1.28897	0.163691	0.52741	-1.89606	0.672397	1.20091	1.20091	0.0328157	0.341389	-2.92921
cg04179706	SLC25A28	0.063909	0.481093	0.850187	-1.17621	0.811207	0.947213	-1.05573	0.610639	1.12341	1.12341	0.538137	1.15173	1.15173	0.00594457	0.44254	-2.25968
cg22297966	ZBTB9	0.0639095	0.0473753	0.281026	-3.5584	0.00509241	0.126005	-7.93622	0.800299	0.867773	-1.15238	0.637907	0.767023	-1.30374	0.0324874	0.246461	-4.05743
cg14199837	VPS72	0.0639115	0.161958	1.21853	1.21853	0.013772	0.668302	-1.49633	0.656669	0.942505	-1.061	0.253694	0.854048	-1.17089	0.198764	1.1969	1.1969
cg12301169	NRD1;NRD1;NRD1;NRD1	0.0639122	0.021105	0.462189	-2.16362	0.373319	0.77544	-1.28959	0.110395	0.616226	-1.62278	0.53238	0.838627	-1.19243	0.953019	1.01653	1.01653
cg14315008	C9orf169	0.0639126	0.0138962	0.0820264	-12.1912	0.712658	0.737588	-1.35577	0.108942	0.237298	-4.21411	0.505166	1.74435	1.74435	0.0590737	0.173109	-5.7767
cg08325271	NDN	0.0639149	0.213912	0.548826	-1.82207	0.0054085	0.186648	-5.35768	0.407652	0.678195	-1.4745	0.196803	0.534921	-1.86943	0.0971377	0.433997	-2.30416
cg11376198	AKR7L;AKR7L	0.0639154	0.0729776	2.16484	2.16484	0.0413456	2.48122	2.48122	0.79609	1.10518	1.10518	0.659295	1.1869	1.1869	0.893859	0.949753	-1.05291
cg20043202	IKZF5	0.0639156	0.897264	0.950332	-1.05226	0.0142697	0.303662	-3.29314	0.0258551	0.352252	-2.83888	0.613908	1.22216	1.22216	0.075745	0.458623	-2.18044
cg15023006	KIF1A	0.0639169	0.314156	1.3942	1.3942	0.921821	1.03183	1.03183	0.571291	1.2004	1.2004	0.532651	0.817289	-1.22356	0.599886	1.1841	1.1841
cg16029453	PTPN21	0.0639171	0.235095	0.857598	-1.16605	0.786357	1.03411	1.03411	0.535467	0.925458	-1.08055	0.0250527	0.719609	-1.38964	0.00208581	0.585841	-1.70695
cg06187103	KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.0639189	0.0591618	6.67493	6.67493	0.0125942	15.869	15.869	0.353987	2.33892	2.33892	0.18507	3.49851	3.49851	0.0553946	6.92256	6.92256
cg03490759	HHIPL1	0.063919	0.774534	1.15236	1.15236	0.00370734	0.14427	-6.93145	0.0640043	0.357781	-2.795	0.701419	0.82678	-1.20951	0.934609	1.04135	1.04135
cg06120000	ATP6V0D1	0.0639218	0.383221	1.21145	1.21145	0.700684	1.08639	1.08639	0.0207746	1.81683	1.81683	0.262495	1.28483	1.28483	0.0230971	0.558349	-1.79099
cg04543131	SMAD6;SMAD6;SMAD6	0.0639241	0.896863	1.03005	1.03005	0.367017	0.809336	-1.23558	0.158219	0.70867	-1.41109	0.615396	1.12258	1.12258	0.291368	0.778854	-1.28394
cg23785719	STK17A	0.0639244	0.189913	0.783273	-1.27669	0.615424	0.914739	-1.09321	0.900341	1.02229	1.02229	0.0171805	1.66676	1.66676	0.705058	1.06919	1.06919
cg05013696	OR4A16	0.0639262	0.0535672	0.234147	-4.27083	0.00834209	0.107258	-9.3233	0.327257	0.511844	-1.95372	0.418297	0.578268	-1.7293	0.0441706	0.216293	-4.62335
cg12243858	SSPO	0.0639296	0.126436	0.667483	-1.49817	0.0570418	0.590688	-1.69294	0.0200586	0.503612	-1.98566	0.110498	0.653618	-1.52995	0.0223002	0.511906	-1.95348
cg00280163	ZNF622	0.0639303	0.354414	1.21906	1.21906	0.393594	1.19924	1.19924	0.497592	0.866607	-1.15393	0.851933	1.03961	1.03961	0.587219	1.12071	1.12071
cg16751781	CHRNA5	0.0639323	0.546872	0.829899	-1.20497	0.012016	0.383624	-2.60672	0.959236	1.01575	1.01575	0.355543	0.747782	-1.33729	0.62205	0.859026	-1.16411
cg06143615	NUP210	0.0639337	0.412998	0.863103	-1.15861	0.407548	0.861548	-1.1607	0.0107192	0.568867	-1.75788	0.99666	0.999264	-1.00074	0.514823	0.890312	-1.1232
cg21507958	RPTOR;RPTOR	0.0639375	0.204434	1.30544	1.30544	0.176034	1.33154	1.33154	0.729778	0.93331	-1.07146	0.0865224	1.4577	1.4577	0.156277	1.35237	1.35237
cg24735671	TLR7	0.0639381	0.979681	1.01128	1.01128	0.262061	0.597541	-1.67353	0.00675875	0.213109	-4.69243	0.581243	1.278	1.278	0.0377079	0.346002	-2.89016
cg07662734	SCAMP4	0.06394	0.0731827	0.67502	-1.48144	0.136329	1.3712	1.3712	0.0369886	1.61034	1.61034	0.116668	0.715133	-1.39834	0.927411	1.01808	1.01808
cg03853227	CRY1;CRY1	0.0639403	0.6441	0.910186	-1.09868	0.038161	1.62594	1.62594	0.329101	0.815664	-1.226	0.251854	1.27399	1.27399	0.00638433	0.487741	-2.05027
cg25457064	ZFR2	0.063941	0.413507	0.800907	-1.24858	0.00449474	0.365729	-2.73427	0.0513719	0.554829	-1.80236	0.897954	0.9665	-1.03466	0.263943	0.734002	-1.36239
cg13191172	SLC25A4	0.0639467	0.417203	0.900554	-1.11043	0.432106	0.903671	-1.1066	0.00651166	1.56317	1.56317	0.0336963	0.730989	-1.36801	0.196436	1.18834	1.18834
cg05486094	VAMP8	0.0639474	0.267717	0.759067	-1.31741	0.0121239	0.473961	-2.10988	0.846764	1.04728	1.04728	0.250592	0.750779	-1.33195	0.0501115	0.586652	-1.70459
cg25919979	GLI2	0.063948	0.12439	0.614738	-1.62671	0.756547	0.913069	-1.09521	0.0496012	0.519398	-1.92531	0.810495	0.932159	-1.07278	0.00610425	0.351075	-2.8484
cg07501049	AGRN	0.0639503	0.223655	0.860835	-1.16166	0.0104816	1.45877	1.45877	0.314207	0.885152	-1.12975	0.364838	1.11532	1.11532	0.0927857	0.805103	-1.24208
cg26355737	TFDP1;TFDP1	0.0639519	0.774982	0.932707	-1.07215	0.0561284	1.69182	1.69182	0.249311	1.33999	1.33999	0.640446	0.891956	-1.12113	0.0124949	0.469855	-2.12832
cg12614113	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.0639554	0.186498	0.784065	-1.2754	0.272203	1.21961	1.21961	0.0256816	0.631078	-1.58459	0.908263	0.980176	-1.02023	0.0279249	0.636851	-1.57022
cg23987736	CDC42;CDC42;CDC42	0.0639555	0.0949695	0.617914	-1.61835	0.116731	1.56385	1.56385	0.589102	1.15381	1.15381	0.191608	0.69579	-1.43721	0.377058	0.788351	-1.26847
cg10149329	MFSD8;C4orf29	0.0639569	0.830715	0.953619	-1.04864	0.977375	0.993729	-1.00631	0.00921573	2.0819	2.0819	0.0377087	1.7069	1.7069	0.695248	0.916371	-1.09126
cg13803234	RAD51L1;RAD51L1;RAD51L1	0.0639606	0.33315	1.59161	1.59161	0.0305236	3.26547	3.26547	0.833962	0.906901	-1.10266	0.281982	1.68288	1.68288	0.199046	0.531655	-1.88092
cg07112210	MGAT5B	0.063961	0.0220472	1.84639	1.84639	0.609196	0.891233	-1.12204	0.0531743	0.612249	-1.63332	0.105702	1.48392	1.48392	0.932191	1.01919	1.01919
cg03387497	BANF2;BANF2;BANF2	0.0639619	0.0198594	0.535539	-1.86728	0.204567	0.742809	-1.34624	0.0630426	0.628509	-1.59107	0.432315	0.836961	-1.1948	0.0350385	0.579575	-1.7254
cg07423334	PDXDC1	0.0639625	0.182701	1.19552	1.19552	0.477487	1.0955	1.0955	0.548819	1.07963	1.07963	0.219088	1.17731	1.17731	0.278034	1.1531	1.1531
cg14221460	PTK2B;PTK2B;PTK2B;PTK2B	0.0639626	0.0320678	0.357145	-2.79998	0.334795	1.50355	1.50355	0.953336	1.02428	1.02428	0.268199	0.623219	-1.60457	0.0402806	0.378541	-2.64172
cg00601648	ADCY8	0.0639673	0.051656	0.240926	-4.15065	0.0077641	0.111152	-8.99665	0.0238265	0.176727	-5.65843	0.484298	0.633347	-1.57891	0.0517242	0.241053	-4.14847
cg06576340	PILRB;PILRB;PILRB	0.0639686	0.0579824	0.685244	-1.45933	0.0389974	0.656107	-1.52414	0.314445	0.832371	-1.20139	0.0233732	0.620135	-1.61255	0.13137	0.750304	-1.33279
cg04420835	MBLAC1;MBLAC1	0.0639697	0.0103453	0.696898	-1.43493	0.443124	0.916291	-1.09136	0.287656	1.13136	1.13136	0.129145	0.832498	-1.2012	0.214537	1.1573	1.1573
cg21868703	GNRHR2;PEX11B	0.06397	0.420997	0.867438	-1.15282	0.208002	0.794812	-1.25816	0.233842	0.805807	-1.24099	0.0312458	0.645832	-1.54839	0.0700443	0.704415	-1.41962
cg13494348	DLL1	0.0639705	0.581162	1.27273	1.27273	0.0101826	0.246002	-4.065	0.0429683	0.364927	-2.74027	0.207246	1.77821	1.77821	0.889691	1.0619	1.0619
cg00394358	NRG2;NRG2;NRG2;NRG2	0.0639712	0.00896331	0.494588	-2.02188	0.0955353	1.47382	1.47382	0.283559	1.26615	1.26615	0.467201	0.854961	-1.16964	0.306251	1.25153	1.25153
cg26301908	SOCS1	0.0639718	0.133501	0.621648	-1.60863	0.0527811	1.90907	1.90907	0.0645867	1.84	1.84	0.834776	1.06327	1.06327	0.156229	0.640492	-1.5613
cg19821098	DSCAML1	0.0639728	0.484923	1.2326	1.2326	0.0375537	0.491164	-2.03598	0.0561694	0.528722	-1.89135	0.49404	0.81494	-1.22708	0.139596	1.59748	1.59748
cg06969125	CSNK1G1	0.063973	0.533801	0.902351	-1.10822	0.480048	0.889534	-1.12418	0.0135211	0.607494	-1.64611	0.498122	0.89392	-1.11867	0.126002	0.763426	-1.30988
cg07071478	C12orf54	0.0639733	0.00809724	0.0741535	-13.4855	0.352653	0.480076	-2.08301	0.075532	0.219164	-4.56279	0.113643	0.266947	-3.74606	0.0582619	0.193598	-5.16535
cg08882503	NPHP4	0.0639735	0.0973412	0.397293	-2.51703	0.018952	0.236538	-4.22765	0.0614477	0.343343	-2.91254	0.647873	0.79191	-1.26277	0.0190683	0.237003	-4.21935
cg00702647	FHAD1	0.0639738	0.0239603	0.178205	-5.61152	0.905584	0.926833	-1.07894	0.728054	0.799689	-1.25049	0.0534723	0.245481	-4.07364	0.0279605	0.189595	-5.27439
cg18792116	IGF2BP3	0.0639742	0.357475	0.845664	-1.1825	0.831982	1.03835	1.03835	0.656976	0.92388	-1.08239	0.00171044	2.21042	2.21042	0.468727	1.13949	1.13949
cg06027906	CAT	0.0639757	0.176296	0.59305	-1.6862	0.618577	1.20011	1.20011	0.926752	1.03398	1.03398	0.767088	1.11399	1.11399	0.0449698	0.433347	-2.30762
cg03968699	HCFC1	0.0639762	0.108414	0.295207	-3.38746	0.0480777	0.207193	-4.82643	0.242366	0.426376	-2.34535	0.00846325	10.4024	10.4024	0.23973	0.424149	-2.35766
cg22219136	PMP22;PMP22;PMP22	0.0639764	0.175617	0.746005	-1.34047	0.252223	1.27552	1.27552	0.421107	1.18202	1.18202	0.605287	0.899357	-1.11191	0.0115826	0.526103	-1.90077
cg13432286	P4HTM;P4HTM	0.0639765	0.947798	1.00495	1.00495	0.0910151	0.869003	-1.15074	0.00880664	0.777581	-1.28604	0.190189	1.11031	1.11031	0.486255	0.948039	-1.05481
cg26356754	ZNF318	0.0639815	0.705778	0.859098	-1.16401	0.0424363	0.392291	-2.54913	0.0765326	2.201	2.201	0.070857	0.445675	-2.24379	0.0287878	0.356112	-2.80811
cg18516619	RPTOR;RPTOR	0.0639818	0.0486756	0.433167	-2.30858	0.980986	1.00889	1.00889	0.248788	0.638961	-1.56504	0.115835	0.529906	-1.88713	0.0473293	0.430374	-2.32356
cg05264764	ATP9A	0.0639834	0.267447	0.535457	-1.86756	0.441077	1.52923	1.52923	0.26433	1.87585	1.87585	0.00270062	0.106344	-9.40347	0.432859	1.54151	1.54151
cg07417020	LOC255167;LOC255167	0.0639837	0.038301	0.412497	-2.42426	0.0063186	0.269346	-3.7127	0.0931675	0.505967	-1.97641	0.280738	0.661282	-1.51221	0.0192308	0.351795	-2.84257
cg16721106	ATG4B;ATG4B	0.0639838	0.505902	0.8236	-1.21418	0.0161245	2.33141	2.33141	0.0500545	0.526013	-1.90109	0.210878	0.684525	-1.46087	0.48696	1.22516	1.22516
cg03773862	ELMO1	0.0639862	0.256182	0.45531	-2.19631	0.009684	8.78251	8.78251	0.12203	3.04211	3.04211	0.438902	0.592102	-1.6889	0.305513	0.494447	-2.02246
cg08090640	IFI35	0.063988	0.139886	0.464711	-2.15188	0.382345	1.5407	1.5407	0.00844775	0.197414	-5.0655	0.498699	0.717951	-1.39285	0.318574	0.608145	-1.64435
cg17631779	LARP1	0.063988	0.534811	1.104	1.104	0.0762327	0.73309	-1.36409	0.206906	0.810985	-1.23307	0.289033	0.840947	-1.18914	0.0366972	1.46526	1.46526
cg00039176	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA6;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGB3	0.0639882	0.58589	1.34062	1.34062	0.353316	1.66343	1.66343	0.467675	1.48256	1.48256	0.0846923	2.76223	2.76223	0.947013	1.03605	1.03605
cg07854251	GLT1D1	0.06399	0.661328	1.11464	1.11464	0.12086	0.660903	-1.51308	0.0275096	0.526325	-1.89997	0.416031	0.814922	-1.22711	0.547081	0.860689	-1.16186
cg25481999	C18orf2;C18orf2;C18orf2;C18orf2	0.0639916	0.175632	0.402207	-2.48628	0.0195773	0.16796	-5.9538	0.114957	0.338228	-2.95658	0.142027	0.368481	-2.71385	0.0135526	0.144818	-6.90522
cg09877947	PDLIM4;PDLIM4	0.0639926	0.066274	15.7809	15.7809	0.0674578	15.5496	15.5496	0.180471	6.71716	6.71716	0.125455	9.2158	9.2158	0.053106	18.9768	18.9768
cg04917181	TSPYL5	0.0639937	0.150777	35.3073	35.3073	0.394638	7.52278	7.52278	0.45465	5.82816	5.82816	0.394181	0.132658	-7.53819	0.229893	0.0541664	-18.4616
cg26675336	AKAP13;AKAP13	0.0639958	0.0234051	0.411163	-2.43212	0.0675553	0.51064	-1.95833	0.284557	0.694334	-1.44023	0.0904777	0.542186	-1.84438	0.00637689	0.311929	-3.20586
cg27265118	SETMAR;SETMAR	0.0639958	0.738476	0.930957	-1.07416	0.0309995	0.582349	-1.71718	0.0798692	1.51432	1.51432	0.997015	0.999202	-1.0008	0.60122	0.893514	-1.11918
cg11152298	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0639965	0.174361	0.880497	-1.13572	0.97161	1.00314	1.00314	0.0215398	1.27527	1.27527	0.0796012	0.842506	-1.18693	0.447535	1.07056	1.07056
cg02172312	CDH8	0.0639974	0.544919	1.14801	1.14801	0.00228908	2.6131	2.6131	0.677851	1.09867	1.09867	0.150797	1.41464	1.41464	0.309883	0.789215	-1.26708
cg18956393	DKK1	0.064	0.891326	1.01855	1.01855	0.190464	0.82995	-1.20489	0.157495	1.22533	1.22533	0.274494	0.858251	-1.16516	0.883806	1.01985	1.01985
cg07093953	BEGAIN;BEGAIN	0.0640001	0.433934	0.844029	-1.18479	0.643483	1.10405	1.10405	0.00467167	0.449886	-2.22279	0.13423	1.40914	1.40914	0.445994	1.17937	1.17937
cg14780795	LRP3	0.0640024	0.445586	1.22224	1.22224	0.286124	0.751337	-1.33096	0.0911671	1.6164	1.6164	0.472927	0.828277	-1.20733	0.00747748	0.411161	-2.43214
cg09891288	RPTOR;RPTOR	0.064003	0.819597	1.06389	1.06389	0.0267497	2.03702	2.03702	0.808405	1.06808	1.06808	0.131289	0.642962	-1.5553	0.105334	1.6156	1.6156
cg22874188	ABP1	0.0640037	0.0693392	0.70266	-1.42316	0.229289	1.24496	1.24496	0.53319	1.11585	1.11585	0.222102	1.24966	1.24966	0.551992	1.11016	1.11016
cg07567724	GATAD2B	0.0640081	0.210834	0.589513	-1.69632	0.27792	0.636193	-1.57185	0.842794	0.923495	-1.08284	0.122583	0.511385	-1.95547	0.00494283	0.224906	-4.4463
cg03963552	LOC728743	0.0640087	0.187463	1.25873	1.25873	0.377113	1.161	1.161	0.509668	1.11647	1.11647	0.00670366	0.560339	-1.78463	0.0436363	1.46532	1.46532
cg01883578	TOX3;TOX3	0.0640093	0.00225574	0.338095	-2.95775	0.96256	1.01198	1.01198	0.668253	1.11558	1.11558	0.787766	1.07085	1.07085	0.25788	1.34922	1.34922
cg08668878	SUV420H1	0.0640098	0.0335668	0.271503	-3.6832	0.00638228	0.155062	-6.44903	0.116475	0.408308	-2.44913	0.990787	1.00608	1.00608	0.317744	0.581393	-1.72001
cg08370077	GNG13	0.0640103	0.0722464	0.29766	-3.35954	0.0207327	0.185997	-5.37643	0.72906	0.810554	-1.23372	0.532419	1.46517	1.46517	0.0685698	0.291863	-3.42627
cg00101115	SUPT4H1	0.0640113	0.164562	0.551246	-1.81407	0.861179	0.932113	-1.07283	0.161209	0.548273	-1.82391	0.0287598	0.354911	-2.81761	0.00342266	0.202443	-4.93965
cg08463932	LAPTM5	0.064012	0.0831608	0.64562	-1.5489	0.287094	1.28676	1.28676	0.742099	1.07823	1.07823	0.292747	0.779604	-1.2827	0.550756	0.871371	-1.14762
cg27253670	SOX21	0.0640121	0.0538304	0.779803	-1.28238	0.044709	0.769656	-1.29928	0.949195	0.992787	-1.00727	0.0996063	1.22758	1.22758	0.13488	0.832668	-1.20096
cg07179925	ITGB1BP1;ITGB1BP1;CPSF3;CPSF3	0.064014	0.401814	0.841568	-1.18826	0.0790214	0.675688	-1.47997	0.723361	1.07406	1.07406	0.86908	1.03372	1.03372	0.0742977	0.670478	-1.49147
cg01959416	ACTR3C;LRRC61;LRRC61	0.0640162	0.0214743	14.7134	14.7134	0.199641	3.73928	3.73928	0.10321	5.66795	5.66795	0.108323	5.50161	5.50161	0.257743	3.15664	3.15664
cg15117681	CSNK1D;CSNK1D	0.064017	0.0197451	4.47782	4.47782	0.0141768	5.00999	5.00999	0.0484604	3.32156	3.32156	0.0549015	3.18729	3.18729	0.0994252	2.61594	2.61594
cg07656347	MDC1	0.0640195	0.882179	0.982366	-1.01795	0.0663706	1.2802	1.2802	0.0580358	1.29308	1.29308	0.0402627	0.752562	-1.32879	0.282172	0.874525	-1.14348
cg19366877	C1orf157	0.0640228	0.0206505	0.404274	-2.47357	0.30482	0.708008	-1.41241	0.0426849	0.468515	-2.1344	0.480147	0.791973	-1.26267	0.0206302	0.404192	-2.47407
cg24832908	OR1S1	0.0640232	0.0517934	0.178552	-5.60062	0.128268	0.27807	-3.59622	0.318603	0.448243	-2.23093	0.34175	0.466459	-2.14381	0.025283	0.126115	-7.9293

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19133023	0.0848431	0.388391	-2.57472	0.0381619	0.303467	-3.29525	0.0121214	0.211838	-4.72059	0.134588	0.449055	-2.2269	3.08162	12.0202	3.4672	1
cg03804240	0.859684	1.0825	1.0825	0.038671	0.342051	-2.92354	0.0221853	0.292766	-3.4157	0.557474	0.766611	-1.30444	3.08158	9.79529	2.82548	1
cg17704111	0.465121	0.786005	-1.27226	0.0239473	0.417872	-2.39308	0.44519	1.28671	1.28671	0.458905	0.783268	-1.2767	3.08155	5.12054	1.47705	1
cg16334314	0.591434	1.16016	1.16016	0.187829	1.46619	1.46619	0.00195463	3.32233	3.32233	0.167714	1.49655	1.49655	3.08151	3.66875	1.05829	1
cg09041678	0.0745142	3.50709	3.50709	0.01177	7.29323	7.29323	0.0359408	4.66955	4.66955	0.204107	2.33123	2.33123	3.08147	19.4646	5.61482	1
cg20684180	0.897382	0.913231	-1.09501	0.202321	2.57778	2.57778	0.0169153	7.76442	7.76442	0.884841	0.903077	-1.10733	3.08145	24.1501	6.96643	1
cg12200142	0.396892	0.687122	-1.45534	0.859554	0.926251	-1.07962	0.114331	0.475725	-2.10206	0.0783854	0.429238	-2.32971	3.08144	9.13107	2.634	1
ch.8.1812887R	0.493251	0.827262	-1.20881	0.0305917	0.500371	-1.99852	0.610285	1.15037	1.15037	0.703404	1.10988	1.10988	3.08143	3.62489	1.04566	1
cg03311684	0.0109485	0.0404276	-24.7356	0.0410622	0.0936201	-10.6815	0.241287	0.291587	-3.42951	0.0338287	0.0829422	-12.0566	3.08141	49.2655	14.2115	1
cg05802386	0.838108	0.928453	-1.07706	0.900591	0.955666	-1.04639	0.222511	0.628021	-1.5923	0.0398989	0.422362	-2.36764	3.08141	6.42601	1.8537	1
cg13600493	0.00315987	0.224175	-4.46081	0.264836	0.649952	-1.53857	0.649051	0.843778	-1.18515	0.19152	0.598899	-1.66973	3.0814	6.7083	1.93514	1
cg05627441	0.0287121	15.331	15.331	0.0355116	13.3251	13.3251	0.0174337	21.3761	21.3761	0.0664857	8.82276	8.82276	3.08139	54.6286	15.7587	1
cg12253437	0.951721	0.983878	-1.01639	0.00325219	0.340539	-2.93652	0.404969	1.257	1.257	0.079271	0.59275	-1.68705	3.08139	3.51671	1.01447	1
cg20443501	0.854344	0.953907	-1.04832	0.681588	0.899481	-1.11175	0.112997	1.5573	1.5573	0.788158	0.933179	-1.07161	3.08135	3.21796	0.928299	1
cg14834865	0.0635228	1.60865	1.60865	0.00892722	2.13397	2.13397	0.405854	0.823846	-1.21382	0.589473	0.883264	-1.13216	3.08133	2.5338	0.730939	1
cg05321960	0.0215271	0.211022	-4.73884	?	?	?	0.143298	0.412177	-2.42614	0.549618	0.710954	-1.40656	3.1231	13.9612	4.47031	1
cg25836232	0.449906	0.828185	-1.20746	0.138605	0.676802	-1.47754	0.303274	1.29834	1.29834	0.528822	1.1691	1.1691	3.08123	2.92573	0.844029	1
cg23027521	0.00676606	0.110767	-9.02793	0.457997	1.57688	1.57688	0.165976	0.407923	-2.45144	0.581769	1.39771	1.39771	3.32026	18.5931	4.35547	1
cg18956714	0.622763	1.16805	1.16805	0.867231	0.948935	-1.05381	0.554676	1.20587	1.20587	0.00298701	3.58212	3.58212	3.08118	4.78897	1.38157	1
cg03228407	0.152048	0.379629	-2.63415	0.0140717	0.147592	-6.77542	0.560179	1.45041	1.45041	0.189025	0.415478	-2.40687	3.08117	19.4431	5.60915	1
cg15412718	0.0880014	2.34686	2.34686	0.401877	0.677913	-1.47512	0.0660019	0.392778	-2.54597	0.141407	2.04732	2.04732	3.08111	10.018	2.89016	1
cg17890778	0.0924813	0.509473	-1.96281	0.0275358	0.387019	-2.58385	0.0591508	0.46023	-2.17283	0.127967	0.549159	-1.82096	3.08106	6.47316	1.86752	1
cg03367519	0.00522399	1.88291	1.88291	0.556533	1.10753	1.10753	0.194265	0.789902	-1.26598	0.34045	1.18379	1.18379	3.08102	1.43923	0.415224	1
cg06873916	0.00338628	3.49501	3.49501	0.0522807	2.00017	2.00017	0.493967	1.24377	1.24377	0.895012	0.959383	-1.04234	3.08102	4.81277	1.38851	1
cg14177620	0.712494	0.850699	-1.1755	0.417701	0.696422	-1.43591	0.476649	1.37183	1.37183	0.939321	1.03382	1.03382	3.08101	9.31275	2.68678	1
cg00754740	0.108804	0.375108	-2.6659	0.00608147	0.134241	-7.44931	0.152079	0.423083	-2.3636	0.0859485	0.345123	-2.89752	3.08099	15.3373	4.42491	1
cg15585183	0.337241	0.591876	-1.68954	0.0380832	0.279585	-3.57673	0.170664	0.461436	-2.16715	0.233248	0.515539	-1.93972	3.08099	13.712	3.956	1
cg02099390	0.996229	1.00103	1.00103	0.00927913	2.04999	2.04999	0.00554993	2.20851	2.20851	0.444852	1.18455	1.18455	3.08098	2.30733	0.665685	1
cg08604181	0.555388	0.837487	-1.19405	0.00775537	2.76405	2.76405	0.3711	1.31399	1.31399	0.714596	0.896548	-1.11539	3.08096	4.31382	1.24458	1
cg06931815	0.730784	1.06887	1.06887	0.0135617	0.554861	-1.80225	0.906599	1.02289	1.02289	0.75559	1.06206	1.06206	3.08094	1.81421	0.523422	1
cg12969734	0.790436	0.961112	-1.04046	0.94858	1.00965	1.00965	0.225589	0.827357	-1.20867	0.0210132	0.66138	-1.51199	3.08093	1.08214	0.312212	1
cg13788819	0.0973753	0.491959	-2.03269	0.0373404	0.38974	-2.56581	0.102483	0.498187	-2.00728	0.082747	0.47273	-2.11537	3.08092	7.41968	2.14068	1
cg04026012	0.470303	1.167	1.167	0.0275158	0.578027	-1.73002	0.341836	1.22868	1.22868	0.0731717	1.52222	1.52222	3.08091	2.15739	0.62244	1
cg24421707	0.00171018	0.55345	-1.80685	0.629012	0.93771	-1.06643	0.937967	1.01034	1.01034	0.446145	1.10804	1.10804	3.08087	0.851636	0.245713	1
cg10345429	0.790478	0.939361	-1.06455	0.0576212	1.65592	1.65592	0.810701	0.945189	-1.05799	0.087671	0.642202	-1.55714	3.08085	2.69276	0.776918	1
cg26900259	0.520818	1.07105	1.07105	0.0128426	0.721915	-1.3852	0.0927842	0.822799	-1.21536	0.41946	0.916684	-1.09089	3.08082	0.542628	0.156561	1
cg08439022	0.134558	0.645641	-1.54885	0.25974	0.727015	-1.37549	0.299475	1.33856	1.33856	0.401733	1.26204	1.26204	3.0808	3.58803	1.03524	1
cg17387870	0.289098	0.707599	-1.41323	0.0811113	0.544525	-1.83646	0.0206447	0.416406	-2.4015	0.292399	0.709395	-1.40965	3.08077	4.82038	1.39082	1
cg06507987	0.130901	2.33357	2.33357	0.00226809	9.19526	9.19526	0.0336558	3.62912	3.62912	0.115542	2.43225	2.43225	3.08073	13.1694	3.79978	1
cg03066485	0.450414	1.28882	1.28882	0.609316	0.843616	-1.18537	0.667355	1.15333	1.15333	0.360666	0.733414	-1.36349	3.08073	5.31126	1.53247	1
cg25887236	0.0813688	14.7601	14.7601	0.013394	71.3658	71.3658	0.0295255	35.5516	35.5516	0.045148	24.5989	24.5989	3.08067	94.7336	27.3342	1
cg06746360	0.00179798	0.344381	-2.90376	0.127317	0.67313	-1.4856	0.718159	1.0909	1.0909	0.323627	1.27726	1.27726	3.08067	2.81154	0.811237	1
cg21634100	0.271197	0.754377	-1.3256	0.117135	0.657822	-1.52017	0.205135	1.3895	1.3895	0.0333451	0.54231	-1.84396	3.08066	2.95406	0.852362	1
cg14193121	0.387268	1.46442	1.46442	0.188356	1.82205	1.82205	0.00946944	0.242876	-4.11732	0.650461	0.821724	-1.21695	3.08065	9.03977	2.60833	1
cg04179706	0.0421379	0.588251	-1.69995	0.772837	0.936511	-1.06779	0.131391	1.44644	1.44644	0.102093	0.666646	-1.50005	3.08062	2.50585	0.723045	1
cg22297966	0.275378	0.529972	-1.88689	0.0279037	0.233709	-4.27883	0.501767	0.682865	-1.46442	0.164839	0.436447	-2.29123	3.08061	15.2746	4.4074	1
cg14199837	0.380429	0.887737	-1.12646	0.0912506	1.27913	1.27913	0.0679068	1.3108	1.3108	0.689283	1.05463	1.05463	3.08057	0.854684	0.246617	1
cg12301169	0.0119854	0.418004	-2.39232	0.442931	0.804371	-1.24321	0.17693	1.49093	1.49093	0.202004	1.45483	1.45483	3.08055	3.7782	1.09019	1
cg14315008	0.788297	1.24789	1.24789	0.0408973	0.143453	-6.97094	0.0537316	0.164921	-6.06351	0.0461556	0.1526	-6.55309	3.08055	33.0321	9.53137	1
cg08325271	0.0614434	0.380599	-2.62744	0.0686186	0.392785	-2.54592	0.383793	0.664027	-1.50596	0.0138578	0.248034	-4.03171	3.0805	10.255	2.95913	1
cg11376198	0.0584434	2.28357	2.28357	0.130782	1.87788	1.87788	0.0037897	4.51934	4.51934	0.174188	1.74764	1.74764	3.08049	7.27655	2.09968	1
cg20043202	0.781109	0.895964	-1.11612	0.0191301	0.326862	-3.05939	0.623354	1.21556	1.21556	0.211897	0.595352	-1.67968	3.08049	7.58774	2.18948	1
cg15023006	0.0144288	0.381916	-2.61838	0.0592164	0.506621	-1.97386	0.108879	1.74756	1.74756	0.0402533	0.469292	-2.13087	3.08046	4.97241	1.43482	1
cg16029453	0.998648	0.999791	-1.00021	0.543306	0.926865	-1.07891	0.642257	0.943886	-1.05945	0.890112	1.01721	1.01721	3.08046	0.743445	0.214526	1
cg06187103	0.215267	3.19702	3.19702	0.0111889	16.9891	16.9891	0.107308	4.78833	4.78833	0.0422664	8.04014	8.04014	3.08043	38.7325	11.1767	1
cg03490759	0.189217	0.503219	-1.98721	0.139341	2.19358	2.19358	0.475131	1.43132	1.43132	0.641433	0.793282	-1.26059	3.08043	11.8944	3.43226	1
cg06120000	0.699991	0.920295	-1.08661	0.103817	0.682791	-1.46458	0.175701	0.734268	-1.3619	0.373339	0.821974	-1.21658	3.08037	2.24513	0.647867	1
cg04543131	0.00154388	0.353588	-2.82815	0.863117	0.961374	-1.04018	0.42761	0.831198	-1.20308	0.43296	1.20041	1.20041	3.08033	2.54221	0.733603	1
cg23785719	0.642394	0.921017	-1.08576	0.0200992	0.610555	-1.63785	0.0874336	1.39372	1.39372	0.311184	1.20244	1.20244	3.08032	1.51021	0.435802	1
cg05013696	0.0729784	0.265963	-3.75993	0.0586696	0.243077	-4.11391	0.0409518	0.209665	-4.76951	0.0502561	0.228083	-4.38437	3.08029	21.3951	6.17406	1
cg12243858	0.155167	0.689393	-1.45055	0.0335129	0.544833	-1.83543	0.190508	0.712519	-1.40347	0.0195018	0.501425	-1.99432	3.08022	2.91634	0.841597	1
cg00280163	0.543098	0.879872	-1.13653	0.00172571	0.394718	-2.53346	0.900085	1.02646	1.02646	0.224277	0.766891	-1.30397	3.08021	2.10868	0.608523	1
cg16751781	0.817787	1.07313	1.07313	0.12988	1.64932	1.64932	0.0134503	2.54941	2.54941	0.941408	1.02274	1.02274	3.08017	4.56257	1.31669	1
cg06143615	0.181468	0.77917	-1.28342	0.018216	1.65571	1.65571	0.437306	1.14956	1.14956	0.226894	0.79998	-1.25003	3.08014	1.50945	0.435607	1
cg21507958	0.508984	1.14265	1.14265	0.0142187	1.82574	1.82574	0.032379	0.607364	-1.64646	0.245989	1.27316	1.27316	3.08007	1.93254	0.557718	1
cg24735671	0.592458	1.2686	1.2686	0.618457	1.24742	1.24742	0.851532	1.086	1.086	0.0307732	0.327246	-3.05581	3.08006	9.45769	2.72944	1
cg07662734	0.583537	1.11505	1.11505	0.0799868	1.46534	1.46534	0.0794718	0.681892	-1.46651	0.633999	0.909973	-1.09893	3.08002	1.88717	0.544632	1
cg03853227	0.306834	0.807342	-1.23863	0.365064	0.828392	-1.20716	0.212729	0.766834	-1.30406	0.846086	0.961449	-1.0401	3.08002	1.9962	0.5761	1
cg25457064	0.209017	1.42145	1.42145	0.461606	1.22022	1.22022	0.420787	1.24411	1.24411	0.575572	1.16208	1.16208	3.08001	3.44026	0.992859	1
cg13191172	0.581378	0.932062	-1.07289	0.985131	0.997648	-1.00236	0.451565	0.907646	-1.10175	0.382266	0.892968	-1.11986	3.0799	0.778554	0.224699	1
cg05486094	0.0511457	0.588431	-1.69943	0.162931	1.42705	1.42705	0.257089	1.32632	1.32632	0.366461	0.801291	-1.24799	3.07988	2.78079	0.802568	1
cg25919979	0.0626142	0.541856	-1.84551	0.0374755	0.493609	-2.02589	0.0480128	0.516337	-1.93672	0.191292	0.667236	-1.49872	3.07987	4.17169	1.204	1
cg07501049	0.541403	0.930101	-1.07515	0.0400908	1.32056	1.32056	0.651143	1.0548	1.0548	0.632205	1.05815	1.05815	3.07983	0.670135	0.193412	1
cg26355737	0.142863	1.46634	1.46634	0.0597259	0.596654	-1.67601	0.737028	1.08536	1.08536	0.57041	0.869891	-1.14957	3.0798	2.88166	0.831702	1
cg12614113	0.299748	0.829713	-1.20524	0.0476728	1.48199	1.48199	0.173432	0.777556	-1.28608	0.593015	0.910543	-1.09825	3.07973	1.47178	0.424794	1
cg23987736	0.350508	1.28674	1.28674	0.0111107	0.433762	-2.30541	0.0965123	0.619562	-1.61404	0.111812	0.634874	-1.57512	3.07973	3.3575	0.96906	1
cg10149329	0.14281	1.4182	1.4182	0.222796	0.75263	-1.32867	0.0375563	1.70785	1.70785	0.917679	1.0232	1.0232	3.0797	2.40014	0.692749	1
cg13803234	0.0251517	3.45484	3.45484	0.998676	1.00077	1.00077	0.0165508	3.90728	3.90728	0.0975672	2.331	2.331	3.07963	10.5709	3.05112	1
cg07112210	0.239095	1.31698	1.31698	0.148296	1.41383	1.41383	0.57943	1.13318	1.13318	0.0270225	1.79446	1.79446	3.07962	2.43263	0.702145	1
cg03387497	0.780543	1.064	1.064	0.326144	0.798392	-1.25252	0.0292749	0.565329	-1.76888	0.0155644	0.517441	-1.93259	3.07961	2.40577	0.694394	1
cg07423334	0.308944	0.875479	-1.14223	0.0018369	1.74863	1.74863	0.614395	1.06626	1.06626	0.103998	1.25169	1.25169	3.0796	0.777923	0.224538	1
cg14221460	0.402291	0.703671	-1.42112	0.0114681	0.273385	-3.65785	0.300895	0.64436	-1.55193	0.227002	1.6821	1.6821	3.07959	8.19919	2.3666	1
cg00601648	0.219702	0.436341	-2.29179	0.0469889	0.231993	-4.31048	0.0822846	0.290272	-3.44505	0.207659	0.425798	-2.34853	3.07951	20.1403	5.81342	1
cg06576340	0.370086	0.85015	-1.17626	0.102712	1.37013	1.37013	0.585497	1.102	1.102	0.0801532	0.710068	-1.40832	3.07948	1.51718	0.437934	1
cg04420835	0.581713	1.06418	1.06418	0.459405	0.919231	-1.08787	0.0809812	0.805479	-1.2415	0.11695	1.20974	1.20974	3.07946	0.60961	0.175964	1
cg21868703	0.0151799	0.596927	-1.67525	0.15753	0.769929	-1.29882	0.0061141	0.53848	-1.85708	0.249714	0.812126	-1.23134	3.07945	1.45953	0.421295	1
cg13494348	0.791365	1.12159	1.12159	0.317325	1.5642	1.5642	0.283053	1.6205	1.6205	0.109386	2.12865	2.12865	3.07944	9.13552	2.63699	1
cg00394358	0.244893	1.29388	1.29388	0.0783699	0.660889	-1.51311	0.378801	1.21076	1.21076	0.951863	1.01287	1.01287	3.07943	2.18807	0.631594	1
cg26301908	0.648195	0.873777	-1.14446	0.0967676	0.585391	-1.70826	0.0733818	0.556326	-1.79751	0.111844	0.601349	-1.66293	3.07942	4.20765	1.21456	1
cg19821098	0.333021	1.34211	1.34211	0.0171504	2.35355	2.35355	0.800402	1.07751	1.07751	0.987332	1.00469	1.00469	3.0794	4.2345	1.22232	1
cg06969125	0.0112567	1.67818	1.67818	0.381288	0.863795	-1.15768	0.784626	1.04568	1.04568	0.957434	0.991335	-1.00874	3.0794	1.29662	0.374279	1
cg07071478	0.0591333	0.194973	-5.12891	0.0146174	0.0995673	-10.0435	0.255359	0.402087	-2.48702	0.104478	0.256248	-3.90246	3.07939	28.7098	8.2873	1
cg08882503	0.830142	0.896732	-1.11516	0.0106606	0.196146	-5.09825	0.43634	0.668377	-1.49616	0.169922	0.476302	-2.09951	3.07939	12.5548	3.62404	1
cg00702647	0.109755	0.327446	-3.05394	0.00896615	0.119037	-8.40073	0.103714	0.320015	-3.12486	0.243614	0.457837	-2.18418	3.07938	19.9986	5.77276	1
cg18792116	0.284681	1.21757	1.21757	0.0913672	1.39004	1.39004	0.787803	1.04895	1.04895	0.835817	1.03744	1.03744	3.07937	1.53031	0.441739	1
cg06027906	0.924806	1.0349	1.0349	0.894098	1.0496	1.0496	0.00311462	0.230041	-4.34706	0.0954211	0.513881	-1.94598	3.07934	6.44161	1.85945	1
cg03968699	0.414444	0.559223	-1.78819	0.384034	1.86236	1.86236	0.891212	0.909065	-1.10003	0.994753	0.995429	-1.00459	3.07934	23.6718	6.83316	1
cg22219136	0.709414	1.07914	1.07914	0.366516	0.827988	-1.20775	0.16338	1.35347	1.35347	0.0377652	1.63268	1.63268	3.07933	2.01896	0.582798	1
cg13432286	0.639245	0.965018	-1.03625	0.757387	0.9769	-1.02365	0.0381322	1.19874	1.19874	0.297782	0.921818	-1.08481	3.07933	0.277428	0.0800833	1
cg26356754	0.311802	0.657713	-1.52042	0.0359999	0.376553	-2.65567	0.629985	1.21455	1.21455	0.498967	0.759699	-1.31631	3.07924	7.8194	2.25724	1
cg18516619	0.135069	0.549607	-1.81948	0.0381792	0.409553	-2.44169	0.0139658	0.323674	-3.08953	0.0205481	0.354613	-2.81997	3.07923	6.73241	1.94346	1
cg05264764	0.127046	0.409723	-2.44067	0.580072	0.739215	-1.35279	0.269929	0.537333	-1.86104	0.687868	0.803833	-1.24404	3.0792	14.257	4.11564	1
cg07417020	0.219688	0.621218	-1.60974	0.0941277	0.507173	-1.97172	0.0902338	0.502227	-1.99113	0.679532	0.857932	-1.16559	3.07919	6.63567	1.91556	1
cg16721106	0.399595	0.780412	-1.28137	0.184871	1.49828	1.49828	0.0585674	1.84851	1.84851	0.912855	0.969015	-1.03198	3.07919	4.03148	1.16379	1
cg03773862	0.087325	3.50092	3.50092	?	?	?	0.303859	2.02769	2.02769	0.415476	0.575509	-1.73759	3.12089	19.3603	6.20345	1
cg08090640	0.023851	0.272282	-3.67266	0.0618833	0.362612	-2.75777	0.919685	1.04986	1.04986	0.064746	0.367568	-2.72059	3.07911	11.3513	3.27693	1
cg17631779	0.0142194	1.60968	1.60968	0.879601	1.02414	1.02414	0.66272	1.07152	1.07152	0.228326	1.2202	1.2202	3.07911	1.20811	0.348761	1
cg00039176	0.0896014	2.71069	2.71069	0.086208	0.364178	-2.74591	0.00632084	6.65086	6.65086	0.36414	0.608403	-1.64365	3.07911	13.846	3.99711	1
cg07854251	0.335478	0.783075	-1.27702	0.00900711	2.26495	2.26495	0.564335	1.15427	1.15427	0.386847	0.803813	-1.24407	3.07907	2.95594	0.853343	1
cg25481999	0.0606382	0.262433	-3.8105	0.0764119	0.287464	-3.47869	0.0265495	0.189606	-5.2741	0.0666445	0.27237	-3.67148	3.07904	19.5052	5.63095	1
cg09877947	0.0586447	17.4734	17.4734	0.0077316	97.7299	97.7299	0.0229501	38.2299	38.2299	0.45294	2.78425	2.78425	3.07902	87.4659	25.2507	1
cg04917181	0.449503	0.168025	-5.95151	0.0374651	267.212	267.212	0.0200557	660.9	660.9	0.0283315	399.902	399.902	3.079	261.231	75.4157	1
cg26675336	0.920406	1.03334	1.03334	0.22433	0.657783	-1.52026	0.658107	0.864026	-1.15737	0.0383757	0.455023	-2.19769	3.07896	5.25155	1.51611	1
cg27265118	0.832641	1.04622	1.04622	0.0222125	1.79548	1.79548	0.0939986	1.48164	1.48164	0.0940245	1.48159	1.48159	3.07896	2.22303	0.641782	1
cg11152298	0.855591	0.984082	-1.01618	0.289454	0.907692	-1.1017	0.0175499	0.77525	-1.28991	0.296979	0.909153	-1.09992	3.07895	0.378329	0.109223	1
cg02172312	0.369126	1.23095	1.23095	0.34606	0.803645	-1.24433	0.241972	1.31769	1.31769	0.210938	1.34572	1.34572	3.07893	2.47461	0.71442	1
cg18956393	0.244944	1.17764	1.17764	0.00622147	0.619106	-1.61523	0.0916602	1.28361	1.28361	0.608272	1.07197	1.07197	3.07888	0.881315	0.25444	1
cg07093953	0.931266	1.01849	1.01849	0.0706867	1.53564	1.53564	0.481776	0.859119	-1.16398	0.416316	0.838257	-1.19295	3.07888	2.19934	0.63496	1
cg14780795	0.479413	0.830635	-1.2039	0.159644	1.47378	1.47378	0.131371	1.52254	1.52254	0.574884	1.15749	1.15749	3.07884	3.2481	0.937756	1
cg09891288	0.605176	0.86816	-1.15186	0.186544	1.46171	1.46171	0.703034	0.901371	-1.10942	0.0177864	0.457853	-2.18411	3.07882	3.58367	1.03464	1
cg22874188	0.265049	1.22353	1.22353	0.180892	1.27984	1.27984	0.0155397	0.597249	-1.67434	0.105099	0.735227	-1.36012	3.07881	1.4709	0.424666	1
cg07567724	0.0780502	0.456215	-2.19195	0.0727597	0.44827	-2.2308	0.657604	1.19578	1.19578	0.0271989	0.350712	-2.85134	3.07873	7.83397	2.26182	1
cg03963552	0.938173	0.987303	-1.01286	0.700181	0.938255	-1.06581	0.751182	0.948952	-1.05379	0.13615	1.30278	1.30278	3.07872	1.3229	0.381949	1
cg01883578	0.271447	0.747931	-1.33702	0.853329	1.04807	1.04807	0.232228	0.72772	-1.37416	0.283015	1.32709	1.32709	3.07871	3.13822	0.906073	1
cg08668878	0.128058	0.421496	-2.3725	0.680277	0.804447	-1.24309	0.155326	2.22223	2.22223	0.20633	0.496592	-2.01372	3.0787	13.4466	3.88233	1
cg08370077	0.418658	0.60703	-1.64737	0.0097366	0.138765	-7.20641	0.204419	0.445335	-2.2455	0.412688	1.65847	1.65847	3.07869	17.7905	5.13655	1
cg00101115	0.880185	0.941217	-1.06245	0.338283	1.48654	1.48654	0.634326	0.824933	-1.21222	0.914079	1.0443	1.0443	3.07867	7.86547	2.27096	1
cg08463932	0.217975	1.34393	1.34393	0.00434578	2.38509	2.38509	0.9091	1.02639	1.02639	0.358845	0.806374	-1.24012	3.07865	2.53683	0.732451	1
cg27253670	0.572899	0.937329	-1.06686	0.206617	1.16338	1.16338	0.887336	1.01624	1.01624	0.0431063	1.30263	1.30263	3.07865	0.629322	0.181702	1
cg07179925	0.00238891	0.427026	-2.34178	0.0908708	0.687688	-1.45415	0.53525	0.881424	-1.13453	0.334939	0.818823	-1.22127	3.07862	1.97024	0.568866	1
cg01959416	0.279991	2.98351	2.98351	0.00330999	49.0947	49.0947	0.0806547	6.591	6.591	0.202751	3.70179	3.70179	3.07857	46.1906	13.3368	1
cg15117681	0.840699	1.11311	1.11311	0.921245	1.05407	1.05407	0.0511545	3.26267	3.26267	0.102502	2.58927	2.58927	3.07856	13.8237	3.99139	1
cg07656347	0.738464	0.960597	-1.04102	0.0989145	0.804891	-1.2424	0.17905	0.842618	-1.18678	0.148327	1.20444	1.20444	3.07851	0.701716	0.202613	1
cg19366877	0.90117	0.960434	-1.0412	0.0081473	0.332702	-3.0057	0.717124	0.888492	-1.1255	0.437784	0.773219	-1.29329	3.07845	5.14804	1.48648	1
cg24832908	0.0546586	0.183261	-5.45671	0.00635666	0.0629655	-15.8817	0.208564	0.356289	-2.80671	0.0428556	0.162929	-6.13765	3.07844	29.546	8.53131	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg22871375	C12orf52;DDX54;DDX54	0.0640234	0.599557
cg00466436	DEFB126	0.0640242	0.0883078
cg07660671	SOX7	0.0640243	0.0494802
cg04161859	CDH23;CDH23	0.0640245	0.170542
cg18081760	HIPK1;HIPK1	0.0640257	0.48298
cg02415349	AGRN	0.0640274	0.00581215
cg24029551	ATPBD4;ATPBD4	0.064029	0.563592
cg19956147	NXN	0.0640312	0.0255315
cg00912946	UBQLN4	0.0640331	0.0255748
cg02236913	HTR6	0.0640334	0.0381877
cg00242020	GOT1L1;GOT1L1	0.0640339	0.110245
cg03291865	FAM138D	0.0640418	0.137017
cg00367532	SEMA7A;SEMA7A;SEMA7A	0.0640426	0.784964
cg02497868	CDADC1	0.0640435	0.453467
cg13399274	MAP3K11	0.0640449	0.823169
cg17570939	BCR;BCR	0.0640466	0.291306
cg12186618	CACNG6;CACNG6;CACNG6	0.064048	0.879458
cg24739899	TTN;TTN;TTN;TTN	0.0640494	0.186332
cg06181187	CRYGB	0.0640499	0.0219755
cg17917683	HCG27	0.0640514	0.140156
cg13706544	LHFPL3	0.0640529	0.362544
cg02335971	MTBP;MRPL13;MRPL13	0.064056	0.417401
cg21915799	MSRA;MSRA;MSRA	0.0640565	0.647414
cg21461100	NOVA2	0.0640594	0.140698
cg01330670	TBC1D8	0.0640598	0.911219
cg11715725	ZBTB7B	0.0640599	0.581366
cg03374559	NPLOC4	0.0640599	0.700776
cg13752837	UNC13B;UNC13B	0.0640602	0.0231703
cg07078958	SH3BP5;SH3BP5	0.0640607	0.07538
cg12530021	SIGLEC12;SIGLEC12	0.0640624	0.00366229
cg21848117	SLC38A10;SLC38A10	0.0640641	0.244506
cg16163140	ADAMTS16	0.0640645	0.54579
cg14519952	ZNF664	0.0640653	0.267957
cg03265074	LOC283404	0.0640653	0.0844419
cg25211622	SLC25A22	0.0640673	0.0342397
cg20832320	APEH	0.064068	0.0178957
cg01933487	MAP3K7IP1;MAP3K7IP1	0.0640716	0.239371
cg21090344	SLC16A11	0.0640719	0.978531
cg14381255	ATP11A;ATP11A	0.0640721	0.369603
cg25631746	MPND;MPND	0.064075	0.290394
cg24659419	LANCL2	0.0640763	0.681522
cg04353769	MS4A6A;MS4A6A;MS4A6A	0.0640771	0.0132135
cg24435924	MAST1	0.064078	0.630767
cg14434745	SEMA4B;SEMA4B	0.064079	0.168244
cg23472379	EBF3	0.0640792	0.550403
cg11812202	PNLIP	0.0640796	0.0249348
cg23280166	VPS11	0.0640802	0.6743
cg02718960	COX7B2	0.0640809	0.657067
cg23409370	SLC43A1	0.0640814	0.814262
cg20304727	NPTX2	0.0640825	0.862541
cg02771142	PAX6;PAX6;PAX6	0.0640829	0.264302
cg13972491	C9orf3	0.0640831	0.431828
cg22044635	DNAH17	0.0640842	0.247302
cg15625098	TMEM44;TMEM44;TMEM44;TMEM44	0.0640868	0.548805
cg21177880	PNPLA7;PNPLA7	0.0640869	0.36161
cg19854235	SPATC1;SPATC1	0.0640871	0.690554
cg17016978	MTX1;MTX1	0.0640895	0.655738
cg03658384	UNC13A	0.0640914	0.353579
cg20562630	GK2	0.0640922	0.0209181
cg17133972	ADARB2	0.0640925	0.148066
cg13223777	SLC24A5	0.0640953	0.0585416
cg03678722	AGFG1;AGFG1;AGFG1;AGFG1	0.0640956	0.204905
cg16998223	NKAIN3	0.0640969	0.238533
cg25717239	HECW1	0.0640982	0.729687
cg06466027	SEBOX;SEBOX	0.0640984	?
cg01922997	NVL;NVL	0.0640988	0.955436
cg09659697	CCNO	0.0640994	0.65799
cg11806528	WNT2B;WNT2B	0.0641003	0.0537446
cg01755562	CLSTN2	0.0641031	0.556309
cg24511953	VIPR2	0.0641033	0.0634374
cg02938413	ZAN;ZAN	0.0641041	0.0821024
cg01466771	PLEKHF2	0.0641052	0.150041
cg08985301	TAP2;TAP2	0.0641091	0.260473
cg19774627	KCNJ10	0.0641094	0.0515998
cg17029151	CHMP4C	0.0641103	0.08751
cg00408348	BSX	0.0641111	0.149759
cg25583580	SFRS2	0.0641114	0.00391007
cg18199434	EBF3	0.0641119	0.131257
cg13803915	APITD1;APITD1;APITD1	0.0641189	0.0653069
cg02838492	KIF12;KIF12	0.0641196	0.0113962
cg20942782	ZNF12;ZNF12	0.0641202	0.0288455
cg05529039	PSME3;PSME3;AOC2;AOC2	0.0641205	0.832391
cg08816098	MIR518F	0.0641208	0.0151705
cg00840926	ZNF584	0.064122	0.112966
cg22364869	CAMTA1	0.0641264	0.373344
cg08661164	RPL5;SNORD21	0.0641284	0.0430523
cg07095387	MIS12;DERL2	0.0641317	0.266999
cg24354818	TNFRSF6B;TNFRSF6B;TNFRSF6B	0.0641318	0.107052
cg14141786	ZNF407	0.0641319	0.0279424
cg00253681	ART4	0.0641354	0.160516
cg15303052	ESYT2	0.0641354	0.0865238
cg01447281	RERE;RERE;RERE	0.0641363	0.32814
cg20955839	SULT1C2;SULT1C2	0.0641369	0.0490769
cg19268434	TNXB;TNXB	0.064138	0.873
cg26963397	TMEM188	0.0641396	0.00340076
cg20563208	RBM43	0.0641398	0.890251
cg08251160	MGC72080	0.0641401	0.879929
cg11777390	UBE2QP1	0.0641404	0.991731
cg08725892	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.0641406	0.0893352
cg08189198	NIN;NIN;NIN;NIN;NIN	0.0641411	0.0144227
cg09173924	TSEN54	0.0641427	0.366922
cg07400091	S1PR1	0.0641438	0.738898
cg04784560	DUSP10;DUSP10	0.064149	0.349465
cg00825173	IFT88;IFT88	0.0641521	?
cg15452590	PHRF1	0.0641522	0.927202
cg26350977	WARS2;WARS2	0.0641539	0.31044
cg05757448	KIAA1751	0.0641568	0.865439
cg23453466	PTPRN2;PTPRN2;PTPRN2	0.0641634	0.0174582
cg05780028	SFRS2IP	0.0641658	0.740446
cg02719245	FLJ45244;DICER1	0.0641674	0.643667
cg26312935	RNF111	0.0641677	0.142932
cg15872922	LZTS2	0.0641693	0.219119
cg21215811	VPS25	0.0641694	0.253305
cg22570250	PCYT2	0.0641697	0.917973
cg18426477	ABCC3	0.0641708	0.0112065
cg00808511	TOX3;TOX3	0.0641717	0.292976
cg01836438	TLCD2	0.064172	0.026653
cg24718903	RRAS	0.0641725	0.0697125
cg19346202	SMCR8	0.0641738	0.0526525
cg20666917	C2orf55	0.0641739	0.191649
cg00977903	ZNF691	0.0641753	0.291287
cg16397794	MKX	0.064178	0.554773
cg25938803	THADA;THADA	0.0641804	0.0136603
cg04078118	TNRC6B	0.0641811	0.321851
cg27428744	LOC283867	0.0641814	0.0476969
cg06995549	ERMAP;CCDC23	0.0641854	0.625983
cg24315209	CDK18;CDK18;CDK18	0.0641857	0.0537996
cg07683804	TRMT61B;TRMT61B	0.0641857	0.661446
cg19087038	PLXNA1	0.0641863	0.276407
cg06688848	RSPRY1;FAM192A	0.064188	0.216354
cg06680906	MIR548H4;NOX5	0.0641894	0.766382
cg26419869	C1orf14	0.0641905	0.0406963
cg26254473	IGSF22	0.0641913	0.0722398
cg10251048	AVPI1	0.0641917	0.0095457
cg09185990	ABCC9;ABCC9;ABCC9	0.064192	0.836669
cg10778517	MAD1L1;MAD1L1;MAD1L1	0.0641924	0.553136
cg16580391	HLA-DPB2	0.0641927	0.335603
cg21582831	NBEAL2	0.0641974	0.0936022
cg14630032	CP	0.064198	0.0150453
cg16662785	RBM9;RBM9	0.0642007	0.0623018

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(5 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg24796693	PEMT	0.0642009	0.344039	1.19313	1.19313	1.038335	1.37948	1.37348	0.839486	0.96397	-1.03738	0.123394	1.35303	1.35303	0.760144	1.05704	1.05704	0.67502	0.926453	-1.07939	0.0154898	0.580934	-1.55815	0.0159589	0.580934	-1.29195	0.07507	1.59842	0.462044	1
cg18136236	VAX1;VAX1	0.0642017	0.0768676	0.443093	-2.25686	0.319499	0.653372	-1.53052	0.891064	0.944885	-1.05833	0.323541	0.655841	-1.54276	0.120294	0.49799	-2.00807	0.676927	0.840839	-1.18929	0.00527422	0.218329	-4.58024	0.0795551	0.447048	-2.2369	0.0129123	0.2789	-3.58551	0.37505	8.33594	2.40963	1
cg02308706	C17orf91;C17orf91;C17orf91;C17orf91	0.0642025	0.113614	0.619646	-1.61382	0.0410378	0.519191	-1.92607	0.0130492	0.424783	-2.35415	0.489687	1.21542	1.21542	0.114584	0.620577	-1.6114	0.750881	0.915257	-1.09259	0.0146398	0.433594	-2.30631	0.972932	0.990611	-1.00948	0.885084	1.04102	1.04102	3.07504	3.76425	1.08812	1
cg13085553	POLE	0.0642026	0.908266	0.96965	-1.0313	0.19209	0.691289	-1.44657	0.0447799	0.540141	-1.85137	0.889677	1.03781	1.03781	0.494732	1.20369	1.20369	0.00684398	0.391981	-2.55114	0.003346	0.968039	-1.03302	0.297026	1.33521	1.33521	0.0393455	0.528657	-1.89158	0.57503	3.48187	1.00649	1
cg20702314	DUSP3;C17orf105	0.0642053	0.301783	0.80009	-1.24996	0.417842	0.841474	-1.18839	0.893297	0.972153	-1.02864	0.546418	0.880514	-1.1357	0.360221	0.821928	1.21665	0.0112218	0.515635	-1.93936	0.00251913	0.417068	-2.97024	0.707829	0.927602	-1.07797	0.464826	0.856342	-1.16776	0.47498	2.11666	0.613865	1
cg04433035	HNF1B;HNF1B;HNF1B;HNF1B	0.0642057	0.803411	0.953221	-1.04907	0.3702	0.837989	-1.19333	0.0543711	1.5209	1.5209	0.704672	1.07588	1.07588	0.38592	0.843052	-1.18617	0.360236	0.834712	-1.19802	0.0490294	0.649445	-1.53978	0.00935053	1.88344	1.88344	0.939647	0.985561	-1.01465	0.74598	1.79671	0.519377	1
cg15444978	MARK3;MARK3;MARK3;MARK3;MARK3	0.0642061	0.520099	1.11132	1.11132	0.650662	1.1984	1.1984	0.287261	1.19587	0.0252637	0.650076	-1.53828	0.394135	0.867577	-1.15263	0.149806	0.778828	-1.28398	0.0201064	0.635124	-1.5745	0.697151	1.06536	1.06536	0.770289	0.953706	-1.04854	0.74697	1.27631	0.368946	1
cg02721426	RRN3P2	0.0642069	0.0811341	1.62684	1.62684	0.210596	1.39374	1.39374	0.177157	1.43475	1.43475	0.165453	1.45106	1.45106	0.0570205	0.581615	-1.71935	0.480608	0.834908	-1.19774	0.00970219	0.27828	2.27828	0.780007	1.07301	1.07301	0.278178	1.32815	1.32815	3.07495	3.08439	0.891617	1
cg05470554	WNT16;WNT16	0.0642075	0.0265256	1.64942	2.62472	0.172664	2.05349	1.37548	0.0140339	1.84641	1.84641	0.0248409	2.05961	2.05961	0.282147	1.37166	1.37166	0.513928	1.45539	-1.45039	0.0189479	0.109561	-3.19394	0.0405205	0.27.7099	0.171444	0.62631	0.526243	0.68.5321	0.918167	1
cg05215575	SEPT12;SEPT12;LOC440335;LOC440335	0.0643093	0.111735	0.468867	-2.1328	0.0439963	0.363454	-2.75138	0.2503598	0.59143	-1.60082	0.0782968	0.425148	-2.35212	0.0416215	0.358018	2.79316	0.047325	0.370724	2.69743	0.00479667	0.194607	-5.13857	0.169588	0.527388	-1.89634	0.286034	0.616002	-1.62337	0.74591	3.91244	2.69302	1
cg07477947	ANKRD28	0.0643097	0.955209	1.01829	1.01829	0.0576575	0.500224	-1.9991	0.0104146	0.353127	-2.83184	0.106291	1.76681	1.76681	0.895696	1.04324	1.04324	0.286547	1.42923	1.42923	0.473125	1.2655	1.2655	0.191576	1.5623	1.5623	0.213977	0.65558	-1.52537	0.7149	5.0714	1.46603	1
cg27496299	DNAI86;DNAI86	0.0642138	0.972604	1.00808	1.00808	0.0346914	0.561542	-1.78081	0.472153	0.847245	-1.1866	0.768336	1.07168	1.07168	0.615431	0.888067	-1.12604	0.470494	0.841924	-1.18776	0.00361671	0.25169	2.5169	0.152972	0.919458	-1.0876	0.559683	0.870885	1.14826	0.74822	2.67498	0.973299	1
cg16784468	PWWP2B;PWWP2B	0.0642149	0.762631	1.04566	1.04566	0.487552	0.899654	-1.11154	0.687408	0.944155	-1.06252	0.0939404	1.10813	1.10813	0.584304	0.557268	-1.79447	0.0147476	0.537368	-1.86092	0.70305	1.08249	1.08249	0.612205	1.11159	0.75197	1.06782	1.06782	1.07479	2.08568	0.602937	1
cg18802048	CUDC1	0.0642154	0.498655	0.886293	-1.12829	0.942234	1.01282	1.01282	0.379403	1.17171	1.17171	0.0903121	1.3882	1.3882	0.00257825	0.479871	-2.08389	0.483131	1.13343	1.13343	0.45997	1.14134	1.14134	0.88235	0.974312	-1.02637	0.776844	1.05121	1.05121	3.07479	1.50393	0.434771	1
cg16974308	PAG1	0.0642156	0.454412	1.15083	1.15083	0.309586	0.743914	-1.3747	0.0618428	0.188273	1.08273	0.0833	1.08273	1.08273	0.0892844	1.13142	1.13142	0.74312	1.13133	1.13133	0.45097	1.14134	1.14134	0.88235	0.974312	-1.02637	0.776844	1.05121	1.05121	3.07479	1.50393	0.434771	1
cg15379837	TNRC18	0.0642181	0.878932	1.03885	1.03885	0.0107223	0.24521	-2.24521	0.234554	0.732303	-1.36556	0.546705	1.16475	1.16475	0.38487	1.24953	1.24953	0.649974	1.12101	1.12101	0.0191791	0.23112	2.62315	0.162505	0.45185	1.45185	0.15134	0.680836	1.16478	0.37474	3.04662	0.880182	1
cg08663159	DDIT4L	0.0642198	0.184735	0.500512	-1.99796	0.638002	0.793489	-1.26026	0.70448	1.20433	1.20433	0.397669	0.654575	-1.52771	0.0911025	0.398061	-2.51218	0.00196851	0.104575	-9.56249	0.920887	1.04963	1.04963	0.552687	1.34094	1.34094	0.920182	1.05008	1.05008	3.31275	12.2099	2.86668	1
cg04621664	c6orf48;C6orf48;C6orf48;SNORD48;C6	0.0642199	0.0277582	0.692201	-1.44467	0.785413	0.962136	-1.03935	0.0150086	1.52632	1.52632	0.361054	0.875646	-1.14201	0.11859	1.27743	1.27743	0.365864	1.14042	1.14042	0.191849	0.822502	-1.2158	0.535174	1.09288	1.09288	0.386595	1.13374	1.13374	0.74671	0.974074	0.281602	1
cg19125791	HDAC4	0.0642223	0.672266	0.708616	-1.37853	0.00188914	0.0570147	-17.5393	0.0371507	0.207285	-4.82427	0.747733	1.23353	1.23353	0.0116621	0.2.3.1	4.07	0.639902	0.915053	-1.0926	0.0575593	0.43073	-2.32211	0.963965	1.08167	-1.08167	0.842457	0.878602	-1.13817	0.59666	2.5982	0.95497	1
cg26118131	TMPRSS4;TMPRSS4	0.0642224	0.024665	0.263687	-3.79237	0.0802137	0.380916	-2.62525	0.0551352	0.339152	-2.94853	0.0525894	0.334236	-2.9919	0.0431957	0.314532	-3.17933	0.0805644	0.381434	-2.62169	0.04452	0.317479	-3.14981	0.017682	0.238138	-4.19925	0.192108	0.503268	-1.98701	0.74666	12.0428	3.48161	1
cg12243582	ZNF138;ZNF138;ZNF138;ZNF138	0.0642236	0.0206574	0.348057	-2.87309	0.0786514	0.24858	-2.14858	0.0230134	0.46181	-2.16481	0.0792864	0.208051	0.208051	0.0171548	0.456971	-2.1932	0.462922	1.32688	1.32688	0.318496	0.341541	1.34141	0.907091	1.05.4.1	1.04518	0.0464	0.977158	2.07713	0.20173	1
cg07673868	LRRFIP1;LRRFIP1	0.0642239	0.518403	-1.90257	-1.10794	0.468793	0.122232	1.12232	0.00853788	0.591328	-1.69111	0.812801	0.963541	-1.03784	0.266855	0.830881	1.20354	0.456178	1.12616	1.12616	0.0417555	0.250279	-3.99605	0.0.3.1	0.750229	0.705026	0.0.7506	0.414832	0.37463	1.19353	0.345054	1
cg01432520	ESRRG;ESRRG;ESRRG	0.0642241	0.943352	1.0313	1.0313	0.00613831	4.71449	4.71449	0.702557	1.18104	1.18104	0.716335	0.853632	-1.17147	0.0560531	0.39121	-2.55617	0.558449	1.29395	1.29395	0.395229	1.45879	1.45879	0.0332432	2.94266	2.94266	0.986655	1.00728	1.00728	0.47663	0.915825	2.64769	1
cg14221175	TAC1;TAC1;TAC1;TAC1	0.0642248	0.703772	1.04181	1.04181	0.503595	0.8.3.1	1.07.3.1	0.0.3.1	0.183823	1.84669	0.640821	1.13756	1.13756	0.0.3.1	0.443683	-2.25442	0.0.3.1	1.44834	1.44834	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg07576135	APX3;CAPN3	0.0642286	0.799914	0.880852	-1.13526	0.0335291	1.45741	1.45741	0.729319	0.840701	-1.18948	0.300665	0.585245	-1.70868	0.0126539	0.212625	-4.70312	0.0994094	0.405688	-2.46495	0.181068	0.491983	-2.03259	0.229586	1.87708	1.87708	0.348258	0.61731	-1.61993	0.74954	12.15	3.51273	1
cg27548655	PAGE5;PAGE5	0.0642311	0.0210114	0.326005	-3.06744	0.0413116	0.386655	-2.58629	0.174466	0.558114	-1.79175	0.219399	0.593674	-1.68443	0.012259	0.283766	-3.52403	0.979609	1.01037	1.01037	0.693048	1.17371	1.17371	0.0724042	0.445122	-2.24657	0.0611605	0.426632	-2.34394	0.74949	7.93696	2.29471	1
cg04415896	CCDC9	0.0642325	0.539133	1.24777	1.24772	0.0564422	2.1571	2.1571	0.0111905	1.10036	1.10036	0.261226	1.51748	1.51748	0.223983	0.634548	-1.57592	0.14736	0.57449	-1.73986	0.0155341	0.19816	5.04541	0.0.3.1	1.29014	1.29014	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg19920606	YWSI	0.0642347	0.0672575	1.04824	1.04824	0.0.3.1	1.57103	1.57103	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg00876541	MIR1181;CDC37	0.0642347	0.0129655	0.236255	-4.23271	0.774221	0.874091	-1.14404	0.137441	2.11383	2.11383	0.916652	1.0502	1.0502	7	7	7	0.0602964	0.371084	-2.69481	0.414749	1.47707	1.47707	0.104339	0.43573	-2.295	0.263866	1.71498	1.71498	3.11605	5.60333	0.38189	1
cg04823621	ELAVL3;ELAVL3	0.0642362	0.756449	1.07757	1.07757	0.110824	0.965614	-1.46948	0.338167	0.804336	-1.24426	0.288275	0.76928	0.76928	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg27352066	BRD2;BRD2	0.0642363	0.797961	1.03861	1.03862	0.299509	0.853151	-1.17213	0.464654	0.735986	-1.35872	0.883676	0.978607	-1.02186	0.0899842	0.758789	-1.31789	0.0221871	0.666978	-1.4993	0.334622	0.863312	-1.15833	0.606822	1.07927	1.07927	0.0241969	1.48727	1.48727	0.74939	0.626033	0.307148	1
cg06507244	DHX32;DHX32	0.0642365	0.149762	0.440509	-2.2701	0.01045	0.180635	-5.53603	0.103881	0.388044	-2.5704	0.499492	1.43895	1.43895	0.18447	0.473641	-2.11131	0.563367	0.73314	-1.36362	0.100497	0.388747	-2.59911	0.0560661	1.15442	1.15442	0.817877	0.884747	-1.13027	0.74939	13.723	3.96769	1
cg04332418	C6orf114;C6orf114;GFOD1	0.0642366	7	7	7	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.459165	1.4627	1.4627	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg07489624	TRIM39;HCG18;HCG18;TRIM39	0.0642381	0.253148	1.12731	1.12731	0.0176844	0.13604	0.13604	0.169663	1.15822	1.15822	0.866799	1.017	1.017	0.51522	0.886667	-1.12782	0.641551	1.0482	1.0482	0.0119123	0.729698	-1.37043	0.796364	0.973474	-1.02725	0.756629	1.03184	1.03184	0.74636	0.490801	0.141931	1
cg16454130	CLDN4;CLDN4	0.0642388	0.0885883	1.21958	1.21958	0.0.3.1	0.154835	1.79292	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.109663	1.41841	1.41841	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg14314458	DGKQ	0.0642394	0.259293	0.811447	-1.23237	0.0376985	1.53412	1.53412	0.319146	1.20055	1.20055	0.49869	1.12968	1.12968	0.132343	0.749512	-1.3342	0.0373062	0.651089	-1.53589	0.0337014	1.55842	1.55842	0.871583	1.02914	1.02914	0.730319	1.06336	1.06336	0.74734	1.53472	0.443738	1
cg08460183	ARMC94	0.0642399	0.0299557	0.279194	-3.57406	0.0237445	0.228959	-4.3676	0.457853	0.667304	-1.49857	0.0477285	1.35893	1.35893	0.0474752	1.54283	1.54283	0.0410664	0.290139	-3.44643	0.0662467	0.977544	-1.02297	0.956125	0.870727	-1.14847	0.884962	1.01021	1.01021	0.74353	0.31461	0.402227	1
cg01059239	TGM2;TGM2	0.0642404	0.0634835	0.354797	-2.81387	0.928236	1.04691	1.04691	0.0953168	1.58653	1.58653	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg03245487	ING5	0.0642411	0.255757	1.35869	1.35869	0.0472408	0.556237	-1.7978	0.865055	1.04493	1.04493	0.492681	1.19724	1.19724	0.9613	1.01262	1.01262	0.898722	1.03345	1.03345	0.292818	1.32573	1.32573	0.387433	1.25719	1.25719	0.00434955	0.373656	-2.67626	0.7043	3.25011	0.93972	1
cg09427745	KIAA0174	0.0642413	0.703772	1.04181	1.04181	0.503595	0.8.3.1	1.07.3.1	0.0.3.1	0.183823	1.84669	0.640821	1.13756	1.13756	0.0.3.1	0.443683	-2.25442	0.0.3.1	1.44834	1.44834	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg06946608	C1orf94	0.0642428	0.174954	0.484469	-2.06411	0.00628546	0.167269	-5.97838	0.0142492	0.219016	-4.56589	0.72111	0.481851	-2.07533	0.0654555	0.353925	-2.82546	0.0674293	0.357229	-2.79932	0.331758	0.604703	-1.6537	0.0891508	0.389966	-2.56432	0.724617	0.837209	-1.19445	0.74727	12.2864	3.55248	1
cg03449266	CCDC46;CCDC46	0.0642436	0.178127	0.375453	-2.66351	-1.36343	0.279376	0.783725	-1.27595	0.0220499	0.563714	-1.76313	0.414207	0.854372	-1.16822	0.0670935	0.705539	0.919691	-1.08737	0.626357	0.0905315	1.11224	1.11224	0.0904296	2.03021	2.03021	0.0.3.1	1.19309	1.19309	0.2139107	0.762665	-1.41119	0.74239	2.08539	0.642809	1
cg27163061	RPS6KA4;MIR1237;RPS6KA4	0.0642457	0.218776	0.515163	1.51563	0.00971824	0.94229	0.94229	0.0267267	0.73533	0.73533	0.266321	0.98598	0.98598	0.215396	0.85117	-1.1748	0.335226	1.82942	1.82942	0.0157723	0.44773	0.44773	0.0811061	1.14444	1.14444	0.0780184	1.18998	1.18998	0.07422	17.0864	4.94042	1
cg04851044	TTPI3	0.0642464	0.305507	0.597056	-1.67488	0.0301229	0.354229	1.45429	0.131362	2.20724	2.20724	0.731278	0.845718	-1.18241	0.0199822	0.215701	-4.63958	0.558847	0.750255	-1.33288	0.363799	1.57404	1.57404	0.325497	0.610493	-1.63802	0.302373	0.594915	-1.68091	0.7424	11.5038	3.32626	1
cg07108456	SGTA	0.0642474	0.38839	1.15289	1.15289	0.0.3.1	1.73092	1.73092	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg08570472	FAM59B	0.0642476	0.928088	0.971952	-1.02886	0.348539	0.737737	-1.3555	0.0322038	0.455566	-2.20475	0.168396	0.629649	-1.58819	0.408258	1.3055	1.3055	0.146713	1.63379	1.63379	0.0317436	2.19756	2.19756	0.459274	1.26805	1.26805	0.0682897	0.525533	-1.90283	0.74618	4.83617	1.39836	1
cg25632672	GTF9P1	0.0642478	0.33882	1.27397	1.27397	0.0151402	0.0909267	-14.3007	0.0122286	0.088495	-11.5514	7	7	7	0.578173	1.59145	1.59145	0.145667	0.290139	-3.44643	0.0662467	0.977544	-1.02297	0.956125	0.870727	-1.14847	0.884962	1.01021	1.01021	0.74353	0.31461	0.402227	1
cg19633205	ZMYM1	0.0642485	0.165911	0.549036	-1.82138	0.478204	0.746319	-1.33991	0.320591	0.65937	-1.5166	0.218754	1.69032	1.69032	0.0310716	0.269793	3.70655	0.515182	0.858282	-1.16512	0.31257	1.27367	1.27367	0.699271	1.09406	1.09406	0.337147	1.75719	1.75719	0.00434955	0.373656	-2.67626	0.7043	3.25011	0.93972	1
cg07223937	SLC2A12	0.0642491	0.273038	1.30236	1.30236	0.0362549	1.75742	1.75742	0.00577004	2.31104	2.31104	0.325705	0.790569	-1.26491	0.379315	0.811505	-1.23228	0.203767	1.49776	1.49776	0.121574	0.609218	-1.64179	0.0155117	0.524513	0.524513	0.0.3.1	1.24653	1.24653	0.426049	1.27735	1.27735	0.41485	0.005	0.2769	1
cg02001453	SYNGAP1	0.0642493	0.865631	1.05235	1.05235	0.171321	1.11801	1.11801	0.122286	1.45291	1.45291	0.0550411	1.95736	1.95736	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg17441062	GRM5;GRM5	0.0642517	0.0460763	3.26854	3.26854	0.0153289	0.8725	0.8725	0.523602	1.39781	1.39781	0.63769	1.27861	1.27861	0.0406365	3.40339	3.40339	0.0631986	2.95245	2.95245	0.0650544	2.92503	2.92503	0.0150198	4.70621	4.70621	0.2998808	1.74497	1.74497	0.7341	13.0704	3.77936	1
cg19646886	MARCH2;MARCH2;MARCH2	0.0642521	0.021387	0.299437	-3.33917	0.779311	0.152749	-6.55647	0.489114	0.940802	0.434613	-2.3209	0.832736	0.832736	0.0265647	-1.07916	0.0494326	0.263191	-3.82569	0.270676	0.661584	1.51152	0.193657	0.272376	-2.16096	0.24218	0.643434	-1.55416	0.523217	0.790059	-1.26533	0.73752	0.82824	1
cg26501360	EYA4;EYA4;EYA4	0.0642532	0.0654919	2.76985	2.76985	0.0106289	4.87	4.87	0.186896	1.9926	1.9926	0.279008	1.74138	1.74138	0.964048	1.02246	1.02246	0.0775513	2.62666	2.62666	0.134761	2.21359	2.21359	0.0085759	5.21923	5.21923	0.109438	2.36338	2.36338	0.37407	11.8239	3.41896	1
cg19249339	ZNF643	0.0642533	0.790624	1.10543	1.10543	0.0145449	3.10733	3.10733	0.250469	0.636141	-1.57198	7	7	7	7	7	7	0.240067	0.629175	-1.58938	0.0274707	0.400729	-2.47091	0.386402	1.39717	1.39717	0.738861	1.1343	1.1343	1.1675	5.536	1.99743	1
cg26451835	NUS1	0.0642546	0.164916	0.34643	2.88653	0.712664	0.951321	1.05117	0.0133097	1.51423	1.51423	0.0907058	0.999503	1.0005	0.0027482	0.997072	-1.00294	0.166566	0.789758	2.26617	0.134318	2.17602	2.17602	0.0605189	1.23821	1.23821	0.123822	1.07224	1.07224	0.78907	1.37803	0.359745	1
cg12290983	PPM1K	0.0642584	0.011366	0.57231	-1.7473	0.724213	0.939517	-1.06438	0.0333054	1.54976	1.54976	0.625479	1.0905	1.0905	0.705545	1.06914	1.06914	0.214157	0.79427	-1.25902	0.132477	0.751335	-1.33096	0.985416	0.996786	-1.00322	0.0819534	0.712169	-1.40416	0.73998	1.50999	0.436638	1
cg08379096	PTCH1	0.0642592	0.0078964	0.512316	-1.95294	0.0.3.1	0.605658	-1.65111	0.753687	0.847102	-1.18037	0.0824247	1.29306	1.29306	0.212383	0.464273	-2.15462	0.0355269	0.287217	-3.4819	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	0.0.3.1	1
cg01070148	BCL3	0.0642617	0.0754294	2.28384	-3.726	0.326982	0.678975	-1.47281	0.207728	0.601541	-1.66239	0.0348514	0.317744	-3.14719	0.377507	0.707189	1.41405	0.0554641	0.435795	-2.29466	0.925034	0.964632	-1.03666	0.350679	1.44415	1.44415	0.208325	0.601987	1.66116	0.73992	7.1267	2.06084	1
cg14806867	DNAJC1	0.0642628	0.27554	1.21972	1.21972	0.349695	0.84488	-1.1836	0.065601	0.696417	-1.44592

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22291189	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0643352	0.31564	0.584575	-1.71064	0.0105964	5.2766	5.2766	0.0534868	3.11076	3.11076	0.968687	0.979893	-1.02052	0.0357279	0.282357	-3.54161	0.764317	1.16834	1.16834	0.703278	1.21899	1.21899	0.489518	1.43801	1.43801	0.390309	0.634137	-1.57695	3.07252	13.0293	3.76942	1
cg20950754	SCAP	0.0643352	0.383213	1.29729	1.29729	0.0363647	2.03023	2.03023	0.210085	1.46881	1.46881	0.870851	0.953744	-1.0485	0.47206	0.808225	-1.23728	0.150651	0.638663	-1.56577	0.016942	0.428369	-2.33444	0.239139	0.698497	-1.43164	0.129181	0.620495	-1.61162	3.07252	4.12283	1.19274	1
cg04223160	HOMEZ	0.0643362	0.0946295	0.802686	-1.24582	0.434845	0.909076	-1.10002	0.342592	1.1241	1.1241	0.262981	1.14984	1.14984	0.792366	1.03207	1.03207	0.0310154	0.738654	-1.35381	0.010716	0.681342	-1.46769	0.492721	1.08692	1.08692	0.150425	0.831594	-1.20251	3.0725	0.696508	0.201503	1
cg05332077	HSBP1L1	0.0643362	0.574548	0.669889	-1.49278	0.10174	3.54456	3.54456	0.0616016	4.42468	4.42468	0.0263962	6.42197	6.42197	0.87076	1.12189	1.12189	0.571894	1.49703	1.49703	0.195307	2.63139	2.63139	0.00469206	14.2192	14.2192	0.213579	2.52217	2.52217	3.0725	24.2797	7.02422	1
cg13050240	RIPK3;RIPK3	0.0643371	0.046444	4.26427	4.26427	0.13194	2.81198	2.81198	0.766779	0.827689	-1.20818	0.261028	2.10716	2.10716	0.0504471	4.12733	4.12733	0.115721	2.96591	2.96591	0.00674996	9.32769	9.32769	0.878969	0.907656	-1.10174	0.0445859	4.33357	4.33357	3.07249	19.6735	5.69166	1
cg09615101	SIX3	0.0643378	0.761814	0.877352	-1.13979	0.103525	0.464704	-2.15191	0.248155	0.594733	-1.68143	0.716314	1.17009	1.17009	0.0213264	3.29007	3.29007	0.301575	0.63085	-1.58516	0.182415	0.543846	-1.83875	0.0272467	3.07924	3.07924	0.345405	1.51934	1.51934	3.07247	9.01522	2.60817	1
cg25055744	TBCD;ZNF750	0.0643396	0.032819	0.287214	-3.48172	0.0960616	0.401234	-2.49231	0.0211502	0.250306	-3.99512	0.0601664	0.346693	-2.88439	0.0435765	0.313667	-3.1881	0.107633	0.415899	-2.40443	0.0207444	0.248781	-4.01959	0.108977	0.417536	-2.395	0.0622971	0.350462	-2.85337	3.07244	12.1484	3.51466	1
cg12477165	MTF1	0.0643399	0.25724	1.29316	1.29316	0.0721767	0.646394	-1.54704	0.415368	0.834419	-1.19844	0.575395	1.13094	1.13094	0.00672157	0.465697	-2.14732	0.111274	0.685782	-1.45819	0.67209	1.097	1.097	0.180303	1.36256	1.36256	0.616117	1.11618	1.11618	3.07243	2.30061	0.665591	1
cg23773946	TNFRSF6B;TNFRSF6B	0.0643401	0.245305	0.454135	-2.20199	0.0579694	4.02335	4.02335	0.0361533	4.86775	4.86775	0.13495	2.84841	2.84841	0.834837	0.873178	-1.14524	0.043632	4.51192	4.51192	0.130376	2.88969	2.88969	0.0162295	6.75048	6.75048	0.627959	1.37327	1.37327	3.07243	20.5304	5.93967	1
cg14641266	INPP5A	0.0643411	0.170232	0.822584	-1.21568	0.166283	1.21819	1.21819	0.980648	0.996762	-1.00325	0.0525351	1.34278	1.34278	0.0595315	0.752497	-1.32891	0.0695642	1.3118	1.3118	0.123492	1.24992	1.24992	0.150741	0.813899	-1.22865	0.335896	1.14188	1.14188	3.07241	0.869962	0.251691	1
cg10189605	GUSBL2	0.0643422	0.483757	0.843225	-1.18592	0.19646	1.38715	1.38715	0.0524031	1.69648	1.69648	0.251931	0.750683	-1.33212	0.0274184	0.535184	-1.86852	0.0292846	0.540489	-1.85018	0.512927	1.17233	1.17233	0.403533	0.814796	-1.2273	0.244446	0.746946	-1.33878	3.07239	2.79366	0.808248	1
cg22979783	CYP26B1	0.0643422	0.132467	4.43443	4.43443	0.012937	16.9524	16.9524	0.224721	3.22178	3.22178	0.447442	2.03468	2.03468	0.847247	0.83784	-1.19355	0.0608448	6.94917	6.94917	0.00971951	20.099	20.099	0.0391809	8.93017	8.93017	0.218439	3.27916	3.27916	3.07239	40.9553	11.849	1
cg06244906	ZIM2;ZIM2;ZIM2	0.0643422	0.751379	1.10679	1.10679	0.753621	1.10573	1.10573	0.351387	1.3582	1.3582	0.873435	1.05221	1.05221	0.784666	0.916281	-1.09137	0.0466877	2.06898	2.06898	0.00259915	3.78812	3.78812	0.037904	2.15629	2.15629	0.708319	1.12746	1.12746	3.07239	4.95844	1.43455	1
cg00788362	FLOT1	0.0643428	0.0123259	0.274718	-3.6401	0.785435	0.89303	-1.11978	0.481808	1.34502	1.34502	0.950407	1.02612	1.02612	0.249219	1.64756	1.64756	0.109892	2.05955	2.05955	0.101918	0.47604	-2.10066	0.0660855	2.35081	2.35081	0.272615	1.60543	1.60543	3.07238	8.36371	2.41976	1
cg24365142	ACLY;ACLY	0.064343	0.780362	0.938342	-1.06571	0.222595	0.746921	-1.33883	0.593827	1.13037	1.13037	0.370883	1.23267	1.23267	0.258634	1.30778	1.30778	0.002013	0.370812	-2.69679	0.602698	1.127	1.127	0.705382	1.09032	1.09032	0.912956	1.02521	1.02521	3.07238	2.52205	0.729671	1
cg26112353	BMP2K;BMP2K	0.0643437	0.0217522	0.610226	-1.63874	0.0375504	1.54141	1.54141	0.128798	1.34227	1.34227	0.773773	0.94963	-1.05304	0.0324029	0.638164	-1.567	0.690333	0.930705	-1.07445	0.99719	1.00063	1.00063	0.65764	1.08327	1.08327	0.452809	1.147	1.147	3.07236	1.56477	0.452715	1
cg08614301	PBX4	0.064344	0.396656	0.909314	-1.09973	0.109868	1.21032	1.21032	0.0828509	1.23411	1.23411	0.141148	0.840855	-1.18927	0.403059	0.910536	-1.09825	0.301936	0.889467	-1.12427	0.00667953	0.680172	-1.47022	0.495176	0.926946	-1.07881	0.56281	0.937931	-1.06618	3.07236	0.583715	0.168879	1
cg27590143	COBL	0.0643446	0.501809	1.22733	1.22733	0.0739551	1.81931	1.81931	0.0677089	1.84964	1.84964	0.00744027	0.354948	-2.81732	0.528699	1.21142	1.21142	0.773742	0.917029	-1.09048	0.196053	1.50806	1.50806	0.429203	1.27444	1.27444	0.292054	1.38888	1.38888	3.07235	4.39375	1.2712	1
cg06573573	BEST1;BEST1	0.0643462	0.790055	1.06894	1.06894	0.773836	1.07463	1.07463	0.363726	1.26262	1.26262	0.0609947	1.69474	1.69474	0.00375123	2.65787	2.65787	0.445687	0.823484	-1.21435	0.168857	1.4423	1.4423	0.149929	0.680031	-1.47052	0.880806	1.0382	1.0382	3.07232	3.03691	0.878646	1
cg18607411	SPRY2	0.0643479	0.189613	2.07951	2.07951	0.101337	2.57357	2.57357	0.572434	1.35061	1.35061	0.230085	0.515046	-1.94157	0.396165	1.58069	1.58069	0.112905	0.402837	-2.48239	0.00811106	0.167603	-5.96646	0.7219	1.20722	1.20722	0.337621	1.68353	1.68353	3.07228	13.5103	3.90888	1
cg20126980	TSGA14	0.0643484	0.0483196	0.659352	-1.51664	0.513637	1.13007	1.13007	0.185487	1.29586	1.29586	0.0170886	0.584716	-1.71023	0.793767	1.04955	1.04955	0.0642141	1.46797	1.46797	0.112013	0.726552	-1.37636	0.623616	1.0956	1.0956	0.960218	1.00925	1.00925	3.07227	1.65801	0.479706	1
cg06305609	FAM129C;FAM129C;FAM129C;FAM129C	0.0643494	0.0168551	0.179353	-5.57558	0.106863	0.354357	-2.82202	0.221681	0.469075	-2.13186	0.413224	0.610799	-1.6372	0.0660267	0.296603	-3.37151	0.40754	0.606964	-1.64754	0.006412	0.123695	-8.08441	0.534608	0.690299	-1.44865	0.0303929	0.223207	-4.48015	3.07225	16.8995	4.88948	1
cg05564251	SP140;SP140	0.0643498	0.164758	0.73417	-1.36208	0.311168	1.24417	1.24417	0.0253933	1.7402	1.7402	0.559853	1.13081	1.13081	0.604298	0.896727	-1.11517	0.435044	1.18064	1.18064	0.0110969	1.94244	1.94244	0.0428859	1.6256	1.6256	0.798409	0.948036	-1.05481	3.07225	2.11523	0.611997	1
cg22374485	KCNJ8	0.0643519	0.327608	1.12112	1.12112	0.0719706	1.25513	1.25513	0.00619017	1.49763	1.49763	0.865939	0.981066	-1.0193	0.386704	1.1056	1.1056	0.3558	0.898114	-1.11344	0.0485003	1.29046	1.29046	0.0402605	1.30746	1.30746	0.262686	1.14124	1.14124	3.07221	0.622775	0.180189	1
cg22351880	MLLT1	0.064353	0.664088	0.944866	-1.05835	0.113405	0.799643	-1.25056	0.0560988	0.755167	-1.32421	0.297712	0.86926	-1.1504	0.0660332	0.76517	-1.3069	0.788802	1.03546	1.03546	0.0130311	1.49156	1.49156	0.251245	0.855915	-1.16834	0.242622	0.853242	-1.172	3.07219	0.819663	0.237157	1
cg18678812	ZFP62	0.0643533	0.715866	0.924847	-1.08126	0.0498335	1.61305	1.61305	0.424536	1.19042	1.19042	0.0110212	0.505844	-1.97689	0.551167	1.13755	1.13755	0.203247	0.750481	-1.33248	0.630591	0.901625	-1.10911	0.0917259	1.4871	1.4871	0.219456	1.31783	1.31783	3.07218	2.22249	0.643044	1
cg23156439	NPFFR1	0.0643551	0.239366	0.659908	-1.51536	0.149206	0.593466	-1.68502	0.199723	0.633158	-1.57938	0.267951	0.677542	-1.47592	0.00460595	0.280244	-3.56832	0.209294	0.639904	-1.56273	0.120485	1.76499	1.76499	0.12992	0.575866	-1.73652	0.120126	0.566211	-1.76613	3.07215	5.53736	1.60217	1
cg06436997	PPIA	0.0643552	0.596556	0.924365	-1.08182	0.0872552	1.32043	1.32043	0.874019	1.02363	1.02363	0.455381	0.894108	-1.11843	0.0640992	1.35841	1.35841	0.730945	0.950453	-1.05213	0.00611759	0.59054	-1.69337	0.32915	1.15982	1.15982	0.411014	0.883593	-1.13174	3.07215	1.05449	0.305105	1
cg27334224	BUD31	0.0643569	0.00967159	0.584753	-1.71012	0.152681	1.28535	1.28535	0.915351	0.982726	-1.01758	0.747006	0.948337	-1.05448	0.700642	0.938652	-1.06536	0.0469019	0.688798	-1.45181	0.0488561	0.691665	-1.44579	0.695174	0.9375	-1.06667	0.0524348	0.696658	-1.43542	3.07211	1.30684	0.378123	1
cg18817459	SOBP	0.0643595	0.0110842	0.213397	-4.68609	0.0462276	0.330387	-3.02676	0.130144	0.452582	-2.20955	0.549507	0.745525	-1.34134	0.0258971	0.277327	-3.60585	0.585357	1.30625	1.30625	0.0567536	0.351441	-2.84543	0.604678	1.28821	1.28821	0.197269	0.516339	-1.93671	3.07206	11.442	3.31068	1
cg04568710	ALG10B	0.0643612	0.406223	1.57869	1.57869	0.106117	2.58144	2.58144	0.470481	1.48368	1.48368	0.00560791	0.14168	-7.05814	0.954813	0.970009	-1.03092	0.283363	0.549387	-1.82021	0.0467017	0.294107	-3.40012	0.806554	1.14092	1.14092	0.844683	0.899966	-1.11115	3.07203	14.0494	4.06517	1
cg21420531	SLC5A6;C2orf28;SLC5A6;C2orf28;C2orf28	0.0643655	0.183666	0.751308	-1.33101	0.0267837	1.70209	1.70209	0.0111686	1.90536	1.90536	0.145325	0.728335	-1.37299	0.46007	1.1647	1.1647	0.844748	1.04054	1.04054	0.346066	0.821433	-1.21739	0.474893	0.863033	-1.1587	0.630638	1.10319	1.10319	3.07195	1.99928	0.578504	1
cg03037437	B3GNT7	0.0643663	0.630506	1.23314	1.23314	0.667646	1.20536	1.20536	0.702975	0.847342	-1.18016	0.0757826	2.35031	2.35031	0.0103092	0.247189	-4.04548	0.974731	0.986398	-1.01379	0.0727972	2.37594	2.37594	0.0962858	0.454014	-2.20258	0.305776	1.5817	1.5817	3.07193	9.09599	2.632	1
cg06737942	ESYT2	0.0643663	0.408057	0.808859	-1.23631	0.203462	0.714268	-1.40003	0.0402335	0.552051	-1.81143	0.417188	0.812334	-1.23102	0.725966	0.915568	-1.09222	0.111399	0.647471	-1.54447	0.0645733	1.68276	1.68276	0.0221561	1.98884	1.98884	0.827712	0.946828	-1.05616	3.07193	3.0573	0.884654	1
cg26447919	C20orf72;SNX5;SNX5	0.0643667	0.0115266	0.65118	-1.53567	0.69574	0.948042	-1.05481	0.955836	0.99251	-1.00755	0.464291	0.903827	-1.10641	0.872474	1.02205	1.02205	0.110538	1.26628	1.26628	0.0135572	0.660503	-1.514	0.434758	1.11426	1.11426	0.220299	0.839491	-1.1912	3.07193	0.896706	0.25947	1
cg08931102	TMEM208;TMEM208;LRRC29;LRRC29	0.0643669	?	?	?	?	?	?	0.145494	2.0381	2.0381	0.158005	1.96507	1.96507	?	?	?	0.0300704	5.61181	5.61181	?	?	?	0.0647299	3.13847	3.13847	0.0695161	0.33308	-3.00228	14.8313	10.8431	0.292438	1
cg01356829	IL12RB2	0.0643692	0.25759	0.592702	-1.68719	0.175569	1.89211	1.89211	0.0964919	0.445779	-2.24326	0.595518	0.788828	-1.2677	0.441488	0.706461	-1.41551	0.00494758	0.192476	-5.19544	0.170937	0.524409	-1.90691	0.0366676	0.341351	-2.92954	0.265737	0.598422	-1.67106	3.07188	9.53647	2.7595	1
cg10665321	SLC25A42	0.0643695	0.0345363	0.167783	-5.96007	0.500774	1.64031	1.64031	0.812803	1.18744	1.18744	0.304531	0.463	-2.15983	0.00653016	0.0773633	-12.926	0.669849	1.36422	1.36422	0.0262271	0.148151	-6.74988	0.268156	0.433761	-2.30542	0.593279	0.676786	-1.47757	3.07188	25.5141	7.38285	1
cg22866430	SNORA59A;VPS13D;SNORA59B;VPS13D	0.0643707	0.217372	0.681728	-1.46686	0.643213	0.871355	-1.14764	0.786216	0.922879	-1.08357	0.939431	1.02269	1.02269	0.0041088	0.32096	-3.11565	0.22352	1.45869	1.45869	0.0543068	1.90536	1.90536	0.671974	1.13398	1.13398	0.566647	0.842834	-1.18647	3.07185	4.23996	1.2269	1
cg23989552	TNFRSF21	0.0643711	0.838859	0.939972	-1.06386	0.52161	0.82079	-1.21834	0.399656	1.2997	1.2997	0.00492217	0.322191	-3.10375	0.264312	1.42438	1.42438	0.235009	0.684939	-1.45998	0.0376178	0.480339	-2.08186	0.919863	0.969868	-1.03107	0.311152	1.37518	1.37518	3.07184	4.49702	1.30129	1
cg16390139	C6orf150	0.0643722	0.0383467	0.283843	-3.52307	0.146682	0.44157	-2.26465	0.623867	0.771551	-1.29609	0.274954	0.550994	-1.8149	0.611973	0.764578	-1.30791	0.0056738	0.148949	-6.71369	0.0741416	2.84128	2.84128	0.573975	0.742237	-1.34728	0.616511	0.767239	-1.30337	3.07182	13.3965	3.87652	1
cg18243760	PRRT1	0.0643732	0.0368492	5.38884	5.38884	0.0564459	4.48309	4.48309	0.255028	2.28307	2.28307	0.788782	1.20505	1.20505	0.462672	1.68093	1.68093	0.0406299	5.16626	5.16626	0.0115303	8.97846	8.97846	0.0207277	6.92057	6.92057	0.0931186	3.60828	3.60828	3.07181	23.4769	6.79352	1
cg00729133	ZNF804B;MGC26647	0.0643736	0.036237	0.256374	-3.90055	0.0251656	0.22574	-4.42987	0.109037	0.376494	-2.65608	0.156279	0.428393	-2.33431	0.0278754	0.233968	-4.27408	0.0841992	0.343736	-2.90921	0.0124121	0.175621	-5.69408	0.119759	0.389255	-2.56901	0.114552	0.383145	-2.60998	3.0718	15.2003	4.39852	1
cg21966754	TARM1	0.0643741	0.0143863	0.0791043	-12.6415	0.926403	0.925249	-1.08079	0.100858	0.220673	-4.53159	0.0691757	0.180906	-5.52773	0.142992	0.26613	-3.75757	0.644288	0.676403	-1.47841	0.00759359	0.0557337	-17.9425	0.496187	1.78787	1.78787	0.410145	0.492484	-2.03052	3.07179	34.402	9.95496	1
cg00543972	DIXDC1;DIXDC1	0.0643769	0.0161813	0.558477	-1.79059	0.040023	0.625026	-1.59993	0.132665	0.725213	-1.37891	0.418978	0.849143	-1.17766	0.0252155	0.590354	-1.6939	0.904537	1.02404	1.02404	0.0341078	0.612833	-1.63177	0.388134	0.839329	-1.19143	0.37776	1.19627	1.19627	3.07174	1.90767	0.552035	1
cg14119071	FBXO22;FBXO22	0.0643771	0.29833	0.852982	-1.17236	0.375709	1.14351	1.14351	0.829928	1.03224	1.03224	0.209649	1.21535	1.21535	0.523084	1.10017	1.10017	0.475428	1.11299	1.11299	0.00210883	0.52848	-1.89222	0.707733	0.945962	-1.05712	0.757811	0.955402	-1.04668	3.07173	1.05851	0.306308	1
cg00220955	PLA2G15	0.0643775	0.0473266	1.53512	1.53512	0.0423931	1.55508	1.55508	0.622543	0.910541	-1.09825	0.321716	1.21333	1.21333	0.13798	0.739566	-1.35214	0.347716	0.833083	-1.20036	0.134449	1.35641	1.35641	0.18181	1.30696	1.30696	0.0245312	1.6586	1.6586	3.07172	1.73566	0.502262	1
cg02738298	GRM2;GRM2	0.0643779	0.0419436	0.368392	-2.7145	0.212336	1.74998	1.74998	0.861021	0.928067	-1.07751	0.0910912	0.452565	-2.20963	0.108862	0.474775	-2.10626	0.112845	0.479409	-2.0859	0.00833004	0.237755	-4.20601	0.199352	0.56121	-1.78186	0.131169	0.499433	-2.00227	3.07172	8.82854	2.55479	1
cg00072711	C9orf24;C9orf24;C9orf24	0.0643825	0.0340096	28.5496	28.5496	0.146775	8.24244	8.24244	0.0703862	15.4755	15.4755	0.116831	10.0506	10.0506	0.0666466	16.2051	16.2051	0.0603471	17.6193	17.6193	0.0145782	58.8372	58.8372	0.0236378	38.8518	38.8518	0.0617091	17.2912	17.2912	3.07163	89.244	25.826	1
cg12192818	FBLN1;FBLN1;FBLN1;FBLN1	0.064384	0.275939	0.874995	-1.14286	0.986459	0.998002	-1.002	0.814445	0.972679	-1.02809	0.16717	1.18947	1.18947	0.795085	0.969798	-1.03114	0.0123365	1.44359	1.44359	0.557542	0.932497	-1.07239	0.0222113	1.38125	1.38125	0.118959	0.819226	-1.22066	3.0716	0.675384	0.195449	1
cg01465641	ITSN1;ITSN1	0.0643849	0.20775	0.91913	-1.08799	0.750578	0.979958	-1.02045	0.141624	1.10554	1.10554	0.00762776	1.24331	1.24331	0.189919	1.09214	1.09214	0.186027	0.914836	-1.09309	0.396658	0.946389	-1.05665	0.283647	1.07328	1.07328	0.221646	0.921685	-1.08497	3.07158	0.196057	0.0567372	1
cg17999505	TRPS1	0.0643853	0.369207	0.762025	-1.31229	0.0482009	0.514087	-1.9452	0.0344773	0.483486	-2.06831	0.303639	0.730538	-1.36885	0.0207331	0.440164	-2.27188	0.851919	1.05661	1.05661	0.439167	1.26177	1.26177	0.395136	1.29259	1.29259	0.0266072	0.460979	-2.1693	3.07158	4.2247	1.22259	1
cg16025611	MAN2B2	0.0643857	0.537723	0.714454	-1.39967	0.45712	0.664944	-1.50389	0.222378	0.501075	-1.99571	0.209815	0.49057	-2.03844	0.00197114	0.0947623	-10.5527	0.923377	1.05321	1.05321	0.52258	1.41791	1.41791	0.266176	1.86694	1.86694	0.265595	0.535195	-1.86848	3.07157	14.125	4.08766	1
cg21114800	CNKSR2;CNKSR2;CNKSR2;CNKSR2	0.0643874	0.0404026	0.497178	-2.01135	0.0664743	1.83582	1.83582	0.0250727	0.455363	-2.19605	0.737421	1.10442	1.10442	0.0678766	0.546811	-1.82879	0.0940869	0.580802	-1.72176	0.831399	0.939005	-1.06496	0.613205	1.16237	1.16237	0.614658	1.16165	1.16165	3.07154	4.23849	1.2266	1
cg03532926	DPP6	0.0643889	0.991105	0.997141	-1.00287	0.226009	1.38608	1.38608	0.835566	0.948025	-1.05482	0.864785	1.04474	1.04474	0.206026	1.40854	1.40854	0.0348643	1.88042	1.88042	0.0296699	0.518235	-1.92963	0.923813	0.975735	-1.02487	0.0152434	2.14951	2.14951	3.07151	3.20798	0.928382	1
cg00753714	NKD1	0.0643891	0.6105	0.90991	-1.09901	0.0747292	0.694317	-1.44026	0.0300975	1.59806	1.59806	0.121521	0.734539	-1.3614	0.0833636	1.42228	1.42228	0.267656	0.808789	-1.23642	0.0697012	1.45181	1.45181	0.540281	1.12069	1.12069	0.527674	0.889051	-1.1248	3.07151	1.64309	0.475506	1
cg19050596	STAT1;STAT1	0.0643913	0.33174	0.885666	-1.12909	0.539682	1.07819	1.07819	0.567378	0.93231	-1.07261	0.870903	1.01992	1.01992	0.519206	0.923831	-1.08245	0.534059	0.926486	-1.07935	0.031678	1.35717	1.35717	0.287614	1.14324	1.14324	0.00408176	1.59568	1.59568	3.07146	0.715117	0.206957	1
cg13719188	ERO1LB	0.0643938	0.781995	1.03515	1.03515	0.0102651	1.49612	1.49612	0.122083	0.811652	-1.23206	0.61217	0.938316	-1.06574	0.0319231	1.36763	1.36763	0.240878	0.858216	-1.16521	0.241446	0.858389	-1.16497	0.854565	1.02311	1.02311	0.407238	1.11135	1.11135	3.07142	0.754402	0.218329	1
cg17029062	TRIM71	0.0643939	0.321634	1.11812	1.11812	0.0406082	1.29407	1.29407	0.886863	0.984597	-1.01564	0.717586	1.0404	1.0404	0.226711	1.14843	1.14843	0.556537	1.06699	1.06699	0.794479	0.971936	-1.02887	0.0213453	1.35206	1.35206	0.00425254	1.51764	1.51764	3.07141	0.578347	0.167378	1
cg02370807	HNRNPAB;HNRNPAB	0.0643942	0.0560131	1.58339	1.58339	0.77227	0.940249	-1.06355	0.612543	0.897239	-1.11453	0.848899	0.960312	-1.04133	0.157385	0.725408	-1.37854	0.0139127	0.524605	-1.9062	0.392032	0.830121	-1.20464	0.451485	0.849696	-1.17689	0.0377304	1.66808	1.66808	3.07141	2.19281	0.634616	1
cg12604162	KCNAB2;KCNAB2	0.0643944	0.778494	1.09297	1.09297	0.576054	0.836873	-1.19492	0.310437	0.718313	-1.39215	0.358922	0.742765	-1.34632	0.290206	1.41346	1.41346	0.0379526	2.1352	2.1352	0.00631927	3.06794	3.06794	0.0766689	1.86029	1.86029	0.996676	1.00131	1.00131	3.0714	4.83403	1.39901	1
cg05025556	GNL1	0.0643946	0.021613	0.194192	-5.14954	0.965774	0.974828	-1.02582	0.539131	1.44691	1.44691	0.237794	0.479628	-2.08495	0.0558683	0.276093	-3.62197	0.793624	1.16856	1.16856	0.019575	0.18711	-5.34445	0.0530069	0.270788	-3.69293	0.0479425	0.26094	-3.8323	3.0714	17.1721	4.96975	1
cg08320674	LHPP;LHPP	0.0643957	0.0468483	0.265963	-3.75992	0.820554	0.876134	-1.14138	0.120305	0.375022	-2.66651	0.412611	1.62831	1.62831	0.00449123	0.110272	-9.06853	0.677359	0.783855	-1.27575	0.927233	0.948223	-1.0546	0.0537383	0.279484	-3.57802	0.139847	0.396693	-2.52084	3.07138	16.4784	4.76901	1
cg22371972	SLC17A6	0.0643959	0.0608087	21.2262	21.2262	0.0211857	54.9116	54.9116	0.349735	4.02081	4.02081	0.559745	0.426326	-2.34563	0.126084	10.9421	10.9421	0.216751	0.152761	-6.54616	0.171148	0.121673	-8.21874	0.0679972	19.1963	19.1963	0.133685	10.3642	10.3642	3.07138	101.652	29.4193	1
cg15015416	FRMPD2;FRMPD2;FRMPD2L1;FRMPD2;FRMPD2;FRMPD2;FRMPD2L1	0.0643971	0.0392538	0.448867	-2.22783	0.0697399	0.506066	-1.97603	0.0170952	0.376759	-2.65422	0.378052	0.738069	-1.35489	0.0208568	0.393039	-2.54428	0.0684717	0.504126	-1.98363	0.0187942	0.384445	-2.60115	0.307104	0.701139	-1.42625	0.218414	0.647441	-1.54454	3.07135	5.48548	1.58757	1
cg26022932	ZWINT;ZWINT;ZWINT	0.0643983	0.0444596	0.798442	-1.25244	0.233715	1.12949	1.12949	0.195708	1.14277	1.14277	0.113378	0.845333	-1.18297	0.0158677	0.749667	-1.33393	0.0641557	0.816381	-1.22492	0.135	0.854579	-1.17017	0.655054	0.957093	-1.04483	0.471611	0.931076	-1.07403	3.07133	0.462678	0.133906	1
cg15810415	ENPEP	0.0643986	0.089865	0.310607	-3.2195	0.0886462	0.308946	-3.23682	0.369972	0.562267	-1.77851	0.212015	0.43948	-2.27542	0.0508508	0.248772	-4.01975	0.0698446	0.281448	-3.55306	0.00705642	0.1133	-8.82611	0.0167029	0.160876	-6.21597	0.142617	0.373234	-2.67928	3.07133	19.0245	5.50597	1
cg12604982	MYO1C;MYO1C	0.0643994	0.0421635	0.767616	-1.30273	0.643593	0.948724	-1.05405	0.98499	1.00213	1.00213	0.753329	0.965011	-1.03626	0.145711	0.838223	-1.193	0.0777765	1.24788	1.24788	0.0692792	1.2581	1.2581	0.0357974	1.3178	1.3178	0.212698	1.15984	1.15984	3.07131	0.620844	0.179683	1
cg17162095	KIF26B	0.064401	0.510608	1.18316	1.18316	0.953676	0.985465	-1.01475	0.895203	1.03377	1.03377	0.571473	1.15504	1.15504	0.00225652	0.340511	-2.93676	0.0715992	0.602266	-1.6604	0.388156	0.800175	-1.24973	0.645422	1.12387	1.12387	0.49146	1.19259	1.19259	3.07128	3.09003	0.894315	1
cg06211272	OMA1	0.0644011	0.0307795	1.42137	1.42137	0.547983	1.08792	1.08792	0.551971	1.08698	1.08698	0.743394	0.955489	-1.04658	0.240005	1.18593	1.18593	0.177701	1.21962	1.21962	0.00676567	0.614739	-1.62671	0.63164	1.06924	1.06924	0.368474	1.13659	1.13659	3.07128	0.934526	0.27047	1
cg02932167	ECEL1	0.0644021	0.333723	1.40535	1.40535	0.209763	1.57011	1.57011	0.0513727	0.469031	-2.13206	0.0311253	2.37126	2.37126	0.625484	1.1828	1.1828	0.130058	1.74736	1.74736	0.617968	1.18721	1.18721	0.0105855	2.99606	2.99606	0.745642	1.1175	1.1175	3.07126	5.66606	1.63988	1
cg22959054	LMO3	0.0644023	0.00745944	0.193803	-5.15989	0.0364786	0.314169	-3.183	0.125961	0.454477	-2.20033	0.0390413	0.32055	-3.11964	0.13729	0.466602	-2.14315	0.0587099	0.36167	-2.76495	0.0459177	0.336312	-2.97343	0.878537	0.929751	-1.07556	0.400037	0.663446	-1.50728	3.07125	11.0343	3.19358	1
cg27133780	CMTM7;CMTM7	0.0644029	0.0568741	0.460036	-2.17374	0.24204	0.643285	-1.55452	0.022603	0.373937	-2.67425	0.0521943	0.451281	-2.21592	0.166069	0.587362	-1.70253	0.131198	0.555912	-1.79885	0.211837	0.622593	-1.60619	0.0772841	0.492803	-2.02921	0.00571409	0.270992	-3.69014	3.07124	6.31417	1.82747	1
cg24387542	LGALS9B	0.064403	0.0355644	0.329075	-3.03883	0.219149	0.55597	-1.79866	0.367525	0.656723	-1.52271	0.192391	0.534315	-1.87155	0.0213344	0.284572	-3.51404	0.125934	0.471323	-2.12169	0.00715716	0.206479	-4.84311	0.0940932	0.433366	-2.30752	0.0456049	0.353008	-2.8328	3.07124	10.0376	2.90511	1
cg19324118	ATXN7L1;ATXN7L1	0.0644034	0.189262	0.416487	-2.40103	0.376197	0.5644	-1.77179	0.86569	1.11251	1.11251	0.935795	1.05206	1.05206	0.0192063	0.167907	-5.95567	0.050427	0.245507	-4.0732	0.00545531	0.100029	-9.99711	0.746993	0.815563	-1.22615	0.0931448	0.312426	-3.20076	3.07123	19.2966	5.58491	1
cg00374927	FAIM;FAIM;FAIM;FAIM	0.0644046	0.610582	1.12148	1.12148	0.513818	0.8626	-1.15929	0.0977392	1.50014	1.50014	0.983909	0.995508	-1.00451	0.0498337	0.606897	-1.64773	0.57188	0.880279	-1.136	0.747595	1.07474	1.07474	0.00585345	0.446939	-2.23744	0.242899	1.31363	1.31363	3.07121	2.42388	0.701534	1
cg03687929	RFK	0.0644058	0.568711	1.16632	1.16632	0.25668	0.72892	-1.37189	0.52965	0.843613	-1.18538	0.0632674	1.74697	1.74697	0.0677305	0.578944	-1.72728	0.992328	1.00257	1.00257	0.896123	0.965715	-1.0355	0.130268	0.64632	-1.54722	0.00677591	0.391701	-2.55297	3.07119	3.46958	1.00419	1
cg13984181	EPHX4	0.0644062	0.649202	0.95028	-1.05232	0.00737203	1.46895	1.46895	0.042555	1.297	1.297	0.475262	0.92233	-1.08421	0.914522	1.01203	1.01203	0.528991	0.931437	-1.07361	0.338171	0.895876	-1.11623	0.0757374	0.802411	-1.24624	0.812904	1.02676	1.02676	3.07118	0.603231	0.174593	1
cg19513591	ZNF761;LOC147804	0.0644063	0.04812	0.794031	-1.2594	0.884756	0.985301	-1.01492	0.181887	1.15567	1.15567	0.0341475	0.776934	-1.28711	0.00612954	0.694078	-1.44076	0.730378	0.965295	-1.03595	0.714695	1.0382	1.0382	0.971686	0.996383	-1.00363	0.639135	0.952923	-1.0494	3.07118	0.507064	0.146759	1
cg25486757	PDZRN3	0.0644072	0.599319	1.0454	1.0454	0.102385	0.860978	-1.16147	0.131166	1.14624	1.14624	0.0168074	0.783229	-1.27677	0.617252	1.0431	1.0431	0.25039	0.904311	-1.10581	0.0184932	0.78722	-1.27029	0.279822	0.910206	-1.09865	0.676958	1.03571	1.03571	3.07116	0.341107	0.0987269	1
cg02370529	POLD1	0.064408	0.549704	1.27468	1.27468	0.177112	1.77755	1.77755	0.779388	1.11919	1.11919	0.133711	0.522796	-1.91279	0.455166	1.35665	1.35665	?	?	?	0.272076	1.58156	1.58156	0.00666026	4.10321	4.10321	0.0356976	2.66487	2.66487	3.11268	7.04558	2.26351	1
cg09404446	KIFC1	0.0644084	0.0169398	0.165043	-6.05903	0.139801	0.374297	-2.67167	0.0661749	0.279514	-3.57764	0.146467	0.38133	-2.6224	0.0149462	0.157088	-6.36586	0.162788	0.39789	-2.51326	0.0176654	0.167787	-5.95993	0.60686	0.725396	-1.37856	0.0773533	0.296859	-3.3686	3.07114	18.6085	5.3859	1
cg26439071	TCTN2;TCTN2	0.0644085	0.00828433	0.54846	-1.82329	0.0363936	0.648696	-1.54155	0.949206	0.988729	-1.0114	0.157441	0.764155	-1.30863	0.0338069	0.64342	-1.55419	0.809752	0.957994	-1.04385	0.0836472	0.711301	-1.40587	0.432575	1.15316	1.15316	0.161152	0.766225	-1.3051	3.07114	1.53986	0.445686	1
cg19953263	PANK1	0.0644086	0.0240983	0.540892	-1.8488	0.406068	0.823505	-1.21432	0.524501	1.15875	1.15875	0.0675353	0.6263	-1.59668	0.0091151	0.469146	-2.13153	0.218342	0.743934	-1.3442	0.106912	0.66891	-1.49497	0.0539991	0.606712	-1.64823	0.820876	1.05318	1.05318	3.07114	2.53865	0.73477	1
cg12876356	GFI1;GFI1;GFI1	0.0644104	0.761563	1.11981	1.11981	0.848172	1.07387	1.07387	0.0266807	2.65508	2.65508	0.601771	1.21626	1.21626	0.216691	0.616711	-1.6215	0.498118	0.77435	-1.29141	0.544605	0.796116	-1.2561	0.00510874	3.95811	3.95811	0.189676	1.67624	1.67624	3.0711	6.72492	1.94644	1
cg20568147	DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A	0.0644123	0.995066	0.998502	-1.0015	0.0830696	0.628025	-1.59229	0.289585	1.30534	1.30534	0.250967	0.747685	-1.33746	0.179201	0.707593	-1.41324	0.212564	1.37474	1.37474	0.0598786	1.67307	1.67307	0.277293	0.760408	-1.31508	0.0173049	0.495208	-2.01935	3.07107	2.85823	0.827286	1
cg15799959	ZNF248;ZNF248	0.0644137	0.0386194	0.7592	-1.31718	0.622703	1.05869	1.05869	0.320216	0.888587	-1.12538	0.052844	0.776397	-1.288	0.0762532	1.25463	1.25463	0.950356	1.00719	1.00719	0.025313	0.73653	-1.35772	0.239387	1.15222	1.15222	0.472207	0.919344	-1.08773	3.07104	0.643292	0.186196	1
cg22289948	ZNF566;ZNF566;ZNF566;ZNF566	0.0644147	0.764326	1.12288	1.12288	0.153072	0.554443	-1.80361	0.529153	0.782119	-1.27858	0.847139	0.928308	-1.07723	0.154222	0.555484	-1.80023	0.0829852	2.09578	2.09578	0.173566	1.74738	1.74738	0.0248002	0.357032	-2.80087	0.0263138	0.36218	-2.76106	3.07102	7.22683	2.09176	1
cg18271538	RGS7	0.0644156	0.579832	0.872407	-1.14625	0.505973	0.848124	-1.17907	0.213749	1.37651	1.37651	0.16937	1.42953	1.42953	0.454234	0.830212	-1.20451	0.299558	1.30008	1.30008	0.00718577	0.428691	-2.33268	0.0531939	1.70945	1.70945	0.70812	0.912288	-1.09614	3.071	2.89785	0.83877	1
cg15261887	MPRIP;MPRIP	0.0644164	0.956462	1.00752	1.00752	0.120451	1.2601	1.2601	0.153171	1.23363	1.23363	0.14186	0.805103	-1.24208	0.429502	0.895208	-1.11706	0.0871046	0.771579	-1.29604	0.0204278	1.46742	1.46742	0.0887036	0.772789	-1.29401	0.695185	0.947383	-1.05554	3.07099	0.916377	0.265243	1
cg20808078	DIRAS3	0.0644172	0.014157	0.402508	-2.48442	0.167911	0.642875	-1.55551	0.345282	0.746613	-1.33938	0.708948	0.893402	-1.11932	0.08652	0.565982	-1.76684	0.128693	0.610418	-1.63822	0.0218355	0.437237	-2.28709	0.426713	1.27631	1.27631	0.190122	1.51762	1.51762	3.07097	4.39534	1.27222	1
cg22733073	PAIP2;PAIP2	0.0644179	0.791416	1.13182	1.13182	0.0164358	4.11204	4.11204	0.0784508	2.52944	2.52944	?	?	?	0.605113	0.78355	-1.27624	0.0262969	0.282377	-3.54136	0.303717	1.64899	1.64899	0.602488	1.27856	1.27856	0.255819	1.74656	1.74656	3.34885	10.066	2.63007	1
cg21273013	HNRNPR;HNRNPR;HNRNPR;HNRNPR	0.0644184	0.0310213	0.742943	-1.346	0.436467	1.09764	1.09764	0.358294	0.895064	-1.11724	0.365394	0.896603	-1.11532	0.476646	1.08864	1.08864	0.297308	1.13519	1.13519	0.0507685	1.29847	1.29847	0.317841	0.885881	-1.12882	0.0251497	1.36689	1.36689	3.07095	0.669861	0.193892	1
cg21999939	C5orf38	0.0644188	0.358023	3.44391	3.44391	0.0932438	11.1973	11.1973	0.275381	4.41322	4.41322	0.969182	1.05184	1.05184	0.534831	0.439407	-2.27579	0.85661	1.26698	1.26698	0.0114628	62.7162	62.7162	0.0222156	36.0956	36.0956	0.0182165	42.5312	42.5312	3.07094	83.2497	24.0967	1
cg04055086	SEPT10;SEPT10	0.0644247	0.0284791	0.540869	-1.84888	0.797453	1.06305	1.06305	0.2772	1.3082	1.3082	0.283431	0.767263	-1.30333	0.980589	1.0058	1.0058	0.697874	1.09717	1.09717	0.0362066	0.560462	-1.78424	0.0744807	1.60382	1.60382	0.0455083	0.579717	-1.72498	3.07083	2.74843	0.795565	1
cg18031675	PRR15	0.064425	0.105045	3.20972	3.20972	0.00427536	12.3848	12.3848	0.035366	5.01897	5.01897	0.132427	2.9125	2.9125	0.1886	2.50211	2.50211	0.867813	1.11591	1.11591	0.122579	3.00895	3.00895	0.0343973	5.07643	5.07643	0.315794	1.97957	1.97957	3.07083	21.0828	6.10268	1
cg02238387	TBC1D16	0.0644271	0.122093	0.547365	-1.82694	0.228389	0.634661	-1.57564	0.0333816	0.408963	-2.44521	0.445779	0.756146	-1.3225	0.00303477	0.232054	-4.30935	0.0536325	0.454682	-2.19934	0.620491	0.83568	-1.19663	0.361629	0.713732	-1.40109	0.0860697	0.50554	-1.97808	3.07079	6.29043	1.82087	1
cg07910408	TNXB	0.0644272	0.353751	0.829341	-1.20578	0.77689	0.945805	-1.0573	0.0334787	0.614318	-1.62782	0.615961	0.905576	-1.10427	0.211872	0.772655	-1.29424	0.58046	0.896291	-1.11571	0.00705561	1.97972	1.97972	0.751916	0.939698	-1.06417	0.201474	1.30285	1.30285	3.07078	1.87068	0.5415	1
cg08770122	CLDN1;CLDN1	0.0644277	0.906296	0.980518	-1.01987	0.478094	1.12806	1.12806	0.197029	0.796235	-1.25591	0.684173	0.933955	-1.07072	0.818377	0.9623	-1.03918	0.973977	0.994565	-1.00546	0.1553	0.775644	-1.28925	0.122293	1.32284	1.32284	0.00328438	1.95284	1.95284	3.07078	1.35753	0.39296	1
cg23863718	FUT10	0.0644278	0.00319799	0.0334191	-29.923	0.0563139	6.20276	6.20276	0.458372	1.89197	1.89197	0.373739	0.462538	-2.16198	0.970471	0.969226	-1.03175	0.721347	0.739031	-1.35312	0.341576	2.28765	2.28765	0.836172	1.19107	1.19107	0.764399	0.775836	-1.28893	3.07077	34.6793	10.0385	1
cg15716680	TEAD1	0.0644279	0.0110371	0.163993	-6.09781	0.240172	0.497855	-2.00862	0.31759	0.556614	-1.79658	0.246347	0.502813	-1.98881	0.0122611	0.170452	-5.86676	0.13336	0.399216	-2.50491	0.0278133	0.228878	-4.36914	0.0668377	0.311846	-3.20672	0.0771782	0.328123	-3.04763	3.07077	15.6421	4.52788	1
cg06374384	P4HA3	0.0644296	0.0387901	0.34735	-2.87894	0.993906	1.00338	1.00338	0.0646317	0.399616	-2.5024	0.244869	0.584151	-1.71189	0.00504717	0.194219	-5.14882	0.249837	0.58774	-1.70143	0.256978	0.592835	-1.68681	0.0350545	0.337815	-2.9602	0.0814135	0.425877	-2.34809	3.07074	9.49823	2.74946	1
cg12068949	OR10J5	0.0644297	0.00580637	0.10896	-9.17769	0.0968444	0.326862	-3.0594	0.124101	0.359981	-2.77792	0.384864	1.72741	1.72741	0.15802	0.396112	-2.52454	0.0664145	0.282791	-3.53619	0.852718	1.12078	1.12078	0.487639	0.648792	-1.54133	0.0473448	0.248555	-4.02325	3.07074	18.3073	5.29943	1
cg11819121	DOPEY2	0.06443	0.10866	0.734533	-1.36141	0.0266896	1.58881	1.58881	0.046902	0.669597	-1.49344	0.170836	0.77327	-1.29321	0.530913	0.89412	-1.11842	0.0767275	1.41495	1.41495	0.308188	1.20439	1.20439	0.478827	1.13535	1.13535	0.656325	0.92407	-1.08217	3.07073	1.51188	0.437647	1
cg07592976	PER1;PER1	0.0644307	0.687574	1.16113	1.16113	0.480295	0.7671	-1.30361	0.0875383	2.00766	2.00766	0.106999	0.521931	-1.91596	0.403826	0.7293	-1.37118	0.64891	0.844188	-1.18457	0.0148017	3.02868	3.02868	0.0417194	2.38089	2.38089	0.167713	1.72181	1.72181	3.07072	6.64106	1.92241	1
cg05475091	FRYL	0.0644311	0.0438388	2.97898	2.97898	0.550861	1.32889	1.32889	0.669636	0.816915	-1.22412	0.553054	0.753715	-1.32676	0.0180237	0.258257	-3.87211	0.179678	1.9571	1.9571	0.66725	0.815632	-1.22604	0.0328468	3.24193	3.24193	0.463153	0.703373	-1.42172	3.07071	10.7969	3.12541	1
cg00924052	LOC402644	0.0644314	0.30853	0.565425	-1.76858	0.00727128	0.153658	-6.50796	0.0268592	0.242093	-4.13065	0.254213	0.525136	-1.90427	0.0320176	0.256901	-3.89254	0.302887	0.561387	-1.7813	0.0295832	0.250134	-3.99786	0.10146	0.379046	-2.63821	0.70033	0.81122	-1.23271	3.07071	14.2334	4.12021	1
cg01748699	CDC42EP4	0.0644318	0.110507	0.515139	-1.94122	0.00396215	0.228122	-4.38362	0.104379	0.508087	-1.96817	0.53771	0.7882	-1.26871	0.020874	0.3463	-2.88767	0.14631	0.551693	-1.8126	0.124085	0.529843	-1.88735	0.0863326	0.485445	-2.05997	0.203231	0.599132	-1.66908	3.0707	7.0748	2.04797	1
cg18909516	IDE;IDE	0.0644322	0.0137685	0.55818	-1.79154	0.0931405	0.702098	-1.4243	0.330694	1.2119	1.2119	0.0251666	0.600585	-1.66504	0.747202	0.939952	-1.06388	0.0390037	0.632862	-1.58012	0.691354	0.926436	-1.07941	0.498374	1.14066	1.14066	0.162284	0.751501	-1.33067	3.07069	1.78307	0.516155	1
cg26309691	SCCPDH	0.0644324	0.189026	1.48309	1.48309	0.175057	0.664637	-1.50458	0.572244	1.17544	1.17544	0.508938	1.20899	1.20899	0.168907	0.660226	-1.51463	0.288056	0.731681	-1.36672	0.464978	1.23445	1.23445	0.00583789	2.7797	2.7797	0.120618	1.61094	1.61094	3.07069	3.90163	1.12943	1
cg21377793	TSPAN3;TSPAN3;TSPAN3	0.0644341	0.34398	0.823917	-1.21371	0.298341	0.807195	-1.23886	0.0750448	0.674427	-1.48274	0.790516	1.05432	1.05432	0.221724	0.77477	-1.2907	0.00220873	0.426413	-2.34514	0.325378	1.22357	1.22357	0.277439	0.798977	-1.2516	0.87872	0.970116	-1.0308	3.07066	1.91988	0.555763	1
cg00752277	MAP4;MAP4;MAP4;MAP4	0.0644344	0.393256	0.761723	-1.31281	0.0205786	0.41975	-2.38237	0.200197	1.52369	1.52369	0.0476209	2.02387	2.02387	0.386704	1.31804	1.31804	0.642191	0.864481	-1.15676	0.0650595	0.524833	-1.90537	0.548821	0.827954	-1.2078	0.106259	0.577538	-1.73149	3.07065	4.71037	1.36356	1
cg20147164	MYT1L	0.0644348	0.330093	0.837102	-1.1946	0.291909	0.824095	-1.21345	0.0206587	0.610757	-1.63731	0.749825	0.944973	-1.05823	0.525057	0.892306	-1.12069	0.216829	1.25848	1.25848	0.0186093	1.65656	1.65656	0.130974	1.33444	1.33444	0.529203	1.11938	1.11938	3.07064	1.52221	0.44065	1
cg05677630	PPIL2;PPIL2;PPIL2	0.064435	0.0630358	0.308301	-3.24358	0.714267	0.813085	-1.22988	0.139731	0.408936	-2.44537	0.156482	0.426172	-2.34647	0.021539	0.211531	-4.72743	0.0524114	0.289031	-3.45984	0.0107203	0.164557	-6.07692	0.0269972	0.229108	-4.36476	0.200981	0.46768	-2.13821	3.07064	15.3986	4.4576	1
cg19459675	SC4MOL;SC4MOL	0.0644362	0.0478503	0.787135	-1.27043	0.0778004	1.23042	1.23042	0.0200816	1.34547	1.34547	0.864572	1.01822	1.01822	0.9989	0.999854	-1.00015	0.763805	1.0324	1.0324	0.934715	0.99137	-1.00871	0.0445756	0.783478	-1.27636	0.28122	1.1258	1.1258	3.07061	0.544358	0.157582	1
cg23197955	ZNF558	0.0644364	0.942771	1.01296	1.01296	0.114534	0.735046	-1.36046	0.927625	1.01643	1.01643	0.0377823	0.649174	-1.54042	0.0869954	1.40348	1.40348	0.562677	0.900358	-1.11067	0.027182	1.59821	1.59821	0.13923	0.751706	-1.33031	0.202171	0.785445	-1.27316	3.07061	1.56417	0.4528	1
cg19289870	SCAPER;SCAPER	0.0644372	0.130085	0.605297	-1.65208	0.124036	0.599658	-1.66762	0.457198	0.792576	-1.26171	0.674366	0.878316	-1.13854	0.0472127	0.497988	-2.00808	0.361623	0.74982	-1.33365	0.00872274	2.78999	2.78999	0.418121	1.28922	1.28922	0.903597	0.963481	-1.0379	3.0706	4.58454	1.32715	1
cg07315493	IFT140	0.0644375	0.186221	0.554114	-1.80468	0.254314	1.65113	1.65113	0.802547	0.899828	-1.11132	0.462009	1.37087	1.37087	0.466082	0.731632	-1.36681	0.0648582	0.417497	-2.39522	0.0110904	0.261405	-3.82548	0.637447	1.22138	1.22138	0.0209788	0.310374	-3.22192	3.07059	8.63098	2.49854	1
cg09248887	GABRB1	0.0644385	0.453692	1.13453	1.13453	0.0179341	1.6091	1.6091	0.260173	0.82347	-1.21437	0.797621	1.04341	1.04341	0.770909	0.952862	-1.04947	0.201548	0.800088	-1.24986	0.0199846	0.628552	-1.59096	0.343094	1.1753	1.1753	0.132586	0.764618	-1.30784	3.07057	1.32995	0.385001	1
cg18055682	ZNF264	0.0644388	0.0352298	1.93992	1.93992	0.921366	0.973676	-1.02704	0.391212	0.788712	-1.26789	0.502906	1.20164	1.20164	0.174032	1.47804	1.47804	0.56436	1.1705	1.1705	0.00614684	2.62688	2.62688	0.0420008	1.88347	1.88347	0.0979361	1.63315	1.63315	3.07057	3.5499	1.02765	1
cg03311606	ITGA6;ITGA6	0.0644409	0.177443	0.827435	-1.20855	0.0161224	1.47563	1.47563	0.0439329	1.35797	1.35797	0.879737	1.02021	1.02021	0.107985	1.26083	1.26083	0.073066	0.767823	-1.30238	0.666068	0.944237	-1.05906	0.555434	0.924209	-1.08201	0.908076	0.984851	-1.01538	3.07053	0.849331	0.245874	1
cg19697239	NINJ2	0.0644416	0.0770998	9.06774	9.06774	0.140128	5.93217	5.93217	0.119376	6.65685	6.65685	0.128574	6.31193	6.31193	0.736365	1.46084	1.46084	0.204738	4.48599	4.48599	0.0121759	33.2617	33.2617	0.0100553	38.2367	38.2367	0.0354682	15.585	15.585	3.07051	61.1829	17.712	1
cg17153174	RPL22	0.0644429	0.144416	0.790328	-1.2653	0.0505642	1.39711	1.39711	0.488043	0.899665	-1.11153	0.409749	0.881149	-1.13488	0.294471	1.17726	1.17726	0.658511	0.935422	-1.06904	0.0132157	1.58563	1.58563	0.434569	0.88722	-1.12712	0.0982894	0.761747	-1.31277	3.07049	1.09543	0.31712	1
cg00236919	NIPAL1	0.0644435	0.342848	2.20201	2.20201	0.00965825	14.0877	14.0877	0.331973	2.24446	2.24446	0.459187	1.83818	1.83818	0.3709	0.476084	-2.10047	0.793159	1.23648	1.23648	0.766756	0.786413	-1.2716	0.00674321	17.0688	17.0688	0.142028	3.57908	3.57908	3.07048	31.7289	9.18537	1
cg11469321	BDH2	0.0644446	0.311807	0.781626	-1.27938	0.752257	1.07742	1.07742	0.432764	0.828198	-1.20744	0.0044802	2.44093	2.44093	0.0796523	0.632527	-1.58096	0.844715	1.04726	1.04726	0.319469	0.784861	-1.27411	0.997883	1.00062	1.00062	0.153048	1.43376	1.43376	3.07046	2.69619	0.78054	1
cg26133206	PHF15	0.0644455	0.255208	0.799791	-1.25033	0.0115462	0.552089	-1.8113	0.324098	0.825699	-1.2111	0.737216	1.06538	1.06538	0.314535	0.822337	-1.21605	0.136853	1.35173	1.35173	0.0731478	0.686709	-1.45622	0.408331	1.1724	1.1724	0.0989417	1.40527	1.40527	3.07044	1.72001	0.497942	1
cg06749789	THAP4;THAP4	0.0644457	0.0625913	10.5168	10.5168	0.273804	3.59197	3.59197	0.20121	4.55236	4.55236	0.311809	0.30885	-3.23782	0.224058	4.19617	4.19617	0.646683	0.595574	-1.67905	0.0125293	32.7007	32.7007	0.696413	0.643861	-1.55313	0.0160431	27.3682	27.3682	3.07044	61.3119	17.7498	1
cg26134737	DIP2C	0.0644462	0.122516	2.33746	2.33746	0.159008	2.1463	2.1463	0.322739	1.67907	1.67907	0.51139	1.40205	1.40205	0.0848939	0.380335	-2.62926	0.0705669	2.78797	2.78797	0.0207218	4.1083	4.1083	0.0725689	2.7634	2.7634	0.0422524	3.2774	3.2774	3.07043	12.5182	3.62403	1
cg18484166	SGCE;SGCE;PEG10;SGCE;PEG10	0.064447	0.946556	1.01372	1.01372	0.00341686	2.24488	2.24488	0.0403936	0.618003	-1.61812	0.257609	1.27143	1.27143	0.96459	0.991017	-1.00906	0.631496	1.10322	1.10322	0.789372	1.05593	1.05593	0.600413	0.898134	-1.11342	0.381351	1.20023	1.20023	3.07041	2.00933	0.581705	1
cg23265656	PRDM16;PRDM16	0.0644483	0.895058	0.982616	-1.01769	0.0100002	1.54058	1.54058	0.765628	0.961053	-1.04053	0.695654	0.949099	-1.05363	0.0257135	1.42197	1.42197	0.405306	0.893024	-1.11979	0.0289917	1.40785	1.40785	0.694544	0.948907	-1.05384	0.315146	1.148	1.148	3.07039	0.858683	0.248592	1
cg12160011	REV3L;REV3L	0.0644501	0.873554	1.03418	1.03418	0.0726331	1.52603	1.52603	0.282847	1.26553	1.26553	0.931562	0.982037	-1.01829	0.708363	0.923766	-1.08253	0.860164	0.963472	-1.03791	0.00248406	0.41174	-2.42872	0.93449	1.0175	1.0175	0.60904	1.11501	1.11501	3.07035	2.16564	0.626968	1
cg11675917	CYP21A2;CYP21A2	0.0644501	0.501055	0.900252	-1.1108	0.0097969	0.605033	-1.6528	0.0215512	0.653958	-1.52915	0.706674	1.0599	1.0599	0.020765	0.651604	-1.53468	0.425528	0.882312	-1.13339	0.619736	1.08001	1.08001	0.134246	0.779984	-1.28208	0.984639	0.997042	-1.00297	3.07035	1.1513	0.333308	1
cg25505476	KDELC2	0.0644507	0.0251069	0.686074	-1.45757	0.0439178	0.720745	-1.38745	0.0810412	0.760665	-1.31464	0.849126	0.973427	-1.0273	0.287791	0.855495	-1.16891	0.307881	1.16098	1.16098	0.716868	0.9498	-1.05285	0.0563546	1.3574	1.3574	0.12741	0.79206	-1.26253	3.07034	0.97252	0.281552	1
cg26129270	FZD5	0.0644511	0.785472	0.956442	-1.04554	0.203433	1.24499	1.24499	0.317672	1.18364	1.18364	0.0143818	1.63638	1.63638	0.418758	1.14438	1.14438	0.0707139	1.39048	1.39048	0.142938	1.29304	1.29304	0.0113248	1.67805	1.67805	0.0245075	1.5486	1.5486	3.07033	1.2956	0.375088	1
cg23532246	ZNF234;ZNF234	0.0644519	0.72284	1.20402	1.20402	0.328668	0.585509	-1.70792	?	?	?	0.412015	1.55668	1.55668	?	?	?	0.680907	1.24083	1.24083	0.804739	1.13765	1.13765	0.0521442	3.50661	3.50661	0.00543351	10.1282	10.1282	4.27601	13.0698	2.18325	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg13427880	GATA6	0.0644527	0.320875	0.487875	-2.11026	0.0206873	-1.38407	-1.29981	0.293442	1.59489	0.194143	1.80157	1.80157	0.191353	1.80903	1.80903	0.160937	0.526407	-1.89967	0.9664822	0.13798	1.01798	0.0497952	2.60873	0.557364	1.28955	0.3703	8.92935	2.58515	1
cg05087948	CTSF	0.0644531	0.713218	0.909433	-1.09959	0.0727247	0.603431	-1.65719	0.0732351	0.598255	-1.67154	0.16654	0.684316	-1.46131	0.0503554	0.708126	-1.41218	0.030222	0.510278	-1.92575	0.28911	1.32709	1.33705	0.83381	1.17354	1.17354	0.0477962	1.78959	0.3703	3.21599	0.9310168	1
cg15530669	MEF2D	0.0644575	0.00755557	0.366795	-2.72632	0.312451	1.35653	1.35653	0.668451	1.13398	1.13398	0.230824	0.692927	-1.44315	0.0491227	0.519195	-1.92606	0.0537822	0.527792	-1.89469	0.323454	1.34665	1.34665	0.304277	0.733089	-1.36409	0.97487	0.99085	-1.00923	3.07021	4.14127	1.19898	1
cg23525492	MED1C2	0.0644583	0.0174483	1.82988	1.82988	0.733705	0.931106	-1.07388	0.79008	0.946019	-1.05706	0.325982	1.23585	1.23585	0.550802	0.881355	-1.13431	0.0171605	1.83932	1.83932	0.433067	1.18181	1.18181	0.0468802	0.6217762	-1.60843	0.8733778	0.967246	-1.03386	3.0702	2.12003	0.6137994	1
cg17884016	C7orf28B	0.0644586	0.075211	0.289862	-3.44992	0.0148241	0.153528	-6.51347	0.049434	0.246218	-4.06141	0.204973	0.433447	-2.30709	0.0280534	0.197518	-5.06284	0.108961	0.335311	-2.98231	0.0132797	0.146901	-6.8073	0.209398	0.437355	-2.28647	0.147633	0.378662	-2.64088	3.00119	18.9996	5.50082	1
cg27030541	REXO11P	0.0644604	0.130942	0.234279	-4.26842	0.275585	0.364477	-2.74366	0.0218169	0.0863549	-11.5801	0.229359	0.325302	-3.07218	0.0132038	0.0649825	-15.3888	0.2278911	0.324237	-3.08417	0.2919771	0.379438	-2.63547	0.683073	0.6940307	-1.44091	0.00680416	0.0441459	-22.6322	0.70116	38.502	11.1473	1
cg02329886	HDC;HDC	0.0644641	0.661967	0.870752	-1.14843	0.0473064	0.489706	-2.04204	0.739345	1.11076	1.11076	0.163244	1.59704	1.59704	0.664538	0.871741	-1.14713	0.329833	0.7288	-1.37212	0.00729297	0.336699	-2.97001	0.124519	0.592621	-1.68742	0.2013381	1.52876	1.52876	0.70115	4.81226	1.39328	1
cg12350762	ONECUT2	0.0644646	0.337305	0.751376	-1.33089	0.174513	0.658797	-1.51792	0.11238	0.660571	-1.64811	0.880094	0.957316	-1.04454	0.713096	0.898779	-1.11262	0.0091309	0.384058	-2.60377	0.1663891	0.76253	-1.31142	0.0227312	0.219862	2.19892	0.0950554	1.00179	1.00179	0.70309	4.06008	1.17552	1
cg05138395	SSBP3;SSBP3;SSBP3	0.0644642	0.0146165	0.57333	-1.7442	0.1148777	0.213052	-1.36789	0.536805	1.12267	1.12267	0.790377	1.05053	1.05053	0.0398012	0.547086	-1.82787	0.240684	0.79807	-1.2531	0.5965	1.26511	1.26511	0.116551	1.12954	1.12954	0.662276	0.9210906	1.08473	0.70306	1.66436	0.4818386	1
cg15213210	PAX7;PAX7;PAX7	0.0644642	0.727522	0.657025	-1.52201	0.173461	0.175672	-5.69242	0.108509	0.318455	8.18455	0.64891	1.7352	1.7352	0.579445	0.510579	-1.95856	0.0159962	34.5139	34.5139	0.0105233	47.717	47.717	0.23486	4.46008	4.46008	0.519882	2.18877	2.18877	3.07009	70.1119	20.2997	1
cg01975116	LSG1	0.0644647	0.500477	1.69671	1.69671	0.0998373	0.561601	-1.54415	0.0619482	0.674702	-1.29485	0.776482	1.0202	1.0202	0.464451	1.307555	-1.31055	0.10235	1.26692	1.26692	0.0248939	1.29822	1.29822	0.0248493	1.02564	1.02564	0.0255622	1.27763	1.27763	3.07006	0.8516622	0.346574	1
cg25122000	PNCK;PNCK	0.0644661	0.00843824	0.26599	-3.75953	0.455674	0.741506	-1.34861	0.252032	1.60158	1.60158	0.050476	2.62919	2.62919	0.0309559	1.52056	1.52056	0.153877	0.55272	-1.80923	0.3998462	0.712313	-1.40388	0.991682	0.9959005	-1.00411	0.9119841	1.04448	1.04448	3.07005	7.53351	2.18122	1
cg27027323	CAP1;CAP1	0.0644671	0.011728	0.688982	-1.45142	0.141912	0.829574	1.20544	0.436698	1.09843	1.09843	0.228436	1.56133	1.56133	0.422565	0.907622	-1.10178	0.1639775	1.19246	1.19246	0.1853746	0.907622	-1.10178	0.3191542	-1.36399	0.962118	0.995564	1.00564	1.00564	3.07003	0.6080717	0.197093	1
cg06162324	FXYD6;FXYD4	0.0644685	0.659195	0.904414	-1.10569	0.6678042	0.629339	-1.58897	7	7	7	0.843908	0.956357	-1.04564	0.0139853	0.5030361	-1.98783	0.0826577	0.647208	-1.5461	0.0446174	1.68532	1.68532	0.474348	0.8481448	-1.17904	0.961061	1.01111	1.01111	1.11151	2.24661	0.7231389	1
cg11635407	UTP18	0.0644687	0.0324933	2.17437	2.17437	0.247515	0.678715	-1.45529	0.710941	0.890905	-1.12245	0.0359013	2.13286	2.13286	0.378287	1.32382	1.32382	0.325362	1.37046	1.37046	0.0576495	1.94675	0.940221	0.208661	2.08661	0.0388766	2.10304	3.07	4.68238	1.35574	1
cg04852443	PRDM16;PRDM16	0.0644695	0.0454228	0.837633	0.97633	0.1037455	0.190585	1.90487	0.0638483	0.0349403	0.586328	1.70593	0.61158	0.611158	0.0796195	0.70314	0.97014	0.0459068	0.81176	0.81176	0.0120886	22.709	22.709	0.0276218	13.4538	13.4538	0.0660022	1.76795	1.76795	0.69899	48.4298	14.0224	1
cg03961998	B3GNT1	0.0644729	0.107513	0.677208	-1.47665	0.0947277	0.665302	-1.50308	0.065143	0.631614	-1.58325	0.449634	0.842862	-1.18643	0.0165713	0.522348	-1.91443	0.186128	0.732681	-1.36485	0.219242	1.33202	1.33202	0.168709	0.722218	-1.38462	0.0179508	0.528273	-1.89296	3.06992	2.39046	0.693194	1
cg10924050	TAZ;TAZ2	0.0644733	0.0678315	0.73912	-1.3968	0.2890531	1.03596	1.03596	0.0852464	0.547953	-1.82497	0.126186	0.763127	-1.3104	0.426021	0.87564	-1.14202	0.519849	1.11248	1.11248	0.130418	1.30588	1.30588	0.497477	0.8976962	-1.11912	0.518667	1.11282	1.11282	3.06992	1.29786	0.375792	1
cg11965913	PM20D1	0.0644910	0.0140109	0.45103	-2.21655	0.0314555	0.53553	-1.86753	0.0434943	0.586328	-1.70593	0.0509555	1.90487	1.90487	0.0134881	0.760918	-1.31455	0.0822227	1.10559	1.10559	0.7705914	0.82428	-1.21318	0.0206349	0.60343	0.60343	0.4190881	1.70638	1.70638	3.06987	22.2927	6.454941	1
cg02910395	BTBD12	0.0644678	0.591128	0.824126	-1.21341	0.0361138	2.38529	2.38529	0.710615	1.14217	1.14217	0.561034	1.23325	1.23325	0.0155598	0.347073	-2.88124	0.0504894	0.451553	-2.21458	0.19224	0.611205	-1.63611	0.382028	1.37683	1.37683	0.3400332	0.704171	-1.42011	3.06983	6.185631	1.79109	1
cg21649461	PENK;PENK;PENK	0.0644707	0.395538	0.827603	-1.20838	0.2124101	0.791681	-1.30334	0.0644472	2.36665	2.36665	0.170519	0.881784	-1.23128	0.585309	0.884745	-1.12985	0.7530378	0.9339	-1.07078	0.6554215	1.69208	1.69208	0.0758101	1.39857	1.39857	0.0609212	0.869985	0.965144	-1.03611	3.92007	2.404444	0.565492	1
cg02002960	ZNRF4	0.0644816	0.0307451	0.24204	-4.13154	0.82179	0.881501	-1.13443	0.162727	0.428315	-2.33238	0.421647	0.631957	-1.58238	0.0403643	0.266772	-3.74852	0.151997	0.424012	-2.35842	0.0745393	0.329325	-3.03651	0.0472987	0.122701	-8.14991	0.11227	0.380339	-2.62923	3.06976	15.1966	4.40036	1
cg15612940	TBX2	0.0644818	0.5555808	0.833406	-1.19991	0.0745353	0.8161	1.22524	0.33024	0.9337113	1.07115	0.414493	1.41493	1.41493	0.0643128	0.708227	-1.41208	0.2719442	0.745851	-1.34094	0.2534955	0.948852	-1.05404	0.8648623	1.79068	1.79068	0.5156753	0.817863	-1.22277	3.06976	4.15005	1.35195	1
cg06053559	CPPED1;CPPED1	0.0644828	0.771728	1.21372	1.21372	0.826814	1.15708	1.15708	0.0095947	8.87664	8.87664	0.763496	0.817971	-1.22254	0.678815	0.757864	1.3195	0.4174414	0.575921	-1.73635	0.26908	0.466495	-2.15195	0.0149728	7.32849	7.32849	0.217931	0.421921	-2.37017	3.06974	21.5541	6.24133	1
cg12219134	SNTG1	0.0644851	0.112321	0.691385	-1.44637	0.723672	1.07873	1.07873	0.024674	0.564917	-1.77037	0.294861	1.26101	1.26101	0.349103	0.814018	-1.22847	0.420341	0.838825	-1.19214	0.750824	0.93425	-1.07038	0.00409363	0.4394	-2.27383	0.471826	0.855354	-1.16911	0.06969	2.21561	0.641572	1
cg06406157	TMEM132A;TMEM132A	0.0644862	0.5220361	0.8144	-1.22835	0.0405965	0.847094	1.18045	0.0423809	0.313189	3.19284	0.26384	3.79284	3.79284	0.0126824	0.10064	9.93994	0.1344	0.628259	1.59064	0.0144557	1.1443	1.1443	0.757749	0.3211	3.11211	0.0468813	1.80082	1.80082	3.06967	24.2575	4.12856	1
cg12033273	HCN3 FAM82A1;FAM82A1;FAM82A1;FAM82	0.0644866	0.834706	1.04422	1.04429	0.319319	0.807797	-1.23793	0.416083	1.18814	1.18814	0.174499	0.741143	-1.34927	0.302494	1.24798	1.24798	0.0189852	0.554842	-1.80231	0.0836739	0.672306	-1.48742	0.0245486	0.573799	-1.74277	0.0493154	0.627932	-1.59253	3.06966	2.09119	0.605551	1
cg12652546	A1	0.0644872	0.232028	1.28485	1.28485	0.687522	0.665414	-1.50282	0.00252907	0.43247	-2.3123	0.857727	1.03653	1.03653	0.898159	0.974809	-1.02584	0.750962	0.938315	-1.06574	0.637445	1.09958	1.09958	0.201913	0.763801	-1.30924	0.938209	0.984022	-1.01624	3.06965	1.944	0.562929	1
cg04025307	C7orf50;C7orf50;C7orf50	0.0644873	0.0206861	0.588365	-1.69963	0.049692	1.53149	1.53149	0.319819	0.822248	-1.21658	0.441145	0.853058	-1.17225	0.0294212	0.163659	-1.62957	0.555996	0.892814	-1.12005	0.0637918	0.67254	-1.4869	0.860532	1.03405	1.03405	0.195939	0.770778	-1.29739	3.06965	1.76208	0.51025	1
cg16332700	GPR123	0.0644885	0.77035	0.890123	-1.12338	0.2741005	1.57675	1.57675	0.0178535	0.311838	3.20621	0.09942	4.02102381	4.02102381	1.55111	0.644855	-1.55057	0.340233	1.14779	1.14779	0.4794	0.870231	-1.14945	-1.97149	0.712419	1.15853	0.2542125	0.625706	1.5982	0.31663	3.06963	2.767988	2.2239	1
cg00536175	GATA1;GATA1	0.0644886	0.00650307	0.385886	-2.59144	0.0362961	0.519275	-1.92576	0.175634	0.678604	-1.47361	0.645598	1.17901	1.17901	0.174886	0.633078	-1.57958	0.186674	1.45771	1.45771	0.644327	1.13333	1.13333	0.546389	0.84845	-1.17862	0.956685	0.985483	-1.01473	0.69663	3.5239	1.02043	1
cg00886554	NIM1	0.0644914	0.0259808	0.833406	-1.20015	0.0745353	0.8161	1.22524	0.33024	0.9337113	1.07115	0.414493	1.41493	1.41493	0.0643128	0.708227	-1.41208	0.2719442	0.745851	-1.34094	0.2534955	0.948852	-1.05404	0.8648623	1.79068	1.79068	0.5156753	0.817863	-1.22277	3.06956	4.15005	1.35195	1
cg07875121	PFDN1	0.0644934	0.133942	0.638859	-1.56529	0.79782	0.931312	-1.07375	0.313104	0.426152	-2.34658	0.134695	0.639498	-1.56373	0.0088384	0.396939	-2.51928	0.206122	0.690943	-1.4473	0.178826	0.67306	-1.48575	0.296797	1.34968	1.34968	0.208044	0.692139	-1.4448	3.06954	3.73586	1.08184	1
cg26107397	NBAS	0.0644956	0.233472	0.693036	-1.44293	0.0189956	2.3016	2.3016	0.0711421	1.80704	1.80704	0.210932	0.679158	-1.47241	0.134034	1.60691	1.60691	0.0822691	0.583737	-1.71352	0.037311	0.870031	-1.14938	0.550117	0.8373382	-1.1942	0.282152	1.38827	1.38827	0.69449	4.18853	1.21295	1
cg11540553	LOC390595	0.0644958	0.0692609	1.33134	1.33134	0.0745353	0.8161	1.22524	0.33024	0.9337113	1.07115	0.414493	1.41493	1.41493	0.0643128	0.708227	-1.41208	0.2719442	0.745851	-1.34094	0.2534955	0.948852	-1.05404	0.8648623	1.79068	1.79068	0.5156753	0.817863	-1.22277	3.06954	4.15005	1.35195	1
cg06074547	C7orf28B	0.0644981	0.741823	1.12407	1.12407	0.567317	0.815024	-1.22696	0.00370889	0.249819	-4.00291	0.871561	0.944367	-1.05891	0.531692	0.799224	-1.25121	0.58727	1.21396	1.21396	0.0370559	2.35497	2.35497	0.65148	1.17453	1.17453	0.3069938	0.687861	-1.45378	3.06945	6.08395	1.76187	1
cg21936095	PTPN22;PTPN22;PTPRN2	0.0644987	0.0194417	0.680927	-1.47001	0.1429057	0.802591	-1.27869	0.0857202	0.754838	-1.32479	0.0555207	1.53283	1.53283	0.0782804	0.652377	-1.53264	0.0836553	1.10952	1.10952	0.1812647	0.901273	-1.10977	0.3944483	0.8863143	1.10857	0.3944483	0.8863143	1.10857	0.3944483	0.8863143	1.10857	0.3944483	0.8863143	1.10857	3.06945	1.09154	0.4383	0.3083866	1
cg20741319	WNT5A	0.0645002	0.0526465	0.132997	-7.51836	0.00491659	0.0329693	-30.3312	0.298231	0.372531	-2.68434	0.26191	0.342563	-2.91917	0.0302198	0.0969519	-10.3144	0.113839	0.206939	-4.83233	0.0503281	0.129635	-7.71399	0.0207158	0.214183	-4.6689	0.110614	0.20351	-4.91375	0.06941	40.7663	11.8058	1
cg05791383	ZBTB38	0.0645028	0.507792	1.10725	1.10725	0.125176	0.777505	-1.28616	0.0226935	0.661268	-1.51225	0.119115	0.775779	-1.29236	0.709249	1.05844	1.05844	0.6935555	0.941718	-1.06189	0.0454105	1.41618	1.41618	0.20668	0.817143	-1.22378	0.1152621	1.29647	1.29647	0.69936	1.11765	0.323672	1
cg00054890	SMURF1;SMURF1	0.0645034	0.748936	1.12021	1.12021	0.660987	0.792951	-1.26101	0.0313603	0.893145	1.11931	0.53031	1.34911	1.34911	0.0447731	0.741143	-1.34927	0.1956547	0.799244	-1.25141	0.127509	1.32857	1.32857	0.625349	1.08857	1.08857	0.351126	0.847552	-1.17987	3.06932	1.44486	0.414437	1
cg27182172	PPARGC1A	0.0645035	0.96335	1.01478	1.01478	0.393452	1.32199	1.32199	0.0191099	0.0145114	0.468888	-2.13197	0.981286	0.992538	-1.00752	0.0155865	0.458119	0.128284	0.243443	0.677235	-1.47659	0.183697	0.640778	-1.5606	0.00561741	0.313205	-3.19279	0.944344	1.02254	1.02254	0.693692	4.95387	1.42552	1
cg09833789	PCIP1	0.0645037	0.240475	1.62837	1.62837	0.0400594	0.874049	1.14363	0.0844655	0.0313189	3.20284	0.0138	3.63884	3.63884	0.0026124	0.10064	9.93994	0.1344	0.628259	1.59064	0.0144557	1.1443	1.1443	0.757749	0.3211	3.11211	0.0468813	1.80082	1.80082	3.06967	24.2575	4.12856	1
cg13788097	CADPS;CADPS;CADPS	0.0645086	0.519205	0.813254	-1.22963	0.199692	0.651412	-1.53513	0.0132853	0.378862	-2.63947	0.152525	0.615837	-1.62381	0.0797154	0.540527	-1.85005	0.931858	0.973308	-1.02742	0.0992214	0.351481	-2.84511	0.625267	1.16849	1.16849	0.42552	1.2936	1.2936	3.06925	4.86471	1.40887	1
cg09985344	COTL1	0.0645094	0.181857	0.762552	-1.48132	0.0397188	2.62708	2.62708	0.0183	1.00519	1.00519	0.181226	0.674621	-1.48231	0.518071	0.719029	-1.39059	0.469758	1.22622	1.22622	0.1778	1.91926	1.91926	0.0511643	0.3137654	3.18693	0.0178785	0.0178785	-1.08947	0.69823	3.73786	1.08253	1
cg09795199	MAP2K6	0.0645101	0.1360101	0.601051	-1.66302	0.0210749	0.0225554	2.53403	0.127618	0.407659	2.45303	0.0445656	0.743835	-1.34438	0.0117676	0.180177	-5.55008	0.130032	0.33134	-3.01834	0.0402384	0.034746	-2.87803	0.193856	0.0729339	-2.11444	0.0360881	0.250655	0.389955	3.0692	12.4422	4.07081	1
cg15602677	SNTG2	0.0645113	0.080507	0.173947	-5.74887	0.0145089	0.0660682	-15.1359	0.0550959	0.140556	-7.11462	0.168739	0.266319	-3.75489	0.110193	0.207897	-4.81007	0.129897	0.228535	-4.37571	0.013357	0.062978	-15.8785	0.0412547	0.119523	-8.36658	0.080823	0.174332	-5.73617	0.6992	39.5683	11.4596	1
cg01173485	POLD3	0.0645114	0.795363	0.879205	-1.13703	0.2767501	0.709431	-1.40925	0.0127	0.880505	-1.13618	0.0994	1.09942	1.09942	0.0110281	0.5511	-1.81488	0.2375976	0.8348954	-1.19782	0.0227	0.6947	-1.43975	0.0524413	0.9330575	-1.07168	0.0481353	0.9424499	1.06061	0.76788	3.06925	1.33659	0.98688	1
cg26732287	TMEM123	0.0645152	0.0649015	0.598265	-1.67151	0.117946	0.52333	-1.52333	0.0353941	0.83079	-1.83079	0.0578833	0.587676	-1.70162	0.523369	1.17392	1.17392	0.076335	1.63045	1.63045	0.309179	0.770339	-1.29813	0.651217	0.8933304	-1.11944	0.736777	1.08723	1.08723	0.69122	2.98773	0.865316	1
cg00594228	MRAS3	0.0645154	0.0360881	2.07638	2.07638	0.0345555	2.25028	2.25028	0.25829	0.7602112	-1.42409	0.0859818	1.76592	1.76592	0.242084	0.897838	-1.11379	0.1528224	1.11929	1.11929	0.1825969	1.528	1.528	0.423237	0.7825944	-1.27782	0.0956248	0.9181672	-1.73092	0.00912	4.36657	1.24665	1
cg00027493	TCP11;TCP11	0.0645156	0.0454187	0.623247	-1.57916	0.7932454	1.0516	1.0516	0.0053258	0.450397	-2.22026	0.064371	0.661454	-1.51163	0.0403889	0.8853345	-1.12985	0.5786511	0.894453	-1.118	0.920762	0.9884411	-1.01998	0.8425196	0.6894878	-1.46182	0.2411864	0.7699904	-1.29886	3.06912	1.92165	0.556557	1
cg14520957	C1orf189;C1orf43;C1orf43;C1orf43	0.0645166	0.130705	0.72592	-1.37756	0.2729954	1.48064	1.48064	0.234867	1.27682	1.27682	0.0979514	0.700264	-1.42803	0.659311	0.916608	-1.09098	0.24212	1.2716	1.2716	0.0312887	0.76934	-1.30019	0.0773153	0.39631	1.39631	0.342506	0.825354	1.2116	0.6901	1.87236	0.542282	1
cg08379723	ZBTB38	0.0645169	0.0697392	0.691994	-1.44529	0.0400594	0.874049	1.14363	0.0844655	0.0313189	3.20284	0.0138	3.63884	3.63884	0.0026124	0.10064	9.93994	0.1344	0.628259	1.59064	0.0144557	1.1443	1.1443	0.757749	0.3211	3.11211	0.0468813	1.80082	1.80082	3.06967	24.2575	4.12856	1
cg24565496	LMF1	0.0645221	0.472953	0.696998	-1.43473	0.72866	1.18794	1.18794	0.557433	1.34098	1.34098	0.48239	1.42342	1.42342	0.148356	0.66455	-2.15262	0.789692	1.14133	1.14133	0.0075874	5.46368	5.46368	0.0699793	0.3671782	-2.72347	0.0735417	2.68208	2.68208	0.06899	11.8862	3.44267	1
cg04912712	FOXN3;FOXN3	0.0645223	0.0910457	0.208822	-3.41853	0.979057	0.01758	1.01758	0.121071	0.6532	3.0532	0.329755	0.512823	-1.94499	0.0370577	0.200365	-4.9949	0.158066	0.167116	-5.72393	0.0103179	0.115539	-8.65509	0.0138099	0.493187	-2.02763	0.1037347	0.306878	-3.25863	0.09898	21.4294	6.20674	1
cg03811829	ISG15	0.0645235	0.175745	0.50533	-1.97888	0.204821	0.530326	-1.88563	0.2535919	1.80189	1.80189	0.170491	1.9977	1.9977	0.174616	0.504321	-1.98287	0.090562	0.945401	-1.05775	0.0121351	0.227138	-4.40261	0.0932735	0.1964405	-5.09089	0.0188178	0.3909	-2.55809	0.06897	10.9243	3.16408	1
cg13743091	RALGPS1	0.0645243	0.0206816	0.314759	-3.17703	0.0925212	0.463903	-2.15562	0.371204	0.683218	-1.46366	0.161604	0.492377	-2.03097	0.00578833	0.223156	-4.48118	0.178095	0.552297	-1.81062	0.129934	0.507282	-1.97129	0.933918	1.035	1.035	0.0498926	0.395404	-2.52906	3.06895	8.36641	2.42324	1
cg05133909	FAU;MRPL49	0.0645261	0.6443352	0.865055	-1.1561	0.4009431	1.12127	1.12127	0.0853005	0.7472053	-1.33836	0.0994	1.14131	1.14131	0.0266985	0.7470144	-1.33897	0.1284106	0.7966353	-1.25537	0.0296543	0.7479518	-1.33703	0.0366748	0.7479518	-1.33703	0.0366748	0.7479518	-1.33703	0.0366748	0.7479518	-1.33703	0.0366748	0.7479518	-1.33703	3.06895	1.41254	0.412564	1
cg10143911	RAB7A	0.0645265	0.066535	0.404371	-2.47297	0.1662294	0.27612	-3.62161	0.103679	0.456289	-2.18824	0.633709	0.809568	-1.23523	0.0316148	0.329893	-3.03128	0.550304	0.766482	-1.30466	0.612816	0.798861	-1.25178	0.167167	0.46658	-2.14268	0.0219068	0.566209	-1.76613	0.36891	9.41247	2.72626	1
cg26215967	SH3GLS;SH3GL3	0.0645272	0.161841	0.741394	-1.34921	0.1764435	0.512443	-1.95116	0.0211564	0.313556	-3.18956	0.0178686	0.607278	-1.64669	0.0179625	0.31857	-3.13857	0.070798	0.744318	-1.34351	0.1576866	0.88524	-1.12965	0.8300451	0.9609048	-1.03194	0.5610221	1.08385	1.08385	0.69367	3.10382	0.893892	1
cg05651862	SMOC2;SMOC2	0.0645274	0.245342	0.728836	-1.37205	0.284452	1.33567	1.33567	0.0221049	0.489519	-2.04282	0.941443	0.981059	-1.01931	0.0583299	0.572994	1.74522	0.882509	0.03925	1.03925	0.582361	1.15555	1.15555	0.801889	0.9365654	-1.06763	0.0077149	0.410252	2.43753	3.0689	2.13292	0.953892	1
cg21036591	GPR50	0.0645311	0.24537	2.14504	2.14504	0.928769	1.05776	1.05776	0.065586	0.273109	-3.66154	0.0716852	0.28278	-3.53632	0.018031	0.164564	0.67667	0.0865781	0.304539	-3.28365	0.641764	0.745073	-1.34215	0.788671	1.1838	1.1838	0.0221199	0.178472	-5.60311	0.16883	19.1732	5.55353	1
cg18912965	RPS6KA5;RPS6KA5	0.0645314	0.1808	0.707904	-1.41262	0.1413242	0.513192	1.63115	0.0133859	0.163115	6.13115	0.0338978	0.633132	1.63132	0.0094458	0.2033367	-4.9195	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03241725	DTX4	0.0646076	0.0922504	0.63999	-1.56252	0.810916	1.05942	1.05942	0.0115932	0.467631	-2.13844	0.856381	0.957308	-1.0446	0.282979	0.764398	-1.30822	0.230952	1.35342	1.35342	0.0508806	1.70859	1.70859	0.24577	1.33958	1.33958	0.43657	1.21064	1.21064	3.06738	2.81772	0.816539	1
cg01114900	CTNNA1	0.064609	0.202806	2.52726	2.52726	0.0352929	5.42211	5.42211	0.0366586	5.33449	5.33449	0.0577677	4.39025	4.39025	0.546582	1.52306	1.52306	0.692831	0.760504	-1.31492	0.132885	3.05902	3.05902	0.0151462	7.82782	7.82782	0.304707	0.48049	-2.08121	3.06736	23.1001	6.69418	1
cg09372999	KCNJ16;KCNJ16;KCNJ16	0.06461	0.0246178	0.648414	-1.54222	0.0150942	0.616715	-1.62149	0.0457533	0.69026	-1.44873	0.327141	0.848968	-1.1779	0.0189885	0.631465	-1.58362	0.338674	0.852456	-1.17308	0.595549	1.09058	1.09058	0.0982947	0.745662	-1.34109	0.49966	0.89502	-1.11729	3.06734	1.27273	0.368825	1
cg17754943	ARHGAP25;ARHGAP25;ARHGAP25;ARHGAP25	0.0646102	0.850669	0.947136	-1.05582	0.108434	0.603723	-1.65639	0.0111298	0.399668	-2.50208	0.324801	0.746007	-1.34047	0.0305451	0.480744	-2.08011	0.523816	1.20463	1.20463	0.0365455	0.496477	-2.01419	0.34321	1.32498	1.32498	0.192479	0.671982	-1.48813	3.06734	4.03441	1.16914	1
cg04824304	PTGER4;PTGER4	0.0646106	0.591946	1.26469	1.26469	0.172923	1.87656	1.87656	0.00167485	7.02941	7.02941	0.348992	1.51957	1.51957	0.842674	1.09007	1.09007	0.27177	0.608658	-1.64296	0.901309	0.947582	-1.05532	0.196017	1.81012	1.81012	0.425756	1.4233	1.4233	3.06733	9.14993	2.65158	1
cg18551892	FZD4	0.0646118	0.145799	0.795106	-1.25769	0.653908	0.93589	-1.0685	0.582442	1.08494	1.08494	0.829295	0.968796	-1.03221	0.925147	0.986298	-1.01389	0.465003	1.11536	1.11536	0.00194115	0.525349	-1.9035	0.432377	0.889016	-1.12484	0.267216	1.18495	1.18495	3.06731	1.04716	0.303463	1
cg05494073	HSPA1L	0.0646125	0.432544	0.778434	-1.28463	0.134082	0.603356	-1.6574	0.236812	1.47344	1.47344	0.882778	0.954909	-1.04722	0.0357881	0.46584	-2.14666	0.905145	1.03798	1.03798	0.710322	1.12375	1.12375	0.209891	0.661507	-1.5117	0.00428274	0.302747	-3.30309	3.06729	4.75061	1.37671	1
cg08315145	INPPL1	0.0646134	0.828863	0.922222	-1.08434	0.119574	1.88088	1.88088	0.00536343	3.94137	3.94137	0.351676	1.43119	1.43119	0.0880547	0.494562	-2.02199	0.41136	1.36916	1.36916	0.450306	1.33338	1.33338	0.0490224	2.31771	2.31771	0.546031	1.25675	1.25675	3.06728	6.79631	1.96955	1
cg09828538	SERGEF	0.0646158	0.905337	0.976491	-1.02407	0.103338	0.700291	-1.42798	0.224646	0.774878	-1.29053	0.421279	1.17855	1.17855	0.426548	0.850147	-1.17627	0.0708286	1.49726	1.49726	0.0126503	1.85859	1.85859	0.932466	0.983195	-1.01709	0.0896526	0.687869	-1.45376	3.06723	1.94245	0.562927	1
cg17793354	CXCR7	0.064618	0.745511	1.15373	1.15373	0.907543	0.950264	-1.05234	0.345281	0.652577	-1.53239	0.914013	0.953679	-1.04857	0.00115617	0.12292	-8.13537	0.634689	1.2339	1.2339	0.227283	0.573168	-1.74469	0.959163	0.977767	-1.02274	0.478507	0.728779	-1.37216	3.06719	9.36639	2.71443	1
cg22400959	MEGF6	0.0646199	0.178718	0.597987	-1.67228	0.0436669	0.434003	-2.30413	0.0580759	0.462566	-2.16186	0.507604	0.785105	-1.27371	0.00844147	0.29804	-3.35526	0.791401	0.909003	-1.10011	0.0163685	0.347785	-2.87534	0.802932	0.913935	-1.09417	0.07527	0.490247	-2.03979	3.06715	6.29267	1.82367	1
cg15945999	EHBP1L1	0.06462	0.892287	1.04565	1.04565	0.516295	0.805081	-1.24211	0.0578016	0.493288	-2.02721	0.0453851	0.469476	-2.13004	0.0284087	0.426467	-2.34485	0.25584	1.47813	1.47813	0.052292	2.0692	2.0692	0.967857	0.986813	-1.01336	0.211188	0.647929	-1.54338	3.06715	5.27223	1.52794	1
cg10094651	IGFBP3;IGFBP3	0.0646202	0.465058	1.2675	1.2675	0.108132	1.74871	1.74871	0.258702	1.45604	1.45604	0.238993	1.48168	1.48168	0.0291068	0.440465	-2.27033	0.206976	0.654218	-1.52854	0.0386136	0.465902	-2.14638	0.3019	0.711058	-1.40635	0.226164	1.4996	1.4996	3.06715	4.93796	1.43107	1
cg15834072	DCHS2;DCHS2	0.0646205	0.0452391	42.3343	42.3343	0.488475	3.15028	3.15028	0.5852	2.45632	2.45632	0.0825773	22.9866	22.9866	0.195217	9.33558	9.33558	0.051912	36.8297	36.8297	0.0183848	106.095	106.095	0.0178023	109.688	109.688	0.0233501	82.9536	82.9536	3.06714	129.144	37.4273	1
cg09322984	LRRC16A	0.0646215	0.106071	0.805313	-1.24175	0.420229	1.1063	1.1063	0.375384	0.8944	-1.11807	0.691683	1.05011	1.05011	0.00395681	1.60871	1.60871	0.0634436	1.29179	1.29179	0.523574	1.08253	1.08253	0.338373	1.1287	1.1287	0.646569	1.05827	1.05827	3.06712	0.730978	0.211846	1
cg10296238	C21orf56;C21orf56	0.0646219	0.0265186	0.0946447	-10.5658	0.633262	1.53869	1.53869	0.0245422	0.0906133	-11.0359	0.602009	1.60271	1.60271	0.670382	1.46787	1.46787	0.11594	0.216162	-4.62616	0.0357377	0.111839	-8.94145	0.053494	0.140009	-7.14242	0.131275	0.232102	-4.30844	3.06712	39.0381	11.3137	1
cg22593785	C1RL;LOC283314	0.0646237	0.953256	0.99069	-1.0094	0.724254	0.945051	-1.05814	0.517169	0.900519	-1.11047	0.367518	0.86269	-1.15916	0.560959	0.91046	-1.09835	0.00789937	0.580622	-1.72229	0.0136268	0.614505	-1.62733	0.0164874	0.626573	-1.59598	0.177803	0.795733	-1.2567	3.06708	1.23671	0.358418	1
cg10369242	KRT7	0.0646249	0.215994	0.453308	-2.20601	0.121731	2.77133	2.77133	0.466946	1.56798	1.56798	0.289205	1.95127	1.95127	0.0042737	0.0980226	-10.2017	0.686159	1.27996	1.27996	0.161874	0.403504	-2.47829	0.572291	1.41441	1.41441	0.947575	0.960833	-1.04076	3.06706	17.9343	5.19767	1
cg20496134	FAM128B	0.0646249	0.549528	0.950843	-1.0517	0.993937	1.00063	1.00063	0.844693	1.01646	1.01646	0.0510725	0.831142	-1.20316	0.901829	1.01033	1.01033	0.687738	1.03421	1.03421	0.0166023	1.27573	1.27573	0.0137217	0.775953	-1.28874	0.692814	1.0336	1.0336	3.06706	0.33659	0.0975498	1
cg01878839	C17orf44	0.0646252	0.256071	0.866046	-1.15467	0.37995	0.896764	-1.11512	0.105117	1.24156	1.24156	0.482543	1.09005	1.09005	0.143163	1.21136	1.21136	0.303747	1.13776	1.13776	0.0237096	1.39754	1.39754	0.332048	0.885879	-1.12882	0.0135252	1.46402	1.46402	3.30391	0.743948	0.175134	1
cg23620622	ALS2CR4;ALS2CR4	0.0646257	0.956919	0.991947	-1.00812	0.0380534	1.43319	1.43319	0.00527594	1.7341	1.7341	0.741208	1.05085	1.05085	0.312213	1.16937	1.16937	0.823886	1.03392	1.03392	0.0931478	0.758472	-1.31844	0.741738	0.951708	-1.05074	0.2014	1.22376	1.22376	3.06705	1.08813	0.315362	1
cg14582550	C9orf3	0.064627	0.282315	2.18681	2.18681	0.0380145	5.3899	5.3899	0.0422163	5.14949	5.14949	0.0713983	4.09662	4.09662	0.366943	0.522514	-1.91383	0.0185523	7.38471	7.38471	0.100545	3.5249	3.5249	0.0330345	5.73012	5.73012	0.390765	1.85125	1.85125	3.06702	23.8248	6.90496	1
cg03446012	AKAP12;AKAP12	0.0646274	0.0829057	0.423412	-2.36177	0.209905	1.80655	1.80655	0.903726	0.947282	-1.05565	0.00586101	5.02426	5.02426	0.317573	0.629774	-1.58787	0.0878402	0.430336	-2.32377	0.714086	0.848155	-1.17903	0.975645	0.98643	-1.01376	0.683942	0.832614	-1.20104	3.06701	9.73043	2.8201	1
cg03995631	BTLA;BTLA	0.064629	0.7621	0.919432	-1.08763	0.344273	0.763744	-1.30934	0.0117341	0.418537	-2.38927	0.126915	0.633341	-1.57893	0.0707494	1.7483	1.7483	0.685715	1.11914	1.11914	0.123252	1.58713	1.58713	0.475754	1.22218	1.22218	0.137648	0.642541	-1.55632	3.06698	3.71799	1.07757	1
cg24373760	LGR5	0.0646316	0.139052	0.792831	-1.2613	0.138645	1.26165	1.26165	0.606862	1.07861	1.07861	0.388488	0.879099	-1.13753	0.851837	1.02764	1.02764	0.00873185	0.614395	-1.62762	0.453386	1.1178	1.1178	0.837524	0.970507	-1.03039	0.043205	1.40367	1.40367	3.06693	1.03251	0.299253	1
cg20026737	C12orf50	0.0646323	0.0854089	0.426382	-2.34531	0.914472	0.952982	-1.04934	0.983812	1.00914	1.00914	0.983642	0.990852	-1.00923	0.0156841	0.265091	-3.77229	0.201895	0.546581	-1.82955	0.00885656	0.224573	-4.45289	0.0396027	0.344094	-2.90618	0.123664	0.473543	-2.11174	3.06692	9.76103	2.82905	1
cg07357987	SGPP2	0.0646344	0.760021	1.04277	1.04277	0.0120964	1.53361	1.53361	0.0270814	1.43	1.43	0.401058	1.12466	1.12466	0.97558	0.995825	-1.00419	0.771117	0.960912	-1.04068	0.656506	0.940651	-1.06309	0.210705	1.19754	1.19754	0.0111045	1.54528	1.54528	3.06688	0.907492	0.263023	1
cg26317899	ACACA;ACACA;ACACA;ACACA;ACACA	0.0646346	0.585602	0.87214	-1.14661	0.0125846	0.462527	-2.16204	0.619324	0.882982	-1.13253	0.301624	1.30464	1.30464	0.00702464	0.420617	-2.37746	0.267437	1.33252	1.33252	0.532731	0.854695	-1.17001	0.900335	1.03162	1.03162	0.445111	0.824132	-1.2134	3.06688	2.99915	0.86926	1
cg00578414	ANKLE2	0.064635	0.387149	1.10106	1.10106	0.984098	1.00217	1.00217	0.769157	1.03248	1.03248	0.0220265	1.34753	1.34753	0.546421	1.06853	1.06853	0.617744	1.05616	1.05616	0.0875398	1.22732	1.22732	0.0343075	0.764789	-1.30755	0.0512981	0.785837	-1.27253	3.06687	0.572889	0.166044	1
cg04669077	CDK2AP2	0.064636	0.0090088	0.56843	-1.75923	?	?	?	0.482452	1.12912	1.12912	0.0243043	0.633375	-1.57884	0.179052	1.27484	1.27484	0.903776	0.979636	-1.02079	0.449787	0.877207	-1.13998	0.182102	0.785902	-1.27242	0.625603	0.919752	-1.08725	3.10827	1.26634	0.407411	1
cg11642377	NXPH1	0.064636	0.0383015	22.0203	22.0203	0.976104	1.03933	1.03933	0.0336991	24.3998	24.3998	0.0556216	16.3383	16.3383	0.612253	0.517713	-1.93157	0.993304	0.989249	-1.01087	0.358855	0.296656	-3.37091	0.0208356	35.9651	35.9651	0.080192	12.1823	12.1823	3.06685	80.5768	23.3542	1
cg07427642	COL23A1	0.0646388	0.042445	0.231666	-4.31655	0.0490077	0.244978	-4.082	0.825416	0.870871	-1.14828	0.275882	0.491951	-2.03272	0.178443	0.408718	-2.44667	0.0511079	0.249006	-4.01597	0.00696626	0.112514	-8.88781	0.659994	1.31925	1.31925	0.0713091	0.283472	-3.52769	3.0668	19.0243	5.51405	1
cg06930252	SBF1	0.0646396	0.698551	0.918597	-1.08862	0.0895145	1.50448	1.50448	0.728847	1.07888	1.07888	0.0126087	1.96744	1.96744	0.378819	1.21774	1.21774	0.0215135	0.547463	-1.82661	0.190488	1.3532	1.3532	0.286876	1.27288	1.27288	0.456284	1.18003	1.18003	3.06678	2.31208	0.670142	1
cg12671202	EPS8	0.0646412	0.994457	0.998968	-1.00103	0.014565	0.639317	-1.56417	0.204854	0.819643	-1.22004	0.18994	1.22924	1.22924	0.139234	0.789312	-1.26693	0.0189935	0.655587	-1.52535	0.25349	1.19399	1.19399	0.471214	0.896763	-1.11512	0.201182	0.818167	-1.22225	3.06675	1.07354	0.311162	1
cg02634712	GATA6	0.0646412	0.0559559	0.768117	-1.30189	0.855245	1.0225	1.0225	0.805229	0.970346	-1.03056	0.820349	0.972665	-1.0281	0.999172	1.00013	1.00013	0.836437	1.02551	1.02551	0.484235	0.917031	-1.09048	0.0244444	1.38633	1.38633	0.00847696	1.50602	1.50602	3.06675	0.721077	0.209002	1
cg16589802	LOC400891;P2RX6P	0.0646427	0.0397475	0.303733	-3.29236	0.640504	0.790001	-1.26582	0.313561	0.593103	-1.68605	0.0796802	0.377266	-2.65065	0.00616122	0.166831	-5.99409	0.315382	0.594347	-1.68252	0.0316228	0.282821	-3.53581	0.0417892	0.308508	-3.2414	0.960657	0.97558	-1.02503	3.06672	12.2001	3.53619	1
cg10677372	DPP6;DPP6;DPP6	0.064643	0.0412167	0.0640215	-15.6197	0.42107	0.38317	-2.60981	0.650358	1.70328	1.70328	0.598284	1.85989	1.85989	0.0343516	0.0560909	-17.8282	0.15171	0.166541	-6.00454	0.00947841	0.0215696	-46.3615	0.623865	1.78039	1.78039	0.0808016	0.104372	-9.58113	3.06672	66.1575	19.1758	1
cg02391906	LPPR1	0.0646445	0.206585	1.27944	1.27944	0.0352214	0.635256	-1.57417	0.121604	0.733117	-1.36404	0.650382	1.08807	1.08807	0.0150275	1.73834	1.73834	0.128616	1.35502	1.35502	0.73792	1.06409	1.06409	0.344573	1.19733	1.19733	0.331663	1.20355	1.20355	3.06669	1.66204	0.481746	1
cg14855874	BANK1;BANK1	0.0646447	0.0897594	4.99974	4.99974	0.036645	8.07942	8.07942	0.0896671	5.00252	5.00252	0.893419	0.891059	-1.12226	0.0270733	9.50495	9.50495	0.0895498	5.00606	5.00606	0.464409	0.526912	-1.89785	0.0214206	10.7874	10.7874	0.0953319	4.83941	4.83941	3.06669	35.9613	10.4235	1
cg07124480	SH3GLB1	0.0646448	0.766072	1.06838	1.06838	0.0105529	2.04041	2.04041	0.810483	0.948138	-1.0547	0.494932	0.857592	-1.16606	0.0613268	0.626666	-1.59575	0.0812976	1.53476	1.53476	0.508265	1.16041	1.16041	0.072792	1.55843	1.55843	0.407359	0.828713	-1.20669	3.06669	2.38674	0.691803	1
cg12094006	FAM167A	0.0646461	0.0712853	0.607376	-1.64643	0.499527	0.843961	-1.18489	0.495635	1.18677	1.18677	0.572394	0.868323	-1.15164	0.591753	0.874597	-1.14338	0.0206801	0.501771	-1.99294	0.0490692	1.74382	1.74382	0.834937	1.053	1.053	0.0510271	1.73337	1.73337	3.06666	2.97531	0.86241	1
cg01795082	ATP11A;ATP11A	0.0646479	0.561713	0.905716	-1.1041	0.211032	1.24909	1.24909	0.460042	0.880776	-1.13536	0.753141	1.05469	1.05469	0.845208	0.967548	-1.03354	0.179683	1.27191	1.27191	0.00396776	0.52006	-1.92286	0.368387	1.16875	1.16875	0.100469	0.738084	-1.35486	3.06663	1.38353	0.401027	1
cg13796218	MAD2L2;C1orf187	0.06465	0.0457903	0.48155	-2.07663	0.660864	0.868578	-1.15131	0.978356	0.991379	-1.0087	0.133567	0.596648	-1.67603	0.129844	0.593202	-1.68577	0.144203	1.64982	1.64982	0.0110893	0.361883	-2.76333	0.066025	0.517796	-1.93126	0.112342	0.575968	-1.73621	3.06659	4.94691	1.43392	1
cg19699140	LECT1;LECT1	0.0646505	0.168398	1.93074	1.93074	0.00277462	6.35474	6.35474	0.909481	1.0523	1.0523	0.340876	0.644078	-1.55261	0.554322	1.30747	1.30747	0.33853	0.642615	-1.55614	0.34096	0.644131	-1.55248	0.174063	1.91201	1.91201	0.498065	1.36113	1.36113	3.06658	9.75787	2.82845	1
cg13960352	CKM	0.0646525	0.71657	1.05902	1.05902	0.0380744	1.45958	1.45958	0.0180547	1.57103	1.57103	0.949709	0.990128	-1.00997	0.484708	0.894331	-1.11815	0.0504296	1.42006	1.42006	0.063754	0.72052	-1.38789	0.526058	0.903891	-1.10633	0.994641	1.00106	1.00106	3.06654	1.20141	0.348248	1
cg12334488	GDF7	0.064653	0.209138	2.06987	2.06987	0.440665	0.64914	-1.5405	0.960824	0.973369	-1.02736	0.0736575	2.99156	2.99156	0.215362	2.04749	2.04749	0.214755	2.04964	2.04964	0.0290548	4.11152	4.11152	0.0041843	8.2358	8.2358	0.422718	1.56831	1.56831	3.06653	14.6658	4.25115	1
cg20173259	LHB	0.0646532	0.0265563	0.435545	-2.29597	0.0157554	2.56158	2.56158	0.37154	1.32773	1.32773	0.193778	1.53233	1.53233	0.289251	0.711457	-1.40557	0.458186	1.2625	1.2625	0.730605	0.899045	-1.11229	0.312911	0.724076	-1.38107	0.142015	1.63436	1.63436	3.3033	4.8495	1.14184	1
cg27529555	KLHDC8A;KLHDC8A	0.0646539	0.0595893	0.526115	-1.90072	0.0122062	0.389347	-2.5684	0.200913	0.664951	-1.50387	0.682381	1.13234	1.13234	0.111598	0.592465	-1.68786	0.0887058	0.567096	-1.76337	0.125983	0.606455	-1.64893	0.0119365	0.387652	-2.57964	0.88525	0.957316	-1.04459	3.06651	4.43167	1.28461	1
cg11988531	AHCTF1	0.0646544	0.278828	0.754185	-1.32593	0.649191	0.891595	-1.12158	0.248273	0.739042	-1.3531	0.00722193	0.419542	-2.38355	0.132643	0.665948	-1.50162	0.0563626	0.581959	-1.71833	0.346987	0.784561	-1.2746	0.454194	1.21048	1.21048	0.0132977	0.463683	-2.15664	3.06651	3.04876	0.883745	1
cg23712884	PXDNL	0.0646551	0.287022	0.801439	-1.24776	0.12672	0.718393	-1.392	0.0588137	0.652263	-1.53312	0.536248	0.882145	-1.1336	0.00558877	0.482597	-2.07212	0.693273	0.923699	-1.0826	0.176185	1.33365	1.33365	0.233047	0.778521	-1.28449	0.0529953	0.643866	-1.55312	3.06649	1.94687	0.564344	1
cg14999947	ZBTB9	0.0646562	0.924624	0.939792	-1.06407	0.153163	0.366495	-2.72855	0.69111	0.769451	-1.29963	0.0602843	4.01641	4.01641	0.865293	0.894568	-1.11786	0.247169	0.452027	-2.21225	0.692004	1.29858	1.29858	0.00587294	10.6528	10.6528	0.204672	0.415518	-2.40663	3.06647	20.912	6.06184	1
cg10324316	PAX7;PAX7;PAX7	0.0646573	0.739389	1.18359	1.18359	0.1401	0.448676	-2.22878	0.076972	2.69909	2.69909	0.62263	1.28459	1.28459	0.633045	0.784385	-1.27488	0.00936162	5.27909	5.27909	0.13706	2.24475	2.24475	0.026278	3.78363	3.78363	0.612896	1.29381	1.29381	3.06645	12.3798	3.58859	1
cg23500444	UBAC2;UBAC2;UBAC2	0.0646576	0.767406	0.920986	-1.08579	0.0519537	0.541367	-1.84717	0.0259664	0.480227	-2.08235	0.358881	0.769655	-1.29928	0.713201	1.10788	1.10788	0.849955	0.9488	-1.05396	0.0164772	2.25509	2.25509	0.139949	0.643572	-1.55383	0.359123	0.769763	-1.2991	3.06645	3.74024	1.08421	1
cg08552233	AMOTL2	0.064659	0.0488453	0.306163	-3.26623	0.0626498	0.332115	-3.011	0.0294756	0.259507	-3.85346	0.0967575	0.383177	-2.60976	0.0294528	0.259441	-3.85444	0.0436105	0.295032	-3.38946	0.461783	1.48317	1.48317	0.0765349	0.354648	-2.8197	0.132045	0.425164	-2.35203	3.06642	13.445	3.89743	1
cg21634842	MPHOSPH6	0.0646592	0.0642827	0.870426	-1.14886	0.077163	1.14016	1.14016	0.562383	1.03987	1.03987	0.670251	1.029	1.029	0.0278265	1.18951	1.18951	0.175668	0.908354	-1.10089	0.121663	1.11852	1.11852	0.422291	0.946754	-1.05624	0.0863202	1.13483	1.13483	3.06641	0.216397	0.062729	1
cg20899053	MNX1;MNX1;MNX1	0.0646606	0.602624	0.943506	-1.05988	0.948638	1.00716	1.00716	0.99504	1.00069	1.00069	0.349706	0.898909	-1.11246	0.452829	1.08836	1.08836	0.0800655	0.806543	-1.23986	0.004648	0.659168	-1.51706	0.0786672	1.24137	1.24137	0.472406	1.08428	1.08428	3.06639	0.595245	0.17255	1
cg03953196	COX4NB;COX4NB	0.0646609	0.998391	1.00033	1.00033	0.0142681	1.62893	1.62893	0.27538	1.20105	1.20105	0.517602	1.11172	1.11172	0.956661	1.00881	1.00881	0.973884	1.0053	1.0053	0.0039828	1.8682	1.8682	0.349968	0.85614	-1.16803	0.95622	1.0089	1.0089	3.06638	1.26579	0.366929	1
cg17245862	DYNLT1	0.0646612	0.369914	1.16947	1.16947	0.93151	1.01472	1.01472	0.728262	0.942424	-1.06109	0.144279	0.76594	-1.30559	0.795661	0.956838	-1.04511	0.00270479	0.494361	-2.02281	0.0445009	0.675509	-1.48036	0.733398	0.943532	-1.05985	0.597394	1.09485	1.09485	3.06638	1.40372	0.406915	1
cg07707875	CNPY1	0.0646615	0.407402	0.787501	-1.26984	0.0182761	2.24217	2.24217	0.405078	1.27142	1.27142	0.319177	0.748117	-1.33669	0.521123	1.20121	1.20121	0.350104	1.31143	1.31143	0.328196	0.752398	-1.32908	0.00971141	2.51467	2.51467	0.140294	1.56396	1.56396	3.06637	3.85897	1.11865	1
cg07334717	GLUD1;FAM35A	0.0646626	0.745829	0.955208	-1.04689	0.358137	0.875341	-1.14241	0.951184	0.991411	-1.00866	0.804377	0.965638	-1.03558	0.449996	0.897217	-1.11456	0.0766549	1.31976	1.31976	0.0118764	1.55655	1.55655	0.021334	1.47669	1.47669	0.0989776	1.29028	1.29028	3.06635	0.964091	0.279475	1
cg11156672	MYH10	0.0646634	0.791642	0.938687	-1.06532	0.149574	1.44664	1.44664	0.0103294	2.16441	2.16441	0.926506	1.02229	1.02229	0.457874	0.834722	-1.198	0.42264	1.2162	1.2162	0.00597764	2.36024	2.36024	0.392554	1.23284	1.23284	0.250773	1.33213	1.33213	3.06634	2.77353	0.804009	1
cg04344190	WWOX;WWOX	0.0646639	0.0249974	0.247926	-4.03346	0.0560774	3.10039	3.10039	0.167193	2.15977	2.15977	0.705089	0.81969	-1.21997	0.870453	0.918192	-1.0891	0.330326	1.69095	1.69095	0.168906	0.464633	-2.15223	0.38365	0.626789	-1.59543	0.0441122	3.35168	3.35168	3.06633	13.28	3.84971	1
cg02948236	NAE1;NAE1;NAE1	0.0646642	0.542882	0.925654	-1.08032	0.258144	1.15952	1.15952	0.615306	1.06562	1.06562	0.655702	1.0579	1.0579	0.0643693	0.77054	-1.29779	0.646759	1.05959	1.05959	0.00315515	0.602881	-1.6587	0.617914	1.06511	1.06511	0.480547	1.09411	1.09411	3.06632	0.764087	0.221499	1
cg01510332	MGC2752	0.0646645	0.159489	0.791132	-1.26401	0.389885	1.14719	1.14719	0.845629	1.03084	1.03084	0.0454111	0.699322	-1.42996	0.701788	0.941803	-1.06179	0.528436	0.905258	-1.10466	0.273836	1.19419	1.19419	0.334816	1.16767	1.16767	0.00672435	1.72929	1.72929	3.06632	1.17953	0.341931	1
cg17499041	PPARD;PPARD	0.0646659	0.168371	1.28428	1.28428	0.0203974	1.61025	1.61025	0.0292931	1.54907	1.54907	0.0833898	0.721324	-1.38634	0.103409	1.35472	1.35472	0.0987176	1.36151	1.36151	0.50221	0.890405	-1.12308	0.629775	1.08631	1.08631	0.709105	1.06596	1.06596	3.06629	1.41088	0.409	1
cg25757598	RALYL;RALYL;RALYL;RALYL;RALYL	0.0646678	0.339188	0.761377	-1.31341	0.0582976	0.553141	-1.80786	0.0518584	0.542122	-1.8446	0.450087	0.808172	-1.23736	0.0475985	0.534196	-1.87197	0.372265	0.776075	-1.28854	0.0236681	0.473527	-2.11181	0.00674211	0.378291	-2.64347	0.0931949	0.599853	-1.66708	3.06625	3.7192	1.07817	1
cg15604158	ZNF610;ZNF610;ZNF610;ZNF610	0.0646689	0.36464	0.765666	-1.30605	0.851841	1.05505	1.05505	0.66802	1.13164	1.13164	0.617913	0.865766	-1.15505	0.0433659	0.513774	-1.94638	0.00899385	0.385938	-2.59109	0.304999	1.3559	1.3559	0.361682	0.764333	-1.30833	0.0592719	1.84107	1.84107	3.06623	3.98972	1.1566	1
cg11073255	VARS	0.0646707	0.0298394	0.277271	-3.60658	0.89488	1.06859	1.06859	0.479341	1.43458	1.43458	0.845692	0.906848	-1.10272	0.0250608	0.262483	-3.80976	0.913839	1.05582	1.05582	0.00774527	0.17971	-5.56452	0.124866	0.434434	-2.30185	0.616423	0.776117	-1.28847	3.0662	12.2297	3.54538	1
cg02902313	NOTCH4	0.0646715	0.205534	1.2179	1.2179	0.0235762	0.670949	-1.49043	0.25943	0.840593	-1.18964	0.453371	0.893383	-1.11934	0.297534	1.17281	1.17281	0.01057	0.622083	-1.6075	0.307971	0.855769	-1.16854	0.726532	0.949494	-1.05319	0.0779744	0.748954	-1.3352	3.06618	1.05794	0.306696	1
cg03367493	GSDMD;GSDMD	0.0646716	0.0550831	0.325301	-3.07407	0.0141332	0.209372	-4.77619	0.0244901	0.250653	-3.98958	0.912249	0.94467	-1.05857	0.0690498	0.349788	-2.85888	0.689611	1.23034	1.23034	0.0900019	0.381036	-2.62442	0.0857916	0.375167	-2.66548	0.0727341	0.35569	-2.81143	3.06618	12.9467	3.75326	1
cg01130406	ANK2;ANK2	0.0646721	0.184139	1.2214	1.2214	0.00644071	1.65368	1.65368	0.132248	1.25938	1.25938	0.0454475	1.385	1.385	0.347937	1.14704	1.14704	0.0964511	1.29576	1.29576	0.181585	0.817656	-1.22301	0.651909	0.937568	-1.06659	0.721117	1.0522	1.0522	3.06617	0.978628	0.283706	1
cg11176853	PGBD5	0.0646744	0.466295	0.724197	-1.38084	0.0618707	2.49738	2.49738	0.740516	1.15564	1.15564	0.93686	0.966103	-1.03509	0.0671284	0.409364	-2.44282	0.68234	1.19616	1.19616	0.0178341	0.28549	-3.50274	0.0426674	2.76133	2.76133	0.674038	0.831823	-1.20218	3.06613	9.20015	2.66718	1
cg25232795	SLC36A1	0.0646745	0.0290492	0.179977	-5.55627	0.601042	0.703517	-1.42143	0.624107	0.7195	-1.38985	0.0550721	0.234628	-4.26206	0.0448144	0.215443	-4.6416	0.0583206	0.240264	-4.16209	0.00959035	0.112376	-8.89869	0.905417	1.08245	1.08245	0.0763337	0.268667	-3.72209	3.06613	21.5739	6.25439	1
cg21358438	RUNX1;RUNX1;RUNX1	0.0646747	0.0274772	0.445043	-2.24698	0.872215	1.05124	1.05124	0.596095	0.846986	-1.18066	0.434757	1.28072	1.28072	0.0659211	0.526996	-1.89755	0.0598507	1.93328	1.93328	0.0297104	2.21316	2.21316	0.933226	1.02636	1.02636	0.569942	1.19514	1.19514	3.06612	4.68054	1.35692	1
cg08247938	COL5A2	0.0646748	0.00903895	0.106174	-9.41854	0.0861977	0.277692	-3.60111	0.304571	0.487446	-2.05151	0.133968	0.33544	-2.98116	0.0113128	0.11722	-8.53095	0.132843	0.334214	-2.9921	0.068291	0.251685	-3.97323	0.96226	0.968527	-1.0325	0.0883287	0.280583	-3.56401	3.06612	22.1807	6.43034	1
cg21475610	CCNG2	0.0646752	0.948299	0.969223	-1.03175	0.0114338	4.59856	4.59856	0.232371	1.82897	1.82897	0.115058	2.28421	2.28421	0.120108	0.4436	-2.25428	0.0544097	2.86381	2.86381	0.988132	0.992855	-1.0072	0.051586	2.90987	2.90987	0.175814	2.00151	2.00151	3.06611	11.285	3.27159	1
cg09727245	CDKAL1	0.0646776	0.00995092	0.555462	-1.8003	0.798455	0.954838	-1.0473	0.684727	0.928927	-1.07651	0.459694	1.14564	1.14564	0.0095769	0.552955	-1.80847	0.33935	0.837058	-1.19466	0.285147	1.22202	1.22202	0.558618	1.11274	1.11274	0.288487	0.819535	-1.2202	3.06607	1.58402	0.459225	1
cg14277543	FAM129B;FAM129B	0.0646792	0.361205	1.19497	1.19497	0.0348302	0.62701	-1.59487	0.0515472	0.656674	-1.52282	0.372233	0.84042	-1.18988	0.225307	0.785314	-1.27338	0.0594853	0.667857	-1.49733	0.0858084	1.43377	1.43377	0.338733	1.2058	1.2058	0.145497	0.74333	-1.3453	3.06604	1.74883	0.50701	1
cg21406113	KIF21B	0.0646805	0.584711	1.17963	1.17963	0.464412	1.24969	1.24969	0.764836	1.09396	1.09396	0.749938	1.10045	1.10045	0.050765	0.513639	-1.94689	0.0296347	0.464657	-2.15213	0.0081401	0.362769	-2.75658	0.419225	1.28026	1.28026	0.366301	0.75742	-1.32027	3.06602	4.35125	1.2615	1
cg05181282	PAFAH1B1	0.0646814	0.102883	0.821231	-1.21768	0.871001	0.982222	-1.0181	0.0448285	1.2894	1.2894	0.338773	0.896881	-1.11498	0.161139	0.847735	-1.17961	0.762692	0.967128	-1.03399	0.0723152	1.24778	1.24778	0.238393	0.872579	-1.14603	0.0354064	1.31044	1.31044	3.066	0.591563	0.171505	1
cg07326768	KLHL25	0.0646818	0.62269	0.931117	-1.07398	0.0322345	1.43464	1.43464	0.0503754	1.37847	1.37847	0.797766	1.03764	1.03764	0.22052	0.830806	-1.20365	0.554858	0.917637	-1.08976	0.0348826	0.701991	-1.42452	0.113242	0.780331	-1.28151	0.398069	1.1326	1.1326	3.06599	1.0056	0.291542	1
cg17527975	DENND3	0.0646827	0.435176	0.788226	-1.26867	0.510072	0.818968	-1.22105	0.0189488	0.427723	-2.33796	0.206246	0.671341	-1.48956	0.903287	1.037	1.037	0.332695	1.34807	1.34807	0.0124138	2.53467	2.53467	0.309334	1.36951	1.36951	0.422642	0.782863	-1.27736	3.06597	4.33776	1.25761	1
cg01212965	GSTCD;INTS12;INTS12;GSTCD	0.0646828	0.618197	0.9619	-1.03961	0.0103018	1.28392	1.28392	0.654578	0.965785	-1.03543	0.0113671	0.782728	-1.27758	0.826618	0.983184	-1.0171	0.340906	0.926936	-1.07882	0.372323	0.931641	-1.07337	0.349715	0.928285	-1.07726	0.60815	1.04079	1.04079	3.06597	0.290203	0.084136	1
cg05188868	ENC1	0.0646829	0.539042	0.44404	-2.25205	0.552851	2.18965	2.18965	0.0540577	17.3635	17.3635	0.0577374	16.4606	16.4606	0.590655	0.492219	-2.03161	0.763075	0.673916	-1.48387	0.672278	0.573824	-1.74269	0.0107309	65.7139	65.7139	0.0284824	29.2158	29.2158	3.06597	82.7446	23.9894	1
cg17907238	HES4;HES4	0.0646844	0.162642	2.18348	2.18348	0.00592178	0.15168	-6.59282	0.373612	1.61366	1.61366	0.172303	0.467155	-2.14062	0.0707461	0.347178	-2.88036	0.860978	1.09619	1.09619	?	?	?	0.700735	0.816832	-1.22424	0.511072	0.705237	-1.41796	3.10734	12.0074	3.86421	1
cg00428601	CCNI2	0.0646854	0.0404825	12.7119	12.7119	0.0178149	22.0941	22.0941	0.0570133	10.1152	10.1152	0.0671125	9.07064	9.07064	0.154988	5.13157	5.13157	0.215043	4.06471	4.06471	0.0558223	10.2587	10.2587	0.0241146	17.9923	17.9923	0.0365586	13.6078	13.6078	3.06592	56.0645	16.2545	1
cg03064828	PPM1F	0.0646855	0.237627	0.752178	-1.32947	0.0487323	1.69109	1.69109	0.133385	1.45415	1.45415	0.915222	0.975954	-1.02464	0.0707486	0.625245	-1.59937	0.131568	0.686259	-1.45718	0.24782	0.757263	-1.32055	0.258667	1.31144	1.31144	0.0480268	1.6948	1.6948	3.3026	2.67497	0.629968	1
cg21864996	FCRLB	0.0646857	0.784897	0.938074	-1.06601	0.199906	1.37219	1.37219	0.424974	1.2097	1.2097	0.0839806	0.639689	-1.56326	0.89997	0.971044	-1.02982	0.740649	1.0807	1.0807	0.00239755	0.37215	-2.68709	0.8571	0.958759	-1.04301	0.946384	1.01584	1.01584	3.06592	2.65099	0.76859	1
cg07509646	LAPTM4A	0.0646885	0.310361	1.23634	1.23634	0.106196	0.700055	-1.42846	0.136756	1.38262	1.38262	0.295265	1.2453	1.2453	0.576756	1.12071	1.12071	0.124707	1.39926	1.39926	0.00727335	0.496724	-2.01319	0.59013	1.11617	1.11617	0.801389	0.950332	-1.05226	3.06586	1.98351	0.575081	1
cg06091640	TRMU	0.0646886	0.558394	0.897476	-1.11424	0.0496293	1.50583	1.50583	0.0311232	1.58784	1.58784	0.560245	0.897942	-1.11366	0.240103	0.798672	-1.25208	0.0686264	0.688995	-1.45139	0.222844	0.79127	-1.26379	0.201634	1.27947	1.27947	0.15706	1.31863	1.31863	3.06586	1.62199	0.470265	1
cg25259142	ZNF460	0.0646904	?	?	?	0.738953	1.33501	1.33501	?	?	?	0.856176	0.854973	-1.16963	0.562727	0.60281	-1.6589	0.898181	1.11689	1.11689	0.844094	1.18536	1.18536	0.00356048	0.0277626	-36.0196	0.0610787	0.156123	-6.40519	3.39304	30.5081	8.99138	1
cg21085160	ISCA1	0.0646926	0.048581	1.17571	1.17571	0.162634	1.11304	1.11304	0.26688	0.920248	-1.08666	0.479451	1.05301	1.05301	0.0462045	1.17835	1.17835	0.287109	0.923655	-1.08266	0.104348	1.13606	1.13606	0.955019	0.995955	-1.00406	0.0135123	1.24565	1.24565	3.06579	0.250662	0.0726765	1
cg13389209	COL5A1	0.0646935	0.0720073	0.698675	-1.43128	0.831474	1.03878	1.03878	0.0113108	0.567588	-1.76184	0.197749	0.784209	-1.27517	0.0408975	0.65616	-1.52402	0.190134	1.28115	1.28115	0.13552	0.750322	-1.33276	0.0632	0.688611	-1.4522	0.55773	0.899555	-1.11166	3.06577	1.54793	0.448806	1
cg21175623	C9orf86;C9orf86	0.0646936	0.137634	3.90922	3.90922	0.0167292	12.0661	12.0661	0.0102954	15.7513	15.7513	0.0850888	5.07051	5.07051	0.352531	2.26089	2.26089	0.222801	0.335421	-2.98133	0.266831	2.68172	2.68172	0.353991	2.25499	2.25499	0.111507	4.38451	4.38451	3.06577	35.3041	10.2361	1
cg11176256	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0646953	0.372301	1.22336	1.22336	0.0535958	0.617283	-1.62	0.626955	0.89781	-1.11382	0.632578	0.899412	-1.11184	0.351889	0.809892	-1.23473	0.628526	0.898258	-1.11327	0.0034056	0.416417	-2.40144	0.56382	1.13704	1.13704	0.212286	1.3353	1.3353	3.06574	2.352	0.681944	1
cg06858559	SRGAP3;SRGAP3	0.0646975	0.396165	1.40934	1.40934	0.773792	0.892439	-1.12053	0.075581	0.45791	-2.18384	0.00453372	4.45186	4.45186	0.31251	0.661963	-1.51066	0.466648	1.33979	1.33979	0.332125	0.673613	-1.48453	0.556373	1.26483	1.26483	0.205447	1.69469	1.69469	3.0657	7.57112	2.19522	1
cg14968860	DUSP1	0.0646978	0.360006	0.484432	-2.06427	0.676716	0.724023	-1.38117	0.247502	2.53751	2.53751	0.607725	0.671155	-1.48997	0.518847	0.604302	-1.6548	0.281515	2.36784	2.36784	0.00182013	30.3583	30.3583	0.741894	0.775278	-1.28986	0.809247	1.20473	1.20473	3.06569	28.7986	8.35007	1
cg08467261	RPGRIP1L;RPGRIP1L;FTO;FTO	0.0646987	0.383956	1.51484	1.51484	0.409865	1.47953	1.47953	0.669387	1.21952	1.21952	0.713559	1.1856	1.1856	0.00363215	0.129856	-7.70083	0.113166	0.440453	-2.27039	?	?	?	0.864756	0.92439	-1.08179	0.528752	0.744083	-1.34394	3.68412	10.4992	2.13738	1
cg08254733	CLIC1	0.0647001	0.814078	0.959301	-1.04243	0.00550314	0.525363	-1.90345	0.688139	0.931307	-1.07376	0.470974	0.878672	-1.13808	0.98923	0.997622	-1.00238	0.312117	0.831582	-1.20253	0.717078	0.937831	-1.06629	0.712816	1.06738	1.06738	0.00573585	0.527968	-1.89405	3.06565	1.51042	0.437949	1
cg19440955	GOLGA7B	0.064701	0.099911	0.824426	-1.21296	0.0171983	0.732806	-1.36462	0.885855	0.984736	-1.0155	0.901559	0.986836	-1.01334	0.838418	0.978372	-1.02211	0.807633	0.974216	-1.02647	0.100256	0.824618	-1.21268	0.0168171	1.3667	1.3667	0.493716	1.07727	1.07727	3.06563	0.556783	0.161441	1
cg24102491	EME1;EME1;MRPL27	0.0647022	0.240307	0.907413	-1.10203	0.229346	1.10482	1.10482	0.880341	0.988166	-1.01198	0.884808	0.988609	-1.01152	0.00213184	0.711019	-1.40643	0.710712	1.02988	1.02988	0.101262	0.867787	-1.15236	0.927842	1.00718	1.00718	0.872384	1.01279	1.01279	3.06561	0.303229	0.0879229	1
cg08559361	PDZD8	0.0647031	0.00856865	0.237181	-4.21618	0.0579941	2.50804	2.50804	0.706562	1.17619	1.17619	0.835646	1.09323	1.09323	0.0378777	0.355925	-2.80958	0.774913	1.13091	1.13091	0.686092	1.19046	1.19046	0.639349	1.22448	1.22448	0.316012	1.56022	1.56022	3.06559	8.93908	2.59195	1
ch.19.332523F	GTF2F1	0.0647041	0.192657	0.638841	-1.56533	0.142725	1.66862	1.66862	0.070298	1.93	1.93	?	?	?	0.765487	0.90736	-1.1021	0.0823667	0.535069	-1.86892	0.0212961	0.406783	-2.45831	0.240469	0.670726	-1.49092	0.598003	1.18878	1.18878	3.10696	4.61968	1.48688	1
cg04880138	AP2A2	0.0647045	0.146108	2.63776	2.63776	0.009005	7.88021	7.88021	0.0298208	4.90005	4.90005	0.0694749	3.53347	3.53347	0.161302	0.394576	-2.53437	0.270716	2.03983	2.03983	0.43681	1.63741	1.63741	0.176128	2.44508	2.44508	0.181316	2.41612	2.41612	3.06556	18.7622	5.44028	1
cg13083679	B4GALT6	0.0647077	0.812213	0.865591	-1.15528	0.36135	1.76664	1.76664	0.713823	0.799805	-1.25031	0.637754	0.750035	-1.33327	0.121274	0.360995	-2.77012	0.282026	0.507615	-1.97	0.00168545	0.0657183	-15.2165	0.875351	0.909184	-1.09989	0.14651	0.388595	-2.57338	3.0655	17.8587	5.17839	1
cg01462349	PTPRN2;PTPRN2;PTPRN2	0.0647091	0.131759	0.717795	-1.39316	0.0692766	0.660867	-1.51316	0.0414443	0.619234	-1.6149	0.602301	0.898391	-1.1131	0.481147	0.864212	-1.15712	0.573953	0.890671	-1.12275	0.0135823	1.86338	1.86338	0.832044	0.957639	-1.04423	0.109312	0.700578	-1.42739	3.06548	2.01663	0.584757	1
cg00985729	IER3	0.0647096	0.182467	0.482133	-2.07412	0.0476857	3.21424	3.21424	0.08432	2.67672	2.67672	0.258122	1.83752	1.83752	0.243934	0.533346	-1.87495	0.525659	1.39318	1.39318	0.024297	3.99202	3.99202	0.0320745	3.65002	3.65002	0.466571	1.46523	1.46523	3.06547	12.9072	3.74268	1
cg08578245	LTC4S	0.0647107	0.844361	1.08951	1.08951	0.63947	0.814008	-1.22849	0.547895	1.30372	1.30372	0.245205	1.69923	1.69923	0.328854	0.644323	-1.55202	0.00426167	5.30175	5.30175	0.0207031	3.37014	3.37014	0.167682	1.89916	1.89916	0.506064	1.34217	1.34217	3.06545	9.23617	2.67821	1
cg08882904	NACC1	0.0647122	0.252744	0.507495	-1.97046	0.224879	0.484917	-2.06221	0.341057	0.572901	-1.7455	0.3588	0.585234	-1.70872	0.0186386	0.198042	-5.04942	0.0702243	0.316921	-3.15536	0.00393889	0.110547	-9.04596	0.616754	0.750901	-1.33173	0.0524744	0.285937	-3.49727	3.06542	15.6508	4.53829	1
cg16488174	MST1P2	0.0647124	0.0146807	0.53639	-1.86432	0.797938	1.05464	1.05464	0.195683	0.752953	-1.3281	0.211333	0.761053	-1.31397	0.0537257	0.634955	-1.57491	0.351738	0.819781	-1.21984	0.0665939	0.652777	-1.53192	0.0135965	0.530945	-1.88343	0.441756	1.17662	1.17662	3.06542	2.08746	0.605306	1
cg05191454	CCND3;CCND3;CCND3;CCND3	0.064713	0.290417	1.1878	1.1878	0.589608	1.08918	1.08918	0.685967	1.06584	1.06584	0.459163	0.888494	-1.1255	0.0289467	1.49771	1.49771	0.75932	0.95294	-1.04938	0.00950899	0.59732	-1.67414	0.383369	1.15052	1.15052	0.123163	0.769531	-1.29949	3.0654	1.19457	0.346394	1
cg02351406	SNORD114-20;SNORD114-21	0.0647134	0.0084552	0.463689	-2.15662	0.921536	1.02278	1.02278	0.0323906	0.56407	-1.77283	0.0702834	0.629713	-1.58803	0.0428603	0.586986	-1.70362	0.764826	0.933723	-1.07098	0.633818	0.896108	-1.11594	0.0306798	0.559723	-1.7866	0.30317	0.783656	-1.27607	3.0654	2.53657	0.735542	1
cg17619755	VARS	0.0647138	0.424096	0.764501	-1.30804	0.340839	0.724066	-1.38109	0.519345	0.806652	-1.23969	0.61782	0.847503	-1.17994	0.155277	0.606388	-1.64911	0.402615	0.754463	-1.32545	0.00178095	0.231531	-4.31907	0.490471	1.2591	1.2591	0.0550414	0.488914	-2.04535	3.06539	5.25292	1.52322	1
cg11860616	UBLCP1	0.0647152	0.710593	1.1547	1.1547	0.013391	0.306635	-3.26121	0.0240585	0.353975	-2.82506	0.353936	1.44495	1.44495	0.799056	0.906243	-1.10346	0.0717248	2.17274	2.17274	0.548336	1.26416	1.26416	0.509211	1.29488	1.29488	0.399441	1.39502	1.39502	3.06536	7.23094	2.09682	1
cg15975171	SLC6A18	0.0647165	0.576213	1.25664	1.25664	0.0895297	0.468924	-2.13254	0.139896	0.525936	-1.90137	0.933061	0.966585	-1.03457	0.0191369	0.317582	-3.1488	0.724802	0.866758	-1.15372	0.0209489	0.325012	-3.07681	0.886003	1.05975	1.05975	0.0157497	0.302067	-3.31052	3.06534	7.94566	2.30409	1
cg02759846	CLEC11A	0.0647168	0.0100626	0.507014	-1.97233	?	?	?	0.179663	1.34718	1.34718	0.0539993	0.632934	-1.57994	0.160499	0.730881	-1.36821	0.239734	1.2936	1.2936	0.315125	0.804762	-1.2426	0.775907	0.942066	-1.0615	0.249328	0.777418	-1.28631	3.10671	1.91251	0.615606	1
cg11245806	LAPTM4A	0.0647205	0.688118	1.14367	1.14367	0.00734409	3.15707	3.15707	0.0113345	2.87153	2.87153	0.214386	1.54477	1.54477	0.887753	0.954101	-1.04811	0.882346	0.951926	-1.0505	0.568911	0.825682	-1.21112	0.35786	0.730101	-1.36967	0.235607	1.51213	1.51213	3.06526	5.37334	1.5582	1
cg00734724	INO80	0.0647211	0.753111	0.942839	-1.06063	0.943396	1.01333	1.01333	0.0448261	1.5366	1.5366	0.331678	0.829592	-1.20541	0.187791	1.29741	1.29741	0.00635762	0.515523	-1.93978	0.301403	1.22107	1.22107	0.646201	1.09004	1.09004	0.30842	1.21732	1.21732	3.06525	1.68921	0.489852	1
cg24607686	GLS	0.0647213	0.0913687	0.45751	-2.18575	0.558634	0.779763	-1.28244	0.219202	0.58074	-1.72194	0.746613	1.14609	1.14609	0.662278	0.831232	-1.20303	0.899609	0.948301	-1.05452	0.00229911	0.166623	-6.00157	0.586264	1.26004	1.26004	0.0621754	0.4135	-2.41838	3.06525	8.5877	2.49034	1
cg03403539	NUPL2;NUPL2	0.0647236	0.759792	0.974507	-1.02616	0.149694	1.1389	1.1389	0.432734	1.06974	1.06974	0.915992	0.991154	-1.00892	0.0205461	1.26486	1.26486	0.934334	1.00696	1.00696	0.775961	0.97626	-1.02432	0.00675687	0.74404	-1.34401	0.773558	1.02459	1.02459	3.0652	0.34422	0.0998215	1
cg14873022	ZNF827	0.0647238	0.229706	0.619299	-1.61473	0.0178481	2.9885	2.9885	0.079767	2.09433	2.09433	0.921001	0.962987	-1.03844	0.847777	1.0758	1.0758	0.227999	1.61785	1.61785	0.0332248	2.57632	2.57632	0.0952868	2.00737	2.00737	0.192921	0.592217	-1.68857	3.0652	7.01745	2.03502	1
cg02341264	AGRN	0.0647239	0.00685886	0.347182	-2.88034	0.209695	1.49104	1.49104	0.303639	1.37978	1.37978	0.789463	0.922321	-1.08422	0.310226	0.728134	-1.37337	0.183785	0.653062	-1.53125	0.0216119	0.434532	-2.30133	0.458365	0.795997	-1.25629	0.559983	0.836866	-1.19493	3.0652	4.43223	1.28532	1
cg04111314	EGR4	0.0647248	0.3479	1.11591	1.11591	0.0771807	0.797962	-1.25319	0.209178	1.16272	1.16272	0.127429	1.20742	1.20742	0.837402	1.02349	1.02349	0.547095	1.0714	1.0714	0.00933754	0.679054	-1.47264	0.166735	1.18319	1.18319	0.40616	0.908154	-1.10113	3.30174	0.653354	0.153908	1
cg27004801	BRD1	0.0647249	0.694801	1.41734	1.41734	0.0669979	6.14785	6.14785	0.881978	0.876863	-1.14043	0.896096	1.12251	1.12251	0.470369	0.522266	-1.91473	0.53746	0.575621	-1.73725	0.0028885	0.0266805	-37.4806	0.316647	2.49852	2.49852	0.618749	1.55853	1.55853	3.06518	37.9821	11.0146	1
cg07321681	CEP55;CEP55	0.0647265	0.284763	1.30534	1.30534	0.0759656	1.60576	1.60576	0.051144	1.70342	1.70342	0.240895	0.744955	-1.34236	0.204528	0.725368	-1.37861	0.480799	0.842094	-1.18752	0.0199418	0.509822	-1.96147	0.293851	1.29838	1.29838	0.547351	0.864131	-1.15723	3.06515	2.79193	0.809656	1
cg16030878	TBC1D16	0.0647286	0.876725	0.972002	-1.0288	0.009347	1.8276	1.8276	0.416488	0.859064	-1.16406	0.429084	0.862716	-1.15913	0.199574	0.780421	-1.28136	0.615366	0.911493	-1.0971	0.047366	1.51438	1.51438	0.164172	1.31199	1.31199	0.195303	0.77836	-1.28475	3.06511	1.62448	0.471103	1
cg12138346	CASP9;CASP9	0.0647289	0.886253	0.929751	-1.07556	0.149603	2.19505	2.19505	0.0404395	3.33494	3.33494	0.479373	0.693561	-1.44183	0.522805	0.719224	-1.39039	0.406522	0.649139	-1.5405	0.00525343	0.153637	-6.50887	0.872778	1.08497	1.08497	0.650202	1.26153	1.26153	3.06511	12.5712	3.64569	1
cg18150584	ID3	0.0647304	0.0129985	0.100227	-9.97731	0.942656	0.947725	-1.05516	0.725547	0.768702	-1.30089	0.869672	0.884657	-1.13038	0.00652939	0.0715292	-13.9803	0.695129	1.34172	1.34172	0.410666	0.533708	-1.87368	0.873399	1.12639	1.12639	0.0389103	0.167904	-5.95578	3.06508	27.0402	7.8418	1
cg00700455	MIR548D1;FRRS1	0.0647305	0.199002	0.654602	-1.52765	0.726781	1.11574	1.11574	0.00375934	0.294889	-3.3911	0.648849	0.866639	-1.15388	0.176857	0.638785	-1.56547	0.012321	0.37793	-2.64599	0.970213	1.01173	1.01173	0.863778	0.947799	-1.05508	0.540537	0.824122	-1.21341	3.06508	4.73182	1.37225	1
cg15545827	ZNF331;ZNF331	0.0647306	0.187922	0.446462	-2.23983	0.398228	1.64849	1.64849	0.855128	0.899764	-1.1114	0.936603	1.04705	1.04705	0.818312	0.875485	-1.14222	0.867392	1.10139	1.10139	0.00399227	9.35806	9.35806	0.0472033	0.269194	-3.71479	0.541479	0.69963	-1.42933	3.06507	16.2127	4.70179	1
cg21344124	RHOBTB2;RHOBTB2;RHOBTB2;RHOBTB2	0.0647314	0.78768	1.05566	1.05566	0.330646	0.81758	-1.22312	0.826965	0.957025	-1.0449	0.686813	1.08472	1.08472	0.492334	0.869433	-1.15018	0.00149841	0.399207	-2.50497	0.270752	1.25869	1.25869	0.597095	1.11297	1.11297	0.740154	0.935402	-1.06906	3.06506	1.95424	0.566744	1
cg06749480	PBX1	0.0647323	0.498742	0.869614	-1.14994	0.0214597	0.570026	-1.75431	0.136787	0.721752	-1.38552	0.332722	0.816049	-1.22542	0.208862	1.30931	1.30931	0.231545	1.29083	1.29083	0.0602448	1.53901	1.53901	0.190341	1.32596	1.32596	0.181467	0.749326	-1.33453	3.06504	2.00904	0.582638	1
cg14283059	KIAA1430	0.064734	0.376346	0.932294	-1.07262	0.631259	1.03805	1.03805	0.0265923	1.22502	1.22502	0.492472	0.94759	-1.05531	0.0483348	1.19032	1.19032	0.728891	0.973488	-1.02723	0.709594	0.971525	-1.02931	0.0870058	1.15713	1.15713	0.012937	1.26903	1.26903	3.06501	0.289487	0.0839547	1
cg22536808	MMACHC;MMACHC;CCDC163P	0.0647366	0.117794	0.0778105	-12.8517	0.488492	2.84912	2.84912	0.0113638	131.203	131.203	0.145499	10.4384	10.4384	0.152758	0.100541	-9.94618	0.334477	0.226647	-4.41215	0.890537	1.22678	1.22678	0.0486304	30.3765	30.3765	0.904951	1.194	1.194	3.30149	112.761	26.5646	1
cg06526620	FUT4	0.0647392	0.151068	1.81765	1.81765	0.0660909	2.22702	2.22702	?	?	?	0.494292	1.30938	1.30938	0.0906855	2.06239	2.06239	0.089267	2.07034	2.07034	0.00377356	4.56299	4.56299	0.0854357	2.09258	2.09258	0.447336	1.3509	1.3509	3.10628	6.59552	2.12328	1
cg20207890	FHL3	0.0647409	0.0413165	0.619812	-1.61339	0.845595	0.961149	-1.04042	0.534271	0.879917	-1.13647	0.0204031	0.566649	-1.76476	0.212959	0.76599	-1.3055	0.36696	1.20728	1.20728	0.00648727	0.487158	-2.05272	0.555993	0.885999	-1.12867	0.879752	1.03125	1.03125	3.06488	2.00512	0.581534	1
cg19916330	PLEKHH1	0.0647415	0.176667	1.98459	1.98459	0.373984	1.54575	1.54575	0.0977023	0.420158	-2.38006	0.361174	0.638929	-1.56512	0.00720447	0.191053	-5.23414	0.128169	0.456185	-2.19209	0.168361	2.01482	2.01482	0.819851	0.896856	-1.11501	0.387441	0.655235	-1.52617	3.06487	11.055	3.20622	1
cg08183303	NME4	0.0647417	0.240696	1.33283	1.33283	0.0152149	2.00833	2.00833	0.0133854	2.04728	2.04728	0.0257902	1.85751	1.85751	0.0555451	1.66116	1.66116	0.885538	1.03427	1.03427	0.592872	1.13455	1.13455	0.228999	1.34351	1.34351	0.0631901	1.63031	1.63031	3.06487	2.65576	0.770238	1
cg17988830	PLA2G2A;PLA2G2A;PLA2G2A;PLA2G2A	0.0647422	0.0425197	0.451828	-2.21323	0.162848	1.65982	1.65982	0.0752236	0.509768	-1.96168	0.796492	1.09188	1.09188	0.00505663	0.283409	-3.52847	0.948181	0.978135	-1.02235	0.66302	0.861455	-1.16083	0.958083	1.01804	1.01804	0.813986	1.08347	1.08347	3.06486	5.61578	1.62872	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg06457824	NT5C3;NT5C3	0.0647435	0.0340586	0.690498	-1.44823	0.31508	0.855966	-1.16827	0.0470358	0.711557
cg22706106	C1orf77;S100A13	0.0647436	0.0296219	0.387574	-2.58015	0.0277148	0.381653	-2.62018	0.995206	1.00223
cg08460226	SNORD2;EIF4A2	0.0647438	0.156729	0.421339	-2.37339	0.303662	1.8366	1.8366	0.134434	2.51172
cg03289901	CHPF2	0.0647482	0.21835	1.51994	1.51994	0.247045	0.676119	-1.47903	0.651927	1.15816
cg03551406	MT1X	0.0647494	0.00783014	0.270187	-3.70114	0.408641	0.723221	-1.3827	0.476464	0.757606
cg09529065	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.0647509	0.822036	0.939014	-1.06495	0.00830354	0.389668	-2.56629	0.0376206	0.509851
cg05654164	C1orf52;C1orf52	0.0647522	0.541562	1.22491	1.22491	0.304376	0.705257	-1.41792	0.00687306	3.15481
cg04477681	CABP4	0.0647526	0.113393	0.461333	-2.16763	0.0456168	0.357265	-2.79904	0.0244847	0.300148
cg16431720	HLA-DQA1	0.0647528	0.518204	0.634708	-1.57553	0.26944	0.450171	-2.22138	0.170247	0.362896
cg08826080	PDIA5;PDIA5	0.0647559	0.0376275	0.648804	-1.5413	0.038572	0.650601	-1.53704	0.186519	0.777862
cg21932293	EHD1;EHD1	0.0647561	0.310456	1.23513	1.23513	0.825746	1.04537	1.04537	0.25745	1.26847
cg06840283	MYO5C	0.0647572	0.0300532	0.738697	-1.35373	0.689916	1.04875	1.04875	0.345046	0.89098
cg12104945	ARHGEF17	0.0647574	0.131983	0.728897	-1.37194	0.0385875	0.627493	-1.59364	0.547636	1.12564
cg10347418	ZNF436;ZNF436	0.0647583	0.0829706	0.367042	-2.72449	0.735574	0.837799	-1.1936	0.132974	0.428982
cg20621459	KCNAB1;KCNAB1	0.0647608	0.718168	0.930214	-1.07502	0.487169	1.15131	1.15131	0.429614	0.851351
cg02531033	THBS2	0.0647616	0.132325	0.408158	-2.45003	0.0967763	0.365746	-2.73414	0.191635	0.466407
cg07352757	ATP11A;ATP11A	0.0647616	0.0938148	0.52451	-1.90654	0.341686	1.40933	1.40933	0.180316	1.64586
cg20578783	CCDC88B	0.0647617	0.466097	0.74866	-1.33572	0.344662	0.683945	-1.4621	0.0400568	0.396123
cg23634193	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0647619	0.134608	0.225344	-4.43766	0.24458	0.324831	-3.07852	0.0206945	0.0762812
cg10407113	AP1G1;AP1G1	0.0647622	0.537656	0.741263	-1.34905	0.0326387	3.31824	3.31824	0.404893	1.50507
cg15339616	ST20;ST20	0.0647622	0.202235	0.531069	-1.883	0.00323154	0.151323	-6.60837	0.0471277	0.343751
cg25353930	NRG1	0.064765	0.106902	0.777975	-1.28539	0.127267	0.790392	-1.26519	0.705441	0.947276
cg12664649	C6orf142	0.0647651	0.759692	0.887275	-1.12705	0.589081	0.808487	-1.23688	0.676822	1.17751
cg21898424	VMO1;VMO1;VMO1;VMO1;VMO1;VMO1;VMO1;VMO1	0.0647652	0.0734597	0.418734	-2.38815	0.343309	1.53085	1.53085	0.0811229	2.32443
cg05756780	IL6R;IL6R	0.0647669	0.102354	0.272802	-3.66567	0.00902282	0.089622	-11.158	0.00762072	0.0826464
cg26298855	CRTAC1	0.0647671	0.153092	0.544371	-1.83698	0.0231984	0.340047	-2.94077	0.375642	0.696701
cg13678009	SWAP70	0.0647676	0.107302	1.64053	1.64053	0.0377071	1.9715	1.9715	0.0481699	1.88882
cg17668781	FAM55A	0.0647696	0.0194455	0.226842	-4.40835	0.075148	0.353259	-2.83078	0.0369226	0.280114
cg01253826	TRAK2;TRAK2;STRADB	0.06477	0.0214326	0.590031	-1.69483	0.0408773	0.637279	-1.56917	0.749042	0.940569
cg15080939	VARS2;VARS2;VARS2;GTF2H4	0.0647703	0.767062	1.06438	1.06438	0.211587	1.31841	1.31841	0.0192369	1.81276
cg18056600	ZMYND15;CXCL16;CXCL16;ZMYND15	0.064774	0.670561	1.33739	1.33739	0.0706346	3.94556	3.94556	0.154131	2.81938
cg15536663	EPB41L4A	0.0647742	0.0648303	0.481387	-2.07733	0.136629	0.568159	-1.76007	0.161134	0.589989
cg01190919	GMEB2	0.0647744	0.154397	1.34485	1.34485	0.478265	1.15041	1.15041	0.343606	0.827278
cg02311725	HCK	0.0647747	0.317783	1.4639	1.4639	0.00729771	3.5854	3.5854	0.417203	1.35796
cg00695854	WDR4;WDR4	0.0647758	0.659123	0.931641	-1.07337	0.0034611	1.88341	1.88341	0.100723	1.33209
cg08112356	FOXJ2	0.0647761	0.739293	1.12402	1.12402	0.0123576	2.97531	2.97531	0.0490049	2.19631
cg26422469	TMEM105	0.0647761	0.140006	0.800875	-1.24863	0.568581	0.922576	-1.08392	0.645722	0.937318
cg22594071	PLSCR5;PLSCR5	0.0647764	0.085661	0.46462	-2.1523	0.0186785	0.31656	-3.15896	0.0394833	0.382493
cg24880701	LBXCOR1	0.0647764	0.0579407	29.9151	29.9151	0.113633	15.32	15.32	0.256874	6.52818
cg14359824	C9orf135	0.064778	0.0500975	12.0107	12.0107	0.0545788	11.3203	11.3203	0.0621867	10.3434
cg00452530	ZC3H13	0.0647782	0.0426537	1.52737	1.52737	0.0921313	0.714284	-1.4	0.0734413	0.696115
cg15494117	TERC	0.0647787	0.979045	1.01346	1.01346	0.726324	0.836167	-1.19593	0.0538712	3.04789
cg08905662	NAPEPLD;NAPEPLD	0.064779	0.783388	1.04736	1.04736	0.189651	1.26276	1.26276	0.804407	1.04255
cg10746542	SSTR1	0.064779	0.845149	1.11893	1.11893	0.0267543	4.5187	4.5187	0.242701	2.01905
cg25995724	FABP5;FABP5	0.0647806	0.0250211	17.0067	17.0067	0.118729	6.04801	6.04801	0.186221	4.43405
cg15002204	CENPQ;MUT	0.0647838	0.054285	0.239794	-4.17025	0.0168966	0.148756	-6.7224	0.168297	0.382918
cg10544696	ADARB2	0.0647838	0.175184	1.86006	1.86006	0.0107925	3.96884	3.96884	0.869503	0.931672
cg15485378	ITIH3	0.0647855	0.132827	0.6298	-1.58781	0.179772	0.66618	-1.5011	0.105822	0.604319
cg11706790	NEU4;NEU4	0.0647875	0.933104	0.952165	-1.05024	0.926512	1.05534	1.05534	0.141571	0.397368
cg12536028	KLKB1;KLKB1	0.0647877	0.0430487	0.326272	-3.06492	0.542562	0.743376	-1.34521	0.736868	0.850234
cg07413830	GEMIN8;GEMIN8;GEMIN8	0.0647885	0.120656	1.97867	1.97867	0.657145	1.19855	1.19855	0.00874529	3.87344
cg25946605	CYS1	0.0647888	0.609801	1.30844	1.30844	0.755282	0.849338	-1.17739	0.195666	0.489316
cg21777280	IGLL3	0.0647896	0.167258	1.37082	1.37082	0.523176	0.870554	-1.14869	0.0027788	0.413284
cg05069431	TPD52L3;TPD52L3;TPD52L3	0.0647902	0.859667	0.948511	-1.05428	0.143774	0.625513	-1.59869	0.0498634	0.512659
cg09099830	ITGAL;ITGAL	0.0647926	0.26004	1.82005	1.82005	0.365215	1.6068	1.6068	0.589796	1.31975
cg25027699	ANO4	0.0647935	0.0530079	0.284846	-3.51067	0.67573	0.786417	-1.27159	0.431782	0.632394
cg01632300	SYNE1;SYNE1	0.0647942	0.178274	2.33165	2.33165	0.0539031	3.77466	3.77466	0.209384	2.1832
cg19937480	PRDX1;PRDX1;PRDX1	0.0647948	0.440788	1.24827	1.24827	?	?	?	0.0106567	0.391819
cg19902122	MUC2	0.0647973	0.683295	0.839779	-1.19079	0.00187729	0.153068	-6.53306	0.469002	1.36837
cg01157146	TMPRSS2;TMPRSS2	0.0647986	0.316042	0.698423	-1.4318	0.196859	0.623481	-1.6039	0.0108129	0.330075
cg05907986	CSNK2B	0.0647991	0.111707	0.688505	-1.45242	0.646532	0.905303	-1.1046	0.0170882	1.87078
cg11697038	AHDC1	0.0648004	0.106704	0.380626	-2.62725	0.307487	1.78486	1.78486	0.45691	0.660012
cg02906725	C13orf27	0.0648021	0.115676	1.54625	1.54625	0.123998	0.654068	-1.52889	0.221476	0.720704
cg14792008	SNRNP70	0.0648054	0.801252	1.04138	1.04138	0.00433955	1.84551	1.84551	0.16604	1.26799
cg08450168	RAB42	0.0648079	0.320853	0.830871	-1.20356	0.378398	1.17734	1.17734	0.116241	1.36118
cg11103623	HESX1	0.0648095	0.121586	0.52911	-1.88997	0.341189	0.689351	-1.45064	0.0113635	0.300611
cg12573502	KCNQ1;KCNQ1	0.0648109	0.457564	0.786385	-1.27164	0.330718	0.727006	-1.3755	0.21946	0.663516
cg01262667	TM6SF2	0.0648114	0.899648	0.946558	-1.05646	0.65074	0.820032	-1.21946	0.732719	1.16094
cg23059725	WDR35;WDR35	0.0648137	0.647908	0.954841	-1.04729	0.00396422	0.677467	-1.47609	0.28115	0.893526
cg20896113	RFX4;RFX4	0.0648138	0.0646387	0.163372	-6.12099	0.111872	0.220622	-4.53264	0.0313567	0.110331
cg27454589	THSD4	0.064815	0.913057	0.969954	-1.03098	0.430989	0.79891	-1.25171	0.122546	0.626641
cg05472265	HBS1L;HBS1L;HBS1L;HBS1L;HBS1L;HBS1L	0.0648181	0.165234	1.29942	1.29942	0.127688	1.33835	1.33835	0.78685	1.04913
cg11850639	PDE4A	0.0648181	0.350036	1.21167	1.21167	0.309125	0.810508	-1.23379	0.0951651	1.44193
cg09395318	GLB1L3	0.0648186	0.300674	0.817942	-1.22258	0.461869	1.15068	1.15068	0.19842	1.29006
cg25032547	TTTY15	0.0648191	0.679308	0.790689	-1.26472	0.144648	2.42329	2.42329	0.136748	2.47341
cg12258864	GBF1	0.0648202	0.0920893	0.598241	-1.67157	0.196675	1.45968	1.45968	0.986169	1.00481
cg04730254	ACSF3;ACSF3;ACSF3	0.0648225	0.304982	0.864825	-1.1563	0.330928	0.871839	-1.147	0.336507	0.873298
cg16533373	DUSP15;TTLL9;DUSP15;DUSP15;DUSP15	0.0648241	0.0896084	0.758567	-1.31827	0.990029	0.998157	-1.00185	0.0434866	1.40891
cg24118151	GTSF1L;GTSF1L;GTSF1L	0.0648242	0.291382	0.798837	-1.25182	0.334677	0.815374	-1.22643	0.335546	0.815692
cg00510025	NFIC;NFIC	0.064825	0.410826	1.28073	1.28073	0.0020291	3.59779	3.59779	0.725238	1.1094
cg17185823	FAM167A	0.0648254	0.00954678	0.456065	-2.19267	0.365124	1.24929	1.24929	0.929521	0.979063
cg17772789	SIGLEC9	0.0648256	0.0660804	0.452902	-2.20798	0.111609	0.513907	-1.94588	0.00766661	0.268049
cg02759670	PTPN23	0.0648262	0.482641	0.925081	-1.08099	0.715084	1.04082	1.04082	0.162673	1.17664
cg27395839	RORA;RORA;RORA;RORA	0.0648277	0.976312	1.00454	1.00454	0.882331	0.977671	-1.02284	0.00523015	1.75362
cg12355813	NRCAM;NRCAM;NRCAM	0.0648305	0.270302	0.543394	-1.84029	0.244148	0.523363	-1.91072	0.0505642	0.306067
cg05746014	SOBP	0.0648307	0.0106806	0.166577	-6.00322	0.00844987	0.152897	-6.54037	0.055519	0.297624
cg07995114	NUP160	0.0648321	0.88848	1.02078	1.02078	0.0543666	0.726111	-1.3772	0.0278661	1.46377
cg00643896	GCOM1;GCOM1;GCOM1;GCOM1	0.0648327	0.356206	1.2211	1.2211	0.0174046	0.54364	-1.83945	0.547353	1.13675
cg24974130	RAD50;RAD50;RAD50;RAD50	0.0648346	0.284426	1.17716	1.17716	0.0683433	1.34898	1.34898	0.479115	0.899841
cg06846895	WDR70	0.0648348	0.221104	1.68175	1.68175	0.0291686	2.82579	2.82579	0.477052	0.746627
cg06002524	C14orf43;C14orf43	0.0648348	0.024471	0.443341	-2.2556	0.200607	1.50719	1.50719	0.395045	1.30259
cg24146100	DOCK9;DOCK9	0.0648359	0.17805	2.10596	2.10596	0.0265453	3.92879	3.92879	0.0841016	2.70371
cg26722446	PDCD11;USMG5	0.0648365	?	?	?	0.144717	1.61909	1.61909	0.0153264	2.49826
cg25515319	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.0648377	0.11634	0.623441	-1.604	0.0273688	0.485423	-2.06006	0.006607	0.376674
cg22904711	KCNN4	0.0648409	0.100715	8.31813	8.31813	0.437899	0.393608	-2.5406	0.202257	4.88617
cg07110232	XRCC3;XRCC3;XRCC3;KLC1;KLC1	0.0648411	0.176221	1.73983	1.73983	0.0463925	2.40779	2.40779	0.00566667	4.04656
cg16448126	RILPL2	0.0648416	0.833197	1.03897	1.03897	0.432933	0.864961	-1.15612	0.0599534	0.680631
cg02330121	SLC35F1	0.0648439	0.0570992	0.45915	-2.17794	0.798769	1.09678	1.09678	0.505357	1.27685
cg09951047	C9orf3;MIR24-1	0.0648444	0.558706	1.3466	1.3466	0.171797	2.07925	2.07925	0.253553	0.54879
cg04665180	FREQ	0.0648444	0.983014	1.00217	1.00217	0.598503	1.05567	1.05567	0.117132	1.18952
cg03649589	CSGALNACT1;CSGALNACT1;CSGALNACT1	0.0648472	0.33241	0.640611	-1.56101	0.182589	0.532617	-1.87752	0.0891128	0.433866
cg23922520	AGAP1;AGAP1	0.0648475	0.233261	0.68872	-1.45197	0.44254	1.26318	1.26318	0.554776	1.19513
cg08602075	HNRNPUL1	0.0648494	0.719856	0.955437	-1.04664	0.693561	1.0514	1.0514	0.717051	0.954978
cg22028181	CYFIP1	0.0648518	0.142937	0.607539	-1.64598	0.288539	1.41727	1.41727	0.96217	0.9851
cg15271026	TMPRSS6	0.0648533	0.468015	1.23388	1.23388	0.435485	1.25414	1.25414	0.169517	1.51667
cg15794859	TCF21	0.0648537	0.822242	0.832642	-1.201	0.0528905	5.99427	5.99427	0.359812	2.15183
cg11336938	MICB	0.0648545	0.320135	0.562563	-1.77758	0.542435	0.708027	-1.41238	0.120303	0.389226
cg20121513	GUSBL2	0.0648549	0.361696	1.14434	1.14434	0.0646875	0.742017	-1.34768	0.192957	0.82027
cg02415020	SMYD3;SMYD3	0.064857	0.0288658	0.149596	-6.68467	0.0223821	0.132997	-7.51894	0.203262	0.371523
cg20855565	TRIM58	0.0648571	0.111212	3.11806	3.11806	0.953969	1.03856	1.03856	0.56082	0.680139
cg25213795	LRRC2;LRRC2	0.0648579	0.131762	0.263933	-3.78884	0.640919	0.680716	-1.46904	0.0181417	0.0954495
cg00827596	APLF	0.0648591	0.359116	0.77119	-1.2967	0.526186	0.837804	-1.1936	0.130581	0.63771
cg16599703	GRIK3	0.0648595	0.437994	0.887141	-1.12722	0.0529736	0.716849	-1.39499	0.746061	1.05041
cg15541049	ANKRD16;FBXO18;ANKRD16;ANKRD16	0.0648612	0.106469	1.31569	1.31569	0.780477	1.04445	1.04445	0.163913	1.26012
cg21438018	MSH4	0.0648632	0.407441	1.2059	1.2059	0.284768	1.27826	1.27826	0.0366061	1.71024
cg18888652	WNT4	0.0648677	0.190578	0.705683	-1.41707	0.188488	1.41968	1.41968	0.0435641	1.79254
cg26294718	ARHGEF6	0.0648681	0.0174882	0.276811	-3.61257	0.247201	0.584326	-1.71137	0.106672	0.457384
cg21530890	SOX8	0.0648686	0.125117	0.731344	-1.36735	0.0295103	1.62104	1.62104	0.0989204	1.40633
cg12278631	FAF1	0.0648689	0.457218	1.17246	1.17246	0.0476122	0.621215	-1.60975	0.532216	1.1422
cg00087420	CSMD2	0.0648709	0.282304	1.12875	1.12875	0.710671	0.960412	-1.04122	0.050284	0.785129
cg25469714	CUBN	0.0648747	0.0614818	0.44251	-2.25984	0.22443	0.610258	-1.63865	0.00498602	0.237322
cg01415112	CXorf39	0.0648769	0.207695	0.63432	-1.57649	0.0838326	1.92618	1.92618	0.876647	1.05466
cg01886396	CCDC115;IMP4;CCDC115	0.0648772	0.00763529	0.520373	-1.9217	0.0765655	0.687166	-1.45525	0.873562	1.0308
cg07659054	HOXA1;HOXA1	0.0648784	0.0701823	10.9456	10.9456	0.0178451	30.0852	30.0852	0.0604844	12.2113
cg05136263	SIX2	0.0648789	0.0337099	8.56946	8.56946	0.591288	0.6253	-1.59923	0.502961	1.80187
cg23081534	LRRIQ4	0.0648811	0.391986	1.24498	1.24498	0.270721	0.750876	-1.33178	0.0853209	0.621722
cg15426956	RGS7BP	0.0648815	0.0803904	0.806844	-1.2394	0.511678	0.928992	-1.07644	0.286815	0.884797
cg06937549	HNRNPH1	0.0648816	0.272981	0.715672	-1.39729	0.300081	1.37009	1.37009	0.00664694	2.80881
cg07135303	MFSD5;MFSD5	0.0648844	0.286158	0.676032	-1.47922	0.00463215	3.78655	3.78655	0.0784197	1.99572
cg08695763	RGMA;RGMA	0.0648845	0.0389745	0.763706	-1.3094	0.0281697	1.33963	1.33963	0.0791045	1.24597
cg24177452	MYO18A;MYO18A	0.0648848	0.543136	1.0902	1.0902	0.0347181	0.707936	-1.41256	0.129702	1.2582
cg24556441	SYN3	0.0648871	0.780375	1.11121	1.11121	0.143186	0.552369	-1.81038	0.778499	0.899084
cg01246664	GRAMD1B	0.0648884	0.621029	1.1351	1.1351	0.0475916	0.56207	-1.77914	0.0506473	0.567619
cg00686429	MAST3	0.0648885	0.022296	0.118782	-8.4188	0.242957	0.386559	-2.58693	0.0494813	0.174881
cg26244109	STAC3	0.06489	0.028511	0.183557	-5.44789	0.0879229	0.290755	-3.43932	0.291552	0.487812

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19092981	TBX1;TBX1;TBX1	0.0648902	0.0431394	21.0463	21.0463	0.0829889	12.3488	12.3488	0.565682	0.467497	-2.13905	0.394314	3.13455	3.13455	0.252836	4.7777	4.7777
cg13115440	LOC220729	0.0648915	0.185307	0.441523	-2.26489	0.314059	0.54555	-1.83301	0.440553	1.58054	1.58054	0.293108	1.88656	1.88656	0.0115886	0.159299	-6.2775
cg19736470	PIP5K1C	0.0648946	0.0311963	0.427256	-2.34052	0.24733	1.50203	1.50203	0.292394	0.692536	-1.44397	0.128218	0.575192	-1.73855	0.0163552	0.372645	-2.68352
cg02236650	VIM	0.0648947	0.645113	1.48366	1.48366	0.256666	0.365258	-2.73779	0.0889989	0.20278	-4.93145	0.325305	2.37268	2.37268	0.0603677	0.165008	-6.06033
cg04919081	NIPA2;NIPA2;NIPA2;NIPA2;NIPA2;NIPA2;NIPA2	0.0648972	0.347308	0.598911	-1.6697	0.0871134	2.72035	2.72035	0.147576	2.27759	2.27759	0.578692	1.34602	1.34602	0.397355	0.63186	-1.58263
cg02639380	ODF2L;ODF2L	0.0648979	0.120512	0.621491	-1.60903	0.186956	0.673626	-1.4845	0.161351	0.655428	-1.52572	0.554184	0.844514	-1.18411	0.945612	1.01946	1.01946
cg08767027	KHDRBS3;KHDRBS3	0.0648982	0.737247	0.957321	-1.04458	0.141313	1.22741	1.22741	0.14224	1.22674	1.22674	0.0121806	0.667196	-1.49881	0.727654	1.04633	1.04633
cg19270050	AXL;AXL	0.0648985	0.436994	0.869902	-1.14956	0.558921	0.901327	-1.10948	0.585816	1.10155	1.10155	0.088719	0.718889	-1.39103	0.123513	0.745841	-1.34077
cg04845144	RTN2;RTN2	0.064899	0.00699149	0.26939	-3.71209	0.0293935	0.394943	-2.53201	0.654273	1.16629	1.16629	0.160851	0.593117	-1.68601	0.0820066	0.505898	-1.97668
cg10021575	TOMM22	0.0648994	0.477882	0.912389	-1.09602	0.4975	0.9162	-1.09147	0.555113	0.926959	-1.0788	0.204599	0.843586	-1.18542	0.0103276	0.663271	-1.50768
cg13502128	TNXB	0.0649	0.291818	0.768541	-1.30117	0.0151304	2.05112	2.05112	0.210627	0.727973	-1.37368	0.203303	0.723816	-1.38157	0.57747	0.873318	-1.14506
cg22762309	OTUD6A	0.064901	0.00932644	0.167738	-5.96166	0.985171	1.01011	1.01011	0.103451	0.381309	-2.62254	0.0542305	0.306448	-3.2632	0.104051	0.382064	-2.61736
cg27648567	RFXAP	0.0649034	0.411368	0.797577	-1.2538	0.316897	1.32127	1.32127	0.0109258	0.4231	-2.36351	0.0435407	1.86813	1.86813	0.857751	1.04949	1.04949
cg09403249	DBX2	0.0649069	0.903478	1.02783	1.02783	0.14482	0.701677	-1.42516	0.0233335	1.84621	1.84621	0.210428	1.34792	1.34792	0.398445	1.21602	1.21602
cg23737049	ARHGEF7;ARHGEF7;ARHGEF7	0.0649074	0.454773	0.735777	-1.35911	0.565719	1.26362	1.26362	0.464202	0.740655	-1.35016	0.940003	1.0308	1.0308	0.00986098	0.268666	-3.7221
cg07659934	PAPSS1	0.0649127	0.83181	0.916703	-1.09087	0.962844	1.01923	1.01923	0.617631	1.22852	1.22852	0.0104452	0.267592	-3.73704	0.924389	0.961925	-1.03958
cg09769410	INO80E;HIRIP3	0.064913	0.925968	0.984158	-1.0161	0.396848	0.861505	-1.16076	0.902225	0.979104	-1.02134	0.755167	0.947671	-1.05522	0.68816	0.933024	-1.07178
cg20669525	GPAA1	0.0649134	0.36498	0.897047	-1.11477	0.733258	1.04073	1.04073	0.226615	1.15972	1.15972	0.600929	1.06354	1.06354	0.812557	1.02811	1.02811
cg23885062	SMAD4	0.064914	0.376198	0.879912	-1.13648	0.0188971	1.49263	1.49263	0.0673187	1.33485	1.33485	0.841284	0.97215	-1.02865	0.183307	1.22005	1.22005
cg07139363	ARID1B;ARID1B;ARID1B	0.0649145	0.0256994	0.31464	-3.17823	0.0951637	0.449233	-2.22602	0.601689	0.794662	-1.2584	0.809358	0.899891	-1.11125	0.0618076	0.399339	-2.50414
cg06726747	GGNBP2	0.0649153	0.365133	1.60786	1.60786	0.536808	0.726736	-1.37602	0.131716	2.29425	2.29425	0.0962828	0.393755	-2.53965	0.48348	0.69528	-1.43827
cg21453451	SOX2OT	0.0649171	0.0922947	7.60049	7.60049	0.244545	3.79091	3.79091	0.0252825	18.3856	18.3856	0.129697	6.00119	6.00119	0.132922	5.89853	5.89853
cg15056794	LOC399959;BLID	0.0649195	0.837972	1.10091	1.10091	0.518432	0.735366	-1.35987	0.595885	0.777785	-1.2857	0.627575	1.25803	1.25803	0.004138	0.164445	-6.08106
cg08214267	GPR77	0.064921	0.954844	1.01803	1.01803	0.00926657	0.352836	-2.83418	0.0123318	0.374153	-2.6727	0.714032	0.890374	-1.12312	0.26581	1.4417	1.4417
cg23216612	RINT1	0.0649214	0.172959	0.609369	-1.64104	0.460845	0.775163	-1.29005	0.0151842	0.352479	-2.83705	0.418862	0.755512	-1.32361	0.244531	0.660531	-1.51393
cg20697094	C4orf39;TRIM61	0.0649253	0.0330235	0.295132	-3.38832	0.0513206	0.337499	-2.96298	0.152389	0.472163	-2.11791	0.877296	0.927155	-1.07857	0.177807	0.496091	-2.01576
cg06247108	FAM38A	0.0649256	0.864801	1.03267	1.03267	0.0124009	1.7987	1.7987	0.816402	0.957082	-1.04484	0.0533604	1.51278	1.51278	0.698868	0.929302	-1.07608
cg25716871	MAPKAPK3	0.0649278	0.927509	1.01301	1.01301	0.375419	1.13798	1.13798	0.539302	1.09233	1.09233	0.743361	0.954391	-1.04779	0.510673	1.09944	1.09944
cg03862225	CTBP2;CTBP2	0.0649288	0.690381	0.747702	-1.33743	0.933053	1.06291	1.06291	0.688775	0.746501	-1.33958	0.606137	1.45888	1.45888	0.051529	0.200002	-4.99996
cg07042672	LOC651250	0.0649302	0.0751224	0.649739	-1.53908	0.0243188	1.79321	1.79321	0.0710138	1.55087	1.55087	0.232729	0.761655	-1.31293	0.412325	0.833294	-1.20006
cg17782706	C4orf41;RWDD4A;C4orf41	0.0649347	0.0127735	0.657644	-1.52058	0.212531	1.19469	1.19469	0.965102	0.99409	-1.00595	0.121193	0.796394	-1.25566	0.0188239	0.680086	-1.4704
cg04603419	PYY	0.0649376	0.242127	0.453786	-2.20368	0.00990207	8.19176	8.19176	0.758176	0.819294	-1.22056	0.561371	0.684527	-1.46086	0.149995	0.36934	-2.70753
cg21184859	PTHLH;PTHLH;PTHLH;PTHLH	0.064939	0.683232	0.828252	-1.20736	0.725127	1.17603	1.17603	0.718761	1.18069	1.18069	0.85413	0.918944	-1.08821	0.417492	1.4631	1.4631
cg02302089	IGF2BP3	0.0649411	0.00511257	0.340525	-2.93664	0.462654	0.804355	-1.24323	0.432407	0.791909	-1.26277	0.0907341	0.581196	-1.72059	0.46487	1.24185	1.24185
cg13702982	C9orf170	0.0649429	0.0873394	0.264753	-3.77711	0.403166	0.547529	-1.82639	0.0204292	0.139854	-7.15032	0.181293	0.368171	-2.71613	0.0223679	0.145597	-6.86827
cg08679808	LOC92659;MAFG	0.0649459	0.0271905	0.594391	-1.68239	0.492537	1.14878	1.14878	0.579307	1.11788	1.11788	0.186474	1.3214	1.3214	0.0309161	0.603958	-1.65574
cg00321115	FLT1;FLT1	0.064948	0.750835	0.957463	-1.04443	0.0996965	0.781775	-1.27914	0.0523109	0.739972	-1.3514	0.84429	0.973525	-1.02719	0.16891	0.818728	-1.22141
cg26464934	TH;TH;TH	0.0649511	0.0407642	0.36389	-2.74809	0.473152	0.731775	-1.36654	0.0694318	0.419262	-2.38514	0.363564	1.49131	1.49131	0.421969	1.42061	1.42061
cg06931356	HECW1	0.0649519	0.152955	0.725925	-1.37755	0.0206238	1.79221	1.79221	0.664464	0.912714	-1.09563	0.206248	0.756534	-1.32182	0.181799	0.743334	-1.34529
cg08064269	H3F3C	0.064952	0.114254	0.594968	-1.68076	0.0661488	0.536349	-1.86446	0.051196	0.511142	-1.9564	0.0713077	0.543989	-1.83827	0.0193128	0.425197	-2.35185
cg05010648	ELN;ELN;ELN;ELN;ELN	0.0649526	0.0545201	0.302203	-3.30904	0.597436	1.33959	1.33959	0.196456	0.472713	-2.11545	0.234771	0.504991	-1.98023	0.00596873	0.139192	-7.18432
cg09554951	KCNQ1DN	0.0649526	0.758256	0.962716	-1.03873	0.694611	0.952596	-1.04976	0.873669	1.01978	1.01978	0.00631787	1.54915	1.54915	0.14123	0.823047	-1.215
cg08878323	DLX5	0.0649533	0.0863713	0.631826	-1.58271	0.0230203	0.517427	-1.93264	0.270835	0.757415	-1.32028	0.362661	1.25452	1.25452	0.414249	0.816875	-1.22418
cg17865955	ITPR3	0.064955	0.927992	0.960691	-1.04092	0.0381364	2.90453	2.90453	0.0228674	3.34699	3.34699	0.0689401	2.46707	2.46707	0.82312	0.905443	-1.10443
cg27418434	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0649555	0.0311136	0.230903	-4.33082	0.570865	0.717608	-1.39352	0.927837	0.948874	-1.05388	0.130987	2.57208	2.57208	0.0340146	0.238457	-4.19362
cg11956052	BCAT2;BCAT2;BCAT2;BCAT2	0.0649568	0.0737701	0.515087	-1.94142	0.0283531	2.36656	2.36656	0.202699	1.56461	1.56461	0.211033	0.644924	-1.55057	0.430948	0.765243	-1.30677
cg14473904	CHD2;CHD2	0.0649578	0.271543	0.673717	-1.4843	0.00487919	3.62367	3.62367	0.0686143	2.02045	2.02045	0.768097	0.903006	-1.10741	0.209392	0.633489	-1.57856
cg02451516	RFWD3	0.064958	0.0966044	1.8488	1.8488	0.173969	1.62788	1.62788	0.0031659	3.88964	3.88964	0.0595813	2.04683	2.04683	0.0611912	2.03543	2.03543
cg06062940	PNPLA5	0.0649594	0.100489	1.45166	1.45166	0.327792	1.23274	1.23274	0.631072	1.10542	1.10542	0.313194	1.2412	1.2412	0.90506	0.975587	-1.02502
cg15830422	PDZD2	0.0649606	0.246536	0.710032	-1.40839	0.254367	1.39981	1.39981	0.0244519	2.13309	2.13309	0.339584	1.32068	1.32068	0.0730442	0.568364	-1.75944
cg26748578	SLC1A4;SLC1A4	0.0649626	0.779134	1.09862	1.09862	0.355787	0.727769	-1.37406	0.0530508	2.08638	2.08638	0.0580696	2.04756	2.04756	0.171222	0.614231	-1.62805
cg03711485	NKX2-3	0.0649628	0.0433144	0.123599	-8.09066	0.0360559	0.111552	-8.96442	0.104906	0.203098	-4.92372	0.27462	0.359691	-2.78017	0.0276312	0.096079	-10.4081
cg09793584	C1orf61;MIR9-1	0.064963	0.261277	0.624078	-1.60236	0.435109	1.37778	1.37778	0.256999	1.60979	1.60979	0.476458	0.747243	-1.33825	0.98549	0.992708	-1.00735
cg22816048	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.0649674	0.687028	0.868289	-1.15169	0.038938	2.3014	2.3014	0.0178622	2.72887	2.72887	0.701532	0.874347	-1.14371	0.251254	0.658372	-1.5189
cg06812840	SOX15	0.0649676	0.433042	1.21955	1.21955	0.0471534	0.569208	-1.75683	0.00893322	2.2822	2.2822	0.14523	1.4741	1.4741	0.455267	0.828061	-1.20764
cg04133673	LRP1B	0.0649678	0.146709	0.426581	-2.34422	0.00269156	0.103479	-9.66376	0.0589382	0.311419	-3.2111	0.695621	0.806495	-1.23993	0.158897	0.438854	-2.27866
cg23101564	PTPN9	0.0649684	0.234159	0.818679	-1.22148	0.127232	0.767536	-1.30287	0.177627	0.794679	-1.25837	0.296913	0.840737	-1.18943	0.461948	0.886806	-1.12764
cg09636525	TADA2B	0.0649686	0.511533	0.734425	-1.36161	0.00989107	4.53125	4.53125	0.00643394	5.17049	5.17049	0.999592	1.00024	1.00024	0.405813	0.67417	-1.48331
cg22473095	RBBP9	0.0649693	0.060414	0.761882	-1.31254	0.182227	1.19941	1.19941	0.0944705	1.26628	1.26628	0.0396246	0.736674	-1.35745	0.0554728	0.756711	-1.32151
cg01596171	C5orf54	0.0649718	0.419111	1.35328	1.35328	0.194292	0.604588	-1.65402	0.0448259	0.43003	-2.32542	0.233597	0.632778	-1.58033	0.01796	0.348635	-2.86833
cg03043827	LARP1B;LARP1B;LARP1B	0.0649728	0.428251	0.918052	-1.08926	0.0508409	1.26515	1.26515	0.702634	1.04138	1.04138	0.714389	1.03962	1.03962	0.454637	0.92264	-1.08385
cg09336922	CEND1;SLC25A22	0.0649746	0.600598	0.862028	-1.16006	0.408044	0.788328	-1.26851	0.072303	1.75716	1.75716	0.228441	1.42656	1.42656	0.870223	0.955086	-1.04703
cg18388240	MYO10	0.0649761	0.82774	0.931962	-1.073	0.197893	1.55277	1.55277	0.00148863	4.39912	4.39912	0.66596	0.868981	-1.15077	0.283266	1.43401	1.43401
cg26472301	ID1;ID1	0.0649763	0.581555	1.08003	1.08003	0.0570695	1.34689	1.34689	0.0141268	1.52033	1.52033	0.452118	1.11178	1.11178	0.0192403	1.4795	1.4795
cg23009046	PVRL1;PVRL1;PVRL1	0.0649795	0.358737	0.807506	-1.23838	0.739477	0.927178	-1.07854	0.00468601	0.426722	-2.34345	0.863188	1.03985	1.03985	0.893588	1.03079	1.03079
cg12615903	LHPP;LHPP	0.0649814	0.222019	0.550101	-1.81785	0.00165057	0.122768	-8.14545	0.101139	0.433464	-2.307	0.740101	0.8564	-1.16768	0.428135	0.686119	-1.45747
cg18247436	GRIK4	0.0649819	0.0366266	3.71641	3.71641	0.0998968	2.65027	2.65027	0.382091	1.62349	1.62349	0.177479	2.17009	2.17009	0.321678	1.73925	1.73925
cg02748105	SNORD115-48	0.0649829	0.00425119	0.143643	-6.96172	0.0541189	0.330014	-3.03017	0.23676	0.533289	-1.87515	0.229313	0.527412	-1.89605	0.405808	0.649641	-1.53931
cg04369588	TECPR2	0.064983	0.478048	1.27733	1.27733	0.0836312	0.52217	-1.91509	0.772372	1.10344	1.10344	0.590399	1.2025	1.2025	0.735862	0.891457	-1.12176
cg14877413	ANKRD13D;ANKRD13D	0.0649831	0.370925	0.854447	-1.17035	0.655676	1.07987	1.07987	0.333959	1.18604	1.18604	0.365777	0.852917	-1.17245	0.690303	0.933728	-1.07098
cg16743785	FKBP14	0.0649856	0.833952	0.973057	-1.02769	0.0135815	1.48784	1.48784	0.0652503	1.30901	1.30901	0.79946	1.03368	1.03368	0.768358	1.03917	1.03917
cg19152024	RASSF1;RASSF1;RASSF1;RASSF1	0.0649875	0.278319	1.85163	1.85163	0.55701	1.38158	1.38158	0.157464	2.29275	2.29275	0.450506	1.52025	1.52025	0.695446	0.807438	-1.23848
cg21575283	NRAS;NRAS	0.064989	0.0749058	0.284301	-3.5174	0.0226576	5.75893	5.75893	0.643621	1.33746	1.33746	0.997619	1.00186	1.00186	0.144539	0.372318	-2.68588
cg00247269	COQ9;CIAPIN1	0.0649901	0.53986	0.776557	-1.28774	0.369454	0.686331	-1.45702	0.662081	1.19605	1.19605	0.148756	1.89021	1.89021	0.100558	0.476145	-2.1002
cg12629254	SNORD115-38	0.0649904	0.233928	0.385584	-2.59347	0.0260196	0.132977	-7.52008	0.463816	0.565835	-1.7673	0.569022	0.644312	-1.55204	0.0151291	0.102339	-9.77147
cg17193921	TUBGCP6	0.0649924	0.393829	0.916833	-1.09071	0.0124474	1.36231	1.36231	0.0296035	1.28996	1.28996	0.384111	0.915104	-1.09277	0.714666	1.03718	1.03718
cg09216008	TMEM175	0.0649931	0.010597	1.97263	1.97263	0.342746	0.813352	-1.22948	0.113985	0.6953	-1.43823	0.491785	0.862796	-1.15902	0.0293567	1.72014	1.72014
cg07035165	KCNN2	0.0649944	0.568566	0.89898	-1.11237	0.825716	1.0416	1.0416	0.00825485	1.86688	1.86688	0.945217	0.987381	-1.01278	0.97332	1.0062	1.0062
cg02062230	DOK7;DOK7	0.0649945	0.923485	1.04171	1.04171	0.00367931	5.31394	5.31394	0.515607	0.755447	-1.32372	0.696104	0.846211	-1.18174	0.72287	0.859436	-1.16355
cg18916055	ST6GALNAC2	0.0649948	0.0655802	0.214106	-4.67058	0.0375442	0.16534	-6.04814	0.143808	0.309939	-3.22644	0.331508	0.473659	-2.11122	0.0289113	0.14643	-6.82919
cg03478199	GRM1;GRM1;GRM1;GRM1	0.0649973	0.312314	0.749257	-1.33465	0.0481306	1.86609	1.86609	0.0445135	1.89126	1.89126	0.923177	1.027	1.027	0.164789	0.664108	-1.50578
cg26411107	CYFIP2;CYFIP2;CYFIP2	0.0649977	0.283274	0.763108	-1.31043	0.809473	1.06033	1.06033	0.273257	1.31852	1.31852	0.937086	0.981038	-1.01933	0.0155609	0.487014	-2.05333
cg20406470	SDHAP1	0.0649984	0.091117	0.714921	-1.39876	0.0517217	1.49072	1.49072	0.50531	0.885242	-1.12963	0.809026	1.04463	1.04463	0.369678	0.846932	-1.18073
cg13243311	USP6;USP6	0.0649992	0.0417227	0.329911	-3.03112	0.286278	0.592668	-1.68728	0.256453	0.571461	-1.7499	0.033156	0.308367	-3.24289	0.394976	0.662618	-1.50917
cg00607264	DNAJC1;DNAJC1	0.0649995	0.980234	0.995654	-1.00437	0.580997	1.10297	1.10297	0.455247	0.874842	-1.14306	0.00792944	0.549588	-1.81955	0.462677	0.876833	-1.14047
cg24377694	PDYN	0.065	0.0521497	0.12444	-8.036	0.100137	0.182767	-5.47144	0.257781	0.328212	-3.04681	0.347091	0.401161	-2.49277	0.0257776	0.0822615	-12.1564
cg07483119	VPS13C;VPS13C;VPS13C;VPS13C	0.0650007	0.184508	0.762769	-1.31101	0.0310598	0.614484	-1.62738	0.591711	0.901074	-1.10979	0.669543	1.0861	1.0861	0.0134261	0.554896	-1.80214
cg23974023	IL1A	0.0650022	0.774614	0.951473	-1.051	0.656251	1.08071	1.08071	0.162588	0.772366	-1.29472	0.808944	1.04286	1.04286	0.156619	0.769106	-1.30021
cg14309246	AKT2	0.0650029	0.791937	1.13943	1.13943	0.261213	1.78333	1.78333	0.292545	1.71451	1.71451	0.724071	1.19124	1.19124	0.0144844	0.225973	-4.4253
cg01816186	NBAS	0.0650031	0.069731	0.424454	-2.35597	0.0286281	0.335908	-2.97701	0.127343	0.498273	-2.00693	0.694892	0.846584	-1.18122	0.0783471	0.437697	-2.28469
cg17026642	SPATA17;GPATCH2	0.0650034	0.18624	0.773854	-1.29223	0.00745816	1.87821	1.87821	0.0902611	0.710677	-1.40711	0.430856	0.863214	-1.15846	0.24498	1.24919	1.24919
cg09717585	ZCCHC14	0.0650038	0.0200754	0.484433	-2.06427	0.0171346	0.472028	-2.11852	0.572463	0.862973	-1.15879	0.307914	1.31351	1.31351	0.429737	1.23155	1.23155
cg06742162	MARVELD3	0.0650038	0.557627	1.10394	1.10394	0.535398	0.900629	-1.11034	0.301262	1.19554	1.19554	0.229211	1.23418	1.23418	0.854646	0.969883	-1.03105
cg16171867	CTNS;SHPK;CTNS	0.0650039	0.016717	0.707009	-1.41441	0.15924	1.19549	1.19549	0.0462861	1.31124	1.31124	0.968483	0.995321	-1.0047	0.229774	0.861082	-1.16133
cg23834013	ZC3HAV1	0.0650046	0.0259669	0.17723	-5.64237	0.12975	0.342491	-2.91978	0.0272142	0.180672	-5.53488	0.0831387	0.284821	-3.51097	0.0281342	0.183149	-5.46003
cg01926066	FANCF	0.0650053	0.37802	0.680613	-1.46926	0.348809	1.50727	1.50727	0.666454	1.20257	1.20257	0.548646	1.29456	1.29456	0.00574254	0.214352	-4.66523
cg03869743	PPP1R11	0.0650056	0.465973	1.21232	1.21232	0.881151	0.96192	-1.03959	0.0152603	2.16653	2.16653	0.833108	1.05629	1.05629	0.52506	1.18192	1.18192
cg08228439	LHX5	0.065007	0.0264391	0.17527	-5.70549	0.0447504	0.217733	-4.59278	0.0341837	0.194896	-5.13094	0.468241	1.62961	1.62961	0.125431	0.333748	-2.99627
cg19682514	NFIA;NFIA;NFIA;NFIA	0.0650081	0.361008	0.873364	-1.145	0.491452	0.904146	-1.10602	0.658651	0.937903	-1.06621	0.776246	1.04194	1.04194	0.646148	0.935513	-1.06893
cg08250364	FIZ1;ZNF524	0.0650082	0.642473	1.32781	1.32781	0.00235759	0.0763138	-13.1038	0.9077	0.932079	-1.07287	0.634955	0.748228	-1.33649	0.0523273	0.262284	-3.81266
cg21073650	PLA1A	0.0650083	0.0817172	0.599189	-1.66892	0.14688	0.661447	-1.51184	0.873237	0.958496	-1.0433	0.188404	0.690735	-1.44773	0.00233603	0.323647	-3.08979
cg07908718	SLC8A2	0.0650097	0.411248	0.664607	-1.50465	0.0109546	4.72324	4.72324	0.0281071	3.5293	3.5293	0.647367	1.251	1.251	0.110819	0.42965	-2.32748
cg11766577	C21orf56;C21orf56	0.0650114	0.0422067	6.11203	6.11203	0.028257	7.41546	7.41546	0.156212	3.23273	3.23273	0.53659	1.62263	1.62263	0.333791	0.462497	-2.16218
cg06466839	RICS	0.0650125	0.921041	0.981395	-1.01896	0.0303142	1.61981	1.61981	0.0677568	0.6787	-1.47341	0.0426891	0.642781	-1.55574	0.0331721	0.623961	-1.60266
cg20615848	C18orf34;C18orf34	0.0650156	0.0489004	0.527455	-1.8959	0.540719	0.838488	-1.19262	0.194915	0.67706	-1.47697	0.632319	0.871865	-1.14697	0.0156227	0.430343	-2.32373
cg02795976	GRK5	0.0650173	0.392384	0.818321	-1.22201	0.645051	1.11198	1.11198	0.146826	0.700262	-1.42804	0.469176	1.18354	1.18354	0.277163	1.29514	1.29514
cg27634724	KCNS1	0.0650174	0.0675532	4.26864	4.26864	0.0286622	6.22874	6.22874	0.726473	1.28258	1.28258	0.0620762	4.43083	4.43083	0.762113	1.24003	1.24003
cg05383584	RBM39;RBM39	0.0650177	0.64953	1.24819	1.24819	0.718476	0.839095	-1.19176	0.984643	0.990716	-1.00937	0.00165405	0.112816	-8.86398	0.621739	0.78584	-1.27252
cg25389804	ESRRG;ESRRG;ESRRG	0.0650181	0.298076	1.23771	1.23771	0.615603	1.10527	1.10527	0.0279064	0.598304	-1.67139	0.610762	0.903491	-1.10682	0.370241	1.19952	1.19952
cg17376141	FLJ25363;FLJ25363	0.0650199	0.581583	1.06902	1.06902	0.0148004	1.43278	1.43278	0.0931924	1.24791	1.24791	0.728801	0.959118	-1.04262	0.13762	1.21136	1.21136
cg10108237	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.0650208	0.868132	1.02485	1.02485	0.200934	0.819136	-1.2208	0.00830497	1.64603	1.64603	0.274945	0.845548	-1.18267	0.902712	1.01823	1.01823
cg04768958	LCLAT1;LCLAT1	0.0650212	0.020731	0.0846317	-11.8159	0.0226157	0.0888488	-11.2551	0.0990244	0.201132	-4.97187	0.344758	0.421899	-2.37023	0.0120338	0.0622039	-16.0762
cg04718263	OR2H2	0.0650217	0.480363	1.1541	1.1541	0.0618679	0.656993	-1.52209	0.51941	1.13937	1.13937	0.202539	1.30837	1.30837	0.61168	1.10769	1.10769
cg08486903	SMURF1;SMURF1	0.065024	0.125778	1.6423	1.6423	0.0871244	0.567971	-1.76065	0.847629	1.0593	1.0593	0.0316602	2.12629	2.12629	0.18467	1.52396	1.52396
cg13582457	ERGIC1	0.0650253	0.306484	0.647016	-1.54556	0.753838	0.878655	-1.1381	0.0464382	0.391412	-2.55485	0.0340556	0.36158	-2.76564	0.978202	1.0113	1.0113
cg06499213	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2	0.0650264	0.0700091	0.246595	-4.05524	0.00361395	0.0657348	-15.2127	0.187329	0.380685	-2.62684	0.937942	0.947609	-1.05529	0.0179255	0.136958	-7.30149
cg11105872	FOXP1;FOXP1	0.0650264	0.174124	0.384345	-2.60183	0.113566	0.320219	-3.12286	0.0258546	0.173796	-5.75387	0.672666	0.754988	-1.32452	0.00359999	0.0737657	-13.5564
cg16752592	HSF1	0.0650267	0.181443	2.30963	2.30963	0.01462	5.89514	5.89514	0.123331	2.67772	2.67772	0.133493	2.59875	2.59875	0.730395	1.22644	1.22644
cg02196147	NOS2;NOS2	0.0650289	0.628972	0.782354	-1.27819	0.19933	0.504771	-1.9811	0.00426322	0.145462	-6.87465	0.0769932	0.371075	-2.69488	0.0186752	0.237605	-4.20867
cg14510301	LEMD3;LEMD3	0.0650302	0.706669	1.10795	1.10795	0.675478	0.892114	-1.12093	0.332246	0.762448	-1.31156	0.976879	0.992173	-1.00789	0.283976	1.3523	1.3523
cg25358415	PPP1R11	0.0650303	0.109249	0.279687	-3.57543	0.0436652	0.184157	-5.43015	0.584894	0.668692	-1.49546	0.638267	0.707894	-1.41264	0.00419618	0.0609411	-16.4093
cg25517103	RFTN2	0.065031	0.366111	0.753322	-1.32745	0.061871	0.526524	-1.89925	0.057522	0.519296	-1.92568	0.837608	0.939314	-1.06461	0.11287	0.590702	-1.6929
cg20983112	DGAT2	0.0650325	0.143618	3.32754	3.32754	0.097219	0.248445	-4.02504	0.823839	0.843177	-1.18599	0.325449	2.17454	2.17454	0.174203	0.330909	-3.02198
cg22142137	OR10G2	0.0650347	0.852779	0.922878	-1.08357	0.230134	0.580459	-1.72277	0.426938	0.704376	-1.4197	0.12833	0.491559	-2.03434	0.193622	0.551976	-1.81167
cg21825039	AP1S3	0.0650355	0.0136338	0.566109	-1.76644	0.326825	0.827994	-1.20774	0.0966899	0.711755	-1.40498	0.404843	0.853063	-1.17225	0.144662	1.33928	1.33928
cg03901549	BAT1;BAT1	0.0650365	0.0716275	0.336599	-2.9709	0.162401	0.44603	-2.242	0.695811	1.23701	1.23701	0.587097	1.34556	1.34556	0.0125697	0.186358	-5.36601
cg01732804	TUBA4A;TUBA4B	0.0650367	0.255139	0.709433	-1.40958	0.0544103	0.532247	-1.87883	0.0109125	0.39722	-2.51749	0.364902	0.764134	-1.30867	0.0190591	0.440439	-2.27046
cg14196211	MRPL12	0.0650372	0.367034	1.2197	1.2197	0.0421929	1.65141	1.65141	0.0590157	1.57927	1.57927	0.310743	1.25206	1.25206	0.864003	0.963924	-1.03743
cg00910924	PDE10A;PDE10A	0.0650375	0.123327	0.630732	-1.58546	0.340495	0.762455	-1.31155	0.722363	0.906197	-1.10351	0.382967	1.2802	1.2802	0.00722603	0.384023	-2.60401
cg13056524	JARID2	0.0650376	0.233843	1.55548	1.55548	0.0260131	2.54765	2.54765	0.0150996	2.87754	2.87754	0.565798	1.22811	1.22811	0.228637	1.56397	1.56397
cg16353836	SAFB2;SAFB	0.065039	0.204517	0.87017	-1.1492	0.297751	1.11865	1.11865	0.0642554	1.24105	1.24105	0.449864	1.08326	1.08326	0.0861177	0.821216	-1.21771
cg13466988	VPS13D;VPS13D	0.0650394	0.0738388	0.337153	-2.96601	0.007148	0.150269	-6.65473	0.0309685	0.251057	-3.98316	0.176702	0.456762	-2.18932	0.166599	0.447217	-2.23605
cg03146575	MYO1B;MYO1B;MYO1B	0.0650402	0.490031	1.22112	1.22112	0.578606	1.17334	1.17334	0.633983	1.14644	1.14644	0.0267004	2.1129	2.1129	0.017112	0.436922	-2.28874
cg03308469	RGNEF	0.0650406	0.480393	0.823517	-1.2143	0.0105978	0.418924	-2.38707	0.256178	0.725547	-1.37827	0.0780516	0.588618	-1.69889	0.265178	1.36933	1.36933
cg12277798	THADA;THADA	0.0650409	0.598301	0.855312	-1.16916	0.0592219	0.534655	-1.87036	0.823024	0.93627	-1.06807	0.156223	0.640249	-1.56189	0.0224427	0.447574	-2.23427
cg13904508	DRAM2	0.065041	0.0878538	0.711149	-1.40618	0.38783	1.1737	1.1737	0.826493	1.04052	1.04052	0.021574	1.64762	1.64762	0.62126	1.0943	1.0943
cg06070291	EIF3J	0.0650419	0.724615	1.0583	1.0583	0.0198618	1.56902	1.56902	0.298485	1.18845	1.18845	0.438425	0.881072	-1.13498	0.499475	1.11608	1.11608
cg22067481	ZNF611;ZNF611;ZNF611;ZNF611	0.0650426	0.800363	0.910723	-1.09803	0.311238	0.679326	-1.47205	0.957876	0.980695	-1.01968	0.0392898	0.414729	-2.41122	0.0314269	0.393988	-2.53815

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19092981	0.210968	0.178021	-5.61733	0.837802	0.764599	-1.30788	0.0128899	56.9967	56.9967	0.0413126	21.8003	21.8003	3.06208	83.1563	24.1393	1
cg13115440	0.046185	0.264609	-3.77916	0.0221397	0.202588	-4.93613	0.291895	0.529157	-1.8898	0.297897	0.533641	-1.87392	3.06206	16.4271	4.76866	1
cg19736470	0.0527087	0.476779	-2.09741	0.588186	1.20186	1.20186	0.780274	0.910231	-1.09862	0.0605258	0.490758	-2.03766	3.062	5.48569	1.59248	1
cg02236650	0.65031	0.678253	-1.47438	0.428937	0.503115	-1.98762	0.00864079	17.2545	17.2545	0.343995	0.436382	-2.29157	3.062	35.0944	10.1878	1
cg04919081	0.00841999	0.168199	-5.94533	?	?	?	0.572345	0.739164	-1.35288	0.260684	1.86164	1.86164	3.10324	12.26	3.9507	1
cg02639380	0.29718	0.736928	-1.35698	0.00713489	0.374769	-2.66831	0.0856149	0.584704	-1.71027	0.00814122	0.384154	-2.60312	3.06194	3.86861	1.12307	1
cg08767027	0.0974994	1.26558	1.26558	0.0406696	1.35816	1.35816	0.636902	0.940267	-1.06353	0.704279	1.05064	1.05064	3.06193	0.813692	0.236217	1
cg19270050	0.910174	0.980358	-1.02004	0.010463	0.567532	-1.76202	0.348614	0.843992	-1.18485	0.0304251	1.56388	1.56388	3.06193	1.49831	0.434964	1
cg04845144	0.751943	0.897551	-1.11414	0.741142	1.11964	1.11964	0.385732	1.35726	1.35726	0.474759	1.28271	1.28271	3.6401	6.36431	1.16559	1
cg10021575	0.964828	0.994413	-1.00562	0.585724	1.07244	1.07244	0.0124411	1.48472	1.48472	0.733194	1.04444	1.04444	3.06191	0.78299	0.227306	1
cg13502128	0.509739	0.851328	-1.17463	0.0274018	1.87398	1.87398	0.947685	0.98433	-1.01592	0.171413	0.704353	-1.41974	3.0619	2.80936	0.815575	1
cg22762309	0.435797	1.53793	1.53793	0.678118	1.25351	1.25351	0.290288	0.552024	-1.81151	0.0289167	0.247967	-4.03279	3.06188	14.2129	4.12611	1
cg27648567	0.0351598	1.9362	1.9362	0.704305	1.10812	1.10812	0.747773	1.09076	1.09076	0.712186	1.10492	1.10492	3.06184	3.51576	1.02067	1
cg09403249	0.736503	0.926443	-1.0794	0.927168	0.979529	-1.0209	0.0069549	2.20335	2.20335	0.160576	1.40368	1.40368	3.06177	2.48187	0.720533	1
cg23737049	0.529391	1.29275	1.29275	0.0094665	0.265789	-3.76238	0.310745	1.52602	1.52602	0.568008	1.26185	1.26185	3.06176	7.8752	2.28632	1
cg07659934	0.00589646	0.229179	-4.3634	0.984237	0.991954	-1.00811	0.0765324	0.446786	-2.23821	0.797673	0.900277	-1.11077	3.06166	8.1087	2.35419	1
cg09769410	0.712481	1.06567	1.06567	0.00129743	0.447041	-2.23693	0.336741	0.843511	-1.18552	0.29204	1.20664	1.20664	3.06166	1.43159	0.415633	1
cg20669525	0.0193292	0.718788	-1.39123	0.0739065	0.792547	-1.26175	0.787141	1.03209	1.03209	0.0176825	1.40043	1.40043	3.06165	0.660585	0.191788	1
cg23885062	0.670308	1.06219	1.06219	0.038879	0.713998	-1.40056	0.319104	0.864979	-1.1561	0.192488	1.21449	1.21449	3.06164	0.962305	0.279387	1
cg07139363	0.571976	0.779398	-1.28304	0.0936079	0.447203	-2.23612	0.0232472	3.26676	3.26676	0.666221	0.827465	-1.20851	3.06163	9.23536	2.68132	1
cg06726747	0.796171	0.876247	-1.14123	0.0330242	0.280198	-3.56891	0.0133539	0.209272	-4.77848	0.256834	1.82941	1.82941	3.06161	12.6297	3.66681	1
cg21453451	0.0300517	16.3335	16.3335	0.0319416	15.6671	15.6671	0.010489	33.9837	33.9837	0.132606	5.90841	5.90841	3.06158	58.1013	16.8689	1
cg15056794	0.172928	1.97579	1.97579	0.57294	1.30664	1.30664	0.0740591	2.54643	2.54643	0.283091	0.592349	-1.68819	3.06153	10.6894	3.10358	1
cg08214267	0.312252	1.39067	1.39067	0.916349	1.0337	1.0337	0.653804	1.15306	1.15306	0.492326	1.24608	1.24608	3.06151	4.82614	1.40124	1
cg23216612	0.661685	1.16079	1.16079	0.00410991	0.255061	-3.92062	0.0703778	0.498461	-2.00618	0.423329	0.757643	-1.31988	3.29749	5.85094	1.38006	1
cg20697094	0.552088	0.744916	-1.34243	0.0236496	0.266451	-3.75304	0.00667081	0.178529	-5.60134	0.776719	0.870067	-1.14934	3.06143	11.6189	3.37357	1
cg06247108	0.892441	1.02585	1.02585	0.0201389	1.69671	1.69671	0.793084	0.951625	-1.05083	0.136972	0.739223	-1.35277	3.06142	1.72495	0.500843	1
cg25716871	0.0130006	0.645379	-1.54948	0.00648263	0.604811	-1.65341	0.704846	0.947364	-1.05556	0.235479	0.838063	-1.19323	3.06138	0.978871	0.284221	1
cg03862225	0.251344	0.418839	-2.38755	0.346011	0.494247	-2.02328	0.00392767	16.7452	16.7452	0.509277	0.614991	-1.62604	3.06136	25.5665	7.42342	1
cg07042672	0.387456	0.824702	-1.21256	0.162683	0.72306	-1.38301	0.712849	1.08375	1.08375	0.129262	1.42852	1.42852	3.06134	2.29512	0.666411	1
cg17782706	0.342081	0.875797	-1.14182	0.616691	1.07076	1.07076	0.309116	0.867096	-1.15327	0.276122	1.16589	1.16589	3.06125	0.889909	0.258401	1
cg04603419	0.652063	0.74606	-1.34037	0.189665	0.407944	-2.45132	0.046615	4.35195	4.35195	0.312661	1.96217	1.96217	3.0612	20.1956	5.86425	1
cg21184859	0.00549957	0.187052	-5.3461	0.863011	1.08255	1.08255	0.0156239	3.90184	3.90184	0.855833	1.08712	1.08712	3.06117	10.2276	2.96985	1
cg02302089	0.548121	0.837806	-1.19359	0.605995	0.859408	-1.16359	0.538903	1.19861	1.19861	0.0159113	0.423258	-2.36263	3.06113	4.11104	1.19376	1
cg13702982	0.656822	0.729902	-1.37005	0.0127355	0.113117	-8.8404	0.0331218	0.173098	-5.77706	0.683174	0.749072	-1.33498	3.0611	24.0334	6.97886	1
cg08679808	0.336037	1.21823	1.21823	0.0433822	0.629831	-1.58773	0.706243	0.927421	-1.07826	0.277523	1.25198	1.25198	3.06104	1.91972	0.557462	1
cg00321115	0.476879	1.10372	1.10372	0.010632	1.55007	1.55007	0.119056	0.79387	-1.25965	0.812458	0.96809	-1.03296	3.061	0.902598	0.262107	1
cg26464934	0.206498	1.76876	1.76876	0.0084698	0.237261	-4.21476	0.545249	0.769491	-1.29956	0.433138	0.710097	-1.40826	3.06094	8.88079	2.57896	1
cg06931356	0.461558	1.16983	1.16983	0.016626	1.84417	1.84417	0.569602	1.1278	1.1278	0.89082	0.971667	-1.02916	3.06093	2.12314	0.616556	1
cg08064269	0.602979	1.17187	1.17187	0.122673	1.65791	1.65791	0.891559	1.04209	1.04209	0.975782	1.00922	1.00922	3.06093	4.42869	1.28608	1
cg05010648	0.847017	1.11178	1.11178	0.0215978	0.220141	-4.54254	0.703518	1.23339	1.23339	0.429216	0.64229	-1.55693	3.06092	14.5897	4.23684	1
cg09554951	0.109945	0.806983	-1.23918	0.0695878	0.778957	-1.28377	0.257281	0.864577	-1.15664	0.67554	0.949508	-1.05318	3.06092	0.734397	0.213269	1
cg08878323	0.446366	1.20697	1.20697	0.0640258	0.603843	-1.65606	0.0455614	1.7431	1.7431	0.644433	1.11922	1.11922	3.0609	2.84737	0.826879	1
cg17865955	0.18722	1.85927	1.85927	0.29992	1.61061	1.61061	0.00649374	4.80475	4.80475	0.451062	1.40591	1.40591	3.06087	9.5424	2.77115	1
cg27418434	0.0383672	0.249036	-4.01548	0.0557664	0.284907	-3.50992	0.185707	0.443547	-2.25455	0.111448	0.366254	-2.73034	3.06086	16.2707	4.72508	1
cg11956052	0.509806	1.24926	1.24926	0.0499059	2.10503	2.10503	0.109642	1.78698	1.78698	0.201671	1.56639	1.56639	3.06084	5.3707	1.55969	1
cg14473904	0.778213	0.907167	-1.10233	0.640101	0.850029	-1.17643	0.632778	1.1807	1.1807	0.22183	0.642072	-1.55746	3.06082	5.77151	1.6761	1
cg02451516	0.0491088	2.13132	2.13132	0.490533	1.26609	1.26609	0.672223	1.15416	1.15416	0.428921	1.31266	1.31266	3.06081	5.50198	1.59783	1
cg06062940	0.951822	0.987562	-1.01259	0.00578177	0.47283	-2.11493	0.0497413	1.58986	1.58986	0.926372	0.981036	-1.01933	3.06079	2.08002	0.604063	1
cg15830422	0.131116	0.630881	-1.58508	0.341796	1.3189	1.3189	0.0580816	0.545902	-1.83183	0.667514	0.88504	-1.12989	3.06077	3.8712	1.12425	1
cg26748578	0.776802	0.909296	-1.09975	0.0170968	0.378153	-2.64443	0.454624	1.29021	1.29021	0.20496	0.639267	-1.56429	3.06073	5.42543	1.57564	1
cg03711485	0.0353597	0.110341	-9.06281	0.0126266	0.0614625	-16.2701	0.472249	0.518037	-1.93037	0.0947659	0.191711	-5.21618	3.06073	39.225	11.3916	1
cg09793584	0.00224656	0.178806	-5.59264	0.740056	0.874593	-1.14339	0.0969188	0.48033	-2.0819	0.807004	0.906196	-1.10351	3.06072	7.85101	2.28007	1
cg22816048	0.0831475	0.512259	-1.95214	0.660257	0.857066	-1.16677	0.119578	1.80207	1.80207	0.342304	0.710937	-1.40659	3.06064	5.89395	1.71176	1
cg06812840	0.987269	1.00397	1.00397	0.296058	1.30839	1.30839	0.851591	0.9546	-1.04756	0.0759288	1.63231	1.63231	3.06064	2.98331	0.866431	1
cg04133673	0.424237	0.639942	-1.56264	0.041129	0.275593	-3.62854	0.103857	0.378049	-2.64516	0.384822	0.614253	-1.62799	3.06063	14.5016	4.21165	1
cg23101564	0.00907069	0.587468	-1.70222	0.0286823	1.51286	1.51286	0.31472	0.846393	-1.18148	0.991109	0.998214	-1.00179	3.06062	1.24732	0.362257	1
cg09636525	0.94277	1.03384	1.03384	0.613074	0.789463	-1.26668	0.720753	1.18104	1.18104	0.935995	0.963451	-1.03794	3.06062	10.4178	3.02563	1
cg22473095	0.761573	0.96167	-1.03986	0.333899	0.87985	-1.13656	0.25961	1.16304	1.16304	0.34516	1.13301	1.13301	3.0606	0.799577	0.23222	1
cg01596171	0.11034	0.528528	-1.89205	0.0116571	0.314986	-3.17475	0.171005	0.586155	-1.70603	0.103012	0.520166	-1.92246	3.06056	6.50925	1.8905	1
cg03043827	0.220148	0.872587	-1.14602	0.359454	0.905189	-1.10474	0.0100489	1.40984	1.40984	0.0515148	1.26406	1.26406	3.06054	0.541749	0.157343	1
cg09336922	0.200618	0.683916	-1.46217	0.00905586	0.393655	-2.5403	0.0771791	1.73716	1.73716	0.964252	1.01268	1.01268	3.06051	3.82878	1.11203	1
cg18388240	0.865046	0.946485	-1.05654	0.402786	0.758169	-1.31897	0.77837	1.09552	1.09552	0.815443	1.07853	1.07853	3.06048	5.06752	1.47182	1
cg26472301	0.852701	0.974618	-1.02604	0.0817659	0.765826	-1.30578	0.845654	1.02732	1.02732	0.726377	1.0498	1.0498	3.06047	0.927397	0.269355	1
cg23009046	0.0206436	1.88041	1.88041	0.679551	1.09868	1.09868	0.662162	1.10474	1.10474	0.882567	1.03405	1.03405	3.06041	2.48785	0.722591	1
cg12615903	0.150751	0.488159	-2.04851	0.696328	0.833069	-1.20038	0.123904	0.460284	-2.17257	0.763767	1.15068	1.15068	3.06038	10.51	3.05265	1
cg18247436	0.0273956	4.0987	4.0987	0.208624	0.488436	-2.04735	0.0159157	4.93321	4.93321	0.0990239	2.65822	2.65822	3.06037	14.164	4.11397	1
cg02748105	0.33396	0.603264	-1.65765	0.259832	0.550942	-1.81507	0.215773	0.516473	-1.93621	0.0108422	0.197371	-5.06659	3.06035	12.4671	3.62111	1
cg04369588	0.253755	1.49849	1.49849	0.0076377	3.20216	3.20216	0.0293907	2.38845	2.38845	0.145439	1.69977	1.69977	3.06035	5.58172	1.62123	1
cg14877413	0.174943	1.28019	1.28019	0.00215805	0.478373	-2.09042	0.424617	0.8697	-1.14982	0.935299	1.014	1.014	3.06035	1.42079	0.412673	1
cg16743785	0.902004	0.984101	-1.01616	0.0227537	0.701405	-1.42571	0.222518	0.846381	-1.1815	0.523779	0.919375	-1.0877	3.0603	0.820441	0.238304	1
cg19152024	0.298159	0.554829	-1.80236	0.00290635	0.0960989	-10.4059	0.615633	0.759317	-1.31697	0.821882	1.13035	1.13035	3.29606	15.0812	3.55873	1
cg21575283	?	?	?	?	?	?	0.277254	2.03146	2.03146	0.0716488	3.58169	3.58169	3.38624	15.8726	4.68739	1
cg00247269	0.108287	0.485662	-2.05905	0.0113857	0.262961	-3.80284	0.0488327	0.392865	-2.5454	0.0491784	0.393605	-2.54062	3.29601	8.4525	1.99459	1
cg12629254	0.440063	0.548069	-1.82459	0.012258	0.0922981	-10.8345	0.0360394	0.155317	-6.43846	0.081527	0.228901	-4.3687	3.06021	28.2683	8.21101	1
cg17193921	0.916971	0.989687	-1.01042	0.71408	0.964079	-1.03726	0.771449	1.02938	1.02938	0.0207225	1.31898	1.31898	3.06017	0.478994	0.139133	1
cg09216008	0.684573	1.09016	1.09016	0.179747	1.3514	1.3514	0.256419	1.2845	1.2845	0.986171	1.00367	1.00367	3.06016	2.165	0.62887	1
cg07035165	0.958188	1.00974	1.00974	0.0150397	0.575638	-1.7372	0.133317	0.74137	-1.34885	0.848816	1.0359	1.0359	3.06014	1.65514	0.480774	1
cg02062230	0.022609	3.19442	3.19442	0.677139	0.836832	-1.19498	0.517156	0.75625	-1.32231	0.515783	1.32356	1.32356	3.06013	8.77132	2.54784	1
cg18916055	0.038021	0.166311	-6.01285	0.0104431	0.0903086	-11.0731	0.0847349	0.241243	-4.1452	0.099103	0.259627	-3.85168	3.06013	26.9607	7.83139	1
cg03478199	0.038947	0.516765	-1.93512	0.1781	0.673539	-1.48469	0.384426	0.781681	-1.27929	0.304021	1.3418	1.3418	3.06008	3.69706	1.07392	1
cg26411107	0.0900805	0.635697	-1.57308	0.149298	1.45497	1.45497	0.0762248	1.61349	1.61349	0.140611	0.680866	-1.46872	3.06007	2.85022	0.827931	1
cg20406470	0.710535	0.934983	-1.06954	0.0939433	0.717402	-1.39392	0.00791168	0.541051	-1.84825	0.18109	0.7741	-1.29182	3.06006	1.57604	0.457808	1
cg13243311	0.273535	0.583746	-1.71307	0.00468	0.169287	-5.90713	0.517147	0.733268	-1.36376	0.0270452	0.290383	-3.44373	3.06004	10.8153	3.14166	1
cg00607264	0.608092	1.0952	1.0952	0.0253551	1.5957	1.5957	0.647715	1.08425	1.08425	0.125694	1.33822	1.33822	3.06004	1.49802	0.43515	1
cg24377694	0.0673682	0.144604	-6.91543	0.0112383	0.0499641	-20.0144	0.0198077	0.0703509	-14.2145	0.145858	0.229229	-4.36244	3.06003	43.1345	12.5299	1
cg07483119	0.0407754	0.634842	-1.5752	0.0321841	0.617111	-1.62045	0.101476	0.708234	-1.41196	0.779819	1.0554	1.0554	3.06002	1.79391	0.521103	1
cg23974023	0.791954	1.04687	1.04687	0.008426	1.79133	1.79133	0.632719	0.919961	-1.087	0.0254708	0.631253	-1.58415	3.05999	1.45491	0.422632	1
cg14309246	0.613127	1.28623	1.28623	0.219321	1.89221	1.89221	0.0125497	0.215921	-4.63132	0.945715	0.96694	-1.03419	3.05998	11.8127	3.43145	1
cg01816186	0.173522	0.542365	-1.84378	0.722936	0.860361	-1.1623	0.0397827	2.73001	2.73001	0.0962914	0.462289	-2.16315	3.05997	8.65114	2.51306	1
cg17026642	0.139067	1.33815	1.33815	0.581133	1.10733	1.10733	0.939997	1.01387	1.01387	0.18485	1.29341	1.29341	3.05997	1.62205	0.471189	1
cg09717585	0.396706	0.799117	-1.25138	0.0679013	1.69615	1.69615	0.359512	0.783933	-1.27562	0.944637	1.01811	1.01811	3.05996	3.23562	0.939918	1
cg06742162	0.0201652	1.59563	1.59563	0.05396	0.694329	-1.44024	0.125939	1.318	1.318	0.0565229	0.697674	-1.43333	3.05996	1.34758	0.391458	1
cg16171867	0.156111	0.835194	-1.19733	0.146673	0.831189	-1.2031	0.52099	1.08028	1.08028	0.396241	1.10862	1.10862	3.05996	0.682753	0.198334	1
cg23834013	0.169718	0.383842	-2.60524	0.0414555	0.214515	-4.66168	0.584347	1.4357	1.4357	0.0823955	0.283775	-3.52392	3.05994	20.7697	6.03342	1
cg01926066	0.247083	0.5976	-1.67336	0.224293	1.7212	1.7212	0.142382	1.95586	1.95586	0.155289	1.9096	1.9096	3.05993	8.7695	2.54748	1
cg03869743	0.628679	1.1348	1.1348	0.00620578	0.396143	-2.52434	0.521955	0.844995	-1.18344	0.937186	0.979754	-1.02066	3.05993	3.26363	0.948064	1
cg08228439	0.0514212	0.230524	-4.33794	0.0292316	0.182707	-5.47325	0.17354	0.383611	-2.60681	0.13987	0.349564	-2.8607	3.0599	21.2181	6.16379	1
cg19682514	0.804797	1.03635	1.03635	0.00133631	0.510474	-1.95896	0.865762	1.0247	1.0247	0.0904982	0.764176	-1.3086	3.05988	1.00765	0.29272	1
cg08250364	0.227682	0.463954	-2.15538	0.887041	1.09002	1.09002	0.475694	1.55248	1.55248	0.669685	1.29724	1.29724	3.05988	17.8234	5.17766	1
cg21073650	0.672138	0.893138	-1.11965	0.759215	0.921622	-1.08504	0.697163	0.901384	-1.1094	0.0375093	0.526881	-1.89796	3.05988	3.41571	0.992258	1
cg07908718	0.495868	0.714459	-1.39966	0.519985	0.728242	-1.37317	0.341901	0.621153	-1.60991	0.453474	0.68982	-1.44965	3.05985	11.4582	3.32862	1
cg11766577	0.110792	3.83431	3.83431	0.00785013	13.9958	13.9958	0.180701	3.00246	3.00246	0.722939	1.317	1.317	3.05982	28.9958	8.42338	1
cg06466839	0.473414	0.870997	-1.14811	0.67277	0.922687	-1.08379	0.886407	0.973288	-1.02744	0.0934339	0.705041	-1.41836	3.0598	1.73869	0.5051	1
cg20615848	0.232286	0.700247	-1.42807	0.00603533	0.36048	-2.77408	0.40881	0.786388	-1.27164	0.0415601	0.512517	-1.95115	3.05974	3.92094	1.13908	1
cg02795976	0.0042102	2.40371	2.40371	0.31253	1.27004	1.27004	0.63285	1.11642	1.11642	0.124857	0.683752	-1.46252	3.05971	2.53731	0.737124	1
cg27634724	0.169372	2.82193	2.82193	0.0672858	4.27612	4.27612	0.0071128	11.7497	11.7497	0.0608483	4.47001	4.47001	3.05971	24.3339	7.06934	1
cg05383584	?	?	?	0.971829	0.983033	-1.01726	0.529831	0.734603	-1.36128	0.34192	1.60727	1.60727	3.10093	10.2516	3.30598	1
cg25389804	0.780748	0.946326	-1.05672	0.0045192	2.11303	2.11303	0.892946	0.97373	-1.02698	0.969192	0.992393	-1.00766	3.05969	1.89426	0.550313	1
cg17376141	0.488643	0.919098	-1.08802	0.0119528	1.4566	1.4566	0.645358	1.05715	1.05715	0.0483851	1.31059	1.31059	3.05966	0.696888	0.202459	1
cg10108237	0.273214	0.844994	-1.18344	0.482411	1.11121	1.11121	0.183181	0.811718	-1.23195	0.0485803	1.39482	1.39482	3.05964	1.05716	0.307126	1
cg04768958	0.172974	0.276376	-3.61825	0.154719	0.259061	-3.8601	0.0677531	0.16291	-6.13836	0.0560642	0.146753	-6.81415	3.05963	38.1075	11.0711	1
cg04718263	0.0993619	1.43458	1.43458	0.0054978	2.07342	2.07342	0.711424	0.928454	-1.07706	0.406909	0.844094	-1.1847	3.05962	1.934	0.56187	1
cg08486903	0.844808	1.06044	1.06044	0.990799	0.996553	-1.00346	0.610664	0.857481	-1.16621	0.00923361	2.68989	2.68989	3.05958	4.34524	1.26241	1
cg13582457	0.456968	0.732333	-1.3655	0.00781655	0.245607	-4.07154	0.148826	1.89028	1.89028	0.216061	0.585449	-1.70809	3.05956	8.19451	2.38074	1
cg06499213	0.626101	0.712242	-1.40402	0.467911	0.600235	-1.66601	0.246399	0.432691	-2.31112	0.129089	0.321931	-3.10625	3.05954	23.1433	6.72383	1
cg11105872	0.588589	0.696861	-1.43501	0.811301	0.85369	-1.17139	0.280978	0.476577	-2.0983	0.0425862	0.213497	-4.6839	3.05954	21.1957	6.158	1
cg16752592	0.32137	1.8304	1.8304	0.539658	0.693222	-1.44254	0.00916817	7.04669	7.04669	0.0443597	3.90672	3.90672	3.05953	16.8716	4.90174	1
cg02196147	0.703848	1.21232	1.21232	0.918416	1.05301	1.05301	0.188299	0.495206	-2.01936	0.317605	0.594048	-1.68336	3.05949	12.315	3.57794	1
cg14510301	0.00347398	0.341128	-2.93145	0.0878483	1.66662	1.66662	0.175611	0.676719	-1.47772	0.936189	1.02195	1.02195	3.05947	3.56237	1.035	1
cg25358415	0.102121	0.271109	-3.68856	0.0272545	0.14865	-6.72722	0.468853	0.584114	-1.71199	0.121884	0.29426	-3.39836	3.05946	25.7901	7.49299	1
cg25517103	0.134678	1.6356	1.6356	0.0264398	2.23191	2.23191	0.473938	1.24878	1.24878	0.377807	0.75877	-1.31792	3.05945	4.50935	1.31014	1
cg20983112	0.310545	2.23172	2.23172	0.00892623	12.7443	12.7443	0.159979	0.317072	-3.15386	0.793085	0.817811	-1.22278	3.05942	28.3623	8.24041	1
cg22142137	0.0244128	0.313922	-3.18551	0.0179587	0.288716	-3.46361	0.00595445	0.211483	-4.72852	0.193698	0.552038	-1.81147	3.05938	9.04384	2.62764	1
cg21825039	0.275766	1.23541	1.23541	0.0640042	1.47424	1.47424	0.82744	1.04155	1.04155	0.38024	1.18273	1.18273	3.05937	1.68459	0.489453	1
cg03901549	0.141537	0.424979	-2.35306	0.0244935	0.234439	-4.26549	0.456693	1.5073	1.5073	0.0934496	0.368346	-2.71484	3.05935	14.1976	4.12508	1
cg01732804	0.176822	0.660453	-1.51411	0.0238407	0.458774	-2.17972	0.838908	0.942881	-1.06058	0.770747	1.08809	1.08809	3.05934	4.04536	1.17537	1
cg14196211	0.624161	1.11164	1.11164	0.018903	0.54371	-1.83921	0.335511	0.808275	-1.2372	0.102483	1.46663	1.46663	3.05934	2.22572	0.646683	1
cg00910924	0.764592	0.920428	-1.08645	0.0398535	0.518931	-1.92704	0.1303	1.57012	1.57012	0.221218	0.701149	-1.42623	3.05933	3.69352	1.07315	1
cg13056524	0.252457	1.52673	1.52673	0.597415	0.828075	-1.20762	0.00846013	3.28708	3.28708	0.179684	1.65603	1.65603	3.05933	6.07078	1.76387	1
cg16353836	0.530461	1.06823	1.06823	0.00796561	0.702348	-1.4238	0.669543	0.956388	-1.0456	0.776035	0.970809	-1.03007	3.0593	0.522732	0.151881	1
cg13466988	0.255729	0.523415	-1.91053	0.0249783	0.233297	-4.28638	0.0527597	0.300794	-3.32453	0.553853	0.721265	-1.38645	3.0593	14.4252	4.19129	1
cg03146575	0.942024	0.979491	-1.02094	0.807904	0.932954	-1.07186	0.036548	1.99822	1.99822	0.278932	0.725619	-1.37813	3.05928	3.93296	1.14274	1
cg03308469	0.919149	0.972891	-1.02786	0.0910124	0.604158	-1.6552	0.556627	0.851345	-1.17461	0.0132813	0.435816	-2.29455	3.05927	3.5501	1.0315	1
cg12277798	0.00910117	0.377507	-2.64896	0.146471	1.58123	1.58123	0.366534	0.761315	-1.31352	0.45602	0.799972	-1.25004	3.05927	4.18713	1.2166	1
cg13904508	0.241203	0.800918	-1.24857	0.0140524	1.73089	1.73089	0.46997	0.875459	-1.14226	0.349491	1.19037	1.19037	3.05926	1.58641	0.460942	1
cg06070291	0.239709	1.21802	1.21802	0.0116764	0.603588	-1.65676	0.153624	1.2773	1.2773	0.980521	1.00392	1.00392	3.05925	1.24352	0.361314	1
cg22067481	0.0818823	0.490892	-2.03711	0.00449134	0.247077	-4.04733	0.795196	1.10076	1.10076	0.484589	0.769409	-1.2997	3.05923	6.5994	1.91752	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20557710	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0650427	0.12331	0.599511	-1.66803	0.0770474	1.8268	1.8268	0.534751	1.2125	1.2125	0.437491	0.784467	-1.27475	0.0223095	0.432009	-2.31477
cg15478081	KIAA1430	0.0650431	0.240066	0.736305	-1.35813	0.277588	0.755039	-1.32443	0.909744	1.02862	1.02862	0.452473	1.20982	1.20982	0.0994527	1.56733	1.56733
cg25104648	ROCK1	0.0650439	0.760186	0.957317	-1.04459	0.80883	1.03514	1.03514	0.00544529	1.68369	1.68369	0.157947	0.806463	-1.23998	0.114944	0.783309	-1.27663
cg20242937	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.065044	0.0993439	0.558899	-1.78923	0.354304	0.735723	-1.35921	0.816401	0.927836	-1.07778	0.780569	0.913987	-1.09411	0.00363664	0.281645	-3.55058
cg12595293	HDAC4	0.0650457	0.759032	1.11847	1.11847	0.0843131	2.00347	2.00347	0.337607	0.69787	-1.43293	0.128737	1.81742	1.81742	0.430813	0.746323	-1.3399
cg08048279	TMEM138;CYBASC3;CYBASC3;TMEM138	0.0650459	0.0330963	0.418079	-2.39189	0.0183675	0.367329	-2.72236	0.0996927	1.8805	1.8805	0.151153	1.71331	1.71331	0.160375	0.591596	-1.69034
cg11143876	ARHGEF16	0.065047	0.0109219	0.460634	-2.17092	0.0909223	0.636448	-1.57122	0.0383528	0.558627	-1.7901	0.0916282	0.637199	-1.56937	0.0141	0.479434	-2.08579
cg10122434	IRF6	0.0650473	0.0303707	0.212144	-4.71377	0.0192461	0.178165	-5.61276	0.137956	0.377908	-2.64614	0.287137	0.510014	-1.96073	0.0280045	0.205695	-4.86156
cg10962166	EXD3	0.0650474	0.0168724	0.522912	-1.91237	0.82991	1.04901	1.04901	0.266325	1.2938	1.2938	0.130972	0.695808	-1.43718	0.0393405	0.588486	-1.69928
cg00042882	AP1S1	0.0650494	0.286401	1.5973	1.5973	0.528548	1.3101	1.3101	0.467795	0.731596	-1.36687	0.17798	1.83217	1.83217	0.094726	0.459836	-2.17469
cg17689763	PCGF3	0.0650513	0.0391865	0.540678	-1.84953	0.78615	0.932323	-1.07259	0.33899	0.775723	-1.28912	0.450139	1.21931	1.21931	0.0170585	0.472658	-2.1157
cg25365006	SLC41A3	0.0650515	0.465798	0.752684	-1.32858	0.101055	0.502897	-1.98848	0.0435924	0.41142	-2.4306	0.890866	0.948807	-1.05395	0.014313	0.314713	-3.1775
cg05104995	FRMPD2;FRMPD2	0.0650527	0.200023	0.630199	-1.5868	0.422142	1.32268	1.32268	0.0111004	0.337562	-2.96242	0.231572	0.65184	-1.53412	0.158824	0.598302	-1.6714
cg13246856	ARTN;ARTN;ARTN;ARTN	0.0650535	0.458284	1.36136	1.36136	0.00345463	5.06204	5.06204	0.0278761	2.89058	2.89058	0.194324	1.75216	1.75216	0.994084	0.996976	-1.00303
cg02292066	C1orf93;C1orf93	0.0650544	0.409717	0.890923	-1.12243	0.0340197	0.712504	-1.4035	0.855502	0.975337	-1.02529	0.590703	1.07721	1.07721	0.979916	0.996557	-1.00345
cg04569179	YAP1;YAP1	0.0650552	0.574953	0.907235	-1.10225	0.89269	0.977075	-1.02346	0.445516	1.14297	1.14297	0.493843	0.887461	-1.12681	0.0596957	0.694108	-1.4407
cg02955989	ZNF536	0.0650554	0.0229305	0.245093	-4.08008	0.161639	2.16475	2.16475	0.943654	1.0372	1.0372	0.122936	2.37171	2.37171	0.0125808	0.201187	-4.97051
cg14483283	RPP30;RPP30	0.0650558	0.983429	1.00632	1.00632	0.0194327	2.3576	2.3576	0.0818346	1.79553	1.79553	0.778824	0.918087	-1.08922	0.20826	0.668518	-1.49585
cg14809191	FOXQ1	0.0650608	0.211659	1.61247	1.61247	0.293491	1.48539	1.48539	0.515934	1.2702	1.2702	0.140825	1.77746	1.77746	0.844998	0.931394	-1.07366
cg27304199	MRPS18B	0.0650616	0.639133	0.868829	-1.15097	0.158847	1.56573	1.56573	0.68473	1.12922	1.12922	0.359966	1.3234	1.3234	0.0679795	0.544128	-1.8378
cg00739582	MIR888;MIR890	0.065062	0.400989	1.61684	1.61684	0.102626	0.368538	-2.71343	0.616921	0.754367	-1.32561	0.0905261	0.352611	-2.83599	0.00725457	0.144286	-6.93067
cg02089348	TMEM129;TACC3;TMEM129	0.0650625	0.0270792	0.263939	-3.78875	0.0256847	0.259528	-3.85315	0.162958	0.468563	-2.13418	0.393642	0.640963	-1.56015	0.0611604	0.34164	-2.92706
cg07122529	TBC1D16	0.0650636	0.291063	0.768436	-1.30134	0.053118	1.69606	1.69606	0.670471	0.902217	-1.10838	0.287849	0.766981	-1.30381	0.859984	0.958441	-1.04336
cg19923485	IL5	0.0650645	0.0942221	0.441829	-2.26332	0.429807	0.69921	-1.43019	0.0747005	0.414194	-2.41433	0.0971375	0.445609	-2.24412	0.00605456	0.203609	-4.91138
cg24144419	PSD;FBXL15	0.0650688	0.19402	0.576687	-1.73404	0.0957104	2.08146	2.08146	0.0243336	2.93032	2.93032	0.977416	0.988725	-1.0114	?	?	?
cg22149783	GALNT9	0.0650715	0.829316	1.0877	1.0877	0.0414228	2.49871	2.49871	0.0185406	3.03975	3.03975	0.824933	1.09009	1.09009	0.867632	1.06711	1.06711
cg26249038	ARSB;ARSB	0.0650726	0.201535	0.8762	-1.14129	0.360364	0.911974	-1.09652	0.0308689	0.780048	-1.28197	0.305625	0.901278	-1.10954	0.0215321	0.762978	-1.31065
cg10638415	ZNF542;ZNF542;ZNF542;ZNF542	0.0650729	0.857085	1.04306	1.04306	0.48512	1.18047	1.18047	0.0764115	0.630636	-1.5857	0.979916	0.99413	-1.0059	0.118937	1.4856	1.4856
cg06247837	TCAP;STARD3;STARD3;STARD3	0.065073	0.687502	0.920445	-1.08643	0.112171	1.42559	1.42559	0.361427	0.825036	-1.21207	0.0436243	1.60893	1.60893	0.191041	0.752904	-1.32819
cg06170110	RBMXL3;LRCH2	0.0650768	0.430319	1.27055	1.27055	0.471307	1.24355	1.24355	0.00388003	0.314457	-3.18008	0.586289	1.17758	1.17758	0.254961	0.702195	-1.42411
cg11963755	SMYD2	0.0650772	0.0822728	0.284895	-3.51007	0.0744418	0.273509	-3.65618	0.097127	3.27933	3.27933	0.892724	1.092	1.092	0.0613278	0.2528	-3.95569
cg27519016	TFDP1;TFDP1	0.0650773	0.0329059	0.31451	-3.17955	0.0167764	0.258422	-3.86963	0.0216718	0.278593	-3.58947	0.208653	0.54093	-1.84867	0.0232605	0.284404	-3.51613
cg14572634	TOP2A	0.0650777	0.449305	1.41392	1.41392	0.0423401	2.85908	2.85908	0.0917305	2.30281	2.30281	0.138835	0.488813	-2.04577	0.603303	1.26558	1.26558
cg02718725	CNN3	0.0650781	0.00839466	0.57691	-1.73337	0.212409	0.806888	-1.23933	0.206173	0.804248	-1.2434	0.0761512	0.724423	-1.38041	0.481405	1.12402	1.12402
cg23860217	FLJ39582;FLJ39582;THAP7;THAP7	0.0650808	0.16895	2.18214	2.18214	0.180726	2.13118	2.13118	0.153789	2.25467	2.25467	0.612536	1.31247	1.31247	0.239873	0.519334	-1.92554
cg06460350	ZNF432	0.0650824	0.061256	0.84911	-1.1777	0.65662	1.03531	1.03531	0.249469	0.910873	-1.09785	0.967487	0.996844	-1.00317	0.00958756	0.775405	-1.28965
cg01808508	PSMD6	0.0650834	0.129766	0.392353	-2.54873	0.043285	0.264783	-3.77668	0.0658183	0.307278	-3.25438	0.63517	1.31419	1.31419	0.225129	0.482741	-2.07151
cg24082249	C11orf30	0.0650853	0.0427034	0.177192	-5.64359	0.984697	0.985874	-1.01433	0.443269	0.56	-1.78571	0.772065	1.24041	1.24041	0.0079659	0.0802031	-12.4684
ch.18.658499F	RPRD1A	0.0650881	0.182564	0.370881	-2.69628	0.0293871	0.165457	-6.04386	0.313519	0.481462	-2.07701	0.054217	0.216112	-4.62724	0.00333397	0.0607151	-16.4704
cg19880942	C8orf34	0.0650911	0.159382	0.509622	-1.96224	0.112247	0.460637	-2.17091	0.00639307	0.203811	-4.9065	0.133708	0.484297	-2.06485	0.326417	0.63497	-1.57488
cg17652435	HNF1B;HNF1B	0.0650922	0.876059	1.12868	1.12868	0.929572	0.933737	-1.07097	0.264037	2.46685	2.46685	0.5578	1.58364	1.58364	0.428835	0.534497	-1.87092
ch.11.2683828f	ETS1;ETS1;ETS1	0.0650926	0.0108353	0.154432	-6.47536	0.030234	0.225957	-4.42563	0.373731	0.586822	-1.7041	0.0386913	0.247156	-4.04603	0.0443442	0.259688	-3.85078
cg27179352	AFF1;AFF1	0.0650932	0.125803	0.571002	-1.75131	0.304055	1.43343	1.43343	0.474935	1.27862	1.27862	0.0288671	0.418252	-2.3909	0.927431	1.03129	1.03129
cg27495223	C3orf20	0.0650938	0.262304	0.50831	-1.9673	0.754589	0.833985	-1.19906	0.0403715	0.25389	-3.93872	0.0245736	0.212207	-4.71238	0.0182387	0.190318	-5.25436
cg03073814	ZSWIM7;ZSWIM7;TTC19	0.0650956	0.0376805	0.748663	-1.33572	0.736717	1.04135	1.04135	0.0567424	1.29555	1.29555	0.635991	0.94436	-1.05892	0.218016	0.855912	-1.16834
cg20469419	CTBP1;CTBP1	0.0650963	0.586716	1.21117	1.21117	0.181417	1.64083	1.64083	0.638242	1.17974	1.17974	0.0404588	0.437777	-2.28427	0.464816	0.771312	-1.29649
cg06007850	GMDS	0.0650963	0.0320199	0.327352	-3.05481	0.168105	0.520496	-1.92125	0.438128	0.703582	-1.4213	0.578438	0.779173	-1.28341	0.00227236	0.149899	-6.67117
cg12681499	PREX1	0.0650971	0.743045	0.942863	-1.0606	0.261203	1.23314	1.23314	0.0884431	0.714502	-1.39958	?	?	?	0.0065451	0.531644	-1.88096
cg06343615	B3GNTL1	0.0650982	0.13624	0.76676	-1.30419	0.568232	0.908994	-1.10012	0.00391358	0.526018	-1.90108	0.844193	1.03309	1.03309	0.209851	0.803622	-1.24437
cg04562611	C16orf11	0.0651029	0.0994635	1.76944	1.76944	0.0086899	2.87737	2.87737	0.29149	1.41328	1.41328	0.815294	0.928716	-1.07676	0.168725	1.58956	1.58956
cg06857837	TTC15	0.0651035	0.229022	0.778425	-1.28465	0.0562561	0.651178	-1.53568	0.112523	1.40891	1.40891	0.0421036	1.59151	1.59151	0.0619758	1.51745	1.51745
cg00490209	MAN2A1;MAN2A1	0.0651056	0.127398	1.52872	1.52872	0.308728	0.762432	-1.31159	0.205262	0.708865	-1.41071	0.0577691	1.73735	1.73735	0.0215728	0.491396	-2.03502
cg00276443	ASB10;ASB10;ASB10	0.0651089	0.0947666	0.326745	-3.06049	0.552018	1.44271	1.44271	0.462361	0.633968	-1.57737	0.371617	0.571881	-1.74861	0.0311742	0.214276	-4.66688
cg22976360	FAM136A	0.0651101	0.0636624	0.826289	-1.21023	0.134712	1.15903	1.15903	0.563581	1.05489	1.05489	0.0716985	0.831907	-1.20206	0.0253265	0.784019	-1.27548
cg16394646	HIPK2;HIPK2	0.0651114	0.975125	0.995045	-1.00498	0.828957	1.03507	1.03507	0.610279	1.08533	1.08533	0.761126	1.04977	1.04977	0.307819	0.845214	-1.18313
cg13933043	FLJ43663;FLJ43663	0.0651123	0.0536001	0.414844	-2.41055	0.746454	1.13908	1.13908	0.163976	0.550912	-1.81517	0.0967972	0.481079	-2.07866	0.493581	0.756474	-1.32192
cg07029862	PHKG2	0.0651126	0.863501	1.14572	1.14572	0.565393	1.58313	1.58313	0.460106	1.81222	1.81222	0.970976	1.02918	1.02918	0.307612	2.3046	2.3046
cg24651092	ADAMTS17	0.0651135	0.77277	0.962036	-1.03946	0.0489027	0.740359	-1.3507	0.247557	1.1754	1.1754	0.813207	1.03215	1.03215	0.223567	0.842873	-1.18642
cg22894329	LPCAT1	0.0651144	0.437422	0.897973	-1.11362	0.962165	0.993576	-1.00647	0.221679	0.839876	-1.19065	0.0822625	0.76988	-1.2989	0.108907	0.788581	-1.2681
cg06376129	DSTYK;DSTYK	0.0651177	0.407468	0.803761	-1.24415	0.132461	1.51976	1.51976	0.0834369	1.63888	1.63888	0.943455	1.01846	1.01846	0.891328	0.965371	-1.03587
cg24059404	C4orf41;RWDD4A;C4orf41	0.0651181	0.645201	0.924242	-1.08197	0.00373628	1.94517	1.94517	0.958113	1.00896	1.00896	0.867217	0.971967	-1.02884	0.788878	1.04666	1.04666
cg10458446	RAB17	0.0651182	0.190872	0.646589	-1.54658	0.396969	1.314	1.314	0.0319964	0.453373	-2.20569	0.166413	0.628421	-1.59129	0.00801848	0.343154	-2.91414
cg23448584	CPXM1	0.0651207	0.728704	0.920179	-1.08674	0.917623	1.02502	1.02502	0.046716	0.580396	-1.72296	0.888448	0.967026	-1.0341	0.00249845	0.366571	-2.72798
cg23442198	CYP4V2	0.0651227	0.281646	1.81297	1.81297	0.288815	1.7959	1.7959	0.126668	2.40733	2.40733	0.483801	1.45992	1.45992	0.741161	1.19275	1.19275
cg19284039	ASCL2	0.0651228	0.00524842	11.0528	11.0528	0.0222609	5.97787	5.97787	0.143196	2.79204	2.79204	0.0321173	5.14614	5.14614	0.838534	1.14243	1.14243
cg04992875	MSI2;MSI2	0.0651233	0.929645	1.01602	1.01602	0.016523	1.69379	1.69379	0.750211	0.944146	-1.05916	0.830254	1.03939	1.03939	0.035932	0.644598	-1.55135
cg13833185	CIZ1;CIZ1	0.0651236	0.0328792	0.422441	-2.3672	0.00937442	0.320613	-3.11903	0.173638	0.606623	-1.64847	0.73591	1.12399	1.12399	0.0313085	0.418012	-2.39227
cg07830103	NFKB1;NFKB1	0.0651245	0.96427	0.993412	-1.00663	0.0189838	1.52065	1.52065	0.158976	0.800796	-1.24876	0.763041	1.04563	1.04563	0.923817	0.985985	-1.01421
cg11816229	ASGR2;ASGR2;ASGR2;ASGR2;ASGR2;ASGR2;ASGR2	0.0651263	0.173153	0.817398	-1.22339	0.119615	1.2648	1.2648	0.948368	0.991032	-1.00905	0.0864523	1.30142	1.30142	0.189399	1.21334	1.21334
cg05501357	HIPK3;HIPK3	0.0651268	0.805336	0.957194	-1.04472	0.757245	1.05647	1.05647	0.591748	1.10067	1.10067	0.327419	1.19616	1.19616	0.0356405	0.648386	-1.54229
ch.1.3178922R	NOS1AP;NOS1AP	0.0651269	0.0245813	0.235107	-4.25338	0.0329688	0.259637	-3.85154	0.0778913	0.346684	-2.88447	0.0208069	0.222143	-4.50161	0.0284625	0.247074	-4.04737
cg15887459	LOC494141;LOC494141;LOC494141	0.065128	0.0642717	3.16383	3.16383	0.860099	0.90689	-1.10267	0.0596574	3.2461	3.2461	0.139263	2.41467	2.41467	0.792489	1.15727	1.15727
cg11272200	COQ10B	0.0651306	0.306188	0.859929	-1.16289	0.0738001	1.32826	1.32826	0.345328	1.14848	1.14848	0.158685	0.806861	-1.23937	0.905189	1.01712	1.01712
cg14478255	TPO;TPO;TPO;TPO	0.0651329	0.203009	0.445001	-2.24718	0.381699	1.71697	1.71697	0.553542	1.4349	1.4349	0.72044	0.80532	-1.24174	0.0021962	0.0752327	-13.2921
cg17180705	KCNH1;KCNH1	0.0651346	0.10117	1.26065	1.26065	0.0872267	1.27592	1.27592	0.774336	0.963585	-1.03779	0.107997	1.25395	1.25395	0.150193	1.22022	1.22022
cg07480327	DPF1;DPF1;DPF1	0.0651348	0.00990579	0.0544755	-18.3569	?	?	?	0.0702119	0.178673	-5.59682	?	?	?	0.650432	1.45262	1.45262
cg11344668	STYXL1;MDH2	0.06514	0.569578	0.919207	-1.08789	0.985829	1.00261	1.00261	0.978316	1.00399	1.00399	0.702236	1.05792	1.05792	0.728291	1.05245	1.05245
cg22689396	HERC2P2	0.06514	0.327056	2.3013	2.3013	0.554722	0.611275	-1.63592	0.940055	1.06391	1.06391	0.322456	2.3209	2.3209	0.267221	0.385905	-2.59131
cg25661992	SQRDL;SQRDL	0.0651404	0.144078	0.778234	-1.28496	0.694518	0.938887	-1.06509	0.713338	0.942752	-1.06072	0.0224633	0.646087	-1.54778	0.55241	0.908435	-1.10079
cg13616033	C9orf79	0.0651411	0.365497	1.21832	1.21832	0.165969	1.36855	1.36855	0.452359	0.849929	-1.17657	0.256113	1.2863	1.2863	0.179191	1.35398	1.35398
cg24945092	DNAH9;DNAH9	0.0651413	0.249542	0.814968	-1.22704	0.383278	0.858982	-1.16417	0.786442	0.954878	-1.04725	0.656118	0.926634	-1.07917	0.246221	0.813687	-1.22897
cg12807330	PCDH24	0.065144	0.0268055	0.174006	-5.74694	0.217802	0.421369	-2.37322	0.0913626	0.289557	-3.45355	0.137429	0.344222	-2.9051	0.00957177	0.112249	-8.9088
cg13944099	TTC9B	0.0651441	0.96389	0.984299	-1.01595	0.0372044	2.32911	2.32911	0.0126747	2.95376	2.95376	0.0654719	2.06005	2.06005	0.0344241	2.36879	2.36879
cg11312554	SLC44A4	0.0651456	0.0313855	0.305446	-3.27391	0.907634	1.05604	1.05604	0.0425564	0.333877	-2.99512	0.439846	0.690677	-1.44786	0.0131369	0.235822	-4.24049
cg25003658	DTWD2	0.0651462	0.428916	1.19926	1.19926	0.0675014	1.58555	1.58555	0.00522878	0.436503	-2.29094	0.710751	0.9196	-1.08743	0.96691	0.990709	-1.00938
cg11661631	LRP1	0.0651465	0.0810941	0.606	-1.65017	0.171242	1.45831	1.45831	0.0942853	1.61024	1.61024	0.176522	0.689283	-1.45078	0.0322552	0.522348	-1.91443
cg10530055	TINAGL1	0.0651466	0.483498	1.20055	1.20055	0.768244	0.926958	-1.0788	0.00573959	0.394789	-2.533	0.665839	0.894469	-1.11798	0.241774	1.36956	1.36956
cg02710132	WARS2;WARS2	0.0651472	0.0189204	1.36672	1.36672	0.436653	0.916479	-1.09113	0.379574	0.905678	-1.10415	0.445327	0.918042	-1.08927	0.0105636	1.42406	1.42406
cg10823322	CRYGD	0.0651473	0.0171296	0.147819	-6.76505	0.0585647	0.245124	-4.07956	0.117461	0.326681	-3.06109	0.4507	0.603105	-1.65809	0.0742591	0.270166	-3.70143
cg19342764	ZNF761;LOC147804;ZNF761	0.0651486	0.633338	0.702404	-1.42368	?	?	?	0.0109919	0.0779827	-12.8234	?	?	?	0.480777	0.589503	-1.69634
cg01837657	RHCG	0.0651487	0.0315113	16.4762	16.4762	0.0233054	20.322	20.322	0.0808225	8.59247	8.59247	0.125867	6.29626	6.29626	0.57128	1.88819	1.88819
cg04835122	STAMBP;STAMBP;STAMBP	0.0651487	0.735405	0.939199	-1.06474	0.0592072	1.48278	1.48278	0.0224229	1.65837	1.65837	0.707234	1.07227	1.07227	0.268044	1.23782	1.23782
cg00554068	TNIP1	0.0651502	0.0512374	0.356408	-2.80577	0.95297	1.02779	1.02779	0.400231	0.670191	-1.49211	0.709183	1.19019	1.19019	0.0101489	0.221587	-4.5129
cg21604450	SGIP1	0.0651524	0.0572522	0.745033	-1.34222	0.0356719	0.715664	-1.3973	0.168313	1.22249	1.22249	0.0467709	0.732341	-1.36548	0.801222	1.03512	1.03512
cg13189147	B3GNTL1	0.0651529	0.212704	0.824194	-1.21331	0.254827	1.19142	1.19142	0.0769135	1.33614	1.33614	0.89094	1.02042	1.02042	0.00660731	0.594838	-1.68113
cg21682062	FAF1	0.0651533	0.723566	1.07254	1.07254	0.692388	1.08157	1.08157	0.235013	1.27819	1.27819	0.773287	0.944634	-1.05861	0.870583	0.96836	-1.03267
cg12882189	C17orf62;C17orf62;C17orf62	0.0651544	0.290759	0.591492	-1.69064	0.841061	1.10094	1.10094	0.183302	1.96645	1.96645	0.118682	0.444309	-2.25069	0.0274031	0.286566	-3.48959
cg10375409	CD247;CD247	0.065155	0.0319251	0.501535	-1.99388	0.191207	0.683955	-1.46208	0.410966	0.793911	-1.25959	0.748095	0.91535	-1.09248	0.00352086	0.33749	-2.96305
cg12797594	RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9	0.0651564	0.2309	0.36887	-2.71098	0.309794	0.43429	-2.30261	0.468311	0.55679	-1.79601	0.00266978	0.0370419	-26.9965	0.116623	0.258481	-3.86876
cg15600365	LOC100306951;INPP5K;INPP5K;INPP5K	0.0651566	0.0754277	2.31789	2.31789	0.0622524	2.4387	2.4387	0.0246169	3.11684	3.11684	0.0693648	2.36993	2.36993	0.18236	1.82415	1.82415
cg03407889	LOC729156	0.0651576	0.654084	0.841217	-1.18875	0.00661468	0.258858	-3.86312	0.0865765	0.48399	-2.06616	0.831473	0.921551	-1.08513	0.0955659	0.495646	-2.01757
cg05741490	FDX1	0.0651582	0.0548409	0.390551	-2.56049	0.828645	1.0981	1.0981	0.298553	0.628005	-1.59234	0.722994	0.857565	-1.16609	0.00686264	0.220591	-4.53328
cg02856475	SP2	0.0651586	0.156472	0.677471	-1.47608	0.558449	0.858975	-1.16418	0.0675352	0.590868	-1.69242	0.0104016	0.436551	-2.29068	0.0105962	0.437906	-2.28359
cg18363008	TM4SF5	0.065161	0.841697	0.924607	-1.08154	0.0468056	2.44046	2.44046	0.530635	1.28272	1.28272	0.332395	1.47989	1.47989	0.578953	0.802739	-1.24573
cg12955127	WDR77;ATP5F1	0.0651611	0.0289938	0.221646	-4.51171	0.0399926	0.249221	-4.0125	0.0723396	0.309194	-3.23421	0.605919	0.73741	-1.3561	0.0251875	0.210506	-4.75045
cg05789714	KCNE3;KCNE3	0.0651614	0.0128178	6.22921	6.22921	0.425119	1.6193	1.6193	0.125341	2.66896	2.66896	0.410827	0.607935	-1.64491	0.847	0.891979	-1.1211
cg05157702	PIR;PIR	0.0651621	0.487223	1.32486	1.32486	0.208622	0.589629	-1.69598	0.165074	0.554239	-1.80428	0.0194413	0.324341	-3.08317	0.00756359	0.254269	-3.93284
cg03402001	ZNF598	0.0651625	0.0656624	5.02705	5.02705	?	?	?	0.497671	1.71295	1.71295	0.0708145	0.206378	-4.84548	0.0452614	0.166036	-6.02278
cg13926338	SORT1	0.0651626	0.098853	1.3843	1.3843	0.0466687	1.50582	1.50582	0.522164	1.12364	1.12364	0.366844	0.846546	-1.18127	0.567851	1.10933	1.10933
cg27610961	CAND1	0.0651632	0.175345	1.18789	1.18789	0.261409	0.869429	-1.15018	0.545	1.07593	1.07593	0.620558	1.06143	1.06143	0.348303	1.12227	1.12227
cg25398924	DLGAP2	0.0651637	0.0172858	0.350918	-2.84967	0.235926	1.56602	1.56602	0.0209691	2.72654	2.72654	0.857887	0.937321	-1.06687	0.926432	0.967198	-1.03391
cg06225983	ZNF646;ZNF668;ZNF646	0.0651651	0.667929	1.04955	1.04955	0.723729	0.961013	-1.04057	0.306323	1.126	1.126	0.0820522	0.805831	-1.24095	0.229467	0.868232	-1.15177
cg22637834	AKT3;AKT3	0.0651652	0.1444	1.35023	1.35023	0.899149	0.97601	-1.02458	0.320624	1.21717	1.21717	0.16529	1.32769	1.32769	0.325323	0.823239	-1.21471
cg04813719	KLC2;KLC2;KLC2;KLC2;KLC2	0.0651667	0.918301	1.04629	1.04629	0.159239	0.511544	-1.95487	0.487565	1.36589	1.36589	0.640237	1.231	1.231	0.0149531	0.255597	-3.91241
cg24492749	RPS6KA2	0.0651675	0.0282067	1.88344	1.88344	0.185524	1.40916	1.40916	0.333253	1.27615	1.27615	0.107013	1.53707	1.53707	0.525977	0.854707	-1.16999
cg17279103	MRPS14	0.0651679	0.0585984	0.189295	-5.28275	0.229008	0.374017	-2.67368	0.14355	0.293924	-3.40225	0.275262	0.413016	-2.42122	0.00603918	0.0611689	-16.3482
cg25834692	RBMS3;RBMS3;RBMS3	0.0651703	0.396615	1.14101	1.14101	0.0674393	1.36531	1.36531	0.435573	1.12849	1.12849	0.0461905	0.706719	-1.41499	0.878108	0.976947	-1.0236
cg05330497	C16orf80	0.065172	0.00367406	0.227397	-4.3976	0.938192	1.02968	1.02968	0.0707954	0.467045	-2.14112	0.747145	1.12975	1.12975	0.54609	0.794235	-1.25907
cg26106058	DMD;DMD;DMD;DMD;DMD;DMD	0.0651738	0.0317656	0.330663	-3.02422	0.0235231	0.304431	-3.28482	0.146336	0.50382	-1.98484	0.465791	0.72157	-1.38587	0.0418974	0.356678	-2.80365
cg20632873	ARHGEF2;ARHGEF2;ARHGEF2	0.0651756	0.837001	0.963831	-1.03753	0.626683	1.09161	1.09161	0.465493	1.14205	1.14205	0.0248058	1.6125	1.6125	0.241304	0.803045	-1.24526
cg12790874	CLYBL	0.0651771	0.543561	0.529485	-1.88863	0.568838	1.81401	1.81401	0.0512185	9.93428	9.93428	0.134373	0.18835	-5.30926	0.518248	0.507959	-1.96866
cg14335782	MAP1LC3A;MAP1LC3A;MAP1LC3A	0.0651795	0.480078	1.81349	1.81349	0.152846	0.28096	-3.55922	0.0682463	0.183973	-5.43558	0.373002	0.468437	-2.13476	0.579376	0.628592	-1.59086
cg16540391	PLEKHG1	0.0651798	0.259737	0.41202	-2.42707	0.00204522	0.0377143	-26.5152	0.0293131	0.144248	-6.93252	0.443039	0.554407	-1.80373	0.198299	0.358661	-2.78815
cg04353312	LOC285796	0.0651799	0.524095	0.850033	-1.17643	0.219994	0.72283	-1.38345	0.0293403	0.524153	-1.90784	0.734794	1.08934	1.08934	0.0145945	2.13183	2.13183
cg09391949	JPH3	0.0651803	0.0113784	0.341601	-2.92739	0.767739	1.10562	1.10562	0.266531	0.675375	-1.48066	0.0462131	0.461005	-2.16917	0.0095642	0.328743	-3.04189
cg22291627	TRPS1	0.0651807	?	?	?	0.584124	0.651555	-1.53479	0.971307	1.02827	1.02827	0.112357	0.261938	-3.8177	0.0657388	0.201824	-4.95481
cg16493698	TXNL4A	0.0651848	0.308545	1.24562	1.24562	0.843403	1.04208	1.04208	0.0584823	1.56126	1.56126	0.418094	1.18819	1.18819	0.0639731	1.54321	1.54321
cg08462478	ATP6V0D2	0.0651852	0.0526138	0.603332	-1.65746	0.0737713	0.633139	-1.57943	0.219182	0.743548	-1.3449	0.474654	0.84643	-1.18143	0.0115682	0.484782	-2.06278
cg16560627	NLRP10	0.065186	0.300883	1.43652	1.43652	0.478072	1.27599	1.27599	0.109542	0.554576	-1.80318	0.932772	0.971892	-1.02892	0.00709616	0.308691	-3.23948
cg25420952	AMBP	0.0651875	0.913414	0.949292	-1.05342	0.585897	1.30108	1.30108	0.0530147	0.349255	-2.86323	0.351637	0.63216	-1.58188	0.309781	0.604797	-1.65345
cg10890291	HSP90AB1	0.0651878	0.978489	1.0047	1.0047	0.206206	1.26087	1.26087	0.815952	0.960278	-1.04137	0.233079	1.2428	1.2428	0.449452	0.874601	-1.14338
cg24530608	EIF2S3	0.0651886	0.0366614	0.653719	-1.52971	0.240336	0.80635	-1.24016	0.981846	1.00399	1.00399	0.131036	0.751665	-1.33038	0.216332	0.796289	-1.25583
cg24278033	PBX2	0.0651891	0.685164	0.921714	-1.08493	0.0350383	0.611888	-1.63429	0.613419	1.10726	1.10726	0.29093	1.24507	1.24507	0.0482839	0.636766	-1.57043

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20557710	0.128677	0.604541	-1.65415	0.0364508	0.474633	-2.10689	0.797109	1.08216	1.08216	0.103683	0.579608	-1.7253	3.05923	4.55142	1.32246	1
cg15478081	0.0495781	0.572637	-1.74631	0.00948656	2.26569	2.26569	0.299612	1.3067	1.3067	0.82161	1.05781	1.05781	3.05923	3.0004	0.871796	1
cg25104648	0.183712	0.817951	-1.22257	0.70559	1.05557	1.05557	0.25019	0.842645	-1.18674	0.331829	1.15333	1.15333	3.05921	0.98358	0.285791	1
cg20242937	0.350904	0.734032	-1.36234	0.498435	0.801456	-1.24773	0.347083	0.732121	-1.36589	0.00975576	0.349039	-2.86501	3.05921	5.02522	1.46014	1
cg12595293	0.494788	1.28694	1.28694	0.548414	0.801736	-1.24729	0.00457028	3.95145	3.95145	0.0902753	1.97246	1.97246	3.05918	6.41539	1.86409	1
cg08048279	0.423564	0.751197	-1.33121	0.274883	0.671908	-1.4883	0.227244	0.641657	-1.55847	0.959276	0.982286	-1.01803	3.05917	5.93588	1.72476	1
cg11143876	0.661821	0.898713	-1.1127	0.745766	1.08214	1.08214	0.383898	0.805225	-1.24189	0.140538	0.680673	-1.46913	3.05915	2.85236	0.828802	1
cg10122434	0.115459	0.352568	-2.83633	0.0298078	0.21064	-4.74743	0.0277043	0.204852	-4.88157	0.181488	0.421421	-2.37292	3.05915	17.981	5.22469	1
cg10962166	0.255223	1.30236	1.30236	0.703822	1.08866	1.08866	0.0933728	1.5075	1.5075	0.467078	0.848248	-1.1789	3.05915	2.39647	0.696337	1
cg00042882	0.235478	0.590985	-1.69209	0.00551245	0.213674	-4.68002	0.733135	0.865215	-1.15578	0.114694	0.483984	-2.06618	3.05911	8.6701	2.51928	1
cg17689763	0.0475828	0.557742	-1.79294	0.0898287	0.617653	-1.61903	0.680101	1.11275	1.11275	0.0270924	0.509552	-1.96251	3.05907	3.21695	0.934763	1
cg25365006	0.450022	1.34264	1.34264	0.0793195	2.10771	2.10771	0.0843732	0.481523	-2.07674	0.641344	0.835626	-1.19671	3.05907	7.09886	2.06275	1
cg05104995	0.00651811	0.299469	-3.33925	0.530902	0.805338	-1.24171	0.248854	0.662924	-1.50847	0.146213	0.587433	-1.70232	3.05905	5.63569	1.6376	1
cg13246856	0.0669516	2.31363	2.31363	0.105838	2.0576	2.0576	0.122785	1.97976	1.97976	0.392198	1.43054	1.43054	3.05903	8.08313	2.34878	1
cg02292066	0.00922813	1.57259	1.57259	0.0790326	1.30623	1.30623	0.304501	0.864437	-1.15682	0.596667	0.929449	-1.07591	3.05902	0.909211	0.264199	1
cg04569179	0.294958	0.82975	-1.20518	0.00399306	1.94423	1.94423	0.330292	0.841461	-1.18841	0.587042	0.910074	-1.09881	3.059	1.4304	0.415648	1
cg02955989	0.962702	0.976126	-1.02446	0.248214	0.535925	-1.86593	0.304049	0.576924	-1.73333	0.634919	0.781011	-1.28039	3.059	12.9363	3.75906	1
cg14483283	0.0321532	0.46686	-2.14197	0.853836	1.05757	1.05757	0.171903	1.55489	1.55489	0.176768	1.54624	1.54624	3.05899	4.46354	1.29703	1
cg14809191	0.446326	0.754379	-1.32559	0.267908	0.657677	-1.5205	0.00231161	4.69109	4.69109	0.579961	1.22505	1.22505	3.0589	6.38736	1.85611	1
cg27304199	0.00391007	0.314639	-3.17825	0.475527	0.805722	-1.24112	0.552577	1.19587	1.19587	0.408756	0.777598	-1.28601	3.05888	4.29407	1.24782	1
cg00739582	0.6014	1.34258	1.34258	0.988092	0.991693	-1.00838	0.528043	1.42949	1.42949	0.028738	0.2365	-4.22832	3.05887	15.1339	4.39783	1
cg02089348	0.313408	0.588168	-1.70019	0.0121971	0.20397	-4.90267	0.0230908	0.250847	-3.9865	0.314588	0.588981	-1.69785	3.05886	12.5527	3.64775	1
cg07122529	0.25261	1.33281	1.33281	0.00353999	2.58682	2.58682	0.628994	1.12417	1.12417	0.698998	1.09792	1.09792	3.05884	2.80004	0.813682	1
cg19923485	0.783511	1.13006	1.13006	0.263295	0.595861	-1.67824	0.149389	1.9864	1.9864	0.226935	0.569382	-1.75629	3.05883	9.54885	2.77488	1
cg24144419	0.26691	0.629176	-1.58938	0.659762	0.837384	-1.19419	0.0279116	0.353215	-2.83114	0.611117	1.22804	1.22804	3.09995	7.00313	2.25911	1
cg22149783	0.392953	1.406	1.406	0.0156633	0.315518	-3.16939	0.745031	1.13548	1.13548	0.507713	0.769767	-1.2991	3.0587	7.34445	2.13437	1
cg26249038	0.544585	0.941679	-1.06193	0.259652	1.12213	1.12213	0.123079	0.849001	-1.17785	0.0110712	0.731847	-1.36641	3.05868	0.46514	0.135175	1
cg10638415	0.352435	1.25082	1.25082	0.00888176	0.458957	-2.17886	0.197462	1.37525	1.37525	0.165285	1.41361	1.41361	3.05867	2.64986	0.770085	1
cg06247837	0.586501	0.893516	-1.11917	0.158439	1.36217	1.36217	0.0259017	1.71974	1.71974	0.0453664	1.60093	1.60093	3.05867	2.03593	0.591668	1
cg06170110	0.810468	1.07408	1.07408	0.0761997	1.79833	1.79833	0.276497	1.40031	1.40031	0.89153	0.960227	-1.04142	3.0586	4.28612	1.24563	1
cg11963755	0.655863	1.33986	1.33986	0.0632724	3.90591	3.90591	0.255748	0.461217	-2.16818	0.113735	0.32547	-3.07248	3.05859	20.6108	5.98993	1
cg27519016	0.078611	0.404291	-2.47346	0.12571	0.46385	-2.15587	0.0896363	0.420002	-2.38094	0.171987	0.509647	-1.96214	3.05859	10.4112	3.02572	1
cg14572634	0.966585	1.019	1.019	0.0111049	0.239216	-4.18033	0.582178	0.779078	-1.28357	0.479005	0.723744	-1.3817	3.05858	9.77679	2.84134	1
cg02718725	0.490924	0.891985	-1.1211	0.805606	1.0411	1.0411	0.160001	1.27795	1.27795	0.14629	1.29017	1.29017	3.05857	1.29287	0.375738	1
cg23860217	0.0156163	0.206324	-4.84675	0.118745	2.46349	2.46349	0.109045	2.53557	2.53557	0.180065	2.13393	2.13393	3.05852	13.7306	3.99049	1
cg06460350	0.753858	0.975899	-1.0247	0.0386328	1.20415	1.20415	0.592094	0.958919	-1.04284	0.14659	0.886169	-1.12845	3.05849	0.291383	0.0846846	1
cg01808508	0.52163	0.689835	-1.44962	0.00981814	0.154753	-6.46192	0.0195164	0.19916	-5.02108	0.109686	0.369036	-2.70976	3.05848	15.8287	4.60032	1
cg24082249	0.421969	0.544197	-1.83757	0.0136815	0.104169	-9.59981	0.673971	0.730621	-1.3687	0.066807	0.217781	-4.59178	3.05844	26.6509	7.74569	1
ch.18.658499F	0.535342	0.643928	-1.55297	0.0623963	0.229758	-4.3524	0.236042	0.41867	-2.38852	0.535977	0.64438	-1.55188	3.05839	23.8157	6.9218	1
cg19880942	0.673443	1.20926	1.20926	0.134016	2.06347	2.06347	0.498419	1.3608	1.3608	0.160819	0.510962	-1.95709	3.05833	9.73301	2.82885	1
cg17652435	0.67478	1.38722	1.38722	0.745996	0.777184	-1.2867	0.00122477	39.1808	39.1808	0.409482	1.92366	1.92366	3.05831	29.1357	8.46822	1
ch.11.2683828f	0.566022	0.712715	-1.40309	0.0269457	0.216659	-4.61554	0.182981	0.438283	-2.28163	0.129604	0.384461	-2.60104	3.0583	16.5066	4.79762	1
cg27179352	0.122699	1.76079	1.76079	0.0440987	0.45729	-2.1868	0.898796	1.04398	1.04398	0.0408698	0.450042	-2.22202	3.05829	5.54248	1.61091	1
cg27495223	0.0164952	0.183411	-5.45223	0.456287	0.64452	-1.55154	0.462306	1.54217	1.54217	0.619941	0.748691	-1.33566	3.05828	16.2341	4.71844	1
cg03073814	0.0925423	0.800697	-1.24891	0.125271	1.22046	1.22046	0.067232	1.27924	1.27924	0.512831	1.08295	1.08295	3.05825	0.698309	0.202966	1
cg20469419	0.0591907	0.475417	-2.10342	0.258785	0.662818	-1.50871	0.0241482	2.55606	2.55606	0.202626	0.625309	-1.59921	3.05823	5.90116	1.7152	1
cg06007850	0.19167	0.54094	-1.84863	0.488306	0.731274	-1.36748	0.547189	0.762771	-1.31101	0.0635076	0.395541	-2.52818	3.05823	9.57119	2.78191	1
cg12681499	0.282256	1.22121	1.22121	0.0902157	0.716096	-1.39646	0.647693	1.08577	1.08577	0.750421	0.944524	-1.05873	3.09941	1.3957	0.45031	1
cg06343615	0.662279	0.929875	-1.07541	0.173006	1.27109	1.27109	0.168969	0.784707	-1.27436	0.0648556	0.709636	-1.40917	3.0582	1.32552	0.385273	1
cg04562611	0.194985	1.54221	1.54221	0.00759004	2.95988	2.95988	0.858884	1.05785	1.05785	0.120685	1.70217	1.70217	3.05811	4.83727	1.40603	1
cg06857837	0.131811	1.38095	1.38095	0.343015	1.2139	1.2139	0.349641	0.826099	-1.21051	0.542511	0.884859	-1.13012	3.0581	1.90702	0.554307	1
cg00490209	0.260214	1.35306	1.35306	0.791524	1.07059	1.07059	0.134138	0.659735	-1.51576	0.259049	1.35415	1.35415	3.05806	3.21062	0.933233	1
cg00276443	0.158897	0.399611	-2.50244	0.00841124	0.128696	-7.77023	0.0198202	0.180209	-5.54911	0.193291	0.432313	-2.31314	3.058	17.9726	5.22421	1
cg22976360	0.726071	1.03272	1.03272	0.0721412	0.832199	-1.20164	0.221263	0.888988	-1.12487	0.27211	1.11029	1.11029	3.05798	0.405639	0.117911	1
cg16394646	0.171609	1.26093	1.26093	0.00641663	1.75921	1.75921	0.137888	0.77529	-1.28984	0.0580927	0.710906	-1.40666	3.05795	1.2291	0.357277	1
cg13933043	0.118894	1.97277	1.97277	0.0978658	2.0729	2.0729	0.0406513	2.58257	2.58257	0.435555	0.726637	-1.3762	3.05794	7.80379	2.26843	1
cg07029862	0.248811	2.59344	2.59344	0.0025114	0.0362273	-27.6035	0.266239	0.400197	-2.49877	0.291341	0.420796	-2.37645	3.05793	30.2684	8.7985	1
cg24651092	0.704625	1.05223	1.05223	0.0156383	1.48612	1.48612	0.0865547	0.776409	-1.28798	0.120289	0.7983	-1.25266	3.05791	0.865444	0.251571	1
cg22894329	0.812883	0.968299	-1.03274	0.0109295	1.54334	1.54334	0.998333	0.999716	-1.00028	0.042507	0.728088	-1.37346	3.0579	0.893814	0.25982	1
cg06376129	0.331679	1.29461	1.29461	0.00571274	0.39285	-2.5455	0.407557	1.2441	1.2441	0.226273	1.38758	1.38758	3.05784	3.21894	0.93572	1
cg24059404	0.315659	0.838373	-1.19279	0.0421311	0.67176	-1.48863	0.310735	1.19509	1.19509	0.867584	0.972044	-1.02876	3.05783	1.39831	0.40648	1
cg10458446	0.430858	1.28805	1.28805	0.0571904	0.507939	-1.96874	0.854749	0.94394	-1.05939	0.224466	0.669163	-1.4944	3.05783	4.8002	1.39539	1
cg23448584	0.713736	0.91574	-1.09201	0.0611461	0.60405	-1.65549	0.605904	1.1324	1.1324	0.571962	0.872458	-1.14619	3.05778	2.76407	0.803507	1
cg23442198	0.00357593	0.122655	-8.15296	0.184939	2.11196	2.11196	0.842935	0.899886	-1.11125	0.790751	0.868137	-1.15189	3.05774	13.6928	3.98051	1
cg19284039	0.400154	1.75431	1.75431	0.515801	1.53729	1.53729	0.203922	2.39902	2.39902	0.0794017	3.56366	3.56366	3.05774	20.6263	5.9961	1
cg04992875	0.26086	0.809762	-1.23493	0.047157	0.664493	-1.50491	0.911426	1.02023	1.02023	0.169516	1.30127	1.30127	3.05773	1.56811	0.455852	1
cg13833185	0.665991	1.16178	1.16178	0.339004	1.40536	1.40536	0.880145	1.05348	1.05348	0.799271	0.915776	-1.09197	3.05772	5.77366	1.67842	1
cg07830103	0.210543	0.82309	-1.21493	0.00873816	0.610819	-1.63715	0.862283	1.02595	1.02595	0.622881	1.07588	1.07588	3.05771	1.05452	0.306554	1
cg11816229	0.0385239	1.39576	1.39576	0.00753725	1.61331	1.61331	0.974114	0.995497	-1.00452	0.98951	1.00183	1.00183	3.05768	0.937065	0.272412	1
cg05501357	0.427991	0.866427	-1.15417	0.0383691	1.5298	1.5298	0.0648062	1.44404	1.44404	0.0478359	0.669738	-1.49312	3.05767	1.52018	0.44193	1
ch.1.3178922R	0.116471	0.397608	-2.51504	0.0419932	0.281648	-3.55053	0.148231	0.432319	-2.31311	0.202617	0.483203	-2.06952	3.05766	14.1579	4.11582	1
cg15887459	0.113232	0.384847	-2.59843	0.174154	0.448922	-2.22756	0.0366469	3.83879	3.83879	0.086423	2.85579	2.85579	3.05764	14.8628	4.32077	1
cg11272200	0.298734	1.16581	1.16581	0.00480552	0.586858	-1.70399	0.968289	1.00568	1.00568	0.738281	0.953358	-1.04892	3.05759	0.982511	0.285631	1
cg14478255	0.204988	0.44675	-2.23839	0.234629	0.472078	-2.1183	0.120176	0.362151	-2.76128	0.439791	0.622061	-1.60756	3.05755	17.5791	5.11058	1
cg17180705	0.00677353	1.57282	1.57282	0.0148502	1.47209	1.47209	0.669951	1.05688	1.05688	0.176024	1.20399	1.20399	3.05752	0.806319	0.234415	1
cg07480327	?	?	?	?	?	?	0.707408	1.36119	1.36119	0.991	1.00925	1.00925	3.86551	21.5925	6.70313	1
cg11344668	0.657738	0.936733	-1.06754	0.00155376	0.513318	-1.94811	0.221517	1.20726	1.20726	0.468876	1.11407	1.11407	3.05742	1.0404	0.302477	1
cg22689396	0.561256	0.61636	-1.62243	0.00321159	0.036405	-27.4688	0.176793	3.26337	3.26337	0.312503	2.36468	2.36468	3.05742	32.8604	9.55357	1
cg25661992	0.118685	0.762919	-1.31075	0.004251	0.542657	-1.84278	0.32403	1.17672	1.17672	0.901078	0.980328	-1.02007	3.05741	1.23602	0.35935	1
cg13616033	0.0990094	1.46833	1.46833	0.879969	0.968416	-1.03261	0.00823491	0.487826	-2.04991	0.148697	1.38953	1.38953	3.0574	2.1842	0.63502	1
cg24945092	0.393144	1.16035	1.16035	0.00485979	1.88676	1.88676	0.0591603	0.696116	-1.43654	0.743957	1.0573	1.0573	3.0574	1.39972	0.406948	1
cg12807330	0.0791348	0.272683	-3.66726	0.0160089	0.140068	-7.1394	0.308465	0.495251	-2.01918	0.110404	0.31357	-3.18908	3.05734	21.5177	6.25604	1
cg13944099	0.264103	1.50216	1.50216	0.0202255	2.66145	2.66145	0.403261	1.34849	1.34849	0.145079	1.72809	1.72809	3.05734	5.91682	1.72025	1
cg11312554	0.145793	0.480166	-2.08261	0.0179752	0.259095	-3.85958	0.254189	0.57159	-1.74951	0.0807042	0.402545	-2.48419	3.05731	10.6857	3.10677	1
cg25003658	0.215454	0.745751	-1.34093	0.221789	1.33502	1.33502	0.455188	0.842694	-1.18667	0.267256	0.771009	-1.297	3.0573	2.4515	0.712755	1
cg11661631	0.0726607	0.595328	-1.67975	0.290505	0.752692	-1.32856	0.247271	1.36794	1.36794	0.50238	0.838364	-1.1928	3.0573	3.24773	0.944254	1
cg10530055	0.106279	1.57262	1.57262	0.590977	1.14942	1.14942	0.437338	0.815979	-1.22552	0.0759786	1.66009	1.66009	3.0573	3.19013	0.927508	1
cg02710132	0.979281	1.00286	1.00286	0.672416	1.04785	1.04785	0.260759	1.13759	1.13759	0.0686761	1.25103	1.25103	3.05728	0.58492	0.170062	1
cg10823322	0.16143	0.373832	-2.675	0.0245866	0.171768	-5.8218	0.014361	0.13727	-7.28493	0.0945273	0.298428	-3.35089	3.05728	20.9624	6.09472	1
cg19342764	0.0813609	0.229646	-4.35453	?	?	?	?	?	?	?	?	?	3.98135	14.3428	5.40374	1
cg01837657	0.0541688	11.3336	11.3336	0.0318906	16.3402	16.3402	0.0212664	21.6659	21.6659	0.0919677	7.8529	7.8529	3.05726	59.7593	17.3749	1
cg04835122	0.120095	0.732104	-1.36593	0.026849	0.615745	-1.62405	0.801343	0.954446	-1.04773	0.991179	1.00205	1.00205	3.05726	1.65596	0.481466	1
cg00554068	0.117843	0.454181	-2.20177	0.012224	0.23438	-4.26658	0.84606	0.913626	-1.09454	0.10069	0.433609	-2.30623	3.05723	10.458	3.04067	1
cg21604450	0.682392	1.05791	1.05791	0.396448	1.12617	1.12617	0.0283018	0.701668	-1.42518	0.937889	0.989393	-1.01072	3.05719	0.906601	0.263598	1
cg13189147	0.715277	1.05545	1.05545	0.18196	1.23209	1.23209	0.348143	0.86736	-1.15292	0.403343	1.13426	1.13426	3.05718	1.05081	0.305529	1
cg21682062	0.118186	0.715682	-1.39727	0.00188616	0.419492	-2.38383	0.944571	0.986383	-1.01381	0.780037	1.05676	1.05676	3.05717	1.88274	0.547417	1
cg12882189	0.156591	0.483957	-2.0663	0.00832092	0.198801	-5.03016	0.554744	1.33131	1.33131	0.388103	0.654638	-1.52756	3.05715	11.1073	3.22952	1
cg10375409	0.376367	0.779433	-1.28298	0.0327717	0.503786	-1.98497	0.5078	0.831577	-1.20253	0.0905403	0.599347	-1.66848	3.05714	3.64826	1.06076	1
cg12797594	0.697511	0.733478	-1.36337	0.0492463	0.168446	-5.93661	0.043175	0.157872	-6.33424	0.136722	0.28022	-3.56863	3.05712	30.4904	8.86542	1
cg15600365	0.0713072	2.35266	2.35266	0.109141	2.10015	2.10015	0.0450397	2.65608	2.65608	0.0106368	3.91259	3.91259	3.05711	8.73435	2.53961	1
cg03407889	0.60714	0.819701	-1.21996	0.120026	0.52385	-1.90894	0.0123661	0.303048	-3.29981	0.0889685	0.487173	-2.05266	3.05709	7.11538	2.06889	1
cg05741490	0.39596	0.687071	-1.45545	0.0177943	0.288225	-3.46951	0.0404301	0.359897	-2.77857	0.230228	0.580737	-1.72195	3.05708	9.02511	2.62418	1
cg02856475	0.170582	0.68737	-1.45482	0.276965	0.747911	-1.33706	0.341794	1.28612	1.28612	0.332683	0.773588	-1.29268	3.05707	3.19517	0.929044	1
cg18363008	0.0163186	3.1615	3.1615	0.00721313	3.89326	3.89326	0.742942	0.878971	-1.13769	0.209322	1.67985	1.67985	3.05703	7.43944	2.16316	1
cg12955127	0.224692	0.474033	-2.10956	0.0166472	0.180626	-5.53629	0.0369508	0.242149	-4.12969	0.215564	0.466296	-2.14456	3.05703	16.5876	4.82315	1
cg05789714	0.704014	0.797819	-1.25342	0.642805	0.758521	-1.31835	0.549157	0.698596	-1.43144	0.00886625	7.17931	7.17931	3.05702	16.9551	4.93003	1
cg05157702	0.32023	1.5058	1.5058	0.372452	0.694251	-1.4404	0.629802	1.21356	1.21356	0.272858	0.634567	-1.57588	3.05701	7.68982	2.23598	1
cg03402001	0.716812	0.752194	-1.32944	?	?	?	?	?	?	?	?	?	3.3022	17.7558	8.60315	1
cg13926338	0.146848	1.32286	1.32286	0.00998757	0.557348	-1.79421	0.70279	0.933429	-1.07132	0.641861	0.919274	-1.08781	3.057	1.56349	0.454618	1
cg27610961	0.677934	0.951333	-1.05116	0.00503977	1.55757	1.55757	0.0397337	1.32852	1.32852	0.0639497	1.28242	1.28242	3.05699	0.691008	0.200926	1
cg25398924	0.921153	0.964878	-1.0364	0.23178	0.635771	-1.57289	0.802865	1.09454	1.09454	0.0672742	0.476857	-2.09707	3.05698	6.31416	1.83599	1
cg06225983	0.17563	1.17511	1.17511	0.0157015	0.717644	-1.39345	0.0453614	0.773204	-1.29332	0.229084	1.15191	1.15191	3.05695	0.607866	0.176753	1
cg22637834	0.453379	1.15752	1.15752	0.0510627	1.53043	1.53043	0.134512	0.734157	-1.36211	0.0168885	0.572246	-1.7475	3.05695	1.77578	0.516355	1
cg04813719	0.778667	0.883099	-1.13238	0.103364	2.21823	2.21823	0.0189371	0.274633	-3.64122	0.372861	1.49945	1.49945	3.29221	9.92855	2.3456	1
cg24492749	0.982774	1.00529	1.00529	0.0426951	1.76831	1.76831	0.00727069	2.33006	2.33006	0.111369	1.52759	1.52759	3.05691	2.88992	0.840333	1
cg17279103	0.161437	0.311923	-3.20591	0.0108651	0.0827865	-12.0793	0.0898236	0.232991	-4.29201	0.492961	0.581324	-1.72021	3.0569	29.3838	8.54426	1
cg25834692	0.407258	0.879129	-1.13749	0.0359811	1.44876	1.44876	0.0469114	1.41292	1.41292	0.249101	0.832717	-1.20089	3.05686	1.118	0.325097	1
cg05330497	0.0703467	0.466347	-2.14432	0.138478	0.548007	-1.82479	0.790144	0.904308	-1.10582	0.0514188	0.4333	-2.30787	3.05682	6.88515	2.00212	1
cg26106058	0.14006	0.497585	-2.00971	0.00747022	0.219966	-4.54617	0.446704	0.711067	-1.40634	0.114487	0.470137	-2.12704	3.05679	9.35794	2.72121	1
cg20632873	0.0107901	0.563991	-1.77308	0.0780366	0.704581	-1.41928	0.912217	0.980472	-1.01992	0.585667	0.906253	-1.10344	3.05676	1.5482	0.450208	1
cg12790874	0.334514	0.357249	-2.79917	0.060418	0.111932	-8.93399	0.0148504	22.1767	22.1767	0.69847	0.668592	-1.49568	3.05673	51.7775	15.0567	1
cg14335782	0.682541	0.711065	-1.40634	0.819421	1.20878	1.20878	0.00430127	23.7088	23.7088	0.543187	0.600309	-1.66581	3.05668	33.2864	9.67976	1
cg16540391	0.304248	0.448224	-2.23103	0.0856309	0.238615	-4.19086	0.304289	0.448257	-2.23086	0.503331	0.59915	-1.66903	3.05668	27.537	8.00781	1
cg04353312	0.882215	1.03802	1.03802	0.109144	1.55221	1.55221	0.475998	1.2001	1.2001	0.154172	1.46801	1.46801	3.05668	3.06639	0.891713	1
cg09391949	0.260836	0.671934	-1.48824	0.764236	1.10736	1.10736	0.727903	1.12571	1.12571	0.931135	0.971122	-1.02974	3.05667	5.56459	1.6182	1
cg22291627	0.0952495	4.13955	4.13955	0.00922867	0.077217	-12.9505	0.742533	0.774549	-1.29107	0.142887	0.295117	-3.38848	3.09781	26.1937	8.45554	1
cg16493698	0.0213467	0.56188	-1.77974	0.954489	1.01196	1.01196	0.17529	0.740537	-1.35037	0.0821579	1.49382	1.49382	3.05659	2.10235	0.611386	1
cg08462478	0.49996	0.854687	-1.17002	0.0567658	1.63963	1.63963	0.587083	1.13399	1.13399	0.556413	0.872477	-1.14616	3.05658	2.54571	0.740323	1
cg16560627	0.0160122	0.369229	-2.70835	0.36235	0.728789	-1.37214	0.509627	0.797692	-1.25362	0.337614	0.716024	-1.3966	3.05656	5.52757	1.60749	1
cg25420952	0.322777	0.613453	-1.63012	0.162256	0.48974	-2.0419	0.00215814	0.127389	-7.84994	0.142145	0.470008	-2.12762	3.05654	11.081	3.22253	1
cg10890291	0.0198676	1.63033	1.63033	0.0127204	0.583775	-1.71299	0.162672	1.29577	1.29577	0.988015	1.00261	1.00261	3.05653	1.46304	0.425477	1
cg24530608	0.0307116	1.55954	1.55954	0.123876	1.33879	1.33879	0.23207	1.24537	1.24537	0.408518	1.15952	1.15952	3.05651	1.48395	0.431559	1
cg24278033	0.0359206	1.62923	1.62923	0.667645	1.09024	1.09024	0.159736	1.35049	1.35049	0.146317	1.36598	1.36598	3.05651	1.93635	0.563127	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg08585558	MIR20B;MIR363;MIR18B;MIR106A;MIR19B2;MIR92A2	0.0651899	0.823498	1.10166	1.10166	0.0703594	2.40283	2.40283	0.894306	0.944017	-1.0593	0.488139	0.736931	-1.35698	0.00276623	0.167129	-5.9834
cg26527583	SERTAD1	0.06519	0.987879	0.998455	-1.00155	0.0559861	0.802269	-1.24646	0.622737	0.950787	-1.05176	0.567	1.06066	1.06066	0.149824	1.17015	1.17015
ch.11.1810631	DLG2;DLG2	0.0651902	0.0164175	0.373294	-2.67886	0.0944954	0.539235	-1.85448	0.0342932	0.436157	-2.29275	0.0240201	0.404727	-2.4708	0.081517	0.522694	-1.91316
cg21832096	WIPF2	0.0651933	0.136058	1.37189	1.37189	0.0136785	1.82257	1.82257	0.644626	1.09573	1.09573	0.142161	1.36427	1.36427	0.512562	0.877451	-1.13967
cg00459816	ERBB2;ERBB2	0.0651957	0.0416815	0.513658	-1.94682	0.0148479	2.34021	2.34021	0.84795	1.05597	1.05597	0.149632	1.55008	1.55008	0.252242	0.712249	-1.404
cg19811786	SNX6;SNX6	0.0651972	0.281628	0.890581	-1.12286	0.255836	0.884402	-1.13071	0.0144545	0.731887	-1.36633	0.182734	0.863786	-1.15769	0.02732	0.763051	-1.31053
cg00287477	ACSL1;SLED1	0.0651975	0.459981	1.21366	1.21366	0.155301	0.676095	-1.47908	0.0282967	1.94739	1.94739	0.00655216	2.48204	2.48204	0.838999	1.05376	1.05376
cg00620190	HIST1H4F	0.065198	0.0200352	7.982	7.982	0.0200157	7.98563	7.98563	0.0437227	5.56257	5.56257	0.180277	2.86688	2.86688	0.282303	2.28645	2.28645
cg14174583	SNTG2	0.0651988	0.048982	0.508783	-1.96548	0.0652634	0.536802	-1.86288	0.12273	0.604874	-1.65324	0.350014	0.748873	-1.33534	0.0627188	0.532824	-1.87679
cg27406983	CYFIP1	0.0651989	0.519396	1.35135	1.35135	0.0320643	0.314195	-3.18274	0.192153	0.52916	-1.88979	0.888899	0.937593	-1.06656	0.00704777	0.200742	-4.98153
cg09091148	FLJ43860	0.0652035	0.00847321	0.280386	-3.56651	0.627682	0.831178	-1.20311	0.978443	0.989829	-1.01028	0.0808432	0.480724	-2.0802	0.247897	0.633152	-1.5794
cg25242824	TUBB4;MIR220B	0.0652046	0.213999	0.555255	-1.80097	0.24577	0.579339	-1.72611	0.286671	0.608044	-1.64462	0.0763503	0.412055	-2.42686	0.00619839	0.200915	-4.97722
cg13319664	DNAJC28;DNAJC28;DNAJC28	0.0652055	0.0640723	0.82067	-1.21852	0.196236	1.13858	1.13858	0.341402	1.09758	1.09758	0.285583	0.900025	-1.11108	0.474477	0.933253	-1.07152
cg08885265	CACNA1H;CACNA1H	0.0652059	0.787748	1.12465	1.12465	0.0246893	3.20365	3.20365	0.0515483	2.62391	2.62391	0.719082	0.854511	-1.17026	0.011488	0.252494	-3.96049
cg23365739	OTX2;OTX2	0.0652068	0.0661037	0.381685	-2.61996	0.794718	0.885305	-1.12955	0.096164	0.425886	-2.34804	0.0654235	0.380539	-2.62785	0.0113346	0.227334	-4.39881
cg17020695	SLC16A1;SLC16A1;SLC16A1	0.0652072	0.0689992	1.65668	1.65668	0.662085	1.11527	1.11527	0.238452	1.35842	1.35842	0.00961023	2.25526	2.25526	0.0682847	1.65935	1.65935
cg17547346	IGHMBP2;MRPL21;MRPL21	0.0652079	0.809353	0.961335	-1.04022	0.454551	0.883136	-1.13233	0.921742	0.984097	-1.01616	0.479779	0.88941	-1.12434	0.947498	1.0108	1.0108
cg14792904	RARS2;ORC3L;ORC3L	0.0652082	0.903077	0.988699	-1.01143	0.686791	1.03854	1.03854	0.251412	1.11828	1.11828	0.81984	0.978943	-1.02151	0.428507	0.927365	-1.07832
cg04145765	TRIM55;TRIM55;TRIM55;TRIM55;TRIM55;TRIM55;TRIM55	0.0652096	0.549882	0.763597	-1.30959	0.491493	1.36548	1.36548	0.333195	0.640816	-1.56051	0.0147934	0.26262	-3.80778	0.0189825	0.281875	-3.54768
cg10148451	C6orf52;C6orf52;C6orf52	0.0652102	0.191572	0.736616	-1.35756	0.335438	1.2456	1.2456	0.600148	0.889635	-1.12406	0.277881	0.779199	-1.28337	0.090376	0.661937	-1.51072
cg11789492	CACNA1H;CACNA1H	0.0652111	0.0402394	0.377925	-2.64603	0.153628	0.534055	-1.87247	0.00782631	0.246233	-4.06119	0.385263	0.693864	-1.4412	0.329413	0.661486	-1.51175
cg23673919	GOLGA6L6	0.0652149	0.0901948	0.480467	-2.08131	0.0136615	0.30201	-3.31115	0.132393	0.528658	-1.89158	0.0676814	0.447772	-2.23328	0.0309735	0.370001	-2.70269
cg20498591	ATRIP;ATRIP	0.065215	0.158811	0.751733	-1.33026	0.83806	0.961967	-1.03954	0.257103	1.2512	1.2512	0.851528	0.96512	-1.03614	0.0115633	0.549739	-1.81905
cg24719241	MYO16	0.0652159	0.427861	1.32201	1.32201	0.0564659	2.10589	2.10589	0.0145684	2.82257	2.82257	0.254798	1.50688	1.50688	0.765796	0.90211	-1.10851
cg00508771	SCN2A;SCN2A;SCN2A	0.0652175	0.0282337	0.19199	-5.20861	0.0502652	4.14405	4.14405	0.420835	1.68854	1.68854	0.98724	0.989865	-1.01024	0.615266	0.72412	-1.38099
cg14794298	ARNTL;ARNTL;ARNTL	0.065224	0.089443	0.49754	-2.00989	0.542079	0.794478	-1.25869	0.571787	1.23739	1.23739	0.750506	1.12628	1.12628	0.0122386	0.312399	-3.20103
cg26880239	CD247;CD247	0.065224	0.221639	0.645272	-1.54973	0.115543	0.557984	-1.79217	0.0687194	0.499181	-2.00328	0.00505133	0.282412	-3.54092	0.0150608	0.361012	-2.76999
cg20379728	RNF14;RNF14;RNF14;RNF14;RNF14	0.0652267	0.954957	1.01587	1.01587	0.115374	0.620487	-1.61164	0.101276	1.64918	1.64918	0.459433	0.810576	-1.23369	0.207798	1.44818	1.44818
cg22233667	SOX6;SOX6;SOX6;SOX6	0.0652269	0.056365	0.337055	-2.96687	0.0134034	0.214086	-4.67101	0.307143	0.587363	-1.70252	0.409387	0.653989	-1.52908	0.0163889	0.228413	-4.37803
cg03174521	OSBPL5;OSBPL5;OSBPL5	0.0652299	0.121936	0.615626	-1.62436	0.101608	0.595344	-1.6797	0.0658544	0.550343	-1.81705	0.00877805	0.380688	-2.62682	0.0531919	0.529605	-1.8882
cg14410016	HOXD9	0.0652301	0.860917	0.905685	-1.10414	0.84897	1.11371	1.11371	0.053782	3.44515	3.44515	0.767118	1.18265	1.18265	0.203255	0.468297	-2.1354
cg20531808	MMP16;MMP16	0.0652309	0.644573	1.16274	1.16274	0.00795084	0.331365	-3.01782	0.0904843	0.545829	-1.83207	0.304764	0.708249	-1.41193	0.214506	1.5283	1.5283
cg13911269	CASC4;CASC4	0.0652313	?	?	?	0.0412132	3.85804	3.85804	0.175987	2.17872	2.17872	?	?	?	0.151589	0.433449	-2.30708
cg04056343	A2BP1;A2BP1;A2BP1	0.0652335	0.658921	1.17149	1.17149	0.00726732	3.43413	3.43413	0.170848	1.68136	1.68136	0.0979112	1.90969	1.90969	0.519417	0.792388	-1.26201
cg15965094	RAP1GAP2;RAP1GAP2	0.0652349	0.540424	1.07696	1.07696	0.0589418	1.29068	1.29068	0.0090712	1.48693	1.48693	0.0314525	1.35239	1.35239	0.0612048	1.28707	1.28707
cg02169692	USP18	0.0652357	0.021214	0.322167	-3.10398	0.0090359	3.88423	3.88423	0.751294	0.878086	-1.13884	0.618137	1.22813	1.22813	0.784547	1.11858	1.11858
cg14546258	IPPK	0.0652362	0.526085	0.669094	-1.49456	0.00283082	0.0764156	-13.0863	0.0188688	0.168801	-5.92413	0.888033	0.915654	-1.09212	0.131213	0.360851	-2.77123
cg22139363	KALRN;KALRN	0.0652366	0.137813	0.677326	-1.47639	0.0622392	0.599445	-1.66821	0.220019	0.73022	-1.36945	0.388368	0.80611	-1.24053	0.0678964	0.607411	-1.64633
cg04213089	L3MBTL4	0.0652369	0.0859063	0.577995	-1.73012	0.221995	1.4488	1.4488	0.263636	1.40015	1.40015	0.229418	0.694701	-1.43947	0.112414	0.607019	-1.64739
cg20800509	RIMS2;RIMS2	0.0652382	0.715732	0.877233	-1.13995	0.259448	1.52397	1.52397	0.0163651	2.86047	2.86047	0.984701	0.993157	-1.00689	0.00889508	0.303557	-3.29428
cg03736235	HMHA1	0.0652401	0.148199	1.29165	1.29165	0.0404279	1.4778	1.4778	0.0602586	1.41857	1.41857	0.0391684	1.4826	1.4826	0.0998374	1.34656	1.34656
cg06816783	AFAP1L1;AFAP1L1	0.0652409	0.538661	1.09857	1.09857	0.160691	1.25395	1.25395	0.190861	1.23266	1.23266	0.695974	1.0611	1.0611	0.95162	0.990879	-1.00921
cg16125615	CAPS;CAPS	0.0652415	0.193762	0.732433	-1.36531	0.76018	0.933016	-1.07179	0.731087	1.08126	1.08126	0.798859	1.05953	1.05953	0.00206629	0.37438	-2.67108
cg11617816	NFATC2;NFATC2;NFATC2	0.0652422	0.0578094	0.481727	-2.07586	0.168751	0.606938	-1.64761	0.147031	0.58866	-1.69877	0.0925864	0.532461	-1.87807	0.0729305	0.506046	-1.9761
cg07167981	KDM6A	0.0652424	?	?	?	0.331779	1.89572	1.89572	0.388431	1.75777	1.75777	0.778229	1.19669	1.19669	0.289992	0.495516	-2.0181
cg16403344	RPH3A;RPH3A	0.0652439	0.912966	0.937201	-1.06701	0.692777	0.790125	-1.26562	0.68323	0.783973	-1.27555	0.576105	1.39804	1.39804	0.624025	0.745979	-1.34052
cg02488870	ATP2B2;ATP2B2	0.0652442	0.559065	0.909744	-1.09921	0.26471	0.830178	-1.20456	0.266701	0.830874	-1.20355	0.16179	0.78726	-1.27023	0.0704999	0.723507	-1.38216
cg01476242	RPTOR;RPTOR	0.0652472	0.0142061	9.9026	9.9026	0.366215	2.02104	2.02104	0.229579	0.384613	-2.60001	0.986696	0.987442	-1.01272	0.241264	2.53388	2.53388
cg05253151	SYNJ2	0.0652493	0.917527	0.981417	-1.01894	0.0152658	1.71516	1.71516	0.142233	1.33072	1.33072	0.449827	1.14965	1.14965	0.0437835	0.657238	-1.52152
cg06714655	RAB40C	0.0652514	0.999172	1.00059	1.00059	0.00333272	9.87498	9.87498	0.0671686	3.24076	3.24076	0.577183	1.38097	1.38097	0.139536	0.402014	-2.48747
cg18447645	CNPY1	0.0652521	0.424705	0.624404	-1.60153	0.933053	1.04973	1.04973	0.421685	1.60668	1.60668	0.12813	0.386669	-2.58619	0.0198778	0.197107	-5.0734
cg10769011	FOXN1	0.0652534	0.0774606	0.286905	-3.48548	0.0477426	0.236892	-4.22132	0.0546082	0.249806	-4.00311	0.130714	0.354073	-2.82428	0.0138316	0.144371	-6.9266
cg25755575	ESRRG	0.0652542	0.038987	15.5243	15.5243	0.05979	11.4454	11.4454	0.303234	3.40019	3.40019	0.10395	7.69343	7.69343	0.0284112	19.467	19.467
cg25139649	SKI	0.0652573	0.963843	1.03035	1.03035	0.00580243	10.8448	10.8448	0.0142207	7.35248	7.35248	0.378552	0.551037	-1.81476	0.353175	1.87795	1.87795
cg21179912	SMARCA2;SMARCA2	0.0652578	0.00352139	2.46759	2.46759	0.577536	1.13705	1.13705	0.524973	1.15841	1.15841	0.873665	0.964329	-1.03699	0.90787	1.02678	1.02678
cg22878469	SDHA	0.0652593	0.269496	0.686623	-1.4564	0.46219	0.78293	-1.27725	0.0217937	0.406505	-2.46	0.523345	1.2355	1.2355	0.00686898	0.318414	-3.14056
cg21289669	TNXB	0.0652593	0.0152213	0.391847	-2.55202	0.915268	0.967103	-1.03402	0.0263616	0.437029	-2.28818	0.324083	0.726086	-1.37725	0.134413	0.602113	-1.66082
cg14775207	NOTO;NOTO	0.0652595	0.830597	1.07331	1.07331	0.0763078	1.91782	1.91782	0.775168	0.909771	-1.09918	0.524265	1.2375	1.2375	0.607579	0.842785	-1.18654
cg26269324	TPI1;TPI1;TPI1	0.065264	0.034422	0.487798	-2.05003	0.145759	1.57531	1.57531	0.630997	1.15122	1.15122	0.186392	0.665247	-1.5032	0.0325777	2.0706	2.0706
cg07924079	CCDC150	0.0652644	0.940094	0.98911	-1.01101	0.585172	1.08361	1.08361	0.44712	1.1195	1.1195	0.876806	1.02286	1.02286	0.0288052	0.686871	-1.45588
cg09789590	HIF3A;HIF3A	0.0652661	0.0882737	0.825555	-1.21131	0.044489	0.790417	-1.26515	0.850536	1.01941	1.01941	0.87986	0.984703	-1.01554	0.00724123	0.702465	-1.42356
cg03352181	HSPA12A	0.0652673	0.14867	1.25803	1.25803	0.186539	0.812608	-1.23061	0.248089	0.836161	-1.19594	0.0357328	1.43641	1.43641	0.737397	0.951354	-1.05113
cg12797492	ADAM6	0.0652678	0.06902	0.499204	-2.00319	0.00605339	0.294021	-3.40112	0.446155	0.767085	-1.30364	0.480719	0.782902	-1.2773	0.0274445	0.410385	-2.43674
cg24395117	CTTN;CTTN	0.0652684	0.159471	0.658245	-1.51919	0.967985	0.988899	-1.01123	0.501939	1.20871	1.20871	0.129126	1.57796	1.57796	0.321882	0.752277	-1.3293
cg00812799	IL17D	0.0652711	0.217068	2.00027	2.00027	0.00420099	7.74268	7.74268	0.06671	2.99648	2.99648	0.879182	1.08459	1.08459	0.160155	2.22786	2.22786
cg16891968	LOC285830;LOC285830	0.0652728	0.657364	1.25375	1.25375	0.0576339	0.337048	-2.96694	0.137255	0.444483	-2.24981	0.577989	1.32936	1.32936	0.819734	1.12258	1.12258
cg14742445	ASCC2	0.065273	0.0328691	0.26061	-3.83715	0.0859217	0.359692	-2.78016	0.836151	1.11804	1.11804	0.40433	0.631445	-1.58367	0.0124161	0.187019	-5.34706
cg12183248	MGAT5B;MGAT5B	0.0652739	0.907252	0.976515	-1.02405	0.0100326	1.94007	1.94007	0.0554703	1.55676	1.55676	0.708608	0.926304	-1.07956	0.308655	1.23968	1.23968
cg24000797	NUP210L;NUP210L	0.0652747	0.0565302	0.0987268	-10.129	0.136542	0.179011	-5.58626	0.203015	0.236624	-4.22612	0.47566	0.459345	-2.17701	0.0141022	0.0387946	-25.7768
cg11933267	PLA2G2F	0.0652752	0.0643187	0.477283	-2.09519	0.514566	0.79043	-1.26513	0.071242	0.488221	-2.04825	0.00520631	0.269279	-3.71363	0.0443075	0.439536	-2.27513
cg23104930	FBRSL1	0.0652771	0.789258	1.05341	1.05341	0.134517	1.36811	1.36811	0.120171	1.38743	1.38743	0.104191	0.708182	-1.41207	0.526721	0.88286	-1.13268
cg21208734	ODZ3	0.0652796	0.5272	0.708477	-1.41148	0.371848	0.610642	-1.63762	0.743752	0.838234	-1.19298	0.472365	1.48175	1.48175	0.00361769	0.120206	-8.31906
cg16771104	HESX1;HESX1	0.0652816	0.320308	0.669877	-1.49281	0.358544	1.44536	1.44536	0.0789367	0.467128	-2.14074	0.938504	1.03056	1.03056	0.0305328	0.370941	-2.69585
cg11553793	TMEM130;TMEM130;TMEM130	0.0652829	0.0928074	1.62241	1.62241	0.142511	1.51057	1.51057	0.0770576	0.597851	-1.67266	0.59678	1.14993	1.14993	0.588198	0.866715	-1.15378
cg25421357	PLEKHM3	0.0652833	0.740747	1.15694	1.15694	0.00382103	0.180457	-5.54148	0.157403	0.514893	-1.94215	0.992781	1.00398	1.00398	0.205615	1.79723	1.79723
cg21841958	MEMO1;MEMO1	0.0652833	0.755308	1.26341	1.26341	0.449799	1.77888	1.77888	0.521781	0.615314	-1.62519	0.882413	0.89521	-1.11706	0.00155304	0.0332767	-30.051
cg14530233	XKR6	0.0652836	0.0759303	0.739982	-1.35138	0.870647	0.97546	-1.02516	0.563597	1.0931	1.0931	0.109946	1.30427	1.30427	0.827615	0.967297	-1.03381
cg19006796	C17orf101;C17orf101	0.0652855	0.379519	0.862849	-1.15895	0.0348271	1.49556	1.49556	0.236164	0.816177	-1.22522	0.222373	0.810715	-1.23348	0.0162267	0.618113	-1.61783
cg23954953	PTBP2	0.065286	0.229607	1.18979	1.18979	0.530762	1.09148	1.09148	0.390972	1.12882	1.12882	0.677492	1.05935	1.05935	0.0245795	0.691348	-1.44645
cg04432137	CREBBP;CREBBP	0.0652867	0.356153	0.805018	-1.24221	0.00802951	2.17311	2.17311	0.82607	0.950951	-1.05158	0.259765	1.3082	1.3082	0.0267952	0.549078	-1.82123
cg21235903	ADAM9;ADAM9;ADAM9;ADAM9	0.0652869	0.0262815	0.485839	-2.0583	0.484393	0.823137	-1.21487	0.0248354	0.48114	-2.0784	0.934927	1.02262	1.02262	0.0071163	0.385877	-2.5915
cg05806645	PPP1R3B	0.0652873	0.850906	1.10807	1.10807	0.0616657	0.3173	-3.15159	0.269739	0.534301	-1.8716	0.349861	0.59166	-1.69016	0.0144024	0.193013	-5.181
cg15075241	SNORA80B;ODC1	0.0652874	0.0197663	0.0855358	-11.691	0.0358072	0.118408	-8.44538	0.11098	0.219407	-4.55774	0.161167	0.270563	-3.69599	0.0379607	0.122226	-8.18157
cg03867607	MYL6;MYL6	0.0652876	0.428516	0.714386	-1.3998	0.00768843	4.15887	4.15887	0.0525453	2.50229	2.50229	0.616569	0.810529	-1.23376	0.314247	1.54197	1.54197
cg22476893	EIF5A;EIF5A;EIF5A	0.0652899	0.0473959	0.731589	-1.36689	0.314997	0.866615	-1.15392	0.0219824	0.68482	-1.46024	0.659994	1.0629	1.0629	0.927788	0.987588	-1.01257
cg11820929	PPP3CA;PPP3CA;PPP3CA	0.0652904	0.768478	1.15495	1.15495	0.00725964	5.42053	5.42053	0.023281	3.756	3.756	0.308847	1.67197	1.67197	0.724154	0.841199	-1.18878
cg18058279	CAPN5;OMP	0.0652905	0.299506	0.834131	-1.19885	0.00954852	0.574846	-1.7396	0.200153	0.795907	-1.25643	0.568802	1.10202	1.10202	0.495795	0.889893	-1.12373
cg04447890	GPR177;GPR177;GPR177;GPR177	0.0652909	0.0747281	0.783511	-1.27631	0.426951	1.10483	1.10483	0.136489	1.21794	1.21794	0.76167	0.963306	-1.03809	0.476808	0.914931	-1.09298
cg11677998	WRNIP1;WRNIP1	0.0652915	0.955493	1.01967	1.01967	0.00199449	0.218066	-4.58577	0.613471	0.837159	-1.19452	0.31526	0.696035	-1.43671	0.679341	1.15609	1.15609
cg25626704	URB2;TAF5L;TAF5L	0.0652936	0.680722	1.1071	1.1071	0.302953	1.30003	1.30003	0.681048	1.10698	1.10698	0.788913	0.936145	-1.06821	0.726829	1.09007	1.09007
cg23371050	ZNF283	0.065294	0.396774	0.874725	-1.14322	0.848858	1.02987	1.02987	0.0071537	1.70866	1.70866	0.233647	1.2124	1.2124	0.680559	0.938142	-1.06594
cg03606954	HSD17B12	0.0652944	0.726905	0.871535	-1.1474	0.551963	0.789792	-1.26616	0.879034	1.06154	1.06154	0.684141	1.17398	1.17398	0.0574023	0.430475	-2.32301
cg02355411	TRPM4	0.0652951	0.0444585	0.337284	-2.96486	0.0266366	3.44564	3.44564	0.748764	1.16336	1.16336	0.998792	1.00071	1.00071	0.085911	0.409141	-2.44414
cg16418228	LRTM1;CACNA2D3	0.0652986	0.135553	0.677328	-1.47639	0.796566	0.93935	-1.06457	0.201412	0.721267	-1.38645	0.920011	0.975967	-1.02463	0.00717035	0.431379	-2.31815
cg21903221	PACS2;PACS2	0.0652989	0.0865974	0.698391	-1.43186	0.0954788	1.4153	1.4153	0.149067	0.745695	-1.34103	0.126886	1.36768	1.36768	0.124811	0.729702	-1.37042
cg26792288	DYNLRB2	0.0652992	0.0204388	0.33541	-2.98142	0.392772	1.40824	1.40824	0.0912287	0.483175	-2.06964	0.747213	1.1348	1.1348	0.0883593	0.479397	-2.08595
cg14484793	OLFM1;OLFM1	0.0652998	0.235796	0.668286	-1.49637	0.241138	1.48892	1.48892	0.049746	2.06697	2.06697	0.0998852	1.79484	1.79484	0.147918	0.60437	-1.65461
cg12150256	HYAL2;HYAL2	0.0653009	0.349339	1.67881	1.67881	0.0215678	4.41093	4.41093	0.0515527	3.29277	3.29277	0.00726903	6.43643	6.43643	0.574323	0.736977	-1.3569
cg01761618	CAST;CAST;CAST;CAST;CAST	0.0653016	0.422343	1.24898	1.24898	0.00699625	0.388234	-2.57577	0.122357	0.634971	-1.57488	0.368946	1.28443	1.28443	0.805863	0.935387	-1.06908
cg15819739	KIFC1	0.0653016	0.0217057	0.145898	-6.85411	0.158835	0.349259	-2.8632	0.0478418	0.20591	-4.85649	0.116949	0.304337	-3.28583	0.0195941	0.13946	-7.1705
cg11296553	CEP72	0.0653047	0.396529	0.767657	-1.30267	0.721065	0.896565	-1.11537	0.60083	1.17442	1.17442	0.651597	1.14847	1.14847	0.918502	1.03166	1.03166
cg05703112	ADAMTS2;ADAMTS2	0.065306	0.185561	0.829453	-1.20561	0.681178	0.946457	-1.05657	0.0649067	0.758718	-1.31801	0.129245	0.803837	-1.24403	0.00460306	0.605105	-1.6526
cg18708329	HRH3	0.0653062	0.675139	0.937871	-1.06624	0.399319	0.876951	-1.14032	0.145261	1.26872	1.26872	0.32351	0.856267	-1.16786	0.18495	0.807388	-1.23856
cg25172808	FASTKD5;UBOX5;UBOX5	0.0653065	0.661309	0.949478	-1.05321	0.00692209	0.662986	-1.50833	0.0115142	0.689591	-1.45013	0.447985	1.0952	1.0952	0.297536	0.880736	-1.13541
cg07542463	PGS1	0.0653065	0.209073	0.608785	-1.64262	0.211214	1.6384	1.6384	0.350491	0.697541	-1.43361	0.744594	0.884683	-1.13035	0.111517	0.522203	-1.91496
cg07353620	C19orf30;MIR7-3	0.065307	0.0227921	0.176068	-5.67962	0.0671154	0.270362	-3.69875	0.520011	1.51539	1.51539	0.934789	1.05354	1.05354	0.0237212	0.17891	-5.58941
cg07105125	CACNA2D2;CACNA2D2	0.0653072	0.45424	0.814497	-1.22775	0.870835	1.04477	1.04477	0.431109	1.24146	1.24146	0.2039	1.43465	1.43465	0.00737184	0.394772	-2.53311
cg25843651	KLHL25	0.0653091	0.0936207	0.402202	-2.48632	0.941533	0.964416	-1.0369	0.187087	1.99515	1.99515	0.807152	0.886208	-1.1284	0.0493288	0.33016	-3.02883
cg09747230	NNT;NNT	0.0653106	0.54601	0.838902	-1.19203	0.364482	1.30722	1.30722	0.109875	1.65042	1.65042	0.244342	1.41929	1.41929	0.00760007	0.372727	-2.68293
cg07328495	SMC2;SMC2;SMC2;SMC2	0.0653109	0.0630684	0.608518	-1.64334	0.0800838	0.630437	-1.5862	0.185393	1.39605	1.39605	0.760188	0.929848	-1.07544	0.427604	1.21219	1.21219
cg15561933	C8A	0.0653125	0.987108	1.00566	1.00566	0.0392832	0.434697	-2.30045	0.0802284	0.507659	-1.96983	0.357719	1.39153	1.39153	0.314166	0.695155	-1.43853
cg05586519	LOC219347;LOC219347;C10orf57;LOC219347;LOC219347;LOC219347	0.0653132	0.742315	0.918436	-1.08881	0.0449033	1.81046	1.81046	0.0452955	1.80795	1.80795	0.0350576	0.530859	-1.88374	0.432529	0.813383	-1.22943
cg15002294	ZIC1	0.0653149	0.219602	0.671639	-1.48889	0.252249	1.44595	1.44595	0.733551	0.900005	-1.1111	0.690253	0.88381	-1.13146	0.886679	0.956985	-1.04495
cg02938807	GPHB5	0.0653162	0.359039	0.80745	-1.23847	0.849048	1.04416	1.04416	0.0791291	0.642704	-1.55593	0.0197635	0.528161	-1.89336	0.795069	1.06081	1.06081
cg02100474	KIAA1409	0.0653165	0.293475	0.832099	-1.20178	0.667233	1.07568	1.07568	0.260812	1.21873	1.21873	0.293958	0.832263	-1.20154	0.735664	1.05882	1.05882
cg15292765	PARD3	0.065317	0.0589974	0.15301	-6.5355	0.101068	0.205797	-4.85917	0.32732	2.4357	2.4357	0.589838	1.61467	1.61467	0.0489096	0.138098	-7.24121
cg23443003	SYT6	0.0653175	0.156023	1.53506	1.53506	0.329625	0.75269	-1.32857	0.153319	0.649351	-1.54	0.0532211	1.85932	1.85932	0.991399	1.00305	1.00305
cg11248182	DNAJC18	0.0653175	0.571071	1.47701	1.47701	0.844334	1.1431	1.1431	0.0752355	0.254044	-3.93633	0.645929	0.729793	-1.37025	0.666995	0.744741	-1.34275
cg06220725	DHODH	0.0653181	0.0681992	1.91711	1.91711	0.0208468	0.412155	-2.42627	0.33934	1.36869	1.36869	0.140192	1.65826	1.65826	0.399853	1.31609	1.31609
cg09015433	PENK;PENK	0.0653189	0.0323062	0.22473	-4.44979	0.00842147	7.41908	7.41908	0.175476	2.35854	2.35854	0.150125	2.50626	2.50626	0.589546	0.722973	-1.38318
cg12598688	RNASEN;RNASEN	0.0653221	0.862997	0.940885	-1.06283	0.876586	0.946647	-1.05636	0.781056	1.10329	1.10329	0.66035	1.16884	1.16884	0.719072	1.13591	1.13591
cg01456626	IGFBP4	0.0653239	0.239744	0.687344	-1.45488	0.00861883	0.360534	-2.77366	0.013139	0.391965	-2.55125	0.465349	0.797489	-1.25394	0.724752	0.897923	-1.11368
cg05748163	EBF2	0.0653247	0.570764	1.35468	1.35468	0.053104	0.312105	-3.20405	0.275661	0.548338	-1.82369	0.00779437	6.11035	6.11035	0.763189	0.852054	-1.17363
cg16840547	EME1;EME1	0.0653265	0.0407218	0.413115	-2.42064	0.439773	0.744655	-1.3429	0.911684	0.959334	-1.04239	0.429743	0.739626	-1.35203	0.0890585	0.495739	-2.01719
cg14866866	MTSS1L	0.0653268	0.141319	1.73846	1.73846	0.050444	2.18028	2.18028	0.0452261	2.23257	2.23257	0.0694122	2.03414	2.03414	0.898884	0.956529	-1.04545
cg21113478	DCLK3	0.065327	0.0664656	0.495931	-2.01641	0.921309	1.03424	1.03424	0.0702151	0.501743	-1.99305	0.991318	1.00371	1.00371	0.0114798	0.340414	-2.9376
cg09358130	PID1;PID1	0.0653278	0.158235	0.703657	-1.42115	0.0280398	0.546284	-1.83055	0.0189819	0.515926	-1.93826	0.067485	0.620443	-1.61175	0.0278312	0.54569	-1.83254
cg06215782	EFCAB4B;EFCAB4B;EFCAB4B	0.0653291	0.244416	0.83331	-1.20003	0.0173134	0.647866	-1.54353	0.104235	0.766466	-1.30469	0.0828412	0.750058	-1.33323	0.649497	0.933782	-1.07091
cg17628660	PCNA;PCNA	0.0653291	0.0824674	0.44778	-2.23324	0.90923	0.953477	-1.04879	0.946495	1.02843	1.02843	0.879723	0.938709	-1.06529	0.132348	0.507443	-1.97067
cg21005416	ECE1;ECE1;ECE1;ECE1	0.0653292	0.0593354	0.213493	-4.684	0.0137029	0.109579	-9.12583	0.0108359	0.0981626	-10.1872	0.0710338	0.231563	-4.31849	0.0867574	0.253544	-3.94409
cg02515738	CNTNAP2	0.0653301	0.335125	1.31703	1.31703	0.0133517	0.42779	-2.33759	0.0464006	0.531487	-1.88151	0.40808	1.26419	1.26419	0.638175	0.877019	-1.14023
cg20998127	VIPR2	0.0653308	0.390434	0.859108	-1.164	0.0256059	1.58031	1.58031	0.150789	1.30437	1.30437	0.867891	1.02914	1.02914	0.882365	0.974773	-1.02588
cg04587858	AGAP1;AGAP1	0.0653309	0.0469164	0.540239	-1.85103	0.999705	0.9999	-1.0001	0.0179822	0.459233	-2.17754	0.695341	0.898938	-1.11242	0.355612	0.77319	-1.29334
cg00262061	CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.0653329	0.819282	0.954337	-1.04785	0.194536	0.755568	-1.32351	0.0767491	0.668962	-1.49485	0.584835	1.11927	1.11927	0.334582	0.816075	-1.22538
cg02966076	GABARAPL2;GABARAPL2	0.0653331	0.249552	0.81151	-1.23227	0.157668	1.2998	1.2998	0.216801	1.25301	1.25301	0.680404	0.930638	-1.07453	0.113407	0.741573	-1.34849
cg09031165	RAI1	0.0653351	0.961812	1.00476	1.00476	0.00415973	1.46394	1.46394	0.814224	1.02363	1.02363	0.531059	0.938981	-1.06498	0.213892	1.13867	1.13867
cg02060408	SETDB1;SETDB1;SETDB1	0.0653354	0.744367	1.10382	1.10382	0.0292971	0.451514	-2.21477	0.502981	1.22822	1.22822	?	?	?	0.132915	0.609577	-1.64048
cg03876032	MYO3A	0.0653366	0.0258632	10.995	10.995	0.615803	1.58169	1.58169	0.460759	1.97486	1.97486	0.32338	0.396805	-2.52013	0.0303759	10.0371	10.0371
cg23928032	C4B;C4A	0.0653375	0.199946	0.629556	-1.58842	0.275407	0.67856	-1.47371	0.110372	0.551775	-1.81233	0.765092	0.902661	-1.10784	0.00147574	0.20846	-4.79707

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08585558	0.872918	1.07184	1.07184	0.313754	0.636638	-1.57075	0.588866	1.26681	1.26681	0.312918	0.636107	-1.57206	3.05649	9.09319	2.64448	1
cg26527583	0.280353	0.89208	-1.12098	0.872843	0.983832	-1.01643	0.194431	0.869621	-1.14993	0.00379432	0.672071	-1.48794	3.05649	0.501349	0.145802	1
ch.11.1810631	0.808942	0.921829	-1.0848	0.0191946	0.38595	-2.59101	0.423778	0.759946	-1.31588	0.499014	0.794057	-1.25936	3.05648	5.46554	1.58949	1
cg21832096	0.0196675	1.74142	1.74142	0.105264	0.705816	-1.4168	0.447685	1.16454	1.16454	0.988987	1.00272	1.00272	3.05643	1.87568	0.545498	1
cg00459816	0.880965	1.04343	1.04343	0.955188	1.01607	1.01607	0.0466217	1.90878	1.90878	0.363617	1.3033	1.3033	3.05638	3.89663	1.13326	1
cg19811786	0.134195	0.845974	-1.18207	0.152729	1.17188	1.17188	0.963665	0.995293	-1.00473	0.0418812	0.784379	-1.27489	3.05635	0.519161	0.150989	1
cg00287477	0.436485	0.81519	-1.22671	0.686111	0.900704	-1.11024	0.29681	1.32105	1.32105	0.506468	0.840715	-1.18946	3.05635	3.20713	0.932741	1
cg00620190	0.168303	2.96454	2.96454	0.0279851	6.83283	6.83283	0.0375102	5.96884	5.96884	0.0680904	4.53719	4.53719	3.05634	26.5214	7.71334	1
cg14174583	0.748743	0.907915	-1.10143	0.0179522	0.421263	-2.37381	0.0240652	0.44535	-2.24543	0.0218062	0.437126	-2.28767	3.05632	4.37438	1.27223	1
cg27406983	0.600438	0.783767	-1.27589	0.365216	0.651214	-1.53559	0.141717	2.07178	2.07178	0.125955	0.466106	-2.14543	3.05632	10.2879	2.99211	1
cg09091148	0.466754	1.32339	1.32339	0.140663	0.549023	-1.82142	0.0104015	0.295011	-3.3897	0.913764	0.959844	-1.04184	3.05624	6.92896	2.01525	1
cg25242824	0.0166444	0.268542	-3.72381	0.0632212	0.390831	-2.55865	0.167999	0.516488	-1.93615	0.0524627	0.370981	-2.69556	3.05622	9.78715	2.84655	1
cg13319664	0.0173172	0.759352	-1.31691	0.0137491	0.748796	-1.33548	0.515535	0.939301	-1.06462	0.937712	0.992605	-1.00745	3.0562	0.436587	0.12698	1
cg08885265	0.414501	1.43777	1.43777	0.811474	0.901212	-1.10962	0.466344	1.38082	1.38082	0.769989	0.880184	-1.13613	3.05619	9.17148	2.66751	1
cg23365739	0.0977441	0.427935	-2.3368	0.930969	1.04131	1.04131	0.172423	1.97091	1.97091	0.106332	0.438704	-2.27944	3.05618	10.5654	3.07293	1
cg17020695	0.215113	0.723454	-1.38226	0.110364	1.53981	1.53981	0.800066	0.938982	-1.06498	0.0507418	1.7371	1.7371	3.05617	2.97904	0.866456	1
cg17547346	0.132008	1.30372	1.30372	0.00172925	0.482297	-2.07341	0.976371	1.00484	1.00484	0.561085	1.10063	1.10063	3.05616	1.28828	0.3747	1
cg14792904	0.290737	1.1077	1.1077	0.426196	1.07875	1.07875	0.213471	1.13	1.13	0.00145486	1.53579	1.53579	3.05615	0.421275	0.122529	1
cg04145765	0.815672	0.901131	-1.10972	0.0282185	0.315017	-3.17444	0.0693745	0.404275	-2.47356	0.0879136	0.431861	-2.31556	3.05612	9.62008	2.79805	1
cg10148451	0.289353	1.27528	1.27528	0.00475142	2.29106	2.29106	0.870537	0.96458	-1.03672	0.833501	0.954524	-1.04764	3.05611	2.36615	0.688209	1
cg11789492	0.412739	1.41034	1.41034	0.471307	1.35102	1.35102	0.0283472	0.345531	-2.89409	0.730199	0.8675	-1.15274	3.0561	8.15954	2.37326	1
cg23673919	0.165717	0.559738	-1.78655	0.0703926	0.452094	-2.21193	0.0329347	0.375604	-2.66238	0.0355823	0.382771	-2.61253	3.05603	7.45793	2.16925	1
cg20498591	0.00886181	0.531945	-1.87989	0.703689	1.07509	1.07509	0.58053	1.11155	1.11155	0.851633	1.03611	1.03611	3.05602	1.73766	0.505425	1
cg24719241	0.352108	1.39128	1.39128	0.667425	1.16076	1.16076	0.0141064	2.84275	2.84275	0.0181483	2.68951	2.68951	3.05601	5.75617	1.67428	1
cg00508771	0.454069	0.615212	-1.62546	0.0340293	0.206779	-4.83608	0.416678	1.69684	1.69684	0.0625795	0.263172	-3.7998	3.05598	19.64	5.71267	1
cg14794298	0.0446975	0.423517	-2.36118	0.0105967	0.301709	-3.31445	0.366765	0.707758	-1.41291	0.4169	0.733967	-1.36246	3.05586	6.72603	1.95647	1
cg26880239	0.0570213	0.479806	-2.08418	0.263017	0.6717	-1.48876	0.332527	0.711126	-1.40622	0.388734	0.739902	-1.35153	3.05586	5.62846	1.63721	1
cg20379728	0.876613	0.957605	-1.04427	0.0290538	0.488057	-2.04894	0.0654576	1.77977	1.77977	0.0704255	1.7573	1.7573	3.05581	3.76214	1.09435	1
cg22233667	0.53568	0.729286	-1.3712	0.0794293	0.375326	-2.66435	0.186965	2.02188	2.02188	0.671303	0.806666	-1.23967	3.0558	12.2607	3.56647	1
cg03174521	0.0786394	0.568253	-1.75978	0.728203	1.10622	1.10622	0.0433833	0.51056	-1.95863	0.0918094	0.584438	-1.71105	3.05575	4.05224	1.17876	1
cg14410016	0.79997	0.866386	-1.15422	0.834178	0.888325	-1.12571	0.00249196	10.7396	10.7396	0.507707	1.46173	1.46173	3.05574	15.4427	4.49215	1
cg20531808	0.499611	1.24912	1.24912	0.490967	1.25493	1.25493	0.134269	1.68899	1.68899	0.175698	0.626656	-1.59577	3.05573	5.09876	1.48319	1
cg13911269	?	?	?	0.161434	0.444034	-2.25208	0.0508602	0.282596	-3.53862	0.482416	0.68737	-1.45482	4.30768	11.267	2.17963	1
cg04056343	0.595681	0.826284	-1.21024	?	?	?	0.809423	1.0899	1.0899	0.0837639	0.505664	-1.9776	3.0968	5.53501	1.78733	1
cg15965094	0.443403	1.098	1.098	0.0251642	1.37515	1.37515	0.084669	1.25627	1.25627	0.152697	1.20111	1.20111	3.05565	0.692664	0.201496	1
cg02169692	0.745197	1.14263	1.14263	0.347491	0.673323	-1.48517	0.114352	0.49548	-2.01825	0.555765	0.78376	-1.2759	3.05564	8.0911	2.35371	1
cg14546258	0.117158	0.344871	-2.89963	0.296473	0.508088	-1.96816	0.21494	0.441964	-2.26263	0.58296	0.706914	-1.4146	3.05563	18.9341	5.50798	1
cg22139363	0.0344717	0.54812	-1.82442	0.0550655	1.69945	1.69945	0.262105	1.32988	1.32988	0.304615	0.771674	-1.29588	3.05562	2.87657	0.836801	1
cg04213089	0.173468	0.65815	-1.51941	0.0915182	1.71038	1.71038	0.0304146	2.08523	2.08523	0.780338	1.0841	1.0841	3.05562	4.03749	1.17452	1
cg20800509	0.406525	1.3554	1.3554	0.734037	1.12991	1.12991	0.225947	1.57677	1.57677	0.923339	0.966117	-1.03507	3.05559	6.20699	1.80565	1
cg03736235	0.631921	1.08289	1.08289	0.369236	1.16434	1.16434	0.255035	0.82195	-1.21662	0.0131222	1.66119	1.66119	3.05556	1.31746	0.38326	1
cg06816783	0.351911	1.15566	1.15566	0.00240555	1.89367	1.89367	0.266814	0.839693	-1.19091	0.327622	0.858466	-1.16487	3.05554	1.10372	0.321084	1
cg16125615	0.259218	0.766014	-1.30546	0.15494	0.708423	-1.41159	0.788327	0.940879	-1.06284	0.0564292	0.613154	-1.63091	3.05553	2.48177	0.721975	1
cg11617816	0.0626081	2.04112	2.04112	0.062297	0.489412	-2.04327	0.334662	1.40327	1.40327	0.214741	0.641003	-1.56006	3.05552	5.61111	1.63234	1
cg07167981	0.984516	1.01241	1.01241	0.466429	1.60386	1.60386	0.00484512	0.0831591	-12.0251	0.0724938	0.273612	-3.65481	3.33059	18.5504	4.87349	1
cg16403344	0.895472	1.0811	1.0811	0.00145024	0.0652488	-15.326	0.064123	0.291076	-3.43553	0.836985	0.884957	-1.13	3.05549	17.0294	4.95412	1
cg02488870	0.233044	1.22165	1.22165	0.00683625	1.75227	1.75227	0.60971	0.920874	-1.08592	0.687929	0.937398	-1.06678	3.05548	1.24049	0.360879	1
cg01476242	0.49471	0.591232	-1.69138	0.882051	1.1191	1.1191	0.604829	0.673236	-1.48536	0.00805027	13.1047	13.1047	3.05543	27.7994	8.08744	1
cg05253151	0.0821055	1.41744	1.41744	0.0450018	1.51683	1.51683	0.577739	1.10721	1.10721	0.865285	1.03123	1.03123	3.05539	1.58714	0.46174	1
cg06714655	0.959349	1.02964	1.02964	0.478406	0.661634	-1.51141	0.255374	1.97495	1.97495	0.997567	0.998254	-1.00175	3.05535	15.8945	4.62417	1
cg18447645	0.282611	0.524672	-1.90595	0.0245702	0.212905	-4.69692	0.0554227	3.50513	3.50513	0.384486	0.597436	-1.67382	3.05533	16.1487	4.69815	1
cg10769011	0.0468401	0.235114	-4.25326	0.072035	0.278748	-3.58747	0.0283705	0.192776	-5.18737	0.0874882	0.301159	-3.3205	3.05531	19.5843	5.6977	1
cg25755575	0.494032	0.450654	-2.219	0.754191	0.697339	-1.43402	0.0151606	30.6889	30.6889	0.778347	0.723357	-1.38244	3.0553	63.733	18.5421	1
cg25139649	0.313015	1.99051	1.99051	0.514197	0.646384	-1.54707	0.234474	2.27527	2.27527	0.908735	0.927145	-1.07858	3.05524	21.0557	6.12593	1
cg21179912	0.14938	1.42316	1.42316	0.0101092	2.09747	2.09747	0.631195	1.11673	1.11673	0.648599	1.11041	1.11041	3.05523	2.52121	0.733521	1
cg22878469	0.104646	0.559952	-1.78587	0.129043	0.584913	-1.70966	0.973609	0.989242	-1.01087	0.0515333	0.484502	-2.06398	3.0552	5.17262	1.50494	1
cg21289669	0.038216	0.470032	-2.12751	0.0350791	0.462226	-2.16344	0.126573	0.594862	-1.68106	0.511875	1.23256	1.23256	3.0552	4.77997	1.3907	1
cg14775207	0.206015	0.643716	-1.55348	0.322162	0.713397	-1.40174	0.00408179	3.57044	3.57044	0.1584	1.64526	1.64526	3.0552	5.27622	1.53508	1
cg26269324	0.565089	1.18438	1.18438	0.0635414	1.83495	1.83495	0.508205	1.21569	1.21569	0.113987	1.64924	1.64924	3.05511	4.0967	1.19194	1
cg07924079	0.0738103	0.748018	-1.33687	0.00921125	0.617772	-1.61872	0.0519372	0.724566	-1.38014	0.296176	0.854011	-1.17094	3.05511	1.02699	0.298805	1
cg09789590	0.0719632	0.814872	-1.22719	0.172216	0.862346	-1.15963	0.179334	0.864696	-1.15648	0.271743	1.12368	1.12368	3.05507	0.50264	0.146246	1
cg03352181	0.195492	1.22493	1.22493	0.634502	0.931489	-1.07355	0.0252899	1.4831	1.4831	0.131217	0.785462	-1.27314	3.05505	1.06256	0.309158	1
cg12797492	0.265291	1.48646	1.48646	0.317086	0.702477	-1.42353	0.895634	0.956176	-1.04583	0.0976837	0.537695	-1.85979	3.05504	5.64125	1.64137	1
cg24395117	0.154431	0.654425	-1.52806	0.0153372	0.437015	-2.28825	0.0184177	0.451406	-2.2153	0.191003	0.680368	-1.46979	3.05503	3.74353	1.08921	1
cg00812799	0.0604428	3.09628	3.09628	0.0390103	3.58009	3.58009	0.136394	2.35512	2.35512	0.994282	0.996182	-1.00383	3.05498	13.7872	4.01158	1
cg16891968	0.87174	0.92141	-1.08529	0.00501322	0.152463	-6.55897	0.0319955	0.280037	-3.57096	0.753036	0.852231	-1.17339	3.05495	12.4163	3.61273	1
cg14742445	0.643941	1.28501	1.28501	0.0154613	0.20176	-4.95638	0.732363	1.20316	1.20316	0.403165	0.630692	-1.58556	3.05495	14.0456	4.08681	1
cg12183248	0.354337	1.21447	1.21447	0.0088055	1.97419	1.97419	0.366326	1.20834	1.20834	0.103469	1.43782	1.43782	3.05493	2.01178	0.585364	1
cg24000797	0.224267	0.25431	-3.93221	0.00393816	0.0156026	-64.0918	0.38206	0.382326	-2.61557	0.247063	0.273049	-3.66235	3.05491	55.6555	16.1941	1
cg11933267	0.190742	0.610786	-1.63723	0.532702	1.25215	1.25215	0.238528	0.644493	-1.55161	0.0887618	0.512708	-1.95043	3.0549	6.12641	1.78261	1
cg23104930	0.599197	0.902116	-1.1085	0.958076	1.01026	1.01026	0.0272781	0.602054	-1.66098	0.0175674	0.570485	-1.75289	3.05487	1.82548	0.531167	1
cg21208734	0.619728	1.3088	1.3088	0.666675	1.26252	1.26252	0.0890225	2.74274	2.74274	0.18947	2.11217	2.11217	3.05482	14.0015	4.07415	1
cg16771104	0.510471	0.770706	-1.29751	0.0137004	0.304425	-3.28488	0.102881	2.00613	2.00613	0.276549	0.643022	-1.55516	3.05479	7.36485	2.14304	1
cg11553793	0.100249	1.60191	1.60191	0.0171965	0.467837	-2.13749	0.283864	0.747271	-1.3382	0.863479	0.955966	-1.04606	3.05476	3.31256	0.963903	1
cg25421357	0.358761	1.51333	1.51333	0.178829	1.87207	1.87207	0.925924	0.959994	-1.04167	0.275009	0.607366	-1.64645	3.05475	9.32575	2.71366	1
cg21841958	0.912052	1.08615	1.08615	0.200505	2.74919	2.74919	0.990397	1.00904	1.00904	0.996972	1.00284	1.00284	3.05475	27.0634	7.87505	1
cg14530233	0.968459	0.99399	-1.00605	0.173086	0.801696	-1.24736	0.00369282	0.549789	-1.81888	0.490973	0.898831	-1.11256	3.05475	1.12456	0.327232	1
cg19006796	0.0586013	0.704973	-1.41849	0.290094	1.19682	1.19682	0.9616	1.00791	1.00791	0.873137	1.02649	1.02649	3.05471	1.2954	0.376946	1
cg23954953	0.161952	0.813944	-1.22859	0.0108256	0.643262	-1.55458	0.659256	0.940661	-1.06308	0.298171	1.16029	1.16029	3.0547	0.919418	0.267542	1
cg04432137	0.975589	0.993032	-1.00702	0.218438	1.34423	1.34423	0.530614	1.15623	1.15623	0.289721	1.28547	1.28547	3.05469	2.52653	0.735198	1
cg21235903	0.197333	0.688473	-1.45249	0.340557	0.764128	-1.30868	0.322688	0.755934	-1.32287	0.0440269	0.530559	-1.8848	3.05469	3.62952	1.05616	1
cg05806645	0.0309941	0.25129	-3.97946	0.0163047	0.20154	-4.96179	0.0496677	0.294871	-3.39132	0.213777	0.489711	-2.04202	3.05468	14.3899	4.18736	1
cg15075241	0.119801	0.228933	-4.36809	0.035606	0.118046	-8.47129	0.0248193	0.0969467	-10.3149	0.0794187	0.182532	-5.47849	3.05468	36.9167	10.7425	1
cg03867607	0.655381	1.20553	1.20553	0.435825	0.718336	-1.39211	0.0319914	2.84499	2.84499	0.617705	0.811087	-1.23291	3.05467	8.37678	2.43758	1
cg22476893	0.327044	1.1496	1.1496	0.0270407	0.697199	-1.43431	0.130597	1.25226	1.25226	0.636932	1.0677	1.0677	3.05463	0.91847	0.267272	1
cg11820929	0.219365	1.87826	1.87826	0.181189	1.99928	1.99928	0.127243	2.23645	2.23645	0.193112	0.510615	-1.95842	3.05462	11.5225	3.35303	1
cg18058279	0.0625845	0.702246	-1.424	0.106462	1.34626	1.34626	0.383429	0.860059	-1.16271	0.171821	1.27806	1.27806	3.05462	1.37642	0.400535	1
cg04447890	0.0150155	0.69252	-1.444	0.0172699	0.700152	-1.42826	0.262823	0.866339	-1.15428	0.381029	0.895451	-1.11676	3.05461	0.730734	0.212643	1
cg11677998	0.857336	1.06481	1.06481	0.0650136	0.485297	-2.0606	0.713709	0.87934	-1.13722	0.384051	1.36541	1.36541	3.0546	5.89094	1.71426	1
cg25626704	0.638284	0.890087	-1.12349	0.00145082	0.322582	-3.09998	0.733229	1.08777	1.08777	0.573727	1.15002	1.15002	3.05456	2.92532	0.851279	1
cg23371050	0.531112	1.10281	1.10281	0.731307	1.05461	1.05461	0.167615	1.25467	1.25467	0.00935914	1.6625	1.6625	3.05455	1.15099	0.334944	1
cg03606954	0.0883373	0.478355	-2.0905	0.00642903	0.249077	-4.01482	0.0153937	0.311569	-3.20956	0.672104	0.846238	-1.1817	3.05455	7.43971	2.16499	1
cg02355411	0.506865	0.728253	-1.37315	0.552922	0.753769	-1.32667	0.0227731	0.277087	-3.60897	0.588314	1.29349	1.29349	3.05453	10.7273	3.12171	1
cg16418228	0.625385	1.12656	1.12656	0.0307353	1.84891	1.84891	0.464932	1.19736	1.19736	0.799312	0.940165	-1.06364	3.05447	2.83752	0.825755	1
cg21903221	0.516609	0.88275	-1.13282	0.934026	0.984421	-1.01583	0.22801	0.786652	-1.27121	0.0306463	1.61867	1.61867	3.05446	1.73989	0.50633	1
cg26792288	0.226364	0.608523	-1.64332	0.011863	0.292797	-3.41534	0.925347	0.964016	-1.03733	0.0789187	0.46631	-2.14449	3.05446	7.3969	2.1526	1
cg14484793	0.833955	1.07047	1.07047	0.206214	0.648863	-1.54116	0.122779	0.581334	-1.72018	0.0479242	2.08256	2.08256	3.05445	5.09086	1.48151	1
cg12150256	0.866021	0.913194	-1.09506	0.966254	0.977506	-1.02301	0.0985666	2.64888	2.64888	0.189421	2.1118	2.1118	3.05443	13.9897	4.07125	1
cg01761618	0.219971	1.41887	1.41887	0.0785132	1.69912	1.69912	0.387501	0.786414	-1.2716	0.510727	1.19838	1.19838	3.05441	3.55964	1.03592	1
cg15819739	0.0958901	0.278759	-3.58733	0.0188588	0.137122	-7.29279	0.229887	0.41481	-2.41075	0.0535702	0.216262	-4.62402	3.05441	23.6019	6.86859	1
cg11296553	0.0702826	0.539987	-1.8519	0.0105491	0.375376	-2.66399	0.0296584	2.18066	2.18066	0.322339	1.36526	1.36526	3.05436	4.4867	1.30573	1
cg05703112	0.0594727	0.753242	-1.32759	0.0230446	0.696242	-1.43628	0.317656	0.871454	-1.14751	0.138414	0.808567	-1.23676	3.05433	0.858336	0.249798	1
cg18708329	0.593152	0.92121	-1.08553	0.00248982	0.527492	-1.89576	0.869372	1.02536	1.02536	0.391571	1.14291	1.14291	3.05433	1.12022	0.326012	1
cg25172808	0.737997	1.04027	1.04027	0.820043	1.02716	1.02716	0.576998	1.06851	1.06851	0.200331	0.852931	-1.17243	3.05432	0.668951	0.194682	1
cg07542463	0.425038	0.73687	-1.35709	0.00384594	0.232212	-4.30641	0.706418	0.867764	-1.15239	0.036354	0.401732	-2.48922	3.05432	6.79608	1.97784	1
cg07353620	0.989884	1.00811	1.00811	0.137581	2.77115	2.77115	0.529569	0.666348	-1.50072	0.0636707	0.264769	-3.77688	3.05431	19.653	5.71956	1
cg07105125	0.145599	0.656667	-1.52284	0.293111	0.745607	-1.34119	0.424812	0.803014	-1.24531	0.0213301	0.474877	-2.10581	3.05431	3.50463	1.01994	1
cg25843651	0.448883	0.683039	-1.46404	0.00427382	0.151361	-6.60671	0.140041	0.456462	-2.19076	0.48437	0.703966	-1.42052	3.05428	11.8028	3.43498	1
cg09747230	0.0374011	0.499369	-2.00253	0.477045	0.812324	-1.23104	0.796944	0.928552	-1.07695	0.752744	0.913149	-1.09511	3.05425	3.99806	1.16357	1
cg07328495	0.470334	0.839889	-1.19063	0.00725457	0.439149	-2.27713	0.615152	1.12798	1.12798	0.356621	1.25264	1.25264	3.05424	2.73033	0.794618	1
cg15561933	0.369257	0.724607	-1.38006	0.00787493	0.303932	-3.29021	0.0590238	0.474844	-2.10595	0.0735036	0.498052	-2.00782	3.05421	5.90281	1.71794	1
cg05586519	0.419973	0.808576	-1.23674	0.0912447	1.61553	1.61553	0.235839	0.725891	-1.37762	0.582292	1.15402	1.15402	3.0542	3.21671	0.936187	1
cg15002294	0.385682	0.760168	-1.3155	0.0106005	0.371184	-2.69408	0.0154995	2.49816	2.49816	0.58652	0.844226	-1.18452	3.05417	4.59889	1.33847	1
cg02938807	0.22064	1.33913	1.33913	0.078086	1.55886	1.55886	0.262488	1.30337	1.30337	0.0693849	0.63086	-1.58514	3.05414	2.48765	0.724016	1
cg02100474	0.394473	1.15848	1.15848	0.00190081	2.10032	2.10032	0.65959	1.07763	1.07763	0.618244	0.918752	-1.08843	3.05414	1.37609	0.400502	1
cg15292765	0.11336	0.219398	-4.55792	0.319367	2.47431	2.47431	0.10951	4.6468	4.6468	0.0825413	0.183979	-5.4354	3.05413	37.4917	10.9118	1
cg23443003	0.037799	1.97433	1.97433	0.32107	0.748636	-1.33576	0.0835076	1.71765	1.71765	0.0556748	1.84468	1.84468	3.05412	3.85725	1.12264	1
cg11248182	0.545862	1.5167	1.5167	0.200943	2.52571	2.52571	0.00317145	0.0558243	-17.9133	0.57826	1.46607	1.46607	3.28897	23.5939	5.57951	1
cg06220725	0.0321648	0.449455	-2.22492	0.552923	0.825878	-1.21083	0.486568	0.798273	-1.2527	0.934664	1.02647	1.02647	3.05411	4.91293	1.42989	1
cg09015433	0.381437	0.585876	-1.70684	0.815235	1.1496	1.1496	0.936758	0.953837	-1.0484	0.433189	1.61016	1.61016	3.05409	17.1572	4.99358	1
cg12598688	0.0205887	0.373823	-2.67506	0.0026067	0.229638	-4.35469	0.796704	0.912946	-1.09536	0.664838	0.857456	-1.16624	3.05403	6.02043	1.75227	1
cg01456626	0.455936	0.793531	-1.26019	0.094289	1.75104	1.75104	0.728361	0.899255	-1.11203	0.845481	0.942306	-1.06123	3.054	4.48651	1.30583	1
cg05748163	0.881215	1.08245	1.08245	0.980527	1.01302	1.01302	0.0694032	2.93356	2.93356	0.213328	2.00241	2.00241	3.05398	13.5786	3.95216	1
cg16840547	0.0624374	0.456261	-2.19173	0.0286329	0.380555	-2.62774	0.0418443	2.40538	2.40538	0.302008	0.670245	-1.49199	3.05395	6.77227	1.97115	1
cg14866866	0.0573206	2.12061	2.12061	0.119813	0.554318	-1.80402	0.0381884	2.31612	2.31612	0.381748	1.36837	1.36837	3.05395	5.91141	1.72059	1
cg21113478	0.0381875	0.441027	-2.26743	0.0752608	0.509199	-1.96387	0.300655	0.69388	-1.44117	0.0264738	0.40799	-2.45104	3.05394	5.61609	1.63463	1
cg09358130	0.413102	0.822872	-1.21526	0.202114	1.36861	1.36861	0.909078	0.973734	-1.02697	0.674057	0.906143	-1.10358	3.05393	2.62563	0.764228	1
cg06215782	0.049836	1.39793	1.39793	0.854842	1.0278	1.0278	0.915069	0.984152	-1.0161	0.0503892	0.716079	-1.39649	3.0539	1.08454	0.315672	1
cg17628660	0.0713091	0.43111	-2.3196	0.00577901	0.22079	-4.52919	0.118959	2.02763	2.02763	0.311258	0.645586	-1.54898	3.0539	8.43902	2.45632	1
cg21005416	0.118286	0.292244	-3.42179	0.137191	0.313082	-3.19405	0.0831829	0.24874	-4.02026	0.117155	0.29095	-3.43702	3.0539	25.45	7.40764	1
cg02515738	0.885001	1.04091	1.04091	0.0285884	2.0454	2.0454	0.847655	1.05473	1.05473	0.870686	1.04617	1.04617	3.05388	3.71247	1.08058	1
cg20998127	0.0924485	0.726471	-1.37652	0.0357484	1.5245	1.5245	0.229624	1.243	1.243	0.127525	0.752496	-1.32891	3.05387	1.44029	0.419224	1
cg04587858	0.0701636	1.72982	1.72982	0.973302	1.0091	1.0091	0.0513249	1.8233	1.8233	0.973253	0.990965	-1.00912	3.05387	3.54437	1.03166	1
cg00262061	0.743617	1.06933	1.06933	0.0034037	2.25476	2.25476	0.983132	0.995691	-1.00433	0.674698	0.917399	-1.09004	3.05383	2.0175	0.587239	1
cg02966076	0.0209694	0.617518	-1.61939	0.0172263	0.604317	-1.65476	0.199084	0.790174	-1.26554	0.86166	0.970182	-1.03073	3.05383	1.45687	0.424056	1
cg09031165	0.82643	0.978444	-1.02203	0.0459147	1.25486	1.25486	0.28521	1.11644	1.11644	0.168765	0.864591	-1.15662	3.05379	0.476194	0.138609	1
cg02060408	0.0298376	2.20662	2.20662	?	?	?	0.143293	0.618846	-1.61591	0.469009	0.800216	-1.24966	3.3784	3.70906	1.09787	1
cg03876032	0.37391	0.43731	-2.28671	0.1525	0.249385	-4.00987	0.0315145	9.83046	9.83046	0.950892	0.945717	-1.0574	3.05376	39.717	11.5608	1
cg23928032	0.530098	0.804635	-1.2428	0.29421	0.689484	-1.45036	0.530566	1.24248	1.24248	0.382651	0.736409	-1.35794	3.05375	5.64869	1.64423	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12605662	RAX	0.0653384	0.0811423	0.0203571	-49.1229	0.111099	0.0303253	-32.9758	0.29671	0.113154	-8.83751	0.0295151	0.00573131	-174.48	0.0285566	0.00549808	-181.882
cg00501919	LTA;LTA	0.0653409	0.682184	0.870503	-1.14876	0.538716	0.810861	-1.23326	0.00466125	0.281563	-3.55161	0.589744	1.20125	1.20125	0.044295	0.459234	-2.17754
cg25152348	NCAPH2;LMF2;NCAPH2;NCAPH2;NCAPH2	0.0653411	0.741106	0.963759	-1.0376	0.136981	0.836647	-1.19525	0.164636	1.17947	1.17947	0.550716	0.934995	-1.06952	0.0477104	0.777178	-1.28671
cg03471122	GABRA5;GABRA5	0.0653414	0.105709	0.73286	-1.36452	0.316232	1.19989	1.19989	0.567821	1.10688	1.10688	0.148819	0.761622	-1.31299	0.756733	0.946819	-1.05617
cg19277884	SPATA2;SPATA2	0.0653418	0.632252	0.802649	-1.24588	0.00397755	0.171103	-5.84442	0.163624	0.507721	-1.96959	0.338814	1.5676	1.5676	0.351198	0.645662	-1.5488
cg06697522	TPO;TPO;TPO;TPO	0.0653424	0.24822	0.782202	-1.27844	0.0114697	1.90343	1.90343	0.187578	1.3287	1.3287	0.975902	1.00617	1.00617	0.36424	0.827178	-1.20893
cg08550785	RIMS2	0.0653438	0.388792	1.14917	1.14917	0.483993	0.894072	-1.11848	0.623219	0.925009	-1.08107	0.264807	1.20076	1.20076	0.24894	1.2089	1.2089
cg17826428	BTNL8;BTNL8;BTNL8;BTNL8;BTNL8;BTNL8	0.0653454	0.0370837	0.246797	-4.05191	0.0927856	0.34334	-2.91256	0.0714488	0.312365	-3.20138	0.0204359	0.198931	-5.02687	0.144779	0.404434	-2.47259
cg24571110	B3GNTL1	0.0653465	0.0475864	0.216823	-4.61206	0.552091	1.5006	1.5006	0.0371482	0.195446	-5.11651	0.329526	1.97174	1.97174	0.524948	0.647491	-1.54442
cg20354580	KIAA1257	0.0653489	0.0310708	0.697264	-1.43418	0.0850449	0.762385	-1.31167	0.14083	0.797966	-1.25319	0.246136	0.841296	-1.18864	0.862659	0.975632	-1.02498
cg19663555	SGCE;PEG10;SGCE;PEG10;SGCE	0.0653504	0.215718	1.15273	1.15273	0.801159	0.972848	-1.02791	0.170119	1.17278	1.17278	0.193022	0.860478	-1.16214	0.115618	1.20511	1.20511
cg06487194	JARID2	0.0653516	0.0130245	0.393122	-2.54374	0.59645	1.1758	1.1758	0.497366	1.2322	1.2322	0.288405	0.716058	-1.39653	0.0236146	0.440857	-2.26831
cg10420223	UBD	0.0653537	0.155622	0.823573	-1.21422	0.00528423	0.625156	-1.5996	0.0637195	0.766212	-1.30512	0.373217	0.889776	-1.12388	0.299428	0.871629	-1.14728
cg25594899	FAM132A	0.0653539	0.145344	0.218757	-4.57128	0.920682	0.907734	-1.10164	0.653522	1.55139	1.55139	0.00399779	42.9488	42.9488	0.234713	0.298015	-3.35554
cg11348442	TUBA4B;TUBA4A	0.0653549	0.0741294	4.75831	4.75831	0.049134	5.81471	5.81471	0.129331	3.61304	3.61304	0.17395	3.10731	3.10731	0.0750943	4.72829	4.72829
cg00860550	APBA3	0.0653553	0.55171	1.17794	1.17794	0.0791227	0.588504	-1.69922	0.161583	0.66595	-1.50161	0.894629	0.964602	-1.0367	0.00327007	0.336107	-2.97525
cg09063434	DIP2C	0.0653569	0.510491	0.804145	-1.24356	0.0634241	0.505803	-1.97706	0.0240931	0.415428	-2.40716	0.605496	0.843542	-1.18548	0.213917	1.53316	1.53316
cg19864808	STK19;STK19;STK19;DOM3Z	0.0653574	0.0482603	0.0987645	-10.1251	0.284803	0.31996	-3.12539	0.980416	0.975138	-1.0255	0.191148	0.241811	-4.13547	0.0622286	0.11613	-8.61101
cg17697873	DLGAP2	0.0653576	0.0766177	0.622398	-1.60669	0.061311	1.66132	1.66132	0.0691405	1.63166	1.63166	0.351672	0.793927	-1.25956	0.0992035	0.647171	-1.54519
cg10421990	MAPK10;MAPK10;MAPK10;MAPK10	0.0653589	0.164356	0.687819	-1.45387	0.122499	0.655656	-1.52519	0.0945833	0.629106	-1.58956	0.153594	0.680198	-1.47016	0.117019	0.650848	-1.53646
cg10395222	PRCP;C11orf82;PRCP	0.065359	0.679746	0.836134	-1.19598	0.198593	1.7963	1.7963	0.717051	1.16989	1.16989	0.563395	0.777357	-1.28641	0.00324075	0.177074	-5.64735
cg09973852	SEPHS2	0.06536	0.181357	1.38874	1.38874	0.570362	0.875694	-1.14195	0.177048	1.39385	1.39385	0.490447	0.850343	-1.176	0.240677	0.75255	-1.32882
cg22648929	PXDN	0.0653608	0.52768	0.817706	-1.22293	0.0996852	0.566946	-1.76384	0.131626	1.66844	1.66844	0.630857	1.16448	1.16448	0.0051987	0.313501	-3.18978
cg18588794	CDC42BPB	0.0653614	0.731679	1.13421	1.13421	0.106606	1.90531	1.90531	0.0204184	2.77977	2.77977	0.141577	1.78305	1.78305	0.179414	0.593472	-1.685
cg23246901	SLC24A6;SLC24A6	0.0653615	0.511382	0.867945	-1.15215	0.0419942	0.607568	-1.64591	0.503126	1.15545	1.15545	0.460761	0.852422	-1.17313	0.125523	0.702899	-1.42268
cg15834952	ALOX12P2	0.0653619	0.0946917	0.455475	-2.19551	0.0128408	0.266331	-3.75472	0.441549	0.714621	-1.39934	0.0762842	2.32666	2.32666	0.0276114	0.327847	-3.05021
cg11235871	QARS	0.0653621	0.687354	0.955003	-1.04712	0.366654	1.11131	1.11131	0.0814018	1.24586	1.24586	0.276752	0.879202	-1.13739	0.0546921	1.28148	1.28148
cg20634573	ADRA2B	0.0653632	0.867175	0.97308	-1.02766	0.0351297	1.49203	1.49203	0.188001	1.25538	1.25538	0.426812	0.876097	-1.14143	0.155554	1.28113	1.28113
cg05189667	PPAP2A;PPAP2A	0.065364	0.0758871	0.421092	-2.37478	0.704931	0.84657	-1.18124	0.118484	0.476152	-2.10017	0.816136	0.903053	-1.10735	0.0151115	0.270604	-3.69543
cg05712979	FAM101A	0.0653644	0.0326774	0.121117	-8.25647	0.2261	0.341801	-2.92568	0.0251324	0.105442	-9.48388	0.273208	0.381711	-2.61979	0.00732187	0.0539215	-18.5455
cg06271652	USP31	0.065365	0.0435311	0.206199	-4.84969	0.142667	0.342373	-2.92079	0.0115349	0.11659	-8.57706	0.693068	1.30977	1.30977	0.0815225	0.268917	-3.71862
cg19114050	BCL2L10	0.0653653	0.545593	1.5767	1.5767	0.305679	2.20241	2.20241	0.236414	2.5182	2.5182	0.746312	1.27333	1.27333	0.0736216	4.41355	4.41355
cg12424646	GPR124	0.0653668	0.390422	0.724091	-1.38104	0.183043	1.67914	1.67914	0.444485	1.33104	1.33104	0.605453	1.21066	1.21066	0.204945	0.612232	-1.63337
cg22958315	SOS1	0.0653678	0.0625207	0.575363	-1.73803	0.0222955	0.485681	-2.05896	0.100061	0.621786	-1.60827	0.756622	0.921294	-1.08543	0.0127594	0.442249	-2.26117
cg08654020	C19orf56;MORG1;MORG1;MORG1	0.065368	0.148854	0.576859	-1.73353	0.400733	0.736643	-1.35751	0.281158	0.671637	-1.4889	0.725765	0.882373	-1.13331	0.209288	0.624839	-1.60041
cg17084751	ZNF215	0.0653685	0.0319452	0.508686	-1.96585	0.349376	0.771786	-1.2957	0.0663498	0.574795	-1.73975	0.243178	0.720073	-1.38875	0.00495791	0.367717	-2.71949
cg13186570	RIMKLB	0.0653689	0.0677589	0.485893	-2.05807	0.353387	1.4005	1.4005	0.62241	1.19135	1.19135	0.73085	0.885319	-1.12954	0.0246695	0.389195	-2.56941
cg21846903	VTN;VTN	0.0653694	0.0224992	0.342374	-2.92078	0.305263	1.51639	1.51639	0.261078	0.631499	-1.58353	0.864092	0.93502	-1.0695	0.00679426	0.252702	-3.95724
cg18286080	HCG18;HCG18	0.0653704	0.0196307	0.163627	-6.11147	0.303714	0.504597	-1.98178	0.429533	0.595828	-1.67834	0.920091	1.06655	1.06655	0.0172917	0.155391	-6.43539
cg03040554	ACSL3;ACSL3	0.0653705	0.865771	1.03521	1.03521	0.119826	1.41225	1.41225	0.136478	0.720267	-1.38837	0.0583831	1.54877	1.54877	0.997942	0.999473	-1.00053
cg16496750	KIAA1033;KIAA1033	0.0653708	?	?	?	?	?	?	0.0759296	4.51564	4.51564	0.117793	0.284075	-3.5202	0.302526	2.11434	2.11434
cg11630148	INPP5A	0.0653726	0.160541	0.776273	-1.28821	0.813903	0.960946	-1.04064	0.377093	0.858027	-1.16547	0.54275	1.1097	1.1097	0.00584211	0.543513	-1.83988
cg04112626	PAQR3	0.0653753	0.0237395	0.405133	-2.46832	0.227295	0.654254	-1.52846	0.171766	0.614502	-1.62733	0.523957	0.805599	-1.24131	0.0134604	0.359105	-2.7847
cg03437656	CCNL1	0.0653757	0.490377	0.870772	-1.14841	0.0258912	0.593093	-1.68608	0.263453	0.794333	-1.25892	0.201462	0.766103	-1.30531	0.68244	0.921963	-1.08464
cg14997132	VCAN;VCAN;VCAN;VCAN	0.0653762	0.0259687	0.39354	-2.54103	0.0123328	0.333051	-3.00254	0.706296	1.14291	1.14291	0.165176	0.593122	-1.68599	0.0579593	0.469424	-2.13027
cg04023573	PRKCZ;PRKCZ	0.065378	0.0188839	0.336594	-2.97094	0.423064	0.731015	-1.36796	0.859128	0.934236	-1.07039	0.636654	1.19986	1.19986	0.0294878	0.374708	-2.66875
cg20558112	SLC25A30	0.0653793	0.531743	0.67554	-1.4803	0.0018088	0.0547008	-18.2813	0.252339	0.475233	-2.10423	0.397199	1.7121	1.7121	0.269141	0.488854	-2.0456
cg01035160	SNCA;SNCA;SNCA;SNCA	0.0653797	0.0106656	1.51321	1.51321	0.631784	1.06428	1.06428	0.871931	1.02104	1.02104	0.0113144	0.664127	-1.50574	0.876249	1.02031	1.02031
cg14025336	ZNF528	0.0653805	0.026005	0.454077	-2.20227	0.0111229	0.386334	-2.58843	0.981616	1.00691	1.00691	0.100843	0.584521	-1.7108	0.156134	0.635502	-1.57356
cg03875091	INPP5A	0.065382	0.399791	0.842942	-1.18632	0.532615	0.882244	-1.13347	0.00392114	0.463245	-2.15868	0.301586	0.80884	-1.23634	0.820526	0.955956	-1.04607
cg21028292	IFT122;IFT122;MBD4;IFT122;MBD4;IFT122	0.0653826	0.113904	0.718991	-1.39084	0.00984475	1.86971	1.86971	0.924407	0.98196	-1.01837	0.566571	1.11753	1.11753	0.265745	1.24914	1.24914
cg22926560	PFKFB2;PFKFB2	0.0653833	0.468252	1.58674	1.58674	0.138282	0.3685	-2.7137	0.422286	1.66993	1.66993	0.277758	2.02606	2.02606	0.160243	0.391203	-2.55621
cg13168187	PKP4;PKP4	0.0653876	0.307254	0.550115	-1.8178	0.0178151	5.09779	5.09779	0.0241893	4.57059	4.57059	0.645446	1.29947	1.29947	0.0404807	0.262385	-3.8112
cg22747501	CHN2	0.0653884	0.169844	0.465333	-2.149	0.262392	0.54259	-1.84301	0.845786	0.903137	-1.10725	0.155596	0.451594	-2.21438	0.0154969	0.211488	-4.72839
cg08342588	PACSIN1	0.0653886	0.689963	1.04294	1.04294	0.647015	1.04955	1.04955	0.17651	1.16414	1.16414	0.898908	1.01341	1.01341	0.0397577	0.775005	-1.29031
cg09096787	EBF3	0.0653899	0.0669038	0.309623	-3.22973	0.0414737	0.261326	-3.82664	0.00881007	0.149024	-6.71033	0.380798	0.598632	-1.67048	0.116712	0.37801	-2.64543
cg15225991	INPP5A	0.0653901	0.21959	1.34027	1.34027	0.0320078	1.76824	1.76824	0.00775014	2.17247	2.17247	0.613342	1.12255	1.12255	0.702388	0.916587	-1.091
cg09144226	C5orf52	0.0653912	0.0496175	2.82622	2.82622	0.34989	1.56257	1.56257	0.257717	1.72952	1.72952	0.165431	1.98621	1.98621	0.0713704	2.54489	2.54489
cg11416433	SNORD115-8	0.0653919	0.0555684	0.301867	-3.31272	0.00493636	0.128008	-7.812	0.596416	0.744483	-1.34321	0.538419	0.709	-1.41044	0.0624803	0.314259	-3.18209
cg15903931	FAM91A1	0.0653924	0.149629	1.34398	1.34398	0.018938	0.580509	-1.72263	0.547647	0.890082	-1.12349	0.859165	0.966582	-1.03457	0.15668	1.33631	1.33631
cg17228560	KLHL10;NT5C3L	0.0653928	0.0591044	0.231078	-4.32755	0.041743	0.199194	-5.02023	0.339968	0.508626	-1.96608	0.219212	0.411392	-2.43077	0.0285347	0.169256	-5.90822
cg07392838	LPPR5;LPPR5	0.0653939	0.515293	1.21207	1.21207	0.070969	1.80056	1.80056	0.159968	1.54913	1.54913	0.933179	0.975849	-1.02475	0.783399	0.92281	-1.08365
cg15949845	PLEKHH1	0.0653947	0.419821	1.69662	1.69662	0.00646114	9.69065	9.69065	0.201391	2.37579	2.37579	0.0592197	3.9199	3.9199	0.0529535	4.09854	4.09854
cg21438527	HIST1H4D	0.0653947	0.653931	0.702054	-1.42439	0.479818	1.75609	1.75609	0.646592	1.43605	1.43605	0.126789	3.64982	3.64982	0.94627	0.948539	-1.05425
cg12742338	CLIC6	0.0653961	0.554179	1.23113	1.23113	0.609572	1.19601	1.19601	0.306394	1.44484	1.44484	0.150517	1.70833	1.70833	0.373711	0.728095	-1.37345
cg09511724	CASZ1;CASZ1	0.0653961	0.440247	1.24754	1.24754	0.528464	1.19657	1.19657	0.0376424	0.507825	-1.96918	0.077982	0.576753	-1.73384	0.107859	0.610776	-1.63726
cg17796323	N4BP3	0.0653968	0.261374	0.543094	-1.8413	0.0676103	2.9071	2.9071	0.481156	0.688527	-1.45238	0.394025	0.634429	-1.57622	0.108775	0.40186	-2.48843
cg01264963	OR10G4	0.0653979	0.610937	1.30036	1.30036	0.439409	1.49733	1.49733	0.0343737	0.282702	-3.53729	0.147208	0.451024	-2.21718	0.0417647	0.300784	-3.32464
cg06533233	MIR548F1	0.0653982	0.0281494	0.484693	-2.06316	0.415812	1.26154	1.26154	0.0162836	0.440132	-2.27204	0.230216	0.703531	-1.4214	0.0182694	0.449219	-2.22609
cg26337985	MOSC1;MOSC1	0.0653998	0.291953	0.874864	-1.14304	0.0101085	1.487	1.487	0.864299	1.02113	1.02113	0.358642	0.891004	-1.12233	0.0429333	1.32954	1.32954
cg06814121	MID1;MID1	0.0653999	0.332626	0.735342	-1.35991	0.0595591	0.519932	-1.92333	0.662901	0.873791	-1.14444	0.197169	0.657467	-1.52099	0.00837349	0.35481	-2.81841
cg22374057	FAM38B;FAM38B	0.0654037	0.699292	0.743844	-1.34437	0.102394	0.255966	-3.90676	0.241512	0.392712	-2.54639	0.973985	0.975446	-1.02517	0.274471	0.42025	-2.37954
cg04891861	PRCP;C11orf82;PRCP	0.0654039	0.0323509	0.589967	-1.69501	0.0539432	0.630802	-1.58528	0.0137032	0.526279	-1.90013	0.109337	0.692345	-1.44437	0.0998222	0.683999	-1.46199
cg05755837	PMPCB	0.0654048	0.0389695	0.602702	-1.6592	0.00896279	0.494493	-2.02227	0.121249	1.42755	1.42755	0.887721	1.03038	1.03038	0.710877	0.924147	-1.08208
cg21234123	NOTCH1	0.0654056	0.394414	0.639515	-1.56369	0.916276	0.947535	-1.05537	0.473736	0.68838	-1.45269	0.105003	2.47906	2.47906	0.0090175	0.182423	-5.48177
cg04819096	HOXC13	0.0654065	0.63253	1.11902	1.11902	0.781463	1.06707	1.06707	0.107607	0.663714	-1.50667	0.0216507	1.90341	1.90341	0.494409	0.850462	-1.17583
cg17857642	C5orf37;C5orf37	0.0654077	0.689912	0.942742	-1.06074	0.239603	1.19847	1.19847	0.114665	0.777057	-1.28691	0.302771	1.16993	1.16993	0.702675	1.05801	1.05801
cg05437446	MCF2L	0.0654096	0.204262	0.617415	-1.61966	0.368973	0.717403	-1.39392	0.183041	1.66284	1.66284	0.520497	1.26421	1.26421	0.00939989	0.305701	-3.27118
cg03444566	MYEOV2;MYEOV2	0.0654127	0.783708	1.06291	1.06291	0.899529	1.02841	1.02841	0.635929	1.11154	1.11154	0.455952	0.845039	-1.18338	0.00495095	0.438151	-2.28232
cg06453088	CRMP1;CRMP1	0.065414	0.0117995	0.271847	-3.67853	0.565485	1.27207	1.27207	0.517086	0.761803	-1.31268	0.880259	1.06443	1.06443	0.0549412	0.405945	-2.46339
cg07482372	PHLDA2	0.0654152	0.49696	0.689808	-1.44968	0.00809877	0.161107	-6.20707	0.176025	0.460881	-2.16976	0.222936	1.99283	1.99283	0.0336612	0.262934	-3.80324
cg09047233	NASP;NASP;NASP	0.0654177	0.152107	0.839809	-1.19075	0.0542592	1.28218	1.28218	0.575035	1.06658	1.06658	0.280507	0.880161	-1.13616	0.40631	1.1015	1.1015
cg16957313	DUSP1	0.0654178	0.223968	0.351786	-2.84264	0.279144	0.398453	-2.50971	0.478633	0.554852	-1.80228	0.0736222	0.195737	-5.10889	0.0111225	0.0740576	-13.503
cg22198044	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.0654181	0.0459393	0.453159	-2.20673	0.0899236	1.90929	1.90929	0.366508	1.37849	1.37849	0.0878257	1.91911	1.91911	0.0369455	0.432422	-2.31255
cg08729442	KCTD20	0.0654269	0.094903	0.505504	-1.97822	0.377748	0.714331	-1.39991	0.0798759	0.485586	-2.05937	0.89858	0.953708	-1.04854	0.279241	0.658262	-1.51915
cg18574911	C17orf101;C17orf101	0.065427	0.947002	0.979758	-1.02066	0.115497	1.69277	1.69277	0.880674	0.954842	-1.04729	0.246894	0.68903	-1.45131	0.0168635	0.407839	-2.45195
cg20295049	KIAA1751	0.0654271	0.0254357	0.275031	-3.63596	0.132434	0.454253	-2.20142	0.589928	0.76764	-1.30269	0.192642	0.511632	-1.95453	0.0129625	0.223393	-4.47641
cg15444648	FLJ42709;FLJ42709;FLJ42709	0.0654293	0.106771	4.13336	4.13336	0.329933	2.24839	2.24839	0.733475	1.3171	1.3171	0.402492	1.99464	1.99464	0.856847	1.15664	1.15664
cg26520371	M6PR	0.0654296	0.433786	0.91231	-1.09612	0.12263	1.21194	1.21194	0.00958523	1.45772	1.45772	0.566839	0.935646	-1.06878	0.16341	1.18639	1.18639
cg19362080	RUSC1;RUSC1;RUSC1;RUSC1	0.0654348	0.135928	0.700084	-1.4284	0.0745958	1.55383	1.55383	0.63625	0.899683	-1.1115	0.0897496	0.660319	-1.51442	0.137471	1.4261	1.4261
cg06019590	SLC9A3	0.065436	0.173755	2.0965	2.0965	0.153176	2.18681	2.18681	0.327819	1.67644	1.67644	0.719662	1.20245	1.20245	0.450969	1.48123	1.48123
cg19740763	INPPL1	0.0654373	0.19132	0.877695	-1.13935	0.220488	1.12915	1.12915	0.943611	0.993352	-1.00669	0.882114	0.986105	-1.01409	0.0907077	1.19214	1.19214
cg24567405	SRPK1;SRPK1	0.0654412	0.761277	0.929797	-1.0755	0.616638	0.886412	-1.12814	0.122022	0.670065	-1.49239	0.0779075	0.62626	-1.59678	0.460962	0.835853	-1.19638
cg17160094	PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1	0.0654418	0.0328857	0.112913	-8.85636	0.0382931	0.122662	-8.15247	0.334746	0.419169	-2.38567	0.382155	0.456863	-2.18884	0.0251424	0.0975093	-10.2554
cg12226006	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0654435	0.703911	1.16295	1.16295	0.682337	0.849849	-1.17668	0.93071	1.03498	1.03498	0.017044	3.15822	3.15822	0.224589	0.603903	-1.65589
cg01046376	PRM3	0.0654437	0.123071	0.450154	-2.22146	0.0973196	0.419242	-2.38525	0.0210473	0.265565	-3.76555	0.385172	0.653523	-1.53017	0.00676023	0.186859	-5.35164
cg27090492	TUBGCP4;ZSCAN29	0.0654472	0.46123	0.921933	-1.08468	0.888816	0.984957	-1.01527	0.3278	0.896323	-1.11567	0.32806	1.1156	1.1156	0.320098	0.894646	-1.11776
cg04449470	GJC1;GJC1	0.0654485	0.187409	0.78551	-1.27306	0.899852	0.97848	-1.02199	0.402407	1.1596	1.1596	0.871625	1.02834	1.02834	0.444615	1.14414	1.14414
cg16122707	MYO7B	0.0654493	0.318813	0.790787	-1.26456	0.07419	1.57346	1.57346	0.0348105	0.570945	-1.75148	0.085461	0.648479	-1.54207	0.491583	0.852866	-1.17252
cg03065311	ZNF512B	0.0654495	0.131613	0.725777	-1.37783	0.0832795	0.685527	-1.45873	0.296019	0.807847	-1.23786	0.297706	1.23687	1.23687	0.880434	0.970794	-1.03008
cg00123181	SLC44A4	0.0654507	0.118589	0.476885	-2.09694	0.861294	0.926412	-1.07943	0.604547	0.795859	-1.2565	0.357787	1.51183	1.51183	0.00767018	0.22365	-4.47127
cg08575922	DHH	0.0654517	0.497931	0.875776	-1.14184	0.91517	0.979669	-1.02075	0.135433	0.733281	-1.36373	0.934148	1.01606	1.01606	0.293501	0.81053	-1.23376
cg03625951	PPIL4	0.0654523	0.702432	0.944712	-1.05852	0.0544291	1.38176	1.38176	0.0437355	1.40985	1.40985	0.486205	1.11053	1.11053	0.0567655	1.37643	1.37643
cg18191200	BIK	0.0654558	0.0665388	1.28008	1.28008	0.309334	1.13458	1.13458	0.38783	1.11207	1.11207	0.178829	1.18697	1.18697	0.0207046	1.39696	1.39696
cg17921295	MEIS3P1	0.0654559	0.190838	0.536633	-1.86347	0.0555029	2.6518	2.6518	0.0408535	2.88855	2.88855	0.34851	1.54298	1.54298	0.0229979	0.294646	-3.3939
cg03153775	CDCP1;CDCP1	0.0654565	0.351829	0.740098	-1.35117	0.0467651	0.489135	-2.04443	0.042457	0.48	-2.08333	0.448167	1.27483	1.27483	0.772234	1.09545	1.09545
cg20042291	ZBTB47	0.0654585	0.326625	1.4167	1.4167	0.00596703	3.44322	3.44322	0.134497	1.74201	1.74201	0.0369858	2.30063	2.30063	0.449272	0.767049	-1.3037
cg23674189	PRR22;DUS3L;DUS3L;PRR22	0.0654588	0.234287	0.601785	-1.66172	0.139612	0.523349	-1.91077	0.0265369	0.342647	-2.91846	0.370689	0.687685	-1.45415	0.0136683	0.28873	-3.46344
cg08157440	BANP;BANP	0.0654589	0.157169	0.552866	-1.80876	0.00300938	0.203222	-4.92072	0.543061	0.78572	-1.27272	0.59202	0.809034	-1.23604	0.483592	0.756625	-1.32166
cg10331154	LRP12;LRP12	0.0654611	0.820872	1.02244	1.02244	0.0709473	1.21826	1.21826	0.121327	1.17865	1.17865	0.951788	0.994101	-1.00593	0.729663	0.966623	-1.03453
cg01030121	LOC283392;TRHDE;LOC283392	0.0654616	0.194382	0.710089	-1.40827	0.144073	0.676136	-1.47899	0.00382639	2.64408	2.64408	0.200358	0.713681	-1.40119	0.64622	0.891136	-1.12216
cg27424853	ACSF3;ACSF3;ACSF3	0.0654622	0.692368	0.908044	-1.10127	0.0353338	1.81213	1.81213	0.0244872	0.522007	-1.91568	0.887018	1.03509	1.03509	0.0162329	0.490112	-2.04035
cg00779476	TNXB	0.0654648	0.148036	1.5082	1.5082	0.00741246	2.49284	2.49284	0.903949	1.03248	1.03248	0.021133	2.08379	2.08379	0.528208	1.18438	1.18438
cg06503824	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0654654	0.18609	0.68458	-1.46075	0.299543	0.747792	-1.33727	0.00664118	0.385869	-2.59155	0.268626	0.732382	-1.36541	0.32346	0.759062	-1.31741
cg19142054	CETN1	0.0654664	0.270197	0.79405	-1.25937	0.0309391	1.66345	1.66345	0.941684	0.985412	-1.0148	0.736084	0.934309	-1.07031	0.142791	1.37216	1.37216
cg12323274	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0654664	0.0772826	6.57351	6.57351	0.0140101	18.3338	18.3338	0.230329	3.34182	3.34182	0.166998	4.10598	4.10598	0.867354	1.17382	1.17382
cg22754765	C12orf42;C12orf42	0.0654688	0.845943	0.964291	-1.03703	0.310442	0.821859	-1.21675	0.511426	1.13258	1.13258	0.142584	0.744818	-1.34261	0.0207367	1.68289	1.68289
cg08909961	MSH4	0.0654689	0.139801	0.642263	-1.55699	0.440316	0.803075	-1.24521	0.290162	1.35789	1.35789	0.36265	0.770482	-1.29789	0.0299289	0.490753	-2.03769
cg14258935	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.06547	0.442021	1.54767	1.54767	0.00502053	7.90899	7.90899	0.0129492	5.57634	5.57634	0.897159	1.0747	1.0747	0.411967	1.59579	1.59579
cg16655166	LOC339788	0.0654713	0.367342	0.787055	-1.27056	0.316833	0.765224	-1.30681	0.0583356	0.575112	-1.73879	0.477435	0.829622	-1.20537	0.290512	1.32798	1.32798
cg25246745	PDZD7;SFXN3;SFXN3	0.0654715	0.015618	0.576472	-1.73469	0.619176	0.911101	-1.09757	0.267422	0.806804	-1.23946	0.452053	0.867309	-1.15299	0.0291336	0.620181	-1.61243
cg01069738	RBP1	0.0654727	0.215309	0.466199	-2.145	0.0134136	0.166696	-5.99894	0.0256313	0.211972	-4.71759	0.717592	1.2368	1.2368	0.0666841	0.300271	-3.33032
cg27301331	E2F3	0.0654733	0.413011	0.90427	-1.10586	0.126444	1.21992	1.21992	0.0307567	1.35672	1.35672	0.0505242	0.764942	-1.30729	0.525871	1.08035	1.08035
cg01196996	LOC401127	0.0654737	0.54734	0.853748	-1.17131	0.00965619	0.427242	-2.34059	0.38507	0.793552	-1.26016	0.676465	1.11513	1.11513	0.796072	1.06956	1.06956
cg24314662	THSD4	0.0654743	0.0204697	0.306636	-3.26119	0.00707802	0.229216	-4.3627	0.234495	0.590083	-1.69468	0.415335	0.702989	-1.4225	0.0725034	0.428169	-2.33553
cg18107144	TINAGL1;TINAGL1	0.0654747	0.0360176	6.47827	6.47827	0.0249534	7.72175	7.72175	0.144445	3.32354	3.32354	0.0968461	4.04018	4.04018	0.0254245	7.65266	7.65266
cg24334259	CEP70	0.0654777	0.00953174	0.346567	-2.88545	0.39326	0.754098	-1.32609	0.498976	0.801315	-1.24795	0.204189	0.648925	-1.54101	0.0122044	0.36502	-2.73958
cg02859443	RPGRIP1L;RPGRIP1L;FTO;FTO	0.0654789	0.341356	1.19154	1.19154	0.559021	1.11139	1.11139	0.402936	0.858138	-1.16531	0.00196169	0.45737	-2.18641	0.454779	0.872768	-1.14578
cg04659473	IFIT1	0.0654793	0.157324	0.494472	-2.02236	0.0642335	2.63372	2.63372	0.0656517	2.6171	2.6171	0.314723	0.61621	-1.62282	0.0160612	0.253539	-3.94417
cg10453071	DOK4	0.0654809	0.0453565	1.62082	1.62082	0.143597	1.3918	1.3918	0.694336	1.08664	1.08664	0.0837383	1.49576	1.49576	0.476573	1.16447	1.16447
cg02233493	FLJ30058	0.0654809	0.0779161	3.62705	3.62705	0.274725	2.11155	2.11155	0.458214	1.64345	1.64345	0.170993	2.6084	2.6084	0.107699	0.315202	-3.17257
cg01208563	FOS	0.0654836	0.891505	0.978638	-1.02183	0.199414	1.23928	1.23928	0.0329609	0.673926	-1.48384	0.0278122	0.662714	-1.50895	0.0200239	0.641411	-1.55906
cg15266530	CALD1;CALD1;CALD1	0.0654847	0.554405	1.23619	1.23619	0.375808	1.38028	1.38028	0.560455	1.23211	1.23211	0.549118	1.23979	1.23979	0.581749	1.21807	1.21807

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12605662	0.0661051	0.0157342	-63.5556	0.0134067	0.00209686	-476.905	0.30052	0.11525	-8.6768	0.0285668	0.00550055	-181.8	3.05373	196.175	57.1032	1
cg00501919	0.542586	1.23074	1.23074	0.0291692	0.42072	-2.37688	0.30415	0.698744	-1.43114	0.888186	0.953718	-1.04853	3.05369	5.48735	1.5973	1
cg25152348	0.31301	0.890307	-1.12321	0.00763346	1.46503	1.46503	0.832984	1.02379	1.02379	0.914161	0.988067	-1.01208	3.05368	0.599511	0.17451	1
cg03471122	0.875216	1.02802	1.02802	0.00553546	1.89858	1.89858	0.201368	1.26781	1.26781	0.158017	1.30402	1.30402	3.05367	1.49582	0.435417	1
cg19277884	0.105829	0.446883	-2.23772	0.0935489	0.431304	-2.31855	0.140543	0.485366	-2.0603	0.428166	1.44604	1.44604	3.05367	10.0544	2.92672	1
cg06697522	0.113723	1.41936	1.41936	0.246107	0.781263	-1.27998	0.265326	0.789603	-1.26646	0.103355	0.695912	-1.43696	3.05366	2.00279	0.582992	1
cg08550785	0.707827	1.06106	1.06106	0.00278335	0.522518	-1.91381	0.212021	0.813059	-1.22992	0.354982	0.860887	-1.16159	3.05363	1.1985	0.348875	1
cg17826428	0.119604	0.37676	-2.65421	0.00858158	0.144025	-6.94324	0.306644	0.542406	-1.84364	0.0761317	0.319601	-3.1289	3.0536	16.1574	4.70335	1
cg24571110	0.192307	0.394129	-2.53724	0.0589775	4.21541	4.21541	0.0950683	0.290106	-3.44702	0.110829	0.309715	-3.22878	3.05358	22.0139	6.40818	1
cg20354580	0.354704	1.14529	1.14529	0.0791515	0.757517	-1.3201	0.0123967	0.641798	-1.55812	0.340927	1.15007	1.15007	3.05354	0.9817	0.285774	1
cg19663555	0.0851043	1.2308	1.2308	0.0108617	1.41748	1.41748	0.32577	0.895227	-1.11704	0.0704959	1.24671	1.24671	3.05351	0.575439	0.167513	1
cg06487194	0.693509	0.886891	-1.12753	0.0603873	0.526347	-1.89989	0.64547	0.869023	-1.15072	0.0293891	0.45955	-2.17604	3.05349	4.44127	1.29288	1
cg10420223	0.274324	0.864748	-1.15641	0.447722	1.10391	1.10391	0.0176293	0.691516	-1.4461	0.334915	0.880694	-1.13547	3.05345	0.789313	0.229777	1
cg25594899	0.608726	1.65171	1.65171	0.0937051	0.166695	-5.99898	0.532066	0.540555	-1.84995	0.888599	0.872647	-1.14594	3.05344	45.6839	13.299	1
cg11348442	0.0423301	6.25223	6.25223	0.0496341	5.78612	5.78612	0.00733016	15.0225	15.0225	0.0823686	4.51884	4.51884	3.05342	29.7107	8.64916	1
cg00860550	0.339674	0.765184	-1.30687	0.264355	1.37218	1.37218	0.463261	1.22514	1.22514	0.603489	0.86718	-1.15316	3.05342	3.57696	1.0413	1
cg09063434	0.254438	1.4749	1.4749	0.204885	1.54777	1.54777	0.0647403	1.96882	1.96882	0.204365	1.54864	1.54864	3.05339	5.15678	1.50122	1
cg19864808	0.0862445	0.143115	-6.98737	0.00869692	0.0324006	-30.8636	0.0244471	0.0639431	-15.6389	0.0591561	0.11244	-8.89361	3.05338	50.8745	14.8104	1
cg17697873	0.404373	1.22804	1.22804	0.226116	1.358	1.358	0.311262	1.28688	1.28688	0.10292	0.650799	-1.53657	3.05338	2.80311	0.816032	1
cg10421990	0.164713	0.688066	-1.45335	0.211091	1.39422	1.39422	0.292359	0.759156	-1.31725	0.00456814	0.385761	-2.59228	3.05335	3.07652	0.895634	1
cg10395222	0.142519	1.97314	1.97314	0.586139	0.788977	-1.26746	0.226196	1.72959	1.72959	0.554314	0.772691	-1.29418	3.05335	8.98884	2.61682	1
cg09973852	0.0807596	1.56549	1.56549	0.0206275	0.524551	-1.90639	0.21356	0.738505	-1.35409	0.0612366	0.613772	-1.62927	3.05333	2.59022	0.754068	1
cg22648929	0.154955	0.619568	-1.61403	0.878612	1.04924	1.04924	0.597191	1.18262	1.18262	0.120538	0.58884	-1.69825	3.05332	4.78357	1.39261	1
cg18588794	0.237948	1.57192	1.57192	0.0120719	3.14289	3.14289	0.0731497	2.07753	2.07753	0.416559	1.35498	1.35498	3.0533	6.47353	1.8846	1
cg23246901	0.012141	0.514415	-1.94396	0.0502287	1.60745	1.60745	0.255814	0.777062	-1.2869	0.934637	0.98271	-1.01759	3.0533	2.1864	0.636513	1
cg15834952	0.728388	0.861338	-1.16098	0.935515	0.965947	-1.03525	0.882739	0.938762	-1.06523	0.365112	1.4895	1.4895	3.0533	8.86502	2.58082	1
cg11235871	0.337656	0.893607	-1.11906	0.0163492	0.716027	-1.3966	0.175623	0.848833	-1.17809	0.374097	1.10941	1.10941	3.05329	0.626277	0.182325	1
cg20634573	0.352761	1.16869	1.16869	0.00443558	1.85702	1.85702	0.562192	0.908886	-1.10025	0.165141	1.273	1.273	3.05327	1.28524	0.374167	1
cg05189667	0.0913522	0.443066	-2.257	0.0130549	0.25971	-3.85045	0.555188	1.29859	1.29859	0.0590929	0.393328	-2.54241	3.05326	9.26925	2.69854	1
cg05712979	0.419652	0.498373	-2.00653	0.0326592	0.121082	-8.25889	0.0837321	0.198595	-5.03538	0.350096	0.443826	-2.25314	3.05325	34.4935	10.0421	1
cg06271652	0.387481	0.547411	-1.82678	0.0119553	0.118443	-8.44291	0.728957	0.789283	-1.26697	0.141108	0.340724	-2.93493	3.05324	22.3762	6.51439	1
cg19114050	0.822467	1.1821	1.1821	0.00309742	20.3468	20.3468	0.0252546	7.24674	7.24674	0.0867628	4.08859	4.08859	3.05323	26.7974	7.80153	1
cg12424646	0.385288	0.721426	-1.38614	0.658974	0.849651	-1.17695	0.00258292	4.62847	4.62847	0.748645	1.12517	1.12517	3.05321	6.50748	1.89454	1
cg22958315	0.0248361	0.494445	-2.02247	0.996532	0.998854	-1.00115	0.952729	1.01575	1.01575	0.135247	0.65405	-1.52894	3.05318	3.36231	0.978885	1
cg08654020	0.229969	0.63918	-1.5645	0.00284625	0.232341	-4.30403	0.0317616	0.40882	-2.44607	0.448007	1.31625	1.31625	3.05318	6.10603	1.77768	1
cg17084751	0.647903	1.13161	1.13161	0.74515	1.09167	1.09167	0.145726	0.65703	-1.522	0.109673	0.625655	-1.59833	3.05317	3.49665	1.018	1
cg13186570	0.106392	0.536895	-1.86256	0.0192863	0.368473	-2.7139	0.345925	1.40832	1.40832	0.110321	0.541265	-1.84753	3.05317	6.01683	1.75172	1
cg21846903	0.123718	0.520042	-1.92292	0.0718126	0.454644	-2.19952	0.850869	0.928846	-1.07661	0.2232	0.605363	-1.6519	3.05316	7.43705	2.16521	1
cg18286080	0.640473	0.739319	-1.3526	0.00917845	0.119523	-8.36661	0.465932	0.620995	-1.61032	0.0614911	0.258564	-3.86752	3.05314	19.9363	5.80425	1
cg03040554	0.0555012	1.55876	1.55876	0.0305408	1.68179	1.68179	0.0259828	1.71691	1.71691	0.188039	1.33019	1.33019	3.05314	2.02293	0.588954	1
cg16496750	0.136576	3.24497	3.24497	?	?	?	?	?	?	0.0499982	0.172363	-5.80172	5.31286	18.4753	2.78197	1
cg11630148	0.218435	1.24445	1.24445	0.0685704	1.41118	1.41118	0.239927	0.812302	-1.23107	0.607444	0.91618	-1.09149	3.0531	1.3801	0.401807	1
cg04112626	0.310068	0.703571	-1.42132	0.0284983	0.42096	-2.37552	0.0144031	0.364366	-2.74449	0.187959	0.626868	-1.59523	3.05305	5.41752	1.5773	1
cg03437656	0.045278	0.635325	-1.574	0.61364	1.10578	1.10578	0.00376627	0.461958	-2.1647	0.516536	0.878175	-1.13872	3.05304	1.88632	0.549199	1
cg14997132	0.657563	0.854352	-1.17048	0.0882449	0.514939	-1.94198	0.586787	1.21365	1.21365	0.0503265	0.45512	-2.19722	3.05303	6.01978	1.75266	1
cg04023573	0.180445	0.580072	-1.72392	0.0108841	0.294006	-3.4013	0.0693587	0.459359	-2.17695	0.154469	0.557875	-1.79252	3.053	7.0895	2.06413	1
cg20558112	0.270624	0.49004	-2.04065	0.103594	0.32774	-3.0512	0.301917	0.514495	-1.94365	0.67356	0.76944	-1.29965	3.28764	19.4693	4.60598	1
cg01035160	0.845735	0.975178	-1.02545	0.500459	0.915533	-1.09226	0.890481	1.01794	1.01794	0.164809	1.21073	1.21073	3.05296	0.805102	0.23441	1
cg14025336	0.14556	0.626916	-1.59511	0.354807	0.752442	-1.32901	0.428668	1.27307	1.27307	0.222509	1.46676	1.46676	3.05295	4.31702	1.25693	1
cg03875091	0.219263	0.774073	-1.29187	0.0444918	1.57997	1.57997	0.311453	0.812554	-1.23069	0.813763	1.04789	1.04789	3.05292	1.89983	0.553154	1
cg21028292	0.886677	0.973019	-1.02773	0.0248067	0.599004	-1.66944	0.753491	1.06229	1.06229	0.376612	1.1901	1.1901	3.05291	1.77903	0.517983	1
cg22926560	0.389126	1.73693	1.73693	0.616706	0.729285	-1.37121	0.404713	1.70462	1.70462	0.00421325	0.0909588	-10.994	3.0529	18.9221	5.50941	1
cg13168187	0.424375	1.58615	1.58615	0.335788	1.75279	1.75279	0.76942	1.18081	1.18081	0.743499	0.830554	-1.20402	3.05282	15.4582	4.50097	1
cg22747501	0.0499475	0.310451	-3.22112	0.020175	0.230863	-4.33157	0.0120981	0.194602	-5.1387	0.458439	0.67368	-1.48439	3.0528	13.2352	3.8537	1
cg08342588	0.912806	0.988588	-1.01154	0.107355	1.20523	1.20523	0.00767215	1.45344	1.45344	0.114288	1.20004	1.20004	3.28744	0.559597	0.132395	1
cg09096787	0.272105	0.520749	-1.92031	0.0220757	0.208709	-4.79135	0.478906	1.50813	1.50813	0.351739	0.578685	-1.72806	3.05278	15.7514	4.58639	1
cg15225991	0.407285	0.825046	-1.21205	0.401871	0.823124	-1.21488	0.149678	0.704383	-1.41968	0.432522	1.19928	1.19928	3.05277	2.48855	0.724603	1
cg09144226	0.0569695	2.71594	2.71594	0.00475635	5.69087	5.69087	0.0830944	2.43514	2.43514	0.0456362	2.89513	2.89513	3.05275	10.4025	3.02895	1
cg11416433	0.213243	0.484972	-2.06198	0.0188407	0.207881	-4.81045	0.145865	0.422308	-2.36794	0.167751	0.444083	-2.25183	3.05274	14.7372	4.29114	1
cg15903931	0.188136	0.765759	-1.30589	0.182755	0.762945	-1.31071	0.339392	1.20737	1.20737	0.0471977	1.54431	1.54431	3.05273	1.77064	0.515573	1
cg17228560	0.0473293	0.210166	-4.75814	0.0163848	0.133082	-7.51414	0.0213356	0.149302	-6.69782	0.217155	0.409591	-2.44146	3.05272	22.8468	6.65252	1
cg07392838	0.0945251	0.585214	-1.70878	0.0113957	0.397201	-2.51762	0.115333	1.64722	1.64722	0.81878	0.935286	-1.06919	3.0527	4.10901	1.19647	1
cg15949845	0.950699	0.961119	-1.04045	0.027902	5.29265	5.29265	0.0605309	3.88583	3.88583	0.182065	2.48035	2.48035	3.05269	19.8876	5.79092	1
cg21438527	0.170128	3.14354	3.14354	0.119935	0.266466	-3.75282	0.00536566	17.7126	17.7126	0.0576859	5.37891	5.37891	3.05269	29.711	8.65131	1
cg12742338	0.0780117	0.506358	-1.97489	0.0209598	0.380867	-2.62559	0.0284855	2.4556	2.4556	0.820371	0.924006	-1.08224	3.05266	5.83866	1.70013	1
cg09511724	0.797172	0.930184	-1.07506	0.0113013	0.410039	-2.43879	0.163759	0.65863	-1.5183	0.051611	0.536584	-1.86364	3.05266	3.81769	1.11165	1
cg17796323	0.213615	0.505327	-1.97892	0.0522235	0.316374	-3.16082	0.00904865	0.177436	-5.63583	0.165994	0.463055	-2.15957	3.05265	13.1334	3.82425	1
cg01264963	0.931893	0.957186	-1.04473	0.00799585	0.175507	-5.69776	0.158839	0.462581	-2.16178	0.222979	0.519175	-1.92613	3.05263	12.6694	3.68917	1
cg06533233	0.97575	0.991545	-1.00853	0.480949	1.22156	1.22156	0.548522	0.844006	-1.18483	0.149067	0.649055	-1.5407	3.05262	3.77286	1.09861	1
cg26337985	0.414272	1.10742	1.10742	0.11025	0.808308	-1.23715	0.296014	1.14166	1.14166	0.20779	1.17632	1.17632	3.05259	0.722693	0.210442	1
cg06814121	0.0431874	2.04512	2.04512	0.318874	0.728427	-1.37282	0.231282	0.679622	-1.47141	0.323212	0.730626	-1.36869	3.05259	4.57411	1.33194	1
cg22374057	0.139042	0.297019	-3.36679	0.232699	0.385156	-2.59635	0.730114	1.30215	1.30215	0.00530167	16.4707	16.4707	3.05252	28.1004	8.18279	1
cg04891861	0.0508888	0.626012	-1.59741	0.0959678	0.680433	-1.46965	0.117238	0.69884	-1.43094	0.542567	1.13861	1.13861	3.05252	2.14408	0.624355	1
cg05755837	0.240593	0.770822	-1.29732	0.277253	0.787095	-1.2705	0.0492903	0.621627	-1.60868	0.974143	1.00689	1.00689	3.0525	2.17007	0.631925	1
cg21234123	0.478046	1.44724	1.44724	0.108883	0.408157	-2.45004	0.0691063	2.83586	2.83586	0.637686	1.2752	1.2752	3.05249	12.6977	3.69759	1
cg04819096	0.42148	1.2113	1.2113	0.00918809	0.462042	-2.16431	0.667485	0.904035	-1.10615	0.772393	1.07004	1.07004	3.05247	2.63431	0.767119	1
cg17857642	0.765214	0.956923	-1.04502	0.00294721	1.82254	1.82254	0.375691	1.14301	1.14301	0.384478	0.877131	-1.14008	3.05245	1.04499	0.304306	1
cg05437446	0.979243	1.00941	1.00941	0.0198202	0.363299	-2.75255	0.283382	0.669534	-1.49358	0.128625	0.553695	-1.80605	3.05241	6.26314	1.82388	1
cg03444566	0.71417	0.921668	-1.08499	0.612815	0.893008	-1.11981	0.021455	1.84539	1.84539	0.372812	0.816373	-1.22493	3.05235	2.37705	0.69223	1
cg06453088	0.586716	0.79664	-1.25527	0.00875028	0.250745	-3.98812	0.444587	0.724113	-1.381	0.091941	0.463725	-2.15645	3.05233	8.29392	2.41533	1
cg07482372	0.156915	0.442568	-2.25954	0.533952	0.712354	-1.4038	0.578245	1.35309	1.35309	0.281874	1.82604	1.82604	3.05231	14.015	4.08142	1
cg09047233	0.498091	1.08141	1.08141	0.0325181	0.752186	-1.32946	0.0265534	0.741429	-1.34875	0.263014	0.875649	-1.14201	3.05226	0.625972	0.182298	1
cg16957313	0.255134	0.37848	-2.64215	0.0386029	7.09361	7.09361	0.114184	0.245312	-4.07644	0.363588	0.466002	-2.14592	3.05226	32.3288	9.41489	1
cg22198044	0.162435	1.67532	1.67532	0.247127	1.51999	1.51999	0.59581	0.830918	-1.20349	0.547133	0.809935	-1.23467	3.05225	5.78694	1.6853	1
cg08729442	0.250209	1.56305	1.56305	0.049211	0.434109	-2.30357	0.0181207	2.90588	2.90588	0.456532	0.754377	-1.3256	3.05209	6.67869	1.9451	1
cg18574911	0.0131005	0.388064	-2.5769	0.180149	0.645417	-1.54939	0.436858	0.78349	-1.27634	0.0890838	0.561678	-1.78038	3.05209	4.57437	1.33224	1
cg20295049	0.502157	0.718184	-1.3924	0.0142209	0.229952	-4.34873	0.0405829	0.316873	-3.15584	0.131587	0.453345	-2.20583	3.05209	11.4179	3.32535	1
cg15444648	0.0576436	5.64057	5.64057	0.00433271	21.6009	21.6009	0.0292696	7.92198	7.92198	0.0549358	5.7781	5.7781	3.05205	31.3923	9.1428	1
cg26520371	0.64791	0.94854	-1.05425	0.0828811	0.801991	-1.2469	0.316317	1.12641	1.12641	0.102439	1.22795	1.22795	3.05204	0.638202	0.185873	1
cg19362080	0.0935273	1.50574	1.50574	0.020457	1.85849	1.85849	0.478192	1.17351	1.17351	0.492644	1.16721	1.16721	3.05194	2.37987	0.693146	1
cg06019590	0.727428	1.19601	1.19601	0.0125669	0.204394	-4.89251	0.0151207	4.60407	4.60407	0.955115	1.02921	1.02921	3.05192	12.6473	3.68358	1
cg19740763	0.00621241	0.714333	-1.39991	0.37568	0.91784	-1.08951	0.129291	1.16714	1.16714	0.99516	1.00057	1.00057	3.0519	0.429793	0.125181	1
cg24567405	0.401188	0.81443	-1.22785	0.00555635	2.38744	2.38744	0.263167	1.32136	1.32136	0.575399	1.14475	1.14475	3.05183	2.75821	0.80337	1
cg17160094	0.0883748	0.193347	-5.17206	0.0407232	0.126831	-7.88448	0.0227623	0.0923281	-10.8309	0.045749	0.135102	-7.40179	3.05181	36.9233	10.7545	1
cg12226006	0.0757189	2.18493	2.18493	0.0158664	3.21568	3.21568	0.0566096	2.34709	2.34709	0.77935	1.11745	1.11745	3.05178	7.5551	2.20056	1
cg01046376	0.135579	0.463698	-2.15658	0.0320283	0.301145	-3.32066	0.389328	0.656072	-1.52422	0.0747756	0.387421	-2.58117	3.05178	11.0331	3.21361	1
cg27090492	0.156829	1.17832	1.17832	0.879613	1.01656	1.01656	0.93118	0.990684	-1.0094	0.00233019	1.58508	1.58508	3.05171	0.567504	0.1653	1
cg04449470	0.739365	1.05939	1.05939	0.0182162	0.609383	-1.641	0.79983	1.04488	1.04488	0.00556445	0.532971	-1.87627	3.05169	1.44305	0.420329	1
cg16122707	0.280787	0.774604	-1.29098	0.0503521	0.601573	-1.66231	0.133241	1.4463	1.4463	0.168777	0.716013	-1.39662	3.05168	2.50859	0.730699	1
cg03065311	0.240885	0.785235	-1.2735	0.0488327	0.642094	-1.5574	0.0079706	0.511819	-1.95381	0.268071	1.25505	1.25505	3.05167	1.87421	0.545918	1
cg00123181	0.0338826	0.338733	-2.95218	0.0462841	0.368688	-2.71232	0.218192	0.567738	-1.76138	0.090591	0.442676	-2.25899	3.05165	9.23214	2.68915	1
cg08575922	0.00113616	0.397369	-2.51655	0.243187	0.790234	-1.26545	0.485983	0.872429	-1.14623	0.753769	0.941142	-1.06254	3.05163	1.79617	0.523193	1
cg03625951	0.628672	1.07487	1.07487	0.0697567	0.740453	-1.35052	0.233252	0.830949	-1.20344	0.0728663	1.34509	1.34509	3.05162	1.06106	0.309071	1
cg18191200	0.227808	0.859045	-1.16408	0.0484029	0.762876	-1.31083	0.822578	0.973406	-1.02732	0.133995	1.21404	1.21404	3.05155	0.696124	0.202774	1
cg17921295	0.250719	0.583142	-1.71485	0.446569	1.41713	1.41713	0.380774	1.49779	1.49779	0.908388	0.949586	-1.05309	3.05155	9.75948	2.84285	1
cg03153775	0.0050494	0.31201	-3.20502	0.730335	1.11481	1.11481	0.226883	0.671307	-1.48963	0.251351	0.686294	-1.4571	3.05154	4.76867	1.38907	1
cg20042291	0.931201	1.03015	1.03015	0.997951	1.00088	1.00088	0.0283963	2.43477	2.43477	0.699251	1.14285	1.14285	3.05151	5.71762	1.66552	1
cg23674189	0.0137229	0.289032	-3.45982	0.0992335	0.47897	-2.08781	0.51212	1.31103	1.31103	0.466086	0.739247	-1.35273	3.0515	8.01842	2.33573	1
cg08157440	0.200978	0.589158	-1.69734	0.288796	1.53934	1.53934	0.250525	0.624782	-1.60056	0.195219	1.71031	1.71031	3.0515	7.41612	2.16029	1
cg10331154	0.0780633	1.21117	1.21117	0.00868484	0.720875	-1.3872	0.292387	0.898619	-1.11282	0.995163	1.00059	1.00059	3.05146	0.462777	0.134807	1
cg01030121	0.771412	0.929929	-1.07535	0.363403	0.792201	-1.26231	0.636239	0.887976	-1.12616	0.441229	1.21634	1.21634	3.05145	3.00548	0.875497	1
cg27424853	0.346044	0.790257	-1.26541	0.643937	1.11952	1.11952	0.439043	1.211	1.211	0.777021	0.933444	-1.0713	3.05144	2.84376	0.828392	1
cg00779476	0.169402	1.4735	1.4735	0.9264	1.02477	1.02477	0.0187678	2.1256	2.1256	0.186129	1.44945	1.44945	3.05139	3.38877	0.987171	1
cg06503824	0.88958	1.03826	1.03826	0.588595	1.15907	1.15907	0.00729789	0.392491	-2.54783	0.727222	0.909678	-1.09929	3.05138	3.53133	1.0287	1
cg19142054	0.312926	0.810865	-1.23325	0.00572128	2.07039	2.07039	0.801384	0.950631	-1.05193	0.78292	1.05704	1.05704	3.05136	1.94977	0.567987	1
cg12323274	0.100708	5.6052	5.6052	0.137353	4.6373	4.6373	0.0103978	22.0554	22.0554	0.0323818	11.0424	11.0424	3.05136	44.4203	12.94	1
cg22754765	0.0174749	1.71732	1.71732	0.204941	0.778787	-1.28405	0.280587	0.810864	-1.23325	0.8686	0.969523	-1.03143	3.05131	1.68866	0.49193	1
cg08909961	0.337558	1.31721	1.31721	0.0798008	0.581722	-1.71903	0.165817	1.50961	1.50961	0.0243896	0.47354	-2.11175	3.05131	3.75302	1.09331	1
cg14258935	0.666773	0.78557	-1.27296	0.528807	1.4269	1.4269	0.0476609	3.53183	3.53183	0.582367	1.36266	1.36266	3.05129	15.0005	4.36987	1
cg16655166	0.157885	0.676756	-1.47764	0.0171146	2.12013	2.12013	0.927706	0.976807	-1.02374	0.041616	0.544751	-1.8357	3.05127	3.23134	0.941347	1
cg25246745	0.0220827	0.600476	-1.66535	0.0262539	0.612723	-1.63206	0.872187	1.03037	1.03037	0.675115	1.08148	1.08148	3.05126	1.66851	0.486067	1
cg01069738	0.310567	0.541224	-1.84766	0.0194121	0.191344	-5.2262	0.82915	1.13479	1.13479	0.151501	0.406894	-2.45764	3.05124	16.5449	4.81986	1
cg27301331	0.204218	1.1748	1.1748	0.0470721	0.760911	-1.31421	0.561018	0.931764	-1.07323	0.40411	1.1081	1.1081	3.05123	0.698612	0.203521	1
cg01196996	0.778661	0.929446	-1.07591	0.0089259	2.37215	2.37215	0.88311	0.962519	-1.03894	0.979285	0.993281	-1.00676	3.05122	3.25827	0.949205	1
cg24314662	0.220994	0.580078	-1.72391	0.0197252	0.303612	-3.29367	0.188886	0.554774	-1.80254	0.713366	0.855415	-1.16902	3.05121	8.65814	2.52232	1
cg18107144	0.0439121	5.89488	5.89488	0.415316	1.89246	1.89246	0.0884381	4.2209	4.2209	0.0211494	8.36234	8.36234	3.05121	28.3633	8.2629	1
cg24334259	0.107056	0.566798	-1.7643	0.0344277	0.451061	-2.217	0.235221	0.669316	-1.49406	0.0497652	0.485655	-2.05908	3.05115	5.03299	1.46626	1
cg02859443	0.275266	0.816377	-1.22492	0.337462	0.837987	-1.19334	0.634919	1.08926	1.08926	0.474238	1.13892	1.13892	3.05113	1.54383	0.449767	1
cg04659473	0.751046	1.15978	1.15978	0.142398	0.479804	-2.08419	0.737715	0.855113	-1.16944	0.643776	1.24217	1.24217	3.05112	10.4805	3.0533	1
cg10453071	0.890364	1.02944	1.02944	0.262067	0.781906	-1.27893	0.806221	1.05306	1.05306	0.00378138	2.27501	2.27501	3.05109	2.13863	0.623056	1
cg02233493	0.391757	0.56153	-1.78085	0.0179096	6.63499	6.63499	0.044309	4.56917	4.56917	0.108865	3.15836	3.15836	3.05109	20.9023	6.08958	1
cg01208563	0.130518	0.772299	-1.29484	0.0632619	0.718548	-1.39169	0.873134	0.975032	-1.02561	0.604938	0.920744	-1.08608	3.05104	1.2098	0.352462	1
cg15266530	0.270081	1.5026	1.5026	0.167318	0.59337	-1.68529	0.00522893	0.270818	-3.69252	0.062352	0.47527	-2.10407	3.05102	6.07528	1.76998	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16490062	SNX29	0.0654854	0.811137	0.964559	-1.03674	0.0579861	1.38131	1.38131	0.357092	1.15346	1.15346	0.292855	0.848327	-1.17879	0.0175614	0.646885	-1.54587
cg16397629	CHD6	0.0654864	0.014878	0.105593	-9.47031	0.895294	0.905902	-1.10387	0.163617	0.327665	-3.0519	0.814564	1.19284	1.19284	0.0205841	0.123273	-8.11206
cg20561863	ABCA8	0.0654866	0.00524546	0.0573725	-17.43	0.390527	0.505103	-1.97979	0.0328171	0.143964	-6.94619	0.11828	0.268077	-3.73027	0.0199304	0.112932	-8.85491
cg16730369	GRIK4	0.0654872	0.00808705	0.743274	-1.3454	0.716855	1.03237	1.03237	0.0535714	0.825499	-1.21139	0.0727379	0.839354	-1.19139	0.290526	0.908505	-1.10071
cg11264539	BSCL2;BSCL2;BSCL2;GNG3;BSCL2	0.0654873	0.154985	0.426256	-2.34601	0.0236505	4.54335	4.54335	0.0709577	3.09648	3.09648	0.488193	1.48372	1.48372	0.839848	1.12004	1.12004
cg25593022	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.0654885	0.367536	1.22496	1.22496	0.134741	0.702242	-1.42401	0.0742169	0.646561	-1.54664	0.0507619	1.62887	1.62887	0.0136812	1.95113	1.95113
cg00846769	INPP5A	0.0654888	0.413012	0.770503	-1.29785	0.0173049	0.405308	-2.46726	0.0731496	0.536581	-1.86365	0.20325	0.658113	-1.5195	0.0240897	0.432565	-2.31179
cg13421412	STAB1;STAB1	0.0654889	0.302135	0.679971	-1.47065	0.39572	0.730645	-1.36865	0.0168967	0.349409	-2.86197	0.198213	0.612226	-1.63338	0.00364223	0.241898	-4.13397
cg15282331	TUG1	0.0654897	0.925433	1.03684	1.03684	0.618946	0.82385	-1.21381	0.248197	0.627175	-1.59445	0.344001	1.45749	1.45749	0.102269	0.501039	-1.99585
cg17951978	HSD3B2;HSD3B2	0.0654899	0.841658	0.869501	-1.15009	0.663658	0.736462	-1.35784	0.165863	0.355908	-2.80972	0.149481	0.339437	-2.94605	0.00234312	0.0513484	-19.4748
cg00075768	HMGB1	0.06549	0.0473552	0.524721	-1.90578	0.798463	0.929854	-1.07544	0.916966	0.970793	-1.03009	0.230613	0.699448	-1.4297	0.0431416	0.516161	-1.93738
cg17275695	CCDC117	0.0654903	0.622546	1.06953	1.06953	0.137946	0.805396	-1.24163	0.221509	0.840213	-1.19017	0.0597911	1.33344	1.33344	0.447113	1.11069	1.11069
cg15777769	AMPH;AMPH	0.0654908	0.0384489	0.234667	-4.26136	0.0882484	0.320792	-3.11729	0.282674	0.509281	-1.96355	0.529696	0.680565	-1.46937	0.0164447	0.170004	-5.88222
cg19507160	ZNF395	0.065493	0.0399325	0.391347	-2.55527	0.0134592	0.298559	-3.34942	0.110775	0.503355	-1.98667	0.944053	0.972654	-1.02811	0.0648808	0.440857	-2.26831
cg26662727	ZNF749	0.0654963	0.0075855	0.382077	-2.61728	0.0994763	0.602968	-1.65846	0.324522	0.751975	-1.32983	0.280459	0.730286	-1.36933	0.02787	0.48282	-2.07116
cg17754782	CD300LD	0.0654966	0.346138	0.525555	-1.90275	0.129325	0.337343	-2.96434	0.34346	0.523564	-1.90998	0.503683	0.637656	-1.56824	0.0123544	0.126775	-7.88801
cg10638780	ZNF560	0.0654983	0.311312	1.15011	1.15011	0.941043	0.990173	-1.00992	0.583108	1.07681	1.07681	0.114629	0.795257	-1.25746	0.0470586	0.738277	-1.3545
cg08974450	ATP2C2;ATP2C2	0.0654985	0.0698429	57.9588	57.9588	0.124348	28.0009	28.0009	0.203767	14.6747	14.6747	0.116172	30.5417	30.5417	0.070436	57.3502	57.3502
cg03593057	DNAJC7;DNAJC7;CNP;DNAJC7	0.0654989	0.145463	2.93684	2.93684	0.0164823	7.53408	7.53408	0.144516	2.9454	2.9454	0.297386	2.10551	2.10551	0.847122	1.14228	1.14228
cg03386765	CXCR5;CXCR5	0.065501	0.0317961	0.266922	-3.74641	0.0657541	0.338328	-2.95571	0.236115	0.521212	-1.91861	0.461141	0.6745	-1.48258	0.0356709	0.277148	-3.60818
cg02218134	RDH11	0.0655016	0.416783	0.878005	-1.13895	0.00781904	0.585541	-1.70782	0.615661	1.08259	1.08259	0.161211	0.790902	-1.26438	0.278205	1.19336	1.19336
cg01247628	SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D	0.0655018	0.269413	1.3538	1.3538	0.422509	0.805915	-1.24083	0.837662	1.05552	1.05552	0.868665	0.957351	-1.04455	0.916646	0.972804	-1.02796
cg17131837	HMGA2;HMGA2	0.0655019	0.0157789	0.393467	-2.54151	0.356912	0.741711	-1.34823	0.100295	0.566783	-1.76434	0.642205	1.15899	1.15899	0.00574468	0.319291	-3.13194
cg07856714	COMP	0.0655027	0.214172	0.728103	-1.37343	0.887691	0.966296	-1.03488	0.0396258	0.561396	-1.78127	0.315989	0.777602	-1.286	0.0775366	0.621234	-1.6097
cg17233819	PLK3	0.0655105	0.0310974	0.253352	-3.94707	0.98805	1.00816	1.00816	0.337408	1.71023	1.71023	0.30175	0.559605	-1.78697	0.0516168	0.300586	-3.32684
cg20134394	FAM190B	0.0655107	0.676739	0.861962	-1.16014	0.0186368	0.364065	-2.74677	0.0570589	0.466365	-2.14424	0.924527	0.966987	-1.03414	0.00543557	0.273656	-3.65422
cg12808359	WNK4	0.0655141	0.0503754	4.19739	4.19739	0.04445	4.41247	4.41247	0.112367	3.03946	3.03946	0.148373	2.71031	2.71031	0.015936	6.67421	6.67421
cg21932297	BRI3;BRI3	0.0655148	0.375782	0.892667	-1.12024	0.308946	0.876753	-1.14057	0.775484	1.03636	1.03636	0.510103	0.919929	-1.08704	0.192804	0.841838	-1.18788
cg22284043	GPC5	0.0655151	0.542441	2.68666	2.68666	0.215095	8.09774	8.09774	0.157648	11.2656	11.2656	0.177702	9.93334	9.93334	0.0897376	20.0483	20.0483
cg00248449	LOC400927	0.0655162	0.0122104	0.160096	-6.24626	0.0482328	0.265951	-3.76009	0.108711	0.358273	-2.79117	0.049427	0.268331	-3.72674	0.0806155	0.320821	-3.117
cg19269713	ANXA4	0.0655164	0.0468332	1.52498	1.52498	0.288427	0.815171	-1.22674	0.991504	0.998028	-1.00198	0.027922	1.61879	1.61879	0.183268	0.769644	-1.2993
cg10759286	KIAA1751	0.0655192	0.0392908	0.236455	-4.22913	0.0152847	0.165162	-6.05465	0.0266164	0.204162	-4.89806	0.0920194	0.325791	-3.06946	0.0540641	0.266566	-3.75142
cg21571166	ZIC1	0.0655202	0.0351127	0.0736017	-13.5866	0.578242	0.550496	-1.81654	0.243705	3.65638	3.65638	0.0729383	0.11931	-8.38155	0.0460855	0.0880858	-11.3526
cg08236912	FBXL20	0.0655207	0.135365	0.734513	-1.36145	0.414349	1.17346	1.17346	0.0325167	1.61564	1.61564	0.0106255	0.540181	-1.85123	0.316614	0.819987	-1.21953
cg11260022	BTBD2	0.0655213	0.330752	0.725153	-1.37902	0.0707303	1.90917	1.90917	0.10402	0.565985	-1.76683	0.957983	1.01701	1.01701	0.0275768	0.434165	-2.30327
cg09475041	F9	0.0655219	0.699227	1.23284	1.23284	0.997901	1.00142	1.00142	0.288578	0.552122	-1.81119	0.0788053	0.349105	-2.86447	0.0211951	0.224507	-4.45421
cg12523878	KIAA1274;KIAA1274	0.0655256	0.0194646	0.710697	-1.40707	0.238171	0.861235	-1.16112	0.290613	1.1418	1.1418	0.01801	0.706481	-1.41547	0.136462	0.823673	-1.21407
cg13231131	DUSP27	0.0655258	0.0863953	0.418218	-2.3911	0.0137852	0.246357	-4.05914	0.0106774	0.228333	-4.37957	0.336105	0.633541	-1.57843	0.0437028	0.344033	-2.9067
cg08692295	SFRS16	0.0655263	0.855009	0.965272	-1.03598	0.0184619	1.73717	1.73717	0.11263	0.716253	-1.39615	0.675281	1.08482	1.08482	0.0787328	1.45832	1.45832
cg22074242	TFAP4	0.06553	0.818896	0.959998	-1.04167	0.984328	1.0035	1.0035	0.672796	1.07854	1.07854	0.515058	1.12468	1.12468	0.515044	1.12469	1.12469
cg02883161	MSI1	0.0655302	0.128002	0.697044	-1.43463	0.00416211	2.32192	2.32192	0.324621	1.24996	1.24996	0.64414	0.903009	-1.10741	0.707127	0.920548	-1.08631
cg19725903	PLBD1	0.0655302	0.0473437	7.75523	7.75523	0.0171188	13.783	13.783	0.606247	1.59901	1.59901	0.192918	3.46931	3.46931	0.10763	4.88	4.88
cg08100522	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.065531	0.0946332	0.567838	-1.76107	0.0857517	1.79497	1.79497	0.660549	0.872726	-1.14583	0.0246588	0.438593	-2.28002	0.0170433	0.408182	-2.44989
cg23024158	C10orf11	0.0655333	0.0192401	0.20016	-4.996	0.00408031	0.111973	-8.93069	0.0761874	0.326027	-3.06723	0.632088	0.760317	-1.31524	0.188317	0.453007	-2.20747
cg09173768	HOXD9	0.0655349	0.0513916	15.0156	15.0156	0.802685	1.35771	1.35771	0.623245	0.5462	-1.83083	0.508681	0.440921	-2.26798	0.10701	8.57687	8.57687
cg21425160	C3orf39	0.0655377	0.799841	0.85032	-1.17603	0.465623	1.60619	1.60619	0.0602994	3.86559	3.86559	0.906127	1.07819	1.07819	0.00439958	0.0883391	-11.32
cg08924995	ATP6V1B2	0.0655378	0.674006	0.943242	-1.06017	0.763665	1.04253	1.04253	0.93474	0.988753	-1.01137	0.970481	1.00512	1.00512	0.365777	1.13693	1.13693
cg16077221	BID;BID;BID	0.0655386	0.605793	0.869537	-1.15004	0.764014	0.922334	-1.08421	0.364285	1.28446	1.28446	0.912734	1.02987	1.02987	0.0157948	2.21242	2.21242
cg17580798	MEST;MEST;MESTIT1;MEST	0.0655415	0.496131	1.17921	1.17921	0.0797446	0.628862	-1.59017	0.190539	0.718449	-1.39189	0.00708176	0.436014	-2.2935	0.812373	1.05836	1.05836
cg13645954	ASB10;ASB10;ASB10	0.0655416	0.443404	0.818598	-1.2216	0.485046	0.833823	-1.1993	0.0207004	0.489917	-2.04116	0.241253	0.730361	-1.36919	0.0815573	0.609894	-1.63963
cg02483661	HES5	0.0655422	0.0335901	0.160148	-6.24424	0.267902	0.426744	-2.34333	0.369321	1.97453	1.97453	0.13192	3.31976	3.31976	0.0465507	0.186006	-5.37617
cg21194785	CHEK2;CHEK2;CHEK2	0.0655427	0.211107	1.48975	1.48975	0.0146806	0.402997	-2.48141	0.0653463	0.534797	-1.86987	0.693819	1.12716	1.12716	0.833076	1.06593	1.06593
cg21552001	TNFRSF21	0.065545	0.917195	0.989567	-1.01054	0.108357	1.19321	1.19321	0.0667592	1.23034	1.23034	0.0420774	1.26644	1.26644	0.87627	1.01584	1.01584
cg25974901	PLA2G5;PLA2G5	0.065545	0.262618	0.465584	-2.14784	0.00363793	0.0761518	-13.1317	0.0935777	0.299081	-3.34357	0.480659	0.625495	-1.59873	0.0590249	0.247727	-4.0367
cg10067787	WDR90	0.0655468	0.349591	1.24132	1.24132	0.00259432	0.391796	-2.55235	0.516362	1.1592	1.1592	0.217392	1.33824	1.33824	0.738863	0.927641	-1.078
cg14414873	C9orf152	0.0655479	0.0745635	0.228187	-4.38236	0.392494	0.52121	-1.91861	0.555625	0.641852	-1.55799	0.0104575	0.0909594	-10.9939	0.0125565	0.0993461	-10.0658
cg14059288	HTR2A;HTR2A	0.0655482	0.364066	1.19706	1.19706	0.0268238	1.65827	1.65827	0.0503825	1.53741	1.53741	0.79279	0.950499	-1.05208	0.775114	0.946261	-1.05679
cg23220533	OVOL1	0.0655491	0.56114	0.701308	-1.42591	0.0141527	6.22136	6.22136	0.375846	0.577664	-1.73111	0.602656	1.37318	1.37318	0.143147	0.386703	-2.58596
cg24535439	MMP23B	0.0655492	0.0682212	5.28071	5.28071	0.0372239	7.17684	7.17684	0.402903	2.00893	2.00893	0.199842	3.01546	3.01546	0.285955	2.46726	2.46726
cg26169213	SEMA7A;SEMA7A;SEMA7A	0.0655496	0.242049	0.701295	-1.42593	0.0109192	2.52395	2.52395	0.188186	1.49793	1.49793	0.420185	1.26954	1.26954	0.0310751	0.480278	-2.08213
cg05468243	ACLY;ACLY	0.0655501	0.0556498	0.64309	-1.55499	0.348051	0.821452	-1.21736	0.0578249	0.646216	-1.54747	0.893885	0.973197	-1.02754	0.0209618	0.568092	-1.76028
cg21969795	TMEM88	0.0655533	0.466576	0.69736	-1.43398	0.100713	2.39813	2.39813	0.0244522	3.68492	3.68492	0.205497	1.91521	1.91521	0.354537	1.58946	1.58946
cg17651625	ACTN4	0.0655539	0.0469072	0.421314	-2.37353	0.806824	0.911107	-1.09757	0.577392	0.807432	-1.23849	0.089085	0.490404	-2.03913	0.0457524	0.418843	-2.38753
cg00314018	CDC25B;CDC25B;CDC25B	0.0655549	0.499376	1.10774	1.10774	0.135726	1.27115	1.27115	0.0546275	1.38447	1.38447	0.46564	0.895121	-1.11717	0.560508	0.915916	-1.0918
cg07476792	NWD1	0.0655553	0.0274713	0.633261	-1.57913	0.430377	0.86848	-1.15144	0.00246176	0.478167	-2.09132	0.187208	0.782782	-1.2775	0.906224	1.02086	1.02086
cg09672291	LAMB4;LAMB4	0.065556	0.373781	0.613898	-1.62894	0.0621354	0.325519	-3.07201	0.231871	0.51165	-1.95446	0.500388	0.693809	-1.44132	0.479832	0.681221	-1.46795
cg01507046	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0655581	0.152297	0.738386	-1.3543	0.281555	1.24777	1.24777	0.620305	0.905944	-1.10382	0.933567	1.01663	1.01663	0.7269	1.07181	1.07181
cg24414344	KRT12	0.0655587	0.124462	2.49718	2.49718	0.044109	3.56978	3.56978	0.423084	1.56858	1.56858	0.250088	1.93725	1.93725	0.0699709	3.04873	3.04873
cg20216950	MFSD1;MFSD1;MFSD1;MFSD1	0.0655592	0.159448	1.48674	1.48674	0.0248583	0.494404	-2.02264	0.940645	0.980549	-1.01984	0.434864	1.23388	1.23388	0.230203	1.39382	1.39382
cg20180585	TEF;TEF	0.0655597	?	?	?	0.167871	2.01066	2.01066	0.0213739	3.72151	3.72151	0.0777866	0.393997	-2.53809	0.595815	0.775389	-1.28968
cg14982043	AHRR;PDCD6	0.0655621	0.0282802	0.484489	-2.06403	0.0638773	0.55831	-1.79112	0.0418102	0.518656	-1.92806	0.0947543	0.59819	-1.67171	0.068923	0.565754	-1.76755
cg07183450	PTPRN2;PTPRN2;PTPRN2	0.0655673	0.270237	0.852863	-1.17252	0.411826	1.12337	1.12337	0.00717356	0.618011	-1.61809	0.57486	0.924438	-1.08174	0.321465	0.867615	-1.15259
cg01112805	FREM2	0.0655674	0.0370216	5.18696	5.18696	0.133878	3.00085	3.00085	0.0906505	3.55063	3.55063	0.43964	1.70872	1.70872	0.0147029	7.70024	7.70024
cg03019355	TDRG1	0.0655685	0.0636678	0.630181	-1.58685	0.674758	0.910766	-1.09798	0.0616563	0.6274	-1.59388	0.584728	1.13	1.13	0.492944	0.857088	-1.16674
cg02517686	GALNT9	0.0655694	0.663621	1.26964	1.26964	0.0220026	4.47579	4.47579	0.198199	2.09988	2.09988	0.602946	1.33149	1.33149	0.924426	1.05312	1.05312
cg09180520	DLGAP3	0.0655696	0.0421972	0.428592	-2.33322	0.0127493	0.326194	-3.06566	0.24663	0.644949	-1.55051	0.439911	0.751903	-1.32996	0.00747046	0.287411	-3.47934
cg09344631	COL11A2;COL11A2;COL11A2	0.0655705	0.0130267	0.169805	-5.88912	0.417438	0.620682	-1.61113	0.0213893	0.203646	-4.91048	0.642342	0.764	-1.3089	0.0908888	0.342337	-2.9211
cg04098985	EXTL2;EXTL2	0.0655707	0.0130921	0.482243	-2.07364	0.135092	0.682673	-1.46483	0.727886	0.920556	-1.0863	0.912865	1.02628	1.02628	0.496069	1.17796	1.17796
cg12078031	ADAMTS5	0.065572	0.0498929	3.22734	3.22734	0.0342341	3.64841	3.64841	0.0493282	3.23931	3.23931	0.63229	1.28733	1.28733	0.0283307	3.88125	3.88125
cg14238986	TNXB	0.0655731	0.416365	0.589598	-1.69607	0.00906399	0.121314	-8.24307	0.0417512	0.224753	-4.44932	0.107843	0.327601	-3.05249	0.506658	0.651475	-1.53498
cg21692308	AMIGO1	0.0655732	0.289998	1.84116	1.84116	0.00318197	0.106569	-9.38362	0.0934223	0.358586	-2.78873	0.425954	0.63645	-1.57122	0.118464	0.389827	-2.56524
cg22732749	PCDHB15	0.065575	0.0538934	6.27432	6.27432	0.419377	1.99841	1.99841	0.814782	1.21765	1.21765	0.956706	1.04661	1.04661	0.572892	0.619986	-1.61294
cg23261491	OSBPL8;OSBPL8	0.0655769	0.810472	1.02177	1.02177	0.0441427	1.23035	1.23035	0.0097002	1.34088	1.34088	0.325629	1.09525	1.09525	0.497063	1.06376	1.06376
cg06597038	OR11H4	0.0655778	0.06625	0.616845	-1.62115	0.138644	0.688081	-1.45332	0.0157245	0.499483	-2.00207	0.333202	0.791292	-1.26376	0.00594752	0.430195	-2.32453
cg20852605	RNF150	0.0655786	0.0279285	0.677018	-1.47707	0.102978	0.765008	-1.30718	0.591497	1.08475	1.08475	0.741844	1.05089	1.05089	0.12178	1.28644	1.28644
cg18958844	PRDXDD1P	0.0655792	0.00854891	0.221934	-4.50584	0.578123	0.777189	-1.28669	0.211422	1.8053	1.8053	0.166092	1.9399	1.9399	0.109522	0.457086	-2.18777
cg01474003	ZNF264	0.0655796	0.264008	0.834893	-1.19776	0.0714214	0.731951	-1.36621	0.992277	0.998501	-1.0015	0.938784	0.988166	-1.01198	0.121244	0.770744	-1.29745
cg11927233	NPM1;NPM1;NPM1	0.0655798	0.0234611	0.314616	-3.17848	0.418538	0.702469	-1.42355	0.774815	0.884668	-1.13037	0.156011	0.52288	-1.91248	0.00958931	0.24632	-4.05976
cg15393565	ERO1L	0.0655812	0.00238189	0.338961	-2.95019	0.173853	0.691017	-1.44714	0.38718	1.25411	1.25411	0.658479	0.892585	-1.12034	0.667679	0.895535	-1.11665
cg01671314	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.0655817	0.501553	0.830063	-1.20473	0.464446	1.22545	1.22545	0.337155	1.31023	1.31023	0.392448	0.787236	-1.27027	0.32428	0.757325	-1.32044
cg10852609	KCNK10;KCNK10	0.065583	0.702112	1.08882	1.08882	0.103904	0.674529	-1.48252	0.654183	1.105	1.105	0.545531	1.14507	1.14507	0.826328	0.952506	-1.04986
cg22143766	WNT5A	0.0655833	0.0258333	0.0427008	-23.4188	0.0154493	0.0289882	-34.4968	0.34879	0.316811	-3.15646	0.178589	0.182134	-5.49047	0.0212903	0.036942	-27.0695
cg24960639	NOTCH4	0.0655837	0.898156	1.02446	1.02446	0.007028	0.518111	-1.93009	0.33451	1.2066	1.2066	0.26028	0.801267	-1.24802	0.729355	1.06773	1.06773
cg19299094	SLC34A2	0.0655848	0.5549	1.1642	1.1642	0.464165	0.827241	-1.20884	0.0230349	0.500586	-1.99766	0.765524	1.07911	1.07911	0.0696929	0.59666	-1.67599
cg03010202	NPC1L1;NPC1L1	0.0655853	0.396799	0.71841	-1.39196	0.154986	0.559843	-1.78621	0.267897	0.64412	-1.55251	0.0090209	0.282164	-3.54403	0.0142356	0.315856	-3.166
cg16128296	ATP9B	0.0655859	0.350537	0.654659	-1.52751	0.140699	0.497252	-2.01105	0.560451	1.29634	1.29634	0.937714	0.96613	-1.03506	0.0032592	0.170575	-5.86252
cg15840022	CHRNB1	0.0655898	0.345356	0.842794	-1.18653	0.102188	1.36995	1.36995	0.218704	0.796394	-1.25566	0.040444	0.659342	-1.51666	0.845598	1.03491	1.03491
cg13037245	LOC100130987;CLCF1;CLCF1	0.0655898	0.0050684	0.190464	-5.25035	0.0965865	0.44201	-2.26239	0.0563433	0.38019	-2.63027	0.0528465	0.373478	-2.67753	0.109182	0.457603	-2.1853
cg06471656	ABCA2;ABCA2	0.0655908	0.0791086	0.656916	-1.52226	0.237421	0.765844	-1.30575	0.666993	1.09779	1.09779	0.0025019	0.404458	-2.47244	0.225175	0.759898	-1.31597
cg11750300	CLN6	0.0655928	0.0587684	1.58033	1.58033	0.302741	0.795442	-1.25716	0.0237937	1.78314	1.78314	0.0831925	1.50859	1.50859	0.701096	1.0862	1.0862
cg24269412	KIAA1530	0.0655933	0.0226779	0.463159	-2.15908	0.534389	1.18868	1.18868	0.115047	1.6095	1.6095	0.117246	1.604	1.604	0.372475	0.777221	-1.28664
cg14950134	TSSC1	0.0655934	0.0579939	0.338597	-2.95337	0.985305	0.990736	-1.00935	0.523402	0.721218	-1.38654	0.720283	0.833844	-1.19927	0.0278229	0.268783	-3.72048
cg01446963	MRPL28	0.0655945	0.871856	0.950494	-1.05208	0.00188493	3.99797	3.99797	0.489164	0.801723	-1.24731	0.702913	0.886454	-1.12809	0.849702	0.942076	-1.06149
cg24035370	PRKCZ	0.0655978	0.0708408	4.64032	4.64032	0.248623	2.5018	2.5018	0.39919	1.92762	1.92762	0.00831886	12.9979	12.9979	0.535207	0.62034	-1.61202
cg01341216	ADARB2	0.0655988	0.0311993	0.566265	-1.76596	0.506671	1.16363	1.16363	0.258231	0.766938	-1.30389	0.614402	0.892023	-1.12105	0.014979	0.510285	-1.95969
cg17029019	HIC1;HIC1	0.0656009	0.0748673	6.56836	6.56836	0.0211189	13.886	13.886	0.262044	3.03305	3.03305	0.171179	3.98424	3.98424	0.231445	3.28981	3.28981
cg08722103	P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2RX2	0.0656015	0.038649	0.209988	-4.76218	0.0590589	0.249304	-4.01117	0.146281	0.361947	-2.76284	0.438072	0.597235	-1.67438	0.0125429	0.132198	-7.56442
cg18425700	RPTOR;RPTOR	0.0656039	0.0497346	0.713362	-1.40181	0.256699	0.836408	-1.19559	0.569486	1.09062	1.09062	0.107765	1.30322	1.30322	0.129422	0.780962	-1.28047
cg02259775	RGMB	0.0656042	0.488335	1.21237	1.21237	0.415351	0.796326	-1.25577	0.057742	1.7985	1.7985	0.196727	1.45262	1.45262	0.0128658	0.429584	-2.32783
cg04911139	KSR1	0.0656085	0.0577619	0.366584	-2.72789	0.73561	0.853399	-1.17179	0.0124378	0.23341	-4.28431	0.261133	0.578006	-1.73009	0.0182311	0.261699	-3.82119
cg13556511	C15orf38	0.0656094	0.0679253	1.94933	1.94933	0.0139924	2.6932	2.6932	0.914785	1.03556	1.03556	0.811848	0.925102	-1.08096	0.16248	1.62713	1.62713
cg04688590	UBE2I;UBE2I;UBE2I;UBE2I	0.0656102	0.367927	0.749116	-1.33491	0.292574	0.711022	-1.40643	0.117785	0.588291	-1.69984	0.0137038	0.385948	-2.59102	0.13045	0.600408	-1.66553
cg09582000	ARHGEF10	0.0656103	0.400893	0.842462	-1.187	0.926916	0.981875	-1.01846	0.723312	0.931582	-1.07344	0.144984	0.731929	-1.36625	0.00452649	0.470396	-2.12587
cg05195612	CHN1;CHN1;CHN1;CHN1	0.0656106	0.854088	0.973278	-1.02746	0.168775	0.80595	-1.24077	0.857108	0.973831	-1.02687	0.80662	1.03674	1.03674	0.100023	0.767088	-1.30363
cg14460735	CNST;TFB2M;CNST	0.0656109	0.0341115	0.259679	-3.85091	0.0269714	0.239727	-4.17141	0.332271	0.579609	-1.7253	0.146714	0.427705	-2.33806	0.0172567	0.20561	-4.86356
cg03302951	RHOF	0.0656116	0.951022	1.0201	1.0201	0.0162138	2.59294	2.59294	0.032183	2.25456	2.25456	0.771914	0.910121	-1.09876	0.144327	1.66218	1.66218
cg04660157	SSPN;SSPN	0.065614	0.747108	0.962201	-1.03928	0.519192	1.08093	1.08093	0.492869	0.920403	-1.08648	0.161085	0.836719	-1.19514	0.224762	1.164	1.164
cg10636959	TRIM26	0.0656165	0.506124	1.25311	1.25311	0.0516975	0.476826	-2.0972	0.0615453	0.49442	-2.02257	0.493562	0.792513	-1.26181	0.00420556	0.277443	-3.60434
cg11655669	POLR1B;POLR1B	0.0656171	0.669053	1.06997	1.06997	0.455015	1.12714	1.12714	0.121661	1.30201	1.30201	0.00177515	2.01363	2.01363	0.307247	1.18086	1.18086
cg05967340	FTO	0.0656174	0.0375446	0.656654	-1.52287	0.428856	0.868683	-1.15117	0.264115	0.816367	-1.22494	0.873203	1.02823	1.02823	0.133551	0.754227	-1.32586
cg02828104	TMEM189;TMEM189;TMEM189;TMEM189-UBE2V1	0.0656176	0.761543	1.12703	1.12703	0.973646	0.987105	-1.01306	0.341687	1.46954	1.46954	0.00879353	3.70957	3.70957	0.109931	0.504282	-1.98302
cg20029725	OTUB2	0.0656191	0.54163	1.13737	1.13737	0.852025	0.961845	-1.03967	0.173873	1.35174	1.35174	0.147856	0.723653	-1.38188	0.0579376	0.639826	-1.56292
cg16807961	RAP1GAP2;RAP1GAP2	0.0656192	0.0546304	0.514823	-1.94242	0.087409	1.77657	1.77657	0.722922	0.897252	-1.11451	0.870696	1.05086	1.05086	0.00930379	0.366111	-2.73141
cg21193975	WDR5;WDR5	0.0656202	0.979893	1.01284	1.01284	0.0846113	0.380812	-2.62597	0.617608	0.775101	-1.29015	0.152943	0.460825	-2.17002	0.0300959	0.274967	-3.6368
cg06811778	CASKIN1	0.0656206	0.00563194	0.626202	-1.59693	0.757768	1.04066	1.04066	0.134799	0.812463	-1.23082	0.0922529	0.787639	-1.26962	0.637215	1.0631	1.0631
cg02049217	DLC1;DLC1	0.0656208	0.0188953	0.263991	-3.788	0.0807403	0.403656	-2.47736	0.0870264	0.412636	-2.42345	0.0531117	0.357231	-2.79931	0.0305614	0.304118	-3.2882
cg00054706	C1D;C1D	0.0656226	0.0255628	0.787851	-1.26928	0.0321105	1.25312	1.25312	0.9237	1.00865	1.00865	0.422273	0.928972	-1.07646	0.56992	0.949699	-1.05297
cg24999308	NPTN;NPTN;NPTN;NPTN	0.0656229	0.419625	1.19956	1.19956	0.00462935	0.435494	-2.29624	0.134047	1.42838	1.42838	0.172643	0.725961	-1.37748	0.316942	0.795903	-1.25644
cg17832341	POU6F2;POU6F2	0.0656238	0.597389	1.2298	1.2298	0.352831	1.44922	1.44922	0.752157	1.13083	1.13083	0.339132	1.46574	1.46574	0.239861	0.620263	-1.61222
cg05143345	JUB;JUB	0.0656247	0.0391607	0.283904	-3.52231	0.00451003	0.135763	-7.36576	0.226274	0.511579	-1.95473	0.538962	0.720259	-1.38839	0.0695454	0.342719	-2.91784
cg02605672	TBCD	0.065625	0.661247	0.912722	-1.09562	0.877254	0.968495	-1.03253	0.0824998	0.671441	-1.48933	0.7256	0.929616	-1.07571	0.15658	1.36868	1.36868
cg15129823	GALR1	0.0656253	0.889744	0.97655	-1.02401	0.355442	0.849914	-1.17659	0.209263	0.797391	-1.25409	0.462706	0.879951	-1.13643	0.141153	1.31093	1.31093

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16490062	0.213029	1.21857	1.21857	0.200899	1.22583	1.22583	0.972292	0.994778	-1.00525	0.0434579	1.41911	1.41911	3.05101	1.09792	0.31987	1
cg16397629	0.413425	0.533899	-1.87301	0.0432624	0.174657	-5.7255	0.990685	1.0088	1.0088	0.0218991	0.12694	-7.87775	3.05099	27.2188	7.93004	1
cg20561863	0.761089	0.789207	-1.26709	0.352727	0.476009	-2.1008	0.372865	0.491568	-2.03431	0.0845394	0.227392	-4.39768	3.05098	29.1178	8.48332	1
cg16730369	0.213063	0.891625	-1.12155	0.644791	1.04144	1.04144	0.0235972	0.789417	-1.26676	0.160313	0.877032	-1.14021	3.05097	0.369753	0.107726	1
cg11264539	0.536682	0.704325	-1.4198	0.156823	0.428093	-2.33594	0.0876055	2.87608	2.87608	0.0541534	3.40231	3.40231	3.05097	15.1674	4.41896	1
cg25593022	0.482889	1.1692	1.1692	0.283827	1.27644	1.27644	0.541733	0.873363	-1.145	0.754826	0.933635	-1.07108	3.05095	2.32188	0.676477	1
cg00846769	0.367705	0.749581	-1.33408	0.0826539	1.81985	1.81985	0.88735	0.956806	-1.04514	0.128873	0.599759	-1.66734	3.05095	4.68905	1.36615	1
cg13421412	0.198413	0.612375	-1.63299	0.158519	0.580502	-1.72265	0.657863	1.17447	1.17447	0.17352	0.593042	-1.68622	3.05094	6.2907	1.83279	1
cg15282331	0.0130637	3.28674	3.28674	0.0265595	2.76214	2.76214	0.189266	1.71161	1.71161	0.408098	1.38681	1.38681	3.05093	7.21693	2.10265	1
cg17951978	0.170565	0.3605	-2.77392	0.0262606	0.15836	-6.31471	0.578597	0.675533	-1.48031	0.226078	0.411202	-2.4319	3.05092	23.6165	6.88069	1
cg00075768	0.0649261	0.554795	-1.80247	0.153989	0.648037	-1.54312	0.0376714	1.98434	1.98434	0.361613	1.30546	1.30546	3.05092	3.90391	1.13741	1
cg17275695	0.0825469	0.77065	-1.29761	0.0125458	1.52299	1.52299	0.464333	1.10617	1.10617	0.841441	0.973228	-1.02751	3.05092	0.886955	0.258415	1
cg15777769	0.0591833	0.275916	-3.62429	0.00959017	0.137755	-7.25926	0.218313	0.457182	-2.18731	0.0700179	0.293928	-3.40219	3.05091	17.6535	5.14338	1
cg19507160	0.0548934	0.423124	-2.36337	0.770421	1.12255	1.12255	0.363404	1.44632	1.44632	0.0974902	0.487543	-2.0511	3.05087	7.54145	2.19725	1
cg26662727	0.135651	0.637265	-1.56921	0.0137485	0.425958	-2.34765	0.113103	0.616855	-1.62113	0.407951	0.788877	-1.26762	3.05081	3.79275	1.10506	1
cg17754782	0.245095	0.446566	-2.23931	0.00602009	0.092597	-10.7995	0.400931	1.76839	1.76839	0.126732	0.334453	-2.98996	3.0508	21.2425	6.18927	1
cg10638780	0.531928	0.918942	-1.08821	0.0147363	0.669819	-1.49294	0.678544	0.945875	-1.05722	0.0479102	1.35249	1.35249	3.05077	0.861291	0.250951	1
cg08974450	0.0796919	49.1467	49.1467	0.00952901	717.554	717.554	0.0250998	207.595	207.595	0.0326047	149.623	149.623	3.05077	193.765	56.4566	1
cg03593057	0.624775	0.71196	-1.40457	0.792495	0.833842	-1.19927	0.00587301	11.9995	11.9995	0.103956	3.4052	3.4052	3.05076	22.9512	6.68722	1
cg03386765	0.210684	0.50046	-1.99816	0.0117246	0.191548	-5.22063	0.0185859	0.22362	-4.47187	0.12799	0.42162	-2.37181	3.05072	13.3098	3.87809	1
cg02218134	0.821736	1.03601	1.03601	0.0982562	0.752543	-1.32883	0.259752	0.831682	-1.20238	0.022218	0.650694	-1.53682	3.05071	1.1875	0.346005	1
cg01247628	0.838068	0.947532	-1.05537	0.00288189	0.339788	-2.94301	0.999407	1.0002	1.0002	0.0599725	1.74875	1.74875	3.0507	3.35146	0.976521	1
cg17131837	0.177311	0.636254	-1.5717	0.204817	0.655799	-1.52486	0.0770648	0.537982	-1.8588	0.245516	0.681787	-1.46673	3.0507	4.80477	1.39997	1
cg07856714	0.815753	0.944942	-1.05827	0.00435993	0.396902	-2.51952	0.0249914	0.523557	-1.91001	0.408777	0.814657	-1.22751	3.05069	2.84427	0.828743	1
cg17233819	0.560024	0.726315	-1.37681	0.00460832	0.12927	-7.73573	0.904448	0.936916	-1.06733	0.293199	0.553411	-1.80698	3.05054	14.2242	4.14476	1
cg20134394	0.785542	0.907892	-1.10145	0.359363	0.716137	-1.39638	0.259522	0.659205	-1.51698	0.0467969	0.446459	-2.23985	3.05054	6.06415	1.76702	1
cg12808359	0.399872	1.74063	1.74063	0.0363455	4.78216	4.78216	0.0660541	3.76652	3.76652	0.0206873	6.00016	6.00016	3.05048	19.9833	5.823	1
cg21932297	0.005642	0.635246	-1.57419	0.953301	0.992711	-1.00734	0.0301033	1.37521	1.37521	0.642765	1.06008	1.06008	3.05046	0.75382	0.219659	1
cg22284043	0.570735	2.50525	2.50525	0.00505251	380.904	380.904	0.0173161	104.182	104.182	0.0417106	43.0728	43.0728	3.05046	124.121	36.1682	1
cg00248449	0.224674	0.473179	-2.11336	0.0187418	0.188016	-5.31868	0.119695	0.371368	-2.69274	0.0598831	0.287768	-3.47502	3.05044	16.6304	4.84606	1
cg19269713	0.120902	1.36599	1.36599	0.0464748	0.655166	-1.52633	0.914864	0.980366	-1.02003	0.585461	1.10753	1.10753	3.05043	1.66118	0.484064	1
cg10759286	0.190724	0.432666	-2.31125	0.0258498	0.201915	-4.95258	0.222651	0.460749	-2.17038	0.0915265	0.325126	-3.07573	3.05038	17.6639	5.14729	1
cg21571166	0.127309	0.173316	-5.76981	0.163465	0.205813	-4.85878	0.0975501	0.14481	-6.9056	0.0154848	0.0425667	-23.4925	3.05036	54.5793	15.9046	1
cg08236912	0.678986	0.923323	-1.08305	0.294331	1.23183	1.23183	0.345581	1.20468	1.20468	0.943388	1.01371	1.01371	3.05035	1.77533	0.517341	1
cg11260022	0.027772	0.434779	-2.30002	0.15065	0.610614	-1.6377	0.791763	0.918756	-1.08843	0.0649535	0.514962	-1.94189	3.05034	4.95406	1.44364	1
cg09475041	0.0980446	2.66036	2.66036	0.01994	0.21989	-4.54772	0.696086	0.809253	-1.23571	0.106093	0.386127	-2.58982	3.05033	14.0433	4.09233	1
cg12523878	0.267556	0.869665	-1.14987	0.45148	1.09719	1.09719	0.245934	1.15803	1.15803	0.579432	1.07003	1.07003	3.05026	0.706237	0.205807	1
cg13231131	0.0608525	0.378175	-2.64428	0.0877441	0.420093	-2.38043	0.111271	0.450087	-2.2218	0.234911	0.563871	-1.77346	3.05026	10.2307	2.98137	1
cg08692295	0.190279	1.30739	1.30739	0.0131096	1.81214	1.81214	0.408575	1.17742	1.17742	0.295774	1.23306	1.23306	3.05025	1.8038	0.525654	1
cg22074242	0.735346	0.941396	-1.06225	0.00210571	0.463106	-2.15933	0.231693	1.25018	1.25018	0.211709	1.26388	1.26388	3.05018	1.53064	0.446062	1
cg02883161	0.253234	0.769721	-1.29917	0.140197	0.706044	-1.41634	0.60358	0.891454	-1.12176	0.615335	0.894828	-1.11753	3.05018	2.32402	0.67727	1
cg19725903	0.0772501	5.89078	5.89078	0.718494	1.38652	1.38652	0.00992822	18.9203	18.9203	0.0451971	7.9596	7.9596	3.05018	39.3715	11.4737	1
cg08100522	0.887874	0.957473	-1.04442	0.0860496	0.557485	-1.79377	0.548044	0.82924	-1.20592	0.181217	0.645804	-1.54846	3.05016	4.58411	1.33592	1
cg23024158	0.152133	0.418352	-2.39033	0.132956	0.398175	-2.51146	0.100327	0.359639	-2.78056	0.618929	0.752147	-1.32953	3.05012	15.5879	4.54273	1
cg09173768	0.313382	0.279829	-3.57362	0.00879712	58.8387	58.8387	0.0410904	17.7923	17.7923	0.39608	2.89068	2.89068	3.05009	72.0649	21.0019	1
cg21425160	0.994141	1.0047	1.0047	0.388901	1.75684	1.75684	0.739131	0.807932	-1.23773	0.110515	0.329611	-3.03388	3.05004	19.6735	5.73356	1
cg08924995	0.510134	0.911859	-1.09666	0.00236086	0.556659	-1.79643	0.0348451	0.712	-1.40449	0.993724	1.00109	1.00109	3.05004	0.92141	0.268531	1
cg16077221	0.650807	1.13016	1.13016	0.0791301	1.68783	1.68783	0.165313	1.48793	1.48793	0.0192511	0.467516	-2.13897	3.05002	3.48308	1.0151	1
cg17580798	0.857007	1.04396	1.04396	0.0630661	1.64666	1.64666	0.976706	1.00699	1.00699	0.203125	0.725807	-1.37778	3.04997	2.74864	0.801068	1
cg13645954	0.425902	1.23153	1.23153	0.400795	1.24644	1.24644	0.0066004	0.405196	-2.46794	0.958917	1.01328	1.01328	3.04997	3.16926	0.923656	1
cg02483661	0.912794	0.922345	-1.08419	0.0370994	0.167626	-5.96566	0.973822	1.02451	1.02451	0.0547466	0.200354	-4.99117	3.04996	26.3008	7.66518	1
cg21194785	0.162526	1.57002	1.57002	0.0660735	1.86598	1.86598	0.953357	1.01785	1.01785	0.2387	0.688431	-1.45258	3.04995	4.42131	1.28857	1
cg21552001	0.128851	1.18	1.18	0.00345567	1.49242	1.49242	0.966127	0.995727	-1.00429	0.69605	1.04039	1.04039	3.0499	0.491289	0.143185	1
cg25974901	0.0810397	0.281926	-3.54703	0.049444	0.230517	-4.33808	0.119486	0.330956	-3.02155	0.956718	0.9651	-1.03616	3.0499	20.6929	6.03092	1
cg10067787	0.170355	0.72049	-1.38794	0.842185	1.04577	1.04577	0.323248	0.795279	-1.25742	0.437594	0.837131	-1.19456	3.04987	2.43467	0.709589	1
cg14414873	0.0626713	0.210534	-4.74982	0.050198	0.190011	-5.26284	0.0993371	0.260866	-3.83339	0.1427	0.309771	-3.22819	3.04985	26.7248	7.78903	1
cg14059288	0.863287	0.967311	-1.03379	0.0101642	0.535207	-1.86843	0.868081	1.03258	1.03258	0.92188	1.0191	1.0191	3.04985	1.79626	0.523528	1
cg23220533	0.24409	0.479103	-2.08723	0.146503	0.390219	-2.56266	0.969711	1.02319	1.02319	0.033115	4.50047	4.50047	3.04983	17.6101	5.13256	1
cg24535439	0.0553392	5.87162	5.87162	0.0273961	8.38679	8.38679	0.0751638	5.02691	5.02691	0.00735721	16.6963	16.6963	3.04983	32.0802	9.34994	1
cg26169213	0.561469	1.18547	1.18547	0.374239	0.767741	-1.30252	0.237365	1.43149	1.43149	0.80245	0.929934	-1.07534	3.04982	4.05618	1.1822	1
cg05468243	0.899584	1.02603	1.02603	0.122259	1.40628	1.40628	0.0823429	0.675861	-1.47959	0.0525278	0.638412	-1.56639	3.04981	2.00179	0.583437	1
cg21969795	0.479788	1.41835	1.41835	0.752611	1.16631	1.16631	0.0126757	0.221487	-4.51495	0.774796	0.869739	-1.14977	3.04975	11.4329	3.33227	1
cg17651625	0.357249	0.697828	-1.43302	0.00603463	0.255875	-3.90816	0.0417991	0.410005	-2.439	0.0690794	0.461647	-2.16616	3.04974	6.97449	2.03281	1
cg00314018	0.315338	1.16757	1.16757	0.105064	0.76775	-1.30251	0.0956763	1.31404	1.31404	0.025283	0.672399	-1.48721	3.04972	1.07553	0.313479	1
cg07476792	0.610375	0.913905	-1.09421	0.710978	1.06738	1.06738	0.197671	0.787765	-1.26941	0.316674	0.83414	-1.19884	3.04971	1.48247	0.43209	1
cg09672291	0.466125	0.672762	-1.48641	0.00136045	0.0833362	-11.9996	0.855288	1.10248	1.10248	0.30702	0.568276	-1.75971	3.0497	13.7953	4.02087	1
cg01507046	0.010983	0.531969	-1.87981	0.111002	0.709338	-1.40977	0.323521	0.817355	-1.22346	0.0111722	0.533137	-1.87569	3.04966	1.88956	0.550751	1
cg24414344	0.197523	2.11581	2.11581	0.00429924	8.17201	8.17201	0.0416653	3.63999	3.63999	0.0710259	3.03313	3.03313	3.04965	14.62	4.26133	1
cg20216950	0.0601527	0.571627	-1.74939	0.909051	0.970307	-1.0306	0.304288	1.32397	1.32397	0.0331622	1.92877	1.92877	3.04964	3.3606	0.979526	1
cg20180585	0.737308	1.17348	1.17348	0.0311725	0.300677	-3.32583	0.647827	0.803687	-1.24427	0.539235	0.74424	-1.34365	3.0906	9.82514	3.17904	1
cg14982043	0.0130577	0.422468	-2.36705	0.805834	0.933407	-1.07134	0.345739	0.762061	-1.31223	0.0366763	0.50697	-1.9725	3.04959	3.78193	1.10235	1
cg07183450	0.271548	0.853264	-1.17197	0.275448	1.17034	1.17034	0.282741	0.856634	-1.16736	0.0151015	0.661025	-1.5128	3.04949	0.928311	0.270591	1
cg01112805	0.243073	2.29406	2.29406	0.0594036	4.24816	4.24816	0.0113656	8.61915	8.61915	0.935806	0.946717	-1.05628	3.04949	22.3151	6.50458	1
cg03019355	0.235093	0.759108	-1.31734	0.0295616	1.76369	1.76369	0.0220217	0.544278	-1.8373	0.551608	0.875119	-1.1427	3.04947	2.36894	0.690522	1
cg02517686	0.672085	1.26146	1.26146	0.00657243	0.145788	-6.85925	0.399029	1.60163	1.60163	0.607664	0.753889	-1.32646	3.04945	14.3738	4.18983	1
cg09180520	0.296665	0.675903	-1.4795	0.228449	0.632806	-1.58026	0.0615205	0.466509	-2.14358	0.0951936	0.514942	-1.94197	3.04945	6.32921	1.84491	1
cg09344631	0.11399	0.371722	-2.69018	0.0376472	0.249614	-4.00618	0.0561269	0.28792	-3.47318	0.0409557	0.257251	-3.88726	3.04943	15.9984	4.66343	1
cg04098985	0.334867	1.26578	1.26578	0.0507107	0.590026	-1.69484	0.257486	0.755751	-1.32319	0.0182186	0.50698	-1.97246	3.04943	2.7123	0.790617	1
cg12078031	0.186666	2.08209	2.08209	0.80738	0.879878	-1.13652	0.0198947	4.36027	4.36027	0.055241	3.12218	3.12218	3.04941	13.2561	3.86408	1
cg14238986	0.0287279	0.193818	-5.15949	0.0272566	0.189807	-5.26852	0.163874	0.388728	-2.57249	0.0732744	0.280731	-3.56212	3.04939	19.5365	5.69485	1
cg21692308	0.518758	1.43847	1.43847	0.659463	1.27951	1.27951	0.640042	0.769681	-1.29924	0.256897	0.518046	-1.93033	3.04938	14.9196	4.34904	1
cg22732749	0.0816564	5.04941	5.04941	0.791182	1.24942	1.24942	0.00228218	35.8686	35.8686	0.960433	0.959224	-1.04251	3.04935	34.0074	9.91318	1
cg23261491	0.744421	0.9711	-1.02976	0.0587166	0.825787	-1.21097	0.435498	1.07393	1.07393	0.0844914	1.18658	1.18658	3.04932	0.388119	0.113138	1
cg06597038	0.187787	0.720834	-1.38728	0.0436733	0.580507	-1.72263	0.39438	0.814989	-1.22701	0.159176	0.702681	-1.42312	3.0493	2.65603	0.774248	1
cg20852605	0.166221	0.801163	-1.24819	0.145576	0.790843	-1.26447	0.332341	0.860555	-1.16204	0.0472068	1.40634	1.40634	3.04928	1.08903	0.31746	1
cg18958844	0.811025	0.898096	-1.11347	0.0415229	0.348324	-2.87089	0.627014	0.802741	-1.24573	0.525441	1.33471	1.33471	3.04927	9.7228	2.83428	1
cg01474003	0.738471	1.05331	1.05331	0.00577397	0.570884	-1.75167	0.702543	1.06127	1.06127	0.019694	0.64622	-1.54746	3.04926	1.16007	0.33817	1
cg11927233	0.736213	0.865499	-1.1554	0.0100515	0.249579	-4.00675	0.138792	0.506229	-1.97539	0.552949	0.773803	-1.29232	3.04926	8.81465	2.56955	1
cg15393565	0.56831	1.15871	1.15871	0.1547	1.47565	1.47565	0.856421	0.954788	-1.04735	0.863147	1.04506	1.04506	3.04924	3.15138	0.918664	1
cg01671314	0.00205692	0.305576	-3.2725	0.247691	0.718917	-1.39098	0.596364	1.15714	1.15714	0.561045	1.17409	1.17409	3.04923	3.60074	1.04966	1
cg10852609	0.0842887	1.52637	1.52637	0.90252	0.973233	-1.0275	0.00716624	2.15716	2.15716	0.0304206	1.75654	1.75654	3.0492	2.3679	0.690279	1
cg22143766	0.0664859	0.086087	-11.6161	0.037918	0.0568012	-17.6053	0.134594	0.146251	-6.83754	0.0823707	0.10096	-9.90496	3.0492	68.5789	19.9918	1
cg24960639	0.954652	0.989327	-1.01079	0.0170709	0.577723	-1.73093	0.685648	0.926091	-1.07981	0.0730341	0.685732	-1.45829	3.04919	1.7194	0.501232	1
cg19299094	0.534523	0.852035	-1.17366	0.0248301	0.506629	-1.97383	0.0494052	1.76978	1.76978	0.643207	0.888033	-1.12608	3.04917	3.12942	0.912284	1
cg03010202	0.0942316	0.495978	-2.01622	0.424529	1.36458	1.36458	0.0593278	0.444243	-2.25102	0.607732	0.820912	-1.21816	3.04916	7.0154	2.04512	1
cg16128296	0.133477	0.489869	-2.04136	0.12439	0.480207	-2.08244	0.416875	0.693634	-1.44168	0.0341626	0.33629	-2.97362	3.04915	9.38715	2.73654	1
cg15840022	0.214649	0.794622	-1.25846	0.0120862	0.576568	-1.7344	0.280443	1.21828	1.21828	0.479927	1.13471	1.13471	3.04908	1.49555	0.435995	1
cg13037245	0.253159	0.58618	-1.70596	0.118034	0.467861	-2.13739	0.0486757	0.365042	-2.73941	0.0871113	0.429354	-2.32908	3.04908	9.67225	2.81973	1
cg06471656	0.980053	0.994626	-1.0054	0.957005	1.01169	1.01169	0.0547594	0.625266	-1.59932	0.600339	0.892308	-1.12069	3.04906	2.24347	0.654037	1
cg11750300	0.0730482	0.65142	-1.53511	0.984577	1.00415	1.00415	0.940028	0.983999	-1.01626	0.0604345	1.57445	1.57445	3.04902	2.21928	0.646991	1
cg24269412	0.25102	1.3924	1.3924	0.15413	0.65529	-1.52604	0.148343	0.650706	-1.53679	0.0841686	0.587338	-1.7026	3.28307	3.82577	0.906347	1
cg14950134	0.080555	0.375513	-2.66303	0.0153919	0.22251	-4.49419	0.0116272	0.203122	-4.92315	0.371323	0.628835	-1.59024	3.04901	12.3323	3.59528	1
cg01446963	0.94274	0.97766	-1.02285	0.26625	1.43958	1.43958	0.111147	1.72608	1.72608	0.2502	1.45928	1.45928	3.04899	4.77722	1.39273	1
cg24035370	0.826024	1.18221	1.18221	0.538213	0.622577	-1.60623	0.0170299	9.13553	9.13553	0.10689	3.81313	3.81313	3.04893	27.9197	8.13975	1
cg01341216	0.846906	1.04444	1.04444	0.0297309	1.77795	1.77795	0.661607	0.905683	-1.10414	0.673572	0.9091	-1.09999	3.04891	2.44302	0.712246	1
cg17029019	0.0971924	5.62387	5.62387	0.142429	4.46363	4.46363	0.00667504	28.1903	28.1903	0.0296551	11.3455	11.3455	3.04887	43.465	12.6721	1
cg08722103	0.839137	0.875944	-1.14163	0.017759	0.152824	-6.54349	0.058802	0.248864	-4.01826	0.0890503	0.294621	-3.39419	3.04886	20.5051	5.97822	1
cg18425700	0.0661339	1.36484	1.36484	0.322563	1.16671	1.16671	0.330076	0.859278	-1.16377	0.0528702	0.717461	-1.3938	3.04882	1.09949	0.32056	1
cg02259775	0.176075	0.674694	-1.48215	0.525201	1.19258	1.19258	0.119434	1.58761	1.58761	0.422145	0.799073	-1.25145	3.04881	3.61337	1.05349	1
cg04911139	0.916054	1.05055	1.05055	0.182236	0.51571	-1.93907	0.26709	1.71739	1.71739	0.0947867	0.423657	-2.3604	3.04873	10.5643	3.08013	1
cg13556511	0.424044	1.30544	1.30544	0.695819	1.13686	1.13686	0.474602	0.788687	-1.26793	0.0245922	0.417279	-2.39648	3.04872	5.14605	1.50039	1
cg04688590	0.053688	0.504446	-1.98237	0.0157019	0.396598	-2.52145	0.22697	1.48615	1.48615	0.498477	0.806842	-1.2394	3.0487	4.71042	1.37339	1
cg09582000	0.114992	0.710566	-1.40733	0.443906	1.16838	1.16838	0.306402	1.23506	1.23506	0.156745	1.35253	1.35253	3.0487	1.91927	0.559589	1
cg05195612	0.468637	0.897194	-1.11459	0.00181272	0.520757	-1.92028	0.377356	1.14256	1.14256	0.886071	0.979128	-1.02132	3.04869	1.0452	0.304742	1
cg14460735	0.090633	0.361843	-2.76363	0.0535953	0.302638	-3.30428	0.027284	0.240672	-4.15504	0.0875988	0.357649	-2.79604	3.04869	14.3563	4.18578	1
cg03302951	0.0317825	2.26027	2.26027	0.017724	2.54578	2.54578	0.414028	1.3107	1.3107	0.867506	1.05559	1.05559	3.04867	5.06932	1.47804	1
cg04660157	0.798117	0.969935	-1.031	0.00672241	1.51979	1.51979	0.120883	0.818466	-1.2218	0.10678	0.810817	-1.23332	3.04863	0.684848	0.199681	1
cg10636959	0.26761	0.679605	-1.47144	0.0664952	0.502444	-1.99027	0.928686	0.970505	-1.03039	0.209395	0.642428	-1.55659	3.04858	5.40105	1.57481	1
cg11655669	0.201853	1.2361	1.2361	0.132719	1.29065	1.29065	0.503386	0.898697	-1.11272	0.931628	0.986594	-1.01359	3.04857	1.1944	0.348256	1
cg05967340	0.0625982	0.694028	-1.44086	0.141561	0.759175	-1.31722	0.505407	1.12501	1.12501	0.00460791	0.518293	-1.92941	3.04857	1.4669	0.427712	1
cg02828104	0.227189	0.607664	-1.64565	0.116756	0.511922	-1.95342	0.0829404	0.470317	-2.12622	0.966751	1.01651	1.01651	3.04856	7.45372	2.17333	1
cg20029725	0.348091	0.817704	-1.22294	0.0142248	0.532581	-1.87765	0.460732	0.855174	-1.16935	0.0681328	1.53043	1.53043	3.04854	2.09544	0.610987	1
cg16807961	0.205248	1.50234	1.50234	0.603426	0.852477	-1.17305	0.211096	1.49371	1.49371	0.574257	0.841247	-1.18871	3.04853	4.4781	1.30572	1
cg21193975	0.171989	0.47907	-2.08738	0.00468523	0.149165	-6.70397	0.387988	1.56494	1.56494	0.257245	0.549656	-1.81932	3.04852	12.3695	3.60672	1
cg06811778	0.356772	1.12986	1.12986	0.180824	1.20085	1.20085	0.645234	1.06154	1.06154	0.203806	0.84133	-1.18859	3.04851	0.801172	0.233607	1
cg02049217	0.166577	0.501145	-1.99543	0.0212538	0.273344	-3.65839	0.121338	0.455316	-2.19628	0.046201	0.343038	-2.91513	3.04851	10.5935	3.08887	1
cg00054706	0.0652547	1.20444	1.20444	0.138069	0.866301	-1.15433	0.196914	1.13045	1.13045	0.664628	1.03998	1.03998	3.04847	0.390039	0.11373	1
cg24999308	0.725773	0.925239	-1.0808	?	?		0.239431	0.761986	-1.31236	0.745167	1.07461	1.07461	3.0894	2.11756	0.685427	1
cg17832341	0.312424	1.50008	1.50008	0.00219054	0.188782	-5.29712	0.932748	0.967776	-1.0333	0.910083	1.04482	1.04482	3.04845	7.27156	2.12029	1
cg05143345	0.259739	0.537841	-1.85929	0.0384996	0.282324	-3.54204	0.10508	0.392873	-2.54535	0.0955972	0.380694	-2.62678	3.04843	13.4357	3.91771	1
cg02605672	0.759664	0.938426	-1.06561	0.00292759	2.33156	2.33156	0.639443	0.906898	-1.10266	0.890639	0.971909	-1.0289	3.04843	2.07102	0.603888	1
cg15129823	0.265193	0.819839	-1.21975	0.0191631	0.615763	-1.624	0.150942	1.30124	1.30124	0.0371763	1.51264	1.51264	3.04842	1.413	0.412016	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18892517	DPP4	0.0656261	0.11953	7.3651	7.3651	0.774426	1.40447	1.40447	0.969433	1.04634	1.04634	0.205597	0.206293	-4.84747	0.456425	0.407965	-2.45119
cg21908344	COPS3	0.0656269	0.909518	1.03992	1.03992	0.503059	0.791352	-1.26366	0.19042	0.620372	-1.61194	0.00421325	3.74161	3.74161	0.226841	0.64604	-1.54789
cg09822923	CCDC76	0.065628	0.456422	0.897249	-1.11452	0.0140957	0.648478	-1.54207	0.0348586	0.70361	-1.42124	0.0365565	0.706593	-1.41524	0.945165	0.990216	-1.00988
cg23903076	TOLLIP	0.0656294	0.120238	0.614561	-1.62718	0.373932	1.30165	1.30165	0.237671	0.699558	-1.42947	0.826968	0.938722	-1.06528	0.0172949	0.432784	-2.31062
cg26015973	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.0656328	0.348009	0.786254	-1.27185	0.477632	0.835528	-1.19685	0.533256	1.17006	1.17006	0.463288	0.830437	-1.20419	0.162472	0.689949	-1.44938
cg04850211	OBSCN;OBSCN	0.0656336	0.217348	0.585341	-1.7084	0.493962	1.33194	1.33194	0.366742	1.46613	1.46613	0.0242975	3.02786	3.02786	0.121024	0.499685	-2.00126
cg21559943	PTPRH;PTPRH	0.0656337	0.41402	1.32266	1.32266	0.641744	1.1699	1.1699	0.194919	0.631823	-1.58272	0.121865	1.75341	1.75341	0.132759	0.580883	-1.72152
cg26556065	EEPD1	0.065634	0.20361	1.64617	1.64617	0.399553	1.37761	1.37761	0.308243	1.47958	1.47958	0.0661617	2.15025	2.15025	0.0386228	2.43468	2.43468
cg07805833	POLR1C;POLR1C;YIPF3	0.0656346	0.366692	1.14566	1.14566	0.0385805	0.703739	-1.42098	0.0221978	0.668976	-1.49482	0.798311	1.03826	1.03826	0.160585	1.24581	1.24581
cg13984756	DIP2C	0.0656395	0.956654	1.01076	1.01076	0.0155022	0.557242	-1.79455	0.24495	0.786997	-1.27065	0.948913	0.98746	-1.0127	0.721442	1.07305	1.07305
cg08496521	ARHGDIG	0.0656404	0.0783419	0.526727	-1.89852	0.855769	0.942099	-1.06146	0.990465	0.99609	-1.00393	0.419888	0.763258	-1.31017	0.339895	0.724379	-1.38049
cg08264805	RUSC1;RUSC1;C1orf104	0.0656433	0.0708828	8.32723	8.32723	0.0071253	38.4942	38.4942	0.0172967	21.0139	21.0139	0.169273	4.65529	4.65529	0.0748704	8.03389	8.03389
cg09234161	CCDC102A	0.0656435	0.150012	0.683699	-1.46263	0.634273	0.88862	-1.12534	0.120353	0.66025	-1.51458	0.141252	0.677172	-1.47673	0.132254	0.670139	-1.49223
cg02010524	SRP72	0.065644	0.0871982	0.779966	-1.28211	0.874176	1.02107	1.02107	0.00726031	1.5773	1.5773	0.988869	0.998166	-1.00184	0.174625	1.20925	1.20925
cg26475097	QRICH1;QRICH1	0.065646	0.489516	1.13722	1.13722	0.284665	0.815822	-1.22576	0.0415603	0.650246	-1.53788	0.0857817	1.41593	1.41593	0.14299	0.749509	-1.33421
cg18296405	SENP7;SENP7	0.0656488	0.759098	1.08267	1.08267	0.310886	0.762805	-1.31095	0.146807	1.49499	1.49499	0.36373	0.785811	-1.27257	0.0253218	0.503281	-1.98696
cg23704689	GPN3;GPN3;C12orf24;GPN3	0.0656493	0.641093	0.918338	-1.08892	0.0663514	0.688219	-1.45303	0.168863	0.766438	-1.30474	0.964509	0.991959	-1.00811	0.374776	0.847639	-1.17975
cg24319143	DUSP22	0.0656497	0.0143332	0.373108	-2.68019	0.585052	0.835238	-1.19726	0.219595	0.656053	-1.52427	0.142553	0.597697	-1.67309	0.0214019	0.405469	-2.46628
cg04109655	MAD1L1;MAD1L1;MAD1L1	0.065651	0.449457	0.787277	-1.2702	0.165234	0.631695	-1.58304	0.097782	0.569095	-1.75718	0.789778	0.920424	-1.08646	0.0104487	0.367749	-2.71925
cg09717809	BOLA3;BOLA3	0.0656526	0.738913	0.729529	-1.37075	0.014725	16.9512	16.9512	0.0224316	13.1781	13.1781	0.048541	8.36921	8.36921	0.296277	0.360225	-2.77605
cg14359531	PNPLA7;PNPLA7	0.0656604	0.0838047	0.244254	-4.09409	0.383602	0.517808	-1.93122	0.103282	0.269093	-3.71618	0.110273	0.277442	-3.60435	0.0243125	0.138417	-7.22457
cg10622023	OLFML2B	0.0656604	0.236992	0.58017	-1.72363	0.299958	1.60323	1.60323	0.2638	0.599372	-1.66841	0.738206	1.15882	1.15882	0.00243976	0.156696	-6.38178
cg06886374	IGFALS;IGFALS;IGFALS	0.0656634	0.0835902	1.89517	1.89517	0.103145	1.81333	1.81333	0.161248	1.64787	1.64787	0.206725	1.55981	1.55981	0.900127	0.958951	-1.04281
cg07854662	SLC39A8;SLC39A8;SLC39A8;SLC39A8	0.0656637	0.137787	1.42002	1.42002	0.00748897	2.12844	2.12844	0.698721	0.918199	-1.08909	0.374121	0.818582	-1.22162	0.572699	1.13323	1.13323
cg02669193	RPS6KA2	0.0656637	0.025463	0.147701	-6.77044	0.0643697	0.223852	-4.46724	0.0944078	0.265993	-3.7595	0.171753	0.350692	-2.85151	0.0215654	0.136999	-7.29932
cg09958560	VTI1A	0.0656638	0.0601658	0.1793	-5.57725	0.00939284	0.0692763	-14.4349	0.102928	0.235433	-4.24749	0.269309	0.393531	-2.54109	0.0615493	0.181366	-5.51371
cg12256469	PTPRN2;PTPRN2;PTPRN2	0.0656641	0.156171	0.561697	-1.78032	0.0143562	0.317402	-3.15058	0.0819869	0.4806	-2.08073	0.126225	1.87577	1.87577	0.130531	0.537488	-1.86051
cg04527761	FAM20C	0.0656709	0.0969037	0.422587	-2.36638	0.380903	0.653866	-1.52936	0.421411	0.678249	-1.47438	0.105355	0.433267	-2.30805	0.556073	0.754683	-1.32506
cg19048010	SSH2	0.065672	0.728925	0.889154	-1.12466	0.365689	1.36869	1.36869	0.425085	0.759519	-1.31662	0.381767	0.738652	-1.35382	0.0133063	0.354968	-2.81716
cg09776910	ZNF836	0.065672	0.71167	1.11767	1.11767	0.19092	1.51434	1.51434	0.00608517	2.92476	2.92476	0.683481	0.884407	-1.1307	0.0796881	0.558322	-1.79108
cg22386492	KIAA1026;KIAA1026	0.0656739	0.218397	1.62191	1.62191	0.968009	0.985131	-1.01509	0.951009	1.02322	1.02322	0.182016	1.69749	1.69749	0.167109	0.576852	-1.73355
cg17971065	SF3B2	0.0656749	0.346873	0.774298	-1.29149	0.00256173	0.331356	-3.01791	0.110552	0.63179	-1.5828	0.384016	0.790004	-1.26582	0.494189	0.832487	-1.20122
cg06334667	BRPF1;BRPF1	0.0656762	0.395115	0.746292	-1.33996	0.0657251	0.499631	-2.00148	0.64494	0.855639	-1.16872	0.286827	1.45009	1.45009	0.10749	0.55419	-1.80443
cg05320089	ANKRD10	0.0656773	0.466977	0.881972	-1.13382	0.0235559	0.632009	-1.58226	0.756038	0.948493	-1.0543	0.498244	1.12374	1.12374	0.0469685	1.47084	1.47084
cg13861948	LOC400804	0.065678	0.0303547	0.321407	-3.11132	0.265895	0.596333	-1.67692	0.0726783	0.40946	-2.44224	0.118192	0.469336	-2.13067	0.00350241	0.170987	-5.8484
cg15406425	DNAH17	0.0656797	0.47799	0.905823	-1.10397	0.567611	0.923843	-1.08244	0.00774364	0.625641	-1.59836	0.0397715	0.721846	-1.38534	0.590427	0.928208	-1.07734
cg22126136	ACRC;BCYRN1	0.0656805	0.843193	1.09054	1.09054	0.388758	0.679403	-1.47188	0.0792489	0.426286	-2.34584	0.0554714	0.38679	-2.58538	0.00482038	0.194658	-5.13721
cg19508701	PPP1R3B;PPP1R3B	0.0656836	0.369391	0.686485	-1.4567	0.868323	1.07005	1.07005	0.324373	0.66014	-1.51483	0.386753	0.696257	-1.43625	0.994655	1.00274	1.00274
cg03237412	ELL3	0.0656851	0.215164	0.753293	-1.3275	0.989698	0.9972	-1.00281	0.00381994	2.33236	2.33236	0.816429	1.05179	1.05179	0.358107	0.814483	-1.22777
cg03934354	C1QTNF3;C1QTNF3	0.0656852	0.0173888	0.30302	-3.30011	0.198061	0.570727	-1.75215	0.709912	0.857233	-1.16654	0.972908	1.0141	1.0141	0.0160778	0.29685	-3.3687
cg01382804	SLC17A2	0.0656869	0.927652	0.939397	-1.06451	0.441928	0.582898	-1.71557	0.238897	0.427806	-2.33751	0.0333998	0.180648	-5.53561	0.194716	0.388962	-2.57094
cg04495969	FBXO11;FBXO11;FBXO11	0.0656874	0.0920099	1.29666	1.29666	0.00615853	1.64955	1.64955	0.301113	0.860652	-1.16191	0.505134	0.909631	-1.09935	0.0628098	1.34071	1.34071
cg24835159	RNF43;RNF43	0.0656878	0.321761	0.521818	-1.91638	0.00408264	11.5758	11.5758	0.03356	4.84363	4.84363	0.745429	0.813015	-1.22999	0.33499	1.88095	1.88095
cg01376469	TRABD	0.0656888	0.404148	1.41974	1.41974	0.165284	0.544637	-1.83609	0.178382	0.555965	-1.79868	0.0803588	0.450963	-2.21748	0.0160513	0.298223	-3.3532
cg25743719	HPCAL1;HPCAL1;HPCAL1	0.0656897	0.0182279	0.602105	-1.66084	0.836562	1.03724	1.03724	0.172318	1.29322	1.29322	0.992994	1.00156	1.00156	0.0686002	0.697101	-1.43451
cg01450719	GRINA;GRINA	0.0656912	0.74657	0.944086	-1.05923	0.114579	0.737474	-1.35598	0.140449	0.75473	-1.32498	0.217551	0.794382	-1.25884	0.348926	1.18662	1.18662
cg17280673	RPS6KA2;RPS6KA2	0.0656933	0.640481	0.865956	-1.15479	0.0068947	2.91603	2.91603	0.0178447	2.41354	2.41354	0.299773	0.719783	-1.38931	0.561485	0.835572	-1.19678
cg22067676	HINT3	0.0656936	0.218017	0.763906	-1.30906	0.0520795	1.58291	1.58291	0.0287016	0.584906	-1.70968	0.408323	0.83881	-1.19217	0.177773	0.742565	-1.34668
cg00205905	PRRG1;PRRG1	0.0656939	0.739856	0.9028	-1.10767	0.250329	0.691689	-1.44574	0.284687	1.40638	1.40638	0.0071033	2.90724	2.90724	0.107942	0.583774	-1.71299
cg04964031	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGC5;PCDHGB6;PCDH	0.0656942	0.0623869	3.62821	3.62821	0.15112	2.57334	2.57334	0.574078	1.41754	1.41754	0.0849482	3.22324	3.22324	0.114725	2.86883	2.86883
cg15474769	TSPYL2	0.0656943	0.0176949	4.00549	4.00549	0.475534	0.705394	-1.41765	0.843788	0.909467	-1.09954	0.759461	1.15919	1.15919	0.0707824	0.378659	-2.6409
cg01173650	RUFY4	0.065695	0.397574	0.61416	-1.62824	0.051303	0.286817	-3.48654	0.0172808	0.195516	-5.11466	0.609083	1.3368	1.3368	0.00789566	0.146935	-6.80573
cg22578966	PTPRN2;PTPRN2;PTPRN2	0.0656965	0.850639	0.941734	-1.06187	0.730699	0.895804	-1.11632	0.740427	0.899536	-1.11168	0.152495	0.61382	-1.62914	0.0213546	0.414425	-2.41298
cg03528538	MUC6	0.065697	0.0377774	0.259378	-3.85537	0.171452	0.442402	-2.26039	0.467001	0.660615	-1.51374	0.169297	0.440348	-2.27093	0.0163256	0.193082	-5.17915
cg18482326	MRPL23	0.065699	0.245778	0.741685	-1.34828	0.616795	0.883208	-1.13224	0.0341895	1.83741	1.83741	0.0206522	0.503538	-1.98595	0.020398	0.50257	-1.98977
cg20050093	C10orf84;C10orf84	0.0657	0.0978344	2.95235	2.95235	0.099411	2.93466	2.93466	0.84193	1.1264	1.1264	0.289093	1.927	1.927	0.075363	3.2549	3.2549
cg07575407	MEGF11	0.0657052	0.0274205	0.114031	-8.76952	0.0193217	0.0949378	-10.5332	0.382576	0.47463	-2.1069	0.153807	0.280611	-3.56365	0.0228416	0.103657	-9.64718
cg08060645	CDC40	0.0657053	0.0100961	0.144831	-6.90462	0.0384504	0.23989	-4.16857	0.224727	0.468088	-2.13635	0.0752319	0.307535	-3.25166	0.111756	0.35665	-2.80387
cg19690410	MYCBP;GJA9	0.0657109	0.00952415	0.0717817	-13.9311	0.0268759	0.122123	-8.18847	0.0681459	0.194299	-5.14671	0.203546	0.340796	-2.93431	0.024036	0.115453	-8.66155
cg21698385	MAP4K4;MAP4K4;MAP4K4	0.0657126	0.807596	1.0861	1.0861	0.217808	0.644759	-1.55097	0.206897	0.637236	-1.56928	0.517134	1.24899	1.24899	0.15578	1.67215	1.67215
cg12781794	PHLDB1;PHLDB1;PHLDB1	0.0657127	0.539245	1.28637	1.28637	0.42005	1.3962	1.3962	0.278204	1.57903	1.57903	0.111447	2.01856	2.01856	0.293275	0.642957	-1.55532
cg14844138	LZIC	0.0657136	0.0559332	0.603272	-1.65763	0.687627	0.909978	-1.09893	0.0187412	0.514373	-1.94411	0.585413	1.13719	1.13719	0.325218	0.788919	-1.26756
cg13848905	TDRD5	0.0657138	0.0528714	4.03764	4.03764	0.0416997	4.43334	4.43334	0.0368423	4.65519	4.65519	0.686843	0.773323	-1.29312	0.813322	1.16189	1.16189
cg26820378	PEX14	0.0657151	0.0194737	0.340583	-2.93614	0.0882942	0.48809	-2.0488	0.0182237	0.335168	-2.98358	0.134584	0.540495	-1.85015	0.0262353	0.36584	-2.73344
cg06625916	NYX	0.0657158	0.508185	1.12513	1.12513	0.410838	0.862681	-1.15918	0.221	0.79774	-1.25354	0.243346	1.23913	1.23913	0.87442	1.02817	1.02817
cg19619320	SSU72	0.0657178	0.0572871	0.289979	-3.44852	0.644409	0.765265	-1.30674	0.843175	1.12077	1.12077	0.0972876	0.350821	-2.85045	0.00399405	0.107823	-9.27442
cg13140564	PLTP;PLTP	0.0657185	0.884616	0.953377	-1.0489	0.843305	1.06723	1.06723	0.139906	0.593197	-1.68578	0.0143897	0.370865	-2.6964	0.155752	0.606912	-1.64768
cg10426370	ESM1;ESM1	0.0657189	0.0646997	0.377679	-2.64775	0.752604	1.15695	1.15695	0.142772	0.479971	-2.08346	0.0416574	0.330627	-3.02455	0.051604	0.352778	-2.83464
cg23046386	SNTG1	0.0657194	0.467175	1.21132	1.21132	0.0790492	1.65743	1.65743	0.30523	0.759498	-1.31666	0.26521	0.740178	-1.35103	0.0145382	0.458408	-2.18146
cg23747967	CCM2;CCM2;CCM2;CCM2;CCM2	0.0657209	0.551022	1.20892	1.20892	0.0145438	2.57722	2.57722	0.466331	1.26258	1.26258	0.37481	1.33177	1.33177	0.0630179	0.51801	-1.93046
cg25676335	RB1	0.065723	0.213276	1.61179	1.61179	0.178073	1.68401	1.68401	0.216333	1.60615	1.60615	0.829221	1.08185	1.08185	0.0847531	2.00232	2.00232
cg05711445	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0657235	0.829125	0.880512	-1.1357	0.00427011	0.105319	-9.49495	0.0194202	0.189421	-5.27924	0.153435	0.4066	-2.45942	0.397216	0.600267	-1.66592
cg22511321	GGA1;GGA1;GGA1	0.0657242	0.650312	1.25789	1.25789	0.0363232	0.29421	-3.39893	0.787827	1.14524	1.14524	0.405238	0.651739	-1.53436	0.00508799	0.15544	-6.43333
cg03079549	PLDN	0.0657262	0.224892	0.829191	-1.20599	0.883043	1.0217	1.0217	0.0907207	1.31774	1.31774	0.186224	0.813655	-1.22902	0.0545918	0.722994	-1.38314
cg14941654	HLA-G	0.0657262	0.733184	0.931868	-1.07311	0.0318359	0.595236	-1.68001	0.00741626	0.491017	-2.03659	0.991702	0.997858	-1.00215	0.313786	0.806671	-1.23966
cg18257955	SNORD115-15;SNORD115-21;SNORD115-22	0.0657264	0.20146	0.250162	-3.99741	0.00347989	0.0170242	-58.7401	0.286821	0.321071	-3.11458	0.47321	0.472673	-2.11563	0.039987	0.0873021	-11.4545
cg26045434	HR;HR	0.0657271	0.0248223	0.67035	-1.49176	0.988114	0.997772	-1.00223	0.310601	1.17009	1.17009	0.095906	0.76049	-1.31494	0.239677	0.831655	-1.20242
cg05249479	EVL	0.0657272	0.559042	0.850163	-1.17625	0.390198	1.27367	1.27367	0.247488	0.717345	-1.39403	0.0107246	0.41438	-2.41324	0.295765	0.742395	-1.34699
cg03631743	MTL5;MTL5	0.0657281	0.42895	1.30746	1.30746	0.0109641	2.88582	2.88582	0.742447	1.1157	1.1157	0.360285	1.36649	1.36649	0.0207776	0.396912	-2.51945
cg03529555	NAV2	0.0657281	0.55402	0.859453	-1.16353	0.285939	0.755475	-1.32367	0.0877488	0.620733	-1.611	0.0245794	1.96893	1.96893	0.0298998	1.90877	1.90877
cg12848639	SLC6A3	0.0657286	0.132922	0.470615	-2.12488	0.251684	0.573086	-1.74494	0.242034	0.565944	-1.76696	0.252654	0.573796	-1.74278	0.0372279	0.324895	-3.07792
cg15388462	MAD2L1BP;GTPBP2	0.0657288	0.295186	0.727418	-1.37473	0.507314	0.821025	-1.21799	0.0255386	2.1769	2.1769	0.514791	1.21366	1.21366	0.650876	1.14289	1.14289
cg21482176	SDCCAG10	0.0657324	0.12029	0.588932	-1.69799	0.326023	0.727167	-1.3752	0.711905	1.1236	1.1236	0.123004	1.69041	1.69041	0.0143347	0.387287	-2.58207
cg14686949	GABRE;MIR452	0.065733	0.918531	0.930014	-1.07525	0.0900451	0.265808	-3.76212	0.3093	0.474184	-2.10889	0.0942535	0.271277	-3.68627	0.0191231	0.133855	-7.47077
cg01582396	SNX18;SNX18	0.0657341	0.180809	1.88168	1.88168	0.778105	1.13392	1.13392	0.848307	0.918333	-1.08893	0.175413	1.8985	1.8985	0.00645041	0.206815	-4.83523
cg22455090	LYSMD3	0.0657355	0.441228	0.882851	-1.13269	0.0257886	0.657026	-1.52201	0.294304	1.18836	1.18836	0.0512834	0.7032	-1.42207	0.0208203	0.643147	-1.55485
cg25981124	ABCF2;ABCF2;ABCF2;ABCF2	0.0657361	0.601341	1.17192	1.17192	0.33747	1.34661	1.34661	0.123704	1.65163	1.65163	0.656582	0.874	-1.14416	0.808744	0.929622	-1.07571
cg04548815	VANGL1	0.065738	0.0569872	0.401691	-2.48948	0.43893	1.39697	1.39697	0.536719	1.30331	1.30331	0.011687	0.263354	-3.79718	0.271056	0.615551	-1.62456
cg08941457	LOC284798;LOC284798;LOC284798	0.0657393	0.0660874	6.18018	6.18018	0.0238462	10.8285	10.8285	0.0947696	5.06393	5.06393	0.730696	1.35695	1.35695	0.0486085	7.31543	7.31543
cg01952234	WT1;WIT1;WT1;WT1;WT1	0.0657397	0.223984	1.33088	1.33088	0.742376	0.928851	-1.0766	0.641446	1.11064	1.11064	0.0360553	0.579517	-1.72557	0.0172896	0.522668	-1.91326
cg17142870	C20orf95	0.0657402	0.485955	1.41563	1.41563	0.0573941	0.348111	-2.87264	0.669691	1.2345	1.2345	0.895438	0.937485	-1.06668	0.323437	0.606112	-1.64986
cg05951219	C1orf226	0.0657402	0.0585584	0.662214	-1.51008	0.342546	1.20757	1.20757	0.827392	1.04302	1.04302	0.98106	1.00459	1.00459	0.00487184	0.486806	-2.05421
cg12235622	C1orf84;MED8;MED8	0.0657437	0.693766	0.835315	-1.19715	0.0700886	2.51138	2.51138	0.599859	1.27214	1.27214	0.713866	0.845813	-1.18229	0.0272685	0.304854	-3.28026
cg00907884	HGFAC	0.0657482	0.182752	1.12687	1.12687	0.302995	1.09432	1.09432	0.0116864	0.766306	-1.30496	0.174412	0.885109	-1.1298	0.28526	0.9105	-1.0983
cg25261059	ETHE1	0.0657488	0.673004	0.964453	-1.03686	0.445221	0.935798	-1.06861	0.0243313	0.795451	-1.25715	0.588599	1.04766	1.04766	0.00959384	0.756076	-1.32262
cg19092620	C1orf53	0.065749	0.299094	1.33977	1.33977	0.144986	1.53022	1.53022	0.919126	1.02799	1.02799	0.872087	0.957151	-1.04477	0.0318392	0.504737	-1.98123
cg18797132	FAM162A	0.0657491	0.269011	0.63374	-1.57793	0.384019	0.702112	-1.42427	0.0326508	0.371378	-2.69267	0.0124675	0.291754	-3.42755	0.441693	0.732837	-1.36456
cg06485521	KLHL31	0.0657505	0.0257046	3.10314	3.10314	0.230456	1.7121	1.7121	0.0547272	2.53786	2.53786	0.300243	1.58221	1.58221	0.019545	3.34051	3.34051
cg23876292	LMAN1	0.0657516	0.0428267	0.310557	-3.22002	0.409916	0.655258	-1.52612	0.145121	0.456181	-2.19211	0.396709	0.647046	-1.54548	0.0154065	0.225063	-4.4432
cg24757747	ZMYND11;ZMYND11;ZMYND11	0.0657528	0.486365	0.754474	-1.32543	0.0539678	2.39026	2.39026	?	?	?	0.652528	0.834821	-1.19786	0.00494731	0.227065	-4.40403
cg20977864	HYDIN;HYDIN	0.0657528	0.101233	0.609573	-1.64049	0.00906727	2.49606	2.49606	0.544681	0.84442	-1.18424	0.839818	1.05741	1.05741	0.568761	0.853109	-1.17218
cg00038233	OR10G8	0.0657534	0.933421	1.01983	1.01983	0.038876	0.570108	-1.75405	0.28155	0.768757	-1.3008	0.444553	1.20099	1.20099	0.0137631	0.488894	-2.04543
cg07416975	PCGF3	0.0657543	0.0693965	0.615689	-1.6242	0.412948	0.818844	-1.22123	0.753442	1.07814	1.07814	0.701217	0.912059	-1.09642	0.00502093	0.412189	-2.42607
cg26050838	CASP2;CASP2	0.0657546	0.474507	1.1716	1.1716	0.023336	0.554261	-1.8042	0.431377	0.83957	-1.19109	0.0889984	1.50445	1.50445	0.172063	1.37235	1.37235
cg08887327	LRRFIP1	0.0657555	0.138164	0.487483	-2.05135	0.00902439	0.224473	-4.45488	0.00614736	0.200115	-4.99712	0.838668	1.09609	1.09609	0.158606	0.507504	-1.97043
cg01781446	AMAC1L3;ZBTB4;ZBTB4	0.0657561	0.548355	0.794136	-1.25923	0.0154208	3.0898	3.0898	0.0117867	3.29918	3.29918	0.781693	1.11118	1.11118	0.150991	0.557633	-1.79329
cg06860598	FAM48B1	0.0657562	0.149283	1.625	1.625	0.0126033	0.377593	-2.64835	0.688365	1.13495	1.13495	0.758799	1.10153	1.10153	0.199883	1.52988	1.52988
cg09261111	TAF5L;TAF5L	0.0657571	0.88155	1.05187	1.05187	0.238157	0.657658	-1.52055	0.9976	0.998981	-1.00102	0.651698	1.16663	1.16663	0.00504114	0.284226	-3.51832
cg00630245	DHCR7;DHCR7	0.0657581	0.245129	0.855331	-1.16914	0.54486	0.924254	-1.08195	0.335859	0.880245	-1.13605	0.121221	0.805757	-1.24107	0.870565	1.02118	1.02118
cg02024077	CNTNAP2	0.0657615	0.992233	1.0006	1.0006	0.879215	0.99074	-1.00935	0.083037	0.889223	-1.12458	0.015315	1.19975	1.19975	0.109047	1.11283	1.11283
cg27517281	PKD1;PKD1	0.0657627	0.353492	0.806859	-1.23937	0.161776	1.39914	1.39914	0.284431	0.778828	-1.28398	0.347913	1.24266	1.24266	0.0571891	0.616507	-1.62204
cg26278103	GPR37	0.0657629	0.106799	4.15403	4.15403	0.139599	3.61734	3.61734	0.67917	1.39986	1.39986	0.27435	2.50905	2.50905	0.943071	1.05946	1.05946
cg06518222	KIAA1191;KIAA1191;KIAA1191	0.0657643	0.0837677	0.801998	-1.24689	0.0977053	1.23306	1.23306	0.152637	1.19319	1.19319	0.0660333	0.788382	-1.26842	0.198515	1.16961	1.16961
cg17453456	LMNA;LMNA;LMNA	0.0657681	0.756382	0.901946	-1.10871	0.13209	1.71428	1.71428	0.442042	1.29687	1.29687	0.636926	0.854131	-1.17078	0.0932081	0.542048	-1.84486
cg27110129	LOC285550	0.0657713	0.435802	0.879107	-1.13752	0.0495672	1.43776	1.43776	0.560513	1.10008	1.10008	0.441035	1.13579	1.13579	0.202725	0.804178	-1.24351
cg04380955	ABCA6	0.0657727	0.586551	1.27534	1.27534	0.115628	0.46883	-2.13297	0.0774875	0.4193	-2.38493	0.319593	0.634107	-1.57702	0.0176873	0.278634	-3.58894
cg18068637	SLIT3	0.0657727	0.117037	1.36173	1.36173	0.280216	1.22575	1.22575	0.986104	1.00316	1.00316	0.184737	0.774846	-1.29058	0.518748	0.88814	-1.12595
cg02154531	NHSL2	0.0657727	0.103046	2.11938	2.11938	0.0390305	0.365625	-2.73504	0.0432732	0.375633	-2.66217	0.14271	0.515015	-1.94169	0.0411498	0.370721	-2.69745
cg07067241	TRPC1	0.0657743	0.29333	1.3346	1.3346	0.61991	1.14154	1.14154	0.118366	1.56661	1.56661	0.566633	1.16575	1.16575	0.873806	1.04298	1.04298
cg08447322	SLC27A1	0.0657757	0.562939	1.13088	1.13088	0.320995	1.24065	1.24065	0.186661	1.34231	1.34231	0.105927	0.689777	-1.44974	0.00987966	0.503784	-1.98498
cg06057569	BRD1	0.0657759	0.206249	0.484992	-2.06189	0.476486	1.48132	1.48132	0.188578	2.12996	2.12996	0.333041	0.581602	-1.71939	0.39482	0.623114	-1.60484
cg16844539	CUL3	0.0657771	0.017225	0.371165	-2.69422	0.0331292	0.427115	-2.34129	0.0179509	0.374503	-2.6702	0.616112	0.84144	-1.18844	0.44064	0.764474	-1.30809
cg05166820	HMGCLL1;HMGCLL1	0.065779	0.15488	0.570411	-1.75312	0.324883	1.45481	1.45481	0.686192	1.16158	1.16158	0.83106	1.08197	1.08197	0.0764745	0.48351	-2.06821
cg16984335	CYP27B1	0.0657798	0.239547	0.568393	-1.75935	0.0616817	2.62587	2.62587	0.00431091	5.75815	5.75815	0.303745	0.61348	-1.63004	0.932955	0.962139	-1.03935
cg01053196	PHF15	0.0657806	0.249562	1.25856	1.25856	0.00483389	2.04274	2.04274	0.154594	1.338	1.338	0.00647281	1.96698	1.96698	0.849862	1.03688	1.03688
cg19605788	CNTD2	0.0657808	0.0932313	2.89169	2.89169	0.123953	0.383639	-2.60662	0.474272	1.51964	1.51964	0.0969209	2.85134	2.85134	0.332544	1.77685	1.77685
cg01962146	IDUA	0.065781	0.107933	1.92838	1.92838	0.701847	0.865884	-1.15489	0.287942	0.661639	-1.5114	0.63462	1.1963	1.1963	0.039243	0.409392	-2.44265
cg19879189	TNXB	0.0657832	0.0811405	0.512219	-1.95229	0.0714804	0.498378	-2.00651	0.0160147	0.360561	-2.77346	0.523642	0.799624	-1.25059	0.134106	0.571807	-1.74884
cg00826610	DCAF10	0.0657832	0.61055	1.06165	1.06165	0.0181012	1.39699	1.39699	0.0303054	1.34525	1.34525	0.65073	1.05452	1.05452	0.61809	1.06029	1.06029
cg19500192	PIK3C3	0.0657853	?	?	?	0.00218946	0.0360148	-27.7663	0.587688	1.52734	1.52734	0.816554	1.19695	1.19695	0.286645	2.35379	2.35379
cg25099807	C14orf126	0.0657863	0.583507	1.18847	1.18847	0.812806	1.07678	1.07678	0.0279164	2.24816	2.24816	0.240613	1.46685	1.46685	0.822466	1.0726	1.0726
cg09632163	ABCA3	0.0657868	0.0458714	1.41404	1.41404	0.610682	0.92522	-1.08082	0.22129	0.823139	-1.21486	0.169466	1.24803	1.24803	0.55838	0.9143	-1.09373
cg26757229	BIRC3;BIRC3	0.0657893	0.141105	2.18168	2.18168	0.0371389	0.303427	-3.29569	0.600542	0.770746	-1.29744	0.456944	0.688405	-1.45263	0.919657	1.05098	1.05098
cg07256113	EBF1	0.0657902	0.779511	0.956336	-1.04566	0.751572	1.05182	1.05182	0.630026	1.08027	1.08027	0.8111	1.03882	1.03882	0.774221	0.955279	-1.04681
cg24959938	ADNP2	0.0657904	0.136852	1.78957	1.78957	0.047928	2.2733	2.2733	0.721767	1.13866	1.13866	0.14459	1.76665	1.76665	0.103631	1.90858	1.90858
cg12579676	YIPF1	0.0657908	0.148148	0.749721	-1.33383	0.484605	0.876445	-1.14097	0.0409311	0.645262	-1.54976	0.854064	1.03478	1.03478	0.801484	0.954297	-1.04789

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18892517	0.437175	2.55205	2.55205	0.674514	0.60697	-1.64753	0.00362867	104.86	104.86	0.0823229	9.72775	9.72775	3.04841	67.4603	19.6708	1
cg21908344	0.717346	0.882341	-1.13335	0.0754213	0.505843	-1.9769	0.547655	0.810987	-1.23307	0.437231	0.761189	-1.31373	3.04839	5.72395	1.66906	1
cg09822923	0.30628	0.859496	-1.16347	0.15018	1.24668	1.24668	0.203808	0.825539	-1.21133	0.0897326	0.765379	-1.30654	3.04837	0.986501	0.287659	1
cg23903076	0.0545263	0.532559	-1.87773	0.00917403	0.384542	-2.60049	0.788425	1.08079	1.08079	0.400095	0.77973	-1.2825	3.04835	4.02822	1.17462	1
cg26015973	0.72709	0.916492	-1.09112	0.00259982	0.354037	-2.82456	0.0251569	0.515428	-1.94013	0.226898	0.729242	-1.37129	3.04828	2.99041	0.872013	1
cg04850211	0.3282	1.51657	1.51657	0.903491	1.05133	1.05133	0.0640986	2.35985	2.35985	0.020757	3.15428	3.15428	3.04827	8.22057	2.39715	1
cg21559943	0.285817	1.44951	1.44951	0.00780905	0.318673	-3.13801	0.176945	0.618392	-1.6171	0.479126	1.27245	1.27245	3.04827	5.41438	1.57886	1
cg26556065	0.037268	2.45484	2.45484	0.00662473	3.70316	3.70316	0.0845345	2.03144	2.03144	0.61855	0.829893	-1.20497	3.04826	6.66161	1.94256	1
cg07805833	0.046188	0.715371	-1.39788	0.83116	0.969176	-1.0318	0.497679	1.10623	1.10623	0.23683	1.1993	1.1993	3.04825	1.03803	0.302695	1
cg13984756	0.258161	1.26159	1.26159	0.0223403	1.71454	1.71454	0.314179	0.814652	-1.22752	0.121241	1.39221	1.39221	3.04816	1.87246	0.546036	1
cg08496521	0.0531117	0.486559	-2.05525	0.301545	1.42033	1.42033	0.00295288	0.262402	-3.81095	0.579668	0.832435	-1.20129	3.04814	5.18784	1.51286	1
cg08264805	0.10081	6.60367	6.60367	0.0773576	7.86349	7.86349	0.491284	2.08388	2.08388	0.106383	6.3719	6.3719	3.04809	53.252	15.5294	1
cg09234161	0.289792	1.31091	1.31091	0.461547	1.20285	1.20285	0.00369625	0.380356	-2.62911	0.340262	0.784929	-1.274	3.04809	2.93083	0.854695	1
cg02010524	0.173615	0.826545	-1.20986	0.211803	0.841071	-1.18896	0.964047	1.00595	1.00595	0.195082	1.19762	1.19762	3.04808	0.835879	0.243761	1
cg26475097	0.0147583	1.73255	1.73255	0.613233	0.910868	-1.09785	0.58107	0.902952	-1.10748	0.596226	1.1029	1.1029	3.04804	1.6195	0.472289	1
cg18296405	0.0291212	1.94257	1.94257	0.267163	1.34786	1.34786	0.124333	1.53682	1.53682	0.205565	1.41179	1.41179	3.04799	3.2191	0.938789	1
cg23704689	0.00619552	0.523265	-1.91108	0.0514015	0.668685	-1.49547	0.271781	0.812548	-1.2307	0.132776	1.3422	1.3422	3.04798	1.58939	0.463517	1
cg24319143	0.288039	0.697561	-1.43357	0.0459439	0.473806	-2.11057	0.137643	1.68548	1.68548	0.359042	0.734958	-1.36062	3.04797	5.14682	1.50098	1
cg04109655	0.442088	1.27537	1.27537	0.0357166	0.468384	-2.135	0.128884	1.66407	1.66407	0.206579	0.661397	-1.51195	3.04795	4.64883	1.35576	1
cg09717809	0.507794	1.88412	1.88412	0.494797	1.92244	1.92244	0.118827	4.93393	4.93393	0.386845	0.433311	-2.30781	3.04792	42.908	12.5136	1
cg14359531	0.496602	0.601403	-1.66278	0.00369917	0.0555969	-17.9866	0.172141	0.342797	-2.91718	0.106605	0.273094	-3.66175	3.04778	26.1949	7.63979	1
cg10622023	0.840523	0.91527	-1.09257	0.818083	0.903713	-1.10655	0.16914	1.90355	1.90355	0.94861	0.972073	-1.02873	3.04777	9.32101	2.71849	1
cg06886374	0.139769	0.588341	-1.6997	0.0155691	0.371462	-2.69207	0.262313	1.47726	1.47726	0.559026	1.21805	1.21805	3.04772	5.37955	1.56898	1
cg07854662	0.407003	1.20457	1.20457	0.00856963	2.08719	2.08719	0.724036	1.08089	1.08089	0.537843	1.14669	1.14669	3.04771	2.324	0.677812	1
cg02669193	0.116912	0.293218	-3.41043	0.0165764	0.121503	-8.23022	0.035246	0.170959	-5.84934	0.358322	0.506442	-1.97456	3.04771	25.041	7.30339	1
cg09958560	0.124431	0.259605	-3.85201	0.0157598	0.0908555	-11.0065	0.130192	0.265775	-3.76258	0.0638605	0.184769	-5.41216	3.04771	31.7217	9.25188	1
cg12256469	0.566607	0.802327	-1.24637	0.04106	0.408075	-2.45053	0.18009	0.582016	-1.71816	0.50994	1.28934	1.28934	3.04771	6.97773	2.03511	1
cg04527761	0.15634	0.48832	-2.04784	0.00555523	0.178694	-5.59616	0.008281	0.202731	-4.93264	0.212313	0.537406	-1.86079	3.04758	10.7854	3.14579	1
cg19048010	0.0726834	0.508545	-1.9664	0.172864	1.63207	1.63207	0.154281	1.67359	1.67359	0.0606323	0.489524	-2.0428	3.04756	5.5042	1.60542	1
cg09776910	0.19926	0.666021	-1.50145	0.914431	0.968305	-1.03273	0.249669	1.43407	1.43407	0.290273	0.719724	-1.38942	3.04756	4.33412	1.26414	1
cg22386492	0.273086	1.53125	1.53125	0.00635083	3.77017	3.77017	0.0241552	2.72993	2.72993	0.220464	1.61805	1.61805	3.04752	6.73506	1.96445	1
cg17971065	0.932639	1.02258	1.02258	0.141572	1.51804	1.51804	0.605205	1.14764	1.14764	0.666473	0.891806	-1.12132	3.04751	3.36595	0.981771	1
cg06334667	0.00454855	0.28086	-3.5605	0.421088	0.75869	-1.31806	0.375062	1.35785	1.35785	0.124439	0.571811	-1.74883	3.04748	5.44905	1.58938	1
cg05320089	0.147357	0.768119	-1.30188	0.782699	1.04803	1.04803	0.161449	0.775901	-1.28882	0.0258276	0.638236	-1.56682	3.04746	1.38959	0.405319	1
cg13861948	0.551528	1.30818	1.30818	0.555469	0.766503	-1.30463	0.724695	0.854125	-1.17079	0.424218	0.694942	-1.43897	3.04745	9.59684	2.79923	1
cg15406425	0.0313113	0.70726	-1.41391	0.0183442	0.675419	-1.48056	0.434109	0.896343	-1.11564	0.119517	0.793247	-1.26064	3.04742	0.907353	0.264662	1
cg22126136	0.926359	1.04129	1.04129	0.169509	1.89729	1.89729	0.648167	1.22268	1.22268	0.818892	0.904507	-1.10558	3.0474	9.24283	2.69601	1
cg19508701	0.220913	0.591491	-1.69064	0.0213022	3.09354	3.09354	0.00843349	0.253423	-3.94598	0.435197	1.38386	1.38386	3.04735	8.03636	2.34415	1
cg03237412	0.87967	0.967641	-1.03344	0.0601999	0.631109	-1.58451	0.624029	1.11323	1.11323	0.443092	1.18466	1.18466	3.04732	2.27554	0.663766	1
cg03934354	0.0609093	0.418568	-2.3891	0.0183459	0.307299	-3.25416	0.164974	0.542983	-1.84168	0.108779	0.486207	-2.05674	3.04732	8.20331	2.39287	1
cg01382804	0.128187	0.322368	-3.10204	0.00254957	0.0560428	-17.8435	0.289455	0.469116	-2.13167	0.0797505	0.262233	-3.8134	3.04729	22.8699	6.67111	1
cg04495969	0.0770006	1.31708	1.31708	0.757582	1.04432	1.04432	0.685524	0.944575	-1.05868	0.326953	1.15228	1.15228	3.04728	0.946792	0.276179	1
cg24835159	0.700003	1.27893	1.27893	0.459778	0.619871	-1.61324	0.189931	2.41611	2.41611	0.357513	1.82444	1.82444	3.04727	19.4863	5.68417	1
cg01376469	0.243495	0.605905	-1.65042	0.0944323	0.470104	-2.12719	0.681822	1.18441	1.18441	0.0123467	0.278307	-3.59315	3.04725	8.13512	2.37303	1
cg25743719	0.0131656	0.58036	-1.72307	0.236823	0.803008	-1.24532	0.266511	0.814709	-1.22743	0.177745	0.776067	-1.28855	3.04723	1.51213	0.441094	1
cg01450719	0.382205	0.852976	-1.17237	0.0204172	0.609058	-1.64188	0.020576	1.64046	1.64046	0.712465	0.936425	-1.06789	3.04721	1.51961	0.44328	1
cg17280673	0.920139	1.03116	1.03116	0.116702	1.68461	1.68461	0.711923	1.12018	1.12018	0.843427	0.941286	-1.06238	3.04717	4.51833	1.31804	1
cg22067676	0.0153521	0.538812	-1.85594	0.451731	1.17275	1.17275	0.941008	0.984736	-1.0155	0.861096	0.964254	-1.03707	3.04716	2.08462	0.608106	1
cg00205905	0.146008	0.619448	-1.61434	0.331402	0.735269	-1.36005	0.34213	0.740557	-1.35034	0.351538	1.34206	1.34206	3.04716	4.54439	1.32565	1
cg04964031	0.0369413	4.43159	4.43159	0.241715	0.471005	-2.12312	0.016767	6.0107	6.0107	0.055996	3.78109	3.78109	3.04715	18.2177	5.3143	1
cg15474769	0.0199296	3.86293	3.86293	0.288753	1.69845	1.69845	0.14233	2.13539	2.13539	0.312969	1.65204	1.65204	3.04715	11.1657	3.25718	1
cg01173650	0.0546091	0.293147	-3.41126	0.256658	0.513589	-1.94708	0.273746	0.526766	-1.89838	0.200011	0.466766	-2.1424	3.04714	15.2861	4.45916	1
cg22578966	0.00612302	0.320066	-3.12436	0.105798	0.569706	-1.75529	0.756832	1.10397	1.10397	0.0389876	0.467203	-2.1404	3.04711	4.89439	1.42777	1
cg03528538	0.0576924	0.300547	-3.32727	0.0340892	0.250255	-3.99593	0.0199716	0.207422	-4.82108	0.0615371	0.307374	-3.25336	3.0471	15.1414	4.41699	1
cg18482326	0.980454	1.00605	1.00605	0.855491	1.0459	1.0459	0.210531	0.722676	-1.38375	0.535015	0.856708	-1.16726	3.04706	2.92445	0.853121	1
cg20050093	0.166961	2.40676	2.40676	0.0131	6.26049	6.26049	0.0197703	5.35381	5.35381	0.0183234	5.5096	5.5096	3.04704	17.1477	5.00236	1
cg07575407	0.214255	0.336824	-2.96891	0.046113	0.149283	-6.6987	0.0560201	0.165078	-6.05774	0.0392862	0.137416	-7.27717	3.04695	33.4233	9.75061	1
cg08060645	0.226768	0.469805	-2.12854	0.0140864	0.164649	-6.07352	0.813994	0.8691	-1.15062	0.0807394	0.315726	-3.1673	3.04695	17.0995	4.98845	1
cg19690410	0.751597	0.775141	-1.29009	0.181518	0.320571	-3.11944	0.695197	0.729176	-1.37141	0.0534738	0.172168	-5.80828	3.04684	31.0455	9.05723	1
cg21698385	0.205804	1.57117	1.57117	0.0116778	2.90606	2.90606	0.0445488	2.18342	2.18342	0.0731441	1.96705	1.96705	3.04681	5.52998	1.61334	1
cg12781794	0.980788	1.0098	1.0098	0.0428698	2.57071	2.57071	0.00387427	4.83598	4.83598	0.108119	2.03435	2.03435	3.04681	7.91986	2.31057	1
cg14844138	0.0715388	0.625221	-1.59944	0.106134	1.50963	1.50963	0.338673	1.25883	1.25883	0.090659	0.647227	-1.54505	3.04679	2.62844	0.766835	1
cg13848905	0.758681	1.21586	1.21586	0.332133	0.530139	-1.8863	0.0217293	5.73997	5.73997	0.0526796	4.04343	4.04343	3.04679	19.4132	5.66372	1
cg26820378	0.691458	0.858871	-1.16432	0.111614	0.51641	-1.93644	0.963038	0.982482	-1.01783	0.0401045	0.404688	-2.47104	3.04677	7.01853	2.04764	1
cg06625916	0.71866	1.0656	1.0656	0.00215331	2.13125	2.13125	0.51179	1.12397	1.12397	0.388116	0.856107	-1.16808	3.04675	1.48856	0.434287	1
cg19619320	0.117708	0.37606	-2.65915	0.0316765	0.234582	-4.26289	0.320377	0.553752	-1.80586	0.763273	0.840398	-1.18991	3.04672	15.9891	4.66486	1
cg13140564	0.10615	0.559786	-1.7864	0.0121288	0.357692	-2.7957	0.490294	0.794219	-1.2591	0.20936	1.54503	1.54503	3.0467	5.2165	1.52194	1
cg10426370	0.457092	0.704722	-1.419	0.00796424	0.195556	-5.11362	0.315072	1.61796	1.61796	0.838415	0.910183	-1.09868	3.2804	10.8	2.56067	1
cg23046386	0.531775	1.17835	1.17835	0.0828772	0.607988	-1.64477	0.214294	1.40323	1.40323	0.146974	0.668112	-1.49676	3.04669	3.23972	0.945207	1
cg23747967	0.131215	0.598976	-1.66951	0.0945479	0.561024	-1.78246	0.277864	1.42607	1.42607	0.413026	0.768572	-1.30111	3.04666	4.77335	1.39267	1
cg25676335	0.127851	1.82131	1.82131	0.00257263	4.5825	4.5825	0.0415702	2.3532	2.3532	0.153977	1.74344	1.74344	3.04662	6.40032	1.86737	1
cg05711445	0.69041	0.79001	-1.26581	0.435822	0.626207	-1.59692	0.249837	2.03001	2.03001	0.972059	0.979591	-1.02083	3.04661	16.7253	4.87981	1
cg22511321	0.139957	0.450058	-2.22194	0.0807893	0.377767	-2.64713	0.940052	1.03854	1.03854	0.0781548	0.37385	-2.67487	3.0466	12.1953	3.55814	1
cg03079549	0.188723	0.814733	-1.2274	0.0443242	0.708719	-1.411	0.193248	1.22451	1.22451	0.0959382	1.31072	1.31072	3.28024	1.08159	0.256456	1
cg14941654	0.383982	1.20212	1.20212	0.0773171	1.49928	1.49928	0.378919	0.830143	-1.20461	0.697537	0.922617	-1.08387	3.04656	2.05197	0.5987	1
cg18257955	0.0848984	0.14127	-7.07865	0.044873	0.0939659	-10.6422	0.0974695	0.154441	-6.47497	0.183208	0.234428	-4.26569	3.04656	50.9097	14.8538	1
cg26045434	0.146591	1.26274	1.26274	0.152623	0.795035	-1.25781	0.0388004	0.698922	-1.43078	0.0674281	0.735794	-1.35908	3.04654	1.08159	0.315575	1
cg05249479	0.39902	1.26772	1.26772	0.138953	1.54895	1.54895	0.281676	1.35987	1.35987	0.0421226	0.525551	-1.90276	3.04654	3.64202	1.06263	1
cg03631743	0.215252	0.648517	-1.54198	0.713623	0.884817	-1.13018	0.313476	1.41356	1.41356	0.403346	0.752834	-1.32831	3.04653	5.31828	1.55172	1
cg03529555	0.34747	1.27733	1.27733	0.132343	0.66303	-1.50823	0.393749	0.801683	-1.24738	0.906883	1.03005	1.03005	3.04653	3.08916	0.901329	1
cg12848639	0.013525	0.241476	-4.1412	0.00740954	0.201142	-4.97161	0.502757	0.728923	-1.37189	0.055182	0.364001	-2.74725	3.04652	10.4281	3.04264	1
cg15388462	0.131358	0.620323	-1.61206	0.00809862	0.370084	-2.70209	0.888406	1.04202	1.04202	0.549973	0.837514	-1.19401	3.04651	4.14671	1.2099	1
cg21482176	0.997097	1.00114	1.00114	0.0875337	1.80865	1.80865	0.094851	1.7802	1.7802	0.554558	0.828779	-1.20659	3.04645	4.76259	1.38962	1
cg14686949	0.784824	1.21421	1.21421	0.0418464	0.189488	-5.27739	0.0110295	0.104238	-9.5934	0.0819121	0.254851	-3.92386	3.04644	24.2652	7.08011	1
cg01582396	0.323194	1.57455	1.57455	0.218886	1.77764	1.77764	0.0801077	2.37223	2.37223	0.513421	0.744639	-1.34293	3.04642	9.54978	2.78645	1
cg22455090	0.0254857	0.656255	-1.5238	0.0937819	0.746489	-1.3396	0.579816	0.915095	-1.09278	0.478823	0.892052	-1.12101	3.04639	1.21451	0.354376	1
cg25981124	0.0199898	0.429579	-2.32786	?	?	?	0.0132913	0.397235	-2.5174	0.764156	0.913427	-1.09478	3.08726	3.93625	1.275	1
cg04548815	0.0126747	0.269266	-3.71381	0.292474	0.629709	-1.58804	0.868071	1.07294	1.07294	0.979852	1.01075	1.01075	3.04634	8.65187	2.52452	1
cg08941457	0.106797	4.73749	4.73749	0.27726	2.7135	2.7135	0.0113103	16.4816	16.4816	0.0341076	8.88626	8.88626	3.04632	37.6536	10.987	1
cg01952234	0.82543	0.951774	-1.05067	0.0468104	0.600938	-1.66406	0.165478	1.39234	1.39234	0.50449	1.16363	1.16363	3.04631	2.41553	0.704831	1
cg17142870	0.206123	0.519582	-1.92462	0.00232476	0.123956	-8.06736	0.298546	0.589193	-1.69724	0.269276	0.568462	-1.75913	3.0463	11.6286	3.39313	1
cg05951219	0.495406	1.14284	1.14284	0.401521	1.18012	1.18012	0.15353	0.744723	-1.34278	0.164362	0.751138	-1.33131	3.0463	1.79487	0.523729	1
cg12235622	0.754406	1.15338	1.15338	0.0135965	0.249492	-4.00814	0.243265	0.573954	-1.7423	0.103934	0.445541	-2.24446	3.04624	9.97549	2.91084	1
cg00907884	0.102423	1.16297	1.16297	0.186331	0.888381	-1.12564	0.200836	0.892139	-1.1209	0.491038	1.06087	1.06087	3.04616	0.344292	0.100467	1
cg25261059	0.396926	0.928705	-1.07677	0.126505	0.868537	-1.15136	0.0869384	1.17491	1.17491	0.404724	0.929886	-1.0754	3.04615	0.350755	0.102353	1
cg19092620	0.0124412	0.429407	-2.32879	0.0617454	0.564492	-1.7715	0.585923	1.16125	1.16125	0.95989	0.986425	-1.01376	3.04614	3.56363	1.0399	1
cg18797132	0.0527238	0.417896	-2.39294	0.110561	0.502102	-1.99163	0.873199	1.06533	1.06533	0.0124108	0.291414	-3.43155	3.04614	7.57377	2.21009	1
cg06485521	0.0859865	2.25002	2.25002	0.0734645	2.3467	2.3467	0.0224901	3.21645	3.21645	0.0389866	2.77694	2.77694	3.04611	8.81334	2.57183	1
cg23876292	0.185977	0.494896	-2.02063	0.00635126	0.168287	-5.94223	0.97505	1.01581	1.01581	0.0872504	0.387851	-2.57831	3.04609	12.1391	3.54233	1
cg24757747	0.38501	0.701336	-1.42585	0.217234	0.596235	-1.67719	0.636023	1.20913	1.20913	0.952279	0.976443	-1.02413	3.08694	6.8953	2.2337	1
cg20977864	0.875557	1.04417	1.04417	0.0175931	0.450794	-2.21831	0.600124	0.864245	-1.15708	0.858889	0.9521	-1.05031	3.04607	3.67029	1.07104	1
cg00038233	0.887463	1.03383	1.03383	0.0273994	1.84629	1.84629	0.766599	0.932444	-1.07245	0.743423	0.925722	-1.08024	3.04606	2.66383	0.777347	1
cg07416975	0.0150475	0.489925	-2.04113	0.201845	0.724847	-1.3796	0.509665	0.852396	-1.17316	0.686677	1.10167	1.10167	3.04604	2.75046	0.802631	1
cg26050838	0.104668	1.47134	1.47134	0.233645	0.761934	-1.31245	0.155213	0.718062	-1.39264	0.162807	0.72295	-1.38322	3.04604	2.28732	0.667483	1
cg08887327	0.830837	1.10108	1.10108	0.42683	0.694074	-1.44077	0.363564	0.656872	-1.52237	0.957389	1.02434	1.02434	3.04602	9.77258	2.85183	1
cg01781446	0.445239	0.744287	-1.34357	0.749485	1.12928	1.12928	0.314936	0.674106	-1.48345	0.47989	1.31332	1.31332	3.04601	6.94821	2.02763	1
cg06860598	0.230471	0.673692	-1.48436	0.0667216	1.90683	1.90683	0.357358	0.742897	-1.34608	0.135844	1.65638	1.65638	3.04601	4.75552	1.38776	1
cg09261111	0.0579051	0.483288	-2.06916	0.0728113	0.507235	-1.97147	0.931224	1.02971	1.02971	0.042367	0.452507	-2.20991	3.04599	5.54949	1.61947	1
cg00630245	0.111812	0.800449	-1.2493	0.0057029	1.59357	1.59357	0.983074	1.00273	1.00273	0.164878	0.826594	-1.20978	3.04597	0.797025	0.232591	1
cg02024077	0.534103	0.96221	-1.03927	0.273622	1.07218	1.07218	0.0813426	0.888521	-1.12547	0.170544	0.914586	-1.09339	3.04591	0.180539	0.0526866	1
cg27517281	0.274097	0.774273	-1.29153	0.0356373	0.577101	-1.7328	0.071702	1.57152	1.57152	0.0935232	0.660571	-1.51384	3.04589	2.4378	0.711429	1
cg26278103	0.078399	4.86121	4.86121	0.00441721	21.6079	21.6079	0.0282851	8.12059	8.12059	0.0658541	5.30818	5.30818	3.04589	31.5555	9.20891	1
cg06518222	0.962901	0.994651	-1.00538	0.0536445	0.776727	-1.28745	0.16565	0.843262	-1.18587	0.333251	1.12196	1.12196	3.04586	0.641305	0.187155	1
cg17453456	0.0917871	0.540314	-1.85078	0.0404326	0.456144	-2.19229	0.0881571	1.8664	1.8664	0.0524675	0.481289	-2.07775	3.04579	5.30509	1.54825	1
cg27110129	0.0709991	0.721171	-1.38663	0.0281601	0.656973	-1.52213	0.381196	0.864539	-1.15669	0.0927599	1.34954	1.34954	3.04573	1.26688	0.369736	1
cg04380955	0.0832897	0.427773	-2.33769	0.00647849	0.208549	-4.79504	0.459698	0.716479	-1.39571	0.212888	0.55932	-1.78789	3.04571	9.46225	2.76156	1
cg18068637	0.0140501	1.73298	1.73298	0.0746278	1.43351	1.43351	0.0262796	1.61274	1.61274	0.71143	0.934838	-1.0697	3.0457	1.58622	0.462937	1
cg02154531	0.399755	1.43772	1.43772	0.298978	1.57364	1.57364	0.372925	0.680277	-1.46999	0.993249	1.00357	1.00357	3.0457	8.55676	2.49729	1
cg07067241	0.0148872	0.452478	-2.21005	0.0349288	1.91709	1.91709	0.0610256	1.74895	1.74895	0.219143	1.408	1.408	3.04568	3.3817	0.986958	1
cg08447322	0.05832	1.56822	1.56822	0.619963	0.900206	-1.11086	0.447783	1.17669	1.17669	0.40144	1.19794	1.19794	3.04565	2.13339	0.622642	1
cg06057569	0.316929	0.570331	-1.75337	0.0209191	0.221278	-4.51921	0.00890973	0.164274	-6.08737	0.126466	0.407674	-2.45294	3.04565	14.2101	4.14731	1
cg16844539	0.536228	0.80742	-1.23851	0.223312	1.54803	1.54803	?	?	?	0.461078	0.77393	-1.29211	3.08648	5.0681	1.64203	1
cg05166820	0.936068	1.03002	1.03002	0.0567703	0.451538	-2.21465	0.00892146	3.41032	3.41032	0.838574	0.927542	-1.07812	3.04559	6.55885	1.91427	1
cg16984335	0.549465	1.32024	1.32024	0.340729	0.637396	-1.56888	0.277532	1.67869	1.67869	0.790419	1.12996	1.12996	3.04557	10.1494	2.96223	1
cg01053196	0.434056	1.16479	1.16479	0.312369	1.22105	1.22105	0.726223	1.06949	1.06949	0.609647	1.10341	1.10341	3.04556	1.76159	0.514144	1
cg19605788	0.0271667	4.4981	4.4981	0.234633	2.04705	2.04705	0.0127598	5.92545	5.92545	0.137144	2.51117	2.51117	3.04556	15.9507	4.65544	1
cg01962146	0.0467618	2.34508	2.34508	0.143913	0.55555	-1.80002	0.0466677	2.34618	2.34618	0.709891	1.15015	1.15015	3.04555	6.76047	1.97314	1
cg19879189	0.0949258	0.529971	-1.88689	0.0179187	0.369587	-2.70572	0.0405214	0.441114	-2.26699	0.0394112	0.438487	-2.28057	3.04551	5.77375	1.68518	1
cg00826610	0.653265	1.05408	1.05408	0.42728	0.909918	-1.099	0.120462	1.21672	1.21672	0.008069	1.48467	1.48467	3.04551	0.65428	0.190964	1
cg19500192	0.443884	1.82926	1.82926	0.82583	0.843239	-1.1859	0.442222	0.545416	-1.83346	0.900487	0.90775	-1.10162	3.08633	26.0068	8.42644	1
cg25099807	0.00715176	0.338533	-2.95392	0.278722	0.703825	-1.42081	0.876453	1.04971	1.04971	0.296331	0.713421	-1.4017	3.04545	4.69068	1.36909	1
cg09632163	0.455554	1.12193	1.12193	0.00524095	1.74625	1.74625	0.62142	0.927413	-1.07827	0.239918	1.20476	1.20476	3.04545	1.10533	0.322618	1
cg26757229	0.542458	0.737951	-1.3551	0.00528079	6.12536	6.12536	0.811471	0.888898	-1.12499	0.903663	0.942068	-1.06149	3.0454	11.7161	3.4197	1
cg07256113	0.30835	0.845588	-1.18261	0.0026005	0.514972	-1.94185	0.50116	1.11472	1.11472	0.0765788	1.368	1.368	3.04538	1.22049	0.356237	1
cg24959938	0.321068	1.45108	1.45108	0.00285881	4.4393	4.4393	0.302564	1.4738	1.4738	0.0520937	2.23097	2.23097	3.04538	6.36112	1.85669	1
cg12579676	0.0142132	0.570269	-1.75356	0.453905	0.867918	-1.15218	0.0776483	1.4393	1.4393	0.149176	1.33272	1.33272	3.04537	1.663	0.485401	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)
cg27248029	SLC39A11;SLC39A11	0.0657914	0.0965222	0.486013	-2.05756	0.0145124	0.303986	-3.28963	0.0940441	0.482875	-2.07093	0.546356	0.785529	-1.27303
cg15072619	SLC39A12;SLC39A12	0.0657915	0.36632	0.658993	-1.51747	0.00508888	0.189428	-5.27906	0.0638217	0.392127	-2.5502	0.701798	0.841245	-1.18871
cg03149245	GALNT9	0.0657927	0.0639384	0.327302	-3.05528	0.469614	0.673956	-1.48378	0.170034	2.18992	2.18992	0.13193	0.41804	-2.39211
cg09255142	GLIS1	0.0657935	0.0978775	0.62684	-1.5953	0.0170661	2.11267	2.11267	0.172942	1.45212	1.45212	0.20747	1.40762	1.40762
cg01021487	FAM184A;FAM184A	0.0657937	0.543468	1.27918	1.27918	0.577787	1.25248	1.25248	0.048802	0.406211	-2.46177	0.259704	1.60117	1.60117
cg03915846	ERP29;ERP29;TMEM116	0.0657952	?	?	?	0.391339	2.04989	2.04989	0.0307959	7.9486	7.9486	0.230272	0.35749	-2.79728
cg03885684	EPB41L5	0.0657954	0.521562	0.832513	-1.20118	0.00782058	2.62023	2.62023	0.0193078	2.22202	2.22202	0.128422	1.58993	1.58993
cg04279801	RNF112	0.0657956	0.0385355	1.93733	1.93733	0.470122	0.816492	-1.22475	0.00662242	2.6445	2.6445	0.0453058	1.88432	1.88432
cg01636599	FGF22	0.0657959	0.0163913	0.153786	-6.50256	0.79066	1.18506	1.18506	0.946747	1.04355	1.04355	0.267122	0.478156	-2.09137
cg20441606	BAIAP2;BAIAP2;BAIAP2	0.0657967	0.0398009	2.75173	2.75173	0.0115031	3.84304	3.84304	0.128462	2.01335	2.01335	0.0791448	2.29366	2.29366
cg19005033	EXD3	0.0658016	0.131215	0.513788	-1.94633	0.0260568	0.339849	-2.94249	0.0315157	0.356768	-2.80294	0.0616329	2.36384	2.36384
cg03712708	CKS2	0.0658029	0.082962	0.832576	-1.20109	0.371279	0.916107	-1.09158	0.0334801	0.788898	-1.26759	0.0117638	0.740578	-1.3503
cg00495433	CACNA1H;CACNA1H	0.0658045	0.865747	1.04316	1.04316	0.0917814	0.629013	-1.58979	0.0768957	0.611834	-1.63443	0.83736	0.949964	-1.05267
cg03312958	IRX2;IRX2	0.0658053	0.302879	0.479348	-2.08617	0.324598	0.496138	-2.01557	0.223804	0.414546	-2.41228	0.707909	0.771572	-1.29606
cg07955793	CAPZA2	0.0658055	0.00907116	1.24253	1.24253	0.2048	0.916112	-1.09157	0.352654	1.06463	1.06463	0.136422	1.11079	1.11079
cg09478995	SLC43A1	0.0658061	0.224152	0.642821	-1.55564	0.0588232	2.09281	2.09281	0.998305	0.999265	-1.00074	0.796906	0.914622	-1.09335
cg17501380	COL6A3;COL6A3;COL6A3	0.0658067	0.0457787	0.263093	-3.80094	0.0183	0.188281	-5.31121	0.0260018	0.21422	-4.66809	0.163325	0.41997	-2.38112
cg20330315	SLC24A1	0.0658072	0.0886196	0.487858	-2.04977	0.335829	0.684402	-1.46113	0.147694	0.552385	-1.81033	0.136867	0.542105	-1.84466
cg08059402	ATP13A3;ATP13A3	0.0658098	0.144952	0.715041	-1.39852	0.279137	0.785767	-1.27264	0.20569	0.751223	-1.33116	0.925423	0.980139	-1.02026
cg16098608	XKR6	0.0658112	0.125554	0.764548	-1.30796	0.421102	0.87538	-1.14236	0.566874	0.910519	-1.09827	0.42605	0.876671	-1.14068
cg26570179	OSR2;OSR2	0.0658125	0.52113	1.19484	1.19484	0.485552	1.21407	1.21407	0.857084	1.05058	1.05058	0.531789	1.1893	1.1893
cg11758861	NFIX	0.0658133	0.494749	0.642326	-1.55684	0.0717799	3.60902	3.60902	0.078864	3.47611	3.47611	0.132619	2.81804	2.81804
cg10196412	NFIA;NFIA;NFIA;NFIA	0.0658149	0.999609	0.999882	-1.00012	0.00530231	2.41884	2.41884	0.00764025	2.28034	2.28034	0.437005	1.20997	1.20997
cg21919820	JAZF1	0.0658161	0.0926408	0.374506	-2.67018	0.0165601	0.211499	-4.72815	0.0138326	0.19897	-5.02589	0.19394	0.482171	-2.07395
cg13122491	DNAH17	0.0658164	0.317204	0.666049	-1.50139	0.0678406	2.2343	2.2343	0.918839	1.04087	1.04087	0.392942	1.41054	1.41054
cg04861259	CLCN5;CLCN5	0.065817	0.404558	1.36769	1.36769	0.040888	0.420436	-2.37848	0.197264	0.606264	-1.64945	0.0711068	0.47702	-2.09635
cg17380469	DHX16;DHX16	0.0658182	0.123016	0.714654	-1.39928	0.0483256	1.57405	1.57405	0.0802922	1.47715	1.47715	0.755266	0.939066	-1.06489
cg20946369	RASGEF1C	0.0658193	0.029063	0.372581	-2.68398	0.133471	1.86112	1.86112	0.16351	1.7695	1.7695	0.549009	0.792391	-1.262
cg27397757	GLIS1;GLIS1	0.0658194	0.0415678	0.166631	-6.00129	0.00654238	0.0675986	-14.7932	0.0311449	0.145296	-6.88252	0.377667	0.501413	-1.99436
cg25972499	TDRKH;TDRKH;TDRKH;TDRKH	0.0658198	0.0339993	0.619195	-1.615	0.0104943	0.535896	-1.86603	0.879077	0.970943	-1.02993	0.900621	1.02449	1.02449
cg24819686	DLC1;DLC1	0.0658205	0.0592976	0.800968	-1.24849	0.0202453	0.746898	-1.33887	0.396583	0.913485	-1.09471	0.484851	0.928681	-1.0768
cg27279545	KIAA0182;KIAA0182	0.0658213	0.236117	0.515048	-1.94157	0.0028235	9.00868	9.00868	0.329023	1.71325	1.71325	0.822607	0.886915	-1.1275
cg07384522	CDSN;CDSN;PSORS1C1	0.0658214	0.87291	0.912966	-1.09533	0.220902	0.480955	-2.07919	0.0575426	0.294737	-3.39286	0.998485	1.00108	1.00108
cg23439917	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0658221	0.0913961	0.68367	-1.46269	0.205629	1.31408	1.31408	0.608406	0.899685	-1.1115	0.907265	0.976444	-1.02412
cg02344238	FRMD8	0.0658272	0.642403	0.912919	-1.09539	0.696607	1.07933	1.07933	0.0034821	2.16516	2.16516	0.31122	1.22646	1.22646
cg03585263	PKN1	0.0658279	0.306597	3.17612	3.17612	0.0353938	14.5075	14.5075	0.0259564	17.9223	17.9223	0.189576	4.55914	4.55914
cg27431150	SNX20;SNX20;SNX20;SNX20;SNX20;SN 20	0.0658284	0.931343	0.962542	-1.03892	0.0310591	0.325815	-3.06922	0.0315391	0.327199	-3.05624	0.0170378	0.275594	-3.62853
cg26272443	SHKBP1	0.0658285	0.0849464	2.07997	2.07997	0.0271033	2.73416	2.73416	0.393772	0.714743	-1.3991	0.110939	1.94966	1.94966
cg10301588	TCIRG1;TCIRG1;TCIRG1	0.0658301	0.0460625	0.566965	-1.76378	0.250395	0.742194	-1.34736	0.161095	0.689663	-1.44998	0.0284918	0.526404	-1.89968
cg17412102	C1orf86	0.065832	0.0704976	0.543942	-1.83843	0.156809	0.633706	-1.57802	0.99963	0.99986	-1.00014	0.420229	1.28153	1.28153
cg11147786	TWIST1	0.0658321	0.304374	0.705646	-1.41714	0.838778	1.06905	1.06905	0.878556	0.951118	-1.05139	0.00212975	4.11548	4.11548
cg11151021	DYRK2;DYRK2	0.0658324	0.760474	0.937179	-1.06703	0.894119	1.02866	1.02866	0.0347149	1.68601	1.68601	0.310439	1.24944	1.24944
cg18568653	SERGEF	0.0658328	0.279676	0.855135	-1.16941	0.0260245	0.692219	-1.44463	0.204753	1.20482	1.20482	0.811353	0.967252	-1.03386
cg12870253	NCKAP5;NCKAP5	0.0658338	0.253322	0.676996	-1.47711	0.00683782	0.318075	-3.14391	0.0243751	0.415946	-2.40416	0.562236	0.825647	-1.21117
cg19979773	FCN3;FCN3	0.0658353	0.114593	0.693953	-1.44102	0.574393	0.886207	-1.12841	0.0925442	0.674279	-1.48307	0.0737928	0.654227	-1.52852
cg04679098	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.0658355	0.0654869	0.698259	-1.43213	0.723401	1.06368	1.06368	0.541082	1.11348	1.11348	0.0369562	0.656441	-1.52337
cg20957776	TPO;TPO;TPO;TPO	0.0658356	0.60024	1.21352	1.21352	0.272634	1.51873	1.51873	0.308425	0.679895	-1.47082	0.0679381	0.473195	-2.11329
cg08048720	C14orf73	0.0658366	0.0159604	0.317757	-3.14706	0.0420375	0.402402	-2.48508	0.00976109	0.28089	-3.56012	0.213533	0.601128	-1.66354
cg04391736	COG8;NIP7;NIP7	0.0658375	0.140305	1.40848	1.40848	0.355665	1.22768	1.22768	0.241445	0.767417	-1.30307	0.168206	0.728297	-1.37307
cg15557996	CPEB3	0.0658382	0.00855305	0.583111	-1.71494	0.662812	0.931889	-1.07309	0.53982	0.905021	-1.10495	0.0478668	0.695091	-1.43866
cg09199014	JAKMIP1	0.0658428	0.749063	0.769598	-1.29938	0.151744	0.285589	-3.50153	0.0491885	0.160068	-6.24736	0.798753	1.23181	1.23181
cg07205657	DNM3;DNM3	0.0658434	0.0626042	0.688366	-1.45272	0.214853	0.792396	-1.262	0.259056	0.810707	-1.23349	0.907077	1.02103	1.02103
cg12960201	DHCR7;DHCR7	0.0658447	0.0266773	0.517943	-1.93071	0.886954	0.964994	-1.03628	0.929827	0.978177	-1.02231	0.0688685	0.600467	-1.66537
cg07633506	JAK3	0.0658448	0.681257	0.887699	-1.12651	0.10906	0.604095	-1.65537	0.425062	0.790609	-1.26485	0.892568	1.03974	1.03974
cg07928641	LAMC1	0.0658464	0.0362501	0.469826	-2.12845	0.660481	1.14698	1.14698	0.262863	1.43642	1.43642	0.0244426	0.43528	-2.29737
cg21080452	GABBR1;GABBR1;GABBR1	0.0658471	0.359699	0.798453	-1.25242	0.0287432	1.85248	1.85248	0.138823	1.46348	1.46348	0.0829741	1.58219	1.58219
cg21231944	PPFIA2	0.0658477	0.245284	1.26015	1.26015	0.391511	0.846169	-1.1818	0.00308482	2.16108	2.16108	0.052698	1.5205	1.5205
cg09838217	GFPT2	0.0658487	0.130826	0.457356	-2.18648	0.0847015	0.4008	-2.49501	0.319285	1.63807	1.63807	0.740829	1.17252	1.17252
cg16526848	NARS	0.0658502	0.0384787	0.320779	-3.11741	0.129014	0.459382	-2.17684	0.391296	0.659347	-1.51665	0.841372	0.909352	-1.09968
cg22683624	GOLGA3	0.0658509	0.117572	0.769792	-1.29905	0.577813	0.917093	-1.0904	0.231665	0.824398	-1.21301	0.512177	0.902735	-1.10774
cg07131533	KCNN2	0.065851	0.663085	1.05612	1.05612	0.0725879	1.2834	1.2834	0.00713866	1.54152	1.54152	0.89747	0.984071	-1.01619
cg05190096	SHC2	0.0658535	0.795563	1.03337	1.03337	0.465596	1.09842	1.09842	0.314336	1.14058	1.14058	0.0457396	1.33581	1.33581
cg26050906	GRB10;GRB10;GRB10	0.0658551	0.00323576	0.307847	-3.24836	0.189813	0.66541	-1.50283	0.0285339	0.468607	-2.13399	0.943698	0.979496	-1.02093
cg20583930	PLCH1;PLCH1;PLCH1	0.0658567	0.962142	1.01545	1.01545	0.307765	0.710994	-1.40648	0.190831	1.56443	1.56443	0.0384668	2.17001	2.17001
cg08580015	MCPH1	0.0658577	0.894328	0.972513	-1.02826	0.504347	1.15268	1.15268	0.7405	0.93267	-1.07219	0.0823527	0.667925	-1.49718
cg17833476	TLX3	0.0658577	0.579638	0.732241	-1.36567	0.363283	1.68274	1.68274	0.186432	2.18183	2.18183	0.516007	1.44315	1.44315
cg03133821	TPO;TPO;TPO;TPO	0.0658584	0.250833	1.31582	1.31582	0.142341	0.69714	-1.43443	0.521848	1.16009	1.16009	0.0467017	0.593954	-1.68363
cg23013137	TSSK4	0.0658596	0.723111	0.86813	-1.1519	0.481021	1.3294	1.3294	0.913607	1.04408	1.04408	0.0379119	0.384116	-2.60338
cg04214566	HCG4	0.0658597	0.192953	0.729178	-1.37141	0.473206	0.846003	-1.18203	0.929845	1.02039	1.02039	0.0401354	0.580632	-1.72226
cg11630135	FBLN2;FBLN2;FBLN2	0.0658613	0.896125	0.904543	-1.10553	0.159852	3.16932	3.16932	0.0563731	5.25643	5.25643	0.74256	0.776343	-1.28809
cg03700669	SMPDL3B	0.065862	0.107578	0.410928	-2.43352	0.0690122	0.356862	-2.8022	0.0517829	0.326004	-3.06744	0.0653965	0.350856	-2.85017
cg25264948	C6orf27	0.065863	0.729938	0.893719	-1.11892	0.0724503	1.91539	1.91539	0.293301	1.42401	1.42401	0.786689	1.09193	1.09193
cg26239233	CIITA	0.0658643	0.0225806	0.149673	-6.68123	0.0248218	0.155992	-6.41057	0.0654187	0.237326	-4.21362	0.172283	0.364066	-2.74676
cg16072884	KIAA1462	0.0658647	0.793855	0.919974	-1.08699	0.0339008	2.20077	2.20077	0.188322	1.55891	1.55891	0.881063	1.04884	1.04884
cg05475280	VMA21	0.0658652	0.0131535	0.349152	-2.86408	0.0133789	0.350461	-2.85339	0.0776968	0.51116	-1.95633	0.301744	0.69338	-1.44221
cg12324283	MYO5C	0.0658668	0.0374663	0.321082	-3.11447	0.0892804	0.414088	-2.41494	0.391246	0.661431	-1.51187	0.0803426	0.401406	-2.49125
cg03503516	C22orf45;C22orf45;UPB1	0.06587	0.0811383	3.37675	3.37675	0.531945	1.48949	1.48949	0.75893	0.82389	-1.21375	0.459003	1.60722	1.60722
cg10814856	TACR1;TACR1	0.0658714	0.428525	1.14303	1.14303	0.83244	1.03566	1.03566	0.297837	1.19543	1.19543	0.459658	0.882919	-1.13261
cg13480898	C19orf66	0.0658716	0.242515	0.662093	-1.51036	0.299415	1.43701	1.43701	0.307167	0.700199	-1.42817	0.717358	0.884656	-1.13038
cg15836599	ZNF37A;ZNF37A	0.0658717	0.00504787	0.664266	-1.50542	0.855014	1.02038	1.02038	0.567545	0.938245	-1.06582	0.244226	0.874241	-1.14385
cg11332928	BTBD19;TCTEX1D4	0.0658718	0.154231	0.439432	-2.27566	0.0168056	0.207415	-4.82125	0.020295	0.22123	-4.52019	0.0442094	0.287595	-3.47711
cg18253113	SLC12A8	0.0658721	0.124165	0.382118	-2.61699	0.00526653	0.119322	-8.38067	0.0287944	0.225406	-4.43644	0.858283	1.1088	1.1088
cg12594731	ITGA1	0.0658741	0.124396	0.746619	-1.33937	0.0271611	0.631752	-1.5829	0.25675	0.812294	-1.23108	0.319106	1.19822	1.19822
cg02167613	CELSR1	0.0658751	0.0166388	0.290887	-3.43776	0.0440035	0.376303	-2.65743	0.0327891	0.348325	-2.87088	0.39086	0.689851	-1.44959
cg18785873	LGALS8;LGALS8;LGALS8;LGALS8	0.0658756	0.0257661	0.677016	-1.47707	0.357356	0.869847	-1.14963	0.0223191	0.668079	-1.49683	0.111344	0.774545	-1.29108
cg20102034	RTKN;RTKN;RTKN	0.0658757	0.109846	0.500848	-1.99661	0.0181959	0.320629	-3.11887	0.072051	0.45088	-2.21788	0.056996	0.425529	-2.35002
cg25503044	LOC151534;LBX2	0.0658763	0.0159904	0.26239	-3.81112	0.0227067	0.290198	-3.44592	0.012868	0.246329	-4.05961	0.0644647	0.389745	-2.56578
cg25275750	TBC1D4	0.065877	0.338232	0.764085	-1.30875	0.00605413	0.376397	-2.65677	0.0459312	0.536032	-1.86556	0.240886	0.715594	-1.39744
cg09591284	ZNF623;ZNF623	0.0658795	0.557065	0.846051	-1.18196	0.185654	0.673641	-1.48447	0.893611	0.963035	-1.03838	0.299133	0.738656	-1.35381
cg08645720	LCA5;LCA5	0.0658802	0.376049	1.38992	1.38992	0.0824043	2.00834	2.00834	0.0130672	3.05209	3.05209	0.233966	1.5718	1.5718
cg10519543	C7orf65	0.0658808	0.526996	0.88547	-1.12934	0.519531	0.883466	-1.13191	0.00279151	0.457453	-2.18602	0.811713	0.955723	-1.04633
cg15244327	TNFRSF10D	0.0658859	0.113529	2.6652	2.6652	0.00307387	10.0452	10.0452	0.244956	1.99843	1.99843	0.728991	1.21896	1.21896
cg25986670	PTPRA;PTPRA	0.0658864	0.822632	0.934574	-1.07001	0.796348	0.925016	-1.08106	0.422303	1.28022	1.28022	0.934586	0.975564	-1.02505
cg18224153	CDK2AP2	0.0658891	0.348906	0.680878	-1.46869	0.0336499	2.68849	2.68849	0.00622707	4.14271	4.14271	0.78133	0.895014	-1.1173
cg07385694	GALNT9	0.0658902	0.152531	4.75756	4.75756	0.00490996	44.4146	44.4146	0.0224076	16.1918	16.1918	0.891149	1.14955	1.14955
cg04458219	VAC14	0.0658903	0.834705	0.969741	-1.0312	0.820694	1.03395	1.03395	0.0755574	1.33762	1.33762	0.429484	1.12591	1.12591
cg27016106	ADAMTS2;ADAMTS2	0.065891	0.107808	0.496614	-2.01364	0.00665755	0.245499	-4.07334	0.0495389	0.409099	-2.4444	0.799996	0.903697	-1.10657
cg01119523	PPAP2B;PPAP2B	0.0658912	0.0263013	0.712559	-1.40339	0.104566	1.2563	1.2563	0.0697144	1.29806	1.29806	0.455023	0.906774	-1.10281
cg26089160	PSD	0.0658932	0.0613085	8.17386	8.17386	0.258297	3.2393	3.2393	0.133271	5.02209	5.02209	0.0516206	9.09228	9.09228
cg22778903	MX2	0.0658939	0.102486	3.7878	3.7878	0.0686265	4.56832	4.56832	0.252522	2.43716	2.43716	0.505875	1.65387	1.65387
cg06411551	DYDC1;DYDC2	0.0658955	0.646479	0.956031	-1.04599	0.0603791	0.813661	-1.22901	0.00628391	0.707083	-1.41426	0.282201	0.896902	-1.11495
cg24962268	EEF1E1;EEF1E1	0.0658957	0.11541	0.713211	-1.40211	0.784887	0.947405	-1.05551	0.0376273	0.621121	-1.60999	0.312205	1.22929	1.22929
cg07895499	TIPARP	0.0658984	0.189503	0.525494	-1.90297	0.00634241	0.192982	-5.18183	0.0247771	0.290182	-3.44611	0.925893	0.957844	-1.04401
cg03801871	LBH	0.0658994	0.147475	0.576996	-1.73311	0.470248	0.771123	-1.29681	0.860997	0.93987	-1.06398	0.100308	0.528868	-1.89083
cg20321375	FOXJ2;FOXJ2	0.0659012	0.196182	0.848614	-1.17839	0.00994255	1.47854	1.47854	0.253539	1.15398	1.15398	0.361841	1.11916	1.11916
cg19821988	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.0659024	0.306829	0.703935	-1.42059	0.0170148	0.380748	-2.62641	0.00617622	0.305693	-3.27125	0.0493366	0.474995	-2.10528
cg00917156	KIFC3;KIFC3;KIFC3;KIFC3	0.0659029	0.801393	0.94556	-1.05757	0.0037143	2.3882	2.3882	0.0244544	1.8137	1.8137	0.694178	1.09173	1.09173
cg14701893	CACNA2D4	0.0659029	0.347348	1.30826	1.30826	0.0501137	0.537804	-1.85941	0.163471	0.661673	-1.51132	0.0158545	2.27169	2.27169
cg18213472	SNAP91;SNAP91	0.0659039	0.578184	1.14112	1.14112	0.00318174	0.387997	-2.57734	0.0263497	0.538464	-1.85713	0.716603	1.08946	1.08946
cg17227680	CDK5RAP3;CDK5RAP3	0.0659047	0.494023	1.34972	1.34972	0.0777589	2.33132	2.33132	0.718963	1.16886	1.16886	0.582148	0.786656	-1.2712
cg04874239	KRT73	0.0659053	0.987521	0.995565	-1.00446	0.33927	1.32306	1.32306	0.67088	1.12918	1.12918	0.0287413	2.08166	2.08166
cg21142977	CEP350	0.0659059	0.0312213	0.661639	-1.5114	0.615088	0.920499	-1.08637	0.556267	1.10212	1.10212	0.650531	0.928192	-1.07736
cg04065065	PIGO;PIGO;PIGO	0.0659075	0.448327	1.11069	1.11069	0.842913	1.02732	1.02732	0.0510748	1.35237	1.35237	0.155543	1.22932	1.22932
cg25237113	CTNNA2;CTNNA2	0.0659078	0.0307883	0.371369	-2.69274	0.527638	0.778876	-1.2839	0.219448	0.603938	-1.6558	0.584403	0.80598	-1.24073
cg07405362	CABLES2	0.0659079	0.0377744	0.460235	-2.1728	0.0403879	0.466442	-2.14389	0.0448671	0.476361	-2.09925	0.0330603	0.448099	-2.23165
cg06460888	MCF2L;MCF2L	0.065909	0.0717639	0.328067	-3.04816	0.0266862	0.233205	-4.28808	0.81337	0.877118	-1.1401	0.398568	0.619302	-1.61472
cg14167033	SHANK2;SHANK2	0.0659114	0.701826	0.692119	-1.44484	0.154578	4.29574	4.29574	0.269066	3.00751	3.00751	0.836185	0.820311	-1.21905
cg06805615	MUC21	0.0659126	0.508476	0.874752	-1.14318	0.746193	0.937268	-1.06693	0.0088679	0.514541	-1.94348	0.313033	0.812067	-1.23143
cg11830876	TBC1D16	0.065913	0.259179	0.572717	-1.74606	0.0972051	2.36752	2.36752	0.676012	0.819549	-1.22018	0.729244	0.848299	-1.17883
cg23284646	MED28	0.0659136	0.500672	1.06818	1.06818	0.0492016	1.24188	1.24188	0.731081	0.967259	-1.03385	0.079519	1.20659	1.20659
cg07050602	ZNF592	0.0659142	0.127499	1.49617	1.49617	0.375138	1.24926	1.24926	0.394421	1.23771	1.23771	0.0192305	1.99857	1.99857
cg20930202	TXLNB	0.0659171	0.0623249	0.3803	-2.6295	0.0323169	0.315092	-3.17367	0.18977	0.527312	-1.89641	0.101834	0.438149	-2.28233
cg12383352	C6orf27	0.0659183	0.03092	0.279036	-3.58377	0.849781	0.908909	-1.10022	0.432778	1.49668	1.49668	0.879931	1.07912	1.07912
cg15463775	MTF2;MTF2;MTF2;MTF2	0.0659202	0.932888	0.959276	-1.04245	0.583037	0.760277	-1.31531	0.0805092	2.64456	2.64456	0.139296	0.451857	-2.21309
cg08160691	LOC388789	0.0659202	0.969179	1.01079	1.01079	0.0214255	2.15475	2.15475	0.0235256	2.11982	2.11982	0.247826	1.39875	1.39875
cg05387167	HOXB3	0.0659204	0.0198877	14.0489	14.0489	0.0560911	7.64515	7.64515	0.0201037	13.959	13.959	0.26008	3.01734	3.01734
cg05075118	TMEM108;TMEM108	0.0659209	0.93419	0.972455	-1.02833	0.0749897	0.511377	-1.9555	0.454518	0.772861	-1.29389	0.149407	1.68677	1.68677
cg00552822	LOC727924;OR4M2	0.0659217	0.0639979	0.410611	-2.43539	0.0852827	0.443317	-2.25572	0.524845	1.31724	1.31724	0.938851	0.967726	-1.03335
cg08983097	VGLL2;VGLL2	0.0659217	0.667847	1.07068	1.07068	0.0417846	0.689882	-1.44952	0.0813314	1.35755	1.35755	0.22733	0.818315	-1.22202
cg23674352	CCNC;CCNC	0.0659218	0.0125518	0.442389	-2.26045	0.075556	1.68145	1.68145	0.381514	1.26589	1.26589	0.0585973	0.5705	-1.75285
cg09922481	DPT	0.065924	0.381111	0.694284	-1.44033	0.0611393	2.3562	2.3562	0.930579	1.03602	1.03602	0.188218	0.567609	-1.76178
cg20735050	AMOTL1	0.0659261	0.090753	0.327503	-3.05341	0.134608	2.62829	2.62829	0.353131	1.77238	1.77238	0.257659	0.492823	-2.02912
cg07697850	TMEM219;TMEM219	0.0659271	0.715989	0.899228	-1.11207	0.317903	1.35001	1.35001	0.502946	1.21851	1.21851	0.406707	0.781341	-1.27985
cg08061367	LRIT3	0.0659275	0.409765	1.15831	1.15831	0.372984	1.17286	1.17286	0.00396802	0.508998	-1.96465	0.230177	0.802948	-1.24541
cg06736434	ZNF90	0.0659283	0.00969264	0.399666	-2.50209	0.00845471	0.38974	-2.56582	0.235792	0.705969	-1.41649	0.415186	1.26289	1.26289
cg09812541	AKR7A2;PQLC2;PQLC2;PQLC2	0.0659299	0.0253108	1.45296	1.45296	0.930837	0.987878	-1.01227	0.0328132	1.42021	1.42021	0.0188119	1.49163	1.49163

Probeset ID	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27248029	0.0563184	0.425461	-2.35039	0.0733148	0.453994	-2.20267	0.0871785	0.473866	-2.1103	0.00907451	0.269512	-3.7104	0.519575	0.77248	-1.29453	3.04536	7.54162	2.20127	1
cg15072619	0.109365	0.456379	-2.19116	0.147275	0.497187	-2.01131	0.0496109	0.365497	-2.736	0.0230623	0.2949	-3.39098	0.586709	0.781419	-1.27972	3.04536	9.73855	2.84252	1
cg03149245	0.0383884	0.276134	-3.62143	0.109672	0.39243	-2.54823	0.0217458	0.228216	-4.38181	0.256874	1.8865	1.8865	0.356742	0.601453	-1.66264	3.04534	13.8759	4.05017	1
cg09255142	0.117727	0.645987	-1.54802	0.246443	1.36582	1.36582	0.0692209	1.68686	1.68686	0.21882	1.39466	1.39466	0.84613	1.05124	1.05124	3.04532	3.19087	0.931371	1
cg01021487	0.0125536	0.288524	-3.46592	0.034111	0.371576	-2.69124	0.458278	1.35307	1.35307	0.984145	0.992076	-1.00799	0.209296	0.588705	-1.69864	3.04532	7.73126	2.25665	1
cg03915846	0.425672	0.514356	-1.94418	0.021566	0.104819	-9.54028	0.954564	1.04767	1.04767	0.839391	0.847172	-1.1804	0.058524	0.174336	-5.73607	3.08614	29.0204	9.40345	1
cg03885684	0.327388	1.33013	1.33013	0.397434	1.27696	1.27696	0.165247	0.658598	-1.51838	0.468862	1.23114	1.23114	0.67228	1.12756	1.12756	3.04529	3.83991	1.12083	1
cg04279801	0.185033	1.47378	1.47378	0.983741	0.994393	-1.00564	0.233801	1.41114	1.41114	0.82457	1.06317	1.06317	0.0701162	1.74835	1.74835	3.04528	3.67161	1.07171	1
cg01636599	0.0113946	0.132484	-7.54806	0.865464	0.897432	-1.11429	0.727876	1.24973	1.24973	0.0253489	0.183337	-5.45445	0.12995	0.352067	-2.84037	3.04528	19.6437	5.73381	1
cg20441606	0.753108	1.14384	1.14384	0.615687	0.806097	-1.24055	0.217951	1.73664	1.73664	0.0251782	3.10774	3.10774	0.0623586	2.44353	2.44353	3.04526	8.74804	2.55349	1
cg19005033	0.130293	0.512839	-1.94993	0.358277	1.47117	1.47117	0.233481	0.600201	-1.66611	0.32849	0.662211	-1.51009	0.803922	0.903337	-1.10701	3.04517	8.05457	2.35114	1
cg03712708	0.594847	0.950058	-1.05257	0.0241986	0.773761	-1.29239	0.0395723	0.796769	-1.25507	0.10421	0.844054	-1.18476	0.916452	1.01007	1.01007	3.04515	0.43935	0.128248	1
cg00495433	0.0936419	0.630998	-1.58479	0.129743	1.50497	1.50497	0.0408811	0.554655	-1.80292	0.0873757	1.60211	1.60211	0.128631	0.663552	-1.50704	3.04512	3.00794	0.878036	1
cg03312958	0.218933	0.410304	-2.43722	0.761113	1.2338	1.2338	0.0232714	6.47865	6.47865	0.0789174	3.8354	3.8354	0.0287947	5.90944	5.90944	3.0451	22.8955	6.68336	1
cg07955793	0.476572	0.953707	-1.04854	0.317649	1.06998	1.06998	0.0618132	0.871329	-1.14767	0.652493	1.03013	1.03013	0.200834	1.09251	1.09251	3.0451	0.206818	0.0603718	1
cg09478995	0.0162229	0.36152	-2.7661	0.046442	0.454164	-2.20185	0.0564533	0.473621	-2.11139	0.531599	1.24517	1.24517	0.402532	0.743445	-1.34509	3.04509	5.77515	1.68582	1
cg17501380	0.0575744	0.285867	-3.49813	0.0666901	0.301519	-3.31654	0.0303121	0.226544	-4.41416	0.0831861	0.326783	-3.06013	0.104607	0.355443	-2.81339	3.04508	16.3987	4.78695	1
cg20330315	0.00171962	0.180967	-5.52586	0.868767	0.93877	-1.06522	0.300525	0.663704	-1.5067	0.108332	0.512048	-1.95294	0.26916	0.644219	-1.55227	3.04507	7.04119	2.0554	1
cg08059402	0.0941619	0.67415	-1.48335	0.264476	1.283	1.283	0.0104137	0.500994	-1.99603	0.685226	1.09124	1.09124	0.016794	0.535124	-1.86873	3.04502	2.21406	0.646319	1
cg16098608	0.00660056	0.564878	-1.77029	0.038267	0.677834	-1.47529	0.0106496	0.594509	-1.68206	0.146489	0.776932	-1.28711	0.763842	0.952376	-1.05001	3.045	1.26474	0.3692	1
cg26570179	0.870462	0.956311	-1.04569	0.209175	0.696046	-1.43669	0.00155825	0.288026	-3.47191	0.649828	0.882401	-1.13327	0.454978	0.811958	-1.23159	3.04497	3.6133	1.05479	1
cg11758861	0.0105204	0.128061	-7.80878	0.624944	1.36966	1.36966	0.236994	2.20563	2.20563	0.865483	1.11432	1.11432	0.279526	2.04987	2.04987	3.04496	19.658	5.7386	1
cg10196412	0.243241	1.34113	1.34113	0.623466	1.12631	1.12631	0.2804	1.30958	1.30958	0.0820301	1.58908	1.58908	0.470778	1.19286	1.19286	3.04493	2.78643	0.813428	1
cg21919820	0.0241596	0.240069	-4.16547	0.213544	0.498987	-2.00406	0.149976	0.440817	-2.26852	0.53136	1.40006	1.40006	0.380667	0.620479	-1.61166	3.04491	13.5845	3.96567	1
cg13122491	0.0170145	0.318639	-3.13835	0.985344	1.00725	1.00725	0.0162602	0.315044	-3.17416	0.488819	1.31835	1.31835	0.58997	0.807489	-1.23841	3.0449	7.44988	2.17482	1
cg04861259	0.0124227	0.319081	-3.134	0.413561	1.35919	1.35919	0.211051	1.62222	1.62222	0.778471	1.10909	1.10909	0.652779	1.1809	1.1809	3.04489	6.50041	1.89765	1
cg17380469	0.248043	1.27482	1.27482	0.643448	1.09826	1.09826	0.0291789	0.596446	-1.6766	0.109	0.70368	-1.4211	0.727084	0.931974	-1.07299	3.04487	1.9496	0.569146	1
cg20946369	0.0524382	0.42895	-2.33127	0.311943	0.669354	-1.49398	0.191422	1.70029	1.70029	0.0708988	0.46097	-2.16934	0.720729	1.1477	1.1477	3.04485	7.10251	2.07345	1
cg27397757	0.0544694	0.189387	-5.28018	0.26116	0.409146	-2.44411	0.0375602	0.158813	-6.29672	0.181108	0.338645	-2.95295	0.351647	0.481427	-2.07716	3.04485	28.0463	8.18764	1
cg25972499	0.342871	0.827561	-1.20837	0.843262	0.962383	-1.03909	0.0915237	0.697747	-1.43318	0.458221	1.15755	1.15755	0.0834149	1.44943	1.44943	3.04484	1.80913	0.528145	1
cg24819686	0.0346045	1.29281	1.29281	0.40652	1.09255	1.09255	0.113748	0.835798	-1.19646	0.197295	0.867561	-1.15266	0.885832	1.01509	1.01509	3.04483	0.523962	0.152962	1
cg27279545	0.473528	0.677332	-1.47638	0.363526	0.607091	-1.6472	0.261281	0.534666	-1.87033	0.965276	0.977003	-1.02354	0.364478	0.607726	-1.64548	3.04481	13.7737	4.02102	1
cg07384522	0.0109034	0.162385	-6.15822	0.851327	0.898775	-1.11263	0.00821778	0.146144	-6.84257	0.173121	0.43844	-2.28081	0.0905903	0.346259	-2.88801	3.04481	15.6018	4.55473	1
cg23439917	0.0396067	0.614582	-1.62712	0.255639	1.27476	1.27476	0.0552709	0.64116	-1.55967	0.363016	0.825934	-1.21075	0.0149714	0.542302	-1.84399	3.0448	2.0179	0.5891	1
cg02344238	0.363946	1.19934	1.19934	0.394297	1.1853	1.1853	0.0593765	0.660561	-1.51386	0.846216	0.962875	-1.03856	0.472221	0.867219	-1.15311	3.0447	1.8305	0.534406	1
cg03585263	0.0222222	0.0501587	-19.9367	0.637712	0.595787	-1.67845	0.788928	1.34038	1.34038	0.651473	0.608667	-1.64293	0.553116	1.92528	1.92528	3.04469	57.4828	16.782	1
cg27431150	0.698124	1.18849	1.18849	0.0476493	0.366596	-2.7278	0.444454	1.41254	1.41254	0.146953	0.501762	-1.99298	0.23559	0.576536	-1.7345	3.04468	9.46552	2.76344	1
cg26272443	0.856619	0.93283	-1.07201	0.8453	1.07799	1.07799	0.027873	0.368215	-2.7158	0.649933	0.838903	-1.19203	0.123987	1.8973	1.8973	3.04468	7.12715	2.08076	1
cg10301588	0.0317614	0.535342	-1.86796	0.0686124	0.602912	-1.65862	0.277922	0.755724	-1.32323	0.0144785	0.473363	-2.11254	?	?	?	3.08548	2.6766	0.867481	1
cg17412102	0.00465489	0.321846	-3.10708	0.197479	0.663406	-1.50737	0.0827221	0.560558	-1.78394	0.0794588	0.556322	-1.79752	0.15301	0.630667	-1.58562	3.04461	4.37532	1.27739	1
cg11147786	0.737597	0.895644	-1.11651	0.890235	0.95575	-1.0463	0.684449	0.87466	-1.1433	0.0751195	1.91473	1.91473	0.796086	0.918623	-1.08859	3.04461	5.18026	1.5124	1
cg11151021	0.0589567	1.5723	1.5723	0.0337121	1.69255	1.69255	0.00812319	2.05249	2.05249	0.62154	0.899795	-1.11136	0.22592	1.30973	1.30973	3.04461	2.17106	0.633852	1
cg18568653	0.323413	1.1526	1.1526	0.836414	1.02921	1.02921	0.983061	1.00296	1.00296	0.00563293	0.602919	-1.6586	0.403846	0.887855	-1.12631	3.0446	0.934988	0.272975	1
cg12870253	0.526311	0.810635	-1.2336	0.50385	0.801076	-1.24832	0.0734832	0.520738	-1.92035	0.413194	0.760682	-1.31461	0.0143903	0.372911	-2.6816	3.04458	5.15529	1.50513	1
cg19979773	0.0807322	0.662096	-1.51036	0.410661	0.836007	-1.19616	0.0216147	1.79904	1.79904	0.0813217	0.662738	-1.50889	0.779174	1.06167	1.06167	3.04455	2.1856	0.638108	1
cg04679098	0.0789886	0.712588	-1.40334	0.149392	1.30808	1.30808	0.597977	0.911698	-1.09686	0.558698	0.902363	-1.1082	0.0135665	0.588207	-1.70008	3.04455	1.45534	0.424903	1
cg20957776	0.807671	1.09336	1.09336	0.764774	1.11608	1.11608	0.044446	2.32739	2.32739	0.0103637	3.25992	3.25992	0.308823	0.680126	-1.47032	3.04455	6.45855	1.88564	1
cg08048720	0.0549605	0.429288	-2.32944	0.218133	0.604503	-1.65425	0.164187	0.561715	-1.78026	0.109528	0.50766	-1.96982	0.0685296	0.452799	-2.20848	3.04453	7.2799	2.12546	1
cg04391736	0.667079	1.09793	1.09793	0.800235	1.05627	1.05627	0.598584	1.12153	1.12153	0.0967309	1.48237	1.48237	0.00417121	2.2907	2.2907	3.04451	2.24751	0.656192	1
cg15557996	0.373863	0.863496	-1.15808	0.145501	0.77779	-1.28569	0.538787	0.904785	-1.10523	0.17851	0.794676	-1.25838	0.050233	1.43175	1.43175	3.0445	1.24649	0.363932	1
cg09199014	0.0281631	0.120591	-8.29253	0.203398	0.334352	-2.99086	0.00460692	0.0460989	-21.6925	0.0928749	0.221185	-4.52111	0.409154	0.502151	-1.99143	3.04442	32.1074	9.3745	1
cg07205657	0.182707	0.777241	-1.2866	0.195535	1.2763	1.2763	0.0101362	1.7825	1.7825	0.448573	0.871418	-1.14755	0.28546	0.820605	-1.21861	3.04441	1.53143	0.447139	1
cg12960201	0.014539	0.470439	-2.12567	0.0856693	0.62134	-1.60943	0.12278	1.52025	1.52025	0.707359	1.09908	1.09908	0.54438	0.857526	-1.16614	3.04438	3.02586	0.883481	1
cg07633506	0.74135	0.908886	-1.10025	0.321961	0.744447	-1.34328	0.0092887	0.38599	-2.59074	0.0267644	2.13161	2.13161	0.304783	1.35869	1.35869	3.04438	4.01115	1.17116	1
cg07928641	0.0769632	0.54327	-1.8407	0.122754	0.595238	-1.68	0.0280654	0.447132	-2.23648	0.195386	0.653863	-1.52937	0.19627	0.654475	-1.52794	3.04435	4.64074	1.355	1
cg21080452	0.138639	0.683165	-1.46378	0.07694	1.60015	1.60015	0.683468	1.10294	1.10294	0.0252257	1.88902	1.88902	0.429272	1.21271	1.21271	3.04434	2.75431	0.804205	1
cg21231944	0.157746	1.33295	1.33295	0.16044	1.33015	1.33015	0.859398	0.966827	-1.03431	0.18289	1.30854	1.30854	0.598337	1.10644	1.10644	3.04433	1.74539	0.509624	1
cg09838217	0.0170631	0.247978	-4.03261	0.163229	0.489881	-2.04131	0.0109514	0.21631	-4.62299	0.177394	0.502889	-1.98851	0.304074	0.600265	-1.66593	3.04431	11.0858	3.23688	1
cg16526848	0.120064	0.449478	-2.2248	0.0362667	0.315227	-3.17232	0.00742052	0.194882	-5.13132	0.825711	1.11024	1.11024	0.0444782	0.334769	-2.98713	3.04428	10.8416	3.16561	1
cg22683624	0.193937	0.809322	-1.2356	0.198258	0.811157	-1.23281	0.00462973	1.78584	1.78584	0.700872	1.06121	1.06121	0.680834	1.06573	1.06573	3.04427	1.14237	0.333557	1
cg07131533	0.124249	1.23038	1.23038	0.486417	0.915681	-1.09208	0.388706	0.895805	-1.11631	0.530685	0.923942	-1.08232	0.0401498	1.34361	1.34361	3.04427	0.748013	0.218411	1
cg05190096	0.0434108	1.3413	1.3413	0.0876546	0.787945	-1.26912	0.0883063	0.788408	-1.26838	0.0810142	0.783044	-1.27707	0.790292	1.03427	1.03427	3.04422	0.770506	0.224982	1
cg26050906	0.0406853	0.499991	-2.00004	0.429377	0.789282	-1.26697	0.406317	0.779433	-1.28298	0.772196	0.918376	-1.08888	0.197488	0.670586	-1.49123	3.04419	4.14838	1.21131	1
cg20583930	0.475502	1.26419	1.26419	0.083871	0.539005	-1.85527	0.0493536	0.48446	-2.06415	0.0528832	0.49122	-2.03575	0.460099	1.27505	1.27505	3.04416	5.03255	1.4695	1
cg08580015	0.194769	0.750028	-1.33328	0.622197	0.90108	-1.10978	0.00431879	2.2258	2.2258	0.287286	1.26076	1.26076	0.337766	0.812816	-1.23029	3.04414	2.12054	0.619197	1
cg17833476	0.567938	0.725049	-1.37922	0.736972	0.828814	-1.20654	0.277932	0.533421	-1.87469	0.00195312	11.4675	11.4675	0.673507	1.26623	1.26623	3.04414	14.9578	4.36769	1
cg03133821	0.0252024	0.54396	-1.83837	0.355527	0.804609	-1.24284	0.431954	1.20137	1.20137	0.381603	0.814428	-1.22786	0.0178369	0.517497	-1.93238	3.04413	2.52268	0.736624	1
cg23013137	0.00314669	0.201001	-4.97509	0.738499	1.14246	1.14246	0.935752	0.96846	-1.03257	0.473886	1.33581	1.33581	0.175301	0.563853	-1.77351	3.04411	7.61839	2.22459	1
cg04214566	0.0108971	0.480621	-2.08064	0.0515099	0.601627	-1.66216	0.0156921	0.507199	-1.97161	0.89211	0.96937	-1.0316	0.797989	1.06056	1.06056	3.0441	2.53344	0.739773	1
cg11630135	0.00335624	0.0466472	-21.4375	0.640257	0.696621	-1.4355	0.939461	1.06007	1.06007	0.888613	1.11364	1.11364	0.892368	0.901243	-1.10958	3.04408	28.4411	8.30498	1
cg03700669	0.0220726	0.249032	-4.01555	0.639105	0.787264	-1.27022	0.0154107	0.221899	-4.50656	0.0370523	0.293423	-3.40805	0.096006	0.396238	-2.52374	3.04406	12.3639	3.61034	1
cg25264948	0.784695	1.09286	1.09286	0.0571922	0.497756	-2.00902	0.0799726	0.532637	-1.87745	0.160478	1.62603	1.62603	0.0210103	2.46005	2.46005	3.04404	5.06865	1.48009	1
cg26239233	0.0631406	0.233713	-4.27875	0.261157	0.442622	-2.25926	0.0175572	0.133998	-7.46279	0.0466868	0.205131	-4.87492	0.096217	0.280706	-3.56245	3.04402	23.3207	6.80991	1
cg16072884	0.0100673	0.355422	-2.81355	0.194554	1.54819	1.54819	0.155192	1.62335	1.62335	0.932818	1.02722	1.02722	0.431736	0.774469	-1.29121	3.04401	4.89084	1.42819	1
cg05475280	0.0160334	0.364641	-2.74242	0.283858	0.683141	-1.46383	0.115013	0.556255	-1.79774	0.138819	0.579657	-1.72516	0.285078	0.683851	-1.46231	3.044	5.64713	1.64904	1
cg12324283	0.00580283	0.182624	-5.47574	0.0738867	0.39164	-2.55336	0.0369216	0.319708	-3.12785	0.27751	0.587777	-1.70133	0.100036	0.428278	-2.33493	3.04398	10.6744	3.11711	1
cg03503516	0.0427849	4.33837	4.33837	0.258722	0.476353	-2.09929	0.432546	0.60407	-1.65544	0.0231171	5.52511	5.52511	0.0198451	5.86999	5.86999	3.04392	19.0936	5.57574	1
cg10814856	0.0731267	0.718512	-1.39177	0.637725	0.924548	-1.08161	0.0253807	0.644335	-1.55199	0.010963	0.58978	-1.69555	0.293799	1.19735	1.19735	3.04389	1.31886	0.385139	1
cg13480898	0.253172	0.668753	-1.49532	0.572034	0.824894	-1.21228	0.00516162	0.287944	-3.4729	0.0177058	0.378153	-2.64443	0.55121	1.2254	1.2254	3.04389	5.47914	1.60004	1
cg15836599	0.131402	0.835547	-1.19682	0.890525	0.984922	-1.01531	0.0264418	0.748019	-1.33687	0.0309564	0.756194	-1.32241	0.200501	0.861424	-1.16087	3.04389	0.586698	0.17133	1
cg11332928	0.0304735	0.253846	-3.93939	0.353172	0.59747	-1.67372	0.139498	0.424297	-2.35684	0.0372459	0.271546	-3.68262	0.110206	0.391193	-2.55629	3.04388	14.0125	4.09199	1
cg18253113	0.131024	0.389798	-2.56543	0.218904	0.473718	-2.11096	0.0724888	0.314115	-3.18354	0.0774817	0.321755	-3.10796	0.934153	0.953375	-1.04891	3.04388	16.0955	4.70029	1
cg12594731	0.231426	0.802157	-1.24664	0.23148	1.2466	1.2466	0.0342487	1.54317	1.54317	0.284561	0.822642	-1.2156	0.219874	0.797264	-1.25429	3.04384	1.48699	0.434244	1
cg02167613	0.00773513	0.235808	-4.24074	0.28332	0.624538	-1.60118	0.708622	0.853396	-1.17179	0.175844	0.544537	-1.83642	0.723505	0.860703	-1.16184	3.04382	8.59706	2.5106	1
cg18785873	0.873653	0.97683	-1.02372	0.374555	0.874363	-1.14369	0.0119774	0.630152	-1.58692	0.262999	0.842062	-1.18756	0.294845	1.17355	1.17355	3.04381	1.04606	0.305482	1
cg20102034	0.0165795	0.313197	-3.19288	0.0303303	0.36421	-2.74567	0.164311	0.555062	-1.8016	0.812274	1.09898	1.09898	0.279554	0.640199	-1.56201	3.04381	7.58707	2.21567	1
cg25503044	0.191643	0.534157	-1.87211	0.221209	0.558033	-1.79201	0.0736614	0.404717	-2.47086	0.128455	0.474546	-2.10728	0.606744	0.790155	-1.26557	3.0438	9.91996	2.89695	1
cg25275750	0.0645847	1.76093	1.76093	0.705561	0.901713	-1.109	0.805956	1.06938	1.06938	0.875936	1.0435	1.0435	0.449931	0.810713	-1.23348	3.04379	3.58132	1.04587	1
cg09591284	0.185844	0.67377	-1.48419	0.209346	0.689029	-1.45132	0.00648973	2.70738	2.70738	0.160274	1.52543	1.52543	0.254409	0.715341	-1.39793	3.04374	3.81981	1.11553	1
cg08645720	0.6221	0.835223	-1.19729	0.470332	1.30497	1.30497	0.339894	1.42831	1.42831	0.00757465	3.47283	3.47283	0.0495402	2.25272	2.25272	3.04373	6.33216	1.84924	1
cg10519543	0.284409	1.23494	1.23494	0.465531	1.15135	1.15135	0.175506	1.3144	1.3144	0.305094	1.22328	1.22328	0.575235	1.11342	1.11342	3.04372	1.73602	0.506988	1
cg15244327	0.0533317	3.48877	3.48877	0.324346	1.78499	1.78499	0.0515869	3.53004	3.53004	0.0622162	3.3037	3.3037	0.381619	1.66667	1.66667	3.04362	15.6214	4.56222	1
cg25986670	0.0467309	0.503458	-1.98626	0.414467	1.28584	1.28584	0.00224895	0.275569	-3.62886	0.908826	0.966063	-1.03513	0.665279	0.877056	-1.14018	3.04361	4.37834	1.2787	1
cg18224153	0.662801	0.839554	-1.19111	0.915322	1.04331	1.04331	0.0692527	2.24826	2.24826	0.546593	0.784128	-1.2753	0.646962	0.8321	-1.20178	3.04357	7.65829	2.23664	1
cg07385694	0.857046	0.832324	-1.20145	0.66394	1.56043	1.56043	0.186121	4.1653	4.1653	0.132315	5.22363	5.22363	0.393544	0.410827	-2.43411	3.04355	49.9394	14.5852	1
cg04458219	0.31195	0.857431	-1.16627	0.025477	1.47759	1.47759	0.0205897	1.50699	1.50699	0.0892361	0.759139	-1.31728	0.252294	1.19225	1.19225	3.04354	1.04229	0.304407	1
cg27016106	0.130357	0.521179	-1.91873	0.319883	0.663657	-1.5068	0.0201049	0.326784	-3.06013	0.0958408	0.482108	-2.07422	0.881324	1.0614	1.0614	3.04353	7.66899	2.23979	1
cg01119523	0.287961	1.15244	1.15244	0.256748	1.16443	1.16443	0.0942542	0.789313	-1.26693	0.383446	1.12181	1.12181	0.169074	1.20735	1.20735	3.04353	0.79728	0.232853	1
cg26089160	0.925735	0.911283	-1.09735	0.0675477	7.6971	7.6971	0.0141991	20.3821	20.3821	0.0338102	11.8162	11.8162	0.028733	13.074	13.074	3.04349	47.8618	13.9786	1
cg22778903	0.0389835	5.93625	5.93625	0.111902	3.63385	3.63385	0.00431731	17.1794	17.1794	0.0391408	5.92518	5.92518	0.253983	2.42991	2.42991	3.04348	26.777	7.8206	1
cg06411551	0.464333	0.930053	-1.07521	0.637676	1.04727	1.04727	0.213566	0.880272	-1.13601	0.621052	1.04972	1.04972	0.0722868	1.21567	1.21567	3.04345	0.456958	0.133462	1
cg24962268	0.00818311	0.512625	-1.95074	0.447845	0.85834	-1.16504	0.189759	1.31557	1.31557	0.429789	0.852867	-1.17252	0.128722	0.723094	-1.38295	3.04344	1.87957	0.54896	1
cg07895499	0.788549	0.882985	-1.13252	0.199856	0.534195	-1.87197	0.0321431	0.312892	-3.19599	0.0534902	0.36228	-2.76029	0.501493	0.729184	-1.3714	3.04339	10.3307	3.01731	1
cg03801871	0.041177	0.434542	-2.30128	0.386358	0.730381	-1.36915	0.00374742	0.250403	-3.99356	0.0274178	0.397275	-2.51715	0.307775	0.688299	-1.45286	3.04338	6.03407	1.76239	1
cg20321375	0.0523457	1.30346	1.30346	0.600131	1.06559	1.06559	0.294707	0.877634	-1.13943	0.0438315	1.32083	1.32083	0.268337	1.14852	1.14852	3.04334	0.695293	0.203079	1
cg19821988	0.146346	0.596055	-1.6777	0.369747	0.736626	-1.35754	0.0437427	0.463362	-2.15814	0.142336	0.592512	-1.68773	0.368563	0.736038	-1.35863	3.04332	5.30782	1.5503	1
cg00917156	0.251405	1.3049	1.3049	0.3941	1.21393	1.21393	0.0580081	1.60946	1.60946	0.693365	0.91575	-1.092	0.510962	1.1596	1.1596	3.04331	2.37742	0.694396	1
cg14701893	0.0971729	1.65784	1.65784	0.166991	1.50548	1.50548	0.253467	1.39261	1.39261	0.891367	0.962765	-1.03867	0.608013	0.866182	-1.15449	3.04331	3.7167	1.08557	1
cg18213472	0.135047	0.684793	-1.4603	0.76748	0.932688	-1.07217	0.923991	0.977821	-1.02268	0.258877	0.758167	-1.31897	0.374913	0.807316	-1.23867	3.04329	2.66233	0.777617	1
cg17227680	0.00343075	0.179689	-5.56516	0.818597	1.10428	1.10428	0.192766	1.81341	1.81341	0.481989	1.36149	1.36149	0.644257	1.22235	1.22235	3.04328	8.98661	2.62483	1
cg04874239	0.108889	0.60838	-1.64371	0.0508302	1.88202	1.88202	0.022261	2.17865	2.17865	0.0575688	1.84111	1.84111	0.264371	1.39187	1.39187	3.04327	3.89354	1.13724	1
cg21142977	0.869992	0.973591	-1.02712	0.610496	0.919491	-1.08756	0.00357444	0.52475	-1.90567	0.195282	1.25084	1.25084	0.754892	1.0525	1.0525	3.04326	1.28674	0.375838	1
cg04065065	0.0519275	0.740476	-1.35048	0.516077	0.914426	-1.09358	0.322453	0.870353	-1.14896	0.0141674	0.662844	-1.50865	0.961412	1.00659	1.00659	3.04323	0.889616	0.259846	1
cg25237113	0.0297873	0.368389	-2.71452	0.976105	1.01176	1.01176	0.0585983	0.43417	-2.30324	0.0822968	2.12048	2.12048	0.0480357	0.413737	-2.41699	3.04322	7.34995	2.14683	1
cg07405362	0.0349629	0.453157	-2.20674	0.0494607	0.485738	-2.05872	0.0339211	0.450416	-2.22017	0.727724	0.893525	-1.11916	0.202073	0.648009	-1.54319	3.04322	5.00048	1.46058	1
cg06460888	0.0239223	0.224506	-4.45422	0.0958351	0.362733	-2.75685	0.0203982	0.212356	-4.70908	0.0231622	0.221995	-4.50462	0.172839	0.447423	-2.23502	3.0432	14.814	4.32701	1
cg14167033	0.0956835	5.75913	5.75913	0.721846	0.710382	-1.40769	0.00452713	0.0268195	-37.2863	0.32972	2.61753	2.61753	0.425543	2.17803	2.17803	3.04316	44.1069	12.8834	1
cg06805615	0.718556	0.930348	-1.07487	0.0214367	1.73552	1.73552	0.150238	1.36023	1.36023	0.771718	0.943618	-1.05975	0.480279	0.866634	-1.15389	3.04313	1.91804	0.560253	1
cg11830876	0.00717567	0.193307	-5.17312	0.920369	0.953758	-1.04848	0.0393721	0.323506	-3.09113	0.448928	0.693945	-1.44104	0.0665069	0.377452	-2.64934	3.04313	10.8049	3.15609	1
cg23284646	0.32057	0.905715	-1.1041	0.722825	0.96622	-1.03496	0.0797491	0.828927	-1.20638	0.0172855	1.32287	1.32287	0.175106	1.14929	1.14929	3.04311	0.44873	0.131073	1
cg07050602	0.0743055	1.62612	1.62612	0.41398	1.22651	1.22651	0.0205664	0.505579	-1.97793	0.199549	1.39287	1.39287	0.689655	1.10311	1.10311	3.0431	2.88088	0.841504	1
cg20930202	0.0259838	0.295912	-3.37939	0.664157	0.817672	-1.22298	0.0123958	0.238285	-4.19665	0.777058	1.13975	1.13975	0.0693755	0.392173	-2.5499	3.04305	10.2327	2.98902	1
cg12383352	0.0252703	0.26185	-3.81898	0.193064	0.499653	-2.00139	0.0307214	0.278471	-3.59104	0.0994603	0.402681	-2.48336	0.0325941	0.283696	-3.5249	3.04303	12.229	3.57218	1
cg15463775	0.0244174	0.256358	-3.9008	?	?	?	0.0833465	2.61516	2.61516	0.190041	1.9961	1.9961	0.186504	2.00875	2.00875	3.31581	11.1345	2.93826	1
cg08160691	0.0718652	0.572276	-1.74741	0.333019	1.31964	1.31964	0.217999	0.69773	-1.43322	0.882769	1.04183	1.04183	0.184986	1.47767	1.47767	3.04299	3.71799	1.08606	1
cg05387167	0.986156	1.01645	1.01645	0.298512	2.75401	2.75401	0.0538038	7.83329	7.83329	0.0266276	11.8221	11.8221	0.060004	7.34982	7.34982	3.04299	42.5935	12.442	1
cg05075118	0.0758979	0.512679	-1.95054	0.36748	1.36766	1.36766	0.0435031	0.456047	-2.19276	0.0782262	1.93812	1.93812	0.152759	1.67857	1.67857	3.04298	5.51283	1.61036	1
cg00552822	0.464883	1.37443	1.37443	0.0189719	0.296808	-3.36918	0.0888371	2.23115	2.23115	0.0880843	0.447177	-2.23625	0.219152	0.575474	-1.7377	3.04297	8.81139	2.57392	1
cg08983097	0.53039	0.904338	-1.10578	0.128808	1.29652	1.29652	0.0355101	0.678929	-1.47291	0.56091	1.09748	1.09748	0.0869233	0.741493	-1.34863	3.04297	1.20625	0.352361	1
cg23674352	0.0861286	0.607665	-1.64564	0.704726	0.904828	-1.10518	0.545908	0.851676	-1.17416	0.54629	1.17397	1.17397	0.213828	0.709044	-1.41035	3.04296	3.32568	0.971472	1
cg09922481	0.010676	0.271555	-3.68249	0.91766	0.958868	-1.0429	0.0407536	0.383132	-2.61006	0.304574	1.54009	1.54009	0.452642	0.732891	-1.36446	3.04292	7.95032	2.32242	1
cg20735050	0.00752621	0.127422	-7.84796	0.678258	0.778881	-1.28389	0.144267	0.390796	-2.55888	0.208747	0.452129	-2.21176	0.110982	0.353398	-2.82967	3.04289	17.2933	5.05173	1
cg07697850	0.246381	0.702999	-1.42248	0.236097	0.697035	-1.43465	0.0016857	0.271212	-3.68715	0.953827	1.01698	1.01698	0.636123	0.870621	-1.1486	3.04287	4.07266	1.18972	1
cg08061367	0.821835	1.0401	1.0401	0.378917	0.854388	-1.17043	0.181286	1.2807	1.2807	0.193688	1.27093	1.27093	0.603326	1.0957	1.0957	3.04286	1.46461	0.427846	1
cg06736434	0.796659	1.07505	1.07505	0.166901	0.661677	-1.51131	0.8535	1.05317	1.05317	0.241114	0.709005	-1.41043	0.942857	0.980111	-1.02029	3.04285	3.78489	1.10566	1
cg09812541	0.826397	1.03134	1.03134	0.874029	0.977955	-1.02254	0.696636	0.946442	-1.05659	0.849091	1.02712	1.02712	0.0213584	1.47491	1.47491	3.04282	0.95127	0.277892	1

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Probeset ID	UCSC_REFGENE_NAME UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1137 vs. N)	Fold-Change(1 vs.1137)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1527 vs. N)	Fold-Change(1 vs.1527)	p-value(1537 vs. N)	Fold-Change(5 vs.1537)	Ratio(1537 vs.N)	Fold-Change(5 vs.1637)	Ratio(1637 vs.N)	Fold-Change(5 vs.1637)	F(Error)	SS(Test)	SS(Error)	df
cg04798523	;UBE2D3	0.0659305	0.143621	0.779113	-1.38549	0.0886204	1.35014	1.35014	0.660848	0.93187	-1.07311	0.304239	0.843621	-1.18537	0.586457	0.915957	-1.09175	0.828503	1.03528	1.03528	0.2625198	0.715321	-1.39797	0.00552431	0.558313	-1.79111	0.185569	0.790038	-1.25151	0.04281	1.23095	0.359595	1
cg02944192	KIAA0391	0.0659305	0.223523	0.562285	-1.77946	0.00749236	2.212308	-4.71014	0.022719	0.287937	-3.47298	0.881155	1.06967	1.06967	0.338604	0.641417	1.55905	-1.25208	0.583552	-1.71364	0.193313	2.06417	2.06417	0.626924	1.24672	1.24672	0.692623	0.836237	-1.19586	0.04281	9.76732	2.85331	1
cg19607936	HS6ST2;HS6ST2	0.0659315	0.092067	0.404249	-2.47372	0.00599951	0.173096	-5.77715	0.033754	0.307793	-3.24894	0.102576	0.417925	-2.39277	0.017558	0.24204	-4.13155	0.176816	0.495983	-2.0162	0.491328	7	7	0.073177	-1.40693	0.722646	0.840247	-1.19013	0.0406672	0.656938	-1.52221	1.04279	1
cg23899628	DUOX2;DUOXA2	0.0659318	0.70442	0.842891	-1.18639	0.6346851	1.23943	1.23943	0.0740011	2.44221	-2.44221	0.820774	1.30328	1.30328	0.115138	2.1559	2.1559	0.866043	0.927083	-1.07865	7	7	7	0.00534498	0.1929031	-5.18319	0.83434	0.90106	-1.09847	0.08356	8.72992	2.83111	1
cg14343107	RUB1B	0.0659335	0.76839	0.95089	-1.05165	0.00359485	1.95877	1.95877	0.223953	1.24341	1.24341	0.625497	0.919541	-1.0875	0.331913	0.843074	-1.18614	0.201189	1.25884	1.25884	0.296785	1.20258	1.20258	0.729159	1.06107	1.06107	0.0401188	1.49849	1.49849	0.04275	1.40136	0.409385	1
cg21469370	ACOXL;ACOXL;ACOXL	0.0659364	0.0735155	0.648972	-2.0691	0.0302962	0.01459	-1.09159	0.229923	0.636564	-1.57099	0.508934	1.25539	1.25539	0.0250097	0.204561	-3.797	0.724634	1.13523	1.13523	0.224121	1.58067	1.58067	0.0658544	0.477064	-2.09615	0.0950523	1.0225	1.0225	0.90474	6.19685	1.81691	1
cg22367989	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.065937	0.0040586	0.32255	-3.0903	0.0730633	0.553558	-1.80649	0.811128	1.07267	1.07267	0.655791	0.876715	-1.40462	0.164751	0.632518	-1.58098	0.122847	0.612451	-1.63278	0.130088	0.61907	-1.61533	0.609666	1.16301	1.16301	0.377761	1.30398	1.30398	0.04269	4.1440	1.21089	1
cg26830426	CDC23	0.0659391	0.462234	0.888076	-1.12603	0.00684267	1.74291	1.74291	0.166536	1.26359	1.26359	0.816359	0.963776	-1.03759	0.26614	1.20174	1.20174	0.225463	0.817172	-1.22373	0.0859606	0.740111	-1.35115	0.163545	1.26597	1.26597	0.708323	1.06142	1.06142	0.04265	1.21224	0.354147	1
cg19879210	PNMA3	0.0659394	0.855884	1.00705	1.00705	0.9956696	1.08788	1.08788	0.322122	0.914599	-1.09375	0.536089	1.16052	1.16052	0.0228404	0.828208	-1.20728	0.155622	0.992583	1.00742	0.976777	1.02458	1.02458	0.291511	2.59838	0.384847	1.86871	0.990123	1.00921	0.99402	1.86871	11.305	3.30271	1
cg14047130	HS3ST1	0.0659405	0.0199403	0.466044	-2.15063	0.0195003	0.178605	1.07865	0.854657	0.84329	-1.18583	0.203922	0.287559	-3.47755	0.078764	0.162894	-6.13898	0.0602441	0.139469	-7.17007	0.0332734	0.0240936	-41.5047	0.483376	0.515766	-1.93886	0.271708	0.345231	-2.89661	0.04262	41.635	12.1635	1
cg23104227	TGFA;TGFA	0.0659413	0.762455	0.952005	-1.05036	0.694893	1.09092	1.09092	0.154395	0.699556	-1.42948	0.00655791	0.425091	-2.35244	0.564241	0.87385	-1.14436	0.0626332	0.608349	-1.64329	0.456447	1.19314	1.19314	0.309933	1.51982	1.51982	0.443254	1.20523	1.20523	0.32769	2.73794	0.650955	1
cg26053366	LRRC3B;LRRC3B	0.0659413	0.703274	0.957325	-1.04458	0.463212	1.08882	1.08882	0.262375	1.14245	1.14245	0.0373374	0.759281	-1.31704	0.203849	0.858276	-1.16513	0.0631226	0.788039	-1.26897	0.00775181	0.677251	-1.47656	0.899301	1.01453	1.01453	0.650979	1.03527	1.03527	0.04261	0.6258822	0.182832	1
cg14995160	SLC18A2	0.0659416	0.0883501	0.25059	-3.99059	0.0105851	0.109149	-10.6588	0.110361	0.227855	-3.599	0.716478	0.764567	-1.30793	0.0119347	0.0993533	-10.0651	0.998637	0.998743	-1.00126	0.0525865	0.197502	-5.06325	0.277235	0.435295	-2.29729	0.0851948	0.246417	-4.05816	0.0426	26.1049	7.62648	1
cg04870657	BDKRB2	0.0659428	0.2253343	0.768244	-1.30107	0.0381488	0.487659	-2.05061	0.322156	0.850355	-1.2421	0.695937	1.08682	1.08682	0.0281465	0.577189	-1.73253	0.0177297	0.542655	-1.84279	0.14439	0.717223	-1.39427	0.846671	1.04189	1.04189	0.584272	1.88947	-1.12426	0.04218	2.16533	0.6326	1
cg19464815	BCL11A;BCL11A	0.0659448	0.392196	1.30461	1.30461	0.00642644	2.93075	2.93075	0.00955308	2.70627	2.70627	0.818037	0.932482	-1.07241	0.231241	0.683235	-1.46362	0.599935	1.17414	1.17414	0.739996	1.1063	1.1063	0.541189	1.20639	1.20639	0.932702	1.02595	1.02595	0.04254	4.43386	1.29537	1
cg19726852	NFIA;NFIA;NFIA;NFIA	0.0659463	0.0447791	1.5581	1.5581	0.120576	0.72909	-1.36311	0.315344	1.2213	1.2213	0.887134	1.02772	1.02772	0.085028	1.44284	1.44284	0.0222584	1.69464	1.69464	0.141819	1.35539	1.35539	0.615816	0.907193	-1.1023	0.175499	0.757796	-1.31962	0.04252	1.78501	0.521264	1
cg04408364	ABCG4;ABCG4;ABCG4	0.0659476	0.2258201	1.36884	-1.15096	0.128379	1.19912	1.19912	0.0217098	1.35609	1.35609	0.0928255	0.990094	-1.01	0.206758	1.15857	1.15857	0.871287	1.01809	1.01809	0.0213663	0.736597	-1.35759	0.615291	1.01183	1.01183	0.146441	1.18793	1.18793	0.04249	0.588793	0.172021	1
cg25843174	TEAD1	0.0659486	0.0193955	0.6466	-1.54655	0.631179	1.07746	1.07746	0.0784067	0.739656	-1.35198	0.166486	0.796476	-1.25553	0.862531	1.02709	1.02709	0.730811	1.05472	1.05472	0.0212865	1.5326	1.5326	0.824557	0.966332	-1.03484	0.18129	0.803395	-1.24472	0.04247	1.14649	0.334958	1
cg27338287	LOC647309	0.0659505	0.239789	1.09075	1.0908	0.824634	1.22118	1.22118	0.151666	1.08	1.08	0.72688	0.926134	-1.07968	-1.28759	0.832108	0.99241	-1.09753	0.849151	1.03561	1.03561	0.024157	0.61018	-1.63896	0.313197	0.56892	-1.75957	0.920099	0.84869	-1.01847	0.090135	1.40945	1.40945	0.04244	1.62698	0.475344	1
cg14715098	PCLO;PCLO	0.0659514	0.136388	0.79023	-1.26545	0.163146	0.804757	-1.24261	0.0631372	0.735911	-1.35886	0.117184	0.779049	-1.28362	0.02186	0.667883	-1.49727	0.0325621	0.692791	-1.44344	0.0906363	1.01741	1.01741	0.505749	0.905684	-1.10434	0.00881872	0.613771	-1.62927	0.04242	1.03717	0.303024	1
cg08148891	BASP10	0.0659518	0.995574	1.00239	1.00379	0.2329456	1.473856	-2.11035	0.933567	1.05633	1.05633	0.867458	0.892331	-1.12066	0.0395081	0.797082	-1.07403	0.139625	0.511075	-1.95667	0.0850385	0.888071	1.88071	0.147038	2.87588	2.87588	0.222173	0.416848	-2.39885	0.04241	22.4138	6.54854	1
cg10134961	AGPAT5	0.0659522	0.391949	0.53374	-1.87357	0.00129885	0.034959	-28.6049	0.198518	0.37806	-2.64508	0.942334	1.05315	1.05315	0.363947	0.512805	1.95006	0.2999399	0.463068	-2.15951	0.169617	0.350882	-2.84996	0.154995	0.33639	-2.97274	0.928097	0.937433	-1.06674	0.04241	24.6915	7.21402	1
cg23167218	MATR3;SNHG4	0.0659524	0.589693	1.06116	1.06116	0.23819	1.1442	1.1442	0.166368	0.851377	-1.17457	0.405011	1.09735	1.09735	0.157094	1.17918	1.17918	0.365837	0.903661	-1.10661	0.0373873	0.694735	-1.4304	0.0515044	0.785303	-1.27339	0.643271	0.950421	-1.05217	0.0424	0.5728815	0.167358	1
cg04045777	C2orf54	0.0659531	0.0826784	0.594501	-1.68211	0.259351	0.707596	-1.41324	0.761503	1.0396	1.0396	0.950222	0.756494	-1.32189	0.0855602	0.661252	-1.51203	0.0729707	0.542655	-1.84279	0.14439	0.717223	-1.39427	0.846671	1.04189	1.04189	0.584272	1.88947	-1.12426	0.04218	2.16533	0.6326	1
cg00044463	GLT25D2	0.0659534	0.549826	1.45926	1.45926	0.739319	1.23193	1.23193	0.00622054	0.107773	-9.27877	7	7	7	0.0828745	0.301349	-3.31841	0.670087	1.30692	1.30692	0.448488	0.6172644	-1.62005	0.203677	2.31171	2.31171	0.217226	2.24991	2.24991	0.03816	16.9334	5.49221	1
cg09124254	SMOC2;SMOC2	0.0659536	0.131681	0.877102	-1.59464	0.0938373	0.674593	-1.48093	0.315598	1.14183	1.14183	0.377907	-1.34274	0.0635077	1.81907	0.932237	0.875987	-1.02469	0.0222584	1.69464	1.69464	0.141819	1.35539	1.35539	0.615816	0.907193	-1.1023	0.175499	0.757796	-1.31962	0.04252	1.78501	0.521264	1
cg05018741	TMCO7	0.0659548	0.11287	0.739712	-1.35188	0.0209728	0.615555	-1.62455	0.871727	1.02863	1.02863	0.25094	0.810928	-1.23315	0.628317	0.918305	-1.08896	0.493027	1.29134	1.12934	0.0305088	1.5598	1.55918	0.078397	0.731178	-1.40612	0.169653	0.774466	-1.29121	0.04236	1.47074	0.429708	1
cg16781264	NMS	0.0659576	0.0992314	0.17395	-5.71975	0.958373	0.958473	0.165021	0.571374	0.571374	0.714093	1.53383	1.53383	0.140736	6.30931	6.30931	1.26779	0.267794	0.382659	0.382659	0.00440786	83.0025	83.0025	0.0217787	24.561	24.561	0.0939608	8.50733	8.50733	0.04231	65.1196	19.0264	1
cg16706240	NCOR2;NCOR2	0.0659601	0.824061	1.04716	1.04716	0.743189	1.12816	1.12816	0.215455	1.04237	1.04237	0.779863	1.03099	1.03099	0.800146	0.755704	1.32327	0.215606	1.30963	1.30963	0.0033854	1.44098	1.44098	0.0756744	1.41346	1.41346	0.784406	1.05554	1.05554	0.04227	2.064	0.603059	1
cg02057833	RHOU	0.0659607	0.00727877	0.544608	-1.83618	0.758343	0.155567	-1.3566	0.112081	1.35491	1.35491	0.812414	1.0266	1.0266	0.0826113	0.713563	-1.40142	0.0808663	0.711891	-1.40471	0.502053	0.891886	-1.12122	0.253356	1.23179	1.23179	0.903453	0.978922	-1.02153	0.04225	1.48405	0.433875	1
cg12929164	C14orf143	0.0659618	0.278728	1.10239	1.10239	0.292495	1.32755	1.32755	0.142448	1.62113	1.62113	0.0937564	0.806447	-1.24194	0.0521163	0.577994	-1.73074	0.0878563	0.74217	-1.34731	0.0881483	0.899352	-1.1115	0.0818802	1.04218	1.04218	0.742254	1.02456	1.02456	0.04225	1.20606	0.348058	1
cg06587797	TUBB8;TUBB8	0.065965	0.335299	0.512219	-1.95229	0.384264	0.548441	-1.82335	0.0336671	0.188168	-5.31439	0.0856509	0.278276	-3.59555	0.0318422	0.183819	-5.44014	0.0889723	0.295839	-3.38021	0.120823	3.10421	3.10421	0.31883	0.499727	-2.00109	0.0268546	0.171107	-5.84428	0.04217	21.8433	6.38238	1
cg16749235	EBF2	0.0659661	0.0116683	0.554031	-1.80495	0.118012	0.228883	-4.36904	0.0871453	0.214938	5.21438	0.856	1.16551	1.16551	0.060076	0.154183	-6.48582	0.206119	1.14587	1.14587	0.965598	1.037002	1.03702	1.03702	0.304434	2.47892	2.47892	0.68119	0.705484	-1.41747	0.16265	38.7104	7.1435	1
cg20770046	ACOT7;ACOT7	0.0659661	0.1836761	0.799353	-1.25099	0.2078	1.0821	-1.24836	0.0775652	0.885775	-1.1291	0.613919	0.917652	-1.08979	0.3811	0.816939	-1.22407	0.14	0.638868	-1.56512	0.203147	0.672865	-1.48639	0.964742	1.02656	1.02656	0.429758	0.787721	-1.26944	0.04215	4.22156	1.23379	1
cg08441546	METTL9;METTL9	0.0659665	0.0102009	0.635729	-1.573	0.700019	1.05563	1.05563	0.272468	1.1732	1.1732	0.678001	0.943283	-1.06013	0.418796	0.890892	-1.12247	0.452208	0.808433	-1.11305	0.0140537	0.654422	-1.52807	0.479857	1.10566	1.10566	0.262557	1.17746	1.17746	0.04215	0.942249	0.275317	1
cg19435642	CCDC147	0.0659665	0.0203218	0.437417	-2.2859	0.0305915	0.264752	-3.77811	0.0644704	0.254705	-3.92752	0.641804	-1.84569	0.0550421	0.542979	1.84206	0.0203	0.260631	0.72993	-1.37005	0.0477504	0.545703	-1.8661	0.0429358	0.822858	-1.21548	0.0457921	0.732806	-1.36482	0.04215	1.12204	0.412204	1
cg10409187	SMPDL3A	0.0659683	0.233235	1.62883	1.62883	0.0173299	1.09044	1.09044	0.361796	0.693582	-1.44179	0.650211	0.836784	-1.19505	0.198567	1.58088	1.72152	0.820605	1.0927	1.0927	0.0212328	0.339243	-2.94774	0.167456	1.77596	1.77596	0.577936	1.24532	1.24532	0.04211	1.34038	2.14482	1
cg17504203	SPHK2	0.0659695	0.0268529	3.65495	3.65495	0.134663	2.21943	2.21943	0.3054	1.68976	1.68976	0.0988758	2.44591	2.44591	0.619395	0.780744	-1.28083	0.13895	2.1974	2.1974	0.00565953	6.01644	6.01644	0.08923	2.52527	2.52527	0.109206	2.37111	2.37111	0.04209	11.7717	3.43967	1
cg26565381	EVC2;EVC2	0.0659703	0.1708821	0.687415	-1.45495	0.0216835	0.329153	-3.03811	0.0134731	0.145331	6.88021	0.0184763	0.326792	-3.06048	0.0150421	0.153644	-6.50777	0.0994482	-1.34274	0.0635077	1.81907	0.932237	0.875987	-1.02469	0.0239484	2.12322	2.12322	0.31702	3.14531	3.14531	0.04209	0.242615	-3.13759	0.042308	3.56239	1.15769	1
cg26548311	MYO5A;MYO5A	0.0659744	0.407845	0.76701	-1.30376	0.0551365	0.97632	1.07632	0.00299002	0.58191	0.58191	0.462907	1.2678	1.26378	0.551625	1.20768	1.20768	0.360118	1.34283	1.34283	0.667641	0.878473	-1.14493	0.630404	0.859273	-1.16378	0.380496	0.754393	-1.32557	0.042	4.7293	1.38193	1
cg09730340	C14orf143	0.0659747	0.0814717	0.748635	-1.33637	0.0963178	0.322138	1.32138	0.0128407	0.176503	5.66394	0.0180844	0.338084	-2.95623	0.0533063	0.3884	-2.57494	0.0877447	0.736642	-1.35764	0.0881483	0.899352	-1.1115	0.0818802	1.04218	1.04218	0.742254	1.02456	1.02456	0.04209	1.20606	0.348058	1
cg13168746	MYSM1	0.0659755	0.534103	0.871666	-1.14723	0.819572	1.0511	1.0511	0.769903	0.938028	-1.06607	0.839399	1.04526	1.04526	0.111697	1.45915	1.45915	0.0273508	1.76724	1.76724	0.0565162	0.624429	-1.60146	0.253045	0.770752	-1.29743	0.0264771	0.563352	-1.77509	0.04198	2.29214	0.66978	1
cg06580770	TNXB	0.0659761	0.991684	1.00199	1.00199	0.9743151	1.01693	1.01693	0.0127966	0.696554	-1.43554	0.871811	0.696604	-1.43554	0.871811	0.944483	-1.05878	0.0379511	1.41902	1.41902	0.0108114	2.42509	0.375157	2.66511	0.548801	-1.82378	0.0161131	0.957048	-1.04488	0.04197	0.610128	1.75655	1
cg07122206	CYHR1	0.0659762	0.887707	0.03867	-1.03867	0.784353	1.70049	1.70049	0.291521	0.746498	-1.33959	0.167281	0.675883	-1.47955	0.183954	0.68625	-1.4572	0.0614015	1.75584	1.75584	0.0126824	1.734	1.77442	0.294504	0.749944	1.337	0.662204	1.734	1.734	0.04197	1.43767	1.00452	1
cg12811795	PLPBP1;PLPBP1;PLPBP1;PLPBP1;PLPBP1;PLPBP1;PLPBP1;PLPBP1;PLPBP1;PLPBP1	0.065978	0.0117541	0.594645	-1.68168	0.640041	1.0809	1.0809	0.730733	0.944538	-1.05872	0.0696437	1.39812	1.39812	0.876697	1.02598	1.02598	0.264318	0.82517	-1.21187	0.015069	0.61055	-1.63787	0.611233	0.918817	-1.08836	0.749133	0.948388	-1.05442	0.04193	1.31426	0.384043	1
cg05890219	MPND;MPND	0.0659783	0.295788	0.688629	-1.12533	0.721097	0.961711	-1.03981	0.691789	1.04435	1.04435	0.0905135	0.699247	-1.43011	0.737997	0.964097	-1.03724	0.25635	1.13773	1.13773	0.00676767	0.682297	-1.46564	0.807511	0.973765	-1.02694	0.880736	0.984639	-1.0156	0.04193	0.571462	0.166988	1
cg23081438	KCNA7	0.0659804	0.0599404	0.331825	-3.01264	0.0212178	0.196859	-5.07987	0.0220918	0.196659	-5.08495	0.613138	0.767317	-1.30324	0.0292336	0.267933	-3.73319	0.193219	0.790988	0.826177	-1.21039	0.751679	1.33056	0.555204	1.14273	0.928142	1.04884	1.04884	0.0319973	0.222613	-4.47201	0.04184	13.4644	3.93458	1
cg18235994	GAUNT7	0.065983	0.526395	1.15533	1.15533	0.24937	1.311	1.311	0.615249	0.89344	-1.11927	0.779847	1.0656	1.0656	0.908183	1.02629	1.02629	0.230951	1.32664	1.32664	0.00211738	0.585586	-2.64279	0.91921	0.977438	-1.02308	0.41185	1.20772	1.20772	0.04184	2.43738	0.712254	1
cg22161147	AFAP1;AFAP1;LOC84740	0.0659853	0.189931	1.30493	1.30493	0.0983369	0.109392	-9.1414	0.0220759	0.191612	-5.2177	0.132938	0.580552	-1.72342	0.0911257	0.158803	-6.29777	0.0747042	0.641705	-1.55842	0.0941591	0.624279	-1.60211	0.111532	2.06434	-3.75128	0.117471	0.246782	-4.05224	0.0408	31.7371	7.23189	1
cg17889103	UQCRB	0.0659853	0.0969444	0.738925	-1.35332	0.579925	0.911336	-1.09729	0.0048046	0.537192	-1.86153	0.912444	1.01843	1.01843	0.111066	0.749553	-1.33413	0.0656897	1.40917	1.40917	0.180005	0.958926	-1.04283	0.844713	0.967959	-1.0331	0.817768	1.03907	1.03907	0.0418	1.32858	0.388244	1
cg18870769	GPS	0.0659856	0.0372018	0.49395	0.49395	0.107592	1.1032	1.1032	0.339338	1.31815	1.31815	0.20936	1.44547	1.44547	0.022839	1.52374	1.52374	0.096021	1.54554	1.54554	0.0108986	1.99353	1.99353	0.0512212	1.85896	1.85896	0.0508536	1.88276	1.88276	0.04179	41.4995	12.1272	1
cg27139457	CAPG	0.0659856	0.881207	0.962843	-1.03859	0.399702	0.803277	-1.2449	0.00876248	0.415138	-2.40859	0.924101	1.02442	1.02442	0.497279	0.825883	-1.21083	0.0904011	1.61545	1.61545	0.0837493	1.63604	1.63604	0.178455	1.44102	1.44102	0.229595	0.725032	0.137925	1.24774	1.25462	0.772999	1
cg01777643	CNIH3	0.0659873	0.177314	5.79975	5.79975	0.0318666	21.9035	21.9035	0.0850835	10.3456	10.3456	0.350857	0.307773	-3.24915	0.208962	0.196837	-5.08036	0.259116	4.24124	4.24124	0.446868	0.386175	-2.5895	0.0142537	40.8455	40.8455	0.384652	2.98587	2.98587	0.04176	72.5561	21.2029	1
cg18132611	CTBS	0.0659883	0.3125211	1.4096	1.4096	0.0672297	0.761196	1.31196	0.0886	1.65209	1.65209	0.0888416	0.904262	-1.10577	0.0744163	0.604262	-1.65479	0.0127015	0.290977	-3.4367	0.0990526	0.704129	-1.4202	0.0656766	1.02477	1.02477	0.764997	1.02477	1.02477	0.04176	0.643412	-1.55417	0.04175	1.02477	0.23789	1
cg00123800	WSB1;WSB1	0.0659894	0.734256	0.898688	-1.11273	0.68929	1.58327	1.58327	0.0336174	2.17619	2.17619	0.554719	1.20601	1.20601	0.044587	0.485298	-2.06059	0.232107	1.48123	1.48123	0.0244334	0.491663	-2.31769	0.784984	1.08952	1.08952	0.584523	1.18899	1.18899	0.04173	4.73459	1.3836	1
cg19710153	WDR82	0.0659903	0.122446	0.746571	-1.3404	0.0971949	0.271049	-3.69007	0.0133647	0.183488	-5.45021	0.870996	0.369109	-2.70837	0.0131188	0.136472	-7.32802	0.0118823	0.701913	-1.42503	0.0971593	0.56044	1.7844	0.265553	0.870163	-1.14924	0.543328	0.807573	-1.23864	0.04166	0.8075733	0.240166	1
cg09419402	MAP2K3	0.0659933	0.657243	1.0988	1.0988	0.0596691	0.638658	-1.56578	0.901676	0.97426	-1.02642	0.141818	1.3955	1.3955	0.55237	1.13522	1.13522	0.414822	1.19227	1.19227	0.00346798	2.30969	2.30969	0.25822	1.28262	1.28262	0.969682	1.08085	1.08085	0.04165	2.14431	0.626652	1
cg02190610	MYU/F	0.0659939	0.694637	0.87235	-1.14633	0.479801	0.779521	-1.28284	0.598923	1.2018	1.2018	0.280076	1.58856	1.58856	0.0811035	0.506737	-1.97341	0.646219	1.17354	1.17354	0.0150047	2.91242	2.91242	0.54981	1.23326	1.23326	0.0140883	2.95696	2.95696	0.04157	6.07354	1.44259	1
cg22374415	CALCB	0.0659955	0.213306	1.56953	1.56953	0.0715306	0.178605	1.07865	0.0107703	0.128128	7.80675	0.0178752	0.325	-3.07692	0.0134258	0.146456	-6.82755	0.0927	0.646446	-1.54707	0.0907407	0.594191	1.68273	0.149349	1.60115	1.60115	0.377005	0.546746	1.82901	0.04157	4.43582	1.04454	1
cg20005934	YY1	0.0659958	0.241349	0.766336	-1.30491	0.0149498	0.522393	-1.91427	0.291568	0.788615	-1.26805	0.0382972	0.68362	1.68362	0.760869	1.06848	1.06848	0.122205	0.695246	-1.43834	0.100405	0.676352	-1.47852	0.850293	1.04185	1.04185	0.12844	0.7000063	-1.42844	0.04161	2.26833	0.662905	1
cg09397602	SNORD88A;C19orf48;C19orf48	0.0659958	0.0695146	0.490104	-2.04008	0.0327749	0.142096	-7.03766	0.0236826	0.146103	-6.84193	0.0996387	0.344099	-2.90547	0.0243201	0.104328	-9.58603	0.0288844	0.414111	-2.41481	0.0337418	0.157898	-6.33153	0.0722852	0.564155	0.583733	-1.71394	0.113221	0.576357	-1.73509	0.04152	1.03476	0.30542	1
cg11362192	PHF11;PHF11	0.0659991	0.95221	0.963233	-1.03817	0.0152636	0.43657	-2.29057	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24466873	NBL4;DDB1	0.0661006	0.485215	0.72232	-1.38443	0.715644	1.1827	1.1827	0.446614	1.42732	1.42732	0.0210538	1.39393	1.39393	0.845756	0.914544	1.09344	0.771469	0.974959	-1.14291	0.530746	0.747328	-1.3381	0.00314413	6.36924	6.36924	0.974839	1.01457	1.03969	10.1274	2.96153	1
cg21731345	PKN1;2	0.0660115	?	?	0.3354612	10.5723	10.5723	0.531169	1.81772	1.81772	1.81772	0.126278	4.8275	4.8275	0.0096206	0.1437	-6.95896	0.0838851	0.160879	-6.21584	?	?	?	0.292275	0.355889	-2.80987	0.376663	0.424715	-2.35452	3.36125	35.8307	10.66	1
cg10241462	GLS	0.0660104	0.430483	0.861076	-1.16134	0.0148426	1.74553	1.74553	0.0722623	1.4519	1.4519	0.707393	1.0726	1.0726	0.0222479	1.66417	1.66417	0.43602	0.862681	-1.15918	0.255064	1.24716	1.24716	0.363117	0.840522	-1.18974	0.116923	1.37244	1.37244	0.103964	1.66324	0.486387	1
cg20494277	CUX1;CUX1;CUX1	0.0660156	0.835265	0.879105	-1.13741	0.0396836	4.35254	4.35254	0.0558756	3.81657	3.81657	0.609839	1.42637	1.42637	0.475682	0.638595	-1.56594	0.220838	0.4512	-2.21631	0.0151583	0.158057	-6.32684	0.923592	1.08151	1.06111	0.258634	0.482496	-2.07256	0.0396	18.4059	5.38256	1
cg07739803	SLC30A7;EXTL2;EXTL2;SLC30A7	0.0660157	0.095987	0.859191	-1.16389	0.0561561	0.835641	-1.19669	0.571527	0.953644	-1.04861	0.184489	0.889718	-1.12395	0.0107224	0.786027	-1.27222	0.078496	0.850237	-1.17614	0.0627606	0.84045	-1.18984	0.202882	1.11806	1.11806	0.0506224	0.831184	0.0231	0.3395	0.0970167	1
cg26185009	AGPAT1;AGPAT1 P4HA2;P4HA2;P4HA2;P4HA2;P4HA2;P4	0.0660159	0.189141	0.503335	-1.98675	0.248838	1.81278	1.81278	0.30104	1.69694	1.69694	0.0798588	1.38321	1.38321	-2.60954	0.0587761	1.34878	-2.26475	-2.88757	0.474381	1.42404	1.42404	1.81405	0.498286	-2.00688	0.03959	11.7243	3.42863	1
cg24117468	HA2;P4HA2	0.0661064	0.0247693	0.357456	-2.79755	0.0747442	0.465786	-2.14691	0.0494848	0.421097	-2.36968	0.664075	0.845191	-1.18316	0.0241551	0.355294	-2.81457	0.976353	1.01147	1.01147	0.312984	0.669179	-1.49437	0.0103863	0.288028	-3.47188	0.314565	0.670116	-1.49228	0.03958	7.1322	2.08573	1
cg20053685	OTOF	0.0661066	0.0991315	4.19965	4.19965	0.0220516	8.84167	8.84167	0.0597746	5.39823	5.39823	0.105908	4.06265	4.06265	0.0434235	1.88589	1.88589	0.264553	2.51692	2.51692	0.0155408	10.544	10.544	0.0677323	0.57509	0.0177147	0.868884	9.86884	1.03958	30.3312	8.86999	1
cg18050903	RASGEF1B	0.0660187	0.0644236	0.41874	-2.38812	0.454011	0.726457	-1.37654	0.711288	0.855753	-1.16856	0.990873	1.0048	1.0048	0.00161868	0.150558	-6.64196	0.849218	0.923349	-1.08301	0.330227	0.656399	-1.52346	0.486844	1.3445	1.3445	0.437095	0.717373	-1.39398	0.03954	8.45154	2.47158	1
cg27693757	ORAOV1	0.0661079	0.0424865	0.490266	-2.03971	0.0380367	0.934472	1.07035	0.79695	0.961984	0.985835	-1.01438	0.414444	0.776893	-1.2864	0.00744807	0.150073	-2.80841	0.589034	0.849224	-1.17755	0.947372	0.984014	-1.01998	0.744701	0.909247	0.906737	-1.31753	1.0395	4.92222	1.26402	1
cg10609371	DCAF15;PODN1;PODNL1	0.066111	0.969251	1.01504	1.01504	0.0756299	1.07709	0.295209	1.52261	1.52261	0.540028	1.27159	1.27159	0.841552	0.925394	-1.08062	0.0599998	0.439655	-2.27541	0.165475	0.563886	-1.77341	0.4278	0.720288	-1.3712	0.333436	0.679505	-1.47166	0.0395	7.22067	2.11166	1
cg02885428	FRMD1	0.0661112	0.206758	0.807914	-1.23842	0.27474	0.808414	-1.23699	0.146062	0.766276	-1.30417	0.959778	0.988512	-1.01162	0.779975	1.059337	1.05937	0.864418	1.0325	1.0325	0.0923168	2.21249	2.21749	0.388777	1.65154	1.65154	0.957483	0.990072	-1.01003	0.03949	5.68655	0.489741	1
cg19995094	INTS8	0.0661133	0.0578914	0.407505	-2.45396	0.861104	0.929297	-1.07608	0.710483	1.16896	1.16896	1.113791	2.05521	2.05521	0.112201	0.26292	2.06292	0.406344	1.42713	1.42713	0.0101613	0.257357	-3.88566	0.251408	0.605492	-1.65155	0.913268	0.955407	-1.04667	0.03946	8.4389	2.46796	1
cg01161877	UBLCP1	0.0661147	0.100295	0.344035	-2.90668	0.0383644	0.241213	-4.14572	0.099677	0.34324	-2.91341	0.7369	0.818874	-1.22119	0.0194848	0.489884	0.332736	-3.09851	0.0239971	0.202768	-4.93175	0.0129878	0.160918	-6.21435	0.925984	0.219993	-4.5456	0.38554	0.590255	-1.69418	0.03943	16.9063	4.94429	1
cg10894807	TAF2;TAF2	0.0661164	0.836841	0.90964	-1.09993	0.233714	1.19252	1.19252	0.0328088	1.48788	1.48788	0.0565403	1.53948	1.53948	0.0221289	1.72198	1.72198	0.790191	0.98324	-1.01704	0.194292	1.217	1.217	0.153947	0.803598	-1.2444	0.144747	0.799309	-1.25108	0.1094	0.984559	0.28794	1
cg06423193	DERA	0.0661185	0.742999	1.11488	1.11488	0.0346016	0.442924	-2.25773	0.157138	0.606476	-1.64887	0.643648	0.857295	-1.16646	0.0074704	0.320326	-3.12182	0.534558	1.23108	1.23108	0.156865	0.606249	-1.64949	0.169805	1.62147	1.62147	0.243411	0.66802	-1.49696	0.03936	5.25881	1.53799	1
cg04707132	HS2ST1	0.0661197	0.112975	0.280505	-3.565	0.162063	0.932883	-1.0043	0.272813	0.432093	-2.31431	0.362141	0.504591	-1.9818	0.0165337	0.207047	-4.83283	0.0460726	0.185563	-5.38899	0.0910943	0.256596	-3.89718	0.0183421	3.98523	5.86169	0.0865613	0.24784	-4.03486	0.03934	26.1563	7.64387	1
cg07153098	LOC388965	0.0661204	0.159825	0.759877	-1.3161	0.1152506	1.36769	1.36769	0.0250292	0.614194	-1.62815	0.960669	1.02182	1.02182	0.815068	0.958069	-1.04377	0.232697	1.25709	1.25709	0.0155271	1.72057	1.72057	0.396626	1.17398	1.17398	0.932122	1.0157	1.0157	0.03933	1.60899	0.470569	1
cg19140410	RPTOR;RPTOR;RPTOR;RPTOR	0.0661217	0.218529	0.865663	-1.15518	0.116399	0.826814	-1.20946	0.0602773	0.78963	-1.26642	0.0593944	0.788823	-1.26771	0.264991	0.878543	-1.13825	0.0587447	0.788222	-1.26868	0.0123806	0.706768	-1.41489	0.887419	0.984334	-1.01591	0.157268	1.18363	1.18363	0.3993	0.598074	0.174916	1
cg18376896	TUBAL3	0.0661218	0.130349	0.496021	-2.0139	0.0606483	0.957751	-1.0291	0.0607277	0.224309	-4.45814	0.149753	0.516325	-1.93641	0.0985099	0.404529	-2.47124	0.0080402	0.24088	-4.15345	0.0776187	0.419337	-2.38415	0.18404	0.624334	-1.60222	0.214717	0.571747	-1.74903	0.0393	8.81913	2.57929	1
cg02655864	RNMTL1;GLOD4	0.0661219	0.542353	1.14451	1.14451	0.159729	0.719786	-1.3893	0.99968	1.00009	1.00009	0.0272811	0.564568	-1.77127	0.00678	0.464013	-2.15511	0.475404	0.85113	-1.17215	0.398241	0.827543	-1.2084	0.764128	1.07368	1.07368	0.143523	1.41059	1.41059	0.0393	2.30565	0.674321	1
cg20897119	CAV1	0.0661228	0.211296	0.7883	-1.26863	0.0715964	1.89269	1.89269	0.0206	1.61767	1.61767	0.153685	1.61859	1.61859	0.0137489	1.68215	1.68215	0.601991	0.845306	-1.18307	0.0135486	0.350221	-2.85534	0.0478209	1.7401	1.7401	0.0138329	1.56491	1.56491	0.03928	4.34899	1.41583	1
cg24598925	SEC16B	0.0661233	0.0678562	0.614348	-1.62774	0.049461	0.586248	-1.70576	0.00968116	0.458527	-2.1809	0.539374	1.15954	1.15954	0.439751	1.20647	1.20647	0.223343	0.737294	-1.35631	0.103823	0.654629	-1.52758	0.546029	1.15667	1.15667	0.115569	0.665314	-1.50305	0.03927	2.73134	0.798829	1
cg24399924	ATOH8	0.0661237	0.0142687	0.429425	-2.32869	0.816741	1.06708	1.06708	0.630905	0.876242	-1.14124	0.750552	0.914655	-1.09331	0.0143432	0.429826	-2.32652	0.771584	0.92181	-1.08482	0.0159406	0.43802	-2.283	0.591726	1.1635	1.1635	0.856254	1.05202	1.05202	0.03927	3.76565	1.10133	1
cg26145736	SLC5A9	0.0661238	0.0941641	0.419317	-2.38359	0.443556	0.839526	-1.19145	0.0958	0.428574	-2.33254	0.0958	0.428574	-1.3805	0.0018233	0.19582	-5.10734	0.0709371	0.455906	-2.19385	0.137482	0.748302	0.64362	-1.55373	0.142347	2.2308	0.127378	0.642948	-1.55534	0.03926	11.3234	3.20418	1
cg22398909	PET112L	0.0661258	0.130367	0.67063	-1.49114	0.114497	1.52167	1.52167	0.151338	1.45645	1.45645	0.646622	1.11951	1.11951	0.256938	0.748743	-1.33557	0.862242	1.04339	1.04339	0.0304672	0.536898	-1.86255	0.994812	1.00159	1.00159	0.0189963	0.499311	-2.00276	0.03923	2.87886	0.841987	1
cg18121355	GDNF	0.066126	?	?	?	?	0.9339	0.93379	0.123122	0.95403	1.04935	0.0493348	0.905889	1.04935	0.142443	0.530813	-1.88461	0.0063565	0.23965	-4.17255	0.553198	?	-1.27354	?	?	0.834111	0.919163	-1.08795	0.31356	6.12868	2.27424	1
cg06605818	TRPV1;TRPV1;TRPV1;TRPV1	0.0661263	0.482073	0.89402	-1.11854	0.0159745	1.58966	1.58966	0.998173	0.99964	-1.00036	0.489616	0.895585	-1.11659	0.370904	0.865572	-1.15531	0.768561	1.04746	1.04746	0.0192238	1.560155	1.560155	0.0861896	0.725511	-1.37834	0.55032	1.19982	1.19982	0.03925	1.18835	0.347559	1
cg27378180	CSPG4	0.0661295	0.412844	0.883831	-1.13144	0.0161893	0.647999	-1.54321	0.575048	0.808368	-1.23706	0.462188	0.895479	-1.11672	0.136159	0.789109	-1.26725	0.0570087	1.3739	1.3739	0.0347532	0.695581	-1.43765	0.170463	0.806289	-1.24025	0.686499	1.06167	1.06167	0.03916	1.04718	0.306277	1
cg18601261	STK38L;STK38L	0.0661298	0.0827868	0.713305	-1.40214	0.0975751	0.995147	-1.0048	0.563767	0.856377	-1.16798	0.260822	0.763494	-1.30953	0.0209405	0.644517	-1.55155	0.112706	0.63166	-1.5813	0.0244564	0.325547	-3.07175	0.773683	1.0973	1.0973	0.280062	1.3482	1.3482	0.03916	3.40756	0.996639	1
cg03116917	DYRK1B;DYRK1B;DYRK1B	0.0661299	0.548797	0.957981	-1.04429	0.0135074	1.24407	1.24407	0.29845	1.08002	1.08002	0.504684	1.04951	1.04951	0.0013088	0.890049	-1.12353	0.55676	0.95834	-1.04337	0.592482	0.962141	-1.03935	0.0125053	1.24849	1.24849	0.623528	1.03597	1.03597	0.03915	0.245588	0.0718293	1
cg11356571	EHD2	0.0661302	0.97002	0.982414	-1.01756	0.0715964	1.89269	1.89269	0.0206	0.940559	1.06349	0.144515	0.837511	1.19378	0.193432	0.899139	1.11214	0.945767	1.05722	1.05722	0.0139744	1.377176	1.377176	0.0191691	1.183731	1.183731	0.0900287	0.814272	1.22837	1.22837	0.03913	1.41583	1
cg19234495	C1orf210;C1orf210	0.0661314	0.56681	1.31645	1.31645	0.0498651	2.89276	2.89276	0.468189	0.70432	-1.41981	0.793424	1.13273	1.13273	0.015586	0.244534	-4.08941	0.124508	0.453926	-2.203	0.265908	0.57664	-1.73419	0.0315887	3.307636	-3.25059	0.444546	0.690664	-1.44793	0.03912	10.8551	3.17491	1
cg07697082	SNX16;SNX16;SNX16	0.0661323	0.0616161	0.715128	-1.39835	0.0297457	0.665371	-1.50292	0.586737	0.9163	-1.09135	0.374404	1.15628	1.15628	0.112359	0.759345	-1.31692	0.443054	1.13264	1.13264	0.0185804	0.634748	-1.57543	0.218996	0.813924	-1.22862	0.0471233	0.696406	-1.43594	0.03911	1.22087	0.357084	1
cg14161977	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.0661342	0.5083037	1.1966	1.1966	0.1733814	1.80269	1.80269	0.0206	1.61767	1.61767	0.153685	1.61859	1.61859	0.0137489	1.68215	1.68215	0.601991	0.845306	-1.18307	0.0135486	0.350221	-2.85534	0.0478209	1.7401	1.7401	0.0742214	1.45252	1.45252	0.03908	4.34899	1.41583	1
cg18261462	SKAP1;SKAP1	0.0661348	0.057163	15.24	15.24	0.0798906	11.7039	11.7039	0.0982094	9.93294	9.93294	0.399407	0.335547	-2.9802	0.419058	0.351646	-2.84377	0.212577	0.189788	-5.26903	0.357986	0.302237	-3.30866	0.133851	7.74112	7.74112	0.026551	27.883	27.883	0.03906	77.121	22.557	1
cg15398841	PF4	0.0661351	0.0561313	0.418217	-2.39225	0.0384735	1.29475	1.29475	0.144824	0.432742	-2.31084	0.539551	0.773746	-1.29233	0.0144284	0.429542	-2.32864	0.0190507	0.0962	-10.3945	0.0106202	0.140567	-7.11393	0.0114059	4.2734	4.2734	0.0121969	2.34006	-4.2734	0.0121969	0.03904	8.3848	2.64375	1.63133	1
cg13255542	THYN1;THYN1;THYN1;THYN1	0.0661369	0.769529	1.05171	1.05177	0.894539	1.02305	1.02305	0.176353	0.781188	-1.2801	0.205699	0.795053	-1.25778	0.0218402	0.623289	-1.60439	0.414221	1.15418	1.15418	0.20446	0.801461	-1.24772	0.0184041	1.63449	1.63449	0.182586	0.784274	-1.27506	0.03902	1.42051	0.415486	1
cg21577793	HRNBP3	0.0661413	0.0774156	4.11168	4.11168	0.0385435	5.61914	5.61914	0.723736	1.29125	1.29125	0.169092	2.87252	2.87252	0.195852	2.67827	2.67827	0.0870859	3.89915	3.89915	0.308158	0.467799	-2.13767	0.00995582	10.4264	10.4264	0.0559105	4.75781	4.75781	0.03894	24.9666	7.30272	1
cg27164093	DNM1	0.0661418	0.37022	1.31318	1.31318	0.1535441	1.13447	1.13447	0.0431618	1.34306	1.34306	0.134579	2.01895	2.01895	0.0144124	2.12139	2.12139	0.501581	1.73672	1.73672	-1.35797	0.0899084	2.633125	2.633125	-2.3088	0.212716	1.79976	1.79976	0.02586	1.59503	1.86394	0.364966	2.82252	1
cg21025446	UBAS;ACAD11	0.0661421	0.091809	0.598823	-1.66994	0.934111	0.02303	1.02303	0.183882	0.677416	-1.4762	0.595941	1.15932	1.15932	0.0042387	0.348104	2.8727	0.199944	0.687931	-1.45363	0.166805	0.6668	-1.4997	0.905643	1.0331	1.0331	0.0309449	0.49664	-2.01353	0.03893	3.6733	1.07444	1
cg22796363	SMYD2	0.0661424	0.305043	0.7205	-1.38804	0.0636639	0.726326	0.534468	0.0577	0.816375	1.22477	0.0729173	0.888172	1.12583	0.0170738	0.760134	-1.31548	0.880714	0.940247	-1.06357	0.398817	0.708243	0.88537	-1.12953	0.0132378	0.60196	0.399442	-2.50546	0.30602	0.0189	0.0972	0.0984559	0.28794	1
cg17151223	RNC1	0.0661427	0.0566011	0.199849	-5.00377	0.0163449	0.111895	-8.93698	0.142067	0.307985	-3.24691	0.112306	0.275279	-3.63268	0.115593	0.27677	-3.6131	0.0480975	0.185329	-5.39582	0.0119799	0.0964279	-10.3704	0.0802746	0.235096	-4.25357	0.0931003	0.251983	-3.96852	0.03892	26.7944	7.83741	1
cg17164093	RBP12;RRP12;RBP12;RRP12	0.0661431	0.180133	1.27427	1.27427	0.1644846	1.4808	1.4808	0.12322	0.95403	1.04935	0.0493348	0.905889	1.04935	0.142443	0.530813	-1.88461	0.0063565	0.23965	-4.17255	0.553198	0.748302	-1.27354	?	?	0.834111	0.919163	-1.08795	0.31356	6.12868	2.27424	1
cg20244984	EIF3K	0.0661442	0.430285	1.21777	1.21777	0.0105635	0.455136	2.19714	0.309763	1.07383	1.07383	0.129335	0.582606	0.872985	1.14549	0.367435	1.25437	1.25437	0.0387173	0.140493	0.0109229	0.203331	-4.92026	0.0310345	0.770393	1.29804	0.493872	0.834636	-1.18534	0.03889	2.88261	0.843177	1
cg07720160	HLA-L	0.0661443	0.168566	0.559235	-1.78816	0.140624	1.87364	1.87364	0.566285	1.25818	1.25818	0.89383	0.948479	-1.05432	0.0247745	0.346902	-2.88266	0.340072	0.677398	-1.47624	0.185148	0.573113	-1.74486	0.0203781	3.02655	3.02655	0.4723032	0.748421	-1.33615	0.03889	7.55283	2.20924	1
cg07151155	UPCAT1	0.0661453	0.218575	0.708324	-1.41139	0.0729586	1.02796	1.02796	0.0420099	0.910096	1.09864	0.137335	0.854359	1.17045	0.0150514	0.644525	-1.55155	0.112706	0.63166	-1.5813	0.0244564	0.325547	-3.07175	0.773683	1.0973	1.0973	0.280062	1.3482	1.3482	0.03916	3.40756	0.996639	1
cg00729260	DHX38;TXNL4B;TXNL4B;DHX38;TXNL4B	0.0661469	0.742377	0.950144	-1.05247	0.19226	1.23861	1.23861	0.00437772	1.80411	1.80411	0.531536	1.30325	1.30325	0.0139043	0.747926	-1.33703	0.210183	0.814861	-1.2272	0.318935	1.17316	1.17316	0.329153	1.169	1.169	0.786267	1.04304	1.04304	0.03884	1.15696	0.33842	1
cg23340249	PLXNA1	0.0661479	0.450507	0.858259	-1.16515	0.00542165	0.483113	-2.06991	0.109057	0.706521	-1.41539	0.582735	1.11662	1.11662	0.0182998	0.560934	-1.76699	0.481436	0.8674	-1.15287	0.077831	0.67734	-1.47636	0.186134	0.756798	-1.32136	0.160978	0.742558	-1.3467	0.03882	1.90207	0.556376	1
cg22528123	SMAD3;SMAD3	0.0661492	0.518231	1.19802	1.19802	0.0252325	2.0384	2.0384	0.133913	1.56185	1.56185	0.51601	1.1992	1.1992	0.125689	1.57946	1.57946	0.955736	0.98406	-1.01543	0.0442271	2.85138	2.85138	0.0356651	1.96285	1.96285	0.542448	1.18539	1.18539	0.0388	3.66164	1.07108	1
cg08578869	SCRIB;SCRIB;MIR937	0.0661494	0.343074	0.66006	-1.51537	0.0742677	1.54246	1.54246	0.183327	2.7655	2.7655	0.0732382	2.31227	2.31227	0.0166788	2.68151	2.68151	0.0109579	0.156627	-6.42563	0.0773292	0.084151	-11.7904	0.0329961	1.05256	1.05256	0.540938	0.607221	-1.43427	0.0388	0.4099	0.477902	1
cg24826392	TPRKB;TPRKB	0.0661492	0.447126	1.11973	1.11973	0.406537	1.13193	1.13193	0.585802	1.08362	1.08362	0.344407	1.15274	1.15274	0.422482	1.12702	1.12702	0.982597	0.996822	-1.00319	0.00504071	0.581973	-1.71829	0.141387	0.793885	-1.25963	0.0656801	0.739737	-1.35183	0.0388	1.02515	0.299871	1
cg26449379	OCIL1	0.0661501	0.358837	1.21254	1.21254	0.199083	0.757936	-1.31937	0.571293	0.889713	-1.12396	0.0028404	0.431227	-2.31896	0.667375	1.05945	1.05945	0.0189065	0.03318	0.0311	0.0311818	0.188154	5.31639	5.31639	0.0311818	32.1061	5.31639	0.0311818	0.03878	0.00786	0.587329	0
cg20708135	TSKU	0.0661503	0.240454	0.65404	1.65406	0.3876111	1.43706	1.43706	0.0909046	0.466513	-2.14356	0.118497	2.00159	2.00159	0.124572	0.97561	0.97561	0.0222578	0.37067	0.37067	0.186085	0.502343	0.756715	-1.32151	0.33878	0.33878	0.0233704	0.562543	0.756715	-1.3215	0.03878	8.06924	2.36037	1
cg00507823	ZNF821;ATXN1L	0.0661509	0.502567	0.862091	-1.15997	0.286077	0.785363	-1.2733	0.874162	0.966026	-1.03517	0.890476	0.9704	-1.0305	0.451262	0.845871	-1.18221	0.00387157	0.428041	-2.33623	0.0301827	0.573556	-1.74351	0.144923	1.40695	1.40695	0.359838	0.814392	-1.22791	0.03877	2.289	0.669569	1
cg23361356	SLC6A3	0.0661524	0.558264	1.09722	1.09722	0.0144846	1.4808	1.4808	0.12322	0.95403	1.04935	0.0493348	0.905889	1.04935	0.142443	0.530813	-1.88461	0.0063565	0.23965	-4.17255	0.553198	0.748302	-1.27354	?	?	0.834111	0.919163	-1.08795	0.31356	6.12868	2.27424	1
cg02248325	MBTPS1	0.0661535	0.0830617	0.33416	3.03416	0.0268186	6.63612	6.63612	0.147634	2.44507	2.44507	0.0106416	6.66616	6.66616	0.260041	2.05895	2.05895	0.0358798	0.4513	2.4513	0.040325	0.611495	-1.63534	0.866037	0.908347	-1.1009	0.98487	1.01085	1.01085	0.32719	0.1436	3.90792	1
cg16332631	RPS6KA4;RPS6KA4	0.066159	?	?	?	?	0.474333	-2.10756	0.647063	0.892581	-1.12057	0.0914129	0.678405	-1.47385	0.0234565	0.443541	-2.04207	?	?	?	?	0.425574	-2.34988	0.0314313	0.454964	-2.19798	0.0245752	0.545659	-1.83309	0.03861	0.18783	0.0625923	1
cg21540984	UACA;UACA	0.0661557	0.0377546	2.70112	2.70112	0.780466	2.891168	-1.12212	0.547764	0.778142	-1.28511	0.917865	1.04346	1.04346	0.268488	1.60848	1.60848	?	0.958329	-1.04841	0.00263437	0.56562	0.56562	0.361801	1.47191	1.47191	0.184382	1.78717	1.78717	0.03868	2.18437	2.39413	1
cg20139421	TXNDC6	0.0661561	0.526332	0.935424	-1.06903	0.0125124	0.722792	-1.38352	0.01401	0.728307	-1.37305	0.0652057	0.805485	-1.24149	0.66247	1.04697	1.04697	0.671429	0.956394	-1.04559	0.4021	1.09375	1.09375	0.151432	0.851619	-1.17423	0.102139	0.829494	-1.20555	0.03868	0.525496	0.153721	1
cg21787078	CSMD2	0.0661572	0.6002224	1.20455	1.20455	0.0419317	2.01288	2.01288	0.0767372	1.32485	1.32485	0.242315	1.95799	1.95799	0.0187837	1.85044	1.85044	0.0850706	0.27576	-3.62614	0.0276476	0.241331	4.14097	4.14097	0.0077102	1.74117	1.74117	0.0279702	1.01116	1.01116	0.033493	0.671115	4.49006	1.37864	0.27446	1
cg21555122	ZNF594	0.0661597	0.91839	1.01245	1.01245	0.0181557	1.41373	1.41373	0.280298	1.14197	1.14197	0.613057	1.06348	1.06348	0.667994	0.949254	-1.05346	0.123651	1.22296	1.22296	0.0233307	1.38697	1.38697	0.0648728	0.778617	-1.28433	0.152872	2.20295	1.20295	0.03861	0.70108	0.205088	1
cg15004273	H2BFM;MIR1256	0.0661601	0.426552	0.854453	-1.16999	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	Fold-Change(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(4773 vs. N)	Fold-Change(4773 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17524478	SCUBE1	0.0662655	0.993813	0.980812	-1.00199	1.2232891	0.725484	-1.37839	0.00747786	0.4123983	-2.42135	0.236453	0.7327311	-1.37493	0.1230996	0.65643	-1.52339	0.0848095	1.63101	1.63101	0.873471	1.04175	1.04175	0.1131442	1.51888	1.51888	0.693662	0.903381	1.10085	3.16862	0.927454	1
cg00715835	TMEM188A	0.066257	0.0515632	0.680944	-1.46855	0.1143555	0.592489	-1.68779	0.2323097	0.8047541	-1.24262	0.916588	0.01833	1.01833	0.103729	1.06428	1.06428	0.156389	1.30072	1.30072	0.0497998	1.47406	1.47406	0.559957	0.902835	-1.10762	0.530475	0.895661	-1.11649	0.30683	1.44637	0.423356	1
cg20586239	FAM27L	0.0662573	0.0059774	0.359299	-2.7832	0.49019	0.819017	-1.22098	0.085407	0.581786	-1.71885	0.255283	0.712975	-1.40257	0.0174293	0.418452	-2.28075	0.20622	0.684004	-1.46198	0.789959	0.926774	-1.07901	0.0336017	0.493112	-2.02794	0.157468	0.650124	-1.53817	0.03683	3.9025	0.14228	1
cg08817422	KIAA1949;KIAA1949;KIAA1949	0.0662576	0.0863184	0.633427	-1.57871	0.179754	1.40964	0.40864	0.463277	1.1971	1.1971	0.0520434	0.587083	-1.70334	0.381993	1.24117	1.24117	0.23258	0.739599	-1.35208	?	?	?	0.0178022	0.4094947	-2.00221	0.5724093	1.14732	1.147332	0.07745	2.515368	0.817457	1
cg02411275	AIAP1;AIAP1	0.0662611	0.402771	0.75182	-1.33011	0.544999	1.28512	1.28512	0.0204353	0.93853	-3.11942	0.053153	0.406680	-2.45888	0.0330651	0.360409	-2.77463	0.425579	0.716637	-1.39541	0.0131593	0.683791	-1.46243	0.0768768	0.4468	-2.23814	0.03676	0.806506	2.36072	1
cg26640796	LOC100129637	0.0662621	0.611243	0.877992	-1.13896	0.0813522	1.63298	1.63298	0.0762403	1.64989	1.64989	0.0400693	1.8262	1.8262	0.0229679	0.501346	-1.99463	0.784035	0.932642	-1.07222	0.538138	0.853659	-1.17143	0.273336	0.784737	-1.33558	0.5159331	0.845718	-1.18243	0.30674	3.09883	0.907065	1
cg06127159	FRMD5;LOC728758	0.0662621	0.6027	0.876274	-1.1412	0.168284	0.6902555	-1.44874	0.203103	0.7512671	-1.402	0.892058	0.10474	0.10474	?	?	?	0.493753	1.19099	1.19099	0.0113797	2.21837	2.21837	0.460895	1.2078	1.2078	0.0417034	0.5540373	-1.80482	0.07736	2.74032	0.890478	1
cg12339904	RFPL1S;RFPL1	0.0662631	0.223512	0.891515	-1.12169	0.0148414	0.76405	-1.30879	0.374072	1.10759	1.10759	0.0508799	0.818241	-1.22215	0.316478	1.09745	1.09745	0.453778	1.074	1.074	0.265575	1.11855	1.11855	0.307339	1.09952	1.09952	0.2035577	1.12806	1.12806	0.03672	0.387755	0.115501	1
cg26515846	KIAA0182;KIAA0182	0.0662665	0.0480601	0.491289	-2.03546	0.530282	0.818763	-1.22135	0.188596	0.54982	-1.54982	0.236521	0.676079	-1.47715	0.0938075	0.560144	-1.78526	0.028724	0.444205	-2.25121	0.0574075	0.508643	-1.96601	0.0185218	0.4072668	-2.45539	0.446496	0.782653	-1.27771	0.33666	4.7579	1.39273	1
cg07876930	INPP5A	0.0662677	0.463495	0.806062	-1.2406	0.291989	0.729135	-1.37149	0.445543	0.798771	-1.25192	0.497782	0.819656	-1.22002	0.00240649	0.29479	-3.39225	0.337415	1.33075	1.33075	0.145118	1.57157	1.57157	0.664598	1.13433	1.13433	0.792067	0.926504	-1.07933	0.30664	4.01474	1.1752	1
cg17333099	IFT81;IFT81;IFTB1	0.0662693	0.8953193	0.977306	-1.02315	0.7945258	0.505247	-1.65222	0.0447198	0.220488	-1.08344	0.515438	0.13153	-1.73729	0.0784008	0.25109	-3.98211	0.6752597	1.03704	1.03704	0.8153704	1.02964	1.02964	0.7499	1.02964	1.02964	0.7499	1.15106	1.15106	0.30661	1.54649	0.425809	1
cg25748108	LPIN3	0.0662695	0.137373	1.84539	1.84539	0.00483524	0.48351	1.48351	0.0883786	2.05426	2.05426	0.276549	1.59245	1.54245	0.7142	1.15124	1.15124	0.0635813	2.22257	2.22257	0.807271	1.09811	1.09811	0.0232865	2.82429	2.82429	0.0946649	2.02159	2.02159	0.3666	7.05156	2.06417	1
cg09088074	DLG2;DLG2;DLG2;DLG2	0.0662698	0.441922	0.732315	-1.38497	0.3182335	0.651489	-1.53455	0.0332967	0.352194	-2.83938	0.205204	0.573966	-1.74236	0.0113228	0.267872	-3.73513	0.0549025	0.403704	-2.47706	0.0969151	0.697453	-1.43378	0.0883078	0.7729117	-1.29402	0.1196429	0.701239	0.85204	1.17365	0.3266	8.29732	2.42883	1
cg10030250	MMP2;MMP2	0.0662722	0.820306	1.10754	1.10754	0.204324	1.82459	1.82459	0.564326	0.769808	-1.29902	0.996316	1.46792	1.47692	0.0875363	2.13203	2.13203	0.195242	1.84968	1.84968	0.00429829	5.55237	5.55237	0.0217142	3.44536	3.44536	0.166276	1.93996	1.93996	0.30655	9.69272	2.83734	1
cg26601660	ANAPC11;ANAPC11;ANAPC11;ANAPC1 1;ANAPC11;ANAPC11;ANAPC11;A NAPC11;ANAPC11;ANAPC11;THOC4	0.0662724	0.037416	0.233512	-4.28243	0.377516	1.70702	1.70702	0.830244	1.13465	1.13465	0.255669	0.495274	-2.01908	0.00376131	0.08925	-11.204	0.598075	0.730981	-1.36803	0.856315	0.898854	-1.11253	0.642181	1.31726	1.31726	0.417628	1.63045	1.63045	1.26869	17.5361	4.17267	1
cg06863310	WWOX	0.0662732	0.170614	0.828217	-1.44522	0.0802377	0.602051	-1.66099	0.0553184	0.774251	1.77421	0.184613	0.69217	-1.44473	0.419752	1.24014	1.24014	0.511558	0.840231	-1.19002	0.164943	1.72028	1.72028	0.115563	0.555358	-1.50056	0.10446	0.628735	-1.59049	0.14354	3.28779	0.96244	1
cg06868687	TNNB	0.0662734	0.00923465	0.186833	-2.58509	0.0157519	0.518666	-1.85646	0.322472	0.7454542	-1.34147	0.462694	1.23971	1.23971	0.0101893	0.394055	-2.53772	0.283153	0.725766	-1.37785	0.520057	0.829092	-1.20614	0.343805	0.7555554	-1.32353	0.123539	0.609103	-1.64124	0.03653	3.97327	1.1631	1
cg11270233	CBorf33	0.0662747	0.692778	0.958948	-1.04281	0.0752075	0.811288	-1.23261	0.655386	1.04856	1.04856	0.0510173	0.79087	-1.26443	0.0173933	1.35757	1.35757	0.334137	1.11088	1.11088	0.207677	1.15056	1.15056	0.101245	1.20857	1.20857	0.882529	1.01573	1.01573	0.30655	0.5359918	0.156881	1
cg11681597	SH3BP5L	0.0662755	0.219312	0.674281	-1.48306	0.3942216	0.905247	-1.10506	0.772045	1.84327	1.84327	0.104849	0.582313	-1.71729	0.8742403	1.00463	1.00463	0.0846531	0.558871	-1.78932	0.0700199	0.539042	-1.85514	0.106739	1.7138	1.7138	0.0867053	0.561437	-1.78114	0.30649	4.47632	1.31038	1
cg08421519	SPRY2	0.0662783	0.959557	1.01868	1.01868	0.101609	1.92373	1.92373	0.0350941	2.45028	2.45028	0.5397	2.25035	2.07526	0.0276545	0.29756	-3.36042	0.0482145	0.438608	-2.27994	0.0259299	0.380914	-2.62516	0.284056	1.50056	1.50056	0.746101	1.12592	1.12592	0.30644	6.40856	1.87604	1
cg19924152	FAM83A;FAM83A	0.0662786	0.5585375	0.808045	-1.23735	0.0224601	0.615489	-1.62495	0.0332967	0.352194	2.83938	0.205204	0.573966	-1.74236	0.0113228	0.267872	-3.73513	0.0549025	0.403704	-2.47706	0.0969151	0.697453	-1.43378	0.0883078	0.7729117	-1.29402	0.1196429	0.701239	0.85204	1.17365	0.3266	8.29732	2.42883	1
cg05526088	VARS2;VARS2;VARS2	0.0662798	0.448839	0.810548	-1.23373	0.215225	1.42621	1.42621	0.463873	0.816362	-1.22495	0.431356	1.24429	1.24429	0.118804	1.58529	1.58529	0.0888211	0.600011	-1.66664	0.0062032	0.378643	-2.64101	0.984202	1.0054	1.0054	0.392376	1.2693	1.2693	0.30642	3.56174	1.04267	1
cg26456255	SIPA1L3	0.0662807	0.0460076	0.281561	-3.55163	0.315912	0.562701	-1.77714	0.233895	0.500555	-1.99778	0.413129	1.59039	1.59039	0.103435	0.262448	-3.78432	0.179794	0.453832	-2.20346	0.0167374	0.198015	-5.05013	0.124194	2.51729	2.51729	0.732919	0.827004	-1.20918	0.3064	14.7882	4.32917	1
cg10842070	MIR941-1;DNAJC5;MIR941-3;MIR941-2	0.0662812	0.266203	2.51779	2.51779	0.00538661	18.5466	18.5466	0.00477978	19.7914	19.7914	0.27691	2.46291	2.46291	0.454755	1.83468	1.83468	0.501115	1.72329	1.72329	0.320821	2.26498	2.26498	0.249348	2.61068	2.61068	0.472839	1.78954	1.78954	0.36039	30.5501	8.94339	1
cg13326586	SYCE2	0.0662815	0.790263	0.869212	-1.1968	0.278314	0.947339	-1.05553	0.907167	1.06818	1.06818	0.248591	0.5054681	-1.97842	0.0186319	0.395603	-2.52742	0.0528013	3.47343	3.47343	0.00599808	0.157684	-6.34179	0.0187911	1.13994	1.13994	0.13872	1.76424	1.76424	0.39218	15.3873	4.50457	1
cg13575604	TCP11L1;TCP11L1;TCP11L1	0.0662844	0.00778395	0.572436	-1.74692	0.784663	1.04573	1.04573	0.46629	0.886001	-1.12867	0.368347	0.859778	-1.16282	0.725703	0.944115	-1.05919	0.18475	0.7948	-1.25816	0.366295	1.16362	1.16362	0.0293708	1.52067	1.52067	0.420985	1.14364	1.14364	0.16333	1.28175	0.375233	1
cg26330088	PHTF2;PHTF2;TMEM60	0.0662862	0.135017	0.786497	-1.27146	0.170799	1.24284	1.24284	0.338956	0.863364	-1.15826	0.683764	1.06295	1.06295	0.93157	0.98728	-1.01288	0.0587388	0.727425	-1.37471	0.00400925	0.561946	-1.77953	0.868404	0.975659	-1.02495	0.715597	1.05563	1.05563	0.1063	1.06846	0.312795	1
cg08879564	C13orf18	0.0662865	0.0318467	0.581484	-1.72017	0.1825	1.02567	1.02567	0.0955447	1.34427	1.34427	0.0148497	1.52313	1.52313	0.0179203	0.490153	-2.04009	0.0499151	0.225437	-4.43467	0.0232117	0.213602	-4.68293	0.0149255	0.632117	-1.58211	0.0209915	0.4436	-2.25475	0.02281	6.15644	1.83797	0.22831	0.53247	1
cg15175162	FBXL5;FBXL5	0.0662868	0.427869	1.22427	1.22427	0.484685	1.19424	1.19424	0.219183	1.38129	1.38129	0.0125566	2.17285	2.17285	0.0176081	1.11308	1.11308	0.113263	0.649966	-1.53854	0.555	0.863185	-1.16097	0.0834092	0.61937	-1.61454	0.061398	1.69355	1.69355	0.36239	3.00498	0.879725	1
cg05154572	CBFA2T3	0.0662873	0.0067608	0.373435	-2.67926	0.0224601	0.585644	1.70843	0.0332967	0.352194	2.83938	0.205204	0.573966	-1.74236	0.0113228	0.267872	-3.73513	0.0549025	0.403704	-2.47706	0.0969151	0.697453	-1.43378	0.0883078	0.7729117	-1.29402	0.1196429	0.701239	0.85204	1.17365	0.3266	8.29732	2.42883	1
cg10092935	TGM7	0.06629	0.0919238	0.343645	-2.90998	0.100959	0.355531	-2.81269	0.180239	0.440768	-2.26877	0.643454	0.764643	-1.3078	0.0116077	0.162601	6.15003	0.2524068	0.502445	-1.99027	0.0068698	0.133319	-7.50081	0.449598	0.641749	-1.55824	0.0530156	0.282015	-3.54591	0.36215	15.9377	4.6659	1
cg23423766	NOL7	0.0662909	0.0180018	0.433871	-2.30483	0.227091	0.145747	1.44547	0.799475	0.928713	-1.07676	0.0474215	0.517409	-1.93271	0.0709741	0.5565	-1.79694	0.856016	0.948598	-1.05419	0.0192244	0.439571	-2.27495	0.126209	0.618357	-1.61719	0.387708	0.773193	-1.29334	0.30621	4.05912	1.18836	1
cg23991622	VIM	0.0662914	0.2781581	1.58015	1.58015	0.0224601	0.585644	1.70843	0.0332967	0.352194	2.83938	0.205204	0.573966	-1.74236	0.0113228	0.267872	-3.73513	0.0549025	0.403704	-2.47706	0.0969151	0.697453	-1.43378	0.0883078	0.7729117	-1.29402	0.1196429	0.701239	0.85204	1.17365	0.3266	8.29732	2.42883	1
cg05867423	SHC4;EID1	0.0662925	0.798418	0.966488	-1.03467	0.33266	0.14237	1.14237	0.0402042	1.37125	1.37125	0.133553	0.806113	-1.24052	0.0188123	1.46093	1.46093	0.277074	0.860223	-1.16249	0.939983	0.990021	-1.01008	0.0612244	0.75508	-1.32436	0.905119	0.984243	-1.01601	0.30618	0.8530837	0.249739	1
cg11391335	YEATS2	0.0662941	0.149463	1.28966	1.28966	0.0525219	0.82552	1.82552	0.488384	1.64044	1.64044	0.0732144	1.90554	1.90554	0.0124766	0.471196	-2.12242	0.0597004	1.74194	1.74194	0.204488	1.37454	1.37454	0.150483	1.5912	1.5912	0.1912	1.60349	1.60349	0.34615	23.7516	6.95372	1
cg01945427	PSMC1	0.0662972	0.510067	0.860662	-1.11599	0.385092	1.15749	1.15749	0.336447	0.84978	-1.17677	0.0109059	1.69022	1.69022	0.0207597	1.24861	1.24861	0.147402	1.290	1.2888	0.597277	1.09152	1.09152	0.0839936	1.72669	1.72669	0.757903	1.05209	1.05209	0.3361	1.2971	0.379757	1
cg04089901	COL28A1	0.0662972	0.0456312	0.176033	-5.68075	0.0589396	0.19857	-5.03602	0.0350111	0.155379	-6.43589	0.349516	0.481944	-2.07493	0.00455106	0.0570221	-17.5371	0.24573	0.398444	-2.50976	0.171918	0.332143	-3.01075	0.868342	0.88184	-1.13399	0.1114451	0.268724	-3.72129	0.3611	27.6239	8.08755	1
cg10869938	LIG4;LIG4;LIG4;LIG4	0.0662972	0.2639707	2.04411	2.04411	0.0819801	1.23942	1.23942	0.0408647	0.124648	-8.02658	0.274913	0.625032	-1.59959	0.0145855	0.373353	-2.67934	0.148834	0.38646	-2.58753	0.0414191	0.42779	-2.33746	0.0048751	0.5912	-1.69147	0.0876751	0.1009	-9.91162	0.00196	18.1306	5.30815	1
cg04850286	PLAC9	0.0662973	0.0068373	0.126206	-7.92353	0.334164	0.80238	1.80238	0.190583	0.440540	-2.2699	0.625437	0.74754	-1.33772	0.0916211	0.188718	2.29892	0.643532	0.759107	-1.31734	0.041074	0.10469	-9.54765	0.0487258	0.264117	-3.7862	0.336323	0.556372	-1.79736	0.3161	16.8196	4.92433	1
cg02468220	HSF2	0.0663019	0.0363059	0.307901	-3.24881	0.0963251	0.3127	1.3127	0.0332967	0.352194	2.83938	0.205204	0.573966	-1.74236	0.0113228	0.267872	-3.73513	0.0549025	0.403704	-2.47706	0.0969151	0.697453	-1.43378	0.0883078	0.7729117	-1.29402	0.1196429	0.701239	0.85204	1.17365	0.3266	8.29732	2.42883	1
cg03043665	TP73;TP73;TP73;TP73	0.0663038	0.433338	1.37324	1.37324	0.830426	1.0888	1.0888	0.09951	0.481622	-2.07632	0.577624	1.25002	1.25002	0.0414432	0.393412	-2.54186	0.461098	0.74255	-1.34671	0.0031984	0.206046	-4.85329	0.687308	0.851701	-1.17412	0.934318	0.96783	-1.03324	0.30598	7.56703	2.21551	1
cg15637137	AHCY1	0.0663038	0.482227	1.09051	1.09051	0.0894956	0.950512	-1.05206	0.674343	1.10938	1.10938	0.800834	1.01563	1.01563	0.0271251	0.701314	-2.42589	0.0181357	0.687011	-1.45506	0.0133854	0.129128	-7.7415	0.0198101	1.19821	1.19821	0.0948463	0.991741	-1.00853	0.93198	0.8230373	0.249083	1
cg22454313	NAV1;NAV1	0.0663059	0.907017	0.930666	-1.07455	0.6129	0.18139	1.8139	0.0485171	2.12456	2.12456	0.0258855	4.35557	3.79552	0.0152958	0.452468	2.2101	0.4136	1.59196	1.59196	0.305541	1.80437	1.80437	0.0434821	2.99744	2.99744	0.167133	2.26886	2.26886	0.33594	14.8803	4.35679	1
cg05838155	FBXL20	0.0663078	0.00634099	0.482281	-2.07348	0.964761	0.990975	-1.00911	0.348823	1.21586	1.21586	0.0659111	1.52715	1.52715	0.223873	0.769352	-1.29979	0.887048	1.02959	1.02959	0.293432	0.799606	-1.25062	0.0898617	0.681194	-1.46801	0.455798	0.855675	-1.16867	0.3359	2.02458	0.592782	1
cg08238215	MEIS1	0.0663081	0.710582	1.1371	1.1371	0.0169177	0.78564	1.78564	0.0332753	0.348249	-2.589	0.0454935	0.802476	1.24688	0.0172402	0.438644	-2.43683	0.279183	0.704132	-1.42026	0.0133823	0.191583	-5.22107	0.0178963	1.3188	1.3188	0.0974593	1.56497	1.3359	0.0962	0.2618	0.104544	1
cg07514801	FAM66D	0.0663103	0.0778231	0.478851	-2.08833	0.0318503	0.388615	-2.57324	0.0233166	0.361131	-2.76908	0.421390	0.734466	-1.36153	0.0254107	0.368533	-2.71346	0.0512439	0.434273	-2.3027	0.102192	0.510647	-1.9583	0.401577	0.724272	-1.3807	0.021981	0.35613	-2.80797	0.30586	6.78831	1.98759	1
cg14481481	ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC1 6;ZDHHC16;ZDHHC16;ZDHHC2;ZDHHC16	0.0663107	0.984241	1.0066	1.0066	0.979671	1.08052	1.08052	0.508578	1.25007	1.25007	0.00153852	0.219447	-4.5569	0.302849	1.4265	1.4265	0.556682	1.12879	1.12879	0.849751	0.938831	-1.06515	0.963544	0.984903	-1.01533	0.483094	1.26966	1.26966	0.30585	5.32614	1.55948	1
cg02705940	VPS26A;VPS26A	0.0663112	0.0233215	1.38868	1.38868	0.961053	0.994102	-1.00593	0.273516	0.871062	-1.14802	0.453535	1.09691	1.09691	0.209106	1.17396	1.17396	0.692272	1.04937	1.04937	0.00703041	1.52521	1.52521	0.261238	0.867679	-1.1525	0.589669	0.936171	-1.06818	0.30584	0.705578	0.206592	1
cg19397221	GRSF1;GRSF1;GRSF1	0.0663123	0.12831	1.07909	-1.38916	0.049027	0.637729	-1.56806	0.687241	0.921748	-1.08438	0.625175	0.586891	-1.7039	0.406821	1.18512	1.18513	0.0196685	0.543105	-1.84126	0.564581	1.12378	1.12378	0.0924957	0.690323	-1.4486	0.166017	0.744217	-1.34369	0.30582	0.926315	0.264403	1
cg16130997	AVL9	0.0663155	0.3755115	0.729651	-1.37055	0.2196665	0.316246	1.3149	0.0332967	0.352194	2.83938	0.205204	0.573966	-1.74236	0.0113228	0.267872	-3.73513	0.0549025	0.403704	-2.47706	0.0969151	0.697453	-1.43378	0.0883078	0.7729117	-1.29402	0.1196429	0.701239	0.85204	1.17365	0.3266	8.29732	2.42883	1
cg07744822	MCCC2	0.0663133	0.0188051	0.69886	-1.4309	0.0183393	1.43377	1.43377	0.522158	1.08509	1.08509	0.84544	0.975731	-1.02487	0.443474	1.10335	1.10335	0.487703	1.09281	1.09281	0.0329494	1.36888	1.36888	0.712362	1.04772	1.04772	0.819154	0.971583	-1.02925	0.3358	0.761904	0.223087	1
cg12095933	SLCO5A1;SLCO5A1;SLCO5A1;SLCO5A1	0.0663142	0.419376	0.908006	-1.10131	0.834585	1.02476	1.02476	0.482831	1.087	1.087	0.380025	1.11107	1.11107	0.982025	0.997368	-1.00264	0.0961566	0.80759	-1.23825	0.00198619	0.599995	-1.66668	0.781199	1.0331	1.0331	0.803971	0.97133	-1.02952	0.30579	0.657774	0.192598	1
cg24707431	CHRNB3	0.0663144	0.0265411	0.314644	-3.45609	0.198134	0.64549	-1.55511	0.0482005	0.28324	-3.53058	0.204311	0.553346	-1.81374	0.0408527	0.266841	-3.74756	0.0864204	0.346427	-2.88661	0.0133453	0.268153	-3.72696	0.0819197	0.78313	-1.27703	0.0154183	0.652667	-1.53217	0.35979	15.0957	4.40954	1
cg16333992	STK32B	0.0663158	0.00439179	0.621228	-1.60972	0.256054	0.115996	1.15996	0.805236	1.0314	1.0314	0.952319	0.992544	-1.00751	0.270994	1.15424	1.15424	0.647086	1.05939	1.05939	0.119285	0.809299	-1.23564	0.3335424	0.882634	-1.13297	0.18012	1.19502	1.19502	0.30576	0.7531176	0.220535	1
cg17330251	PON1	0.0663163	0.0144792	0.25868	0.25868	0.154926	0.378559	-2.64195	0.0178966	0.207301	2.07301	0.281958	0.228405	2.28405	0.0785985	0.4237	0.4237	0.112075	0.58973	1.58973	0.00348823	0.11627	0.0300956	0.5815	6.5815	0.139617	2.33573	0.2357	26.2355	7.68193	1
cg27088639	SYNE2;SYNE2;SYNE2;SYNE2	0.0663164	0.376898	1.24106	1.24106	0.3566	0.754358	1.75436	0.0332753	0.348249	-2.589	0.0454935	0.802476	1.24688	0.0172402	0.438644	-2.43683	0.279183	0.704132	-1.42026	0.0133823	0.268153	-3.72696	0.0819197	0.78313	-1.27703	0.0154183	0.652667	-1.53217	0.35979	15.0957	4.40954	1
cg13325529	TMEM107;TMEM107	0.0663209	0.0656756	0.742696	-1.34645	0.0885994	1.62035	1.62035	0.35258	0.87131	-1.1477	0.908416	0.983564	-1.01671	0.866246	0.976016	-1.02457	0.290424	1.17117	1.17117	0.175472	0.81263	-1.23057	0.0893015	1.30972	1.30972	0.943256	1.0103	1.0103	0.30567	0.9975115	0.29197	1
cg26632121	MPPED2;MPPED2	0.0663211	0.753288	1.17409	1.17409	0.764658	1.18111	1.18111	0.0332753	0.348249	-2.589	0.0454935	0.802476	1.24688	0.0172402	0.438644	-2.43683	0.279183	0.704132	-1.42026	0.0133823	0.268153	-3.72696	0.0819197	0.78313	-1.27703	0.0154183	0.652667	-1.53217	0.35979	15.0957	4.40954	1
cg01609887	ABHD3	0.0663239	0.0284814	0.241344	-4.14347	0.411777	0.630361	-1.58639	0.307745	0.559596	-1.787	0.0806089	0.344555	-2.9023	0.0194371	0.211487	-4.72842	0.2007795	0.475698	-2.10217	0.00727936	0.140069	-6.70831	0.0642515	0.318767	-3.13709	0.265201	0.528097	-1.89359	0.30561	14.5362	4.2565	1
cg24895609	EHMT2;EHMT2	0.0663244	0.121136	0.690406	-1.44842	0.687552	0.914736	-1.09321	0.101926	1.48384	1.48384	0.0126598	0.505028	-1.98009	0.0327643	0.576608	-1.73428	0.0436312	0.599701	-1.6675	0.748723	0.931609	-1.07341	0.40488	0.828731	-1.20666	0.468854	0.850059	-1.17639	0.3356	2.33604	0.684042	1
cg24298196	PDE5A;PDE5A;PDE5A	0.0663253	0.8005301	0.96264	-1.03911	0.6092836	0.908953	-1.10017	0.6416983	1.12154	1.12154	0.4032	0.814393	-1.22793	0.3148468	0.777	-1.28676	0.4173154	0.703156	-1.42247	0.4173154	0.86302	-1.15859	0.5972705	0.91453	-1.09331	0.7261	0.473779	-2.11059	0.9523	1.01446	1.01446	0.296068	1.29631	1.29631	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26511386	TMEM139;TMEM139	0.0664072	0.125854	1.76553	1.76553	0.0433063	2.22047	2.22047	0.382378	1.35996	1.35996	0.251341	1.50881	1.50881	0.756357	1.11273	1.11273
cg21255657	CANT1;CANT1;CANT1	0.0664082	0.248541	0.769124	-1.30018	0.0127893	0.510161	-1.96017	0.112574	1.45633	1.45633	0.496688	0.860546	-1.16205	0.0704416	0.644017	-1.55275
cg26396617	FIBCD1;FIBCD1	0.0664086	0.883685	0.972872	-1.02788	0.0147716	1.75704	1.75704	0.00695234	1.92723	1.92723	0.867951	0.969221	-1.03176	0.117273	1.37663	1.37663
cg20343375	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.0664091	0.113296	0.735517	-1.35959	0.0261592	0.624809	-1.60049	0.574207	0.903757	-1.10649	0.774463	0.950078	-1.05254	0.724388	1.06514	1.06514
cg19685053	PI4KAP2	0.0664091	0.111581	0.689846	-1.4496	0.986298	0.996328	-1.00369	0.432572	0.842323	-1.18719	0.757485	0.935795	-1.06861	0.0139471	0.521716	-1.91675
cg05157725	COL21A1	0.0664121	0.0390643	20.0684	20.0684	0.147709	7.03173	7.03173	0.138193	7.42206	7.42206	0.211979	5.21218	5.21218	0.238033	4.72095	4.72095
cg01019082	ISCA1L;ISCA1L	0.0664122	0.355425	0.762279	-1.31186	0.0523878	0.532624	-1.8775	0.027327	0.474453	-2.10769	0.835382	1.06122	1.06122	0.594701	1.16571	1.16571
cg09504692	LOC100271832	0.0664124	0.31952	1.26773	1.26773	0.0284648	0.550861	-1.81534	0.287092	0.774987	-1.29034	0.290819	0.776625	-1.28762	0.295622	1.28417	1.28417
cg12089350	DIP2C	0.0664129	0.68065	1.07258	1.07258	0.291783	0.830933	-1.20347	0.138395	0.763296	-1.31011	0.190959	1.26422	1.26422	0.301832	1.19856	1.19856
cg20404150	HSD17B1	0.0664133	0.0381801	0.13123	-7.62021	0.11936	0.239649	-4.17278	0.195752	0.314593	-3.17871	0.746423	0.760147	-1.31553	0.0309349	0.11747	-8.5128
cg13641778	TMEM110	0.0664133	0.290113	1.52101	1.52101	0.0586515	2.26112	2.26112	0.222541	1.63171	1.63171	0.0408908	2.46312	2.46312	0.749442	1.1302	1.1302
cg09856068	FGF18	0.0664152	0.0833578	10.623	10.623	0.974767	0.961758	-1.03976	0.285203	3.92933	3.92933	0.49156	2.36616	2.36616	0.195169	0.184669	-5.41509
cg21001591	KIAA1688	0.0664162	0.511911	0.832666	-1.20096	0.1653	1.50292	1.50292	0.248051	0.717179	-1.39435	0.240682	0.71309	-1.40235	0.0360065	0.510971	-1.95706
cg05710561	PMS2L3	0.0664172	0.945116	1.03196	1.03196	0.848887	1.09107	1.09107	0.777491	1.1382	1.1382	0.224643	1.79098	1.79098	0.00503358	0.183577	-5.44732
cg19880465	VILL	0.06642	0.069528	0.638819	-1.56539	0.145233	1.41239	1.41239	0.385224	1.21715	1.21715	0.42074	1.1991	1.1991	0.287423	0.783626	-1.27612
cg18086594	KIF15;KIF15;KIAA1143	0.0664207	0.734247	1.03738	1.03738	0.117031	0.832469	-1.20125	0.604193	1.05793	1.05793	0.0768442	0.809049	-1.23602	0.254505	1.1367	1.1367
cg26815032	COL21A1	0.0664212	0.0528143	0.230932	-4.33028	0.301597	0.490339	-2.03941	0.0316581	0.186843	-5.35209	0.125057	0.331018	-3.02099	0.0121184	0.124628	-8.0239
cg24198004	COL8A1;MIR548G;COL8A1	0.0664245	0.2391	0.471781	-2.11963	0.00188213	0.0681963	-14.6636	0.123296	0.361589	-2.76557	0.850057	1.12223	1.12223	0.101046	0.334794	-2.98691
cg25657261	PCDHGA2;PCDHGA3;PCDHGA3;PCDHGA1	0.0664256	0.0588525	3.3681	3.3681	0.0378125	3.93825	3.93825	0.199493	2.16287	2.16287	0.282521	1.888	1.888	0.262222	1.94506	1.94506
cg26399164	CCND1	0.0664273	0.32442	0.688769	-1.45187	0.0900851	0.504377	-1.98264	0.033033	0.401204	-2.4925	0.696354	0.866158	-1.15452	0.41878	1.3535	1.3535
cg22946147	ZNF804B;MGC26647	0.0664285	0.0708681	0.178886	-5.59014	0.0123052	0.0700587	-14.2737	0.211359	0.32535	-3.07361	0.0946889	0.208821	-4.7888	0.0271844	0.10759	-9.29452
cg14857792	SLC12A1	0.0664305	0.200154	0.592003	-1.68918	0.0174528	3.06772	3.06772	0.0711291	2.18344	2.18344	0.529685	1.27972	1.27972	0.0661056	0.449968	-2.22238
cg26614816	TXNRD1;TXNRD1;TXNRD1;EID3;TXNRD1;TXNRD1	0.066431	0.0988986	6.16276	6.16276	0.822517	1.25333	1.25333	0.310494	0.348289	-2.87118	0.269569	3.17582	3.17582	0.213627	0.268153	-3.72922
cg18237616	RHEB	0.0664321	0.146174	0.524105	-1.90801	0.00984	0.258919	-3.86221	0.511952	1.31714	1.31714	0.949892	1.02637	1.02637	0.107745	0.483405	-2.06866
cg19986012	HOXB3	0.0664328	0.0278201	43.5864	43.5864	0.0123028	92.4178	92.4178	0.193279	7.37975	7.37975	0.0800084	16.7793	16.7793	0.0410192	30.6769	30.6769
cg27034576	GFRA1;GFRA1;GFRA1;GFRA1	0.0664367	0.20469	0.760676	-1.31462	0.253609	0.783729	-1.27595	0.225097	0.770725	-1.29748	0.603945	0.898556	-1.1129	0.728337	0.931208	-1.07387
cg13475379	MED28	0.0664399	0.949066	0.984812	-1.01542	0.0680081	0.612847	-1.63173	0.0187192	1.97898	1.97898	0.426186	1.21489	1.21489	0.0788378	0.626535	-1.59608
cg11437063	ADARB2	0.0664406	0.175304	0.157052	-6.36732	0.0163553	0.0230626	-43.3602	0.0688089	0.0731208	-13.676	0.578741	0.486589	-2.05512	0.0263298	0.0339297	-29.4727
cg01590844	XRCC2	0.066444	0.841279	1.12936	1.12936	0.233661	2.13315	2.13315	0.0709445	3.40112	3.40112	0.486447	0.651123	-1.53581	0.37692	0.576877	-1.73347
cg00589541	FNDC3B;FNDC3B	0.0664444	0.182404	0.354736	-2.81899	0.00335205	0.0537566	-18.6024	0.146006	0.318857	-3.13621	0.447557	0.567282	-1.76279	0.122754	0.293855	-3.40304
cg04481102	MAD1L1;MAD1L1;MAD1L1	0.0664453	0.0682157	0.416932	-2.39847	0.0591446	0.401371	-2.49146	0.0161319	0.283316	-3.52963	0.377358	0.67836	-1.47414	0.00824485	0.235129	-4.25298
cg23968113	SNTG2	0.0664461	0.00904178	0.707685	-1.41306	0.992381	0.999005	-1.001	0.520699	0.934411	-1.07019	0.0125296	0.723518	-1.38214	0.966724	0.995662	-1.00436
cg12273094	MIR1256;H2BFM	0.0664463	0.958897	1.02334	1.02334	0.0926019	0.436672	-2.29005	0.197731	0.54361	-1.83955	0.0620437	0.390395	-2.56151	0.00704902	0.210289	-4.75536
cg00301172	SPTBN4;BLVRB	0.0664471	0.0841575	0.785355	-1.27331	0.236291	0.854771	-1.1699	0.0446993	0.747199	-1.33833	0.8552	1.02337	1.02337	0.924921	0.988152	-1.01199
cg21709803	FADS2	0.0664477	0.0926213	0.80613	-1.24049	0.805985	1.02907	1.02907	0.0307801	1.34368	1.34368	0.845837	0.977586	-1.02293	0.188583	0.850252	-1.17612
cg25282780	AK3	0.0664477	0.450582	1.27982	1.27982	0.028041	2.29984	2.29984	0.0123938	2.71567	2.71567	0.562949	0.828862	-1.20647	0.45486	1.27674	1.27674
cg24536933	HIP1R	0.0664486	0.386466	0.737475	-1.35598	0.949327	1.02204	1.02204	0.623805	1.18479	1.18479	0.0906425	1.89544	1.89544	0.0352491	0.431204	-2.31909
cg15331332	HLA-F;HLA-F;HLA-F	0.0664498	0.0171815	10.0473	10.0473	0.260807	2.53942	2.53942	0.0826969	4.60466	4.60466	0.0449753	6.22326	6.22326	0.154094	3.36154	3.36154
cg19295314	GMDS	0.0664524	0.133615	0.531305	-1.88216	0.0974215	0.491179	-2.03592	0.0113868	0.289909	-3.44936	0.0313937	0.372779	-2.68255	0.0349491	0.382649	-2.61336
cg11152943	TRAPPC9;TRAPPC9	0.0664562	0.11749	0.556159	-1.79805	0.860675	1.0625	1.0625	0.126693	0.565476	-1.76842	0.313981	0.698132	-1.43239	0.168827	0.602948	-1.65852
cg09552631	PSCA	0.0664564	0.0544325	0.597071	-1.67484	0.437953	1.2056	1.2056	0.0183522	0.508501	-1.96656	0.608897	0.885192	-1.1297	0.741312	0.924699	-1.08143
cg06537829	UBB	0.066457	0.112732	0.562038	-1.77924	0.411967	1.32308	1.32308	0.298598	1.43271	1.43271	0.192029	0.630724	-1.58548	0.735794	1.11966	1.11966
cg04772968	ZNF44;ZNF44	0.0664606	0.0803008	0.351759	-2.84286	0.908919	1.06357	1.06357	0.981856	1.01232	1.01232	0.232886	0.50985	-1.96136	0.00159788	0.0872754	-11.458
cg01530032	SLC47A1	0.0664644	0.0204716	0.423213	-2.36288	0.650132	0.868836	-1.15097	0.0958762	0.569422	-1.75617	0.0997647	0.573833	-1.74267	0.00628083	0.334136	-2.9928
cg05764422	CACNA1H;CACNA1H	0.0664652	0.19833	1.22463	1.22463	0.0175394	0.649953	-1.53857	0.0132908	0.633004	-1.57977	0.52627	0.908725	-1.10044	0.764478	1.04581	1.04581
cg23273809	UBAP2L;C1orf43;C1orf43;C1orf43	0.0664652	0.0131427	0.0673269	-14.8529	0.0893623	0.193283	-5.17375	0.158049	0.26599	-3.75954	0.552544	0.590237	-1.69424	0.0417261	0.127488	-7.8439
cg24667115	BACH2;BACH2	0.0664654	0.20612	0.326441	-3.06334	0.279943	2.56728	2.56728	0.431112	1.96312	1.96312	0.00798314	0.0575966	-17.3621	0.214047	0.333481	-2.99867
cg12712270	LRPAP1	0.0664661	0.0878616	1.48748	1.48748	0.505151	1.1532	1.1532	0.0866723	1.49016	1.49016	0.0174442	0.543336	-1.84048	0.175956	0.738373	-1.35433
cg11575912	NRTN	0.0664664	0.521701	0.781556	-1.2795	0.560328	0.799727	-1.25043	0.850547	0.930915	-1.07421	0.914901	0.960245	-1.0414	0.738198	1.13577	1.13577
cg21577598	CCDC57	0.0664666	0.406139	0.801591	-1.24752	0.00796902	2.42334	2.42334	0.292655	1.32857	1.32857	0.851599	0.952433	-1.04994	0.135212	0.657676	-1.52051
cg17412964	HMGB1	0.0664696	0.822906	0.950002	-1.05263	0.0755586	1.57246	1.57246	0.762635	0.933037	-1.07177	0.127923	0.686194	-1.45731	0.229063	1.33484	1.33484
cg08641118	RHCG	0.0664703	0.538217	1.32852	1.32852	0.0802405	2.4219	2.4219	0.0747075	2.4717	2.4717	0.180418	1.91235	1.91235	0.0919036	2.32976	2.32976
cg04247218	GTF3C1;KIAA0556	0.0664704	0.0251591	0.635897	-1.57258	0.36001	1.1735	1.1735	0.183884	0.786883	-1.27084	0.0325112	1.53031	1.53031	0.995959	0.999139	-1.00086
cg26139360	IFRD2	0.0664704	0.449533	0.859647	-1.16327	0.24747	1.26784	1.26784	0.236294	1.27577	1.27577	0.0170218	0.564944	-1.77009	0.311467	0.814232	-1.22815
cg24896366	JAK3	0.066471	0.0465125	0.303245	-3.29766	0.0338288	0.273405	-3.65758	0.0166852	0.216671	-4.61528	0.572701	1.34757	1.34757	0.023488	0.242632	-4.12147
cg22902083	CNN2;CNN2;CNN2;CNN2	0.0664722	0.778071	1.02862	1.02862	0.00512311	0.691234	-1.44669	0.405585	0.91854	-1.08868	0.155685	1.1638	1.1638	0.0318491	0.777875	-1.28555
cg24506149	MYCBP;MYCBP	0.0664731	0.148407	0.703342	-1.42178	0.0994214	0.663656	-1.50681	0.20023	1.35957	1.35957	0.716032	1.08647	1.08647	0.0594966	0.617008	-1.62072
cg19541912	CHST8;CHST8;CHST8	0.0664747	0.562679	0.780422	-1.28136	0.00636381	4.50133	4.50133	0.636783	1.22322	1.22322	0.151243	1.91834	1.91834	0.339946	0.659274	-1.51682
cg10318148	CYP2W1	0.0664749	0.0202389	0.309867	-3.22719	0.0537826	0.399987	-2.50008	0.320657	0.650909	-1.53631	0.546083	0.774425	-1.29128	0.0340926	0.355276	-2.81472
cg05630800	ANGPTL1;RALGPS2	0.0664749	0.0779862	0.398669	-2.50835	0.014692	0.244058	-4.09738	0.0671216	0.381528	-2.62104	0.915759	1.05094	1.05094	0.0161986	0.25131	-3.97915
cg19945897	SYCE1	0.066475	0.136527	0.675324	-1.48077	0.0491123	1.73276	1.73276	0.0770399	0.618067	-1.61795	0.138449	0.676814	-1.47751	0.417844	0.816592	-1.2246
cg22656997	AP1M2	0.066476	0.367725	0.871075	-1.14801	0.313512	0.855982	-1.16825	0.664681	0.937012	-1.06722	0.0418557	0.704763	-1.41892	0.0103243	0.617518	-1.61939
cg03764219	RAI1	0.0664762	0.659625	1.11721	1.11721	0.253513	0.742158	-1.34742	0.24951	0.740117	-1.35114	0.630966	1.12866	1.12866	0.0205227	0.497618	-2.00957
cg01780104	BANP;BANP	0.066477	0.821116	0.960614	-1.041	0.123634	1.34432	1.34432	0.592177	0.908516	-1.1007	0.0737552	0.70211	-1.42428	0.0039105	0.50202	-1.99195
cg14504512	JAZF1	0.0664775	0.96702	0.993442	-1.0066	0.138229	0.775692	-1.28917	0.824836	1.03591	1.03591	0.206645	0.808995	-1.2361	0.883312	0.976899	-1.02365
cg11861055	ADARB2	0.0664782	0.0184687	0.595465	-1.67936	0.138446	1.33556	1.33556	0.564292	1.11151	1.11151	0.766374	1.05554	1.05554	0.0384299	0.647196	-1.54513
cg15770613	GLUD2;GLUD2	0.0664787	0.336515	1.54726	1.54726	0.0139091	3.81307	3.81307	0.958519	0.97735	-1.02317	0.438472	1.41637	1.41637	0.181115	0.535047	-1.86899
cg26105128	SFRS8	0.0664795	0.572601	1.31054	1.31054	0.0404769	0.325495	-3.07224	0.758268	0.863792	-1.15769	0.445331	1.44635	1.44635	0.719141	1.18683	1.18683
cg05176211	MYST3;MYST3;MYST3	0.0664804	0.788901	0.885809	-1.12891	0.0157122	3.81043	3.81043	0.0172499	3.7094	3.7094	0.294925	1.63365	1.63365	0.156416	0.504083	-1.9838
cg09469554	CLDN10;CLDN10;CLDN10	0.0664811	0.0444461	15.1914	15.1914	0.297971	3.56707	3.56707	0.496102	0.442813	-2.25829	0.655383	0.588905	-1.69807	0.090038	9.04636	9.04636
cg05856230	SPAG7	0.0664829	0.457435	0.689995	-1.44929	0.0310807	0.289102	-3.45898	0.762933	1.15991	1.15991	0.0659318	0.363598	-2.75029	0.120106	0.437433	-2.28606
cg20009101	psiTPTE22	0.0664854	0.0901027	2.58039	2.58039	0.513802	0.71461	-1.39937	0.879842	1.07979	1.07979	0.263427	0.553424	-1.80693	0.0793618	0.372206	-2.68669
cg25051805	CCDC126	0.0664855	0.201213	0.655343	-1.52592	0.00893786	0.353022	-2.83268	0.57438	0.83723	-1.19442	0.954609	1.01798	1.01798	0.129634	0.598926	-1.66966
cg17051178	MGA;MGA	0.0664861	0.669746	1.09482	1.09482	0.00577969	0.466003	-2.14591	0.0342492	0.593579	-1.68469	0.744564	1.07147	1.07147	0.339122	0.812173	-1.23127
cg06294803	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0664879	0.930153	1.02042	1.02042	0.102018	1.51083	1.51083	0.495546	0.852522	-1.17299	0.191616	1.3754	1.3754	0.772606	0.935377	-1.06909
cg25643819	HLA-L	0.0664885	0.0250826	4.18854	4.18854	0.926415	1.05091	1.05091	0.0149015	5.00042	5.00042	0.821077	0.885362	-1.12948	0.80853	0.877663	-1.13939
cg02071957	SYT17	0.0664892	0.0567491	4.22588	4.22588	0.0906013	3.4768	3.4768	0.265498	2.17172	2.17172	0.151685	2.79145	2.79145	0.462898	1.64774	1.64774
cg18736141	SLC16A11	0.0664901	0.277158	2.32658	2.32658	0.00868363	12.1685	12.1685	0.0977102	3.88629	3.88629	0.23562	2.53095	2.53095	0.542473	1.58505	1.58505
cg06296773	NAALADL2	0.0664904	0.202529	0.827765	-1.20807	0.179613	1.22171	1.22171	0.703509	1.05519	1.05519	0.831636	1.03036	1.03036	0.574966	0.923487	-1.08285
cg07174979	SF3B2;SF3B2	0.0664917	0.605047	1.06938	1.06938	0.337974	1.13543	1.13543	0.645734	0.942218	-1.06133	0.0194629	0.695449	-1.43792	0.592683	0.932922	-1.0719
cg04918265	C1orf69	0.0664925	0.0127097	0.510251	-1.95982	0.173437	1.36987	1.36987	0.29975	1.26302	1.26302	0.0605365	0.631385	-1.58382	0.064536	0.636868	-1.57018
cg20817941	CTSK;CTSK	0.066493	0.536669	0.829847	-1.20504	0.310695	1.36711	1.36711	0.482755	0.808431	-1.23696	0.119373	0.604214	-1.65504	0.147405	0.62912	-1.58952
cg13888026	KIF26B	0.0664933	0.899533	0.981453	-1.0189	0.00751455	1.66515	1.66515	0.0560238	1.37823	1.37823	0.211699	0.822833	-1.21531	0.389499	1.13963	1.13963
cg20770540	PTPLB	0.0664937	0.185648	0.770911	-1.29717	0.0256489	0.611753	-1.63465	0.200578	0.778312	-1.28483	0.670375	1.08261	1.08261	0.32793	0.829271	-1.20588
cg17002510	ARHGEF10	0.0664943	0.00265362	0.189428	-5.27904	0.170653	0.557727	-1.79299	0.685414	1.17701	1.17701	0.820333	0.912984	-1.09531	0.148327	0.537679	-1.85985
cg17777408	LEPREL2	0.0664963	0.353052	1.37173	1.37173	0.787507	0.914512	-1.09348	0.506882	0.80033	-1.24948	0.458215	1.28383	1.28383	0.0103237	0.34341	-2.91197
cg05511685	RGS9;RGS9;RGS9	0.0664982	0.485337	1.12222	1.12222	0.0176613	0.625384	-1.59902	0.380089	1.1577	1.1577	0.103015	0.748207	-1.33653	0.042649	0.684162	-1.46164
cg00129731	FAM46A	0.0664983	0.0687008	1.17693	1.17693	0.0230609	1.24269	1.24269	0.573964	1.04647	1.04647	0.329885	1.08371	1.08371	0.251446	1.10053	1.10053
cg11154879	C20orf151	0.0664986	0.151586	0.812384	-1.23095	0.950094	0.991571	-1.0085	0.0224514	0.690871	-1.44745	0.117203	1.25878	1.25878	0.243723	1.17934	1.17934
cg25972526	SYT2	0.0664995	0.106323	1.58111	1.58111	0.903819	0.969085	-1.0319	0.00498378	0.380782	-2.62617	0.887595	0.963927	-1.03742	0.664513	1.12003	1.12003
cg07520649	PCDHGA5;PCDHGA4;PCDHGA2;PCDHGB2;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA5	0.0665015	0.0270803	6.97957	6.97957	0.208998	2.67329	2.67329	0.436965	1.8018	1.8018	0.27592	2.31994	2.31994	0.422584	0.544318	-1.83716
cg18391099	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0665019	0.0956698	0.264292	-3.7837	0.00708747	0.0796874	-12.549	0.0554072	0.206251	-4.84846	0.573178	0.661073	-1.51269	0.0521267	0.200644	-4.98394
cg08456754	EIF3G	0.0665022	0.293315	0.789332	-1.26689	0.311721	0.796833	-1.25497	0.0971593	0.673634	-1.48449	0.0884523	0.665057	-1.50363	0.00361351	0.425374	-2.35087
cg25562958	MIR1197;MIR380;MIR323	0.066503	0.0331594	0.274958	-3.63692	0.230841	1.91874	1.91874	0.287775	0.564278	-1.77218	0.0655445	0.342472	-2.91995	0.294896	1.75629	1.75629
cg06544141	TRNP1	0.066504	0.856623	0.930976	-1.07414	0.668006	1.18605	1.18605	0.386655	1.4204	1.4204	0.523661	0.774464	-1.29122	0.00201708	0.178585	-5.59956
cg07825347	RET;RET	0.0665041	0.65787	2.03708	2.03708	0.834171	1.39749	1.39749	0.0740082	24.0155	24.0155	0.105855	16.7751	16.7751	0.748383	0.598226	-1.67161
cg08457610	MTMR1	0.0665041	0.0974939	2.05046	2.05046	0.434967	1.36967	1.36967	0.0910648	0.479495	-2.08553	0.756682	0.884499	-1.13058	0.0190738	0.326127	-3.06629
cg15469104	RSRC2;RSRC2;RSRC2;KNTC1	0.0665061	0.503386	1.09858	1.09858	0.224424	0.838053	-1.19324	0.106121	0.783233	-1.27676	0.800111	1.03575	1.03575	0.00967856	1.57334	1.57334
cg14644941	LOC100287834	0.066507	0.131756	0.230828	-4.33223	0.0928547	0.188953	-5.29231	0.049673	0.13295	-7.52163	0.462204	0.50944	-1.96294	0.00811648	0.0471595	-21.2046
cg06219695	LOC100134368	0.0665094	0.042284	0.361951	-2.76281	0.0104267	0.246334	-4.05953	0.0207557	0.298351	-3.35176	0.134242	0.495791	-2.01698	0.131759	0.493215	-2.02751
cg23510868	ACTR3	0.0665119	0.220163	0.776996	-1.28701	0.023886	0.590033	-1.69482	0.774326	1.05788	1.05788	0.00581321	0.493113	-2.02793	0.258598	0.793973	-1.25949
cg07584959	MED16	0.066513	0.0662785	0.634575	-1.57586	0.218284	1.33097	1.33097	0.0983476	1.49221	1.49221	0.424921	0.835346	-1.19711	0.955808	1.01231	1.01231
cg23886662	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.066515	0.185016	1.44301	1.44301	0.159155	0.67533	-1.48076	0.0482684	0.554989	-1.80184	0.0658601	1.71331	1.71331	0.469972	1.21139	1.21139
cg10700483	XKRX	0.0665153	0.986555	0.989586	-1.01052	0.192432	0.424389	-2.35633	0.797197	0.852155	-1.1735	0.142731	0.375779	-2.66114	0.03374	0.214282	-4.66675
cg22541905	TUBA4A	0.0665157	0.534686	0.809373	-1.23552	0.210518	0.641591	-1.55863	0.139734	0.585958	-1.70661	0.654906	0.859572	-1.16337	0.0033041	0.260272	-3.84214
cg08497894	C10orf118	0.0665165	0.191053	1.60396	1.60396	0.0433373	0.452436	-2.21026	0.0471956	0.460688	-2.17067	0.277629	1.4701	1.4701	0.805424	0.919217	-1.08788
cg18761450	FGF14;FGF14	0.0665172	0.347888	1.09695	1.09695	0.0872857	1.19812	1.19812	0.302491	0.902788	-1.10768	0.371348	1.09186	1.09186	0.898212	1.01233	1.01233
cg04755771	LOC134466	0.0665188	0.0126587	5.60061	5.60061	0.0414862	3.69483	3.69483	0.228965	0.495673	-2.01746	0.327865	0.57038	-1.75322	0.380321	0.606365	-1.64917
cg13874153	SETD1B	0.0665188	0.710861	0.8583	-1.16509	0.0478613	0.39521	-2.5303	0.064452	0.426367	-2.3454	0.37938	0.69069	-1.44783	0.0174799	0.305115	-3.27746
cg02661886	PEBP1	0.0665189	0.247255	1.19972	1.19972	0.748517	0.952741	-1.0496	0.0838008	0.749768	-1.33375	0.937992	1.01178	1.01178	0.359141	1.15248	1.15248
cg00106739	AGXT2L2	0.0665199	0.52435	1.10431	1.10431	0.951384	0.990668	-1.00942	0.812654	1.03719	1.03719	0.0300868	1.48038	1.48038	0.410382	0.878569	-1.13822
cg24796554	FLI1;FLI1	0.0665221	0.730067	1.1254	1.1254	0.347813	1.39045	1.39045	0.202226	0.63183	-1.58271	0.384463	0.737803	-1.35538	0.136934	1.72691	1.72691
cg11293112	TOM1L2;TOM1L2	0.0665225	0.335861	0.764617	-1.30784	0.287768	0.741939	-1.34782	0.0655572	0.571819	-1.7488	0.62023	1.14464	1.14464	0.212502	0.701087	-1.42636
cg20349024	SIM2;SIM2	0.0665253	0.338031	0.651812	-1.53418	0.411333	1.43914	1.43914	0.898395	0.946144	-1.05692	0.293206	0.623425	-1.60404	0.00537934	4.89478	4.89478
cg15331976	TBCD	0.066526	0.318142	1.28428	1.28428	0.0316056	0.54274	-1.8425	0.517476	0.852893	-1.17248	0.202578	1.3857	1.3857	0.955035	1.01377	1.01377
cg25342207	EBF3	0.0665298	0.0834936	2.24325	2.24325	0.139711	1.95465	1.95465	0.46926	0.733074	-1.36412	0.102272	2.12574	2.12574	0.0791046	2.27545	2.27545
cg20952324	BRPF1;BRPF1	0.0665303	0.0113402	0.744287	-1.34357	0.835274	1.01959	1.01959	0.773297	1.02727	1.02727	0.886801	1.01336	1.01336	0.580529	1.05337	1.05337
cg12621171	MEF2C	0.0665308	0.128537	1.17705	1.17705	0.591582	1.05521	1.05521	0.281494	1.11747	1.11747	0.55422	1.06116	1.06116	0.74002	1.0336	1.0336
cg14670435	MIR1258;ZNF385B	0.066532	0.0484347	0.768102	-1.30191	0.286958	0.878644	-1.13812	0.660553	1.05307	1.05307	0.924202	0.988927	-1.0112	0.0219106	0.724879	-1.37954
cg02403931	PFAS	0.0665334	0.0156167	0.530517	-1.88495	0.832693	0.955773	-1.04627	0.203885	0.750706	-1.33208	0.196124	1.3395	1.3395	0.157636	0.723907	-1.38139
cg10369509	SACS	0.0665358	0.037226	0.68629	-1.45711	0.10415	1.3186	1.3186	0.261342	1.20003	1.20003	0.380108	0.869225	-1.15045	0.0382354	0.688069	-1.45334
cg09529655	LOC401052	0.0665359	0.930878	0.988642	-1.01149	0.707999	1.05079	1.05079	0.314351	1.14683	1.14683	0.0702947	0.766127	-1.30527	0.33884	0.878258	-1.13862
cg01251476	C9orf40	0.0665367	0.997558	0.99948	-1.00052	0.653641	0.926134	-1.07976	0.0786843	0.717639	-1.39346	0.0370898	1.50871	1.50871	0.163312	1.2876	1.2876
cg18908524	VEGFB;VEGFB	0.066537	0.324288	0.809871	-1.23476	0.540993	1.13678	1.13678	0.48948	1.15655	1.15655	0.658214	0.911895	-1.09662	0.0240912	0.572759	-1.74594
cg20854539	TMEM163	0.0665374	0.0765716	0.797508	-1.25391	0.290615	1.13425	1.13425	0.164739	1.18559	1.18559	0.374806	0.900657	-1.1103	0.146218	0.835972	-1.19621
cg18138866	DNAJC8	0.0665376	0.204673	0.710355	-1.40775	0.117409	1.54428	1.54428	0.0584521	1.72691	1.72691	0.0177536	0.478718	-2.08891	0.337848	0.776878	-1.2872
cg21798832	MNT	0.0665396	0.609272	0.92892	-1.07652	0.362411	1.14327	1.14327	0.0474686	1.38307	1.38307	0.565317	1.08669	1.08669	0.652108	0.937149	-1.06707
cg18534077	AS3MT	0.0665397	0.0471898	0.289307	-3.45653	0.600023	0.749039	-1.33504	0.277253	1.8536	1.8536	0.36341	0.600417	-1.66551	0.0848351	0.353171	-2.83149
cg25949002	C6orf10	0.0665399	0.451087	0.821356	-1.2175	0.807365	0.939309	-1.06461	0.0138906	0.458859	-2.17932	0.00717574	0.410808	-2.43422	0.546026	0.855048	-1.16952
cg04682685	LMF1	0.0665402	0.711979	1.06746	1.06746	0.0504384	0.675374	-1.48066	0.829135	1.03878	1.03878	0.184059	0.780317	-1.28153	0.00974694	0.562461	-1.7779
cg10333808	ST8SIA1;ST8SIA1	0.0665421	0.950546	1.01649	1.01649	0.966595	1.0111	1.0111	?	?	?	0.478007	0.826817	-1.20946	0.724947	0.911075	-1.0976
cg12773325	INS-IGF2;IGF2AS;IGF2;IGF2;IGF2AS;IGF2	0.0665447	0.585048	1.14395	1.14395	0.139205	0.678287	-1.4743	0.638512	1.12233	1.12233	0.726223	1.08953	1.08953	0.0158298	0.486296	-2.05636
cg14038339	EFCAB2;EFCAB2;EFCAB2	0.0665464	0.147346	0.762153	-1.31207	0.109894	0.73755	-1.35584	0.0843058	1.39598	1.39598	0.27966	0.821739	-1.21693	0.482257	0.882708	-1.13288
cg07557355	KIAA0907	0.0665466	0.198918	0.851048	-1.17502	0.103414	1.23568	1.23568	0.730714	1.0419	1.0419	0.80917	0.971663	-1.02916	0.868887	1.01982	1.01982

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26511386	0.0584839	2.08273	2.08273	0.00430889	3.7059	3.7059	0.0340245	2.33777	2.33777	0.188483	1.6132	1.6132	3.0341	5.66028	1.65827	1
cg21255657	0.208321	0.749251	-1.33467	0.0727321	0.646819	-1.54603	0.0923382	0.668201	-1.49656	0.461114	1.17738	1.17738	3.03408	2.27587	0.666758	1
cg26396617	0.589891	0.902821	-1.10764	0.118661	1.3747	1.3747	0.180311	1.30643	1.30643	0.864642	1.03257	1.03257	3.03407	1.69612	0.49691	1
cg20343375	0.462173	1.14273	1.14273	0.0307482	1.57192	1.57192	0.0678397	1.43993	1.43993	0.245693	0.805392	-1.24163	3.03406	1.52681	0.447308	1
cg19685053	0.062632	0.638349	-1.56654	0.0139241	0.521597	-1.91719	0.200108	1.3364	1.3364	0.8966	0.972528	-1.02825	3.03406	2.2057	0.646204	1
cg05157725	0.0522693	15.9912	15.9912	0.0600651	14.3476	14.3476	0.00855343	67.5298	67.5298	0.0215438	32.0202	32.0202	3.03401	75.7715	22.1992	1
cg01019082	0.562877	1.18179	1.18179	0.19385	1.48074	1.48074	0.0716818	0.563127	-1.7758	0.0240697	0.463796	-2.15612	3.034	3.91796	1.14786	1
cg09504692	0.2262	0.74598	-1.34052	0.0284609	1.81537	1.81537	0.219094	1.34724	1.34724	0.196389	1.37029	1.37029	3.034	2.55549	0.748696	1
cg12089350	0.197261	1.25959	1.25959	0.00521505	1.86653	1.86653	0.235619	0.810222	-1.23423	0.990107	0.997903	-1.0021	3.03399	1.37754	0.403586	1
cg20404150	0.0616562	0.16878	-5.92488	0.010464	0.0656178	-15.2398	0.435432	0.510381	-1.95932	0.0279845	0.111415	-8.97544	3.03398	34.3308	10.0581	1
cg13641778	0.129791	1.86846	1.86846	0.0286363	2.68098	2.68098	0.00741387	3.73416	3.73416	0.04972	2.3515	2.3515	3.03398	7.01068	2.05397	1
cg09856068	0.442697	0.381008	-2.62462	0.0190727	0.0302584	-33.0487	0.0602758	13.6303	13.6303	0.110494	8.53451	8.53451	3.03395	73.03	21.3964	1
cg21001591	0.354624	0.769393	-1.29973	0.00995758	2.4499	2.4499	0.779077	0.925502	-1.08049	0.733504	1.09865	1.09865	3.03393	3.64145	1.06688	1
cg05710561	0.247869	0.575814	-1.73667	0.747007	0.86253	-1.15938	0.032857	0.319676	-3.12816	0.311278	1.61387	1.61387	3.03391	10.0309	2.9389	1
cg19880465	0.102494	0.674066	-1.48353	0.220477	1.32892	1.32892	0.173258	1.37696	1.37696	0.0210043	1.84575	1.84575	3.03386	2.34141	0.686009	1
cg18086594	0.0290847	0.75806	-1.31916	0.044007	1.28304	1.28304	0.150739	1.18039	1.18039	0.685313	1.04485	1.04485	3.03385	0.557231	0.163263	1
cg26815032	0.0709863	0.261018	-3.83115	0.017445	0.145582	-6.86898	0.152723	0.360658	-2.77271	0.117123	0.321926	-3.1063	3.03384	21.3045	6.24204	1
cg24198004	0.170372	0.410773	-2.43443	0.472053	0.640357	-1.56163	0.151744	0.392276	-2.54923	0.971425	0.97841	-1.02207	3.03378	17.8403	5.22715	1
cg25657261	0.341623	1.74656	1.74656	0.0031783	9.90425	9.90425	0.0523546	3.51034	3.51034	0.208884	2.12521	2.12521	3.03376	15.5615	4.5595	1
cg26399164	0.186444	1.67056	1.67056	0.0299865	0.39243	-2.54823	0.0213603	0.363002	-2.7548	0.609773	0.828118	-1.20756	3.03373	6.44968	1.88977	1
cg22946147	0.145794	0.264025	-3.78752	0.0146238	0.0770142	-12.9846	0.235288	0.346204	-2.88847	0.0882476	0.201082	-4.97309	3.03371	34.939	10.2373	1
cg14857792	0.223106	0.609026	-1.64197	0.452066	0.743212	-1.34551	0.180803	1.73402	1.73402	0.889729	0.94768	-1.05521	3.03367	7.20979	2.11252	1
cg26614816	0.128347	0.19165	-5.21783	0.710298	0.687279	-1.45501	0.0185613	17.6213	17.6213	0.0414874	10.6218	10.6218	3.03366	48.536	14.2215	1
cg18237616	0.0687744	0.430174	-2.32464	0.0203284	0.313989	-3.18482	0.527302	1.30376	1.30376	0.452247	0.728219	-1.37321	3.03364	8.24076	2.41463	1
cg19986012	0.136765	10.2496	10.2496	0.0485773	26.3384	26.3384	0.0360822	34.4418	34.4418	0.162199	8.72906	8.72906	3.03363	101.276	29.6751	1
cg27034576	0.143922	0.725489	-1.37838	0.0122958	0.528716	-1.89138	0.182857	1.33498	1.33498	0.0429913	1.60964	1.60964	3.03356	2.00724	0.588157	1
cg13475379	0.254395	0.751933	-1.32991	0.0981614	0.647533	-1.54432	0.240729	1.3421	1.3421	0.456016	0.833703	-1.19947	3.0335	2.75735	0.807969	1
cg11437063	0.0647829	0.0696787	-14.3516	0.0243962	0.0319083	-31.3398	0.980906	0.96973	-1.03121	0.0549737	0.0611177	-16.3619	3.03349	79.2498	23.2222	1
cg01590844	0.00524629	0.107107	-9.33643	0.235347	0.470193	-2.12678	0.630745	1.34159	1.34159	0.355791	1.77946	1.77946	3.03343	17.6861	5.18258	1
cg00589541	0.0567052	0.206051	-4.85317	0.041285	0.178356	-5.60675	0.0747042	0.233646	-4.27998	0.513042	0.615189	-1.62552	3.03342	25.7676	7.55073	1
cg04481102	0.436169	0.711524	-1.40543	0.266206	0.608756	-1.64269	0.133833	0.500217	-1.99913	0.040914	0.363883	-2.74814	3.0334	8.81822	2.58404	1
cg23968113	0.574404	1.06091	1.06091	0.182994	1.15863	1.15863	0.198652	0.868016	-1.15205	0.346552	0.903928	-1.10628	3.03339	0.521643	0.15286	1
cg12273094	0.0910189	2.30119	2.30119	0.62723	1.24495	1.24495	0.76877	0.876359	-1.14109	0.484333	0.727476	-1.37462	3.03338	9.62902	2.82164	1
cg00301172	0.756584	0.961446	-1.0401	0.00223762	0.582015	-1.71817	0.627184	0.939985	-1.06385	0.960148	0.993701	-1.00634	3.03337	0.768177	0.225104	1
cg21709803	0.0294533	0.741845	-1.34799	0.605126	1.06262	1.06262	0.151022	1.19626	1.19626	0.185567	1.17759	1.17759	3.03336	0.651497	0.190913	1
cg25282780	0.100651	0.561506	-1.78092	0.619243	0.851483	-1.17442	0.705336	1.12966	1.12966	0.0716991	1.90672	1.90672	3.03336	4.94846	1.45009	1
cg24536933	0.196292	1.59789	1.59789	0.552114	0.813561	-1.22916	0.0187007	2.65793	2.65793	0.0959415	1.87235	1.87235	3.03334	5.65256	1.65642	1
cg15331332	0.143523	3.48689	3.48689	0.574443	0.637099	-1.56962	0.0137745	11.2403	11.2403	0.0787381	4.71835	4.71835	3.03332	30.3345	8.88928	1
cg19295314	0.260749	0.632238	-1.58168	0.669034	0.845278	-1.18304	0.0206018	0.336206	-2.97437	0.766229	0.889991	-1.12361	3.03327	7.34009	2.15099	1
cg11152943	0.65404	0.855845	-1.16844	0.00313145	0.248083	-4.03091	0.172901	1.64957	1.64957	0.773424	0.905188	-1.10474	3.03321	5.72057	1.67643	1
cg09552631	0.8112	0.945017	-1.05818	0.0306918	1.82195	1.82195	0.0740427	0.624708	-1.60075	0.695153	0.911131	-1.09754	3.0332	2.68278	0.786197	1
cg06537829	0.00489325	0.28805	-3.47162	0.513103	1.24777	1.24777	0.190616	1.58808	1.58808	0.665594	1.15618	1.15618	3.03319	5.35056	1.568	1
cg04772968	0.11467	0.396966	-2.51911	0.544668	0.718801	-1.3912	0.698958	0.811174	-1.23278	0.548725	0.721251	-1.38648	3.03312	13.9312	4.08267	1
cg01530032	0.178371	0.643855	-1.55315	0.0500263	0.502531	-1.98993	0.283514	0.709579	-1.40929	0.0732847	0.540652	-1.84962	3.03306	4.5543	1.33472	1
cg05764422	0.190534	0.813327	-1.22952	0.565057	1.09056	1.09056	0.200497	1.2233	1.2233	0.872001	0.976252	-1.02433	3.03304	1.06728	0.312786	1
cg23273809	0.329221	0.413308	-2.4195	0.022883	0.0917365	-10.9008	0.181737	0.288275	-3.4689	0.0169841	0.0777499	-12.8618	3.03304	36.9848	10.8391	1
cg24667115	0.26783	0.37949	-2.63511	0.0298736	0.117053	-8.54314	0.0985375	0.218545	-4.57571	0.233765	0.350673	-2.85166	3.03304	33.8494	9.92022	1
cg12712270	0.279729	0.789093	-1.26728	0.0806397	1.50442	1.50442	0.778968	1.0611	1.0611	0.897808	0.973279	-1.02745	3.03303	2.13439	0.625526	1
cg11575912	0.987644	0.99414	-1.00589	0.00228133	0.198065	-5.04885	0.0584276	2.25135	2.25135	0.993588	0.996955	-1.00305	3.03302	6.91884	2.02771	1
cg21577598	0.273858	0.743556	-1.34489	0.597411	1.14877	1.14877	0.0331373	1.91204	1.91204	0.79405	1.07045	1.07045	3.03302	3.25299	0.953356	1
cg17412964	0.0134195	0.496316	-2.01485	0.162947	1.40604	1.40604	0.953917	1.01331	1.01331	0.100914	1.50846	1.50846	3.03296	2.51495	0.737072	1
cg08641118	0.18919	1.88511	1.88511	0.00934727	4.49291	4.49291	0.00926219	4.5052	4.5052	0.121827	2.14776	2.14776	3.03295	9.97991	2.92489	1
cg04247218	0.330474	1.18616	1.18616	0.0871242	0.725308	-1.37872	0.305361	0.8349	-1.19775	0.279254	1.21076	1.21076	3.03295	1.38837	0.4069	1
cg26139360	0.0203886	0.577769	-1.7308	0.146604	0.736544	-1.35769	0.25409	1.2633	1.2633	0.715626	0.930711	-1.07445	3.03295	1.85019	0.542248	1
cg24896366	0.424722	1.53211	1.53211	0.706444	0.820353	-1.21899	0.516506	0.708754	-1.41093	0.292042	0.564318	-1.77205	3.03293	13.1565	3.85589	1
cg22902083	0.691458	0.960948	-1.04064	0.789447	1.02709	1.02709	0.715995	0.964172	-1.03716	0.133131	0.850616	-1.17562	3.03291	0.478982	0.14038	1
cg24506149	0.024573	0.544505	-1.83653	0.275957	1.2934	1.2934	0.511267	0.859634	-1.16329	0.110542	1.48403	1.48403	3.0329	2.47551	0.725528	1
cg19541912	0.153351	1.91104	1.91104	0.0591329	0.405495	-2.46612	0.44968	1.38585	1.38585	0.558456	1.28488	1.28488	3.03287	8.61933	2.5262	1
cg10318148	0.156695	0.53052	-1.88494	0.0141308	0.2816	-3.55114	0.0297529	0.342875	-2.91651	0.149458	0.523741	-1.90934	3.03286	8.41095	2.46513	1
cg05630800	0.335344	0.627184	-1.59443	0.0514015	0.352939	-2.83335	0.0534529	0.35699	-2.8012	0.75274	0.862086	-1.15998	3.03286	10.5913	3.10415	1
cg19945897	0.0686642	0.6073	-1.64663	0.0627192	0.598979	-1.66951	0.552116	0.86311	-1.1586	0.0338937	0.54546	-1.83331	3.03286	2.87691	0.843183	1
cg22656997	0.554429	0.914661	-1.0933	0.0275779	1.47502	1.47502	0.577318	0.919442	-1.08762	0.540081	0.911619	-1.09695	3.03284	1.06895	0.313295	1
cg03764219	0.00498336	0.394777	-2.53307	0.560467	1.15858	1.15858	0.517505	1.17831	1.17831	0.885637	0.964653	-1.03664	3.03284	3.00345	0.880274	1
cg01780104	0.248102	0.80716	-1.23891	0.824402	0.961337	-1.04022	0.111888	0.735523	-1.35958	0.319386	0.833123	-1.2003	3.03283	1.51214	0.443191	1
cg14504512	0.0755718	0.72994	-1.36998	0.0629125	1.39511	1.39511	0.440127	0.88224	-1.13348	0.00639891	0.568602	-1.7587	3.03282	1.21647	0.356535	1
cg11861055	0.389176	1.17361	1.17361	0.587264	0.905361	-1.10453	0.0932321	1.39789	1.39789	0.212453	1.269	1.269	3.0328	1.58064	0.463273	1
cg15770613	0.557878	1.29828	1.29828	0.0127882	0.256087	-3.90492	0.514293	1.33818	1.33818	0.945127	1.03078	1.03078	3.0328	9.31936	2.73143	1
cg26105128	0.164328	0.494694	-2.02145	0.00341383	0.151485	-6.60131	0.850385	1.0937	1.0937	0.278822	0.586193	-1.70592	3.03278	10.807	3.16745	1
cg05176211	0.178842	1.90659	1.90659	0.660182	1.2213	1.2213	0.149438	2.01056	2.01056	0.346681	0.645412	-1.5494	3.03276	9.80674	2.87431	1
cg09469554	0.545603	2.05643	2.05643	0.699229	1.58032	1.58032	0.00827812	53.5013	53.5013	0.0223246	25.2136	25.2136	3.03275	66.7367	19.5603	1
cg05856230	0.0207174	0.255197	-3.91855	0.00838989	0.191808	-5.21355	0.379053	0.642412	-1.55663	0.232835	0.541464	-1.84684	3.03272	11.5497	3.3852	1
cg20009101	0.0789932	0.371656	-2.69066	0.00891283	0.184768	-5.4122	0.757254	0.854416	-1.17039	0.0791527	0.371894	-2.68894	3.03267	12.3693	3.6255	1
cg25051805	0.180326	0.640554	-1.56115	0.0194096	0.412771	-2.42265	0.0249272	0.433648	-2.30602	0.764562	1.0986	1.0986	3.03267	4.70797	1.37993	1
cg17051178	0.531201	0.874651	-1.14331	0.0972524	1.46855	1.46855	0.687846	1.08902	1.08902	0.582753	0.88945	-1.12429	3.03266	2.14143	0.627664	1
cg06294803	0.868637	0.962554	-1.0389	0.00887299	0.463977	-2.15528	0.70154	0.915041	-1.09285	0.0335398	1.7728	1.7728	3.03263	2.55341	0.748427	1
cg25643819	0.659603	1.26903	1.26903	0.321379	0.576563	-1.73441	0.16244	2.22914	2.22914	0.0197425	4.54203	4.54203	3.03262	13.8765	4.06732	1
cg02071957	0.173886	0.380267	-2.62973	0.0695305	3.88363	3.88363	0.00742375	10.0213	10.0213	0.949076	1.04361	1.04361	3.0326	21.4538	6.28834	1
cg18736141	0.272872	2.3457	2.3457	0.116477	3.57631	3.57631	0.00643285	14.1231	14.1231	0.0841029	4.16976	4.16976	3.03259	26.8084	7.85787	1
cg06296773	0.483787	1.10515	1.10515	0.00204055	1.84194	1.84194	0.8017	0.965262	-1.03599	0.583203	0.925098	-1.08097	3.03258	0.948044	0.277884	1
cg07174979	0.390941	0.893124	-1.11967	0.00363284	0.602897	-1.65866	0.941072	1.00955	1.00955	0.606658	0.935403	-1.06906	3.03256	0.794116	0.232767	1
cg04918265	0.0990533	0.675076	-1.48132	0.629331	1.11146	1.11146	0.547745	0.876184	-1.14131	0.94286	1.0157	1.0157	3.03254	2.26762	0.664677	1
cg20817941	0.0767798	0.556137	-1.79812	0.00276548	0.292123	-3.42322	0.242035	0.694171	-1.44057	0.955689	0.983572	-1.0167	3.03254	4.26838	1.25114	1
cg13888026	0.277321	1.18229	1.18229	0.944541	1.01036	1.01036	0.634957	1.07346	1.07346	0.0223601	1.5003	1.5003	3.03253	1.05509	0.309265	1
cg20770540	0.684221	0.926997	-1.07875	0.00248506	0.458649	-2.18032	0.410598	0.855565	-1.16882	0.277386	0.811052	-1.23297	3.03252	1.65066	0.48384	1
cg17002510	0.415825	0.716899	-1.3949	0.117849	0.506814	-1.97311	0.650821	0.833312	-1.20003	0.0383013	0.382626	-2.61352	3.03251	7.69169	2.25459	1
cg17777408	0.0488532	0.475187	-2.10444	0.0163387	0.3787	-2.64061	0.224273	0.655567	-1.5254	0.631194	0.852159	-1.17349	3.03248	5.25451	1.54022	1
cg05511685	0.0966348	0.743314	-1.34533	0.0996049	1.34116	1.34116	0.91125	0.98203	-1.0183	0.706726	0.940377	-1.0634	3.03244	1.27034	0.37237	1
cg00129731	0.382414	0.930886	-1.07424	0.811571	0.981086	-1.01928	0.500591	0.946805	-1.05618	0.00704085	1.32118	1.32118	3.03244	0.307003	0.0899909	1
cg11154879	0.321217	1.14866	1.14866	0.0498909	1.35317	1.35317	0.29847	1.1569	1.1569	0.121746	1.25466	1.25466	3.03243	0.878392	0.257481	1
cg25972526	0.210623	1.40869	1.40869	0.168151	1.46453	1.46453	0.180213	0.690951	-1.44728	0.890602	0.964882	-1.0364	3.03242	3.2409	0.95	1
cg07520649	0.246975	0.407035	-2.45679	0.226193	0.389233	-2.56916	0.0421681	5.68651	5.68651	0.0311037	6.54513	6.54513	3.03238	26.4776	7.76144	1
cg18391099	0.292799	0.45226	-2.21112	0.0258523	0.146066	-6.84622	0.0508746	0.198454	-5.03895	0.267547	0.431819	-2.31578	3.03237	25.3873	7.44186	1
cg08456754	0.0161444	0.52797	-1.89405	0.518351	0.867536	-1.15269	0.840102	0.957107	-1.04481	0.677978	0.91337	-1.09485	3.03237	2.26168	0.662975	1
cg25562958	0.405449	1.55472	1.55472	0.31867	1.70631	1.70631	0.778938	0.864244	-1.15708	0.0199214	0.232983	-4.29215	3.03235	12.9093	3.78416	1
cg06544141	0.822096	0.914789	-1.09315	0.0642702	0.439467	-2.27548	0.888679	1.05695	1.05695	0.75597	1.13121	1.13121	3.03234	7.51084	2.2017	1
cg07825347	0.480268	3.14403	3.14403	0.00491761	383.073	383.073	0.0205555	85.9791	85.9791	0.11796	15.0316	15.0316	3.03233	122.396	35.8788	1
cg08457610	0.0274898	2.80012	2.80012	0.410206	1.39456	1.39456	0.751483	1.13367	1.13367	0.938368	0.969924	-1.03101	3.03233	7.48936	2.19541	1
cg15469104	0.0854081	1.30116	1.30116	0.105112	0.782578	-1.27783	0.461389	1.10939	1.10939	0.786968	1.03821	1.03821	3.0323	0.920477	0.269829	1
cg14644941	0.0807563	0.174617	-5.72683	0.0251012	0.0906316	-11.0337	0.69529	0.701365	-1.42579	0.045368	0.126375	-7.91297	3.03228	38.9987	11.4322	1
cg06219695	0.0775055	0.426336	-2.34557	0.0331157	0.338819	-2.95143	0.505056	0.74539	-1.34158	0.20133	0.556408	-1.79724	3.03224	9.06444	2.65721	1
cg23510868	0.987578	1.00305	1.00305	0.0359049	0.620191	-1.61241	0.178409	0.755904	-1.32292	0.157178	0.743711	-1.34461	3.03219	1.83969	0.539307	1
cg07584959	0.607985	0.892051	-1.12101	0.0057693	0.449923	-2.2226	0.774981	1.06533	1.06533	0.602984	1.12283	1.12283	3.03217	2.34097	0.686262	1
cg23886662	0.184118	1.44422	1.44422	0.0623855	1.72845	1.72845	?	?	?	0.188239	1.4387	1.4387	3.07264	2.94411	0.958171	1
cg10700483	0.808494	0.85997	-1.16283	0.0037006	0.0874379	-11.4367	0.541499	1.46812	1.46812	0.0882735	0.310829	-3.2172	3.03213	18.5356	5.43383	1
cg22541905	0.616775	0.843912	-1.18496	0.0106423	0.33951	-2.94542	0.426293	0.760911	-1.31421	0.259629	0.673314	-1.48519	3.03212	5.43314	1.59277	1
cg08497894	0.250456	1.5066	1.5066	0.0295016	2.39842	2.39842	0.221304	1.55081	1.55081	0.97825	0.990739	-1.00935	3.03211	5.5935	1.63978	1
cg18761450	0.623905	1.04845	1.04845	0.0430689	0.800224	-1.24965	0.0073666	1.39188	1.39188	0.51449	1.06533	1.06533	3.0321	0.440204	0.12905	1
cg04755771	0.710824	1.23001	1.23001	0.216569	0.485366	-2.0603	0.220218	0.488429	-2.04738	0.312169	1.78821	1.78821	3.03207	14.8403	4.35063	1
cg13874153	0.0434563	0.385606	-2.59332	0.0138749	0.287197	-3.48194	0.800332	0.901225	-1.1096	0.715793	1.16189	1.16189	3.03207	8.08686	2.37076	1
cg02661886	0.50548	0.903305	-1.10705	0.00921708	0.608041	-1.64463	0.212989	0.82086	-1.21823	0.062071	1.37187	1.37187	3.03207	1.08783	0.31891	1
cg00106739	0.556702	1.09572	1.09572	0.026987	1.49593	1.49593	0.803603	0.962406	-1.03906	0.0169757	0.639092	-1.56472	3.03205	1.13565	0.332931	1
cg24796554	0.0110763	0.337464	-2.96328	0.0283921	0.413854	-2.41631	0.901637	0.958713	-1.04307	0.136629	0.578787	-1.72775	3.03201	5.58391	1.63703	1
cg11293112	0.00205871	0.309114	-3.23505	0.715349	1.10412	1.10412	0.656656	0.886035	-1.12862	0.193508	0.689285	-1.45078	3.032	3.51223	1.02968	1
cg20349024	0.22105	0.572651	-1.74626	0.420522	0.700032	-1.42851	0.0561975	2.55264	2.55264	0.892662	0.943173	-1.06025	3.03195	9.01783	2.64379	1
cg15331976	0.0970901	1.55513	1.55513	0.00864169	2.25199	2.25199	0.540432	1.16216	1.16216	0.758212	1.07775	1.07775	3.03194	2.82347	0.827773	1
cg25342207	0.0521761	2.53816	2.53816	0.227413	0.586026	-1.70641	0.0440393	2.65338	2.65338	0.0391759	2.736	2.736	3.03187	8.54032	2.50387	1
cg20952324	0.250357	0.894139	-1.11839	0.10427	0.847525	-1.17991	0.0872748	0.838725	-1.19229	0.0416036	1.24463	1.24463	3.03186	0.416684	0.122165	1
cg12621171	0.667876	1.04376	1.04376	0.0160783	0.746536	-1.33952	0.775019	1.02884	1.02884	0.00909799	1.38936	1.38936	3.03185	0.47278	0.138612	1
cg14670435	0.0574326	0.777671	-1.28589	0.266036	1.14523	1.14523	0.109882	1.22619	1.22619	0.353105	1.11829	1.11829	3.03183	0.657411	0.192744	1
cg02403931	0.999473	1.00014	1.00014	0.0174286	0.538507	-1.85698	0.872454	1.03495	1.03495	0.0490885	0.618552	-1.61668	3.0318	2.19557	0.643715	1
cg10369509	0.544054	0.908836	-1.10031	0.0361373	0.68432	-1.4613	0.312302	1.17669	1.17669	0.958093	0.991853	-1.00821	3.03176	1.16355	0.341144	1
cg09529655	0.519672	0.917649	-1.08974	0.00240443	0.573064	-1.74501	0.176696	0.827704	-1.20816	0.959502	0.993336	-1.00671	3.03176	0.832498	0.244082	1
cg01251476	0.732194	0.94331	-1.0601	0.0102613	1.73269	1.73269	0.398905	1.15804	1.15804	0.405195	0.865288	-1.15568	3.03174	1.386	0.406366	1
cg18908524	0.0831995	1.48784	1.48784	0.0130529	1.89258	1.89258	0.488404	0.864316	-1.15698	0.71717	0.927407	-1.07827	3.03174	2.06066	0.604174	1
cg20854539	0.124608	0.826154	-1.21043	0.0302035	0.746221	-1.34008	0.0415023	0.763372	-1.30998	0.366143	1.11254	1.11254	3.03173	0.633482	0.185734	1
cg18138866	0.245794	1.36367	1.36367	0.203385	0.709587	-1.40927	0.412824	0.807393	-1.23855	0.420298	1.23416	1.23416	3.03173	3.13517	0.919219	1
cg21798832	0.17665	1.22806	1.22806	0.00327272	1.77419	1.77419	0.37884	0.878852	-1.13785	0.779586	0.960665	-1.04095	3.03169	0.982318	0.288015	1
cg18534077	0.150724	0.43123	-2.31895	0.00458178	0.127281	-7.85662	0.119703	0.397709	-2.5144	0.284408	0.544815	-1.83548	3.03169	14.3213	4.19899	1
cg25949002	0.0404363	0.54518	-1.83426	0.0935663	0.623328	-1.60429	0.317637	0.767396	-1.30311	0.728712	1.09334	1.09334	3.03168	3.15412	0.924787	1
cg04682685	0.32004	1.19827	1.19827	0.15736	1.30497	1.30497	0.165638	1.29729	1.29729	0.977483	1.00498	1.00498	3.03168	1.48785	0.436238	1
cg10333808	0.146052	0.662723	-1.50893	0.00192632	0.314334	-3.18133	0.672592	0.893994	-1.11858	0.40577	1.25136	1.25136	3.07213	3.00582	0.978414	1
cg12773325	0.695004	1.10088	1.10088	0.0754757	1.62038	1.62038	0.027922	1.88434	1.88434	0.53072	0.856508	-1.16753	3.0316	2.85632	0.837495	1
cg14038339	0.509252	0.889623	-1.12407	0.0364363	1.52926	1.52926	0.0367861	0.65459	-1.52767	0.26153	0.815024	-1.22696	3.03157	1.46518	0.429606	1
cg07557355	0.00705202	0.661144	-1.51253	0.277187	1.14371	1.14371	0.062957	1.28216	1.28216	0.795568	0.969622	-1.03133	3.03156	0.677786	0.198735	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. 537 vs. N)	Fold-Change(527T vs. 537 vs. N)	p-value(5 vs. 377 vs. N)	Fold-Change(5 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg04988187	FAH	0.0665463	0.160275	1.28389	1.28389	1.00866076	1.74624	1.74624	0.0205763	1.59149	1.59149	0.115421	0.30745	1.30745	0.47128	0.6850882	-1.12984	0.48521	0.888575	-1.1254	0.67525	1.07271	1.07271	0.301091	1.09704	1.09704	0.0660138	1.40996	1.03156	1.33237	0.390666	1
cg14086642	RADS1;RADS1;RADS1;RADS1	0.0665475	0.0283044	0.517701	-1.93162	2.077082	1.33301	1.33301	0.483804	0.834485	-1.19834	0.755923	0.923037	-1.08338	0.681154	0.886523	-1.128	0.307672	0.764521	-1.30801	0.00442255	0.406194	-2.46188	0.135434	0.664189	-1.5056	0.241627	1.36568	1.36568	0.3105135	3.10436	0.910239	1
cg14138047	DBH	0.066549	0.187782	2.07616	2.07616	0.0031528	8.26146	8.26146	0.0205912	4.27963	4.27963	0.293079	1.76971	1.76971	0.11716	2.43688	2.43688	0.0757537	2.81353	2.81353	0.275721	1.81016	1.81016	0.215083	1.9797	1.9797	0.227947	1.93928	1.93928	0.331552	13.1502	3.85586	1
cg18745186	MUSTN1;MUSTN1	0.0665493	0.175707	0.694363	-1.44017	0.688501	0.896716	-1.11516	0.145091	0.672734	-1.48649	0.075858	0.606221	-1.65059	0.604766	0.834708	-1.58395	0.803508	0.956356	-1.04564	0.149181	0.675799	-1.47973	0.117242	1.53889	1.53889	0.762623	0.926212	-1.07976	0.31151	3.08142	0.903523	1
cg04764687	TCF25	0.0665505	0.455772	1.15705	1.15705	0.9301	1.06917	1.06917	0.206342	2.0778	2.0778	0.675379	0.793627	1.19516	0.817984	0.347085	-2.88114	0.0507075	0.29479	-3.39225	0.0095024	0.1651	-6.05693	0.387608	1.62557	1.62557	0.14	0.418453	-2.38976	0.310149	14.4527	4.2378	1
cg07764513	ZNF584	0.0665514	0.517844	1.12405	1.12405	0.30444	1.20888	1.20888	0.592695	1.1011	1.1011	0.00527233	1.92728	1.92728	0.0320153	1.56532	1.56532	0.389739	1.17024	1.17024	0.198683	1.27413	1.27413	0.345911	1.18903	1.18903	0.101404	0.726223	-1.37609	0.03147	1.52743	0.447874	1
cg06691148	PCGF6;PCGF6	0.0665526	0.144222	1.54645	1.54645	0.82804	0.941334	-1.06232	0.0704875	1.75385	1.75385	0.7023821	1.1126	1.1126	0.489162	1.21564	1.21564	0.687636	1.11888	1.11888	0.00638761	0.3729564	-2.68122	0.103086	1.64142	1.64142	0.609804	0.866713	-1.15378	0.03145	3.70824	1.08734	1
cg07089232	SHTC1	0.0665565	0.0373905	0.744605	-1.34313	0.20324	0.621502	-1.609	0.0655978	0.524136	-1.9079	0.347807	0.701024	-1.42682	0.0047351	0.265363	-3.76942	0.0604485	0.472488	-2.11645	0.0609026	0.488675	-2.05013	0.150585	0.5533515	-1.88198	0.0880046	0.513387	-1.94785	0.03144	6.02075	1.76543	1
cg12185634	MPI2;MPI2	0.066554	0.454722	0.604677	-1.65378	0.872277	0.899917	-1.11121	0.0115289	0.524008	-1.90642	0.287414	0.27453	-3.64253	0.0659263	0.255875	-3.90816	0.518717	1.54666	1.54666	0.0241587	1.65932	-5.90662	0.262171	1.16498	1.16498	0.86597	0.894401	-1.11807	0.31443	20.955	6.14452	1
cg00583733	ALDOA;ALDOA;ALDOA	0.0665541	0.334831	0.568822	-1.75802	0.00315429	9.86042	9.86042	0.354276	1.71702	1.71702	0.0492918	3.57102	3.57102	0.308493	0.549965	-1.8183	0.280873	1.88852	1.88852	0.489037	1.48985	1.48985	0.785521	1.16734	1.16734	0.533617	1.42993	1.42993	0.331443	15.4483	4.52983	1
cg25136045	SDCCAG10;SFRS12IP1;SDCCAG10	0.0665543	0.0568232	1.596362	1.596362	0.0829577	2.73533	2.73533	0.0154502	1.74752	1.74752	0.194887	1.96555	1.96555	0.0239474	1.42625	1.42625	0.442824	1.20639	1.20639	0.388638	0.8956393	-1.00342	0.0648021	1.64431	1.64431	0.356154	1.25557	1.25557	0.312142	2.76074	0.809518	1
cg04345641	FGF12	0.0665544	0.112297	3.85608	3.85608	0.314973	7.16393	7.16393	0.231443	2.66395	2.66395	0.461479	7.9954	7.9954	0.155594	3.27437	3.27437	0.23246	2.65773	2.65773	0.0272758	7.68471	7.68471	0.00492017	18.326	18.326	0.089504	4.32222	4.32222	0.310342	29.257	8.5789	1
cg06457396	C13orf27	0.0665546	0.665313	1.32547	1.32547	0.0768275	3.57489	3.57489	0.0688722	0.267194	-3.7404	0.410743	1.70177	1.70177	0.480338	0.628477	-1.59115	0.0739865	0.374595	-2.67013	0.0184061	0.36932	-2.70805	0.134125	1.72114	1.72114	0.2550571	2.15819	2.15819	0.310242	20.1222	5.90034	1
cg27431298	NDUFA5	0.0665559	7	7	7	2.8E-13	7	7	1.76913	1.17693	1.17693	0.653899	1.13239	1.13239	0.243008	1.40015	1.40015	0.0473656	1.86826	1.86826	0.100627	1.64123	1.64123	0.00699382	2.61423	2.61423	0.138676	2.55375	2.55375	0.106848	1		
cg03928874	LY86;SLC34A2;SLC34A2;SLC34A2;SLC34A2;SLC34A2	0.0665567	0.0644498	0.497314	-2.2742	0.2624058	0.436241	-2.29231	0.0735097	0.454201	-2.20167	0.12786	0.521472	-1.91765	0.0602228	0.439333	-2.27618	0.911593	0.957022	-1.04491	0.0038055	0.2514748	-4.65663	0.309058	0.6563121	-1.52365	0.193928	0.58064	-1.72224	0.31138	7.51075	2.20237	1
cg11330820	SLC3A2	0.0665568	0.199616	0.902532	-1.10799	0.325063	1.07508	1.07508	0.0519349	0.845898	-1.18218	0.00803616	1.29302	1.29302	0.119562	1.13635	1.13635	0.825343	1.01687	1.01687	0.2114415	1.10476	1.10476	0.614415	1.03919	1.03919	0.844697	0.985268	-1.01495	0.31138	0.274946	0.0806222	1
cg12376772	EIF1SP1	0.0665576	0.131156	0.665394	-1.50232	0.236124	1.16364	1.16364	0.2850468	0.755941	-1.31989	0.182059	1.42713	1.42713	0.0245582	0.570708	-2.69754	0.957936	1.01527	1.01527	0.7124493	0.9116168	-1.09695	0.324775	0.775567	-1.28938	0.35552	0.788555	-1.26814	0.10136	2.99937	0.879506	1
cg18529840	RCVRN	0.0665593	0.212411	1.8062	1.8062	0.367539	0.659238	-1.5169	0.304096	0.6933	-1.44263	0.933185	1.03847	1.03847	0.0704702	0.596304	-1.677	0.136663	2.05808	2.05808	0.00434775	0.1799609	-5.55837	0.608479	0.7924901	-1.26184	0.1254	0.973967	-2.10985	0.03133	9.72842	2.8527	1
cg24889272	NA;TSPAN4;TSPAN4	0.0665594	0.0527526	1.78054	1.78054	0.108137	0.631731	-1.58295	0.535026	0.848222	-1.17894	0.0414966	1.85145	1.85145	0.794454	1.07081	1.07081	0.0825244	0.604179	-1.65514	0.205535	1.41899	1.41899	0.215817	0.710828	-1.40681	0.163928	1.47581	1.47581	0.313133	3.29614	0.96654	1
cg07925311	KIF3;KIFC3	0.0665607	0.159643	0.437929	-2.28348	0.0295405	0.244033	-4.08776	0.0319301	0.188415	-5.30742	0.473114	0.669687	-1.49323	0.106433	0.379579	-2.63449	0.143941	0.422043	-2.36943	0.00803513	0.154743	-6.46233	0.134581	0.41211	-2.42654	0.195838	0.471598	-2.12045	0.03131	14.4952	4.25051	1
cg15095906	FAM176B	0.0665611	0.0948286	0.670319	-1.49161	0.2449237	0.514374	-1.94421	0.0817213	0.729386	-1.37096	0.2484	0.587834	-1.70122	0.06977	0.402753	-2.48355	0.0443584	0.2313	-4.32316	0.0139744	0.2836	-3.52705	0.0479081	0.7908891	-1.26454	0.4615171	0.0385247	-2.59603	0.03132	4.85771	1.30311	1
cg19168031	HEATR2	0.0665615	0.558096	0.870364	-1.14894	0.0968286	0.652293	-1.53305	0.136266	1.45689	1.45689	0.0566444	0.603041	-1.65826	0.248653	0.75376	1.32668	0.0227488	1.527791	1.89469	0.0591508	1.64784	1.64784	0.516132	0.850986	-1.16688	0.614409	0.887737	1.12646	0.31122	2.63807	0.773598	1
cg23994043	SAT82	0.0665655	0.0726219	7.0067	7.0067	0.952688	1.06032	1.06032	0.660544	-1.56691	0.161565	0.286616	-4.37416	0.0511466	0.286151	8.46254	8.46254	0.308274	0.353092	-2.83212	0.0114484	0.228	22.7276	22.7276	0.327283	2.71364	2.71364	0.335895	0.375476	-2.66329	0.03122	46.7841	13.7192	1
cg04815242	PHF21B;PHF21B	0.0665659	0.354321	1.19113	1.19113	0.4209731	1.24721	1.24721	0.0801996	2.46799	2.46799	0.0164562	2.14789	2.14789	0.0870996	2.40759	2.40759	0.184128	1.67052	1.67052	0.0185456	1.89202	1.89202	0.0178817	1.8392	1.8392	0.09979	1.64553	1.64553	0.8735051	0.956956	0.0448007	0.627602	1.07349	1
cg07834743	ADAMTS16	0.0665663	0.0494135	9.47339	9.47339	0.126545	5.245	5.245	0.0763172	7.22333	7.22333	0.305797	2.89571	2.89571	0.796421	1.29593	1.29593	0.643408	0.626596	-1.59503	0.00528291	39.9295	39.9295	0.0917595	6.4355	6.4355	0.0593413	8.45247	8.45247	0.31221	48.2689	14.1547	1
cg25753010	BRCA2	0.0665683	0.194969	0.671373	-1.48927	0.0305004	0.941856	-1.06215	0.160545	0.956686	-1.04528	0.166149	0.852316	-1.55337	0.0999209	0.557513	-1.79355	0.476179	-2.10009	0.0224544	0.0398551	0.4767179	-2.09709	0.0479552	1.150986	1.150986	0.2265049	0.8197512	-1.21964	0.31417	4.02463	1.14882	1
cg07891434	VCAN;VCAN;VCAN;VCAN	0.0665684	0.675534	0.93631	-1.06802	0.326538	0.85355	-1.17158	0.62756	0.926417	-1.07943	0.92697	0.926795	-1.07899	0.584901	0.918151	-1.08915	0.878447	1.02421	1.02421	0.0370303	0.685328	-1.45916	0.00378739	1.84163	1.84163	0.733171	0.948022	-1.05483	0.31117	1.17326	0.344057	1
cg25320816	ADPRHL2;ADPRHL1	0.0665688	0.00594828	2.232834	-4.2949	0.2319307	0.601674	-1.66203	0.0697095	0.439579	-2.2749	0.680391	0.84549	-1.18275	0.0106411	0.272158	-3.67434	2.20353	0.580519	-1.7226	0.96248	0.982277	-1.01804	0.187329	0.567645	-1.76166	0.143983	0.529369	-1.88904	0.03116	7.88222	2.31146	1
cg12581769	CACNA1A;CACNA1A	0.0665691	0.0266063	0.635191	-1.57433	0.207977	1.58477	1.58477	0.0402125	0.745154	-1.00235	7	7	7	0.0105161	0.5042	-1.9839	1.39899	1.39899	0.733764	0.944475	-1.05879	0.765421	0.95117	-1.05134	0.35088	0.711801	0.0237259	1					
cg22884020	DLEC1;DLEC1	0.0665709	0.166142	3.41066	3.41066	0.863205	1.15406	1.15406	0.104137	4.37663	4.37663	0.265279	2.6238	2.6238	0.268796	3.084055	2.60379	0.703874	0.725633	-1.37811	0.0171913	11.597	11.597	0.0179993	16.916	16.916	0.65086	1.46017	1.46017	0.33112	33.1428	9.71925	1
cg09443270	RBL2	0.0665727	0.929777	1.03586	1.03586	0.0442219	0.726651	-1.3816	0.457266	1.2522	1.2522	0.0570719	0.888655	1.1253	0.387527	0.8024	-1.24626	0.74556	0.9592	1.04268	0.3151354	0.7861	-1.27211	0.0615584	0.7374122	-1.35611	0.2796446	0.7174	-1.39431	0.0457	0.0401884	0.0102	1
cg14527389	LOC285954;LOC285954;INHBA	0.0665778	0.0187191	0.254628	-3.9273	0.759416	0.866683	-1.15382	0.199382	0.529051	-1.89018	0.852263	0.916847	-1.09069	0.0055672	0.169925	5.884493	0.616209	0.790108	-1.26565	0.153279	0.486972	-2.05351	0.236031	0.558609	-1.79016	0.0242556	0.276381	3.61819	3.62228	10.9642	2.61403	1
cg03408135	CR1L	0.0665779	0.0779563	0.308769	-3.23867	0.168957	0.415063	-2.40927	0.64409	0.756656	-1.3216	0.692563	0.787868	-1.26925	0.0952927	0.333004	-3.00297	0.0123555	0.48071	0.48071	0.975088	-1.01844	0.0936156	3.02317	3.02317	0.516187	0.673708	0.0838	1.43431	1.43431	0.31	17.2802	5.0677	1
cg21252447	CCDC81;CCDC81	0.0665779	0.0609937	1.83184	1.83184	0.2048533	1.63026	1.63026	0.0764724	1.50174	1.50174	0.164278	1.63635	1.63635	0.0307999	2.40739	2.40739	0.123212	0.617141	1.3655	0.0177099	0.3513	-2.84662	0.0884795	0.7746	-1.29097	0.2544656	0.4341	1.4343	1.4343	0.2912261	0.7164836	0.3095	1.3231	1
cg14931230	LYPD5	0.0665782	0.136995	0.274015	-3.64944	0.277771	0.401653	-2.48971	0.0756825	0.94265	0.94265	0.592165	0.645955	-1.5481	0.285473	0.407971	-2.45116	0.547009	0.611067	-1.63648	0.651356	1.44432	1.44432	0.26402	0.390264	-2.56237	0.00747184	16.1749	16.1749	0.303099	31.3538	9.19503	1
cg10228293	WDR19	0.0665785	0.149264	1.31707	1.31707	0.233856	1.14452	1.14452	0.375401	1.09474	1.09474	0.0194744	1.12314	1.12314	0.0644239	0.955024	-1.04706	0.0030484	1.49757	1.49757	0.0173361	1.0368	1.0368	0.0439082	1.113962	1.113962	0.1794488	1.17448	1.17448	0.3108	1.475306	0.1983992	1
cg24767237	NKX2-5;NKX2-5;NKX2-5	0.0665789	0.118367	2.07287	2.07287	0.259621	0.603146	-1.65797	0.325915	0.660546	-1.54665	0.128167	0.493078	-2.02808	0.872915	0.933491	-1.07125	0.0229872	0.310597	-3.2196	0.0078896	0.231	-4.329	0.264175	0.606297	-1.64936	0.392998	0.586547	1.45675	0.30898	8.87335	2.60227	1
cg01593751	TDM1L1	0.0665789	0.214393	0.605436	-1.6517	0.645795	1.19297	1.19297	0.0831273	0.475965	-2.10099	0.044229	0.406673	-2.45898	0.0556104	0.430626	-2.3222	0.623299	0.889635	-1.12406	0.239062	0.7431773	-1.34558	0.0219559	0.522244	-1.91409	0.0637504	0.611229	-1.63605	0.31395	2.67836	0.785544	1
cg24657788	C4orf3;C4orf3	0.0665816	0.0741559	0.604686	-1.65375	0.211044	0.716679	-1.39533	0.755418	0.920476	-1.08216	0.219726	0.721632	-1.38575	0.407102	0.562872	-1.7766	0.00617458	0.405388	-2.46677	0.311568	1.30026	1.30026	0.976067	1.0671	1.0671	0.420135	1.23149	1.23149	0.33093	1.06779	0.8997	1
cg23376539	C1orf93	0.0665824	0.67426	1.10266	1.10266	0.0973014	1.04137	1.04137	0.7745004	1.00091	1.00091	0.9933688	1.09665	1.09665	0.616055	1.54464	1.54464	0.973158	0.74009	-1.03532	0.13279	0.787178	-1.27036	0.0455155	0.899126	-1.11593	0.660368	0.88203	1.08033	1.08033	0.3112	0.0436467	0.0107	1
cg15488822	NUDT3	0.0665823	0.483305	0.85123	-1.17477	0.952192	0.986536	-1.01365	0.113292	1.47643	1.47643	0.73038	1.08136	1.08136	0.907297	1.02669	1.02669	0.931992	0.980888	-1.01948	0.0091162	0.3703118	-2.70038	0.499847	1.16748	1.16748	0.910558	0.974914	-1.02573	0.30392	2.45378	0.71963	1
cg20760897	KCNN3;KCNN3	0.0665824	0.052214	11.5431	11.5431	0.0272026	18.0683	18.0683	0.0124662	4.61282	4.61282	0.0661801	3.61015	3.61015	0.0613981	10.3265	10.3265	0.608649	0.515913	-1.93816	0.0104211	23.7372	23.7372	0.0125981	19.1627	19.1627	0.0726636	19.9267	19.9267	0.31091	58.9075	17.376	1
cg16274221	OR7A17	0.0665831	0.0436381	0.745741	-1.34151	0.16596	0.94042	-1.06375	0.0870363	0.162076	-6.16996	0.696926	0.241952	-4.1336	0.0233837	0.0736524	-13.5773	0.808211	0.79122	-1.26387	0.0145825	0.0271473	-36.8004	0.0044402	0.1064646	-9.39154	0.135154	-7.39897	0.30319	44.5124	13.0543	1
cg25405604	PMM1	0.0665839	0.00275397	0.465103	-2.15006	0.285442	0.814166	-1.22825	0.8273	1.04132	1.04132	0.395834	0.851175	-1.17485	0.716787	1.06984	1.06984	0.427431	1.16201	1.16201	0.267089	0.807142	-1.23894	0.115815	0.728508	-1.37267	0.283644	1.22927	1.22927	0.30389	1.64841	0.483441	1
cg05944207	RAS;10A;RAS;10A;RAS;10A;RAS;10A	0.0665843	0.0922314	0.711453	-1.40535	0.172361	1.47186	1.47186	0.0072687	2.38606	2.38606	0.08644	1.60358	1.60358	0.0148857	1.07571	1.07571	0.324565	0.80729	-1.23896	0.0148324	0.6757383	-1.48057	0.418294	0.840724	-1.1901	0.705275	0.18324	1.08124	1.08124	0.31088	2.25	0.623366	1
cg18696681	LOC154449	0.0665843	0.0910576	0.320089	-3.11537	0.0266319	0.201103	-4.97259	0.0072963	0.119828	-8.34526	0.450328	0.625201	-1.59349	0.0464813	0.248535	-4.02358	0.100499	0.333398	-2.99942	0.0545064	0.264003	-3.78784	0.0850994	0.313909	-3.18564	0.392702	0.585926	-1.7067	0.30388	17.8911	5.24706	1
cg19961132	KAR5;KAR5;TERF2IP	0.0665844	0.161052	0.809604	-1.23505	0.417924	1.13085	1.13085	0.325542	0.860012	-1.16277	0.895127	1.05979	1.05979	0.0713495	0.741416	-1.34877	0.218361	1.12491	1.12491	0.00729048	0.598047	-1.67151	0.0615584	0.731472	-1.36711	0.2796446	1.04153	1.04153	0.30887	1.05941	0.310701	1
cg20984480	WT1;WT1;WT1;WT1	0.066586	0.49581	0.743215	-1.34555	0.2241524	0.315566	-3.16891	0.0612962	0.604719	-2.47085	0.926291	1.04049	1.04049	0.885691	1.06361	1.06361	0.00900594	0.246602	-4.05624	0.0945657	0.454743	-2.19904	0.625911	0.8809667	-1.12462	0.0331686	0.344596	-2.91004	0.30385	8.83445	2.50097	1
cg20609879	ESX1	0.0665862	0.239714	0.448454	-2.22988	0.314877	1.96795	1.96795	0.66313	1.32657	1.32657	0.104768	4.3818	4.3818	0.0362687	4.88352	4.88352	0.338156	0.52562	-1.90252	0.550311	0.674733	-1.48207	0.0103918	0.8137	0.8137	0.680732	1.30932	1.30932	0.30384	20.3685	5.97369	1
cg06128425	ACVR2A	0.0665873	0.0479193	1.08861	1.08861	0.0248533	1.69206	1.69206	0.0944631	1.84711	1.84711	0.232838	1.68373	1.68373	0.0644763	1.69093	1.69093	0.647201	1.14783	1.14783	0.3855303	0.7562005	-1.32206	0.0127597	1.04857	1.04857	0.0858791	0.598096	0.0784202	-1.01685	0.30882	0.0130772	0.0033	1
cg21591820	CEBPG	0.0665898	0.309668	1.34885	1.34885	0.446444	1.2472	1.2472	0.101875	0.600677	-1.66479	0.0292782	0.481437	-2.07712	0.0497448	0.528816	-1.89102	0.772594	0.92083	-1.08598	0.0219079	0.457148	-2.18748	0.395767	1.28089	1.28089	0.548174	1.18883	1.18883	0.30878	3.88928	1.14068	1
cg16007742	SCGB1D4	0.0665916	0.57352	1.24513	1.24513	0.4188553	0.946042	-1.05704	0.554041	0.434854	-2.29962	0.0280962	0.360813	-2.76402	0.489744	1.31058	1.31058	0.32544	1.47906	1.47906	0.194933	0.5402767	-1.85102	0.0709218	0.2611	-3.82996	0.850473	0.928834	-1.07546	0.30275	7.13272	2.09196	1
cg26074140	ARTN;ARTN;ARTN;ARTN;ARTN	0.0665921	0.0305906	0.734286	-1.36187	0.700311	1.04814	1.04814	0.405891	1.1089	1.1089	0.831191	0.974382	-1.02629	0.693955	1.14203	1.14203	0.363716	0.892279	-1.12073	0.0158694	1.43209	1.43209	0.24614	0.862906	-1.15888	0.311479	0.880475	-1.13575	0.30374	0.709377	0.208054	1
cg10242602	ZFA2	0.0665949	0.0340749	7.7415	7.7415	0.285305	2.505	2.505	0.0706998	5.3184	5.3184	0.478911	1.81417	1.81417	0.401106	2.0363	2.0363	0.949507	0.948947	-1.0518	0.00751045	17.2362	17.2362	0.0152707	11.761	11.761	0.165121	3.40472	3.40472	0.30369	32.8639	9.63885	1
cg00424135	STOX1;STOX1;STOX1;STOX1;STOX1	0.0665954	0.0222814	0.744756	-1.34256	0.172389	1.12411	1.12411	0.0977407	1.37188	-1.19734	0.0436938	1.07289	1.07289	0.0155468	1.07653	1.07653	0.326025	0.876502	-1.14095	0.0765027	0.6555303	-1.52546	0.0265163	1.43386	1.43386	0.104637	0.0253601	0.143386	0.882384	0.258801	1		
cg12891667	NICN1	0.0665956	0.128105	1.5086	1.5086	0.73111	0.917383	-1.09006	0.242525	0.736581	-1.35762	0.286183	0.736955	-1.30966	0.0216795	0.240387	-4.16098	0.905038	0.976008	-1.03028	0.0153801	1.72973	1.72973	0.58475	1.14791	1.14791	0.991097	1.00279	1.00279	0.30367	2.9992	0.879657	1
cg09444405	PSG1	0.0665963	0.0132068	0.542121	-1.84256	0.0386215	0.744835	-1.3426	0.0952956	0.394498	-2.53511	0.0796357	0.508407	-1.96658	0.0640934	0.329961	-3.03107	0.0262204	0.184642	-5.41618	0.0064196	0.1226132	-8.15603	0.0056354	0.0852263	-11.7322	0.0064196	0.0229533	-2.88738	0.0272754	0.168735	0.0041	0.0001	1
cg04580674	HTRA4	0.0665982	0.144694	3.02936	3.02936	0.254563	2.32024	2.32024	0.215574	2.51474	2.51474	0.387598	0.53444	-1.87112	0.129314	3.18847	3.18847	0.912186	0.924918	-1.08118	0.00537498	13.3734	13.3734	0.0306465	0.92066	0.92066	0.115595	1.40771	1.40771	0.30363	24.0261	7.0469	1
cg24013228	FBXO27	0.0666004	0.0259017	1.56461	1.56461	0.758712	1.03903	1.03903	0.516386	1.0852	1.0852	0.352063	0.887799	-1.12638	0.12192	1.23165	1.23165	0.735504	0.95874	-1.04304	0.0167807	1.43721	1.43721	0.571643	0.9314431	-1.07362	0.664108	1.0558	1.0558	0.30359	0.74125	0.217413	1
cg10907941	SIRT5;SIRT5;SIRT5	0.0666009	7	7	7	2.8E-13	7	7	1.76913	1.17693	1.17693	0.653899	1.13239	1.13239	0.243008	1.40015	1.40015	0.154851	1.25119	1.25119	0.0768666	1.51252	1.51252	7	7	7	2.8E-13	7	7	1.76913	1.17693	1.17693	0.653899	1.13239	1.13239	0.243008	1.40015	1.40015	0.275222	0.577451	-1.73175	0.268412	0.527563	-1.74653	0.695602	0.826781	-1.20951	0.00972547	0.205558	-4.86481	0.30356	11.2319	3.29442	1
cg00082621	HIP14;HIP14	0.066602	0.00918308	0.201853	-4.95409	0.271882	0.575061	-1.73895	0.212545	0.529858	-1.8873	0.858931	1.08987	1.08987	0.0286687	2.869	-3.48554	0.275222	0.577451	-1.73175	0.268412	0.527563	-1.74653	0.695602	0.826781	-1.20951	0.00972547	0.205558	-4.86481	0.30356	11.2319	3.29442	1
cg15986644	DIP2C	0.0666036	0.636786	0.882603	-1.13326	0.916318

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg11364364	AHDC1	0.0666821	0.502094	1.11356	0.126172	1.29858	1.29858	0.0313729	1.48885	1.48885	0.993819	1.00919	1.00919	0.662179	1.07188	1.07188	0.734751	1.05516	1.05516	0.00825537	0.586611	1.70471	0.223875	1.22356	1.22356	0.259748	1.20398	1.02911	1.1961	0.350994	1
cg26128456	JAKMIP1;JAKMIP1	0.0666821	0.292607	1.31458	0.0337745	0.537413	1.86077	0.0690084	0.600658	-1.66484	0.950969	0.01552	1.01552	0.758574	1.71121	1.71121	0.218491	1.38298	1.38298	0.0717315	1.654811	1.65481	0.195721	1.40885	1.40885	0.926095	0.977026	-1.02351	1.02911	3.01066	0.883477	1
cg12710538	MYO18A;MYO18A	0.0666825	0.0147224	0.362278	-2.76201	0.922972	1.03325	1.03325	0.298189	0.694396	-1.4401	0.950498	0.979222	-1.02122	0.0914271	0.533312	-1.87507		0.0586033	2.05969	2.05969	0.476695	0.782923	-1.27726	0.108339	1.80837	1.80837	0.160547	0.602317	-1.66026	3.0291	5.48735	1.61026	1
cg20664054	REPH	0.0666855	0.0251396	0.291716	-3.42799	0.117683	0.455682	-2.19456	0.0748813	0.998479	-2.50326	0.650061	1.23524	1.23524	0.0213796	2.27828	-3.59338		0.60837	0.835164	-1.19737	0.0125871	0.238056	-4.2007	0.602671	0.784323	-1.27499	0.140209	0.479967	-2.08348	0.32003	10.2644	3.01215	1
cg16243019	DLX6AS;DLX6	0.0666869	0.0504333	3.00096	0.887432	0.926946	-1.07881	0.983075	0.988703	-1.01143	0.296807	1.78487	1.78487	0.348738	0.5965	-1.67645		0.0911135	0.369092	-2.70935	0.0448296	0.291306	-3.43282	0.0249585	4.1753	4.1753	0.719049	1.21346	1.02902	1.71615	4.0384	1
cg11009676	TBX21	0.0666873	0.00377732	0.460804	-2.17012	0.946641	0.986818	-1.01336	0.70282	1.07896	1.07896	0.561625	0.8905662	-1.12393	0.406473	1.18337	-1.18337		0.0709347	1.1978	1.1978	0.918245	1.02056	1.02056	0.0298672	0.602508	-1.65973	0.30015	0.808264	-1.23722	0.92001	1.88558	0.55334	1
cg20462763	CAPN1	0.0666874	0.863915	1.02486	1.02486	0.12661	1.26688	1.26688	0.782597	1.04039	1.04039	0.903205	1.01757	1.01757	0.0629577	1.34913	1.34913		0.389883	1.13443	1.13443	0.00450635	0.581608	-1.71937	0.338273	1.15178	1.15178	0.673091	1.06263	1.06263	3.02901	0.983113	0.288503	1
cg19012696	ADAM32	0.0666885	0.166467	0.527058	-1.89732	0.0409655	0.359162	-2.78426	0.413253	1.4159	1.4159	0.765155	0.872624	1.14683	-0.871337			0.507858	0.745991	1.3405	0.221145	1.20223	1.20223	0.561487	0.775029	-1.29027	0.263003	0.602554	-1.6596	3.02899	9.040212	2.653912	1
cg00102808	PSD2;PSD2	0.0666892	0.624838	0.947752	0.0513121	1.19333	1.19333	0.207231	0.865179	-1.15383	0.863229	0.981278	-1.01908	0.0256985	0.743946	1.33446		0.72402	0.962134	-1.03956	0.0396345	0.698426	-1.43179	0.429611	0.915951	-1.09176	0.30453	0.752482	1.15739	1.15739	3.02898	0.568756	0.166908	1
cg12573705	MIR548F5;NBEA;MAB21L1	0.0666893	0.0463041	0.178734	-5.59492	0.254025	0.407203	-2.45578	0.753174	1.26864	1.26864	0.630857	0.694061	-1.4408	0.0562982	0.195867	-5.1055		0.106448	0.264557	-3.77991	0.00592725	0.066216	-15.1021	0.0328852	0.152232	-6.56893	0.276013	0.425401	-2.35072	0.32898	27.2942	8.80981	1
cg04706667	ITGJB	0.0666911	0.305714	0.574209	-1.74128	0.711178	0.879	-1.14827	0.449481	1.750906	1.75091	-1.13172	0.930305	1.07969	-1.07969	0.71951		0.027147	1.378271	1.63645	0.134264	0.551022	-1.81482	0.386647	0.662793	-1.50877	0.259531	0.645827	-1.5484	3.02894	6.628356	1.94525	1
cg26547788	HDHD1A;HDHD1A	0.0666916	0.9511	0.090387	-1.00925	0.00489573	1.75014	1.75014	0.536132	1.0986	1.0986	0.556441	1.09339	1.09339	0.1600664	1.25268	1.25268		0.328638	0.859563	-1.16338	0.233994	0.14902	1.49802	0.33931	1.15931	1.15931	0.0874842	1.3273	1.3273	1.32894	1.0807	0.317148	1
cg15393306	PTPRB;PTPRB MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEI	0.0666923	0.102351	0.85964	-1.16328	0.742218	1.02832	1.02832	0.466801	0.939274	-1.06465	0.0278875	0.802652	-1.24587	0.94849	0.921586	-1.08509		0.211729	0.89467	-1.11773	0.0225234	1.26007	1.26007	0.131742	0.871406	-1.14757	0.325186	1.08975	1.08975	0.82692	0.343362	0.100765	1
cg22291711	S2;MEI52	0.0666971	0.109444	0.228023	-4.38552	0.0438161	0.140565	-7.11416	0.0304233	0.558498	-1.75116	0.0315642	0.156753	-6.37947	0.529558	0.583055	-1.71511	0.211546	0.327971	0.04905		0.375655	0.462944	-2.16009	0.0157311	0.12691	12.2691	0.464281	0.532108	-1.87932	0.319119	0.418065	-2.39197	0.32884	34.4174	10.1007	1
cg03634498	FOXI3 SLC25A21;SLC25A21;SLC25A21;LOC100	0.0666971	0.495425	1.49678	0.193473	1.58946	1.58946	-2.56802	0.0221054	0.205135	-1.44769	0.015309	1.07546	-1.07546	0.0211752	1.7453		0.0609643	0.307078	-3.2565	0.0139471	0.154954	-1.94192	0.136913	0.393179	-2.54317	0.32884	16.285	4.77924	1
cg23291305	129794;SLC25A21	0.0667	0.414756	1.37414	1.37414	0.016267	0.315654	-3.16803	?	?	?	0.171202	1.74889	1.74889	0.621396	0.837464	-1.20851		0.262615	1.55744	1.55744	?	?	?	0.172021	1.74675	1.74675	0.0908116	0.4874	-2.0517	3.34802	5.82912	1.74107	1
cg22408513	TTN;TTN;TTN;TTN	0.0667007	0.839688	0.951914	-1.05052	0.472443	0.8371	-1.1946	0.0304233	0.538498	-1.85702	0.859587	1.04402	1.04402	0.0223022	0.355268	-2.81478		0.672221	1.10909	1.10909	0.595451	1.13926	1.13926	0.677152	0.903145	-1.10724	0.447278	0.828239	-1.20738	0.32877	2.83956	0.83336	1
cg07591885	LAMB3;LAMB3;LAMB3	0.0667027	0.042114	0.541304	-1.84739	0.0185173	2.11408	2.11408	0.903126	1.03243	1.03243	0.948477	1.01708	1.01708	0.836794	0.94737	-1.05555		0.634167	0.881918	-1.13389	0.0186666	2.11126	2.11126	0.212024	1.4114	1.4114	0.761397	0.923278	-1.0831	0.32873	3.29557	0.9672	1
cg17125623	NFATC3;NFATC3;NFATC3;NFATC3	0.0667029	0.256308	0.574802	-1.74023	0.2	2.7	2.7	0.020724	1.94883	1.94883	0.199733	0.589064	-1.69787	0.493743	0.79024	-1.4195		?	?	?	0.165012	2.03853	2.03853	0.0178441	2.40087	2.40087	?	?	1.37971	7.95383	2.32686	1
cg12801715	PBX1	0.0667031	0.09616	1.85157	1.85157	0.0260957	0.410597	-2.43548	0.0432657	0.455622	-2.18999	0.240908	0.51278	1.51278	0.496024	1.26204	1.26204		0.116025	1.77883	1.77883	0.460768	1.28813	1.28813	0.159956	0.165905	1.65905	0.687254	0.14621	1.14621	0.328373	5.45342	1.6005	1
cg01618245	CHRNA4	0.0667034	0.374903	0.849853	1.1765	0.0158805	2.4569	2.4569	0.0157357	1.36065	1.36065	0.734954	0.968327	-1.03292	0.0302603	0.424272	-2.47359		0.813408	0.960664	1.04163	0.0537353	0.422183	-2.37428	0.0127283	1.72361	1.72361	0.0178325	0.819039	-1.22094	0.32872	6.63016	1.75945	1
cg23436703	OSBPL5;OSBPL5;OSBPL5	0.0667034	0.232335	0.773096	-1.2935	0.0509698	0.629494	-1.58858	0.252685	1.27805	1.27805	0.190453	0.751782	-1.33017	0.409461	0.841427	-1.18846		0.0499137	0.627733	-1.59303	0.00552252	0.459457	-2.17648	0.665339	1.09292	1.09292	0.640329	0.908384	-1.10086	3.25966	2.1026	0.501696	1
cg06809635	CAP1;CAP1	0.0667058	0.602016	1.43969	1.43969	0.0272961	0.1042	6.1042	0.00975629	0.61811	0.61811	0.648171	1.64071	1.64071	0.0107169	2.890481	-1.12299		0.0492553	0.211299	-4.73262	0.26284	2.22026	2.26026	0.186282	1.90221	1.90221	0.393452	1.83207	1.83207	0.32868	23.0104	6.75334	1
cg26760934	RTKN;RTKN;RTKN;RTKN	0.0667084	0.0495077	0.444804	-2.24831	0.0290742	0.72749	-1.37494	0.414	1.36092	1.36092	0.736202	0.916314	1.09147	0.0354831	1.31609	1.31609		?	?	?	0.0886424	0.68614	1.45727	0.0213567	34.7564	34.7564	0.0113227	0.0288	28.9583	0.0372007	12.3759	12.3759	46.9204	12.4454	1
cg02050354	GUCA1A	0.0667102	0.824985	0.96598	-1.03522	0.0254447	1.51444	1.51444	0.482937	0.894552	-1.11788	0.516655	1.10822	1.10822	0.00980296	1.66419	1.66419		0.227364	1.21902	1.21902	0.0439765	1.43583	1.43583	0.309526	0.848448	-1.17862	0.985585	0.997181	-1.00283	3.0286	1.17145	0.34382	1
cg01482912	RPS12;SNORD100;SNORA33	0.0667109	0.0774935	0.823421	-1.21443	0.500943	1.04605	-1.04605	0.723137	0.681602	-1.46725	0.0636863	1.08745	1.08745	0.0916892	1.10744	-1.5587		0.717719	0.964696	-1.0361	0.0818424	0.624291	-1.60193	0.0855972	0.49593	-2.01659	0.0210619	0.373904	-2.67451	0.32883	0.470169	0.137994	1
cg17918276	MYT1L	0.0667116	0.814298	0.06132	1.06132	0.0993128	0.633183	1.58	0.0159334	0.557542	-1.80355	0.833114	1.05482	1.05482	0.58529	1.26317	1.26317		0.782401	0.932364	-1.07254	0.0629573	2.45091	2.45091	0.670106	0.897274	-1.11449	0.48501	1.1966	1.1966	1.02857	3.06894	0.900736	1
cg21334609	CCHCR1;CCHCR1;CCHCR1	0.0667128	0.16208	0.39877	-2.50771	0.0454326	0.243381	-4.10879	0.232397	0.462422	-2.16253	0.819549	0.868728	-1.15111	0.00760816	0.120787	-8.27901		0.0253645	0.194592	-5.13895	0.0441306	0.240589	-4.15474	0.866538	0.901667	-1.10906	0.0955431	0.323776	-3.08855	0.32855	18.1929	5.33966	1
cg22518769	SLC29A4;SLC29A4	0.0667132	0.0780755	0.442525	-2.25945	-1.44087	2.3	2.3	0.0205	2.1002	2.00124	0.858739	-1.51805	0.0961469	0.0724554	1.2028	-1.66435		0.382164	1.18201	1.18201	0.515266	1.26955	1.26955	0.0749301	0.672106	-1.47232	0.137907	0.742195	-1.34755	0.32855	2.69015	0.490319	1
cg06325515	GABARAPL2	0.0667182	0.89028	0.931624	-1.07339	0.0943024	2.56979	2.56979	0.0361282	1.48592	1.48592	0.253483	1.84085	1.84085	0.0234808	2.249436	0.00005		0.0340903	0.55743	1.55743	0.669263	1.2467	1.2467	0.704704	1.45724	1.45724	0.753954	0.851001	-1.17509	3.02845	12.6295	3.7069	1
cg05865451	PIGG;PIGG	0.0667183	0.2464848	1.6483	1.6483	0.0150805	2.45157	2.45157	0.0779757	1.52303	1.52303	0.0808802	1.23444	1.23444	0.0491037	1.89327	-1.19072		0.0856282	0.420818	-2.37648	0.0164233	0.154956	-1.93505	0.0377099	0.0856	-11.6853	0.0177517	0.179488	-5.57133	0.32855	1.2061	0.278177	1
cg08767708	2FHX3;2FHX3	0.0667192	0.605192	0.842937	-1.18633	0.0177656	2.57129	2.57129	0.319053	0.713626	-1.40129	0.0506236	0.48201	-2.07465	0.497723	0.798073	-1.25302		0.338779	0.723926	-1.38136	0.0172801	0.386571	-2.58616	0.366103	0.737685	-1.35559	0.0999115	0.999637	-1.00036	0.32843	0.14902	1.51131	1
cg08541518	BAI3	0.0667205	0.516952	0.90927	-1.09978	0.0494025	1.38351	1.38351	0.148898	1.25118	1.25118	0.534626	1.09531	1.09531	0.0131241	1.20833	1.20833		0.0122628	0.636611	-1.57082	0.969634	1.00553	1.00553	0.793421	0.962722	-1.03872	0.071333	1.33851	1.33851	0.32841	1.00504	0.294997	1
cg08361399	CHD9	0.0667207	0.2666267	1.67794	1.67794	0.0170552	1.56566	1.56566	0.0413941	1.83911	1.83911	0.0178048	1.23853	1.23853	0.0744801	1.32194	1.32194		0.0856282	0.420818	-2.37648	0.0164233	0.154956	-1.93505	0.0377099	0.0856	-11.6853	0.0177517	0.179488	-5.57133	0.32855	1.2061	0.278177	1
cg18942298	JPH2;JPH2	0.0667227	0.360452	0.71691	-1.39476	0.3993	1.35706	1.35706	0.00768637	0.297538	-3.36092	0.0787526	0.501114	-1.99555	0.037241	0.424964	2.35314		0.396693	0.735544	-1.35954	0.0642995	0.479185	-2.08688	0.0650286	0.480377	-2.0817	0.176808	0.601642	-1.66212	0.32837	6.00698	1.76317	1
cg13455896	PARD6G;LOC100130522;LOC100130522	0.0667232	0.0880937	0.31428	-3.18188	0.202959	0.437559	-2.28541	0.960926	0.932044	-1.07291	0.0545681	0.261547	-3.82341	0.0269371	0.199622	-5.00947		0.341313	0.547157	-1.82763	0.0584536	0.108679	-9.20143	0.679233	1.29139	1.29139	0.12538	0.360568	-2.7734	0.32836	18.1397	5.32439	1
cg22237988	BAX;BAX;BAX;BAX	0.0667242	0.34833	0.790847	-1.26447	0.501242	0.847445	-1.18002	0.0449945	0.566193	-1.76618	0.179129	1.41696	1.41696	0.115757	0.657684	-1.52049		0.0813038	0.621813	-1.6082	0.0883378	0.630034	-1.58722	0.696891	1.09942	1.09942	0.00875776	0.431661	-2.31663	3.25922	2.958	0.705893	1
cg24648594	LOC440925;SP1	0.0667243	0.64389	0.859403	1.1632	0.0159434	2.4605	2.4605	0.0156	1.35184	1.35184	0.227898	0.778232	-1.28405	0.0132462	1.73938	-1.73938		0.53631	1.14851	1.14851	0.400915	1.08892	1.08892	0.162774	0.774511	-1.29114	0.940986	0.91002	-1.09884	1.44546	1.44546	0.0185275	1.10065	0.0294593	1.44546	0.0827711	0.288466	1
cg02189760	CD37;CD37	0.0667252	0.270729	1.38893	1.38893	0.504959	0.71895	1.18895	0.0318301	0.20606	0.05606	0.0516433	1.88626	1.88626	0.406225	0.783929	-1.27563		0.349365	0.75812	-1.31785	0.764397	1.08993	1.08993	0.658931	1.13572	1.13572	0.00629749	2.77175	2.77175	0.32833	3.93684	1.15556	1
cg12063359	KCNK15	0.0667256	0.481563	0.89015	-1.12333	0.13451	1.47441	1.47441	0.0433653	1.14742	1.14742	0.618758	1.04482	1.04482	0.423378	1.10689	-1.10689		0.205792	1.49284	1.49284	0.0026605	0.291838	-3.42705	0.0188962	0.109521	2.98886	0.0122355	0.133222	7.50768	0.0125137	1.29338	1.29338	0.32832	0.0965405	0.0965405	1.29338	0.0965405	1
cg17092939	TBC1D9	0.0667259	0.240643	0.772569	-1.29438	0.0103355	1.9711	1.9711	0.0122119	1.92872	1.92872	0.555379	1.13348	1.13348	0.965214	0.990882	-1.0092		0.486121	0.86187	-1.16027	0.309155	0.801656	-1.24742	0.541648	1.13857	1.13857	0.486788	1.16	1.16	0.32831	2.11608	0.621125	1
cg12391576	HLA-DPA1	0.0667269	0.524449	1.27947	1.27947	0.943973	0.10896	1.02896	0.0026863	0.68765	-1.45401	0.0434354	0.998	0.998	0.0016892	1.44703	-1.44703		0.660894	0.837379	-1.19421	0.0464194	0.704207	-1.42007	0.0945658	0.908728	-1.10044	0.0222022	0.917918	-1.08956	0.32831	0.165597	0.0823	1
cg01445369	DAD1	0.0667272	0.726358	0.04122	1.04122	0.672367	0.952272	-1.05012	0.369118	1.1588	1.1588	0.525934	1.13288	1.13288	0.0407532	1.10833	1.10833		0.719834	0.99436	-1.00228	0.0412168	0.762802	-1.31096	0.851843	1.02273	1.02273	0.003527	1.57587	1.57587	0.32829	0.639958	0.186084	1
cg16801491	SPATS1L;SPATS1L;SPATS1L	0.0667273	0.240024	1.36797	1.36797	0.649405	1.12363	1.12363	0.346017	1.2804	1.2804	0.0888845	1.61274	1.61274	0.823266	0.946619	-1.05863		0.888179	1.03648	1.03648	0.00438994	0.37953	-2.63484	0.163342	1.4607	1.4607	0.458974	1.21173	1.21173	0.32829	3.11122	0.91323	1
cg24534246	HUNK;HUNK	0.0667276	0.992336	0.998987	-1.00101	0.979241	0.763421	-1.30989	0.736303	0.994961	-1.00631	0.851709	0.980445	-1.01959	0.0976491	1.02038	-1.02038		0.629291	0.940411	-1.06375	0.0425238	0.144858	1.07312	0.0676238	0.144858	1.44858	0.785629	1.02919	1.02919	0.32828	0.534129	0.156782	1
cg14754870	PPP3R1	0.0667298	0.764941	0.925308	-1.08072	0.0431738	1.82617	1.82617	0.207376	1.41086	1.41086	0.0310465	1.90649	1.90649	0.512593	0.842042	-1.18759		0.347249	0.778365	-1.28474	0.0828068	2.39748	2.39748	0.318045	1.30628	1.30628	0.424548	2.33995	1.23395	0.32828	3.21444	0.943532	1
cg05996795	MGC34034;MGC34034	0.0667281	0.0919995	15.7613	15.7613	0.222009	4.44837	4.44837	0.134666	6.32211	6.32211	0.200986	0.225158	-4.47351	0.182561	4.80267	4.80267		0.0859581	0.320667	-3.11939	0.0126407	0.0113594	-8.81884	0.609135	1.77192	1.77192	0.2338896	0.92858	0.92858	0.32827	59.0188	17.3238	1
cg01222559	SORCS2	0.0667282	0.884422	-1.08119	-1.03293	0.106408	1.148101	1.148101	0.284667	0.779406	-1.28303	0.200152	1.35184	1.35184	0.272898	0.778232	-1.28496		0.274556	0.775285	-1.28819	0.0305165	0.426486	-2.34286	0.555845	0.875722	-1.14191	0.0142893	0.510118	-1.96009	0.32827	2.3797	0.698513	1
cg24152683	ZNF790;ZNF709	0.0667288	0.111668	0.745858	-1.34074	0.565619	1.10311	1.10311	0.00592486	1.83711	1.83711	0.759711	0.949485	-1.0532	0.227269	1.23885	1.23885		0.320417	0.80738	-1.18943	0.753403	1.05478	1.05478	0.195205	0.751474	-1.33072	0.326882	0.842802	-1.18652	0.32826	1.36932	0.401937	1
cg08831169	RPLP2	0.0667292	0.29683	1.23247	1.23247	0.27948	1.13417	1.13417	0.0741741	1.54682	1.54682	0.123874	1.80544	1.80544	0.0166468	2.52397	2.52397		0.215562	1.17425	1.17425	0.186615	0.402957	1.57553	0.0127553	0.886471	1.00335	0.0019135	0.182801	5.46265	1.00335	0.182801	0.54265	1
cg23998414	BMP8A	0.0667305	0.573586	0.876037	-1.1415	0.647065	0.898266	-1.11326	0.119338	0.674769	-1.48199	0.378059	0.810184	-1.23429	0.00116972	0.329895	-3.03126		0.508108	0.855339	-1.16913	0.739792	0.925358	-1.08066	0.545386	0.867245	-1.15308	0.12546	0.679804	-1.47101	0.32823	2.59791	0.762576	1
cg18656170	LTBL1B	0.0667309	0.0485434	0.732166	-1.36581	0.0393427	1.42217	1.42217	0.253198	0.784731	-1.27451	0.475036	1.90439	1.90439	0.0105272	0.894085	-1.11846	0.0579734	0.140703	0.710937	-1.40703	0.0579737	0.818949	-1.22027	0.495658	0.908728	-1.10044	0.32822	0.917918	0.269441	1
cg00724018	FERMT2;FERMT2;FERMT2	0.0667315	0.86216	0.942225	-1.06132	0.0305553	1.38754	1.38754	0.350542	1.38864	1.38864	0.931916	1.02969	1.02969	0.852855	0.938397	-1.06565		0.0842022	0.515847	-1.92364	0.0211284	0.58293	0.58293	0.0795935	0.95015	1.95015	0.0770089	1.9608	1.9608	0.32821	0.62416	1.65089	1
cg10876003	FLI41941	0.0667345	0.683994	0.898945	-1.11241	0.0818762	0.605365	-1.6519	0.0577907	0.572094	-1.74796	0.125186	0.64916	-1.54045	0.0175156	0.471078	-2.12279		0.170195	0.683658	-1.46272	0.00502511	0.380543	-2.62782	0.287588	0.750178	-1.33302	0.240148	0.72602	-1.37737	0.32816	3.25041	0.954129	1
cg25421651	ARHGEF4;ARHGEF4	0.0667352	0.7599903	1.31945	1.31945	0.0749333	0.674933	-1.4805	0.0938356	0.760441	-1.31579	0.0736303	0.964961	-1.03631	0.851709	0.980445	-1.01959	0.0976491	0.629291	0.940411	-1.06375	0.0425238	0.144858	1.07312	0.0676238	0.144858	1.44858	0.785629	1.02919	1.02919	0.32828	0.534129	0.156782	1
cg17331569	LY9	0.0667362	0.0228214	0.324304	-3.08352	0.0798961	0.447849	-2.2329	0.0478691	0.392555	-2.54741	0.376249	0.687048	-1.4555	0.0415906	0.37864	-2.64103		0.0712335	0.434776	-2.30003	0.270714	0.622489	-1.60646	0.0214743	0.319209	-3.13275	0.0268817	0.338375	-2.9553	0.32813	8.19481	2.40554	1
cg10494615	EIF2B4;EIF2B4;EIF2B4	0.0667365	0.837464	1.07443	1.07443	0.244443	1.14857	1.14857	0.0134666	1.62211	1.62211	0.0307956	1.14152	1.14152	0.0032519	1.72662	-1.72662		0.402469	0.8489	-1.17805	0.0855	1.18574	1.18574	0.254227	1.51726	1.51726	0.857779	1.06485	1.06485	0.32812	0.93658	0.242807	1
cg03985727	MEOX2	0.0667381	0.645338	0.610206	-1.63879	0.489307	0.473016	-2.1141	0.0101911	31.6005	31.6005	0.627312	1.68453	1.68453	0.689774	0.652036	-1.53366		0.654859	0.619047	-1.61539	0.704043	0.665788	-1.50198	0.00680307	0.914952	41.9952	0.48647	2.12481	2.12481	0.32811	54.483	15.9933	1
cg10544091	MIR1292;NOP56;NOP56	0.0667399	0.875036	0.966768	-1.03437	0.891137	0.971074	-1.02979	0.243389	1.2997	1.2997	0.0140854	0.521631	-1.91706	0.0482941	0.615942	-1.62353		0.12224	1.43287	1.43287	0.591772	1.12256	1.12256	0.633421	1.10869	1.10869	0.0756222	1.52913	1.52913	0.32808	2.21165	0.649228	1
cg21746222	PPP4R2B;PP4K2B	0.0667391	0.0039945	0.27153	-3.68375	0.132085	1.5137	1.5137	0.124223	1.512	1.512	0.0136834	1.64605	1.64605	0.0169656	2.51667	-2.51667		0.81549	1.00529	1.00529	0.982722	1.01658	1.01658	0.13737	1.16515	1.16515	0.0437993	1.66093	1.66093	0.32808	0.82614	0.242935	1
cg11524446	C1orf94;C1orf94	0.0667398	0.967177	1.0149	1.0149	0.0876266	1.96898	1.96898	0.94336	1.02586	1.02586	0.98395	1.00725	1.00725	0.00888855	0.302201	-3.30808		0.116143	1.84702	1.84702	0.0611228	2.13465	2.13465	0.993381	1.63887	1.63887	0.705545	1.14637	1.14637	0.32806	6.19247	1.8178	1
cg21709525	DLGAP1;DLGAP1	0.0667405	0.0992014	0.414148	-2.41407	0.210613	1.20619	-1.64889	0.0584337	0.749703	-1.33357	0.285957	0.258383	3.87005	0.0021591	-1.78509

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01833890	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0668144	0.0365566	0.437789	-2.2842	0.188223	0.622486	-1.60646	0.00360426	0.261907	-3.81815	0.206907	0.636012	-1.5723	0.0663987	0.496616	-2.01363	0.449175	0.76936	-1.29978	0.65304	0.857405	-1.16631	0.439253	1.3076	1.3076	0.313232	0.701441	-1.42564	3.02672	5.54076	1.62721	1
cg11365449	ZDHHC24;ACTN3	0.0668167	0.853676	1.03448	1.03448	0.847138	1.03607	1.03607	0.813645	1.04431	1.04431	0.333268	0.832561	-1.20111	0.0322156	0.630934	-1.58495	0.0669357	0.685855	-1.45803	0.00747492	0.531355	-1.88198	0.167297	1.31034	1.31034	0.970346	1.00685	1.00685	3.02667	1.61603	0.474605	1
cg25647089	ATP11A;ATP11A	0.0668173	0.913874	1.02774	1.02774	0.615379	1.13667	1.13667	0.0657116	1.68585	1.68585	0.299443	1.31252	1.31252	0.550887	0.858474	-1.16486	0.980021	1.00635	1.00635	0.00334283	2.74534	2.74534	0.292834	1.31781	1.31781	0.0323619	1.88439	1.88439	3.02666	3.06551	0.900296	1
cg13625113	ZBTB6;ZBTB6	0.0668184	0.0741438	0.720574	-1.38778	0.213425	0.805931	-1.2408	0.0164388	1.62059	1.62059	0.119888	0.757403	-1.3203	0.126314	1.31307	1.31307	0.268422	1.20904	1.20904	0.771884	1.04903	1.04903	0.208079	0.803666	-1.2443	0.948905	1.01061	1.01061	3.02664	1.29993	0.381775	1
cg24245305	HECW1	0.0668191	0.570088	0.721277	-1.38643	0.00443603	8.68245	8.68245	0.0320947	4.17552	4.17552	0.611985	0.747371	-1.33802	0.488803	0.67011	-1.49229	0.371964	0.593442	-1.68509	0.346094	1.73734	1.73734	0.91812	1.06028	1.06028	0.554254	0.711382	-1.40571	3.02663	15.5339	4.56214	1
cg18273417	S100A4;S100A4	0.0668194	0.763576	0.925752	-1.0802	0.729188	0.914952	-1.09295	0.109142	0.639678	-1.56329	0.0580812	0.578215	-1.72946	0.0204033	0.489318	-2.04366	0.43754	1.2245	1.2245	0.029394	0.518859	-1.92731	0.121534	1.53618	1.53618	0.241844	0.731033	-1.36793	3.02662	3.13522	0.920783	1
cg26814987	FAM101A	0.0668196	0.140704	0.500874	-1.99651	0.0152772	0.272649	-3.66771	0.370002	1.49433	1.49433	0.221872	1.751	1.751	0.112427	0.470464	-2.12556	0.156061	0.515764	-1.93887	0.0542435	0.385535	-2.5938	0.053679	0.384444	-2.60116	0.849325	0.920367	-1.08652	3.02662	9.12543	2.68005	1
cg13800228	CDC42BPB	0.0668198	0.469871	0.881592	-1.13431	0.051637	1.46183	1.46183	0.941046	0.987402	-1.01276	0.692791	1.07043	1.07043	0.989748	0.9978	-1.0022	0.427676	1.14891	1.14891	0.0026137	2.04315	2.04315	0.0785192	1.3979	1.3979	0.47047	1.13411	1.13411	3.02662	1.40842	0.413639	1
cg13600480	PRKRIP1	0.0668211	0.373768	0.902407	-1.10815	0.137302	1.19722	1.19722	0.300431	1.12827	1.12827	0.651602	1.05245	1.05245	0.0144287	0.712401	-1.4037	0.0977428	0.815189	-1.22671	0.0358638	0.759872	-1.31601	0.146104	0.839045	-1.19183	0.9029	0.986367	-1.01382	3.0266	0.606382	0.17809	1
cg13047306	KRTAP1-3;KRTAP1-3	0.0668219	0.0616693	0.176611	-5.66215	0.169439	0.299465	-3.33928	0.014542	0.0837796	-11.9361	0.138705	0.269024	-3.71714	0.0390064	0.139709	-7.15771	0.690025	0.718756	-1.39129	0.00768016	0.0594816	-16.8119	0.258289	0.378452	-2.64234	0.227637	0.352303	-2.83846	3.02658	32.5272	9.55303	1
cg04781148	RXRB;SLC39A7;RXRB;SLC39A7	0.0668223	0.096459	0.811261	-1.23265	0.570123	1.06798	1.06798	0.46458	1.08905	1.08905	0.159913	0.841901	-1.18779	0.972452	0.99605	-1.00397	0.00354358	0.63572	-1.57302	0.0804853	0.800763	-1.24881	0.550079	0.933046	-1.07176	0.567669	1.06844	1.06844	3.02657	0.629601	0.184911	1
cg25650390	PDCD2L	0.0668242	0.191161	0.404568	-2.47177	0.756771	0.817542	-1.22318	0.188432	0.402006	-2.48752	?	?	?	0.00214534	0.0520812	-19.2008	0.469897	0.620187	-1.61242	0.426195	0.589613	-1.69603	0.683332	0.766413	-1.30478	0.459876	1.63073	1.63073	3.29638	19.0829	5.06543	1
cg09274587	LEPREL2	0.0668245	0.651698	1.11702	1.11702	0.0438963	0.568934	-1.75767	0.212417	1.37692	1.37692	0.262397	1.3292	1.3292	0.874295	0.962177	-1.03931	0.346764	1.26611	1.26611	0.0509477	0.581895	-1.71852	0.0170528	0.492488	-2.0305	0.486089	1.1881	1.1881	3.02653	2.84277	0.834919	1
cg13657785	ZNF876P	0.066825	0.0721417	3.31186	3.31186	0.123977	0.370114	-2.70187	0.103188	2.89658	2.89658	0.661424	1.30074	1.30074	0.0211856	5.2242	5.2242	0.192866	2.27558	2.27558	0.0176809	5.59332	5.59332	0.175434	2.3624	2.3624	0.397464	1.67689	1.67689	3.02652	17.0635	5.01156	1
cg20070536	TMEM41B;TMEM41B;TMEM41B	0.0668253	0.00574591	0.0356069	-28.0845	0.198692	0.316716	-3.1574	0.477376	1.82755	1.82755	0.935625	1.06932	1.06932	0.738949	1.32027	1.32027	?	?	?	?	?	?	?	?	?	0.555889	1.64256	1.64256	3.73641	25.8627	6.92181	1
cg21189099	B9D1	0.0668253	0.505116	0.841172	-1.18882	0.530774	1.17633	1.17633	0.40019	1.24639	1.24639	0.0393523	0.543531	-1.83982	0.0081007	0.420145	-2.38013	0.350098	0.781933	-1.27888	0.182596	1.43584	1.43584	0.0808168	0.609462	-1.64079	0.622809	0.880912	-1.13519	3.02652	3.13536	0.920855	1
cg11378484	THOC7	0.0668292	0.0578375	0.655939	-1.52453	0.654944	1.09248	1.09248	0.971252	0.992939	-1.00711	0.401541	0.844659	-1.18391	0.0319132	0.609962	-1.63945	0.27031	0.797968	-1.25318	0.0259674	0.594701	-1.68152	0.00819049	0.514151	-1.94495	0.862939	0.966596	-1.03456	3.02645	1.85313	0.544278	1
cg04562739	CDS2;PCNA	0.066832	?	?	?	0.516907	0.744971	-1.34233	0.144784	0.492633	-2.02991	0.0021381	0.130077	-7.68778	0.152516	0.500351	-1.9986	0.728837	0.855827	-1.16846	0.606433	0.792439	-1.26193	0.984961	1.00846	1.00846	0.70503	1.18548	1.18548	3.29621	9.08014	2.41038	1
cg01650818	APBA2;APBA2	0.066834	0.0249731	0.0672171	-14.8772	0.190236	0.245608	-4.07154	0.950464	1.0649	1.0649	0.567899	0.557511	-1.79369	0.0115808	0.0409704	-24.4079	0.667819	0.646007	-1.54797	0.0109993	0.0396079	-25.2475	0.316295	0.350438	-2.85357	0.0871427	0.147817	-6.76513	3.02636	49.0976	14.4207	1
cg21113923	TRIB3	0.0668347	0.415985	0.820995	-1.21803	0.875391	0.963453	-1.03793	0.737659	1.08302	1.08302	0.90048	1.03013	1.03013	0.0641634	1.63803	1.63803	0.0339027	0.555688	-1.79957	0.0465916	1.71714	1.71714	0.0615153	1.64825	1.64825	0.155964	0.697595	-1.4335	3.02635	2.69782	0.792394	1
cg04116983	DMP1;DMP1	0.066837	0.371107	1.09695	1.09695	0.390481	0.915155	-1.09271	0.887362	0.985821	-1.01438	0.104945	0.836498	-1.19546	0.0304959	1.292	1.292	0.140443	1.17326	1.17326	0.0228631	1.3157	1.3157	0.657214	1.04603	1.04603	0.142871	0.853275	-1.17195	3.02631	0.486612	0.142928	1
cg01208515	KIAA1530	0.0668371	0.230084	1.20441	1.20441	0.504969	1.10509	1.10509	0.0848137	1.32513	1.32513	0.863486	0.974901	-1.02574	0.191527	0.815269	-1.22659	0.0213764	0.664676	-1.50449	0.19043	0.814809	-1.22728	0.0992816	0.765759	-1.30589	0.0616617	0.732792	-1.36464	3.02631	1.04568	0.307138	1
cg01566593	NPC1L1;NPC1L1	0.0668405	0.858531	0.962482	-1.03898	0.524314	1.14831	1.14831	0.024312	0.56251	-1.77775	0.0484912	1.62112	1.62112	0.0480409	1.62314	1.62314	?	?	?	0.100984	1.46957	1.46957	0.524398	0.870866	-1.14828	0.817892	1.05068	1.05068	3.06659	1.9832	0.64671	1
cg22958480	LOC100130581;LOC100130581	0.0668406	0.138235	1.18355	1.18355	0.0190831	0.741156	-1.34924	0.224411	0.87394	-1.14424	0.0492991	1.26733	1.26733	0.195324	0.865357	-1.15559	0.455875	1.08349	1.08349	0.109263	0.831619	-1.20247	0.378027	0.90892	-1.10021	0.817141	1.02476	1.02476	3.02624	0.534306	0.15694	1
cg06840837	MGC14436;MGC14436	0.0668409	0.103009	1.59896	1.59896	0.359246	1.28154	1.28154	0.0271689	0.502547	-1.98986	0.759031	1.08433	1.08433	0.722432	0.910415	-1.0984	0.0484656	1.80985	1.80985	0.0194796	2.10252	2.10252	0.784412	0.93038	-1.07483	0.492482	1.20134	1.20134	3.02624	3.31892	0.974858	1
cg20099906	CACNA1A;CACNA1A	0.0668418	0.330903	1.12465	1.12465	0.505576	1.08231	1.08231	0.740304	0.9618	-1.03972	0.357456	1.11719	1.11719	0.415516	1.10236	1.10236	0.0141047	1.42583	1.42583	0.00449082	1.55827	1.55827	0.144309	1.20158	1.20158	0.0721173	1.26496	1.26496	3.02622	0.657151	0.193024	1
cg15786900	ALX4	0.0668435	0.098056	0.404934	-2.46954	0.0612713	0.349757	-2.85912	0.709273	1.20511	1.20511	0.251669	1.8159	1.8159	0.029483	0.27884	-3.58628	0.277232	0.569528	-1.75584	0.0551323	0.33851	-2.95412	0.109994	2.38177	2.38177	0.694369	1.21741	1.21741	3.02619	11.8942	3.49371	1
cg05299048	ITIH3	0.0668447	0.0266287	0.688307	-1.45284	0.20639	0.827394	-1.20861	0.0159581	0.657383	-1.52118	0.482695	0.903545	-1.10675	0.0475209	0.724523	-1.38022	0.890554	0.980617	-1.01977	0.0845997	1.31152	1.31152	0.485403	0.904129	-1.10604	0.882133	1.02132	1.02132	3.02617	0.968696	0.284539	1
cg05989746	TTC15	0.0668452	0.0992527	0.467835	-2.13751	0.753894	0.876159	-1.14134	0.0370038	0.361259	-2.76809	0.126665	0.499312	-2.00276	0.00593962	0.220382	-4.53758	0.0800068	0.441956	-2.26267	0.252217	0.604844	-1.65332	0.371205	0.679786	-1.47105	0.0236817	0.321302	-3.11233	3.02616	8.46934	2.48774	1
cg06641548	AES;AES;AES	0.0668456	0.432083	1.44884	1.44884	0.522193	0.740863	-1.34978	0.209534	1.84335	1.84335	0.0601723	0.375186	-2.66534	0.855969	0.919416	-1.08765	0.356461	1.5505	1.5505	0.00349394	0.160041	-6.24838	0.745555	0.860221	-1.16249	0.820103	0.900028	-1.11108	3.02615	10.2482	3.01027	1
cg00267286	C1QL3	0.0668459	0.343259	1.6687	1.6687	0.0214014	4.26261	4.26261	0.245185	1.89176	1.89176	0.0950886	0.382175	-2.6166	0.476177	1.4622	1.4622	0.0329585	0.270352	-3.69888	0.724258	0.830477	-1.20413	0.371734	0.61818	-1.61765	0.185192	0.478603	-2.08942	3.02615	13.182	3.87203	1
cg09520393	DRD5	0.0668461	0.666926	1.20046	1.20046	0.792813	0.894869	-1.11748	0.877421	0.936945	-1.0673	0.20541	1.75722	1.75722	0.0714805	0.427692	-2.33813	0.120775	0.491639	-2.03401	0.244532	0.598267	-1.67149	0.0357371	2.80438	2.80438	0.0279317	2.9923	2.9923	3.02614	8.53395	2.50673	1
cg14333304	ZNF467	0.0668462	0.16095	2.7473	2.7473	0.0316239	5.47803	5.47803	0.469959	1.64234	1.64234	0.143903	0.346556	-2.88554	0.0611542	4.154	4.154	0.0970407	3.41862	3.41862	0.242047	2.28512	2.28512	0.0432712	4.80222	4.80222	0.0307763	5.54106	5.54106	3.02614	21.8322	6.41291	1
cg27391921	ACCN1;ACCN1	0.0668463	0.922649	1.02256	1.02256	0.0192754	0.521915	-1.91602	0.523859	0.862096	-1.15996	0.204276	0.735106	-1.36035	0.144296	1.43372	1.43372	0.780551	1.06626	1.06626	0.0162682	1.96402	1.96402	0.233523	0.75057	-1.33232	0.648933	0.900068	-1.11103	3.02614	2.52906	0.742877	1
cg14058932	HLA-DRA	0.0668469	0.543684	1.41263	1.41263	0.0233685	0.218121	-4.58461	0.27687	0.529594	-1.88824	0.14758	0.417577	-2.39477	0.0248876	0.223024	-4.48383	0.545853	0.709247	-1.40995	0.0143525	0.183325	-5.45479	0.0407804	0.265184	-3.77097	0.582435	0.731908	-1.36629	3.02613	15.1396	4.44707	1
cg07774299	RABGGTB;SNORD45A	0.066847	0.0754293	0.609998	-1.63935	0.0175026	0.485676	-2.05898	0.7744	0.930745	-1.07441	0.643941	1.12326	1.12326	0.569325	1.15446	1.15446	0.103178	1.56077	1.56077	0.0277954	0.522336	-1.91448	0.192833	0.708792	-1.41085	0.661861	1.11617	1.11617	3.02613	2.9892	0.878043	1
cg15427040	SYCN	0.0668473	0.761132	0.804031	-1.24373	0.371284	0.518542	-1.92849	0.0689844	0.233219	-4.28781	0.288674	2.19891	2.19891	0.344392	0.49821	-2.00718	0.301932	0.4653	-2.14915	0.00295869	0.0540087	-18.5155	0.067612	0.23114	-4.32639	0.753452	0.798191	-1.25283	3.02612	24.5274	7.20466	1
cg11841546	MEGF11	0.0668486	0.583274	0.927512	-1.07815	0.0176192	1.48023	1.48023	0.0392558	1.38261	1.38261	0.21446	1.19423	1.19423	0.153466	0.812544	-1.2307	0.0511243	1.35214	1.35214	0.222524	1.19018	1.19018	0.154023	1.23031	1.23031	0.61381	0.933222	-1.07156	3.0261	0.884087	0.259692	1
cg11090641	MAP3K12	0.0668488	0.699352	0.93452	-1.07007	0.0628498	0.694027	-1.44087	0.550881	0.900048	-1.11105	0.498442	0.886984	-1.12742	0.064851	1.43597	1.43597	0.893069	0.976803	-1.02375	0.0111414	1.74239	1.74239	0.387566	0.856799	-1.16713	0.141253	0.758739	-1.31798	3.02609	1.45957	0.428735	1
cg24185130	AP3D1;AP3D1	0.0668501	0.499174	0.874971	-1.14289	0.0192795	0.576317	-1.73516	0.0365517	0.623098	-1.60488	0.74404	1.06587	1.06587	0.825605	0.957945	-1.0439	0.272273	1.24918	1.24918	0.0335407	1.62169	1.62169	0.375136	1.1939	1.1939	0.640047	1.09603	1.09603	3.02607	1.81671	0.533646	1
cg11410912	SNX17;EIF2B4;EIF2B4;EIF2B4	0.0668501	0.340648	0.92654	-1.07928	0.282391	1.09067	1.09067	0.0954976	1.15292	1.15292	0.247904	0.910412	-1.0984	0.162956	0.890729	-1.12268	0.327499	0.924469	-1.0817	0.0326822	0.823496	-1.21433	0.0136522	0.788973	-1.26747	0.32097	0.923419	-1.08293	3.02607	0.28933	0.0849888	1
cg15585332	PCDH9;PCDH9	0.0668513	0.0370853	0.673616	-1.48453	0.480638	0.889574	-1.12413	0.0169474	0.621671	-1.60857	0.854671	1.03038	1.03038	0.383851	1.1569	1.1569	0.899137	0.979515	-1.02091	0.0456825	1.45347	1.45347	0.0970928	0.742889	-1.3461	0.678764	0.934285	-1.07034	3.02605	1.27673	0.375033	1
cg26458142	CDH12	0.0668513	0.295601	0.704564	-1.41932	0.696578	0.881156	-1.13487	0.0582566	0.50109	-1.99565	0.415981	1.30789	1.30789	0.0156423	0.384129	-2.60329	0.682063	1.14223	1.14223	0.532904	1.2262	1.2262	0.444178	1.28641	1.28641	0.0142119	0.376595	-2.65537	3.02605	4.99578	1.46749	1
cg10864855	NDUFA4L2	0.0668529	0.985798	1.00258	1.00258	0.00589167	1.68394	1.68394	0.00952445	1.60797	1.60797	0.426634	0.889231	-1.12457	0.753431	1.04663	1.04663	0.949696	0.990916	-1.00917	0.165256	1.23871	1.23871	0.903287	1.01774	1.01774	0.593399	1.08106	1.08106	3.02602	1.0025	0.294484	1
cg25894123	HERC2P2	0.0668536	0.0190942	0.438786	-2.27901	0.0389852	0.499612	-2.00155	0.0387302	0.499021	-2.00392	0.194315	0.671167	-1.48994	0.226442	0.691556	-1.44601	0.0927648	0.584427	-1.71108	0.278295	0.720816	-1.38732	0.0277545	0.469811	-2.12851	0.0198128	0.441774	-2.2636	3.02601	4.04137	1.18715	1
cg15379412	NR2F2;NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.0668546	0.754206	1.12853	1.12853	0.949074	0.975709	-1.0249	0.0168068	0.325218	-3.07486	0.131176	0.533962	-1.87279	?	?	?	0.895885	1.0517	1.0517	0.408337	1.38484	1.38484	0.901509	1.04882	1.04882	0.00857117	0.275003	-3.63633	3.06633	6.3981	2.08657	1
cg09688601	LEPREL1;LEPREL1;LEPREL1	0.0668556	0.119602	0.733202	-1.36388	0.995788	1.00097	1.00097	0.047326	0.659035	-1.51737	0.154927	0.755994	-1.32276	0.0355216	0.637792	-1.56791	0.148852	0.752393	-1.32909	0.60623	0.908876	-1.10026	0.0619271	1.4715	1.4715	0.185879	1.294	1.294	3.02597	1.61825	0.475365	1
cg04349855	RASA3	0.0668561	0.0534985	0.44929	-2.22573	0.0480868	0.438566	-2.28016	0.437097	1.33537	1.33537	0.803432	0.91303	-1.09525	0.00676152	0.277815	-3.59951	0.163271	0.58108	-1.72093	0.111955	0.531813	-1.88036	0.0735263	0.48292	-2.07074	0.853077	0.934602	-1.06997	3.02596	6.37863	1.87375	1
cg04723137	C6orf27	0.0668583	0.68051	0.836658	-1.19523	0.771659	0.882199	-1.13353	0.0548633	0.391458	-2.55455	0.777557	1.12975	1.12975	0.00478197	0.199265	-5.01845	0.455109	0.720586	-1.38776	0.017204	0.286414	-3.49145	0.809676	1.10952	1.10952	0.223262	0.576264	-1.73531	3.02592	8.89116	2.61185	1
cg06730756	DENND3	0.0668593	0.5466	1.11075	1.11075	0.035688	1.52328	1.52328	0.045225	1.48516	1.48516	0.17387	1.28284	1.28284	0.969247	0.993385	-1.00666	0.171264	0.778187	-1.28504	0.033812	1.53212	1.53212	0.179137	0.782165	-1.2785	0.414101	0.866117	-1.15458	3.0259	1.42046	0.417275	1
cg21166347	VPS52;RPS18	0.0668596	0.390155	0.793971	-1.25949	0.52301	1.18483	1.18483	0.252313	0.731033	-1.36793	0.494854	1.19914	1.19914	0.0976488	0.621173	-1.60986	0.060133	1.74291	1.74291	0.00975648	0.424736	-2.35441	0.107654	0.631286	-1.58407	0.51507	0.841185	-1.1888	3.0259	3.28966	0.966371	1
cg24077317	UBA3;UBA3	0.0668612	0.024839	0.488192	-2.04837	0.904954	1.03259	1.03259	0.0838521	1.67127	1.67127	0.316507	1.3205	1.3205	0.27252	0.735938	-1.35881	0.958873	0.986251	-1.01394	0.0133704	0.439305	-2.27632	0.272521	0.735939	-1.35881	0.288166	0.74376	-1.34452	3.02587	3.45393	1.01464	1
cg24563967	EVPL	0.0668635	0.194936	0.387491	-2.5807	0.0434434	0.200699	-4.98258	0.0671357	0.241973	-4.13269	0.0831881	0.265441	-3.76732	0.00882332	0.0996915	-10.0309	0.0381966	0.1899	-5.26592	0.0490703	0.211474	-4.7287	0.0679034	0.243161	-4.1125	0.17376	0.367605	-2.72031	3.02583	22.9165	6.73211	1
cg00176876	HLTF;HLTF	0.066867	0.10486	1.22475	1.22475	0.0891757	1.23914	1.23914	0.0870777	0.805632	-1.24126	0.0502525	1.29086	1.29086	0.598138	0.940971	-1.06273	0.0478702	1.29532	1.29532	0.533391	1.07483	1.07483	0.360323	0.898008	-1.11358	0.180774	0.849968	-1.17651	3.02577	0.627058	0.184213	1
cg18729357	ZNF702P	0.0668678	0.0402175	10.6243	10.6243	0.0265127	13.7652	13.7652	0.0426785	10.2406	10.2406	0.612719	1.66349	1.66349	0.753283	0.730252	-1.36939	0.785786	1.31207	1.31207	0.156702	4.52794	4.52794	0.0155705	19.2485	19.2485	0.0440898	10.0363	10.0363	3.02575	47.6333	13.9934	1
cg16205375	TAPBP;TAPBP;TAPBP	0.066868	0.0220424	0.232439	-4.30221	0.914529	0.94455	-1.05871	0.195304	0.482961	-2.07056	0.313778	0.574889	-1.73946	0.00904822	0.171549	-5.82923	0.0615645	0.326624	-3.06163	0.0310124	0.260422	-3.83992	0.788748	1.15338	1.15338	0.171825	0.461678	-2.16601	3.02575	13.5304	3.97488	1
cg14699126	DPF2	0.0668695	0.292177	0.806943	-1.23925	0.236811	0.784059	-1.27541	0.440632	0.856976	-1.16689	0.0234551	0.587846	-1.70113	0.144198	0.734984	-1.36057	0.457817	0.862094	-1.15997	0.00300079	0.449879	-2.22282	0.616182	0.905566	-1.10428	0.482027	1.15056	1.15056	3.02572	1.846	0.542314	1
cg07703017	UPP1;UPP1	0.066872	0.110995	0.804357	-1.24323	0.957264	0.993303	-1.00674	0.927648	1.01145	1.01145	0.924784	0.98823	-1.01191	0.398343	1.11452	1.11452	0.656873	0.945482	-1.05766	0.00298784	0.600087	-1.66642	0.43787	0.90554	-1.10431	0.113746	1.24081	1.24081	3.02568	0.753386	0.221331	1
cg17100751	GALNT2	0.0668731	0.171656	0.735037	-1.36048	0.0077261	0.473975	-2.10982	0.204864	0.753825	-1.32657	0.389506	0.830736	-1.20375	0.00548445	0.449363	-2.22537	0.0925314	0.674567	-1.48243	0.27675	0.787853	-1.26927	0.253382	0.777566	-1.28607	0.113542	0.693833	-1.44127	3.25612	2.21595	0.529317	1
cg18850728	MRO;MRO;MRO;MRO	0.0668737	0.295415	0.660891	-1.51311	0.0851037	0.483514	-2.06819	0.451749	1.33996	1.33996	0.755269	1.12676	1.12676	0.338293	0.686075	-1.45757	0.900564	0.953406	-1.04887	0.00294115	0.21037	-4.75353	0.0518262	0.429717	-2.32711	0.794511	0.905171	-1.10476	3.02564	6.98172	2.05112	1
cg00180806	GRK1	0.0668743	0.965086	1.01495	1.01495	0.0355541	2.29166	2.29166	0.0948344	1.86294	1.86294	0.465305	1.28638	1.28638	0.265247	0.674704	-1.48213	0.0306201	0.422811	-2.36512	0.045579	0.459802	-2.17485	0.803677	1.08808	1.08808	0.913603	1.03747	1.03747	3.02564	5.50392	1.61697	1
cg01728866	WDR65;WDR65;EBNA1BP2;EBNA1BP2;WDR65;WDR65;WDR65;WDR65;WDR65	0.0668755	0.624505	1.13804	1.13804	0.702038	0.904156	-1.106	0.224105	1.39759	1.39759	0.00667972	0.397588	-2.51517	0.0716816	0.590299	-1.69406	0.867515	1.04473	1.04473	0.679312	0.896765	-1.11512	0.255951	0.732838	-1.36456	0.0821795	1.65656	1.65656	3.02561	3.29219	0.967205	1
cg23919916	HPS6	0.0668762	0.534688	0.883579	-1.13176	0.872258	1.03218	1.03218	0.523983	1.13556	1.13556	0.00963386	0.524666	-1.90597	0.644685	0.912642	-1.09572	0.61294	1.10564	1.10564	0.00943987	0.523292	-1.91098	0.473306	0.866256	-1.15439	0.240012	1.27402	1.27402	3.0256	1.85687	0.545529	1
cg11154552	SRI;SRI	0.0668763	0.254117	1.37583	1.37583	0.733474	0.912496	-1.0959	0.563275	0.85508	-1.16948	0.314736	1.32119	1.32119	0.00169591	0.300774	-3.32475	0.515547	0.838076	-1.19321	0.96897	1.01048	1.01048	0.55944	0.853734	-1.17133	0.755485	1.0873	1.0873	3.0256	3.43973	1.01056	1
cg25764166	MAEA;MAEA	0.0668763	0.426322	1.32478	1.32478	0.00784164	0.306847	-3.25895	0.214823	0.636282	-1.57163	0.223806	1.5566	1.5566	0.0529292	0.466903	-2.14177	0.937206	0.973087	-1.02766	0.857757	0.939772	-1.06409	0.137554	1.73971	1.73971	0.313412	0.696973	-1.43478	3.0256	5.74468	1.68773	1
cg26891867	PRDM16;PRDM16	0.0668766	0.285709	1.35213	1.35213	0.123023	0.634697	-1.57555	0.0045731	0.357966	-2.79356	0.197308	0.690165	-1.44893	0.798747	0.932845	-1.07199	0.982302	0.993983	-1.00605	0.0956199	1.64555	1.64555	0.63715	1.138	1.138	0.677113	0.892313	-1.12068	3.02559	3.54741	1.04219	1
cg14614416	TNFRSF9	0.0668769	0.0620611	1.45506	1.45506	0.131438	0.747723	-1.33739	0.713395	0.936262	-1.06808	0.0113667	0.567955	-1.7607	0.27225	0.815449	-1.22632	0.123737	0.74258	-1.34666	0.161598	1.30585	1.30585	0.623759	1.09228	1.09228	0.578745	0.904723	-1.10531	3.02559	1.52723	0.448686	1
cg25287591	COL11A2;COL11A2;COL11A2	0.0668776	0.848363	1.03602	1.03602	0.0571404	1.48857	1.48857	0.17935	0.768248	-1.30166	0.0171116	0.584381	-1.71121	0.0943969	0.711861	-1.40477	0.149355	0.75143	-1.3308	0.347783	1.19565	1.19565	0.867899	1.03125	1.03125	0.104415	0.720284	-1.38834	3.02558	1.63727	0.481015	1
cg06350879	ST8SIA5	0.0668789	0.846469	0.931495	-1.07354	0.0294434	2.55693	2.55693	0.027544	2.59625	2.59625	0.909003	0.959007	-1.04274	0.12619	0.545687	-1.83255	0.231317	0.631521	-1.58348	0.174051	1.69788	1.69788	0.72058	0.876793	-1.14052	0.104108	0.521789	-1.91648	3.02555	6.42173	1.88667	1
cg22386073	UNC5D	0.0668792	0.0199173	0.364982	-2.73986	0.71907	0.87848	-1.13833	0.02512	0.384618	-2.59998	0.870745	1.06015	1.06015	0.0106837	0.316303	-3.16152	0.655402	1.17482	1.17482	0.794796	0.910746	-1.098	0.829785	1.08028	1.08028	0.108072	0.533192	-1.8755	3.02555	6.16502	1.81125	1
cg11306587	NDRG4;NDRG4;NDRG4	0.0668795	0.0537416	0.547674	-1.8259	0.101048	1.63826	1.63826	0.080864	1.70254	1.70254	0.303914	1.34003	1.34003	0.375047	1.28437	1.28437	0.0722293	0.576077	-1.73588	0.178548	1.48125	1.48125	0.0749817	1.72478	1.72478	0.265674	1.37554	1.37554	3.02554	3.62084	1.06379	1
cg18545076	TNFRSF10C	0.0668796	0.930705	0.978754	-1.02171	0.9402	1.0187	1.0187	0.810202	1.06121	1.06121	0.0998214	0.640632	-1.56096	0.48549	1.19125	1.19125	0.392969	1.24119	1.24119	0.00311798	2.71335	2.71335	0.18196	1.4188	1.4188	0.300071	0.767086	-1.30363	3.02554	2.92136	0.858282	1
cg10533739	RAP2B	0.0668804	0.154598	0.878793	-1.13793	0.926131	0.992167	-1.00789	0.00245431	1.42949	1.42949	0.413125	1.07353	1.07353	0.296588	1.09612	1.09612	0.428018	0.933681	-1.07103	0.37854	0.926246	-1.07963	0.689041	1.0347	1.0347	0.988874	0.998818	-1.00118	3.02552	0.344593	0.10124	1
cg15217784	FAM83B	0.0668809	0.595785	1.29984	1.29984	0.155848	2.10381	2.10381	0.551624	1.34315	1.34315	0.100524	0.414274	-2.41386	?	?	?	0.0277069	0.279494	-3.57789	0.58321	0.762286	-1.31184	0.0304409	3.47632	3.47632	0.312212	1.66875	1.66875	3.06584	10.3558	3.37779	1
cg24673955	KIF26B	0.0668845	0.503431	0.831194	-1.20309	0.664263	1.12627	1.12627	0.599549	0.865662	-1.15519	0.552889	0.849196	-1.17758	0.125256	0.636468	-1.57117	0.527306	1.19053	1.19053	0.0407524	1.9025	1.9025	0.00506846	0.364609	-2.74267	0.616794	0.871644	-1.14726	3.02545	3.55264	1.04378	1
cg06823805	DENND5B	0.0668846	0.649576	1.09992	1.09992	0.265554	1.27324	1.27324	0.0150867	1.8623	1.8623	0.23384	1.29676	1.29676	0.144629	1.38573	1.38573	0.358609	1.21719	1.21719	0.0191601	0.554239	-1.80428	0.449416	0.851733	-1.17408	0.74567	0.934483	-1.07011	3.02545	2.07717	0.61028	1
cg02132593	ZBTB20;ZBTB20	0.0668858	0.25083	1.3733	1.3733	0.540385	0.84886	-1.17805	0.892702	1.03632	1.03632	0.0629141	0.575134	-1.73873	0.184801	0.689467	-1.4504	0.884884	1.03904	1.03904	0.013868	0.447614	-2.23407	0.769685	1.08071	1.08071	0.0131709	0.443708	-2.25373	3.02543	3.34901	0.983958	1
cg03811828	SPSB4	0.0668863	0.0774685	0.705034	-1.41837	0.161204	0.766073	-1.30536	0.207644	1.26696	1.26696	0.396748	0.856809	-1.16712	0.0196336	0.605301	-1.65207	0.392179	0.855462	-1.16896	0.264376	1.23019	1.23019	0.0201942	0.607222	-1.64684	0.225323	0.797098	-1.25455	3.02542	1.51962	0.446474	1
cg00324592	FNTA;FNTA;FNTA	0.0668867	0.0546255	0.289979	-3.44852	0.00208024	0.0853727	-11.7133	0.153639	0.420015	-2.38086	0.883684	0.920234	-1.08668	0.37793	0.598275	-1.67147	0.402007	0.614445	-1.62749	0.114986	0.377871	-2.6464	0.874331	1.09404	1.09404	0.981934	0.987225	-1.01294	3.02541	15.4497	4.53924	1
cg07518851	KNDC1	0.0668894	0.636647	0.84953	-1.17712	0.606416	0.836861	-1.19494	0.0231645	0.394414	-2.5354	0.36102	1.3796	1.3796	0.239509	1.52517	1.52517	0.697158	0.874571	-1.14342	0.00911643	0.321333	-3.11203	0.340507	1.40022	1.40022	0.287874	1.45958	1.45958	3.02536	5.62732	1.65337	1
cg24795748	COL6A1	0.0668924	0.194417	1.37306	1.37306	0.0196105	1.9179	1.9179	0.309167	0.784218	-1.27516	0.759418	0.931517	-1.07352	0.0268837	0.545855	-1.83199	0.168677	1.40316	1.40316	0.153641	1.42307	1.42307	0.264808	1.30788	1.30788	0.696313	0.913395	-1.09482	3.02531	2.55563	0.75089	1
cg26877596	NUAK1	0.0668926	0.314328	0.64773	-1.54385	0.890939	0.94435	-1.05893	0.377024	1.45985	1.45985	0.87616	1.06725	1.06725	0.106535	0.479253	-2.08658	0.437975	0.718782	-1.39124	0.0120009	0.270398	-3.69826	0.00690413	0.232373	-4.30343	0.929937	1.03738	1.03738	3.02531	8.34614	2.45225	1
cg02989768	RGL2;RGL2	0.0668931	0.350261	1.41113	1.41113	0.0563556	0.455773	-2.19407	0.00900751	3.42487	3.42487	0.240963	0.643484	-1.55404	0.448812	0.758772	-1.31792	?	?	?	0.334279	1.42877	1.42877	0.980569	1.00872	1.00872	0.337343	0.701597	-1.42532	3.29491	5.77507	1.53363	1
cg05590156	TRIO	0.0668937	0.161986	0.516975	-1.93433	0.193184	1.83753	1.83753	0.213307	1.78437	1.78437	0.173373	1.89662	1.89662	0.0318125	0.328976	-3.03973	0.0513644	2.66491	2.66491	0.347954	0.652479	-1.53262	0.429447	1.42816	1.42816	0.158883	0.514099	-1.94515	3.02528	9.35414	2.74843	1
cg01300495	LHFP	0.0668952	0.172417	0.615055	-1.62587	0.0927219	1.85732	1.85732	0.0721802	1.95739	1.95739	0.244144	0.665105	-1.50352	0.0191878	0.387386	-2.5814	0.148805	0.595577	-1.67904	0.238274	1.51196	1.51196	0.705043	0.880494	-1.13573	0.552932	0.817998	-1.2225	3.02526	5.36672	1.57686	1
cg22364384	WDR45	0.0668954	0.608367	0.827005	-1.20918	0.289869	1.49741	1.49741	0.257673	0.647833	-1.54361	0.0359936	0.407999	-2.45099	0.00627311	0.270159	-3.70153	0.687153	1.16043	1.16043	0.241001	1.57005	1.57005	0.359114	0.707123	-1.41418	0.190983	0.601166	-1.66343	3.02525	6.47181	1.90157	1
cg00410534	ELMO3;E2F4	0.0668959	0.166718	1.53455	1.53455	0.0193846	2.27313	2.27313	0.00283493	3.29973	3.29973	0.669755	1.13271	1.13271	0.648902	1.14241	1.14241	0.941383	0.978866	-1.02159	0.452623	1.24887	1.24887	0.882783	1.04378	1.04378	0.667452	0.882015	-1.13377	3.02524	4.04222	1.1877	1
cg08065092	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0668977	0.0743357	0.634383	-1.57633	0.0646488	1.60804	1.60804	0.862671	0.961148	-1.04042	0.421706	1.20666	1.20666	0.00774766	0.45713	-2.18756	0.433432	0.832806	-1.20076	0.666176	0.905435	-1.10444	0.969432	1.00881	1.00881	0.0960956	0.658185	-1.51933	3.02521	2.50997	0.737496	1
cg10342963	IGF1R	0.0668986	0.791511	0.875068	-1.14277	0.0736614	2.73041	2.73041	0.190008	2.0121	2.0121	0.76666	0.860794	-1.16172	0.00919133	0.189005	-5.29087	0.0983642	0.401272	-2.49208	0.310955	1.69564	1.69564	0.565532	1.33992	1.33992	0.24249	0.540021	-1.85178	3.0252	12.157	3.57206	1
cg03048947	LBR;LBR	0.0669003	0.0311014	0.166	-6.0241	0.0195986	0.135132	-7.40016	0.0658027	0.231052	-4.32802	0.397914	0.541027	-1.84834	0.0431872	0.191897	-5.21112	0.0555608	0.214431	-4.6635	0.0163642	0.124587	-8.02649	0.186652	0.370278	-2.70067	0.173151	0.357468	-2.79746	3.02517	24.1326	7.09091	1
cg27300045	ZC3H4	0.0669023	0.0432795	0.501568	-1.99375	0.0959619	0.581185	-1.72062	0.00709846	0.356146	-2.80784	0.640527	0.869712	-1.14981	0.115298	0.601574	-1.66231	0.26491	0.708305	-1.41182	0.0139953	0.406269	-2.46142	0.120661	0.606767	-1.64808	0.225045	0.685075	-1.45969	3.02513	4.22111	1.24031	1
cg07875759	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.0669029	0.0245819	0.704628	-1.41919	0.327968	0.876318	-1.14114	0.203683	1.19175	1.19175	0.662141	0.944131	-1.05917	0.417571	0.897343	-1.1144	0.0055391	0.620897	-1.61057	0.377419	1.12572	1.12572	0.962541	0.993878	-1.00616	0.753154	1.04211	1.04211	3.02512	0.8191	0.240681	1
cg19257562	PRKCZ;PRKCZ;PRKCZ	0.0669043	0.323165	0.843975	-1.18487	0.157231	0.777677	-1.28588	0.130527	0.762279	-1.31186	0.317195	1.18753	1.18753	0.0424363	0.678096	-1.47472	0.0761788	1.38817	1.38817	0.15489	1.28797	1.28797	0.194014	1.25662	1.25662	0.130254	0.762109	-1.31215	3.02509	1.3239	0.389011	1
cg10959664	FARP1	0.0669043	0.0458066	0.473391	-2.11242	0.0853295	0.537239	-1.86137	0.152441	0.606127	-1.64982	0.164251	0.615837	-1.62381	0.0104171	0.348684	-2.86793	0.509091	1.24456	1.24456	0.0214198	0.405407	-2.46666	0.924574	0.969542	-1.03141	0.171868	0.621847	-1.60811	3.02509	5.11187	1.50206	1
cg07083023	NRXN1;NRXN1	0.0669072	0.159682	0.766781	-1.30415	0.18256	1.28403	1.28403	0.391632	1.1678	1.1678	0.818871	1.04137	1.04137	0.973429	0.994131	-1.0059	0.215733	1.25894	1.25894	0.00253105	2.09754	2.09754	0.614771	0.914218	-1.09383	0.294484	1.21187	1.21187	3.02504	1.4965	0.439736	1
cg20979703	PYGB	0.0669088	0.00356199	0.569341	-1.75642	0.25681	0.844663	-1.1839	0.585074	0.92437	-1.08182	0.853911	1.02664	1.02664	0.0702266	1.33466	1.33466	0.998689	1.00023	1.00023	0.386339	1.13504	1.13504	0.39974	1.13084	1.13084	0.694775	1.05786	1.05786	3.02501	0.974747	0.286426	1
cg10278552	LOC283867	0.0669092	0.844648	1.06225	1.06225	0.0340153	0.466877	-2.14189	0.00590536	0.329999	-3.03031	0.226785	0.676631	-1.47791	0.102831	0.577314	-1.73216	0.778837	1.09053	1.09053	0.378337	1.32079	1.32079	0.314996	0.726274	-1.37689	0.0940737	0.567425	-1.76235	3.025	4.53955	1.33393	1
cg22570122	CBLN1	0.0669097	0.190892	1.3059	1.3059	0.158083	1.33752	1.33752	0.558224	1.12087	1.12087	0.452188	1.15905	1.15905	0.690062	0.925663	-1.08031	0.93147	0.983562	-1.01671	0.00807912	0.520099	-1.92271	0.0625729	1.4976	1.4976	0.124519	1.37781	1.37781	3.025	1.77922	0.522819	1
cg16396414	C11orf58;C11orf58	0.0669099	0.144664	0.447371	-2.23528	0.0189826	0.232632	-4.29863	0.0130132	0.205556	-4.86486	0.869064	1.0884	1.0884	0.0505771	0.318587	-3.13886	0.148839	0.451621	-2.21424	0.126785	0.428296	-2.33484	0.354697	1.63042	1.63042	0.282965	0.563962	-1.77317	3.02499	12.6286	3.7109	1
cg24878854	FKBP9	0.0669101	0.92032	1.01506	1.01506	0.357261	1.15193	1.15193	0.219651	1.21267	1.21267	0.165019	0.80151	-1.24764	0.0332938	1.45014	1.45014	0.840034	1.03065	1.03065	0.0153858	0.64128	-1.55938	0.19356	0.814225	-1.22816	0.239836	0.832048	-1.20185	3.02499	1.06923	0.314192	1
cg13277385	DECR1	0.0669106	0.605067	1.07741	1.07741	0.485239	1.10668	1.10668	0.943597	1.01016	1.01016	0.00191078	0.533493	-1.87444	0.748786	0.955115	-1.04699	0.993956	1.00108	1.00108	0.221848	0.832333	-1.20144	0.304503	1.16415	1.16415	0.274375	0.849965	-1.17652	3.02498	0.978761	0.287608	1
cg09913813	KIRREL3;KIRREL3	0.0669115	0.0168926	0.14342	-6.97255	0.0143861	0.133947	-7.46566	0.0642753	0.250246	-3.99607	0.237822	0.438693	-2.2795	0.0554955	0.235475	-4.24674	0.314146	0.499759	-2.00096	0.0231372	0.163746	-6.10704	0.113262	0.317136	-3.15323	0.164109	0.371841	-2.68932	3.02496	21.2716	6.25069	1
cg15467112	MLH3;MLH3	0.0669118	0.322468	0.615932	-1.62356	0.655557	1.23724	1.23724	0.620353	1.26715	1.26715	0.687449	1.2114	1.2114	0.766216	0.868156	-1.15187	0.00507882	0.172682	-5.79099	0.592273	0.773883	-1.29219	0.0273411	3.44858	3.44858	0.491817	1.39245	1.39245	3.02496	10.7717	3.16527	1
cg13775991	SNORD18C;RPL4;SNORD18B	0.0669139	0.00748208	0.142536	-7.01577	0.579072	0.728294	-1.37307	0.866309	1.10003	1.10003	0.861757	1.10364	1.10364	0.0371088	0.254261	-3.93296	0.0249741	0.221069	-4.52347	0.461897	0.65458	-1.5277	0.950342	0.965375	-1.03587	0.0504083	0.283162	-3.53154	3.02492	15.3366	4.50674	1
cg00835400	YLPM1	0.0669167	0.938307	1.02448	1.02448	0.0988534	0.568168	-1.76004	0.00924235	0.356254	-2.80698	0.39606	0.762221	-1.31195	0.0303615	0.451503	-2.21483	0.198558	0.654121	-1.52877	0.948529	1.02037	1.02037	0.27308	0.700229	-1.4281	0.0140338	0.387713	-2.57923	3.02487	4.67566	1.37399	1
cg10228500	EPHA1	0.0669169	0.735611	1.24569	1.24569	0.0202316	6.14136	6.14136	0.061266	3.92344	3.92344	0.0877735	3.39225	3.39225	0.14858	0.366285	-2.73012	0.261362	2.1367	2.1367	0.313667	1.96497	1.96497	0.0212131	6.02348	6.02348	0.11749	3.01042	3.01042	3.02487	20.1296	5.91529	1
cg07602195	OR4C3	0.066917	0.0275331	0.398984	-2.50636	0.224154	0.637524	-1.56857	0.096836	0.525964	-1.90127	0.386147	0.731113	-1.36778	0.0205034	0.373763	-2.67549	0.0403857	0.434017	-2.30406	0.0301242	0.406969	-2.45719	0.0317859	0.411804	-2.42834	0.0778733	0.501214	-1.99515	3.02487	5.95367	1.74955	1
cg24679395	CHST1	0.0669173	0.946051	1.0116	1.0116	0.255188	0.81675	-1.22436	0.134409	0.759541	-1.31658	0.0670383	0.704834	-1.41877	0.137053	1.31378	1.31378	0.655908	0.92643	-1.07941	0.00473937	0.527714	-1.89497	0.165771	0.777353	-1.28642	0.267135	0.821197	-1.21773	3.02486	1.391	0.408761	1
cg26738437	CCL16;CCL16	0.066918	0.0645012	0.369869	-2.70366	0.0238141	0.274775	-3.63934	0.0229034	0.271568	-3.68231	0.254128	0.565358	-1.76879	0.0238061	0.274747	-3.63971	0.0538779	0.350576	-2.85245	0.0803132	0.394905	-2.53225	0.04117	0.323621	-3.09003	0.334386	0.620769	-1.6109	3.02485	10.9876	3.22885	1
cg02033258	PDLIM4;PDLIM4	0.0669186	0.0597176	57.1957	57.1957	0.066589	50.2716	50.2716	0.134363	21.6373	21.6373	0.148688	19.1038	19.1038	0.439839	4.48328	4.48328	0.121844	24.3792	24.3792	0.00518686	1126.3	1126.3	0.0206356	202.118	202.118	0.478142	3.94866	3.94866	3.02484	173.755	51.0603	1
cg26709950	RRAD;RRAD	0.0669193	0.0608532	5.97246	5.97246	0.976268	1.02548	1.02548	0.146527	0.267648	-3.73625	0.142489	3.79379	3.79379	?	?	?	0.0476138	0.147187	-6.79408	0.054926	6.30297	6.30297	0.376391	0.464053	-2.15493	0.350429	2.2544	2.2544	3.06513	30.8678	10.0706	1
cg09581756	NPPA	0.0669198	0.685783	1.13032	1.13032	0.192601	0.660121	-1.51487	0.299713	0.723474	-1.38222	0.0626492	0.532083	-1.8794	0.0125577	0.392597	-2.54714	0.534874	0.82755	-1.20839	0.00696514	0.349452	-2.86162	0.123938	0.605443	-1.65168	0.181486	0.652324	-1.53298	3.02482	4.34556	1.27701	1
cg17297254	HIPK3;HIPK3	0.0669206	0.0404676	0.44334	-2.25561	0.257533	0.66621	-1.50103	0.145131	0.584025	-1.71226	0.162167	0.598693	-1.67031	0.0289885	0.412779	-2.4226	0.011387	0.336612	-2.97078	0.111999	0.551635	-1.81279	0.292383	1.45571	1.45571	0.179311	0.612435	-1.63283	3.0248	5.66022	1.66335	1
cg22017387	VPS33B	0.0669209	0.599056	1.08408	1.08408	0.257494	1.197	1.197	0.102058	1.31299	1.31299	0.94404	0.989375	-1.01074	0.0209886	1.52586	1.52586	0.0552981	0.718497	-1.39179	0.328938	0.857851	-1.1657	0.724005	1.05543	1.05543	0.0299975	1.47472	1.47472	3.02479	1.1093	0.325988	1
cg19022780	POMT1;POMT1;POMT1;POMT1;POMT1	0.0669224	0.214642	1.2781	1.2781	0.29843	1.22439	1.22439	0.843492	0.963553	-1.03783	0.183539	0.767181	-1.30347	0.0262089	1.64109	1.64109	0.0969857	1.40799	1.40799	0.0200221	0.59027	-1.69414	0.680658	1.08083	1.08083	0.713766	0.933142	-1.07165	3.02477	1.69012	0.496676	1
cg10331082	ALOX12P2	0.0669238	0.751369	1.08592	1.08592	0.522075	1.18323	1.18323	0.00634354	2.51295	2.51295	0.494094	1.1973	1.1973	0.266868	0.740845	-1.34981	0.163288	0.679877	-1.47085	0.642865	0.885956	-1.12872	0.0463971	0.553431	-1.80691	0.521762	1.18338	1.18338	3.02474	3.22125	0.946638	1
cg06346099	SOD2;SOD2;SOD2	0.0669243	0.216965	1.80575	1.80575	0.399689	0.675562	-1.48025	0.17372	0.517667	-1.93175	0.211894	1.81893	1.81893	0.0607876	0.382289	-2.61582	0.688552	1.20117	1.20117	0.0736749	2.47713	2.47713	0.0224059	3.47136	3.47136	0.192861	1.87187	1.87187	3.02473	9.91431	2.91355	1
cg07537853	PFKP	0.0669308	0.1748	0.762968	-1.31067	0.0305205	1.61045	1.61045	0.998675	0.999689	-1.00031	0.6083	1.10175	1.10175	0.853586	0.965963	-1.03524	0.135166	1.35242	1.35242	0.478841	1.14449	1.14449	0.154821	0.75169	-1.33034	0.0157023	0.574048	-1.74202	3.02462	1.68324	0.494679	1
cg04831490	PTGES	0.0669321	0.174726	0.69503	-1.43879	0.00491763	0.391007	-2.5575	0.00845959	0.428576	-2.33331	0.230176	0.728132	-1.37338	0.255297	0.741327	-1.34893	0.433723	0.817649	-1.22302	0.465018	0.829115	-1.2061	0.156556	0.682547	-1.4651	0.104405	0.639308	-1.56419	3.02459	3.04258	0.894176	1
cg11736544	HDAC5;HDAC5	0.0669322	0.629957	1.23463	1.23463	0.0225562	3.27388	3.27388	0.035271	2.8996	2.8996	0.0102406	4.07674	4.07674	0.762797	1.14045	1.14045	0.606183	1.25331	1.25331	0.434102	0.707132	-1.41416	0.0531527	2.59592	2.59592	0.91811	1.04566	1.04566	3.02459	9.0304	2.65392	1
cg12995777	BAT5	0.0669326	0.0171115	1.66328	1.66328	0.559085	0.901742	-1.10896	0.291101	0.825479	-1.21142	0.859122	0.969375	-1.03159	0.442133	1.14706	1.14706	0.507374	0.88892	-1.12496	0.00618327	1.86847	1.86847	0.637512	0.920269	-1.08664	0.730286	1.06246	1.06246	3.02458	1.46818	0.431481	1
cg10119082	ARPC1B	0.0669331	0.196225	0.685084	-1.45967	0.863634	1.04873	1.04873	0.0196918	2.18077	2.18077	0.317263	0.751172	-1.33125	0.0813777	0.585876	-1.70685	0.170448	0.667631	-1.49783	0.100477	0.607755	-1.6454	0.0686252	0.568873	-1.75786	0.131058	0.636859	-1.57021	3.02458	3.66912	1.07831	1
cg20322433	PHC2;PHC2	0.0669396	0.845142	0.908696	-1.10048	0.00443689	6.41629	6.41629	0.184443	1.99225	1.99225	0.655733	0.802764	-1.2457	0.648543	0.798775	-1.25192	0.701812	0.828321	-1.20726	0.147037	0.466767	-2.1424	0.0565517	2.87738	2.87738	0.954005	1.02864	1.02864	3.02446	11.4829	3.37482	1
cg24803517	MCTP1	0.0669406	0.966347	1.01643	1.01643	0.223874	1.63823	1.63823	0.0493874	2.37823	2.37823	0.712868	0.86694	-1.15348	0.904304	0.954601	-1.04756	0.280466	0.648317	-1.54246	0.0548108	0.431122	-2.31953	0.0107056	3.45263	3.45263	0.406353	1.38838	1.38838	3.02444	7.14798	2.10081	1
cg12263794	HIST1H4J	0.0669452	0.911583	0.984576	-1.01567	0.0149319	1.52021	1.52021	0.0952514	1.29241	1.29241	0.353881	1.1428	1.1428	0.0528066	0.734897	-1.36073	0.851227	1.02662	1.02662	0.0798524	0.761861	-1.31257	0.465824	1.10944	1.10944	0.277214	1.17133	1.17133	3.02436	0.93799	0.275685	1
cg19896556	PXN;PXN;PXN	0.0669452	0.519847	0.882863	-1.13268	0.176584	1.31565	1.31565	0.0103625	0.539768	-1.85265	0.651298	1.09077	1.09077	0.0461989	0.646492	-1.54681	0.0291323	0.612017	-1.63394	0.791467	0.950654	-1.05191	0.71619	0.932651	-1.07221	0.150419	0.745008	-1.34227	3.02436	1.74677	0.513394	1
cg19987768	NXN	0.0669453	0.0153402	0.0993372	-10.0667	0.0416735	0.161678	-6.18514	0.180352	0.331568	-3.01597	0.0936824	0.23919	-4.18078	0.0181613	0.107976	-9.26128	0.345424	0.470459	-2.12558	0.10356	0.251216	-3.98064	0.0532348	0.181924	-5.49681	0.0395886	0.157726	-6.34012	3.02435	28.8424	8.47709	1
cg23844154	DDX51	0.0669481	0.915614	1.01601	1.01601	0.0337506	1.45005	1.45005	0.00584147	1.71757	1.71757	0.271386	0.842305	-1.18722	0.297858	0.850658	-1.17556	0.394836	0.877555	-1.13953	0.265297	1.19005	1.19005	0.809573	1.03685	1.03685	0.380682	1.14427	1.14427	3.0243	1.07596	0.316242	1
cg15074789	EPHA2	0.0669482	0.823098	1.08521	1.08521	0.553665	0.803489	-1.24457	0.767865	1.11415	1.11415	0.0647862	0.468877	-2.13276	0.00438694	0.249256	-4.01194	0.0184345	0.352031	-2.84066	0.333316	0.694595	-1.43969	0.719613	0.876657	-1.1407	0.201422	0.610994	-1.63668	3.0243	6.38762	1.87742	1
cg01268367	KCNJ6	0.0669484	0.577201	0.895797	-1.11632	0.130698	1.37561	1.37561	0.22382	1.28365	1.28365	0.169013	1.33152	1.33152	0.235403	1.27504	1.27504	0.889917	1.02743	1.02743	0.00206274	2.33484	2.33484	0.860414	1.03499	1.03499	0.532482	0.883788	-1.13149	3.0243	1.82865	0.537469	1
cg03094796	LOC493754	0.0669491	0.0188625	0.32402	-3.08623	0.51101	1.3023	1.3023	0.467706	1.34013	1.34013	0.282503	0.642454	-1.55653	0.0288033	0.360058	-2.77733	0.650763	0.8348	-1.19789	0.0114763	0.285642	-3.50089	0.203622	0.587647	-1.7017	0.466459	0.745562	-1.34127	3.02429	7.51875	2.20989	1
cg14329059	DTX4	0.0669491	0.248798	1.26592	1.26592	0.110619	1.40503	1.40503	0.604234	0.902776	-1.10769	0.0406344	1.58786	1.58786	0.780574	0.94684	-1.05614	0.277651	1.24712	1.24712	0.0119518	0.541465	-1.84684	0.957854	0.989716	-1.01039	0.151193	1.35102	1.35102	3.02429	1.83264	0.538644	1
cg11530289	ADHFE1	0.0669493	0.235257	1.63538	1.63538	0.0124969	3.41685	3.41685	0.0998857	2.03998	2.03998	0.0190856	3.07022	3.07022	0.5895	1.24034	1.24034	0.120358	1.94679	1.94679	0.924639	0.963281	-1.03812	0.526581	0.775922	-1.28879	0.0316356	2.70822	2.70822	3.02428	7.48862	2.20104	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02893780	ATP6AP1	0.0669498	0.757416	1.12551	1.12551	0.116473	0.521553	-1.91735	0.110518	0.514956	-1.94191	0.0295168	0.376032	-2.65935	0.0196673	0.341159	-2.93119
cg08346627	KLHL36	0.0669507	0.0581047	0.405976	-2.4632	0.348364	0.666066	-1.50135	0.398173	0.694824	-1.43921	0.375372	0.681861	-1.46657	0.0135462	0.276351	-3.61858
cg10245797	SNORD114-14	0.0669507	0.702394	0.930331	-1.07489	0.168056	0.758548	-1.31831	0.810789	0.955886	-1.04615	0.311114	0.821085	-1.2179	0.171302	0.760342	-1.3152
cg14286443	CLTA;CLTA;CLTA	0.0669514	0.00341005	0.155034	-6.45018	0.372556	0.651278	-1.53544	0.905922	1.05694	1.05694	0.523604	0.738763	-1.35361	0.623645	0.793212	-1.2607
cg04729398	MLL	0.0669533	0.0378775	0.69124	-1.44667	0.0977081	0.756778	-1.32139	0.887743	0.978569	-1.0219	0.661136	0.934583	-1.07	0.00308848	0.537357	-1.86096
cg05512178	SLC6A12;SLC6A12;SLC6A12	0.0669535	0.868897	0.970036	-1.03089	0.33052	0.83118	-1.20311	0.0137792	0.570818	-1.75187	0.534186	0.89053	-1.12293	0.802415	0.954878	-1.04725
cg05193435	TMC2	0.0669537	0.16765	0.651741	-1.53435	0.00623473	2.82294	2.82294	0.173151	1.52491	1.52491	0.208154	0.679574	-1.47151	0.0948809	0.586085	-1.70624
cg08105844	TMEM89	0.0669539	0.0737591	0.33757	-2.96235	0.460664	1.50565	1.50565	0.345927	0.589286	-1.69697	0.237557	0.509602	-1.96232	0.00352171	0.115802	-8.63543
cg15021031	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2E	0.0669555	0.0264003	0.189441	-5.27868	0.200247	0.425281	-2.35138	0.269953	0.483885	-2.06661	0.163855	0.391082	-2.55701	0.0324991	0.20564	-4.86286
cg24671330	ATP13A5	0.0669559	0.0492196	0.349015	-2.86521	0.358188	0.642069	-1.55747	0.536585	1.34103	1.34103	0.790407	0.882576	-1.13305	0.019558	0.266323	-3.75484
cg10921517	HCCA2	0.066956	0.626143	0.953909	-1.04832	0.0167113	0.7552	-1.32415	0.606736	0.951321	-1.05117	0.997583	0.999709	-1.00029	0.374509	1.09156	1.09156
cg22781397	CDK2;CDK2;CDK2;SILV;CDK2	0.0669577	0.395234	0.885178	-1.12972	0.524422	1.09457	1.09457	0.704379	1.05485	1.05485	0.154054	0.807553	-1.23831	0.526274	0.913981	-1.09412
cg13148921	ARNT2	0.066959	0.709428	1.15121	1.15121	0.0176584	2.96189	2.96189	0.918105	1.03945	1.03945	0.542818	0.793149	-1.2608	0.0236644	2.76288	2.76288
cg20324969	NRBP2	0.0669592	0.125179	0.636111	-1.57205	0.961667	1.01319	1.01319	0.712977	1.10595	1.10595	0.0926809	1.65584	1.65584	0.00771812	0.393419	-2.54182
cg05162533	FOXJ1	0.0669597	0.00854143	0.10434	-9.58409	0.706964	1.28965	1.28965	0.990446	1.0081	1.0081	0.753483	1.23639	1.23639	0.0212216	0.154797	-6.46007
cg03322752	SEC61G;SEC61G	0.06696	0.667165	0.920662	-1.08617	0.786617	1.05321	1.05321	0.798821	1.05001	1.05001	0.0247969	0.600179	-1.66617	0.0239232	0.597603	-1.67335
cg19894085	IRAK3;IRAK3	0.0669636	0.0832833	0.394689	-2.53364	0.151412	0.47458	-2.10713	0.0609549	0.359138	-2.78444	0.38915	0.651869	-1.53405	0.0131234	0.225046	-4.44354
cg05812266	GABBR1;GABBR1;GABBR1	0.0669643	0.231902	1.40057	1.40057	0.0401139	1.89135	1.89135	0.00540226	2.67489	2.67489	0.0615925	1.76072	1.76072	0.457157	1.22562	1.22562
cg23602849	UPF3A;UPF3A	0.0669644	0.262244	1.25787	1.25787	0.535806	0.884216	-1.13094	0.130911	0.726076	-1.37727	0.335572	0.822934	-1.21516	0.00595951	0.493795	-2.02513
cg21177426	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0669649	0.0121574	0.312721	-3.19774	0.858321	0.935699	-1.06872	0.138273	0.552345	-1.81046	0.534864	0.791545	-1.26335	0.90084	1.04746	1.04746
cg06577005	DHDDS;DHDDS	0.0669675	0.148959	3.59413	3.59413	0.00689745	18.0077	18.0077	0.058002	5.87783	5.87783	0.0599142	5.78069	5.78069	0.903415	1.10555	1.10555
cg13978856	APBB2;APBB2;APBB2	0.066968	0.0445661	0.615404	-1.62495	0.20256	1.32733	1.32733	0.389628	1.20389	1.20389	0.0383913	1.65695	1.65695	0.0668614	0.648934	-1.54099
cg15859189	MAGI1;MAGI1;MAGI1	0.0669692	0.25878	0.646337	-1.54718	0.527418	0.788853	-1.26766	0.19742	0.603686	-1.65649	0.3484	0.699353	-1.42989	0.00143745	0.181435	-5.51163
cg15489541	C11orf31	0.0669702	0.225989	0.656264	-1.52378	0.985534	1.00602	1.00602	0.0680619	0.508179	-1.96781	0.155716	1.65399	1.65399	0.0268332	0.419459	-2.38402
cg01446100	HDAC4	0.0669713	0.0997176	0.794596	-1.2585	0.609902	1.06778	1.06778	0.0158282	0.68612	-1.45747	0.0967449	0.792666	-1.26157	0.967466	0.994816	-1.00521
cg20503117	ARL8B;ARL8B	0.0669717	0.339935	0.882645	-1.13296	0.045672	1.33752	1.33752	0.0274918	1.39227	1.39227	0.480824	1.09522	1.09522	0.171008	1.20323	1.20323
cg20808711	GPSM3	0.0669726	0.971976	0.988351	-1.01179	0.987731	0.994884	-1.00514	0.191897	0.630774	-1.58535	0.298975	0.698314	-1.43202	0.21341	1.54813	1.54813
cg06467207	GSG1L	0.066974	0.724709	1.14192	1.14192	0.144848	1.79987	1.79987	0.228032	0.621952	-1.60784	0.103399	1.95138	1.95138	0.00422914	0.237557	-4.20951
cg08732684	ATF6B;ATF6B	0.0669749	0.0241536	0.464447	-2.1531	0.73776	0.908595	-1.1006	0.140417	0.636099	-1.57208	0.968115	1.01147	1.01147	0.0114646	0.405622	-2.46535
cg20942310	ITGB4;ITGB4;ITGB4	0.066975	0.179184	0.700334	-1.42789	0.623293	1.13155	1.13155	0.115582	0.652452	-1.53268	0.340004	0.78233	-1.27823	0.0253432	0.514995	-1.94177
cg07186765	GARS	0.066975	0.231103	0.59768	-1.67314	0.00779066	4.05454	4.05454	0.158755	1.85375	1.85375	0.786873	0.894902	-1.11744	0.472087	0.741041	-1.34945
cg11980188	CYP2R1	0.0669757	0.125931	0.663676	-1.50676	0.868784	0.959892	-1.04178	0.649196	0.892811	-1.12006	0.0581838	0.588581	-1.699	0.00350174	0.375072	-2.66616
cg24036292	SHANK2;SHANK2	0.0669768	0.0693687	0.433244	-2.30817	0.936981	1.03309	1.03309	0.579582	0.794211	-1.25911	0.471592	0.739701	-1.3519	0.00360362	0.197383	-5.0663
cg19575883	METTL8	0.0669784	0.871951	0.979408	-1.02102	0.0103293	0.659175	-1.51705	0.216183	0.845456	-1.18279	0.712492	0.953378	-1.0489	0.16137	1.21279	1.21279
cg06970076	IFT140	0.0669785	0.328137	1.21875	1.21875	0.468372	0.865366	-1.15558	0.752285	1.06403	1.06403	0.424818	1.17321	1.17321	0.661325	0.917227	-1.09024
cg19627207	BAT5	0.0669785	0.821228	1.05354	1.05354	0.44539	1.19633	1.19633	0.153074	0.702876	-1.42273	0.40355	0.821219	-1.2177	0.512795	0.85817	-1.16527
cg00647769	CABC1	0.0669789	0.0601469	0.66602	-1.50146	0.0598513	0.665629	-1.50234	0.393675	0.845791	-1.18233	0.740474	0.93827	-1.06579	0.265167	0.800438	-1.24932
cg11495060	SRRT;SRRT;SRRT;SRRT;SRRT;SRRT;SRRT;SRRT	0.066979	0.764121	1.23914	1.23914	0.77997	0.81912	-1.22082	0.480138	1.66938	1.66938	?	?	?	0.0345012	0.165425	-6.04503
cg06484553	C10orf72;C10orf72	0.0669791	0.0469579	0.564602	-1.77116	0.0349995	0.539263	-1.85438	0.503137	0.842952	-1.18627	0.114408	0.649447	-1.53977	0.0121559	0.455831	-2.1938
cg21218183	GLMN	0.0669796	0.0254853	0.127665	-7.833	0.722173	0.758206	-1.3189	0.200821	0.3508	-2.85063	0.92645	0.930916	-1.07421	0.068679	0.205994	-4.8545
cg14904697	AKAP8L	0.0669812	0.689904	1.06498	1.06498	0.323077	0.851958	-1.17377	0.032325	0.674751	-1.48203	0.383204	1.1507	1.1507	0.325965	0.852823	-1.17258
cg12537302	DIP2C	0.066982	0.490455	0.746946	-1.33878	0.0543306	2.48305	2.48305	0.0596006	0.412496	-2.42426	0.0629471	0.418374	-2.3902	0.0240185	0.325853	-3.06886
cg13828871	MYST1;MYST1	0.0669821	0.542046	0.934032	-1.07063	0.464221	0.920933	-1.08586	0.918131	0.988696	-1.01143	0.565261	0.937747	-1.06639	0.269524	1.13557	1.13557
cg00900124	ANXA4	0.0669829	0.903168	1.01887	1.01887	0.242432	0.828674	-1.20675	0.117642	1.29829	1.29829	0.62319	0.926747	-1.07904	0.099633	0.757883	-1.31946
cg03506979	FAM171B;FAM171B	0.0669871	0.0681216	0.737551	-1.35584	0.740065	1.05087	1.05087	0.245387	0.834384	-1.19849	0.518656	1.10242	1.10242	0.289045	0.848739	-1.17822
cg01127586	LOC92249	0.0669873	0.00290752	0.0666489	-15.004	0.166223	0.376422	-2.65659	0.380782	0.551574	-1.81299	0.339399	1.91877	1.91877	0.134347	0.343541	-2.91086
cg12504877	SLA2;SLA2	0.0669873	0.191318	0.579673	-1.72511	0.948267	0.974749	-1.02591	0.00728857	0.255634	-3.91184	0.135244	0.530131	-1.88633	0.00776777	0.259931	-3.84717
cg07528661	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.0669882	0.449521	1.13162	1.13162	0.00772651	0.577482	-1.73165	0.196885	0.803383	-1.24474	0.450252	0.883871	-1.13139	0.63578	1.07956	1.07956
cg25966976	TTC21A;TTC21A	0.0669885	0.113489	0.78238	-1.27815	0.498455	1.10288	1.10288	0.0164094	0.658406	-1.51882	0.821513	0.968314	-1.03272	0.08542	1.31121	1.31121
cg07061707	IMP3	0.0669895	0.969459	1.00521	1.00521	0.525081	1.09142	1.09142	0.0019213	1.81589	1.81589	0.508593	1.09537	1.09537	0.961334	0.993436	-1.00661
cg22792785	LRRCC1;LRRCC1	0.0669915	0.0160725	0.18963	-5.27344	0.0298079	0.236226	-4.23324	0.0251247	0.222388	-4.49664	0.0719991	0.321931	-3.10626	0.113501	0.378356	-2.64302
cg25753026	METRNL	0.0669917	0.593429	0.897538	-1.11416	0.597473	1.11282	1.11282	0.443821	1.16954	1.16954	0.0227426	0.578739	-1.7279	0.00523215	0.477615	-2.09374
cg04621676	SLC25A33	0.0669917	0.00549033	0.601291	-1.66309	0.582387	0.92554	-1.08045	0.738414	1.0478	1.0478	0.1923	0.825077	-1.21201	0.0377776	0.714864	-1.39887
cg21035843	HGFAC	0.0669929	0.471349	0.712851	-1.40282	0.0120569	0.23545	-4.24719	0.240758	0.567023	-1.7636	0.830035	0.905464	-1.10441	0.00368474	0.163103	-6.13108
cg14143241	TMEM43;CHCHD4;CHCHD4;TMEM43	0.0669934	0.0872879	1.62629	1.62629	0.0856882	1.63116	1.63116	0.960424	1.01286	1.01286	0.241275	1.3716	1.3716	0.386048	1.25721	1.25721
cg16419253	ZBTB41	0.066996	0.0618768	0.254357	-3.93148	0.510148	0.647285	-1.54491	0.766161	0.823506	-1.21432	0.451641	0.606957	-1.64756	0.0495565	0.232509	-4.30091
cg08750890	LRBA	0.0669962	0.437333	0.853002	-1.17233	0.335311	1.22065	1.22065	0.0214112	1.74145	1.74145	0.257542	0.788908	-1.26757	0.771156	0.943154	-1.06027
cg22969397	CELSR1	0.0669975	0.0333903	0.623332	-1.60428	0.0243799	0.600459	-1.66539	0.016155	0.571475	-1.74986	0.953578	0.988992	-1.01113	0.413607	0.853069	-1.17224
cg14981253	LOC389458	0.0669978	0.755708	1.2224	1.2224	0.434057	1.67132	1.67132	0.385622	0.564219	-1.77236	0.816126	1.16169	1.16169	0.00776454	0.110834	-9.0225
cg06491725	SAE1;SAE1;SAE1;SAE1	0.0669989	0.100944	0.561892	-1.7797	0.511894	1.23796	1.23796	0.686296	1.13916	1.13916	0.178167	1.58262	1.58262	0.0497065	0.487543	-2.0511
cg14444703	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;POLR2L;TSPAN4;TSPAN4;TSPAN4	0.0669993	0.089851	0.71633	-1.39601	0.186656	0.778974	-1.28374	0.220742	1.25823	1.25823	0.542995	1.11613	1.11613	0.863261	0.96971	-1.03124
cg06896529	CMIP;CMIP	0.0669994	0.50953	0.699925	-1.42872	0.00337288	8.38303	8.38303	0.199232	2.06125	2.06125	0.999042	1.00064	1.00064	0.162511	0.451528	-2.2147
cg18760119	RNF146	0.0670011	0.0491477	1.29222	1.29222	0.593381	0.940331	-1.06346	0.589922	0.939778	-1.06408	0.727849	1.04069	1.04069	0.837729	0.976862	-1.02369
cg26113278	LDLRAD1	0.0670013	0.0800248	0.31611	-3.16346	0.132844	0.382308	-2.61569	0.151915	0.402459	-2.48473	0.488888	0.659102	-1.51722	0.0300019	0.220111	-4.54316
cg18941458	HSPG2	0.0670016	0.258727	0.379904	-2.63224	0.105936	0.234478	-4.26479	0.0087335	0.0643104	-15.5496	0.067839	0.186381	-5.36535	0.0108029	0.072094	-13.8708
cg04578090	PROCA1	0.067004	0.163298	1.49799	1.49799	0.0148488	2.25673	2.25673	0.203809	1.43947	1.43947	0.277469	0.735826	-1.35902	0.241977	0.717042	-1.39462
cg00799748	IFT140	0.0670059	0.38574	1.55756	1.55756	0.0146734	4.46885	4.46885	0.107326	2.401	2.401	0.335023	1.64121	1.64121	0.0168292	0.233743	-4.2782
cg18758796	PDLIM4;PDLIM4;PDLIM4;PDLIM4	0.0670066	0.168899	5.3528	5.3528	0.298583	3.43192	3.43192	0.5345	2.05436	2.05436	0.232889	4.18558	4.18558	0.120059	6.88997	6.88997
cg02976009	TNXB	0.0670075	0.944848	1.03881	1.03881	0.560998	0.723575	-1.38203	0.0362163	0.261718	-3.82091	0.620895	0.760023	-1.31575	0.0520014	0.29618	-3.37633
cg22504285	ATP2A2;ATP2A2;ATP2A2	0.0670092	0.327708	1.28942	1.28942	0.175737	1.43652	1.43652	0.620982	1.1336	1.1336	0.518203	1.17916	1.17916	0.0447881	0.560165	-1.78519
cg03660603	VGLL3	0.0670126	0.975584	0.985623	-1.01459	0.596575	1.28759	1.28759	0.328633	0.62059	-1.61137	0.154001	0.485714	-2.05882	0.265095	1.73249	1.73249
cg19344103	SNX3;SNX3	0.0670126	0.0617788	0.406057	-2.46271	0.189774	0.551549	-1.81307	0.178872	0.542363	-1.84378	0.277797	0.616604	-1.62179	0.0428714	0.368437	-2.71417
cg27417294	PLAC9	0.0670144	0.0371565	3.51249	3.51249	0.215817	1.96679	1.96679	0.0268328	3.90306	3.90306	0.112217	2.45465	2.45465	0.0774969	2.77033	2.77033
cg11213898	HMGCR;HMGCR	0.0670146	0.0050246	0.258648	-3.86626	0.291847	0.671317	-1.48961	0.9889	1.00508	1.00508	0.742169	1.12783	1.12783	0.0372909	0.414459	-2.41278
cg23113343	RASA3	0.0670157	0.0131885	0.589475	-1.69643	0.0520782	0.683803	-1.46241	0.0835816	0.719357	-1.39013	0.678992	0.930923	-1.0742	0.434307	0.871781	-1.14708
cg11341610	CALR	0.0670161	0.181263	0.535052	-1.86898	0.310534	0.629794	-1.58782	0.0741867	2.40298	2.40298	0.81057	0.899596	-1.11161	0.128194	0.484504	-2.06397
cg03433758	CRTC3;CRTC3	0.0670165	0.797776	1.06389	1.06389	0.956615	0.986963	-1.01321	0.362655	0.797977	-1.25317	0.050927	0.584876	-1.70976	0.00257206	0.364881	-2.74062
cg00334370	HEXA;HEXA;C15orf34	0.0670172	0.139039	0.763884	-1.3091	0.86866	1.02839	1.02839	0.236132	1.23366	1.23366	0.733653	1.05947	1.05947	0.103747	1.35112	1.35112
cg08646202	ALG9;ALG9;ALG9;ALG9	0.0670184	0.968846	0.990962	-1.00912	0.00508939	0.422837	-2.36498	0.184883	0.721148	-1.38668	0.257859	1.31586	1.31586	0.0470291	0.589517	-1.6963
cg04682969	WNT5B;WNT5B	0.0670184	0.06561	0.437666	-2.28485	0.694973	1.17069	1.17069	0.662784	1.19181	1.19181	0.393691	0.705112	-1.41822	0.00278554	0.192295	-5.20035
cg03325085	JPH3	0.0670191	0.524846	0.898656	-1.11277	0.0104956	0.586225	-1.70583	0.25554	0.821332	-1.21754	0.389112	0.863851	-1.15761	0.0812919	0.725824	-1.37775
cg11137321	NBPF14	0.0670197	0.0628937	0.450317	-2.22066	0.10274	0.506283	-1.97518	0.0840159	0.482432	-2.07283	0.0898664	0.490263	-2.03972	0.0047366	0.239222	-4.18022
cg24396074	TRIM39;TRIM39	0.0670211	0.802763	1.12972	1.12972	0.5403	1.35274	1.35274	0.0130975	0.223193	-4.48043	0.455643	1.4482	1.4482	0.00717859	0.184241	-5.42767
cg00648125	NUDT10	0.0670218	0.00310713	0.0862599	-11.5929	0.102895	0.339298	-2.94726	0.0970529	0.3318	-3.01387	0.480497	0.647635	-1.54408	0.782465	0.845638	-1.18254
cg06252160	WWOX	0.0670224	0.00192141	0.172203	-5.8071	0.633317	0.824888	-1.21229	0.632539	0.824519	-1.21283	0.968178	1.01611	1.01611	0.0963517	0.481284	-2.07777
cg00618155	ADAMTS14;ADAMTS14	0.0670227	0.416425	0.762926	-1.31074	0.0946051	0.549584	-1.81956	0.00544447	0.303812	-3.29151	0.083303	0.535465	-1.86753	0.253387	1.47496	1.47496
cg10356866	ZNF662;ZNF662	0.0670236	0.869392	0.972892	-1.02786	0.506641	1.1191	1.1191	0.962979	0.992278	-1.00778	0.299678	1.19662	1.19662	0.162331	1.28291	1.28291
cg03394122	MFAP2;MFAP2;MFAP2;MFAP2	0.0670286	0.0153615	0.582437	-1.71692	0.933204	0.984885	-1.01535	0.130656	0.743359	-1.34525	0.082078	0.704673	-1.4191	0.0160386	0.585358	-1.70836
cg25746844	IFT57	0.0670307	0.244628	1.14208	1.14208	0.329308	1.11615	1.11615	0.0312203	1.31775	1.31775	0.527062	0.93244	-1.07245	0.787236	0.970903	-1.02997
cg01804528	GDPD5	0.0670363	0.146982	0.600294	-1.66585	0.0870236	1.85827	1.85827	0.941793	1.02423	1.02423	0.275345	0.689279	-1.45079	0.229975	0.661675	-1.51132
cg20832137	B3GAT2	0.0670364	0.825593	0.96036	-1.04128	0.726633	1.06644	1.06644	0.412257	1.16607	1.16607	0.956764	1.00999	1.00999	0.214331	0.786947	-1.27073
cg10901099	CT45A6;CT45A6	0.0670381	0.500772	0.818469	-1.22179	0.117132	0.607174	-1.64697	0.268802	0.71348	-1.40158	0.0964025	0.585617	-1.7076	0.00598435	0.348847	-2.86659
cg27010576	UQCRC2	0.0670388	0.0103824	0.525082	-1.90447	0.535875	1.13329	1.13329	0.0959083	1.44048	1.44048	0.312888	0.811932	-1.23163	0.734197	0.93424	-1.07039
cg08782487	HSPA1L	0.0670393	0.0518755	0.568217	-1.75989	0.154582	1.47599	1.47599	0.208515	0.71264	-1.40323	0.785846	0.932777	-1.07207	0.00813278	0.420768	-2.37661
cg22224462	CHD5	0.0670409	0.492935	0.862073	-1.15999	0.904031	1.02604	1.02604	0.0732132	0.653232	-1.53085	0.78739	1.05931	1.05931	0.0235147	0.561801	-1.77999
cg06628792	TTTY14	0.0670416	0.246605	0.531483	-1.88153	0.241953	0.527653	-1.89519	?	?	?	0.0117624	0.154937	-6.45425	?	?	?
cg04497512	CLIC6	0.067043	0.578045	0.894097	-1.11845	0.0116072	1.87493	1.87493	0.134307	1.37941	1.37941	0.903447	1.02447	1.02447	0.138225	0.727627	-1.37433
cg18172135	DGKG;DGKG;DGKG	0.0670433	0.47585	1.27736	1.27736	0.0345825	2.29793	2.29793	0.597351	0.835285	-1.1972	0.713966	1.13235	1.13235	0.7579	1.11004	1.11004
cg20880234	ZMYM2;ZMYM2	0.0670439	0.0432543	11.5324	11.5324	0.0318111	14.1003	14.1003	0.0400046	12.1361	12.1361	0.459788	2.2067	2.2067	0.429667	0.428346	-2.33456
cg04800168	MYL6B	0.0670441	0.111234	0.801088	-1.2483	0.146042	1.22078	1.22078	0.0839701	1.2769	1.2769	0.21273	0.845553	-1.18266	0.0119272	0.669589	-1.49345
cg15594750	FOXN3	0.0670446	0.720474	0.949146	-1.05358	0.195302	1.22014	1.22014	0.156536	0.802405	-1.24625	0.57206	0.920409	-1.08647	0.188207	0.816651	-1.22451
cg02912379	PDE4DIP	0.0670446	0.154255	0.55308	-1.80806	0.0132673	3.29303	3.29303	0.131861	1.88063	1.88063	0.934026	0.968359	-1.03267	0.08181	0.472876	-2.11472
cg02158486	MAPK4	0.0670453	0.475747	0.748804	-1.33546	0.127163	1.931	1.931	0.548631	0.784976	-1.27392	0.267507	1.58528	1.58528	0.034809	0.374817	-2.66797
cg02109361	ARL2	0.0670461	0.114085	0.716409	-1.39585	0.770772	0.944891	-1.05832	0.429503	0.855152	-1.16938	0.0644283	1.49644	1.49644	0.301176	1.23103	1.23103
cg15732221	ABCC5	0.0670476	0.640426	0.957518	-1.04437	0.0028342	0.684342	-1.46126	0.133961	0.861445	-1.16084	0.411177	0.925384	-1.08063	0.181698	0.877374	-1.13976
cg23511531	C11orf61	0.0670479	0.0593352	0.362384	-2.7595	0.556486	1.32791	1.32791	0.278799	0.584529	-1.71078	0.381446	0.651783	-1.53425	0.0198144	0.261466	-3.82458
cg07015354	CA12;CA12	0.0670485	0.246831	0.724922	-1.37946	0.458214	0.818191	-1.22221	0.753056	0.919576	-1.08746	0.0277095	0.500911	-1.99636	0.0220357	0.482139	-2.07409
cg18558420	PFKL;PFKL	0.0670489	0.877151	0.980083	-1.02032	0.0353557	1.37532	1.37532	0.0821986	0.778471	-1.28457	0.72459	0.955036	-1.04708	0.101626	1.26248	1.26248
cg26341773	PIR;PIR	0.067051	0.0909645	0.388549	-2.57368	0.936276	0.960216	-1.04143	0.404963	1.54127	1.54127	0.675762	0.807703	-1.23808	0.489109	0.699937	-1.4287
cg15289316	FAM174B	0.0670519	0.075726	0.138434	-7.22364	0.625983	0.611818	-1.63447	0.014464	20.3756	20.3756	0.730464	0.707564	-1.4133	0.13991	0.204187	-4.89747
cg07392101	UHRF1;UHRF1	0.0670528	0.101711	0.645602	-1.54894	0.0933483	0.637131	-1.56954	0.074715	0.61579	-1.62393	0.857534	0.957063	-1.04486	0.0192631	0.500853	-1.99659
cg03936315	NGEF;NGEF	0.0670533	0.0854978	0.542619	-1.84291	0.766267	1.10062	1.10062	0.287258	0.700917	-1.4267	0.178433	0.631408	-1.58376	0.00418254	0.291092	-3.43534
cg20086420	GLOD5	0.067054	0.710875	0.910948	-1.09776	0.329461	1.28674	1.28674	0.187988	0.705053	-1.41833	0.87108	0.960131	-1.04152	0.00841254	0.43038	-2.32353
cg26583078	SORBS2;SORBS2	0.0670546	0.935226	0.962421	-1.03905	0.00238572	7.35357	7.35357	0.042328	3.01011	3.01011	0.423727	1.46964	1.46964	0.518088	0.734354	-1.36174
cg08929791	ARHGEF19	0.0670547	0.00499958	0.346942	-2.88232	0.786653	1.08038	1.08038	0.418295	1.26579	1.26579	0.472029	0.811825	-1.23179	0.0479416	0.524988	-1.90481
cg00226984	KLHL30	0.0670605	0.511764	0.884024	-1.13119	0.729231	0.937656	-1.06649	0.0605458	0.675692	-1.47996	0.137889	0.743815	-1.34442	0.966979	0.992361	-1.0077
cg00025715	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.0670609	0.443565	1.09247	1.09247	0.10538	0.818483	-1.22177	0.971153	0.995914	-1.0041	0.256283	0.874454	-1.14357	0.903183	0.986317	-1.01387
cg15818120	REPIN1;REPIN1;REPIN1	0.0670619	0.576964	0.904286	-1.10584	0.197425	1.27539	1.27539	0.524913	1.1219	1.1219	0.744477	1.06013	1.06013	0.9662	0.992463	-1.00759
cg01032359	CUX2	0.0670653	0.00499705	0.303428	-3.29567	0.560591	0.82786	-1.20793	0.945178	1.02232	1.02232	0.322397	1.3884	1.3884	0.443868	0.778336	-1.28479
cg18781901	C17orf101;HEXDC;C17orf101	0.0670677	0.0601915	0.315272	-3.17187	0.0153408	0.197808	-5.0554	0.234611	0.507421	-1.97075	0.213009	0.489605	-2.04246	0.0343351	0.260733	-3.83535
cg25766774	ZDHHC3;ZDHHC3;EXOSC7;ZDHHC3;EXOSC7	0.0670693	0.0831644	0.40031	-2.49807	0.0260958	0.283654	-3.52542	0.480889	1.40771	1.40771	0.952529	1.02882	1.02882	0.0883892	0.407676	-2.45293
cg11752250	ARG2	0.0670701	0.688528	1.1899	1.1899	0.688197	0.840238	-1.19014	0.495409	0.741784	-1.3481	0.22689	1.72883	1.72883	0.187121	0.54699	-1.82819
cg07877517	ANKRD55	0.0670708	0.604767	0.900673	-1.11028	0.993537	1.00162	1.00162	0.618469	1.10583	1.10583	0.637276	0.909226	-1.09984	0.682332	0.920854	-1.08595
cg06222114	FGFRL1;FGFRL1;FGFRL1	0.0670721	0.0736626	0.560965	-1.78264	0.122341	0.615439	-1.62486	0.353362	1.31896	1.31896	0.157862	0.645475	-1.54925	0.0230018	0.454607	-2.1997
cg18113535	DLGAP3	0.0670734	0.038472	6.93077	6.93077	0.308858	2.3404	2.3404	0.376903	2.07938	2.07938	0.687174	0.721198	-1.38658	0.601537	0.65352	-1.53018
cg26051590	KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;KLHL13	0.0670741	0.327053	0.728538	-1.37261	0.74922	1.10561	1.10561	0.129999	0.599313	-1.66858	0.887151	0.956525	-1.04545	0.0782025	0.541989	-1.84506
cg19266014	MAD1L1;MAD1L1;MAD1L1	0.0670743	0.102747	2.77341	2.77341	0.734326	1.21488	1.21488	0.108074	0.367217	-2.72318	0.108706	2.71744	2.71744	0.639454	1.30944	1.30944
cg23454284	ABR;ABR;ABR	0.0670745	0.334154	1.55636	1.55636	0.0721319	2.43841	2.43841	0.454753	1.40232	1.40232	0.524561	0.750986	-1.33158	0.12061	2.11193	2.11193
cg13772768	CLASP1;CLASP1;CLASP1	0.0670746	0.15147	2.14149	2.14149	0.312934	0.596216	-1.67725	0.677034	0.812581	-1.23065	0.729598	0.842039	-1.18759	0.833026	0.900683	-1.11027
cg04090697	PPP2R2D;PPP2R2D;PPP2R2D	0.0670753	0.987755	0.99752	-1.00249	0.0917734	1.3504	1.3504	0.00593349	1.79013	1.79013	0.33251	0.850639	-1.17559	0.383136	0.865266	-1.15571
cg10844884	ZNF22	0.0670753	0.0128682	0.228071	-4.38461	0.307993	0.603515	-1.65696	0.676757	0.818207	-1.22219	0.811141	1.12138	1.12138	0.0199245	0.260632	-3.83682
cg26158287	MDC1	0.0670758	0.0786622	1.24595	1.24595	0.279539	1.13494	1.13494	0.0390363	1.3086	1.3086	0.536652	1.07299	1.07299	0.106026	1.2199	1.2199
cg21743597	SLC9A3	0.0670769	0.452957	0.807048	-1.23908	0.00363105	3.01465	3.01465	0.317861	1.33575	1.33575	0.475076	1.22588	1.22588	0.577934	0.854192	-1.1707
cg15001687	NINL	0.0670775	0.177477	0.814836	-1.22724	0.111298	1.28124	1.28124	0.173779	1.22968	1.22968	0.0671642	1.34061	1.34061	0.388736	1.13451	1.13451

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02893780	0.194875	1.68756	1.68756	0.383185	1.40673	1.40673	0.365218	1.42625	1.42625	0.28716	0.655885	-1.52466	3.02427	6.97576	2.0503	1
cg08346627	0.0559721	0.402025	-2.48741	0.0109067	0.260532	-3.8383	0.0464541	0.38291	-2.61158	0.0985749	0.466539	-2.14344	3.02426	8.48528	2.49399	1
cg10245797	0.47248	1.14736	1.14736	0.0094348	1.85692	1.85692	0.121864	1.37085	1.37085	0.0800265	1.44103	1.44103	3.02426	1.69483	0.498145	1
cg14286443	0.138099	0.47335	-2.1126	0.0307134	0.304553	-3.2835	0.589037	0.77454	-1.29109	0.0383741	0.324994	-3.07698	3.02425	10.5096	3.08898	1
cg04729398	0.375297	0.869735	-1.14978	0.100253	0.758663	-1.31811	0.690897	1.06322	1.06322	0.999815	1.00004	1.00004	3.02421	1.12679	0.33119	1
cg05512178	0.935666	1.01498	1.01498	0.00874861	1.84974	1.84974	0.589466	0.904544	-1.10553	0.250902	0.801775	-1.24723	3.02421	1.62435	0.477436	1
cg05193435	0.871552	1.04823	1.04823	0.502279	1.21922	1.21922	0.495325	1.22329	1.22329	0.770547	0.918391	-1.08886	3.0242	4.05853	1.1929	1
cg08105844	0.0393223	0.272798	-3.66572	0.162836	0.444115	-2.25167	0.432098	0.646084	-1.54779	0.20131	0.479392	-2.08597	3.0242	14.2177	4.17894	1
cg15021031	0.137892	0.364368	-2.74448	0.00577881	0.101751	-9.82788	0.936342	0.950776	-1.05177	0.0853858	0.300674	-3.32586	3.02417	19.1262	5.62174	1
cg24671330	0.146379	0.481389	-2.07732	0.00757485	0.199738	-5.00655	0.222311	0.548034	-1.8247	0.09947	0.428818	-2.33199	3.02416	10.5316	3.09553	1
cg10921517	0.763162	1.02947	1.02947	0.00775236	1.38912	1.38912	0.281369	0.89798	-1.11361	0.754913	1.03055	1.03055	3.02416	0.442445	0.130047	1
cg22781397	0.0115651	0.642553	-1.55629	0.00807251	0.621722	-1.60844	0.408208	1.1258	1.1258	0.343746	0.872302	-1.14639	3.02413	0.939785	0.276233	1
cg13148921	0.18841	1.68928	1.68928	0.0247144	2.73468	2.73468	0.0356332	2.50937	2.50937	0.805306	1.09736	1.09736	3.02411	6.77876	1.99251	1
cg20324969	0.714966	0.904865	-1.10514	0.0837941	1.68464	1.68464	0.336264	1.31028	1.31028	0.654448	1.13065	1.13065	3.0241	3.5582	1.04588	1
cg05162533	0.0627382	0.244041	-4.09768	0.0664007	0.249914	-4.00138	0.770161	1.21814	1.21814	0.92608	0.939411	-1.0645	3.0241	21.7274	6.38647	1
cg03322752	0.846985	0.963761	-1.0376	0.0230824	1.68056	1.68056	0.408975	0.85099	-1.1751	0.25294	0.796008	-1.25627	3.02409	1.74845	0.513933	1
cg19894085	0.0721467	0.377889	-2.64628	0.0110622	0.213309	-4.68802	0.0503385	0.339022	-2.94966	0.286746	0.584867	-1.70979	3.02402	11.2599	3.30976	1
cg05812266	0.933152	1.0228	1.0228	0.833504	1.05819	1.05819	0.764681	0.922508	-1.084	0.0343471	1.94105	1.94105	3.02401	3.45753	1.01632	1
cg23602849	0.850543	0.963657	-1.03771	0.0377156	0.623122	-1.60482	0.0758644	0.678592	-1.47364	0.632458	1.09918	1.09918	3.02401	1.84466	0.542227	1
cg21177426	0.270445	0.652598	-1.53234	0.035649	0.402721	-2.48311	0.0435305	2.37105	2.37105	0.953938	1.02172	1.02172	3.024	6.62587	1.94764	1
cg06577005	0.0333278	7.81301	7.81301	0.18508	3.19538	3.19538	0.0481358	6.46821	6.46821	0.167075	3.37861	3.37861	3.02396	32.7198	9.61797	1
cg13978856	0.315449	1.24418	1.24418	0.277338	0.788363	-1.26845	0.176538	1.35311	1.35311	0.310463	1.24719	1.24719	3.02395	2.12177	0.623695	1
cg15859189	0.0593613	0.454564	-2.19991	0.291821	0.666879	-1.49952	0.928517	0.96731	-1.0338	0.576123	0.811221	-1.23271	3.02392	6.57119	1.93162	1
cg15489541	0.429935	0.765743	-1.30592	0.00827096	0.326715	-3.06078	0.833085	1.07241	1.07241	0.465779	0.782005	-1.27876	3.02391	5.25593	1.545	1
cg01446100	0.793839	1.03394	1.03394	0.0198492	1.43102	1.43102	0.725703	0.956102	-1.04591	0.813744	0.97037	-1.03053	3.02389	0.777828	0.228647	1
cg20503117	0.646023	0.942992	-1.06045	0.0404854	0.740581	-1.35029	0.155071	1.21304	1.21304	0.305798	1.14406	1.14406	3.02388	0.771515	0.226792	1
cg20808711	0.0209131	2.52702	2.52702	0.478007	0.786137	-1.27204	0.353194	1.37527	1.37527	0.0142141	0.364607	-2.74268	3.02386	5.32873	1.56642	1
cg06467207	0.855006	0.933649	-1.07107	0.30834	0.673181	-1.48549	0.975651	0.98861	-1.01152	0.711502	1.14961	1.14961	3.02384	6.74631	1.98315	1
cg08732684	0.336427	1.32674	1.32674	0.0433728	0.515432	-1.94012	0.0760353	0.569401	-1.75623	0.407369	0.785243	-1.27349	3.02382	3.8969	1.14554	1
cg20942310	0.0372015	0.546736	-1.82904	0.0179243	0.487667	-2.05058	0.146122	0.677412	-1.47621	0.0252657	0.514748	-1.9427	3.02382	2.9843	0.877272	1
cg07186765	0.873375	1.06753	1.06753	0.0786101	0.449144	-2.22646	0.214155	0.585148	-1.70897	0.244522	0.607234	-1.64681	3.02382	8.04024	2.36353	1
cg11980188	0.913349	1.02732	1.02732	0.182783	1.41909	1.41909	0.987762	0.99621	-1.0038	0.733342	1.08835	1.08835	3.02381	2.93541	0.862903	1
cg24036292	0.726106	1.15582	1.15582	0.834231	1.09012	1.09012	0.0889508	2.16504	2.16504	0.51699	0.762989	-1.31063	3.02379	8.1188	2.38665	1
cg19575883	0.289059	1.15252	1.15252	0.0277396	1.39877	1.39877	0.920397	0.987189	-1.01298	0.481991	0.911941	-1.09656	3.02376	0.796792	0.234232	1
cg06970076	0.94878	1.01267	1.01267	0.00386176	2.14454	2.14454	0.145276	0.735997	-1.3587	0.110286	0.710983	-1.4065	3.02376	1.83961	0.540786	1
cg19627207	0.22328	0.744634	-1.34294	0.0293578	0.553576	-1.80644	0.0665904	1.60639	1.60639	0.0303702	1.79765	1.79765	3.02376	2.54286	0.747521	1
cg00647769	0.638956	1.09481	1.09481	0.0141087	1.78731	1.78731	0.143561	0.739879	-1.35157	0.185928	0.76427	-1.30844	3.02375	1.75968	0.517292	1
cg11495060	0.815552	0.846659	-1.18111	0.540019	1.55683	1.55683	0.0807107	4.06302	4.06302	0.0100225	11.0645	11.0645	3.29308	23.0182	6.11614	1
cg06484553	0.170523	0.692886	-1.44324	0.029936	0.526217	-1.90036	0.0301907	0.526917	-1.89783	0.20904	0.716868	-1.39496	3.02375	3.02609	0.889577	1
cg21218183	0.415098	1.90762	1.90762	0.0103132	0.0816039	-12.2543	0.223859	2.69325	2.69325	0.264203	0.405632	-2.46529	3.02374	28.7875	8.46266	1
cg14904697	0.471928	1.12172	1.12172	0.00582655	1.7626	1.7626	0.832813	1.03374	1.03374	0.611062	1.08384	1.08384	3.02371	1.18002	0.346894	1
cg12537302	0.80213	1.11025	1.11025	0.553364	1.2837	1.2837	0.760337	0.880348	-1.13591	0.0840173	0.450979	-2.2174	3.02369	8.30855	2.4425	1
cg13828871	0.598193	0.942893	-1.06057	0.942721	0.992086	-1.00798	0.00143569	0.600734	-1.66463	0.180422	0.854474	-1.17031	3.02369	0.58547	0.172113	1
cg00900124	0.118564	0.770832	-1.2973	0.00936627	0.602802	-1.65892	0.231526	1.21261	1.21261	0.351775	1.15859	1.15859	3.02368	1.13007	0.332213	1
cg03506979	0.00774229	1.66483	1.66483	0.0740208	0.743265	-1.34542	0.768494	1.04497	1.04497	0.820376	0.966676	-1.03447	3.0236	1.06342	0.312628	1
cg01127586	?	?	?	0.6476	0.737428	-1.35606	0.980659	0.984085	-1.01617	0.658601	1.34217	1.34217	3.06387	18.8928	6.16631	1
cg12504877	0.130843	0.525709	-1.90219	0.199829	0.586347	-1.70547	0.374479	0.698165	-1.43233	0.1147	0.508571	-1.96629	3.0236	7.43942	2.18707	1
cg07528661	0.118173	1.31288	1.31288	0.159913	1.27245	1.27245	0.583737	0.915037	-1.09285	0.0998484	0.748743	-1.33557	3.02358	1.23297	0.362476	1
cg25966976	0.425893	0.890599	-1.12284	0.184181	1.22231	1.22231	0.815528	1.03386	1.03386	0.0433898	0.718176	-1.39242	3.02358	0.972383	0.285867	1
cg07061707	0.561652	0.92338	-1.08298	0.216115	0.837929	-1.19342	0.214387	1.1943	1.1943	0.603632	0.931323	-1.07374	3.02356	0.883593	0.259765	1
cg22792785	0.157743	0.426357	-2.34545	0.0420134	0.2665	-3.75234	0.0560736	0.294873	-3.39129	0.183906	0.451318	-2.21573	3.02352	15.252	4.48395	1
cg25753026	0.803132	0.951127	-1.05138	0.208839	0.766623	-1.30442	0.976628	0.994141	-1.00589	0.0840441	0.68149	-1.46737	3.02352	1.92696	0.566509	1
cg04621676	0.803806	0.965915	-1.03529	0.570342	1.08319	1.08319	0.148517	1.24099	1.24099	0.595616	1.07748	1.07748	3.02352	0.929552	0.273281	1
cg21035843	0.204324	0.538584	-1.85672	0.401561	0.672584	-1.4868	0.685031	1.2073	1.2073	0.308798	0.614709	-1.62679	3.0235	10.2195	3.00447	1
cg14143241	0.315571	1.30643	1.30643	0.00986127	0.431675	-2.31656	0.308634	0.76229	-1.31184	0.360944	0.785121	-1.27369	3.02349	3.17736	0.934126	1
cg16419253	0.513687	1.53915	1.53915	0.00401305	0.080697	-12.392	0.309951	0.504561	-1.98192	0.0578215	0.247473	-4.04084	3.02344	20.299	5.9679	1
cg08750890	0.19616	0.760121	-1.31558	0.3518	0.825071	-1.21202	0.0390043	1.61521	1.61521	0.0594189	1.53265	1.53265	3.02344	1.92825	0.566906	1
cg22969397	0.180234	0.762946	-1.31071	0.533175	1.1275	1.1275	0.364412	1.19388	1.19388	0.444601	1.15972	1.15972	3.02341	1.73105	0.508932	1
cg14981253	0.645881	0.742522	-1.34676	0.00816783	0.11325	-8.83001	0.642658	0.740332	-1.35075	0.17588	0.396117	-2.52451	3.02341	19.8255	5.82874	1
cg06491725	0.583642	1.19436	1.19436	0.0173358	0.394587	-2.53429	0.0424216	0.472388	-2.1169	0.408109	0.762226	-1.31195	3.02339	4.93053	1.44959	1
cg14444703	0.300024	1.21123	1.21123	0.00968713	0.557667	-1.79319	0.061356	0.686522	-1.45662	0.446195	1.14861	1.14861	3.02338	1.5245	0.44821	1
cg06896529	0.708664	0.818605	-1.22159	0.489127	1.45456	1.45456	0.202213	0.487722	-2.05035	0.590342	0.748408	-1.33617	3.02338	13.6161	4.00319	1
cg18760119	0.908146	1.01326	1.01326	0.0947897	0.810912	-1.23318	0.0443177	1.30173	1.30173	0.0117538	1.43227	1.43227	3.02335	0.623981	0.183455	1
cg26113278	0.150378	0.400886	-2.49447	0.0126636	0.159218	-6.28069	0.0167562	0.177084	-5.64703	0.0487762	0.263322	-3.79763	3.02335	16.8345	4.94949	1
cg18941458	0.215652	0.342893	-2.91636	0.0704717	0.190049	-5.26181	0.538418	0.599531	-1.66797	0.0935017	0.219786	-4.54987	3.02334	32.3014	9.4969	1
cg04578090	0.888766	0.962704	-1.03874	0.73968	0.913411	-1.0948	0.0646127	1.7573	1.7573	0.0944641	0.606972	-1.64752	3.0233	3.53223	1.03852	1
cg00799748	0.456452	1.45929	1.45929	0.277091	1.75648	1.75648	0.444452	1.47475	1.47475	0.700645	0.824892	-1.21228	3.02326	11.8906	3.49602	1
cg18758796	0.123462	6.75071	6.75071	0.00286385	109.489	109.489	0.020623	24.3084	24.3084	0.226055	4.28404	4.28404	3.02325	62.7183	18.4403	1
cg02976009	0.756649	1.1866	1.1866	0.00568506	0.135805	-7.36348	0.0354327	0.259765	-3.84964	0.426078	0.63933	-1.56414	3.02323	14.5057	4.26495	1
cg22504285	0.00959355	0.438213	-2.28199	0.780102	0.932006	-1.07296	0.295703	0.761232	-1.31366	0.171628	1.44216	1.44216	3.0232	3.03083	0.89113	1
cg03660603	0.730899	1.17746	1.17746	0.0195099	3.80302	3.80302	0.00774812	5.04438	5.04438	0.938376	0.964075	-1.03726	3.02314	10.7201	3.15201	1
cg19344103	0.237226	0.588305	-1.6998	0.0164464	0.284813	-3.51107	0.0205888	0.302734	-3.30323	0.283653	1.61159	1.61159	3.02314	8.7884	2.58404	1
cg27417294	0.615356	0.768699	-1.3009	0.531258	1.39001	1.39001	0.0668682	0.344128	-2.9059	0.69227	0.813381	-1.22944	3.02311	12.9094	3.79575	1
cg11213898	0.257514	0.650146	-1.53812	0.0388067	0.418218	-2.3911	0.246534	0.643039	-1.55511	0.571046	1.23196	1.23196	3.02311	6.35684	1.86911	1
cg23113343	0.105918	0.738041	-1.35494	0.00830331	0.559688	-1.78671	0.351111	0.847839	-1.17947	0.79818	1.04506	1.04506	3.02309	1.41648	0.416492	1
cg11341610	0.128761	0.485109	-2.06139	0.0232213	0.302536	-3.30539	0.252031	1.69427	1.69427	0.0494167	0.372295	-2.68604	3.02308	9.29631	2.73343	1
cg03433758	0.153151	0.69144	-1.44626	0.924402	0.977367	-1.02316	0.809368	0.943371	-1.06003	0.0745804	0.619334	-1.61464	3.02307	2.78555	0.819048	1
cg00334370	0.371859	0.85634	-1.16776	0.00493726	0.532705	-1.87721	0.417254	0.869161	-1.15053	0.432401	1.14514	1.14514	3.02306	1.36989	0.402797	1
cg08646202	0.616905	1.1244	1.1244	0.259494	1.31452	1.31452	0.714828	0.918226	-1.08906	0.356556	0.802157	-1.24664	3.02304	2.5877	0.760881	1
cg04682969	0.585221	1.24658	1.24658	0.765619	0.887313	-1.127	0.202236	0.583658	-1.71333	0.113466	0.502186	-1.9913	3.02304	7.65709	2.25148	1
cg03325085	0.376118	1.16255	1.16255	0.0321975	1.51588	1.51588	0.413764	0.870623	-1.1486	0.963777	1.00756	1.00756	3.02303	1.31651	0.387106	1
cg11137321	0.128116	0.534121	-1.87224	0.0753861	0.470124	-2.1271	0.533776	0.78641	-1.2716	0.0501124	0.426724	-2.34344	3.02302	6.95963	2.04641	1
cg24396074	0.352894	0.627587	-1.59341	0.96539	0.979076	-1.02137	0.753374	0.857604	-1.16604	0.113681	0.432222	-2.31362	3.02299	11.3718	3.3438	1
cg00648125	0.0501488	0.258514	-3.86826	0.0432484	0.244513	-4.08976	0.331876	0.545295	-1.83387	0.49777	0.659043	-1.51735	3.02298	17.5686	5.16595	1
cg06252160	0.859828	1.07337	1.07337	0.212915	1.69118	1.69118	0.996764	1.00163	1.00163	0.9012	0.95147	-1.05101	3.02297	7.68103	2.25857	1
cg00618155	0.125768	0.582887	-1.7156	0.414494	1.31228	1.31228	0.324612	0.717908	-1.39294	0.764664	1.10276	1.10276	3.02296	5.08199	1.49434	1
cg10356866	0.611434	0.917998	-1.08933	0.0929547	1.36163	1.36163	0.186635	0.791527	-1.26338	0.0052757	0.541051	-1.84826	3.02295	1.33527	0.392632	1
cg03394122	0.292808	0.82013	-1.21932	0.720586	0.936827	-1.06743	0.0153139	0.582227	-1.71754	0.873295	0.971419	-1.02942	3.02286	1.58047	0.464747	1
cg25746844	0.0229637	0.743107	-1.3457	0.142072	0.841742	-1.18801	0.876298	0.983141	-1.01715	0.0785871	1.23768	1.23768	3.02282	0.57037	0.167723	1
cg01804528	0.771801	0.909053	-1.10005	0.021917	2.46348	2.46348	0.0557674	0.491334	-2.03528	0.151105	0.603835	-1.65608	3.02272	5.14701	1.51358	1
cg20832137	0.00703409	0.528043	-1.89378	0.578075	1.10846	1.10846	0.0105993	0.55484	-1.80232	0.545142	0.893839	-1.11877	3.02272	1.60798	0.472859	1
cg10901099	0.168534	0.650452	-1.53739	0.100515	0.590157	-1.69446	0.843073	1.05982	1.05982	0.0138508	0.410046	-2.43875	3.02268	4.1134	1.20964	1
cg27010576	0.809012	1.04952	1.04952	0.0269723	0.592873	-1.6867	0.686163	1.08445	1.08445	0.153803	0.737298	-1.3563	3.02267	1.90698	0.560792	1
cg08782487	0.561768	0.860794	-1.16172	0.162766	0.683362	-1.46335	0.548106	1.168	1.168	0.0661587	0.590595	-1.69321	3.02266	3.1255	0.91913	1
cg22224462	0.0652448	1.55446	1.55446	0.852918	0.961215	-1.04035	0.995376	0.998766	-1.00124	0.0152731	0.530006	-1.88677	3.02263	2.17469	0.639529	1
cg06628792	0.904471	1.06271	1.06271	0.0494494	0.288495	-3.46626	0.0236713	0.212707	-4.7013	0.0545639	0.299952	-3.33387	4.18814	12.1444	2.07122	1
cg04497512	0.275159	0.79758	-1.25379	0.0884801	0.687702	-1.45412	0.12858	1.38711	1.38711	0.635288	1.09986	1.09986	3.0226	1.89986	0.558712	1
cg18172135	0.0253245	2.454	2.454	0.00724338	3.22153	3.22153	0.163376	1.65248	1.65248	0.505033	0.79582	-1.25656	3.02259	5.45742	1.60493	1
cg20880234	0.366223	2.65452	2.65452	0.0144514	23.8018	23.8018	0.9893	0.985996	-1.0142	0.0736362	8.14415	8.14415	3.02258	52.9443	15.57	1
cg04800168	0.737132	1.044	1.044	0.15601	0.823648	-1.21411	0.351062	0.884538	-1.13053	0.729503	1.04537	1.04537	3.02258	0.782262	0.23005	1
cg15594750	0.114978	0.779609	-1.28269	0.00432857	0.574674	-1.74012	0.79878	1.0378	1.0378	0.272887	1.18029	1.18029	3.02257	1.01007	0.297046	1
cg02912379	0.452296	1.3463	1.3463	0.107736	0.50579	-1.9771	0.548653	1.26578	1.26578	0.36937	0.699063	-1.43049	3.02257	7.21945	2.12313	1
cg02158486	0.118304	1.96685	1.96685	0.951789	0.97617	-1.02441	0.0124545	3.4571	3.4571	0.748194	0.879432	-1.1371	3.02256	7.61694	2.24003	1
cg02109361	0.713884	1.07406	1.07406	0.00855732	0.521616	-1.91712	0.628108	0.90964	-1.09934	0.151399	1.34751	1.34751	3.02254	1.80208	0.529967	1
cg15732221	0.571652	1.05416	1.05416	0.31923	1.09964	1.09964	0.0934581	0.843454	-1.1856	0.337175	0.912736	-1.09561	3.02251	0.407621	0.119877	1
cg23511531	0.0499726	0.344413	-2.90349	0.0128322	0.229096	-4.36497	0.971621	1.01711	1.01711	0.0756266	0.389458	-2.56767	3.02251	10.8841	3.20091	1
cg07015354	0.272508	0.738302	-1.35446	0.050392	1.80842	1.80842	0.242963	1.38345	1.38345	0.711633	1.10366	1.10366	3.0225	3.3781	0.993468	1
cg18558420	0.0120758	0.66563	-1.50234	0.901474	1.01624	1.01624	0.653991	0.943012	-1.06043	0.709828	0.952554	-1.04981	3.02249	0.809666	0.238116	1
cg26341773	0.291407	0.573601	-1.74337	0.614663	0.772812	-1.29398	0.696701	0.819656	-1.22002	0.00302325	7.87401	7.87401	3.02245	12.3389	3.62882	1
cg15289316	?	?	?	?	?	?	0.76546	1.34885	1.34885	0.14321	4.8243	4.8243	3.11276	38.3651	14.0858	1
cg07392101	0.0343019	1.82771	1.82771	0.83885	1.05099	1.05099	0.81143	1.06011	1.06011	0.491978	0.843281	-1.18584	3.02242	2.8553	0.839738	1
cg03936315	0.0472692	0.481889	-2.07517	0.328302	0.722884	-1.38335	0.589851	0.839438	-1.19127	0.0334778	0.449774	-2.22334	3.02241	4.95125	1.45616	1
cg20086420	0.0885769	0.624621	-1.60097	0.096482	1.57956	1.57956	0.255071	1.3467	1.3467	0.273346	0.751592	-1.33051	3.0224	3.00372	0.883397	1
cg26583078	0.605324	1.27845	1.27845	0.678472	0.821648	-1.21707	0.284517	1.68858	1.68858	0.265133	1.7285	1.7285	3.02239	10.6295	3.12616	1
cg08929791	0.0863643	0.582804	-1.71584	0.0693018	0.560399	-1.78444	0.251673	0.710864	-1.40674	0.973308	1.00958	1.00958	3.02239	3.88744	1.1433	1
cg00226984	0.359783	1.19056	1.19056	0.00457047	2.01279	2.01279	0.64369	0.917332	-1.09012	0.787194	0.951111	-1.0514	3.02228	1.64261	0.483112	1
cg00025715	0.262082	1.14156	1.14156	0.00280893	1.59373	1.59373	0.940011	0.991515	-1.00856	0.816658	1.02664	1.02664	3.02227	0.613525	0.180445	1
cg15818120	0.291311	0.822429	-1.21591	0.0116914	0.569798	-1.75501	0.49148	1.13286	1.13286	0.0157399	1.69614	1.69614	3.02226	1.52565	0.448714	1
cg01032359	0.0433389	0.474256	-2.10857	0.672353	0.872354	-1.14632	0.207243	1.53259	1.53259	0.347087	1.36453	1.36453	3.0222	4.93278	1.45083	1
cg18781901	0.185472	0.465534	-2.14807	0.00927279	0.165659	-6.03649	0.793846	0.867095	-1.15328	0.105437	0.381662	-2.62012	3.02215	14.1926	4.17439	1
cg25766774	0.100428	0.423617	-2.36062	0.0269524	0.286406	-3.49155	0.0193779	0.259391	-3.85518	0.486005	0.713296	-1.40194	3.02212	10.9029	3.20685	1
cg11752250	0.103074	2.15859	2.15859	0.0385059	0.355427	-2.81352	0.0157968	3.58231	3.58231	0.338959	0.653575	-1.53005	3.02211	8.91175	2.6212	1
cg07877517	0.291179	0.802949	-1.24541	0.00142327	2.52129	2.52129	0.820059	1.04671	1.04671	0.875533	1.03191	1.03191	3.0221	1.92152	0.565175	1
cg06222114	0.246649	0.703829	-1.4208	0.00942817	0.385197	-2.59607	0.584765	1.17348	1.17348	0.591062	0.854493	-1.17028	3.02207	4.02275	1.18322	1
cg18113535	0.974929	1.0257	1.0257	0.138614	3.62257	3.62257	0.00836924	15.1813	15.1813	0.0192724	9.83073	9.83073	3.02205	31.1995	9.17684	1
cg26051590	0.102945	0.572094	-1.74796	0.00329659	0.285598	-3.50143	0.149007	0.616048	-1.62325	0.480178	1.2519	1.2519	3.02204	4.68995	1.37948	1
cg19266014	0.0515194	3.54839	3.54839	0.0143708	5.60849	5.60849	0.190582	2.20775	2.20775	0.0589736	3.38221	3.38221	3.02203	15.6269	4.59643	1
cg23454284	0.12302	2.10012	2.10012	0.0253379	3.25626	3.25626	0.00880489	4.39858	4.39858	0.0453713	2.77137	2.77137	3.02203	9.43895	2.77634	1
cg13772768	0.306778	1.68917	1.68917	0.00356919	0.141433	-7.0705	0.145523	2.16921	2.16921	0.538976	0.734771	-1.36097	3.02203	11.75	3.4561	1
cg04090697	0.265646	1.20648	1.20648	0.0314095	1.50448	1.50448	0.917559	0.983386	-1.0169	0.507797	1.11485	1.11485	3.02202	1.25324	0.368624	1
cg10844884	0.84447	1.09856	1.09856	0.0395245	0.319979	-3.1252	0.405653	0.665544	-1.50253	0.0268884	0.285237	-3.50585	3.02202	10.9615	3.2242	1
cg26158287	0.0400386	0.765531	-1.30628	0.143315	0.837713	-1.19373	0.175401	1.17615	1.17615	0.878617	0.98294	-1.01736	3.02201	0.606739	0.178465	1
cg21743597	0.332843	0.755709	-1.32326	0.106771	0.610338	-1.63844	0.612253	0.86648	-1.15409	0.360727	1.30142	1.30142	3.02199	3.76275	1.10678	1
cg15001687	0.180608	0.816182	-1.22522	0.0990315	0.772299	-1.29483	0.0425128	0.716253	-1.39615	0.733143	1.05011	1.05011	3.02198	0.976976	0.287369	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg25287051	UNC4	0.0670781	0.0666504	1.30815	1.30815	1.467403	0.907928	-1.10141	0.126083	1.24067	1.24067	0.769314	1.03916	1.03916	0.0497857	0.746545	-1.3395	0.936441	1.089636	-1.01047	0.0100843	0.654364	-1.5282	0.879778	1.01997	1.01997	0.8403606	1.0267	1.0267	3.02197	0.816626	0.240205	1
cg14208859	SERPINF2;SERPINF2;SERPINF2	0.0670783	0.0539366	5.720834	-1.38728	0.3799062	1.43319	1.433319	0.0209762	0.660007	-1.51554	0.231558	0.8289362	-1.26551	0.0288083	0.925697	-1.08027	0.210032	1.21851	1.21851	0.511814	1.10467	1.10467	0.720418	0.947652	-1.05524	0.401067	1.13722	1.13722	3.02196	1.07127	0.315108	1
cg02751803	CETP	0.067079	0.0375244	15.5515	15.5515	0.0164764	27.9929	27.9929	0.141712	6.0291	6.0291	0.726631	1.49048	1.49049	0.667008	0.611286	-1.63589	0.759076	1.41877	1.41877	0.0597338	11.1986	11.1986	0.0149043	30.1063	30.1063	0.1037394	7.5614	7.5614	3.02195	61.8806	18.2018	1
cg07900024	DEFB116	0.0670803	0.0583243	0.312726	-3.20281	0.594778	0.746097	-1.33972	0.0244147	0.232445	4.30209	0.237895	0.5109342	-1.95947	0.0549922	0.137254	-7.28521	0.0656283	0.324946	-3.07745	0.523807	0.706413	-1.4156	0.415463	0.635983	-1.57281	0.0507796	0.297946	-3.35631	0.102193	14.3282	4.16752	1
cg16930980	SLC25A32;DCAF13;DCAF13	0.0670809	0.989213	0.997502	-1.0025	0.00992594	0.547387	-1.82686	0.557247	1.11608	0.618791	0.911371	-1.09725	0.0199135	1.75459	1.75459		0.578394	0.901348	-1.10945	0.957454	1.00992	1.00992	0.356764	1.19168	1.19168	0.248542	2.2029	2.2029	3.02192	1.63820	0.4819	1
cg26087535	ASGR1	0.0670837	0.1191	2.27492	2.27492	0.00759353	5.3035	5.3035	0.423413	1.4878	1.4878	0.568601	0.7557785	-1.32153	0.651659	1.24712		0.516976	1.37611	1.37611	0.500853	0.717481	-1.39376	0.00879417	0.0593	5.0593	0.6737572	1.22861	1.22861	3.02186	11.3007	3.32412	1
cg06906682	DDIT4	0.0670841	0.0130721	0.515528	-1.93976	0.795319	1.05755	1.05755	0.0268173	1.75859	1.75859	0.504759	0.86444	-1.15682	0.45774	1.17674	1.17674	0.856681	1.03967	1.03967	0.0962042	0.674922	-1.48165	0.182611	0.737561	-1.35582	0.483424	1.16566	1.16566	3.02186	2.21691	0.652111	1
cg02027904	TMEM132E	0.0670847	0.0463856	5.19334	5.19334	0.0996734	3.68233	3.68233	0.0970943	3.7097	3.7097	0.247876	2.38977	2.38977	0.215576	2.47163	2.47163	0.260752	2.33002	2.33002	0.0031136	18.4758	18.4758	0.353376	2.04707	2.04707	0.0459879	5.24951	5.24951	3.02185	24.8899	7.32147	1
cg02729214	CYFIP1;CYFIP1	0.067069	0.517653	1.16734	1.16734	0.122455	1.48415	1.48415	0.6987718	0.912335	-1.09609	0.83893	1.053124	-1.04918	0.981445	1.08425	-1.0935	0.0380262	1.76359	1.76359	0.0020818	2.62654	2.62654	0.793279	0.939927	-1.06391	0.704639	0.914668	1.03929	3.02181	1.63639	0.783398	1
cg06882971	GZF1	0.067088	0.103695	0.752691	-1.32821	0.0177834	1.58355	1.58355	0.117609	0.762547	-1.31139	0.394006	0.869998	-1.14943	0.444805	0.883159	-1.1323	0.122703	1.30575	1.30575	0.0803832	1.36257	1.36257	0.408925	0.873961	-1.14422	0.946875	0.989427	-1.01069	3.02179	1.21767	0.358189	1
cg15805162	ZNF682;ZNF682	0.0670889	0.61055	1.04969	1.04969	0.0107218	0.973736	-1.02713	0.113694	1.83202	-1.17645	0.132292	0.9083896	-1.10121	0.830804	1.08251	1.08251	0.0603196	1.83706	1.83706	0.122144	0.0627337	2.734641	-1.39966	0.102197	1.13899	1.13899	0.955461	1.09474	1.00529	0.021777	0.426666	0.125509	1
cg08285885	TTC23L	0.0670921	0.163913	0.832796	-1.20077	0.468799	0.913213	-1.09503	0.801861	0.969504	-1.03146	0.470583	0.9135571	-1.09462	0.954193	0.992969	-1.00708	0.144324	0.824348	-1.21308	0.54391	0.927128	-1.0786	0.0713523	0.956154	1.05232	1.55232	3.02171	0.726064	0.213584	1
cg07914282	CTRP2;CTRP2	0.0670922	0.666047	1.16599	1.16599	0.0196425	3.12625	3.12625	0.0615026	1.98074	1.98074	0.273644	1.4962	1.4962	0.0574938	0.662739	-2.31794	0.365163	1.30862	1.30862	0.107624	0.788047	-1.26838	0.561295	1.23091	1.23091	0.2112706	0.628635	-1.59075	0.02171	5.98681	1.76112	1
cg01035072	NAALADL2	0.0670927	7	7	7	0.0185181	0.476382	-2.09816	0.0516493	0.661841	-1.51093	7	7	0.2600133	1.38254	1.38254		0.253269	1.38991	1.38991	0.0234606	2.27377	2.27377	0.78927	1.07458	1.07458	0.419758	1.25127	1.25127	4.18605	3.40199	0.580443	1
cg07301505	PHK2A	0.0670932	0.0554926	0.318133	-3.14334	0.0494281	0.453402	-2.01856	7	7	0.622423	1.16822	1.16822	0.0923501	0.982053	0.982053	-1.01827	0.766188	0.910814	-1.09792	0.385447	0.756744	-1.32145	0.166984	1.58649	1.58649	0.598135	1.18131	1.18131	0.06192	4.22996	1.38147	1
cg02787146	LOC642597	0.0670938	0.0154426	0.315909	-3.16547	0.0342723	0.67369	-1.48436	0.0816242	0.498134	-2.00748	0.0168853	0.3525725	-2.83625	0.0283765	0.334528	-2.60059	0.216113	0.636601	-1.58564	0.484198	1.28219	1.28219	0.632236	0.845296	-1.18302	0.0554594	0.45357	-2.20473	1.59427	0.53321	1.21517	1
cg12412255	LPCAT1	0.067094	0.0276789	0.536825	-1.8628	0.707849	1.09413	1.09413	0.176812	0.709569	-1.40931	0.0464263	0.579766	-1.72483	0.00836867	0.447031	-2.23698	0.0470611	0.580936	-1.72136	0.979877	0.999991	-1.00605	0.47671	0.841209	-1.18877	0.137791	0.682555	-1.46508	3.02168	2.73308	0.803991	1
cg09562763	ATP1B2	0.0670944	0.0848754	5.689675	-1.68595	0.115339	1.60727	1.60727	0.3312121	1.32036	1.32036	0.2619325	0.899372	-1.11164	0.140214	0.644117	-1.55251	0.844296	1.05602	1.05602	0.0083506	0.939267	-2.54539	0.328689	1.3224	1.3224	0.242451	0.712415	-1.40368	0.02167	3.67715	0.68171	1
cg18369288	ADRA2B	0.0670946	0.3481047	2.2	2.2	0.0142918	2.145295	2.145295	0.715415	-1.39779	0.0317108	0.522597	-1.91352	0.141597	0.714242	-1.40008	0.00908288	0.498268	2.0256	2.0256		0.582859	1.12536	1.12536	0.0471785	0.6165577	-1.62186	0.216153	0.757949	-1.31935	0.187204	0.742564	-1.34668	0.02167	2.1696	0.638235	1
cg20842915	RALA	0.0670961	0.38399	0.751047	-1.33148	0.186539	0.638209	-1.56688	0.403863	0.760373	-1.31514	0.389606	1.32678	1.32678	0.363425	0.741144	-1.34927	0.0335356	0.450933	-2.21762	0.0125787	0.369624	-2.70545	0.0147795	0.382111	-2.61704	0.0949411	0.555141	-1.80134	0.12164	4.92239	1.44804	1
cg10078898	NDRG2;NDRG2;NDRG2	0.067098	0.599225	0.764143	-1.30866	0.4460967	3.18799	3.18799	0.0210028	4.08953	4.08953	0.0314484	5.50433	5.50433	0.4553561	0.678887	-1.473	0.307708	1.7085	1.7085	0.302131	1.71908	1.71908	0.0181741	2.48405	2.48405	0.42064	1.51794	1.51794	3.02161	12.3145	3.62266	1
cg06937351	ARHGEF10	0.0670981	0.1363863	0.8996	-1.11162	0.1766833	0.76518	-1.30678	0.2312292	1.21292	1.21292	0.2997219	1.08251	1.08251	0.5004303	1.05483	-1.14007	0.647976	0.873334	-1.14564	0.0830704	0.931992	-1.07356	0.6407	1.27661	1.27661	0.322742	1.35113	1.35113	3.02161	4.19413	1.22205	1
cg00296458	TMEM82	0.0670987	0.832091	0.934885	-1.06965	0.022768	2.37352	2.37352	0.12679	1.68835	1.68835	0.756234	1.10379	1.10379	0.0146442	0.385522	-2.59388	0.225608	0.667934	-1.49715	0.204805	1.52852	1.52852	0.931278	0.973018	-1.02773	0.594085	0.843172	-1.186	1.0216	4.81285	1.41584	1
cg17527673	SCARF2;SCARF2	0.0670992	0.109252	2.3309	2.3309	0.0367178	3.0498	3.0498	0.710707	1.18671	1.18671	0.453599	1.42017	1.42017	0.626962	0.33208	3.33208	0.043825	2.89953	2.89953	0.0070936	0.375043	4.78383	0.792805	2.36142	2.36142	0.204318	1.85053	1.85053	3.02159	10.1028	2.97204	1
cg07914962	ARHGAP25;ARHGAP25	0.0671002	0.0145383	0.49817	-2.27307	0.0342722	0.566866	-1.76491	0.0388166	0.708452	-1.41098	0.0855777	0.3570132	-2.80114	0.0255777	0.310132	-3.22705	0.208578	0.67606	-1.47906	0.0563053	0.415204	2.40853	0.73645	1.35797	0.0984257	0.738842	-1.35347	0.126157	3.56322	1.04944	1
cg09288470	ZNF292	0.0671007	0.818364	1.0849	1.0849	0.0256948	2.55661	2.55661	0.0274899	2.5186	2.5186	0.467141	1.29968	1.29968	0.0394125	0.429922	2.326	0.271533	1.666642	1.50005	0.415512	0.744656	-1.3429	0.267844	1.50515	1.50515	0.887539	0.951107	-1.05141	0.02156	6.00585	1.76681	1
cg23563866	14	0.067101	0.111893	0.787328	-1.27012	0.107089	0.734078	-1.27501	0.775772	1.04023	1.04023	0.537296	0.917341	-1.09011	0.0119932	0.648385	-1.54229	0.486121	1.10268	1.10268	0.367997	1.13008	1.13008	0.175094	0.978593	-1.02187	0.0133943	0.655061	-1.52658	3.02155	0.912889	0.268556	1
cg03997400	GRHL1	0.0671015	0.11603	1.3953	1.3953	0.317048	0.817337	-1.22349	0.36149	1.20073	1.20073	0.361691	1.20063	1.20063	0.0193494	0.576058	-1.73594	0.53635	0.885054	-1.12988	0.388351	1.18816	1.18816	0.199617	1.30248	1.30248	0.0248918	1.68304	1.68304	3.02155	1.81989	0.535383	1
cg02179977	C14orf45;ALDH6A1	0.0671021	0.0348166	0.598304	-1.67138	0.266366	0.614796	-1.62655	0.0536099	0.890706	-1.12303	0.634697	-1.57586	0.0850511	1.14206	1.14206		0.384588	1.45425	1.45425	0.973093	1.01195	1.01195	0.0927249	0.851574	1.24177	0.0210416	0.808473	1.64527	-2.17158	0.0202416	0.308473	3.24727	0.484428	1
cg05173987	C15orf38	0.0671044	0.118688	0.585908	-1.70675	0.0644768	1.92627	1.92627	0.941058	1.02361	1.02361	0.601252	1.18108	1.18108	0.0155048	0.381246	-2.62298	0.999758	1.0001	1.0001	0.043798	0.681223	-2.07802	0.088093	0.995301	-1.00472	0.117525	0.584749	-1.71014	3.02149	0.7474	1.40252	1
cg16440963	WWTR1;WWTR1;WWTR1	0.0671045	0.1644	1.3	1.3	0.0183811	0.577	1.2777	0.2638861	1.5747	1.5747	0.0005244	1.73782	1.73782	0.0001407	0.342466	2.9197	0.075297	1.30257	1.30257	0.0054483	0.405403	-1.46668	0.0037704	0.931992	-1.07356	0.0098916	0.355513	1.49143	1.49143	3.02148	6.05858	1.62453	1
cg13405631	PNPLA1;PNPLA1;PNPLA1	0.0671065	0.247394	0.758156	-1.35473	0.0111002	2.22408	2.22408	0.0388134	0.548502	-1.82315	0.545495	0.857626	-1.16601	0.986363	0.995719	-1.0043	0.163844	1.45204	1.45204	0.174905	1.43649	1.43649	0.654059	0.892941	-1.11989	0.379095	0.797302	-1.25423	0.02146	3.01561	0.887169	1
cg08345614	UCKL1AS;UCKL1	0.0671078	0.18256	0.829403	-1.20554	0.1555	0.818043	-1.22243	0.083948	1.28751	1.28751	0.470653	0.907574	-1.10184	0.0277953	0.709181	-1.41008	0.0125838	0.663616	-1.5069	0.208328	0.839215	-1.19159	0.591367	0.930888	-1.07424	0.580191	1.07662	1.07662	3.02143	0.835632	0.245838	1
cg09977847	XKCD1	0.0671081	0.6934905	1.0449	1.0449	0.0276353	0.643953	-1.55332	0.0441918	0.870555	1.14886	0.0236616	1.134793	1.44878	0.0001227	0.244872	-4.08408	0.73504	1.36049	1.36049	0.0063103	1.51166	1.51166	0.0155225	0.0995269	0.19834	0.0196878	0.101687	1.84784	1.84784	3.02142	14.7654	4.3439	1
cg05175803	CDC2;CDB2	0.06711	0.0764992	0.478559	-2.08961	0.235623	0.628221	-1.5918	0.120679	0.532858	-1.87667	0.383549	0.71592	-1.3968	0.0306331	0.386782	-2.58544	0.237811	0.629711	-1.58803	0.172706	1.72074	1.72074	0.0413548	2.38466	2.38466	0.7449	1.12988	1.12988	3.02139	6.69374	1.36929	1
cg04948079	RTN4R1	0.067112	0.0215378	0.508863	-1.96548	0.0475049	0.268343	-3.45253	0.0134535	0.242195	-4.13475	0.0744393	0.3218807	-3.10684	0.0178883	0.323004	-3.09552	0.102205	0.645476	-1.5488	0.0831555	0.664054	-1.50529	0.0134535	0.683337	-1.46355	0.0204731	0.533372	-1.87509	0.915998	2.09171	0.34266	0.841809	1
cg08750028	RNF41;RNF41;RNF41	0.0671126	0.478552	0.827903	-1.20787	0.0319187	3.16271	3.16271	0.621353	1.13942	1.13942	0.262151	1.35485	1.35485	0.249759	1.37069	1.37069	0.389125	1.26031	1.26031	0.631571	1.13502	1.13502	0.248145	1.2721	1.3723	0.0548269	1.76987	1.76987	3.02135	1.28831	0.967432	1
cg09456329	TMEM146;LONP1	0.0671147	0.381967	0.882821	-1.13273	0.0225423	1.46189	1.46189	0.178622	1.21973	1.21973	0.447722	1.11355	1.11355	0.930575	0.987961	-1.01219	0.0138939	0.655434	-1.52571	0.281362	0.85588	-1.16839	0.423364	1.12037	1.12037	0.31813	1.15422	1.15422	3.02131	0.924505	0.271996	1
cg09390001	KIAA1024	0.0671152	0.213584	1.0	1.0	0.0129727	0.979184	-1.00381	0.0028183	0.527876	1.36216	0.62793	0.93936	-1.06481	0.0276195	0.778803	-1.28433	0.104567	1.24376	1.24376	0.0174455	0.634879	1.57476	0.0134353	0.683337	-1.46355	0.0204731	0.533372	-1.87509	2.09171	0.34266	0.841809	1
cg26688527	LHX8	0.0671159	0.953442	0.968503	-1.03252	0.825966	2.12829	2.12829	0.104096	0.377556	-2.64861	0.732768	0.828726	-1.20607	0.0107029	0.331772	-3.01958	0.268663	0.530423	-1.88529	0.127267	0.640963	-2.46936	0.00699815	0.765306	0.675006	0.941063	0.96208	-1.04136	0.12129	14.377	4.22985	1
cg20455831	TBCA	0.067116	0.306699	0.743597	-1.34497	0.0127207	0.566866	-1.76491	0.381791	1.1855	1.1855	0.0674747	1.18454	1.18454	0.0963302	0.552626	-1.80977	0.397357	1.07037	-1.32094	0.647216	0.837507	-1.19454	0.0382925	0.646251	-1.54803	0.0155508	0.285794	0.738842	-1.35347	0.126157	3.56322	1.04944	1
cg09288470	ZNF292	0.0671007	0.818364	1.0849	1.0849	0.0256948	2.55661	2.55661	0.0274899	2.5186	2.5186	0.467141	1.29968	1.29968	0.0394125	0.429922	2.326	0.271533	1.666642	1.50005	0.415512	0.744656	-1.3429	0.267844	1.50515	1.50515	0.887539	0.951107	-1.05141	0.02156	6.00585	1.76681	1
cg09390001	KIAA1024	0.0671152	0.213584	1.0	1.0	0.0129727	0.979184	-1.00381	0.0028183	0.527876	1.36216	0.62793	0.93936	-1.06481	0.0276195	0.778803	-1.28433	0.104567	1.24376	1.24376	0.0174455	0.634879	1.57476	0.0134353	0.683337	-1.46355	0.0204731	0.533372	-1.87509	2.09171	0.34266	0.841809	1
cg26688527	LHX8	0.0671159	0.953442	0.968503	-1.03252	0.825966	2.12829	2.12829	0.104096	0.377556	-2.64861	0.732768	0.828726	-1.20607	0.0107029	0.331772	-3.01958	0.268663	0.530423	-1.88529	0.127267	0.640963	-2.46936	0.00699815	0.765306	0.675006	0.941063	0.96208	-1.04136	0.12129	14.377	4.22985	1
cg20455831	TBCA	0.067116	0.306699	0.743597	-1.34497	0.0127207	0.566866	-1.76491	0.381791	1.1855	1.1855	0.0674747	1.18454	1.18454	0.0963302	0.552626	-1.80977	0.397357	1.07037	-1.32094	0.647216	0.837507	-1.19454	0.0382925	0.646251	-1.54803	0.0155508	0.285794	0.738842	-1.35347	0.126157	3.56322	1.04944	1
cg26901920	SUV39H1	0.0671166	0.0082264	0.204011	-4.9017	0.0131524	0.235566	-4.2451	0.0457018	0.340529	-2.93661	0.276563	0.587382	-1.70247	0.159985	0.493629	-2.02581	0.307025	0.608194	-1.64421	0.874236	1.07733	1.07733	0.85147	0.915629	-1.09215	0.665341	1.22703	1.22703	0.02128	10.5808	3.11298	1
cg14277567	HIP1R	0.0671166	0.779923	1.1599	1.1599	0.0208124	2.31501	2.31501	0.40952	1.14036	1.14036	0.714546	1.38598	1.38598	0.0192188	0.34839	-2.87033	0.020965	1.61511	1.61511	0.0597047	5.3238	5.3238	0.154555	2.73677	2.73677	0.0122127	0.4878	0.4878	3.02127	19.4273	5.67988	1
cg10027513	COG7	0.067116	0.315047	0.70498	-1.41878	0.1826201	1.13065	1.13065	0.0914134	1.31611	1.31611	0.0618631	1.19827	1.19827	0.0411301	0.834621	-1.19798	0.831255	1.08545	1.08545	0.0146409	1.23841	1.23841	0.163714	1.13772	1.13772	0.0234477	0.790613	1.26484	3.02126	6.06222	0.106099	1
cg24300135	CHMP4B;CHMP4B	0.0671236	0.0824361	0.541399	-1.84707	0.145568	1.64615	1.64615	0.162052	1.60992	1.60992	0.0457803	0.481733	-2.07584	0.103496	1.76466	1.76466	0.341456	0.731498	-1.36706	0.0621177	0.511759	-1.95404	0.827676	1.07201	1.07201	0.361895	1.34841	1.34841	3.02115	0.486798	1.43227	1
cg06935856	DNAH2	0.0671281	0.1844	1.3	1.3	0.0166136	0.543773	1.5681	0.1175051	1.84768	1.84768	0.0175001	1.84768	1.84768	0.0027504	0.287702	-3.47814	0.0760167	1.24775	1.24775	0.0462906	1.44314	1.44314	0.0276566	1.14955	1.14955	0.0126796	0.870063	1.76027	1.76027	0.737563	0.09184	1.02107	1
cg03523099	RGFGF2;FGF2;FGF2;FGF2;FGF2;FGF2	0.0671297	0.503007	1.0982	1.0982	0.455168	0.900707	-1.11024	0.576355	1.0869	1.0869	0.125172	1.25631	1.25631	0.00774001	0.624835	-1.60042	0.231662	1.18823	1.18823	0.0380099	1.39192	1.39192	0.901156	0.983918	-1.01635	0.649882	1.06484	1.06484	3.02104	0.904287	0.260271	1
cg26810925	NAP1L1;NAP1L1	0.0671307	0.848894	0.947286	-1.05565	0.00750438	0.376433	-2.65651	0.00688253	0.370325	-2.70033	0.573736	1.17513	1.17513	0.752987	1.09377	1.09377	0.346072	0.759196	-1.31718	0.937861	1.02238	1.02238	0.430893	0.795923	-1.2564	0.237134	0.703536	-1.42139	3.02102	3.85674	1.13479	1
cg06963844	FBXO6;FBXO6	0.0671335	0.0585415	0.451179	-2.21642	0.741507	2.1312	2.1312	0.127267	1.84811	1.84811	0.647942	0.842642	-1.18677	0.0178274	0.313071	-3.19253	0.196504	0.636601	-1.58564	0.484198	1.28219	1.28219	0.632236	0.845296	-1.18302	0.0554594	0.45357	-2.20473	1.59427	0.53321	1.21517	1
cg07118243	CCDC41;CDC41;LOC144486	0.0671345	0.1685843	0.797931	-1.25334	0.0253638	0.648338	-1.54282	0.0738162	0.837197	-1.19507	0.130928	0.6849709	-1.46007	0.0178274	0.313071	-3.19253	0.196504	0.636601	-1.58564	0.484198	1.28219	1.28219	0.632236	0.845296	-1.18302	0.0554594	0.45357	-2.20473	1.59427	0.53321	1.21517	1
cg27180268	DDX52;DDX52	0.0671358	0.0430882	0.750349	-1.33271	0.0151438	0.314554	1.31454	0.350919	0.888272	-1.12578	0.0258354	0.7214	-1.38619	0.341115	0.885992	-1.12868	0.481858	1.09223	1.09223	0.0524096	0.761694	-1.31286	0.258327	0.864548	-1.15667	0.98015	1.00308	1.00308	0.00393	0.728611	0.214389	1
cg24814641	ALX1	0.0671361	0.4563636	0.609547	-1.49355	0.663383	1.24759	1.24759	0.533249	1.09208	1.09208	0.842897	-1.18638	0.753777	0.831114	-1.2032		0.606021	0.768893	1.30057	0.639391	0.987903	-1.28109	0.0962394	0.914641	1.10441	0.714185	1.04019	1.20419	0.02091	12.3779	3.53211	1
cg09287356	LOC121952	0.0671382	0.98035	1.01184	1.01184	0.00779705	0.51359	0.513359	0.326948	0.616634	-1.62171	0.892131	1.06696	1.06696	0.0218956	0.626877	-1.59606	0.768078	1.86825	1.86825	-1.15174	0.430765	1.168	1.168	0.0475345	0.917069	1.09907	1.09907	0.0003	3.02089	0.10199	3.21315	1
cg18994566	ZFYVE21	0.0671397	0.0133336	0.259225	-3.85765	0.667863	0.826884	-1.20936	0.0145744	3.76184	3.76184	0.766073	1.18157	1.18157	0.382197	1.48387	1.48387	0.19784	0.549147	-1.82101	0.811624	1.11087	1.11087	0.322805	1.5679	1.5679	0.508317	0.744155	-1.34381	0.02086	9.27807	2.73007	1
cg00030891	HIP1R	0.067144	0.7649	1.1	1.1	0.0225598	2.31501	2.31501	0.40952	1.14036	1.14036	0.714546	1.38598	1.38598	0.0192188	0.34839	-2.87033	0.020965	1.61511	1.61511	0.0597047	5.3238	5.3238	0.154555	2.73677	2.73677	0.0122127	0.4878	0.4878	3.02127	19.4273	5.67988	1
cg00634606	RUFY4	0.0671409	0.0441951	0.543702	-1.83924	0.499166	1.19822	1.19822	0.0205091	0.47911	-2.0872	0.925111	0.975522	-1.02505	0.0152123	0.455736	-2.19426	0.218597	0.710994	-1.40648	0.101698	0.623573	-1.60366	0.583695	0.864264	-1.15705	0.333139	0.30103	1.30103	0.02084	3.32432	0.978188	1
cg12941621	HAT1;HAT1	0.0671423	0.243846	0.75211	-1.33	0.191946	0.720932	-1.38693	0.2562861	1.37561	1.37561	0.216104	1.58682	1.58682	0.0135571	0.630953	-1.58504	0.452654	1.18546	1.18546	0.453573	0.84457	-1.18403	0.0167253	0.777394	-1.28543	0.0163778	0.475424	2.10266	3.02095	0.846798	0.244822	1
cg22102278	TXNDC17;KIAA0753;KIAA0753	0.0671413	0.123631	0.644608	-1.55133	0.0251678	0.01598	2.01598	0.0393159	0.533751	-1.87353	0.0463256	0.54827	-1.82392	0.700698	0.903304	-1.10705	0.243375	0.725121	-1.37908	0.738438	1.09225	1.09225	0.324784	1.30701	1.30701	0.415201	0.803089	-1.24519	0.02083	3.31702	0.976042	1
cg17554896	SM

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23478349	C15orf39	0.0672144	0.472365	0.763047	-1.31054	0.0443415	2.35021	2.35021	0.538139	1.25938	1.25938	0.77102	1.11401	1.11401	0.0282241	0.383441	-2.60796
cg00501006	SNORD115-29;SNORD115-11;SNORD115-43;SNORD115-36	0.0672152	0.13145	0.325384	-3.07329	0.0440465	0.202849	-4.92978	0.548711	0.658112	-1.5195	0.234158	0.423204	-2.36293	0.0293813	0.170494	-5.86532
cg15532408	WDR86	0.0672153	0.577929	0.835415	-1.19701	0.0085641	2.92411	2.92411	0.0338585	2.20907	2.20907	0.235732	0.67197	-1.48816	0.323375	0.72157	-1.38587
cg04781796	GABRD	0.0672192	0.299005	1.31409	1.31409	0.0960633	1.59683	1.59683	0.0350597	1.88681	1.88681	0.958904	1.01309	1.01309	0.00837414	0.412921	-2.42177
cg10167478	C15orf44;C15orf44	0.0672209	0.686403	1.07416	1.07416	0.0138197	1.70965	1.70965	0.15507	1.3076	1.3076	0.0462929	0.668736	-1.49536	0.788194	1.0486	1.0486
cg13925773	DUSP19;DUSP19	0.0672217	0.891226	0.962309	-1.03917	0.0140335	2.34342	2.34342	0.0146605	2.32506	2.32506	0.734921	1.10013	1.10013	0.123177	0.625669	-1.59829
cg26727693	AVPR1A	0.0672221	0.216422	2.50311	2.50311	0.931769	1.06227	1.06227	0.0159062	8.02704	8.02704	0.994635	1.00475	1.00475	0.490763	0.610346	-1.63841
cg13792007	LUZP1;LUZP1	0.067227	0.933642	1.02615	1.02615	0.0057007	0.325041	-3.07654	0.0170269	0.405827	-2.4641	0.323733	0.729117	-1.37152	0.036669	0.471177	-2.12235
cg08248577	IQCK;C16orf88	0.067227	0.0143851	0.19522	-5.12244	0.256634	0.526706	-1.89859	0.249088	0.520843	-1.91997	0.0724348	0.337764	-2.96065	0.016327	0.203962	-4.90288
cg27378029	PXT1;KCTD20	0.0672279	0.576645	0.94693	-1.05604	0.00356125	1.46493	1.46493	0.0257487	1.29181	1.29181	0.279902	1.11472	1.11472	0.8172	0.977863	-1.02264
cg12432580	CNTNAP1	0.067228	0.279295	2.16866	2.16866	0.00678293	11.1858	11.1858	0.00485517	13.069	13.069	0.574761	1.47716	1.47716	0.420299	1.76234	1.76234
cg15809633	F7;F7	0.0672288	0.0363207	0.427974	-2.33659	0.492367	0.784143	-1.27528	0.14522	0.579554	-1.72546	0.440759	0.760209	-1.31543	0.0535917	0.465605	-2.14774
cg12810233	GFI1;GFI1;GFI1	0.0672295	0.536529	0.774709	-1.29081	0.62419	1.2231	1.2231	0.238333	1.6549	1.6549	0.46538	0.738587	-1.35394	0.828	1.0928	1.0928
cg00508975	LRRC3B	0.06723	0.0567414	5.36978	5.36978	0.00945525	12.9785	12.9785	0.0641034	5.06154	5.06154	0.117103	3.7688	3.7688	0.119182	3.73602	3.73602
cg01055386	TMEM132C	0.0672302	0.108525	0.590949	-1.69219	0.0066704	2.87956	2.87956	0.0814124	1.78675	1.78675	0.101339	1.71438	1.71438	0.995331	0.998243	-1.00176
cg10084110	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.0672349	0.192393	0.889499	-1.12423	0.269746	1.10245	1.10245	0.237811	1.11065	1.11065	0.298634	1.09574	1.09574	0.10329	1.16326	1.16326
cg14168993	RTN1;RTN1	0.0672363	0.500366	0.800769	-1.2488	0.00593083	0.310712	-3.21842	0.0370202	0.45539	-2.19592	0.850576	0.940584	-1.06317	0.0722407	0.521197	-1.91866
cg04659729	VARS	0.0672368	0.773501	0.930866	-1.07427	0.827872	0.947374	-1.05555	0.503506	1.18359	1.18359	0.805848	0.940694	-1.06304	0.0416507	0.558188	-1.79151
cg11041835	GULP1	0.0672372	?	?	?	0.784371	1.22516	1.22516	0.818641	0.843664	-1.18531	?	?	?	0.00617152	0.0534925	-18.6942
cg19005763	ABHD6	0.0672378	0.751018	0.910422	-1.09839	0.00255503	3.43383	3.43383	0.382645	0.768012	-1.30206	0.473806	0.806724	-1.23958	0.57429	0.845919	-1.18215
cg26333837	NEUROG3	0.0672382	0.626221	1.10638	1.10638	0.390291	0.834173	-1.19879	0.304132	0.803158	-1.24509	0.0473986	1.5955	1.5955	0.984396	0.99598	-1.00404
cg03000711	MIR548A1	0.0672402	0.763804	0.902727	-1.10775	0.139075	0.582367	-1.71713	0.122506	0.566495	-1.76524	0.986852	1.00561	1.00561	0.00145775	0.209892	-4.76436
cg14950344	NSF	0.0672404	0.130373	0.43958	-2.2749	0.00583624	0.162666	-6.14758	0.236333	0.535639	-1.86693	0.942843	1.03673	1.03673	0.0521009	0.329019	-3.03934
cg13613388	NSF	0.0672419	0.334947	1.5228	1.5228	0.58782	1.26042	1.26042	0.230927	1.70147	1.70147	0.0488932	2.58873	2.58873	0.535006	1.30437	1.30437
cg10038087	TLL2;TLL2	0.0672442	0.257453	0.896013	-1.11606	0.0419493	0.804296	-1.24332	0.737733	1.03172	1.03172	0.877886	1.01439	1.01439	0.0788817	0.83419	-1.19877
cg25014247	KDM2B;KDM2B	0.067245	0.101305	1.28082	1.28082	0.697717	1.05532	1.05532	0.116513	1.26525	1.26525	0.308341	0.864633	-1.15656	0.099858	1.28242	1.28242
cg15561201	NIPAL3	0.0672461	0.182253	0.820333	-1.21902	0.100781	0.777672	-1.28589	0.49268	0.907127	-1.10238	0.254095	0.846536	-1.18128	0.218915	0.834532	-1.19828
cg05029983	NAT8L	0.0672463	0.857065	0.922576	-1.08392	0.14799	2.00111	2.00111	0.211668	1.80059	1.80059	0.318958	1.58467	1.58467	0.0944065	0.43963	-2.27464
cg14611683	EIF2B3;EIF2B3	0.0672496	0.462498	1.32695	1.32695	0.0782084	2.09604	2.09604	0.0148977	3.10377	3.10377	0.630193	1.20139	1.20139	0.149781	0.557638	-1.79328
cg23207202	TRIM62	0.0672497	0.398611	0.840768	-1.18939	0.034794	0.610318	-1.63849	0.177429	0.750008	-1.33332	0.962962	1.00936	1.00936	0.033789	1.6445	1.6445
cg25652610	TNFAIP8L1;TNFAIP8L1	0.0672527	0.981279	1.00673	1.00673	0.0569585	1.85132	1.85132	0.118281	1.62398	1.62398	0.10954	0.607239	-1.6468	0.606806	0.862067	-1.16
cg13465723	BAT2	0.0672528	0.44848	1.42807	1.42807	0.00861439	4.68959	4.68959	0.0741568	2.50411	2.50411	0.702655	1.19355	1.19355	0.0623264	0.379889	-2.63235
cg00760203	PLXDC1	0.0672529	0.0166155	0.231946	-4.31134	0.799216	0.880438	-1.1358	0.184458	0.494966	-2.02034	0.175697	0.487078	-2.05306	0.0103314	0.199071	-5.02335
cg10963398	OTOP3	0.0672531	0.0708524	0.651465	-1.535	0.00798719	0.485844	-2.05827	0.270593	0.783843	-1.27577	0.284031	0.789543	-1.26656	0.0660167	0.645402	-1.54942
cg06659580	STBD1	0.0672539	0.270335	1.68854	1.68854	0.898024	1.05989	1.05989	0.474831	0.718554	-1.39168	0.0619813	2.6412	2.6412	0.0306224	0.306664	-3.2609
cg06113001	GLYCAM1	0.0672544	0.192534	0.45391	-2.20308	0.00984045	0.154363	-6.47822	0.0263038	0.221131	-4.52221	0.647201	1.30197	1.30197	0.0308295	0.234063	-4.27236
cg16016960	MATN2;MATN2	0.0672562	0.146338	0.339729	-2.94352	0.956107	0.962607	-1.03885	0.324468	0.49434	-2.0229	0.495945	0.619603	-1.61394	0.00402257	0.068868	-14.5205
cg23783444	GPER;C7orf50;GPER;C7orf50;C7orf50;GPER	0.0672562	0.240481	0.723297	-1.38256	0.445925	1.22728	1.22728	0.836277	1.05606	1.05606	0.102329	0.624219	-1.602	0.020189	0.477861	-2.09266
cg07890233	CACNA1H;CACNA1H	0.0672564	0.68684	0.914159	-1.0939	0.846545	0.958	-1.04384	0.0508702	0.611043	-1.63655	0.498845	0.858954	-1.16421	0.225487	0.754354	-1.32564
cg13558899	MSI2;MSI2	0.0672572	0.0266065	0.22322	-4.47988	0.0238955	0.214798	-4.65553	0.158428	0.423005	-2.36404	0.418549	0.623937	-1.60273	0.0105333	0.159369	-6.27476
cg03885055	C1orf144;C1orf144	0.0672574	0.67125	0.821023	-1.21799	0.0541175	2.74481	2.74481	0.0736279	2.51236	2.51236	0.116777	0.45515	-2.19708	0.0304854	0.308959	-3.23667
cg07121795	NECAP2;NECAP2;NECAP2	0.0672578	0.0260399	0.277039	-3.6096	0.919043	1.05065	1.05065	0.964244	1.02202	1.02202	0.283506	0.58188	-1.71857	0.0158949	0.238078	-4.20031
cg09501372	C20orf117;C20orf117	0.0672581	0.0656129	0.539665	-1.853	0.450461	0.794892	-1.25803	0.66169	0.876827	-1.14048	0.268355	1.41081	1.41081	0.656007	1.1432	1.1432
cg11616237	C1QTNF2	0.0672594	0.0444279	0.574527	-1.74056	0.236246	1.34712	1.34712	0.1854	1.40095	1.40095	0.0455825	1.73392	1.73392	0.0443439	0.574365	-1.74105
cg23324259	SNX16;SNX16;SNX16;SNX16;SNX16;SN 16	0.0672595	0.174158	1.48446	1.48446	0.445991	1.2365	1.2365	0.308821	1.33352	1.33352	0.146935	0.653528	-1.53016	0.409649	1.25913	1.25913
cg09418511	KCNK18	0.0672606	0.638039	0.879041	-1.1376	0.499922	0.830013	-1.2048	0.152475	0.659028	-1.51739	0.00527358	0.36759	-2.72042	0.434994	0.805159	-1.24199
cg24334790	ARL5A;ARL5A;ARL5A	0.0672625	0.336476	0.810735	-1.23345	0.0216165	1.79315	1.79315	0.132759	1.40975	1.40975	0.338558	1.23227	1.23227	0.204497	1.32773	1.32773
cg02395779	ZBTB11;LOC100009676	0.0672657	0.0179186	0.226935	-4.40655	0.0325958	0.275464	-3.63024	0.168697	0.469519	-2.12984	0.439184	1.5019	1.5019	0.0365724	0.285832	-3.49855
cg03449406	CFL2;CFL2;CFL2;CFL2;CFL2	0.0672661	0.478474	0.924029	-1.08222	0.0512302	1.27561	1.27561	0.0471184	1.28289	1.28289	0.0113439	1.41567	1.41567	0.317735	0.892934	-1.1199
cg21484834	PTK6	0.067267	0.742226	0.949797	-1.05286	0.56515	1.09499	1.09499	0.970066	0.994161	-1.00587	0.774286	0.956122	-1.04589	0.0069686	0.580006	-1.72412
cg10756647	PSPH	0.0672678	0.605653	1.10888	1.10888	0.0306511	1.65522	1.65522	0.00241497	2.31284	2.31284	0.199815	1.30838	1.30838	0.422834	1.17641	1.17641
cg02247463	LRRC27;LRRC27;LRRC27;LRRC27	0.067269	0.108279	2.025	2.025	0.0918868	2.11127	2.11127	0.0329135	0.366132	-2.73125	0.359193	1.4618	1.4618	0.0429867	2.55456	2.55456
cg24185443	CCDC151	0.0672692	0.119478	2.63774	2.63774	0.371713	1.69305	1.69305	0.0437497	3.78382	3.78382	0.431879	0.630959	-1.58489	0.569224	0.718738	-1.39133
cg13487476	SRGAP2;SRGAP2;SRGAP2	0.067271	0.265005	1.36094	1.36094	0.106376	0.626394	-1.59644	0.0828514	0.600792	-1.66447	0.616805	0.874733	-1.14321	0.122468	0.641454	-1.55896
cg02553284	COL2A1;COL2A1	0.0672723	0.396962	1.20457	1.20457	0.172361	1.36571	1.36571	0.104272	1.46386	1.46386	0.0851738	0.664713	-1.50441	0.0305308	0.579595	-1.72534
cg16821446	SLITRK5	0.0672747	0.165257	0.70776	-1.41291	0.109965	0.665733	-1.5021	0.0178964	0.510667	-1.95822	0.900716	0.971274	-1.02958	0.183171	0.719049	-1.39073
cg27648056	KCNN1	0.0672761	0.0428417	0.302037	-3.31085	0.899296	1.06719	1.06719	0.0502744	0.317847	-3.14616	0.0107627	0.192875	-5.18469	0.0423626	0.300955	-3.32275
cg00748978	DGKD;DGKD	0.0672763	0.336256	0.633017	-1.57974	0.0219873	0.281641	-3.55062	0.0485989	0.353845	-2.8261	0.12094	0.460439	-2.17184	0.0664314	0.387007	-2.58394
cg01510051	ZNF542;ZNF542;ZNF542;ZNF542	0.0672763	0.271409	0.673249	-1.48533	0.0616072	2.06993	2.06993	0.108258	1.8321	1.8321	0.690436	0.870811	-1.14836	0.160977	0.596079	-1.67763
cg04014306	AZI1;AZI1	0.0672769	0.00215855	2.53028	2.53028	0.536169	1.14458	1.14458	0.541929	1.14235	1.14235	0.180613	1.3586	1.3586	0.879017	1.03338	1.03338
cg22115977	AGBL5;AGBL5	0.067277	0.497667	0.743484	-1.34502	0.444978	1.39824	1.39824	0.035196	0.347796	-2.87525	0.0696446	0.417477	-2.39534	0.0567503	0.3952	-2.53036
cg09238598	ANKH	0.0672782	0.039378	0.729352	-1.37108	0.495968	1.09586	1.09586	0.919246	0.986661	-1.01352	0.659984	1.06038	1.06038	0.0600106	1.32438	1.32438
cg17733616	SLC16A5	0.0672787	0.0778326	7.84464	7.84464	0.069644	8.43804	8.43804	0.153865	4.9766	4.9766	0.24211	3.62135	3.62135	0.197016	4.19379	4.19379
cg11726572	TYMS;C18orf56	0.0672788	0.00333287	0.388582	-2.57346	0.285593	0.769225	-1.30001	0.608844	0.88506	-1.12987	0.115117	0.666788	-1.49973	0.019855	0.514158	-1.94493
cg20801783	D2HGDH	0.0672788	0.555899	1.08997	1.08997	0.107731	0.775802	-1.28899	0.897304	1.01885	1.01885	0.303523	1.16664	1.16664	0.532914	1.09564	1.09564
cg26950898	GPSM3;NOTCH4	0.0672794	0.603921	1.05488	1.05488	0.575252	1.0595	1.0595	0.119163	0.841431	-1.18845	0.224929	1.13897	1.13897	0.0773491	1.22197	1.22197
cg22673275	C3orf17;C3orf17;C3orf17	0.0672795	0.0988163	0.783645	-1.27609	0.115263	1.25944	1.25944	0.724051	0.953372	-1.04891	0.662882	1.06087	1.06087	0.119394	0.796406	-1.25564
cg21377260	MAD1L1;MAD1L1;MAD1L1	0.0672803	0.714826	0.774062	-1.29189	0.0306551	5.88364	5.88364	0.055949	4.53181	4.53181	0.766213	0.812129	-1.23133	0.00860594	0.0964821	-10.3646
cg05008975	SCN4B;SCN4B	0.0672809	0.806689	0.932176	-1.07276	0.0362754	2.00853	2.00853	0.0141402	2.38084	2.38084	0.614756	0.864693	-1.15648	0.861681	1.05123	1.05123
cg04202802	SYNGAP1	0.0672813	0.802603	1.03523	1.03523	0.00911467	0.632571	-1.58085	0.0979082	0.778026	-1.2853	0.772367	0.960697	-1.04091	0.0189988	0.675317	-1.48079
cg12275661	ITGB1;ITGB1;ITGB1	0.0672829	0.100687	0.740822	-1.34985	0.0819832	0.725028	-1.37926	0.0753748	1.3914	1.3914	0.890336	0.977245	-1.02328	0.140963	1.30238	1.30238
cg09818520	VPS72;VPS72	0.0672833	0.792304	0.773823	-1.29229	?	?	?	?	?	?	0.088764	0.109045	-9.17054	0.784947	0.766554	-1.30454
cg11266407	CDH22	0.0672841	0.0114651	0.430433	-2.32324	0.062492	0.571955	-1.74839	0.0862086	0.603397	-1.65728	0.54302	0.84868	-1.1783	0.0506302	0.552365	-1.8104
cg06401027	NECAP1;NECAP1	0.0672867	0.65319	1.13189	1.13189	0.0297972	2.01449	2.01449	0.00297774	3.05326	3.05326	0.457189	1.23045	1.23045	0.0521295	1.83141	1.83141
cg17492316	RPRM;RPRM	0.067287	0.379987	0.802083	-1.24675	0.310927	1.29271	1.29271	0.54215	1.16312	1.16312	0.417589	0.81639	-1.2249	0.0158391	0.484926	-2.06217
cg16088251	ADK;ADK	0.067287	0.663404	0.808035	-1.23757	0.835404	1.10657	1.10657	0.667198	0.810129	-1.23437	0.164534	0.485862	-2.0582	?	?	?
cg25338454	ITPR2	0.0672878	0.0243534	0.195488	-5.11541	0.070348	0.292162	-3.42276	0.0857587	0.315015	-3.17445	0.516281	0.67009	-1.49234	0.0225539	0.189834	-5.26776
cg05308900	AMDHD1;CCDC38	0.0672882	0.0436364	0.395572	-2.52798	0.797755	1.10813	1.10813	0.226562	0.601909	-1.66138	0.170152	0.557593	-1.79342	0.731038	0.871132	-1.14793
cg14354881	RAP1GAP2;RAP1GAP2	0.0672889	0.787902	0.95985	-1.04183	0.0835345	1.33787	1.33787	0.0410169	0.698833	-1.43096	0.305738	0.851158	-1.17487	0.137464	0.784199	-1.27519
cg25428297	CYP2W1;CYP2W1	0.0672889	0.15815	0.583595	-1.71352	0.31235	1.45212	1.45212	0.777645	1.10633	1.10633	0.121756	0.549509	-1.81981	0.291587	0.67665	-1.47787
cg24082730	KLF15	0.0672889	0.0496201	0.777853	-1.28559	0.0698383	1.25531	1.25531	0.0799439	1.24349	1.24349	0.239742	0.871035	-1.14806	0.422939	0.912285	-1.09615
cg00997234	C6orf147	0.0672897	0.0289048	0.711096	-1.40628	0.738844	0.956683	-1.04528	0.187813	0.831325	-1.2029	0.515178	0.916363	-1.09127	0.0276485	0.708487	-1.41146
cg13128052	SLC37A1	0.0672897	0.246055	0.78741	-1.26999	0.646563	1.09523	1.09523	0.441559	0.856755	-1.1672	0.470474	1.15563	1.15563	0.00494377	0.480296	-2.08205
cg20718214	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.0672907	0.0916867	0.41923	-2.38532	0.0705469	0.388247	-2.57568	0.0440633	2.95369	2.95369	0.110993	0.443594	-2.25432	0.101469	0.431955	-2.31506
cg24616138	CTBP2;CTBP2	0.067293	0.0777361	0.546359	-1.8303	0.544775	0.827793	-1.20803	0.0979221	1.75035	1.75035	0.878914	1.04813	1.04813	0.29545	1.39729	1.39729
cg08339208	SIKE1;SIKE1	0.0672941	0.70586	1.0719	1.0719	0.521028	1.12651	1.12651	0.514683	1.12862	1.12862	0.800711	0.954737	-1.04741	0.0484627	1.51112	1.51112
cg13455439	ANO1;ANO1	0.0672942	0.240868	1.44831	1.44831	0.0470212	1.98529	1.98529	0.294166	0.72019	-1.38852	0.603757	1.17111	1.17111	0.0468507	1.98664	1.98664
cg16470963	ZUFSP	0.0672942	0.0322509	0.661483	-1.51175	0.542554	0.903403	-1.10693	0.0210666	0.633018	-1.57973	0.240137	0.816529	-1.2247	0.00742812	0.566517	-1.76517
cg09456388	GOLGA4;GOLGA4	0.067296	0.00946509	0.594324	-1.68258	0.774243	0.955511	-1.04656	0.953905	1.00919	1.00919	0.951035	0.990329	-1.00977	0.0302007	0.668106	-1.49677
cg01284595	ZFAND3	0.0672977	0.342677	1.55309	1.55309	0.0636285	0.390994	-2.55759	0.00942374	0.227178	-4.40184	0.361812	1.52519	1.52519	0.703424	1.18797	1.18797
cg20736065	MSI2;MSI2	0.0672979	0.452024	0.831115	-1.2032	0.374637	0.802508	-1.24609	0.855304	0.956885	-1.04506	0.121107	1.50053	1.50053	0.114498	0.660704	-1.51354
cg03044067	EVI5	0.0673	0.23953	1.8632	1.8632	0.0521015	3.05375	3.05375	0.374899	0.631182	-1.58433	0.469296	1.4506	1.4506	0.133483	2.26549	2.26549
cg05856951	HMOX2;HMOX2;HMOX2;HMOX2	0.0673005	0.467999	0.739312	-1.35261	0.00194218	0.166445	-6.008	0.181852	0.560102	-1.78539	0.634863	0.822278	-1.21613	0.796038	1.11176	1.11176
cg19954234	EXPH5;EXPH5;EXPH5	0.0673011	0.0309064	0.303291	-3.29716	0.488965	1.39227	1.39227	0.556048	1.32356	1.32356	0.319856	0.616354	-1.62244	0.0296884	0.299729	-3.33635
cg08930881	CRTAC1	0.0673018	0.021351	0.238608	-4.19098	0.852233	0.907922	-1.10142	0.802254	1.13882	1.13882	0.477694	0.687999	-1.45349	0.00809355	0.172608	-5.79347
cg00910297	CREB3;CREB3;TLN1	0.0673044	0.00467102	0.815228	-1.22665	0.703793	1.02096	1.02096	0.676438	1.02306	1.02306	0.550323	1.03337	1.03337	0.267537	0.939193	-1.06474
cg04654365	MAPK7;MAPK7;MAPK7;MAPK7	0.0673071	0.2138	0.675406	-1.48059	0.803254	1.07771	1.07771	0.0461792	1.98353	1.98353	0.0190217	0.426917	-2.34238	0.639243	0.868015	-1.15205
cg13356117	TTC12	0.0673091	0.0804269	28.5582	28.5582	0.153025	14.0856	14.0856	0.184895	11.3656	11.3656	0.235279	8.58627	8.58627	0.191129	10.941	10.941
cg07131544	NCR2	0.0673094	0.0501972	0.534952	-1.86933	0.104766	1.64341	1.64341	0.134816	0.636528	-1.57102	0.787622	0.927131	-1.0786	0.0271335	0.480523	-2.08107
cg03871162	FAM8A1	0.0673117	0.0688655	1.66	1.66	0.155474	1.45987	1.45987	0.0422435	1.79035	1.79035	0.0775331	1.62971	1.62971	0.238681	0.735513	-1.35959
cg12463578	ZFP57	0.0673121	0.0286476	0.080484	-12.4248	0.112734	0.185434	-5.39276	0.173674	0.243464	-4.10738	0.134947	0.207443	-4.82059	0.0256409	0.0752129	-13.2956
cg11872583	ANO10	0.0673124	0.0499811	0.641572	-1.55867	0.478225	0.866617	-1.15391	0.485267	0.868661	-1.1512	0.487579	1.15031	1.15031	0.0453895	0.633996	-1.5773
cg07629854	C12orf47;MAPKAPK5;MAPKAPK5	0.0673164	0.033715	0.600334	-1.66574	0.341478	0.817357	-1.22346	0.386487	0.833054	-1.2004	0.693172	1.08501	1.08501	0.0592367	0.64519	-1.54993
cg08598221	SNTB1	0.0673182	0.655179	1.15717	1.15717	0.00304991	3.73579	3.73579	0.0199418	2.49007	2.49007	0.611392	1.18105	1.18105	0.839606	1.06803	1.06803
cg05517218	MMP15	0.0673185	0.0342077	0.721692	-1.38563	0.305165	1.15046	1.15046	0.00743059	0.634386	-1.57633	0.548199	0.92293	-1.08351	0.052551	0.747559	-1.33769
cg03960382	CHD5	0.0673211	0.867025	1.19481	1.19481	0.474292	2.166	2.166	0.44467	0.437097	-2.28782	0.655971	1.60999	1.60999	0.901234	0.876456	-1.14096
cg05862007	GTF2A1L;LHCGR	0.0673219	0.719287	1.11639	1.11639	0.00949885	0.367025	-2.72461	0.149888	0.624433	-1.60145	0.0555293	1.93854	1.93854	0.244381	1.44991	1.44991
cg19511425	TRAPPC2;TRAPPC2;TRAPPC2	0.067324	0.0699546	0.158853	-6.29511	0.0129467	0.0607625	-16.4575	0.106491	0.201824	-4.95482	0.310132	0.385364	-2.59495	0.062363	0.148866	-6.71747
cg25163851	RTN2;RTN2;RTN2	0.0673258	0.577161	1.39325	1.39325	0.0192976	5.29259	5.29259	0.0135627	6.04171	6.04171	0.981167	0.986197	-1.014	0.430139	0.622395	-1.6067
cg08561821	SGSM2;TSR1;SGSM2	0.0673278	0.051292	0.64983	-1.53887	0.836039	1.04107	1.04107	0.414295	0.850365	-1.17597	0.155455	0.744354	-1.34345	0.590377	0.89983	-1.11132
cg16632802	LRRC66	0.0673291	0.318512	1.25466	1.25466	0.283325	1.27799	1.27799	0.656553	0.906213	-1.10349	0.105134	1.47644	1.47644	0.00285021	2.46844	2.46844
cg02410830	LYPLA1	0.0673305	0.047044	0.666411	-1.50058	0.00407332	0.502353	-1.99063	0.0792637	0.706181	-1.41607	0.420579	0.863357	-1.15827	0.140236	0.753268	-1.32755
cg15454374	HLA-B	0.0673311	0.156798	0.548996	-1.82151	0.515312	0.770111	-1.29851	0.427815	0.725744	-1.3779	0.217547	0.598296	-1.67141	0.00217125	0.182032	-5.49355
cg23873406	MAD1L1;MAD1L1;MAD1L1	0.0673315	0.375341	0.807604	-1.23823	0.947335	1.01564	1.01564	0.571575	0.874357	-1.1437	0.382644	1.23401	1.23401	0.188314	0.720806	-1.38734
cg24449495	TRIM2	0.0673334	0.837516	1.0196	1.0196	0.714031	1.03541	1.03541	0.150697	1.15674	1.15674	0.0403244	1.25097	1.25097	0.0136018	1.33457	1.33457
cg08783793	ERAP1;ERAP1;ERAP1;ERAP1	0.0673337	0.74839	1.10858	1.10858	0.0353046	0.456066	-2.19267	0.183565	0.636417	-1.5713	0.470798	0.790591	-1.26488	0.00259412	0.262692	-3.80674
cg10116675	C17orf90;CCDC137	0.0673349	0.0448044	0.149805	-6.67535	0.0708907	0.189505	-5.27691	0.257875	0.377882	-2.64633	0.261878	0.381236	-2.62305	0.0223377	0.104714	-9.54978
cg21418575	RASSF1;RASSF1;RASSF1;RASSF1	0.0673352	0.55706	0.784618	-1.27451	0.111568	2.02957	2.02957	0.151327	1.87378	1.87378	0.0380748	2.66972	2.66972	0.0341514	0.364361	-2.74453
cg05473677	OSTalpha	0.0673367	0.181845	1.37539	1.37539	0.533983	1.15219	1.15219	0.432652	1.19734	1.19734	0.255987	1.30564	1.30564	0.0527005	0.609361	-1.64106
cg20714528	KIAA0146	0.0673371	0.475397	0.769439	-1.29965	0.734429	0.8843	-1.13084	0.184812	0.601768	-1.66177	0.945363	0.975554	-1.02506	0.003465	0.238589	-4.1913
cg10068982	SIK2	0.0673371	0.243592	1.29348	1.29348	0.0221372	0.560672	-1.78357	0.0542518	0.630822	-1.58523	0.112296	1.44003	1.44003	0.761578	1.06629	1.06629
cg09577324	OR10A2	0.0673376	0.00792451	0.0870541	-11.4871	0.342122	0.495725	-2.01725	0.183625	0.363716	-2.7494	0.0824148	0.251757	-3.97209	0.0192999	0.131489	-7.6052
cg01067963	MAPK1;MAPK1	0.0673379	0.852761	1.0555	1.0555	0.790415	1.08052	1.08052	0.0870715	1.73208	1.73208	0.750554	0.911442	-1.09716	0.422466	0.788032	-1.26898
cg09160231	ELFN1	0.0673385	0.312395	0.553695	-1.80605	0.462685	0.655138	-1.5264	0.331565	1.76244	1.76244	0.95639	0.969539	-1.03142	0.0256708	0.223301	-4.47827
cg10501305	ZNF19	0.0673439	0.128802	0.768524	-1.3012	0.0588015	1.40824	1.40824	0.671142	1.0709	1.0709	0.722256	0.944362	-1.05892	0.162811	0.78744	-1.26994
cg13674705	FAM129A	0.0673448	0.111433	0.383194	-2.60965	0.0996308	0.368465	-2.71396	0.0115556	0.174264	-5.73841	0.0228882	0.221778	-4.509	0.0188253	0.20715	-4.82742
cg22797164	NODAL	0.0673449	0.0445379	36.1129	36.1129	0.0742461	22.0347	22.0347	0.30053	5.30119	5.30119	0.149309	11.0675	11.0675	0.401121	0.262854	-3.8044
cg05290144	ADAMTS8	0.0673458	0.369305	0.817458	-1.22331	0.503164	1.16013	1.16013	0.0201236	0.541812	-1.84566	0.270315	0.778095	-1.28519	0.0195452	0.539633	-1.85311
cg11264098	TNXB	0.0673461	0.0263079	0.350973	-2.84922	0.0109254	0.280996	-3.55877	0.0386812	0.386159	-2.58961	0.0333269	0.372191	-2.6868	0.167114	0.556967	-1.79544
cg27185377	PTTG1	0.0673466	0.0786203	0.698632	-1.43137	0.618233	0.911885	-1.09663	0.00919234	1.83529	1.83529	0.509164	0.88431	-1.13082	0.288329	1.22431	1.22431
cg02292024	TIMM10	0.0673473	0.749613	0.959638	-1.04206	0.760552	1.04011	1.04011	0.0179789	1.44759	1.44759	0.865914	1.02198	1.02198	0.0490859	1.33517	1.33517
cg13215762	PTPRN2;PTPRN2;PTPRN2	0.0673495	0.878663	0.972176	-1.02862	0.99911	0.999794	-1.00021	0.0244109	0.609347	-1.6411	0.0209753	1.67029	1.67029	0.0378787	0.641019	-1.56002
cg01233518	SIK1	0.0673545	0.551157	0.685903	-1.45793	0.00477758	0.0961421	-10.4013	0.0748309	0.289212	-3.45767	0.610129	1.37922	1.37922	0.0856019	0.30483	-3.28052
cg12379940	SERP2	0.0673548	0.121189	1.87633	1.87633	0.309686	0.674556	-1.48246	0.827955	0.921724	-1.08492	0.65984	0.847153	-1.18042	0.168389	0.577126	-1.73272
cg06596329	FOXJ1;FOXJ1	0.0673554	0.00929924	0.353656	-2.82761	0.220584	1.50033	1.50033	0.366001	1.33986	1.33986	0.243237	1.4691	1.4691	0.223228	1.49651	1.49651
cg27169846	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0673617	0.203076	0.408252	-2.44947	0.00870543	0.107635	-9.2907	0.0149434	0.135965	-7.35485	0.763413	0.817684	-1.22297	0.0572939	0.238387	-4.19485

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23478349	0.985053	0.993093	-1.00696	0.0207659	2.80069	2.80069	0.123465	1.85394	1.85394	0.34223	1.43627	1.43627	3.01952	6.54596	1.92701	1
cg00501006	0.0762011	0.256592	-3.89724	0.0121783	0.116015	-8.61955	0.0802237	0.262344	-3.81179	0.0242251	0.156865	-6.37491	3.01951	22.7335	6.69234	1
cg15532408	0.256964	0.684878	-1.46011	0.859818	0.945015	-1.05818	0.334357	1.37511	1.37511	0.495346	0.801317	-1.24794	3.0195	4.8948	1.44094	1
cg04781796	0.556791	1.16211	1.16211	0.773458	1.07559	1.07559	0.49664	1.19075	1.19075	0.473291	0.831482	-1.20267	3.24894	3.20815	0.768011	1
cg10167478	0.405174	1.16196	1.16196	0.0685834	1.43234	1.43234	0.328609	0.837179	-1.19449	0.357223	0.846295	-1.18162	3.0194	1.48555	0.437333	1
cg13925773	0.651431	1.13621	1.13621	0.646378	0.878345	-1.1385	0.769396	1.08605	1.08605	0.184672	0.673639	-1.48448	3.01939	3.7704	1.10998	1
cg26727693	0.374947	0.526053	-1.90095	0.645956	0.721602	-1.38581	0.00581935	12.7757	12.7757	0.632309	1.40501	1.40501	3.01938	23.7937	7.00472	1
cg13792007	0.181717	0.644408	-1.55181	0.817563	1.07425	1.07425	0.437833	0.782458	-1.27802	0.38583	0.759136	-1.31729	3.01929	4.59457	1.35266	1
cg08248577	0.0467612	0.291492	-3.43063	0.0283913	0.246372	-4.0589	0.471294	0.672478	-1.48704	0.0824183	0.352847	-2.83409	3.01929	14.0202	4.12758	1
cg27378029	0.485159	0.933722	-1.07098	0.99958	0.999949	-1.00005	0.678613	1.04111	1.04111	0.245513	1.12461	1.12461	3.01928	0.446968	0.131589	1
cg12432580	0.402299	1.8038	1.8038	0.109201	3.32698	3.32698	0.235415	2.35325	2.35325	0.38128	1.85525	1.85525	3.01928	22.6482	6.66774	1
cg15809633	0.367322	0.72401	-1.3812	0.0152594	0.353821	-2.82629	0.00676651	0.294013	-3.40121	0.299452	0.68728	-1.45501	3.01926	5.81542	1.71209	1
cg12810233	0.771561	0.888042	-1.12607	0.804221	0.903661	-1.10661	0.00141712	6.57838	6.57838	0.704294	1.16827	1.16827	3.01925	7.95456	2.34188	1
cg00508975	0.272586	2.43516	2.43516	0.0175763	9.50523	9.50523	0.0467379	5.89827	5.89827	0.241432	2.6005	2.6005	3.01924	29.0478	8.5519	1
cg01055386	0.553406	0.835146	-1.1974	0.253188	1.43132	1.43132	0.837449	1.06367	1.06367	0.493543	0.81145	-1.23236	3.01924	4.31748	1.2711	1
cg10084110	0.43554	1.06985	1.06985	0.00628729	0.739273	-1.35268	0.712488	0.969075	-1.03191	0.459584	1.06599	1.06599	3.01915	0.344412	0.101401	1
cg14168993	0.0701508	0.518108	-1.9301	0.0365691	0.454264	-2.20136	0.634907	0.856102	-1.16809	0.128032	0.586022	-1.70642	3.01913	5.04447	1.48519	1
cg04659729	0.965659	0.989368	-1.01075	0.00350508	0.374111	-2.673	0.0413048	0.557471	-1.79382	0.398877	0.807004	-1.23915	3.01912	2.9472	0.867716	1
cg11041835	0.965108	0.968158	-1.03289	0.290568	2.27576	2.27576	0.302613	0.449302	-2.22567	0.130886	3.45932	3.45932	3.6651	23.5285	5.50253	1
cg19005763	0.607478	0.858343	-1.16504	0.413614	1.27942	1.27942	0.742081	0.907227	-1.10226	0.132774	0.61991	-1.61314	3.0191	4.15595	1.2236	1
cg26333837	0.0518475	1.5773	1.5773	0.277641	1.2618	1.2618	0.00585222	2.10242	2.10242	0.54941	1.13288	1.13288	3.01909	2.02849	0.597232	1
cg03000711	0.721875	0.885706	-1.12904	0.347145	0.719837	-1.3892	0.990719	1.00396	1.00396	0.80447	1.08788	1.08788	3.01906	5.51366	1.62337	1
cg14950344	0.0463015	0.317111	-3.15347	0.0527052	0.330206	-3.02841	0.0920601	0.39337	-2.54214	0.887395	0.931198	-1.07389	3.01905	12.1033	3.56352	1
cg13613388	0.558403	1.28442	1.28442	0.00365717	5.2718	5.2718	0.0270962	3.024	3.024	0.063944	2.41245	2.41245	3.01903	8.55283	2.5182	1
cg10038087	0.274292	0.899705	-1.11148	0.205443	1.13214	1.13214	0.265624	1.1138	1.1138	0.0207436	1.29523	1.29523	3.01899	0.412739	0.121524	1
cg25014247	0.0733402	1.31713	1.31713	0.0322795	1.41319	1.41319	0.316396	0.866853	-1.1536	0.102129	0.781303	-1.27991	3.01897	0.909865	0.267896	1
cg15561201	0.34411	0.872553	-1.14606	0.00164215	0.532242	-1.87884	0.555028	1.08711	1.08711	0.435927	0.894765	-1.11761	3.01895	0.935729	0.275513	1
cg05029983	0.714046	0.848319	-1.1788	0.011638	0.244252	-4.09413	0.108818	2.18522	2.18522	0.277078	0.603338	-1.65745	3.01895	9.5526	2.81264	1
cg14611683	0.48434	1.30839	1.30839	0.0332705	0.390194	-2.56283	0.367017	1.41977	1.41977	0.744456	0.883639	-1.13168	3.01889	6.83965	2.01388	1
cg23207202	0.148571	1.36474	1.36474	0.0577689	1.53811	1.53811	0.507295	0.87371	-1.14454	0.480061	0.865823	-1.15497	3.01889	1.92574	0.567021	1
cg25652610	0.380634	1.2932	1.2932	0.00783106	2.65332	2.65332	0.371063	1.30031	1.30031	0.382209	0.773966	-1.29205	3.01883	3.90843	1.15083	1
cg13465723	0.552814	1.31915	1.31915	0.465405	0.709852	-1.40874	0.0732686	2.51281	2.51281	0.56896	1.30416	1.30416	3.01883	10.1741	2.99576	1
cg00760203	0.684606	1.22632	1.22632	0.0316683	0.284092	-3.51999	0.394157	0.646598	-1.54656	0.0806988	0.379949	-2.63193	3.01883	11.9329	3.51362	1
cg10963398	0.0628606	0.641238	-1.55948	0.0363594	0.596562	-1.67627	0.0251863	0.568221	-1.75988	0.317925	0.803175	-1.24506	3.01883	2.15534	0.634637	1
cg06659580	0.0284273	0.29983	-3.33523	0.117283	2.1852	2.1852	0.90925	1.05309	1.05309	0.355774	1.54148	1.54148	3.24823	10.3627	2.48132	1
cg06113001	0.201196	0.461615	-2.16631	0.500081	0.675699	-1.47995	0.102397	0.359303	-2.78316	0.612536	1.33974	1.33974	3.0188	15.6799	4.61695	1
cg16016960	0.156613	0.350254	-2.85507	0.0124831	0.116243	-8.60267	0.335235	0.502558	-1.98982	0.12352	0.315034	-3.17426	3.01877	22.9202	6.74896	1
cg23783444	0.230915	0.718017	-1.39273	0.109464	0.631278	-1.58409	0.0282409	1.97951	1.97951	0.589535	0.866258	-1.15439	3.01877	3.32196	0.978164	1
cg07890233	0.0516629	0.612343	-1.63307	0.0101231	2.05121	2.05121	0.388906	1.21597	1.21597	0.921491	0.978406	-1.02207	3.01877	2.34469	0.690404	1
cg13558899	0.0773224	0.32607	-3.06683	0.537644	0.700364	-1.42783	0.172219	0.436406	-2.29144	0.0377286	0.25277	-3.95617	3.01875	15.5694	4.58449	1
cg03885055	0.160988	0.500778	-1.99689	0.184695	0.522123	-1.91526	0.493737	1.37855	1.37855	0.432759	0.690877	-1.44744	3.01875	10.2011	3.00377	1
cg07121795	0.361604	0.633982	-1.57733	0.0126519	0.221735	-4.50989	0.0496111	0.336713	-2.96988	0.240406	0.550287	-1.81723	3.01874	11.291	3.32472	1
cg09501372	0.951386	1.01837	1.01837	0.0350962	2.08105	2.08105	0.0098805	2.64639	2.64639	0.284088	1.39403	1.39403	3.01874	4.26069	1.25459	1
cg11616237	0.626998	0.889077	-1.12476	0.143801	1.458	1.458	0.315814	1.28274	1.28274	0.634177	1.12198	1.12198	3.01871	2.75569	0.811439	1
cg23324259	0.55221	0.848457	-1.17861	0.396398	0.788739	-1.26785	0.00434894	0.353021	-2.83269	0.289587	0.740538	-1.35037	3.01871	3.57011	1.05125	1
cg09418511	0.0143581	0.439909	-2.2732	0.0418007	0.528152	-1.89339	0.10226	0.614752	-1.62667	0.471337	0.819259	-1.22062	3.01869	3.53913	1.04214	1
cg24334790	0.0270115	1.74081	1.74081	0.127626	0.705558	-1.41732	0.832508	0.956153	-1.04586	0.104564	1.45588	1.45588	3.01866	2.14294	0.631022	1
cg02395779	0.8932	1.0717	1.0717	0.0286331	0.264212	-3.78484	0.621476	0.773699	-1.29249	0.183483	0.483117	-2.06989	3.0186	12.7049	3.74122	1
cg03449406	0.189325	1.1647	1.1647	0.0697054	1.2491	1.2491	0.873403	1.01764	1.01764	0.88589	0.984378	-1.01587	3.01859	0.574808	0.169264	1
cg21484834	0.0877573	1.3419	1.3419	0.0569044	1.3997	1.3997	0.954383	1.00897	1.00897	0.172935	0.797458	-1.25398	3.01858	1.16425	0.34284	1
cg10756647	0.121729	1.39502	1.39502	0.623643	1.10312	1.10312	0.813905	0.954283	-1.04791	0.206061	1.30303	1.30303	3.01856	1.88272	0.554412	1
cg02247463	0.287131	0.640759	-1.56065	0.352819	0.680435	-1.46965	0.231091	0.602971	-1.65845	0.638237	0.82637	-1.21011	3.01854	7.75322	2.28314	1
cg24185443	0.217151	0.474521	-2.10739	0.209482	0.467955	-2.13696	0.0252061	4.60931	4.60931	0.0683239	3.22749	3.22749	3.01854	15.7563	4.63986	1
cg13487476	0.682451	0.896617	-1.1153	0.0109676	2.33218	2.33218	0.313136	1.31886	1.31886	0.507353	0.836577	-1.19535	3.01851	3.36452	0.990782	1
cg02553284	0.677921	1.09375	1.09375	0.0361753	0.592891	-1.68665	0.330675	0.806233	-1.24034	0.64107	1.106	1.106	3.01848	2.20119	0.648212	1
cg16821446	0.142113	0.691732	-1.44565	0.00377189	0.401371	-2.49146	0.25203	0.756212	-1.32238	0.789294	0.939368	-1.06455	3.01844	2.60712	0.767762	1
cg27648056	0.157343	0.459945	-2.17417	0.815601	1.12747	1.12747	0.0670252	0.348408	-2.8702	0.132176	0.434076	-2.30374	3.01841	12.6102	3.71357	1
cg00748978	0.0372582	0.327906	-3.04965	0.0391476	0.33259	-3.0067	0.475127	1.39784	1.39784	0.0674646	0.388726	-2.57251	3.01841	10.1673	2.99416	1
cg01510051	0.110691	1.8232	1.8232	0.117829	0.556069	-1.79834	0.0351561	2.33487	2.33487	0.380525	1.36455	1.36455	3.01841	5.70815	1.68099	1
cg04014306	0.530145	1.14693	1.14693	0.166241	1.37467	1.37467	0.0230256	1.79681	1.79681	0.615466	1.11535	1.11535	3.0184	2.22132	0.654156	1
cg22115977	0.0256602	0.319472	-3.13017	0.024277	0.314726	-3.17736	0.990127	1.00534	1.00534	0.0995739	0.459742	-2.17513	3.0184	8.86015	2.60923	1
cg09238598	0.0767218	1.29781	1.29781	0.430664	1.11239	1.11239	0.155448	1.22297	1.22297	0.0153237	1.48312	1.48312	3.01838	0.8382	0.246843	1
cg17733616	0.349256	2.75339	2.75339	0.00743333	37.4785	37.4785	0.0665505	8.69283	8.69283	0.0125794	26.0978	26.0978	3.01837	52.8157	15.5539	1
cg11726572	0.88296	1.03546	1.03546	0.115571	0.667183	-1.49884	0.403945	0.817066	-1.22389	0.839217	0.953076	-1.04923	3.01837	2.67538	0.787882	1
cg20801783	0.0989372	1.29906	1.29906	0.0114018	1.58092	1.58092	0.117612	0.782082	-1.27864	0.170257	0.809582	-1.2352	3.01837	0.99992	0.29447	1
cg26950898	0.100056	0.831965	-1.20197	0.0163936	0.741202	-1.34916	0.560316	1.06196	1.06196	0.199787	1.14831	1.14831	3.01835	0.498232	0.146727	1
cg22673275	0.137763	0.806303	-1.24023	0.00672883	0.622909	-1.60537	0.420277	0.895012	-1.1173	0.44163	1.11148	1.11148	3.01835	0.867447	0.255459	1
cg21377260	0.929336	0.939976	-1.06386	0.651865	1.37296	1.37296	0.692473	0.757733	-1.31973	0.819723	1.1727	1.1727	3.01834	23.2833	6.85685	1
cg05008975	0.0898702	1.70845	1.70845	0.0362614	2.00866	2.00866	0.536533	0.83586	-1.19637	0.351145	0.759648	-1.3164	3.01833	3.92315	1.15535	1
cg04202802	0.797698	0.965115	-1.03615	0.0405965	0.721188	-1.3866	0.0724592	0.757998	-1.31927	0.250096	0.846921	-1.18075	3.01832	0.913509	0.269026	1
cg12275661	0.735857	1.05812	1.05812	0.57685	0.910233	-1.09862	0.0118935	0.592258	-1.68845	0.620514	0.920099	-1.08684	3.01829	1.33075	0.391907	1
cg09818520	?	?	?	0.0295601	32.854	32.854	0.0913069	8.91388	8.91388	0.0448404	19.3867	19.3867	7.16769	56.8796	3.96778	1
cg11266407	0.985999	1.00469	1.00469	0.0781929	0.593652	-1.68449	0.189854	1.44779	1.44779	0.220549	0.709476	-1.40949	3.01827	3.39477	0.999768	1
cg06401027	0.743291	1.09419	1.09419	0.838415	0.945609	-1.05752	0.939133	0.9793	-1.02114	0.506305	1.20285	1.20285	3.01822	3.58613	1.05614	1
cg17492316	0.0295681	0.533994	-1.87268	0.015658	0.484055	-2.06588	0.305822	0.771318	-1.29648	0.930037	0.978725	-1.02174	3.01822	2.86673	0.844275	1
cg16088251	0.00159806	0.110341	-9.06282	0.838915	0.905677	-1.10415	0.788113	1.1401	1.1401	0.987186	1.00785	1.00785	3.05835	10.2007	3.33536	1
cg25338454	0.18255	0.422953	-2.36433	0.0122306	0.149758	-6.67745	0.517812	0.671096	-1.4901	0.0545436	0.265344	-3.76869	3.01821	17.6878	5.20922	1
cg05308900	0.64387	1.20458	1.20458	0.0309309	2.75395	2.75395	0.712778	1.15932	1.15932	0.0190173	0.321363	-3.11174	3.0182	7.64141	2.25047	1
cg14354881	0.213254	0.819398	-1.22041	0.134949	1.27749	1.27749	0.291722	1.18087	1.18087	0.0607363	1.37891	1.37891	3.01819	1.10391	0.325114	1
cg25428297	0.0691923	0.483997	-2.06613	0.0777059	0.496669	-2.01341	0.00476861	0.26252	-3.80924	0.287141	0.674021	-1.48363	3.01819	6.08989	1.79354	1
cg24082730	0.0628746	0.790792	-1.26455	0.809408	1.02747	1.02747	0.106295	1.21875	1.21875	0.568509	1.06678	1.06678	3.01819	0.601343	0.177102	1
cg00997234	0.0250075	0.702614	-1.42326	0.0445548	0.736905	-1.35703	0.135666	0.808284	-1.23719	0.0189075	0.686418	-1.45684	3.01817	0.837363	0.246614	1
cg13128052	0.253148	1.26508	1.26508	0.795475	0.950111	-1.05251	0.854369	0.964449	-1.03686	0.0255457	0.592892	-1.68665	3.01817	1.85537	0.546429	1
cg20718214	0.296354	0.602365	-1.66012	0.187156	0.519705	-1.92417	0.0383265	0.325098	-3.076	0.156448	0.491821	-2.03326	3.01815	10.4757	3.08523	1
cg24616138	0.372802	0.754186	-1.32593	0.445504	1.27099	1.27099	0.00687581	2.94183	2.94183	0.171362	1.5668	1.5668	3.01811	4.54445	1.33842	1
cg08339208	0.359686	1.18822	1.18822	0.0384949	0.644652	-1.55123	0.019389	0.595892	-1.67816	0.161593	1.31486	1.31486	3.01809	1.603	0.472115	1
cg13455439	0.154264	1.58417	1.58417	0.01496	2.46596	2.46596	0.0224305	2.28207	2.28207	0.593094	1.1767	1.1767	3.01809	4.35009	1.28119	1
cg16470963	0.0741216	0.72037	-1.38817	0.908602	1.01911	1.01911	0.524363	0.899132	-1.11218	0.109446	0.750044	-1.33326	3.01809	1.29826	0.382363	1
cg09456388	0.0848384	0.739654	-1.35198	0.194281	1.24273	1.24273	0.49795	0.89684	-1.11503	0.0582856	0.712755	-1.40301	3.01806	1.19697	0.352536	1
cg01284595	0.268821	1.67972	1.67972	0.0752186	2.44026	2.44026	0.492139	1.36913	1.36913	0.777754	0.880357	-1.1359	3.01803	9.69334	2.85494	1
cg20736065	0.546566	0.863025	-1.15872	0.972858	1.00825	1.00825	0.0026776	0.367072	-2.72426	0.63195	1.12357	1.12357	3.01802	2.78627	0.820631	1
cg03044067	0.883926	0.928847	-1.0766	0.0116334	0.203218	-4.92083	0.473307	1.44558	1.44558	0.112629	2.39315	2.39315	3.01799	12.2023	3.59394	1
cg05856951	0.510887	0.761275	-1.31359	0.17438	1.80573	1.80573	0.790443	0.896788	-1.11509	0.266593	0.622858	-1.6055	3.01798	7.99649	2.35522	1
cg19954234	0.43004	0.684398	-1.46114	0.0160089	0.249532	-4.0075	0.884983	0.934127	-1.07052	0.0413466	0.33029	-3.02764	3.01797	10.5937	3.12019	1
cg08930881	0.122103	0.419777	-2.38222	0.426035	0.656348	-1.52358	0.0174805	0.223465	-4.47498	0.307952	0.578866	-1.72751	3.01795	12.827	3.77798	1
cg00910297	0.135987	1.09118	1.09118	0.408031	0.955075	-1.04704	0.338785	0.947854	-1.05501	0.124547	1.09453	1.09453	3.01791	0.141004	0.0415309	1
cg04654365	0.285598	1.39445	1.39445	0.0461469	0.504086	-1.98379	0.272788	1.40804	1.40804	0.740514	1.10477	1.10477	3.01786	4.29603	1.26536	1
cg13356117	0.0987168	22.863	22.863	0.00683652	426.535	426.535	0.0147549	178.922	178.922	0.0507793	46.8436	46.8436	3.01782	142.807	42.0633	1
cg07131544	0.949989	1.01773	1.01773	0.655761	0.881865	-1.13396	0.0143097	0.428996	-2.33103	0.879551	0.9584	-1.04341	3.01782	3.75251	1.10529	1
cg03871162	0.823346	1.05723	1.05723	0.0180967	2.04331	2.04331	0.0348186	1.84472	1.84472	0.366733	1.25963	1.25963	3.01778	2.96145	0.872298	1
cg12463578	0.0514349	0.114828	-8.70867	0.0136552	0.0509317	-19.6341	0.122485	0.195246	-5.12174	0.0484034	0.110678	-9.03524	3.01777	45.5299	13.4109	1
cg11872583	0.110946	1.41173	1.41173	0.0977201	1.43441	1.43441	0.815577	1.04748	1.04748	0.0401033	0.624387	-1.60157	3.01776	1.88429	0.555022	1
cg07629854	0.079324	0.669804	-1.49297	0.00440501	0.457409	-2.18623	0.238401	0.775628	-1.28928	0.13899	0.720599	-1.38773	3.01769	2.02334	0.595993	1
cg08598221	0.377865	1.34157	1.34157	0.350085	1.36665	1.36665	0.0597813	1.99334	1.99334	0.916498	1.03465	1.03465	3.01766	5.04065	1.48478	1
cg05517218	0.890852	0.98204	-1.01829	0.987282	1.00211	1.00211	0.2893	1.15625	1.15625	0.597963	0.932168	-1.07277	3.01766	0.8327	0.245282	1
cg03960382	0.0112587	0.0343126	-29.1438	0.00524687	0.0200305	-49.9239	0.81933	1.27506	1.27506	0.458332	0.4484	-2.23015	3.01761	53.9147	15.8815	1
cg05862007	0.684398	1.13276	1.13276	0.106599	1.71169	1.71169	0.558823	1.19762	1.19762	0.982346	1.00677	1.00677	3.0176	4.44727	1.31003	1
cg19511425	0.0567302	0.141121	-7.08613	0.100525	0.195253	-5.12155	0.0243978	0.0875704	-11.4194	0.0367892	0.110536	-9.04682	3.01756	39.3988	11.6058	1
cg25163851	0.728471	1.22778	1.22778	0.141789	0.394503	-2.53483	0.134317	2.58742	2.58742	0.130251	2.61767	2.61767	3.01753	16.5689	4.88079	1
cg08561821	0.192043	0.764737	-1.30764	0.0120776	0.544517	-1.83649	0.0214518	0.584681	-1.71033	0.197133	1.30322	1.30322	3.01749	1.80295	0.53111	1
cg16632802	0.422759	1.19743	1.19743	0.616975	0.894977	-1.11735	0.584068	0.885457	-1.12936	0.265508	0.774663	-1.29088	3.01747	2.31397	0.681652	1
cg02410830	0.650229	1.08493	1.08493	0.477934	1.1375	1.1375	0.766874	0.948298	-1.05452	0.208109	0.789007	-1.26742	3.01744	1.5237	0.448857	1
cg15454374	0.0832278	0.467964	-2.13692	0.0547025	0.421932	-2.37005	0.927251	1.03682	1.03682	0.837894	0.922087	-1.0845	3.01743	7.49293	2.2073	1
cg23873406	0.401975	1.22318	1.22318	0.003012	2.59916	2.59916	0.166472	1.41409	1.41409	0.259435	1.31824	1.31824	3.01742	2.63591	0.776502	1
cg24449495	0.246199	1.12148	1.12148	0.0399346	0.798924	-1.25168	0.230108	1.1264	1.1264	0.36951	1.09103	1.09103	3.01739	0.427086	0.125815	1
cg08783793	0.122525	0.585099	-1.70911	0.129247	0.591538	-1.69051	0.511282	0.807847	-1.23786	0.621568	0.852684	-1.17277	3.01738	4.90232	1.44417	1
cg10116675	0.06669	0.183652	-5.44507	0.0111212	0.0725419	-13.7851	0.0873563	0.211042	-4.73839	0.0505404	0.159332	-6.27622	3.01736	32.4674	9.56463	1
cg21418575	0.375856	1.44945	1.44945	0.123368	0.50577	-1.97718	0.185309	1.77481	1.77481	0.65609	0.832721	-1.20088	3.01736	7.97149	2.34834	1
cg05473677	0.179012	1.3786	1.3786	0.00990554	2.08099	2.08099	0.0565046	1.62516	1.62516	0.183184	1.37389	1.37389	3.01733	2.41735	0.712138	1
cg20714528	0.396445	0.730826	-1.36831	0.0174867	0.35187	-2.84196	0.51297	1.27073	1.27073	0.230059	0.634619	-1.57575	3.01732	6.23159	1.8358	1
cg10068982	0.0354066	0.596515	-1.6764	0.751967	1.06916	1.06916	0.808895	1.05243	1.05243	0.306677	0.799944	-1.25009	3.01732	2.12595	0.626294	1
cg09577324	0.408482	0.545468	-1.83329	0.0219439	0.139356	-7.17585	0.379274	0.523788	-1.90917	0.0882547	0.259623	-3.85173	3.01731	24.5622	7.23593	1
cg01067963	0.979854	1.00737	1.00737	0.00264245	0.298323	-3.35207	0.150346	0.638754	-1.56555	0.763036	0.915842	-1.09189	3.01731	4.03928	1.18996	1
cg09160231	0.0705073	0.318712	-3.13763	0.00441183	0.116499	-8.58374	0.876429	0.915736	-1.09202	0.622827	0.755451	-1.32371	3.0173	15.2922	4.50505	1
cg10501305	0.610337	0.920873	-1.08593	0.00661851	0.568133	-1.76015	0.56192	1.09863	1.09863	0.378396	1.15599	1.15599	3.0172	1.22938	0.362183	1
cg13674705	0.111837	0.383681	-2.60633	0.10804	0.379059	-2.63811	0.320143	0.566472	-1.76531	0.0986089	0.367142	-2.72374	3.01718	14.6256	4.30883	1
cg22797164	0.316999	4.99423	4.99423	0.00990426	158.553	158.553	0.0278717	56.852	56.852	0.118795	13.9073	13.9073	3.01718	115.51	34.0302	1
cg05290144	0.904393	0.974075	-1.02662	0.560232	1.13741	1.13741	0.0267845	0.563531	-1.77453	0.0653456	0.636213	-1.5718	3.01717	2.28346	0.67273	1
cg11264098	0.043245	0.39694	-2.51927	0.143207	0.535172	-1.86856	0.30261	0.654202	-1.52858	0.348518	0.681455	-1.46745	3.01716	7.54557	2.22301	1
cg27185377	0.232075	1.25872	1.25872	0.98593	1.00324	1.00324	0.0342886	1.57363	1.57363	0.970688	0.993277	-1.00677	3.01715	1.6107	0.47453	1
cg02292024	0.131342	1.23318	1.23318	0.0238877	0.706933	-1.41456	0.406006	1.11559	1.11559	0.800487	0.967942	-1.03312	3.01714	0.791108	0.233071	1
cg13215762	0.641422	1.0905	1.0905	0.23998	0.796714	-1.25516	0.590941	0.904638	-1.10541	0.225952	0.790677	-1.26474	3.0171	1.63031	0.480318	1
cg01233518	0.0479058	0.243162	-4.11249	0.935355	1.05203	1.05203	0.526716	0.669631	-1.49336	0.0750021	0.28947	-3.45459	3.01701	18.6786	5.5032	1
cg12379940	0.00234555	0.203879	-4.90487	0.913816	1.04138	1.04138	0.73219	0.879286	-1.13729	0.276696	0.654612	-1.52762	3.01701	6.70158	1.97446	1
cg06596329	0.0468391	0.488296	-2.04794	0.772835	0.912858	-1.09546	0.321395	0.724184	-1.38087	0.452066	0.78558	-1.27294	3.017	4.74143	1.39695	1
cg27169846	0.0952682	0.294611	-3.39431	0.318659	0.502986	-1.98813	0.0394611	0.204279	-4.89526	0.58412	0.691726	-1.44566	3.01688	21.2417	6.25861	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15824312	FUBP1	0.0673644	0.151862	0.609595	-1.64043	0.495738	0.800114	-1.24982	0.457989	0.783757	-1.27591	0.381709	0.40659	1.400501	0.00453507	0.29548	-1.38433	0.537959	0.817867	-1.22269	0.087485	0.544329	-1.85712	0.285977	1.4924	1.4924	0.1222983	0.583479	17.13386	0.31684	4.96639	1.46331	1
cg13525333	SIDT2; SIDT2	0.0673645	0.367742	0.873555	-1.14475	0.430606	1.12474	1.12474	0.929857	0.987218	-1.01295	0.673164	0.939891	-1.06395	0.1736251	1.23557	1.23557	0.707088	0.946335	-1.05671	0.04479225	0.578675	-1.72809	0.0666443	0.740457	-1.35052	0.0810663	0.753803	-1.32661	0.31683	1.02013	0.300574	1
cg15079231	VIPR1	0.0673649	0.144156	2.28767	2.28767	2.212338	0.500147	-1.99941	0.187294	0.478481	-2.08995	0.160304	2.20594	2.20594	0.962392	1.02518	1.02518	0.346986	0.600034	-1.66657	0.00637301	0.153725	-6.50513	0.416006	0.645022	-1.55034	0.12533	0.416865	-2.39886	0.31683	13.2918	3.91634	1
cg07506081	TBC1D16	0.0673653	0.31254	0.656584	-1.52304	0.515783	1.30391	1.30391	0.290051	0.629561	-1.5553	0.6466313	0.80336	-1.2043	0.0634105	0.43144	-2.31782	0.0302693	-2.7161	0.0884576	0.469107	-2.13171	0.0206678	0.925554	-3.07168	0.105744	2.0373	2.0373	0.31681	7.74908	2.28323	1
cg16967626	GABRA5;GABRA5 EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;ZA	0.0673661	0.0810965	1.49535	1.49535	0.629504	1.10642	1.10642	0.791537	0.946379	-1.05666	0.833921	1.04465	1.04465	0.0641148	1.54165	1.54165	0.252124	1.2826	1.2826	0.00273555	2.36413	2.36413	0.0789078	1.50068	1.50068	0.236361	1.29452	1.29452	0.3168	2.06805	0.609341	1
cg09289278	CN;EXOC7	0.0673677	0.151285	0.467015	-2.14126	0.0408974	0.310838	-3.21711	0.25209	0.553	-1.80832	0.282781	0.575441	-1.7378	0.0323041	0.280051	-3.4596	0.0852384	0.389784	-2.56552	0.00415914	0.149279	-6.69888	0.238581	0.542703	-1.84263	0.107778	0.41938	-2.38447	0.31678	11.7141	3.45154	1
cg19757759	FLT1;FZT1	0.0673706	0.82934	1.03519	1.03519	0.0903424	0.741546	-1.34653	0.229547	1.22385	1.22385	0.0885738	0.740072	-1.35122	0.186324	1.25167	1.25167	0.242623	0.822077	-1.21643	0.8801237	1.02447	1.02447	0.0196607	0.639674	-1.57096	0.095264	1.34135	1.34135	0.31672	1.2265	0.361393	1
cg19781309	KSR1	0.0673714	0.962674	1.0197	1.0197	0.0597382	0.465297	-2.14916	0.0075047	0.252382	-2.35238	0.150481	0.59222	1.21495	1.21495	0.0227468	0.406723	-2.45868	0.0771568	1.01053	1.11053	0.3956514	0.7310036	-1.36792	0.349129	1.54309	0.356049	0.710446	-1.40709	0.31671	6.19605	1.8257	1
cg21941374	GTF2I1;RABL3	0.0673735	0.429636	0.910783	-1.09796	0.515608	0.773533	-1.29277	0.599434	0.94042	-1.06336	0.192983	1.17314	1.17314	0.613472	1.06082	1.06082	0.0656583	1.27054	1.27054	0.0110591	0.691178	-1.4468	0.480245	0.920191	-1.08673	0.292006	0.880976	-1.1351	0.31667	0.6418887	0.189138	1
cg16750777	NKD1	0.0673744	0.653294	0.818571	1.22175	0.244714	0.19133	-5.22139	0.125429	0.173458	-5.77458	0.0705571	1.34489	1.34489	0.122102	1.40542	1.40542	0.196306	0.545984	-1.83156	0.00453302	0.178195	-5.13899	0.179364	0.5613	-1.78206	0.0186462	0.108362	-5.31886	0.31666	8.85627	1.08383	1
cg23188378	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SL	0.0673783	0.155478	0.708495	-1.41144	0.986151	1.00394	1.00394	0.783936	0.941093	-1.06259	0.177667	0.732677	-1.38374	0.784029	0.641928	-1.55781	0.118935	0.681327	-1.46772	0.00662175	0.449711	-2.22365	0.584885	0.882435	-1.13223	0.0849907	1.54007	1.54007	0.31659	2.45597	0.723694	1
cg06335775	ACTR10	0.0673785	0.313657	0.851177	-1.17484	0.0107501	1.64146	1.64146	0.0837628	1.34436	1.34436	0.546846	1.09887	1.09887	0.955273	1.00871	1.00871	0.0950313	0.753023	-1.32798	0.248158	0.829711	-1.20524	0.593012	0.919964	-1.087	0.144704	0.784877	-1.27408	0.31658	1.14231	0.336601	1
cg16112237	C11orf75	0.0673787	0.211865	0.681044	-1.46833	0.0225989	0.456062	-2.21994	0.0098563	0.386672	-2.58657	0.373196	1.36006	1.36006	0.43024	0.790439	-1.26512	0.096681	0.587046	-1.70344	0.642143	1.14635	0.441156	1.25787	1.25787	0.153568	0.639395	-1.56251	0.31658	4.0759	1.20104	1
cg14463853	C9orf103	0.0673789	0.926583	1.01813	1.01813	0.0883	0.827358	1.22872	0.188272	0.807923	-1.23846	0.24486	0.844366	0.59177	1.11131	1.11131	0.799321	0.906969	-1.10272	0.915918	1.56517	1.56517	0.451984	1.16113	1.16113	0.00626202	0.498742	-2.00504	0.31658	1.816	0.535117	1
cg12861809	3-Mar	0.0673804	0.0406978	0.603464	-1.6571	0.00943883	0.494987	-2.02026	0.901789	1.02674	1.02674	0.585872	1.12479	1.12479	0.657435	0.909011	-1.1001	0.0424114	0.606778	-1.64805	0.0766929	0.656489	-1.52325	0.650262	0.907043	-1.10248	0.0484508	0.617596	-1.61918	0.31655	2.18281	0.64321	1
cg01165331	SIX1	0.0673836	0.542568	1.12805	1.11895	0.0438719	1.57741	1.57741	0.0659655	2.14478	2.14478	0.287848	1.24252	1.24252	0.121245	1.19182	1.19182	0.107915	1.41225	1.41225	0.05763917	1.49609	1.49609	0.109103	1.41032	1.41032	0.0659194	1.50081	1.50081	0.31649	1.84988	0.545116	1
cg20433576	VDAC2	0.0673867	0.892868	1.04069	1.04069	0.477334	1.07531	1.07531	0.381569	1.09438	1.09438	0.0445001	1.30232	1.30232	0.115242	1.34918	1.34918	0.117702	1.18618	1.18618	0.00151957	0.680583	-1.43015	0.573396	0.94443	-1.05884	0.332619	0.904442	-1.10565	0.3164	0.482439	0.142168	1
cg09252686	LRRC28	0.0673894	0.0594443	2.61388	2.61388	0.0264124	3.28322	3.28322	0.0296492	3.17776	3.17776	0.195018	1.8571	1.8571	7	7	7	0.0148326	3.87151	3.87151	0.160251	1.96897	1.96897	0.11715	2.15685	2.15685	0.123804	2.1228	2.1228	0.10647	8.77576	2.8712	1
cg09338657	TSSC4	0.0673895	0.0756732	1.93756	-1.19738	0.0944924	0.453802	-2.2012	0.183859	0.636236	-1.57174	0.0501751	0.483385	-2.06915	0.0230734	0.0959059	-10.3556688	-1.79634	0.426544	0.77101	-1.297	0.412027	1.30821	1.30821	0.313234	0.645012	-1.55263	0.580381	0.836225	-1.19585	0.16139	4.90143	1.44438	1
cg05838358	AMIGO2	0.0673939	0.0780312	0.573965	-1.74227	0.0506606	0.511841	-1.88026	0.0113701	0.407214	-2.45571	0.826677	0.939716	-1.06415	0.0230734	0.462811	-2.16071	0.130874	0.6297	-1.58806	0.373499	0.771803	-1.29567	0.0959833	0.54128	-1.84747	0.16131	3.84049	1.13177	1
cg16340969	PRKCZ	0.0673958	0.381089	0.739026	-1.35256	0.0158884	0.59705	-1.67503	0.0113707	0.818277	-1.22208	0.175366	1.10238	1.10238	0.0170217	1.40811	1.40811	0.0154944	1.76404	1.76404	0.0016488	1.10691	1.10691	0.686672	1.16716	1.16716	0.0422157	1.08961	1.08961	0.31647	0.6644556	1
cg06281296	PPID	0.0673959	0.867996	1.02441	1.02441	0.0678632	1.34512	1.34512	0.00602254	1.68237	1.68237	0.543044	1.09335	1.09335	0.305529	1.16626	1.16626	0.574912	1.921139	-1.08561	0.363919	0.739416	-1.35242	0.957167	0.992244	-1.00782	0.450809	0.894597	-1.11782	0.31627	1.00393	0.295855	1
cg01640808	KLHL34	0.0673961	0.0197919	4.31669	4.31669	0.101415	2.53987	2.53987	0.519989	0.712518	-1.40347	0.233886	1.94272	1.94272	0.692691	0.813473	-1.2293	0.0679408	2.89378	2.89378	0.400234	0.639203	-1.56445	0.0262462	3.93611	3.93611	0.0714535	2.84691	2.84691	0.31627	12.9036	3.80267	1
cg07380955	ASXL2	0.0673963	0.9582055	1.04356	1.04356	0.0188388	0.217652	-4.5945	0.305387	0.520274	-1.92206	0.479242	0.64222	-1.5571	0.0248816	0.150607	-5.19047	0.0227509	4.35712	4.35712	0.0004772	0.101474	-9.85475	0.220188	0.452202	-2.2114	0.142051	0.378402	-2.64269	0.03126	18.1066	5.33599	1
cg25543755	SLC7A10	0.0673971	0.660107	1.16159	1.16159	0.537649	0.809578	-1.23521	0.4568	1.2924	1.2924	0.817271	0.924652	-1.08149	0.157749	0.599743	-1.66738	0.0707654	0.504897	1.9806	0.00767207	0.313552	-3.18926	0.388664	0.741537	-1.34855	0.0608056	0.24493	2.04493	0.31625	5.4727	1.6128	1
cg07148368	PGAM5;PGAM5 RETSAT;ELMOD3;ELMOD3;RETSAT;ELM	0.0673975	0.0182852	0.313895	-3.013	0.200293	0.593941	-1.68367	0.192372	1.70123	1.70123	0.146842	1.32704	1.32704	0.0441342	1.26455	1.26455	0.0134642	1.30784	1.30784	0.0003741	1.24843	1.24843	0.114215	0.515999	-1.93798	0.0136367	0.590922	-1.69227	0.893114	0.924702	-1.08143	0.188243	0.584554	-1.71071	0.31624	7.08412	2.08769	1
cg11109266	DI3;ELMOD3	0.0673987	0.158663	0.789226	-1.26706	0.12624	1.29679	1.29679	0.198776	1.23779	1.23779	0.639091	1.07703	1.07703	0.781453	0.95725	-1.04466	0.883677	0.977263	-1.02327	0.00465341	0.553616	-1.8063	0.927664	0.985836	-1.01437	0.220271	1.22443	1.22443	0.31622	1.17896	0.347443	1
cg26664737	SLC16A7	0.0674042	0.0552634	1.53482	1.53482	0.0985758	0.892045	-1.12104	0.0228023	0.736236	-1.35774	0.0501751	0.483385	-2.06915	0.0230734	0.462811	-2.16071	0.313292	0.741432	-1.34896	0.0136367	0.590922	-1.69227	0.893114	0.920233	-1.08641	0.158241	0.612162	-1.63341	0.31621	4.30641	1.16748	1
cg12379452	TRIM25	0.0674053	0.670394	0.927953	-1.07766	0.0104035	0.569212	-1.75681	0.00569253	0.530793	-1.88397	0.803558	0.957404	-1.04446	0.383705	0.855555	-1.16883	0.863951	1.03041	-1.03041	0.689138	0.932179	-1.07276	0.878561	1.027	1.027	0.0632756	0.694327	-1.44024	0.3161	1.45716	0.429445	1
cg05324700	SIAH1;SIAH1	0.0674054	0.0949914	1.61163	1.61163	0.0130884	0.597355	-1.67389	0.0113708	0.794983	-1.25636	0.151338	0.768403	-1.3742	0.0197811	0.735438	-1.36003	0.0562137	0.602013	-1.66061	0.0154844	0.646558	-1.54683	0.0150709	0.573614	1.7101	0.0048309	0.573614	1.7101	0.31617	0.9355	0.265104	1
cg05067286	TMEM45B	0.0674059	0.299826	0.648383	-1.5423	0.293089	1.55241	1.55241	0.360079	1.46145	1.46145	0.786546	0.896324	-1.11567	0.0571405	0.419856	-2.38177	0.0739807	0.44798	-2.23224	0.00615695	0.236688	-4.22497	0.553697	1.27325	1.27325	0.815059	1.09909	1.09909	0.31609	7.76736	2.28916	1
cg13236315	MFSD5;MFSD5	0.0674093	0.556593	0.915899	-1.09182	0.00683844	0.595971	-1.67793	0.294494	0.851602	-1.17426	0.304947	1.16994	1.16994	0.510107	1.10375	1.10375	0.213698	0.831555	-1.20257	0.0177247	0.653722	-1.53122	0.531506	1.09816	1.09816	0.974013	1.09519	1.09519	0.31608	1.10482	0.31603	1.04265	0.307291	1
cg02229097	SNN	0.0674143	0.1117621	0.7139	1.40048	0.0130884	0.597303	1.67389	0.0113708	0.818277	-1.22208	0.175366	1.10238	1.10238	0.0170217	1.40811	1.40811	0.0154944	1.76404	1.76404	0.0016488	1.10691	1.10691	0.686672	1.16716	1.16716	0.0422157	1.08961	1.08961	0.31607	1.45434	0.424656	1
cg20675040	C9orf55	0.0674152	0.0135784	0.255958	-3.90689	0.226315	0.567294	-1.76275	0.358604	0.656247	-1.52382	0.0313266	0.323995	-3.08647	0.00882246	0.225873	-4.42726	0.524288	0.749813	-1.33367	0.0603807	0.388674	-2.57285	0.587931	0.783404	-1.27648	0.117673	0.468513	-2.13441	0.31593	9.51021	2.80296	1
cg26382255	ARHGEF10	0.0674158	0.463484	1.08107	1.08107	0.854884	1.14144	1.14144	0.140111	0.935389	1.06955	0.0313266	0.323995	-3.08647	0.00882246	0.225873	-4.42726	0.0526748	1.0298	1.0298	0.918336	0.883983	1.13186	1.13186	0.0183264	1.12795	1.12795	0.474488	1.84605	1.84605	0.31593	0.734871	0.234671	1
cg07990736	PAX5	0.0674168	0.743298	1.06077	1.06077	0.449681	1.11432	1.11432	0.324163	1.20058	1.20058	0.024927	1.61464	1.61464	0.676507	0.927435	1.07824	0.427724	2.864702	1.15647	0.0521843	0.672671	-1.48661	0.0910576	1.66464	1.66464	0.174777	1.29579	1.29579	0.3159	1.53955	0.453759	1
cg24144458	CDK6;CDK6	0.0674222	0.239162	0.756363	-1.32212	0.0673001	0.628476	-1.59115	0.0133911	0.499656	-2.00138	0.358777	1.23832	1.23832	0.295561	1.27853	1.27853	0.620464	1.11972	1.11972	0.120952	1.46366	1.46366	0.550699	1.14655	1.14655	0.116026	0.679133	-1.47247	0.31581	2.4509	0.722386	1
cg00462111	BSG/AT2	0.0674243	0.4634862	1.07605	1.07605	0.8543884	1.14144	1.14144	0.140111	0.935389	1.06955	0.0313266	0.323995	-3.08647	0.00882246	0.225873	-4.42726	0.0526748	1.0298	1.0298	0.918336	0.883983	1.13186	1.13186	0.0183264	1.12795	1.12795	0.474488	1.84605	1.84605	0.31581	0.734871	0.234671	1
cg22811030	TEX11;TEX11	0.0674233	0.663722	1.24298	1.24298	0.427177	0.686557	-1.45654	0.106584	0.4416	-2.26449	0.0254061	0.291595	-3.42941	0.00765149	0.203569	-4.91234	0.727233	1.79555	1.17955	0.0438364	0.341412	-2.92901	0.974183	0.985101	-1.01512	0.15432	0.492972	-2.02851	0.31578	10.2773	3.0292	1
cg13470644	MEX3D	0.0674273	0.885781	1.02604	1.02604	0.0707857	0.341417	-2.92917	0.0144515	0.1005	0.1005	0.0162648	0.795948	1.25636	0.0149811	0.0370734	-26.9885	0.727229	1.79555	1.17955	0.0438364	0.341412	-2.92901	0.974183	0.985101	-1.01512	0.15432	0.492972	-2.02851	0.31578	10.2773	3.0292	1
cg10341482	TIMM13;TMPRSS9	0.0674285	0.0355427	0.455228	-2.1967	0.287368	0.705527	-1.41738	0.459781	1.26736	1.26736	0.945619	1.02165	1.02165	0.146827	0.610049	-1.63921	0.78233	0.916094	-1.09088	0.0639322	0.51385	-1.94609	0.00952454	0.342628	-2.91862	0.028183	0.433672	-2.30589	0.32463	4.95814	1.18853	1
cg26429878	PRDM16;PRDM16	0.0674287	0.0562694	0.924864	-1.0787	0.0060169	0.017032	-5.8047	0.866987	0.894353	-1.11815	0.553759	0.671042	-1.49025	0.0251754	0.169784	-5.88976	0.518758	0.648837	-1.54599	0.0333198	0.499166	-2.00351	0.0193358	0.743928	-1.34459	0.0178587	0.610667	-1.63767	0.31567	6.24495	1.83309	1
cg04801038	TCF21	0.0674302	0.9510041	1.02652	1.26362	0.00873504	0.13137	12.1337	0.115899	3.52742	3.52742	0.157939	0.88923	3.08923	0.700295	1.33505	1.33505	0.638144	0.876192	-1.1413	0.0167303	0.44269	-2.25892	0.0113247	0.417289	-2.42255	0.467288	0.813527	-1.22922	0.31557	3.71812	1.09598	1
cg15145115	PRDM16;PRDM16	0.0674356	0.1934621	1.75468	1.75468	1.7501559	0.702015	-1.4175	0.6776465	0.58251	-1.71704	0.0268023	0.736236	-1.35774	0.0501751	0.483385	-2.06915	0.313292	0.741432	-1.34896	0.0136367	0.590922	-1.69227	0.893114	0.920233	-1.08641	0.158241	0.612162	-1.63341	0.31557	4.30641	1.16748	1
cg10760209	TLN2	0.0674369	0.15026	0.596979	-1.6751	0.0826055	0.52566	-1.90237	0.0421781	0.457024	-2.18807	0.226665	0.654007	-1.52903	0.00679443	0.311148	3.21391	0.863618	0.94411	-1.0592	0.04370759	0.460415	-2.17495	0.444852	1.29764	1.29764	0.182114	0.622666	1.606	0.31554	0.53465	1.57541	1
cg15897310	CTDP	0.0674373	0.864158	1.04788	1.04788	0.156602	1.51252	1.51252	0.0373494	1.93467	1.93467	0.882389	1.00605	1.00605	0.965931	0.779923	-1.28879	0.313152	0.757287	-1.31005	0.00737771	0.388989	-2.57076	0.915707	0.760626	-1.31473	0.0676961	0.08651	1.08651	0.31553	3.31059	1.05875	1
cg20130494	ZNF718	0.0674393	0.754497	1.12575	1.12575	0.2292994	1.66959	1.66959	0.0193439	1.04397	1.04397	0.00417246	4.34112	4.34112	0.622082	1.02925	1.02925	0.765404	0.85176	-1.17404	0.8972451	1.05065	1.05065	0.167715	0.569873	-1.7549	0.913117	0.959144	0.95944	1.0426	0.3155	0.98493	0.03807	1
cg21422291	LRRC8B;LRRC8B	0.0674396	0.199641	0.378605	-2.64128	0.00954593	0.050975	-10.5155	0.303997	0.466235	-2.14484	0.0466522	5.1186	5.1186	0.151527	0.332391	-3.00851	0.749449	1.25818	1.25818	0.646089	0.719809	-1.38926	0.171825	0.83652	0.83652	0.789364	0.825379	-1.21157	0.31549	24.5368	7.23282	1
cg19021409	NEU1	0.0674408	0.363119	0.819004	1.22078	0.0888	0.337799	-2.96099	0.0187187	0.764179	-1.30795	0.137404	1.06379	1.06379	0.0241227	0.762226	-1.3051	0.630465	1.04917	-1.04917	0.315355	0.565376	-1.3416	0.0977	0.905761	-1.10404	0.112921	0.842951	-1.18631	0.31547	0.6825	0.183829	1
cg16620731	ZNF583;ZNF583;ZNF583	0.0674408	0.127336	0.636065	-1.57217	0.124835	1.57765	1.57765	0.564868	0.852411	-1.17314	0.0184169	0.456253	-2.19177	0.378194	1.2816	1.2816	0.319648	0.754114	-1.32606	0.0268718	0.487035	-2.05324	0.389889	1.27352	1.27352	0.458167	1.23036	1.23036	0.31547	3.59641	1.06014	1
cg29659055	FAM177B	0.0674418	0.468367	0.812629	-1.23097	0.19064	0.677375	-1.47629	0.0014838	0.2831	-3.53232	0.310068	0.784351	-1.34455	0.791427	0.928207	-1.07735	0.483284	1.12172	1.12172	0.339068	0.81994	1.31994	1.31994	0.031353	0.872944	-1.14555	0.495293	0.823141	-1.21486	0.31545	3.77323	1.11227	1
cg04411337	ARV1	0.0674442	0.9415076	0.625433	-1.59889	0.287884	1.24645	1.24645	0.170375	0.747131	-1.33845	0.172805	0.748524	-1.33596	0.0393308	0.609924	-1.63955	0.384739	1.19474	1.19474	0.542426	1.13101	1.13101	0.160117	0.992449	-1.00761	0.0180782	0.563683	1.77405	0.31541	1.90363	0.561156	1
cg26748024	TRERF1	0.0674448	0.489723	0.884021	-1.13119	0.421223	0.865583	-1.15529	0.206612	0.791348	-1.26367	0.976823	0.994909	-1.00512	0.0154941	0.593513	-1.68488	0.622639	1.09105	1.09105	0.01577	1.68155	1.68155	0.831617	0.963283	-1.03812	0.101209	0.729562	-1.37069	0.3154	1.47403	0.434519	1
cg19260317	KRT35	0.0674452	0.1934621	1.75468	1.75468	1.7501559	0.702015	-1.4175	0.6776465	0.58251	-1.71704	0.0268023	0.736236	-1.35774	0.0501751	0.483385	-2.06915	0.313292	0.741432	-1.34896	0.0136367	0.590922	-1.69227	0.893114	0.920233	-1.08641	0.158241	0.612162	-1.63341	0.31539	4.30641	1.16748	1
cg09920804	PLAT;PLAT	0.0674466	0.231314	0.519824	-1.92373	0.00292945	0.118875	-8.4122	0.163694	0.203931	-4.90363	0.610269	0.76501	-1.30717	0.537282	0.722148	-1.38476	0.274385	0.552859	-1.80878	0.409278	0.564182	-1.55236	0.487138	0.692188	-1.44469	0.764459	0.1695	1.16952	0.31538	12.9684	3.82288	1
cg00312251	WNT6	0.0674471	0.124751	4.508	4.508	0.0501524	7.54121	7.54121	0.0167603	2.5195	2.5195	0.0313266	0.323995	-3.08647	0.00882246	0.225873	-4.42726	0.162374	3.86442	3.86442	0.0742896	0.193559	1.91939	0.0183222	0.157908	15.7509	0.0015172	0.75136	5.75136	0.31538	20.3278	11.5582	1
cg18172825	SH3GLB1	0.0674511	0.895092	0.937411	-1.06677	0.866936	1.08562	1.08562	0.9055516	1.0599	1.0599	0.892035	1.06879	1.06879	0.0532225	2.93285	2.93285	0.00257844	0.129141	-7.74347	0.611786	0.778222	-1.28498	0.550685	0.743951	-1.34417	0.616722	1.28045	1.28045	0.31529	11.4618	3.37886	1
cg03543985	CAPN8	0.0674542	0.333543	0.883294	-1.13213	0.398124	0.897653	-1.11364	0.37903	0.996545	-1.00347	0.326744	0.881644	-1.13424	0.504915	1.08782	1.08782	0.176474	0.836288	-1.19576	0.00914443	1.5097	0.6251544	0.717674	-1.39281	0.841787	1.02518	1.02518	0.31523	0.7392122	0.217919	1
cg20039634	EP400NL	0.0674549	0.940109	1.01544	1.01544	0.0722406	1.14724	1.14724	0.0972372	1.58859	1.58859	0.0183267	1.3107	1.3107	0.509137	1.08337	1.08337	0.291364	1.2214	1.2214	0.0433555	1.27855	1.27855	0.0456464	1.79149	1.79149	0.179639	1.43709	1.43709	0.31522	1.39138	0.911341	1
ch.2.2525558	ASAP2;ASAP2	0.0674563	0.0477875	0.372081	-2.68758	0.281124	0.613021	-1.63126	0.0814833	0.430185	-2.32458	0.0692051	0.411441	-2.43048	0.00723118	0.220017	-4.54509	0.72133	0.855169	-1.16936	0.0144155	0.267841	-3.73356	0.292136	0.620355	-1.61198	0.332773	0.646322	-1.54722	0.31519	9.12288	2.68651	1
cg25772827	C1orf94;CSMD2	0.0674565	0.411292	0.827509	-1.20859	0.0028355	0.0178881	-5.85999	0.0113454	0.0178881	-5.85999	0.0113454	0.0178881	-5.85999	0.0113454	0.0178881	-5.85999	0.0113454	0.0178881	-5.85999	0.0113454	0.0178881	-5.85999	0.0113454	0.0178881	-5.85999	0.0113454	0.0178881	-5.85999	0.0113454	0.31519	45.765	13.4917	1
cg08331161	OR4D11	0.0674583	0.0229219	1.29227	-7.73576	0.381618	0.509363	-1.96324	0.0857206	0.239838	-4.16949	0.0788383	0.230574	-4.33701	0.0150583	0.105813	-9.45065	0.291617	1.493276	-2.27647	0.0240701	0.133229	-7.55916	0.0506004	0.187368	-5.33708	0.0767594	1.227446	4.39665	0.31516	26.9881	7.95626	1
cg

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg27444913	GAUN72	0.0675414	0.338708	0.737874	-1.35324	0.207364	1.50657	1.50657	0.888088	1.00461	1.030462	1.01544	1.00454	1.008574901	0.355743	2.81102	0.424784	1.12663	1.28563	0.994101	1.3088	1.3088	0.8508154	1.98547	1.98547	0.689933	0.883724	1.13157	1.03368	4.53502	1.33761	1
cg25119077	MYO10	0.0675448	0.0707243	3.945965	-2.89047	0.00537557	0.145661	-6.86527	0.0413319	0.290287	-3.44487	0.353626	0.605549	-1.65139	0.0296561	0.260403	-3.8402	0.121946	4.141413	-2.41364	0.11707	0.408686	-2.44687	0.113997	0.405067	-2.46873	0.47445	0.682274	-1.46569	0.31362	13.1853	3.8891	1
cg14026517	RPRD2	0.0675455	0.740667	0.936083	-1.06828	0.400619	1.1866	1.1866	0.0388668	1.60895	1.608955	0.0264501	0.592551	-1.68762	0.469864	0.863975	-1.15744	0.0208182	0.57508	-1.73889	0.954719	0.988771	-1.01136	0.726022	0.932428	-1.07247	0.263046	1.26184	1.26184	0.3136	1.88752	0.556741	1
cg04036490	CDH11	0.0675467	0.225082	0.765398	-1.30651	0.00832911	2.032618	-2.032618	0.0604026	1.53284	1.53284	0.8349882	0.975038	-1.02564	0.0699385	1.5313	1.5313	0.8367	1.04436	1.04435	0.032679	1.69145	1.69145	0.4514097	1.17509	1.17509	0.6603461	1.09745	1.09745	0.31358	2.11047	0.622506	1
cg26931186	LOC390858	0.0675475	0.10977	0.393478	-2.54144	0.0091662	0.170246	-5.87386	0.0561459	0.314342	-3.18125	0.128513	0.415307	-2.40843	0.0800713	0.35382	-2.8263	0.200346	0.484951	-2.06207	0.0119976	0.187	-5.34759	0.139319	0.426896	-2.34249	0.134069	0.421286	-2.37369	0.31557	13.6618	4.02971	1
cg24899846	MICA	0.0675485	0.41733	1.10237	1.10237	0.6451549	1.05604	1.05604	0.339583	0.8607111	-1.2227	0.8031542	1.02094	1.02094	0.896557	1.01541	1.01541	0.2577594	1.14895	1.14895	0.9346375	0.7485442	-1.33593	0.9245903	1.36998	1.36998	0.0213067	1.38458	1.38458	0.10155	0.6758474	0.194639	1
cg14150023	TNRC6B;TNRC6B;TNRC6B	0.0675505	0.10927	1.36683	1.36683	0.0515895	0.672679	-1.48659	0.1584886	0.7635565	-1.30965	0.758505	1.05674	1.05674	0.208724	1.26762	1.26762	0.3296655	1.19724	1.19724	0.0569477	1.47035	1.47035	0.0499866	0.670325	-1.49181	0.6087666	1.09678	1.09678	0.31551	1.52837	0.450819	1
cg14644008	FBXO2	0.0675514	0.0813172	0.675428	-1.48054	0.00384989	0.454314	-2.20554	0.0864591	0.668511	-1.49094	0.8699117	1.03384	1.03384	0.697117	0.923641	-1.08267	0.286538	0.798712	-1.25202	0.0360853	0.611442	-1.63548	0.7634458	1.06321	1.06321	0.2080158	0.763717	-1.30939	0.3135	1.96835	0.580603	1
cg10178433	SLC25A13;SLC25A13;SLC25A13	0.0675515	0.743683	0.939994	-1.06384	0.0774124	1.44808	1.44808	0.124057	1.36905	1.36905	0.803389	0.884557	-1.13042	0.0480454	0.9381	1.15315	1.15315	0.181845	0.7654758	1.30641	1.30641	0.1533423	1.33426	1.33426	0.3890386	1.42434	1.42434	0.0056471	1.98254	1.98254	0.16535	1.697771	0.500772	1
cg13904806	SAMD11	0.0675565	0.0244966	10.9011	10.9011	0.0306607	9.61814	9.61814	0.159011	3.82647	3.82647	0.0902909	5.28086	5.28086	0.224449	3.11925	3.11925	0.3631552	2.30739	2.30739	0.00963051	18.5635	18.5635	0.669542	0.682	-1.46528	0.0890564	5.32172	5.32172	0.31941	37.9297	11.1884	1
cg23785275	HLA-DQB2	0.0675585	0.133293	1.323803	1.3883	0.1235995	1.294834	1.294834	0.1915151	0.8880013	0.2586	-3.86698	0.134726	1.31434	1.31434	0.0959022	1.23786	1.23786	0.141192	0.332269	-1.40861	0.1414208	0.2116944	-2.21735	0.0121603	0.1178134	-8.80796	0.6263001	1.40752	1.40752	0.10137	23.1382	6.82533	1
cg25763788	HTR1B	0.0675602	0.691656	1.23628	1.23628	0.253688	1.885661	1.885661	0.431793	1.53249	1.53249	0.464618	0.673005	-1.48587	0.803903	0.8760615	-1.14153	0.274297	0.545937	-1.83171	0.510794	0.7010241	-1.42604	0.0023612	0.55223	0.95223	0.196502	2.06809	2.06809	0.10334	13.5111	3.98557	1
cg07810522	SPIN	0.0675607	0.0195604	0.379496	-2.63507	0.48917	0.785619	-1.27288	0.3794857	0.679062	-1.47125	0.344947	1.39562	1.39562	0.0879769	0.5260866	-1.90083	0.0862864	1.91757	1.91757	0.4031992	1.34131	1.34131	0.167787	1.65677	1.65677	0.1238854	0.564221	-1.77235	0.10333	5.6283	1.66027	1
cg02970919	LRP2BP MGAT1;MGAT1;MGAT1;MGAT1	0.0675616	0.347323	0.803288	-1.24488	0.224509	0.749158	-1.33483	0.0635001	0.623561	-1.60369	0.274202	1.29375	1.29375	0.172905	1.38862	1.38862	0.507461	0.858807	-1.16441	0.00833795	2.14505	2.14505	0.979223	0.994123	-1.00591	0.384992	0.817413	-1.22337	0.13132	2.44527	0.721322	1
cg26830409	1	0.0675617	0.355183	1.20411	1.20411	0.00642560	0.500444	-1.99823	0.380763	1.19193	1.19193	0.182061	1.31864	1.31864	0.622589	1.11462	1.11462	0.245879	1.26745	1.26745	0.047806	1.55698	1.55698	0.819094	0.956248	-1.04575	0.658075	0.916694	-1.09088	0.10331	1.82004	0.53689	1
cg08588859	PVT1	0.0675618	0.468666	0.82602	-1.21062	0.459021	0.552601	-1.80963	0.0488504	0.558129	-1.7917	0.139498	0.662164	-1.5102	0.160731	0.678118	-1.47467	0.727227	0.913215	-1.09503	0.0205294	2.06165	2.06165	0.899763	0.967859	-1.03321	0.130412	0.654771	-1.52725	0.13331	3.20736	0.946131	1
cg06891538	NCRNA00200 KIAA1984;LOC100131193;C9orf86;C9or	0.0675618	0.0204131	0.638449	-1.56532	0.150899	1.27997	1.27997	0.831899	0.9664758	-1.03469	0.816767	0.962249	-1.03923	0.0511247	0.700349	-1.42786	0.0207615	0.639944	-1.56264	0.618563	0.922668	-1.08381	0.100987	0.749528	-1.33417	0.120463	0.763327	-1.31005	0.10331	1.22708	0.361974	1
cg03736826	R6	0.0675653	0.0143588	0.315766	-3.1669	0.0281442	0.371487	-2.69188	0.876562	0.94236	-1.06117	0.970053	0.985764	-1.01444	0.00853408	0.277935	-3.59796	0.3256	0.678636	-1.47354	0.386868	0.712643	-1.40323	0.86171	1.06886	1.06886	0.1127996	0.533408	-1.87474	0.31325	6.96162	2.05363	1
cg17844037	STK32C	0.0675656	0.0301605	0.625313	-1.59909	0.0341898	0.712634	-1.40335	0.0516349	1.03393	1.033931	0.466543	0.89745	-1.11442	0.0393999	0.4490544	-2.22473	0.626258	1.09459	1.09459	0.523777	1.12635	1.12635	0.919164	1.01887	1.01887	0.418308	0.858724	-1.16452	0.10324	1.61848	0.477443	1
cg12630520	SPARCL1;SPARCL1	0.0675663	0.0223111	0.316184	-3.16272	0.360672	1.48457	1.48457	0.0234979	0.320548	-3.11966	0.486505	0.74282	-1.34622	0.0203214	0.308449	-3.24202	0.49391	0.746684	-1.33925	0.476358	0.773496	-1.29294	0.0135054	0.935205	0.9160447	-1.09165	0.039574	0.358508	-2.78934	0.13323	8.4375	2.48902	1
cg08130874	OCIA1	0.0675674	0.40309	1.2353	1.2353	0.0455536	1.36	1.36	0.0355	0.964867	-1.03617	0.7955	1.01544	1.01544	0.8426531	1.00744	1.00744	0.3636953	1.14563	1.14563	0.0826531	1.07704	1.07704	0.3437062	0.9799015	-1.00099	0.9815556	0.525238	-1.90299	0.10331	4.05337	1.34162	1
cg07456878	CCDC110;CCDC110	0.0675699	0.578612	1.45436	1.45436	0.00941743	0.00151	9.00151	0.0724363	3.81236	3.81236	0.175199	2.61828	2.61828	0.297591	2.05627	2.05627	0.1115542	1.18073	1.18073	0.167921	0.374883	-2.6675	0.0810911	3.63705	3.63705	0.0577309	4.18932	4.18932	0.13117	21.2698	6.27462	1
cg07479843	PIDD1;PIDD1;PIDD1;PIDD1	0.0675711	0.0148216	0.3385551	-2.95376	0.112942	0.536162	-1.86511	0.287093	0.670759	-1.49085	0.444407	0.754545	-1.3253	0.0116772	0.32029	-3.12217	0.794878	0.910165	-1.0987	0.144032	0.763265	1.76305	0.576431	0.989384	-1.01073	0.166356	0.586742	-1.70433	0.13115	6.228868	1.83754	1
cg26973953	GNPTG	0.0675758	0.0153508	0.3008	-3.32518	0.0193455	0.078417	-10.3475	0.0474783	0.2442	-4.09545	0.0179841	0.234741	4.26014	0.0034364	0.10529	9.50001	0.1107	0.382869	9.0252	-10.4754	0.3841953	2.60513	0.997315	1.00259	1.00259	0.9913564	0.856132	1.06599	1.06599	0.3023854	1.56475	0.511751	1.74564	1
cg11421459	CYP51A1;CYP51A1;CYP51A1	0.0675722	0.146768	0.822258	-1.21636	0.2049919	0.724605	-1.38006	0.141694	0.8199511	-1.21964	0.587361	1.07128	1.07128	0.655834	0.945188	-1.05799	0.104229	0.799957	-1.25007	0.0270804	1.38934	1.38934	0.944384	0.841543	-1.18829	0.436541	1.10489	1.10489	0.31313	0.753563	0.222305	1
cg22927653	GRIP1	0.0675723	0.13402	0.646668	-1.54841	0.1099	0.826677	-1.21545	0.0413425	0.524455	-1.90705	0.0255553	1.375543	1.375543	0.0174958	0.7264182	-1.37665	0.0433743	0.218332	-4.58048	0.0225106	0.176108	-5.67834	0.0018407	0.410642	-2.40014	0.101491	0.380683	-2.62957	0.10313	20.5094	6.05039	1
cg07793724	SLC1A7	0.0675728	0.157913	0.729431	-1.38219	0.0339745	0.918527	-1.68968	0.0944282	0.677325	-1.4764	0.0778563	0.484758	-2.06284	0.040728	0.606142	-1.64978	0.604729	0.895247	-1.11701	0.342702	1.23018	1.23018	0.905935	0.984149	-1.01611	0.410812	0.836749	-1.1951	0.10312	2.1431	0.632228	1
cg14200465	TRPM5	0.0675759	0.27477	0.626967	-1.59498	0.0194868	3.19048	3.19048	0.71164	0.858518	-1.1648	0.726262	1.15536	1.15536	0.0354817	0.365733	-2.73423	0.0304803	0.351778	-2.8427	0.409224	0.706966	-1.4145	0.177743	0.555192	-1.80118	0.859371	0.929728	-1.07558	0.31306	8.05527	2.3764	1
cg25977101	MRPS18A	0.0675766	0.156012	0.7	-1.42857	0.0256156	0.72126	-1.3864	0.0721126	1.35751	1.357513	0.0614459	0.743442	-1.34527	0.0239399	0.4634604	-2.15734	0.424415	0.670996	-1.4912	0.0205424	0.4100	3.05534	1.29958	0.970034	1.03096	0.981795	-1.01854	0.33306	10.282	3.30977	1
cg12029105	TMEM233	0.0675776	0.364936	0.819145	-1.22079	0.602943	1.11903	1.11903	0.573895	1.12948	1.12948	0.163318	0.726997	-1.37552	0.299164	0.794065	-1.25934	0.283177	0.787452	-1.26992	0.264028	1.28337	1.28337	0.0039973	2.31767	2.31767	0.548074	1.13911	1.13911	0.31303	2.19137	0.646487	1
cg06373583	DEFB115	0.0675814	0.0148007	0.3125	-3.2000	0.0155536	1.36	1.36	0.0355	0.964867	-1.03617	0.7955	1.01544	1.01544	0.8426531	1.00744	1.00744	0.3636953	1.14563	1.14563	0.0826531	1.07704	1.07704	0.3437062	0.9799015	-1.00099	0.9815556	0.525238	-1.90299	0.10331	4.05337	1.34162	1
cg08996676	TRIM40	0.0675779	0.627116	1.22618	1.22618	0.0127728	0.275696	-3.62718	0.266461	0.617387	-1.61973	0.713354	0.857547	-1.16612	0.110029	0.4840272	-2.06581	0.102974	0.475686	2.10223	0.0115656	0.268426	-3.72542	0.407611	0.7027104	-1.42307	0.325089	1.52691	1.52691	0.13101	3.27865	2.44235	1
cg12427128	MARK2;MARK2;MARK2;MARK2	0.0675796	0.258043	3.40091	3.40091	0.697168	0.688147	-1.49668	0.221438	3.79804	3.79804	0.646167	1.61092	1.61092	0.548735	1.87074	1.87074	0.597445	1.73104	1.73104	0.929752	0.91315	-1.09511	0.00236328	0.00989542	-101.057	0.9640666	1.04751	1.04751	0.24152	53.358	12.8028	1
cg26072327	RGMB	0.0675781	7	7	7	7	0.0913451	-10.9475	0.244783	2.18447	2.18447	7	7	7	0.52748	1.53018	1.53018	0.2379759	0.486774	-2.05434	0.254344	2.14234	2.14234	0.314607	0.532409	-1.94451	0.226047	0.436722	-2.28979	0.56516	17.121	4.03182	1
cg13479148	PIDD1;PIDD1;PIDD1;PIDD1	0.0675833	0.386851	1.19416	1.19416	0.221231	0.773194	-1.29334	0.342224	0.822213	-1.21623	0.697335	0.924796	-1.08132	0.0235131	1.71804	1.71804	0.0954664	0.693214	-1.44256	0.411722	0.845439	-1.18282	0.0338859	1.64126	1.64126	0.194447	0.759887	-1.31598	0.10293	1.90948	0.563342	1
cg21121160	SLC6A11	0.0675834	0.334393	1.25106	1.25106	0.215091	1.75303	1.75303	0.653249	1.24092	1.24092	0.272052	1.54747	1.54747	0.0247467	1.6242	1.6242	0.1446664	1.19366	1.19366	0.193885	1.65788	1.65788	-1.04937	0.4585814	1.37537	1.37537	0.0683172	1.36755	1.36755	0.10293	8.5085	2.51022	1
cg15961887	UTP3;UTP3	0.0675845	0.16013	0.842178	-1.1874	0.735482	1.03957	-1.03957	0.161281	0.842628	-1.18676	0.485033	1.0846	1.0846	0.98204	1.01329	-1.01329	0.740573	1.03876	1.03876	0.0030277	1.62078	1.62078	0.592177	0.560015	1.06978	1.06978	0.228341	1.155571	1.10291	1.6251	0.184422	1
cg19165942	GJB5 COL4A3;COL4A3;COL4A4;COL4A3;COL4	0.0675862	0.154578	0.789897	-1.26599	0.00432136	0.554065	-1.80484	0.89555	0.979874	-1.02054	0.129943	0.77631	-1.28815	0.819767	0.965291	-1.03596	0.286816	1.18673	1.18673	0.118158	1.30032	1.30032	0.359894	0.864412	-1.15686	0.976651	0.99548	-1.00454	0.10288	1.14328	0.337302	1
cg16640096	A3	0.067589	0.959518	1.01746	1.01746	0.0297274	2.39243	2.39243	0.67997	1.153	1.153	0.380113	0.735676	-1.39329	0.573161	1.21409	1.21409	0.334199	1.40436	1.40436	0.305678	0.696546	-1.43565	0.00371741	3.80466	3.80466	0.971454	1.01227	1.01227	0.10283	5.54682	1.63651	1
cg02550950	HEG1W2	0.0675904	0.8569606	1.060903	1.060903	0.2660638	0.544763	-1.83566	0.0828193	0.532677	-1.87731	0.52189	0.805722	-1.24106	0.336097	0.7232631	-1.38255	0.658087	1.15226	1.15226	0.1801801	0.501719	-1.99315	0.9149893	1.16155	1.16155	0.0250588	0.417283	-2.39645	0.1028	9.3194	1.51366	1
cg07132680	SDCCAG8	0.0675924	0.207822	0.718634	-1.39153	0.603138	1.14013	1.14013	0.0588956	0.588174	-1.70018	0.180373	0.701949	-1.42461	0.0431908	0.5606555	-1.78363	0.725893	0.916157	-1.09152	0.0166765	0.4833118	-2.06903	0.189681	1.41283	1.41283	0.0555179	0.582829	-1.71577	0.10277	2.95313	0.871294	1
cg22355463	ZNF827	0.0675928	0.575915	1.27105	1.20375	0.417532	1.30922	1.30922	0.0958786	1.81262	1.81262	0.704817	0.880458	-1.13576	0.964933	0.9856901	-1.01452	0.822202	0.929454	1.07559	0.0010058	0.5128125	1.94776	0.0001758	0.2815351	0.6660266	-1.50115	0.102776	0.504552	1.48883	1	
cg20703884	NUAC3	0.0675942	0.159812	0.796484	1.03145	0.0327176	0.854444	-1.17036	0.0952323	0.545822	-1.83455	0.0775	0.512547	-1.95131	0.184889	0.5912801	-1.69128	0.407518	1.13754	1.13754	0.0505007	1.75369	1.75369	0.955351	1.06074	1.06074	0.3172017	0.853679	1.17274	1.17274	0.10511	0.313105	1	
cg07598082	SLC6A17	0.0675967	0.760983	1.1228	1.1228	0.2243524	0.351387	-2.84586	0.0355722	0.385354	-2.59501	0.119125	0.517248	-1.93331	0.188899	0.581282	-1.72033	0.013833	0.305532	-3.27298	0.489794	1.31448	1.31448	0.255501	0.629594	-1.58833	0.0869353	0.478636	-2.08927	0.31269	7.24848	2.13865	1
cg08056211	PKDM1	0.0675986	0.812886	1.059476	1.059476	0.5195496	1.02115	1.02115	0.0935	0.964867	-1.03617	0.7955	1.01544	1.01544	0.8426531	1.00744	1.00744	0.3636953	1.14563	1.14563	0.0826531	1.07704	1.07704	0.3437062	0.9799015	-1.00099	0.9815556	0.525238	-1.90299	0.10331	4.05337	1.34162	1
cg03742643	YLPM1	0.0675986	0.122666	0.437203	-2.28726	0.0877391	0.389163	-2.56962	0.0416536	0.222047	-4.50355	0.367065	0.628764	-1.59042	0.984136	0.9900093	-1.01001	0.403788	0.651937	-1.53389	0.0113658	0.2045741	-4.88827	0.0196049	0.243624	-4.10469	0.25599	0.552235	-1.81082	0.31266	11.9647	3.53022	1
cg19874321	ARL5B	0.0676015	0.008552373	0.347938	-4.32429	0.0275536	0.424445	-2.35646	0.0344566	0.130402	1.31012	0.899119	0.105523	1.05523	0.526034	1.131303	1.131303	0.29429	1.58578	1.58578	0.0377875	0.360192	-2.77629	0.195718	0.0559021	-1.76597	0.0330278	0.153086	1.53086	1.53086	0.31261	8.57449	2.52972	1
cg27574673	ATAD5	0.0676018	0.202735	-2.553757	-1.80585	0.59357	1.02247	1.02247	0.902112	1.60293	1.602931	0.804681	0.191585	-1.52162	0.790293	1.12428	1.12428	0.612862	1.07911	-1.25139	7	7	1.50635	1.50635	0.140157	2.00885	0.0208885	3.05258	3.05258	0.31292	5.73943	1	
cg13683910	PIDD1;PIDD1;PIDD1;PIDD1	0.0676029	0.0759883	0.46724	-2.14023	0.0614958	0.252248	-3.96435	0.151008	0.552668	-1.8094	0.141582	1.83873	1.83873	0.186738	0.694104	-1.44071	0.809375	0.911077	-1.0976	0.402741	1.39095	1.39095	0.320639	1.48501	1.48501	0.739874	0.879505	-1.137	0.10258	7.08468	2.0904	1
cg06560027	LIMK2	0.0676047	0.395768	0.870116	1.14938	0.0227451	1.284743	1.284743	0.0576	0.0004212	1.73904	0.175031	0.804473	1.24333	0.0133613	0.2923374	-3.42026	0.541883	1.84542	1.84542	0.0366871	0.650355	-1.53807	0.0278867	0.302703	3.30357	0.0122295	1.5286	1.5286	0.28829	7	
cg24214000	ZBED4	0.0676085	0.0909898	0.398313	-2.51059	0.8710303	1.06055	1.06055	0.212386	0.621805	-1.60822	0.621445	0.835225	-1.19728	0.0262795	0.385435	-2.59447	0.372663	0.718152	-1.39246	0.00782346	0.2909887	-3.43776	0.0420406	0.428508	-2.33368	0.2157924	0.624226	-1.60398	0.12408	6.24306	1.84213	1
cg16385431	FLRT3;MACROD2;FLRT3	0.0676093	0.00235222	0.1734	-5.7677	0.0928764	0.46613	-2.14532	0.822363	1.09603	1.09603	0.605283	0.806354	-1.24015	0.905622	1.04854	1.04854	0.197053	0.606004	-1.65016	0.455015	1.36909	1.36909	0.0962883	1.01982	1.01982	0.9746	1.01342	1.01342	0.29995	1	
cg13011331	EEPD1	0.0676099	0.0282956	-0.54017	-1.98209	0.18774	0.687604	-1.45433	0.0119794	0.475452	-2.10326	0.0994354	0.620544	-1.61149	0.0400339	0.5341179	-1.87203	0.2644529	0.577609	-1.73128	0.43208	0.809086	-1.23596	0.0393372	0.770908	-1.29717	0.0136899	0.446842	-2.23793	0.10246	3.13077	0.982815	1
cg27326084	CHMP1B;GNAL;CHMP1B;GNAL;GNAL	0.0676123	0.244847	1.33886	1.33886	0.440102	0.827899	-1.20788	0.0415001	0.568989	-1.7575	0.820838	0.947042	-1.05592	0.202128	1.38134	1.38134	0.005159168	2.42258	2.42258	0.439341	1.20827	1.20827	0.741229	1.08274	1.08274	0.970412	1.00894	1.00894	0.31241	2.74526	0.810059	1
cg08197105	SEZ6;SEZ6	0.0676151	0.1305	0.6525	-1.53257	0.205511	1.51626	1.51626	0.0526	0.964867	-1.03617	0.7955	1.01544	1.01544	0.8426531	1.00744	1.00744	0.3636953	1.14563	1.14563	0.0826531	1.07704	1.07704	0.3437062	0.9799015	-1.00099	0.9815556	0.525238	-1.90299	0.10331	4.05337	1.34162	1
cg11571772	PRDM8	0.0676133	0.0224232	0.749454	-1.3343	0.2132774	0.870925	-1.1482	0.0482449	1.26872	1.26872	0.161405	0.859279	-1.16377	0.0874713	0.819612	-1.22009	0.0591092	0.798748	-1.25196	0.419877	1.09079	1.09079	0.89357	1.01397	1.01397	0.5056	0.931253	-1.07382	0.3124	0.530443	0.156521	1
cg09449023	LOC645518;LOC645518	0.0676151	0.0994923	0.416158	-2.40515	0.1100578	0.736205	1.71206	0.751474	1.31707	1.31707	0.169666	1.14623	1.14623	0.0142471	1.34885	1.34885	0.148043	1.68049	1.68049	0.0138563	1.26048	1.26048	0.0138563	1.26048	1.26048	0.0138563	1.26048	1.26048	0.18695	1.0254	0.842496	1
cg27589594	SLC5A10;SLC5A10 ANKH1;ANKH1-	0.0676162	0.501193	0.857423	-1.16628	0.673541	1.10018	1.10018	0.393614	0.821279	-1.21761	0.712046	0.919859	-1.08712	0.846859	0.95737	1.04453	0.771709	1.06775	1.06775	0.003810944	2.40886	2.40886	0.156393	0.710628	-1.40721	0.0797136	0.645207	-1.54989	0.13235	2.42209	0.714714	1
cg16031133	EIF4EBP3;ANKH1;ANKH1	0.0676168	0.893135	0.985537	-1.01468	0.269135	0.882725	-1.13286	0.349644	1.10999	1.10999	0.840563	1.02207	1.02207	1.178862	1.16741	1.16741	0.0329201	0.76306	-1.31051	0.0101627	0.703728	-1.421	0.0963266	0.82044	-1.21886	0.581495	1.0622	1.0622	0.31233	0.560506	0.165396	1
cg14492024	C7orf15A	0.0676176	0.0374647	0.392948	-2.54487	0.938616	0.971334	-1.02953	0.866996	0.938615	-1.0654	7	7	7	0.0116924	3.43502	3.43502	0.0726816	0.463119	-2.15927	0.936815	1.03042	1.03042	0.407687	1.37872	1.37872	0.845337	1.07661	1.07661	1.2796	6.4544	1.72204	1
cg25174439	ENTPD1;ENTPD1	0.0676185	0.29865	1.16573	1.16573	0.4468327	1.07137	1.07137	0.162828	1.23828	1.23828	0.702919	1.105638	1.105638	0.0181355	0.7004184	-1.42761	0.4210661	1.70674	1.70674	0.0044591	1.70674	1.70674	0.0044591	1.70674	1.70674	0.0044591	1.70674	1.70674	0.10219	0.557552	0.288663	1
cg19675935	ZNF579 TOM112;LRRC48;LRRC48;TOM112;LRRC	0.0676216	0.715898	1.01615	1.01615	0.592181	1.16097	1.16097	0.865494	1.04791	1.04791	0.0766927	1.72196	1.72196	0.348582	0.766158	1.30521	0.0685154

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg09072560	MARCKSL1	0.0676934	0.610096	0.875673	-1.14198	0.29835	1.32086	1.32086	0.200712	1.41747	1.41747	0.0135051	2.20183	2.20183	0.714271	0.909441	-1.09958
cg19878200	TH;TH;TH	0.0676959	0.0246237	3.684	3.684	0.142294	2.1566	2.1566	0.537048	1.356	1.356	0.0141648	4.37005	4.37005	0.490953	0.711148	-1.40618
cg01640711	ZFYVE1;ZFYVE1	0.0676967	0.0966824	0.410538	-2.43583	0.077588	2.60562	2.60562	0.0232355	3.75995	3.75995	0.596661	1.29789	1.29789	0.0706208	0.37294	-2.6814
cg08884209	HEXB	0.0676977	0.211413	0.788394	-1.2684	0.023146	0.612414	-1.63288	0.0244166	1.62301	1.62301	0.607064	0.910576	-1.09821	0.469131	0.875463	-1.14225
cg11774624	AGPAT6	0.0676996	0.441772	0.759121	-1.31731	0.128613	1.78083	1.78083	0.4878	0.780616	-1.28104	0.85501	0.937752	-1.06638	0.00726781	0.296234	-3.37571
cg04264726	APEH	0.0677024	0.0648108	0.45386	-2.20332	0.176311	1.7291	1.7291	0.0477064	2.36905	2.36905	0.611185	0.822591	-1.21567	0.0620321	2.22632	2.22632
cg26406571	TSSC4	0.0677031	0.020129	0.520148	-1.92253	0.179106	0.71693	-1.39484	0.322941	0.788156	-1.26878	0.0310816	0.554284	-1.80413	0.112551	0.668447	-1.496
cg22294181	SLC28A1;SLC28A1	0.0677072	0.071758	0.507944	-1.96872	0.0477645	0.466428	-2.14395	0.0207501	0.39138	-2.55506	0.0418122	0.453618	-2.2045	0.00841333	0.321747	-3.10803
cg06566239	MGMT	0.0677079	0.0504736	0.353957	-2.82521	0.0275274	0.296894	-3.36821	0.0428466	0.337573	-2.96232	0.275476	0.58945	-1.6965	0.0607448	0.37345	-2.67773
cg19447629	C12orf26	0.0677115	0.637045	0.895032	-1.11728	0.0111611	0.476092	-2.10043	0.0447388	0.584139	-1.71192	0.076406	0.631316	-1.58399	0.0420365	0.578888	-1.72745
cg04164584	PHF12	0.0677124	0.620451	0.725192	-1.37895	0.105794	3.11806	3.11806	0.504311	0.646526	-1.54673	0.438651	0.601417	-1.66274	0.823788	1.15437	1.15437
cg01047778	SHANK2	0.0677126	0.0821009	0.232674	-4.29786	0.380066	1.97701	1.97701	0.470981	1.74211	1.74211	0.99005	0.990605	-1.00948	0.0183926	0.114726	-8.71639
cg23371707	C10orf18	0.0677133	0.356333	1.29367	1.29367	0.880407	1.04171	1.04171	0.0985393	1.63505	1.63505	0.0138105	0.437836	-2.28396	0.0618613	0.565129	-1.76951
cg20595750	DIP2C	0.0677139	0.162504	0.494098	-2.02389	0.126914	0.458138	-2.18275	0.987962	0.992892	-1.00716	0.960027	0.976581	-1.02398	0.0066007	0.188708	-5.29919
cg22683035	TLE2	0.0677142	0.0200683	2.71806	2.71806	0.0286949	2.50891	2.50891	0.183504	1.65368	1.65368	0.060093	2.1297	2.1297	0.371907	1.3865	1.3865
cg12983394	EDNRB;EDNRB;EDNRB	0.0677148	0.956404	1.01853	1.01853	0.229833	0.654953	-1.52683	0.048425	2.13274	2.13274	0.254767	1.49093	1.49093	0.0252699	0.409217	-2.44369
cg21700214	CNDP1	0.0677157	0.315364	0.593966	-1.6836	0.0707678	0.36308	-2.75421	0.0134221	0.215197	-4.6469	0.0575856	0.340447	-2.93731	0.0453824	0.316098	-3.16358
cg18152712	E2F3	0.0677163	0.71779	1.05093	1.05093	0.71422	0.950909	-1.05163	0.10716	1.27213	1.27213	0.625066	0.934814	-1.06973	0.0167433	0.670551	-1.49131
cg09603409	GABBR1;GABBR1;GABBR1	0.067719	0.594016	0.899854	-1.11129	0.837402	1.04113	1.04113	0.654324	0.915396	-1.09242	0.164518	0.747605	-1.3376	0.110096	0.710653	-1.40716
cg09404643	AIM1	0.0677194	0.448056	0.904786	-1.10523	0.778885	0.96423	-1.0371	0.167635	0.82669	-1.20964	0.174813	0.829643	-1.20534	0.803144	1.03285	1.03285
cg15157209	C5orf54	0.0677196	0.464417	0.625349	-1.59911	0.738228	1.23548	1.23548	0.138088	0.365431	-2.7365	0.814368	0.862183	-1.15985	0.00321817	0.079289	-12.6121
cg23172853	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.0677199	0.0167734	0.146075	-6.84578	0.00376355	0.0759917	-13.1593	0.0603802	0.247653	-4.03791	0.577901	0.690422	-1.44839	0.170594	0.382249	-2.6161
cg03162823	USP44;USP44	0.0677203	0.0350984	0.153117	-6.53095	0.214418	0.36821	-2.71584	0.971865	1.02733	1.02733	0.37475	0.498378	-2.00651	0.0159997	0.104956	-9.52779
cg24446166	TMEM91;B9D2	0.0677229	0.0396057	0.65658	-1.52304	0.00966508	0.560533	-1.78401	0.0434248	0.663252	-1.50772	0.0444704	0.664987	-1.50379	0.0233433	0.619358	-1.61458
cg11296715	ARSD;ARSD	0.0677264	0.0478266	0.187309	-5.33877	0.0108699	0.0937358	-10.6683	0.0530054	0.196373	-5.09234	0.802976	1.20329	1.20329	0.0842016	0.243104	-4.11347
cg02221765	FOXN3;FOXN3	0.0677266	0.00533208	0.446979	-2.23724	0.461304	0.8483	-1.17883	0.786531	0.942192	-1.06136	0.0578661	0.624762	-1.60061	0.0147467	0.517713	-1.93157
cg16810293	TM4SF1	0.0677278	0.0862312	0.282875	-3.53513	0.00952624	0.11218	-8.91427	0.0298708	0.182246	-5.4871	0.187865	0.394674	-2.53374	0.0710365	0.260937	-3.83234
cg15824291	CERKL;CERKL;CERKL;CERKL;CERKL;CERKL;CERKL	0.0677283	?	?	?	0.704887	1.19431	1.19431	?	?	?	0.171719	1.97188	1.97188	?	?	?
cg07469700	NDST4	0.0677303	0.989577	1.00556	1.00556	0.111475	0.479135	-2.08709	0.0296402	0.337343	-2.96434	0.250009	1.66564	1.66564	0.0136364	0.273888	-3.65113
cg05050042	SFRP2	0.0677318	0.339758	2.00696	2.00696	0.0332216	0.171635	-5.82632	0.0141766	0.117333	-8.52272	0.823739	0.853893	-1.17111	0.948589	0.955372	-1.04671
cg13948987	HCRTR2;HCRTR2	0.067732	0.480361	0.903673	-1.1066	0.944702	0.990254	-1.00984	0.41917	1.12361	1.12361	0.474481	0.902402	-1.10815	0.496226	0.907061	-1.10246
cg00905354	WDR27	0.0677324	0.730268	1.06706	1.06706	0.123402	1.36747	1.36747	0.450661	1.15504	1.15504	0.621296	0.910844	-1.09788	0.157108	0.752949	-1.32811
cg05652533	DPYSL4	0.0677338	0.123731	1.53362	1.53362	0.792431	1.06999	1.06999	0.127905	1.52529	1.52529	0.544654	0.854474	-1.17031	0.247654	1.36346	1.36346
cg09169615	RAD17;RAD17;TAF9;RAD17;TAF9;RAD17;RAD17;RAD17;RAD17;TAF9;RAD17;TAF9	0.0677389	0.210834	1.17097	1.17097	0.100182	1.24063	1.24063	0.659534	0.94831	-1.05451	0.523723	1.08043	1.08043	0.0173375	1.41469	1.41469
cg07216337	JPH1	0.0677399	0.533471	1.07255	1.07255	0.852716	1.02082	1.02082	0.238271	0.871197	-1.14785	0.0190996	0.723164	-1.38281	0.940451	1.00832	1.00832
cg06780363	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1;ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.0677409	0.935372	1.01574	1.01574	0.551558	0.890487	-1.12298	0.278246	1.24245	1.24245	0.992846	0.998275	-1.00173	0.839604	0.961731	-1.03979
cg04270799	KIF5A	0.0677413	0.0924758	0.703135	-1.4222	0.17574	0.760443	-1.31502	0.0307427	1.62041	1.62041	0.310789	0.819156	-1.22077	0.804354	0.953886	-1.04834
cg06628473	MCC	0.0677423	0.0608805	0.601526	-1.66244	0.387778	1.23734	1.23734	0.793121	0.938725	-1.06527	0.00288951	0.373228	-2.67933	0.597311	0.879627	-1.13685
cg05116906	KL	0.0677425	0.154872	0.600051	-1.66652	0.178345	1.61562	1.61562	0.645868	0.85623	-1.16791	0.563739	0.822183	-1.21627	0.111055	0.558574	-1.79027
cg11238064	PPAN-P2RY11;PPAN;SNORD105B	0.0677432	0.604686	0.900214	-1.11085	0.00319923	0.44481	-2.24815	0.776185	1.05905	1.05905	0.252163	1.27225	1.27225	0.548376	0.884925	-1.13004
cg09386971	CHMP4C	0.0677441	0.257448	1.7873	1.7873	0.0381272	3.25757	3.25757	0.0471421	3.05322	3.05322	0.215765	0.527207	-1.89679	0.397488	1.53067	1.53067
cg02658272	ISYNA1;ISYNA1;ISYNA1	0.0677461	0.202253	0.70575	-1.41693	0.00500224	0.382345	-2.61544	0.19399	0.700675	-1.4272	0.472808	1.20805	1.20805	0.0373665	0.535065	-1.86893
cg03059921	COL9A3	0.0677463	0.0432499	3.41397	3.41397	0.625006	0.770947	-1.29711	0.666928	0.795609	-1.2569	0.0481875	3.29507	3.29507	0.091705	2.66607	2.66607
cg23662675	ZMYND8;ZMYND8;ZMYND8	0.0677477	0.912664	1.02689	1.02689	0.0278682	0.533327	-1.87502	0.171995	0.703511	-1.42144	0.732852	0.920467	-1.08641	0.0434977	1.75339	1.75339
cg26337738	CLIP1;CLIP1	0.0677482	0.0127234	0.416401	-2.40153	0.367285	1.29964	1.29964	0.48719	0.818924	-1.22111	0.148862	0.64525	-1.54979	0.733591	0.907849	-1.1015
cg25230549	SNORD115-7	0.0677482	0.101469	0.211324	-4.73208	0.00689052	0.0482053	-20.7446	0.56642	0.605094	-1.65264	0.659895	0.681217	-1.46796	0.0185219	0.0841081	-11.8895
cg16235707	IQGAP2	0.0677486	0.0121495	0.542315	-1.84395	0.0232484	0.588007	-1.70066	0.203971	0.769158	-1.30012	0.318979	0.817401	-1.22339	0.196785	0.765551	-1.30625
cg00774102	BAT2;SNORA38	0.0677487	0.0452837	0.546318	-1.83044	0.740274	0.916153	-1.09152	0.904181	0.968795	-1.03221	0.0479595	1.81334	1.81334	0.0847993	0.605474	-1.6516
cg08386832	C5orf41;C5orf41;C5orf41	0.0677491	0.543579	0.852394	-1.17317	0.102705	1.59012	1.59012	0.0190755	2.08972	2.08972	0.289784	0.751703	-1.33031	0.094848	0.620737	-1.61099
cg02748539	SLC9A3	0.067752	0.411162	0.75233	-1.3292	0.00250875	4.14326	4.14326	0.133433	0.578003	-1.73009	0.52136	0.802437	-1.2462	0.625813	0.846696	-1.18106
cg08347042	ZNF296	0.0677531	0.136244	5.23167	5.23167	0.108514	6.07678	6.07678	0.0375895	12.0183	12.0183	0.0825933	7.2545	7.2545	0.658609	0.632346	-1.58141
cg00424297	ZNF292	0.0677547	0.0239138	0.496121	-2.01564	0.00438142	0.371662	-2.69062	0.281398	0.747366	-1.33803	0.374509	0.788915	-1.26756	0.151165	0.670249	-1.49198
cg05143123	SPOCK1;SPOCK1	0.0677562	0.407607	0.847518	-1.17992	0.3906	0.842136	-1.18746	0.596405	0.900878	-1.11003	0.227405	0.780758	-1.28081	0.55148	1.12488	1.12488
cg24269276	SFRS1;SFRS1	0.0677568	0.200312	0.846712	-1.18104	0.987941	0.998143	-1.00186	0.0368341	1.34752	1.34752	0.03146	0.733194	-1.3639	0.172831	1.19535	1.19535
cg03733760	FGF19	0.0677573	0.62032	0.720296	-1.38832	0.00317875	0.0708606	-14.1122	0.0546167	0.238737	-4.18872	0.165654	2.64162	2.64162	0.621078	0.720816	-1.38732
cg07304068	SMARCC1	0.0677586	0.864143	0.960211	-1.04144	0.229723	1.34823	1.34823	0.665587	1.1086	1.1086	0.0329569	0.553588	-1.8064	0.0203434	0.515283	-1.94068
cg18885406	TP53BP2;TP53BP2	0.067759	0.706915	0.943781	-1.05957	0.448441	1.12562	1.12562	0.433488	0.884768	-1.13024	0.0116064	0.616725	-1.62147	0.769493	1.04604	1.04604
cg27356188	CEP72	0.0677602	0.0167882	1.81893	1.81893	0.541438	1.1351	1.1351	0.472854	0.86099	-1.16145	0.706337	0.92534	-1.08068	0.701292	0.924033	-1.08221
cg25884040	AP1AR;AP1AR	0.0677605	0.51332	0.921802	-1.08483	0.02984	1.36884	1.36884	0.185932	1.18798	1.18798	0.510064	0.921205	-1.08553	0.737224	1.04223	1.04223
cg12157519	SMC5	0.0677609	0.647144	1.07607	1.07607	0.547754	0.90777	-1.1016	0.626134	1.08123	1.08123	0.87262	0.974799	-1.02585	0.224011	1.22532	1.22532
cg21250756	HNF1B;HNF1B	0.067761	0.142388	0.619043	-1.6154	0.813442	1.07454	1.07454	0.0137585	0.396049	-2.52494	0.127479	0.605798	-1.65072	0.194765	0.658943	-1.51758
cg17404412	NCOR2;NCOR2	0.067761	0.239971	0.650229	-1.53792	0.39441	0.737003	-1.35685	0.926456	1.03283	1.03283	0.853754	1.06668	1.06668	0.00169748	0.208364	-4.79929
cg04034685	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.0677616	0.0334454	0.417984	-2.39243	0.369413	0.723549	-1.38208	0.0127205	0.337289	-2.96481	0.0270794	0.399083	-2.50574	0.0179619	0.364451	-2.74386
cg23875597	MCF2L;MCF2L	0.0677618	0.564625	0.769822	-1.299	0.0418679	2.86808	2.86808	0.837763	0.912006	-1.09648	0.181329	0.528604	-1.89178	0.00374185	0.172276	-5.80465
cg16929726	SNORD115-15;SNORD115-21;PAR4;SNORD115-23	0.0677624	0.0704311	0.423038	-2.36385	0.227315	0.583192	-1.7147	0.0911503	0.453098	-2.20703	0.50365	1.33475	1.33475	0.00984682	0.249586	-4.00663
cg02232988	FERMT2;FERMT2;FERMT2	0.0677641	0.0973178	0.332894	-3.00396	0.464607	0.641041	-1.55996	0.0824314	0.312015	-3.20498	0.0837541	0.313956	-3.18516	0.00858009	0.125204	-7.98698
cg15274684	PRMT2;PRMT2	0.0677641	0.388446	0.774129	-1.29177	0.529254	0.831427	-1.20275	0.0368873	0.495543	-2.01799	0.422954	0.788941	-1.26752	0.0108752	0.396081	-2.52474
cg24328816	SLC16A5	0.0677652	0.242969	0.602081	-1.66091	0.776506	0.888534	-1.12545	0.0479701	0.391103	-2.55687	0.0851563	0.453676	-2.20422	0.039961	0.373104	-2.68022
cg10189441	SERINC5	0.0677659	0.168292	0.655667	-1.52516	0.909928	0.967988	-1.03307	0.945734	0.98062	-1.01976	0.271557	1.38967	1.38967	0.125293	0.62064	-1.61124
cg17903359	OR2G2	0.0677661	0.0506876	0.235706	-4.24258	0.669141	0.756531	-1.32182	0.0630049	0.257318	-3.88625	0.059036	0.250649	-3.98965	0.00749016	0.10706	-9.34055
cg18935740	WFDC11	0.0677672	0.0565653	0.338653	-2.95287	0.255208	0.551067	-1.81466	0.717721	0.833504	-1.19975	0.187164	0.495925	-2.01643	0.028309	0.272863	-3.66484
cg00309178	EXO1;EXO1;EXO1	0.0677685	0.899621	0.974073	-1.02662	0.0334275	0.596099	-1.67757	0.0625269	0.646399	-1.54703	0.33596	0.813405	-1.2294	0.83363	0.957161	-1.04476
cg17237460	VPS13A;VPS13A;VPS13A;VPS13A;LOC100286938	0.0677687	0.996928	1.0006	1.0006	0.954019	1.00901	1.00901	0.618737	1.08115	1.08115	0.188968	1.24167	1.24167	0.533089	0.906478	-1.10317
cg08370996	NR2F2;NR2F2	0.0677688	0.494136	0.864251	-1.15707	0.00314487	2.33532	2.33532	0.0798932	1.5043	1.5043	0.532355	0.875562	-1.14212	0.91013	1.02401	1.02401
cg13582060	NEK6;NEK6;NEK6;NEK6	0.0677698	0.00857564	1.87351	1.87351	0.144583	0.745709	-1.34101	0.242775	0.795422	-1.25719	0.145099	1.34043	1.34043	0.643183	0.916357	-1.09128
cg02921472	C20orf30;C20orf30;C20orf30;C20orf30	0.0677701	0.426647	0.880257	-1.13603	0.297998	0.84407	-1.18474	0.564518	1.09584	1.09584	0.199231	0.808046	-1.23755	0.00512676	0.559339	-1.78782
cg13568311	LRCH1;LRCH1;LRCH1	0.0677707	0.0214016	0.357777	-2.79504	0.0328783	0.395403	-2.52907	0.013083	0.318432	-3.14038	0.345378	1.43521	1.43521	0.488211	0.769655	-1.29928
cg15881088	MANF	0.0677722	0.0144801	0.642969	-1.55529	0.234527	1.20042	1.20042	0.191775	1.22455	1.22455	0.193059	1.22375	1.22375	0.188842	1.22639	1.22639
cg13763783	LGI1	0.0677727	0.397679	0.800026	-1.24996	0.249679	1.36335	1.36335	0.0275877	1.95656	1.95656	0.338294	1.28956	1.28956	0.537065	0.851268	-1.17472
cg01093854	TET1	0.0677729	0.786973	1.13369	1.13369	0.0053548	5.4691	5.4691	0.0243308	3.46696	3.46696	0.117713	2.19685	2.19685	0.755408	1.15576	1.15576
cg01245129	SYNE2;SYNE2	0.0677729	0.320802	0.783324	-1.27661	0.142187	1.45592	1.45592	0.435386	0.827407	-1.2086	0.887838	0.966961	-1.03417	0.746851	0.925792	-1.08016
cg00672622	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0677762	0.253798	0.695719	-1.43736	0.0720967	1.84255	1.84255	0.95103	0.981476	-1.01887	0.816526	0.93169	-1.07332	0.110476	0.588891	-1.69811
cg02708121	LDB2;LDB2	0.0677775	0.689342	1.18149	1.18149	0.851067	0.924952	-1.08114	0.547248	0.776621	-1.28763	0.66434	1.19867	1.19867	0.0101203	0.260127	-3.84428
cg16235809	KIRREL3;KIRREL3	0.0677778	0.0453685	0.201937	-4.95204	0.0213729	0.145528	-6.87155	0.0456247	0.20243	-4.93998	0.226492	0.412689	-2.42313	0.0317692	0.173036	-5.77915
cg25631714	LOC550112;UBA6	0.0677787	0.910727	1.03355	1.03355	0.758557	1.09496	1.09496	0.317174	0.737675	-1.35561	0.710342	0.896041	-1.11602	0.401321	1.28757	1.28757
cg14952966	PKNOX2	0.0677792	0.454869	0.801725	-1.24731	0.0201419	2.2563	2.2563	0.289338	1.37616	1.37616	0.192359	0.669922	-1.49271	0.0714354	0.557402	-1.79404
cg23759826	HERPUD2	0.0677819	0.033301	0.425254	-2.35153	0.221392	0.642871	-1.55552	0.175587	0.609538	-1.64059	0.513662	0.796388	-1.25567	0.036122	0.43272	-2.31097
cg23279152	PARM1	0.067782	0.0308705	0.303807	-3.29156	0.0834391	0.406347	-2.46095	0.228359	0.552006	-1.81157	0.152495	0.486628	-2.05496	0.0136375	0.238349	-4.19553
cg15477097	POLD2;POLD2	0.0677827	0.259599	0.738435	-1.35421	0.102681	0.631032	-1.58471	0.147558	0.669888	-1.49279	0.775048	0.928787	-1.07667	0.00403469	0.369426	-2.7069
cg08195863	KANK2	0.0677841	0.0434951	1.2417	1.2417	0.685192	0.962709	-1.03874	0.0941963	1.18718	1.18718	0.929704	1.00826	1.00826	0.04261	1.24318	1.24318
cg14249877	KIF5B	0.067785	0.204714	1.41102	1.41102	0.0435846	0.550462	-1.81665	0.0684651	0.59168	-1.6901	0.133536	1.51645	1.51645	0.591898	1.14939	1.14939
cg25492363	UBE2L6;UBE2L6	0.0677863	0.0578712	0.474531	-2.10734	0.10066	1.86847	1.86847	0.253419	0.660572	-1.51384	0.768442	1.10809	1.10809	0.00858468	0.311806	-3.20712
cg10275770	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.0677878	0.0671791	0.533081	-1.87589	0.848161	1.06054	1.06054	0.0433337	0.490358	-2.03933	0.159726	0.630846	-1.58517	0.00702346	0.343433	-2.91178
cg25100863	CNTN4;CNTN4	0.067788	0.0482322	0.397539	-2.51548	0.0730189	0.441718	-2.26389	0.27266	0.627161	-1.59449	0.149976	0.532237	-1.87886	0.185028	0.563039	-1.77608
cg11424665	IFT122;IFT122;MBD4;IFT122;MBD4;IFT122	0.0677888	0.234408	1.12612	1.12612	0.00671146	0.715328	-1.39796	0.590893	0.949604	-1.05307	0.928248	0.991454	-1.00862	0.380404	0.917834	-1.08952
cg25811527	AKT2;AKT2	0.0677894	0.252715	1.32163	1.32163	0.217919	0.738692	-1.35374	0.684878	0.909666	-1.09931	0.00551098	0.412942	-2.42165	0.251374	0.755981	-1.32279
cg05207107	ERBB3	0.0677896	0.0208089	0.148595	-6.72972	0.0301386	0.174247	-5.73898	0.395715	0.55101	-1.81485	0.420853	0.569217	-1.7568	0.0102135	0.108713	-9.1985
cg27181148	ANO6;ANO6;ANO6;ANO6	0.0677909	0.917939	0.972034	-1.02877	0.0131154	0.428823	-2.33196	0.0118995	0.421477	-2.37261	0.93625	1.02226	1.02226	0.201549	0.689907	-1.44947
cg07532245	LRRC37B2	0.0677935	0.151044	0.593217	-1.68572	0.494466	1.26548	1.26548	0.396117	1.34301	1.34301	0.627804	0.847217	-1.18034	0.215501	0.642486	-1.55645
cg11264947	COL23A1	0.0677939	0.325776	0.594177	-1.683	0.918691	1.05379	1.05379	0.230085	0.52411	-1.908	0.593137	0.758276	-1.31878	0.0156275	0.218543	-4.57577
cg06437052	SLC26A9;SLC26A9;SLC26A9;SLC26A9	0.067795	0.0951087	0.551143	-1.81441	0.0263714	0.425087	-2.35246	0.0314685	0.440614	-2.26956	0.619514	1.17657	1.17657	0.0591223	0.500451	-1.9982
cg19181310	BAHD1	0.0677952	0.0547449	0.257749	-3.87975	0.341586	0.543463	-1.84005	0.56202	0.694325	-1.44025	0.242505	0.46714	-2.14069	0.0641662	0.274077	-3.64862
cg02375320	SFRS7	0.0677965	0.0192052	0.560573	-1.78389	0.314048	1.23704	1.23704	0.0271217	0.586004	-1.70647	0.101681	1.44207	1.44207	0.509654	0.872273	-1.14643
cg13275321	AHRR;PDCD6	0.0677968	0.654392	0.82098	-1.21806	0.361927	1.50717	1.50717	0.354346	0.658935	-1.5176	0.0591013	2.54201	2.54201	0.0319872	0.332872	-3.00416
cg24310246	RAX2	0.0677971	0.225878	0.402926	-2.48184	0.033082	0.168461	-5.93608	0.0117096	0.105274	-9.499	0.335317	0.491567	-2.03431	0.0531262	0.207914	-4.80967
cg04302775	FAM19A5;FAM19A5	0.0677981	0.585253	0.906443	-1.10321	0.0238009	0.61825	-1.61747	0.0530043	0.675748	-1.47984	0.578918	1.10509	1.10509	0.114384	0.73632	-1.35811
cg10210571	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DIS	0.0677989	0.279065	0.881334	-1.13464	0.42744	0.913068	-1.09521	0.519348	1.07607	1.07607	0.450003	0.917227	-1.09024	0.0672651	0.794392	-1.25882
cg14750616	KIAA1217;KIAA1217;KIAA1217	0.0677991	0.329786	0.840325	-1.19002	0.307079	0.832852	-1.20069	0.516359	0.892416	-1.12055	0.533149	0.896564	-1.11537	0.51782	1.1201	1.1201
cg16316624	TMEM216	0.0677991	0.468273	1.37121	1.37121	0.177885	1.84498	1.84498	0.901688	0.948506	-1.05429	0.611782	1.24477	1.24477	0.0163149	3.51217	3.51217
cg02074930	PGF	0.0678007	0.16803	0.688896	-1.4516	0.074075	1.65684	1.65684	0.948466	1.01653	1.01653	0.0101121	0.439083	-2.27748	0.0821118	0.613497	-1.63
cg00871124	GRID2IP	0.0678032	0.0314192	0.121726	-8.2152	0.0862349	0.205645	-4.86276	0.0576226	0.166725	-5.9979	0.528935	0.587282	-1.70276	0.0148991	0.0821964	-12.166
cg02586768	UBE2H;UBE2H;UBE2H	0.0678034	0.617283	1.10148	1.10148	0.40255	0.848446	-1.17863	0.70028	0.928481	-1.07703	0.177279	0.759497	-1.31666	0.0086002	0.525772	-1.90197
cg01264297	KLHDC2	0.0678066	0.251741	1.2701	1.2701	0.405649	1.18517	1.18517	0.00256624	2.30476	2.30476	0.614269	1.10681	1.10681	0.787327	0.947435	-1.05548
cg04056144	BAD;GPR137;GPR137;BAD;GPR137;GPR137	0.0678078	0.409892	0.772845	-1.29392	0.977961	1.00848	1.00848	0.541022	1.20828	1.20828	0.928635	0.972983	-1.02777	0.154183	0.627268	-1.59422
cg24303332	LRP5	0.0678108	0.137129	1.2998	1.2998	0.00791124	0.572472	-1.74681	0.04883	0.691831	-1.44544	0.943238	0.988407	-1.01173	0.252179	1.21638	1.21638
cg13683361	LPPR1	0.067812	0.772423	0.879449	-1.13708	0.261162	1.68055	1.68055	0.269082	0.600569	-1.66509	0.26557	0.59813	-1.67188	0.326691	1.56606	1.56606
cg27076139	ADCYAP1R1	0.0678125	0.794031	0.943573	-1.0598	0.183499	0.729042	-1.37166	0.853776	1.0418	1.0418	0.891517	0.97017	-1.03075	0.323611	0.796641	-1.25527
cg01120527	GGT1;GGT1;GGT1;GGT1	0.0678141	0.063563	0.592577	-1.68754	0.0857114	0.620978	-1.61036	0.0419299	0.555378	-1.80057	0.180285	0.699817	-1.42894	0.00542268	0.399322	-2.50424
cg09869858	P11	0.067817	0.203029	0.782536	-1.2779	0.0176218	1.69372	1.69372	0.871916	1.02988	1.02988	0.192512	0.777476	-1.28621	0.498602	1.13355	1.13355
cg04564333	PPPDE1	0.0678172	0.0827087	0.434095	-2.30364	0.0526899	0.384251	-2.60247	0.0286699	0.325997	-3.06751	0.0441488	0.366357	-2.72958	0.00679187	0.218002	-4.58711
cg19203575	ZNF323;ZKSCAN3;ZNF323	0.0678183	0.937821	1.02363	1.02363	0.948146	0.98072	-1.01966	0.07084	0.546518	-1.82977	0.239474	1.44588	1.44588	0.0243385	0.447835	-2.23296
cg22846510	SEMA3A	0.0678189	0.339155	0.540666	-1.84957	0.00810992	0.120527	-8.29688	0.0179719	0.166197	-6.01695	0.296094	0.508519	-1.96649	0.187422	0.418082	-2.39187
cg23889010	SLPI	0.0678213	0.831995	1.06203	1.06203	0.689547	1.12048	1.12048	0.0323069	0.491586	-2.03423	0.00416102	0.33685	-2.96868	0.699627	0.895983	-1.11609
cg08277694	DIS3L2	0.0678214	0.484487	1.11012	1.11012	0.55025	0.914957	-1.09295	0.985582	0.997346	-1.00266	0.327866	1.16011	1.16011	0.0235054	1.48862	1.48862

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09072560	0.0680646	1.69466	1.69466	0.179861	0.69232	-1.44442	0.508667	1.18896	1.18896	0.0210822	2.04648	2.04648	3.01097	3.17785	0.938153	1
cg19878200	0.176803	0.496824	-2.01279	0.606104	0.776137	-1.28843	0.082496	2.55246	2.55246	0.381479	1.54858	1.54858	3.01093	11.32	3.34191	1
cg01640711	0.909273	1.05723	1.05723	0.136794	0.45727	-2.18689	0.675434	1.22824	1.22824	0.274878	0.574295	-1.74127	3.01091	11.3654	3.35532	1
cg08884209	0.141396	0.751567	-1.33055	0.046073	0.661796	-1.51104	0.781973	1.05138	1.05138	0.387652	0.852226	-1.1734	3.0109	1.55514	0.459116	1
cg11774624	0.0189852	0.368626	-2.71278	0.274425	0.670609	-1.49118	0.767752	1.10966	1.10966	0.231082	0.643142	-1.55487	3.01086	5.88702	1.73801	1
cg04264726	0.328854	0.681213	-1.46797	0.086857	0.486599	-2.05508	0.294594	0.660953	-1.51297	0.299837	0.66413	-1.50573	3.01081	6.91905	2.04273	1
cg26406571	0.0120861	0.482099	-2.07426	0.555925	1.14899	1.14899	0.613346	1.12615	1.12615	0.539436	0.865137	-1.15589	3.0108	2.5925	0.765393	1
cg22294181	0.127742	0.574154	-1.74169	0.217605	0.645949	-1.54811	0.444258	0.768905	-1.30055	0.191244	0.627363	-1.59397	3.01073	5.41339	1.59825	1
cg06566239	0.0765543	0.399387	-2.50384	0.0105308	0.223251	-4.47927	0.109698	0.443781	-2.25336	0.126457	0.462906	-2.16027	3.01071	10.35	3.05576	1
cg19447629	0.676529	0.90674	-1.10285	0.152784	1.42946	1.42946	0.438495	0.831617	-1.20248	0.198594	0.728334	-1.373	3.01065	2.59597	0.766454	1
cg04164584	0.95725	0.966084	-1.03511	0.00270243	0.0694167	-14.4058	0.307235	1.97457	1.97457	0.317731	0.514396	-1.94403	3.01063	19.7554	5.83276	1
cg01047778	0.554993	1.5714	1.5714	0.0875007	0.239812	-4.16992	0.0169335	0.110257	-9.06969	0.276441	0.424468	-2.35589	3.01063	27.3211	8.06657	1
cg23371707	0.0487933	0.542965	-1.84174	0.256969	0.725354	-1.37864	0.910161	1.03111	1.03111	0.771412	1.08227	1.08227	3.01062	3.51209	1.03695	1
cg20595750	0.164542	0.496006	-2.0161	0.0125984	0.230659	-4.3354	0.0740799	0.390174	-2.56296	0.705548	0.835705	-1.19659	3.01061	10.6595	3.14726	1
cg22683035	0.419069	0.745053	-1.34219	0.137228	0.565191	-1.76931	0.443922	1.32078	1.32078	0.541778	0.802395	-1.24627	3.0106	6.05827	1.78872	1
cg12983394	0.0350375	0.438257	-2.28177	0.570075	0.824654	-1.21263	0.851015	0.938797	-1.06519	0.221178	1.54028	1.54028	3.01059	5.37941	1.58829	1
cg21700214	0.35381	0.619591	-1.61397	0.0327614	0.285537	-3.50217	0.0244831	0.260599	-3.83731	0.108037	0.414844	-2.41055	3.01058	12.0053	3.54464	1
cg18152712	0.0217791	1.45771	1.45771	0.0974028	1.28268	1.28268	0.41215	1.12161	1.12161	0.734651	1.04766	1.04766	3.01056	0.893156	0.26371	1
cg09603409	0.0152315	1.79422	1.79422	0.021034	1.72355	1.72355	0.585891	1.11394	1.11394	0.529757	0.882623	-1.13299	3.01052	1.83424	0.541579	1
cg09404643	0.17349	0.829106	-1.20612	0.959965	0.993525	-1.00652	0.00340777	1.67371	1.67371	0.838736	1.02672	1.02672	3.01051	0.798462	0.235756	1
cg15157209	0.442824	1.63775	1.63775	0.386973	1.74907	1.74907	0.272249	2.05543	2.05543	0.312827	1.93131	1.93131	3.01051	18.9519	5.59577	1
cg23172853	0.245145	0.448803	-2.22815	0.325276	0.51202	-1.95305	0.198021	0.407956	-2.45124	0.187652	0.398436	-2.50981	3.0105	20.7076	6.1142	1
cg03162823	0.154365	0.311797	-3.20721	0.0121527	0.0917085	-10.9041	0.0439192	0.17033	-5.87097	0.120584	0.276113	-3.6217	3.01049	27.8592	8.22581	1
cg24446166	0.167893	0.771186	-1.2967	0.407927	0.861016	-1.16142	0.460396	0.875584	-1.1421	0.187601	0.781235	-1.28002	3.01045	1.49008	0.439973	1
cg11296715	0.087626	0.247644	-4.03805	0.708806	1.32011	1.32011	0.0792404	0.236359	-4.23086	0.0935743	0.255326	-3.91656	3.01039	26.128	7.71491	1
cg02221765	0.0755883	0.647984	-1.54325	0.563662	0.879805	-1.13662	0.186236	0.735353	-1.35989	0.234678	0.7609	-1.31423	3.01038	2.29427	0.677438	1
cg16810293	0.104303	0.306375	-3.26397	0.0273223	0.175602	-5.69469	0.0962742	0.296229	-3.37577	0.121872	0.32724	-3.05586	3.01036	21.1587	6.24767	1
cg15824291	0.289311	0.59852	-1.67079	0.0506085	0.353615	-2.82793	0.155762	0.492254	-2.03147	0.0442421	2.94027	2.94027	3.16354	7.27456	3.066	1
cg07469700	0.397913	0.692563	-1.44391	0.459646	0.726488	-1.37648	0.0965914	2.16893	2.16893	0.651012	0.824256	-1.21322	3.01032	8.58814	2.53591	1
cg05050042	0.612251	1.43605	1.43605	0.0980337	3.61454	3.61454	0.0735758	0.243569	-4.10562	0.490449	0.608995	-1.64205	3.01029	23.8998	7.05722	1
cg13948987	0.747246	0.955372	-1.04671	0.17893	0.817424	-1.22335	0.00249284	1.80999	1.80999	0.300319	1.16362	1.16362	3.01029	0.95041	0.280641	1
cg00905354	0.150291	1.33531	1.33531	0.0032523	2.12237	2.12237	0.486859	1.14166	1.14166	0.614095	0.909056	-1.10004	3.01028	1.67663	0.495084	1
cg05652533	0.610402	0.876515	-1.14088	0.00997252	0.434028	-2.304	0.0734213	0.599293	-1.66863	0.320153	0.768362	-1.30147	3.01025	3.13674	0.926238	1
cg09169615	0.358759	0.89318	-1.1196	0.321611	0.884635	-1.13041	0.555781	0.931153	-1.07394	0.0285065	0.733876	-1.36263	3.01016	0.683204	0.201747	1
cg07216337	0.482652	1.08251	1.08251	0.0267755	0.741737	-1.34819	0.139728	1.19499	1.19499	0.0483688	0.774676	-1.29086	3.23823	0.616756	0.148136	1
cg06780363	0.611258	0.906018	-1.10373	0.934496	1.01595	1.01595	0.00215385	2.2922	2.2922	0.0557637	1.51786	1.51786	3.01013	1.76742	0.521918	1
cg04270799	0.860701	0.967141	-1.03398	0.0129346	0.556065	-1.79835	0.109821	0.717803	-1.39314	0.978971	0.994999	-1.00503	3.01012	1.72492	0.50937	1
cg06628473	0.750772	0.926203	-1.07968	0.728572	1.08743	1.08743	0.741969	1.08273	1.08273	0.0935147	0.641612	-1.55858	3.0101	2.75927	0.814819	1
cg05116906	0.124072	0.571958	-1.74838	0.696675	0.876853	-1.14044	0.0113712	2.89489	2.89489	0.181353	1.60964	1.60964	3.0101	5.36509	1.58432	1
cg11238064	0.394807	1.19176	1.19176	0.0857324	1.46564	1.46564	0.755572	1.06488	1.06488	0.706966	0.926797	-1.07899	3.01009	1.9317	0.570436	1
cg09386971	0.554715	0.745577	-1.34124	0.0514221	2.97334	2.97334	0.0433928	3.13141	3.13141	0.051819	2.96637	2.96637	3.01007	11.5103	3.39904	1
cg02658272	0.385466	0.79429	-1.25899	0.236513	0.725384	-1.37858	0.342484	1.28809	1.28809	0.167714	0.68344	-1.46319	3.01004	3.19408	0.94324	1
cg03059921	0.156464	2.22663	2.22663	0.0106293	5.45445	5.45445	0.215056	1.99208	1.99208	0.0572602	3.11382	3.11382	3.01003	13.2949	3.9261	1
cg23662675	0.0184679	1.99622	1.99622	0.923261	0.976964	-1.02358	0.858829	0.95785	-1.04401	0.581827	0.874118	-1.14401	3.01001	2.78918	0.823675	1
cg26337738	0.571095	1.17585	1.17585	0.879358	0.957928	-1.04392	0.0127661	0.416656	-2.40006	0.223502	1.43609	1.43609	3.01	3.81768	1.12741	1
cg25230549	0.447683	0.511297	-1.95581	0.105708	0.216118	-4.62711	0.469648	0.52853	-1.89204	0.0241736	0.0972912	-10.2784	3.01	35.8211	10.5784	1
cg16235707	0.342754	0.825842	-1.21089	0.012378	0.543594	-1.83961	0.575699	1.11706	1.11706	0.738545	0.936526	-1.06778	3.00999	1.827	0.539536	1
cg00774102	0.339947	0.771904	-1.2955	0.0197096	0.476425	-2.09897	0.202916	0.701991	-1.42452	0.125287	0.646125	-1.54769	3.00999	3.30344	0.975548	1
cg08386832	0.297244	1.32408	1.32408	0.0587989	0.574395	-1.74096	0.34109	1.29025	1.29025	0.722254	1.09714	1.09714	3.00998	3.21678	0.94996	1
cg02748539	0.723788	0.886781	-1.12767	0.70922	0.880868	-1.13524	0.600503	0.836163	-1.19594	0.398022	1.34048	1.34048	3.00993	5.46646	1.61435	1
cg08347042	0.0712037	7.98189	7.98189	0.182514	4.29826	4.29826	0.607907	0.586605	-1.70472	0.0082871	32.4363	32.4363	3.00991	50.6456	14.9567	1
cg00424297	0.169151	0.683164	-1.46378	0.246086	0.729403	-1.37098	0.649342	1.12644	1.12644	0.524092	1.18285	1.18285	3.00988	3.22521	0.952481	1
cg05143123	0.592592	1.11126	1.11126	0.177114	0.755642	-1.32338	0.00998841	1.88765	1.88765	0.0307174	1.64166	1.64166	3.00986	1.81841	0.537023	1
cg24269276	0.757849	0.962677	-1.03877	0.0265521	0.723697	-1.38179	0.74897	1.04028	1.04028	0.987523	0.998079	-1.00193	3.00985	0.721187	0.212986	1
cg03733760	0.570749	1.45707	1.45707	0.716739	0.787109	-1.27047	0.79229	0.840806	-1.18933	0.618606	1.39059	1.39059	3.00984	20.576	6.07667	1
cg07304068	0.876639	0.96384	-1.03752	0.022176	0.521971	-1.91582	0.601515	0.882566	-1.13306	?	?	?	3.04972	2.41335	0.791333	1
cg18885406	0.327217	0.856476	-1.16758	0.00460806	0.561259	-1.78171	0.495708	0.899459	-1.11178	0.994027	1.00115	1.00115	3.00981	1.11853	0.330336	1
cg27356188	0.137162	0.720211	-1.38848	0.0341751	1.65973	1.65973	0.0687877	1.5182	1.5182	0.122905	1.40866	1.40866	3.00979	2.00316	0.591599	1
cg25884040	0.0699854	0.7797	-1.28255	0.0153478	0.693865	-1.4412	0.649001	1.0579	1.0579	0.591483	1.06881	1.06881	3.00978	0.719141	0.212387	1
cg12157519	0.852005	1.03015	1.03015	0.00286845	0.520744	-1.92033	0.730656	1.05651	1.05651	0.091802	1.3435	1.3435	3.00977	1.20623	0.35624	1
cg21250756	0.0215721	0.432036	-2.31462	0.0532696	0.512855	-1.94987	0.0373012	0.479468	-2.08564	0.851519	1.05864	1.05864	3.00977	4.40873	1.30205	1
cg17404412	0.123132	0.557485	-1.79377	0.384655	1.36592	1.36592	0.64483	0.850118	-1.17631	0.810508	0.919401	-1.08767	3.00977	5.83391	1.72295	1
cg04034685	0.24411	0.65196	-1.53384	0.790259	1.09809	1.09809	0.293379	0.682075	-1.46611	0.50802	0.789996	-1.26583	3.00976	5.87381	1.73474	1
cg23875597	0.98396	0.991009	-1.00907	0.56489	0.769962	-1.29877	0.961767	1.02177	1.02177	0.360176	0.655318	-1.52598	3.00976	9.62097	2.84142	1
cg16929726	0.637852	0.817325	-1.2235	0.311819	1.56075	1.56075	0.723674	1.16303	1.16303	0.0360605	0.354404	-2.82164	3.00975	8.62854	2.54833	1
cg02232988	0.509385	0.670542	-1.49133	0.0127008	0.147936	-6.75966	0.851062	1.11853	1.11853	0.0736699	0.298653	-3.34837	3.23774	17.8219	4.28121	1
cg15274684	0.119228	0.612788	-1.63189	0.810149	0.932665	-1.0722	0.0545179	1.88102	1.88102	0.199637	0.675377	-1.48065	3.00972	3.99896	1.18105	1
cg24328816	0.0114339	0.268677	-3.72194	0.0178593	0.302548	-3.30526	0.116118	0.492089	-2.03215	0.139461	0.516651	-1.93554	3.0097	8.21913	2.42745	1
cg10189441	0.205438	0.681091	-1.46823	0.00687296	0.365609	-2.73516	0.112867	1.64237	1.64237	0.165461	0.653574	-1.53005	3.00968	3.93995	1.16364	1
cg17903359	0.457925	0.612261	-1.63329	0.329303	0.520247	-1.92216	0.0513201	0.236887	-4.22143	0.0340608	0.200785	-4.98045	3.00968	20.0805	5.93065	1
cg18935740	0.0553231	0.336318	-2.97338	0.0111022	0.202445	-4.93962	0.0202972	0.245704	-4.06995	0.213196	0.518086	-1.93018	3.00966	11.9953	3.54274	1
cg00309178	0.889413	1.02938	1.02938	0.0133159	0.528165	-1.89335	0.273519	1.2677	1.2677	0.1336	1.40046	1.40046	3.00964	2.06541	0.610015	1
cg17237460	0.537308	0.907417	-1.10203	0.00274582	0.525808	-1.90183	0.483916	0.895255	-1.117	0.0596455	0.718503	-1.39178	3.00963	1.15307	0.340558	1
cg08370996	0.531145	0.875209	-1.14258	0.361414	0.821087	-1.2179	0.384825	0.829266	-1.20589	0.772222	0.940837	-1.06288	3.00963	2.10438	0.621524	1
cg13582060	0.202091	1.28684	1.28684	0.0524094	1.51138	1.51138	0.610159	1.10107	1.10107	0.871506	1.03077	1.03077	3.00962	1.67113	0.493566	1
cg02921472	0.0211099	0.64677	-1.54615	0.0805637	0.737465	-1.356	0.0996268	0.753087	-1.32787	0.830639	0.966905	-1.03423	3.00961	1.17687	0.347589	1
cg13568311	0.855035	1.07036	1.07036	0.421398	1.35712	1.35712	0.490552	0.770773	-1.2974	0.266088	0.649966	-1.53854	3.0096	6.5886	1.94595	1
cg15881088	0.853283	0.973227	-1.02751	0.0687572	0.741843	-1.34799	0.359371	0.870967	-1.14815	0.247114	1.19412	1.19412	3.00957	1.02432	0.302536	1
cg13763783	0.655073	0.890615	-1.12282	0.00818141	0.418181	-2.39131	0.34791	0.779589	-1.28273	0.818532	1.061	1.061	3.00956	3.16379	0.934441	1
cg01093854	0.367849	1.53494	1.53494	0.568583	0.765721	-1.30596	0.0409541	2.98253	2.98253	0.525248	1.34744	1.34744	3.00956	10.2282	3.02095	1
cg01245129	0.00172698	0.344964	-2.89885	0.838276	1.04986	1.04986	0.641665	0.894423	-1.11804	0.528343	0.858916	-1.16426	3.00956	2.70147	0.797894	1
cg00672622	0.0303871	2.17002	2.17002	0.0194053	0.422958	-2.3643	0.94086	1.02285	1.02285	0.962005	1.01461	1.01461	3.0095	4.41766	1.3048	1
cg02708121	0.376141	0.685934	-1.45787	0.00664936	0.231822	-4.31365	0.384003	1.44844	1.44844	0.895817	1.05588	1.05588	3.00948	8.21098	2.42522	1
cg16235809	0.219426	0.406544	-2.45976	0.0218752	0.14702	-6.80178	0.0389952	0.189126	-5.28748	0.322256	0.490346	-2.03938	3.00947	23.1522	6.83831	1
cg25631714	0.742951	0.90771	-1.10167	0.00187258	0.273128	-3.66128	0.423303	0.786128	-1.27206	0.217438	1.46492	1.46492	3.00946	4.12652	1.21883	1
cg14952966	0.249036	1.41876	1.41876	0.0362555	0.493194	-2.0276	0.800986	0.929296	-1.07608	0.777675	0.921106	-1.08565	3.00945	4.01721	1.18655	1
cg23759826	0.278289	0.678754	-1.47329	0.00678171	0.299387	-3.34016	0.0440037	0.451355	-2.21555	0.0618436	0.485372	-2.06028	3.0094	5.63097	1.66323	1
cg23279152	0.0386171	0.324381	-3.0828	0.0611265	0.370921	-2.69599	0.0228566	0.278083	-3.59604	0.366048	0.646326	-1.54721	3.0094	10.5275	3.10953	1
cg15477097	0.0420679	0.546657	-1.8293	0.0585557	0.576384	-1.73495	0.774028	0.928465	-1.07705	0.0725535	0.596559	-1.67628	3.00939	3.1685	0.935887	1
cg08195863	0.0367629	1.25386	1.25386	0.0760529	0.831867	-1.20211	0.578153	0.948967	-1.05378	0.276631	1.11128	1.11128	3.00936	0.414423	0.12241	1
cg14249877	0.167933	0.685156	-1.45952	0.043722	1.81574	1.81574	0.307202	1.31255	1.31255	0.747951	1.08649	1.08649	3.00935	3.15508	0.931937	1
cg25492363	0.154223	0.588476	-1.6993	0.758037	0.898148	-1.1134	0.9388	0.973659	-1.02705	0.0764119	0.50396	-1.98428	3.00932	5.75994	1.70136	1
cg10275770	0.124845	0.600812	-1.66441	0.0478209	0.499645	-2.00142	0.625045	1.16304	1.16304	0.327551	0.733508	-1.36331	3.0093	4.48161	1.32378	1
cg25100863	0.0156665	0.29803	-3.35537	0.917778	0.958682	-1.0431	0.823756	0.912879	-1.09544	0.0073031	0.243265	-4.11074	3.00929	7.95853	2.3508	1
cg11424665	0.691288	0.962679	-1.03877	0.389032	0.919322	-1.08776	0.0239534	1.29264	1.29264	0.793779	0.975345	-1.02528	3.00928	0.432774	0.127834	1
cg25811527	0.107479	0.661722	-1.51121	0.125881	0.677913	-1.47511	0.214933	1.35674	1.35674	0.678463	1.10158	1.10158	3.23722	2.69841	0.648323	1
cg05207107	0.0412843	0.19928	-5.01805	0.0778001	0.261059	-3.83055	0.852281	0.880089	-1.13625	0.232845	0.424329	-2.35666	3.00926	22.3784	6.61023	1
cg27181148	0.536854	1.18782	1.18782	0.131574	0.63889	-1.56522	0.92299	1.02697	1.02697	0.0477989	0.536412	-1.86424	3.00924	3.61033	1.06644	1
cg07532245	0.0027145	4.07705	4.07705	0.79591	1.09195	1.09195	0.998108	0.999196	-1.00081	0.372868	1.36405	1.36405	3.0092	5.48882	1.62135	1
cg11264947	0.284226	0.565086	-1.76964	0.00336349	0.129151	-7.74288	0.0951231	0.390272	-2.56231	0.361768	0.618175	-1.61766	3.00919	12.5461	3.70601	1
cg06437052	0.676217	1.14618	1.14618	0.101384	1.79082	1.79082	0.842543	0.937435	-1.06674	0.261961	0.683872	-1.46226	3.00917	5.02928	1.48562	1
cg19181310	0.0732489	0.288511	-3.46607	0.00976906	0.130914	-7.63858	0.0147487	0.15452	-6.47167	0.0726345	0.287569	-3.47742	3.00916	18.454	5.45121	1
cg02375320	0.976446	0.993986	-1.00605	0.242501	0.77888	-1.28389	0.826212	1.04595	1.04595	0.165404	1.35293	1.35293	3.00914	1.98927	0.587622	1
cg13275321	0.347428	0.654739	-1.52733	0.0130969	0.25999	-3.8463	0.211212	0.561791	-1.78002	0.943166	1.0317	1.0317	3.00914	9.13298	2.69785	1
cg24310246	0.530867	0.635245	-1.5742	0.0348622	0.172438	-5.79918	0.0250936	0.148895	-6.71616	0.113665	0.292211	-3.42218	3.00913	24.3479	7.19231	1
cg04302775	0.0584793	1.46382	1.46382	0.955701	1.00995	1.00995	0.257051	1.23472	1.23472	0.138967	0.752854	-1.32828	3.00911	1.51418	0.447286	1
cg10210571	0.030325	0.751428	-1.3308	0.963589	1.00514	1.00514	0.0117879	1.42338	1.42338	0.628858	0.946801	-1.05619	3.0091	0.600419	0.177364	1
cg14750616	0.170888	1.28689	1.28689	0.00285045	2.03462	2.03462	0.39665	0.860585	-1.162	0.891643	1.02386	1.02386	3.0091	1.426	0.421243	1
cg16316624	0.223258	1.72881	1.72881	0.0459495	2.66066	2.66066	0.00460872	5.01753	5.01753	0.483934	1.3557	1.3557	3.00909	8.72146	2.57633	1
cg02074930	0.138836	0.667558	-1.498	0.375429	1.25953	1.25953	0.683707	0.901317	-1.10949	0.214255	0.717729	-1.39328	3.00907	3.06618	0.90576	1
cg00871124	0.378993	0.470907	-2.12356	0.020732	0.0979282	-10.2116	0.0531143	0.159831	-6.2566	0.0930049	0.213952	-4.67393	3.00902	33.1795	9.8015	1
cg02586768	0.636806	1.09554	1.09554	0.0104221	0.538623	-1.85659	0.292324	0.81091	-1.23318	0.0807921	0.689715	-1.44987	3.00902	1.75397	0.518137	1
cg01264297	0.659551	0.915279	-1.09256	0.0562252	1.53997	1.53997	0.319277	0.814218	-1.22817	0.624462	1.10354	1.10354	3.00896	1.90024	0.561356	1
cg04056144	0.105343	0.582161	-1.71774	0.0123646	2.59144	2.59144	0.0265924	2.23349	2.23349	0.843865	1.06214	1.06214	3.00894	4.45491	1.31605	1
cg24303332	0.630673	1.08256	1.08256	0.240202	1.22308	1.22308	0.719794	0.942716	-1.06076	0.421378	0.874149	-1.14397	3.00889	1.2779	0.377519	1
cg13683361	0.363641	0.661283	-1.51221	0.00494438	0.192257	-5.20137	0.139914	2.02098	2.02098	0.367657	1.50672	1.50672	3.00887	9.35157	2.76267	1
cg27076139	0.254993	1.30406	1.30406	0.00213206	0.363166	-2.75356	0.247527	0.763274	-1.31014	0.274939	0.776001	-1.28866	3.23675	2.47126	0.593834	1
cg01120527	0.0493842	0.569717	-1.75526	0.886358	0.964763	-1.03652	0.215452	0.721034	-1.3869	0.109879	0.645854	-1.54834	3.00883	2.99882	0.885931	1
cg09869858	0.270944	0.81127	-1.23263	0.0150621	1.72492	1.72492	0.558061	0.897544	-1.11415	0.903139	0.978028	-1.02247	3.00878	1.58681	0.468795	1
cg04564333	0.098821	0.455697	-2.19444	0.136637	0.498404	-2.00641	0.458125	0.7203	-1.38831	0.287833	0.61927	-1.6148	3.00877	8.98618	2.65481	1
cg19203575	0.132273	1.62619	1.62619	0.0197549	0.430557	-2.32257	0.681494	0.883796	-1.13148	0.23196	0.687112	-1.45537	3.00875	4.26971	1.26142	1
cg22846510	0.722582	0.800516	-1.24919	0.508231	0.657741	-1.52036	0.110207	2.96424	2.96424	0.958619	0.968131	-1.03292	3.00874	18.5657	5.48495	1
cg23889010	0.250833	0.711825	-1.40484	0.478789	0.815471	-1.22629	0.210482	0.688094	-1.45329	0.0435959	0.518244	-1.92959	3.0087	3.82449	1.1299	1
cg08277694	0.0119646	1.58579	1.58579	0.35644	0.869816	-1.14967	0.575037	1.08686	1.08686	0.0228576	1.49247	1.49247	3.0087	1.03036	0.304409	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04309194	SLC6A19	0.0678219	0.102241	0.418631	-2.38874	0.972673	1.01682	1.01682	0.565658	0.753707	-1.32677	0.643617	0.797044	-1.25464	0.0265968	0.278139	-3.59532	0.1874	0.506456	-1.97451	0.00469251	0.160441	-6.23281	0.277441	0.576967	-1.7332	0.0349549	0.302226	-3.30878	3.00869	11.2971	3.33763	1
cg24441911	RBP5	0.0678222	0.6778	1.17158	1.17158	0.0669022	2.1782	2.1782	0.0434601	0.414747	-2.41111	0.0205865	0.34747	-2.87795	0.118256	0.525815	-1.90181	0.306342	1.4939	1.4939	0.336699	0.687002	-1.4556	0.465794	1.32486	1.32486	0.591707	1.22778	1.22778	3.00869	6.84474	2.02222	1
cg19589317	CHSY1	0.0678232	0.0277358	0.349491	-2.8613	0.0730949	0.445902	-2.24264	0.208484	0.585224	-1.70875	0.0388329	0.380407	-2.62877	0.0422272	0.388495	-2.57404	0.301791	0.649044	-1.54073	0.449387	0.732377	-1.36542	0.438377	1.37627	1.37627	0.0157125	0.302334	-3.3076	3.00867	7.77936	2.29836	1
cg21092030	ASPG	0.0678232	0.796049	0.929958	-1.07532	0.0380504	1.9624	1.9624	0.677211	0.889263	-1.12453	0.488767	0.821055	-1.21795	0.0225718	0.465024	-2.15042	0.297639	0.738823	-1.3535	0.0172937	0.443577	-2.2544	0.430531	0.798058	-1.25304	0.471163	1.22814	1.22814	3.00867	3.74525	1.10651	1
cg25963041	ZFP28	0.0678245	0.870053	0.968325	-1.03271	0.149038	0.737698	-1.35557	0.112512	1.40448	1.40448	0.934919	1.01619	1.01619	0.107468	1.41254	1.41254	0.509335	0.876691	-1.14065	0.244062	1.27075	1.27075	0.00416221	2.12776	2.12776	0.663847	1.08977	1.08977	3.00865	1.84175	0.544135	1
cg13887966	MYO1E	0.0678257	0.634892	1.13033	1.13033	0.370471	1.26559	1.26559	0.594448	0.871426	-1.14754	0.996726	0.99895	-1.00105	0.0343112	0.531338	-1.88204	0.107662	1.56775	1.56775	0.0270548	1.9549	1.9549	0.0438248	0.552452	-1.81011	0.716465	0.910816	-1.09792	3.00862	3.1255	0.923419	1
cg04749197	NUMA1	0.0678273	0.112589	0.499687	-2.00125	0.957123	1.02183	1.02183	0.699661	0.855816	-1.16848	0.427016	0.721986	-1.38507	0.00181721	0.168553	-5.93285	0.40148	0.708285	-1.41186	0.512344	1.30591	1.30591	0.794654	1.11045	1.11045	0.139207	0.527689	-1.89506	3.0086	7.68721	2.27119	1
cg06895640	C11orf75	0.0678274	0.0941889	0.590279	-1.69412	0.113418	0.610479	-1.63806	0.791552	0.926921	-1.07884	0.721763	0.902633	-1.10787	0.159483	0.650057	-1.53833	0.992369	1.00274	1.00274	0.0103295	0.396273	-2.52351	0.018766	0.442276	-2.26103	0.223705	1.44228	1.44228	3.00859	3.91088	1.15547	1
cg23468453	ASCC1	0.067828	0.0226929	0.20399	-4.90219	0.024827	0.210815	-4.74349	0.00975521	0.148856	-6.71788	0.323514	0.551969	-1.8117	0.0419183	0.255029	-3.92113	0.474887	0.654756	-1.52729	0.064349	0.297837	-3.35754	0.387361	0.596683	-1.67593	0.326937	0.554437	-1.80363	3.00858	16.1839	4.78154	1
cg14489570	LY6E;LY6E;LOC100133669	0.0678281	0.0285404	0.205048	-4.87692	0.394041	0.585467	-1.70804	0.267267	0.49228	-2.03137	0.662567	0.76395	-1.30899	0.0466359	0.247315	-4.04342	0.426623	0.607887	-1.64504	0.371685	0.569813	-1.75496	0.00669696	0.1157	-8.64306	0.018977	0.175191	-5.70804	3.00858	17.9176	5.29377	1
cg00347673	FAP	0.06783	0.0641771	0.492751	-2.02942	0.212637	0.639756	-1.5631	0.0280515	0.413572	-2.41796	0.397184	0.744532	-1.34313	0.0133157	0.352225	-2.83909	0.279922	0.682354	-1.46552	0.0390972	0.44374	-2.25357	0.289946	1.45315	1.45315	0.13593	0.578813	-1.72767	3.00855	5.51704	1.63004	1
cg15326844	PVT1	0.0678316	0.096764	0.737718	-1.35553	0.331936	0.846185	-1.18177	0.0494548	0.687929	-1.45364	0.532631	0.899913	-1.11122	0.00705744	1.78785	1.78785	0.693253	0.935992	-1.06839	0.451221	1.13664	1.13664	0.73613	1.05806	1.05806	0.644325	1.08066	1.08066	3.00852	1.32657	0.391946	1
cg24607283	HRH1;HRH1;HRH1;HRH1	0.0678321	0.0173337	0.155565	-6.42818	0.99308	0.994447	-1.00558	0.986872	0.989492	-1.01062	0.05664	0.250246	-3.99607	0.0161756	0.151231	-6.61241	0.0682018	0.269516	-3.71036	0.0406618	0.219267	-4.56064	0.374507	0.556966	-1.79544	0.0933096	0.30568	-3.27139	3.00851	19.6422	5.80344	1
cg19767477	SLC12A2	0.0678326	0.096044	0.755502	-1.32362	0.255877	0.833655	-1.19954	0.014545	1.58678	1.58678	0.469801	1.11941	1.11941	0.212183	0.81744	-1.22333	0.347529	1.15994	1.15994	0.233902	0.825781	-1.21097	0.079193	0.741604	-1.34843	0.401087	1.14092	1.14092	3.0085	1.12114	0.331252	1
cg16031250	TGFBI	0.0678327	0.0370786	4.77204	4.77204	0.0574545	4.00343	4.00343	0.536124	1.49848	1.49848	0.205272	2.36962	2.36962	0.27364	2.08638	2.08638	0.0248278	5.60934	5.60934	0.0126785	7.38955	7.38955	0.0309088	5.13437	5.13437	0.0916562	3.31662	3.31662	3.0085	19.8572	5.86701	1
cg23834064	DNAJC30;WBSCR22	0.0678331	0.911428	1.04723	1.04723	0.263671	0.616765	-1.62136	0.534808	0.770506	-1.29785	0.321107	1.52984	1.52984	0.060046	0.414853	-2.41049	0.0320641	2.83364	2.83364	0.0121278	0.273385	-3.65784	0.498699	0.752125	-1.32957	0.787933	0.894201	-1.11832	3.00849	8.19642	2.42171	1
cg20173193	DHX30;DHX30	0.0678359	0.693906	1.04578	1.04578	0.00673884	1.48815	1.48815	0.445777	1.09194	1.09194	0.790888	1.03053	1.03053	0.657225	0.950717	-1.05184	0.0474879	1.29246	1.29246	0.0419498	1.30377	1.30377	0.567911	0.936763	-1.06751	0.0498478	1.28806	1.28806	3.00844	0.610154	0.180279	1
cg10502149	ARID5B	0.0678364	0.399166	0.791978	-1.26266	0.929329	0.976317	-1.02426	0.723064	0.908337	-1.10091	0.430259	0.804497	-1.24301	0.00322175	0.337538	-2.96263	0.0401648	1.89775	1.89775	0.852201	1.05169	1.05169	0.558093	0.85211	-1.17356	0.473272	0.821119	-1.21785	3.00843	3.47861	1.02781	1
cg20026633	CDH29	0.067837	0.0248127	0.189145	-5.28695	0.203761	0.433402	-2.30733	0.0935186	0.316718	-3.15738	0.120763	0.350349	-2.8543	0.119996	0.349462	-2.86154	0.0903279	0.312439	-3.20062	0.00704975	0.114075	-8.76617	0.051634	0.251403	-3.97768	0.0746128	0.289982	-3.44849	3.00842	18.5117	5.46958	1
cg01101020	EP400	0.0678374	0.0178763	0.138914	-7.19869	0.176542	0.373357	-2.6784	0.0530907	0.221539	-4.51388	0.0720012	0.252287	-3.96374	0.052475	0.220441	-4.53636	0.533972	0.649237	-1.54027	0.00912127	0.10316	-9.69366	0.741019	0.796568	-1.25539	0.124806	0.31999	-3.1251	3.00842	22.406	6.62025	1
cg10605963	CEP72	0.0678376	0.0568863	0.25804	-3.87537	0.24221	2.15854	2.15854	0.674552	0.766835	-1.30406	0.897555	1.08434	1.08434	0.0137188	0.147239	-6.79166	0.0833661	0.299726	-3.33638	0.0189231	0.167498	-5.97023	0.942159	0.95541	-1.04667	0.260337	0.47805	-2.09183	3.00841	18.8285	5.5632	1
cg08552167	INPP5A	0.0678376	0.0239352	0.0715922	-13.968	0.0336604	0.0882032	-11.3375	0.289279	0.340777	-2.93447	0.432169	0.456326	-2.19141	0.0232869	0.0703933	-14.2059	0.37454	0.409822	-2.44008	0.0141767	0.0517229	-19.3338	0.0738463	0.142269	-7.02892	0.0895481	0.160103	-6.24597	3.00841	45.6369	13.4842	1
cg01974478	FOXK1	0.0678395	0.0653379	4.68966	4.68966	0.0401409	5.87936	5.87936	0.221133	2.61366	2.61366	0.144195	3.22803	3.22803	0.184889	2.85875	2.85875	0.251859	2.4453	2.4453	0.0626453	0.209105	-4.78229	0.0227041	7.67006	7.67006	0.319512	2.15639	2.15639	3.00838	26.5859	7.85536	1
cg00463859	TCEA3	0.0678396	0.344635	1.48386	1.48386	0.0076608	4.01332	4.01332	0.021922	3.04868	3.04868	0.398356	1.41988	1.41988	0.411606	0.711502	-1.40548	0.497806	1.32187	1.32187	0.260652	1.60906	1.60906	0.937361	0.968637	-1.03238	0.149953	0.534858	-1.86966	3.00838	7.83163	2.31402	1
cg20569680	MYLIP;MYLIP	0.0678411	0.0232131	1.55329	1.55329	0.354079	1.16735	1.16735	0.350902	1.16861	1.16861	0.0218692	0.639886	-1.56278	0.606144	1.08807	1.08807	0.037938	1.47782	1.47782	0.872597	1.02639	1.02639	0.146139	1.28814	1.28814	0.474705	1.12522	1.12522	3.00835	1.25494	0.370803	1
cg16245716	FAM60A;FAM60A;FAM60A	0.0678435	0.0249089	0.282005	-3.54604	0.116377	0.445227	-2.24605	0.165477	0.495833	-2.01681	0.316999	0.612278	-1.63325	0.224179	0.545773	-1.83226	0.0144078	0.239234	-4.18001	0.0180402	0.256062	-3.9053	0.441311	0.689102	-1.45116	0.0260094	0.285653	-3.50075	3.00831	10.7156	3.16622	1
cg10317198	NPC2;ISCA2	0.0678436	0.021724	1.50194	1.50194	0.194083	0.816412	-1.22487	0.193848	0.816315	-1.22502	0.387861	0.877513	-1.13958	0.480109	0.899448	-1.11179	0.680694	1.06299	1.06299	0.0973687	1.30809	1.30809	0.0308655	0.687798	-1.45391	0.529612	1.09858	1.09858	3.00831	1.03847	0.306845	1
cg21684681	VEGFB	0.0678462	0.0351988	0.599161	-1.669	0.462931	0.85555	-1.16884	0.363819	0.82295	-1.21514	0.0153826	0.537408	-1.86078	0.737297	0.93212	-1.07282	0.103687	0.68966	-1.44999	0.0104113	0.509887	-1.96122	0.0654757	0.649409	-1.53986	0.0855425	0.672444	-1.48711	3.00826	2.07718	0.61377	1
cg24799620	PDGFRA	0.0678483	0.200045	2.77939	2.77939	0.00171075	29.4077	29.4077	0.594199	1.5009	1.5009	0.87946	1.12142	1.12142	0.56928	0.647687	-1.54395	0.394303	1.93261	1.93261	?	?	?	0.281818	2.32706	2.32706	0.534572	1.60794	1.60794	3.04809	24.4696	8.02785	1
cg11150353	H6PD	0.0678487	0.147303	0.52506	-1.90454	0.242805	0.602658	-1.65931	0.0410401	0.376514	-2.65595	0.436664	0.719819	-1.38924	0.0201414	0.313094	-3.19393	0.0678205	0.42849	-2.33378	0.0280278	0.341218	-2.93068	0.0528791	0.401884	-2.48828	0.33613	1.50817	1.50817	3.00822	8.17786	2.41645	1
cg17384889	NKAPL	0.06785	0.0307725	6.88666	6.88666	0.804519	0.828103	-1.20758	0.290757	2.30226	2.30226	0.425865	1.85607	1.85607	0.816934	0.838309	-1.19288	0.118039	0.275023	-3.63606	0.0128628	10.4794	10.4794	0.736864	1.2924	1.2924	0.0413067	5.9907	5.9907	3.00819	27.5623	8.14435	1
cg24457158	LAIR2;LAIR2	0.0678514	0.0265629	0.3578	-2.79485	0.0544058	0.426	-2.34742	0.051371	0.420105	-2.38036	0.231141	0.611976	-1.63405	0.0862159	0.476582	-2.09827	0.509361	1.29912	1.29912	0.0184013	0.326875	-3.05927	0.0940073	0.486817	-2.05416	0.851765	1.07588	1.07588	3.00817	7.28212	2.15181	1
cg05925365	ICMT	0.0678521	0.0512691	0.271508	-3.68313	0.460266	0.642999	-1.55521	0.867557	0.906612	-1.10301	0.251364	0.494626	-2.02173	0.0599609	0.287476	-3.47855	0.131147	0.383883	-2.60496	0.00839291	0.138358	-7.22763	0.0187519	0.187678	-5.32827	0.0682664	0.301436	-3.31746	3.00816	16.4392	4.85767	1
cg09325003	MITF;MITF	0.0678522	0.173824	0.451123	-2.21669	0.0465921	0.285443	-3.50333	0.228389	0.498825	-2.00471	0.0716272	3.02415	3.02415	0.0181501	0.206336	-4.84647	0.644526	1.29123	1.29123	0.25788	0.522293	-1.91463	0.211125	2.06433	2.06433	0.727418	0.824884	-1.21229	3.00815	14.4193	4.26079	1
cg06528150	KIAA1841;KIAA1841;KIAA1841	0.0678526	0.609974	0.930458	-1.07474	0.429347	1.11967	1.11967	0.633553	1.0696	1.0696	0.658189	1.06437	1.06437	0.747956	0.955835	-1.04621	0.531467	0.915022	-1.09287	0.00314715	0.568095	-1.76027	0.301334	1.16187	1.16187	0.0846084	1.30635	1.30635	3.00815	0.935167	0.276336	1
cg02236998	BRUNOL6	0.0678537	0.586262	1.25875	1.25875	0.0218422	0.315928	-3.16528	0.521443	0.761773	-1.31273	0.323785	0.652648	-1.53222	0.00491069	0.210015	-4.76156	0.648998	0.825407	-1.21152	0.486988	1.3441	1.3441	0.467572	1.36276	1.36276	0.184453	0.554628	-1.80301	3.00813	8.35328	2.46836	1
cg25976170	GAS2L1;GAS2L1;GAS2L1	0.0678549	0.581461	0.714962	-1.39868	0.00491619	0.105872	-9.44533	0.0445817	0.249113	-4.01424	0.88042	1.09496	1.09496	0.346265	0.557374	-1.79413	0.0966724	0.333199	-3.00121	0.0621609	0.282121	-3.54458	0.0805358	0.310956	-3.21588	0.702683	1.26001	1.26001	3.00811	17.302	5.11271	1
cg14562076	C21orf125	0.0678549	0.220993	0.793959	-1.25951	0.380131	0.850911	-1.17521	0.0247216	0.619089	-1.61528	0.72533	1.0653	1.0653	0.0130616	0.57571	-1.73699	0.770296	1.05391	1.05391	0.268735	1.22945	1.22945	0.04034	0.653954	-1.52916	0.16497	0.766723	-1.30425	3.00811	1.53209	0.452728	1
cg02932321	DEFA6	0.0678557	0.319922	0.57813	-1.72971	0.612299	0.761495	-1.31321	0.0379987	0.277342	-3.60565	0.239496	0.518565	-1.9284	0.100839	0.383624	-2.60672	0.739864	0.837234	-1.19441	0.00563371	0.144111	-6.9391	0.43708	1.52601	1.52601	0.0368758	0.274598	-3.64169	3.00809	13.5417	4.00155	1
cg16206496	PLXDC1	0.0678566	0.527251	0.732392	-1.36539	0.0406449	0.316881	-3.15576	0.00275645	0.134243	-7.44919	0.611493	1.28281	1.28281	0.835946	0.904099	-1.10607	0.682804	1.22111	1.22111	0.880986	1.07556	1.07556	0.955854	1.02728	1.02728	0.12339	0.444223	-2.25112	3.00808	11.2618	3.32787	1
cg24850535	SLC8A2	0.0678567	0.314458	0.655067	-1.52656	0.358507	1.46808	1.46808	0.473252	1.34532	1.34532	0.0601386	0.422209	-2.36849	0.111124	0.493723	-2.02543	0.047071	2.51969	2.51969	0.0187073	0.31386	-3.18614	0.476206	0.744839	-1.34257	0.432811	0.722157	-1.38474	3.00807	7.87821	2.32802	1
cg17315247	AMZ1	0.0678567	0.16576	0.760604	-1.31474	0.0878806	1.41724	1.41724	0.0051141	1.98344	1.98344	0.073638	1.44657	1.44657	0.81998	1.0431	1.0431	0.315401	1.21189	1.21189	0.706369	0.932332	-1.07258	0.939733	1.0141	1.0141	0.497858	0.880379	-1.13587	3.00807	1.63278	0.48249	1
cg25090510	NIPAL4	0.0678581	0.227282	0.618658	-1.6164	0.00982791	0.290434	-3.44312	0.0100183	0.291816	-3.42681	0.551916	1.25609	1.25609	0.457858	0.75096	-1.33163	0.368097	1.41941	1.41941	0.145224	0.552889	-1.80868	0.667114	0.8488	-1.17813	0.894484	1.05156	1.05156	3.00805	6.83775	2.02058	1
cg22507203	SGK196	0.0678587	0.582661	0.828977	-1.20631	0.682915	0.870394	-1.1489	0.646155	1.1691	1.1691	0.0037073	0.265746	-3.76299	0.82856	1.07605	1.07605	0.100431	0.544315	-1.83717	0.090808	1.87698	1.87698	0.782964	1.09782	1.09782	0.255167	0.669308	-1.49408	3.00804	5.44182	1.60808	1
cg00161955	SLC10A5	0.0678596	0.200369	0.377984	-2.64561	0.167733	0.347288	-2.87945	0.0642555	0.224133	-4.46164	0.305523	0.466197	-2.14501	0.0145632	0.114819	-8.70935	0.0777454	0.244131	-4.09617	0.00995317	0.0961915	-10.3959	0.0324537	0.165152	-6.05503	0.228969	0.403297	-2.47956	3.00802	24.6472	7.2834	1
cg08328160	AGER;AGER	0.0678612	0.642705	0.887978	-1.12615	0.00508903	2.56405	2.56405	0.243517	1.36387	1.36387	0.22813	1.37946	1.37946	0.400637	0.803493	-1.24457	0.308492	0.764869	-1.30741	0.323436	0.771548	-1.2961	0.275792	1.33417	1.33417	0.178768	0.695405	-1.43801	3.00799	3.08095	0.910449	1
cg11829155	C11orf30;C11orf30	0.0678657	0.989307	0.998683	-1.00132	0.633377	1.04838	1.04838	0.0660271	1.22477	1.22477	0.847436	1.01912	1.01912	0.163835	0.864092	-1.15728	0.116981	0.845837	-1.18226	0.0142066	1.34637	1.34637	0.0921148	1.19996	1.19996	0.127818	1.1757	1.1757	3.00791	0.460489	0.136082	1
cg19628225	HTR6	0.0678661	0.160867	0.280955	-3.55929	0.326399	2.36051	2.36051	0.142106	0.262419	-3.81069	0.71184	1.36958	1.36958	0.00549495	0.045306	-22.0721	0.352119	2.25168	2.25168	0.0738126	0.184664	-5.41525	0.148069	0.268401	-3.72577	0.471425	0.537422	-1.86073	3.00791	34.2301	10.1156	1
cg22778952	FLJ33360	0.0678669	0.0577807	1.62741	1.62741	0.835369	1.04837	1.04837	0.252289	0.762256	-1.3119	0.119762	1.46696	1.46696	0.0490619	1.66538	1.66538	0.113276	1.47881	1.47881	0.319335	1.26316	1.26316	0.406784	0.824771	-1.21246	0.0436337	0.59062	-1.69314	3.00789	2.455	0.725498	1
cg24412117	LOC100188947;HECTD2;HECTD2	0.0678681	0.0119586	0.784778	-1.27425	0.444358	1.06211	1.06211	0.0868096	1.15739	1.15739	0.13467	0.882808	-1.13275	0.542895	0.953518	-1.04875	0.156932	0.889588	-1.12412	0.9487	0.99504	-1.00498	0.0760266	1.16484	1.16484	0.838426	0.984345	-1.0159	3.00787	0.284527	0.0840836	1
cg15079222	KIAA0562	0.0678722	0.243465	1.47116	1.47116	0.00744353	2.97505	2.97505	0.289948	1.41543	1.41543	0.174036	1.58003	1.58003	0.999112	1.00035	1.00035	0.123536	0.58997	-1.695	0.0343257	2.18354	2.18354	0.534752	0.819661	-1.22002	0.977214	1.00908	1.00908	3.0078	4.76661	1.40867	1
cg09021520	PRPF3	0.0678729	0.1668	0.551704	-1.81257	0.286335	0.639705	-1.56322	0.643526	1.20687	1.20687	0.0730605	0.446357	-2.24036	0.292307	1.55401	1.55401	0.979597	0.989735	-1.01037	0.0225622	3.01034	3.01034	0.136954	0.52393	-1.90865	0.0714091	2.25329	2.25329	3.00779	7.75521	2.29189	1
cg20273774	GNB2L1;SNORD95	0.0678742	0.00900192	0.553423	-1.80693	0.0348499	0.645243	-1.5498	0.885818	1.02593	1.02593	0.48525	1.13466	1.13466	0.0958903	1.38513	1.38513	0.809575	1.04395	1.04395	0.541079	0.895634	-1.11653	0.207739	1.26699	1.26699	0.833035	0.963091	-1.03832	3.00776	1.5118	0.446783	1
cg27341926	GFRA1;GFRA1;GFRA1;GFRA1	0.0678771	0.538052	1.14195	1.14195	0.313982	1.2482	1.2482	0.0457198	0.614047	-1.62854	0.0181791	0.543045	-1.84147	0.438826	0.845256	-1.18307	0.501513	0.864818	-1.15631	0.066787	1.5489	1.5489	0.128273	1.41912	1.41912	0.823158	0.953462	-1.04881	3.00771	2.15922	0.638129	1
cg23037347	C3orf23;C3orf23;C3orf23	0.0678782	0.00641247	0.583056	-1.7151	0.13257	1.28004	1.28004	0.615259	1.08014	1.08014	0.927151	0.986185	-1.01401	0.110353	1.30304	1.30304	0.429791	1.13044	1.13044	0.224542	0.823593	-1.21419	0.718161	0.946356	-1.05669	0.181435	1.24087	1.24087	3.00769	1.10238	0.325796	1
cg06274159	ZFP42	0.0678795	0.019561	15.5481	15.5481	0.325193	2.68595	2.68595	0.403511	2.29648	2.29648	0.462667	2.06909	2.06909	0.881612	0.865081	-1.15596	0.626093	0.620304	-1.61211	0.0247121	13.4737	13.4737	0.00747847	28.4746	28.4746	0.234924	3.35608	3.35608	3.00767	45.0556	13.3158	1
cg22966856	JRK;JRK	0.0678813	0.399485	1.12256	1.12256	0.00583989	1.62217	1.62217	0.144044	1.23413	1.23413	0.669627	0.944096	-1.05921	0.122032	1.25188	1.25188	0.772303	0.961857	-1.03966	0.0652361	0.757734	-1.31973	0.3215	1.14715	1.14715	0.361518	1.13397	1.13397	3.00764	0.855783	0.252921	1
cg12796015	E2F2;E2F2	0.0678826	0.465253	0.858716	-1.16453	0.447616	1.17191	1.17191	0.332174	0.814608	-1.22758	0.458332	0.856608	-1.1674	0.049593	1.5827	1.5827	0.127497	1.40181	1.40181	0.0837301	0.675513	-1.48036	0.0966756	0.688132	-1.45321	0.0313854	0.596044	-1.67773	3.00762	2.00099	0.591385	1
cg17473165	CXXC4	0.0678826	0.00310463	0.0880757	-11.3539	0.307178	0.530027	-1.8867	0.880617	0.913701	-1.09445	0.947326	0.9611	-1.04047	0.121017	0.364332	-2.74475	0.456886	0.634443	-1.57619	0.0269179	0.207271	-4.82459	0.830206	1.13765	1.13765	0.620588	1.3494	1.3494	3.00761	17.1786	5.07705	1
cg09935736	LGI3	0.067883	0.0428401	1.60527	1.60527	0.0716085	1.50449	1.50449	0.670923	1.09065	1.09065	0.249348	1.27692	1.27692	0.601184	0.898453	-1.11302	0.528625	1.13839	1.13839	0.130364	0.717695	-1.39335	0.0115873	1.89811	1.89811	0.0925734	1.45618	1.45618	3.00761	1.96369	0.580362	1
cg15118780	TRIM10;TRIM10	0.067883	0.717212	1.1136	1.1136	0.73953	0.906009	-1.10374	0.0125973	0.399419	-2.50364	0.480141	0.808697	-1.23656	0.0207568	0.438873	-2.27857	0.0116034	0.393191	-2.54329	0.375325	0.764016	-1.30887	0.118328	0.605552	-1.65139	0.361669	0.757766	-1.31967	3.00761	4.16854	1.232	1
cg16963622	ST3GAL5	0.0678831	?	?	?	0.0199524	11.6013	11.6013	0.0443504	7.21646	7.21646	0.578707	0.632907	-1.58001	?	?	?	0.861292	0.867482	-1.15276	0.114144	4.22196	4.22196	0.122541	4.05666	4.05666	0.0275637	9.54018	9.54018	3.64846	28.2604	6.63929	1
cg18679504	ATP6AP2	0.0678841	0.613492	0.494071	-2.024	0.00846242	0.00611458	-163.544	0.618483	0.499099	-2.00361	0.108038	12.1697	12.1697	0.547052	0.429696	-2.32723	0.0522012	0.0408535	-24.4777	?	?	?	0.632275	0.513141	-1.94878	?	?	?	3.64843	81.534	19.1552	1
cg11400946	BRD2;BRD2	0.0678891	0.655219	0.941362	-1.06229	0.67125	0.944215	-1.05908	0.0615422	1.32732	1.32732	0.345445	0.877529	-1.13956	0.148189	0.81176	-1.23189	0.195095	0.831721	-1.20233	0.00922421	0.64123	-1.5595	0.146002	0.810709	-1.23349	0.0556425	0.747081	-1.33854	3.0075	0.861062	0.254493	1
cg17823320	INTS10	0.0678892	0.345314	0.846589	-1.18121	0.0497869	1.46729	1.46729	0.0838663	1.38787	1.38787	0.350486	0.848184	-1.17899	0.188344	0.787547	-1.26977	0.0235134	0.629049	-1.5897	0.0848399	0.721421	-1.38615	0.588213	0.910588	-1.09819	0.786038	1.04773	1.04773	3.0075	1.3984	0.413309	1
cg04154929	ZFP64;ZFP64;ZFP64;ZFP64	0.0678893	0.0136199	0.61861	-1.61653	0.464881	1.12417	1.12417	0.580889	0.915991	-1.09171	0.80139	0.961113	-1.04046	0.574743	1.09331	1.09331	0.124202	0.769538	-1.29948	0.00676947	0.575609	-1.73729	0.162216	0.79071	-1.26469	0.614761	0.923249	-1.08313	3.0075	1.17949	0.348607	1
cg19853922	SPACA4;FAM83E	0.0678899	0.771659	0.945608	-1.05752	0.497729	0.876071	-1.14146	0.0022395	0.439305	-2.27632	0.935796	1.0156	1.0156	0.105564	0.711893	-1.4047	0.321859	1.21737	1.21737	0.472861	1.15065	1.15065	0.599669	1.10715	1.10715	0.776316	1.05628	1.05628	3.00749	1.75949	0.520033	1
cg11788465	PITX1	0.0678907	0.0744682	0.470779	-2.12414	0.0306815	0.381961	-2.61807	0.900149	1.04874	1.04874	0.758961	0.889873	-1.12376	0.066646	0.458592	-2.18059	0.0255405	0.365709	-2.73442	0.0104082	0.294349	-3.39733	0.129517	0.537447	-1.86065	0.341675	0.68975	-1.4498	3.00747	6.84533	2.02321	1
cg26765084	ZDHHC7;ZDHHC7	0.0678908	0.374001	0.859146	-1.16395	0.57842	1.09789	1.09789	0.854317	0.969884	-1.03105	0.0261199	0.644613	-1.55132	0.546789	0.903527	-1.10677	0.237576	0.813966	-1.22855	0.00867613	1.74462	1.74462	0.901753	0.979663	-1.02076	0.161928	0.780006	-1.28204	3.00747	1.31832	0.389643	1
cg11438011	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.0678915	0.132049	0.636498	-1.5711	0.510684	0.830744	-1.20374	0.55389	1.18107	1.18107	0.660686	1.13062	1.13062	0.245202	0.713313	-1.40191	0.0255852	0.478464	-2.09002	0.939447	0.979106	-1.02134	0.0739712	0.574943	-1.7393	0.020293	2.17645	2.17645	3.00746	3.67931	1.08746	1
cg13685156	GSTO1	0.0678922	0.807298	0.922143	-1.08443	0.0423701	2.17156	2.17156	0.0321292	2.29914	2.29914	0.253956	1.48459	1.48459	0.121166	1.74615	1.74615	0.023851	0.408867	-2.44578	0.223312	1.52867	1.52867	0.780178	1.09724	1.09724	0.4197	1.31451	1.31451	3.00745	5.2402	1.54881	1
cg04639555	ARG1	0.0678936	0.618719	0.90508	-1.10488	0.00739986	0.503627	-1.98559	0.0134974	0.544514	-1.8365	0.766726	1.06092	1.06092	0.187798	0.757702	-1.31978	0.325983	1.22336	1.22336	0.708364	1.07755	1.07755	0.801774	0.951225	-1.05128	0.181038	0.754052	-1.32617	3.00742	1.88215	0.556298	1
cg07288031	ADAMTS18	0.0678939	0.0552245	1.71724	1.71724	0.706418	0.91015	-1.09872	0.0550817	1.71792	1.71792	0.178749	1.42676	1.42676	0.0527716	0.578257	-1.72933	0.146405	1.47382	1.47382	0.418223	0.813992	-1.22851	0.0484692	1.7522	1.7522	0.307965	1.30024	1.30024	3.00741	2.94828	0.871409	1
cg26951706	FAM154B	0.0678954	0.866014	0.95809	-1.04374	0.468678	0.829507	-1.20553	0.0134769	0.460461	-2.17174	0.783449	0.932537	-1.07234	0.0319015	0.528614	-1.89174	0.629812	0.884147	-1.13103	0.0350703	1.86366	1.86366	0.60155	0.874962	-1.14291	0.128311	0.659162	-1.51708	3.00739	3.06166	0.904928	1
cg07148818	HES7;HES7	0.0678971	0.68921	0.863963	-1.15746	0.00300511	4.39271	4.39271	0.539594	1.25345	1.25345	0.966097	1.01558	1.01558	0.65677	1.17666	1.17666	0.0462577	2.29455	2.29455	0.715501	0.875339	-1.14242	0.0517518	2.23713	2.23713	0.611882	1.20456	1.20456	3.00736	6.30154	1.86256	1
cg09019648	MACF1	0.067898	0.0626542	0.46888	-2.13274	0.224542	0.633664	-1.57812	0.24423	1.54558	1.54558	0.161714	1.70874	1.70874	0.0127941	0.320952	-3.11573	0.107978	0.532084	-1.8794	0.0942431	0.515481	-1.93994	0.185087	0.604495	-1.65427	0.922971	0.966255	-1.03492	3.235	6.31804	1.51902	1
cg07904447	ENDOD1	0.0679033	0.143448	0.795545	-1.257	0.454196	1.1173	1.1173	0.149962	1.25175	1.25175	0.888426	1.02063	1.02063	0.378647	1.14044	1.14044	0.940094	1.01099	1.01099	0.00986163	0.622214	-1.60716	0.259717	1.18655	1.18655	0.0536531	1.37548	1.37548	3.00725	1.00811	0.297981	1
cg19439835	LGALS13;LGALS13	0.0679065	0.436224	0.754535	-1.32532	0.256985	1.52121	1.52121	0.0564368	0.464931	-2.15086	0.751324	0.893391	-1.11933	0.0344398	0.416994	-2.39812	0.0729951	0.492092	-2.03214	0.00849402	0.303868	-3.29091	0.846546	1.07112	1.07112	0.299749	0.683135	-1.46384	3.00719	5.98839	1.77009	1
cg05337743	MYADM	0.0679077	0.197431	1.39772	1.39772	0.306735	0.771013	-1.297	0.0783387	1.61706	1.61706	0.346938	0.788188	-1.26873	0.460874	1.20262	1.20262	0.0329824	0.541807	-1.84568	0.479968	1.193	1.193	0.0275747	1.89709	1.89709	0.173763	1.42711	1.42711	3.00717	2.87656	0.850282	1
cg09813762	MRPL37	0.0679089	0.0265229	2.27725	2.27725	0.861296	1.05625	1.05625	0.948447	0.979968	-1.02044	0.0119542	2.66826	2.66826	0.194275	0.650678	-1.53686	0.891644	1.04358	1.04358	0.347707	0.738917	-1.35333	0.0439981	2.06325	2.06325	0.656994	1.15011	1.15011	3.00715	4.66406	1.37866	1
cg21780231	FAM173B;CCT5	0.0679116	0.510104	1.37167	1.37167	0.187324	1.94551	1.94551	0.0280562	0.284376	-3.51647	?	?	?	0.641904	1.24767	1.24767	?	?	?	0.436845	1.45573	1.45573	0.0257471	0.276745	-3.61343	0.245809	1.78045	1.78045	3.3217	8.92305	2.68629	1
cg16591159	TGFB1I1;TGFB1I1;TGFB1I1	0.0679148	0.23734	1.96947	1.96947	0.213177	2.04981	2.04981	0.314008	1.76843	1.76843	0.220985	2.02268	2.02268	0.23551	1.9752	1.9752	0.0185057	0.209314	-4.7775	0.0189835	4.73545	4.73545	0.133145	2.42793	2.42793	0.616835	1.31809	1.31809	3.00705	14.2755	4.21988	1
cg11523134	TP73;TP73;TP73;TP73	0.0679155	0.87919	1.03738	1.03738	0.00179206	2.92103	2.92103	0.399533	0.812154	-1.23129	0.6374	0.891778	-1.12136	0.355421	1.25777	1.25777	0.318658	1.28229	1.28229	0.1332	1.47818	1.47818	0.270359	1.31901	1.31901	0.566513	1.15002	1.15002	3.00703	2.7719	0.819381	1
cg01270451	ZCCHC8	0.067916	0.110835	2.68856	2.68856	0.481091	1.50336	1.50336	0.54899	1.41228	1.41228	?	?	?	?	?	?	0.850132	1.1137	1.1137	?	?	?	0.891961	1.08044	1.08044	0.00713057	0.138286	-7.2314	3.15986	10.813	4.56262	1
cg05600864	C1QTNF2	0.0679167	0.715871	0.931116	-1.07398	0.835697	0.960263	-1.04138	0.95892	1.01011	1.01011	0.0737015	1.4759	1.4759	0.0131523	0.548652	-1.82265	0.123268	0.721825	-1.38538	0.483592	0.870225	-1.14913	0.0777553	1.46629	1.46629	0.168411	1.33184	1.33184	3.00701	1.81547	0.536663	1
cg15151364	POU2F1	0.0679177	0.0144345	0.231062	-4.32784	0.0729246	0.378296	-2.64344	0.892235	1.06809	1.06809	0.127636	0.449101	-2.22667	0.0333999	0.298792	-3.34681	0.59235	0.769011	-1.30037	0.0246886	0.272584	-3.66859	0.0421274	0.32051	-3.12003	0.859749	0.917643	-1.08975	3.00699	11.2466	3.32457	1
cg05648868	YSK4;YSK4	0.0679208	0.731251	1.04306	1.04306	0.133004	1.21921	1.21921	0.103975	1.24282	1.24282	0.462632	0.912626	-1.09574	0.729012	0.958364	-1.04345	0.279137	1.14751	1.14751	0.00551364	0.640121	-1.56221	0.571237	0.932421	-1.07248	0.253349	1.15705	1.15705	3.00694	0.712112	0.210509	1
cg12528673	FATE1	0.0679213	0.271416	1.39292	1.39292	0.124215	0.617647	-1.61905	0.041817	0.507092	-1.97203	0.0543028	0.531474	-1.88156	0.0214303	0.449342	-2.22547	0.682263	1.12653	1.12653	0.438287	0.795457	-1.25714	0.0268181	0.468043	-2.13655	0.749077	0.911296	-1.09734	3.00693	3.98992	1.17947	1
cg25283159	RAVER1	0.0679217	0.120678	0.747815	-1.33723	0.979174	0.995503	-1.00452	0.0172884	0.606138	-1.64979	0.0753203	0.710429	-1.4076	0.0203612	0.617082	-1.62053	0.0393918	0.662677	-1.50903	0.816986	0.960766	-1.04084	0.474313	0.88194	-1.13386	0.0287352	0.640569	-1.56111	3.00692	1.41964	0.419665	1
cg15819109	MUC2	0.0679228	0.113178	0.462055	-2.16424	0.426651	0.695232	-1.43837	0.691565	1.19552	1.19552	0.376738	0.666162	-1.50114	0.163893	0.514124	-1.94505	0.301956	0.619446	-1.61435	0.00151378	0.129223	-7.73856	0.932984	1.03838	1.03838	0.644919	0.812356	-1.23099	3.0069	9.5515	2.82358	1
cg00859544	GJA3	0.0679236	0.00217402	0.120596	-8.29218	0.56413	0.750718	-1.33206	0.727296	1.18788	1.18788	0.105037	2.38948	2.38948	0.978844	1.01313	1.01313	0.625033	0.784878	-1.27408	0.9512	1.03056	1.03056	0.451071	1.45881	1.45881	0.687773	1.21978	1.21978	3.00689	11.5172	3.40468	1
cg26368813	SUB1	0.0679263	0.00777892	1.56845	1.56845	0.0227422	1.432	1.432	0.118322	1.25023	1.25023	0.798362	0.966846	-1.03429	0.271988	0.860192	-1.16253	0.544181	0.922333	-1.08421	0.924859	0.987652	-1.0125	0.276289	1.16084	1.16084	0.68433	0.947589	-1.05531	3.00684	0.826051	0.244199	1
cg13342435	MPPED2	0.0679296	0.127004	1.58086	1.58086	0.10508	0.611753	-1.63465	0.0246707	2.1008	2.1008	0.0951701	1.66325	1.66325	0.489022	1.21534	1.21534	0.999658	0.999881	-1.00012	0.10467	0.611333	-1.63577	0.169103	0.665965	-1.50158	0.2917	1.3547	1.3547	3.00678	3.66659	1.08395	1
cg17487010	TCEAL6	0.0679326	0.0298278	0.21153	-4.72746	0.0437883	0.244586	-4.08854	0.516295	0.670385	-1.49168	0.176592	2.39384	2.39384	0.111376	0.348625	-2.86841	0.180917	0.421814	-2.37072	0.0292862	0.210064	-4.76045	0.179955	0.42091	-2.3758	0.386842	1.71431	1.71431	3.00673	17.5831	5.19815	1
cg02859319	MAPKAPK3	0.0679328	0.0380527	0.558437	-1.79071	0.949548	0.984786	-1.01545	0.132621	0.674922	-1.48165	0.0332411	0.547169	-1.82759	0.0674946	0.608757	-1.64269	0.0559217	0.591745	-1.68992	0.189532	0.714121	-1.40032	0.0524297	0.586031	-1.70639	0.0128037	0.472789	-2.11511	3.00673	2.79536	0.826401	1
cg10059660	KCTD8	0.067934	0.868773	0.961426	-1.04012	0.215649	0.733424	-1.36347	0.101125	0.652396	-1.53281	0.563334	1.14912	1.14912	0.751349	0.927163	-1.07856	0.82934	0.949942	-1.0527	0.00667872	0.432932	-2.30983	0.197264	1.38303	1.38303	0.077665	1.59446	1.59446	3.00671	2.69518	0.796791	1
cg04305879	PAK6;PAK6;C15orf56;PAK6	0.0679341	0.170782	0.29156	-3.42982	0.235056	2.8625	2.8625	0.193645	3.19717	3.19717	0.153774	0.275148	-3.63441	0.122106	0.242697	-4.12036	0.16153	3.53724	3.53724	0.601172	0.640391	-1.56155	0.928467	0.926932	-1.07883	0.0118615	14.2167	14.2167	3.0067	34.004	10.0528	1
cg01551177	SLC25A29	0.0679341	0.0453791	0.546239	-1.8307	0.0713592	1.69989	1.69989	0.136669	1.52565	1.52565	0.306179	0.756452	-1.32196	0.0219598	0.484774	-2.06281	0.226816	1.39697	1.39697	0.41165	1.24752	1.24752	0.989215	1.00357	1.00357	0.993736	1.00207	1.00207	3.0067	3.30518	0.977129	1
cg19255681	ERC2	0.0679353	0.0298472	0.316715	-3.15741	0.0368073	0.335881	-2.97725	0.0178518	0.273842	-3.65174	0.637745	0.80788	-1.23781	0.0307815	0.319468	-3.13021	0.0582625	0.381873	-2.61867	0.0837423	0.422774	-2.36533	0.946216	1.03081	1.03081	0.189391	0.535074	-1.8689	3.00668	9.63555	2.84863	1
cg16670307	NTM	0.0679355	0.0579788	1.94558	1.94558	0.469687	0.795784	-1.25662	0.485673	1.24609	1.24609	0.188973	1.54063	1.54063	0.122351	1.68199	1.68199	0.133532	1.65298	1.65298	0.0553824	1.96285	1.96285	0.00907171	2.8005	2.8005	0.0315599	2.18795	2.18795	3.00668	4.59268	1.35777	1
cg24076083	RTBDN;RTBDN	0.067936	0.392672	1.19596	1.19596	0.745645	0.935649	-1.06878	0.792089	0.947444	-1.05547	0.0856968	1.47426	1.47426	0.829733	1.04499	1.04499	0.553201	0.884633	-1.13041	0.153904	0.732012	-1.3661	0.0679831	0.658547	-1.51849	0.00798384	2.0034	2.0034	3.00667	1.98862	0.587913	1
cg07036799	KIAA0182;KIAA0182	0.0679381	0.577192	1.58264	1.58264	0.00562096	19.3584	19.3584	0.00449431	21.9235	21.9235	0.745766	1.30368	1.30368	0.748242	1.30018	1.30018	0.620196	1.50264	1.50264	0.604507	1.53099	1.53099	0.675309	1.40973	1.40973	0.741096	1.31033	1.31033	3.00663	31.6415	9.35459	1
cg15097336	CSDE1;CSDE1;CSDE1	0.0679401	0.158636	1.26286	1.26286	0.188688	0.805977	-1.24073	0.0273746	0.667478	-1.49818	0.0222345	0.65412	-1.52877	0.390108	0.872495	-1.14614	0.743123	1.05225	1.05225	0.0877412	1.33897	1.33897	0.312746	0.850674	-1.17554	0.424791	0.8814	-1.13456	3.0066	1.14229	0.337714	1
cg00995209	SCRIB;SCRIB	0.0679414	0.0986702	0.685819	-1.45811	0.892863	1.02846	1.02846	0.533699	0.876969	-1.14029	0.488942	0.863801	-1.15767	0.783041	0.944132	-1.05917	0.295147	0.79762	-1.25373	0.00331824	2.29984	2.29984	0.22815	0.768393	-1.30142	0.960859	0.989831	-1.01027	3.00657	2.06557	0.610684	1
cg23274923	KIFC1	0.0679425	0.70344	0.870926	-1.1482	0.468	1.3058	1.3058	0.0460802	0.43784	-2.28394	0.234435	1.56886	1.56886	0.00582255	0.271221	-3.68703	0.322272	1.44694	1.44694	0.451043	1.31979	1.31979	0.357558	0.710437	-1.40758	0.352297	0.707619	-1.41319	3.00655	6.21673	1.83798	1
cg09314301	RER1	0.0679425	0.344541	1.31488	1.31488	0.667739	0.885666	-1.12909	0.696817	1.11638	1.11638	0.22159	1.43509	1.43509	0.720333	1.10636	1.10636	0.00622835	0.366936	-2.72527	0.808979	1.07047	1.07047	0.0486064	1.88391	1.88391	0.14209	1.55856	1.55856	3.00655	3.76425	1.1129	1
cg26124719	SLC39A11;SLC39A11	0.0679426	0.699713	1.09547	1.09547	0.00441486	0.409023	-2.44485	0.962467	1.01113	1.01113	0.347297	1.25567	1.25567	0.711686	0.916369	-1.09126	0.19359	1.38213	1.38213	0.0807445	1.57717	1.57717	0.321119	0.785715	-1.27273	0.44522	0.832698	-1.20092	3.00655	2.63551	0.779188	1
cg23934477	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.0679445	0.35372	0.721039	-1.38689	0.0573426	0.478578	-2.08953	0.0285691	0.412517	-2.42414	0.93014	0.970392	-1.03051	0.0303528	0.417901	-2.39291	0.0429208	0.449959	-2.22243	0.0397222	0.442598	-2.25938	0.32011	1.42211	1.42211	0.173997	0.609123	-1.6417	3.00652	5.59443	1.65402	1
cg15641340	OR2H1	0.0679456	0.752818	0.923508	-1.08283	0.0853826	0.619402	-1.61446	0.194202	0.707546	-1.41333	0.0644993	0.592676	-1.68726	0.00394346	0.376516	-2.65593	0.0812864	0.614616	-1.62703	0.629582	0.884785	-1.13022	0.227172	0.726625	-1.37623	0.0352996	0.539318	-1.85419	3.0065	3.02088	0.89314	1
cg07651189	MEPE	0.067946	0.318356	0.843461	-1.18559	0.0249902	0.64387	-1.55311	0.0168243	0.617853	-1.61851	0.867146	1.02802	1.02802	0.260131	0.823748	-1.21396	0.152485	1.28786	1.28786	0.146997	1.29292	1.29292	0.216994	0.80701	-1.23914	0.364934	0.857555	-1.16611	3.00649	1.29743	0.383594	1
cg23506728	CPNE4	0.0679485	0.986861	0.99319	-1.00686	0.583068	0.794503	-1.25865	0.0536329	0.402764	-2.48284	0.313828	1.54075	1.54075	0.37054	1.46459	1.46459	0.779936	1.12326	1.12326	0.0729201	0.436009	-2.29353	0.00775757	4.13242	4.13242	0.77073	0.885804	-1.12892	3.00645	8.19928	2.4242	1
cg09160552	FBXW8;FBXW8	0.0679486	0.0828413	0.795782	-1.25663	0.948175	1.00776	1.00776	0.365385	0.895287	-1.11696	0.147769	0.831355	-1.20286	0.126293	0.821418	-1.21741	0.783029	1.03338	1.03338	0.0127098	1.44526	1.44526	0.182263	1.18337	1.18337	0.196	0.849911	-1.17659	3.00645	0.673529	0.199136	1
cg08933227	ELOVL4	0.0679498	?	?	?	0.0472804	2.1805	2.1805	0.181223	1.62824	1.62824	0.00591252	0.290339	-3.44425	0.834344	0.930601	-1.07457	0.911887	1.03875	1.03875	0.766094	0.902613	-1.1079	0.857912	1.06348	1.06348	0.584621	1.20876	1.20876	3.04625	5.05859	1.6606	1
cg08815583	HEATR2	0.0679512	0.255111	0.855317	-1.16916	0.450496	0.903811	-1.10643	0.101496	0.789909	-1.26597	0.280945	0.862943	-1.15882	0.0248522	0.703789	-1.42088	0.0398029	1.367	1.367	0.163429	1.21609	1.21609	0.177613	0.82824	-1.20738	0.225442	0.845817	-1.18229	3.0064	0.823803	0.24357	1
cg05993574	CYBASC3;CYBASC3;CYBASC3;TMEM138;CYBASC3;TMEM138	0.0679514	0.757678	0.971563	-1.02927	0.840066	1.01901	1.01901	0.523528	1.06212	1.06212	0.0323739	0.791728	-1.26306	0.0998401	1.18306	1.18306	0.258632	1.11613	1.11613	0.109574	0.849915	-1.17659	0.0143611	0.754772	-1.3249	0.946543	1.00627	1.00627	3.0064	0.413753	0.122332	1
cg05335975	JPH4;JPH4	0.0679519	0.112852	2.80631	2.80631	0.0412362	4.08744	4.08744	0.141835	2.57121	2.57121	0.320274	1.84789	1.84789	0.0846307	3.12794	3.12794	0.140238	2.58247	2.58247	0.00593756	8.59587	8.59587	0.0256246	4.88076	4.88076	0.111826	2.81606	2.81606	3.00639	17.022	5.03285	1
cg09376680	VGLL3	0.0679531	0.327853	1.24274	1.24274	0.174302	0.732753	-1.36472	0.632369	0.901488	-1.10928	0.772114	0.939429	-1.06448	0.222557	1.3176	1.3176	0.970231	1.00806	1.00806	0.191921	0.742874	-1.34612	0.00437663	2.26806	2.26806	0.1539	1.38884	1.38884	3.00637	2.20445	0.651786	1
cg10782349	ZNF701;ZNF701	0.0679536	0.0209044	1.32663	1.32663	0.850647	1.01935	1.01935	0.764339	0.969889	-1.03105	0.0581272	1.2433	1.2433	0.463442	1.07884	1.07884	0.0150891	1.35485	1.35485	0.25467	0.886082	-1.12856	0.882091	1.01521	1.01521	0.0551565	1.24743	1.24743	3.00636	0.492379	0.145581	1
cg09643313	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.0679564	0.872584	0.980763	-1.01961	0.303457	0.878981	-1.13768	0.0355012	1.3448	1.3448	0.511109	1.084	1.084	0.946714	1.00812	1.00812	0.304619	0.879273	-1.1373	0.0740049	0.785861	-1.27249	0.668339	1.05354	1.05354	0.0105422	1.47612	1.47612	3.00631	0.697358	0.206191	1
cg04006061	GP5	0.0679564	0.0652444	8.10378	8.10378	0.237481	3.49409	3.49409	0.331597	2.75294	2.75294	0.357414	2.60341	2.60341	0.0292451	13.4209	13.4209	0.247717	3.39302	3.39302	0.00616626	37.0261	37.0261	0.0527058	9.26676	9.26676	0.0347639	12.0352	12.0352	3.00631	48.6608	14.3877	1
cg05850720	MAD1L1;MAD1L1;MAD1L1	0.0679569	0.530168	0.78082	-1.2807	0.134289	1.87424	1.87424	0.0047376	4.30396	4.30396	0.652026	1.19317	1.19317	0.116743	0.515281	-1.94069	0.229566	0.612328	-1.63311	0.864302	1.06881	1.06881	0.965778	1.01683	1.01683	0.298431	0.657491	-1.52093	3.0063	7.2069	2.1309	1
cg03986557	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.0679576	0.0959062	1.44892	1.44892	0.749946	0.937218	-1.06699	0.777461	0.944162	-1.05914	0.0195968	1.77159	1.77159	0.133775	1.38808	1.38808	0.283421	1.25356	1.25356	0.0189142	1.77967	1.77967	0.282382	0.797307	-1.25422	0.0606646	1.53551	1.53551	3.00629	1.95778	0.578868	1
cg24098859	PVR;PVR;PVR;PVR	0.0679578	0.17361	0.790695	-1.26471	0.00268724	1.95996	1.95996	0.0773621	1.37506	1.37506	0.520885	1.11133	1.11133	0.547092	1.10389	1.10389	0.670644	0.932962	-1.07185	0.657877	0.930256	-1.07497	0.509547	1.11464	1.11464	0.836182	1.03416	1.03416	3.00628	1.25284	0.370437	1
cg25727569	CACNA1D;CACNA1D;CACNA1D	0.0679586	0.814762	0.973288	-1.02744	0.953111	1.00681	1.00681	0.935138	1.00943	1.00943	0.977924	1.0032	1.0032	0.12987	0.82799	-1.20774	0.0125305	1.43088	1.43088	0.00833134	1.47552	1.47552	0.363513	1.11375	1.11375	0.938238	0.9911	-1.00898	3.00627	0.633663	0.18736	1
cg22898729	C6orf145	0.0679588	0.263206	0.543201	-1.84094	0.00918287	5.97374	5.97374	0.822192	0.889547	-1.12417	0.860442	0.912562	-1.09582	0.243675	0.528038	-1.8938	0.102573	0.389945	-2.56446	0.034816	0.269745	-3.7072	0.89617	0.93437	-1.07024	0.59648	1.32073	1.32073	3.23376	13.5504	3.25912	1
cg06824242	FAM98B;FAM98B	0.0679604	0.130477	0.839171	-1.19165	0.117401	1.20032	1.20032	0.0250869	1.33121	1.33121	0.451613	1.08582	1.08582	0.627204	0.948811	-1.05395	0.940684	1.00802	1.00802	0.0203175	1.35031	1.35031	0.111576	1.20449	1.20449	0.0870071	1.22495	1.22495	3.00624	0.548804	0.162271	1
cg06666608	KLHL36	0.0679609	0.581151	0.877297	-1.13986	0.513221	1.16856	1.16856	0.945581	0.984091	-1.01617	0.394582	1.22734	1.22734	0.00214128	0.363088	-2.75415	0.0783836	0.631697	-1.58304	0.816771	0.946935	-1.05604	0.331147	0.790126	-1.26562	0.302324	0.778	-1.28535	3.00623	2.62776	0.776981	1
cg07812059	USP7	0.0679612	0.238078	1.35509	1.35509	0.00265098	0.359724	-2.77991	0.807045	0.941606	-1.06201	0.282673	1.31586	1.31586	0.909698	1.02829	1.02829	0.594357	1.14129	1.14129	0.18451	1.41353	1.41353	0.505402	0.846904	-1.18077	0.870835	1.04082	1.04082	3.00622	2.87857	0.851142	1
cg11595794	ANKRD37	0.0679613	0.0161099	0.793289	-1.26058	0.23303	0.906341	-1.10334	0.118599	1.14252	1.14252	0.263515	1.096	1.096	0.0725412	1.17066	1.17066	0.361598	1.07654	1.07654	0.162807	0.889438	-1.12431	0.50251	1.05498	1.05498	0.373209	0.930635	-1.07454	3.00622	0.29445	0.0870637	1
cg26922038	SLC22A17	0.0679619	0.0319649	0.24828	-4.02771	0.0632765	0.314146	-3.18323	0.798421	0.867734	-1.15243	0.25609	1.92934	1.92934	0.028472	0.238533	-4.19228	0.770752	0.850464	-1.17583	0.0857206	0.348942	-2.8658	0.0889037	0.353395	-2.82969	0.0371946	0.261612	-3.82246	3.00621	14.6313	4.32624	1
cg13088102	SNAP25;SNAP25	0.0679624	0.164375	1.71213	1.71213	0.839642	1.07543	1.07543	0.805487	0.915247	-1.0926	?	?	?	0.0180002	2.89781	2.89781	0.606326	0.829626	-1.20536	0.0133735	0.320499	-3.12013	0.758521	0.895204	-1.11706	0.742888	0.888533	-1.12545	3.27238	5.80722	1.55279	1
cg00788312	STK17B	0.0679628	0.460177	0.800018	-1.24997	0.727833	1.10923	1.10923	0.841606	1.06117	1.06117	0.96372	0.986594	-1.01359	0.0649002	0.540584	-1.84985	0.876197	0.954793	-1.04735	0.00155654	0.259359	-3.85566	0.877295	0.955188	-1.04691	0.977529	0.991677	-1.00839	3.0062	4.19199	1.23951	1
cg15614301	YTHDC2	0.0679631	0.310691	0.803035	-1.24528	0.884323	1.03091	1.03091	0.156589	0.728416	-1.37284	0.91612	1.02228	1.02228	0.305936	1.24817	1.24817	0.252299	0.778742	-1.28412	0.40405	1.19549	1.19549	0.345609	1.22523	1.22523	0.00340435	2.29898	2.29898	3.00619	2.08217	0.615668	1
cg26698638	SLC35B4	0.0679632	0.860252	0.968422	-1.03261	0.0774988	1.42949	1.42949	0.0120661	1.76818	1.76818	0.561087	0.898515	-1.11295	0.66975	1.08125	1.08125	0.538281	1.12015	1.12015	0.0322909	0.63352	-1.57848	0.238893	0.79884	-1.25182	0.47869	0.877096	-1.14013	3.00619	1.57854	0.466754	1
cg23468927	CORO1B;CORO1B;PTPRCAP	0.0679639	0.0750258	0.474406	-2.1079	0.849113	1.07426	1.07426	0.844356	1.07673	1.07673	0.331707	1.45742	1.45742	0.0066168	0.265569	-3.7655	0.169179	0.576427	-1.73483	0.337615	0.689487	-1.45035	0.219814	1.62462	1.62462	0.0899535	0.495118	-2.01972	3.00618	6.7352	1.99151	1
cg25772658	TNXB	0.0679643	0.0260699	0.26272	-3.80634	0.481042	0.695895	-1.437	0.0576906	0.337428	-2.9636	0.395891	0.643966	-1.55288	0.00901007	0.186225	-5.36985	0.0644953	0.34948	-2.86139	0.0307136	0.276709	-3.6139	0.481911	0.696411	-1.43593	0.0831754	0.378721	-2.64046	3.00617	12.1996	3.60729	1
cg21045802	TTC35	0.0679648	0.14394	2.21653	2.21653	0.191327	0.497797	-2.00885	0.0998007	0.398016	-2.51246	0.0187335	0.220179	-4.54177	0.489043	0.705353	-1.41773	0.301239	0.585203	-1.70881	0.332737	1.64712	1.64712	?	?	?	0.0862412	2.64109	2.64109	3.59994	11.7718	2.45249	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2T vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(3 vs. 477 vs. N)	p-value(1537 vs. N)	Fold-Change(3 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. 537T vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. 563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00606646	GFOD1	0.067967	0.580375	1.22251	1.22251	1.463561	1.30772	1.30772	0.03095616	2.35376	2.35376	1.88953	1.64828	1.64828	0.5597103	0.6254559	2.12145	0.0303267	2.49812	2.49812	0.0290108	2.52313	2.52313	0.00984845	3.21183	3.21183	0.7645514	1.11408	1.00612	6.15638	1.8204	1
cg06753756	DIAPH3	0.0679681	0.0184836	0.196133	-5.09858	0.374782	0.594901	-1.68095	0.222548	0.481525	-2.07674	0.934306	1.04812	1.04812	0.00700677	0.136977	-7.30047	0.2210298	0.480309	-2.08199	0.0266355	0.223626	-4.47175	0.876313	0.915029	-1.09286	0.135641	0.399764	-2.50147	1.0061	15.4746	4.57577	1
cg11158912	DIP2C	0.0679695	0.0764605	0.658515	-1.51857	0.339872	1.23185	1.23185	0.0327977	0.588986	-1.69783	0.119967	0.699362	-1.42988	0.00726509	0.479964	-2.08349	0.3867161	0.970351	-1.03055	0.3990342	1.20513	1.20513	0.5025514	0.865664	-1.15518	0.5240651	0.8720288	-1.14667	1.00608	2.13918	0.632608	1
cg08861065	ZNF365;ZNF365	0.0679704	0.8914163	0.949924	-1.05274	0.0136151	3.15426	3.15426	0.279617	1.5316	1.5316	0.510622	1.777914	-1.28549	0.802139	1.0991	1.0991	0.4134681	0.730047	-1.36978	0.5159331	0.33927	-3.07092	0.175123	1.72067	1.72067	0.5950319	0.817166	-1.22375	1.00606	6.74353	1.99405	1
cg04563671	SCN2B	0.0679717	0.169968	0.66308	-1.50811	0.314674	0.746526	-1.33954	0.00235442	0.303369	-3.29632	0.211101	0.690491	-1.44825	0.0896854	0.591034	-1.69195	0.947581	0.981688	-1.01865	0.914249	0.970177	-1.03074	0.0463828	0.526578	-1.89905	0.804652	0.932174	-1.07214	1.00604	3.76162	1.11231	1
cg20788677	FKBP10;SCD5	0.0679727	0.0815406	0.763028	-1.31057	0.210439	1.20307	1.20307	0.12324	1.26354	1.26354	0.188053	0.821674	-1.21703	0.0614611	0.744415	-1.34334	0.427841	0.892787	-1.12009	0.0117602	0.6436431	-1.55366	0.908698	0.984057	-1.0162	0.0885147	1.00261	0.0002	0.934382	2.276299	1
cg06898831	BRD2;BRD2	0.0679731	0.555435	0.859145	-1.16395	0.0207925	2.03072	2.03072	0.00683896	2.43667	2.43667	0.0707255	1.67208	1.67208	0.546685	1.16797	1.16797	0.916429	0.973072	-1.02767	0.598542	1.14482	1.14482	0.0552933	1.73854	1.73854	0.715727	1.09757	1.00571	3.08505	0.912259	1
cg11154596	RPS6KA5;RPS6KA5	0.0679738	0.562396	0.888122	-1.12597	0.2147493	0.544482	-1.83665	0.00515899	0.473238	-2.1131	0.367252	0.828925	-1.20638	0.854052	0.963185	-1.03801	0.912101	0.977979	-1.02262	0.1990651	1.32464	1.32464	0.548512	0.884276	-1.13087	0.996853	0.999201	-1.0008	1.006	1.95365	0.577703	1
cg23835083	FAM54B	0.0679738	0.0633406	2.35806	2.35806	0.249376	1.64621	1.64621	0.303455	1.54935	1.54935	0.805062	0.903403	-1.10693	0.890363	1.05797	1.05797	0.242879	1.62512	1.62512	0.003763	4.9857	4.9857	0.0518395	2.48182	2.48182	0.0564293	2.42868	2.42868	1.006	8.03502	2.37599	1
cg00509670	PAX9	0.067976	0.257097	1.84908	1.84908	0.139907	2.28289	2.28289	0.679689	0.805919	-1.24082	0.710413	0.823797	-1.21389	0.322145	0.587703	-1.70154	0.231628	0.52099	-1.91942	0.243823	0.5306041	-1.88464	0.00437982	7.22615	7.22615	0.45976	1.4787	1.4787	1.00596	12.8585	3.80236	1
cg18705916	MRPL36;NDUFS6	0.0679763	0.357163	1.09701	-1.43454	0.778964	1.0101	1.0101	0.00188143	1.56204	1.56204	0.693458	0.882168	-1.13364	0.0722358	0.776708	-1.28837	0.737545	0.879704	-1.13675	0.509273	1.04439	1.04439	0.424301	0.729866	-1.37004	0.205596	0.91224	1.00442	0.204401	1
cg19700006	PBX2 GRIN1;ALGCOM1;GCOM1;GRIN1;ALG8I	0.0679767	0.494334	0.928992	-1.07644	0.368134	0.906552	-1.10308	0.012131	0.717608	-1.39352	0.191456	0.863489	-1.15809	0.485912	0.92761	-1.07804	0.0380453	2.29074	1.290574	0.123532	1.19368	1.19368	0.301219	0.892543	-1.12039	0.354744	0.903898	-1.10632	1.00595	0.536221	0.158566	1
cg22175779	NL1A	0.0679806	0.111764	0.497944	-2.00826	0.596777	1.2398	1.2398	0.382129	1.43455	1.43455	0.236874	1.64695	1.64695	?	?	?	0.171978	0.556911	-1.79562	0.152122	0.539224	-1.85452	0.164697	1.81625	1.81625	0.0162317	3.26595	3.26595	1.04569	6.94954	2.28176	1
cg13956255	CALCR;CALCB;CALCR	0.0679822	0.780052	1.08098	1.08098	0.132294	0.636492	-1.57111	0.00465472	0.351058	-2.84854	0.00946883	0.400722	-2.49549	0.254223	0.718102	-1.39256	0.765659	0.920224	-1.08669	0.311125	0.746416	-1.33839	0.38416	0.783058	-1.28031	0.548898	0.844794	-1.18372	1.00585	3.68289	1.0891	1
cg18961791	UHRF1BP1L;UHRF1BP1	0.067826	0.413795	0.893119	-1.11973	0.2240433	0.7005756	0.6023548	-1.66000	-1.37212	0.700756	0.2124948	-4.65228	0.8496887	0.8907777	-1.12562	0.5157247	-2.81039	0.637854	1.33513	1.33513	0.0163709	0.167151	-5.98262	0.176491	0.416462	-2.40138	0.3959977	0.588649	-1.69881	1.00576	17.6915	5.23187	1
cg13945576	ROR2	0.0679886	0.192687	1.42891	1.42891	0.664243	0.893098	-1.1197	0.794303	1.06998	1.06998	0.633705	1.13233	1.13233	0.010227	0.432527	2.312	0.941992	1.01902	1.01902	0.0106888	0.43576	-2.29484	0.24501	0.729926	-1.37	0.388592	0.795531	-1.25702	1.00574	3.19025	0.943455	1
cg09763706	LNPEP;LNPEP	0.0679915	0.0127956	0.543256	1.84075	0.0405726	1.86579	1.8657	0.0151	0.536487	1.87238	-1.7508	0.42491	2.353468	1.11264	0.8972168	1.11264	0.2378721	0.788496	-1.26835	0.776778	0.8609317	1.16155	0.153119	1.3524	1.3524	0.133368	0.726522	1.37642	1.00569	1.8535	0.548147	1
cg10717586	NTM;NTM;NTM;NTM;NTM;NTM;NTM	0.0679916	0.786236	0.888423	-1.12559	0.483636	0.708902	-1.41063	0.888797	0.940928	-1.06278	0.665192	1.020864	1.020864	0.0109108	0.249471	-4.00849	0.0301568	3.0331	3.0331	0.320107	0.6539466	-1.5638	0.755441	1.14566	1.14566	0.0692051	2.42245	2.42245	1.00569	9.0165	2.6665	1
cg12218979	FAM184A;FAM184A	0.067933	0.29413	1.73472	1.73472	0.170993	1.20205	1.20205	0.183235	1.38325	1.38325	0.708785	0.837205	-1.21908	0.166528	0.7899	-1.26589	0.3131664	0.783093	-1.27689	0.2740992	1.12145	1.12145	0.7403432	1.19469	1.19469	1.24683	0.801602	1.24683	1.00564	0.9804	0.368893	1
cg20451722	MX1 KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;	0.0679943	0.717449	1.03215	1.03215	0.0421826	1.22604	1.22604	0.42659	0.93176	-1.07324	0.155052	1.14167	1.14167	0.112483	0.860329	-1.16235	0.147921	1.873582	-1.14471	0.874641	1.01384	1.01384	0.898908	1.01113	1.01113	0.0139183	0.767572	-1.30281	1.00564	0.360857	0.10672	1
cg14789214	KCNIP2;KCNIP2	0.067995	0.108351	2.15116	2.15116	0.209366	1.78358	1.78358	0.0350276	2.92745	2.92745	0.158543	1.9331	1.9331	0.266241	0.601174	-1.66341	0.779003	1.13092	1.13092	0.178919	0.534934	-1.86939	0.017546	3.96005	3.96005	0.0161703	1.17318	1.17318	1.00563	9.10367	2.69233	1
cg15648345	MKS1;MKS1	0.0679956	0.354279	0.517101	-1.93386	0.00804714	0.0954235	-10.4796	0.0185418	0.13863	-7.21347	0.4717	0.602518	-1.6597	0.0697917	0.245795	-4.06844	0.0798542	0.260522	-3.83845	0.0660026	0.2339951	-4.16752	0.0505207	0.21389	-4.67531	0.504414	0.625756	-1.59807	0.5662	22.7974	6.74217	1
cg12581691	RAI1	0.0679965	0.84268	1.11292	1.11292	0.0775187	1.16532	1.16532	0.0048597	0.80056	0.80056	0.821943	0.874448	1.14396	0.587436	1.39801	1.39801	0.120956	0.72137	0.72137	0.155489	0.57424	2.55724	0.317946	0.75178	0.504305	1.51347	1.51347	1.00565	17.8047	5.26565	1
cg08674885	SNAI2	0.0679977	0.0180531	0.293729	-3.4045	0.354991	0.666049	-1.50139	0.136571	0.504545	-1.98198	0.182936	0.547288	-1.82719	0.0275441	0.323139	3.09465	0.68008	0.837899	-1.19346	0.234595	0.427055	2.47005	0.187827	0.553187	-1.80761	0.100558	0.688623	1.00566	0.229142	0.56125	1
cg07473634	MCF2L;MCF2L	0.0679981	0.64274	0.76079	-1.31442	0.0413741	3.96267	3.96267	0.0145976	5.81383	5.81383	0.683435	0.786667	-1.27119	0.0238151	0.206252	-4.84844	0.737663	0.821402	-1.21743	0.741864	0.824109	-1.21343	0.708927	0.802949	-1.24541	0.608312	0.73883	-1.35349	0.00557	16.305	4.82214	1
cg04506585	SOX9	0.0679989	0.507899	1.15697	1.15697	0.0990044	1.34674	1.34674	0.0626483	1.57563	1.57563	0.973713	1.082274	1.082274	0.0314433	0.683684	-1.46266	0.870996	0.965338	-1.03557	0.8313546	0.9533445	-1.05035	0.0303596	1.73759	1.73759	0.134429	1.41955	1.41955	1.00557	2.24279	0.6633	1
cg24863552	ADAMTS17	0.0680019	0.612563	0.844732	-1.18381	0.211103	0.647045	-1.54549	0.114894	0.571225	-1.75062	0.0943099	0.594552	-1.68264	0.0343117	0.268887	-3.71904	0.225521	0.65668	-1.52281	0.0706839	0.5130056	-1.94911	0.047214	0.978361	-1.02212	0.0380926	0.451688	-2.21294	1.00551	5.19669	1.53694	1
cg13066658	WT1;WT1;WT1;WT1	0.0680028	0.370497	1.45739	1.45739	0.2740643	0.7189493	0.6860376	0.0236284	0.6857007	0.507708	-1.96988	0.583637	0.503707	0.0218965	0.1983	-5.04178	0.764979	0.784393	-1.27459	0.5407092	0.6089895	-1.64197	0.562764	0.910139	-1.09897	0.8494277	0.7408103	-1.34992	1.00548	4.19804	1.17043	1
cg06720017	LGALS3BP	0.0680036	0.465359	1.24221	1.24221	0.0200113	1.26918	1.26918	0.824604	1.06694	1.06694	0.781669	1.08448	1.08448	0.314224	0.73799	-1.35503	0.433358	1.26287	1.26287	0.00671209	0.3583137	-2.79067	0.969385	1.01127	1.01127	0.607492	1.16328	1.16328	1.00547	0.450354	0.119969	1
cg06444968	KCTD1	0.0680037	0.147918	0.553464	-1.8068	0.0113128	3.34932	3.34932	0.0826064	0.485655	-2.05907	0.968344	0.01524	1.01524	0.333043	0.683503	-1.46305	0.67978	1.17137	1.17137	0.265912	0.642881	-1.55548	0.0520298	0.430705	-2.32177	0.366377	0.702125	-1.42425	1.00547	6.91271	2.04448	1
cg13234187	UHMK1	0.0680046	0.228324	2.24255	2.24255	0.374562	1.13275	1.13275	0.0184	0.138372	1.3278	1.3278	0.507135	1.12542	1.12542	0.164019	1.2983	0.141127	1.13078	1.13078	0.164019	1.2983	1.2983	0.0699917	-1.6957	0.548196	0.8098694	-1.11273	0.1314845	1.3314	1.00546	1.47004	0.435043	1
cg00203913	HS3ST3A1	0.0680052	0.687294	1.193	1.193	0.00329371	1.73261	1.73261	0.791472	1.12251	1.12251	0.446619	0.712988	-1.40255	0.261084	1.6672	1.6672	0.873547	0.932896	-1.07193	0.0378605	2.85787	2.85787	0.0916713	2.2477	2.2477	0.974353	0.986078	-1.01412	0.00545	0.05308	2.67753	1
cg19550533	RTN4R1	0.0680053	0.050447	1.56519	1.56519	0.0153506	1.90629	1.90629	0.0607659	0.632533	1.58094	0.690152	0.916782	-1.09077	0.2282268	0.765031	-1.30714	0.0515524	1.54641	1.54641	0.0272397	0.3909	2.55809	0.0107264	2.87226	2.87226	0.0482306	0.45735	0.50742	1.00542	0.28206	0.132905	1
cg05171203	DLGAP2	0.0680069	0.00634199	0.469751	-2.12879	0.359088	1.222	1.222	0.834527	0.956499	-1.04548	0.160976	0.727355	-1.37484	0.0641311	0.642544	-1.55631	0.26242	1.780017	-1.28202	0.920296	1.02151	1.02151	0.283467	0.780949	-1.26735	0.0426509	0.566153	-1.76631	1.00542	2.15169	0.63639	1
cg14606431	VAX2	0.0680087	0.0398765	0.166143	-6.01891	0.0536762	0.191004	-5.23548	0.1405	0.3019	-3.31236	0.196935	0.354096	-2.81931	0.0289165	0.14282	-7.00181	0.146271	0.307786	-3.24901	0.00992995	0.0853748	-11.7131	0.289392	0.435658	-2.29538	0.0336809	0.153466	-6.51612	1.00539	27.1733	8.03692	1
cg10574861	LMO4	0.0680095	0.240955	0.63097	-1.58496	0.0735059	0.5928	-1.68687	0.0239	0.426726	-2.3451	0.0634867	0.571281	-1.75008	0.0214911	0.4914648	-2.03472	0.0821165	-1.07014	0.9343	0.8711	0.8711	-1.14805	0.0514383	0.32	-3.12581	0.0178344	0.2626	-3.80798	1.00539	0.73773	0.243848	0.138813	1
cg17526060	RNF25;STK36	0.0680128	0.457999	0.650332	-1.53768	0.497681	0.675718	-1.47991	0.245556	0.500828	-1.99669	0.479561	1.50561	1.50561	0.0053544	0.255525	3.91352	0.394914	0.6891	-1.64228	0.0327725	0.102117	-9.70269	0.010532	0.938007	-1.06609	0.0588069	0.296667	-3.37078	1.00531	15.4288	4.56341	1
cg09975527	CDL23A1	0.0680133	0.0944614	0.67564	-1.48007	0.373471	0.71446	-1.4004	0.0403	0.564468	0.500403	-1.99869	0.642249	0.558419	0.0861525	0.626766	1.59603	0.750847	0.6152	-1.62561	0.0885153	0.4626488	2.16211	0.0413	0.7883	-1.26853	0.0283003	0.314448	3.18041	1.00531	0.48466	0.144	0.0297	1
cg14084730	TXLNA	0.0680134	0.150376	0.701002	-1.42653	0.0439477	1.70489	1.70489	0.322352	0.790117	-1.26564	0.962261	0.978886	-1.02157	0.329599	1.26093	1.26093	0.532749	0.864505	-1.15673	0.0067819	0.4455511	-2.24661	0.249716	0.7579	-1.31943	0.472434	0.845005	-1.18343	1.0053	2.52746	0.747557	1
cg14475854	MAP2;MAP2	0.0680151	0.538945	0.904335	-1.10563	0.5103563	1.51016	1.51016	0.0629299	0.785128	-1.27358	0.0502756	0.561782	-1.78027	0.0210948	0.72054	-1.38777	0.563307	0.9559	-1.0944	0.6766312	1.25732	1.25732	0.130902	0.767566	-1.30282	0.171999	1.26591	1.00531	0.92195	0.370287	1
cg04413886	RGS12;RGS12	0.0680165	0.0323833	0.413665	-2.41742	0.354535	0.5422	-1.84432	0.122	0.37011	0.0262053	0.595128	0.53083	-1.88409	0.0347306	0.3443308	-2.90441	0.0526751	0.460176	-2.17308	0.04113	0.435927	-2.29396	0.0288282	0.604886	-1.5604	0.0633747	0.482469	-2.07267	1.00525	5.90948	1.7479	1
cg03777804	PLLP	0.068018	0.974505	1.02147	1.02147	0.317586	1.99393	1.99393	0.84744	1.13659	1.13659	0.570311	1.465	1.465	0.957899	1.03571	1.03571	0.0466032	0.0728151	-13.7334	0.0646513	4.07432	4.07432	0.232959	2.31018	2.31018	0.324912	0.507147	-1.97182	1.23256	22.1387	5.32674	1
cg27243180	SMOX;SMOX;SMOX;SMOX	0.0680187	0.88894	1.05814	1.05814	0.0775547	1.13556	1.13556	0.0265	0.774018	-1.29196	0.869733	0.913314	1.09513	0.0153146	0.5535521	-1.80651	0.242067	1.16803	1.16803	0.327945	1.23157	1.23157	0.154308	1.28233	-1.12823	0.636456	1.09737	1.00527	1.18746	0.517296	1
cg22511368	KIR2DL1;KIR3DP1	0.0680204	0.0242864	0.157436	-6.35179	0.0119753	0.115491	-8.65868	0.090734	0.27717	-3.60789	0.143329	0.33863	-2.95308	0.0324239	0.178298	-5.60858	0.0850968	0.269593	-3.70929	0.120667	0.3138427	3.18647	0.057175	0.227281	-4.39983	0.103008	0.292854	-3.41467	0.00518	22.5637	6.67401	1
cg15623514	VNN2	0.0680235	0.0790307	0.491909	-2.27534	0.17081	0.5405583	-1.84585	0.213228	0.575117	-1.73819	0.177689	0.82968	-1.20554	0.0155612	0.129387	-7.72662	0.777105	1.17216	1.12716	0.306456	0.6523009	-1.53302	0.00625923	0.222571	-4.49284	0.00514	0.8462	2.52611	1.00527	5.64628	1	
cg13293514	ITGB3	0.0680235	0.00934505	0.329335	-3.08704	0.0765981	0.5095911	-1.96111	0.0144	0.276662	-3.32159	0.464867	0.777716	-1.28674	0.4557494	1.29527	1.29527	0.454859	1.04649	-1.06469	0.266297	0.6729651	-1.48596	0.048156	0.6403975	-1.56162	0.0191319	0.379252	-2.63677	1.00512	5.565	1.64628	1
cg10074727	GCM2	0.0680242	0.0333091	12.1043	12.1043	0.022237	1.10283	1.1028	0.0505592	0.93297	-1.93297	0.877485	1.16724	1.16724	0.233058	0.285524	-2.50234	0.559596	0.567582	-1.76186	0.101179	0.64536	0.64536	0.0125527	0.22.4689	0.677456	0.657509	-1.52089	0.00511	47.825	14.1463	1
cg11760342	OGDI	0.0680244	0.0187414	0.589733	-1.69582	0.142625	0.39227	-2.55027	0.139468	0.248962	-4.01705	0.0904214	0.10655	-9.38565	0.0074082	0.14983	-6.67324	0.0709024	0.156555	-6.38756	0.0204222	0.1440621	-6.94023	0.0179445	0.1.4281	1.12481	0.6223723	0.894485	-1.11853	0.00497387	0.384596	-2.60013	0.00511	0.12227	0.02007	1
cg01852328	DAGLB;DAGLB	0.0680253	0.798977	0.949746	-1.05291	0.0166271	1.80558	1.80558	0.368196	1.20532	1.20532	0.117821	0.709531	-1.40938	0.895521	0.973803	-1.0269	0.5415	0.882606	-1.13301	0.0507659	0.6378351	-1.5678	0.0368606	0.612718	-1.63207	0.869621	0.967354	-1.03375	0.00509	1.94289	0.574695	1
cg04944740	C16orf7	0.0680255	0.350467	1.23168	1.23168	0.0153506	1.90629	1.90629	0.0607659	0.632533	1.58094	0.690152	0.916782	-1.09077	0.2282268	0.765031	-1.30714	0.983609	0.995555	-1.0044	0.9361617	1.16948	1.16948	0.0139277	1.30713	1.30713	0.410487	1.20021	1.00509	0.23759	0.661866	1
cg26331245	CCDC33	0.0680257	0.0179186	0.553298	-1.80734	0.709283	0.925849	-1.08009	0.610516	0.899717	-1.11146	0.955518	0.98859	-1.01154	0.659338	0.912787	1.09555	0.0317126	0.595684	-1.67874	0.0074091	0.4917766	-2.03459	0.973926	0.828811	-1.20655	0.0539887	0.637627	-1.56832	1.00509	2.01429	0.595816	1
cg15817482	ASB2	0.068028	0.0633317	0.708193	-1.41204	0.989674	0.997864	-1.00214	0.212328	0.804883	-1.24242	0.649847	0.927264	-1.07844	0.226431	0.810619	-1.2335	0.474515	1.12769	1.12769	0.0052752	1.83628	1.83628	0.736839	1.05731	1.05731	0.383016	1.1593	1.1593	1.00504	1.29918	0.384354	1
cg02516141	ETV7	0.0680285	0.1640961	0.51582	-1.93855	0.0103563	1.51016	1.51016	0.0629299	0.785128	-1.27358	0.0502756	0.561782	-1.78027	0.0210948	0.72054	-1.38777	0.563307	0.9559	-1.0944	0.6766312	1.25732	1.25732	0.130902	0.767566	-1.30282	0.171999	1.26591	1.00504	0.23759	0.661866	1
cg00159908	LRRC27;LRRC27	0.068029	0.692015	0.920203	-1.08672	0.318474	1.24031	1.24031	0.0914436	1.47436	1.47436	0.420116	0.84194	-1.18773	0.873883	0.968637	-1.03238	0.318639	0.806314	-1.24021	0.004475	0.4530049	-2.20727	0.298983	1.25213	1.25213	0.336252	1.2301	1.2301	1.00503	2.07633	0.614181	1
cg17759443	ADAM33;ADAM33;ADAM33;ADAM33	0.0680301	0.1585438	0.615044	-1.62528	0.324247	0.72772	-1.37464	0.0276	0.516768	0.4108485	17.6272	0.516768	0.4108485	17.6272	0.1.62768	0.4108485	17.6272	0.1655343	0.9787233	0.8.5867	0.2538007	0.7012215	0.1.0109091	0.5511	0.5511	0.0499914	0.5511	0.5511	1.00499	0.55311	0.0499	1
cg06395280	FAIM2 SNORD115-15;SNORD115- 21;SNORD115-30	0.0680313	0.0845243	0.546241	-1.83069	0.23448	0.67371	-1.48432	0.0796304	1.85248	1.85248	0.250716	0.683616	-1.46281	0.0316052	0.4499307	-2.22268	0.017437	0.399622	-2.50237	0.731268	0.8965	-1.11545	0.438364	1.28468	1.28468	0.999041	0.999619	-1.00038	1.00499	4.77998	1.41394	1
cg13615402	21;SNORD115-30	0.0680352	0.033487	1.132682	-7.5368	0.0363286	0.318267	-7.23239	0.201805	0.334254	-2.99174	0.191419	0.324801	-3.07881	0.0410592	0.147092	-6.79845	0.123251	0.257301	3.8865	0.0109312	0.076495	-13.4237	0.0743738	0.198613	-5.03493	0.0576755	0.174626	-5.72653	1.00492	31.4603	9.30633	1
cg10920410	GMPS	0.0680374	0.0819357	0.717333	-1.39405	0.127605	1.32835	1.32835	0.0159556	1.66291	1.66291	0.252255	1.22891	1.22891	0.191567	1.26908	1.26908	0.0355217	1.52475	1.52475	0.383327	0.857207	-1.16658	0.771253	1.05153	1.05153	0.279279	1.21394	1.21394	1.00488	1.41368	0.41819	1
cg00793186	NRG2;NRG2;NRG2;NRG2	0.0680381	0.0706764	1.2168	1.2168	0.2028368	1.82308	1.82308	0.0660853	0.645778	-2.21348	0.477978	0.757277	-1.32052	0.853322	0.97093	-1.02793	0.6091	1.12989	1.12989	0.156803	0.8922	-1.12056	0.0.5048	0.7.8.2	-1.19476	0.160113	1.78316	1.78316	1.00487	7.06839	2.09094	1
cg05729984	ACOX3;ACOX3	0.0680386	0.037274	1.68544	-1.45892	0.7927.98	0.959705	-1.04199	0.449469	1.11457	1.11457	0.0349617	0.681186	-1.46803	0.0228	0.653571	-1.53005	0.151502	0.786555	-1.27137	0.819182	1.03642	1.03642	0.634421	0.927892	-1.07771	0.10115	1.32373	1.32373	1.00486	1.1616	0.34362	1
cg03105348	DRGX	0.0680415	0.204123	0.491198	-2.03584	0.00589994	0.147952	-6.75896	0.0111556	0.185005	-5.40527	0.207878	0.544328	-1.83713	0.499045	0.69488	-1.4391	0.165401	0.456195	-2.19205	0.0681747	0.3384522	-2.95463	0.0904111	0.371674	-2.69053	0.0565592	0.788693	-1.26792	0.04881	13.3911	3.96138	1
cg27546012	MXRA7;MXRA7;MXRA7	0.0680425	0.607235	1.0.5644	1.0.5644	0.0.9557	1.32165	1.32165	0.0.2737	1.0.4616	0.0.2737	1.0.4616	0.0.3087	-1.24249	0.0.8294	1.0.9038	1.0.9038	0.0.4407	0.815102	-1.22669	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(471 vs. N)	Fold-Change(471 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	
cg02619005	FBXO31;FBXO31	0.6681258	0.309032	1.2572	1.2572	1.5998666	0.15065	1.15065	0.662137	0.8897711	1.12296	0.01115597	0.430328	-2.32381	0.145574	1.51295	1.51295	0.342088	0.775438	-1.29628	0.153159	1.50009	1.50009	0.04165562	1.86371	1.86371	0.380867	1.26906	1.00332	3.34279	0.989362	1
cg14140647	EMILIN2	0.6681275	0.52554	0.81512	-1.22681	0.902508	0.962851	-1.03858	0.420389	0.7698272	-1.29899	0.0850938	1.83124	1.83124	0.50796	0.807813	-1.23791	0.950621	1.01987	1.01987	0.028867	1.267636	-3.73642	0.319003	1.38717	1.38717	0.619592	0.852973	-1.17237	1.00329	4.803116	1.4216	1
cg22324696	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.6681308	0.159287	0.507927	-1.96879	0.003448854	0.167788	-5.95991	0.0885644	0.429072	-2.33061	0.347132	1.5465	1.5465	0.153682	0.502618	-1.98958	0.541876	0.757231	-1.3206	0.0527937	0.3710361	-2.69497	0.508441	0.739248	-1.35273	0.6471292	0.81259	-1.23063	1.00323	9.64739	2.85541	1
cg24265806	FAM126A;FAM126A	0.668131	0.365477	0.892846	-1.12001	0.9525	0.992765	-1.00729	0.0391797	1.33764	1.33764	0.249427	0.8635227	-1.15804	0.1378313	1.21505	1.21505	0.325017	1.13188	1.13188	0.817875	0.972229	-1.02856	0.00926492	0.6686339	-1.49558	0.533523	0.926012	-1.0799	1.00319	0.7067313	0.209174	1
cg19880597	KLHL3	0.6681336	0.855159	0.928275	-1.07727	0.00578484	4.36097	4.36097	0.153164	1.86464	1.86464	0.875069	1.06639	1.06639	0.278007	0.6316603	-1.58326	0.413128	1.40833	1.40833	0.0690807	0.437652	-2.28492	0.264352	1.6062	1.6062	0.25553	1.62172	1.62172	1.00318	7.89119	2.33565	1
cg10632525	MN1	0.6681336	0.0620673	2.52603	2.52603	0.00477335	5.22014	5.22014	0.0460191	2.74181	2.74181	0.175759	1.88708	1.88708	0.0626304	2.51977	2.51977	0.0770938	2.37987	2.37987	0.494314	1.35818	1.35818	0.0733853	2.41241	2.41241	0.247734	1.70413	1.70413	1.00318	9.25459	2.7392	1
cg14201597	OTX2OS1	0.6681344	0.208088	0.728024	-1.37349	0.999336	0.814202	-1.22832	0.0310082	0.634679	-1.61687	0.0281565	0.593246	-1.85444	0.187412	0.716881	-1.39493	0.289549	0.769599	-1.29938	0.0911267	1.55785	1.55785	0.0213231	0.521587	-1.91723	0.0885173	0.639126	-1.56464	1.00317	2.60934	0.798958	1
cg26684679	UBASH3B	0.6681343	0.233622	0.7339598	-1.36314	0.00299585	2.2673	2.2673	0.234262	1.36226	1.36226	0.118627	0.956874	-1.52236	0.211449	0.721403	-1.38619	0.54329	1.1649	1.1649	0.247381	1.34991	1.34991	0.496365	0.842536	-1.18693	0.1853	0.708389	-1.41165	1.00317	2.92729	0.866431	1
cg10231179	DENND3	0.6681346	0.0161248	2.22089	-4.52714	0.135285	0.437891	-2.28367	0.0466397	0.310805	-3.21745	0.977937	0.985916	-1.01429	0.00800112	0.174939	-5.71629	0.535003	0.724508	-1.38025	0.0759163	0.363068	-2.7543	0.523411	0.717698	-1.39334	0.107862	0.406598	-2.45943	0.30016	12.5138	3.7039	1
cg15230817	CSF3R;CSF3R;CSF3R;CSF3R	0.6681359	0.106207	1.93049	1.93049	0.0244318	1.5181	1.5181	0.15078	1.28144	1.28144	0.391146	1.38534	1.38534	0.0376784	2.8305637	2.8305637	0.156421	1.98559	1.98559	0.0577297	1.79321	1.79321	0.153872	1.76781	1.76781	0.543577	0.796262	1.25618	0.00314	6.545663	0.93742	1
cg00086113	PTPN9	0.6681364	0.0597361	0.223178	-4.48074	0.00795906	0.0905599	-11.0424	0.150681	0.33711	-2.96639	0.193061	0.378187	-2.64419	0.0246174	0.151153	-6.61583	0.072694	0.24329	-4.11032	0.0490447	0.20469	-4.88544	0.728389	0.78184	-1.27903	0.103445	0.285543	-3.5021	1.00313	23.7025	7.01564	1
cg11998631	C17orf82;C17orf82	0.6681371	0.0628255	0.464036	-1.46021	0.0103965	0.623179	-1.60479	0.0183617	0.790232	-1.26545	0.248436	0.803959	-1.24385	0.0196529	0.600651	-1.66486	0.90388	1.02209	1.02209	0.375958	0.4842275	-1.17886	0.0757218	0.592094	-1.68636	0.30671	0.820813	-1.21893	1.00312	1.5558	0.460498	1
cg00066627	SCGN	0.6681385	0.693355	0.389395	-1.11863	0.938634	0.975742	-1.02486	0.00267208	0.308929	-3.23699	0.747718	0.912751	-1.09559	0.153211	0.649781	-1.54135	0.857755	1.05206	1.05206	0.0233292	0.464547	-2.15264	0.781218	0.58194	-1.71894	0.176781	0.543577	0.796262	1.25618	0.00314	6.545663	0.93742	1
cg25008504	KIF26B	0.6681387	0.468552	0.805424	-1.24158	0.804492	0.170548	1.07548	0.33758	0.748209	-1.33652	0.0073956	0.362735	-2.75672	0.83546	0.9408	-1.06293	0.0092079	0.3791538	2.63742	0.0485568	0.516268	-1.93698	0.077085	0.9916508	-1.00846	0.3999976	0.776623	-1.28763	1.00309	4.094664	1.21198	1
cg22705334	CFB	0.6681402	0.940651	0.08127	1.08127	0.908834	0.886266	-1.12834	0.464834	0.195157	-5.12409	0.901675	1.13849	1.13849	0.922928	0.0655955	-15.2449	0.072309	0.121886	8.2045	0.0107774	0.0346834	-28.8339	0.0893908	0.140097	-7.13793	0.0733122	0.136403	0.00306	0.5248	15.5026	3.4438	1
cg22916756	CCBP2	0.6681408	0.309478	0.625624	-1.5984	0.462339	0.716309	-1.39604	0.0185756	0.280065	-3.5706	0.0700235	0.40523	-2.46774	0.00393155	0.176983	-5.65025	0.906308	0.94885	-1.05391	0.911425	1.05087	1.05087	0.16098	0.512902	-1.94969	0.284473	0.60908	-1.64182	1.00305	9.4578	2.79946	1
cg25926124	MRPL27	0.6681421	0.785291	0.650791	-1.65176	0.0524836	1.49176	1.49176	0.397123	1.17198	1.17198	0.937857	1.02413	1.02413	0.0173436	0.5128	-1.95003	0.120771	0.734938	-1.36066	0.03381	1.57395	1.57395	0.297678	0.8206599	-1.21847	0.0536062	0.669158	-1.49357	1.00303	1.59329	0.471608	1
cg05950711	COL21A1	0.6681429	0.0284799	1.66356	1.66356	0.0149375	5.5216	5.5216	0.138145	1.46176	1.46176	0.155053	0.52663	-1.89883	0.0134945	0.344555	2.90255	0.0624875	0.79654	0.79654	0.0489982	11.5476	11.5476	0.00919542	36.5853	36.5853	0.0288392	16.5347	16.5347	1.00302	54.3488	16.6791	1
cg20231900	NBAS CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.6681434	0.403449	0.841811	-1.18792	0.10998	0.704059	-1.42033	0.0183771	0.562015	-1.77931	0.5312	0.88007	-1.13627	0.4111187	0.844294	-1.18442	0.0654007	1.51674	1.51674	0.446978	0.855461	-1.16896	0.686494	0.921525	-1.08516	0.0134908	0.540122	-1.85144	1.00301	1.9294	0.571103	1
cg02866106	2;CHRM2;CHRM2;CHRM2	0.6681441	0.4460684	0.850446	-1.17585	0.86017	1.03746	1.03746	0.390203	0.832241	-1.20158	0.0106157	0.516628	-1.95455	0.0806701	0.492768	-2.02935	0.184986	0.745872	-1.34071	0.0774121	0.6640351	-1.50595	0.232399	0.770133	-1.29848	0.555899	1.13228	1.13228	1.003	2.06882	0.612373	1
cg16413687	ALX1	0.668145	?	?	?	?	0.0752915	1.42602	1.42602	0.144883	0.664289	-1.50563	0.0612358	1.96092	-1.69812	0.0966212	0.313888	2.55353	0.0791111	2.99117	0.1464213	3.464113	0.6513568	-1.53507	0.0786599	1.91408	0.1954064	0.551	0.1564	1.00301	1.42766	0.342751	1
cg05348946	CRNKL1	0.6681459	0.988334	1.00343	1.00343	0.114946	0.669142	-1.49445	0.184799	1.39049	1.39049	0.896339	1.03102	1.03102	0.782667	0.937245	1.06696	0.00250207	0.373692	-2.676	0.811804	1.0575	1.0575	0.182342	0.717678	-1.39338	0.480523	0.845287	-1.18303	1.00296	2.61274	0.773381	1
cg25728174	IGLON5	0.6681462	0.385617	0.71771	-1.39332	0.552474	0.799226	-1.25121	0.282139	1.51709	1.51709	0.580383	1.2315	1.2315	0.225532	1.60744	1.60744	0.030438	2.58209	2.58209	0.897904	0.0923597	0.0339755	0.104899	0.0402397	0.209078	2.60952	2.60952	0.00296	6.61399	1.95777	1
cg07301004	ARPC3	0.6681468	0.0491571	0.336489	-2.97048	0.357163	0.87837	-1.38447	0.754757	0.04385	3.11034	0.0678762	0.745147	1.04385	0.113494	0.7467054	-1.33917	0.0728309	0.121886	8.2045	0.0107774	0.1779	1.07379	0.441804	0.89816	-1.11339	0.610329	0.932036	0.472092	1.00295	0.8919963	0.264026	1
cg16203228	VAR5	0.6681475	0.642794	1.08497	1.08497	0.0134643	0.586169	-1.70599	0.214966	0.796209	-1.25595	0.781763	1.04968	1.04968	0.0102105	1.76018	1.76018	0.904646	0.979294	-1.02114	0.346786	1.18429	1.18429	0.985261	1.00323	1.00323	0.774819	1.05135	1.05135	0.30294	1.44967	0.429112	1
cg12660749	PTPN23;PTPN23;PTPN23	0.6681491	0.3315393	0.753861	-1.32693	0.0946865	0.718391	1.18891	0.0233883	0.643259	-1.83809	0.0484422	0.501212	1.99518	0.0173434	0.415806	-2.40511	0.216213	0.672133	-1.4884	0.0838541	0.1103189	1.10389	0.7326655	0.1117	1.11176	0.0289818	0.45658	-2.18828	1.00291	4.44237	1.3209	1
cg27363091	WNK2	0.6681493	0.6538	0.948937	-1.05381	0.21542	1.16345	1.16345	0.317758	1.12738	1.12738	0.206162	0.8565671	-1.16745	0.448684	1.09378	1.09378	0.139725	1.20262	1.20262	0.0074227	0.67006	-1.4924	0.47848	0.919744	-1.08726	0.1082113	0.815901	1.22564	1.0029	0.6410951	0.18977	1
cg27389454	BRSK1	0.6681505	0.102259	1.71147	1.71147	0.0253414	2.22292	2.22292	0.0227438	2.26876	2.26876	0.0672193	1.85215	1.85215	0.68482	1.13046	1.13046	0.752956	0.909482	-1.09953	0.130424	0.6121114	-1.63368	0.530355	1.21046	1.21046	0.0969243	1.72895	1.72895	1.00288	4.29439	1.27119	1
cg28733315	BMF;BMF	0.6681534	0.341536	1.18934	1.18934	0.610278	0.913069	-1.09521	0.326364	0.835838	-1.1964	0.567314	1.10775	1.10775	0.407304	1.19004	1.19004	0.651607	0.922720	-1.08374	0.006725	0.536988	-1.86224	0.224162	1.25348	1.25348	0.0476924	1.49277	1.49277	1.00283	1.48871	0.440683	1
cg16696431	K2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.6681535	0.387558	0.700782	-1.42698	0.544921	1.27888	1.27888	0.458901	1.35361	1.35361	0.18209	1.76577	1.76577	0.701787	1.16703	1.16703	0.877782	0.940088	-1.06373	0.00663241	0.243016	-4.11496	0.0322285	2.73716	2.73716	0.614882	0.815736	-1.22589	1.00283	7.66534	2.26907	1
cg16168319	COQ2	0.6681545	0.829867	0.985998	-1.0142	0.286309	0.93001	-1.07526	0.503936	0.956531	-1.04544	0.469737	0.952949	-1.04937	0.0569685	0.868357	-1.1516	0.0576128	1.15107	1.15107	0.0463298	0.2718556	1.07657	1.07657	0.0963857	0.807251	-1.12708	1.00281	0.20422	0.0604529	1
cg19241799	CAPS;CAPS	0.668156	0.519351	1.08139	1.08139	0.0507183	0.692602	-1.44963	0.0663462	0.481884	-2.07548	0.0644804	0.455872	-2.19407	0.0350161	0.675154	-1.48107	0.715485	0.93309	-1.0882	0.1455775	0.4219	1.42178	0.0279579	0.1516318	0.675147	0.1216807	0.662779	0.618787	-1.61607	1.00279	0.5864	0.184567	1
cg00405069	RAB3B	0.6681556	0.0326013	2.91977	2.91977	0.604723	1.25072	1.25072	0.270954	1.63404	1.63404	0.175968	1.85237	1.85237	0.393152	1.45685	1.45685	0.0775987	2.31733	2.31733	0.016137	3.52949	3.52949	0.00644403	4.56286	4.56286	0.197375	1.79316	1.79316	1.00279	8.72985	2.58422	1
cg04378167	SLC17A7	0.6681557	0.0260593	2.18243	2.18243	0.146038	3.49021	3.49021	0.0823855	2.03461	2.03461	0.4999	1.38279	1.38279	0.0481596	2.1683	2.1683	0.0752328	2.72062	2.72062	-1.38705	0.878782	1.15098	1.15098	0.0187457	0.629494	0.9752665	0.649491	0.629494	0.972496	0.27346	1.11341	1
cg22014600	MIR9;MIR9;SKA3;SKA3	0.668157	0.154201	1.44645	1.14452	0.459157	1.08892	1.06892	0.50249	1.06208	1.06208	0.148516	1.14699	1.14699	0.0931408	0.854201	1.17068	0.808773	0.987771	-1.02169	0.0637017	0.831535	-1.2026	0.0656252	0.902386	-1.10817	0.017217	1.29285	1.29285	1.00277	0.372468	0.110259	1
cg22967080	GNG2	0.6681578	0.0135244	0.109583	-9.12549	0.196408	0.372283	-2.68613	0.166875	0.344364	-2.9039	0.19894	0.374596	-2.66955	0.0270276	0.150498	-6.6446	0.417008	0.548805	-1.82214	0.0168317	0.121253	-8.24725	0.357073	0.504008	-1.98409	0.0242713	0.143334	-6.97673	1.00275	24.8851	7.36661	1
cg12585330	VAMP4	0.6681584	0.860384	0.933991	1.07069	0.798098	0.75475	1.32475	0.0514006	0.73847	1.35406	0.0514006	0.73847	1.35406	0.0514006	0.73847	1.35406	0.828247	1.04211	1.04211	0.0178811	0.42999	-2.32564	0.99105	0.9979672	-1.00213	0.6353001	1.09496	1.09496	0.774674	1.17467	0.507585	1
cg13357752	TNFAIP8L1;TNFAIP8L1	0.6681587	0.512003	0.932537	-1.07234	0.352824	0.904467	-1.10562	0.0602049	1.24934	1.24934	0.683976	1.04392	1.04392	0.12794	0.841269	-1.18868	0.752937	0.96738	-1.03372	0.00358318	0.660801	-1.51331	0.74289	0.96602	-1.03517	0.640729	0.951837	-1.0506	1.00274	0.52455	0.15528	1
cg13963553	SCN3B;SCN3B	0.6681588	0.2680827	1.13894	1.13894	0.0132312	1.23132	1.23132	0.0760204	1.24863	1.24863	0.0644883	0.6620705	1.51007	0.0170921	0.5442143	-1.83805	0.8003172	1.24973	1.24973	0.0208605	0.7207703	0.5397393	-1.85258	0.0915552	0.9501963	-1.00526	0.6079564	1.42871	1.42871	1.00273	0.7042708	0.2043	1
cg21172540	LOC100128071;LOC100128071;TSSK3	0.6681668	0.855643	0.91802	-1.0893	0.040429	1.03982	1.03982	0.42776	0.683657	-1.46272	0.101646	2.32037	2.32037	0.896585	1.06292	1.06292	0.00480819	5.79694	5.79694	0.282494	0.5918181	-1.68071	0.850739	1.09252	1.09252	0.39702	1.50284	1.50284	1.0026	10.4915	3.10592	1
cg12284971	EFHD1	0.6681679	0.102837	0.586702	-1.45624	0.764284	1.51453	1.51453	0.181565	0.741804	-1.34806	0.80245	0.948577	-1.05421	0.130272	0.708776	-1.41088	0.0953651	1.4709	1.4709	0.045023	1.623304	1.623304	0.278976	0.788946	-1.26751	0.296443	1.25607	1.25607	1.00258	2.10916	0.624401	1
cg26456021	CEMP1;AMDHD2;CEMP1	0.6681691	0.601449	1.29067	1.29067	0.00172844	8.7085	8.7085	0.0825503	2.53709	2.53709	0.170633	2.02684	2.02684	0.67678	1.22505	1.22505	0.796964	1.13296	1.13296	0.891367	0.935979	-1.0684	0.103239	2.37006	2.37006	0.387622	1.53534	1.53534	1.00255	11.1482	3.30037	1
cg22704203	MIS7R1	0.6681705	0.619706	1.07323	1.07323	0.0211356	1.52325	1.52325	0.109652	1.30309	1.30309	0.530381	1.10129	1.10129	0.0751382	1.39536	1.39536	0.20317	1.14511	1.14511	0.0906942	1.10378	1.10378	0.0398754	1.14511	1.14511	0.0906942	1.10378	1.10378	1.00255	1.00569	0.324574	1
cg18541042	DENND2A	0.6681695	0.805266	1.13743	1.13743	0.768575	0.857425	-1.16628	0.0888884	0.375966	-2.65982	0.547811	1.37311	1.37311	0.00163354	0.0951565	-10.509	0.337845	0.597444	-1.6738	0.941019	1.03933	1.03933	0.831135	0.894645	-1.11776	0.359306	0.611788	-1.63455	1.00255	12.9242	3.82613	1
cg06215617	EIF5A;EIF5A;EIF5A;EIF5A;EIF5A	0.6681708	0.18572	0.867624	-1.15253	0.0140365	0.736055	-1.35853	0.164637	0.954399	-1.04778	0.0850955	0.71229	-1.40492	0.0294134	0.644284	1.04825	0.353843	0.908507	-1.10071	0.0479509	0.9934211	-1.00662	0.9244984	0.822096	-1.2164	0.0599827	0.807036	-1.2391	1.00252	0.648539	0.149808	1
cg04378167	SLC17A7	0.6681716	0.4680445	1.14955	1.14955	0.3396	0.567347	-1.57048	0.248147	1.47973	1.47973	0.2777158	1.893022	1.893022	0.986247	1.004814	1.004814	0.0221183	0.402127	2.43773	0.029141	0.4094332	-2.47322	0.82572	1.07424	1.07424	0.523962	1.23314	1.23314	1.00251	5.015511	1.49471	1
cg05306441	TSC2;TSC2;TSC2	0.6681724	0.649167	0.926434	-1.07941	0.0245584	1.56331	1.56331	0.00619924	1.8091	1.8091	0.052454	1.44475	1.44475	0.825719	1.03748	1.03748	0.140941	1.30239	1.30239	0.353478	1.17267	1.17267	0.586896	0.912533	-1.09585	0.97885	1.00443	1.00443	1.0025	1.32366	0.39187	1
cg15939368	MAGT1;MAGT1	0.668729	?	?	?	?	0.0773534	1.67267	1.67267	0.488944	0.488892	2.0497	2.0497	2.0497	0.0676887	0.99674	-1.00327	0.0104727	2.04657	2.04657	-1.41	0.6997068	0.6916573	1.24675	1.24675	0.0482	1.48162	1.48162	0.437395	1.22475	1.22475	1.00247	1.52743	0.4	1
cg19498691	GR87;GR87	0.6681749	0.0463838	3.66393	3.66393	0.00844472	6.78009	6.78009	0.376535	0.596634	-1.67607	0.862337	1.1007	1.1007	0.530904	1.43512	1.43512	0.705288	1.24139	1.24139	0.991891	1.0058	1.0058	0.640267	0.765012	-1.30737	0.0163009	0.532047	0.532047	1.00245	15.4018	4.55976	1
cg25183630	TDRD3;TDRD3;TDRD3	0.6681785	0.102257	0.414558	-2.41221	0.0157729	2.90707	2.90707	0.118377	2.30439	2.30439	0.448107	0.683398	-1.46328	0.832045	0.912163	-1.0963	0.0294655	0.282758	-3.53659	0.0158462	2.86392	2.86392	0.0387595	1.30774	1.30774	0.812806	0.898908	-1.12384	1.00245	11.5296	3.4134	1
cg17439671	C1orf216	0.6681769	0.310002	1.16873	1.16873	0.0518334	1.72921	1.72921	0.701017	0.944351	-1.05893	0.691448	1.061	1.061	0.147017	0.79376	-1.25983	0.193566	2.26251	2.26251	0.0144273	1.12364	1.12364	0.244155	0.8836652	-1.19954	0.20198	0.818768	1.22135	1.00242	1.04744	0.310103	1
cg23822407	ZHX2	0.6681773	0.0868026	0.488938	-2.04525	0.840496	0.9266	-1.07921	0.0339202	0.991894	-2.55171	0.256395	0.6388	-1.56543	0.0119169	0.305076	-3.27787	0.412888	0.728551	-1.37259	0.0568359	0.442449	-2.26015	0.130454	1.855	1.855	0.480703	0.762485	-1.3115	1.00241	6.80534	2.01478	1
cg05555515	PALM3	0.668178	0.0560713	2.12599	2.12599	0.0237238	3.60644	3.60644	0.0129445	2.70344	2.70344	0.0145609	0.1226957	0.1226957	0.0156349	0.452209	-2.21128	0.0278114	2.34154	2.34154	0.0152931	2.48606	2.48606	0.0274547	2.77276	2.77276	0.0154643	-7.38209	0.0274512	0.205116	-4.8753	0.1464868	0.387398	0.0164	1.00241	17.5413	5.19328	1
cg19153095	ZFPM2	0.6681799	0.0941978	0.301226	-3.31977	0.0785976	0.108169	-9.24479	0.0269605	0.181182	-5.51932	0.166041	0.381678	-2.62001	0.0682135	0.2640555	-3.78709	0.242417	0.217814	-4.59108	0.0658433	0.26029	-3.84187	0.72739	0.795949	-1.25636	0.228127	0.438268	-2.28171	1.00236	20.221	5.98669	1
cg10109072	ZNF770	0.6681811	0.2129288	1.30844	1.30844	0.0178065	1.70344	1.70344	0.0139744	1.29612	1.29612	0.0637843	1.26852	1.26852	0.0566137	1.28219	1.28219	0.11955	1.70448	1.70448	0.0220153	1.65944	1.65944	0.0370063	1.63986	1.63986	0.0367556	1.76022	1.76022	1.00236	1.18238	0.3455992	1
cg21108691	MIR761;NRD1;NRD1	0.6681816	0.133414	2.00608	2.00608	0.0136513	3.269313	-3.71315	0.0409284	0.362537	-2.75834	0.287844	0.622165	-1.60729	0.0510212	0.384518	2.60066	0.178475	0.540777	-1.84919	0.115057	0.47861	-2.08939	0.782477	1.12639	1.12639	0.585851	0.789308	-1.26693	1.00233	4.793663	2.60349	1
cg11325970	LOC645323	0.6681835	0.921265	0.986957	-1.01322	0.133045	0.806364	-1.24013	0.604361	0.107188	1.07188	0.104591	1.26564	1.26564	0.63045	0.937656	-1.06649	0.800624	1.04018	1.04018	0.0033669	0.593043	-1.68622	0.270822	1.16445	1.16445	0.176228	0.952677	-1.04967	1.0023	0.8385548	0.248268	1
cg18085117	CHST15;CHST15	0.6681841	0.3730095	1.08496	1.08496	0.0775468	1.23297	1.23297	0.0618779	1.32809	1.32809	0.0881572	0.876909	-1.14077	0.08512	0.7609393	-1.31414	0.0919957	0.596374	-1.67702	0.0244907	0.4154	-2.40753	0.0768824	0.6924	-1.44454	0.1316017	0.319047	0.859807	-1.16305	1.00229	0.9845002	0.291482	1
cg13028113	C5orf43	0.6681844	0.60126	0.886447	-1.1281	0.648313	1.11075	1.11075	0.283543	1.29007	1.29007	0.0130675	2.02138	2.02138	0.425048	0.8300092	-1.20469	0.1150171	1.47947	1.47947	0.0302265	0.55851	-1.79048	0.270176	1.30013	1.30013	0.236165	1.32812	1.32812	1.00229	2.48475	0.735661	1
cg13294032	KIF1C	0.6681856	0.1302257	0.614558	-1.62623	0.229025	0.951656	-1.05109	0.243659	0.824353	-1.21268	0.0577804	0.588128	-1.69978	0.0915666	0.4875214	-2.05104	0.0760589	0.2307848	-4.3336	0.0230929	0.155252	-6.5138	0.0422592	0.5309029	-1.88349	0.0311565	0.888084	-1.12384	1.00225	1.45625	0.49517	1
cg26540388	FAM22D	0.6681865	0.579997	0.874353	-1.1437	0.1187268	0.665778	-1.502	0.140212	0.683047	-1.46403	0.0174735	0.499116	-2.00354	0.0356575	0.5558	-1.79921	0.985995	0.995793	-1.00423	0.0982607	1.5459	1.5459	0.0855	0.8836652	-1.19954	0.20198	0.818768	1.22135	1.00242	1.04744	0.310103	1
cg26232466	CACNA1H;CACNA1H	0.6681883	0.555086	0.826783	-1.20951	0.00262733	3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24984523	PHF11;PHF11	0.0682793	0.0871818	13.7104	13.7104	0.0694408	16.6984	16.6984	0.207437	6.31441	6.31441	0.142657	8.8851	8.8851	0.909418	0.854044	-1.1709
cg15452204	CDX1	0.0682793	0.454652	1.26573	1.26573	0.825441	0.933937	-1.07074	0.399903	0.765954	-1.30556	0.881774	0.954997	-1.04712	0.143151	1.62721	1.62721
cg12698626	CCL2	0.0682795	0.0198161	0.240387	-4.15996	0.346486	0.611862	-1.63436	0.0731113	0.363198	-2.75332	0.243472	0.5388	-1.85598	0.0606531	0.342407	-2.9205
cg01069753	UBE2J1	0.0682799	0.334913	1.6758	1.6758	0.00828701	5.76904	5.76904	0.00803434	5.83066	5.83066	0.710305	1.21375	1.21375	0.0890089	2.64795	2.64795
cg09166022	SYNGAP1	0.0682801	0.730825	1.14031	1.14031	0.220085	1.63268	1.63268	0.106173	1.95589	1.95589	0.221327	0.61338	-1.63031	0.00954531	0.28707	-3.48347
cg04920385	ZCCHC24	0.068282	0.331856	1.6003	1.6003	0.0153372	4.04589	4.04589	0.0173242	3.90104	3.90104	0.109664	2.2684	2.2684	0.458468	1.42554	1.42554
cg02691362	ELFN1	0.0682823	0.766284	1.0661	1.0661	0.184493	1.3529	1.3529	0.475422	1.16864	1.16864	0.654202	0.907723	-1.10166	0.886747	1.03107	1.03107
cg18450072	LOC344967;N4BP2	0.0682858	0.945553	1.0089	1.0089	0.102106	1.26128	1.26128	0.446778	1.10584	1.10584	0.117378	1.24689	1.24689	0.731322	0.956268	-1.04573
cg06492744	SIPA1;SIPA1	0.0682868	0.956828	1.03401	1.03401	0.0257831	0.194841	-5.13239	0.00533482	0.10357	-9.65534	0.546047	0.68562	-1.45853	0.175491	2.4351	2.4351
cg23424766	HOXA13	0.0682871	0.161754	0.718938	-1.39094	0.790364	0.942855	-1.06061	0.124904	1.4432	1.4432	0.765429	0.936055	-1.06831	0.303062	0.790095	-1.26567
cg00231644	TUBB2A	0.0682872	0.0977395	0.510605	-1.95846	0.138982	1.80257	1.80257	0.37515	1.40041	1.40041	0.145256	0.560647	-1.78365	0.947481	1.02467	1.02467
cg26213873	CTTNBP2NL	0.0682891	0.0206176	0.567487	-1.76215	0.572042	0.890456	-1.12302	0.257662	1.27128	1.27128	0.0491756	1.57815	1.57815	0.874874	1.03254	1.03254
cg08860136	DLG4;DLG4	0.0682895	0.0994904	2.79987	2.79987	0.0848497	2.96431	2.96431	0.444006	1.56047	1.56047	0.0369366	3.98188	3.98188	0.484661	1.49921	1.49921
cg07012484	RCSD1	0.0682897	0.233271	0.647451	-1.54452	0.289435	0.682172	-1.46591	0.0310109	0.414474	-2.4127	0.368051	0.724989	-1.37933	0.00289868	0.240713	-4.15433
cg08188400	MAP2K7	0.0682906	0.836034	0.982459	-1.01785	0.00858906	1.33139	1.33139	0.920211	0.991481	-1.00859	0.416449	0.931539	-1.07349	0.317582	1.09223	1.09223
cg15729649	BICC1	0.0682914	0.0155486	0.313216	-3.19269	0.592598	0.809527	-1.23529	0.971165	0.985958	-1.01424	0.127382	0.524685	-1.9059	0.00763943	0.261411	-3.8254
cg04180125	C19orf28;C19orf28;C19orf28	0.0682916	0.315952	0.877403	-1.13973	0.751285	0.960683	-1.04093	0.939794	1.00957	1.00957	0.297749	0.872699	-1.14587	0.174242	1.2	1.2
cg27541048	GNB3	0.0682933	0.201861	0.595696	-1.67871	0.00661477	0.257911	-3.87731	0.395768	0.71584	-1.39696	0.865871	0.937084	-1.06714	0.847299	0.928573	-1.07692
cg07997066	MIR138-1	0.0682962	0.914188	1.01022	1.01022	0.0326495	1.26594	1.26594	0.0490001	1.23616	1.23616	0.691114	0.963028	-1.03839	0.323763	1.1009	1.1009
cg26076750	RGMB;RGMB	0.0682967	0.176359	0.832774	-1.20081	0.0289559	0.720499	-1.38793	0.518257	0.92	-1.08696	0.0428767	1.3454	1.3454	0.377916	1.12207	1.12207
cg07194993	PLEK2	0.0682995	0.00926547	0.217416	-4.59947	0.939745	1.03555	1.03555	0.101194	0.436301	-2.292	0.421732	0.684365	-1.46121	0.0140972	0.24655	-4.05597
cg00502099	C11orf21;TSPAN32;C11orf21	0.0682997	0.0980134	0.597377	-1.67398	0.918591	1.02945	1.02945	0.00531205	0.352492	-2.83694	0.0785787	0.574313	-1.74121	0.467766	0.810806	-1.23334
cg21491201	GGCT	0.0683008	0.0264753	0.166525	-6.0051	0.035998	0.189766	-5.26965	0.0851807	0.273415	-3.65744	0.282667	0.467371	-2.13963	0.0350308	0.187587	-5.33087
cg02131142	TBC1D9B;TBC1D9B	0.068302	0.774117	0.870557	-1.14869	0.306704	0.600623	-1.66494	0.973349	0.984035	-1.01622	0.502226	0.720316	-1.38828	0.00853796	0.198562	-5.03621
cg05852143	NTF3	0.068302	0.800213	0.821858	-1.21675	0.272219	2.421	2.421	0.0167987	0.104613	-9.55901	0.124921	3.61491	3.61491	0.703354	0.743794	-1.34446
cg05617452	HAGH;FAHD1;HAGH;FAHD1;FAHD1	0.0683023	0.192261	0.784754	-1.27428	0.0281639	0.634293	-1.57656	0.18427	0.780877	-1.28061	0.936291	0.986059	-1.01414	0.438205	0.870343	-1.14897
cg26559689	CDYL;CDYL;CDYL;CDYL	0.068303	0.351568	1.42077	1.42077	0.162675	0.579275	-1.7263	0.0661813	0.470043	-2.12746	0.0843281	2.01276	2.01276	0.135093	0.554274	-1.80416
cg04830471	CCDC155	0.0683037	0.0165954	0.15855	-6.30717	0.71563	0.794286	-1.25899	0.0386534	0.221448	-4.51573	0.656674	1.32527	1.32527	0.0308323	0.202668	-4.93417
cg12036365	MESP1	0.068304	0.133719	0.802803	-1.24564	0.474663	1.10377	1.10377	0.201888	0.83277	-1.20081	0.184059	0.825833	-1.2109	0.121837	1.25576	1.25576
cg03703887	ABTB2	0.0683058	0.850448	0.910669	-1.09809	0.00900535	5.18773	5.18773	0.309177	1.68498	1.68498	0.814014	1.12393	1.12393	0.0527853	0.335761	-2.97831
cg10359157	DLEU7	0.0683061	0.0578418	4.37084	4.37084	0.16839	0.364403	-2.74421	0.846365	1.14272	1.14272	0.0208369	6.77325	6.77325	0.386005	0.542698	-1.84265
cg20611453	C10orf50	0.0683068	0.154346	0.76381	-1.30923	0.0257248	1.59698	1.59698	0.0749458	0.704353	-1.41974	0.438892	0.869777	-1.14972	0.632123	0.918295	-1.08897
cg11993253	DYX1C1;DYX1C1;DYX1C1	0.0683068	0.203192	0.731437	-1.36717	0.325676	0.789556	-1.26653	0.213916	0.737355	-1.3562	0.0303034	0.552722	-1.80923	0.0368076	0.568535	-1.75891
cg06909976	ATP6V0E1	0.0683081	0.200008	1.2157	1.2157	0.591164	1.08137	1.08137	0.00960761	1.60475	1.60475	0.197869	0.821721	-1.21696	0.383139	0.87895	-1.13772
cg13415371	BRD3;NCRNA00094	0.0683091	0.0751364	0.394606	-2.53417	0.0162729	0.251907	-3.96972	0.0235324	0.281057	-3.558	0.442485	0.692501	-1.44404	0.0800145	0.401952	-2.48786
cg10800003	PRKCI	0.0683103	0.00477597	0.61644	-1.62222	0.876344	1.02031	1.02031	0.124867	0.806896	-1.23932	0.110805	1.25156	1.25156	0.382622	0.8908	-1.12259
cg08535091	NCRNA00095;FBXL19	0.0683108	0.496194	0.815865	-1.22569	0.209569	1.47627	1.47627	0.828392	1.06603	1.06603	0.885762	1.04325	1.04325	0.790679	1.08151	1.08151
cg01990878	TEKT1	0.0683118	0.614135	1.10874	1.10874	0.0352552	0.607806	-1.64526	0.869505	0.967166	-1.03395	0.79328	1.05477	1.05477	0.605228	1.11168	1.11168
cg05262829	ITPKB	0.0683138	0.0238118	0.248741	-4.02025	0.00462256	0.143171	-6.98464	0.217634	0.512229	-1.95225	0.618958	0.772129	-1.29512	0.0326606	0.275439	-3.63057
cg12138837	DAGLA	0.0683141	0.51683	0.889192	-1.12462	0.314774	0.830484	-1.20412	0.361728	0.845757	-1.18237	0.317165	1.20294	1.20294	0.00498717	0.514756	-1.94267
cg13882046	HYAL4	0.0683155	0.999974	1.00001	1.00001	0.183733	1.32009	1.32009	0.0247709	0.590807	-1.6926	0.875175	0.969519	-1.03144	0.32396	0.818251	-1.22212
cg02734419	EEPD1	0.0683161	0.276459	1.1462	1.1462	0.149273	0.829939	-1.20491	0.624795	1.06122	1.06122	0.159204	0.83414	-1.19884	0.476804	1.09111	1.09111
cg00849025	OR5B3	0.0683162	0.0350336	0.200608	-4.98485	0.196524	0.409367	-2.4428	0.110248	0.320317	-3.12191	0.0936513	0.299438	-3.33959	0.023383	0.170039	-5.88099
cg11284411	KCNIP1;KCNIP1;KCNIP1;KCNIP1;KCNIP1	0.068317	0.337792	0.708716	-1.411	0.312695	0.694988	-1.43887	0.492306	0.784284	-1.27505	0.0437768	2.24232	2.24232	0.473797	0.775821	-1.28896
cg03815552	NHLRC4	0.0683175	0.535833	1.22197	1.22197	0.509507	0.807397	-1.23855	0.00399199	0.290179	-3.44614	0.257384	1.45926	1.45926	0.253506	1.46418	1.46418
cg19458485	PHACTR1	0.0683183	0.114765	0.795461	-1.25713	0.349305	1.13718	1.13718	0.258115	0.854328	-1.17051	0.929388	1.0119	1.0119	0.158131	1.22302	1.22302
cg26942275	COL1A2	0.0683199	0.055521	3.7268	3.7268	0.611017	1.36474	1.36474	0.249092	2.07575	2.07575	0.708922	0.796654	-1.25525	0.0733888	3.35444	3.35444
cg22388260	MIR365-1	0.0683203	0.0958729	0.449704	-2.22369	0.630341	0.809059	-1.236	0.0888719	0.440431	-2.2705	0.0610469	0.397543	-2.51545	0.0872353	0.438192	-2.28211
cg26892618	FAH	0.0683222	0.687615	1.15539	1.15539	0.029136	2.50612	2.50612	0.0712891	2.05414	2.05414	0.0358109	2.39356	2.39356	0.221306	0.631655	-1.58314
cg24743156	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.0683227	0.139383	0.591015	-1.692	0.900726	0.959579	-1.04212	0.508938	0.801298	-1.24797	0.189831	1.58266	1.58266	0.0382172	0.451974	-2.21252
cg24881159	MTMR10	0.0683229	0.0514886	0.865224	-1.15577	0.0192563	1.20309	1.20309	0.08781	1.13093	1.13093	0.544213	1.0409	1.0409	0.258363	0.925876	-1.08006
cg17889623	KIF21B	0.0683231	0.653944	0.790286	-1.26536	0.603173	0.760672	-1.31463	0.195412	2.04264	2.04264	0.146534	2.25431	2.25431	0.514476	0.708363	-1.41171
cg03489020	MITF;MITF	0.0683236	0.0975185	0.453559	-2.20479	0.29624	0.624401	-1.60154	0.0525048	0.383388	-2.60832	0.222903	0.572964	-1.74531	0.00625718	0.212414	-4.70778
cg12638731	NBEA	0.0683253	0.082865	6.54738	6.54738	0.160117	0.230292	-4.34231	0.0632143	7.72378	7.72378	0.139447	0.210952	-4.74041	0.767572	1.33642	1.33642
cg01071534	C21orf70	0.0683273	0.489217	0.817395	-1.2234	0.317731	1.34503	1.34503	0.883289	0.958716	-1.04306	0.264517	0.716209	-1.39624	0.00489998	0.342972	-2.91569
cg13386712	ARNT;ARNT;ARNT;ARNT;ARNT;ARNT	0.0683274	0.378693	0.78918	-1.26714	0.298974	1.32605	1.32605	0.378484	0.789094	-1.26728	0.804392	0.937019	-1.06721	0.165807	0.678793	-1.4732
cg20525378	C1orf9;C1orf9	0.068328	0.111264	0.541984	-1.84507	0.258835	1.51582	1.51582	0.079172	1.99003	1.99003	0.0364076	0.423695	-2.36019	0.260582	0.660801	-1.51331
cg07028869	DNAJC22;DNAJC22	0.0683284	0.817608	1.19789	1.19789	0.00527651	17.7203	17.7203	0.0665596	4.99268	4.99268	0.130841	3.57908	3.57908	0.819269	1.19588	1.19588
cg06556397	FOXJ3	0.0683284	0.169484	0.81525	-1.22662	0.262159	1.17725	1.17725	0.0570266	1.35059	1.35059	0.226366	0.837539	-1.19397	0.0663114	0.750176	-1.33302
cg18656024	COL7A1	0.0683285	0.0133904	0.24491	-4.08314	0.446311	0.700086	-1.4284	0.907117	0.947802	-1.05507	0.229732	0.560554	-1.78395	0.322417	0.625326	-1.59917
cg11875500	NFKBID	0.0683298	0.129199	0.638563	-1.56602	0.0196854	2.16146	2.16146	0.0311621	1.99753	1.99753	0.676338	0.891491	-1.12172	0.866327	0.954956	-1.04717
cg00437432	PQLC3	0.0683328	0.502903	1.42364	1.42364	0.903817	0.939126	-1.06482	0.0298825	0.265138	-3.77163	0.079403	2.75001	2.75001	0.190922	0.487017	-2.05332
cg10908752	MBNL2;MBNL2	0.0683331	0.0146238	0.517579	-1.93207	0.0103586	0.492934	-2.02867	0.0489772	0.611145	-1.63627	0.241852	0.764641	-1.3078	0.629135	0.898884	-1.11249
cg01014179	FBXO36;TRIP12	0.0683342	0.471347	0.922471	-1.08404	0.00169032	1.6391	1.6391	0.603767	0.943964	-1.05936	0.57548	1.0643	1.0643	0.943977	1.00777	1.00777
cg19453665	SERPINH1	0.0683378	0.168558	1.25164	1.25164	0.0120427	1.61456	1.61456	0.302301	0.849184	-1.1776	0.971675	0.994583	-1.00545	0.445562	1.12633	1.12633
cg07133099	CRISPLD2;CRISPLD2	0.0683384	0.0814746	0.584168	-1.71184	0.456828	0.809816	-1.23485	0.124866	1.588	1.588	0.814745	0.936749	-1.06752	0.309959	1.33974	1.33974
cg21526357	RAP1GAP2;RAP1GAP2	0.0683399	0.789191	0.943349	-1.06005	0.203089	0.746466	-1.33965	0.0153518	0.523331	-1.91084	0.551937	0.877243	-1.13994	0.0142962	0.518165	-1.92989
cg05572834	CTPS2;CTPS2;CTPS2	0.0683402	0.0219997	0.459913	-2.17432	0.94809	0.98176	-1.01858	0.380622	1.28951	1.28951	0.019275	2.22625	2.22625	0.425606	0.794514	-1.25863
cg22983885	C1orf128	0.068344	0.289102	0.857164	-1.16664	0.0349121	1.41102	1.41102	0.834148	0.97106	-1.0298	0.19779	0.82641	-1.21005	0.0214663	0.679124	-1.47248
cg09349343	B3GALT4	0.0683464	0.333543	1.35545	1.35545	0.00343239	3.36031	3.36031	0.0658242	1.87649	1.87649	0.192366	1.52308	1.52308	0.0882615	1.77451	1.77451
cg03652336	MAML3	0.0683466	0.0198132	0.282505	-3.53976	0.707808	0.844362	-1.18433	0.0386723	0.340974	-2.93278	0.220335	0.560457	-1.78426	0.928708	1.04103	1.04103
cg10160682	PXDN	0.0683467	0.130642	0.450254	-2.22097	0.0287832	3.52723	3.52723	0.652649	1.24791	1.24791	0.671943	0.812028	-1.23148	0.194264	0.511046	-1.95677
cg02079421	PCNT	0.0683472	0.126088	1.53302	1.53302	0.00679702	2.47278	2.47278	0.0257535	1.98103	1.98103	0.294843	1.32372	1.32372	0.796997	0.935624	-1.06881
cg16578537	FAM43A	0.068348	0.191899	0.800737	-1.24885	0.222843	1.22882	1.22882	0.649046	1.07649	1.07649	0.117963	0.761029	-1.31401	0.293591	0.839244	-1.19155
cg15733729	KIAA1026;KIAA1026	0.0683496	0.154836	0.462321	-2.163	0.00412033	0.142338	-7.02553	0.0332223	0.283306	-3.52975	0.662069	1.24961	1.24961	0.211312	0.513116	-1.94888
cg06797525	HIST1H2AM;HIST1H2BO	0.0683503	0.00229374	0.134667	-7.42573	0.702144	0.834652	-1.1981	0.806932	1.12207	1.12207	0.112215	0.443319	-2.25571	0.694688	0.830648	-1.20388
cg09416717	HAAO	0.0683538	0.0891962	0.361015	-2.76997	0.097712	0.37245	-2.68492	0.0239251	0.231157	-4.32606	0.282812	0.545186	-1.83423	0.0132383	0.188439	-5.30677
cg00338229	OPA3;OPA3	0.0683556	0.0600573	0.59317	-1.68586	0.837497	0.950693	-1.05186	0.43893	0.823351	-1.21455	0.446418	0.826063	-1.21056	0.172516	0.699438	-1.42972
cg18057306	MIPEP	0.0683559	0.0871269	0.39758	-2.51522	0.074636	0.379221	-2.63699	0.0327338	0.295264	-3.3868	0.0822007	0.390562	-2.56042	0.0131603	0.222904	-4.48624
cg14737905	PROC	0.0683561	0.296632	0.647917	-1.54341	0.0406758	0.387593	-2.58002	0.0113385	0.280403	-3.56629	0.0472221	0.402272	-2.48588	0.0221636	0.332894	-3.00396
cg12738764	MYO1B;MYO1B;MYO1B	0.0683604	0.298789	0.711526	-1.40543	0.0122536	0.373044	-2.68065	0.148844	0.613061	-1.63116	0.198982	0.651206	-1.53561	0.0103279	0.360193	-2.77629
cg05039382	DOCK5	0.0683615	0.592976	1.37031	1.37031	0.4671	0.649165	-1.54044	0.0129592	0.165173	-6.05425	0.795151	1.16407	1.16407	0.721545	0.811434	-1.23239
cg21292587	FOXP2;FOXP2;FOXP2	0.068362	0.579464	1.15586	1.15586	0.461965	0.823848	-1.21382	0.0216565	0.489961	-2.04098	0.790832	1.0712	1.0712	0.113143	0.640095	-1.56227
cg12870705	NRP1;NRP1;NRP1	0.0683629	?	?	?	0.333943	1.45288	1.45288	?	?	?	0.0639185	0.392951	-2.54485	0.0288001	0.276125	-3.62155
cg15202006	CPA6;CPA6;CPA6;CPA6	0.0683636	0.102449	0.477748	-2.09315	0.441322	0.722859	-1.3834	0.0633612	0.421883	-2.37032	0.0661769	0.426629	-2.34396	0.00300339	0.186008	-5.37612
cg19647197	CCDC53	0.0683673	0.357605	0.710961	-1.40655	0.01876	0.358119	-2.79237	0.571752	0.813794	-1.22881	0.254141	1.5363	1.5363	0.10091	0.523179	-1.91139
cg05327187	SNORD116-8	0.0683679	0.318467	0.770054	-1.29861	0.0861924	0.618519	-1.61677	0.237632	1.36821	1.36821	0.503037	0.841778	-1.18796	0.930077	0.978005	-1.02249
cg21357996	MYH7B;MIR499	0.0683679	0.0163484	0.239917	-4.16811	0.349797	0.626223	-1.59687	0.16147	0.483274	-2.06922	0.756865	0.859824	-1.16303	0.0389438	0.312726	-3.19769
cg02132163	FABP5	0.0683686	0.067465	19.316	19.316	0.0546085	23.3577	23.3577	0.102903	13.1783	13.1783	0.106077	12.8175	12.8175	0.247568	5.73786	5.73786
cg17500742	KNDC1	0.06837	0.144261	0.673255	-1.48532	0.411374	0.809068	-1.23599	0.0626418	0.589527	-1.69627	0.457944	1.21003	1.21003	0.922465	0.975744	-1.02486
cg08291069	PDE4A	0.06837	0.78648	0.95181	-1.05063	0.0621492	0.68251	-1.46518	0.405592	0.856605	-1.1674	0.322001	1.20454	1.20454	0.505163	0.884264	-1.13088
cg08377000	TIGD2	0.0683701	0.113351	0.698461	-1.43172	0.1429	0.720382	-1.38815	0.0495321	0.627037	-1.5948	0.718284	1.07838	1.07838	0.344673	0.816497	-1.22474
cg27413008	IL27	0.0683713	0.179402	0.655693	-1.5251	0.0541066	1.90975	1.90975	0.404909	1.28687	1.28687	0.0487904	0.513769	-1.9464	0.429648	0.787727	-1.26948
cg16238419	IL17REL	0.0683722	0.13411	1.81669	1.81669	0.214247	1.62127	1.62127	0.348817	0.70017	-1.42822	0.147498	1.77593	1.77593	0.0387075	2.42229	2.42229
cg15247247	FOXK1	0.068373	0.280026	1.31927	1.31927	0.39492	0.806552	-1.23984	0.0217185	1.97357	1.97357	0.530587	1.16969	1.16969	0.391231	0.80513	-1.24204
cg03187710	CROCC	0.068376	0.821233	0.955973	-1.04605	0.890808	0.973044	-1.0277	0.9234	0.981049	-1.01932	0.375246	1.19847	1.19847	0.0317666	0.606071	-1.64997
cg04566233	RPTOR;RPTOR	0.0683769	0.40661	1.20413	1.20413	0.0425465	0.599913	-1.66691	0.02262	0.550311	-1.81716	0.809046	0.948406	-1.0544	0.075011	0.648023	-1.54315
cg20357628	PHACTR3;PHACTR3	0.0683784	0.0838007	1.89947	1.89947	0.0403843	2.21198	2.21198	0.263887	1.47771	1.47771	0.23314	1.52071	1.52071	0.0883674	1.8784	1.8784
cg03222009	HS6ST1	0.0683785	0.0780358	0.46536	-2.14887	0.754189	1.13056	1.13056	0.195406	1.7074	1.7074	0.717109	1.15275	1.15275	0.00618791	0.247894	-4.03398
cg14607011	C10orf125;C10orf125	0.0683799	0.276781	1.87041	1.87041	0.277372	0.535088	-1.86885	0.412504	0.628895	-1.59009	0.831725	0.888885	-1.125	0.547732	1.40037	1.40037
cg17078629	RTP2;RTP2	0.068381	0.014812	0.30525	-3.276	0.147443	0.540545	-1.84998	0.0153515	0.308026	-3.24648	0.678237	0.847797	-1.17953	0.0213879	0.334773	-2.9871
cg04192862	BAMBI;BAMBI	0.0683825	0.371099	1.07966	1.07966	0.153147	1.13618	1.13618	0.0190483	1.26728	1.26728	0.0146453	1.2851	1.2851	0.7103	1.03163	1.03163
cg08374798	COL9A3	0.0683832	0.132347	0.594857	-1.68108	0.0196903	2.46222	2.46222	0.327317	1.38184	1.38184	0.400948	1.3165	1.3165	0.123372	0.58636	-1.70544
cg08811443	TBCD	0.0683844	0.0979119	0.506975	-1.97248	0.121914	0.534046	-1.8725	0.322111	0.682033	-1.4662	0.514029	1.28094	1.28094	0.00927761	0.290807	-3.43871
cg26740249	TNRC6C;TNRC6C	0.0683857	0.0434393	1.5011	1.5011	0.485218	1.13207	1.13207	0.0687022	1.42814	1.42814	0.0451792	1.49471	1.49471	0.253246	0.811637	-1.23208
cg06641593	VILL	0.0683869	0.15834	0.727387	-1.37478	0.193375	1.33709	1.33709	0.191248	0.746729	-1.33917	0.207772	0.755518	-1.32359	0.883381	0.969495	-1.03146
cg23879355	CCDC7;CCDC7	0.0683874	0.123438	0.690979	-1.44722	0.194187	0.737662	-1.35563	0.0339666	0.577907	-1.73038	0.224429	0.753755	-1.32669	0.0055904	0.446618	-2.23905
cg12630147	TET1	0.0683882	0.60969	0.831688	-1.20237	0.0178256	2.80375	2.80375	0.503777	1.27487	1.27487	0.533856	1.25299	1.25299	0.101353	1.90045	1.90045
cg22463517	SDF2;SUPT6H;SDF2	0.0683892	0.699244	1.03653	1.03653	0.978905	0.99756	-1.00245	0.658731	1.04193	1.04193	0.704242	1.03587	1.03587	0.0946147	0.843848	-1.18505
cg10179964	DCP1B	0.0683908	0.339579	1.12383	1.12383	0.0220867	1.3848	1.3848	0.00952804	1.47623	1.47623	0.216638	1.16673	1.16673	0.172081	1.18816	1.18816
cg02475377	TRIB3	0.068391	0.658175	0.818476	-1.22178	0.361609	1.52482	1.52482	0.3909	1.48511	1.48511	0.00237644	0.148673	-6.72618	0.186305	0.532424	-1.8782
cg25067242	NGF	0.0683918	0.062214	4.97117	4.97117	0.0246681	7.71876	7.71876	0.348836	2.08918	2.08918	0.285037	2.33562	2.33562	0.0742542	4.56977	4.56977
cg12148919	PTPRK;PTPRK;PTPRK;PTPRK	0.068392	0.91193	0.985273	-1.01495	0.774165	0.962156	-1.03933	0.851414	0.975168	-1.02546	0.627033	0.936445	-1.06787	0.717154	0.952385	-1.05
cg23094961	LOC200726	0.0683924	0.138703	0.434136	-2.30342	0.592433	0.753611	-1.32694	0.43043	0.656186	-1.52396	0.137383	0.432739	-2.31086	0.0303399	0.263761	-3.79132
cg26914390	SEC1;DBP	0.0683927	0.53473	1.1864	1.1864	0.17907	1.47409	1.47409	0.0723428	1.72493	1.72493	0.0952584	0.607549	-1.64596	0.204543	0.69491	-1.43904
cg09433910	WDR81;WDR81;WDR81	0.0683939	0.0660649	0.415062	-2.40928	0.0676417	0.41767	-2.39424	0.00349095	0.184498	-5.42012	0.0738417	0.427523	-2.33905	0.0981525	0.461326	-2.16766
cg18673246	GPS2	0.0683959	0.454802	0.815827	-1.22575	0.00506141	2.69378	2.69378	0.0600141	1.76344	1.76344	0.169704	1.47858	1.47858	0.936625	1.02149	1.02149
cg14630601	PTGIS	0.068396	0.840994	0.961798	-1.03972	0.410518	1.17726	1.17726	0.746981	0.939161	-1.06478	0.00263414	0.446119	-2.24156	0.709814	0.930086	-1.07517
cg19254119	ZNF560	0.0683973	0.00909627	20.1719	20.1719	0.502262	0.539416	-1.85386	0.811578	0.805342	-1.24171	0.213134	0.304676	-3.28218	0.126494	0.223472	-4.47484
cg16873863	SLC22A18AS;SLC22A18	0.0683982	0.635943	0.876665	-1.14069	0.990511	0.996723	-1.00329	0.699192	1.11314	1.11314	0.0357751	0.509472	-1.96281	0.969168	1.01073	1.01073
cg05214404	C4orf19	0.0683993	0.623296	0.940065	-1.06376	0.0610658	1.30152	1.30152	0.635705	1.06139	1.06139	0.0251225	1.39454	1.39454	0.924082	0.988171	-1.01197
cg25638626	LBXCOR1	0.0684	0.107892	6.74068	6.74068	0.0706271	9.00235	9.00235	0.0653848	9.48528	9.48528	0.731708	0.687742	-1.45403	0.274638	0.290446	-3.44299
cg12519998	DIP2C	0.0684003	0.361767	1.24847	1.24847	0.567066	0.872005	-1.14678	0.00127859	3.03999	3.03999	0.3578	1.2509	1.2509	0.630193	1.12169	1.12169
cg17670366	JAKMIP2	0.0684039	0.553195	0.920125	-1.08681	0.182538	0.821751	-1.21691	0.371544	1.13579	1.13579	0.794952	0.964502	-1.0368	0.917212	0.985674	-1.01453
cg01761420	PRDM1;PRDM1	0.0684052	0.119171	0.826304	-1.21021	0.0662127	1.26171	1.26171	0.890522	1.01566	1.01566	0.0956668	1.22936	1.22936	0.719847	0.960181	-1.04147
cg14111789	CASK;CASK;CASK	0.0684057	0.555425	0.814564	-1.22765	0.0229519	0.392357	-2.5487	0.0148381	0.356757	-2.80303	0.887109	1.05006	1.05006	0.934893	1.02849	1.02849
cg11325777	WDR62;WDR62	0.0684087	0.729825	0.927522	-1.07814	0.00276416	0.408236	-2.44956	0.0742333	0.6494	-1.53988	0.399172	1.20601	1.20601	0.821711	0.952198	-1.0502
cg24789299	SLC6A6;SLC6A6;SLC6A6	0.0684093	0.976703	1.00376	1.00376	0.00744466	0.642185	-1.55718	0.418515	0.899222	-1.11207	0.521785	1.08701	1.08701	0.145502	1.22243	1.22243
cg03250947	NOTCH4	0.0684097	0.0598402	0.259248	-3.85731	0.037579	0.215738	-4.63526	0.0277663	0.191351	-5.226	0.27875	0.48872	-2.04616	0.0470723	0.235809	-4.24072
cg22029824	C4orf48;C4orf48;C4orf48	0.0684159	0.766516	0.923175	-1.08322	0.830575	1.05921	1.05921	0.453988	1.22722	1.22722	0.840717	1.0555	1.0555	0.281973	1.35005	1.35005
cg12438430	ADARB2	0.0684168	0.334596	0.743232	-1.34547	0.00177443	3.77026	3.77026	0.740731	0.905726	-1.10409	0.302713	0.727339	-1.37487	0.748605	0.90857	-1.10063
cg17218026	ADAR;ADAR;ADAR;ADAR	0.068417	0.0244466	0.639842	-1.56289	0.962436	1.00788	1.00788	0.0111833	0.588868	-1.69817	0.149296	0.772943	-1.29376	0.45647	0.881333	-1.13464
cg04319611	FNDC3B;FNDC3B	0.0684172	0.104619	0.547689	-1.82585	0.126304	0.57042	-1.75309	0.107535	0.550933	-1.8151	0.0182659	0.378201	-2.6441	0.0109648	0.338425	-2.95486
cg01964337	CHST11	0.0684192	0.0250562	0.228088	-4.38427	0.0252075	0.228566	-4.37509	0.0432604	0.275488	-3.62992	0.234585	0.501135	-1.99547	0.00757147	0.148835	-6.71883
cg12108375	HPS3	0.0684193	0.665747	0.959147	-1.04259	0.00868794	0.725452	-1.37845	0.697462	0.963203	-1.0382	0.0908258	1.19576	1.19576	0.259027	1.11964	1.11964
cg19756253	EEFSEC	0.0684234	0.286703	0.782585	-1.27782	0.0419105	0.594782	-1.68129	0.0106223	0.490693	-2.03794	0.259033	0.770329	-1.29815	0.167712	0.72192	-1.3852
cg08030987	MIR575;SCD5;SCD5	0.0684242	0.399869	0.821393	-1.21744	0.0805045	0.642372	-1.55673	0.427774	1.20303	1.20303	0.12825	1.45555	1.45555	0.0428077	0.587255	-1.70284
cg12671247	RAD1;RAD1	0.0684245	0.494747	1.26816	1.26816	0.212211	1.56869	1.56869	0.113299	0.554068	-1.80483	0.826182	1.07827	1.07827	0.0774046	0.510357	-1.95941
cg10371483	ADCY9	0.0684255	0.136012	0.498326	-2.00672	0.0436644	0.365861	-2.73328	0.080258	0.431146	-2.3194	0.920274	0.957524	-1.04436	0.0340447	0.342122	-2.92293
cg04372973	VPS24;VPS24	0.0684272	0.789465	0.943855	-1.05948	0.228382	1.31386	1.31386	0.355924	0.814623	-1.22756	0.477762	1.16865	1.16865	0.124105	0.697988	-1.43269
cg07039975	DCTN1;DCTN1;DCTN1;DCTN1	0.0684275	0.628285	0.875053	-1.14279	0.360114	0.773054	-1.29357	0.726543	0.908411	-1.10082	0.00800108	2.53411	2.53411	0.824518	0.941051	-1.06264

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24984523	0.150862	8.45013	8.45013	0.00546404	158.493	158.493	0.0352215	29.9695	29.9695	0.0727987	16.0305	16.0305	3.00062	91.3261	27.054	1
cg15452204	0.197056	1.52496	1.52496	0.00214734	3.79506	3.79506	0.13749	1.64037	1.64037	0.428771	1.28396	1.28396	3.00062	4.54978	1.34781	1
cg12698626	0.866158	1.08924	1.08924	0.432996	0.666679	-1.49997	0.00607518	0.16278	-6.14327	0.100667	0.402058	-2.4872	3.00061	12.2023	3.61476	1
cg01069753	0.735096	1.19282	1.19282	0.266131	1.82499	1.82499	0.903791	0.93915	-1.06479	0.581672	0.74909	-1.33495	3.00061	12.8096	3.79467	1
cg09166022	0.0525627	2.31165	2.31165	0.62148	0.827601	-1.20831	0.701334	1.15779	1.15779	0.610097	0.822399	-1.21596	3.0006	6.86937	2.03496	1
cg04920385	0.075155	2.53614	2.53614	0.182333	1.944	1.944	0.0133255	4.22083	4.22083	0.143933	2.09039	2.09039	3.00057	10.4824	3.1053	1
cg02691362	0.00676081	0.47054	-2.12522	0.524423	1.14857	1.14857	0.0685381	0.645429	-1.54936	0.0614284	0.636051	-1.5722	3.00056	2.19122	0.649128	1
cg18450072	0.283076	0.865282	-1.15569	0.00550796	0.622891	-1.60542	0.349332	1.13314	1.13314	0.455708	1.10359	1.10359	3.0005	0.799863	0.236957	1
cg06492744	0.431832	0.609203	-1.64149	0.777287	0.839299	-1.19147	0.995036	1.00385	1.00385	0.357373	1.79455	1.79455	3.00048	18.1359	5.37275	1
cg23424766	0.240672	0.762397	-1.31165	0.334529	1.24584	1.24584	0.0133139	1.96852	1.96852	0.0434345	1.67016	1.67016	3.00048	2.31785	0.686661	1
cg00231644	0.962735	1.01744	1.01744	0.00698138	0.275003	-3.63632	0.0890036	0.499598	-2.00161	0.403694	0.728955	-1.37183	3.00048	6.50476	1.92703	1
cg26213873	0.0961815	0.689895	-1.4495	0.697507	0.9237	-1.0826	0.931175	1.01771	1.01771	0.0541555	1.55906	1.55906	3.00044	1.96203	0.581257	1
cg08860136	0.184468	2.23153	2.23153	0.332329	1.76876	1.76876	0.00461457	8.58035	8.58035	0.0284906	4.36688	4.36688	3.00044	15.4514	4.57752	1
cg07012484	0.510685	1.26121	1.26121	0.613903	1.19357	1.19357	0.459776	0.76967	-1.29926	0.449716	0.764969	-1.30724	3.00043	5.74931	1.70325	1
cg08188400	0.0984724	1.16735	1.16735	0.0695162	0.840835	-1.18929	0.762155	0.974413	-1.02626	0.0913949	1.17204	1.17204	3.00042	0.346496	0.102651	1
cg15729649	0.0667169	0.447412	-2.23508	0.0979247	0.491499	-2.03459	0.0708765	0.454057	-2.20237	0.531769	0.780519	-1.2812	3.0004	7.27318	2.15473	1
cg04180125	0.060238	1.30649	1.30649	0.172714	0.832723	-1.20088	0.0138204	1.46788	1.46788	0.0794548	1.27836	1.27836	3.0004	0.756155	0.224016	1
cg27541048	0.023939	0.355015	-2.81678	0.0290926	0.372079	-2.6876	0.0761831	0.468402	-2.13492	0.162383	0.563631	-1.77421	3.00037	7.02134	2.08014	1
cg07997066	0.0869262	1.19521	1.19521	0.0195588	1.30491	1.30491	0.961385	1.00458	1.00458	0.120128	0.852966	-1.17238	3.00032	0.422785	0.125256	1
cg26076750	0.126727	1.23404	1.23404	0.387176	0.893289	-1.11946	0.797034	0.967721	-1.03336	0.0748382	1.28737	1.28737	3.00031	0.770159	0.228172	1
cg07194993	0.320315	0.62217	-1.60728	0.0339882	0.318634	-3.1384	0.159394	0.499129	-2.00349	0.118116	0.456525	-2.19046	3.00026	10.1473	3.00634	1
cg00502099	0.655141	0.880198	-1.13611	0.985559	1.00515	1.00515	0.0752912	1.75446	1.75446	0.540681	0.83878	-1.19221	3.00026	3.82879	1.13436	1
cg21491201	0.099036	0.291649	-3.42878	0.0105461	0.111664	-8.95545	0.115697	0.311892	-3.20623	0.473964	0.608847	-1.64245	3.00024	22.0597	6.53568	1
cg02131142	0.379807	0.647901	-1.54345	0.0091761	0.203149	-4.9225	0.808585	0.889657	-1.12403	0.0282834	0.287217	-3.48169	3.00022	11.0274	3.26715	1
cg05852143	0.728519	0.763701	-1.30941	0.793571	0.81637	-1.22493	0.0127486	10.959	10.959	0.437786	1.84475	1.84475	3.00022	28.4404	8.42617	1
cg05617452	0.23143	0.802171	-1.24662	0.00320288	0.493305	-2.02714	0.516922	0.891011	-1.12232	0.441556	1.14776	1.14776	3.00021	1.46548	0.434187	1
cg26559689	0.689241	0.863077	-1.15864	0.433268	0.746074	-1.34035	0.0195395	2.81174	2.81174	0.515016	1.27359	1.27359	3.0002	6.37649	1.8892	1
cg04830471	0.897012	0.921717	-1.08493	0.0280689	0.195322	-5.11975	0.0983924	0.319506	-3.12983	0.147168	0.375604	-2.66238	3.00019	18.8282	5.57838	1
cg12036365	0.021176	1.45694	1.45694	0.0348241	1.39661	1.39661	0.795534	1.03589	1.03589	0.868383	1.02278	1.02278	3.00018	0.876278	0.259622	1
cg03703887	0.149787	2.15013	2.15013	0.0499146	3.03003	3.03003	0.831191	1.11164	1.11164	0.669578	0.80831	-1.23715	3.00015	11.6781	3.46	1
cg10359157	0.348043	0.51454	-1.94348	0.395906	0.54994	-1.81838	0.848508	0.876757	-1.14057	0.0313563	5.67873	5.67873	3.00014	22.4755	6.65909	1
cg20611453	0.480064	1.13526	1.13526	0.0200506	1.64185	1.64185	0.561135	0.901367	-1.10943	0.992265	0.998289	-1.00171	3.00013	1.48383	0.439633	1
cg11993253	0.0133764	0.490018	-2.04074	0.612081	0.88775	-1.12644	0.0537628	0.600558	-1.66512	0.0196063	0.518633	-1.92815	3.00013	2.57577	0.763157	1
cg06909976	0.080206	1.32315	1.32315	0.111472	0.778715	-1.28417	0.60315	0.927123	-1.07861	0.50381	0.906763	-1.10282	3.00011	0.988991	0.293024	1
cg13415371	0.131169	0.465455	-2.14844	0.0252114	0.286821	-3.48649	0.659066	1.23163	1.23163	0.906136	0.946154	-1.05691	3.00009	10.4616	3.09963	1
cg10800003	0.815847	0.97032	-1.03059	0.589505	1.07288	1.07288	0.204374	1.18884	1.18884	0.578486	1.07518	1.07518	3.00007	0.792537	0.23482	1
cg08535091	0.680452	1.12973	1.12973	0.00208774	0.279258	-3.58092	0.205549	0.674789	-1.48194	0.5404	1.20027	1.20027	3.00006	4.122	1.22131	1
cg01990878	0.518172	1.14226	1.14226	0.851791	0.962736	-1.03871	0.00315897	2.26814	2.26814	0.678432	1.08834	1.08834	3.00004	1.95886	0.580393	1
cg05262829	0.553608	0.734124	-1.36217	0.0904005	0.381966	-2.61803	0.768459	0.858757	-1.16447	0.426726	0.657971	-1.51982	3.00001	12.6409	3.74545	1
cg12138837	0.485601	0.881076	-1.13498	0.280867	0.8185	-1.22175	0.093094	0.718845	-1.39112	0.0996843	1.38045	1.38045	3	1.51704	0.449492	1
cg13882046	0.939565	1.01504	1.01504	0.0599222	1.51886	1.51886	0.889575	1.02773	1.02773	0.016353	0.561053	-1.78236	2.99998	1.8422	0.54584	1
cg02734419	0.736347	0.960084	-1.04158	0.0229979	1.38789	1.38789	0.0316313	0.738058	-1.35491	0.15689	1.20022	1.20022	2.99997	0.690365	0.204555	1
cg00849025	0.213161	0.424235	-2.35718	0.0110767	0.124492	-8.03265	0.0661882	0.259805	-3.84904	0.0530201	0.237398	-4.21234	2.99997	20.3249	6.02226	1
cg11284411	0.683394	0.866866	-1.15358	0.0290559	0.40803	-2.4508	0.0385323	2.30512	2.30512	0.145644	0.580215	-1.7235	2.99995	5.76803	1.70907	1
cg03815552	0.189433	1.55964	1.55964	0.495037	0.801291	-1.24799	0.362339	1.349	1.349	0.344573	0.732507	-1.36518	2.99994	4.85737	1.43925	1
cg19458485	0.894081	0.982384	-1.01793	0.00490703	0.608157	-1.64431	0.0900876	0.779392	-1.28305	0.575375	0.927271	-1.07843	2.99993	0.845784	0.250608	1
cg26942275	0.767898	1.19652	1.19652	0.0250857	5.03021	5.03021	0.0597453	3.62526	3.62526	0.00823048	7.76107	7.76107	2.9999	17.4617	5.17402	1
cg22388260	0.588349	1.26969	1.26969	0.00409323	0.185766	-5.38312	0.993872	0.99665	-1.00336	0.221688	0.570487	-1.75289	2.9999	9.07169	2.688	1
cg26892618	0.616043	1.19802	1.19802	0.496059	0.781158	-1.28015	0.0441118	2.28526	2.28526	0.066877	2.08357	2.08357	2.99986	6.06678	1.79765	1
cg24743156	0.47171	1.27384	1.27384	0.156428	0.605804	-1.6507	0.0217686	2.4855	2.4855	0.165697	0.613381	-1.63031	2.99985	5.19322	1.53881	1
cg24881159	0.821711	0.985369	-1.01485	0.721056	0.976859	-1.02369	0.0480851	1.15898	1.15898	0.64445	1.03081	1.03081	2.99985	0.202609	0.0600353	1
cg17889623	0.324829	1.69948	1.69948	0.00451629	7.19852	7.19852	0.0329602	3.6726	3.6726	0.904807	0.939505	-1.06439	2.99985	12.9257	3.83004	1
cg03489020	0.370378	0.670323	-1.49182	0.243716	0.588375	-1.6996	0.126655	2.05127	2.05127	0.204225	0.558433	-1.79073	2.99984	8.98379	2.66201	1
cg12638731	0.425939	2.21545	2.21545	0.157407	0.227797	-4.38987	0.193116	0.25988	-3.84793	0.0469694	9.25214	9.25214	2.99981	45.4834	13.4774	1
cg01071534	0.953949	1.01671	1.01671	0.0338555	0.49113	-2.03612	0.177435	0.662723	-1.50893	0.0733008	0.563717	-1.77394	2.99977	3.91368	1.1597	1
cg13386712	0.0230058	0.490266	-2.03971	0.00987532	0.42541	-2.35067	0.142304	1.5121	1.5121	0.539395	0.849685	-1.17691	2.99977	3.26497	0.967472	1
cg20525378	0.0645034	0.480335	-2.08188	0.324878	1.43182	1.43182	0.138616	0.569553	-1.75576	0.516001	1.26179	1.26179	2.99976	5.92273	1.75502	1
cg07028869	0.257929	2.51608	2.51608	0.148305	3.3601	3.3601	0.0136883	10.8376	10.8376	0.632682	1.45699	1.45699	2.99975	29.0241	8.60043	1
cg06556397	0.0445408	0.72473	-1.37982	0.188902	0.823441	-1.21442	0.160884	1.23247	1.23247	0.89357	1.01886	1.01886	2.99975	0.925412	0.274219	1
cg18656024	0.950564	0.971924	-1.02889	0.00533163	0.185247	-5.39819	0.157115	0.499083	-2.00368	0.053215	0.364653	-2.74234	2.99975	10.0228	2.96995	1
cg11875500	0.20625	0.694375	-1.44014	0.143166	1.53797	1.53797	0.440277	0.806286	-1.24026	0.237211	1.40323	1.40323	2.99973	3.55592	1.0537	1
cg00437432	0.159059	2.18569	2.18569	0.0294427	0.263865	-3.78981	0.330995	1.68388	1.68388	0.58124	1.33566	1.33566	2.99967	12.8226	3.79972	1
cg10908752	0.798509	0.945505	-1.05764	0.225583	1.32152	1.32152	0.561389	0.879291	-1.13728	0.858782	0.961738	-1.03978	2.99967	2.27976	0.675558	1
cg01014179	0.098928	1.2205	1.2205	0.439558	1.09071	1.09071	0.405943	1.09817	1.09817	0.46835	1.08466	1.08466	2.99965	0.576302	0.170776	1
cg19453665	0.483451	1.11511	1.11511	0.0113125	1.62459	1.62459	0.24809	1.20289	1.20289	0.3357	0.859099	-1.16401	2.99959	1.11188	0.329491	1
cg07133099	0.758009	0.917568	-1.08984	0.00641872	0.37269	-2.6832	0.70065	1.11353	1.11353	0.17636	1.49203	1.49203	2.99958	3.68149	1.09097	1
cg21526357	0.087402	1.50785	1.50785	0.810355	0.949025	-1.05371	0.694162	1.08981	1.08981	0.17926	0.733096	-1.36408	2.99955	2.25007	0.666786	1
cg05572834	0.361094	0.766872	-1.304	0.0812929	0.579053	-1.72696	0.283684	1.37013	1.37013	0.681802	0.889981	-1.12362	2.99955	3.79738	1.12532	1
cg22983885	0.140603	0.800905	-1.24859	0.276035	0.85325	-1.17199	0.751881	0.956547	-1.04543	0.104845	1.28179	1.28179	2.99948	0.931932	0.276176	1
cg09349343	0.165804	1.56933	1.56933	0.0918249	1.76111	1.76111	0.0383593	2.07861	2.07861	0.490056	1.23836	1.23836	2.99944	4.41667	1.30889	1
cg03652336	0.581739	1.284	1.284	0.0137428	0.254421	-3.93049	0.479615	1.38113	1.38113	0.101993	0.447434	-2.23497	2.99943	9.5905	2.84217	1
cg10160682	0.213838	0.527391	-1.89612	0.0100097	0.204041	-4.90097	0.377554	0.642367	-1.55674	0.460907	0.692843	-1.44333	2.99943	11.3512	3.36395	1
cg02079421	0.363008	1.27294	1.27294	0.0407546	1.83993	1.83993	0.786948	0.932458	-1.07243	0.732141	0.915129	-1.09274	2.99942	3.16544	0.938089	1
cg16578537	0.010862	0.597808	-1.67278	0.0886858	0.739274	-1.35268	0.0265789	0.655192	-1.52627	0.242302	0.821312	-1.21756	2.99941	1.22925	0.364295	1
cg15733729	0.107968	0.411205	-2.43188	0.769303	0.861556	-1.16069	0.675003	1.23821	1.23821	0.87613	1.08225	1.08225	2.99938	12.1957	3.61429	1
cg06797525	0.474729	1.40766	1.40766	0.554495	1.32474	1.32474	0.445342	0.693535	-1.44189	0.301159	1.65519	1.65519	2.99937	10.5103	3.11483	1
cg09416717	0.174514	0.456073	-2.19263	0.0139043	0.191697	-5.21656	0.512635	0.697012	-1.4347	0.0893941	0.361288	-2.76788	2.99931	14.0359	4.15976	1
cg00338229	0.0362591	0.549109	-1.82113	0.00303985	0.36796	-2.71769	0.486176	0.84011	-1.19032	0.66846	1.11191	1.11191	2.99928	2.87963	0.85343	1
cg18057306	0.0456665	0.326673	-3.06117	0.0362315	0.30452	-3.28386	0.134834	0.45515	-2.19708	0.0959832	0.409569	-2.44159	2.99927	11.3247	3.35629	1
cg14737905	0.0312555	0.362925	-2.75539	0.512002	0.765882	-1.30568	0.227511	0.60165	-1.6621	0.211695	0.589982	-1.69497	2.99927	7.64059	2.26443	1
cg12738764	0.166421	0.627319	-1.59409	0.0180559	0.403467	-2.47852	0.169255	0.629518	-1.58852	0.410114	0.766282	-1.305	2.99919	4.744	1.40601	1
cg05039382	0.0924143	0.339125	-2.94877	0.010596	0.153068	-6.53303	0.607407	0.738901	-1.35336	0.234175	2.07133	2.07133	2.99917	16.1942	4.79959	1
cg21292587	0.0241579	0.498756	-2.00499	0.0550211	1.75587	1.75587	0.531684	1.17813	1.17813	0.913849	0.972386	-1.0284	2.99916	3.18038	0.942599	1
cg12870705	0.990833	1.00406	1.00406	0.173328	1.78321	1.78321	0.0948907	2.19055	2.19055	?	?	?	7.08214	7.48149	0.528194	1
cg15202006	0.0992932	0.473863	-2.11032	0.20802	0.5777	-1.731	0.655422	0.830562	-1.204	0.108787	0.485309	-2.06054	2.99913	8.11546	2.40528	1
cg19647197	0.381872	0.723695	-1.3818	0.0286316	2.53707	2.53707	0.253002	1.53803	1.53803	0.733184	1.13132	1.13132	2.99907	6.17579	1.83043	1
cg05327187	0.792898	0.935494	-1.06895	0.532082	1.17396	1.17396	0.0039425	2.67194	2.67194	0.412064	0.80853	-1.23681	2.99906	3.05034	0.904088	1
cg21357996	0.109494	0.428012	-2.33638	0.00586007	0.173068	-5.77808	0.25848	0.563616	-1.77426	0.163795	0.485475	-2.05984	2.99906	11.2335	3.32948	1
cg02132163	0.0687756	18.9843	18.9843	0.0111901	98.9032	98.9032	0.0253002	46.678	46.678	0.0483801	26.0391	26.0391	2.99905	99.2008	29.4022	1
cg17500742	0.123387	1.52343	1.52343	0.0083276	2.34108	2.34108	0.821233	1.05875	1.05875	0.484805	0.836054	-1.1961	2.99902	3.0219	0.895671	1
cg08291069	0.523736	1.12472	1.12472	0.00278542	0.472398	-2.11686	0.488299	1.13663	1.13663	0.959985	0.990915	-1.00917	2.99902	1.5716	0.465812	1
cg08377000	0.158966	1.3683	1.3683	0.363876	1.21453	1.21453	0.157512	0.729922	-1.37001	0.01232	0.522482	-1.91394	2.99902	2.06061	0.610749	1
cg27413008	0.321813	0.738662	-1.3538	0.230321	1.45129	1.45129	0.031251	0.473327	-2.1127	0.339313	1.3384	1.3384	2.999	4.16031	1.23309	1
cg16238419	0.0285859	2.59741	2.59741	0.0498509	2.28563	2.28563	0.141627	0.557645	-1.79325	0.349327	1.42765	1.42765	2.99898	6.48637	1.92254	1
cg15247247	0.0110955	0.455787	-2.19401	0.834182	0.949592	-1.05308	0.382125	0.801588	-1.24752	0.247794	0.742205	-1.34734	2.99897	2.89159	0.857062	1
cg03187710	0.0241668	0.585792	-1.70709	0.113864	1.40805	1.40805	0.133923	0.725002	-1.37931	0.041906	0.627214	-1.59435	2.99892	1.87983	0.557187	1
cg04566233	0.585114	0.886369	-1.1282	0.0913911	1.50195	1.50195	0.998955	0.999714	-1.00029	0.0638923	0.634001	-1.57728	2.9989	2.27385	0.67398	1
cg20357628	0.00544006	3.40845	3.40845	0.827269	0.929347	-1.07602	0.0488344	2.12618	2.12618	0.132223	1.72416	1.72416	2.99887	5.3397	1.58273	1
cg03222009	0.187647	1.72548	1.72548	0.98045	0.990473	-1.00962	0.194697	0.585133	-1.70901	0.236396	0.615888	-1.62367	2.99887	7.24881	2.1486	1
cg14607011	0.196427	0.469506	-2.1299	0.0872327	2.84407	2.84407	0.00453784	0.123322	-8.10887	0.788576	1.16041	1.16041	2.99885	14.5527	4.31357	1
cg17078629	0.727739	1.14834	1.14834	0.153798	0.546436	-1.83004	0.426311	0.725072	-1.37917	0.0951688	0.484003	-2.0661	2.99883	7.43922	2.20507	1
cg04192862	0.081524	1.17484	1.17484	0.0939746	0.857537	-1.16613	0.795514	1.02191	1.02191	0.6178	1.04288	1.04288	2.9988	0.33082	0.0980599	1
cg08374798	0.652676	0.865111	-1.15592	0.0764733	1.87818	1.87818	0.52526	1.22862	1.22862	0.0952872	0.55644	-1.79714	2.99879	4.85857	1.44016	1
cg08811443	0.280065	0.656978	-1.52212	0.626351	1.2015	1.2015	0.857229	0.934845	-1.0697	0.0126871	0.313811	-3.18663	2.99877	6.64792	1.97056	1
cg26740249	0.585202	0.908102	-1.1012	0.164592	0.771561	-1.29607	0.148836	0.762766	-1.31102	0.176148	1.28601	1.28601	2.99875	1.45291	0.430671	1
cg06641593	0.969933	1.00799	1.00799	0.0198324	1.8106	1.8106	0.0225985	0.561987	-1.7794	0.922952	1.02063	1.02063	2.99872	2.11575	0.627155	1
cg23879355	0.259691	0.770697	-1.29753	0.457851	1.18231	1.18231	0.222089	0.752567	-1.32879	0.0492374	0.608215	-1.64416	2.99872	2.33055	0.690828	1
cg12630147	0.701928	0.87141	-1.14757	0.0147345	0.3415	-2.92826	0.403894	1.3576	1.3576	0.291745	1.4793	1.4793	2.9987	6.08481	1.80369	1
cg22463517	0.0357856	1.25327	1.25327	0.00995299	0.740208	-1.35097	0.564484	1.05531	1.05531	0.176769	1.1419	1.1419	2.99869	0.405588	0.120227	1
cg10179964	0.493658	1.08594	1.08594	0.37586	0.897812	-1.11382	0.89999	0.985198	-1.01502	0.0318498	1.34765	1.34765	2.99866	0.66814	0.198056	1
cg02475377	0.597741	1.27067	1.27067	0.972599	1.01557	1.01557	0.805759	1.11721	1.11721	0.324013	1.58126	1.58126	2.99865	9.61157	2.84915	1
cg25067242	0.100771	3.94765	3.94765	0.026436	7.4671	7.4671	0.0131364	10.4779	10.4779	0.0618707	4.98425	4.98425	2.99864	27.714	8.2153	1
cg12148919	0.259438	1.17089	1.17089	0.00197425	0.556404	-1.79726	0.15708	1.22498	1.22498	0.612154	0.933735	-1.07097	2.99864	0.854026	0.25316	1
cg23094961	0.0933578	2.62795	2.62795	0.0636151	0.335636	-2.97942	0.0698428	2.89007	2.89007	0.549209	0.72814	-1.37336	2.99863	13.0154	3.85817	1
cg26914390	0.0296218	0.498489	-2.00606	0.15424	1.51382	1.51382	0.307701	1.33251	1.33251	0.247375	1.38931	1.38931	2.99862	3.51019	1.04053	1
cg09433910	0.235173	0.588242	-1.69998	0.364542	0.672095	-1.48789	0.758081	1.14083	1.14083	0.373696	0.677444	-1.47614	2.9986	8.63727	2.56038	1
cg18673246	0.128618	1.55134	1.55134	0.352793	0.774422	-1.29129	0.414531	0.80011	-1.24983	0.738177	1.09384	1.09384	2.99857	3.39492	1.00638	1
cg14630601	0.281414	0.80487	-1.24244	0.025587	0.597919	-1.67247	0.931654	0.983505	-1.01677	0.784092	0.948137	-1.0547	2.99857	1.78562	0.529325	1
cg19254119	0.550733	0.578554	-1.72845	0.411678	0.467235	-2.14025	0.605834	0.623836	-1.60299	0.0415502	8.41721	8.41721	2.99854	39.0242	11.5683	1
cg16873863	0.257093	1.3861	1.3861	0.0131641	2.33622	2.33622	0.048689	0.537129	-1.86175	0.431405	0.801184	-1.24815	2.99853	3.61861	1.07271	1
cg05214404	0.725381	0.956925	-1.04501	0.0173366	0.696429	-1.4359	0.285959	0.870796	-1.14837	0.303314	1.14237	1.14237	2.99851	0.74018	0.219422	1
cg25638626	0.273668	3.45231	3.45231	0.0128473	28.807	28.807	0.0311926	15.6458	15.6458	0.474745	2.20483	2.20483	2.9985	56.1843	16.6556	1
cg12519998	0.773295	0.93391	-1.07077	0.262798	1.31835	1.31835	0.30683	1.28459	1.28459	0.524036	1.16515	1.16515	2.99849	2.6613	0.78893	1
cg17670366	0.0408177	1.38772	1.38772	0.00371182	1.72293	1.72293	0.643326	1.06685	1.06685	0.863244	1.02421	1.02421	2.99843	0.914565	0.271124	1
cg01761420	0.932204	0.990447	-1.00965	0.0483937	0.775345	-1.28975	0.457554	1.0891	1.0891	0.0253747	1.34962	1.34962	2.9984	0.604442	0.179189	1
cg14111789	0.707245	0.878321	-1.13854	0.0273726	2.45367	2.45367	0.932833	0.971428	-1.02941	0.794658	0.914208	-1.09384	2.9984	5.61601	1.66489	1
cg11325777	0.448336	1.18257	1.18257	0.3065	1.2583	1.2583	0.502077	0.862566	-1.15933	0.733018	0.928386	-1.07714	2.99834	2.23653	0.663043	1
cg24789299	0.90844	1.01489	1.01489	0.0468072	1.33973	1.33973	0.227478	0.84976	-1.1768	0.450848	1.10376	1.10376	2.99833	0.784106	0.232457	1
cg03250947	0.261085	0.474676	-2.1067	0.0289985	0.194682	-5.13659	0.016041	0.153546	-6.5127	0.458093	0.61857	-1.61663	2.99833	19.1924	5.68981	1
cg22029824	0.859613	0.953588	-1.04867	0.00422633	0.357665	-2.79591	0.59328	0.865267	-1.15571	0.0232825	0.482919	-2.07074	2.99822	3.42188	1.01449	1
cg12438430	0.315193	1.36301	1.36301	0.885481	1.04391	1.04391	0.831182	1.06573	1.06573	0.894467	0.961195	-1.04037	2.9982	4.2225	1.25186	1
cg17218026	0.519801	0.897021	-1.1148	0.669352	0.930949	-1.07417	0.630164	0.922372	-1.08416	0.00881235	0.573796	-1.74278	2.9982	1.31733	0.390555	1
cg04319611	0.488403	1.26986	1.26986	0.920028	1.03467	1.03467	0.211632	0.639787	-1.56302	0.0881528	0.527997	-1.89395	2.99819	5.47016	1.62177	1
cg01964337	0.804777	0.871689	-1.1472	0.253133	0.515908	-1.93833	0.203626	0.475189	-2.10442	0.465847	0.662642	-1.50911	2.99816	14.6003	4.32869	1
cg12108375	0.631538	0.954688	-1.04746	0.0236879	0.771678	-1.29588	0.877323	0.985285	-1.01494	0.619988	0.95316	-1.04914	2.99816	0.437338	0.129661	1
cg19756253	0.492548	0.85689	-1.16701	0.0447361	1.66626	1.66626	0.91605	0.976906	-1.02364	0.689409	0.914826	-1.0931	2.99808	2.33159	0.691282	1
cg08030987	0.737927	0.926198	-1.07968	0.0221684	0.534666	-1.87033	0.289373	1.28541	1.28541	0.264493	1.30411	1.30411	2.99807	2.47499	0.733801	1
cg12671247	0.0864834	0.522643	-1.91335	0.743646	0.89365	-1.11901	0.0366663	2.29756	2.29756	0.0535753	0.471833	-2.1194	2.99807	5.57461	1.6528	1
cg10371483	0.79908	1.11693	1.11693	0.0052478	0.202664	-4.93427	0.285332	0.618089	-1.61789	0.520887	0.754177	-1.32595	2.99805	8.92533	2.64626	1
cg04372973	0.0616331	0.634745	-1.57544	0.0477119	1.63047	1.63047	0.511254	1.15472	1.15472	0.0231164	0.556299	-1.79759	2.99802	2.21363	0.656325	1
cg07039975	0.330637	0.759853	-1.31604	0.720965	1.10309	1.10309	0.0191502	2.17181	2.17181	0.301723	0.746228	-1.34007	2.99801	3.55393	1.05371	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg27273125	LHFPL1	0.0684289	0.312664
cg04231677	FAM129A	0.0684303	0.151427
cg24927687	ACOT7;ACOT7;ACOT7;ACOT7	0.0684303	0.0941504
cg10500219	MED8;C1orf84;MED8	0.0684305	0.086621
cg11019008	MGMT	0.0684322	0.146716
cg09122799	CEMP1	0.0684324	0.102433
cg12616487	ROM1;EML3	0.0684329	0.0511113
cg19382175	PDE6A	0.0684334	0.645064
cg12928081	DYNC1H1	0.0684335	0.641894
cg00712136	MEGF8	0.0684341	0.956351
cg09051630	FBXL7	0.0684341	0.0406588
cg04259979	MRPS30	0.0684341	0.0521067
cg14846965	C18orf1;C18orf1;C18orf1;C18orf1	0.0684345	0.683897
cg21350349	LOC440839;PSD4	0.0684345	0.0190799
cg16347917	SDCCAG8	0.0684347	0.826795
cg19655195	DNAH7	0.0684404	0.882901
cg04567302	SLC44A4	0.0684421	0.317769
cg04721087	C15orf23;C15orf23;C15orf23	0.0684434	0.294386
cg04287116	ZNF2;ZNF2	0.0684436	0.519541
cg02392737	ADCY9	0.0684438	0.209451
cg09792598	FZR1	0.0684493	0.452852
cg14031465	LY6D	0.0684498	0.462364
cg22137772	CLRN1OS	0.0684522	0.0403673
cg16625651	PIR;PIR	0.0684523	0.20025
cg06549228	MIR758;MIR1197;MIR329-1;MIR323	0.0684532	0.473565
cg14618310	C10orf84;C10orf84	0.0684541	0.448669
cg17587682	MNT	0.0684541	0.3343
cg06008062	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	0.0684553	0.0916688
cg08861722	ONECUT3	0.0684554	0.305019
cg16871828	ANKRD34A	0.0684562	0.0773732
cg12485793	LILRB2;LILRB2	0.0684564	0.0822722
cg07205857	DECR2	0.0684584	0.274158
cg07745999	ZFPM1	0.0684596	0.152864
cg24349555	HECA;HECA	0.068461	0.0795048
cg16728616	FAM165B	0.0684612	0.204108
cg14054649	AGPAT1;AGPAT1	0.0684618	0.997442
cg06034998	MEF2D	0.0684618	0.139018
cg08571859	APC;APC;APC	0.068462	0.39517
cg00780666	C14orf179;C14orf179	0.068463	0.464192
cg14158558	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.0684641	0.0328729
cg15842208	ABR;ABR	0.0684644	0.0588939
cg06157408	CCDC22;CACNA1F	0.0684655	0.0827153
cg18128164	JSRP1	0.0684667	0.109007
cg15761609	FAM20A	0.0684673	0.1348
cg07064226	MLH1;MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.0684675	0.0403211
cg27012908	POLR3E	0.0684695	0.084215
cg01531333	TMEM184A;MAFK	0.0684697	0.547204
cg00368356	NFKBIB;NFKBIB	0.06847	0.57606
cg01180046	LNPEP	0.068472	0.984856
cg02318596	ZNF654	0.0684736	0.191908
cg15904664	ASPG	0.0684742	0.815214
cg10642200	LAMA2;LAMA2	0.0684743	0.00473714
cg07870479	MAPK8IP3;MAPK8IP3	0.0684773	0.121863
cg22117143	MPDZ	0.0684788	0.384319
cg08158776	CCNL2;CCNL2;CCNL2;CCNL2	0.0684799	0.108269
cg26420013	NSUN2;SRD5A1	0.0684815	0.0153539
cg07150629	N4BP2;LOC344967	0.0684833	0.00230609
cg00083659	C22orf33;C22orf33	0.0684858	0.0239605
cg10338518	AFF1	0.0684858	0.0484575
cg10601159	THAP4;THAP4	0.068486	0.203556
cg27357865	MAPKAPK5;C12orf47;MAPKAPK5	0.0684882	0.821674
cg23764008	SYT7	0.0684914	0.19172
cg16707506	CCM2;CCM2;CCM2;CCM2;CCM2	0.0684918	0.999639
cg00673020	MOSPD1	0.0685015	0.15416
cg13854423	PRDM16;PRDM16	0.0685024	0.102607
cg27020965	ESCO2	0.0685027	0.628811
cg01163330	TRAK1;TRAK1	0.0685028	0.0704249
cg23689080	SARNP;SARNP;SARNP	0.0685038	0.467909
cg18385205	PRAMEF22	0.0685055	0.278898
cg15244786	HOXC4;HOXC4	0.0685057	0.0663291
cg23145915	CDK4	0.0685067	0.180126
cg08792677	MAP6;MAP6	0.0685068	0.372502
cg18168448	LRRC52;LOC400794	0.0685083	0.0266926
cg15627145	ANK3;ANK3	0.0685083	0.407903
cg19411146	ESR1;ESR1;ESR1;ESR1;ESR1	0.0685099	0.0221093
cg03919644	CEP97	0.0685128	0.99886
cg06750152	MMP23A;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0685153	0.143234
cg02166313	PAPOLA	0.0685155	0.148016
cg26958741	MYL2	0.0685157	0.610884
cg22495611	PSMD8	0.0685164	0.0152122
cg00184953	PSORS1C3	0.068517	0.0481219
cg20013539	LOC285696	0.0685173	0.226083
cg15089846	COL12A1;COL12A1	0.0685186	0.225246
cg21513316	MIR410;MIR656	0.068519	0.841829
cg08300164	CEP135	0.0685199	0.651314
cg01446731	ARNT2	0.0685199	0.815629
cg19162333	PROM1;PROM1	0.06852	0.37152
cg11873854	LCN6	0.0685203	0.171418
cg06678137	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.0685205	0.0534627
cg24591563	RPL14;RPL14;RPL14;RPL14	0.0685206	0.937022
cg25956985	MAP3K7IP1;MAP3K7IP1	0.0685216	0.0108454
cg02017047	MIR135A1;GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK	0.0685217	0.0377296
cg15421236	TMEM65;TMEM65	0.0685232	0.0950195
cg12932547	CDC42BPB	0.0685249	0.643262
cg01630150	SHC4	0.0685249	0.990251
cg27312388	OPCML	0.0685258	0.0548751
cg08054244	KCNK10;KCNK10;KCNK10	0.0685268	0.502892
cg00108944	GLIPR1L2	0.0685289	0.0398216
cg12254300	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0685313	0.792958
cg22560545	UTRN	0.068532	0.270509
cg03528824	PKNOX2	0.0685358	0.217022
cg16425726	SCD5;SCD5	0.0685382	0.153187
cg23727583	FDXR;FDXR	0.0685394	0.608909
cg14955238	NAA15	0.068544	0.0765319
cg16008440	OLFML2B	0.0685446	0.136829
cg22587327	MCEE;MPHOSPH10	0.0685466	0.0303877
cg10451565	GPR77	0.0685476	0.746567
cg04343794	TNFRSF18;TNFRSF18;TNFRSF18	0.0685495	0.0334242
cg14734529	C2orf49	0.0685504	0.0662436
cg21276056	OLFM2	0.0685505	0.11604
cg22396147	CREB5	0.0685509	0.015237
cg20674212	LOC340357	0.0685522	0.19908
cg03627771	GRAMD1B	0.0685527	0.183309
cg04006266	BBS1	0.0685528	0.0556597
cg13100449	FAM129A	0.0685528	0.618888
cg01867111	ARL6IP6;PRPF40A;ARL6IP6	0.068554	0.0225706
cg08675002	GPR98;GPR98	0.0685558	0.0799444
cg00699321	PTPRN2;PTPRN2;PTPRN2	0.0685559	0.146029
cg06066132	CNRIP1;CNRIP1	0.0685577	0.225049
cg02454210	ZNF576;ZNF576;ZNF576;IRGQ	0.0685597	0.0628324
cg03658275	LAMA2;LAMA2	0.0685629	0.437532
cg14824670	ACHE;ACHE	0.0685638	0.379781
cg19927920	TTC15	0.0685638	0.563348
cg18824585	CSMD3;CSMD3	0.0685646	0.0200385
cg19992633	TCL1A;TCL1A	0.0685648	0.0357194
cg15779458	TIGD1;EIF4E2	0.068566	0.302634
cg15566554	TTYH2;MGC16275	0.0685661	0.128652
cg15973171	TCHH	0.068567	0.0304139
cg06253229	PLP1;PLP1;PLP1	0.0685709	0.254647
cg14868222	LTB;LTB	0.0685728	0.00811215
cg26529877	MGMT	0.0685738	0.033212
cg09961397	COL9A1;COL9A1	0.0685738	0.182807
cg16360836	HDAC4	0.0685758	0.0190582
cg26006254	CREBZF;CREBZF;CREBZF;CREBZF;CREBZF	0.0685759	0.400243
cg24140775	LILRB4;LILRB4	0.0685761	0.628318

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Stirling Yadavilli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg10822380	DXCT2;DMXPB	0.0685771	0.819287	1.09053	0.105903	1.0248616	0.015393	-1.95277	0.0133596	0.463928	-1.25551	0.5521137	0.16627	1.1601	0.862231	0.957403	-1.04449	0.0424664	1.79601	1.79601	0.456721	0.82699	-1.2092	0.6314428	0.8922275	-1.12703	0.3448776	0.785253	-1.27347	2.99539	2.97977	0.884253	1
cg23328124	GRLF1	0.0685793	0.110505	1.75025	1.75025	0.0410448	0.468218	-2.13576	0.481912	0.79449	-1.25867	0.492265	1.29656	1.29656	0.0161327	2.57916	2.57916	0.116514	1.73139	1.73139	0.601839	1.18463	1.02233	0.66181	-1.51101	0.7779779	0.913036	-1.09525	2.99535	4.91441	1.45838	1
cg04677508	MED14	0.0685799	0.13713	1.16271	1.16271	0.0568075	1.22503	1.22503	0.124034	0.854865	-1.16978	0.416447	1.16042	1.16042	0.609661	1.04967	1.04967	0.0217664	1.29599	1.29599	0.131596	1.16561	1.16561	0.396691	1.08514	1.08514	0.0241858	1.28793	1.28793	2.99535	0.420491	0.124783	1
cg20154657	PTPN1	0.0685802	0.729581	0.930196	-1.07504	0.0068282	0.799996	-1.25021	0.516847	0.658939	-1.04282	0.6158552	0.828398	-1.20744	0.445451	0.9508	-1.05087	0.135108	0.902368	-1.108	0.794833	0.985512	-1.01676	0.40915	1.05533	1.05533	0.8978555	1.08823	1.08823	2.99534	0.193073	0.0572959	1
cg14520571	RNF115	0.0685802	0.163828	0.648499	-1.54202	0.1788684	1.51463	0.946569	0.980654	-1.01973	0.703786	1.11778	1.11778	0.0737542	0.559326	-1.78786	0.804818	0.930371	-1.07484	0.0437878	1.96504	0.364095	0.492386	-2.03093	0.0720761	0.55699	-1.79536	2.99534	4.03076	1.19616	1
cg18568534	OIAS1	0.0685803	0.281355	0.535601	-1.86706	0.832737	0.888706	-1.12505	0.382491	0.606734	-1.64817	0.83758	0.8918	-1.12133	0.688235	1.25236	1.25236	0.850005	1.1154	1.1154	0.00255635	0.096871	-10.323	0.0980399	0.3633111	-2.75246	0.0435855	0.274033	-3.6492	2.99533	14.7657	4.38184	1
cg02578944	NKAPL	0.0685811	0.022774	13.0482	13.0482	0.0431175	8.96326	8.96326	0.0699756	6.74979	6.74979	0.3664665	2.39752	2.39752	0.0222808	13.2187	13.2187	0.143654	4.35772	4.35772	0.0275913	11.6489	11.6489	0.0836034	6.07841	6.07841	0.0585083	7.49681	7.49681	2.99532	42.1374	12.5046	1
cg20421117	CDK41	0.0685817	0.0407585	0.304215	-3.84298	0.0499387	1.98608	1.98608	0.353379	0.885663	-1.15422	0.685141	0.79268	-1.26154	0.00275372	0.0949411	-10.5328	0.783575	1.17052	1.17052	0.796126	0.8246662	-1.21261	0.7838801	0.854972	-1.16963	0.2854456	0.531355	-1.88198	2.99531	15.4112	4.57342	1
cg12422199	RG9MTD3	0.0685821	0.179229	0.488313	-2.04785	0.0963615	0.909623	-2.50236	0.1853578	0.402225	-2.48533	0.2484552	0.533004	1.87564	0.0231766	4.31494	4.31494	0.358529	0.622297	-1.60695	0.808681	0.184034	-5.43376	0.311623	0.69198	0.69198	0.885084	-2.59684	2.99531	11.9738	3.553313	1
cg03139232	CRAMP1L	0.0685841	0.55317	0.874467	-1.14355	0.712585	0.920594	-1.08626	0.841429	0.956197	-1.04581	0.301262	1.27061	1.27061	0.0052731	0.439327	2.27621	0.0693063	1.5752	1.5752	0.880914	1.03409	1.03409	0.38205	1.22196	1.22196	0.1145533	0.681269	-1.46785	2.99527	2.37192	0.7039	1
cg25015733	MGAT4A	0.0685852	0.0284564	1.55579	1.55579	0.0419317	1.37988	1.37988	0.0178866	1.64947	0.3128373	0.279886	0.4548388	2.24274	0.0159832	0.799238	2.24274	0.190433	1.01734	1.01734	0.9738	1.02623	1.02623	0.8154	1.02623	0.6477795	1.122627	1.4548	0.4479922	0.4479922	-2.41768	0.1378751	0.475997	-2.10085	0.99525	24.5212	7.37825	1
cg10712668	GLTBD1;SPCS1;GLTBD1	0.0685854	0.05367	0.43685	-2.28911	0.13988	1.82281	1.82281	0.474705	1.31623	1.31623	0.0465484	0.422496	-2.36689	0.343232	0.691385	0.504827	0.774307	-1.29148	0.1114064	0.300172	-3.33142	0.497905	1.29704	1.29704	0.904396	0.9556	-1.04646	2.99525	6.7771	2.01121	1
cg25994464	TMEM5B;TMEM5A;TMEM5B;TMEM41B;TMEM41B;TMEM41B;TMEM41B	0.068586	0.05206	0.593135	-1.68596	0.734889	0.92281	-1.08365	0.469716	1.18986	1.18986	0.674426	1.10501	1.10501	0.658597	1.11082	1.11082	0.0351897	1.78576	1.78576	0.0157346	2.01279	2.01279	0.542193	1.15699	1.15699	0.05735521	1.66217	1.66217	2.99524	2.64996	0.786421	1
cg24042517	HOXB9	0.0685882	0.681416	0.876061	-1.14147	0.0579278	1.98805	1.98805	0.892947	1.04411	1.04411	0.867535	1.05497	1.05497	0.684717	0.877346	-1.1398	0.108745	0.570782	-1.75198	0.0441703	3.43338	3.43338	0.276226	1.43795	1.43795	0.6127797	1.17773	1.17773	2.9952	4.87434	1.44656	1
cg17826168	CR831;OB3	0.0685892	0.00428019	0.972385	1.02833	0.0276744	0.24908	0.24908	0.0178225	5.53304	5.53304	0.1200115	1.84061	1.84061	0.88672	0.938835	-1.06833	0.0132313	0.992805	-1.00574	0.543459	0.694044	-1.44083	0.297812	1.89827	1.89827	0.309289	1.86797	1.86797	2.99518	16.7295	4.96485	1
cg16371230	RASSF6;RASSF6	0.0685895	0.192857	0.584941	-1.70958	0.451952	0.742165	-1.34741	0.00632767	0.250736	-3.98826	0.550816	1.26471	1.26471	0.0543935	0.427698	2.3381	0.876607	0.94133	-1.06233	0.0281194	0.3645621	-2.74302	0.0783008	0.4671665	-2.14057	0.197223	0.588349	-1.69967	2.99518	7.18232	2.13152	1
cg01629056	CNIH6;4-GTS1	0.0685909	0.136955	1.73862	1.73862	0.0170186	2.788	2.788	0.116184	1.82455	1.82455	0.275247	1.49181	1.49181	0.0205189	0.621634	1.60866	0.270638	1.49805	1.49805	0.0857868	0.5153383	-1.94296	0.0849866	0.7306919	-1.3687	0.1959342	1.6209	1.6209	2.99515	5.890355	1.74811	1
cg14893473	ANKS1B;FAM71C	0.0685914	0.511287	0.817475	-1.22328	0.0366845	0.48698	-2.05347	0.0207734	0.43085	-2.32099	0.346252	0.745708	-1.34101	0.994562	1.00204	1.00204	0.753973	0.909276	-1.09978	0.0156466	0.45077	-2.45077	0.891041	1.04233	1.04233	0.989284	1.09545	1.04007	2.99514	4.34092	1.22828	1
cg23009044	PIK3R6	0.0685922	0.141888	2.86674	2.86674	0.479947	1.61428	1.61428	0.165364	2.68263	2.68263	0.665289	0.748056	-1.3368	0.0119826	0.123629	-8.08874	0.193905	0.399852	-2.50092	0.0635272	0.248743	-4.02021	0.255922	2.20538	2.20538	0.753977	1.23327	1.23327	2.99513	21.0972	6.26119	1
cg26288806	ACY3	0.0685928	0.0126433	0.286034	-3.49609	0.0291661	0.868202	-1.15203	0.329272	0.515961	-1.93883	0.627652	0.349401	2.8613	0.0054383	0.470935	2.12346	0.941644	1.03	1.03	0.117919	0.508951	-1.96481	0.0218124	0.8132434	-1.2307	0.9912	0.873937	2.29502	2.99512	7.73307	2.29502	1
cg20676401	C10orf18	0.0685928	0.373132	0.798011	-1.25312	0.1352222	1.48792	1.48792	0.15028	1.46309	0.463009	0.0353442	0.5462	-1.83803	0.0238743	0.513663	-1.9468	0.375557	1.25161	1.25161	0.2632682	0.7102791	0.6437151	-1.55348	0.9249564	1.02352	1.02352	0.163268	0.796074	-1.25616	2.99512	2.88896	0.857383	1
cg00357002	C1orf103;C1orf103	0.0685936	0.959298	1.01981	1.01981	0.7738372	0.815327	1.22565	0.0458653	2.58158	2.58158	0.0464653	2.5158	2.54956	0.0466355	2.5158	2.5158	0.843315	1.17352	1.17352	0.5178483	1.32484	1.32484	0.75443	1.13248	1.13248	0.6251702	1.16357	1.16357	2.99511	0.644197	1.36886	1.36886	0.0911	6.71381	1.40993	1
cg25580268	SEC23A	0.0685938	0.148385	0.699332	-1.42994	0.295223	0.778476	-1.28456	0.602942	0.885976	-1.1287	0.722455	0.921022	-1.08575	0.0112852	0.27942	0.27942	0.316124	1.2701	1.2701	0.0811898	0.640193	-1.56203	0.0863339	0.54822	1.54822	0.567521	0.875196	-1.1426	2.9951	2.52444	0.749205	1
cg06705167	C9orf15;C9orf15	0.0685949	0.142025	1.3704	1.3704	0.600403	0.0922026	0.4116801	0.847375	-1.18202	0.584405	0.89562	-1.11655	0.344998	0.121428	1.21428	1.21428	0.837934	0.959944	-1.04173	0.00338605	0.215513	2.25513	0.570377	1.12129	1.12129	0.0376346	1.61829	1.61829	2.99508	1.89002	0.560926	1
cg16038181	FLJ40434	0.0685951	0.5263922	0.935173	-1.06953	0.2709264	0.288106	-1.13572	0.160321	1.10954	1.10954	0.0410002	0.6934522	-1.03599	0.8838574	1.01202	1.01202	0.6048648	1.29207	1.29207	0.335117	1.39144	1.39144	0.385841	1.09727	1.09727	0.163261	1.16809	1.16809	2.99508	0.5171715	0.153471	1
cg14852107	MUL1	0.0685965	0.120541	0.404608	-2.47153	0.0233546	0.233153	-4.28903	0.0329001	0.261623	-3.8233	0.300373	1.78012	1.78012	0.0432369	0.286637	-3.48873	0.154154	0.440543	-2.26993	0.0280813	0.248088	-4.03083	0.294936	0.557837	-1.79264	0.3070117	0.566512	-1.76519	2.99505	13.6974	4.06519	1
cg17639290	TMM8B;SDHD;TIMM8B	0.0685968	0.0156451	0.763474	-1.31005	0.0506264	0.60118	1.60118	0.362007	1.23379	1.23379	0.7907605	0.9993693	1.00463	0.9972488	1.00463	1.00463	0.2301212	1.25426	1.25426	0.0385961	1.49403	1.49403	0.2937372	1.20172	1.20172	0.4854996	0.8004948	-1.16151	2.99505	2.31882	0.828835	1
cg21396988	TAS1R3	0.0685979	0.0218153	1.131509	-7.60403	0.107009	0.273405	-3.65758	0.20233	0.370799	-2.69688	0.370006	0.5073572	-1.97094	0.0173139	0.118154	8.46351	0.2328279	0.297218	-3.36454	0.0068097	0.0333572	-29.9786	0.0345537	0.0915813	-10.9193	0.0700438	0.140221	-7.13158	2.99503	44.6231	13.2416	1
cg15312726	RAP1GAP;RAP1GAP;RAP1GAP	0.0685999	0.237923	1.53978	1.53978	0.1981	0.0926361	1.59311	0.3311	1.38234	1.38234	0.2544178	1.21812	1.21812	0.0408433	1.87243	1.87243	0.0308674	1.44252	1.44252	0.0158588	1.87243	1.87243	0.4426267	1.36726	1.36726	0.1018304	1.56857	1.56857	2.99503	5.59348	1.86625	1
cg09795081	RPS10	0.0686009	0.109524	0.345179	-2.89705	0.352356	0.561558	-1.78076	0.543251	0.640018	-1.4489	0.301161	0.523144	-1.91152	0.0084653	0.124389	-8.03928	0.178946	0.402268	-2.37944	0.0685732	0.113218	-8.99133	0.0989615	0.3316516	-3.01554	0.0642808	0.279835	-3.57353	2.32075	18.067	4.36299	1
cg00773205	TECPR2;CNP	0.0686026	0.68626	1.0468	1.0468	0.7338256	0.815237	1.22565	0.0458653	2.58158	2.58158	0.0464653	2.5158	2.54956	0.0466355	2.5158	2.5158	0.843315	1.17352	1.17352	0.5178483	1.32484	1.32484	0.75443	1.13248	1.13248	0.6251702	1.16357	1.16357	2.99503	0.644197	1.36886	1.36886	0.0911	6.71381	1.40993	1
cg12276904	H1FX;C5orf47	0.0686019	0.377474	0.853835	-1.17119	0.0474274	1.48546	1.48546	0.0102898	1.75808	1.75808	0.467309	0.878923	-1.13776	0.381958	1.16937	1.16937	0.819207	1.04076	1.04076	0.366542	0.850553	-1.17571	0.0682516	0.760299	-1.42796	0.585439	1.10088	1.10088	2.99496	1.44423	0.428641	1
cg17399234	WDR36	0.0686019	0.143507	0.223602	-4.47223	0.466422	0.201436	0.201436	0.308479	2.71442	2.71442	0.0185705	0.0624148	-16.0218	0.0242818	0.074109	-13.4933	0.175533	0.254003	-3.93696	0.345118	2.53053	2.51059	0.462082	2.02875	2.02875	0.350391	2.48383	2.48383	2.32073	44.3459	10.7091	1
cg21174426	C6orf118	0.0686022	0.0230809	1.01981	1.01981	0.7739254	0.815327	1.22565	0.0458653	2.58158	2.58158	0.0464653	2.5158	2.54956	0.0466355	2.5158	2.5158	0.843315	1.17352	1.17352	0.5178483	1.32484	1.32484	0.75443	1.13248	1.13248	0.6251702	1.16357	1.16357	0.644197	1.36886	1.36886	0.0911	6.71381	1.40993	1
cg12744321	DFFB	0.0686038	0.200982	0.546283	-1.83055	0.0234179	0.36113	1.36113	0.0381602	2.93214	2.93214	0.113017	2.16449	2.16449	0.374401	0.664868	-1.50406	0.111854	2.17086	2.17086	0.440405	0.703117	-1.42224	0.210509	1.80524	1.80524	0.129343	0.28265	-2.08265	2.99493	9.50628	2.82145	1
cg15202552	FCRL3	0.0686041	0.013546	0.238477	-4.19095	0.0290373	0.296012	-3.33765	0.1158526	0.312586	-3.19912	0.418353	0.380916	-2.62503	0.0183754	0.239552	-4.17419	0.040048	0.205331	-4.8702	0.0337965	0.16555	-6.04046	0.0922281	0.48589	-2.05787	0.0748	0.21662	-4.61659	2.99492	21.1652	6.28319	1
cg01250175	PHLPP1	0.068607	0.535995	0.8081	1.0801	0.355169	0.124005	1.24205	0.216901	1.17321	1.17321	0.0427878	0.750744	-1.33201	0.794786	0.93257	-1.03257	0.816534	1.02899	1.02899	0.0419101	0.749557	-1.33412	0.598703	1.06747	1.06747	0.0158449	1.43798	1.43798	2.99487	0.717001	0.212809	1
cg14969361	BSND	0.0686078	0.263313	0.623271	-1.60444	0.0151886	0.29848	-3.35031	0.4886	0.751838	-1.33007	0.441832	1.37431	1.37431	0.0786825	0.453057	-2.20723	0.846371	1.08182	1.08182	0.0224469	3.03025	3.03025	0.695042	1.17319	1.17319	0.643311	1.20811	1.20811	2.99486	7.79614	2.31393	1
cg19035075	FOXK1	0.0686085	0.0265737	1.36242	1.36242	0.0779353	0.0760643	-1.31359	0.0264476	0.761875	-1.31359	0.0264476	0.760981	-1.31412	0.0264476	0.761875	-1.31412	0.682368	1.0909	1.0909	0.0894209	1.65513	1.65513	0.0801209	0.6635616	-1.50712	0.0602344	0.63882	-1.56539	2.99485	2.51882	0.828319	1
cg24709863	DLX5;DLX5	0.0686089	0.577333	0.921728	-1.08492	0.030616	1.44447	1.44447	0.151289	1.24329	1.24329	0.0064397	1.67032	1.67032	0.485312	1.10811	1.10811	0.479827	0.901235	-1.10959	0.284769	0.851411	-1.17452	0.637915	1.07104	1.07104	0.1698881	1.23573	1.23573	2.99484	0.994145	0.295069	1
cg00769305	HES3	0.0686093	0.0135607	0.425553	-2.35007	0.0706583	0.641607	-1.55822	0.0153494	0.387657	-2.57938	0.147348	0.320466	-3.12057	0.0147348	0.320466	-3.12057	0.816534	1.02899	1.02899	0.0419101	0.749557	-1.33412	0.598703	1.06747	1.06747	0.0158449	1.43798	1.43798	2.99487	0.717001	0.212809	1
cg17137424	TRIM67	0.0686102	0.0589382	4.41565	4.41565	0.16843	3.3599	-2.77855	0.843424	1.14763	1.14763	0.92068	1.07181	1.07181	0.13253	0.322965	-3.09631	0.754575	0.803837	-1.24403	0.337729	0.502501	-1.99004	0.0087017	0.10573	0.10573	0.237812	2.36561	2.36561	2.99481	22.9966	6.8256	1
cg00352375	PDK1	0.0686111	0.487368	1.07751	1.07751	0.221281	0.10646	1.18315	0.0550844	1.24509	1.24509	0.0818164	1.33175	1.33175	0.0974754	0.809511	-1.44454	0.1962	1.14768	1.14768	0.0342251	1.91911	1.91911	0.1094221	1.04521	1.04521	0.41701	0.9198	-1.08719	2.9948	0.481807	0.143905	1
cg10107929	FNDC3A;FNDC3A	0.0686112	0.0634572	0.818233	-1.22271	0.0586258	1.19042	1.19042	0.0410963	1.25437	1.25437	0.0373807	1.36198	1.36198	0.0479338	0.731487	-1.36727	0.365897	0.91941	1.09341	0.377801	0.813729	0.874245	-1.14384	0.801233	1.02454	1.02454	0.2948	0.824253	0.130078	2.99480	0.438253	0.130078	1
cg06820405	CPS1;CPS1;CPS1;CPS1	0.0686124	0.0617447	0.374433	-2.67071	0.442236	0.693623	-1.44171	0.76069	0.867118	-1.15325	0.0259702	0.291123	-3.43498	0.0144322	0.244717	-4.08635	0.106939	0.439682	-2.27437	0.114809	0.449031	-2.22702	0.10763	0.44052	-2.27005	0.0168131	0.256114	-3.90451	2.99478	10.3395	3.06889	1
cg13493766	FBF1;FBF1	0.0686125	0.00433622	0.225609	-4.43191	0.0236261	0.193091	0.0214402	0.459452	0.583302	-1.71492	0.0258937	0.302002	-3.31128	0.0179119	0.183775	-5.44072	0.365411	0.666001	0.37671	0.0183151	0.30096	-3.32244	0.0108582	0.0562904	0.34171	-2.92584	0.0298727	0.354677	-2.82135	2.99478	2.34473	0.783247	1
cg00147976	P2;PCBP2	0.0686127	0.8163309	0.957163	-1.04475	0.2339375	1.66016	1.66016	0.461862	1.15135	1.15135	0.558108	1.11789	1.11789	0.438444	1.16033	1.16033	0.704227	1.0744	1.0744	0.0057482	0.50606	-1.97605	0.518936	1.13092	1.13092	0.7345052	1.08169	1.08169	2.99477	1.67915	0.498396	1
cg11765172	SIRT2;NFKBIB;SIRT2;NFKBIB	0.0686131	0.500797	0.900042	-1.11106	0.545758	1.09881	1.09881	0.688432	1.06409	1.06409	0.249132	1.20399	1.20399	0.23075	1.2138	1.2138	0.374778	1.15073	1.15073	0.00355947	0.544072	-1.83799	0.237764	1.20997	1.20997	0.328392	1.16821	1.16821	2.99476	1.12654	0.334372	1
cg06541550	PYCRL	0.0686148	0.0509447	2.82827	2.82827	0.918123	0.971939	-1.02887	?	?	?	?	1.12816	1.58526	0.58526	0.987699	0.995742	-1.00428	0.479843	1.22055	1.22055	0.0625554	0.553801	-1.8057	0.377702	1.28597	1.28597	0.799774	0.93205	-1.0729	2.52885	3.44065	0.923812	1
cg06294766	RNF175	0.0686149	0.104708	0.520777	1.92077	0.0602707	0.262952	-3.8044	0.0479792	0.462166	-2.16361	0.0782358	0.34104	-2.93073	0.0413684	0.241766	-4.13581	0.223575	0.543756	-1.83906	0.0183148	0.4633	-2.15811	0.0185702	0.2256068	-4.43312	0.0156565	0.185662	-5.38562	2.99476	10.9084	3.64268	1
cg02321192	RNPEPL1;RNPEPL1	0.0686149	0.59525	0.937039	-1.06719	0.0134177	0.689808	-1.44968	0.851278	1.02303	1.02303	0.0457208	0.757433	-1.32025	0.0420152	0.752626	-1.32868	0.920026	0.987893	-1.01225	0.360116	0.892157	-1.12088	0.0840458	1.26093	1.26093	0.6086871	1.06463	1.06463	2.99473	0.697711	0.207093	1
cg09446232	C6orf33	0.0686184	0.0613121	0.813444	-1.22934	0.0276538	0.774027	-1.29044	0.511379	0.6074	1.0674	0.422024	1.08364	1.08364	0.0154262	0.748053	1.3368	0.171063	0.860985	-1.15342	0.203415	1.14051	1.14051	0.0917005	0.9998638	-1.00036	0.9929511	0.99137	-1.0087	2.99467	0.454885	0.133021	1
cg19737037	TNFRSF13C	0.0686197	0.173916	0.317629	-3.14832	0.0656362	0.194383	-5.14449	0.30251	2.33217	2.33217	0.408759	1.95395	1.95395	0.89373	0.418123	3.19164	0.010338	2.951	2.951	0.194064	0.33645	2.97221	0.3906	0.457833	-2.1842	0.53005	0.603916	1.65586	2.99465	29.8115	8.84883	1
cg26955779	HLA-H	0.0686208	0.0593475	0.38328	-2.60906	0.1397056	0.468761	-2.04599	0.0176487	0.272401	-3.67106	0.254539	0.585089	-1.70914	0.0178883	0.273454	-3.65692	0.122839	0.470866	-2.12374	0.034233	0.328566	-3.04353	0.583044	1.28372	1.28372	0.152202	0.501072	-1.99572	2.99463	9.62664	2.85745	1
cg10389584	ZNF799	0.0686213	0.107972	1.19715	1.07251	0.221281	0.10646	1.18315	0.0550844	1.24509	1.24509	0.0818164	1.33175	1.33175	0.0974754	0.809511	-1.44454	0.1962	1.14768	1.14768	0.0342251	1.91911	1.91911	0.1094221	1.04521	1.04521	0.41701	0.9198	-1.08719	2.9948	0.481807	0.143905	1
cg10438829	TMEM97	0.0686219	0.00861213	0.678318	-1.47424	0.133972	0.829238	-1.20593	0.564718	0.934779	-1.06977	0.057128	0.779286	-1.28323	0.0698983	0.66752	-1.49808	0.446853	0.91409	-1.09398	0.384873	0.90193	-1.10873	0.135272	0.829834	-1.20506	0.242404	0.867843	-1.15228	2.99461	0.636618	0.188967	1
cg09085644	CHRNB3	0.0686223	0.787225	1.42159	1.42159	0.4704531	1.24509	1.24509	0.2478	1.24437	0.25433	0.0929183	1.04124	1.04124	0.0104388	0.815866	-1.22604	0.0545019	1.18252	1.18252	0.0119554	2.08111	2.08111	0.0394655	0.9973955	1.00261	0.9973955	0.0267579	0.2897871	0.554658	-1.80291	2.99461	0.636618	0.188967	1
cg11331676	PLTP;PLTP	0.0686224	0.220434	1.43343	1.43342	0.288668	1.36049	1.36049	0.820306	0.938392	-1.06565	0.804277	1.07186	1.07186	0.040741	0.516746	-1.93519	0.020402	0.457909	-2.18184	0.242145	0.710252	-1.40795	0.194894	1.46698	1.46698	0.0664601	0.562577	-1.77754	2.9946	3.70459	1.09964	1
cg25720264	PLEKHA5;PLEKHA5	0.0686228	0.0274597	3.33249	3.33249	0.944131	0.634607	0.634607	0.212084	2.23927	2.23927	0.107766	2.93405	2.93405	0.302191	1.8545	1.8545	0.249597	2.0917	2.0917	0.0376585	4.38634	4.38634	0.0826168	7.95432	7.95432	0.125341	2.76603	2.76603	2.99446	17.8397	5.29537	1
cg18094404	RPS15	0.0686229	0.0520213	0.306609	-3.26261	0.0526492	1.40938	1.40938	0.0193372	0.424574	-2.35516	0.228279	0.750307	-1.33255	0.0172142	0.388151	2.57604	0.0524455	0.329339	-3.03591	0.0774539	0.15607	-6.4074	0.0412107	0.2829019	-3.53407	0.0220602	0.140266	-7.12977	2.99459	13.5595	4.02489	1
cg25827144	FOXP1	0.0686245	0.43613	0.888168	-1.12591	0.00973128	1.62925	1.62925	0.0289639	0.6809	-1.46864	0.844091	0.970196	-1.02983	0.149919	0.794203	-1.25912	0.147725	0.79307	-1.26092	0.884844	1.02187	1.02187	0.325475	0.85937	-1.16364	0.70164	0.944159	-1.05914	2.99457	1.0568	0.313693	1
cg14152732	SIRT6	0.0686247	0.0942741	0.90345	-1.10731	0.0114643	0.124721	-3.07957	0.723344	0.882115	-1.13364	0.607012	0.857346	-1.16639	0.0166897	0.551731

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19901472	MECR;MECR;MECR	0.0687014	0.00141856	0.544254	-1.83738	0.465804	0.906853	-1.10271	0.735697	1.04564	1.04564	0.713434	0.952571	-1.04979	0.572098	0.927551	-1.07811	0.384352	0.889142	-1.12468	0.713372	0.95256	-1.0498	0.761577	1.0409	1.0409	0.293706	1.15429	1.15429	2.99322	0.822675	0.244308	1
cg00405843	SMO	0.0687021	0.46086	1.24227	1.24227	0.868575	0.953274	-1.04902	0.226452	0.692821	-1.44337	0.0264643	2.13893	2.13893	0.277064	1.38633	1.38633	0.215224	1.45783	1.45783	0.0312997	0.481908	-2.07509	0.965694	1.01251	1.01251	0.0454905	1.94021	1.94021	2.99321	3.95824	1.17547	1
cg20587336	ARMC1	0.0687035	0.973711	0.994941	-1.00508	0.0434414	1.42969	1.42969	0.0730538	1.36032	1.36032	0.296278	1.18139	1.18139	0.197615	1.23321	1.23321	0.215442	1.22224	1.22224	0.178932	0.802702	-1.24579	0.365827	1.15374	1.15374	0.00640312	1.72631	1.72631	2.99319	1.1231	0.333527	1
cg03572260	STARD3;STARD3;STARD3	0.0687058	0.197254	0.581418	-1.71993	0.785876	1.11442	1.11442	0.186166	0.572578	-1.74649	0.544882	1.27607	1.27607	0.00942565	0.270031	-3.70328	0.383404	1.42702	1.42702	0.246199	0.617256	-1.62007	0.0461196	2.48219	2.48219	0.288984	0.645392	-1.54945	2.99314	7.50289	2.22817	1
cg10767336	KCNA1	0.0687058	0.489126	0.910158	-1.09871	0.631095	1.06696	1.06696	0.152524	1.22789	1.22789	0.260096	0.854384	-1.17043	0.258014	0.853745	-1.17131	0.0402336	0.727958	-1.37371	0.0474886	0.738069	-1.35489	0.0926766	1.2813	1.2813	0.112189	1.26075	1.26075	2.99314	0.850815	0.252671	1
cg06807029	ROBO1;ROBO1;ROBO1;ROBO1	0.0687105	0.0994483	0.558825	-1.78947	0.565591	1.20582	1.20582	0.804809	1.08306	1.08306	0.920864	1.03254	1.03254	0.031869	0.44465	-2.24896	0.641413	0.859726	-1.16316	0.202979	0.648511	-1.54199	0.00934304	2.89307	2.89307	0.830871	1.07136	1.07136	2.99306	4.92242	1.46187	1
cg04922203	SEMA6A	0.0687158	0.953633	0.967958	-1.0331	0.00430887	8.4794	8.4794	0.393799	1.63104	1.63104	0.720933	1.22249	1.22249	0.692441	1.2494	1.2494	0.847304	1.11402	1.11402	0.132353	0.402699	-2.48325	0.881543	0.919879	-1.0871	0.0280316	4.27806	4.27806	2.99297	14.8692	4.41603	1
cg00015530	PARP10	0.0687166	0.449005	0.791517	-1.2634	0.106006	0.585657	-1.70749	0.0739786	0.546904	-1.82847	0.105189	0.584788	-1.71002	0.768031	0.914266	-1.09377	0.925379	1.0288	1.0288	0.29879	1.38592	1.38592	0.0189959	2.36466	2.36466	0.0797752	0.554771	-1.80254	2.99296	4.35323	1.29288	1
cg18150362	GIN1	0.0687168	0.506745	1.04952	1.04952	0.0887561	0.873959	-1.14422	0.806077	0.982505	-1.01781	0.0762787	1.15203	1.15203	0.172588	0.901075	-1.10979	0.824759	0.984212	-1.01604	0.447148	0.945919	-1.05717	0.00705282	1.2839	1.2839	0.674632	1.03076	1.03076	2.99295	0.244088	0.0724927	1
cg10773224	KNG1;KNG1;KNG1	0.0687188	0.249811	0.424161	-2.35759	0.0385593	0.181061	-5.52299	0.233363	0.410232	-2.43765	0.151388	0.334128	-2.99286	0.0767585	0.2457	-4.07	0.105362	0.283165	-3.53151	0.00572397	0.0755169	-13.2421	0.440667	0.570788	-1.75196	0.0224563	0.142296	-7.0276	2.99292	24.1044	7.15895	1
cg26194794	ESYT2	0.0687205	0.954264	1.02147	1.02147	0.892515	0.95116	-1.05135	0.0553105	0.447263	-2.23582	0.0453341	0.427264	-2.34048	0.859509	0.936487	-1.06782	0.741878	0.884778	-1.13023	0.00917989	0.293673	-3.40515	0.203757	1.64349	1.64349	0.216074	1.6196	1.6196	2.99289	6.50253	1.93125	1
cg12095186	KEAP1	0.0687227	0.108782	0.792402	-1.26199	0.0682053	1.31214	1.31214	0.854744	1.02468	1.02468	0.0354541	1.38507	1.38507	0.024592	1.42783	1.42783	0.068904	1.31103	1.31103	0.134646	1.23934	1.23934	0.799679	1.03441	1.03441	0.158238	1.22223	1.22223	2.99285	0.838859	0.249144	1
cg02373152	PAQR8	0.0687231	0.0210322	0.403477	-2.47846	0.211026	1.53869	1.53869	0.102561	1.79348	1.79348	0.474661	1.26839	1.26839	0.283456	1.43966	1.43966	0.224462	0.658843	-1.51781	0.0218477	2.4591	2.4591	0.808089	1.08283	1.08283	0.857538	1.06052	1.06052	2.99284	5.06866	1.50542	1
cg17852385	CYP1A1	0.0687236	0.53198	1.31304	1.31304	0.787488	0.890259	-1.12327	0.812508	1.10763	1.10763	0.56731	0.77978	-1.28241	0.0112519	0.255101	-3.92001	0.0163498	0.28287	-3.53519	0.0642129	0.408741	-2.44653	0.397962	0.689127	-1.45111	0.239415	1.69895	1.69895	2.99284	8.77291	2.6056	1
cg19483962	MDC1	0.0687265	0.104763	0.801888	-1.24706	0.125129	0.813248	-1.22964	0.0508426	0.758022	-1.31922	0.9371	0.990219	-1.00988	0.00587734	0.638318	-1.56662	0.0391875	0.742909	-1.34606	0.0652891	0.772837	-1.29393	0.37356	0.89248	-1.12047	0.0988869	0.798255	-1.25273	2.99278	0.735064	0.218322	1
cg18148349	MGMT	0.0687287	0.449488	0.518119	-1.93006	0.00281473	0.0298583	-33.4916	0.0433659	0.137733	-7.26042	0.491001	0.550529	-1.81643	0.239335	0.349467	-2.8615	0.186602	0.302836	-3.30211	0.0716934	0.179818	-5.56119	0.618088	1.5355	1.5355	0.726634	0.741207	-1.34915	2.99275	34.506	10.2488	1
cg03751055	MGMT	0.06873	0.0554485	0.296964	-3.36741	0.00590257	0.133376	-7.49762	0.159547	0.431418	-2.31794	0.266167	0.523087	-1.91173	0.0987169	0.363272	-2.75276	0.144896	0.416581	-2.40049	0.0357631	0.254993	-3.92167	0.0319978	0.2453	-4.07665	0.296955	0.546188	-1.83087	2.99272	14.8268	4.40381	1
cg10954251	TBR1	0.0687302	0.0917718	0.341933	-2.92455	0.609233	0.742283	-1.3472	0.109789	2.73936	2.73936	0.0644755	0.300988	-3.3224	0.102126	0.355511	-2.81285	0.508623	0.67867	-1.47347	0.034803	0.24119	-4.14611	0.183047	2.26301	2.26301	0.0830894	0.329827	-3.0319	2.99272	15.8387	4.70436	1
cg18971721	GTF3A	0.0687311	0.235477	0.807118	-1.23898	0.0226341	1.60062	1.60062	0.0561186	1.45187	1.45187	0.0834357	0.718747	-1.39131	0.851535	0.968225	-1.03282	0.304846	1.20097	1.20097	0.159285	0.77164	-1.29594	0.526029	0.895177	-1.1171	0.207832	1.2572	1.2572	2.9927	1.40787	0.418164	1
cg19710814	HLA-DPB2	0.0687315	0.165485	0.297932	-3.35647	0.546688	1.64759	1.64759	0.511608	0.579875	-1.72451	0.225819	0.353027	-2.83264	0.0139841	0.0833597	-11.9962	0.121799	0.25335	-3.9471	0.344749	0.450838	-2.21809	0.0110671	0.0736673	-13.5746	0.0334896	0.130869	-7.64123	2.9927	31.7621	9.43395	1
cg21288207	PMS2;PMS2;AIMP2;PMS2	0.0687325	0.0780646	0.832299	-1.20149	0.327822	1.09933	1.09933	0.118596	0.853125	-1.17216	0.0732374	1.20599	1.20599	0.125497	0.856018	-1.1682	0.618867	0.954068	-1.04814	0.0114699	0.743373	-1.34522	0.372994	0.917824	-1.08953	0.65458	0.958656	-1.04313	2.99268	0.416665	0.123758	1
cg07527324	C14orf159;C14orf159;C14orf159;SNORA11B;C14orf159;C14orf159	0.0687359	0.284412	0.709093	-1.41025	0.0111511	2.67369	2.67369	0.00632958	3.00116	3.00116	0.472662	1.25334	1.25334	0.585057	0.843283	-1.18584	0.839842	1.06455	1.06455	0.667461	1.14296	1.14296	0.51915	1.22389	1.22389	0.368199	1.33074	1.33074	2.99262	4.5297	1.34544	1
cg02071447	GLRA1;GLRA1	0.0687363	0.494558	1.21135	1.21135	0.694911	1.11511	1.11511	0.00753902	2.58672	2.58672	0.313407	1.33404	1.33404	0.113545	0.621279	-1.60958	0.442995	0.805565	-1.24136	0.0578521	0.552788	-1.80901	0.573986	1.17002	1.17002	0.31401	1.33353	1.33353	2.99261	3.62154	1.0757	1
cg19847130	RP1L1	0.0687365	0.712086	1.18273	1.18273	0.0940881	0.434573	-2.30111	0.0859416	0.423523	-2.36115	0.0239489	0.29534	-3.38592	0.0343631	0.327117	-3.05701	0.0825901	0.418771	-2.38794	0.0182235	0.273164	-3.66081	0.776543	1.1375	1.1375	0.208017	0.548257	-1.82396	2.99261	9.71527	2.88571	1
cg23081580	STEAP2;STEAP2;STEAP2	0.0687368	0.416608	0.795901	-1.25644	0.0243018	0.477977	-2.09215	0.593838	0.862425	-1.15952	0.0152138	0.440553	-2.26987	0.512466	0.83305	-1.20041	0.00801083	0.392851	-2.54549	0.965161	0.988062	-1.01208	0.827435	1.06187	1.06187	0.837925	1.05793	1.05793	2.99261	3.58349	1.0644	1
cg21964481	SLC34A3	0.068739	0.0131314	0.445063	-2.24687	0.135184	0.654499	-1.52789	0.157637	0.67186	-1.48841	0.886376	0.963066	-1.03835	0.277937	0.743063	-1.34578	0.011476	0.434984	-2.29894	0.032183	0.516645	-1.93557	0.189361	0.693538	-1.44188	0.0682073	0.58421	-1.71171	2.99257	3.28369	0.975361	1
cg03406394	FOXB1	0.0687397	0.346513	0.846332	-1.18157	0.895592	1.02285	1.02285	0.0216197	1.60755	1.60755	0.785406	0.954113	-1.04809	0.948774	1.01112	1.01112	0.80555	0.958439	-1.04336	0.29481	0.829446	-1.20562	0.639756	1.08451	1.08451	0.00497538	1.89629	1.89629	2.99255	1.40392	0.417011	1
cg03135515	C5orf41;C5orf41;C5orf41	0.0687414	0.0205998	0.763591	-1.3096	0.548682	0.942994	-1.06045	0.281396	1.11436	1.11436	0.511676	0.937653	-1.06649	0.0243675	1.29628	1.29628	0.386191	1.08972	1.08972	0.136261	1.16797	1.16797	0.103515	1.18793	1.18793	0.536503	1.06241	1.06241	2.99252	0.443371	0.131697	1
cg12399162	RREB1;RREB1;RREB1;RREB1	0.0687434	0.546377	0.884504	-1.13058	0.0127654	1.86264	1.86264	0.574383	1.12084	1.12084	0.598835	0.89877	-1.11263	0.400364	1.18895	1.18895	0.346845	1.21501	1.21501	0.0499518	0.637964	-1.56749	0.0834336	0.680284	-1.46997	0.180823	1.33065	1.33065	2.99249	1.91568	0.569033	1
cg09199013	MYO3B;MYO3B;MYO3B	0.0687454	0.0576097	0.75542	-1.32377	0.0613092	1.31709	1.31709	0.789582	0.965664	-1.03556	0.561825	0.926236	-1.07964	0.330957	1.14002	1.14002	0.0899151	1.27659	1.27659	0.017566	1.4586	1.4586	0.508421	0.916092	-1.09159	0.432745	0.900699	-1.11025	2.99245	0.808789	0.240245	1
cg04824673	AGTPBP1	0.0687458	0.236426	1.23487	1.23487	0.471393	0.882865	-1.13268	0.927847	1.01552	1.01552	0.00822511	0.562785	-1.77688	0.178762	1.27496	1.27496	0.520944	1.11699	1.11699	0.0750632	1.40087	1.40087	0.145606	1.30435	1.30435	0.428385	0.871544	-1.14739	2.99245	1.37051	0.4071	1
cg11644052	NFU1;NFU1;NFU1;NFU1	0.0687459	0.445026	1.32781	1.32781	0.0346044	0.407695	-2.45281	0.128201	1.82005	1.82005	0.0251838	2.6367	2.6367	0.30863	0.681312	-1.46776	0.473356	0.766762	-1.30419	0.369568	0.714921	-1.39876	0.336856	0.697257	-1.43419	0.119647	1.84953	1.84953	2.99244	6.28538	1.86704	1
cg00763743	DGKI	0.0687463	0.447108	0.856939	-1.16694	0.780989	0.945981	-1.0571	0.0144529	0.548524	-1.82308	0.189121	1.3194	1.3194	0.369413	0.832213	-1.20162	0.0570308	1.53579	1.53579	0.988906	1.00277	1.00277	0.0606874	1.52402	1.52402	0.273511	1.25489	1.25489	2.99244	1.88146	0.558879	1
cg00151571	MKRN1;MKRN1	0.0687466	0.0227327	1.77341	1.77341	0.882281	0.969346	-1.03162	0.618922	1.11111	1.11111	0.00654863	2.10047	2.10047	0.926308	0.98075	-1.01963	0.202959	1.32631	1.32631	0.781013	1.0603	1.0603	0.0211012	1.79098	1.79098	0.595193	1.11927	1.11927	2.99243	2.09237	0.621528	1
cg00544955	GPR3	0.0687485	0.815464	0.910284	-1.09856	0.381217	1.43494	1.43494	0.598291	0.807534	-1.23834	0.00267947	0.188471	-5.30585	0.961355	0.980707	-1.01967	0.0542784	0.415544	-2.40648	0.552822	1.27306	1.27306	0.215326	0.591919	-1.68942	0.802923	1.10577	1.10577	2.9924	7.6618	2.27593	1
cg19479373	CRTAC1	0.0687489	0.031539	0.311425	-3.21104	0.973241	1.01564	1.01564	0.692095	0.831812	-1.2022	0.855134	0.918923	-1.08823	0.0673808	0.387418	-2.58119	0.301003	1.64182	1.64182	0.0522985	0.360186	-2.77634	0.0442763	2.91237	2.91237	0.154778	0.494332	-2.02293	2.99239	10.144	3.01328	1
cg27435133	CBFA2T3	0.0687499	0.996681	1.00144	1.00144	0.061602	0.483467	-2.06839	0.00207178	0.223817	-4.46793	0.444165	0.763929	-1.30902	0.487867	0.78405	-1.27543	0.0788321	0.509816	-1.96149	0.189512	0.618947	-1.61565	0.272571	0.674224	-1.48319	0.18418	0.614913	-1.62625	2.99238	5.64713	1.67749	1
cg02853497	RPS15AP10;GPBP1L1	0.068751	0.277653	1.7449	1.7449	0.352239	1.60326	1.60326	0.844951	1.10136	1.10136	0.0552791	2.91939	2.91939	0.243802	1.82454	1.82454	0.25123	1.806	1.806	0.014613	4.40492	4.40492	0.00566843	5.98722	5.98722	0.070708	2.70705	2.70705	2.99236	11.5233	3.42304	1
cg25678088	DLX6AS	0.0687516	0.0250482	6.13649	6.13649	0.495544	1.60156	1.60156	0.0569709	4.33193	4.33193	0.937424	0.947963	-1.05489	0.00593483	11.5768	11.5768	0.149586	2.86208	2.86208	0.863881	1.12388	1.12388	0.0495291	4.59597	4.59597	0.310165	2.04364	2.04364	2.99235	21.9527	6.52114	1
cg01410415	ASPSCR1	0.0687517	0.0776213	0.530181	-1.88615	0.00375566	0.282069	-3.54523	0.0988673	0.556875	-1.79574	0.312713	0.713312	-1.40191	0.0847528	0.5397	-1.85288	0.0701522	0.51946	-1.92508	0.790929	0.917633	-1.08976	0.101557	0.559935	-1.78592	0.879895	1.05013	1.05013	2.99235	4.96022	1.47346	1
cg19992242	TBCD	0.068752	0.476332	0.805634	-1.24126	0.0304994	2.13562	2.13562	0.111864	1.67648	1.67648	0.092349	1.73818	1.73818	0.0605889	0.531846	-1.88024	0.695825	1.12441	1.12441	0.363564	1.32136	1.32136	0.0265076	2.19224	2.19224	0.578526	1.18231	1.18231	2.99234	4.22077	1.2538	1
cg15403654	KDM6B	0.0687523	0.00982186	0.423754	-2.35986	0.664465	0.89154	-1.12165	0.116386	0.638375	-1.56648	0.0380963	0.531324	-1.88209	0.240237	1.3819	1.3819	0.735975	0.914821	-1.09311	0.191395	1.43888	1.43888	0.249088	0.7284	-1.37287	0.191654	0.695152	-1.43853	2.99234	3.27953	0.974201	1
cg25707253	C18orf21	0.068753	0.45097	1.24185	1.24185	0.150744	1.54391	1.54391	0.674798	0.887802	-1.12638	0.324277	1.33254	1.33254	0.95293	1.01679	1.01679	0.444648	0.802712	-1.24578	0.00261805	0.308756	-3.2388	0.897553	0.964324	-1.037	0.415509	1.26454	1.26454	2.99232	3.76931	1.1197	1
cg02627227	AGPAT4	0.0687537	0.0339966	1.59415	1.59415	0.661368	0.920299	-1.0866	0.943723	1.01339	1.01339	0.449869	1.15615	1.15615	0.500918	1.13738	1.13738	0.291058	1.22931	1.22931	0.0227183	0.598179	-1.67174	0.0189175	1.70854	1.70854	0.716716	1.07108	1.07108	2.99231	1.68279	0.499885	1
cg13386084	BIRC2	0.0687556	0.114899	0.759437	-1.31677	0.199292	0.804375	-1.2432	0.0821774	0.734109	-1.3622	0.267622	0.830805	-1.20365	0.00620682	0.563984	-1.7731	0.180733	0.796026	-1.25624	0.648639	0.929011	-1.07641	0.628231	1.08147	1.08147	0.0157982	0.622102	-1.60745	2.99228	1.221	0.362711	1
cg08458068	TCEAL5	0.0687561	0.0174732	0.22634	-4.41812	0.0596132	0.335627	-2.9795	0.317488	0.588207	-1.70008	0.234074	0.526956	-1.89769	0.0365896	0.287227	-3.48157	0.196438	0.495862	-2.01669	0.00817708	0.175855	-5.68649	0.0841109	0.374752	-2.66843	0.184221	0.485104	-2.06141	2.99227	12.4994	3.71309	1
cg09085501	NCOR2;NCOR2	0.0687564	0.954167	0.992004	-1.00806	0.282706	1.16873	1.16873	0.281132	1.16938	1.16938	0.835288	1.02951	1.02951	0.132474	0.797108	-1.25453	0.985756	1.0025	1.0025	0.00198345	1.84079	1.84079	0.511961	1.09736	1.09736	0.572295	1.08297	1.08297	2.99226	0.924654	0.27468	1
cg18876623	PPP1R13B	0.0687594	0.711972	1.04804	1.04804	0.984662	1.00244	1.00244	0.0484262	0.751769	-1.3302	0.271508	1.15586	1.15586	0.0385074	0.738348	-1.35438	0.0801645	0.78221	-1.27843	0.0916949	1.26487	1.26487	0.0506039	0.754371	-1.32561	0.596041	0.934544	-1.07004	2.99221	0.758766	0.225405	1
cg25020850	RGS8;RGS8	0.068761	0.8929	0.967879	-1.03319	0.165117	1.43171	1.43171	0.0288839	0.535551	-1.86723	0.476349	1.08184	1.08184	0.00767094	0.435823	-2.29451	0.555601	1.15545	1.15545	0.249237	1.33894	1.33894	0.646594	1.11839	1.11839	0.496287	0.845841	-1.18226	2.99218	2.7838	0.826985	1
cg20976787	PTK7;PTK7;PTK7;PTK7	0.0687635	0.106364	0.344387	-2.90371	0.00563452	0.111192	-8.99342	0.0515926	0.262006	-3.81671	0.612427	0.734297	-1.36185	0.0544736	0.267405	-3.73964	0.187441	0.429742	-2.32698	0.0251404	0.199872	-5.00321	0.185649	0.428089	-2.33596	0.21316	0.452689	-2.20902	2.99214	17.3185	5.14487	1
cg14757492	COPE;DDX49;COPE;COPE	0.0687636	0.0152844	0.124118	-8.05683	0.184367	0.372892	-2.68174	0.320009	0.486789	-2.05428	0.376331	0.529379	-1.88901	0.126633	0.314233	-3.18235	0.907662	1.08469	1.08469	0.0076455	0.0905138	-11.048	0.113682	0.299445	-3.33951	0.0383044	0.186033	-5.37539	2.99214	23.2601	6.90999	1
cg06579271	PLLP	0.0687656	0.53922	0.808856	-1.23631	0.596101	0.833153	-1.20026	0.52467	0.802522	-1.24607	0.255255	1.49979	1.49979	0.710828	0.880662	-1.13551	0.00475415	3.59442	3.59442	0.0617665	0.487769	-2.05015	0.50743	1.25795	1.25795	0.232544	1.53298	1.53298	2.9921	5.51846	1.63942	1
cg22257336	SLC43A3;SLC43A3;SLC43A3	0.0687662	0.189014	0.820758	-1.21839	0.476844	0.902417	-1.10813	0.266944	0.848593	-1.17842	0.659617	1.06494	1.06494	0.120915	1.26965	1.26965	0.253972	1.18424	1.18424	0.0060583	1.66331	1.66331	0.367734	0.876923	-1.14035	0.335828	0.868596	-1.15128	2.99209	0.954867	0.283671	1
cg04462132	PARK2;PARK2;PARK2	0.0687665	0.556536	0.81524	-1.22663	0.00649533	0.296671	-3.37074	0.0691976	0.497415	-2.01039	0.319541	1.4238	1.4238	0.339463	0.713068	-1.40239	0.254113	0.664282	-1.50539	0.338412	0.712511	-1.40349	0.466233	0.775158	-1.29006	0.0850445	1.92336	1.92336	2.99209	5.59106	1.66099	1
cg08039952	LOC146336	0.0687687	0.0103979	2.6801	2.6801	0.760721	0.910901	-1.09781	0.0575279	1.92757	1.92757	0.0824743	1.79978	1.79978	0.0989397	0.575382	-1.73798	0.0905197	1.76796	1.76796	0.497061	1.2345	1.2345	0.304432	1.38396	1.38396	0.903482	1.03776	1.03776	2.99205	4.42349	1.31415	1
cg03594801	TBC1D16	0.0687711	0.813843	0.933126	-1.07167	0.112496	0.602307	-1.66028	0.150833	0.636496	-1.5711	0.73565	0.905351	-1.10454	0.00241843	0.289533	-3.45384	0.509356	1.21702	1.21702	0.370939	1.30941	1.30941	0.692939	0.890071	-1.12351	0.222321	0.686373	-1.45693	2.99201	4.08002	1.21213	1
cg22740835	DDR2;DDR2	0.0687728	0.0588958	0.24508	-4.0803	0.00688156	0.0996304	-10.0371	0.0551426	0.238559	-4.19184	0.437391	0.593231	-1.68568	0.0333142	0.194065	-5.1529	0.100154	0.305029	-3.27838	0.105968	0.312285	-3.2022	0.0552863	0.238813	-4.18737	0.35371	0.533152	-1.87564	2.99198	20.5874	6.11634	1
cg03475245	KIAA1688	0.0687728	0.187477	0.568737	-1.75828	0.27954	0.634985	-1.57484	0.157956	0.543427	-1.84017	0.48576	0.751157	-1.33128	0.00350375	0.201901	-4.95292	0.0428054	0.389889	-2.56483	0.556953	0.786638	-1.27123	0.57689	0.79636	-1.25571	0.0236766	0.335827	-2.97772	2.99198	7.73342	2.29753	1
cg10736208	TNXB	0.0687758	0.0210141	0.0992837	-10.0721	0.397778	0.486575	-2.05518	0.815369	0.823152	-1.21484	0.375628	0.469291	-2.13088	0.0278909	0.115111	-8.68724	0.0990772	0.222142	-4.50163	0.0113363	0.0715089	-13.9843	0.0371306	0.133532	-7.48882	0.165111	0.291722	-3.42792	2.99192	32.8024	9.74546	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050T vs. N)	Fold-Change(1050T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1534 vs. N)	Fold-Change(1534 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537T vs. N)	Fold-Change(1537T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg11636702	MIR572	0.68688364	0.0547505	3.00538	0.10538	4.428673	1.50409	1.50409	0.5331546	1.37725	1.377225	1.377225	0.4949773	1.41929	1.41929	0.2053109	1.96388	1.96388	0.2839948	1.75457	1.75457	0.03323868	7.60109	7.60109	0.01892554	4.20203	4.20203	0.2473545	1.8421	1.8421	2.09049	12.0822	3.59129	
cg23703303	SPAG11A	0.68688588	0.106	0.614342	-1.62776	0.92908	0.975734	-1.02487	0.0200556	0.461061	-2.1689	0.816982	1.06606	1.06606	0.00612126	0.137261	-2.68377		0.4514351	0.80919	-1.2358	0.324423	0.75516	-1.32422	0.09195563	0.59933	-1.66853	0.0649059	0.564375	-1.77187	2.90948	3.60673	1.07206	1
cg22367350	C20orf29	0.06886	0.880749	0.968566	-1.03245	0.5521	0.879867	-1.13654	0.7616316	0.937322	-1.06687	0.495198	0.862991	-1.15876	0.00169126	2.59727	2.59727		0.3777393	1.212522	1.212522	2.0163	1.31894	1.31894	0.5906583	1.12246	1.12246	0.2719392	1.27546	1.27546	2.99046	2.14387	0.637248	1
cg23041103	ZFYVE28	0.68688063	0.40732	1.22441	-1.22441	0.459132	1.19726	1.197261	0.4496637	1.20715	1.207151	1.207151	0.2519777	1.33088	1.33088	0.00593965	0.42344	-2.36165	0.0324398	1.81865	1.81865	0.8308778	1.05962	1.05962	0.6603	1.08975	1.08975	0.111142	0.76065	0.911951	-1.09655	2.90445	2.70207	0.8031771	1
cg04849842	KCNK9	0.68688613	0.386811	1.85797	1.85797	1.00606	3.51119	3.511119	0.8993335	1.09821	1.09821	0.62682	0.710234	-1.40799	0.666712	0.738921	-1.35333		0.0486665	4.81877	4.81877	0.339495	0.502842	-1.98869	0.0039814	0.14319	0.14319	0.0903227	0.991571	-1.0085	2.90444	21.0963	6.88523	1
cg18581378	CUGBP2,CUGBP2	0.68688632	0.200462	0.490887	-2.03733	0.0233596	4.16059	4.16059	0.313998	1.72662	1.726621	0.533765	0.7189661	-1.3909	0.0732371	0.349547	-2.86085		0.7724478	0.858522	-1.16479	0.02807731	0.255385	-3.91566	0.6183615	1.28745	1.28745	0.1848494	0.477174	-2.09567	2.9044	11.2213	3.89758	1
cg24775300	TEAD4,TEAD4;TEAD4	0.68688635	0.652508	1.07749	1.07749	0.3369693	1.49018	1.49018	0.8307133	0.9605258	-1.04109	0.100788	0.743826	-1.3444	0.05292337	0.696141	-1.43649		0.5821795	1.09581	1.09581	0.342171	1.17486	1.17486	0.1838376	0.792842	-1.26129	0.0347396	0.666795	-1.49971	2.9044	1.28602	0.3816572	1
cg10181932	UTAF,UTAF;UTAF;UTAF	0.68688637	0.068212	1.57849	1.55883	0.6999386	1.62716	1.627161	0.9524051	1.03308	1.03308	0.0106472	0.02127	2.02127	0.0180042	0.049557	1.94557		0.2211528	1.2312	1.2312	0.3534	1.29626	1.29626	0.102094	1.97963	1.97963	0.109868	1.46151	1.46151	2.99039	2.24537	0.6674631	1
cg07388952	PACS2,PACS2	0.68688644	0.923659	0.983625	-1.01667	0.363189	1.17466	1.174666	0.00207298	2.4105	2.2105	0.291346	1.23658	1.23658	0.0808238	0.830439	-1.20418		0.326117	1.19082	1.19082	0.463731	0.879442	-1.13708	0.233887	1.23983	1.23983	1.05332	1.08021	1.08021	2.99038	1.40532	0.417731	1
cg16076328	EPCAM	0.68688663	0.0574922	4.60292	4.60292	0.0769714	4.04529	4.04529	0.208269	2.56709	2.56709	0.215129	2.52753	2.52753	0.01508865	8.35065	8.35065		0.0387997	5.47535	5.47535	0.0126885	9.01692	9.01692	0.0735001	4.12897	4.12897	0.256407	2.32063	2.32063	2.99035	23.9172	7.10944	1
cg04100684	SHSA9,SHSA9	0.68688668	0.856693	1.39193	1.39193	0.7183564	1.45235	1.452351	0.2092352	1.227656	1.45011	1.45011	0.2373098	1.4382	1.4382	0.06128153	0.50696	-1.97234	0.8078311	1.23027	1.23027	0.7736515	1.03154	1.03154	0.9418486	1.02481	1.02481	0.6622132	0.86435	1.15694	2.90711	4.07852	1.21266	1
cg21008401	SRP72	0.68688691	0.460543	1.26325	1.26325	0.0310309	2.1978	2.1978	0.00507711	3.16496	3.16496	0.986363	0.994698	-1.00533	0.8208224	1.508966	1.50996	1.50996	0.111943	0.58369	-1.71324	0.715032	1.12081	1.12081	0.812854	1.07422	1.07422	0.432345	1.28305	1.28305	2.9003	4.5818	1.36197	1
cg19336231	CDL2A1	0.68688702	0.00512631	0.329432	-3.03078	0.8880993	1.24778	1.24778	0.1047238	1.75803	1.758028	0.3405227	-1.08775	0.2769396	0.30481	-1.41882	0.0364453	0.471987	-2.1187	0.0440268	0.303189	-3.29827	0.0037695	0.131707	-7.59261	0.4546403	0.6737314	-1.48431	0.0567178	0.326816	-3.01982	2.90626	4.12703	0.7845724	1
cg08185245	ZNF19	0.68688717	0.24799	1.534593	-1.87058	0.125766	0.423556	-2.36097	0.6644253	0.940522	-2.93667	0.201011	0.496455	-2.01428	0.118202		0.4094047		0.0440268	0.303189	-3.29827	0.0037695	0.131707	-7.59261	0.4546403	0.6737314	-1.48431	0.0567178	0.326816	-3.01982	2.90626	12.7337	3.78524	1
cg18591106	EFX3A	0.68688729	0.0340846	2.222508	-4.49423	0.56473	1.42435	1.424351	0.860818	1.11253	1.11253	0.395487	0.589327	-1.69685	0.0188068	0.233243	-4.28737		0.605086	0.728355	-1.37296	0.6677228	0.118535	-8.43633	0.196267	0.435922	-2.29399	0.0812592	0.309008	-3.23616	2.90423	17.4856	5.19784	1
cg27158472	MAPK8IP1	0.68688732	0.293387	1.18957	1.18957	0.6455479	0.66407	-1.44078	0.83171	0.9666576	1.12662	0.573545	0.718961	1.18312	1.1812	0.4581831	1.12705		0.3581735	1.16278	1.16278	0.1049678	1.82482	1.82482	0.957542	1.00852	1.00852	0.2082526	1.23527	1.23527	2.99023	1.20122	0.35708	1
cg22685446	ZNF330	0.68688739	0.236406	1.23283	1.23283	0.8655595	1.02899	1.028992	0.958859	1.00874	1.00874	0.569699	0.907615	-1.10179	0.156724	1.29118	1.29118		0.393791	0.862972	-1.15879	0.00273991	0.497798	-2.00885	0.973961	0.994508	-1.00552	0.3660225	1.16963	1.16963	2.99022	1.13405	0.4007331	1
cg23676682	GRIA4,GRIA4;GRIA4;GRIA4	0.68688742	0.178939	1.18408	1.18408	0.1286455	1.18046	1.180456	0.1936296	1.17426	1.17426	0.263871	0.8707371	-1.14801	0.0220447	1.18464	1.18464		0.0522263	1.29012	1.29012	0.804477	0.9705031	-1.02981	0.0725565	1.44832	1.44832	0.894476	1.01585	1.01585	2.99021	0.6652205	0.197743	1
cg23310143	CSNK2A1P;GALNTL4	0.68688746	0.5090536	0.91252	-1.09587	0.225833	0.802947	-1.24541	0.1324423	0.8396603	-1.19104	0.767876	1.0524	1.0524	0.2568621	1.563777	1.563777		0.485252	1.13017	1.13017	0.1065992	1.52061	1.52061	0.3294683	1.18955	1.18955	0.0379093	1.660118	1.514488	2.9002	1.41006	0.419163	1
cg24500487	PAPSS2,PAPSS2	0.68688784	0.0218556	0.402786	-2.48271	0.184387	0.627919	-1.59256	0.112492	0.564927	-1.77014	0.0412119	0.45915	-2.17794	0.00829631	0.327786	-3.05077		0.321785	0.712982	-1.40256	0.0329495	0.438505	-2.28047	0.160909	0.609602	-1.64041	0.4488909	0.77488	-1.29052	2.90414	5.173406	1.53781	1
cg00507154	C15orf76,C15orf76	0.68688802	0.411607	1.49505	1.49505	0.4709279	0.63779	-1.56789	0.0310199	0.762765	1.31126	0.2092392	0.12765	7.83	0.04922934	5.999777	5.999777		0.330456	2.2287	2.2287	0.0221864	8.93771	8.93771	0.2980911	2.94529	2.94529	0.290932	2.39801	2.39801	2.99011	31.6229	8.86571	1
cg13459303	TMEM176B,TMEM176A	0.68688814	0.172811	1.269651	1.269651	0.731385	0.944871	-1.05835	0.0403365	0.677222	-1.47662	0.0887807	1.36196	1.361956	0.17073	1.17073			0.299564	1.19354	1.19354	0.1522072	1.56961	1.563567	0.777724	1.2858	1.2858	0.4090446	1.14907	1.14907	2.99009	1.28244	0.381242	1
cg23446514	ZWILCH,SNORD18A;RPL4;RPL4;ZWILCH	0.068885	0.859887	1.02839	1.02839	0.0256607	1.52186	1.52186	0.145312	1.28115	1.28115	0.818112	0.964162	-1.03717	0.0971559	0.749435	-1.33434		0.1125542	0.760559	-1.31482	0.0773359	0.732631	-1.36494	0.881028	1.02401	1.02401	0.109936	1.31792	1.31792	2.99002	1.18868	0.353377	1
cg26070620	FAM66A	0.68688852	0.0476832	1.376506	-2.656	0.668291	1.20435	1.20435	0.195815	0.554278	-1.80415	0.952702	0.974738	-1.02592	0.0300074	0.172849	-5.7854		0.796882	1.894707	-1.11768	0.259277	0.6019	-1.66141	0.814707	0.903691	-1.10657	0.0645023	0.408261	-2.44941	2.90402	8.81141	2.6195	1
cg05488153	DID3	0.68688864	0.0152294	5.530132	-5.39246	0.727505	0.644648	-1.55075	0.1457606	0.685184	-1.45839	0.2055	0.5336	-1.87496	0.0254943	0.373632	-2.67655		0.2389151	1.2966	1.2966	0.3529621	0.6173	-1.62045	0.1830556	0.7370046	-1.35677	0.4625777	0.848741	-1.17822	2.99	2.62774	0.6771343	1
cg03762994	ALOX12	0.68688866	0.0404053	4.92189	4.92189	0.0274867	5.78529	5.78529	0.1496	2.82937	2.82937	0.406287	1.77167	1.77167	0.0928141	3.47273	3.47273		0.0366228	5.12859	5.12859	0.0154066	7.39989	7.39989	0.0346668	5.24789	5.24789	0.1738171	2.648334	2.648334	2.99	21.4604	6.3799	1
cg27348654	GOLGA8F;GOLGA8G;GOLGA8F	0.68688878	0.3024027	1.22377	-1.03593	0.1386907	1.27617	1.28588	0.1935961	1.18246	1.18246	0.4646232	1.17699	1.17699	0.2170562	1.33539	1.33539		0.1187078	1.3126	1.3126	0.2861557	1.30707	1.30707	1.2566	1.044659	0.2020003	1.084969	1.08497	2.98997	0.2653339	0.7183826	1
cg09348948	COL12A1;COL12A1	0.68688898	0.0641383	0.6425005	-1.55641	0.0263994	1.7457	1.7457	0.0894786	1.48807	1.48807	0.577311	1.12719	1.12719	0.0434507	0.610305	-1.63852		0.245923	1.72554	1.72554	1.29441	0.643179	0.905558	-1.10429	0.548751	0.878952	-1.13772	0.560529	1.13333	1.13333	2.98994	2.14134	0.636606	1
cg06757810	CNGB3	0.68688927	0.5606669	0.793045	-1.26096	0.558004	1.263	1.263	0.817532	1.09536	1.09536	0.627678	0.824796	-1.21242	0.0017035	0.171024	-5.84715		0.32749	1.4894	1.4894	0.461079	0.743983	-1.34412	0.454558	1.35015	1.35015	0.428043	0.726952	-1.37561	2.98989	7.35526	2.18671	1
cg25331275	SBF2	0.68688937	0.2299126	1.517434	-1.51357	0.2042017	0.645448	-2.46641	0.51569	0.780882	-1.28703	0.914298	0.770366	-1.29803	0.0174598	0.244668	-4.08538		0.2070556	1.43773	1.43773	0.1864879	1.27056	1.27056	1.03998	1.836668	0.873995	1.062615	1.06262	2.98987	0.6949	1.06353	0.263153	1
cg26544752	CDH10	0.68688947	0.939666	1.03715	1.03175	0.86052	0.17533	1.07533	0.862938	0.931131	-1.07396	0.507404	0.7893	-1.26694	0.00265089	0.179579	-5.56857		0.525531	0.767603	-1.30429	0.0272865	0.34005	-2.94074	0.591461	1.30953	1.30953	0.262816	0.621113	-1.61001	2.98986	8.0752	2.40077	1
cg05131746	KDR	0.68688964	0.0432316	2.433216	-2.43216	0.3930707	1.24453	1.24453	0.1858893	0.849984	1.04382	0.378396	0.549592	-1.82003	0.0028464	0.202802	-4.93078		0.1819345	1.4885	1.4885	0.2711113	0.6722479	0.146401	-6.83057	0.1027282	0.240885	-4.15274	0.0422679	0.164401	-6.08357	0.1027282	0.240885	-4.15274	0.0422679	2.98985	4.4641	1.24707	1
cg04001842	DUOXA2;DUOX2	0.68688988	0.132016	0.617746	-1.61879	0.6655401	0.542043	-1.84487	0.29809	1.37657	1.37657	0.0337906	0.479792	-2.08424	0.09165955	0.576786	-1.73374		0.0421269	0.499689	-2.00125	0.0235115	0.448605	-2.22913	0.830197	0.93835	-1.0657	0.108801	0.595577	-1.67904	2.9898	0.4715124	1.23595	1
cg05389374	CPSF7;CPSF7;CPSF7	0.68688998	0.0530277	0.570845	-1.75179	0.445152	0.918978	-1.21954	0.666868	0.895449	-1.11676	0.299072	0.759980	-1.31581	0.888905	0.964986	-1.03628		0.023764	0.502491	-1.99009	0.0215293	0.2128	0.02187	0.74884	1.08535	1.08535	0.249302	1.35941	1.35941	2.9898	3.07911	0.915442	1
cg05481217	ELMO1	0.68688999	0.8885934	1.02923	1.02923	0.7934	0.32986	1.32986	0.422213	0.899775	-1.11243	0.230347	1.17725	1.17725	0.553074	0.910914	-1.09775		0.5939586	1.09517	1.09517	0.6603	0.964006	1.03664	0.8279915	1.20785	1.20785	0.0293915	0.672031	1.48803	1.29878	1.01644	0.3013506	1
cg26480057	SLC44A2	0.68689094	0.167995	2.49763	2.49763	0.995436	0.00357	1.00357	0.190598	2.37122	2.37122	0.260816	2.29192	2.29192	0.01154493	0.139791	-7.15354		0.0935519	0.316968	-3.15489	0.0928642	0.316053	-3.16402	0.492586	0.647815	-1.54365	0.7307888	1.24007	1.24007	2.98977	18.1761	5.4634	1
cg10489614	MIR137	0.68689096	0.714249	1.06265	1.06265	0.3168007	1.23193	1.23193	0.788073	1.07445	1.07445	0.627014	1.37414	1.37414	0.2819197	0.547388	-1.37542		0.998013	1.0013	1.0013	1.0020792	0.995459	-1.00455	0.9954539	1.01454	1.01454	0.846563	1.464078	0.872752	0.926067	1.02604	2.98973	2.19379	0.8385257	1
cg00230509	FNBP4	0.68689103	0.12102	1.690071	-1.44913	0.1804402	0.530579	1.88473	0.0198643	0.537686	-1.85982	0.196655	0.73993	-1.35148	0.2288488	0.566298	-1.76586		0.1863317	1.21646	1.21646	0.728752	0.926064	-1.07984	0.471188	0.850678	-1.17553	0.5798883	0.646822	1.54602	2.98971	3.03507	0.685335	1
cg18318639	MOCS2;MOCS2	0.68689057	0.3221661	1.55881	1.55881	0.934732	0.9650317	-1.03623	0.0308255	0.332249	-3.00979	0.369154	0.6698024	-1.49298	0.100334	0.457382	-2.18636		0.497912	1.3485	1.3485	0.0605286	2.50828	2.50828	0.609073	0.799219	-1.25122	0.0244616	0.311844	-3.20673	2.98966	8.9399	2.65802	1
cg28236808	ARHGAP2;ARHGAP2	0.68689076	0.0400259	1.650916	-1.65916	0.3540063	0.671537	-1.48212	0.0344599	0.644914	-1.55055	0.0473424	0.774014	-1.29197	0.0475481	0.537547	-1.86064		0.8058328	1.084519	-1.11792	0.0055753	0.190144	-5.25917	0.123317	0.469758	-2.12976	0.0899557	0.429165	-2.33015	2.98966	0.509668	0.187824	1
cg01702815	LMTK2	0.68689058	0.113041	0.634181	-1.57684	0.206296	0.703381	-1.42191	0.288445	0.747618	-1.33758	0.386826	0.791177	-1.26394	0.16276	0.64053	-1.56072		0.144767	0.661285	-1.51221	0.0241146	0.23434	0.20434	0.659582	1.12418	1.12418	0.074854	1.68859	1.68859	2.98966	2.3014	0.585177	1
cg25692660	CLPTM1L	0.68689078	0.9797787	1.00455	1.00455	0.9855251	0.3513	1.08308	0.3365906	0.996786	1.00246	0.941649	0.983851	-1.01646	0.6208753	0.849273	-1.17743		0.365005	1.1214	1.1214	0.2298	0.832464	1.2298	0.3284661	0.980053	-1.02035	0.8466444	0.72008	-1.38889	1.2	1.328	0.809862	1.2328	2.98962	1.2328	0.3705683	1
cg15942142	KCTD18	0.68689088	0.861951	0.943657	-1.05971	7	0.0000004	1.55501	0.551012	0.819606	-1.2201	0.0421726	0.458439	-2.18131	0.058108	0.489876	-2.04133		0.0122209	0.353387	-2.82976	0.352495	0.727035	-1.37545	0.0281055	0.421411	-2.37298	0.59815	1.19389	1.19389	0.028998	4.73396	1.56289	1
cg03187826	LOC285548	0.68689108	0.263574	1.717148	1.717148	0.759272	1.04096	1.040956	0.3855001	0.8838	-1.13249	0.695676	0.9662464	-1.03482	0.0957386	0.774044	-1.29192		0.894115	1.1881	1.1881	0.3386652	1.503721	1.503721	0.12764	1.794085	-1.25981	0.2958958	0.927602	2.979803	2.98961	0.9276021	0.279803	1
cg08578023	CTSC;CTSC	0.68689103	0.0484589	2.257514	-3.62609	0.2955513	0.2315	-4.32424	0.08859184	0.449445	-4.69143	0.374162	0.319579	-3.12912	0.0433329	0.264989	-3.77374		0.2713387	0.519781	-1.92389	0.0737997	0.320173	-3.12331	0.242226	-0.40591	-2.46356	0.156882	0.420942	-2.37963	2.98958	4.632	1.45966	1
cg09481234	ALOX3;ALOXE3	0.68689104	0.138968	0.664495	-1.5049	0.579019	1.15469	1.15469	0.0396623	1.84138	1.84138	0.0414165	0.546833	-1.82871	0.409253	0.805257	-1.24184		0.8396348	0.949334	-1.05337	0.127681	1.52607	1.52607	0.0650462	1.70172	1.70172	0.256849	1.35488	1.35488	2.98958	3.11844	0.927203	1
cg24371225	MIGC4215;MIGC4215	0.68689112	0.0778512	0.6898912	-1.44955	0.2104106	0.742104	-1.34752	0.2624883	0.848382	-1.18507	0.0671894	0.954581	-1.04767	0.8519454	0.943408	-1.06028		0.7948841	1.0729	-1.06744	0.3581447	1.07099	1.07099	0.5495616	1.20709	1.20709	0.4495616	1.1784	1.1784	2.98956	1.2784	0.358506	1
cg25202111	ZFYVE27;ZFYVE27;ZFYVE27	0.68689152	0.0779562	1.3467	1.3467	0.5508009	1.40199	1.40199	0.063607	1.37256	1.37256	0.133245	1.27883	1.27883	0.221036	1.21573	1.21573		0.0248493	1.50011	1.50011	0.173839	0.800756	-1.24571	0.0808249	1.34177	1.34177	0.0854306	1.33472	1.33472	2.98955	1.09174	0.324609	1
cg01211763	NTM;NTM;NTM;NTM	0.68689123	0.1180318	0.4493165	-2.66829	0.1471	1.66624	1.66624	0.658729	1.20006	1.20006	0.103912	0.482139	-2.07418	0.0132213	0.277739	-3.59998		0.4898128	0.749693	-1.33414	0.0521993	0.335481	-2.9808	0.515342	1.31083	1.31083	0.233449	0.598949	-1.66959	2.98955	1.57103	2.37004	1
cg03152913	KIAA0513;SCARA3	0.68689135	0.997535	-1.92273	-1.08371	0.2218323	0.567852	-1.76102	0.4242776	0.9999	-1.14317	0.1443137	0.500735	0.8687655	-1.15106	0.551122	0.8831315		0.1121	0.5172263	0.5172263	0.1215	1.58104	1.58104	0.5172263	1.72115	1.72115	0.4042	0.298299	0.8009778	0.8009778	2.24847	2.98953	2.00616	0.35905	1
cg11367401	PNPT1A	0.68689158	0.959456	0.990333	-1.00976	0.7276449	0.935377	-1.06909	0.510546	1.13602	1.13602	0.642021	0.914428	-1.09358	0.0105026	0.417338	-2.39614		0.724643	0.934653	-1.06992	0.55374	0.988451	-1.01106	0.784306	1.05382	1.05382	0.0949441	0.704237	-1.41998	2.98949	1.72871	0.514012	1
cg22240880	SENP3	0.68689172	0.0643764	1.373308	1.373308	0.7703	0.0862591	1.64	0.4560515	0.8048	1.0997	1.0997	0.32188	1.63014	1.63097	0.0813862	0.6097	-1.64027	0.0946698	1.04662	1.04662	0.8115221	0.815864	1.03294	0.5028	1.377318	1.377318	0.6870633	0.40871	1.377318	2.98949	2.44627	0.8994	0.4957055	1
cg07053469	DID3B	0.68689193	0.1161347	0.556766	-1.79609	0.330687	0.70876	-1.41091	0.775216	0.9064758	-1.10317	0.117103	1.79288	1.79288	0.01303103	0.347547	-2.87731		0.403367	1.34081	1.34081	0.0188414	0.3769624	-2.65321	0.766903	0.903074	-1.10733	0.5435251	0.8098666	-1.23477	2.98943	5.56902	1.65592	1
cg01577889	SCARA4;SCARA3	0.68689196	0.775462	1.07985	1.07985	0.8587	0.875495	-1.14221	0.5553564	0.870923	-1.14821	0.956233	0.9874243	-1.01274	0.4649323	0.842052	-1.18753		0.0900736	0.443138	2.25564	0.320347	0.788149	-1.26793	0.6483624	1.68008	1.68008	0.105783	1.502858	1.502858	2.98942	2.518	0.744714	1
cg19423472	ADPRHL1;ADPRHL1	0.68689214	0.951152	0.989118	-1.011	0.328783	0.834136	-1.19885	0.0404669	1.5308	1.5308	0.998948	0.999763	-1.00024	0.307137	-3.20952	0.209552		0.3575641	1.18556	1.18556	0.0622876	2.114559	2.114559	0.330347	1.1981	1.1981	0.666164	1.087999	1.087999	2.98939	1.532383	0.455784	1
cg07751287	RCSD1	0.68689221	0.41078	0.845234	-1.1831	0.1285541	1.85443	1.85443	0.893255	0.973518	-1.0272	0.658393	0.9150311	-1.09286	0.0461504	0.633339	-1.57893		0.134242	1.38103	1.38103	0.143855	0.730578	-1.36878	0.259648	1.265	1.265	0.445398	0.855981	-1.16825	0.99838	1.892404	0.562596	1
cg03410050	NOM1	0.68689261	0.2413155	1.53293	1.53293	0.9983	0.1972	1.81972	0.5533434	1.10958	1.10958	1.24558	0.7435956	1.0983	1.0983	0.1245648	0.7035555		0.7098404	0.9153663	-1.09254	0.6894514	1.54316	1.54316	0.0197125	1.68261	1.68261	0.1634	1.66194	1.66194	2.98931	1.7855	0.70639	1
cg00930347	AKD1;FIG4;AKD1;AKD1;AKD1	0.68689268	0.482975	0.903364	-1.11066	0.482565	1.11077	1.11077	0.047404	1.96439	1.39639	0.967159	0.9939358	-1.00608	0.9313196	0.987405	-1.01276		0.0487971	0.718029	-1.3927	0.627547	0.935555	-1.07463	0.0118751	1.58772	1.58772	0.153912	2.25197	1.25197	2.9893	1.02595	0.305074	1
cg18237180	LOC283506;LOC283506;LOC283506	0.68689269	0.0481911	0.607155	-1.74953	0.1655816	0.56138	1.56138	0.1615836	1.56138	1.56138	0.1910212	0.7538363	1.32609	0.3122102	0.201993	-4.95043		0.4807074	0.7385	-1.37895	0.1964466	0.73846	1.35406	0.1706	1.37046	1.37046	0.3836663	1.00906	1.00906	0.2872171	2.98911	0.748411	1
cg14159672	PM20D1	0.68689276	0.0850902	3.41341	3.41341	0.0202338	0.68353	0.68353	0.251736	2.16436	2.16436	0.119222	3.361	-2.9753	0.0610965	3.90004	3.90004		0.2172227	2.30983	2.30983	0.599552	1.40726	1.40726	0.027382	3.5815	3.5815	0.184664	2.47759	2.47759	2.98928	19.6869	5.85407	1
cg19874857	SYT6	0.68689294	0.021091	0.641019	-1.56002	0.0229151	0.518974	-1.92688	0.283738	0.836488	-1.19547

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1347 vs. N)	p-value(1347 vs. 1047)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg01133686	TSNARE1	0.06909206	0.544373	1.19304	1.15904	0.05196447	0.587491	-1.70215	0.120234	0.666681	-1.49997	0.0926639	0.640757	-1.50265	0.650329	1.11603	1.11603	0.369771	1.24803	1.24803	0.027457	0.533979	-1.87273	0.353397	0.7939873	-1.25949	0.0183738	0.502464	-1.90019	2.98746	2.7379	0.814634	1
cg02817514	ASB18	0.06903444	0.615635	1.14827	1.14827	0.490971	1.21054	1.21054	0.895189	0.96464	-1.03666	0.996664	1.00114	1.00114	0.299624	0.745573	-1.34125	0.6280553	1.14264	1.14264	0.00545558	0.71385	2.71385	0.0114962	2.37143	2.37143	0.310966	1.33152	1.33152	2.98743	3.52965	1.05022	1
cg14724364	KCNJ11;KCNJ11	0.06903359	0.2566248	1.55189	1.55189	0.186118	1.68252	1.68252	0.00330978	4.44438	4.44438	0.570185	1.23736	1.23736	0.789578	1.10437	1.10437	0.0829023	0.490312	-2.03952	0.663073	1.1767	1.1767	0.769425	1.11527	1.11527	0.433505	0.74131	-1.34533	2.9874	6.51818	1.93946	1
cg07815367	SCAF1	0.06903662	0.1174828	0.587674	-1.70162	0.0285533	1.24564	2.24565	0.125076	1.67867	1.67867	0.474556	1.79666	-1.25523	0.133138	0.65939	1.65939	0.1575168	0.623192	-1.60456	0.151611	1.61643	1.61643	0.549338	0.8274478	-1.20849	0.154421	0.62096	-1.61084	2.9874	4.62287	1.37552	1
cg09191165	SVOPL;SVOPL	0.06903399	0.2809918	0.563774	-1.77345	0.0133056	0.47965	4.79665	0.816175	0.887731	-1.12642	0.539851	0.728128	-1.37939	0.100142	0.190591	0.190598	-5.24665	0.28638	0.567812	-1.76115	0.389635	0.637202	1.56936	0.994322	1.00364	1.00364	0.55718	0.738225	-1.3546	2.98733	12.3643	3.67903	1
cg14632918	PTPN2;PTPN2;PTPRN2	0.06903408	0.263647	1.1926	1.1926	0.00376897	1.80571	1.80571	0.342397	1.15936	1.15936	0.0222681	1.51302	1.51302	0.0861577	1.3319	1.3319	0.0884402	1.3286	1.3286	0.172235	1.24561	1.24561	0.556416	1.09409	1.09409	0.950312	1.0095	1.0095	2.98732	1.08102	0.321662	1
cg20385229	ALXBH1;C14orf156	0.0690941	0.00792744	0.168558	-5.93268	0.113765	0.40666	-2.45905	0.326244	0.588593	-1.69897	0.796346	0.873505	-1.14481	0.10879	0.400669	-2.49583	0.0924958	0.379774	-2.63315	0.0143669	0.20637	-4.84566	0.180836	0.475691	-2.1022	0.0526656	0.316036	-3.16419	2.98731	12.9374	3.84958	1
cg14006318	UAP1L1	0.06904042	0.0193015	0.362065	-2.76194	0.075548	0.941416	-1.18847	0.51128	0.762241	-1.31192	0.265684	0.623345	-1.60425	0.0319947	0.199165	-5.0203	0.879283	1.06389	1.06389	0.202424	0.938932	-1.13005	0.0842637	0.737091	-2.69694	0.349373	0.675323	-1.48077	2.98729	7.85662	2.33779	1
cg11879526	RASA3	0.06904403	0.802965	0.593749	-1.07095	0.39395	1.339	1.339	0.133586	1.5445	1.3545	0.853197	1.29943	1.29943	0.166263	0.667154	-1.4989	0.559869	0.850738	-1.17545	0.339453	1.31698	1.31698	0.0033592	2.98628	2.98628	0.0973659	1.64673	1.64673	2.98728	3.55678	1.05835	1
cg21611810	TBX5;TBX5;TBX5;TBX5	0.06904334	0.0832051	0.20822	-4.80261	0.38562	0.4830315	-2.07033	0.275506	2.52982	2.52982	0.28222	0.40081	-2.49495	0.0447569	0.151842	-6.58581	0.340283	0.447507	-2.2346	0.0175025	0.0938542	-10.6548	0.276489	2.52465	2.52465	0.0406122	0.144525	-6.91922	2.98727	31.6699	9.42364	1
cg21446224	SASS6	0.06904434	0.0424402	0.449304	-2.22546	0.0799	0.293971	-3.40197	0.0923	2.74727	2.74727	0.0156132	2.74727	2.74727	0.0156132	2.74727	2.74727	0.0169267	0.378335	-2.64305	0.0106764	0.378335	-2.6606	0.0184904	2.99423	2.99423	-2.34479	0.302513	0.892727	5.71444	1.70008	1
cg20919781	ZNF703	0.06904441	0.0366752	0.816608	-1.22458	0.0173399	0.785185	-1.27359	0.39261	0.929518	-1.07583	0.314012	0.91677	-1.09079	0.0533513	0.83263	-1.20101	0.54996	1.05178	1.05178	0.230595	0.900362	-1.11066	0.185152	0.8973442	-1.12443	0.106283	1.15859	1.98726	0.3295513	0.0980498	1
cg09054776	ARID5A	0.06904552	0.0961365	0.556732	-1.67579	0.01732	1.12078	1.02078	0.945988	0.760515	-1.31551	0.705081	0.898132	-1.11342	0.0632809	0.554224	-1.80427	0.0525282	0.582603	-1.71639	0.0135236	0.357935	-2.7938	0.0439913	1.40871	1.40871	0.473611	0.810883	-1.23368	2.98724	3.77731	1.12398	1
cg16690845	INPP5A	0.0690471	0.592139	1.30478	1.23453	0.0804898	0.51381	-1.94625	0.0402082	2.49295	-2.25736	0.108541	0.546115	-1.82443	0.00562841	0.287003	3.48428	0.576578	0.82385	-1.21381	0.2117909	1.5608	1.5608	0.347796	0.71746	-1.39381	0.256876	0.666001	-1.5015	2.98721	0.58173	1.66093	1
cg26732720	NRXN3;NRXN2;NRXN2	0.06904477	0.0258948	0.315253	-3.17206	0.353707	0.659364	-1.51661	0.399197	1.45748	2.410955	0.625502	1.08158	-1.44758	0.210955	0.625502	1.60028	0.0458208	0.246846	-2.06328	0.0835927	0.433513	-2.30674	0.2969329	1.60319	1.60319	0.0709588	0.441656	-2.41216	2.9872	9.02182	2.68191	1
cg11279211	PIP5K1B;FAM122A	0.06904478	0.489377	1.1255	1.07823	0.672654	0.95143	-1.05065	0.495091	1.09553	1.09553	0.912761	0.990901	-1.00909	0.0292705	0.75922	-1.31712	0.2105513	0.41396	-2.41396	0.0178078	0.130337	7.67305	0.0108473	0.478555	1.08033	1.08033	0.0638701	1.25033	1.25033	1.40025	0.16195	1
cg08151983	VPS52	0.06904497	0.7673897	0.937421	-1.06676	0.19645	0.74262	-1.34658	0.0190578	0.538866	-1.85575	0.488823	1.16556	1.16556	0.0193736	0.5400389	-1.85155	0.319627	1.25116	1.25116	0.462868	1.17681	1.17681	0.221766	1.32286	1.32286	0.146889	0.7122113	-1.40407	2.98716	2.72066	2.24568	0.668246	1
cg24526211	SAMD4A;SAMD4A	0.06904502	0.314447	0.655751	-1.52497	0.250856	0.644481	-1.62719	0.0836977	2.17881	2.17881	0.116564	0.502132	-1.99312	0.0155307	0.370562	-2.69986	0.210073	0.508205	-1.9678	0.0183791	0.313193	-3.19145	0.123678	0.508455	-1.96574	0.110387	0.493744	-2.02534	2.98716	7.78456	2.31645	1
cg26606194	CDS5;CDS5;CDS5;CDS5	0.06905519	0.9841339	0.990504	-1.00942	0.0488665	0.67686	-1.47089	0.554618	0.902542	-1.10798	0.503634	1.12286	1.12286	0.793946	1.04604	1.04604	0.0400459	0.567141	-1.49893	0.1003847	0.534728	-1.94277	0.443376	0.8719044	-1.14668	0.0644435	1.00397	1.00985	2.98712	1.39026	0.414403	1
cg22265273	CETN1	0.06905526	0.0216419	0.191343	-5.2262	0.863186	0.901738	-1.10897	0.775884	0.842681	-1.18669	0.066921	0.291797	-3.42704	0.0310457	0.219137	-4.56336	0.963991	1.02744	1.02744	0.456863	0.634832	-1.57522	0.176633	0.422581	-2.36641	0.0077862	0.128863	-7.76019	2.98711	17.0137	5.06285	1
cg17112108	SPTBN2	0.06905537	0.8202771	0.935533	-1.06903	0.0689193	2.78525	2.78525	0.556405	1.1903	1.1903	0.6606297	0.878642	-1.13912	0.358949	0.292442	-3.41814	0.389704	1.29449	1.29449	0.0066829	0.859458	1.86242	1.86242	0.0845858	1.34107	1.34107	0.0673107	0.543127	-1.84119	2.9709	4.05686	1.20722	1
cg11528978	ATPAF1;ATPAF1	0.06905538	0.0257476	0.523083	-1.91174	0.746669	0.923757	-1.08254	0.47857	1.19276	1.19276	0.0740791	0.614437	-1.62751	0.0341012	0.91677	-1.09079	0.0533513	0.83263	-1.20101	0.4596	1.05178	1.05178	0.230595	0.900362	-1.11066	0.185152	0.89753	1.12443	1.10628	1.58589	2.98726	0.3295513	0.0980498	1
cg21369231	SLC7A14	0.06905543	0.1322124	0.82611	2.84662	0.108716	1.57914	1.57914	0.164767	1.33233	1.33233	0.0678581	1.77598	1.77598	0.0915559	1.96684	1.96684	0.3185054	1.77598	1.77598	0.0915559	1.96684	1.96684	0.3185054	1.77598	1.77598	0.0915559	1.96684	1.96684	0.3185054	1.77598	1.77598	0.0915559	1.96684	1.96684	0.3185054	2.98726	0.16711	2.18115	2.98706	0.2665358	0.0980498	1
cg26833449	13-Sep	0.06905564	0.250876	-1.809336	-1.23558	0.0445181	1.50201	1.50201	0.0567023	1.46275	1.46275	0.17413	0.774978	-1.29036	0.375163	1.17409	1.17409	0.2854577	0.822331	-1.21605	0.0326094	0.643432	-1.55417	0.834398	0.96376	-1.0376	0.364381	1.17862	1.17862	2.98705	1.47078	0.437676	1
cg05091115	REEP3	0.06905568	0.209085	0.8183	-1.22205	0.0246062	0.666702	-1.49992	0.09248	1.5007	1.3545	0.853197	1.32131	1.32131	0.183408	1.23834	1.23834	0.3535825	1.15471	1.15471	0.347852	1.15764	1.15764	0.952473	0.9910014	-1.00907	0.336878	0.860743	-1.16179	2.98704	1.08513	0.322916	1
cg19358731	CSNK1E;CSNK1E	0.06905574	0.0159136	0.289066	-3.46106	0.365197	0.39656	-2.52156	0.0136	1.39806	1.39806	0.176383	1.13577	1.13577	0.0211977	1.32445	1.32445	0.1837015	1.22445	1.22445	0.0753102	1.35167	1.35167	0.0457885	-2.18397	-2.18397	0.0179773	0.0900398	0.995675	-1.00404	2.98703	0.43631	1.82401	1
cg16097329	ARHGEF16	0.06905592	0.510857	0.85572	-1.16861	0.182151	0.672834	-1.48625	0.0205232	0.520962	-1.91953	0.307116	0.781133	-1.28019	0.0126219	0.484562	-2.06372	0.397918	1.12411	1.12411	0.129105	1.46689	1.46689	0.327196	0.789537	-1.26557	0.746073	0.926899	-1.07887	2.987	2.58223	0.768436	1
cg16929041	TMEM97	0.06905598	0.0372654	0.329841	-3.03238	0.0756206	0.524446	-1.90679	0.0127599	1.92121	-1.68432	0.203785	0.467892	-2.13725	0.0173997	0.366324	-2.73045	0.1103458	0.598301	-1.67152	0.0154384	0.219452	-4.55808	0.0150577	0.53449	-1.87038	0.187572	0.476422	-2.09882	2.98699	13.3478	3.72213	1
cg05514353	PCDH1	0.06906023	0.07137733	0.86956	1.86956	0.0559099	0.07605	3.07605	0.372683	1.32892	1.32892	0.720814	0.894491	-1.11795	0.0533733	0.62726	1.62726	0.143225	1.63037	1.63037	0.0503939	1.99962	1.99962	0.487056	1.24534	1.24534	0.113062	1.70893	1.70893	2.98694	4.56718	1.35915	1
cg23424455	SMUG1	0.06906042	0.4607558	0.783081	-1.27701	0.0596974	0.500612	-1.99755	0.038523	0.458169	-2.1826	0.39631	0.753638	-1.3269	0.00697106	0.320936	-3.11589	0.0250205	0.419699	-2.38266	0.01495	0.561617	-1.78057	0.641634	0.858454	-1.16489	0.0929445	0.547778	-1.82556	2.98691	5.01573	1.49265	1
cg26176270	DSP;DSP	0.06906059	0.0529835	0.3203	-3.12203	0.0445148	0.597477	-2.02042	0.0370595	1.68363	-1.68363	0.0931113	0.49724	-2.12198	0.0266445	0.314053	-3.18051	0.1078351	0.726045	-1.37741	0.0623206	0.525445	-1.90307	0.0225147	0.772317	1.29494	1.29494	0.0162264	0.774636	-1.29107	-5.05697	0.628739	0.252145	1.36307	-2.74743	0.34911	21.0977	6.27261	1
cg00506299	RFTN1	0.06906065	0.10226	0.40818	-2.44847	0.0822721	2.622	2.622	0.83806	0.903092	-1.10731	0.0278357	0.272054	-3.67574	0.33663	0.787971	-1.26908	0.449012	1.47157	1.47157	0.0441553	0.514134	-1.94511	0.372383	0.581844	1.58184	1.58184	0.0778162	0.374793	-2.66814	2.98687	11.8621	3.53015	1
cg24623497	OLFML2B	0.06906067	?	?	?	?	1.64162	1.64162	0.302771	1.31774	1.31774	0.0920653	1.44179?	?	-2.06348	0.0242307	0.0159	0.0551994	2.04205	2.04205	0.0159	0.705194	2.04205	2.04205	0.0159	0.705194	2.04205	2.04205	0.0159	0.705194	2.04205	2.04205	0.0159	0.705194	2.04205	2.04205	0.0159	0.705194	2.98687	0.64222	2.12215	2.98779	0.290022	2.04205	1
cg08815365	ODZ2	0.06906074	0.0262674	-6.60222	-1.66052	0.667947	0.920326	-1.08657	0.179657	0.760183	-1.31547	0.203265	0.772296	-1.29484	0.190957	0.766121	1.30528	0.849082	0.964012	-1.03733	0.138532	1.35908	1.35908	0.00682684	0.5009557	-1.96249	0.400293	0.847343	-1.18016	2.98686	1.75106	0.521116	1
cg18444544	RHOBTB2;RHOBTB2	0.06906088	0.0115581	0.251624	-3.97419	0.375349	0.671973	-1.48816	0.0849157	0.230421	-4.33989	0.705808	0.814597	-1.18022	0.0533108	0.383209	-2.60954	0.550289	0.767925	-1.30221	0.164428	0.524828	-1.90539	0.147038	0.506648	-1.97376	0.0596073	0.395	-2.53164	2.98683	9.0309	2.68762	1
cg21830711	A;MIR2277	0.06906097	0.19268	1.28509	1.28509	0.629471	0.915353	-1.09248	0.0836097	0.705835	-1.41676	0.0511356	1.49794	1.49794	0.829401	0.961503	-1.04004	0.500632	0.883052	-1.13244	0.924667	1.01736	1.01736	0.0130857	0.571238	-1.75058	0.175058	1.30004	1.30004	2.98682	1.56572	0.465965	1
cg19136385	CKAP5;CKAP5	0.06906725	0.199428	1.28509	1.28509	0.629471	1.13711	1.13711	0.343858	1.15454	1.15454	0.0204172	1.13082	1.13082	0.0876705	1.23513	1.23513	0.1970703	1.22123	1.22123	0.0203272	1.54477	1.54477	0.0154422	1.32443	1.32443	0.127276	1.21299	1.21299	2.98677	0.648516	0.193004	1
cg19656282	TLX2	0.06906752	0.0199707	0.51498	1.34308	0.0966816	0.92501	1.20529	0.281595	0.3872	0.3872	0.115705	0.17038	0.17038	0.00314	0.0800414	0.0314	0.3311261	0.3237	0.3237	0.00198	0.0313204	0.5379236	0.81538	0.53566	0.370542	-2.60875	0.0180972	112.456	0.1770007	19.12	19.12	0.98726	38.6558	1
cg14465769	DLG1;DLG1	0.06906756	0.0445738	3.53365	3.53365	0.371723	0.605339	-1.65197	0.823647	0.885003	-1.12994	0.472314	1.492	1.492	0.154157	2.30464	2.30464	0.2026894	0.3979518	1.12411	1.12411	0.129105	1.46689	1.46689	0.327196	0.789537	-1.26557	0.746073	0.926899	-1.07887	2.987	2.58223	0.768436	1
cg19680845	MAPK4;MAPK4	0.06906804	0.0459489	0.80194	1.24691	0.0790842	0.641675	1.55838	0.0129738	0.24195	2.16515	0.0170608	0.174934	5.71694	0.0127599	0.0759353	13.1678	0.0348748	0.591973	-1.68927	0.0133047	0.519974	-1.92317	0.263408	0.779899	-1.28222	0.586411	1.89469	-1.12427	2.98662	2.15047	0.64003	1
cg23409727	VGLL4	0.06906822	0.715676	1.10502	1.10502	0.16717	0.668976	-1.49482	0.0136615	2.29946	2.29946	0.10962	1.56152	1.56152	0.338297	0.763787	-1.30927	0.524636	0.83861	-1.19245	0.209658	0.697012	-1.4347	0.148746	0.655219	-1.52621	0.114132	1.59868	1.59868	2.9866	3.52523	1.0492	1
cg15609194	HIP1;HIP1	0.06906981	0.138271	0.645145	-1.54998	0.403885	1.26395	1.26395	0.0822	1.58021	1.58021	0.857975	1.16554	1.16554	0.0397294	1.59294	1.59294	0.2145492	0.6144547	0.447536	1.23446	0.3289092	0.7990006	-1.31751	0.179409	0.6274745	-1.59355	0.0244346	0.685881	-1.45313	2.98655	3.55746	1.05881	1
cg03355204	GRIN3B	0.06906987	0.396858	0.828828	1.20652	0.2181	1.32828	1.32828	0.0648025	1.56642	1.56642	0.284591	1.27191	1.27191	0.5793497	1.19009	1.19009	0.0138052	1.93207	1.93207	0.0642922	1.56809	1.56809	0.24301	0.767682	-1.30263	0.344667	0.810035	-1.23451	2.98652	2.12498	0.659253	1
cg08730412	PIGZ	0.06908079	0.0781167	0.580663	-1.72217	0.127091	1.58127	1.58127	0.381767	0.779488	-1.28289	0.313943	1.33538	1.33538	0.0109454	0.411966	-2.42738	0.145038	0.647509	1.54438	0.137248	0.641134	-1.55974	0.188289	0.678992	-1.47277	0.187998	0.678798	-1.47319	2.9865	3.64784	1.08573	1
cg19682024	HEATR4;ACOT1	0.06908097	0.1184464	0.799337	-1.25098	0.0025434	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	1.33948	1.33948	0.0802442	2.98651	1.39924	1.66992	-1.49026	0.0731483	2.5133	2.98645	1.08423	0.33183	1
cg01380104	GPC1	0.06909011	0.0115497	2.06937	2.06937	0.121845	0.679684	-1.47127	0.7591	0.919362	-1.07339	0.357362	1.24353	1.24353	0.046984	0.59243	-1.68796	0.64097	1.89269	-1.11201	0.28544	1.29105	1.29105	0.143034	1.43681	1.43681	0.648771	1.11136	1.11136	2.98645	2.50759	0.746363	1
cg09561853	GAS7;2	0.06909023	0.7959341	0.858803	-1.16453	0.351412	0.646917	-1.54791	0.5141	1.83791	1.83791	0.3411	1.56349	1.56349	0.0199535	0.539564	-1.85335	0.0379536	3.71251	3.71251	0.0004561	2.984893	2.96893	0.0082259	2.39695	2.39695	0.0715666	0.5990369	-1.66848	2.98643	0.816555	2.92183	1
cg05917988	AARS2	0.06909028	0.8464641	1.02945	1.02945	0.156614	0.797048	-1.25463	0.285509	0.78106	-1.28066	0.0873744	1.16776	1.16776	0.538829	1.09753	1.09753	0.5264548	0.908384	-1.10086	0.0112056	0.8848885	-1.46009	0.877414	0.92338	-1.02338	0.786912	1.0441	1.0441	2.98642	1.06011	0.315535	1
cg03841686	MMP15	0.06909094	0.160506	1.29848	1.29848	0.627075	1.09453	1.09453	0.222242	0.799723	-1.25043	0.904268	0.993036	-1.00701	0.253237	1.23108	1.23108	0.929827	0.984772	-1.01546	0.846301	0.518756	-1.92793	0.131724	0.753163	-1.32773	0.227755	0.802049	-1.24681	2.9864	1.43566	0.427319	1
cg16692108	MID1;MID1;MID1;MID1	0.06909407	0.1129607	0.591421	1.69105	0.01548	0.648258	-1.54257	0.0225	0.312465	-3.20048	0.215198	0.310566	-3.22056	0.0213648	0.298982	-3.34507	0.2037683	0.4195759	-2.38298	0.0115364	0.2144	-4.66282	0.0158681	0.4639404	-2.15574	0.0458853	0.3902	-2.56256	2.98639	1.3962	0.7722	0.2563	1
cg25456728	ARSG	0.06909948	0.3089151	0.819251	-1.22063	0.0838357	0.696141	-1.43649	0.646653	1.09132	1.09132	0.527213	0.897711	-1.11394	0.592083	0.902669	-1.10783	0.0406957	1.56416	1.56416	0.918399	0.980786	-1.01959	0.0229555	0.597478	-1.6737	0.0294156	0.615316	-1.62518	2.98638	1.69524	0.504583	1
cg16626318	GOLGA4	0.06909959	0.0287726	0.471228	-2.12213	0.562545	0.791859	-1.26285	0.4023399	0.703606	-1.40725	0.677062	1.1817	1.1817	0.0179353	0.322624	-3.09958	0.1118117	0.508467	-1.9667	0.0317451	0.388642	-2.57308	0.0119355	0.98866	0.0944345	0.480554	-2.08093	2.98636	7.51503	2.23985	1
cg18558647	FAM174B	0.06910111	0.188252	1.327147	-3.05673	0.553825	0.618809	-1.61601	0.0070011	16.3608	16.3608	0.0954259	0.230365	-4.34094	0.0527105	0.171194	-5.84134	0.745227	0.77005	-1.29862	0.694406	1.37224	1.37224	0.86966	1.16401	1.16401	0.904134	1.10138	1.10138	2.98627	10.3771	9.042	1
cg18030679	NUPR1;NUPR1;NUPR1;NUPR1	0.06910132	0.0576344	0.290148	-3.44652	0.762707	0.839849	-1.19069	0.803111	0.865251	-1.15573	0.213209	0.469754	-2.12877	0.00877621	0.146054	-6.84679	0.207759	0.465054	-2.15029	0.00706957	0.134481	-7.43602	0.223798	0.478726	-2.08888	0.23064	0.484419	-2.06433	2.98624	15.7118	4.6768	1
cg05693864	ZDHHC11	0.06910145	0.708441	0.918722	-1.08854	0.554182	0.767363	1.30303	0.0163	1.51652	1.51652	0.0789421	0.857975	-1.16554	0.0397294	0.59294	-1.68796	0.1020045	1.46848	1.46848	0.0249313	1.77337	1.77337	0.424222	0.8392086	-1.19149	0.122599	0.700584	-1.42758	2.98623	1.39	0.648787	1
cg09525112	NKAIN3	0.06910139	0.966041	0.98877	-1.01136	0.0884873	0.43807	2.43807	0.420987	1.24368	1.24368	0.422424	1.24281	1.24281	0.905799	0.969084	-1.0319	0.88586	0.962615	-1.03884	0.0663236	0.570876	-1.72689	0.0376655	0.527514	-1.89568	0.964114	1.01201	1.01201	1.06222	2.98622	3.32813	0.990662	1
cg20975732	KLHL34;KLHL34	0.06910193	0.0605044	0.339625	-2.94477	0.0445	0.618324	-1.61728	0.0126437	1.81804	1.81804	0.0992867	0.576407	-1.73462	0.0199348	0.576407	-1.73462	0.1183804	0.3992885	-2.50467	0.0134254	0.328458	2.87828	0.0264472	1.96907	1.96907	0.0849665	0.6027172	0.4068	2.98621	0.816035	-1.23451	2.98652	2.12498	0.659253	1
cg24506533	RAF1	0.06910243	0.0829304	-7.05928	-1.41658	0.838955	1.00365	1.00365	0.0499061	1.5002	1.5002	0.268779	0.81147	-1.23233	0.105748	0.725787	1.37782	0.252241	1.24225	1.24225	0.404674	0.856716	-1.16725	0.0320591	0.57697	1.57697	0.285937	1.22263	1.22263	2.98622	1.55591	0.463138	1
cg03969025	PRDM15;PRDM15	0.06910247	0.522905	1.1205	1.1205	0.114023	0.739176	-1.35268	0.004824	0.518407	-1.92899	0.629793	0.9182	-1.08909	0.150974	0.763057	1.31052	0.7590454	1.05554	1.05554	0.102219	1.36923	1.36923	0.580719	0.906627	-1.10299	0.237699	0.804661	-1.24276	2.98621	1.46016	0.434639	1
cg02385653	MCM6	0.06910253	0.0535306	0.189541	-5.27407	0.0145498	0.476377	-2.10018	0.0134366	0.562522	-1.77825	0.362125	0.504408	-1.9836	0.0837073	0.407643	-2.45359	0.0159527	0.1858564	-5.38211	0.0020601	0.0976882	-10.2468	0.0024924	0.2091889	-4.78031	0.0012683	0.0962	-10.3929	2.98621	45.4034	12.4253	1
cg02182754	FLOT1	0.06910353	0.7614565	0.878729	-1.13801	0.218336	0.577077	-1.73287	0.764959	1.13577	1.13577	0.494442	1.3426	1.3426	0.0175377	2.293065	-3.41222

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Ratio(1117 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1221 vs. N)	Ratio(1221 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5635 vs. N)	Fold-Change(5635 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg20954562	FFO1;FFO1;PFO1	0.0691956	0.00707062	2.18035	4.16059	0.494168	1.32891	1.32891	0.4430991	0.719499	-1.38986	0.535638	1.29293	1.29293	0.2320506	0.597376	-1.67399	0.473534	1.34792	1.34792	0.382872	1.44269	1.44269	0.0383277	2.67259	2.67259	0.513745	0.762441	-1.31158	2.98464	7.92941	2.36155	1
gi	25012023	B3GNTL1	0.0691965	0.00606427	1.90309	1.90309	0.825212	1.03876	1.03876	0.458803	0.89023	-1.12331	0.597128	1.30964	1.30964		0.357598	1.18515	1.18515	0.126521	1.34553	1.34553	0.0520071	0.672383	-1.48725	0.887001	1.02586	1.02586	2.98462	1.52396	0.453872	1
gi	38534093	THBD	0.0691987	0.53485	0.737897	-1.3552	0.493899	0.714642	-1.3993	0.8221557	0.896509	-1.11544	0.196855	0.516932	-1.93449	0.240178	0.551715	-1.81253	0.258532	0.56546	-1.76947	0.157184	0.481137	-2.07841	0.00533788	5.89943	5.89943	0.140532	0.464538	-2.15268	2.98458	11.0548	3.29242	1
gi	41127704	DICER1;DICER1	0.0691991	0.4438575	0.856631	-1.16795	0.0136763	0.550317	-1.81734	0.0683209	0.6704481	-1.49145	0.555264	0.889708	-1.12396	0.0446829	0.636616	-1.57066	0.187613	0.760704	-1.31457	0.41632	1.17669	1.17669	0.0201317	0.577506	-1.73158	0.702766	1.07798	1.07798	2.98458	1.8133	0.540049	1
gi	02858997	GPR45;GPR45	0.0691991	0.05400752	1.176745	-5.6292	0.293788	2.36469	2.36469	0.652345	1.43105	0.483864	0.904184	-1.10597	0.0291271	0.13106	-7.6301		0.949403	0.951083	-1.05143	0.0163587	0.0983239	-10.1705	0.0464242	0.164832	-6.06679	0.248121	0.385115	-2.59663	2.98458	29.5246	8.79324	1
gi	18324798	DNAH9	0.0691999	0.3340012	0.804502	-1.24301	0.812438	1.05326	1.05326	0.69797	1.08886	1.08886	0.561601	0.879736	-1.1367	0.451922	1.18212	1.18212	0.108591	0.682425	-1.46536	0.181857	1.36258	1.36258	0.0601735	1.58857	1.58857	0.0805529	2.162	2.162	2.98456	2.25294	0.670991	1
gi	18640185	SRA1	0.0692	0.218254	0.354948	-2.81732	0.439997	0.532663	-1.87736	?	?	?	0.736929	1.30951	1.30951	?	?	?	?	0.0969621	4.29337	4.29337	0.253425	2.59596	2.59596	3.13508	21.1745	9.0054	1
gi	38284409	ZNF417;ZNF417	0.0692002	0.821336	1.19278	1.51376	0.615284	1.30546	1.30546	0.5664244	1.20465	1.20465	0.274292	1.36282	1.36282	?	?	?	?	0.00864405	8.01638	?	?	?	?	4.24776	9.38979	2.21053	1
gi	24393669	DENND1B;DENND1B	0.069201	0.974975	0.988025	-1.01212	0.0306443	2.65201	2.65201	0.14921	1.81123	1.81123	0.0312727	2.63914	2.63914	0.174209	0.573841	-1.74264	0.586523	0.808045	-1.2348	0.121404	0.524694	-1.90587	0.19919	1.6837	1.6837	0.32828	0.678732	-1.47334	2.98454	6.97202	2.07648	1
gi	16908552	FAM89A	0.0692011	0.221925	0.494041	-2.02413	0.0165095	0.200116	-4.99709	0.0298546	0.245645	-4.07091	0.298876	0.553534	-1.80657	0.61123	0.754592	-1.32522	0.499522	0.686259	-1.45718	0.00581117	0.137478	-7.27389	0.299415	0.553926	-1.8053	0.0992565	0.37062	-2.69818	2.98454	14.2614	4.24747	1
gi|6.10.3449097	NUDT5	0.0692012	0.0156865	0.754044	-1.32586	0.0442784	0.724798	-1.37969	0.6021459	0.829705	-1.21913	0.0788057	0.892038	-1.12082	0.0894404	0.840732	-1.19013	0.525755	0.940547	-1.06321	0.811807	0.950563	-1.05243	0.0615515	1.10818	2.9845	0.429582	0.127944	1
gi	15043801	DNMT1;DNMT1	0.0692052	0.0115375	0.645138	-1.55006	0.345532	0.873065	-1.14429	0.0833748	1.30462	0.667313	0.94177	-1.06183	0.352123	0.8756	-1.14207		0.0765418	1.31433	1.31433	0.103981	0.781428	-1.27971	0.703647	1.04911	1.04911	0.640195	1.06749	1.06749	2.98447	0.90981	0.270976	1
gi	25340239	C15orf29	0.0692056	0.0407856	0.594584	-2.52835	0.294271	0.636327	-1.52991	0.6658276	0.826958	0.426098	2.34208	0.315597	0.665473	-1.50502	0.0762766	0.460826	-2.17022	0.0720299	0.256038	-3.90566	0.167992	0.561157	-1.7821	0.0205192	0.134072	-2.99337	2.98446	7.29312	2.17223	1
gi	19621160	STIM2;STIM2;STIM2	0.0692083	0.0134133	0.425105	-2.35236	0.233433	0.705376	-1.41768	0.0063407	0.370525	-2.69887	0.70907	0.900588	-1.11039	0.710571	0.801103	-1.10975	0.398793	0.785575	-1.27295	0.089601	0.550835	-1.68681	0.701636	1.11354	1.11354	0.0828264	0.584725	-3.71021	2.98442	3.68915	1.09879	1
gi|26754664	ROBO4	0.0692085	0.689283	0.800985	-1.24846	0.350286	0.588102	-1.70036	0.188131	0.456615	-2.19003	0.132628	0.408216	-2.44968	0.0115523	0.184938	-5.40721	0.504405	0.68795	-1.45359	0.0543184	0.238216	-4.19647	0.0132729	0.573416	0.424163	0.0276015	-3.62299	0.265504	0.526392	-1.89778	2.98441	14.4099	4.29191	1
gi|15556521	CSNK1D;CSNK1D	0.0692087	0.7156431	0.919957	-1.07297	0.0773403	0.697925	-1.43233	0.6268823	0.962913	-1.03818	0.361372	0.896953	-1.03418	0.361372	0.966274	-1.03481	0.0426004	0.830476	-1.20444	0.0163496	0.0242114	-6.01753	0.0134326	0.185486	0.152113	0.0242114	-6.01753	0.0134326	0.185486	0.152113	1
gi	29224379	CLEC16A	0.0692094	0.122844	1.34801	1.34801	0.552651	0.678307	-1.47426	0.255229	0.808816	-1.23637	0.593252	1.1011	1.1011	0.925279	0.983383	-1.0169	0.38882	1.17089	1.17089	0.0153918	1.70098	1.70098	0.076569	0.70336	-1.42175	0.924083	1.01717	1.01717	2.9844	1.50823	0.44922	1
gi	25781582	WWP2;WWP2	0.0692102	0.6356	0.793332	-1.26051	0.2370211	1.82372	1.82372	0.0915734	0.4065151	-2.46234	0.921721	1.04883	1.04883	0.0045743	0.160232	-6.24095	0.1105	0.432002	-2.31449	0.215028	0.531001	-1.88323	0.621583	0.785594	-1.27292	0.0655532	0.368687	-2.71233	2.98438	11.1183	3.31154	1
gi	10780191	ZFP36L1	0.0692113	0.181589	0.6299	-1.58753	0.0236192	0.599558	-1.66788	0.2266502	0.97958	-1.02095	0.876554	0.995052	0.2200057	0.5173197	-1.9335	0.566314	0.143662	2.2341	2.2341	0.306306	0.166205	1.06205	0.148919	2.20666	2.20666	0.107397	0.24559	2.4559	2.98437	12.3573	3.68061	1
gi	40940815	TSPO2;TSPO2	0.0692127	0.231141	0.57849	-1.72864	0.425912	0.701673	-1.42516	0.0104327	0.245338	-4.07602	0.0129616	0.260837	-3.83382	0.0803704	0.429471	-2.32845	0.204031	0.557594	-1.79342	0.256736	0.597007	-1.67502	0.585558	0.786677	-1.27117	0.0200339	0.294386	-3.3969	2.98434	8.97501	2.67322	1
gi	23729331	TMEM32;TMEM32;TMEM22	0.0692137	0.182676	1.42649	1.42649	0.0218398	0.700744	-1.42715	0.0906617	0.3634	-2.75128	0.0179517	0.357792	2.80007	0.0060274	0.126066	7.93237	0.0594447	1.14451	1.14451	0.491146	0.893005	-1.11972	0.504048	0.860524	-1.16202	0.0593991	0.577184	-1.73255	2.98432	2.98202	0.888262	1
gi	16188496	SLC2A5	0.0692159	0.08863672	0.579096	-1.72683	0.730286	0.940246	-1.06355	0.6426824	0.426809	-2.34297	0.0272784	0.467778	-2.13777	0.0402481	0.506243	-1.97534	0.267648	0.73473	-1.36113	0.73211	1.1051	1.1051	0.716198	0.899254	-1.11203	0.0220918	0.450111	-2.22167	2.98428	3.99821	1.19089	1
gi	8081778	PTPRE;PTPRE	0.069217	0.5054821	1.18673	1.18673	0.647159	0.670094	-1.49233	0.3615951	0.710425	-1.40764	0.1528	0.704225	1.42045	0.0162753	0.284408	-3.51677	0.2115464	1.39592	1.39592	0.211331	0.641618	-1.55835	0.0672291	0.845168	-1.18319	0.0672291	0.845168	-1.18319	2.98427	3.05825	1.02383	1
gi	20295571	MAGEA8;MAGEA8;MAGEA8	0.0692175	0.0288875	0.185703	-5.38494	0.6670021	0.261408	-3.82543	0.0985617	0.306126	-3.26662	0.0846736	0.287612	-3.47691	0.0293646	0.186949	-5.34905	0.0985484	0.306109	-3.26681	0.0271943	0.181175	-5.51951	0.883784	1.1003	1.1003	0.0471156	0.226578	-4.41349	2.98426	20.1831	6.01172	1
gi|12648482	TSPO|P	0692191	0.239794	0.25239	1.25239	0.7084	0.933613	-1.07111	0.8077064	1.04559	1.04559	0.222844	1.2639	1.2639	0.109154	0.533109	0.883169	-1.13229	0.0576247	1.48073	1.48073	0.0259449	0.244824	2.14484	0.69785	0.931155	-1.07394	0.417843	1.16343	1.16343	2.98423	1.58	0.470623	1
gi	24358603	C21orf88;C21orf88	0.0692201	0.623652	1.20265	1.20265	0.6295237	0.759344	-1.31736	0.8187767	0.89796	-1.12082	0.354986	0.865536	-1.15592	0.0229574	0.029786	-4.01937	0.0134326	1.51186	1.51186	0.0148954	0.0159755	1.70702	0.0168301	0.867285	-1.15302	0.311708	1.15198	1.15198	2.98423	0.8854745	0.294688	1
gi	17613452	C17orf63;C17orf63 RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAI N;RPAIN;NUP88;RPAIN;RPAIN;RPAIN;R	0.0692212	0.225581	0.884034	-1.13118	0.0608159	1.22715	1.22715	0.250135	1.12344	1.12344	0.199284	0.876904	-1.14038	0.159294	1.15683	1.15683	0.53785	0.941372	-1.06228	0.511781	0.937585	-1.06657	0.121151	0.849783	-1.17677	0.0214339	1.30692	1.30692	2.98419	0.4433358	0.132061	1
gi	1965396	PAIN;RPAIN;RPAIN;RPA	0.0692223	0.614288	0.797011	-1.28368	0.123387	0.498099	-2.28259	0.914697	0.948706	-1.05407	0.717516	0.836262	-1.1958	0.374766	0.639094	-1.56472	0.685607	0.818724	-1.22141	0.161856	0.208354	0.28354	0.0171103	4.1734	4.1734	0.0172025	4.1644	4.1644	2.98417	11.4145	3.4	1
gi	7123655	TNFRSF9	0.0692225	0.166047	0.426047	-2.34811	0.0347396	0.137447	-7.27584	0.0652328	0.303596	-3.29602	0.149733	0.410675	-2.43501	0.017384	0.0574109	-5.30677	0.116143	0.37383	-2.67501	0.0397757	0.254152	-3.93465	0.268362	0.749615	-1.9432	0.469214	0.0543214	-1.52855	2.98417	15.6941	4.67476	1
gi	6698244	HHIP1;HHIP1L	0.0692228	0.0163861	0.33766	3.00774166	0.07514	1.6526	3.6526	0.236884	1.58892	1.58892	0.219771	1.63017	1.63017	0.044153	1.13187	1.13187	0.627418	0.830908	1.2035	0.0413469	0.243794	2.43794	0.700844	1.15742	1.15742	0.127699	1.86589	1.86589	2.98417	6.7788	2.01919	1
gi	14869742	AIPL2	0.0692234	0.29211	0.865284	-1.15569	0.0655144	0.761551	-1.31313	0.0563051	0.751176	-1.33115	0.0526351	0.738179	-1.35379	0.0213748	0.0585267	-3.68165	0.625127	0.816873	0.6655063	0.943968	-1.05991	0.298265	1.15342	1.15342	0.0215741	0.709535	-1.41006	0.0353	0.852225	2.98412	1
gi	14732735	GRAMD3;GRAMD3;GRAMD3;GRAMD3	0.0692236	0.330994	0.644398	-1.55194	0.0960199	0.393437	-2.5417	0.0609323	0.155746	-6.34339	0.0158852	0.340582	-2.93574	0.0102483	0.0856142	-11.6803	0.563934	0.773072	-1.29522	0.0559307	0.390721	-2.55937	0.167499	0.604025	-1.65407	0.0217444	0.605263	-1.65209	2.98415	9.1021	2.73805	1
gi	6568173	SPTBN1;SPTBN1	0.0692246	0.567241	0.831272	-1.20274	0.0025998	0.43586	-2.29432	0.1564504	0.814318	-1.22757	0.315004	0.814378	-1.22974	0.0329786	0.163555	-6.11203	0.0744236	0.254648	-3.92976	0.770989	0.891111	-1.12219	0.866058	0.860895	-1.16205	0.125427	0.519406	-1.92528	2.98405	0.2733	2.19637	1
gi	20991475	TOPBP1	0.069229	0.0107801	0.665143	-1.50344	0.0601092	0.763416	-1.3099	0.918647	1.01309	1.01309	0.423362	0.901143	-1.1097	0.188627	1.194	1.194	0.0594547	1.31104	1.31104	0.333717	0.880804	-1.13533	0.40845	0.897963	-1.11363	0.471796	0.911037	-1.09765	2.98406	0.765816	0.228121	1
gi	17985418	KPNA2	0.0692251	0.1877713	0.515833	-1.93944	0.3044	0.310633	-3.21923	0.6578	1.6578	0.2809452	0.811643	-1.23256	0.0715076	0.0155811	1.23999	1.23999	0.0725545	0.0745445	0.358202	1.07101	1.07101	0.0843453	0.872395	1.14627	1.14627	0.0175054	0.571473	1.74995	2.98406	2.98362	1.02806	0.345964	1
gi	20143565	YPBP	0.0692294	0.124974	2.92704	1.92704	0.199663	1.70711	1.70711	0.13125	0.525405	-1.90329	0.16318	0.555497	-1.80019	0.947093	0.974533	-1.02613	0.0072436	0.254648	-3.92976	0.770989	0.891111	-1.12219	0.866058	0.860895	-1.16205	0.125427	0.519406	-1.92528	2.98405	0.73335	2.19637	1
gi	20157648	DEC92	0.0692302	0.0274397	0.382297	-2.61577	0.167279	1.72057	1.72057	0.95145	1.0227	1.0227	0.679956	1.16522	1.16522	0.00832307	0.2884551	-3.46679	0.474272	0.764719	-1.30767	0.102782	0.537823	-1.85935	0.428534	0.742151	-1.34707	0.140987	0.55786	-1.79256	2.98404	6.42174	1.91292	1
gi	26726589	SOX12;SOX12	0.0692307	0.9844871	1.02027	-1.02027	0.8382625	1.03003	1.03003	0.8164161	1.12868	1.12868	0.454102	1.11796	1.11796	0.5010427	0.8600152	-1.24997	0.8256965	1.03746	1.03746	0.8139756	0.8010025	-1.24907	0.8284736	1.02196	1.02196	0.8544025	1.17486	1.17486	2.98403	0.0547453	0.019228	1
gi	23850281	ZFP69;ZFP69;GPR64;GPR64	0.0692304	0.674295	1.26701	1.26702	0.350374	1.71293	1.71293	0.496689	0.679492	-1.47169	0.333716	0.572198	-1.74765	0.0602632	0.220433	-4.53652	0.332963	1.74927	1.74927	0.0196206	0.459928	-2.17425	0.0351145	0.252986	-3.95278	0.98403	0.18767	4.41363	1
gi	2106894	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NED D4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L PARP9;DTX3L;PARP9;PARP9;PARP9;PARP9;PAR	0.0692316	0.360077	1.535	1.535	0.0769222	2.47869	2.47869	0.0211693	3.59292	3.59292	0.887851	0.936958	-1.06728	0.550838	1.32109	1.32109	0.949126	1.02988	1.02988	0.0248691	0.342881	3.42881	0.0447948	0.345445	-2.89482	0.66841	1.22	1.22	2.98401	10.0644	2.99802	1
gi	11138794	P9;PARP9;DTX3L	0.0692323	0.532692	0.911109	-1.09756	0.683292	1.06229	1.06229	0.894661	1.01971	1.01971	0.167182	1.24225	1.24225	0.0387607	0.702888	-1.4227		0.00553962	0.584527	-1.71078	0.270153	0.844383	-1.1843	0.681635	1.06265	1.06265	0.437779	1.12367	1.12367	2.984	1.02563	0.30552	1
gi	22894353	SCUBE2;SCUBE2	0.0692323	0.288214	0.694989	-1.43838	0.2728877	0.949791	-1.05286	0.9195852	1.03199	1.03199	0.370513	0.872724	-1.14594	0.0217287	0.170496	-5.86483	0.448414	0.891928	-1.1217	0.515021	1.09361	1.09361	0.857632	1.02698	1.02698	0.316601	0.857896	-1.16564	2.984	0.87875	0.308536	1
gi	25554340	BAHCC1	0.0692337	0.0095876	0.441163	-2.26674	0.45158	0.825821	-1.21092	0.213831	0.721372	-1.38625	0.291913	0.723737	-1.38625	0.0291911	0.493615	-2.02587	0.926606	0.977272	-1.02326	0.0136908	0.467323	-2.13985	0.146476	0.677789	-1.47538	0.568379	0.866005	-1.15473	2.98398	2.94247	0.876523	1
gi	11420881	ACAP2;RALBP1;RALBP1;PAPOLB	0.0692341	0.0068201	0.442115	-4.42475	0.0894452	0.138018	0.138018	0.737742	1.27729	1.27729	0.20771	2.63134	2.63134	0.0251596	0.499599	-4.00169	0.0854826	0.39057	-2.56036	0.0163267	0.242741	-4.1425	0.0923114	0.667245	-1.4402	0.130922	0.511795	-1.95391	2.98392	7.97093	2.37449	1
gi	24349400	DGCR14	0.0692447	0.0168404	0.573771	-1.74285	0.0369736	1.586319	-1.58639	0.42572	0.856469	-1.16758	0.0554109	0.661273	-1.51223	0.154776	0.748201	-1.33654	0.437833	0.860062	-1.16271	0.967513	1.00779	1.00779	0.229052	0.786285	-1.2718	0.453092	1.56572	1.56572	2.98379	1.71466	0.510807	1
gi	25104254	CDK15	0.0692448	0.972887	1.01558	1.01558	0.6610551	1.21778	1.21778	0.8381351	0.872459	-1.14635	0.0994335	0.739735	-1.34935	0.0237734	0.0962503	-3.90277	0.0431908	1.34717	1.34717	0.200116	0.540314	-1.85079	0.0218855	0.541274	-1.8459	0.0231	0.567782	-1.76124	2.98376	3.29144	1.09354	1
gi	08490946	PAX6;PAX6;PAX6	0.0692471	0.206006	2.16395	2.16395	0.3110313	0.27031	0.27031	0.0406434	3.92668	3.92668	0.95666	1.03195	1.03195	0.119196	2.66049	2.66049	0.133821	2.54887	2.54887	0.0219017	4.91032	4.91032	0.0654797	3.30801	3.30801	0.7801118	0.850489	-1.17579	2.98375	15.8235	4.71398	1
gi	17487158	KPNA2	0.0692481	0.1877713	0.515833	-1.93944	0.3044	0.310633	-3.21923	0.6578	1.6578	0.2809452	0.811643	-1.23256	0.0715076	0.0155811	1.23999	1.23999	0.0725545	0.0745445	0.358202	1.07101	1.07101	0.0843453	0.872395	1.14627	1.14627	0.0175054	0.571473	1.74995	2.98406	2.98362	1.02806	0.345964	1
gi	20143565	YPBP	0.0692294	0.124974	2.92704	1.92704	0.199663	1.70711	1.70711	0.13125	0.525405	-1.90329	0.16318	0.555497	-1.80019	0.947093	0.974533	-1.02613	0.0072436	0.254648	-3.92976	0.770989	0.891111	-1.12219	0.866058	0.860895	-1.16205	0.125427	0.519406	-1.92528	2.98405	0.73335	2.19637	1
gi	20157648	DEC92	0.0692302	0.0274397	0.382297	-2.61577	0.167279	1.72057	1.72057	0.95145	1.0227	1.0227	0.679956	1.16522	1.16522	0.00832307	0.2884551	-3.46679	0.474272	0.764719	-1.30767	0.102782	0.537823	-1.85935	0.428534	0.742151	-1.34707	0.140987	0.55786	-1.79256	2.98404	6.42174	1.91292	1
gi	26726589	SOX12;SOX12	0.0692307	0.9844871	1.02027	-1.02027	0.8382625	1.03003	1.03003	0.8164161	1.12868	1.12868	0.454102	1.11796	1.11796	0.5010427	0.8600152	-1.24997	0.8256965	1.03746	1.03746	0.8139756	0.8010025	-1.24907	0.8284736	1.02196	1.02196	0.8544025	1.17486	1.17486	2.98403	0.0547453	0.019228	1
gi	23850281	ZFP69;ZFP69;GPR64;GPR64	0.0692304	0.674295	1.26701	1.26702	0.350374	1.71293	1.71293	0.496689	0.679492	-1.47169	0.333716	0.572198	-1.74765	0.0602632	0.220433	-4.53652	0.332963	1.74927	1.74927	0.0196206	0.459928	-2.17425	0.0351145	0.252986	-3.95278	0.98403	0.18767	4.41363	1
gi	2106894	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NED D4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L PARP9;DTX3L;PARP9;PARP9;PARP9;PARP9;PAR	0.0692316	0.360077	1.535	1.535	0.0769222	2.47869	2.47869	0.0211693	3.59292	3.59292	0.887851	0.936958	-1.06728	0.550838	1.32109	1.32109	0.949126	1.02988	1.02988	0.0248691	0.342881	3.42881	0.0447948	0.345445	-2.89482	0.66841	1.22	1.22	2.98401	10.0644	2.99802	1
gi	11138794	P9;PARP9;DTX3L	0.0692323	0.532692	0.911109	-1.09756	0.683292	1.06229	1.06229	0.894661	1.01971	1.01971	0.167182	1.24225	1.24225	0.0387607	0.702888	-1.4227		0.00553962	0.584527	-1.71078	0.270153	0.844383	-1.1843	0.681635	1.06265	1.06265	0.437779	1.12367	1.12367	2.984	1.02563	0.30552	1
gi	22894353	SCUBE2;SCUBE2	0.0692323	0.288214	0.694989	-1.43838	0.2728877	0.949791	-1.05286	0.9195852	1.03199	1.03199	0.370513	0.872724	-1.14594	0.0217287	0.170496	-5.86483	0.448414	0.891928	-1.1217	0.515021	1.09361	1.09361	0.857632	1.02698	1.02698	0.316601	0.857896	-1.16564	2.984	0.87875	0.308536	1
gi	25554340	BAHCC1	0.0692337	0.0095876	0.441163	-2.26674	0.45158	0.825821	-1.21092	0.213831	0.721372	-1.38625	0.291913	0.723737	-1.38625	0.0291911	0.493615	-2.02587	0.926606	0.977272	-1.02326	0.0136908	0.467323	-2.13985	0.146476	0.677789	-1.47538	0.568379	0.866005	-1.15473	2.98398	2.94247	0.876523	1
gi	11420881	ACAP2;RALBP1;RALBP1;PAPOLB	0.0692341	0.0068201	0.442115	-4.42475	0.0894452	0.138018	0.138018	0.737742	1.27729	1.27729	0.20771	2.63134	2.63134	0.0251596	0.499599	-4.00169	0.0854826	0.39057	-2.56036	0.0163267	0.242741	-4.1425	0.0923114	0.667245	-1.4402	0.130922	0.511795	-1.95391	2.98392	7.97093	2.37449	1
gi	20179942	PKD2L2	0.0692354	0.0480306	0.562132	-1.77894	0.0652249	0.707626	-1.41332	0.0208242	0.294924	-3.39115	0.0180824	0.272732	-3.66744	0.0149545	0.178115	-5.61799	0.0431908	0.34717	-2.88041	0.200116	0.540314	-1.85079	0.0218855	0.541274	-1.8459	0.0231	0.567782	-1.76124	2.98376	3.29144	1.09354	1
gi	24349400	DGCR14	0.0692447	0.0168404	0.573771	-1.74285	0.0369736	1.586319	-1.58639	0.42572	0.856469	-1.16758	0.0554109	0.661273	-1.51223	0.154776	0.748201	-1.33654	0.437833	0.860062	-1.16271	0.967513	1.00779	1.00779	0.229052	0.786285	-1.2718	0.453092	1.56572	1.56572	2.98379	1.71466	0.510807	1
gi	25104254	CDK15	0.0692448	0.972887	1.01558	1.01558	0.6610551	1.21778	1.21778	0.8381351	0.872459	-1.14635	0.0994335	0.739735	-1.34935	0.0237734	0.0962503	-3.90277	0.0431908	1.34717	1.34717	0.200116	0.540314	-1.85079	0.0218855	0.541274	-1.8459	0.0231	0.567782	-1.76124	2.98376	3.29144	1.09354	1
gi	08490946	PAX6;PAX6;PAX6	0.0692471	0.206006	2.16395	2.16395	0.3110313	0.27031	0.27031	0.0406434	3.92668	3.92668	0.95666	1.03195	1.03195	0.119196	2.66049	2.66049	0.133821	2.54887	2.54887	0.0219017	4.91032	4.91032	0.0654797	3.30801	3.30801	0.7801118	0.850489	-1.17579	2.98375	15.8235	4.71398	1
gi	11407735	SLC19A3	0.0692498	0.0965332	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12041429	TP53;TP53;TP53;TP53	0.0693593	0.821809	0.923882	-1.08239	0.0088415	0.310452	-3.22111	0.170461	0.599096	-1.66918	0.452079	1.30849	1.30849	0.0713537	0.493209	-2.02754
cg22702922	EPHB2;EPHB2	0.0693618	0.71784	0.942725	-1.06075	0.802959	1.04147	1.04147	0.0315268	0.663725	-1.50665	0.433093	1.13885	1.13885	0.926402	1.01513	1.01513
cg10147027	C1orf229;C1orf229	0.0693623	0.960763	0.991264	-1.00881	0.00599942	0.527029	-1.89743	0.0249211	0.621249	-1.60966	0.607652	0.911769	-1.09677	0.85236	0.967316	-1.03379
ch.7.2535718F	PTPRZ1	0.0693625	0.0236505	0.162688	-6.14673	0.0670073	0.25159	-3.97472	0.110608	0.310821	-3.21729	0.00863763	0.105351	-9.49204	?	?	?
cg23163471	SVIL	0.0693628	0.554597	0.88334	-1.13207	0.610377	0.89884	-1.11255	0.873533	0.967481	-1.03361	0.963697	0.990598	-1.00949	0.783002	0.944313	-1.05897
cg09916810	MAPK8IP3;MAPK8IP3	0.069365	0.484101	0.835216	-1.1973	0.0983635	0.631893	-1.58255	0.0291176	0.521444	-1.91775	0.820785	1.05914	1.05914	0.124677	0.656432	-1.52339
cg10092652	CH25H	0.0693653	0.727088	0.953903	-1.04833	0.314773	0.869344	-1.15029	0.124943	0.799541	-1.25072	0.853131	1.02528	1.02528	0.392224	1.12532	1.12532
cg00709805	RAD51L1;RAD51L1;RAD51L1	0.0693671	0.65864	0.928626	-1.07686	0.704656	0.938545	-1.06548	0.532226	1.11112	1.11112	0.0103231	1.71291	1.71291	0.802036	0.959024	-1.04273
cg09238049	CACNA1H;CACNA1H	0.0693709	0.206918	0.583339	-1.71427	0.320617	0.659976	-1.51521	0.0103821	0.270626	-3.69514	0.666163	0.83882	-1.19215	0.120229	0.505342	-1.97886
cg05043025	ADARB2	0.0693717	0.0251181	0.168797	-5.92427	0.25247	2.22176	2.22176	0.598045	1.42662	1.42662	0.470204	0.612242	-1.63334	0.018639	0.148878	-6.71692
cg21575584	RPL36;RPL36;RPL36	0.0693744	0.676521	0.969587	-1.03137	0.438423	0.943484	-1.0599	0.737374	1.02508	1.02508	0.855066	0.986631	-1.01355	0.0160774	0.805056	-1.24215
cg02832305	FCGR2C	0.0693748	0.0765483	0.354771	-2.81872	0.325727	1.70534	1.70534	0.668597	1.25423	1.25423	0.387496	1.59348	1.59348	0.00483177	0.139981	-7.14381
cg27309282	FGFRL1;FGFRL1;FGFRL1	0.0693762	0.893309	1.02814	1.02814	0.824516	1.04699	1.04699	0.445147	0.851335	-1.17463	0.0272903	1.7162	1.7162	0.202111	1.32115	1.32115
cg24452366	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;ZCRB1;PPHLN1	0.0693764	0.736664	1.19424	1.19424	0.407426	0.638421	-1.56637	0.89	1.07541	1.07541	0.319287	1.72817	1.72817	0.465762	0.675465	-1.48046
cg00423729	SLC36A1	0.0693787	0.0612628	0.730345	-1.36922	0.371071	1.14667	1.14667	0.232133	0.829671	-1.2053	0.785186	1.04155	1.04155	0.0628984	0.73213	-1.36588
cg25323152	GOT1L1	0.0693788	0.166598	0.631366	-1.58387	0.00585009	0.324641	-3.08032	0.0300985	0.451418	-2.21524	0.792244	1.0858	1.0858	0.026652	0.440842	-2.26839
cg04712361	SLC12A9	0.0693788	0.835726	0.960502	-1.04112	0.308422	0.81497	-1.22704	0.258702	0.795556	-1.25698	0.63311	0.910886	-1.09783	0.844248	1.03891	1.03891
cg07545081	FAM53B	0.0693795	0.16491	2.11661	2.11661	0.00527032	6.43594	6.43594	0.0270467	3.76149	3.76149	0.352676	1.62262	1.62262	0.838055	0.901607	-1.10913
cg14611112	LCN6	0.0693809	0.882655	0.935326	-1.06915	0.417764	0.687397	-1.45476	0.111642	0.456426	-2.19093	0.0625854	0.387275	-2.58215	0.0421348	0.346499	-2.88601
cg18842363	C6orf47	0.0693819	0.0333916	0.380702	-2.62672	0.79793	1.1048	1.1048	0.0671111	0.450593	-2.2193	0.514929	1.29242	1.29242	0.0399375	0.397536	-2.5155
cg14848289	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.0693819	0.449053	0.631313	-1.584	0.0882407	3.06965	3.06965	0.0196296	5.37036	5.37036	0.19966	2.24317	2.24317	0.149956	0.39842	-2.50992
cg21678461	DBX1	0.0693843	0.0175137	7.60814	7.60814	0.459531	1.69639	1.69639	0.562092	1.50888	1.50888	0.15014	0.338708	-2.95239	0.452799	0.584642	-1.71045
cg02311180	RAB40C	0.0693868	0.657757	1.0884	1.0884	0.048164	0.651112	-1.53584	0.0126688	0.555022	-1.80173	0.17101	1.31911	1.31911	0.318873	1.2162	1.2162
cg25224543	MOCS2;MOCS2	0.0693885	0.811669	1.02761	1.02761	0.408112	1.10137	1.10137	0.0903911	1.23731	1.23731	0.745101	0.963457	-1.03793	0.178795	0.849591	-1.17704
cg23403072	CSAG1;MAGEA12;CSAG1;MAGEA12;MAGEA12	0.0693907	0.719048	0.83173	-1.20231	0.138302	0.443131	-2.25667	0.0654114	0.348257	-2.87144	0.109773	0.410991	-2.43314	0.0082467	0.178475	-5.60303
cg11341215	MCCC1	0.0693946	0.983043	0.992702	-1.00735	0.0324309	0.421858	-2.37047	0.123168	0.562365	-1.77821	0.951075	0.979074	-1.02137	0.00394327	0.262733	-3.80614
cg26437697	SAMD4A;SAMD4A	0.069395	0.0634584	0.308313	-3.24346	0.010109	6.23138	6.23138	0.198764	2.15038	2.15038	0.650535	0.773268	-1.29321	0.250223	0.507916	-1.96883
cg03275851	IGF2BP2;IGF2BP2	0.0693961	0.0235312	0.213674	-4.68002	0.142163	0.406437	-2.46041	0.829099	0.883964	-1.13127	0.212361	0.472622	-2.11586	0.00604946	0.129291	-7.73451
cg26094805	TBCD	0.0693968	0.909536	0.974825	-1.02582	0.875331	1.03585	1.03585	0.594705	0.886516	-1.12801	0.963335	1.01037	1.01037	0.0101775	0.483381	-2.06876
cg14205001	NOTCH1	0.0693979	0.574632	0.737968	-1.35507	0.00168378	0.09021	-11.0852	0.0454183	0.292408	-3.41988	0.789085	0.866179	-1.1545	0.280651	0.548324	-1.82374
cg07383076	ABCC11;ABCC11;ABCC11	0.0693993	0.0894255	0.392223	-2.54957	0.0163227	0.230508	-4.33824	0.0157737	0.228009	-4.3858	0.929916	0.956989	-1.04494	0.104155	0.411516	-2.43004
cg20465143	C8orf73	0.0694001	0.987302	0.993807	-1.00623	0.0721548	2.18889	2.18889	0.774306	0.893845	-1.11876	0.0782524	2.14603	2.14603	0.318236	1.49582	1.49582
cg11733222	LOC399744	0.0694021	0.414566	0.870482	-1.14879	0.4905	0.890044	-1.12354	0.00806946	0.568743	-1.75826	0.426736	0.873743	-1.1445	0.123214	0.75751	-1.32012
cg00656420	KLC4;KLC4;KLC4;KLC4	0.0694032	0.0235112	0.488748	-2.04605	0.0485588	1.81529	1.81529	0.337534	0.769792	-1.29905	0.287484	1.33943	1.33943	0.468048	0.82252	-1.21578
cg13646917	PTPRJ;PTPRJ	0.0694041	0.166062	0.611418	-1.63554	0.0506281	0.476193	-2.09999	0.395133	1.33657	1.33657	0.932568	1.02859	1.02859	0.0129159	0.357706	-2.79559
cg18121190	INPP5A	0.0694047	0.0933814	0.386574	-2.58682	0.927815	1.04777	1.04777	0.359663	0.61568	-1.62422	0.240787	0.531292	-1.8822	0.0028421	0.120532	-8.29652
cg09810089	RD3;RD3	0.0694062	0.036976	3.47602	3.47602	0.00507289	6.7216	6.7216	0.925907	0.953289	-1.049	0.382764	1.5846	1.5846	0.0980671	2.5428	2.5428
cg22335490	EPB41L3	0.0694076	?	?	?	0.0663584	2.83192	2.83192	0.163001	0.471055	-2.1229	0.740304	1.18312	1.18312	0.0895349	2.57619	2.57619
cg20454002	HLX	0.069409	0.291846	2.05907	2.05907	0.0471002	4.48386	4.48386	0.321582	1.96649	1.96649	0.250434	0.452445	-2.21021	0.0591732	0.244903	-4.08325
cg13736068	KCNAB1;KCNAB1;KCNAB1;KCNAB1	0.0694095	0.27941	0.863361	-1.15826	0.00766073	0.639022	-1.56489	0.716803	0.953521	-1.04875	0.395572	0.892548	-1.12039	0.536758	1.08516	1.08516
cg02238069	FKBP4	0.0694116	0.222763	0.792624	-1.26163	0.0927913	1.39863	1.39863	0.128995	1.3466	1.3466	0.0179374	0.593479	-1.68498	0.869378	0.970586	-1.03031
cg01972751	OLIG3	0.0694135	0.175502	0.287862	-3.47388	0.293013	2.56756	2.56756	0.78204	0.786836	-1.27091	0.32639	0.416501	-2.40095	0.288308	0.385623	-2.59321
cg10064525	FNDC7	0.0694135	0.0149869	0.274926	-3.63734	0.434346	0.708645	-1.41114	0.784539	1.12561	1.12561	0.0199424	0.297349	-3.36305	0.537369	0.76365	-1.3095
cg03987506	OXTR	0.0694177	0.9487	1.04634	1.04634	0.0481906	4.90131	4.90131	0.00304115	17.4317	17.4317	0.597635	0.687321	-1.45492	0.798544	0.835233	-1.19727
cg21719344	KIAA1949;KIAA1949	0.0694182	0.0793188	1.96237	1.96237	0.068322	2.02666	2.02666	0.264028	1.49623	1.49623	0.326389	1.42004	1.42004	0.509226	0.793155	-1.26079
cg24881205	SP8;SP8	0.0694185	0.414852	2.73143	2.73143	?	?	?	0.973004	0.960025	-1.04164	0.133669	7.03026	7.03026	0.477899	0.418998	-2.38664
cg05343021	ILF3;ILF3;ILF3;ILF3;ILF3	0.0694227	0.932998	0.970481	-1.03042	0.342083	1.41739	1.41739	0.147695	1.73933	1.73933	0.0497877	2.21975	2.21975	0.841593	0.931177	-1.07391
cg20319308	NVL;NVL	0.0694248	0.762814	0.95801	-1.04383	0.537836	1.09244	1.09244	0.0133771	1.54374	1.54374	0.217676	0.832101	-1.20178	0.494786	1.10324	1.10324
cg20481287	BCL2L14;BCL2L14;BCL2L14;BCL2L14;BCL2L14	0.0694256	0.0268426	0.118419	-8.44459	0.260261	0.384665	-2.59967	0.174729	0.30899	-3.23635	0.189125	0.322442	-3.10133	0.0186	0.0981321	-10.1904
cg21494097	LARGE;LARGE	0.0694267	0.923565	0.978552	-1.02192	0.0627457	1.60495	1.60495	0.689885	1.09485	1.09485	0.607481	0.889532	-1.12419	0.00417963	0.420185	-2.3799
cg18839746	COL9A3	0.0694268	0.031904	0.530059	-1.88658	0.0523326	1.74561	1.74561	0.0741657	1.65257	1.65257	0.185825	0.701773	-1.42496	0.610516	0.878378	-1.13846
cg11268983	PCDHA7;PCDHA13;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1	0.0694271	0.0240475	26.2422	26.2422	0.0457442	16.1283	16.1283	0.0813243	10.4421	10.4421	0.38613	2.94064	2.94064	0.14583	6.65772	6.65772
cg15153800	ATAD3A;ATAD3A;ATAD3A	0.0694279	0.00302178	0.329859	-3.0316	0.574603	0.856642	-1.16735	0.593757	0.863381	-1.15824	0.965521	0.988275	-1.01186	0.0252292	0.483795	-2.06699
cg16049391	BNC1	0.0694289	0.0822676	3.69618	3.69618	0.110588	0.307048	-3.25682	0.395379	0.553706	-1.80601	0.954657	0.962121	-1.03937	0.0404342	4.98993	4.98993
cg04007792	DLGAP2	0.0694293	0.146336	0.374719	-2.66866	0.342341	0.540169	-1.85127	0.995602	0.996537	-1.00348	0.199943	0.426398	-2.34523	0.0110988	0.134722	-7.42271
cg07797261	S100Z	0.0694331	0.772019	1.07239	1.07239	0.00584939	0.419796	-2.38211	0.0723827	0.617341	-1.61985	0.924775	0.977537	-1.02298	0.127264	0.672515	-1.48696
cg14430629	RNF112	0.0694348	0.590824	0.91002	-1.09888	0.399249	1.16174	1.16174	0.0296376	1.56017	1.56017	0.81958	0.961089	-1.04049	0.21417	1.25508	1.25508
cg02004872	TMSB4Y;TMSB4Y	0.0694365	0.0793227	0.153202	-6.52733	0.447575	0.474497	-2.1075	0.995013	0.993999	-1.00604	0.148694	4.44509	4.44509	0.331634	2.62399	2.62399
cg14505439	RAPGEF1	0.0694382	0.151175	0.702381	-1.42373	0.719398	1.08639	1.08639	0.0152436	0.504388	-1.9826	0.089071	0.650065	-1.53831	0.0217182	0.531085	-1.88294
cg26015133	FCRLB	0.0694386	0.550116	0.875829	-1.14178	0.706677	0.920443	-1.08643	0.3001	0.790199	-1.2655	0.800418	0.945966	-1.05712	0.383983	0.82222	-1.21622
cg03050663	RNPEPL1	0.0694389	0.565452	0.893868	-1.11873	0.0138457	1.79918	1.79918	0.0152799	1.77738	1.77738	0.319577	1.21972	1.21972	0.763688	1.05995	1.05995
cg02206375	OSBPL7	0.069439	0.232536	0.472663	-2.11567	0.0298588	0.216581	-4.61721	0.0367539	0.234032	-4.27291	0.349115	0.561607	-1.78061	0.00744795	0.127094	-7.86821
cg12433831	SLC30A7;SLC30A7	0.0694403	0.00769561	0.165405	-6.04575	0.309046	0.575136	-1.73872	0.508142	0.702763	-1.42296	0.202262	0.492927	-2.0287	0.0272447	0.253357	-3.94699
cg06640552	MGAT4C	0.069442	0.942692	0.983132	-1.01716	0.281114	0.767149	-1.30353	0.00176208	0.348428	-2.87003	0.991055	0.997351	-1.00266	0.637471	1.11887	1.11887
cg06369833	PRX;PRX	0.0694425	0.0570183	3.05601	3.05601	0.42621	0.660544	-1.5139	0.570532	0.746665	-1.33929	0.0186618	0.224046	-4.46337	0.0256921	0.25019	-3.99697
cg01094683	TBC1D16	0.0694435	0.335472	0.771224	-1.29664	0.00370134	0.358491	-2.78947	0.0619429	0.577076	-1.73287	0.946117	1.01784	1.01784	0.114768	0.63853	-1.5661
cg06764333	EYA4;EYA4;EYA4	0.0694437	0.28844	0.666459	-1.50047	0.101378	1.93567	1.93567	0.310585	1.47155	1.47155	0.0533301	0.44565	-2.24391	0.805064	0.912974	-1.09532
cg14761916	PCCB	0.0694437	0.00802452	0.761529	-1.31315	0.537322	1.05137	1.05137	0.781379	0.977935	-1.02256	0.356319	0.926733	-1.07906	0.935753	1.00649	1.00649
cg06464066	REPS2;REPS2	0.0694438	0.12795	0.19355	-5.16663	0.0484803	0.105458	-9.48248	0.624918	0.611599	-1.63506	0.0686316	7.64342	7.64342	0.0828566	6.79689	6.79689
cg20098993	PLA2G7;PLA2G7	0.0694456	0.514823	0.825578	-1.21127	0.0156425	0.423174	-2.36309	0.00449747	0.333194	-3.00126	0.867184	1.04977	1.04977	0.134899	0.626422	-1.59637
cg04774096	HECTD1	0.0694458	0.0222556	0.719667	-1.38953	0.779873	0.96692	-1.03421	0.0271144	0.730456	-1.36901	0.265691	1.14942	1.14942	0.267828	1.14865	1.14865
cg23932491	EMX2OS	0.0694459	0.064017	0.130708	-7.65066	0.0874524	0.158126	-6.32405	0.124909	0.197143	-5.07247	0.0378453	0.094986	-10.5279	0.011254	0.0448688	-22.2872
cg16714055	GATA5	0.0694472	0.441259	0.764797	-1.30754	0.576076	0.824574	-1.21275	0.453282	1.29807	1.29807	0.867446	1.0587	1.0587	0.678007	1.15323	1.15323
cg14378593	ACVR1B;ACVR1B;ACVR1B	0.0694488	0.0974928	0.837475	-1.19407	0.343901	0.909281	-1.09977	0.286298	0.89762	-1.11406	0.390611	1.08959	1.08959	0.405484	1.08656	1.08656
cg23166970	MCCC1	0.0694488	0.0182695	0.42523	-2.35167	0.080791	0.56101	-1.7825	0.559895	0.838634	-1.19241	0.062059	1.87221	1.87221	0.335115	1.34543	1.34543
cg11071207	ALX3	0.0694494	0.0361709	14.8167	14.8167	0.0542784	11.2095	11.2095	0.0251789	19.0305	19.0305	0.202349	4.43453	4.43453	0.0644311	9.96238	9.96238
cg15825725	ANKRD42	0.0694505	0.00924327	0.600188	-1.66614	0.111447	1.30724	1.30724	0.0394164	1.44514	1.44514	0.74581	0.950979	-1.05155	0.576841	1.09102	1.09102
cg20141359	OR5V1	0.0694527	0.123713	0.619401	-1.61446	0.337504	0.752707	-1.32854	0.158285	0.648348	-1.54238	0.35248	0.75966	-1.31638	0.0712783	0.560576	-1.78388
cg22264014	VGLL2;VGLL2	0.0694529	0.974319	0.99479	-1.00524	0.0734834	0.723352	-1.38245	0.0545909	1.42457	1.42457	0.351077	1.16854	1.16854	0.44551	0.881428	-1.13452
cg24854430	ENPP6	0.0694544	0.281247	0.506594	-1.97397	0.0208229	0.184655	-5.41549	0.0609892	0.277409	-3.60479	0.498885	0.659112	-1.51719	0.0180062	0.174627	-5.72651
cg10988368	ASCL2	0.0694546	0.177595	1.94332	1.94332	0.00489898	5.63492	5.63492	0.043211	2.94011	2.94011	0.140871	2.08436	2.08436	0.325663	1.60097	1.60097
cg18698690	TMCC1;TMCC1	0.0694554	?	?	?	?	?	?	0.165489	2.09962	2.09962	0.0571537	0.336426	-2.97242	0.0124639	0.202113	-4.94772
cg00563229	XKR8	0.0694567	0.0714813	9.7917	9.7917	0.012194	34.478	34.478	0.216415	4.3686	4.3686	0.0759676	9.37903	9.37903	0.147414	5.82436	5.82436
cg25195100	ARFGAP1;ARFGAP1	0.069458	0.318388	0.885699	-1.12905	0.616614	0.94232	-1.06121	0.77657	0.967067	-1.03405	0.936277	1.00946	1.00946	0.309394	0.883546	-1.1318
cg18683604	TRIM9;TRIM9	0.0694594	0.190765	1.42673	1.42673	0.0891356	0.618216	-1.61756	0.717288	1.09777	1.09777	0.227741	1.38375	1.38375	0.937508	0.980086	-1.02032
cg16490096	MYCL1;MYCL1;MYCL1;MYCL1;MYCL1;MYCL1	0.0694603	0.0516423	1.96964	1.96964	0.627185	1.16158	1.16158	0.30806	1.38109	1.38109	0.859192	0.947108	-1.05585	0.0814955	0.553822	-1.80563
cg23631321	LRRK1	0.0694613	0.0761347	0.301929	-3.31204	0.0126665	0.152519	-6.55655	0.108782	0.345963	-2.89048	0.428875	0.612568	-1.63247	0.153919	0.396005	-2.52522
cg12488346	PRC1;PRC1;PRC1	0.0694616	0.236193	0.629366	-1.5889	0.0994083	0.509795	-1.96157	0.104843	0.51623	-1.93712	0.139912	0.552947	-1.80849	0.292603	0.665438	-1.50277
cg05969496	C1orf14	0.0694622	0.125382	0.40618	-2.46196	0.0496027	0.2962	-3.3761	0.111984	0.390599	-2.56017	0.029061	0.247239	-4.04467	0.0342736	0.261451	-3.82481
cg06820197	MSH5;MSH5;MSH5;MSH5	0.0694623	0.0212315	1.43915	1.43915	0.0440119	0.737714	-1.35554	0.985017	1.00247	1.00247	0.188514	1.20098	1.20098	0.0922541	1.27581	1.27581
cg07569385	GJB2	0.0694631	0.044243	3.16478	3.16478	0.0148582	4.45357	4.45357	0.152864	2.14515	2.14515	0.863762	1.08939	1.08939	0.128327	2.26931	2.26931
cg06765172	MYH9	0.0694635	0.550534	0.86494	-1.15615	0.865561	0.960111	-1.04155	0.181855	0.711458	-1.40556	0.84154	1.04926	1.04926	0.217337	0.732129	-1.36588
cg12467223	ROR1;ROR1	0.0694651	0.322734	0.806653	-1.23969	0.571662	0.886716	-1.12776	0.0610391	0.641413	-1.55906	0.361983	0.821107	-1.21787	0.495544	0.864533	-1.15669
cg06767142	MACROD1	0.0694653	0.0280944	4.18927	4.18927	0.172913	2.22784	2.22784	0.165609	2.26297	2.26297	0.0326393	3.97821	3.97821	0.93414	1.0467	1.0467
cg23222057	FHIT;FHIT	0.0694663	0.0288296	0.125356	-7.97731	0.0981503	0.231891	-4.31238	0.0441191	0.155175	-6.44434	0.107306	0.242662	-4.12097	0.059292	0.179907	-5.55842
cg07116997	HOXA11AS;HOXA11	0.0694688	0.208101	0.816217	-1.22516	0.560426	1.09426	1.09426	0.0140449	0.628776	-1.59039	0.160594	1.25776	1.25776	0.554833	0.912655	-1.0957
cg01674874	MAGIX;MAGIX;MAGIX	0.0694708	0.0573475	0.254608	-3.92761	0.120947	0.342976	-2.91566	0.307042	0.510246	-1.95984	0.228075	0.447068	-2.23679	0.167162	0.391784	-2.55243
cg23302649	C14orf23;C14orf23	0.069471	0.11767	10.3876	10.3876	0.631548	1.93059	1.93059	0.113736	0.093377	-10.7093	0.112923	10.7783	10.7783	0.134954	9.18176	9.18176
cg12354729	ZFP64;ZFP64;ZFP64;ZFP64	0.0694716	0.44259	0.850918	-1.1752	0.396577	1.19604	1.19604	0.381222	1.20346	1.20346	0.387552	0.833078	-1.20037	0.0145388	0.537554	-1.86028
cg09473455	CD164L2	0.0694716	0.449983	0.790225	-1.26546	0.070512	0.538905	-1.85562	0.348472	0.74437	-1.34342	0.148484	0.622501	-1.60642	0.0065081	0.339064	-2.9493
cg13067634	MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;MUTYH	0.0694727	0.0237467	0.359244	-2.78362	0.809502	1.09593	1.09593	0.376657	0.708862	-1.41071	0.0670006	0.458989	-2.1787	0.0964554	0.500457	-1.99817
cg27171564	SYT1;SYT1;SYT1	0.0694731	0.838312	1.07369	1.07369	0.149095	0.583675	-1.71328	0.0204655	0.378364	-2.64296	0.133428	1.75654	1.75654	0.290259	0.682526	-1.46515
cg03226425	C6orf70;TCTE3	0.0694735	0.0905987	0.778271	-1.2849	0.764868	1.04115	1.04115	0.0143789	1.50031	1.50031	0.760091	0.959658	-1.04204	0.52734	1.08992	1.08992
cg16479173	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.0694739	0.0395495	0.550012	-1.81814	0.129009	0.662371	-1.50973	0.0777393	1.63605	1.63605	0.993828	1.00194	1.00194	0.25628	1.34657	1.34657
cg00583332	EIF4G3	0.0694749	0.0996388	1.4289	1.4289	0.264146	1.25885	1.25885	0.31266	0.813385	-1.22943	0.0141152	0.549313	-1.82046	0.453641	1.16296	1.16296
cg17278472	TOM1L2;TOM1L2	0.0694754	0.250964	0.872411	-1.14625	0.22238	0.864224	-1.15711	0.145993	0.837272	-1.19436	0.0470033	1.29525	1.29525	0.153609	1.18988	1.18988
cg12269161	HIVEP2	0.0694759	0.0311421	0.278171	-3.59491	0.289712	0.573568	-1.74347	0.581152	0.754371	-1.32561	0.12596	0.43277	-2.3107	0.636676	0.786092	-1.27212
cg07992659	BMPER	0.0694783	0.42351	1.5426	1.5426	0.0121975	5.23899	5.23899	0.0291595	3.90827	3.90827	0.74429	1.18953	1.18953	0.189334	0.478407	-2.09027
cg05161923	ETV6	0.0694789	0.635913	1.1709	1.1709	0.0223702	2.47295	2.47295	0.251146	1.48687	1.48687	0.375809	1.35081	1.35081	0.00890556	0.332515	-3.00738
cg05197551	HPS5;HPS5;HPS5	0.0694794	0.584742	0.729319	-1.37114	0.54529	0.704594	-1.41926	0.432653	0.632534	-1.58094	0.275508	0.522633	-1.91339	0.0491587	0.276803	-3.61267
cg05158165	FOXO3;FOXO3	0.0694832	0.0231457	0.514252	-1.94457	0.86116	1.04381	1.04381	0.394164	1.23833	1.23833	0.498711	0.845176	-1.18319	0.0105323	0.454636	-2.19956
cg13671890	VSIG10	0.0694848	0.146437	1.35473	1.35473	0.667275	0.919217	-1.08788	0.181143	1.31852	1.31852	0.502985	1.14156	1.14156	0.00461933	2.08347	2.08347
cg12741539	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;ZCRB1;PPHLN1	0.0694852	0.00513294	0.48768	-2.05052	0.554675	1.12308	1.12308	0.799019	0.951646	-1.05081	0.0147933	0.558456	-1.79065	0.797687	0.951326	-1.05116
cg04591623	MGST1;MGST1;MGST1;MGST1	0.0694853	0.403218	0.894378	-1.1181	0.643601	1.06269	1.06269	0.0193926	0.691498	-1.44614	0.426811	1.11169	1.11169	0.251927	0.855401	-1.16904
cg10491460	CASZ1;CASZ1	0.0694856	0.502014	0.821607	-1.21713	0.02691	2.1293	2.1293	0.037588	2.00508	2.00508	0.112003	0.607087	-1.64721	0.629547	0.869211	-1.15047
cg27203924	ADAMTS9	0.0694859	0.0352275	0.189302	-5.28257	0.818417	1.16889	1.16889	0.686329	1.3172	1.3172	0.335192	0.50945	-1.9629	0.0153284	0.132681	-7.53688
cg14773480	CD38	0.0694888	0.158871	0.690299	-1.44865	0.730633	0.918456	-1.08878	0.0834622	0.624022	-1.60251	0.598561	0.87743	-1.13969	0.0073249	0.427016	-2.34183
cg24327397	WHAMM;WHAMM	0.0694892	0.368914	1.21436	1.21436	0.267175	1.27543	1.27543	0.119033	1.4277	1.4277	0.395721	0.832727	-1.20087	0.64842	0.907908	-1.10143
cg19813284	ZBTB17	0.0694904	0.0334415	0.540337	-1.8507	0.314791	1.29367	1.29367	0.223407	0.728425	-1.37282	0.889588	1.03501	1.03501	0.0230646	0.510107	-1.96037
cg09566894	TSHZ2	0.0694916	0.284683	0.609116	-1.64172	0.607298	0.793543	-1.26017	0.294288	0.61555	-1.62456	0.380709	1.49346	1.49346	0.0287526	0.316447	-3.16009
cg17613810	FAM20C	0.0694922	0.934023	1.02284	1.02284	0.0891102	1.66771	1.66771	0.0625848	1.77119	1.77119	0.908854	1.03173	1.03173	0.721793	1.10244	1.10244
cg12390081	EXOC2	0.0694945	0.758075	1.0961	1.0961	0.00259636	0.289548	-3.45366	0.78928	0.923527	-1.08281	0.41874	0.78239	-1.27814	0.103792	0.58959	-1.69609
cg14865516	PAIP1;PAIP1;PAIP1	0.0694947	0.0729119	0.31231	-3.20195	0.139442	2.52247	2.52247	0.847446	0.894005	-1.11856	0.378902	0.591457	-1.69074	0.00464757	0.111908	-8.9359
cg04157726	CCDC74A	0.0694957	0.157454	0.637952	-1.56752	0.0354726	0.482877	-2.07092	0.144944	0.627838	-1.59277	0.493304	0.813128	-1.22982	0.00670077	0.351454	-2.84532
cg16402822	SLIT3	0.0694965	0.821007	0.930416	-1.07479	0.47927	1.25723	1.25723	0.818414	1.07594	1.07594	0.00209397	0.252159	-3.96575	0.329658	1.37737	1.37737
cg12708287	DIO1;DIO1;DIO1;DIO1	0.0694969	0.0309091	0.210656	-4.74707	0.105468	0.337205	-2.96556	0.0646312	0.279244	-3.5811	0.112859	0.346223	-2.88831	0.00605707	0.110458	-9.05324
cg20305595	H6PD	0.0694977	0.0394598	0.754315	-1.32571	0.115523	0.816683	-1.22447	0.0116316	0.688464	-1.45251	0.805769	0.971262	-1.02959	0.00868192	0.673077	-1.48571
cg20727124	C21orf130	0.0694981	0.78842	0.92628	-1.07959	0.0355219	2.00733	2.00733	0.479565	0.814953	-1.22706	0.95831	1.01499	1.01499	0.0944405	0.592505	-1.68775
cg12918473	WNT2;WNT2	0.0694981	0.0234306	8.08657	8.08657	0.544453	1.60571	1.60571	0.473043	1.75662	1.75662	0.931129	1.06901	1.06901	0.213451	2.74937	2.74937
cg21960828	TADA2B	0.0694995	0.487085	0.906555	-1.10308	0.0550573	0.73917	-1.35287	0.573147	1.08231	1.08231	0.165542	0.814248	-1.22813	0.103432	0.780784	-1.28076

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12041429	0.182412	0.608563	-1.64321	0.351296	0.714141	-1.40028	0.402287	1.35099	1.35099	0.0244898	0.390421	-2.56134	2.98181	5.81712	1.73411	1
cg22702922	0.145215	1.28949	1.28949	0.00575088	1.80095	1.80095	0.625834	0.923236	-1.08315	0.766965	0.952845	-1.04949	2.98176	1.24759	0.371916	1
cg10147027	0.889205	1.02517	1.02517	0.683104	0.929407	-1.07595	0.222676	0.795677	-1.25679	0.0212072	0.610104	-1.63907	2.98176	1.50235	0.447863	1
ch.7.2535718F	0.618521	0.713616	-1.40131	0.147711	0.352055	-2.84046	0.333973	0.511823	-1.9538	0.0691834	0.254979	-3.92189	3.02092	19.213	6.35998	1
cg23163471	0.758885	1.06598	1.06598	0.00100083	0.362781	-2.75648	0.961354	0.989994	-1.01011	0.863792	1.03628	1.03628	2.98175	2.03409	0.606384	1
cg09916810	0.0142499	0.465093	-2.15011	0.0981345	1.58314	1.58314	0.672269	1.11377	1.11377	0.615788	0.879743	-1.1367	2.98171	3.02813	0.902728	1
cg10092652	0.0258201	0.700132	-1.4283	0.138079	0.806481	-1.23996	0.195866	1.2023	1.2023	0.0276253	1.42018	1.42018	2.98171	0.856749	0.255409	1
cg00709805	0.363872	1.16814	1.16814	0.59823	0.915245	-1.0926	0.00905676	1.73751	1.73751	0.108087	1.33909	1.33909	2.98167	1.30991	0.390507	1
cg09238049	0.981888	1.00923	1.00923	0.0101659	0.269127	-3.71572	0.063847	0.430181	-2.3246	0.0691314	0.438893	-2.27846	2.98161	7.74319	2.30843	1
cg05043025	0.138946	0.345181	-2.89703	?	?	?	0.0779911	0.270391	-3.69834	0.20499	0.40938	-2.44272	3.02076	18.9668	6.27882	1
cg21575584	0.0191377	0.811642	-1.23207	0.039517	0.839226	-1.19157	0.171117	0.898287	-1.11323	0.0249212	0.821643	-1.21707	2.98155	0.255851	0.0762769	1
cg02832305	0.924381	0.951288	-1.05121	0.456999	0.671364	-1.48951	0.816335	1.13018	1.13018	0.0665358	0.338827	-2.95136	2.98154	13.0656	3.89526	1
cg27309282	0.0385868	1.64124	1.64124	0.0255511	1.7309	1.7309	0.0982378	0.68728	-1.45501	0.632937	1.10462	1.10462	2.98152	2.01912	0.601967	1
cg24452366	?	?	?	0.0307777	0.242776	-4.11902	0.00580424	0.121613	-8.22281	0.86588	1.09288	1.09288	3.56519	13.1878	2.77428	1
cg00423729	0.0104445	0.618552	-1.61668	0.693914	0.942765	-1.06071	0.349607	1.15427	1.15427	0.22063	1.21153	1.21153	2.98147	1.04845	0.312583	1
cg25323152	0.118551	0.589574	-1.69614	0.461798	0.791685	-1.26313	0.785704	0.91853	-1.0887	0.546391	0.826679	-1.20966	2.98147	4.59113	1.36879	1
cg04712361	0.0085305	0.521302	-1.91827	0.00416364	0.474566	-2.10719	0.578976	0.896924	-1.11492	0.484986	0.871341	-1.14766	2.98147	1.77868	0.530292	1
cg07545081	0.0598786	2.92863	2.92863	0.335281	1.65351	1.65351	0.075608	2.72101	2.72101	0.129272	2.2924	2.2924	2.98146	12.0958	3.60624	1
cg14611112	0.686609	0.832263	-1.20154	0.078909	0.413452	-2.41866	0.00602549	0.19706	-5.07461	0.0420052	0.346199	-2.88851	2.98144	9.67606	2.88483	1
cg18842363	0.133977	0.533744	-1.87356	0.0138184	0.306653	-3.26101	0.100657	0.497305	-2.01084	0.265647	0.637235	-1.56928	2.98142	7.12582	2.12451	1
cg14848289	0.0823347	3.15017	3.15017	0.0821253	3.15316	3.15316	0.948596	0.962288	-1.03919	0.281858	0.51334	-1.94803	2.98142	16.7863	5.00471	1
cg21678461	0.97588	0.979006	-1.02144	0.0718662	0.244086	-4.09691	0.0364165	5.51115	5.51115	0.304441	2.10936	2.10936	2.98138	23.2559	6.93369	1
cg02311180	0.492509	1.14161	1.14161	0.114277	1.38595	1.38595	0.786044	0.949617	-1.05306	0.292391	0.812572	-1.23066	2.98133	1.70455	0.508214	1
cg25224543	0.0600697	0.785012	-1.27387	0.170767	0.846662	-1.18111	0.0224118	1.3664	1.3664	0.150592	1.19222	1.19222	2.98131	0.614917	0.18334	1
cg23403072	0.150868	2.19286	2.19286	0.677881	0.808123	-1.23744	0.152597	0.45775	-2.1846	0.0820846	0.374357	-2.67125	2.98127	12.2831	3.66229	1
cg11341215	0.476516	0.779193	-1.28338	0.0470323	0.456838	-2.18896	0.789519	0.911913	-1.0966	0.19511	0.623558	-1.6037	2.9812	5.6087	1.67232	1
cg26437697	0.95962	1.02896	1.02896	0.0777477	0.331125	-3.02	0.851178	0.899521	-1.1117	0.427844	0.633559	-1.57839	2.98119	15.0087	4.47508	1
cg03275851	0.152872	0.417495	-2.39524	0.0395648	0.257127	-3.88913	0.99092	0.993528	-1.00651	0.130914	0.394317	-2.53603	2.98117	15.3703	4.58293	1
cg26094805	0.253843	1.30643	1.30643	0.0120287	2.01901	2.01901	0.420457	1.20278	1.20278	0.849374	0.958247	-1.04357	2.98116	2.37584	0.708402	1
cg14205001	0.478402	0.67965	-1.47134	0.576482	0.739075	-1.35304	0.432725	0.651156	-1.53573	0.685868	1.24344	1.24344	2.98114	13.5563	4.0421	1
cg07383076	0.189756	0.499502	-2.00199	0.0748831	0.371038	-2.69514	0.0249094	0.263428	-3.7961	0.558209	0.743842	-1.34437	2.98112	11.7929	3.51631	1
cg20465143	0.102521	2.0085	2.0085	0.00939297	0.27653	-3.61624	0.504637	1.30249	1.30249	0.973285	0.987014	-1.01316	2.9811	7.19371	2.14498	1
cg11733222	0.786747	0.955902	-1.04613	0.031834	1.51954	1.51954	0.49609	1.12181	1.12181	0.504798	1.11914	1.11914	2.98107	1.30596	0.389409	1
cg00656420	0.116977	0.637222	-1.56931	0.343505	1.29463	1.29463	0.791321	1.07269	1.07269	0.0635546	0.575797	-1.73672	2.98105	3.30603	0.985792	1
cg13646917	0.465879	1.28043	1.28043	0.0543418	0.483217	-2.06946	0.0876297	0.533632	-1.87395	0.114023	0.564007	-1.77303	2.98104	5.23875	1.5621	1
cg18121190	0.18286	0.482902	-2.07081	0.232211	0.524535	-1.90645	0.0337896	0.279015	-3.58404	0.159676	0.461245	-2.16804	2.98103	12.5221	3.73387	1
cg09810089	0.231804	1.90593	1.90593	0.046137	3.23864	3.23864	0.0754471	2.76723	2.76723	0.202841	1.99654	1.99654	2.981	12.4876	3.72361	1
cg22335490	0.426466	0.66332	-1.50757	0.210026	0.512834	-1.94995	0.0233351	0.254093	-3.93557	0.41456	1.52443	1.52443	3.02012	10.8656	3.59774	1
cg20454002	0.265402	2.15211	2.15211	0.0225415	6.07449	6.07449	0.129324	2.95138	2.95138	0.82352	0.862856	-1.15894	2.98095	20.589	6.13941	1
cg13736068	0.813288	0.96956	-1.0314	0.11928	0.801818	-1.24717	0.487021	1.09666	1.09666	0.0372136	1.37161	1.37161	2.98094	0.8059	0.240312	1
cg02238069	0.063333	0.684686	-1.46052	0.185491	1.29006	1.29006	0.875974	1.02874	1.02874	0.582027	1.1061	1.1061	2.98091	1.5535	0.463244	1
cg01972751	0.211219	0.320268	-3.12238	0.954837	1.05017	1.05017	0.00380302	29.1964	29.1964	0.71274	0.726398	-1.37666	2.98087	35.2761	10.5192	1
cg10064525	0.426962	1.41934	1.41934	0.377436	1.47848	1.47848	0.563314	0.77704	-1.28694	0.0268015	0.322199	-3.10367	2.98087	8.8002	2.6242	1
cg03987506	0.949532	1.04557	1.04557	0.0638786	4.33291	4.33291	0.706955	1.30456	1.30456	0.921678	1.07168	1.07168	2.9808	23.3949	6.97645	1
cg21719344	0.945739	1.02384	1.02384	0.483652	1.27937	1.27937	0.0684221	2.02602	2.02602	0.00357602	3.91885	3.91885	2.98079	5.655	1.68635	1
cg24881205	0.184835	5.44928	5.44928	0.473565	0.415295	-2.40793	0.00365128	114.431	114.431	0.165249	5.95622	5.95622	3.01993	61.7922	20.4615	1
cg05343021	0.711829	0.876151	-1.14136	0.0562158	0.462772	-2.16089	0.00937983	3.23431	3.23431	0.869825	0.94323	-1.06019	2.98072	5.99449	1.78764	1
cg20319308	0.616172	0.930873	-1.07426	0.0143359	0.65187	-1.53405	0.256039	0.845322	-1.18298	0.840215	1.02902	1.02902	2.98068	0.948261	0.282787	1
cg20481287	0.106972	0.238896	-4.18593	0.0212024	0.104969	-9.52664	0.0208999	0.104198	-9.59714	0.136634	0.271266	-3.68642	2.98066	31.2488	9.31898	1
cg21494097	0.47267	0.84787	-1.17943	0.17116	1.38985	1.38985	0.561278	1.14192	1.14192	0.662976	0.905677	-1.10415	2.98065	2.40963	0.7186	1
cg18839746	0.746962	1.08516	1.08516	0.0551374	0.577576	-1.73137	0.336586	0.778702	-1.28419	0.980392	1.00622	1.00622	2.98065	3.00861	0.897228	1
cg11268983	0.124889	7.51436	7.51436	0.261502	4.14377	4.14377	0.00807565	61.4886	61.4886	0.0429357	16.9174	16.9174	2.98064	69.5806	20.7504	1
cg15153800	0.948199	0.982429	-1.01789	0.322661	1.32147	1.32147	0.468691	0.817783	-1.22282	0.896395	1.03619	1.03619	2.98063	3.51437	1.04806	1
cg16049391	0.0429189	0.20551	-4.86595	0.590508	1.44616	1.44616	0.319609	0.497348	-2.01066	0.121372	3.12847	3.12847	2.98061	21.7714	6.49274	1
cg04007792	0.157705	0.386361	-2.58825	0.0124459	0.141159	-7.0842	0.16002	0.38868	-2.57281	0.0251059	0.186903	-5.35037	2.9806	18.7071	5.57892	1
cg07797261	0.805532	0.942386	-1.06114	0.142994	1.46039	1.46039	0.0815125	0.628462	-1.59119	0.764679	0.930327	-1.07489	2.98054	2.73186	0.814725	1
cg14430629	0.228283	1.24568	1.24568	0.00383674	1.968	1.968	0.77061	0.950477	-1.0521	0.600922	0.912391	-1.09602	2.98051	1.42461	0.424866	1
cg02004872	?	?	?	0.495914	1.94625	1.94625	0.00653337	0.0332596	-30.0665	0.498681	0.516074	-1.93771	3.01961	39.4332	13.059	1
cg14505439	0.447555	1.19457	1.19457	0.957689	0.987889	-1.01226	0.351241	1.24651	1.24651	0.110806	0.670965	-1.49039	2.98045	2.49001	0.74262	1
cg26015133	0.679247	0.912856	-1.09546	0.0376515	1.69681	1.69681	0.0618119	0.630514	-1.58601	0.0067532	0.463003	-2.15981	2.98044	2.26978	0.676942	1
cg03050663	0.150082	1.34708	1.34708	0.255715	1.25749	1.25749	0.022872	1.69177	1.69177	0.148086	1.34934	1.34934	2.98044	1.76016	0.524953	1
cg02206375	0.0719701	0.300512	-3.32765	0.10276	0.343509	-2.91113	0.723595	1.23682	1.23682	0.218048	0.460443	-2.17182	2.98043	16.9124	5.04398	1
cg12433831	0.486242	0.689534	-1.45026	0.063104	0.33341	-2.99931	0.722879	0.829374	-1.20573	0.0165349	0.214707	-4.65752	2.98041	13.0317	3.88662	1
cg06640552	0.884224	1.03508	1.03508	0.212515	1.36438	1.36438	0.943982	0.983509	-1.01677	0.378466	0.807498	-1.23839	2.98038	2.6429	0.788237	1
cg06369833	0.528472	1.3848	1.3848	0.204583	0.503216	-1.98722	0.33613	1.66024	1.66024	0.991785	0.994776	-1.00525	3.20393	12.8583	3.12144	1
cg01094683	0.598657	0.870301	-1.14903	0.365554	1.27527	1.27527	0.433089	0.811206	-1.23273	0.0746287	0.594864	-1.68106	2.98036	3.22908	0.963069	1
cg06764333	0.281976	0.662534	-1.50936	0.0141256	0.327857	-3.05011	0.204952	1.63633	1.63633	0.283146	0.663248	-1.50773	2.98035	6.39947	1.90864	1
cg14761916	0.527235	1.05272	1.05272	0.010154	0.771031	-1.29696	0.926483	0.992626	-1.00743	0.415805	1.06898	1.06898	2.98035	0.303612	0.0905522	1
cg06464066	0.0367553	0.0888242	-11.2582	0.393455	0.41799	-2.3924	0.468944	2.08601	2.08601	0.837102	1.22806	1.22806	2.98035	47.0021	14.0183	1
cg20098993	0.096452	0.588815	-1.69833	0.146533	0.636201	-1.57183	0.401609	0.779483	-1.2829	0.64115	0.872651	-1.14593	2.98032	3.97503	1.18556	1
cg04774096	0.264815	0.869764	-1.14974	0.129264	0.821352	-1.2175	0.0547209	0.769802	-1.29904	0.177917	0.84208	-1.18754	2.98032	0.680417	0.202937	1
cg23932491	0.042638	0.102122	-9.79223	0.0275787	0.0783231	-12.7676	0.169115	0.238806	-4.1875	0.257225	0.31478	-3.17682	2.98032	45.1067	13.4532	1
cg16714055	0.529443	0.804495	-1.24302	0.00354197	0.259293	-3.85664	0.0469892	2.17356	2.17356	0.889781	1.04849	1.04849	2.98029	5.50364	1.64149	1
cg14378593	0.814818	0.977375	-1.02315	0.00463547	0.692546	-1.44395	0.130619	1.17261	1.17261	0.755521	0.969994	-1.03093	2.9827	0.449078	0.133941	1
cg23166970	0.773127	1.09012	1.09012	0.228565	0.685762	-1.45823	0.629369	1.15623	1.15623	0.106152	1.69342	1.69342	2.98027	4.20596	1.25446	1
cg11071207	0.746913	0.69887	-1.43088	0.916534	1.12299	1.12299	0.0132202	29.9169	29.9169	0.356437	2.85636	2.85636	2.98026	57.7932	17.2374	1
cg15825725	0.623652	1.07942	1.07942	0.155687	0.790778	-1.26458	0.948431	0.990055	-1.01005	0.74743	1.0512	1.0512	2.98024	1.1271	0.336171	1
cg20141359	0.44132	1.25305	1.25305	0.929455	1.02577	1.02577	0.00258036	0.301135	-3.32077	0.595854	0.857456	-1.16624	2.9802	3.89594	1.16202	1
cg22264014	0.7974	1.04263	1.04263	0.00646091	0.562879	-1.77658	0.724669	1.05907	1.05907	0.892361	1.02222	1.02222	2.9802	1.24312	0.370779	1
cg24854430	0.648634	1.32124	1.32124	0.218049	0.455304	-2.19633	0.15641	0.398283	-2.51078	0.0165803	0.169153	-5.91179	2.98017	17.404	5.19105	1
cg10988368	0.196646	1.88332	1.88332	0.0268366	3.37389	3.37389	0.758653	0.866833	-1.15362	0.612732	1.26705	1.26705	2.98017	10.1492	3.02719	1
cg18698690	0.484417	0.702119	-1.42426	0.085021	0.382715	-2.61291	0.794773	0.878563	-1.13822	0.21278	0.518546	-1.92847	3.28901	9.77686	2.97259	1
cg00563229	0.988374	0.983619	-1.01665	0.0167073	27.4254	27.4254	0.0368054	15.6302	15.6302	0.671347	1.62218	1.62218	2.98013	60.6425	18.088	1
cg25195100	0.210806	0.856257	-1.16787	0.00219534	0.603249	-1.65769	0.236998	1.15699	1.15699	0.418595	1.10217	1.10217	2.98011	0.653825	0.195019	1
cg18683604	0.324258	0.770168	-1.29842	0.00679189	2.45916	2.45916	0.904614	1.03123	1.03123	0.0753352	1.66185	1.66185	2.98008	3.10586	0.926406	1
cg16490096	0.609778	0.854252	-1.17062	0.0234831	0.43685	-2.28912	0.592849	1.1796	1.1796	0.0526317	1.96255	1.96255	2.98007	4.4202	1.31845	1
cg23631321	0.0705521	0.293347	-3.40893	0.0107751	0.143129	-6.98672	0.0496973	0.257018	-3.89077	0.42344	0.608881	-1.64236	2.98005	17.3805	5.18424	1
cg12488346	0.0209849	0.354893	-2.81775	0.261119	1.54836	1.54836	0.146461	1.78866	1.78866	0.0544934	0.443154	-2.25655	2.98004	6.56799	1.9591	1
cg05969496	0.151233	0.433717	-2.30565	0.0148377	0.196324	-5.09363	0.818093	0.882376	-1.1333	0.0455752	0.28786	-3.47391	2.98003	13.925	4.15357	1
cg06820197	0.719538	1.04854	1.04854	0.207753	1.19077	1.19077	0.660934	1.05973	1.05973	0.0352391	1.38039	1.38039	2.98003	0.815459	0.243236	1
cg07569385	0.130963	0.443535	-2.25461	0.127581	2.27354	2.27354	0.0525176	3.0012	3.0012	0.573691	1.32764	1.32764	2.98002	11.7294	3.49867	1
cg06765172	0.552768	1.15519	1.15519	0.00394502	0.393935	-2.53849	0.0729365	1.61692	1.61692	0.38024	0.805552	-1.24138	2.98001	2.7238	0.812464	1
cg12467223	0.258945	1.28114	1.28114	0.00347469	0.434163	-2.30328	0.134547	0.712203	-1.40409	0.105971	0.689757	-1.44979	2.97999	2.08834	0.622924	1
cg06767142	0.0797128	2.92725	2.92725	0.266229	1.8961	1.8961	0.012521	5.55973	5.55973	0.0312645	4.0376	4.0376	2.97998	14.396	4.29413	1
cg23222057	0.780368	0.798359	-1.25257	0.0390647	0.146007	-6.849	0.0155286	0.0915251	-10.926	0.101255	0.235591	-4.24464	2.97996	30.6312	9.13694	1
cg07116997	0.374735	0.869878	-1.14959	0.0107068	0.612135	-1.63363	0.971019	1.00557	1.00557	0.277277	0.84123	-1.18874	2.97992	1.10494	0.329595	1
cg01674874	0.101992	3.12346	3.12346	0.00754537	0.112205	-8.91224	0.781471	1.19357	1.19357	0.600184	0.714245	-1.40008	2.97989	19.1093	5.70023	1
cg23302649	0.0723565	16.0258	16.0258	0.394189	3.29108	3.29108	0.00627673	156.774	156.774	0.430199	2.99958	2.99958	3.20336	91.854	22.3022	1
cg12354729	0.49226	0.866043	-1.15468	0.0135211	1.87823	1.87823	0.976677	0.99399	-1.00605	0.341564	0.817026	-1.22395	2.97987	2.00679	0.59862	1
cg09473455	0.887677	0.957697	-1.04417	0.0092995	0.36451	-2.74341	0.134016	0.61003	-1.63926	0.396227	0.766655	-1.30437	2.97987	4.4147	1.31689	1
cg13067634	0.0516344	0.431645	-2.31672	0.0115085	0.301546	-3.31625	0.113695	0.520599	-1.92086	0.0765557	0.473694	-2.11107	2.97985	6.78923	2.02522	1
cg27171564	0.434763	1.31961	1.31961	0.0861796	0.51697	-1.93435	0.0545919	2.13574	2.13574	0.951007	0.978844	-1.02161	2.97985	5.71535	1.70489	1
cg03226425	0.136962	0.806229	-1.24034	0.048033	0.737971	-1.35507	0.286868	0.861838	-1.16031	0.360852	1.13461	1.13461	2.97984	0.853098	0.25448	1
cg16479173	0.559877	0.862393	-1.15956	0.037591	1.83262	1.83262	0.285017	0.756648	-1.32162	0.210163	1.39321	1.39321	2.97983	2.97588	0.88771	1
cg00583332	0.0241961	0.587726	-1.70147	0.809566	1.04891	1.04891	0.504584	0.87466	-1.1433	0.815346	1.04735	1.04735	2.97982	1.84595	0.550654	1
cg17278472	0.426973	1.09669	1.09669	0.0228192	1.36342	1.36342	0.122906	1.20949	1.20949	0.840869	0.977383	-1.02314	2.97981	0.611102	0.182294	1
cg12269161	0.0390595	0.298742	-3.34738	0.0047036	0.149544	-6.68701	0.11151	0.416101	-2.40327	0.105452	0.408715	-2.44669	2.9798	12.0758	3.60227	1
cg07992659	0.536561	1.39355	1.39355	0.0315595	3.80728	3.80728	0.124543	2.41534	2.41534	0.270273	1.83804	1.83804	2.97976	13.2702	3.95863	1
cg05161923	0.566453	0.825539	-1.21133	0.971418	1.01192	1.01192	0.212337	1.54434	1.54434	0.916823	1.03517	1.03517	2.97975	5.16544	1.5409	1
cg05197551	0.286629	0.531049	-1.88307	0.00158064	0.0746553	-13.3949	0.784904	0.855144	-1.16939	0.169916	0.433366	-2.30752	2.97974	15.4398	4.60585	1
cg05158165	0.79995	0.939701	-1.06417	0.66088	1.11419	1.11419	0.902804	0.97052	-1.03038	0.0249627	0.520265	-1.9221	2.97967	2.83096	0.844524	1
cg13671890	0.54835	1.12558	1.12558	0.0208715	1.71863	1.71863	0.63155	0.910189	-1.09867	0.733824	0.935685	-1.06874	2.97965	1.79012	0.534028	1
cg12741539	0.479465	1.14987	1.14987	0.644002	1.0946	1.0946	0.452844	0.861953	-1.16016	0.739051	1.06709	1.06709	2.97964	1.78069	0.531217	1
cg04591623	0.537289	0.921716	-1.08493	0.0135764	1.48967	1.48967	0.495673	0.913678	-1.09448	0.177952	0.829609	-1.20539	2.97964	0.803631	0.23974	1
cg10491460	0.171216	0.656951	-1.52218	0.536226	0.834743	-1.19797	0.865142	0.952162	-1.05024	0.0747493	1.77257	1.77257	2.97963	3.92478	1.17085	1
cg27203924	0.0206989	0.151013	-6.62196	0.0342492	0.187063	-5.3458	0.890612	0.910847	-1.09788	0.369891	0.535316	-1.86806	2.97963	21.7321	6.48317	1
cg14773480	0.909347	0.972355	-1.02843	0.119383	1.51581	1.51581	0.685826	1.10528	1.10528	0.0520303	0.58041	-1.72292	2.97958	2.85863	0.852808	1
cg24327397	0.340427	1.22969	1.22969	0.00488809	0.45611	-2.19245	0.782745	0.943486	-1.0599	0.211859	1.31888	1.31888	2.97957	2.09013	0.623545	1
cg19813284	0.865112	0.95876	-1.04301	0.00920467	0.440866	-2.26826	0.805488	0.940715	-1.06302	0.367927	0.79526	-1.25745	2.97955	2.89543	0.863795	1
cg09566894	0.782204	1.13159	1.13159	0.602014	0.790796	-1.26455	0.00333932	0.168335	-5.94052	0.213282	0.557298	-1.79437	2.97953	9.39031	2.80143	1
cg17613810	0.0920091	0.602922	-1.65859	0.010719	0.416942	-2.39841	0.804752	1.0699	1.0699	0.351861	0.770008	-1.29869	2.97952	3.51148	1.04759	1
cg12390081	0.385447	0.767764	-1.30248	0.372837	0.76206	-1.31223	0.557438	0.838435	-1.1927	0.0261402	0.456676	-2.18974	2.97948	4.16267	1.24188	1
cg14865516	0.453606	0.641391	-1.55911	0.0712998	0.309786	-3.22803	0.442961	0.634407	-1.57628	0.247346	0.494779	-2.0211	2.97948	15.97	4.76444	1
cg04157726	0.993716	0.997661	-1.00234	0.128185	0.613246	-1.63067	0.0263475	0.456947	-2.18844	0.0908722	0.574743	-1.73991	2.97946	4.17196	1.24466	1
cg16402822	0.874151	0.950804	-1.05174	0.619418	0.852694	-1.17275	0.115726	0.580319	-1.72319	0.306929	0.714173	-1.40022	2.97945	4.77985	1.42602	1
cg12708287	0.697857	1.27096	1.27096	0.33711	0.544303	-1.83721	0.19167	0.427611	-2.33858	0.100355	0.330757	-3.02337	2.97944	17.8251	5.31797	1
cg20305595	0.403496	0.903768	-1.10648	0.779905	0.967386	-1.03371	0.877134	1.01848	1.01848	0.244733	0.865864	-1.15492	2.97942	0.661051	0.19722	1
cg20727124	0.0534135	0.535447	-1.8676	0.0452972	0.520071	-1.92281	0.168151	1.51915	1.51915	0.220474	0.692981	-1.44304	2.97942	3.8248	1.1411	1
cg12918473	0.0586062	5.2032	5.2032	0.0165381	9.58591	9.58591	0.0102085	12.1851	12.1851	0.225509	2.67145	2.67145	2.97942	28.1215	8.38985	1
cg21960828	0.261097	1.17685	1.17685	0.0124422	1.54056	1.54056	0.644509	0.937485	-1.06668	0.356457	0.876535	-1.14086	2.97939	0.910917	0.271768	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14160016	WDR27	0.0695012	0.628257	0.916886	-1.09065	0.0698608	1.43407	1.43407	0.0101224	1.78064	1.78064	0.420304	0.863786	-1.15769	0.913315	1.01955	1.01955	0.159472	0.765386	-1.30653	0.0739138	1.42512	1.42512	0.252783	0.80861	-1.23669	0.874787	0.972344	-1.02844	2.97936	1.49249	0.445281	1
cg23163754	MYH10	0.0695015	0.206512	0.764895	-1.30737	0.909797	0.97746	-1.02306	0.258323	0.788787	-1.26777	0.138848	1.3778	1.3778	0.10977	0.704198	-1.42005	0.807392	1.05036	1.05036	0.0802688	1.47747	1.47747	0.173025	1.33867	1.33867	0.018248	0.561917	-1.77962	2.97936	1.9094	0.569668	1
cg24741563	APPBP2	0.0695022	0.316093	0.703371	-1.42173	0.230696	1.53242	1.53242	0.287703	1.45461	1.45461	0.726428	1.12665	1.12665	0.00238474	0.237531	-4.20997	0.752729	0.898263	-1.11326	0.972414	1.01181	1.01181	0.999028	0.999586	-1.00041	0.231423	0.653037	-1.53131	2.97935	5.43808	1.62245	1
cg24008435	LINS1;LINS1;LINS1;LINS1	0.0695061	0.620217	0.855751	-1.16856	0.0728228	0.535763	-1.8665	0.0279294	0.444856	-2.24792	0.824567	0.933108	-1.07169	0.00310961	0.283296	-3.52988	0.856213	0.945008	-1.05819	0.974911	0.990241	-1.00985	0.476453	0.797898	-1.25329	0.135974	0.605908	-1.65041	2.97928	4.58855	1.36903	1
cg17844313	MED26;MED26	0.069507	0.431227	0.800609	-1.24905	0.112608	0.619949	-1.61304	0.4185	1.25715	1.25715	0.403057	0.789088	-1.26729	0.0295447	0.491983	-2.03259	0.835268	0.943987	-1.05934	0.00363333	0.336443	-2.97227	0.555411	0.847804	-1.17952	0.1474	0.650288	-1.53778	2.97926	3.61578	1.0788	1
cg07586900	MBLAC2;MBLAC2;POLR3G	0.0695087	0.813098	1.04585	1.04585	0.746982	1.06318	1.06318	0.836793	1.03981	1.03981	0.151512	1.33755	1.33755	0.765598	1.05822	1.05822	0.308956	1.22053	1.22053	0.00293612	0.461549	-2.16661	0.145443	0.743897	-1.34427	0.836714	0.961696	-1.03983	2.97924	1.69008	0.504254	1
cg07509872	PPY2	0.0695093	0.00384238	0.185897	-5.37931	0.69114	0.84159	-1.18823	0.219167	0.57232	-1.74727	0.835377	0.914054	-1.09403	0.0362941	0.349524	-2.86103	0.0455438	0.371481	-2.69193	0.278402	0.61463	-1.627	0.728329	0.8602	-1.16252	0.0764468	0.426926	-2.34233	2.97922	8.79986	2.62555	1
cg06157335	C1orf163;C1orf163	0.06951	0.699701	0.96362	-1.03775	0.0217909	1.30115	1.30115	0.0229963	1.29694	1.29694	0.638422	1.04629	1.04629	0.373044	1.09137	1.09137	0.810911	0.977344	-1.02318	0.0249425	0.774819	-1.29062	0.807854	1.02357	1.02357	0.918689	0.990284	-1.00981	2.97921	0.431348	0.128699	1
cg08887114	C1orf26;C1orf26	0.0695107	0.292195	0.774853	-1.29057	0.729887	0.922284	-1.08426	0.00944979	0.464067	-2.15486	0.0404311	0.575523	-1.73755	0.0404919	0.575648	-1.73717	0.0861634	0.642397	-1.55667	0.320458	0.786933	-1.27076	0.65662	1.11009	1.11009	0.0356709	0.565154	-1.76943	2.9792	2.57058	0.76697	1
cg08039751	PLCH2	0.0695112	0.03036	0.483832	-2.06683	0.411603	1.27057	1.27057	0.958328	1.01502	1.01502	0.0575523	0.541942	-1.84521	0.0514421	0.531273	-1.88227	0.488681	1.22218	1.22218	0.0420352	0.512605	-1.95082	0.0357218	0.498023	-2.00794	0.561889	0.845962	-1.18209	2.97919	3.83879	1.14536	1
cg26909299	HTRA2;AUP1;HTRA2	0.0695119	0.0428137	0.422043	-2.36943	0.658649	0.848313	-1.17881	0.592799	0.818946	-1.22108	0.00808201	0.285045	-3.50822	0.238397	1.57921	1.57921	0.506285	1.28341	1.28341	0.346165	1.43185	1.43185	0.813642	1.09131	1.09131	0.14233	1.79245	1.79245	2.97918	6.4598	1.92739	1
cg24773290	KIF24	0.0695119	0.776679	1.04304	1.04304	0.542323	1.09571	1.09571	0.215847	0.824463	-1.21291	0.998562	1.00027	1.00027	0.501628	1.10634	1.10634	0.598149	1.08201	1.08201	0.00165638	1.94856	1.94856	0.256532	1.19184	1.19184	0.689032	0.942133	-1.06142	2.97918	1.03613	0.309148	1
cg22495921	HPCAL1;HPCAL1	0.0695124	0.693168	1.12578	1.12578	0.0260058	2.202	2.202	0.0536932	0.519689	-1.92423	0.569393	1.18743	1.18743	0.0167019	0.417752	-2.39376	0.759632	1.09602	1.09602	0.230206	0.686546	-1.45657	0.657119	1.14279	1.14279	0.714249	1.11613	1.11613	2.97917	4.21144	1.25656	1
cg04471919	DNAH11	0.0695139	0.535443	0.781517	-1.27956	0.3416	0.680503	-1.4695	0.417453	0.72217	-1.38472	0.0643805	0.442088	-2.26199	0.01076	0.284017	-3.52092	0.2072	0.593047	-1.68621	0.12272	0.51844	-1.92886	0.00810308	0.264012	-3.78771	0.613302	1.22162	1.22162	2.97915	7.28022	2.1722	1
cg25142283	MBD2	0.0695142	0.144965	0.775981	-1.28869	0.634216	0.925276	-1.08076	0.189898	0.79855	-1.25227	0.810849	0.961897	-1.03961	0.402473	0.870379	-1.14892	0.251998	1.21396	1.21396	0.0042496	1.85884	1.85884	0.292962	0.837975	-1.19335	0.89068	1.02253	1.02253	2.97914	1.23865	0.369577	1
cg09060588	ORC3L;ORC3L;RARS2	0.0695143	0.577009	1.13826	1.13826	0.855354	0.958928	-1.04283	0.569045	1.14143	1.14143	0.0274242	0.549027	-1.8214	0.13366	0.689493	-1.45034	0.781393	1.06602	1.06602	0.875785	1.03661	1.03661	0.0115378	2.06693	2.06693	0.128667	1.45851	1.45851	2.97914	2.49232	0.743637	1
cg19390582	MED26	0.0695147	0.0688385	0.361941	-2.76288	0.561367	1.34057	1.34057	0.331207	1.64932	1.64932	0.710384	0.830142	-1.20461	0.0576791	0.342601	-2.91885	0.28498	0.574491	-1.74067	0.0375501	0.299917	-3.33425	0.00972874	0.195526	-5.1144	0.281771	0.5722	-1.74764	2.97913	11.7523	3.50656	1
cg01434025	APBA2;APBA2	0.0695148	0.900141	1.05963	1.05963	0.0371997	3.05255	3.05255	0.922192	1.04611	1.04611	0.466029	1.40813	1.40813	0.573384	0.769122	-1.30018	0.92361	0.956714	-1.04524	0.0173672	0.262755	-3.80582	0.0302259	3.24025	3.24025	0.204843	1.85381	1.85381	2.97913	10.044	2.99684	1
cg01094684	UQCR	0.0695161	0.221659	0.250427	-3.99317	0.03359	17.855	17.855	?	?	?	0.393512	0.396153	-2.52428	0.608541	1.71892	1.71892	0.835952	1.24162	1.24162	?	?	?	0.456839	0.449472	-2.22483	0.0151603	0.0274542	-36.4242	4.10847	50.5041	8.78049	1
cg16863990	THSD1;THSD1;THSD1;THSD1	0.0695179	0.335655	1.16124	1.16124	0.541186	0.911069	-1.09761	0.187164	0.810174	-1.2343	0.0698479	1.35695	1.35695	0.944073	1.01062	1.01062	0.132535	1.27685	1.27685	0.0193464	0.653201	-1.53092	0.214372	0.821334	-1.21753	0.0898236	0.75461	-1.32519	2.97908	1.06969	0.319173	1
cg11306735	SLC17A7	0.0695216	0.224438	0.416812	-2.39916	0.0625825	4.20856	4.20856	0.97561	1.02119	1.02119	0.0704484	0.249932	-4.00108	0.0125295	0.11885	-8.414	0.0418333	0.200148	-4.99631	0.434055	0.578451	-1.72876	0.772208	0.819503	-1.22025	0.380709	0.539769	-1.85264	2.97901	22.1888	6.62077	1
cg12857678	WDR8	0.0695217	0.133308	0.541083	-1.84815	0.167583	0.57242	-1.74697	0.0269698	0.370303	-2.70049	0.421236	0.732262	-1.36563	0.0369149	0.39885	-2.50721	0.0183715	0.337859	-2.95981	0.012689	0.30887	-3.23761	0.887333	0.947654	-1.05524	0.354952	0.697041	-1.43464	2.97901	6.78665	2.02503	1
cg03738579	LOC100129637	0.0695218	0.5098	1.12975	1.12975	0.0698228	0.690787	-1.44762	0.0682178	1.45146	1.45146	0.367659	1.18393	1.18393	0.785789	0.951509	-1.05096	0.153151	1.32196	1.32196	0.0229777	1.64257	1.64257	0.169132	1.30641	1.30641	0.125847	0.739184	-1.35284	2.97901	1.57069	0.468669	1
cg10989431	WDR82;WDR82	0.0695219	0.446096	1.06978	1.06978	0.554988	1.05322	1.05322	0.152225	0.875294	-1.14247	0.376035	1.08209	1.08209	0.0693113	1.193	1.193	0.214692	1.12012	1.12012	0.0110708	0.758292	-1.31875	0.648734	1.04063	1.04063	0.153399	0.875674	-1.14198	2.97901	0.355854	0.106181	1
cg00165011	ADIPOR1;ADIPOR1	0.0695224	0.0751791	0.655593	-1.52534	0.687268	1.09007	1.09007	0.356591	1.22391	1.22391	0.664267	1.09753	1.09753	0.0132615	0.519941	-1.9233	0.198419	0.748541	-1.33593	0.0698857	0.649261	-1.54021	0.448678	0.848293	-1.17884	0.0992071	1.46982	1.46982	2.979	2.14247	0.63928	1
cg20471783	TMBIM6;TMBIM6	0.0695229	0.286399	0.723402	-1.38236	0.469359	1.24022	1.24022	0.924883	0.972795	-1.02797	0.505802	1.21831	1.21831	0.0624894	0.541624	-1.8463	0.570618	1.1825	1.1825	0.235651	1.43835	1.43835	0.00802611	2.70052	2.70052	0.123549	0.613927	-1.62886	2.97899	4.03591	1.20426	1
cg00501366	ALOX12B	0.069524	0.879396	0.902502	-1.10803	0.128309	0.329345	-3.03633	0.498679	0.628744	-1.59047	0.420504	1.74371	1.74371	0.0146497	0.131278	-7.6174	0.251164	0.444848	-2.24796	0.0051008	0.0820493	-12.1878	0.447373	0.592626	-1.6874	0.256007	0.448843	-2.22795	2.97897	21.5354	6.4259	1
cg09778734	C12orf76;C12orf76	0.0695262	0.411151	0.872441	-1.14621	0.00356663	1.89851	1.89851	0.847639	1.03173	1.03173	0.588257	0.915073	-1.09281	0.55713	0.908087	-1.10122	0.801967	1.04165	1.04165	0.031118	1.50803	1.50803	0.612205	0.920345	-1.08655	0.547202	1.10397	1.10397	2.97893	1.24392	0.371175	1
cg25365794	ALOXE3;ALOXE3	0.0695268	0.526953	0.879757	-1.13668	0.876462	0.969388	-1.03158	0.00195025	0.416654	-2.40007	0.985247	1.0037	1.0037	0.928672	0.982266	-1.01805	0.565495	1.12311	1.12311	0.0733928	0.671013	-1.49028	0.16668	0.744774	-1.34269	0.843886	1.04019	1.04019	2.97892	1.88432	0.562266	1
cg05896468	STK32C	0.0695269	0.226757	1.85258	1.85258	0.00794644	5.22498	5.22498	0.00805459	5.20233	5.20233	0.685081	1.21906	1.21906	0.837756	0.905188	-1.10474	0.16809	2.0415	2.0415	0.0720701	2.65228	2.65228	0.261889	1.76543	1.76543	0.468325	1.43117	1.43117	2.97892	11.1363	3.32299	1
cg16306644	COX19	0.0695302	0.6538	0.879505	-1.137	0.154313	1.54293	1.54293	0.0145795	2.35288	2.35288	0.141538	1.5677	1.5677	0.393282	0.7798	-1.28238	0.0445803	0.51895	-1.92697	0.429619	0.795078	-1.25774	0.14692	1.55698	1.55698	0.975386	0.991263	-1.00881	2.97887	3.81638	1.1388	1
cg00255889	ATP8A2	0.0695318	0.223055	1.46065	1.46065	0.0334801	2.0859	2.0859	0.459963	1.24937	1.24937	0.730799	0.90284	-1.10762	0.103145	1.69484	1.69484	0.873765	0.954037	-1.04818	0.00364748	3.20185	3.20185	0.15567	1.56762	1.56762	0.873706	0.954016	-1.0482	2.97884	4.13169	1.2329	1
cg24576945	HHATL;HHATL	0.0695323	0.45226	1.47156	1.47156	0.0414517	3.27489	3.27489	0.162051	2.12368	2.12368	0.902539	1.06375	1.06375	0.856407	1.09568	1.09568	0.291112	1.73786	1.73786	0.00948629	5.2491	5.2491	0.0161136	4.4169	4.4169	0.0436591	3.22208	3.22208	2.97883	12.0069	3.58287	1
cg05974580	FRS2;FRS2	0.0695324	0.919569	1.01576	1.01576	0.267947	1.19555	1.19555	0.949387	1.00987	1.00987	0.0223289	1.52769	1.52769	0.172978	1.25163	1.25163	0.685105	0.938851	-1.06513	0.135371	0.77949	-1.28289	0.0156301	0.632077	-1.58209	0.628688	1.07834	1.07834	2.97883	1.13018	0.337247	1
cg08905753	HLA-DOB	0.0695327	0.0636874	0.349823	-2.85859	0.537824	0.7303	-1.3693	0.0902558	0.3904	-2.56147	0.0211176	0.24731	-4.04351	0.0196056	0.241532	-4.14024	0.1311	0.439863	-2.27344	0.0739444	0.366612	-2.72768	0.0193532	0.240537	-4.15737	0.127058	0.435437	-2.29654	2.97882	11.9755	3.57353	1
cg06784689	MBNL2;MBNL2	0.0695331	0.219289	0.582034	-1.71811	0.708252	0.854288	-1.17057	0.765489	0.882212	-1.13351	0.229319	1.69637	1.69637	0.223461	0.585161	-1.70893	0.714719	0.857442	-1.16626	0.439132	0.7185	-1.39179	0.00333564	5.33211	5.33211	0.329125	1.52495	1.52495	2.97881	8.28077	2.47101	1
cg15674193	LRRFIP1	0.0695345	0.728528	0.881589	-1.13432	0.244089	0.62	-1.6129	0.181327	0.563568	-1.77441	0.254449	0.628184	-1.59189	?	?	?	?	?	?	0.00635476	0.103611	-9.65151	0.172493	0.554404	-1.80374	0.19787	0.579794	-1.72475	6.9568	8.86851	0.546342	1
cg21672276	ZNF502;ZNF502;ZNF502;ZNF502	0.0695346	0.926843	1.02012	1.02012	0.882055	0.968313	-1.03272	0.0496042	1.62553	1.62553	0.0236102	0.556433	-1.79716	0.872222	0.965691	-1.03553	0.0206704	0.546417	-1.8301	0.342971	0.809048	-1.23602	0.0831832	0.659672	-1.5159	0.872581	1.03542	1.03542	2.97879	2.21929	0.66225	1
cg01278696	SMARCA5	0.0695358	0.151281	1.30197	1.30197	0.516099	1.11962	1.11962	0.0874442	0.723415	-1.38233	0.788483	0.954905	-1.04722	0.128064	1.32619	1.32619	0.166684	1.28791	1.28791	0.047618	0.677909	-1.47513	0.140676	0.761894	-1.31252	0.0791185	1.39728	1.39728	2.97877	1.38924	0.41456	1
cg24808271	ZNF17	0.0695359	0.12628	0.53574	-1.86658	0.0259242	0.368751	-2.71186	0.0674921	0.461653	-2.16613	0.907294	0.956998	-1.04493	0.164031	0.571044	-1.75118	0.0168019	0.332568	-3.00691	0.027336	0.3734	-2.6781	0.0409949	0.410728	-2.4347	0.767853	0.894325	-1.11816	2.97877	6.71602	2.00412	1
cg27262870	LOC399959;BLID;BLID	0.069536	0.482959	1.26129	1.26129	0.77633	0.911434	-1.09717	0.285638	0.696947	-1.43483	0.762612	0.906079	-1.10366	0.00348774	0.275135	-3.63458	0.230693	1.50587	1.50587	0.142113	0.598205	-1.67167	0.196469	1.55995	1.55995	0.861739	0.944826	-1.0584	2.97877	5.0007	1.49225	1
cg04841607	C7orf33	0.0695381	0.152056	0.737785	-1.35541	0.807673	0.952814	-1.04952	0.703451	1.07875	1.07875	0.80442	0.952016	-1.0504	0.32879	1.22111	1.22111	0.0036945	2.17622	2.17622	0.759142	0.94087	-1.06285	0.0920141	0.692397	-1.44426	0.622514	1.10334	1.10334	2.97873	1.85305	0.552973	1
cg00833364	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.0695385	0.507077	0.885715	-1.12903	0.0319677	1.57325	1.57325	0.0194044	1.66469	1.66469	0.984122	1.00359	1.00359	0.0363113	0.644785	-1.5509	0.413738	0.860141	-1.1626	0.403816	1.16653	1.16653	0.968197	0.992837	-1.00721	0.298069	1.2147	1.2147	2.97872	1.53377	0.457697	1
cg04288999	MEIS1	0.0695397	0.0231747	0.135661	-7.3713	0.142535	0.313489	-3.1899	0.702349	0.753851	-1.32652	0.148569	0.319741	-3.12754	0.079627	0.238918	-4.18554	0.102262	0.268219	-3.72829	0.0128454	0.102925	-9.7158	0.030693	0.154415	-6.47604	0.0519979	0.196541	-5.08799	2.9787	25.5481	7.62394	1
cg17512779	CNOT7;VPS37A;VPS37A;CNOT7	0.0695398	0.738171	1.38724	1.38724	0.690281	1.47827	1.47827	0.304681	2.8351	2.8351	0.618519	1.6325	1.6325	0.00438224	0.0204497	-48.9005	?	?	?	0.104608	0.17311	-5.77667	0.682736	1.49341	1.49341	0.224442	0.285424	-3.50356	3.23995	42.4567	11.4661	1
cg12964047	LMO2;LMO2;LMO2	0.0695408	0.47483	0.745902	-1.34066	0.35783	1.46439	1.46439	0.583968	0.800059	-1.24991	0.124665	1.95534	1.95534	0.303173	0.650368	-1.53759	0.90115	1.0514	1.0514	0.26067	0.622985	-1.60517	0.372447	0.691172	-1.44682	0.002948	0.192674	-5.19011	2.97868	7.67624	2.29072	1
cg14144564	ZNF44;ZNF44;ZNF44;ZNF44	0.0695486	0.893265	1.04696	1.04696	0.677882	1.15347	1.15347	0.362895	1.37664	1.37664	0.40812	1.33538	1.33538	0.573588	0.823349	-1.21455	0.00163695	0.214001	-4.67286	0.827248	1.07757	1.07757	0.634981	1.17759	1.17759	0.748495	1.11623	1.11623	2.97855	5.51184	1.6449	1
cg18428180	KIAA0319;KIAA0319;KIAA0319;KIAA0319;KIAA0319	0.0695492	0.0694265	3.91837	3.91837	0.20439	0.40634	-2.46099	0.986378	0.988586	-1.01155	0.231013	2.32761	2.32761	0.141874	0.345784	-2.89198	0.02544	0.167646	-5.96494	0.263431	0.456613	-2.19004	0.13114	2.99214	2.99214	0.162864	0.367266	-2.72282	2.97854	21.3293	6.36532	1
cg17736336	LOC728264	0.0695496	0.727187	1.10406	1.10406	0.889054	1.04024	1.04024	0.00582434	0.360379	-2.77486	0.300905	0.73863	-1.35386	0.672704	0.886839	-1.1276	0.0119007	0.4118	-2.42836	0.774992	0.92219	-1.08437	0.676984	0.888334	-1.1257	0.0681073	0.56135	-1.78142	2.97853	3.76837	1.1246	1
cg07394201	LOC388946	0.0695501	0.0386164	0.640803	-1.56054	0.252085	0.800702	-1.2489	0.214789	0.784584	-1.27456	0.96564	1.00803	1.00803	0.901062	0.977159	-1.02337	0.142103	1.34071	1.34071	0.00994728	1.83092	1.83092	0.422111	1.16456	1.16456	0.813903	1.04478	1.04478	2.97852	1.62809	0.485874	1
cg14064193	PTPRN2;PTPRN2;PTPRN2	0.0695529	0.403551	0.855689	-1.16865	0.138972	1.33693	1.33693	0.0318397	0.632121	-1.58197	0.514414	1.12811	1.12811	0.536495	0.892148	-1.12089	0.405078	1.16803	1.16803	0.397757	0.853962	-1.17101	0.0467598	1.51452	1.51452	0.0381068	0.645147	-1.55003	2.97847	1.56817	0.468002	1
cg01182895	BEND7;BEND7	0.0695534	0.314576	0.591349	-1.69105	0.0493256	0.321965	-3.10593	0.03358	0.285349	-3.50448	0.99799	1.00127	1.00127	0.0121712	0.206309	-4.8471	0.356604	1.6144	1.6144	0.17314	0.480833	-2.07972	0.240591	1.86011	1.86011	0.767135	0.8607	-1.16185	2.97847	12.0375	3.59246	1
cg01870625	SPSB2;SPSB2	0.0695539	0.569386	0.944556	-1.0587	0.129205	1.1766	1.1766	0.924151	1.00949	1.00949	0.0338038	0.782043	-1.2787	0.413515	1.08646	1.08646	0.89944	1.01262	1.01262	0.0380089	0.787724	-1.26948	0.0185308	0.753315	-1.32747	0.25508	0.888812	-1.1251	2.97846	0.464178	0.138529	1
cg15858239	NKAIN3;NKAIN3	0.0695539	0.479101	1.15378	1.15378	0.989641	1.00258	1.00258	0.0784946	0.678046	-1.47483	0.0227364	0.58156	-1.71951	0.160313	1.34743	1.34743	0.0309967	0.604441	-1.65442	0.265217	0.793872	-1.25965	0.202027	0.765055	-1.3071	0.272445	1.25494	1.25494	2.97846	1.8644	0.55641	1
cg19170009	VIM	0.0695565	0.809644	1.05283	1.05283	0.0530196	0.625609	-1.59844	0.00838252	0.487494	-2.05131	0.724224	1.0785	1.0785	0.0456037	0.613247	-1.63067	0.161751	0.727066	-1.37539	0.125678	0.702212	-1.42407	0.687694	1.09003	1.09003	0.0765805	0.656908	-1.52228	2.97841	2.14668	0.640664	1
cg16526137	ZFP90	0.0695587	0.335379	1.47098	1.47098	0.652871	0.838711	-1.19231	0.732199	1.14276	1.14276	0.858949	0.933228	-1.07155	0.376163	1.42309	1.42309	0.243899	0.622725	-1.60584	0.0338912	2.61742	2.61742	0.00964084	3.57055	3.57055	0.0320268	2.65352	2.65352	2.97837	7.11921	2.12471	1
cg13187936	INTS7;DTL	0.0695618	0.0654018	0.73167	-1.36674	0.0296146	0.679192	-1.47234	0.976183	0.9955	-1.00452	0.303263	1.17478	1.17478	0.219006	1.21565	1.21565	0.341852	0.862475	-1.15945	0.0159978	0.640506	-1.56127	0.683151	0.939889	-1.06396	0.105956	0.765869	-1.30571	2.97832	1.07642	0.32126	1
cg22684507	RFWD2;RFWD2	0.0695638	0.0920842	0.680465	-1.46958	0.748876	0.935493	-1.06896	0.617805	0.90083	-1.11009	0.283269	0.793375	-1.26044	0.254823	0.781266	-1.27997	0.827096	1.04646	1.04646	0.873094	1.03374	1.03374	0.00171186	0.394741	-2.53331	0.15216	0.727259	-1.37503	2.97829	2.0332	0.60682	1
cg03295187	MCOLN1	0.0695664	0.0288804	1.58192	1.58192	0.15809	1.30816	1.30816	0.028913	1.58172	1.58172	0.0694966	1.43536	1.43536	0.579253	0.905111	-1.10484	0.689394	1.07413	1.07413	0.286794	0.821282	-1.21761	0.106806	0.730946	-1.36809	0.96527	1.00778	1.00778	2.97824	1.49456	0.446069	1
cg04094067	RAB11FIP3;RAB11FIP3	0.0695673	0.529652	0.85646	-1.1676	0.0224189	1.94572	1.94572	0.0297815	1.86324	1.86324	0.147116	0.68482	-1.46024	0.430353	0.822115	-1.21638	0.718784	1.09198	1.09198	0.0296464	1.86453	1.86453	0.633028	1.12418	1.12418	0.939903	0.981819	-1.01852	2.97823	2.79314	0.833647	1
cg26988800	METT10D;METT10D	0.0695689	0.140482	0.841236	-1.18873	0.0844091	0.812103	-1.23137	0.149799	0.845055	-1.18336	0.0413802	1.2924	1.2924	0.132185	1.19382	1.19382	0.77286	1.03206	1.03206	0.0317398	0.759956	-1.31587	0.598237	0.943672	-1.05969	0.587038	0.94196	-1.06162	2.9782	0.560709	0.167352	1
cg12069276	AMPD3;AMPD3;AMPD3	0.0695696	0.365384	1.6471	1.6471	0.0926222	2.69926	2.69926	0.127037	2.42417	2.42417	0.45982	1.4975	1.4975	0.212782	2.022	2.022	0.319694	1.73629	1.73629	0.00504513	7.31435	7.31435	0.0147026	5.0094	5.0094	0.0644234	3.0488	3.0488	2.97819	13.5796	4.05307	1
cg14396035	PIGO;PIGO	0.0695715	0.112409	0.467072	-2.141	0.197346	0.548662	-1.82261	0.357173	0.658944	-1.51758	0.0461402	2.73591	2.73591	0.0472152	0.367818	-2.71873	0.120264	0.476	-2.10084	0.0303951	0.326004	-3.06745	0.473245	1.37893	1.37893	0.546136	0.764104	-1.30872	2.97815	9.1514	2.73141	1
cg15743325	COBL	0.0695737	0.540195	0.896525	-1.11542	0.785004	0.952974	-1.04935	0.940463	0.986929	-1.01324	0.037775	0.654178	-1.52864	0.0534483	1.47168	1.47168	0.105483	1.36552	1.36552	0.0149825	1.69358	1.69358	0.439693	1.14891	1.14891	0.740983	1.06017	1.06017	2.97812	1.46346	0.436805	1
cg08038504	CNIH3	0.0695743	0.612173	0.920313	-1.08659	0.148469	0.777442	-1.28627	0.0633298	0.71235	-1.4038	0.312151	1.1851	1.1851	0.0724337	0.722097	-1.38486	0.00458524	0.541729	-1.84594	0.886178	1.02354	1.02354	0.62417	1.08351	1.08351	0.729487	0.945174	-1.05801	2.97811	1.24439	0.371418	1
cg03005718	CSTF2	0.069579	0.472438	0.647152	-1.54523	0.360613	0.571425	-1.75001	0.282144	0.514013	-1.94548	0.0601689	0.282977	-3.53385	0.0345858	0.230559	-4.33729	0.346254	1.78169	1.78169	0.00403045	0.100242	-9.97585	0.426415	0.616577	-1.62186	0.772468	0.841446	-1.18843	2.97803	16.7229	4.99149	1
cg05703502	KIAA2018	0.0695799	0.104021	0.440992	-2.26761	0.909097	0.948749	-1.05402	0.195716	0.532444	-1.87813	0.0247055	0.291752	-3.42757	0.660415	0.815751	-1.22586	0.0680347	0.390107	-2.5634	0.00825077	0.21094	-4.74069	0.444416	0.698289	-1.43207	0.026481	0.297658	-3.35956	2.97801	10.0072	2.98698	1
cg13361007	BIVM;BIVM;KDELC1	0.0695799	0.0903737	0.609584	-1.64046	0.136974	0.653823	-1.52947	0.383879	1.26723	1.26723	0.0167336	2.16983	2.16983	0.918881	1.02739	1.02739	0.0506291	0.553887	-1.80542	0.151211	0.665003	-1.50375	0.400866	0.796055	-1.2562	0.463422	0.8204	-1.21892	2.97801	3.31846	0.990508	1
cg10640833	SKIV2L	0.0695803	0.310964	0.839385	-1.19135	0.571912	0.909011	-1.1001	0.497527	0.891339	-1.12191	0.226848	1.23605	1.23605	0.987985	1.00252	1.00252	0.0653723	1.41266	1.41266	0.0291999	1.536	1.536	0.0472977	0.684506	-1.46091	0.105474	0.744234	-1.34366	2.978	1.31567	0.392708	1
cg23045404	TOP3A;SMCR8	0.0695818	0.126193	0.765101	-1.30702	0.00530429	0.551783	-1.81231	0.263246	0.828004	-1.20772	0.571605	0.911643	-1.09692	0.0844199	0.734259	-1.36192	0.215338	0.809739	-1.23497	0.0244797	0.648107	-1.54295	0.0442042	0.687932	-1.45363	0.120524	0.761474	-1.31324	2.97798	1.23509	0.368659	1
cg23289079	PRDM6	0.0695819	0.649113	1.52432	1.52432	0.971187	1.0338	1.0338	?	?	?	0.709598	0.708756	-1.41092	0.337455	0.402509	-2.48442	0.5974	0.612329	-1.63311	0.780096	1.29378	1.29378	0.00189202	57.5134	57.5134	0.860287	1.17601	1.17601	3.01704	35.9703	11.9224	1
cg06183256	RFT1	0.0695824	0.595487	0.723723	-1.38174	0.018154	0.177085	-5.647	0.0508987	0.261298	-3.82705	0.0325868	0.221049	-4.52388	0.086457	0.318899	-3.13579	0.164603	0.408709	-2.44673	0.0114933	0.14839	-6.73901	0.25497	0.488103	-2.04875	0.119877	0.361226	-2.76835	2.97797	17.1755	5.12669	1
cg24996161	PCDHGA2;PCDHGA4;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA4	0.0695837	0.0114076	9.71237	9.71237	0.0888231	3.84805	3.84805	0.145343	3.07299	3.07299	0.231341	2.46296	2.46296	0.0868561	3.88707	3.88707	0.0497104	4.98919	4.98919	0.0209445	7.3496	7.3496	0.0404773	5.46787	5.46787	0.116626	3.40087	3.40087	2.97794	24.3114	7.25672	1
cg10832166	SNORD116-1	0.0695838	0.0814591	0.478446	-2.0901	0.0287466	0.373559	-2.67696	0.327831	0.68006	-1.47046	0.424029	0.732211	-1.36573	0.0293886	0.375532	-2.66289	0.169995	0.572386	-1.74707	0.0198672	0.341883	-2.92498	0.622641	1.20846	1.20846	0.0287067	0.373435	-2.67784	2.97794	6.87301	2.05153	1
cg14388055	KIAA1462	0.069584	0.605525	1.25124	1.25124	0.495497	0.742493	-1.34681	0.294586	0.626467	-1.59625	0.371492	1.48403	1.48403	0.0542444	2.55941	2.55941	0.190203	1.81639	1.81639	0.0222504	3.25051	3.25051	0.0123797	3.81708	3.81708	0.683606	0.838384	-1.19277	2.97794	8.72907	2.60555	1
cg11613229	PRR16	0.0695845	0.899708	1.02056	1.02056	0.462212	0.886222	-1.12839	0.931756	0.986272	-1.01392	0.465279	0.88698	-1.12742	0.612043	0.920772	-1.08604	0.980978	1.00386	1.00386	0.00192885	0.492462	-2.03061	0.367781	1.16103	1.16103	0.180366	1.25808	1.25808	2.97793	1.22849	0.366694	1
cg03058260	JPH3	0.0695882	0.671037	1.0742	1.0742	0.225869	1.23747	1.23747	0.00638584	0.551789	-1.81229	0.884352	0.975911	-1.02468	0.143401	1.30139	1.30139	0.408501	1.15215	1.15215	0.344335	1.17726	1.17726	0.977628	1.00471	1.00471	0.0693778	0.71153	-1.40542	2.97787	1.32378	0.395147	1
cg26870746	TAGAP;TAGAP;TAGAP	0.0695889	0.715878	1.09114	1.09114	0.108312	0.658341	-1.51897	0.0804578	0.629598	-1.58831	0.0913798	1.55835	1.55835	0.0175349	1.99329	1.99329	0.358059	1.25299	1.25299	0.0839048	1.57839	1.57839	0.487771	1.18319	1.18319	0.402591	1.22679	1.22679	2.97786	2.68549	0.801617	1
cg23538064	C2;C2;CFB	0.0695891	0.0115305	0.129006	-7.75157	0.0736554	0.274578	-3.64195	0.332313	0.52296	-1.91219	0.475597	0.624868	-1.60034	0.0149457	0.143754	-6.95635	0.0808427	0.28513	-3.50717	0.026525	0.181859	-5.49876	0.119678	0.334749	-2.98731	0.371185	0.551474	-1.81332	2.97785	19.8138	5.91442	1
cg15418419	HLA-DMA	0.0695896	0.0375327	0.214254	-4.66737	0.0600999	0.258232	-3.87248	0.0253203	0.183154	-5.45989	0.341745	0.535056	-1.86896	0.0297671	0.195382	-5.11818	0.126103	0.347649	-2.87646	0.0699013	0.274328	-3.64686	0.0170789	0.156281	-6.39874	0.197351	0.418959	-2.38687	2.97784	19.2211	5.7375	1
cg11333576	SHC2	0.0695904	0.967228	1.00999	1.00999	0.123948	1.49644	1.49644	0.28229	0.763134	-1.31039	0.69633	1.09954	1.09954	0.114274	0.659931	-1.51531	0.381449	1.24258	1.24258	0.00382611	2.56858	2.56858	0.324806	1.27891	1.27891	0.808668	1.06045	1.06045	2.97783	2.76071	0.824079	1
cg14905657	LMO3;LMO3	0.0695914	0.0623403	0.430834	-2.32108	0.0460864	0.399578	-2.50264	0.381448	0.697481	-1.43373	0.241219	0.611173	-1.6362	0.0128239	0.289241	-3.45732	0.137657	0.526422	-1.89962	0.0089049	0.262962	-3.80283	0.116135	0.503927	-1.98442	0.212077	0.590047	-1.69478	2.97781	7.59679	2.26767	1
cg16481008	APC	0.069592	0.0861496	1.28672	1.28672	0.14415	1.23196	1.23196	0.0490226	1.34822	1.34822	0.551716	0.923064	-1.08335	0.34059	0.877592	-1.13948	0.605249	0.933026	-1.07178	0.0263256	0.704503	-1.41944	0.980631	1.00323	1.00323	0.0910318	1.28081	1.28081	2.9778	0.833651	0.248849	1
cg10802521	NEK4	0.0695925	0.00360889	0.405482	-2.4662	0.814549	1.05531	1.05531	0.750349	0.929473	-1.07588	0.438509	0.834397	-1.19847	0.410146	1.21286	1.21286	0.0909052	0.652659	-1.53219	0.0474911	0.594871	-1.68104	0.393851	0.818645	-1.22153	0.614596	1.12336	1.12336	2.97779	2.47569	0.739009	1
cg16104517	CASK;CASK;GPR34;GPR34;CASK	0.0695942	0.826175	0.921764	-1.08488	0.530541	0.790313	-1.26532	0.00526901	0.255979	-3.90658	0.499981	1.28866	1.28866	0.0317413	0.393565	-2.54088	0.113018	0.527881	-1.89437	0.289049	1.50326	1.50326	0.680966	1.16547	1.16547	0.881377	0.946193	-1.05687	2.97776	6.47026	1.93143	1
cg01076874	LRFN1	0.0695957	0.037658	3.83025	3.83025	0.137767	0.41059	-2.43552	0.0673129	3.13278	3.13278	0.116252	2.58751	2.58751	0.635184	1.30499	1.30499	0.88161	0.920349	-1.08654	0.0917932	2.81196	2.81196	0.0209297	4.70027	4.70027	0.128807	2.49484	2.49484	2.97774	14.6298	4.36715	1
cg00593111	CBFA2T3;CBFA2T3	0.0695965	0.309786	1.3065	1.3065	0.678639	1.1118	1.1118	0.1407	0.668254	-1.49644	0.141011	1.4959	1.4959	0.177357	0.694417	-1.44006	0.564895	1.15953	1.15953	0.00427686	0.378263	-2.64367	0.891704	0.965943	-1.03526	0.819852	0.943628	-1.05974	2.97773	3.05148	0.910906	1
cg17974142	ATP6V1A;NAA50	0.0695994	0.74742	1.03431	1.03431	0.0299918	1.30541	1.30541	0.00379495	1.50326	1.50326	0.333918	1.10965	1.10965	0.638388	1.05066	1.05066	0.774983	0.970523	-1.03037	0.802717	0.974206	-1.02648	0.121384	1.19163	1.19163	0.0813818	1.22344	1.22344	2.97768	0.513953	0.153424	1
cg23753351	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.069601	0.0152413	0.0701665	-14.2518	0.0318236	0.106123	-9.42304	0.213845	0.31132	-3.21212	0.622413	0.64241	-1.55664	0.00968222	0.054023	-18.5106	0.382884	0.450315	-2.22067	0.266889	0.356547	-2.80468	0.327767	0.406307	-2.46119	0.0356052	0.112951	-8.85336	2.97765	37.4866	11.1905	1
cg15924332	ITIH5;ITIH5	0.0696032	0.141435	0.404829	-2.47018	0.480433	1.50709	1.50709	0.0335191	0.24164	-4.13839	0.45405	0.646534	-1.54671	0.00804264	0.143463	-6.97045	0.0506358	0.2798	-3.57398	0.311661	0.549597	-1.81951	0.816097	0.875268	-1.14251	0.0497741	0.2781	-3.59582	2.97761	15.4225	4.604	1
cg06237647	IFFO1;IFFO1;NOP2;NOP2	0.0696072	0.0129432	0.256491	-3.89877	0.0970734	0.447879	-2.23275	0.245765	0.585407	-1.70821	0.365125	0.663355	-1.50749	0.0909342	0.439831	-2.2736	0.263507	0.598022	-1.67218	0.00617571	0.206944	-4.83222	0.704501	0.845303	-1.18301	0.0711826	0.411086	-2.43258	2.97754	9.17442	2.73885	1
cg22501608	IDH3A	0.0696079	0.438568	0.784203	-1.27518	0.71666	0.893921	-1.11867	0.775454	0.915769	-1.09198	0.709943	0.891414	-1.12181	0.00150978	0.245035	-4.08105	0.608764	0.85314	-1.17214	0.154604	0.625775	-1.59802	0.299096	1.39252	1.39252	0.375508	0.755911	-1.32291	2.97753	4.46394	1.33263	1
cg12588917	HLA-F;HLA-F;HLA-F	0.0696086	0.039347	9.79351	9.79351	0.291735	2.84935	2.84935	0.231391	3.32516	3.32516	0.0654413	7.23694	7.23694	0.0971476	5.71203	5.71203	0.224798	3.38844	3.38844	0.230421	0.299913	-3.3343	0.0131087	19.0076	19.0076	0.0575455	7.81255	7.81255	2.97752	43.2021	12.8973	1
cg02094237	HIST4H4	0.0696096	0.0986748	0.555721	-1.79947	0.0145596	2.65473	2.65473	0.218261	1.52221	1.52221	0.193208	0.639716	-1.56319	0.421836	0.766275	-1.30501	0.0453994	0.474926	-2.10559	0.261109	0.683693	-1.46264	0.98237	0.992857	-1.00719	0.997526	1.00101	1.00101	2.9775	4.96392	1.48191	1
cg09617747	NOB1	0.0696102	0.110523	1.29489	1.29489	0.912316	0.983764	-1.0165	0.0913542	0.75859	-1.31824	0.216283	1.21332	1.21332	0.0039515	1.77905	1.77905	0.852449	1.02805	1.02805	0.871785	1.02429	1.02429	0.494622	0.902072	-1.10856	0.513039	1.1036	1.1036	2.97749	1.04134	0.310879	1
cg19213665	HIST1H2AC;HIST1H2BC;HIST1H2AC	0.0696105	0.546153	1.05633	1.05633	0.187175	0.88211	-1.13365	0.378645	0.922152	-1.08442	0.993707	1.00071	1.00071	0.541016	1.05709	1.05709	0.0209117	1.28321	1.28321	0.806225	0.97819	-1.0223	0.0368506	0.804485	-1.24303	0.0407868	1.23601	1.23601	2.97748	0.379648	0.113339	1
cg26111152	SDK1;SDK1	0.069613	0.466967	0.881885	-1.13394	0.304512	0.834795	-1.1979	0.452888	0.878228	-1.13866	0.630289	0.920947	-1.08584	0.741651	0.945372	-1.05778	0.0497773	1.46229	1.46229	0.00439483	1.90751	1.90751	0.439906	0.874802	-1.14312	0.761775	0.94968	-1.05299	2.97744	1.35975	0.405941	1
cg10807560	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.0696137	0.172556	0.829784	-1.20513	0.0285565	0.717441	-1.39384	0.1921	0.837391	-1.19419	0.944027	1.00907	1.00907	0.0664171	1.30289	1.30289	0.422346	1.11109	1.11109	0.0777484	1.28654	1.28654	0.0952497	0.790101	-1.26566	0.576403	0.930029	-1.07524	2.97743	0.778988	0.232561	1
cg18912520	FOXP4;FOXP4;FOXP4	0.0696142	0.284488	1.99888	1.99888	0.00318803	12.287	12.287	0.051021	3.99278	3.99278	0.881775	1.09714	1.09714	0.688664	1.28518	1.28518	0.124197	2.82086	2.82086	0.0403733	4.3712	4.3712	0.195928	2.34416	2.34416	0.794089	1.17697	1.17697	2.97742	18.2988	5.46299	1
cg01683055	PARP4	0.0696142	0.226363	0.774764	-1.29072	0.244102	1.27739	1.27739	0.35554	1.21037	1.21037	0.140189	0.727004	-1.37551	0.00784913	1.98446	1.98446	0.37485	1.2008	1.2008	0.23735	1.28235	1.28235	0.144079	1.37063	1.37063	0.282402	0.798992	-1.25158	2.97742	1.90318	0.568183	1
cg00397635	ZYG11A	0.0696143	0.211009	3.84842	3.84842	0.0475322	10.1527	10.1527	0.990629	0.988062	-1.01208	0.107077	6.04295	6.04295	0.515808	0.509768	-1.96168	0.64181	0.619366	-1.61455	0.12982	5.33035	5.33035	0.0130006	23.3761	23.3761	0.0230623	16.1029	16.1029	2.97742	49.3125	14.7219	1
cg22366819	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.0696152	0.579225	1.1337	1.1337	0.645028	1.10952	1.10952	0.127189	0.691043	-1.44709	0.0295869	0.56335	-1.7751	0.0334867	0.573181	-1.74465	0.287318	0.780739	-1.28084	0.27131	1.29249	1.29249	0.656791	1.10538	1.10538	0.0228643	0.543328	-1.84051	2.9774	2.36682	0.706601	1
cg22276251	POTEC	0.0696153	0.0259179	0.581866	-1.71861	0.00523295	0.470315	-2.12624	0.0798762	0.671663	-1.48884	0.395754	0.836854	-1.19495	0.353627	0.822469	-1.21585	0.181805	0.748079	-1.33676	0.232398	0.773782	-1.29235	0.526432	0.876826	-1.14048	0.0261217	0.582452	-1.71688	2.9774	1.97761	0.590404	1
cg08230910	SEMA3C	0.0696178	0.511746	0.854079	-1.17085	0.123993	0.673791	-1.48414	0.0818828	0.633202	-1.57927	0.300477	0.775454	-1.28957	0.00195922	0.35432	-2.82231	0.126251	0.675637	-1.48008	0.752833	1.07775	1.07775	0.817748	0.946758	-1.05624	0.493599	0.848076	-1.17914	2.97736	2.64914	0.790899	1
cg21004105	FAM36A	0.0696195	0.628769	1.32545	1.32545	0.424917	1.60204	1.60204	0.57889	1.38299	1.38299	0.453653	1.55501	1.55501	0.332889	1.78194	1.78194	0.806249	1.15272	1.15272	0.00194776	0.0793227	-12.6067	0.582244	0.725184	-1.37896	0.504095	0.675643	-1.48007	2.97733	15.7731	4.70909	1
cg14633965	CKAP5;CKAP5;SNORD67	0.0696217	0.405959	1.55606	1.55606	0.483035	1.44881	1.44881	0.026064	0.253256	-3.94858	0.0320439	3.69221	3.69221	0.0336989	0.275297	-3.63244	0.444915	0.666975	-1.49931	0.40835	1.5524	1.5524	0.551188	1.36831	1.36831	0.554279	0.732646	-1.36492	2.97729	12.7534	3.80761	1
cg07488154	PTPN21	0.0696229	0.932927	0.981195	-1.01917	0.372761	1.2292	1.2292	0.58638	0.883467	-1.1319	0.232842	1.32597	1.32597	0.661028	0.905278	-1.10463	0.580011	0.881565	-1.13435	0.00186397	2.70608	2.70608	0.357193	1.23807	1.23807	0.471907	0.847871	-1.17942	2.97727	2.39831	0.716035	1
cg06338119	AMMECR1;RGAG1	0.0696241	0.771131	0.846161	-1.18181	0.853843	0.899776	-1.11139	0.252677	0.50447	-1.98228	0.0500126	0.278062	-3.59632	0.0980258	0.353671	-2.82748	0.759995	1.19181	1.19181	0.00239557	0.0886506	-11.2802	0.272285	0.519748	-1.92401	0.231245	0.487166	-2.05269	2.97725	15.465	4.61722	1
cg03753681	GDF7;GDF7	0.0696253	0.0149883	2.10037	2.10037	0.0574564	1.70435	1.70435	0.01626	2.07344	2.07344	0.0960113	1.57397	1.57397	0.846092	1.0494	1.0494	0.302045	1.30383	1.30383	0.548832	1.16245	1.16245	0.563166	0.864987	-1.15609	0.043939	1.77627	1.77627	2.97723	2.90333	0.866825	1
cg17969117	SETD4;SETD4	0.0696264	0.0660934	0.751892	-1.32998	0.202705	1.20444	1.20444	0.0764679	1.31336	1.31336	0.294255	0.860304	-1.16238	0.790036	1.0376	1.0376	0.446168	0.898158	-1.11339	0.0285258	0.699457	-1.42968	0.541539	0.918071	-1.08924	0.0750606	1.31547	1.31547	2.97721	0.902117	0.26934	1
cg11028409	CUEDC2	0.0696264	0.393464	0.868641	-1.15122	0.545812	1.1035	1.1035	0.454932	1.13045	1.13045	0.200846	0.804404	-1.24316	0.369227	1.16017	1.16017	0.583605	1.09328	1.09328	0.0112677	0.599644	-1.66765	0.617259	0.922038	-1.08455	0.0214885	1.56045	1.56045	2.97721	1.2238	0.365383	1
cg07856421	PAPOLB;RADIL	0.0696282	0.10839	1.46822	1.46822	0.0689875	0.640037	-1.56241	0.116764	1.45308	1.45308	0.870352	0.964816	-1.03647	0.128737	1.43335	1.43335	0.983637	1.00451	1.00451	0.028876	1.75947	1.75947	0.0257942	1.78694	1.78694	0.841024	1.04502	1.04502	2.97718	2.26731	0.676943	1
cg09526780	MRPL2	0.0696284	0.140229	0.468593	-2.13405	0.137441	0.465706	-2.14728	0.0698248	0.379652	-2.63399	0.384414	0.653103	-1.53115	0.0203162	0.262806	-3.80509	0.0570572	0.357536	-2.79692	0.00528355	0.172645	-5.79224	0.406541	0.666569	-1.50022	0.177657	0.504428	-1.98244	2.97718	10.7599	3.21256	1
cg06854084	NKX2-3	0.0696286	0.293256	0.669973	-1.4926	0.330951	0.691766	-1.44557	0.859669	1.06717	1.06717	0.235494	0.633352	-1.5789	0.456255	0.756736	-1.32147	0.831333	0.924636	-1.08151	0.461185	0.759125	-1.31731	0.00269385	4.58731	4.58731	0.485003	1.29779	1.29779	2.97717	6.36315	1.89983	1
cg06468920	KCNH6;KCNH6	0.069629	0.0208685	0.686487	-1.45669	0.87722	0.979301	-1.02114	0.0768778	0.766315	-1.30495	0.0739109	0.763771	-1.30929	0.142793	0.808081	-1.2375	0.0815348	0.770137	-1.29847	0.064031	1.32523	1.32523	0.168437	0.819919	-1.21963	0.563197	0.923974	-1.08228	2.97717	0.863003	0.257666	1
cg09313979	ZNF605;ZNF605	0.0696306	0.126246	1.32011	1.32011	0.776699	1.04889	1.04889	0.965516	0.992769	-1.00728	0.415344	0.86956	-1.15001	0.257574	1.21938	1.21938	0.922609	1.01645	1.01645	0.0291897	1.53945	1.53945	0.719229	0.941197	-1.06248	0.00888946	0.571831	-1.74877	2.97714	1.32885	0.396755	1
cg06621027	CTNNA2;CTNNA2	0.0696309	0.084511	0.411798	-2.42837	0.00776498	0.204024	-4.90137	0.23979	0.564215	-1.77237	0.855981	0.918997	-1.08814	0.0251184	0.289783	-3.45085	0.933791	0.962104	-1.03939	0.992694	0.995752	-1.00427	0.619633	1.26195	1.26195	0.0405503	0.332968	-3.00329	2.97713	10.1936	3.04353	1
cg21231302	RNF208	0.0696323	0.0125616	3.58298	3.58298	0.494634	1.32992	1.32992	0.0182566	3.24758	3.24758	0.0279648	2.90827	2.90827	0.479049	1.34426	1.34426	0.535296	1.29448	1.29448	0.0905859	2.15239	2.15239	0.814043	1.10172	1.10172	0.0371731	2.70363	2.70363	2.97711	7.96955	2.3795	1
cg13934266	LYSMD2;LYSMD2	0.0696368	0.0589744	0.526568	-1.89909	0.967519	1.01232	1.01232	0.132544	0.613756	-1.62931	0.152118	1.5863	1.5863	0.037727	0.484406	-2.06438	0.374865	1.31513	1.31513	0.797663	1.08033	1.08033	0.176289	1.54093	1.54093	0.0636939	1.87194	1.87194	2.97703	4.26493	1.27343	1
cg07540032	ZNF574	0.0696394	0.363934	0.874677	-1.14328	0.90815	0.983573	-1.0167	0.091583	0.765969	-1.30554	0.793017	1.03846	1.03846	0.181323	1.22588	1.22588	0.798027	1.03749	1.03749	0.00321245	1.78098	1.78098	0.931484	0.987734	-1.01242	0.580585	0.92303	-1.08339	2.97699	0.971123	0.289964	1
cg20687940	OTUB1;OTUB1	0.06964	0.15322	0.575052	-1.73897	0.0364756	0.415014	-2.40955	0.127388	0.550805	-1.81553	0.244134	0.643507	-1.55399	0.0056527	0.268841	-3.71968	0.030704	0.399211	-2.50494	0.100361	0.521421	-1.91783	0.166322	0.5863	-1.70561	0.0946408	0.514491	-1.94367	2.97698	6.17042	1.84241	1
cg12841873	ZBTB9	0.0696403	0.0159012	0.219188	-4.56229	0.023734	0.249686	-4.00503	0.868738	0.918498	-1.08873	0.884173	0.927658	-1.07781	0.0250674	0.254128	-3.93502	0.184198	0.484786	-2.06277	0.121347	0.421763	-2.371	0.429589	1.51354	1.51354	0.119091	0.419175	-2.38564	2.97697	12.4566	3.7194	1
cg03578458	TLE3;TLE3;TLE3;TLE3;TLE3;TLE3	0.0696411	0.0121346	0.698699	-1.43123	0.0464888	1.29887	1.29887	0.807969	1.02832	1.02832	0.300726	0.88429	-1.13085	0.0416239	1.30913	1.30913	0.867728	1.0193	1.0193	0.749816	0.963977	-1.03737	0.502113	0.924857	-1.08125	0.536574	0.93075	-1.0744	2.97696	0.620035	0.185136	1
cg01794563	DYNC1H1;DYNC1H1	0.0696417	0.0940077	0.689732	-1.44984	0.406851	0.842675	-1.1867	0.689919	1.08427	1.08427	0.0366141	0.612661	-1.63222	0.0283171	0.593175	-1.68584	0.0682351	0.662391	-1.50968	0.167278	1.34579	1.34579	0.212854	1.30301	1.30301	0.375914	0.832503	-1.2012	2.97695	1.91881	0.572938	1
cg11083807	LOC286094	0.0696442	0.0126518	0.505395	-1.97865	0.908457	1.02565	1.02565	0.818193	0.95057	-1.052	0.0153697	1.92498	1.92498	0.433424	0.838625	-1.19243	0.127602	1.43722	1.43722	0.396478	1.21067	1.21067	0.860293	0.961956	-1.03955	0.81465	0.94961	-1.05306	2.97691	2.28539	0.682404	1
cg13463054	ST6GALNAC5	0.0696475	0.392121	1.2556	1.2556	0.347733	1.28531	1.28531	0.138538	1.51284	1.51284	0.134771	1.51983	1.51983	0.0344494	0.527105	-1.89716	0.0148723	0.459452	-2.17651	0.958682	1.01354	1.01354	0.427629	0.810374	-1.234	0.723775	1.0965	1.0965	2.97685	3.17766	0.948849	1
cg04863888	ORC6L;VPS35	0.0696485	0.130511	0.826748	-1.20956	0.0616689	1.2779	1.2779	0.15163	0.836124	-1.196	0.0268278	1.35738	1.35738	0.278468	0.876962	-1.1403	0.421168	1.10047	1.10047	0.796121	1.03063	1.03063	0.109715	1.22526	1.22526	0.136292	1.20564	1.20564	2.97683	0.639945	0.191089	1
cg26539818	PLD6	0.0696486	0.308293	0.375468	-2.66334	0.0678087	0.149519	-6.68809	0.810976	0.800455	-1.24929	0.0491812	8.05085	8.05085	0.0443295	8.54789	8.54789	0.0511311	0.127027	-7.87231	0.521277	0.546669	-1.82926	0.447923	0.487498	-2.05129	0.209654	0.292803	-3.41526	2.97683	40.6845	12.1485	1
cg01516076	TAF4	0.069651	0.33671	0.843791	-1.18513	0.714201	0.938876	-1.0651	0.183923	0.785275	-1.27344	0.844345	0.966854	-1.03428	0.0178441	0.610311	-1.63851	0.233351	1.23896	1.23896	0.0414727	1.49657	1.49657	0.0621013	0.697556	-1.43358	0.254187	0.815322	-1.22651	2.97679	1.3863	0.413958	1
cg22507250	C6orf48;SNORD48;C6orf48	0.069651	0.777527	0.913451	-1.09475	0.0480858	2.05859	2.05859	0.00919781	2.87719	2.87719	0.490756	0.799562	-1.25068	0.034526	2.1986	2.1986	0.0966409	1.79118	1.79118	0.198947	1.54309	1.54309	0.101314	1.77421	1.77421	0.333189	1.37576	1.37576	2.97679	4.815	1.43779	1
cg25837909	APH1B;APH1B	0.0696535	0.577377	0.847093	-1.18051	0.562524	0.841472	-1.18839	0.565489	0.842598	-1.18681	0.00133269	0.252766	-3.95623	0.52375	0.826561	-1.20983	0.329358	1.34549	1.34549	0.76136	1.09395	1.09395	0.784542	1.08414	1.08414	0.910984	0.967569	-1.03352	2.97675	4.09712	1.22344	1
cg14537953	IL1F8;IL1F8	0.0696537	0.00728938	0.543687	-1.83929	0.363966	1.17855	1.17855	0.423415	0.865908	-1.15486	0.840665	1.03608	1.03608	0.394038	0.857501	-1.16618	0.0513703	0.676635	-1.4779	0.241981	1.24067	1.24067	0.93261	1.015	1.015	0.055655	0.68259	-1.46501	2.97674	1.4619	0.436541	1
cg01118078	TP53INP2	0.069656	0.0567269	0.376341	-2.65716	0.741064	0.860481	-1.16214	0.60599	1.26588	1.26588	0.1886	0.531951	-1.87987	0.0211111	0.284609	-3.51359	0.676133	1.2097	1.2097	0.0192748	0.277291	-3.60633	0.033651	0.32488	-3.07806	0.145044	0.49206	-2.03227	2.9767	9.68013	2.89063	1
cg14020146	DDX53	0.0696574	0.0546368	4.12626	4.12626	0.0652934	0.260449	-3.83953	0.964521	0.971495	-1.02934	0.525542	0.6582	-1.51929	0.0111579	0.126427	-7.90971	0.365011	1.83157	1.83157	0.720334	1.26331	1.26331	0.870055	0.899024	-1.11232	0.105045	0.316127	-3.16329	2.97668	19.9289	5.95112	1
cg18224492	PHF19;PHF19	0.0696583	0.57209	0.876828	-1.14047	0.0371525	1.74554	1.74554	0.160088	1.41277	1.41277	0.771953	0.935283	-1.0692	0.0472667	0.592963	-1.68645	0.235204	0.750931	-1.33168	0.213611	0.739698	-1.3519	0.470872	1.18398	1.18398	0.0373324	0.573285	-1.74433	2.97666	2.49898	0.746243	1
cg07881405	IRX1	0.0696588	0.0457359	0.243721	-4.10305	0.192372	0.427216	-2.34074	0.974955	1.01954	1.01954	0.881842	1.09601	1.09601	0.00586965	0.108341	-9.23011	0.942261	0.956335	-1.04566	0.0871209	0.31212	-3.2039	0.0342029	0.218042	-4.58627	0.164203	0.400568	-2.49645	2.97666	17.9102	5.34835	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF(Error)
cg23552192	UBXN2B	0.069664	0.367215	1.65765	0.520957	0.686445	0.120155	0.485025	1.37853	1.37853	0.0718256	0.460469	-2.47102	0.00254917	0.15047	-6.64586	0.728691	0.854237	-1.17063	0.358866	0.652562	-1.53242	0.0963409	0.437764	-2.28434	0.368199	0.653246	-1.51939	2.97657	9.64986	2.88173	1
cg01698036	PDCD11;USMG5;PODC11	0.069642	0.0548003	1.31353	1.31353	0.74551	0.0600045	-1.04162	0.782611	1.03524	0.626438	0.940431	-1.06334	0.557557	1.07709	1.07709	0.885299	0.98209	-1.01824	0.0258348	1.31726	1.31726	0.519311	1.08523	1.08523	0.00313036	1.65833	1.65833	1.97256	0.739022	0.2206994	1
cg03482534	NCN1	0.0696647	0.539114	0.950302	-1.0523	0.0298828	0.811009	-1.23303	0.265445	1.09981	1.09981	0.0464168	0.829432	-1.20564	0.288438	0.913617	-1.09455	0.907455	0.990512	-1.00958	0.0179827	1.26575	1.26575	0.868421	1.01369	1.01369	0.760971	0.975298	-1.02533	2.97655	0.316821	0.0946124	1
cg17628642	PIGG;PIGG	0.0696652	0.216533	0.822751	-1.21543	0.94552	0.989799	-1.01031	0.266677	1.18861	1.18861	0.729467	0.949247	-1.05347	0.00547917	0.578127	-1.72973	0.619332	1.07803	1.07803	0.0356392	1.44124	1.44124	0.819299	0.966232	-1.03493	0.8920137	0.979832	-1.02058	2.97655	1.06112	0.3168831	1
cg09084320	NRP1;NRP1;NRP1	0.0696655	0.126656	1.79757	1.79757	0.131955	0.561517	-1.78089	0.0561895	0.275188	-3.63388	0.61182	0.833896	-1.19119	0.486662	1.28514	1.28514	0.786422	1.10366	1.10366	0.103901	1.87975	1.87975	0.785487	1.10148	1.10148	0.760485	0.897157	-1.11463	2.97654	5.939	1.77357	1
cg24736764	SLC22A17;SLC22A17	0.0696666	0.873335	0.980848	-1.01993	0.0354898	0.743255	-1.34543	0.379729	1.1554	1.1554	0.293158	1.34131	1.34131	0.314525	1.1436	1.1436	0.133778	1.21653	1.21653	0.0101564	1.48135	1.48135	0.283007	1.14477	1.14477	0.37052	2.89453	-1.11791	2.97653	0.602545	0.2068161	1
cg12121983	MYO1C;MYO1C;MYO1C	0.0696663	0.0498945	0.683222	-1.46365	0.426122	1.14846	1.14846	0.625534	0.919637	-1.08739	0.0261341	0.637929	-1.56757	0.0654635	0.703149	-1.42217	0.284722	1.20838	1.20838	0.0812957	1.38981	1.38981	0.414941	0.867671	-1.15251	0.222495	0.803827	-1.24405	2.97653	1.36778	0.4084664	1
cg06615097	DHRS1;DHRS1;C14orf21	0.0696674	0.0824793	1.98226	1.98226	0.4700226	1.29882	1.29882	0.0232001	2.90947	-1.26097	0.207763	0.661337	-1.53976	7	7	0.944809	1.0233	1.0233	0.724041	0.802956	-1.13366	0.0971909	0.290642	-1.44066	0.154783	1.719	1.719	1.01554	5.37261	1.78164	1
cg01085762	JAK3	0.0696681	0.830012	0.915085	1.09279	0.0315467	0.788878	-5.29441	0.587777	0.798787	-1.2519	0.538778	1.29287	1.29287	0.132186	0.511384	-1.95548	0.17264	0.549326	-1.82041	0.0269968	0.339304	-2.94721	0.382796	0.691143	-1.44688	0.646007	0.823605	1.21417	2.7655	0.939276	0.39827	1
cg17770096	CABP1	0.0696683	0.0873994	0.495709	-2.01731	0.0173653	2.9367	2.9367	0.99237	0.99645	-1.00356	0.336304	0.691647	-1.44582	0.629872	0.83479	-1.19791	0.994029	1.00279	1.00279	0.0340053	0.398412	-2.50997	0.0569137	0.448762	-2.22835	0.430794	0.741531	-1.34856	2.97649	6.53932	1.9469	1
cg24411302	TMEM90A	0.0696695	0.70967	1.002672	-1.00267	0.995414	1.09979	1.09979	0.0175709	0.0909864	2.78943	2.78943	0.100658	1.61636	0.166022	1.49845	1.49845	0.0844114	1.68754	1.68754	0.0232475	1.91871	1.91871	0.667712	1.12551	1.12551	0.67647	3.53405	1.0554	1	
cg07871485	CDC123	0.0696713	0.128483	1.41778	1.41778	0.0385202	0.600937	-1.66412	0.0950985	0.677282	-1.47649	0.803574	0.948428	-1.05438	0.687324	1.08977	1.08977	0.585971	1.12396	1.12396	0.0121025	1.96437	1.96437	0.812017	1.05192	1.05192	0.522299	1.44772	1.94727	2.97644	2.1208	0.635508	1
cg25408161	CSNK1A1;CSNK1A1	0.0696746	0.307941	0.939838	-1.56268	0.0929123	1.60093	1.60093	0.0185908	2.00674	-2.00674	0.69058	1.30719	1.30719	0.145366	0.671642	-1.48889	0.370926	0.791509	-1.26342	0.170596	0.609432	-1.64087	0.374939	0.79314	-1.26081	0.751592	1.08417	1.08417	2.97639	3.053003	0.911778	1
cg05618222	BPSP2	0.0696759	0.0325377	0.193087	-5.17901	0.0276899	0.180737	-5.53351	0.0536793	0.236906	-4.22109	0.794669	0.828071	-1.20763	0.03376275	0.204918	-4.88	0.0313287	0.190114	-5.26001	0.0464128	0.253252	-3.95	0.253252	-4.47924	0.660889	0.748148	-1.33663	0.097442	0.302585	-3.30406	2.97636	20.3651	6.08202	1
cg07702259	ABCE1;ANAPC10;ABCE1	0.0696676	0.541017	0.876177	-1.14132	0.0185523	1.84014	1.84014	0.0370214	0.607151	1.67751	0.675174	1.09421	1.09421	0.63946	1.07581	1.07581	0.178	0.724255	-1.38073	0.296731	0.793659	-1.25999	0.584831	0.633406	-1.57871	0.904622	0.704719	2.97636	2.15094	0.642378	1	
cg03093556	KRTAP5-3	0.0696684	0.0546424	0.49024	-2.29232	0.0511756	2.13335	2.13335	0.409975	0.750128	-1.3331	0.217694	0.64244	-1.55657	0.237946	0.642	-1.55657	0.412724	0.75146	-1.33074	0.0265491	0.407744	-2.45252	0.761021	0.901149	-1.10969	0.045363	0.456918	-2.18858	2.97635	4.88819	1.63905	1
cg21545977	MAD2L2;MAD2L2	0.0696768	0.290175	2.37253	2.37253	0.47615	1.76862	1.76862	0.756348	1.27756	1.27756	0.550636	1.60835	1.60835	0.174536	3.11641	3.11641	0.978126	0.978654	-1.02181	0.00243512	0.0361341	-27.6747	0.924858	1.07707	1.07707	0.449146	1.8349	1.8349	2.97635	29.1966	8.7196	1
cg01838587	TNFSF9	0.0696776	0.278137	1.44939	1.44939	0.4049156	2.16817	2.16817	0.305087	0.705032	-1.41838	0.312877	1.40994	1.40994	0.0219346	1.03216	1.03216	0.0718549	1.19741	1.19741	0.00816357	1.04702	1.04702	0.0434071	1.24784	1.24784	0.278682	1.44874	1.44874	2.97633	5.10552	1.52478	1
cg15597140	RPS12;SNORD101	0.0696779	0.277185	0.758708	-1.31803	0.378542	1.24701	1.24701	0.384786	1.24424	1.24424	0.214701	1.52185	1.52185	0.0512172	-1.17471	1.24424	0.12547	1.49955	1.49955	0.0124115	0.508942	-1.96486	0.0484888	0.607554	-1.64594	0.039477	0.558799	-1.78955	2.97633	2.81416	0.840457	1
cg13816042	CDS1A1	0.069681	0.636429	0.8655	-1.1554	0.291039	0.717212	-1.39429	0.0055961	0.331661	-3.01513	0.697272	1.12591	1.12591	0.574739	0.841999	-1.18765	0.468634	0.799569	-1.25067	0.170536	0.642266	-1.55699	0.0895232	0.566716	-1.76455	0.0108696	0.379044	-2.63822	2.97628	4.33801	1.29558	1
cg17254607	ENC2	0.0696835	0.267443	0.766496	-1.3047	0.0376	1.30473	-1.2472	0.581265	1.16383	1.15183	0.0140389	0.463475	-1.21572	0.0823509	0.814233	-1.2805	0.188663	0.702271	-1.42356	0.0246489	1.94762	1.94762	0.798705	0.965361	1.03576	1.03576	0.0962641	1.04261	1.04261	2.97623	3.03554	0.900392	1
cg26521562	AXL;AXL	0.0696862	0.645556	1.09756	1.09756	0.883939	0.976145	-1.02444	0.0251688	1.55289	1.55289	0.450497	1.13552	1.13552	0.601933	0.916685	-1.09089	0.0225591	1.57065	1.57065	0.414635	1.14779	1.14779	0.0370663	1.49209	1.49209	0.0162755	1.65223	1.62523	2.97619	1.28785	0.384639	1
cg24098321	CTDSP2;CTDSP2	0.0696867	0.197271	1.45545	1.45545	0.183844	1.41614	1.41614	0.0003001	3.60069	3.60069	0.0189308	2.00674	2.00674	0.69058	1.30719	1.30719	0.145366	0.671642	-1.48889	0.370926	0.791509	-1.26342	0.170596	0.609432	-1.64087	0.374939	0.79314	-1.26081	0.751592	1.08417	1.08417	0.374939	0.79314	2.97618	3.053003	0.911778	1
cg14602335	VAR52;VAR52;VAR52;VAR52;VAR52	0.0696883	0.585599	0.920597	-1.08625	0.833608	1.03239	1.03239	0.694695	0.941988	-1.06158	0.724811	0.947859	-1.05501	0.320817	1.16814	1.16814	0.842657	0.970339	-1.03057	0.001504	0.500088	-1.99965	0.562154	1.09285	1.09285	0.535144	1.09983	1.09983	2.97615	1.08195	0.323148	1
cg27061889	LASP1	0.0696887	0.204481	1.5429	1.5429	0.502367	1.24668	1.24668	0.0605247	1.98466	1.98466	0.0458106	0.476400	-2.09003	0.941071	1.02423	1.02423	0.448196	0.786339	-1.28446	0.381048	0.704521	-1.33975	0.931402	1.10938	1.02723	0.0224183	0.124188	0.36504	-2.73942	2.97614	4.94426	1.47671	1
cg03552441	ARNTL;ARNTL;ARNTL	0.0696908	0.0560084	0.49024	-2.29232	0.0511756	2.13335	2.13335	0.409975	0.750128	-1.3331	0.217694	0.64244	-1.55657	0.237946	0.642	-1.55657	0.412724	0.75146	-1.33074	0.0265491	0.407744	-2.45252	0.761021	0.901149	-1.10969	0.045363	0.456918	-2.18858	2.97635	4.88819	1.63905	1
cg04683119	GUF1	0.0696915	0.171614	0.734596	-1.36129	0.0401085	1.65317	1.65317	0.0225994	1.78361	1.78361	0.278073	1.27003	1.27003	0.306523	0.799026	-1.25152	0.540248	1.14043	1.14043	0.129374	0.70661	-1.41521	0.964318	1.00953	1.00953	0.106294	1.45324	1.45324	2.97609	2.11708	0.632321	1
cg15837470	C1R	0.0696928	0.54584	0.944152	-1.05933	0.737811	0.320658	-1.31859	0.0924967	0.207486	-3.3615	0.80128	0.850585	-1.17595	0.0669196	1.02664	-0.64658	0.0579404	0.249384	-4.01031	0.0018232	0.0145102	-6.8201	0.0107403	0.0724304	-3.27353	0.79207	0.81848	2.97633	5.10552	1.52478	1
cg12657380	CLSTN1;CLSTN1	0.0696934	0.371589	2.44045	1.24405	0.093218	1.552	1.552	0.233573	0.744899	-1.34246	0.0674749	0.614058	-1.62851	0.135715	0.682	-1.46628	0.0259256	1.60291	1.60291	0.0156841	0.0355961	1.85156	1.85156	1.04319	0.0419	0.0916499	0.642696	1.67055	2.97636	1.67055	0.797638	1
cg18761058	MACROD1	0.0696943	0.0093253	0.0551822	-18.1218	0.754562	0.767015	-1.30376	7	7	7	7	0.236201	0.347539	-2.87738	0.9026	1.10905	1.10905	0.222278	0.335325	-2.98218	0.0839747	0.516666	0.0465568	0.13966	-7.16023	0.628349	0.661774	-1.51109	3.23683	31.8801	8.61804	1
cg10447982	BHLHE41	0.0696953	0.813831	0.896244	1.11583	0.72475	1.34838	1.34838	0.245734	1.75727	1.75727	0.0631005	1.78733	1.78733	0.0421931	1.13444	1.13444	0.70603	1.1924	1.1924	0.00717403	1.025605	-7.96145	0.646821	1.1289	1.1289	0.681686	1.12108	1.12108	2.97603	10.1638	3.03576	1	
cg18582520	CASC5;CASC5	0.0696954	0.718664	1.05516	1.05516	0.822061	0.967122	-1.034	0.0173361	0.650448	-1.5374	0.380393	0.861516	-1.16074	0.261234	1.18993	1.18993	0.978513	0.995881	-1.00414	0.0628027	0.589556	-1.69619	0.467283	1.11603	1.11603	0.441676	0.890088	-1.12348	2.97603	1.0382	0.310091	1
cg08471814	PANK4	0.0696962	0.43948	0.76022	-1.31545	0.0907384	1.35536	1.35536	0.169921	1.32159	1.32159	0.0249679	1.31806	1.31806	0.0149809	1.33117	1.33117	0.92162	0.98268	-1.01742	0.453117	0.902783	-1.10798	0.945166	0.90744	2.09744	0.0315475	0.840727	2.09744	2.97603	1.40127	0.470948	1
cg01815481	C17orf76;C17orf76	0.0696986	0.0517997	0.683315	-1.46345	0.0879042	0.723192	-1.38276	0.93334	1.0145	1.0145	0.0191721	0.614068	-1.62848	0.0274801	0.638469	-1.56625	0.4572	0.877853	-1.13914	0.753441	1.05572	1.05572	0.0282086	0.640269	-1.56184	0.0946636	0.729009	-1.37172	2.97602	1.39546	0.416802	1
cg23975144	CDX6A1	0.0696967	0.0699061	0.609055	-1.65002	0.686318	0.904547	-1.10553	0.998693	1.0004	1.0004	0.109757	1.53848	1.53848	0.027044	1.90942	1.90942	0.280234	0.757789	-1.31963	0.0502691	0.586076	-1.70626	0.832606	1.05369	1.05369	0.140662	1.47935	1.47935	2.97601	2.87773	0.859537	1
cg08809223	POU5F1;POU5F1	0.0696987	0.0927609	0.5	-2	0.0566124	0.127945	-7.69558	0.0431373	0.252315	-3.9639	0.507511	0.573533	-1.74376	0.0176938	0.249784	-4.00342	0.135248	0.995925	-1.2529	0.0407269	0.256798	-3.89411	0.398469	0.608072	-1.64454	0.135206	0.395878	-2.52602	2.97597	15.6075	4.66177	1
cg23544566	PTPRN2;PTPRN2;PTPRN2	0.0696993	0.88998	0.983993	-1.01627	0.491017	0.921681	-1.08497	0.0304213	0.743335	-1.34529	0.0104375	0.686667	-1.45631	0.241862	0.866913	-1.15352	0.5162	0.926125	-1.07977	0.0419554	1.31427	1.31427	0.691791	0.954608	-1.04755	0.408342	0.906108	-1.10362	2.97596	0.640656	0.191357	1
cg26242458	GZMM	0.0696994	0.31914	1.37456	1.37456	0.195335	0.78758	-1.26958	0.0316495	0.561988	-1.77939	0.168521	0.756462	-1.32193	0.0947971	0.940283	-1.06351	0.114738	1.72517	1.72517	0.18529	0.0998955	1.74707	1.74707	0.0196731	1.84533	1.84533	0.0122705	1.26935	1.70308	2.97595	1.70525	0.503941	1
cg00528469	MAP4K4;MAP4K4;MAP4K4	0.0697014	0.393599	1.61223	1.61223	0.370538	0.756586	1.75586	0.0264496	4.21343	4.21343	0.172959	2.21086	2.21086	0.0151374	1.55868	1.55868	0.0897101	1.51396	1.51396	0.0133581	0.68909	-1.68009	0.0077357	0.715627	-1.5797	0.0948551	0.742	1.32442	2.97595	1.32442	0.446387	1
cg00423119	GUF1	0.0697015	0.171614	0.734596	-1.36129	0.0401085	1.65317	1.65317	0.0225994	1.78361	1.78361	0.278073	1.27003	1.27003	0.306523	0.799026	-1.25152	0.540248	1.14043	1.14043	0.129374	0.70661	-1.41521	0.964318	1.00953	1.00953	0.106294	1.45324	1.45324	2.97609	2.11708	0.632321	1
cg15837470	C1R	0.0696928	0.54584	0.944152	-1.05933	0.737811	0.320658	-1.31859	0.0924967	0.207486	-3.3615	0.80128	0.850585	-1.17595	0.0669196	1.02664	-0.64658	0.0579404	0.249384	-4.01031	0.0018232	0.0145102	-6.8201	0.0107403	0.0724304	-3.27353	0.79207	0.81848	2.97633	5.10552	1.52478	1
cg12657380	CLSTN1;CLSTN1	0.0696934	0.371589	2.44045	1.24405	0.093218	1.552	1.552	0.233573	0.744899	-1.34246	0.0674749	0.614058	-1.62851	0.135715	0.682	-1.46628	0.0259256	1.60291	1.60291	0.0156841	0.0355961	1.85156	1.85156	1.04319	0.0419	0.0916499	0.642696	1.67055	2.97636	1.67055	0.797638	1
cg18761058	MACROD1	0.0696943	0.0093253	0.0551822	-18.1218	0.754562	0.767015	-1.30376	7	7	7	7	0.236201	0.347539	-2.87738	0.9026	1.10905	1.10905	0.222278	0.335325	-2.98218	0.0839747	0.516666	0.0465568	0.13966	-7.16023	0.628349	0.661774	-1.51109	3.23683	31.8801	8.61804	1
cg10447982	BHLHE41	0.0696953	0.813831	0.896244	1.11583	0.72475	1.34838	1.34838	0.245734	1.75727	1.75727	0.0631005	1.78733	1.78733	0.0421931	1.13444	1.13444	0.70603	1.1924	1.1924	0.00717403	1.025605	-7.96145	0.646821	1.1289	1.1289	0.681686	1.12108	1.12108	2.97603	10.1638	3.03576	1
cg18582520	CASC5;CASC5	0.0696954	0.718664	1.05516	1.05516	0.822061	0.967122	-1.034	0.0173361	0.650448	-1.5374	0.380393	0.861516	-1.16074	0.261234	1.18993	1.18993	0.978513	0.995881	-1.00414	0.0628027	0.589556	-1.69619	0.467283	1.11603	1.11603	0.441676	0.890088	-1.12348	2.97603	1.0382	0.310091	1
cg08471814	PANK4	0.0696962	0.43948	0.76022	-1.31545	0.0907384	1.35536	1.35536	0.169921	1.32159	1.32159	0.0249679	1.31806	1.31806	0.0149809	1.33117	1.33117	0.92162	0.98268	-1.01742	0.453117	0.902783	-1.10798	0.945166	0.90744	2.09744	0.0315475	0.840727	2.09744	2.97603	1.40127	0.470948	1
cg01815481	C17orf76;C17orf76	0.0696986	0.0517997	0.683315	-1.46345	0.0879042	0.723192	-1.38276	0.93334	1.0145	1.0145	0.0191721	0.614068	-1.62848	0.0274801	0.638469	-1.56625	0.4572	0.877853	-1.13914	0.753441	1.05572	1.05572	0.0282086	0.640269	-1.56184	0.0946636	0.729009	-1.37172	2.97602	1.39546	0.416802	1
cg23975144	CDX6A1	0.0696967	0.0699061	0.609055	-1.65002	0.686318	0.904547	-1.10553	0.998693	1.0004	1.0004	0.109757	1.53848	1.53848	0.027044	1.90942	1.90942	0.280234	0.757789	-1.31963	0.0502691	0.586076	-1.70626	0.832606	1.05369	1.05369	0.140662	1.47935	1.47935	2.97601	2.87773	0.859537	1
cg08809223	POU5F1;POU5F1	0.0697001	0.0927609	0.5	-2	0.0566124	0.127945	-7.69558	0.0431373	0.252315	-3.9639	0.507511	0.573533	-1.74376	0.0176938	0.249784	-4.00342	0.135248	0.995925	-1.2529	0.0407269	0.256798	-3.89411	0.398469	0.608072	-1.64454	0.135206	0.395878	-2.52602	2.97597	15.6075	4.66177	1
cg23544566	PTPRN2;PTPRN2;PTPRN2	0.0696993	0.88998	0.983993	-1.01627	0.491017	0.921681	-1.08497	0.0304213	0.743335	-1.34529	0.0104375	0.686667	-1.45631	0.241862	0.866913	-1.15352	0.5162	0.926125	-1.07977	0.0419554	1.31427	1.31427	0.691791	0.954608	-1.04755	0.408342	0.906108	-1.10362	2.97596	0.640656	0.191357	1
cg26242458	GZMM	0.0696994	0.31914	1.37456	1.37456	0.195335	0.78758	-1.26958	0.0316495	0.561988	-1.77939	0.168521	0.756462	-1.32193	0.0947971	0.940283	-1.06351	0.114738	1.72517	1.72517	0.18529	0.0998955	1.74707	1.74707	0.0196731	1.84533	1.84533	0.0122705	1.26935	1.70308	2.97595	1.70525	0.503941	1
cg00528469	MAP4K4;MAP4K4;MAP4K4	0.0697014	0.393599	1.61223	1.61223	0.370538	0.756586	1.75586	0.0264496	4.21343	4.21343	0.172959	2.21086	2.21086	0.0151374	1.55868	1.55868	0.0897101	1.51396	1.51396	0.0133581	0.68909	-1.68009	0.0077357	0.715627	-1.5797	0.0948551	0.742	1.32442	2.97595	1.32442	0.446387	1
cg01121180	C19orf48;SNORD88B;C19orf48	0.0697013	0.716971	0.916691	-1.09088	0.0835417	1.58035	1.58035	0.466614	0.837775	-1.19364	0.0775584	1.59801	1.59801	0.804125	0.942355	-1.06117	0.540248	1.14043	1.14043	0.129374	0.70661	-1.41521	0.964318	1.00953	1.00953	0.106294	1.45324	1.45324	2.97609	2.11708	0.632321	1
cg07721194	CTBP2;CTBP2;CTBP2	0.0697053	0.184337	1.31361	1.31361	0.155855	0.78758	1.37958	0.0316495	0.561988	-1.77939	0.168521	0.756462	-1.32193	0.0947971	0.940283	-1.06351	0.114738	1.72517	1.72517	0.18529	0.0998955	1.74707	1.74707	0.0196731	1.84533	1.84533	0.0122705	1.26935	1.70308	2.97595	1.70525	0.503941	1
cg00528469	MAP4K4;MAP4K4;MAP4K4	0.0697014	0.393599	1.61223	1.61223	0.370538	0.756586	1.75586	0.0264496	4.21343	4.21343	0.172959	2.21086	2.21086	0.0151374	1.55868	1.55868	0.0897101	1.51396	1.51396	0.0133581	0.68909	-1.68009	0.0077357	0.715627	-1.5797	0.0948551	0.742	1.32442	2.97595	1.32442	0.446387	1
cg01121180	C19orf48;SNORD88B;C19orf48	0.0697013	0.716971	0.916691	-1.09088	0.0835417	1.58035	1.58035	0.466614	0.837775	-1.19364	0.0775584	1.59801	1.59801	0.804125	0.942355	-1.06117	0.540248	1.14043	1.14043	0.129374	0.70661	-1.41521	0.964318	1.00953	1.00953	0.106294	1.45324	1.45324	2.97609	2.11708	0.632321	1
cg07721194	CTBP2;CTBP2;CTBP2	0.0697053	0.184337	1.31361	1.31361	0.155855	0.78758	1.37958	0.0316495	0.561988	-1.77939	0.168521	0.756462	-1.32193	0.0947971	0.940283	-1.06351	0.114738	1.72517	1.72517	0.18529	0.0998955	1.74707	1.74707	0.0196731	1.84533	1.84533	0.0122705	1.26935	1.70308	2.97595	1.70525	0.503941	1
cg08332277	LAPTM4A	0.0697054	0.122651	0.420854	-2.37612	0.106538	1.48888	2.4488	0.424991	1.52429	1.52429	0.502499	0.703203	-1.42207	0.0517079	0.31803	-3.14436	0.208154	0.503288	-1.98694	0.0162715	0.218661	-4.57329	0.0354845	0.903925	-1.09972	0.0645454	0.341535	-2.92795	2.97586	12.6166	3.76858	1
cg11868020	CTSC;CTSC;CTSC	0.0697046	0.0194376	0.434824	-2.29902	0.0511756	2.13335	2.13335	0.409975	0.750128	-1.3331	0.217694	0.64244	-1.55657	0.237946	0.642	-1.55657	0.0019629	0.291591	-5.3604	0.0873466	0.0953906	2.44444	0.0443197	0.0757827	-5.75947	0.0248855	0.0127	3.32442	1.33644	0.4472	1	
cg13332783	BAG2	0.069707	0.370792	1.16499	1.16499	2.212523	1.24382	1.24382	0.0265166	1.54808	1.54808	0.84535	0.968071	-1.03298	0.163127	0.780965	-1.28047	0.422887	0.872822	-1.14571	0.713889	1.0631	1.0631	0.754918	1.05341	1.05341	0.0114705	0.559214	-1.61943	2.97583	1.30137	0.388722	1
cg06422947	VAT1	0.0697073	0.619617	1.37675	1.37675	0.2855193	1.62423	1.62423	0.0265801	2.10935	2.10935	0.691482	1.07526	1.07526	0.0421932	1.66738	1.66738	0.30958	0.78167	-1.27939	0.0955154	1.0514	1.0514	0.592062	1.14934	1.14934	0.0498823	1.959817	-1.04187	2.97582	3.4403	0.574722	1
cg13421935	ARHY1;ARHY1;TIGD4;ARHY1	0.0697087	7	7	7	7	0.0266557	7	0.668158	0.46698	-2.68872	0.0432828	5.08021	5.08021	0.116574	2.44749	2.44749	0.0257295	1.36702	1.36702	0.274478	0.253188	1.57084	1.57084	0.0304386	2.40688

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	Ratio(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	SS(Test)	SS(Error)	
ch	1	80161181	FOXD4	0.0698243	0.0528279	5.10704	0.10704	3.05773	0.48689	1.48689	0.0166105	0.8389	0.8389	0.191323	2.8178	0.2187	0.658536	1.39521	1.39521	0.123346	3.49	1.49	0.0203643	0.11469	0.11469	0.02508	7.95605	7.35605	0.698582	1.33828	2.37382	26.41	7.80408	1
ch	03826688	LMO3;LMO3	0.0698245	0.0945705	0.3892297	-2.56873	0.0227354	0.246637	-4.05454	0.74197	0.843976	-1.18487	0.437032	0.6656031	-1.5024	0.2328373	0.246981	4.04889	0.0951721	0.390096	-2.56347	0.00968986	0.186322	-5.36705	0.0943556	0.380011	-2.57062	0.253926	0.542445	-1.84351	0.73982	12.4149	3.71088	1
ch	07207682	ERCC4	0.0698258	0.195156	1.51507	1.51507	0.893979	1.04126	1.04126	0.56187	1.19462	1.19462	0.533676	1.21062	1.21062	0.240279	1.45178	1.45178	0.703032	1.12315	1.12315	0.03195	0.308663	-3.23977	0.104598	1.71236	1.71236	0.580559	0.844318	-1.18439	2.97379	4.32994	1.29425	1
ch	05502236	MUC2	0.0698268	0.0172288	0.5174472	-1.93247	0.0801078	0.643515	-1.55356	0.0098796	0.477057	-2.09638	0.742499	0.527884	-1.07772	0.0391751	0.581657	-1.71913	0.928505	1.02045	1.02045	0.0779776	0.643062	-1.55991	0.382859	0.776212	-1.28831	0.258829	0.765323	-1.30664	2.73778	2.42744	0.725585	1
ch	04347016	WNT9A	0.0698283	0.636527	1.15634	1.15634	0.257033	2.24455	2.24455	0.893961	0.95975	-1.04194	0.422363	0.778720	-1.28414	0.778071	1.09005	1.09005	0.395248	0.766674	-1.30434	0.00514619	0.323828	-3.08806	0.711235	1.12016	1.12016	0.548153	0.830741	-1.20374	2.97575	4.38574	1.31095	1
ch	04068828	DPYSL4	0.0698329	0.0715148	0.762491	-1.31149	0.010184	0.646237	-1.54742	0.505773	0.931041	-1.09324	0.533973	0.81863	-1.08858	0.138422	0.806956	1.23981	0.0246153	0.697228	-1.43425	0.0196817	0.684117	-1.46174	0.971212	0.99515	-1.00487	0.989001	0.998144	-1.00186	2.97374	0.8550103	0.25558	1
ch	18778965	ZNF8	0.0698345	0.00657843	0.691703	-1.44571	0.018476	0.741964	-1.34777	0.188597	0.864597	-1.15661	0.159313	0.854626	-1.1701	0.173206	0.85953	-1.16343	0.117093	0.837109	-1.19459	0.445215	0.921934	-1.08468	0.459228	1.08189	1.08189	0.867295	1.01762	1.01762	2.97365	0.513763	0.153575	1
ch	16879574	NHLRC1	0.0698357	0.126528	1.60608	3.60608	0.0189254	2.01462	2.01462	0.602192	0.340342	-1.36175	0.303445	2.28673	2.28673	0.957537	0.959524	-1.04218	0.871114	0.886315	1.13428	0.0529672	0.181477	-5.51035	0.112172	0.263272	-3.82743	0.0519333	5.56294	5.56294	2.9736	26.3595	8.47741	1
ch	18743221	C3orf52	0.0698376	0.233386	0.598367	-1.67122	0.0343104	0.208323	-4.80023	0.0423874	0.382578	-2.61385	0.316913	0.653602	-1.52998	0.0248241	0.333805	-2.99756	0.219249	0.587997	-1.70069	0.246568	0.607719	-1.6455	0.130848	0.511439	-1.95527	0.075295	0.986058	1.01414	2.73559	7.95631	2.37836	1
ch	01100068	DAB1	0.0698381	0.793909	1.04484	1.04484	0.375632	1.16456	1.16456	0.00688582	1.7971	1.7971	0.648192	0.925919	-1.08001	0.156489	1.28911	1.28911	0.642241	0.924606	-1.08154	0.345689	0.849831	-1.1767	0.324932	0.8434	-1.18568	0.0283858	1.54266	1.54266	2.97358	1.32208	0.395207	1
ch	24430029	MS2;MS2	0.0698388	0.0360342	0.355404	-2.81387	0.114595	0.923844	-1.08297	0.274464	0.637383	-1.61974	0.770501	1.13209	1.13209	0.17648	0.884009	1.13109	0.0744161	0.868571	-1.15147	0.19727	0.359871	-2.78807	0.214695	1.74016	1.74016	0.0284137	0.333844	-2.99541	2.97357	8.47128	2.53232	1
ch	17623275	KCNC2	0.0698389	0.268553	1.317	1.317	0.630064	0.891034	-1.12229	0.18057	0.711225	-1.40602	0.512104	0.889254	0.93053	-1.07466	0.128743	1.48376	0.55693	1.15179	1.15179	0.0121004	0.218699	2.18699	0.0178343	0.4388	2.03386	0.218906	0.162666	1.36266	3.19609	2.79421	0.679979	1
ch	08902243	RPL15	0.0698393	0.0191512	0.318548	-3.13924	0.122058	0.90087	-1.06538	0.134629	0.520912	-1.91971	0.295385	1.55075	1.55075	0.0738267	0.446285	2.23281	0.752097	0.979743	-1.1367	0.0172633	0.376239	-2.65788	0.0855462	0.463745	-2.15636	0.0439828	0.391896	-2.5517	2.97956	7.60882	2.55141	1
ch	16957569	IDO2	0.0698399	0.463622	-2.762673	-1.31118	0.0532418	0.450422	-2.22014	0.0246203	0.378306	-2.64336	0.0505257	0.445135	-2.24651	0.0232754	0.373489	-2.67745	0.505408	0.782364	-1.27818	0.0119685	0.320228	-3.12277	0.488706	0.774565	-1.29105	0.162118	0.581522	-1.71963	2.97355	6.21184	1.85691	1
ch	18145810	RG:RE:G3G	0.0698401	0.0759667	0.301734	-3.31418	0.188499	0.42939	-2.32889	0.0381833	0.232767	-4.29615	0.2944	0.516939	-1.93446	0.128582	0.36913	-2.70907	0.0850969	0.315017	-3.17443	0.0439117	0.094706	-10.0527	0.579407	0.711993	-1.40451	0.0571362	0.270948	-3.69075	2.97555	17.337	5.1826	1
	MIR410;MIR409;miR412;MIR369;MIR6																														
ch	18264298	S6	0.0698408	0.4300029	0.897792	-1.11384	0.360526	0.881775	-1.13408	0.918473	0.98639	-1.0138	0.0547025	0.747002	-1.33868	0.0102092	0.648245	-1.54263	0.0256691	0.701356	-1.42581	0.624129	1.06834	1.06834	0.0245336	0.698697	-1.43124	0.410618	0.89349	-1.11921	2.97954	0.843706	0.252212	1
ch	04572375	KCNN2	0.0698411	0.117387	1.26031	1.26031	0.203279	1.10632	1.28122	0.0128142	0.8484642	1.3675	1.3675	0.450915	1.10201	1.10201	0.373812	1.13153	1.11512	0.385622	0.857305	-1.16645	0.272045	1.17202	1.17202	0.00496946	1.67642	1.67642	0.703145	0.948233	-1.05459	2.97353	0.90768	0.271336	1
ch	02125305	WDPY4;LRRC18	0.0698427	0.660113	1.13786	1.13786	0.0290498	0.471951	-2.11887	0.276082	1.39187	1.39187	0.0171728	0.428485	2.3338	0.252528	0.705524	-1.41739	0.94178	0.978909	-1.02154	0.946118	0.980468	-1.01992	0.270773	1.39742	1.39742	0.0395519	0.499186	-2.00326	2.97351	4.01038	1.19906	1
ch	00599922	FOXL1	0.0698429	0.443559	1.5179	1.5179	0.0719301	2.92478	2.92478	0.372309	1.63122	1.63122	0.0422184	3.4909	3.4909	0.0821793	2.79759	2.79759	0.0495451	3.31041	3.31041	0.306329	0.567904	-1.76086	0.00920377	5.84989	5.84989	0.545862	1.38617	1.38617	2.9735	13.4407	4.0179	1
	FNL;FNL1;FNL;FNL;FNL1;FNL;FNL1;FNL;FN																														
ch	26910092	L;FNL;FNL1;FN1;FN1;FN1	0.0698445	0.717848	1.09072	1.09072	0.00726385	2.29042	2.29042	0.323236	1.27657	1.27657	0.027897	1.86227	1.86227	0.628579	0.889894	-1.12373	0.515726	1.17084	1.17084	0.194298	0.719914	-1.38906	0.266159	0.757841	-1.31954	0.769816	0.932188	-1.07274	2.97347	2.69718	0.806293	1
ch	16995606	TNFSF13B;TNFSF13B	0.0698452	0.0472426	0.3733	1.85966	0.0178287	0.508069	-1.64455	0.0536352	0.671397	-1.48994	0.0609369	0.647589	-1.54398	0.0274197	0.647589	-1.54398	0.147509	1.14729	1.14729	0.0772042	0.414423	-2.41337	0.0135717	0.847171	-1.18047	0.115559	0.621774	-1.6083	2.97346	3.51586	1.05133	1
ch	12959265	DPY19L1	0.0698452	0.42448	0.879785	-1.13664	0.272972	1.1962	1.1962	0.0204491	0.644927	-1.55056	0.188206	0.803363	-1.24477	0.969404	0.993995	1.00604	0.0427212	0.693297	-1.44238	0.0405585	1.44971	1.44971	0.561344	1.09661	1.09661	0.823444	1.03571	1.03571	2.97346	1.16114	0.347112	1
ch	20091620	C10orf4	0.0698465	0.59703	0.916886	-1.09065	0.00440577	0.185567	-1.8556	0.0690997	1.39207	1.39207	0.233673	0.816222	-1.22516	0.318693	1.18247	1.18247	0.755569	1.0521	1.0521	0.979882	0.995725	-1.00429	0.157719	1.27849	1.27849	0.395062	0.867914	-1.15219	2.97344	1.24563	0.372373	1
ch	18304448	MSC;45300	0.0698468	0.00742944	0.59753	-1.67331	0.0129013	0.311551	-3.21011	0.0538102	0.18898	-5.29151	0.0183102	0.17898	-5.5878	0.0138356	0.238914	2.08972	0.0053165	0.69374	-1.44128	0.0118356	0.284914	2.28884	0.0124997	0.17171	5.82417	0.0060814	0.893175	0.89975	2.97344	33.5829	10.0394	1
ch	21073637	PPP2R5E	0.0698487	0.2266961	1.20077	1.20077	0.178201	0.813665	-1.22901	0.0642566	1.34946	1.34946	0.037802	1.41513	1.41513	0.241701	0.838079	-1.1932	0.41962	1.12622	1.12622	0.50502	1.10242	1.10242	0.0320512	1.43624	1.43624	0.208587	0.826062	-1.21056	2.97343	0.978502	0.292517	1
ch	19507489	REXO1	0.0698485	0.646382	0.909086	-1.09987	0.0218207	0.10512	1.09512	0.183641	0.825182	-1.21185	0.0712648	0.708098	-1.41735	0.612769	1.07232	1.07232	0.0275565	1.43611	1.43611	0.0135775	0.934208	1.14917	1.14917	0.0135775	0.934208	1.14917	1.14917	0.0135775	0.934208	1.14917	1.07146	0.191134	1.20847	1.20847	2.97341	0.883377	0.263484	1
ch	05505925	RAB21	0.0698488	0.185265	1.23172	1.23172	0.574753	1.3754	1.3754	0.123375	1.28095	1.28095	0.0588991	1.70673	1.70673	0.945023	1.01028	1.01028	0.750062	0.953693	1.04856	0.113445	0.774504	-1.29115	0.670857	1.06547	1.06547	0.950445	1.00926	1.00926	2.9734	1.03643	0.309836	1
ch	04990989	CMBL	0.0698491	0.0744419	1.54372	1.54372	0.881826	0.968025	-1.03303	0.325137	0.800938	-1.24854	0.112197	1.45912	1.45912	0.0483566	1.63692	1.63692	0.693734	1.09031	1.09031	0.638238	1.109	1.109	0.160421	0.720655	-1.38763	0.0255424	0.560077	-1.78547	2.9734	2.24756	0.671903	1
ch	15988091	LOXL3	0.0698493	0.0844513	0.404	-2.47523	0.218865	0.0953092	1.7217	-4.50965	0.0661873	0.836569	-2.32251	0.724624	0.8650311	-1.15594	0.0900042	0.398054	-2.51254	0.164536	0.544536	-1.83642	0.0470709	0.335831	-2.97816	0.046223	-2.16343	0.367978	0.684501	1.46092	2.97339	0.790108	0.3656	1
ch	15374751	LPIN1	0.0698526	0.123161	1.94049	1.94049	0.158118	1.81965	0.00733561	0.94313	0.94313	0.04784	2.43458	2.43458	0.134653	1.89695	1.89695	0.07729	0.877295	0.06325	0.54062	0.782015	-1.27875	0.192333	1.72927	1.72927	0.0302419	1.74922	2.74922	0.373334	0.74198	2.21817	1
ch|18437077	FLOD3;PLOD3;ZNHIT1	0.0698546	0.75811	1.07403	1.07403	0.0708367	0.0976576	1.09271	-1.08756	0.0659357	0.913537	-1.79792	0.0844749	0.821881	-1.21693	0.0837037	0.850357	-1.17587	0.699083	1.43041	1.43041	0.0135717	0.934208	1.14917	1.14917	0.0135717	0.934208	1.14917	1.14917	0.0135717	0.934208	1.14917	0.155591	0.0155717	0.621774	-1.6083	2.97336	0.154364	0.038566	1
ch	23298114	EXT1	0.0698547	0.0228382	0.202949	-4.92735	0.456438	0.641401	-1.55909	0.310871	0.541215	-1.84769	0.0455007	0.261067	-3.83043	0.0493133	0.268817	3.72	0.0427212	0.693297	-1.44238	0.0405585	1.44971	1.44971	0.561344	1.09661	1.09661	0.823444	1.03571	1.03571	2.97346	1.16114	0.347112	1
ch	08641706	LOC150568	0.0698552	0.613976	0.82973	-1.20521	0.0968241	1.95209	1.95209	0.989442	1.00487	1.00487	0.32181	1.45589	1.45589	0.395534	0.726639	-1.3762	0.293666	1.49225	1.49225	0.005358	3.84176	3.84176	0.0275559	2.60212	2.60212	0.258561	1.54127	1.54127	2.97329	6.34205	1.89601	1
ch	03749094	AFF3;AFF3	0.0698555	0.19437	1.49785	1.49785	0.473106	0.80784	-1.23787	0.0319323	0.387522	-2.5805	0.0194617	0.497785	2.00962	0.0183102	0.389884	2.56505	0.779075	1.08576	1.08576	0.183977	1.5101	1.5101	0.0179755	1.17885	1.17885	0.168256	0.650904	-1.53632	2.97329	4.02755	1.20395	1
ch	01070404	PLEKHM3;PLEKHM3	0.0698569	0.271682	0.744775	-1.34269	0.882456	0.962616	-1.03884	0.118737	0.646540	-1.54667	0.0129064	2.21423	2.21423	0.352129	0.781465	-1.27965	0.243778	1.36898	1.36898	0.0357727	0.533039	-1.87603	0.522849	1.18148	1.18148	0.570303	0.862669	-1.15919	2.97326	3.12296	0.933641	1
ch	04242898	CYB561;CYB561;CYB561	0.0698863	0.171912	1.35792	-1.15762	0.0708485	0.8514	-1.88058	0.0448453	0.224661	2.02461	0.484229	0.534913	1.24912	0.0483024	0.493557	-2.02604	0.0275646	1.70585	1.70585	0.0170455	0.588682	1.88682	0.0170455	0.588682	1.88682	0.0170455	0.588682	1.88682	0.0170455	0.588682	1.88682	0.022606	0.990424	0.990424	-1.00976	0.915496	1.37829	1
ch	00461174	ATF7IP	0.0698647	0.637868	0.8586	-1.16469	0.611135	0.98788	-1.17926	0.705588	1.12981	1.12981	0.873653	1.08295	1.08295	0.0113445	0.770584	-1.29705	0.407035	1.30024	1.30024	0.331106	0.295646	0.705581	-1.41727	0.202688	1.54106	0.541046	0.836346	1.92753	1.92753	0.0502814	0.690325	1.44859	2.97313	1.84605	1.45572	1
ch	27598632	DEFB108B;DEFB106A	0.0698647	0.147991	0.258077	-3.87481	0.0410575	0.127779	-7.82603	0.0961921	0.203038	-4.92519	0.165705	0.27521	-3.63359	0.0333078	0.114061	-8.76724	0.286138	0.380313	-2.62942	0.00708298	0.0479825	-20.8409	0.0701752	0.170893	-5.85162	0.064991	0.16391	-6.10091	2.97313	35.8666	10.7212	1
ch	25183470	C7orf36	0.0698655	0.582489	1.17932	1.17932	0.708485	0.8514	-1.18055	0.464876	0.224661	2.02461	0.484229	0.534913	1.24912	0.0483024	0.493557	-2.02604	0.127823	0.597831	-1.67271	0.020948	0.990424	-1.00976	0.915496	1.37829	1.37829	0.0502814	0.690325	-1.44859	2.97313	1.84605	1.45572	1
ch	02114133	TTD	0.0698662	0.156222	1.57866	-1.72991	0.223422	0.629896	-1.58756	0.801281	1.09541	1.09541	0.521981	0.790973	-1.26427	0.029544	0.396197	-2.524	0.228254	1.57923	1.57923	0.12996	1.80584	1.80584	0.0721887	2.06486	2.06486	0.0802318	0.49598	-2.01621	2.9731	6.14754	1.83797	1
ch	03115835	DHDDS;DHDDS;DHDDS	0.0698669	0.188842	2.1736	2.1736	0.0178045	0.146136	2.14534	0.0853434	0.607512	1.64613	0.0163165	0.734993	1.36095	0.0179512	0.610635	-1.63782	0.98528	1.0501	1.0501	0.0004568	1.110098	-9.00109	0.622562	1.13606	1.13606	0.0513198	0.103709	9.64355	2.97309	1.36049	0.351988	0.0930359	1.46755	1
ch	24862443	LEP	0.0698695	0.6466	0.935669	-1.06875	0.198522	1.21618	1.21618	0.0580222	0.73446	-1.36154	0.379182	1.13877	1.13877	0.395038	0.882084	-1.13368	0.221311	1.20343	1.20343	0.105233	1.29041	1.29041	0.542061	0.91494	-1.09297	0.0106106	1.58862	1.58862	2.97305	0.976881	0.29207	1
ch	25183470	C7orf36	0.0698655	0.582489	1.17932	1.17932	0.708485	0.8514	-1.18055	0.464876	0.224661	2.02461	0.484229	0.534913	1.24912	0.0483024	0.493557	-2.02604	0.127823	0.597831	-1.67271	0.020948	0.990424	-1.00976	0.915496	1.37829	1.37829	0.0502814	0.690325	-1.44859	2.97313	1.84605	1.45572	1
ch	02114133	TTD	0.0698662	0.156222	1.57866	-1.72991	0.223422	0.629896	-1.58756	0.801281	1.09541	1.09541	0.521981	0.790973	-1.26427	0.029544	0.396197	-2.524	0.228254	1.57923	1.57923	0.12996	1.80584	1.80584	0.0721887	2.06486	2.06486	0.0802318	0.49598	-2.01621	2.9731	6.14754	1.83797	1
ch	03115835	DHDDS;DHDDS;DHDDS	0.0698669	0.188842	2.1736	2.1736	0.0178045	0.146136	2.14534	0.0853434	0.607512	1.64613	0.0163165	0.734993	1.36095	0.0179512	0.610635	-1.63782	0.98528	1.0501	1.0501	0.0004568	1.110098	-9.00109	0.622562	1.13606	1.13606	0.0513198	0.103709	9.64355	2.97309	1.36049	0.351988	0.0930359	1.46755	1
ch	24862443	LEP	0.0698695	0.6466	0.935669	-1.06875	0.198522	1.21618	1.21618	0.0580222	0.73446	-1.36154	0.379182	1.13877	1.13877	0.395038	0.882084	-1.13368	0.221311	1.20343	1.20343	0.105233	1.29041	1.29041	0.542061	0.91494	-1.09297	0.0106106	1.58862	1.58862	2.97305	0.976881	0.29207	1
ch	04696391	PAQR4	0.0698701	0.31458	1.69683	1.69683	0.0235723	3.93509	1.89376	0.196196	0.203636	2.03636	0.410709	1.52645	1.52645	0.0178276	0.802146	-1.24656	0.80146	1.16225	1.16225	0.0927008	0.90146	1.21494	1.21494	0.0927008	0.90146	1.21494	1.21494	0.0927008	0.90146	1.21494	0.194918	0.992333	0.97304	1.01019	0.553448	1
ch	20950633	CDLQ;CDLQ;CDLQ;CDLQ	0.0698702	0.0609278	0.26443	-3.78172	0.078271	0.391843	-2.55224	0.304329	0.644139	-1.55246	0.171138	1.82666	1.82666	0.0201274	0.407214	-3.64949	0.0443428	0.384833	-2.59853	0.115032	0.492666	0.210495	0.324819	-4.92358	0.0234528	0.257125	-3.8904	0.0272579	-1.7494	2.97279	0.84889	0.240668	1
ch	17561435	BMPER	0.0698724	0.152138	1.28356	1.28356	0.909236	1.01873	1.01873	0.247789	1.21729	1.21729	0.8241	0.964421	-1.03689	0.982953	0.996529	-1.00348	0.0160789	0.619166	-1.61507	0.0160767	1.6151	1.6151	0.68062	0.934866	-1.06967	0.276479	0.831766	-1.20226	2.973	1.24688	0.372803	1
ch	07134824	HOXD4;MIR10B	0.0698738	0.0749384	16.3774	16.3774	0.0201542	0.481	1.48101	0.0201522	18.3781	18.3781	0.920423	1.96146	-1.14818	0.0947091	1.12746	1.12746	0.0765717	15.2392	15.2392	0.0159082	68.1865	68.1865	0.0827202	14.2545	14.2545	0.164016	1.79484	1.79484	2.97289	0.90259	26.9176	7.75354	1
ch	05652817	SPATA20	0.0698792	0.159934	0.54286	-1.8421	0.0118409	0.282358	-3.54161	0.170551	0.555813	-1.79917	0.325924	0.664856	-1.50408	0.0161371	0.305872	-3.26934	0.278403	0.635355	-1.57392	0.0229713	0.334662	-2.98809	0.845483	0.924483	-1.08169	0.0574796	0.421211	-2.37411	2.97288	7.62536	2.27998	1
ch	02334775	ISG20	0.0698797	0.0994118	0.568204	-1.75953	0.0741496	0.980928	-1.01017	0.111278	0.581036	-1.72106	0.477148	0.797531	-1.25387	0.0888037	0.352668	-2.83553	0.200252	0.65477	-1.52725	0.0320557	0.455637	-2.19473	0.164073	0.599163	-1.66829	0.0876512	-1.01254	2.97287	6.62135	1.97939	1
ch	02213281	KIF5C;MIR1978	0.0698802	0.868404	1.10219	1.10219	0.00975323	0.806856	0.806856	0.0178055	1.50488	1.50488	0.0484109	1.27128	1.27128	0.0701826	1.24896	-1.23981	0.867097	1.10173	1.10173	0.0294918	1.89154	1.89154	0.640101	1.31837	1.31837	0.923583	0.940258	-1.05757	2.97283	6.21112	1.84722	1
ch	00461642	PANK1;PANK1;PANK1	0.0698826	0.00660188	1.38466	1.38466	0.741455	1.03103	0.143598	0.0155	1.03103	0.948556	0.0990463	-1.00597	0.455825	1.07261	1.07261	0.730799	1.03239	1.03239	0.163442	1.14712	1.14712	0.342362	0.899127	-1.11954	0.0510313	0.814574	-1.22764	0.211673	1.1291	1.1291	2.97282	0.40097	0.119892	1
ch	20955478	PSMB5;PSMB5;PSMB5	0.0698831	0.0298606	0.319158	-3.13276	0.0766683	0.57328	-1.74419	0.167151	0.89309	-1.12005	0.0713955	0.659377	1.05234	0.0129439	0.682646	-1.46504	0.0276512	0.660245	-1.51466	0.0199211	0.719966	1.13278	0.560373	0.707581	-1.41398	0.0139881	0.713763	1.40182	2.97282	0.70154	0.210421	1
ch	18809947	PBX2	0.0698838	0.057308	2.76571	2.76571	0.0225351	3.64194	3.64194	0.183192	1.99058	1.99058	0.153823	2.05927	2.05927	0.832565	0.906496	-1.10534	0.0846175	2.46539	2.46539	0.590488	1.29305	1.29305	0.0222021	3.65812	3.65812	0.0172769	0.94325	3.94325	2.9728	10.5376	3.15081	1
ch	15475055	CLI2	0.0698843	0.572066	0.867571	-1.11596	0.312524	1.12112	1.12112	0.0070818	0.94503	1.94503	0.944065	0.985861	-1.01434	0.123795	0.730033	-1.3698	0.0625888	1.49289	1.49289	0.292102	0.83138	-1.23247	0.110154	0.303987	1.30387	0.524477	1.13126	1.13126	2.97279	1.72158	0.514767	1
ch	06034459	PAK2	0.0698845	0.197561	1.569407	-1.75621	0.0475588	0.291813	-2.55224	0.304329	0.644139	-1.55246	0.171138	1.82666	1.82666	0.0201274	0.407214	-3.64949	0.0443428	0.384833	-2.59853	0.115032	0.492666	0.210495	0.324819	-4.92358	0.0234528	0.257125	-3.8904	0.0272579	-1.7494	2.97279	0.84889	0.240668	1
	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C																														
ch	16307325	A1C;CACNA1C;CACNA1C	0.0698848	0.677977	0.920142	-1.08632	0.0103391	1.89745	1.89745	0.821926	1.04571	1.04571	0.409582	1.18201	1.18201	0.0074208	1.67726	1.67726	0.826645	0.957443	-1.04445	0.0141078	1.82335	1.82335	0.405053	1.17106	1.17106	0.192629	1.13443	1.13443	2.97279	1.85097	0.553456	1
ch	15114672	VCAN;VCAN;VCAN;VCAN	0.0698889	0.345557	0.549356	-1.82031	0.0514406	0.254795	-3.92473	0.268537	0.491353	-2.0352	0.128287	0.362863	-2.75586	0.00283087	0.0792586	-12.6169	0.106284	0.337025	-2.96714	0.0813289	0.303791	-3.29174	0.197338	0.431571	-2.31712	0.115335	0.347977	-2.87375	2.97272	17.9009	5.35265

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg10690439	SPATA13;SPATA13	0.0699921	0.008312	2.52905	2.52905	0.614782	0.869737	-1.14977	0.829747	0.942495	-1.06101
cg06035645	ACSF3;ACSF3;ACSF3	0.0699929	0.00424922	0.205121	-4.87517	0.148471	0.526411	-1.89966	0.965842	1.01789	1.01789
cg08124923	SOHLH2	0.0699937	0.774447	0.841963	-1.1877	0.774938	1.18724	1.18724	0.422231	0.612124	-1.63366
cg14389169	SCLT1;C4orf33;C4orf33	0.0699939	0.0434113	0.148927	-6.71471	0.629973	0.671683	-1.4888	0.932082	1.07238	1.07238
cg27482328	MUC5B	0.0699961	0.0903257	0.586614	-1.7047	0.0716933	0.562873	-1.7766	0.0312409	0.485625	-2.0592
cg05078726	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.0699966	0.902218	0.973749	-1.02696	0.904439	1.02634	1.02634	0.245589	0.768859	-1.30063
cg10502220	GPM6A;GPM6A;GPM6A;GPM6A	0.0699968	0.595624	0.863	-1.15875	0.882633	1.04147	1.04147	0.476699	1.22024	1.22024
cg18233595	PRRC1;PRRC1	0.0699978	0.932711	1.02201	1.02201	0.439927	0.815099	-1.22684	?	?	?
cg07621684	ST3GAL1;ST3GAL1	0.0699989	0.594001	0.953803	-1.04843	0.0165151	1.29366	1.29366	0.0233992	1.26883	1.26883
cg13740187	TPM3	0.070001	0.0395982	0.153002	-6.53586	0.135522	0.281101	-3.55744	0.299309	0.428046	-2.3362
cg22139555	PDGFRL	0.0700011	0.625164	0.918541	-1.08868	0.00188575	2.13886	2.13886	0.820552	1.03999	1.03999

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cg10690439	0.789483	1.07637	1.07637	0.023862	2.09914	2.09914	0.356167	1.29826	1.29826
cg06035645	0.793607	0.89713	-1.11467	0.659904	0.832487	-1.20122	0.105406	0.480744	-2.08011
cg08124923	0.304444	0.529012	-1.89032	0.750489	1.21047	1.21047	0.779369	0.845231	-1.18311
cg14389169	0.188004	0.318629	-3.13844	0.0432887	0.148712	-6.72439	0.223487	0.350447	-2.8535
cg27482328	0.993012	0.9975	-1.00251	0.00701334	0.369233	-2.70832	0.702002	1.11613	1.11613
cg05078726	0.419521	1.19544	1.19544	0.0234203	0.556508	-1.79692	0.0463527	1.63873	1.63873
cg10502220	0.0553656	1.81743	1.81743	0.642995	0.879499	-1.13701	0.268733	0.728425	-1.37283
cg18233595	0.0111533	0.40903	-2.44481	0.194666	0.697053	-1.43461	0.603862	0.873423	-1.14492
cg07621684	0.0678306	0.835422	-1.197	0.673876	1.03791	1.03791	0.18943	1.12998	1.12998
cg13740187	0.0396836	0.153164	-6.52896	0.0783383	0.213822	-4.6768	0.0797272	0.215683	-4.63643
cg22139555	0.576069	1.10239	1.10239	0.63804	0.921481	-1.08521	0.526022	0.895046	-1.11726

Probeset ID	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10690439	0.0221819	2.12582	2.12582	0.506542	1.20365	1.20365	0.851686	0.949825	-1.05283	2.97095	3.5593	1.06492	1
cg06035645	0.0718976	0.435251	-2.29752	0.642098	1.21383	1.21383	0.233914	1.6764	1.6764	2.97094	8.06523	2.41307	1
cg08124923	0.00151346	0.0648545	-15.4191	0.0872131	0.322834	-3.09756	0.454811	0.633941	-1.57743	2.97093	16.8663	5.04631	1
cg14389169	0.00353313	0.0390792	-25.5891	0.398605	0.492377	-2.03096	0.120367	0.251273	-3.97974	2.97092	31.6251	9.4621	1
cg27482328	0.38706	0.776172	-1.28837	0.140864	0.635939	-1.57248	0.074871	0.567243	-1.76291	2.97089	3.84287	1.14979	1
cg05078726	0.0237275	1.79374	1.79374	0.833125	1.04672	1.04672	0.311599	1.25429	1.25429	2.97088	2.20409	0.659465	1
cg10502220	0.0223813	0.471071	-2.12282	0.0659651	0.566964	-1.76378	0.0737416	1.7304	1.7304	2.97087	3.56053	1.06531	1
cg18233595	0.170557	1.46942	1.46942	?	?	?	0.0341299	0.509018	-1.96457	3.59539	2.80181	0.667952	1
cg07621684	0.900321	1.01108	1.01108	0.740349	1.02967	1.02967	0.130168	1.15455	1.15455	2.97084	0.363624	0.108798	1
cg13740187	0.0112368	0.0816376	-12.2493	0.044529	0.162059	-6.1706	0.0615544	0.189919	-5.26541	2.9708	29.276	8.75963	1
cg22139555	0.173408	0.778825	-1.28399	0.816604	0.960703	-1.0409	0.984864	1.00328	1.00328	2.9708	1.4012	0.419252	1

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cg21239572	ACTL7B	0.0701509	0.0443042	0.686459	-1.45675	0.880347	1.02483	1.02483	0.563689	0.90932	-1.09972	0.865486	1.02799	1.02799	0.353226	0.855939	-1.16831	0.977772	1.00455	1.00455	0.00558546	1.8088	1.8088	0.450406	0.882287	-1.13342	0.150899	0.778268	-1.2849	2.96825	1.24671	0.373348	1
cg13751417	VAV2;VAV2	0.070152	0.208272	1.2493	1.2493	0.6351	0.922925	-1.08351	0.9513	0.989805	-1.0103	0.00625292	1.81814	1.81814	0.208019	1.24947	1.24947	0.718448	1.06263	1.06263	0.0318297	1.52516	1.52516	0.602757	1.09209	1.09209	0.140139	0.766209	-1.30513	2.96823	1.32329	0.396283	1
cg07181406	CAPN2;CAPN2	0.0701528	0.329375	2.91957	2.91957	0.170276	4.73287	4.73287	0.0318826	14.5378	14.5378	0.279828	3.30626	3.30626	0.873905	1.18418	1.18418	0.869491	0.839435	-1.19128	0.0143573	24.8437	24.8437	0.00951197	32.9967	32.9967	0.111697	6.32102	6.32102	2.96822	53.259	15.9494	1
cg19038804	GAST	0.0701528	0.893597	1.01858	1.01858	0.328825	1.14873	1.14873	0.846989	1.02693	1.02693	0.0875033	0.771419	-1.29631	0.420555	0.89296	-1.11987	0.201888	0.830774	-1.2037	0.00465689	1.67825	1.67825	0.262942	1.17418	1.17418	0.720253	0.951729	-1.05072	2.96822	0.889822	0.266474	1
cg14424070	BATF;BATF	0.0701533	0.73123	1.10394	1.10394	0.409479	0.785115	-1.2737	0.435394	0.79594	-1.25638	0.0122448	0.408615	-2.44729	0.297446	1.36313	1.36313	0.192926	1.48464	1.48464	0.0223218	2.19299	2.19299	0.937025	0.977593	-1.02292	0.37821	0.771595	-1.29602	2.96821	3.8666	1.15793	1
cg05143694	PLXNA4	0.0701544	0.230928	1.92285	1.92285	0.0424755	3.37206	3.37206	0.230652	0.51984	-1.92367	0.387473	1.58543	1.58543	0.810689	1.13298	1.13298	0.068783	2.88545	2.88545	0.0691312	2.88073	2.88073	0.0128399	4.99104	4.99104	0.0669273	2.91114	2.91114	2.96819	12.7245	3.81062	1
cg15202378	LHX4;LHX4	0.0701547	0.53988	1.1203	1.1203	0.00491203	1.9781	1.9781	0.599681	0.907611	-1.10179	0.720877	0.936442	-1.06787	0.725572	1.06663	1.06663	0.878674	1.02835	1.02835	0.0208625	0.601113	-1.66358	0.886965	0.974303	-1.02638	0.838323	0.963295	-1.0381	2.96818	1.57495	0.471655	1
cg20200553	EPDR1;EPDR1	0.0701557	0.818141	1.05546	1.05546	0.0457497	1.71044	1.71044	0.0268731	1.84857	1.84857	0.092783	1.54259	1.54259	0.0336854	0.559143	-1.78845	0.749981	1.07781	1.07781	0.452019	0.835629	-1.1967	0.524802	0.859813	-1.16304	0.394816	1.22661	1.22661	2.96817	2.58207	0.773262	1
cg17384114	RBM15B	0.0701557	0.3305	0.73401	-1.36238	0.90004	0.962039	-1.03946	0.433446	1.2791	1.2791	0.00168253	0.250888	-3.98584	0.992916	0.99727	-1.00274	0.431057	0.780755	-1.28081	0.916388	1.03287	1.03287	0.109912	0.584711	-1.71025	0.994301	1.0022	1.0022	2.96817	4.45835	1.33516	1
cg10824582	SIK3	0.0701559	0.203844	2.18779	2.18779	0.723759	0.812887	-1.23018	0.155233	0.411522	-2.43	0.0592516	3.46671	3.46671	0.502082	0.671873	-1.48838	0.0697652	3.26698	3.26698	0.0245445	4.77591	4.77591	0.0390414	4.03283	4.03283	0.411029	1.63352	1.63352	2.96816	16.0202	4.79764	1
cg06267718	ELFN2	0.0701563	0.546188	1.11717	1.11717	0.24523	1.2467	1.2467	0.0530462	0.671122	-1.49004	0.155913	1.31706	1.31706	0.812695	0.957852	-1.044	0.175756	0.770151	-1.29845	0.0165708	1.70051	1.70051	0.445221	1.15163	1.15163	0.145549	0.753142	-1.32777	2.96816	1.54707	0.463308	1
cg18231898	PKNOX2	0.0701568	0.0927929	0.466347	-2.14432	0.00296934	0.186059	-5.37464	0.0445735	0.386243	-2.58904	0.808116	0.904516	-1.10556	0.102347	0.478382	-2.09038	0.361067	0.678919	-1.47293	0.163878	0.541862	-1.84549	0.482398	0.744924	-1.34242	0.836692	1.08886	1.08886	2.96815	7.99716	2.39496	1
cg19698570	DOHH;DOHH	0.0701583	0.820813	1.0828	1.0828	0.0174387	2.75896	2.75896	0.122623	1.79788	1.79788	0.19139	1.62422	1.62422	0.0080133	3.29176	3.29176	0.0465886	2.22357	2.22357	0.564152	0.81511	-1.22683	0.655779	1.17037	1.17037	0.857634	1.06499	1.06499	2.96812	5.78001	1.73099	1
cg03275067	MIR548G;C3orf26	0.0701599	0.491565	1.43703	1.43703	0.165649	2.1842	2.1842	0.176022	2.13674	2.13674	0.891445	1.07303	1.07303	0.133234	0.423366	-2.36203	0.00519106	0.119998	-8.33347	0.506589	0.70497	-1.4185	0.403174	0.640692	-1.56081	0.380371	0.625829	-1.59788	3.51016	14.1029	2.67849	1
cg19365706	EPHB4	0.0701629	0.180316	0.796053	-1.2562	0.0342546	1.48587	1.48587	0.00766161	0.577249	-1.73235	0.517689	1.11087	1.11087	0.823766	0.964873	-1.03641	0.608261	1.08641	1.08641	0.689046	1.06661	1.06661	0.203982	1.23977	1.23977	0.928375	0.98569	-1.01452	2.96805	1.20815	0.361825	1
cg13640091	FARP1	0.0701694	0.290944	1.26807	1.26807	0.481652	1.16765	1.16765	0.321253	1.24868	1.24868	0.00788711	2.09304	2.09304	0.175626	1.36629	1.36629	0.0833927	1.51488	1.51488	0.049394	1.62582	1.62582	0.0969025	0.673751	-1.48423	0.647384	1.10495	1.10495	2.96793	2.20763	0.661181	1
cg15769256	SIN3A	0.0701704	0.254624	0.848444	-1.17863	0.83069	1.03003	1.03003	0.812089	0.967629	-1.03345	0.960151	0.99312	-1.00693	0.146916	1.23998	1.23998	0.854726	0.974994	-1.02565	0.432553	1.11702	1.11702	0.00340713	1.73316	1.73316	0.0511216	1.35923	1.35923	2.96792	0.897397	0.26877	1
cg23723793	BATF	0.0701715	0.934711	0.990077	-1.01002	0.00612688	1.54552	1.54552	0.429797	1.10307	1.10307	0.593382	0.936507	-1.0678	0.108336	1.23765	1.23765	0.180339	1.18906	1.18906	0.0126942	1.45791	1.45791	0.701409	1.04801	1.04801	0.230239	1.16557	1.16557	2.9679	0.696373	0.208564	1
cg26222247	ANPEP	0.070173	0.0722009	4.51097	4.51097	0.0118413	10.5827	10.5827	0.12577	3.46894	3.46894	0.310856	2.19733	2.19733	0.100688	3.85719	3.85719	0.276981	2.33709	2.33709	0.0096077	11.7206	11.7206	0.299445	2.24204	2.24204	0.044377	5.66147	5.66147	2.96787	26.4959	7.93563	1
cg15167202	SYNPO;SYNPO	0.0701739	0.202461	0.772583	-1.29436	0.00662217	1.96564	1.96564	0.20666	1.29094	1.29094	0.916745	0.98015	-1.02025	0.463289	0.866629	-1.1539	0.417598	1.17214	1.17214	0.631193	1.09718	1.09718	0.435991	1.1646	1.1646	0.0532442	0.656346	-1.52359	2.96786	1.72808	0.517569	1
cg18184075	C22orf13;SNRPD3;C22orf13	0.070174	0.873293	1.02859	1.02859	0.774626	0.950557	-1.05201	0.728008	1.06361	1.06361	0.750194	1.05804	1.05804	0.911225	0.980493	-1.01989	0.0763471	1.4166	1.4166	0.439768	1.14932	1.14932	0.0027013	2.07938	2.07938	0.0374247	1.53198	1.53198	2.96786	1.46642	0.439202	1
cg13808071	GREB1;GREB1	0.0701746	0.373642	0.640635	-1.56095	0.0474268	3.02158	3.02158	0.49262	1.40463	1.40463	0.971779	1.0174	1.0174	0.00660295	0.179152	-5.58184	0.255632	0.560664	-1.7836	0.946381	1.03334	1.03334	0.984013	0.990278	-1.00982	0.0957022	0.409713	-2.44073	2.96785	11.1747	3.3469	1
cg25055477	NUDT3	0.0701763	0.22683	0.66137	-1.51201	0.0265182	2.35587	2.35587	0.134665	1.69135	1.69135	0.367313	1.35222	1.35222	0.503599	0.801591	-1.24752	0.0590488	2.00288	2.00288	0.0755589	0.524896	-1.90514	0.327115	0.719196	-1.39044	0.265695	1.45924	1.45924	2.96782	4.99015	1.4946	1
cg17245135	MEF2C;MEF2C	0.0701786	0.0198863	5.1387	5.1387	0.0753983	3.1666	3.1666	0.283124	1.91435	1.91435	0.0770004	3.14248	3.14248	0.0255729	4.68623	4.68623	0.0642609	3.35572	3.35572	0.0181421	5.3156	5.3156	0.142574	2.50366	2.50366	0.0929277	2.93409	2.93409	2.96778	15.937	4.77335	1
cg02321096	SUCLG2	0.0701806	0.464621	0.722724	-1.38365	0.0068028	0.186323	-5.36704	0.0136997	0.238536	-4.19224	0.344807	0.652857	-1.53173	0.305344	0.627495	-1.59364	0.0951925	0.439125	-2.27726	0.790509	1.12247	1.12247	0.400293	1.45709	1.45709	0.331601	0.644537	-1.5515	3.50968	9.95102	1.89021	1
cg05676441	CDH18;CDH18	0.070182	0.148302	0.523672	-1.90959	0.109994	0.483471	-2.06838	0.389275	1.44494	1.44494	0.89534	1.05644	1.05644	0.0275753	0.337244	-2.96521	0.0805985	0.445558	-2.24438	0.00653488	0.228978	-4.36723	0.515715	0.759615	-1.31646	0.436639	0.718163	-1.39244	2.96772	8.18025	2.45014	1
cg26654766	PHYH	0.0701823	0.0341669	0.725937	-1.37753	0.115854	1.24791	1.24791	0.75082	1.04215	1.04215	0.0743875	1.29383	1.29383	0.244293	0.853982	-1.17099	0.205234	0.840976	-1.1891	0.0387731	0.733377	-1.36356	0.985083	1.00243	1.00243	0.211972	0.843348	-1.18575	2.96772	0.789257	0.236398	1
cg14411518	SEMA3E	0.0701829	0.340723	1.33617	1.33617	0.21328	0.679182	-1.47236	0.0730554	0.554262	-1.8042	0.116246	1.65508	1.65508	0.0685526	1.82545	1.82545	0.140768	1.59624	1.59624	0.0329161	2.08848	2.08848	0.173549	1.53327	1.53327	0.200898	1.48994	1.48994	2.9677	4.09513	1.22658	1
cg23760945	ELOF1	0.0701843	0.674473	0.886167	-1.12846	0.975788	0.991356	-1.00872	0.787575	1.08033	1.08033	0.104214	0.601605	-1.66222	0.172822	1.51441	1.51441	0.005558	0.352716	-2.83514	0.232708	1.43048	1.43048	0.400899	1.27887	1.27887	0.237506	1.42477	1.42477	2.96768	3.84667	1.15217	1
cg26163719	SNX1;SNX1;SNX1	0.0701845	0.933666	0.981349	-1.01901	0.89618	0.970906	-1.02997	0.508501	0.85925	-1.16381	0.665341	1.10343	1.10343	0.135495	0.694978	-1.4389	0.713724	0.920047	-1.0869	0.00206966	0.374968	-2.66689	0.181325	1.37841	1.37841	0.93129	0.980686	-1.01969	2.96768	2.40403	0.720063	1
cg21936959	MRGPRF;MRGPRF	0.0701848	0.108386	2.88945	2.88945	0.0418044	0.24137	-4.14302	0.0169585	0.171332	-5.83662	0.676324	1.28964	1.28964	0.186188	0.427804	-2.33752	0.511268	0.667889	-1.49726	0.10198	0.338098	-2.95773	0.163058	0.405753	-2.46455	0.406564	1.67261	1.67261	2.96767	17.2511	5.16711	1
cg17857974	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGA11;PCDHGB1;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGB7;PCDHGA6;PCDHG	0.070185	0.0662823	6.02163	6.02163	0.0114134	15.7933	15.7933	0.177358	3.48884	3.48884	0.108398	4.60183	4.60183	0.495269	1.82859	1.82859	0.596497	1.59315	1.59315	0.170374	3.57019	3.57019	0.0121817	15.2235	15.2235	0.0358518	8.39965	8.39965	2.96767	35.7055	10.6947	1
cg06443542	HPS1;HPS1	0.070186	0.583943	1.16201	1.16201	0.0787197	1.69914	1.69914	0.415452	1.25355	1.25355	0.329159	1.31445	1.31445	0.0711904	1.72834	1.72834	0.256331	1.37944	1.37944	0.0643642	1.75805	1.75805	0.00411611	2.84286	2.84286	0.0313174	1.98534	1.98534	2.96765	3.46445	1.03769	1
cg04512383	C10orf119	0.0701861	0.30316	0.86697	-1.15344	0.49065	1.09824	1.09824	0.210954	1.19293	1.19293	0.0323806	0.715126	-1.39835	0.537371	0.919808	-1.08718	0.270727	0.857718	-1.16588	0.27743	1.16321	1.16321	0.160936	1.22192	1.22192	0.0195146	1.4591	1.4591	2.96765	0.841968	0.252192	1
cg01534390	SLC7A7;SLC7A7;SLC7A7	0.0701873	0.240123	0.417173	-2.39709	0.0394201	0.183844	-5.43939	0.166695	0.350623	-2.85207	0.607474	0.691913	-1.44527	0.150326	0.334222	-2.99203	0.15223	0.336168	-2.9747	0.0118054	0.106994	-9.34636	0.00757932	0.0870405	-11.4889	0.187939	0.370908	-2.69609	2.96763	23.7472	7.11296	1
cg00930306	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.0701887	0.0714115	0.567563	-1.76192	0.208462	0.688643	-1.45213	0.0305485	0.489215	-2.04409	0.170402	0.663173	-1.5079	0.0823491	0.581958	-1.71834	0.181083	0.670691	-1.491	0.0853593	0.585652	-1.7075	0.559324	0.84697	-1.18068	0.00434094	0.342236	-2.92196	2.96761	3.71948	1.1141	1
cg07102705	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.0701904	0.835909	1.03568	1.03568	0.66788	1.07568	1.07568	0.00170721	2.132	2.132	0.991938	1.00171	1.00171	0.63158	0.921589	-1.08508	0.245225	0.814292	-1.22806	0.547282	0.902183	-1.10842	0.846554	0.967785	-1.03329	0.536404	0.89959	-1.11162	2.96758	1.34264	0.402167	1
cg01749702	C20orf202	0.0701904	0.0312457	0.100943	-9.90657	0.707501	0.710347	-1.40776	0.340985	0.410523	-2.43592	0.329154	0.401005	-2.49374	0.0324695	0.103161	-9.69357	0.121954	0.21848	-4.57708	0.0117659	0.0575628	-17.3723	0.0205005	0.0794167	-12.5918	0.126912	0.22359	-4.47248	2.96758	38.6929	11.5898	1
cg14844130	VPREB1	0.0701915	0.131521	0.395895	-2.52592	0.798319	0.864389	-1.15689	0.0061742	0.130968	-7.63547	0.34058	0.571795	-1.74888	0.629607	0.758373	-1.31861	0.406292	0.616605	-1.62178	0.00571462	0.127136	-7.86562	0.776228	0.850278	-1.17609	0.494984	0.674097	-1.48347	2.96756	15.2244	4.56026	1
cg06910925	FAM59A	0.0701916	0.456958	1.53441	1.53441	0.0367221	3.94153	3.94153	0.179047	2.24058	2.24058	0.136254	2.47762	2.47762	0.665816	0.782247	-1.27837	0.0991443	0.359981	-2.77792	0.0545877	0.291594	-3.42943	0.167798	2.29531	2.29531	0.261114	0.515625	-1.93939	2.96756	15.0127	4.49684	1
cg19646028	MIR7-3;C19orf30	0.0701919	0.84966	1.04454	1.04454	0.180039	0.721097	-1.38678	0.220722	1.34403	1.34403	0.84497	1.04599	1.04599	0.0967884	0.657932	-1.51992	0.33433	0.795587	-1.25693	0.0812517	0.64154	-1.55875	0.00428861	0.415906	-2.40439	0.976947	1.00666	1.00666	2.96755	2.47893	0.74253	1
cg00475193	TM7SF2	0.0701935	0.956344	0.989107	-1.01101	?	?	?	0.0130815	1.85119	1.85119	0.0451557	1.58381	1.58381	0.199054	1.31193	1.31193	0.54135	0.883641	-1.13168	0.171445	0.747289	-1.33817	0.075718	1.48515	1.48515	0.81598	1.04774	1.04774	3.00632	1.69414	0.563526	1
cg26526953	SCAMP4	0.0701938	0.242428	1.26986	1.26986	0.0468036	1.55968	1.55968	0.670305	1.08723	1.08723	0.635386	0.910941	-1.09777	0.295762	1.23581	1.23581	0.144674	1.3579	1.3579	0.00367514	2.15309	2.15309	0.191594	1.30994	1.30994	0.0535018	1.53459	1.53459	2.96752	1.79233	0.536872	1
cg14890726	CCDC52;CCDC52	0.0701953	0.75111	0.970722	-1.03016	0.0104466	1.35126	1.35126	0.0867781	1.1932	1.1932	0.236039	1.12295	1.12295	0.665674	1.04143	1.04143	0.553246	0.94553	-1.05761	0.0284013	0.785383	-1.27326	0.672169	0.961031	-1.04055	0.738034	1.03184	1.03184	2.96749	0.409848	0.122767	1
cg03031773	ATP5G1;ATP5G1	0.070196	0.461119	0.888285	-1.12576	0.43817	0.882624	-1.13299	0.866079	0.973703	-1.02701	0.0148284	0.622961	-1.60524	0.793082	1.04238	1.04238	0.0572544	0.712057	-1.40438	0.0367387	0.681737	-1.46684	0.955811	0.991289	-1.00879	0.0604392	1.39694	1.39694	2.96748	1.17155	0.350931	1
cg00547839	METTL2B	0.0701965	0.214341	0.784887	-1.27407	0.00815507	1.87271	1.87271	0.109254	1.38205	1.38205	0.495371	0.879617	-1.13686	0.15781	0.755922	-1.32289	0.343573	0.834622	-1.19815	0.175489	0.765731	-1.30594	0.588126	1.10662	1.10662	0.584656	0.902786	-1.10768	2.96747	1.6134	0.483284	1
cg10380108	C5orf48	0.0701976	0.28409	0.518156	-1.92992	0.653205	0.765503	-1.30633	0.239458	0.482964	-2.07055	0.377361	0.585562	-1.70776	0.034901	0.233975	-4.27395	0.867756	0.906231	-1.10347	0.00292874	0.089389	-11.1871	0.311362	0.538576	-1.85675	0.0414866	0.249316	-4.01097	2.96746	16.4062	4.91441	1
cg24581657	ANGPT4	0.0701996	0.0924074	0.546848	-1.82866	0.008429	2.99342	2.99342	0.212576	1.53397	1.53397	0.697507	1.13575	1.13575	0.079614	0.530447	-1.8852	0.507954	0.803417	-1.24468	0.327552	0.719377	-1.39009	0.394013	0.752368	-1.32914	0.79507	0.918671	-1.08853	2.96742	4.99146	1.49519	1
cg05808509	TBRG1;TBRG1	0.0702004	0.651475	0.906301	-1.10339	0.777495	1.06321	1.06321	0.926714	0.980292	-1.0201	0.0740865	1.53827	1.53827	0.0580221	0.629028	-1.58975	0.117615	0.692324	-1.44441	0.68581	1.09198	1.09198	0.705005	1.08577	1.08577	0.00961473	2.03235	2.03235	2.96741	2.19998	0.659007	1
cg26416811	RFX6	0.0702011	0.712141	0.822685	-1.21553	0.324274	1.70936	1.70936	0.568955	1.35416	1.35416	0.626731	0.772508	-1.29448	0.70977	0.821288	-1.2176	0.146249	2.27366	2.27366	0.307066	0.573003	-1.74519	0.00479164	7.18234	7.18234	0.0369181	3.58347	3.58347	2.9674	13.035	3.90467	1
cg19048532	HOXA3;HOXA3;HOXA3	0.0702017	0.0148653	14.9453	14.9453	0.104534	4.96114	4.96114	0.137373	4.23908	4.23908	0.189861	3.50224	3.50224	0.023704	11.4442	11.4442	0.283237	2.73577	2.73577	0.635775	1.53827	1.53827	0.0162926	14.176	14.176	0.0481046	7.68438	7.68438	2.96739	38.2938	11.471	1
cg21239997	C2orf84	0.0702029	0.0340819	0.21942	-4.55746	0.0299772	0.208913	-4.78669	0.0544809	0.262367	-3.81145	0.947917	1.04088	1.04088	0.0110456	0.141602	-7.06204	0.263441	0.489218	-2.04408	0.924984	1.05946	1.05946	0.690376	1.27833	1.27833	0.875205	1.10118	1.10118	2.96737	17.6753	5.29473	1
cg03402443	PWRN1	0.0702068	0.0184524	0.210143	-4.75866	0.763211	0.847979	-1.17927	0.702253	1.23322	1.23322	0.347622	1.69516	1.69516	0.0436799	3.54524	3.54524	0.524283	1.42216	1.42216	0.593678	1.34164	1.34164	0.0331668	0.256904	-3.89251	0.302015	0.557907	-1.79241	2.9673	13.9978	4.19321	1
cg15482861	TUBB	0.0702073	0.734366	0.955626	-1.04643	0.0248037	0.700427	-1.4277	0.810378	0.968474	-1.03255	0.864681	0.977525	-1.02299	0.563594	0.925141	-1.08092	0.182404	1.20754	1.20754	0.00634323	1.60571	1.60571	0.618928	0.935363	-1.0691	0.885704	0.981015	-1.01935	2.96729	0.834636	0.250026	1
cg25143235	CHD5	0.0702087	0.279735	4.77643	4.77643	0.0433426	25.3723	25.3723	0.0858092	14.0411	14.0411	0.0987584	12.4163	12.4163	0.443377	0.337063	-2.96681	0.145357	8.80952	8.80952	0.668458	1.82124	1.82124	0.00618217	143.874	143.874	0.0813067	14.7165	14.7165	2.96727	91.0009	27.2607	1
cg20242392	DGKI	0.0702118	0.067015	0.422115	-2.36902	0.0834161	0.447064	-2.23681	0.649994	0.825378	-1.21157	0.259803	0.610288	-1.63857	0.00880086	0.246248	-4.06094	0.185374	0.554325	-1.80399	0.00858675	0.244576	-4.0887	0.145281	0.518395	-1.92903	0.327215	0.653838	-1.52943	2.96721	8.2938	2.48458	1
cg05801628	ARSF	0.0702167	0.0359971	0.271032	-3.6896	0.00975922	0.173921	-5.74973	0.0510065	0.304334	-3.28587	0.73509	0.833794	-1.19934	0.0478542	0.29795	-3.35627	0.195566	0.480645	-2.08054	0.058882	0.319213	-3.1327	0.057843	0.317329	-3.15131	0.58077	0.741894	-1.3479	2.96713	13.4616	4.03281	1
cg14824983	SEMA3B;SEMA3B	0.0702171	0.181014	0.825258	-1.21174	0.140414	0.806963	-1.23921	0.0482814	0.736979	-1.35689	0.0782916	1.3028	1.3028	0.876582	0.979202	-1.02124	0.724697	1.04898	1.04898	0.015931	1.4906	1.4906	0.703181	0.949546	-1.05314	0.729975	1.04797	1.04797	2.96712	0.859426	0.257466	1
cg01853561	SIM2	0.0702173	0.325358	0.533801	-1.87336	0.865532	1.11044	1.11044	0.0734633	0.29124	-3.4336	0.56912	0.700695	-1.42715	0.593645	0.716848	-1.39499	0.745984	0.817986	-1.22251	0.199473	0.432607	-2.31157	0.574115	1.42048	1.42048	0.00417689	10.7238	10.7238	2.96712	17.9544	5.37878	1
cg05638493	SLC25A2	0.0702173	0.464362	1.73811	1.73811	0.00447753	16.6691	16.6691	0.0909924	3.98296	3.98296	0.493627	1.67539	1.67539	0.679624	1.36106	1.36106	0.254232	0.413229	-2.41997	0.282101	2.2927	2.2927	0.0341206	6.26763	6.26763	0.207032	2.68524	2.68524	2.96712	25.8942	7.75738	1
cg09817677	CCDC102A	0.0702183	0.161188	0.697747	-1.43318	0.0123309	0.472626	-2.11584	0.210533	0.728096	-1.37344	0.452607	0.831912	-1.20205	0.135035	0.678761	-1.47327	0.331144	1.27272	1.27272	0.0147621	0.48596	-2.05778	0.997155	1.00086	1.00086	0.417924	1.22028	1.22028	2.9671	2.71822	0.814327	1
cg16570129	RUFY1;RUFY1;RUFY1	0.0702195	0.502724	1.17051	1.17051	0.0867438	0.645391	-1.54945	0.0258219	1.84524	1.84524	0.0208358	0.525273	-1.90377	0.951701	0.986077	-1.01412	0.144199	0.695497	-1.43782	0.332148	0.793275	-1.2606	0.717163	1.08785	1.08785	0.242584	0.753465	-1.3272	2.96708	2.51778	0.754284	1
cg22221738	SF3B4	0.0702195	0.114808	0.741395	-1.34881	0.768496	0.949802	-1.05285	0.233272	0.80407	-1.24367	0.0232044	0.622818	-1.6056	0.0516505	0.679452	-1.47177	0.0525941	0.680786	-1.46889	0.211823	0.794935	-1.25797	0.944671	1.01218	1.01218	0.00768726	0.550098	-1.81786	2.96708	1.43069	0.428611	1
cg24865110	YPEL2	0.0702232	0.113066	2.72093	2.72093	0.00502425	8.62007	8.62007	0.02409	4.76547	4.76547	0.301664	1.86097	1.86097	0.257465	1.98559	1.98559	0.0859636	3.00812	3.00812	0.181856	2.27621	2.27621	0.0475341	3.72656	3.72656	0.162896	2.37391	2.37391	2.96702	15.8302	4.74258	1
cg04272838	LOC728661;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0702238	0.505176	0.830488	-1.20411	0.32957	0.758511	-1.31837	0.174796	0.672697	-1.48655	0.00588672	2.69113	2.69113	0.186843	0.680889	-1.46867	0.426837	0.800215	-1.24966	0.21059	1.43675	1.43675	0.249927	1.39137	1.39137	0.564401	1.17357	1.17357	2.96701	3.54589	1.06232	1
cg20832020	TIGIT	0.0702242	0.0169783	0.409936	-2.4394	0.560916	0.835183	-1.19734	0.00354683	0.298029	-3.35538	0.701504	0.888723	-1.12521	0.923539	0.971022	-1.02984	0.467531	0.797365	-1.25413	0.50979	1.2273	1.2273	0.604291	1.17368	1.17368	0.612494	0.855164	-1.16937	2.967	4.40919	1.32096	1
cg25212638	KIAA1712;FBXO8;KIAA1712;FBXO8	0.0702242	0.130471	0.759303	-1.317	0.902321	1.02092	1.02092	0.135178	1.31195	1.31195	0.108871	0.744675	-1.34287	0.981021	0.995998	-1.00402	0.0055061	0.540523	-1.85006	0.129849	0.758911	-1.31768	0.297276	0.83345	-1.19983	0.623912	1.08689	1.08689	2.967	1.33572	0.400171	1
cg14889653	TOLLIP	0.0702245	0.433099	0.604452	-1.65439	0.00673959	9.12277	9.12277	0.0775203	3.43791	3.43791	0.687295	0.77518	-1.29002	0.29239	0.502849	-1.98867	0.446715	1.6292	1.6292	0.0758013	0.288321	-3.46836	0.645385	1.33859	1.33859	0.778261	1.19442	1.19442	2.967	18.611	5.57572	1
cg08912860	GALNT9	0.070225	0.706498	0.785049	-1.27381	0.012987	7.18566	7.18566	0.72553	1.25294	1.25294	0.623387	1.37249	1.37249	0.112106	0.330636	-3.02448	0.167381	0.390036	-2.56386	0.0236697	0.177632	-5.62961	0.591437	1.41429	1.41429	0.858264	0.891939	-1.12115	2.96699	19.231	5.76148	1
cg02656525	WDR36	0.0702252	0.288416	0.7897	-1.2663	0.354012	0.815231	-1.22665	0.867464	0.964852	-1.03643	0.323127	0.803616	-1.24438	0.0353565	0.591586	-1.69037	0.209692	1.32741	1.32741	0.0704885	0.648513	-1.54199	0.00554964	0.458137	-2.18275	0.890716	0.970979	-1.02989	2.96699	2.15661	0.646106	1
cg26230076	SPDYC	0.0702262	0.16401	0.761866	-1.31257	0.97372	0.993985	-1.00605	0.0110632	0.557903	-1.79243	0.581006	0.902944	-1.10749	0.0816597	0.702291	-1.42391	0.317876	0.827716	-1.20814	0.0354792	1.56578	1.56578	0.635422	1.09141	1.09141	0.300829	0.821726	-1.21695	2.96697	1.57617	0.472212	1
cg24073777	CASZ1;CASZ1	0.0702268	0.995825	1.00162	1.00162	0.025278	2.28036	2.28036	0.683798	0.880819	-1.13531	0.700515	0.887123	-1.12724	0.312057	0.723183	-1.38278	0.573688	0.838467	-1.19265	0.00947218	0.361006	-2.77004	0.109528	1.71724	1.71724	0.970011	1.01172	1.01172	2.96696	4.51304	1.35209	1
cg04643920	PFKL;PFKL	0.0702269	0.262359	0.79864	-1.25213	0.0705795	0.677886	-1.47517	0.0603729	0.665323	-1.50303	0.290746	1.23484	1.23484	0.0328603	0.618651	-1.61642	0.345243	0.829419	-1.20566	0.101559	1.41182	1.41182	0.165072	1.32964	1.32964	0.787315	0.949302	-1.05341	2.96696	1.73936	0.521106	1
cg00351735	ANKS1B;ANKS1B;ANKS1B	0.0702275	0.852998	1.04116	1.04116	0.198084	0.743919	-1.34423	0.0299396	0.573824	-1.74269	0.0475326	0.610855	-1.63705	0.134514	0.704045	-1.42036	0.646154	1.10576	1.10576	0.0296302	1.74515	1.74515	0.529181	1.14871	1.14871	0.518448	0.867303	-1.153	2.96695	2.22232	0.665802	1
cg14064488	SNX10	0.0702286	0.0200067	0.370768	-2.69711	0.340555	0.706699	-1.41503	0.308222	0.688822	-1.45175	0.908312	0.960097	-1.04156	0.00368145	0.249671	-4.00528	0.195178	0.616142	-1.623	0.153413	0.582579	-1.7165	0.573694	1.22254	1.22254	0.677291	0.862498	-1.15942	2.96693	5.87019	1.7587	1
cg24063036	DNAH17	0.0702286	0.0178041	0.467217	-2.14033	0.886826	0.963085	-1.03833	0.488648	0.830434	-1.20419	0.954344	0.984991	-1.01524	0.118444	0.639093	-1.56472	0.650734	1.12793	1.12793	0.422511	1.24159	1.24159	0.415219	0.802547	-1.24603	0.0052716	0.37847	-2.64222	2.96693	3.27818	0.982141	1
cg27412902	IL29	0.0702315	0.0428336	0.138931	-7.19783	0.0248792	0.104284	-9.58921	0.0277951	0.110598	-9.04177	0.165125	0.285457	-3.50315	0.0489022	0.148954	-6.71347	0.140061	0.260743	-3.8352	0.0256464	0.105979	-9.43581	0.0476412	0.146923	-6.80631	0.39981	0.482013	-2.07463	2.96688	33.6868	10.0927	1
cg14629075	VGLL3	0.0702317	0.922005	0.968023	-1.03303	0.747574	0.898379	-1.11312	0.53925	1.2291	1.2291	0.361228	1.36544	1.36544	0.0105153	0.343558	-2.91071	0.130836	0.58193	-1.71842	0.0226612	2.47321	2.47321	0.451839	1.28966	1.28966	0.712224	1.13083	1.13083	2.96688	5.175	1.55045	1
cg03503758	GNG7	0.0702318	0.343011	0.541939	-1.84522	0.243617	2.1491	2.1491	0.349051	1.83038	1.83038	0.489651	0.643978	-1.55285	0.00809956	0.119285	-8.38332	0.282891	0.496734	-2.01315	0.190597	2.38484	2.38484	0.53004	1.4902	1.4902	0.0580956	0.261026	-3.83104	2.96687	18.4779	5.53605	1
cg05974788	C3orf19	0.0702331	0.754971	1.16599	1.16599	0.0803648	2.58951	2.58951	0.065614	2.75531	2.75531	0.402651	0.656959	-1.52217	0.914233	1.05427	1.05427	0.286883	0.581311	-1.72025	0.0114725	4.71837	4.71837	0.453844	1.45394	1.45394	0.0322158	3.42269	3.42269	2.96685	11.3065	3.38752	1
cg16444968	CPNE7;CPNE7	0.070235	0.12448	2.79796	2.79796	0.0137313	6.58456	6.58456	0.0396548	4.35632	4.35632	0.108872	2.94952	2.94952	0.738412	0.812756	-1.23038	0.558493	0.693499	-1.44196	0.0457471	4.12355	4.12355	0.859546	1.11579	1.11579	0.0523755	3.91472	3.91472	2.96682	17.9796	5.38687	1
cg17420659	ATM;NPAT	0.0702352	0.0073709	0.146444	-6.82856	0.947555	0.964065	-1.03727	0.645553	1.29389	1.29389	0.0788451	0.337653	-2.96162	?	?	?	?	?	?	0.436352	1.55546	1.55546	0.99935	1.00045	1.00045	0.0765894	0.334263	-2.99166	3.05381	11.6429	4.35725	1
cg15929693	UNC5B	0.070241	0.902424	1.02897	1.02897	0.0117245	0.480393	-2.08163	0.148614	0.697167	-1.43438	0.0563876	0.604697	-1.65372	0.706185	0.915594	-1.09219	0.400047	0.818255	-1.22211	0.00762638	0.449884	-2.2228	0.188594	0.723	-1.38313	0.14548	0.69493	-1.43899	2.96672	2.54734	0.763234	1
cg25842633	SCUBE1	0.070242	0.0315628	0.320451	-3.1206	0.0455386	2.81539	2.81539	0.883385	1.0685	1.0685	0.872824	1.07499	1.07499	0.0636712	0.390194	-2.56283	0.908076	0.949196	-1.05352	0.0421536	0.347582	-2.87702	0.201719	0.544146	-1.83774	0.163239	0.510814	-1.95766	2.9667	9.57392	2.86856	1
cg13518992	ONECUT2	0.0702421	0.196024	0.426122	-2.34675	0.0258315	0.191847	-5.21248	0.0922662	0.314709	-3.17754	0.180735	0.41202	-2.42707	0.0588985	0.26422	-3.78472	0.143466	0.375007	-2.66662	0.195372	0.425531	-2.35001	0.0489803	4.06506	4.06506	0.986567	0.989552	-1.01056	2.9667	18.2891	5.47981	1
cg20289237	CYB5D2;ZZEF1;CYB5D2;CYB5D2	0.0702434	0.302756	1.62637	1.62637	0.369737	1.52146	1.52146	0.752844	0.865957	-1.15479	0.707236	1.18755	1.18755	0.00887728	0.219323	-4.55949	0.0928437	2.32203	2.32203	0.39985	1.48089	1.48089	0.189609	0.530989	-1.88328	0.0961415	0.434989	-2.29891	2.96668	9.75248	2.92208	1
cg04779144	ALPK1;ALPK1	0.0702435	0.943097	0.966911	-1.03422	0.593141	1.28945	1.28945	0.0247253	0.283552	-3.52669	0.172777	1.98162	1.98162	0.123055	0.454979	-2.1979	0.226248	1.82019	1.82019	0.0446193	2.96498	2.96498	0.709282	1.19307	1.19307	0.103749	0.432309	-2.31316	2.96668	10.4398	3.12801	1
cg24882875	HS6ST3	0.0702436	0.427086	1.25503	1.25503	0.396213	0.783967	-1.27556	0.980626	1.00683	1.00683	0.646503	1.1381	1.1381	0.0560328	0.545361	-1.83365	0.048981	0.532748	-1.87706	0.0048542	0.351246	-2.84701	0.933526	1.02364	1.02364	0.68912	1.11924	1.11924	2.96667	3.68727	1.1048	1
cg18580697	LOC100294362	0.0702439	0.0198988	0.624174	-1.60212	0.270947	0.825136	-1.21192	0.217072	0.80429	-1.24333	0.836716	0.965984	-1.03521	0.120968	0.754275	-1.32578	0.0236001	0.635529	-1.57349	0.0165649	0.612116	-1.63368	0.0363981	0.665048	-1.50365	0.11718	0.751714	-1.33029	2.96667	1.32136	0.395912	1
cg26921482	AMDHD2;AMDHD2	0.0702439	0.195367	0.669536	-1.49357	0.00927777	0.380211	-2.63012	0.0601857	1.86075	1.86075	0.120994	1.63648	1.63648	0.315273	0.737734	-1.3555	0.649681	0.874635	-1.14333	0.879359	0.956483	-1.0455	0.998872	0.999586	-1.00041	0.277369	1.39225	1.39225	2.96667	4.03174	1.20801	1
cg00870849	CPEB3	0.0702465	0.139635	0.633568	-1.57836	0.999425	1.00021	1.00021	0.0166716	2.31449	2.31449	0.90392	1.03528	1.03528	0.28059	0.724684	-1.37991	0.0265393	0.470031	-2.12752	0.906752	1.03422	1.03422	0.152507	1.55271	1.55271	0.341157	1.32529	1.32529	2.96662	3.87327	1.16055	1
cg00072369	MOCS2;MOCS2	0.0702505	0.0053642	0.603299	-1.65755	0.103421	0.782339	-1.27822	0.177745	0.820874	-1.21821	0.457884	0.901062	-1.1098	0.387859	1.12973	1.12973	0.446667	1.11282	1.11282	0.693763	0.946921	-1.05605	0.199865	1.2052	1.2052	0.361057	1.13814	1.13814	2.96656	0.892393	0.267394	1
cg07598367	PAQR6;PAQR6	0.0702511	0.172094	0.760268	-1.31533	0.933977	1.01575	1.01575	0.086698	1.42874	1.42874	0.943303	0.986678	-1.0135	0.936599	0.98511	-1.01511	0.365817	0.839285	-1.19149	0.00486014	2.02205	2.02205	0.119448	1.37522	1.37522	0.297919	1.22565	1.22565	2.96655	1.67063	0.500583	1
cg13069918	HTR6	0.070252	0.202453	0.526016	-1.90108	0.779488	0.87459	-1.14339	0.0917885	0.412221	-2.42589	0.470878	0.704567	-1.41931	0.00184877	0.121216	-8.24972	0.632563	0.794563	-1.25855	0.132534	0.460759	-2.17033	0.216514	0.537492	-1.86049	0.700023	1.20301	1.20301	2.96653	10.7079	3.20849	1
cg26208764	MIR548H4;TMEM84	0.0702526	0.288772	0.818373	-1.22194	0.517456	0.887412	-1.12687	0.499583	0.882725	-1.13286	0.747975	0.943011	-1.06043	0.896384	0.976564	-1.024	0.118742	1.36101	1.36101	0.00277381	2.119	2.119	0.418779	0.860385	-1.16227	0.773015	1.05405	1.05405	2.96652	1.55651	0.466392	1
cg08738280	SFT2D2	0.0702541	0.0227742	0.36488	-2.74063	0.0213228	0.359325	-2.783	0.0249046	0.372542	-2.68426	0.237561	0.63274	-1.58043	0.0457674	0.428657	-2.33287	0.286461	0.664006	-1.50601	0.0315171	0.3934	-2.54194	0.908554	0.958386	-1.04342	0.373989	0.7135	-1.40154	2.96649	6.42896	1.92639	1
cg01783730	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0702543	0.182542	2.47867	2.47867	0.0116289	7.56731	7.56731	0.0461789	4.33118	4.33118	0.0643648	3.79419	3.79419	0.615797	1.38356	1.38356	0.133819	2.82226	2.82226	0.100867	3.16771	3.16771	0.0514466	4.14874	4.14874	0.0205174	5.99567	5.99567	2.96649	19.3445	5.79644	1
cg02966332	LIME1	0.0702546	0.833864	1.06915	1.06915	0.0153464	2.57858	2.57858	0.338916	1.3686	1.3686	0.306557	0.713926	-1.40071	0.498605	1.24443	1.24443	0.107062	1.7507	1.7507	0.0216569	2.40533	2.40533	0.0344728	2.19253	2.19253	0.634417	0.858563	-1.16474	2.96649	4.76103	1.42661	1
cg19654882	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.0702565	0.223743	2.30945	2.30945	0.118153	3.03735	3.03735	0.0705975	3.75517	3.75517	0.219221	2.3305	2.3305	0.624296	1.3816	1.3816	0.228219	2.28916	2.28916	0.00756133	9.48912	9.48912	0.00919333	8.72049	8.72049	0.125622	2.96051	2.96051	2.96645	20.1461	6.03673	1
cg00036347	LOC100132111;C2CD4D	0.0702594	0.0897275	4.50742	4.50742	0.0637658	5.35205	5.35205	0.178083	3.16409	3.16409	0.208458	2.90782	2.90782	0.137206	3.62776	3.62776	0.0817916	4.72307	4.72307	0.00672854	16.9216	16.9216	0.0170079	10.407	10.407	0.188191	3.07234	3.07234	2.96641	30.4413	9.1218	1
cg06716686	ITPR1;ITPR1;ITPR1;ITPR1;ITPR1;ITPR1	0.0702598	0.535061	0.938434	-1.06561	0.428525	1.08519	1.08519	0.0845211	1.21289	1.21289	0.927594	0.990848	-1.00924	0.353258	1.10144	1.10144	0.530405	1.0664	1.0664	0.00756665	0.706425	-1.41558	0.06617	1.23179	1.23179	0.311135	1.11182	1.11182	2.9664	0.480712	0.144046	1
cg10197666	MED30	0.0702606	0.00126543	0.383693	-2.60625	0.591228	1.11671	1.11671	0.797379	1.05378	1.05378	0.313656	0.808821	-1.23637	0.748999	1.06754	1.06754	0.98054	0.995046	-1.00498	0.435457	0.850433	-1.17587	0.953845	0.988284	-1.01185	0.610142	0.900594	-1.11038	2.96639	1.94767	0.583626	1
cg27463736	LIG4;ABHD13;LIG4	0.070262	0.00594118	0.499215	-2.00314	0.531168	1.13031	1.13031	0.939128	1.01486	1.01486	0.0897098	0.696808	-1.43511	0.286511	0.807567	-1.23829	0.258161	0.796248	-1.25589	0.018102	0.574469	-1.74074	0.921982	1.0191	1.0191	0.867217	1.03284	1.03284	2.96636	1.75191	0.524971	1
cg03208082	GPR158	0.0702637	0.910355	1.02973	1.02973	0.270803	0.742104	-1.34752	0.56101	0.858199	-1.16523	0.45103	0.818912	-1.22113	0.614324	1.14132	1.14132	0.841527	1.05346	1.05346	0.00195758	3.12346	3.12346	0.849981	1.05049	1.05049	0.331283	0.770456	-1.29793	2.96633	3.17946	0.952753	1
cg10834721	B3GAT3	0.0702643	0.0574513	0.761452	-1.31328	0.1667	1.20562	1.20562	0.260977	1.16031	1.16031	0.338006	0.88226	-1.13345	0.0382007	1.35618	1.35618	0.606945	0.936306	-1.06803	0.0228966	1.41233	1.41233	0.43739	0.904408	-1.1057	0.802773	1.03225	1.03225	2.96632	0.755697	0.226452	1
cg02062842	C3orf58;C3orf58;C3orf58	0.0702682	0.409403	1.07025	1.07025	0.0165183	0.790027	-1.26578	0.41445	1.06944	1.06944	0.363596	0.927614	-1.07803	0.983089	1.00171	1.00171	0.166363	1.1261	1.1261	0.0560063	1.19029	1.19029	0.917077	1.00842	1.00842	0.0389059	1.21217	1.21217	2.96626	0.304252	0.0911743	1
cg00048697	PDCL2	0.0702742	0.0276995	0.20855	-4.79501	0.317584	0.536744	-1.86308	0.183121	0.427087	-2.34145	0.263719	0.495733	-2.01721	0.00787917	0.128325	-7.7927	0.0374371	0.233531	-4.28209	0.0306985	0.216776	-4.61306	0.250641	0.485296	-2.0606	0.104167	0.343002	-2.91543	2.96615	17.0417	5.10702	1
cg20777437	CDCP2	0.070275	0.947342	0.97406	-1.02663	0.148177	1.85383	1.85383	0.749903	1.13571	1.13571	0.235222	1.64059	1.64059	0.0215362	0.333358	-2.99978	0.598632	1.23536	1.23536	0.0267035	2.84279	2.84279	0.0885618	0.473491	-2.11197	0.622283	0.82071	-1.21846	2.96614	7.43864	2.2292	1
cg23720331	TACC2;TACC2	0.0702751	0.698881	1.12541	1.12541	0.554865	0.833987	-1.19906	0.12392	1.65934	1.65934	0.778281	1.08958	1.08958	0.00402025	0.308933	-3.23695	0.311293	1.37491	1.37491	0.399885	0.769569	-1.29943	0.185762	1.5318	1.5318	0.502339	1.22989	1.22989	2.96614	4.33973	1.30053	1
cg20732590	FAF2	0.0702763	0.470734	0.812291	-1.23109	0.510588	1.20814	1.20814	0.572682	1.17528	1.17528	0.8197	1.06682	1.06682	0.335543	0.75475	-1.32494	0.775967	1.0842	1.0842	0.0018108	0.284581	-3.51394	0.596928	1.16324	1.16324	0.413957	1.26697	1.26697	2.96612	3.77125	1.13017	1
cg17365962	ABCF1;ABCF1	0.0702777	0.466417	1.08441	1.08441	0.390342	1.10102	1.10102	0.423804	1.09343	1.09343	0.957872	0.994241	-1.00579	0.513027	0.930035	-1.07523	0.00741444	0.685827	-1.45809	0.119957	0.831566	-1.20255	0.0326693	0.760864	-1.3143	0.444153	1.08904	1.08904	2.96609	0.56158	0.168296	1
cg15994385	IPO13;IPO13	0.0702788	?	?	?	0.989093	0.987585	-1.01257	0.211602	0.297504	-3.3613	0.545737	1.75034	1.75034	0.581623	1.66424	1.66424	0.0303799	0.0919781	-10.8722	0.0376459	9.54532	9.54532	0.064905	6.88394	6.88394	0.166799	3.8981	3.8981	3.22508	37.1217	10.0715	1
cg21145449	NAALADL2	0.0702815	0.0394949	0.199395	-5.01518	0.117896	0.316747	-3.15709	0.827032	0.862286	-1.15971	0.594702	0.695186	-1.43846	0.0315514	0.181389	-5.51301	0.0578508	0.234111	-4.27148	0.01158	0.117968	-8.47685	0.205498	0.40481	-2.47029	0.0355172	0.190678	-5.24444	2.96603	21.5345	6.45367	1
cg16347868	PBX1	0.0702822	0.0482298	1.87658	1.87658	0.0993893	0.604332	-1.65472	0.148461	0.649098	-1.5406	0.661903	1.13054	1.13054	0.0466641	1.88733	1.88733	0.0417047	1.92441	1.92441	0.287567	1.36054	1.36054	0.522228	0.834564	-1.19823	0.682998	0.891823	-1.1213	2.96602	3.65223	1.09454	1
cg04710641	RDBP;SKIV2L	0.0702826	0.392948	0.877069	-1.14016	0.969135	0.994217	-1.00582	0.0432739	1.41687	1.41687	0.294836	0.849725	-1.17685	0.358204	0.867955	-1.15213	0.650346	0.93389	-1.07079	0.00495894	1.74649	1.74649	0.674379	1.06538	1.06538	0.521708	0.90725	-1.10223	2.96601	1.05532	0.316271	1
cg25192717	ZBTB9	0.070283	0.035297	0.179422	-5.57344	0.0181899	0.132196	-7.56451	0.492025	0.619687	-1.61372	0.548248	0.659435	-1.51645	0.0133332	0.11409	-8.76499	0.0766468	0.254156	-3.93459	0.448166	0.588398	-1.69953	0.619557	1.40891	1.40891	0.0480732	0.206257	-4.84832	3.18738	23.1286	5.64378	1
cg25147026	PTGS2	0.0702831	0.0480819	0.13472	-7.42279	0.0189385	0.0803495	-12.4456	0.0446725	0.129371	-7.72972	0.152968	0.257197	-3.88808	0.0514925	0.139903	-7.1478	0.104466	0.207091	-4.82879	0.0197211	0.0821972	-12.1659	0.236074	0.332344	-3.00893	0.061008	0.15361	-6.50997	2.966	36.9772	11.0818	1
cg13287979	APOB	0.0702855	0.580282	0.705607	-1.41722	0.347861	0.54694	-1.82835	0.104573	0.33036	-3.027	0.0578237	0.262111	-3.81519	0.0266424	0.193971	-5.1554	0.0366223	0.219562	-4.55453	0.0121134	0.141907	-7.04686	0.127152	0.357034	-2.80085	0.0412654	0.229973	-4.34834	2.96596	18.3084	5.48698	1
cg18298815	FCGR3A;FCGR3A;FCGR3A;FCGR3A;FCGR3A	0.0702863	0.237573	0.622011	-1.60769	0.76601	0.891787	-1.12134	0.0855253	0.482207	-2.0738	0.0253777	0.360667	-2.77264	0.227257	0.61481	-1.62652	0.178857	0.578085	-1.72985	0.831885	1.085	1.085	0.00408167	0.227859	-4.38868	0.124722	0.528446	-1.89234	2.96595	6.91752	2.07317	1
cg26336213	ATP10A	0.0702874	0.73792	1.06668	1.06668	0.222307	1.27958	1.27958	0.0147862	1.77985	1.77985	0.440823	1.1631	1.1631	0.105771	0.71204	-1.40442	0.216907	0.779008	-1.28368	0.0390704	0.631878	-1.58258	0.898536	0.975778	-1.02482	0.405118	0.848974	-1.17789	2.96593	1.73552	0.520134	1
cg05230906	BEND3	0.0702876	0.744888	0.934534	-1.07005	0.0152576	0.539112	-1.8549	0.0729087	0.660443	-1.51414	0.836591	0.958076	-1.04376	0.841877	1.04229	1.04229	0.305639	1.24603	1.24603	0.0299565	1.6982	1.6982	0.181614	0.745236	-1.34186	0.407912	0.839002	-1.19189	2.96593	2.02003	0.605404	1
cg03611632	CSNK1A1;CSNK1A1	0.0702905	0.064489	1.99831	1.99831	0.00895033	3.02908	3.02908	0.0523691	2.08638	2.08638	0.828459	1.07501	1.07501	0.138788	1.70089	1.70089	0.483016	0.788491	-1.26825	0.145311	1.68416	1.68416	0.042689	2.17653	2.17653	0.909142	0.962662	-1.03879	2.96588	5.21909	1.56419	1
cg12496694	TNXB	0.0702921	0.124036	0.691851	-1.4454	0.0103285	0.489374	-2.04343	0.0167675	0.524328	-1.9072	0.12292	0.690968	-1.44724	0.801769	0.945881	-1.05722	0.349052	0.807983	-1.23765	0.917374	0.97731	-1.02322	0.0226034	0.546705	-1.82914	0.18262	0.731385	-1.36727	2.96585	2.29778	0.688663	1
cg16128155	THRAP3	0.0702936	0.742817	0.833524	-1.19973	0.916659	0.943757	-1.05959	0.425839	1.56785	1.56785	0.925165	0.94937	-1.05333	0.0450641	0.280344	-3.56704	0.0577671	0.305303	-3.27543	0.165742	0.441544	-2.26478	0.0116572	5.71667	5.71667	0.824643	1.13057	1.13057	2.96582	14.3658	4.30558	1
cg00881883	CNPY3;CNPY3	0.0702936	0.368021	0.862274	-1.15972	0.261327	0.828839	-1.20651	0.184744	0.798169	-1.25287	0.2327	0.818274	-1.22208	0.0231308	0.647126	-1.54529	0.905972	1.01912	1.01912	0.00636781	0.566053	-1.76662	0.0384918	0.680976	-1.46848	0.648507	1.07632	1.07632	2.96582	1.20639	0.361567	1
cg05122887	FURIN	0.0702948	0.0291001	1.84688	1.84688	0.96354	1.01096	1.01096	0.413682	0.819267	-1.2206	0.491731	0.84655	-1.18127	0.643621	0.894818	-1.11755	0.0188701	0.507395	-1.97085	0.589616	0.878182	-1.13872	0.0353724	1.79403	1.79403	0.690717	1.1001	1.1001	2.9658	2.67292	0.801109	1
cg26639666	CFDP1	0.070296	0.0563523	0.432074	-2.31442	0.437652	0.7353	-1.35999	0.129014	0.528843	-1.89092	0.344498	0.68513	-1.45958	0.00904279	0.275658	-3.62768	0.902662	1.04866	1.04866	0.073818	0.461212	-2.1682	0.848375	1.07717	1.07717	0.0157295	0.316798	-3.15658	2.96578	7.08429	2.12327	1
cg14672496	C18orf8	0.0702961	0.0220748	0.370001	-2.7027	0.0828211	0.498725	-2.00512	0.235557	0.637473	-1.56869	0.992062	0.996403	-1.00361	0.0412462	0.426215	-2.34623	0.100942	0.521707	-1.91679	0.00804791	0.292409	-3.41986	0.997202	0.998731	-1.00127	0.244397	0.643342	-1.55438	2.96578	6.16185	1.8468	1
cg15578176	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.0702971	0.0248923	0.566037	-1.76667	0.0367736	0.596214	-1.67725	0.204183	0.751524	-1.33063	0.215348	1.3205	1.3205	0.0713697	0.650968	-1.53617	0.729416	0.928649	-1.07683	0.103615	1.46146	1.46146	0.649076	1.10259	1.10259	0.503282	0.865191	-1.15581	2.96576	2.13459	0.639773	1
cg07692939	ELTD1	0.0702972	0.0806865	0.638608	-1.5659	0.192112	0.726408	-1.37664	0.471733	0.84411	-1.18468	0.378926	1.23342	1.23342	0.974526	0.992635	-1.00742	0.022622	1.88125	1.88125	0.533392	1.15724	1.15724	0.99212	1.00229	1.00229	0.0188182	0.51745	-1.93255	2.96576	2.51743	0.754517	1
cg24296459	NDRG4;NDRG4;NDRG4;NDRG4	0.0702975	0.294266	0.892889	-1.11996	0.00229419	0.613503	-1.62999	0.934757	1.03494	1.03494	0.00818447	0.650211	-1.53796	0.214113	0.688437	-1.45256	0.710817	1.07578	1.07578	0.0300781	0.62009	-1.61267	0.331264	0.805656	-1.24123	0.871374	0.958143	-1.04369	2.96569	1.2346	0.370069	1
cg24203562	TRAF3IP1;TRAF3IP1	0.0702996	0.307863	0.864156	-1.15722	0.831159	0.976189	-1.02439	0.0951275	0.573848	-1.74262	0.0983567	0.593348	-1.68535	0.0861589	0.558934	-1.78912	0.588989	1.11817	1.11817	0.00397746	1.892	1.892	0.126307	1.31307	1.31307	0.0559306	0.536921	-1.86247	2.96569	3.81	1.10896	1
cg03134661	UHRF1;UHRF1	0.0703022	0.0626498	0.42693	-2.34231	0.840964	1.08505	1.08505	0.00517934	0.223259	-4.4791	0.111267	0.494202	-2.02346	0.57261	1.26066	1.26066	0.319209	0.658212	-1.51927	0.835476	0.918979	-1.08816	0.325367	1.51073	1.51073	0.0955479	0.475245	-2.10418	2.96568	7.75308	2.32379	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(3 vs.1477)	p-value(1537 vs. N)	Fold-Change(3 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg24812891	BBS1	0.00703025	0.00957309	-1.48356	0.153722	2.02081	1.20281	0.855242	1.022	1.022	0.8761	0.981435	-1.01894	0.03141312	1.3545	1.3545	1.04347	0.9378331	0.990865	-1.01932	0.867945	-1.11365	2.96567	0.678093	0.201512	1
cg15164194	WDPY4	0.07030362	0.556911	0.836067	-1.19608	0.127272	0.603209	-1.6578	0.0905217	0.570036	-1.75427	0.244455	0.692899	-1.44321	0.4908396	1.23475	1.23475	0.292622	1.38962	1.38962	0.01075092	2.62705	2.62705	0.292157	1.3901	1.3901	0.2731197	0.709171	-1.4101	2.96561	4.26568	1.27856	1
cg26091747	TRIM40	0.07030365	0.13187	0.480005	-2.08331	0.104232	0.448628	-2.22902	0.110128	0.455739	-2.19424	0.107053	0.452062	-2.21208	0.0641939	0.39118	-2.55637	0.13723	0.485585	-2.05937	0.00878432	0.2217193	-4.50871	0.0155827	0.262249	-3.81317	0.8407233	0.9131198	-1.09505	2.96561	9.56574	2.86716	1
cg17377164	HIBCH;HIBCH	0.07030376	0.03112894	0.331026	-3.02091	0.837189	1.074317	1.074043	0.132573	0.568112	-1.76022	0.551684	1.23344	1.231444	0.0290829	0.408138	-2.45015	0.092768	0.52497	-1.90487	0.365975	1.38209	1.38209	0.127406	0.5630989	-1.77592	0.7272259	1.129574	1.129574	2.96559	5.70116	1.70883	1
cg19447156	CACNA2D2;CACNA2D2	0.07030382	0.00629864	0.651679	-1.5345	0.310658	1.13455	1.13455	0.102293	1.24008	1.24008	0.495815	0.920146	-1.08678	0.166971	1.19399	1.19399	0.455852	0.912656	-1.0957	0.341943	1.12506	1.12506	0.358784	1.12025	1.12025	0.389176	1.12104	1.112004	2.96558	0.680186	0.203876	1
cg11130441	C2orf58	0.07030386	0.875725	0.93132	-1.07375	0.732881	0.855826	-1.16846	0.202936	0.3131111	-1.19376	0.0115294	0.2377766	-1.42085	0.184781	0.5275271	-1.89548	0.074395	0.405042	-2.46888	0.0649737	0.3897786	-2.56544	0.9562	0.975333	-1.02529	0.0238645	0.2918895	-3.40257	2.96557	9.70802	2.90985	1
cg20545896	WEE2;WEE2-FLJ40852	0.07030388	0.435224	0.742648	-1.34653	0.28365	0.659481	-1.51634	0.0639907	0.4559132	-2.17717	0.720996	0.87457	-1.14342	0.00643893	0.2659385	-3.75961	0.05143389	0.4366	-2.29042	0.0150501	0.3273424	-3.05491	0.906	0.956811	-1.04514	0.2950777	0.666427	-1.50054	2.96557	6.56037	1.96638	1
cg01930705	ZNF100	0.07030388	0.217796	1.18347	1.183347	0.265655	0.6257434	-1.16628	0.2452582	0.741987	-1.34773	0.868412	1.02178	1.021978	0.0159586	0.6725924	-1.48685	0.092153	0.789598	-1.2733	0.307439	1.14722	1.14722	0.9951004	1.0008	1.0008	0.9883719	0.779983	-1.28253	2.96553	0.792806	0.237636	1
cg01228355	CORIN	0.07031111	0.136111	0.81232	-1.23104	0.1569984	0.681642	-1.46705	0.290463	0.867629	-1.15257	0.872642	1.15925	1.15925	0.1735731	0.828845	-1.20504	0.100031	1.25669	1.25669	0.0922369	0.786738	-1.27107	0.121291	0.80459	-1.24287	0.19726	0.838393	-1.19276	2.96553	0.786764	0.235825	1
cg00360610	SNRNP200	0.07031146	0.0473753	0.113803	-8.78713	0.0227797	0.0734707	-13.6109	0.113078	0.191645	-5.21799	0.266643	0.329967	-3.03061	0.03706659	0.0983372	-10.1691	0.112934	0.191496	-5.22204	0.0140739	0.0548167	-18.2426	0.12313	0.201868	-4.95373	0.0565115	0.125862	-7.9452	2.96547	43.105	12.9206	1
cg09549240	RPP25	0.07031148	0.204483	0.219577	-4.55236	0.0262511	0.1858	0.2624983	0.1882851	0.5443	-1.83	0.5443	0.125644	0.5443	0.53116	0.5443	-1.83	0.0665962	0.30114	-3.32156	0.0262511	0.5909	1.69231	0.5909	0.5909	0.5909	0.5909	0.108871	0.845827	1.2466	1.2466	2.96546	60.2132	18.0487	1
cg26344859	KCNQ1;KCNQ1	0.07031156	0.121649	0.769059	-1.30029	0.0303095	0.085986	1.48956	0.242902	0.827757	-1.20808	0.607593	1.0693	1.0693	0.198934	1.32667	1.23667	0.550669	1.09009	-1.09009	0.0397099	1.45086	1.45086	0.00662	0.740889	-1.33871	0.495197	0.897286	-1.11447	2.96545	1.15013	0.344749	1
cg05289836	BCKDK;BCKDK	0.07031165	0.938306	0.974774	-1.02598	0.219756	0.614736	-1.53098	0.0764373	0.521798	-1.91667	0.193654	0.574553	1.570243	0.0291728	0.3110805	-3.21429	0.511408	0.80265	-1.24586	0.0040236	0.2803133	-3.56719	0.63126	1.17306	-1.17306	0.7976563	0.918701	-1.08849	2.96544	5.15637	1.55363	1
cg19447025	LYLAP1	0.07031166	0.163351	0.708583	-1.41107	0.0295187	0.552414	-1.81024	0.121071	0.57756	-1.47589	0.798629	0.94252	-1.06098	0.143423	0.6948441	-1.43918	0.180976	0.719724	-1.38942	0.00636267	0.439389	-2.27589	0.57459	1.14034	-1.14034	0.4846431	1.17875	1.17875	2.96544	2.51827	0.754851	1
cg13157315	ZNF114	0.07031169	0.207841	0.857748	-1.16584	0.358756	0.896699	-1.1152	0.162416	1.18807	1.18807	0.943885	1.00817	1.00817	0.0218323	1.123559	1.12359	0.218759	1.1612	1.1612	0.00399898	0.639582	-1.56352	0.511932	0.926024	-1.07989	0.886082	1.0167	1.0167	2.96543	0.626095	0.187942	1
cg17662165	PITPNB;LOC284900;LOC284900	0.07031192	0.639796	0.84822	1.08822	0.850703	1.03435	1.03435	0.6047235	1.173337	1.173337	0.594006	0.9807	1.00031	0.1037117	0.502014	-1.99203	0.267163	0.921191	-1.08555	0.0072223	0.3924441	-2.54815	0.182951	1.46417	1.46417	0.405269	0.794735	-1.25828	2.96539	3.41902	1.02487	1
cg21276535	MAP2K1	0.07031221	0.744888	1.06893	1.068931	0.6972008	0.6572195	-1.52162	0.0606946	0.480927	-2.07935	0.59501	1.15577	1.15577	0.0487877	0.6316526	-1.58322	0.594608	1.11588	1.11588	0.874063	1.03292	1.03292	0.962338	0.870776	-1.1484	0.083134	0.675907	-1.47949	2.96534	1.95784	0.586882	1
cg20461691	BARD1	0.07031263	0.140372	0.725287	-1.37877	0.174937	1.3393	1.3393	0.1254485	1.890002	1.890002	0.0736261	0.6677545	-1.49758	0.0245596	1.519861	-1.71961	0.441279	0.852991	-1.17235	0.053445	0.644133	-1.55926	0.349865	0.822295	-1.21514	0.6678338	1.100135	1.09135	2.96527	1.92569	0.577257	1
cg00334063	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.07031268	0.526016	0.491182	-2.0359	0.432907	2.42421	2.42421	0.076462	0.85166	0.85166	0.93435	0.912875	-1.09544	0.0115168	0.0368569	-27.132	0.180352	0.207199	-4.82629	0.15256	0.54879	1.54879	0.391238	0.37833	-2.64319	0.0628915	0.0987327	-10.1284	2.96524	57.4957	17.2355	1
cg20671649	PRDM16;PRDM16	0.07031282	0.809659	1.09588	1.095881	0.3127184	1.48044	1.48044	0.1122936	1.88541	1.88541	0.778789	1.11277	1.11277	0.0916014	0.357739	1.53935	1.178889	1.73917	1.73917	0.5864	1.31455	1.31455	0.7861	1.23176	1.23176	0.8670345	2.17912	2.17912	0.990086	1.00473	1.00473	2.96524	6.76144	2.02685	1
cg26571870	GINS2	0.07031285	0.0502344	0.244096	-4.09675	0.485951	0.639367	-1.56405	0.439103	0.607559	-1.64593	0.278626	0.490816	-2.03742	0.2135661	0.186547	-5.36057	0.081459	0.295206	-3.38746	0.00991177	0.127677	-7.83226	0.0226661	0.1784	-5.6054	0.157822	0.385168	-2.59627	0.96523	18.7439	5.61886	1
cg20108960	LOC552889	0.07031289	0.996945	1.02465	1.024651	0.4569279	1.894	1.894	0.1221281	0.6017551	1.6558	0.4403788	0.683778	1.64178	0.0770121	0.29524	-3.38647	0.219622	1.14089	1.14089	0.6008	1.31914	1.31914	0.7844	1.03914	1.03914	0.9192091	0.537812	1.11339	1.11339	0.1928091	1.26288	1.26288	0.96523	1.31588	0.3148456	1
cg03003335	ACAP3	0.07032393	0.0664234	16.3856	16.3858	0.2809591	4.45152	4.45152	0.354656	3.64576	3.64576	0.102808	11.3669	11.3669	0.0325465	29.9296	29.9296	0.107979	10.8318	10.8318	0.013335	64.3687	64.3687	0.0290729	32.9346	32.9346	0.0326681	29.8354	29.8354	96.5522	86.6666	25.9802	1
cg01539664	ZNF502;ZNF502;ZNF502;ZNF502	0.07032597	0.07039761	1.6067	1.6067	0.0803684	0.630115	-1.58701	0.165061	0.702841	-1.42279	0.735378	0.9224001	-1.08413	0.331176	1.26832	1.26832	0.0248111	1.88921	1.88921	0.0795966	1.5893	1.5893	0.382043	0.8077776	-1.23797	0.4601154	1.19069	1.19069	2.96521	2.66271	0.798207	1
cg02380607	GNA13	0.07033203	0.618313	0.949659	1.2435	0.0491021	0.793747	-1.29385	0.0516867	0.989891	-1.01121	0.2884497	1.13582	1.13582	0.0107514	0.3529484	1.55992	1.155996	1.16588	1.16588	0.6068445	1.49288	1.49288	0.192004	1.980857	-1.01025	0.5938162	1.05221	1.05221	2.96508	0.496585	0.144863	1
cg25503881	FAM43A	0.07033315	0.29675	0.812932	-1.23012	0.100557	0.708324	-1.41178	0.321822	1.21645	1.21645	0.773804	0.946328	-1.05672	0.126077	0.728429	-1.37282	0.818522	1.04498	1.04498	0.198548	0.7707963	-1.29708	0.00772999	1.9252	1.9252	0.326746	0.8233801	-1.21388	2.96518	1.72114	0.515957	1
cg23856138	CCNY;CCNY	0.07033332	0.116384	0.469552	-2.12969	0.0770369	0.07089	-1.01089	0.1632465	0.6334243	-1.57873	0.2214667	0.4045037	-2.47193	0.0107839	0.2455121	-4.1956	0.594608	1.11588	1.11588	0.874063	1.03292	1.03292	0.962338	0.870776	-1.1484	0.083134	0.675907	-1.47949	2.96534	1.95784	0.586882	1
cg06609427	C1orf61;MIR9-1	0.07033349	0.648306	0.07287	1.07287	0.163851	1.25553	1.25553	0.265299	1.1946	1.1946	0.285351	0.843696	-1.18526	0.962498	0.5982217	1.00723	0.017106	1.64017	-1.56075	0.794283	0.960765	-1.04084	0.1681826	1.33403	1.33403	0.034849	1.45746	1.45746	2.96512	1.1017	0.330269	1
cg16044631	R3HDM2	0.07033354	0.319487	0.669778	-1.49303	0.0186703	0.329126	-3.03651	0.253413	0.62832	-1.59155	0.303141	1.5152	1.5152	0.00661045	0.2531377	-3.94981	0.403559	0.716762	-1.39516	0.504645	1.30183	1.30183	0.979144	1.01024	1.01024	0.219042	0.60435	-1.65467	2.96512	7.1281	2.13688	1
cg19035276	PMP2	0.07033552	0.1163	0.665152	-1.50351	0.0263611	0.1563	1.15663	0.0327927	0.5907909	-1.76085	0.1580413	1.14392	1.14392	0.0126914	0.2537599	-3.94055	0.116607	1.15197	-1.15197	0.1123	1.287	1.287	0.861706	0.9588055	-1.04287	0.132249	0.676226	-1.47879	2.96511	2.72998	0.816488	1
cg16809460	DMRTA2	0.07033559	0.03109314	0.0862989	-11.5876	0.683446	0.668335	-1.49648	0.385721	0.417125	-2.39736	0.164887	0.232983	-4.29217	0.0459507	0.10548	-9.48047	0.128032	0.198338	-5.04189	0.0282582	0.0287204	-34.8185	0.129903	0.200016	-4.996	0.0493279	0.110147	-9.07875	2.96511	45.4027	13.6109	1
cg16616937	ARHGAP9;ARHGAP9;ARHGAP9	0.07033560	0.2988017	0.656563	1.08045	0.6049279	1.894	1.894	0.1221281	0.6017551	1.6558	0.4403788	0.683778	1.64178	0.0770121	0.29524	-3.38647	0.219622	1.14089	1.14089	0.6008	1.31914	1.31914	0.7844	1.03914	1.03914	0.9192091	0.537812	1.11339	1.11339	0.1928091	1.26288	1.26288	0.96523	1.31588	0.3148456	1
cg02219116	C9orf167	0.07033775	0.0562233	0.325623	-3.07104	0.221174	0.94908	0.94908	0.589553	1.32661	1.32661	0.244403	1.88125	1.88125	0.06806584	2.88727	2.88727	0.0458754	3.27907	3.27907	0.828612	0.8959596	-1.11907	0.0505041	3.17907	3.17907	0.190356	0.486924	-2.05371	2.96508	12.6454	3.79091	1
cg13455257	TMOD4	0.07033888	0.0291441	0.117209	-8.53173	0.0653881	0.172622	-5.61098	0.046907	0.149684	-6.68073	0.390321	0.479978	-2.08343	0.0328594	0.12476	-8.0154	0.077847	0.195141	-5.1245	0.0342623	0.127499	-7.8432	0.0292472	0.117425	-8.51606	0.105727	0.229102	-4.36487	2.96506	32.6538	9.78921	1
cg20137586	TMCC3	0.07033995	0.9193334	1.0494	1.049398	0.2179756	0.641736	1.56124	0.2121281	0.6077141	1.5554	0.4249715	0.6938788	1.63703	0.0775149	0.3291524	-3.03844	0.464073	1.10749	1.10749	0.4405	1.01912	1.01912	0.962764	0.886837	-1.1276	0.6259563	1.40565	1.40565	0.176058	0.2323155	1
cg00230302	MTAP	0.0704	0.632877	0.947546	-1.05536	0.3819891	1.10559	1.10559	0.842474	0.97797	-1.02253	0.560081	1.0682	1.0682	0.119615	1.20813	1.20813	0.796497	0.971481	-1.02936	0.00889376	0.6888667	-1.45166	0.0392038	1.30623	1.30623	0.1998822	1.16374	1.16374	2.96504	0.588621	0.176663	1
cg21660861	BZW2;BZW2;BZW2	0.07034002	0.1737851	0.765012	-1.30715	0.0052631	0.1864571	2.49471	0.4227148	0.7881112	-1.26886	0.3859	1.23837	1.23837	0.0270772	2.1266	2.1266	0.4619937	1.12402	1.12402	0.364387	1.31466	1.31466	0.5542269	1.18997	1.18997	0.178504	0.657122	-1.52179	2.96503	0.45199	1.12475	1
cg18456747	GPR150	0.07034003	0.05780604	0.6649	4.05049	0.5594293	0.01943	4.01943	0.914994	0.932572	-1.0723	0.569103	1.45679	1.45679	0.0376437	0.2619317	3.818	0.882087	0.907522	-1.1019	0.148383	0.362919	-2.75544	0.680061	1.80505	3.80505	0.0842184	1.48681	3.48681	2.96503	20.0735	6.01785	1
cg13228105	PLXNA2;PLXNA2	0.07034023	0.0359661	0.783686	-1.27602	0.287643	1.11661	1.11661	0.413795	0.919922	-1.08705	0.265906	1.12279	1.12279	0.973506	0.996668	-1.00332	0.0581051	0.807369	-1.23859	0.917118	0.9896554	-1.01045	0.12173	1.18246	1.18246	0.02635514	0.768633	-1.30101	2.965	0.468711	0.140517	1
cg20777504	SVIL;SVIL	0.07034175	0.1757285	0.746032	-1.33973	0.0052631	0.1864571	2.49471	0.4227148	0.7881112	-1.26886	0.3859	1.23837	1.23837	0.0270772	2.1266	2.1266	0.4619937	1.12402	1.12402	0.364387	1.31466	1.31466	0.5542269	1.18997	1.18997	0.178504	0.657122	-1.52179	2.96503	0.45199	1.12475	1
cg12539796	C5orf49	0.07034452	0.999046	0.998641	-1.00136	0.6685138	0.0940306	-10.6044	0.14227	0.6139	6.1399	7	7	7	0.139484	0.160446	6.23261	0.972093	0.960985	-1.0406	0.784556	0.732076	-1.36598	0.00929196	0.49.4818	0.653333	1.67337	1.67337	1.223775	57.4995	15.6067	1
cg03133196	HRH1;HRH1;HRH1	0.07034479	0.8923319	1.04659	1.2435	0.0491021	0.793747	-1.29385	0.0516867	0.989891	-1.01121	0.2884497	1.13582	1.13582	0.0107514	0.3529484	1.55992	1.155996	1.16588	1.16588	0.6068445	1.49288	1.49288	0.192004	1.980857	-1.01025	0.5938162	1.05221	1.05221	2.96508	0.496585	0.144863	1
cg11121825	WIPI1	0.07034483	0.453568	1.25249	1.25249	0.636661	1.16701	1.16701	0.888074	0.959324	-1.0424	0.847059	1.05859	1.05859	0.516868	1.21385	1.21385	0.456736	0.799713	-1.25045	0.00190541	0.2733386	-3.65783	0.246995	1.42898	1.42898	0.896917	1.03896	1.03896	2.9649	0.48319	1.22416	1
cg01178781	STYXL1	0.07034485	0.6849808	0.616557	-1.62197	0.566355	1.15849	1.15849	0.773865	0.929184	-1.07624	0.47781	0.85262	-1.20103	0.00420459	0.3779535	-2.64496	0.359906	0.62657	-1.5959	0.0428572	0.56496	-1.77004	0.612148	0.878295	-1.13857	0.26489	0.529	1.52832	2.96503	0.378295	0.108734	1
cg03138378	PIKFYVE	0.07034489	0.373399	0.842222	-1.15444	0.2233441	0.51599	1.51599	0.3099	0.4962253	-2.1147	1.7447	0.8893172	0.878324	-1.02216	0.9942293	-1.00577	0.2388977	1.64514	1.64514	0.0345365	0.6788006	-1.47317	0.301537	0.845157	-1.18321	0.2832222	1.19153	1.19153	2.96489	1.1904	0.347755	1
cg21608701	DCPS	0.07034499	0.1646226	0.659538	-1.51621	0.0092944	2.52547	2.52547	0.209896	1.44913	1.44913	0.436385	1.2497	1.2497	0.160452	0.656437	-1.52338	0.809618	0.965192	-1.03606	0.0781197	0.577241	-1.73238	0.567434	0.850219	-1.17617	0.4033383	0.786589	-1.27131	2.96487	3.70068	1.10949	1
cg20752134	PRKAG2;PRKAG2	0.07034501	0.1356152	0.737055	-1.35702	0.887613	1.15583	1.15583	0.0990857	0.8613194	-1.22972	0.370014	0.9023807	-1.10765	0.0724245	0.3134401	-3.19042	0.2059152	1.15338	1.15338	0.0257139	1.3421	1.3421	0.5045324	0.7782	1.07812	-1.07812	0.366772	0.902146	2.96487	0.5792402	0.173661	1
cg10626169	ABCA13	0.07035316	0.0240782	0.199215	-5.01971	0.387572	0.587975	-1.70075	0.0259604	0.204935	-4.87959	0.270146	0.502303	-1.99083	0.0247789	0.201377	4.9658	0.482786	0.651981	-1.53379	0.146758	0.54446	0.601883	1.37114	0.3301122	0.525241	-2.90389	2.96484	16.8854	5.06242	1
cg20158039	ACSS1	0.07035325	0.3802889	0.640079	-1.51295	0.3750671	1.53212	1.52022	0.8950307	1.06585	1.06585	0.2852303	0.6000775	-1.66646	0.3672399	0.655306	-1.53125	0.134202	0.593495	-1.68493	0.1063743	0.06173	-16.2079	0.9690515	0.9879531	-1.01263	0.1898664	0.163856	-6.10376	2.96482	4.8898	1.46902	1
cg17982504	DDX28;OUS2L	0.07035314	0.818859	0.941908	-1.06167	0.40146	1.25113	1.25113	0.0153433	2.17355	2.17355	0.102629	0.627539	-1.59353	0.131806	0.654166	-1.52866	0.0501684	0.58458	-1.79065	0.1608	0.67650	-1.47819	0.66586	1.12002	1.12002	0.7845845	0.08362	1.08362	2.96481	3.19616	0.95825	1
cg01660407	CHST10	0.07035345	0.0782104	3.16446	3.16446	0.0453673	3.86301	3.86301	0.008854	7.1113	7.1113	0.103342	2.85454	2.85454	0.515307	0.678137	-1.47463	0.508768	1.48386	1.48386	0.151205	2.47325	2.47325	0.0298996	4.50054	4.50054	0.295524	1.80396	1.89896	2.96479	16.2763	4.87988	1

Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(3 vs.1477)	p-value(1537 vs. N)	Fold-Change(3 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg22175873	PCDHGA4;PCDHGA8;PCDHGA1;PCDHGA10;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGA11;PCDHGB7	0.070357	0.307969	2.28716	2.28716	0.0100387	12.7774	12.7774	0.0767604	4.67931	4.67931	0.450048	1.82835	1.82835	0.267107	2.4754	2.4754	0.130746	3.5943	3.5943	0.0199293	9.04917	9.04917	0.0270003	7.79111	7.79111	0.0621593	5.18741	5.18741	2.96475	28.8602	8.65284	1
cg26681745	CFLAR;CFLAR;CFLAR	0.07035366	0.0721056	2.70911	2.70911	0.1611	2.31202	2.31202	0.0552759	3.18667	3.18667	0.0388584	3.18667	3.18667	0.0388584	3.18667	3.18667	0.0979192	6.62657	6.62657	0.0288228	15.1494	15.1494	0.0263945	8.13484	8.13484	0.0363945	6.55957	6.55957	6.6473	27.9085	8.39456	1
cg21796313	FAM158A	0.07035398	0.05060309	0.704856	-1.41873	0.573147	0.713432	-1.40168	0.0278255	0.664805	-1.5042	0.984358	0.996926	-1.00308	0.0197676	0.64274	-1.55584	0.168553	0.794218	-1.2591	0.0237238	0.615445	-1.528	0.089527	0.745299	-1.34174	0.217429	0.815648	-1.22602	2.9647	1.1579	0.347165	1
cg06620210	AP1M1;AP1M1;AP1M1;AP1M1	0.07035409	0.0514047	0.7484	1.33545	0.7149686	0.7468	-1.33849	0.0810478	0.5164374	-1.93647	0.1314479	0.7172489	-1.39477	0.0179209	0.5213417	-1.91734	0.0443007	0.7441	-1.34425	0.1966	0.7441	-1.34425	0.1966	0.7441	-1.34425	0.1966	0.7441	-1.34425	0.1966	0.7441	-1.34425	0.1966	2.96467	0.6237751	0.1870116	1
cg10610036	C19orf73;PPFIA3	0.070365	0.843593	1.05636	1.05636	0.0421355	0.522125	-1.91525	0.435381	0.801808	-1.24718	0.358299	1.29977	1.29977	0.996537	0.9987996	1.00121	0.2232323	1.42647	1.42647	0.00824562	0.3914821	-2.5544	0.233842	1.41399	1.41399	0.31448	1.33471	1.33471	2.96461	1.6171	0.18453	1
cg01416915	SEPT7;SEPT7	0.07035659	0.264057	0.795624	-1.25688	0.0185272	0.175214	2.85281	0.2481	0.6442	-1.55232	0.1745176	-1.34558	0.4801197	0.8711222	-1.14795	0.8941	0.06046617	0.659387	-1.51553	0.70334	1.107891	1.107891	0.143958	1.36111	1.36111	0.16749	1.33502	1.33502	2.9646	1.81089	0.542366	1
cg09727157	GSPT1;GSPT1;GSPT1;GSPT1	0.07035664	0.8098265	1.04659	1.2435	0.0491021	0.793747	-1.29385	0.0516867	0.989891	-1.01121	0.2884497	1.13582	1.13582	0.0107514	0.3529484	1.55992	1.155996	1.16588	1.16588	0.6068445	1.49288	1.49288	0.192004	1.980857	-1.01025	0.5938162	1.05221	1.05221	2.96508	0.496585	0.144863	1
cg26227248	FOXP1;FOXP1	0.07035668	0.0191037	0.328708	-3.04221	0.152739	0.548406	-1.82347	0.584126	0.80507	-1.24213	0.254197	0.626857	-1.59526	0.1102259	0.505227	-1.97931	0.908249	1.04626	1.04626	0.00492497	0.2319571	-4.31088	0.649892	1.19632	1.19632	0.2060925	0.593273	-1.68557	2.96458	7.22441	2.16614	1
cg00609948	NDFIP1	0.07035668	0.31418	0.784655	-1.27437	0.2398753	0.8258	1.2114	0.7814	0.9642	-1.0372	0.2922	0.10783	0.6342	0.5729322	0.78545	-1.2732	0.2068	1.22655	1.22655	0.1435	0.6994	0.6994	0.2941	0.8758739	0.7434043	-1.0258

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	Fold-Change(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg02755935	ZNF428	0.0704488	0.38437	1.20313	0.13933	1.0074	0.977549	-1.02297	0.753867	1.06337	0.526375	1.13361	1.13361	0.465651	1.15687	1.15687	0.00203001	0.4274	-2.33973	0.22038	0.777477	-1.28621	0.876436	0.970361	-1.03086	0.307761	0.81364	-1.22904	2.86319	1.79087	0.53722	1
cg24315840	COL17A1	0.0704499	0.631902	0.905864	-1.10392	2.8825	0.795521	-1.25704	0.00751715	0.494272	-2.02318	0.204067	0.758054	-1.33917	0.378985	0.831202	1.20308	0.758084	1.06533	1.06533	0.127226	1.41702	0.0878261	0.679823	-1.47097	0.0508106	0.633951	-1.57741	2.96318	1.96914	0.5907	1
cg05473804	GPR153	0.0704507	0.0693802	7.48933	7.48933	1.04229	5.81533	5.81533	0.120564	5.30609	5.30609	0.31201	0.35464	-2.81976	0.31327	0.355664	-2.81164	0.102177	5.88823	5.88823	0.0145572	19.7437	19.7437	0.0767603	7.03548	7.03548	0.3056888	2.8612	2.8612	2.96316	46.1051	13.8306	1
cg26555531	ADAMB2	0.0704512	0.2304966	1.16129	1.16129	1.00844829	1.491447	1.491447	0.0657611	1.27818	1.27818	0.0348508	1.765512	-1.39956	0.566949	1.07122	1.07122	0.893982	1.01598	1.01598	0.313731	1.13185	1.13185	0.988808	0.998334	-1.00167	0.735584	1.04111	1.04111	2.96315	0.663123	0.198024	1
cg01852007	FAM195A	0.0704519	0.0837438	0.562655	-1.77666	0.0066408	0.34719	-2.88027	0.73852	0.90429	-1.10584	0.150763	0.629743	-1.58795	0.163654	0.639934	-1.56266	0.30765	0.728245	-1.37316	0.175524	1.54124	0.544124	0.804363	0.92818	-1.07738	0.231266	1.45802	1.45802	2.96314	0.230408	0.126955	1
cg01729066	MIR600;C9orf45	0.0704521	0.899826	1.06796	1.06796	1.00238188	0.12491	0.12491	0.0444182	3.33747	3.33747	0.536086	1.38592	1.38592	0.114288	2.451607	2.451607	0.490732	1.44115	1.44115	0.407952	1.55564	1.55564	0.133467	2.32804	2.32804	0.12736	2.36484	2.36484	2.96314	12.7906	3.83695	1
cg02365967	HERC2	0.0704532	0.340406	0.634422	-1.57624	0.481105	1.39329	1.39329	0.0459229	0.346589	-2.88526	0.886166	1.06859	1.06859	0.0126115	0.237761	-4.2059	0.681204	1.21084	1.21084	0.272513	0.589216	-1.69717	0.596873	0.780976	-1.28045	0.0117544	0.232806	-4.29542	2.96312	1.04366	0.309777	1
cg02431260	ISAM	0.0704548	0.726914	1.39314	1.39314	0.00495951	31.1741	31.1741	0.155823	4.16033	4.16033	0.116854	5.0082	5.0082	0.113991	5.08455	5.08455	0.077271	6.38552	6.38552	0.121278	9.47448	9.47448	0.962496	1.04522	1.04522	0.0344237	10.3088	10.3088	2.96309	41.9579	12.5898	1
cg01976810	NXN ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.0704562	0.283992	0.601158	-1.66346	0.569999	1.30015	1.30015	0.108742	0.449411	-2.22514	0.334814	0.57581	-1.75581	0.00263612	0.14875	-6.72267	0.897026	0.942518	-1.06099	0.798069	0.88939	-1.12437	0.143616	0.4875	-2.05128	0.941507	1.03412	1.03412	2.96307	0.918006	2.94291	1
cg25310559	M2;ABLIM2;ABLIM2	0.0704562	0.208281	0.703153	-1.42217	0.0357513	0.522739	-1.913	0.670846	0.892716	-1.12018	0.157255	0.669293	-1.49411	0.0187668	0.469558	-2.12966	0.766246	0.923905	-1.08236	0.037245	1.90011	1.90011	0.952599	0.984343	-1.01591	0.601347	1.15021	1.15021	2.96307	3.30729	0.99215	1
cg13969146	PURG;WRN	0.0704571	0.0233264	0.535599	-1.86707	0.439968	0.834078	-1.19893	0.0140657	0.497421	-2.01037	0.695078	0.913249	-1.09499	0.0592925	0.612333	-1.6331	0.874404	0.964341	-1.03698	0.0143671	0.498981	-2.00408	0.198402	0.73117	-1.36767	0.988749	0.996757	-1.00325	2.96306	2.4903	0.747068	1
cg05938007	MRPL33;MRPL33	0.0704601	0.8636206	1.06343	1.06343	0.262872	0.554249	-1.52987	0.664889	1.168941	1.16094	0.0592959	0.4603622	2.13722	0.0663924	0.276845	-3.61212	0.0131227	0.306044	0.306044	0.0027107	0.294137	0.6237	-1.48655	0.859589	-1.16335	0.364431	0.723624	-1.38193	2.962	6.22945	1.886881	1
cg01965476	PAK6;PAK6;PAK6	0.0704609	0.529317	0.881041	-1.13502	0.374569	0.834327	-1.19857	0.0418899	1.59361	1.59361	0.066359	1.50566	1.50566	0.0955903	0.6611	-1.51385	0.383318	1.19443	1.19443	0.0952973	1.4394	1.4394	0.280576	1.2497	1.2497	0.0386174	1.60975	1.60975	2.96299	1.85347	0.556035	1
cg12143181	LIPA;LIPA	0.0704618	0.960736	0.991501	-1.00857	0.683144	1.00735	1.07375	0.561133	1.10726	1.10726	0.0209121	0.617633	-1.61909	0.97816	0.995623	-1.0044	0.20167	0.791547	-1.26335	0.0205009	0.612261	0.415563	1.15521	1.15521	0.0597206	1.4454	1.4454	2.96298	1.41068	0.423202	1
cg00776119	AP4S1;STN3;STRN3;STRN3;AP4S1	0.0704645	0.1989021	2.44943	2.44943	1.0307722	0.54369	0.73449	0.0609923	1.93304	1.93304	7	0.372448	2.319883	0.5934	1.34428	0.0474394	0.291952	2.02994	2.02994	0.0978068	1.25739	1.25739	0.940784	0.878505	-1.1383	0.0590975	0.240938	4.09459	2.96314	2.96314	1.29407	0.398899	1
cg10838664	MIAT	0.0704649	0.928684	0.976993	-1.02355	0.00494756	0.379944	-2.63196	0.0215114	0.487726	-2.05033	0.434697	0.812818	-1.23029	0.229335	0.720375	-1.38817	0.264464	0.739026	-1.35313	0.0388523	0.536925	-1.86244	0.136695	0.659105	-1.51721	0.175221	0.687391	-1.45478	2.96292	3.17258	0.951788	1
cg06370862	TFAP2D	0.0704654	0.5482457	0.737144	-1.35659	0.424581	0.663812	-1.50645	0.686896	1.22586	1.22586	0.8326	0.899105	-1.11222	0.420127	0.661143	-1.51253	0.238476	0.537736	1.85965	7	7	7	0.0028752	7.84741	7.84741	0.799313	0.879845	-1.13656	0.102358	10.6689	3.55442	1
cg26999345	C1QTNF6;C1QTNF6	0.0704659	0.8629954	1.085748	1.307222	0.0407501	0.1624036	-6.13407	0.0661089	0.368904	-2.71073	0.178839	0.501145	-1.99543	0.0817558	0.393338	-2.54234	0.0929234	0.408824	-2.44644	0.0472152	0.333406	-2.99934	0.0526249	0.344448	-2.90232	0.0705325	0.573949	-1.74231	2.96291	0.981707	3.29427	1
cg09624565	NCF4;NCF4	0.0704666	0.529949	0.838022	-1.19329	0.208307	0.691892	-1.44531	0.00283219	0.319364	-3.13123	0.0714334	0.571786	-1.74891	0.274492	0.729274	-1.37123	0.110641	0.617134	-1.62039	0.245428	0.713674	-1.4012	0.446338	0.806116	-1.24052	0.0318264	0.497298	-2.01087	2.96289	3.6177	1.08533	1
cg16496219	ATF6B;ATF6B	0.0704682	0.166921	1.54004	1.54004	0.20227	0.976006	-1.4837	0.0135393	0.7034	1.3225	1.3225	0.177848	0.657318	-1.52141	0.247203	0.7034	0.703483	1.42255	1.42255	0.0204	0.809484	1.235796	1.07321	0.0105776	0.399243	2.50633	0.478558	0.490448	2.17842	2.96287	4.02958	2.20891	1
cg13434261	PAX5	0.0704691	0.910409	0.945197	-1.05798	0.180443	0.487085	-2.05303	0.328365	1.66127	1.66127	0.0545799	0.328342	-3.04561	0.0979381	0.397641	-2.51483	0.0378021	0.290935	-3.43719	0.238502	1.8637	1.8637	0.0664249	2.85586	2.85586	0.0403168	1.53703	1.53703	2.96285	12.3748	3.02311	1
cg04489190	KRTCAP2;TRIM46	0.0704706	0.1546464	1.32021	1.32021	1.02667	0.2678341	1.51819	0.0618485	1.27843	1.27843	0.0401745	1.284478	1.284478	0.0204142	1.57585	1.57585	0.0166447	1.42394	1.42394	0.0114994	1.42394	1.42394	0.0276569	1.42394	1.42394	0.0276569	1.42394	1.42394	2.96285	1.11998	0.37883	1
cg12706425	KLF9	0.0704737	0.266151	1.501915	-1.99237	0.0468309	1.87253	1.87253	0.226777	2.12761	2.12761	0.886109	0.91827	-1.089	0.0652452	0.291905	3.42577	0.574119	0.713317	1.4019	0.0103217	0.146235	-6.8383	0.658172	0.767278	-1.30331	0.906384	1.0725	1.0725	1.96277	16.6086	4.9829	1
cg12182640	MCA	0.070475	0.167468	0.705189	-1.41806	0.374089	0.805266	-1.24183	0.0400174	0.39941	-2.50369	0.886016	0.10464	1.03464	0.0927219	0.490132	0.577476	-1.47607	0.888401	1.03389	0.527619	1.16407	1.16407	0.083997	0.635162	-1.5744	0.0592316	0.60315	-1.65796	2.96275	2.64422	0.793322	1
cg10943842	ANXA9;DY	0.0704745	0.39665	1.16618	1.16618	1.00627	0.6378559	1.16379	0.0633792	1.06379	0.0413113	0.655377	1.52586	0.6542213	1.0092	1.02737	0.0273194	0.125848	0.743892	-1.34428	0.0234329	0.496766	0.866351	-1.15427	0.128952	0.743892	-1.3442	0.0781286	1.73142	-1.36702	1.83862	1.53729	0.97557	1
cg15768620	JAKMIP3	0.0704792	0.083563	0.467954	-2.13696	0.0315155	0.367883	-2.71826	0.094565	0.482587	-2.07217	0.129663	0.522492	-1.91391	0.0188282	0.323595	-3.09028	0.0823037	0.466193	-2.14504	0.0164964	0.312998	-3.1949	0.13517	0.528055	-1.89374	0.0724528	0.451698	-2.21387	2.96268	7.37676	2.21324	1
cg00328762	DIDO1	0.0704853	0.932286	1.02928	1.02928	0.279833	1.64449	1.64449	0.0917387	1.55145	1.55145	0.388998	0.744203	1.35164	0.388998	0.744203	-1.34367	0.666888	1.863248	-1.15842	0.0664977	0.894578	2.02193	0.0183752	0.744203	1.35164	0.388998	0.744203	-1.34367	2.96265	5.41106	1.62353	1
cg24941931	C19orf44;CALR3	0.0704856	0.116154	2.47411	2.47411	0.512194	1.42287	1.42287	0.0827719	0.166746	-5.99714	0.978054	0.1047	1.0547	0.167257	0.457911	-2.18383	7	7	7	0.189907	2.08882	2.08882	0.278887	1.83204	1.83204	0.692134	1.23509	1.23509	1.00123	11.8927	3.96262	1
cg22026610	NFE2	0.0704857	0.874531	1.05159	1.05159	0.0725337	1.89243	1.89243	0.740033	1.11183	1.11183	0.00496821	3.26711	3.26711	0.234343	1.48715	1.48715	0.242145	0.677256	-1.47655	0.449744	0.782556	-1.27786	0.198039	0.648506	-1.54201	0.997624	0.999053	-1.00095	2.96257	4.75501	1.42669	1
cg24204526	FLJ42875;FLJ42875	0.0704865	0.0470825	0.7323	0.7323	0.0298737	0.2613158	-3.82651	0.0134297	0.23792	-4.20357	0.0555358	0.54518	0.548418	0.162974	0.5148	-1.94277	0.0890482	2.6802	2.6802	0.653352	7	7	7	-1.28548	0.0491112	3.25714	0.313633	7.32955	12.9674	3.89075	2.41	1
cg16588649	NFIC;NFIC	0.0704868	0.128774	1.69805	1.69805	0.0418709	2.13067	2.13067	0.10598	1.76736	1.76736	0.0633092	1.96129	1.96129	0.104202	1.77348	1.77348	0.508218	1.24171	1.24171	0.00903864	2.91627	2.91627	0.0246668	2.37	2.37	0.0985127	1.79387	1.79387	2.96255	4.88122	1.46457	1
cg26391577	VGLL3	0.0704945	0.1642384	1.48284	1.48284	0.0788343	0.2626198	1.96153	0.0138705	0.188479	-5.30785	0.0468867	0.68725	0.687251	0.0242313	0.322304	-3.10277	0.486373	1.26856	1.26856	0.0109306	0.507033	0.507033	0.0241216	1.97226	1.97226	0.0108354	1.36174	1.36174	1.11998	1.52083	0.406368	0.281353	1
cg04177456	PTPRN2;PTPRN2;PTPRN2	0.0704896	0.0403309	0.48604	-2.05745	0.240557	0.687843	-1.45382	0.239855	0.687423	-1.45471	0.924574	0.971573	-1.02926	0.00316055	0.292808	3.41526	0.655094	1.872034	-1.14674	0.242516	1.45135	1.45135	0.751811	0.907897	-1.10145	0.435399	1.784777	1.27425	2.9625	4.35169	1.30571	1
cg07391913	ARHGEF3;ARHGEF3	0.0704917	0.0330813	0.265933	-3.76204	0.134485	0.25792	2.35792	0.531914	1.40011	1.40011	0.0417981	0.287314	-3.48051	0.364303	0.60925	-1.64136	0.803671	1.14157	1.14157	0.224146	1.97146	1.97146	0.406607	1.5701	1.5701	0.0465995	0.297815	-3.35779	2.96247	13.2565	3.97761	1
cg00478599	SLAIN1	0.0704919	0.1939	1.27926	1.27926	0.109627	0.3355	1.71577	1.71577	0.201674	1.85759	1.85759	0.1342	1.1442	0.0847235	0.532838	-1.87843	0.109978	0.704806	0.704806	0.0323041	0.76769	0.76769	0.0482316	1.21192	1.21192	0.0482316	1.15648	1.15648	1.02862	1.94247	0.73387	0.401677	1
cg22546055	HEATR5B;CCDC75;HEATR5B	0.0704921	0.217247	0.888018	-1.1261	0.934966	1.00749	1.00749	0.299706	1.10332	1.10332	0.72933	1.03229	1.03229	0.720545	1.03341	1.03341	0.132689	1.16	1.16	0.00384005	0.700343	-1.42828	0.370456	0.919305	-1.08778	0.346985	1.09264	1.09264	2.96246	0.992679	0.117824	1
cg21505538	ZFP92	0.0704938	0.0088082	0.422809	0.422809	0.0408476	0.1244627	0.201979	0.0048394	0.588934	-1.69708	0.244098	0.515508	-1.62468	0.0204358	0.222524	-4.41933	0.900535	1.10186	1.10186	0.125498	1.39615	1.39615	0.0866424	1.19477	1.19477	0.0866424	1.50586	1.50586	1.24284	1.89	0.632305	1
cg25609307	RNF141	0.0704942	0.970564	1.0056	1.0056	0.372254	0.870568	-1.14868	0.4094	1.13617	1.13617	0.0979052	1.31618	1.31618	0.121828	1.29259	1.29259	0.005061	1.75205	1.75205	0.866052	1.02587	1.02587	0.425006	0.884024	-1.13119	0.195785	0.813016	0.122999	2.96243	0.07418	0.322311	1
cg12349422	TNNC1	0.0704949	0.6059605	1.13496	1.13496	0.7613387	1.0769	1.0769	0.015381	0.485063	-2.06159	0.100434	1.52762	1.52762	0.100876	1.54819	1.54819	0.53396	1.16559	1.16559	0.0695986	1.63382	1.63382	0.931084	0.97918	-1.02126	0.120539	0.663915	-1.50622	2.96242	2.77623	0.833022	1
cg20940221	TKTL1;TKTL1;TKTL1	0.0704951	0.2242552	1.30258	1.30258	0.0298867	0.1764158	-3.16263	0.0307898	0.246686	-4.05133	0.0415966	0.176695	-2.23745	0.699161	1.15942	1.15942	0.0084183	0.357495	-2.79724	0.382575	1.39375	1.39375	0.134944	2.22429	2.22429	0.134944	1.98368	1.98368	2.96241	3.25925	2.4782	1
cg27615432	SERP1;SERP1;EIF2A	0.0704969	0.287372	1.40237	1.40237	0.225641	0.677376	-1.47628	0.42838	1.28083	1.28083	0.0337938	2.13557	2.13557	0.0191611	1.30825	1.30825	0.008481	0.357495	-2.79724	0.382575	1.31537	1.31537	0.595023	1.17849	1.17849	0.84037	1.36368	1.36368	2.96238	4.39667	1.31926	1
cg00183725	PCBP4	0.0704972	0.222932	1.40236	1.40236	0.0420667	0.1238442	1.85176	0.0131319	0.14757	-6.77357	0.0275198	0.1455	1.1455	0.0127198	0.340904	-2.93307	0.278838	1.4655	1.4655	0.1409	0.224879	-4.4481	0.0254146	1.0141	1.0141	0.0510305	1.1017	1.1017	1.00123	1.10422	0.368074	1
cg22412536	RORA	0.070503	0.998597	1.00033	1.00033	0.188823	0.769583	-1.2994	0.0404833	0.640736	-1.56071	0.272291	0.806568	-1.23982	0.00630055	0.512037	-1.95298	0.298642	0.816555	-1.22466	0.531828	1.12653	1.12653	0.681115	1.08083	1.08083	0.0361553	0.632318	-1.58148	2.96228	1.6604	0.498235	1
cg27350579	EPN	0.0704973	0.9092883	1.02928	1.02928	0.2578312	1.64449	1.64449	0.0917387	1.55145	1.55145	0.388998	0.744203	1.35164	0.388998	0.744203	-1.34367	0.666888	1.863248	-1.15842	0.0664977	0.894578	2.02193	0.0183752	0.744203	1.35164	0.388998	0.744203	-1.34367	2.96225	5.41106	1.62353	1
cg27615432	KRT33A	0.070505	0.88337	0.766432	-1.03473	0.0266117	1.16877	1.16877	0.00347577	0.597504	-2.5157	0.485356	1.37929	1.37929	0.199898	0.510442	-1.63816	0.775303	1.06884	1.06884	0.512009	1.673	1.673	0.147182	0.696404	-1.43595	0.945257	1.0161	1.0161	1.26224	2.53837	0.761696	1
cg17487439	TTC7A	0.0705056	0.395315	0.819818	-1.21978	0.396614	0.820287	-1.21908	0.916742	0.976419	-1.02415	0.94257	1.01658	1.01658	0.64572	0.592886	-1.68666	0.029165	1.79788	1.79788	0.0192182	1.90872	1.90872	0.260354	1.30725	1.30725	0.824431	0.950557	-1.05201	2.96223	2.44342	0.733206	1
cg20795229	NR5A2;NR5A2	0.0705059	0.1939388	-2.59023	-2.59023	0.0570212	0.737251	-1.56556	0.626867	1.35104	1.35104	0.0189044	1.371956	-5.81544	0.119216	0.550091	-4.49391	0.864634	0.89973	-1.11144	0.547926	0.686245	-1.45723	0.583067	0.790439	-1.40957	0.0770376	0.295972	-3.3787	2.96223	17.9003	3.38844	1
cg06479653	NAPG	0.0705076	0.0250096	2.75496	2.75496	0.594303	1.1385	1.1385	0.73386	0.920955	-1.08583	0.490935	1.18391	1.18391	0.953851	0.987478	-1.01268	0.182369	0.710714	-1.40704	0.209443	0.726733	-1.37602	0.704002	0.912013	-1.09648	0.492503	1.18316	1.18316	2.9622	2.73139	0.819627	1
cg18207900	NTNG1;NTNG1;NTNG1	0.0705091	0.0030491	0.336801	-2.96911	0.0258414	0.1136	0.312363	0.519285	1.19146	1.19146	0.628533	1.13965	1.13965	0.504749	0.834017	-1.19902	0.98207	0.990102	-1.00924	0.936585	1.0236	1.0236	0.0709655	1.60408	1.60408	0.823201	1.06228	1.06228	2.96218	3.37333	1.01227	1
cg17794320	KIF7	0.0705092	0.1957609	1.7649	1.7649	0.204769	0.743889	4.73889	0.0127626	1.39278	1.39278	0.324638	1.52555	1.52555	0.269011	1.61281	1.61281	0.933817	1.03509	1.03509	0.937371	1.23131	1.23131	0.0434925	1.04585	1.04585	0.104928	1.08708	1.08708	2.96217	0.8888	0.22729	1
cg04022724	DOCK7	0.0705097	0.796951	1.09597	1.09597	0.0479692	2.335	2.2335	0.0251629	2.57656	2.57656	0.44103	1.32215	1.32215	0.743675	1.1237	1.1237	0.013799	0.425275	-2.35142	0.076253	0.496045	-2.01595	0.860363	0.939134	-1.06458	0.814095	1.08733	1.08733	2.96216	5.92685	1.77854	1
cg25983305	PPP2CC	0.0705099	0.378373	1.11966	1.11966	0.109627	0.4664	1.2664	0.0733636	0.776364	1.24864	0.0464664	1.31799	1.31799	0.0761186	1.24296	1.24296	0.644802	1.08272	1.08272	0.0761579	1.2499	1.2499	0.0464664	1.14209	1.14209	0.0464664	1.15259	1.15259	1.08308	1.26666	2.58949	2.62643	2.24497	0.266472	0.142729	1
cg14088902	TXNDC5;TXNDC5	0.0705127	0.6100224	0.933661	-1.07105	0.0121115	1.51792	1.51792	0.000926274	1.55374	1.55374	0.950453	0.991742	-1.00833	0.0572323	1.3325	1.3325	0.318205	1.1476	1.1476	0.814011	0.969042	-1.03195	0.956367	0.992725	-1.00733	0.285743	1.15945	1.15945	2.96211	0.835371	0.250683	1
cg04944393	ATP6V1E2	0.0705131	0.405127	0.882358	-1.13403	0.0047313	0.379056	-2.63813	0.360951	0.784839	-1.2748	0.532863	1.1679	1.1679	0.751196	1.08571	1.08571	0.482862	1.20246	1.20246	0.172453	1.45688	1.45688	0.906945	1.03069	1.03069	0.0517482	1.05423	1.05423	1.27233	1.92911	0.313535	0.940876	1
cg03007125	SCUBE1 MTHFSD;MTHFSD;MTHFSD;MTHFSD;M	0.0705169	0.4218676	0.762585	-1.31133	0.720044	1.12625	1.12625	0.0448907	0.28606	-3.49577	0.736745	1.12289	1.12289	0.0715475	0.480122	-2.08281	0.2623	0.769683	-1.47127	0.861209	0.943287	-1.05952	0.285769	0.693334	-1.44231	0.0292604	0.428064	2.3361	2.96204	5.1198	1.53642	1
cg05480260	THFSD;MTHFSD;MTHFSD	0.070518	0.145587	0.638937	-1.5651	0.278627	0.724019	-1.38118	0.101341	0.597937	-1.67242	0.166073	0.654829	-1.52712	0.0365817	0.498386	-2.00648	0.764184	0.917367	-1.09008	0.0140997	2.38351	2.38351	0.39803	0.78031	-1.28154	0.791385	0.926819	-1.07896	2.9202	3.85525	1.15694	1
cg15771128	TULP4;TULP4	0.0705205	0.0289015	0.570653	-1.75238	0.187622	0.737795	-1.35539	0.119418	1.44481	1.44481	0.811503	0.949304	-1.0534	0.00883381	0.483893	-2.06657	0.63501	0.901107	-1.10975	0.183707	0.734392	-1.36167	0.747882	0.93218	-1.07275	0.460625	1.17771	1.17771	2.96198	2.22453	0.66758	1
cg25186909	FGR;FGR;FGR	0.0705252	0.1509077	1.85131	1.85131	0.0470278	0.2717752	2.17752	0.0230661	0.97684	-1.02371	0.163651	0.857302	-1.16658	0.0133589	0.600123	-1.66602	0.669566	1.08282	1.08282	0.0153111	1.0492	1.0492	0.0883715	0.945055	-1.05842	0.939492	0.991552	-1.00852	2.96196	2.06599	0.14993	1
ch.11.1980478	IAMOTL1	0.0705225	0.0172594	0.157321	-6.35643	0.055534	0.250707	-3.98872	0.0125253	0.138022	-7.24521	0.0223759	0.174684	-5.72462	0.073366	0.279996	0.57148	0.332145	0.5284	-1.89251	0.225764	0.444386	-2.2503	0.238385	0.455042	-2.1976	0.320475	0.519703	-1.92418	2.96195	19.0696	5.72284	1
cg13113052	POU	0.0705235	0.578543	0.921631	-1.0848	0.701675	1.05741	1.05741	0.720667	0.949255	-1.05346	0.593377	0.924805	-1.08131	0.0157109	0.53637	0.53637	0.224916	0.831203	-1.20308	0.10846	0.775754	-1.28913	0.020274	0.666347	-1.50072	0.187926	0.816777	-1.22432	2.96193	0.986898	0.296173	1
cg23754390	CD151;CD151;CD151;CD151	0.0705242	0.0577746	0.72148	0.72148	0.0987905	1.00717	1.00717	0.0227573	1.45773	1.45773	0.262796	0.971748	-1.02961	0.0147186	0.721961	0.721961	0.214451	0.4913	-2.03547	0.0388756	0.311784	0.70418	-1.42017	0.0904435	0.552605	-1.80961	0.718753	0.136353	-7.33707	2.96192	14.421	5.82868	1
cg14527029	HGD;HGD	0.0705272	0.135188	2.26145	2.26145	0.0986115	2.50362	2.50362	0.475957	1.44381	1.44381	0.04243	3.26803	3.26803	0.273839	0.561584	-1.78068	0.0136362	4.69332	4.69332	0.0653079	2.85316	2.85316	0.0616328	2.90

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24100214	DIAPH1;DIAPH1	0.0706142	0.128778	0.855034	-1.16954	0.921685	1.00943	1.00943	0.0866761	0.834825	-1.19786	0.0390889	0.796266	-1.25586	0.121808	1.17352	1.17352
cg25846290	NOBOX	0.0706142	0.0366103	0.648611	-1.54176	0.220686	0.794924	-1.25798	0.875415	1.02836	1.02836	0.816945	0.959512	-1.0422	0.256639	0.809733	-1.23498
cg01910727	ITPKB	0.0706161	0.114253	0.57293	-1.74542	0.726399	0.892347	-1.12064	0.0163031	0.385875	-2.59151	0.881844	0.952924	-1.0494	0.00974075	0.346463	-2.88631
cg11846581	MAN2C1	0.0706162	0.842806	0.956717	-1.04524	0.104457	0.673326	-1.48517	0.119713	1.45679	1.45679	0.719719	1.08362	1.08362	0.398828	1.21228	1.21228
cg14101380	SHANK2	0.0706186	0.12632	0.806818	-1.23944	0.79747	1.03394	1.03394	0.963329	0.994051	-1.00599	0.492898	1.09459	1.09459	0.744586	0.95846	-1.04334
cg11165912	COL25A1;COL25A1	0.0706248	0.180064	0.481118	-2.07849	0.0726902	2.79837	2.79837	0.863954	1.09213	1.09213	0.564952	0.741569	-1.34849	0.166399	0.468447	-2.13471
cg02700161	SPTBN2	0.0706261	0.158908	0.742098	-1.34753	0.946471	0.986787	-1.01339	0.816337	1.04717	1.04717	0.829177	0.9581	-1.04373	0.961272	1.00967	1.00967
cg19642494	TACC2;TACC2;TACC2;TACC2	0.070627	0.338452	1.75309	1.75309	0.00328227	9.77051	9.77051	0.0103947	6.27069	6.27069	0.488425	1.49248	1.49248	0.404637	1.62438	1.62438
cg08146034	ACTR3	0.0706273	0.399454	1.08066	1.08066	0.0483312	1.22493	1.22493	0.0256829	0.787969	-1.26909	0.0640909	0.82935	-1.20576	0.476172	1.06732	1.06732
cg00723271	PPP2R5C;PPP2R5C	0.0706319	0.252558	0.649322	-1.54007	0.307657	1.46456	1.46456	0.368462	0.716216	-1.39623	0.491609	1.28711	1.28711	0.146095	0.56905	-1.75732
cg14893163	PCDH17;PCDH17	0.0706321	0.465093	1.05568	1.05568	0.837968	1.01504	1.01504	0.297665	1.08187	1.08187	0.910576	1.00822	1.00822	0.805668	1.01813	1.01813
cg16370875	ELOVL4	0.0706324	0.966385	1.01519	1.01519	0.284644	1.48816	1.48816	0.0173145	2.82028	2.82028	0.562066	1.23328	1.23328	0.572066	0.815281	-1.22657
cg01531431	PPDPF	0.0706333	0.114023	1.50478	1.50478	0.0292476	1.84144	1.84144	0.959861	1.01203	1.01203	0.068758	1.62285	1.62285	0.22886	1.35008	1.35008
cg16385415	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.0706333	0.029955	0.122314	-8.17567	0.0119815	0.0758366	-13.1862	0.610503	0.655302	-1.52601	0.0717558	5.22858	5.22858	0.427534	0.513497	-1.94743
cg00446003	AP3D1;AP3D1	0.0706335	0.114209	2.15227	2.15227	0.0206147	3.46908	3.46908	0.00601522	4.95914	4.95914	0.101691	2.22407	2.22407	0.195758	1.84111	1.84111
cg08605458	KCNK3	0.0706365	0.155642	0.417611	-2.39457	0.0557912	0.287793	-3.47472	0.0350752	0.243838	-4.10108	0.152965	0.414911	-2.41016	0.0198829	0.198752	-5.03141
cg04748923	HSD11B1L;C19orf70;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L	0.0706374	0.364502	2.74408	2.74408	0.792246	1.32764	1.32764	0.0520816	0.0831482	-12.0267	?	?	?	0.458146	2.26081	2.26081
cg26270832	SLC12A7	0.0706381	0.0263364	0.542752	-1.84246	0.361072	0.80428	-1.24335	0.00720786	0.447295	-2.23566	0.229432	0.746351	-1.33985	0.0361569	0.568234	-1.75984
cg10983617	AGRN	0.0706383	0.676275	0.936164	-1.06819	0.00407347	1.83244	1.83244	0.330616	0.854111	-1.17081	0.462528	0.889159	-1.12466	0.379528	1.15213	1.15213
cg10268811	HUNK	0.0706393	0.0155567	0.387332	-2.58177	0.741982	1.1114	1.1114	?	?	?	0.826932	0.932394	-1.07251	0.0177195	0.397732	-2.51426
cg15749148	C10orf79	0.0706403	0.906318	0.978326	-1.02215	0.355033	0.837712	-1.19373	0.334311	0.830831	-1.20361	0.275703	1.23497	1.23497	0.915262	1.02001	1.02001
cg11964938	POLD1	0.070641	0.469845	0.860278	-1.16241	0.593168	1.1167	1.1167	0.931043	1.01787	1.01787	0.636679	0.907203	-1.10229	0.010579	0.517802	-1.93124
cg04255044	FBXO31;FBXO31	0.070641	0.0962728	0.371394	-2.69256	0.260159	1.89082	1.89082	0.0476883	3.41483	3.41483	0.662079	0.787801	-1.26936	0.188541	0.469731	-2.12888
cg09623986	AUP1;DQX1	0.0706421	0.322685	0.840941	-1.18914	0.0101618	0.57711	-1.73277	0.317	0.839107	-1.19174	0.409406	0.866692	-1.15381	0.352156	0.85013	-1.17629
cg12003990	MAD1L1;MAD1L1;MAD1L1	0.0706442	0.174153	1.46804	1.46804	0.0250149	0.492562	-2.0302	0.150253	0.663953	-1.50613	0.996697	1.0011	1.0011	0.982008	1.00601	1.00601
cg04394362	SH3GLB2	0.0706449	0.385369	0.911443	-1.09716	0.00304623	1.52644	1.52644	0.222834	1.14279	1.14279	0.353831	1.1045	1.1045	0.45997	1.08154	1.08154
cg10036727	SESN3	0.0706459	0.0469617	1.75171	1.75171	0.110503	0.651328	-1.53532	0.679073	0.902521	-1.10801	0.249169	1.34572	1.34572	0.00721931	0.425411	-2.35067
cg06529843	GZMK	0.070646	0.0436577	0.493916	-2.02464	0.197688	0.660919	-1.51305	0.00299033	0.289807	-3.45057	0.127454	0.605752	-1.65084	0.72612	0.898561	-1.11289
cg09314421	DOK2	0.0706473	0.0889163	0.433499	-2.30681	0.0466541	0.362454	-2.75897	0.101606	0.450028	-2.22208	0.55973	0.768939	-1.30049	0.00785172	0.218785	-4.57071
cg09670925	CADM1;CADM1	0.0706476	0.068648	0.230869	-4.33145	0.0181715	0.127081	-7.869	0.0593911	0.216377	-4.62156	0.198711	0.376476	-2.65621	0.0500396	0.200432	-4.98922
cg09481304	WBP11;C12orf60;WBP11	0.070649	0.232093	0.787421	-1.26997	0.265891	0.801649	-1.24743	0.318011	0.821334	-1.21753	0.369266	1.19226	1.19226	0.358294	1.19739	1.19739
cg14862395	CDH22	0.0706502	0.0420615	5.91077	5.91077	0.0518292	5.35708	5.35708	0.349507	2.07611	2.07611	0.175102	2.98579	2.98579	0.373203	2.00051	2.00051
cg03345059	NDST1	0.0706534	0.171989	0.741313	-1.34896	0.0273125	1.71198	1.71198	0.113928	0.701828	-1.42485	0.123231	1.41025	1.41025	0.0594739	0.645347	-1.54955
cg03663874	ARHGDIG;PDIA2	0.0706544	0.580726	0.896914	-1.11493	0.128992	1.37703	1.37703	0.155502	1.345	1.345	0.21153	0.773614	-1.29263	0.0115302	0.540009	-1.85182
cg16512570	ACCS;ACCS;ACCS;ACCS	0.0706546	0.588999	1.9212	1.9212	0.104911	8.34118	8.34118	0.92331	0.891135	-1.12216	0.117878	7.63433	7.63433	0.55219	0.486795	-2.05425
cg10468737	FAM47A;FAM47A	0.0706583	0.422526	0.69403	-1.44086	0.159531	0.511637	-1.95451	0.103973	0.452689	-2.20902	0.787786	0.886666	-1.12782	0.0604305	0.389082	-2.57015
cg06332964	TBC1D22A	0.0706592	0.0505611	0.175922	-5.68434	0.0524024	0.178996	-5.58672	0.186129	0.33514	-2.98383	0.179167	0.328609	-3.04313	0.0289329	0.134182	-7.45254
cg27640254	DHRS9	0.0706597	0.0994014	0.198571	-5.03598	0.0385069	0.116982	-8.54835	0.0874239	0.184721	-5.41357	0.430289	0.486474	-2.05561	0.0272909	0.0965333	-10.3591
cg06005892	OSBPL5;OSBPL5;OSBPL5	0.07066	0.79835	0.900904	-1.11	0.116955	2.00214	2.00214	0.580509	0.796495	-1.2555	0.193957	0.571088	-1.75104	0.00366799	0.201625	-4.9597
cg27261219	TMPRSS12	0.0706643	0.20416	1.4386	1.4386	0.0966351	1.64048	1.64048	0.0454638	1.86375	1.86375	0.772073	1.08201	1.08201	0.234161	0.712863	-1.40279
cg13687114	ARHGEF18;ARHGEF18	0.0706668	0.075026	0.727199	-1.37514	0.0180597	0.630367	-1.58638	0.931193	1.01397	1.01397	0.19395	0.801857	-1.24711	0.575564	1.09514	1.09514
cg08511485	MECOM	0.0706671	0.243944	1.49119	1.49119	0.00785175	3.05897	3.05897	0.493684	1.25587	1.25587	0.210018	1.54186	1.54186	0.0966615	0.550041	-1.81805
cg03744975	SARNP;SARNP;SARNP;ORMDL2	0.0706682	0.0451256	0.517432	-1.93262	0.903108	1.03552	1.03552	0.0505323	0.527958	-1.89409	0.888744	0.960674	-1.04094	0.0683446	0.557141	-1.79488
cg06452779	CRYAA	0.0706687	0.0681161	0.545624	-1.83276	0.0100599	0.381633	-2.62032	0.119466	0.605896	-1.65045	0.86283	1.05262	1.05262	0.0333232	0.478253	-2.09095
cg15225105	SAC3D1	0.0706697	0.00973003	0.532713	-1.87718	0.883258	0.972099	-1.0287	0.738146	0.937427	-1.06675	0.12654	0.727377	-1.3748	0.124519	1.37753	1.37753
cg06835483	ALOX12B	0.0706703	0.0254515	0.273575	-3.6553	0.0951578	0.408623	-2.44724	0.0876452	0.398443	-2.50977	0.163128	0.483571	-2.06795	0.0553129	0.346356	-2.8872
cg27081230	SNX20;SNX20;SNX20	0.070672	0.0139901	0.282746	-3.53674	0.407921	0.703046	-1.42238	0.928632	0.963399	-1.03799	0.146164	0.522394	-1.91426	0.100128	0.472436	-2.11669
cg26330987	TBC1D14;TBC1D14;TBC1D14	0.070672	0.971132	0.990424	-1.00967	0.0153062	0.453081	-2.20711	0.188518	0.690404	-1.44843	0.280991	0.74233	-1.34711	0.229972	0.715401	-1.39782
cg00819163	PTPRS;PTPRS;PTPRS;PTPRS	0.0706731	0.115791	0.761677	-1.31289	0.541155	0.906183	-1.10353	0.165862	0.790311	-1.26532	0.374004	0.864743	-1.15641	0.777354	1.04618	1.04618
cg17756143	EHMT2;EHMT2	0.0706735	0.097278	0.549819	-1.81878	0.216961	0.652452	-1.53268	0.133834	0.587736	-1.70144	0.979204	1.0086	1.0086	0.00782924	0.325653	-3.07075
cg01790144	ATP2C2	0.0706741	0.116199	0.53619	-1.86501	0.156231	0.574793	-1.73976	0.134443	0.554762	-1.80258	0.145012	0.564733	-1.77075	0.00392119	0.242384	-4.12568
cg10455676	MTIF2;MTIF2	0.0706765	0.598112	0.939682	-1.06419	0.58343	1.06692	1.06692	0.785398	1.03244	1.03244	0.892254	0.984274	-1.01598	0.359931	1.11637	1.11637
cg21174565	COLQ;COLQ;COLQ	0.0706765	0.162213	0.432987	-2.30954	0.186727	0.456088	-2.19256	0.0823329	0.339765	-2.94321	0.865278	0.909147	-1.09993	0.0113311	0.168875	-5.92153
cg09962807	SLCO5A1	0.0706775	0.0894716	0.770547	-1.29778	0.476587	0.904153	-1.10601	0.334268	0.870548	-1.1487	0.126835	0.794628	-1.25845	0.0251876	0.690316	-1.44861
cg16972240	SEMA6B	0.0706783	0.748568	0.938671	-1.06534	0.152313	1.35224	1.35224	0.00292245	0.447245	-2.23591	0.77095	1.05913	1.05913	0.610586	1.10636	1.10636
cg05784532	GALNT2	0.0706783	0.0262563	0.376957	-2.65283	0.021283	0.358989	-2.7856	0.0886027	0.498962	-2.00416	0.238886	0.633492	-1.57855	0.0291031	0.386048	-2.59035
cg13374648	PEG3;PEG3;ZIM2;ZIM2;PEG3;ZIM2;MIMT1;PEG3	0.0706795	0.60014	1.17006	1.17006	0.319698	0.736887	-1.35706	0.259671	0.705301	-1.41783	0.248171	1.43111	1.43111	0.972092	1.01044	1.01044
cg27365499	FBXO31;FBXO31	0.0706804	0.57037	1.4655	1.4655	0.00179873	19.2804	19.2804	0.0409733	4.81545	4.81545	0.478261	1.61677	1.61677	0.884871	1.10137	1.10137
cg04525892	MSRB3;MSRB3	0.0706806	0.128177	0.624114	-1.60227	0.15041	0.642836	-1.55561	0.049167	0.525357	-1.90347	0.0290206	0.47821	-2.09113	0.0370873	0.499631	-2.00148
cg27370558	CACNA1A;CACNA1A	0.0706808	0.96804	0.983809	-1.01646	0.402187	1.41807	1.41807	0.012448	3.55037	3.55037	0.163557	0.545655	-1.83266	0.152295	0.535414	-1.86771
cg17802144	STC2	0.0706813	0.217539	0.56527	-1.76907	0.393977	0.681168	-1.46807	0.00364231	5.6386	5.6386	0.956019	1.02455	1.02455	0.256766	0.594229	-1.68285
cg04931453	ALG2;ALG2;SEC61B	0.0706815	0.673427	1.06394	1.06394	0.312335	1.16511	1.16511	0.00160577	1.93791	1.93791	0.973145	0.99509	-1.00493	0.324718	1.16033	1.16033
cg11835197	TFAP2E	0.0706823	0.0472859	0.399894	-2.50066	0.0439302	0.392581	-2.54725	0.0835599	0.461435	-2.16715	0.225703	0.598236	-1.67158	0.063934	0.431331	-2.3184
cg20329220	LOC91450	0.070683	0.0277535	0.421487	-2.37255	0.0690926	0.508894	-1.96504	0.0917758	0.539814	-1.85249	0.0321846	0.434635	-2.30078	0.820343	0.927237	-1.07847
cg21124552	AP4E1	0.0706837	?	?	?	0.333598	1.83058	1.83058	?	?	?	0.00763284	0.0874549	-11.4345	?	?	?
cg25378769	C3orf37;C3orf37	0.0706842	0.700003	0.932103	-1.07284	0.2041	1.27557	1.27557	0.0588332	1.47336	1.47336	0.912459	0.980227	-1.02017	0.711047	1.06991	1.06991
cg16143049	HEG1	0.0706878	0.54872	0.871161	-1.14789	0.00729708	2.19559	2.19559	0.28979	1.2837	1.2837	0.863296	1.03995	1.03995	0.0800225	0.643069	-1.55504
cg13163919	TLE3;TLE3;TLE3	0.0706892	0.0305755	0.332696	-3.00575	0.956411	1.02396	1.02396	0.97874	1.01161	1.01161	0.624553	0.807642	-1.23817	0.0678497	0.412358	-2.42507
cg14107807	PRSS35;PRSS35	0.0706932	0.661014	0.940423	-1.06335	0.699646	0.947466	-1.05545	0.558375	1.08588	1.08588	0.130919	0.796889	-1.25488	0.148027	0.805721	-1.24112
cg27339840	ZC3H3	0.0706955	0.00620273	0.593647	-1.6845	0.0611375	1.36118	1.36118	0.114087	1.28554	1.28554	0.24137	0.835931	-1.19627	0.580979	0.921765	-1.08488
cg07539450	HERC4;HERC4;HERC4;HERC4	0.0706984	0.167134	1.15443	1.15443	0.7926	0.974631	-1.02603	0.093781	1.19685	1.19685	0.628156	1.04874	1.04874	0.854008	1.01812	1.01812
cg24391989	OSBPL10	0.0706989	0.0772953	0.366585	-2.72788	0.0062521	0.161917	-6.17599	0.0426863	0.303552	-3.29433	0.285682	0.567466	-1.76222	0.0319142	0.276747	-3.61341
cg14415066	FLJ44817	0.070702	0.0537617	0.523829	-1.90902	0.160137	0.642063	-1.55748	0.710072	0.895608	-1.11656	0.0272634	2.16268	2.16268	0.0552502	0.526459	-1.89948
cg01678878	BCMO1;BCMO1	0.0707031	0.0369146	0.404584	-2.47168	0.0329317	0.393988	-2.53815	0.317954	0.680166	-1.47023	0.227076	0.622821	-1.6056	0.0205667	0.352886	-2.83377
cg12367389	HTR2A;HTR2A	0.0707033	0.222508	0.776826	-1.28729	0.501059	1.144	1.144	0.0174122	0.56534	-1.76885	0.681894	1.08457	1.08457	0.235782	0.782896	-1.27731
cg00907267	ERBB3;ERBB3	0.0707034	0.329128	0.696668	-1.4354	0.547139	0.803606	-1.24439	0.716198	0.877194	-1.14	0.0196742	2.74895	2.74895	0.956555	0.980639	-1.01974
cg06451030	COL4A2	0.0707048	0.275711	0.829932	-1.20492	0.0178382	1.60549	1.60549	0.0259026	1.54461	1.54461	0.267439	1.20916	1.20916	0.551125	0.905615	-1.10422
cg06837568	WSCD2	0.0707064	0.0537322	6.99198	6.99198	0.260694	2.83365	2.83365	0.981204	0.9793	-1.02114	0.279794	2.71171	2.71171	0.0629311	6.40811	6.40811
cg27049076	PPP1CA;PPP1CA;PPP1CA	0.0707064	0.559217	1.33778	1.33778	0.0126008	4.61182	4.61182	0.00936921	5.07106	5.07106	0.462568	1.44555	1.44555	0.434517	0.675082	-1.4813
cg23513318	ZNF285A	0.0707069	0.162059	1.75952	1.75952	0.00764846	3.66083	3.66083	0.062374	2.21211	2.21211	0.375108	1.41135	1.41135	?	?	?
cg14338551	TTLL5	0.0707069	0.0270568	0.663516	-1.50712	0.181935	0.800873	-1.24864	0.0361541	0.68259	-1.46501	0.11173	0.762258	-1.31189	0.00516037	0.560571	-1.7839
cg04058799	PRKAG2	0.0707103	0.0897099	0.648841	-1.54121	0.40943	0.822771	-1.2154	0.341974	0.797395	-1.25408	0.100593	0.659748	-1.51573	0.00725668	0.44893	-2.22752
cg23335124	NPC2;ISCA2	0.0707103	0.629436	0.901981	-1.10867	0.171718	1.36167	1.36167	0.00791741	2.05982	2.05982	0.0472082	1.61899	1.61899	0.943404	1.01518	1.01518
cg04274487	RAB31	0.0707106	0.100786	0.82221	-1.21623	0.0610983	1.25843	1.25843	0.859134	1.01954	1.01954	0.21585	1.15242	1.15242	0.70401	1.04245	1.04245
cg20360273	GMCL1	0.0707111	0.13429	0.790319	-1.26531	0.42541	1.12595	1.12595	0.0702961	1.34294	1.34294	0.0377564	0.703873	-1.42071	0.0109508	0.627923	-1.59255
cg12212060	ZNF323;ZKSCAN3;ZNF323	0.0707131	0.0352162	0.347461	-2.87802	0.542203	1.30459	1.30459	0.88751	0.940825	-1.0629	0.666757	0.829693	-1.20526	0.0372309	0.352683	-2.83541
ch.1.4297470F	MARK1	0.0707133	0.176316	0.563471	-1.77471	0.299556	0.651152	-1.53574	0.00333756	0.203107	-4.92352	0.471302	0.746465	-1.33965	0.0348347	0.374751	-2.66844
cg26610808	BLOC1S2;BLOC1S2	0.0707162	0.571176	0.784366	-1.27492	0.00886098	4.11162	4.11162	0.787245	0.89154	-1.12165	0.275906	0.618158	-1.61771	0.698239	1.17979	1.17979
cg15979171	SKI	0.0707178	0.891606	0.903721	-1.10654	0.0380077	5.96547	5.96547	0.0428293	5.64563	5.64563	0.286641	2.27401	2.27401	0.0988842	0.260937	-3.83235
cg20540608	NDUFAF2;ERCC8;NDUFAF2	0.0707179	0.21266	1.22494	1.22494	0.965021	0.993244	-1.0068	0.272407	0.83813	-1.19313	0.231334	0.823605	-1.21417	0.0100793	0.605378	-1.65186
cg09706277	CD276;CD276	0.0707184	0.609074	1.22245	1.22245	0.378637	1.42156	1.42156	0.673449	0.847841	-1.17947	0.0182643	3.05151	3.05151	0.569246	0.799306	-1.25109
cg00599410	LOC400891;P2RX6P	0.0707202	0.0192098	0.542725	-1.84255	0.42345	1.19289	1.19289	0.412655	1.19805	1.19805	0.393057	0.827991	-1.20774	0.0701326	0.6461	-1.54775
cg17737141	CENPL;DARS2;DARS2;CENPL;CENPL	0.070721	0.203446	0.854153	-1.17075	0.23524	1.1573	1.1573	0.1924	0.850418	-1.17589	0.0207627	0.72115	-1.38667	0.101483	0.810124	-1.23438
cg01482958	LPAR3	0.0707211	0.555667	1.16763	1.16763	0.300996	1.32134	1.32134	0.00774496	0.410942	-2.43343	0.368871	0.786655	-1.2712	0.319203	0.765171	-1.3069
cg16103959	NR5A2;NR5A2	0.0707222	0.147764	5.63425	5.63425	0.00738327	46.6663	46.6663	0.0929224	7.82993	7.82993	0.611662	0.565533	-1.76824	0.179948	4.88114	4.88114
cg17385679	SPNS2	0.0707223	0.167954	1.28975	1.28975	0.315965	1.19665	1.19665	0.00345832	1.98846	1.98846	0.0794812	1.40081	1.40081	0.0268498	1.57465	1.57465
cg26595520	LRRC4;SND1	0.070724	0.856239	0.973362	-1.02737	0.12067	1.28479	1.28479	0.0486604	1.39832	1.39832	0.829702	1.03259	1.03259	0.29936	0.852028	-1.17367
cg25829945	IL12A	0.0707262	0.478743	0.788385	-1.26842	0.00468405	0.289027	-3.45989	0.0220504	0.403895	-2.47589	0.161746	0.610584	-1.63778	0.267575	0.682952	-1.46423
cg12648759	ATF6	0.0707268	0.174931	0.805525	-1.24143	0.0676687	1.35911	1.35911	0.200074	1.22495	1.22495	0.194777	0.81417	-1.22824	0.0696099	0.73772	-1.35553
cg23399286	OC90	0.0707273	0.837344	1.06802	1.06802	0.765818	0.908808	-1.10034	0.00400185	0.289903	-3.44943	0.357897	0.738844	-1.35347	0.016019	0.38914	-2.56977
cg25619607	IMPACT	0.0707292	0.232865	1.20892	1.20892	0.0768194	1.34777	1.34777	0.0339256	1.45576	1.45576	0.295578	1.1788	1.1788	0.616364	1.07962	1.07962
cg12564175	ESCO2;CCDC25	0.0707299	0.0504762	0.294976	-3.39011	0.0660544	0.323257	-3.09351	0.092561	0.36285	-2.75596	0.660966	0.785285	-1.27342	0.0108808	0.173599	-5.7604
cg26827058	FSTL4	0.0707299	0.0894579	0.823317	-1.2146	0.176669	0.861465	-1.16081	0.614865	1.05409	1.05409	0.851028	0.980669	-1.01971	0.973659	1.00343	1.00343
cg09110655	STIM1	0.0707308	0.681797	0.896389	-1.11559	0.710444	1.104	1.104	0.192779	1.44155	1.44155	0.798737	1.07014	1.07014	0.126364	0.644833	-1.55079
cg17012202	NEU1;NEU1	0.0707322	0.133435	1.34908	1.34908	0.119765	1.36645	1.36645	0.160581	1.31949	1.31949	0.64885	1.0885	1.0885	0.0427129	1.53957	1.53957
cg19571127	PLIN3;PLIN3;PLIN3	0.0707329	0.788254	1.09502	1.09502	0.478452	1.27574	1.27574	0.0445376	2.21395	2.21395	0.720478	1.12885	1.12885	0.224377	0.64824	-1.54264
cg18346182	DIP2C	0.0707357	0.359621	0.86965	-1.14989	0.456465	0.893634	-1.11903	0.06864	1.35285	1.35285	0.0174411	1.53594	1.53594	0.744403	1.04971	1.04971
cg04415168	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.0707372	0.97916	0.989453	-1.01066	0.01401	3.42654	3.42654	0.220493	1.68689	1.68689	0.710398	1.16346	1.16346	0.510764	0.762787	-1.31098
cg17897694	TRNP1	0.0707375	0.137776	2.25335	2.25335	0.959738	0.975333	-1.02529	0.580746	1.31914	1.31914	?	?	?	?	?	?
cg11617357	ATG10;ATG10	0.0707377	0.827209	0.974866	-1.02578	0.243473	1.1527	1.1527	0.435063	1.09717	1.09717	0.0246464	0.732287	-1.36559	0.0203203	1.38504	1.38504
cg24325883	RAD54L;RAD54L	0.070738	0.0247782	0.794917	-1.25799	0.052012	1.20907	1.20907	0.199326	0.890061	-1.12352	0.258775	1.10649	1.10649	0.952339	1.00515	1.00515
cg26891576	NBR2;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1	0.0707392	0.706978	0.944981	-1.05822	0.365991	1.14933	1.14933	0.871861	0.976101	-1.02448	0.268986	0.841545	-1.18829	0.00248874	0.532644	-1.87743
cg26536354	C8orf73	0.0707393	0.0326714	0.49013	-2.04028	0.00810179	0.38013	-2.63068	0.656212	0.880016	-1.13634	0.809308	0.933354	-1.0714	0.030848	0.485148	-2.06123
cg05842391	RDX	0.0707402	0.130361	1.23921	1.23921	0.217225	1.18581	1.18581	0.00997241	1.53291	1.53291	0.48249	0.910552	-1.09823	0.874792	1.02092	1.02092
cg15607672	OTX2	0.0707403	0.0913069	0.298825	-3.34644	0.0216898	0.166919	-5.99092	0.915411	0.933315	-1.07145	0.176109	2.5453	2.5453	0.0609026	0.253556	-3.94391
cg23460578	MIR10B	0.0707408	0.0754398	6.01285	6.01285	0.0199107	12.7702	12.7702	0.0564004	7.08534	7.08534	0.180179	3.63282	3.63282	0.0507459	7.51948	7.51948
cg14443925	WDR85	0.0707421	0.402918	0.806808	-1.23945	0.0389732	0.549173	-1.82092	0.0635164	0.592593	-1.6875	0.542688	1.16712	1.16712	0.00447387	0.38647	-2.58752
cg17596905	CCDC50;CCDC50;CCDC50;CCDC50;UTS2D	0.0707462	0.0286032	0.536493	-1.86396	0.0443622	1.74512	1.74512	0.133335	1.47762	1.47762	0.724649	0.91826	-1.08902	0.617529	0.88569	-1.12906
cg24156854	SNAPC2	0.0707465	0.819845	0.876815	-1.14049	0.0112492	6.23394	6.23394	0.0728113	3.1687	3.1687	0.098767	2.8382	2.8382	0.8734	1.09625	1.09625
cg12959622	SNORD12B;C20orf199;SNORD12C;MIR1259;C20orf199;ZNFX1;C20orf199	0.070747	0.0304363	0.760253	-1.31535	0.105893	1.20691	1.20691	0.95212	1.00633	1.00633	0.931994	1.009	1.009	0.025824	1.33064	1.33064
cg26809372	LAMC1	0.0707471	0.0990513	0.520517	-1.92117	0.94553	0.975632	-1.02498	0.159798	0.581385	-1.72003	0.486089	0.774495	-1.29116	0.0020061	0.207158	-4.82724
cg01558721	XKR4;SBF1P1	0.0707476	0.741795	0.928269	-1.07727	0.349719	1.24198	1.24198	0.810463	1.05558	1.05558	0.899876	1.02874	1.02874	0.184254	0.728274	-1.37311
cg17582679	CAPN6	0.0707478	0.392593	0.769218	-1.30002	0.461585	0.798885	-1.25174	0.98937	1.004	1.004	0.0536744	0.518719	-1.92783	0.00338033	0.302993	-3.30041
cg02747103	HCN2	0.0707483	0.507448	0.899399	-1.11185	0.0656687	0.722024	-1.385	0.132169	0.773984	-1.29202	0.26212	0.83163	-1.20246	0.887064	1.02266	1.02266
cg13474692	MGMT	0.070749	0.0444794	0.755064	-1.32439	0.0619905	0.774258	-1.29156	0.025074	0.722922	-1.38328	0.936263	0.99031	-1.00978	0.820355	1.02808	1.02808
cg18241780	TAOK3	0.0707504	0.56273	1.14143	1.14143	0.0341805	1.74837	1.74837	0.0533035	1.64258	1.64258	0.307216	1.26991	1.26991	0.512403	0.860542	-1.16206
cg25765819	ADAM32	0.0707523	0.00828842	0.33172	-3.01459	0.537508	1.22642	1.22642	0.206396	0.646821	-1.54602	0.181405	0.628884	-1.59012	0.310633	0.709672	-1.4091
cg01166488	LOC153328	0.0707523	0.00690193	0.476336	-2.09936	0.277148	1.27087	1.27087	0.0391806	0.602827	-1.65885	0.130561	0.70732	-1.41379	0.103611	0.685584	-1.45861
cg25932299	GYPA	0.0707523	0.80345	0.965436	-1.0358	0.285373	0.855116	-1.16943	0.659242	0.939323	-1.0646	0.114746	0.785101	-1.27372	0.0193655	0.671076	-1.49014
cg05503824	ATP13A5	0.0707529	0.0643875	1.60705	1.60705	0.0901989	0.652912	-1.5316	0.189448	0.72808	-1.37348	0.059083	0.614708	-1.62679	0.671301	1.10236	1.10236
cg06161235	GCC2;GCC2	0.0707532	0.282361	0.796283	-1.25584	0.446998	1.17122	1.17122	0.00579482	0.478523	-2.08977	0.282258	0.796241	-1.2559	0.506345	0.871539	-1.1474
cg25003275	AFAP1;AFAP1	0.0707535	0.385351	0.693543	-1.44187	0.112181	0.491066	-2.03639	0.0683232	2.31455	2.31455	0.406681	1.41768	1.41768	0.138211	0.51876	-1.92767
cg17305128	C12orf56;C12orf56	0.0707536	0.578543	0.898063	-1.11351	0.0947924	0.703435	-1.4216	0.112067	0.717843	-1.39306	0.250467	0.794468	-1.2587	0.0052697	0.494184	-2.02354
cg05412855	TAP1	0.0707548	0.430713	0.844985	-1.18345	0.157675	0.728768	-1.37218	0.00112977	0.366596	-2.7278	0.833039	0.956753	-1.0452	0.2131	0.759875	-1.31601
cg15884175	EFTUD2;EFTUD2	0.0707556	0.0143759	0.629799	-1.58781	0.510692	1.10764	1.10764	0.123531	1.29126	1.29126	0.263945	0.836584	-1.19534	0.227776	0.823662	-1.21409
cg07189381	TNNT1;TNNT1;TNNT1	0.070756	0.416836	0.592969	-1.68643	0.00991328	7.78234	7.78234	0.810508	0.859602	-1.16333	0.955633	0.965566	-1.03566	0.285147	0.496979	-2.01216

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24100214	0.321447	0.906897	-1.10266	0.309022	1.10566	1.10566	0.0567012	1.22849	1.22849	0.339554	1.09846	1.09846	2.9604	0.426757	0.128138	1
cg25846290	0.331401	1.19558	1.19558	0.0137788	1.72067	1.72067	0.369752	0.848578	-1.17844	0.107273	0.730987	-1.36801	2.9604	1.48976	0.447314	1
cg01910727	0.283707	0.69691	-1.43491	0.0732528	0.523279	-1.91102	0.535751	1.22546	1.22546	0.08589	0.540441	-1.85034	2.96037	4.92851	1.47985	1
cg11846581	0.0124667	0.500136	-1.99946	0.104827	0.673661	-1.48443	0.286662	1.27963	1.27963	0.128944	0.693742	-1.44146	2.96037	2.3286	0.699193	1
cg14101380	0.00243852	1.72886	1.72886	0.144004	1.22596	1.22596	0.582111	1.0748	1.0748	0.881905	0.980892	-1.01948	2.96033	0.789758	0.237138	1
cg11165912	0.027038	0.260458	-3.83938	0.647732	0.78945	-1.26671	0.0451859	3.25742	3.25742	0.154442	0.456873	-2.18879	2.96022	12.3823	3.71812	1
cg02700161	0.740318	1.06811	1.06811	0.00261555	2.28329	2.28329	0.247261	0.786904	-1.2708	0.28544	0.802699	-1.2458	2.9602	1.83976	0.552444	1
cg19642494	0.794614	1.16001	1.16001	0.375533	1.6777	1.6777	0.940677	1.04325	1.04325	0.758468	1.19181	1.19181	2.96018	15.1751	4.55679	1
cg08146034	0.248152	0.897121	-1.11468	0.497975	0.940008	-1.06382	0.228119	1.12048	1.12048	0.274865	1.10756	1.10756	2.96018	0.37911	0.11384	1
cg00723271	0.00396042	4.05586	4.05586	0.510663	1.27263	1.27263	0.405527	0.735288	-1.36001	0.72025	0.878151	-1.13876	2.9601	6.12065	1.83797	1
cg14893163	0.12353	1.1293	1.1293	0.242186	0.914644	-1.09332	0.0369167	1.19321	1.19321	0.00383586	1.32853	1.32853	2.9601	0.249074	0.0747945	1
cg16370875	0.856531	0.937319	-1.06687	0.00729776	0.290101	-3.44708	0.771335	0.901013	-1.10986	0.707968	1.14407	1.14407	2.96009	5.99799	1.80114	1
cg01531431	0.372257	1.24326	1.24326	0.0277808	1.85557	1.85557	0.00837112	2.22721	2.22721	0.117079	1.49878	1.49878	2.96008	2.64865	0.795368	1
cg16385415	?	?	?	0.600218	0.647199	-1.54512	0.652576	0.688761	-1.45188	0.617114	1.51395	1.51395	2.99867	28.5786	9.53042	1
cg00446003	0.257659	1.69381	1.69381	0.0456844	2.77905	2.77905	0.138099	2.0387	2.0387	0.703183	1.18624	1.18624	2.96008	9.33041	2.80185	1
cg08605458	0.049266	0.275295	-3.63246	0.0394936	0.254403	-3.93078	0.0551565	0.286619	-3.48895	0.0507086	0.278145	-3.59524	2.96002	15.487	4.65072	1
cg04748923	0.317641	3.0692	3.0692	?	?	?	0.038017	15.2904	15.2904	0.0233682	22.3926	22.3926	3.57976	48.3264	11.5714	1
cg26270832	0.803203	0.94372	-1.05964	0.327842	1.26403	1.26403	0.57117	0.875668	-1.14198	0.261234	0.762001	-1.31233	2.96	2.52293	0.757637	1
cg10983617	0.121549	0.768226	-1.3017	0.553069	0.910047	-1.09884	0.197903	1.23835	1.23835	0.554315	1.09851	1.09851	2.95999	1.15679	0.347386	1
cg10268811	0.726661	0.893871	-1.11873	0.318481	1.39043	1.39043	0.303218	1.40623	1.40623	0.140721	0.602568	-1.65956	2.99857	4.31412	1.43873	1
cg15749148	0.74105	1.06367	1.06367	0.00192795	0.441784	-2.26355	0.175828	0.764986	-1.30721	0.912955	1.02056	1.02056	2.95996	1.62393	0.487674	1
cg11964938	0.0234378	1.74049	1.74049	0.461065	1.16602	1.16602	0.185008	1.3334	1.3334	0.235633	1.28969	1.28969	2.95995	1.96406	0.589819	1
cg04255044	0.475686	0.67478	-1.48196	0.0155371	0.199977	-5.00056	0.118636	0.399022	-2.50613	0.443458	0.654577	-1.5277	2.95995	13.7892	4.14096	1
cg09623986	0.861226	1.03012	1.03012	0.0163588	1.64492	1.64492	0.432559	0.872999	-1.14548	0.391174	0.861579	-1.16066	2.95993	1.3481	0.404844	1
cg12003990	0.0463542	1.83316	1.83316	0.657322	0.888193	-1.12588	0.058764	1.76283	1.76283	0.336347	0.768544	-1.30116	2.95989	3.30612	0.992863	1
cg04394362	0.283673	1.12306	1.12306	0.641162	0.952269	-1.05012	0.119386	1.19254	1.19254	0.342584	0.903136	-1.10725	2.95988	0.508921	0.152835	1
cg10036727	0.978	0.993225	-1.00682	0.436803	1.21599	1.21599	0.757862	0.9266	-1.07921	0.645837	0.892192	-1.12083	2.95987	2.84895	0.855579	1
cg06529843	0.732599	1.10994	1.10994	0.301509	0.722114	-1.38482	0.56308	1.1946	1.1946	0.667016	0.876651	-1.14071	2.95986	4.33626	1.30224	1
cg09314421	0.619906	0.800324	-1.24949	0.0656234	0.398352	-2.51034	0.158825	0.511231	-1.95606	0.0229907	0.297746	-3.35856	2.95984	9.30336	2.79395	1
cg09670925	0.133912	0.312639	-3.19858	0.00965362	0.0948189	-10.5464	0.176868	0.35611	-2.80812	0.149476	0.329015	-3.03937	2.95984	24.2524	7.28342	1
cg09481304	0.0312362	1.61933	1.61933	0.86388	1.03326	1.03326	0.0124693	1.80917	1.80917	0.133748	1.36127	1.36127	2.95981	1.70474	0.511966	1
cg14862395	0.0484624	5.52925	5.52925	0.0252779	7.52043	7.52043	0.0120035	10.7707	10.7707	0.0642891	4.83975	4.83975	2.95979	26.9706	8.09983	1
cg03345059	0.867231	1.03505	1.03505	0.122079	1.412	1.412	0.439604	1.17619	1.17619	0.98443	0.995991	-1.00403	2.95974	1.98691	0.596724	1
cg03663874	0.171409	1.3284	1.3284	0.157728	1.34257	1.34257	0.287729	1.24018	1.24018	0.78078	0.947045	-1.05592	2.95972	1.78277	0.535416	1
cg16512570	0.621099	1.81562	1.81562	0.00746394	61.7796	61.7796	0.999552	1.00067	1.00067	0.0123798	41.5559	41.5559	2.95972	67.167	20.1722	1
cg10468737	0.253218	1.70234	1.70234	0.241164	1.72807	1.72807	0.762214	1.14487	1.14487	0.00770439	0.217318	-4.60155	2.95966	9.31658	2.7981	1
cg06332964	0.182101	0.331372	-3.01775	0.0587505	0.189192	-5.28564	0.00929162	0.0762414	-13.1162	0.07256	0.209612	-4.77073	2.95964	28.5107	8.56279	1
cg27640254	0.0771379	0.172208	-5.80693	0.0077113	0.0467014	-21.4126	0.24212	0.334278	-2.99152	0.100177	0.199444	-5.01393	2.95963	37.5529	11.2785	1
cg06005892	0.592078	0.802135	-1.24667	0.776276	0.890354	-1.12315	0.651602	1.20356	1.20356	0.0767436	0.448253	-2.23088	2.95963	7.78842	2.33916	1
cg27261219	0.052489	1.81917	1.81917	0.0160783	2.22437	2.22437	0.0493313	1.83829	1.83829	0.247153	1.38874	1.38874	2.95956	3.45219	1.03685	1
cg13687114	0.487698	1.11995	1.11995	0.0611424	1.4036	1.4036	0.0593993	0.710401	-1.40766	0.959283	0.991831	-1.00824	2.95951	1.21007	0.363443	1
cg08511485	0.0834215	1.87403	1.87403	0.306386	0.706741	-1.41495	0.184075	1.58701	1.58701	0.57776	1.20239	1.20239	2.95951	5.03545	1.5124	1
cg03744975	0.0624967	0.54832	-1.82375	0.00586576	0.355714	-2.81124	0.29172	0.730834	-1.3683	0.495885	0.820218	-1.21919	2.95949	3.85067	1.15656	1
cg06452779	0.207586	0.674296	-1.48303	0.165888	0.645199	-1.54991	0.0276822	0.462112	-2.16398	0.110894	0.597446	-1.67379	2.95948	4.12216	1.2381	1
cg15225105	0.911652	0.978851	-1.02161	0.0860005	1.44106	1.44106	0.330721	1.21323	1.21323	0.230752	1.27395	1.27395	2.95946	1.73846	0.522154	1
cg06835483	0.38675	0.648535	-1.54194	0.0293631	0.285786	-3.49912	0.0102837	0.206302	-4.84726	0.164698	0.485053	-2.06163	2.95945	11.1659	3.35373	1
cg27081230	0.0280055	0.339445	-2.94599	0.0270813	0.336492	-2.97184	0.1247	0.500649	-1.99741	0.0359685	0.362228	-2.76069	2.95943	8.12027	2.43899	1
cg26330987	0.00641989	0.389551	-2.56706	0.774391	1.07941	1.07941	0.508291	1.19536	1.19536	0.659025	1.12533	1.12533	2.95942	3.31406	0.995406	1
cg00819163	0.411587	1.14306	1.14306	0.0164868	1.59455	1.59455	0.0300534	1.50134	1.50134	0.402086	1.14633	1.14633	2.95941	1.18869	0.357034	1
cg17756143	0.0213843	0.402961	-2.48163	0.182007	0.627734	-1.59303	0.461598	1.27936	1.27936	0.12644	0.580737	-1.72195	2.9594	5.0643	1.52112	1
cg01790144	0.0445324	0.430751	-2.32153	0.0446609	0.431033	-2.32001	0.768685	0.897928	-1.11368	0.297379	0.674083	-1.4835	2.95939	6.24695	1.87635	1
cg10455676	0.0206942	0.721935	-1.38517	0.0433427	0.762019	-1.3123	0.104257	0.812437	-1.23087	0.0447454	1.30927	1.30927	2.95935	0.641129	0.192574	1
cg21174565	0.0221316	0.214623	-4.65933	0.0785785	0.334246	-2.99181	0.0223261	0.215287	-4.64496	0.331085	0.569775	-1.75508	2.95935	14.7467	4.42942	1
cg09962807	0.494558	0.907953	-1.10138	0.231748	1.19078	1.19078	0.766728	1.04228	1.04228	0.00789251	0.622258	-1.60705	2.95933	0.908308	0.272827	1
cg16972240	0.963248	1.00911	1.00911	?	?	?	0.511267	1.14011	1.14011	0.456481	0.861351	-1.16097	2.99789	1.63466	0.545271	1
cg05784532	0.0862535	0.495858	-2.01671	0.0826972	0.49104	-2.03649	0.555482	1.24695	1.24695	0.987819	0.994366	-1.00567	2.95932	6.41969	1.92828	1
cg13374648	0.247028	0.698096	-1.43247	0.589605	0.850701	-1.1755	0.00221231	0.27988	-3.57296	0.654497	1.14311	1.14311	2.9593	4.13202	1.24114	1
cg27365499	0.69392	1.30157	1.30157	0.344707	1.91281	1.91281	0.127918	2.99456	2.99456	0.475737	1.62139	1.62139	2.95928	20.8134	6.25178	1
cg04525892	0.777111	0.921866	-1.08476	0.419014	1.26706	1.26706	0.0152281	0.425544	-2.34993	0.437994	0.797099	-1.25455	2.95928	3.85116	1.15678	1
cg27370558	0.0454772	0.392755	-2.54612	0.178978	1.78897	1.78897	0.73409	0.870307	-1.14902	0.718871	1.15867	1.15867	2.95928	7.77932	2.3367	1
cg17802144	0.59522	1.26591	1.26591	0.122919	0.479529	-2.08538	0.741083	1.15697	1.15697	0.920162	0.956873	-1.04507	2.95927	9.06258	2.72217	1
cg04931453	0.841335	1.02974	1.02974	0.333473	0.864274	-1.15704	0.500236	0.90479	-1.10523	0.673021	1.06403	1.06403	2.95927	1.00203	0.300985	1
cg11835197	0.115565	0.501169	-1.99533	0.0295884	0.355457	-2.81328	0.00972218	0.266942	-3.74613	0.298489	0.647147	-1.54524	2.95925	7.64277	2.29571	1
cg20329220	0.584428	1.20133	1.20133	0.100017	1.81947	1.81947	0.229856	0.658091	-1.51955	0.76522	1.10458	1.10458	2.95924	5.16944	1.55278	1
cg21124552	0.68808	1.27195	1.27195	0.437603	1.61047	1.61047	0.475935	1.54548	1.54548	0.794459	1.16802	1.16802	4.12641	14.1084	2.84921	1
cg25378769	0.349371	1.19118	1.19118	0.00732362	0.53372	-1.87364	0.895809	1.02408	1.02408	0.0930602	1.3987	1.3987	2.95922	1.54567	0.464288	1
cg16143049	0.624935	0.89405	-1.11851	0.148448	1.42237	1.42237	0.130238	1.44991	1.44991	0.398946	0.82177	-1.21688	2.95916	2.42152	0.72739	1
cg13163919	0.504222	0.745622	-1.34116	0.00389531	0.185749	-5.38362	0.17289	0.533536	-1.87429	0.11298	0.473709	-2.111	2.95914	8.79173	2.64093	1
cg14107807	0.00463105	0.591918	-1.68942	0.107845	0.783298	-1.27665	0.133122	1.25301	1.25301	0.747341	0.956004	-1.04602	2.95907	0.908113	0.272793	1
cg27339840	0.977258	1.00417	1.00417	0.619416	0.929446	-1.07591	0.781302	1.04151	1.04151	0.583969	1.08416	1.08416	2.95903	1.00072	0.300616	1
cg07539450	0.642905	1.04658	1.04658	0.549865	0.94271	-1.06077	0.033664	1.27369	1.27369	0.0036774	1.46653	1.46653	2.95898	0.445609	0.133863	1
cg24391989	0.10299	0.401955	-2.48784	0.0709821	0.356758	-2.80302	0.159989	0.464359	-2.15351	0.438172	0.667599	-1.49791	2.95897	12.2351	3.67548	1
cg14415066	0.713699	1.11494	1.11494	0.0887782	0.574503	-1.74063	0.123529	0.611079	-1.63645	0.522199	0.825717	-1.21107	2.95892	4.08497	1.22717	1
cg01678878	0.166262	0.576284	-1.73525	0.0283316	0.380413	-2.62872	0.0213088	0.355846	-2.81021	0.208305	0.609388	-1.64099	2.9589	6.53306	1.96261	1
cg12367389	0.00599413	0.492863	-2.02896	0.252216	0.790084	-1.26569	0.598773	1.11026	1.11026	0.502043	0.874405	-1.14363	2.9589	1.81857	0.54632	1
cg00907267	0.416689	0.742385	-1.34701	0.257904	1.52758	1.52758	0.0074889	3.43999	3.43999	0.391333	1.37052	1.37052	2.9589	6.03548	1.81313	1
cg06451030	0.0856171	1.36664	1.36664	0.0566483	1.42574	1.42574	0.165006	1.27569	1.27569	0.916386	1.01741	1.01741	2.95887	1.2665	0.380475	1
cg06837568	0.18598	3.47305	3.47305	0.00520704	26.405	26.405	0.040639	8.156	8.156	0.800143	0.79833	-1.25261	2.95885	36.9418	11.098	1
cg27049076	0.630216	0.787392	-1.27001	0.232878	1.85227	1.85227	0.0643049	2.78518	2.78518	0.566536	1.33041	1.33041	2.95885	11.3787	3.41835	1
cg23513318	0.365273	1.42204	1.42204	0.967775	0.984826	-1.01541	0.0344375	2.54377	2.54377	0.445568	0.745044	-1.3422	2.9974	6.04492	2.01672	1
cg14338551	0.102381	0.755676	-1.32332	0.22068	0.817264	-1.22359	0.610073	0.922556	-1.08395	0.257604	0.830976	-1.2034	2.95884	1.15104	0.345794	1
cg04058799	0.405359	1.21757	1.21757	0.60566	1.12798	1.12798	0.107652	1.50077	1.50077	0.600868	0.885097	-1.12982	2.95878	2.50556	0.75273	1
cg23335124	0.104245	1.45768	1.45768	0.496002	0.86358	-1.15797	0.73107	0.92941	-1.07595	0.210448	0.755782	-1.32313	2.95878	2.10965	0.63379	1
cg04274487	0.108996	0.826659	-1.20969	0.322442	0.894653	-1.11775	0.163209	1.17597	1.17597	0.0232085	1.34385	1.34385	2.95878	0.555854	0.166992	1
cg20360273	0.411189	0.884735	-1.13028	0.606367	0.92705	-1.07869	0.412973	0.885166	-1.12973	0.603859	0.926552	-1.07927	2.95877	0.995279	0.299007	1
cg12212060	0.423088	0.70284	-1.4228	0.0265502	0.322038	-3.10523	0.01275	0.263513	-3.79488	0.185891	0.546366	-1.83027	2.95873	8.70338	2.61475	1
ch.1.4297470F	0.0351605	0.375618	-2.66228	0.266262	0.629877	-1.58761	0.86757	0.935575	-1.06886	0.329139	0.669056	-1.49464	2.95873	7.46158	2.24168	1
cg26610808	0.286927	0.625455	-1.59884	0.027381	0.330348	-3.02711	0.239183	1.68728	1.68728	0.840699	1.08916	1.08916	2.95868	8.43962	2.53555	1
cg15979171	0.757982	1.25795	1.25795	0.100203	0.262562	-3.80863	0.0584389	4.89194	4.89194	0.982342	0.983701	-1.01657	2.95865	25.8326	7.76108	1
cg20540608	0.902844	0.981301	-1.01906	0.0383831	0.690135	-1.44899	0.116754	1.30138	1.30138	0.408729	0.877561	-1.13952	2.95865	1.11959	0.336367	1
cg09706277	0.935885	0.969155	-1.03183	0.410726	1.38761	1.38761	0.00352701	4.66705	4.66705	0.421254	1.37706	1.37706	2.95864	7.10616	2.13496	1
cg00599410	0.0617611	0.635163	-1.5744	0.0454191	0.609535	-1.6406	0.0435075	0.606034	-1.65007	0.42566	0.839036	-1.19184	2.95861	2.18089	0.65523	1
cg17737141	0.0222164	0.724772	-1.37974	0.030007	0.740988	-1.34955	0.290128	0.879034	-1.13761	0.265434	0.872591	-1.14601	2.9586	0.646218	0.194151	1
cg01482958	0.0324658	0.521559	-1.91733	0.361855	0.783725	-1.27596	0.0458198	0.551437	-1.81344	0.966672	0.989195	-1.01092	2.9586	3.16776	0.95173	1
cg16103959	0.119463	6.55956	6.55956	0.724492	0.674381	-1.48284	0.0457949	12.7933	12.7933	0.0637933	10.1724	10.1724	2.95858	58.0721	17.4475	1
cg17385679	0.993857	0.998668	-1.00133	0.732393	1.06123	1.06123	0.988222	0.997447	-1.00256	0.228262	1.24479	1.24479	2.95858	1.40487	0.422085	1
cg26595520	0.174493	0.806504	-1.23992	0.0270196	0.677189	-1.47669	0.437549	0.888782	-1.12514	0.079005	1.33692	1.33692	2.95855	1.03864	0.312056	1
cg25829945	0.187704	0.630667	-1.58562	0.0655238	0.505358	-1.9788	0.0783149	0.52426	-1.90745	0.84424	0.937115	-1.0671	2.95851	5.10819	1.53476	1
cg12648759	0.243222	0.832734	-1.20086	0.0651556	1.36392	1.36392	0.547821	1.09545	1.09545	0.149284	0.793113	-1.26085	2.9585	1.0528	0.316315	1
cg23399286	0.496085	1.24763	1.24763	0.236324	0.672172	-1.48771	0.699253	0.883137	-1.13233	0.966998	0.986843	-1.01333	2.95849	4.80189	1.44274	1
cg25619607	0.149732	0.791183	-1.26393	0.0348072	0.688591	-1.45224	0.978482	0.995918	-1.0041	0.152747	1.26145	1.26145	2.95846	1.07773	0.323812	1
cg12564175	0.163447	0.442832	-2.25819	0.0231762	0.226133	-4.42218	0.0416182	0.276239	-3.62005	0.456601	0.660187	-1.51472	2.95845	14.0541	4.22265	1
cg26827058	0.927137	1.00954	1.00954	0.00635419	0.691541	-1.44605	0.0748582	1.22875	1.22875	0.387567	1.09631	1.09631	2.95845	0.505108	0.151764	1
cg09110655	0.620737	0.876046	-1.14149	0.00574222	0.382654	-2.61333	0.891883	1.03674	1.03674	0.0638381	1.73799	1.73799	2.95843	3.2984	0.991035	1
cg17012202	0.501083	1.13463	1.13463	0.0128577	0.564742	-1.77072	0.231203	1.26149	1.26149	0.72942	1.06633	1.06633	2.95841	1.60301	0.481644	1
cg19571127	?	?	?	0.212816	0.640285	-1.5618	0.372976	0.73378	-1.36281	0.00999873	0.320352	-3.12157	3.21604	5.03636	1.37026	1
cg18346182	0.746828	1.0492	1.0492	0.0197028	0.658572	-1.51844	0.728007	0.949546	-1.05313	0.561169	1.09103	1.09103	2.95835	1.03019	0.309538	1
cg04415168	0.648041	0.829808	-1.2051	0.177119	1.79018	1.79018	0.0069257	4.13122	4.13122	0.181199	1.77929	1.77929	2.95833	7.72019	2.31968	1
cg17897694	0.0147543	0.200523	-4.98697	0.373438	1.57825	1.57825	0.0687861	0.349712	-2.8595	0.273747	1.7712	1.7712	3.57733	10.2722	2.46127	1
cg11617357	0.847703	0.97786	-1.02264	0.801353	0.971071	-1.02979	0.942927	1.00837	1.00837	0.0337244	1.33477	1.33477	2.95832	0.635293	0.190887	1
cg24325883	0.975259	0.99734	-1.00267	0.0290748	1.24722	1.24722	0.370423	1.08219	1.08219	0.485004	1.06283	1.06283	2.95831	0.345575	0.103835	1
cg26891576	0.159853	0.798472	-1.25239	0.826594	0.967657	-1.03342	0.743717	0.952028	-1.05039	0.198178	1.22605	1.22605	2.95829	1.05211	0.316133	1
cg26536354	0.550736	0.841798	-1.18793	0.0822612	0.577421	-1.73184	0.0532791	0.534528	-1.87081	0.158187	0.65025	-1.53787	2.95829	3.81315	1.14575	1
cg05842391	0.0299608	1.39826	1.39826	0.137654	1.23353	1.23353	0.363052	1.13056	1.13056	0.025829	1.4154	1.4154	2.95828	0.80742	0.24261	1
cg15607672	0.588521	0.701334	-1.42585	0.0359383	0.204942	-4.87943	0.452646	1.64372	1.64372	0.116928	0.330775	-3.0232	2.95827	19.7672	5.93955	1
cg23460578	0.0668348	6.43881	6.43881	0.0108003	18.215	18.215	0.660421	1.49289	1.49289	0.324344	2.51567	2.51567	2.95827	38.4909	11.5656	1
cg14443925	0.185934	0.70348	-1.4215	0.664884	0.896459	-1.1155	0.605318	1.13967	1.13967	0.916747	0.974118	-1.02657	2.95824	2.9468	0.885449	1
cg17596905	0.565747	1.15026	1.15026	0.0312117	1.83963	1.83963	0.890241	0.967256	-1.03385	0.173509	1.41789	1.41789	2.95817	2.72379	0.818459	1
cg24156854	0.047509	3.69253	3.69253	0.0596622	3.40343	3.40343	0.0544514	3.51665	3.51665	0.0738109	3.1532	3.1532	2.95817	15.5592	4.67533	1
cg12959622	0.890355	0.985616	-1.01459	0.43697	0.919856	-1.08713	0.146222	1.18013	1.18013	0.0646039	1.24861	1.24861	3.17835	0.54359	0.133022	1
cg26809372	0.219905	0.627662	-1.59321	0.33711	0.699546	-1.4295	0.634173	1.18897	1.18897	0.158881	0.580597	-1.72236	2.95816	6.10778	1.83531	1
cg01558721	0.489382	1.17128	1.17128	0.00164771	2.75749	2.75749	0.59733	1.12751	1.12751	0.834055	1.04836	1.04836	2.95815	2.37446	0.713497	1
cg17582679	0.944298	1.02115	1.02115	0.413015	0.778237	-1.28495	0.374518	0.761039	-1.31399	0.0247467	0.448941	-2.22746	2.95815	4.20481	1.2635	1
cg02747103	0.151724	1.274	1.274	0.0247813	1.52404	1.52404	0.184377	1.24858	1.24858	0.150441	0.784251	-1.2751	2.95814	1.16473	0.34999	1
cg13474692	0.738838	0.960084	-1.04158	0.0163771	0.699619	-1.42935	0.232068	1.16484	1.16484	0.701203	0.954148	-1.04806	2.95813	0.694409	0.208663	1
cg18241780	0.9209	1.02271	1.02271	0.255485	1.30782	1.30782	0.00386969	2.41	2.41	0.594726	1.12906	1.12906	2.95811	2.39409	0.719408	1
cg25765819	0.442619	1.29165	1.29165	0.684042	1.14311	1.14311	0.827119	0.930993	-1.07412	0.0143409	0.372716	-2.68301	2.95807	5.00682	1.50453	1
cg01166488	0.236221	0.768568	-1.30112	0.0864236	0.669181	-1.49436	0.418345	0.839135	-1.1917	0.220047	0.76073	-1.31453	2.95807	2.10713	0.633184	1
cg25932299	0.0621932	0.743678	-1.34467	0.0214958	1.47635	1.47635	0.549848	0.918195	-1.08909	0.766385	0.958843	-1.04292	2.95807	0.932162	0.280111	1
cg05503824	0.141281	1.43502	1.43502	0.0464679	1.68314	1.68314	0.688223	0.912021	-1.09647	0.671368	0.907163	-1.10234	2.95806	2.44195	0.733799	1
cg06161235	0.803451	0.95042	-1.05217	0.0331764	1.66157	1.66157	0.414626	0.843624	-1.18536	0.967953	0.991841	-1.00823	2.95806	1.94813	0.585407	1
cg25003275	0.958705	1.02152	1.02152	0.0231106	0.327302	-3.05528	0.0310153	0.353058	-2.8324	0.668166	0.837514	-1.19401	2.95805	7.92085	2.3802	1
cg17305128	0.814789	0.956036	-1.04599	0.166277	0.753663	-1.32685	0.0140629	0.559434	-1.78752	0.143583	0.740002	-1.35135	2.95805	1.71977	0.516789	1
cg05412855	0.804292	0.949333	-1.05337	0.469071	0.857047	-1.1668	0.550447	0.881159	-1.13487	0.669938	0.91412	-1.09395	2.95803	2.05475	0.617454	1
cg15884175	0.857032	0.972746	-1.02802	0.0245151	1.50761	1.50761	0.843	0.970072	-1.03085	0.899964	0.980914	-1.01946	2.95802	1.09995	0.330537	1
cg07189381	0.626205	0.734067	-1.36227	0.208406	0.433754	-2.30546	0.026284	5.25866	5.25866	0.243728	2.15585	2.15585	2.95801	18.5834	5.58435	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg14756913	PEG10,PEG10	0.0770571	0.288703	1.09725	1.19725	0.0168912	1.6153	1.6153	0.134114	0.767921	1.30222	0.357754	0.856766	-1.16718	0.0128709	1.65671	1.65671		0.283754	1.20363	1.20363	0.444156	0.136	1.136	0.484669	1.12308	1.12308	0.882272	0.976069	1.25169	0.376139	1
cg27380648	KPNIP2;KPNIP2	0.0770587	0.0539873	0.277873	-3.59877	0.282113	0.519774	-1.92391	0.120616	0.373235	-2.67928	0.234	0.481709	-2.07594	0.0129877	0.164524	6.07813		0.40537	0.607509	-1.64607	0.0337089	0.234116	-4.27138	0.131224	2.596	2.596	0.288574	0.524076	-1.90594	2.95796	16.0563	4.82502	1
cg23727813	C12orf53	0.070761	0.107469	0.557495	-1.79374	0.0236232	0.407051	-2.45669	0.557425	0.820913	-1.21816	0.197178	0.635438	-1.57372	0.0114238	0.348043	-2.8658		0.117552	0.568157	-1.76008	0.0205651	0.3954	-2.52908	0.0676399	0.506162	-1.97565	0.156168	0.603771	-1.65626	2.95793	5.18215	1.55729	1
cg23737486	MFAP3L;MFAP3L	0.0770614	0.544183	1.13442	1.13442	0.304729	1.60539	1.60539	0.88965	1.06378	1.06378	0.653302	1.57332	2.53732	0.70184	1.18687	1.18687		0.394993	1.47403	1.47403	0.00323958	5.9802	5.9802	0.0159078	2.9655	2.9655	0.0766173	2.40407	2.40407	2.57992	9.29237	2.79247	1
cg06031317	MSX2	0.0770634	0.118426	0.303531	-3.29456	0.00414319	0.0669669	-34.9327	0.403081	0.547806	-1.82546	0.607078	0.694307	-1.44028	0.29367	2.15145	2.15145		0.0998682	3.5547	3.5547	0.94405	0.951833	-1.0506	0.4102393	0.55309	-1.80803	0.507847	0.62343	-1.60403	2.95789	23.1752	6.96449	1
cg01189868	YPEL2	0.0770637	0.814017	0.891495	-1.12171	0.38828	0.649888	-1.53873	0.826283	0.898411	-1.11308	0.041392	1.34719	3.14719	0.188102	0.550735	-1.97342		0.513595	1.3811	1.3811	0.893222	1.06764	1.06764	0.00629029	5.667	5.667	0.123255	2.25634	2.25634	0.25788	11.1279	3.34409	1
cg03132732	BZW1;BZW1L1	0.0770639	0.200441	0.394042	-2.5378	0.546104	0.656608	-1.52298	0.265367	0.449637	-2.22402	0.0943961	0.281902	-3.54733	0.0112039	0.112072	-8.92282		0.0410567	0.197221	-5.07046	0.00979088	0.105496	-9.47904	0.548598	0.658365	-1.51891	0.0868328	0.271897	-3.67786	2.95788	22.2157	6.67616	1
cg23448139	ZFP112;ZFP112	0.0770643	0.6099021	1.07652	1.07652	0.20891	1.03515	1.03515	0.428899	0.807437	-1.13265	0.0475359	1.3837	1.3837	0.0919499	0.76761	-1.30274		0.189663	1.22014	1.22014	0.307702	0.85959	-1.16334	0.6302353	1.07197	1.07197	0.00943751	1.60229	1.60229	0.97587	0.9618863	0.289056	1
cg03012544	NEFM;NEFM	0.0770645	0.155195	0.603306	-1.65836	0.24371	1.50022	1.50022	0.943389	0.976579	-1.02398	0.0237768	2.46391	6.46391	0.943936	1.02136	1.02136		0.734358	1.11992	1.11992	0.573952	0.62202	-1.60766	0.0141548	2.73658	2.73658	0.0141477	0.756313	1.32222	2.57887	5.18828	1.55676	1
cg18980657	HDAC5	0.0770646	0.00782449	0.101896	-9.81393	0.671005	1.33091	1.33091	0.176789	2.61327	2.61327	0.0391922	4.93603	4.93603	0.495064	0.629067	-1.58966		0.157665	0.363721	-2.74936	0.958127	1.03575	1.03575	0.572432	0.682753	-1.46466	0.94012	1.05155	1.05155	2.95786	20.9693	6.30163	1
cg03364108	C22orf45;C22orf45;UPB1	0.070766	0.108228	0.79924	5.89961	0.702784	1.46524	1.46524	0.81974	0.691922	1.44594	0.674624	1.54054	1.54054	0.0132464	12.7583	12.7583		0.325964	0.35434	-2.82305	0.0173983	7.67445	7.67445	0.0446819	10.5801	10.5801	0.025784	49.0899	49.0899	3.14745	1
cg08670658	ADI08K1	0.0770673	0.916214	0.970713	-1.03007	0.588072	1.82733	1.82733	0.605347	1.15863	1.15863	0.181546	0.669917	-1.49272	0.263699	1.30618	1.06018		0.575451	1.1733	1.1733	0.409542	1.22601	1.26901	0.275696	0.725932	-1.37754	0.00526923	0.353757	2.8268	2.57882	3.73755	1.12321	1
cg12977138	VPS26B;VPS26B;NCAPD3	0.0770688	0.509443	1.10284	1.10284	0.580841	1.085	1.085	0.0562844	1.37188	1.37188	0.437513	0.8906521	-1.12283	0.703137	1.0576	1.0576		0.375693	0.875478	-1.14223	0.00375423	0.5636216	-1.77422	0.492713	0.9031511	-1.10728	0.8146912	0.96624	-1.03404	2.95779	1.02031	0.301218	1
cg08278554	C15orf48;C15orf48;C15orf48	0.0770701	0.0473452	9.9871	9.9871	0.0208234	16.8028	16.8028	0.0855671	4.46289	4.46289	0.144876	4.85052	4.85052	0.0500804	9.64005	9.64005		0.443499	2.02873	2.02873	0.0292214	13.5428	13.5428	0.0242711	15.2372	15.2372	0.0572007	8.86566	8.86566	2.95777	48.1001	14.4824	1
cg20128181	C6orf217;AHI1;AHI1;AHI1	0.0770711	0.531265	1.07674	1.07674	0.00687934	0.66499	-1.50378	0.337804	0.891178	-1.12211	0.540115	1.07499	1.07499	0.0457327	1.05337	1.05338		0.0227396	0.727687	-1.37422	0.469486	1.08959	1.08959	0.287754	0.879757	-1.13668	0.173367	0.8448588	-1.18401	2.95776	0.6368613	0.19138	1
cg10964388	NTN4	0.0770718	0.0371156	0.183207	-5.45829	0.112863	0.290547	-3.38355	0.540015	0.647238	-1.54538	0.110251	0.285674	-3.50048	0.049167	2.03099	2.03099		0.0993145	0.28106	-3.5493	0.0506334	0.2097749	-4.76763	0.0132609	0.116216	-8.60465	0.0335377	0.175278	5.70252	2.72853	0.2185	0.59278	1
cg03801183	GIMAP7	0.0770726	0.241833	0.589172	-1.6973	0.187224	0.546812	-1.82878	0.0802019	0.432498	-2.31215	0.896599	0.945399	-1.05775	0.526395	1.31945	1.31945		0.493175	0.740421	-1.35058	0.519598	0.754343	-1.32566	0.428402	1.41785	1.41785	0.00252634	0.163557	-6.11408	2.95773	8.73591	2.62541	1
cg06157435	CALCOCO1;CALCOCO1;CALCOCO1	0.0770737	0.00688321	0.457163	-2.18731	0.0797348	0.647175	-1.54518	0.2936631	0.788669	-1.27605	0.303847	0.787964	-1.26909	0.0328603	0.572048	-1.7481		0.515218	0.862727	-1.15911	0.16368	1.3946	1.3946	0.028186	1.02038	1.02038	0.131328	0.791829	-1.2629	2.95771	2.34564	0.704942	1
cg17315383	CD22	0.0770756	0.0621785	2.29016	2.29016	0.464594	1.39816	1.39816	0.402459	0.713082	-1.40236	0.166127	0.583547	-1.7191	0.313343	0.6262622	-1.59591		0.2010131	1.10734	1.10734	0.0322818	0.371791	-2.68968	0.044963	2.47961	2.47961	0.343629	1.0283	1.0283	2.95768	7.29594	2.19269	1
cg11443159	RGQ;ZNF576;ZNF576	0.0770774	0.857419	1.04895	1.04895	0.141168	0.656682	-1.52281	0.581224	0.862382	-1.15958	0.2091	1.4217	1.4217	0.6690096	0.892029	-1.12104		0.530844	1.18378	1.18378	0.00325079	0.344204	-2.90525	0.3795	0.786952	-1.27073	0.1006605	0.620043	-1.61279	2.95765	3.30824	0.994254	1
cg15640707	CETN3	0.0770783	0.698192	0.90356	-1.10634	0.0134736	0.445258	-2.2576	0.488502	0.832068	-1.20182	0.4503	0.2010387	1.2016	0.666089	0.8939596	-1.11907		0.0810313	1.6508	1.6508	0.894252	1.01506	1.01506	0.0328878	1.90907	1.90907	0.252989	1.36257	1.36257	2.95763	3.14508	0.945222	1
cg02283042	CDH13	0.0770797	0.0860593	0.420495	-2.37815	0.311001	0.619553	-1.61407	0.244563	0.537498	-1.74368	0.221446	0.555992	-1.79859	0.00548798	0.188689	-5.29973		0.0250804	0.296007	-3.3775	0.0844762	0.4182656	-2.39083	0.126108	0.851604	-1.17425	0.0452988	0.350346	-2.85432	2.95761	9.77155	2.93677	1
cg26957150	GRB10	0.0770805	0.795758	1.04376	1.08576	0.3527005	1.24721	1.24721	0.313027	0.74835	-1.33635	0.1525825	1.424439	1.424439	0.0205667	0.524935	-1.90507		0.49724	1.17261	1.17261	0.0732913	0.6522293	-1.53305	0.0419715	1.6899	1.6899	0.0423399	1.12114	1.12114	2.95762	2.50027	0.751442	1
cg26385743	IMP4	0.0770805	0.0178155	0.208534	-4.79537	0.579589	0.737471	-1.35599	0.198591	0.624797	-1.60052	0.501088	0.689615	-1.45008	0.0100972	0.170945	-5.84984		0.1368883	0.418104	-2.39175	0.0161985	0.201777	-4.95596	0.291739	0.551374	-1.81365	0.0899007	0.361561	-2.76578	2.9576	13.8727	4.16937	1
cg22236143	TNR	0.0770811	0.383847	0.353687	-1.17139	0.112875	0.736597	-1.3576	0.0271764	0.629272	-1.58914	0.174941	0.774463	-1.29122	0.0552398	0.648893	-1.54098		0.0282838	0.632063	-1.58212	0.0934514	1.38661	1.38661	0.190404	0.762192	-1.27846	0.208245	0.790538	-1.26496	2.95759	1.47011	0.441835	1
cg16586105	DOCK11	0.0770816	0.2027	0.512127	-1.95229	0.134926	1.2795	1.2795	0.0779555	2.44855	2.44855	0.0347828	3.40193	3.40193	0.331242	1.40953	1.40953		0.0225848	0.645059	-1.55046	0.122307	0.7484824	-1.33618	0.930881	0.9577752	-1.04411	0.8807778	0.928042	1.07754	2.95758	11.5975	3.48558	1
cg20921874	ZNF700	0.0770821	0.617623	1.11008	1.11008	0.545085	1.13551	1.13551	0.776658	0.942694	-1.06079	0.277672	0.7911565	-1.26396	0.0191351	0.55526	-1.80096		0.0329011	1.67825	1.67825	0.31681	1.23953	1.23953	0.177983	1.34581	1.34581	0.0745972	1.51003	1.51003	2.95757	2.01675	0.606129	1
cg26968228	MSRA;MSRA;MSRA	0.0770826	0.103885	0.148358	-6.80913	0.0323258	0.281	0.281	0.0290284	4.18855	4.18855	0.0427387	2.141	2.141	0.0105092	0.5720035	-1.74825		0.52774	0.501483	-1.99408	0.0881871	0.128628	-7.77434	0.0678977	0.2512516	0.0851903	0.12834	-7.79178	0.556	2.95756	54.5104	16.3836	1
cg25658278	LOC283404	0.0770829	0.74522	1.15443	1.15443	0.0777652	2.37114	2.37114	0.858728	1.08163	1.08163	0.393065	1.47013	1.47013	0.0771445	0.618559	-1.61859		0.6404919	2.30224	2.30224	0.148195	1.4396	1.4396	0.00609904	4.83929	4.83929	0.0408888	1.41364	1.41364	2.95756	0.08692	2.73106	1
cg13753351	PSMB7	0.0770831	0.198472	0.509092	-1.96428	0.104888	2.41188	2.41188	0.386849	1.55375	1.55375	0.408479	1.52197	1.52197	0.162973	0.477196	-2.09558		0.431241	1.49045	1.49045	0.0151836	0.2272263	-4.40019	0.905121	0.942482	-1.06103	0.0483576	0.126102	-3.00652	2.95755	11.5604	3.47448	1
cg05078443	SCRT2	0.0770833	0.18939	0.548611	-1.82263	0.0332588	0.281	0.281	0.0290284	3.79358	3.79358	0.0657907	3.08641	3.08641	0.0996504	0.7902007	-1.26522		0.0263371	3.60886	3.60886	0.0107599	0.5019307	0.5019307	0.0271703	3.57556	3.57556	0.152213	2.11144	2.11144	2.95755	2.15124	0.34282	1
cg01007768	CKLF;CKLF;CKLF;CKLF;CKLF	0.0770852	0.661281	1.1	1.1	0.855736	1.04013	1.04013	0.602884	1.12016	1.12016	0.0317379	1.72331	1.72331	0.753702	0.8833526	-1.13183		0.119063	0.693705	-1.44154	0.0623969	0.4627238	-2.16105	0.915717	0.977375	-1.02315	0.70397	0.920788	-1.08603	2.95752	2.18898	0.657903	1
cg24727114	LOC285419;LOC285419	0.0770862	0.3212249	0.711285	1.42705	0.2716553	1.45283	1.45283	0.414156	1.43115	1.43115	0.4184614	1.70347	1.70347	0.0111643	0.5838172	-1.71308		0.2260376	0.592198	-1.68922	0.2557794	0.54079	-1.84907	0.1778564	0.7910492	-1.26407	0.1756774	0.7914092	-1.26349	-1.43538	1.12114	1.12114	0.926	2.95742	0.7514442	1
cg02110782	NRM RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB	0.0770867	0.37628	1.33327	1.33327	0.114451	0.580491	-1.72268	0.696901	1.13202	1.13202	0.798202	0.922043	-1.08455	0.366082	0.74515	-1.34201		0.0535364	0.499273	-2.00291	0.00336584	0.282639	-3.53809	0.730534	1.11575	1.11575	0.8665513	0.948101	-1.05474	2.95749	4.70067	1.41281	1
cg17372621	1	0.07087	0.46531	0.785065	-1.27378	0.0882501	3.04091	3.04091	0.0951554	1.81693	1.81693	0.124954	1.71753	1.71753	0.163078	0.615792	-1.62392		0.445066	0.77606	-1.28886	0.446543	1.28746	1.28746	0.428432	1.30538	1.30538	0.265191	0.685126	-1.45959	2.95749	4.96769	1.49306	1
cg22790934	GCH1;GCH1;GCH1;GCH1	0.0770882	0.00214758	0.43166	-2.31664	0.248439	0.790447	-1.26511	0.230028	1.27821	1.27821	0.8337	1.04181	1.04181	0.645919	0.913778	-1.09436		0.460739	0.863837	-1.15763	0.5314	1.13153	1.13153	0.21125	0.773589	-1.29268	0.773653	0.945346	-1.05781	2.95747	1.77944	0.534822	1
cg08681440	SYT1;MIR1252;SYT1;SYT1	0.0770883	0.149941	0.338651	-2.95264	0.0142136	0.163362	0.0202284	49.4296	6.494432	6.494432	0.0242242	0.8807107	0.183871	-5.43886	0.8032035	-1.24507		0.153913	0.31884	-3.13604	0.0314409	0.234564	0.234564	0.0116075	0.565309	0.856501	-1.16821	0.975744	1.0878	1.02021	0.5	2.00021	1
cg07962707	RABEP1;RABEP1 SORBS1;SORBS1;SORBS1;SORBS1;SORB	0.0770905	0.318063	0.799714	-1.25045	0.061048	1.57963	1.57963	0.170217	1.37211	1.37211	0.0358634	1.69683	1.69683	0.192446	0.58241	-1.71729		0.853332	0.04089	1.04089	0.418181	0.835968	-1.19622	0.192446	1.3482	1.3482	0.861782	0.962962	-1.03846	2.95743	2.19687	0.660293	1
cg18318006	S1;SORBS1;SORBS1	0.0770907	0.0854393	0.349995	-2.85718	0.98565	0.990118	-1.00998	0.443864	1.53885	1.53885	0.293255	0.547709	-1.82579	0.185349	0.460461	-2.17174		0.215813	0.4871	-2.05297	0.0035976	0.113421	-8.81674	0.184198	0.459413	-2.17669	0.0617497	0.312947	-3.19543	2.95743	14.2806	4.29219	1
cg06759901	KIAA1486	0.0770909	0.79583	1.09233	1.09233	0.977842	0.991296	-1.00878	0.0221327	2.37613	2.37613	0.0397637	2.11348	2.11348	0.585489	1.18906	1.18906		0.0743985	0.534867	-1.86962	0.165091	0.56351	-1.53631	0.141457	0.607912	-1.64498	0.453378	0.774802	-1.28468	2.95742	4.64111	1.39494	1
cg23935276	ECE1	0.0771359	0.31359	0.6933	1.44213	0.0769108	1.60539	1.60539	0.0655105	-1.53	0.650907	-1.2209	0.0360644	2.77188	0.0388534	1.5322	1.5322		0.814654	0.90594	-1.10383	0.654374	1.31056	1.31056	0.257451	1.21295	1.21295	0.803781	1.03628	1.03628	0.111441	0.751565	1.43358	0.257451	1.29579	0.384664	1
cg07697356	OCT	0.0770916	0.891265	1.03192	1.03192	0.426083	1.2053	1.2053	0.157348	1.41541	1.41541	0.705275	0.916403	-1.09122	0.00731575	0.450844	-2.21806		0.147118	0.699454	-1.42969	0.0786998	1.5663	1.5663	0.900518	1.02915	1.02915	0.264948	0.765724	-1.30595	2.95741	2.47249	0.74314	1
cg11801011	SHANK1	0.0770952	0.120219	0.499756	-2.00098	0.164243	0.781358	0.573941	1.25993	1.25993	1.93476	0.567652	-1.76164	0.00729139	0.240746	-4.15376			0.145298	0.525417	-1.90325	0.0882916	0.462037	-2.16433	0.0662321	1.19552	1.19552	0.823845	1.0963	1.0963	2.95735	7.93189	2.38408	1
cg24004478	UNC84A;UNC84A	0.0770966	0.225662	1.37729	1.37729	0.983052	1.00599	1.00599	0.0998143	0.63525	-1.57418	0.150161	0.678358	-1.47415	0.111899	0.646916	-1.5458		0.021678	2.0007	2.0007	0.0642628	0.592695	-1.68721	0.447999	1.21476	1.21476	0.917159	1.02652	1.02652	2.95733	2.96457	0.891067	1
cg23595396	HCG27	0.0770969	0.577672	1.08015	1.08015	0.707202	1.03516	1.03516	0.225115	0.853481	0.853481	0.0139993	0.0121868	-1.44707	0.0222301	0.6484	-1.54249		0.185395	0.606288	-1.64951	0.184606	0.695394	-1.43803	0.493884	0.9561	1.09612	0.494773	0.836353	-1.19567	2.95731	1.31198	0.935378	1
cg26511108	COMMD3;BMI1	0.0770976	0.0204137	0.706498	-5.8583	0.194263	0.419457	-2.38403	0.320031	0.522014	-1.91566	0.421035	0.594503	-1.68208	0.0244815	0.1835068	-5.44935		0.269308	0.482975	-2.07005	0.00803157	0.116649	-8.57274	0.186625	0.412437	-2.42461	0.0259536	0.248716	-4.02065	2.95731	18.7457	5.63447	1
cg04898124	SULF2;SULF2;SULF2 OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OP PA1;OPA1;OPA1;OPA1;OPA1;OPA1;OP	0.0770989	0.0168924	0.358232	-2.79149	0.0600809	0.473744	-2.11085	0.646038	0.849684	-1.17691	0.248534	0.653848	-1.52941	0.0463141	0.447524	-2.23452		0.927315	1.03266	1.03266	0.018663	0.366307	-2.72995	0.0299315	0.406694	-2.45885	0.417912	0.747084	-1.33854	2.95729	5.81116	1.74669	1
cg04744843	A1;OPA1;OPA1;OPA1	0.0770813	0.303214	0.674366	-1.14369	0.1668559	0.830656	-1.20387	0.850322	1.02407	1.02407	0.182072	0.836685	-1.19519	0.0729087	1.04455	1.04455		0.0752946	0.799133	-1.25115	0.00212784	0.580721	-1.722	0.236608	0.855461	-1.16896	0.524783	0.922067	-1.08452	2.95725	0.7423113	0.223124	1
cg22241838	TMEM109	0.0770839	0.3888	0.632141	-1.58193	0.00338284	7.92061	7.92061	0.255445	1.85248	1.85248	0.372294	1.60908	1.60908	0.290229	0.565526	-1.76826		0.756319	0.850743	-1.17544	0.146088	0.444732	-2.24855	0.683842	1.2369	1.2369	0.865913	0.915982	-1.09172	2.9572	12.6298	3.79632	1
cg05329976	PHACTR3;PHACTR3;PHACTR3	0.0770848	0.784417	0.914326	-1.0937	0.172097	1.60962	1.60962	0.143236	0.708207	-1.67166	0.261335	1.4661	1.4661	0.0379688	0.455721	-2.19432		0.0662774	0.510269	-1.95935	0.137169	0.592777	0.592777	0.0786143	0.928328	1.07622	0.786143	0.928328	-1.07622	2.95719	1.57662	0.470132	1
cg21228259	ASS1;ASS1	0.0770852	0.0634475	2.51846	2.51846	0.419918	1.44008	1.44008	0.979965	0.988948	-1.01118	0.231066	1.74363	1.74363	0.134272	2.04343	2.04343		0.0816638	2.34895	2.34895	0.031993	3.89484	3.89484	0.0298964	3.09787	3.09787	0.018822	3.52337	3.52337	2.95718	2.17306	2.7573	1
cg03290131	DUSP1	0.070806	0.00490852	0.081311	-12.2985	0.709973	1.28597	1.28597	0.632101	1.38371	1.38371	0.158821	0.362763	-2.75662	0.183086	0.38631	-2.58859		0.439056	0.587802	-1.70125	0.070455	0.256338	-3.9011	0.117474	0.318301	-3.14168	0.0472851	0.216934	-4.6097	2.95717	21.2306	6.38167	1
cg03696974	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.0770869	0.0414357	0.2	0.2	0.0172727	2.49572	2.49572	0.225458	2.31614	2.31614	0.0747149	3.7664	3.7664	0.0227622	0.5733	-1.74482		0.0757	4.591	4.591	0.127669	0.59733	0.59733	0.0212281	10.8782	10.8782	0.034754	6.77223	6.77223	2.95716	2.82484	0.50434	1
cg22914057	MAEA;MAEA	0.0770872	0.997949	1.00078	1.00078	0.0158919	2.45845	2.45845	0.605722	1.17187	1.17187	0.592381	1.17893	1.17893	0.00784666	0.353744	-2.8269		0.676871	0.880162	-1.13615	0.884635	0.956742	-1.04521	0.602462	1.17358	1.17358	0.307382	0.724819	-1.37965	2.95715	4.34489	1.30603	1
cg26491844	KLHL29	0.0770873	0.985348	1.00147	1.00147	0.973797	1.07797	1.07797	0.189018	1.08518	1.08518	0.345491	1.16756	1.16756	0.0850719	0.8154357	-1.22626		0.756338	1.04644	1.04644	0.586527	0.8180923	-1.22316	0.0838777	0.9381033	-1.06561	0.7904344	1.13704	1.13704	2.95718	0.9381033	0.298208	1
cg25431547	ZAK;ZAK;ZAK;ZAK	0.0770812	0.632944	0.937555	-1.0666	0.00589943	1.62053	1.62053	0.194408	1.20198	1.20198	0.739541	0.956273	-1.04573	0.698617	1.05352	1.05352		0.409287	1.11974	1.11974	0.0710233	0.76317	-1.31032	0.157376	0.8165821	-1.22462	0.516304	1.0922	1.0922	2.95707	0.84107	0.252824	1
cg11070929	RER1	0.0770832	0.660183	0.944915	-1.0583	0.19035	0.837274	-1.19435	0.247619	1.16743	1.16743	0.0286193	0.718428	-1.39193	0.987088	0.99793	-1.00207		0.0846445	0.7833	-1.27665	0.030444	1.38506	1.38506	0.783403	0.96533	-1.03591	0.0985918	0.792977	-1.26107	2.95705	0.7680803	0.230886	1
cg00101890	MTSS1	0.0770858	0.194277	0.4	0.4	0.0172727	1.32636	1.32636	0.178811	1.32558	1.32558	0.0139917	1.90083	1.90083	0.0389902	0.5143	-1.94503		0.0191689	1.3565	1.3565	0.0144672	1.12976	1.12976	0.0553856	0.9097	0.9097	0.0896753	0.761632	-1.31337	0.607568	0.976132	1.08976	2.9867	0.387681	1
cg24575169	CTTN;CTTN	0.0770866	0.2774349	0.72264	-1.38382	0.58757	0.854285	-1.17057	0.484683	0.815279	-1.22657	0.669365	1.13135	1.13135	0.524529	0.830713	-1.20379		0.96421	1.01299	1.01299	0.00126645	0.2584698	-3.8685	0.635691	1.14751	1.14751	0.97907	1.00757	1.00757	2.95699	3.87356	1.16441	1
cg10268653	C22orf40	0.0770881	0.773188	1.0411	1.0411	0.643335	0.909584	-1.0998	0.733345	1.18365	1.18365	0.837045	0.9670768	-1.03405	0.9166515	1.07303	1.07303		0.515931	1.0938	1.0938	0.6812837	1.27015	1.27015	0.189917	0.6616398	0.5812837	1.13816	1.38912	1.38912	2.95698	1.8312	0.537298	1
cg04065742	PARD3	0.0770887	0.542082	1.19622	1.19622	0.135428	0.626762	-1.5955	0.104686	0.597593	-1.67338	0.162223	0.68482	-1.54221	0.274544	1.33105	1.33105		0.169636	1.52864	1.52864	0.0114252	2.50674	2.50674	0.312652	1.35419	1.35419	0.870668	1.04844

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00406796	ZNF780A;ZNF780A;ZNF780A;ZNF780A	0.0709017	?	?	?	0.0870718	3.49239	3.49239	?	?	?	0.154264	0.366258	-2.73032	?	?	?	?	?	?	0.0218735	6.33226	6.33226	0.649432	1.3479	1.3479	0.503954	0.642129	-1.55732	3.39806	12.4318	5.1219	1
cg04542047	NARS2;NARS2	0.0709018	0.17564	0.667606	-1.49789	0.177566	0.668955	-1.49487	0.107598	0.61097	-1.63674	0.48933	0.821141	-1.21782	0.00542346	0.358181	-2.79189	0.0247586	0.472377	-2.11695	0.0449847	0.524386	-1.90699	0.88847	1.04016	1.04016	0.233645	0.704439	-1.41957	2.95556	3.68506	1.10829	1
cg13672638	FSD1L;FSD1L	0.0709029	0.00853538	0.162605	-6.14987	0.0776304	0.345926	-2.89079	0.346763	0.591914	-1.68944	0.848445	1.1091	1.1091	0.0126008	0.18656	-5.36022	0.213837	0.492423	-2.03077	0.548476	1.38906	1.38906	0.178073	0.460926	-2.16955	0.277514	0.54268	-1.84271	2.95554	13.7123	4.12402	1
cg04509221	PRDM16;PRDM16	0.070903	0.0142853	0.16868	-5.92837	0.192274	0.443548	-2.25455	0.420483	0.615828	-1.62383	0.276121	0.513093	-1.94896	0.00985922	0.146447	-6.82839	0.0349476	0.235128	-4.253	0.221084	0.468749	-2.13334	0.0415142	0.250435	-3.99306	0.204489	0.454437	-2.20053	2.95554	16.2409	4.88451	1
cg11417675	UCP2	0.0709047	0.0464061	0.617175	-1.62029	0.369138	0.822737	-1.21546	0.0358981	1.67591	1.67591	0.0910572	1.48253	1.48253	0.206113	0.754181	-1.32594	0.981036	1.00504	1.00504	0.686142	0.917652	-1.08974	0.361446	0.820002	-1.21951	0.0673942	1.54273	1.54273	2.95551	2.09466	0.629982	1
cg18607529	IKZF1	0.070905	0.0393919	1.60045	1.60045	0.522126	1.13658	1.13658	0.248079	1.26907	1.26907	0.30398	1.23379	1.23379	0.00666408	0.499218	-2.00313	0.465017	0.863524	-1.15805	0.701623	0.926847	-1.07893	0.708695	0.928615	-1.07687	0.438002	1.16896	1.16896	2.9555	1.82282	0.548225	1
cg23636623	NRCAM;NRCAM;NRCAM	0.0709061	0.0327053	0.59734	-1.67409	0.04085	0.614626	-1.627	0.133313	0.71612	-1.39641	0.195797	1.32589	1.32589	0.933064	1.01747	1.01747	0.764939	1.06378	1.06378	0.0606626	1.54666	1.54666	0.235782	1.292	1.292	0.612478	0.900031	-1.11107	2.95549	1.99013	0.598548	1
cg06112560	PLK1	0.0709076	0.0219951	0.168784	-5.92475	0.0590947	0.251538	-3.97554	0.0569969	0.247906	-4.03379	0.139633	0.357233	-2.7993	0.0364639	0.207133	-4.82781	0.0978566	0.308507	-3.24142	0.0171573	0.152451	-6.55951	0.108221	0.321485	-3.11057	0.0974405	0.307971	-3.24706	2.95546	19.6293	5.90375	1
cg03950716	ACLY;ACLY	0.0709082	0.149382	0.721036	-1.38689	0.27618	0.786906	-1.2708	0.00542427	0.461089	-2.16878	0.106576	0.688803	-1.45179	0.0351515	0.595003	-1.68066	0.803347	1.05421	1.05421	0.474835	0.85748	-1.16621	0.274518	1.27194	1.27194	0.879379	0.968382	-1.03265	2.95545	2.09516	0.630145	1
cg10469152	ABCC8	0.0709088	0.86647	0.986031	-1.01417	0.0453038	0.825342	-1.21162	0.0449539	1.21211	1.21211	0.0548028	0.833538	-1.19971	0.523126	1.05559	1.05559	0.977624	0.997658	-1.00235	0.0685647	0.843303	-1.18581	0.058816	0.836603	-1.19531	0.551537	0.950888	-1.05165	2.95544	0.327089	0.0983764	1
cg02643597	GOLGA3	0.0709096	0.459106	1.36594	1.36594	0.0343465	2.77642	2.77642	0.533837	1.2978	1.2978	0.106138	0.481893	-2.07515	0.0888821	0.460106	-2.17341	0.0472987	0.391063	-2.55714	0.1501	0.52822	-1.89315	0.880464	1.06423	1.06423	0.129746	0.508079	-1.9682	2.95543	8.01056	2.40929	1
cg04062187	CD247;CD247	0.070913	0.258295	0.837245	-1.19439	0.0273114	1.48185	1.48185	0.384902	1.14358	1.14358	0.034198	0.689249	-1.45085	0.225939	1.21106	1.21106	0.379873	0.873138	-1.14529	0.847743	0.971467	-1.02937	0.648312	0.93318	-1.0716	0.0521973	1.39456	1.39456	2.95537	1.06159	0.319296	1
cg14270346	SHB	0.0709131	0.0329889	0.319947	-3.12552	0.036245	0.328633	-3.04291	0.00718069	0.204719	-4.88474	0.458726	0.708358	-1.41172	0.489113	0.725318	-1.37871	0.610865	0.790946	-1.26431	0.745786	0.861855	-1.16029	0.227604	1.78397	1.78397	0.225048	0.55858	-1.79025	2.95537	9.77628	2.94042	1
cg14404746	RNF208	0.0709176	0.0278209	3.9869	3.9869	0.791506	0.868545	-1.15135	0.00772303	6.17441	6.17441	0.037927	3.59754	3.59754	0.851533	0.905138	-1.1048	0.802531	1.14258	1.14258	0.277347	1.82388	1.82388	0.477217	1.46879	1.46879	0.0591244	3.10666	3.10666	2.95529	13.2443	3.98361	1
cg25291941	POP1;POP1;POP1;HRSP12	0.0709178	0.379545	0.864045	-1.15735	0.466111	1.12776	1.12776	0.00992665	0.589801	-1.69549	0.138915	0.77243	-1.29462	0.277025	0.832543	-1.20114	0.821649	0.964061	-1.03728	0.0163229	0.621275	-1.60959	0.526744	0.901253	-1.10957	0.209754	1.23897	1.23897	2.95529	1.22994	0.369941	1
cg12458361	PNPLA8	0.0709186	0.153173	0.55236	-1.81041	0.69635	0.858832	-1.16437	0.888488	0.947015	-1.05595	0.0652575	0.447955	-2.23237	0.533723	0.783036	-1.27708	0.490504	0.762029	-1.31229	0.00530412	0.240318	-4.16116	0.741552	0.879481	-1.13703	0.066318	2.22369	2.22369	2.95528	7.04748	2.11974	1
cg07080019	STK32C	0.0709219	0.982682	0.991191	-1.00889	0.546854	0.779934	-1.28216	0.208074	1.71785	1.71785	0.0129844	3.51389	3.51389	0.871222	0.936004	-1.06837	0.0982541	0.477467	-2.09439	0.0581919	0.417815	-2.3934	0.150093	0.533155	-1.87563	0.323866	0.660105	-1.51491	2.95522	7.77797	2.3395	1
cg11572287	PRPF3	0.0709221	0.159947	1.20328	1.20328	0.0188319	0.704199	-1.42005	0.0950261	1.2537	1.2537	0.330077	0.883493	-1.13187	0.554649	0.928993	-1.07643	0.296558	1.1427	1.1427	0.0530233	1.31124	1.31124	0.34002	1.12884	1.12884	0.405164	0.900351	-1.11068	2.95522	0.710961	0.213847	1
cg19078067	SDK2	0.0709226	0.0650632	0.380274	-2.62968	0.237311	0.561095	-1.78223	0.0393267	0.328618	-3.04304	0.181366	0.515667	-1.93923	0.030413	0.304962	-3.27909	0.126442	0.462225	-2.16345	0.0386071	0.326862	-3.05939	0.00995621	0.218858	-4.56917	0.136666	0.473119	-2.11363	2.95521	10.1971	3.06716	1
cg04598683	NCRNA00167;PRDM10;PRDM10	0.0709234	0.86954	0.977714	-1.02279	0.0271162	1.43144	1.43144	0.0609545	1.33587	1.33587	0.368661	1.13496	1.13496	0.658341	1.06292	1.06292	0.957393	1.00735	1.00735	0.0215313	0.684862	-1.46015	0.7954	1.03627	1.03627	0.0701336	1.31997	1.31997	2.9552	0.879898	0.264663	1
ch.1.928723R	PPP1R8;PPP1R8;PPP1R8	0.0709238	0.610331	1.11552	1.11552	0.00700023	0.476248	-2.09975	0.0128277	0.5182	-1.92976	0.123873	0.701553	-1.42541	0.180729	0.739115	-1.35297	0.939982	0.984111	-1.01615	0.678525	0.915161	-1.0927	0.611825	1.115	1.115	0.915377	0.977645	-1.02287	2.95519	2.11755	0.636937	1
cg15241708	CNOT6	0.0709248	0.0663435	0.189638	-5.2732	0.205774	0.340389	-2.93782	0.369728	0.475331	-2.1038	0.891464	0.89563	-1.11653	0.0234704	0.112455	-8.89246	0.239749	0.370131	-2.70175	0.0079688	0.0641676	-15.5842	0.0491254	0.163098	-6.13128	0.0546308	0.172019	-5.8133	2.95517	30.5097	9.17705	1
cg24027965	LYPD6B	0.0709249	0.947903	1.01728	1.01728	0.289933	1.33366	1.33366	0.134227	0.654845	-1.52708	0.704222	1.10515	1.10515	0.651744	0.887716	-1.12649	0.171851	1.46414	1.46414	0.00512382	2.63633	2.63633	0.0440848	1.83382	1.83382	0.757326	1.08464	1.08464	2.95517	3.21628	0.967427	1
cg10635789	ATP5I	0.0709255	0.940387	1.01987	1.01987	0.0787417	1.67145	1.67145	0.888716	1.03752	1.03752	0.318327	1.31176	1.31176	0.739027	1.09195	1.09195	0.11692	1.5654	1.5654	0.0158295	0.459461	-2.17646	0.085854	1.64781	1.64781	0.0617834	1.73928	1.73928	2.95516	3.23998	0.974559	1
cg17778722	CDK1;CDK1;CDC2	0.0709275	0.0312855	0.377767	-2.64714	0.121266	0.523461	-1.91036	0.0491245	0.420893	-2.3759	0.921654	0.962807	-1.03863	0.15735	0.558438	-1.79071	0.182607	0.579869	-1.72453	0.00712225	0.262035	-3.81628	0.659564	1.18626	1.18626	0.118741	0.520761	-1.92027	2.95513	6.9478	2.08987	1
cg08606075	TMEM18	0.0709276	0.149933	0.772689	-1.29418	0.654168	0.927432	-1.07825	0.702239	1.06628	1.06628	0.867774	0.972546	-1.02823	0.320514	1.18707	1.18707	0.0332683	0.659863	-1.51547	0.257508	0.820846	-1.21826	0.0291338	1.53657	1.53657	0.0605681	1.42406	1.42406	2.95513	1.30639	0.392956	1
cg21309147	STAC2	0.0709276	0.515974	1.10924	1.10924	0.435418	0.882269	-1.13344	0.955456	1.00883	1.00883	0.913603	1.01723	1.01723	0.026207	0.660253	-1.51457	0.266013	1.20014	1.20014	0.00520769	0.559708	-1.78664	0.182193	0.800218	-1.24966	0.84616	0.969887	-1.03105	2.95513	1.15962	0.34881	1
cg06349546	POLDIP3;RNU12;POLDIP3	0.0709276	0.545637	0.811405	-1.23243	0.00696451	0.303344	-3.29659	0.0727533	0.504577	-1.98186	0.369313	1.37034	1.37034	0.129014	0.5709	-1.75162	0.411601	0.750598	-1.33227	0.137808	1.72644	1.72644	0.411994	1.33194	1.33194	0.875217	0.947717	-1.05517	2.95513	5.46489	1.64382	1
cg13137809	GNA12	0.0709281	0.364606	0.453442	-2.20535	0.00423958	0.0387874	-25.7816	0.0589948	0.163621	-6.11169	0.81674	0.821136	-1.21782	0.0799874	0.192214	-5.20254	0.0901587	0.204855	-4.8815	0.0511275	0.151726	-6.59084	0.271754	0.378612	-2.64123	0.897517	1.1156	1.1156	2.95512	33.7305	10.146	1
cg16643169	CCDC74B	0.0709298	0.0166261	0.103559	-9.65636	0.359128	0.481376	-2.07738	0.411478	0.521444	-1.91775	0.706606	0.745866	-1.34072	0.0241487	0.124345	-8.04212	0.201898	0.35175	-2.84293	0.00740777	0.0689116	-14.5114	0.148703	0.300906	-3.3233	0.134479	0.286137	-3.49482	2.95509	28.1377	8.46381	1
cg15026743	F3	0.0709319	0.22121	0.441728	-2.26384	0.692392	1.28743	1.28743	0.427115	0.597387	-1.67396	0.952758	0.963055	-1.03836	0.433226	0.60162	-1.66218	0.16295	0.388182	-2.57611	0.00168363	0.0576961	-17.3322	0.932426	1.05536	1.05536	0.13277	0.356797	-2.80271	2.95505	18.8943	5.68346	1
cg27539806	FAM38A	0.070934	0.396276	0.850779	-1.17539	0.138202	0.743089	-1.34573	0.580424	0.901347	-1.10945	0.10329	0.717858	-1.39303	0.144466	0.747055	-1.33859	0.587571	0.903146	-1.10724	0.00632171	1.93766	1.93766	0.665379	1.08432	1.08432	0.343194	0.833887	-1.1992	2.95502	1.61963	0.487195	1
cg03221436	CCDC120;CCDC120;CCDC120;CCDC120	0.0709375	0.878969	0.952955	-1.04937	0.486909	0.799811	-1.25029	0.917856	0.967903	-1.03316	0.453534	0.785483	-1.2731	0.0144968	0.385773	-2.5922	0.0263205	2.30055	2.30055	0.0928255	1.79461	1.79461	0.184946	1.55988	1.55988	0.790145	1.08801	1.08801	2.95496	4.68011	1.40784	1
cg19504005	SMOC1;SMOC1	0.0709376	0.0203229	0.751118	-1.33135	0.325657	0.901374	-1.10942	0.801379	0.97454	-1.02613	0.0497634	1.25731	1.25731	0.250435	1.13074	1.13074	0.460614	1.07989	1.07989	0.381338	0.912227	-1.09622	0.125838	1.18467	1.18467	0.0929333	1.20819	1.20819	2.95496	0.489894	0.147366	1
cg13680764	PDLIM5;PDLIM5;PDLIM5;PDLIM5;PDLIM5	0.0709402	0.85112	0.917786	-1.08958	0.169212	0.512359	-1.95176	0.198643	1.85937	1.85937	0.205468	0.543404	-1.84025	0.599967	0.785351	-1.27332	0.00232448	0.143445	-6.97129	0.166111	0.509529	-1.9626	0.599646	0.785181	-1.27359	0.53666	0.751507	-1.33066	2.95491	9.75665	2.93497	1
cg07007312	DGKQ	0.0709405	0.0904825	2.12285	2.12285	0.999088	1.00046	1.00046	0.96447	0.982185	-1.01814	0.78787	1.11498	1.11498	0.139647	0.526529	-1.89923	0.25575	0.619537	-1.61411	0.00648543	4.1705	4.1705	0.121956	1.96702	1.96702	0.241039	1.64098	1.64098	2.95491	7.62158	2.29271	1
cg04775710	IER3	0.0709411	0.178841	5.09592	5.09592	0.125261	6.63258	6.63258	0.176102	5.15545	5.15545	0.14878	5.84562	5.84562	0.85013	0.805988	-1.24071	0.120571	6.81949	6.81949	0.012777	34.0204	34.0204	0.00996632	40.8838	40.8838	0.0606386	11.1546	11.1546	2.9549	60.8447	18.3032	1
cg04539241	SNORA76	0.0709413	0.866858	1.02346	1.02346	0.0420317	1.38242	1.38242	0.00827234	1.59477	1.59477	0.63201	1.06897	1.06897	0.0400399	1.38819	1.38819	0.503908	0.910513	-1.09828	0.284104	0.857437	-1.16627	0.862135	0.976261	-1.02432	0.235142	1.18767	1.18767	2.9549	0.894094	0.268961	1
cg13099839	LIMS2;LIMS2;LIMS2;LIMS2;LIMS2	0.0709429	0.47979	1.54541	1.54541	0.152844	2.52879	2.52879	0.238229	2.11399	2.11399	0.2844	1.96175	1.96175	0.924516	1.05911	1.05911	0.727376	1.23624	1.23624	0.22848	2.15091	2.15091	0.00274859	12.2308	12.2308	0.0206077	5.41769	5.41769	2.95487	17.1834	5.16915	1
cg03140557	SOLH	0.0709435	0.0259815	0.519177	-1.92612	0.204472	1.39394	1.39394	0.666902	0.898163	-1.11338	0.103005	1.55647	1.55647	0.849503	0.953974	-1.04825	0.439708	0.822449	-1.21588	0.164305	0.69207	-1.44494	0.179948	1.42367	1.42367	0.0340682	0.541435	-1.84694	2.95486	2.87927	0.866149	1
cg13473184	PMVK	0.0709443	0.626555	1.09055	1.09055	0.26297	1.22912	1.22912	0.69539	1.07203	1.07203	0.758794	1.05595	1.05595	0.0679164	0.696676	-1.43539	0.29409	1.21211	1.21211	0.0132151	0.581039	-1.72105	0.480176	1.13526	1.13526	0.0359086	0.649571	-1.53948	2.95485	1.46228	0.43989	1
cg07591089	ADCK2	0.0709458	0.261397	0.88453	-1.13054	0.888489	1.01481	1.01481	0.205909	1.15003	1.15003	0.101206	0.828597	-1.20686	0.437276	0.920339	-1.08656	0.102408	0.829244	-1.20592	0.0318679	0.76837	-1.30146	0.0352089	0.773386	-1.29302	0.116299	1.19577	1.19577	2.95482	0.513595	0.154503	1
cg25854943	AATK	0.0709461	0.106851	0.816709	-1.22443	0.354773	0.896293	-1.11571	0.330965	0.891038	-1.12229	0.879964	1.01753	1.01753	0.14539	0.835423	-1.197	0.119577	1.2144	1.2144	0.00855348	1.47083	1.47083	0.903456	1.01405	1.01405	0.348404	0.894911	-1.11743	2.95482	0.619026	0.18622	1
cg25198716	GPBP1L1;TMEM69	0.0709463	0.7521	0.955438	-1.04664	0.297572	0.856122	-1.16806	0.914899	0.98474	-1.0155	0.959425	0.992708	-1.00735	0.0519047	0.727469	-1.37463	0.00983886	1.59898	1.59898	0.0761485	1.32826	1.32826	0.532106	1.09531	1.09531	0.254264	0.84261	-1.18679	2.95481	0.968429	0.29133	1
cg02382320	SLC12A7	0.0709474	0.0644185	1.89517	1.89517	0.0242969	2.28449	2.28449	0.17569	1.55749	1.55749	0.86374	0.948517	-1.05428	0.414681	1.29249	1.29249	0.961985	1.01477	1.01477	0.00606214	3.01273	3.01273	0.737699	1.10897	1.10897	0.403398	0.768655	-1.30097	2.95479	4.43114	1.33302	1
cg07311565	FAM131C;FAM131C	0.0709476	0.12118	1.62358	1.62358	0.0587096	0.540202	-1.85116	0.30561	1.35788	1.35788	0.656125	0.878759	-1.13797	0.800178	1.07589	1.07589	0.657112	1.13751	1.13751	0.005556	0.349732	-2.85933	0.409437	0.78404	-1.27545	0.725691	1.10693	1.10693	2.95479	3.89215	1.17087	1
cg25692139	SLC38A10;SLC38A10	0.070948	0.992896	1.00561	1.00561	0.0980479	3.1283	3.1283	0.248809	2.13308	2.13308	0.124081	0.351134	-2.84791	0.0703089	0.280433	-3.56592	0.183004	0.411493	-2.43018	0.00996907	0.12937	-7.72977	0.765309	0.8285	-1.207	0.568716	0.696274	-1.43622	2.95478	18.4822	5.56002	1
cg24144440	TBX15	0.0709487	0.486438	1.49958	1.49958	0.158727	0.421829	-2.37063	0.993557	0.995385	-1.00464	0.425073	0.627052	-1.59477	0.213461	0.472069	-2.11833	0.211306	0.470222	-2.12666	0.0497039	3.6065	3.6065	0.00995419	6.45667	6.45667	0.71253	1.23621	1.23621	2.95477	15.3632	4.62175	1
cg13843427	TXN	0.070949	0.516363	0.90224	-1.10835	0.673096	1.0686	1.0686	0.487748	0.895638	-1.11652	0.146726	0.78387	-1.27572	0.802957	0.961666	-1.03986	0.734337	0.948139	-1.0547	0.0012426	0.478204	-2.09116	0.929979	1.01384	1.01384	0.644046	0.929839	-1.07545	2.95477	1.14387	0.344114	1
cg22466217	C16orf7;ZNF276;ZNF276	0.0709494	0.114866	0.645064	-1.55023	0.167101	1.45732	1.45732	0.413116	0.807392	-1.23856	0.20661	0.711345	-1.40579	0.549413	0.856518	-1.16752	0.0187566	2.07138	2.07138	0.189813	0.701111	-1.42631	0.0858833	0.615496	-1.62471	0.291025	1.32335	1.32335	2.95476	3.0596	0.920429	1
cg14173587	ABCA2;ABCA2	0.0709504	0.0668736	4.84859	4.84859	0.031201	6.97905	6.97905	0.0161166	9.60855	9.60855	0.0787853	4.48214	4.48214	0.898704	0.906767	-1.10282	0.266097	2.43633	2.43633	0.0758266	4.56528	4.56528	0.037588	6.38393	6.38393	0.0642873	4.94094	4.94094	2.95474	27.6354	8.31367	1
cg14633820	GPR107;GPR107;GPR107	0.0709514	0.162915	0.71871	-1.39138	0.572333	0.881153	-1.13488	0.886189	0.96874	-1.03227	0.134714	1.42992	1.42992	0.00555928	0.445858	-2.24287	0.0571372	0.620477	-1.61166	0.145967	0.707412	-1.4136	0.881178	1.03373	1.03373	0.769163	1.06744	1.06744	2.95473	2.30128	0.692308	1
cg07143052	SMC1A;RIBC1;RIBC1	0.0709524	0.88405	0.922354	-1.08418	0.0296082	0.242084	-4.1308	0.00403394	8.49294	8.49294	0.591433	0.740733	-1.35001	0.566211	0.7253	-1.37874	0.916706	0.943704	-1.05965	0.634193	1.30409	1.30409	0.859186	1.10336	1.10336	0.766967	0.848232	-1.17892	2.95471	14.3559	4.3188	1
cg04947949	WDFY4	0.0709526	0.729822	0.886166	-1.12846	0.0184665	0.369284	-2.70794	0.145451	0.579901	-1.72443	0.396818	1.35317	1.35317	0.025625	0.396839	-2.51991	0.0368978	0.429599	-2.32775	0.277101	0.674336	-1.48294	0.0344626	0.423283	-2.36249	0.369453	0.725207	-1.37892	2.95471	5.6861	1.7106	1
cg14364903	COL7A1	0.0709563	0.601518	0.893891	-1.11871	0.00652539	2.12223	2.12223	0.597517	1.12011	1.12011	0.776395	0.941179	-1.0625	0.14926	0.719481	-1.38989	0.0754078	1.5241	1.5241	0.0496906	1.61066	1.61066	0.649993	1.10214	1.10214	0.405283	1.19874	1.19874	2.95464	2.12087	0.638053	1
cg19265600	TNRC18	0.0709573	0.110669	0.546458	-1.82997	0.434168	0.757723	-1.31974	0.821208	0.924322	-1.08187	0.58883	0.827185	-1.20892	0.00719513	0.29936	-3.34046	0.0482813	0.456307	-2.19151	0.0408299	0.440087	-2.27228	0.827955	1.0786	1.0786	0.0347094	0.424902	-2.35348	2.95463	5.65591	1.70156	1
cg18211447	RAGE	0.0709602	0.0651968	0.74371	-1.34461	0.934099	1.0119	1.0119	0.108034	0.778171	-1.28507	0.670081	1.06322	1.06322	0.698724	0.945888	-1.05721	0.0240363	1.4696	1.4696	0.0616902	0.740061	-1.35124	0.101759	1.29204	1.29204	0.91355	0.984587	-1.01565	2.95458	0.957364	0.288024	1
cg27215325	KLHL8	0.0709602	0.174938	0.751271	-1.33108	0.411625	1.18106	1.18106	0.327683	1.22175	1.22175	0.895458	0.974276	-1.0264	0.848059	0.962691	-1.03875	0.513607	0.876939	-1.14033	0.00274746	0.440787	-2.26867	0.206474	1.30231	1.30231	0.854043	0.964154	-1.03718	2.95458	1.83876	0.553192	1
cg23869307	UBTF;UBTF	0.0709615	0.119322	1.24708	1.24708	0.382585	1.12408	1.12408	0.432847	1.11022	1.11022	0.0573833	1.32418	1.32418	0.881388	1.0197	1.0197	0.415714	0.897029	-1.11479	0.0790557	0.775136	-1.2901	0.0131794	1.49399	1.49399	0.118647	1.24767	1.24767	2.95456	0.798486	0.240227	1
cg25205121	STARD10	0.0709622	0.687794	1.09639	1.09639	0.776919	0.93734	-1.06685	0.168418	0.715812	-1.39702	0.211726	0.741051	-1.34944	0.00316526	0.399122	-2.5055	0.123022	0.683442	-1.46318	0.963019	1.01062	1.01062	0.135886	0.693439	-1.44209	0.0515407	0.603594	-1.65674	2.95455	2.42822	0.730542	1
cg08638312	SEC61A2;SEC61A2;SEC61A2;SEC61A2;SEC61A2	0.0709629	0.142107	0.802131	-1.24668	0.0592654	0.742678	-1.34648	0.664675	0.940891	-1.06282	0.0653068	1.33517	1.33517	0.951805	0.991591	-1.00848	0.119127	0.789552	-1.26654	0.0565	1.35208	1.35208	0.210067	0.831495	-1.20265	0.114673	0.786881	-1.27084	2.95453	0.913262	0.27476	1
cg04673430	ZCCHC24	0.0709635	0.0724788	2.20481	2.20481	0.672624	0.845636	-1.18254	0.70623	0.86124	-1.16112	0.178007	1.75879	1.75879	0.449638	1.35516	1.35516	0.607172	1.22701	1.22701	0.12439	1.92775	1.92775	0.00279408	5.08122	5.08122	0.134858	1.88875	1.88875	2.95452	7.28236	2.19095	1
cg02071454	RPS6KC1;RPS6KC1	0.0709642	0.0555918	1.43164	1.43164	0.39655	0.866229	-1.15443	0.85346	0.969878	-1.03106	0.130814	1.3098	1.3098	0.0139428	1.65262	1.65262	0.328223	0.846259	-1.18167	0.0430493	1.46973	1.46973	0.887754	1.02364	1.02364	0.103518	1.34248	1.34248	2.95451	1.28031	0.385193	1
cg11940518	FAM89B;FAM89B;FAM89B	0.0709652	0.494476	1.33336	1.33336	0.902023	0.95021	-1.0524	0.506468	1.3225	1.3225	0.883444	1.06272	1.06272	0.660387	1.20124	1.20124	0.726712	1.15663	1.15663	0.00143391	0.14784	-6.76408	0.689883	1.18095	1.18095	0.790622	0.895523	-1.11667	2.95449	8.04666	2.42092	1
cg16269097	CASK;CASK;CASK	0.0709675	0.00632448	0.00637807	-156.787	0.803158	0.70112	-1.42629	0.656715	0.529426	-1.88884	0.15701	8.60048	8.60048	0.507483	2.60116	2.60116	0.27833	0.201366	-4.96609	0.266939	5.17751	5.17751	?	?	?	?	?	?	3.04072	75.7088	28.4553	1
cg01021952	SGK2	0.0709679	0.0530392	0.372702	-2.68311	0.949464	0.971945	-1.02886	0.257027	0.587968	-1.70077	0.506927	0.739132	-1.35294	0.0225613	0.293394	-3.40838	0.614115	1.2564	1.2564	0.108129	0.455223	-2.19672	0.0363298	2.98174	2.98174	0.504845	1.35501	1.35501	2.95445	9.43106	2.83747	1
cg13834366	TPCN2	0.0709692	0.454418	0.879686	-1.13677	0.394954	0.863665	-1.15786	0.3707	0.856725	-1.16724	0.940232	1.01269	1.01269	0.512265	0.894214	-1.1183	0.494801	1.1237	1.1237	0.00441362	1.89515	1.89515	0.262296	0.821492	-1.2173	0.0814021	0.722558	-1.38397	2.95443	1.32426	0.398426	1
cg18095544	SNORD116-2;SNORD116-6	0.0709705	0.0631398	0.41292	-2.42178	0.19132	0.556848	-1.79582	0.429539	1.40672	1.40672	0.4956	0.746163	-1.34019	0.0190676	0.300947	-3.32284	0.176523	0.544424	-1.8368	0.115318	0.484556	-2.06374	0.148771	1.92579	1.92579	0.0450775	0.377915	-2.6461	2.95441	8.37977	2.52121	1
cg21761922	OXNAD1	0.0709722	0.117086	0.326808	-3.0599	0.202549	0.413191	-2.42019	0.167424	0.380314	-2.62941	0.198588	0.409618	-2.4413	0.00645622	0.0976155	-10.2443	0.0546477	0.238812	-4.18739	0.0159946	0.144063	-6.9414	0.214522	0.423815	-2.35952	0.0883117	0.290704	-3.43992	2.95438	20.1945	6.07595	1
cg01844866	JPH3	0.0709747	0.142444	0.856629	-1.16737	0.155046	0.861262	-1.16109	0.698154	1.03899	1.03899	0.346903	0.909314	-1.09973	0.425596	0.92325	-1.08313	0.0111837	0.731947	-1.36622	0.0116754	0.733954	-1.36248	0.384373	1.09148	1.09148	0.699762	1.03877	1.03877	2.95434	0.450734	0.135615	1
cg19224837	GSC	0.0709759	0.475466	0.860148	-1.16259	0.581283	0.890795	-1.12259	0.331724	0.81229	-1.23109	0.80937	0.951064	-1.05145	0.962645	0.990324	-1.00977	0.128465	1.40652	1.40652	0.645727	1.10086	1.10086	0.127101	1.40852	1.40852	0.00304985	2.32217	2.32217	2.95432	2.01655	0.606736	1
cg09126559	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.070976	0.22489	0.507558	-1.97022	0.099764	0.383037	-2.61071	0.0664217	0.334495	-2.98958	0.315272	0.575563	-1.73743	0.0547449	0.313774	-3.18701	0.105296	0.390049	-2.56378	0.00408852	0.128765	-7.76606	0.628922	1.2957	1.2957	0.347185	0.597527	-1.67357	2.95431	13.2422	3.98428	1
cg03141594	ARMC9	0.0709761	0.288174	1.23854	1.23854	0.00443532	2.08882	2.08882	0.157266	0.7457	-1.34102	0.852139	0.964448	-1.03686	0.870571	1.03214	1.03214	0.811777	1.04737	1.04737	0.0576372	1.51663	1.51663	0.310133	0.815665	-1.22599	0.65185	1.09212	1.09212	2.95431	1.7611	0.529877	1
cg00356815	NCRNA00171	0.0709783	0.0744024	0.721097	-1.38678	0.759129	0.950668	-1.05189	0.480346	0.888689	-1.12525	0.756332	0.950088	-1.05253	0.132047	0.76538	-1.30654	0.965792	0.99297	-1.00708	0.00949996	1.71682	1.71682	0.168466	1.27302	1.27302	0.148116	0.774762	-1.29072	2.95428	1.26601	0.380919	1
cg25633045	CCDC55	0.0709786	0.688988	0.946548	-1.05647	0.535762	0.91794	-1.0894	0.085022	0.771029	-1.29697	0.993174	1.00117	1.00117	0.0186951	0.677629	-1.47573	0.596105	0.929566	-1.07577	0.0203234	1.46513	1.46513	0.377219	1.1317	1.1317	0.167185	0.817863	-1.2227	2.95427	0.872337	0.262471	1
cg02863489	PRSS27	0.0709797	0.420234	1.83849	1.83849	0.0926747	0.254559	-3.92837	0.75612	1.25908	1.25908	0.18743	2.80984	2.80984	0.189985	0.358268	-2.79121	0.474587	1.71211	1.71211	0.0172089	8.55411	8.55411	0.555599	0.643501	-1.554	0.0310843	6.49696	6.49696	2.95425	25.5851	7.69815	1
cg01566955	TSPAN15	0.07098	0.00679671	0.549211	-1.82079	0.411664	1.15423	1.15423	0.471403	1.13335	1.13335	0.451056	0.877035	-1.14021	0.991213	1.00188	1.00188	0.523414	0.895389	-1.11683	0.0207498	0.621442	-1.60916	0.411435	1.15431	1.15431	0.446666	1.14172	1.14172	2.95425	1.36602	0.411015	1
cg13769658	SNAPC3	0.0709826	0.610672	0.867759	-1.15239	0.135051	0.640788	-1.56058	0.03154	0.498283	-2.00689	0.605459	0.865928	-1.15483	0.0175856	0.450202	-2.22122	0.991283	1.00302	1.00302	0.625306	0.872876	-1.14564	0.160276	0.660728	-1.51348	0.0067169	0.378677	-2.64077	2.9542	3.57067	1.07438	1
cg11423990	TXN2	0.0709826	0.729671	1.04679	1.04679	0.0469673	0.741024	-1.34948	0.665351	0.944254	-1.05904	0.213386	0.841382	-1.18852	0.0599991	1.3227	1.3227	0.0231636	1.43023	1.43023	0.846745	1.02583	1.02583	0.633312	0.938614	-1.0654	0.102735	0.790319	-1.26531	2.9542	0.812874	0.244585	1
cg08657424	MANEAL;MANEAL	0.0709842	0.321392	1.45712	1.45712	0.261712	1.53739	1.53739	0.309184	0.679267	-1.47218	0.0370037	2.43523	2.43523	0.0411666	2.37664	2.37664	0.302104	0.675131	-1.4812	0.0397375	0.417381	-2.39589	0.309612	1.47164	1.47164	0.417224	1.35616	1.35616	2.95418	6.31803	1.90105	1
cg20214316	HDHD1A;HDHD1A	0.0709846	0.352676	0.807513	-1.23837	0.850914	0.95881	-1.04296	0.366228	0.812596	-1.23062	0.979747	0.994341	-1.00569	0.729146	1.08081	1.08081	0.0258935	0.55363	-1.80626	0.00525253	2.27708	2.27708	0.944087	1.0158	1.0158	0.914184	1.02439	1.02439	2.95417	2.33818	0.703542	1
cg06134790	RIMBP2	0.0709848	0.0893619	0.253205	-3.94937	0.245962	2.43459	2.43459	0.155936	3.04392	3.04392	0.635302	0.704445	-1.41956	0.194454	0.365482	-2.73611	0.446274	0.565929	-1.767	0.0079384	0.0824071	-12.1349	0.0845937	0.246898	-4.05026	0.391201	0.525075	-1.90449	2.95417	25.1582	7.56994	1
cg03727732	CLK3	0.0709854	0.0398013	0.186232	-5.36964	0.0242331	0.149604	-6.68431	0.0884754	0.264727	-3.77748	0.11853	0.301693	-3.31463	0.0471255	0.200575	-4.98567	0.0567372	0.217609	-4.59539	0.0282493	0.160121	-6.24526	0.203	0.386607	-2.58661	0.0376484	0.181735	-5.50253	2.95416	23.3978	7.04027	1
cg24049050	ARHGAP29	0.0709855	0.405166	0.694163	-1.44058	0.251206	1.67169	1.67169	0.167324	1.8793	1.8793	0.219934	0.575308	-1.7382	0.780935	1.12692	1.12692	0.231637	1.71211	1.71211	0.329778	0.649816	-1.5389	0.00548156	4.78417	4.78417	0.126384	2.03145	2.03145	2.95415	8.59519	2.58625	1
cg09966364	FXYD5;FXYD5;FXYD5;FXYD5;FXYD7	0.0709857	0.13192	0.387212	-2.58257	0.0346616	4.20774	4.20774	0.206385	2.1763	2.1763	0.362529	0.579231	-1.72643	0.207704	0.460645	-2.17087	0.171613	0.42778	-2.33765	0.0658391	0.299904	-3.3344	0.562097	1.40776	1.40776	0.071776	0.309466	-3.23138	2.95415	15.9278	4.7926	1
cg13659268	IKBKAP	0.0709868	0.0180432	0.451271	-2.21596	0.678075	0.89081	-1.12257	0.239821	0.71111	-1.40625	0.877761	0.958262	-1.04356	0.186435	0.678431	-1.47399	0.238726	0.710492	-1.40748	0.00958162	0.403097	-2.48079	0.489262	1.21479	1.21479	0.031912	0.498359	-2.00659	2.95413	3.58981	1.08016	1
cg00731913	PPPDE2;XRCC6	0.0709873	0.893658	1.0319	1.0319	0.0389671	1.75253	1.75253	0.00571533	2.34134	2.34134	0.607906	0.885601	-1.12918	0.680689	0.907426	-1.10202	0.397819	1.22537	1.22537	0.554247	0.868974	-1.15078	0.0410967	1.73898	1.73898	0.931042	1.02053	1.02053	2.95412	2.57856	0.775884	1
cg02444961	SGCE;SGCE;PEG10;SGCE;PEG10	0.07099	0.023198	0.628293	-1.59161	0.772638	0.951599	-1.05086	0.861375	1.03038	1.03038	0.0539399	0.687503	-1.45454	0.38435	0.858348	-1.16503	0.875528	0.973513	-1.02721	0.572899	1.10248	1.10248	0.0153289	1.66479	1.66479	0.529684	1.1152	1.1152	2.95408	1.37207	0.41286	1
cg07387570	TTC38	0.0709908	0.022595	0.795515	-1.25705	0.730876	0.971486	-1.02935	0.349822	1.08397	1.08397	0.209867	0.895188	-1.11708	0.655066	1.03839	1.03839	0.493953	0.943461	-1.05993	0.00919057	0.757972	-1.31931	0.257607	1.10405	1.10405	0.168783	0.884396	-1.13071	2.95407	0.328425	0.0988241	1
cg10826045	CAPNS1;CAPNS1	0.0709908	0.0121652	0.783966	-1.27556	0.580095	0.957408	-1.04449	0.401723	0.935338	-1.06913	0.356856	0.928849	-1.0766	0.075099	0.856951	-1.16693	0.658437	0.965942	-1.03526	0.076889	0.857934	-1.16559	0.0378804	1.20625	1.20625	0.93065	1.0068	1.0068	2.95407	0.283828	0.0854047	1
cg09635681	C16orf88;IQCK	0.0709909	0.337975	1.4193	1.4193	0.362927	0.717861	-1.39303	0.591439	1.21177	1.21177	0.181934	1.65246	1.65246	0.379544	1.37653	1.37653	0.441724	1.3206	1.3206	0.00690599	0.289518	-3.45402	0.0520803	2.18881	2.18881	0.609185	1.20056	1.20056	2.95406	5.87955	1.76918	1
cg15608786	SLAIN1	0.070994	?	?	?	0.00464099	8.32561	8.32561	0.25794	1.94331	1.94331	?	?	?	0.74853	1.19844	1.19844	?	?	?	0.745039	0.832232	-1.20159	0.31661	1.79085	1.79085	0.124275	2.5516	2.5516	3.10138	10.3725	4.45932	1
cg14828182	LOC654342	0.070998	0.232497	0.621338	-1.60943	0.0322712	0.385597	-2.59338	0.443595	1.34566	1.34566	0.543545	1.26326	1.26326	0.190951	0.590779	-1.69268	0.154146	1.78572	1.78572	0.0239168	0.359085	-2.78486	0.153918	1.78638	1.78638	0.375816	0.707897	-1.41263	2.95395	6.75846	2.03373	1
cg08079166	MAP2K5;MAP2K5	0.0710001	0.0388232	0.124862	-8.00886	0.0340598	0.116323	-8.59672	0.0851869	0.191051	-5.23421	0.726075	0.736447	-1.35787	0.0410008	0.1286	-7.77606	0.0597292	0.15758	-6.34599	0.0156323	0.0759485	-13.1668	0.940012	0.936639	-1.06765	0.120809	0.231486	-4.31991	2.95391	35.3874	10.6488	1
cg21112485	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.0710014	0.348923	1.25139	1.25139	0.0591201	0.60922	-1.64144	0.0402979	1.73487	1.73487	0.0496085	0.593978	-1.68357	0.589583	0.881041	-1.13502	0.351908	0.800286	-1.24955	0.0750694	0.630662	-1.58564	0.293589	0.776187	-1.28835	0.294343	1.2878	1.2878	2.95389	2.53014	0.761374	1
cg11855524	PXMP2	0.0710017	0.319275	0.614918	-1.62623	0.0270703	0.290427	-3.4432	0.0292948	0.297282	-3.36381	0.308727	0.607916	-1.64497	0.0126817	0.231391	-4.32169	0.0804528	0.400094	-2.49941	0.619912	0.789613	-1.26644	0.0240827	0.28054	-3.56456	0.216196	0.54071	-1.84942	2.95388	10.4422	3.14228	1
cg01552551	ELMO1	0.0710023	0.661466	0.85329	-1.17193	0.441245	1.32678	1.32678	0.03457	0.411751	-2.42865	0.0661498	0.4761	-2.1004	0.495239	0.779309	-1.28319	0.874846	1.0584	1.0584	0.0154795	2.9137	2.9137	0.542954	1.24822	1.24822	0.222845	1.586	1.586	2.95387	6.06515	1.82514	1
cg02335863	CDC27;CDC27	0.0710027	0.429135	0.789987	-1.26584	0.027115	0.465782	-2.14693	0.0309149	0.477065	-2.09615	0.193052	0.668777	-1.49527	0.0828218	0.570639	-1.75242	0.683517	1.12717	1.12717	0.0900436	1.72579	1.72579	0.654519	1.1406	1.1406	0.118868	0.609941	-1.6395	2.95387	3.99064	1.20088	1
cg10611115	JAG1	0.0710084	0.442789	0.752697	-1.32856	0.231048	0.633756	-1.57789	0.874078	0.944049	-1.05927	0.0261656	0.383734	-2.60597	0.0331488	0.404882	-2.46985	0.00978492	0.305497	-3.27335	0.526829	0.792319	-1.26212	0.0365974	0.414041	-2.41522	0.78435	1.10471	1.10471	2.95377	6.16557	1.85543	1
cg14825736	FGF1;FGF1;FGF1;FGF1	0.0710102	0.351499	0.697594	-1.4335	0.38585	1.39638	1.39638	0.877761	1.05951	1.05951	0.937861	0.971142	-1.02972	0.0408939	0.412169	-2.42619	0.593178	0.816664	-1.22449	0.00373887	0.229829	-4.35106	0.649818	0.842261	-1.18728	0.0688599	0.465471	-2.14836	2.95374	6.59867	1.98578	1
cg00799631	TNRC18	0.0710116	0.911935	0.981328	-1.01903	0.760153	0.949173	-1.05355	0.00225752	2.0712	2.0712	0.132433	1.31865	1.31865	0.86221	0.970838	-1.03004	0.359633	1.17405	1.17405	0.120181	1.33268	1.33268	0.911725	1.01907	1.01907	0.439575	0.874332	-1.14373	2.95372	1.35773	0.408593	1
cg24621790	NSUN7	0.0710126	0.418941	0.854134	-1.17078	0.325318	0.823744	-1.21397	0.0350688	0.62577	-1.59803	0.426488	1.16768	1.16768	0.758711	1.06058	1.06058	0.145814	0.742212	-1.34732	0.5763	0.897828	-1.1138	0.114593	0.720641	-1.38765	0.0141663	1.78221	1.78221	2.9537	1.70496	0.513093	1
cg25553198	RPL21P44	0.0710128	0.295406	0.832402	-1.20134	0.104369	1.35004	1.35004	0.711097	1.06492	1.06492	0.6953	1.06881	1.06881	0.0204496	1.60357	1.60357	0.523945	0.896566	-1.11537	0.0299736	1.53982	1.53982	0.555201	0.904035	-1.10615	0.0892181	0.728446	-1.37278	2.9537	1.337	0.402359	1
cg00008493	COX8C;KIAA1409	0.0710137	0.210074	1.24653	1.24653	0.0207042	1.59156	1.59156	0.140293	1.30302	1.30302	0.0977008	1.3541	1.3541	0.187732	1.26226	1.26226	0.114719	1.33133	1.33133	0.00379674	1.9182	1.9182	0.390106	1.15827	1.15827	0.194986	1.25696	1.25696	2.95368	1.30204	0.391839	1
cg26951958	MSRA;MSRA	0.0710159	0.265584	0.768512	-1.30122	0.0294828	1.78931	1.78931	0.856033	0.959621	-1.04208	0.0250678	0.546144	-1.83102	0.071369	0.633156	-1.57939	0.672514	0.908017	-1.1013	0.31798	0.791156	-1.26397	0.0543528	0.609271	-1.64131	0.33418	0.797675	-1.25364	2.95365	2.4095	0.725131	1
cg15682717	PTPN9	0.071016	0.0824757	1.31908	1.31908	0.0292308	0.690812	-1.44757	0.73657	0.952551	-1.04981	0.727691	0.950915	-1.05162	0.929982	0.987426	-1.01273	0.454009	0.896	-1.11607	0.00864383	1.61932	1.61932	0.791765	1.03883	1.03883	0.714163	0.948413	-1.05439	2.95364	0.969748	0.291842	1
cg24331682	KLHL15	0.0710178	0.227503	1.53226	1.53226	0.320036	1.41358	1.41358	0.259611	1.48607	1.48607	0.00749551	0.313659	-3.18817	0.117517	1.77297	1.77297	0.427727	1.31358	1.31358	0.21967	0.647417	-1.5446	0.490271	1.26624	1.26624	0.347785	0.722069	-1.38491	2.95361	5.3079	1.59741	1
cg11932113	PLXNA4;PLXNA4;PLXNA4	0.0710194	0.0560538	0.266826	-3.74776	0.109909	0.345134	-2.89743	0.0620711	0.277353	-3.60552	0.201453	0.43887	-2.27858	0.00633289	0.114171	-8.75883	0.105584	0.339815	-2.94278	0.0379611	0.230168	-4.34466	0.0871804	0.315685	-3.16771	0.135488	0.374463	-2.67049	2.95359	17.4343	5.24688	1
cg01668383	CSNK1A1L;CSNK1A1L	0.0710198	0.753596	1.06205	1.06205	0.483318	1.14591	1.14591	0.00448172	0.484557	-2.06374	0.719897	1.07127	1.07127	0.373393	1.19089	1.19089	0.224909	1.27596	1.27596	0.04757	1.54223	1.54223	0.957923	0.989963	-1.01014	0.807713	1.04772	1.04772	2.95358	1.70984	0.514581	1
cg24332002	HSPG2	0.0710206	0.0455117	0.218451	-4.57769	0.0740954	0.267086	-3.74411	0.194809	0.402675	-2.48339	0.0409965	0.209247	-4.77903	0.0270648	0.176243	-5.67398	0.174077	0.383247	-2.60928	0.0254285	0.171735	-5.82293	0.026486	0.174668	-5.72515	0.094571	0.29559	-3.38307	2.95357	20.5792	6.19339	1
cg08892082	TRDMT1;TRDMT1;TRDMT1	0.0710206	0.104532	1.83431	1.83431	0.198802	1.59085	1.59085	?	?	?	0.61687	1.18822	1.18822	0.00607805	0.293815	-3.40351	0.611657	0.839407	-1.19132	0.195643	1.59668	1.59668	0.823629	0.926516	-1.07931	0.920904	1.03454	1.03454	2.99199	4.92411	1.64576	1
cg05655953	TACC2;TACC2	0.0710208	0.193392	1.45526	1.45526	0.514334	1.19754	1.19754	0.407321	0.793685	-1.25995	0.951782	0.98365	-1.01662	0.152193	0.658275	-1.51912	0.590886	1.15944	1.15944	0.00356414	2.93414	2.93414	0.188609	1.46189	1.46189	0.1994	1.44718	1.44718	2.95356	3.47632	1.04622	1
cg16632096	TAPBP;TAPBP;TAPBP	0.071021	0.913226	1.04419	1.04419	0.0281645	2.79613	2.79613	0.00331371	4.88672	4.88672	0.602354	0.811793	-1.23184	0.759911	0.885518	-1.12928	0.545575	0.784559	-1.2746	0.687668	1.17387	1.17387	0.669335	1.18579	1.18579	0.564721	0.793811	-1.25975	2.95356	7.35997	2.21502	1
cg05354921	PRDM16;PRDM16	0.0710215	0.167495	2.36452	2.36452	0.32228	1.81856	1.81856	0.324628	1.81296	1.81296	0.216609	2.13932	2.13932	0.37735	0.588704	-1.69865	0.103753	2.83091	2.83091	0.0154515	5.68552	5.68552	0.00876507	7.04815	7.04815	0.107659	2.79245	2.79245	2.95355	16.0036	4.81638	1
cg27417922	YWHAG	0.0710227	0.230486	1.65594	1.65594	0.0183145	0.296955	-3.36752	0.0216981	0.312328	-3.20176	0.159269	0.544844	-1.83539	0.901429	1.05004	1.05004	0.797193	1.10688	1.10688	0.26115	0.625737	-1.59812	?	?	?	?	?	?	3.57043	6.50298	1.56115	1
cg05651176	C12orf5	0.0710239	0.849989	1.0548	1.0548	0.130228	0.630969	-1.58486	0.357561	0.765992	-1.3055	0.485181	0.818861	-1.22121	0.341221	1.31828	1.31828	0.748073	1.09504	1.09504	0.00325383	3.09736	3.09736	0.492431	1.21705	1.21705	0.349487	0.762345	-1.31174	2.95351	3.71341	1.11759	1
cg17660945	C3orf16	0.0710252	0.723218	0.893344	-1.11939	0.659288	1.15111	1.15111	0.143469	0.607381	-1.64641	0.0206986	0.41333	-2.41937	0.023491	0.423912	-2.35898	0.117179	0.582884	-1.71561	0.452891	1.27446	1.27446	0.658594	1.15146	1.15146	0.0302379	0.445712	-2.2436	2.95349	4.70534	1.41613	1
cg13680362	OR2H1;OR2H1	0.0710261	0.333748	0.562449	-1.77794	0.237629	0.489656	-2.04225	0.0160063	0.182318	-5.48492	0.500638	1.48375	1.48375	0.0104382	0.155519	-6.43009	0.977697	1.01627	1.01627	0.336359	0.564304	-1.77209	0.0265101	0.21913	-4.56351	0.418797	0.620738	-1.61098	2.95347	15.5838	4.69015	1
cg16602147	GAB1;GAB1	0.0710264	0.527242	0.780462	-1.28129	0.307756	1.5046	1.5046	0.0583463	2.28817	2.28817	0.0755788	0.46515	-2.14984	0.093931	0.490328	-2.03945	0.148681	0.549158	-1.82097	0.266625	1.56495	1.56495	0.0504551	2.3695	2.3695	0.511247	1.2941	1.2941	2.95347	7.00378	2.10789	1
cg21295811	RFPL4B	0.0710308	0.856675	0.965658	-1.03556	0.104638	0.709751	-1.40894	0.153035	0.74395	-1.34418	0.997832	0.999475	-1.00053	0.0647964	1.49314	1.49314	0.919186	0.980575	-1.01981	0.00704893	1.96054	1.96054	0.776681	0.946516	-1.05651	0.383435	1.18857	1.18857	2.9534	1.7476	0.525979	1
cg08795786	C8orf31	0.0710309	0.608969	1.18924	1.18924	0.00797393	0.319036	-3.13445	0.895425	1.04517	1.04517	0.20096	1.57413	1.57413	0.506294	0.797301	-1.25423	0.670918	0.866262	-1.15439	0.102569	0.54878	-1.82222	0.087183	0.53024	-1.88594	0.136894	1.713	1.713	2.95339	5.27812	1.58857	1
cg02255184	MANF	0.071033	0.0208456	0.13139	-7.61094	0.622735	1.40255	1.40255	0.385541	1.84156	1.84156	0.340262	0.508708	-1.96576	0.014762	0.109797	-9.10772	0.385401	0.542913	-1.84192	0.0217521	0.134279	-7.44718	0.920547	1.07023	1.07023	0.993064	1.00593	1.00593	3.48984	24.3593	4.65338	1
cg02515725	PDLIM3;PDLIM3	0.0710339	0.240772	0.73976	-1.35179	0.273529	0.756021	-1.32271	0.00485032	2.50137	2.50137	0.977849	1.00684	1.00684	0.398541	0.808843	-1.23633	0.455894	1.2049	1.2049	0.228	0.733019	-1.36422	0.829789	1.05426	1.05426	0.1141	1.52482	1.52482	2.95334	2.81789	0.84812	1
cg01100525	DBNL;DBNL;DBNL	0.071035	0.0941751	0.664277	-1.5054	0.0127691	0.502739	-1.9891	0.0166602	0.522143	-1.91519	0.343729	0.805079	-1.24211	0.408353	0.828626	-1.20682	0.872511	0.964931	-1.03634	0.0247814	0.552085	-1.81132	0.0632804	0.628572	-1.59091	0.777368	0.93893	-1.06504	2.95332	2.3113	0.695653	1
cg18394496	TMEM179B;TMEM179B	0.0710356	0.914627	0.98505	-1.01518	0.129357	1.25882	1.25882	0.975026	0.995613	-1.00441	0.651503	0.93813	-1.06595	0.415607	0.889696	-1.12398	0.207103	0.829545	-1.20548	0.00210969	0.54484	-1.8354	0.883622	1.02079	1.02079	0.920083	0.986003	-1.0142	2.95331	0.922852	0.27776	1
cg26622174	PRSSL1	0.0710383	0.113643	0.348051	-2.87314	0.0962078	0.326278	-3.06488	0.0864363	0.313085	-3.19402	0.116639	0.3516	-2.84414	0.037273	0.227124	-4.40287	0.552224	0.691627	-1.44587	0.0262254	0.198545	-5.03664	0.0075941	0.121837	-8.20769	0.171199	0.409309	-2.44314	2.95327	17.5831	5.29224	1
cg20921972	WNT5B;WNT5B	0.071042	0.174181	0.518381	-1.92908	0.00598042	0.195311	-5.12003	0.141639	0.487578	-2.05096	0.450753	0.705205	-1.41803	0.0257866	0.300195	-3.33117	0.0623746	0.385414	-2.59461	0.0467916	0.355369	-2.81398	0.111687	0.455024	-2.19769	0.555353	0.762516	-1.31145	2.95321	9.66263	2.90836	1
cg16264888	CCDC59;C12orf26;CCDC59	0.0710443	0.0131678	0.638604	-1.56592	0.194605	1.22164	1.22164	0.449056	1.11913	1.11913	0.0222396	1.49157	1.49157	0.130853	1.26873	1.26873	0.255311	1.18919	1.18919	0.800432	1.03765	1.03765	0.357091	1.14819	1.14819	0.766388	1.04443	1.04443	2.95317	0.995638	0.299682	1
cg16179976	RPRML	0.0710469	0.145284	1.3548	1.3548	0.895337	1.02588	1.02588	0.137896	0.733302	-1.36369	0.0974549	1.42348	1.42348	0.0115811	0.541774	-1.84579	0.678589	0.922278	-1.08427	0.345276	0.828007	-1.20772	0.124274	1.38148	1.38148	0.584817	1.11307	1.11307	2.95313	1.76319	0.53072	1
cg13384409	EIF3B;EIF3B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10846728	PLEKHA2;PLEKHA2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12731773	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08539872	UNC5B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg25122590	PALLD;PALLD;PALLD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg00655498	INTS6;INTS6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg21334598	HRK	0.0710551	0.141775	3.18963	0.133953	3.02230955	7.95376	7.95376	0.162638	3.13978	0.7974858	2.1269	0.121898	3.15606	0.159606	0.250317	2.50166	2.50166	0.0540914	3.26781	5.26781	0.0018519	15.2623	15.2623	0.0728339	4.60654	4.60654	2.95209	27.2496	8.20248	1
cg02239377	FDX1	0.0710572	0.467112	0.765506	-1.30633	0.121342	1.83409	1.83409	0.876712	0.945478	-1.05767	0.888053	0.950408	-1.05218	0.386141	0.725546	-1.37827	0.131513	0.555465	-1.80029	0.0693507	2.08275	2.08275	0.0071866	3.50122	3.50122	0.491018	1.28739	1.28739	2.95295	6.0991	1.83593	1
cg10692694	AP2B1;AP2B1	0.0710606	0.957386	0.97985	-1.02056	0.881146	0.944559	-1.05869	0.191659	0.570151	-1.75392	0.0257071	0.289252	-3.4572	0.229544	1.66062	1.66062	?	?	?	0.621251	0.825798	-1.21095	0.1857	0.564708	-1.77083	0.0208369	3.76094	3.76094	4.89461	8.70575	0.88932	1
cg17844553	PRR4;PRH1	0.0710613	0.374391	0.576892	-1.73343	0.0717565	0.297336	-3.36343	0.174649	0.438488	-2.38956	0.582586	0.3978	1.9978	0.0851981	0.317208	-3.15252	0.270859	0.500746	-1.99702	0.00503976	0.106581	-3.37374	0.334709	1.82257	1.82257	0.149348	0.393449	-2.54162	2.92588	17.0241	5.12465	1
cg24502224	PEX14	0.0710616	0.655468	1.09809	1.09809	0.244613	1.28486	1.28486	0.515927	0.871751	-1.14712	0.253465	1.2821	1.2821	0.00800172	2.03027	2.03027	0.887834	1.02984	1.02984	0.0019737	1.99182	1.99182	0.208794	1.31795	1.31795	0.678275	0.9165732	0.298528	2.03043	0.611207	1
cg16173322	TXNL1;TXNL1	0.0710625	0.547561	0.871753	-1.14711	0.710862	0.913865	-1.09425	0.144106	0.681747	-1.46682	0.717699	0.915189	-1.09183	0.944751	0.983369	-1.01691	0.143697	0.682245	-1.46575	0.00198508	0.347507	-2.87764	0.370038	1.24952	1.24952	0.700457	1.09806	1.09806	2.95287	2.73862	0.824396	1
cg13098382	RNF38;RNF38;RNF38;RNF38;RNF38	0.0710629	0.541215	0.935461	-1.06899	0.812981	0.97476	-1.02589	0.00165906	1.6249	1.6249	0.405023	1.09067	1.09067	0.429386	1.09091	1.09091	0.985739	0.998074	-1.00193	0.751136	0.9662633	-1.03492	0.144566	1.18417	1.18417	0.319211	1.117744	1.11744	2.95286	0.544135	0.163799	1
cg19835571	KIAA0174	0.0710635	0.0462163	1.39765	1.39765	0.0496774	1.9865	1.9865	0.995461	1.03881	1.03881	0.253658	1.39095	1.39095	0.0263266	1.47136	1.47136	0.831008	1.069158	1.069158	0.0601973	0.7442253	-1.34321	0.0998865	1.30253	1.30253	0.1312072	1.16567	1.16567	2.95285	1.00492	0.302507	1
cg13452214	BNC2	0.0710641	0.160353	0.46838	-2.13501	0.0113288	0.192847	-3.18547	0.0136793	0.2696	-4.85202	0.809938	0.881168	-1.13486	0.838467	0.377416	2.6496	0.0576042	0.397281	2.51711	0.0311041	0.2727959	-3.66023	0.1962418	0.412128	2.42418	0.0156318	0.523365	1.17223	12.3242	3.02169	1
cg26626072	DHX34;DHX34	0.0710669	0.0183357	0.127601	-7.83694	0.0404514	5.48663	5.48663	0.205452	2.61387	2.61387	0.0757249	2.241255	-4.14499	0.617654	0.696292	-1.43618	0.35494	0.504347	-1.98276	0.452054	1.73511	1.73511	0.314488	2.11316	2.11316	0.688352	1.13644	1.13644	2.95279	24.1952	7.28357	1
cg26493247	ERCC4	0.0710671	0.578396	1.13775	1.13775	0.453683	1.74215	1.74215	0.134079	1.32003	1.32003	0.0630892	1.06562	1.06562	0.0031857	1.35393	1.35393	0.524972	0.828929	-1.20638	0.817533	0.9062	-1.10356	0.815443	0.93779	-1.07208	0.675643	0.884666	-1.13057	0.82279	3.96604	1.19391	1
cg19220058	CBLN2	0.0710673	0.900903	0.987818	-1.01233	0.00610556	1.42224	1.42224	0.0524089	1.24239	1.24239	0.897437	1.01277	1.01277	0.666231	1.04362	1.04362	0.142442	1.16782	1.16782	0.334447	1.1029	1.1029	0.156738	0.861542	-1.16071	0.0921729	1.20008	1.20008	2.95278	0.452734	0.136288	1
cg21337124	ZNF20	0.0710677	0.248687	0.84051	-1.18975	0.523057	1.09715	1.09715	0.326116	0.86408	-1.1573	0.0284816	1.45138	1.45138	0.269984	1.18	1.18	0.293554	1.16918	1.16918	0.0244794	0.6795645	-1.47135	0.659617	1.06595	1.06595	0.0909606	1.30774	1.30774	2.95278	0.970971	0.292296	1
cg16188545	PEAR1	0.0710704	0.0607535	5.81157	5.81157	0.0737969	10.5183	10.5183	0.174792	4.1688	4.1688	0.183646	3.23584	3.23584	0.11352	4.19344	4.19344	0.153753	3.56554	3.56554	0.0279979	8.67988	8.67988	0.0220237	8.93919	8.93919	0.0403465	7.18137	7.18137	2.95273	32.407	9.75578	1
cg04631163	SERGEF	0.0710712	0.821944	0.963137	-1.04024	0.834941	0.96414	-1.03719	0.22287	0.79917	-1.2513	0.366833	1.17616	1.17616	0.597087	1.09786	1.09786	0.537093	0.896384	-1.11559	0.00187253	1.62606	1.62606	0.905352	1.02104	1.02104	0.604413	0.912586	-1.09579	2.95272	1.43255	0.431257	1
cg10466221	CLN3;CLN3	0.0710721	0.0164054	1.795417	1.25717	0.0648457	0.996507	-1.00345	0.444475	0.960272	1.30972	0.120864	0.847584	-1.17982	0.408214	1.08672	1.08672	0.589848	0.947906	-1.05496	0.0421793	0.7944487	-1.25873	0.0873564	1.20387	1.20387	0.199043	1.04149	1.04149	2.95272	0.664256	0.201742	1
cg26453169	GAPT	0.0710722	0.450362	0.77195	-1.29542	0.0221109	0.397139	-2.51801	0.0122115	0.349659	-2.85993	0.155772	0.599838	-1.66712	0.0150714	0.365939	-2.73269	0.908006	1.03967	1.03967	0.900156	0.9586838	-1.04315	0.287429	0.689553	-1.45021	0.112807	0.559409	-1.7876	0.2927	5.2963	1.59441	1
cg26377790	PPM1L	0.0710758	0.0509502	0.634832	-1.57632	0.443324	1.15619	1.15619	0.859604	0.975302	-1.02532	0.0849123	0.764071	-1.30859	0.764227	1.04239	1.04239	0.951894	0.991534	-1.00855	0.9412529	1.39456	1.39456	0.475069	1.10805	1.10805	0.216358	1.20173	1.20173	2.95264	0.910954	0.280895	1
cg02737759	THAP2;THAP2;ZFC3H1	0.0710759	0.697392	0.962314	-1.03856	0.783712	1.02742	1.02742	0.320972	1.30972	1.30972	0.120864	0.847584	-1.17982	0.408214	1.08672	1.08672	0.589848	0.947906	-1.05496	0.0421793	0.7944487	-1.25873	0.0873564	1.20387	1.20387	0.199043	1.04149	1.04149	2.95264	0.451933	0.136054	1
cg00728503	CPE	0.0710766	0.0340341	0.414941	-2.40998	0.206404	1.60611	1.60611	0.0844044	1.97128	1.97128	0.0953993	0.521348	-1.91811	0.0469052	0.445423	-2.24506	0.469043	0.76959	-1.29939	0.239869	0.645626	-1.54889	0.737445	1.12707	1.12707	0.132101	0.561122	-1.78214	0.52663	5.91083	1.77946	1
ch.2.74716?	YPEL5;YPEL5;YPEL5;YPEL5	0.0710781	0.0535803	0.269163	-3.71475	0.0234107	0.0439	-22.7756	0.0139	0.436547	-2.90222	0.111212	0.390697	-2.60256	0.177306	0.564177	-1.77158	0.87142	0.912862	-1.09546	0.8183385	0.199659	-5.00777	0.335284	1.07545	1.07545	0.742458	0.882541	-1.13309	2.9526	14.8138	4.45975	1
cg04171308	PTPN11;PTPN11	0.0710784	0.0550711	0.787171	-1.27037	0.0514499	1.27184	1.27184	0.0341765	1.31249	1.31249	0.865185	1.01887	1.01887	0.72387	1.0398	1.0398	0.231324	1.14813	1.14813	0.888823	0.984728	-1.01551	0.666457	0.953411	-1.04887	0.0246213	1.34242	1.34242	2.9526	0.566073	0.170418	1
cg02244303	MCM3	0.0710788	0.0119885	0.649558	-1.53907	0.132796	0.587874	-1.70145	0.0204612	0.578559	-1.72904	0.0743156	0.470432	-2.12548	0.0237169	0.422195	-2.36911	0.0577769	0.721897	-1.38527	0.0377352	0.17217	-5.80821	0.0613798	0.553408	-1.80726	0.0114775	0.533045	-1.87526	0.52335	0.58823	4.00802	1
cg01488306	F13B PODNL1;PODNL1;DCAF15;PODNL1;POD	0.0710804	0.439305	0.876353	-1.14109	0.725513	1.06076	1.06076	0.00720673	0.559711	-1.78664	0.748756	1.05524	1.05524	0.0252908	0.640798	1.56055	0.433203	0.874743	-1.14319	0.715544	0.940596	-1.06316	0.291767	1.20087	1.20087	0.0600778	0.701235	-1.42606	0.92256	1.30934	0.394185	1
cg01453058	NL1	0.0710828	0.8176	1.08649	1.08649	0.00345097	0.416167	0.416167	0.0679523	2.08353	2.08353	0.184544	1.21955	1.21955	0.245825	0.646727	-1.54625	0.944255	0.975204	-1.02543	0.314246	0.6883158	-1.45273	0.55039	0.804971	-1.24228	0.0038395	0.957555	-1.04433	2.95252	0.62887	1.81506	1
cg27042091	SBDS;TYW1	0.0710847	0.394728	0.841267	-1.18868	0.087196	1.45423	1.45423	0.00322072	2.21904	2.21904	0.713545	0.929499	-1.07585	0.484767	0.868681	-1.15117	0.401266	0.843365	-1.18573	0.404494	0.844395	-1.18428	0.779652	0.945903	-1.05739	0.782699	1.05635	1.05635	2.95249	1.83857	0.553527	1
cg19105491	IQCB1;IQCB1;EAF2;IQCB1;IQCB1	0.0710861	0.533802	0.69262	-1.44398	0.333933	0.974257	-1.02611	0.0837	0.8896	-1.12404	0.205456	0.850731	-1.17586	0.0122868	0.814311	-1.22811	0.905447	0.955403	-1.04672	0.607045	0.97046	-1.03046	0.469384	0.954318	-1.0478	0.604643	0.953472	1.04872	0.85886	4.78353	1
cg27268574	FCHO1;FCHO1	0.0710872	0.0485595	0.209402	-4.7755	0.157221	0.350065	-2.85661	0.390307	0.542908	-1.84193	0.514021	0.631786	-1.58281	0.0325457	0.176203	-5.67526	0.0500166	0.212087	-4.71506	0.0076636	0.0927161	-10.7856	0.0479745	0.208312	-4.8005	0.154954	0.347775	-2.87542	2.92545	22.5147	6.77846	1
cg20108119	NDUFS7	0.0710881	0.956285	0.992999	-1.00705	0.00739438	1.55627	1.55627	0.0249522	0.710386	-1.40769	0.775017	1.03741	1.03741	0.758106	0.957904	-1.04395	0.965023	0.994396	-1.00564	0.689338	1.05285	1.05285	0.107251	0.798261	-1.25272	0.862621	0.978047	-1.02245	0.92244	0.768057	0.231239	1
cg16005224	SLC5A8	0.0710886	0.0298173	0.579	-1.72711	0.0885336	0.997492	-1.00251	0.0179455	0.7191	-1.39051	0.183455	0.705955	-1.41677	0.0155917	0.599127	-1.66903	0.270035	0.562066	-1.77915	0.0133877	0.20811	-4.80514	0.111664	1.2623	1.2623	0.931222	0.95762	-1.04426	2.95243	11.7677	3.54289	1
cg14446430	ZNF732	0.0710909	0.183578	0.462537	-2.16199	0.385297	0.614825	-1.62648	0.170731	0.450597	-2.21928	0.68147	1.253	1.253	0.00274265	0.104446	-9.57408	0.265011	0.530026	-1.8867	0.094393	0.366106	-2.73145	0.170163	1.22004	1.22004	0.523929	1.42327	1.42327	2.95239	13.9646	4.20439	1
cg00041564	RCVRN	0.0710910	0.0740174	0.689239	-1.45077	0.150103	0.974654	-1.03657	0.0243243	0.6538865	-1.53011	0.0833655	0.438315	-2.28166	0.0186108	0.586619	-1.70493	0.0877969	0.228227	-4.38201	0.0228327	0.1702611	-5.87277	0.0242966	0.166808	-5.99625	0.0155015	0.363035	-2.75456	0.70238	0.576586	0.821305	1
cg15174396	HLA-G	0.0710918	0.123924	3.08482	3.08482	0.0877927	3.57494	3.57494	0.0558952	4.32463	4.32463	0.662282	0.742943	-1.346	0.82857	1.15791	1.15791	0.300112	1.483847	-2.06677	0.0237544	6.20134	6.20134	0.0860301	3.60583	3.60583	0.0288922	5.70777	5.70777	2.95237	21.374	6.4352	1
cg04644883	MAML3	0.0710936	0.306093	0.825104	-1.21197	0.44602	1.15134	1.15134	0.0173252	1.69186	1.69186	0.305715	0.824972	-1.21216	0.451858	1.14919	1.14919	0.960187	0.990984	-1.0091	0.972819	1.41774	1.41774	0.468015	0.874621	-1.14335	0.0174752	1.60018	1.60018	2.95234	1.53904	0.463372	1
cg21466107	GLI3	0.0710979	0.0357727	0.2936	-3.40567	0.0204612	0.29575	-3.38124	0.0159	0.45197	-2.4922	0.459253	0.74902	-1.40052	0.191253	0.54765	-1.82603	0.0808574	0.426726	-2.34342	0.0949492	0.445563	-2.24435	0.0634209	0.954943	-1.04737	0.222772	0.573932	-1.74227	0.52297	0.93561	2.7205	1
cg07276415	DGKZ	0.0710983	0.62896	1.26844	1.26844	0.249315	1.80047	1.80047	0.248468	1.80254	1.80254	0.0322259	0.293774	-3.40397	0.553112	1.34048	1.34048	0.122255	2.26589	2.26589	?	?	?	0.53515	1.35897	1.35897	0.0239485	0.268302	-3.72715	2.99065	10.0424	3.35793	1
cg02630098	CBLL1;CBLL1;CBLL1 TMEM176B;TMEM176B;TMEM176B;T	0.0710316	0.100294	0.438017	-2.28305	0.647028	1.23492	1.23492	0.654789	1.22917	1.22917	0.00406903	0.170659	-5.85965	0.62353	1.07444	1.07444	0.0400284	0.138051	-7.24186	0.0170306	0.1483	-1.3656	0.700044	1.19421	1.19421	0.533176	1.3356	1.3356	2.95221	0.982891	0.299041	1
cg05726600	MEM176B;TMEM176A	0.0711035	0.0562191	4.12339	4.12339	0.0117757	7.85496	7.85496	0.108988	3.14306	3.14306	0.45577	1.64492	1.64492	0.114574	3.07839	3.07839	0.118219	3.03845	3.03845	0.0085485	9.02846	9.02846	0.231456	2.2758	2.2758	0.151536	2.73639	2.73639	2.95239	20.0707	6.64321	1
cg21638625	FSD1;TMEM32;TMEM32	0.0711042	0.262175	0.558633	-1.79008	0.134675	0.454085	-2.20223	0.111856	0.43185	-2.30513	0.0763646	0.374627	-2.66947	0.0977248	0.156948	-6.37155	0.28903	0.57804	-1.72999	0.0594859	0.3446767	-2.88454	0.0453025	0.318448	-3.14023	0.0563059	0.341578	-2.92759	2.95217	11.5965	3.49167	1
cg20126804	DNER	0.0711043	0.915611	0.970848	-1.03003	0.263107	0.47926	-2.08655	0.905975	1.03353	1.03353	0.36131	0.987381	-1.01278	0.0073047	0.380777	-2.62621	0.654913	0.881995	-1.13379	0.0164003	0.0440985	-2.26765	0.378284	0.776996	-1.28701	0.948801	0.982235	-1.01809	2.95216	3.64278	1.09683	1
cg07302934	GUSZ	0.0711050	0.0918201	0.556402	-1.79736	0.0443127	0.184295	-5.42655	0.0183	0.527264	1.89625	0.0322542	0.168251	-5.94249	0.0134757	0.242355	-4.12313	0.0606854	0.497902	-2.00853	0.0183509	0.1242663	-8.04828	0.0094905	0.422992	0.757	-1.321	-2.06095	0.481655	0.0025	0.0025	0.0025	0.0025	0.0025	2.95205	0.4429	0.0025	1
cg27513586	SNORD115-48;HBII-52-46 CD1C1;CD1C1;CD1C1;CD1C1;CD1C1;ST	0.0711066	0.122377	0.604876	-1.65323	0.0138325	0.49304	2.49304	0.519325	0.821884	-1.21672	0.217048	1.477	1.477	0.265621	0.705857	1.41672	0.188796	0.658309	-1.51904	0.613414	0.85815	-1.1653	0.0610936	1.88471	1.88471	0.582336	0.846375	-1.18151	2.95213	0.21592	1.26942	1
cg07741182	XBP4	0.0711068	0.994279	0.98864	-1.00136	0.397642	1.1787	1.1787	0.586411	1.10992	1.10992	0.359466	1.19586	1.19586	0.449743	0.863975	1.15744	0.307705	1.22194	1.22194	0.0099447	0.538991	-1.85532	0.150514	0.749085	-1.33496	0.0365424	1.58608	1.58608	2.95212	1.6849	0.507326	1
cg07867665	EPC1	0.0711074	0.427094	0.896228	-1.11579	0.216984	1.19186	1.19186	0.0896878	1.2876	1.2876	0.310098	0.867698	-1.15248	0.48351	1.10099	1.10099	0.714455	1.0509	1.0509	0.00564674	0.612181	-1.6335	0.704046	0.949741	-1.05292	0.235631	1.18286	1.18286	2.95211	0.853555	0.257007	1
cg04831174	KNCN	0.0711075	0.217122	1.34553	1.34553	0.985336	0.997492	-1.00251	0.0179455	0.7191	-1.39051	0.183455	0.705955	-1.41677	0.0155917	0.599127	-1.66903	0.270035	0.562066	-1.77915	0.0133877	0.20811	-4.80514	0.111664	1.2623	1.2623	0.931222	0.95762	-1.04426	2.95243	11.7677	3.54289	1
cg26965547	TRIM65	0.0711076	0.113067	0.383229	-2.6094	0.080957	0.340897	-2.93344	0.171042	0.444589	-2.24927	0.66712	0.78612	-1.27207	0.0139577	0.184768	5.4122	0.0578152	0.295867	-3.3799	0.0692561	0.32291	-3.09683	0.0104057	0.166252	-6.01497	0.331575	0.572854	-1.74565	2.95211	14.4612	4.35431	1
cg01691377	SEC11A	0.0711077	0.792637	0.928863	-1.07658	0.0237974	0.469653	-2.12923	0.0105065	0.465747	-2.14929	0.0113394	0.423692	-2.36021	0.171979	0.665442	1.50376	0.365264	0.722707	-1.38397	0.0629667	0.1756403	-5.69388	0.0158455	0.1972	0.1972	0.985201	1.00521	0.191047	0.968555	-1.03217	0.615266	0.873774	-1.14466	2.95211	3.66916	1.1049	1
cg08237408	ADK;ADK	0.0711104	0.0971382	0.315534	-3.22923	0.0189193	0.851628	-1.17422	0.0205757	0.727544	-1.37449	0.111119	0.57225	-1.74749	0.0116459	0.506157	-1.97589	0.206166	0.185972	-5.3715	0.0136317	0.0983937	-10.1633	0.0155457	0.180492	-5.54026	0.0091363	0.170188	-5.87491	2.95207	0.600589	0.180872	1
cg01058932	PFKFB1	0.0711113	0.0732542	2.33712	-4.27878	0.0422714	0.182244	-5.48715	0.242815	0.414685	-2.41285	0.0766351	0.614306	-1.62761	0.0313147	0.370737	1.83707	0.376695	1.9351	1.9351	0.793505	0.2007507	0.113853	-7.58422	0.0534822	0.202684	-4.93378	0.25205	0.24766	7.45565	1
cg00705518	ADAP1	0.0711124	0.028215	0.606825	-1.64825	0.0127897	0.24297	-4.11597	0.0705706	0.558035	-1.79128	0.0270088	0.328528	-3.04268	0.0117082	0.2325	-4.30108	0.0628659	0.188744	-5.29867	0.0170588	0.1126513	-8.87628	0.0094502	0.165	0.1965	0.0050829	0.1105	0.0065	2.95205	0.2242	0.0065	0.0065	0.0065	0.0065	2.95205	0.2242	0.0065	1
cg06519044	SLC38A10;SLC38A10	0.0711135	0.383233	0.819781	-1.21984	0.663546	1.10217	1.10217	0.663905	1.10204	1.10204	0.451373	1.18594	1.18594	0.0156577	0.517648	-1.93181	0.982185	0.99505	-1.00497	0.0801758	1.53941	1.53941	0.523971	1.15433	1.15433	0.0189558	0.533818	-1.88034	2.95201	2.30923	0.695339	1
cg13211287	TSTA3	0.0711137	0.895503	0.974472	-1.02937	0.666237	1.10029	1.10029	0.40589	1.28597	1.28597	0.594647	0.880019	-1.12484	0.449792	1.19068	1.19068	0.125662	0.77037	-1.29808	0.0030952	0.4488864	-2.4458	0.0414373	1.40727	1.40727	0.152325	1.15234	1.15234	2.95201	1.62803	0.682834	1
cg13165422	ICK;ICK	0.0711153	0.305269	1.18433	1.18432	0.193694	1.24502	1.24502	0.197094	1.24722	1.24722	0.414773	0.875603	-1.14207	0.342122	1.1688	1.1688	0.147932	1.28064	1.28064	0.0200414	0.640588	-1.56106	0.987677	1.00246	1.00246	0.0388796	1.683161	1.46378	2.95198	1.87225	0.357499	1
cg10488141	SUFU	0.0711195	0.0316519	3.3954	-2.52909	0.127763	0.555541	-1.80005	0.127347	1.80146	1.80146	?	?	?	0.151309	1.72814	1.72814	0.380799	1.36987	1.36987	0.132473	1.78444	1.78444	?	?	?	0.228031	1.56317	1.56317	2.95189	5.03735	1.21009	1
cg02504736	MYO5C	0.0711202	0.1549384	0.604404	-1.65421	0.0176516	0.409483	-2.44153	0.0127654	0.4604	-2.17316	0.0490483	0.316964	-3.15477	0.0146273	0.181696	-5.50237	0.0757045	0.804807	-1.24256	0.0220661	0.40673	-2.45864	0.0434242	0.446505	-2.24026	0.0259159	0.502207	-1.99133	0.76707	0.5167	0.51167	1
cg06141951	PRKACA	0.0711213	0.7336	0.953671	-1.04858	0.0377247	1.7228	1.7228	0.149496	0.807084	-1.23903	0.613003	0.850498	-1.15778	0.777455	0.961417	-1.04013	0.487035	0.906596	-1.10303	0.67824	0.943714	-1.05964	0.379184	0.882253	-1.13146	0.167689	0.8153	-1.22654	0.95188	2.90146	0.271455	1
cg22578431	CCND3;TAF8;CCND3 TOM1L2;LRRC48;LRRC48;TOM1L2;LRRC	0.0711245	0.257872	1.28981	1.28981	0.222724	1.31809	1.31809	0.141069	0.710913	-1.40664	0.267039	1.28305	1.28305	0.0259137	1.76825	1.76825	0.565872	1.13326	1.13326	0.0100916	2.01318	2.01318	0.162001	1.37967	1.37967	0.101724	1.47133	1.47133	2.95183	2.17208	0.654082	1
cg04117782	ALLRC48	0.0711268	0.124214	0.75552	-1.32359	0.913012	1.01857	1.01857	0.370993	1.16731	1.16731	0.00951689	0.575133	-1.73873	0.0161111	0.609022	-1.64198	0.41219	1.15166	1.15166	0.992202	0.9983556	-1.00165	0.280782	0.827951	-1.2078	0.8003997	1.04359	1.04359	2.95179	1.32503	0.399284	1
cg09387152	ARPC1B	0.0711285	0.0211865	0.413423	-2.41972	0.145427	0.215339	-4.64479	0.0174994	0.5	-2.0	0.0422123	0.26301	-3.80242	0.0122123	0.191033	-5.23535	0.0703675	0.397375	-2.51655	0.0190373	0.0973035	-10.2753	0.0155095	0.191666	-5.21929	0.0128054	0.332205	-3.00994	0.0796461	1.1038	0.3158	0.4708572	0.58474	2.95167	0.39612	1
cg03395993	PRKCZ;PRKCZ;PRKCZ	0.0711298	0.293517	0.842924	-1.18635	0.020184	0.55169	1.55169	0.105346	1.31981	1.31981	0.901601	0.01959	0.509296	0.900339	0.11069	9.0355	0.027283	0.663891	-1.50627	0.189277	1.24368	1.24368	0.76222	0.953526	-1.04874	0.334488	0.855479	-1.16894	0.95174	1.14969	0.346219	1
cg03185221	DDX24	0.0711303	0.0625269	0.741421	-1.34857	0.0279564	0.364143	2.7457	0.0107	0.36598	-2.73748	0.734847	0.716951	1.39551	0.0879295	0.411173	-2.4289	0.111385	0.442293	-2.26044	0.0170954	0.0749944	0.321885	-3.1067	0.0139	0.136119	0.156771	0.446021	-2.24205	0.95174	0.3093	3.12593	1
cg03424427	TMEM97	0.0711308	0.0053546	0.300662	-3.32599	0.0503447	0.481477	-2.07694	0.640313	0.857111	-1.16671	0.703736	1.13335	1.13335	0.0190385	1.39549	1.39549	0.829319	0.93171	-1.0733	0.145929	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01080410	ZNF225	0.071224	0.617135	0.907449	-1.10199	0.0260773	1.66326	1.66326	0.0193982	1.72403	1.72403	0.369738	0.837365	-1.19422	0.676082	1.08433	1.08433	0.837836	1.04028	1.04028	0.032666	0.617758	-1.61876	0.762545	1.06013	1.06013	0.767463	0.944465	-1.0588	2.95016	1.7348	0.522698	1
cg26492514	SLIT3	0.0712255	0.463367	0.909161	-1.09991	0.990049	0.99841	-1.00159	0.105777	1.25286	1.25286	0.524257	0.920963	-1.08582	0.175636	0.832155	-1.2017	0.432549	0.902858	-1.10759	0.00760925	0.645404	-1.54942	0.0614904	1.30835	1.30835	0.979625	0.996747	-1.00326	2.95014	0.760578	0.229165	1
cg26804336	PIK3R1	0.0712297	0.12607	0.586774	-1.70423	0.034343	2.2146	2.2146	0.253649	1.4681	1.4681	0.121723	1.71659	1.71659	0.052395	0.491384	-2.03507	0.450135	1.28127	1.28127	0.575388	0.833371	-1.19995	0.0621904	1.96645	1.96645	0.971724	1.01148	1.01148	2.95007	4.84701	1.46046	1
cg02852597	TBCC	0.0712306	0.524271	0.945285	-1.05788	0.152902	1.1428	1.1428	0.178171	1.13286	1.13286	0.156865	1.14114	1.14114	0.292651	1.09987	1.09987	0.0121374	1.31338	1.31338	0.919128	0.991184	-1.00889	0.0296978	1.25	1.25	0.021705	1.27162	1.27162	2.95005	0.355235	0.107037	1
cg15049274	GDAP2;GDAP2;GDAP2;GDAP2;WDR3	0.0712308	0.689435	0.944233	-1.05906	0.0693207	1.33678	1.33678	0.0165649	1.51908	1.51908	0.0919736	1.30342	1.30342	0.392232	1.13339	1.13339	0.24137	1.19147	1.19147	0.170745	0.811905	-1.23167	0.331849	1.15375	1.15375	0.0247625	1.46494	1.46494	2.95005	0.953409	0.287275	1
cg27452691	SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1	0.0712309	0.188053	0.660036	-1.51507	0.184213	1.52126	1.52126	0.797013	0.926102	-1.07979	0.0594513	0.530644	-1.8845	0.25184	1.42838	1.42838	0.616576	0.860399	-1.16225	0.0118908	2.54748	2.54748	0.114651	1.66699	1.66699	0.716873	1.11457	1.11457	2.95005	4.14471	1.24886	1
cg01121840	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.071231	0.856143	0.971143	-1.02971	0.00842825	1.72093	1.72093	0.603045	0.918829	-1.08834	0.972569	0.994467	-1.00556	0.311204	0.844458	-1.18419	0.576063	0.91288	-1.09543	0.0134631	1.63833	1.63833	0.210448	1.2373	1.2373	0.678151	1.06966	1.06966	2.95005	1.21646	0.366536	1
cg03723506	LIFR;LIFR	0.0712312	0.27223	0.822227	-1.21621	0.168049	1.28611	1.28611	0.041328	1.49641	1.49641	0.0920212	0.727846	-1.37392	0.10987	1.34783	1.34783	0.186043	1.27142	1.27142	0.020886	1.60985	1.60985	0.503933	1.12317	1.12317	0.49819	1.12499	1.12499	2.95004	1.37059	0.412977	1
cg11317377	KIAA1024	0.0712332	0.382742	1.63412	1.63412	0.0144315	5.22856	5.22856	0.027968	4.15628	4.15628	0.487927	1.47199	1.47199	0.304159	1.79296	1.79296	0.0578681	3.24286	3.24286	0.00976373	6.00658	6.00658	0.158511	2.28644	2.28644	0.680962	1.2546	1.2546	2.95001	14.0637	4.23764	1
cg01634964	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0712352	0.232375	0.720589	-1.38775	0.0653552	1.71814	1.71814	0.220557	1.40071	1.40071	0.146259	1.5039	1.5039	0.0132057	0.447645	-2.23391	0.832239	1.05707	1.05707	0.175333	0.685854	-1.45804	0.332452	0.76982	-1.29901	0.666583	0.892784	-1.12009	2.94998	3.19841	0.963747	1
cg13465955	LRRC8E	0.0712372	0.0313809	16.4068	16.4068	0.07345	9.13095	9.13095	0.0837818	8.33526	8.33526	0.729689	1.46871	1.46871	0.128228	6.18494	6.18494	0.12326	6.36065	6.36065	0.0114012	33.4235	33.4235	0.0671403	9.71542	9.71542	0.0334223	15.7079	15.7079	2.94994	57.3703	17.287	1
cg07271561	HYAL2;HYAL2	0.0712377	0.00682821	0.501562	-1.99377	0.577297	1.11725	1.11725	0.977058	1.00568	1.00568	0.444641	1.16585	1.16585	0.111694	0.710968	-1.40653	0.136355	0.729042	-1.37166	0.0709061	0.6721	-1.48787	0.063323	0.662842	-1.50866	0.192648	0.762221	-1.31196	2.94994	1.81164	0.545892	1
cg13516362	KANK2	0.071239	0.519732	1.58809	1.58809	0.0435334	5.18153	5.18153	0.620501	1.42442	1.42442	0.906442	0.920046	-1.0869	0.0127725	0.111634	-8.95784	0.483319	0.603548	-1.65687	0.0340297	0.173142	-5.7756	0.353286	0.508169	-1.96785	0.539776	0.644049	-1.55268	2.94991	23.4701	7.07219	1
cg04547433	TMC7;TMC7	0.0712397	0.552933	0.690347	-1.44855	0.841922	1.13119	1.13119	0.206868	0.439644	-2.27457	0.0633339	3.62951	3.62951	0.580095	1.41196	1.41196	0.0811954	3.29839	3.29839	0.0287437	4.91559	4.91559	0.0330973	4.65567	4.65567	0.0569551	3.78044	3.78044	2.9499	17.8048	5.36509	1
cg10270238	MIR543	0.0712404	0.511707	0.882492	-1.13315	0.0713896	1.45967	1.45967	0.285983	0.812101	-1.23137	0.146824	0.746419	-1.33973	0.0992157	1.40419	1.40419	0.846097	0.964158	-1.03717	0.430175	0.859634	-1.16329	0.540012	1.12359	1.12359	0.0101743	0.544044	-1.83809	2.94989	1.64822	0.496658	1
cg21272454	ATF6B;ATF6B	0.0712406	0.605322	1.07847	1.07847	0.403752	1.1318	1.1318	0.266557	0.845564	-1.18264	0.122691	0.784759	-1.27428	0.0188086	1.51053	1.51053	0.0686563	1.34357	1.34357	0.158793	0.803909	-1.24392	0.172181	1.2344	1.2344	0.18905	1.2234	1.2234	2.94989	0.981133	0.295645	1
cg21729356	CTTN;CTTN	0.0712417	0.21874	1.63728	1.63728	0.740901	0.881195	-1.13482	0.0234618	0.356407	-2.80578	0.72698	1.14294	1.14294	0.427781	0.734484	-1.3615	0.246884	1.58646	1.58646	0.0895851	2.04082	2.04082	0.0334022	2.57916	2.57916	0.121186	1.89743	1.89743	2.94987	6.78721	2.0452	1
cg17034508	TLX1NB	0.0712431	0.295394	0.586313	-1.70557	0.164094	2.07619	2.07619	0.936624	0.961627	-1.0399	0.490086	0.708257	-1.41192	0.0939357	0.404055	-2.47491	0.291636	0.58369	-1.71324	0.00384801	0.14712	-6.79715	0.121035	0.437265	-2.28694	0.20397	0.517031	-1.93412	2.94984	11.3104	3.4082	1
cg01975858	EPS8	0.0712432	0.0420774	0.25985	-3.84837	0.142084	0.403273	-2.47971	0.0895244	0.340577	-2.93619	0.109832	0.366816	-2.72616	0.0134198	0.171773	-5.82164	0.201539	0.460233	-2.17281	0.021274	0.203342	-4.91783	0.192482	0.452172	-2.21155	0.0305287	0.231645	-4.31696	2.94984	15.4669	4.6607	1
cg13810234	SNHG7;SNORA17;SNHG7;SNHG7	0.0712435	0.849268	1.02411	1.02411	0.373178	1.12126	1.12126	0.325315	1.1356	1.1356	0.192916	0.841547	-1.18829	0.084149	1.27027	1.27027	0.168126	0.832024	-1.20189	0.974384	1.00403	1.00403	0.108308	1.24524	1.24524	0.00714014	1.54493	1.54493	2.94984	0.732293	0.220665	1
cg26848184	PIK3R2	0.0712438	0.789236	0.934976	-1.06955	0.493425	0.839839	-1.19071	0.0286444	0.523149	-1.9115	0.232904	0.730584	-1.36877	0.0100401	0.442419	-2.2603	0.0329222	0.534678	-1.87029	0.0453539	0.562085	-1.77909	0.58613	1.14794	1.14794	0.779576	0.93201	-1.07295	2.94983	2.94232	0.886626	1
cg17040303	SIM2;SIM2	0.0712442	0.403946	0.6853	-1.45921	0.28737	0.613355	-1.63038	0.27212	0.603007	-1.65835	0.478818	1.37519	1.37519	0.689228	1.19468	1.19468	0.216473	0.562418	-1.77804	0.00207255	0.146788	-6.81256	0.943891	0.969334	-1.03164	0.116309	0.469932	-2.12797	2.94983	9.14761	2.7565	1
cg12662084	KIF13A;KIF13A;KIF13A;KIF13A	0.0712448	0.0973506	0.62023	-1.6123	0.0838665	1.65245	1.65245	0.666666	0.892458	-1.1205	0.0887881	0.610871	-1.63701	0.0255544	0.498278	-2.00691	0.515563	1.18899	1.18899	0.162168	0.675802	-1.47972	0.602101	1.14811	1.14811	0.0536049	0.562434	-1.77799	2.94982	3.2206	0.970486	1
cg14265927	QSOX2	0.0712454	0.826935	1.07374	1.07374	0.0741547	0.523822	-1.90904	0.311711	1.40505	1.40505	0.544854	0.819443	-1.22034	0.838513	1.06856	1.06856	0.255284	1.47097	1.47097	0.00353735	0.276714	-3.61384	0.428758	0.769127	-1.30018	0.637664	1.16666	1.16666	2.94981	4.93285	1.48646	1
cg26651950	LGALS2	0.0712467	0.00838523	0.200205	-4.99489	0.341876	0.626428	-1.59635	0.0384423	0.318088	-3.14378	0.258999	0.569821	-1.75494	0.59432	0.773576	-1.2927	0.565944	1.31934	1.31934	0.0187937	0.256772	-3.89451	0.721373	0.842803	-1.18652	0.0913404	0.411467	-2.43033	2.94979	10.6561	3.21111	1
cg03379552	CRTAC1	0.0712488	0.0122066	0.38407	-2.60369	0.834962	0.938069	-1.06602	0.602799	0.851388	-1.17455	0.0959839	1.75109	1.75109	0.0724317	0.541023	-1.84835	0.0501059	0.50433	-1.98283	0.166574	0.636366	-1.57142	0.343911	0.741727	-1.3482	0.496207	1.23581	1.23581	2.94975	4.3872	1.32206	1
cg21736108	SEPW1	0.0712489	0.842399	1.0788	1.0788	0.880614	0.944344	-1.05894	0.280544	0.652211	-1.53324	0.706683	1.15494	1.15494	0.636004	1.19921	1.19921	0.720033	0.871854	-1.14698	0.0130848	0.309516	-3.23085	0.0212375	2.87265	2.87265	0.0882865	2.04749	2.04749	2.94975	6.78248	2.04386	1
cg07361448	JMJD5;JMJD5	0.0712496	0.865483	0.942858	-1.0606	0.590862	0.828335	-1.20724	0.48145	1.28187	1.28187	0.572859	1.21863	1.21863	0.625683	1.18603	1.18603	0.00517851	0.27781	-3.59958	0.0172074	0.365188	-2.73831	0.216777	0.636972	-1.56993	0.865148	0.942719	-1.06076	2.94974	5.62645	1.6955	1
cg23176538	AKT1;AKT1;AKT1	0.0712518	0.100693	0.538735	-1.8562	0.00757009	0.306713	-3.26038	0.0882592	0.523578	-1.90994	0.805965	0.918821	-1.08835	0.0935727	0.530237	-1.88595	0.910275	1.03954	1.03954	0.28787	1.4617	1.4617	0.230828	1.54098	1.54098	0.367134	0.727085	-1.37536	2.9497	5.52872	1.66607	1
cg00848397	DHRS11	0.0712531	0.40052	0.885036	-1.1299	0.277425	0.851886	-1.17387	0.882386	0.97921	-1.02123	0.247662	1.18712	1.18712	0.342755	0.870475	-1.1488	0.223965	1.19878	1.19878	0.390248	1.13308	1.13308	0.164987	1.23393	1.23393	0.00386594	1.73728	1.73728	2.94968	0.940888	0.283538	1
cg03752628	PTGFRN	0.0712533	0.0648243	0.453701	-2.20409	0.124272	0.530298	-1.88573	0.750723	0.88562	-1.12915	0.612514	0.823119	-1.21489	0.0317638	0.383155	-2.60991	0.968967	0.985283	-1.01494	0.00663422	0.261106	-3.82986	0.035401	0.393145	-2.54359	0.192826	0.591399	-1.6909	2.94968	6.7854	2.04479	1
cg03286467	MKL1	0.0712548	0.649115	1.13905	1.13905	0.652519	0.879126	-1.13749	0.541991	0.839078	-1.19178	0.010237	0.398514	-2.50932	0.004747	0.34442	-2.90343	0.713348	0.90044	-1.11057	0.17449	0.663291	-1.50763	0.941105	1.02122	1.02122	0.657565	0.880909	-1.13519	2.94965	3.77397	1.1373	1
cg18092353	VASH1	0.0712585	0.0392882	0.548848	-1.822	0.248034	1.35499	1.35499	0.0757406	1.64422	1.64422	0.753066	0.923675	-1.08263	0.110144	1.54965	1.54965	0.887135	1.03637	1.03637	0.0190324	2.0424	2.0424	0.163536	1.45364	1.45364	0.252875	1.35044	1.35044	2.94959	2.95636	0.890928	1
cg19455189	ITM2C;ITM2C;ITM2C	0.0712646	0.793757	1.0656	1.0656	0.718512	0.915959	-1.09175	0.00982443	0.453157	-2.20674	0.222166	0.732601	-1.365	0.143333	0.682902	-1.46434	0.308859	1.291	1.291	0.89912	0.969709	-1.03124	0.0305753	1.85192	1.85192	0.665556	1.11123	1.11123	2.94949	2.74745	0.828002	1
cg12300957	FIBP;FIBP	0.0712648	0.184681	0.484191	-2.0653	0.626258	1.28789	1.28789	0.178625	0.478717	-2.08892	0.686687	0.811367	-1.23249	0.00836931	0.17609	-5.6789	0.0828941	0.371611	-2.69099	0.00932348	0.182656	-5.47476	0.561664	0.738962	-1.35325	0.305179	0.578471	-1.7287	2.94948	12.414	3.74122	1
cg11269103	ZNF215	0.0712653	0.0720872	0.34809	-2.87282	0.8198	0.886971	-1.12743	0.68944	0.809648	-1.2351	0.906978	0.940403	-1.06337	0.00224159	0.105465	-9.48183	0.392235	1.58527	1.58527	0.413994	1.55111	1.55111	0.869839	0.917405	-1.09003	0.475752	0.683036	-1.46405	2.94948	12.9079	3.89007	1
cg14089045	CCDC88C	0.0712674	0.0278087	0.410791	-2.43433	0.174638	0.610167	-1.6389	0.232995	0.651879	-1.53403	0.0896538	1.89687	1.89687	0.0688599	0.498244	-2.00705	0.788435	1.09639	1.09639	0.0175178	0.371844	-2.6893	0.759387	0.900222	-1.11084	0.637193	0.849977	-1.1765	2.94944	5.46868	1.64813	1
cg12053291	SCARB1;SCARB1	0.0712674	0.0218096	0.350306	-2.85465	0.0197882	0.342207	-2.92221	0.00990304	0.288893	-3.46149	0.149739	0.55516	-1.80128	0.0925166	0.493874	-2.02481	0.233665	0.621386	-1.60931	0.306218	0.667857	-1.49733	0.155888	0.56072	-1.78342	0.101799	0.505346	-1.97884	2.94944	6.78302	2.04424	1
cg04376820	RFPL2;RFPL2;RFPL2;RFPL2	0.0712705	0.103335	0.416489	-2.40103	0.573991	0.756342	-1.32215	0.0390438	0.309021	-3.23602	0.103223	0.416348	-2.40183	0.0157555	0.233484	-4.28294	0.300301	0.58997	-1.695	0.680992	0.816093	-1.22535	0.00695884	0.17969	-5.56513	0.265334	0.56514	-1.76947	2.94939	11.2902	3.40264	1
cg16435062	RASGEF1C	0.0712706	0.225187	0.651864	-1.53406	0.278484	1.46016	1.46016	0.799778	0.918166	-1.08913	0.0285758	2.38158	2.38158	0.0299986	0.424192	-2.35742	0.270403	1.47035	1.47035	0.323757	1.40827	1.40827	0.238305	1.51426	1.51426	0.0793954	1.92348	1.92348	2.94939	5.27136	1.58869	1
cg11679268	LY6G5C	0.071272	0.0773043	2.23006	2.23006	0.0273954	2.90284	2.90284	0.0791657	2.21656	2.21656	0.117772	2.0011	2.0011	0.0735896	2.25824	2.25824	0.31427	1.52958	1.52958	0.0127882	3.5359	3.5359	0.0241682	2.99748	2.99748	0.141949	1.90562	1.90562	2.94936	7.79025	2.34785	1
cg26056577	TNFRSF25;PLEKHG5;TNFRSF25;PLEKHG5;PLEKHG5;TNFRSF25;PLEKHG5;TNFRSF25;TNFRSF25;PLEKHG5;TN	0.0712727	0.701689	1.08409	1.08409	0.0169304	0.542752	-1.84246	0.29833	0.797592	-1.25377	0.650953	1.10026	1.10026	0.74751	1.07011	1.07011	0.637692	1.10463	1.10463	0.00823017	2.03214	2.03214	0.552952	1.13419	1.13419	0.428194	1.18493	1.18493	2.94935	2.05575	0.619572	1
cg19997196	ADAM12;ADAM12	0.0712751	0.0119349	0.146466	-6.82751	0.165211	0.403974	-2.4754	0.09515	0.325371	-3.07341	0.133267	0.370946	-2.69581	0.217149	0.451543	-2.21463	0.173478	0.411982	-2.42729	0.0121559	0.147534	-6.7781	0.807089	1.1616	1.1616	0.0524526	0.259149	-3.85879	2.94931	17.5131	5.27825	1
cg14232289	SSTR2	0.0712755	0.218646	1.58398	1.58398	0.133144	1.77882	1.77882	0.149273	0.577114	-1.73276	0.557124	1.23502	1.23502	0.486553	1.28572	1.28572	0.708613	1.14277	1.14277	0.00557101	0.274078	-3.6486	0.361704	0.716559	-1.39556	0.429171	1.3323	1.3323	2.9493	5.90272	1.77902	1
cg00345094	NME6;NME6	0.0712807	0.223504	0.782627	-1.27775	0.0382113	1.58462	1.58462	0.0229425	1.68443	1.68443	0.137208	1.35906	1.35906	0.796344	1.05081	1.05081	0.941596	1.01414	1.01414	0.0547293	0.658639	-1.51828	0.221396	1.27932	1.27932	0.754175	1.06205	1.06205	2.94922	1.71549	0.517046	1
cg16517579	CTCF	0.0712824	0.205009	0.519087	-1.92646	0.520717	0.726732	-1.37602	0.202422	1.93452	1.93452	0.937038	0.962004	-1.0395	0.00980014	0.201683	-4.95828	0.975188	1.01537	1.01537	0.0109204	0.208781	-4.7897	0.220828	0.532011	-1.87966	0.447657	0.684235	-1.46149	2.94919	11.2292	3.38451	1
cg21416022	TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23	0.071286	0.642113	0.866464	-1.15412	0.0800487	1.81262	1.81262	0.36264	1.33182	1.33182	0.991249	0.996647	-1.00336	0.776982	0.916705	-1.09086	0.665576	1.14245	1.14245	0.00794899	0.352682	-2.83541	0.110024	0.586573	-1.70482	0.0777644	0.548638	-1.82269	2.94913	4.38065	1.32036	1
cg07752409	RASGEF1C	0.0712861	0.0624883	0.281472	-3.55276	0.635394	1.33485	1.33485	0.692552	1.27163	1.27163	0.425319	1.63604	1.63604	0.0599812	0.277171	-3.60788	0.045294	0.249425	-4.00922	0.17484	2.39312	2.39312	0.170877	2.41505	2.41505	0.077512	0.305281	-3.27567	2.94913	17.0777	5.14735	1
cg17848615	CYP19A1;CYP19A1	0.0712869	0.78964	1.04574	1.04574	0.609427	1.09001	1.09001	0.833194	0.965339	-1.03591	0.0142804	0.603252	-1.65768	0.0632407	0.70509	-1.41826	0.251442	0.818393	-1.22191	0.631919	1.08407	1.08407	0.0684106	0.710883	-1.4067	0.0659934	1.41198	1.41198	2.94911	1.30674	0.393862	1
cg14345128	ONECUT2	0.0712879	0.0701154	3.00748	3.00748	0.676709	1.25141	1.25141	0.0267775	4.22252	4.22252	0.0725577	0.336503	-2.97174	?	?	?	?	?	?	0.308346	1.76196	1.76196	?	?	?	0.229863	1.97038	1.97038	3.3107	9.77217	3.44364	1
cg04251368	KCNQ1DN	0.071289	0.464295	0.679888	-1.47083	0.831957	1.11636	1.11636	0.659438	0.794746	-1.25826	0.61024	0.766208	-1.30513	0.0163055	0.218408	-4.57858	0.00763866	0.169225	-5.90928	0.566492	0.740702	-1.35007	0.0297388	0.265744	-3.76302	0.626192	1.28954	1.28954	2.94908	12.5335	3.77774	1
cg05894462	PTPRN2;PTPRN2;PTPRN2	0.0712893	0.932359	0.984502	-1.01574	0.0113267	0.557958	-1.79225	0.167631	0.76291	-1.31077	0.18804	1.29261	1.29261	0.581779	0.902709	-1.10778	0.281974	1.22841	1.22841	0.0488888	1.51257	1.51257	0.654177	1.0865	1.0865	0.235871	0.795679	-1.25679	2.94907	1.58125	0.476608	1
cg00039960	PHF23	0.0712929	0.824932	1.04734	1.04734	0.732047	1.0744	1.0744	0.448976	1.17479	1.17479	0.615104	1.11165	1.11165	0.169802	1.35705	1.35705	0.0802563	0.666877	-1.49953	0.00811332	0.492781	-2.0293	0.162995	1.36467	1.36467	0.198362	1.32818	1.32818	2.94901	2.03599	0.613687	1
cg14131526	PPP1R14A	0.0712942	0.777438	0.77609	-1.28851	0.460596	0.510701	-1.95809	0.0197061	12.4233	12.4233	0.895702	1.12448	1.12448	0.34101	0.415742	-2.40534	0.72417	0.728376	-1.37292	0.645527	0.660797	-1.51332	0.00580119	25.3423	25.3423	0.731488	0.734829	-1.36086	2.94899	37.3712	11.2645	1
cg08503002	ABCF3	0.0712965	0.0901598	0.799805	-1.25031	0.221926	1.16597	1.16597	0.00557271	1.54574	1.54574	0.285433	0.875721	-1.14192	0.498486	0.921094	-1.08567	0.404393	1.10744	1.10744	0.596594	0.938103	-1.06598	0.342522	1.12409	1.12409	0.31137	1.13347	1.13347	2.94895	0.668238	0.201424	1
cg00009421	ABCG5;ABCG8	0.0712974	0.0704482	0.449633	-2.22403	0.150261	0.543541	-1.83979	0.614074	0.817898	-1.22265	0.93661	1.03195	1.03195	0.00830496	0.263447	-3.79583	0.0791326	0.46272	-2.16113	0.0789219	0.462415	-2.16256	0.224527	0.60388	-1.65596	0.0177588	0.319945	-3.12554	2.94894	7.29945	2.20025	1
cg08457980	AFF3;AFF3	0.0712993	0.141804	0.774785	-1.29068	0.0220984	1.55789	1.55789	0.200052	1.24442	1.24442	0.154917	1.27878	1.27878	0.07532	0.726239	-1.37696	0.729468	0.945461	-1.05768	0.549902	1.10266	1.10266	0.766431	1.0493	1.0493	0.0794211	0.730136	-1.36961	2.94891	1.21875	0.367368	1
cg23633010	WNT3A	0.0713029	0.0261802	5.75978	5.75978	0.0580832	4.14419	4.14419	0.354616	1.88151	1.88151	0.0264674	5.73371	5.73371	0.796924	0.842689	-1.18668	0.723289	1.26612	1.26612	0.549741	1.49436	1.49436	0.879104	1.10631	1.10631	0.00853324	9.27788	9.27788	2.94885	20.5746	6.20193	1
cg01445479	ACOT11;ACOT11	0.0713032	0.0156955	0.519824	-1.92373	0.0365431	0.584585	-1.71062	0.719786	1.08285	1.08285	0.363845	1.22897	1.22897	0.054522	0.617585	-1.61921	0.540366	0.872015	-1.14677	0.181407	0.730912	-1.36815	0.100879	0.67234	-1.48734	0.053877	0.616577	-1.62186	2.94884	2.27982	0.68722	1
cg19032799	MIR874;KLHL3	0.0713034	0.39095	0.68874	-1.45193	0.0386945	2.76126	2.76126	0.0216091	3.22266	3.22266	0.459134	0.726326	-1.37679	0.0873006	0.448956	-2.22739	0.450351	0.721603	-1.3858	0.0949598	2.17801	2.17801	0.897451	0.94677	-1.05622	0.521773	0.759233	-1.31712	2.94884	8.40462	2.53346	1
cg00466158	ZMYND19;ZMYND19	0.0713037	0.189313	0.737433	-1.35606	0.0825249	1.52385	1.52385	0.181171	1.36474	1.36474	0.0372973	0.588917	-1.69803	0.610302	0.893519	-1.11917	0.185964	0.735521	-1.35958	0.0975367	1.48921	1.48921	0.29476	0.788184	-1.26874	0.161649	1.38733	1.38733	2.94884	2.24091	0.675494	1
cg00000108	C3orf35;C3orf35	0.0713042	0.740369	1.19359	1.19359	0.164581	2.20136	2.20136	0.129731	2.38944	2.38944	0.673095	1.25335	1.25335	0.00747051	0.159953	-6.25182	0.928489	1.04893	1.04893	0.0558307	0.315705	-3.16752	0.91324	0.943652	-1.05971	0.303764	0.56733	-1.76264	2.94883	13.2257	3.98674	1
cg27386033	ABCA13	0.0713046	0.0827835	2.23937	2.23937	0.701868	0.850944	-1.17517	0.188241	0.557049	-1.79517	0.0776196	0.439066	-2.27756	0.460061	0.72932	-1.37114	0.262227	1.63327	1.63327	0.01164	3.75596	3.75596	0.263355	1.63122	1.63122	0.654239	1.20827	1.20827	2.94882	8.22483	2.47928	1
cg02308798	C2orf67	0.0713063	0.035283	0.257742	-3.87985	0.229394	0.497845	-2.00866	0.0996723	0.36867	-2.71245	0.18528	0.459855	-2.1746	0.0483964	0.287309	-3.48058	0.111629	0.383582	-2.60701	0.0105364	0.168701	-5.92765	0.0284636	0.23934	-4.17816	0.0772224	0.337419	-2.96368	2.94879	14.2823	4.30528	1
cg19510409	NLGN1	0.0713069	0.152041	0.696387	-1.43598	0.679922	1.10278	1.10278	0.476977	0.843225	-1.18592	0.713136	1.09098	1.09098	0.00584145	0.426962	-2.34213	0.489362	0.847378	-1.18011	0.956673	0.98727	-1.01289	0.199038	1.37715	1.37715	0.0286821	0.54411	-1.83786	2.94878	2.59705	0.782862	1
cg10634317	ZNF444	0.0713082	0.368779	0.858749	-1.16449	0.014036	1.64921	1.64921	0.809843	1.04057	1.04057	0.724429	1.06013	1.06013	0.853265	1.03101	1.03101	0.418777	0.872589	-1.14601	0.0147958	1.64005	1.64005	0.109722	0.750031	-1.33328	0.894286	0.978307	-1.02217	2.94876	1.27091	0.38311	1
cg07500019	TAPBP;TAPBP;TAPBP	0.0713094	0.874594	0.982497	-1.01781	0.236598	1.14871	1.14871	0.393651	0.906933	-1.10262	0.24758	1.14471	1.14471	0.00990287	0.694681	-1.43951	0.560581	1.068	1.068	0.0378882	0.764035	-1.30884	0.303865	0.88776	-1.12643	0.249906	1.14388	1.14388	2.94874	0.583724	0.175962	1
cg08756205	TEAD1	0.0713122	0.34968	0.844322	-1.18438	0.142061	1.31977	1.31977	0.120168	1.34492	1.34492	0.0672131	0.697287	-1.43413	0.811496	0.958871	-1.04289	0.0706898	1.42623	1.42623	0.0193983	1.64358	1.64358	0.651291	1.08326	1.08326	0.401193	0.859812	-1.16305	2.94869	1.443	0.434995	1
cg07962392	DSCAM	0.071315	0.519228	0.901617	-1.10912	0.0739145	0.729257	-1.37126	0.207325	0.809964	-1.23462	0.141761	1.28455	1.28455	0.0201843	0.641428	-1.55902	0.127184	0.769925	-1.29883	0.028042	0.66278	-1.5088	0.967485	0.99356	-1.00648	0.428586	1.13666	1.13666	2.94865	1.17327	0.35369	1
cg14088161	ACTL6B	0.0713156	0.0625452	0.26242	-3.81068	0.129867	0.351926	-2.8415	0.406836	0.581818	-1.71875	0.124433	0.345833	-2.89157	0.0398978	0.219577	-4.55421	0.0955851	0.310815	-3.21735	0.0190563	0.163429	-6.11888	0.0113141	0.132061	-7.57225	0.0950194	0.310074	-3.22504	2.94864	19.0252	5.73531	1
cg15954711	HMGN3;HMGN3	0.0713159	0.705888	0.825138	-1.21192	0.00484303	0.150436	-6.64736	0.902063	0.939497	-1.0644	0.123506	2.32979	2.32979	0.310425	1.70247	1.70247	0.190606	0.495286	-2.01904	0.209453	1.95547	1.95547	0.994931	1.00323	1.00323	0.300306	0.580343	-1.72312	2.94863	12.0023	3.61819	1
cg01981762	PSD	0.071316	0.0389866	10.5978	10.5978	0.299523	2.89263	2.89263	0.106939	5.68944	5.68944	0.0835199	6.63487	6.63487	0.860287	0.840263	-1.1901	0.0558906	8.49654	8.49654	0.0138454	20.18	20.18	0.0758652	7.04087	7.04087	0.0314533	12.0939	12.0939	2.94863	45.575	13.739	1
cg09330643	LRRC20;LRRC20;LRRC20	0.071317	0.959289	0.992453	-1.0076	0.00717234	1.67397	1.67397	0.00930861	1.63171	1.63171	0.651517	0.934747	-1.06981	0.603123	0.925105	-1.08096	0.729986	1.05277	1.05277	0.497788	0.902891	-1.10755	0.71326	1.05631	1.05631	0.406768	1.13423	1.13423	2.94861	1.02864	0.310095	1
cg18430465	TRPS1	0.0713176	0.141358	0.424191	-2.35743	0.00226632	0.0986837	-10.1334	0.284282	0.54711	-1.82779	0.658734	1.27252	1.27252	0.219445	0.496493	-2.01413	0.282398	0.545718	-1.83245	0.165193	0.448136	-2.23146	0.321489	0.573872	-1.74255	0.487879	1.46539	1.46539	2.9486	13.7289	4.13873	1
ch.10.1683814F	POLR3A	0.0713183	0.0248825	0.517532	-1.93225	0.00494329	0.39917	-2.5052	0.0667591	0.602243	-1.66046	0.0505274	0.577058	-1.73293	0.726109	0.916889	-1.09064	0.41952	0.815878	-1.22567	0.160467	0.690798	-1.4476	0.47794	0.836943	-1.19482	0.819744	0.945245	-1.05793	2.94859	2.84246	0.856894	1
cg13966752	VIP;VIP	0.0713205	0.640342	1.33245	1.33245	0.0830682	0.310226	-3.22346	0.0383998	0.231476	-4.3201	0.188593	2.33885	2.33885	0.72467	0.805976	-1.24073	0.932787	0.94985	-1.0528	0.320951	0.535007	-1.86913	0.0153699	6.13726	6.13726	0.381743	1.72837	1.72837	2.94855	17.3735	5.23753	1
cg04069771	RSPH4A;RSPH4A	0.071321	0.887843	0.982195	-1.01813	0.891433	1.01754	1.01754	0.134184	1.2283	1.2283	0.186192	0.836582	-1.19534	0.026912	0.716305	-1.39605	0.0304732	1.38231	1.38231	0.324695	0.878551	-1.13824	0.348641	1.13071	1.13071	0.129161	1.23214	1.23214	2.94855	0.756914	0.228185	1
cg24850178	RBM41;RBM41	0.0713227	0.0145907	0.185355	-5.39505	0.503327	0.683462	-1.46314	0.697099	1.24506	1.24506	0.0708857	3.09813	3.09813	0.125342	0.394728	-2.53339	0.0699787	0.321327	-3.1121	0.281742	0.534276	-1.87169	0.405416	0.620654	-1.6112	0.222554	2.05088	2.05088	2.94852	14.6627	4.42036	1
cg07218081	CLEC3B	0.0713239	0.121064	0.357652	-2.79602	0.0104363	7.18562	7.18562	0.0317376	4.66399	4.66399	0.784801	0.84585	-1.18224	0.496146	0.655312	-1.52599	0.729004	1.23704	1.23704	0.492547	1.53157	1.53157	0.975117	1.01926	1.01926	0.171041	0.41005	-2.43873	2.9485	17.4691	5.26644	1
cg24110540	ELMO1	0.071324	0.301232	0.666448	-1.50049	0.117708	1.90343	1.90343	0.0702997	2.15219	2.15219	0.0115223	3.31068	3.31068	0.517838	0.780061	-1.28195	0.800434	0.908499	-1.10072	0.270191	0.647292	-1.5449	0.0772934	2.10446	2.10446	0.658179	0.844775	-1.18375	2.9485	6.70227	2.02055	1
cg24471039	RAB3GAP1	0.0713241	0.608817	0.865212	-1.15579	0.35366	1.30693	1.30693	0.0594511	1.81622	1.81622	0.249307	0.713383	-1.40177	0.162529	0.65822	-1.51925	0.0399805	0.513822	-1.9462	0.0495253	0.533347	-1.87495	0.737257	1.09905	1.09905	0.127728	1.58713	1.58713	2.94849	3.67402	1.10761	1
cg20354485	ST3GAL1;ST3GAL1	0.0713241	0.0494247	0.447361	-2.23533	0.070891	0.48484	-2.06254	0.00909625	0.304543	-3.2836	0.947333	0.97658	-1.02398	0.0216681	0.371955	-2.6885	0.186815	0.605327	-1.652	0.0638868	0.473701	-2.11104	0.829434	0.925524	-1.08047	0.272903	0.664073	-1.50586	2.94849	6.0098	1.81179	1
cg15615829	MAP2K4	0.0713258	0.112903	0.585457	-1.70807	0.0169619	0.405178	-2.46805	0.00756132	0.344337	-2.90413	0.671102	0.875882	-1.14171	0.0373407	0.472496	-2.11642	0.73292	0.899178	-1.11213	0.758674	0.908819	-1.10033	0.82304	0.932865	-1.07197	0.107486	0.579819	-1.72468	2.94847	4.49522	1.3552	1
cg04887663	URGCP;UBE2D4	0.0713267	0.128104	0.888704	-1.12523	0.0115691	1.25417	1.25417	0.609408	1.03765	1.03765	0.0353492	0.838808	-1.19217	0.721175	0.974623	-1.02604	0.837271	0.985357	-1.01486	0.149447	0.895057	-1.11725	0.20961	0.909509	-1.09949	0.986521	1.00121	1.00121	2.94845	0.240259	0.0724326	1
cg08304887	APH1B;APH1B	0.0713279	0.626394	1.19973	1.19973	0.83179	1.08215	1.08215	0.526669	1.26885	1.26885	0.747893	1.12716	1.12716	0.21662	1.62026	1.62026	0.103633	1.93601	1.93601	0.00311426	0.222937	-4.48558	0.723614	0.876522	-1.14087	0.55902	1.24523	1.24523	2.94843	6.43362	1.9396	1
cg13411948	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.0713282	0.0784504	0.479013	-2.08763	0.319494	1.47309	1.47309	0.863415	0.937223	-1.06698	0.123307	0.533352	-1.87494	0.0874666	0.49146	-2.03475	0.135382	0.545514	-1.83313	0.0473052	0.42548	-2.35029	0.155412	1.77254	1.77254	0.0339294	0.393639	-2.5404	2.94843	6.62065	1.99599	1
cg21012711	CNOT6	0.0713294	0.485144	0.832534	-1.20115	0.264804	0.740601	-1.35026	0.0538367	1.76058	1.76058	0.0554639	0.570715	-1.75219	0.0147743	0.460643	-2.17088	0.283715	0.749933	-1.33345	0.100546	0.628255	-1.59171	0.499429	1.19381	1.19381	0.900098	0.96807	-1.03298	2.94841	3.11755	0.939883	1
cg08006956	LSM4	0.07133	0.354332	0.658514	-1.51857	0.026319	3.17428	3.17428	0.0472369	2.70573	2.70573	0.381961	1.48159	1.48159	0.0847353	0.433509	-2.30676	0.517835	1.33301	1.33301	0.167821	0.524932	-1.90501	0.0969572	2.22271	2.22271	0.801409	1.11683	1.11683	2.9484	8.97551	2.70596	1
cg10131972	TXNRD2	0.0713303	0.0733661	0.372564	-2.6841	0.724306	0.839352	-1.19139	0.132782	0.448396	-2.23017	0.0429491	0.316017	-3.16439	0.218046	0.526897	-1.89791	0.200084	0.512034	-1.953	0.0123328	0.21418	-4.66896	0.0115575	0.209778	-4.76693	0.106599	0.418399	-2.39006	2.94839	11.4195	3.44278	1
cg09915978	MLF2;MLF2	0.0713307	0.131101	1.33877	1.33877	0.0227571	0.613927	-1.62886	0.854991	0.967788	-1.03328	0.544043	1.11617	1.11617	0.835112	1.03801	1.03801	0.700054	1.07174	1.07174	0.0173116	1.68005	1.68005	0.0587341	1.4654	1.4654	0.839291	0.964309	-1.03701	2.94838	1.4958	0.450959	1
cg22854538	LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT;NUMA1;LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT	0.0713308	0.257866	1.15133	1.15133	0.954939	0.993278	-1.00677	0.0846499	0.796429	-1.25561	0.0986028	0.805597	-1.24131	0.286094	0.876148	-1.14136	0.86877	0.980458	-1.01993	0.055848	1.29506	1.29506	0.321001	1.13018	1.13018	0.023291	1.3821	1.3821	2.94838	0.665168	0.200537	1
cg06201247	CLN5	0.0713308	0.108008	0.509713	-1.96189	0.827184	1.08765	1.08765	0.787025	1.10968	1.10968	0.802279	0.908084	-1.10122	0.00437824	0.231655	-4.31676	0.0625873	0.44695	-2.23739	0.0848412	0.480777	-2.07997	0.873217	0.940476	-1.06329	0.0743653	0.465787	-2.1469	2.94838	6.89611	2.07906	1
cg04812084	SH3KBP1;SH3KBP1	0.0713324	0.788696	1.12987	1.12987	0.0650457	0.38998	-2.56424	0.610203	0.791596	-1.26327	0.219788	0.556257	-1.79773	0.079564	0.412906	-2.42186	0.94686	0.970156	-1.03076	0.463242	1.40409	1.40409	0.0176615	3.71329	3.71329	0.0910506	2.33057	2.33057	2.94836	9.64844	2.90887	1
cg12434944	SUNC1;SUNC1	0.0713337	0.23539	0.260831	-3.8339	0.141918	5.50927	5.50927	0.0708198	8.85869	8.85869	0.329378	2.9677	2.9677	0.357352	2.78134	2.78134	0.953281	0.938648	-1.06536	0.0154662	24.7845	24.7845	0.0136704	26.995	26.995	0.210152	4.1666	4.1666	2.94833	54.5302	16.4402	1
cg17864040	ZZZ3	0.0713343	0.423432	1.12637	1.12637	0.240362	1.19593	1.19593	0.677676	1.06273	1.06273	0.431902	1.12384	1.12384	0.21875	1.20716	1.20716	0.650804	0.935827	-1.06857	0.00260322	0.544916	-1.83514	0.710612	0.947199	-1.05574	0.878761	1.02247	1.02247	2.94832	0.989254	0.29825	1
cg07488576	SDPR	0.0713343	0.702844	0.887678	-1.12654	0.846832	0.941657	-1.06196	0.066568	0.527565	-1.8955	0.0250911	0.436791	-2.28943	0.779578	0.916479	-1.09113	0.471971	1.25537	1.25537	0.149168	1.61744	1.61744	0.625271	1.16533	1.16533	0.0126476	0.381528	-2.62104	2.94832	4.51214	1.36036	1
cg11493223	TMC8;TMC6	0.0713344	0.140573	2.73296	2.73296	0.0026768	13.9122	13.9122	0.0517055	4.07273	4.07273	0.400143	1.72674	1.72674	0.268963	2.07545	2.07545	0.0713934	3.58605	3.58605	0.732745	1.24283	1.24283	0.110965	3.00814	3.00814	0.239994	2.1821	2.1821	2.94832	18.7823	5.66267	1
cg16779463	SEPT9;SEPT9;SEPT9;SEPT9	0.0713359	0.906704	0.981941	-1.01839	0.0346912	1.46627	1.46627	0.151131	1.27013	1.27013	0.486217	1.11625	1.11625	0.0290173	0.670299	-1.49187	0.784089	0.958207	-1.04362	0.0508686	0.70769	-1.41305	0.264995	1.1979	1.1979	0.488613	0.896413	-1.11556	2.9483	1.12817	0.340134	1
cg00899641	SF3B1;SF3B1	0.0713371	0.11446	1.369	1.369	0.0208106	0.601096	-1.66363	0.315593	0.827099	-1.20905	0.242786	1.2506	1.2506	0.894264	0.975966	-1.02463	0.0386827	1.54969	1.54969	0.122544	0.736294	-1.35815	0.953946	0.98949	-1.01062	0.435996	1.15649	1.15649	2.94828	1.5628	0.471175	1
cg08289323	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.0713372	0.0704683	1.38017	1.38017	0.523136	0.902005	-1.10864	0.201411	1.23988	1.23988	0.755031	0.951341	-1.05115	0.07768	0.731604	-1.36686	0.360449	0.860846	-1.16165	0.011248	1.65883	1.65883	0.343443	0.855949	-1.16829	0.577292	0.914174	-1.09388	2.94828	1.18604	0.357583	1
cg11225573	CRIP2	0.0713385	0.314421	0.844253	-1.18448	0.00781173	0.573674	-1.74315	0.122139	0.761351	-1.31345	0.295053	1.1933	1.1933	0.580955	0.913263	-1.09498	0.144036	0.774588	-1.29101	0.0373777	0.674929	-1.48164	0.540281	0.904028	-1.10616	0.275801	1.20261	1.20261	2.94825	1.23666	0.372848	1
cg26700919	C18orf1;C18orf1	0.071339	0.0291476	0.205175	-4.87389	0.627834	1.35118	1.35118	0.909746	1.07236	1.07236	0.0213526	0.18192	-5.49693	0.0513166	0.254844	-3.92397	0.833015	0.878026	-1.13892	0.0235531	0.188973	-5.29177	0.914974	1.06801	1.06801	0.114204	0.346935	-2.88238	2.94825	17.7245	5.3439	1
cg17854471	GABRD	0.0713395	0.03459	2.38784	2.38784	0.0722562	2.0312	2.0312	0.137827	1.75849	1.75849	0.110915	1.84689	1.84689	0.682879	1.15615	1.15615	0.087286	1.94814	1.94814	0.0456685	2.24652	2.24652	0.006257	3.52009	3.52009	0.245901	1.53523	1.53523	2.94824	5.82629	1.75662	1
cg14611152	DAB2IP	0.0713403	0.10212	0.391632	-2.55342	0.267551	0.545977	-1.83158	0.43439	1.51881	1.51881	0.233368	0.519598	-1.92456	0.0549722	0.319736	-3.12758	0.368478	0.616314	-1.62255	0.00488419	0.141601	-7.06209	0.0579737	0.325317	-3.07392	0.153977	0.449461	-2.22489	2.94822	12.8194	3.86506	1
cg04502927	ZSWIM6	0.0713405	0.0968118	0.834619	-1.19815	0.0153413	0.744428	-1.34331	0.0542843	0.805246	-1.24186	0.0959192	1.19885	1.19885	0.542601	0.940703	-1.06303	0.615297	0.950989	-1.05154	0.282767	1.11705	1.11705	0.781871	0.972847	-1.02791	0.286481	1.11603	1.11603	2.94822	0.459294	0.138477	1
cg23589419	PNMA3	0.0713421	0.465621	1.3054	1.3054	0.302172	0.68137	-1.46763	0.98242	1.00794	1.00794	0.682955	0.862955	-1.15881	0.0152674	0.343282	-2.91305	0.69501	0.86812	-1.15191	0.286332	1.48797	1.48797	0.0171259	2.83749	2.83749	0.185562	1.65506	1.65506	2.94819	6.01522	1.81361	1
cg07842327	SKI	0.0713446	0.0220829	4.42599	4.42599	0.0103571	5.75466	5.75466	0.385092	1.62023	1.62023	0.494757	1.45604	1.45604	0.96916	1.02117	1.02117	0.67593	1.25587	1.25587	0.669196	1.26228	1.26228	0.0185752	4.69599	4.69599	0.0536562	3.2788	3.2788	2.94815	13.7125	4.1344	1
cg25313204	SLC22A3	0.0713447	0.183204	2.20651	2.20651	0.582458	1.36502	1.36502	0.722634	0.81896	-1.22106	0.180261	2.21979	2.21979	0.0531518	3.42552	3.42552	0.0398266	3.78747	3.78747	0.00794836	6.73353	6.73353	0.0345455	3.98001	3.98001	0.150405	2.37227	2.37227	2.94815	14.6634	4.42113	1
cg12950492	TLR3	0.0713456	0.156026	0.575697	-1.73703	0.415501	0.73874	-1.35366	0.165833	0.584095	-1.71205	0.305055	0.679479	-1.47172	0.00749059	0.28579	-3.49907	0.0784911	0.49111	-2.0362	0.00790102	0.289493	-3.45431	0.222783	0.62743	-1.5938	0.816225	0.918787	-1.08839	2.94814	6.18097	1.86362	1
cg00911289	RAB43	0.0713471	0.8779	0.974858	-1.02579	0.869418	1.02763	1.02763	0.788258	1.0456	1.0456	0.00765365	0.566768	-1.76439	0.491828	1.12259	1.12259	0.0249925	0.642913	-1.55542	0.0458833	0.684526	-1.46087	0.187269	0.793345	-1.26049	0.945069	1.01148	1.01148	2.94811	1.2809	0.386205	1
cg07010946	WRN;PURG;PURG;WRN	0.0713475	0.0391392	1.83149	1.83149	0.0172336	2.08666	2.08666	0.440286	1.2208	1.2208	0.375904	1.25905	1.25905	0.691163	0.90373	-1.10653	0.599159	0.874198	-1.14391	0.526376	0.849819	-1.17672	0.0125508	2.19685	2.19685	0.208038	1.40002	1.40002	2.9481	3.00034	0.904638	1
cg04387240	LOC441177;C6orf176;C6orf176	0.0713477	0.29267	1.49733	1.49733	0.00171073	5.23692	5.23692	0.621524	0.831923	-1.20203	0.715042	1.14521	1.14521	0.140572	1.79712	1.79712	0.145806	1.78149	1.78149	0.859936	1.06749	1.06749	0.213241	1.62367	1.62367	0.759535	1.12022	1.12022	2.9481	6.38437	1.92497	1
cg08517126	INHA;OBSL1	0.0713482	0.881641	1.03241	1.03241	0.955798	1.01194	1.01194	0.922347	0.979342	-1.02109	0.0804619	1.51453	1.51453	0.00468249	0.447138	-2.23644	0.191728	0.743873	-1.34432	0.76578	0.938043	-1.06605	0.301471	1.25759	1.25759	0.252264	1.2918	1.2918	2.94809	2.14014	0.645281	1
cg18836661	BMPR1B	0.0713495	0.0480784	0.282531	-3.53943	0.0105806	0.165504	-6.04215	0.372309	0.599051	-1.66931	0.940868	0.959347	-1.04238	0.0141015	0.183611	-5.4463	0.203068	0.471578	-2.12054	0.526824	1.43151	1.43151	0.62319	1.31922	1.31922	0.445749	0.647375	-1.5447	2.94807	14.6123	4.40583	1
cg25665152	GMPPB;GMPPB;GMPPB;GMPPB	0.0713503	0.411457	1.35547	1.35547	0.232359	0.635345	-1.57395	0.572888	0.81357	-1.22915	0.0722191	0.483533	-2.06811	0.0123592	0.323683	-3.08945	0.00967128	0.305529	-3.27301	0.965921	0.984646	-1.01559	0.867587	0.941359	-1.06229	0.737686	1.12945	1.12945	2.94806	6.12386	1.84645	1
cg04392554	TTC38	0.0713523	0.097356	0.385582	-2.59348	0.979757	0.986797	-1.01338	0.898285	1.06929	1.06929	0.181466	0.47564	-2.10243	0.00567164	0.149418	-6.69265	0.600281	0.758078	-1.31913	0.453364	0.67023	-1.49202	0.0100534	0.182353	-5.48386	0.619767	0.769495	-1.29955	2.94802	12.8124	3.8632	1
cg19405718	AFAP1;AFAP1;LOC84740	0.0713535	0.103486	1.48162	1.48162	0.98131	1.00519	1.00519	0.00566661	0.448739	-2.22847	0.246262	0.765134	-1.30696	0.316887	1.25663	1.25663	0.567385	0.880185	-1.13612	0.103599	1.48139	1.48139	0.984324	0.995672	-1.00435	0.804528	1.05627	1.05627	2.948	2.27573	0.686184	1
cg02395245	TLE2	0.0713552	0.549763	0.884777	-1.13023	0.507716	0.872894	-1.14561	0.664957	1.09214	1.09214	0.581187	1.11931	1.11931	0.00543506	0.477147	-2.09579	0.0236896	1.72687	1.72687	0.67998	1.08752	1.08752	0.637375	0.908422	-1.10081	0.644093	0.910186	-1.09868	2.94798	1.91053	0.576073	1
cg14918884	ASCC1	0.0713558	0.713198	0.913943	-1.09416	0.0966326	0.641088	-1.55985	0.108932	0.653029	-1.53133	0.72688	0.918078	-1.08923	0.0136448	0.475369	-2.10363	0.026796	0.527578	-1.89545	0.100636	0.645101	-1.55015	0.510192	0.84974	-1.17683	0.0139899	0.477231	-2.09542	2.94797	2.77403	0.836443	1
cg03762431	NAGK	0.0713562	0.415869	0.759855	-1.31604	0.690979	0.876379	-1.14106	0.521133	1.23958	1.23958	0.152966	0.603233	-1.65773	0.994384	1.00233	1.00233	0.496538	0.796132	-1.25607	0.00319407	0.264623	-3.77896	0.350397	1.37358	1.37358	0.159264	1.64341	1.64341	2.94796	5.09205	1.53539	1
cg04279939	CSDA;CSDA	0.0713567	0.795449	0.942732	-1.06075	0.0979299	1.51002	1.51002	0.863542	1.03982	1.03982	0.14596	0.701644	-1.42522	0.255023	0.763561	-1.30965	0.880706	0.966485	-1.03468	0.00331883	0.403459	-2.47857	0.57098	0.878113	-1.13881	0.232264	0.752488	-1.32892	2.94795	2.40581	0.725419	1
cg06299490	NXN	0.071357	0.491401	1.10821	1.10821	0.0996987	1.30377	1.30377	0.610168	0.927192	-1.07853	0.949343	1.00938	1.00938	0.0900169	0.75979	-1.31615	0.335407	0.864122	-1.15724	0.00625556	1.68844	1.68844	0.633578	0.93183	-1.07316	0.211513	1.21351	1.21351	2.94795	1.00916	0.304289	1
cg20501882	DLD	0.0713574	0.48503	0.77855	-1.28444	0.852088	0.93627	-1.06807	0.0717972	0.492062	-2.03226	0.790095	0.910171	-1.0987	0.0276993	0.39923	-2.50482	0.0226039	0.381667	-2.62009	0.00707288	0.292885	-3.41431	0.923154	0.966533	-1.03463	0.406243	0.740997	-1.34953	2.94794	5.81126	1.75226	1
cg11817999	RAI1	0.0713627	0.302395	0.526495	-1.89935	0.707491	0.797447	-1.254	0.0612483	3.54798	3.54798	0.236276	2.10683	2.10683	0.275986	0.506389	-1.97477	0.748427	0.824304	-1.21314	0.340581	1.8035	1.8035	0.00483748	9.43141	9.43141	0.722418	0.807208	-1.23884	2.94785	16.8333	5.07588	1
cg02913553	KBTBD11	0.0713644	0.0689264	0.739444	-1.35237	0.205269	1.21919	1.21919	0.358239	1.15039	1.15039	0.217766	0.825079	-1.21201	0.0250274	0.67342	-1.48496	0.113422	0.774565	-1.29105	0.227029	1.20693	1.20693	0.168663	1.24298	1.24298	0.378824	0.874682	-1.14327	2.94782	1.02673	0.3096	1
cg09599111	TSSK2;DGCR14	0.0713653	0.0934985	0.674059	-1.48355	0.0113857	1.96861	1.96861	0.0859148	1.5005	1.5005	0.25592	0.776016	-1.28863	0.208142	0.75295	-1.32811	0.274287	0.784088	-1.27537	0.778055	1.06228	1.06228	0.568488	0.884047	-1.13116	0.430433	0.841911	-1.18777	2.94781	2.13451	0.643644	1
cg27310485	S100A2	0.0713678	0.13577	0.719826	-1.38922	0.45567	1.16809	1.16809	0.0214684	0.568397	-1.75933	0.280191	0.794888	-1.25804	0.00430629	0.458145	-2.18271	0.513652	0.873321	-1.14505	0.735142	0.932922	-1.0719	0.891677	1.02825	1.02825	0.235606	0.775556	-1.2894	2.94777	1.95225	0.588695	1
cg02659138	SLC35B4	0.0713684	0.823187	0.94074	-1.06299	0.223507	0.705326	-1.41778	0.256885	0.723971	-1.38127	0.967761	1.01102	1.01102	0.949408	0.982829	-1.01747	0.261676	0.726516	-1.37643	0.00204293	0.305289	-3.27558	0.118804	0.62993	-1.58748	0.0687333	0.573449	-1.74384	2.94776	3.47843	1.04891	1
cg11850549	LOC404266;LOC404266;LOC404266;LOC404266;HOXB6;LOC404266	0.0713684	0.965286	1.01265	1.01265	0.288353	1.37504	1.37504	0.807154	1.07322	1.07322	0.539373	0.835649	-1.19667	0.00793894	0.373991	-2.67386	0.174429	0.658748	-1.51803	0.0127042	0.408685	-2.44687	0.27495	0.720224	-1.38846	0.957588	1.01549	1.01549	2.94776	3.89761	1.17532	1
cg25855249	AKAP12;AKAP12;AKAP12	0.0713715	0.211237	0.474511	-2.10743	0.716666	0.813603	-1.2291	0.946728	1.03854	1.03854	0.0023805	10.9929	10.9929	0.331802	0.567399	-1.76243	0.237391	0.496304	-2.01489	0.908855	1.06696	1.06696	0.848896	1.114	1.114	0.830236	0.885573	-1.12921	2.9477	14.9548	4.50968	1
cg02766539	TMEM49	0.0713716	0.385783	0.711146	-1.40618	0.0175346	0.330133	-3.02908	0.0622339	0.447196	-2.23616	0.386149	1.40579	1.40579	0.830507	1.08565	1.08565	0.0361712	2.5447	2.5447	0.385383	1.40661	1.40661	0.269887	1.55344	1.55344	0.974065	0.987614	-1.01254	2.9477	6.86202	2.06926	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Ratio(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00307907	RASA3	0.0713721	0.330377	1.33675	0.133675	1.109707	0.754894	-1.32469	0.194486	0.801461	-1.24772	0.427076	1.13969	0.13969	0.0965408	1.34206	1.34206	0.052448	1.42706	1.42706	0.241505	1.21859	1.21859	0.80431012	0.751596	-1.39822	0.960702	1.00798	1.00798	2.9477	1.21388	0.366051	1
cg05906717	TMEM62	0.0713734	0.0693777	0.694496	-1.43989	0.076557	0.67728	-1.47649	0.024111	0.587423	-1.70235	0.148284	0.735848	-1.35898	0.0192259	0.5710272	-1.75109	0.1278936	0.722066	-1.38492	0.934513	0.0883679	1.07069	-1.10623	0.0150039	0.553533	-1.80659	2.94767	1.82657	0.550814	1
cg09065413	PTCH2	0.0713756	0.6544158	11.1339	11.1339	0.242587	4.05024	4.05024	0.09228	8.32619	8.32619	0.219985	4.37174	4.37174	0.0467429	13.5218	13.5218	0.0802321	9.20508	9.20508	0.00770049	50.2245	50.2245	0.05511519	12.0229	12.0229	0.0479805	13.2732	13.2732	2.96764	61.0756	18.418	1
cg05870739	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGA11;PCDHGA11;P CDHGA12;CDH9;CDH8;PCDHGA10;PCDHGA3;PCDHGA2;PCDHGA5;PCDHGA7;PCDHGA8;PCDHGB2;PCDHGB3;PCDHGB4;PCDHGB5;PCDHGB7	0.0713765	0.0380073	13.2661	13.2661	0.113994	6.34661	6.34661	0.221934	3.97361	3.97361	0.125745	5.93392	5.93392	0.0440069	12.0292	12.0292	0.490437	2.12304	2.12304	0.00965868	33.7729	33.7729	0.026282	16.9884	16.9884	0.0896723	7.46943	7.46943	2.94762	53.9237	16.2613	1
cg15676500	CAPZB	0.0713767	0.364855	1.21863	1.21863	0.188663	0.744072	-1.34396	0.166926	0.731309	-1.36741	0.156385	1.37984	1.37984	0.00732196	0.4798661	-2.08394	0.511803	0.868229	-1.15177	0.241634	1.29729	1.29729	0.241826	1.29714	1.29714	0.987805	0.99676	-1.00325	0.74762	2.1053	0.634877	1
cg00349549	HLA-G	0.0713776	0.106351	2.31716	2.31716	0.0440586	0.311176	3.21415	0.160909	0.29454	3.39564	0.0615	0.255757	3.90981	0.0136507	0.2144	4.66393	0.3916964	2.55317	0.59155	1.69079	0.3328	3.328	0.0542586	2.83178	2.83178	0.7476	1.01013	0.99016	3.19086	1
cg10071852	DIP2C	0.0713781	0.0105478	1.80519	1.80519	0.813481	0.957537	-1.04435	0.926095	1.01718	1.01718	0.394477	1.17365	1.17365	0.884058	1.02715	1.02715	0.0254238	1.62851	1.62851	0.0487672	1.51161	1.51161	0.0439773	1.52953	1.52953	0.0956839	1.39933	1.39933	2.94759	1.57341	0.474484	1
cg07775235	NPTX1	0.0713791	0.4290689	1.11166	1.11166	0.367967	0.841863	-1.18488	0.602283	0.971609	-1.02922	0.907743	1.23199	1.23199	0.0977433	0.8169669	-1.16306	0.0229766	1.36648	1.36648	0.0479602	1.29635	1.29635	0.0980901	1.25698	1.25698	0.0956204	1.24018	1.24018	0.445636	0.9614	0.185531	1
cg20471562	CNGA3;CNGA3	0.0713793	0.0388146	0.405151	-2.46821	0.379983	0.40511	1.40511	0.89999	0.953626	-1.04863	0.0498402	2.32762	2.32762	0.116167	0.52476	1.90563	0.0453981	2.37913	2.37913	0.273153	0.650049	-1.53835	0.255666	1.56541	1.56541	0.834238	0.923391	-1.08236	2.94758	0.65829	2.00791	1
cg13008977	SLIT3 ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;B	0.0713806	0.0732722	3.51579	3.51579	0.0181109	0.09007	0.09007	0.312256	1.93089	1.93089	0.114014	2.95122	2.95122	0.326201	0.528314	-1.89281	0.41219	1.69515	1.69515	0.0372321	4.58218	4.58218	0.0703453	3.57251	3.57251	0.0368445	4.60099	4.60099	2.94755	18.4965	5.57797	1
cg21482837	ETS1	0.0713811	0.0134104	0.6760153	-1.47917	0.679002	0.05464	1.05464	0.460925	1.10073	1.10073	0.891251	1.01698	1.01698	0.932612	0.989238	-1.01088	0.70643	1.04957	1.04957	0.754843	1.33185	1.33185	0.751457	0.960191	-1.04146	0.0248985	1.40676	1.40676	2.94754	0.763406	0.230116	1
cg04080733	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0713814	0.193998	0.580757	-1.72185	0.145511	0.535165	-1.86858	0.271255	0.6163	-1.62236	0.153854	1.45822	1.45822	0.0154605	0.308914	-3.23715	0.6046356	0.406181	-2.46195	0.0141877	0.302228	-3.30876	0.643892	0.831869	-1.20211	0.140319	0.534071	-1.87262	2.94754	7.30017	2.20151	1
cg03432538	LEPRE1;LEPRE1;C1orf50	0.0713831	0.0230915	0.469188	-2.13134	0.182994	1.48229	1.48229	?	?	?	0.660778	1.13089	1.13089	0.0247666	0.474973	-2.10538	0.751105	0.915177	-1.09268	0.0421687	0.520981	-1.91946	0.974835	1.00883	1.00883	0.369459	0.773565	-1.29272	2.98577	3.2614	1.09231	1
cg08348208	RARRES2	0.0713831	?	?	?	0.410297	2.49257	2.49257	0.170757	4.86542	4.86542	0.528944	0.506632	-1.99748	0.189644	4.51297	4.51297	0.0453294	12.0658	12.0658	?	?	?	0.0157439	24.7762	24.7762	0.0357002	14.1751	14.1733	0.03835	43.9619	16.5632	1
cg02745494	RASA3	0.0713834	0.6520561	1.15943	1.15943	0.229232	0.66014	-1.51483	0.303686	0.706668	-1.41509	0.227185	1.51163	1.51163	0.0444326	0.2001038	-3.44699	0.458213	0.781783	-1.27913	0.794069	0.918277	-1.089	0.943837	1.1741	1.1741	0.0679986	0.512767	-1.9502	2.94751	4.95835	1.4953	1
cg16311186	RAB19 MTERF3;MTERFD3;MTERFD3;MTERF	0.0713846	0.0711556	0.279586	-3.57672	0.694054	1.28398	1.28398	0.661106	0.7566	-1.3217	0.102393	0.322991	-3.09606	0.031522	0.2030003	-4.92604	0.197512	0.422615	-2.36622	0.00953045	0.125413	-7.97365	0.0437145	0.230867	-4.3315	0.106202	0.327743	-3.05118	2.94749	18.6619	5.62796	1
cg10574483	D3	0.0713857	0.4177941	1.17741	1.35175	0.35175	1.24216	1.24216	0.0748778	1.55559	1.55559	0.277153	1.29143	1.29143	0.108788	0.673155	-1.48554	0.0127428	4.096427	-2.01439	0.103442	0.668314	-1.4963	0.660451	1.1052	1.1052	0.844532	0.956546	-1.04543	2.94747	2.3902	0.72083	1
cg00191443	RB1;RB1;RBE1;RBE1;RRE1	0.0713863	0.771604	0.8970035	-1.1076	0.643171	0.955707	-1.04615	0.160405	0.335456	-2.98105	0.839559	1.15206	1.15206	0.0156193	0.159356	-6.27526	0.053947	0.473938	3.8736	0.0106548	0.136812	-7.30928	0.0155233	0.692271	-1.06807	0.0838084	0.305634	-3.27289	2.94746	17.9161	5.40309	1
cg00591443	HEPH;L1	0.0713866	0.014506	0.332767	-3.0051	0.0910179	0.506545	-1.97416	0.46193	0.760625	-1.31471	0.440501	1.33295	1.33295	0.69498	0.8609311	-1.15485	0.2439121	0.640557	-1.56114	0.316226	1.4602	1.4602	0.106666	0.525405	-1.90329	0.0165863	0.343337	-2.91259	2.94745	6.23109	1.87916	1
cg01156550	ASCL2	0.0713884	0.0148517	4.33553	4.33557	0.0440073	0.38557	0.38557	0.957378	0.974177	-1.02651	0.954573	2.90804	2.90804	0.243011	1.81856	1.81856	0.0983228	0.411688	-2.42902	0.727909	1.08646	0.917257	1.21172	2.3002	2.3002	0.321044	1.65181	1.65181	2.94742	11.1856	3.37338	1
cg12309507	CDU3	0.0713886	0.0944882	0.322173	-3.10392	0.0971864	0.85168	0.84518	0.728292	1.23944	1.23944	0.810861	0.826256	-1.15921	0.127736	0.39248	-2.75878	0.728241	1.2398	1.2398	0.413014	1.67481	1.67481	0.0956055	1.39101	1.39101	0.111297	0.943384	-1.06021	2.94742	17.7261	5.34587	1
cg17044356	TMEM88	0.0713909	0.1901581	1.97187	1.97187	0.0116188	4.68196	4.68196	0.849603	0.911287	-1.09735	0.0698978	2.69612	2.69612	0.632726	1.26568	1.26568	0.0892996	2.50139	2.50139	0.324287	1.64566	1.64566	0.0176541	4.10609	4.10609	0.0364077	3.2877	3.2877	2.94738	11.1784	3.37125	1
cg04752836	ARID5B	0.0713917	0.0817369	0.38017	-2.63047	0.4108295	0.154637	-2.46574	0.0785577	0.47547	-2.66333	0.307914	0.928975	-1.07625	0.102916	0.4088007	-2.44614	0.2004737	0.507655	-1.96984	0.0703967	0.620378	-1.61188	0.640998	0.822966	-1.21512	0.0526069	0.660164	-1.51488	2.94734	11.733	3.53855	1
cg18766900	USP6NL;USP6NL	0.0713967	0.175004	0.344194	-2.99227	0.0395985	0.0526297	-19.0007	0.0173888	0.110749	-9.02944	0.945653	0.949519	-1.05316	0.0977271	0.440327	2.27104	0.36361	1.491928	-2.03282	0.172602	0.331892	-3.01303	0.0989546	0.252963	-3.95314	0.836733	0.854885	-1.16975	2.94728	26.9493	8.12781	1
cg00460235	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0713976	0.618848	0.714386	-1.3998	0.332634	1.9547	1.9547	0.0149155	7.44636	7.44636	0.941647	0.952091	-1.05032	0.535058	0.656208	-1.52391	0.429136	0.581997	-1.71822	0.599148	0.700685	-1.42717	0.0141549	7.61567	7.61567	0.0712611	3.86176	3.86176	2.94727	20.9927	6.33135	1
cg04462652	LYPD1;LYPD1	0.0713979	0.0452603	0.510396	-1.96018	0.0966147	0.154637	-6.46574	0.0785577	0.47547	-2.66333	0.307914	0.928975	-1.07625	0.102916	0.4088007	-2.44614	0.2070973	0.672056	-1.48797	0.31005	0.593371	-2.54213	0.0905899	0.570547	-1.78313	0.84726	0.614675	-1.62745	2.94731	13.7353	4.65768	1
cg04790084	TMEM132E;C17orf102	0.0713991	0.67164	0.90521	-1.10312	0.99448	0.998409	-1.00159	0.145998	1.43225	1.43225	0.660764	1.62938	1.62938	0.120581	1.17015	1.17015	0.590077	1.13336	1.13336	0.653984	1.20529	1.20529	0.274994	2.36355	2.36355	0.0139728	2.37983	2.37983	2.94724	2.39978	0.747224	1
cg08677535	KANK1	0.0714009	0.9691551	1.03208	-1.03208	0.9355	0.965337	-1.03586	0.0963513	0.86263	1.15927	0.0804806	0.88673	1.12784	0.0832033	1.02715	1.02715	0.845188	1.18556	1.18556	0.277017	1.04222	1.04222	0.0400769	1.49999	1.49999	0.0400769	1.45119	1.45119	0.923364	1.4999	0.162377	1
cg02687881	MORN1	0.0714019	0.0265976	0.29891	-3.34549	0.912194	0.950576	-1.05199	0.879396	1.07226	1.07226	0.161886	0.503426	-1.98639	0.00976613	0.2227795	-4.48843	0.966739	1.01935	1.01935	0.0434197	0.343938	-2.9075	?	?	0.163016	0.504479	-1.98224	2.98545	5.87439	2.97255	1
cg08446900	RARA;RARA;RARA;RARA	0.0714037	0.19043	0.400626	-2.49609	0.0355995	0.199143	-5.02152	0.853751	0.885384	-1.12945	0.583076	0.693708	-1.44153	0.0277601	0.179767	-5.56274	0.726858	0.793459	-1.2603	0.0935865	0.0775654	-12.8923	0.204577	0.413483	-2.41848	0.555342	0.674662	-1.48222	2.94717	20.1445	6.127	1
cg00738368	LBX2;LOC515154	0.0714045	0.553376	0.6870752	-1.45559	0.7139	0.2085	2.08598	0.448825	0.659559	-1.51649	0.130777	0.313981	3.18344	0.0196559	0.2424907	-4.12407	0.3615024	0.6477	-1.54392	0.0429029	0.3381	-2.95771	0.0830994	0.2615	-3.82454	0.0155556	0.3504	-2.85514	2.94715	10.6188	3.60183	1
cg14801864	BFSP1	0.0714056	0.672749	0.913008	-1.09528	0.240845	1.30088	1.30088	0.513195	0.867632	-1.15256	0.0123864	0.513283	-1.94824	0.803826	1.05476	1.05476	0.812455	0.950357	-1.05224	0.375317	1.21522	1.21522	0.394098	0.829446	-1.20562	0.00802029	0.490304	-2.03955	2.94714	2.04205	0.646069	1
cg17920239	NA4GAL	0.0714083	0.481329	0.753132	-1.32763	0.421984	0.705703	-1.41437	0.368159	0.358853	-2.78802	0.0155662	0.173343	0.688359	0.0178004	0.1422122	-7.03075	0.474137	0.773736	-1.36283	0.277359	0.603288	-1.65788	0.640998	0.822966	-1.21512	0.526069	0.660164	-1.51488	2.94711	2.51393	0.853193	1
cg03513388	PADI3	0.0714076	0.0483271	0.266287	-3.75535	0.149211	0.403708	-2.47704	0.0295242	0.221719	-4.51022	0.0269603	0.293228	-3.41032	0.0317557	0.2283373	-4.37879	0.2639396	0.50518	-1.97949	0.0273529	0.216254	-4.64209	0.0222621	0.202836	-4.93008	0.0265571	0.499332	-2.00268	2.9471	16.0537	4.84203	1
cg25952543	ZNF22	0.0714085	0.063093	1.64219	1.64219	0.283239	0.76756	-1.30283	0.471639	1.18974	1.18974	0.0178858	1.9796	1.9796	0.929315	1.02127	1.02127	0.47318	0.841048	-1.18899	0.031918	0.550719	-1.81581	0.302884	0.776298	-1.28816	0.989691	1.00307	1.00307	2.94709	2.62772	0.792563	1
cg20058108	SPN;SPN	0.0714089	0.1532827	1.35318	1.35318	0.0268438	1.31778	1.31778	0.136057	1.83299	1.83299	0.0206466	1.47423	1.47423	0.0203753	1.516258	1.516258	0.1680547	1.59459	1.59459	0.146	1.466514	1.466514	0.494178	0.829966	-1.20506	0.0602164	0.660268	-1.51472	2.94706	2.31393	0.785193	1
cg07709635	TULP3;TULP3;TULP3;TULP3	0.0714092	0.0147543	0.613811	-1.62917	0.126587	1.30837	1.30837	0.141265	1.29346	1.29346	0.241707	0.819295	-1.22056	0.103237	1.31528	1.31528	0.663475	1.07381	1.07381	0.11366	0.755816	-1.32307	0.50775	1.11549	1.11549	0.613467	1.08637	1.08637	2.94708	1.23475	0.372421	1
cg20993161	CAP2A2	0.0714093	0.8948312	1.07283	1.07283	0.0188803	2.12404	2.12404	0.454651	1.33938	1.33938	0.0380417	1.02574	1.02574	0.941951	1.07505	1.07505	0.7370307	1.36251	1.36251	0.0840137	0.9705202	-1.03017	0.9745606	0.980248	-1.01087	0.916693	1.6581	1.6581	2.94703	0.1437	0.043553	1
cg19736286	MSH6	0.0714094	0.113644	0.80456	-1.24292	0.605184	1.0681	1.0681	0.00719469	1.55004	1.55004	0.252275	0.859779	-1.16309	0.369766	1.1234	1.1234	0.876675	0.980572	-1.01981	0.0576584	0.762482	-1.31151	0.66026	1.05747	1.05747	0.813387	1.03032	1.03032	2.94707	0.744014	0.224679	1
cg03531955	KCNJ2 FAM172A;FAM172A;FAM172A;FAM172A	0.0714108	0.681228	0.852064	-1.17362	0.3525725	0.379253	-2.63675	0.34125	0.683791	-1.46244	0.0964048	0.492865	-2.02895	0.00904141	0.27635	-3.6186	0.384633	0.707871	-1.41269	0.156735	0.563725	-1.80595	0.225224	0.525606	-1.90257	2.94705	7.01178	2.11489	1
cg07662693	A	0.0714111	0.0180941	1.41759	1.41759	0.800739	1.03122	1.03122	0.0618167	0.774402	-1.29132	0.544226	1.07746	1.07746	0.470579	1.09333	1.09333	0.850954	0.977394	-1.02313	0.0309362	1.36057	1.36057	0.597118	0.937219	-1.06599	0.6764873	1.28277	1.28277	2.94705	0.689657	0.208015	1
cg06065802	LETMD1;LETMD1	0.0714117	0.0452603	0.510396	-1.96018	0.0966147	0.154637	-6.46574	0.0785577	0.47547	-2.66333	0.307914	0.928975	-1.07625	0.102916	0.4088007	-2.44614	0.2070973	0.672056	-1.48797	0.31005	0.593371	-2.54213	0.0905899	0.570547	-1.78313	0.84726	0.614675	-1.62745	2.94704	13.7353	4.65768	1
cg02356223	AHRR	0.0714113	0.0260435	0.457005	-2.18816	0.543345	0.833282	-1.20007	0.738154	1.10458	1.10458	0.535583	1.20442	1.20442	0.00467295	0.327911	3.04961	0.7139154	1.07814	1.07814	0.158806	0.639845	-1.56288	0.581374	1.17952	1.17952	0.292311	0.723309	-1.38254	2.94704	4.10257	1.23742	1
cg10700872	GPR151	0.0714115	0.0127927	0.47155	-2.12107	0.195658	0.791924	-1.26222	0.232053	0.653893	-1.52972	0.0204806	0.863613	-1.15777	0.0659219	0.1509591	-6.62496	0.1384973	0.278454	3.59183	0.0116552	0.0972257	-10.2854	0.0040769	0.435119	-2.29805	0.0040769	0.435119	-2.29805	2.94683	0.923377	1
cg00632957	SHC4	0.0714134	0.8615559	-1.16069	0.127078	0.476009	-2.1008	0.284152	0.606203	-1.64961	0.269088	1.6783	1.6783	0.0215247	2.088785	1.462278	0.9669393	1.038419	-2.57454	0.0487624	0.363317	-2.75241	0.0606336	0.386131	-2.5898	0.0398549	0.343408	-2.91199	2.94702	5.44588	2.84909	1
cg12482260	NDUFAF4	0.0714135	0.84988	1.03792	1.03732	0.919681	0.980682	-1.0197	0.044479	1.56253	1.56253	0.0147732	0.559793	-1.78638	0.897799	1.02516	1.02516	0.114931	1.39309	1.39309	0.0775146	1.46154	1.46154	0.164766	1.33193	1.33193	0.391996	1.18484	1.18484	2.94701	1.74575	0.526561	1
cg25739835	TECTA	0.0714138	0.26138	1.88439	-1.1342	0.444029	1.42424	1.42424	0.0412982	0.68888	-1.45053	0.0503113	1.4646	1.4646	0.0199955	1.14305	1.14305	0.2402447	1.42024	1.42024	0.0702022	1.02879	-1.02879	0.928486	1.2896317	-1.11528	0.73019	0.942567	-1.06091	2.9471	0.410937	1
cg23077575	SEPT8;SEPT8;SEPT8;SEPT8	0.0714173	0.1854531	1.33795	1.33795	0.2241161	1.74655	1.74655	0.0168665	1.83032	1.83032	0.982698	1.00451	1.00451	0.354568	1.21832	1.21832	0.0424322	1.62345	1.62345	0.20931	0.760044	-1.31571	0.33449	1.22922	1.22922	0.0941356	1.46463	1.46463	2.94694	2.00603	0.605232	1
cg18993778	HIPK2;HIPK2	0.0714179	0.8055	0.968803	-1.0322	0.123069	0.668372	-1.49617	0.319298	0.780188	-1.28174	0.419759	0.680286	-1.46997	0.00709599	0.431285	-2.31865	0.2044943	0.729898	1.38122	0.0730225	0.165969	6.025971	0.651198	1.11602	1.11602	0.259862	0.753171	-1.32772	2.94693	2.17482	0.818876	1
cg13576290	FAM179A	0.0714181	0.8311351	1.0483	1.0483	0.0204372	3.46847	3.46847	0.0838651	0.7956604	1.25664	0.491713	0.805468	-1.24153	0.37485	0.7954448	-1.2326	0.3732606	0.71097	-1.40651	0.0884358	0.9956204	1.00451	0.9948	1.21564	0.578537	1.18987	1.18987	2.94693	4.4741	1.51104	1
cg27514454	AGRN	0.0714194	0.907107	0.919824	-1.08716	0.0159642	8.7888	8.7888	0.0226487	7.46563	7.46563	0.489504	1.67728	1.67728	0.232748	2.51381	2.51381	0.0637672	4.6421	4.6421	0.0322659	6.34134	6.34134	0.035832	6.04355	6.04355	0.282237	2.2777	2.2777	2.94691	25.128	7.63981	1
cg00066041	LOC728643	0.0714203	0.0418301	0.510324	-1.95977	0.0965147	0.154637	-6.46574	0.0785577	0.47547	-2.66333	0.307914	0.928975	-1.07625	0.102916	0.4088007	-2.44614	0.2070973	0.672056	-1.48797	0.31005	0.593371	-2.54213	0.0905899	0.570547	-1.78313	0.84726	0.614675	-1.62745	2.94691	13.7353	4.65768	1
cg00565688	TP73	0.0714221	0.0480074	25.4598	25.4598	0.106774	12.452	12.452	0.421262	3.24428	3.24428	0.125414	10.7537	10.7537	0.30434	0.2179553	4.58815	0.528848	0.401021	-2.49363	0.583169	0.452171	-2.21155	0.023144	48.8495	48.8495	0.0290627	39.8197	39.8197	2.94688	95.7263	28.8746	1
cg02845515	FAM98A1	0.0714214	0.0223944	0.510324	-1.95977	0.0965147	0.154637	-6.46574	0.0785577	0.47547	-2.66333	0.307914	0.928975	-1.07625	0.102916	0.4088007	-2.44614	0.2070973	0.672056	-1.48797	0.31005	0.593371	-2.54213	0.0905899	0.570547	-1.78313	0.84726	0.614675	-1.62745	2.94688	13.7353	4.65768	1
cg25067686	TNXB	0.0714242	0.0166119	0.180711	-5.53371	0.331962	1.79575	1.79575	0.978416	1.01595	1.01595	0.96702	0.976108	-1.02448	0.6644568	0.296721	3.37017	0.0729739	0.310169	-3.22405	0.014023	0.169621	-5.89549	0.316968	0.546036	-1.83138	0.284689	0.522048	-1.91553	2.94683	15.9661	4.81607	1
cg26248855	LTBP4;LTBP4;LTBP4	0.071426	0.351234	0.551476	-1.81331	0.625926	0.737107	-1.35629	0.147356	0.38118	-2.62343	0.978016	0.983054	-1.01724	0.327403	0.534174	1.87205	0.0535634	3.8961	3.8961	0.740233	0.813507	-1.22924	0.803878	0.856971	-1.1669	0.00597202	0.29573	9.29573	2.9468	17.9938	5.41749	1
cg00362623	KCNAB2;KCNAB2	0.0714254	0.402451	1.30466	-1.3343	0.444029	2.312485	2.312485	0.0210514	0.746767	-1.33911	0.0777316	0.498538	-2.00618	0.0248703	0.4744264	-2.10764	0.5201787	0.822891	1.21601	0.316537	0.777525	-1.28624	0.0748206	0.4104	-2.43617	0.172946	0.5977	-1.67297	2.94655	0.923611	0.313655	1
cg07061728	RTN4RL1	0.0714282	0.17083	0.764353	-1.3083	0.0285261	1.60993	1.60993	0.468903	1.14543	1.14543	0.0176467	1.70219	1.70219	0.0664658	0.684377	-1.46118	0.650794	1.08759	1.08759	0.893229	0.975354	-1.02527	0.478916	0.87578	-1.14184	0.889744	0.974765	-1.02589	2.94676	1.58464	0.478007	1
cg27153891	SCARNA16;C17orf86	0.0714283	0.1518863	0.809014	-1.2319	0.30997	0.886802	-1.12765	0.108461	0.837496	-1.22329	0.376288	0.900544	-1.11032	0.0479293	0.562007	-1.77835	0.5100707	0.910644	1.13025	0.0405395	0.0997	1.53007	0.0904958	0.998725	-1.00128	0.402793	1.10286	1.10286	2.94672	0.82009	0.184727	1
cg08293324	THBS1	0.071432	0.0496437	2.28433	2.28433	0.598694	0.8221	-1.2164	0.0211779	2.77927	2.77927	0.027465	2.61689	2.61689	0.418507	0.35653	-2.80533	0.7577769	1.12088	1.12088	0.479885	0.105737	9.38956	0.0078458	0.995231	-1.00479	0.0140706	0.302726	3.02726	2.9667	0.34986	1.91547	1
cg08045599	PRKY	0.0714324	0.1444835	0.527726	-1.89492	0.121972	0.50448	-1.98224	0.990551	0.995178	-1.00485	0.568511	1.27292	1.27292	0.0600632	0.420714	-2.37691	0.9319884	1.03546	1.03546	0.955606	1.02298	1.02298	0.00722717	4.11585	4.11585	0.583119	1.25388	1.25388	2.94669	7.77537	2.34549	1
cg08152947	MDFIP10	0.0714326	0.125428	0.60913	-1.64162	0.2455137	1.12588	1.12588	0.128936	0.88388	-1.13128	0.0356092	1.38676	1.38676	-2.71123	0.305092	3.27746	0.0201746	0.247193	-4.04642	0.0205985	0.163668	6.10885

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14284759	CYB5R3;CYB5R3;ATP5L2;CYB5R3	0.0715057	0.647481	1.17377	1.17377	0.0393266	0.436177	-2.29265	0.123637	0.559705	-1.78665	0.350125	0.71556	-1.39751	0.00400941	0.260392	-3.84036	0.276377	0.674345	-1.48292	0.771715	0.903717	-1.10654	0.959871	1.01766	1.01766	0.0643192	0.485125	-2.06132	2.94547	5.64953	1.70492	1
cg15461888	AMPD3	0.0715068	0.0577585	8.98144	8.98144	0.0657829	8.26792	8.26792	0.443438	0.449562	-2.22439	0.53072	0.522172	-1.91508	0.465429	0.467637	-2.13841	0.830605	0.803167	-1.24507	0.829034	1.24765	1.24765	0.163253	4.58392	4.58392	0.00658316	36.9783	36.9783	2.94545	48.8351	14.7376	1
cg12658947	OPCML	0.0715097	0.0760024	9.21551	9.21551	0.0341051	16.1407	16.1407	0.74037	1.45358	1.45358	0.172041	5.12988	5.12988	0.556276	0.512043	-1.95296	0.0282578	18.418	18.418	0.0181889	25.1587	25.1587	0.0951657	7.86436	7.86436	0.0776367	9.07877	9.07877	2.9454	59.0149	17.81	1
cg02843755	CTDSPL;CTDSPL	0.0715101	0.063937	0.623054	-1.605	0.0641035	1.60441	1.60441	0.0417839	1.70432	1.70432	0.582936	0.881614	-1.13428	0.638844	0.898163	-1.11338	0.0264885	0.550068	-1.81796	0.707781	0.918001	-1.08932	0.379673	0.814839	-1.22724	0.73335	1.08079	1.08079	2.9454	2.40827	0.72679	1
cg09328083	ALX4	0.0715102	0.0941716	1.4994	1.4994	0.494302	1.16507	1.16507	0.288338	0.784557	-1.2746	0.585471	0.885829	-1.12889	0.074946	1.54737	1.54737	0.774105	1.06539	1.06539	0.0560172	0.620985	-1.61035	0.269372	0.77632	-1.28813	0.022515	0.547982	-1.82488	2.9454	2.26025	0.68212	1
cg11846559	HSPBP1;HSPBP1	0.071511	0.602506	1.20724	1.20724	0.102045	1.89924	1.89924	0.645822	0.847157	-1.18042	0.602881	0.828497	-1.207	0.0108255	0.317529	-3.14932	0.307118	1.46077	1.46077	0.541098	0.801104	-1.24828	0.0645876	2.10459	2.10459	0.129745	1.79803	1.79803	2.94538	5.99339	1.80875	1
cg26260819	CRY2;CRY2	0.0715113	0.542015	1.34658	1.34658	0.0330405	3.32556	3.32556	0.532514	1.35633	1.35633	0.266256	0.572103	-1.74794	0.177184	0.500843	-1.99663	0.0318024	0.29727	-3.36395	0.0406479	3.12517	3.12517	0.924253	1.04691	1.04691	0.727861	0.845007	-1.18342	2.94538	10.8414	3.27184	1
cg13621449	TPPP2	0.071512	0.38739	0.830321	-1.20435	0.763525	0.938637	-1.06537	0.0653486	0.647803	-1.54368	0.279372	1.26621	1.26621	0.0238299	1.76126	1.76126	0.0359463	1.66882	1.66882	0.0917829	1.47639	1.47639	0.740941	0.932738	-1.07211	0.693154	0.920137	-1.08679	2.94537	2.05475	0.620107	1
cg20564703	CUX1;CUX1;CUX1	0.0715133	0.223224	0.675623	-1.48011	0.0102692	2.69429	2.69429	0.211499	0.668107	-1.49677	0.903946	0.963686	-1.03768	0.042745	0.489369	-2.04345	0.536105	0.825333	-1.21163	0.102255	0.578154	-1.72964	0.58888	1.18197	1.18197	0.688748	0.883937	-1.1313	2.94534	4.37918	1.32161	1
cg01194371	THBS4	0.0715136	0.0375431	0.256189	-3.90337	0.298704	0.544491	-1.83658	0.451655	1.54153	1.54153	0.119562	0.385492	-2.59409	0.0673352	0.314437	-3.18029	0.0818909	0.336881	-2.96841	0.0527146	0.288557	-3.46552	0.054528	0.291998	-3.42468	0.0194632	0.203096	-4.92379	2.94534	14.8576	4.48394	1
cg00640053	CNPY1	0.0715147	0.113345	0.176735	-5.65819	0.0317589	0.0795026	-12.5782	0.992987	0.991199	-1.00888	0.196459	0.25315	-3.95023	0.0744949	0.135515	-7.37924	0.348148	0.378483	-2.64213	0.00480633	0.0232021	-43.0995	0.172857	0.232449	-4.30201	0.0702078	0.130568	-7.65883	2.94532	47.1947	14.2432	1
cg04008542	HIPK2;HIPK2	0.0715179	0.891958	1.02555	1.02555	0.110181	1.38155	1.38155	0.0188326	0.589647	-1.69593	0.0266914	0.614177	-1.62819	0.140939	0.745294	-1.34175	0.333586	0.83098	-1.2034	0.222784	1.2685	1.2685	0.982593	1.00406	1.00406	0.289813	0.815495	-1.22625	2.94527	1.6076	0.485177	1
cg18873914	CLEC2L	0.071519	0.900557	0.971814	-1.029	0.00279085	2.56661	2.56661	0.720973	1.08548	1.08548	0.666189	1.10435	1.10435	0.935116	0.981551	-1.0188	0.938768	1.01773	1.01773	0.0968916	0.659178	-1.51704	0.122333	1.4666	1.4666	0.833366	0.952959	-1.04936	2.94525	2.4399	0.736373	1
cg13594151	ZNF44;ZNF44	0.071521	0.138566	0.779249	-1.28329	0.388143	1.14839	1.14839	0.140979	0.780607	-1.28105	0.0795143	0.737524	-1.35589	0.106433	1.31755	1.31755	0.0292782	1.49437	1.49437	0.922132	0.984822	-1.01541	0.481909	0.894214	-1.1183	0.1173	0.76635	-1.30489	2.94522	1.1414	0.344484	1
cg22429822	RAB3B	0.071522	0.173448	0.767616	-1.30274	0.692489	1.07528	1.07528	0.248019	1.24672	1.24672	0.060036	1.4731	1.4731	0.0746211	0.695839	-1.43711	0.268044	0.810048	-1.2345	0.0136553	0.572926	-1.74543	0.321563	0.829449	-1.20562	0.789139	0.952235	-1.05016	2.9452	1.55524	0.469387	1
cg24662823	ETS1;ETS1;ETS1	0.0715292	0.672376	0.886944	-1.12747	0.0353295	1.99626	1.99626	0.102425	1.65548	1.65548	0.057783	0.54604	-1.83137	0.0794205	0.577429	-1.73181	0.200332	1.46454	1.46454	0.841599	0.945125	-1.05806	0.644291	1.14012	1.14012	0.137858	0.637204	-1.56936	2.94508	3.71067	1.11996	1
cg09842053	XDH	0.0715302	0.985236	0.992895	-1.00716	0.896228	0.950961	-1.05157	0.253862	0.631824	-1.58272	0.00178269	0.180213	-5.54898	0.966362	0.983882	-1.01638	0.449453	0.743055	-1.3458	0.250325	0.629463	-1.58865	0.752478	0.885225	-1.12966	0.0495969	0.421817	-2.3707	2.94506	6.9257	2.09034	1
cg02339083	SMC1B	0.0715304	0.099599	0.378984	-2.63863	0.0505533	0.301844	-3.31297	0.502474	0.693593	-1.44177	0.261026	0.532509	-1.8779	0.0107603	0.178598	-5.59916	0.155358	0.441601	-2.26449	0.827094	0.889053	-1.12479	0.101717	2.61986	2.61986	0.115211	0.398249	-2.51099	2.94506	13.4794	4.06839	1
cg23550016	TCAP	0.0715316	0.114305	1.7481	1.7481	0.756229	1.10656	1.10656	0.402072	1.32162	1.32162	0.78373	1.09358	1.09358	0.942728	0.976908	-1.02364	0.497494	0.799339	-1.25103	0.0685658	0.515334	-1.94049	0.00534071	0.303227	-3.29786	0.226573	0.661761	-1.51112	2.94504	4.93173	1.48852	1
cg16545496	HSD11B2	0.0715319	0.714655	0.742108	-1.34751	0.55035	1.63366	1.63366	0.830759	1.18988	1.18988	0.318122	2.31209	2.31209	0.0503964	0.163413	-6.11948	0.211707	2.91142	2.91142	0.959302	1.04232	1.04232	0.00407847	22.8976	22.8976	0.693325	0.724746	-1.37979	2.94504	30.7736	9.28826	1
cg22656521	DGCR14;TSSK2	0.0715334	0.0666802	0.161851	-6.17853	0.0145369	0.069519	-14.3846	0.0598294	0.152466	-6.55884	0.252983	0.347336	-2.87906	0.0255567	0.0953909	-10.4832	0.12446	0.229179	-4.3634	0.0242762	0.0927049	-10.7869	0.101111	0.2039	-4.90436	0.14113	0.246165	-4.06231	2.94501	36.5877	11.0432	1
cg08920032	IGF1R	0.0715337	0.0958372	0.374003	-2.67377	0.585186	0.743524	-1.34495	0.577548	0.738947	-1.35328	0.160066	0.446177	-2.24126	0.0341143	0.264612	-3.77911	0.21619	0.496695	-2.01331	0.00301287	0.112287	-8.90575	0.635143	0.773361	-1.29306	0.0889372	0.364673	-2.74218	2.94501	13.4841	4.06991	1
cg21168038	CCBL1;CCBL1;CCBL1	0.0715343	0.0104592	0.604659	-1.65383	0.0464745	1.42758	1.42758	0.125306	0.771837	-1.29561	0.463325	0.890006	-1.12359	0.660028	1.07154	1.07154	0.0909583	0.747769	-1.33731	0.496653	1.11375	1.11375	0.745862	0.950503	-1.05207	0.692482	1.06402	1.06402	2.945	1.13654	0.343042	1
cg13643814	CHRNA7	0.0715348	0.968077	0.993923	-1.00611	0.430899	0.884748	-1.13027	0.88003	0.977258	-1.02327	0.606232	0.923857	-1.08242	0.191619	0.810128	-1.23437	0.0141598	1.58578	1.58578	0.0203925	0.65329	-1.53071	0.881129	0.977466	-1.02305	0.132344	1.28065	1.28065	2.94499	1.08209	0.32661	1
cg12859716	MED31	0.071535	0.533881	0.721997	-1.38505	0.205074	0.500946	-1.99622	0.208545	0.503876	-1.98461	0.493022	1.43323	1.43323	0.0351175	0.281103	-3.55741	0.281835	0.560891	-1.78288	0.00722738	0.166617	-6.00177	0.913482	1.0578	1.0578	0.0268015	0.25763	-3.88154	2.94498	12.4669	3.7629	1
cg27451450	APOBEC3C	0.0715352	0.837751	1.03652	1.03652	0.0339777	0.648588	-1.54181	0.0512383	0.678206	-1.47448	0.189272	1.27539	1.27539	0.314483	1.19956	1.19956	0.38814	1.16733	1.16733	0.0237288	1.60356	1.60356	0.667917	0.927286	-1.07842	0.781315	0.952487	-1.04988	2.94498	1.42713	0.430753	1
cg02376097	DMPK;DMPK;DMPK;DMPK	0.0715358	0.00384154	0.202188	-4.9459	0.993595	1.0033	1.0033	0.0454106	0.390031	-2.5639	0.689347	1.17923	1.17923	0.509541	0.759953	-1.31587	0.4971	0.753624	-1.32692	0.054436	0.408466	-2.44818	0.875284	1.06656	1.06656	0.615799	1.2307	1.2307	2.94497	7.8512	2.36975	1
cg26683137	FNDC8;RAD51L3;RAD51L3;RAD51L3	0.0715359	0.105726	0.467491	-2.13908	0.665871	0.829496	-1.20555	0.380056	1.47321	1.47321	0.0374552	2.82617	2.82617	0.0860114	0.442065	-2.26211	0.274424	0.613044	-1.6312	0.0313379	0.337326	-2.96449	0.0975517	0.457379	-2.18637	0.93659	1.03483	1.03483	2.94497	8.63539	2.60644	1
cg17421331	RAD52	0.0715361	0.93109	1.01493	1.01493	0.87426	0.973221	-1.02752	0.0126556	0.587886	-1.70101	0.561887	0.904367	-1.10575	0.0117829	0.583254	-1.71452	0.629811	1.0868	1.0868	0.111857	1.34549	1.34549	0.657714	0.926419	-1.07943	0.276866	0.823785	-1.21391	2.94497	1.3702	0.413573	1
cg08430604	MIR564;TMEM42	0.0715365	0.0594187	0.503867	-1.98465	0.0229522	2.40215	2.40215	0.639573	1.16408	1.16408	0.133441	1.68446	1.68446	0.514712	0.808302	-1.23716	0.0471835	0.481152	-2.07834	0.288299	0.701098	-1.42633	0.383818	1.3333	1.3333	0.811389	0.925881	-1.08005	2.94496	4.83982	1.46082	1
cg04573031	HDAC4	0.0715383	0.0345985	0.725765	-1.37786	0.0409841	0.735779	-1.3591	0.424535	0.899337	-1.11193	0.214169	1.18547	1.18547	0.219144	1.18307	1.18307	0.440365	1.10779	1.10779	0.128821	1.23804	1.23804	0.0911833	0.785033	-1.27383	0.477608	0.910345	-1.09848	2.94493	0.789338	0.238252	1
cg16777896	IGDCC3	0.0715411	0.0412581	0.569094	-1.75718	0.285791	0.766881	-1.30398	0.231873	0.740659	-1.35015	0.0482108	0.582426	-1.71696	0.0178502	0.501876	-1.99253	0.0992962	0.648822	-1.54126	0.0279835	0.537075	-1.86194	0.0207637	0.513507	-1.94739	0.304331	0.775148	-1.29008	2.94488	2.67369	0.80703	1
cg21874202	LY6G5C	0.0715416	0.901591	0.978411	-1.02207	0.0754983	1.41779	1.41779	0.324637	0.835722	-1.19657	0.528181	0.893371	-1.11936	0.360779	0.847254	-1.18028	0.2107	0.792403	-1.26198	0.0140616	0.585748	-1.70722	?	?	?	0.0310379	0.639771	-1.56306	2.98307	1.30723	0.438218	1
cg04079538	TTC39A	0.0715419	0.130385	1.55075	1.55075	0.477424	0.823657	-1.2141	0.132791	1.54587	1.54587	0.107792	1.60209	1.60209	0.0326019	0.510857	-1.95749	0.510502	1.19634	1.19634	0.289474	0.744315	-1.34352	0.0343907	1.94008	1.94008	0.406042	1.25645	1.25645	2.94487	3.36411	1.01543	1
cg00887755	PROKR1	0.0715439	0.111761	0.584442	-1.71103	0.0536479	1.973	1.973	0.142328	0.613171	-1.63087	0.498682	0.808163	-1.23737	0.0402721	0.47961	-2.08503	0.414143	0.771916	-1.29548	0.031143	0.45639	-2.19111	0.0635556	0.523672	-1.90959	0.456015	0.790228	-1.26546	2.94484	4.48522	1.35385	1
cg20982223	GABRR2	0.0715441	0.688093	1.06061	1.06061	0.199454	0.820637	-1.21856	0.0122724	0.634565	-1.57588	0.296203	0.853904	-1.17109	0.017836	0.657098	-1.52184	0.145944	0.796432	-1.2556	0.294127	0.85328	-1.17195	0.114165	0.778357	-1.28476	0.023536	0.674092	-1.48348	2.94483	0.991614	0.299316	1
cg02048645	SPAG9;SPAG9	0.0715444	0.547322	0.515734	-1.93899	0.0570103	10.3989	10.3989	0.705785	1.51044	1.51044	0.087934	7.75054	7.75054	0.35627	0.356389	-2.80592	0.800879	1.31626	1.31626	0.0557244	10.5604	10.5604	0.0093386	36.051	36.051	0.457535	0.439274	-2.27648	2.94483	55.1436	16.6449	1
cg07537443	NGFR	0.0715445	0.0523809	0.430678	-2.32192	0.66917	1.17836	1.17836	0.840791	0.926075	-1.07983	0.892933	1.05276	1.05276	0.0223344	0.351566	-2.84442	0.0285535	0.372868	-2.68191	0.265314	0.641945	-1.55777	0.0149587	0.31904	-3.13441	0.962424	0.982172	-1.01815	2.94483	6.79993	2.05254	1
cg05541180	RREB1;RREB1;RREB1;RREB1	0.0715463	0.975262	0.995391	-1.00463	0.0911	0.757844	-1.31953	0.0122966	0.628423	-1.59128	0.708946	1.05746	1.05746	0.486446	0.900001	-1.11111	0.0495412	1.39634	1.39634	0.099951	1.3081	1.3081	0.4849	0.899653	-1.11154	0.921788	1.01474	1.01474	2.9448	1.0353	0.312507	1
cg06382167	PDE11A;PDE11A	0.0715467	0.666903	1.12504	1.12504	0.980349	0.993321	-1.00672	0.783923	0.927938	-1.07766	0.609144	0.869085	-1.15064	0.992696	1.00249	1.00249	0.00183406	0.299899	-3.33446	0.217024	1.42393	1.42393	0.490774	0.82659	-1.20979	0.201171	0.692595	-1.44385	2.94479	3.45293	1.04227	1
cg07688613	INTS3	0.0715477	0.103144	1.35593	1.35593	0.4569	1.13815	1.13815	0.0450472	1.48111	1.48111	0.174623	1.27968	1.27968	0.780864	0.953486	-1.04878	0.112212	1.34362	1.34362	0.037818	0.662753	-1.50886	0.4635	1.13592	1.13592	0.0370478	1.51216	1.51216	2.94477	1.36042	0.410648	1
cg21846790	FAM100A	0.0715491	0.570858	0.837698	-1.19375	0.33653	1.35849	1.35849	0.030782	2.19092	2.19092	0.0151431	2.51596	2.51596	0.656478	0.870742	-1.14845	0.672575	1.14046	1.14046	0.0682341	0.531904	-1.88004	0.23465	0.680336	-1.46986	0.918969	0.969027	-1.03196	2.94475	4.45844	1.3458	1
cg03997764	FAM96B;CES2;FAM96B;CES2;CES2;CES2	0.07155	0.320175	1.89916	1.89916	0.158597	2.56253	2.56253	0.00693967	8.85795	8.85795	0.0738341	3.47025	3.47025	0.922732	0.94122	-1.06245	0.336664	1.85625	1.85625	0.199057	2.33344	2.33344	0.807294	0.858478	-1.16485	0.0834968	0.302336	-3.30757	2.94474	18.1842	5.48904	1
cg17524180	MCF2L;MCF2L	0.0715506	0.822353	1.05195	1.05195	0.399868	1.21421	1.21421	0.168979	1.39105	1.39105	0.514115	0.861559	-1.16069	0.17869	1.37957	1.37957	0.035853	1.73311	1.73311	0.00349525	2.4409	2.4409	0.160689	1.4014	1.4014	0.953106	0.986843	-1.01333	2.94473	2.36561	0.714077	1
cg00539386	ADAM33;ADAM33	0.0715508	0.552595	0.45884	-2.17941	0.0851625	11.8001	11.8001	0.163449	6.88008	6.88008	0.150725	7.36764	7.36764	0.349932	0.287179	-3.48215	0.128852	8.3997	8.3997	0.0154608	47.1061	47.1061	0.047329	18.9625	18.9625	0.052481	17.4487	17.4487	2.94472	78.4211	23.6721	1
cg06029061	PPARD;PPARD	0.0715533	0.0178281	0.295909	-3.37942	0.957093	0.977509	-1.02301	0.495215	0.746168	-1.34018	0.030123	0.340202	-2.93943	0.0504068	0.389522	-2.56725	0.0215421	0.311267	-3.21267	0.0619525	0.411206	-2.43187	0.802786	0.899606	-1.1116	0.11437	0.483812	-2.06692	2.94468	8.33646	2.51647	1
cg25630794	BRSK2	0.071555	0.211887	1.72521	1.72521	0.00682267	4.27757	4.27757	0.0684078	2.33046	2.33046	0.948903	0.973773	-1.02693	0.869398	1.07062	1.07062	0.0484415	2.54728	2.54728	0.0861321	2.1954	2.1954	0.0853119	2.20087	2.20087	0.0554613	2.46004	2.46004	2.94465	8.02024	2.42103	1
cg17015937	TMEM51;TMEM51;C1orf126;TMEM51;TMEM51	0.0715566	0.0567404	1.32598	1.32598	0.412884	1.11575	1.11575	0.660892	0.94388	-1.05946	0.06181	1.31678	1.31678	0.538991	0.921844	-1.08478	0.558395	0.925488	-1.08051	0.0370735	0.728521	-1.37265	0.638639	0.939991	-1.06384	0.0377376	0.729574	-1.37066	2.94463	0.798328	0.24099	1
cg06200996	TMEM132D	0.0715587	0.676565	0.826859	-1.2094	0.037622	0.335221	-2.9831	0.0124433	0.244261	-4.09399	0.374411	0.661545	-1.51161	0.407303	1.46835	1.46835	0.826199	0.905145	-1.1048	0.273691	1.67567	1.67567	0.705078	1.18805	1.18805	0.0287974	0.310844	-3.21705	2.94459	9.57783	2.89128	1
cg06238736	ARHGAP1;ZNF408	0.0715594	0.371131	2.01997	2.01997	0.017599	9.12807	9.12807	0.0355532	6.5103	6.5103	0.641594	1.43175	1.43175	0.342032	0.472591	-2.116	0.475083	1.74382	1.74382	0.127175	3.53582	3.53582	0.0222032	8.15684	8.15684	0.0550693	5.28706	5.28706	2.94458	27.3355	8.25183	1
cg07189222	PPP1R2P1	0.07156	0.0772846	0.343237	-2.91344	0.0274204	4.13896	4.13896	0.918773	1.05711	1.05711	0.162243	2.25329	2.25329	0.154155	2.29456	2.29456	0.0325563	0.256128	-3.90429	0.729458	1.20807	1.20807	0.342356	1.70341	1.70341	0.52054	1.42559	1.42559	2.94457	13.8236	4.17298	1
cg02788597	EIF3J	0.0715622	0.324749	0.852252	-1.17336	0.0361859	0.681836	-1.46663	0.0627472	1.38986	1.38986	0.100158	0.753371	-1.32737	0.152851	0.78608	-1.27214	0.932845	1.01334	1.01334	0.370657	0.865433	-1.15549	0.354602	0.860949	-1.16151	0.0550145	1.40783	1.40783	2.94453	1.15264	0.347955	1
cg21070669	MARS	0.0715655	0.149317	2.00928	2.00928	0.413378	1.45846	1.45846	0.66771	0.822918	-1.21519	0.0825481	2.38158	2.38158	0.326322	0.632969	-1.57986	0.103669	0.447938	-2.23245	0.0495509	2.74884	2.74884	0.025804	3.30213	3.30213	0.153862	1.9917	1.9917	2.94448	9.4974	2.86711	1
cg26774385	PPARD;PPARD	0.0715675	0.277803	0.733876	-1.36263	0.400482	1.26611	1.26611	0.12459	0.633904	-1.57753	0.264108	0.72678	-1.37593	0.00392362	0.345014	-2.89843	0.180415	0.677084	-1.47692	0.983773	0.99444	-1.00559	0.0508119	0.543338	-1.84047	0.137522	0.645013	-1.55036	2.94445	3.50515	1.05816	1
cg07418087	PABPC1	0.0715683	0.734588	0.923705	-1.0826	0.395172	0.816201	-1.22519	0.640503	0.896112	-1.11593	0.499339	1.17343	1.17343	0.128292	0.681531	-1.46729	0.976828	1.0068	1.0068	0.0019099	0.358696	-2.78788	0.0958438	0.652735	-1.53202	0.783379	0.937751	-1.06638	2.94443	2.53645	0.765725	1
cg27637948	MLLT4;MLLT4;C6orf124;MLLT4	0.0715695	0.720242	0.930594	-1.07458	0.0160804	1.80258	1.80258	0.111356	1.41466	1.41466	0.0808867	1.47279	1.47279	0.785808	1.056	1.056	0.0413234	1.60117	1.60117	0.375515	1.19952	1.19952	0.0281036	1.67996	1.67996	0.0371718	1.62238	1.62238	2.94441	1.8657	0.563235	1
cg07035875	TOX3;TOX3	0.0715712	0.0357196	0.476303	-2.0995	0.153408	0.628823	-1.59027	0.689194	1.12976	1.12976	0.398219	0.769131	-1.30017	0.135613	0.613791	-1.62922	0.194715	1.51632	1.51632	0.0154897	2.46261	2.46261	0.921199	0.970418	-1.03048	0.694868	0.887243	-1.12709	2.94438	4.2947	1.29654	1
cg18651932	STBD1	0.0715712	0.025538	0.393927	-2.53854	0.251477	0.656639	-1.52291	0.29446	1.46484	1.46484	0.844181	0.933246	-1.07153	0.481825	1.2853	1.2853	0.162178	0.592177	-1.68869	0.608369	1.19895	1.19895	0.225459	0.639593	-1.5635	0.00801952	0.303406	-3.29592	2.94438	5.74766	1.73518	1
cg13370420	DACT3	0.0715721	0.622359	1.06162	1.06162	0.248291	0.864697	-1.15647	0.476801	1.09105	1.09105	0.76653	0.96477	-1.03652	0.107601	1.23555	1.23555	0.407479	0.902973	-1.10745	0.0342553	0.742649	-1.34653	0.00764406	0.661638	-1.5114	0.570159	0.933213	-1.07157	2.94437	0.676595	0.20426	1
cg02495604	HPCAL4	0.0715733	0.227502	0.758017	-1.31923	0.746461	0.931516	-1.07352	0.249495	1.30109	1.30109	0.217917	0.753186	-1.32769	0.188597	0.737396	-1.35612	0.141674	0.707816	-1.4128	0.00343894	0.419376	-2.3845	0.262986	0.774753	-1.29073	0.470155	1.17431	1.17431	2.94435	2.23016	0.673278	1
cg27602981	ANKRD11	0.0715739	0.995054	1.00177	1.00177	0.0431625	0.514738	-1.94274	0.27917	1.37876	1.37876	0.0198155	0.44795	-2.23239	0.0242348	0.464465	-2.15301	0.197768	0.677994	-1.47494	0.520722	0.83041	-1.20422	0.732968	1.1027	1.1027	0.0664527	0.555681	-1.79959	2.94434	3.80003	1.14722	1
cg07611000	EHBP1L1	0.0715742	0.0271171	0.299216	-3.34207	0.379706	1.51535	1.51535	0.0817844	2.43415	2.43415	0.994361	1.00326	1.00326	0.216368	0.548786	-1.8222	0.660258	0.815444	-1.22633	0.0101398	0.224055	-4.46318	0.634519	0.801807	-1.24718	0.675717	0.82362	-1.21415	2.94433	9.92071	2.99505	1
cg00180666	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0715746	0.0908546	0.28544	-3.50337	0.0608845	0.241238	-4.14529	0.144578	0.348285	-2.87121	0.869585	0.8953	-1.11694	0.0408954	0.204265	-4.8956	0.270895	0.462313	-2.16304	0.00793952	0.101167	-9.88467	0.0265352	0.170364	-5.86977	0.175776	0.379495	-2.63508	2.94433	21.1243	6.37739	1
cg20994084	SLC38A10;SLC38A10	0.0715792	0.164568	0.733751	-1.36286	0.587417	0.891922	-1.12117	0.0876109	1.4824	1.4824	0.853416	1.03937	1.03937	0.334695	0.812438	-1.23086	0.0246951	0.572128	-1.74786	0.844307	1.0419	1.0419	0.83307	0.956892	-1.04505	0.0186899	1.81315	1.81315	2.94425	2.03254	0.613636	1
cg25608547	LAMA2;LAMA2	0.0715795	0.234592	1.39795	1.39795	0.0166125	2.19569	2.19569	0.251429	1.38013	1.38013	0.128666	1.5551	1.5551	0.118466	1.57733	1.57733	0.72998	1.09764	1.09764	0.00491674	2.72339	2.72339	0.144614	1.52397	1.52397	0.0941993	1.64008	1.64008	2.94425	3.37126	1.01781	1
cg22211233	MCCC1	0.0715806	0.567108	0.871951	-1.14685	0.00273195	0.375387	-2.66392	0.883193	0.965777	-1.03544	0.773709	1.07067	1.07067	0.742411	1.08125	1.08125	0.48707	1.18205	1.18205	0.0760933	0.626558	-1.59602	0.228099	0.741079	-1.34938	0.411035	1.22032	1.22032	2.94423	2.61608	0.789818	1
cg05956150	RORA	0.0715806	0.10218	0.426282	-2.34586	0.00453055	0.164822	-6.06717	0.0607408	0.365023	-2.73955	0.193783	0.51923	-1.92593	0.306128	0.603458	-1.65712	0.165896	0.494436	-2.02251	0.0275382	0.288696	-3.46385	0.0806508	0.397111	-2.51819	0.412716	0.670852	-1.49064	2.94423	10.5956	3.1989	1
cg01468907	CRISPLD2	0.0715814	0.430111	1.42044	1.42044	0.192625	0.548308	-1.82379	0.184249	0.541296	-1.84742	0.31718	1.56927	1.56927	0.937561	1.03473	1.03473	0.0700965	0.41376	-2.41686	0.00512112	0.199555	-5.01114	0.324725	0.641991	-1.55765	0.125093	0.485064	-2.06159	2.94421	8.85543	2.67355	1
cg24913349	LIFR;LIFR	0.071584	0.462662	0.873798	-1.14443	0.89323	0.97606	-1.02453	0.0415562	1.52811	1.52811	0.0191035	0.599414	-1.66829	0.681896	1.0772	1.0772	0.0710899	0.69502	-1.43881	0.826312	0.961121	-1.04045	0.0655625	0.688724	-1.45196	0.391498	1.17166	1.17166	2.94417	1.51823	0.458376	1
cg02918903	HTR2C	0.0715845	0.0444298	10.2772	10.2772	0.883249	0.862159	-1.15988	0.892267	1.14657	1.14657	0.638918	1.61124	1.61124	0.515303	1.94618	1.94618	0.38291	0.405299	-2.46732	0.169292	4.38396	4.38396	0.00630969	36.2433	36.2433	0.0307556	12.9479	12.9479	2.94416	47.5029	14.3419	1
cg03486157	DUSP4	0.0715873	0.381119	1.22944	1.22944	0.303243	1.27786	1.27786	0.0592765	1.63167	1.63167	0.809192	0.945895	-1.0572	0.830766	0.95198	-1.05044	0.375083	0.811133	-1.23284	0.39743	1.22046	1.22046	0.386865	1.22624	1.22624	0.00250053	2.62672	2.62672	2.94412	2.46518	0.744288	1
cg08766170	WBSCR17	0.0715888	0.0846387	0.277921	-3.59815	0.0471372	0.217598	-4.59562	0.0796817	0.27096	-3.69058	0.656647	0.740539	-1.35037	0.00642062	0.0925307	-10.8072	0.128211	0.331548	-3.01616	0.56303	0.675327	-1.48076	0.044026	0.211492	-4.72832	0.069286	0.255542	-3.91326	2.94409	21.0161	6.34526	1
cg22563040	ARL15	0.0715901	0.602835	0.922193	-1.08437	0.0274021	0.668558	-1.49576	0.460145	1.12303	1.12303	0.258446	0.833652	-1.19954	0.282689	0.841773	-1.18797	0.0294335	0.673186	-1.48547	0.0337554	1.46602	1.46602	0.602553	1.08444	1.08444	0.505319	0.900958	-1.10993	2.94407	1.11014	0.335178	1
cg16256719	HIST3H3	0.0715911	0.391182	0.848914	-1.17798	0.316884	1.21277	1.21277	0.240258	1.25764	1.25764	0.93462	1.01541	1.01541	0.859137	0.967423	-1.03367	0.0145809	1.75219	1.75219	0.0202551	1.68523	1.68523	0.241579	0.795701	-1.25675	0.207454	0.780492	-1.28124	2.94405	1.62071	0.489336	1
cg00467652	HYAL2;HYAL2	0.071592	0.705833	1.12253	1.12253	0.00997435	2.69617	2.69617	0.0188021	2.3813	2.3813	0.358926	1.33315	1.33315	0.271519	0.705451	-1.41753	0.135601	1.63277	1.63277	0.580004	0.843344	-1.18576	0.843495	1.0621	1.0621	0.368895	0.754797	-1.32486	2.94404	4.33231	1.30805	1
ch.20.682629F	GSS	0.0715937	0.781908	1.07473	1.07473	0.109591	1.57304	1.57304	0.896161	1.03449	1.03449	0.0158711	0.464322	-2.15368	0.0845757	0.60932	-1.64117	0.228565	1.38843	1.38843	0.163581	0.679698	-1.47124	0.497051	0.836053	-1.1961	0.121118	1.54727	1.54727	2.94401	3.14453	0.949433	1
cg23537141	ZMIZ1	0.0715939	0.0303159	0.761261	-1.31361	0.372501	1.10306	1.10306	0.584548	1.06093	1.06093	0.552702	1.06646	1.06646	0.724265	0.962767	-1.03867	0.408651	0.913442	-1.09476	0.0397683	1.29004	1.29004	0.16842	1.17027	1.17027	0.0381787	0.773066	-1.29355	2.94401	0.535119	0.161569	1
cg11688696	EFNA3	0.0715939	0.0119824	0.178929	-5.58882	0.242018	1.87381	1.87381	0.0673934	2.93994	2.93994	0.0527031	0.311835	-3.20683	0.376827	0.630198	-1.5868	0.537021	1.37263	1.37263	0.661128	1.24983	1.24983	0.650489	1.2594	1.2594	0.477499	1.44265	1.44265	3.47695	13.3437	2.55851	1
cg01215211	LOC91149	0.0715952	0.60449	1.07566	1.07566	0.00744122	0.6181	-1.61786	0.210365	0.831743	-1.20229	0.0957605	1.29095	1.29095	0.407338	0.888425	-1.12559	0.0627211	0.746538	-1.33952	0.681778	0.944079	-1.05923	0.143501	0.802996	-1.24534	0.244607	0.843752	-1.18518	2.94399	0.908374	0.274269	1
cg01637482	FAHD1;FAHD1	0.0715961	0.0272364	0.14981	-6.6751	0.0669174	0.224901	-4.44639	0.154332	0.330329	-3.02729	0.619722	0.695299	-1.43823	0.0326518	0.162656	-6.14794	0.170075	0.345919	-2.89085	0.00856558	0.0874794	-11.4313	0.0815912	0.246056	-4.06411	0.146972	0.322805	-3.09784	2.94397	24.6066	7.4296	1
cg17877786	POLR3GL	0.0715969	0.0522069	0.242916	-4.11665	0.313837	0.512989	-1.94936	0.115003	0.333472	-2.99875	0.262899	0.473331	-2.11269	0.00308286	0.0745966	-13.4054	0.291417	0.495836	-2.0168	0.116136	0.334807	-2.98679	0.231055	0.447072	-2.23678	0.0464055	0.231794	-4.31418	2.94396	19.1456	5.78075	1
cg27579097	JMJD8;WDR24	0.0715974	0.0355277	0.208322	-4.80025	0.315716	0.514323	-1.9443	0.815075	1.16203	1.16203	0.569178	0.691585	-1.44595	0.0220225	0.171969	-5.81501	0.0487566	0.236312	-4.2317	0.0206711	0.167624	-5.96575	0.0526207	0.243595	-4.10518	0.0984068	0.312948	-3.19542	2.94395	19.155	5.78363	1
cg07717903	PCDHGA4;PCDHGA1;PCDHGA6;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA6;PCDHGB2;PCDHGB3	0.0715984	0.0595155	4.13	4.13	0.198279	2.47603	2.47603	0.0552522	4.25918	4.25918	0.198707	2.47366	2.47366	0.0298902	5.49501	5.49501	0.13594	2.91977	2.91977	0.0176056	6.86158	6.86158	0.0343153	5.18846	5.18846	0.0366338	5.04956	5.04956	2.94393	20.7334	6.26023	1
cg17395513	TRIM13;KCNRG;TRIM13;TRIM13;TRIM13;KCNRG;DLEU2	0.0715987	0.0641445	0.59928	-1.66867	0.123715	0.663407	-1.50737	0.407599	1.23183	1.23183	0.0660443	0.601965	-1.66123	0.297578	0.766602	-1.30446	0.0670154	0.603313	-1.65751	0.0511562	1.72743	1.72743	0.718124	0.914642	-1.09332	0.270168	1.32658	1.32658	2.94393	2.82468	0.852882	1
cg11631334	MFI2	0.071599	0.166562	1.24625	1.24625	0.060832	0.729494	-1.37081	0.258351	1.19247	1.19247	0.0458166	1.40731	1.40731	0.751622	0.953715	-1.04853	0.548572	1.09483	1.09483	0.115505	0.774629	-1.29094	0.0460105	1.40676	1.40676	0.351754	0.866729	-1.15376	2.94392	1.03861	0.313599	1
cg23198998	RAET1G	0.0715996	0.174888	0.702396	-1.4237	0.0829816	1.59993	1.59993	0.0313707	1.8555	1.8555	0.156475	1.44932	1.44932	0.443704	1.21068	1.21068	0.737868	0.921057	-1.08571	0.379147	0.801804	-1.24719	0.833933	1.05274	1.05274	0.0134445	2.11544	2.11544	2.94391	2.79463	0.843814	1
cg00218406	HCP5	0.0716017	0.512971	0.818979	-1.22103	0.27408	1.40852	1.40852	0.00379922	0.308813	-3.23821	0.277284	0.711713	-1.40506	0.423035	1.27928	1.27928	0.241483	1.44632	1.44632	0.843883	0.942383	-1.06114	0.812684	0.931044	-1.07406	0.106132	0.587929	-1.70089	2.94388	4.22368	1.27532	1
cg04308938	ZNF217	0.0716018	0.307936	1.37636	1.37636	0.0162332	0.410723	-2.43473	0.0539226	0.515647	-1.93931	0.635286	0.865348	-1.1556	0.265034	1.42134	1.42134	0.436542	0.786427	-1.27157	0.0487347	1.97654	1.97654	0.585197	1.18155	1.18155	0.476278	0.803131	-1.24513	2.94388	4.27176	1.28984	1
cg10526841	TRIM26	0.0716028	0.806024	0.919434	-1.08763	0.348644	0.719338	-1.39017	0.167419	0.605063	-1.65272	0.417652	0.753684	-1.32682	0.00162509	0.213997	-4.67296	0.246764	0.661326	-1.51211	0.529817	0.804685	-1.24272	0.59606	1.20039	1.20039	0.127788	0.569983	-1.75444	2.94386	5.4347	1.64099	1
cg04155485	MIR589;FBXL18	0.0716033	0.0109574	0.19589	-5.10491	0.61439	1.29615	1.29615	0.526491	0.720697	-1.38755	0.0390714	0.295384	-3.38543	0.0420443	0.302337	-3.30756	0.342695	0.607036	-1.64735	0.0958437	0.392989	-2.5446	0.0972718	0.394863	-2.53252	0.0471794	0.313589	-3.18889	2.94385	12.1563	3.67057	1
cg17095278	ELTD1	0.0716037	0.897049	0.960514	-1.04111	0.00200624	0.257462	-3.88407	0.683488	0.880232	-1.13606	0.953605	0.982056	-1.01827	0.529626	0.820228	-1.21917	0.445353	1.27394	1.27394	0.46062	0.791542	-1.26336	0.176357	1.56413	1.56413	0.325064	0.728875	-1.37198	2.94384	4.51555	1.36346	1
cg00805874	ZBTB12	0.0716053	0.175863	0.806235	-1.24033	0.778985	0.958771	-1.043	0.115394	0.774032	-1.29194	0.379831	1.14433	1.14433	0.52027	1.10244	1.10244	0.942726	1.01081	1.01081	0.438976	1.12539	1.12539	0.932498	1.01276	1.01276	0.00285163	0.540936	-1.84865	2.94382	1.0441	0.315268	1
cg04763156	JPH3	0.0716068	0.600558	0.775443	-1.28958	0.0142832	4.28244	4.28244	0.281986	1.71293	1.71293	0.498999	1.39149	1.39149	0.585352	0.767049	-1.3037	0.948262	1.03173	1.03173	0.0116198	0.219034	-4.5655	0.319292	1.64122	1.64122	0.798142	0.883936	-1.1313	2.94379	10.8038	3.26225	1
cg04215359	FMNL2	0.0716078	0.937362	0.983313	-1.01697	0.292004	0.791299	-1.26375	0.557443	1.13545	1.13545	0.0583486	0.63255	-1.5809	0.0216898	0.554272	-1.80417	0.747533	1.07159	1.07159	0.0456795	1.6332	1.6332	0.112606	1.44743	1.44743	0.55677	1.1357	1.1357	2.94378	2.13716	0.645326	1
cg11898347	SRY	0.0716081	0.162909	3.24373	3.24373	0.0285776	7.69634	7.69634	0.0056207	17.6688	17.6688	?	?	?	?	?	?	0.809428	1.21031	1.21031	0.921421	0.925011	-1.08107	0.878198	1.1288	1.1288	0.556731	1.59934	1.59934	3.02939	23.291	8.78669	1
cg13211832	WDR27	0.0716085	0.622433	0.799183	-1.25128	0.373283	0.661789	-1.51105	0.604974	0.790036	-1.26576	0.384916	0.668748	-1.49533	0.0102225	0.231687	-4.31618	0.00778035	0.213647	-4.68061	0.122377	0.469468	-2.13007	0.326211	1.58062	1.58062	0.263028	0.590354	-1.6939	2.94376	9.51066	2.87181	1
cg07661899	TENC1;TENC1;TENC1	0.0716093	0.331537	0.719877	-1.38913	0.0367226	0.451057	-2.21701	0.184046	0.629824	-1.58775	0.525688	0.809801	-1.23487	0.0929614	0.545321	-1.83378	0.871065	1.05474	1.05474	0.150133	0.602841	-1.65881	0.0198898	2.51471	2.51471	0.388459	1.33639	1.33639	2.94375	5.01798	1.51522	1
cg05951178	SNORD116-17;SNORD116-19	0.07161	0.384982	0.658852	-1.51779	0.0405724	0.330277	-3.02776	0.916167	1.05056	1.05056	0.625641	1.25902	1.25902	0.0396743	0.328132	-3.04755	0.0733909	0.3925	-2.54777	0.0613432	2.68461	2.68461	0.765767	1.15023	1.15023	0.0721094	0.390485	-2.56092	2.94374	10.2315	3.08949	1
ch.11.1652751	C11orf30	0.0716106	0.933811	0.95	-1.05263	?	?	?	0.716572	1.25268	1.25268	0.00189476	0.0561747	-17.8016	0.506105	0.658678	-1.51819	0.820624	0.869119	-1.15059	0.816068	1.15479	1.15479	0.440074	0.614052	-1.62853	0.801129	1.16871	1.16871	3.19877	16.8096	4.59815	1
cg04515677	IFRD1;IFRD1	0.0716119	0.688168	1.05046	1.05046	0.79301	0.968422	-1.03261	0.0262798	1.3793	1.3793	0.602463	0.937893	-1.06622	0.0529076	0.764581	-1.30791	0.595466	0.93671	-1.06757	0.013653	1.45094	1.45094	0.485147	1.0904	1.0904	0.325216	1.13196	1.13196	2.94371	0.694083	0.209587	1
cg10566578	UNC119B	0.0716123	0.0695954	0.402226	-2.48617	0.340964	0.643802	-1.55327	0.126761	0.476539	-2.09846	0.455868	0.711194	-1.40609	0.00592169	0.198804	-5.03008	0.0894495	0.431577	-2.31708	0.0139956	0.256199	-3.90322	0.253689	0.585711	-1.70733	0.157043	0.507047	-1.9722	2.9437	9.38878	2.83507	1
cg10982664	BHMT	0.0716135	0.101843	2.41259	2.41259	0.778805	0.87068	-1.14853	0.481479	1.42173	1.42173	0.323314	1.65151	1.65151	0.0852979	2.54862	2.54862	0.214572	1.90133	1.90133	0.00323244	7.21104	7.21104	0.0672328	2.74192	2.74192	0.0968695	2.45036	2.45036	2.94368	11.2757	3.40486	1
cg08839913	SPG11;SPG11	0.0716166	0.827693	1.03894	1.03894	0.0135241	1.70857	1.70857	0.189324	1.27592	1.27592	0.309327	1.20247	1.20247	0.0625416	0.69259	-1.44386	0.162413	0.769994	-1.29871	0.240901	0.806419	-1.24005	0.368185	0.850457	-1.17584	0.32132	0.835637	-1.19669	2.94363	1.43176	0.43235	1
cg12627751	CCL1	0.0716177	0.855597	0.907266	-1.10221	0.442955	1.51877	1.51877	0.0383549	0.277473	-3.60396	0.238099	0.516758	-1.93514	0.0733091	0.344073	-2.90636	0.816347	1.13234	1.13234	0.013131	0.193381	-5.17113	0.0217284	0.229501	-4.35727	0.64214	0.778786	-1.28405	2.94361	13.3058	4.01797	1
cg02633599	B3GNT2	0.0716178	0.909335	1.08127	1.08127	0.0758203	4.09563	4.09563	?	?	?	?	?	?	0.122707	0.306897	-3.25843	0.17735	2.73272	2.73272	0.123861	0.308265	-3.24396	0.0280261	0.150282	-6.65417	0.332882	0.500199	-1.99921	3.55615	19.621	4.72926	1
cg00289429	ABCC8	0.0716198	0.620309	0.913412	-1.0948	0.759647	1.05723	1.05723	0.0817393	1.41884	1.41884	0.780747	1.05191	1.05191	0.236349	0.798496	-1.25235	0.992507	1.0017	1.0017	0.00517332	0.511992	-1.95316	0.147374	1.32571	1.32571	0.416985	1.16234	1.16234	2.94358	1.53329	0.463015	1
ch.18.1546242	ATP9B	0.0716245	0.0346649	0.228579	-4.37486	0.0230234	0.196077	-5.10005	0.0225867	0.194666	-5.137	0.0295915	0.215454	-4.64135	0.116321	0.359614	-2.78076	0.597358	0.726546	-1.37637	0.0380566	0.236674	-4.22521	0.359836	0.568815	-1.75804	0.654324	0.763303	-1.3101	2.9435	16.7433	5.05619	1
cg00815484	MAD1L1;MAD1L1;MAD1L1	0.0716252	0.235389	0.312176	-3.20332	0.749143	1.35032	1.35032	0.785136	0.774274	-1.29153	0.727263	1.38789	1.38789	0.0178193	0.0674375	-14.8285	0.0718988	0.152455	-6.55932	0.00531337	0.0321075	-31.1454	0.87083	0.858694	-1.16456	0.397137	0.444113	-2.25168	2.94349	40.855	12.3376	1
cg17696731	IQSEC1	0.0716271	0.0450308	0.477905	-2.09247	0.0900576	0.548957	-1.82164	0.164618	0.621298	-1.60953	0.305024	0.711083	-1.40631	0.0241235	0.421773	-2.37094	0.0357584	0.456419	-2.19097	0.0206558	0.40875	-2.44648	0.0289378	0.43749	-2.28577	0.201252	0.648394	-1.54227	2.94346	4.80387	1.45071	1
cg01704198	CLASP2	0.0716294	0.101577	0.353141	-2.83173	0.118218	0.373434	-2.67785	0.85729	1.11019	1.11019	0.48482	0.662173	-1.51018	0.0226092	0.204879	-4.88092	0.0402162	0.252477	-3.96076	0.0288261	0.223825	-4.46777	0.0181031	0.188836	-5.29561	0.181525	0.438839	-2.27874	2.94342	15.72	4.74732	1
cg10372421	CACNA1H;CACNA1H	0.0716317	0.0291729	0.410701	-2.43486	0.537638	0.805664	-1.24121	0.812268	1.08586	1.08586	0.269207	0.6714	-1.48943	0.00660863	0.294993	-3.38991	0.0829242	0.514394	-1.94403	0.0252919	0.398191	-2.51136	0.308476	0.694231	-1.44044	0.614673	0.838832	-1.19213	2.94338	5.58807	1.68757	1
cg22130067	GYG2;GYG2	0.071634	0.0522091	0.234484	-4.26468	0.00626736	0.0963976	-10.3737	0.0324797	0.193178	-5.17657	0.334471	0.520075	-1.9228	0.0404177	0.211236	-4.73405	0.234223	0.440859	-2.2683	0.116458	0.326158	-3.066	0.101877	0.308487	-3.24162	0.228825	0.436272	-2.29215	2.94334	20.1097	6.07314	1
cg06196755	TSHZ3	0.0716346	0.342287	1.17629	1.17629	0.559431	1.1029	1.1029	0.9364	1.01333	1.01333	0.966558	0.993067	-1.00698	0.894299	1.0223	1.0223	0.254503	1.21827	1.21827	0.00196378	0.483787	-2.06703	0.605407	1.09033	1.09033	0.553079	0.905227	-1.1047	2.94333	1.28362	0.387653	1
cg15928398	ST6GAL1;ST6GAL1	0.0716349	0.781065	1.14407	1.14407	0.0364398	3.23701	3.23701	0.340546	0.62221	-1.60717	0.394214	1.52435	1.52435	0.0124512	0.222619	-4.49198	0.231907	1.83249	1.83249	0.87128	0.924654	-1.08149	0.0841678	2.51687	2.51687	0.612296	1.28003	1.28003	2.94333	10.8783	3.28528	1
cg00549234	DDX46	0.0716365	0.267673	0.76175	-1.31277	0.122074	1.48432	1.48432	0.0649926	0.613631	-1.62964	0.882584	1.03545	1.03545	0.690163	0.909884	-1.09904	0.00887122	0.456127	-2.19237	0.578692	1.14134	1.14134	0.771079	1.07118	1.07118	0.0583338	0.603986	-1.65567	2.9433	2.58936	0.781998	1
cg23835812	CHMP2B	0.0716383	0.344137	1.1334	1.1334	0.0100364	1.51832	1.51832	0.661328	0.944927	-1.05828	0.878631	0.980555	-1.01983	0.436788	1.10732	1.10732	0.0231309	1.41761	1.41761	0.0658568	0.767043	-1.30371	0.807298	1.0319	1.0319	0.830608	1.02791	1.02791	2.94327	0.769744	0.232468	1
cg01484296	ALOX12P2	0.0716388	0.919273	0.967514	-1.03358	0.433997	1.29702	1.29702	0.00697708	3.11698	3.11698	0.260778	1.46535	1.46535	0.219476	0.656613	-1.52297	0.148528	0.603609	-1.6567	0.758886	1.1055	1.1055	0.233262	0.665543	-1.50253	0.107467	1.77237	1.77237	2.94326	4.9471	1.49406	1
cg02636177	SLC4A4;SLC4A4	0.071639	0.891966	0.93441	-1.07019	0.903214	0.941074	-1.06262	0.662095	0.802891	-1.2455	0.0133791	0.216661	-4.61551	0.00648328	0.170894	-5.85159	0.556374	0.743031	-1.34584	0.413382	0.658712	-1.51812	0.206321	0.514034	-1.9454	0.0333865	0.289056	-3.45954	2.94326	11.6179	3.5087	1
cg08732611	ZMPSTE24	0.0716394	0.739098	1.0989	1.0989	0.159978	1.52746	1.52746	0.628152	0.871355	-1.14764	0.152517	1.54092	1.54092	0.0054866	0.356913	-2.8018	0.887409	0.960817	-1.04078	0.32067	0.748626	-1.33578	0.264243	1.38865	1.38865	0.215522	1.44457	1.44457	2.94325	3.71101	1.12076	1
cg02280908	FOSL2;FOSL2	0.0716412	0.0338276	1.26515	1.26515	0.569911	1.05601	1.05601	0.198336	1.13772	1.13772	0.380651	1.0891	1.0891	0.550286	0.944251	-1.05904	0.927303	0.991376	-1.0087	0.794771	1.02505	1.02505	0.00453383	1.4318	1.4318	0.231888	0.887801	-1.12638	2.94322	0.419932	0.126825	1
cg00714762	KLHL11	0.0716435	0.333845	0.798165	-1.25287	0.0434529	1.69082	1.69082	0.0488319	1.66334	1.66334	0.0779807	1.5573	1.5573	0.394485	1.21806	1.21806	0.0889797	1.52846	1.52846	0.797214	1.05997	1.05997	0.575235	1.13661	1.13661	0.0488941	0.601309	-1.66304	2.94318	2.38443	0.720135	1
cg00843976	LUZP6;MTPN	0.0716473	0.222942	1.61597	1.61597	0.168477	0.576982	-1.73316	0.353797	0.699404	-1.42979	0.171922	1.72454	1.72454	0.229133	1.60472	1.60472	0.213426	1.63395	1.63395	0.00730515	3.65589	3.65589	0.0858989	2.03658	2.03658	0.203103	1.6545	1.6545	2.94312	6.54646	1.97718	1
cg13523713	PLA2G4C;PLA2G4C;PLA2G4C	0.0716473	0.117617	2.60072	2.60072	0.0725445	3.08582	3.08582	0.0953185	2.80283	2.80283	0.353089	0.584282	-1.7115	0.271924	1.90251	1.90251	0.506632	0.684589	-1.46073	0.0161011	5.23961	5.23961	0.0408435	3.77212	3.77212	0.0886016	2.87619	2.87619	2.94312	14.7431	4.45273	1
cg17360330	STX18	0.0716482	0.410063	1.42408	1.42408	0.317703	0.648289	-1.54252	0.969173	0.983914	-1.01635	0.173771	1.83543	1.83543	0.838937	1.08916	1.08916	0.615114	1.23706	1.23706	0.0083449	4.11481	4.11481	0.0663768	2.37272	2.37272	0.0169442	3.39466	3.39466	2.94311	8.20844	2.47915	1
cg17275624	ZNF398;ZNF398	0.0716482	0.318852	0.844769	-1.18376	0.418475	0.873389	-1.14497	0.238171	0.816839	-1.22423	0.869529	1.02728	1.02728	0.775772	1.04787	1.04787	0.668096	1.07318	1.07318	0.00225168	2.01405	2.01405	0.535683	0.902397	-1.10816	0.65183	0.928322	-1.07721	2.94311	1.24978	0.377465	1
cg27380724	BRSK1	0.071651	0.0746107	0.737469	-1.35599	0.0232356	1.51584	1.51584	0.115544	0.769262	-1.29995	0.539271	1.09999	1.09999	0.444617	1.12692	1.12692	0.229155	1.21348	1.21348	0.0502604	1.40806	1.40806	0.153649	1.26394	1.26394	0.789328	1.04192	1.04192	2.94306	1.09588	0.330989	1
cg00128188	IDI1	0.0716511	0.203362	1.17929	1.17929	0.113321	0.809252	-1.23571	0.0244388	0.719424	-1.39	0.270895	1.15118	1.15118	0.656937	0.946577	-1.05644	0.0560994	1.30439	1.30439	0.140523	0.823056	-1.21498	0.227984	1.16815	1.16815	0.723954	1.04452	1.04452	2.94306	0.70316	0.212375	1
cg22615000	PATZ1;PATZ1;PATZ1;PATZ1;PATZ1;PATZ1;PATZ1;PATZ1	0.0716527	0.0236675	0.632618	-1.58073	0.07428	1.40092	1.40092	0.279316	1.21005	1.21005	0.854134	1.03169	1.03169	0.0860628	0.725049	-1.37922	0.770611	0.951648	-1.05081	0.707101	1.06608	1.06608	0.109038	1.34479	1.34479	0.0991661	1.35854	1.35854	2.94303	1.33929	0.404507	1
cg06736785	PLXNA4;PLXNA4;PLXNA4	0.0716528	0.334135	0.561687	-1.78035	0.0746139	3.15825	3.15825	0.348684	0.571974	-1.74833	0.372942	0.588816	-1.69832	0.044098	0.262011	-3.81664	0.257742	0.504661	-1.98153	0.00611963	0.125981	-7.93773	0.449829	0.640247	-1.5619	0.48358	0.662152	-1.51023	2.94303	15.6285	4.7203	1
cg17974398	HLA-C	0.0716538	0.00913506	0.523002	-1.91204	0.0779967	0.68159	-1.46716	0.077923	0.681511	-1.46733	0.0801525	0.683868	-1.46227	0.252403	0.79135	-1.26366	0.105371	0.707287	-1.41385	0.186628	0.760312	-1.31525	0.481832	1.1502	1.1502	0.373813	1.19566	1.19566	2.94301	1.78584	0.539384	1
cg22945457	LBR;LBR	0.0716565	0.0407445	0.231906	-4.31209	0.0124825	0.14617	-6.84134	0.0222811	0.183656	-5.44496	0.141642	0.376169	-2.65838	0.0343923	0.217264	-4.60269	0.174282	0.408974	-2.44515	0.117829	0.349686	-2.85971	0.167527	0.402454	-2.48476	0.0948704	0.32123	-3.11303	2.94297	17.8403	5.38846	1
cg17568611	CAMK1D;CAMK1D	0.0716566	0.0651011	0.49322	-2.02749	0.143663	0.584961	-1.70951	0.176766	0.61261	-1.63236	0.824432	1.07878	1.07878	0.0805306	0.516069	-1.93773	0.145499	0.586604	-1.70473	0.00515344	0.283463	-3.5278	0.396614	1.3448	1.3448	0.249124	0.662923	-1.50847	2.94297	5.42863	1.63965	1
cg01831657	COL23A1	0.0716572	0.231078	0.421204	-2.37415	0.0102472	0.107805	-9.27597	0.0309994	0.175003	-5.71419	0.414799	0.563419	-1.77488	0.0850659	0.26968	-3.7081	0.52344	0.640779	-1.5606	0.0125021	0.117816	-8.48783	0.105343	0.295859	-3.37999	0.61946	0.708521	-1.41139	2.94296	22.0804	6.66914	1
cg17127511	PODN	0.0716582	0.0152589	0.283132	-3.53193	0.0350007	0.353276	-2.83065	0.132244	0.50255	-1.98985	0.539173	1.30124	1.30124	0.182306	0.549078	-1.82124	0.0681565	0.421018	-2.3752	0.0285509	0.334771	-2.98712	0.937726	0.967447	-1.03365	0.117065	0.486231	-2.05663	2.94294	8.36114	2.52541	1
cg15216232	IL12B	0.0716604	0.885047	0.948526	-1.05427	0.019825	0.357876	-2.79426	0.0373181	0.413596	-2.41782	0.481707	0.7701	-1.29853	0.0468637	0.435538	-2.29601	0.901261	0.95567	-1.04639	0.853421	0.934669	-1.0699	0.0102251	0.306443	-3.26325	0.139787	0.559666	-1.78678	2.9429	6.21986	1.87868	1
cg05992185	GGT7	0.0716637	0.806817	0.923107	-1.0833	0.213023	1.5397	1.5397	0.0169163	0.374579	-2.66966	0.841413	1.06761	1.06761	0.514967	0.80572	-1.24113	0.507991	0.802729	-1.24575	0.0142078	0.360073	-2.77722	0.565046	1.2095	1.2095	0.0481573	0.470955	-2.12335	3.16074	5.22342	1.28535	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1-vs-1437 vs. N)	p-value(1453 vs. N)	Fold-Change(1-vs-1453 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5-vs-5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5-vs-5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg09860781	NPAS2;NPAS2	0.0716649	0.0285274	17.795	17.3795	1.0207251	4.34687	-4.34687	0.108276	6.9208	6.9208	0.0828808	8.33905	8.33905	0.0576779	10.7132	10.7132	0.0406797	13.6134	13.6134	0.0260012	18.5303	18.5303	0.0199589	22.2393	22.2393	0.150572	5.487	5.487	2.94283	56.8981	17.1862	1
cg12532028	ASF1B	0.0716657	0.01371	65.2011	-1.53372	3.309996	0.871103	-1.14797	23.23807	0.839356	-1.19139	0.141135	0.800844	-1.24868	0.052362	3.27627	0.5964	-1.67673	0.2588333	0.847625	-1.17977	2.234033	0.839403	-1.19132	0.071698	0.754134	-1.32602	0.107542	0.781559	-1.27949	2.94282	0.917774	0.2772171	1
cg27289628	LOC148145	0.0716673	0.3190779	0.835173	-1.19736	0.204544	1.263388	1.263388	0.0106325	0.570135	-1.75397	0.432327	1.15047	1.15047	0.438602	0.87093	-1.1482	0.189317	1.27535	1.27535	0.029307	0.638207	-1.56695	0.636544	0.92011	-1.08683	0.3637053	0.849349	-1.17737	2.94279	1.42608	0.430756	1
cg08647910	SGK1;SGK1;SGK1;SGK1;SGK1	0.0716675	0.7819995	1.05719	1.05719	0.0469429	1.57766	1.57766	0.1133503	1.43235	1.41235	0.7142977	1.07065	1.07065	0.540489	1.13227	1.13227	0.27141	0.794897	-1.25802	0.116612	0.710099	-1.40825	0.171702	0.746991	-1.3387	0.0187205	1.77041	1.77041	2.94279	1.87328	0.565836	1
cg16930811	CAMKV	0.0716677	0.117145	1.73446	1.73446	0.786739	0.915999	-1.0917	0.798582	1.08625	1.08625	0.651429	1.15853	1.15853	0.0533312	0.491549	-2.03439	0.932326	0.972894	-1.02786	0.0132741	2.24921	2.24921	0.0297633	0.437118	-2.28771	0.232359	1.49965	1.49965	2.94278	4.87901	1.47374	1
cg00744656	FOXA1	0.0716683	0.6490099	0.90251	-1.10832	0.3040458	1.26915	1.26915	0.0211292	1.86052	1.86052	0.0381733	5.58391	-1.71292	0.476488	0.850353	-1.17598	0.0788838	0.645443	-1.54932	0.444102	1.19089	1.19089	0.50198	0.8584402	-1.16483	0.167068	1.39072	1.39072	2.94277	2.33684	0.705863	1
cg01015062	MRPL39;MRPL39	0.0716684	0.0550729	0.166576	-6.00326	0.127379	0.257053	-3.89024	0.309611	0.420457	-2.37837	0.548573	0.606406	-1.64906	0.0219645	0.103869	-9.62752	0.117591	0.246463	-4.05741	0.00528499	0.0483241	-20.6936	0.289052	0.403786	-2.47656	0.0849077	0.208055	-4.80642	2.94277	31.6471	9.55926	1
cg15534408	LTBL1B	0.0716723	0.182853	0.758275	-1.31878	0.25819	0.797769	-1.25381	0.0594719	0.659387	-1.51656	0.611766	1.10539	1.10539	0.0241589	0.5908	-1.69262	0.240914	1.27166	1.27166	0.0129655	0.546794	-1.83884	0.777948	1.0569	1.0569	0.8780801	0.970111	-1.03081	2.94271	1.78606	0.539907	1
cg21565353	WDR55;WDR55	0.0716725	0.47664	0.884667	-1.13037	0.05745	1.43888	1.43888	0.343373	1.13973	1.13973	0.0911597	0.729741	1.37035	0.356089	0.851517	-1.17437	0.0476557	0.681459	-1.46744	0.395396	1.1588	1.1588	0.121252	1.32909	1.32909	0.0104598	1.36579	1.36579	2.9427	1.33636	0.403668	1
cg10038618	TP73;WDR8	0.071673	0.0224596	6.38632	6.38632	0.591885	0.692818	-1.44338	0.521788	0.643842	-1.55318	0.113899	3.21022	3.21022	0.663178	0.742913	-1.34605	0.501535	0.629659	-1.58816	0.597809	0.696962	-1.4348	0.0597483	4.22341	4.22341	0.0182508	6.98004	6.98004	2.9427	21.4324	6.47399	1
cg16229607	ARHGAP25;ARHGAP29	0.0716764	0.572241	1.74795	1.74795	0.175926	0.609142	-1.64165	0.587148	1.13122	0.8839	0.971441	1.08817	1.08817	0.141883	0.705049	-1.42643	0.506576	0.859369	-1.16364	0.339916	1.07733	1.07733	0.0551139	2.20784	2.20784	0.555162	1.80493	1.80493	2.94269	2.15731	0.712078	1
cg25724895	CCDC79;CCDC79	0.0716778	0.0862508	0.566579	-1.76498	0.257269	0.701599	-1.42532	0.0546975	0.520355	-1.92177	0.0962288	0.374465	-2.67048	0.0179009	0.422486	-2.36694	0.307131	0.728402	-1.37287	0.205881	0.670327	-1.49181	0.101562	0.584313	-1.71141	0.0440739	0.499854	-2.00058	2.94261	4.1874	1.26401	1
cg09093486	CDA	0.0716781	0.0465648	0.229231	-4.36242	0.0290407	0.234046	-4.27267	0.0993153	0.33151	-3.2143	0.0907842	0.209945	-3.31994	0.0571683	0.249804	-4.00362	0.304027	0.502597	-1.98906	0.0119203	0.315096	-7.59899	0.0249172	0.178194	-5.61186	0.0156383	0.653619	-1.53094	2.94261	19.4653	5.87998	1
cg05437132	TPTE;TPTE;TPTE;TPTE;TPTE;TPTE	0.0716787	0.0758739	0.451411	-2.21527	0.0584672	0.422858	-2.36486	0.130981	0.518652	-1.92808	0.2034317	0.582474	-1.71682	0.008784	0.260916	-3.83265	0.0958444	0.478836	-2.0884	0.120087	0.507183	-1.97168	0.519857	0.30037	-3.33037	0.0473442	0.401125	-2.49299	2.9426	7.55396	2.28187	1
cg25629694	SMURF2	0.0716795	0.581381	0.911047	-1.09764	0.2531002	0.640925	-1.56025	0.0422356	0.47961	1.4791	0.772738	1.04963	1.04963	0.990378	0.865523	-1.15537	0.0338456	0.513157	1.51357	0.14403	1.30026	0.936086	0.935278	-1.0692	0.71847	0.941235	-1.06243	2.94259	1.30423	0.393978	1
cg19917773	SLC30A4;C15orf21	0.0716814	0.0255448	0.660508	-1.51401	0.1758	0.925311	-1.08054	0.0492809	0.414808	1.43808	0.724224	1.05087	1.05087	0.147013	0.797535	-1.25419	0.186113	0.80641	-1.24003	0.0409916	0.695335	-1.43816	0.798716	1.04	1.04	0.133476	0.779462	-1.28294	2.94256	1.0977	0.331594	1
cg08393356	LOC101128675;HPN;HPN	0.0716827	0.0501522	0.668376	-1.49616	0.058779	0.680371	-1.46979	0.0114134	0.564833	-1.77044	0.0731579	0.697302	-1.4341	0.383602	0.851132	-1.17491	0.447598	0.869668	-1.14986	0.0733075	0.697462	-1.43377	0.0880005	0.711993	-1.40451	0.0219336	0.608967	-1.64213	2.94253	1.51606	0.458247	1
cg15603594	SIN3A	0.0716841	0.606398	0.833382	-1.19993	0.0186304	0.367797	-2.71904	0.0772754	0.502164	-1.99138	0.563032	0.813723	-1.22892	0.601326	0.831116	-1.2032	0.351597	1.39961	1.39961	0.0937971	1.90833	0.9.0544732	2.14937	2.14937	0.5020322	1.26947	1.26947	2.94251	5.73167	1.73145	1
cg17602198	C6orf208	0.0716846	0.123185	0.743455	-1.34511	0.0859154	0.359594	-1.92299	0.19209	0.49078	1.13571	1.13571	0.938112	1.03446	0.110546	0.905511	-1.10464	0.351147	1.19413	1.19413	0.0109011	1.80561	1.80561	7	7	0.837042	0.962638	-1.03881	2.98063	1.44141	0.482241	1
cg01566012	TPSD1	0.0716873	0.934234	0.959612	-1.04209	0.615281	0.776376	-1.28804	0.328045	0.603924	-1.65584	0.440203	1.48173	1.48173	0.0298999	0.279086	-3.58312	0.847943	0.908564	-1.10064	0.00347775	0.113793	-7.25006	0.0970033	0.402562	-2.48409	0.502782	0.711968	-1.40456	2.94246	11.6285	3.51287	1
cg24851513	C3orf74	0.0716876	0.0417796	0.357956	-2.79424	0.328737	0.642342	-1.5568	0.149702	0.564218	-1.77156	0.296766	0.744704	-1.34272	0.0144242	0.5908	-1.69262	0.250333	0.70948	-1.40959	0.0102302	0.298599	-3.35011	0.0908256	0.237022	-4.21562	0.0245162	0.424525	2.94245	8.84926	2.70349	1
cg01508988	AURKAIP1;AURKAIP1;AURKAIP1	0.0716898	0.907879	1.02055	1.02055	0.0697501	0.700214	-1.42814	0.0393042	0.657701	-1.52045	0.914507	0.981307	-1.01905	0.925732	1.01652	1.01652	0.345604	1.18611	1.18611	0.0114789	1.74315	1.74315	0.298587	0.82752	-1.20843	0.415213	0.863866	-1.15759	2.94242	1.43888	0.434677	1
cg13391201	ALX4	0.0716909	0.0526585	0.524454	-1.90675	0.143985	0.629678	-1.58811	0.0733301	0.557083	-1.79506	0.229407	1.44701	1.44701	0.132738	0.621728	-1.60842	0.110909	0.601188	-1.66337	0.493569	0.815706	-1.22593	0.0409253	1.99623	1.99623	0.86916	0.952848	-1.04949	2.9424	4.00002	1.20839	1
cg24921961	PCDHGA4;PCDHGA;PCDHGA1,PCDHG A8;PCDHGA5;PCDHGB1;PCDHGB4;PCD HGA3	0.0716931	0.153917	1.94932	1.94932	0.397649	0.684755	-1.46038	0.992419	0.995854	-1.00416	0.52473	1.32558	1.32558	0.0107367	0.246154	-4.06249	0.225044	1.74576	1.74576	0.966052	1.01878	1.01878	0.0674193	2.44996	2.44996	0.093798	2.23836	2.23836	2.94236	8.91	2.69172	1
cg01691694	CCDC85A	0.0716941	0.8479651	1.11684	1.11684	0.0225742	1.79748	-1.79748	0.153242	0.634637	-1.57683	0.0269598	1.08104	1.08104	0.0893784	0.924821	-1.08125	0.7815507	1.17309	1.17309	0.0813596	1.18016	1.18016	0.0313866	1.55216	1.55216	0.0415612	1.64129	1.64129	2.94235	15.3633	4.64129	1
cg03590420	OPCML;OPCML	0.0716941	0.0496071	0.44074	0.44074	0.104789	1.25401	1.25401	0.00836803	9.4153	9.4153	0.952544	1.04041	1.04041	0.145934	0.885138	-1.13018	0.31796	1.98777	1.98777	0.0121917	7.99515	7.99515	0.123256	3.03808	3.03808	0.750039	1.23705	1.23705	2.94235	20.6423	6.23607	1
cg04238871	FAM53B	0.0716947	0.8683207	0.974572	-1.02609	0.2523353	1.20395	1.20395	0.208625	0.814025	-1.22846	0.536028	0.907303	-1.10217	0.721955	1.05703	1.05703	0.284154	1.18853	1.18853	0.0650025	1.37939	1.37939	0.19591	1.23653	1.23653	0.00424572	1.81134	1.81134	2.94234	1.12295	0.339247	1
cg12423033	ORAI1	0.0716948	0.4514441	1.23966	1.23966	0.3423124	0.5240906	-1.90806	0.0777866	0.273174	-3.66067	0.0942681	0.173736	-5.75602	0.0342681	0.172534	-5.79772	0.0688267	0.2942683	-3.39907	0.0115141	0.1347453	-7.42501	0.0629975	-1.60263	0.0135154	0.146309	2.88795	2.94228	20.3251	6.13918	1
cg16898086	PRIC285	0.0716992	0.208303	0.657818	-1.52018	0.305943	1.39748	1.39748	0.156915	1.61283	1.61283	0.646381	0.864286	-1.15702	0.0101557	0.359295	-2.78323	0.0859104	0.549248	-1.82067	0.110881	1.7305	1.7305	0.483952	0.798845	-1.25181	0.741769	0.902709	-1.10778	2.94226	1.64513	0.40334	1
cg18640536	3-Mar	0.0716994	0.0102261	0.140093	-7.13811	0.878124	1.09764	1.09764	0.913428	0.936113	-1.06825	0.439212	0.619437	-1.61437	0.0192405	0.17922	-5.57972	0.318777	1.86922	1.86922	0.767911	0.83556	-1.1968	0.922684	0.94277	-1.0607	0.0326112	0.219121	-4.56368	2.94226	17.1735	5.18831	1
cg18753811	A1C;CACNA1C;CACNA1C;CACNA1C	0.0717003	0.288355	1.20692	1.20692	0.964203	1.00769	1.00769	0.901667	1.02131	1.02131	0.841255	0.966361	-1.03481	0.04388	0.673546	-1.48468	0.327979	1.18802	1.18802	0.13114	0.757212	-1.32063	0.0892975	1.3767	1.3767	0.0145008	1.67182	1.67182	2.94224	1.35668	0.409869	1
cg18510007	CDL1A2	0.0717005	0.0415154	5.59179	5.59179	0.2455195	1.1245	1.1245	0.224173	0.84734	-1.18004	0.0791987	0.726055	1.37725	0.0265104	0.837932	-1.19361	0.683727	1.33038	1.33038	0.0375929	0.489	2.04499	0.0153512	4.98161	4.98161	0.0123964	5.57584	5.57584	2.94224	24.9879	7.54916	1
cg18824840	RHOJ	0.0717012	0.331106	1.2239	1.2239	0.0759624	0.500723	-1.99711	0.321686	0.813612	-1.22909	0.607047	1.11017	1.11017	0.743307	1.06845	1.06845	0.291605	1.24667	1.24667	0.042885	1.60108	1.60108	0.264138	1.30109	1.30109	0.683982	1.08595	1.08595	2.94223	1.89156	0.571467	1
cg20558160	LPCAT1	0.0717018	0.620523	1.1453	1.1453	0.112163	1.60028	1.60028	0.124835	0.636582	-1.57089	0.59294	1.15798	1.15798	0.0082181	0.398868	-2.50697	0.0864291	0.597578	-1.67342	0.363734	1.28882	1.28882	0.36734	0.77746	-1.28624	0.706779	1.10819	1.10819	2.94222	3.44323	1.04025	1
cg09065504	MAPK14;MAPK14;MAPK14;MAPK14	0.0717037	0.972288	0.994394	0.994394	0.0129	0.755	1.3255	0.0.1792	0.911098	1.09824	0.415065	1.14434	1.14434	0.0.1.0824	0.415065	1.14434	0.0.1.0824	0.837932	0.837932	0.13941	1.66803	1.66803	0.216774	0.880183	1.13636	0.880183	1.15502	1.34242	2.94222	2.25731	0.768749	1
cg09249682	AHR	0.0717045	0.209201	1.28044	1.28044	0.216745	1.27474	1.27474	0.167894	1.31586	1.31586	0.026556	0.612015	-1.63395	0.368272	1.18838	1.18838	0.548728	1.11999	1.11999	0.0301509	0.621155	-1.6099	0.357453	0.837992	-1.19333	0.25465	0.800809	-1.24874	2.94217	1.62529	0.491032	1
cg20189131	C1orf88	0.0717046	0.542736	1.08745	1.08745	0.0.1.0881	1.31335	1.31335	0.0.1.0463	0.703149	1.03719	0.0.1.0748	0.866359	1.07191	0.0.1.0248	0.855093	1.07191	0.0.1.0248	0.964299	0.964299	0.0.1.0248	1.15499	1.15499	0.0.1.0248	0.657345	1.52127	0.0.1.0248	0.954561	1.04655	0.0.1.0248	0.974777	1.02623	2.94215	0.0.1.0248	0.0.1.0248	1
cg15687653	RNF207	0.0717047	0.269291	0.725116	-1.37909	0.0320129	0.49564	-2.01759	0.235058	0.706298	-1.41583	0.6039	0.86396	-1.15746	0.00391631	0.337958	-2.95895	0.324804	0.752704	-1.32854	0.0732431	0.572286	-1.74738	0.876412	1.04444	1.04444	0.58412	1.167	1.167	2.94217	1.63735	1.09802	1
cg08963188	MYST2	0.0717067	0.409782	1.09331	1.09331	0.0321168	0.766711	-1.30427	0.155963	0.831506	-1.20281	0.623137	0.948915	-1.05381	0.616975	1.24945	1.24945	0.283688	0.888814	-1.12509	0.631543	1.05246	1.05246	0.155452	1.17452	1.17452	0.0549624	1.25898	1.25898	2.94214	0.5218228	0.157656	1
cg19727430	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0717075	0.94266	0.97406	-1.02403	0.3591851	1.31355	1.31355	0.240663	0.70403	-1.42039	0.647579	0.87534	-1.14241	0.0838357	0.879563	-1.13664	0.978131	1.00796	1.00796	0.0.1.0429	0.491215	-2.03577	0.013254	0.43202	2.43022	0.059137	1.85226	1.85226	2.94207	3.89935	1.17811	1
cg00609363	ZNRD1;ZNRD1;NCRNA00171	0.0717107	0.561987	1.13955	1.13955	0.7970317	0.944196	-1.0591	0.687356	1.09432	1.09432	0.248161	0.764161	-1.30863	0.0152639	0.549425	-1.94203	0.273622	0.775287	-1.28895	0.0203782	1.86421	1.86421	0.10633	0.675085	-1.48129	0.883296	0.967804	-1.03327	2.94207	2.31299	0.698826	1
cg22717526	CSNK1A1L	0.0717117	0.0246653	2.34495	2.34495	0.1052019	0.838039	-1.3999	0.0377277	0.346073	-2.88956	0.0599855	0.331788	-3.14584	0.0157763	0.341504	-2.92955	0.079674	0.347024	-2.88165	0.0171984	0.209182	-4.78054	0.0078314	0.300516	-3.32776	0.0195452	0.413891	-2.41609	2.94205	13.1925	4.10675	1
cg05764847	FOXK1	0.0717123	0.0966087	0.514404	-1.88181	0.0633629	0.06198	2.06198	0.292703	0.684988	-1.45988	0.599684	1.02658	1.02658	0.0298318	0.412296	-2.42544	0.136843	0.573815	-1.74272	0.21141	0.633607	-1.57827	0.979962	0.991333	-1.00874	0.0252427	0.997627	-2.51492	2.94204	5.59758	1.69121	1
cg02080809	PRSS11	0.0717151	0.289868	0.537127	-1.86206	0.0.1.0854	3.04095	3.04095	0.0.1.0479	1.93743	1.93743	0.0.1.0854	0.885871	1.08728	0.0.1.0854	0.654223	1.52853	0.0.1.0854	0.934433	0.934433	0.0.1.0854	1.08728	1.08728	0.0.1.0854	0.654223	1.52853	0.0.1.0854	0.934433	0.0.1.0854	0.0.1.0854	0.0.1.0854	2.94203	0.0.1.0854	0.0.1.0854	1
cg12227172	ZNF577;ZNF577;ZNF577	0.0717153	0.417216	1.51132	1.51132	0.624717	0.783208	-1.2768	0.00285485	0.96413	0.96413	0.566551	1.33302	1.33302	0.385869	0.641906	-1.55786	0.204382	0.509139	1.96411	0.878853	1.07832	1.07832	0.669888	1.23664	1.23664	0.803056	1.56539	1.56539	1.47418	12.8209	2.45639	1
cg19886655	SERPINB6	0.0717208	0.646016	1.11391	1.11391	0.0182625	1.95088	1.95088	0.115985	1.48605	1.48605	0.502991	0.853371	-1.17182	0.39121	0.815446	-1.22632	0.166859	1.41027	1.41027	0.0231837	1.88351	1.88351	0.087266	1.55242	1.55242	0.162384	0.803821	-2.14406	2.9419	2.53526	0.766023	1
cg19596948	FAM59A	0.0717301	0.2664343	1.87707	1.87707	0.5348899	2.448	2.448	0.413913	0.47281	-2.11567	0.71786	0.94406	-1.05935	0.6.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	0.0.1.0E-05	2.94187	0.0.1.0E-05	0.0.1.0E-05	1
cg11031064	C8orf73 MCF2D2;MCF2D2;MCF2D2;MCF2D2	0.0717312	0.856973	0.96677	-1.03437	0.176705	1.30867	1.30867	0.048534	1.52522	1.52522	0.961921	0.992775	-1.00728	0.999349	0.999847	-1.00015	0.753881	1.06069	1.06069	0.959233	1.00962	1.00962	0.615905	1.09938	1.09938	0.00198924	2.26574	2.26574	2.94173	1.63483	0.493988	1
cg00107577	_MCF2;MCF2D2	0.0717325	0.049873	0.436384	-2.29156	0.756307	1.12234	1.12234	0.00938432	0.294891	-3.39109	0.170177	0.581807	-1.71878	0.514447	1.27775	1.27775	0.224062	1.60566	1.60566	0.82403	1.08607	1.08607	0.410975	0.7322	-1.36575	0.0576666	0.45122	-2.21621	2.94171	6.40404	1.93509	1
cg11571124	CLIP1;CLIP1	0.0717357	0.6516631	0.826716	-1.2096	0.7096	0.8550119	-1.16956	0.0170863	0.29603	-3.37804	0.179444	0.55042	-1.8168	0.672131	0.836734	-1.19512	0.792375	1.11679	1.11679	0.016034	0.2910055	-3.43578	0.0538332	2.50021	2.50021	0.721457	0.860799	-1.16171	2.94166	8.16842	2.46827	1
cg04881457	CD96;CD96 C10orf57;LOC219347;LOC219347;LOC2	0.0717363	0.597664	1.09236	1.09236	0.1044626	1.60785	1.60785	0.0.1.0.1	1.63938	1.63938	0.262164	0.764096	-1.30859	0.0.1.0.1	0.745127	1.34167	0.475753	1.24516	1.24516	0.0.1.0.1	0.340727	2.93502	0.0.1.0.1	0.421096	-2.37476	0.0.1.0.1	0.786057	1.27214	0.0.1.0.1	2.94161	1.10246	1
cg05377034	19347;LOC219347;LOC219347	0.0717367	0.00312162	0.120138	-8.32373	0.0330299	2.270644	3.69489	0.966501	0.978232	-1.02236	0.804227	0.877906	-1.13907	0.200738	0.493271	-2.03099	0.389006	0.629486	-1.5886	0.0762154	0.355462	-2.8132	0.0266156	0.420425	-2.37855	0.419277	0.648771	-1.54138	2.94164	12.8066	3.86984	1
cg04609959	CBFA2T3;CBFA2T3 ALX4H2;ALX4H2;ALX4H2;ALX4H2;ALX4	0.0717388	0.2019691	0.706846	-1.41474	0.0117934	2.24759	2.24759	0.0197326	0.484267	-2.06498	0.337133	0.775046	-1.29025	0.444472	0.818123	-1.22231	0.319657	1.3032	1.3032	0.785125	0.932043	-1.07291	0.550976	0.856111	-1.16807	0.900544	1.03272	1.03272	2.94161	3.0894	0.933549	1
cg19198919	H2	0.0717388	0.0751023	0.284529	-3.51458	0.0704081	0.112169	-8.91513	0.517881	0.659582	-1.51549	0.612669	0.725165	-1.379	0.0616632	0.263206	-3.7993	0.0690673	0.275256	-3.63299	0.0187977	0.164437	-6.08137	0.190702	0.415315	-2.40781	0.143666	0.369206	-2.70852	2.94161	18.7368	5.66187	1
cg10376598	LPAR2	0.0717427	0.8233054	0.914896	-1.09302	0.722931	1.15209	1.15209	0.702437	1.16492	1.16492	0.297573	1.53643	1.53643	0.304074	1.52701	1.52701	0.660313	0.838714	-1.1923	0.00314096	0.200748	-4.98138	0.0849799	0.468838	-2.13293	0.375144	0.696277	-1.43621	2.94154	7.3686	2.22668	1
cg19128378	MBIP;MBIP	0.0717431	0.7792577	0.940033	-1.06351	0.2730175	1.28475	1.28475	0.027344	1.76909	1.76909	0.0348349	1.51239	1.51239	0.0.1.0.1	0.564605	-1.77061	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	0.0.1.0.1	2.94154	0.0.1.0.1	0.0.1.0.1	1
cg25478600	KCNQ1DN	0.0717445	0.393115	0.760452	-1.31501	0.0930391	0.560785	-1.78321	0.976144	0.990683	-1.0094	0.215155	0.664697	-1.50444	0.425423	0.481422	2.07718	0.0447405	0.486147	-2.05699	0.144038	1.63444	1.63444	0.0314121	0.383472	-2.60775	0.505108	0.809211	-1.23577	2.94151	4.56496	1.37948	1
cg08611163	RNF207;RNF207	0.0717446	0.328049	0.484037	-2.06596	0.0783842	4.07671	4.07671	0.328555	2.06429	2.06429	0.169954	2.85931	2.85931	0.174839	0.354451	-2.82126	0.3324	1.16452	1.16452	0.23205	0.406234	-2.46163	0.577642	0.667448	-1.49824	0.00878682	11.0049	11.0049	2.94151	24.0652	7.3722	1
cg22254463	EXPH5;EXPH5	0.0717449	0.0760243	0.131623	-7.5975	0.178304	0.252329	-3.96234	0.0.1.0.1	0.32492	3.12492	0.0.1.0.1	0.126181	-7.92429	0.0.1.0.1	0.324239	0.0.1.0.1	0.118007	0.168874	-5.9255	0.0.1.0.1	0.183532	-5.35304	0.0.1.0.1	0.153878	-3.95447	0.0.1.0.1	0.155869	-6.41562	2.9415	49.1344	14.8309	1
cg23454205	IQCE;IQCE	0.0717469	0.0229146	2.34799	-4.25897	0.0530196	0.310179	-3.22395	0.670918	0.796481	-1.25552	0.984082

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg25260552	KIAA1279	0.071829	0.0249459	0.169887	-5.88626	0.380436	0.515468	-1.86752	0.098753	0.300403	-3.32886	0.284514	0.20296	0.20296	0.0285289	0.179642	-5.56664	0.088305	0.283961	-3.52261	0.0262571	0.17355	-5.76201	0.903034	0.922221	-1.08434	0.19277	-2.49864	2.94011	20.5514	6.21333	1
cg26437306	LIFR;LIFR	0.0718297	0.5994	0.906187	-1.10352	0.251471	0.800374	-1.24942	0.0479986	0.65697	-1.52214	0.155084	0.753673	-1.32684	0.803111	1.04752	1.04752	0.0965062	1.40375	1.40375	0.113521	1.3772	1.3772	0.0377882	1.56476	1.56476	0.315619	0.824612	-1.21269	2.9401	1.60848	0.486296	1
cg14823007	VAMP3	0.0718305	0.8046899	1.07366	1.07366	0.00528787	2.87113	2.87113	0.0453089	0.517502	-1.93236	0.920304	1.02913	1.02913	0.363451	0.764952	-1.30727	0.6784436	1.12705	1.12705	0.530731	0.8334453	-1.19983	0.735882	1.102	1.102	0.158408	1.54118	1.54118	2.94009	3.83225	1.15862	1
cg16447729	EVL	0.0718306	0.4234851	0.711857	-1.40478	0.00383014	5.05697	5.05697	0.0758254	2.25344	2.25344	0.0770676	2.64444	2.64444	0.716791	0.85945	-1.16353	0.2368371	1.67413	1.67413	0.873241	0.935772	-1.06864	0.275209	1.68315	1.68315	0.865697	0.932042	-1.07291	2.94009	8.049122	2.43152	1
cg11961813	PSME3;PSME3;AOC2;AOC2	0.071831	39	0.798747	-1.25196	0.140105	0.667013	-1.49922	0.42436	1.23138	1.23138	0.170918	0.9345	-1.07009	0.0725746	0.508898	-1.96503	0.018342	0.481843	-2.07536	0.158535	0.68079	-1.46888	0.0955152	1.59546	1.59546	0.768747	1.07811	1.07811	2.94008	3.03027	0.916157	1
cg25821995	GPC1	0.0718316	0.2800386	0.612351	-1.63305	0.152537	0.512209	-1.95278	0.079162	0.426875	-2.3426	0.0765307	0.36432	0.36432	0.026585	0.3127292	-3.19567	0.2882685	0.616538	-1.62206	0.0410928	0.35723	-2.79932	0.361942	1.50654	1.50654	0.461282	0.720669	-1.3876	2.94007	8.882161	2.6854	1
cg05874450	POPDC3	0.0718323	0.0913156	0.58057	-1.72244	0.00741299	0.364723	-2.74181	0.0875616	0.576112	-1.73577	0.213928	0.682059	-1.46615	0.156614	0.642075	-1.55745	0.230178	0.692042	-1.445	0.0228565	0.4510066	-2.21726	0.0341459	0.485367	-2.06029	0.152276	0.638654	-1.56579	2.94006	3.98126	1.20368	1
cg05323370	PIPP3	0.0718324	0.0105563	0.44259	-2.25943	0.846481	1.1097	1.05097	0.537291	1.17443	1.17443	0.644994	0.8891133	-1.12469	0.0233279	0.509333	-1.98676	0.6068681	0.597235	-1.67434	0.362216	0.7864142	-1.27158	0.0919737	0.543382	-1.71444	0.628536	1.13143	1.13143	2.94006	2.98733	0.903183	1
cg23217103	PTPRF;PTPBF	0.0718326	0.342245	0.822651	-1.21558	0.0686556	1.50665	1.50665	0.577762	0.893875	-1.11872	0.93883	0.8790568	0.8790568	0.0705931	0.6720356	-1.48797	0.8790568	0.970081	-1.03084	0.0446935	0.669341	-1.21065	0.920033	0.980166	-1.02024	0.788286	1.05517	1.05517	2.94006	1.853335	0.560337	1
cg03173570	SOD1	0.0718337	0.1065666	0.471564	-2.1206	0.635906	1.225611	1.225611	0.540313	0.767629	-1.30271	0.813438	0.904071	-1.10611	0.0166296	0.287221	-3.48164	0.351204	0.664119	-1.50575	0.0220294	0.309882	-3.22703	0.0127128	0.266897	-3.74676	0.878869	0.937013	-1.06722	2.94004	8.47335	2.56183	1
cg04476125	C4orf22	0.0718338	0.9268227	1.03976	1.03976	0.0153565	0.84278	-2.91732	0.0383167	0.360339	-2.77517	0.0706414	0.402296	0.402296	0.0241695	0.3215242	-3.10925	0.624202	1.12332	1.12332	0.479002	0.8954754	1.35754	1.35754	0.383188	1.06158	0.0140699	0.275924	-3.62419	2.94004	8.402257	2.54033	1
cg11469349	FAM188B	0.0718342	0.485301	1.14369	1.14369	0.0941354	0.705759	-1.41691	0.0733342	0.685161	-1.45951	0.0606619	0.49252	0.49252	0.0311237	0.161334	1.61334	0.375114	1.18811	1.18811	0.121381	1.37437	1.37437	0.632556	1.0955	1.0955	0.217903	1.28716	1.28716	2.94003	1.669442	0.504734	1
cg08743921	CCDC149	0.0718349	0.17679	0.401008	-2.38494	0.00285756	0.0834362	-11.9581	0.151995	0.394915	2.53219	0.342344	0.818903	-1.22115	0.282436	0.473387	-2.12144	0.275753	0.504041	-1.98249	0.0541558	0.26633	-3.75474	0.601624	1.37557	1.37557	0.79408	1.17075	1.17075	2.94002	13.064	3.15915	1
cg09682251	MAPKAPK3	0.0718349	0.318374	1.57478	1.57478	0.146236	1.98673	1.98673	0.0705982	0.705928	1.41603	0.0810828	0.426872	-2.36262	0.851408	1.08606	1.08606	0.1858984	1.0833	1.0833	0.162516	1.9276	1.9276	0.0581112	0.3809595	-2.56677	0.42219	0.697077	-1.43456	2.94002	9.02046	2.72726	1
cg09625259	PLXNC1	0.0718357	0.929422	0.970977	-1.02989	0.168592	0.614108	-1.62862	0.207421	0.55579	-1.55579	0.157736	0.65236	0.65236	0.290159	0.694206	-1.44049	0.20299	0.639671	1.5633	0.0622009	0.495287	-2.00969	0.604033	0.500586	-1.99766	0.0508282	0.09529	2.09529	2.94	5.14676	1.55609	1
cg00740874	KIAA0415	0.0718361	0.4865525	0.899978	-1.11114	0.0558804	0.724063	-1.38109	0.618905	1.07761	1.07761	0.182281	1.23426	1.23426	0.280806	0.8319775	-1.20131	0.1121119	0.772694	1.29427	0.0227969	0.43172	-2.31677	0.22904	0.7876022	-1.27006	0.0803009	0.748856	-1.33557	2.94	1.03665	0.312818	1
cg10199121	GRK1	0.0718414	0.73289	1.13759	1.13759	0.343713	1.44347	1.44347	0.563678	1.24566	1.24566	0.61069	1.213313	1.213313	0.00727328	0.271767	-3.67962	0.548923	1.25637	1.25637	0.225471	1.61452	1.61452	0.924848	0.965118	-1.03634	0.0265435	0.371781	-2.68976	2.93991	6.59366	1.99361	1
cg11872673	PTPN9;2:PTPN9;2:PTPRN2	0.0718415	0.0462861	0.539759	-1.8527	0.216845	0.440326	-2.27002	0.532384	0.670746	-1.49203	0.209798	0.485241	-2.30218	0.0127302	0.141768	-7.05378	0.0720746	0.281792	-3.54872	0.0110334	0.1338812	-7.47315	0.0190406	0.326196	-3.06564	0.10264	0.324486	-3.08168	2.93991	18.5199	5.60817	1
cg19173575	PLXNC1	0.0718415	0.302626	0.74876	-1.41876	0.0419064	0.463915	-2.15557	0.2314594	0.76119	-1.53423	0.708032	0.13115	0.13115	0.55637	0.822927	-1.21517	0.845738	0.938187	-1.06589	0.0568408	0.20521	-4.87431	0.0481726	0.209532	2.09532	0.0615632	1.99331	1.99331	2.99331	4.99608	1.51058	1
cg08536228	SYNPR;SYNPR	0.0718427	0.375072	0.889561	-1.12415	0.318075	1.14186	1.14186	0.0173277	1.45144	1.45144	0.847325	0.975527	-1.02509	0.170022	0.828726	-1.20667	0.0595625	0.760839	-1.31434	0.113614	1.24769	1.24769	0.341014	0.8815502	-1.13443	0.236467	1.17287	1.17287	2.93989	0.769376	0.232625	1
cg16312163	ALDH1L1;ALDH1L1	0.0718452	0.0608739	0.761245	-1.31304	0.458675	1.2955	1.2955	0.363149	1.12826	1.12826	0.821502	1.10961	1.10961	0.0275381	0.320484	-3.12055	0.0459903	1.13419	1.13419	0.137802	1.52783	1.52783	0.0390913	1.33946	1.33946	0.838513	0.973997	-1.02627	2.93985	0.776215	0.234695	1
cg08067346	ARHGAP17;ARHGAP17 CASP5;CASP5;CASP5;CASP5;CASP5;CAS	0.0718456	0.8280802	0.934347	-1.07027	0.0227046	0.34246	0.34246	0.817442	0.930378	-1.07483	0.442992	1.27649	1.27649	0.0749106	0.497437	-2.01031	0.6839999	1.13623	1.13623	0.29703	1.12629	1.12669	0.010834	2.71473	2.71473	0.899223	1.04033	1.04033	2.93984	4.53514	1.37124	1
cg26532499	P5	0.0718476	0.1126668	0.638229	-1.56683	0.0380977	0.535189	-1.8685	0.427111	0.80989	-1.23474	0.868698	0.957888	-1.04396	0.64531	0.886454	-1.12809	0.0.0844855	0.417077	-2.39764	0.0849071	1.64123	1.64123	0.769326	1.07947	1.07947	0.329339	0.769674	-1.29925	2.93981	3.14858	0.952015	1
cg20842253	TRIM54;TRIM54	0.071853	0.216075	0.391835	-2.55209	0.444362	1.75271	1.75271	0.523739	1.59207	1.59207	0.0806828	0.410156	0.410156	0.122876	0.300287	3.33014	0.777441	0.81551	-1.22623	0.0210764	0.153798	-7.36386	0.136488	3.17256	3.17256	0.124182	3.13399	3.13399	2.93972	24.1146	7.29161	1
cg20908356	PYCARD;PYCARD	0.0718532	0.0835272	0.513227	-1.94873	0.0299163	0.34417	0.34417	0.622652	1.37955	1.37955	0.870449	1.11569	1.11569	0.0767894	0.305605	-3.26259	0.784071	1.19504	1.19504	0.284382	0.686073	-2.05731	0.0362014	0.836215	0.874318	-1.14372	0.56171	0.683438	2.93972	19.5922	5.92413	2
cg02619805	SAFB2;SAFB	0.0718542	0.342979	1.4105	1.4105	0.842615	0.932408	-1.07249	0.0689555	0.24727	2.04727	0.0837746	1.96148	1.96148	0.592898	0.826967	-2.10924	0.0412096	0.43643	-2.29132	0.0376998	0.4280511	-2.33639	0.228799	0.6410356	-1.55993	0.528474	1.2521	1.2521	2.9397	5.77043	1.74483	1
cg24494237	SPAC5	0.0718547	0.93292	0.943002	-1.0349	0.0153188	0.378022	-2.64535	0.0133852	0.348472	-4.07545	0.187739	0.534176	0.534176	0.0.0.0	0.0.0.0	0.0.0.0	0.1340319	0.64775	-1.5435	0.0102003	0.2461447	-4.06261	0.0107744	0.2705453	3.69753	0.0.0.0	0.0.0.0	2.93969	9.53701	2.82328	1
cg11777890	RNF26	0.0718553	0.265782	2.78404	2.78404	0.556527	0.592915	-1.68658	0.0183425	0.0750103	-13.3315	?	?	?	?	0.1634311	3.73705	0.0870757	3.58502	?	?	?	3.93978	2.3794	2.3794	0.0.0.0	0.0.0.0	0.0.0.0	2.93967	3.73484	3.73484	2.32997	10.0778	9.28335	1
cg04006133	HSDL1;HSDL1	0.0718555	0.10702	0.697553	-1.43358	0.431865	0.848556	-1.17847	0.31595	0.808764	-1.23645	0.558836	?	1.12864	1.12864	0.0424228	0.619756	-1.61354	0.375001	0.829945	-1.2049	0.511078	1.14544	1.14544	0.0468734	1.5932	1.5932	0.0235661	0.574919	-1.73938	2.93968	1.95106	0.589553	1
cg06445734	TRMT61B	0.0718559	0.1537732	0.380414	-2.62966	0.0640421	2.56137	2.56137	0.0697731	0.19843	1.19843	0.0621223	0.7868008	0.7868008	0.0.0.0	0.0.0.0	0.0.0.0	0.8285328	1.01657	1.01657	0.0.0.0	0.0.0.0	1.11086	1.11086	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.93965	1.18638	0.120971	1.11586	1.11586	2.93967	0.2672	0.0807951	1
cg18085331	OCIAD2;OCIAD2	0.0718564	0.0472932	0.280363	-3.5668	0.140426	0.38164	-2.62027	0.0713319	0.323515	-3.09105	0.285581	0.537177	-1.86158	0.022715	0.216971	-4.60891	0.173497	0.444231	-2.25108	0.0122379	0.179399	-5.57414	0.572492	0.726481	-1.3765	0.0310403	0.242099	-4.13054	2.93966	14.6162	4.41961	1
cg16179607	PPP3R1	0.0718565	0.1200022	0.485376	-2.06022	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.353	2.353	0.0.0.0	0.0.0.0	0.0.0.0	0.4515586	0.8951	-1.11721	0.0.0.0	0.0.0.0	1.44843	1.44843	0.108195	0.6421102	0.0.0.0	0.0.0.0	0.0.0.0	2.93965	1.42957	0.313185	0.2448067	-3.22181	0.256746	1.73597	1.73597	0.881501	0.409618	0.2.93965	1.73597	0.442946	1
cg02283238	TNFAIP8;TNFAIP8	0.0718585	0.447441	0.844005	-1.18483	0.0418906	0.598317	-1.67136	0.229432	0.758637	-1.31815	0.803381	0.946824	-1.05616	0.799167	1.05743	1.05743	0.2818441	1.27759	1.27759	0.00748833	2.12565	2.12565	0.791927	1.05962	1.05962	0.255363	0.770975	-1.29706	2.93963	2.23372	0.675434	1
cg03157605	MOC1;MOC1	0.0718624	0.641927	0.877526	-1.13957	0.191977	0.680226	-1.4701	0.0667238	1.77451	1.77451	0.16143	0.658884	-1.51772	0.0216163	0.42095	-2.37558	0.0778612	0.5788	-1.72747	0.277851	1.37003	1.37003	0.108503	1.07201	1.07201	0.69809	1.1488	1.1488	2.93956	3.62366	1.09575	1
cg28812393	GFI1;GFI1;GFI1	0.0718642	0.720211	1.08139	1.08139	0.422751	0.779539	-1.28269	0.0988867	0.31048	-3.22045	0.183422	0.934933	-1.08188	0.3750557	1.2605	1.2605	0.7869053	1.09748	1.09748	0.465026	0.8953	1.02119	1.02119	0.967272	1.02119	0.876586	1.13005	1.13005	2.93953	0.059123	0.68761	0.875	0.875	0.840949	1.13005	1
cg13696531	PTPN92;PTPN1;2:PTPRN2	0.0718672	0.294215	0.776208	-1.28831	0.0139862	0.02734	2.02734	0.461116	1.19091	1.19091	0.211987	1.35818	1.35818	0.312488	0.784051	-1.27543	0.311252	1.27628	1.27628	0.356275	0.801763	-1.24725	0.0331792	0.56001	-1.78568	0.536593	1.864406	-1.15686	2.93948	2.52427	0.76333	1
cg27311654	ARHGAP29;PQLC2;PQLC2;PQLC2	0.0718676	0.3627355	0.877366	-1.13978	0.377319	0.881803	-1.13564	0.389781	0.50331	-1.50331	0.782709	0.847957	-1.13901	0.0438546	0.2209918	-4.52585	0.1188608	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1.13432	1.13432	0.222388	0.8202613	0.0.0.0	0.0.0.0	0.0.0.0	2.93947	1.43611	0.0.0.0	0.0.0.0	2.93947	0.0.0.0	0.0.0.0	1
cg28219719	SNTG1	0.0718682	0.0450779	0.301086	-3.32131	0.00983126	0.18204	-5.49331	0.303046	0.572974	-1.74528	0.840814	0.90034	-1.11069	0.033091	0.272334	3.67188	0.244232	0.52942	-1.88886	0.230363	0.19289	-5.18279	0.333872	0.594334	-1.68255	0.111933	0.405097	-2.46854	2.93947	12.6868	3.83647	1
cg26105232	IL2RA	0.0718706	0.4639953	1.47785	1.47785	0.0107764	0.186636	-5.35802	0.0199132	0.229354	-4.36008	0.066347	0.33992	-2.94187	0.384032	0.626438	-1.59633	0.5236098	0.712751	-1.40301	0.959701	0.97387	-1.02683	0.132583	0.427246	-2.34057	0.0611859	0.331062	-3.02058	2.93943	12.7825	3.86546	1
cg26456099	LASP1	0.0718711	0.790082	0.950688	-1.04514	0.808015	1.02215	1.02211	0.525261	1.08875	1.08875	0.210976	0.5026126	0.5026126	0.0.0.0	0.0.0.0	0.0.0.0	0.8786223	0.980017	-1.02039	0.0020725	0.562488	-1.77781	0.356228	1.13354	1.13354	0.815583	1.03134	1.03134	2.93942	0.812248	0.245626	1
cg20417998	CPNE1;CPNE1;CPNE1;RBM12;RBM12;C PNE1;CPNE1;RBM12;CPNE1;CPNE1;CPN E1;CPNE1;CPNE1;RBM12;CPN	0.0718713	0.493636	1.68329	1.68329	0.0064065	14.2525	14.2525	0.0137082	9.80797	9.80797	0.803354	1.2055	1.2055	0.534096	1.60274	1.60274	0.40229	0.526185	-1.90047	0.772099	1.24302	1.24302	0.328688	0.46992	-2.12802	0.877754	0.891095	-1.12222	2.93941	26.1234	7.89981	1
cg03314774	HOXA3	0.0718714	0.0457141	15.5664	15.5664	0.0980758	8.57206	8.57206	0.0544122	13.2523	13.2523	0.260934	4.01528	4.01528	0.0290766	0.2.93941	0.2.93941	0.0961506	0.69881	0.69881	0.20384	1.89338	1.89338	0.0198249	27.9531	27.9531	0.0224279	25.4927	25.4927	2.93941	65.2631	19.7358	1
cg08569010	MARK2;MARK2;MARK2;MARK2;MARK2	0.0718721	0.062803	0.485432	-2.06002	0.0658114	2.03942	2.03942	0.855571	0.939036	-1.06492	0.273287	0.674619	-1.48232	0.0705419	0.497711	-2.0092	0.535828	0.805371	-1.24166	0.0273302	0.405993	-2.4631	0.153186	1.69565	1.69565	0.412911	0.749015	-1.33509	2.9394	5.54853	1.6779	1
cg06739462	DGKA;DGKA;DGKA;DGKA	0.0718727	0.8491394	1.05393	1.05393	0.0.0.0	2.56137	2.56137	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1.31097	1.31097	0.0.0.0	0.0.0.0	0.0.0.0	0.8785642	0.94241	-1.06121	0.0.0.0	0.0.0.0	2.29111	2.29111	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.93939	1.11383	1.11383	1.11383	1.11383	2.93941	1.26021	1.46041	1
cg25942417	NPTX1	0.0718725	0.501519	1.10517	1.10517	0.520714	1.10014	1.10014	0.0431193	1.40654	1.40654	0.805011	1.03693	1.03693	0.0271527	0.681561	-1.46722	0.0781715	1.750599	-1.33227	0.420257	1.1283	1.1283	0.101668	1.30042	1.30042	0.174691	1.2357	1.2357	2.9394	1.00047	0.302546	1
cg06438059	RASGRF1;RASGRF1;RASGRF1	0.0718738	0.983955	0.995917	-1.0042	0.00483016	2.17958	2.17958	0.0836794	1.49062	1.49062	0.491856	0.852345	-1.17323	0.400588	0.718257	-1.3925	0.179325	0.790626	-1.26496	0.0.0.0	0.0.0.0	0.3416514	-2.92658	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.93939	0.783895	-1.27568	0.0.0.0	0.0.0.0	2.93939	0.0.0.0	0.0.0.0	1
cg20984544	IRF7;IRF7;IRF7	0.0718743	0.0713901	2.24342	2.24342	0.0.0.0	2.5511	2.5511	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.37204	2.37204	0.0.0.0	0.0.0.0	0.0.0.0	0.0358021	2.80815	2.80815	0.0.0.0	0.0.0.0	2.42462	2.42462	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.93939	2.64054	2.64054	0.0.0.0	0.0.0.0	2.93939	0.0.0.0	0.0.0.0	1
cg04734554	PRAM1	0.0718798	0.81132	1.10126	1.10126	0.187931	0.509646	-1.75548	0.284986	0.638972	-1.56501	0.0887365	0.468969	-2.12334	0.0946771	0.476737	-2.09759	0.0511369	0.680292	-2.44923	0.0435254	0.215138	-4.64619	0.184974	0.567233	-1.76294	0.072389	0.445484	-2.24475	2.93928	7.57168	2.28981	1
cg16182685	TSC1	0.0718803	0.0306582	0.4.63271	0.4.63271	0.0.0.0	2.37579	2.37579	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1.56417	1.56417	0.0.0.0	0.0.0.0	0.0.0.0	0.2680005	1.65537	1.65537	0.0.0.0	0.0.0.0	1.56272	1.56272	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.93928	1.56272	1.56272	0.0.0.0	0.0.0.0	2.93928	0.0.0.0	0.0.0.0	1
cg02153041	GPR133	0.0718819	0.0595711	0.657292	-1.52139	0.832363	1.04272	1.04272	0.0134606	0.546712	-1.82912	0.629476	0.908516	-1.1007	0.99813	1.00046	1.00046	0.1122784	0.718931	-1.39095	0.227729	0.788888	-1.28388	0.0202914	0.57566	-1.73714	0.0306135	0.605737	-1.65088	2.93924	1.81309	0.548317	1
cg05996293	HSPA4	0.0718829	0.362715	0.877366	-1.13978	0.377319	0.881803	-1.13564	0.389781	0.50331	-1.50331	0.782709	0.847957	-1.13901	0.0438546	0.2209918	-4.52585	0.1188608	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1.13432	1.13432	0.222388	0.8202613	0.0.0.0	0.0.0.0	0.0.0.0	2.93947	1.43611	0.0.0.0	0.0.0.0	2.93947	0.0.0.0	0.0.0.0	1
cg06990735	NCG18;TRIM39;HCG18;TRIM39	0.0718833	0.14175	0.734735	-1.36104	0.461906	1.15733	1.15733	0.00979008	1.89118	1.89118	0.658611	1.09062	1.09062	0.39361	0.843253	1.18588	0.834288	0.959952	-1.04172	0.0310105	0.607975	-1.6448	0.304151	1.23115	1.23115	0.976061	1.00587	1.00587	2.93922	2.77189	0.535861	1
cg00279512	PXP1;PXP1	0.0718837	0.0786722	4.67431	4.67431	0.0695576	4.96675	4.96675	0.125759	3.69952	3.69952	0.0994961	4.16063	4.16063	0.269452	2.47955	2.47955	0.0996989	4.15641	4.15641	0.0167963	10.0155	10.0155	0.0223375	8.68563	8.68563	0.0227156	8.61347	8.61347	2.93921	29.0236	8.77743	1
cg00222656	LRRC27;LRRC27	0.0718838	0.0074052	0.100683	-9.93107	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.2509113	0.398645	-2.50797	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.93921	0.0.0.0	0.0.0.0	0.0.0.0	2.93921	0.0.0.0	0.0.0.0	1
cg23013442	WASH3P	0.0718871	0.0819537	0.465649	-2.14754	0.0126038	0.292258	-3.42163	0.113467	0.505096	-1.97982	0.340006	0.677084	-1.47692	0.0167363	0.314089	-3.18381	0.0848679	0.469708	-2.12898	0.185844	0.573344	-1.74415	0.657325	1.19369	1.19369	0.0660539	0.441444	-2.26529	2.93915	7.32027	2.21387	1
cg17473198	MIR33A;SREBF2	0.0718881	0.4.63271	0.4.63271	0.4.63271	0.0.0.0	2.37579	2.37579	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1.56417	1.56417	0.0.0.0	0.0.0.0	0.0.0.0	0.4717351	1.19439	1.19439	0.0.0.0	0.0.0.0	1.26183	1.26183	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	2.93915	1.26183	1.26183	0.0.0.0	0.0.0.0	2.93915	0.0.0.0	0.0.0.0	1
cg08166525	ZIC4;ZIC4;ZIC4	0.0718899	0.0649972	0.136578	-7.32182	0.672707	0.664815	-1.50418	0.186916	0.8348	0.8348	0.122595	0.200388	-4.99031	0.0325783	0.090415	-11.0601	0.145772	0.223003	-4.48425	0.499025	1.93358	1.93358	0.119554	0.797326	-1.25396	0.0237786	0.0748258	-13.3644	2.93911	27.1925	12.9964	1
cg27134322	ARHGEF10	0.0718907	0.126865	0.642998	-1.55522	0.0250069	2.04056	2.04056	0.499002	1.20143	1.20143	0.0127228	0.512597	-1.95085	0.262596	0.73169	-1.3667	0.225746	0.711598	-1.40529	0.707887	1.10591	1.10591	0.765008	0.922955	-1.08348	0.070357	0.582176	-1.71769	2.9391	3.32975	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25952997	FMNL1	0.0719881	0.215536	3.34884	3.34884	0.0704206	6.52009	6.52009	0.343067	2.47354	2.47354	0.11873	4.8075	4.8075	0.189861	3.6235	3.6235
cg18355311	ME3;ME3;ME3	0.0719892	0.725629	1.16616	1.16616	0.706049	1.17976	1.17976	0.776628	1.13213	1.13213	0.167477	0.526282	-1.90012	0.00444958	0.191002	-5.23554
cg16658582	BTBD17	0.0719902	0.150052	0.668712	-1.49541	0.550243	1.17073	1.17073	0.240923	1.37735	1.37735	0.306047	1.31834	1.31834	0.0328578	0.521556	-1.91734
cg09742688	GAD1;GAD1	0.0719906	0.0240291	0.25458	-3.92804	0.695222	1.21499	1.21499	0.304341	0.589462	-1.69646	0.369863	1.57928	1.57928	0.0278585	0.2674	-3.73971
cg01153342	C14orf43	0.0719933	0.946217	0.985829	-1.01437	0.00427953	2.24441	2.24441	0.805257	0.949083	-1.05365	0.718778	1.0795	1.0795	0.449094	0.849435	-1.17725
cg13199615	KRTCAP2;TRIM46	0.0719943	0.267274	1.07557	1.07557	0.329356	1.06551	1.06551	0.515025	1.04249	1.04249	0.0603932	1.14281	1.14281	0.431975	1.05185	1.05185
cg22057372	PTPRN2;PTPRN2;PTPRN2	0.0719951	0.364664	1.28898	1.28898	0.122646	0.633901	-1.57753	0.815939	0.938434	-1.0656	0.589241	1.16015	1.16015	0.0329005	0.506623	-1.97385
cg10823804	TINAGL1	0.0719963	0.291839	0.617079	-1.62054	0.0447258	2.76514	2.76514	0.17467	1.89128	1.89128	0.167684	0.52252	-1.9138	0.0210828	0.293918	-3.40231
cg26701943	KDELC2	0.0719965	0.121587	0.589288	-1.69696	0.762938	0.909082	-1.10001	0.0144615	2.58465	2.58465	0.29274	1.41049	1.41049	0.777356	0.914546	-1.09344
cg15736165	BNC1	0.0719987	0.0324941	0.310166	-3.22408	0.0238387	0.283293	-3.52992	0.187914	0.520673	-1.92059	0.418636	0.679411	-1.47186	0.0417482	0.333627	-2.99736
cg00403724	TNMD	0.0720009	0.0627037	2.91071	2.91071	0.275873	0.560895	-1.78286	0.444822	0.672103	-1.48787	0.147187	0.45226	-2.21112	0.102654	0.402133	-2.48674
cg00471141	LPL	0.0720011	0.200147	0.530776	-1.88403	0.14089	2.09858	2.09858	0.206846	0.53629	-1.86466	0.592052	0.776336	-1.2881	0.0962036	0.425293	-2.35132
cg00820513	EBF3	0.072002	0.378777	1.34682	1.34682	0.00422855	3.53528	3.53528	0.857859	0.9426	-1.0609	0.0988476	1.81613	1.81613	0.605637	1.18737	1.18737
cg00286125	HSPB6	0.0720029	0.847019	1.11878	1.11878	0.00325791	10.2898	10.2898	0.127249	2.60742	2.60742	0.0975372	2.87621	2.87621	0.793496	0.858604	-1.16468
cg11877232	FAM91A1;FAM91A1	0.0720035	0.128428	1.38332	1.38332	0.727472	0.93325	-1.07152	0.805733	0.95251	-1.04986	0.286118	1.2445	1.2445	0.0497046	1.5559	1.5559
cg18996760	SMOC2;SMOC2	0.0720048	0.304453	1.35572	1.35572	0.805946	1.07297	1.07297	0.00693294	0.367937	-2.71785	0.777736	0.922211	-1.08435	0.332006	1.33161	1.33161
cg24066641	RASGEF1C	0.0720052	0.00661233	0.437322	-2.28664	0.530864	1.16058	1.16058	0.779938	0.936404	-1.06792	0.267832	1.31098	1.31098	0.907196	0.973013	-1.02774
cg21583727	SBF2	0.0720069	0.794625	1.02766	1.02766	0.167242	0.857267	-1.1665	0.171198	0.858644	-1.16463	0.745282	0.966477	-1.03469	0.095194	1.2114	1.2114
cg22042060	ZNF131	0.0720077	0.17829	0.76205	-1.31225	0.0576818	0.66511	-1.50351	0.0453287	0.646463	-1.54688	0.724761	1.06948	1.06948	0.216288	0.780963	-1.28047
cg19400842	PSMB3	0.0720088	0.874221	0.970976	-1.02989	0.388175	1.17873	1.17873	0.00742216	1.8987	1.8987	0.928797	0.98352	-1.01676	0.195684	1.28972	1.28972
cg12055459	FAM178B	0.0720096	0.0105615	1.72923	1.72923	0.178443	1.27561	1.27561	0.86401	0.971234	-1.02962	0.544533	1.11008	1.11008	0.364909	0.853407	-1.17177
cg15755348	CUX1;CUX1;CUX1	0.0720103	0.88126	0.923149	-1.08325	0.00553676	7.0297	7.0297	0.0764261	2.87049	2.87049	0.138833	0.426404	-2.34519	0.177457	0.464503	-2.15284
cg05361542	MLH3;MLH3	0.0720179	0.730004	1.07483	1.07483	0.822476	0.954274	-1.04792	0.725323	0.929161	-1.07624	0.990487	0.99752	-1.00249	0.4374	1.17939	1.17939
cg12095067	FBXL12	0.0720188	0.665685	0.813005	-1.23	0.0644577	2.68913	2.68913	0.244307	1.78615	1.78615	0.676103	1.22151	1.22151	0.540066	0.744232	-1.34367
cg22672078	DDX51;NOC4L	0.0720191	0.0828888	0.670098	-1.49232	0.784149	1.05891	1.05891	0.866225	0.965462	-1.03577	0.217367	0.762952	-1.3107	0.129607	0.710796	-1.40687
cg23299262	WNK4	0.0720208	0.0436284	0.745951	-1.34057	0.148785	0.822296	-1.21611	0.0186892	0.697586	-1.43352	0.882141	1.01892	1.01892	0.163244	0.828594	-1.20686
cg08750547	LRRK1	0.0720243	0.609021	0.942315	-1.06122	0.0379846	0.757985	-1.31929	0.216733	0.860961	-1.16149	0.626189	0.94503	-1.05817	0.310351	0.886119	-1.12852
cg11025750	SRBD1	0.0720273	0.986462	1.00254	1.00254	0.142835	0.790234	-1.26545	0.988274	0.997806	-1.0022	0.145286	0.791534	-1.26337	0.158951	1.25239	1.25239
cg14212631	ASPM	0.0720299	0.87092	1.01665	1.01665	0.643689	0.953799	-1.04844	0.822087	1.02314	1.02314	0.0728029	1.22537	1.22537	0.0697034	0.813833	-1.22875
cg10721755	TRAF5;TRAF5;TRAF5	0.0720307	0.13951	0.566124	-1.7664	0.574894	1.22477	1.22477	0.0906328	0.51323	-1.94844	0.00905207	0.30515	-3.27707	0.0740861	0.49057	-2.03845
cg12814244	NXF2B;NXF2;NXF2	0.072031	0.611702	0.764665	-1.30776	0.374541	0.6202	-1.61238	0.0223146	0.238071	-4.20042	0.252812	0.534716	-1.87015	0.0172175	0.218461	-4.57748
cg25049941	HLA-DQB2	0.0720346	0.727951	0.731694	-1.36669	0.00381861	32.7586	32.7586	0.646942	1.51064	1.51064	0.92623	1.08637	1.08637	0.643195	1.51786	1.51786
cg22694630	CHRNB4	0.072035	0.0663538	0.555976	-1.79864	0.403283	1.27612	1.27612	0.0436487	0.516224	-1.93715	0.00497079	0.346422	-2.88665	0.181117	0.667139	-1.49894
cg04226002	ZBTB16;ZBTB16	0.0720369	0.0309808	0.29017	-3.44626	0.0157868	0.235785	-4.24115	0.394243	0.652922	-1.53158	0.112024	0.429396	-2.32886	0.0550374	0.345501	-2.89435
cg16825290	HPSE2;HPSE2;HPSE2;HPSE2	0.0720412	0.0212772	18.3246	18.3246	0.49571	2.06826	2.06826	0.0567904	9.631	9.631	0.788295	0.753708	-1.32677	0.546939	0.527088	-1.89722
cg06398287	EHMT2;EHMT2	0.0720437	0.0230775	0.357858	-2.7944	0.0533047	0.438985	-2.27798	0.0601086	0.451858	-2.21308	0.146724	0.560562	-1.78393	0.0119451	0.302773	-3.3028
cg14508904	ZNF143	0.0720444	0.356594	0.847549	-1.17987	0.300277	0.829235	-1.20593	0.430872	0.869138	-1.15057	0.0632499	1.43968	1.43968	0.570498	0.904822	-1.10519
cg03861347	SULF2;SULF2;SULF2	0.0720455	0.0692248	0.335627	-2.9795	0.431265	1.53943	1.53943	0.907741	0.939636	-1.06424	0.32753	0.581107	-1.72085	0.0316729	0.258506	-3.86838
cg05694648	RAPGEF3;RAPGEF3;RAPGEF3	0.0720458	0.649178	0.871595	-1.14732	0.00284298	0.291484	-3.43072	0.039074	0.488388	-2.04755	0.396685	0.770713	-1.2975	0.44588	0.792016	-1.2626
cg26453990	FIBP;FIBP	0.0720463	0.145063	1.2857	1.2857	0.133836	1.29646	1.29646	0.66854	1.07161	1.07161	0.984291	0.996843	-1.00317	0.328236	0.850397	-1.17592
cg08255147	HSD17B10;HSD17B10	0.0720477	0.295037	0.617072	-1.62056	0.749949	0.867494	-1.15275	0.0849929	0.42883	-2.33193	0.736955	1.16168	1.16168	0.128182	2.07735	2.07735
cg26692860	ZNF286B	0.0720489	0.100244	0.755967	-1.32281	0.0302511	1.48553	1.48553	0.0400956	1.44559	1.44559	0.152364	0.788071	-1.26892	0.40291	0.875484	-1.14223
cg13571479	MAD1L1;MAD1L1;MAD1L1	0.0720497	0.0307605	0.199243	-5.01899	0.00733811	0.111076	-9.00287	0.164949	0.389891	-2.56482	0.855815	0.890786	-1.1226	0.0314699	0.201054	-4.9738
cg02893204	DIP2C	0.0720506	0.179543	1.27034	1.27034	0.946158	1.0114	1.0114	0.0298418	1.53579	1.53579	0.0267616	1.55345	1.55345	0.184754	0.789694	-1.26631
cg09778713	MYBPC3	0.0720512	0.0357994	0.316017	-3.16439	0.0592351	0.366258	-2.73031	0.0354293	0.315054	-3.17406	0.0698316	0.384383	-2.60157	0.0162936	0.25025	-3.996
cg19577617	GLS	0.072052	0.926278	0.988079	-1.01206	0.0666011	1.30543	1.30543	0.00759107	1.56038	1.56038	0.695788	0.950355	-1.05224	0.675117	0.946842	-1.05614
cg11590780	FLNC;FLNC	0.0720534	0.0325378	0.676213	-1.47882	0.950244	1.00981	1.00981	0.288852	0.841843	-1.18787	0.174753	0.797957	-1.2532	0.0545563	0.711046	-1.40638
cg25828346	HDAC4	0.0720546	0.0399438	2.68909	2.68909	0.861218	0.929696	-1.07562	0.841653	0.920048	-1.0869	0.511913	1.31932	1.31932	0.0146062	0.285708	-3.50008
cg26530275	GPC6	0.0720552	0.034002	0.583436	-1.71399	0.966851	1.00909	1.00909	0.0587537	1.59174	1.59174	0.452241	1.18145	1.18145	0.257759	0.773263	-1.29322
cg16203271	EMILIN1	0.0720555	0.268512	0.753127	-1.3278	0.212309	1.38153	1.38153	0.329241	1.28109	1.28109	0.621123	1.1304	1.1304	0.00347386	0.376886	-2.65332
cg02640020	C7orf47	0.0720594	0.024928	1.57985	1.57985	0.83351	1.03673	1.03673	0.704563	0.936804	-1.06746	0.909293	1.01972	1.01972	0.621136	1.08913	1.08913
cg07147033	MIB2;MIB2;MIB2;MIB2;MIB2	0.0720604	0.128813	0.380625	-2.62726	0.0460794	0.260504	-3.83871	0.79449	1.16605	1.16605	0.85793	0.899922	-1.11121	0.0307114	0.224548	-4.4534
cg19487455	MIR509-1;MIR509-3;MIR509-2	0.0720605	0.290223	0.542008	-1.84499	0.0559345	0.298717	-3.34765	0.132069	0.403759	-2.47673	0.0460823	0.279322	-3.5801	0.0188487	0.20446	-4.89093
cg25541078	C1QL1	0.0720611	0.0355755	0.173921	-5.74972	0.0544941	0.21019	-4.7576	0.223624	0.400873	-2.49455	0.933404	0.941998	-1.06157	0.0663037	0.22934	-4.36034
cg25195374	NAT2	0.0720638	0.251822	0.558521	-1.79044	0.552095	0.746256	-1.34002	0.124303	0.444984	-2.24727	0.0144658	0.230808	-4.33261	0.0140079	0.228503	-4.3763
cg00604736	AQP6;AQP6	0.0720639	0.144768	1.50752	1.50752	0.0306867	1.9451	1.9451	0.00406458	2.74789	2.74789	0.440793	1.22877	1.22877	0.787121	1.07351	1.07351
cg21294209	RAD54L;RAD54L;RAD54L	0.0720643	0.475598	0.728157	-1.37333	0.0429174	0.361005	-2.77004	0.954295	1.02538	1.02538	?	?	?	0.00277007	0.164541	-6.07752
cg03679734	CKMT1B	0.0720645	0.354779	1.41526	1.41526	0.733349	0.88271	-1.13287	0.930192	1.03248	1.03248	0.876992	0.945056	-1.05814	0.0660543	0.471279	-2.12188
cg21204860	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0720649	0.0536701	0.392792	-2.54588	0.0771238	2.31225	2.31225	0.456711	1.38164	1.38164	0.459952	0.725521	-1.37832	0.183454	0.54776	-1.82562
cg11965514	C8orf76	0.072067	?	?	?	0.478963	0.746836	-1.33898	0.135225	0.506917	-1.97271	?	?	?	0.0123375	0.232404	-4.30286
cg02666434	SLC35C2;SLC35C2;SLC35C2	0.0720674	0.0975725	0.772846	-1.29392	0.105899	1.28447	1.28447	0.0718823	1.32952	1.32952	0.11237	1.27764	1.27764	0.100602	1.29039	1.29039
cg22871797	CYFIP1;CYFIP1	0.0720679	0.68005	1.06507	1.06507	0.078015	1.34675	1.34675	0.0485012	0.70988	-1.40869	0.0206072	1.52794	1.52794	0.791502	0.960521	-1.0411
cg10805850	FARP1;FARP1	0.0720684	0.479037	1.66562	1.66562	0.0114905	9.40872	9.40872	0.65374	1.37729	1.37729	0.676576	1.34638	1.34638	0.0405194	0.1869	-5.35045
cg07007400	KRT7	0.072069	0.0373167	18.3096	18.3096	0.0320697	20.5104	20.5104	0.136806	6.87639	6.87639	0.0977551	8.8946	8.8946	0.0373038	18.3144	18.3144
cg09169335	HCN4	0.0720707	0.51754	1.50117	1.50117	0.0477823	4.06058	4.06058	0.834116	1.13865	1.13865	0.172566	2.45679	2.45679	0.335291	1.85005	1.85005
cg13459764	C9orf37	0.0720711	0.981633	1.00285	1.00285	0.584624	1.07057	1.07057	0.550632	0.928123	-1.07744	0.51304	0.921321	-1.0854	0.235636	1.16595	1.16595
cg08446798	ZCCHC14	0.0720737	0.683847	1.16527	1.16527	0.0128828	3.16944	3.16944	0.0401536	2.42503	2.42503	0.972055	1.01317	1.01317	0.248025	0.636899	-1.57011
cg13659051	LRRC26	0.0720739	0.615627	0.717152	-1.39441	0.41902	1.72	1.72	0.50677	0.642503	-1.55641	0.750829	1.23274	1.23274	0.00294029	0.0683957	-14.6208
cg04118154	C1orf228;TMEM53;TMEM53	0.0720797	0.101708	0.814079	-1.22838	0.908893	1.01323	1.01323	0.797552	0.970919	-1.02995	0.910297	0.987144	-1.01302	0.130778	0.829166	-1.20603
cg06046819	SMTNL2;SMTNL2	0.0720801	0.135795	1.21313	1.21313	0.168563	1.19284	1.19284	0.011774	0.685151	-1.45953	0.199722	0.849736	-1.17684	0.562066	1.073	1.073
cg25667000	UNC5A	0.0720821	0.10796	0.573821	-1.7427	0.424554	0.77239	-1.29468	0.0849067	0.546972	-1.82825	0.59213	0.842597	-1.18681	0.087663	0.550453	-1.81668
cg10175712	UNC80;UNC80	0.0720824	0.413031	0.811979	-1.23156	0.00224314	0.344778	-2.90042	0.236309	0.734299	-1.36184	0.0723044	0.607036	-1.64735	0.311071	0.770406	-1.29802
cg23697861	ZDHHC4;ZDHHC4;ZDHHC4;ZDHHC4	0.0720829	0.0836612	0.715156	-1.3983	0.16484	1.29625	1.29625	0.442642	0.8719	-1.14692	0.341225	0.842197	-1.18737	0.953975	0.989944	-1.01016
cg13626842	TUBB2A;TUBB2A	0.0720837	0.00697444	0.0927185	-10.7853	0.102167	0.30555	-3.27278	0.844535	1.13694	1.13694	0.259958	2.16621	2.16621	0.303077	2.0157	2.0157
cg23339291	EYS	0.0720859	0.220911	0.751939	-1.3299	0.0358091	0.582093	-1.71794	0.961826	0.989452	-1.01066	0.566913	0.879651	-1.13681	0.0786126	1.54154	1.54154
cg00847544	PTPRN2;PTPRN2;PTPRN2	0.0720875	0.0165578	0.780628	-1.28102	0.426215	1.07116	1.07116	0.516894	0.945918	-1.05717	0.641836	0.961143	-1.04043	0.0406092	0.818705	-1.22144
cg02838432	AMOTL1	0.0720875	0.446044	1.20363	1.20363	0.71392	0.915893	-1.09183	0.0401806	0.567956	-1.7607	0.849075	0.95556	-1.04651	0.0253112	0.530203	-1.88607
cg02782426	ENTPD3	0.0720877	0.0674048	0.212993	-4.69499	0.074934	4.4668	4.4668	0.0629843	4.84698	4.84698	0.625227	0.689716	-1.44987	0.112268	0.271231	-3.68689
cg26049092	BARD1	0.0720884	0.130401	0.614108	-1.62838	0.140278	0.622777	-1.60571	0.0672751	0.542229	-1.84424	0.795561	1.08058	1.08058	0.970357	1.01115	1.01115
cg10072611	C1QTNF8	0.0720887	0.0240252	1.67772	1.67772	0.226812	1.27624	1.27624	0.0169933	1.74978	1.74978	0.136775	1.36085	1.36085	0.220783	1.28074	1.28074
cg21133261	KIAA1549;KIAA1549	0.0720899	0.285388	1.25806	1.25806	0.0583607	1.5567	1.5567	0.0173446	1.82126	1.82126	0.886855	0.970973	-1.02989	0.0603213	1.5501	1.5501
cg17560929	COL11A2;RXRB;COL11A2;COL11A2;COL11A2	0.0720904	0.864376	0.961998	-1.0395	0.183633	1.37671	1.37671	0.155694	1.41093	1.41093	0.00391601	2.41081	2.41081	0.193307	0.732007	-1.36611
cg00542975	CLASP1;CLASP1;CLASP1	0.0720904	0.823237	0.898842	-1.11254	0.075818	2.56495	2.56495	0.0576275	2.78256	2.78256	0.426704	1.47236	1.47236	0.0175112	0.251997	-3.9683
cg20287221	AATK	0.0720942	0.171546	0.756504	-1.32187	0.10705	0.713722	-1.40111	0.218808	0.780407	-1.28138	0.737188	0.937474	-1.0667	0.482464	0.872104	-1.14665
cg26477856	DGKA;DGKA;DGKA;DGKA	0.0720959	0.349782	0.839339	-1.19141	0.530644	1.12253	1.12253	0.822496	1.04173	1.04173	0.536665	0.892391	-1.12058	0.00867704	0.544042	-1.83809
cg13808508	NFIL3	0.072097	0.453649	0.893548	-1.11913	0.963683	0.993309	-1.00674	0.0161403	1.54344	1.54344	0.158416	1.24897	1.24897	0.912712	1.0163	1.0163
cg01962510	DGCR5	0.072097	0.52703	0.861788	-1.16038	0.0873371	0.645283	-1.54971	0.364196	1.24161	1.24161	0.27451	0.768069	-1.30197	0.296022	0.777646	-1.28593
cg19431963	ARRDC3;LOC100129716;ARRDC3	0.0720976	0.0341245	0.702551	-1.42338	0.0245712	1.46572	1.46572	0.273488	1.17671	1.17671	0.674496	0.941469	-1.06217	0.842571	0.972006	-1.0288
cg20360286	LYPD6	0.0720977	0.640856	1.32316	1.32316	0.00376144	10.2882	10.2882	0.0339095	4.37534	4.37534	0.93626	1.04883	1.04883	0.914773	1.06588	1.06588
cg20821271	ADNP2	0.0721009	0.0259005	0.499066	-2.00374	0.348388	0.775917	-1.2888	0.17441	0.68409	-1.4618	0.3699	0.785064	-1.27378	0.00353842	0.353807	-2.8264
cg10620305	TRIM4;TRIM4	0.0721019	0.292002	1.23861	1.23861	0.674018	0.920531	-1.08633	0.412667	0.8488	-1.17813	0.0976288	1.42722	1.42722	0.026051	0.596354	-1.67686
cg25421903	ARSD;ARSD	0.0721027	0.553531	0.825369	-1.21158	0.185528	1.56762	1.56762	0.00462406	3.3423	3.3423	0.756683	1.10465	1.10465	0.0464368	0.481702	-2.07597
cg16465663	MEGF11	0.0721057	0.00985553	0.144803	-6.90593	0.67367	1.28523	1.28523	0.119412	2.7214	2.7214	0.87535	0.91119	-1.09747	0.0495225	0.265087	-3.77234
cg19674350	PRDM15;PRDM15	0.0721063	0.951416	1.01445	1.01445	0.375894	0.807425	-1.23851	0.086956	0.640861	-1.5604	0.929535	1.02104	1.02104	0.0264459	0.538241	-1.8579
cg26248284	LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMCH1	0.0721069	0.599411	1.0854	1.0854	0.0619638	1.384	1.384	0.0521855	1.40702	1.40702	0.106799	1.31291	1.31291	0.406832	0.877042	-1.1402
cg22510442	TMEM167B	0.0721085	0.0573594	3.10397	3.10397	0.25196	1.87865	1.87865	0.142469	2.29486	2.29486	0.358706	1.64421	1.64421	0.770609	1.16654	1.16654
cg02035733	SAMD4A;SAMD4A;SAMD4A	0.0721088	0.0876313	0.348492	-2.86951	0.00295405	0.102116	-9.79283	0.0415507	0.268771	-3.72064	0.999931	0.999952	-1.00005	0.320774	0.563517	-1.77457
cg10694914	POU2AF1	0.0721099	0.467456	1.18494	1.18494	0.43464	1.20076	1.20076	0.624718	1.1198	1.1198	0.66429	0.90464	-1.10541	0.527586	1.15823	1.15823
cg27370461	PPP2R1B;PPP2R1B	0.07211	0.266746	0.841853	-1.18786	0.0295849	1.46389	1.46389	0.0470187	1.40243	1.40243	0.828743	1.03276	1.03276	0.759522	0.955348	-1.04674
cg07472764	ZNF766;MIR643	0.0721105	0.0216048	0.352105	-2.84007	0.17143	0.576404	-1.73489	0.840784	0.926715	-1.07908	0.263018	1.5551	1.5551	0.259638	0.640855	-1.56042
cg00008452	APAF1;APAF1;APAF1;APAF1;APAF1	0.0721114	0.825938	1.07579	1.07579	0.0212843	0.399275	-2.50454	0.013405	0.36215	-2.76129	0.897762	0.958259	-1.04356	0.136883	0.587739	-1.70143
cg26092776	C12orf76	0.0721122	0.276733	1.31223	1.31223	0.00737368	2.29185	2.29185	0.0339131	1.81266	1.81266	0.178418	1.40974	1.40974	0.55152	1.1557	1.1557
cg12191938	AGAP11	0.0721127	0.0607752	45.5499	45.5499	0.476163	3.62464	3.62464	0.177569	12.9924	12.9924	0.205107	10.9131	10.9131	0.0862105	0.032922	-30.3748
cg00630724	PITX3	0.0721157	0.0787771	50.5932	50.5932	0.0354576	137.243	137.243	0.11555	31.146	31.146	0.181836	17.2632	17.2632	0.76492	1.82718	1.82718
cg10324158	CLEC3B	0.0721157	0.0532746	0.338127	-2.95747	0.206785	0.518121	-1.93005	0.705972	0.829297	-1.20584	0.107824	0.420393	-2.37873	0.0315446	0.287877	-3.47371
cg03522824	KTELC1;KTELC1	0.0721161	0.042963	0.554687	-1.80282	0.0588771	1.71572	1.71572	0.0968722	1.58582	1.58582	0.106445	0.640156	-1.56212	0.63106	0.884769	-1.13024
cg26116560	REEP1;REEP1;REEP1;REEP1	0.0721162	0.0499901	0.496754	-2.01307	0.199264	1.52891	1.52891	0.318597	1.38079	1.38079	0.493072	0.804209	-1.24346	0.0745879	0.537008	-1.86217
cg00096039	UBE3A;UBE3A;UBE3A	0.0721198	0.807682	0.89956	-1.11165	0.61007	1.25012	1.25012	0.76806	1.13696	1.13696	0.38557	1.47122	1.47122	0.00791314	0.228014	-4.38569
cg12642297	IL17RA;IL17RA	0.072121	0.16112	2.72933	2.72933	0.554727	0.669766	-1.49306	0.148622	2.82724	2.82724	0.360444	1.87897	1.87897	0.613491	0.710574	-1.40731
cg01048372	C8orf73	0.0721213	0.111971	1.64133	1.64133	0.0407425	0.508501	-1.96657	0.316735	0.743547	-1.34491	0.115544	1.63198	1.63198	0.0703896	1.78426	1.78426
cg02152108	RAC2	0.0721214	0.155012	0.407741	-2.45254	0.0358789	0.237146	-4.21681	0.122282	0.372619	-2.6837	0.0783941	0.315833	-3.16623	0.0114874	0.155064	-6.44896
cg19893820	TTLL6;TTLL6	0.0721224	0.176087	0.384455	-2.60109	0.662782	0.747064	-1.33857	0.17981	0.387999	-2.57733	0.0979782	0.299287	-3.34128	0.343705	0.52297	-1.91215
cg07629454	CASR	0.0721227	0.823658	1.14424	1.14424	0.966667	1.02554	1.02554	?	?	?	0.190814	0.430217	-2.32441	0.497201	0.659037	-1.51737
cg24030735	MYH3	0.0721232	0.336445	0.865926	-1.15483	0.0489909	0.721458	-1.38608	0.239398	1.19596	1.19596	0.480849	0.901153	-1.10969	0.546476	0.915171	-1.09269
cg08967211	GABBR1;GABBR1;GABBR1	0.0721238	0.818878	0.954739	-1.04741	0.274643	1.25801	1.25801	0.9443	1.01421	1.01421	0.576836	0.892402	-1.12057	0.936099	1.01632	1.01632
cg02901431	SCOC	0.0721243	0.504384	0.767856	-1.30233	0.00602144	0.246787	-4.05208	0.246483	1.60409	1.60409	0.290501	1.53377	1.53377	0.100874	0.496278	-2.015
cg05433102	GPR177;GPR177	0.0721286	0.13137	0.511473	-1.95514	0.0663114	0.428362	-2.33447	0.145899	0.525905	-1.90149	0.25819	0.615299	-1.62523	0.0678021	0.43081	-2.32121
cg07590632	SFXN1	0.0721326	0.0954719	0.745305	-1.34173	0.352778	1.16586	1.16586	0.0154487	0.620704	-1.61107	0.100713	0.749347	-1.3345	0.778957	1.0462	1.0462
cg00420348	EFCAB4A	0.072138	0.082451	4.82124	4.82124	0.137391	3.70022	3.70022	0.0358841	7.3615	7.3615	0.0372025	7.22761	7.22761	0.248482	0.372876	-2.68185
cg11646734	DHFR;MSH3	0.0721389	0.183207	0.663179	-1.50789	0.296211	0.729787	-1.37026	0.0132445	0.409486	-2.44209	0.814678	1.07067	1.07067	0.541454	1.19694	1.19694
cg24438579	C12orf12;C12orf12	0.0721393	0.171181	0.794689	-1.25835	0.132334	0.774018	-1.29196	0.256481	0.829599	-1.2054	0.788878	1.04324	1.04324	0.163627	1.26424	1.26424
cg03771739	PIP4K2A	0.0721413	0.404642	0.80219	-1.24659	0.0390481	0.539331	-1.85415	0.178848	1.44651	1.44651	0.983707	1.00529	1.00529	0.752038	0.921334	-1.08538
cg21926138	C1orf88	0.0721423	0.174633	1.32769	1.32769	0.985609	1.00355	1.00355	0.197673	0.765442	-1.30643	0.0177757	1.76078	1.76078	0.0248481	1.68923	1.68923
cg20207911	RCVRN	0.0721429	0.0672007	0.314586	-3.17878	0.60669	1.34013	1.34013	0.748291	0.834003	-1.19904	0.403677	0.617686	-1.61894	0.016938	0.193562	-5.16631
cg25964534	C6orf26	0.0721431	0.0390922	0.1886	-5.30222	0.0337982	0.177041	-5.64841	0.200039	0.388422	-2.57452	0.241902	0.425005	-2.35291	0.0237578	0.151776	-6.58867
ch.4.1889364R	EIF4E;EIF4E;EIF4E	0.0721443	0.0236584	0.304943	-3.2793	0.0758641	0.419563	-2.38343	0.0133329	0.259819	-3.84883	0.0396455	0.351365	-2.84605	0.0303181	0.326489	-3.06289
cg18626346	EVI5L	0.0721446	0.113297	1.39545	1.39545	0.29359	1.23449	1.23449	0.263914	1.25254	1.25254	0.393513	1.18413	1.18413	0.59149	1.11044	1.11044
cg19084479	POLD2;POLD2	0.0721465	0.0284447	6.89105	6.89105	0.0936722	3.95908	3.95908	0.303916	2.21388	2.21388	0.133549	3.34628	3.34628	0.112522	3.63105	3.63105
cg01819552	CRHR2	0.0721479	0.996191	0.997392	-1.00261	0.0218374	0.221967	-4.50517	0.108634	0.38397	-2.60437	0.0327148	0.254931	-3.92263	0.0111926	0.175741	-5.69018
cg02835742	KIF13B	0.0721487	0.0974676	0.566276	-1.76592	0.00647127	3.02537	3.02537	0.146499	1.62804	1.62804	0.751512	1.10444	1.10444	0.531063	0.820027	-1.21947
cg03927113	MCTS1;MCTS1;MCTS1	0.0721521	0.0461649	0.392501	-2.54777	0.00844908	0.252446	-3.96125	0.991138	1.00456	1.00456	0.999926	0.999962	-1.00004	0.127263	0.50911	-1.96421
cg05365285	ZNF598	0.0721524	0.0919744	0.712691	-1.40313	0.192102	0.777162	-1.28673	0.289089	1.22254	1.22254	0.274422	0.812499	-1.23077	0.0916244	1.40375	1.40375
cg19654061	ALPP;ALPP	0.0721543	0.52912	0.713484	-1.40157	0.50581	0.699441	-1.42971	0.122661	0.412434	-2.42463	0.038759	0.281622	-3.55085	0.0956895	0.379453	-2.63538
cg21428681	NKX3-1	0.0721544	0.0294676	3.70497	3.70497	0.654898	1.25835	1.25835	0.758503	1.17061	1.17061	0.755469	0.852504	-1.17302	0.0537918	3.06021	3.06021
cg06025835	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.0721551	0.123274	0.728817	-1.37209	0.486712	0.874675	-1.14328	0.0803217	1.44423	1.44423	0.494624	0.876861	-1.14043	0.13747	0.738535	-1.35403
cg11613427	TMEM110	0.0721552	0.277141	1.50741	1.50741	0.00477167	3.8976	3.8976	0.980628	1.00885	1.00885	0.0318761	2.49219	2.49219	0.505629	1.27793	1.27793
cg19521693	CACNG8	0.0721557	0.0205391	0.190984	-5.23605	0.0975331	0.34006	-2.94066	0.522677	0.680886	-1.46868	0.2445	0.485624	-2.05921	0.0315325	0.22401	-4.46408
cg00201414	THSD1P	0.0721563	0.0357397	4.75178	4.75178	0.0898111	3.29576	3.29576	0.55753	1.45981	1.45981	0.473386	1.59214	1.59214	0.377968	1.78057	1.78057
cg21755044	LOC100133669	0.0721568	0.767088	0.920441	-1.08644	0.372729	0.774592	-1.291	0.00434218	0.345137	-2.8974	0.584491	1.16664	1.16664	0.285952	0.733955	-1.36248

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25952997	0.0758762	6.24463	6.24463	0.0219542	12.7866	12.7866	0.00583316	28.4204	28.4204	0.0886751	5.70441	5.70441	2.93749	39.9946	12.1024	1
cg18355311	0.0489195	0.374929	-2.66717	0.972739	0.985202	-1.01502	0.480349	1.3675	1.3675	0.109596	0.467187	-2.14047	2.93747	8.85494	2.67954	1
cg16658582	0.0268335	1.98164	1.98164	0.0808572	1.65673	1.65673	0.470283	0.825675	-1.21113	0.837484	1.05502	1.05502	2.93745	3.16406	0.95746	1
cg09742688	0.924726	1.04781	1.04781	0.309695	1.68583	1.68583	0.0834403	2.61719	2.61719	0.221292	1.89702	1.89702	3.15452	11.9453	2.94523	1
cg01153342	0.0190921	1.82235	1.82235	0.159591	1.37431	1.37431	0.804459	1.05388	1.05388	0.48387	1.16243	1.16243	2.9374	2.08212	0.63007	1
cg13199615	0.376072	1.05893	1.05893	0.00696695	0.802495	-1.24611	0.658395	0.972343	-1.02844	0.262758	0.929045	-1.07637	2.93739	0.184837	0.0559338	1
cg22057372	0.0137818	2.29257	2.29257	0.306487	1.33445	1.33445	0.278638	1.35932	1.35932	0.454202	0.812404	-1.23092	2.93737	3.45491	1.0455	1
cg10823804	0.959734	0.977961	-1.02254	0.530883	0.755638	-1.32338	0.0919402	0.440915	-2.26801	0.216024	0.562876	-1.77659	2.93735	9.0636	2.74279	1
cg26701943	0.0708852	0.529469	-1.88869	0.869935	1.05299	1.05299	0.0457167	2.05811	2.05811	0.720776	1.11973	1.11973	2.93735	4.61897	1.39777	1
cg15736165	0.130253	0.465633	-2.14761	0.0177235	0.259549	-3.85284	0.0619737	0.3742	-2.67237	0.0697734	0.387341	-2.5817	2.93731	10.1762	3.07952	1
cg00403724	0.155299	2.17218	2.17218	0.20966	0.509426	-1.96299	0.929214	1.04637	1.04637	0.0181712	0.231527	-4.31915	2.93728	12.1055	3.66342	1
cg00471141	0.0758156	0.396583	-2.52154	0.00723076	0.197468	-5.0641	0.204289	0.534198	-1.87197	0.123032	0.457499	-2.1858	2.93727	10.1904	3.08386	1
cg00820513	0.0955328	1.82905	1.82905	0.827949	0.930746	-1.07441	0.0270561	2.37035	2.37035	0.242517	1.49677	1.49677	2.93726	5.05788	1.53064	1
cg00286125	0.759095	1.19571	1.19571	0.0702918	3.24046	3.24046	0.245456	2.02573	2.02573	0.0837638	3.04059	3.04059	2.93724	15.7083	4.75375	1
cg11877232	0.185041	1.31989	1.31989	0.0122917	1.85097	1.85097	0.543263	0.885594	-1.12919	0.0913779	0.692741	-1.44354	2.93723	1.81376	0.548896	1
cg18996760	0.79453	1.07755	1.07755	0.0299991	0.481661	-2.07615	0.114808	0.612179	-1.63351	0.517752	0.828901	-1.20642	2.93721	3.80934	1.15282	1
cg24066641	0.199055	1.37485	1.37485	0.886472	0.967043	-1.03408	0.0319997	1.80294	1.80294	0.862767	0.960226	-1.04142	2.93721	2.56006	0.774754	1
cg21583727	0.23743	1.13822	1.13822	0.00625593	1.45163	1.45163	0.506846	1.07298	1.07298	0.465086	0.92518	-1.08087	2.93718	0.508998	0.15404	1
cg22042060	0.254463	1.25368	1.25368	0.101844	0.711587	-1.40531	0.042024	1.56076	1.56076	0.680185	0.924266	-1.08194	2.93717	1.67936	0.508232	1
cg19400842	0.0310249	0.624548	-1.60116	0.712938	0.933603	-1.07112	0.239453	1.25738	1.25738	0.339766	1.20073	1.20073	2.93715	1.60802	0.486645	1
cg12055459	0.0280414	1.55557	1.55557	0.0507565	1.46078	1.46078	0.448303	0.876713	-1.14062	0.288405	1.20642	1.20642	2.93713	1.3486	0.408139	1
cg15755348	0.824192	0.887778	-1.12641	0.815646	1.13308	1.13308	0.470205	1.48146	1.48146	0.585473	0.7448	-1.34264	2.93712	13.3135	4.0292	1
cg05361542	0.015319	1.85894	1.85894	0.00758352	0.489046	-2.0448	0.557275	1.1316	1.1316	0.523378	0.873974	-1.1442	2.937	2.01792	0.610728	1
cg12095067	0.0366462	0.314648	-3.17816	0.40862	1.49553	1.49553	0.0222152	0.271075	-3.68901	0.217479	1.85498	1.85498	2.93698	10.5489	3.19266	1
cg22672078	0.287675	0.794423	-1.25877	0.00215325	0.407309	-2.45514	0.312243	0.804184	-1.2435	0.837348	1.04378	1.04378	2.93698	2.02162	0.611851	1
cg23299262	0.336531	1.13338	1.13338	0.017183	0.692901	-1.44321	0.432292	0.903699	-1.10656	0.70164	1.04984	1.04984	2.93695	0.742579	0.224747	1
cg08750547	0.0866345	0.804138	-1.24357	0.735186	1.03988	1.03988	0.0135716	0.703425	-1.42162	0.0101023	0.688107	-1.45326	2.93689	0.617044	0.186757	1
cg11025750	0.922061	0.985478	-1.01474	0.433959	1.12676	1.12676	0.383095	0.874851	-1.14305	0.00358699	0.554561	-1.80323	2.93684	1.03935	0.314579	1
cg14212631	0.423228	0.92029	-1.08661	0.00919018	0.714709	-1.39917	0.328292	1.1079	1.1079	0.238348	1.13363	1.13363	2.9368	0.479679	0.145186	1
cg10721755	0.0357131	0.417068	-2.39769	0.663343	0.854949	-1.16966	0.480792	1.29229	1.29229	0.169273	0.592179	-1.68868	2.93679	5.95441	1.80225	1
cg12814244	0.399587	0.636376	-1.5714	0.0498077	0.309532	-3.23068	0.011718	0.191955	-5.20954	0.124508	0.418242	-2.39096	2.93678	12.7769	3.86723	1
cg25049941	0.999518	0.99946	-1.00054	0.055768	0.143884	-6.95003	0.132881	4.26521	4.26521	0.49319	1.86364	1.86364	2.93672	37.2199	11.2657	1
cg22694630	0.824224	1.06547	1.06547	0.574147	0.850554	-1.1757	0.295366	0.733918	-1.36255	0.190605	0.67361	-1.48454	2.93672	3.77994	1.14412	1
cg04226002	0.113779	0.431472	-2.31765	0.0393974	0.312175	-3.20333	0.0516704	0.338946	-2.95032	0.0559702	0.347267	-2.87963	2.93668	11.1	3.35979	1
cg16825290	0.395045	0.40047	-2.49707	0.856457	0.826776	-1.20952	0.00866926	33.6151	33.6151	0.552032	1.88152	1.88152	2.93661	51.3315	15.5376	1
cg06398287	0.0243896	0.362805	-2.7563	0.872095	0.942488	-1.06102	0.586426	0.81692	-1.22411	0.317457	0.682647	-1.46488	3.15352	6.60597	1.62928	1
cg14508904	0.0305519	1.55791	1.55791	0.0177565	0.604784	-1.65348	0.613188	1.093	1.093	0.99032	0.997886	-1.00212	2.93656	1.41535	0.428422	1
cg03861347	0.500908	1.44326	1.44326	0.00755919	0.157933	-6.33179	0.107178	0.388896	-2.57138	0.620437	0.764822	-1.30749	2.93654	13.4149	4.06069	1
cg05694648	0.601153	1.17148	1.17148	0.123711	0.606344	-1.64923	0.122749	0.605437	-1.6517	0.473655	0.803576	-1.24444	2.93654	4.18788	1.26767	1
cg26453990	0.133524	0.771143	-1.29678	0.0186629	0.632644	-1.58067	0.0527174	0.702129	-1.42424	0.330544	1.17496	1.17496	2.93653	1.19931	0.363031	1
cg08255147	0.0249862	0.305524	-3.27307	0.0271687	0.312734	-3.1976	0.0441053	0.357638	-2.79612	0.58203	0.781037	-1.28035	2.93651	9.19126	2.78222	1
cg26692860	0.252507	0.830535	-1.20404	0.202578	1.23243	1.23243	0.525374	0.904859	-1.10515	0.618054	0.92488	-1.08122	2.93649	1.12241	0.339758	1
cg13571479	0.122953	0.345553	-2.89391	0.0531622	0.247356	-4.04276	0.42004	0.592248	-1.68848	0.564748	0.690652	-1.44791	2.93647	18.8024	5.69161	1
cg02893204	0.824196	1.03805	1.03805	0.0154825	1.64628	1.64628	0.979146	1.0044	1.0044	0.315854	1.19014	1.19014	2.93646	1.31031	0.396641	1
cg09778713	0.0495186	0.347532	-2.87744	0.0557745	0.359854	-2.77891	0.259915	0.574519	-1.74059	0.173095	0.504755	-1.98116	2.93645	10.3436	3.1311	1
cg19577617	0.222484	0.846938	-1.18072	0.0665637	0.765997	-1.30549	0.590416	1.07295	1.07295	0.923131	1.01258	1.01258	2.93644	0.7809	0.236386	1
cg11590780	0.552259	0.910261	-1.09859	0.883725	0.977377	-1.02315	0.0149117	1.59705	1.59705	0.966581	1.00657	1.00657	2.93641	1.13708	0.344209	1
cg25828346	0.928992	1.03783	1.03783	0.0658697	0.423273	-2.36254	0.146959	1.91253	1.91253	0.504099	1.32633	1.32633	2.93639	8.07097	2.4432	1
cg26530275	0.162388	0.7227	-1.3837	0.0423034	1.66403	1.66403	0.2239	1.32075	1.32075	0.539356	0.873451	-1.14488	2.93638	2.20469	0.667394	1
cg16203271	0.533375	1.16789	1.16789	0.311688	1.29367	1.29367	0.457396	0.830126	-1.20464	0.502139	0.845719	-1.18243	2.93638	2.81459	0.85202	1
cg02640020	0.0078768	0.557544	-1.79358	0.867337	1.02906	1.02906	0.226235	0.804324	-1.24328	0.240814	1.23421	1.23421	2.93631	1.36571	0.413432	1
cg07147033	0.233397	0.479382	-2.08602	0.0056806	0.11825	-8.45665	0.117802	0.368051	-2.71701	0.263707	0.503768	-1.98504	2.9363	16.1051	4.8754	1
cg19487455	0.947017	1.03778	1.03778	0.0860961	0.347075	-2.88122	0.603749	0.746646	-1.33932	0.011398	0.170821	-5.85407	2.9363	14.4788	4.38309	1
cg25541078	0.165908	0.347719	-2.87589	0.00638152	0.0790488	-12.6504	0.262319	0.433609	-2.30623	0.0621524	0.222837	-4.48759	2.93629	23.7707	7.19599	1
cg25195374	0.219796	0.533774	-1.87345	0.0268678	0.279266	-3.58082	0.583762	0.763982	-1.30893	0.0431667	0.322434	-3.10141	2.93624	11.0086	3.33265	1
cg00604736	0.183054	1.4481	1.4481	0.558694	1.16764	1.16764	0.31569	1.31243	1.31243	0.0329195	1.9229	1.9229	2.93624	3.19396	0.96691	1
cg21294209	0.804104	0.897019	-1.1148	0.714388	0.85152	-1.17437	0.635294	1.23236	1.23236	0.675604	0.831902	-1.20206	2.9742	8.00689	2.69212	1
cg03679734	0.681036	0.860025	-1.16276	0.00288661	0.224276	-4.45879	0.280165	1.50619	1.50619	0.441083	0.750801	-1.33191	2.93623	6.19001	1.87391	1
cg21204860	0.0650301	2.41954	2.41954	0.126708	0.494333	-2.02293	0.144927	0.512895	-1.94972	0.176871	0.542147	-1.84452	2.93622	8.45869	2.56072	1
cg11965514	0.0368839	0.340125	-2.9401	0.693222	1.17304	1.17304	0.0288562	0.313728	-3.18748	0.501395	0.758472	-1.31844	4.03035	7.33416	1.29981	1
cg02666434	0.152656	0.80482	-1.24251	0.556188	0.919088	-1.08804	0.452321	0.89715	-1.11464	0.0906676	1.30242	1.30242	2.93618	0.934354	0.282863	1
cg22871797	0.538605	1.09928	1.09928	0.0301668	1.47339	1.47339	0.343337	1.15998	1.15998	0.882895	0.977841	-1.02266	2.93617	1.07475	0.325368	1
cg10805850	0.245775	2.3647	2.3647	0.087324	0.262295	-3.8125	0.278653	2.22248	2.22248	0.755177	1.24828	1.24828	2.93617	23.3744	7.07633	1
cg07007400	0.150238	6.39347	6.39347	0.0507338	14.5545	14.5545	0.0257922	24.1605	24.1605	0.0470719	15.3921	15.3921	2.93616	67.2982	20.3738	1
cg09169335	0.0817483	3.30145	3.30145	0.00700829	8.66167	8.66167	0.0919717	3.15376	3.15376	0.0195125	5.74249	5.74249	2.93613	17.8275	5.39712	1
cg13459764	0.0042077	1.60562	1.60562	0.0452477	1.32811	1.32811	0.274842	0.869057	-1.15067	0.862614	0.978831	-1.02163	2.93612	0.709604	0.214827	1
cg08446798	0.432943	0.741599	-1.34844	0.110892	1.91337	1.91337	0.498986	1.29226	1.29226	0.131524	0.544331	-1.83712	2.93608	6.48958	1.9647	1
cg13659051	0.244817	0.449756	-2.22343	0.0824473	0.282689	-3.53745	0.604261	0.709354	-1.40973	0.071768	0.267046	-3.74467	2.93608	20.0586	6.07268	1
cg04118154	0.365848	0.898825	-1.11256	0.00356584	0.635531	-1.57349	0.434254	1.09593	1.09593	0.225053	1.15754	1.15754	2.93598	0.612918	0.185565	1
cg06046819	0.884196	1.01767	1.01767	0.149414	1.20416	1.20416	0.512063	1.0832	1.0832	0.12995	0.821517	-1.21726	2.93597	0.671705	0.203364	1
cg25667000	0.430354	0.774987	-1.29034	0.00334749	0.282412	-3.54093	0.0305247	0.447086	-2.23671	0.394862	0.758837	-1.31781	2.93594	4.66335	1.41188	1
cg10175712	0.679968	1.10875	1.10875	0.716209	1.09512	1.09512	0.948894	1.01608	1.01608	0.200533	0.714266	-1.40004	2.93594	2.88014	0.871998	1
cg23697861	0.563689	1.10762	1.10762	0.745024	1.05881	1.05881	0.921152	1.01749	1.01749	0.00332961	0.496676	-2.01338	2.93593	1.42589	0.431705	1
cg13626842	?	?	?	0.16099	0.372117	-2.68733	0.490628	0.632105	-1.58202	0.190792	0.401155	-2.4928	3.18957	18.7764	5.15098	1
cg23339291	0.69017	0.915055	-1.09283	0.545729	0.873309	-1.14507	0.489841	1.16814	1.16814	0.00787883	0.469896	-2.12813	2.93588	2.28227	0.690999	1
cg00847544	0.247419	1.10773	1.10773	0.665256	0.96384	-1.03752	0.115746	0.865324	-1.15564	0.0260192	0.799703	-1.25046	2.93585	0.332839	0.100774	1
cg02838432	0.0144595	0.487188	-2.0526	0.554169	1.15347	1.15347	0.929787	1.02125	1.02125	0.0704868	0.617322	-1.6199	2.93585	2.64734	0.801537	1
cg02782426	0.648561	0.707329	-1.41377	0.0330623	0.152497	-6.55749	0.289918	0.436543	-2.29073	0.668225	0.722272	-1.38452	2.93585	26.4771	8.01648	1
cg26049092	0.435608	0.788662	-1.26797	0.00967059	0.376346	-2.65713	0.221963	1.46688	1.46688	0.040886	0.494392	-2.02269	2.93584	4.14248	1.25423	1
cg10072611	0.585917	0.89966	-1.11153	0.0600073	1.50358	1.50358	0.239851	0.789329	-1.2669	0.911567	0.978871	-1.02159	2.93583	1.71805	0.520179	1
cg21133261	0.979134	1.00543	1.00543	0.0166489	1.8311	1.8311	0.845445	1.04121	1.04121	0.3475	0.818617	-1.22157	2.93581	1.99047	0.602662	1
cg17560929	0.813218	0.947773	-1.05511	0.759556	0.932795	-1.07205	0.248435	1.31446	1.31446	0.135321	1.44024	1.44024	2.9358	2.388	0.723026	1
cg00542975	0.998282	0.998974	-1.00103	0.501565	0.722431	-1.38422	0.0688389	2.63966	2.63966	0.493153	0.717664	-1.39341	2.9358	10.565	3.19882	1
cg20287221	0.567875	0.895229	-1.11703	0.00466836	2.05672	2.05672	0.434318	0.858188	-1.16525	0.459999	0.865705	-1.15513	2.93574	1.70875	0.517379	1
cg26477856	0.212688	1.26977	1.26977	0.0961385	1.39444	1.39444	0.207306	0.785072	-1.27377	0.089839	0.711594	-1.4053	2.93571	1.5396	0.466167	1
cg13808508	0.116089	1.28636	1.28636	0.020606	0.662875	-1.50858	0.399787	1.13553	1.13553	0.593161	1.08276	1.08276	2.93569	1.01088	0.306082	1
cg01962510	0.0326523	0.559787	-1.78639	0.0327597	1.78554	1.78554	0.125479	1.46938	1.46938	0.893381	1.03161	1.03161	2.93569	2.50437	0.758289	1
cg19431963	0.273026	1.17691	1.17691	0.650598	0.936967	-1.06727	0.0270579	1.45313	1.45313	0.54605	1.09115	1.09115	2.93569	0.947942	0.287025	1
cg20360286	0.673114	1.28776	1.28776	0.061103	3.51799	3.51799	0.0821508	3.15148	3.15148	0.743536	1.21613	1.21613	2.93568	16.5167	5.00106	1
cg20821271	0.0922093	0.61442	-1.62755	0.213808	0.708933	-1.41057	0.631206	0.880643	-1.13553	0.0761538	0.595368	-1.67963	2.93563	3.21096	0.972258	1
cg10620305	0.408234	0.847417	-1.18006	0.00979994	0.52776	-1.8948	0.430918	0.85441	-1.1704	0.650607	0.914624	-1.09335	2.93562	1.78108	0.539302	1
cg25421903	0.410269	1.30951	1.30951	0.433506	1.29166	1.29166	0.822644	1.07454	1.07454	0.425932	1.29738	1.29738	2.9356	4.7677	1.44364	1
cg16465663	0.227154	0.471811	-2.11949	0.294291	0.524953	-1.90493	0.509633	1.4863	1.4863	0.107039	0.352635	-2.83579	2.93555	16.3188	4.94135	1
cg19674350	0.467904	0.840418	-1.18988	0.0111794	2.11367	2.11367	0.747391	1.07903	1.07903	0.516053	1.16766	1.16766	2.93554	2.57597	0.780009	1
cg26248284	0.952986	0.990925	-1.00916	0.0323116	0.678719	-1.47336	0.939968	1.01171	1.01171	0.0668822	1.37386	1.37386	2.93553	1.11149	0.336561	1
cg22510442	0.682068	1.24236	1.24236	0.833193	0.894832	-1.11753	0.00811274	0.167645	-5.96499	0.162429	2.19415	2.19415	2.93551	12.9064	3.90812	1
cg02035733	0.218519	0.484999	-2.06186	0.114451	0.382934	-2.61142	0.165873	0.437723	-2.28455	0.431523	0.638362	-1.56651	2.9355	14.5331	4.40071	1
cg10694914	0.996471	0.998986	-1.00102	0.00215114	2.68846	2.68846	0.269233	0.767919	-1.30222	0.256781	0.762121	-1.31213	2.93548	2.44889	0.741545	1
cg27370461	0.164983	0.802222	-1.24654	0.114473	0.774597	-1.29099	0.162936	1.24805	1.24805	0.146825	1.2607	1.2607	2.93548	1.02909	0.311617	1
cg07472764	0.0984894	0.503782	-1.98498	0.0145323	0.320101	-3.12402	0.432044	0.738296	-1.35447	0.0447024	0.418104	-2.39175	2.93547	6.65637	2.01561	1
cg00008452	0.0271728	0.420116	-2.38029	0.75914	1.10739	1.10739	0.619633	1.18053	1.18053	0.253268	0.673176	-1.48549	2.93546	5.11447	1.54872	1
cg26092776	0.645678	0.894762	-1.11762	0.0206929	1.95255	1.95255	0.173272	1.41629	1.41629	0.224285	1.35882	1.35882	2.93545	2.68214	0.812183	1
cg12191938	0.517905	3.20473	3.20473	0.0326846	93.9586	93.9586	0.026222	121.983	121.983	0.0622532	44.2985	44.2985	3.15221	153.622	37.9046	1
cg00630724	0.0350694	139.146	139.146	0.0117768	557.353	557.353	0.0597615	71.511	71.511	0.0634371	66.3699	66.3699	2.93539	187.827	56.8776	1
cg10324158	0.10453	0.416336	-2.40191	0.00934142	0.196303	-5.09416	0.104475	0.416268	-2.4023	0.0360692	0.299995	-3.33339	2.93539	11.3383	3.43345	1
cg03522824	0.440675	0.819586	-1.22013	0.0530359	0.57335	-1.74413	0.461893	1.20865	1.20865	0.804803	1.06466	1.06466	2.93538	2.97628	0.901274	1
cg26116560	0.744278	0.902618	-1.10789	0.0170501	0.402353	-2.48538	0.159069	1.60178	1.60178	0.455834	0.788405	-1.26838	2.93538	4.55517	1.37939	1
cg00096039	0.0285122	0.325696	-3.07034	0.11194	0.471757	-2.11974	0.506384	1.33994	1.33994	0.166585	0.527218	-1.89675	2.93532	8.75784	2.65209	1
cg12642297	0.572958	1.46538	1.46538	0.157901	2.75355	2.75355	0.0118838	0.121667	-8.21915	0.0577248	4.21874	4.21874	2.9353	20.9218	6.33569	1
cg01048372	0.317486	0.743912	-1.34425	0.0596415	1.83772	1.83772	0.427534	1.26102	1.26102	0.407231	1.27471	1.27471	2.9353	3.8104	1.15389	1
cg02152108	0.272757	0.510235	-1.95988	0.0252216	0.208292	-4.80095	0.126244	0.377123	-2.65165	0.0433518	0.25417	-3.93438	2.93529	16.1542	4.89195	1
cg19893820	0.0381006	0.202389	-4.94097	0.00550349	0.0884551	-11.3052	0.020226	0.155521	-6.43002	0.385006	0.553273	-1.80743	2.93528	20.532	6.21768	1
cg07629454	0.0212744	0.178951	-5.58811	0.107074	2.93383	2.93383	0.722801	0.806461	-1.23998	0.0143942	0.152156	-6.5722	3.18881	16.0091	4.39284	1
cg24030735	0.75225	1.04707	1.04707	0.0139604	1.55428	1.55428	0.958737	0.992513	-1.00754	0.0529793	1.37633	1.37633	2.93526	0.980778	0.29701	1
cg08967211	0.252191	0.785415	-1.27321	0.00197296	0.413567	-2.41799	0.398528	0.839836	-1.19071	0.387338	1.19594	1.19594	2.93525	1.89572	0.574084	1
cg02901431	0.477976	1.32484	1.32484	0.130397	0.5289	-1.89072	0.473068	0.752356	-1.32916	0.457658	1.343	1.343	2.93521	7.06773	2.14034	1
cg05433102	0.614714	0.811461	-1.23234	0.00301488	0.187519	-5.33278	0.120136	0.499574	-2.00171	0.129585	0.509628	-1.96221	2.93518	7.87662	2.38536	1
cg07590632	0.142185	0.776277	-1.2882	0.0849754	0.736604	-1.35758	0.583009	1.09307	1.09307	0.173195	1.26189	1.26189	2.93511	1.19746	0.362646	1
cg00420348	0.0925298	4.54424	4.54424	0.895432	0.898047	-1.11353	0.94584	0.94596	-1.05713	0.0295119	8.1329	8.1329	2.93502	31.0846	9.41416	1
cg11646734	0.601182	0.857804	-1.16577	0.0209591	0.445815	-2.24308	0.125635	1.61934	1.61934	0.537441	1.19914	1.19914	2.93501	3.93161	1.19072	1
cg24438579	0.290174	0.841014	-1.18904	0.0187513	1.56709	1.56709	0.510589	1.111	1.111	0.0625839	0.718546	-1.3917	2.935	1.15637	0.350217	1
cg03771739	0.270978	0.743606	-1.3448	0.0219352	2.03522	2.03522	0.0976563	1.59959	1.59959	0.182772	1.44116	1.44116	2.93497	3.1058	0.940629	1
cg21926138	0.0514591	1.54534	1.54534	0.749749	1.06484	1.06484	0.0873582	1.44846	1.44846	0.988446	0.997162	-1.00285	2.93495	1.79124	0.542502	1
cg20207911	0.0568912	0.29674	-3.36995	0.0150464	0.185493	-5.39105	0.641884	0.767931	-1.3022	0.0550286	0.293301	-3.40947	2.93494	14.775	4.47483	1
cg25964534	0.0540056	0.216987	-4.60858	0.0433328	0.197222	-5.07044	0.0302623	0.168722	-5.92693	0.0984695	0.281997	-3.54614	2.93494	22.6836	6.87007	1
ch.4.1889364R	0.775258	0.881756	-1.1341	0.147571	0.505054	-1.97998	0.679663	0.833153	-1.20026	0.320655	0.636925	-1.57004	2.93492	8.9834	2.72077	1
cg18626346	0.502022	0.876566	-1.14081	0.0057232	0.496331	-2.01478	0.539396	0.88679	-1.12766	0.200246	0.769803	-1.29903	2.93491	1.73789	0.52635	1
cg19084479	0.0263948	7.13603	7.13603	0.0211624	7.91522	7.91522	0.0225504	7.68227	7.68227	0.129568	3.39515	3.39515	2.93488	25.8957	7.84303	1
cg01819552	0.16478	0.444582	-2.24931	0.411997	0.632033	-1.5822	0.0713542	0.332349	-3.00888	0.105246	0.379778	-2.63312	2.93486	13.9066	4.21192	1
cg02835742	0.150092	0.61726	-1.62006	0.728905	1.11494	1.11494	0.473821	0.796281	-1.25584	0.40464	1.30558	1.30558	2.93484	4.54536	1.37667	1
cg03927113	0.0525081	0.405557	-2.46574	0.529962	1.29752	1.29752	0.520104	1.3059	1.3059	0.482648	1.33922	1.33922	2.93479	7.78879	2.35907	1
cg05365285	0.181062	1.29599	1.29599	0.370511	0.845433	-1.18283	0.0175302	1.69526	1.69526	0.747573	1.06073	1.06073	2.93478	1.54958	0.469338	1
cg19654061	0.898411	1.06997	1.06997	0.00330615	0.120195	-8.31983	0.213367	0.499663	-2.00135	0.118128	0.407222	-2.45566	2.93475	13.031	3.94687	1
cg21428681	0.312159	0.586221	-1.70584	0.0760098	0.364743	-2.74165	0.0275171	3.78688	3.78688	0.930738	0.956567	-1.0454	2.93475	12.1274	3.67318	1
cg06025835	0.378466	1.18674	1.18674	0.0623804	0.672035	-1.48802	0.0551579	1.50974	1.50974	0.156199	1.33298	1.33298	2.93474	1.66864	0.505408	1
cg11613427	0.621042	0.834483	-1.19835	0.653518	0.848692	-1.17828	0.0790052	2.03023	2.03023	0.165647	1.71063	1.71063	2.93474	6.12777	1.85601	1
cg19521693	0.171291	0.421408	-2.373	0.00612513	0.119771	-8.34925	0.410337	0.606835	-1.64789	0.162031	0.4124	-2.42483	2.93473	16.3597	4.95512	1
cg00201414	0.184872	2.45188	2.45188	0.866812	1.11299	1.11299	0.00534665	10.381	10.381	0.0231453	5.6505	5.6505	2.93472	18.9059	5.72634	1
cg21755044	0.0685611	1.76661	1.76661	0.163615	0.660378	-1.51428	0.310653	0.746174	-1.34017	0.899233	0.965258	-1.03599	2.93471	3.62095	1.09674	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(1057 vs. N)	Fold-Change(1-vs-1057)	p-value(1111 vs. N)	Fold-Change(1-vs-1111)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(1247 vs. N)	Fold-Change(1-vs-1247)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477)	p-value(1537 vs. N)	Fold-Change(1-vs-1537)	p-value(1537 vs. N)	Fold-Change(1-vs-1537)	p-value(5437 vs. N)	Fold-Change(1-vs-5437)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	F(Error)
cg03720898	ABAP1;ABAP1;ABAP1	0.0721571	0.246533	1.13753	1.13753	1.062787	1.32347	1.32347	0.206002	1.12213	1.12213	0.06468887	1.24663	1.24663	0.02091094	1.42335	1.42235	0.0736759	1.29318	1.23618	0.0641637	1.24755	1.24755	0.7728099	0.9697	-1.03125	0.1118606	1.202911	1.202911	0.5255444	0.1595181	1
cg24723421	FN1;FN1;FN1;FN1;FN1;FN1	0.0721586	0.0593302	0.735399	-1.35981	0.452494	0.895387	-1.11684	0.0143062	0.646561	-1.54664	0.0509163	0.725382	-1.37858	0.613217	1.07637	1.07637	0.5082998	1.10173	1.10173	0.0156065	0.7262581	-1.37692	0.863736	1.025511	1.025511	1.0644443	0.740879	-1.34975	2.934668	0.9687799	0.29344	1
cg09856436	FLI39609	0.0721591	0.3444671	0.634458	-1.57615	0.026145	3.43134	3.43134	0.441002	1.44358	1.44358	0.179128	1.94799	1.94799	0.167461	0.502828	-1.98875	0.184408	0.517978	-1.93058	0.750253	0.861388	-1.16092	0.026088	0.291245	-3.43353	0.1236585	0.621104	-1.61004	2.93667	10.1468	3.0734	1
cg10352025	LOC642006	0.0721611	0.053385	0.263252	-3.79865	0.0242769	0.194446	-5.14258	0.0818677	0.308573	-3.24075	0.387042	-2.58232	-1.77123	0.0334475	2.197716	-4.55133	0.5218801	0.673042	-1.48719	0.600704	0.724658	-1.37996	0.0143301	0.158597	-6.30529	0.0454911	0.246889	-4.01604	2.93664	17.2854	5.23567	1
cg02430089	SCYL2;DFDC4;SCYL2	0.0721639	0.294311	0.795417	-1.2572	0.528579	1.14379	1.14379	0.0318634	1.6977	1.6977	0.0428753	0.612372	-1.63299	0.0317093	0.588657	-1.69878	0.542862	1.13839	1.13839	0.107357	0.6908856	-1.44748	0.600112	0.894659	-1.11774	0.611261	0.89775	-1.1139	2.9346	2.05809	0.623394	1
cg24037820	CCDC137 ;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.0721647	0.1781366	0.472153	-2.11796	0.152651	0.449428	-2.22505	0.0812758	0.364583	-2.74286	0.676398	0.803199	-1.24582	0.216915	2.218467	-4.57756	0.0221853	0.238937	-4.18521	0.0103601	0.185279	-5.39726	0.285436	0.560123	-1.78469	0.221444	0.511193	-1.95621	2.94458	12.669	3.83745	1
cg03169730	C12A6;SLC12A6;SLC12A6	0.0721651	0.0644575	0.750494	-1.33246	0.0798995	1.30802	1.30802	0.198234	0.828708	-1.2067	0.919051	1.01415	1.01415	0.326986	1.15007	1.15007	0.675869	0.943554	-1.05982	0.0224557	0.685357	-1.45909	0.602402	0.107533	1.07533	0.08976777	1.29489	1.29489	2.93458	0.887363	0.268784	1
cg01464985	ZNF512	0.0721677	0.265394	0.664555	-1.50522	0.0501961	0.455371	-2.19601	0.0493033	0.2145	-2.20468	0.294541	0.68178	-1.46675	0.0114108	0.327716	-3.05143	0.42373	1.33359	1.33359	0.0260716	0.394406	-2.53546	0.968434	0.101395	1.075014	0.8955577	-1.1166	2.93453	5.76972	1.74768	1
cg21948194	RHOBTB3	0.0721682	0.602379	0.903597	-1.10669	0.0316134	0.615068	-1.62584	0.252213	0.794	-1.25945	0.257904	1.25569	1.25569	0.426681	0.855107	-1.16944	0.659386	0.918013	-1.08931	0.0149422	1.78098	1.78098	0.167701	1.3279	1.3279	0.33798	1.20985	1.20985	2.93453	1.72866	0.523624	1
cg00266592	BPHL;BPHL;BPHL;BPHL	0.0721701	0.251011	1.159703	1.159703	0.0845121	0.695301	1.01529	0.102152	0.551101	1.81455	0.194371	0.529224	1.40857	0.0755202	0.484077	-1.2467	0.0520519	0.385255	1.59568	0.109128	0.4704669	-2.12554	0.401571	0.142994	1.41914	0.1548844	0.752001	-1.32979	2.93449	8.65699	2.62229	1
cg02853012	TMEM236;TMEM236	0.0721712	0.51191	1.49852	1.49852	0.996508	0.997343	-1.00266	0.572749	1.44316	1.44316	0.498417	0.658435	-1.51875	0.4309999	0.613409	-1.63023	0.420145	0.606035	-1.65007	0.5097	0.6599566	-1.51523	0.00235064	13.21	13.21	0.1693118	2.43586	2.43586	2.93447	17.183	5.20496	1
cg19984005	ALDH18I1	0.0721721	0.173494	0.669672	-1.49327	0.866326	0.954425	-1.04775	0.5019762	0.6	-1.66667	0.313798	0.72434	0.906514	-1.103	0.0918387	0.331721	-3.014058	0.0186809	0.454187	-1.18774	0.5441516	0.84272	-1.18663	0.924914	0.974238	-1.02644	0.10252	0.609769	-1.63997	2.93446	3.55283	1.07923	1
cg10881937	MGAT5	0.0721723	0.5693864	0.827526	-1.20842	0.00810748	0.327579	-3.0527	0.0710656	0.514873	-1.94223	0.307428	0.706226	-1.41598	0.0365562	0.449393	-2.22522	0.752779	0.901203	-1.10963	0.231792	0.661747	-1.51115	0.792928	1.09047	1.09047	0.0196477	0.305379	-2.52922	2.93446	5.03697	1.55297	1
cg17977173	HS6ST1	0.0721723	0.0397995	2.36833	2.36833	0.1884411	2.8069	2.8069	0.158235	1.72842	1.72842	0.544189	1.24942	1.24942	0.264481	0.655799	-1.52486	0.347903	1.4199	1.4199	0.68342	0.8639329	-1.1575	0.512789	1.27225	1.27225	0.0144826	2.9828	2.9828	2.93446	6.11572	1.85254	1
cg05996573	RAK1;IRAK1	0.0721724	0.0179373	0.229712	-4.3723	0.0145807	0.327307	-3.05524	0.1614651	0.480875	-2.07009	0.0587729	0.356375	-2.80683	0.0314438	0.284656	-3.51299	0.0059976	0.183582	-5.4481	0.0139511	0.105571	0.403785	-2.47657	0.409727	0.6489312	-1.54099	0.0395582	0.29403	1.39084	2.93446	12.2268	3.70366	1
cg08099701	GABRA5;GABRA5 ;GPN1;GPN1;GPN1;GPN1;CCDC121;GPN	0.0721725	0.176923	1.34582	1.34582	0.2008839	0.559688	-1.78671	0.161178	0.733696	-1.36296	0.459198	0.8556	-1.16877	0.489328	0.864734	-1.15643	0.239093	0.774823	-1.29062	0.0335766	1.67148	1.67148	0.366102	1.21185	1.21185	0.305133	0.8027228	-1.24575	2.93445	1.99005	0.602816	1
cg04551655	1	0.0721729	0.0285987	0.621141	-1.60994	0.180969	0.769598	-1.29938	0.97426	1.00597	1.00597	0.116668	0.762027	-1.31229	0.0434542	0.651702	-1.53444	0.0128196	0.565564	-1.76815	0.389009	1.17677	1.17677	0.906024	1.02201	1.02201	0.0978852	0.715478	-1.39767	2.93445	1.57999	0.478603	1
cg23933399	ATAD3A;ATAD3A;ATAD3A	0.0721735	0.0907916	0.474289	-2.10842	0.435495	0.727215	-1.37511	0.96429	0.982236	-1.01809	0.82532	1.09253	1.09253	0.0573434	0.422843	-2.36494	0.00468798	0.222055	-4.5034	0.333181	0.6705555	-1.4913	0.849547	1.079	1.079	0.0365381	0.378006	-2.64546	2.93444	7.44934	2.25653	1
cg00535910	BTN2A1;BTN2A1	0.0721742	0.1509502	1.07644	1.07644	0.0765885	1.19051	1.19051	0.0134629	1.13857	1.13857	0.0256937	0.915345	1.18189	0.732637	1.040795	-1.04275	0.154952	0.830432	-1.20419	0.0228303	0.729061	-1.37172	0.148836	1.20804	1.20804	0.521557	0.923759	-1.08253	2.93443	0.690538	0.209782	1
cg01520867	MIR203	0.0721744	0.0109604	0.10166	-9.83673	0.303006	0.255314	2.05314	0.591202	0.678232	-1.47442	0.661477	0.729403	-1.37098	0.78382	1.21766	1.21766	0.145651	1.72124	1.72124	0.61616	1.443612	0.01211092	9.38851	9.38851	0.698958	1.32086	1.32086	2.93442	23.8327	7.21934	1
cg11336882	PTPRU;PTPRU;PTPRU	0.0721748	0.0817554	0.477477	-2.09477	0.0138802	0.905851	-1.14361	0.0313652	0.316515	-1.63918	0.0609652	0.512439	-1.95148	0.0268483	0.370548	-2.69948	0.0040165	0.13941	-7.17426	0.0048811	0.138497	1.38937	1.38937	0.0242409	0.1546	-6.47225	0.0045005	0.116435	1.34435	2.93441	1.66705	0.49311	1
cg05347794	FOXN3;FOXN3	0.0721749	0.43689	0.750398	-1.33263	0.0149298	0.338335	-2.95565	0.0676111	0.09869	0.09869	0.0511139	0.23507	0.23507	0.689118	1.15673	1.15673	0.265117	1.5227	1.5227	0.447928	0.755767	-1.32316	0.245835	1.55186	1.55186	0.436746	1.33275	1.33275	2.93441	6.09219	1.84544	1
cg16574924	HSPA4L	0.0721775	0.074131	1.79919	1.79919	0.413666	0.781425	-1.27971	0.0106661	0.187747	-2.57899	0.515676	0.823188	-1.21479	0.448779	0.796274	-1.25585	0.722491	0.900111	-1.11097	0.0404218	0.210194	0.675088	1.48528	0.865185	0.760168	-1.3155	0.879538	1.04578	2.93441	4.04794	1.2262	1
cg26887234	ADCY2	0.0721759	0.8671552	1.07598	1.07598	0.6911	0.859376	-1.16329	0.0143332	0.70852	1.41096	0.20639	0.715266	1.39797	0.0316522	0.71205	-1.40393	0.1440881	2.3963	2.3963	0.0302322	2.35524	2.35524	0.0227439	2.03422	2.03422	0.0194238	0.802504	1.24461	2.9344	14.4126	4.36588	1
cg23444305	CLPX	0.0721759	0.507824	0.775352	-1.28974	0.506683	1.29065	1.29065	0.393881	1.392	1.392	0.0491503	0.427209	-2.34077	0.00772503	0.273634	-3.65451	?	?	?	0.63341	1.19958	1.19958	0.442615	1.34511	1.34511	0.293186	1.51129	1.51129	2.97231	6.0015	2.01913	1
cg01309726	LOC102270710	0.0721764	0.428792	0.510184	-1.96008	0.0881078	0.6703208	1.04144	0.85375	0.0144642	0.08121353	-12.313	0.822781	1.20548	0.0191761	1.07396	1.07396	?	?	?	0.63341	1.284848	-3.51064	0.0842855	0.0893	-11.1976	0.591257	1.509	2.97231	20.0446	9.77175	1
cg02126424	CTRL	0.0721791	0.48321	1.14868	1.14868	0.878089	0.975335	-1.02529	0.011974	0.543438	-1.84014	0.096641	1.42586	1.42586	0.0253267	0.792489	-1.26185	0.4617114	0.864373	-1.15691	0.0646404	0.49739	-2.01137	0.2108247	0.240287	0.787292	-1.27018	2.93433	1.75845	0.532683	1
cg09796800	SLC25A31	0.0721799	0.813562	1.07099	1.07099	0.0935799	1.70813	1.70813	0.0744078	1.78047	1.78047	0.703017	0.893793	-1.11883	0.681994	1.12706	1.12706	0.483199	0.794873	-1.25806	0.0526377	1.89576	1.89576	0.00501685	2.93811	2.93811	0.953117	0.983075	-1.01722	2.93433	3.91708	1.18659	1
cg21636425	STARD7	0.0721802	0.1226401	1.12689	1.12689	0.0418079	0.5144528	1.04144	0.0418079	0.144922	1.44922	0.0460161	1.72118	1.72118	0.0255407	0.7215	1.7215	0.2315159	1.3996	1.3996	0.0268703	1.53166	1.53166	0.0842723	1.32368	1.32368	0.0425538	0.7383209	1.32368	2.93433	2.93433	0.738309	0.2009	1
cg05888885	LOC646099 ;AARSD1;AARSD1;AARSD1;RUNDC1;AA	0.0721824	0.112186	0.408332	-2.44899	0.226019	0.193165	1.93165	0.426534	0.52265	1.52265	0.73126	0.836491	-1.19547	0.00948599	0.182309	5.48518	0.994157	1.0038	1.0038	0.056929	0.512515	0.150218	2.22265	2.22265	0.883507	0.926883	-1.07888	2.93429	12.4632	3.77548	1
cg17252669	RSD1	0.0721829	0.108153	0.539453	-1.85373	0.8497034	0.935395	-1.06907	0.853151	1.06742	1.06742	0.842855	1.07239	1.07239	0.362654	0.719314	-1.39021	0.0720643	0.493132	-2.02786	0.00284958	0.2335507	-4.24616	0.261454	0.662082	-1.51039	0.0871089	0.514157	-1.94493	2.93428	5.76224	1.74557	1
cg08962798	CBY3	0.0721839	0.339711	1.45075	1.45075	0.340721	1.44555	1.44955	0.812879	0.914236	-1.09381	0.153995	1.78084	1.78084	0.0959953	0.500944	-1.99623	0.228077	1.61347	1.61347	0.00915249	2.59883	2.59883	0.553997	1.25402	1.25402	0.92427	0.64467	2.0129	1
cg24746697	ARHYP;ZFAC1	0.0721848	0.0861554	0.477477	-2.09477	0.0138802	0.905851	-1.14361	0.0313652	0.316515	-1.63918	0.0609652	0.512439	-1.95148	0.0268483	0.370548	-2.69948	0.0040165	0.13941	-7.17426	0.0048811	0.138497	1.38937	1.38937	0.0242409	0.1546	-6.47225	0.0045005	0.116435	1.34435	2.93428	1.66705	0.49311	1
cg01269913	PIKRIP1	0.0721881	0.351109	0.568637	-1.75859	0.253827	0.496103	-2.01571	0.130175	0.382292	-2.6158	0.283175	1.92694	1.92694	0.00726319	0.130413	-7.66793	0.797146	0.859401	-1.1636	0.0888205	0.33151	-3.0165	0.682889	0.785358	-1.27331	0.0217804	0.19795	-5.05177	2.9342	16.0801	4.87133	1
cg06762602	STK32C;STK32C	0.0721882	0.0132306	0.287914	-3.47304	0.0230775	0.10216	-9.78845	0.0120016	0.176463	-5.66731	0.0366744	0.18447	-5.42173	0.0184877	0.158792	-6.30111	0.0140504	0.431113	-2.31886	0.454077	0.2330614	-4.29111	0.0896354	0.814158	-1.22826	0.4550727	0.2330614	-4.29111	0.0896354	0.814158	-1.22826	0.4550727	1
cg03846408	HCCA2;LOC402778	0.0721892	0.31085	1.37003	1.37003	0.080619	0.558896	-1.78924	0.0112394	0.59512	2.59512	0.0855155	0.176951	1.76951	0.663304	0.876757	-1.14057	0.153044	0.631635	-1.58319	0.924413	0.0971909	-1.0289	0.88797	0.958561	-1.04323	0.200495	1.5008	1.5008	2.93418	1.18941	1.26915	1
cg05463813	SRPK3;SRPK3;SRPK3	0.0721899	0.0904361	2.15823	2.15823	0.505157	0.756671	-1.32158	0.27004	1.60573	1.60573	0.2361144	1.66844	1.66844	0.32092	0.655163	-1.52634	0.018209	3.26119	3.26119	0.24128	1.65831	1.65831	0.0163294	3.35566	3.35566	0.0943194	2.13483	2.13483	2.93417	7.90134	2.39367	1
cg07462861	WNT10B	0.0721907	0.1836063	0.570576	-1.75263	0.0505536	0.548511	-1.82351	0.2115781	0.43645	-2.29113	0.2384	0.732431	1.36592	0.0188902	0.446362	-2.24016	0.127034	0.341291	-2.92905	0.0117591	0.352288	-2.83383	0.18032	0.395834	-2.52633	0.0379421	0.4002	2.4002	2.93417	3.5397	1.07232	1
cg21292566	CD14;CD14	0.0721917	0.0406978	0.285679	-3.50044	0.0594369	0.08998	-11.1118	0.0798854	0.0758659	2.85069	0.0933736	0.104508	0.104508	0.0507062	0.30631	-3.26467	0.479625	1.46381	1.46381	0.985791	0.0090402	-110.4043	0.264053	1.85389	1.85389	0.248027	0.527119	-1.89711	2.93411	13.0649	3.958	1
cg04662961	FBXO5	0.0721958	0.0675088	0.425555	-2.34932	0.0313602	0.24932	-4.0112	0.0178502	0.178202	3.78502	0.0226195	0.125	8.00032	0.0048892	0.125	8.00032	0.1440881	2.3963	2.3963	0.0302322	2.35524	2.35524	0.0227439	2.03422	2.03422	0.0194238	0.802504	1.24461	2.9344	14.4126	4.36588	1
cg13175786	PRDM16;PRDM16	0.0721965	0.38634	1.30523	1.30523	0.167048	1.5556	1.5556	0.203721	1.49541	1.49541	0.4007799	1.29431	1.29431	0.0152826	0.409269	-2.44338	0.0379908	2.06389	2.06389	0.0761084	1.80766	1.80766	0.750872	0.908877	-1.10026	0.674654	1.13501	1.13501	2.93406	4.18126	1.26673	1
cg07902731	FBN2;I31	0.0721967	0.0710228	0.65	-1.53846	0.1974134	0.541849	-1.84547	0.5252	0.806823	-1.23958	-12.313	0.822781	1.20548	0.0191761	1.07396	1.07396	0.237247	0.6618	-1.51103	0.2623564	0.1998566	-4.70766	0.0417285	0.0441	-22.6824	0.0103944	0.240569	-2.9154	2.93406	5.1645	1.56464	1
cg06958503	LOC645323	0.0721982	0.0429457	0.20709	-4.83098	0.145944	-2.80064	0.0608809	0.272889	0.6645	?	?	?	?	?	?	?	0.4618118	0.635637	-1.57323	0.154033	0.2384027	0.27194	-3.67703	0.284573	0.534083	1.87243	0.2728	0.96468	1.36458	1.18735	15.9856	4.3884	1
cg21080710	MGC14436;MGC14436;C12orf34	0.0722012	0.937211	0.98586	-1.01434	0.108664	1.3716	1.3716	0.00446089	0.503795	-1.98493	0.46512	1.14382	1.14382	0.910931	1.02043	1.02043	0.132641	0.745797	-1.34085	0.297896	1.21538	1.21538	0.377807	0.849105	-1.17771	0.8318119	1.03919	1.03919	2.93398	1.51828	0.459982	1
cg07810176	GAPDHS;TMEM147	0.0722013	0.15054	1.37196	1.37196	-2.65394	0.2247215	0.441187	0.2116116	0.2389357	0.458554	-2.18077	0.6172777	1.37551	1.37551	0.0906401	1.72118	0.4045645	-2.58249	1.7116	0.0104738	0.09390269	-10.6496	0.0512545	0.245449	-4.07416	0.0098496	0.314278	-3.18189	2.97188	16.7547	5.63776	1
cg24711224	NSD1;NSD1	0.0722024	0.622066	0.904256	-1.10588	0.0339303	0.167439	1.67439	0.449455	1.16896	1.16896	0.876759	0.969053	-1.03193	0.034627	0.607148	-1.64705	0.610413	1.10969	1.10969	0.0406099	0.6194662	-1.6143	0.413588	1.18449	1.18449	0.149034	1.36814	1.36814	2.93396	1.90661	0.577637	1
cg16412789	KCNQ1;KCNQ1	0.0722056	0.280871	0.778104	-1.28518	0.296187	0.784608	-1.27439	0.635949	0.894129	-1.11841	0.974741	0.992938	-1.00711	0.0068391	0.633315	-1.57899	0.174212	0.72357	-1.38204	0.0347204	0.536353	-1.73505	0.317081	0.745475	-1.34143	0.0403733	0.402162	-2.48992	2.93391	2.10926	0.705396	1
cg04413479	ABCF2;ABCF2	0.0722076	0.385692	0.802135	-1.24667	0.244856	1.35202	1.35202	0.18077	0.703056	-1.42236	0.6648349	1.62711	1.62711	0.0124555	0.564336	-1.77129	0.0744925	0.015011	-1.63663	0.5796204	0.870143	-1.14924	0.368485	0.795324	-1.25735	0.5655562	1.15489	1.15489	2.93397	2.8561	0.865317	1
cg19639065	C2orf43	0.0722079	0.0262124	0.389648	-2.56642	0.0851192	1.97347	1.97347	0.973351	1.012	1.012	0.472341	0.770252	-1.29828	0.742783	0.889055	-1.12479	0.556554	0.808678	-1.23659	0.030463	0.243488	2.41888	0.501303	1.27599	1.27599	0.0570341	2.15748	2.15748	2.93387	5.92526	1.7952	1
cg06237717	NR2C1;NR2C1;NR2C1	0.072208	0.4890002	1.08128	1.08128	0.140029	1.19307	1.19307	0.762992	1.0342	1.0342	0.597595	0.942493	-1.06102	0.257509	1.1404	1.1404	0.302805	1.12601	1.12601	0.00763836	0.68297	-1.46419	0.0649833	1.2591	1.2591	0.278809	1.13334	1.13334	2.93387	0.574406	0.174031	1
cg08378402	ETL;ETS1;ETS1	0.0722083	0.0163608	0.437276	-2.28698	0.0388898	0.579529	-1.72554	0.203819	0.685263	-1.45929	0.163022	0.65725	-1.52149	0.257084	0.716497	-1.39568	0.0544144	0.21953	-4.55571	0.0125301	0.4167	-2.39981	0.124064	0.763453	-1.30995	0.0667405	0.560246	-1.78493	2.93387	3.66143	1.11841	1
cg03637976	TAPBP;TAPBP;RGL2;RGL2	0.0722099	0.0295163	0.34194	-2.92449	0.179122	0.550158	-1.81766	0.175625	0.547161	-1.82759	0.602937	0.802728	-1.24575	0.0315066	0.347821	-2.87505	0.0411727	0.372937	-2.68141	0.019531	0.306744	-3.26004	0.0805099	0.444115	-2.25167	0.0391698	0.36813	-2.71643	2.93384	8.14612	2.46809	1
cg03142365	PLEKHA1	0.0722107	0.515165	1.0689	1.0689	0.118216	1.18681	1.18681	0.444762	0.924355	-1.08183	0.445275	1.08174	1.08174	0.627705	1.05058	1.05058	0.836059	1.02114	1.02114	0.00469091	0.684222	-1.46151	0.109389	0.838407	-1.19274	0.48094	1.07502	1.07502	2.93383	0.473711	0.143525	1
cg16401578	WDR19	0.0722111	0.4938824	1.13741	1.13741	0.1464822	1.14682	1.14682	0.546113	0.892458	-1.1112	0.0834254	1.39204	1.39204	0.0135377	1.19413	1.19413	0.5015903	1.13308	1.13308	0.1577	1.12482	1.12482	0.1917573	1.01803	1.01803	0.1838	1.13841	1.13841	2.93383	1.41945	0.419451	1
cg10703610	DSCAML1	0.0722135	0.522506	0.920193	-1.08673	0.728455	0.95626	-1.04574	0.0705835	1.29603	1.29603	0.512145	1.08906	1.08906	0.0406087	1.35421	1.35421	0.622848	1.06568	1.06568	0.0113786	0.665946	-1.50162	0.258253	0.859523	-1.16344	0.972147	0.99553	-1.00449	2.93378	0.765135	0.231824	1
cg11653220	URM1;I0	0.0722138	0.2632807	1.47433	1.47433	0.376019	1.47899	1.47899	0.165572	1.20942	1.20942	0.0695172	0.655722	-1.52539	0.0476188	0.712179	-1.40413	0.176247	1.37329	1.37329	0.0425356	1.6072	1.6072	0.0328498	1.31062	1.31062	0.0288679	0.58302	1.58302	2.93375	8.94944	2.70552	1
cg23931125	AHDC1	0.0722151	0.420458	1.28051	1.28051	0.0169545	2.39842	2.39842	0.00532868	3.0128	3.0128	0.374925	1.31466	1.31466	0.694946	0.888346	-1.12569	0.0429153	2.01361	2.01361	0.463328	1.25138	1.25138	0.820866	1.07051	1.07051	0.712318	1.11769	1.11769	2.93375	4.19111	1.27046	1
cg12851635	KCNQ1;KCNQ1	0.0722173	0.0677733	0.768243	-1.30167	0.319671	1.14169	1.14169	0.0503484	1.33303	1.33303	0.179294	0.832087	-1.2018	0.0224572	1.42219	1.42219	0.177061	1.20308	1.20308	0.167509	1.20875	1.20875	0.94623	1.00873	1.00873	0.950034	0.991957	-1.00811	2.93372	0.771523	0.233764	1
cg06638012	AFF4	0.0722182	0.757003	0.972624	-1.02796	0.0745275	2.45871	2.45871	0.201942	1.48172	1.48172	0.556494	0.838569	-1.19322	0.2556022	0.691239	-1.44655	0.283127	1.07838	1.07838	0.3502	0.606873	-1.64818	0.0564371	1.88935	1.88935	0.194862	0.771956	1.29541	2.9337	4.09803	1.24194	1
cg22407090	XPO1	0.0722191	0.135476	0.7457	-1.34102	0.088052	1.83613	1.83613	0.189213	1.28871	1.28871	0.857884	0.96784	-1.03323	0.472788	0.875315	-1.14245	0.492276	0.880569	-1.13563	0.0812628	0.702957	-1.42256	0.562103	1.11282	1.11282	0.217314	1.26707	1.26707	2.93369	1.54525	0.4682	1
cg15493970	PPP4A4	0.0722197	0.0217376	0.240434	-4.49157	0.0164766	0.100778	-9.92255	0.0108703	0.145516	-1.60897	0.0519455	0.100773	0.100773	0.0207077	0.804024	-1.2572	0.0766296	0.175425	1.38.E+03	0.0122883	1.20964	1.20964	0.0178367	0.827357	0.827357	0.0198823	0.827357	1.20964	2.9337	7.09392	2.06448	1
cg25382025	PTPRS;PTPRS;PTPRS;PTPRS	0.0722215	0.472228	0.935498	-1.06895	0.30305	0.907301	-1.10217	0.0145538	0.760002	-1.31579	0.954571	1.00521	1.00521	0.0108606	0.747027

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08259526	MAGI1	0.0723111	0.337388	0.708871	-1.25377	0.292105	1.16168	1.28168	0.01606821	1.95227	1.95227	0.604677	1.12589	1.12589	0.3137591	1.790923	1.26435	0.549672	0.871561	-1.14737	0.037965	0.570992	-1.72684	0.0054735	0.623367	-1.59906	0.909159	1.02628	-1.02628	2.93218	2.39391	0.725713	1
cg16087165	C14orf86	0.0723113	0.037729	0.678244	-1.4744	0.956682	1.00879	1.00879	0.827122	1.03586	1.03586	0.551351	1.10197	1.10197	0.342774	0.854311	-1.17053	0.453268	0.884191	-1.13098	0.0139779	0.613235	-1.6307	0.135596	1.29579	1.29579	0.0417125	0.685095	-1.45965	2.93218	1.20525	0.36537	1
cg02484744	NCL	0.0723132	0.385754	1.17395	1.17395	0.624012	0.91475	-1.0932	0.0159951	0.587475	-1.7022	0.681940	0.928377	-1.07715	0.0256142	0.619863	-1.61326	0.154503	1.31637	1.31637	0.5100944	1.12779	1.12779	0.681433	0.928257	-1.07729	0.127978	1.34554	1.34554	2.93214	5.51066	0.457961	1
cg22072104	PNPLA1;PNPLA1	0.0723147	0.189225	2.646481	-1.54684	0.140141	0.613302	-1.63101	0.0148957	0.390914	-2.55831	0.0152071	0.295124	-2.54751	0.013702	0.802012	-1.1625	0.293586	0.710555	-1.40735	0.164156	1.59297	1.59297	0.757665	1.102034	1.10194	0.174055	0.63537	-1.57389	2.93212	4.5683	1.38401	1
cg22292345	LOC100129354	0.0723161	0.18736	1.3917	1.3917	0.343029	0.792883	-1.26122	0.0701555	0.619487	-1.61424	0.361265	0.800926	-1.24855	0.0373065	0.443243	-2.2561	0.141967	1.45275	1.45275	0.995092	1.00146	1.00146	0.172717	0.709464	-1.40951	0.710606	0.915617	-1.09216	2.9321	2.59817	0.787657	1
cg06358556	SOX21;SOX21	0.0723168	0.0404698	0.717023	-1.3946	0.032533	1.42154	1.42154	0.251197	1.18356	1.18356	0.581892	1.08131	1.08131	0.128444	0.793767	-1.25982	0.553428	1.08793	1.08793	0.34079	0.8414452	1.18842	0.3431	1.14717	1.14717	0.0888444	1.3019	1.3019	2.93209	0.917627	0.278187	1
cg05255351	LPCAT1;NFATC1;NFATC1;NFATC1;NFAT C1	0.0723223	0.0440078	0.171591	-5.82781	0.140556	0.298972	-3.3448	0.168804	0.327365	-3.0547	0.113223	0.269061	-3.71662	0.00950931	0.0819228	-12.2066	0.824833	0.844651	-1.18392	0.0508005	0.183643	-5.44534	0.291293	0.434303	-2.30254	0.0201204	0.118215	-8.45917	2.932	26.9361	8.16618	1
cg15363134	C1	0.0723225	0.584737	0.838389	-1.19276	0.0139296	0.63872	-2.16837	0.0167092	2.54251	2.54251	0.332974	0.726874	-1.37575	0.3843	0.75206	-1.32968	0.206127	0.653125	-1.5311	0.432982	0.774459	-1.29122	0.842769	1.06549	1.06549	0.635135	1.16496	1.16496	2.93199	4.737795	1.4364	1
cg10443971	NR1H3;NR1H3;NR1H3	0.0723225	0.0714158	0.279487	-3.57798	0.27339	0.485919	-2.05795	0.0591743	0.259525	-3.8532	0.242387	0.460857	-2.16987	0.00520791	0.0975889	-10.2471	0.0180823	0.162363	-6.15905	0.30131	0.507592	-1.97009	0.419199	0.592971	-1.68642	0.137474	0.363198	-2.75332	2.93199	18.616	5.6438	1
cg26394545	NTN4	0.0723245	0.252778	1.347509	1.347509	0.672332	0.155197	-4.43721	0.0126929	2.32628	2.32628	0.276111	2.68088	2.68088	0.0935866	3.154599	3.154599	0.854907	1.16715	1.16715	0.342666	0.971193	-2.60403	0.0149373	0.12551	1.12551	0.83318	0.8368	-1.19503	2.93196	33.1661	10.0469	1
cg23972409	KPNA4	0.0723277	0.327307	1.64278	1.64278	0.800697	1.13221	1.13221	0.273161	1.75037	1.75037	0.0605413	0.353869	-2.8259	0.688227	0.820364	-1.21897	0.00894965	0.195512	-5.11477	0.0420831	0.156287	-3.15727	0.963657	0.977881	-1.02262	0.241461	0.547777	-1.82556	2.93191	11.1894	3.39238	1
cg12478290	CAU42	0.0723302	0.724021	0.859378	-1.04234	0.688736	0.953685	-1.04857	0.215161	1.66451	1.66451	0.043702	0.762449	-1.31156	0.290626	1.15847	1.15847	0.316698	0.885963	-1.12872	0.01342	0.698983	1.43064	0.303558	0.882807	-1.13275	0.129248	1.21136	1.21136	2.93187	0.635343	0.192625	1
cg00558000	TPCP2L1	0.0723312	0.0304636	0.45069	-2.21882	0.133558	0.66046	-1.66046	0.0413993	0.966519	-1.03464	0.0644017	0.542962	-1.91768	0.0129723	0.380503	-2.6281	0.299162	0.713762	-1.40103	0.2007316	0.659215	-1.51696	0.325514	0.727503	-1.37457	0.154348	0.620151	-1.61251	2.93184	4.5599	1.38249	1
cg17566175	DST;DST;DST;DST;DST	0.0723316	0.0277716	0.383526	-2.60738	0.023827	0.370194	-2.70128	0.402628	0.729176	-1.37141	0.312860	0.680706	-1.46906	0.0910076	0.414892	-2.41027	0.468876	0.762210	-1.31146	0.324191	1.4552	1.4552	0.133607	1.81509	1.81509	0.768066	0.896765	-1.11512	2.93181	6.303158	1.91117	1
cg22094042	PTDSS2	0.0723336	0.453078	1.10837	1.10837	0.49487	1.02251	1.00251	0.0042988	1.65606	1.65606	0.572542	1.07833	1.07833	0.0228321	1.43336	1.43336	0.183779	0.826066	-1.20618	0.833672	1.0282	1.0282	0.931554	1.01143	1.01143	0.860451	1.02354	1.02354	2.93177	0.917627	0.278187	1
cg08471734	CELA2B	0.0723337	0.926991	0.979438	-1.02099	0.687334	1.09605	1.09605	0.0130258	2.01047	2.01047	0.250763	1.31264	1.31264	0.567268	0.877146	-1.14006	0.0208499	0.532361	-1.87843	0.0940343	1.51794	1.51794	0.577508	1.13605	1.13605	0.500256	1.16778	1.16778	2.93176	2.38603	0.723428	1
cg21855622	ETFDH;ETFDH;C4orf46	0.0723391	0.157009	0.563948	-1.77521	0.246582	1.58188	1.58188	0.814902	0.915064	-1.09282	0.59436	0.81592	-1.22561	0.771952	1.11627	1.11627	0.749278	1.13395	1.13395	0.0937587	0.227922	-4.3894	0.0372126	1.86234	1.86234	0.598666	1.22183	1.22183	2.93172	6.65178	2.0168	1
cg23211158	TRIM27	0.0723441	0.5843011	1.19239	1.80291	0.0575011	1.29803	1.29803	0.0915368	0.598713	-1.00129	0.876239	0.552284	1.09259	-1.07578	0.0099514	1.49479	0.552084	0.929559	-1.07578	0.0099514	1.49479	0.617947	0.940771	-1.06296	0.576681	0.933813	-1.07088	2.93169	0.684566	0.207561	1
cg08845730	ROBO2;ROBO2	0.0723426	0.400411	1.23164	1.23164	0.0177922	0.497858	-2.00861	0.384787	0.805991	-1.24071	0.471496	0.837541	-1.19397	0.490387	1.1848	1.1848	0.901299	1.03049	1.03049	0.0174511	2.01459	2.01459	0.992087	0.997603	-1.0024	0.101257	0.647691	-1.54395	2.93166	2.72021	0.824777	1
cg17105041	DUSAP2	0.0723436	0.0315848	0.577259	-1.73247	0.226582	1.54718	1.54718	0.994024	0.998393	-1.00163	0.60266	1.12128	1.12128	0.115586	0.680808	1.45136	0.172086	1.37274	1.37274	0.0218064	0.59952	-1.66848	0.305091	0.797215	1.3383	0.999641	0.999902	-1.0001	2.93165	2.20569	0.668774	1
cg03535361	CNIH4	0.0723457	0.00850423	0.57835	-1.72906	0.118895	0.758837	-1.31781	0.262331	1.20992	1.20992	0.376929	0.86258	-1.15931	0.297243	1.19267	1.19267	0.110043	0.752775	-1.32842	0.0534425	0.699302	-1.43	0.74354	1.05499	1.05499	0.640007	0.926075	-1.07983	2.93161	1.23426	0.374239	1
cg10986655	ZNF978	0.0723460	0.0146834	0.165194	-6.0525	0.0344248	0.596294	-1.67705	0.0960273	0.188035	-5.31826	0.0231145	0.343465	-2.91151	0.0540261	0.202552	-4.93973	0.0629138	0.551733	-1.81247	0.141755	1.56679	1.56679	0.744757	0.911331	-1.0973	0.813399	1.06952	1.06952	2.93158	3.750779	1.13728	1
cg03437916	CHP	0.0723478	0.22865	0.698303	-1.43204	0.999118	0.999686	-1.00031	0.00682561	0.369338	-2.70755	0.69437	0.893828	-1.11878	0.160364	1.53153	1.53153	0.0629138	0.551733	-1.81247	0.141755	1.56679	1.56679	0.744757	0.911331	-1.0973	0.813399	1.06952	1.06952	2.93158	3.750779	1.13728	1
cg16776524	TMC5;TMC5	0.0723484	0.0297722	2.188556	2.188556	0.277018	0.707344	-1.41374	0.821795	1.07153	1.07153	0.687695	1.13174	1.13174	0.0140245	0.38554	-2.59377	0.266296	1.42578	1.42578	0.109237	0.580758	-1.70719	0.796124	0.92377	-1.08252	0.482577	0.80368	-1.24428	2.93157	4.3545	1.32034	1
cg27142099	TRIM15	0.0723491	0.3063139	2.0555	2.0555	0.0218294	0.184948	1.84044	0.0042988	2.54525	2.54525	0.0002705	2.60018	2.60018	0.0014035	3.66975	3.66975	0.652518	1.02806	1.02806	0.943029	0.945556	1.06011	1.06011	0.810615	1.07039	1.07039	0.525622	1.08167	1.08167	2.93152	0.815241	0.248663	1
cg08780020	KIAA1826;KIAA1826	0.0723504	0.39364	1.25298	1.25298	0.434988	1.22824	1.22824	0.135435	1.51487	1.51487	0.0496097	0.560955	-1.78268	0.163065	0.680952	-1.46853	0.0107031	0.436949	-2.28859	0.302035	0.758843	-1.3178	0.54987	1.169	1.169	0.759757	1.08238	1.08238	2.93154	3.092728	0.937781	1
cg26099407	SCL17A7;SLC17A7	0.0723507	0.6378934	0.924756	-1.08139	0.0973482	0.830483	-1.12848	0.727248	0.885831	-1.12848	0.727248	0.884481	-1.13007	0.594123	1.00409	1.00409	0.555622	0.90635	-1.10333	0.0778359	1.29209	1.29209	0.751026	1.09102	1.09102	0.641298	0.537267	1.09005	1.09005	1.09005	1.28362	0.383151	1
cg12082025	ABCA7	0.0723521	0.254614	2.23364	2.23364	0.00440969	0.103074	13.0374	0.0713079	3.89763	3.89763	0.800344	1.18674	1.18674	0.0781811	3.75121	3.75121	0.381595	1.8316	1.8316	0.0361133	5.18926	5.18926	0.575656	1.80356	1.80356	0.194587	2.52704	2.52704	2.93151	21.192	6.42581	1
cg08098176	USP28	0.0723521	0.706936	1.12192	1.12192	0.103899	1.71845	1.71845	0.232258	1.46457	1.46457	0.353874	1.13713	1.13713	0.134048	0.611313	-1.63582	0.37147	0.756166	-1.32246	0.0065278	0.340801	-2.93426	0.918334	1.03173	1.03173	0.444385	1.26805	1.26805	2.93151	4.307003	1.30597	1
cg16072390	MFSD9	0.0723532	0.0813117	0.391578	-2.55377	0.0726463	1.01227	1.22907	0.751455	0.745114	-1.34218	0.494824	0.698393	-1.43172	-1.16672	0.4048819	-2.47009	0.367798	0.638355	-1.56603	0.2483182	0.449567	-2.22453	0.313456	0.597171	-1.67459	0.0765662	0.384499	-2.60079	2.93151	3.90403	3.31429	1
cg13689561	ZNF136	0.0723532	0.66772	1.22739	1.22739	0.0917157	0.413118	-2.41318	0.474838	1.4117	1.4117	0.285775	0.590981	-1.6921	0.0980951	0.2065524	-4.84204	0.158579	0.489186	-2.04421	0.216388	0.538464	-1.8537	0.384194	1.95097	1.95097	0.432571	0.683874	-1.46226	2.93149	10.4507	3.16881	1
cg08486269	IPCEF1;IPCEF1	0.0723562	0.6506446	0.8811	-1.13506	0.4255	0.844788	-1.18369	0.0967717	0.631182	0.6405358	1.56129	-1.27885	0.6566329	0.4902099	0.8152528	1.2267	0.317962	0.7408	-1.35004	0.2609552	-1.76051	0.4722695	-2.11731	0.1731	1.7314	0.0053469	0.525252	1.90571	1.90571	2.93148	0.8480802	0.177286	1
cg11389172	SLC18A3;CHAT	0.0723534	0.097514	0.496448	-2.01431	0.42628	1.36735	1.36735	0.599665	1.22628	1.22628	0.140499	0.542985	-1.84167	0.872856	0.940181	-1.06362	0.00286769	0.206002	-4.85432	0.230021	0.615675	-1.62423	0.974936	1.01217	1.01217	0.271991	0.643782	-1.55332	2.93149	0.886098	0.20828	1
cg12023999	C17orf67	0.0723554	0.0440565	0.536872	-1.86264	0.493862	0.82962	-1.20537	0.00163726	0.269738	-3.70624	0.28519	0.741984	-1.34774	0.509199	0.835257	-1.19724	0.902011	0.767475	-1.30267	0.864909	0.955255	-1.04684	0.382215	0.785902	-1.27242	0.731982	0.911718	-1.09683	2.93148	3.35555	1.01748	1
cg04162383	GLIS1	0.0723555	0.0144644	0.2139	-4.67503	0.0317787	0.986483	-1.0137	0.241326	1.31526	1.31526	0.0129884	1.10684	1.10684	0.2090109	0.8472291	-1.18062	0.138709	1.18833	1.18833	0.2534544	1.49671	1.49671	0.502578	0.890741	-1.12423	0.232213	0.819414	-1.22088	2.93146	1.17323	0.355752	1
cg09484749	SNORD114-22;SNORD114-21	0.0723565	0.0700554	2.30394	2.30394	0.931395	1.03612	1.03612	0.628346	0.81791	-1.22263	0.30791	1.54483	1.54483	0.0976464	2.11469	2.11469	0.701176	1.17221	1.17221	0.00275936	5.4832	5.4832	0.124324	1.98526	1.98526	0.262548	1.61831	1.61831	2.93144	7.88396	2.39063	1
cg16055026	LOC645321;LOC645323	0.0723577	0.0316554	0.2139	-4.67503	0.0317787	0.986483	-1.0137	0.241326	1.31526	1.31526	0.0129884	1.10684	1.10684	0.2090109	0.8472291	-1.18062	0.138709	1.18833	1.18833	0.2534544	1.49671	1.49671	0.502578	0.890741	-1.12423	0.232213	0.819414	-1.22088	2.93146	1.17323	0.355752	1
cg01084435	NDRG4;NDRG4	0.0723587	0.152691	2.11955	2.11955	0.421634	1.49571	1.49571	0.0488134	3.0142	3.0142	0.234982	1.84131	1.84131	0.0406145	2.50412	2.50412	5.8018	1.8018	1.8018	0.0060154	5.8018	5.8018	0.0060154	1.42744	1.42744	0.0060154	1.42744	1.42744	2.93144	11.567	3.38618	1
cg20600845	EGR2	0.0723589	0.8409941	1.1876	1.1876	0.0164084	12.3105	12.3105	0.476138	1.85924	1.85924	0.159016	3.62713	3.62713	0.440486	5.510002	-1.96078	0.159162	3.62527	3.62527	0.267689	0.372207	-2.68668	0.0132831	13.8214	13.8214	0.160089	3.63152	3.63152	2.9314	34.0149	10.3144	1
cg12257394	HOXC4;HOXC4;HOXC4;HOXC4	0.0723597	0.097004	0.768654	-1.30126	0.3253	1.54129	1.54129	0.238384	1.34509	1.34509	0.0816163	1.05001	1.05001	0.0211719	1.460503	1.460503	0.237587	1.1138	1.1138	0.0150022	1.24853	1.24853	0.0150022	1.24853	1.24853	0.0150022	1.24853	1.24853	2.93142	2.89784	1.02113	1
cg01306510	LOC100134368;CDKN1A;CDKN1A;CDKN1A	0.0723604	0.5054463	0.903446	-1.10687	0.112607	1.29633	1.29633	0.762885	1.04539	1.04539	0.930137	1.01326	1.01326	0.840843	1.03067	1.03067	0.543359	0.911708	-1.09684	0.0375647	1.08005	1.08005	0.574852	0.918365	-1.08889	0.0468347	1.4077	1.4077	2.93137	1.04829	0.317877	1
cg29324447	THSD7B	0.0723606	0.0101932	0.2139	-4.67503	0.0317787	0.986483	-1.0137	0.241326	1.31526	1.31526	0.0129884	1.10684	1.10684	0.2090109	0.8472291	-1.18062	0.138709	1.18833	1.18833	0.2534544	1.49671	1.49671	0.502578	0.890741	-1.12423	0.232213	0.819414	-1.22088	2.93146	1.17323	0.355752	1
cg25714115	GTF2IRD1;GTF2IRD1	0.0723631	0.13821	0.325248	-3.07457	0.876309	0.896188	-1.11584	0.715	0.722553	-1.29441	0.101381	0.283043	-3.53303	0.0118528	0.109624	-9.12208	0.138219	0.325258	-3.07448	0.0205492	0.14038	-7.12353	0.0205282	0.140316	-7.12677	0.185613	0.372451	-2.68492	2.93136	22.9878	6.9707	1
cg34284407	NPR1	0.0723631	0.4674481	1.23912	1.23912	0.0505988	0.614324	-1.90789	0.2145	1.46132	1.46132	0.914282	0.969261	-1.03176	0.0801384	1.240821	1.240821	0.10585	1.66807	1.66807	0.0099291	4.48239	4.48239	0.0099291	4.48239	4.48239	0.0099291	4.48239	4.48239	2.93136	7	2.39409	1.18372	1
cg13889007	PRKCD;PRKCD	0.0723615	0.5668486	1.1585	1.1585	0.176014	1.10106	1.10106	0.0144857	2.61605	-1.51052	0.928133	0.3773331	-1.02319	0.0138078	0.461384	2.16739	0.291606	0.757191	-1.32048	0.0181808	0.343184	0.96011	0.810618	0.940806	-1.06292	0.971154	1.00923	1.00923	2.93135	2.99934	0.909505	1
cg23907860	CTSZ	0.0723709	0.926224	0.979572	-1.02085	0.0218583	0.541648	-1.84622	0.0140813	0.508951	-1.96483	0.17444	0.724745	-1.37979	0.0505342	0.608582	-1.64316	0.909608	0.975007	-1.02563	0.904387	0.973575	-1.02714	0.708681	0.91976	-1.08724	0.0218003	0.541446	-1.8469	2.9312	2.30559	0.699171	1
cg20188546	RASA3	0.0723907	0.0093007	0.414103	-2.41397	0.0138555	0.183183	-5.28855	0.0139731	0.157721	-6.33982	0.0113515	0.157721	-6.33982	0.0113515	0.188582	-5.30245	0.0178797	0.145589	-6.86903	0.0048355	0.139161	1.69521	0.589255	0.849005	1.17785	0.0254507	0.992314	0.99873	-1.00127	1.6312	0.870988	0.245015	1
cg03144834	C4orf3;C4orf3	0.0723724	0.0390001	0.614333	-1.62778	0.283515	0.796758	-1.25509	0.200076	0.758804	-1.31786	0.0248356	0.580045	-1.72401	0.21059	1.30865	1.30865	0.551887	0.884502	-1.13058	0.19591	0.756631	-1.32165	0.428269	1.17929	1.17929	0.0916886	1.46033	1.46033	2.93118	3.91027	0.585361	1
cg25405267	PMS2;PMS2;AIM2P	0.0723726	0.7759911	1.04641	1.04943	0.00769106	1.7846	1.7846	0.644045	1.08186	1.08186	0.293423	1.20239	1.20239	0.1990888	1.2028277	1.2028277	0.249261	0.847252	-1.12586	0.0270666	0.798777	-1.25193	0.0759481	1.39653	1.39653	0.184546	1.20703	1.20703	2.93117	1.32763	0.406209	1
cg00511797	ABL1;ABL1	0.0723727	0.2869326	1.84613	1.84613	0.0155887	0.78102	-1.27802	0.219839	0.5483	-1.82351	0.0966	0.5483	-1.82351	0.0966	0.6302279	-1.58666	-1.52195	1.32195	1.32195	0.0802229	1.152066	-1.6761	0.715662	1.29706	1.29706	0.0164515	1.22487	0.2492962	1.34959	1.94959	2.93117	4.2712	0.3276	1
cg13671590	MRRF;MRRF ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF	0.0723736	0.23768	0.65033	-1.52664	0.0639202	0.392262	-3.30806	0.0174331	0.371594	-2.69111	0.475367	0.780559	-1.28176	0.0870154	0.478764	-2.08871	0.594859	0.832283	-1.20151	0.492068	0.787686	-1.26954	0.418303	1.32717	1.32717	0.185964	0.619104	-1.61547	2.93116	5.43059	1.64686	1
cg20876030	?;ARHGEF7;ARHGEF7	0.0723779	0.937732	1.00835	1.00835	0.689663	0.958179	-1.04365	0.0376772	0.773682	-1.29252	0.451608	1.08505	1.08505	0.353031	0.90329	-1.10706	0.855739	1.01956	1.01956	0.0985399	1.21266	1.21266	0.00771066	1.43958	1.43958	0.584739	1.06049	1.06049	2.93109	0.525875	0.159478	1
cg21244754	PIP5K1L;PIP5K1L	0.0723788	0.0099357	0.484103	-2.03187	0.1128055	1.4291	1.42791	0.253065	1.37228	-1.29494	0.446935	0.7313881	-1.45479	0.3045	0.8115882	-1.23233	0.5137586	1.14698	1.14698	0.1114986	1.45459	1.45459	0.350581	1.08606	-1.01148	0.3167258	0.799241	-1.25119	2.93108	1.27628	0.459986	1
cg02061431	TGFB3	0.0723785	0.00981069	0.271321	-4.60149	0.0316164	0.30782	-3.24865	0.0531931	0.35807	-2.79275	0.0475099	0.346516	-2.88587	0.0881448	0.414862	-2.41044	0.241561	0.563755	-1.77382	0.0642284	0.378329	-2.6432	0.0884728	0.415315	-2.40781	0.221261	0.548174	-1.82424	2.93108	10.1478	3.07746	1
cg18426860	FNDC1	0.0723979	0.0225348	0.231031	-4.32843	0.288946	0.554135	-1.80461	0.713846	0.820768	-1.21837	0.64349	1.28396	1.28396	0.0451733	0.291577	3.42962	0.728105	0.829303	-1.20583	0.00555378	0.139855	-7.15029	0.968093	0.978777	-1.02168	0.23399	0.51216	-1.95251	2.93107	13.3513	4.04897	1
cg27452384	MAPK10;MAPK10	0.0723801	0.8647007	1.09173	1.09173	0.2792	1.2932	1.2932	0.0540954	1.60747	1.6202	0.240454	0.974719	1.6202	0.964269	0.974719	1.6202	0.548224	1.24623	1.24623	0.0385224	1.38323	1.38323	0.0617066	1.24346	1.24346	0.217319	1.6004	1.6004	2.93105	6.005944	1.84793	1
cg02911077	TMC8;TMC6	0.0723812	0.789891	0.911365	-1.09726	0.0967152	1.88458	1.88458	0.955335	0.980722	-1.01966	0.020247	0.64579	2.64579	0.033545	0.833445	-1.19983	0.46756	1.29291	1.29291	0.0064088	3.43009	3.43009	0.967398	0.985896	-1.01431	0.115614	1.8201	1.8201	2.93103	5.60689	1.70039	1
cg29193412	CUBN	0.0723813	0.2203131	1.84613	1.84613	0.0155887	0.496464	-1.90538	0.0382182	0.371594	-2.69111	0.475367	0.780559	-1.28176	0.0870154	0.478764	-2.08871	0.594859	0.832283	-1.20151	0.492068	0.787686	-1.26954	0.418303	1.32717	1.32717	0.185964	0.619104	-1.61547	2.93103	5.43059	1.64686	1
cg07756148	ASF1B	0.0723833	0.276156	0.845319	-1.18299	0.0548713	1.38126	1.38126	0.0075903	1.66424	1.66424	0.185721	1.2314	1.2314	0.38442	1.14144	1.14144	0.641787	1.07197	1.07197	0.175541	0.807604	-1.23823	0.445503	0.891037	-1.12229	0.782184	0.959372	-1.04197	2.931	1.02153	0.309802	1
cg14835804	MFF	0.0723837	0.5269005	0.719428	-1.38999	0.0211092	4.1556	4.1556	0.638586	1.27505	1.27505	0.139341	2.26404	2.26404	0.0280006	2.263622	-3.79331	0.737281	0.841197	-1.18878	0.255847	0.543759	-1.83905	0.129506	2.31942	2.31942	0.463306	0.681512	-1.46733	2.93099	12.2468	3.7141	1
cg13581582	C2orf90	0.0723878	0.4512444	1.19239	1.19239	0.0172722	0.95119	-1.05102	0.0178441	0.780559	-1.28176	0.0870154	0.478764	-2.08871	0.0594859	0.832283	-1.20151	0.662784	1.15271	1.15271	0.0682583	0.716057	1.15271	0.0682583	0.716057	1.15271	0.0682583	0.716057	1.15271	0.0682583	0.716057	2.93098	0.254146	0.08951	1
cg16762308	C20orf114	0.0723892	0.2467090	1.26673	1.26673	0.88383	0.971865	-1.02895	0.067673	0.670623	-1.49115	0.462414	1.15722	1.15722	0.350975	1.20608	1.20608	0.0613054	1.50916	1.50916	0.00576821	2.02612	2.02

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20577535	EXPH5	0.0724639	0.0619129	0.457047	-2.18796	0.386584	1.39174	1.39174	0.385673	1.39267	1.39267	0.0649522	0.462151	-2.1638	0.0231407	0.36374	-2.74921
cg21942576	GPBP1L1	0.0724647	0.216052	0.499092	-2.00364	0.108937	0.393296	-2.54262	0.0716821	0.341808	-2.92562	0.100975	0.383343	-2.60863	0.00966667	0.17415	-5.74218
cg15738138	BECN1	0.0724676	0.397933	1.35283	1.35283	0.367338	1.38172	1.38172	0.0602569	2.09577	2.09577	0.675624	1.15828	1.15828	0.636171	0.846722	-1.18103
cg00784105	AKR7A2	0.0724691	0.0480363	0.643169	-1.5548	0.135454	1.36923	1.36923	0.169673	1.33066	1.33066	0.355812	0.830698	-1.20381	0.342219	0.82604	-1.2106
cg09073398	SLIT3;SLIT3	0.0724724	0.768962	0.954126	-1.04808	0.339316	1.17001	1.17001	0.117257	1.31162	1.31162	0.172645	0.793425	-1.26036	0.0233659	0.649245	-1.54025
cg23464510	FOLR3	0.0724729	0.0253331	0.267655	-3.73616	0.440182	0.676871	-1.47739	0.213673	0.522481	-1.91395	0.0222435	0.257028	-3.89063	0.0181308	0.241082	-4.14797
cg16617349	MIR1256;CBARA1	0.072474	0.966107	0.987032	-1.01314	0.0439638	0.49109	-2.03629	0.0112337	0.376903	-2.65321	0.0871556	1.78645	1.78645	0.183554	0.648279	-1.54254
cg19315653	ADORA1;ADORA1	0.0724764	0.0189349	3.81673	3.81673	0.0129917	4.27478	4.27478	0.103115	2.31705	2.31705	0.36538	1.55009	1.55009	0.603282	0.781065	-1.2803
cg18280758	SERINC2	0.0724765	0.198375	0.46919	-2.13133	0.0774821	0.335359	-2.98188	0.207622	0.477238	-2.09539	0.548446	0.713159	-1.40221	0.00825723	0.152507	-6.55707
cg19234412	ODZ4	0.0724779	0.213237	0.65936	-1.51662	0.0300445	0.44449	-2.24977	0.475587	0.794127	-1.25924	0.902225	0.961702	-1.03982	0.714861	0.889955	-1.12365
cg14192813	SLC22A23;SLC22A23	0.0724793	0.867043	1.02901	1.02901	0.0704316	0.708135	-1.41216	0.964115	0.992351	-1.00771	0.814737	1.04088	1.04088	0.232791	1.23807	1.23807
cg26959235	SLC47A1	0.0724797	0.63355	0.889591	-1.12411	0.55811	0.865651	-1.1552	0.195075	1.39632	1.39632	0.157453	0.691952	-1.44519	0.0908986	0.635291	-1.57408
cg01566199	PAQR7;PAQR7	0.0724799	0.183827	0.509335	-1.96335	0.270797	0.577759	-1.73083	0.929492	0.958538	-1.04326	0.488897	0.714338	-1.3999	0.00481708	0.167033	-5.98686
cg02415470	ANKRD11	0.0724805	0.166732	0.678769	-1.47326	0.723331	0.910812	-1.09792	0.12769	0.648645	-1.54168	0.104591	1.59399	1.59399	0.0240586	0.493001	-2.02839
cg10082589	SDPR	0.0724806	0.462805	0.860278	-1.16242	0.00382247	0.455993	-2.19302	0.0270579	0.590349	-1.69391	0.684505	1.08574	1.08574	0.0714185	0.666693	-1.49994
cg26521129	SYT11	0.0724826	0.40163	1.40247	1.40247	0.0414785	0.39599	-2.52532	0.215662	1.67106	1.67106	0.0501372	2.41085	2.41085	0.571961	1.25236	1.25236
cg19909787	HMX2;HMX2	0.0724829	0.270501	0.553152	-1.80782	0.655105	1.26116	1.26116	0.136445	2.28884	2.28884	0.439337	0.665609	-1.50238	0.327701	0.593672	-1.68443
cg10747192	MACROD1	0.0724833	0.0955293	0.257864	-3.87801	0.0382709	0.169118	-5.91302	0.221467	0.386282	-2.58878	0.471351	0.581413	-1.71995	0.047709	0.187157	-5.34312
cg21405705	ZFP36L1	0.0724846	0.0768449	0.664169	-1.50564	0.316887	1.24009	1.24009	0.0166254	1.83718	1.83718	0.104573	1.44624	1.44624	0.290745	1.25611	1.25611
cg12872489	EHMT1	0.0724858	0.166154	1.33191	1.33191	0.635577	1.09709	1.09709	0.784147	1.05474	1.05474	0.794877	1.05187	1.05187	0.376321	0.838427	-1.19271
cg12737833	NPAS2	0.0724867	0.0544919	0.403962	-2.47548	0.977409	0.988304	-1.01183	0.167791	0.542907	-1.84194	0.160939	0.536788	-1.86293	0.00300619	0.184447	-5.42162
cg02925848	EXT1	0.0724871	0.506051	0.837437	-1.19412	0.763068	1.08274	1.08274	0.842895	1.05356	1.05356	0.249801	0.728892	-1.37195	0.039634	0.534937	-1.86938
cg01473955	ANKS1B;ANKS1B;ANKS1B	0.0724873	0.374954	1.12185	1.12185	0.479087	1.09511	1.09511	0.408626	0.898785	-1.11261	0.182726	1.19546	1.19546	0.958412	0.993437	-1.00661
cg20626249	TEAD1	0.0724877	0.168249	0.665197	-1.50331	0.00637491	0.37319	-2.6796	0.0379637	0.512715	-1.9504	0.37186	0.77526	-1.28989	0.290729	0.737558	-1.35583
cg11257981	THYN1;THYN1;THYN1;THYN1;THYN1;THYN1;THYN1;THYN1;ACAD8;THYN1;THYN1	0.0724893	0.0477809	0.718003	-1.39275	0.107547	1.29315	1.29315	0.0851144	1.32135	1.32135	0.204347	0.821964	-1.2166	0.111459	0.775873	-1.28887
cg21930712	C19orf75;C19orf75	0.0724894	0.00902823	0.0935688	-10.6873	0.0138418	0.114058	-8.76748	0.0460069	0.195501	-5.11505	0.471539	0.592895	-1.68664	0.172019	0.354282	-2.82261
cg26132665	C6orf165;C6orf165	0.0724914	0.531958	0.887657	-1.12656	0.0106197	1.83088	1.83088	0.204989	1.28625	1.28625	0.0414392	0.642319	-1.55686	0.832915	0.961014	-1.04057
cg10131810	GNG7	0.0724921	0.0596089	2.5948	2.5948	0.00303201	6.18491	6.18491	0.283528	1.64831	1.64831	0.876099	0.932409	-1.07249	0.449316	0.707656	-1.41312
cg09447007	C7orf44	0.0724939	0.467259	1.13238	1.13238	0.2303	0.809348	-1.23556	0.246993	1.22563	1.22563	0.110015	0.746188	-1.34014	0.180839	1.26973	1.26973
cg01811187	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.072494	0.364646	0.814757	-1.22736	0.228186	1.3207	1.3207	0.395041	1.21115	1.21115	0.998092	0.999474	-1.00053	0.0457799	0.604361	-1.65464
cg08849150	FAM162B	0.0724949	0.141959	0.653614	-1.52996	0.00191686	0.30627	-3.26509	0.135478	0.648334	-1.54241	0.412702	0.79807	-1.25302	0.946791	0.982185	-1.01814
cg03570948	LOC100133308	0.0724975	0.0604642	0.544605	-1.83619	0.0462063	0.519108	-1.92638	0.0150323	0.42403	-2.35833	0.0135336	0.415913	-2.40435	0.126136	0.621867	-1.60806
cg14411804	CCDC85A	0.0725018	0.35636	0.738823	-1.35351	0.0066009	0.324545	-3.08123	0.055558	0.500436	-1.99826	0.783249	0.915773	-1.09197	0.602516	0.845648	-1.18253
cg13926279	ADAM19	0.0725064	0.685694	0.959344	-1.04238	0.0174139	1.34358	1.34358	0.110172	1.19436	1.19436	0.239041	0.881802	-1.13404	0.527727	0.936815	-1.06745
cg06438404	COX4I1;COX4NB;COX4NB	0.0725065	0.60165	0.934609	-1.06997	0.224223	1.17813	1.17813	0.0612886	1.31093	1.31093	0.133313	1.23112	1.23112	0.971803	0.995472	-1.00455
cg22830701	BDNFOS;LIN7C	0.0725094	0.027916	3.17998	3.17998	0.0787954	2.3852	2.3852	0.0566549	2.61375	2.61375	0.255441	0.589358	-1.69676	0.0348586	2.98969	2.98969
cg00159400	PCNA;PCNA	0.0725118	0.838269	0.966857	-1.03428	0.082559	1.37314	1.37314	0.779771	1.04731	1.04731	0.285442	0.832797	-1.20077	0.749674	0.948577	-1.05421
cg18703089	MRPL10	0.0725119	0.592208	1.0648	1.0648	0.0403462	1.31656	1.31656	0.627034	1.05851	1.05851	0.760863	0.965173	-1.03608	0.0332793	0.74906	-1.33501
cg08869547	KIF7	0.0725121	0.02397	0.135288	-7.39166	0.0305342	0.151402	-6.60495	0.0896037	0.249086	-4.01468	0.554644	0.641555	-1.55871	0.0678658	0.218936	-4.56754
cg13344237	DNMT3A;DNMT3A;DNMT3A	0.0725126	0.332077	1.1749	1.1749	0.112392	1.32103	1.32103	0.154841	1.27796	1.27796	0.093506	1.346	1.346	0.0420144	1.45854	1.45854
cg25576788	LATS2	0.0725132	0.528321	0.90763	-1.10177	0.741739	1.05145	1.05145	0.312332	1.17181	1.17181	0.0643301	1.37069	1.37069	0.0523727	0.71555	-1.39753
cg17089486	SLC16A7;SLC16A7	0.0725168	0.374265	0.782295	-1.27829	0.0511048	0.549884	-1.81856	0.118163	0.633355	-1.57889	0.166728	1.4872	1.4872	0.115049	1.58614	1.58614
cg11602041	ME3;ME3;ME3	0.0725207	0.223677	0.74344	-1.3451	0.233848	1.33567	1.33567	0.543865	1.15312	1.15312	0.986559	1.00391	1.00391	0.669352	0.90518	-1.10475
cg09381701	SASH1;SASH1	0.0725216	0.420349	0.889938	-1.12367	0.0919791	1.30048	1.30048	0.542368	1.09127	1.09127	0.663429	1.06398	1.06398	0.537569	0.915383	-1.09244
cg23941787	MAP4K1;MAP4K1	0.0725222	0.73359	0.810526	-1.23377	0.0248659	0.193599	-5.16532	0.0312068	0.211273	-4.73322	0.0233472	0.188944	-5.29257	0.0163786	0.164605	-6.07514
cg04006520	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0725241	0.0723017	0.485656	-2.05907	0.83796	1.07652	1.07652	0.396291	0.731389	-1.36726	0.946112	1.02464	1.02464	0.00293575	0.229664	-4.35419
cg01410292	IL17B	0.0725253	0.284462	0.813135	-1.22981	0.0209891	0.596531	-1.67636	0.150696	0.750847	-1.33183	0.275465	0.809713	-1.23501	0.205692	0.780067	-1.28194
cg25798413	KDM3A;KDM3A	0.0725253	0.481319	0.749154	-1.33484	0.392127	0.702045	-1.42441	0.32888	0.665904	-1.50172	0.608377	1.23187	1.23187	0.936362	0.968293	-1.03275
cg10478199	ATP6V1B1	0.0725257	0.498524	1.11149	1.11149	0.282038	0.841999	-1.18765	0.0214623	1.52962	1.52962	0.391285	1.14468	1.14468	0.553762	0.911973	-1.09652
cg24413842	GIMAP7	0.0725285	0.0104267	0.136297	-7.33691	0.037302	0.224543	-4.45349	0.75773	0.825962	-1.21071	0.210891	0.442799	-2.25836	0.022879	0.185912	-5.37889
cg13555543	MAX;MAX;MAX;MAX;MAX;MAX	0.0725289	0.0555674	0.700906	-1.42673	0.304317	1.19037	1.19037	0.350186	1.1706	1.1706	0.382757	1.15792	1.15792	0.722007	1.06026	1.06026
cg17560327	ZNF417	0.0725295	0.407152	0.898172	-1.11337	0.203412	1.18534	1.18534	0.184551	1.19512	1.19512	0.406251	1.11361	1.11361	0.0121193	1.48599	1.48599
cg07090356	SS18;SS18	0.0725311	0.0620716	0.327678	-3.05178	0.0159338	0.208529	-4.79548	0.0180533	0.217516	-4.59735	0.282624	0.552682	-1.80936	0.068797	0.339014	-2.94973
cg10800953	CHRD	0.0725323	0.368344	1.631	1.631	0.298432	1.76938	1.76938	0.759967	1.17615	1.17615	0.307296	1.74985	1.74985	0.434499	1.52529	1.52529
cg00964918	BAT2L1	0.0725338	0.510182	0.873689	-1.14457	0.428338	1.17757	1.17757	0.862016	1.03579	1.03579	0.251014	1.27435	1.27435	0.543962	0.883242	-1.13219
cg16707262	TRIM26	0.0725341	0.0441138	0.243083	-4.11382	0.0564405	0.266928	-3.74633	0.139972	0.378668	-2.64084	0.874934	0.908172	-1.10111	0.00969809	0.135196	-7.39666
cg07343612	PIGQ;PIGQ	0.0725344	0.64529	0.931589	-1.07343	0.0415108	0.698114	-1.43243	0.545468	0.910698	-1.09806	0.817493	1.03597	1.03597	0.0268828	0.669805	-1.49297
cg22940988	AAGAB	0.0725394	0.372315	1.1453	1.1453	0.0136241	0.63633	-1.57151	0.718708	0.947836	-1.05504	0.908539	1.01717	1.01717	0.152125	1.25512	1.25512
cg06094203	DPH3B;DPH3B;TCFL5	0.0725421	0.802307	0.915179	-1.09268	0.0612228	2.10699	2.10699	0.692207	1.15094	1.15094	0.517674	1.2608	1.2608	0.00484124	0.267064	-3.74443
cg06083642	CHPF2;MIR671	0.072545	0.175527	0.715098	-1.39841	0.135913	0.68792	-1.45366	0.819165	1.05475	1.05475	0.534855	1.15756	1.15756	0.017359	1.96289	1.96289
cg04617905	RUNX1T1	0.0725452	0.0391588	0.547695	-1.82583	0.571893	1.15497	1.15497	0.264704	1.34072	1.34072	0.22639	0.72587	-1.37766	0.156671	0.682415	-1.46538
cg26280666	MSC	0.0725467	0.206093	0.562306	-1.77839	0.130178	2.02507	2.02507	0.156029	1.92532	1.92532	0.0770341	2.33657	2.33657	0.195537	1.80562	1.80562
cg07042546	RNF214;RNF214	0.0725472	0.0407307	0.342152	-2.92267	0.522633	0.745162	-1.34199	0.387629	0.668977	-1.49482	0.695608	1.19543	1.19543	0.018906	0.275089	-3.63519
cg07698196	LOC100128542	0.0725488	0.10811	0.443646	-2.25405	0.123458	0.461362	-2.16749	0.606782	1.27212	1.27212	0.113513	0.450057	-2.22194	0.0238608	0.286513	-3.49025
cg01083093	C1orf162	0.0725507	0.0479051	0.430503	-2.32286	0.247906	0.637532	-1.56855	0.147965	0.560801	-1.78316	0.115718	0.528783	-1.89113	0.00572458	0.259243	-3.85739
cg19177701	BUB1	0.0725515	?	?	?	0.501245	0.819789	-1.21983	0.233464	1.44119	1.44119	0.0641562	0.540469	-1.85024	0.449345	0.798875	-1.25176
cg27351619	ZBTB47	0.0725528	0.0378492	3.78847	3.78847	0.0326983	3.98418	3.98418	0.276117	1.87131	1.87131	0.195808	2.13122	2.13122	0.150276	0.426149	-2.3466
cg14647845	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0725534	0.59112	1.07361	1.07361	0.226586	1.18089	1.18089	0.76809	1.03948	1.03948	0.0434096	1.35554	1.35554	0.669442	1.05785	1.05785
cg18522740	DNMBP	0.0725535	0.40389	0.709174	-1.41009	0.624427	0.819933	-1.21961	0.0090081	3.80393	3.80393	0.66547	1.19128	1.19128	0.989339	0.994639	-1.00539
cg14178794	EVC	0.0725541	0.652153	1.15017	1.15017	0.194608	1.52661	1.52661	0.120054	1.68196	1.68196	0.00280861	3.55843	3.55843	0.336745	1.35713	1.35713
cg13859511	WNT10A	0.0725545	0.410893	1.16097	1.16097	0.333306	0.837663	-1.1938	0.37988	1.17339	1.17339	0.475133	1.13759	1.13759	0.153948	1.31119	1.31119
cg25203704	LOC285696;BASP1	0.0725551	?	?	?	?	?	?	0.659512	1.34169	1.34169	0.412066	1.74602	1.74602	0.615665	1.39884	1.39884
cg23700513	HLA-H	0.0725575	0.0857456	4.58227	4.58227	0.113137	3.98297	3.98297	0.0804997	4.72981	4.72981	0.399825	1.99539	1.99539	0.940289	1.06189	1.06189
cg01064902	SIRT5;SIRT5	0.0725582	0.972791	1.0077	1.0077	0.230611	1.32686	1.32686	0.00273988	2.53397	2.53397	0.0631142	1.60013	1.60013	0.327402	1.25528	1.25528
cg15926585	COMT;TXNRD2	0.0725583	0.0265533	0.131443	-7.60787	0.286765	0.425812	-2.34845	0.91308	0.919179	-1.08793	0.650033	1.42268	1.42268	0.105344	0.255205	-3.91841
cg18057959	CTBP2;CTBP2;CTBP2	0.0725584	0.111949	0.362119	-2.76152	0.81589	1.14668	1.14668	0.0367805	4.15203	4.15203	0.0858197	3.04699	3.04699	0.117479	0.368693	-2.71228
cg25517187	BMPR1A	0.0725587	0.889023	0.95704	-1.04489	0.0161746	0.396418	-2.52259	0.011663	0.371076	-2.69487	0.968833	0.987787	-1.01236	0.672987	0.875021	-1.14283
cg01825295	ZIC1	0.072565	0.0420725	0.0912001	-10.9649	0.293007	3.05048	3.05048	0.832271	0.805063	-1.24214	0.468011	0.470036	-2.1275	0.0225028	0.0611648	-16.3493
cg09399047	NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF3;DALRD3	0.0725659	0.101743	1.37164	1.37164	0.0361543	1.53695	1.53695	0.27003	1.22458	1.22458	0.0179917	1.66037	1.66037	0.211193	1.26158	1.26158
cg03802998	TP53I11;TP53I11	0.0725661	0.199182	0.692594	-1.44385	0.0153543	2.23802	2.23802	0.0917099	1.65328	1.65328	0.496885	1.20535	1.20535	0.0289527	0.497975	-2.00813
cg23917638	MIR1977	0.0725692	0.139649	1.25066	1.25066	0.147683	0.803657	-1.24431	0.220302	0.834145	-1.19883	0.419721	0.890463	-1.12301	0.145469	0.802551	-1.24603
cg01412518	MEGF6	0.0725723	0.274094	0.702527	-1.42343	0.0125981	0.38195	-2.61814	0.685338	0.88128	-1.13471	0.130517	0.602528	-1.65967	0.00422754	0.304771	-3.28115
cg10077468	RCCD1;RCCD1	0.0725729	?	?	?	0.847316	0.848229	-1.17893	0.00332996	30.34	30.34	0.241092	0.350673	-2.85166	0.154271	0.271927	-3.67745
cg21020710	ZNF544	0.0725729	0.184627	0.813203	-1.22971	0.0371604	1.42695	1.42695	0.449953	1.11978	1.11978	0.959686	1.00746	1.00746	0.299402	1.17122	1.17122
cg12992838	ALG9;ALG9;ALG9;ALG9	0.072573	0.227495	0.73983	-1.35166	0.251691	1.32954	1.32954	0.395455	1.22998	1.22998	0.00945979	0.457408	-2.18623	0.816489	0.94621	-1.05685
cg12491555	ALDH8A1;ALDH8A1;ALDH8A1;ALDH8A1	0.0725756	0.992874	1.00286	1.00286	0.195883	0.645358	-1.54953	0.00973915	0.351035	-2.84872	0.259337	1.45759	1.45759	0.0229876	0.418613	-2.38884
cg02102829	CTBP2;CTBP2	0.0725759	0.0749474	0.633219	-1.57923	0.511307	1.16589	1.16589	0.301448	1.27975	1.27975	0.941383	0.983199	-1.01709	0.396744	1.22133	1.22133
cg21524424	ARHGEF10L;ARHGEF10L	0.0725777	0.476514	1.30879	1.30879	0.149645	0.563121	-1.77582	0.777429	1.1111	1.1111	0.637055	1.19324	1.19324	0.0203324	0.353545	-2.8285
cg09615719	TP53AIP1	0.0725803	0.567222	1.36964	1.36964	0.0172026	4.8495	4.8495	0.135096	2.40161	2.40161	0.0899187	2.76403	2.76403	0.0264128	0.238882	-4.18616
cg04690347	KRT40	0.072582	0.535779	0.875679	-1.14197	0.281771	0.789131	-1.26722	0.00263089	0.414165	-2.4145	0.133541	0.709913	-1.40862	0.250141	0.775356	-1.28973
cg24089936	AGBL4	0.0725834	0.0515138	0.408794	-2.44622	0.286101	0.63949	-1.56375	0.906956	1.04832	1.04832	0.393386	0.70269	-1.4231	0.00316848	0.196532	-5.08824
cg08023962	GTF2F2	0.0725836	0.213094	1.82518	1.82518	0.826464	0.904157	-1.106	0.747076	1.16007	1.16007	0.0361728	0.326973	-3.05836	0.0901441	0.42443	-2.3561
cg20980021	SHROOM2	0.072584	0.446745	1.46204	1.46204	0.389076	0.649006	-1.54082	0.32785	0.609767	-1.63997	0.179637	0.497554	-2.00983	0.0588048	0.35157	-2.84438
cg13695933	RUSC2;RUSC2	0.0725861	0.64841	1.18099	1.18099	0.0382523	2.38733	2.38733	0.00561412	3.73403	3.73403	0.0250524	2.62713	2.62713	0.998721	0.999419	-1.00058
cg22696358	RING1	0.0725869	0.975063	1.00702	1.00702	0.0500906	0.606496	-1.64881	0.0531543	0.611521	-1.63527	0.584896	0.883844	-1.13142	0.789367	0.941828	-1.06176
cg05368971	MORN1	0.0725874	0.773332	0.832893	-1.20063	0.0667662	0.272159	-3.67433	0.166841	0.393292	-2.54264	0.304948	0.51036	-1.9594	0.0319476	0.203621	-4.91109
cg27167602	ST7;ST7OT4;ST7OT1;ST7	0.0725889	0.852493	0.968032	-1.03302	0.960675	0.99143	-1.00864	0.0895219	1.38647	1.38647	0.277421	1.21794	1.21794	0.0399568	0.660712	-1.51352
cg00169737	MORN3	0.0725895	0.0272771	0.249717	-4.00453	0.847253	0.902647	-1.10785	0.159539	0.450075	-2.22185	0.252955	0.530374	-1.88546	0.00401576	0.128347	-7.79138
cg05956679	HBA2	0.072597	0.0233136	0.110468	-9.05241	0.0673443	0.188998	-5.29106	0.123091	0.257276	-3.88688	0.655607	0.694326	-1.44024	0.023284	0.110396	-9.05829
cg06427772	PWWP2B;PWWP2B	0.0725978	0.944378	0.9412	-1.06247	0.0911645	5.03259	5.03259	0.633917	0.659237	-1.5169	0.846382	1.18348	1.18348	0.00532496	0.0412168	-24.2619
cg10727661	PITRM1	0.0726005	0.0540152	1.58576	1.58576	0.0215815	0.558951	-1.78907	0.307399	0.800322	-1.2495	0.0420344	0.610247	-1.63868	0.65207	0.908751	-1.10041
cg02229516	TRMT1;TRMT1;TRMT1;TRMT1;TRMT1	0.0726013	0.998281	0.999779	-1.00022	0.00525196	1.45816	1.45816	0.0412947	1.27275	1.27275	0.396677	1.093	1.093	0.31535	1.11224	1.11224
cg02764370	STK11	0.0726032	0.178668	0.796532	-1.25544	0.0328395	1.48804	1.48804	0.057883	1.40689	1.40689	0.936656	0.987425	-1.01274	0.508894	1.11259	1.11259
cg05979400	LOC100128731	0.0726042	0.160481	0.559233	-1.78816	0.295786	0.656873	-1.52237	0.249749	0.627332	-1.59405	0.139238	0.539619	-1.85316	0.0619777	0.442777	-2.25847
cg23891049	BPGM;BPGM	0.0726053	0.317172	1.78239	1.78239	0.837641	1.12152	1.12152	0.378686	0.60362	-1.65667	0.00141663	0.0756456	-13.2195	0.718284	0.816697	-1.22444
cg23075558	NCRNA00171	0.0726059	0.760983	0.894466	-1.11799	0.576381	0.813568	-1.22915	0.438014	1.33534	1.33534	0.521103	1.26839	1.26839	0.0041693	0.245728	-4.06954
cg19567295	FOXN3;FOXN3	0.0726062	0.117401	0.673099	-1.48566	0.620438	1.12322	1.12322	0.136619	1.45248	1.45248	0.146989	0.696088	-1.4366	0.0798227	0.636051	-1.5722
cg12438576	NOX4	0.0726069	0.63344	0.916341	-1.0913	0.27122	0.811969	-1.23157	0.0160919	0.58532	-1.70847	0.00636501	0.524258	-1.90746	0.848245	1.03545	1.03545
cg07660494	TMEM169;TMEM169;TMEM169;TMEM169	0.072607	0.00772627	0.194902	-5.13077	0.58182	1.30449	1.30449	0.581738	0.76654	-1.30456	0.474363	1.41578	1.41578	0.460304	0.69821	-1.43223
cg01679528	C6orf218	0.0726079	0.731234	1.04863	1.04863	0.425098	0.89388	-1.11872	0.0947407	0.776527	-1.28779	0.222027	0.837976	-1.19335	0.151159	0.809078	-1.23598
cg22497008	ZAP70;ZAP70	0.07261	0.0247863	0.471432	-2.1212	0.0905469	0.591687	-1.69008	0.0306003	0.489251	-2.04394	0.992161	0.997239	-1.00277	0.407328	0.787795	-1.26937
cg14769792	FAM13AOS	0.0726103	0.0192504	0.285555	-3.50195	0.212329	0.559078	-1.78866	0.225703	0.569413	-1.75619	0.0932921	0.441693	-2.26401	0.00482586	0.191105	-5.23273
cg10425506	RPS23	0.0726109	0.330217	0.787343	-1.27009	0.776551	0.93453	-1.07006	0.00579966	2.36305	2.36305	0.147412	0.690794	-1.44761	0.584164	1.14056	1.14056
cg07599484	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4;LCAT	0.0726109	0.790501	1.11449	1.11449	0.394593	0.70118	-1.42617	0.0532361	0.408977	-2.44512	0.116734	2.00142	2.00142	0.0577767	0.417531	-2.39503
cg17101920	ZYG11B	0.0726128	0.511629	0.903073	-1.10733	0.797096	1.04025	1.04025	0.406361	1.13894	1.13894	0.135272	0.781465	-1.27965	0.0999195	0.75872	-1.31801
cg09416188	DAG1;DAG1	0.072613	0.019994	0.208538	-4.79529	0.563139	0.72152	-1.38596	0.562519	1.3867	1.3867	0.152497	0.424983	-2.35303	0.0584969	0.303144	-3.29877
cg03266780	COL19A1	0.0726131	0.0831878	0.254708	-3.92606	0.0136768	0.113683	-8.79642	0.0271699	0.154989	-6.45207	0.872995	1.12083	1.12083	0.0410347	0.186153	-5.37192
cg01962062	MIR320C2;OSBPL1A	0.0726133	0.0188402	0.453842	-2.20341	0.375901	0.776992	-1.28701	0.0500007	0.537621	-1.86005	0.50862	0.830116	-1.20465	0.0566177	0.549268	-1.82061
cg10606694	LSM12	0.0726138	0.131364	0.666287	-1.50085	0.751941	0.923997	-1.08225	0.374989	1.25481	1.25481	0.151471	1.46685	1.46685	0.00351302	0.37276	-2.68269
cg15472739	LOC388692	0.0726161	0.0275735	13.3442	13.3442	0.38781	2.4115	2.4115	0.263736	3.18538	3.18538	0.433192	2.21523	2.21523	0.0746235	7.20649	7.20649
cg05771767	PPP1R10	0.0726167	0.525677	0.88794	-1.1262	0.196055	0.776719	-1.28747	0.558233	0.896347	-1.11564	0.650177	0.91908	-1.08804	0.00158095	0.432392	-2.31271
cg00497967	VAT1L	0.0726174	0.930939	1.01028	1.01028	0.668507	1.05213	1.05213	0.441723	1.09696	1.09696	0.966762	0.995096	-1.00493	0.00326544	0.623077	-1.60494
cg12614633	USP48;USP48	0.0726174	0.141562	1.24357	1.24357	0.0271058	1.43446	1.43446	0.0203272	1.47069	1.47069	0.34776	0.875185	-1.14262	0.989209	0.998137	-1.00187
cg13510707	TMEM159;DNAH3	0.0726176	0.106983	0.801437	-1.24776	0.262335	0.863281	-1.15837	0.460026	0.909718	-1.09924	0.0640542	1.29925	1.29925	0.527099	0.922556	-1.08394
cg01063935	PEX14	0.0726181	0.174653	0.493892	-2.02473	0.893428	0.936608	-1.06768	0.0429862	0.320489	-3.12023	0.0243674	0.269579	-3.70949	0.0152605	0.233251	-4.28723
cg00650640	EGFL6;EGFL6	0.0726182	0.274872	0.229637	-4.3547	0.554091	0.460679	-2.17071	0.691839	0.596944	-1.6752	0.750492	1.51158	1.51158	0.582606	0.48733	-2.052
cg27325152	SIM2;SIM2	0.0726193	0.00976403	0.246192	-4.06186	0.63427	1.22822	1.22822	0.829428	0.911612	-1.09696	0.0612383	0.40468	-2.47109	0.0999125	2.16694	2.16694
cg15844005	C1orf70	0.0726224	0.782114	0.913265	-1.09497	0.0277588	2.34268	2.34268	0.547049	1.2207	1.2207	0.151482	0.604747	-1.65358	0.0535141	0.487905	-2.04958

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20577535	0.332665	0.689218	-1.45092	0.0184201	0.344743	-2.90071	0.53506	0.791395	-1.26359	0.224518	0.621777	-1.60829	2.92968	6.43599	1.95273	1
cg21942576	0.0672944	0.3347	-2.98775	0.103574	0.386643	-2.58636	0.302607	1.76832	1.76832	0.119714	0.406091	-2.4625	2.92967	13.2212	4.01144	1
cg15738138	0.942777	1.02538	1.02538	0.00349629	0.250731	-3.98834	0.764517	0.900421	-1.11059	0.93077	0.970117	-1.0308	2.92962	5.65651	1.71627	1
cg00784105	0.05923	0.65972	-1.5158	0.0327475	0.613936	-1.62883	0.6079	1.10635	1.10635	0.433081	1.1691	1.1691	2.92959	1.76958	0.53692	1
cg09073398	0.0425313	1.45114	1.45114	0.143581	0.778371	-1.28473	0.517411	1.11031	1.11031	0.46757	1.12507	1.12507	2.92954	1.17931	0.35783	1
cg23464510	0.0932239	0.400326	-2.49796	0.19828	0.509631	-1.9622	0.0347393	0.295148	-3.38813	0.0795668	0.381087	-2.62407	2.92953	11.4041	3.46028	1
cg16617349	0.233792	1.46734	1.46734	0.689735	1.13119	1.13119	0.506064	0.812804	-1.23031	0.589323	0.845848	-1.18225	2.92951	4.37825	1.32847	1
cg19315653	0.244615	1.77473	1.77473	0.121139	2.208	2.208	0.0386297	3.09221	3.09221	0.104098	2.31051	2.31051	2.92947	10.3053	3.12693	1
cg18280758	0.80818	0.873359	-1.145	0.00824978	0.152456	-6.55925	0.126521	0.398439	-2.50979	0.214935	0.483478	-2.06835	2.92947	14.3798	4.36326	1
cg19234412	0.0479396	0.487497	-2.05129	0.807647	0.925424	-1.08059	0.525433	0.815094	-1.22685	0.00324019	0.279184	-3.58187	2.92945	4.68406	1.4213	1
cg14192813	0.0833295	1.38706	1.38706	0.0132992	1.688	1.688	0.73045	1.06081	1.06081	0.0780176	0.715894	-1.39685	2.92943	1.35158	0.410115	1
cg26959235	0.381286	0.803527	-1.24451	0.00362427	0.383281	-2.60905	0.259776	0.750995	-1.33157	0.543804	1.16146	1.16146	2.92942	2.75296	0.835343	1
cg01566199	0.0197182	0.259874	-3.84803	0.0775403	0.3911	-2.55689	0.725861	0.844981	-1.18346	0.0822477	0.39806	-2.51218	2.92942	10.622	3.22309	1
cg02415470	0.188179	0.69316	-1.44267	0.527381	0.845101	-1.18329	0.0416656	1.8537	1.8537	0.819622	0.941737	-1.06187	2.92941	3.20475	0.972439	1
cg10082589	0.318128	0.812384	-1.23095	0.781271	0.945492	-1.05765	0.359701	0.827264	-1.2088	0.156668	0.737075	-1.35671	2.92941	1.88127	0.570848	1
cg26521129	0.0855755	0.472957	-2.11436	0.0919514	0.481439	-2.0771	0.453831	0.740343	-1.35073	0.255814	1.59583	1.59583	2.92937	7.20268	2.18558	1
cg19909787	0.425456	0.657023	-1.52202	0.321766	0.589615	-1.69602	0.00403483	7.33936	7.33936	0.998045	1.00127	1.00127	2.92937	12.3575	3.74977	1
cg10747192	0.0795761	0.236886	-4.22144	0.02115	0.128515	-7.78118	0.0167192	0.115103	-8.6879	0.0643095	0.214703	-4.65761	2.92936	25.4151	7.712	1
cg21405705	0.511803	1.14841	1.14841	0.03922	1.64247	1.64247	0.0885138	1.47818	1.47818	0.927713	0.981305	-1.01905	2.92934	2.00669	0.608916	1
cg12872489	0.820579	1.04508	1.04508	0.00182565	2.36266	2.36266	0.262387	1.25462	1.25462	0.524224	0.882255	-1.13346	2.92932	1.74799	0.530421	1
cg12737833	0.203794	0.572772	-1.7459	0.0597723	0.413724	-2.41707	0.308237	0.645207	-1.54989	0.19498	0.565777	-1.76748	2.9293	8.00874	2.43023	1
cg02925848	0.758504	0.922117	-1.08446	0.00865256	2.41102	2.41102	0.87352	1.04278	1.04278	0.0856844	0.606871	-1.6478	2.9293	3.2073	0.973248	1
cg01473955	0.648831	0.943756	-1.0596	0.642853	0.942743	-1.06073	0.151936	1.21386	1.21386	0.0022893	1.7132	1.7132	2.9293	0.739612	0.224434	1
cg20626249	0.637569	1.14082	1.14082	0.393161	0.784384	-1.27489	0.133172	1.56798	1.56798	0.475082	0.817374	-1.22343	2.92929	3.57617	1.08518	1
cg11257981	0.0637204	0.737049	-1.35676	0.180129	0.811921	-1.23165	0.924789	0.986274	-1.01392	0.505625	1.10392	1.10392	2.92926	0.993986	0.301626	1
cg21930712	0.69649	0.755942	-1.32285	0.485714	0.603135	-1.658	0.0445133	0.192663	-5.19042	0.268495	0.439278	-2.27646	2.92926	23.6351	7.17211	1
cg26132665	0.6996	1.07571	1.07571	0.862767	0.967958	-1.0331	0.0560654	1.50281	1.50281	0.849271	0.96482	-1.03646	2.92923	1.64381	0.498822	1
cg10131810	0.561251	1.30146	1.30146	0.689292	0.835052	-1.19753	0.132496	2.07114	2.07114	0.987424	1.00709	1.00709	2.92922	9.333	2.83215	1
cg09447007	0.0744515	1.39659	1.39659	0.0124446	0.592893	-1.68665	0.991541	1.00178	1.00178	0.854776	1.03127	1.03127	2.92919	1.31051	0.397686	1
cg01811187	0.388246	0.823266	-1.21467	0.0106453	0.493485	-2.0264	0.846608	1.04351	1.04351	0.0389536	0.591175	-1.69155	2.92919	2.24379	0.6809	1
cg08849150	0.677242	0.893388	-1.11933	0.17982	0.681355	-1.46766	0.130289	0.643968	-1.55287	0.139565	0.651685	-1.53448	2.92917	3.36508	1.02117	1
cg03570948	0.637809	1.14581	1.14581	0.871223	0.954498	-1.04767	0.418987	0.788956	-1.2675	0.512497	0.826401	-1.21007	2.92913	3.82255	1.16001	1
cg14411804	0.871581	0.94969	-1.05298	0.624516	0.85436	-1.17047	0.0409947	0.471182	-2.12232	0.0203374	0.409673	-2.44097	2.92906	4.723	1.4333	1
cg13926279	0.783359	0.972276	-1.02851	0.0205963	0.752392	-1.32909	0.428207	1.08601	1.08601	0.59064	1.05696	1.05696	2.92898	0.482763	0.146509	1
cg06438404	0.820865	0.9713	-1.02955	0.009043	0.653101	-1.53116	0.435132	0.902814	-1.10765	0.21222	1.18378	1.18378	2.92898	0.764741	0.232084	1
cg22830701	0.196436	0.544295	-1.83724	0.411814	1.45311	1.45311	0.898742	0.944882	-1.05833	0.392638	1.47697	1.47697	2.92894	9.19967	2.79196	1
cg00159400	0.21398	1.24083	1.24083	0.00367683	0.523302	-1.91094	0.818101	1.03872	1.03872	0.775562	1.04827	1.04827	2.92889	1.26162	0.382888	1
cg18703089	0.8205	0.973953	-1.02674	0.0184998	1.39339	1.39339	0.216418	0.8598	-1.16306	0.749724	0.963516	-1.03787	2.92889	0.625558	0.18985	1
cg08869547	0.299393	0.449871	-2.22286	0.00921354	0.0858407	-11.6495	0.301249	0.45135	-2.21558	0.0903994	0.250116	-3.99815	2.92889	25.5885	7.76585	1
cg13344237	0.870035	0.973968	-1.02673	0.0178171	0.628761	-1.59043	0.991314	0.998248	-1.00176	0.700181	0.939575	-1.06431	2.92888	1.20362	0.365286	1
cg25576788	0.811969	0.964492	-1.03681	0.0250376	0.667352	-1.49846	0.0648854	1.36958	1.36958	0.847926	0.971295	-1.02955	2.92887	1.06757	0.323999	1
cg17089486	0.909418	1.03111	1.03111	0.020103	2.12738	2.12738	0.58323	1.16087	1.16087	0.396897	1.26306	1.26306	2.92881	3.36176	1.02029	1
cg11602041	0.0109002	0.476558	-2.09838	0.172788	0.714294	-1.39998	0.886853	1.03357	1.03357	0.0140014	0.494763	-2.02117	2.92875	2.49454	0.757105	1
cg09381701	0.699581	1.05646	1.05646	0.021213	0.675465	-1.48046	0.0205243	0.673476	-1.48483	0.0983458	0.773551	-1.29274	2.92873	0.930489	0.282409	1
cg23941787	0.816451	0.866779	-1.1537	0.501261	0.657226	-1.52155	0.0800594	0.302953	-3.30084	0.405556	0.592583	-1.68753	2.92873	17.5387	5.32312	1
cg04006520	0.679121	1.16159	1.16159	0.0748802	0.489496	-2.04292	0.702683	1.14809	1.14809	0.392769	0.729597	-1.37062	2.92869	6.01477	1.82555	1
cg01410292	0.420606	0.858064	-1.16541	0.0146083	1.74974	1.74974	0.90918	0.978994	-1.02146	0.457797	0.868779	-1.15104	2.92868	1.60547	0.487278	1
cg25798413	0.22742	1.66742	1.66742	0.00261941	0.186139	-5.37232	0.0880236	0.467839	-2.13749	0.541441	0.77925	-1.28329	2.92867	7.55174	2.29205	1
cg10478199	0.0132753	1.60329	1.60329	0.690928	0.940372	-1.06341	0.531853	0.907177	-1.10232	0.0638504	1.37776	1.37776	2.92867	1.09769	0.333164	1
cg24413842	0.273513	0.494501	-2.02224	0.0268456	0.197803	-5.05554	0.773231	0.836487	-1.19548	0.247448	0.473649	-2.11127	2.92862	17.7134	5.37632	1
cg13555543	0.248054	0.820527	-1.21873	0.313125	1.18637	1.18637	0.0184178	1.59746	1.59746	0.0348524	1.49609	1.49609	2.92862	1.24459	0.377756	1
cg17560327	0.480063	0.913088	-1.09518	0.226362	1.17455	1.17455	0.358401	0.887263	-1.12706	0.0187055	1.43465	1.43465	2.92861	0.744026	0.225826	1
cg07090356	0.281888	0.552142	-1.81113	0.0975486	0.380765	-2.62629	0.0226339	0.234662	-4.26144	0.352554	0.601648	-1.6621	2.92858	13.0838	3.97124	1
cg10800953	0.0618689	3.04431	3.04431	0.00209196	9.89645	9.89645	0.0538323	3.18691	3.18691	0.643794	1.27957	1.27957	2.92856	13.0011	3.94616	1
cg00964918	0.661569	1.09312	1.09312	0.0349927	1.64316	1.64316	0.240247	1.28216	1.28216	0.00767697	0.500295	-1.99882	2.92854	1.89516	0.575231	1
cg16707262	0.0237022	0.191796	-5.21388	0.077816	0.301657	-3.31503	0.662366	0.764385	-1.30824	0.206645	0.442859	-2.25805	2.92853	17.3448	5.26463	1
cg07343612	0.00613069	0.57881	-1.72768	0.413808	1.13624	1.13624	0.955615	1.00855	1.00855	0.575529	0.917147	-1.09034	2.92853	1.08411	0.329056	1
cg22940988	0.0250963	0.673913	-1.48387	0.159264	1.24958	1.24958	0.541783	1.09579	1.09579	0.888838	0.979498	-1.02093	2.92845	1.01752	0.308855	1
cg06094203	0.132988	1.77309	1.77309	0.514381	1.26317	1.26317	0.938092	1.02783	1.02783	0.526054	1.25483	1.25483	2.9284	5.79001	1.7575	1
cg06083642	0.0434327	0.582367	-1.71713	0.517524	1.16502	1.16502	0.220786	1.34939	1.34939	0.266305	0.763663	-1.30948	2.92835	2.51331	0.762905	1
cg04617905	0.438335	0.81923	-1.22066	0.0143978	0.467274	-2.14007	0.0983742	0.633045	-1.57967	0.0480624	0.565559	-1.76816	2.92835	2.9506	0.895643	1
cg26280666	0.813014	0.902773	-1.1077	0.0953055	2.20577	2.20577	0.00635941	4.63278	4.63278	0.56681	1.2839	1.2839	2.92833	8.64149	2.62311	1
cg07042546	0.102888	0.444824	-2.24808	0.00897652	0.22123	-4.52018	0.464334	0.71312	-1.40229	0.0912861	0.429855	-2.32637	2.92832	9.55872	2.90154	1
cg07698196	0.150599	0.489551	-2.04269	0.00662626	0.19517	-5.12374	0.163145	0.501526	-1.99392	0.212237	0.543805	-1.83889	2.92829	9.96826	3.02589	1
cg01083093	0.677704	0.855778	-1.16853	0.872519	1.06167	1.06167	0.265531	1.54092	1.54092	0.145317	0.558363	-1.79095	2.92826	6.44031	1.95499	1
cg19177701	0.0719824	1.81026	1.81026	0.0167704	0.416739	-2.39958	0.827523	1.06544	1.06544	0.358646	1.31695	1.31695	3.18055	3.69761	1.01725	1
cg27351619	0.809893	0.875195	-1.1426	0.704623	1.2345	1.2345	0.120955	2.53499	2.53499	0.020641	4.67317	4.67317	2.92823	14.1895	4.30735	1
cg14647845	0.0472509	1.34623	1.34623	0.00306833	1.7005	1.7005	0.604474	1.07083	1.07083	0.770981	0.962496	-1.03897	2.92822	0.79541	0.241455	1
cg18522740	0.382486	0.69743	-1.43384	0.0255307	0.343793	-2.90873	0.247549	0.614819	-1.62649	0.35675	1.46428	1.46428	2.92821	7.50762	2.27901	1
cg14178794	0.569746	0.837676	-1.19378	0.285795	1.40747	1.40747	0.280469	0.707587	-1.41325	0.860656	0.947268	-1.05567	2.9282	4.40866	1.3383	1
cg13859511	0.0980951	1.37999	1.37999	0.00262134	2.09491	2.09491	0.146077	1.31914	1.31914	0.238432	1.24505	1.24505	2.9282	1.46118	0.44356	1
cg25203704	0.0032688	0.0612004	-16.3398	0.875431	1.1095	1.1095	0.915964	1.07241	1.07241	0.968816	1.02623	1.02623	3.22606	17.0636	5.28929	1
cg23700513	0.302624	2.35353	2.35353	0.0432554	6.44712	6.44712	0.0176448	10.1133	10.1133	0.00994903	13.5915	13.5915	2.92815	29.7953	9.04487	1
cg01064902	0.358328	1.23666	1.23666	0.696697	1.09209	1.09209	0.256929	0.766373	-1.30485	0.346272	1.24374	1.24374	2.92814	2.3453	0.711958	1
cg15926585	0.155902	0.309828	-3.2276	0.0499399	0.17806	-5.6161	0.0108334	0.0846	-11.8203	0.0599187	0.19431	-5.14641	2.92814	27.6257	8.3863	1
cg18057959	0.634481	0.754974	-1.32455	0.0418579	0.252479	-3.96072	0.983505	1.01221	1.01221	0.228023	0.475898	-2.10129	2.92814	15.9714	4.84841	1
cg25517187	0.5284	1.22248	1.22248	0.0849617	1.82042	1.82042	0.722094	0.893763	-1.11886	0.635474	1.16205	1.16205	2.92813	4.58701	1.39247	1
cg01825295	0.116768	0.175125	-5.71021	0.560881	0.548164	-1.82427	0.0465346	0.097228	-10.2851	0.0229313	0.0619114	-16.1521	2.92803	48.4731	14.7154	1
cg09399047	0.115728	1.35203	1.35203	0.0708509	0.700448	-1.42766	0.436133	1.15044	1.15044	0.83228	1.03812	1.03812	2.92801	1.443	0.438067	1
cg03802998	0.535682	1.18509	1.18509	0.417652	0.799105	-1.2514	0.922583	0.974025	-1.02667	0.773772	1.08116	1.08116	2.92801	3.39968	1.03208	1
cg23917638	0.336577	0.869858	-1.14961	0.0489987	1.37202	1.37202	0.289675	0.856714	-1.16725	0.0225621	0.680892	-1.46866	2.92796	0.918259	0.278771	1
cg01412518	0.817008	0.930615	-1.07456	0.152623	0.621705	-1.60848	0.836332	0.937838	-1.06628	0.50955	0.812561	-1.23068	2.92791	4.46332	1.35503	1
cg10077468	0.930515	1.07732	1.07732	0.970758	0.969183	-1.0318	0.534558	1.71103	1.71103	0.95836	1.04559	1.04559	2.96564	30.4432	10.2653	1
cg21020710	0.567649	1.0886	1.0886	0.0400983	0.705686	-1.41706	0.0957896	0.764265	-1.30845	0.0912762	1.3143	1.3143	2.9279	1.00137	0.304008	1
cg12992838	0.17214	1.41295	1.41295	0.409175	0.818094	-1.22235	0.153609	1.4382	1.4382	0.140672	1.45783	1.45783	2.9279	2.62344	0.796457	1
cg12491555	0.444913	0.779301	-1.2832	0.16989	0.626176	-1.59699	0.364533	1.34763	1.34763	0.233731	0.67049	-1.49145	2.92785	4.75424	1.44338	1
cg02102829	0.0700388	0.627085	-1.59468	0.00988912	0.47191	-2.11905	0.456318	1.191	1.191	0.298342	1.28194	1.28194	2.92785	2.46148	0.747299	1
cg21524424	0.0146919	0.327414	-3.05424	0.0644882	0.462046	-2.16429	0.145084	0.558939	-1.7891	0.169931	0.580757	-1.72189	2.92782	6.40805	1.94549	1
cg09615719	0.594202	1.33974	1.33974	0.379574	0.612458	-1.63277	0.599248	1.3343	1.3343	0.415387	1.57269	1.57269	2.92778	13.7176	4.16473	1
cg04690347	0.0921937	0.675419	-1.48056	0.642999	1.10387	1.10387	0.0653542	0.645351	-1.54954	0.374578	0.82452	-1.21283	2.92775	2.0784	0.63102	1
cg24089936	0.137748	0.52464	-1.90607	0.0549724	0.415507	-2.4067	0.188932	0.570239	-1.75365	0.793083	0.89934	-1.11193	2.92773	7.5522	2.29293	1
cg08023962	0.314903	1.61101	1.61101	?	?	?	0.0237125	0.289683	-3.45205	0.308532	1.62194	1.62194	2.96546	8.7903	2.96423	1
cg20980021	0.0146889	4.35408	4.35408	0.588719	1.30652	1.30652	0.0816409	2.57326	2.57326	0.61864	0.782092	-1.27862	2.92772	11.1231	3.37709	1
cg13695933	0.905817	1.04382	1.04382	0.229959	1.5784	1.5784	0.0941413	1.94816	1.94816	0.497034	1.28385	1.28385	2.92768	6.08833	1.84851	1
cg22696358	0.657751	0.905015	-1.10495	0.0178442	1.90519	1.90519	0.132827	1.43766	1.43766	0.340717	1.2458	1.2458	2.92767	2.32333	0.705403	1
cg05368971	0.0371197	0.216031	-4.62897	0.00783692	0.115248	-8.67693	0.309633	0.513911	-1.94586	0.0533045	0.249073	-4.01489	2.92766	18.5888	5.6439	1
cg27167602	0.329133	0.838787	-1.1922	0.0108368	0.572052	-1.74809	0.259541	0.8144	-1.2279	0.279579	0.821838	-1.21678	2.92764	1.4127	0.428924	1
cg00169737	0.0720667	0.344265	-2.90474	0.113054	0.400115	-2.49928	0.190923	0.479258	-2.08656	0.70329	0.816075	-1.22538	2.92763	13.0796	3.97125	1
cg05956679	0.246399	0.373384	-2.67821	0.0105825	0.0733104	-13.6406	0.959421	1.04222	1.04222	0.310834	0.426473	-2.34481	2.92751	30.6238	9.29841	1
cg06427772	0.870716	0.86809	-1.15195	0.630299	0.656266	-1.52377	0.0302566	0.109428	-9.13843	0.755252	0.762176	-1.31203	2.92749	34.973	10.619	1
cg10727661	0.506382	1.15272	1.15272	0.693231	1.08717	1.08717	0.863299	1.037	1.037	0.0758362	0.659323	-1.51671	2.92745	2.06047	0.625641	1
cg02229516	0.497187	0.931809	-1.07318	0.18442	0.865669	-1.15518	0.627602	1.05136	1.05136	0.184125	1.1553	1.1553	2.92743	0.486761	0.147801	1
cg02764370	0.507199	1.11308	1.11308	0.0680746	0.722299	-1.38447	0.0541152	1.41629	1.41629	0.25415	1.20875	1.20875	2.9274	1.1753	0.356873	1
cg05979400	0.91305	0.958543	-1.04325	0.00812333	0.268847	-3.71959	0.0143052	0.310085	-3.22492	0.0701551	0.456221	-2.19192	2.92739	6.96689	2.11547	1
cg23891049	0.75014	0.83646	-1.19551	0.873999	1.09276	1.09276	0.921037	1.05698	1.05698	0.959322	0.971894	-1.02892	2.92737	14.4841	4.39806	1
cg23075558	0.0411756	0.42269	-2.3658	0.480155	0.769226	-1.30001	0.236445	1.57378	1.57378	0.750665	0.889997	-1.1236	2.92736	6.19546	1.88124	1
cg19567295	0.534606	1.15765	1.15765	0.0118335	0.481171	-2.07826	0.501693	0.853236	-1.17201	0.0990174	0.656403	-1.52345	2.92736	2.51201	0.762769	1
cg12438576	0.31411	1.20841	1.20841	0.937324	0.985801	-1.0144	0.572407	0.901468	-1.1093	0.463366	1.14538	1.14538	2.92734	1.5331	0.465527	1
cg07660494	0.152987	0.481252	-2.07791	0.0243992	0.277553	-3.60291	0.691996	0.826729	-1.20959	0.0488824	0.341366	-2.92941	2.92734	10.5878	3.21499	1
cg01679528	0.00285076	0.568049	-1.76041	0.118545	0.791853	-1.26286	0.0982139	0.778956	-1.28377	0.143936	0.805551	-1.24139	2.92733	0.879457	0.267049	1
cg22497008	0.437061	1.24994	1.24994	0.0461025	0.525644	-1.90243	0.455111	0.80728	-1.23873	0.0237968	0.468051	-2.13652	2.92729	3.67125	1.1148	1
cg14769792	0.114105	0.467299	-2.13996	0.244136	0.583118	-1.71492	0.474912	0.72497	-1.37937	0.0735025	0.413443	-2.41871	2.92729	9.08333	2.75821	1
cg10425506	0.0372297	1.77793	1.77793	0.380568	1.23866	1.23866	0.6835	1.10246	1.10246	0.563978	1.14889	1.14889	2.92728	2.62521	0.797164	1
cg07599484	0.165966	1.82476	1.82476	0.0391268	2.64311	2.64311	0.441161	1.37682	1.37682	0.434667	0.72287	-1.38337	2.92728	7.68445	2.33344	1
cg17101920	0.459256	0.890999	-1.12234	0.00857095	0.598344	-1.67128	0.0435994	0.700931	-1.42667	0.0387153	0.693051	-1.4429	2.92725	1.08752	0.330236	1
cg09416188	0.148562	0.420977	-2.37543	0.0111969	0.169517	-5.8991	0.114853	0.383895	-2.60488	0.0898127	0.351997	-2.84093	2.92724	14.454	4.38912	1
cg03266780	0.132905	0.314718	-3.17745	0.335155	0.492288	-2.03133	0.369649	1.9289	1.9289	0.298227	0.46354	-2.15731	2.92724	23.571	7.15759	1
cg01962062	0.00589757	0.367764	-2.71913	0.348382	0.764854	-1.30744	0.230889	0.705414	-1.41761	0.162767	0.661175	-1.51246	2.92724	3.57439	1.0854	1
cg10606694	0.361278	0.79141	-1.26357	0.28532	0.75833	-1.31869	0.927615	1.02291	1.02291	0.835167	1.05331	1.05331	2.92723	2.88087	0.874813	1
cg15472739	0.284478	3.02128	3.02128	0.0948516	6.20591	6.20591	0.0128433	21.6015	21.6015	0.0115118	23.1756	23.1756	2.92719	45.8486	13.9227	1
cg05771767	0.359874	0.840313	-1.19003	0.402065	0.853423	-1.17175	0.843271	1.03726	1.03726	0.0667377	0.683921	-1.46216	2.92718	1.58356	0.480874	1
cg00497967	0.197296	0.851467	-1.17444	0.0568687	0.775497	-1.2895	0.484119	0.919535	-1.08751	0.469692	1.09065	1.09065	2.92717	0.645245	0.19594	1
cg12614633	0.506861	0.911315	-1.09732	0.0347409	1.40414	1.40414	0.174361	1.2205	1.2205	0.20348	1.20335	1.20335	2.92717	0.881652	0.26773	1
cg13510707	0.0269912	0.719336	-1.39017	?	?	?	0.168966	0.831642	-1.20244	0.135651	1.22421	1.22421	2.96489	0.660456	0.222759	1
cg01063935	0.551446	0.744969	-1.34234	0.0156737	0.235204	-4.25163	0.403379	0.658494	-1.51862	0.806978	0.887272	-1.12705	2.92716	11.0674	3.36084	1
cg00650640	0.139871	0.127819	-7.82358	0.271529	4.40341	4.40341	0.0042616	141.558	141.558	0.191077	6.00592	6.00592	2.92716	77.7528	23.6112	1
cg27325152	0.166295	0.530942	-1.88345	0.0789007	0.433049	-2.30921	0.278587	0.616785	-1.62131	0.604612	0.799278	-1.25113	2.92714	8.5292	2.59008	1
cg15844005	0.055168	0.490933	-2.03694	0.219835	0.655594	-1.52533	0.356824	1.36361	1.36361	0.20339	0.644444	-1.55173	2.92709	4.96483	1.5077	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06310146	CMIP	0.0726228	0.215281	1.31094	0.31694	1.3094	0.054444	-1.11677	0.951316	0.987195	-1.01297	0.947289	0.609287	-1.64126	0.0460747	0.617251	-1.62209	0.96572	1.00885	0.0860376	0.49246	1.49246	0.0195577	1.65281	1.65281	0.592092	0.802113	-1.12093	2.92708	2.06538	0.627209	1
cg06800942	C2orf81;C2orf81	0.0726232	0.0940364	0.657115	-1.5218	0.68664	1.12499	1.12499	0.631367	0.896781	-1.1151	0.991683	0.818607	-1.22159	0.00816106	0.462012	-2.16444	0.0548494	0.608573	-1.64319	0.0147456	0.504357	-1.98272	0.737054	0.926024	-1.07989	0.280519	0.774271	-1.29154	2.92708	2.41136	0.732276	1
cg23713813	CLIC4;CLIC4	0.0726237	0.105985	0.716862	-1.39497	0.00982317	0.540461	-1.85027	0.939952	0.985897	-1.0143	0.498314	0.878444	-1.13838	0.927575	1.01729	1.01729	0.00575069	0.505399	-1.97863	0.995552	0.99895	-1.00105	0.985122	1.00352	1.00352	0.661866	0.920382	-1.08651	2.92707	1.64776	0.50209	1
cg05485437	IGFBP5	0.0726249	0.387543	0.7786	-1.28436	0.201841	1.46348	1.46348	0.446063	0.810121	-1.23438	0.501496	1.2126	1.2126	0.0019472	2.389993	1.449336	0.765486	0.918948	-1.0882	0.549547	0.842741	-1.1866	0.609911	0.864967	-1.1565	0.33032	0.752884	-1.32823	2.92705	3.70134	1.12403	1
cg14775751	ANXA11;ANXA11;ANXA11	0.0726251	0.38327	1.14023	1.14023	0.3993307	1.30367	1.30367	0.209912	0.823703	-1.21403	0.302667	0.854947	-1.16966	0.785925	0.960829	-1.04077	0.219025	0.827181	-1.20893	0.0157675	0.647776	-1.54374	0.891975	1.02014	1.02014	0.0499932	1.38828	1.38828	2.92705	0.99869	0.303283	1
cg26091928	FLYWCH2;FLYWCH2;FLYWCH2	0.0726252	0.151258	1.22514	1.22514	0.16734	1.21452	1.21452	0.0258684	1.14809	1.14809	0.133879	0.807781	-1.12736	0.191758	1.20018	1.20018	0.369951	0.885526	-1.12927	0.917356	1.0138	1.0138	0.661903	0.757508	-1.31996	0.318949	0.872841	-1.14568	2.927	0.808232	0.245449	1
cg02972768	MICAL3	0.0726285	0.41096	2.0176	2.0176	0.0024331	33.8818	33.8818	0.0818346	5.00205	5.00205	0.912127	1.09654	1.09654	0.533809	1.6923	1.6923	0.615004	1.52709	1.52709	0.257449	0.372829	-2.68219	0.188189	3.20315	3.20315	0.999138	1.0009	1.0009	2.92699	32.3096	9.81199	1
cg01002254	RPS6KA2;RPS6KA2	0.0726319	0.63586	1.31445	1.31445	0.212095	0.472858	-2.1148	0.875543	1.09342	1.09342	0.20879	0.203879	0.0531068	0.241314	-4.13541		0.0874962	0.341337	-2.92965	0.00915638	0.151678	-6.59292	0.741297	1.20777	1.20777	0.461685	0.652479	-1.53262	2.92694	15.0511	4.57091	1
cg06461306	PRKAR1B;PRKAR1B;HEATR2;PRKAR1B	0.0726324	0.110455	0.477295	-2.09514	0.393412	0.689538	-1.45025	0.286076	1.60172	1.60172	0.379329	0.681478	-1.4674	0.124733	2.0273	2.0273	0.620247	0.80865	-1.23663	0.0110932	0.258172	-3.87339	0.056824	0.399881	-2.50074	0.15766	0.526012	-1.9011	2.92693	8.38135	2.54536	1
cg23254346	ELAC2;ELAC2;ELAC2	0.0726326	0.611267	1.09205	1.09205	0.35835	1.1825	1.1825	0.0387762	1.26555	1.26555	0.655709	1.3005	1.3005	0.0139054	0.617217	-1.62009	0.0331771	0.637968	-1.56748	0.0181861	1.02012	1.02012	0.397588	1.21157	1.21157	0.0889942	0.716498	-1.39568	2.92692	1.46434	0.44471	1
cg18591136	RGS10;RGS10	0.0726358	0.230955	0.75961	-1.31646	0.6926331	0.641009	-1.56004	0.0213169	0.545826	-1.83209	0.144396	1.40926	1.40926	0.0355757	0.585485	-1.70799	0.426096	0.837091	-1.19461	0.166606	1.38084	1.38084	0.51094	0.864249	-1.15707	0.601026	0.890968	-1.12237	2.92687	2.21928	0.673993	1
cg02875187	NCAM1;NCAM1;NCAM1	0.0726362	0.250428	0.830433	-1.20417	0.0243456	1.48633	1.48633	0.86849	1.02477	1.02477	0.275946	0.845598	-1.18259	0.541548	0.913197	-1.09505	0.129415	0.790383	-1.26535	0.0206042	0.665552	-1.51137	0.448227	1.12091	1.12091	0.307863	1.16869	1.16869	2.92687	1.01101	0.307043	1
cg05855489	C10orf26	0.0726364	0.362536	1.13622	1.13622	0.0175875	2.44657	2.44657	0.044729	2.05946	2.05946	0.2112156	1.50234	1.50234	0.0141008	2.289993	2.55579	0.673094	0.876843	-1.14045	0.593621	0.845973	-1.18207	0.106638	1.72568	1.72568	0.876007	0.952791	-1.04955	2.92686	4.44639	1.35037	1
cg24357276	HIPK1;HIPK1	0.0726366	0.0172276	1.51816	1.51816	0.556602	1.08931	1.08931	0.216296	1.20586	1.20586	0.164804	1.23763	1.23763	0.701225	0.946048	-1.05703	0.820884	0.967901	-1.03316	0.0203391	0.668738	-1.49535	0.555418	0.917772	-1.0896	0.184279	1.2246	1.2246	2.92686	0.959462	0.291389	1
cg05721538	SSX8L1;PAGE1	0.0726378	0.00291221	-3.98883	-3.98883	0.0207971	0.435973	-2.29372	0.53835	0.830988	-1.20425	0.434972	1.26825	1.26825	0.519423	0.8266	-1.21062	0.474515	0.805727	-1.24112	0.359169	0.754823	-1.32481	0.652244	0.873424	-1.14492	0.568351	0.841965	-1.18777	2.92684	0.820232	0.245449	1
cg15539879	KITLG;KITLG	0.0726391	0.411355	0.783919	-1.27564	0.415555	1.27274	1.27274	0.0720989	0.5589	-1.78923	0.507095	1.21538	1.21538	0.00550558	0.347304	-2.87932	0.513797	1.21155	1.21155	0.499512	0.819832	-1.21976	0.124441	1.61948	1.61948	0.957345	1.01562	1.01562	2.92682	3.89338	1.18244	1
cg04276951	KCNN4	0.0726409	0.0465039	0.41962	-2.3813	0.315106	0.673256	-1.48532	0.109103	0.51404	-1.94537	0.607058	0.857063	-1.16678	0.0737906	0.389026	-2.57029	0.0101155	0.290605	-1.4431	0.0240914	0.359848	-2.78092	0.0947297	0.490857	-2.01265	0.283759	0.654328	-1.52828	2.92679	6.72411	2.04217	1
cg15799397	LCN10	0.0726433	0.05700304	0.6433	0.6433	0.0908301	0.456693	-2.18956	0.0902901	0.74102	-1.34989	0.0210124	0.288092	-1.45911	0.0123124	0.360355	-2.77504	0.44635	0.741602	-1.34843	0.0797973	0.472807	-2.11503	0.0667423	0.45283	-2.20785	0.0194986	0.961792	-1.03973	2.92675	6.68162	2.09003	1
cg10894076	ANO4	0.0726438	0.296248	0.629923	-1.5875	0.558297	1.28739	1.28739	0.701687	1.17849	1.17849	0.354973	0.666276	-1.50088	0.00426652	0.195619	-5.11198	0.351137	0.66399	-1.50605	0.481968	0.737147	-1.35658	0.0170109	0.288877	-3.46168	0.235558	0.588334	-1.69972	2.92674	8.44053	2.5635	1
cg03934807	RGPD8;RGPD5	0.0726493	0.0958966	0.368264	-2.71496	0.0390587	0.153566	-6.5125	0.0270717	0.295134	-3.38853	0.48168	0.640961	-1.56035	0.0863556	0.514102	-3.01978	0.0358809	0.276186	-3.62006	0.0139855	0.154171	-6.48663	0.0178994	0.290937	-3.43555	0.0173718	0.529483	-1.88863	2.92665	17.1859	5.21973	1
cg16213072	SPTLC2	0.0726504	0.416217	0.82253	-1.21576	0.160098	1.42316	1.42316	0.567616	1.14549	1.14549	0.194896	0.724423	-1.38041	0.0447347	0.410192	-2.43788	0.643905	1.11566	1.11566	0.395988	1.22677	1.22677	0.312851	1.2782	1.2782	0.321254	0.785884	-1.27245	2.92663	2.56241	0.778265	1
cg20956738	ONECUT2	0.0726507	0.246007	0.79748	-1.25411	0.0184686	0.155003	0.45151	0.0824662	0.389192	-2.56953	0.0419438	0.180674	-1.1898	0.0178405	0.152676	-6.55008	0.188461	0.797138	-1.25448	0.0400004	0.332326	1.03126	0.0596106	0.112099	0.0958502	1.0392	1.0392	0.0958502	1.0392	25.3091	7.62489	1
cg11207560	SMOC2;SMOC2	0.0726517	0.785235	0.937927	-1.06618	0.0906339	1.54864	1.54864	0.862515	1.0415	1.0415	0.195599	1.37867	1.37867	0.008797	0.45717	2.18737	0.587934	1.13695	1.13695	0.086883	1.55831	1.55831	0.381939	0.810279	-1.23414	0.329331	0.789634	-1.26641	2.92661	2.55125	0.77488	1
cg09483763	ACER3	0.0726525	0.0252316	0.246692	-4.05365	0.92911	1.04791	1.04791	0.144086	0.43807	-2.28274	0.085813	0.368408	-2.71438	0.0113343	0.199403	-5.01496	0.0619477	0.331035	-3.02083	0.720969	0.828094	-1.20759	0.612915	1.12265	1.12265	0.0411719	0.289675	-3.45214	2.9266	12.822	3.89439	1
cg13450310	KIAA0754;MACF1;MACF1	0.0726561	0.0725655	0.778992	-1.28403	0.0769473	0.828046	1.20756	0.0524724	0.93313	-1.07153	0.132676	0.537783	1.85938	0.0134023	1.54833	1.54833	0.694448	1.11492	1.11492	0.0159528	1.53256	1.53256	0.0395793	1.92674	1.92674	0.0198027	1.45478	1.45478	2.92654	3.5188	1.06878	1
cg21735093	FLCN;FLCN	0.0726589	0.0027796	0.434617	-2.30087	0.329486	1.22545	1.22545	0.424675	1.17905	1.17905	0.170023	1.34347	1.34347	0.401108	1.18961	1.18961	0.784322	0.946083	-1.05699	0.982732	1.00438	1.00438	0.600107	0.898545	-1.11279	0.558703	1.1269	1.1269	2.9265	1.8917	0.574583	1
cg26255447	GPR177;GPR177	0.0726592	0.404054	1.13721	1.13721	0.0312432	1.03339	1.03339	0.132605	1.2831	1.2831	0.681814	1.00405	1.00405	0.0874084	0.752702	-1.32855	0.92955	1.01341	1.01341	0.444859	0.85276	-1.17226	0.743125	1.04852	1.04852	0.817307	0.954057	-1.04753	2.9263	1.05112	0.319166	1
cg06632794	ZNF697	0.0726602	0.741849	1.05667	1.05667	0.120059	1.32471	1.32471	0.193991	0.795215	-1.25752	0.492752	0.800333	-1.12318	0.432801	0.875048	-1.14279	0.338126	0.848192	-1.17898	0.0025748	0.498225	-2.00712	0.580796	0.91119	-1.09747	0.952959	0.990211	-1.00989	2.92647	1.28865	0.391416	1
cg15974272	KCNQ1	0.0726629	7	7	7	0.15534	2.40118	2.40118	0.0676356	3.25252	3.25252	0.244111	0.495575	-2.01786	0.354208	1.73171	1.73171	0.885681	1.08641	1.08641	0.0327086	1.42897	1.42897	7	7	0.0834009	0.331524	-3.01637	3.01101	12.3099	4.67232	1
cg26929355	WWP2;WWP2	0.0726631	0.865355	0.960162	-1.04149	0.102056	1.53512	1.53512	0.616443	0.886048	-1.12861	0.290737	0.726881	-1.37574	0.157958	0.690614	-1.43567	0.297036	0.771288	-1.29562	0.00691995	0.231008	2.31008	0.270986	0.759925	-1.31592	0.808619	0.945329	-1.05985	2.92643	2.60963	0.807849	1
cg02134705	WWTR1 TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPA	0.0726634	0.258134	0.699943	-1.42869	0.599373	0.85192	-1.17382	0.585598	1.18111	1.18111	0.0225823	0.437956	-2.28333	0.0821359	1.79018	1.79018	0.38574	0.76426	-1.30845	0.0126244	0.206312	2.06317	0.156148	1.58201	1.58201	0.502774	1.22829	1.22829	2.92642	4.23677	1.2869	1
cg06179011	N4;PCBLR1;TSPAN4;TSPAN4	0.0726655	0.038326	2.36882	2.36882	0.0146444	2.94438	2.94438	0.0925866	1.94451	1.94451	0.976204	1.01077	1.01077	0.0968134	1.92498	1.92498	0.0460792	2.27338	2.27338	0.217806	0.627627	-1.5933	0.308254	1.4607	1.4607	0.621463	1.19582	1.19582	2.92639	5.98318	1.81739	1
cg12757011	TBR1	0.0726663	0.0499926	3.08256	3.08256	0.198059	1.98107	1.98107	0.498581	0.70805	-1.41233	0.804716	0.882945	-1.13257	0.577407	0.32995	3.02995	0.060949	0.345974	-2.89039	0.356736	1.61018	1.61018	0.0108479	4.99128	4.99128	0.636969	0.787495	-1.26985	2.92638	11.7048	3.55535	1
cg09703552	ALX4	0.0726665	0.488886	2.16453	2.16453	0.0178564	1.56163	1.56163	0.0624667	1.46131	1.46131	0.0389192	1.31848	1.31848	0.0155082	2.06056	2.06056	0.817707	1.08807	1.08807	0.0296506	1.32104	1.32104	0.0205441	2.20074	2.20074	0.00654419	2.45783	2.45783	2.92637	14.3066	4.89357	1
cg10203034	PSD	0.0726684	0.18038	1.45792	1.45792	0.120154	1.56334	1.56334	0.0216251	0.886585	-1.1278	0.294771	0.749769	-1.33374	0.0245375	2.03384	2.03384	0.159563	0.671422	-1.48938	0.0472576	1.82514	1.82514	0.0674413	1.7213	1.7213	0.415945	1.24653	1.24653	2.92634	3.2556	0.988904	1
cg16856100	TBC1D5;TBC1D5	0.0726705	0.0107165	0.58215	0.58215	0.0107165	1.44844	1.44844	0.0344688	2.5824	2.5824	0.217511	1.64759	1.64759	0.0211906	2.344415	2.90347	0.432604	0.85276	-1.17226	0.743125	1.68652	1.68652	0.0151884	1.10842	1.10842	0.817307	0.954057	-1.04753	2.9263	1.78978	0.519166	1
cg20982735	PSKH2	0.0726725	0.0501268	7.32084	7.32084	0.00675611	22.8649	22.8649	0.107137	4.79509	4.79509	0.306016	2.57186	2.57186	0.345306	2.37818	2.37818	0.263451	1.82656	1.82656	0.0132424	4.25114	4.25114	0.0142694	4.74862	4.74862	0.129002	4.31526	4.31526	2.92627	16.8182	11.184	1
cg10456203	RGNEF	0.0726732	0.260867	1.3814	1.3814	0.0693218	1.75043	1.75043	0.912063	1.03091	1.03091	0.598648	1.1576	1.1576	0.542412	0.843748	-1.18519	0.0904283	1.67206	1.67206	0.00977361	0.40649	-2.46008	0.145511	1.53823	1.53823	0.54014	1.18635	1.18635	2.92626	3.51843	1.06877	1
cg19075717	CACNA1G;CACNA1G;CACNA1G;CACNA 1G;CACNA1G;CACNA1G;CACNA1G;CAC NA1G;CACNA1G;CACNA1G;CACNA1G	0.0726732	0.0726676	0.300597	-3.32671	0.123462	0.367323	-2.7224	0.696834	0.790569	-1.26491	0.456307	0.634203	-1.57678	0.0168397	0.173685	-5.75756	0.0719234	0.299441	-3.33956	0.0105496	0.144988	-6.8971	0.0463858	0.254231	-3.93342	0.16609	0.412125	-2.42645	2.92626	16.6971	5.07194	1
cg22747490	PGS1	0.0726733	0.0052596	0.630498	-1.58605	0.00575188	0.506198	-1.97551	0.26731	0.804629	-1.24281	0.190542	1.29789	1.29789	0.02907	0.981427	-1.01892	0.797113	0.952695	-1.04965	0.948598	1.0122	1.0122	0.813233	0.956457	-1.04552	0.0880203	0.701784	-1.42494	2.92626	1.63982	0.498116	1
cg24202468	STS1;STS1;STS1	0.0726738	0.0040917	0.731968	-1.36649	0.0444105	0.187683	-5.32872	0.0129968	0.670449	-1.49217	0.0169	0.0964057	-2.07169	0.0178545	0.0902492	-4.44271	0.827179	1.17065	1.17065	0.0139737	0.440521	-2.27049	0.0541375	1.22656	1.22656	0.0278633	0.429683	-2.32729	0.0425	2.92625	4.89574	1.48715	1
cg22349506	RGS20	0.0726744	0.0967102	0.699107	-1.4304	0.0149393	1.81112	1.81112	0.578153	1.11658	1.11658	0.947975	0.987272	-1.01289	0.634573	0.910287	-1.09855	0.77301	1.05841	1.05841	0.0241258	0.588836	-1.69539	0.405947	0.842682	-1.18164	0.195575	0.766403	-1.3048	2.92624	1.78596	0.542512	1
cg19421526	CRTAC1	0.0726753	0.0854748	0.578363	-1.72931	0.236027	0.495384	-2.01844	0.116661	0.83396	-1.19966	0.0471193	1.92395	1.92395	0.0014917	0.451192	-2.21579	0.0830583	0.773456	-1.29283	0.0130083	0.173128	-5.77483	0.0135106	0.0664315	0.552313	-1.81117	0.0880683	0.172815	-5.78681	2.92623	3.18488	1.09765	1
cg21342728	MCHR1	0.0726778	0.070105	0.456666	-2.18979	0.243026	0.623203	-1.60461	0.589572	1.23648	1.23648	0.360174	1.43927	1.43927	0.272375	0.642607	-1.55616	0.881029	0.95968	0.95968	0.0578927	0.246767	-4.0524	0.121622	0.52227	-1.91472	0.326198	0.480949	1.48049	2.92619	0.94368	2.10928	1
cg19594194	RPAP1	0.0726787	0.171325	0.605301	-1.65209	0.407	0.645634	-1.17006	0.747308	1.79842	1.79842	0.0189937	0.372367	-2.68505	0.0974409	0.466661	-2.14266	0.676272	1.14641	1.14641	0.0775154	1.10429	1.10429	0.465104	0.724705	-1.38056	0.0293285	0.690691	-1.44783	2.92617	5.54599	1.66475	1
cg14482671	C1orf114	0.0726797	0.98926	1.00248	1.00248	0.0219345	1.65697	1.65697	0.0097272	0.82343	0.82343	0.297313	1.04841	1.04841	0.613516	1.09807	1.09807	0.374834	0.847051	-1.18057	0.143036	0.83574	-1.19654	0.947132	0.837084	-1.19462	0.127065	1.15408	1.15408	2.92616	1.56377	0.475031	1
cg17149431	PRDX1;PRDX1;PRDX1	0.0726798	0.00969344	0.447924	-2.23252	0.772814	0.137662	1.07362	0.871641	1.04048	1.04048	0.858027	1.04492	1.04492	0.00744065	0.429243	-2.32968	0.148042	0.683295	-1.4635	0.247539	0.743261	-1.34542	0.870162	1.04096	1.04096	0.431783	0.821268	-1.21763	2.92615	2.79126	0.847911	1
cg00170295	LOC100287718	0.0726825	0.113875	0.554914	1.80208	0.0243824	1.16213	1.16213	0.158455	1.16463	1.16463	0.0248467	1.31848	1.31848	0.0155082	0.484135	-2.06013	0.0944718	0.732553	1.36575	0.0159528	0.587505	1.70211	0.0155504	0.947651	0.947651	0.912384	0.92024	0.92024	2.92615	0.54186	0.16044	1
cg18288967	PRDX1;PRDX1;PRDX1	0.0726831	0.275619	1.41708	1.41708	0.945171	1.02136	1.02136	0.412167	1.29399	1.29399	0.509813	0.50496	-1.98035	0.0221905	0.43053	-2.32272	0.0237541	2.29234	2.29234	0.883963	0.956105	-1.04591	0.559539	1.19886	1.19886	0.671842	1.13993	1.13993	2.9261	4.37823	1.33001	1
cg27611263	THUMPD2;THUMPD2	0.0726832	0.371226	0.70344	-1.42162	0.152077	1.44844	1.44844	0.0344688	2.5824	2.5824	0.217511	1.64759	1.64759	0.0211906	2.344415	-2.90347	0.279958	1.54638	1.54638	0.163987	0.889445	-1.1243	0.138088	1.84723	1.84723	0.154338	0.794472	-1.2587	2.9261	0.85796	0.228311	1
cg04844549	KIF3A;KIF3A;KIF3A	0.0726837	0.761276	0.939172	-1.06477	0.0488246	1.59152	1.59152	0.297023	1.24042	1.24042	0.539039	1.16666	1.16666	0.1	0.744502	-1.34307	0.103585	0.693069	-1.44286	0.0197925	0.755578	1.32449	0.826885	0.955892	-1.04614	0.0161957	0.545651	-1.83267	2.96379	1.7609	0.597174	1
cg23099740	SLC7A8	0.0726844	0.274549	1.25424	1.25424	0.118431	0.565707	-1.7677	0.114879	0.710621	-1.40722	0.482138	0.867322	-1.15297	0.276554	0.79811	-1.25296	0.627617	0.907193	-1.1023	0.0174747	0.561908	-1.77965	0.0280894	0.596199	-1.67673	0.285882	0.801843	-1.24713	2.92608	1.83988	0.558025	1
cg23447789	DPH1;DNAJD1;DPH1	0.0726857	0.86047	1.04997	1.04997	0.0198883	1.37093	1.37093	0.0161467	0.474709	-2.10655	0.31084	0.7849	-1.27392	0.0197599	0.344415	-2.90347	0.732702	1.12855	1.12855	0.0127288	0.552123	1.8113	1.8113	0.0155221	2.46077	2.46077	0.0202049	1.59123	1.05123	2.92607	0.85796	0.228311	1
cg08510456	BSN	0.0726874	0.332473	0.632224	-1.58172	0.00552966	0.323663	0.323663	0.148245	2.03653	2.03653	0.388554	1.49971	1.49971	0.908057	0.948395	-1.05441	0.715317	1.18292	1.18292	0.0701158	0.395101	2.531	0.364627	0.652313	-1.53301	0.855526	1.08718	1.08718	2.92603	9.74682	2.96095	1
cg17116694	EPST1;EPST1	0.0726881	0.1116	0.668399	-1.49611	0.0198025	1.00057	1.00057	0.0984346	0.613788	-1.62923	0.530379	0.864945	-1.15614	0.0191708	0.523642	-1.9097	0.271582	0.770079	-1.29857	0.144672	1.47204	1.47204	0.0112608	0.753201	-1.32767	0.0208622	0.553075	-1.80807	2.92602	2.40483	0.731995	1
cg25738497	ANKRD6	0.0726909	0.0197237	0.182696	-5.47358	0.16078	0.404829	-2.47018	0.12026	0.36156	-2.7658	0.652447	1.31477	1.31477	0.0085285	0.13184	-7.58493	0.198898	0.440668	-2.26928	0.122451	0.364084	-2.74662	0.865942	1.10737	1.10737	0.0940717	0.329165	-3.03803	2.92597	16.8856	5.12972	1
cg08631151	RPRM;L	0.0726914	0.353423	1.1695	1.1695	0.397485	0.867557	-1.15266	0.0314362	1.51261	1.51261	0.091076	1.35692	1.35692	0.977935	1.00455	1.00455	0.340781	0.967553	-1.03354	0.0144075	0.609222	-1.63982	0.71372	0.941365	-1.06229	0.206287	1.24435	1.24435	2.92597	1.24619	0.378584	1
cg20662162	CACNA1H;CACNA1H	0.0726928	0.635393	1.07994	1.07994	0.55925	1.03459	1.03459	0.0977	0.0977	0.0977	0.0977	1.34918	1.34918	0.0144241	1.39043	1.39043	0.0906087	1.14241	1.14241	0.0750249	0.473566	1.1723	1.1723	0.0113411	1.38443	1.38443	0.0947623	1.07957	1.07957	0.0294954	0.0210357	1.02357	2.92594	0.560585	0.174082	1
cg23080667	STK35; FAM119B;METTL1;METTL1;METTL1;ME	0.0726929	0.150099	0.839633	-1.191	0.0683509	0.793581	-1.26011	0.294117	1.13121	1.13121	0.479908	1.08476	1.08476	0.0706536	0.79544	-1.25717	0.750725	1.03677	1.03677	0.0106582	0.695072	-1.4387	0.509276	1.0788	1.0788	0.444745	1.09227	1.09227	2.92594	0.594792	0.180695	1
cg14797322	TTLL7;FAM119B	0.0726935	0.629284	1.07781	1.07781	0.340805	0.859664	-1.16325	0.492327	1.1134	1.1134	0.786446	1.04272	1.04272	0.566403	1.09338	1.09338	0.520027	0.904428	-1.10567	0.0930977	0.752332	-1.3292	0.0162464	1.57268	1.57268	0.0155891	1.57905	1.57905	2.92593	1.0996	0.334055	1
cg26191014	MMP15	0.0726994	0.125136	0.416847	-2.39896	0.28404	0.556173	-1.798	0.0418198	0.290343	-3.4442	0.432566	0.655603	-1.52531	0.00530179	0.144112	-6.93866	0.532642	0.716655	-1.39537	0.0253254	0.246211	-4.06155	0.669065	1.25441	1.25441	0.311166	0.575588	-1.73735	2.92592	12.8772	3.91208	1
cg10521650	SCCPDH	0.0727005	0.0478013	0.599355	-1.66823	0.0513108	0.569637	-1.7555	0.163683	0.775696

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg07422644	CMIP	0.07728028	0.857881	0.967728	-1.0398	1.05682008	0.641094	-1.55983	0.206527	0.748223	-1.1365	0.8850987	0.960948	-1.03173	0.01163139	0.527649	-1.8952	0.451195	1.1819	1.1819	0.146721	0.4637	0.0438604	0.6039828	-1.65383	0.234515	0.23924	0.19504	0.6672552	1
cg00425792	PEX12;PEX12	0.07280558	0.658731	1.05143	0.152128	1.18897	0.118997	1.18897	0.761912	1.03488	1.03488	1.032429	0.832608	-1.20105	0.205849	1.1625	1.1625	0.827903	0.975735	-1.02487	0.04543515	0.652775	-1.53191	0.2479112	0.872589	-1.14602	0.859762	0.980245	-1.02015	2.9241	0.5895646	0.179214	1
cg19049616	RNFT1	0.07280092	0.886283	1.02201	1.022202	0.00985239	1.64286	1.64286	0.0279546	1.48473	1.48473	0.945407	0.9896632	-1.01048	0.354736	0.865112	-1.15592	0.699711	0.942719	-1.06076	0.0695792	0.7342572	-1.36192	0.8394611	1.03135	1.03135	0.9006445	0.982266	-1.01805	2.92405	1.072648	0.3260388	1
cg05176667	DIO3;DIO3	0.07280093	0.322931	0.788737	-1.26782	0.873833	0.107961	1.037063	0.0833578	0.64051	-1.56126	0.2153562	1.38404	1.93404	0.569	0.87476	-1.14314	0.1814425	0.7191518	-1.39059	0.163825	0.7079988	-1.41245	0.8199504	0.9484606	-1.0544	0.00830272	0.190576	2.190676	2.92405	2.50161	0.7604571	1
cg01454545	SATB2	0.07282118	0.715073	0.808988	-1.23611	0.524297	0.688615	-1.45219	0.244558	0.494688	-2.02148	0.0112906	0.159676	-6.22607	0.308632	0.543774	-1.839	0.05060664	0.286185	-3.49424	0.212927	2.13488	2.13488	0.37207	0.5886093	-1.69868	0.0158178	0.181006	-5.52469	2.92405	15.4801	4.7059	1
cg00382138	CFL01	0.07283137	0.01408671	0.12756	-7.83946	0.73493	1.25975	1.25975	0.4432341	0.580134	-1.72374	0.0237069	0.159647	-6.26384	0.0993652	0.293004	-3.4124	0.480801	0.614415	-1.62756	0.0294102	0.174988	-5.71464	0.398554	0.5538626	-1.79913	0.0402216	0.199777	-5.00558	2.92398	21.3871	6.50005	1
cg25836159	AGGF1;AGGF1	0.07282156	0.559088	1.05043	1.05043	0.01938848	1.26549	1.26549	0.177198	1.12688	1.12688	0.505981	1.05781	1.05781	0.138394	1.1421	1.1421	0.735622	1.02863	1.02863	0.278508	0.9104233	-1.09839	0.3573992	1.08202	1.08202	0.00565387	1.35312	1.35312	2.92395	0.3212166	0.0976507	1
cg21252801	LRRTM4;LRRTM4	0.07283158	0.549864	0.70157	-1.42427	0.00265917	0.03872758	-11.4579	0.0539693	0.270512	-3.60995	0.3161972	1.85689	1.85689	0.281244	0.53852	-1.92931	0.720143	0.809689	-1.23504	0.400725	0.6056944	-1.651	0.5460273	0.6987755	-1.43116	0.6588916	1.29775	1.29775	2.92394	15.9455	4.84749	1
cg07138585	FAM18BA	0.07283158	0.775036	0.965518	-1.03571	0.0482101	0.758444	-1.31849	0.0907956	0.779562	-1.25633	0.4177559	1.10673	1.10673	0.806295	0.93054	-1.03054	0.446083	1.09979	1.09979	0.1442464	1.44462	0.650166	0.9456	-1.05751	0.102292	0.803347	-1.24479	2.92394	0.6945058	0.2111133	1
cg01195858	C20orf111	0.07283184	0.890791	0.970142	-1.03078	0.0807033	1.53329	1.53329	0.825987	1.04978	1.04978	0.144516	1.41319	1.41319	0.617162	0.894755	-1.11762	0.0116272	0.498589	-2.00566	0.473994	1.17431	1.17431	0.363553	0.813798	-1.22881	0.055704	0.619789	-1.61345	2.9239	2.25469	0.685443	1
cg20960975	RTKN2;RTKN2	0.07283207	0.230597	1.32442	1.324422	0.24777	1.14545	1.14545	0.0122282	1.17318	1.17318	0.0402059	1.53179	1.53179	0.0355536	0.777378	-1.28606	0.2636003	0.814553	-1.22767	0.2307657	0.7974979	-1.25344	0.8180442	1.0846	1.0846	0.321864	1.19737	1.19737	2.92386	1.143456	0.436125	1
cg07788994	ST3GAL1;ST3GL1	0.07282212	0.06166723	0.237921	-4.20308	0.0529806	0.223083	-4.48264	0.0284422	0.171325	-5.83699	0.106468	0.300438	-3.32848	0.0774535	0.222703	-4.50	0.498868	0.626043	-1.59734	0.0834883	0.1003118	-9.96832	0.95331	1.04075	1.04075	0.282776	0.467023	-2.14122	2.92385	21.5507	6.55168	1
cg04160962	APTDR;APTDR	0.07282213	0.608249	1.0553	1.05533	0.4260535	0.918862	-1.0881	0.6680861	1.22702	1.22702	0.0542355	0.79658	-1.25537	0.0324658	0.774473	-1.2909	0.532623	0.934457	-1.07054	0.1114463	0.8436661	-1.1978	0.8014415	0.8408012	-1.24531	0.119669	0.838709	-1.19231	2.92385	0.5501886	0.152358	1
cg08702413	ALDH7A1	0.07282315	0.34324	0.641246	-1.55946	0.901292	0.945097	-1.05809	0.7297752	0.854006	-1.17095	0.0951325	2.30372	2.30372	0.026354	0.301617	-3.31546	0.11961	0.463694	-2.1566	0.0182083	0.271278	-3.68626	0.8259021	1.10545	1.10545	0.07978919	0.412809	-2.42243	2.92385	9.59014	2.915553	1
cg18093448	WWC2	0.07282229	0.992598	1.00454	1.00454	0.02351665	0.267241	-3.74194	0.259207	0.563174	-1.77565	0.230811	1.84626	1.84626	0.161104	0.681367	-2.07526	0.109222	2.3442	2.3442	0.457882	1.44591	0.0506855	0.96273	0.962373	0.270391	1.75029	1.75029	2.92383	11.0181	3.34967	1
cg17129943	MIR516B1	0.07282335	0.08911516	0.443834	-2.2633	0.1174672	2.0976	2.0976	0.2275524	0.326076	-3.11842	0.0405297	0.858308	-1.16482	-2.26384	0.0993652	0.293004	0.986159	0.992471	-1.00759	0.2926644	1.60905	1.60905	0.0704848	0.42013	-2.38022	0.8222398	0.960648	-1.10296	2.9238	0.78928	0.67209	1
cg00087601	FAM165B	0.07282628	0.113113	0.764817	-1.3075	0.835224	-1.03292	1.03292	0.031929	0.676453	-1.4783	0.0865973	0.745034	-1.34222	0.561983	1.09545	1.09545	0.317586	1.17426	1.17426	0.0536385	1.406	1.406	0.168556	0.79602	-1.25625	0.146521	0.7848	-1.27421	2.92376	1.11957	0.340374	1
cg04839116	KCNH2;KCNH2	0.07282669	0.09114472	2.84898	2.84898	0.122522	2.55745	2.55745	0.790414	1.16122	1.16122	0.2700998	1.90479	1.90479	0.695497	1.24698	1.24698	0.0298301	4.19726	4.19726	0.00659751	2.23684	2.23684	0.0193661	4.03189	4.03189	0.124572	2.54228	2.54228	2.92376	14.5801	4.43267	1
cg18886444	USP41;USP4	0.07282779	0.00449794	5.68642	5.68642	0.0092227	1.05984	1.05984	0.584404	0.776083	-1.28852	0.710153	1.58688	1.58688	0.14933	0.491814	-2.03329	0.42833	1.44932	1.44932	0.0653494	0.38797	-2.57752	0.693058	0.8335545	-1.1997	0.026416	1.04331	1.0431	2.92375	9.75335	2.96525	1
cg27091703	RAD54B	0.07282288	0.38352	1.22308	1.22308	0.11206	1.47687	1.47687	0.0786071	1.55306	1.55306	0.461486	1.18405	1.18405	0.847181	0.957452	-1.04444	0.697353	0.915696	-1.09207	0.00957889	0.4774181	-2.09433	0.125128	1.45366	1.45366	0.2566646	1.3058	1.3058	2.92373	2.351162	0.714951	1
cg02560674	MYLPF;MYLPF	0.07283292	0.045387	2.94332	2.94332	0.1840513	1.45635	1.45635	0.0694533	1.36738	1.36738	0.22197	2.2439294	2.2439294	0.0122871	1.138317	1.138317	0.424422	1.805267	1.805267	0.0942901	1.1942	1.1942	0.0476919	1.60245	1.60245	0.0172372	1.65979	1.65979	2.92372	3.277442	0.994601	1
cg24484296	ZNF320	0.07283307	0.151377	0.471018	-2.12306	0.9026442	1.00176	1.00176	0.323861	0.607148	-1.64705	0.0461895	0.326714	-3.06078	0.0714947	0.37319	-2.6796	0.359756	0.62942	-1.58876	0.0332681	0.139747	-7.1558	0.857197	1.09222	1.09222	0.240561	0.547869	-1.82525	2.9237	11.1053	3.37634	1
cg09397542	PHACTR1	0.07283323	0.31335	0.766447	-1.30457	0.8955851	0.185951	-1.64217	0.2038856	0.491555	-2.03504	0.1864496	1.55054	1.55054	0.0468455	0.644364	-1.55204	0.1656361	0.483085	0.579458	0.2300102	0.2923705	0.5985461	-1.67071	0.1678384	0.5387129	-1.85623	-1.16927	2.92347	1.53054	0.4592825	1.3239	1
cg22929099	GFRA3	0.07283354	0.0832308	1.84229	1.84229	0.0471982	2.06169	2.06169	0.44567	1.28107	1.28107	0.803693	0.923713	-1.08259	0.0579168	1.97987	1.97987	0.332104	1.37548	1.37548	0.0113244	2.74667	2.74667	0.0507805	2.03207	2.03207	0.411184	0.765105	-1.30701	2.92362	4.70046	1.42911	1
cg12821421	SEPHS1	0.07283358	0.420447	0.945514	-1.0576	0.046729	1.16757	1.16757	0.0875515	1.13691	1.13691	0.460182	0.950128	-1.05249	0.502297	1.04741	1.04741	0.925111	0.993624	-1.00642	0.9592741	1.27746	1.27746	0.763199	1.02103	1.02103	0.107888	1.12677	1.12677	2.92362	0.214334	0.0651655	1
cg01178601	STAC2;STAC2	0.07283376	0.04247972	2.4531	2.4531	0.1290726	1.00176	1.00176	0.9955165	1.00645	1.00645	0.9955165	1.00176	1.00176	0.9955165	1.00645	1.00645	0.453502	1.094902	1.094902	0.4065	1.0818	1.0818	0.1825044	1.17191	1.17191	0.370222	1.07886	1.07886	2.92359	0.6145043	0.0957857	1
cg10439507	SNORD115-6	0.07283376	0.0862422	0.231513	-4.31941	0.0183618	0.109833	-9.10472	0.230165	0.378405	-2.64267	0.8616154	1.19694	1.19694	0.0305637	0.140638	-7.11043	0.230768	0.378927	-2.63903	0.0136864	0.0950333	-10.5226	0.1559906	0.309786	-3.22804	0.0939024	0.241266	-4.14481	2.92359	27.5897	8.38839	1
cg13754253	TTL12	0.07283515	0.241857	0.606151	-1.64931	0.2758405	0.860062	-1.15465	0.906051	0.954184	-1.04802	0.7754564	0.889694	-1.12396	0.4744016	0.5013	-1.9944	0.0963282	0.474157	-2.109	0.0615634	0.423228	-2.36279	0.9654438	1.01787	1.01787	0.107753	0.408916	-2.44995	2.92359	7.3334	2.25127	1
cg08003187	GUCA2A	0.07283383	0.06665627	0.175806	-5.68807	0.146364	1.37602	1.37602	0.817004	0.820258	-1.21646	0.1491851	0.270474	-3.69722	0.0353883	0.0451871	-22.1302	0.2428315	0.144932	1.44932	0.0653494	0.38797	-2.57752	0.693058	0.8335545	-1.1997	0.026416	1.04331	1.0431	2.92357	9.75335	2.96525	1
cg13249850	HLA-DQB1	0.07283384	0.100154	0.55688	-1.79572	0.00949597	0.343738	-2.90919	0.515325	1.23909	1.23909	0.958352	0.983172	-1.01712	0.27715	0.692597	-1.44384	0.365088	0.946237	-1.05682	0.0503443	0.4863443	-2.05465	0.0887558	1.84065	1.84065	0.440514	0.774429	-1.29127	2.92357	4.89008	1.48679	1
cg21502041	SHISH2L	0.07283392	0.3541324	0.77886	-1.28455	0.7109547	0.156997	1.43635	0.0064933	0.386738	2.72197	0.2443264	1.08671	1.08671	0.7875583	1.30335	1.30335	0.217723	1.1057	1.1057	0.0158955	0.2797066	1.09097	0.6659355	1.03497	1.03497	0.79256	0.2780004	0.8845253	1			
cg06872257	FGD2;FGF20	0.07283418	0.587862	0.796605	-1.25533	0.0277907	0.94693	0.94693	0.0327424	0.82419	2.82419	0.104459	2.09085	2.09085	0.629285	0.816974	-1.22403	0.838597	1.08845	1.08845	0.219441	0.5846881	-1.71031	0.0270883	2.96661	2.96661	0.386789	1.44583	1.44583	2.92352	7.99681	2.43141	1
cg16652181	GLB1;TMPPE;TMPPE-GLB1;GLB1	0.07283423	0.509359	0.809434	-1.2359	0.2453007	0.322377	1.38227	0.1638663	0.566368	-1.76568	0.1466848	0.647922	1.53221	0.1466848	0.643527	-1.55357	0.2013154	0.814496	1.22804	0.0554204	0.3855222	0.5585	-1.79055	0.7175586	0.8888883	-1.12507	0.3156662	0.8845253	1			
cg12841576	SRCIN1	0.07283443	0.447647	0.760278	-1.31531	0.0443666	2.26552	2.26552	0.394488	1.36187	1.36187	0.096374	0.523864	-1.90889	0.0236987	2.60212	2.60212	0.949402	0.977777	-1.02273	0.0901792	0.5161671	-1.93736	0.680107	0.863444	-1.15815	0.23811	1.54901	1.54901	2.92348	5.80681	1.76557	1
cg18748973	RBBP8;RBBP8;RBBP8	0.07283445	0.537756	0.860132	-1.16261	0.140272	0.683178	-1.46688	0.512678	1.1739	1.1739	0.265648	0.755699	-1.32328	0.315683	0.778394	-1.2841	0.0338382	1.81907	1.81907	0.163544	0.698328	-1.43199	0.0112919	0.4647755	-2.15167	0.484423	0.84233	-1.18718	2.92348	2.7	0.82094	1
cg20686720	TRAPPC9;TRAPPC9	0.07283461	0.2660806	0.687118	-1.45548	0.3253109	0.832323	-1.20146	0.6324277	0.916655	-1.09093	0.82569	0.960944	-1.04064	0.9859145	1.00207	1.00207	0.0229132	1.63491	1.63491	0.00378257	1.804	1.804	0.366611	0.845751	-1.18238	0.097786	0.855233	-1.16927	2.92347	1.53054	0.4592825	1
cg06688292	ITT80	0.07283468	0.186766	0.640808	-1.56053	0.282175	0.700902	-1.42673	0.0131392	0.3761	-2.65887	0.602945	0.869829	-1.14965	0.0818144	0.54159	-1.84641	0.725323	0.893887	-1.11871	0.736253	0.880876	-1.13149	0.0379371	2.14959	2.14959	0.304615	1.40224	1.40224	2.92342	4.68199	1.4236	1
cg00767644	CACYBP;CACYBP	0.07283488	0.6122869	0.877902	-1.13952	0.3068824	1.56466	1.56466	0.1656904	1.16594	1.16594	0.0690904	1.44133	1.44133	0.0205328	0.8253343	-1.21162	0.728995	0.915116	1.09243	0.2005579	0.4233134	-2.36279	0.9654438	1.01787	1.01787	0.107753	0.408916	-2.44995	2.92342	6.961382	2.292317	1
cg05096877	FI44L	0.07283489	0.115609	0.549136	-1.82104	0.851841	0.936579	-1.06772	0.840658	0.931886	-1.07309	0.4227337	0.75054	-1.33237	0.807971	0.666175	-1.50111	0.292506	1.46626	1.46626	0.0988731	0.313391	3.31093	0.807803	0.915205	-1.09265	0.0396937	0.434528	-2.30135	2.9234	1.68604	1.7289	1
cg19048496	TCEB2;TCEB2	0.07283497	0.628847	0.904799	-1.10522	0.0129669	0.530781	-1.88402	0.936732	0.983826	-1.01644	0.945981	0.01401	1.01401	0.818603	1.04278	1.04278	0.026248	0.581864	-1.71861	0.011639	0.523228	-1.91121	0.771876	1.06153	1.06153	0.847779	0.961296	-1.04026	2.92339	1.95345	0.593969	1
cg27127091	SFMBT1;SFMBT1;SFMBT1	0.07283501	0.2264287	0.732682	-1.36521	0.4894997	0.601289	-1.66376	0.1294234	0.5059357	-1.97682	0.0554204	0.0844782	1.18382	0.0554204	0.0379375	-2.6313	0.0963282	0.474157	-2.109	0.0615634	0.423228	-2.36279	0.9654438	1.01787	1.01787	0.107753	0.408916	-2.44995	2.92359	7.3334	2.25127	1
cg14579362	RPS16	0.07283511	0.0841476	0.656024	-1.53699	0.140924	0.824302	1.05129	0.14591	0.291	-3.43435	0.0178242	0.0844782	1.18382	0.0554204	0.0379375	-2.6313	0.0058762	0.444457	-2.24994	0.394183	0.1216591	-8.21691	0.417908	1.20462	1.20462	0.335188	2.2505	1.25051	2.92337	2.34263	0.712307	1
cg00765328	CCND2	0.07283511	0.2397793	1.16883	1.168827	0.4153884	1.51387	1.51387	0.2823992	1.15202	1.15202	0.6696113	1.09225	1.09225	0.2441187	1.42613	1.42613	0.0129759	2.03564	2.03564	0.0156466	1.86086	1.86086	0.954372	0.913343	1.00488	1.0045436	1.42812	1.42812	2.92337	0.5331894	0.1455	1
cg06174407	KREMEN1;KREMEN1	0.07282528	0.232888	1.83633	1.83633	0.0755752	2.61449	2.61449	0.0290731	3.48977	3.48977	0.338574	1.61493	1.61493	0.0461208	3.03528	3.03528	0.0222641	3.78532	3.78532	0.015627	4.22124	4.22124	0.0688798	2.68904	2.68904	0.191876	1.95665	1.95665	2.92334	10.9296	3.32333	1
cg15908398	ATXN2	0.07282529	0.0137969	2.34267	2.342671	0.0789937	0.565982	-1.76683	0.3674572	0.631775	-1.58341	0.1649185	0.848538	-1.17851	0.6649811	0.9307254	1.07475	0.479215	-1.4854	0.569185	0.8483538	-1.1791	0.5568111	0.7127151	1.79599	1.79599	0.0115255	1.64483	1.64483	2.92337	1.79599	0.5331894	3.7107	1.14733	1
cg07523360	ITGA2B	0.07284236	0.1742428	0.618434	-1.61729	0.0762637	0.725261	1.06278	0.3780709	0.5930545	-1.68703	0.2378302	0.643439	0.2197889	0.6107305	0.6143735	0.0730225	0.3539309	0.2.52529	0.2.52529	0.0033821	0.3839395	0.6568909	0.3978396	0.7183119	-1.39214	0.2334	0.7625285	0.2.52529	2.92335	3.707124	1.14733	1
cg15623612	LSAMP	0.07284256	0.886274	1.05098	1.05098	0.00787794	1.26883	1.26883	0.660465	0.85763	-1.166	0.818687	0.923322	-1.08305	0.120253	0.556791	-1.79601	0.52778	1.2489	1.2489	0.140069	1.73599	1.73599	0.0289364	2.44679	2.44679	0.93268	1.02979	1.02979	2.92331	5.58895	1.69943	1
cg02734865	MIR9-1;Clorf61	0.07284265	0.8253964	1.03117	1.031172	0.5659987	1.10463	1.10463	0.0402454	0.803903	-1.24391	0.157594	0.894222	-1.11904	0.3178355	0.7484	-1.33625	0.2717253	1.14003	1.14003	0.1162824	1.230341	1.902007	0.1502501	-1.1079	0.0515501	1.19776	1.19776	2.92329	0.8095493	1.0693367	0.0939145	1
cg12546420	SSBP3;SSBP3;SSBP3;SSBP3;SSBP3	0.07284574	0.02879669	3.03072	3.03072	0.892353	1.05996	1.05996	0.130848	0.495814	-2.01688	0.280911	1.61926	1.61926	0.0761589	0.428022	-2.33633	0.183048	0.544678	-1.83595	0.0816147	0.436059	-2.29327	0.406629	0.694145	-1.44062	0.042601	0.465918	2.1463	2.92327	8.56216	2.60353	1
cg13470341	DMRT3	0.07284574	0.49627	1.29389	1.29389	0.11572	0.528494	-1.89217	0.305133	1.48596	1.48596	0.458374	1.32528	1.32528	0.155884	0.567644	-1.76167	0.356335	0.701984	-1.42453	0.577359	0.8160615	-1.23363	0.00603621	3.8107	3.8107	0.391636	0.72083	-1.38729	2.92327	6.44046	1.95838	1
cg01626935	RBM45	0.07284586	0.231767	1.48897	1.48897	0.758571	0.306561	-1.10331	0.0905302	0.551694	-1.8126	0.665962	0.870657	-1.14856	0.321305	1.38649	1.38649	0.00394118	2.09280	-3.44484	0.191403	0.6431	-1.55442	0.545152	1.21566	1.21566	0.822976	0.931035	-1.07407	2.92325	4.70863	1.43178	1
cg26084159	CHO8	0.07284603	0.524136	0.88674	-1.12777	0.5235107	0.744854	1.34586	0.124459	1.03586	1.03586	0.8453	1.18071	1.18071	0.4703554	0.838339	-1.19274	0.704147	1.05039	1.05039	0.6259539	0.738729	-1.39135	0.4007211	0.7905531	-1.25702	0.1231199	1.2401	1.2401	2.92323	0.758812	0.233778	1
cg27445177	CCDC84	0.07284613	0.131295	1.32591	1.32591	0.0234232	1.59819	1.59819	0.124346	0.749664	-1.33393	0.329239	1.19048	1.19048	0.0374167	1.51922	1.51922	0.25563	0.814247	-1.22813	0.169364	1.28853	1.28853	0.461524	1.1386	1.1386	0.4080384	0.863708	-1.1578	2.92321	1.38813	0.422102	1
cg03998208	RHCG	0.07284617	0.562387	1.13232	1.13232	0.0805754	2.05469	2.05469	0.594923	1.13079	1.13079	0.674781	1.085	1.085	0.6447861	0.903457	-1.10686	0.640831	1.10483	1.10483	0.013147	1.193176	1.913376	0.4882229	1.16314	1.16314	0.1460016	0.718112	-1.39254	0.922318	2.08409	0.6337337	1
cg10656859	C7orf27	0.07284629	0.818738	0.975024	-1.02562	0.270746	0.881307	-1.13468	0.163483	0.848854	-1.17806	0.136426	0.837948	-1.19339	0.284112	0.884608	-1.13044	0.148365	0.842966	-1.18629	0.00923882	1.43916	1.43916	0.324039	1.11877	1.11877	0.260942	0.878809	-1.1379	2.92318	3.562099	0.170925	1
cg11799526	FHL1;FHL1	0.07283631	0.0244258	0.268953	-3.71813	0.499765	0.714985	-1.39863	0.450006	0.685932	-1.45787	0.0115082	0.21268	-4.7019	0.0265393	0.275894	-3.62458	0.315182	0.601314	-1.66302	0.0297717	0.285777	-3.49923	0.919332	0.951599	-1.05086	0.177912	0.496031	-2.016	2.92317	11.1041	3.37656	1
cg00862618	FKBP4	0.07284649	0.334078	0.415995	-2.40387	0.379313	2.22774	2.22774	0.251744	2.89569	2.89569	?	?	?	?	0.0760849	0.0324927	-30.7762	0.0932863	0.182942	-5.46623	0.615289	0.6609911	-1.51906	?	?	0.21268	0.30977	-3.2282	4.0067	33.7045	6.00859	1
cg16539602	VIPR1	0.07285076	0.00509091	3.45614	3.456137	0.0139688	2.19996	2.19996	0.0775701	1.96254	1.96254	0.167856	0.821643	1.21707	0.1467856	0.811794	-1.23184	0.722222	0.354514	-2.82144	0.0486147	0.2485787	0.8134432	-1.22936	0.677281	1.05753	1.05753	0.143908	0.7.11349	1.11349	0.2154465	1
cg10117369	LAX1;LAX1	0.07285097	0.128519	0.401019	-2.49365	0.0244328	0.22508	-4.44287	0.0248226	0.226327	-4.41839	0.237487	0.502433	-1.99031	0.0154855	0.191704	-5.21637	0.10693	0.37573	-2.66148	0.0268027	0.2324664	-4.30175	0.27609	0.532521	-1.87786	0.248547	0.511263	-1.95594	2.92307	14.3212	4.35499	1
cg05523897	C1orf86	0.07285705	0.0496031	0.468758	-2.1333	0.41867	0.75615	-1.32249	0.0611991	0.488914	-2.04117	0.312066	0.71286	-1.4028	0.0659419	0.303265	-3.29745	0.232681	1.52671	1.52671	0.106178	0.550563	-1.81632	0.963751	1.01549	1.01549	0.72009	1.885405	-1.12943	2.92305	5.29648	1.61064	1
cg18638793	FICD	0.07285710	0.1030588	1.37478	1.37478	0.2.52459	1.16184	1.16184	0.2.52586	1.13586	1.13586	0.2.52586	1.14053	1.14053	0.2.52586	1.18071	1.18071	0.2.52586	1.15254	1.15254	0.2.52586	1.24094	1.24094	0.2.52586	1.17767	1.17767	0.2.52586	1.25407	1.25407	0.2.52586	1.18812	1.18812	0.2.52586	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1.24572	0.2.52304	1.24572	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg12075586	NELL2;NELL2;NELL2;NELL2;NELL2	0.0729695	0.755378	1.13109	1.11309	0.916849	0.965382	-1.03586	0.0986312	0.542828	-1.84221	0.935797	0.973187	-1.02755	0.816006	0.369805	-2.70413	0.0356814	0.438353	-2.28127	0.175986	1.6248	1.6248	0.23435	1.52281	1.523281	0.139597	0.584907	-1.70967	2.92145	5.26584	1.6022	1
cg07244783	STX18	0.0729701	0.428941	0.685499	-1.45879	0.3062	0.609324	-1.64116	0.076661	0.39819	-2.51136	0.784175	1.13699	1.13699	0.00378428	0.160914	-6.2145	0.0607178	0.372039	-2.68789	0.447634	0.696343	-1.43607	0.631465	1.25357	1.253571	0.084218	0.409157	-2.44405	2.921446	10.1179	3.07851	1
cg23005481	C14orf115	0.0729715	0.985036	0.989771	-1.01033	0.0438433	0.280823	-3.56096	0.569967	0.729969	-1.36992	0.661778	1.27293	1.27293	0.962489	1.02612	1.02612	0.962065	1.02642	1.02642	0.00784744	0.154079	-6.49017	0.0239224	0.228278	-4.38062	0.09641424	0.367264	-2.72283	2.921441	13.9057	4.23104	1
cg11709793	TAP2;TAP2	0.0729728	0.275645	0.695709	-1.43738	0.0619132	0.510381	-1.9593	0.0584872	0.509642	-1.98316	0.848046	0.940474	-1.06329	0.0162344	0.390042	-2.56126	0.611103	0.848687	-1.17853	0.0485955	0.486402	-2.05591	0.819954	1.07569	1.075656	0.0156256	0.387399	-2.58132	2.92139	4.73575	1.44094	1
cg04042468	BIK	0.0729728	0.163469	0.489467	-2.04304	0.00562532	0.174479	-5.73134	0.139165	0.465443	-2.14849	0.628571	0.791234	-1.26385	0.0354741	0.308471	-3.2418	0.5016	0.720628	-1.38768	0.0243945	0.270582	-3.67237	0.155014	0.483189	-2.07732	0.895589	0.938874	-1.06511	2.92139	10.6772	3.24873	1
cg01134544	KLHL29	0.0729757	0.329361	1.20483	1.20483	0.173884	1.30699	-1.30049	0.390425	1.17692	1.17692	0.109134	1.721325	-1.38634	0.313021	0.8243441	-1.21309	0.0305275	1.60894	1.60894	0.134768	1.34779	1.34779	0.0822207	1.42818	1.428183	0.126092	0.736114	-1.35848	2.92135	1.58538	0.482389	1
cg03165705	GREB1	0.0729763	0.360003	0.844189	-1.18457	0.963939	0.991789	-1.00828	0.0314416	0.631140	-1.58441	0.913403	0.980357	-1.02004	0.254507	0.804944	-1.24232	0.00930544	0.547885	-1.8252	0.0609979	1.46974	1.46974	0.486031	0.878894	-1.13779	0.328054	0.831843	-1.20215	2.92134	1.53881	0.468222	1
cg13019909	XAF1;XAF1;XAF1;XAF1	0.072977	0.0249815	0.190955	-2.96776	0.0375273	2.39311	2.39311	0.0401994	1.28855	1.28855	0.23704	0.8672293	-1.15301	0.6148891	1.22888	1.22888	0.833972	0.91797	-1.08935	0.176447	1.79296	1.79296	0.0179593	3.21642	3.216421	0.684553	0.840595	-1.18051	2.92133	7.67209	2.32378	1
cg13313214	STK31;STK31;STK31;STK31	0.0729771	0.0314664	0.7436	-1.3448	0.2128	1.863373	-1.15825	0.433282	1.108844	1.108844	0.127847	1.21768	1.217768	0.0981957	1.20305	1.20305	0.882945	0.982849	-1.01745	0.266153	1.64574	1.64574	0.475568	0.918339	-1.08892	0.0254551	1.3609	1.3609	2.92132	0.637906	0.1941	1
cg11904204	ZNF701	0.0729796	0.0657971	4.44175	4.44175	0.0146162	8.77298	8.77298	0.0801193	4.06455	4.06455	0.447473	1.74925	1.74925	0.295637	2.18867	2.18867	0.266159	2.30903	2.30903	0.203945	2.63364	2.63364	0.0108712	10.0702	10.0702	0.0334947	6.01425	6.01425	2.92128	24.135	7.34381	1
cg16222848	AKAP11	0.0729798	0.937622	1.086142	-1.06548	0.4115466	1.1722	1.1722	0.353078	1.118302	1.118302	0.176856	0.77413	-1.29107	0.2583183	0.8966855	-1.11539	0.913319	0.980773	-1.02003	0.8417266	1.12569	1.12569	1.25007	0.800479	1.194109	0.0342818	1.55321	1.55321	2.92128	1.4708	0.447536	1
cg01544489	ITGA9	0.0729799	0.717811	1.06451	1.06451	0.187261	1.27222	1.27222	0.0287835	1.55923	1.55923	0.993334	1.001441	1.001441	0.876099	0.973481	-1.02724	0.589602	1.09835	1.09835	0.0610437	0.695135	-1.43857	0.023026	1.59726	1.597256	0.0623129	1.4354	1.4354	2.92128	1.37284	0.417729	1
cg01289215	B3GNT3	0.0729804	0.619376	0.8855083	-1.44723	0.0429454	0.774912	-1.57375	0.0371403	0.167858	-3.55741	0.0667197	0.259549	-4.55479	0.0672254	0.220312	-4.53902	0.338709	0.483199	-2.06954	0.00737769	0.0775172	-12.9317	0.0250205	0.549355	-1.82364	0.0762616	0.233405	-4.28439	0.92127	25.1663	7.65764	1
cg26366109	TUBB	0.0729812	0.362247	0.891449	-1.12177	0.4529	1.09837	1.09837	0.0154599	0.921409	-1.08529	0.0587717	0.769565	-1.29944	0.0105542	0.6738559	-1.48399	0.0997769	1.24773	1.24773	0.282964	0.872068	-1.1467	0.0926689	0.79689	-1.25488	0.68151	1.05194	1.05194	2.92126	0.6965584	0.2119559	1
cg21380842	KCNJ6	0.0729842	0.222913	0.847042	-1.18058	0.05199	1.33184	1.33184	0.239453	1.13762	1.13762	0.187997	0.983514	-1.01676	0.559707	1.07945	1.07945	0.754699	1.04146	1.04146	0.138371	0.831187	-1.22973	0.0155615	0.680763	-1.46894	0.150582	1.22104	1.22104	2.92121	0.7772294	0.236521	1
cg00627347	ABR;ABR;ABR	0.0729856	0.652566	1.13104	1.03703471	0.83517	0.815037	-1.22618	0.0615336	0.5369	1.27051	0.56354	1.27051	0.56354	0.45146	1.2215	1.2215	0.859047	1.11836	1.11836	0.602714	0.717946	-1.39286	0.321111	1.90949	1.90949	0.684259	1.294232	1.294232	2.92119	1.842124	0.60536	1
cg11194398	PC;PC;PC	0.0729859	0.351373	1.3014	1.3014	0.617255	0.870758	-1.14842	0.271	0.72995	-1.36996	0.128909	1.56944	1.56944	0.00576048	0.370135	-2.70172	0.180025	1.47858	1.47858	0.288693	1.35328	1.35328	0.649557	1.13371	1.13371	0.480112	0.823058	-1.21794	2.92118	3.49047	1.06212	1
cg05372763	SLC6A5	0.0729863	0.452711	1.19446	1.19446	0.483959	0.840939	-1.18058	0.909911	0.102664	1.102664	0.970752	0.99152	-1.00855	0.474646	0.844027	-1.18398	0.314827	0.785503	-1.27307	0.0315029	0.348225	-2.87171	0.178927	0.717751	-1.39328	0.946299	1.015727	1.015727	2.92117	2.49617	0.759564	1
cg00600047	IKZF4	0.0729871	0.0585744	0.603231	-1.65774	0.697787	0.908685	-1.10049	0.126529	1.47844	1.47844	0.699262	1.09618	1.096184	0.0960396	1.46447	-2.17328	0.068113	0.616775	-1.62134	0.2055163	0.729129	-1.3715	0.675481	1.10472	1.10472	0.738298	1.06245	1.06245	2.92116	2.58883	0.787763	1
cg27258696	NELL1;NELL1	0.0729878	0.358177	0.483917	-2.06647	0.0120849	0.0903778	-11.0647	0.0731527	0.215427	-4.64195	0.0520628	0.183112	-5.46114	0.744178	1.286	1.286	0.707805	1.3354	1.3354	0.0217558	0.12054	-8.29602	0.340698	0.47016	-2.12603	0.0881032	0.235567	-4.24508	2.92115	27.301	8.30753	1
cg18445108	C17orf87	0.0729882	0.542164	0.782213	-1.27863	0.0886463	0.453407	-2.2045	0.0659178	0.484993	-2.28054	0.317127	0.632999	-1.57978	0.0923297	0.510506	-1.95807	0.657874	1.24784	1.24784	0.518544	0.801722	1.33545	1.335451	0.975161	1.005196	1.046091	0.136194	0.491648	-2.03398	2.92114	0.92624	2.75272	1
cg08085954	MME;MME;MME;MME	0.0729886	0.402126	0.898547	-1.11291	0.222735	1.17333	1.17333	0.321617	1.13626	1.13626	0.483081	1.093	1.093	0.00188066	1.73474	1.73474	0.394464	1.14195	1.11495	0.498271	1.08956	1.08956	0.483531	0.91534	-1.09249	0.329449	1.13379	1.13379	2.92114	0.72007	0.219114	1
cg20593435	MUSK;MUSK	0.0729891	0.0609204	0.484121	-1.24714	0.406955	1.28273	1.28273	0.0216144	1.35391	1.35391	0.807911	1.05882	1.058824	0.0102	1.88129	1.88129	1.01637	1.46851	1.46851	0.0884446	1.33045	1.33045	0.0139593	1.77207	1.772071	0.0250913	1.96337	1.96337	2.92113	3.464337	0.1624848	1
cg01200761	TFDP1;TFDP1	0.072991	0.254279	0.681926	-1.46643	0.0132201	0.68506	-1.68506	0.861175	1.05791	1.05791	0.581405	0.836038	-1.19612	0.115604	0.5769	-1.7334	0.0186496	0.399892	-2.50067	0.390193	0.753368	-1.32737	0.578432	0.834835	-1.19784	0.963327	1.0149	1.0149	2.9211	4.78482	1.45602	1
cg16132520	AKR1B1	0.072994	0.95872	0.990465	-1.00963	0.223109	1.26739	-1.26739	0.391297	1.17655	1.17655	0.344511	0.835079	-1.19749	0.220451	0.787639	-1.2693	0.00719111	0.53239	-1.87832	0.799816	0.954054	-1.04816	0.343752	1.19785	1.19785	0.0574057	1.4886	1.4886	2.92105	1.58511	0.482356	1
cg25189764	SEZ6;SEZ6	0.0729905	0.0314492	0.5853	-1.70876124	0.0376124	0.437117	-2.28775	0.0613582	0.300872	-3.32407	0.0214634	0.437115	-2.28775	0.0613582	0.300872	-3.32407	0.0735136	0.446446	-2.2394	0.0214634	0.243308	-4.10177	0.0760902	0.478809	-2.08813	0.0108772	0.249101	-4.01227	2.92087	2.29988	1	
cg25022915	NME2;NME2;NME2	0.0729975	0.193365	0.544413	-1.83684	0.0706178	2.44136	2.44136	0.0594481	2.55972	2.55972	0.0091544	4.31576	4.31576	0.235291	0.577231	-1.73241	0.277823	1.64635	1.64635	0.99705	0.9983682	-1.00163	0.873646	1.07284	1.07284	0.995948	1.007759	-1.00225	2.92099	9.02869	2.74752	1
cg22458194	DRD2;DRD2	0.072998	0.332554	0.858861	-1.16433	0.36999	1.16262	1.16262	0.0216045	1.5218	1.5218	0.341511	0.861412	-1.16089	0.677327	0.938292	-1.06577	0.0454999	0.705316	-1.4178	0.192945	0.810814	-1.23333	0.509135	1.10731	1.10731	0.0759709	1.35064	1.35064	2.92099	1.07177	0.326153	1
cg00502662	ZP3;ZP3	0.073	0.0579453	0.334718	-2.98759	0.222804	0.519901	-1.92344	0.228219	0.524255	-1.90747	0.153001	0.457756	-2.18457	0.0189915	0.234532	-4.26381	0.0660007	0.348844	-2.86661	0.0389788	0.29517	-3.38788	0.0105095	0.193201	-5.17597	0.534629	0.725349	-1.37865	2.92095	12.0612	3.67039	1
cg05444480	APOC1	0.0730005	0.272675	0.733233	-1.36385	0.0788426	0.479393	-2.0861	0.500747	0.746776	-1.33909	0.273933	0.61369	-1.62949	0.399253	0.691298	-1.44655	0.6732	1.19834	1.19834	0.00678181	0.21015	-4.75851	0.0780936	0.428136	-2.33571	0.0802812	0.431445	-2.31779	3.13535	8.83311	2.19121	1
cg14290496	MIR670	0.0730014	0.960322	0.991199	-1.00888	0.776778	0.10158	1.05158	0.0953765	0.103657	1.72059	-1.38775	0.956883	0.990439	-1.00965	0.23535	1.24731	1.24731	0.303178	1.20957	1.20957	0.0401903	0.51363	1.5163	0.0101298	0.563936	-1.77956	0.828748	0.96224	-1.03924	2.92077	1.46049	0.444476	1
cg17602753	BC1118;BC1118	0.0730015	0.8103801	1.0467	1.0467	0.5127	0.718728	-1.39228	0.152478	0.775025	1.14826	0.0990284	0.884282	-1.13316	0.369793	0.882491	-1.13326	0.045219	1.10569	1.10569	0.0108006	0.14826	1.1371	1.1371	0.537294	1.11769	1.117769	0.0881873	0.995961	-1.00406	2.92077	1.6677	0.446672	1
cg07381814	ZNF414	0.0730115	0.828518	0.967855	-1.03321	0.763502	1.0465	1.0465	0.173407	0.801982	-1.24381	0.149441	1.26214	1.26214	0.0108308	0.617537	-1.61934	0.791082	0.960799	-1.0408	0.120513	1.28872	1.28872	0.187769	1.23399	1.23399	0.113807	1.25778	1.25778	2.92077	1.04947	0.31939	1
cg22919163	DNAJC22	0.073017	0.245373	0.38317	-2.60911	0.0176263	2.88269	2.88269	0.0178264	2.80823	2.80823	0.21124	2.55787	2.557872	0.0185481	0.594223	-1.68324	0.516	0.810353	-1.23408	0.0944018	0.594218	1.68311	1.683109	0.104412	0.95428	1.045249	1.73144	1.73144	2.92076	23.6522	7.71819	1
cg12475379	PXMP3;PXMP3	0.0730128	0.2487978	0.36601	-2.73257	0.0171057	0.971456	-1.03763	0.0372158	0.259958	-3.84691	0.0171057	0.259958	-3.84691	0.0171057	0.259958	-3.84691	0.1251783	1.12946	1.12946	0.0171057	0.259958	-3.84691	0.0171057	0.259958	-3.84691	0.0171057	-1.47306	0.676087	1.04365	1.0435	0.0997007	1.00004	2.92075	0.4758259	0.145552	1
cg02671826	ARID1B;ARID1B;ARID1B	0.073013	0.536873	1.1878	1.1878	0.0877314	1.67986	1.67986	0.250892	1.39122	1.39122	0.199841	1.45173	1.45173	0.670524	0.888892	-1.125	0.242917	1.39978	1.39978	0.00372645	2.9393	2.9393	0.040835	1.91506	1.91506	0.103385	1.63274	1.63274	2.92074	3.50393	1.06637	1
cg13803734	PGRMC2	0.0730142	0.1804734	0.561601	-1.61093	0.4277052	1.794688	-1.79468	0.836836	0.0885096	1.73299	1.73299	0.2055938	1.557327	1.24115	0.336222	1.75435	0.104751	0.604546	-1.65414	0.0144	0.336222	1.75435	?	?	?	?	?	?	?	?	2.92073	3.583663	1.13431	1
cg17997279	CYP24A1;CYP24A1	0.0730138	0.0972545	0.997247	-1.00276	0.0264688	0.172655	0.817265	0.240516	2.66751	2.66751	0.174602	3.16753	3.16753	0.111031	0.2749968	4.00003	0.221751	2.78829	2.78829	0.103997	4.13426	4.13426	0.0532939	5.77162	5.771621	0.0134655	4.31557	4.31557	2.92073	3.16883	2.92073	0.490243	0.97502	1
cg04278162	TRIM26	0.0730158	0.844456	1.094725	1.04535	0.870405	0.907854	-1.10148	0.522646	1.15795	1.15795	0.001474904	0.354863	-2.82178	0.197034	0.7945369	-1.25849	0.389204	0.819556	-1.22047	0.571681	0.878935	-1.13774	0.794166	1.07755	1.077551	0.0880917	0.604984	-1.65265	2.92073	2.58356	0.757677	1
cg16286925	FER	0.073042	0.12245	0.522009	-1.91566	0.0265764	0.123424	-8.1569	0.0134788	0.118311	1.18311	0.0265764	0.123424	-8.1569	0.0134788	0.118311	-8.45381	0.0363381	-1.57138	0.0375761	0.0144871	0.397868	2.5124	0.0242612	0.283373	-3.52757	0.0758154	-2.13386	0.0294818	0.284871	-2.02073	0.314758	1.94076	1.94076	0.132357	0.678147	1.474621	2.92072	6.97737	2.12348	1
cg14007545	PDGFD;PDGFD	0.0730143	0.0587037	0.93067	0.93067	0.0150079	0.21785	0.21785	0.135763	0.524189	0.524189	0.184215	0.47003	0.47003	0.0923388	0.674735	0.674735	0.073777	0.79886	0.79886	0.023763	0.31502	0.31502	0.0155533	0.16553	0.165533	0.0155533	0.16553	0.165533	2.92072	0.06146	0.76906	0.026	1
cg16443880	ZBTB12	0.0730168	0.134934	0.467677	-2.13837	0.0343602	0.315655	-3.16779	0.238546	?	?	?	?	?	?	?	?	0.315609	0.515649	-1.93944	0.0331201	0.21459	-4.66004	0.0648466	0.3095	0.3095	0.0160638	0.214148	0.660967	2.92071	1.31395	0.451459	0.12113	1
cg10328768	PRDM16;PRDM16	0.0730318	0.629124	0.851458	-1.17446	0.0350052	0.444087	-2.25181	0.0149566	0.372072	-2.68765	0.357173	1.36739	1.36739	0.0526834	0.482367	-2.07053	0.296966	0.699563	-1.42946	0.213472	0.648642	-1.54168	0.230369	1.51557	1.51557	0.649495	1.16567	1.16567	2.92066	5.0505	1.53709	1
cg08933025	HAPLN1	0.0730183	0.0956802	3.29004	3.29004	0.584435	1.42688	1.42688	0.909311	1.07696	1.07696	0.291013	2.04008	2.04008	0.340983	1.8729	1.8729	0.0845956	3.44129	3.44129	0.0338897	1.54497	12.5497	0.0338897	1.54497	12.5497	0.0338897	12.5497	12.5497	2.92066	1.16717	0.42066	0.18585	0.56077	1
cg01758450	LSG1;LSG1	0.0730194	0.218075	1.41033	1.41033	0.080752	1.67246	1.67246	0.030471	0.509226	-1.96377	0.031158	1.95653	1.95653	0.990437	0.996825	1.00319	0.323028	2.76202	2.76202	-1.31113	0.177507	0.683649	-1.46274	0.648346	0.885281	-1.12959	0.416576	1.24649	2.92064	1.25753	0.991422	1
cg18214799	SCARB2	0.073022	0.0744231	3.24989	3.24989	0.769836	1.15881	1.15881	0.116647	2.66992	2.66992	0.0121085	7.48993	7.48993	?	?	?	?	0.885693	0.30473	3.06473	0.283585	1.87665	1.87665	0.402208	13.7333	2.4511	1					
cg01507651	CMIP	0.0730252	0.3756521	1.03663	1.03663	0.489353	1.15821	1.15821	0.208846	1.13427	1.13427	0.15503	0.730575	-1.36879	0.0532953	0.635794	-1.57284	0.0247726	1.59192	1.59192	0.0247726	0.54326	-1.84055	0.0247726	0.54326	-1.84055	0.0247726	-1.07453	0.931206	1.16239	1.16239	0.0229214	0.573580	1.74341	2.92059	1.9683	0.599059	1
cg24008117	SOCS4;SOCS4 SGOL1;SGOL1;SGOL1;SGOL1;SGOL1;SG	0.0730226	0.734841	1.14495	1.14495	0.09517	0.48188	-2.0752	0.08048895	0.462125	-2.16392	0.798691	1.10712	1.10712	0.0310897	0.365104	-2.73894	0.909104	0.955544	-1.04652	0.382919	0.384462	-2.60104	0.0559395	2.3683	2.3683	0.417123	0.718795	-1.39122	2.92059	7.33324	2.23189	1
cg04951797	OL1	0.0730231	0.0214578	0.113384	-8.81962	0.0255096	0.123525	-8.09551	0.279397	0.412276	-2.42556	0.149802	0.296229	-3.37576	0.0536809	0.177943	-5.61978	0.272199	0.406356	-2.46089	0.0263175	0.125442	-7.97184	0.0309633	0.135899	-7.35843	0.103023	0.245299	-4.07666	2.92058	28.716	8.73984	1
cg20122548	SPATS1L1;SPATS1L1	0.0730232	0.0111313	0.750591	-1.33228	0.784242	1.03162	1.03162	0.528377	1.07513	1.07513	0.115396	1.214224	1.214224	0.95018	1.00711	1.00711	0.930936	1.00988	1.00988	0.484689	1.03886	1.03886	0.00721754	1.48173	1.481731	0.216167	1.15906	1.15906	2.92058	0.594937	0.181071	1
cg25652873	C5orf45;C5orf45	0.073024	0.340813	0.808408	-1.13726	0.4102	0.893302	-1.12004	0.0604823	0.762273	-1.31159	0.0220065	1.41385	1.41385	0.0960152	1.25915	1.25915	0.872583	0.992708	-1.00817	0.0127564	1.18238	1.18238	0.0132019	1.91958	1.91958	-1.08745	0.349437	0.885661	-1.1291	1.92056	0.735041	0.223714	1
cg14669139	MIC8	0.0730243	0.673762	1.21266	1.21266	0.466095	1.4018	1.4018	0.299257	0.612685	-1.63216	0.235788	0.567921	-1.76081	0.252162	0.580004	-1.72413	0.475615	0.71868	-1.39144	0.00358241	0.165883	-6.02819	0.0389042	0.336634	-2.97059	0.729657	1.17114	1.17114	2.92056	9.59172	2.91929	1
cg02343768	FLJ46111	0.0730249	0.0249906	0.615433	-1.62495	0.0265764	0.123424	-8.1569	0.134788	0.118311	1.18311	0.0265764	0.123424	-8.1569	0.0134788	0.118311	-8.45381	0.0363381	-1.57138	0.0375761	0.0144871	0.397868	2.5124	0.0242612	0.283373	-3.52757	0.0758154	-2.13386	0.0294818	0.284871	-2.02073	0.314758	1.94076	1.94076	0.132357	0.678147	1.474621	2.92052	6.97737	2.12348	1
cg06073139	SLC38A7	0.0730268	0.439702	0.422449	1.42449	0.105487	2.20534	2.20534	0.178438	2.43636	2.43636	0.0716221	2.45849	2.45849	0.948272	0.971403	1.02944	0.432669	0.699022	-1.43057	0.0127722	0.250741	-3.98817	0.662712	0.821798	-1.21684	0.479997	1.37861	1.37861	2.92052	0.24966	2.81523	1
cg00242222	SNX13	0.0730271	0.0346138	0.230531	-4.33781	0.347053	0.561741	-1.78018	0.258245	0.495279	-2.01906	0.459098	0.661918	-1.51076	0.0674461	0.295101	-3.38867	0.411573	0.606477	-1.64887	0.00507579	0.110098	-9.08282	0.0294891	0.217212	-4.60379	0.150855	0.399722	-2.50174	2.92051	16.4093	4.99435	1
cg25082825	PLEKHG7	0.0730285	0.993341	1.00166	1.00166	0.977201	0.545009	-1.83506	0.725	0.0270311	0.594358	-1.98272	0.583545	1.20619	1.20619	0.291213	-3.43367	0.059665	0.802657	-1.2459	0.0210119	0.143669	1.47669	1.476691	0.434043	0.763158	-1.31035	0.41761	0.775418	-1.29007	5.33237	1.61412	1
cg15647584	ARNT2	0.0730288	0.272184	0.657084	-1.52188	0.9030315	0.04581	-1.04581	0.83686	0.927043	-1.0787	0.137157	1.80087	1.80087	0.0109023	0.360284	-2.77559	0.206543	0.621935	-1.60787	0.0361216	0.2061	0.4607	-2.17061	0.0487657	2.28624	2.28624	0.990892	1.0042	1.0042	2.92049	6.23412	1.90048	1
cg05615487	ACR	0.0730347	0.0084248	0.660417	-1.51434	0.0249593	0.144599	-6.91649	0.0166	0.102464	-9.76202	0.0166	0.102464	-9.76202	0.0166	0.102464	-9.76202	0.149059	0.374358	-2.67111	0.0367337	0.0477184	-20.9558	0.0166	0.102464	-9.76202	0.0166	-1.38896	0.442796	0.99254	-1.00774	0.127209	0.553286	1.80734	2.92049	0.1549496	0.0475332	1
cg01239074	BC1L11;BC1L11;BC1L11	0.0730325	0.996344	1.00084	1.00084	0.977714	1.00516	1.00516	0.281665	1.22921	1.22921	0.0047745	0.501481	-1.99409	0.248513	0.80072	-1.24888	0.353839	0.838827	-1.19214	0.142672	0.74804	-1.33683	0.043433	0.651881	-1.53402	0.574252	1.11025	1.11025	2.92043	1.57001	0.477863	1
cg21011110	KPNA4	0.073031	0.407133	1.1615	1.1615	0.480186	1.13509	1.13509	0.733817	1.06212	1.06212	0.877928	1.02751	1.02751	0.948019	0.988555	-1.01158	0.588908	1.10112	1.10112	0.00156956	0.448478	-2.22977	0.590972	0.908657	-1.10053	0.930159	0.984642	-1.0156	2.92042	1.4418	0.438841	1
cg12079603	CNNM1	0.073035	0.354473	0.79945	1.25145	0.0944256	0.777365	-1.28643	0.0663132	1.12082	1.12082	0.114985	1.59293	1.59293	0.0129724	0.81614	-1.22556	0.478207	1.10243	1.10243	0.0238346	0.538363	1.85639	1.856391	0.0224998	1.92045	1.920453	-1.03497	0.199077	0.675737	-1.47987	0.23139	0.98002	1.1458	1
cg21966860	HSF1	0.0730351	0.751405	1.10523	1.10523	0.0229834	2.35428	2.35428	0.14089	1.64644	1.64644	0.211959	1.51277	1.51277	0.0271039	0.438821	-2.27884	0.349138

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06258971	ZNF26	0.0730983	0.924932	0.974825	-1.02582	0.742038	0.914514	-1.09348	0.361304	1.28902	1.28902	0.0017278	0.298376	-3.35148	0.584363	1.1612	1.1612	0.941151	1.02018	1.02018	0.471403	1.21921	1.21921	0.30565	0.750539	-1.33238	0.662747	0.888053	-1.12606	2.91936	3.3842	1.03042	1
cg02947253	ADORA3;ADORA3;ADORA3;ADORA3;ADORA3	0.0730988	0.418181	0.790942	-1.26432	0.82335	1.06544	1.06544	0.0993662	0.599241	-1.66878	0.0581147	0.544903	-1.83519	0.0213812	0.456612	-2.19004	0.149943	1.54894	1.54894	0.28087	1.37404	1.37404	0.19663	1.4726	1.4726	0.222833	0.695483	-1.43785	2.91935	3.71595	1.13144	1
cg24053619	KIAA1841;KIAA1841	0.073099	0.331113	0.777541	-1.28611	0.887649	0.965151	-1.03611	0.690098	0.904325	-1.1058	0.162769	1.45337	1.45337	0.497421	1.1887	1.1887	0.00469675	0.389527	-2.56722	0.0736196	1.64946	1.64946	0.646057	1.12303	1.12303	0.78889	0.934879	-1.06966	2.91935	2.91111	0.886381	1
cg10276667	RSPH4A;RSPH4A	0.0731022	0.0831477	1.30349	1.30349	0.0428297	1.38001	1.38001	0.811031	0.967447	-1.03365	0.578916	0.925469	-1.08053	0.770854	1.04118	1.04118	0.0272499	1.43478	1.43478	0.0964271	0.777096	-1.28684	0.348379	1.1427	1.1427	0.0528878	1.35526	1.35526	2.9193	0.882613	0.268744	1
cg06902698	SCNM1;LYSMD1;LYSMD1	0.0731028	0.101561	1.96284	1.96284	0.0310427	2.59186	2.59186	0.0345793	2.52712	2.52712	0.0203429	2.86374	2.86374	0.700339	0.8646	-1.1566	0.915662	0.960931	-1.04066	0.829352	0.922005	-1.08459	0.491254	0.768725	-1.30086	0.0838961	2.05361	2.05361	2.91929	6.54402	1.99258	1
cg09711214	TEAD1	0.0731042	0.78349	0.936466	-1.06784	0.0166136	2.00792	2.00792	0.0998756	1.53684	1.53684	0.775536	1.07051	1.07051	0.462267	0.836656	-1.19523	0.271825	0.761388	-1.31339	0.297481	1.29357	1.29357	0.937981	1.01872	1.01872	0.0236309	0.525186	-1.90409	2.91927	2.62602	0.799597	1
cg05492660	ANKRD53;ANKRD53	0.0731071	0.0257497	0.250526	-3.9916	0.417655	1.54172	1.54172	0.670566	1.25062	1.25062	0.391479	0.631985	-1.58232	0.0654076	0.339278	-2.94743	0.0688932	0.345061	-2.89804	0.186087	0.480604	-2.08071	0.082839	0.366461	-2.7288	0.111431	2.47493	2.47493	2.91922	12.63	3.84577	1
cg17778313	PRR19	0.0731081	0.175574	0.863332	-1.1583	0.794569	0.973727	-1.02698	0.00761985	0.704638	-1.41917	0.0339285	0.776756	-1.28741	0.0826541	0.821924	-1.21666	0.388366	0.913749	-1.09439	0.0344613	0.777525	-1.28613	0.466855	0.92724	-1.07847	0.0490418	0.795116	-1.25768	2.9192	0.481289	0.146551	1
cg17685111	BMP8A	0.0731085	0.64729	1.1465	1.1465	0.0229067	2.24293	2.24293	0.212338	1.47678	1.47678	0.148933	1.58309	1.58309	0.713391	1.11571	1.11571	0.102009	1.70093	1.70093	0.0318783	2.10935	2.10935	0.00607764	2.89551	2.89551	0.440332	1.26307	1.26307	2.9192	4.07225	1.23999	1
cg22896429	MTHFD1L	0.0731088	0.915273	0.977071	-1.02347	0.142201	0.708998	-1.41044	0.500404	0.861496	-1.16077	0.465502	1.17573	1.17573	0.0743012	1.54258	1.54258	0.296719	0.789926	-1.26594	0.034439	1.712	1.712	0.0332962	0.581443	-1.71986	0.240706	0.765123	-1.30698	2.91919	2.19646	0.668817	1
cg06357807	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.0731096	0.0600629	0.764778	-1.30757	0.0232451	1.40909	1.40909	0.146417	1.21785	1.21785	0.14527	0.820591	-1.21863	0.327185	0.879961	-1.13641	0.972942	0.995721	-1.0043	0.383009	0.893062	-1.11974	0.38637	1.11881	1.11881	0.114148	1.24268	1.24268	2.91918	0.738971	0.225017	1
cg12647142	CBX3;HNRNPA2B1;CBX3;HNRNPA2B1	0.0731131	0.671485	1.13738	1.13738	0.00521785	0.328867	-3.04074	0.409777	0.775406	-1.28965	0.196555	0.662309	-1.50987	0.64149	0.868059	-1.152	0.125863	1.64833	1.64833	?	?	?	0.317662	1.36572	1.36572	0.728025	1.11109	1.11109	2.95663	3.78987	1.28182	1
cg22147262	TNFAIP8L3	0.0731163	0.20436	0.434521	-2.30138	0.143959	0.376464	-2.65629	0.804321	0.856859	-1.16705	0.409239	0.591423	-1.69084	0.0287904	0.200968	-4.97593	0.041062	0.230617	-4.3362	0.0115316	0.139994	-7.14315	0.018674	0.169645	-5.89465	0.346377	0.546923	-1.82841	2.91907	17.9038	5.4519	1
cg00501787	RBM42	0.0731165	0.193229	0.790298	-1.26535	0.966635	0.992876	-1.00718	0.103221	0.737379	-1.35616	0.423364	0.869557	-1.15001	0.0880106	0.724834	-1.37963	0.693465	1.07006	1.07006	0.00694482	1.81672	1.81672	0.320172	0.838968	-1.19194	0.674386	0.930319	-1.0749	2.91907	1.35076	0.411322	1
cg14341579	IRS2;IRS2	0.073117	0.162369	1.63219	1.63219	0.847382	0.938676	-1.06533	0.641471	0.857252	-1.16652	0.0031539	0.265769	-3.76267	0.322326	0.714775	-1.39904	0.0663762	0.508515	-1.96651	0.649029	1.16241	1.16241	0.942285	0.9765	-1.02407	0.717742	0.887605	-1.12663	2.91906	4.98725	1.51868	1
ch.11.1702122	GAB2	0.0731174	0.187968	0.302982	-3.30053	?	?	?	0.14373	0.260685	-3.83604	0.141021	0.257958	-3.8766	0.0604546	0.163339	-6.12224	0.00298155	0.030592	-32.6883	0.335764	0.427632	-2.33846	0.726945	0.740792	-1.34991	0.395135	0.474564	-2.1072	2.95656	30.4874	10.3118	1
cg16429214	FAM100B	0.0731183	0.139182	0.730989	-1.36801	0.187946	0.759802	-1.31613	0.31469	0.814897	-1.22715	0.452767	0.860202	-1.16252	0.00242334	0.435464	-2.2964	0.0808811	0.683123	-1.46387	0.0647102	0.664661	-1.50453	0.892551	0.973744	-1.02696	0.870064	0.968284	-1.03276	2.91904	1.79191	0.545663	1
cg13098621	ZNF395	0.0731193	0.436762	0.890814	-1.12257	0.268982	1.18268	1.18268	0.0842832	1.32093	1.32093	0.250872	0.839583	-1.19107	0.393169	1.13596	1.13596	0.554354	0.91653	-1.09107	0.00523181	0.584581	-1.71063	0.566064	0.918934	-1.08822	0.519569	1.09982	1.09982	2.91902	0.981923	0.299011	1
cg05045335	RERE;RERE;RERE	0.0731194	0.437313	0.698432	-1.43178	0.110891	0.455304	-2.19634	0.0671462	0.394782	-2.53305	0.227745	1.77453	1.77453	0.679546	0.828483	-1.20703	0.92981	0.960879	-1.04071	0.389994	0.670977	-1.49036	0.00755688	4.7432	4.7432	0.82687	1.10431	1.10431	2.91902	9.4861	2.88867	1
cg07565472	FEV	0.0731236	0.61504	1.26623	1.26623	0.00842885	4.78815	4.78815	0.124461	2.16915	2.16915	0.0898252	2.38801	2.38801	0.200934	0.533242	-1.87532	0.117431	2.20693	2.20693	0.231186	0.557304	-1.79435	0.811704	1.1175	1.1175	0.232527	1.79106	1.79106	2.91895	10.0181	3.05074	1
cg00585213	AGAP1;AGAP1	0.073124	0.0648563	0.386476	-2.58748	0.021533	0.282001	-3.54608	0.0145843	0.251753	-3.97214	0.140684	0.483541	-2.06808	0.145176	0.488064	-2.04891	0.348206	1.55712	1.55712	0.342986	0.638939	-1.56509	0.71361	1.18414	1.18414	0.722384	1.1777	1.1777	2.91895	9.71914	2.95971	1
cg05642873	RABIF	0.0731285	0.161138	0.813654	-1.22902	0.0963173	0.777551	-1.28609	0.227681	1.19064	1.19064	0.698891	0.94785	-1.05502	0.763102	0.959203	-1.04253	0.624537	1.07033	1.07033	0.00355091	0.580169	-1.72363	0.757667	1.04357	1.04357	0.212107	0.834346	-1.19854	2.91887	0.877706	0.267289	1
cg26348348	LYPD1;LYPD1;LYPD1	0.0731286	0.0392173	0.357831	-2.79462	0.312426	0.637577	-1.56844	0.16416	0.527605	-1.89536	0.0862092	0.441963	-2.26263	0.0721734	0.421307	-2.37356	0.135822	0.500399	-1.99841	0.00819701	0.232921	-4.2933	0.0242128	0.314316	-3.18151	0.725173	0.858962	-1.1642	2.91887	8.57673	2.61189	1
cg14263070	MEGF6	0.0731289	0.11857	0.493816	-2.02505	0.308669	0.644827	-1.5508	0.415717	0.707215	-1.414	0.28764	0.631441	-1.58368	0.0196785	0.309327	-3.23283	0.486888	0.745144	-1.34202	0.00267533	0.177483	-5.63433	0.561529	0.783128	-1.27693	0.727491	0.86443	-1.15683	2.91887	8.01696	2.44142	1
cg22979615	HCCA2	0.073129	0.399872	0.725212	-1.37891	0.00384596	0.234031	-4.27293	0.454112	0.752553	-1.32881	0.917211	0.961977	-1.03953	0.0915039	0.500177	-1.99929	0.0976035	0.507809	-1.96925	0.0277873	0.379243	-2.63683	0.409827	0.73034	-1.36923	0.77177	1.11453	1.11453	2.91886	6.42543	1.95675	1
cg10802543	LY6K;LY6K;LY6K	0.0731319	0.405532	1.19714	1.19714	0.678972	0.915764	-1.09198	0.0042026	0.444566	-2.24938	0.696955	1.08627	1.08627	0.979534	1.00544	1.00544	0.0705902	0.652304	-1.53303	0.227219	1.30741	1.30741	0.215222	0.758943	-1.31762	0.302667	0.797909	-1.25328	2.91882	2.06671	0.62939	1
cg12842305	GPATCH8	0.0731319	0.780824	1.03759	1.03759	0.311982	1.1484	1.1484	0.0816505	1.29083	1.29083	0.626071	0.937102	-1.06712	0.542453	1.08499	1.08499	0.820985	1.03044	1.03044	0.00498518	0.611596	-1.63507	0.216373	0.841895	-1.1878	0.302168	1.15189	1.15189	2.91882	0.809039	0.246383	1
cg15145985	CPSF4;CPSF4	0.0731328	0.156099	0.64344	-1.55415	0.452645	0.800649	-1.24899	0.739923	1.10165	1.10165	0.349039	0.755675	-1.32332	0.00287121	0.303686	-3.29288	0.0819601	0.571167	-1.7508	0.21904	0.686859	-1.4559	0.320442	1.3476	1.3476	0.664478	0.880896	-1.13521	2.9188	3.90362	1.1888	1
cg04591308	RAB8A	0.0731332	0.727825	0.942284	-1.06125	0.0305092	1.54122	1.54122	0.0728416	1.40563	1.40563	0.328728	1.18711	1.18711	0.958126	1.00897	1.00897	0.419446	0.869041	-1.15069	0.0135408	1.68195	1.68195	0.54094	1.11106	1.11106	0.13792	0.761991	-1.31235	2.9188	1.33835	0.40758	1
cg05296619	RASA3	0.0731351	0.247839	1.36672	1.36672	0.00748279	2.43598	2.43598	0.985509	1.00471	1.00471	0.120814	0.647237	-1.54503	0.587556	0.867961	-1.15213	0.0679976	1.69645	1.69645	0.655849	1.12298	1.12298	0.133871	1.519	1.519	0.4412	0.816207	-1.22518	2.91877	3.09101	0.941344	1
cg05284582	DNAJC18	0.0731365	0.109311	0.830655	-1.20387	0.0289943	1.3146	1.3146	0.354184	1.1066	1.1066	0.461596	1.0829	1.0829	0.253851	0.881066	-1.13499	0.257961	0.88211	-1.13365	0.0166728	1.36422	1.36422	0.859049	0.981288	-1.01907	0.797117	0.972995	-1.02775	2.91874	0.521998	0.158972	1
cg09252457	USP22	0.0731373	0.663369	0.927022	-1.07872	0.00876384	1.78188	1.78188	0.113643	0.742422	-1.34694	0.49875	1.12617	1.12617	0.318476	1.1953	1.1953	0.653645	0.924828	-1.08128	0.129457	1.3277	1.3277	0.178117	1.28091	1.28091	0.0552672	1.45639	1.45639	2.91873	1.3839	0.421462	1
cg10969465	FLJ22536	0.0731379	0.117594	1.30498	1.30498	0.85881	0.972498	-1.02828	0.0754487	0.733475	-1.36337	0.204687	1.23319	1.23319	0.476238	1.12013	1.12013	0.991985	1.00157	1.00157	0.0208348	1.54595	1.54595	0.614494	1.08279	1.08279	0.0429004	0.694236	-1.44043	2.91872	1.13388	0.345319	1
cg18011803	FBXL3	0.0731427	0.552092	1.09835	1.09835	0.0886249	0.746086	-1.34033	0.0420677	0.694009	-1.4409	0.83381	0.967766	-1.03331	0.673584	1.0683	1.0683	0.228858	1.21766	1.21766	0.090452	1.33765	1.33765	0.111335	0.763024	-1.31057	0.0406136	0.691648	-1.44582	2.91864	1.12411	0.342353	1
cg00292447	ST3GAL4	0.0731434	0.167582	1.41354	1.41354	0.0114169	2.10625	2.10625	0.781766	1.06752	1.06752	0.572774	1.14349	1.14349	0.469749	1.18891	1.18891	0.315809	0.783466	-1.27638	0.00865086	2.19801	2.19801	0.225924	1.34877	1.34877	0.717686	0.918118	-1.08918	2.91863	2.559	0.77936	1
cg25966682	LRP1	0.0731456	0.237321	1.20421	1.20421	0.0455028	1.41097	1.41097	0.292202	0.848709	-1.17826	0.266987	1.18957	1.18957	0.321848	0.857597	-1.16605	0.0299914	1.46699	1.46699	0.0164023	1.55314	1.55314	0.218606	1.21437	1.21437	0.91471	1.01621	1.01621	2.9186	1.04148	0.317193	1
cg24544298	DHX16;DHX16	0.0731462	0.353255	0.802035	-1.24683	0.00489928	0.422681	-2.36585	0.0153307	0.502882	-1.98854	0.601357	0.885372	-1.12947	0.178045	0.718543	-1.39171	0.0513676	0.599092	-1.66919	0.161466	0.707972	-1.41249	0.660097	0.902837	-1.10762	0.508033	0.856338	-1.16776	2.91859	2.4657	0.750956	1
cg23219808	BRP44L	0.0731502	0.111623	0.556336	-1.79748	0.00458394	0.278815	-3.5866	0.883779	1.05075	1.05075	0.122465	1.76193	1.76193	0.325167	0.709056	-1.41033	0.290264	0.689749	-1.4498	0.170111	0.609899	-1.63962	0.673858	1.15401	1.15401	0.33192	0.71266	-1.40319	2.91852	5.29358	1.61225	1
cg10904849	AGPAT4	0.073151	0.289728	1.23096	1.23096	0.605947	1.1034	1.1034	0.445496	0.863239	-1.15843	0.481097	0.87335	-1.14502	0.949332	0.988055	-1.01209	0.169104	0.758033	-1.3192	0.0227502	1.67447	1.67447	0.926091	0.982608	-1.0177	0.00869056	1.88206	1.88206	2.91851	1.65277	0.503384	1
cg23492043	ASTN1;ASTN1	0.0731512	0.198645	0.794962	-1.25792	0.228069	0.807579	-1.23827	0.00593778	1.83634	1.83634	0.404442	1.155	1.155	0.587301	0.911585	-1.09699	0.588246	0.911802	-1.09673	0.210627	0.800258	-1.2496	0.160079	0.776051	-1.28858	0.449727	1.13895	1.13895	2.91851	1.31893	0.401708	1
cg27209130	BTD;HACL1;BTD	0.073152	0.652985	1.09063	1.09063	0.0916672	1.42761	1.42761	0.562705	0.893882	-1.11872	0.565446	1.11782	1.11782	0.43455	1.16514	1.16514	0.537932	0.887319	-1.12699	0.00290976	0.456422	-2.19095	0.729492	1.06881	1.06881	0.827178	1.0428	1.0428	2.91849	1.69847	0.517306	1
cg10261751	CLCN7;CLCN7	0.0731555	0.963186	1.00518	1.00518	0.446888	1.09072	1.09072	0.0137396	1.4067	1.4067	0.112768	1.21333	1.21333	0.287809	0.883718	-1.13158	0.264773	0.877928	-1.13905	0.115239	1.21146	1.21146	0.0639562	0.791977	-1.26266	0.745909	1.03709	1.03709	2.91844	0.579945	0.176638	1
cg13468624	PSORS1C3	0.0731568	0.925376	0.960285	-1.04136	0.0433064	0.365883	-2.73311	0.114435	0.475823	-2.10162	0.396761	1.45554	1.45554	0.00580191	0.209473	-4.77388	0.297624	1.59531	1.59531	0.25811	0.600223	-1.66605	0.373582	0.673605	-1.48455	0.315605	0.638363	-1.56651	2.91842	8.64902	2.63431	1
cg03907575	DIP2B	0.073158	0.931211	1.03759	1.03759	0.0266324	3.07413	3.07413	0.0173404	3.45102	3.45102	0.359006	1.49654	1.49654	0.115053	0.48073	-2.08017	0.204701	1.7719	1.7719	0.438997	0.713624	-1.4013	0.296964	0.629887	-1.58759	0.597876	0.796502	-1.25549	2.9184	8.44534	2.57229	1
cg07623567	HLA-DMB	0.073161	0.42478	0.777066	-1.28689	0.438689	1.27688	1.27688	0.212292	0.665952	-1.50161	0.101935	0.574659	-1.74016	0.644867	1.15444	1.15444	0.0763989	1.84043	1.84043	0.19065	1.53545	1.53545	0.0209059	0.423137	-2.3633	0.108842	0.582084	-1.71796	2.91835	4.4258	1.34804	1
cg14587704	ST3GAL1;ST3GAL1	0.0731612	0.925809	0.973137	-1.02761	0.339698	0.749985	-1.33336	0.00864564	0.375783	-2.66111	0.631918	0.868396	-1.15155	0.0111534	0.394529	-2.53467	0.757427	0.913402	-1.09481	0.0716086	0.555346	-1.80068	0.40352	1.28393	1.28393	0.33988	0.750071	-1.33321	2.91834	3.95094	1.2034	1
cg08985968	PCCA;PCCA	0.0731622	0.0235344	0.157106	-6.36512	0.940661	0.950334	-1.05226	0.555872	1.50326	1.50326	0.235874	0.427416	-2.33964	0.0499446	0.216564	-4.61758	0.133046	0.329896	-3.03126	0.00785205	0.0968884	-10.3212	0.131039	0.3277	-3.05157	0.496851	0.623725	-1.60327	2.91833	21.6416	6.59178	1
cg23800202	TBC1D10A	0.0731632	0.872892	0.962322	-1.03915	0.0128131	2.09917	2.09917	0.824135	0.94801	-1.05484	0.804399	0.942214	-1.06133	0.888982	1.03407	1.03407	0.110367	1.51796	1.51796	0.00651446	2.33523	2.33523	0.472303	1.19168	1.19168	0.685317	0.906902	-1.10266	2.91831	2.65947	0.810047	1
cg25688060	BTBD3	0.0731647	0.685665	0.811885	-1.2317	0.00817974	5.65872	5.65872	0.0129681	4.85151	4.85151	0.854979	0.910554	-1.09823	0.264255	0.551032	-1.81478	0.617175	1.29447	1.29447	0.550337	0.733824	-1.36272	0.38966	1.57063	1.57063	0.962482	1.02438	1.02438	2.91829	12.1233	3.69267	1
cg18342581	GIMAP4	0.0731649	0.140394	0.73079	-1.36838	0.926793	1.01834	1.01834	0.154025	0.739514	-1.35224	0.683475	0.922137	-1.08444	0.931028	1.01727	1.01727	0.598633	0.900295	-1.11075	0.00445309	2.1175	2.1175	0.505353	1.14299	1.14299	0.174685	0.751657	-1.33039	2.91828	1.80726	0.550477	1
cg18431408	CLTB;CLTB	0.0731678	0.32245	0.645796	-1.54848	0.888556	1.06182	1.06182	0.591767	0.79326	-1.26062	0.210793	0.568865	-1.75789	0.697373	0.846041	-1.18198	0.119345	2.06084	2.06084	0.310002	0.637981	-1.56744	0.039199	2.77566	2.77566	0.0120261	3.81936	3.81936	2.91824	8.45964	2.57679	1
cg14468856	TPK1;TPK1	0.0731722	0.072826	0.238809	-4.18744	0.0441005	0.191045	-5.23437	0.0176526	0.126742	-7.89003	0.281693	0.449047	-2.22694	0.0682282	0.231961	-4.31106	0.093523	0.267138	-3.74338	0.0183303	0.128929	-7.75621	0.37808	0.523515	-1.91017	0.046678	0.195929	-5.1039	2.91817	23.6685	7.20954	1
cg11983867	MGC87042;MGC87042;MGC87042;MGC87042	0.0731741	0.0608499	34.6073	34.6073	0.0430025	49.6848	49.6848	0.645232	0.459535	-2.17611	0.489927	0.308419	-3.24234	0.212849	0.110746	-9.02965	0.376844	0.218499	-4.57668	?	?	?	?	?	?	0.0442689	48.2052	48.2052	3.00222	104.033	39.6022	1
cg26598649	DLGAP1;DLGAP1	0.0731743	0.251369	0.757429	-1.32026	0.0289026	0.550341	-1.81706	0.635078	0.895084	-1.11721	0.907125	0.973306	-1.02743	0.20479	0.733308	-1.36368	0.806983	1.05839	1.05839	0.00756213	2.21802	2.21802	0.842435	0.954908	-1.04722	0.407383	0.821619	-1.21711	2.91813	2.48399	0.756646	1
cg26912602	IKBKE	0.0731744	0.0156952	0.502153	-1.99142	0.174593	0.714689	-1.39921	0.0700231	0.624247	-1.60193	0.535283	1.15725	1.15725	0.0385289	0.572596	-1.74643	0.0592878	0.609387	-1.64099	0.754497	1.0757	1.0757	0.835901	1.04943	1.04943	0.0657244	0.618543	-1.6167	2.91813	2.50088	0.761789	1
cg08078586	DOC2A	0.0731773	0.0757762	0.292701	-3.41646	0.0380955	0.224383	-4.45666	0.837084	0.87986	-1.13654	0.703516	1.26832	1.26832	0.0848935	0.305923	-3.26879	0.74049	1.22951	1.22951	0.136575	0.368986	-2.71013	0.00578828	0.10568	-9.46252	0.380383	0.571584	-1.74952	2.91808	17.8594	5.44021	1
cg27330553	STEAP1	0.0731774	0.0485328	5.47827	5.47827	0.0249137	7.49597	7.49597	0.919693	0.926714	-1.07908	0.914245	1.08469	1.08469	0.374947	0.502944	-1.98829	0.359614	0.491219	-2.03575	0.405008	0.525705	-1.90221	0.987391	1.012	1.012	0.014504	9.70848	9.70848	2.91808	26.3242	8.01873	1
cg01321088	FAM190A;FAM190A	0.0731807	0.0953267	0.439223	-2.27675	0.00663206	0.205558	-4.8648	0.776997	0.880301	-1.13597	0.749249	0.865907	-1.15486	0.0255948	0.303998	-3.2895	0.0940527	0.437556	-2.28542	0.0842687	0.424214	-2.3573	0.0737983	0.408705	-2.44675	0.799216	0.891869	-1.12124	2.91803	9.31587	2.8378	1
ch.17.1746650	PITPNC1;PITPNC1	0.0731833	0.0323861	0.384359	-2.60174	0.707605	0.866043	-1.15468	0.00493261	0.241373	-4.14297	0.0238662	0.357339	-2.79847	0.307344	0.668077	-1.49683	0.291026	0.658211	-1.51927	0.642348	0.836507	-1.19545	0.985476	1.00697	1.00697	0.991839	0.996104	-1.00391	2.91799	6.73325	2.05111	1
cg18289048	LBR;LBR;LBR	0.0731844	0.653166	0.90944	-1.09958	0.419352	1.18905	1.18905	0.0108768	1.9562	1.9562	0.673149	1.09312	1.09312	0.648668	0.908224	-1.10105	0.565615	0.885255	-1.12962	0.0165594	0.541031	-1.84832	0.922278	1.02069	1.02069	0.195349	0.750199	-1.33298	2.91797	2.03531	0.620009	1
cg12446209	NRXN1;NRXN1	0.0731855	0.101643	0.394131	-2.53723	0.0355216	3.56658	3.56658	0.0562992	3.07392	3.07392	0.473404	1.46061	1.46061	0.164495	0.462748	-2.161	0.684633	1.23633	1.23633	0.400729	0.63961	-1.56345	0.0451026	3.30189	3.30189	0.433491	1.51475	1.51475	2.91795	12.4749	3.8002	1
cg24006341	ZCCHC13;ZCCHC13	0.0731863	0.181921	1.74267	1.74267	0.781235	1.11531	1.11531	0.215219	0.599672	-1.66758	0.623776	1.21385	1.21385	0.0255964	0.35359	-2.82813	0.0187714	3.05324	3.05324	0.112048	1.97051	1.97051	0.692759	0.855841	-1.16844	0.536301	1.27824	1.27824	2.91794	7.10132	2.16327	1
cg15963417	PAH;PAH	0.0731873	0.0685883	6.83169	6.83169	0.0491062	8.30912	8.30912	0.4287	2.14165	2.14165	0.649917	1.53835	1.53835	0.0733314	6.56842	6.56842	0.224603	3.32807	3.32807	0.0111434	20.0672	20.0672	0.0328916	10.5085	10.5085	0.0329927	10.4896	10.4896	2.91792	41.0613	12.5085	1
cg18472185	CBR4	0.0731883	0.0127604	0.491309	-2.03538	0.717017	1.0872	1.0872	0.902794	0.972325	-1.02846	0.00956275	0.470613	-2.12489	0.225422	0.746448	-1.33968	0.141313	0.695349	-1.43813	0.436496	1.20002	1.20002	0.554738	1.1471	1.1471	0.646234	0.899284	-1.112	2.91791	2.43818	0.74275	1
cg17102197	AGAP3	0.0731898	0.731852	1.31528	1.31528	0.0143359	11.0842	11.0842	0.00627524	17.0644	17.0644	0.494777	1.73735	1.73735	0.615773	0.668214	-1.49653	0.820441	1.19858	1.19858	0.210853	2.85876	2.85876	0.0645446	5.22967	5.22967	0.279703	2.44823	2.44823	2.91788	29.3355	8.93663	1
cg12637709	RASGEF1A	0.0731917	0.765112	1.20863	1.20863	0.024792	0.18455	-5.41858	0.861497	1.11676	1.11676	0.273828	2.05469	2.05469	0.00537875	0.0985034	-10.1519	0.784573	1.18921	1.18921	0.387503	1.75092	1.75092	0.949807	1.04061	1.04061	0.632769	0.737537	-1.35587	2.91785	18.4814	5.63013	1
cg15066991	RNF213;LOC100294362	0.0731946	0.829558	0.966017	-1.03518	0.339412	0.853924	-1.17106	0.0428528	0.688109	-1.45326	0.0239631	1.54028	1.54028	0.593644	0.917254	-1.09021	0.0167788	0.626198	-1.59694	0.523359	1.1093	1.1093	0.804135	0.960933	-1.04066	0.579713	0.914194	-1.09386	2.9178	1.18856	0.362087	1
cg14666972	SEMA4B;SEMA4B	0.073195	0.572115	0.919322	-1.08776	0.0207654	0.663539	-1.50707	0.551692	0.915091	-1.09279	0.0047533	0.57554	-1.7375	0.612735	0.927547	-1.07811	0.103011	0.768885	-1.30058	0.477128	1.11239	1.11239	0.64334	1.07112	1.07112	0.415278	0.884533	-1.13054	2.9178	1.00334	0.305662	1
cg11963660	RNF39;RNF39	0.0731955	0.0710316	2.68069	2.68069	0.0102793	4.86143	4.86143	0.0718887	2.6709	2.6709	0.210719	1.90563	1.90563	0.0804094	2.58108	2.58108	0.0434723	3.11208	3.11208	0.067429	2.72354	2.72354	0.428361	1.48489	1.48489	0.0319276	3.41839	3.41839	2.91779	11.0475	3.36556	1
cg08356705	LRP5	0.0731979	0.50862	1.64624	1.64624	0.433777	0.552235	-1.81082	0.0291026	0.147802	-6.7658	0.867513	0.883274	-1.13215	0.264206	0.420982	-2.3754	0.173249	0.340518	-2.9367	0.0845009	0.242052	-4.13135	0.0167438	8.76533	8.76533	0.673145	0.729483	-1.37083	2.91775	25.539	7.78041	1
cg13476072	MTMR11;MTMR11	0.0731983	0.428218	1.30498	1.30498	0.390128	0.748403	-1.33618	0.0186788	2.55523	2.55523	0.0199822	2.51958	2.51958	0.50338	0.799718	-1.25044	0.779683	1.09668	1.09668	0.10211	0.554983	-1.80186	0.877541	1.05206	1.05206	0.144753	1.67443	1.67443	2.91775	5.00501	1.52477	1
cg03594506	GAS7	0.0731988	0.952092	1.0255	1.0255	0.00972978	3.9367	3.9367	0.0509159	2.53932	2.53932	0.487801	0.744243	-1.34365	0.738177	0.868851	-1.15094	0.192798	1.78176	1.78176	0.0806633	0.444035	-2.25207	0.846396	1.08467	1.08467	0.372035	0.681085	-1.46825	2.91774	8.11494	2.47222	1
cg26159385	DUSP9	0.0732005	0.0621789	0.0782531	-12.779	0.623195	1.8238	1.8238	0.720037	1.54763	1.54763	0.260251	4.15763	4.15763	0.639529	1.77254	1.77254	0.42351	2.69643	2.69643	0.875721	0.827027	-1.20915	0.00926377	54.9866	54.9866	0.0263188	24.4599	24.4599	2.91771	68.043	20.7295	1
cg23099913	HOXB1	0.0732009	0.164485	3.25311	3.25311	0.0483787	6.01277	6.01277	0.264633	2.52108	2.52108	0.132032	3.64321	3.64321	0.0444024	6.27291	6.27291	0.0567089	5.559	5.559	0.0116343	12.2834	12.2834	0.0932829	4.34183	4.34183	0.0274266	7.96363	7.96363	2.9177	29.2299	8.90499	1
cg12006544	RNF17	0.0732015	0.836011	0.962277	-1.0392	0.630903	0.914108	-1.09396	0.00628123	0.516613	-1.93569	0.694941	0.929493	-1.07586	0.682917	1.07917	1.07917	0.84943	1.03589	1.03589	0.0373341	1.56566	1.56566	0.206452	0.780975	-1.28045	0.148233	0.749969	-1.33339	2.91769	1.59038	0.484517	1
cg08448812	PCDHA6;PCDHA2;PCDHA1;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA6	0.073203	0.0193008	8.60979	8.60979	0.239141	2.5545	2.5545	0.252708	2.48162	2.48162	0.252237	2.48405	2.48405	0.0609855	4.98546	4.98546	0.0954262	4.02949	4.02949	0.0180279	8.89768	8.89768	0.0193045	8.609	8.609	0.0767036	4.47195	4.47195	2.91767	26.7453	8.14816	1
cg26341831	TMEM63A	0.0732034	0.0740074	0.302538	-3.30536	0.0107379	0.145898	-6.85408	0.0224329	0.193563	-5.16629	0.271302	0.502764	-1.989	0.853234	0.894766	-1.11761	0.308436	0.531018	-1.88318	0.289132	0.516502	-1.9361	0.192194	2.29068	2.29068	0.728874	1.23236	1.23236	2.91766	16.6593	5.07538	1
cg27444651	RAB28;RAB28;RAB28	0.0732042	0.0988983	0.800436	-1.24932	0.905553	0.985503	-1.01471	0.011389	1.47653	1.47653	0.140237	0.822656	-1.21558	0.196888	0.84548	-1.18276	0.554123	0.929022	-1.0764	0.46737	1.09525	1.09525	0.176174	0.837843	-1.19354	0.216657	1.17344	1.17344	2.91765	0.699414	0.213083	1
cg23437742	NXF1;NXF1	0.0732049	0.328486	0.919178	-1.08793	0.0917817	1.16779	1.16779	0.582715	1.04746	1.04746	0.0301024	1.23754	1.23754	0.182596	0.88853	-1.12545	0.794566	0.978432	-1.02204	0.0357148	0.81528	-1.22657	0.554399	1.05124	1.05124	0.124392	1.14915	1.14915	2.91764	0.322625	0.098291	1
cg09646073	N4BP1	0.0732059	0.503368	0.837971	-1.19336	0.0104694	0.432261	-2.31342	0.0700411	0.590242	-1.69422	0.243924	0.728088	-1.37346	0.631094	1.13421	1.13421	0.169825	1.46317	1.46317	0.589624	1.15228	1.15228	0.326279	0.768123	-1.30188	0.0394793	0.537965	-1.85886	2.91762	3.13074	0.953817	1
cg14465376	GBE1	0.0732079	0.456067	0.784116	-1.27532	0.841185	1.06639	1.06639	0.0394276	0.466113	-2.1454	?	?	?	0.0196456	0.405341	-2.46706	0.45876	1.2734	1.2734	0.390194	0.754209	-1.32589	0.641837	1.16192	1.16192	0.0181837	0.399031	-2.50607	2.95506	4.26997	1.44497	1
cg15884430	NPM1;NPM1;NPM1	0.0732091	0.085871	0.489906	-2.04121	0.383708	1.39902	1.39902	0.476902	1.31243	1.31243	0.223468	0.618282	-1.61738	0.0377726	0.404268	-2.47361	0.0739482	0.472986	-2.11423	0.0276412	0.375736	-2.66145	0.339229	1.44816	1.44816	0.116467	0.526652	-1.89879	2.91757	6.52971	1.98939	1
cg13412063	SOS1	0.0732105	0.521752	0.892762	-1.12012	0.0684682	1.42805	1.42805	0.2506	1.23333	1.23333	0.0201974	0.613032	-1.63124	0.447868	1.14468	1.14468	0.428674	0.86836	-1.1516	0.0888303	0.720452	-1.38802	0.198373	0.788628	-1.26802	0.187549	1.27633	1.27633	2.91755	1.41012	0.429622	1
cg06456831	HERC2P2	0.0732153	0.250903	1.34076	1.34076	0.0259961	1.90768	1.90768	0.0073591	2.32642	2.32642	0.042459	1.77028	1.77028	0.558586	0.865375	-1.15557	0.59383	1.14062	1.14062	0.338306	1.27286	1.27286	0.0787089	1.61171	1.61171	0.764877	1.07607	1.07607	2.91747	2.76071	0.841127	1
cg07744502	C11orf75	0.0732171	0.0483728	0.302295	-3.30802	0.307819	1.75047	1.75047	0.368631	1.63193	1.63193	0.963192	1.02478	1.02478	0.00477049	0.137074	-7.29535	0.392479	1.59145	1.59145	0.48123	0.684056	-1.46187	0.579856	0.743354	-1.34525	0.297635	0.56402	-1.77299	2.91744	12.9983	3.96033	1
cg11539064	LRRC58	0.0732185	0.10374	1.30724	1.30724	0.292801	0.848446	-1.17862	0.0220997	1.51175	1.51175	0.305249	0.852255	-1.17336	0.184838	1.23588	1.23588	0.7492	0.952847	-1.04949	0.0423429	0.703197	-1.42208	0.730672	0.949295	-1.05341	0.208083	1.22124	1.22124	2.91742	1.04779	0.319245	1
cg24290586	BTNL2	0.0732193	0.810265	0.937115	-1.06711	0.0164884	0.453317	-2.20596	0.0874655	0.600824	-1.66438	0.786021	1.07625	1.07625	0.442456	1.2355	1.2355	0.536662	1.18406	1.18406	0.0510418	1.82229	1.82229	0.0725321	1.71785	1.71785	0.883801	1.04028	1.04028	2.91741	3.36928	1.02657	1
cg11614065	WWC1;WWC1;WWC1	0.0732194	0.794633	0.972717	-1.02805	0.248391	0.879894	-1.1365	0.466647	0.924453	-1.08172	0.814265	1.02527	1.02527	0.193681	1.15701	1.15701	0.68118	0.957138	-1.04478	0.0712908	1.23815	1.23815	0.00849122	1.42796	1.42796	0.0481441	1.27062	1.27062	2.91741	0.519584	0.158309	1
cg15581500	HSBP1	0.0732201	0.91611	1.01481	1.01481	0.0210023	1.4733	1.4733	0.226283	0.837509	-1.19402	0.0860022	0.767372	-1.30315	0.164318	1.2301	1.2301	0.482276	1.10481	1.10481	0.277912	0.854298	-1.17055	0.0367503	1.40303	1.40303	0.847204	1.02729	1.02729	2.91739	0.900015	0.274222	1
cg13850344	P2RX4	0.0732218	0.0229851	0.53791	-1.85905	0.0285259	1.80254	1.80254	0.618891	1.12112	1.12112	0.54532	0.869747	-1.14976	0.319853	1.2641	1.2641	0.610305	0.889421	-1.12433	0.0599394	1.62239	1.62239	0.213913	0.742033	-1.34765	0.911749	0.975039	-1.0256	2.91737	2.40176	0.73179	1
cg20164068	KANK4	0.0732232	0.451572	1.26943	1.26943	0.227018	0.674018	-1.48364	0.506191	0.810747	-1.23343	0.583061	1.18819	1.18819	0.0525201	1.98516	1.98516	0.102684	0.573843	-1.74264	0.019144	0.414034	-2.41526	0.262058	0.695064	-1.43872	0.0756132	0.540555	-1.84995	2.91734	4.47008	1.36199	1
cg20721467	MYST4	0.0732232	0.511685	0.763873	-1.30912	0.0328869	2.74537	2.74537	0.00847155	3.89693	3.89693	0.231512	1.66176	1.66176	0.533872	0.774929	-1.29044	0.278704	1.57746	1.57746	0.165522	1.81952	1.81952	0.0396048	2.61982	2.61982	0.566834	1.264	1.264	2.91734	7.56732	2.3057	1
cg05071195	ANKRD11	0.0732246	0.149684	2.02737	2.02737	0.00808153	4.72127	4.72127	0.0922343	2.33489	2.33489	0.27548	1.6805	1.6805	0.88664	1.06744	1.06744	0.15858	1.99284	1.99284	0.0813101	0.413067	-2.42091	0.136075	2.0853	2.0853	0.662566	1.22251	1.22251	2.91732	9.67297	2.94729	1
cg00194277	INMT	0.0732249	0.203385	0.661903	-1.51079	0.682774	1.13461	1.13461	0.290157	0.713619	-1.40131	0.595746	1.17888	1.17888	0.0254571	0.442131	-2.26177	0.771603	0.914429	-1.09358	0.0043751	0.31043	-3.22134	0.485029	0.804072	-1.24367	0.11529	0.590827	-1.69254	2.91732	4.36433	1.32978	1
cg27384769	IL27RA	0.073228	0.720263	0.920145	-1.08679	0.0464567	0.589877	-1.69527	0.112629	0.670518	-1.49139	0.00957053	0.467986	-2.13682	0.0555908	0.605292	-1.65209	0.0331107	0.561822	-1.77992	0.87436	0.96404	-1.0373	0.358819	0.803826	-1.24405	0.540816	1.15407	1.15407	2.91727	2.47479	0.754067	1
cg25616216	SNX32	0.0732281	0.677518	0.884826	-1.13017	0.250439	1.42105	1.42105	0.421426	1.27164	1.27164	0.373129	0.765272	-1.30672	0.0151634	0.417736	-2.39386	0.344822	0.752237	-1.32937	0.315147	1.35515	1.35515	0.0168308	0.425948	-2.3477	0.421009	1.27192	1.27192	2.91726	3.95562	1.20528	1
cg10843046	POLG;POLG	0.0732282	0.117106	0.309082	-3.23539	0.164011	0.359036	-2.78524	0.0457793	0.206095	-4.85214	0.0578507	0.227826	-4.38931	0.080985	0.263271	-3.79836	0.10605	0.295949	-3.37897	0.0117319	0.113998	-8.77206	0.0229773	0.153194	-6.52766	0.115062	0.306703	-3.26049	2.91726	21.9817	6.69782	1
cg27555525	PTPRS;PTPRS;PTPRS;PTPRS	0.0732319	0.541957	1.13201	1.13201	0.039644	1.61265	1.61265	0.469676	1.15921	1.15921	0.360409	1.20787	1.20787	0.176924	1.33414	1.33414	0.110575	0.705227	-1.41798	0.0469308	1.57905	1.57905	0.0173155	1.79001	1.79001	0.101801	1.43297	1.43297	2.9172	1.86393	0.567949	1
cg12853521	MC5R	0.0732329	0.250448	0.671142	-1.49	0.498309	1.25642	1.25642	0.88045	0.951254	-1.05124	0.725217	0.889422	-1.12433	0.67487	1.15037	1.15037	0.253155	0.672803	-1.48632	0.00682309	0.312315	-3.20189	0.0391016	0.452544	-2.20973	0.03188	0.433841	-2.30499	2.91719	5.09425	1.55226	1
cg27262850	MBP;MBP	0.073234	0.957659	1.01782	1.01782	0.278063	1.45539	1.45539	0.455789	1.28753	1.28753	0.0418264	0.458176	-2.18257	0.597514	1.19396	1.19396	0.0271238	2.38762	2.38762	0.0311086	2.32054	2.32054	0.205829	1.55897	1.55897	0.287996	0.692796	-1.44343	2.91717	5.11426	1.55836	1
cg23793121	CCDC3	0.073236	0.617303	0.956928	-1.04501	0.582499	0.952635	-1.04972	0.0902743	1.17721	1.17721	0.0913655	1.17643	1.17643	0.104806	0.856479	-1.16757	0.597547	0.954506	-1.04766	0.106981	0.857452	-1.16625	0.0137338	0.76623	-1.30509	0.976262	0.997403	-1.0026	2.91714	0.352888	0.107529	1
cg06648483	SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.0732406	0.368669	0.838217	-1.19301	0.245886	0.792975	-1.26107	0.46228	1.15376	1.15376	0.613364	0.907207	-1.10228	0.0298816	0.613609	-1.6297	0.864375	1.03322	1.03322	0.0131981	0.555869	-1.79899	0.0152787	0.565932	-1.767	0.213888	0.778691	-1.28421	2.91706	1.68778	0.5143	1
cg04348707	HLA-DOB	0.0732414	0.27355	1.73846	1.73846	0.357506	0.631756	-1.58289	0.0163596	0.240665	-4.15515	0.0464997	0.33068	-3.02407	0.314793	1.65613	1.65613	0.748387	1.16905	1.16905	0.586008	0.765748	-1.30591	0.0322146	0.296008	-3.37829	0.170788	0.4927	-2.02963	2.91705	10.8819	3.31595	1
cg06626556	ULK4	0.0732424	0.192728	0.762381	-1.31168	0.100923	1.42414	1.42414	0.0919742	1.44063	1.44063	0.291641	0.806265	-1.24029	0.00683321	0.50181	-1.99279	0.595386	0.899892	-1.11124	0.408713	0.846795	-1.18092	0.887489	0.972524	-1.02825	0.871014	0.968526	-1.0325	2.91703	1.78937	0.545263	1
cg03052137	FAM117B	0.073243	0.0206337	0.716665	-1.39535	0.861294	1.02112	1.02112	0.867343	0.980219	-1.02018	0.409543	0.904117	-1.10605	0.472159	0.916313	-1.09133	0.00518156	0.64338	-1.55429	0.328756	0.88651	-1.12802	0.953478	1.007	1.007	0.209196	1.17139	1.17139	2.91702	0.659824	0.201065	1
cg16219636	DENND5B	0.0732432	0.283226	0.572003	-1.74824	0.33744	0.609284	-1.64127	0.558656	0.743549	-1.3449	0.251466	1.82263	1.82263	0.00854498	0.186174	-5.37133	0.420797	0.662285	-1.50992	0.0360498	0.294748	-3.39273	0.21112	1.93497	1.93497	0.144168	0.455637	-2.19473	2.91702	11.5969	3.53386	1
cg22902499	MIR548H3	0.0732438	0.712294	0.794684	-1.25836	0.002901	0.0788722	-12.6787	0.129827	0.362308	-2.76008	0.226305	2.19951	2.19951	0.468539	0.632817	-1.58024	0.738159	0.812082	-1.2314	0.32305	0.530842	-1.8838	0.248821	0.473366	-2.11253	0.390059	1.72711	1.72711	2.91701	17.7836	5.41913	1
cg16876315	MFAP3L	0.0732453	0.162806	0.678368	-1.47413	0.0155409	2.16616	2.16616	0.101244	0.626618	-1.59587	0.319061	1.30763	1.30763	0.954784	1.01488	1.01488	0.298135	0.755091	-1.32434	0.0454584	0.550152	-1.81768	0.588402	0.867352	-1.15293	0.489165	1.20082	1.20082	2.91699	3.13425	0.955096	1
cg11243185	BEND7;BEND7	0.0732477	0.179423	1.24475	1.24475	0.0788275	0.741077	-1.34939	0.0329496	0.681846	-1.46661	0.461444	0.891269	-1.122	0.365334	1.1535	1.1535	0.792896	0.960407	-1.04123	0.0178692	1.55577	1.55577	0.563988	1.09368	1.09368	0.914398	0.983627	-1.01665	2.91695	1.08897	0.331844	1
cg18954479	CDKAL1	0.0732487	0.70919	1.19442	1.19442	0.820045	0.897575	-1.11411	0.917466	0.952031	-1.05039	0.293026	0.596119	-1.67752	0.00556101	0.17776	-5.62555	0.89522	0.939423	-1.06448	0.984835	1.00905	1.00905	0.380481	1.53208	1.53208	0.0132992	0.233474	-4.28313	2.91693	10.39	3.16619	1
cg19800336	MUPCDH;MUPCDH	0.073251	0.294775	1.20039	1.20039	0.460153	0.881262	-1.13474	0.683629	0.933449	-1.0713	0.942991	1.01209	1.01209	0.229683	1.23597	1.23597	0.0409249	1.48675	1.48675	0.0037125	1.9327	1.9327	0.286678	1.20439	1.20439	0.633353	0.922398	-1.08413	2.91689	1.30524	0.397758	1
cg11785166	ZNF492	0.0732515	0.14495	0.748278	-1.3364	0.296301	1.22214	1.22214	0.509658	1.1319	1.1319	0.692884	0.929107	-1.0763	0.902231	1.02303	1.02303	0.187392	0.771956	-1.29541	0.22814	0.791106	-1.26405	0.00457928	2.01224	2.01224	0.596394	1.10407	1.10407	2.91689	1.58521	0.483076	1
cg25087507	ZNF789	0.0732521	0.0838915	0.618243	-1.61749	0.0869768	0.621772	-1.60831	0.473159	1.20132	1.20132	0.277893	1.328	1.328	0.197846	1.40801	1.40801	0.0100925	0.442157	-2.26164	0.461505	1.20739	1.20739	0.644176	1.12404	1.12404	0.626164	1.13136	1.13136	2.91688	2.91978	0.889775	1
cg07171496	TDRD5	0.0732536	0.0259573	6.31884	6.31884	0.0694461	4.12208	4.12208	0.0769681	3.94167	3.94167	0.969737	0.973889	-1.02681	0.541773	1.53842	1.53842	0.927075	0.93815	-1.06593	0.313514	0.48335	-2.06889	0.0214682	6.8672	6.8672	0.0516242	4.68779	4.68779	2.91685	22.4705	6.84771	1
cg12453485	BAK1;BAK1	0.0732538	0.324123	1.27681	1.27681	0.0794945	1.59534	1.59534	0.319565	1.27996	1.27996	0.91662	1.02545	1.02545	0.355216	0.795948	-1.25636	0.378408	1.24217	1.24217	0.00805106	0.442816	-2.25827	0.646739	1.1171	1.1171	0.096779	1.54877	1.54877	2.91685	2.66019	0.810674	1
cg14307212	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.0732559	0.301716	0.514075	-1.94524	0.817578	1.15452	1.15452	0.621624	1.36258	1.36258	0.231102	0.45787	-2.18403	0.122325	0.352996	-2.83289	0.566481	0.697438	-1.43382	0.198558	2.3278	2.3278	0.00456229	10.4754	10.4754	0.962285	0.971022	-1.02984	2.91682	17.865	5.44429	1
cg23706615	EFNA2	0.0732586	0.0608196	0.340109	-2.94024	0.00720042	0.170306	-5.87177	0.163354	0.468044	-2.13655	0.172012	0.476204	-2.09994	0.035516	0.286779	-3.48701	0.78319	0.868697	-1.15115	0.0510239	0.32169	-3.10858	0.0613843	0.341108	-2.93163	0.19523	0.497022	-2.01198	2.91677	12.0303	3.66624	1
cg02575675	LOC440356;LOC440356;CDIPT	0.0732587	0.0736284	5.86816	5.86816	0.0109886	16.964	16.964	0.910945	0.905496	-1.10437	0.176401	3.57951	3.57951	0.0414419	0.124113	-8.05715	0.562105	1.68214	1.68214	0.620483	0.642183	-1.55719	0.444372	1.99737	1.99737	0.263986	2.80978	2.80978	2.91677	36.3677	11.0831	1
cg22837015	TP53AIP1	0.073263	0.212456	1.69637	1.69637	0.523665	1.29704	1.29704	0.425539	1.38745	1.38745	0.0251372	2.92078	2.92078	0.0415484	0.388396	-2.57469	0.0478308	2.48566	2.48566	0.571808	1.25851	1.25851	0.986137	0.993033	-1.00702	0.0497552	2.46128	2.46128	2.9167	7.48112	2.27993	1
cg18125479	PYGL;PYGL	0.0732633	0.110725	0.798657	-1.2521	0.206378	1.18818	1.18818	0.57185	0.92876	-1.0767	0.0710997	0.770417	-1.298	0.635658	1.06369	1.06369	0.0208099	1.43324	1.43324	0.153653	0.82068	-1.2185	0.39803	0.894094	-1.11845	0.184267	1.19985	1.19985	2.9167	0.773092	0.235607	1
cg13562549	FCGBP	0.0732634	0.73029	0.93987	-1.06398	0.38333	1.17374	1.17374	0.00319959	0.486188	-2.05682	0.164528	0.766631	-1.30441	0.179829	1.29081	1.29081	0.704687	1.07061	1.07061	0.654842	0.922532	-1.08397	0.81358	0.958553	-1.04324	0.353763	1.18646	1.18646	2.91669	1.48336	0.452068	1
cg11945507	SLC45A4	0.0732637	0.0611936	0.539212	-1.85456	0.442691	0.795196	-1.25755	0.158427	0.643118	-1.55492	0.570794	0.845581	-1.18262	0.00833506	0.372624	-2.68367	0.03097	0.476351	-2.09929	0.0877473	0.575925	-1.73634	0.78875	1.0818	1.0818	0.0452811	0.510476	-1.95896	2.91669	3.95985	1.2068	1
cg02365780	NPAS2	0.0732648	0.0359661	3.14862	3.14862	0.191351	1.91618	1.91618	0.29028	1.67525	1.67525	0.869421	1.08042	1.08042	0.708031	1.19347	1.19347	0.862213	1.08509	1.08509	0.0579803	0.36513	-2.73875	0.0324383	3.24524	3.24524	0.0350651	3.17208	3.17208	2.91667	10.2092	3.11137	1
cg12302829	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.0732652	0.0286087	0.482627	-2.07199	0.0148065	0.426637	-2.34391	0.0637942	0.558126	-1.79171	0.818249	0.938693	-1.06531	0.0494635	0.533154	-1.87563	0.318021	0.751978	-1.32983	0.829345	0.942398	-1.06112	0.315992	1.33154	1.33154	0.501763	1.20655	1.20655	3.13063	3.66506	0.910551	1
cg15810199	ZNF311;ZNF311	0.0732664	0.578207	1.14567	1.14567	0.447991	1.20591	1.20591	0.0039788	0.391615	-2.55353	0.110013	0.655882	-1.52466	0.174212	0.7047	-1.41904	0.234976	1.35175	1.35175	0.891564	1.03358	1.03358	0.910988	0.973286	-1.02745	0.533794	1.16484	1.16484	2.91665	2.70806	0.825321	1
cg26547124	TXNRD1	0.0732673	0.626315	0.916216	-1.09145	0.762824	1.05545	1.05545	0.636675	1.08855	1.08855	0.042632	1.51621	1.51621	0.084541	1.40526	1.40526	0.665589	0.925388	-1.08063	0.00550443	1.91695	1.91695	0.240862	0.803364	-1.24477	0.840013	1.0367	1.0367	2.91663	1.46886	0.447658	1
cg00008671	FAM190B	0.0732687	0.549736	0.70575	-1.41693	0.092783	2.90081	2.90081	0.589408	1.36854	1.36854	0.496524	0.671974	-1.48815	0.187793	0.447653	-2.23387	0.389094	0.601556	-1.66235	0.00320709	0.098632	-10.1387	0.898467	0.92913	-1.07628	0.750567	1.20159	1.20159	2.91661	15.3158	4.66776	1
cg23695880	KCNH4	0.0732704	0.0806046	0.465489	-2.14828	0.166439	0.558656	-1.79001	0.960434	1.01977	1.01977	0.152238	1.83159	1.83159	0.539805	1.27755	1.27755	0.379143	1.42766	1.42766	0.0136128	0.299839	-3.33513	0.274797	0.638666	-1.56576	0.0591873	0.431439	-2.31782	2.91658	7.19284	2.19217	1
cg26256192	BCL3	0.0732716	0.197225	2.00279	2.00279	0.13814	2.26089	2.26089	0.0257987	3.9522	3.9522	0.160827	2.14772	2.14772	0.114959	2.40414	2.40414	0.389249	0.639298	-1.56421	0.00622656	6.55772	6.55772	0.915415	0.947743	-1.05514	0.498382	1.41623	1.41623	3.13051	12.3855	3.07719	1
cg27499925	LOC55908;DOCK6	0.0732721	0.0971363	0.717476	-1.39378	0.144378	1.33101	1.33101	0.458557	0.871414	-1.14756	0.614233	0.911482	-1.09711	0.870225	1.03027	1.03027	0.135768	0.745896	-1.34067	0.0117001	1.77615	1.77615	0.44184	0.866743	-1.15374	0.141722	1.33392	1.33392	2.91655	1.53611	0.468165	1
cg10103857	LAMC2;LAMC2	0.0732724	0.0177836	1.90106	1.90106	0.72055	1.08337	1.08337	0.965563	0.990422	-1.00967	0.224968	0.752679	-1.32859	0.07473	0.642413	-1.55663	0.158947	0.714891	-1.39881	0.250617	1.30684	1.30684	0.288311	0.782124	-1.27857	0.0749959	0.642731	-1.55586	2.91655	2.29551	0.699613	1
cg06182584	C6orf136;C6orf136;C6orf136	0.0732756	0.911059	0.956741	-1.04521	0.00594866	4.15142	4.15142	0.0105132	3.57571	3.57571	0.384219	1.42347	1.42347	0.856522	0.930879	-1.07425	0.908462	1.04657	1.04657	0.681322	1.17753	1.17753	0.123122	1.93682	1.93682	0.864156	0.934476	-1.07012	2.9165	7.23474	2.205	1
cg08423507	ACR	0.0732756	0.0392107	0.103038	-9.70517	0.0776607	0.154452	-6.4745	0.163688	0.242749	-4.11948	0.128591	0.2092	-4.78013	0.0156957	0.0595737	-16.7859	0.0984868	0.178019	-5.61738	0.0191399	0.0671758	-14.8863	0.0576543	0.129432	-7.72606	0.108488	0.188694	-5.29959	2.9165	41.9055	12.7719	1
cg24546492	SOCS7	0.0732762	0.546042	0.834176	-1.19879	0.889486	1.04212	1.04212	0.158214	1.56469	1.56469	0.764311	1.09334	1.09334	0.184949	1.51776	1.51776	0.16886	0.647235	-1.54503	0.00674813	0.352663	-2.83557	0.853474	0.946612	-1.0564	0.0721574	0.551241	-1.81409	2.91649	4.06791	1.23982	1
cg16358826	GABRA4	0.0732768	0.0505011	1.23458	1.23458	0.688673	0.962637	-1.03881	0.609098	0.952407	-1.04997	0.0244893	1.28836	1.28836	0.0129863	1.33838	1.33838	0.552627	1.05844	1.05844	0.219272	1.12992	1.12992	0.269555	0.896994	-1.11483	0.301211	1.10658	1.10658	2.91648	0.412898	0.125844	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26227044	EXOC8	0.0732791	0.0428829	0.237846	-4.2044	0.0288541	0.2043	-4.89476	0.907936	0.931191	-1.07389	0.755427	0.824846	-1.21235	0.0398216	0.231196	-4.32533
cg16612100	U2AF1L4;PSENEN;PSENEN;U2AF1L4	0.0732825	0.881612	1.01334	1.01334	0.0578938	1.21	1.21	0.295366	1.10129	1.10129	0.834458	0.981566	-1.01878	0.309361	0.910708	-1.09805
cg11786839	GMDS	0.0732837	0.486629	1.33194	1.33194	0.515107	1.30689	1.30689	0.0441955	0.391635	-2.5534	0.0469474	0.397637	-2.51486	0.0230589	0.33219	-3.01032
cg25837104	TBC1D16	0.0732838	0.0432665	0.432134	-2.3141	0.251452	1.54095	1.54095	0.40176	0.733663	-1.36302	0.980734	1.00875	1.00875	0.0103412	0.311684	-3.20838
cg13329217	FERMT3;FERMT3	0.0732873	0.0982476	0.45495	-2.19804	0.0411493	0.359448	-2.78204	0.0268887	0.320346	-3.12163	0.056354	0.391261	-2.55584	0.0940481	0.449546	-2.22447
cg16777839	PHPT1;PHPT1;PHPT1;PHPT1	0.0732903	0.675186	0.923393	-1.08296	0.439461	1.16081	1.16081	0.781184	1.05407	1.05407	0.00520176	0.497883	-2.0085	0.455357	0.866067	-1.15465
cg23912429	VIM;VIM	0.0732923	0.4866	0.825699	-1.21109	0.0277644	0.494228	-2.02336	0.0163482	0.451457	-2.21505	0.163817	0.6686	-1.49566	0.805983	0.935502	-1.06895
cg14288399	CCDC88B	0.0732931	0.790298	1.11995	1.11995	0.0104737	3.93336	3.93336	0.0172921	3.42961	3.42961	0.905889	1.05156	1.05156	0.346833	0.662487	-1.50946
cg03069242	FGF6	0.0732931	0.462145	1.38231	1.38231	0.998562	0.999221	-1.00078	0.67043	0.83098	-1.2034	0.968704	0.983174	-1.01711	0.0179735	0.288373	-3.46773
cg15378038	PIP4K2B	0.0732944	0.248393	0.561104	-1.7822	0.744563	1.16949	1.16949	0.257749	0.568029	-1.76047	0.0470546	0.336747	-2.96959	0.010568	0.214336	-4.66557
cg04902899	GNB1	0.0732953	0.0368638	1.55796	1.55796	0.15849	0.759055	-1.31743	0.107779	0.725458	-1.37844	0.796018	1.04852	1.04852	0.686671	1.07698	1.07698
cg25661219	SGK1;SGK1;SGK1;SGK1	0.0732971	0.779022	0.878656	-1.1381	0.00260726	7.55636	7.55636	0.321842	1.60451	1.60451	0.506535	1.3641	1.3641	0.194591	1.8894	1.8894
cg14317554	C3orf70	0.0732992	0.39673	0.856858	-1.16705	0.781222	1.05081	1.05081	0.301703	1.20982	1.20982	0.206481	1.26769	1.26769	0.239796	0.803234	-1.24497
cg11630392	GPR171;MED12L;GPR171	0.0732993	0.0520539	0.484275	-2.06494	0.0173358	0.386436	-2.58775	0.0173143	0.386336	-2.58842	0.255615	0.677484	-1.47605	0.195768	0.638348	-1.56654
cg03778207	ME3;ME3;ME3	0.0732994	0.0663276	0.259053	-3.86021	0.439417	0.596188	-1.67732	0.496057	1.57351	1.57351	0.334734	0.520755	-1.92029	0.0413362	0.213651	-4.68053
cg07890954	NR2E3;NR2E3	0.0733026	0.157187	1.46314	1.46314	0.500859	1.18754	1.18754	0.0486033	0.567388	-1.76246	0.28797	1.31987	1.31987	0.0914383	0.6265	-1.59617
cg07060076	MMAB;MVK;MVK	0.0733036	0.651252	0.937886	-1.06623	0.153856	1.24006	1.24006	0.359196	1.14209	1.14209	0.217691	0.832974	-1.20052	0.0385081	1.40191	1.40191
cg01576779	THAP4	0.0733075	0.178241	0.728647	-1.37241	0.184758	1.36521	1.36521	0.0588792	0.62364	-1.60349	0.847209	1.04362	1.04362	0.181284	0.730453	-1.36901
cg21833476	SMARCAD1;SMARCAD1;SMARCAD1;SMARCAD1;SMARCAD1	0.0733095	0.507605	0.900623	-1.11034	0.0868742	1.34236	1.34236	0.399803	1.14363	1.14363	0.131219	1.28883	1.28883	0.00843274	1.68846	1.68846
cg11730023	CCNY;CCNY	0.0733104	0.224124	0.640402	-1.56152	0.0065622	0.291666	-3.42858	0.615879	1.19307	1.19307	0.076021	1.99175	1.99175	0.4095	0.745005	-1.34227
cg01985396	DAAM2;DAAM2	0.0733141	0.79697	0.87323	-1.14517	0.808738	1.13599	1.13599	0.82869	0.892312	-1.12068	0.285331	1.79227	1.79227	0.906532	0.940109	-1.06371
cg06606122	E4F1	0.0733144	0.24604	0.69657	-1.43561	0.298714	0.725399	-1.37855	0.277916	0.714418	-1.39974	0.00524301	0.333708	-2.99664	0.697908	1.12328	1.12328
cg01850561	ROBO2;ROBO2	0.0733145	0.0494068	0.431477	-2.31762	0.0212477	0.354179	-2.82343	0.0803024	0.483252	-2.06931	0.364504	0.7052	-1.41804	0.00918171	0.289399	-3.45543
cg14161676	COL16A1	0.0733156	0.332431	0.751727	-1.33027	0.0524532	0.53289	-1.87656	0.00316027	0.316279	-3.16176	0.246897	0.707809	-1.41281	0.050226	0.528808	-1.89104
cg09717987	WDR92;PNO1	0.0733161	0.179902	0.760585	-1.31478	0.0265409	1.65736	1.65736	0.080855	1.45058	1.45058	0.749063	0.940197	-1.06361	0.278818	1.24155	1.24155
cg01822532	LRP5	0.0733161	0.973155	0.990618	-1.00947	0.00394554	2.96307	2.96307	0.0296205	2.04893	2.04893	0.840538	1.05806	1.05806	0.607625	1.15613	1.15613
cg26169081	CAMK1D;CAMK1D	0.0733164	0.11478	0.455554	-2.19513	0.45065	1.42243	1.42243	0.0368916	0.329151	-3.03812	0.179067	0.51978	-1.92389	0.111409	0.451615	-2.21428
cg07000116	ZNF689	0.0733185	0.85311	0.945536	-1.0576	0.317012	0.73158	-1.3669	0.00535967	0.330188	-3.02858	0.328186	0.73716	-1.35656	0.764506	1.09502	1.09502
cg01803514	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.0733197	0.921753	0.966016	-1.03518	0.170582	1.67119	1.67119	0.621932	1.19114	1.19114	0.681875	0.86499	-1.15608	0.00304384	0.239639	-4.17294
cg05051118	NKD1	0.0733204	0.207042	0.676741	-1.47767	0.348882	0.753527	-1.32709	0.0699979	0.551848	-1.81209	0.663482	0.87944	-1.13709	0.410879	1.27987	1.27987
cg24008884	ALX4	0.0733204	0.544168	0.704933	-1.41857	0.133967	0.398298	-2.51068	0.320992	1.79323	1.79323	0.10089	2.78257	2.78257	0.133977	0.398309	-2.51061
cg07484354	SOX30;SOX30	0.0733209	0.0312464	8.79945	8.79945	0.0468768	7.08244	7.08244	0.246869	2.83457	2.83457	0.26973	2.68833	2.68833	0.0696678	5.72995	5.72995
cg05796909	SENP3	0.0733214	0.567682	0.851758	-1.17404	0.489388	1.2154	1.2154	0.410602	1.26331	1.26331	0.470349	0.815458	-1.22631	0.593279	0.860921	-1.16155
ch.12.1023240	LIMA1;LIMA1	0.073322	0.0255054	0.174394	-5.73416	0.059225	0.246256	-4.06081	0.065429	0.256503	-3.89858	?	?	?	0.0223756	0.165208	-6.05299
cg16051027	ZNF341	0.0733228	0.0994636	0.742217	-1.34731	0.00386818	1.90113	1.90113	0.948087	0.989308	-1.01081	0.248582	1.22032	1.22032	0.996727	0.999323	-1.00068
cg15713391	HDAC4	0.073323	0.0400364	1.31813	1.31813	0.618443	0.943231	-1.06019	0.179837	1.18034	1.18034	0.546515	1.07361	1.07361	0.866071	1.01984	1.01984
cg17944412	NOXO1;NOXO1;NOXO1	0.0733256	0.103105	2.2226	2.2226	0.404783	1.46496	1.46496	0.0563951	2.63182	2.63182	0.669597	1.212	1.212	0.787201	1.12885	1.12885
cg25349768	PRDM16;PRDM16	0.0733259	0.513898	1.14116	1.14116	0.013928	1.83293	1.83293	0.39523	0.840569	-1.18967	0.247995	0.785922	-1.27239	0.679568	1.08638	1.08638
cg00554352	KIF7	0.0733307	0.0822161	0.458477	-2.18113	0.159797	0.544229	-1.83746	0.0825978	0.459016	-2.17857	0.982145	1.00911	1.00911	0.00407922	0.209879	-4.76465
cg02846961	PTBP1;PTBP1;PTBP1;PTBP1	0.0733311	0.520627	1.14691	1.14691	0.00883776	2.0171	2.0171	0.126722	1.41586	1.41586	0.124925	1.41859	1.41859	0.431345	1.1842	1.1842
cg00463562	PIF1	0.0733316	0.377023	0.898549	-1.11291	0.656036	1.05433	1.05433	0.603224	1.06384	1.06384	0.565303	0.933707	-1.071	0.967097	1.00488	1.00488
cg09935667	C12orf49	0.0733318	0.0626594	0.35187	-2.84196	0.225931	0.530457	-1.88517	0.037273	0.299574	-3.33808	0.692276	1.21937	1.21937	0.164471	0.477332	-2.09498
cg24641201	SPAM1;SPAM1	0.0733331	0.0279991	0.418835	-2.38757	0.0367885	0.443434	-2.25513	0.284253	0.688715	-1.45198	0.356666	0.727731	-1.37413	0.00396756	0.272888	-3.66451
cg06772268	ATG10;ATG10	0.0733334	0.0389016	0.489997	-2.04083	0.804061	0.928518	-1.07698	0.231344	1.45437	1.45437	0.408251	1.28707	1.28707	0.00453914	0.323666	-3.0896
cg13134968	EHMT2;EHMT2	0.0733359	0.223662	0.800012	-1.24998	0.00839486	0.555634	-1.79974	0.177101	0.778501	-1.28452	0.304476	0.830602	-1.20395	0.0271406	0.633518	-1.57849
cg00937691	HLA-G	0.0733361	0.0322557	19.2644	19.2644	0.0777365	9.90627	9.90627	0.0573859	12.4468	12.4468	0.697968	1.56677	1.56677	?	?	?
cg01606800	SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPIN	0.0733366	0.41893	0.790842	-1.26448	0.517737	0.830002	-1.20482	0.00347684	0.324061	-3.08584	0.7811	0.923902	-1.08237	0.391184	0.779096	-1.28354
cg00340349	CDK9	0.0733393	0.0999765	0.609159	-1.64161	0.0502604	0.541321	-1.84733	0.278624	0.733605	-1.36313	0.0695903	0.572291	-1.74736	0.168625	0.668055	-1.49688
cg17565215	LOC728927	0.0733402	0.0923143	0.587837	-1.70115	0.0695812	0.558762	-1.78967	0.699717	0.894811	-1.11755	0.074233	0.565267	-1.76908	0.0194665	0.444871	-2.24784
cg25559849	LRRC27;LRRC27;LRRC27;LRRC27	0.0733403	?	?	?	0.670033	1.43437	1.43437	0.841599	1.18308	1.18308	0.93085	1.07561	1.07561	0.127469	4.15513	4.15513
cg05804504	LBXCOR1	0.0733411	0.678167	0.802681	-1.24582	0.0706864	0.345121	-2.89753	0.0141758	0.203098	-4.92374	0.73955	1.19212	1.19212	0.0199183	0.227626	-4.39318
cg13994338	FBXW5	0.0733413	0.293428	0.534613	-1.87051	0.435335	1.57983	1.57983	0.125745	0.38597	-2.59087	0.468367	0.654469	-1.52796	0.242511	0.495199	-2.01939
cg16079364	FGF8;FGF8;FGF8;FGF8	0.0733417	0.219088	0.621469	-1.60909	0.0937323	1.97058	1.97058	0.837218	0.927083	-1.07865	0.50052	0.777509	-1.28616	0.219521	0.621775	-1.6083
cg13474004	ARHGEF10	0.0733426	0.00528328	2.47806	2.47806	0.966904	1.01029	1.01029	0.487309	1.19025	1.19025	0.128424	1.50015	1.50015	0.564912	0.866238	-1.15442
cg11190155	CRELD1;CRELD1;CRELD1	0.0733446	0.475067	0.933551	-1.07118	0.683576	1.03955	1.03955	0.306038	0.904546	-1.10553	0.198425	1.1373	1.1373	0.186753	1.14166	1.14166
cg08795597	STK39	0.0733447	0.384737	1.14507	1.14507	0.709685	1.05849	1.05849	0.0478425	0.708989	-1.41046	0.36897	1.15057	1.15057	0.821679	0.966267	-1.03491
cg09027601	FAM171A1	0.0733449	0.0842341	4.45815	4.45815	0.385631	2.00565	2.00565	0.440638	1.85029	1.85029	0.229502	2.68224	2.68224	0.138664	3.48107	3.48107
cg11753363	MDGA1	0.0733453	0.0857639	0.807589	-1.23825	0.0109377	1.4325	1.4325	0.949714	0.992927	-1.00712	0.781673	1.03176	1.03176	0.285621	1.13293	1.13293
cg10309340	C10orf2;C10orf2;C10orf2;C10orf2;MRPL43;MRPL43;MRPL43;C10orf2;C10orf2;MRPL43;C10orf2;C10	0.0733455	0.859857	0.941155	-1.06252	0.835077	0.930955	-1.07417	0.331335	1.41052	1.41052	0.0060678	0.292371	-3.42031	0.438591	1.31144	1.31144
cg00282426	VAV2;VAV2	0.0733479	0.0627246	0.640636	-1.56095	0.0120223	0.513723	-1.94657	0.0376642	0.598896	-1.66974	0.0808493	0.662567	-1.50928	0.377484	0.824851	-1.21234
cg21570220	SLC11A2	0.0733488	0.0394635	0.78957	-1.26651	0.84307	1.01985	1.01985	0.262868	1.12275	1.12275	0.377179	1.09404	1.09404	0.0231141	1.30919	1.30919
cg21045241	RELB	0.0733491	0.461476	0.707925	-1.41258	0.663614	1.22339	1.22339	0.498211	1.37274	1.37274	0.405149	0.675413	-1.48058	0.00622305	0.193362	-5.17164
cg23818827	PRDM16;PRDM16	0.0733491	0.195662	0.525314	-1.90362	0.00333814	0.152731	-6.54744	0.986055	1.00826	1.00826	0.816199	0.896258	-1.11575	0.037324	0.320831	-3.11691
cg06744585	NFIX	0.0733495	0.0937052	2.90353	2.90353	0.0093699	6.72103	6.72103	0.147679	2.4553	2.4553	0.013732	5.82334	5.82334	0.31072	1.83405	1.83405
cg00477365	SPDYC	0.0733497	0.0528256	1.61545	1.61545	0.201341	1.34185	1.34185	0.00988511	0.49148	-2.03467	0.619482	0.896652	-1.11526	0.789158	0.943269	-1.06014
cg02631092	GBF1	0.0733514	0.0680831	0.445863	-2.24284	0.115678	0.508617	-1.96611	0.991173	1.00438	1.00438	0.971339	0.985897	-1.0143	0.110292	0.502564	-1.9898
cg17524886	CHFR;CHFR;CHFR;CHFR;CHFR	0.0733527	0.341357	1.38283	1.38283	0.0593106	2.0215	2.0215	0.0183864	2.57464	2.57464	0.24931	1.48894	1.48894	0.0892574	1.858	1.858
cg05343184	PRDM16;PRDM16	0.0733561	0.517505	0.884311	-1.13082	0.0936356	0.707888	-1.41265	0.388636	0.84743	-1.18004	0.612588	0.908755	-1.10041	0.952774	0.988964	-1.01116
cg13813871	GAPVD1	0.0733588	0.173538	0.888187	-1.12589	0.354228	0.924921	-1.08117	0.387558	0.930045	-1.07522	0.09582	0.860887	-1.16159	0.344353	0.923339	-1.08303
cg23678800	FAM19A5	0.0733588	0.0518927	0.637186	-1.5694	0.189458	0.753366	-1.32738	0.920855	1.02046	1.02046	0.663503	0.914666	-1.09329	0.00575471	0.478358	-2.09048
cg06785302	EXT1;EXT1	0.073359	0.828374	0.791337	-1.26368	0.0172408	0.0396637	-25.212	?	?	?	?	?	?	0.661007	1.60966	1.60966
cg07751270	PMS2L2	0.0733593	0.648198	0.925808	-1.08014	0.814037	0.96123	-1.04033	0.172332	0.783673	-1.27604	0.283729	0.829534	-1.2055	0.603848	0.915905	-1.09182
cg24122124	PTPRS;PTPRS;PTPRS;PTPRS	0.0733598	0.616896	0.732999	-1.36426	0.0264164	0.197677	-5.05877	0.115546	2.86794	2.86794	0.639821	1.33676	1.33676	0.802642	0.85708	-1.16675
cg20930487	PODN	0.0733602	0.0142589	0.238652	-4.1902	0.677177	0.819999	-1.21951	0.509781	0.728369	-1.37293	0.176312	0.505903	-1.97666	0.0097572	0.212428	-4.70747
cg12989534	ZNF628	0.0733607	0.594199	1.18255	1.18255	0.597971	1.18049	1.18049	0.0322836	2.18525	2.18525	0.381169	1.32324	1.32324	0.249287	0.686966	-1.45568
cg17390041	SCAND2;SCAND2	0.0733615	0.0064564	0.0896925	-11.1492	0.472632	1.64439	1.64439	0.497597	1.59816	1.59816	0.735706	1.25944	1.25944	0.89926	0.91738	-1.09006
cg21120047	XPNPEP2;XPNPEP2	0.0733618	0.149689	0.577485	-1.73165	0.0144968	0.342758	-2.91751	0.176406	0.599954	-1.6668	0.0870098	0.510778	-1.9578	0.0237961	0.383261	-2.60919
cg17738213	BCL11A;BCL11A;BCL11A	0.0733666	0.0213998	0.144276	-6.93114	0.170586	0.359907	-2.77849	0.336622	0.49969	-2.00124	0.876693	1.11487	1.11487	0.0134916	0.117471	-8.51276
cg00216523	MFHAS1	0.0733666	0.0893268	0.724889	-1.37952	0.0340336	0.65383	-1.52945	0.0742283	0.710604	-1.40725	0.956792	1.00935	1.00935	0.184674	0.785349	-1.27332
cg03009240	FZR1	0.0733681	0.594061	0.801807	-1.24718	0.509719	1.31601	1.31601	0.238853	1.65953	1.65953	0.239947	1.65739	1.65739	0.0969864	0.473312	-2.11277
cg11565042	GPR45	0.0733685	0.403987	0.832202	-1.20163	0.154594	0.720556	-1.38782	0.116613	1.44301	1.44301	0.913771	1.02357	1.02357	0.57165	0.884311	-1.13082
cg09287650	SVIL	0.0733706	0.0855226	0.335045	-2.98468	0.162547	2.35784	2.35784	0.228626	0.4834	-2.06868	0.928109	0.949408	-1.05329	0.00529278	0.120663	-8.28758
cg16279786	NRXN1;NRXN1	0.0733711	0.241801	0.854948	-1.16966	0.364356	0.887601	-1.12663	0.289393	0.868779	-1.15104	0.105866	0.797768	-1.2535	0.872464	1.02076	1.02076
cg11402505	FBXO27	0.0733738	0.866017	1.05272	1.05272	0.0662135	1.87173	1.87173	0.517552	0.819058	-1.22091	0.00529558	3.05929	3.05929	0.665101	1.14168	1.14168
cg08000672	PRKCZ;PRKCZ	0.0733743	0.539137	0.81066	-1.23356	0.0608702	2.0407	2.0407	0.161937	1.6556	1.6556	0.916432	0.965187	-1.03607	0.00706851	0.308758	-3.23878
cg16550606	RCBTB1	0.0733744	0.485933	0.826036	-1.2106	0.0350633	1.9403	1.9403	0.960176	1.01338	1.01338	0.10535	1.61224	1.61224	0.894873	0.964942	-1.03633
cg11039241	RPH3AL	0.0733749	0.0120078	0.25516	-3.91911	0.0296802	0.327675	-3.0518	0.101912	0.458192	-2.18249	0.170642	0.529383	-1.88899	0.07078	0.414739	-2.41116
cg04012319	AKR1B15	0.073376	0.253649	0.712439	-1.40363	0.538614	0.837717	-1.19372	0.0113937	0.406236	-2.46163	0.112288	0.611556	-1.63517	0.0235252	0.463309	-2.15839
cg02915805	ZNF644;ZNF644;ZNF644	0.073376	0.00534057	0.326987	-3.05823	0.123977	0.602031	-1.66104	0.0223117	0.434252	-2.30281	0.672866	1.1381	1.1381	0.0649225	0.531856	-1.88021
cg00278028	MN1;MN1	0.0733762	0.873036	0.966437	-1.03473	0.069724	1.54186	1.54186	0.920187	1.02163	1.02163	0.0536585	0.626403	-1.59642	0.431064	0.842355	-1.18715
cg00186954	ST5;C11orf17;C11orf17	0.0733768	0.0655807	0.201962	-4.95143	0.461611	0.559809	-1.78632	0.626848	0.684367	-1.4612	0.531808	0.612467	-1.63274	0.0445369	0.167665	-5.96427
cg17527435	ARHGEF10	0.0733786	0.0629696	2.43711	2.43711	0.00901293	4.11226	4.11226	0.55948	1.28574	1.28574	0.640222	0.818348	-1.22197	0.116523	2.06739	2.06739
cg08667786	USP7	0.0733794	0.0856724	0.415711	-2.40552	0.136734	0.476757	-2.0975	0.096411	0.430213	-2.32443	0.154454	0.494447	-2.02246	0.0143158	0.247702	-4.03711
cg17240836	C9orf80;C9orf80	0.0733813	0.534166	1.09903	1.09903	0.677165	1.06481	1.06481	0.0918323	1.32096	1.32096	0.20755	0.81929	-1.22057	0.0429927	0.705204	-1.41803
cg03670238	WISP1;WISP1	0.0733824	0.0695228	1.81103	1.81103	0.851682	0.946716	-1.05628	0.521077	0.826732	-1.20958	0.379799	1.30156	1.30156	0.0422542	1.98262	1.98262
cg05183567	OSGEP	0.0733875	0.661449	0.885287	-1.12958	0.0685515	0.569064	-1.75727	0.00522523	0.361027	-2.76988	0.345117	0.764244	-1.30848	0.762393	1.08746	1.08746
cg01226278	RAB11FIP2	0.0733888	0.394743	0.694901	-1.43905	0.00983258	0.255983	-3.9065	0.0172278	0.297666	-3.35947	0.703632	1.17305	1.17305	0.042699	0.377477	-2.64917
cg19772399	IGSF9B	0.0733904	0.778641	0.907135	-1.10237	0.219827	1.56241	1.56241	0.253645	1.51031	1.51031	0.219933	0.64011	-1.56223	0.0518811	0.46529	-2.1492
cg24411723	PSMG2;CEP76	0.0733921	0.653675	1.10307	1.10307	0.89345	1.02954	1.02954	0.984609	1.0042	1.0042	0.0367138	0.590279	-1.69411	0.0689478	0.642691	-1.55596
cg18125735	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.0733941	0.544404	0.893797	-1.11882	0.512789	1.12916	1.12916	0.269339	0.810168	-1.23431	0.43378	0.864012	-1.15739	0.0441412	0.654956	-1.52682
cg22946460	NAV2;NAV2	0.0733943	0.0304936	0.200909	-4.97738	0.0560723	0.255163	-3.91907	0.294328	0.503311	-1.98684	0.595136	0.712809	-1.4029	0.0245348	0.184375	-5.42374
cg05219829	ISM2;ISM2	0.0733944	0.0420492	0.450999	-2.2173	0.00940102	0.326541	-3.0624	0.852381	0.938644	-1.06537	0.511159	0.797297	-1.25424	0.0089368	0.322873	-3.09719
cg16706749	LOXL1	0.0733966	0.0508398	0.309536	-3.23064	0.0185572	0.222068	-4.50312	0.0167575	0.214612	-4.65957	0.19028	0.481356	-2.07747	0.0375714	0.280353	-3.56693
cg20923156	PDCD2;PDCD2	0.0733995	0.0257331	1.27139	1.27139	0.608055	0.954191	-1.04801	0.195286	0.883229	-1.13221	0.721309	1.033	1.033	0.20338	0.885406	-1.12942
cg08535171	C13orf31;C13orf31	0.0734014	0.0189241	0.294814	-3.39197	0.443096	0.714595	-1.39939	0.462157	0.724951	-1.3794	0.730308	0.861827	-1.16033	0.00694319	0.222904	-4.48623
cg16818740	RASSF2	0.0734024	0.650284	1.11796	1.11796	0.628437	0.887685	-1.12653	0.329769	1.27854	1.27854	0.626846	0.887187	-1.12716	0.134925	1.48253	1.48253
cg04160694	DBN1;DBN1	0.0734027	0.382474	1.25033	1.25033	0.111596	1.54072	1.54072	0.170315	1.43946	1.43946	0.0318251	1.87306	1.87306	0.800022	0.938647	-1.06536
cg06312985	RP9P	0.0734033	0.0374079	0.16232	-6.16066	0.00927294	0.0832967	-12.0053	0.0268696	0.138963	-7.19616	0.184547	0.346645	-2.8848	0.0663526	0.212222	-4.71204
cg00735329	MBP;MBP	0.0734037	0.0540005	4.17533	4.17533	0.206186	2.38996	2.38996	0.998645	1.00111	1.00111	0.0894895	3.39856	3.39856	0.102125	3.21877	3.21877
cg03435264	RGL4;LOC91316;RGL4	0.0734056	0.402929	0.854056	-1.17088	0.0205153	0.597826	-1.67273	0.19179	0.775164	-1.29005	0.375444	1.18253	1.18253	0.0352336	0.636338	-1.57149
cg27323301	USP5;USP5;CDCA3	0.0734057	0.868392	0.962988	-1.03843	0.590805	0.883876	-1.13138	0.935508	0.981764	-1.01857	0.723011	1.0843	1.0843	0.097091	0.660922	-1.51304
cg23752380	LOC256880;H2AFZ;H2AFZ	0.0734064	0.163782	0.780612	-1.28105	0.484803	1.12561	1.12561	0.0742638	1.39308	1.39308	0.228997	1.23419	1.23419	0.0692781	0.712667	-1.40318
cg23496400	VSNL1	0.0734086	0.825417	0.96607	-1.03512	0.523129	1.1064	1.1064	0.155391	0.788562	-1.26813	0.0609403	1.391	1.391	0.0283494	0.66738	-1.4984
cg20103201	PANK4	0.0734087	0.460287	1.11021	1.11021	0.645906	1.06645	1.06645	0.964295	1.00624	1.00624	0.0219604	0.682352	-1.46552	0.525662	0.914449	-1.09355
cg04385631	SFRS2IP	0.0734101	0.732006	1.13268	1.13268	0.115707	1.85842	1.85842	0.320356	1.45084	1.45084	0.167938	1.70338	1.70338	0.0528803	0.450475	-2.21988
cg06922155	BRD9;BRD9;BRD9	0.0734105	0.177016	0.778016	-1.28532	0.045828	0.670029	-1.49247	0.0525697	0.680091	-1.47039	0.378922	1.17106	1.17106	0.0532148	0.680993	-1.46844
cg11270633	IL28B	0.0734124	0.0227819	0.273891	-3.65108	0.206212	0.530681	-1.88437	0.0147854	0.240432	-4.15918	0.245212	0.561241	-1.78177	0.102567	0.427902	-2.33698
cg02130040	LMCD1;LMCD1	0.0734125	0.86799	0.973152	-1.02759	0.648138	1.07807	1.07807	0.0199929	1.583	1.583	0.844835	0.968451	-1.03258	0.755531	1.05243	1.05243
cg14576896	GJD2	0.0734125	0.846985	1.06235	1.06235	0.759122	0.908197	-1.10108	0.534833	1.21749	1.21749	0.244067	1.46459	1.46459	0.550244	1.20833	1.20833
cg04972224	IMMP1L;ELP4	0.0734131	0.0841198	0.671951	-1.4882	0.0150714	0.53717	-1.86161	0.704089	0.923685	-1.08262	0.791047	1.0568	1.0568	0.0242831	0.572006	-1.74823
cg15680973	ADCY2	0.0734132	0.275875	1.52736	1.52736	0.0318536	2.55971	2.55971	0.840078	1.07842	1.07842	0.746623	0.885915	-1.12878	0.253397	0.640371	-1.5616
cg04948892	SOX2OT;SOX2	0.0734168	0.390478	1.15996	1.15996	0.0226469	0.631156	-1.58439	0.0800852	0.720751	-1.38744	0.407368	1.15364	1.15364	0.995745	1.0009	1.0009
cg21825526	KBTBD12	0.0734173	0.134077	0.747701	-1.33743	0.58844	0.906367	-1.10331	0.0182812	0.597242	-1.67436	0.689373	1.07498	1.07498	0.230514	1.25403	1.25403
cg24159891	GGT1;C22orf36	0.0734173	0.352312	0.702172	-1.42415	0.422569	0.738885	-1.35339	0.931114	1.03245	1.03245	0.230459	0.628296	-1.59161	0.0411257	0.41875	-2.38806
cg27357361	TMSB10	0.0734185	0.189637	0.842263	-1.18728	0.447082	0.908694	-1.10048	0.0703176	1.28398	1.28398	0.525862	1.08266	1.08266	0.617106	0.93962	-1.06426
cg03548386	PLA2G16;PLA2G16	0.0734216	0.210938	1.25231	1.25231	0.484275	0.885742	-1.129	0.535952	0.898536	-1.11292	0.830877	1.03718	1.03718	0.170253	1.28314	1.28314
cg06794034	SORCS2	0.0734218	0.76401	0.834687	-1.19805	0.287658	0.515537	-1.93973	0.519315	0.675669	-1.48001	0.16157	0.40773	-2.4526	0.278789	0.508734	-1.96566
cg03382841	RAB11FIP3;RAB11FIP3	0.0734234	0.296046	1.25903	1.25903	0.00593632	2.14877	2.14877	0.18188	1.35153	1.35153	0.0112089	1.96513	1.96513	0.0554501	1.58641	1.58641
cg20161985	BRMS1;BRMS1	0.073424	0.355531	1.46044	1.46044	0.0652404	2.30776	2.30776	0.651342	1.19804	1.19804	0.0650164	2.30982	2.30982	0.0481107	2.4978	2.4978
cg13409578	GLIS3;GLIS3	0.0734248	0.481532	1.1649	1.1649	0.132891	0.707561	-1.41331	0.200969	0.749644	-1.33397	0.164528	1.37218	1.37218	0.0881227	1.49408	1.49408
cg08901752	PPIA	0.0734264	0.919395	1.03168	1.03168	0.218758	0.671304	-1.48964	0.104331	0.578649	-1.72816	0.0460194	0.494352	-2.02285	0.288092	0.711907	-1.40468
cg22378853	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0734268	0.118794	0.417557	-2.39488	0.762787	0.855441	-1.16899	0.596663	1.31716	1.31716	0.404194	0.643867	-1.55312	0.0609987	0.336503	-2.97174
cg22992057	AGAP5	0.0734289	0.438837	0.786229	-1.27189	0.486711	0.806334	-1.24018	0.941408	0.977859	-1.02264	0.58217	1.18443	1.18443	0.00343136	0.297958	-3.35618
cg03272344	GFRA2;GFRA2;GFRA2	0.0734292	0.0971263	0.771981	-1.29537	0.598433	1.07847	1.07847	0.995909	1.00073	1.00073	0.0278403	0.691091	-1.44699	0.0433403	0.718706	-1.39139

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26227044	0.0714673	0.289244	-3.45729	0.0334456	0.216235	-4.6246	0.0253287	0.194284	-5.1471	0.270455	0.493068	-2.02812	2.91644	17.5417	5.34644	1
cg16612100	0.0712264	1.1962	1.1962	0.00457924	1.3988	1.3988	0.228343	1.11897	1.11897	0.992967	0.999217	-1.00078	2.91639	0.365108	0.111282	1
cg11786839	0.728485	0.868211	-1.15179	0.34294	1.48618	1.48618	0.0382963	0.377749	-2.64726	0.730887	0.86935	-1.15028	2.91637	7.59544	2.31504	1
cg25837104	0.526299	0.79317	-1.26076	0.640761	0.844	-1.18483	0.0252964	0.382979	-2.61111	0.126383	0.55059	-1.81623	2.91637	6.0156	1.83352	1
cg13329217	0.0979894	0.454623	-2.19963	0.00952856	0.240252	-4.1623	0.19753	0.553464	-1.8068	0.326827	0.644286	-1.55211	2.91631	8.71103	2.65512	1
cg16777839	0.0955168	1.41385	1.41385	0.573281	1.11363	1.11363	0.0910359	1.42196	1.42196	0.91077	1.02143	1.02143	2.91626	1.65186	0.503493	1
cg23912429	0.783958	1.0773	1.0773	0.74902	0.916707	-1.09086	0.0399576	1.90273	1.90273	0.995219	0.998378	-1.00162	2.91623	3.39042	1.03343	1
cg14288399	0.536019	1.30521	1.30521	0.0276268	3.02511	3.02511	0.650884	1.21365	1.21365	0.572671	1.27417	1.27417	2.91621	8.34425	2.5434	1
cg03069242	0.22212	0.574079	-1.74192	0.0669446	0.411374	-2.43088	0.0112772	0.253399	-3.94634	0.0691165	0.414928	-2.41006	2.91621	8.64024	2.63362	1
cg15378038	0.0882517	0.406242	-2.46159	0.0185593	0.254845	-3.92395	0.664644	0.811491	-1.2323	0.0789371	0.392874	-2.54535	2.91619	10.5925	3.22872	1
cg04902899	0.0654881	0.685173	-1.45948	0.110006	0.72718	-1.37518	0.661547	0.922597	-1.0839	0.0375511	0.643213	-1.55469	2.91618	1.54472	0.470849	1
cg25661219	0.11095	2.24566	2.24566	0.385152	1.5081	1.5081	0.86476	0.924619	-1.08153	0.339341	0.634573	-1.57586	3.13004	10.2549	2.54823	1
cg14317554	0.0262231	0.625374	-1.59904	0.257999	1.23382	1.23382	0.0191523	1.65635	1.65635	0.324882	1.19838	1.19838	2.91612	1.46351	0.446106	1
cg11630392	0.395946	1.33006	1.33006	0.353115	1.36817	1.36817	0.721881	0.889352	-1.12441	0.982532	1.00721	1.00721	2.91612	4.97147	1.5154	1
cg03778207	0.0476629	0.226411	-4.41675	0.0336274	0.196398	-5.0917	0.0167372	0.147292	-6.78923	0.128607	0.340541	-2.9365	2.91611	19.8671	6.05587	1
cg07890954	0.107271	1.55622	1.55622	0.0514712	1.74675	1.74675	0.109619	1.55086	1.55086	0.963586	1.01155	1.01155	2.91606	2.92299	0.891001	1
cg07060076	0.0984063	0.774588	-1.29101	0.359186	1.14209	1.14209	0.515861	1.09729	1.09729	0.0163278	1.51251	1.51251	2.91605	0.917208	0.279589	1
cg01576779	0.034091	0.578493	-1.72863	0.221734	1.32875	1.32875	0.418595	0.832835	-1.20072	0.0288044	0.56519	-1.76932	2.91598	2.26204	0.689545	1
cg21833476	0.358316	0.863223	-1.15845	0.159877	0.791491	-1.26344	0.885064	0.97773	-1.02278	0.158585	1.26448	1.26448	2.91595	1.11972	0.34133	1
cg11730023	0.371232	1.37769	1.37769	0.617186	0.838733	-1.19227	0.329964	1.42025	1.42025	0.301906	1.45243	1.45243	2.91594	5.62424	1.71448	1
cg01985396	0.0715956	2.88003	2.88003	0.00891417	5.75212	5.75212	0.0108345	5.37906	5.37906	0.225341	1.95332	1.95332	2.91588	12.7672	3.89201	1
cg06606122	0.663595	1.13933	1.13933	0.0628511	1.86599	1.86599	0.487265	1.23412	1.23412	0.788587	1.0834	1.0834	2.91587	4.10234	1.25058	1
cg01850561	0.24178	0.631762	-1.58287	0.994878	0.997597	-1.00241	0.0903073	0.496771	-2.013	0.0943268	0.501895	-1.99245	2.91587	6.4882	1.9779	1
cg14161676	0.550811	0.841757	-1.18799	0.876536	0.956595	-1.04537	0.999628	0.999867	-1.00013	0.754111	1.09383	1.09383	2.91585	3.76204	1.14685	1
cg09717987	0.0470067	0.646085	-1.54778	0.498994	0.876453	-1.14096	0.191834	1.30406	1.30406	0.281195	1.24012	1.24012	2.91585	1.705	0.519765	1
cg01822532	0.983919	1.00566	1.00566	0.0799703	1.72323	1.72323	0.523164	0.834217	-1.19873	0.313916	1.33876	1.33876	2.91584	3.6237	1.10468	1
cg26169081	0.278661	0.596665	-1.67598	0.00874758	0.216288	-4.62346	0.230998	0.562132	-1.77894	0.0402639	0.337461	-2.96331	2.91584	9.7057	2.95877	1
cg07000116	0.816651	1.0727	1.0727	0.519368	1.21818	1.21818	?	?	?	0.0257142	0.449117	-2.22659	2.95323	3.79573	1.28528	1
cg01803514	0.693273	0.869793	-1.1497	0.0794891	0.504098	-1.98374	0.598779	1.20544	1.20544	0.592334	0.826789	-1.2095	2.91579	5.71873	1.74338	1
cg05051118	0.814369	0.933309	-1.07146	0.00894776	2.65302	2.65302	0.877899	0.955888	-1.04615	0.0782103	0.563175	-1.77565	2.91578	3.97646	1.21225	1
cg24008884	0.223108	0.482329	-2.07327	0.129774	0.393694	-2.54005	0.0362452	4.0023	4.0023	0.176903	2.26491	2.26491	2.91578	14.9811	4.56705	1
cg07484354	0.550268	1.68211	1.68211	0.027932	9.34601	9.34601	0.013754	13.746	13.746	0.0616489	6.11783	6.11783	2.91577	34.1899	10.423	1
cg05796909	0.645584	0.879292	-1.13728	0.00164617	0.285999	-3.49652	0.824403	1.06368	1.06368	0.555337	1.18023	1.18023	2.91576	3.56334	1.08631	1
ch.12.1023240	0.229422	0.436145	-2.29281	0.0328238	0.193454	-5.16919	0.391211	0.561007	-1.78251	0.110621	0.318591	-3.13882	2.95317	17.9982	6.09453	1
cg16051027	0.180177	0.790596	-1.26487	0.670046	0.931685	-1.07332	0.567579	1.10008	1.10008	0.858492	1.0299	1.0299	2.91574	1.25863	0.383704	1
cg15713391	0.00419713	1.56262	1.56262	0.540403	1.07481	1.07481	0.203482	0.855357	-1.1691	0.780129	1.03311	1.03311	2.91573	0.625629	0.190729	1
cg17944412	0.961139	0.978411	-1.02207	0.00285823	6.28697	6.28697	0.133336	2.06539	2.06539	0.100951	2.23592	2.23592	2.91569	9.2653	2.82465	1
cg25349768	0.187358	1.32144	1.32144	0.0106991	1.8963	1.8963	0.578377	1.11849	1.11849	0.698774	0.925368	-1.08065	2.91569	1.83723	0.560106	1
cg00554352	0.136784	0.522463	-1.91401	0.0486612	0.401682	-2.48953	0.532578	0.774124	-1.29178	0.134504	0.52018	-1.92241	2.91561	7.57528	2.3095	1
cg02846961	0.00700571	2.08351	2.08351	0.120003	1.42628	1.42628	0.464288	1.16976	1.16976	0.934547	1.01744	1.01744	2.9156	2.04631	0.623866	1
cg00463562	0.0256614	0.731408	-1.36723	0.0326926	0.744587	-1.34303	0.26387	1.14733	1.14733	0.033839	1.33963	1.33963	2.91559	0.643063	0.196053	1
cg09935667	0.394237	1.54512	1.54512	0.083074	0.384132	-2.60327	0.0954001	2.49292	2.49292	0.0807245	0.380708	-2.62669	2.91559	11.4797	3.49986	1
cg24641201	0.251764	0.669387	-1.4939	0.12652	0.574569	-1.74043	0.338265	0.718252	-1.39227	0.225653	0.652739	-1.53201	2.91557	5.18981	1.58225	1
cg06772268	0.255141	0.701548	-1.42542	0.989749	1.00384	1.00384	0.848718	0.944616	-1.05863	0.394212	0.770766	-1.29741	2.91557	4.11043	1.25318	1
cg13134968	0.478018	0.881705	-1.13417	0.0995926	1.37028	1.37028	0.639796	0.92103	-1.08574	0.394322	0.858754	-1.16448	2.91552	1.40654	0.428829	1
cg00937691	0.692489	0.632738	-1.58043	0.250055	0.248483	-4.02442	0.130114	6.71108	6.71108	0.0276874	21.6623	21.6623	3.16558	57.7537	15.9637	1
cg01606800	0.0394307	0.508168	-1.96785	0.117112	0.616531	-1.62198	0.063646	0.552979	-1.80839	0.0904431	0.588569	-1.69904	2.91551	3.72759	1.13648	1
cg00340349	0.957202	1.01487	1.01487	0.682575	1.11971	1.11971	0.0688558	1.75054	1.75054	0.0325212	0.502499	-1.99005	2.91547	3.49181	1.06461	1
cg17565215	0.0531884	0.532622	-1.8775	0.0318657	0.486134	-2.05704	0.333472	1.3312	1.3312	0.35701	0.762113	-1.31214	2.91546	3.79726	1.15774	1
cg25559849	?	?	?	0.449452	0.521184	-1.91871	0.606777	0.645748	-1.54859	0.00551134	0.0331659	-30.1514	3.51568	29.0878	7.09177	1
cg05804504	0.158519	0.452064	-2.21208	0.0614169	0.329574	-3.03422	0.103595	0.391575	-2.55379	0.0757408	0.353044	-2.83251	2.91544	12.8103	3.90572	1
cg13994338	0.339493	0.567983	-1.76061	0.0206746	0.20169	-4.9581	0.0162802	0.184873	-5.40912	0.0175431	0.189991	-5.2634	2.91544	15.2442	4.64781	1
cg16079364	0.331566	1.44583	1.44583	0.00466899	0.250488	-3.9922	0.915856	0.961851	-1.03966	0.224703	0.62541	-1.59895	2.91543	6.2541	1.90682	1
cg13474004	0.104673	0.64553	-1.54912	0.175859	1.42647	1.42647	0.74509	0.922645	-1.08384	0.416892	0.814844	-1.22723	2.91542	2.81229	0.857446	1
cg11190155	0.132182	1.16627	1.16627	0.0115319	0.741497	-1.34862	0.506068	0.938127	-1.06595	0.0880361	1.19507	1.19507	2.91539	0.413766	0.126155	1
cg08795597	0.117207	1.29522	1.29522	0.0890768	1.32982	1.32982	0.00831097	1.67	1.67	0.560225	1.09367	1.09367	2.91538	1.06693	0.325301	1
cg09027601	0.230831	2.67398	2.67398	0.00584423	16.8406	16.8406	0.0153682	10.2544	10.2544	0.0604363	5.24243	5.24243	2.91538	28.2719	8.61999	1
cg11753363	0.148946	1.19028	1.19028	0.02343	1.35623	1.35623	0.871732	1.01835	1.01835	0.378983	1.10691	1.10691	2.91537	0.584773	0.178295	1
cg10309340	0.12566	0.56624	-1.76604	0.101759	1.84918	1.84918	0.713464	1.13493	1.13493	0.233742	1.53483	1.53483	2.91537	5.43781	1.65797	1
cg00282426	0.586475	0.889774	-1.12388	0.136375	1.40667	1.40667	0.292652	0.792836	-1.2613	0.681536	0.916002	-1.0917	2.91533	2.08757	0.636503	1
cg21570220	0.113329	1.18638	1.18638	0.0857656	0.828327	-1.20725	0.718387	0.964718	-1.03657	0.424723	1.08422	1.08422	2.91532	0.454242	0.1385	1
cg21045241	0.0928642	0.426599	-2.34412	0.0783398	0.406147	-2.46216	0.0286469	0.304383	-3.28534	0.577489	0.771604	-1.296	2.91531	9.8017	2.98857	1
cg23818827	0.451303	0.696963	-1.4348	0.470098	0.707742	-1.41294	0.0524138	0.354294	-2.82252	0.177897	0.509935	-1.96103	2.91531	10.2173	3.11528	1
cg06744585	0.238687	2.04136	2.04136	0.252455	1.99623	1.99623	0.348648	1.74709	1.74709	0.026074	4.60397	4.60397	2.91531	15.4395	4.70758	1
cg00477365	0.282471	0.783978	-1.27555	0.108935	0.683207	-1.46369	0.363259	0.815777	-1.22582	0.352354	0.811758	-1.23189	2.9153	2.19252	0.668509	1
cg02631092	0.0556044	0.42421	-2.35732	0.00391041	0.215356	-4.64347	0.535312	0.780212	-1.2817	0.152911	0.545982	-1.83156	2.91528	7.21629	2.2003	1
cg17524886	0.113402	1.76742	1.76742	0.0700553	1.95342	1.95342	0.627154	0.85059	-1.17566	0.135279	0.587282	-1.70276	2.91525	5.04626	1.53865	1
cg05343184	0.382474	1.18272	1.18272	0.00429141	2.04554	2.04554	0.192757	1.29471	1.29471	0.673021	0.92355	-1.08278	2.9152	1.62093	0.494246	1
cg13813871	0.05782	0.838927	-1.192	0.526818	0.948845	-1.05391	0.305578	0.916796	-1.09075	0.0102858	1.30317	1.30317	2.91516	0.309585	0.0943987	1
cg23678800	0.025764	0.583022	-1.7152	0.065851	0.656702	-1.52276	0.242175	0.779262	-1.28327	0.417391	0.844629	-1.18395	2.91516	1.91668	0.584434	1
cg06785302	?	?	?	0.0728753	8.96598	8.96598	0.558916	1.89279	1.89279	0.133181	5.85062	5.85062	3.26812	39.2341	14.006	1
cg07751270	0.345569	0.849578	-1.17705	0.00290424	1.98745	1.98745	0.476097	1.1293	1.1293	0.783017	1.04742	1.04742	2.91515	1.30016	0.396445	1
cg24122124	0.190851	2.34669	2.34669	?	?	?	0.0480277	0.248614	-4.02229	0.137224	2.68005	2.68005	2.95255	15.7648	5.33938	1
cg20930487	0.555557	0.753817	-1.32658	0.0269873	0.288982	-3.46042	0.477189	0.709931	-1.40859	0.0714273	0.385081	-2.59686	2.91513	10.3733	3.16304	1
cg12989534	0.00824462	0.348678	-2.86797	0.424524	0.77545	-1.28957	0.549992	1.20755	1.20755	0.435736	1.2814	1.2814	2.91513	4.48901	1.3688	1
cg17390041	0.549982	1.50955	1.50955	0.752028	0.80588	-1.24088	0.847155	0.876879	-1.14041	0.013629	0.125211	-7.9865	2.91511	21.4026	6.52616	1
cg21120047	0.539791	0.801988	-1.2469	0.0122626	0.329889	-3.03132	0.169138	0.594079	-1.68328	0.188264	0.609206	-1.64148	2.91511	5.83422	1.779	1
cg17738213	0.17166	0.360948	-2.77049	0.0276678	0.161528	-6.19088	0.105445	0.289768	-3.45104	0.0656331	0.23533	-4.24935	2.91503	22.64	6.90369	1
cg00216523	0.697411	0.935098	-1.06941	0.0131388	0.589702	-1.69577	0.143168	0.763211	-1.31025	0.20919	1.25525	1.25525	2.91503	1.3617	0.415227	1
cg03009240	0.523133	0.76665	-1.30438	0.0206627	0.318446	-3.14025	0.0185559	0.309675	-3.22919	0.665207	1.19575	1.19575	2.91501	7.78417	2.37367	1
cg11565042	0.343597	1.2335	1.2335	0.00376396	2.319	2.319	0.627081	1.11106	1.11106	0.656325	0.908158	-1.10113	2.915	2.13602	0.65135	1
cg09287650	0.750951	1.20104	1.20104	0.683255	0.789769	-1.26619	0.963478	1.02669	1.02669	0.0704432	0.312472	-3.20029	2.91497	15.2803	4.65958	1
cg16279786	0.279343	1.15473	1.15473	0.0060626	1.5816	1.5816	0.302968	1.14624	1.14624	0.64232	0.941925	-1.06166	2.91496	0.755376	0.230345	1
cg11402505	0.776774	1.09033	1.09033	0.596674	0.850037	-1.17642	0.949483	1.01946	1.01946	0.025017	2.25062	2.25062	2.91492	4.27282	1.30297	1
cg08000672	0.801506	0.918474	-1.08876	0.229716	1.5303	1.5303	0.876007	1.05413	1.05413	0.270993	0.679161	-1.47241	2.91491	5.26158	1.6045	1
cg16550606	0.00971072	2.41827	2.41827	0.124169	1.5674	1.5674	0.141441	1.5324	1.5324	0.336011	0.765072	-1.30707	2.91491	3.36384	1.02579	1
cg11039241	0.357733	0.662129	-1.51028	0.121728	0.481285	-2.07777	0.019781	0.293223	-3.41037	0.107636	0.465149	-2.14985	2.9149	8.7727	2.67521	1
cg04012319	0.822407	0.938063	-1.06603	0.694887	1.11864	1.11864	0.0804685	0.57612	-1.73575	0.0295097	0.4824	-2.07297	2.91488	3.73442	1.13881	1
cg02915805	0.455293	0.793229	-1.26067	0.930693	0.973851	-1.02685	0.69079	0.885332	-1.12952	0.249293	0.692958	-1.44309	2.91488	4.28351	1.30625	1
cg00278028	0.011427	0.508791	-1.96544	0.590823	1.12284	1.12284	0.0726504	0.652126	-1.53345	0.961336	1.0104	1.0104	2.91488	2.10375	0.641536	1
cg00186954	0.303021	0.437849	-2.28389	0.0143727	0.0967225	-10.3389	0.0095601	0.0788439	-12.6833	0.0776474	0.219119	-4.56374	2.91487	27.6638	8.43607	1
cg17527435	0.65322	1.2124	1.2124	0.0153985	3.54767	3.54767	0.226682	1.71697	1.71697	0.736929	0.866252	-1.1544	2.91484	8.37245	2.55321	1
cg08667786	0.0841348	0.413536	-2.41817	0.010431	0.225364	-4.43727	0.764317	0.870281	-1.14905	0.0911889	0.423304	-2.36237	2.91483	9.85688	3.0059	1
cg17240836	0.0507766	0.716217	-1.39622	0.250878	0.835326	-1.19714	0.0575218	1.3801	1.3801	0.725956	1.05419	1.05419	2.91479	1.03836	0.316656	1
cg03670238	0.058158	1.87083	1.87083	0.0309142	2.09869	2.09869	0.0166761	2.35134	2.35134	0.232122	1.44282	1.44282	2.91478	3.95065	1.20479	1
cg05183567	0.807227	0.934638	-1.06993	0.0595065	1.80058	1.80058	0.864282	0.953798	-1.04844	0.495611	0.825875	-1.21084	2.9147	3.5293	1.07633	1
cg01226278	0.795452	0.897193	-1.11459	0.446476	1.3827	1.3827	0.570647	0.787165	-1.27038	0.213011	0.578307	-1.72919	2.91467	8.04937	2.45482	1
cg19772399	0.0091012	3.146	3.146	0.281462	0.678991	-1.47277	0.656425	0.85654	-1.16749	0.832173	1.07616	1.07616	2.91465	5.52189	1.68403	1
cg24411723	0.01625	0.528132	-1.89346	0.241992	1.30473	1.30473	0.17365	1.36948	1.36948	0.545135	1.14227	1.14227	2.91462	2.17791	0.66421	1
cg18125735	0.926324	0.983216	-1.01707	0.0152449	0.579652	-1.72517	0.915202	0.980697	-1.01968	0.0305501	1.59217	1.59217	2.91459	1.54594	0.47148	1
cg22946460	0.545384	0.679573	-1.47151	0.0129876	0.142874	-6.99916	0.0456539	0.235411	-4.24789	0.137912	0.364808	-2.74117	2.91459	18.3913	5.60896	1
cg05219829	0.957478	0.982039	-1.01829	0.944438	0.976587	-1.02397	0.91223	0.963214	-1.03819	0.919932	0.9664	-1.03477	2.91458	5.33353	1.62662	1
cg16706749	0.348795	0.601437	-1.66268	0.0310273	0.263281	-3.79822	0.32776	0.587141	-1.70317	0.22802	0.513263	-1.94832	2.91455	12.8255	3.91155	1
cg20923156	0.164018	1.1441	1.1441	0.0799213	0.838498	-1.19261	0.122751	1.16368	1.16368	0.154321	0.870905	-1.14823	2.9145	0.379311	0.115685	1
cg08535171	0.31676	0.640985	-1.5601	0.0279631	0.327632	-3.05221	0.769034	1.13489	1.13489	0.174857	0.537892	-1.85911	2.91447	8.52364	2.59964	1
cg16818740	0.949143	0.984537	-1.01571	0.00467269	0.398975	-2.50642	0.782223	0.934541	-1.07004	0.0839569	1.59552	1.59552	2.91445	2.7552	0.840317	1
cg04160694	0.112644	0.650006	-1.53845	0.0594597	0.588214	-1.70006	0.179925	1.42653	1.42653	0.197089	1.40515	1.40515	2.91445	2.87196	0.875929	1
cg06312985	0.160505	0.3235	-3.09119	0.121152	0.282202	-3.54356	0.0608711	0.203822	-4.90623	0.288902	0.436602	-2.29042	2.91444	26.1567	7.97766	1
cg00735329	0.0385954	4.78503	4.78503	0.0138415	7.29729	7.29729	0.0251756	5.69568	5.69568	0.122265	2.98715	2.98715	2.91443	19.7072	6.01061	1
cg03435264	0.0729572	1.44575	1.44575	0.417351	1.16504	1.16504	0.231182	0.793361	-1.26046	0.534329	0.890482	-1.12299	2.9144	1.56794	0.47822	1
cg27323301	0.00204179	0.372087	-2.68754	0.135393	0.693495	-1.44197	0.336931	0.798395	-1.25251	0.658935	1.1063	1.1063	2.9144	2.38722	0.7281	1
cg23752380	0.0903927	1.3648	1.3648	0.172142	0.784872	-1.27409	0.228838	1.23429	1.23429	0.0905766	1.36451	1.36451	2.91439	1.2823	0.391101	1
cg23496400	0.286869	0.841308	-1.18862	0.747619	0.950806	-1.05174	0.0270121	1.50549	1.50549	0.779427	0.957079	-1.04485	2.91436	1.12686	0.343698	1
cg20103201	0.00990664	0.635639	-1.57322	0.0646579	0.749305	-1.33457	0.306601	0.863123	-1.15858	0.0962161	0.775668	-1.28921	2.91435	0.892669	0.272267	1
cg04385631	0.216595	1.60198	1.60198	0.018361	0.354485	-2.821	0.293229	1.48464	1.48464	0.711809	0.874166	-1.14395	2.91433	6.06296	1.84924	1
cg06922155	0.0173769	0.602501	-1.65975	0.840195	0.965299	-1.03595	0.913439	1.0192	1.0192	0.0639822	0.694773	-1.43932	2.91432	1.41235	0.430777	1
cg11270633	0.658351	1.23549	1.23549	0.0150463	0.241714	-4.13713	0.380957	0.65244	-1.53271	0.285281	0.590142	-1.69451	2.91429	10.4225	3.17897	1
cg02130040	0.0423306	0.682102	-1.46606	0.135269	0.768435	-1.30135	0.0578228	0.704061	-1.42033	0.153497	0.778779	-1.28406	2.91429	1.23538	0.376805	1
cg14576896	0.193617	0.650083	-1.53827	0.00658472	0.331304	-3.01837	0.0446352	2.05821	2.05821	0.708237	1.1249	1.1249	2.91429	4.5244	1.37999	1
cg04972224	0.445086	0.850487	-1.1758	0.0498982	0.627986	-1.59239	0.633367	1.10514	1.10514	0.321653	1.23739	1.23739	2.91428	1.99758	0.609284	1
cg15680973	0.423087	1.35762	1.35762	0.037451	0.405664	-2.46509	0.0842602	2.04152	2.04152	0.117156	0.529425	-1.88884	2.91428	6.4443	1.96558	1
cg04948892	0.292723	0.831872	-1.20211	0.084345	1.37987	1.37987	0.057381	1.4369	1.4369	0.931201	1.01467	1.01467	2.91422	1.31254	0.400348	1
cg21825526	0.280244	0.817107	-1.22383	0.144711	1.32564	1.32564	0.974617	1.00574	1.00574	0.0233223	0.613997	-1.62867	2.91422	1.49465	0.455896	1
cg24159891	0.00211645	0.202664	-4.93427	0.852954	0.933753	-1.07095	0.78454	1.10654	1.10654	0.665791	0.85169	-1.17414	2.91422	6.2985	1.92116	1
cg27357361	0.00926839	0.664997	-1.50377	0.0521577	0.761155	-1.31379	0.852821	0.977315	-1.02321	0.501105	1.08803	1.08803	2.9142	0.704615	0.214922	1
cg03548386	0.0265134	0.638308	-1.56664	0.0148692	1.66757	1.66757	0.332138	1.18623	1.18623	0.404301	0.864451	-1.1568	2.91415	1.34476	0.410187	1
cg06794034	0.757571	0.830425	-1.2042	0.00359963	0.0938942	-10.6503	0.0135074	0.159627	-6.26461	0.197172	0.441213	-2.26648	2.91414	16.6237	5.07067	1
cg03382841	0.504679	1.15478	1.15478	0.456509	1.17493	1.17493	0.331503	1.23737	1.23737	0.950226	1.01336	1.01336	2.91412	2.0857	0.636198	1
cg20161985	0.815093	1.09744	1.09744	0.125188	0.513408	-1.94777	0.0400655	0.38167	-2.62006	0.815	0.911169	-1.09749	3.12769	7.63484	1.89859	1
cg13409578	0.599272	1.11977	1.11977	0.084448	1.50262	1.50262	0.0131841	1.92636	1.92636	0.648752	0.906793	-1.10279	2.91409	2.10085	0.640823	1
cg08901752	0.074566	0.542244	-1.84419	0.00866176	0.356636	-2.80398	0.789306	0.920796	-1.08602	0.193109	1.52858	1.52858	2.91407	4.38122	1.33642	1
cg22378853	0.0673513	0.347375	-2.87873	0.00813853	0.174247	-5.73899	0.0257774	0.255205	-3.91842	0.228023	0.520661	-1.92064	2.91406	12.2791	3.74554	1
cg22992057	0.0898951	0.565863	-1.76721	0.145677	0.62137	-1.60935	0.396043	1.30308	1.30308	0.109443	0.58767	-1.70164	2.91403	4.28175	1.30609	1
cg03272344	0.132538	1.25949	1.25949	0.185694	1.22074	1.22074	0.115289	0.783981	-1.27554	0.4094	0.88699	-1.12741	2.91402	0.93241	0.284421	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20578893	HCG2P7	0.0734302	0.298187	0.812628	-1.23057	0.460464	1.15555	1.15555	0.153894	0.745488	-1.3414	0.666626	1.08696	1.08696	0.0963647	1.42086	1.42086
cg14393411	GADD45GIP1	0.0734308	0.509894	1.10482	1.10482	0.896883	0.980851	-1.01952	0.0456113	1.40747	1.40747	0.336155	0.862531	-1.15938	0.439893	1.12464	1.12464
cg02571972	GPR45	0.0734314	0.0826213	0.419962	-2.38117	0.0464672	0.357266	-2.79903	0.0455598	0.355297	-2.81454	0.371176	1.5135	1.5135	0.0177243	0.272106	-3.67504
cg03469202	TRAM1;TRAM1	0.0734319	0.530357	0.951809	-1.05063	0.174392	0.893807	-1.11881	0.594896	1.04259	1.04259	0.850756	1.01474	1.01474	0.582206	0.957743	-1.04412
cg02998278	C4orf33;C4orf33;C4orf33	0.0734331	0.959754	0.985091	-1.01514	0.00721026	0.356186	-2.80752	0.00699923	0.354092	-2.82412	0.503734	0.817109	-1.22383	0.533571	0.828865	-1.20647
cg04409954	SLC22A25	0.0734332	0.0977657	0.169892	-5.88608	0.0511854	0.114552	-8.72965	0.0391545	0.0973831	-10.2687	0.221166	0.2851	-3.50755	0.0298081	0.082508	-12.12
cg17196805	STARD3;STARD3;STARD3	0.0734355	0.385427	1.22805	1.22805	0.0855233	0.644804	-1.55086	0.0256212	0.542188	-1.84438	0.369589	1.23706	1.23706	0.513515	0.858152	-1.1653
cg09339156	CCDC42B	0.0734377	0.771969	0.871262	-1.14776	0.08475	2.46978	2.46978	0.330598	0.621189	-1.60982	0.0399374	3.08391	3.08391	0.0160896	0.247359	-4.04271
cg15907464	BCYRN1;INGX	0.0734407	0.00875144	0.0440385	-22.7074	0.0325375	0.0963635	-10.3774	0.499686	0.526939	-1.89775	0.601495	1.63674	1.63674	0.548189	0.566568	-1.76501
cg19407965	HDGF2;HDGF2	0.0734409	0.241582	0.857517	-1.16616	0.556531	1.07743	1.07743	0.635953	0.941956	-1.06162	0.00387311	1.62887	1.62887	0.0433163	1.33837	1.33837
cg20185615	SNX8	0.0734428	0.305103	0.636633	-1.57076	0.0482639	0.383009	-2.6109	0.106505	0.472635	-2.1158	0.585428	1.26391	1.26391	0.00692161	0.226245	-4.41998
cg26522244	FTSJD1;FTSJD1;FTSJD1;FTSJD1	0.073443	0.560459	1.07327	1.07327	0.705149	0.955362	-1.04672	0.159581	0.834815	-1.19787	0.493209	0.919805	-1.08719	0.537536	0.92775	-1.07788
cg25923056	EGLN2;EGLN2;EGLN2	0.0734433	0.671165	0.909575	-1.09941	0.32339	0.797425	-1.25404	0.378833	1.22187	1.22187	0.994334	1.00158	1.00158	0.0959455	0.666445	-1.5005
cg24951593	NUP98;PGAP2;NUP98;PGAP2;PGAP2;NUP98;PGAP2;NUP98;PGAP2	0.0734439	0.0186596	0.491118	-2.03617	0.183009	1.42243	1.42243	0.337878	1.2794	1.2794	0.140252	0.673204	-1.48543	0.0853296	0.62228	-1.60699
cg06697455	CDH9	0.0734439	0.271612	0.576974	-1.73318	0.988409	0.993043	-1.00701	0.187888	0.5114	-1.95542	0.394724	0.657774	-1.52028	0.0696344	0.377154	-2.65144
cg05355055	SPATA1	0.0734468	0.0246565	0.677798	-1.47536	0.551523	0.916156	-1.09152	0.0696283	0.744568	-1.34306	0.526837	0.911007	-1.09769	0.0873285	1.3157	1.3157
cg26097674	ATG4B;ATG4B	0.0734468	0.50543	1.1628	1.1628	0.114179	1.46749	1.46749	0.796513	0.943953	-1.05938	0.864053	0.962471	-1.03899	0.641713	1.11026	1.11026
cg07434244	G0S2	0.0734485	0.0897446	0.731106	-1.36779	0.472633	1.13011	1.13011	0.187304	0.791353	-1.26366	0.149604	0.77206	-1.29524	0.0763652	0.718833	-1.39114
cg02029687	PRDM11	0.0734518	0.879599	1.04923	1.04923	0.00612419	0.321688	-3.1086	0.116997	0.582802	-1.71585	0.559426	0.829323	-1.2058	0.0714972	0.528274	-1.89296
cg12688670	KIF22	0.0734541	0.995933	1.00089	1.00089	0.9999	1.00002	1.00002	0.0562644	1.45807	1.45807	0.128457	1.33196	1.33196	0.979676	1.00445	1.00445
cg20517614	FRMD4A	0.0734546	0.0889175	0.327972	-3.04905	0.106999	2.84479	2.84479	0.217511	0.462617	-2.16161	0.45845	0.638541	-1.56607	0.0204227	0.190101	-5.26036
cg10582450	S100A5	0.0734551	0.797123	0.946059	-1.05702	0.425446	0.8393	-1.19147	0.119968	0.69552	-1.43777	0.872085	0.965911	-1.03529	0.00554983	0.456445	-2.19085
cg01281501	GPR133	0.0734578	0.0614409	0.289327	-3.4563	0.0405016	4.02512	4.02512	0.646814	1.31199	1.31199	0.488372	0.660783	-1.51336	0.0341413	0.233378	-4.2849
cg09060469	NFASC;NFASC;NFASC;NFASC;NFASC;NFASC	0.073458	0.7689	1.04292	1.04292	0.856699	0.974548	-1.02612	0.495187	1.10383	1.10383	0.170716	1.23129	1.23129	0.0380605	1.40911	1.40911
cg05415724	ZC3H6	0.0734591	0.35142	0.786063	-1.27216	0.0426966	1.79612	1.79612	0.16909	1.44447	1.44447	0.406844	1.23736	1.23736	0.731211	0.917086	-1.09041
cg26015019	VGLL4;VGLL4	0.0734604	0.408994	1.56176	1.56176	0.190903	0.481363	-2.07744	0.253829	0.53307	-1.87593	0.0284837	3.91494	3.91494	0.129398	0.421046	-2.37504
cg16505731	C3orf22	0.0734609	0.468607	1.10936	1.10936	0.0507543	0.731061	-1.36787	0.343023	0.871546	-1.14739	0.505981	1.09964	1.09964	0.162997	1.23316	1.23316
cg03128101	MOBKL1B	0.073462	0.52186	1.28848	1.28848	0.0638651	2.25529	2.25529	0.139682	1.85993	1.85993	0.984539	1.00759	1.00759	0.851974	1.07566	1.07566
cg09505836	BMP8B;PPIE	0.0734622	0.100187	0.723657	-1.38187	0.17009	0.76921	-1.30004	0.394406	1.16958	1.16958	0.444103	0.869269	-1.15039	0.00818671	0.544659	-1.83601
cg13552742	VASH1;VASH1	0.0734633	0.351318	1.21363	1.21363	0.408181	0.843021	-1.18621	0.0612127	1.53077	1.53077	0.210077	1.30553	1.30553	0.264741	0.79087	-1.26443
cg25889750	ADAMTS3;ADAMTS3	0.0734648	0.00454959	0.267155	-3.74315	0.475675	0.776218	-1.2883	0.563141	1.22649	1.22649	0.796361	0.91364	-1.09452	0.170683	0.600776	-1.66451
cg14415083	UBAP2L;UBAP2L;C1orf43;C1orf43;C1orf43	0.073465	0.132338	0.627151	-1.59451	0.790189	0.926253	-1.07962	0.830118	1.06367	1.06367	0.0172454	0.434535	-2.30131	0.0309511	0.482985	-2.07046
cg05095290	TRMT61A	0.0734651	0.9301	0.982942	-1.01735	0.534932	0.884062	-1.13114	0.00501498	2.07103	2.07103	0.0219735	1.7141	1.7141	0.757388	1.06265	1.06265
cg23474268	SLC25A42	0.0734685	0.558683	0.934486	-1.07011	0.211074	1.16296	1.16296	0.23179	1.15453	1.15453	0.890308	1.01594	1.01594	0.492385	1.08316	1.08316
cg07958878	SLC45A1	0.0734697	0.482507	0.868193	-1.15182	0.0418891	0.62854	-1.59099	0.411468	1.18093	1.18093	0.366604	0.83221	-1.20162	0.0113813	0.534018	-1.8726
cg25655234	SORCS2	0.0734697	0.251422	0.366379	-2.72941	0.957635	0.956746	-1.04521	0.502989	0.567188	-1.76308	0.0669184	0.175441	-5.69993	0.018177	0.0852367	-11.732
cg21550372	WDR25;WDR25	0.0734713	0.263284	0.584438	-1.71105	0.373481	0.656549	-1.52312	0.157317	0.498335	-2.00668	0.495242	0.726921	-1.37567	0.00931564	0.218895	-4.5684
cg06171076	HIST1H1E	0.0734721	0.684495	1.111	1.111	0.186366	1.43469	1.43469	0.836079	0.948016	-1.05483	0.844257	1.05198	1.05198	0.446737	1.22118	1.22118
cg14324585	PLEC1;PLEC1;PLEC1;PLEC1	0.0734744	0.0116147	0.535556	-1.86722	0.0181509	0.566753	-1.76444	0.304827	0.810316	-1.23409	0.113803	0.711386	-1.40571	0.153009	0.738667	-1.35379
cg01008894	RGS12;RGS12	0.0734747	0.0185853	0.605565	-1.65135	0.714382	1.06674	1.06674	0.0143689	0.588364	-1.69963	0.777066	0.95133	-1.05116	0.0475075	0.671376	-1.48948
cg19479086	RNF145	0.0734788	0.0581721	0.585012	-1.70937	0.0887481	1.60019	1.60019	0.554012	1.16171	1.16171	0.539589	1.16826	1.16826	0.176186	0.697614	-1.43346
cg26100149	CPEB4	0.0734805	0.615225	1.24412	1.24412	0.834786	1.09419	1.09419	0.0964258	0.455345	-2.19614	0.878693	1.06804	1.06804	0.338184	0.653423	-1.5304
cg26740494	MMP23A;MMP23B	0.073482	0.114543	2.04239	2.04239	0.0278685	2.94851	2.94851	0.0261037	2.99918	2.99918	0.166738	1.84669	1.84669	0.357544	1.48243	1.48243
cg16694480	CAPZB	0.0734838	0.0418634	0.368317	-2.71505	0.00980719	0.248973	-4.0165	0.0389245	0.36129	-2.76786	0.715657	0.855732	-1.16859	0.0953918	0.458303	-2.18196
cg01143607	LOC728448	0.0734873	0.438394	1.3432	1.3432	0.0470974	0.428182	-2.33546	0.179846	0.587575	-1.70191	0.0241691	0.366608	-2.72771	0.0183314	0.3435	-2.91121
cg01571283	ARHGEF10	0.0734932	0.903711	0.962056	-1.03944	0.179446	1.57739	1.57739	0.141979	1.65638	1.65638	0.251292	0.681741	-1.46683	0.00527812	0.308661	-3.2398
cg25037384	OTX1	0.073497	0.571608	0.632724	-1.58047	0.00485979	19.8833	19.8833	0.21087	2.87362	2.87362	0.171608	3.20696	3.20696	0.842495	0.852743	-1.17269
cg19730691	TBX15	0.0734979	0.595859	1.43687	1.43687	0.612703	1.41295	1.41295	0.325365	1.98913	1.98913	0.96984	0.974722	-1.02593	0.178493	0.379846	-2.63265
cg25208017	FMN2	0.0734984	?	?	?	0.105741	0.38954	-2.56713	0.939586	1.0407	1.0407	0.62877	1.29262	1.29262	0.4124	1.55664	1.55664
cg25363808	OAZ3;MRPL9	0.0734994	0.206744	0.32075	-3.11769	0.0391316	0.130215	-7.67961	0.490168	0.549609	-1.81948	0.970881	1.03166	1.03166	0.0137292	0.0741348	-13.4889
cg27591016	LRCH1;LRCH1;LRCH1	0.0735004	0.458269	0.825674	-1.21113	0.0146961	2.14195	2.14195	0.991054	1.00285	1.00285	0.326408	0.773386	-1.29302	0.0333891	0.532312	-1.8786
cg05215310	FEM1A	0.073502	0.106342	0.663267	-1.50769	0.120557	1.47996	1.47996	0.0676811	1.61052	1.61052	0.573145	0.875859	-1.14174	0.0246177	0.536246	-1.86481
cg10259889	SH2B2	0.0735036	0.679176	0.751502	-1.33067	0.862492	0.887734	-1.12646	0.559111	0.666456	-1.50047	0.0614752	0.235248	-4.25084	0.0807295	0.264367	-3.78262
cg23641108	RPS6KA2	0.0735043	0.77586	1.08915	1.08915	0.196566	0.664662	-1.50452	0.107613	0.591374	-1.69098	0.20987	1.48489	1.48489	0.598816	0.85315	-1.17213
cg21175585	SLC7A1	0.0735047	0.539581	0.869278	-1.15038	0.337088	1.25012	1.25012	0.832745	0.953418	-1.04886	0.562956	0.876412	-1.14102	0.278924	1.28908	1.28908
cg14835956	CASZ1;CASZ1	0.073505	0.84427	1.03838	1.03838	0.254567	1.25589	1.25589	0.156705	1.33659	1.33659	0.750211	0.940661	-1.06308	0.793684	1.05148	1.05148
cg10151248	PC;PC;PC	0.0735053	0.682692	1.06115	1.06115	0.0252872	1.46824	1.46824	0.0980235	0.769452	-1.29963	0.208487	1.21103	1.21103	0.04391	1.39709	1.39709
cg06357561	STAT5A	0.0735067	0.099883	0.243655	-4.10416	0.0112998	0.0833668	-11.9952	0.00600262	0.0600934	-16.6408	0.285427	0.419439	-2.38413	0.284706	0.418852	-2.38748
cg02367918	LOC729991-MEF2B;LOC729991-MEF2B;LOC729991-MEF2B;LOC729991	0.0735069	0.038912	0.292586	-3.41779	0.0231402	0.247616	-4.03852	0.106425	0.404029	-2.47507	0.70113	0.820176	-1.21925	0.00510668	0.149253	-6.70004
cg24229701	PIWIL1	0.0735077	0.127564	0.279593	-3.57663	0.872629	0.883292	-1.13213	0.0987229	0.246512	-4.0566	0.136982	0.289662	-3.4523	0.00815376	0.072862	-13.7246
cg24694879	GPR133	0.0735081	0.0122835	0.365307	-2.73743	0.838678	1.06804	1.06804	0.255601	0.681656	-1.46702	0.635084	1.16693	1.16693	0.00957596	0.346701	-2.88433
cg12499311	DDX46	0.0735085	0.0760984	0.445332	-2.24552	0.32031	0.656472	-1.52329	0.235028	0.600426	-1.66548	0.374023	0.687986	-1.45352	0.00468168	0.214194	-4.66867
cg07102229	SLC38A4;SLC38A4	0.0735089	0.0386596	0.367047	-2.72445	0.15867	1.87867	1.87867	0.351089	0.669214	-1.49429	0.418009	0.707257	-1.41391	0.0947611	0.46371	-2.15652
cg22967298	PCNP	0.0735091	0.444722	0.925231	-1.08081	0.0312833	1.28662	1.28662	0.17205	1.15604	1.15604	0.381292	1.0937	1.0937	0.0654891	1.22901	1.22901
cg02512559	CFDP1	0.073512	0.0482539	0.312709	-3.19787	0.00888282	0.179976	-5.55629	0.119817	0.419287	-2.385	0.870277	1.08782	1.08782	0.831848	0.896272	-1.11573
cg21863946	CROCC;CROCC	0.0735123	0.0355067	0.358886	-2.7864	0.170961	0.543172	-1.84104	0.69665	0.848728	-1.17823	0.242846	0.599494	-1.66807	0.017836	0.299493	-3.33898
cg10778556	C1orf128	0.0735123	0.345468	0.811855	-1.23175	0.120863	1.43455	1.43455	0.188764	0.741786	-1.3481	0.00383561	0.43342	-2.30723	0.680928	0.915124	-1.09275
cg03521696	HLA-G	0.0735128	0.0272607	25.9903	25.9903	0.020623	32.3418	32.3418	0.229023	4.82596	4.82596	0.130934	7.64174	7.64174	0.36171	3.21898	3.21898
cg16311462	STK10	0.0735129	0.035454	0.187289	-5.33934	0.0534363	0.222965	-4.48501	0.353679	0.520587	-1.92091	0.208425	0.403651	-2.47739	0.0465666	0.210306	-4.75497
cg23295754	SIRPG;SIRPG;SIRPG	0.0735129	0.0427068	0.22684	-4.40839	0.234359	0.452622	-2.20935	0.121633	0.344013	-2.90687	0.512279	0.65533	-1.52595	0.0450391	0.231654	-4.31679
cg03833566	C3orf54	0.0735185	0.453538	0.881643	-1.13425	0.42518	0.874278	-1.1438	0.0575598	0.701654	-1.4252	0.324851	0.845579	-1.18262	0.120395	1.32039	1.32039
cg03459791	TEKT3	0.073519	0.0438783	0.450455	-2.21998	0.413011	0.749637	-1.33398	0.387644	1.35647	1.35647	0.108694	0.547481	-1.82655	0.0276691	0.408045	-2.45071
cg08217388	WNT5A	0.0735199	0.0767489	3.68549	3.68549	0.811492	1.17155	1.17155	0.0167016	6.93143	6.93143	0.117718	3.08275	3.08275	0.0347899	5.10612	5.10612
cg04530852	GTPBP5	0.0735201	0.152042	0.763583	-1.30962	0.402271	0.86012	-1.16263	0.266195	1.22587	1.22587	0.847734	0.966774	-1.03437	0.00733187	0.544639	-1.83608
cg01840803	FLJ45244;DICER1	0.0735213	0.426683	1.11355	1.11355	0.973394	1.00443	1.00443	0.548398	1.0838	1.0838	0.158027	0.818726	-1.22141	0.135649	1.23752	1.23752
cg16516295	C3orf25	0.0735223	0.0906549	0.389171	-2.56956	0.0649186	0.350153	-2.85589	0.310548	0.587896	-1.70098	0.808486	1.13081	1.13081	0.0790671	0.372645	-2.68352
cg18401934	PHRF1	0.0735259	0.859218	0.957513	-1.04437	0.43301	1.21611	1.21611	0.98148	0.99434	-1.00569	0.612009	0.882425	-1.13324	0.00320778	0.373927	-2.67432
cg26303165	OBSCN;OBSCN	0.0735267	0.0407081	57.5375	57.5375	0.0326477	72.8139	72.8139	0.119011	18.2103	18.2103	0.0876597	25.366	25.366	0.0502862	45.9416	45.9416
cg00096065	SYNPO	0.0735268	0.00817784	0.28739	-3.47959	0.235798	1.58052	1.58052	0.99374	1.00289	1.00289	0.905772	0.957308	-1.0446	0.0303489	0.391452	-2.55459
cg03136712	DND1	0.0735302	0.395705	1.23571	1.23571	0.373125	1.24917	1.24917	0.971199	0.991254	-1.00882	0.431215	0.822438	-1.2159	0.27792	0.759917	-1.31593
cg24171628	ENOX1;ENOX1	0.0735322	0.483776	0.853659	-1.17143	0.145667	1.4153	1.4153	0.543582	0.872236	-1.14648	0.947349	0.985424	-1.01479	0.00580366	0.447804	-2.23312
cg23710498	C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38	0.0735327	0.414609	0.843256	-1.18588	0.0480478	0.630034	-1.58721	0.028514	0.589566	-1.69616	0.227412	1.2957	1.2957	0.359203	0.824703	-1.21256
cg23956071	PLD2	0.0735327	0.0161129	0.623499	-1.60385	0.955338	1.00903	1.00903	0.581818	1.09334	1.09334	0.142997	1.28731	1.28731	0.0255255	0.653266	-1.53077
cg09939205	PPPDE2	0.0735331	0.0273034	0.445578	-2.24428	0.0565667	0.512684	-1.95052	0.633519	1.1603	1.1603	0.516948	0.815969	-1.22554	0.00620875	0.331419	-3.01733
cg13465852	CORO6	0.0735349	0.207453	2.29204	2.29204	0.0798849	0.297417	-3.36229	0.497061	0.650361	-1.53761	0.195562	2.34929	2.34929	0.625681	1.35901	1.35901
cg15574924	BAT2	0.0735359	0.175064	0.42165	-2.37163	0.282197	0.512147	-1.95257	0.377736	0.581626	-1.71932	0.92339	0.944034	-1.05928	0.00377732	0.0963269	-10.3813
cg25400614	PCYT2	0.073536	0.0695153	0.417608	-2.39459	0.282623	0.618658	-1.6164	0.139359	0.504476	-1.98225	0.0240567	0.31429	-3.18178	0.00788532	0.230849	-4.33184
cg09607396	PARN;PARN	0.07354	0.0556205	0.50065	-1.9974	0.00665134	0.325182	-3.0752	0.807004	0.924897	-1.0812	0.0913508	0.552616	-1.80957	0.179184	0.634347	-1.57642
cg06081199	CFTR;CFTR	0.073541	0.0368844	8.23329	8.23329	0.478117	1.87237	1.87237	0.0605766	6.29747	6.29747	0.941989	0.938667	-1.06534	0.10589	4.64609	4.64609
cg03573975	NDUFS6	0.0735418	0.298706	1.24112	1.24112	0.101613	1.4325	1.4325	0.676023	1.08794	1.08794	0.0977247	1.43959	1.43959	0.290899	1.24582	1.24582
cg13911590	HSPA1B;HSPA1B	0.0735444	0.379039	0.801366	-1.24787	0.728045	0.91791	-1.08943	0.0588267	1.68816	1.68816	0.970505	1.00911	1.00911	0.674629	1.10916	1.10916
cg15278888	LOC285780;LY86	0.0735453	0.843239	1.08459	1.08459	0.723688	0.86452	-1.15671	0.0277204	0.343964	-2.90728	0.014	0.288088	-3.47116	0.394174	1.43038	1.43038
cg17397424	MAD1L1;MAD1L1;MAD1L1	0.0735478	0.575486	1.13535	1.13535	0.297277	1.27436	1.27436	0.925198	0.97915	-1.02129	0.786238	1.06289	1.06289	0.00397519	0.419427	-2.38421
cg12860391	RYR3	0.0735487	0.665018	0.950045	-1.05258	0.155127	0.836135	-1.19598	0.931696	0.989967	-1.01014	0.119858	1.21957	1.21957	0.856055	0.978867	-1.02159
cg04346226	RAB12	0.0735506	0.0397242	0.573203	-1.74458	0.312316	1.27712	1.27712	0.243753	1.33033	1.33033	0.920378	0.976872	-1.02368	0.154431	0.699954	-1.42867
cg13825334	ATP10A	0.0735529	0.479769	1.10042	1.10042	0.0915975	0.780802	-1.28073	0.786747	0.964525	-1.03678	0.0973547	1.27421	1.27421	0.161859	1.22013	1.22013
cg17284070	LOC25845	0.0735539	0.408577	0.787472	-1.26989	0.321591	1.3357	1.3357	0.950059	0.98245	-1.01786	0.142965	1.56052	1.56052	0.372579	0.772008	-1.29532
cg15165676	BCL6B	0.0735546	0.0606492	3.08322	3.08322	0.00742968	6.26806	6.26806	0.106442	2.55604	2.55604	0.244012	1.91338	1.91338	0.121774	0.409455	-2.44227
cg01399598	MGAT4C	0.0735549	0.0830105	2.24756	2.24756	0.830719	1.09453	1.09453	0.024179	0.321718	-3.10832	0.316251	0.645856	-1.54833	0.736131	0.86701	-1.15339
cg16514167	MICALCL	0.0735554	0.39859	0.797478	-1.25395	0.168878	0.681239	-1.46791	0.0392205	0.535404	-1.86775	0.130856	0.652363	-1.53289	0.0303098	0.513369	-1.94792
cg00035326	MTG1	0.0735554	0.010233	0.576048	-1.73597	0.224433	1.24288	1.24288	0.318483	1.19205	1.19205	0.974042	0.994471	-1.00556	0.817528	0.961387	-1.04016
cg27491025	TMED1	0.0735565	0.0430236	1.86556	1.86556	0.177899	1.46728	1.46728	0.0131691	2.27771	2.27771	0.0125859	2.29559	2.29559	0.136922	1.53585	1.53585
cg22955676	POLQ;POLQ	0.0735569	0.102463	1.47605	1.47605	0.816724	1.05189	1.05189	0.164475	1.38152	1.38152	0.241397	1.30631	1.30631	0.188912	1.3543	1.3543
cg06436655	UBL5;UBL5;UBL5;UBL5	0.0735582	0.768661	0.875256	-1.14252	0.751437	0.866277	-1.15437	?	?	?	0.00846784	0.219051	-4.56515	0.696963	1.19338	1.19338
cg16540704	ASZ1;ASZ1	0.0735587	0.287882	1.1634	1.1634	0.0360032	1.39732	1.39732	0.820613	0.969328	-1.03164	0.134527	1.24772	1.24772	0.682898	1.05795	1.05795
cg14001479	TEAD1	0.07356	0.639347	0.860735	-1.1618	0.00328509	0.280042	-3.5709	0.177154	0.633955	-1.5774	0.205977	0.654489	-1.52791	0.847567	1.06306	1.06306
cg16608652	B3GALT2;B3GALT2;CDC73	0.0735603	0.108638	0.554758	-1.80259	0.0526549	0.47628	-2.09961	0.635845	1.17422	1.17422	0.272014	1.4696	1.4696	0.0382548	0.445497	-2.24469
cg12237140	KPTN	0.0735608	0.185861	0.512625	-1.95074	0.0129431	0.230025	-4.34736	0.714574	0.839476	-1.19122	0.136295	2.14826	2.14826	0.15788	0.48709	-2.05301
cg08369368	NSD1;NSD1	0.0735633	0.185669	11.4617	11.4617	0.140482	15.7336	15.7336	0.182895	11.6622	11.6622	0.0790939	29.6176	29.6176	0.986298	1.0303	1.0303
cg08961621	KCNJ15;KCNJ15;KCNJ15	0.0735641	0.138391	0.424423	-2.35614	0.809666	1.13841	1.13841	0.070571	0.337699	-2.96121	0.130433	0.415831	-2.40482	0.00863229	0.165478	-6.04311
cg17240004	CASR	0.0735641	0.00981561	0.115913	-8.62717	0.10768	0.313826	-3.18648	0.565929	0.681762	-1.46679	0.483518	0.624962	-1.6001	0.0098583	0.11613	-8.61103
cg24530610	PANK4	0.0735642	0.00209975	0.589428	-1.69656	0.621376	1.06271	1.06271	0.571099	0.932456	-1.07244	0.0990043	0.801743	-1.24728	0.950996	1.00754	1.00754
cg21804372	AKAP9;AKAP9;AKAP9;AKAP9	0.0735687	0.59452	0.934214	-1.07042	0.609009	0.936746	-1.06753	0.329629	0.880356	-1.1359	0.247522	0.858009	-1.16549	0.0745516	0.777537	-1.28611
cg20787173	EYA4;EYA4;EYA4	0.0735688	0.283168	0.908072	-1.10123	0.108161	1.16366	1.16366	0.324571	1.09196	1.09196	0.967989	1.00348	1.00348	0.250666	0.901404	-1.10938
cg12415687	PTPRN2;PTPRN2;PTPRN2	0.0735696	0.909253	0.970144	-1.03077	0.062252	0.572373	-1.74711	0.015515	0.45422	-2.20158	0.377139	1.27241	1.27241	0.36032	1.28403	1.28403
cg09111264	CUL4A;CUL4A	0.0735704	0.108292	0.542965	-1.84174	0.140481	0.575373	-1.738	0.200743	0.624337	-1.6017	0.0453064	0.449129	-2.22653	0.00418964	0.262578	-3.80839
cg09225230	EDARADD;EDARADD	0.0735724	0.016289	0.122404	-8.16965	0.644414	0.717267	-1.39418	0.886822	0.903186	-1.10719	0.213873	0.392275	-2.54923	0.00829134	0.0895172	-11.171
cg27518993	DUSP7	0.0735724	0.0158105	9.65121	9.65121	0.275167	2.38819	2.38819	0.977475	0.978584	-1.02188	0.166099	3.10302	3.10302	0.157352	3.18828	3.18828
cg18397882	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.0735763	0.294943	0.780789	-1.28076	0.0193563	0.525045	-1.9046	0.0296419	0.558069	-1.79189	0.180744	0.72342	-1.38232	0.352865	1.24332	1.24332
cg04968835	FAM72D	0.0735803	0.931328	0.988825	-1.0113	0.00949937	0.65154	-1.53483	0.299132	0.869087	-1.15063	0.822148	1.02979	1.02979	0.229766	1.17857	1.17857
cg22107476	CHST12	0.0735809	0.12284	0.649714	-1.53914	0.138548	0.662781	-1.50879	0.471526	0.827857	-1.20794	0.306572	0.761063	-1.31395	0.0111596	0.440236	-2.27151
cg08707540	RIPK4	0.0735817	0.0609387	0.225581	-4.43301	0.54394	0.648532	-1.54194	0.0883034	0.265578	-3.76537	0.0607519	0.225277	-4.43897	0.0902328	0.268132	-3.72951
cg04070215	TRPV4;TRPV4	0.0735844	0.840013	0.962218	-1.03927	0.464887	1.15226	1.15226	0.0382485	0.632815	-1.58024	0.201068	0.77315	-1.29341	0.163711	0.753375	-1.32736
cg03269368	KIAA0892;SF4	0.0735847	0.701127	0.943085	-1.06035	0.0455786	0.705843	-1.41675	0.887121	1.02182	1.02182	0.553366	0.912917	-1.09539	0.207924	0.81729	-1.22356
cg08611567	TULP2	0.0735851	0.287625	0.791109	-1.26405	0.687758	0.917827	-1.08953	0.330135	1.23774	1.23774	0.887612	1.03047	1.03047	0.00834867	2.04495	2.04495
cg00540363	SH3RF3	0.0735886	0.145966	0.606615	-1.64849	0.906273	0.962983	-1.03844	0.5444	0.821623	-1.2171	0.423198	1.29947	1.29947	0.00204943	0.248763	-4.0199
cg03994908	RNASEH1	0.0735897	0.79204	1.04308	1.04308	0.768301	0.953938	-1.04829	0.0276323	1.51543	1.51543	0.842883	1.03218	1.03218	0.232808	1.22106	1.22106
cg05235084	STK32B	0.0735905	0.69052	0.889984	-1.12362	0.088215	0.578176	-1.72958	0.0312198	0.478928	-2.088	0.37457	0.766878	-1.30399	0.00338805	0.313396	-3.19085
cg13810489	LAMC3	0.0735906	0.0687689	0.693283	-1.44241	0.643273	0.919548	-1.08749	0.0998991	0.723074	-1.38298	0.243305	0.80287	-1.24553	0.966126	0.992392	-1.00767
cg17048363	CDK8	0.0735925	0.0931434	1.5613	1.5613	0.130984	1.48189	1.48189	0.576719	1.1457	1.1457	0.131573	1.48086	1.48086	0.210937	1.37427	1.37427
cg20168230	GRIK3	0.0735927	0.398635	0.862557	-1.15934	0.46882	0.881525	-1.1344	0.266588	0.820334	-1.21902	0.70187	1.06802	1.06802	0.981963	0.99614	-1.00388
cg20212775	SPON2;SPON2	0.0735928	0.934719	0.970071	-1.03085	0.485806	0.768977	-1.30043	0.894299	1.05054	1.05054	0.430522	1.34777	1.34777	0.0820454	0.489364	-2.04347
cg11299964	MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1	0.0735931	0.203632	1.43749	1.43749	0.131576	0.643875	-1.5531	0.0204671	0.469856	-2.12831	0.857498	1.04981	1.04981	0.695888	1.11209	1.11209
cg14947547	LTBR	0.0735931	0.857445	0.957281	-1.04463	0.0140274	2.08857	2.08857	0.322094	0.786705	-1.28193	0.0293324	0.536198	-1.86498	0.0524074	0.585316	-1.70848

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20578893	0.414955	1.17389	1.17389	0.0143123	1.788	1.788	0.021574	1.70052	1.70052	0.873658	1.03109	1.03109	2.91401	1.70842	0.521136	1
cg14393411	0.746722	0.952827	-1.04951	0.0110889	0.621933	-1.60789	0.114157	1.29209	1.29209	0.190145	1.22987	1.22987	2.914	1.02624	0.313044	1
cg02571972	0.302264	0.617349	-1.61983	0.579604	0.776823	-1.28729	0.0339513	0.327156	-3.05664	0.157467	0.505481	-1.97832	2.91399	9.4007	2.86761	1
cg03469202	0.343356	1.0788	1.0788	0.00212848	0.715028	-1.39855	0.650559	1.03607	1.03607	0.295968	0.919239	-1.08786	2.91398	0.278656	0.0850019	1
cg02998278	0.093201	0.577108	-1.73278	0.308115	0.730498	-1.36893	0.232947	0.689136	-1.45109	0.766259	0.915081	-1.0928	2.91396	4.08955	1.2475	1
cg04409954	0.265279	0.322124	-3.1044	0.0145756	0.0530935	-18.8347	0.361698	0.400564	-2.49648	0.02833	0.0799889	-12.5017	2.91396	43.9417	13.4042	1
cg17196805	0.829773	0.951509	-1.05096	0.787014	0.939391	-1.06452	0.016093	1.97383	1.97383	0.42744	1.2057	1.2057	2.91392	2.45979	0.750357	1
cg09339156	0.519026	1.36347	1.36347	0.183798	1.9518	1.9518	0.564607	0.758684	-1.31807	0.418469	1.48008	1.48008	2.91389	10.3803	3.16652	1
cg15907464	0.0348924	0.100366	-9.9635	0.259428	0.332845	-3.0044	0.959441	0.95356	-1.0487	0.330993	2.5546	2.5546	2.91384	40.3488	12.3087	1
cg19407965	0.420184	0.901877	-1.1088	0.640285	1.0608	1.0608	0.734844	1.04355	1.04355	0.582939	1.07202	1.07202	2.91383	0.725713	0.221385	1
cg20185615	0.0210443	0.307265	-3.25452	0.556767	0.776686	-1.28752	0.942408	0.969745	-1.0312	0.501918	0.748427	-1.33613	2.91381	8.34366	2.54533	1
cg26522244	0.635972	1.05895	1.05895	0.00175549	0.58533	-1.70844	0.420753	0.905918	-1.10385	0.556646	1.07403	1.07403	2.9138	0.665933	0.203151	1
cg25923056	0.0960622	0.666558	-1.50024	0.00357414	0.416487	-2.40103	0.567893	0.879745	-1.13669	0.357375	1.23377	1.23377	2.9138	2.27307	0.693428	1
cg24951593	0.967725	0.98996	-1.01014	0.105997	0.643841	-1.55318	0.0535519	0.578815	-1.72767	0.205139	0.716489	-1.3957	2.91379	2.87015	0.875577	1
cg06697455	0.415749	0.670504	-1.49141	0.0072042	0.188861	-5.29489	0.107166	2.32819	2.32819	0.0829155	0.397443	-2.51608	2.91379	10.6569	3.25103	1
cg05355055	0.0560244	1.36972	1.36972	0.220495	1.20591	1.20591	0.677216	0.940966	-1.06274	0.790166	1.03953	1.03953	2.91374	0.974998	0.297441	1
cg26097674	0.00511629	0.437956	-2.28333	0.0774052	1.54989	1.54989	0.33966	1.24566	1.24566	0.810965	0.947921	-1.05494	2.91374	2.29915	0.701399	1
cg07434244	0.702919	0.937853	-1.06627	0.10751	1.34195	1.34195	0.822359	0.963047	-1.03837	0.010716	0.584495	-1.71088	2.91371	1.29383	0.39471	1
cg02029687	0.117903	0.58371	-1.71318	0.0467787	0.485896	-2.05805	0.732968	0.897105	-1.1147	0.0446062	0.481368	-2.07741	2.91366	4.63893	1.41523	1
cg12688670	0.764899	0.949026	-1.05371	0.0533878	0.681949	-1.46639	0.159202	0.769159	-1.30012	0.0192156	1.63911	1.63911	2.91362	1.4043	0.428424	1
cg20517614	0.255002	0.493546	-2.02615	0.130599	2.63803	2.63803	0.0884182	0.327283	-3.05546	0.364735	0.575002	-1.73913	2.91361	16.2911	4.9701	1
cg10582450	0.215101	1.32429	1.32429	0.0700774	1.54638	1.54638	0.572611	0.884513	-1.13057	0.725453	0.926916	-1.07885	2.91361	2.13796	0.652254	1
cg01281501	0.515885	0.678582	-1.47366	0.0293013	0.220641	-4.53224	0.545796	0.697792	-1.43309	0.391669	0.596569	-1.67625	2.91356	15.9863	4.87721	1
cg09060469	0.418347	1.12519	1.12519	0.00202214	1.86086	1.86086	0.429682	1.12185	1.12185	0.690671	1.05871	1.05871	2.91356	0.9387	0.286385	1
cg05415724	0.497876	1.18855	1.18855	0.00682315	0.414912	-2.41015	0.994903	1.0016	1.0016	0.745181	1.0853	1.0853	2.91354	2.90726	0.886974	1
cg26015019	0.10451	2.5518	2.5518	0.939194	0.960524	-1.0411	0.0410162	3.47255	3.47255	0.318227	1.72397	1.72397	2.91352	12.8607	3.92368	1
cg16505731	0.00741612	1.62488	1.62488	0.826022	0.969492	-1.03147	0.996627	0.999405	-1.0006	0.166629	1.23066	1.23066	2.91351	0.914023	0.278861	1
cg03128101	0.00961259	0.278077	-3.59613	0.153588	0.55071	-1.81584	0.638505	1.20292	1.20292	0.219487	1.65558	1.65558	2.9135	7.03421	2.14609	1
cg09505836	0.118937	0.737932	-1.35514	0.173084	1.29736	1.29736	0.25618	0.808288	-1.23718	0.124225	0.74162	-1.3484	2.91349	1.48793	0.453959	1
cg13552742	0.00554496	2.08671	2.08671	0.212447	1.30354	1.30354	0.784893	0.946272	-1.05678	0.197806	1.31622	1.31622	2.91347	1.88	0.573582	1
cg25889750	0.421627	1.33203	1.33203	0.239291	0.650253	-1.53786	0.426215	1.32812	1.32812	0.129115	1.77312	1.77312	2.91345	5.62838	1.71721	1
cg14415083	0.0135631	0.41579	-2.40506	0.287726	0.728259	-1.37314	0.123529	0.619252	-1.61485	0.0947653	0.590071	-1.69471	2.91345	3.80814	1.16186	1
cg05095290	0.904413	1.02384	1.02384	0.888598	0.972889	-1.02787	0.735433	0.935654	-1.06877	0.0965723	1.43012	1.43012	2.91345	1.77446	0.541387	1
cg23474268	0.490531	1.08355	1.08355	0.0030397	0.627979	-1.59241	0.841441	0.977312	-1.02321	0.334922	1.12068	1.12068	2.91339	0.605719	0.184808	1
cg07958878	0.196673	0.763142	-1.31037	0.0657852	1.50505	1.50505	0.948279	0.987236	-1.01293	0.369317	0.83312	-1.20031	2.91337	1.80932	0.552034	1
cg25655234	0.137076	3.85135	3.85135	0.0548305	0.157408	-6.35293	0.409566	2.02264	2.02264	0.217406	2.97013	2.97013	3.12685	33.5873	8.35458	1
cg21550372	0.753246	0.864813	-1.15632	0.0802356	0.409107	-2.44435	0.206924	0.54172	-1.84597	0.00616379	0.192922	-5.18345	2.91335	9.78696	2.98609	1
cg06171076	0.677908	0.897975	-1.11362	0.00190566	0.32202	-3.1054	0.859839	1.04659	1.04659	0.895995	1.03427	1.03427	2.91333	3.0632	0.934616	1
cg14324585	0.416476	0.848423	-1.17866	0.0385537	0.622284	-1.60698	0.0355715	0.616146	-1.62299	0.181614	0.755276	-1.32402	2.9133	1.80769	0.551553	1
cg01008894	0.791572	0.954514	-1.04765	0.505186	0.887947	-1.12619	0.925966	0.983797	-1.01647	0.0295077	0.637306	-1.56911	2.91329	1.42541	0.434914	1
cg19479086	0.58966	1.14607	1.14607	0.164919	0.690072	-1.44912	0.0160924	2.09074	2.09074	0.697755	0.906901	-1.10266	2.91323	2.893	0.882717	1
cg26100149	0.999117	1.00048	1.00048	0.00324756	0.177286	-5.6406	0.182065	1.84126	1.84126	0.585148	1.26818	1.26818	2.9132	8.57072	2.61514	1
cg26740494	0.104606	2.09188	2.09188	0.228163	1.69263	1.69263	0.142675	0.519141	-1.92626	0.0589632	2.42863	2.42863	2.91317	7.98716	2.4371	1
cg16694480	0.0714639	0.424325	-2.35669	0.167805	0.534693	-1.87023	0.052643	0.391323	-2.55543	0.879053	0.937209	-1.067	2.91315	8.36771	2.55324	1
cg01143607	0.206731	0.608291	-1.64395	0.27761	0.656072	-1.52422	0.792324	1.10352	1.10352	0.0488067	0.431734	-2.31624	2.91309	6.42926	1.9618	1
cg01571283	0.147849	0.608805	-1.64256	0.496293	1.24706	1.24706	0.481181	0.795444	-1.25716	0.923932	0.969936	-1.031	2.91299	4.7133	1.43825	1
cg25037384	0.579062	1.56627	1.56627	0.033243	7.33585	7.33585	0.0835017	4.63621	4.63621	0.186901	3.06539	3.06539	2.91293	29.5781	9.02583	1
cg19730691	0.0518313	0.223487	-4.47453	0.0496636	0.219508	-4.55564	0.0161163	7.34381	7.34381	0.870197	0.895167	-1.11711	2.91292	21.1555	6.45568	1
cg25208017	?	?	?	0.849102	0.904605	-1.10545	0.0056875	0.136032	-7.35124	0.379873	1.60946	1.60946	3.20758	10.7121	3.33961	1
cg25363808	0.145116	0.262862	-3.80428	0.00903726	0.0587935	-17.0087	0.260222	0.366844	-2.72596	0.117349	0.233989	-4.27371	2.91289	33.6403	10.2656	1
cg27591016	0.824486	1.05795	1.05795	0.0453374	1.79013	1.79013	0.772133	1.07642	1.07642	0.806495	0.939654	-1.06422	2.91288	2.96759	0.905586	1
cg05215310	0.247813	0.754799	-1.32486	0.381692	0.811486	-1.23231	0.0753722	0.630698	-1.58554	0.932948	0.980599	-1.01979	2.91285	2.50071	0.76312	1
cg10259889	0.0793975	0.262484	-3.80976	0.0421999	0.200362	-4.99097	0.0715706	0.251055	-3.98319	0.0514452	4.58657	4.58657	2.91283	21.7674	6.64263	1
cg23641108	0.51061	1.22095	1.22095	0.00351666	0.306036	-3.26759	0.586417	1.17861	1.17861	0.624666	0.862853	-1.15895	2.91282	4.12863	1.25991	1
cg21175585	0.00275015	0.393763	-2.5396	0.185171	1.37294	1.37294	0.693849	1.09334	1.09334	0.676628	0.909728	-1.09923	2.91281	2.34721	0.716286	1
cg14835956	0.341125	0.828719	-1.20668	0.00199086	2.30742	2.30742	0.581798	1.11242	1.11242	0.681646	0.924043	-1.0822	2.91281	1.69218	0.516396	1
cg10151248	0.0204196	1.49704	1.49704	0.321101	1.15954	1.15954	0.987712	0.997779	-1.00223	0.854292	1.0269	1.0269	2.9128	0.961917	0.293545	1
cg06357561	0.18374	0.331407	-3.01744	0.235117	0.377387	-2.6498	0.0924855	0.23458	-4.26294	0.174261	0.322452	-3.10124	2.91278	28.2905	8.63338	1
cg02367918	0.240426	0.531628	-1.88101	0.149816	0.452161	-2.2116	0.409688	0.648283	-1.54254	0.459948	0.679264	-1.47218	2.91277	12.1904	3.72014	1
cg24229701	0.081702	0.224857	-4.44727	0.44043	0.544146	-1.83774	0.400586	1.9455	1.9455	0.0309998	0.141041	-7.09012	2.91276	27.5991	8.42243	1
cg24694879	0.566592	0.8294	-1.20569	0.0547005	0.494751	-2.02122	0.925544	1.03064	1.03064	0.282094	0.697022	-1.43468	2.91276	4.81007	1.46789	1
cg12499311	0.0514249	0.402973	-2.48155	0.111717	0.491671	-2.03388	0.598826	1.24306	1.24306	0.0772525	0.447051	-2.23688	2.91275	7.74893	2.36475	1
cg07102229	0.00774708	0.238984	-4.18438	0.761445	0.880355	-1.13591	0.490772	1.34035	1.34035	0.949871	1.02666	1.02666	2.91274	8.08	2.46579	1
cg22967298	0.435074	1.08268	1.08268	0.0248533	0.76615	-1.30523	0.570224	0.944378	-1.0589	0.298296	1.11353	1.11353	2.91274	0.458966	0.140064	1
cg02512559	0.67704	1.24076	1.24076	0.116443	0.415376	-2.40746	0.13	2.32179	2.32179	0.41911	0.653648	-1.52988	2.91269	12.2362	3.73423	1
cg21863946	0.571454	0.787085	-1.27051	0.0337232	0.354097	-2.82409	0.0111866	0.264224	-3.78467	0.248428	0.603439	-1.65717	2.91269	8.0852	2.46743	1
cg10778556	0.389356	0.827595	-1.20832	0.138384	0.710184	-1.40809	0.136497	0.708839	-1.41076	0.470457	0.854274	-1.17058	2.91269	2.12282	0.647839	1
cg03521696	0.0747634	11.8801	11.8801	0.0193076	34.0661	34.0661	0.164302	6.36168	6.36168	0.0310681	23.4735	23.4735	2.91268	71.7227	21.8883	1
cg16311462	0.0457524	0.208737	-4.79073	0.0127904	0.120567	-8.29413	0.0579482	0.23078	-4.33314	0.10931	0.302875	-3.3017	2.91268	21.5877	6.58812	1
cg23295754	0.210916	0.432487	-2.31221	0.00796023	0.114935	-8.70053	0.0213344	0.172175	-5.80805	0.201869	0.424461	-2.35593	2.91268	18.6531	5.69254	1
cg03833566	0.0506933	0.69258	-1.44388	0.0113078	0.592534	-1.68767	0.10238	0.744605	-1.34299	0.234781	0.814272	-1.22809	2.91259	1.25556	0.383183	1
cg03459791	0.533437	1.24257	1.24257	0.0128854	0.345359	-2.89554	0.304717	0.693523	-1.44191	0.21796	0.640039	-1.5624	2.91258	5.46881	1.66902	1
cg08217388	0.129917	2.95669	2.95669	0.0579079	4.13984	4.13984	0.0189811	6.56823	6.56823	0.711904	1.27865	1.27865	2.91256	20.2559	6.18193	1
cg04530852	0.250736	1.23487	1.23487	0.0364701	0.652237	-1.53318	0.921682	0.982862	-1.01744	0.251554	0.810124	-1.23438	2.91256	1.42537	0.435012	1
cg01840803	0.521868	1.08983	1.08983	0.00702277	1.58702	1.58702	0.222845	1.185	1.185	0.0896329	0.780389	-1.28141	2.91254	0.809991	0.247204	1
cg16516295	0.0708655	0.359966	-2.77804	0.00772448	0.176849	-5.65455	0.0347783	0.287728	-3.4755	0.617859	0.775203	-1.28999	2.91253	11.8227	3.60824	1
cg18401934	0.0316564	0.540066	-1.85163	0.898893	0.969393	-1.03157	0.798081	0.939233	-1.0647	0.136148	0.675234	-1.48097	2.91247	2.75844	0.841878	1
cg26303165	0.129238	16.6369	16.6369	0.0206373	119.227	119.227	0.0302758	78.9326	78.9326	0.136546	15.6586	15.6586	2.91246	135.692	41.4134	1
cg00096065	0.0991208	0.513703	-1.94665	0.981639	0.991557	-1.00851	0.691185	1.15849	1.15849	0.129665	0.547056	-1.82797	2.91245	6.26166	1.91107	1
cg03136712	0.00253066	0.36063	-2.77293	0.143515	0.682169	-1.46591	0.702386	1.09792	1.09792	0.393199	0.808296	-1.23717	2.9124	2.73106	0.833542	1
cg24171628	0.0572768	0.619911	-1.61313	0.758327	0.933684	-1.07103	0.356464	1.23476	1.23476	0.138986	0.701814	-1.42488	2.91237	2.28019	0.695941	1
cg23710498	0.33489	0.816027	-1.22545	0.137328	0.720972	-1.38702	0.0149255	0.542289	-1.84403	0.0738987	0.66548	-1.50268	2.91236	1.92775	0.588372	1
cg23956071	0.234091	1.22156	1.22156	0.770225	0.954098	-1.04811	0.73573	1.05585	1.05585	0.189613	1.24971	1.24971	2.91236	1.18726	0.362366	1
cg09939205	0.0840688	0.553416	-1.80696	0.171027	0.636884	-1.57014	0.38767	0.760285	-1.3153	0.206791	0.662244	-1.51002	2.91235	4.41915	1.34878	1
cg13465852	0.630498	1.35313	1.35313	0.143754	2.66478	2.66478	0.00858639	8.09809	8.09809	0.0898067	3.21182	3.21182	2.91232	17.9581	5.48111	1
cg15574924	0.298095	0.524222	-1.90759	?	?	?	0.0318709	0.221808	-4.50839	0.873536	1.10007	1.10007	2.94964	14.888	5.04738	1
cg25400614	0.0258657	0.320499	-3.12014	0.217723	0.572508	-1.7467	0.620363	0.806732	-1.23957	0.666706	0.829975	-1.20486	2.91231	8.53286	2.60438	1
cg09607396	0.138611	0.601364	-1.66289	0.0287302	0.439149	-2.27713	0.0627764	0.51281	-1.95004	0.476012	0.793594	-1.26009	2.91224	4.69309	1.43245	1
cg06081199	0.424988	2.03107	2.03107	0.749218	1.32172	1.32172	0.00907038	17.8847	17.8847	0.0221727	10.8586	10.8586	2.91223	34.8858	10.6481	1
cg03573975	0.272839	1.25718	1.25718	0.00553713	2.07719	2.07719	0.0996788	0.696386	-1.43599	0.958466	1.0105	1.0105	2.91221	1.85492	0.566173	1
cg13911590	0.756441	0.926502	-1.07933	0.0700582	0.608377	-1.64372	0.0114886	2.1724	2.1724	0.155015	0.688375	-1.4527	2.91217	2.77687	0.84759	1
cg15278888	0.078615	0.448814	-2.22809	0.687847	1.18015	1.18015	0.0570036	0.41343	-2.41879	0.150264	0.531286	-1.88222	2.91216	7.75787	2.36796	1
cg17397424	0.198172	0.737022	-1.35681	0.089282	1.52257	1.52257	0.911986	0.975497	-1.02512	0.594795	1.12801	1.12801	2.91212	2.32181	0.708705	1
cg12860391	0.809425	0.971979	-1.02883	0.00284123	0.616743	-1.62142	0.344048	0.891676	-1.12148	0.210222	0.856143	-1.16803	2.9121	0.638187	0.1948	1
cg04346226	0.165487	0.707385	-1.41366	0.0440844	0.581948	-1.71837	0.0225134	0.527535	-1.89561	0.222161	0.740619	-1.35022	2.91207	2.52608	0.771068	1
cg13825334	0.486458	1.09877	1.09877	0.171365	1.21407	1.21407	0.253856	0.853239	-1.17201	0.0166981	0.677612	-1.47577	2.91204	0.818267	0.249773	1
cg17284070	0.43833	0.799749	-1.25039	0.0104364	0.401953	-2.48785	0.800904	0.931064	-1.07404	0.0348408	2.00419	2.00419	2.91202	3.68512	1.12488	1
cg15165676	0.166885	2.19133	2.19133	0.904151	1.06623	1.06623	0.317192	1.73401	1.73401	0.236709	1.93476	1.93476	2.91201	13.0699	3.98959	1
cg01399598	0.910115	0.953468	-1.0488	0.183139	1.81478	1.81478	0.0300027	2.93609	2.93609	0.17079	1.85038	1.85038	2.912	8.2105	2.50625	1
cg16514167	0.657802	0.889827	-1.12381	0.00396708	0.362631	-2.75763	0.403293	0.799358	-1.251	0.650427	0.887401	-1.12689	2.912	3.16212	0.96524	1
cg00035326	0.834131	0.964902	-1.03637	0.0187304	0.615446	-1.62484	0.662142	1.07779	1.07779	0.328585	1.18746	1.18746	2.912	1.33893	0.408709	1
cg27491025	0.259065	1.37072	1.37072	0.51969	1.19099	1.19099	0.0790933	1.68561	1.68561	0.067957	1.72891	1.72891	2.91198	3.30775	1.0097	1
cg22955676	0.068562	0.641311	-1.55931	0.978583	0.994168	-1.00587	0.0189227	0.538301	-1.8577	0.265577	1.28761	1.28761	2.91197	2.18963	0.668391	1
cg06436655	0.648595	0.812804	-1.23031	0.13029	0.477975	-2.09216	?	?	?	0.0212621	0.286287	-3.493	2.99567	7.53063	2.87296	1
cg16540704	0.520699	0.914574	-1.09341	0.011854	1.53866	1.53866	0.0169374	1.4911	1.4911	0.303058	1.15757	1.15757	2.91194	0.867655	0.264857	1
cg14001479	0.525305	1.22694	1.22694	0.114466	1.72546	1.72546	0.811052	0.926724	-1.07907	0.649527	0.864708	-1.15646	2.91192	4.65613	1.42132	1
cg16608652	0.128091	0.57471	-1.74001	0.0984638	0.543267	-1.84071	0.0324037	0.430263	-2.32416	0.558714	1.22032	1.22032	2.91192	5.22857	1.59607	1
cg12237140	0.501927	0.722782	-1.38354	0.210449	0.533309	-1.87509	0.0745173	2.57667	2.57667	0.503673	1.38166	1.38166	2.91191	10.4659	3.19483	1
cg08369368	0.700266	1.95868	1.95868	0.0076079	389.528	389.528	0.0532042	45.487	45.487	0.0195115	135.132	135.132	2.91187	139.299	42.5229	1
cg08961621	0.14802	0.434449	-2.30176	0.31175	0.569964	-1.7545	0.0136812	0.194355	-5.14522	0.183791	0.468823	-2.133	2.91186	13.3093	4.06287	1
cg17240004	0.0915319	0.293291	-3.40958	0.145359	0.356223	-2.80723	0.30784	0.498166	-2.00736	0.0617824	0.249405	-4.00955	2.91186	20.0973	6.13501	1
cg24530610	0.438137	0.907899	-1.10144	0.309173	1.13721	1.13721	0.770394	0.964877	-1.0364	0.63118	0.942619	-1.06087	2.91185	0.688344	0.210128	1
cg21804372	0.322431	0.878566	-1.13822	0.054666	1.31795	1.31795	0.294399	0.87132	-1.14768	0.00663184	0.639981	-1.56255	2.91178	0.739858	0.225859	1
cg20787173	0.00547159	0.729111	-1.37153	0.708992	0.968099	-1.03295	0.265704	1.1055	1.1055	0.424153	1.07314	1.07314	2.91178	0.344878	0.105282	1
cg12415687	0.094961	0.61398	-1.62872	0.0863347	1.65483	1.65483	0.513381	0.838448	-1.19268	0.28361	0.743683	-1.34466	2.91177	3.25897	0.994882	1
cg09111264	0.117854	0.553237	-1.80755	0.488255	1.27819	1.27819	0.679535	0.865195	-1.15581	0.43577	0.757927	-1.31939	2.91175	5.60359	1.71064	1
cg09225230	0.0280492	0.156401	-6.39382	0.666006	0.733077	-1.36411	0.0983408	0.273555	-3.65558	0.361411	0.511289	-1.95584	2.91172	23.5764	7.1974	1
cg27518993	0.137917	3.40405	3.40405	0.0210383	8.39923	8.39923	0.0607014	5.06035	5.06035	0.0208878	8.42847	8.42847	2.91172	27.114	8.27735	1
cg18397882	0.152115	1.41836	1.41836	0.0958716	0.659247	-1.51688	0.159727	0.710164	-1.40813	0.507202	0.857883	-1.16566	2.91166	2.39332	0.730647	1
cg04968835	0.843069	1.02618	1.02618	0.0122338	0.665667	-1.50225	0.210312	0.841877	-1.18782	0.476112	0.90985	-1.09908	2.9116	0.783949	0.239334	1
cg22107476	0.306254	0.760917	-1.3142	0.0058579	0.394386	-2.53559	0.130428	0.656176	-1.52398	0.117476	0.64496	-1.55048	2.91159	3.06808	0.936667	1
cg08707540	0.0249905	0.15254	-6.55564	0.0116095	0.108136	-9.24759	0.734125	0.786358	-1.27168	0.0618828	0.227106	-4.40323	2.91157	22.9194	6.99719	1
cg04070215	0.402619	0.849417	-1.17728	0.0623293	0.67047	-1.49149	0.0517925	0.65593	-1.52455	0.00811946	0.524271	-1.90741	2.91153	1.67412	0.511108	1
cg03269368	0.0363465	0.690917	-1.44735	0.00521158	0.571118	-1.75095	0.821757	1.03488	1.03488	0.559912	1.09371	1.09371	2.91153	1.06473	0.325063	1
cg08611567	0.150967	1.38631	1.38631	0.0322252	1.70288	1.70288	0.228864	0.764898	-1.30736	0.50989	1.15243	1.15243	2.91152	2.07709	0.634138	1
cg00540363	0.644331	1.16052	1.16052	0.641893	1.16181	1.16181	0.579072	1.19656	1.19656	0.53233	0.816645	-1.22452	2.91146	4.72879	1.44373	1
cg03994908	0.119684	1.30933	1.30933	0.0143165	0.617492	-1.61945	0.934292	1.01325	1.01325	0.209541	0.809679	-1.23506	2.91145	1.17495	0.358723	1
cg05235084	0.249862	0.704536	-1.41937	0.126628	0.618031	-1.61804	0.158711	0.644846	-1.55076	0.138898	0.628815	-1.59029	2.91143	3.91086	1.19402	1
cg13810489	0.43059	0.865299	-1.15567	0.00997834	1.7952	1.7952	0.359821	0.844245	-1.18449	0.125983	0.742491	-1.34682	2.91143	1.49129	0.455307	1
cg17048363	0.014556	2.06654	2.06654	0.375008	0.802826	-1.2456	0.972282	0.991655	-1.00842	0.0670794	0.609546	-1.64056	2.9114	2.68253	0.819013	1
cg20168230	0.110886	0.742908	-1.34606	0.00175386	0.466294	-2.14457	0.582499	0.909379	-1.09965	0.595652	1.09596	1.09596	2.9114	1.3498	0.412112	1
cg20212775	0.693101	1.1585	1.1585	0.033655	0.398405	-2.51001	0.0172902	2.93153	2.93153	0.136737	1.81232	1.81232	2.9114	6.34386	1.93687	1
cg11299964	0.655622	0.88568	-1.12908	0.0174911	2.18637	2.18637	0.34465	1.29981	1.29981	0.77018	1.16888	1.16888	2.91139	3.37285	1.02978	1
cg14947547	0.619461	1.12925	1.12925	0.362865	1.78637	1.78637	0.354465	0.970042	-1.03088	0.862301	0.958723	-1.04305	2.91139	2.71846	0.82998	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07313720	CRYGA	0.0735974	0.0346745	0.234486	-4.26465	0.0629572	0.291687	-3.42833	0.601746	0.73335	-1.3636	0.576082	1.39472	1.39472	0.00744599	0.131354	-7.61304
cg05038152	LIPJ	0.0735999	0.130917	0.49799	-2.00807	0.471872	0.731391	-1.36726	0.253536	0.600672	-1.6648	0.666182	0.830673	-1.20384	0.012379	0.264238	-3.78447
cg18113453	DAXX;DAXX;DAXX;DAXX	0.0736	0.00776447	0.381942	-2.6182	0.67668	0.888636	-1.12532	0.954301	0.983995	-1.01627	0.818201	1.06697	1.06697	0.0990248	0.600991	-1.66392
cg16039972	MIR769	0.0736004	0.117335	1.40043	1.40043	0.826656	0.957506	-1.04438	0.0304793	1.65444	1.65444	0.392956	0.840917	-1.18918	0.430994	0.852881	-1.1725
cg02806322	CMTM7;CMTM7	0.0736007	0.0818548	0.221207	-4.52066	0.00366943	0.0462555	-21.6191	0.0224891	0.117809	-8.48835	0.939499	1.06119	1.06119	0.210546	0.356187	-2.80751
cg18766080	STAT1;STAT1	0.0736012	0.0241701	1.84698	1.84698	0.183061	1.38052	1.38052	0.151067	0.703847	-1.42076	0.476156	1.17983	1.17983	0.618654	0.891779	-1.12135
cg20566643	MMP15;MMP15	0.0736021	0.121921	0.831077	-1.20326	0.280825	1.13169	1.13169	0.41423	0.912002	-1.09649	0.879075	1.01694	1.01694	0.0247936	1.34299	1.34299
cg26837043	KANK3	0.0736021	0.0466934	0.32264	-3.09943	0.186727	2.00403	2.00403	0.390984	0.646256	-1.54738	0.933654	0.959489	-1.04222	0.0417338	0.311656	-3.20867
cg16006841	RGS14	0.0736024	0.931807	1.05348	1.05348	0.208163	2.243	2.243	0.948681	1.03996	1.03996	0.00920396	7.4843	7.4843	0.113925	2.84885	2.84885
cg13845105	RPL6;RPL6	0.0736031	0.0123682	0.0733024	-13.6421	0.0833118	0.200151	-4.99623	0.594018	0.636706	-1.57058	0.908412	1.10138	1.10138	0.0164069	0.0853384	-11.7181
cg04453552	CCL22	0.0736032	0.0391366	0.570087	-1.75412	0.136086	1.4595	1.4595	0.967682	1.00958	1.00958	0.338595	0.79278	-1.26138	0.00998774	0.464975	-2.15065
cg17474222	KIAA1543;KIAA1543	0.0736047	0.250201	0.528448	-1.89233	0.164321	2.19814	2.19814	0.259054	0.535256	-1.86827	0.337751	0.591815	-1.68972	0.0511455	0.307617	-3.2508
cg03263226	TMED4	0.0736061	0.0590875	0.22733	-4.39889	0.0333711	0.177619	-5.63003	0.107198	0.294597	-3.39447	0.294012	2.13081	2.13081	0.197588	0.388055	-2.57695
cg23815462	ZNF17	0.073608	0.201096	0.892076	-1.12098	0.409275	0.931105	-1.07399	0.0155656	1.28521	1.28521	0.207678	1.11893	1.11893	0.168731	1.13206	1.13206
cg11417360	RUFY4	0.0736093	0.320904	1.49083	1.49083	0.0305981	0.371875	-2.68907	0.271237	0.640189	-1.56204	0.0523274	0.423467	-2.36146	0.0345459	0.382991	-2.61103
cg08818829	DNAH5	0.073612	0.446574	1.43663	1.43663	0.193367	1.90171	1.90171	0.848192	0.914392	-1.09362	0.348043	1.57018	1.57018	0.00676843	0.194142	-5.15086
cg05846476	ELOVL4	0.0736125	0.045746	0.28881	-3.46249	0.381601	0.614691	-1.62683	0.525322	1.4177	1.4177	0.532708	0.709871	-1.40871	0.0519328	0.301412	-3.31772
cg26112996	TMCO3	0.0736131	0.675401	0.774751	-1.29074	0.082688	3.20474	3.20474	0.515038	1.4919	1.4919	0.936182	1.04973	1.04973	0.00328615	0.0882654	-11.3295
cg17060195	MYNN	0.0736143	0.193072	0.857846	-1.16571	0.697804	1.04439	1.04439	0.0858333	1.23532	1.23532	0.0551801	0.785062	-1.27379	0.723978	0.961298	-1.04026
cg23699700	SMAD7	0.0736144	0.964138	1.00737	1.00737	0.952318	0.99028	-1.00982	0.698088	1.06574	1.06574	0.511679	0.896982	-1.11485	0.303049	1.19036	1.19036
cg11166823	AGPAT3	0.0736152	0.084469	0.711912	-1.40467	0.0223936	1.62768	1.62768	0.0495402	1.49029	1.49029	0.592988	0.908406	-1.10083	0.925556	1.01678	1.01678
cg21292473	CACNA1E	0.0736158	0.0595376	0.62851	-1.59106	0.140273	0.707174	-1.41408	0.606395	0.892709	-1.12019	0.533418	1.14769	1.14769	0.00220821	0.391864	-2.5519
cg18247552	LOC222699	0.0736162	0.364994	0.814031	-1.22846	0.0544324	1.61996	1.61996	0.524815	1.1531	1.1531	0.288684	0.783902	-1.27567	0.890298	0.969955	-1.03098
cg22102082	DLGAP2	0.073618	0.757161	0.917767	-1.0896	0.0374814	0.512787	-1.95013	0.976996	1.00801	1.00801	0.871233	0.956111	-1.0459	0.00548002	2.74685	2.74685
cg11414044	AATF	0.0736237	0.0264048	0.059318	-16.8583	0.408706	0.403853	-2.47615	0.240969	0.267896	-3.73279	0.456486	0.443192	-2.25636	0.0207673	0.0504468	-19.8229
cg23024810	MDM4;MDM4	0.0736248	0.334583	1.44877	1.44877	0.018148	0.343451	-2.91162	0.982488	0.991857	-1.00821	0.429706	1.35025	1.35025	0.111156	0.52389	-1.9088
cg13403695	SNORD115-14	0.0736281	0.0252076	0.144524	-6.91927	0.00820753	0.0856313	-11.678	0.066951	0.224831	-4.44778	0.270866	0.434706	-2.30041	0.0406394	0.179457	-5.57237
cg07295904	MUC5B	0.0736359	0.096562	0.489559	-2.04265	0.28789	0.649226	-1.5403	0.370481	0.697648	-1.43339	0.708856	1.15817	1.15817	0.00527679	0.236953	-4.22025
cg25597797	GIPC3	0.0736395	0.0315267	0.241329	-4.14372	0.0464796	0.276512	-3.61648	0.515435	0.68951	-1.4503	0.586067	0.733473	-1.36338	0.0196589	0.204193	-4.89732
cg10390473	1-Mar	0.0736399	0.660948	1.09543	1.09543	0.113731	0.70091	-1.42672	0.0665789	0.653896	-1.5293	0.516775	1.14539	1.14539	0.76785	1.06304	1.06304
cg09028651	SLC25A34	0.0736437	0.883556	1.03159	1.03159	0.0616081	0.639667	-1.56331	0.386293	1.20741	1.20741	0.595283	1.1205	1.1205	0.0062124	0.469019	-2.13211
cg04914305	MRPL34	0.0736462	0.830177	0.968146	-1.0329	0.0849977	1.3325	1.3325	0.0362342	1.44344	1.44344	0.350613	1.15581	1.15581	0.123014	1.28639	1.28639
cg19843991	DDX24;IFI27L1;IFI27L1	0.0736469	0.328185	1.31501	1.31501	0.627946	1.14169	1.14169	0.286381	1.35039	1.35039	0.258354	1.37713	1.37713	0.456527	1.22845	1.22845
cg09560096	BCS1L;BCS1L	0.0736469	0.105298	0.31941	-3.13077	0.130347	0.348668	-2.86806	0.0730829	0.275509	-3.62964	0.0529212	0.242043	-4.13149	0.0053424	0.0938143	-10.6594
cg12076147	SH3BP4	0.0736482	0.104338	0.320498	-3.12014	0.0133432	0.140232	-7.13104	0.0184943	0.160268	-6.23953	0.436918	0.601548	-1.66238	0.253443	0.465629	-2.14763
cg13274254	GULP1;GULP1	0.0736484	0.0375324	0.523569	-1.90997	0.578603	1.16235	1.16235	0.00737575	2.52394	2.52394	0.312451	1.32336	1.32336	0.618419	0.874025	-1.14413
cg22540129	C7orf49;C7orf49;C7orf49	0.0736488	0.688378	1.02844	1.02844	0.0799027	0.873585	-1.14471	0.362073	0.936923	-1.06732	0.958719	1.00361	1.00361	0.525368	0.956228	-1.04578
cg07502333	TNXB	0.0736507	0.81347	0.937728	-1.06641	0.0210495	0.47008	-2.1273	0.0455476	0.535949	-1.86585	0.733835	0.911341	-1.09728	0.669735	0.889847	-1.12379
cg09035127	MUC2	0.0736537	0.0872906	0.483629	-2.0677	0.601233	0.816353	-1.22496	0.023035	0.351347	-2.84619	0.0255634	0.3603	-2.77547	0.0816085	0.475843	-2.10153
cg16774511	MIR548H4	0.0736539	0.00849367	0.550996	-1.81489	0.0227431	0.616485	-1.6221	0.910122	0.980164	-1.02024	0.15602	0.763934	-1.30901	0.0357001	0.648109	-1.54295
cg10929349	C17orf48;SCO1	0.0736544	0.0991062	0.563198	-1.77557	0.362911	0.743092	-1.34573	0.997028	1.00118	1.00118	0.0154144	0.389069	-2.57024	0.018447	0.403448	-2.47863
cg01564705	SEMA5A	0.0736549	0.00655966	1.89656	1.89656	0.878579	0.97267	-1.0281	0.383363	1.17589	1.17589	0.729135	1.06504	1.06504	0.0326184	0.63555	-1.57344
cg06022113	CAMK2G;CAMK2G;CAMK2G;CAMK2G;CAMK2G	0.0736554	0.0199757	2.44946	2.44946	0.0827742	1.84578	1.84578	0.937097	0.975134	-1.0255	0.628757	0.856052	-1.16815	0.0212468	0.413358	-2.41921
cg15243474	B3GAT1;B3GAT1	0.0736554	0.382117	1.13285	1.13285	0.00279563	1.7742	1.7742	0.375725	0.88117	-1.13486	0.478724	1.10541	1.10541	0.634073	0.935447	-1.06901
cg18899818	CGA	0.0736555	0.0536231	0.546786	-1.82887	0.0731123	0.576623	-1.73423	0.0159629	0.443645	-2.25405	0.00645157	0.376925	-2.65305	0.509926	0.831834	-1.20216
cg02780328	UBA5;ACAD11;UBA5	0.0736555	0.624419	1.10505	1.10505	0.563205	0.888417	-1.1256	0.0194347	1.77177	1.77177	0.682369	1.08686	1.08686	0.394128	0.838035	-1.19327
cg10509187	ARSG;SLC16A6	0.0736559	0.0667549	0.49701	-2.01203	0.33785	0.71457	-1.39944	0.0963329	0.53737	-1.86092	0.0366275	0.437793	-2.28419	0.0225526	0.394893	-2.53233
cg13422744	ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13	0.0736571	0.0261775	2.05577	2.05577	0.0521187	0.546877	-1.82857	0.0513982	0.545587	-1.83289	0.262687	0.726864	-1.37577	0.127258	0.637295	-1.56913
cg18075073	RIC8A	0.0736573	0.185473	0.632873	-1.58009	0.380383	0.745891	-1.34068	0.537399	0.815888	-1.22566	0.405234	0.757703	-1.31978	0.0303081	0.436185	-2.29261
cg14195115	SHB	0.0736618	0.346237	0.620966	-1.61039	0.909252	0.94553	-1.05761	0.857192	1.09251	1.09251	0.461869	1.44474	1.44474	0.556207	0.746489	-1.33961
cg14529610	C20orf20	0.0736621	0.387272	0.926433	-1.07941	0.0195862	0.784109	-1.27533	0.0543806	0.828429	-1.2071	0.701639	0.967353	-1.03375	0.0131094	0.766985	-1.30381
cg24514391	UBXN10	0.0736644	0.0254858	0.33307	-3.00237	0.0291439	0.344851	-2.89981	0.0113458	0.269079	-3.71639	0.327975	0.658267	-1.51914	0.384855	0.691455	-1.44623
cg25210936	TMEM109	0.0736649	0.0170884	0.210342	-4.75417	0.780968	0.861151	-1.16124	0.350336	1.67452	1.67452	0.180609	0.466538	-2.14345	0.0867456	0.362571	-2.75808
cg23635663	LIF	0.0736651	0.46219	0.822349	-1.21603	0.0451493	1.82328	1.82328	0.845689	1.05224	1.05224	0.658197	0.890163	-1.12339	0.00602523	0.39154	-2.55402
cg00510552	NMRAL1	0.0736665	0.31369	1.6397	1.6397	0.95698	1.02593	1.02593	0.52183	1.36084	1.36084	0.925562	0.95662	-1.04535	0.00737943	0.194284	-5.1471
cg06730438	TLE3;TLE3;TLE3	0.0736686	0.107504	0.444691	-2.24875	0.982836	0.990125	-1.00997	0.926866	1.04326	1.04326	0.46957	1.40414	1.40414	0.00218561	0.137713	-7.26148
cg05097696	FAM86C;FAM86C;FAM86C	0.073669	0.070788	0.605951	-1.6503	0.213895	1.38366	1.38366	0.0667231	1.66545	1.66545	0.706759	1.09832	1.09832	0.523498	0.851776	-1.17402
cg13860447	CACNB4;CACNB4;CACNB4;CACNB4	0.0736709	0.0297981	0.426274	-2.34591	0.128051	0.577747	-1.73086	0.441979	0.769948	-1.29879	0.381998	1.34848	1.34848	0.0284022	0.422034	-2.36947
cg02636814	KIAA0754;MACF1;MACF1;KIAA0754	0.0736741	0.160907	0.730178	-1.36953	0.00902322	2.00782	2.00782	0.275842	1.26876	1.26876	0.541993	0.878427	-1.1384	0.167676	1.3618	1.3618
cg15511625	ATP2B2;ATP2B2	0.0736759	0.845972	1.03781	1.03781	0.0140375	1.78375	1.78375	0.0173889	1.73783	1.73783	0.487241	1.14418	1.14418	0.176938	0.760423	-1.31506
cg24368101	RPS26	0.0736795	0.692532	1.04724	1.04724	0.0884155	0.803876	-1.24397	0.337949	0.891617	-1.12156	0.879739	1.01774	1.01774	0.330296	1.12374	1.12374
cg10688941	SNRNP200;SNRNP200	0.0736799	0.738238	0.935089	-1.06942	0.570436	1.12159	1.12159	0.841962	1.04076	1.04076	0.756953	1.06409	1.06409	0.0545641	0.646366	-1.54711
cg21926039	BPGM;BPGM	0.07368	0.0386926	0.364268	-2.74523	0.392	0.690811	-1.44757	0.785785	1.12177	1.12177	0.00512026	0.210155	-4.7584	0.663769	0.831532	-1.2026
cg06863239	RAB11FIP5	0.0736827	0.237805	0.617137	-1.62039	0.853403	0.930347	-1.07487	0.0330903	0.378125	-2.64462	0.68361	0.852203	-1.17343	0.00417891	0.22358	-4.47266
cg24838202	PSMC2	0.0736829	0.191342	1.24289	1.24289	0.0666807	1.38561	1.38561	0.237685	1.21421	1.21421	0.248335	0.827536	-1.20841	0.0295353	0.663826	-1.50642
cg00096603	PDLIM5;PDLIM5;PDLIM5	0.0736837	0.159841	0.473525	-2.11182	0.0791489	0.379013	-2.63843	0.0401999	0.307305	-3.25409	0.181973	0.494038	-2.02413	0.00992313	0.197654	-5.05935
cg25405821	ANKRD10	0.0736854	0.652869	1.11686	1.11686	0.0275185	0.529245	-1.88948	0.0631003	0.600326	-1.66576	0.0378323	1.80013	1.80013	0.238397	0.739756	-1.3518
cg07929727	RPL3;SNORD83B;RPL3	0.0736864	0.0704212	0.334011	-2.99391	0.25886	0.527912	-1.89426	0.924283	0.949756	-1.0529	0.433624	0.648372	-1.54232	0.0165786	0.204551	-4.88875
cg08287220	CYP3A7	0.0736874	0.0481775	0.261376	-3.8259	0.262447	0.499427	-2.00229	0.00850126	0.135909	-7.35785	0.130677	0.379135	-2.63759	0.0440583	0.252897	-3.95417
cg00543869	SLC7A4	0.0736877	0.0293829	0.4827	-2.07168	0.813294	1.06947	1.06947	0.83691	0.943167	-1.06026	0.0771913	1.74677	1.74677	0.445676	1.24693	1.24693
cg09148486	RAP1A;RAP1A	0.0736889	0.160222	0.817343	-1.22348	0.0681958	0.759927	-1.31592	0.133111	0.804263	-1.24338	0.0988041	1.27547	1.27547	0.0916601	0.779058	-1.2836
cg02727232	ZNF845	0.0736895	0.748716	0.910445	-1.09836	0.140145	1.58938	1.58938	0.200497	0.673858	-1.48399	0.0621739	0.541752	-1.84586	0.00487435	0.336397	-2.97268
cg07468655	KRT3	0.0736901	0.0173244	0.202859	-4.92953	0.108754	0.381827	-2.61899	0.0274888	0.238089	-4.20011	0.964691	0.97593	-1.02466	0.0111452	0.17358	-5.76104
cg03531211	HLA-DMA	0.0736901	0.0295693	0.350692	-2.8515	0.824062	1.09283	1.09283	0.124145	0.510759	-1.95787	0.11684	0.502668	-1.98939	0.00694351	0.234202	-4.26981
cg23502966	TFRC;TFRC	0.0736901	0.671221	0.879114	-1.13751	0.0310689	0.465926	-2.14626	0.0191632	0.425157	-2.35207	0.133836	0.613915	-1.62889	0.0509569	0.511251	-1.95599
cg23893802	ZNF425;ZNF398	0.0736934	0.639117	1.43893	1.43893	?	?	?	0.111204	0.262666	-3.80711	0.340406	2.13184	2.13184	?	?	?
cg08107909	PFN2;PFN2	0.0736937	0.130546	0.554998	-1.80181	0.8983	0.954938	-1.04719	0.221687	1.58911	1.58911	0.912958	1.04022	1.04022	0.0625354	0.46962	-2.12938
cg00964109	UBL7;UBL7	0.0736966	0.108623	0.769513	-1.29952	0.0346823	1.44577	1.44577	0.0483251	1.40183	1.40183	0.464296	0.894486	-1.11796	0.424401	1.12991	1.12991
cg06262436	ISM1	0.0736966	0.0416825	1.60296	1.60296	0.14647	1.36783	1.36783	0.11645	1.40888	1.40888	0.763477	0.941155	-1.06252	0.151608	0.734379	-1.3617
cg21080562	SBNO2;SBNO2	0.0736967	0.254718	2.33488	2.33488	0.0928777	3.7372	3.7372	0.0565525	4.66067	4.66067	0.282714	2.21648	2.21648	0.236022	2.42401	2.42401
cg22090245	PCDH19;PCDH19	0.073699	0.147638	3.03857	3.03857	0.0524214	4.84498	4.84498	0.256437	2.33362	2.33362	0.246158	2.38135	2.38135	0.31382	2.10693	2.10693
cg26018431	CCDC114	0.073699	0.00755123	0.612069	-1.6338	0.987003	1.00233	1.00233	0.0244746	0.681946	-1.46639	0.208635	0.827527	-1.20842	0.523561	0.911804	-1.09673
cg19991899	ASAP2;ASAP2	0.0736998	0.0226237	0.484656	-2.06332	0.815929	1.06383	1.06383	0.0774058	1.68357	1.68357	0.522737	0.842075	-1.18754	0.0732666	0.588591	-1.69897
cg26878655	RARA;RARA;RARA	0.0737015	0.0265201	0.365433	-2.73648	0.352768	0.693498	-1.44197	0.887817	1.05552	1.05552	0.97316	0.987204	-1.01296	0.00646984	0.25791	-3.87732
cg24389347	C3orf22;C3orf22	0.0737026	0.102784	0.390454	-2.56112	0.0162008	0.21235	-4.70921	0.10767	0.396545	-2.52178	0.268563	0.544917	-1.83514	0.0192245	0.224864	-4.44714
cg14331245	MED24;MED24	0.0737043	0.95923	0.97808	-1.02241	0.956529	0.976644	-1.02391	0.0538142	0.379704	-2.63363	0.515741	1.33152	1.33152	0.441736	0.710987	-1.40649
cg19047804	TRIM39;TRIM39	0.0737049	0.655439	1.16336	1.16336	0.150468	0.594976	-1.68074	0.634511	0.851	-1.17509	0.370239	1.36342	1.36342	0.157225	1.66464	1.66464
cg05409111	PTPN2;PTPN2;PTPN2	0.0737069	0.00604693	2.16926	2.16926	0.376204	1.21668	1.21668	0.0987477	1.4784	1.4784	0.0955621	0.673394	-1.48501	0.0958397	1.48443	1.48443
cg03660538	KALRN;KALRN	0.0737086	0.361237	0.787072	-1.27053	0.478838	0.832209	-1.20162	0.497903	0.838998	-1.1919	0.0316786	0.525931	-1.90139	0.521996	0.847422	-1.18005
cg22620797	C3orf64	0.0737098	0.0584843	0.317005	-3.15453	0.09003	2.72956	2.72956	0.66762	0.792816	-1.26133	0.485061	0.682985	-1.46416	0.0895619	0.365715	-2.73437
cg24735226	CACHD1	0.0737104	0.180093	0.490975	-2.03676	0.315178	0.595121	-1.68033	0.141851	0.454193	-2.20171	0.979962	0.987528	-1.01263	0.00213545	0.115794	-8.63601
cg11486935	RPH3AL	0.0737119	0.0411616	0.458948	-2.1789	0.0124286	2.79678	2.79678	0.97639	0.990264	-1.00983	0.787852	1.09326	1.09326	0.0652812	1.98198	1.98198
cg14340114	POT1;POT1;POT1;POT1;POT1	0.0737139	0.345367	1.27855	1.27855	0.861937	0.956942	-1.045	0.0307266	1.89966	1.89966	0.603692	1.14158	1.14158	0.106101	0.640027	-1.56243
cg05579731	FADS3	0.0737148	0.117479	0.439723	-2.27416	0.172442	0.495722	-2.01726	0.0740256	0.382085	-2.61722	0.0480345	0.335515	-2.98049	0.0154212	0.237778	-4.2056
cg11246563	HLA-H	0.0737152	0.0603354	7.52502	7.52502	0.633862	0.633079	-1.57958	0.0661972	7.12263	7.12263	0.142457	4.49123	4.49123	0.050876	8.32417	8.32417
cg05877740	KIAA0101;KIAA0101;KIAA0101;KIAA0101	0.0737157	0.00465276	0.118557	-8.43475	0.0778659	0.329537	-3.03456	0.0217522	0.210044	-4.7609	0.108056	0.370342	-2.70021	0.172488	0.439284	-2.27643
cg21474351	CCBP2	0.0737171	0.273928	1.26434	1.26434	0.00535639	0.469708	-2.12898	0.382856	1.20246	1.20246	0.247139	0.779336	-1.28314	0.0721017	1.51222	1.51222
cg09090857	TRNT1	0.0737188	0.00740266	0.279306	-3.5803	0.878963	1.05795	1.05795	0.700938	1.15333	1.15333	0.410434	0.732595	-1.36501	?	?	?
cg03189210	B3GALT4	0.0737205	0.473923	1.70013	1.70013	0.00558549	14.1811	14.1811	0.0604372	4.67785	4.67785	0.0921642	3.86047	3.86047	0.156619	3.01644	3.01644
cg26124115	PSEN1;PSEN1	0.0737241	0.916424	0.961064	-1.04051	0.883224	1.05718	1.05718	0.281132	0.654544	-1.52778	0.609117	0.822736	-1.21546	0.639073	1.19568	1.19568
cg14044120	ENTPD2;ENTPD2	0.0737252	0.0925992	0.49804	-2.00787	0.0187058	0.341878	-2.92502	0.088871	0.49322	-2.02749	0.475637	0.760934	-1.31417	0.125951	0.535992	-1.8657
cg15002214	NOG	0.0737255	0.726793	0.887744	-1.12645	0.0261533	2.44902	2.44902	0.20589	1.57297	1.57297	0.678923	0.868232	-1.15177	0.302001	1.43761	1.43761
cg19208079	GLI3	0.0737278	0.534088	0.897216	-1.11456	0.0342358	1.53034	1.53034	0.094376	1.3726	1.3726	0.0997076	0.732903	-1.36444	0.98522	0.996815	-1.0032
cg21250721	GRIN1;GRIN1;GRIN1	0.0737279	0.0865712	14.4075	14.4075	0.0229876	46.1793	46.1793	0.0347164	32.1107	32.1107	0.0612714	19.526	19.526	0.356376	3.80698	3.80698
cg06685111	HCG18;TRIM39;TRIM39;HCG18;TRIM39	0.0737283	0.558988	0.783954	-1.27559	0.2553	0.613121	-1.631	0.162154	1.84924	1.84924	0.539506	0.774242	-1.29159	0.006549	0.233426	-4.28402
cg13424940	VAV2;VAV2	0.0737302	0.950629	0.980326	-1.02007	0.0236877	0.420362	-2.3789	0.108477	0.570157	-1.7539	0.978847	1.00854	1.00854	0.122844	0.584819	-1.70993
cg07148896	SRM	0.0737303	0.707393	0.908889	-1.10024	0.055263	0.576657	-1.73413	0.0937962	1.59496	1.59496	0.572097	1.15562	1.15562	0.571216	0.865042	-1.15601
cg13819787	SP9	0.0737313	0.682422	0.934682	-1.06988	0.0746803	1.38543	1.38543	0.415696	0.872323	-1.14636	0.267339	1.20893	1.20893	0.075906	1.38312	1.38312
cg14495033	EHMT1	0.0737314	0.869538	1.04458	1.04458	0.013068	0.441779	-2.26358	0.311253	0.757301	-1.32048	0.0852157	1.65692	1.65692	0.515813	0.839591	-1.19106
cg14200725	KCNH3	0.0737319	0.0982715	0.424941	-2.35327	0.411457	1.4864	1.4864	0.2326	0.553906	-1.80536	0.196514	0.524929	-1.90502	0.0578745	0.363504	-2.751
cg18634479	PTPN6;PTPN6;PTPN6	0.0737328	0.0696414	0.418358	-2.3903	0.0530347	0.389001	-2.57069	0.00642274	0.21816	-4.58379	0.0360576	0.350949	-2.84941	0.110204	0.47348	-2.11202
cg19050514	HLA-G;HLA-G	0.0737338	0.788618	1.03932	1.03932	0.0802398	0.756906	-1.32117	0.31739	0.862145	-1.1599	0.290341	1.17057	1.17057	0.484365	1.10737	1.10737
cg06874334	PWP1	0.0737353	0.981599	1.00753	1.00753	0.396257	0.753865	-1.3265	0.0282864	0.430759	-2.32148	0.438223	0.773239	-1.29326	0.0404336	0.4631	-2.15936
cg06529134	STX16;STX16;STX16;STX16	0.0737359	0.767231	1.04233	1.04233	0.888977	1.0197	1.0197	0.805832	1.035	1.035	0.687829	0.945141	-1.05804	0.268421	0.851278	-1.1747
cg16201681	BCAP31;BCAP31;BCAP31;BCAP31	0.073736	0.0392159	0.325819	-3.06919	0.0123392	0.231218	-4.32493	0.0332802	0.310549	-3.2201	0.259741	0.575472	-1.7377	0.0589179	0.366931	-2.72531
cg22810434	MMP19	0.0737376	0.020067	0.257683	-3.88074	0.334913	0.618351	-1.6172	0.0300263	0.291205	-3.43401	0.794897	0.881676	-1.1342	0.0199808	0.257344	-3.88585
cg02102684	VASN;CORO7	0.0737379	0.115036	0.48049	-2.08121	0.462174	0.726046	-1.37732	0.255905	0.602136	-1.66076	0.40102	0.692348	-1.44436	0.0108346	0.254443	-3.93015
cg26468152	VPS4A	0.0737386	0.945147	0.978187	-1.0223	0.00555377	3.21465	3.21465	0.0931506	1.80763	1.80763	0.168474	1.60057	1.60057	0.118072	0.580459	-1.72277
cg10929442	ST8SIA4;ST8SIA4	0.0737395	0.0246236	0.6537	-1.52975	0.00938211	0.592629	-1.6874	0.104606	0.754457	-1.32546	0.256358	0.828464	-1.20705	0.445	0.883671	-1.13164
cg27089789	AP3D1;AP3D1	0.0737404	0.96585	1.01749	1.01749	0.082117	2.18143	2.18143	0.235559	1.65431	1.65431	0.53993	1.28566	1.28566	0.00493615	0.221406	-4.51659
cg05817758	RASSF10	0.0737426	0.378679	2.12139	2.12139	0.844491	1.17766	1.17766	0.591845	1.56938	1.56938	0.457891	1.87658	1.87658	0.0999943	0.222946	-4.48539
cg04401876	APOC4	0.0737429	0.103268	0.480363	-2.08176	0.0576819	0.413504	-2.41836	0.0254109	0.335185	-2.98343	0.666581	0.836654	-1.19524	0.00481336	0.214581	-4.66025
cg24496978	CBS	0.073747	0.0194632	0.653565	-1.53007	0.755129	0.953983	-1.04824	0.13575	1.2739	1.2739	0.153453	0.794414	-1.25879	0.947972	1.00987	1.00987
cg10694030	HOXC9	0.0737471	0.641068	0.606735	-1.64817	0.899349	0.87401	-1.14415	?	?	?	0.857422	1.21092	1.21092	0.988564	0.984863	-1.01537
cg11522018	TUBB2B	0.0737485	0.175632	1.29912	1.29912	0.66505	0.923897	-1.08237	0.349878	1.19108	1.19108	0.158926	1.31468	1.31468	0.0804105	1.42248	1.42248
cg04536893	CDH11	0.0737491	0.324346	1.20495	1.20495	0.294671	1.22028	1.22028	0.0144463	1.73697	1.73697	0.516846	0.886577	-1.12793	0.855779	1.03389	1.03389
cg14312894	HSD17B6	0.0737496	0.0219138	0.155402	-6.43491	0.02471	0.163553	-6.11424	0.098012	0.292618	-3.41743	0.128469	0.328734	-3.04197	0.0163623	0.137104	-7.29372
cg00414485	C22orf23	0.0737507	0.0225018	0.717014	-1.39467	0.500327	0.920103	-1.08684	0.325039	0.883646	-1.13167	0.328919	1.13049	1.13049	0.00666819	0.651517	-1.53488
cg14962774	GDAP2;GDAP2;WDR3	0.0737592	0.0903024	1.29052	1.29052	0.374979	0.883007	-1.13249	0.270015	1.16993	1.16993	0.120214	0.794282	-1.259	0.144995	1.23846	1.23846
cg07509094	PRPF19	0.0737641	0.00891977	0.690959	-1.44726	0.926521	1.0103	1.0103	0.228406	0.868955	-1.15081	0.999704	0.999959	-1.00004	0.220581	1.15384	1.15384
cg06173520	BANP;BANP	0.0737647	0.880908	0.953574	-1.04869	0.0341616	0.456667	-2.18978	0.0156211	0.390639	-2.55991	0.879381	0.952987	-1.04933	0.472203	0.793046	-1.26096
cg25326570	GNAS;GNAS;GNAS;GNASAS	0.0737689	0.145763	1.41603	1.41603	0.14253	0.703924	-1.42061	0.283981	1.28134	1.28134	0.822715	0.951247	-1.05125	0.262532	0.770905	-1.29718
cg05585558	INCENP;INCENP	0.0737709	0.742341	1.03501	1.03501	0.277197	1.12511	1.12511	0.944942	1.00723	1.00723	0.561132	1.06321	1.06321	0.150305	1.1745	1.1745
cg07118866	TRAF6;TRAF6	0.0737709	0.927799	1.01062	1.01062	0.365357	1.11453	1.11453	0.678961	1.04972	1.04972	0.231907	1.15739	1.15739	0.404105	0.905267	-1.10465
cg16867086	FARP1;FARP1	0.0737709	0.74491	0.897533	-1.11417	0.532412	0.811071	-1.23294	0.43118	0.766405	-1.30479	0.315479	1.41014	1.41014	0.0179615	0.385907	-2.5913
cg01857475	TXNRD1;TXNRD1;TXNRD1;EID3;TXNRD1;TXNRD1	0.0737711	0.0990131	14.196	14.196	0.806362	0.697507	-1.43368	0.854954	1.30789	1.30789	0.10427	13.5316	13.5316	0.0348882	0.0271455	-36.8386

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07313720	0.253232	0.495193	-2.01942	0.10812	0.35613	-2.80796	0.32267	0.547887	-1.8252	0.0544068	0.276511	-3.6165	2.91132	15.9948	4.88355	1
cg05038152	0.0107484	0.254101	-3.93545	0.0390029	0.36012	-2.77685	0.993417	0.99648	-1.00353	0.0914406	0.451809	-2.21332	2.91128	8.4245	2.57222	1
cg18113453	0.552566	0.844375	-1.18431	0.0106382	0.404839	-2.47012	0.460488	1.23559	1.23559	0.563782	0.848487	-1.17857	2.91128	3.6548	1.11591	1
cg16039972	0.0375583	0.620206	-1.61237	0.0544937	1.54023	1.54023	0.417865	0.84882	-1.17811	0.625214	1.10238	1.10238	2.91127	1.80738	0.551842	1
cg02806322	0.30072	0.432126	-2.31414	0.181445	0.329567	-3.03428	0.644299	0.695053	-1.43874	0.567865	0.636525	-1.57103	2.91127	28.2276	8.61864	1
cg18766080	0.219852	1.34241	1.34241	0.226324	0.748286	-1.33639	0.929095	0.979891	-1.02052	0.0181321	1.92504	1.92504	2.91126	2.40213	0.733437	1
cg20566643	0.817297	0.974784	-1.02587	0.0618421	0.792871	-1.26124	0.19304	1.16419	1.16419	0.0735653	0.802389	-1.24628	2.91125	0.561594	0.171471	1
cg26837043	0.16432	0.47855	-2.08965	0.0215205	0.253752	-3.94086	0.204478	1.94461	1.94461	0.511251	0.718258	-1.39226	2.91125	11.3745	3.47297	1
cg16006841	0.199171	0.437865	-2.28381	0.508068	1.50493	1.50493	0.32598	0.53936	-1.85405	0.0341478	4.5035	4.5035	2.91124	17.0864	5.21697	1
cg13845105	0.389376	0.477031	-2.0963	0.250757	0.365312	-2.73739	0.054838	0.160838	-6.21745	0.044178	0.143706	-6.95866	2.91123	32.4653	9.91265	1
cg04453552	0.438037	1.20468	1.20468	0.308702	0.780349	-1.28148	0.100326	0.654554	-1.52776	0.361809	0.801987	-1.2469	2.91123	2.55511	0.780155	1
cg17474222	0.199766	0.487223	-2.05245	0.00747504	0.160738	-6.22132	0.112425	0.399586	-2.50259	0.110034	0.396703	-2.52078	2.9112	12.9905	3.96642	1
cg03263226	0.047115	0.206162	-4.85055	0.0210798	0.145419	-6.87666	0.166036	0.358228	-2.79152	0.166426	0.358611	-2.78854	2.91118	22.2728	6.8007	1
cg23815462	0.704512	1.03275	1.03275	0.188096	0.888719	-1.12521	0.113444	1.15684	1.15684	0.158738	0.880366	-1.13589	2.91115	0.329864	0.100721	1
cg11417360	0.36888	0.698127	-1.4324	0.269469	1.56483	1.56483	0.821723	1.09186	1.09186	0.0554203	0.429389	-2.32889	2.91113	6.99026	2.13442	1
cg08818829	0.720652	1.18256	1.18256	0.0519539	2.80848	2.80848	0.531921	1.34403	1.34403	0.314148	0.615008	-1.62599	2.91109	10.0547	3.07017	1
cg05846476	0.124158	0.405397	-2.46672	0.0124078	0.184952	-5.40681	0.0208793	0.221427	-4.51615	0.320532	0.573151	-1.74474	2.91108	13.5584	4.14001	1
cg26112996	0.207823	0.44716	-2.23634	0.618095	1.35607	1.35607	0.546303	0.690733	-1.44774	0.78443	0.846903	-1.18077	2.91107	16.9317	5.17006	1
cg17060195	0.545179	0.934109	-1.07054	0.719253	1.041	1.041	0.0145234	1.39818	1.39818	0.142411	1.19188	1.19188	2.91105	0.571336	0.174457	1
cg23699700	0.397118	1.15215	1.15215	0.00182641	0.485061	-2.0616	0.572634	1.0976	1.0976	0.964274	0.99271	-1.00734	2.91105	1.23014	0.375623	1
cg11166823	0.604917	0.911264	-1.09738	0.0486736	0.669701	-1.4932	0.90668	0.979337	-1.0211	0.537703	0.894843	-1.11751	2.91104	1.46158	0.446296	1
cg21292473	0.737563	0.929192	-1.0762	0.958596	0.988727	-1.0114	0.90514	0.974302	-1.02638	0.464761	0.850038	-1.17642	2.91103	2.19863	0.671356	1
cg18247552	0.766511	0.936295	-1.06804	0.00389952	0.423601	-2.36071	0.83882	1.04605	1.04605	0.718056	1.08345	1.08345	2.91102	2.25277	0.68789	1
cg22102082	0.432857	1.24787	1.24787	0.162494	1.51066	1.51066	0.582688	0.857676	-1.16594	0.908987	0.968857	-1.03214	2.91099	3.52898	1.0776	1
cg11414044	0.124463	0.167822	-5.9587	0.0384556	0.0762886	-13.1081	0.0211492	0.0510729	-19.5798	0.0459909	0.0859534	-11.6342	2.9109	53.0807	16.209	1
cg23024810	0.706994	1.15105	1.15105	0.643779	1.18942	1.18942	0.0356179	2.48707	2.48707	0.110957	0.523669	-1.9096	2.91088	6.39755	1.9536	1
cg13403695	0.334257	0.484945	-2.06209	0.255978	0.422425	-2.36728	0.95244	0.957581	-1.0443	0.0698522	0.229191	-4.36317	2.91083	24.3471	7.43495	1
cg07295904	0.133019	0.530181	-1.88615	0.516049	0.772745	-1.29409	0.0158066	0.314251	-3.18217	0.215932	0.600589	-1.66503	2.9107	7.06564	2.15775	1
cg25597797	0.0919192	0.351364	-2.84605	0.0106976	0.163895	-6.10146	0.195274	0.461997	-2.16451	0.366438	0.592706	-1.68718	2.91065	14.649	4.47369	1
cg10390473	0.485161	1.15775	1.15775	0.0238984	1.74469	1.74469	0.0291431	0.588067	-1.70049	0.986511	0.996515	-1.0035	2.91064	1.96591	0.600376	1
cg09028651	0.593077	0.891836	-1.12128	0.728419	1.07678	1.07678	0.0791893	1.51224	1.51224	0.932735	0.982244	-1.01808	2.91058	2.07615	0.634056	1
cg04914305	0.763755	0.955585	-1.04648	0.0199194	0.654741	-1.52732	0.152104	1.26016	1.26016	0.572221	1.08983	1.08983	2.91054	1.04718	0.319813	1
cg19843991	0.0914544	1.65583	1.65583	0.0101513	0.414882	-2.41032	0.44884	1.23296	1.23296	0.094487	0.6073	-1.64663	2.91053	3.39368	1.03645	1
cg09560096	0.157599	0.377381	-2.64984	0.035208	0.205579	-4.86432	0.335073	0.526725	-1.89852	0.167637	0.387334	-2.58175	2.91053	19.1708	5.85486	1
cg12076147	0.562675	0.687233	-1.45511	0.402909	0.577769	-1.73079	0.0943589	3.24958	3.24958	0.602022	0.713767	-1.40102	2.91051	18.9325	5.7821	1
cg13274254	0.140802	0.65391	-1.52926	0.648691	0.884273	-1.13087	0.926292	0.975494	-1.02512	0.900701	1.03404	1.03404	2.9105	3.31429	1.01221	1
cg22540129	0.104356	1.13142	1.13142	0.00699057	0.784573	-1.27458	0.261036	1.08494	1.08494	0.428295	1.05785	1.05785	2.9105	0.222961	0.0680941	1
cg07502333	0.403379	1.26187	1.26187	0.0172492	2.20151	2.20151	0.773873	0.924632	-1.08151	0.894603	0.964588	-1.03671	2.91047	3.41063	1.04164	1
cg09035127	0.459769	0.74855	-1.33592	0.0080918	0.271187	-3.68749	0.499428	0.768117	-1.30189	0.285397	0.652497	-1.53257	2.91042	6.82503	2.08447	1
cg16774511	0.325208	0.835065	-1.19751	0.506236	1.12712	1.12712	0.963051	0.991814	-1.00825	0.300274	0.826587	-1.20979	2.91042	1.45106	0.443179	1
cg10929349	0.538345	1.21876	1.21876	0.357252	1.35074	1.35074	0.466213	1.26549	1.26549	0.391956	1.32115	1.32115	2.91041	4.64792	1.41956	1
cg01564705	0.996436	1.00081	1.00081	0.697246	1.07344	1.07344	0.185537	0.775331	-1.28977	0.54663	0.895315	-1.11692	2.9104	1.51448	0.462551	1
cg06022113	0.574559	0.834482	-1.19835	0.521793	0.812909	-1.23015	0.188552	1.55963	1.55963	0.793658	0.919774	-1.08722	2.91039	4.69136	1.43283	1
cg15243474	0.677714	0.943502	-1.05988	0.203666	0.82969	-1.20527	0.527842	1.09309	1.09309	0.406134	0.888461	-1.12554	2.91039	0.892594	0.272615	1
cg18899818	0.656711	0.884069	-1.13113	0.559501	0.849967	-1.17652	0.922707	0.973622	-1.02709	0.835348	0.944282	-1.05901	2.91039	3.49746	1.06819	1
cg02780328	0.688828	0.921744	-1.0849	0.00757128	0.498858	-2.00458	0.594314	0.89689	-1.11496	0.352993	0.824096	-1.21345	2.91039	1.88894	0.576917	1
cg10509187	0.0617755	0.488922	-2.04532	0.0201896	0.38563	-2.59316	0.0829869	0.520521	-1.92115	0.0704117	0.502659	-1.98942	2.91038	5.33298	1.6288	1
cg13422744	0.592575	1.159	1.159	0.402622	1.26363	1.26363	0.493446	1.20924	1.20924	0.787056	1.07677	1.07677	2.91036	3.43981	1.05059	1
cg18075073	0.00218039	0.246397	-4.05848	0.986539	0.994518	-1.00551	0.763485	0.906351	-1.10333	0.271829	0.688869	-1.45166	2.91036	4.89344	1.49457	1
cg14195115	0.23417	1.84526	1.84526	0.00610717	5.80125	5.80125	0.0180554	4.09938	4.09938	0.28365	1.72834	1.72834	2.91029	11.1218	3.39694	1
cg14529610	0.691992	1.03493	1.03493	0.859975	0.98489	-1.01534	0.625769	1.04329	1.04329	0.0461067	0.82114	-1.21782	2.91028	0.342696	0.10467	1
cg24514391	0.237148	0.598767	-1.6701	0.0275506	0.339868	-2.94232	0.212473	0.580527	-1.72257	0.923548	0.96103	-1.04055	2.91025	7.90445	2.41429	1
cg25210936	0.351687	0.598098	-1.67197	0.00876252	0.166874	-5.99256	0.3757	0.614128	-1.62833	0.125932	0.411468	-2.43032	2.91024	13.2559	4.04882	1
cg23635663	0.136441	0.657515	-1.52088	0.593011	1.15141	1.15141	0.504302	1.19372	1.19372	0.694542	1.10864	1.10864	2.91024	3.14766	0.961406	1
cg00510552	0.050863	0.347959	-2.8739	0.109977	0.437448	-2.28599	0.416649	1.48284	1.48284	0.151396	0.482133	-2.07411	2.91021	10.3809	3.17071	1
cg06730438	0.6447	1.23889	1.23889	0.24343	0.569456	-1.75606	0.893615	1.06367	1.06367	0.356261	0.64549	-1.54921	2.91018	9.80943	2.99621	1
cg05097696	0.560158	1.15741	1.15741	0.0860589	0.624593	-1.60104	0.0225841	1.96912	1.96912	0.549581	0.860506	-1.16211	2.91017	2.83783	0.866793	1
cg13860447	0.0197338	0.391027	-2.55737	0.0513052	0.477123	-2.09589	0.735376	0.893042	-1.11977	0.207777	0.642155	-1.55726	2.91014	5.12518	1.56546	1
cg02636814	0.0738043	1.51964	1.51964	0.119827	1.4253	1.4253	0.821667	0.953699	-1.04855	0.467208	0.856118	-1.16806	2.91009	2.03229	0.620764	1
cg15511625	0.669698	1.08533	1.08533	0.283309	1.23704	1.23704	0.779932	0.947952	-1.05491	0.183821	0.764092	-1.30874	2.91006	1.67832	0.512649	1
cg24368101	0.00456197	0.644886	-1.55066	0.0443647	0.764765	-1.30759	0.502057	0.92393	-1.08233	0.994137	1.00085	1.00085	2.91001	0.62158	0.189868	1
cg10688941	0.0700948	1.49962	1.49962	0.00637647	0.491463	-2.03474	0.918159	1.02078	1.02078	0.545089	1.13038	1.13038	2.91	1.84542	0.563702	1
cg21926039	0.704404	0.851493	-1.17441	0.0345465	0.353593	-2.82811	0.491476	0.744739	-1.34275	0.4833	1.35052	1.35052	2.91	8.19892	2.50444	1
cg06863239	0.0933073	0.486499	-2.0555	0.856603	1.07315	1.07315	0.426142	1.37325	1.37325	0.364705	0.695206	-1.43842	2.90995	7.02125	2.14475	1
cg24838202	0.152873	1.2726	1.2726	0.43841	0.88381	-1.13147	0.0779332	0.733253	-1.36379	0.909321	0.982404	-1.01791	3.12292	1.17531	0.292717	1
cg00096603	0.291907	0.580246	-1.72341	0.0631138	0.353297	-2.83048	0.261769	1.79046	1.79046	0.291497	0.579958	-1.72426	2.90994	11.4178	3.48774	1
cg25405821	0.0692446	0.608863	-1.6424	0.347366	0.789632	-1.26641	0.972074	1.00858	1.00858	0.289966	0.764838	-1.30747	2.90991	2.74602	0.838826	1
cg07929727	0.0787453	0.346886	-2.88279	0.0101329	0.172227	-5.8063	0.0709005	0.334778	-2.98705	0.0926842	0.36665	-2.7274	2.9099	13.553	4.14005	1
cg08287220	0.159805	0.40962	-2.44129	0.0304534	0.220617	-4.53274	0.0710773	0.301758	-3.31392	0.180677	0.42972	-2.3271	2.90988	16.2722	4.97073	1
cg00543869	0.230318	1.4294	1.4294	0.0126839	2.4095	2.4095	0.334908	1.32617	1.32617	0.621241	0.868156	-1.15187	2.90987	3.71385	1.13448	1
cg09148486	0.679317	1.05747	1.05747	0.515046	1.0928	1.0928	0.368549	1.1322	1.1322	0.0275809	0.704515	-1.41942	2.90985	0.832881	0.254425	1
cg02727232	0.836823	0.941573	-1.06205	0.445167	1.25509	1.25509	0.744258	1.10027	1.10027	0.561343	0.842443	-1.18702	2.90984	3.92739	1.19972	1
cg07468655	0.197779	0.472717	-2.11543	0.15106	0.428753	-2.33234	0.969127	1.02153	1.02153	0.393511	0.618123	-1.6178	2.90984	13.9608	4.2647	1
cg03531211	0.141204	0.528454	-1.89231	0.595413	1.2385	1.2385	0.149084	0.536142	-1.86518	0.102362	0.485523	-2.05963	3.12278	7.69089	1.91554	1
cg23502966	0.537537	0.828299	-1.20729	0.211733	1.48732	1.48732	0.809529	1.07559	1.07559	0.0672883	0.538619	-1.8566	2.90984	4.1964	1.2819	1
cg23893802	0.356412	2.0768	2.0768	?	?	?	0.0438984	0.167913	-5.95547	0.0336082	0.147744	-6.76849	3.05258	19.1329	8.35703	1
cg08107909	0.233835	1.56842	1.56842	0.0264171	0.387051	-2.58364	0.200707	1.62798	1.62798	0.0662827	0.475793	-2.10175	2.90978	5.99226	1.83054	1
cg00964109	0.617746	0.927444	-1.07823	0.344964	1.15676	1.15676	0.0265499	1.48233	1.48233	0.221021	1.2124	1.2124	2.90973	1.03288	0.315532	1
cg06262436	0.128862	1.39069	1.39069	0.0550262	0.645847	-1.54836	0.48707	1.15246	1.15246	0.132502	1.3857	1.3857	2.90973	1.86098	0.568509	1
cg21080562	0.535313	1.56461	1.56461	0.0334107	5.88473	5.88473	0.0175084	7.86064	7.86064	0.00982864	10.2469	10.2469	2.90973	23.4302	7.15765	1
cg22090245	0.106872	3.52304	3.52304	0.00567115	13.4123	13.4123	0.0198892	7.46985	7.46985	0.107748	3.51005	3.51005	2.90969	23.5847	7.20496	1
cg26018431	0.394152	0.882798	-1.13276	0.115612	1.27672	1.27672	0.568721	0.92102	-1.08575	0.768131	1.04313	1.04313	2.90969	0.940072	0.287185	1
cg19991899	0.997569	1.00081	1.00081	0.0508693	0.554193	-1.80443	0.0547885	0.561013	-1.78249	0.494901	0.832011	-1.20191	2.90968	3.24481	0.991268	1
cg26878655	0.861274	1.06925	1.06925	0.114167	0.517998	-1.93051	0.940607	1.02893	1.02893	0.0463024	0.417362	-2.396	2.90965	6.75208	2.06274	1
cg24389347	0.101466	0.388781	-2.57215	0.0637372	0.333505	-2.99846	0.0225501	0.237115	-4.21737	0.311792	0.576201	-1.73551	2.90964	12.7916	3.9078	1
cg14331245	0.829576	0.91076	-1.09798	0.0174787	3.64817	3.64817	0.126959	2.06352	2.06352	0.0458604	0.362816	-2.75622	3.12252	9.09994	2.26667	1
cg19047804	0.0323958	0.430037	-2.32538	0.843999	0.93578	-1.06863	0.0239402	0.40348	-2.47844	0.0463348	0.463516	-2.15742	2.9096	5.23029	1.59787	1
cg05409111	0.849647	0.959843	-1.04184	0.905599	1.02595	1.02595	0.273534	1.27901	1.27901	0.875105	0.9666	-1.03455	2.90957	2.14928	0.656616	1
cg03660538	0.10601	1.56893	1.56893	0.0125041	2.20929	2.20929	0.766754	0.926921	-1.07884	0.374139	0.792366	-1.26204	2.90954	2.99907	0.916242	1
cg22620797	0.123826	0.408324	-2.44904	0.0138015	0.194823	-5.13286	0.105979	0.387174	-2.58282	0.264399	0.535178	-1.86854	2.90952	13.3087	4.06594	1
cg24735226	0.8359	0.901543	-1.10921	0.331665	1.64952	1.64952	0.819117	1.12127	1.12127	0.745458	0.849784	-1.17677	2.90951	11.5065	3.51537	1
cg11486935	0.474854	0.786435	-1.27156	0.720937	1.12589	1.12589	0.807888	0.922624	-1.08387	0.192487	0.633804	-1.57778	2.90949	5.03599	1.53856	1
cg14340114	0.773705	1.07562	1.07562	0.0434831	0.555968	-1.79866	0.0785775	1.63883	1.63883	0.122602	1.52655	1.52655	2.90946	2.94582	0.9	1
cg05579731	0.0785324	0.388962	-2.57095	0.0479081	0.33525	-2.98285	0.0705961	0.376661	-2.65491	0.0283795	0.286403	-3.49159	2.90944	10.7601	3.28741	1
cg11246563	0.179276	0.25688	-3.89287	0.148875	4.37086	4.37086	0.196417	0.272157	-3.67435	0.112517	5.18638	5.18638	2.90943	41.8266	12.7788	1
cg05877740	0.116873	0.380942	-2.62507	0.500835	0.679022	-1.47271	0.737972	0.826783	-1.20951	0.267762	0.51995	-1.92326	2.90943	14.7894	4.51847	1
cg21474351	0.572646	0.889186	-1.12462	0.599249	1.11543	1.11543	0.643012	1.10094	1.10094	0.572895	0.889255	-1.12454	2.9094	1.95586	0.597559	1
cg09090857	0.542722	1.25579	1.25579	0.0973113	0.510374	-1.95935	0.0804729	2.04767	2.04767	0.733135	1.13486	1.13486	2.94663	5.6686	1.92376	1
cg03189210	0.491826	1.66321	1.66321	0.307014	2.16102	2.16102	0.015535	8.6937	8.6937	0.199513	2.68509	2.68509	2.90935	24.4662	7.47513	1
cg26124115	0.688866	1.16448	1.16448	0.00219056	0.196852	-5.07997	0.0537659	0.436678	-2.29002	0.709358	0.867924	-1.15217	2.90929	6.59556	2.01517	1
cg14044120	0.257437	0.640742	-1.56069	0.00896864	0.286005	-3.49645	0.0310674	0.385482	-2.59416	0.336004	0.688221	-1.45302	2.90927	6.53624	1.99706	1
cg15002214	0.00783317	0.313961	-3.18511	0.936476	1.02743	1.02743	0.613531	0.841244	-1.18872	0.832507	0.930632	-1.07454	2.90927	5.30935	1.6222	1
cg19208079	0.581772	0.908634	-1.10055	0.032624	0.650075	-1.53828	0.982033	1.00389	1.00389	0.145219	1.30919	1.30919	2.90923	1.36681	0.417616	1
cg21250721	0.28251	4.8247	4.8247	0.881922	0.811027	-1.23301	0.0109717	89.8313	89.8313	0.788337	1.46112	1.46112	2.90923	91.5032	27.958	1
cg06685111	0.123628	0.503117	-1.98761	0.0360286	0.366227	-2.73055	0.621128	1.22779	1.22779	0.415749	0.709904	-1.40864	2.90922	7.81748	2.38857	1
cg13424940	0.266158	1.45034	1.45034	0.627439	0.854754	-1.16993	0.0376246	0.461213	-2.16819	0.0865175	1.836	1.836	2.90919	4.7444	1.44963	1
cg07148896	0.625207	0.882739	-1.13284	0.00963991	0.436045	-2.29334	0.073894	0.603688	-1.65649	0.615851	1.13674	1.13674	2.90919	2.95738	0.903612	1
cg13819787	0.364065	0.858001	-1.1655	0.0556861	0.700469	-1.42762	0.0320992	0.662172	-1.51018	0.587046	1.09422	1.09422	2.90918	1.24219	0.379548	1
cg14495033	0.235032	1.39134	1.39134	0.256475	1.3693	1.3693	0.0656595	1.73006	1.73006	0.438092	1.23353	1.23353	2.90917	3.24429	0.991283	1
cg14200725	0.63479	1.25336	1.25336	0.146326	2.08739	2.08739	0.222866	0.546344	-1.83035	0.0336213	3.22601	3.22601	2.90917	10.2625	3.13567	1
cg18634479	0.0778742	0.431076	-2.31978	0.524505	0.758069	-1.31914	0.333268	0.651405	-1.53514	0.112632	0.476301	-2.09951	2.90915	8.49806	2.59658	1
cg19050514	0.078073	1.32442	1.32442	0.0092786	0.622645	-1.60605	0.329968	0.865645	-1.15521	0.410623	0.88625	-1.12835	2.90914	0.94902	0.289974	1
cg06874334	0.0173881	0.38989	-2.56482	0.0130913	0.367541	-2.72079	0.765956	0.907477	-1.10196	0.230922	0.6645	-1.50489	2.90911	4.87356	1.48913	1
cg06529134	0.939146	0.989391	-1.01072	0.00123717	0.517068	-1.93398	0.833591	0.97104	-1.02982	0.942624	1.01011	1.01011	2.9091	0.898985	0.274689	1
cg16201681	0.147668	0.481857	-2.07531	0.0610319	0.37073	-2.69738	0.074809	0.393493	-2.54134	0.0915586	0.417605	-2.39461	2.9091	10.178	3.10993	1
cg22810434	0.0294321	0.289453	-3.45479	0.27378	0.576656	-1.73414	0.100169	0.41865	-2.38863	0.101045	0.419764	-2.38229	2.90907	10.7658	3.28956	1
cg02102684	0.126222	0.492812	-2.02917	0.00712559	0.226133	-4.42217	0.0565824	0.397273	-2.51716	0.347663	0.661272	-1.51224	2.90907	8.42886	2.5755	1
cg26468152	0.827328	0.932376	-1.07253	0.31138	1.39891	1.39891	0.215852	1.51815	1.51815	0.657266	0.866644	-1.15388	2.90906	4.73328	1.4463	1
cg10929442	0.135269	0.774354	-1.2914	0.686013	1.06668	1.06668	0.413196	0.875573	-1.14211	0.226876	1.22326	1.22326	2.90904	1.16236	0.35517	1
cg27089789	0.174002	0.556745	-1.79615	0.659702	0.835742	-1.19654	0.773182	1.12414	1.12414	0.473191	0.744215	-1.3437	2.90903	7.55486	2.30848	1
cg05817758	0.0585606	5.9262	5.9262	0.00990338	15.0794	15.0794	0.0497759	6.44589	6.44589	0.604061	0.646861	-1.54593	2.90899	31.9452	9.76136	1
cg04401876	0.201082	0.573757	-1.7429	0.148976	0.528988	-1.8904	0.401769	0.702515	-1.42346	0.929819	0.964405	-1.03691	2.90899	7.79945	2.38325	1
cg24496978	0.0211642	1.51792	1.51792	0.615433	1.07925	1.07925	0.811677	1.03659	1.03659	0.274753	1.18662	1.18662	2.90892	1.04458	0.319196	1
cg10694030	0.463638	0.452108	-2.21186	0.459305	2.22961	2.22961	0.00185583	110.048	110.048	0.69873	1.51268	1.51268	2.94616	46.9718	15.9434	1
cg11522018	0.0102495	1.80046	1.80046	0.0137652	1.7391	1.7391	0.765614	1.05583	1.05583	0.0749896	1.4338	1.4338	2.9089	1.52126	0.46486	1
cg04536893	0.588607	1.1052	1.1052	0.0192208	0.595212	-1.68008	0.174185	0.767367	-1.30316	0.987571	0.997151	-1.00286	2.90889	1.54579	0.472356	1
cg14312894	0.059848	0.237478	-4.21092	0.0754832	0.261898	-3.81828	0.253684	0.446154	-2.24138	0.170783	0.372495	-2.6846	2.90888	21.1197	6.4537	1
cg00414485	0.208468	0.850951	-1.17516	0.557471	0.930335	-1.07488	0.899571	0.984749	-1.01549	0.0602809	0.772664	-1.29422	2.90886	0.682546	0.208572	1
cg14962774	0.36881	1.13442	1.13442	0.018859	0.677954	-1.47503	0.155536	1.23078	1.23078	0.672186	1.05988	1.05988	2.90873	0.86011	0.262844	1
cg07509094	0.249001	0.874693	-1.14326	0.0328207	0.757739	-1.31972	0.662546	0.95238	-1.05	0.192568	1.1656	1.1656	2.90865	0.568728	0.173804	1
cg06173520	0.925195	0.97066	-1.03023	0.0322598	2.2147	2.2147	0.269162	0.694258	-1.44039	0.280128	0.700464	-1.42762	2.90864	4.63204	1.41557	1
cg25326570	0.0278291	1.7843	1.7843	0.0144585	1.95666	1.95666	0.314685	1.26058	1.26058	0.789422	1.06143	1.06143	2.90857	2.28516	0.698367	1
cg05585558	0.0804271	1.22419	1.22419	0.297157	0.893379	-1.11935	0.00366858	1.50647	1.50647	0.085955	1.21888	1.21888	2.90854	0.501219	0.153179	1
cg07118866	0.281976	1.13922	1.13922	0.0215844	0.724937	-1.37943	0.0114999	0.691745	-1.44562	0.400381	0.904518	-1.10556	2.90854	0.626058	0.191332	1
cg16867086	0.142844	1.68456	1.68456	0.58311	0.832315	-1.20147	0.0358493	2.24467	2.24467	0.107578	0.559044	-1.78877	2.90854	5.05106	1.54367	1
cg01857475	0.439393	0.314497	-3.17969	0.812532	0.705747	-1.41694	0.025027	49.9457	49.9457	0.119561	11.9125	11.9125	2.90854	99.1162	30.2913	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg00204751	SCAND2;SCAND2	0.0737729	0.663149	1.27164	1.27364	1.620854	1.31525	1.315325	0.943485	1.03964	1.03964	0.96327	0.970566	-1.02557	0.627385	0.764746	1.30762	-1.02887	0.893762	1.07601	1.07601	0.650627	1.29401	1.28401	2.00851	13.849	4.23249	1
cg04152610	BRD4;BRD4	0.0737734	0.367339	0.693563	-1.44183	0.162741	1.80186	1.80186	0.17887	1.75819	1.75819	0.64557	1.20081	1.20081	0.19675	0.81122	1.23271	0.0320048	2.69868	2.69868	0.014543	3.00441	-3.28055	0.488643	1.32045	1.32045	0.400163	0.711551	-1.40538	2.9085	7.1923	2.19809	1
cg06787991	AKAP13;AKAP13;AKAP13	0.0737762	0.249472	1.70508	1.70508	0.65818	1.21823	1.21823	0.909128	1.05192	1.05192	0.8685565	0.432425	-2.31254	0.010112	0.237264	-4.21471	0.141655	2.01496	2.01496	0.377527	1.49396	1.49396	0.113678	2.14482	2.14482	0.751032	0.868387	-1.15156	2.98486	9.05365	2.76699	1
cg06188758	C1orf216	0.0737791	0.369095	1.19438	1.19438	0.406729	0.849223	-1.17755	0.099451	1.41587	1.41587	0.12147	1.38168	1.38168	0.671851	1.08557	1.08557	0.141848	1.33545	1.33545	0.00460257	2.06722	2.06722	0.170642	1.3244	1.3244	0.0531147	1.52678	1.52678	2.98481	1.70798	0.5220004	1
cg05330940	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0737821	0.209035	1.4593	1.4593	0.0926043	1.69629	1.69629	0.613944	0.871321	-1.14768	0.088894	1.67605	1.67605	0.242191	0.705129	-1.41818	0.483466	0.81606	-1.2354	0.386225	1.28857	1.28857	0.302494	1.46822	1.46822	0.0147065	0.424393	-2.35631	2.90836	3.75259	1.14691	1
cg06236901	OTUD6B	0.0737834	0.00938014	0.674141	-1.47898	0.626209	1.0929	1.0929	0.407966	1.33475	1.33475	0.348004	0.891728	1.21242	0.156798	1.07257	1.07257	0.681874	1.35019	1.35019	0.0291235	2.53238	2.71253	0.464071	1.24035	1.24035	0.98438	0.650166	0.650166	0.198713	1
cg03214697	SEC14L4;SEC14L4	0.0737839	0.0527541	5.78982	5.78982	0.0314172	7.48645	7.48645	0.189485	3.02993	3.02993	0.493819	1.74057	1.74057	0.0512274	5.87465	5.87465	0.348022	2.16112	2.16112	0.0517115	5.84734	5.84734	0.0106106	12.9755	12.9755	0.0596634	5.44727	5.44727	2.90833	29.3017	8.95564	1
cg14449448	CELSR3	0.0737842	0.620074	1.3583	1.3583	0.173415	1.32502	1.32502	0.948775	1.8304	1.8304	0.212266	1.27741	1.27741	0.0402775	1.88088	1.88088	0.175627	1.23349	1.23349	0.949543	0.0607102	1.10243	1.10243	0.0972401	1.88446	1.88446	2.90833	0.978241	0.298985	1
cg04312119	FAM26E;BET3L	0.0737847	0.0848349	0.405474	-2.46625	0.0492376	0.345349	-2.89562	0.122943	0.453112	-2.20696	0.920905	1.04817	0.048107	0.0410966	0.192619	-5.1916	0.147501	0.478957	-2.08787	0.144896	0.242614	-2.07931	0.0422101	0.330997	-3.02117	0.0995584	0.420616	-2.37747	2.90832	10.3444	3.15858	1
cg18247239	MGMT	0.0737856	0.918476	0.549124	-1.05986	0.0763077	0.727344	-1.37373	0.023567	0.647252	-1.54499	0.744793	0.948808	-1.05399	0.615225	0.929634	-1.07569	0.367531	0.861638	-1.16058	0.0150656	1.61709	1.61709	0.158192	0.784493	-1.27471	0.944124	0.988786	-1.01134	2.90831	1.19222	0.4643888	1
cg12139069	PDE4DIP	0.0737856	0.814646	0.918344	-1.08802	0.53999	0.798482	-1.25238	0.544315	0.800472	-1.24926	0.992298	1.95827	1.95827	0.0972765	0.516817	-1.93492	0.48284	1.29524	1.29524	0.215712	1.60419	1.60419	0.0061214	3.66058	3.66058	0.319275	1.45257	1.45257	2.90831	6.06013	1.85221	1
cg20740485	CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13;CDC13	0.0737924	0.0371506	0.375002	-2.66666	0.17273	0.555314	-1.80078	0.0581599	0.419806	-2.38205	0.0904972	0.356771	-2.80292	0.103454	0.485819	-2.05838	0.132224	0.517587	-1.93204	0.34475	0.674022	-1.48363	0.0382475	0.377762	-2.64717	0.0133046	0.288425	-3.46711	2.9082	7.56864	2.31335	1
cg07445544	ACTR1B	0.0737968	0.178916	0.757454	-1.32021	0.369144	0.555049	-1.80125	0.208587	1.29441	1.29441	0.534605	1.13015	1.13015	0.0042976	0.475696	-2.10218	0.108788	0.715571	-1.39754	0.146534	0.683261	1.15633	1.15633	0.54098	1.12795	1.12795	0.5038997	0.876408	-1.14102	2.90813	1.74327	0.532841	1
cg01905377	FOXP3;FOXP3	0.0737992	0.0233102	0.655353	-1.52582	0.720528	0.815483	-1.22627	0.310882	0.551381	-1.81363	0.159283	0.429568	-2.32918	0.0232338	0.215253	-4.64571	0.318811	1.795	1.795	0.0291235	2.53224	-4.30589	0.279058	0.527815	-1.8946	0.0570902	0.294552	-3.39499	2.90809	14.8487	4.53867	1
cg05012551	ZNF227	0.0738043	0.822348	1.1838	1.1838	7	7	7	0.0246944	0.127097	-7.86798	0.159863	3.12092	3.12092	0.481323	0.583771	-1.713	0.091525	0.242947	-4.11612	7	7	7	0.0345796	0.150471	-6.64579	0.599437	1.48898	1.48898	3.20165	21.7243	6.78534	1
cg07354903	FAM131A;FAM131A	0.0738078	0.0633373	1.53094	1.53094	0.00881593	1.97244	1.97244	0.0134553	1.42435	1.42435	0.393155	0.8309444	0.831	0.0779436	1.25403	1.25403	0.21601	1.29778	1.29778	0.183256	0.753301	-1.13249	0.0918427	0.598004	0.598004	0.0981144	0.246111	1.27552	1.27552	2.90795	1.85374	0.566641	1
cg11432275	HIT	0.0738091	0.876874	0.958244	-1.04358	0.00565672	2.71509	2.71509	0.964865	1.01219	1.01219	0.0658107	1.76455	1.76455	0.345356	0.765393	-1.30652	0.354603	2.09551	1.29951	0.448748	0.808666	-1.12661	0.0476962	1.86438	1.86438	0.764496	1.08617	1.08617	2.90793	3.48551	1.06544	1
cg06098146	PFKM;SENP1;PFKM	0.0738095	0.307635	1.04518	1.04518	0.00685409	1.51899	1.50788	0.164341	1.1902	1.1902	0.153861	1.19611	1.19611	0.0590091	1.00603	1.00603	0.143448	0.831602	-1.2025	0.0950828	1.2503	1.2503	0.0978815	0.994107	-1.00598	0.0809565	1.25479	1.25479	2.90793	0.633598	0.199877	1
cg14574369	NAB2	0.0738095	0.179417	0.598003	-1.66972	0.0911202	0.512228	-1.95225	0.291741	0.674846	-1.48182	0.6626975	0.470976	-2.12325	0.101782	0.525228	-1.90394	0.616181	0.83186	-1.10924	0.0073184136	0.246425	-4.05803	0.0384221	0.422187	-2.36862	0.362332	0.714201	-1.40037	2.90793	5.952	1.83939	1
cg09150633	ADRB2;ADRB2	0.0738157	0.229235	0.801052	-1.24836	0.0910736	0.720913	-1.38713	0.324918	0.836171	-1.19593	0.800994	0.956565	-1.04541	0.502673	0.887273	-1.12705	0.064436	0.693995	-1.44093	0.0189551	0.606803	-1.64798	0.203637	1.26606	1.26606	0.0787707	1.40949	1.40949	2.90783	1.4236	0.435178	1
cg11882377	VPS26;NFKB1;2;VPS28	0.0738192	0.0995627	0.486421	-2.06326	0.339672	0.979776	-1.48417	0.697421	1.16973	1.16973	0.270241	1.60569	1.60569	0.0153268	0.620779	-1.61118	0.500406	1.24355	1.24355	0.81902	0.19622	1.19622	0.0135075	0.29324	-3.41017	0.0215166	0.330245	1.02805	2.90772	0.7425	0.2665	1
cg02961795	MTMR4	0.0738193	0.780442	1.06531	1.06531	0.409145	0.826035	-1.2106	0.148847	1.4198	1.4198	0.938779	1.01754	1.01754	0.00482245	0.428884	-2.33163	0.05241	0.6069	-1.64772	0.431788	1.19919	1.19919	0.779232	0.938359	-1.06569	0.345928	0.802718	-1.24577	2.90777	2.36042	0.721568	1
cg26280386	SETD7	0.0738201	0.428964	0.916496	-1.09111	0.360914	1.10552	1.10552	0.833805	0.977305	-1.02295	0.8523388	0.767327	1.30323	0.286619	1.12691	1.12691	0.0167158	0.729459	-1.37088	0.0764387	0.803818	-1.24406	0.0978962	0.880786	-1.12722	0.212123	1.14807	1.14807	2.90776	0.53706	0.164177	1
cg22995724	GSDMD;GSDMD	0.0738218	0.0699095	0.1240757	-8.0608	0.133846	0.189201	-5.28538	0.322201	0.34886	-2.86648	0.683227	1.52567	1.52567	0.0310807	0.0738256	13.5454	0.354318	0.374824	-2.66792	0.00705924	0.0277198	-36.0753	0.0724999	0.12699	-7.87466	0.0971348	0.153373	-6.52006	2.90773	48.835	14.9288	1
cg11998205	TMEM143	0.0738224	0.589059	0.797688	-1.25362	0.452011	1.37377	1.37377	0.454944	0.729476	-1.37085	0.877538	1.066	1.066	0.00625048	0.22835	-4.37924	0.096647	0.469586	-2.12953	0.0279703	0.340903	-2.93339	0.127596	0.505196	-1.97943	0.127334	0.504921	-1.98051	2.90772	7.91044	2.41822	1
cg08136806	KRT6C	0.0738232	0.0693537	1.46775	1.46775	0.172282	1.0482	1.0482	0.763182	0.935288	-1.06919	0.185372	1.36444	1.36444	0.044241	1.04551	1.04551	0.238864	0.630453	-1.58616	0.0378746	0.406556	-2.45968	0.101818	1.95386	1.95386	0.44132	0.745541	-1.34131	2.90771	0.644126	0.9691	1
cg11203512	CCDC67	0.0738229	0.0166337	21.7196	21.7196	0.247735	3.90765	3.90765	0.0124455	3.82367	3.38517	0.316951	0.12089	0.12089	0.179303	0.218162	-4.58374	0.975057	1.03546	1.03546	0.823301	0.790233	-1.26545	0.0115831	27.7374	27.7374	0.439374	2.29371	2.29371	2.90771	0.521087	15.5995	1
cg03734154	C5orf56	0.0738246	0.0329953	1.34294	1.34294	0.0266956	1.68489	1.68489	0.0164899	1.10536	1.10536	0.0987757	1.41723	1.41723	0.0139651	0.929446	-1.07559	0.304023	1.33389	1.33389	0.0206736	2.88777	-1.13647	0.732089	1.0965	1.0965	0.174384	0.573447	1.35645	2.90771	3.04345	1.04937	0.35107	1
cg16235861	TMEM20;TMEM20	0.0738238	0.783429	1.03315	1.03315	0.796292	1.03109	1.03109	0.00249562	1.64428	1.64428	0.0716004	1.26886	1.26886	0.792163	1.03175	1.03175	0.173755	1.18684	1.18684	0.392161	0.901437	-1.10934	0.601799	0.930586	-1.0643	0.65224	1.05516	1.05516	2.9077	0.645176	0.197232	1
cg19595592	7-Mar	0.0738302	0.00383896	0.164121	-6.09307	0.726311	0.850132	-1.17604	0.979948	0.988412	-1.01172	0.762961	1.15059	1.15059	0.0519117	0.358574	-2.78883	0.440776	1.43991	1.43991	0.216688	1.82733	1.82733	0.0222116	1.25909	1.25909	0.674776	0.822248	-1.21618	2.90759	9.90413	3.02782	1
cg06557807	APEH;APEH	0.0738312	7	7	7	0.0346274	1.19985	1.19985	0.502504	1.44705	1.44705	0.0132684	2.02807	2.02807	0.0134445	2.07092	2.07092	0.0760996	1.48399	1.48399	0.0732647	2.12807	2.12807	0.0208831	1.84924	1.84924	0.539558	1.41833	1.41833	2.90759	1.44827	0.315546	1
cg24113782	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.0738323	0.0990962	0.6245	-1.60128	0.987383	1.00413	1.00413	0.0148531	2.18548	2.18548	0.428256	1.23493	1.23493	0.663821	0.580558	1.72218	0.753366	1.08572	1.08572	0.0784473	1.66533	1.66533	0.576536	1.15859	1.15859	0.370551	1.786696	-1.27114	2.90756	3.13488	0.958384	1
cg20390450	OBSCN;OBSCN	0.0738334	0.711277	0.894279	-1.11822	0.796727	1.08067	1.08067	0.412369	0.777331	-1.28645	0.628968	1.15757	1.15757	0.00304043	0.295191	-3.38764	0.0490567	0.509012	-1.96459	0.370346	0.758453	-1.31847	0.396351	1.29828	1.29828	0.699005	1.12345	1.12345	2.90754	4.15938	1.2716	1
cg01593968	PCDHA2;PCDHA3;PCDHA4;PCDHA5;PCDHA6;PCDHA7;PCDHA8;PCDHA9;PCDHA10;PCDHA11;PCDHA12;PCDHA13;PCDHB2;PCDHGA1;PCDHGA2;PCDHGA3;PCDHGA4;PCDHGA5;PCDHGA6;PCDHGA7;PCDHGA8;PCDHGA9;PCDHGA10;PCDHGA11;PCDHGA12;PCDHGB1;PCDHGB2;PCDHGB3;PCDHGB4;PCDHGB5;PCDHGB6;PCDHGB7;PCDHGC3;PCDHGC4;PCDHGC5	0.0738347	0.036593	8.24455	8.24455	0.0266021	9.79956	9.79956	0.147297	3.85944	3.85944	0.210936	3.14164	3.14164	0.371508	2.21865	2.21865	0.0422738	7.62663	7.62663	0.0615374	6.22828	6.22828	0.0176574	12.2643	12.2643	0.052589	6.77947	6.77947	2.90752	34.7331	10.6186	1
cg00975876	PRICKLE4	0.0738351	0.0136483	0.388699	-2.57268	0.837835	0.106553	1.06553	0.0457211	0.494729	-2.02117	0.208885	0.663445	-1.50728	0.0385802	0.476075	-2.10051	0.910811	1.03532	1.03532	0.837231	0.77304	-1.29357	0.0153837	1.06651	1.06651	0.281081	0.706796	-1.41484	2.90752	4.41796	1.35066	1
cg25326980	ZIM3	0.0738353	0.309517	1.33894	1.33894	0.0955127	1.25698	1.25698	0.0134299	1.31536	1.31536	0.0987757	1.41723	1.41723	0.139651	0.929446	-1.07559	0.354844	1.97291	1.97291	0.0494117	2.02453	2.02453	0.0194973	0.198063	-5.0489	0.11197	0.155422	-6.43409	2.90752	18.9791	6.51805	1
cg09443484	C11orf41	0.0738371	0.0390517	0.220326	-4.53872	0.926944	0.943577	-1.0598	0.759818	1.21433	1.21433	0.88241	0.910526	-1.09827	0.0116499	0.135787	-7.36448	0.82968	1.872472	-1.14617	0.0276323	0.192206	-5.20275	0.495162	1.5506	1.5506	0.0666833	0.271958	-3.67704	2.90748	18.4677	5.64604	1
cg06047700	TNKS	0.0738374	0.157429	1.64851	1.64851	0.406183	0.755049	-1.32442	0.108794	0.560846	-1.78302	0.252301	1.48497	1.48497	0.0074633	1.12376	1.12376	0.201733	0.640355	-1.56163	0.500592	0.799763	-1.25265	0.496834	0.796041	-1.25622	0.375508	0.940482	-1.05321	2.90748	0.53426	1.5391	1
cg05970398	SMARCAD1;SMARCAD1;SMARCAD1	0.0738381	0.374142	0.804055	-1.24357	0.379705	0.845407	-1.11788	0.164006	1.20868	1.20868	0.318086	1.13432	1.13432	0.0614586	0.881955	-1.13401	0.503759	1.50374	1.50374	0.0109134	3.44644	3.44644	0.0177112	2.03204	2.03204	0.0153318	2.14051	2.14051	2.90747	0.705026	0.229302	1
cg19340390	WDR86	0.0738382	0.0176777	0.300964	-3.32265	0.0210263	0.315032	-3.17428	0.296759	0.637516	-1.56859	0.300329	0.639786	-1.56302	0.0240547	0.326333	-3.06436	0.0300609	0.345844	-2.89148	0.222447	0.586523	-1.70496	0.904923	1.05098	1.05098	0.19858	0.568155	-1.76008	0.70747	7.97386	2.43782	1
cg00641052	NOD2	0.0738389	0.470254	1.11968	1.11968	0.722282	1.0842	1.0842	0.763182	0.935288	-1.06919	0.185372	1.36444	1.36444	0.044241	1.04551	1.04551	0.950383	1.01387	1.01387	0.964004	0.0360744	1.03552	1.03552	0.940482	1.06311	1.06311	0.598129	1.02435	1.02435	2.90743	0.160055	0.689901	1
cg16752925	HEATR7A;HEATR7A;HEATR7A	0.0738406	0.359637	0.669648	-1.49332	0.531743	1.30956	1.30956	0.0124455	3.7591	3.7591	0.99925	0.9996	-1.0004	0.0159921	0.284876	-3.5103	0.524822	1.760047	-1.31571	0.316012	1.55485	1.55485	0.404066	1.43837	1.43837	0.529943	1.31471	1.31471	2.90743	8.34706	2.55195	1
cg27056880	ERBB2IP;ERBB2IP	0.0738429	0.329953	1.34294	1.34294	0.0956956	0.444284	1.25698	0.0777315	0.955183	-1.04268	0.195408	0.712816	-1.40349	0.0446528	0.827155	-1.20902	0.980555	1.00597	1.00597	0.0669448	1.651	1.651	0.080289	0.622642	-1.60606	0.572484	1.494	1.494	2.90739	2.29166	0.839106	1
cg25251240	FAM18B	0.0738446	0.0250995	5.24417	5.24417	0.9062	1.07607	1.07607	0.0554056	3.86744	3.86744	0.466286	1.58582	1.58582	0.876178	0.907574	-1.18384	0.85115	0.854739	-1.16995	0.879263	1.09515	1.09515	0.0174425	0.94039	0.94039	0.0182764	1.93888	1.93888	2.90736	17.8117	5.4457	1
cg18568838	MRPS10;MRPS10	0.073845	0.355285	0.630031	-1.58722	0.0197049	0.39079	0.39079	0.660468	1.23867	1.23867	0.634851	0.793191	-1.26073	0.400125	1.51913	1.51913	0.753105	0.857214	-1.16657	0.547817	0.744227	-1.34278	0.904666	1.05968	1.05968	0.598159	1.29387	1.29387	1.31994	1.15395	2.82188	1
cg00580280	PLK2	0.0738473	0.0435273	0.185067	-5.40371	0.211186	1.4661	1.4661	0.0159489	1.65635	1.65635	0.122149	1.90853	1.90853	0.0140851	2.04805	2.04805	0.0796319	1.25504	1.25504	0.0200442	2.63218	2.63218	0.0102782	2.75908	2.75908	0.130408	1.36835	1.36835	2.90735	4.14214	0.79199	1.2624	1
cg01259368	HCFC1R1;HCFC1R1;HCFC1R1;THOC7	0.0738476	0.0230602	0.351767	-2.84279	0.361536	1.43417	1.43417	0.284	0.651875	-1.53404	0.106245	0.507533	-1.97031	0.257225	0.634746	-1.57543	0.651827	0.839768	-1.1908	0.00721367	0.26366	-3.7927	0.670975	0.848504	-1.17855	0.0752591	0.466978	-2.14143	2.90732	6.80565	2.08077	1
cg14394265	HOCS	0.0738507	0.593554	0.910131	-1.09874	0.0338758	0.64856	-1.54188	0.450757	0.874252	-1.14384	0.0640079	0.537881	-1.85915	0.251134	0.810909	-1.23318	0.329932	0.838829	-1.19214	0.260888	1.2275	1.2275	0.360319	0.848406	-1.17868	0.0449445	0.668797	-1.49522	2.90727	1.407	0.430188	1
cg11551879	CUX2	0.073853	0.0201322	0.0971697	-10.2913	0.858876	0.860587	-1.162	0.0716464	0.187726	-5.32692	0.966768	0.965945	-1.03526	0.0199617	0.0967363	-10.3374	0.870509	1.14531	1.14531	0.112237	0.237365	-4.21293	0.0373134	0.139787	-7.4634	0.0701343	0.185661	-5.38617	2.90723	31.8466	9.73713	1
cg09280899	TRAPPC9;TRAPPC9	0.0738537	0.0748324	1.5062	1.5062	0.0796	1.07984	1.07984	0.0634283	1.57376	-1.57376	0.277505	1.26254	1.26254	0.0344398	1.58662	1.58662	0.646044	1.10316	1.10316	0.581102	0.949553	-1.34057	0.755807	1.07241	1.07241	0.0974228	0.688984	-1.45564	2.90722	1.0104	0.599869	1
cg13555362	FUBT2	0.0738559	0.456349	0.761328	-1.3135	0.0500154	0.447827	-2.233	0.0238578	0.63581	-1.66294	0.0241897	0.130974	0.130974	0.0214897	0.370525	-2.69887	0.296383	0.677603	-1.47579	0.98589	0.993663	-1.00638	0.534639	0.797681	-1.25363	0.352276	0.710477	-1.40751	2.90718	5.94933	1.81904	1
cg03193417	SMARCC2;SMARCC2;SMARCC2	0.0738573	0.4583132	0.8	0.8	0.0108153	0.566527	0.40644	0.40644	0.0248888	0.33891	0.656184	1.1891	1.1891	0.0156184	1.1891	1.1891	0.0136	0.50609	0.09134	0.09134	0.0109134	0.09134	0.0109134	0.949353	-1.08668	0.0215731	0.698854	-1.43091	0.681642	0.947853	-1.05502	0.215211	1.18457	1.18457	2.90716	0.779235	0.2639	1
cg07044391	FOXH1	0.0738585	0.423165	0.881725	-1.13414	0.023763	0.660178	-1.51474	0.981978	0.996531	-1.00348	0.376925	1.14971	1.14971	0.776572	1.04475	1.04475	0.462996	1.12181	1.12181	0.0068765	1.71335	1.71335	0.983963	1.0031	1.0031	0.351125	1.15911	1.15911	2.90714	1.09006	0.333296	1
cg24191176	SLC5A10;SLC5A10;FAM83G	0.0738593	0.147517	1.44324	1.44324	0.327051	1.26981	1.26981	0.897695	0.970088	-1.03083	0.349416	1.25534	1.25534	0.884497	0.967713	-1.03336	0.067784	1.62094	1.62094	0.00263587	2.67148	2.67148	0.18342	1.39546	1.39546	0.10772	1.51456	1.51456	2.90713	2.5662	0.784645	1
cg24886563	P2RX1	0.0738595	0.5165561	0.8	0.8	0.0108153	0.566527	0.40644	0.40644	0.0248888	0.33891	0.656184	1.1891	1.1891	0.0156184	1.1891	1.1891	0.0136	0.50609	0.09134	0.09134	0.0109134	0.09134	0.0109134	0.949353	-1.08668	0.0215731	0.698854	-1.43091	0.681642	0.947853	-1.05502	0.215211	1.18457	1.18457	2.90716	0.779235	0.2639	1
cg09350891	HEATR4;C14orf169	0.0738622	0.0654949	5.03916	5.03916	0.469081	0.562017	-1.7793	0.89143	0.888672	-1.11275	0.313042	0.442053	-2.26217	0.18776	0.335531	-2.98035	0.0154209	10.2307	10.2307	0.327498	0.453514	-2.205	0.0567137	5.40469	5.40469	0.750807	0.779389	-1.28306	2.90708	28.1768	8.61554	1
cg18688392	ZMZ1	0.0738643	0.934387	0.944182	-1.05918	0.0813285	0.87377	0.87377	0.0577106	0.26929	-3.71312	0.0618284	1.23102	1.23102	0.450255	1.53468	1.53468	0.754495	0.97249	-1.02804	0.924205	1.09033	-1.04066	0.0178055	1.30103	1.30103	0.270705	1.26641	1.26641	0.638878	1.76822	2.90703	0.724721	0.34399	1
cg03355286	SLCO1B3	0.0738644	0.281856	1.14854	1.14854	0.12388	0.813543	-1.22919	0.0117273	0.698269	-1.43211	0.982355	1.00274	1.00274	0.142241	1.22861	1.22861	0.126286	1.22732	1.22732	0.27227	1.28198	1.28198	0.771181	0.964532	-1.03677	0.696548	0.952626	-1.04973	2.90705	0.706039	0.215886	1
cg00256358	GPR119	0.0738649	0.775775	1.14644	1.14644	0.140659	0.464532	-2.1527	0.112565	0.432882	-2.3101	0.209374	0.528319	-1.8928	0.0239371	0.26567	-3.76406	0.0966833	0.412672	-2.42323	0.00510228	0.156839	-6.37597	0.265328	0.571892	-1.74858	0.957263	0.97469	-1.02597	3.11957	11.0674	2.75934	1
cg07774058	BMP2	0.0738652	0.809286	1.02511	1.02511	0.0919955	1.11964	1.11964	0.0410586	1.20026	1.20026	0.138814	1.13753	1.13753	0.0043356	0.676365	-1.47843	0.746	1.03886	1.03886	0.842204	0.120415	-8.30273	0.0163361	0.882762	-1.13297	0.0758087	0.602757	-1.65924	2.90702	0.108287	0.084326	0.148093	1
cg10583499	ASAH1;ASAH1;ASAH1	0.0738654	0.583674	0.8931	-1.11969	0.470903	1.15914	1.15914	0.169295	1.3467	1.34867

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg21205392	MLLT11	0.0739549	0.230438
cg07139317	UBIAD1;UBIAD1	0.073955	0.493719
cg08676242	TMEM120A	0.073955	0.489159
cg24069376	EXOG;EXOG	0.0739555	0.142513
cg19546088	COL23A1	0.0739591	0.544279
cg24880022	GRK1	0.0739596	0.0321865
cg00867273	ROGDI	0.0739632	0.545344
cg00821587	KNDC1	0.0739636	0.351923
cg20699899	LINS1;ASB7;LINS1;ASB7;LINS1;ASB7;LINS1;ASB7	0.0739643	0.886494
cg25586305	DGKD	0.0739646	0.909881
cg23213230	TRIM13;TRIM13;TRIM13;TRIM13;DLEU2	0.0739653	0.0433298
cg08725389	GAR1;GAR1	0.0739656	0.0793022
cg12506597	CLIC1	0.0739673	0.0751536
cg25716740	MBTD1;UTP18	0.0739673	0.807854
cg17213462	HLA-G	0.0739681	0.197956
cg19603134	PARVG;PARVG;PARVG;PARVG;PARVG;PARVG	0.0739691	0.85557
cg02339122	ANKFN1	0.0739698	0.761095
cg01674009	NKPD1	0.0739717	0.0602943
cg23426238	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.0739719	0.0350978
cg00960818	ANXA2P2	0.073972	0.811756
cg12464233	SLC39A1;CREB3L4	0.0739725	0.372687
cg25698978	C18orf22	0.0739732	0.122304
cg04020792	ATP2A2;ATP2A2;ATP2A2	0.0739744	0.94951
cg21045560	BLCAP;BLCAP	0.0739748	0.647949
cg18180407	ACOT11;ACOT11	0.0739751	0.0358526
cg25455438	BCL2L11;BCL2L11;BCL2L11	0.0739753	0.978718
cg25410641	HDAC4	0.0739754	0.933121
cg00615919	HDAC4	0.0739755	0.743418
cg11372696	POLR2G	0.0739792	0.276673
cg05271080	DCAF4L1;DCAF4L1	0.0739804	0.492081
cg14652629	ETS2;ETS2	0.0739819	0.100942
cg02393514	NDP	0.0739829	0.167019
cg20935293	MARCH10;MARCH10	0.0739836	0.0390646
cg00990613	TNFRSF10A	0.0739838	0.0350927
cg19828338	GMDS	0.0739843	0.169761
cg11939631	RUFY1	0.0739856	0.0105939
cg13620526	IRF9;RNF31	0.0739869	0.00584882
cg10121457	FANK1	0.0739872	0.138919
cg19765451	ARHGAP29	0.0739874	0.857571
cg10202994	ZFAND2B	0.0739876	0.0282474
cg11793699	NTRK1;INSRR	0.0739908	0.0384487
cg02600875	GLCCI1;GLCCI1	0.0739925	0.0896131
cg13419792	C19orf66	0.0739934	0.0864293
cg23485738	SKIV2L	0.0739951	0.239562
cg27393573	SEMA3B;SEMA3B	0.0739957	0.824988
cg18668540	C10orf105;C10orf105;CDH23	0.073996	0.0280326
cg05423688	FMNL1	0.0739963	0.0655014
cg14983135	UPP1;UPP1	0.0739971	0.0814275
cg20590110	IQCE;IQCE	0.0739983	0.457848
cg14766563	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.0739984	0.0472215
cg02259284	ALCAM	0.0739991	0.419827
cg01981433	TNFAIP3	0.0739995	0.625817
cg04609126	RHOB	0.074001	0.239175
cg12965421	ACN9	0.0740024	0.0878913
cg14551475	ANO4	0.074004	0.905946
cg03167954	GAS2L1;GAS2L1;GAS2L1	0.0740043	0.682412
cg10398799	EPC1	0.0740045	0.647345
cg09960724	HCCA2	0.0740059	0.509955
cg09989237	HAUS7	0.074006	0.597829
cg14117180	C9orf89	0.074007	0.288604
cg24135606	PFN1	0.0740094	0.177908
cg00876266	CAPS;CAPS	0.0740134	0.432259
cg04404543	ATF7;ATF7	0.0740142	0.595994
cg26554834	PTPRN2;PTPRN2;PTPRN2	0.0740154	0.20178
cg15345743	RASSF3	0.0740185	0.135921
cg07225547	C2orf67	0.0740185	0.885266
cg03084824	TRIM26	0.0740216	0.477025
cg02243785	LPHN2	0.0740241	0.637659
cg03437025	SP1;SP1	0.0740268	0.242575
cg13790796	SLC2A1;SLC2A1	0.0740287	0.11142
cg27599319	FBXW10	0.074029	0.536217
cg03505797	C11orf84	0.0740291	0.357116
cg12589538	TAPBP;TAPBP;TAPBP	0.0740298	0.231741
cg16034546	GPR87;MED12L	0.0740299	0.307413
cg10399865	PCGF3	0.0740304	0.0127975
cg00604209	STK32A;STK32A;STK32A;STK32A	0.0740305	0.185069
cg15754405	NIPSNAP3A	0.0740366	0.505942
cg17973739	LEPRE1;LEPRE1;LEPRE1;LEPRE1;C1orf50	0.0740371	0.0265317
cg17114400	PGM2L1	0.074038	0.0548351
cg21184174	NGF	0.0740381	0.0455445
cg09389160	TUBB	0.0740403	0.224559
cg22260076	TXNDC6	0.0740435	0.478237
cg22997124	SLC2A11;SLC2A11;SLC2A11	0.0740457	0.196343
cg16667251	SPTBN1	0.0740457	0.121101
cg23221013	GATS;GATS;PVRIG;GATS;GATS	0.0740457	0.0464553
cg14989602	ZDHHC2	0.0740462	0.824591
cg07372879	ZCCHC2	0.0740485	0.628283
cg06285475	ASCC1	0.0740491	0.0294686
cg24119045	UHRF2	0.0740495	0.665313
cg08167129	BOD1L	0.0740496	0.0622138
cg24916100	TAF6L	0.0740496	0.122633
cg00540866	ATP5C1;ATP5C1	0.0740513	0.680295
cg17006677	SHF	0.0740536	0.458923
cg07810164	EGFL6;EGFL6	0.0740543	0.0533015
cg16864295	PLD1;PLD1	0.0740572	0.664513
cg14108581	TPO;TPO;TPO;TPO	0.0740576	0.779894
cg20582388	EXT1	0.074059	0.140673
cg20279402	NIPAL3	0.0740596	0.00878607
cg07668052	KDM6B	0.0740597	0.0279408
cg11918124	PITPNM2	0.0740606	0.0705805
cg09184385	INF2;INF2;INF2	0.0740616	0.397905
cg03662217	FAM165B	0.0740619	0.244331
cg05923914	DKFZp779M0652	0.0740637	0.166286
cg00736406	GGA2	0.0740643	0.585071
cg04772241	ZCCHC14	0.0740644	0.925656
cg18759359	KCNQ1;KCNQ1OT1;KCNQ1	0.0740674	0.576535
cg06331359	SGSH	0.0740682	0.206478
cg07467062	BAT3;BAT3;BAT3;BAT3	0.0740691	0.512502
cg19350538	RASGEF1B	0.0740729	0.798916
cg26752701	VRK3;ZNF473;VRK3;ZNF473	0.074073	0.0124783
cg24321297	ST6GALNAC2	0.0740735	0.0849512
cg00364747	XKR6	0.0740748	0.762828
cg27634151	GPR83	0.0740759	0.917031
cg15462221	FLJ10661;FLJ10661;FLJ10661	0.0740769	0.0245997
cg08680102	GRPEL2	0.0740797	0.896924
cg09327847	PRKCB;PRKCB	0.0740798	0.170549
cg17606491	CHST15	0.0740799	0.0328204
cg25494408	CEP97	0.0740801	0.22124
cg19812826	FGF14	0.0740812	0.288328
cg16023600	C5orf46	0.0740815	0.301612
cg02184008	ALX4	0.0740825	0.326021
cg00076653	C1QTNF7	0.0740865	0.298743
cg06265760	NXN	0.0740866	0.620336
cg01283834	UCP1	0.0740874	0.0318947
cg13521170	BCL2	0.0740893	0.853236
cg16557858	ERBB2;ERBB2	0.0740895	0.0913681
cg00694851	RBMS2	0.0740904	0.866649
cg08472449	TANC1;TANC1	0.0740909	0.205692
cg22544571	SLC16A9	0.0740925	0.0462533
cg17598724	ZC3H13	0.0740945	0.131527
cg22533281	LRRC7	0.074095	0.344563
cg08946161	CMIP	0.0740953	0.0650673
cg13795819	GPR17;GPR17;LIMS2;LIMS2;LIMS2;LIMS2;GPR17;LIMS2;GPR17	0.0740968	0.824619
cg26668626	ZNF174;ZNF434;ZNF434;ZNF174	0.0740971	0.0931295
cg08070646	LOC283404	0.0740971	0.594544
cg13387869	NEFM;NEFM	0.0740983	0.861672

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1407 vs. N)	Fold-Change(1 vs.1407)	p-value(1057 vs. 1407)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 1127)	Fold-Change(1217 vs. 1127)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg03146667	NPM1;NPM1;NPM1	0.07400983	0.487908	1.33083	1.03083	0.01146226	1.53913	1.53913	0.272222	1.16858	1.16858	0.207497	0.863098	-1.15862	0.070424	0.943315	-1.06039	0.0653696	0.7541	-1.32608	0.142007	0.806338	-1.24011	0.166312	0.817753	-1.22286	0.782804	1.03839	1.03839	2.00312	0.8544412	0.261602	1
cg10674438	LOC152024	0.07406992	0.385536	0.684217	-1.46153	0.146889	0.51474	-1.94273	0.174844	0.540332	-1.85071	0.0818165	0.27645	0.277645	0.0517692	0.399352	-2.50406	0.934627	1.03561	0.039847	0.362998	-2.57484	0.497725	0.745535	-1.34132	0.0208106	0.305187	-3.27668	0.93331	0.836695	2.56166	1
cg25213107	B3GAT1;B3GAT1	0.0741019	0.327529	1.25074	1.25074	0.0244666	0.552471	-1.81005	0.801481	1.05735	1.05735	1.01907	1.47229	1.47229	0.435681	1.1925	1.1925	0.0249335	1.8053	1.8053	0.116888	0.685857	-1.45803	0.951961	0.986752	-1.01343	0.626069	0.806996	-1.11483	2.90326	2.25321	0.689862	1
cg03240914	TUBB1	0.0741048	0.1564642	0.353072	-2.83237	0.0118408	0.115534	-8.65547	0.0529811	0.220828	4.5284	0.62785	0.191681	-1.39864	0.0946151	0.283135	3.53188	0.0704798	0.249459	-4.00858	0.0111674	0.114808	-8.71023	0.163105	0.359714	-2.77998	0.38903	0.545371	-1.83361	2.90322	21.6894	6.64073	1
cg05075176	NR3C2;NR3C2	0.074107	0.208064	1.93692	0.2269773	3.68597	0.239482	3.82565	0.627693	0.783947	-1.2756	0.0706486	0.366134	2.73124	0.789871	0.875443	-1.14228	0.470188	0.144184	1.112469	0.36468	2.36468	0.246861	1.82779	1.82779	0.39318	1.41064	3.49238	1
cg13707777	AHRR;PDCD6	0.0741088	0.481668	1.11958	1.11958	0.00512509	1.79322	1.79322	0.072968	1.3714	1.3714	0.515824	1.10967	1.10967	0.479885	0.892777	-1.12011	0.151704	0.786404	-1.27453	0.518875	0.900032	-1.11107	0.992635	1.14833	1.14833	0.230846	1.21959	1.21959	0.290315	1.14491	0.351163	1
cg24809059	HCCA2	0.0741116	0.237907	0.452133	-2.21174	0.1818853	0.402572	-2.48403	0.124816	0.344096	-2.90617	0.3836564	0.563515	-1.77458	0.0683374	0.269727	-3.70745	0.0598373	0.255872	-3.9082	0.00474886	0.0900282	-11.1076	0.372694	0.555661	-1.79966	0.35052	1.85329	1.85329	2.90311	18.9543	5.80352	1
cg23627320	FAM184B	0.0741128	0.0915541	0.645168	-1.55043	0.127844	0.470138	1.47038	0.0930306	1.22882	1.22882	0.958911	0.98802	-1.01712	0.138014	0.682256	-1.45395	0.474807	1.18532	1.18532	0.0858707	1.37957	2.17957	0.163842	1.4796	1.4796	0.23258	1.08696	1.08696	2.90309	2.51597	0.770357	1
cg12384374	MICAL1;MICAL1	0.0741132	0.554086	2.894629	-1.11798	0.2315155	1.76607	1.76607	0.3067661	2.03414	0.334394	-1.09962	0.4703139	0.872285	1.14641	1.26565	0.613429	-1.63018	0.274868	1.23536	1.2135	0.864983	0.968834	-1.03127	0.137599	1.34648	1.34648	2.90308	3.5915	0.487297	1
cg03842205	C7orf20	0.0741137	0.192503	1.50963	1.50963	0.0335776	2.09859	2.09859	0.306076	1.3722	1.3722	0.0723525	1.81985	1.81985	0.165154	1.55593	1.55593	0.834188	1.06459	1.06459	0.0190955	0.4287	-2.33263	0.46866	1.24627	1.24627	0.703589	0.89213	-1.12091	2.90307	4.09932	1.25516	1
cg07207813	WWOX	0.0741151	0.62638	1.13598	1.13598	0.1636	0.966264	-1.03491	0.317926	1.21241	1.21241	0.661784	1.01	1.01	0.0012464	1.27184	1.29583	0.679584	1.13686	1.13686	0.175369	1.09099	1.07863	0.894639	1.09099	1.09099	0.188918	0.845978	-1.18515	2.90305	4.3852	1.34271	1
cg04595479	LOC100188947	0.0741156	0.162597	0.434693	-2.30047	0.6070724	0.317569	-3.14893	0.111952	0.380097	-2.63091	0.317401	0.78175	1.78175	0.0568143	0.299766	-3.33594	0.0445203	0.150435	-6.64925	0.0134205	0.0745131	0.204171	0.472893	-2.11465	0.241926	0.504344	-1.98277	0.930241	0.934602	14.3602	4.39699	1
cg07245376	SNED1	0.0741177	0.747061	0.916752	-1.09082	0.0797556	0.934176	-1.68584	0.799692	1.00569	1.00569	0.228877	0.712358	-1.40379	0.0964426	0.563773	-2.24907	0.0625	0.125007	0.0314627	0.507781	-1.96915	0.417928	1.2492	1.2492	0.505475	0.834013	-1.1997	2.90301	3.31701	1.01565	1
cg02255370	EIF2AK4	0.0741189	0.129324	2.963852	2.963852	0.196248	0.404167	-2.47422	0.0147782	2.7698	2.7698	0.0811472	3.60339	3.60339	0.500708	1.57322	1.57322	0.46416	0.610223	-1.63875	0.440281	1.68499	1.68499	0.164299	2.67451	2.67451	0.0313059	5.33745	5.33745	2.90299	20.2071	6.18736	1
cg04689720	FLJ35024;VLDLR;VLDLR	0.0741202	0.653072	0.954192	-1.04801	0.0627249	1.24237	1.24237	0.0315905	1.2985	1.2985	0.684991	1.04317	1.04317	0.636137	1.05008	1.05008	0.221337	1.14249	1.14249	0.0191386	0.746042	-1.34101	0.436518	1.08574	1.08574	0.150587	1.17312	1.17312	2.90297	0.493765	0.151191	1
cg00319595	ADARB1;ACAR1;BCAR1;BCAR1;BCAR1	0.0741204	0.849381	1.08455	1.08455	0.0100429	1.26438	1.26438	0.0153767	1.40375	1.40375	0.0940033	1.47504	1.47504	0.0980777	1.32009	1.32009	0.852435	1.02984	1.02984	0.577009	0.855324	-1.16925	0.155182	0.536439	-1.86414	0.163962	0.544484	-1.83694	0.543919	1.28595	1.28595	0.29297	7.70602	2.35986	1
cg12491176	MAST1	0.0741214	0.417943	0.640927	-1.56024	0.0880574	2.75009	2.75009	0.701094	1.23032	1.23032	0.00659956	6.65565	6.65565	0.229633	0.50792	-1.96882	0.738422	0.835173	-1.19736	0.323772	0.578283	-1.72926	0.6396	0.776111	-1.28848	0.109711	2.5526	2.5526	2.90295	13.2791	4.06608	1
cg18558859	Clorf64	0.0741234	0.343809	0.80925	-1.23571	0.368382	1.22203	1.22203	0.162181	1.38494	1.38494	0.644281	1.56017	1.56017	0.844008	1.04368	-1.04368	0.147571	1.40106	1.40106	0.0097577	0.546519	-1.82976	0.820093	0.651764	-1.05068	0.0908087	0.667417	-1.49831	2.90292	2.16557	0.661308	1
cg08694756	C2orf54	0.0741242	0.766841	1.13494	1.13494	0.120225	0.497658	-2.00941	0.0507665	0.599342	-2.50412	0.685048	1.58956	1.58956	0.0444782	0.199441	-5.00141	0.626803	0.817121	-1.23195	0.0800923	0.437517	-2.28502	0.464842	0.696618	-1.43551	0.0537354	0.904721	0.932821	2.53138	1
cg08417804	ABL1	0.0741245	0.941881	1.01498	1.01498	0.0158744	0.607803	-1.64527	0.611883	0.900906	-1.10999	0.586653	0.894077	-1.11847	0.358946	0.824993	-1.21213	0.00256642	0.426227	-2.34617	0.104885	0.696674	-1.43539	0.875832	0.968612	-1.03241	0.920372	1.0206	1.0206	2.9029	1.91233	0.585569	1
cg00705128	NARF;NARF;NARF;NARF	0.0741263	0.927104	0.98606	-1.01414	0.2207792	1.03567	1.03567	0.248092	1.18391	1.18391	0.0182132	0.644152	-1.55233	0.070946	1.06727	1.06727	0.0716092	0.734271	-1.36169	0.0112826	0.616553	-1.6222	0.91667	1.0688	-1.02087	0.0138397	1.0688	1.0688	2.90287	1.08197	0.33131	1
cg01021146	MFSD4	0.0741263	0.0771215	1.77548	1.77548	0.824538	0.9372	-1.06701	0.6156643	1.15934	1.15934	0.648522	1.12672	1.12672	0.0519252	1.90786	1.90786	0.411273	1.27814	1.27814	0.00221255	1.49957	3.49957	0.857973	1.17427	1.17427	0.485961	1.22972	1.22972	2.90287	3.92234	1.20106	1
cg27433088	GAUNT7	0.0741268	0.0744409	0.63212	-1.58225	0.0703758	0.0501	-1.99601	0.0209167	0.536534	-1.86483	0.103771	0.321947	-3.10561	0.0281983	0.354975	-2.81842	0.0077	0.0382	-26.1781	0.0025195	0.183425	-5.45383	0.0139	-71.9855	0.0042	-238.095	0.0139	-71.9855	0.0042	-238.095	0.0139	-71.9855	2.90285	18.4008	5.71743	1
cg15633981	TAPBP;TAPBP;TAPBP	0.0741278	0.178439	1.760646	-1.31467	0.242267	0.791204	-1.2639	0.821429	1.04421	1.04421	0.00793089	0.521253	-1.91846	0.637958	0.913291	1.09494	0.882746	1.02865	1.02865	0.00673856	0.51055	-1.95867	0.844406	0.963096	-1.03832	0.621593	0.90918	1.09989	2.90285	1.68363	0.51555	1
cg25768108	EIF3H	0.0741281	0.0123186	0.246167	-4.06228	0.608453	0.2616	1.2616	0.0456861	0.356864	-2.80219	0.0210242	0.0405	0.575163	-1.73864	0.712115	0.846509	0.415369	0.150082	1.35062	0.0209167	0.286545	-3.48086	0.438244	1.42704	1.42704	0.689156	0.834573	-1.19822	2.90285	9.29922	2.84754	1
cg04379348	RSPH6A;SYMPK	0.0741291	0.0796102	0.313249	0.06048	0.8183875	1.12554	1.12554	0.109356	0.648406	1.03272	0.0533466	0.65375	0.653754	-1.52958	0.434642	0.991573	-1.00854	0.0796772	2.2551	0.0199404	0.209263	4.7784	0.202083	0.458	-2.18355	0.0240403	0.457	-2.18811	0.0240403	0.457	-2.18811	0.0240403	0.457	-2.18811	2.90284	0.948644	0.210818	1
cg20810975	ITGA2B	0.0741294	0.113321	0.647956	-1.54331	0.5592575	1.16032	1.16032	0.0663791	0.595417	-1.67949	0.0102606	0.442753	-2.2586	0.861399	0.956947	-1.04499	0.895884	0.967567	-1.03352	0.155566	1.46618	1.46618	0.849952	0.953427	-1.04885	0.0519117	0.572394	-1.74538	2.90282	2.95146	0.892758	1
cg06134171	DSCAML1	0.0741313	0.983646	0.990393	-1.00755	0.0380257	0.980074	-1.02023	0.4605671	1.38494	1.38494	0.644281	1.56017	1.56017	0.844008	1.04368	-1.04368	0.913066	1.01944	1.01944	0.00978759	1.77482	1.77482	0.0109547	2.14559	2.14559	0.0158354	1.61318	1.61318	2.76825	0.994042	0.419524	1
cg01581111	RBM18;RBM18;MRRF;RBM18;MRRF	0.0741339	0.0800343	2.796213	-3.57637	0.2987996	0.493318	-2.02709	0.0577108	0.244625	-4.08793	0.404109	0.571192	-1.75073	0.0133003	0.133645	-7.48251	0.327214	0.514987	-1.9418	0.0258822	0.176584	-5.66302	0.106097	0.24528	0.24528	0.0081201	0.407873	2.00855	2.90275	19.7915	6.06061	1
cg23525941	FAM73F1	0.0741343	0.036997	0.383202	-2.60959	0.119284	0.511986	-1.95318	0.0295871	0.362639	-2.75756	0.0270057	0.354534	-2.8206	0.0733295	0.453491	-2.20512	0.0628268	0.445542	-2.24446	0.0912325	0.478728	-2.08887	0.031512	0.368332	-2.71494	0.115118	0.507417	-1.97077	2.90275	7.20953	2.20773	1
cg27537453	KCTD5	0.0741363	0.977304	0.98606	-1.01414	0.2207792	1.03567	1.03567	0.248092	1.18391	1.18391	0.0182132	0.644152	-1.55233	0.070946	1.06727	1.06727	0.637925	1.02656	1.02656	0.0760274	0.602364	1.66355	0.0872	1.4695	1.4695	0.119862	1.1068	1.1068	2.90274	1.08197	0.33131	1
cg21607030	EYA4;EYA4;EYA4	0.0741357	0.404929	0.853183	-1.17208	0.323386	1.20931	1.20931	0.53513	0.838549	-1.12415	0.0843239	1.87165	1.87165	0.194728	1.05504	1.05504	0.710349	1.07198	1.07198	0.0368447	0.636481	-1.57114	0.191748	0.77298	-1.2937	0.441704	1.1574	1.1574	2.90272	1.59612	0.488774	1
cg06191810	AMD8	0.0741369	0.5656902	1.0852	1.0852	0.3023772	1.7705	1.7705	0.3506554	2.02405	0.6401	0.64185	1.56	1.56	0.7	1	1	?	0.565535	0.583268	-1.71448	0.887013	0.87708	-1.14013	0.5	2	0.5	2	0.5	2	2.90272	1.5	0.5	1
cg04953015	CHRNA2	0.074144	0.1214	0.391796	-2.55235	0.0217755	0.215135	-4.64825	0.00829336	0.152105	-6.57441	0.330911	0.571339	-1.75028	0.0666274	0.317414	-3.15046	0.13399	0.405857	-2.46392	0.072104	0.326253	-3.0651	0.059798	0.305719	-3.27097	0.195991	0.466283	-2.14462	2.90259	24.3123	4.383	1
cg05285589	CMIP;CMIP	0.0741444	0.0348884	0.622656	-1.60551	0.104436	0.710508	-1.40744	0.228679	0.784061	-1.27541	0.605914	1.10541	1.10541	0.325549	0.822447	-1.21588	0.12081	1.3826	1.3826	0.0720886	1.47192	1.47192	0.0662292	0.672509	-1.48697	0.731576	0.935486	-1.06855	2.90259	1.70452	0.521994	1
cg14392181	FBXL1	0.0741445	0.216526	1.37906	1.37906	0.2923159	0.785488	1.05091	1.05091	0.605081	1.65154	0.0854654	0.788697	1.26797	0.0437387	0.631386	1.58364	0.689194	1.23245	1.23245	0.177944	1.22659	1.73975	0.0402083	0.646494	1.54724	0.0451697	0.731773	1.73173	0.842581	1.0638	1.0638	2.90259	4.44223	1.33223	1
cg12253318	AKAP8L	0.0741445	0.839294	1.03544	1.03544	0.958074	0.989489	-1.01062	0.0681829	1.41942	1.41942	0.118854	1.33685	1.33685	0.00985558	1.74958	1.74958	0.121666	0.750144	-1.33308	0.492168	0.887241	-1.12709	0.940777	1.01282	1.01282	0.209336	0.796975	-1.25474	2.90258	1.35208	0.414062	1
cg14705961	MPV17	0.0741455	0.908886	0.990461	-1.01002	0.554957	0.956217	-1.04579	0.338206	1.08096	1.08096	0.0166166	2.01626	2.01626	0.0178542	0.496114	-2.01507	0.832321	1.10413	1.10413	0.0324776	0.921229	-1.08547	0.0768018	1.02127	1.02127	0.0464008	1.11991	1.11991	2.90255	1.07048	0.356153	1
cg22679945	CSMD3;MIR2053;CSMD3;CSMD3	0.074148	0.94586	1.01155	1.01155	?	0.0120276	0.588758	-1.69849	0.759603	0.949415	-1.05328	0.866229	1.02892	0.028292	0.528291	1.14111	1.14111	0.0341351	1.51911	0.55745	0.818194	-1.2222	0.143216	0.765436	1.30641	2.9396	1.18373	0.402685	1
cg08755532	KCNIP3	0.07415	0.147255	0.61847	-1.61689	0.118492	0.59237	-1.68814	0.0347405	0.467449	-2.13927	0.348199	1.34771	1.34771	0.0329575	0.462733	-2.16107	0.0173964	0.408738	-2.44656	0.0649801	0.527165	-1.89694	0.601902	0.849916	-1.17659	0.262812	0.697184	-1.43434	2.9025	4.38819	1.34388	1
cg11145633	SMEB4	0.0741456	0.944166	1.05965	1.05965	0.3746446	0.972515	-1.02855	0.2855	0.700241	-1.42813	0.0172411	0.529455	1.88825	0.0178547	0.70241	-1.42337	0.94	1.04015	1.04015	0.48309	0.970241	-1.03095	0.759857	0.58762	2.58762	0.706355	1.14809	2.90248	0.65559	1.88313	1
cg18600035	TAX1BP1;TAX1BP1	0.0741515	0.583251	0.910179	-1.09869	0.169242	2.28243	2.28243	0.0747587	1.40094	1.40094	0.110117	0.743948	-1.34418	0.724464	1.06196	1.06196	0.00665157	0.549809	-1.81881	0.873803	1.02759	1.02759	0.507027	0.89538	-1.11684	0.699687	0.936282	1.06802	2.90247	1.32627	0.406173	1
cg01174140	SCGB3A1	0.0741522	0.113786	3.72067	3.72067	0.0441649	0.2355	1.2355	0.0499207	0.49519	-2.01909	0.0206976	0.2353	-4.25013	0.0499207	0.49519	-2.01909	0.0206976	0.2353	-4.25013	0.0499207	0.49519	-2.01909	0.0206976	0.2353	-4.25013	0.0499207	0.49519	-2.01909	0.0206976	0.2353	-4.25013	0.0499207	0.49519	-2.01909	2.90247	0.733664	1.18124	0.182124	0.0239917	0.268954	-3.7181	0.336966	0.617058	-1.62059	0.702145	0.829119	-1.2061	0.92041	10.9331	3.34834	1
cg08643950	MYOM2	0.0741553	0.044847	0.325317	-3.07392	0.0306601	0.289863	-3.4499	0.240152	0.549233	-1.82072	0.132336	0.452913	-2.20793	0.0135552	0.22538	-4.43694	0.0955172	0.12032	8.31012	0.0016598	0.0995985	10.0422	0.0158	0.063331	15.7873	0.0019	526.316	0.0158	63.2911	0.0019	526.316	0.0158	63.2911	2.90247	0.0360677	0.129502	0.0239917	0.268954	-3.7181	0.336966	0.617058	-1.62059	0.702145	0.829119	-1.2061	0.92041	10.9331	3.34834	1
cg25612225	PRS27	0.0741562	0.125952	0.619107	-1.61509	0.0216739	0.232128	2.58243	0.0247587	0.40094	-2.49434	0.0110117	0.743948	-1.34418	0.724464	1.06196	1.06196	0.00665157	0.549809	-1.81881	0.873803	1.02759	1.02759	0.507027	0.89538	-1.11684	0.699687	0.936282	1.06802	2.90247	1.32627	0.406173	1
cg00598600	LONRF1	0.0741564	0.322506	0.665497	-1.50262	0.184784	1.94137	1.94137	0.27479	1.57267	1.57267	0.946378	1.00716	1.00716	0.0271231	0.599064	-1.66927	0.828058	1.09056	1.09056	0.0807105	0.258721	-3.86517	0.102127	0.490224	-2.0398	0.0183712	0.528366	-1.89263	2.90239	1.29881	2.23534	1
cg05934127	ZNF611;ZNF611;ZNF611;ZNF611	0.0741572	0.594917	0.922804	-1.08365	0.216997	1.21465	1.21465	0.364434	1.14972	1.14972	0.355568	1.15288	1.15288	0.86062	0.974034	-1.02666	0.729802	0.94942	-1.05327	0.00183057	1.9402	1.9402	0.463684	0.894352	-1.11813	0.809711	1.03677	1.03677	2.90238	1.03012	0.315486	1
cg16557789	NAA30	0.0741575	0.879863	1.01881	1.01881	0.0752777	1.30963	1.30963	0.0288075	1.14848	1.14848	0.0552654	1.37577	1.37577	0.113202	0.789	-1.26733	0.738386	1.02529	1.02529	0.0893637	0.852721	-1.17272	0.926564	1.07296	1.07296	0.0603136	1.07296	1.07296	2.90238	1.07296	0.364492	1
cg17730841	FLJ26850	0.0741599	0.614566	0.884764	-1.13024	0.0215612	0.51402	-1.94545	0.0171063	0.496179	-2.0154	0.0754872	0.620556	-1.61146	0.840432	1.04981	1.04981	0.354961	0.794969	-1.25791	0.0178375	0.499371	-2.00252	0.321372	1.09018	1.09018	0.297688	0.770807	-1.29734	2.90234	2.67261	0.818531	1
cg03234901	C2orf89	0.0741604	0.0627081	0.387636	-3.57115	0.3932055	0.574737	-1.75981	0.0378955	0.21774	-4.59262	0.0944212	0.312343	-3.20056	0.0481932	0.299534	-4.17407	0.293345	0.501422	1.99433	0.0112467	0.153852	-7.47092	0.191964	0.418817	-2.38768	0.0255741	0.618401	-1.61729	2.90233	3.16743	0.546284	1
cg20744620	CS	0.0741694	0.0603478	0.709375	-1.40969	0.388176	0.864434	-1.15416	0.481115	1.1234	1.1234	0.976707	1.00474	1.00474	0.244919	1.21795	1.21795	0.205815	0.805455	-1.24153	0.0142515	0.612603	-1.63238	0.496922	1.1181	1.1181	0.0277755	1.37406	1.37406	2.90219	1.20783	0.369937	1
cg02930963	C1orf70	0.0741694	0.164312	0.571135	-1.7509	0.0552779	0.27089	-2.70789	0.178659	0.583122	-1.71491	0.212604	0.609236	-1.6414	0.0732772	0.536305	-1.86469	0.449466	0.771996	-1.29534	0.148446	0.765114	-1.30675	0.0726833	0.676154	-1.47934	0.0766348	0.916733	-1.09083	2.90219	6.54951	2.006	1
cg02672678	NCBP2;LOC152217;NCBP2	0.0741705	0.0586791	1.23926	1.23926	0.0257057	1.38237	1.38237	0.0413386	1.59654	1.59654	0.0178857	1.52304	1.52304	0.0178857	1.52304	1.52304	0.0178857	1.52304	1.52304	0.0178857	1.52304	1.52304	0.0178857	1.52304	1.52304	0.0178857	1.52304	1.52304	0.0178857	1.52304	1.52304	0.0178857	1.52304	1.52304	0.0178857	1.52304	2.90217	0.0949005	1.00948	0.0653487	1.26539	1.26539	0.0427017	0.0749055	0.182256	1
cg19742736	TBC1D20	0.0741706	0.632557	0.797346	-1.25416	0.117643	0.449817	-2.22312	0.62542	0.808033	-1.23757	0.7238	0.846361	-1.18153	0.0295574	0.29984	-3.33511	0.138404	0.472377	-2.11695	0.00485908	0.172815	-5.78654	0.291882	1.6722	1.6722	0.482884	0.715149	-1.39831	2.90217	10.159	3.11154	1
cg05976500	NTN1	0.0741709	0.0367913	0.340916	-2.93128	0.0754689	0.415664	-2.40579	0.645195	2.285	2.285	0.171843	0.524523	-1.9065	0.4409907	0.705683	-1.41707	0.640316	0.811576	-1.23217	0.0003701	0.455269	-2.19615	0.0706885	0.418011	-2.39228	0.0184473	0.532956	-1.87633	2.90216	0.90462	2.77084	1
cg14540849	GRID2IP	0.0741711	0.964657	1.0089	1.0089	0.0123272	0.553365	-1.8644	0.229954	0.777415	-1.28631	0.607505	1.10912	1.10912	0.410024	0.843401	-1.18568	0.0575735	0.53614	1.53614	0.0306401	0.161164	0.875541	0.103973	0.161164	0.875541	0.103973	0.161164	0.875541	0.103973	0.161164	0.875541	0.103973	0.161164	0.875541	0.103973	2.90216	0.183664	0.562535	1
cg09151061	ZNF366	0.0741726	0.0678757	0.639947	-1.56263	0.604579	1.12077	1.12077	0.29617	1.26672	1.26672	0.3106	0.795334	-1.25733	0.139233	0.706557	-1.41531	0.140596	0.707526	-1.41337	0.0583944	1.59488	1.59488	0.0594051	1.59117	1.59117	0.284754	1.27446	1.27446	2.90214	2.18971	0.67068	1
cg11780096	RBM45	0.0741728	0.976802	1.00139	1.00139	0.0126739	0.232128	2.58243	0.0247587	0.40094	-2.49434	0.0110117	0.743948	-1.34418	0.724464	1.06196	1.06196	0.00665157	0.549809	-1.81881	0.873803	1.02759	1.02759	0.507027	0.89538	-1.11684	0.699687	0.936282	1.06802	2.90214	1.32627	0.406173	1
cg17113856	PPT2;PRRT1;PPT2	0.0741758	0.405257	1.29065	1.29065	0.136933	1.61616	1.61616	0.0076444	2.79388	2.79388	0.0297724	2.15183	2.15183	0.95045	0.99642	-1.00359	0.493255	1.23181	1.23181	0.231324	1.45672	1.45672	0.436269	0.788223	1.26868	0.037969	2.05633	2.05633	2.90209	4.12646	1.2639	1
cg10978983	CHRNA10	0.0741784	0.0813442	0.638343	-1.56648	0.0958	0.19538	-5.11966	0.0176258	0.197636	-5.06054	0.0295126	0.18388	-5.43802	0.0176258	0.197636	-5.06054	0.0295126	0.18388	-5.43802	0.0176258	0.197636	-5.06054	0.0295126	0.18388	-5.43802	0.0176258	0.197636	-5.06054	0.0295126	0.18388	-5.43802	0.0176258	0.197636	-5.06054	0.0295126	2.90209	0.543495	1.1515	0.326041	0.0222328	0.805083	1.24176	0.0150328	0.664903	1.50379

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12747410	MS4A15;MS4A15	0.0742835	0.0231725	0.434805	-2.29988	0.285356	0.711446	-1.40559	0.0294555	0.455328	-2.19622	0.347271	1.34572	1.34572	0.256019	1.43876	1.43876	0.5751	1.18978	1.18978	0.920954	0.970006	-1.03092	0.029533	0.455557	-2.19511	0.630657	0.861885	-1.16025	2.90038	4.32409	1.32522	1
cg14519036	TNKS2	0.0742838	?	?	?	0.0932979	0.424984	-2.35303	0.40519	1.47744	1.47744	0.145727	0.48615	-2.05698	0.00986475	0.212959	-4.69574	0.549618	1.31914	1.31914	0.254504	1.72806	1.72806	0.305829	0.614583	-1.62712	0.367331	1.52908	1.52908	3.14777	9.0482	2.51517	1
cg07946633	FLJ42875;PRDM16;FLJ42875;PRDM16	0.0742841	0.226284	1.78488	1.78488	0.3946	0.671933	-1.48824	0.492253	1.37443	1.37443	0.516273	0.740735	-1.35001	0.105391	2.24056	2.24056	0.749025	0.863842	-1.15762	0.0107321	4.31444	4.31444	0.0482375	0.357245	-2.7992	0.517095	0.741183	-1.34919	2.90037	9.55131	2.92723	1
cg05548956	ADAMTS18	0.074285	0.0767455	0.539252	-1.85442	0.00924095	0.354685	-2.8194	0.0430335	0.481694	-2.07601	0.442186	0.782041	-1.2787	0.169282	0.631656	-1.58314	0.200922	1.52773	1.52773	0.543506	1.21279	1.21279	0.185663	0.643848	-1.55316	0.568516	0.834586	-1.1982	2.90035	4.52135	1.38569	1
cg08784934	DIP2C	0.0742859	0.202966	0.697422	-1.43385	0.749547	1.08967	1.08967	0.134222	1.54193	1.54193	0.145811	1.52	1.52	0.0358927	0.519694	-1.92421	0.708933	0.904346	-1.10577	0.624938	0.876247	-1.14123	0.0219851	2.0891	2.0891	0.217094	1.41653	1.41653	2.90034	3.30247	1.01213	1
cg23922433	TAPBP;TAPBP;TAPBP	0.0742864	0.84636	0.889416	-1.12433	0.0153561	6.03362	6.03362	0.0174807	5.74009	5.74009	0.997743	1.00171	1.00171	0.0612729	0.279735	-3.57481	0.761223	0.831838	-1.20216	0.48428	0.650906	-1.53632	0.626693	1.34462	1.34462	0.923005	0.943273	-1.06014	2.90033	16.7636	5.13769	1
cg03551401	ADCY8	0.0742897	0.120961	2.52676	2.52676	0.0104463	5.91182	5.91182	0.0523946	3.37366	3.37366	0.218831	2.03984	2.03984	0.380783	1.64139	1.64139	0.0981189	2.71852	2.71852	0.259101	0.522575	-1.9136	0.104178	2.6624	2.6624	0.509213	0.691365	-1.44641	2.90028	13.9566	4.27749	1
cg08808904	SPTBN4;SPTBN4	0.0742909	0.505517	1.30152	1.30152	0.00409654	4.49241	4.49241	0.0986465	2.02665	2.02665	0.436801	0.733869	-1.36264	0.4643	0.747873	-1.33713	0.429004	1.37017	1.37017	0.131791	1.88615	1.88615	0.120553	1.92858	1.92858	0.669749	0.845906	-1.18216	2.90026	6.98882	2.14198	1
cg26962595	STARD10	0.0742925	0.006344	0.467463	-2.13921	0.785847	1.06001	1.06001	0.372562	1.21641	1.21641	0.324487	1.24327	1.24327	0.660849	0.909845	-1.09909	0.267075	1.28073	1.28073	0.032702	0.585795	-1.70708	0.762906	0.937306	-1.06689	0.705171	1.08474	1.08474	2.90023	2.10356	0.644718	1
cg09039206	CISD1;IPMK	0.0742937	0.601375	0.913244	-1.095	0.22428	1.24581	1.24581	0.0435052	1.49136	1.49136	0.35081	1.17979	1.17979	0.752448	1.05599	1.05599	0.0350652	0.655229	-1.52618	0.0306297	0.64579	-1.54849	0.554349	1.10846	1.10846	0.339041	0.843947	-1.18491	2.90022	1.36157	0.417308	1
cg01637551	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0742973	0.798978	1.06342	1.06342	0.106149	0.653657	-1.52986	0.032922	1.82414	1.82414	0.115869	0.662473	-1.5095	0.656254	1.11398	1.11398	0.317622	0.779661	-1.28261	0.0199581	0.508277	-1.96743	0.385787	0.807166	-1.2389	0.397737	1.23199	1.23199	2.90016	2.6665	0.817274	1
cg10647704	AHNAK	0.0742973	0.00957553	0.371407	-2.69246	0.825564	0.935529	-1.06891	0.932612	1.02586	1.02586	0.237926	0.688494	-1.45244	0.331768	0.7391	-1.353	0.127611	0.608118	-1.64442	0.778467	1.08888	1.08888	0.0065597	0.344355	-2.90398	0.490534	0.809416	-1.23546	2.90016	4.18697	1.28329	1
cg11031180	TINF2;TINF2	0.0743	0.199765	1.30892	1.30892	0.588862	0.89723	-1.11454	0.0583059	1.5299	1.5299	0.186182	1.32118	1.32118	0.0106155	1.89376	1.89376	0.0323548	1.64534	1.64534	0.07236	1.48958	1.48958	0.642016	0.911158	-1.0975	0.189284	1.31831	1.31831	2.90012	1.814	0.555993	1
cg21283926	C6orf150	0.074302	0.0465399	0.353346	-2.83008	0.803395	1.12057	1.12057	0.498485	0.730822	-1.36832	0.00604937	0.194712	-5.13578	0.0682678	0.393906	-2.53868	0.0894927	0.425537	-2.34997	0.0528087	0.366228	-2.73054	0.143931	0.488472	-2.0472	0.471237	0.715726	-1.39718	2.90008	9.56563	2.93191	1
cg23205365	EPB41L5	0.0743022	0.0104277	0.330683	-3.02404	0.836486	1.07349	1.07349	0.0614293	0.485261	-2.06075	0.292171	0.68727	-1.45503	0.475016	0.779365	-1.2831	0.349599	0.718635	-1.39153	0.0226263	0.391944	-2.55139	0.0681697	0.496171	-2.01543	0.0428887	0.449489	-2.22475	2.90008	5.40833	1.65768	1
cg03038685	BDH1;BDH1;BDH1	0.0743047	0.0153722	1.36832	1.36832	0.224689	1.14391	1.14391	0.569813	1.06242	1.06242	0.632519	0.950479	-1.0521	0.579256	1.06082	1.06082	0.0941544	1.21411	1.21411	0.0487714	0.78879	-1.26777	0.856711	0.981126	-1.01924	0.0591783	1.25181	1.25181	2.90004	0.510468	0.156463	1
cg17952262	MFSD7	0.0743078	0.360096	1.55475	1.55475	0.973515	0.984549	-1.01569	0.0560845	0.362451	-2.75899	0.973797	1.01552	1.01552	0.665683	1.22617	1.22617	0.0386512	3.07503	3.07503	0.0351456	3.16153	3.16153	0.0241412	3.52944	3.52944	0.699164	1.19978	1.19978	2.89999	10.104	3.09703	1
cg12756527	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.0743103	0.00785994	0.220886	-4.52721	0.0635921	0.397135	-2.51804	0.0304751	0.324336	-3.08322	0.134546	0.489485	-2.04296	0.0636225	0.397187	-2.5177	0.130028	0.484754	-2.0629	0.0631068	0.396298	-2.52336	0.367044	0.663456	-1.50726	0.110657	0.463167	-2.15905	2.89995	9.00444	2.76003	1
cg10736231	TECPR1	0.0743103	0.385629	1.38638	1.38638	0.328073	0.690182	-1.44889	0.588024	0.818	-1.22249	0.863326	1.06533	1.06533	0.603687	1.21211	1.21211	0.889366	1.05245	1.05245	0.00185001	0.197229	-5.07024	0.391828	1.38022	1.38022	0.860559	0.937458	-1.06671	2.89995	6.19653	1.89935	1
cg00547758	MSH2;MSH2	0.0743104	0.139313	0.755685	-1.3233	0.0197459	1.64166	1.64166	0.25786	1.23107	1.23107	0.628022	0.917628	-1.08977	0.739355	1.06055	1.06055	0.500365	0.88653	-1.12799	0.0147774	0.589686	-1.69582	0.516608	1.12275	1.12275	0.987791	0.99731	-1.0027	2.89995	1.42379	0.436417	1
cg02918295	EDEM3	0.074312	0.903485	1.01132	1.01132	0.677943	0.961993	-1.03951	0.367899	1.08961	1.08961	0.449174	1.07418	1.07418	0.142344	1.15759	1.15759	0.538469	1.05949	1.05949	0.00457178	1.41958	1.41958	0.0841279	0.837515	-1.19401	0.382515	0.920262	-1.08665	2.89993	0.395417	0.121204	1
cg22302985	FAM155A	0.0743129	0.980318	0.983071	-1.01722	0.687222	1.32402	1.32402	0.522512	0.637146	-1.5695	?	?	?	0.818903	1.17213	1.17213	0.0046532	0.0544711	-18.3584	0.298383	2.12931	2.12931	?	?	?	0.455556	1.69808	1.69808	3.49338	19.6325	4.81706	1
cg21932452	NOS3	0.0743133	0.229055	0.723961	-1.38129	0.962881	1.01198	1.01198	0.0373862	0.538918	-1.85557	0.0147696	0.464051	-2.15493	0.0195221	0.485613	-2.05925	0.499061	1.19197	1.19197	0.103584	0.634102	-1.57703	0.364883	0.787994	-1.26905	0.125531	0.65424	-1.52849	2.8999	3.00782	0.921968	1
cg04559604	BMP1;BMP1;BMP1	0.0743157	0.492323	0.915464	-1.09234	0.228683	1.17352	1.17352	0.250756	0.85899	-1.16416	0.468509	0.910813	-1.09792	0.598828	1.06955	1.06955	0.00465572	1.6107	1.6107	0.103912	1.25259	1.25259	0.629454	0.94028	-1.06351	0.390574	0.894557	-1.11787	2.89987	0.736773	0.225841	1
ch.3.2456622F	OSBPL11	0.0743161	0.00964635	0.218258	-4.58173	0.0211684	0.275877	-3.62481	0.414654	0.678784	-1.47322	0.291731	0.601502	-1.66251	0.0413863	0.335178	-2.98349	0.329693	0.626627	-1.59585	0.0274234	0.297527	-3.36104	0.567035	0.764256	-1.30846	0.144829	0.483049	-2.07018	2.89986	9.91598	3.03953	1
cg01702905	PCNX	0.0743164	0.868529	1.03471	1.03471	0.00379659	0.447477	-2.23475	0.0661458	0.654099	-1.52882	0.715109	0.927282	-1.07842	0.0472355	0.626511	-1.59614	0.703379	1.08198	1.08198	0.109297	0.697945	-1.43278	0.579304	0.891067	-1.12225	0.398357	0.836871	-1.19493	2.89986	1.94806	0.597136	1
cg10777887	RAB8B	0.0743209	0.0112551	0.231656	-4.31675	0.463578	0.709189	-1.41006	0.114167	0.453159	-2.20673	0.0562007	0.369342	-2.70752	0.109042	0.447114	-2.23657	0.372029	0.655636	-1.52524	0.0447219	0.345979	-2.89035	0.938178	1.03637	1.03637	0.0195662	0.27268	-3.6673	2.89978	9.74337	2.9867	1
cg17954957	ZNF784	0.074322	0.328497	0.801255	-1.24804	0.0243115	0.554466	-1.80354	0.106755	0.679168	-1.47239	0.461166	0.848045	-1.17918	0.3039	0.791415	-1.26356	0.0188692	1.86797	1.86797	0.183857	0.733636	-1.36307	0.494982	1.16443	1.16443	0.610688	0.893332	-1.1194	2.89977	2.21664	0.679486	1
cg01933228	AGL;AGL;AGL;AGL;AGL;AGL	0.0743238	0.105982	0.472243	-2.11755	0.618673	1.23766	1.23766	0.222594	1.72397	1.72397	0.455429	1.38132	1.38132	0.011998	0.264045	-3.78724	0.0993076	0.464067	-2.15486	0.0469563	0.380485	-2.62822	0.210783	0.571038	-1.7512	0.557328	0.777101	-1.28683	2.89974	8.2924	2.54196	1
cg12615148	KISS1	0.0743261	0.380309	0.883417	-1.13197	0.31713	1.15309	1.15309	0.00641838	0.613622	-1.62967	0.570065	1.08227	1.08227	0.0850132	0.769265	-1.29994	0.132932	1.2502	1.2502	0.52358	1.09312	1.09312	0.259566	0.850441	-1.17586	0.919051	0.986095	-1.0141	2.8997	0.871312	0.267096	1
cg15568376	ACTL9	0.0743268	0.0107681	0.193697	-5.16271	0.0739659	0.360488	-2.77401	0.0509468	0.320102	-3.124	0.12827	0.43071	-2.32175	0.0450203	0.307754	-3.24935	0.0267458	0.260634	-3.8368	0.106954	0.405914	-2.46358	0.160852	0.464241	-2.15405	0.178996	0.481237	-2.07798	2.89969	12.0542	3.69518	1
cg14951734	CCNYL1;CCNYL1;CCNYL1;CCNYL1	0.0743287	0.131662	0.767965	-1.30214	0.0322991	1.5018	1.5018	0.0620551	1.40611	1.40611	0.66731	1.07267	1.07267	0.563102	1.09949	1.09949	0.597264	1.09035	1.09035	0.023388	0.644398	-1.55184	0.483781	0.890967	-1.12238	0.755689	0.950626	-1.05194	2.89966	1.20867	0.370517	1
cg08879870	C17orf48;SCO1	0.0743294	0.117275	3.76216	3.76216	?	?	?	0.0569623	0.184767	-5.41223	0.551477	1.59053	1.59053	0.434664	1.8492	1.8492	0.933026	1.06676	1.06676	0.507588	1.67864	1.67864	0.502252	0.59171	-1.69002	0.00986858	0.0740079	-13.5121	3.14692	25.6373	7.12844	1
cg27008230	ABLIM1;ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.074332	0.117965	2.27249	2.27249	0.36328	1.57113	1.57113	0.755357	0.85973	-1.16316	0.209427	1.89591	1.89591	0.0744395	0.382488	-2.61446	0.979144	0.987439	-1.01272	0.0140638	0.230876	-4.33132	0.0824199	0.394446	-2.5352	0.472567	0.702375	-1.42374	2.89961	10.7377	3.2917	1
cg18567174	LBXCOR1	0.074332	0.0421629	27.369	27.369	0.04992	23.5978	23.5978	0.0393553	29.0768	29.0768	0.619668	0.49296	-2.02856	0.238611	0.174659	-5.72543	0.85267	1.3006	1.3006	0.0327694	34.1602	34.1602	0.18994	7.11798	7.11798	0.141133	9.36938	9.36938	2.89961	91.7822	28.1363	1
cg23806259	NR5A2;NR5A2	0.074332	0.0142894	1.99789	1.99789	0.429993	1.20266	1.20266	0.368582	1.23559	1.23559	0.45306	0.839376	-1.19136	0.702958	1.09173	1.09173	0.95321	0.986648	-1.01353	0.109351	0.670379	-1.49169	0.0167398	1.95216	1.95216	0.218134	1.34547	1.34547	2.89961	2.40977	0.738728	1
cg14660125	HERC5	0.0743331	0.235306	0.650104	-1.53822	0.0944755	0.529204	-1.88963	0.683021	1.15274	1.15274	0.00356612	0.254901	-3.92309	0.464162	0.772643	-1.29426	0.0574142	0.475181	-2.10446	0.753813	0.896803	-1.11507	0.997551	0.998938	-1.00106	0.433133	1.31907	1.31907	2.89959	5.50425	1.68736	1
cg17731243	MYT1L	0.0743331	0.662164	1.07652	1.07652	0.649154	0.926062	-1.07984	0.990836	1.00193	1.00193	0.661355	1.07673	1.07673	0.642583	1.08154	1.08154	0.572285	1.10043	1.10043	0.00763048	1.77763	1.77763	0.443353	0.877154	-1.14005	0.0163156	0.611102	-1.63639	2.89959	1.29168	0.395973	1
cg16589260	EGFR;EGFR;EGFR	0.0743335	0.355374	1.45279	1.45279	0.00992798	3.59469	3.59469	0.0847712	2.11458	2.11458	0.699153	1.16481	1.16481	0.559254	0.79296	-1.2611	0.433523	1.36883	1.36883	0.0127091	3.37536	3.37536	0.0891071	2.08875	2.08875	0.14826	1.83901	1.83901	2.89958	7.08724	2.17265	1
cg11645133	FLNA;FLNA	0.0743338	0.32706	1.44604	1.44604	0.485418	0.772275	-1.29488	0.16456	0.582417	-1.71698	0.0157568	0.340073	-2.94054	0.0106164	0.309954	-3.22629	0.135757	0.55651	-1.79691	0.705637	1.14836	1.14836	0.579155	1.22658	1.22658	0.660797	0.851316	-1.17465	2.89958	6.1027	1.87083	1
cg18657389	EVPL	0.0743361	0.302552	0.792621	-1.26164	0.322348	1.24916	1.24916	0.00284969	0.409167	-2.44399	0.786435	0.942613	-1.06088	0.0687071	0.641861	-1.55797	0.341273	0.807834	-1.23788	0.163714	0.723664	-1.38186	0.82811	1.04846	1.04846	0.4882	0.857917	-1.16561	2.89954	2.17468	0.666674	1
cg24624520	TRIP6	0.0743369	0.320986	0.595653	-1.67883	0.0208108	0.24517	-4.0788	0.0409475	0.303616	-3.29363	0.181944	0.488766	-2.04597	0.0588307	0.340181	-2.93961	0.24436	0.540437	-1.85036	0.00771246	0.177356	-5.63838	0.752174	0.852088	-1.17359	0.137538	0.44571	-2.24361	2.89953	11.724	3.59414	1
cg10538151	GRIN1;GRIN1;GRIN1	0.0743371	0.614363	1.1065	1.1065	0.141757	0.730022	-1.36982	0.33791	1.21747	1.21747	0.14223	1.36924	1.36924	0.00521016	0.479834	-2.08406	0.994297	0.998577	-1.00142	0.151885	0.736549	-1.35768	0.677804	1.08678	1.08678	0.421632	0.849155	-1.17764	2.89953	1.82199	0.558556	1
cg23529231	IGDCC3	0.0743378	0.0330977	1.85328	1.85328	0.0322097	1.86107	1.86107	0.37287	1.25424	1.25424	0.284506	0.759345	-1.31692	0.477201	0.836135	-1.19598	0.0711023	0.606992	-1.64747	0.206819	1.39052	1.39052	0.892653	1.034	1.034	0.136182	1.48826	1.48826	2.89952	2.81581	0.863228	1
cg01039876	TGM5;TGM5	0.0743379	0.0946781	0.483344	-2.06892	0.0497677	0.412383	-2.42493	0.0859308	0.471833	-2.11939	0.00966313	0.273596	-3.65502	0.0474034	0.40748	-2.45411	0.133547	0.527021	-1.89746	0.0941052	0.482614	-2.07205	0.0342418	0.376146	-2.65854	0.348721	0.682602	-1.46498	2.89952	7.19433	2.20553	1
cg12391048	PRSS27;PRSS27	0.074338	0.228679	0.749105	-1.33493	0.454975	0.840286	-1.19007	0.265762	1.30365	1.30365	0.434108	1.20021	1.20021	0.00374642	0.408646	-2.44711	0.919199	0.977065	-1.02347	0.724317	0.92222	-1.08434	0.70092	1.09225	1.09225	0.0622681	0.618849	-1.6159	2.89951	2.401	0.736064	1
cg06224017	ACBD7	0.0743384	0.682375	1.18023	1.18023	0.00379974	0.207581	-4.81739	0.0358666	0.374086	-2.67318	0.605113	1.23376	1.23376	0.621421	0.81834	-1.22199	0.564763	0.791028	-1.26418	0.25465	0.619393	-1.61448	0.144716	0.532126	-1.87925	0.631487	1.21485	1.21485	2.89951	7.44833	2.2834	1
cg04818845	PLEKHG5	0.0743385	0.962188	0.99083	-1.00926	0.0160804	0.564152	-1.77257	0.077557	1.46409	1.46409	0.179583	1.31916	1.31916	0.495936	0.874288	-1.14379	0.545837	0.887998	-1.12613	0.647731	0.914484	-1.09351	0.166288	0.750643	-1.33219	0.0649931	1.49578	1.49578	2.89951	1.73404	0.531596	1
cg21623722	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.0743386	0.0905591	0.601941	-1.66129	0.0527333	0.549146	-1.82101	0.417694	0.79817	-1.25287	0.629312	0.875996	-1.14156	0.0214214	0.471249	-2.12202	0.0209574	0.46948	-2.13001	0.505083	0.831857	-1.20213	0.122842	1.57626	1.57626	0.605699	0.867841	-1.15228	2.8995	3.4025	1.04309	1
cg24780236	TAS2R40	0.0743398	0.367148	0.532545	-1.87778	0.0559076	0.229244	-4.36217	0.103745	0.298187	-3.3536	0.0617021	0.239003	-4.18406	0.0180773	0.141862	-7.04911	0.352848	0.521935	-1.91595	0.0254749	0.164342	-6.08486	0.0314802	0.179821	-5.56109	0.0578047	0.232499	-4.30109	2.89948	21.2423	6.5122	1
cg10782206	TGFB3	0.0743398	0.0647406	2.46852	2.46852	0.658392	1.21387	1.21387	0.025624	3.17374	3.17374	0.813163	1.10864	1.10864	0.285926	1.62049	1.62049	0.884439	1.0654	1.0654	0.0288171	3.07374	3.07374	0.0511849	2.63062	2.63062	0.0134602	3.7914	3.7914	2.89948	8.71274	2.67105	1
cg01459132	TRIM59	0.0743432	0.900441	1.04118	1.04118	0.638015	1.16509	1.16509	0.0570931	2.00191	2.00191	0.798358	1.08605	1.08605	0.939007	0.975627	-1.02498	0.317418	0.716605	-1.39547	0.475033	0.791185	-1.26393	0.00432788	3.42011	3.42011	0.0855885	1.84541	1.84541	2.89943	4.77418	1.46364	1
cg05217468	TUBB	0.0743439	?	?	?	0.0112075	0.157196	-6.36149	0.725895	0.814702	-1.22744	0.0261225	0.215095	-4.64911	0.75469	0.833191	-1.20021	0.535677	1.44077	1.44077	0.673842	0.781562	-1.27949	0.038933	0.248636	-4.02194	0.633233	1.32299	1.32299	2.93641	14.013	4.77214	1
cg05705549	C16orf89;C16orf89	0.0743454	0.00974196	0.104134	-9.60302	0.353103	0.516274	-1.93695	0.0452389	0.20403	-4.90124	0.314734	0.487077	-2.05306	0.00955224	0.103211	-9.68891	0.102975	0.291045	-3.43589	0.230046	0.418393	-2.3901	0.13405	0.326923	-3.05883	0.243654	0.429953	-2.32584	2.8994	21.9847	6.74	1
cg21473142	EOMES	0.0743462	0.0111146	0.16192	-6.17591	0.36102	0.584477	-1.71093	0.337403	0.567995	-1.76058	0.682712	1.26498	1.26498	0.0656879	0.306879	-3.25862	0.0147256	0.179614	-5.56751	0.234549	0.490344	-2.03939	0.372385	1.68839	1.68839	0.295086	0.537393	-1.86083	2.89938	15.0205	4.60497	1
cg21441674	LYN;LYN	0.0743471	0.033055	0.26942	-3.71168	0.0911336	0.375618	-2.66228	0.1083	0.397769	-2.51402	0.261895	0.540308	-1.8508	0.0222584	0.236512	-4.22811	0.154755	0.448698	-2.22867	0.0295311	0.259633	-3.85159	0.0166314	0.214633	-4.65911	0.236067	0.520295	-1.92199	2.89937	12.7151	3.8982	1
cg10757684	CRYM;CRYM	0.0743473	0.0785911	1.43607	1.43607	0.198728	0.777559	-1.28608	0.512191	0.884134	-1.13105	0.454677	1.15151	1.15151	0.300101	1.22009	1.22009	0.168527	1.31235	1.31235	0.0171387	0.583797	-1.71293	0.0902058	1.41328	1.41328	0.430945	1.16058	1.16058	2.89937	1.57591	0.483142	1
cg20318166	ALPK3	0.0743483	0.0568683	15.0675	15.0675	0.141335	7.32181	7.32181	0.195562	5.60069	5.60069	0.0971022	9.89327	9.89327	0.0365694	21.2797	21.2797	0.055522	15.3525	15.3525	0.0198769	34.4112	34.4112	0.0246836	28.9832	28.9832	0.0651289	13.5501	13.5501	2.89935	72.7449	22.3023	1
cg06287318	NKX2-2	0.0743484	0.102652	0.58717	-1.70308	0.114759	0.599672	-1.66758	0.100042	1.71137	1.71137	0.197201	0.666004	-1.50149	0.109881	0.594761	-1.68135	0.679664	0.883559	-1.13179	0.219155	0.680254	-1.47004	0.00864116	0.368545	-2.71337	0.224806	0.683767	-1.46249	2.89935	4.08194	1.25145	1
cg06812099	EDC3;EDC3;EDC3	0.0743526	0.306186	1.27915	1.27915	0.113133	0.669866	-1.49284	0.182	0.719505	-1.38984	0.0376082	0.570923	-1.75155	0.350423	1.25025	1.25025	0.0162067	0.5049	-1.98059	0.29082	0.775119	-1.29012	0.241731	1.32943	1.32943	0.900967	1.02935	1.02935	2.89928	2.47966	0.760238	1
cg20096204	MECOM	0.0743529	0.0293146	11.0622	11.0622	0.0359288	9.82361	9.82361	0.30736	2.68938	2.68938	0.119625	4.85996	4.85996	0.312528	0.376034	-2.65933	0.812893	1.24857	1.24857	0.724242	0.717751	-1.39324	0.0121279	18.6803	18.6803	0.737229	1.37063	1.37063	2.89928	40.2491	12.34	1
cg14422782	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.0743534	0.040143	0.3448	-2.90023	0.133276	0.483264	-2.06926	0.0204771	0.285407	-3.50377	0.338203	0.641919	-1.55783	0.015761	0.264891	-3.77513	0.105032	0.451429	-2.21519	0.0552511	0.376922	-2.65307	0.880956	1.0696	1.0696	0.103055	0.448999	-2.22718	2.89927	9.25745	2.83825	1
cg22066186	ACTR3;ACTR3	0.0743573	0.988496	0.997396	-1.00261	0.0774211	1.42613	1.42613	0.300595	1.21405	1.21405	0.239122	0.800173	-1.24973	0.364819	0.845029	-1.18339	0.62464	0.914689	-1.09327	0.022382	0.609682	-1.6402	0.44749	1.15027	1.15027	0.0312474	1.57936	1.57936	2.89921	1.50144	0.460338	1
cg00494761	REEP1;REEP1;REEP1;REEP1;REEP1;REEP1;REEP1	0.0743581	0.23531	0.876233	-1.14125	0.959713	0.994649	-1.00538	0.861	1.01879	1.01879	0.465274	0.924098	-1.08214	0.00361451	0.658106	-1.51951	0.0369711	0.773107	-1.29348	0.42664	1.09005	1.09005	0.898334	1.01367	1.01367	0.555678	1.06536	1.06536	2.8992	0.518101	0.158849	1
cg08560947	UBE3A;UBE3A;UBE3A	0.0743585	0.136502	0.418867	-2.38739	0.0618716	3.12877	3.12877	0.923488	1.05349	1.05349	0.840534	1.11548	1.11548	0.0125631	0.185658	-5.38625	0.391622	0.621186	-1.60982	0.0526713	0.302732	-3.30325	0.587917	1.34551	1.34551	0.241261	0.51405	-1.94533	2.89919	13.5117	4.14268	1
cg14778608	UBE2D1	0.0743594	0.529132	0.86047	-1.16216	0.0169999	0.503594	-1.98573	0.264523	1.31536	1.31536	0.0353221	0.561185	-1.78194	0.0812348	0.634072	-1.57711	0.564513	0.871721	-1.14716	0.0234144	0.528197	-1.89323	0.731048	0.921891	-1.08473	0.172883	0.710429	-1.4076	2.89917	2.55091	0.782111	1
cg25506432	HOXA5	0.0743596	0.340009	0.582256	-1.71746	0.389103	0.615428	-1.62489	0.266274	0.528835	-1.89095	0.336077	1.72554	1.72554	0.126119	0.402438	-2.48485	0.0489077	0.290305	-3.44465	0.00368391	0.115441	-8.66245	0.530431	0.705021	-1.4184	0.143321	0.421052	-2.37501	2.89917	13.8896	4.25856	1
cg18503679	ZNF385D;ZNF385D	0.0743597	0.169331	2.0074	2.0074	0.309953	0.606506	-1.64879	0.378981	1.5366	1.5366	0.353445	1.57523	1.57523	0.0305562	0.298344	-3.35184	0.107692	0.433658	-2.30597	0.0166449	0.248689	-4.02109	0.905341	1.05825	1.05825	0.74197	1.17029	1.17029	2.89917	10.4008	3.18889	1
cg18345635	SLC16A3;SLC16A3	0.0743621	0.118964	1.5521	1.5521	0.614385	0.876364	-1.14108	0.564064	1.16356	1.16356	0.713611	1.10049	1.10049	0.260467	0.737193	-1.3565	0.227087	0.719333	-1.39018	0.0604188	1.73339	1.73339	0.00849145	2.39341	2.39341	0.168221	1.46445	1.46445	2.89913	3.09866	0.950065	1
cg23026543	AUTS2;AUTS2	0.074363	0.0230685	0.190088	-5.26073	0.00908136	0.131919	-7.58041	0.0789174	0.303602	-3.29378	0.665645	0.766719	-1.30426	0.0299996	0.210196	-4.75746	0.194461	0.432299	-2.31321	0.24635	0.476778	-2.09741	0.955684	0.966616	-1.03454	0.123061	0.360333	-2.77521	2.89912	17.1402	5.2553	1
cg20091128	NT5DC3;NT5DC3	0.0743644	0.0806136	0.568466	-1.75912	0.0812025	0.569221	-1.75679	0.530347	0.830872	-1.20355	0.0382187	0.496519	-2.01402	0.00398471	0.323588	-3.09035	0.299105	0.730744	-1.36847	0.529978	0.83073	-1.20376	0.927682	1.02681	1.02681	0.811239	1.07223	1.07223	2.89909	3.90108	1.19611	1
cg16976370	GABRA4	0.074365	0.564157	1.24503	1.24503	0.645492	1.19021	1.19021	0.182352	1.70241	1.70241	0.967596	0.984845	-1.01539	0.00496534	0.247045	-4.04785	0.176582	0.58273	-1.71606	0.845624	0.929341	-1.07603	0.338008	1.44961	1.44961	0.13502	1.8325	1.8325	2.89909	6.48854	1.98945	1
cg08384155	SYNPO2;SYNPO2;SYNPO2	0.074365	0.177864	0.690572	-1.44808	0.0135781	2.2028	2.2028	0.131976	0.656773	-1.5226	0.547704	0.854434	-1.17037	0.136714	0.660635	-1.51369	0.238533	0.726715	-1.37606	0.383089	1.26022	1.26022	0.320775	1.30378	1.30378	0.161927	0.679652	-1.47134	2.89908	3.07013	0.941332	1
cg20558369	ALOXE3;ALOXE3	0.0743658	0.0673927	1.7599	1.7599	0.410843	1.26105	1.26105	0.0964527	0.604492	-1.65428	0.123127	1.58513	1.58513	0.607165	1.15376	1.15376	0.0481793	0.53645	-1.86411	0.109201	0.617714	-1.61887	0.131241	1.56737	1.56737	0.914962	1.0299	1.0299	2.89907	3.49253	1.07085	1
cg20025677	HSP90AB1	0.0743674	0.100032	0.524608	-1.90618	0.041287	2.32249	2.32249	0.442012	1.32395	1.32395	0.384281	1.37621	1.37621	0.388387	0.728733	-1.37224	0.143114	0.569317	-1.75649	0.0432122	0.434958	-2.29907	0.294508	1.47579	1.47579	0.139285	0.565761	-1.76753	2.89905	5.88343	1.80394	1
cg21521518	RASL11B	0.0743688	0.708579	1.27346	1.27346	0.0209841	5.97726	5.97726	0.132153	2.8469	2.8469	0.0553383	4.04898	4.04898	0.376006	0.557138	-1.79489	0.11381	3.02732	3.02732	0.878863	0.906472	-1.10318	0.0168598	6.53529	6.53529	0.122091	2.94137	2.94137	2.89903	19.0328	5.83576	1
cg08259755	XKR4	0.0743695	0.876743	0.950214	-1.05239	0.40902	1.32027	1.32027	0.230852	0.661293	-1.51219	0.244424	1.49282	1.49282	0.0022468	0.244779	-4.08532	0.767702	1.10237	1.10237	0.757312	0.903042	-1.10737	0.570698	1.20749	1.20749	0.80158	0.920488	-1.08638	2.89901	4.97064	1.52409	1
cg07431429	MRP63;MRP63;SKA3;SKA3;SKA3;SKA3	0.07437	0.00829278	0.653912	-1.52926	0.483392	0.914254	-1.09379	0.318634	0.878338	-1.13851	0.171974	1.20081	1.20081	0.853387	0.976986	-1.02356	0.123258	1.23384	1.23384	0.539265	0.924752	-1.08137	0.831764	0.97358	-1.02714	0.0793143	1.27782	1.27782	2.89901	0.727294	0.223002	1
cg06224763	KLHL29	0.0743703	0.565984	0.871793	-1.14706	0.0424147	0.575399	-1.73792	0.22451	0.739552	-1.35217	0.725731	1.08685	1.08685	0.515659	0.855671	-1.16867	0.129936	1.47231	1.47231	0.0174936	1.98164	1.98164	0.176245	0.711767	-1.40495	0.268087	0.761252	-1.31363	2.899	2.56747	0.787234	1
cg02700130	LOC285401	0.0743714	0.288052	0.767374	-1.30315	0.101185	1.53861	1.53861	0.0136645	0.480864	-2.07959	0.0723622	0.617945	-1.61827	0.0361512	0.557155	-1.79483	0.810985	0.944108	-1.0592	0.44464	0.829391	-1.2057	0.474434	1.1908	1.1908	0.95773	0.987357	-1.01281	2.89898	2.64588	0.811281	1
cg20985067	PON3	0.074373	0.15152	1.45379	1.45379	0.00791231	2.29188	2.29188	0.289271	1.30714	1.30714	0.532999	0.857485	-1.1662	0.735244	0.920679	-1.08615	0.423225	1.22039	1.22039	0.00918873	2.23752	2.23752	0.430969	1.21619	1.21619	0.579846	1.14587	1.14587	2.89896	2.72215	0.834675	1
cg09043524	TXNRD2	0.0743736	0.0226551	0.603936	-1.6558	0.570984	0.899588	-1.11162	0.37179	1.18467	1.18467	0.819273	0.958588	-1.0432	0.0639929	0.680644	-1.4692	0.0945723	1.40436	1.40436	0.175732	1.30483	1.30483	0.065592	0.682579	-1.46503	0.660736	0.921621	-1.08504	2.89895	1.56806	0.480805	1
cg22861316	FABP6;FABP6;FABP6	0.0743747	0.0162794	0.106643	-9.37709	0.150762	0.309374	-3.23233	0.240438	0.392061	-2.55062	0.359254	0.487654	-2.05063	0.0181811	0.112505	-8.88849	0.34621	0.477577	-2.0939	0.0124951	0.0937152	-10.6706	0.0907231	0.24176	-4.13633	0.142814	0.301218	-3.31986	2.89893	26.648	8.17097	1
cg13701738	SORBS2	0.074375	0.137521	0.799077	-1.25144	0.707988	1.05418	1.05418	0.616692	1.07334	1.07334	0.080755	0.762164	-1.31205	0.994684	0.999066	-1.00093	0.0554181	1.35593	1.35593	0.0185969	1.49207	1.49207	0.153525	0.807099	-1.23901	0.679406	0.943385	-1.06001	2.89893	0.902984	0.276879	1
cg19306063	C10orf125;C10orf125	0.0743756	0.038026	0.447329	-2.23549	0.20045	0.636143	-1.57197	0.169695	1.6311	1.6311	0.136194	0.58447	-1.71095	0.948835	1.0217	1.0217	0.398384	0.748858	-1.33537	0.3387	0.719023	-1.39078	0.00772843	0.318384	-3.14086	0.126775	0.575547	-1.73748	2.89892	5.13655	1.57501	1
cg20964398	STRN	0.0743792	0.543715	1.05769	1.05769	0.46248	1.07065	1.07065	0.710662	1.03459	1.03459	0.0116224	0.749847	-1.3336	0.370426	1.08757	1.08757	0.0312059	1.25953	1.25953	0.694905	1.03663	1.03663	0.0907127	0.843587	-1.18541	0.684547	0.963409	-1.03798	2.89886	0.382411	0.11726	1
cg21640432	FFAR2	0.0743792	0.6012	0.858557	-1.16475	0.373409	1.30243	1.30243	0.0373121	0.497127	-2.01156	0.030106	0.478274	-2.09085	0.75487	1.0948	1.0948	0.162517	1.53907	1.53907	0.462828	1.24125	1.24125	0.817913	1.06896	1.06896	0.0280029	0.472057	-2.11839	2.89886	3.83928	1.17725	1
cg00247361	CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.0743796	0.549808	0.862189	-1.15984	0.693055	0.907361	-1.1021	0.640447	0.891122	-1.12218	0.0163526	0.48712	-2.05288	0.00420566	0.390868	-2.55841	0.0796575	0.620851	-1.61069	0.397989	0.808911	-1.23623	0.73664	1.08623	1.08623	0.771752	0.931204	-1.07388	2.89885	2.75694	0.845372	1
cg01415591	ATPAF2	0.0743799	0.894423	1.02643	1.02643	0.284957	1.24384	1.24384	0.0103367	0.530096	-1.88645	0.466651	1.15666	1.15666	0.98116	1.00465	1.00465	0.324971	1.22103	1.22103	0.034496	1.62325	1.62325	0.166289	1.33641	1.33641	0.182294	1.32062	1.32062	2.89885	1.77213	0.543399	1
cg13465488	SP3;SP3	0.0743804	0.207805	0.793977	-1.25948	0.157898	1.29987	1.29987	0.00406735	1.95402	1.95402	0.408803	1.15806	1.15806	0.388693	1.16585	1.16585	0.890117	1.0243	1.0243	0.137005	0.757121	-1.32079	0.463938	1.13824	1.13824	0.709774	1.06709	1.06709	2.89884	1.38521	0.424755	1
cg06740440	PPM1J	0.0743815	0.0506482	0.715692	-1.39725	0.068961	0.736619	-1.35755	0.0570058	0.72363	-1.38192	0.829909	0.968204	-1.03284	0.799717	1.03892	1.03892	0.499168	1.10854	1.10854	0.216734	1.21559	1.21559	0.0136584	0.632452	-1.58115	0.672606	0.938155	-1.06592	2.89882	1.03575	0.317601	1
cg15485817	FAM195B;FAM195B	0.074382	0.170075	0.791562	-1.26333	0.118393	1.31152	1.31152	0.0542297	1.4183	1.4183	0.140044	0.775718	-1.28913	0.627673	1.08132	1.08132	0.0349034	0.674857	-1.48179	0.337176	0.853608	-1.1715	0.280185	1.1967	1.1967	0.284878	1.19446	1.19446	2.89882	1.17476	0.360227	1
cg11749059	CAPZB	0.0743826	0.0198583	0.489374	-2.04343	0.0119594	0.450687	-2.21884	0.0453736	0.55802	-1.79205	0.295717	0.759132	-1.31729	0.0627533	0.587332	-1.70261	0.0474502	0.561975	-1.77944	0.981841	0.994232	-1.0058	0.52624	0.849415	-1.17728	0.296483	0.759489	-1.31668	2.89881	2.96544	0.909323	1
cg14091657	LHX3	0.0743837	0.612917	0.912651	-1.09571	0.638579	1.08845	1.08845	0.0291634	1.58491	1.58491	0.241447	0.802776	-1.24568	0.357903	1.18458	1.18458	0.0740942	1.42847	1.42847	0.00726574	1.85964	1.85964	0.410418	1.16278	1.16278	0.346319	1.18976	1.18976	2.89879	1.47366	0.451885	1
cg17755923	EPHA2	0.0743842	0.228654	2.29685	2.29685	0.0265291	5.64485	5.64485	0.00745339	9.6588	9.6588	0.0496653	4.36569	4.36569	0.752914	0.812329	-1.23103	0.913317	0.930841	-1.0743	0.804605	0.849473	-1.1772	0.695809	1.29513	1.29513	0.504014	0.640006	-1.56249	2.89878	19.8872	6.09825	1
cg18355464	C5orf36	0.0743879	0.108644	0.638534	-1.56609	0.0340567	0.530401	-1.88537	0.0568019	0.575428	-1.73784	0.918777	1.02649	1.02649	0.112711	0.642363	-1.55675	0.389822	0.797802	-1.25344	0.00518715	0.388368	-2.57488	0.512962	0.843593	-1.18541	0.127209	0.655194	-1.52627	2.89872	3.01683	0.925105	1
cg13088368	TOX2;TOX2;TOX2	0.0743909	0.488975	2.08421	2.08421	0.159599	0.208013	-4.80739	0.0631652	8.87628	8.87628	0.143152	5.17545	5.17545	0.0873573	7.18406	7.18406	0.49823	2.05104	2.05104	0.0141991	23.5888	23.5888	0.925215	0.906568	-1.10306	0.0392423	12.0892	12.0892	2.89867	50.1103	15.3665	1
cg13737695	GOLM1;GOLM1	0.0743912	0.162818	0.787146	-1.27041	0.408198	1.14557	1.14557	0.889698	1.02254	1.02254	0.951013	0.990179	-1.00992	0.372395	1.15849	1.15849	0.720277	1.05947	1.05947	0.0047371	0.54734	-1.82702	0.297015	1.18969	1.18969	0.117457	1.31411	1.31411	2.89867	1.18481	0.363328	1
cg10909152	SIVA1;SIVA1	0.0743913	0.134476	2.48627	2.48627	0.325769	1.77294	1.77294	0.828283	0.884621	-1.13043	0.774568	1.17594	1.17594	0.484883	1.49269	1.49269	0.552081	0.712113	-1.40427	0.00474798	8.30126	8.30126	0.136047	2.47581	2.47581	0.108334	0.372085	-2.68756	2.89867	14.6228	4.48415	1
cg06114987	FOXL1	0.0743914	0.0680307	3.79482	3.79482	0.242731	2.22061	2.22061	0.216666	2.33578	2.33578	0.0437317	4.53954	4.53954	0.256874	2.1646	2.1646	0.27374	2.10277	2.10277	0.0743268	0.273181	-3.66057	0.0167101	6.72878	6.72878	0.315717	1.96788	1.96788	2.89867	19.5504	5.99521	1
cg14831950	PAX7;PAX7;PAX7	0.0743919	0.267377	0.718654	-1.39149	0.143958	0.638347	-1.56655	0.638185	1.14503	1.14503	0.622655	1.15237	1.15237	0.653908	0.878942	-1.13773	0.0168813	2.30123	2.30123	0.669378	0.884423	-1.13068	0.0844437	1.72589	1.72589	0.0300965	2.07373	2.07373	2.89866	3.7533	1.15097	1
cg16083849	FAM63B;FAM63B	0.0743925	0.268937	1.13935	1.13935	0.794494	0.970856	-1.03002	0.957949	1.00599	1.00599	0.10648	1.22105	1.22105	0.188259	0.85388	-1.17113	0.442366	1.09281	1.09281	0.00673804	0.671636	-1.4889	0.26022	1.14232	1.14232	0.269748	1.13907	1.13907	2.89865	0.589351	0.180728	1
cg18113803	MOSC1	0.0743929	0.151223	0.514794	-1.94253	0.57932	1.27349	1.27349	0.0316111	0.336881	-2.9684	0.223531	0.575729	-1.73693	0.0166978	0.283249	-3.53047	0.271326	0.609934	-1.63952	0.849455	1.0855	1.0855	0.126731	2.04041	2.04041	0.110614	0.472097	-2.11821	2.89864	8.55685	2.62402	1
cg14097019	ZNF287	0.0743932	0.0513892	0.755558	-1.32353	0.29065	1.14864	1.14864	0.844753	0.975529	-1.02508	0.422791	0.901704	-1.10901	0.169181	0.831021	-1.20334	0.544417	0.9254	-1.08061	0.0170642	0.692472	-1.4441	0.974846	0.996023	-1.00399	0.0414759	1.34597	1.34597	2.89864	0.733143	0.224824	1
cg24060730	CAV1	0.0743954	0.137628	0.48278	-2.07134	0.0410458	0.341725	-2.92633	0.0399347	0.339081	-2.94914	0.994635	0.996943	-1.00307	0.00424571	0.175008	-5.71403	0.467277	0.713996	-1.40057	0.130407	0.475224	-2.10427	0.67961	0.827671	-1.20821	0.271063	0.593412	-1.68517	2.8986	9.52235	2.92013	1
cg06309788	LHFP	0.0743954	0.0351644	0.199399	-5.01507	0.604458	1.40972	1.40972	0.446245	1.66561	1.66561	0.0955188	0.300183	-3.3313	0.18519	0.397198	-2.51764	0.171755	0.38443	-2.60125	0.00916571	0.113657	-8.79838	0.415819	1.72723	1.72723	0.38756	0.558793	-1.78957	2.8986	19.8236	6.07914	1
cg26976412	RAI1	0.0743954	0.47125	0.870661	-1.14855	0.0101719	1.84507	1.84507	0.916982	0.980488	-1.0199	0.887435	1.02713	1.02713	0.106297	0.716536	-1.3956	0.432447	0.8595	-1.16347	0.478543	0.872704	-1.14586	0.0263816	0.607966	-1.64483	0.626568	1.0971	1.0971	2.8986	1.63965	0.502818	1
cg05247391	XKR9;LACTB2;XKR9	0.074398	0.301604	1.2974	1.2974	0.158489	1.44299	1.44299	0.822086	0.946684	-1.05632	0.0894557	1.57701	1.57701	0.341603	0.787895	-1.2692	0.638674	0.891317	-1.12194	0.184963	0.710334	-1.40779	0.175484	0.704351	-1.41975	0.0104354	2.19111	2.19111	2.89856	2.71688	0.833172	1
cg25233024	SPTBN4;SPTBN4	0.0743981	0.702602	0.792496	-1.26184	0.0370313	4.3409	4.3409	0.104827	2.92884	2.92884	0.803488	0.859717	-1.16317	0.0925322	0.325528	-3.07193	0.104344	2.93404	2.93404	0.0547313	0.266878	-3.74703	0.201719	2.26436	2.26436	0.852463	0.893269	-1.11948	2.89856	16.8723	5.17416	1
cg20131596	PAM;PAM;PAM;PAM	0.0743993	0.0663815	0.540714	-1.84941	0.335457	0.743329	-1.3453	0.0158824	0.413924	-2.41591	0.377582	0.763094	-1.31045	0.132354	0.615707	-1.62415	0.381446	0.764848	-1.30745	0.0102766	0.380645	-2.62712	0.348538	1.33404	1.33404	0.965389	1.01304	1.01304	2.89854	4.09402	1.2555	1
cg17984666	CELSR1	0.0743996	0.0708638	0.722738	-1.38363	0.0770115	1.37212	1.37212	0.0380664	1.47233	1.47233	0.205321	1.23985	1.23985	0.15715	0.783943	-1.2756	0.214157	1.2342	1.2342	0.4425	1.13427	1.13427	0.127749	1.30335	1.30335	0.423639	0.876798	-1.14051	2.89854	1.18829	0.364411	1
cg07034632	BMPR2	0.0743997	0.556759	0.837948	-1.19339	0.0295354	2.14312	2.14312	0.214833	0.678133	-1.47464	0.813058	1.07301	1.07301	0.603444	0.855654	-1.1687	0.0194875	2.3163	2.3163	0.0626455	0.536236	-1.86485	0.5306	0.827819	-1.20799	0.531519	1.20747	1.20747	2.89854	4.06203	1.24569	1
cg02731390	PIK3AP1	0.0743997	0.0188548	0.179905	-5.55848	0.39508	0.591428	-1.69082	0.128507	0.371323	-2.69308	0.450805	0.6292	-1.58932	0.0236525	0.196107	-5.09927	0.0669554	0.289877	-3.44974	0.0171836	0.173628	-5.75943	0.0534211	0.266346	-3.75451	0.194777	0.437348	-2.28651	2.89854	16.6918	5.11886	1
cg11220950	SYNGR3	0.0744007	0.0183588	5.44649	5.44649	0.144879	2.528	2.528	0.513057	1.4813	1.4813	0.086393	3.0712	3.0712	0.110311	2.8033	2.8033	0.0575802	3.56783	3.56783	0.574572	1.39926	1.39926	0.00832337	7.37212	7.37212	0.0886607	3.04177	3.04177	2.89852	16.1061	4.93926	1
cg09448088	MCF2L;MCF2L	0.0744012	0.41826	1.44081	1.44081	0.0148591	3.75444	3.75444	0.00406813	5.48903	5.48903	0.760673	1.14441	1.14441	0.977913	1.0123	1.0123	0.38578	1.48079	1.48079	0.0854394	2.31518	2.31518	0.279089	1.64357	1.64357	0.30297	1.60178	1.60178	2.89851	8.94936	2.74451	1
cg26609631	GSX1;GSX1	0.0744014	0.632161	0.679854	-1.4709	0.86423	0.872028	-1.14675	0.748324	1.29378	1.29378	0.842893	0.853193	-1.17207	0.670027	1.40911	1.40911	?	?	?	0.00173425	0.0280297	-35.6764	0.663885	1.41884	1.41884	0.854661	1.15802	1.15802	2.93548	26.4556	9.01238	1
cg07477009	UGGT2	0.0744023	0.845429	1.02607	1.02607	0.0952402	1.27343	1.27343	0.101861	0.789679	-1.26634	0.205805	0.838623	-1.19243	0.68826	1.05462	1.05462	0.60752	1.0707	1.0707	0.775429	0.962986	-1.03844	0.544735	0.922348	-1.08419	0.00570327	1.6129	1.6129	2.89849	0.798213	0.24479	1
cg22484594	GPR133	0.0744025	0.112447	0.55075	-1.81571	0.0326483	0.421928	-2.37008	0.0161314	0.362006	-2.76238	0.439396	0.761702	-1.31285	0.894537	1.04684	1.04684	0.288303	0.683518	-1.46302	0.0113909	0.335113	-2.98407	0.705865	1.13982	1.13982	0.819088	0.92397	-1.08229	2.89849	5.46917	1.67725	1
cg25371803	CCT3;CCT3;C1orf182;CCT3	0.0744039	0.556872	1.0555	1.0555	0.00389933	1.42366	1.42366	0.0154886	1.3099	1.3099	0.59729	1.04966	1.04966	0.123179	1.16394	1.16394	0.739997	1.03074	1.03074	0.74417	1.03021	1.03021	0.320863	1.09772	1.09772	0.717406	0.9675	-1.03359	2.89847	0.379321	0.116328	1
cg18814808	KCTD16	0.0744071	0.845552	0.95419	-1.04801	0.605228	1.13357	1.13357	0.995301	1.00142	1.00142	0.0220967	0.516909	-1.93457	0.00389607	0.392793	-2.54587	0.722885	0.917952	-1.08938	0.137442	0.680689	-1.4691	0.756684	1.07759	1.07759	0.5109	0.851856	-1.17391	2.89842	2.65387	0.813891	1
cg04208312	C3orf70	0.0744073	0.165157	0.693254	-1.44247	0.110295	0.650081	-1.53827	0.721594	1.09258	1.09258	0.111129	1.53645	1.53645	0.494412	1.18733	1.18733	0.229951	1.36573	1.36573	0.0452471	1.76548	1.76548	0.940404	1.01867	1.01867	0.0314312	0.535527	-1.86732	2.89842	2.81092	0.862055	1
cg18179621	CLSTN2	0.0744078	0.624896	0.909038	-1.10006	0.153667	0.744051	-1.34399	0.428393	1.16939	1.16939	0.241542	0.788785	-1.26777	0.871977	0.969269	-1.03171	0.0935349	1.42901	1.42901	0.00762796	1.9424	1.9424	0.308831	1.22611	1.22611	0.13457	1.3665	1.3665	2.89841	1.71951	0.527343	1
cg08393516	SLC26A1;IDUA;SLC26A1;SLC26A1;SLC26A1;SLC26A1;SLC26A1	0.0744085	0.239232	0.776819	-1.2873	0.076983	0.66834	-1.49624	0.211547	0.763617	-1.30956	0.315977	1.23669	1.23669	0.0670689	0.656667	-1.52284	0.780938	0.944476	-1.05879	0.0160815	1.82871	1.82871	0.222655	0.769054	-1.3003	0.449569	0.853948	-1.17103	2.8984	1.9274	0.5911	1
cg15296538	AACSL	0.0744086	0.487222	0.686741	-1.45615	0.145902	0.435535	-2.29603	0.00809565	0.164415	-6.08216	0.0321904	0.262974	-3.80266	0.0424101	0.28812	-3.47078	0.034972	0.270303	-3.69956	0.131028	0.419763	-2.3823	0.729692	0.831375	-1.20283	0.214085	0.49836	-2.00658	2.8984	13.0116	3.99043	1
cg02799478	ZNF416	0.0744089	0.379819	0.889508	-1.12422	0.0870235	1.27839	1.27839	0.459453	1.10284	1.10284	0.174814	1.20631	1.20631	0.784969	1.03618	1.03618	0.246125	0.854157	-1.17075	0.0169656	0.684946	-1.45997	0.0815073	0.778071	-1.28523	0.259775	1.16507	1.16507	2.89839	0.775356	0.237789	1
cg20364988	NCRNA00164;NCRNA00164	0.0744096	0.188895	0.807262	-1.23876	0.123697	0.773778	-1.29236	0.135017	0.780488	-1.28125	0.4352	1.13028	1.13028	0.556737	1.09574	1.09574	0.631703	1.07711	1.07711	0.0640295	1.37735	1.37735	0.0169586	1.56504	1.56504	0.382211	0.871231	-1.1478	2.89838	1.08611	0.333093	1
cg16559275	ADAMTSL4;ADAMTSL4	0.0744113	0.83546	1.16993	1.16993	0.0388452	6.07945	6.07945	0.47127	1.73846	1.73846	0.0158115	9.30959	9.30959	0.576802	0.653484	-1.53026	0.904538	1.09476	1.09476	?	?	?	0.0159627	9.26702	9.26702	0.799217	0.825028	-1.21208	2.93532	23.531	8.01651	1
cg03373490	OTOF;OTOF;OTOF;OTOF	0.0744131	0.354447	0.772291	-1.29485	0.0307971	1.98967	1.98967	0.637858	0.87933	-1.13723	0.674482	0.891744	-1.1214	0.813563	1.06618	1.06618	0.678571	1.11967	1.11967	0.00805892	2.51072	2.51072	0.0419467	1.88855	1.88855	0.594725	1.15678	1.15678	2.89832	3.37702	1.0357	1
cg09406384	ZNF414;ZNF414	0.0744132	0.620813	0.929063	-1.07635	0.239432	1.19934	1.19934	0.428149	1.12678	1.12678	0.0950102	1.31088	1.31088	0.0394568	1.42118	1.42118	0.320398	1.16357	1.16357	0.0111339	0.625289	-1.59926	0.972017	1.00519	1.00519	0.814984	0.966005	-1.03519	2.89832	0.999363	0.306495	1
cg06632027	SNCA;SNCA;SNCA;SNCA	0.0744177	0.715497	1.21371	1.21371	0.789291	1.15225	1.15225	0.162781	2.19982	2.19982	0.837986	1.11441	1.11441	0.00857789	0.169651	-5.89444	0.63675	0.777479	-1.28621	0.0138012	0.199805	-5.00487	0.920069	1.05454	1.05454	0.732901	0.834226	-1.19872	2.89825	12.8508	3.94133	1
cg27130406	SPIRE2	0.0744223	0.331435	0.864635	-1.15656	0.0589692	0.733784	-1.3628	0.436286	0.89112	-1.12218	0.0808821	0.755062	-1.32439	0.0713971	1.33946	1.33946	0.607979	0.927652	-1.07799	0.0539564	1.37376	1.37376	0.0910106	0.763214	-1.31025	0.621627	1.07488	1.07488	2.89818	0.96704	0.296597	1
cg04910299	MLL	0.0744224	0.130377	0.859856	-1.16298	0.561794	0.947226	-1.05571	0.503507	0.939182	-1.06476	0.0238527	0.779417	-1.28301	0.0138133	0.75484	-1.32478	0.154261	0.868532	-1.15137	0.0717785	0.830446	-1.20417	0.511123	0.94026	-1.06354	0.152883	1.15199	1.15199	2.89818	0.392092	0.120257	1
cg07637516	MXI1;MXI1	0.0744227	0.0167621	0.198714	-5.03235	0.0604429	0.309775	-3.22815	0.444585	0.649616	-1.53937	0.190122	0.463909	-2.1556	0.0269745	0.234623	-4.26216	0.113027	0.384928	-2.59789	0.0154273	0.19298	-5.1819	0.0803914	0.34181	-2.9256	0.419692	0.633586	-1.57832	2.89817	14.0626	4.3131	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01460435	PTPRN2;PTPRN2;PTPRN2	0.0744235	0.08892	0.740821	-1.34985	0.0356052	0.676315	-1.4786	0.0621502	0.714797	-1.399	0.428456	0.878751	-1.13798	0.0497537	0.699174	-1.43026
cg01251591	SAMM50	0.0744247	0.659828	1.07952	1.07952	0.210051	1.25634	1.25634	0.218141	0.799482	-1.25081	0.377548	0.855199	-1.16932	0.173798	0.778813	-1.28401
cg26497348	DSC3;DSC3	0.0744249	0.0566038	3.53518	3.53518	0.0362898	4.15517	4.15517	0.423117	1.61405	1.61405	0.122809	0.375936	-2.66002	0.527012	0.687257	-1.45506
cg02519504	ZNF205;ZNF205	0.0744257	0.322389	1.14287	1.14287	0.174937	1.20741	1.20741	0.798084	1.03406	1.03406	0.131545	1.23698	1.23698	0.682026	1.05529	1.05529
cg22426570	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.0744282	0.00443244	0.376512	-2.65596	0.22707	0.721643	-1.38573	0.815532	0.941655	-1.06196	0.81908	0.942768	-1.06071	0.93702	0.979876	-1.02054
cg00759906	GPI	0.0744301	0.303046	0.923677	-1.08263	0.660579	1.03343	1.03343	0.00351576	1.34254	1.34254	0.215845	1.10179	1.10179	0.217334	1.10141	1.10141
cg07554703	SLC17A5	0.074431	0.382406	0.84602	-1.18201	0.0835124	1.42986	1.42986	0.788059	1.05158	1.05158	0.019196	0.589262	-1.69704	0.636503	0.914971	-1.09293
cg06974428	PIP4K2A	0.0744326	0.0329387	0.547447	-1.82666	0.173167	0.704636	-1.41917	0.223844	0.73444	-1.36158	0.89148	0.967568	-1.03352	0.0265381	1.88718	1.88718
cg24735235	FLJ37453	0.074436	0.723577	1.07732	1.07732	0.343482	0.81492	-1.22711	0.179647	0.741636	-1.34837	0.0969721	0.682454	-1.4653	0.685278	1.08921	1.08921
cg20255042	VCL;VCL	0.0744394	0.088902	1.43884	1.43884	0.427093	1.17027	1.17027	0.0713223	1.47781	1.47781	0.164575	1.33312	1.33312	0.515121	0.879873	-1.13653
cg26997085	SGCE;PEG10;SGCE;PEG10;SGCE	0.0744398	0.427115	1.12257	1.12257	0.963635	1.00652	1.00652	0.151428	0.803178	-1.24505	0.323074	0.864554	-1.15667	0.0282854	1.44666	1.44666
cg24899315	CSPG5	0.0744418	0.32872	0.718055	-1.39265	0.0148769	2.67565	2.67565	0.205449	1.55099	1.55099	0.157995	1.64206	1.64206	0.170465	0.619021	-1.61545
cg10000312	ZNF500	0.0744421	0.258262	0.768599	-1.30107	0.0166857	1.91935	1.91935	0.610128	0.891605	-1.12157	0.922773	0.978599	-1.02187	0.191706	0.734648	-1.3612
cg00761344	HEYL	0.0744422	0.125269	0.57533	-1.73813	0.0211828	0.397233	-2.51741	0.0273872	0.41917	-2.38567	0.10079	0.549456	-1.81998	0.0301668	0.427693	-2.33813
cg13717880	KIAA1704;NUFIP1;NUFIP1	0.0744425	0.762324	1.04218	1.04218	0.723878	1.0495	1.0495	0.12264	0.79625	-1.25589	0.092372	0.777018	-1.28697	0.338152	0.874167	-1.14395
cg16044565	FAM118A;FAM118A	0.0744438	0.014408	0.287389	-3.4796	0.114538	0.491836	-2.0332	0.1397	0.518377	-1.9291	0.843324	0.921446	-1.08525	0.191261	0.564364	-1.7719
cg22195558	C6orf10	0.0744455	0.824395	0.958202	-1.04362	0.198682	1.29817	1.29817	0.0242983	0.597023	-1.67498	0.0791954	0.687694	-1.45414	0.666748	0.920138	-1.08679
cg16056219	LTBP2	0.074448	0.0328389	0.307368	-3.25343	0.412148	0.67283	-1.48626	0.271424	0.582137	-1.71781	0.303779	0.604516	-1.65422	0.00982848	0.213909	-4.67488
cg05041871	PXDN	0.074452	0.142349	0.539235	-1.85448	0.00330487	0.208666	-4.79235	0.761793	0.887759	-1.12643	0.782131	1.11467	1.11467	0.140558	0.537512	-1.86042
cg18325794	HCRTR1	0.0744524	0.199803	0.399788	-2.50133	0.139151	0.340469	-2.93713	0.595234	0.695632	-1.43754	0.853449	0.882354	-1.13333	0.0659271	0.247457	-4.04111
cg03802185	SH2B2	0.0744534	0.332529	0.776137	-1.28843	0.222116	1.38444	1.38444	0.0805741	0.611822	-1.63446	0.0748533	0.604725	-1.65364	0.920251	0.974932	-1.02571
cg06482989	SOX15	0.0744548	0.414432	1.16214	1.16214	0.0857144	1.4079	1.4079	0.111137	1.36697	1.36697	0.00732777	1.86392	1.86392	0.302619	0.82503	-1.21208
ch.11.152092R	NUP98;NUP98;NUP98;NUP98	0.0744608	0.0144973	0.456057	-2.19271	0.031156	0.517224	-1.9334	0.0331253	0.522402	-1.91423	0.0922653	0.616911	-1.62098	0.796003	0.934698	-1.06986
cg08939974	NOTCH4	0.0744609	0.0956629	0.393942	-2.53844	0.748371	0.848902	-1.17799	0.166789	0.472251	-2.11752	0.222656	0.520877	-1.91984	0.115328	0.418389	-2.39012
cg11675492	TAF4	0.0744616	0.0492872	1.72257	1.72257	0.42146	1.22021	1.22021	0.83932	1.05043	1.05043	0.00969082	2.21029	2.21029	0.0573062	1.68393	1.68393
cg09554596	GRIN3B	0.0744624	0.273644	0.444733	-2.24854	0.04805	0.200427	-4.98934	0.0800403	0.251222	-3.98054	0.327761	2.0514	2.0514	0.047986	0.200309	-4.99228
cg27031448	GTF3A	0.0744647	0.00993233	0.179667	-5.56586	0.110515	0.399828	-2.50107	0.265718	0.542612	-1.84294	0.675929	1.24808	1.24808	0.0155198	0.209139	-4.78151
cg04531254	TMEM136	0.0744686	0.408634	0.866708	-1.15379	0.0498164	1.46039	1.46039	0.0277825	1.55305	1.55305	0.556996	1.10577	1.10577	0.212246	1.24907	1.24907
cg08185808	MSLN;MSLN	0.0744703	0.0994083	1.4427	1.4427	0.217623	1.3011	1.3011	0.461522	0.858883	-1.1643	0.0269158	1.70202	1.70202	0.979188	0.99472	-1.00531
cg00655184	CTAGE1	0.0744717	0.522	1.2486	1.2486	0.106469	1.82774	1.82774	0.495926	1.26686	1.26686	0.351207	1.38855	1.38855	0.0176342	0.372407	-2.68524
cg20552487	SCIN	0.0744722	0.778068	0.930211	-1.07502	0.845042	1.05138	1.05138	0.234496	0.726826	-1.37584	0.00726752	2.4267	2.4267	0.392566	0.799113	-1.25139
cg09395844	LDLRAD3	0.0744738	0.380439	0.77178	-1.29571	0.192155	1.48813	1.48813	0.00286227	3.25937	3.25937	0.636577	0.871931	-1.14688	0.263843	0.715069	-1.39847
cg19431768	C4orf23	0.0744751	0.192224	1.24081	1.24081	0.564227	0.912912	-1.0954	0.917504	1.01633	1.01633	0.0181119	1.5662	1.5662	0.561973	0.91242	-1.09599
cg15558971	ZFP36L1	0.0744779	0.958216	0.991502	-1.00857	0.0101594	1.6957	1.6957	0.575582	1.09652	1.09652	0.0692819	0.718162	-1.39244	0.205339	1.24317	1.24317
cg17558772	ADARB2	0.0744802	0.929178	0.973598	-1.02712	0.0592752	1.89823	1.89823	0.897394	0.961912	-1.0396	0.94171	0.97823	-1.02225	0.794987	0.924615	-1.08153
cg10878966	PCNT	0.0744825	0.500096	0.704019	-1.42042	0.0199341	4.22252	4.22252	0.483185	1.44105	1.44105	0.225763	0.520889	-1.91979	0.0827261	0.373369	-2.67832
cg25091705	C11orf1	0.0744826	0.536337	1.3216	1.3216	0.17439	0.525511	-1.90291	0.0120572	0.248054	-4.03138	0.226082	1.7613	1.7613	0.168301	0.520073	-1.92281
cg20002843	LOC127841	0.0744831	0.0857303	0.260304	-3.84166	0.00549262	0.0752334	-13.292	0.0353816	0.176185	-5.67587	0.444693	0.5757	-1.73701	0.0370711	0.179846	-5.56032
cg19387066	MLL3	0.0744865	0.233171	0.713087	-1.40235	0.742258	0.914598	-1.09338	0.354124	1.29419	1.29419	0.20015	1.44208	1.44208	0.0298581	0.500902	-1.9964
cg05585176	CES1;CES1;CES1	0.0744867	0.943424	1.0149	1.0149	0.00991604	1.9713	1.9713	0.549783	1.13437	1.13437	0.864048	0.964926	-1.03635	0.0412751	1.63306	1.63306
cg20280350	MCOLN3	0.0744871	0.849564	1.03945	1.03945	0.0296305	1.68488	1.68488	0.263894	1.2678	1.2678	0.102839	1.43852	1.43852	0.85818	1.03711	1.03711
cg21762680	APOD	0.0744887	0.400113	0.77901	-1.28368	0.60106	1.16528	1.16528	0.716932	0.899813	-1.11134	0.0730795	0.560127	-1.78531	0.0134497	0.411783	-2.42846
cg10964330	PTCHD2	0.0744892	0.0232842	0.495109	-2.01976	0.619051	0.878143	-1.13877	0.921107	0.974644	-1.02602	0.0958199	0.622354	-1.6068	0.225279	1.39121	1.39121
cg25740070	TREH	0.0744899	0.3248	0.834118	-1.19887	0.0212604	0.610241	-1.6387	0.0103834	0.562282	-1.77847	0.980203	0.995584	-1.00444	0.201908	0.786338	-1.27172
cg20110535	PRKACA;PRKACA	0.0744902	0.544838	0.903628	-1.10665	0.897333	0.97888	-1.02158	0.971237	1.00598	1.00598	0.00706461	1.77834	1.77834	0.602616	0.916807	-1.09074
cg15091068	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;CUTA	0.0744934	0.0880586	1.18209	1.18209	0.228627	1.11884	1.11884	0.918236	1.00917	1.00917	0.20182	0.887118	-1.12725	0.00891478	0.744003	-1.34408
cg18775767	ZNF837;ZNF837	0.074495	0.782135	1.05772	1.05772	0.83177	1.044	1.044	0.29592	1.24531	1.24531	0.459129	0.858494	-1.16483	0.0972734	0.691872	-1.44535
cg01783015	MAN2B2	0.0744952	0.0321599	0.347813	-2.87511	0.956801	0.977461	-1.02306	0.0660639	0.419891	-2.38157	0.364342	0.675502	-1.48038	0.0132788	0.274903	-3.63765
cg17972105	MGC87042;MGC87042	0.0744954	0.0624359	0.552581	-1.80969	0.588521	1.16706	1.16706	0.440472	0.800505	-1.24921	0.553683	1.18466	1.18466	0.00961671	0.395698	-2.52718
cg12647895	C7orf26	0.0744966	0.362998	0.886524	-1.128	0.0380506	0.733592	-1.36315	0.465345	0.908716	-1.10045	0.902947	1.01584	1.01584	0.791278	0.966406	-1.03476
cg15800010	CRYBA4	0.0745013	0.0404433	0.229007	-4.36667	0.0720038	0.2863	-3.49284	0.116061	0.345178	-2.89705	0.146579	0.378925	-2.63904	0.0249558	0.189839	-5.26762
cg08023751	MERTK	0.0745023	0.334783	0.703065	-1.42234	0.0410576	2.3047	2.3047	0.384479	1.37138	1.37138	0.780266	1.10412	1.10412	0.0116512	0.327376	-3.05459
cg01860753	RASSF5;RASSF5;RASSF5;RASSF5	0.0745035	0.0628084	0.689236	-1.45088	0.832644	1.03834	1.03834	0.136843	1.32965	1.32965	0.870069	1.02953	1.02953	0.0108939	0.566503	-1.76522
cg03969070	STK40	0.0745041	0.00460815	1.57275	1.57275	0.746237	0.961755	-1.03977	0.99545	0.999315	-1.00069	0.362291	0.893636	-1.11902	0.162531	0.836052	-1.1961
cg04341745	ATF2	0.0745043	0.773195	0.929249	-1.07614	0.159128	0.68241	-1.46539	0.00967607	0.435481	-2.29631	0.906675	1.03023	1.03023	0.624316	0.882196	-1.13353
cg04913057	ETNK2	0.0745057	0.0601271	0.221834	-4.50788	0.633439	0.715217	-1.39818	0.476066	0.602749	-1.65906	0.313484	0.481816	-2.07548	0.0733331	0.24283	-4.1181
ch.7.557703F	DNAH11	0.0745098	?	?	?	?	?	?	0.119858	0.319256	-3.13228	0.102554	0.298581	-3.34917	0.0196737	0.148595	-6.72971
cg10671830	SORCS2	0.0745105	0.481725	0.809565	-1.23523	0.564452	1.1878	1.1878	0.00728567	0.359709	-2.78002	0.0838914	0.568309	-1.75961	0.0343253	0.482215	-2.07376
cg23249140	ADIPOQ	0.074512	0.217923	0.474391	-2.10797	0.382382	0.597243	-1.67436	0.869605	1.09914	1.09914	0.23655	0.489884	-2.0413	0.0961673	0.349522	-2.86105
cg16123421	INPP5A	0.0745127	0.93346	1.01874	1.01874	0.567235	0.879321	-1.13724	0.0169488	0.523273	-1.91105	0.639975	0.900539	-1.11045	0.573778	0.881268	-1.13473
cg11599142	PATE4	0.0745135	0.554265	1.24891	1.24891	0.314482	1.47181	1.47181	0.0755223	0.479443	-2.08576	0.584733	0.814609	-1.22758	0.00346606	0.228917	-4.3684
cg25743584	TIAF1;MYO18A;MYO18A	0.0745141	0.549124	0.852464	-1.17307	0.0126529	0.44211	-2.26188	0.0913823	0.612895	-1.6316	0.866834	1.04518	1.04518	0.758139	0.921885	-1.08473
cg18112117	YWHAZ;YWHAZ	0.0745182	0.019535	0.36583	-2.73351	0.19204	0.611373	-1.63566	0.339968	0.704398	-1.41965	0.872872	1.05872	1.05872	0.469332	0.769283	-1.29991
cg05392644	IDH3A	0.0745196	0.324795	1.17765	1.17765	0.0038843	1.86888	1.86888	0.0359768	1.48041	1.48041	0.0547703	1.41954	1.41954	0.869609	0.973926	-1.02677
cg02818265	FAM103A1	0.07452	0.773737	1.06306	1.06306	0.0500596	1.60636	1.60636	0.0928751	1.48025	1.48025	0.795456	1.05666	1.05666	0.565811	0.884143	-1.13104
cg07499159	ST6GALNAC5	0.0745218	0.68837	0.897305	-1.11445	0.197435	0.693371	-1.44223	0.475437	0.822791	-1.21537	0.638618	0.880616	-1.13557	0.00173907	0.301143	-3.32068
cg24193659	CEND1	0.074522	0.725464	0.753195	-1.32768	0.0123155	12.2523	12.2523	0.0577204	5.613	5.613	0.784963	1.24592	1.24592	0.110576	0.247147	-4.04617
cg02136460	MYL9;MYL9	0.0745221	0.139456	0.673972	-1.48374	0.56394	0.865263	-1.15572	0.00828519	0.432794	-2.31057	0.0587509	0.588807	-1.69835	0.107586	1.54602	1.54602
cg27013550	ZNF416	0.0745268	0.0861451	1.47675	1.47675	0.640939	1.10139	1.10139	0.300636	0.802109	-1.24671	0.0757558	1.50137	1.50137	0.519436	1.1437	1.1437
cg00529697	C5orf37;C5orf37	0.074527	0.752886	1.11367	1.11367	0.748851	1.11572	1.11572	0.905729	1.04121	1.04121	0.96232	1.01623	1.01623	0.82229	1.0797	1.0797
cg07721005	TMEM161B;TMEM161B	0.0745279	0.774183	0.9736	-1.02712	0.0385644	1.24966	1.24966	0.233766	1.12311	1.12311	0.129006	1.16482	1.16482	0.255593	1.11671	1.11671
cg14530679	NUDT9;NUDT9	0.0745288	0.266828	1.19	1.19	0.101284	0.763531	-1.3097	0.241668	0.831703	-1.20235	0.83897	1.03107	1.03107	0.0460328	1.41029	1.41029
cg21915074	POM121	0.0745294	0.035844	0.537304	-1.86114	0.420497	0.8111	-1.23289	0.763209	1.0799	1.0799	0.965767	0.989142	-1.01098	0.167409	0.687721	-1.45408
cg05886546	WNK4	0.0745297	0.0278334	6.21099	6.21099	0.023711	6.66528	6.66528	0.0771703	3.97681	3.97681	0.102579	3.50751	3.50751	0.865377	1.1266	1.1266
cg23628297	BRCA2	0.0745305	0.331804	1.22636	1.22636	0.190803	0.754043	-1.32618	0.00969252	0.513283	-1.94824	0.0471619	0.629465	-1.58865	0.606903	0.899638	-1.11156
cg06571559	DIP2C	0.074532	0.332416	1.52756	1.52756	0.00573263	4.63932	4.63932	0.529295	1.31001	1.31001	0.0822118	2.26105	2.26105	0.0535797	2.53155	2.53155
cg08019384	SDK1	0.0745331	0.0290081	0.214693	-4.6578	0.107015	2.86272	2.86272	0.214284	2.1849	2.1849	0.956032	0.967579	-1.03351	0.11517	0.359188	-2.78405
cg18630552	SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.0745356	0.819294	0.929572	-1.07576	0.399697	1.31673	1.31673	0.462213	0.787526	-1.2698	0.856757	1.05936	1.05936	0.554699	0.826376	-1.2101
cg12093930	IMPA1;IMPA1;IMPA1	0.0745358	0.0544921	1.42066	1.42066	0.938632	0.987684	-1.01247	0.307834	1.18517	1.18517	0.497946	1.1171	1.1171	0.570907	0.911946	-1.09656
cg02761419	TTC12	0.074536	0.280337	0.590825	-1.69255	0.572324	0.765247	-1.30677	0.14035	0.47528	-2.10403	0.98253	1.01032	1.01032	0.012109	0.230671	-4.33517
cg00534540	PTPRN2;PTPRN2;PTPRN2	0.0745367	0.397552	0.88598	-1.12869	0.410196	0.888962	-1.12491	0.41247	0.889492	-1.12424	0.884766	0.979937	-1.02047	0.29485	0.859133	-1.16396
cg21276834	RNF160	0.0745379	0.495899	1.13873	1.13873	0.794014	1.05039	1.05039	0.0375321	1.5737	1.5737	0.0871323	0.701224	-1.42608	0.127829	0.733939	-1.36251
cg07537551	VWA3A	0.0745395	0.131194	0.553106	-1.80797	0.0242212	0.376687	-2.65472	0.0215658	0.36682	-2.72613	0.361865	1.40578	1.40578	0.0895559	0.50652	-1.97425
cg07099186	PTPRG	0.0745404	0.408536	0.752793	-1.32839	0.00435256	0.278096	-3.59588	0.111167	0.558252	-1.79131	0.405178	0.751188	-1.33122	0.0210789	0.393798	-2.53937
cg23630468	ZNF281	0.0745452	0.456806	1.24946	1.24946	0.702092	0.893199	-1.11957	0.366901	1.31313	1.31313	0.696545	0.891206	-1.12207	0.538127	1.20105	1.20105
cg06765514	PIP5KL1;PIP5KL1	0.0745458	0.019983	15.276	15.276	0.276038	3.00461	3.00461	0.0229083	14.0505	14.0505	0.377285	2.41001	2.41001	0.0224235	14.2353	14.2353
cg16824603	RASA3	0.0745459	0.0939053	1.35866	1.35866	0.480719	1.12667	1.12667	0.210941	0.803063	-1.24523	0.906024	1.01985	1.01985	0.631525	0.922746	-1.08372
cg24699871	TRIM10;TRIM10	0.074548	0.0667045	0.193789	-5.16025	0.0477943	0.164254	-6.08814	0.110535	0.249573	-4.00685	0.462611	0.550559	-1.81633	0.0233437	0.114979	-8.69724
cg22817718	ISY1	0.0745489	0.135642	2.20165	2.20165	0.362326	1.57788	1.57788	0.0804984	2.6005	2.6005	0.223838	0.535476	-1.8675	?	?	?
cg06719628	NLRX1;NLRX1	0.0745521	0.846002	1.13417	1.13417	0.0215924	5.96759	5.96759	0.0400034	4.6497	4.6497	0.351601	1.86018	1.86018	0.54171	0.670349	-1.49176
cg18004756	GRHL2	0.0745532	0.0635571	14.6062	14.6062	0.0120771	55.863	55.863	0.0718506	13.24	13.24	0.1175	8.89449	8.89449	0.653352	1.78804	1.78804
cg11915525	C12orf70	0.0745533	0.0624509	0.575572	-1.7374	0.0922058	1.62947	1.62947	0.574068	0.861047	-1.16138	0.313542	0.759886	-1.31599	0.00654871	0.394369	-2.5357
cg04038724	SRI;SRI	0.0745544	0.46501	1.27294	1.27294	0.0791581	0.531219	-1.88246	0.0437994	0.471391	-2.12138	0.0961528	1.80936	1.80936	0.113107	1.75004	1.75004
cg10790575	GALNT9	0.0745556	0.39809	0.646593	-1.54657	0.477784	0.695074	-1.4387	0.0870548	0.38586	-2.59162	0.889929	1.07228	1.07228	0.114914	0.421494	-2.37251
cg21915765	UBA52;UBA52	0.0745563	0.485359	1.38166	1.38166	0.61461	1.26049	1.26049	0.634109	0.803611	-1.24438	0.616841	0.794517	-1.25863	0.635645	1.24313	1.24313
cg10186308	CALCOCO1;CALCOCO1;CALCOCO1	0.0745568	0.769822	1.05847	1.05847	0.988141	0.997126	-1.00288	0.858512	1.03516	1.03516	0.0464513	1.55537	1.55537	0.109917	1.4014	1.4014
cg18746719	CNTN5;CNTN5	0.0745575	0.160034	0.487115	-2.0529	0.0053162	0.172071	-5.81154	0.107676	0.431199	-2.31911	0.936224	1.03909	1.03909	0.163847	0.49072	-2.03782
cg23438309	MACC1	0.0745576	0.0674049	0.615295	-1.62524	0.155005	0.697221	-1.43427	0.0545736	0.596443	-1.6766	0.187064	0.717928	-1.3929	0.0152925	0.493775	-2.02521
cg08725538	ZBTB41	0.0745589	0.0835514	0.735087	-1.36038	0.262227	1.20665	1.20665	0.0560457	1.41589	1.41589	0.318858	0.847436	-1.18003	0.471904	0.889067	-1.12477
cg00433654	WBP1;INO80B	0.0745593	0.113366	0.481573	-2.07653	0.013863	3.63131	3.63131	0.261019	1.64403	1.64403	0.882041	0.938971	-1.065	0.112356	0.480413	-2.08154
cg09632936	CHRNA9	0.0745624	0.807482	0.905311	-1.10459	0.0403736	2.62433	2.62433	0.155076	1.85894	1.85894	0.252502	1.62748	1.62748	0.958481	1.02144	1.02144
cg03140487	BCOR;BCOR	0.0745628	0.239391	1.24308	1.24308	0.0715118	0.700866	-1.42681	0.816723	1.04185	1.04185	0.0494723	1.48572	1.48572	0.492969	0.88429	-1.13085
cg21993290	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.0745656	0.287252	0.785108	-1.27371	0.162206	1.38644	1.38644	0.161998	1.3867	1.3867	0.28066	0.782291	-1.2783	0.0222026	0.548675	-1.82257
cg06033659	COL9A3	0.0745664	0.150346	0.492986	-2.02846	0.0138977	4.03173	4.03173	0.415745	1.46462	1.46462	0.954997	1.02623	1.02623	0.0840474	0.416051	-2.40355
cg14554539	SLC25A25;SLC25A25	0.0745673	0.778432	1.12284	1.12284	0.139469	0.520376	-1.92169	0.0515623	0.402453	-2.48476	0.982762	0.991165	-1.00891	0.0965566	2.11566	2.11566
cg04627530	CHTF18	0.0745691	0.0596147	0.53345	-1.87459	0.406365	1.28543	1.28543	0.409387	0.779265	-1.28326	0.767656	0.916148	-1.09153	0.0133499	0.404137	-2.47441
cg18046570	NLK	0.0745712	0.630948	0.794519	-1.25862	0.0949343	2.39187	2.39187	0.386589	1.52467	1.52467	0.154071	0.484272	-2.06495	0.892326	0.937667	-1.06648
cg26115089	HEPHL1	0.0745722	0.203419	0.510016	-1.96072	0.499785	0.70924	-1.40996	0.316412	0.594829	-1.68115	0.373984	0.63274	-1.58043	0.222631	0.525833	-1.90174
cg17839324	PRDM16;PRDM16	0.074574	0.0285183	0.54865	-1.82266	0.389145	1.22751	1.22751	0.0718242	0.626987	-1.59493	0.484115	0.847757	-1.17958	0.0341905	0.563262	-1.77537
cg05046272	ABCG1;ABCG1	0.0745754	0.62397	1.10785	1.10785	0.0795201	0.668024	-1.49695	0.716887	0.927292	-1.07841	0.28058	0.79256	-1.26173	0.604859	0.89745	-1.11427
cg25101184	RPL13AP3	0.0745762	0.0699257	0.33866	-2.95281	0.0337574	0.265904	-3.76076	0.0160214	0.206972	-4.83156	0.291646	0.55732	-1.7943	0.0850935	0.361602	-2.76548
cg10171489	LY86	0.0745774	0.117827	0.244956	-4.08237	0.0855158	0.207151	-4.8274	0.181375	0.30876	-3.23876	0.134051	0.262286	-3.81263	0.0212042	0.100797	-9.92092
cg18081349	PDE6A	0.0745823	0.461212	1.17474	1.17474	0.108243	0.686469	-1.45673	0.00702588	0.473208	-2.11324	0.900316	0.973454	-1.02727	0.382007	1.21226	1.21226
cg19968692	C13orf37;C13orf34;C13orf37	0.0745825	0.111758	0.641952	-1.55775	0.0901407	0.620039	-1.6128	0.965148	0.98888	-1.01124	0.618237	0.879348	-1.13721	0.166228	0.685366	-1.45907
cg13558087	POLR1E	0.0745865	0.0426077	0.135294	-7.39132	0.171749	0.287477	-3.47854	0.062827	0.16636	-6.01107	0.150497	0.266994	-3.74541	0.0213773	0.0935234	-10.6925
cg12141979	MTG1	0.0745876	0.59654	1.22422	1.22422	0.56612	0.802821	-1.24561	0.0811958	0.480931	-2.0793	0.970251	1.01422	1.01422	0.0843942	0.485357	-2.06034
cg22041988	TTC4	0.0745892	0.845351	0.95015	-1.05247	0.779458	1.07628	1.07628	0.00198552	0.318641	-3.13833	0.612099	1.14328	1.14328	0.204658	1.41973	1.41973
cg00292851	WDR4;WDR4	0.0745898	0.545946	0.919568	-1.08747	0.184553	0.824394	-1.21301	0.0361702	1.39693	1.39693	0.784387	0.963068	-1.03835	0.0543924	0.741188	-1.34919
cg16638523	MARCH4;MARCH4	0.0745899	0.423436	1.1855	1.1855	0.084817	0.672554	-1.48687	0.391699	1.20039	1.20039	0.389344	1.20154	1.20154	0.0687255	0.654406	-1.5281
cg04317927	OR4S2	0.0745903	0.020966	0.351554	-2.84451	0.0849327	0.488216	-2.04827	0.199183	0.60015	-1.66625	0.0559208	0.442617	-2.25929	0.464409	0.755594	-1.32346
cg07332563	DUSP22	0.0745931	0.202151	2.05695	2.05695	0.017536	0.21265	-4.70257	0.138623	0.425792	-2.34856	0.292148	1.79561	1.79561	0.219078	0.50047	-1.99812
cg03898845	CD58;CD58;CD58	0.0745931	0.0266421	0.489765	-2.04179	0.661084	0.887029	-1.12736	0.0502247	0.545217	-1.83413	0.583763	0.860408	-1.16224	0.0794145	0.589148	-1.69737
cg20956407	NDST1	0.0745956	0.416924	0.855437	-1.16899	0.286502	1.2316	1.2316	0.0382502	0.636369	-1.57142	0.486869	0.8755	-1.1422	0.942459	0.986506	-1.01368
cg26410483	LHX4	0.074596	0.945869	1.0334	1.0334	0.0425519	0.32307	-3.0953	0.314763	0.604727	-1.65364	?	?	?	0.196217	1.93717	1.93717
cg00522049	BMP4;BMP4;BMP4	0.0745981	0.708249	1.04857	1.04857	0.198988	1.18677	1.18677	0.743805	0.95947	-1.04224	0.411661	0.899508	-1.11172	0.81804	1.0295	1.0295
cg11072851	ACTN1;ACTN1;ACTN1	0.074599	0.901533	0.969355	-1.03161	0.00747459	0.420645	-2.3773	0.828592	0.946939	-1.05603	0.160588	1.45774	1.45774	0.0448566	0.560483	-1.78417
cg14122373	KCNT1	0.0745996	0.628613	0.822414	-1.21593	0.917921	0.959493	-1.04222	0.0428829	0.392655	-2.54677	0.965105	1.0177	1.0177	0.0857797	0.466875	-2.1419
cg23004862	C5orf25	0.0746005	0.0721535	0.618937	-1.61567	0.159847	0.698368	-1.43191	0.0541023	0.592995	-1.68636	0.230278	1.35102	1.35102	0.00734078	0.437751	-2.2844
cg17805752	C15orf23;C15orf23;C15orf23;C15orf23;C15orf23;C15orf23	0.074601	0.0217175	2.15057	2.15057	0.68197	1.12132	1.12132	0.689482	1.11808	1.11808	0.0681268	1.7642	1.7642	0.051719	0.540476	-1.85022
cg09035529	SLC22A11	0.0746061	0.445515	1.39528	1.39528	0.140382	1.97259	1.97259	0.124071	2.04074	2.04074	0.367993	1.48596	1.48596	0.0468092	0.377253	-2.65074
cg19164335	DHH	0.0746067	0.101419	3.20186	3.20186	0.199926	2.40764	2.40764	0.884525	1.09889	1.09889	0.113427	3.05794	3.05794	0.163155	2.62702	2.62702
cg16001722	C6orf174	0.0746068	0.923804	0.983124	-1.01717	0.990824	0.997956	-1.00205	0.00224792	2.14034	2.14034	0.249845	0.807379	-1.23858	0.336782	1.19268	1.19268
cg13985784	TUSC1	0.0746078	0.0304347	0.516643	-1.93557	0.544459	1.17264	1.17264	0.0638919	1.71721	1.71721	0.274295	1.34355	1.34355	0.74946	0.920186	-1.08674
cg17468773	BAI1	0.0746097	0.0673006	0.261337	-3.82648	0.0318618	0.192783	-5.18717	0.0272341	0.180803	-5.53088	0.0339608	0.197865	-5.05394	0.254306	0.458835	-2.17943
cg22418859	CBR3	0.0746104	0.104419	0.403154	-2.48044	0.0707137	0.355732	-2.81111	0.111254	0.411528	-2.42997	0.10685	0.406171	-2.46202	0.0027381	0.120483	-8.29992
cg01381130	PTP4A3;PTP4A3	0.0746111	0.0438458	0.526973	-1.89763	0.116677	0.624148	-1.60218	0.0734855	0.575898	-1.73642	0.0450814	0.529494	-1.88859	0.100409	0.607938	-1.6449
cg22319080	C6orf115	0.0746118	0.184775	0.61616	-1.62296	0.0227112	0.391055	-2.55718	0.0233968	0.393581	-2.54077	0.513581	0.796059	-1.25619	0.54821	0.811251	-1.23266
cg04727071	ZBTB7A	0.0746124	0.403348	0.736661	-1.35748	0.417724	1.34443	1.34443	0.131021	1.79093	1.79093	0.648444	0.848697	-1.17828	0.00918293	0.306588	-3.26171
cg26761047	DDI2	0.0746134	0.611806	1.03524	1.03524	0.00460198	1.29075	1.29075	0.532539	0.958122	-1.04371	0.122696	1.11984	1.11984	0.130603	1.11681	1.11681

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01460435	0.406813	0.873122	-1.14532	0.0765044	1.37033	1.37033	0.872128	0.974574	-1.02609	0.335562	1.17207	1.17207	2.89816	1.17344	0.359904	1
cg01251591	0.030246	0.643951	-1.55291	0.0187082	0.611225	-1.63606	0.124897	1.3324	1.3324	0.809748	0.959188	-1.04255	2.89814	1.36989	0.420159	1
cg26497348	0.151205	0.406575	-2.45957	0.114957	0.366787	-2.72638	0.151468	2.45795	2.45795	0.771382	1.18588	1.18588	2.89814	15.7161	4.8203	1
cg02519504	0.0166675	0.682597	-1.46499	0.0322488	1.38764	1.38764	0.88875	1.01845	1.01845	0.209992	0.841484	-1.18838	2.89812	0.783343	0.240261	1
cg22426570	0.826323	1.05816	1.05816	0.976685	1.00755	1.00755	0.319636	1.30285	1.30285	0.0490966	1.78223	1.78223	2.89808	3.03731	0.93159	1
cg00759906	0.121845	1.13292	1.13292	0.577668	1.04275	1.04275	0.62878	0.964396	-1.03692	0.0964939	1.14546	1.14546	2.89805	0.254197	0.0779671	1
cg07554703	0.0151644	0.572999	-1.74521	0.509349	1.13309	1.13309	0.49138	1.13936	1.13936	0.810891	1.04576	1.04576	2.89804	1.59931	0.490541	1
cg06974428	0.413773	0.817263	-1.2236	0.110978	1.52104	1.52104	0.460705	1.19889	1.19889	0.302438	0.772584	-1.29436	2.89801	2.67748	0.821247	1
cg24735235	0.129406	1.41005	1.41005	0.01897	1.81445	1.81445	0.25008	1.28669	1.28669	0.0991789	0.684488	-1.46095	2.89796	2.01874	0.619205	1
cg20255042	0.349206	0.829558	-1.20546	0.0667796	1.48961	1.48961	0.00725074	1.95757	1.95757	0.509532	1.13853	1.13853	2.89791	1.72564	0.529313	1
cg26997085	0.0783747	1.32157	1.32157	0.016409	1.51925	1.51925	0.924341	0.986547	-1.01364	0.583046	0.923992	-1.08226	2.8979	0.933207	0.286247	1
cg24899315	0.348939	1.37275	1.37275	0.310446	0.708346	-1.41174	0.0609885	2.00131	2.00131	0.188571	1.58045	1.58045	2.89787	4.95447	1.51973	1
cg10000312	0.0246821	0.550571	-1.81629	0.29684	1.27293	1.27293	0.171436	0.722633	-1.38383	0.574901	0.881238	-1.13477	2.89787	2.2846	0.700777	1
cg00761344	0.0305918	0.428939	-2.33134	0.121076	0.571177	-1.75077	0.42797	0.763668	-1.30947	0.0736917	0.514648	-1.94307	2.89786	5.09441	1.56266	1
cg13717880	0.649666	1.06426	1.06426	0.0024851	0.564017	-1.77299	0.809826	0.967696	-1.03338	0.917573	1.0142	1.0142	2.89786	0.851418	0.261164	1
cg16044565	?	?	?	0.64486	0.825403	-1.21153	0.666122	0.835711	-1.19659	0.00771688	0.242909	-4.11677	2.93479	7.06211	2.40634	1
cg22195558	0.260592	0.798172	-1.25286	0.0101218	0.536175	-1.86506	0.113617	0.718393	-1.392	0.737489	0.937415	-1.06676	2.89781	1.69402	0.519633	1
cg16056219	0.413954	0.673906	-1.48389	0.0261897	0.287508	-3.47816	0.113587	0.443258	-2.25602	0.0284294	0.294571	-3.39477	2.89777	10.249	3.14388	1
cg05041871	0.191162	0.581597	-1.7194	0.0388458	0.39194	-2.55141	0.35396	0.688348	-1.45275	0.148549	0.545091	-1.83455	2.89771	7.03776	2.15887	1
cg18325794	0.401568	0.55927	-1.78804	0.00697273	10.6162	10.6162	0.623683	1.39755	1.39755	0.460168	0.601109	-1.66359	2.8977	21.0259	6.44984	1
cg03802185	0.255106	1.3515	1.3515	0.110535	1.55403	1.55403	0.991014	1.00286	1.00286	0.0193631	0.488269	-2.04805	2.89769	2.94947	0.904775	1
cg06482989	0.253791	1.23943	1.23943	0.0247453	1.61851	1.61851	0.251448	1.24087	1.24087	0.490292	1.13452	1.13452	2.89766	1.48886	0.456724	1
ch.11.152092R	0.640471	1.13045	1.13045	0.113474	0.638299	-1.56666	0.878601	0.960941	-1.04065	0.563211	1.16456	1.16456	2.89757	3.11818	0.956566	1
cg08939974	0.0651198	0.348541	-2.8691	0.0928231	0.390158	-2.56307	0.00296352	0.125446	-7.97156	0.272113	0.558883	-1.78928	2.89757	11.8877	3.64681	1
cg11675492	0.0162883	2.0379	2.0379	0.229408	1.3575	1.3575	0.11438	1.51614	1.51614	0.169445	1.42578	1.42578	2.89756	2.69524	0.826823	1
cg09554596	0.368454	0.518381	-1.92908	0.0106817	0.102019	-9.80208	0.482046	0.601557	-1.66235	0.0679911	0.23367	-4.27954	2.89754	23.2164	7.12216	1
cg27031448	0.0947354	0.379828	-2.63277	0.0741433	0.350292	-2.85476	0.147336	0.440603	-2.26962	0.383524	0.624359	-1.60164	2.89751	12.7513	3.9118	1
cg04531254	0.385954	0.860328	-1.16235	0.0461092	0.679204	-1.47231	0.410817	0.867311	-1.15299	0.27879	1.20999	1.20999	2.89745	1.31476	0.403348	1
cg08185808	0.610591	1.10985	1.10985	0.00557709	2.09332	2.09332	0.587883	0.894908	-1.11743	0.929778	1.01805	1.01805	2.89742	1.88982	0.579771	1
cg00655184	0.244044	1.51739	1.51739	0.0318413	0.422878	-2.36475	0.350673	1.38909	1.38909	0.796144	0.915235	-1.09262	2.8974	5.37138	1.64788	1
cg20552487	0.250429	1.36001	1.36001	0.493037	1.19511	1.19511	0.0214664	2.02859	2.02859	0.490869	1.19622	1.19622	2.89739	3.00811	0.922856	1
cg09395844	0.987516	0.995505	-1.00452	0.193607	1.48598	1.48598	0.499626	1.21813	1.21813	0.859652	1.05228	1.05228	2.89736	3.80459	1.16722	1
cg19431768	0.0740867	0.732607	-1.36499	0.0429781	1.43917	1.43917	0.835727	0.968063	-1.03299	0.184405	0.802455	-1.24618	2.89734	1.12126	0.343996	1
cg15558971	0.128822	1.30653	1.30653	0.852853	0.970206	-1.03071	0.18672	0.796125	-1.25608	0.216055	1.23625	1.23625	2.8973	1.21766	0.373578	1
cg17558772	0.234879	1.45464	1.45464	0.00266094	3.49298	3.49298	0.107984	1.69532	1.69532	0.666197	1.13954	1.13954	2.89726	4.15712	1.27542	1
cg10878966	0.587332	0.755068	-1.32438	0.0432845	0.303656	-3.2932	0.422547	1.52199	1.52199	0.15201	0.455296	-2.19637	2.89723	12.0621	3.70073	1
cg25091705	0.24796	0.583997	-1.71234	0.102817	0.451674	-2.21399	0.189717	1.85626	1.85626	0.398671	1.46931	1.46931	2.89722	9.09932	2.79174	1
cg20002843	0.361135	0.514132	-1.94503	0.175239	0.360011	-2.7777	0.0751282	0.245507	-4.07321	0.376463	0.525607	-1.90256	2.89722	23.0448	7.07033	1
cg19387066	0.528535	0.841371	-1.18854	0.0219489	0.47543	-2.10336	0.0816378	1.68544	1.68544	0.674199	0.891924	-1.12117	2.89716	3.35752	1.03013	1
cg05585176	0.981372	1.00488	1.00488	0.0986456	0.685719	-1.45832	0.197913	1.32779	1.32779	0.246061	0.77667	-1.28755	2.89716	1.99159	0.611049	1
cg20280350	0.855535	0.963549	-1.03783	0.525914	0.877266	-1.1399	0.00403202	2.19678	2.19678	0.939258	1.01565	1.01565	2.89715	1.90475	0.584404	1
cg21762680	0.943988	0.979834	-1.02058	0.0353934	2.03454	2.03454	0.207515	1.47014	1.47014	0.84251	0.943955	-1.05937	2.89713	3.85719	1.18345	1
cg10964330	0.890975	0.965069	-1.0362	0.0147083	2.17817	2.17817	0.797859	1.0688	1.0688	0.55136	1.16912	1.16912	2.89712	3.08401	0.94623	1
cg25740070	0.721388	1.06596	1.06596	0.2997	1.21133	1.21133	0.0776596	0.704815	-1.41881	0.198874	0.784918	-1.27402	2.89711	1.46004	0.447968	1
cg20110535	0.394926	1.15497	1.15497	0.0160718	1.62769	1.62769	0.265754	1.21138	1.21138	0.404243	0.868382	-1.15157	2.8971	1.25459	0.384932	1
cg15091068	0.577077	1.05134	1.05134	0.131778	0.86539	-1.15555	0.208041	0.888726	-1.12521	0.549306	0.947579	-1.05532	2.89705	0.362382	0.111188	1
cg18775767	0.0457	0.628941	-1.58997	0.0617773	1.53084	1.53084	0.0323027	1.66095	1.66095	0.283821	1.25281	1.25281	2.89703	1.87993	0.576816	1
cg01783015	0.0469074	0.383923	-2.60469	0.0292427	0.339234	-2.94782	0.79738	0.89738	-1.11435	0.160184	0.531802	-1.8804	2.89702	8.1265	2.49344	1
cg17972105	0.286446	0.731175	-1.36766	0.0718182	1.76561	1.76561	0.589966	1.16635	1.16635	0.273639	0.724534	-1.3802	2.89702	3.67079	1.1263	1
cg12647895	0.0891328	0.785427	-1.27319	0.0128116	0.671476	-1.48926	0.152102	1.21854	1.21854	0.228654	1.17677	1.17677	2.897	0.76153	0.233661	1
cg15800010	0.235763	0.461251	-2.16802	0.00768214	0.118426	-8.44409	0.325462	0.531355	-1.88198	0.102039	0.328069	-3.04814	2.89693	17.7953	5.46028	1
cg08023751	0.650813	1.17514	1.17514	0.918378	0.964346	-1.03697	0.148437	0.577535	-1.7315	0.12661	0.556961	-1.79546	2.89691	5.75534	1.76597	1
cg01860753	0.976992	0.994886	-1.00514	0.0419837	0.659249	-1.51688	0.422157	1.15693	1.15693	0.91624	0.98147	-1.01888	2.89689	1.45018	0.444976	1
cg03969070	0.974809	1.0038	1.0038	0.488395	0.918938	-1.08821	0.132316	0.822783	-1.21539	0.243804	1.15772	1.15772	2.89689	0.661755	0.203055	1
cg04341745	0.0707676	1.66981	1.66981	0.0641998	1.69574	1.69574	0.677736	1.11195	1.11195	0.613871	0.878803	-1.13791	2.89688	2.95849	0.907793	1
cg04913057	0.0199818	7.5104	7.5104	?	?	?	0.247318	0.427978	-2.33657	0.119057	0.303026	-3.30005	3.14364	21.0372	5.85551	1
ch.7.557703F	0.443794	0.589625	-1.69599	0.0132182	0.125167	-7.98933	0.140353	0.341887	-2.92494	0.806373	0.846911	-1.18076	2.97961	16.8031	6.44501	1
cg10671830	0.882417	0.957218	-1.04469	0.0903998	0.576234	-1.73541	0.83862	0.941534	-1.0621	0.0657977	0.543407	-1.84024	2.89678	4.00426	1.22872	1
cg23249140	0.146391	0.407786	-2.45227	0.0038135	0.105957	-9.43776	0.0336246	0.23982	-4.1698	0.11521	0.373289	-2.67889	2.89676	15.1879	4.6605	1
cg16123421	0.758084	0.933604	-1.07112	0.00765	2.1435	2.1435	0.29798	0.786685	-1.27116	0.912555	0.975867	-1.02473	2.89675	2.2689	0.696228	1
cg11599142	0.997747	0.998952	-1.00105	0.621034	1.20342	1.20342	0.517005	1.27648	1.27648	0.501329	1.28863	1.28863	2.89674	6.33377	1.94357	1
cg25743584	0.708641	1.1039	1.1039	0.0163523	2.16606	2.16606	0.930367	1.02328	1.02328	0.948592	1.01712	1.01712	2.89673	3.18135	0.976228	1
cg18112117	0.236519	1.55572	1.55572	0.0307937	0.405037	-2.46891	0.0175624	0.35714	-2.80002	0.3499	0.709745	-1.40896	2.89666	5.82434	1.7873	1
cg05392644	0.174344	1.26159	1.26159	0.372442	1.15865	1.15865	0.855948	0.9712	-1.02965	0.627353	1.08185	1.08185	2.89664	1.18642	0.364076	1
cg02818265	0.102148	1.46153	1.46153	0.0394902	0.603376	-1.65734	0.133495	0.709402	-1.40964	0.158369	1.37696	1.37696	2.89663	2.06441	0.633505	1
cg07499159	0.490921	0.828571	-1.2069	0.46443	1.22155	1.22155	0.453427	1.22785	1.22785	0.874439	1.04342	1.04342	2.8966	3.3139	1.01695	1
cg24193659	0.525057	0.595853	-1.67826	0.124723	0.26286	-3.80431	0.343708	2.1905	2.1905	0.494121	0.572236	-1.74753	2.8966	29.6477	9.09808	1
cg02136460	0.329664	1.28348	1.28348	0.628175	1.12871	1.12871	0.945356	1.01715	1.01715	0.821255	0.945404	-1.05775	2.8966	2.82373	0.866527	1
cg27013550	0.295829	1.24967	1.24967	0.0268251	0.583201	-1.71468	0.0662389	0.654695	-1.52743	0.508909	0.871302	-1.14771	2.89653	1.93913	0.595081	1
cg00529697	0.986161	1.00593	1.00593	0.0550176	2.0994	2.0994	0.00374146	3.79787	3.79787	0.0255898	2.46973	2.46973	2.89652	5.33068	1.63589	1
cg07721005	0.302242	1.10451	1.10451	0.070534	0.828635	-1.2068	0.847018	0.982197	-1.01813	0.0153145	1.319	1.319	2.89651	0.396813	0.121775	1
cg14530679	0.384722	1.1434	1.1434	0.020037	1.52494	1.52494	0.364284	0.869199	-1.15049	0.250724	0.834882	-1.19777	2.89649	1.03722	0.318307	1
cg21915074	0.128484	0.658377	-1.51889	0.00676537	0.409425	-2.44245	0.0263305	0.511624	-1.95456	0.383114	0.796504	-1.25549	2.89648	2.96874	0.911065	1
cg05886546	0.759075	1.24125	1.24125	0.105389	3.46564	3.46564	0.0587127	4.48217	4.48217	0.0208744	7.05171	7.05171	2.89648	22.641	6.9482	1
cg23628297	0.522323	1.14127	1.14127	0.131154	1.39397	1.39397	0.412854	0.843144	-1.18604	0.272963	0.792536	-1.26177	2.89647	1.9052	0.584682	1
cg06571559	0.0550494	2.51358	2.51358	0.901687	0.948984	-1.05376	0.295846	1.58298	1.58298	0.0455042	2.64273	2.64273	2.89644	8.23571	2.52746	1
cg08019384	0.627858	0.74677	-1.3391	0.0728732	0.302397	-3.30691	0.387739	1.69757	1.69757	0.0739859	0.304111	-3.28827	2.89643	16.3919	5.03054	1
cg18630552	0.16839	0.625969	-1.59752	0.00269734	0.266302	-3.75513	0.165759	0.623911	-1.60279	0.0765548	0.533265	-1.87524	2.89639	4.67251	1.43397	1
cg12093930	0.433565	0.879316	-1.13725	0.141148	0.775142	-1.29009	0.0787215	1.36924	1.36924	0.0102882	1.68275	1.68275	2.89638	1.18822	0.36466	1
cg02761419	0.660454	0.81278	-1.23035	0.0137022	0.239449	-4.17625	0.0266059	0.291622	-3.42909	0.109946	0.441733	-2.26381	2.89638	10.0873	3.09576	1
cg00534540	0.0545788	1.35629	1.35629	0.011981	1.54975	1.54975	0.298439	0.86017	-1.16256	0.110546	0.784257	-1.27509	2.89637	0.895939	0.274962	1
cg21276834	0.456562	1.15312	1.15312	0.134787	0.738645	-1.35383	0.0428578	1.5495	1.5495	0.312674	1.2168	1.2168	2.89635	1.61942	0.497	1
cg07537551	0.13927	0.560883	-1.7829	0.623297	1.1971	1.1971	0.0542351	0.452098	-2.21191	0.325379	0.691406	-1.44633	2.89632	6.05748	1.85905	1
cg07099186	0.141929	0.588348	-1.69967	0.156509	0.601014	-1.66385	0.966971	0.986187	-1.01401	0.901566	1.04244	1.04244	2.89631	5.17633	1.58864	1
cg23630468	0.74849	1.09915	1.09915	0.00266168	0.294885	-3.39115	0.885113	0.9584	-1.04341	0.137146	1.60096	1.60096	2.89624	3.96175	1.21591	1
cg06765514	0.770538	0.752792	-1.32839	0.0612114	7.75295	7.75295	0.0825792	6.46731	6.46731	0.142854	4.61389	4.61389	2.89623	43.2422	13.2716	1
cg16824603	0.428146	0.87406	-1.14409	0.00591927	1.82037	1.82037	0.0713707	1.39806	1.39806	0.768071	0.951984	-1.05044	2.89622	1.27002	0.389785	1
cg24699871	0.0987274	0.235736	-4.24203	0.0196143	0.105336	-9.49344	0.0309145	0.132307	-7.55815	0.118774	0.258846	-3.8633	2.89619	29.2229	8.96898	1
cg22817718	?	?	?	0.226178	0.537357	-1.86096	0.700305	0.828826	-1.20653	0.0237916	0.260252	-3.84242	3.18734	9.04362	2.83735	1
cg06719628	0.21196	2.34268	2.34268	0.00828275	8.89724	8.89724	0.18662	2.47547	2.47547	0.181051	2.50785	2.50785	2.89613	19.2281	5.90154	1
cg18004756	0.312592	3.82939	3.82939	0.0611595	15.0623	15.0623	0.0244894	31.3369	31.3369	0.0516543	17.2376	17.2376	2.89611	75.7918	23.2624	1
cg11915525	0.30136	0.754208	-1.32589	0.253921	0.73063	-1.36868	0.945061	1.01832	1.01832	0.151024	0.666729	-1.49986	2.89611	3.18302	0.976949	1
cg04038724	0.138028	1.67918	1.67918	0.126796	1.70915	1.70915	0.352942	0.733295	-1.36371	0.815693	0.927022	-1.07872	2.89609	4.8313	1.48286	1
cg10790575	0.378679	1.57645	1.57645	0.00505654	0.154403	-6.47656	0.180457	2.04779	2.04779	0.950135	0.968973	-1.03202	2.89607	11.6496	3.57562	1
cg21915765	0.203622	0.542342	-1.84385	0.00643291	5.03328	5.03328	0.375543	1.51392	1.51392	0.0204181	3.57572	3.57572	2.89606	9.53702	2.9272	1
cg10186308	0.54198	1.12699	1.12699	0.0275775	0.603757	-1.6563	0.465387	0.86599	-1.15475	0.0255803	1.67147	1.67147	2.89605	1.72034	0.528026	1
cg18746719	0.226569	0.544242	-1.83742	0.0195624	0.258762	-3.86455	0.861796	1.08708	1.08708	0.816851	0.894798	-1.11757	2.89604	10.5303	3.2321	1
cg23438309	0.939003	0.982027	-1.0183	0.109962	0.661748	-1.51115	0.0534954	0.594694	-1.68154	0.0186553	0.508797	-1.96542	2.89604	2.57572	0.790571	1
cg08725538	0.421368	1.14109	1.14109	0.248219	0.823686	-1.21406	0.0197188	0.636007	-1.57231	0.328808	1.1758	1.1758	2.89602	1.1843	0.363502	1
cg00433654	0.666024	1.20221	1.20221	0.0564381	0.400114	-2.49929	0.441255	0.716739	-1.39521	0.746275	1.14761	1.14761	2.89601	8.24986	2.53217	1
cg09632936	0.103278	2.06698	2.06698	0.00410629	4.80061	4.80061	0.0907618	2.1367	2.1367	0.263487	1.60797	1.60797	2.89596	7.61499	2.33735	1
cg03140487	0.0133782	1.71784	1.71784	0.329833	0.837276	-1.19435	0.229062	1.24972	1.24972	0.882542	1.02645	1.02645	2.89596	1.43062	0.439116	1
cg21993290	0.482955	0.85546	-1.16896	0.767239	0.937077	-1.06715	0.0259507	1.78389	1.78389	0.909705	0.975466	-1.02515	2.89591	2.19877	0.674904	1
cg06033659	0.409166	1.47292	1.47292	0.755769	1.15389	1.15389	0.352486	0.644733	-1.55103	0.0608975	0.379407	-2.63569	2.8959	9.65228	2.96274	1
cg14554539	0.192349	1.76257	1.76257	0.0280363	0.344418	-2.90345	0.137346	1.92951	1.92951	0.813986	1.10165	1.10165	2.89589	7.73756	2.37503	1
cg04627530	0.148166	0.632206	-1.58176	0.0211971	0.44087	-2.26824	0.502522	1.22282	1.22282	0.150748	0.634304	-1.57653	2.89586	4.00756	1.23013	1
cg18046570	0.0537335	0.353139	-2.83174	0.0276126	3.44788	3.44788	0.0770134	2.54572	2.54572	0.435104	1.45999	1.45999	2.89582	10.3574	3.17927	1
cg26115089	0.0862386	0.386488	-2.5874	0.00212198	0.114616	-8.72481	0.0893495	0.390823	-2.55871	0.103537	0.409452	-2.44229	2.89581	11.5366	3.54123	1
cg17839324	0.99589	0.998804	-1.0012	0.0929545	1.53622	1.53622	0.952168	0.986163	-1.01403	0.10514	0.662802	-1.50875	2.89578	2.47434	0.759523	1
cg05046272	0.617062	0.900778	-1.11015	0.0116763	1.92175	1.92175	0.0394076	1.63877	1.63877	0.47972	0.861631	-1.16059	2.89576	1.97057	0.604892	1
cg25101184	0.11258	0.397366	-2.51657	0.0192333	0.220214	-4.54104	0.110289	0.394605	-2.53418	0.0895859	0.367892	-2.71819	2.89575	13.0922	4.01883	1
cg10171489	0.0551063	0.165101	-6.05688	0.0787842	0.198529	-5.03706	0.0136964	0.0800634	-12.4901	0.0475513	0.153043	-6.53409	2.89573	31.4618	9.65769	1
cg18081349	0.166332	0.728436	-1.3728	0.0899059	1.49381	1.49381	0.515784	0.868083	-1.15196	0.771311	1.06457	1.06457	2.89565	2.11383	0.648889	1
cg19968692	0.509953	0.84278	-1.18655	0.00235468	0.337576	-2.9623	0.0900436	0.619932	-1.61308	0.24809	0.734174	-1.36207	2.89565	3.00354	0.92201	1
cg13558087	0.0672144	0.172458	-5.79852	0.0175177	0.0839518	-11.9116	0.0823706	0.192275	-5.20088	0.0750382	0.182908	-5.46723	2.89558	33.6721	10.3367	1
cg12141979	0.381166	1.40513	1.40513	0.677289	1.17172	1.17172	0.977687	1.01065	1.01065	0.00373294	0.226973	-4.40581	2.89557	6.57547	2.01855	1
cg22041988	0.855165	0.953281	-1.04901	0.691696	0.900891	-1.11001	0.257522	0.733879	-1.36262	0.802501	1.06782	1.06782	2.89554	3.14443	0.965295	1
cg00292851	0.433333	0.896099	-1.11595	0.120099	1.26032	1.26032	0.0400692	0.722135	-1.38478	0.594674	1.07647	1.07647	2.89553	0.86338	0.265046	1
cg16638523	0.898585	0.973811	-1.02689	0.00763457	0.489756	-2.04183	0.308536	1.24528	1.24528	0.94332	0.98531	-1.01491	2.89553	1.98652	0.609834	1
cg04317927	0.0260779	0.370178	-2.7014	0.506431	0.775911	-1.28881	0.0147208	0.32305	-3.0955	0.0912618	0.496576	-2.01379	2.89552	6.49604	1.9942	1
cg07332563	0.0801237	0.353526	-2.82865	0.058387	0.31809	-3.14376	0.677492	1.25105	1.25105	0.203117	0.48699	-2.05343	2.89548	13.153	4.03786	1
cg03898845	0.690246	0.896866	-1.11499	0.559382	1.17399	1.17399	0.00662901	0.38383	-2.60532	0.273121	0.733508	-1.36331	2.89548	3.38594	1.03946	1
cg20956407	0.0426907	0.644596	-1.55136	0.844581	1.03763	1.03763	0.016601	1.73431	1.73431	0.882836	1.02814	1.02814	2.89544	1.6244	0.498686	1
cg26410483	0.0985882	2.40222	2.40222	0.0374694	0.310947	-3.21599	0.151135	2.10501	2.10501	0.851677	0.913414	-1.09479	2.93232	9.66417	3.29574	1
cg00522049	0.00383301	0.61155	-1.63519	0.152957	1.213	1.213	0.223387	1.17515	1.17515	0.90961	1.01443	1.01443	2.8954	0.729901	0.22408	1
cg11072851	0.349207	1.2742	1.2742	0.874923	1.0404	1.0404	0.235114	0.73132	-1.36739	0.165458	0.689372	-1.45059	2.89539	2.89938	0.890115	1
cg14122373	0.336621	1.48797	1.48797	0.00592136	0.235971	-4.23781	0.0941481	0.477955	-2.09225	0.24606	0.61469	-1.62684	2.89538	7.37895	2.26536	1
cg23004862	0.139741	0.683962	-1.46207	0.795076	1.0642	1.0642	0.486384	0.844454	-1.1842	0.342217	0.79142	-1.26355	2.89536	2.62027	0.804435	1
cg17805752	0.165635	0.663043	-1.5082	?	?	?	0.836491	0.944187	-1.05911	0.42827	0.798716	-1.25201	2.93224	3.18813	1.08727	1
cg09035529	0.370906	1.4822	1.4822	0.0161913	3.52487	3.52487	0.125054	2.03634	2.03634	0.0907072	2.22169	2.22169	2.89527	8.41207	2.58262	1
cg19164335	0.0353681	4.90315	4.90315	0.00937229	8.48068	8.48068	0.0243258	5.70658	5.70658	0.0976964	3.25127	3.25127	2.89526	19.3069	5.92751	1
cg16001722	0.420424	1.15772	1.15772	0.359987	0.845825	-1.18228	0.615927	0.913944	-1.09416	0.569	1.10784	1.10784	2.89526	1.45151	0.445634	1
cg13985784	0.711388	0.908027	-1.10129	0.536304	1.17654	1.17654	0.0120833	2.25327	2.25327	0.454495	1.2187	1.2187	2.89525	3.09049	0.948832	1
cg17468773	0.47859	0.624077	-1.60237	0.0282289	0.183478	-5.45025	0.0336099	0.197029	-5.07539	0.411731	0.57734	-1.73208	2.89522	19.6418	6.03043	1
cg22418859	0.482307	0.69387	-1.44119	0.483486	0.694575	-1.43973	0.809383	0.883661	-1.13166	0.144225	0.448061	-2.23184	2.89521	12.0103	3.68742	1
cg01381130	0.149578	0.652299	-1.53304	0.0151187	0.438025	-2.28297	0.0208632	0.463509	-2.15745	0.209708	0.693798	-1.44134	2.8952	3.50626	1.0765	1
cg22319080	0.502219	1.26422	1.26422	0.0603319	2.07364	2.07364	0.163959	0.59969	-1.66753	0.56443	0.818265	-1.2221	2.89518	5.43479	1.66861	1
cg04727071	0.31807	0.691544	-1.44604	0.0776914	0.496197	-2.01533	0.453431	1.31384	1.31384	0.0902707	0.513153	-1.94874	2.89517	5.85688	1.79821	1
cg26761047	0.392195	1.06112	1.06112	0.775436	1.01954	1.01954	0.580428	1.03851	1.03851	0.0202459	1.20859	1.20859	2.89516	0.209986	0.0644711	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27306443	PDE7B	0.0746147	0.114166	0.448223	-2.23103	0.885573	0.934969	-1.06955	0.272147	0.586387	-1.70536	0.244756	0.566539	-1.7651	0.0136081	0.240388	-4.15994	0.773158	1.14449	1.14449	0.00768836	0.202006	-4.95035	0.161756	0.497723	-2.00915	0.0932799	0.422269	-2.36816	2.89514	9.99879	3.06991	1
cg22804236	MEI1	0.0746162	0.0296642	18.0175	18.0175	0.195203	4.69972	4.69972	0.092197	8.11382	8.11382	0.247169	3.92255	3.92255	0.257848	3.79489	3.79489	0.249766	3.89069	3.89069	0.0257328	19.9217	19.9217	0.00927879	41.6244	41.6244	0.0473875	12.9638	12.9638	2.89511	58.4979	17.9607	1
cg08274234	SEMA3E;SEMA3E	0.0746169	0.58513	0.904419	-1.10568	0.399509	1.17021	1.17021	0.0353262	1.56308	1.56308	0.0383385	0.645725	-1.54865	0.99483	0.99882	-1.00118	0.787343	1.05051	1.05051	0.0156704	0.582836	-1.71575	0.888514	1.02589	1.02589	0.498004	1.13357	1.13357	2.8951	1.52283	0.467557	1
cg00274203	COQ10A;COQ10A	0.0746174	0.422966	1.68176	1.68176	0.00444591	11.1395	11.1395	0.0223274	5.69169	5.69169	0.201644	2.35471	2.35471	0.858933	1.11963	1.11963	0.221374	2.26245	2.26245	0.295602	1.9915	1.9915	0.0429318	4.39173	4.39173	0.734758	1.24109	1.24109	2.8951	18.4977	5.67939	1
cg10608596	ZNF833	0.0746178	0.184757	0.272204	-3.67372	0.175129	3.79589	3.79589	0.056608	7.36123	7.36123	0.208267	3.41176	3.41176	0.0246647	11.8796	11.8796	0.212737	3.3669	3.3669	0.112648	4.94069	4.94069	0.0212332	12.9616	12.9616	0.983704	0.981284	-1.01907	2.89509	39.2358	12.0467	1
cg00291329	COX4I1	0.0746187	0.226361	0.633746	-1.57792	0.0105634	0.315097	-3.17363	0.194331	0.61079	-1.63722	0.269647	0.661833	-1.51096	0.0650434	0.475294	-2.10396	0.119076	0.54477	-1.83564	0.00760074	0.291547	-3.42998	0.152472	0.576778	-1.73377	0.598881	0.826476	-1.20996	2.89508	5.91122	1.81495	1
cg00561736	FAM90A7	0.074619	0.107172	0.403349	-2.47924	0.779976	0.865377	-1.15557	0.0163225	0.219585	-4.55405	0.380051	0.628192	-1.59187	0.0115634	0.195864	-5.10557	0.329339	0.594661	-1.68163	0.593675	0.757269	-1.32053	0.612506	0.768196	-1.30175	0.0152049	0.214512	-4.66174	2.89507	12.2227	3.75281	1
cg00196810	SELK	0.0746207	0.780483	1.0483	1.0483	0.0107936	1.71708	1.71708	0.0202434	1.60423	1.60423	0.179897	1.27182	1.27182	0.183995	1.26862	1.26862	0.430592	0.873005	-1.14547	0.179417	1.2722	1.2722	0.0386339	1.49835	1.49835	0.328279	1.18572	1.18572	2.89504	1.30675	0.401222	1
cg11685391	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.074623	0.391154	0.842485	-1.18696	0.722582	1.07201	1.07201	0.734592	0.935774	-1.06863	0.151883	0.741209	-1.34915	0.662945	1.08932	1.08932	0.0232698	1.69729	1.69729	0.01581	1.78028	1.78028	0.498813	1.14333	1.14333	0.152178	0.741392	-1.34881	2.89501	1.74485	0.535744	1
cg09460712	MYT1L	0.0746236	0.0122186	0.423781	-2.35971	0.831386	1.06039	1.06039	0.126921	0.635095	-1.57457	0.268696	0.728483	-1.37272	0.951871	1.01674	1.01674	0.0364444	0.512398	-1.95161	0.0156226	0.442576	-2.2595	0.991291	0.997003	-1.00301	0.16147	0.662861	-1.50861	2.895	3.46727	1.0646	1
cg15837503	MRPL12	0.0746237	0.344307	0.777276	-1.28654	0.763448	1.0812	1.0812	0.157456	1.47847	1.47847	0.00972252	0.429153	-2.33017	0.120183	0.646603	-1.54654	0.52051	0.844956	-1.18349	0.212421	0.711979	-1.40454	0.684367	1.1115	1.1115	0.0846523	1.63768	1.63768	2.895	3.06747	0.941846	1
cg14193653	NFIL3	0.0746243	0.445506	0.650362	-1.53761	0.0913591	0.35753	-2.79697	0.0763212	0.335926	-2.97684	0.530592	1.42109	1.42109	0.673572	0.791058	-1.26413	0.464553	0.662468	-1.50951	0.00793509	0.152101	-6.57458	0.105797	2.6574	2.6574	0.188402	0.462561	-2.16188	2.89499	14.0314	4.30826	1
cg23759831	TBL2;TBL2	0.0746248	0.944136	0.98846	-1.01168	0.0180243	1.60947	1.60947	0.0176325	1.61319	1.61319	0.378308	1.16151	1.16151	0.37311	1.16351	1.16351	0.975349	0.994895	-1.00513	0.187752	0.793565	-1.26014	0.159734	1.28253	1.28253	0.0516111	1.44331	1.44331	2.89498	1.25788	0.386226	1
cg07210453	WSCD1	0.074625	0.0454637	0.668794	-1.49523	0.393638	0.857939	-1.16558	0.728211	0.940659	-1.06308	0.444867	0.872343	-1.14634	0.217608	0.796568	-1.25539	0.793265	1.04713	1.04713	0.00650718	1.85914	1.85914	0.615454	0.91502	-1.09287	0.250673	0.810199	-1.23427	2.89498	1.40981	0.432877	1
cg16964464	ZNF287	0.0746251	0.750178	1.10052	1.10052	0.177057	0.650377	-1.53757	0.00312945	0.297792	-3.35805	0.872559	1.04931	1.04931	0.573179	0.843085	-1.18612	0.466275	0.800675	-1.24895	0.106652	1.69588	1.69588	0.513315	0.819737	-1.2199	0.263268	0.704908	-1.41862	2.89497	4.12203	1.26565	1
cg06509837	HCN2	0.0746257	0.377672	0.652306	-1.53302	0.984491	1.00922	1.00922	0.935727	0.962648	-1.0388	0.0234061	0.278519	-3.59042	0.188482	0.518057	-1.93029	0.36709	0.645765	-1.54855	0.00383693	0.158913	-6.29276	0.0794906	0.399026	-2.5061	0.919923	0.953647	-1.04861	2.89496	10.2142	3.13625	1
cg10357841	PTDSS2;PTDSS2	0.0746277	0.680658	1.15221	1.15221	0.926923	0.969081	-1.03191	0.511124	0.795982	-1.25631	0.0291977	0.414873	-2.41037	0.0785697	1.9521	1.9521	0.19526	0.62563	-1.59839	0.0406669	2.24597	2.24597	0.0908899	0.528532	-1.89203	0.539098	0.808243	-1.23725	2.89493	5.37417	1.65014	1
cg16373817	PALLD;PALLD	0.0746307	0.773136	1.21247	1.21247	0.853456	0.884046	-1.13116	0.201898	0.407313	-2.45511	0.535068	0.657901	-1.51999	0.042089	0.209917	-4.76379	0.417101	0.575363	-1.73803	0.0053443	0.086665	-11.5387	0.204195	2.44273	2.44273	0.426534	1.718	1.718	2.89489	20.3693	6.25448	1
cg22659014	SLC7A1;SLC7A1	0.074631	0.871808	0.970389	-1.03051	0.262666	1.24281	1.24281	0.681306	1.07989	1.07989	0.968691	0.992721	-1.00733	0.884488	0.973304	-1.02743	0.0760901	0.692539	-1.44396	0.00479883	0.498259	-2.00699	0.134238	0.740381	-1.35066	0.273533	1.23627	1.23627	2.89488	1.58843	0.487736	1
cg20240736	SAFB2	0.0746322	0.00831087	0.103846	-9.62965	0.0363258	0.195199	-5.12297	0.0873827	0.28169	-3.55	0.276184	0.467467	-2.13919	0.0812185	0.273154	-3.66094	0.104253	0.303519	-3.29469	0.688426	0.762914	-1.31076	0.0485145	0.220237	-4.54056	0.0643668	0.247805	-4.03543	2.89486	20.6634	6.34486	1
cg19754013	SMG5;TMEM79;TMEM79	0.0746326	0.46082	0.871124	-1.14794	0.43883	0.864937	-1.15615	0.757758	0.944737	-1.0585	0.052743	1.49873	1.49873	0.0134456	0.56986	-1.75482	0.282599	1.22773	1.22773	0.0902553	0.709598	-1.40925	0.125412	0.737294	-1.35631	0.628002	1.09387	1.09387	2.89486	1.54814	0.47537	1
cg05898618	KCNQ1;KCNQ1	0.0746342	0.0608696	1.41874	1.41874	0.153263	1.28809	1.28809	0.929849	0.98553	-1.01468	0.0146004	1.64522	1.64522	0.972598	0.99433	-1.0057	0.900173	0.979439	-1.02099	0.0181866	1.60753	1.60753	0.710018	0.940042	-1.06378	0.294761	0.835367	-1.19708	2.89483	1.25644	0.385803	1
cg21184495	ZNF207;ZNF207;ZNF207;MIR632	0.0746347	0.857237	0.951108	-1.0514	0.0110361	0.411702	-2.42894	0.0717994	0.571466	-1.74988	0.913302	1.03078	1.03078	0.116948	0.622439	-1.60658	0.0893254	0.593622	-1.68457	0.0618649	0.556902	-1.79565	0.0196823	0.456429	-2.19092	0.244533	0.712552	-1.40341	2.89482	3.5529	1.09096	1
cg19065650	NUP93	0.074636	0.12267	1.27176	1.27176	0.157082	1.24295	1.24295	0.0261253	1.4613	1.4613	0.697575	1.05773	1.05773	0.160479	1.24046	1.24046	0.906232	0.983207	-1.01708	0.00528999	1.69615	1.69615	0.82594	0.968841	-1.03216	0.641365	0.934802	-1.06975	2.8948	0.947043	0.290803	1
cg26032244	SLC2A5;SLC2A5	0.0746363	0.37513	1.33944	1.33944	0.369196	1.3446	1.3446	0.242998	0.675529	-1.48032	0.633647	1.16667	1.16667	0.13285	1.6831	1.6831	0.541209	1.21967	1.21967	0.00358697	3.5477	3.5477	0.0563498	2.00121	2.00121	0.796369	0.920328	-1.08657	2.8948	4.72594	1.45117	1
cg23489110	DKKL1;TEAD2	0.0746379	0.184784	1.7278	1.7278	0.173276	1.75656	1.75656	0.00706803	3.87062	3.87062	0.599193	1.22898	1.22898	0.27021	0.639958	-1.5626	0.913789	0.95877	-1.043	0.574301	0.801987	-1.2469	0.514397	1.29312	1.29312	0.0229317	2.88043	2.88043	2.89477	6.93002	2.12798	1
cg17094160	VPS52	0.0746387	0.161586	1.29079	1.29079	0.427401	0.870778	-1.1484	0.00912364	0.568024	-1.76049	0.350723	1.17823	1.17823	0.660966	1.07827	1.07827	0.401755	0.863688	-1.15783	0.0396941	1.50101	1.50101	0.549952	0.901866	-1.10881	0.592631	1.09661	1.09661	2.89476	1.33683	0.410498	1
cg07262585	ME2;ME2	0.074639	0.388414	1.15213	1.15213	0.291508	0.839171	-1.19165	0.735626	0.947157	-1.05579	0.839784	0.968092	-1.03296	0.00775188	0.578204	-1.72949	0.146138	0.778854	-1.28394	0.0580389	0.709484	-1.40948	0.0973774	1.33832	1.33832	0.61658	0.922312	-1.08423	2.89475	1.17657	0.361289	1
cg16670809	ADAMTS16	0.0746391	0.953432	0.871896	-1.14693	0.868641	1.47499	1.47499	0.115379	63.0027	63.0027	0.869247	1.47231	1.47231	0.11244	0.0152206	-65.7003	0.333703	0.0937858	-10.6626	0.0657989	157.193	157.193	0.0142851	2170.48	2170.48	0.0593535	186.172	186.172	3.40924	283.329	55.4042	1
cg00936342	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.0746394	0.0717181	0.229542	-4.3565	0.0172004	0.115853	-8.63162	0.482466	0.597623	-1.6733	0.0351081	6.10518	6.10518	0.597446	1.46801	1.46801	0.0898346	0.255198	-3.91853	0.416872	0.549432	-1.82006	0.636584	0.709808	-1.40883	0.714004	1.30339	1.30339	3.10545	24.9172	6.24065	1
cg17900273	NSUN6	0.0746405	0.844932	1.02574	1.02574	0.910512	1.0147	1.0147	0.831824	1.02799	1.02799	0.130062	0.808751	-1.23647	0.0850275	0.780986	-1.28043	0.0735425	1.2956	1.2956	0.011658	1.50563	1.50563	0.63902	0.940515	-1.06325	0.242033	0.85304	-1.17228	2.89473	0.772513	0.237217	1
cg26940100	OBSCN;OBSCN	0.0746415	0.76816	1.14609	1.14609	0.967779	1.01881	1.01881	0.199194	0.534852	-1.86968	0.0305357	0.309596	-3.23002	0.0676542	0.388946	-2.57105	0.156958	2.01031	2.01031	0.0607708	2.65147	2.65147	0.128892	2.13184	2.13184	0.967009	0.981102	-1.01926	2.89471	9.75559	2.99568	1
cg00247334	OXTR	0.0746416	0.996669	1.00218	1.00218	0.004812	0.141777	-7.05332	0.121706	0.416398	-2.40155	0.281169	1.79487	1.79487	0.180609	0.475964	-2.101	0.470091	0.681304	-1.46777	0.0677934	0.343574	-2.91058	0.166396	0.462744	-2.16102	0.702436	1.22195	1.22195	2.89471	12.5024	3.83915	1
cg19977566	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.0746416	0.47801	0.727963	-1.3737	0.0228267	0.301506	-3.31669	0.778362	0.883207	-1.13224	0.866705	1.07674	1.07674	0.298638	0.622399	-1.60669	0.219723	0.566649	-1.76476	0.110463	0.465062	-2.15025	0.150928	0.507889	-1.96894	0.0192619	3.47682	3.47682	2.89471	8.88172	2.72734	1
cg19406975	SH3BP5L	0.0746423	0.0634449	1.4813	1.4813	0.406027	0.852114	-1.17355	0.921361	1.01876	1.01876	0.99313	1.00162	1.00162	0.0422563	0.643748	-1.5534	0.836576	0.961861	-1.03965	0.0228704	1.66962	1.66962	0.142495	1.34553	1.34553	0.215216	0.78224	-1.27838	2.8947	1.62488	0.498958	1
cg07353338	PTPRZ1	0.074643	0.947524	1.02126	1.02126	0.358593	1.35218	1.35218	0.895201	0.958753	-1.04302	0.923137	1.03132	1.03132	0.600164	0.844475	-1.18417	0.367176	1.34457	1.34457	0.00315601	0.275454	-3.63037	0.115673	1.72731	1.72731	0.337555	0.729066	-1.37162	2.89469	4.68314	1.43808	1
cg05767788	HSPD1;HSPD1;HSPD1;HSPE1	0.0746433	0.906214	1.04876	1.04876	0.324711	1.50802	1.50802	0.269344	0.628358	-1.59145	0.711541	1.16187	1.16187	0.00176976	0.165549	-6.04052	0.712662	1.16116	1.16116	0.906489	1.04861	1.04861	0.698862	1.17002	1.17002	0.825223	0.914537	-1.09345	2.89469	7.48012	2.29697	1
cg20367266	TCEAL7	0.0746441	0.583391	0.694784	-1.4393	0.00494916	0.0865645	-11.5521	0.636	0.730909	-1.36816	0.862745	1.12049	1.12049	0.321799	0.510198	-1.96002	0.0565734	0.241939	-4.13327	0.439881	0.595759	-1.67853	0.759665	0.817306	-1.22353	0.07802	3.62354	3.62354	2.89467	19.8178	6.08559	1
cg15658249	LRFN3	0.074645	0.0301754	0.237329	-4.21356	0.159252	0.42794	-2.33678	0.206843	0.471825	-2.11943	0.979265	1.01477	1.01477	0.0109208	0.164871	-6.06534	0.126773	0.393805	-2.53933	0.0271477	0.228643	-4.37364	0.254756	0.511231	-1.95606	0.0509455	0.285211	-3.50618	2.89466	14.595	4.48181	1
cg14930396	SF3B14;SF3B14	0.0746453	0.260467	0.868429	-1.15151	0.0782921	0.790497	-1.26503	0.832182	1.02583	1.02583	0.629844	1.0601	1.0601	0.122378	0.81773	-1.2229	0.120323	0.816669	-1.22449	0.00436069	0.632708	-1.58051	0.0897083	0.798641	-1.25213	0.884538	1.01762	1.01762	2.89466	0.662277	0.203371	1
cg23196346	KIAA1217;KIAA1217;KIAA1217	0.0746461	0.0478171	0.174705	-5.72393	0.125235	0.278186	-3.59472	0.232803	0.38111	-2.62391	0.229579	0.378322	-2.64325	0.108818	0.259646	-3.8514	0.211235	0.362206	-2.76086	0.0854344	0.230852	-4.33178	0.00656575	0.0657426	-15.2108	0.022585	0.121793	-8.21067	2.89464	27.2536	8.36904	1
cg03877418	NEU4;NEU4;NEU4;NEU4;NEU4	0.0746475	0.789946	1.12309	1.12309	0.0327849	2.96191	2.96191	0.04308	2.75105	2.75105	0.561013	0.774474	-1.2912	0.0283684	0.324621	-3.08052	0.758683	0.874611	-1.14336	0.327225	0.644208	-1.55229	0.174129	1.87498	1.87498	0.503079	1.34377	1.34377	2.89462	8.66621	2.66125	1
cg16068383	NEDD4;NEDD4	0.0746508	0.0164369	1.47397	1.47397	0.342982	1.13801	1.13801	0.00924613	1.54827	1.54827	0.125259	1.24555	1.24555	0.030395	1.40035	1.40035	0.175392	1.21008	1.21008	0.798425	0.966702	-1.03444	0.624956	1.06737	1.06737	0.567474	1.07948	1.07948	2.89457	0.802749	0.246515	1
cg26912877	HES3	0.0746523	0.686177	0.896263	-1.11574	0.00833409	0.402878	-2.48214	0.321911	0.758885	-1.31772	0.360625	0.776161	-1.28839	0.0335878	0.512066	-1.95287	0.134013	0.646801	-1.54607	0.688672	1.11471	1.11471	0.0871405	0.600912	-1.66414	0.220911	1.41477	1.41477	2.89455	3.33269	1.02344	1
cg25763127	NRP1;NRP1;NRP1	0.074655	0.03454	1.6007	1.6007	0.624336	0.910102	-1.09878	0.149106	0.744329	-1.34349	0.942659	0.986365	-1.01382	0.637801	1.09472	1.09472	0.282256	0.80795	-1.2377	0.0204832	1.70389	1.70389	0.117708	1.38301	1.38301	0.224807	0.78401	-1.27549	2.8945	1.66981	0.512791	1
cg03222044	SLAMF9;SLAMF9;SLAMF9	0.0746558	0.0387125	0.393026	-2.54436	0.648207	0.835944	-1.19625	0.0701609	0.453971	-2.20278	0.0116847	0.292538	-3.41836	0.0104248	0.284203	-3.51861	0.507259	0.769171	-1.3001	0.341636	0.682335	-1.46556	0.158496	0.55542	-1.80044	0.217305	0.602694	-1.65922	2.89449	6.97599	2.14231	1
cg03810365	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.074657	0.0743825	0.700424	-1.42771	0.866324	0.970275	-1.03064	0.264272	1.23172	1.23172	0.828999	1.0395	1.0395	0.259884	0.810177	-1.2343	0.209161	1.26757	1.26757	0.0089491	0.551273	-1.81398	0.111396	0.733018	-1.36422	0.400124	1.1668	1.1668	2.89447	1.47063	0.45163	1
cg19885037	ITPR1;ITPR1;ITPR1	0.0746623	0.476098	0.799604	-1.25062	0.212725	1.49938	1.49938	0.238129	1.46429	1.46429	0.993689	1.00244	1.00244	0.00254698	0.274663	-3.64083	0.946057	0.979333	-1.0211	0.687459	0.882656	-1.13294	0.485739	1.24436	1.24436	0.489674	0.805262	-1.24183	2.89439	4.3666	1.34102	1
cg10861333	HDAC4	0.0746644	0.901886	1.03971	1.03971	0.00711913	2.99687	2.99687	0.727257	0.895339	-1.11689	0.161673	1.60294	1.60294	0.0980041	0.563794	-1.7737	0.0366747	2.15215	2.15215	0.931206	0.973107	-1.02764	0.956997	1.01717	1.01717	0.909121	1.03671	1.03671	2.89435	4.56955	1.40336	1
cg04293152	CCDC64B	0.0746673	0.0220832	0.247278	-4.04403	0.0148158	0.217367	-4.60051	0.174818	0.479681	-2.08472	0.463098	0.683729	-1.46257	0.0401793	0.299132	-3.343	0.135186	0.440536	-2.26996	0.025453	0.258769	-3.86445	0.10787	0.409391	-2.44265	0.61262	0.771117	-1.29682	2.89431	11.8781	3.64794	1
cg08712068	PRKAG2	0.0746683	0.0821612	0.691214	-1.44673	0.828967	0.959362	-1.04236	0.259896	0.798221	-1.25279	0.158842	1.33482	1.33482	0.426811	0.855904	-1.16835	0.356375	1.19951	1.19951	0.00460201	0.485185	-2.06107	0.272731	0.803394	-1.24472	0.496932	0.87611	-1.14141	2.89429	1.68569	0.517705	1
cg00380985	TCEAL6	0.0746701	0.169004	0.103146	-9.69501	0.754832	0.615333	-1.62514	0.892035	0.810168	-1.23431	0.308076	5.13168	5.13168	0.580717	2.37454	2.37454	0.071466	0.0441408	-22.6548	0.439169	3.39768	3.39768	0.033082	47.592	47.592	0.0179438	86.343	86.343	2.89426	110.149	33.8291	1
cg21774736	RIMKLA;RIMKLA	0.0746705	0.470594	0.923086	-1.08332	0.77333	0.969002	-1.03199	0.294935	0.888307	-1.12574	0.729736	0.962891	-1.03854	0.553334	0.936708	-1.06757	0.404847	0.911254	-1.09739	0.00147837	0.606448	-1.64895	0.537881	1.07038	1.07038	0.50356	1.07682	1.07682	2.89426	0.544988	0.167378	1
cg26897297	MLNR	0.0746712	0.0455466	1.63401	1.63401	0.251169	0.773563	-1.29272	0.412934	1.19632	1.19632	0.888533	0.970414	-1.03049	0.682465	1.09208	1.09208	0.700848	1.08618	1.08618	0.00480798	2.22823	2.22823	0.0752391	1.52835	1.52835	0.264188	1.28304	1.28304	2.89425	2.10209	0.645601	1
cg17171920	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0746733	0.128277	0.438197	-2.28208	0.308316	0.589087	-1.69754	0.218171	0.522016	-1.91565	0.417828	0.660007	-1.51514	0.860451	1.09233	1.09233	0.5444	1.36057	1.36057	0.00376244	7.11802	7.11802	0.728177	0.839371	-1.19137	0.826655	0.895773	-1.11635	2.89421	11.5446	3.54566	1
cg26186433	SMURF2	0.0746736	0.017142	0.558608	-1.79016	0.561255	0.888919	-1.12496	0.451488	0.857472	-1.16622	0.0111232	0.528358	-1.89266	0.140388	0.727662	-1.37427	0.179255	0.751292	-1.33104	0.686362	0.921854	-1.08477	0.579506	1.11872	1.11872	0.191732	1.31919	1.31919	2.89421	1.84165	0.56562	1
cg19173502	MIRLET7C;C21orf34;C21orf34	0.0746736	0.014675	0.269398	-3.71198	0.0808313	0.429464	-2.32848	0.501918	1.34652	1.34652	0.46947	0.725221	-1.37889	0.00933087	0.237025	-4.21897	0.82568	1.10109	1.10109	0.402712	0.688069	-1.45334	0.580614	1.27586	1.27586	0.272949	0.60767	-1.64563	2.89421	8.73649	2.68321	1
cg25937230	NDNL2;FAM189A1;NDNL2	0.0746743	0.331151	0.678636	-1.47355	0.32634	0.675842	-1.47964	0.287766	1.53223	1.53223	0.923265	1.03795	1.03795	0.105483	0.504698	-1.98138	0.327457	0.676493	-1.47821	0.00801686	0.268863	-3.71936	0.0150818	0.315133	-3.17327	0.625392	0.826764	-1.20954	2.8942	6.85193	2.10442	1
cg04398581	KHDRBS2	0.0746757	0.0137025	6.49344	6.49344	0.179795	2.39735	2.39735	0.87377	1.1025	1.1025	0.311196	0.525686	-1.90227	0.554567	0.692912	-1.44319	0.557661	0.694943	-1.43897	0.908412	0.931806	-1.07318	0.744764	1.222	1.222	0.00979636	7.42033	7.42033	2.89418	17.2656	5.3028	1
cg14024415	GEFT;GEFT	0.0746764	0.214985	2.08394	2.08394	0.611605	1.33384	1.33384	0.158573	2.33449	2.33449	0.148778	2.38957	2.38957	0.0759217	3.03777	3.03777	0.0499036	3.51831	3.51831	0.012116	5.8085	5.8085	0.0242719	4.52968	4.52968	0.0316914	4.12385	4.12385	2.89416	14.505	4.45496	1
cg15158530	IP6K1;IP6K1	0.0746789	0.237121	0.536796	-1.8629	0.726145	1.19319	1.19319	0.372077	1.58458	1.58458	0.32488	1.66638	1.66638	0.0133616	0.214542	-4.66109	0.145442	0.456022	-2.19288	0.0209004	0.247543	-4.03971	0.429286	1.49974	1.49974	0.525474	0.723846	-1.38151	2.89413	11.5649	3.55198	1
cg04941313	MEIS1	0.0746811	0.905142	1.03346	1.03346	0.011989	0.420874	-2.37601	0.0349637	0.507374	-1.97093	0.469677	0.816198	-1.22519	0.790109	0.928988	-1.07644	0.126608	1.57817	1.57817	0.880355	1.04247	1.04247	0.483312	0.821431	-1.21739	0.0403049	0.519912	-1.9234	2.89409	3.49449	1.0733	1
cg11109027	LOC148696	0.0746817	0.86605	0.950869	-1.05167	0.0070456	2.82765	2.82765	0.0304116	2.13667	2.13667	0.789917	1.08294	1.08294	0.607992	0.856936	-1.16695	0.525392	1.21172	1.21172	0.204895	1.49059	1.49059	0.633979	1.15389	1.15389	0.118498	0.603063	-1.6582	2.89408	4.08173	1.25366	1
cg06634716	ESRRG	0.074682	0.0519778	12.3548	12.3548	0.054851	11.8942	11.8942	0.12495	6.60986	6.60986	0.0826173	8.89826	8.89826	0.0363646	15.901	15.901	0.635568	0.581102	-1.72087	0.738561	0.683263	-1.46357	0.0161977	28.3415	28.3415	0.22625	4.241	4.241	2.89408	59.2628	18.202	1
cg24122751	BCAM;BCAM	0.0746828	0.0414926	0.351516	-2.84482	0.0414537	0.351425	-2.84556	0.0676276	0.402319	-2.48559	0.204008	0.550913	-1.81517	0.00860978	0.225376	-4.43703	0.131206	0.484456	-2.06417	0.0384942	0.344304	-2.90441	0.3093	0.6263	-1.59668	0.152959	0.506274	-1.97522	2.89406	9.06544	2.78438	1
cg26091510	LRIG2	0.0746828	0.504046	0.895323	-1.11692	0.821109	1.03763	1.03763	0.757757	1.05175	1.05175	0.564189	1.09973	1.09973	0.790273	1.04443	1.04443	0.224697	1.23119	1.23119	0.00348572	0.523889	-1.9088	0.365901	1.16357	1.16357	0.121281	1.31517	1.31517	2.89406	1.21901	0.374408	1
cg13318914	DDAH2	0.0746829	0.322981	0.790825	-1.2645	0.428298	1.2043	1.2043	0.324939	0.791624	-1.26323	0.0362749	0.571424	-1.75001	0.0637941	0.619407	-1.61445	0.306324	1.27566	1.27566	0.0164715	0.509841	-1.9614	0.382447	1.22863	1.22863	0.158143	0.706908	-1.41461	2.89406	2.42214	0.743941	1
cg01569295	MIR1182;FAM89A	0.0746842	0.188147	0.668056	-1.49688	0.0395651	1.99082	1.99082	0.334035	1.33402	1.33402	0.598319	0.857466	-1.16623	0.0351132	0.491634	-2.03404	0.0333814	0.487175	-2.05265	0.546678	1.19296	1.19296	0.976192	1.00867	1.00867	0.245861	0.70394	-1.42057	2.89404	3.83487	1.17786	1
cg00674265	SOCS1	0.0746844	0.00836087	0.745618	-1.34117	0.0453795	0.818774	-1.22134	0.0961595	0.852862	-1.17252	0.0773125	0.842756	-1.18658	0.64535	0.960434	-1.0412	0.629996	1.04319	1.04319	0.741379	1.02927	1.02927	0.0615834	0.832414	-1.20133	0.890553	1.01207	1.01207	2.89404	0.347826	0.106833	1
cg21251344	FAM90A7	0.0746858	0.0306411	0.2978	-3.35795	0.131754	0.460239	-2.17278	0.0198676	0.26157	-3.82306	0.604057	0.779163	-1.28343	0.0212233	0.266822	-3.74782	0.160048	0.488719	-2.04617	0.155841	0.484687	-2.06319	0.477645	0.708668	-1.4111	0.021507	0.26789	-3.73288	2.89402	10.4278	3.20287	1
cg22869804	HIC2	0.0746864	0.205385	1.75168	1.75168	0.0602575	2.43307	2.43307	0.056961	2.46903	2.46903	0.0735018	2.30999	2.30999	0.0211878	0.312663	-3.19834	0.951594	1.0258	1.0258	0.493842	1.33848	1.33848	0.295523	1.57642	1.57642	0.312177	1.55064	1.55064	2.89401	8.0691	2.47841	1
cg09988062	SAMD11	0.0746865	0.0737257	0.630791	-1.58531	0.204658	0.733917	-1.36255	0.27746	0.770233	-1.29831	0.488981	0.850041	-1.17641	0.00328262	0.396128	-2.52444	0.815937	1.05537	1.05537	0.0290336	0.551687	-1.81262	0.496213	0.852405	-1.17315	0.368929	0.807919	-1.23775	2.89401	2.44871	0.752117	1
cg25344017	BOP1	0.0746873	0.0198973	0.312419	-3.20083	0.722926	0.862984	-1.15877	0.0833625	0.452304	-2.2109	0.318903	1.53172	1.53172	0.0187204	0.307469	-3.25236	0.317105	0.651755	-1.53432	0.0254577	0.333136	-3.00178	0.444618	0.724283	-1.38068	0.42504	0.713762	-1.40103	2.89399	7.85336	2.41216	1
cg12797771	NME7;NME7	0.0746878	0.0679429	2.54513	2.54513	0.340976	1.56577	1.56577	0.711269	1.18517	1.18517	0.0677845	2.54682	2.54682	0.501344	0.732103	-1.36593	0.428564	1.44671	1.44671	0.306214	0.616275	-1.62265	0.00461857	5.59661	5.59661	0.394484	1.48962	1.48962	2.89399	9.56971	2.93934	1
cg19942640	TARS	0.074688	0.795949	0.940219	-1.06358	0.0596782	1.65783	1.65783	0.392245	1.23182	1.23182	0.194256	1.38634	1.38634	0.00866417	0.451148	-2.21657	0.433761	0.82696	-1.20925	0.283397	1.30358	1.30358	0.191907	1.38902	1.38902	0.584943	1.14019	1.14019	2.89398	2.59341	0.796567	1
cg23839680	CCT6A;PSPH;CCT6A	0.0746883	0.0102996	0.296753	-3.3698	0.31771	0.67834	-1.47419	0.0197971	0.34737	-2.87877	0.563455	1.24543	1.24543	0.402304	0.724629	-1.38002	0.329926	1.45908	1.45908	0.307558	0.672398	-1.48721	0.204636	0.60473	-1.65363	0.0728831	0.471509	-2.12085	2.89398	6.47219	1.98794	1
cg18275733	NCKAP5;NCKAP5	0.0746901	0.344633	1.18156	1.18156	0.134546	0.758406	-1.31856	0.0420552	0.669319	-1.49406	0.173046	0.779969	-1.2821	0.771185	1.05125	1.05125	0.0628401	1.43152	1.43152	0.0326729	1.53481	1.53481	0.657133	1.07957	1.07957	0.858541	1.03105	1.03105	2.89395	1.34641	0.413556	1
cg05793299	EPHA2	0.0746906	0.602515	1.2738	1.2738	0.0518298	2.77086	2.77086	0.00373394	6.07192	6.07192	0.0362517	3.06928	3.06928	0.997111	1.00167	1.00167	0.204887	1.85171	1.85171	0.604884	1.27175	1.27175	0.577661	1.29573	1.29573	0.723891	0.849281	-1.17747	2.89394	9.72305	2.98649	1
cg19218492	MGAT4C	0.0746923	0.734235	0.921338	-1.08538	0.0912335	0.6394	-1.56397	0.0257443	0.528999	-1.89036	0.00858913	0.446688	-2.2387	0.338143	0.788677	-1.26795	0.977982	0.993387	-1.00666	0.391253	1.23516	1.23516	0.515432	0.853368	-1.17183	0.049352	0.583145	-1.71484	2.89391	2.64941	0.813787	1
cg17188169	DDX43;DDX43	0.0746964	0.115563	0.377239	-2.65084	0.0323758	0.23987	-4.16893	0.0656464	0.308119	-3.2455	0.188533	2.21211	2.21211	0.081245	0.332385	-3.00856	0.260612	1.95158	1.95158	0.416197	0.622792	-1.60567	0.331135	1.77078	1.77078	0.348677	1.73293	1.73293	2.89385	14.884	4.57183	1
cg24275195	ALDH3A2;ALDH3A2	0.0746968	0.191927	0.84166	-1.18813	0.814094	1.02983	1.02983	0.00230492	0.587739	-1.70143	0.878409	1.01929	1.01929	0.347572	0.886307	-1.12828	0.943208	1.00893	1.00893	0.345848	1.12879	1.12879	0.325787	1.13498	1.13498	0.777086	0.965199	-1.03606	2.89384	0.713729	0.219233	1
cg07363330	IL31RA	0.0746971	0.503184	0.704235	-1.41998	0.0477433	0.3109	-3.21647	0.0930344	0.385336	-2.59514	0.0232827	0.246745	-4.05277	0.0225861	0.244324	-4.09293	0.0235986	0.247826	-4.03509	0.657838	0.794502	-1.25865	0.79754	0.875754	-1.14187	0.0625073	0.338952	-2.95027	2.89384	12.2071	3.7496	1
cg02922150	CLCN7;CLCN7	0.0746994	0.454286	0.801534	-1.24761	0.0302937	0.477517	-2.09417	0.255528	0.708561	-1.41131	0.0917305	0.583395	-1.7141	0.0119143	0.402175	-2.48648	0.342053	0.752668	-1.32861	0.237359	1.4323	1.4323	0.259702	1.40671	1.40671	0.367717	0.764489	-1.30806	2.8938	3.8608	1.18592	1
cg27639268	CUX2	0.0747012	?	?	?	0.907747	0.934722	-1.06984	0.462582	1.54567	1.54567	0.00277623	0.0905186	-11.0474	?	?	?	0.632156	0.75514	-1.32426	0.745513	0.827252	-1.20882	0.70798	1.24498	1.24498	0.60615	1.35372	1.35372	2.97641	12.4333	4.77403	1
cg07854954	HNRPDL;HNRPDL	0.0747014	0.0587551	0.496055	-2.01591	0.258048	0.678704	-1.4734	0.314279	1.4074	1.4074	0.826397	0.930407	-1.0748	0.104003	0.55781	-1.79272	0.131271	0.585642	-1.70753	0.0071998	0.320096	-3.12406	0.0522597	0.48434	-2.06467	0.328086	0.717842	-1.39306	2.89377	4.94252	1.51821	1
cg14134019	DAPK1	0.0747014	0.916237	0.974668	-1.02599	0.146529	0.68381	-1.46239	0.0236653	0.517464	-1.9325	0.24378	0.742725	-1.34639	0.00718239	0.428963	-2.3312	0.227221	0.734051	-1.3623	0.48479	1.18903	1.18903	0.821628	1.05662	1.05662	0.0826372	0.625754	-1.59807	2.89377	2.72604	0.837365	1
cg15577692	NTN1	0.0747021	0.982023	1.00448	1.00448	0.888166	1.02833	1.02833	0.43481	0.853661	-1.17143	0.0183359	0.566467	-1.76533	0.154398	1.3535	1.3535	0.210631	1.29941	1.29941	0.013451	1.83602	1.83602	0.924156	0.981271	-1.01909	0.927825	0.982172	-1.01815	2.89376	1.80686	0.55502	1
cg27576615	POLG;POLG	0.0747032	0.105251	0.22963	-4.35484	0.0342199	0.128252	-7.79715	0.0282472	0.116108	-8.61267	0.13113	0.257975	-3.87634	0.0611196	0.173051	-5.77864	0.0897203	0.211204	-4.73477	0.0214745	0.100635	-9.93688	0.042277	0.143064	-6.98989	0.111606	0.236832	-4.2224	2.89374	31.6666	9.72723	1
cg01344171	RSPH9	0.0747038	0.753191	1.18872	1.18872	0.172619	2.2156	2.2156	0.0264821	4.22847	4.22847	0.733934	0.829459	-1.20561	0.0297227	0.246037	-4.06444	0.276848	0.538014	-1.85869	0.0454006	3.51767	3.51767	0.597995	1.33861	1.33861	0.850006	1.10933	1.10933	2.89373	13.7663	4.2287	1
cg14386548	SLC25A20	0.0747048	0.496852	0.862711	-1.15914	0.0377142	0.596929	-1.67524	0.0550368	0.627694	-1.59313	0.837043	1.04507	1.04507	0.00299753	0.418372	-2.39022	0.704592	0.921696	-1.08496	0.336329	0.808789	-1.23642	0.424341	0.83974	-1.19085	0.306764	0.797317	-1.25421	2.89372	2.10021	0.64514	1
cg11776727	DSCAML1	0.0747053	0.0544206	0.281715	-3.54969	0.0121389	0.162884	-6.13933	0.075554	0.317171	-3.15287	0.351085	0.572872	-1.74559	0.0775564	0.320194	-3.12311	0.0254429	0.214025	-4.67235	0.0498617	0.272969	-3.66342	0.868506	0.9083	-1.10096	0.820664	0.876515	-1.14088	2.89371	15.4424	4.7436	1
cg02822723	BRD9;BRD9;BRD9;TRIP13;TRIP13	0.0747093	0.486116	0.87581	-1.1418	0.132269	1.35578	1.35578	0.0545162	1.50491	1.50491	0.451215	0.866033	-1.15469	0.387888	1.18037	1.18037	0.143196	0.744683	-1.34285	0.0731474	0.687662	-1.4542	0.122529	1.36828	1.36828	0.0701318	1.46137	1.46137	2.89365	1.60902	0.49427	1
cg08548710	KIAA0528	0.07471	0.289658	0.820424	-1.21888	0.651768	1.08526	1.08526	0.112235	1.36538	1.36538	0.139836	1.33123	1.33123	0.780183	0.950862	-1.05168	0.981661	0.995869	-1.00415	0.00815032	0.543405	-1.84025	0.785522	0.952062	-1.05035	0.0901916	1.39976	1.39976	2.89364	1.48644	0.456615	1
cg07309864	GGA3;GGA3	0.0747109	0.427975	0.813637	-1.22905	0.34286	1.2828	1.2828	0.00567776	0.396667	-2.521	0.970067	1.00961	1.00961	0.181118	0.696394	-1.43597	0.209502	1.40086	1.40086	0.297852	1.31657	1.31657	0.151538	1.47936	1.47936	0.954855	0.985676	-1.01453	2.89362	2.97652	0.914353	1
ch.5.2644049F	PCDH1;PCDH1	0.0747127	0.108623	0.796882	-1.25489	0.120002	0.803456	-1.24462	0.491231	0.913283	-1.09495	0.0590575	0.758388	-1.31859	0.510398	1.09048	1.09048	0.582901	1.07461	1.07461	0.418137	0.898218	-1.11332	0.977809	0.996398	-1.00362	0.0113339	1.50887	1.50887	2.89359	0.771399	0.236968	1
cg20174730	LOC151300;LOC151300	0.0747145	0.0454475	0.349545	-2.86086	0.80951	1.11699	1.11699	0.0299499	0.310365	-3.22201	0.340441	0.637573	-1.56845	0.072419	0.399149	-2.50533	0.180082	0.520896	-1.91977	0.0214645	0.282036	-3.54564	0.0197656	0.27539	-3.63122	0.236698	0.56666	-1.76473	2.89357	9.61875	2.95483	1
cg11122944	GAS7;GAS7;GAS7	0.0747153	0.138053	2.60253	2.60253	0.0043972	9.75416	9.75416	0.185778	2.31715	2.31715	0.65493	1.30923	1.30923	0.140522	2.58477	2.58477	0.0823412	3.16665	3.16665	0.0543655	3.69725	3.69725	0.0396167	4.15916	4.15916	0.420776	1.63662	1.63662	2.89355	16.4409	5.0506	1
cg25292358	C21orf81	0.0747153	0.883599	0.984827	-1.01541	0.20006	0.868251	-1.15174	0.683275	1.04374	1.04374	0.689965	0.959016	-1.04274	0.359133	0.90628	-1.10341	0.00312431	0.655887	-1.52465	0.109909	0.833714	-1.19945	0.229534	1.14064	1.14064	0.201263	0.868614	-1.15126	2.89355	0.499167	0.153342	1
cg18693479	KIF26A	0.0747158	0.408407	0.869663	-1.14987	0.00354528	1.92079	1.92079	0.319167	1.18534	1.18534	0.638321	1.08133	1.08133	0.784379	1.04634	1.04634	0.0778565	1.38212	1.38212	0.0892156	1.36278	1.36278	0.714322	1.0626	1.0626	0.431004	0.87569	-1.14196	2.89354	1.24998	0.383991	1
ch.12.897509F	NELL2;NELL2;NELL2;NELL2;NELL2	0.0747183	0.0201523	0.238019	-4.20134	0.48346	1.426	1.426	0.662036	1.24463	1.24463	0.00564908	0.151558	-6.59815	0.168086	0.478353	-2.0905	0.822084	1.11849	1.11849	0.216309	0.521085	-1.91907	0.726628	0.839812	-1.19074	0.471658	0.694274	-1.44035	3.10402	11.891	2.97953	1
cg06410510	ST6GAL2;ST6GAL2;ST6GAL2	0.074721	0.232057	1.95976	1.95976	0.906063	1.06542	1.06542	0.179464	0.465131	-2.14993	0.057084	3.1761	3.1761	0.884101	0.924685	-1.08145	0.0584406	3.15131	3.15131	0.111743	2.53403	2.53403	0.0347594	3.74758	3.74758	0.0285417	4.00323	4.00323	2.89346	13.206	4.05695	1
cg02921617	RGS11;RGS11	0.0747217	0.500424	1.32352	1.32352	0.00616994	4.32282	4.32282	0.018236	3.23635	3.23635	0.938581	1.03209	1.03209	0.364466	0.682559	-1.46508	0.409359	0.707662	-1.4131	0.975048	1.0129	1.0129	0.76916	1.12818	1.12818	0.221551	1.69311	1.69311	2.89345	7.69629	2.36436	1
cg17435965	C17orf55	0.0747219	0.905615	0.966392	-1.03478	0.392667	0.776957	-1.28707	0.0518811	0.528594	-1.89181	0.121704	0.616612	-1.62176	0.0668169	0.553104	-1.80798	0.629308	1.15048	1.15048	0.00708262	0.36683	-2.72606	0.250299	1.41372	1.41372	0.584949	0.853038	-1.17228	2.89345	3.80623	1.1693	1
cg02445907	C6orf222	0.0747237	0.0664238	0.586839	-1.70405	0.00824121	0.416879	-2.39877	0.703927	1.10391	1.10391	0.752682	0.921411	-1.08529	0.156039	0.675069	-1.48133	0.47823	0.829708	-1.20524	0.126238	0.651584	-1.53472	0.0260897	0.504799	-1.98099	0.475179	1.20686	1.20686	2.89342	3.07222	0.943819	1
cg23591853	IFT172	0.0747245	0.606726	0.841436	-1.18844	0.655007	0.861107	-1.1613	0.0558968	2.05472	2.05472	0.0132633	2.77456	2.77456	0.64938	0.85883	-1.16438	0.615821	0.845166	-1.1832	0.0806307	0.525056	-1.90456	0.0770152	1.92281	1.92281	0.815811	1.08067	1.08067	2.89341	5.06629	1.55642	1
cg23494757	ECE2;ECE2;ECE2;ECE2	0.0747249	0.694447	1.18391	1.18391	0.887471	0.941252	-1.06241	0.533686	0.763727	-1.30937	0.0504885	0.385525	-2.59387	0.125488	0.492117	-2.03204	0.32071	0.644858	-1.55073	0.00256564	0.16728	-5.97799	0.832932	1.09453	1.09453	0.337017	0.654905	-1.52694	2.8934	8.37903	2.57414	1
cg06996956	C10orf72	0.074726	0.0512226	0.12289	-8.13737	0.92514	1.09281	1.09281	0.862124	0.848613	-1.17839	0.648906	0.648657	-1.54165	0.0411038	0.108011	-9.25836	0.621056	0.624643	-1.60091	0.00429075	0.0271339	-36.8543	0.799479	1.27172	1.27172	0.11212	0.195221	-5.12239	2.89338	40.8644	12.5541	1
cg23292160	SFRP2	0.074727	0.0122593	0.679785	-1.47105	0.966071	1.00528	1.00528	0.796538	0.96854	-1.03248	0.558009	0.929328	-1.07605	0.512717	0.921148	-1.0856	0.696973	1.0496	1.0496	0.347074	0.887112	-1.12725	0.0384409	1.34543	1.34543	0.0577909	1.30393	1.30393	2.89337	0.701372	0.215473	1
cg16183741	TBCD	0.0747277	0.641896	1.23003	1.23003	0.00396178	0.180338	-5.54515	0.357016	0.657859	-1.52008	0.977741	1.01241	1.01241	0.803273	0.895529	-1.11666	0.103287	0.454881	-2.19837	0.907375	0.949848	-1.0528	0.0801876	2.35858	2.35858	0.988682	1.00629	1.00629	2.89336	8.95498	2.75112	1
cg13643184	RASA3	0.0747287	0.380309	0.795045	-1.25779	0.0244612	0.50502	-1.98012	0.151688	0.676072	-1.47913	0.146718	0.672361	-1.4873	0.492766	0.83733	-1.19427	0.0981377	1.58782	1.58782	0.0912848	1.60637	1.60637	0.244695	1.36363	1.36363	0.284495	0.753257	-1.32757	2.89334	2.97638	0.9144	1
cg11880023	MIR523	0.0747303	0.0122569	0.241982	-4.13253	0.348146	0.6445	-1.55159	0.018462	0.272604	-3.66833	0.305975	1.61935	1.61935	0.0480866	0.357915	-2.79396	0.484792	0.724079	-1.38106	0.55745	1.30972	1.30972	0.801899	0.891968	-1.12112	0.30623	0.617699	-1.61891	2.89332	9.47711	2.91157	1
cg03083695	ST6GALNAC6	0.0747325	0.229126	0.651524	-1.53486	0.00637967	3.33699	3.33699	0.303286	1.43617	1.43617	0.120151	1.77242	1.77242	0.470726	0.7795	-1.28287	0.0476994	2.15697	2.15697	0.693655	0.874241	-1.14385	0.741982	1.11869	1.11869	0.316927	1.42082	1.42082	2.89328	5.28119	1.62252	1
cg05523653	TIMM22	0.0747348	0.863103	0.95816	-1.04367	0.224829	1.37127	1.37127	0.0428845	1.78091	1.78091	0.637173	0.889001	-1.12486	0.963053	1.01154	1.01154	0.0675831	0.60222	-1.66052	0.0129456	2.14673	2.14673	0.813781	0.943238	-1.06018	0.268535	0.751715	-1.33029	2.89325	2.81037	0.863427	1
cg25950769	AKAP13;AKAP13	0.0747348	0.0153052	0.194479	-5.14193	0.0790183	0.342135	-2.92282	0.309146	0.560544	-1.78398	0.279998	0.539218	-1.85454	0.00858967	0.158276	-6.31806	0.17162	0.44916	-2.22638	0.0698267	0.327914	-3.04958	0.722701	0.822052	-1.21647	0.0661187	0.321842	-3.10712	2.89325	13.8595	4.25804	1
cg21306321	MED16	0.0747373	0.323245	1.27359	1.27359	0.00264299	2.6808	2.6808	0.0744392	1.60176	1.60176	0.362237	1.24854	1.24854	0.984756	0.995482	-1.00454	0.460232	1.19508	1.19508	0.086155	1.56741	1.56741	0.823037	1.05453	1.05453	0.494689	0.848435	-1.17864	2.89321	2.57442	0.790947	1
cg04529868	CHURC1	0.0747379	0.269087	0.776242	-1.28826	0.777584	1.0643	1.0643	0.906647	0.974514	-1.02615	0.146062	0.709349	-1.40974	0.076212	0.647815	-1.54365	0.114297	0.685225	-1.45938	0.0288845	0.56723	-1.76295	0.00861964	0.478486	-2.08993	0.434394	1.19187	1.19187	2.8932	2.2191	0.681783	1
cg04941987	ATF6B;ATF6B;FKBPL	0.0747388	0.0295119	0.142604	-7.01241	0.0138278	0.0990705	-10.0938	0.394972	0.515794	-1.93876	0.519583	0.608908	-1.64228	0.0262334	0.134842	-7.4161	0.90065	0.909455	-1.09956	0.0262232	0.134817	-7.41746	0.617946	0.68242	-1.46537	0.117926	0.275217	-3.6335	2.89318	26.4604	8.12958	1
cg22998033	MYO1C;MYO1C	0.074739	0.621152	1.14368	1.14368	0.646859	1.13236	1.13236	0.154971	0.663537	-1.50707	0.65574	0.886107	-1.12853	0.0392061	0.525703	-1.90222	0.0224759	2.08904	2.08904	0.959731	1.0137	1.0137	0.0378447	1.91351	1.91351	0.678791	0.893847	-1.11876	2.89318	3.32765	1.02237	1
cg26617486	COL22A1	0.0747397	0.446313	0.796165	-1.25602	0.0120625	0.398837	-2.50729	0.0452499	0.509406	-1.96307	0.13937	0.626804	-1.59539	0.211597	0.679479	-1.47172	0.0669401	0.547136	-1.8277	0.675351	1.13166	1.13166	0.849376	1.05742	1.05742	0.0226809	0.448849	-2.22792	2.89317	3.951	1.21389	1
cg14923438	MTMR9	0.0747408	0.552493	0.721943	-1.38515	0.0826004	0.352644	-2.83572	0.0298205	0.250059	-3.99906	0.59686	0.748714	-1.33562	0.283815	0.54679	-1.82885	0.741302	0.835593	-1.19676	0.646238	0.778361	-1.28475	0.0113207	5.58138	5.58138	0.579366	1.35468	1.35468	2.89315	13.4687	4.1381	1
cg07001481	DERL2;MIS12	0.0747429	0.137732	0.541171	-1.84785	0.737078	1.13819	1.13819	0.256014	1.57693	1.57693	0.408575	0.722743	-1.38362	0.685897	0.855398	-1.16905	0.0283974	0.370158	-2.70155	0.00504778	0.240635	-4.15566	0.72002	0.870868	-1.14828	0.97559	1.01182	1.01182	2.89312	6.76174	2.07749	1
cg03950246	NEO1	0.0747434	0.330046	0.663192	-1.50786	0.0509814	2.48011	2.48011	0.121626	1.9851	1.9851	0.143933	1.8993	1.8993	0.0561378	0.413188	-2.4202	0.259627	1.61686	1.61686	0.667453	0.838108	-1.19316	0.0656472	0.429946	-2.32587	0.526898	1.29947	1.29947	2.89311	7.64965	2.3503	1
cg02994349	SGIP1	0.0747463	0.998892	0.99918	-1.00082	?	?	?	0.599613	0.73131	-1.36741	0.321251	1.83193	1.83193	0.11433	0.362546	-2.75827	0.648113	1.31185	1.31185	0.0550983	0.276731	-3.61362	0.663783	0.772306	-1.29482	0.00551542	0.115912	-8.62724	2.92989	14.3939	4.91277	1
cg07852757	EGR2;EGR2;EGR2;EGR2	0.0747471	0.199264	0.755964	-1.32281	0.422401	0.844482	-1.18416	0.410544	1.18956	1.18956	0.338802	1.22553	1.22553	0.0146676	1.85844	1.85844	0.0324751	0.596692	-1.67591	0.238975	0.775402	-1.28965	0.27858	0.792641	-1.26161	0.973847	1.00678	1.00678	2.89305	1.94942	0.59896	1
cg16095593	ZNF692	0.0747476	0.240668	0.795368	-1.25728	0.423464	1.16459	1.16459	0.0480645	0.656294	-1.52371	0.96221	0.991208	-1.00887	0.0064628	0.516862	-1.93475	0.808152	1.04638	1.04638	0.122845	1.36559	1.36559	0.396562	0.850604	-1.17563	0.896093	1.02465	1.02465	2.89304	1.5917	0.489051	1
cg12137665	TMEM45A	0.0747488	0.446784	0.801629	-1.24746	0.00600247	0.359212	-2.78387	0.42416	0.792355	-1.26206	0.911017	0.968626	-1.03239	0.0294569	0.481352	-2.07748	0.0684208	0.558942	-1.78909	0.879768	1.04411	1.04411	0.602839	1.16147	1.16147	0.0821172	0.577398	-1.73191	2.89303	3.72531	1.14461	1
cg23791626	PITPNC1;PITPNC1	0.0747493	0.076659	0.247565	-4.03934	0.224226	0.404472	-2.47236	0.798018	1.19939	1.19939	0.123961	0.306932	-3.25805	0.02383	0.147774	-6.76709	0.194506	0.377936	-2.64595	0.00587805	0.0776381	-12.8803	0.256687	0.431999	-2.31482	0.109381	0.290081	-3.44731	2.89302	23.0304	7.07617	1
cg21318521	C6orf203;C6orf203;C6orf203	0.0747498	0.953602	1.00735	1.00735	0.978913	1.00333	1.00333	0.570274	1.0749	1.0749	0.724237	0.956383	-1.04561	0.0468539	0.750904	-1.33173	0.907549	0.98548	-1.01473	0.00314517	0.601577	-1.6623	0.246247	1.16494	1.16494	0.88378	0.981753	-1.01859	2.89301	0.726278	0.223152	1
cg14924052	TMEM45B	0.0747502	0.410588	1.37847	1.37847	0.883457	1.05755	1.05755	0.229602	1.61746	1.61746	0.157408	0.561741	-1.78018	0.192389	0.590783	-1.69267	0.0451551	0.416151	-2.40297	0.0125215	0.305786	-3.27026	0.315886	1.48521	1.48521	0.213077	0.606416	-1.64903	2.893	6.66684	2.04842	1
cg07125725	ZKSCAN1	0.0747504	0.0258374	0.374903	-2.66736	0.0303892	0.389277	-2.56887	0.115368	0.530125	-1.88635	0.4224	0.73799	-1.35503	0.00610987	0.265322	-3.76901	0.11798	0.532933	-1.87641	0.146102	0.560749	-1.78333	0.494273	0.773103	-1.29349	0.446598	0.750048	-1.33325	2.893	6.29804	1.93511	1
cg24393470	UTRN	0.074752	0.754891	1.12207	1.12207	0.396381	0.726584	-1.3763	0.490727	0.773031	-1.29361	0.709755	0.871542	-1.14739	0.002764	0.2191	-4.56413	0.0596191	0.457591	-2.18536	0.426407	1.34807	1.34807	0.84749	1.07338	1.07338	0.169822	0.584056	-1.71216	2.89297	6.19691	1.90405	1
cg26911804	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.0747525	0.900545	1.03965	1.03965	0.590577	1.18399	1.18399	0.636888	0.862548	-1.15936	0.123598	1.67975	1.67975	0.323935	0.728481	-1.37272	0.124352	1.67772	1.67772	0.79101	0.920728	-1.0861	0.00716941	2.94337	2.94337	0.0868262	0.55538	-1.80057	2.89297	4.43061	1.36134	1
cg17336400	MNAT1	0.0747536	0.258673	0.537374	-1.8609	0.0175817	4.58349	4.58349	0.0664437	2.9586	2.9586	0.0937432	0.378605	-2.64128	0.246702	0.528161	-1.89336	?	?	?	0.321712	1.71514	1.71514	0.632858	1.28869	1.28869	0.964849	1.0235	1.0235	2.92977	11.4544	3.90965	1
cg15778089	ARPP-21;ARPP-21;ARPP-21;ARPP-21	0.0747576	0.0707802	0.273108	-3.66155	0.259992	0.469853	-2.12833	0.608038	1.39452	1.39452	0.587489	0.703204	-1.42206	0.0824001	0.290299	-3.44472	0.11073	0.327202	-3.05621	0.0135862	0.140428	-7.12107	0.101924	3.16104	3.16104	0.215179	0.432273	-2.31335	2.89289	18.9341	5.81783	1
cg01285391	ZNF816A	0.0747577	0.364117	0.841757	-1.18799	0.0661526	0.683382	-1.46331	0.00205265	0.44832	-2.23055	0.907373	1.02173	1.02173	0.805408	0.955432	-1.04665	0.585987	0.903404	-1.10692	0.21089	0.783886	-1.2757	0.694693	0.92973	-1.07558	0.107122	0.722617	-1.38386	2.89288	1.56316	0.480308	1
cg25616787	SPSB1	0.0747579	0.227353	0.443429	-2.25515	0.746372	0.812013	-1.23151	0.953628	0.963371	-1.03802	0.609729	0.718668	-1.39146	0.00180738	0.0580127	-17.2376	0.347214	0.537355	-1.86097	0.147002	0.368369	-2.71467	0.888262	0.913738	-1.09441	0.072119	0.275812	-3.62566	2.89288	18.8655	5.79675	1
cg00206052	RP11-529I10.4;POLL	0.0747581	0.774764	0.95674	-1.04522	0.0318529	0.678597	-1.47363	0.236583	0.826004	-1.21065	0.0782394	0.73966	-1.35197	0.957905	0.991897	-1.00817	0.352654	0.862928	-1.15885	0.198099	0.810853	-1.23327	0.106635	1.31201	1.31201	0.0435429	1.43011	1.43011	2.89288	1.08859	0.334489	1
cg09180480	ZNF789;ZNF789	0.07476	0.802506	1.04167	1.04167	0.0235907	0.643777	-1.55333	0.908152	0.981374	-1.01898	0.288452	0.835662	-1.19666	0.569748	1.09811	1.09811	0.18407	0.794882	-1.25805	0.00798021	0.574658	-1.74016	0.243486	1.21996	1.21996	0.237173	0.817296	-1.22355	2.89285	1.21598	0.373637	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01142936	NPLOC4	0.0747604	0.187256	0.702845	-1.42279	0.326712	0.775382	-1.28969	0.0260434	1.97115	1.97115	0.426587	1.22583	1.22583	0.00958268	0.426581	-2.34422
cg21698790	HRK	0.0747613	0.110922	0.803651	-1.24432	0.170468	1.20169	1.20169	0.168384	1.20291	1.20291	0.215003	0.848508	-1.17854	0.0336271	1.36662	1.36662
cg01025720	ATP11A;ATP11A	0.0747615	0.6925	0.86583	-1.15496	0.0527515	0.450206	-2.2212	0.00875313	0.298078	-3.35482	0.943264	1.02613	1.02613	0.0731006	0.484574	-2.06367
cg07893916	SNORD11B;NOP58	0.0747651	0.297856	0.718024	-1.39271	0.923845	0.971078	-1.02978	0.649288	0.868898	-1.15088	0.83619	0.938425	-1.06561	0.0153706	0.401298	-2.49192
cg15360181	SLC9A9	0.0747652	0.0730093	0.216794	-4.61267	0.00488652	0.0577287	-17.3224	0.0176774	0.110124	-9.08067	0.354665	0.482872	-2.07094	0.200207	0.355385	-2.81385
cg10060574	IER3	0.0747656	0.546276	0.697004	-1.43471	0.125327	2.66638	2.66638	0.103328	2.86696	2.86696	0.203704	2.21018	2.21018	0.491573	0.661673	-1.51132
cg03143333	CCDC11	0.0747663	0.576822	1.13504	1.13504	0.0529682	1.63909	1.63909	0.936715	0.982316	-1.018	0.227783	1.32904	1.32904	0.246897	1.31265	1.31265
cg11451801	PSMB10	0.0747669	0.10116	0.709909	-1.40863	0.619175	1.10036	1.10036	0.421906	0.855058	-1.16951	0.340554	0.829057	-1.20619	0.00622664	0.506299	-1.97512
cg18460373	NFKBIA	0.0747681	0.431804	1.14218	1.14218	0.00289639	1.97097	1.97097	0.310919	1.18972	1.18972	0.057085	1.42862	1.42862	0.679302	1.07131	1.07131
cg13636908	JMY	0.0747683	0.879248	1.02967	1.02967	0.141001	1.35595	1.35595	0.180701	1.31437	1.31437	0.932044	0.983731	-1.01654	0.933326	0.984036	-1.01622
cg13993914	COBRA1	0.0747689	0.0239742	0.249061	-4.01509	0.0352889	0.282137	-3.54437	0.121731	0.420688	-2.37706	0.0976766	0.391443	-2.55465	0.0191455	0.231484	-4.31996
cg07349805	PCGF3	0.0747691	0.316157	1.29062	1.29062	0.679561	1.10766	1.10766	0.205127	1.38972	1.38972	0.297666	0.766609	-1.30445	0.141395	1.47597	1.47597
cg17167053	C6orf106;C6orf106	0.0747691	0.56975	0.891152	-1.12214	0.403793	0.842505	-1.18694	0.529232	1.1364	1.1364	0.869117	0.967459	-1.03364	0.401964	0.841916	-1.18777
cg12331980	CCDC141;CCDC141	0.0747699	0.983848	0.994617	-1.00541	0.00607368	0.384751	-2.59908	0.0148119	0.449622	-2.22409	0.6513	0.885771	-1.12896	0.800229	0.934634	-1.06994
cg17994788	C1GALT1	0.074771	0.579277	0.787323	-1.27013	0.00527165	4.80946	4.80946	0.776184	1.12941	1.12941	0.703757	0.849494	-1.17717	0.0808749	0.437598	-2.2852
cg14777161	TRIM52	0.0747728	0.226298	1.15914	1.15914	0.112703	1.22226	1.22226	0.0391442	0.757698	-1.31979	0.0726925	1.26206	1.26206	0.334605	1.12262	1.12262
cg08349335	WDR27	0.0747744	0.853717	0.916839	-1.0907	0.00385475	0.160139	-6.24459	0.0864192	0.410233	-2.43764	0.894511	1.0644	1.0644	0.933401	1.0401	1.0401
cg25205727	GRTP1	0.0747764	0.370268	0.902566	-1.10795	0.0217085	1.35938	1.35938	0.591408	0.941411	-1.06224	0.228413	0.868621	-1.15125	0.706832	1.043	1.043
cg14989243	FILIP1	0.0747766	0.0916883	0.531149	-1.88271	0.492114	1.26835	1.26835	0.112159	0.554691	-1.80281	0.758768	1.11066	1.11066	0.10355	0.54521	-1.83415
cg20667782	ASXL2	0.0747768	0.139244	0.847479	-1.17997	0.53081	1.06825	1.06825	0.309548	1.11556	1.11556	0.449593	0.923002	-1.08342	0.046318	1.26791	1.26791
cg21195235	KATNAL2	0.074777	0.989146	1.0096	1.0096	0.00853763	10.5702	10.5702	0.68194	1.33581	1.33581	0.0964506	0.277359	-3.60544	0.813456	0.846964	-1.18069
cg19822229	TRAPPC3	0.0747771	0.0132461	0.303104	-3.2992	0.089055	0.482313	-2.07334	0.168356	0.565092	-1.76962	0.0881598	0.481125	-2.07846	0.0099148	0.281762	-3.54909
cg17864421	MAVS	0.0747777	0.879803	1.02726	1.02726	0.365938	0.847807	-1.17951	0.475605	0.879026	-1.13762	0.00636491	0.531955	-1.87986	0.383159	1.17228	1.17228
cg25696807	MIR891A	0.074779	0.394476	1.49306	1.49306	0.585308	1.28817	1.28817	0.939732	1.03536	1.03536	0.4477	0.700733	-1.42708	0.15609	0.497906	-2.00841
cg15031103	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0747801	0.126854	0.650973	-1.53616	0.900458	0.96799	-1.03307	0.14934	0.66901	-1.49475	0.402341	0.800257	-1.2496	0.00138654	0.299673	-3.33697
cg07850896	FBXW11;FBXW11;FBXW11	0.0747837	0.0548646	0.284323	-3.51713	0.282494	0.524642	-1.90606	0.17229	0.4321	-2.31428	0.43815	0.633319	-1.57898	0.00498655	0.116883	-8.55555
cg05695927	SPATA5L1;SPATA5L1;SPATA5L1	0.0747839	0.792311	0.973946	-1.02675	0.259933	1.12475	1.12475	0.753004	1.03209	1.03209	0.0804691	0.823689	-1.21405	0.593204	0.947486	-1.05542
cg01725773	C14orf93;C14orf93;C14orf93	0.0747848	0.0356443	0.474921	-2.10561	0.0522962	1.95832	1.95832	0.287417	0.714382	-1.39981	0.800487	0.925789	-1.08016	0.0390706	0.483248	-2.06933
cg06785701	LOC407835	0.074785	0.674404	0.722587	-1.38392	0.0556897	0.188764	-5.29761	0.0963407	0.245602	-4.07163	0.745835	0.778724	-1.28415	0.0437225	0.16817	-5.94637
cg24384676	SLC25A21;LOC100129794;SLC25A21	0.0747858	0.961981	0.988601	-1.01153	0.361413	0.798002	-1.25313	0.100348	1.54181	1.54181	0.830923	1.05277	1.05277	0.18659	0.714095	-1.40037
cg02021127	PIP5KL1	0.0747878	0.0172785	0.1236	-8.09063	0.0335481	0.166943	-5.99006	0.056899	0.211521	-4.72766	0.375084	0.518765	-1.92765	0.0396337	0.179904	-5.55851
cg02673417	MAP3K5	0.0747884	0.764502	1.1622	1.1622	0.00586626	6.0754	6.0754	0.0258297	3.75866	3.75866	0.502525	0.711432	-1.40561	0.952437	1.03029	1.03029
cg07719512	SLC11A1	0.0747896	0.286767	0.672831	-1.48626	0.260827	0.656972	-1.52213	0.0362667	0.418057	-2.39202	0.0312173	0.404301	-2.4734	0.0149939	0.34257	-2.91911
cg06595479	C19orf20	0.074793	0.835363	0.918321	-1.08894	0.226153	1.68264	1.68264	0.270538	0.62518	-1.59954	0.402594	0.704179	-1.42009	0.212805	1.71129	1.71129
cg16105620	KCNE3	0.0747953	0.199087	2.14297	2.14297	0.0307445	4.15929	4.15929	0.34587	1.72513	1.72513	0.250088	0.509088	-1.9643	0.461831	0.656543	-1.52313
cg00275234	UNC84A;UNC84A	0.0747954	?	?	?	0.0627417	1.76212	1.76212	0.922241	0.973932	-1.02677	0.053705	0.552852	-1.8088	0.0140885	0.440504	-2.27013
cg12783491	MATN3	0.0747978	0.0804395	0.48831	-2.04788	0.0858945	0.495784	-2.01701	0.211993	0.615078	-1.62581	0.030499	0.390679	-2.55964	0.0252158	0.373866	-2.67475
cg14652230	NICN1	0.0747981	0.0879437	0.713668	-1.40121	0.019066	1.66247	1.66247	0.260614	0.810441	-1.2339	0.266902	1.23023	1.23023	0.676906	0.927684	-1.07795
cg22388634	VSX1	0.0748017	0.564285	0.393808	-2.53931	0.0207053	85.9617	85.9617	0.361045	4.48773	4.48773	0.129253	13.7505	13.7505	0.129211	13.7552	13.7552
cg05709923	SAMM50	0.074802	0.320998	0.901497	-1.10927	0.0259266	1.30657	1.30657	0.056185	0.80355	-1.24448	0.711303	0.963101	-1.03831	0.207287	1.14396	1.14396
cg20535715	NAT10;NAT10	0.0748022	0.102786	0.799783	-1.25034	0.0562403	1.31076	1.31076	0.271323	1.15412	1.15412	0.852109	1.02363	1.02363	0.00712117	1.54509	1.54509
cg00878747	CKM	0.0748038	0.12505	0.518262	-1.92953	0.00788451	0.259432	-3.85458	0.393887	0.70772	-1.41299	0.062136	0.435473	-2.29635	0.039612	0.389839	-2.56516
cg16541275	RPTOR;RPTOR	0.0748073	0.0455816	0.691873	-1.44535	0.234	1.22197	1.22197	0.0447046	0.690533	-1.44816	0.62885	0.924726	-1.0814	0.0544336	0.704233	-1.41998
cg14701682	MIR206	0.0748082	0.350745	0.793488	-1.26026	0.05962	1.66859	1.66859	0.903305	0.971153	-1.0297	0.101634	0.649456	-1.53975	0.0466287	0.577676	-1.73107
cg10652558	ZNF479	0.0748098	0.0340374	0.26366	-3.79277	0.0059172	0.14371	-6.95845	0.147811	0.433147	-2.30869	0.249817	0.523073	-1.91178	0.0621811	0.322604	-3.09978
cg22243039	G6PC3;G6PC3;G6PC3	0.0748117	0.241219	0.545208	-1.83416	0.0441002	3.13823	3.13823	0.846842	0.908817	-1.10033	0.631529	1.26986	1.26986	0.0126074	0.215743	-4.63515
cg05798059	MPPED2;MPPED2	0.0748137	0.219077	0.793422	-1.26036	0.377892	0.850459	-1.17584	0.657654	1.08312	1.08312	0.661362	1.08211	1.08211	0.00201761	0.458477	-2.18114
cg05172940	RTEL1;TNFRSF6B;TNFRSF6B;RTEL1	0.0748159	0.00487858	0.279394	-3.57917	0.648635	1.16973	1.16973	0.211564	0.637791	-1.56791	0.78552	1.0977	1.0977	0.0748363	0.507603	-1.97004
cg10508579	ARHGEF4;ARHGEF4	0.0748187	0.143264	0.727231	-1.37508	0.374059	0.831307	-1.20292	0.188268	0.754049	-1.32617	0.265517	0.79061	-1.26485	0.0157749	0.54938	-1.82024
cg09271157	PPAPDC1A	0.0748201	0.566512	0.854772	-1.1699	0.0276318	0.493964	-2.02444	0.803754	0.934792	-1.06976	0.106089	1.61287	1.61287	0.342079	0.767117	-1.30358
cg18282849	CCDC81;CCDC81	0.0748206	0.1164	0.289431	-3.45506	0.960007	1.03711	1.03711	0.703082	0.757069	-1.32088	0.551973	0.645782	-1.54851	0.0037755	0.0584136	-17.1193
cg01007737	LOC100128788;LOC100128788	0.0748218	0.584575	1.18415	1.18415	0.225106	1.47708	1.47708	0.0455786	0.495652	-2.01754	0.451814	0.790817	-1.26452	0.00722488	0.346009	-2.8901
cg17303299	ENO2	0.074825	0.894762	1.02533	1.02533	0.343623	0.830909	-1.2035	0.9086	0.978525	-1.02195	0.0172621	1.76095	1.76095	0.6908	0.92716	-1.07856
cg06879219	SMOC1;SMOC1	0.0748257	0.555002	1.11011	1.11011	0.0122726	0.579419	-1.72587	0.283158	0.822752	-1.21543	0.346083	0.843861	-1.18503	0.478126	1.13448	1.13448
cg24677036	LOC100130872-SPON2;SPON2;SPON2	0.0748259	0.287508	0.644965	-1.55047	0.0710735	2.22723	2.22723	0.984542	1.00772	1.00772	0.946009	1.02726	1.02726	0.01735	0.316432	-3.16024
cg11415548	PIPSL	0.0748276	0.0452499	0.540696	-1.84947	0.70771	1.10608	1.10608	0.716514	0.906994	-1.10254	0.119131	0.635872	-1.57264	0.0472473	0.544592	-1.83624
cg24322144	TMEM128	0.0748279	0.956362	1.0148	1.0148	0.941238	0.980396	-1.02	0.364005	1.2847	1.2847	0.073496	1.709	1.709	0.444656	1.23278	1.23278
cg27309383	GALNT14	0.0748291	0.150725	0.690672	-1.44786	0.495925	0.846929	-1.18074	0.0947411	1.55471	1.55471	0.584976	0.875882	-1.14171	0.00896474	0.449913	-2.22265
cg08420066	KIAA1949;KIAA1949	0.0748305	0.0632089	0.543334	-1.84049	0.917928	0.970355	-1.03055	0.258211	0.708612	-1.41121	0.148325	0.635911	-1.57255	0.0885795	0.577815	-1.73066
cg03523538	MAZ;MAZ	0.0748309	0.0844907	0.62534	-1.59913	0.515381	1.17617	1.17617	0.0273494	1.90072	1.90072	0.0972948	1.56463	1.56463	0.0251628	0.519404	-1.92528
cg17695512	OR10AG1	0.074833	0.0931786	0.226253	-4.41983	0.250877	0.380835	-2.62581	0.177726	0.31584	-3.16616	0.337927	0.451625	-2.21423	0.0148805	0.0897939	-11.1366
cg14134408	RYR1;RYR1	0.0748331	0.010399	0.394631	-2.53401	0.265375	0.715717	-1.3972	0.180931	0.664092	-1.50582	0.367045	1.30607	1.30607	0.0086174	0.380877	-2.62552
cg22271905	GDPD5	0.0748342	0.232115	0.588105	-1.70038	0.0411607	2.71273	2.71273	0.576953	0.787632	-1.26963	0.273024	1.62133	1.62133	0.0279838	0.332942	-3.00352
cg03860665	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	0.0748355	0.0454734	1.72727	1.72727	0.164398	1.42397	1.42397	0.180706	1.40302	1.40302	0.0464588	0.580789	-1.7218	0.367401	0.802041	-1.24682
cg23161251	LOC145814;LOC145814	0.0748372	0.0052724	0.311669	-3.20854	0.390521	0.756653	-1.32161	0.0338724	0.456092	-2.19254	0.453352	1.27391	1.27391	0.10362	0.568874	-1.75786
cg24062754	RNF44	0.0748382	0.173869	0.660134	-1.51484	0.0300303	2.08056	2.08056	0.0857478	1.72487	1.72487	0.780469	1.08351	1.08351	0.946401	1.01949	1.01949
cg05212323	LIPM	0.0748396	0.797762	0.936824	-1.06744	0.419712	1.2331	1.2331	0.156106	1.47053	1.47053	0.946769	1.01711	1.01711	0.496135	0.838933	-1.19199
cg16091995	ALS2CR11;ALS2CR11;ALS2CR11;ALS2CR11	0.0748404	0.756582	1.09835	1.09835	0.312717	1.37033	1.37033	0.249284	0.695381	-1.43806	0.292935	1.38982	1.38982	0.00868831	0.364581	-2.74288
cg11400774	MEX3A	0.0748408	0.0390288	0.102801	-9.72757	0.0409856	0.10582	-9.44997	0.406492	0.445447	-2.24493	0.569901	0.578771	-1.7278	0.0283466	0.0850309	-11.7604
cg20248866	PCYT2	0.074842	0.958527	0.986654	-1.01353	0.0342728	1.89291	1.89291	0.0700689	1.68753	1.68753	0.0437438	1.82015	1.82015	0.618951	0.8785	-1.1383
cg05166473	BANP;BANP	0.0748426	0.0971953	0.560326	-1.78468	0.0840361	0.544263	-1.83735	0.222307	0.664891	-1.50401	0.0660674	0.518862	-1.92729	0.442651	0.779507	-1.28286
cg05349062	TLX2;TLX2	0.0748428	0.661106	0.755326	-1.32393	0.0106235	7.71837	7.71837	0.567589	1.44413	1.44413	0.571819	0.695295	-1.43824	0.439745	0.605784	-1.65075
cg15620385	ITPR2	0.0748437	0.320312	1.16917	1.16917	0.28514	1.18408	1.18408	0.0277139	1.48597	1.48597	0.0235653	1.50914	1.50914	0.738085	1.0524	1.0524
cg07704934	ALX4	0.0748445	0.514601	0.701308	-1.42591	0.21732	0.498142	-2.00746	0.215195	2.01463	2.01463	0.0244139	4.21998	4.21998	0.229011	0.507753	-1.96946
cg12755471	C12orf74	0.0748452	0.323924	1.15668	1.15668	0.0103728	0.630507	-1.58603	0.861424	1.02528	1.02528	0.31511	0.862079	-1.15999	0.257343	1.18399	1.18399
cg10640371	SLC5A3;SLC5A3;MRPS6	0.0748471	0.159454	0.742463	-1.34687	0.0465924	1.57045	1.57045	0.563123	1.12275	1.12275	0.749391	1.06554	1.06554	0.824068	1.04509	1.04509
cg07554251	SGK3;SGK3;SGK3	0.0748482	0.0636852	0.640889	-1.56033	0.0354137	1.6866	1.6866	0.0707113	1.53878	1.53878	0.997985	0.999461	-1.00054	0.466061	1.17152	1.17152
cg06777522	PLSCR4;PLSCR4;PLSCR4;PLSCR4	0.0748485	0.0293521	0.406647	-2.45914	0.234257	1.54832	1.54832	0.424736	1.33084	1.33084	0.00848294	0.307868	-3.24815	0.623972	0.840942	-1.18914
cg22671931	KIAA0562;DFFB	0.0748517	0.583399	1.17778	1.17778	0.451572	1.25432	1.25432	0.0054939	2.94027	2.94027	0.0954236	1.71807	1.71807	0.226263	1.45554	1.45554
cg14706178	LRGUK	0.0748518	0.719187	0.921746	-1.0849	0.0285879	1.79129	1.79129	0.205933	1.35138	1.35138	0.70497	1.08964	1.08964	0.235557	1.32387	1.32387
cg21223094	ETV6	0.074852	0.0881527	0.381249	-2.62296	0.131799	0.434469	-2.30166	0.117575	0.418514	-2.38941	0.396749	0.64101	-1.56004	0.0167173	0.223815	-4.46799
cg07143303	MAD1L1;MAD1L1;MAD1L1	0.0748529	0.0963009	0.400967	-2.49397	0.0528056	0.332348	-3.0089	0.0285417	0.274412	-3.64415	0.3627	0.626137	-1.5971	0.0169799	0.232962	-4.29254
cg03489186	FANCI;FANCI	0.0748533	0.0383549	0.138936	-7.19756	0.102725	0.230288	-4.34239	0.154967	0.285969	-3.49688	0.106116	0.234212	-4.26963	0.0250732	0.1117	-8.95257
cg10659770	YEATS4	0.0748536	0.412088	0.788549	-1.26815	0.590772	1.16622	1.16622	0.161278	0.654566	-1.52773	0.101015	0.601253	-1.66319	0.0417016	0.51425	-1.94458
cg00729690	STBD1	0.0748539	0.136436	1.51549	1.51549	0.113223	0.639781	-1.56304	0.139649	0.662423	-1.50961	0.0229684	0.494204	-2.02346	0.126243	0.651389	-1.53518
cg09324016	ZNF668;ZNF646	0.0748557	0.891353	0.954471	-1.0477	0.803525	1.08873	1.08873	0.221835	1.55446	1.55446	0.00878861	3.26404	3.26404	0.0423656	2.25929	2.25929
cg07333046	NCOA4;NCOA4;NCOA4;NCOA4	0.0748562	0.153431	0.657029	-1.522	0.00580215	0.370477	-2.69922	0.580095	0.857652	-1.16597	0.15259	1.5235	1.5235	0.372931	1.28576	1.28576
cg20900994	C6orf48;SNORD48;C6orf48	0.0748567	0.00215693	0.147835	-6.76432	0.637847	1.23421	1.23421	0.387876	1.48113	1.48113	0.404942	0.68509	-1.45966	0.592171	1.27125	1.27125
cg16101077	CLRN3	0.0748596	0.152617	0.413259	-2.41979	0.549093	0.704919	-1.4186	0.0632291	0.299668	-3.33703	0.327956	0.558532	-1.79041	0.0299186	0.229132	-4.3643
cg24660836	SLC45A1	0.0748617	0.958865	1.01112	1.01112	0.232145	0.764429	-1.30817	0.546305	1.13984	1.13984	0.0110357	0.50489	-1.98063	0.803271	1.05497	1.05497
cg14252502	ADAMTS10	0.0748636	0.0290861	0.479653	-2.08484	0.0261242	0.470535	-2.12524	0.200993	0.679932	-1.47073	0.176448	0.663333	-1.50754	0.117772	0.615575	-1.6245
cg04116306	PLXNB1;PLXNB1	0.0748651	0.868649	0.951705	-1.05075	0.917688	1.0314	1.0314	0.0495385	0.511619	-1.95458	0.774173	1.08985	1.08985	0.0105034	0.381721	-2.61971
cg13829849	MAMDC2	0.0748661	0.0672745	0.356429	-2.80561	0.862026	0.916207	-1.09146	0.198529	0.504809	-1.98095	0.0908616	0.39177	-2.55252	0.00726273	0.17514	-5.70971
cg13392534	MAVS	0.0748713	0.0401303	0.575137	-1.73872	0.00738759	0.447066	-2.23681	0.608647	0.886525	-1.128	0.328192	1.2654	1.2654	0.233981	0.74751	-1.33778
cg26024851	IQGAP3	0.0748717	0.268946	0.824285	-1.21317	0.230998	0.809869	-1.23477	0.176653	1.2726	1.2726	0.792116	0.956634	-1.04533	0.623899	1.08648	1.08648
cg03641497	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.0748718	0.487358	0.733873	-1.36263	0.649586	0.818262	-1.2221	0.141967	0.500407	-1.99837	0.125415	0.483229	-2.06941	0.597845	0.791816	-1.26292
cg02759880	ZNF552	0.0748732	0.0334176	1.69279	1.69279	0.00610704	2.13393	2.13393	0.902431	0.974361	-1.02631	0.425756	1.18797	1.18797	0.750066	0.934556	-1.07003
cg06064954	HCG2P7	0.074875	0.0281086	2.13124	2.13124	0.13475	0.624705	-1.60075	0.147299	0.635267	-1.57414	0.230148	0.692577	-1.44388	0.790296	0.925182	-1.08087
cg18002905	ACOX3;ACOX3	0.0748778	0.848314	0.979382	-1.02105	0.0700319	1.24655	1.24655	0.146491	1.1848	1.1848	0.295834	0.888747	-1.12518	0.0205889	1.35452	1.35452
cg07340020	GLDN	0.0748786	0.241834	1.43457	1.43457	0.0243408	2.20454	2.20454	0.676407	1.13161	1.13161	0.722002	1.11097	1.11097	0.343158	1.33332	1.33332
cg23934776	TBC1D9B;TBC1D9B	0.0748786	0.0898601	0.362322	-2.75997	0.0881498	2.77811	2.77811	0.29198	0.552279	-1.81068	0.572405	1.36308	1.36308	0.0154031	0.198994	-5.02528
cg03217528	CCDC110;CCDC110	0.0748811	0.564261	1.10838	1.10838	0.0712497	0.700674	-1.4272	0.127074	1.3382	1.3382	0.142616	1.32078	1.32078	0.988979	1.00244	1.00244
cg01333849	PGRMC1	0.0748817	0.0665762	0.366363	-2.72954	0.0549976	0.345722	-2.8925	0.680233	0.816855	-1.22421	0.0399608	3.18656	3.18656	0.0856904	0.395667	-2.52738
cg05189570	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.0748844	0.115521	0.619157	-1.6151	0.803448	0.932512	-1.07237	0.494988	0.82353	-1.21428	0.461663	1.23364	1.23364	0.0176233	0.445275	-2.2458
cg11712990	LOC645323;LOC645323;LOC645323	0.0748844	0.131884	1.47922	1.47922	0.675605	0.903646	-1.10663	0.833951	0.950718	-1.05184	0.810852	0.943914	-1.05942	0.00650115	0.426774	-2.34316
cg19151378	HLA-A	0.0748851	0.015882	0.597911	-1.67249	0.288721	1.21139	1.21139	0.950956	1.01077	1.01077	0.309093	0.832526	-1.20116	0.355236	1.18009	1.18009
cg11163532	NADK	0.0748852	0.0780978	0.572186	-1.74768	0.160501	1.53353	1.53353	0.777397	0.922345	-1.08419	0.959672	1.01453	1.01453	0.00330124	0.319349	-3.13137
cg23610213	CDYL;CDYL	0.0748852	0.0172623	0.349715	-2.85947	0.528128	0.793334	-1.2605	0.461745	0.76233	-1.31177	0.636106	1.18843	1.18843	0.136938	0.559731	-1.78657
cg06712539	MAGEA1	0.0748865	0.894686	1.02991	1.02991	0.820424	0.950667	-1.05189	0.273929	0.77622	-1.28829	0.132207	0.69662	-1.4355	0.00608352	0.450705	-2.21875
cg03038029	LRRC36;KCTD19	0.0748867	0.0154263	0.263474	-3.79544	0.13536	2.05913	2.05913	0.962895	0.979341	-1.0211	0.0898775	0.432169	-2.31391	0.295266	0.614424	-1.62754
cg11404486	GOLGA8B	0.0748888	0.796701	0.908894	-1.10024	0.984317	0.992753	-1.0073	0.66754	1.17339	1.17339	0.54402	0.796729	-1.25513	0.571726	1.23548	1.23548
cg18274749	HSPG2	0.0748907	0.032363	0.333712	-2.99659	0.0437438	0.362265	-2.76041	0.0326359	0.334478	-2.98973	0.0345097	0.339612	-2.94453	0.0419863	0.358246	-2.79138
cg04480931	MKS1;MKS1	0.0748911	0.0652307	0.715285	-1.39804	0.130073	1.30305	1.30305	0.15773	1.27703	1.27703	0.0672488	0.717485	-1.39376	0.082009	0.732018	-1.36609
cg01839850	ANKRD54;MIR658	0.0748913	0.362247	0.877259	-1.13991	0.847952	0.973515	-1.02721	0.0142134	0.655099	-1.52649	0.033824	0.707148	-1.41413	0.941471	1.01032	1.01032
cg02321289	RPS27L	0.0748915	0.375872	1.32112	1.32112	0.950455	0.981139	-1.01922	0.0378424	2.09158	2.09158	0.491634	0.807316	-1.23867	0.635605	1.15751	1.15751
cg08789739	MYH11;MYH11;MYH11;MYH11	0.0748919	0.198309	0.782978	-1.27718	0.0890018	1.40149	1.40149	0.0419468	0.655845	-1.52475	0.554281	1.11365	1.11365	0.915012	0.980973	-1.0194
cg04280480	PPARA;PPARA	0.0748936	0.235099	1.13306	1.13306	0.360299	1.09901	1.09901	0.70428	1.03902	1.03902	0.814393	1.02389	1.02389	0.394696	0.916211	-1.09145
cg08183066	DDX19B;DDX19B;DDX19B;DDX19B;DDX19B;DDX19B	0.0748977	0.483177	1.90241	1.90241	0.102871	0.19981	-5.00474	0.370577	2.29277	2.29277	?	?	?	?	?	?
cg21283680	SH3BP5	0.0748991	0.23095	0.46741	-2.13945	0.0806425	0.309548	-3.23052	0.0118968	0.149567	-6.68596	0.0278214	0.207306	-4.82378	?	?	?
cg09222749	LHX8	0.0748993	0.817693	1.12972	1.12972	0.0917281	2.66652	2.66652	0.529841	0.714489	-1.3996	0.860708	0.911397	-1.09722	0.904634	0.938651	-1.06536
cg02877538	NAP1L4	0.0748997	0.157139	0.51786	-1.93103	0.653861	1.2169	1.2169	0.799535	1.11703	1.11703	0.793769	0.892306	-1.12069	0.108404	0.466874	-2.1419
cg05399320	SLC6A5	0.0749013	0.557127	0.792515	-1.26181	0.169686	0.563911	-1.77333	0.00642736	0.249527	-4.00758	0.178662	0.571456	-1.74991	0.917165	1.04158	1.04158
cg09335321	CREB3L4;SLC39A1;CREB3L4	0.0749021	0.182098	0.373217	-2.6794	0.869427	0.891818	-1.12131	0.729171	0.785148	-1.27365	0.223179	0.410357	-2.4369	0.0225099	0.149297	-6.69808
cg20703122	OCA2	0.0749022	0.259006	1.93556	1.93556	0.258557	1.93687	1.93687	0.0314844	0.243006	-4.11513	0.522923	1.43777	1.43777	0.372139	1.67171	1.67171
cg15469802	HRH1;HRH1;HRH1;HRH1	0.0749025	0.491688	0.883542	-1.13181	0.313126	0.831136	-1.20317	0.0273833	1.58833	1.58833	0.0571619	1.46448	1.46448	0.454494	1.14461	1.14461
cg03177593	FNDC3B;FNDC3B	0.0749027	0.984607	1.0058	1.0058	0.0443603	0.500445	-1.99822	0.110717	0.593951	-1.68364	0.460098	0.798161	-1.25288	0.450199	0.794028	-1.2594
cg22049174	METTL4	0.0749049	0.941933	1.02415	1.02415	0.0753841	0.522814	-1.91272	0.804326	1.08472	1.08472	0.751979	1.10945	1.10945	0.472188	0.786973	-1.27069
cg06873590	ODZ2	0.0749056	0.408517	0.781093	-1.28026	0.0536248	0.527025	-1.89744	0.022096	0.448392	-2.23019	0.978809	1.00779	1.00779	0.0396475	0.498916	-2.00434
cg03003036	RBM10;RBM10	0.074906	0.0276439	3.1349	3.1349	0.637556	1.2315	1.2315	0.622314	1.24341	1.24341	0.111888	0.46782	-2.13757	0.0185605	0.285757	-3.49948
cg20055776	ACTR1B	0.0749072	0.355175	0.826973	-1.20923	0.0166429	0.557646	-1.79325	0.248753	0.785987	-1.27229	0.58142	0.89474	-1.11764	0.642601	1.09784	1.09784
cg05068202	ASCL2	0.0749078	0.185158	1.8977	1.8977	0.580168	1.2901	1.2901	0.297655	1.63596	1.63596	0.130595	2.105	2.105	0.0474511	2.81173	2.81173
cg14325661	TRPM4	0.0749086	0.0311962	0.541176	-1.84783	0.956618	1.0133	1.0133	0.504004	0.848173	-1.179	0.0755923	1.61661	1.61661	0.0574143	0.593379	-1.68526
cg00425636	SIGLEC15	0.074911	0.0990364	0.330393	-3.0267	0.269328	0.494375	-2.02275	0.0115936	0.144758	-6.90808	0.190988	0.428306	-2.33478	0.013338	0.153004	-6.53577
cg15572745	NRXN3	0.0749118	0.0982812	2.50803	2.50803	0.126259	2.31369	2.31369	0.104367	2.46024	2.46024	0.854601	1.09748	1.09748	0.695142	1.22105	1.22105
cg15967188	RNF4	0.0749128	0.816285	1.03266	1.03266	0.0813227	1.30585	1.30585	0.0820288	1.30488	1.30488	0.329372	0.870208	-1.14915	0.485529	1.10283	1.10283

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01142936	0.804834	1.06388	1.06388	0.963616	0.98866	-1.01147	0.344053	0.782861	-1.27737	0.72548	0.915577	-1.09221	3.10326	3.0078	0.753852	1
cg21698790	0.118954	1.23738	1.23738	0.195659	0.841774	-1.18797	0.202257	1.18466	1.18466	0.188943	1.19145	1.19145	2.89283	0.725781	0.223013	1
cg01025720	0.903412	1.04498	1.04498	0.0235614	0.375272	-2.66474	0.191359	0.605689	-1.65101	0.128233	0.551023	-1.81481	2.89283	6.01893	1.84946	1
cg07893916	0.040051	0.482708	-2.07165	0.0196032	0.420799	-2.37643	0.487455	1.24177	1.24177	0.048625	0.500893	-1.99643	2.89277	4.31656	1.32639	1
cg15360181	0.217043	0.370459	-2.69936	0.144168	0.301339	-3.31852	0.115779	0.270629	-3.6951	0.242202	0.392265	-2.5493	2.89277	26.7805	8.2291	1
cg10060574	0.513713	1.47922	1.47922	0.0092934	7.03507	7.03507	0.0253938	4.81032	4.81032	0.129817	2.63108	2.63108	2.89276	16.0111	4.91989	1
cg03143333	0.316321	1.26209	1.26209	0.00225101	2.61372	2.61372	0.458345	1.18491	1.18491	0.0972935	1.50509	1.50509	2.89275	2.31291	0.710715	1
cg11451801	0.637402	0.913368	-1.09485	0.0413963	0.638278	-1.56672	0.582463	0.899442	-1.1118	0.0251808	0.601604	-1.66222	2.89274	1.66903	0.512865	1
cg18460373	0.874423	0.974133	-1.02655	0.803993	1.04206	1.04206	0.212542	0.80448	-1.24304	0.598752	1.09197	1.09197	2.89272	1.25789	0.386529	1
cg13636908	0.899462	1.02461	1.02461	0.00367204	0.469827	-2.12844	0.454308	1.15787	1.15787	0.239846	0.78923	-1.26706	2.89272	1.69458	0.520719	1
cg13993914	0.0432989	0.301277	-3.3192	0.103534	0.398942	-2.50663	0.116311	0.414432	-2.41294	0.0899417	0.381094	-2.62403	2.89271	12.2049	3.75041	1
cg07349805	0.0340337	0.543858	-1.83871	0.018181	2.02579	2.02579	0.13812	1.48147	1.48147	0.948316	1.01609	1.01609	2.89271	2.7764	0.853151	1
cg17167053	0.0294739	0.597912	-1.67249	0.00318606	0.445791	-2.2432	0.424466	0.849057	-1.17778	0.11263	0.707194	-1.41404	2.8927	1.84362	0.566518	1
cg12331980	0.557639	1.17128	1.17128	0.270467	1.35784	1.35784	0.63773	0.881221	-1.13479	0.945668	1.01834	1.01834	2.89269	3.25627	1.00061	1
cg17994788	0.427251	1.41352	1.41352	0.720885	0.857982	-1.16553	0.152655	1.92328	1.92328	0.278626	0.618184	-1.61764	2.89267	8.35139	2.5663	1
cg14777161	0.243836	0.867848	-1.15228	0.167861	0.842945	-1.18632	0.86865	0.980945	-1.01942	0.106836	0.814939	-1.22709	2.89265	0.618994	0.190212	1
cg08349335	0.102382	0.431345	-2.31833	0.687189	1.20976	1.20976	0.500194	1.37977	1.37977	0.10525	0.434904	-2.29936	2.89262	10.1377	3.11525	1
cg25205727	0.224432	1.15279	1.15279	0.00892356	1.44869	1.44869	0.371529	1.10764	1.10764	0.545662	1.07051	1.07051	2.89259	0.568706	0.174762	1
cg14989243	0.439686	0.764513	-1.30802	0.00466341	0.277512	-3.60344	0.578068	1.21099	1.21099	0.658061	1.16389	1.16389	2.89259	5.3183	1.63431	1
cg20667782	0.600728	0.946566	-1.05645	0.0187469	0.743638	-1.34474	0.0820399	1.22185	1.22185	0.789565	1.02821	1.02821	2.89258	0.495432	0.152246	1
cg21195235	0.239858	2.37443	2.37443	0.894569	0.911042	-1.09764	0.0229589	6.76318	6.76318	0.562917	1.5083	1.5083	2.89258	22.6187	6.95072	1
cg19822229	0.439577	0.736016	-1.35867	0.0416216	0.401186	-2.49261	0.230549	0.613201	-1.63079	0.363576	0.695547	-1.43772	2.89258	6.92603	2.12837	1
cg17864421	0.200176	0.786213	-1.27192	0.0400259	1.52474	1.52474	0.87033	1.02946	1.02946	0.760473	1.05585	1.05585	2.89257	1.44727	0.444748	1
cg25696807	0.10051	2.28607	2.28607	0.502425	1.36727	1.36727	0.22798	1.78883	1.78883	0.00617162	0.193674	-5.16331	2.89255	9.67579	2.9734	1
cg15031103	0.34748	0.777639	-1.28594	0.723024	0.911633	-1.09693	0.625501	0.879959	-1.13642	0.545405	0.852913	-1.17245	2.89253	3.09639	0.951534	1
cg07850896	0.332819	0.561568	-1.78073	0.165999	0.42605	-2.34714	0.536034	1.43612	1.43612	0.0336936	0.238678	-4.18974	2.89248	15.2827	4.69654	1
cg05695927	0.188423	0.869866	-1.1496	0.0040655	0.679875	-1.47086	0.0812109	0.824162	-1.21335	0.48983	0.932228	-1.0727	2.89247	0.458473	0.140894	1
cg01725773	0.409232	0.773367	-1.29305	0.0766028	0.548949	-1.82166	0.20727	0.667008	-1.49923	0.0975358	0.574873	-1.73951	2.89246	4.24753	1.30532	1
cg06785701	0.239316	0.387679	-2.57945	0.00591258	0.0627259	-15.9424	0.0667841	0.205896	-4.85682	0.0889552	0.236309	-4.23174	2.89246	27.0889	8.32478	1
cg24384676	0.142912	0.684747	-1.46039	0.00797055	0.441292	-2.26607	0.102294	0.650483	-1.53732	0.111436	0.659019	-1.51741	2.89244	2.64992	0.814358	1
cg02021127	0.441151	0.567646	-1.76166	0.0220872	0.138244	-7.23357	0.0800037	0.246507	-4.05668	0.316037	0.473632	-2.11134	2.89241	23.8083	7.3167	1
cg02673417	0.419259	1.51121	1.51121	0.113307	2.36832	2.36832	0.25475	1.81294	1.81294	0.410252	0.65618	-1.52397	2.8924	11.4672	3.52408	1
cg07719512	0.0729976	0.488527	-2.04697	0.0194571	0.363522	-2.75086	0.165246	0.588466	-1.69933	0.237518	0.641925	-1.55781	2.89238	5.87862	1.80662	1
cg06595479	0.292381	1.56404	1.56404	0.00513674	4.54208	4.54208	0.0546492	2.44128	2.44128	0.962981	1.01919	1.01919	2.89233	7.67937	2.36007	1
cg16105620	0.866246	0.909655	-1.09932	0.788967	0.860116	-1.16263	0.615315	0.752315	-1.32923	0.00714162	7.03932	7.03932	2.89229	14.4533	4.44194	1
cg00275234	0.762045	0.921125	-1.08563	0.244751	1.38985	1.38985	0.854293	1.05099	1.05099	0.832938	1.05881	1.05881	2.92909	3.01812	1.0304	1
cg12783491	0.0457546	0.428875	-2.33168	0.0336932	0.399751	-2.50155	0.0444985	0.426144	-2.34663	0.104888	0.519383	-1.92536	2.89225	6.25958	1.92378	1
cg14652230	0.360585	0.845047	-1.18337	0.0255869	0.621814	-1.6082	0.551533	0.897705	-1.11395	0.688161	0.930278	-1.07495	2.89225	1.46984	0.451734	1
cg22388634	0.0634894	28.121	28.121	0.0461511	38.6036	38.6036	0.0557858	31.9794	31.9794	0.0269306	66.0062	66.0062	2.89219	117.113	35.9937	1
cg05709923	0.384206	0.913717	-1.09443	0.0602152	0.807056	-1.23907	0.289743	1.11754	1.11754	0.355829	1.10082	1.10082	2.89219	0.468506	0.143991	1
cg20535715	0.839196	1.02576	1.02576	0.900198	1.01583	1.01583	0.868506	0.979475	-1.02096	0.0883525	1.26534	1.26534	2.89218	0.717588	0.220545	1
cg00878747	0.0461695	0.404803	-2.47034	0.065175	0.440625	-2.2695	0.947495	1.02641	1.02641	0.332237	0.673023	-1.48583	2.89216	7.17781	2.20606	1
cg16541275	0.324108	0.84906	-1.17777	0.221495	1.22934	1.22934	0.165545	0.78849	-1.26825	0.0502161	0.698589	-1.43146	2.89211	1.18254	0.363453	1
cg14701682	0.796106	1.06435	1.06435	0.0697682	1.62973	1.62973	0.165482	0.700289	-1.42798	0.20118	1.38419	1.38419	2.89209	2.65693	0.816612	1
cg10652558	0.0793738	0.350175	-2.85572	0.0782529	0.348501	-2.86943	0.101437	0.380488	-2.62821	0.224944	0.503197	-1.9873	2.89207	13.2986	4.08737	1
cg22243039	0.331376	0.609248	-1.64137	0.669482	1.23653	1.23653	0.0963585	2.4663	2.4663	0.370766	0.63481	-1.57527	2.89203	11.1977	3.44171	1
cg05798059	0.7161	0.936703	-1.06757	0.79986	0.955536	-1.04653	0.975236	0.994458	-1.00557	0.0814237	0.707659	-1.41311	2.892	1.46809	0.451234	1
cg05172940	0.813719	0.922504	-1.08401	0.0486211	0.463143	-2.15916	0.973114	1.01158	1.01158	0.103904	0.544631	-1.8361	2.89197	5.34873	1.64401	1
cg10508579	0.495031	1.15061	1.15061	0.023499	1.72959	1.72959	0.929146	1.01817	1.01817	0.628992	0.906124	-1.1036	2.89192	1.87792	0.577216	1
cg09271157	0.17251	0.674877	-1.48175	0.0484911	0.543092	-1.84131	0.185291	0.683559	-1.46293	0.0891989	1.66132	1.66132	2.8919	3.35949	1.03261	1
cg18282849	0.231857	0.402025	-2.4874	0.0149151	0.113536	-8.80781	0.58873	0.672542	-1.4869	0.651542	0.718648	-1.3915	2.8919	24.1876	7.43459	1
cg01007737	0.845494	0.942017	-1.06155	0.317301	1.3723	1.3723	0.1166	0.59333	-1.6854	0.870938	0.951439	-1.05104	2.89188	4.29303	1.31957	1
cg17303299	0.114685	1.3889	1.3889	0.113645	1.39048	1.39048	0.0290433	0.607019	-1.64739	0.658865	0.919378	-1.08769	3.1021	1.71823	0.430806	1
cg06879219	0.0810276	0.712867	-1.40279	0.67732	0.929401	-1.07596	0.0808117	1.4032	1.4032	0.0823951	0.714175	-1.40022	2.89182	1.40197	0.430938	1
cg24677036	0.44024	0.731559	-1.36694	0.0132958	0.295758	-3.38114	0.838659	1.08433	1.08433	0.567743	0.79505	-1.25778	2.89181	7.22309	2.22024	1
cg11415548	0.00920528	0.412679	-2.42319	0.0578029	0.563157	-1.7757	0.163747	0.671783	-1.48858	0.106342	0.623712	-1.6033	2.89179	3.28192	1.00881	1
cg24322144	0.362756	1.28559	1.28559	0.00387837	0.351831	-2.84228	0.867904	1.04572	1.04572	0.423277	1.24564	1.24564	2.89178	3.3033	1.01538	1
cg27309383	0.796932	0.939917	-1.06392	0.506537	1.1758	1.1758	0.0519996	0.587878	-1.70103	0.165911	0.701139	-1.42625	2.89176	2.64464	0.812927	1
cg08420066	0.551921	1.1921	1.1921	0.00334382	0.311639	-3.20884	0.990615	0.996572	-1.00344	0.353143	0.756586	-1.32173	2.89174	3.90401	1.20005	1
cg03523538	0.640904	0.890863	-1.12251	0.779236	0.933202	-1.07158	0.606413	0.879986	-1.13638	0.63831	0.890051	-1.12353	2.89173	2.77174	0.852005	1
cg17695512	0.191116	0.328312	-3.04588	0.0116761	0.0791966	-12.6268	0.0766091	0.20498	-4.87853	0.0305572	0.129394	-7.72836	2.8917	29.6536	9.11531	1
cg14134408	0.227071	0.693892	-1.44115	0.664007	0.881662	-1.13422	0.624794	0.867589	-1.15262	0.202999	0.678917	-1.47293	2.8917	3.80301	1.16902	1
cg22271905	0.686311	1.18766	1.18766	0.0412837	0.368922	-2.7106	0.771114	1.13153	1.13153	0.36132	1.4881	1.4881	2.89168	8.21795	2.52616	1
cg03860665	0.117127	1.5001	1.5001	0.26547	0.758453	-1.31847	0.240378	0.746128	-1.34025	0.331943	1.26931	1.26931	2.89166	2.59958	0.799105	1
cg23161251	0.931964	0.973301	-1.02743	0.138298	0.603059	-1.65821	0.50366	0.806474	-1.23997	0.11271	0.578562	-1.72842	2.89163	4.60004	1.41405	1
cg24062754	?	?	?	0.566403	0.84673	-1.18101	0.351437	1.31691	1.31691	0.0316982	0.485317	-2.06051	2.9284	3.39729	1.16012	1
cg05212323	0.379004	0.795028	-1.25782	0.0172864	0.478562	-2.08959	0.00899584	0.429923	-2.326	0.999296	0.999776	-1.00022	2.8916	2.95805	0.909318	1
cg16091995	0.516168	0.819863	-1.21972	0.0421773	0.493514	-2.02628	0.258143	0.700477	-1.4276	0.0961306	0.576211	-1.73547	2.89158	4.16862	1.28146	1
cg11400774	0.79176	1.28658	1.28658	0.0204913	0.0700296	-14.2797	0.0321225	0.0915932	-10.9178	0.497599	0.519046	-1.92661	2.89158	41.5311	12.7669	1
cg20248866	0.137752	0.661694	-1.51127	0.511928	0.842096	-1.18751	0.677357	1.11417	1.11417	0.0411896	1.83781	1.83781	2.89156	3.05709	0.939774	1
cg05166473	0.71309	0.88912	-1.12471	0.0349035	2.18649	2.18649	0.928782	1.02885	1.02885	0.103015	1.76395	1.76395	2.89155	4.63723	1.42553	1
cg05349062	0.670086	0.761397	-1.31338	0.534832	0.670444	-1.49155	0.0099744	7.92284	7.92284	0.979	0.983396	-1.01688	2.89155	18.5297	5.6962	1
cg15620385	0.0787331	1.34603	1.34603	0.772362	1.04514	1.04514	0.0123795	1.60621	1.60621	0.0483597	1.40962	1.40962	2.89153	1.06081	0.326104	1
cg07704934	0.138948	2.35168	2.35168	0.505854	0.695978	-1.43683	0.0229705	4.30763	4.30763	0.522728	1.41594	1.41594	2.89152	13.2008	4.0581	1
cg12755471	0.0465805	1.38488	1.38488	0.214226	1.20542	1.20542	0.280252	1.17393	1.17393	0.666668	0.939966	-1.06387	2.89151	0.934786	0.287366	1
cg10640371	0.386398	0.838733	-1.19227	0.0221996	0.581004	-1.72116	0.440866	1.16844	1.16844	0.0459454	1.57316	1.57316	2.89148	1.79647	0.552266	1
cg07554251	0.634863	0.902944	-1.10749	0.0398811	0.602331	-1.66022	0.63947	0.904216	-1.10593	0.340014	1.2335	1.2335	2.89146	2.0856	0.641152	1
cg06777522	0.128424	0.562047	-1.77921	0.347449	0.712351	-1.4038	0.701777	1.14442	1.14442	0.775861	1.10526	1.10526	2.89146	5.6293	1.73056	1
cg22671931	0.584899	0.849621	-1.17699	0.43986	0.792361	-1.26205	0.494528	0.814695	-1.22745	0.045454	1.96955	1.96955	2.89141	3.99698	1.22877	1
cg14706178	0.135371	1.438	1.438	0.0215002	0.536177	-1.86505	0.837288	0.954651	-1.0475	0.202507	0.738107	-1.35482	2.8914	2.33254	0.71708	1
cg21223094	0.14023	0.443445	-2.25507	0.0224198	0.246164	-4.06233	0.0165145	0.222925	-4.48581	0.10917	0.408527	-2.44782	2.8914	12.0262	3.69716	1
cg07143303	0.262404	0.557218	-1.79463	0.011284	0.204293	-4.89493	0.440823	0.674772	-1.48198	0.467781	0.690915	-1.44736	2.89139	11.4689	3.52584	1
cg03489186	0.0482539	0.156227	-6.40093	0.0170451	0.0914152	-10.9391	0.107209	0.235466	-4.2469	0.0694193	0.188153	-5.31482	2.89138	30.9776	9.52335	1
cg10659770	0.350524	0.761707	-1.31284	0.0343082	2.01259	2.01259	0.618376	0.867396	-1.15288	0.0386476	0.507411	-1.97079	2.89138	3.67446	1.12963	1
cg00729690	0.160211	0.677894	-1.47516	0.530524	0.848209	-1.17895	0.152026	1.48827	1.48827	0.134012	0.657885	-1.52002	2.89137	3.07444	0.945168	1
cg09324016	?	?	?	0.333868	0.710756	-1.40695	0.377299	0.733388	-1.36353	0.412508	0.750796	-1.33192	3.13716	5.0254	1.40166	1
cg07333046	0.394863	0.787055	-1.27056	0.418398	1.2551	1.2551	0.387167	1.2758	1.2758	0.334008	1.31495	1.31495	2.89134	3.45769	1.063	1
cg20900994	0.304224	0.623589	-1.60362	0.775102	1.13558	1.13558	0.69798	1.18895	1.18895	0.474043	1.38148	1.38148	2.89133	9.02067	2.77325	1
cg16101077	0.0438922	0.262929	-3.80331	0.00549498	0.121774	-8.21192	0.152042	0.412675	-2.42322	0.248327	0.498527	-2.00591	2.89128	15.2353	4.68391	1
cg24660836	0.00851507	0.486859	-2.05398	0.944243	1.01511	1.01511	0.191398	0.743404	-1.34516	0.757308	1.06871	1.06871	2.89125	2.10433	0.646958	1
cg14252502	0.181241	0.666695	-1.49994	0.0196457	0.447037	-2.23695	0.0183904	0.44173	-2.26383	0.213935	0.68813	-1.45321	2.89122	3.73599	1.14861	1
cg04116306	0.115822	0.599773	-1.6673	0.951394	1.0184	1.0184	0.990923	0.996603	-1.00341	0.0147595	0.40763	-2.4532	2.8912	4.09576	1.25923	1
cg13829849	0.865901	1.08875	1.08875	0.0861536	0.385242	-2.59577	0.185406	0.493377	-2.02685	0.027713	0.27004	-3.70316	2.89118	11.5889	3.56299	1
cg13392534	0.193955	0.725753	-1.37788	0.883803	1.0347	1.0347	0.360247	1.2453	1.2453	0.382141	1.23251	1.23251	2.8911	2.49084	0.765825	1
cg26024851	0.0408107	0.672809	-1.48631	0.0129836	0.596056	-1.67769	0.108659	0.745511	-1.34136	0.294488	1.2002	1.2002	2.89109	1.28983	0.39657	1
cg03641497	0.204172	0.555661	-1.79966	0.0678833	2.45159	2.45159	0.0149831	3.71185	3.71185	0.370043	1.49729	1.49729	2.89109	8.80437	2.70697	1
cg02759880	0.215266	1.31816	1.31816	0.282576	0.789412	-1.26677	0.770374	1.06395	1.06395	0.0902741	1.48489	1.48489	2.89107	2.05361	0.631402	1
cg06064954	0.288755	0.725194	-1.37894	0.116589	0.608053	-1.64459	0.0351384	0.488666	-2.04639	0.108399	0.599901	-1.66694	2.89104	3.89792	1.19847	1
cg18002905	0.414729	0.913285	-1.09495	0.555819	1.06697	1.06697	0.710338	1.04142	1.04142	0.0145381	1.38751	1.38751	2.891	0.542	0.166648	1
cg07340020	0.132595	1.61291	1.61291	0.00342942	3.22548	3.22548	0.138162	1.60039	1.60039	0.124743	1.6316	1.6316	2.89098	3.97296	1.22156	1
cg23934776	0.17882	0.460456	-2.17176	0.401277	0.627199	-1.59439	0.630146	1.30142	1.30142	0.0563659	0.309367	-3.23241	2.89098	13.5002	4.15089	1
cg03217528	0.00906317	0.55681	-1.79595	0.20956	0.791771	-1.26299	0.677664	0.928862	-1.07659	0.620235	0.91559	-1.09219	2.89094	1.42709	0.438794	1
cg01333849	0.0745268	0.379158	-2.63742	0.361446	0.632598	-1.58078	0.345714	1.60645	1.60645	0.555791	0.747628	-1.33756	2.89094	10.9094	3.35435	1
cg05189570	0.228669	0.70188	-1.42475	0.0444377	1.90936	1.90936	0.236497	1.41559	1.41559	0.180397	0.671285	-1.48968	2.89089	3.59456	1.10525	1
cg11712990	0.230005	0.738458	-1.35417	0.209414	1.37505	1.37505	0.889154	0.966985	-1.03414	0.0991001	1.54538	1.54538	2.89089	2.65352	0.815903	1
cg19151378	0.284115	0.82386	-1.2138	0.677296	1.07559	1.07559	0.167305	1.29216	1.29216	0.0294067	1.5631	1.5631	2.89088	1.38817	0.426834	1
cg11163532	0.74485	0.911073	-1.09761	0.61854	1.15392	1.15392	0.829513	1.06343	1.06343	0.341221	0.756004	-1.32274	2.89088	3.7241	1.14509	1
cg23610213	0.150352	1.74791	1.74791	0.95426	0.979438	-1.02099	0.494109	1.28597	1.28597	0.0142707	0.334661	-2.9881	2.89088	6.00674	1.84695	1
cg06712539	0.139348	1.42473	1.42473	0.103272	1.48663	1.48663	0.760578	0.934255	-1.07037	0.991878	0.997738	-1.00227	2.89086	2.2668	0.697002	1
cg03038029	0.227067	0.566044	-1.76665	0.0382417	0.340379	-2.9379	0.445634	1.41749	1.41749	0.547186	1.31438	1.31438	2.89086	9.21968	2.83489	1
cg11404486	0.00454424	0.24691	-4.05007	0.0590151	0.454329	-2.20105	0.1073	1.91637	1.91637	0.962901	1.01736	1.01736	2.89082	6.26876	1.92756	1
cg18274749	0.0600387	0.394855	-2.53258	0.141511	0.500325	-1.9987	0.278406	0.610372	-1.63835	0.0606751	0.39599	-2.52532	2.89079	8.78448	2.70114	1
cg04480931	0.340547	0.852993	-1.17234	0.523465	0.900617	-1.11035	0.545877	1.10401	1.10401	0.0966819	1.34342	1.34342	2.89079	1.19985	0.368943	1
cg01839850	0.526119	1.09399	1.09399	0.526009	1.09401	1.09401	0.284534	1.16819	1.16819	0.0733371	1.32211	1.32211	2.89079	0.895284	0.275291	1
cg02321289	0.0420912	2.04962	2.04962	0.0144259	0.396949	-2.51922	0.937689	0.976327	-1.02425	0.622002	0.858749	-1.16448	2.89078	4.29906	1.32192	1
cg08789739	0.125117	1.34814	1.34814	0.0449242	1.51311	1.51311	0.141005	1.32964	1.32964	0.379173	0.850141	-1.17628	2.89077	1.48261	0.455889	1
cg04280480	0.916746	1.01055	1.01055	0.0353092	0.781874	-1.27898	0.00533143	0.691773	-1.44556	0.944488	1.00701	1.00701	2.89075	0.461346	0.141861	1
cg08183066	0.295734	0.375872	-2.66048	0.763568	0.761668	-1.31291	0.153685	3.96882	3.96882	0.0112478	17.5638	17.5638	2.97313	29.8269	11.4653	1
cg21283680	0.0770844	0.304307	-3.28615	0.0763074	0.303143	-3.29877	0.0832804	0.313346	-3.19136	0.237459	0.472821	-2.11496	2.92742	15.0965	5.15694	1
cg09222749	0.2892	0.55926	-1.78808	0.668607	0.79655	-1.25541	0.00271937	8.9068	8.9068	0.41941	1.54619	1.54619	2.89066	12.7742	3.92812	1
cg02877538	0.222966	0.57295	-1.74535	0.00466738	5.13501	5.13501	0.496391	0.740548	-1.35035	0.703921	0.846993	-1.18065	2.89065	8.66015	2.66304	1
cg05399320	0.0313183	0.371863	-2.68916	0.937643	1.03112	1.03112	0.282026	1.54932	1.54932	0.129031	0.526033	-1.90102	2.89063	7.0215	2.15916	1
cg09335321	0.125715	0.315645	-3.16812	0.0595862	0.227726	-4.39124	0.0699945	4.09547	4.09547	0.053731	0.217766	-4.59209	2.89061	22.1721	6.81812	1
cg20703122	0.545094	0.709319	-1.4098	0.0460983	0.27757	-3.6027	0.32834	1.76083	1.76083	0.0430171	0.270963	-3.69055	2.89061	14.3972	4.42728	1
cg15469802	0.674969	0.927959	-1.07763	0.0122284	1.73914	1.73914	0.875742	0.972639	-1.02813	0.585562	0.906998	-1.10254	2.89061	1.43887	0.442465	1
cg03177593	0.195768	0.663575	-1.50699	0.010924	2.60547	2.60547	0.423695	1.27754	1.27754	0.743251	1.10354	1.10354	2.89061	4.11368	1.26499	1
cg22049174	0.814614	0.925938	-1.07999	0.00390616	0.280099	-3.57017	0.896278	0.958172	-1.04365	0.0291872	0.430886	-2.3208	2.89057	4.9132	1.51087	1
cg06873590	0.0362769	0.490925	-2.03697	0.0175695	0.429793	-2.3267	0.766397	0.916611	-1.09098	0.568144	0.844842	-1.18365	2.89056	3.9102	1.20244	1
cg03003036	0.687903	1.19386	1.19386	0.642049	0.814311	-1.22803	0.236366	1.72365	1.72365	0.2035	1.80213	1.80213	2.89055	8.81474	2.71067	1
cg20055776	0.363242	0.829739	-1.2052	0.0187147	1.76676	1.76676	0.122657	0.715969	-1.39671	0.867161	1.034	1.034	2.89054	1.8265	0.56168	1
cg05068202	0.669653	0.822294	-1.21611	0.0277299	0.305361	-3.27482	0.935621	0.963839	-1.03752	0.0358671	3.04375	3.04375	2.89053	9.51546	2.92618	1
cg14325661	0.375814	0.801938	-1.24698	0.284189	1.3102	1.3102	0.0457921	0.57348	-1.74374	0.477305	1.19181	1.19181	2.89051	2.6998	0.830242	1
cg00425636	0.110967	0.345278	-2.89622	0.121614	0.357829	-2.79463	0.0702312	0.289571	-3.45339	0.0623386	0.276704	-3.61398	2.89048	17.1678	5.27951	1
cg15572745	0.33963	1.64719	1.64719	0.0243649	0.256522	-3.8983	0.160949	0.467989	-2.1368	0.0970081	2.51851	2.51851	2.89046	11.7716	3.62005	1
cg15967188	0.431501	0.895047	-1.11726	0.0301744	0.703237	-1.422	0.0350247	1.40386	1.40386	0.472516	1.10618	1.10618	2.89045	0.873167	0.268522	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg01088452	DIP1A/	0.074913	0.109088	-2.36526	0.074913	-2.88579	0	0.408612	0.60617	-1.6497	0.0217211	0.176457	-5.60709	0.0211551	0.7328088	-1.36461	0.719328	0.808699	-1.23655	0.1035401	0.151908	-5.58293	0.0156147	0.152239	-6.56806	0.1538121	0.398631	-2.50859	3.43736	15.9073	3.47083	1
cg16395120	SOX3/SOX3	0.074913	0.159692	0.684965	-1.45993	0.734528	0.917853	-1.0895	0.111845	0.646582	-1.54659	0.0560687	0.579865	-1.72454	0.031765	0.528961	-1.8905		0.198803	1.40771	1.40771	0.4095088	1.75843	1.75843	0.620244	0.881798	-1.13405	0.75182	0.923321	-1.08318	2.890444	2.903337	0.892865	1
cg11054397	SERPINA6	0.074916	0.508147	0.653815	-1.52948	0.00103312	0.0456641	-21.899	0.430295	0.600753	-1.66458	0.859713	0.894063	-1.11849	0.317582	0.519998	-1.92308		0.654603	0.751989	-1.32981	0.463929	0.623846	-1.60296	0.747021	0.814757	-1.22736	0.532205	0.669996	-1.49255	2.8904	18.3413	5.64052	1
cg03699633	PGM2L1	0.074915	0.363631	1.26446	-1.26446	0.636226	0.887148	-1.12721	0.286197	0.757034	-1.32096	0.761587	0.926374	-1.07948	0.0573885	1.67382	1.67382		0.038974	1.82324	1.82324	0.0200168	2.01063	2.01063	0.328711	0.776519	-1.28835	0.0787862	1.6333	1.6333	2.80934	2.89146	0.889233	1
cg05714926	TTC21B	0.074921	0.252532	1.45082	-1.45082	0.859422	0.946298	-1.05675	0.645611	0.865737	-1.15509	0.566589	0.834966	-1.19765	0.263987	1.43696	1.43696		0.400294	1.30744	1.30744	0.0575343	0.512342	-1.95182	0.0235624	0.317658	-3.14804	0.331306	0.7319116	-1.36628	2.80932	4.43772	1.36478	1
cg20469799	KATNAL2	0.074934	0.348815	1.37605	-1.37605	0.1205534	2.81843	2.81843	0.492894	1.29221	-1.29221	0.126608	0.578742	-1.72789	7	7	7		0.888567	0.95466	-1.04746	0.0937473	0.543368	-1.84057	2.9727	4.00209	1.54203	1
cg08644993	S100A6	0.074924	0.506257	1.1215	1.1215	0.106019	1.35009	1.35009	0.508999	1.12065	1.12065	0.322245	1.18989	1.18989	0.320307	1.19078	1.19078		0.037167	1.50908	1.50908	0.014146	0.597614	-1.67332	0.194656	1.26272	1.26272	0.1886841	1.26718	1.26718	2.89027	1.32338	0.406999	1
cg17181598	FAM46C	0.074928	0.67745	1.23772	1.28712	0.0809439	3.21469	3.21469	0.073729	0.228429	-1.37282	0.0193741	0.223059	-4.46812	0.320212	0.538052	-1.85956		0.0842375	0.151795	-1.16661	0.0284348	0.20075	-4.76758	0.378751	0.579888	-1.72447	0.0735942	0.300105	-3.33217	2.89024	16.6279	5.12619	1
cg20601952	GFRA2;GFRA2;GFRA2	0.074965	0.647058	1.2005	1.2005	0.27172	1.57389	1.57389	0.995579	1.0022	1.0022	0.0109837	0.594419	1.54749	0.0172442	2.2795	2.2795		0.0516656	2.4025	2.4025	0.0119837	1.464524	1.464524	0.413943	1.39246	1.39246	0.1470303	1.85325	1.85325	2.89023	7.19306	2.21222	1
cg27279351	DYNLL1;DYNLL1;DYNLL1	0.074929	0.545911	0.846923	-1.18075	0.858571	1.04968	1.04968	0.0300962	2.00057	2.00057	0.017471	0.455452	-2.19562	0.864281	1.04761	1.04761		0.0520109	0.548293	-1.82384	0.807626	0.935834	-1.06857	0.131327	0.642206	-1.55713	0.724528	1.10097	1.10097	2.89019	3.38281	1.0404	1
cg10038322	TFAP2D	0.074931	0.901469	0.907743	1.10042	0.4219388	1.18027	1.18027	0.731667	1.3217	1.3217	0.215229	1.3217	1.3217	0.215229	1.3217	1.3217		0.813349	1.48329	1.48329	0.0854	1.368717	1.368717	0.211211	1.122939	1.122939	0.8801301	1.122939	1.122939	2.89019	27.334	8.40969	1
cg18503643	ADAMTS16	0.074935	0.201843	1.62149	-1.62149	0.00431851	0.3288	1.9286	0.0346744	2.41854	2.418454	0.293045	1.47876	1.47876	0.25743	1.52786	1.52786		0.312885	0.68772	-1.45408	0.737047	1.68201	1.68201	0.565436	1.23169	1.23169	0.2160943	1.59349	1.59349	2.89015	5.88761	1.81078	1
cg20326622	INTS4L1	0.074917	0.0708638	0.326201	-3.06982	0.0964006	0.393413	2.78232	0.0252308	0.226982	-4.44475	0.573504	0.290987	-3.43552	0.0668541	0.149033	-7.20769		0.947167	0.863153	-1.15817	0.1108905	0.387212	-2.58256	0.100109	0.30424	-2.74544	0.134905	0.405156	-2.46818	2.89015	14.3835	4.43275	1
cg17397259	AK7	0.074928	0.35196	1.1937	1.1937	0.231763	0.793077	-1.26091	0.105131	0.39035	0.39035	0.752035	0.943092	-1.06034	0.0295949	0.60551	0.60551		0.0135682	0.568578	-1.75877	0.747227	0.941976	-1.0616	0.751951	0.940373	-1.06036	0.713607	1.07051	1.07051	2.89013	1.56397	0.483115	1
cg08787332	SDK1	0.074933	0.607103	0.915954	-1.09176	0.556212	1.10599	1.10599	0.113306	1.34122	1.34122	0.0272716	0.642646	-1.55607	0.557756	0.904065	-1.10612		0.0646981	0.703849	-1.42076	0.0511497	1.45631	1.45631	0.162405	0.7769	-1.28717	0.570616	0.907547	-1.10187	2.89012	1.31128	0.403298	1
cg07797660	PRDM16;PRDM16	0.074943	0.407586	0.842431	-1.15951	0.177206	0.76947	-1.4095	0.0314893	0.660141	0.660141	0.168822	0.674406	0.918332	-1.08893	0.0250391	0.584926	-1.71196		0.363311	1.20729	1.20729	0.565856	0.889559	-1.12415	0.0501173	0.5689	-1.7575	0.480984	0.728057	-1.37281	2.89007	1.86097	0.572365	1
cg09245939	BMP6	0.074938	0.452818	0.857959	-1.16556	0.194534	0.759648	-1.3164	0.284795	1.24927	1.24927	0.514484	0.875978	-1.14158	0.211608	1.30161	1.30161		0.80895	0.952637	-1.04972	0.0440834	2.12819	2.12819	0.180593	0.752173	-1.32948	0.901849	1.02502	1.02502	2.89002	1.83858	0.564881	1
cg01463254	CDH5;CDH6	0.074904	0.15901	0.56231	-1.77838	0.018358	0.570404	-1.75314	0.0392078	0.403149	2.48068	0.0059599	0.2214	-4.51672	0.0796794	0.47527	-2.10407		0.335895	0.684202	-1.46156	0.658837	0.840731	-1.18523	0.911302	0.94091	-1.06296	0.971958	0.963189	-1.03829	2.89001	0.215592	0.074601	1
cg17501826	MIR1977	0.074921	0.3328003	1.1594	1.10334	0.00454628	0.6803113	-1.45072	0.3884931	0.5997	1.66744	0.1669	0.6998	-1.42901	0.1602	0.6243	-1.60189		0.607482	1.05232	1.05232	0.6650956	1.22545	1.22545	0.907844	0.9886665	-1.01146	0.474444	0.930885	-1.07425	2.88999	0.444488	0.136406	1
cg11125589	DGUOK;DGUOK;DGUOK;DGUOK	0.074924	7	7	7	0.971277	0.963523	-1.03786	0.5838	0.562895	-1.77653	0.00912991	0.0174161	-57.4183	0.0140144	0.0583082	-17.1502		0.728142	0.696936	-1.43485	0.618764	1.68281	1.68281	7	7	0.401096	2.46122	2.46122	3.94677	47.5221	8.60054	1
cg20427090	AGPAT4	0.074929	0.351979	0.629823	-1.58735	0.554486	1.92759	1.92759	0.751167	1.16597	1.16597	0.140494	1.24607	1.24607	0.0368254	0.510345	1.96136		0.525109	1.36455	1.36455	0.182409	1.64136	1.64136	0.479846	1.14336	1.14336	0.3940898	1.52312	1.52312	2.88997	10.6631	3.27973	1
cg24921808	PALM;PALM	0.074946	0.0443598	0.515926	-6.58217	0.982565	0.982328	-1.01799	0.87898	0.88265	0.404124	-2.47449	0.0197515	0.100546	-9.9457				0.344221	0.451585	-2.21442	0.0099907	0.0753099	-14.2126	0.383838	0.27201	2.07221	0.1720709	0.305424	-3.27414	2.88995	40.3735	0.37303	1
cg11882663	MSC	0.074946	0.0234626	52.7903	52.7903	0.889813	0.92856	1.03856	0.0175592	2.57155	2.57155	0.0138059	0.884146	-1.13103	0.0191778	2.80128	2.80128		0.543917	0.590314	-2.65944	0.0159897	0.0752116	-13.2911	0.0604316	0.26339	-3.79622	0.0403116	0.264339	-3.78339	2.88995	14.3835	4.43275	1
cg02211160	VAR5	0.074966	0.0943374	0.755853	-1.32301	0.844236	1.03039	1.03039	0.148392	0.788823	-1.26611	0.411541	0.880031	-1.13632	0.0241655	0.525712	1.90218		0.546478	0.911298	-1.09734	0.661909	1.06926	1.06926	0.254581	0.834389	-1.19848	0.130905	0.780164	-1.28178	2.88992	1.06026	0.326117	1
cg07469835	MYST3	0.074973	0.409851	0.911687	-1.09687	0.167666	1.37744	1.37744	0.577063	0.94006	-1.06375	0.181111	1.16854	1.16854	0.58966	1.10901	1.10901		0.859391	0.980736	-1.01964	0.171547	0.870359	-1.14885	0.0894928	0.179323	-5.57654	0.775287	1.15768	1.15768	2.88992	0.550776	0.16941	1
cg08866780	APP;APP;APP;APP;APP	0.074985	0.821173	1.21679	1.21679	0.473703	0.688457	1.45252	0.823069	1.21497	1.21497	0.163769	0.807927	1.23805	0.1602	1.24263	1.24263		0.149409	1.11799	1.11799	0.8862043	0.779392	-1.28879	0.0770761	0.76868	-1.30093	0.925682	0.987591	-1.01256	2.88984	0.819747	0.252147	1
cg03717201	BCL11A;BCL11A;BCL11A	0.074913	0.154666	0.815569	-1.22614	0.26658	1.16756	1.16756	0.92287	0.987123	-1.01304	0.0120399	0.52059	1.52059	0.522897	0.916992	-1.09052		0.414909	1.11799	1.11799	0.8862043	0.77592	-1.28879	0.0770761	0.76868	-1.30093	0.925682	0.987591	-1.01256	2.88984	0.819747	0.252147	1
cg08085106	RHCG	0.074928	0.100756	2.68845	2.68845	0.0240639	1.74396	1.74396	0.350247	1.80651	1.80651	0.248076	1.3963	1.3963	0.32988	1.73896	1.73896		0.258372	1.01551	1.01551	0.9614355	0.54066	2.9955	0.0072203	0.28859	-3.46512	0.0822559	0.88317	2.88317	2.88982	13.8581	4.26267	1
cg16494623	FAT1	0.074928	0.238827	1.34267	1.34267	0.564264	1.14937	1.14937	0.277363	1.30075	1.30075	0.161649	0.699788	-1.429	0.441527	0.82907	-1.20617		0.324571	1.78428	1.78428	-1.27506	0.0520056	2.41294	0.241294	0.761026	-1.31402	0.4178828	1.19102	1.19102	2.88982	2.61113	0.803167	1
cg02318866	C17orf95;C17orf95;MID6;MID6	0.074953	0.199277	0.875203	-1.14259	0.269166	0.893059	-1.11975	0.253523	0.884914	-1.13005	0.828092	1.0216	1.0216	0.827272	0.978751	-1.02171		0.729486	0.966456	-1.03471	0.00160301	0.640923	-1.56025	0.237665	0.885532	-1.12928	0.164748	0.864443	-1.15681	2.88982	0.442113	0.135991	1
cg20232119	HSPA1L	0.074946	0.340354	1.16453	1.16453	0.480087	0.826314	-1.2113	0.137169	0.65635	-1.4333	0.0561701	0.562627	-1.77744	0.0158255	0.534981	-1.86972		0.178619	1.16614	1.16614	0.3864681	0.73499	-1.36061	0.131663	0.580951	-1.72182	0.0821288	0.713355	-1.40202	2.88982	0.821337	0.251409	1
cg13893358	M2;ABLIM2;ABLIM2	0.074947	0.0391951	0.337846	-2.95993	0.0155199	0.259265	-3.85705	0.0440324	0.349138	-2.86419	0.756605	1.15187	1.15187	0.985073	0.421867	-2.37042		0.368216	0.656848	-1.52242	0.0588977	0.379031	-2.63831	0.0484672	0.359104	-2.78471	0.85711	0.921308	-1.08541	2.88979	9.46474	2.91132	1
cg25512657	ETNK2	0.074953	0.203962	0.802481	-1.24614	0.0523452	0.696166	-1.43644	0.0125936	0.600969	-1.66398	0.0674264	0.714385	-1.39981	0.317486	0.844005	-1.18483		0.375939	1.16083	1.16083	0.687977	0.935887	-1.06851	0.180301	1.26304	1.26304	0.572812	1.09804	1.09804	2.88975	1.23289	0.379237	1
cg01879870	ZFPM1	0.074958	0.276188	1.30815	1.30815	0.893003	1.03243	1.03243	0.0207378	0.556188	-1.79854	0.0109875	0.213119	2.13119	0.172143	0.708473	-1.41149		0.486267	1.18266	1.18266	0.612416	1.1288	1.1288	0.984483	1.00462	1.00462	0.879373	1.03667	1.03667	2.88974	2.57377	0.791696	1
cg06371044	NR6P2	0.074955	0.449436	0.792003	1.26233	0.0796508	1.34153	1.34153	0.0255605	1.68567	1.68567	0.0133833	0.413275	1.31919	0.1369928	1.75715	1.75715		0.543917	0.590314	-2.65944	0.0159897	0.0752116	-13.2911	0.0604316	0.26339	-3.79622	0.0403116	0.264339	-3.78339	2.88995	14.3835	4.43275	1
cg11145296	IGF1R	0.074959	0.0590925	0.424549	-2.35544	0.980634	0.99029	-1.0098	0.150762	0.538469	-1.85712	0.930411	1.03573	1.03573	0.115108	0.502242	1.99107		0.383015	0.697955	-1.43276	0.00378896	0.280031	-4.80697	0.753601	1.13494	1.13494	0.0866986	0.467388	-2.13955	2.88971	7.39524	2.27481	1
cg13100089	GAUNT14	0.074983	0.182128	1.78953	1.78953	0.0509709	0.610235	0.1315267	0.0747642	-1.33754	0.631841	0.922382	-1.08251	0.0752264	0.691451	-1.44623			0.456511	1.10193	1.10193	0.6627969	0.743252	-1.34584	0.28857	1.03202	1.03202	0.8403	1.03202	1.03202	2.88971	0.733877	0.233486	1
cg15666516	RPS11;SNORD35B	0.074915	0.0508356	1.28095	1.28095	0.0455295	0.774745	-1.29075	0.45946	0.919592	-1.08744	0.0187395	0.739476	1.32703	0.164963	1.17922	1.17922		0.684554	0.94651	1.04651	0.598167	0.942526	-1.06098	0.312193	0.8900161	-1.12339	0.720153	0.960754	-1.04085	2.88968	0.566873	0.174375	1
cg13149767	MARCH1;MARCH1	0.074928	0.702678	0.934644	-1.06993	0.022621	0.61812	-1.61781	0.965781	0.992468	-1.00759	0.525714	1.11999	1.11999	0.00547893	0.525355	-1.90348		0.541826	1.11498	1.11498	0.711776	1.06759	1.06759	0.702581	0.914662	-1.06995	0.1170318	0.740755	-1.34997	2.88966	1.42145	0.437252	1
cg18052838	SLC35A3;SLC38A10	0.074913	0.883661	1.04705	1.04705	0.32422	0.974795	-1.02088	0.134412	0.868167	1.42687	0.203338	1.34375	1.34375	0.0299554	0.694951	-1.43924		0.219526	1.13461	1.13461	0.662769	0.752353	-1.32904	0.0224001	1.82988	1.82988	0.73977	1.0761	1.0761	2.88966	1.83988	0.681626	1
cg05729093	IL4R;IL4R	0.074934	0.131605	0.812466	-1.23082	0.701668	0.952075	-1.05034	0.0080592	0.648526	-1.54196	0.629616	0.16397	1.16397	0.0597402	0.61542	-1.62501		0.132491	1.23014	1.23014	0.304533	0.873127	-1.14531	0.166218	1.20728	1.20728	0.260819	1.16142	1.16142	2.88965	0.745091	0.229198	1
cg04878136	GOLGA3	0.074938	0.983918	0.98525	1.01525	0.7929876	1.06048	1.06048	0.0360356	1.46082	1.46082	0.0996236	0.860355	1.16232	0.0999502	1.44776	1.44776		0.693944	1.0261	1.0261	0.8504644	0.820428	-1.21913	0.5157769	0.87056	-1.14869	0.28865	1.06602	1.06602	2.88962	0.607942	0.187242	1
cg22727432	CDADC1	0.074959	0.332355	0.705374	-1.41769	0.211411	0.631597	-1.58329	0.0271486	0.40142	-2.49115	0.0566918	0.471026	-2.12302	0.0056089	0.282121	-3.54458		0.489059	0.782484	-1.27798	0.0560684	0.469898	-2.12812	0.387663	0.73416	-1.3621	0.0908392	0.521964	-1.91584	2.88961	5.57465	1.71485	1
cg27269442	TSC1D23	0.074957	0.457435	1.0405	1.0405	0.32422	0.974795	-1.02088	0.134412	0.868167	1.42687	0.203338	1.34375	1.34375	0.0299554	0.694951	-1.43924		0.219526	1.13461	1.13461	0.662769	0.752353	-1.32904	0.0224001	1.82988	1.82988	0.73977	1.0761	1.0761	2.88966	1.83988	0.681626	1
cg27293136	PLXNC1	0.074931	0.19381	0.1138	0.1138	0.58778	1.15772	1.15772	0.397371	1.14683	1.14683	0.2917553	1.1888	1.1888	0.4556104	1.09002	1.09002		0.319697	0.984184	-1.01607	0.0274483	0.514182	-1.94484	0.683869	1.06686	1.06686	0.429166	1.13689	1.13689	2.8896	1.14381	0.351855	1
cg13307021	UBE2J;UBE2J;UBE2J	0.074968	0.0419481	1.40943	1.40943	0.9211	1.01461	1.01461	0.343601	1.15354	1.15354	0.896228	1.01929	1.01929	0.0443647	1.40227	1.40227		0.967315	0.994019	-1.00602	0.6164459	1.536	1.536	0.0481557	1.39186	1.39186	0.0276672	1.46396	1.46396	2.88957	0.980936	0.301755	1
cg07018786	DPP3	0.074949	0.0458184	1.39116	1.39116	0.7223	1.19448	1.19448	0.0378345	1.67835	1.67835	0.436748	1.34341	1.34341	0.0422554	1.56268	1.56268		0.124156	1.32102	1.32102	0.0706641	1.33	1.33	0.0258285	1.70857	1.70857	0.0144273	1.21882	1.21882	2.88957	1.79325	0.49262	1
cg02885771	LTV1	0.074969	0.38505	0.747211	-1.33831	0.372812	1.34903	1.34903	0.323991	0.73655	-1.35958	0.7685	1.1014	1.1014	0.0865103	0.538168	1.85815		0.127127	1.582831	-1.71576	0.0292574	0.431521	-2.31738	0.0487958	0.2882	0.2882	0.199671	1.55793	1.55793	2.88955	4.9	1.50735	1
cg06437370	DDX56	0.074969	0.899374	1.01865	1.01865	0.168444	1.24023	1.24023	0.8198731	0.960231	-1.03388	0.0412455	0.70896	-1.41052	0.177254	0.811002	-1.23304		0.739904	0.952497	-1.04987	0.0449835	0.581023	-1.7211	0.94681	0.990301	-1.00979	0.62499	1.07461	1.07461	2.88955	0.976557	0.30041	1
cg08074424	NUP35	0.074971	7	7	7	0.0956665	1.53128	1.53128	0.0186442	7.36555	7.36555	0.124567	7.36555	7.36555	0.124567	7.36555	7.36555		7	7	7	0.0124567	7	7	0.162277	7	7	0.1662277	7	7	2.88953	5.0896	0.34949	1
cg03778909	TBC0	0.074978	0.567426	1.13228	1.13228	0.824112	1.51213	1.51213	0.335679	0.807808	-1.23786	0.547267	0.877298	-1.13986	0.385553	1.2107	1.2107		0.727188	1.07819	1.07819	0.142928	1.40273	1.40273	0.387472	0.826634	-1.20973	0.00659224	0.468494	-2.1345	2.88952	2.11418	0.650375	1
cg08440018	SHC2	0.074923	0.194122	1.22008	1.22008	0.622172	1.85391	1.85391	0.17106	0.626816	-1.5956	0.0242858	0.40827	-2.44827	0.510381	1.10273	1.10273		0.0996557	1.3025	1.3025	0.1883568	1.32119	1.32119	0.450517	1.06908	1.06908	0.6263701	0.850418	0.850418	2.88955	0.1759	0.301964	1
cg25681728	DIS3L2	0.074931	0.093726	3.81932	3.81932	0.489009	1.66699	1.66699	0.997697	1.0021	1.0021	0.127937	0.30871	3.30871	0.0722471	4.29983	4.29983		0.14265	3.1445	3.1445	0.0104231	10.4315	10.4315	0.0329752	6.12953	6.12953	0.0292821	6.46883	6.46883	2.8895	24.1903	7.4416	1
cg27295963	MT3	0.074955	0.23893	1.50365	1.50365	0.0597902	2.01869	2.01869	0.0401803	2.19042	2.19042	0.0394162	2.39908	2.39908	0.504127	0.799163	-1.25131		0.560759	0.82322	-1.21474	0.1183	0.733073	-1.37214	0.0169897	0.7613	-1.31367	0.0726394	1.93361	1.93361	2.88946	5.00537	1.53981	1
cg03370188	ZNF513	0.074971	0.104552	0.715434	-1.39775	0.421709	1.67555	1.67555	0.0676664	0.5974	1.67375	1.1965	0.758476	1.31882	0.1585	1.09591	1.09591		0.1054891	0.795181	1.0577	0.3353332	1.49045	1.49045	0.1995581	0.774306	-1.29148	0.495598	0.877575	1.13956	0.1033356	0.880698	1.02742	1.02742	2.88944	1.63017	0.501495	1
cg05243890	NFATC4;NFATC4	0.074973	0.807038	1.10781	1.10781	0.114483	2.05086	2.05086	0.058661	2.44401	2.44401	0.854274	1.07996	1.07996	0.0276339	0.33636	-2.97301		0.0279415	0.337335	-2.96441	0.464011	1.36593	1.36593	0.581904	1.26197	1.26197	0.992459	0.996054	-1.00396	0.889444	0.811116	2.4645	1
cg21488125	ACSL3;ACSL3	0.074955	0.538266	1.10454	1.10454	0.3422	0.974795	-1.02088	0.134412	0.868167	1.42687	0.203338	1.34375	1.34375	0.0299554	0.694951	-1.43924		0.219526	1.13461	1.13461	0.662769	0.752353	-1.32904	0.0224001	1.82988	1.82988	0.73977	1.0761	1.0761	2.88966	1.83988	0.681626	1
cg24897127	IFITM3	0.074978	0.210788	0.601512	-1.66248	0.0115192	0.38126	0.38126	0.724662	0.872552	-1.14606	0.595353	0.813316	-1.22953	0.200863	0.594047	-1.68337		0.226216	1.6321	1.6321	0.415102	1.37868	1.37868	0.121644	1.90958	1.90958	0.104505	0.510166	-1.96015	2.88939	0.88067	2.09215	1
cg26732155	S2;MIS12	0.074983	0.180025	0.545821	-1.8321	0.599466	1.25276	1.25276	0.478047	0.735851	-1.35897	0.6686614	2.37698	2.37698	0.0208335	0.306406	-3.26364		0.987679	1.00659	1.00659	0.700397	0.84839	-1.1787	0.032641	2.89555	2.89555	0.3555517	1.49804	1.49804	2.88939	8.27513	2.54575	1
cg10880006	PRDM8;PRDM8	0.074984	0.089496	0.74712	0.84732	0.094523	0.804085	0.400486	0.117623	0.71589	0.71589	0.117133	0.71907	0.71907	0.086699	0.94598	0.94598		0.068865	0.10585	0.10585	0.0132976	0.34847	0.34847	0.0277921	0.20301	0.20301	0.0396062	0.157403	0.157403	2.88939	15.7103	5.75103	2.89933
cg02750038	KIAA0226;KIAA0226	0.074957	0.0249378	0.722805	0.722805	0.0189742	0.551289	0.551289	0.0107025	0.588579	0.588579	0.0076828	0.447683	0.447683	0.0053316	0.525552	-1.90237		0.0296644	0.522018	0.522018	0.0059256	0.2755	0.2755	0.0044756	0.2755	0.2755	0.0044756	0.2755	0.2755	2.88939	1.28409	0.41111	1
cg17863660	SPSS1;VPS53	0.074986	0.83065	1.04824	1.04824	0.0723973	0.643362	-1.55433	0.013241	0.508946	-1.96484	0.976163	0.74114	-1.34927	0.250263	1.30252	1.30252		0.070858	0.641468	-1.55892	0.125838	1.43962	1.43962	0.929002	1.0198	1.0198	0.867833	0.964024	-1.03732	2.8893	2.21455	0.681302	1
cg16656577	C5orf27	0.074984	0.311599	0.621347	1.61004	0.63466	1.58258	1.58258	0.0234284	0.620512	-1.61157	0.7774627	0.875474	-1.14224	0.0154472	1.30013	1.30013		0.0830816	2.40636	2.40636	0.0154472	1.668089	1.668089	0.0154472	1.668089	1.668089	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	df
cg06985715	FOXL1	0.1125205	7.36466	7.36466	0.0471123	14.6261	14.6261	0.1541461	6.05792	6.05792	0.07384491	10.51144	10.51144	0.572974	1.95925	1.95925	0.1038832	7.88547	7.88547	0.496526	0.442543	-2.25967	0.01496864	34.2086	0.02666022	22.2314	22.2314	2.88817	63.7793	19.6263	1
cg13238448	OX11	0.0750581	0.0578455	0.666932	-1.49986	0.0176589	1.6257	1.6257	0.6990321	1.0676	1.0676	0.7511186	1.05503	1.05503	0.67209	1.07431	1.07431	0.0860186	1.3763	1.3763	0.072999	0.7314136	-1.40029	0.0790026	0.8509022	-1.1641	0.5780116	1.09923	2.88817	1.29566	0.3990571	1
cg12254611	STRN4;STRN4;FKRP;FKRP	0.0750598	0.999761	1.000061	1.000061	0.5490951	1.1182	1.1182	0.9519665	1.50304	1.50304	0.728258	1.066391	1.066391	0.8624428	1.03248	1.03248	0.1837992	1.29676	1.29676	0.2480516	0.8004464	-1.24928	0.008304888	1.86232	1.86232	0.0277729	1.615331	1.615331	2.88814	1.55356	0.4781411	1
cg17537028	TSNARE1	0.0750617	0.667129	1.07455	1.074555	0.538936	1.10891	1.10891	0.2737551	1.20837	1.20837	0.324819	1.18408	1.18408	0.0134918	1.07218	1.07218	0.170308	0.0459956	1.46235	1.46235	0.5063204	1.11858	1.11858	2.88811	1.26324	0.3887931	1
cg10095533	ZFPM1	0.0750644	0.5722695	0.8301441	-1.20461	0.2243119	1.51723	1.51723	0.04170168	0.4689847	-2.13244	0.5467624	0.8194909	-1.23039	0.1391	0.594651	-1.68194	0.0050888	0.2984616	-1.35103	0.6805444	1.44478	1.44478	0.2570904	0.6795574	-1.47151	0.8118288	1.08101	2.88801	2.88807	0.478393	1.50163	1
cg04241863	TLNAT1	0.0750666	0.235388	0.444959	-2.2474	0.319635	1.95359	1.95359	0.8681311	1.11427	1.11427	0.109994	0.321628	-3.10918	0.0709296	0.268798	-3.72027	0.208426	0.421671	-2.37152	0.00754459	0.106522	-9.37893	0.398701	0.569714	-1.75527	0.0394388	0.2111966	-4.71773	2.88804	19.3939	5.9691	1
cg12526275	FRK	0.0750674	0.0279948	0.122419	-8.16864	0.0462663	0.157669	-6.34242	0.118192	0.2534383	-3.94504	0.210852	0.344171	-2.90553	0.021574	0.115967	-8.62313	0.0476185	0.159967	-6.2513	0.0202571	0.103855	-9.62878	0.162836	0.299605	-3.33773	0.133716	0.2702203	-3.70092	2.88802	29.9394	9.21489	1
cg09443827	TMEM140	0.0750678	0.0690837	0.299379	-3.34025	0.391133	0.593941	-1.68367	0.0174633	0.179876	-5.5594	0.252195	0.492038	-2.03236	0.0678523	0.297397	-3.36251	0.094009	2.97942	2.97942	0.218463	0.464182	-2.15433	0.309682	1.86511	1.86511	0.0933172	0.995087	-1.00494	2.88802	16.08	4.94918	1
cg13337915	HMGN1	0.0750697	0.0240921	0.235088	-4.25371	0.0302012	0.553194	-1.80779	0.2308695	0.751442	-1.33085	0.675559	0.607557	-1.64566	0.0224737	0.0995849	-10.0443	0.703908	1.42154	-1.42064	0.00532721	0.1367	-7.3153	0.3054854	0.6849779	-2.05209	0.4266311	0.64606	-1.54784	2.88798	13.2485	4.07775	1
cg03689277	ACVR2B;LOC100128640	0.075072	0.0255806	0.637937	-1.56755	0.690561	0.934435	-1.07017	0.0160036	1.6483	1.6483	0.544394	0.901247	-1.10957	0.528881	0.897523	-1.11418	0.6054998	0.915486	-1.09232	0.3822209	0.6605668	-1.50239	0.617808	0.918283	-1.08899	0.7432277	1.05728	1.05728	2.88795	1.31362	0.4043322	1
cg07996329	SNCB;SNCB;EIF4E1B;SNCB;SNCB	0.075072	0.318643	0.583764	-1.71501	0.0823712	2.71311	2.71311	0.0405168	1.43705	1.43705	0.814439	0.884396	-1.13072	0.0713088	0.349259	-2.86221	?	?	?	0.390077	1.55098	1.55098	?	?	?	0.647123	0.795994	-1.25629	0.957166	7.33297	1.47927	1
cg05421097	ST18	0.0750747	0.611392	1.09872	-1.09872	0.0373243	0.64144	-1.55899	0.597169	0.9066556	-1.10295	0.3767984	1.2309	1.2309	0.07794644	1.43319	1.43319	0.67051	1.08181	1.08181	0.0550685	1.49113	1.4913	0.4525141	1.15113	1.15113	0.0222293	1.65462	1.65462	2.88791	1.54411	0.4752724	1
cg19923393	SORCS2	0.0750748	0.643312	0.82586	-1.21086	0.0467223	0.417218	-1.67921	0.307876	0.648325	1.53092	0.2983	1.29823	1.29823	0.0898006	0.464515	-2.15278	0.138585	0.519868	1.92356	0.143675	0.5248858	-1.90528	0.0536635	0.406969	-2.45719	0.711731	1.1645	1.1645	2.88791	7.6996	2.36991	1
cg04574991	KIAA0907	0.0750751	0.0045423	0.26285	-3.80445	0.219913	1.58457	1.58457	0.45215	1.33092	1.33092	0.433137	0.753793	-1.32679	0.0137635	0.705122	-1.41819	?	?	?	0.390077	1.55098	1.55098	?	?	?	0.647123	0.795994	-1.25629	0.957166	7.33297	1.47927	1
cg14792031	KBTBD6	0.0750758	0.358797	1.61332	1.613324	0.0133098	7.06972	7.06972	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg12743470	C14orf115	0.0750767	0.16076	1.58774	1.587741	0.0494107	0.682552	1.46523	0.2283319	0.4229622	-2.32763	0.0968257	0.569807	-1.75498	0.324569	0.730569	-1.3688	0.3929556	0.763341	-1.31003	0.6037492	0.55527	-1.80127	0.3462651	1.4538	1.4538	0.555045	1.203401	1.20401	2.88788	4.3554	1.34059	1
cg17684657	SYCP2L	0.0750774	0.017383	0.31701	0.317015	0.4237725	1.8769	1.8769	0.1076505	0.2852825	0.643463	0.641463	0.442168	0.546684	-1.82921	0.295769	-3.38403	0.0710982	0.47826	-2.09174	0.0447376	0.903559	0.90359	0.471301	1.75889	1.75889	0.78787	27.1602	8.35996	1
cg19550313	TMEM126A	0.0750782	0.133181	1.31744	1.317444	0.2297739	0.80698	-1.23919	0.129978	0.7570194	-1.32095	0.830358	1.03719	1.03719	0.894966	0.977772	-1.02273	0.0340871	1.52329	1.52329	0.0179834	0.6131116	-1.61301	0.365965	0.853793	-1.17124	0.79785	1.04465	1.04465	2.88785	1.32456	0.4077102	1
cg09254049	KLHDC4	0.0750785	0.43328	0.866432	-1.18143	0.2328005	0.954312	-1.04783	0.6103737	0.9340651	-1.68332	0.248161	0.777461	-1.28604	0.0653266	0.470973	-2.12326	0.2320078	0.770028	-1.29865	0.406565	0.837753	-1.19367	0.387152	1.20301	1.20301	0.0452558	0.619446	1.61435	2.88785	1.98844	0.612037	1
cg03020181	CADM2;CADM2;CADM2	0.075081	0.812609	0.895286	-1.11696	0.0041002	0.61071	0.61071	0.0353453	1.33116	1.33116	0.328437	0.625116	-1.5997	0.872244	1.07784	1.07784	0.8588061	1.08447	1.08447	0.232166	1.79251	1.79251	0.680817	0.8247771	-1.21246	0.691306	0.8303959	-1.20483	2.88781	9.92205	3.05408	1
cg09262604	WSCD2	0.0750822	0.185641	0.483764	-2.06837	0.1135048	0.34252	0.34252	0.0013552	0.2681183	1.85315	1.85315	0.1944661	0.1563573	-1.03996	0.0523464	0.2877397	-1.47479	0.6302213	0.70476	-1.41907	0.0703556	0.1454813	-6.85817	0.0048781	0.2784871	-3.61179	0.8163666	1.12383	1.12383	2.88779	14.5723	4.4855	1
cg06768804	VWA1;VWA1	0.0750822	0.08501	0.319609	-3.12882	0.8189119	0.87167	-1.14722	0.174599	0.4211108	-2.37469	0.12571	2.69784	2.69784	0.172164	0.418784	2.38787	0.3036442	2.89292	2.89292	0.0105578	0.1456636	-6.86645	0.36264	0.570981	-1.75137	0.133438	0.379256	-2.63674	2.88779	16.4068	5.05016	1
cg18170080	ESAM	0.0750824	0.812271	1.07314	1.073141	0.483526	0.80781	-1.23791	0.00306041	3.35334	3.35334	0.467676	0.80125	-1.24665	0.171152	0.734534	-1.36141	0.932014	0.975196	-1.02543	0.797898	1.07956	1.07956	0.8670087	1.84501	1.84501	0.883394	1.0446	1.0446	2.88779	4.07041	1.25291	1
cg11277526	CARD14	0.0750856	0.325432	0.64594	-1.54833	0.1174821	1.07887	1.07887	0.55916	1.2077887	1.07887	0.559516	1.0031683	1.33998	0.2292117	1.33971	1.33971	0.167604	1.47239	1.47239	0.1390625	0.6720334	0.6724164	-1.48707	0.2790005	0.8862561	-1.12834	0.6430202	0.8179097	-1.2225	0.17734	0.539499	-1.85357	2.88774	8.5424	2.60818	1
cg11223622	TGB4;ITGB4;ITGB4	0.075088	0.668637	0.89283	-1.12003	0.0196569	2.10008	2.10008	0.0430182	1.84599	1.84599	0.375578	1.2705	1.2705	0.06253377	1.73643	1.73643	0.336924	1.29777	1.29777	0.0318603	1.93904	1.93904	0.168572	1.47144	1.47144	0.0280874	1.97964	1.97964	2.8877	3.16996	0.975773	1
cg02630888	FBXL5;FBXL5	0.0750885	0.0170443	0.261705	-3.82114	0.2930519	0.886169	-1.12845	0.7953343	0.4229514	-2.32821	0.2618485	0.5757712	-1.73698	0.0094575	0.2107034	-4.54962	0.204459	0.53949	-1.8536	0.0313271	0.315951	-3.16855	0.0615567	0.3004264	-3.32954	0.837077	-1.27388	0.5655567	0.761144	-1.31304	0.8809	9.73191	2.99013	1
cg14006320	CRMP1;CRMP1	0.0750896	0.480169	0.681048	-1.4666	0.480253	0.6819	-1.46649	0.283743	1.81161	1.81161	0.262048	1.86639	1.86639	0.325669	1.581876	1.71858	0.2919554	1.16804	1.16804	0.105192	0.7776545	-1.28593	0.0135205	0.647765	-1.54377	0.831204	0.9701132	-1.03079	0.87667	0.922877	0.284082	1
cg13530017	SNHG11;SNORA39	0.0750898	0.0164543	0.666293	-1.50084	0.381829	1.13588	1.13588	0.637776	1.06969	1.06969	0.211753	0.829552	-1.20547	0.742435	0.954235	-1.04796	0.160114	0.622124	-1.60645	0.0212414	0.159389	1.59389	0.966379	0.8209545	-1.21805	0.2672365	0.5225248	1.91599	-1.09688	0.876565	0.922827	0.284082	1
cg18461482	ITH1;17;ITH17	0.0750909	0.673746	0.894553	-1.11809	0.4216045	0.978353	-1.02312	0.8623693	0.9340663	-1.07068	0.7033797	0.9340663	-1.68332	0.248161	0.777461	-1.28604	0.2320078	0.770028	-1.29865	0.406565	0.837753	-1.19367	0.387152	1.20301	1.20301	0.0452558	0.619446	1.61435	2.88785	1.98844	0.612037	1
cg02293096	DERL3;DERL3;DERL3 SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC	0.0750947	0.239335	0.753102	-1.328	0.202895	1.36269	1.36269	0.0469577	0.592427	-1.68797	0.497717	0.853435	-1.17174	0.0487615	0.595628	-1.6789	0.192328	0.727287	-1.37395	0.1606511	1.41205	0.2241605	0.538537	-1.85688	0.554629	0.8714558	-1.1475	2.8876	2.42388	0.746142	1
cg08890629	14L1	0.0750952	0.149323	2.86349	2.863493	0.2099358	5.6852	5.6852	0.0564938	4.34564	4.34564	0.0599852	4.23683	4.23683	0.430747	0.578568	-1.72841	0.817441	0.854423	-1.17038	0.392693	1.81446	1.81446	0.0117532	8.51103	8.51103	0.7608571	1.23083	1.23083	2.88759	21.1727	6.51762	1
cg01028609	ALG12;CHCHD2;CRELD2	0.0751008	0.143618	0.657751	-1.52033	0.2283535	0.513987	-1.94557	0.6083331	1.44774	1.44774	0.850842	0.951052	-1.05147	0.186334	0.688319	-1.45281	0.0260968	4.9347	-1.02143	0.0703535	0.173472	5.71472	0.2874705	0.943449	-1.05994	0.2682234	1.3417	1.3417	2.8875	3.25011	1.00058	1
cg17757980	SYT15;SYT15	0.0751011	0.009921	0.282855	-3.53501	0.1345085	0.61771	0.61771	0.0825242	1.24312	1.24312	0.0881483	1.855315	1.855315	0.1944661	0.1563573	-1.03996	0.0523464	0.2877397	-1.47479	0.6302213	0.70476	-1.41907	0.0703556	0.1454813	-6.85817	0.0048781	0.2784871	-3.61179	0.8163666	1.12383	1.12383	2.88779	14.5723	4.4855	1
cg08515612	SULT2B1;SULT2B1	0.0751017	0.068767	0.201347	-4.96655	0.153367	0.300315	-3.32984	0.472405	0.562723	-1.77707	0.22612	0.367852	-2.71849	0.050746	0.173534	-5.76255	0.0530895	0.177405	-5.63683	0.00608236	0.0597112	-16.7473	0.0439449	0.163754	-6.18224	0.184654	0.330524	-3.0255	2.88749	28.3123	8.71572	1
cg26753993	MYLIP;MLIP	0.0751035	0.313658	0.583764	-1.71501	0.0823712	2.71311	2.71311	0.0405168	1.43705	1.43705	0.814439	0.884396	-1.13072	0.0713088	0.349259	-2.86221	0.222118	0.60237	-1.66039	0.327256	0.6602707	-1.51468	0.2203242	0.4447667	-2.24848	0.6022187	0.8975318	1.08407	2.8875	1.08407	0.3923848	1.24413	1
cg13150061	WDR20	0.0751028	0.626758	1.07214	1.072141	0.6828982	0.748168	-1.3366	0.6406	0.935355	-1.06911	0.174287	1.22803	1.22803	0.79734	0.96362	-1.03775	0.113502	2.27734	1.27734	0.243274	1.46447	0.8484016	0.7258855	-1.37768	0.781481	1.04032	1.04032	2.88747	0.923888	0.2844113	1
cg24675658	ZYG11B	0.0751047	0.139581	0.448381	-2.23025	0.260452	1.80274	1.80274	0.020951	4.16742	4.16742	0.0714047	0.359905	-2.77851	0.240564	0.59428	-1.68282	0.990025	0.993783	-1.00626	0.266485	1.78817	1.78817	0.0762543	2.71963	2.71963	0.823801	0.894696	-1.1177	1.09706	1.94987	0.3009	1
cg12427162	SPTJD2	0.0751048	0.143204	1.2886	1.288601	0.1425977	1.25607	1.25607	0.6497708	0.6553966	-1.52606	0.7823502	0.93622	-1.06823	0.0609091	1.16111	1.16111	0.5200869	1.07333	1.07333	0.7733833	1.15974	1.15974	0.2737581	1.99974	1.99974	0.0155443	1.48935	1.48935	2.88744	1.48935	0.5124847	1
cg13150066	WDR20	0.0751028	0.626758	1.07214	1.072141	0.6828982	0.748168	-1.3366	0.6406	0.935355	-1.06911	0.174287	1.22803	1.22803	0.79734	0.96362	-1.03775	0.113502	2.27734	1.27734	0.243274	1.46447	0.8484016	0.7258855	-1.37768	0.781481	1.04032	1.04032	2.88747	0.923888	0.2844113	1
cg24675658	ZYG11B	0.0751047	0.139581	0.448381	-2.23025	0.260452	1.80274	1.80274	0.020951	4.16742	4.16742	0.0714047	0.359905	-2.77851	0.240564	0.59428	-1.68282	0.990025	0.993783	-1.00626	0.266485	1.78817	1.78817	0.0762543	2.71963	2.71963	0.823801	0.894696	-1.1177	1.09706	1.94987	0.3009	1
cg12427162	SPTJD2	0.0751048	0.143204	1.2886	1.288601	0.1425977	1.25607	1.25607	0.6497708	0.6553966	-1.52606	0.7823502	0.93622	-1.06823	0.0609091	1.16111	1.16111	0.5200869	1.07333	1.07333	0.7733833	1.15974	1.15974	0.2737581	1.99974	1.99974	0.0155443	1.48935	1.48935	2.88744	1.48935	0.5124847	1
cg14523898	EPHA10	0.0751062	0.154555	2.21397	2.213971	0.0500406	0.93916	-1.06916	0.631487	1.28866	1.28866	0.887171	0.928628	-1.07686	0.8921051	1.07335	1.07335	0.156193	2.06006	2.06006	0.707569	0.9015651	-1.10478	0.0129942	0.99124	0.99124	0.5917119	1.3263	1.3263	2.88742	12.4407	3.82986	1
cg09183316	CTDSP2	0.0751065	0.639004	1.14286	1.142863	0.3145	0.7345	-1.36127	0.2855883	1.33998	1.33998	0.229217	1.39371	1.39371	0.167604	1.47239	1.47239	0.1390625	0.6720334	0.6724164	-1.48707	0.2790005	0.8862561	-1.12834	0.6430202	0.8179097	-1.2225	0.17734	0.539499	-1.85357	2.88774	8.5424	2.60818	1
cg07430988	SPATA13;SPATA13	0.0751069	0.738412	1.33611	1.33611	0.617711	0.641881	-1.55792	?	?	?	?	?	0.00878913	0.0423528	-23.6112	0.966948	1.03643	1.03643														
cg12976214	NCAM1;NCAM1	0.0751071	0.200756	0.674919	-1.48146	0.2307	1.21638	1.21638	0.110628	1.6583	1.6583	0.0854709	1.73866	1.73866	0.0198327	0.412561	-2.42388	0.2276569	0.691807	-1.44549	0.8042497	0.9302379	0.17499	0.1719847	1.52679	1.52679	0.0040487	0.1957	1.0357	2.88739	3.87707	1.19172	1
cg29311229	GRIP1	0.0751084	0.0934577	0.557563	-1.52456	0.0474043	0.424055	-2.35818	0.0366288	0.573851	-1.74261	0.731545	0.826084	-1.21048	0.0107617	0.260871	-3.83233	0.115069	0.675792	-1.47975	0.522818	0.862233	-1.15965	0.863096	0.10428	0.0428	0.0820803	0.643666	1.55362	2.88738	2.39194	0.736365	1
cg23709618	PRSS12	0.0751126	0.0658316	0.584664	-1.71038	0.645885	1.12784	1.12784	0.696114	0.902974	-1.10745	0.290983	0.752063	-1.32968	0.0719644	0.593163	-1.68588	0.065064	0.88821	-1.12586	0.00509059	0.381859	-2.61877	0.0381398	0.535314	-1.86806	0.2030267	0.704518	-1.41941	2.88731	3.09182	0.951847	1
cg10318862	NAA61;NAA61	0.075143	0.107363	0.318615	-3.13858	0.0375975	2.9824	2.9824	0.1576766	0.6993458	-1.43001	0.2526466	0.2860993	-3.4955	0.0236108	0.1835594	-5.4495	0.1630206	0.4545654	-2.20091	0.1598833	0.6255816	-1.5985	0.1862506	1.62508	1.62508	0.0644072	0.402432	2.48488	2.88731	2.70188	1	
cg23259001	PACS2;PACS2	0.0751136	0.414288	1.44405	1.444055	0.0393012	0.52538	0.52538	0.0495324	2.68232	2.68232	0.311361	1.58592	1.58592	0.4075	1.45218	1.45218	0.207258	1.79603	1.79603	0.0231068	3.30694	3.30694	0.145625	1.98962	1.98962	0.578151	1.28062	1.28062	2.8873	8.86537	2.72931	1
cg03486475	PCDHGA4;PCDHGA9;PCDHGA1;PCDHG B1;PCDHGB6;PCDHGB3;PCDHGB7;PCD HGA6;PCDHGA8;PCDHGA10;PCDHGA	0.0751166	0.459049	1.39164	1.391641	0.519329	1.33476	1.33476	0.311773	1.58204	1.58204	0.678714	0.833106	-1.20033	0.934673	1.03659	1.03659	0.443823	0.704621	-1.4192	0.0885476	0.435283	4.35283	0.0152603	3.69132	3.69132	0.275482	1.608156	-1.64431	2.88725	8.78719	2.70528	1
cg11939465	PAK6;PAK6;C15orf56;PAK6	0.0751169	0.293062	0.364731	-2.74174	0.0792106	6.06135	6.06135	0.157678	4.04303	4.04303	0.414029	0.46203	-2.16436	0.194815	0.281363	-3.55412	0.0609623	7.04881	7.04881	0.530449	0.5556549	-1.7997	0.773613	0.765908	-1.30564	0.0185127	14.0292	14.0292	2.88725	39.099	12.0373	1
cg06739103	LOC144666	0.075118	0.282799	0.680384	-1.47045	0.0104401	0.203655	-4.91026	0.183902	0.540048	-1.85169	0.538916	0.80661	-1.23976	0.0416487	0.750698	-1.33209	0.765729	0.901941	-1.10872	0.230747	0.6407358	-1.56091	0.561328	0.816274	-1.22508	0.95029	1.02727	1.02727	2.88723	1.54572	0.4486011	1
cg19102938	TOP1MT	0.0751188	0.00776458	0.6514459	-1.53502	0.4253387	1.14217	1.14217	0.2339373	0.8157156	-1.22676	0.3258328	0.8468821	-1.18089	0.305103	0.840333	-1.19	0.0044016	0.685145	-1.45954	0.0088025	0.577426	-1.73182	0.712404	1.06256	1.06256	0.0279325	1.014994	1.01499	2.88722	5.22821	1.63781	1
cg03805566	KLHL6	0.0751191	0.0857183	0.576364	-1.73501	0.931861	1.02512	1.02512	0.00605311	0.3534325	-2.82946	0.11251	0.605774	-1.65078	0.044477	0.511952	-1.95331	0.434532	0.793478	-1.26028	0.579584	1.17627	1.17627	0.395452	1.28723	1.28723	0.761406	0.915439	-1.09237	0.87221	3.84884	1.18495	1
cg08897952	STEGA4	0.0751193	0.119468	0.582019	-1.71766	0.2149465	0.859228	-1.16392	0.6017127	0.5615653	-1.78091	0.2806913	0.6233617	1.60451	0.1292553	0.8299855	-1.20513	0.2322851	0.922047	-1.08403	0.5015565	0.9225047	1.08403	0.9225047	1.23895	1.23895	0.8444972	1.18404	1.06456	0.8818094	1.07609	0.7076097	2.8871	4.66431	1.54301	1
cg09040809	NDUFV3;NDUFV3	0.0751198	0.176175	0.828547	-1.20693	0.2455155	1.41963	1.41963	0.4844822	0.9112169	-1.09737	0.0996813	1.216316	1.26616	0.309106	1.14759	1.14759	0.0661848	1.30934	1.30934	0.619591	0.936645	-1.06764	0.535182	0.921149	-1.0856	0.0430862	1.35588	1.35588	2.8872	0.782168	0.2408088	1
cg16588443	RIT1	0.0751204	0.572691	1.16845	1.168451	0.103442	1.86307	1.86307	0.1230002	0.6133485	1.88194	0.189831	1.32346	1.32346	0.0176902	1.19255	1.19255	0.5200957	1.19413	1.19413	0.104638	1.62035	1.62035	0.833	0.944164	-1.05914	0.4123943	1.24947	1.24947	2.88719	3.58104	1.12424	1
cg16637712	ARHGAP23	0.0751214	0.0533774	0.268167	-3.72902	0.3361294	4.31267	4.31267	0.0362818	4.3059	4.3059	0.318028	1.85706	1.85706	0.295974	0.52207	-1.91545	0.714869	0.802476	-1.24614	0.647216	0.758549	-1.31831	0.1165905	2.77762	2.77762	0.594265	0.724374	-1.3805	2.88718	16.448	5.06392	1
cg10336309	RFTN1 CD46;CD46;CD46;CD46;CD46;CD46;CD 46;CD46;CD46;CD46;CD46;CD46;	0.0751229	0.25837	0.624078	-1.60236	0.0374402	2.67515	2.67515	0.0707886	2.24144	2.24144	0.24131	1.87871	1.87871	0.150352	0.492935	-2.02867	0.280656	1.55588	1.55588	0.134818	0.524916	-1.90507	0.444629	0.732319	-1.36553	0.499968	0.760552	-1.31487	2.88715	7.30832	2.25007	1
cg16257086	CD46	0.0751243	0.915091	0.983883	-1.01638	0.2234145	1.51068	1.51068	0.320436	0.8552214	-1.1693	0.0969065	1.31996	1.31996	0.50823	1.10766	1.10766	0.680403	0.938848	-1.06513	0.0207556	0.65434	-1.52826	0.825397	1.03423	1.03423	0.164743	1.25333	1.25333	2.88713	1.0613	0.326751	1
cg23056042	SHQ1	0.075125	0.477193	0.904259	-1.10588	0.0669294	1.33107	1.33107	0.10967	1.27486	1.27486	0.0494123	0.731802	-1.36649	0.693035	0.946254	-1.0568	0.3675551	0.879075	1.13756	0.903646	1.01701	1.01701	0.0174251	0.6682264	-1.49641	0.4202023	0.8916615	-1.12156	2.88712	0.8865586	0.272963	1
cg19840095	C5orf36	0.0751307	0.0554674	0.569514	-1.75588	0.649047	1.12618	1.12618	0.957155	0.9861621	-1.01403	0.511741	0.841476	-1.18839	0.0135526	0.452751	-2.20872	0.413418	1.24218	1.24218	0.0485175	1.79415	1.79415	0.15993	0.677439	-1.47615	0.5554142	0.85668	-1.1673	2.88703	3.08574	0.946991	1
cg01769165	SMAP2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg26527232	SMG6;SMG6	0.0752173	0.0918879	0.629413	1.53277	0.169363	0.911765	-1.40496	0.0268646	0.546942	-1.82835	0.69792	1.09392	1.09392	0.560248	0.873301	0.14508	0.253844	0.760143	-1.31554	0.776394	1.06756	1.06756	0.0172166	1.95029	0.952973	0.632913	0.895163	1.11711	0.288568	2.42087	0.745712	1
cg04460984	CHRNB4	0.0752182	0.0367916	76.6954	76.6954	0.188522	12.0945	12.0945	0.173653	13.329	13.329	0.0797278	32.4355	32.4355	0.0533563	50.7397	50.7397	0.0479758	57.0995	57.0995	0.187337	12.1854	12.1854	0.0118012	277.557	277.557	0.0391092	71.595	71.595	0.283666	146.298	45.065	1
cg13003226	ANLN;KIAA0895	0.0752184	0.00261901	0.377296	-2.65044	0.844042	0.954971	-1.04715	0.852341	0.957349	-1.04455	0.426477	1.20919	1.20919	0.97339	0.992376	-1.00768	0.0405309	0.575026	-1.73905	0.60923	0.886387	-1.12818	0.783595	1.06652	1.06652	0.35389	0.8000616	-1.24998	0.288566	2.500838	0.770363	1
cg19264203	MTMR18	0.0752204	0.611212	1.10329	1.10329	0.0082083	1.91252	1.91252	0.0458758	1.54685	1.54685	0.18092	1.31307	1.31307	0.0487475	1.53968	1.53968	0.0808572	1.44943	1.44943	0.0597502	1.50279	1.50279	0.447904	1.15986	1.15986	0.606371	0.905140	-1.10479	0.83663	1.680313	0.517547	1
cg06780875	MET;MET	0.0752206	0.447378	1.35896	0.867735	1.06857	0.106857	0.381585	0.700859	-1.42682	0.927311	1.0368	1.0368	0.0356409	0.734778	-2.85895		0.0529036	0.41837	-2.39023	0.0077516	0.286705	0.258079	-3.87478	0.673576	1.18272	1.13882	0.0271047	0.544876	-1.83528	2.88562	4.14333	1.27631	1
cg24155123	PCDHGA1;PCDHGC3;PCDHGA12;PCDHGB7;PCDHGB6;PCDHGB3;PCDHPR8;PCDHPR1;PRKAR1B;PRKAR1B;PRKAR1B;	0.0752209	0.459147	0.796962	-1.25477	0.493378	1.23299	1.23299	0.70799	0.89289	-1.11996	0.546128	1.20192	1.20192	0.0856709	0.564413	-1.77175	0.908512	0.965979	-1.03522	0.0408101	0.324061	-3.08584	0.913928	1.36832	1.36832	0.071047	0.544876	-1.83528	2.88562	4.14333	1.27631	1
cg05955624	PRKAR1B;PRKAR1B	0.0752226	0.609361	0.875856	-1.14174	0.195087	1.4226	1.4226	0.878256	1.04021	1.04021	0.123305	0.650922	-1.53628	0.199406	0.705587	-1.41726	0.570016	1.15911	1.15911	0.00434419	2.66505	2.66505	0.339352	1.28825	1.28825	0.885957	1.0376	1.0376	2.8856	3.0233	0.931308	1
cg00008446	NTRK1;INSR	0.0752233	0.251255	1.51539	1.51539	0.0113048	3.00437	3.00437	0.0443865	2.22707	2.22707	0.0146948	2.83338	2.83338	0.681663	0.866735	-1.15376	0.505708	1.26386	1.26386	0.179683	1.63913	1.63913	0.0752002	1.98775	1.98775	0.502949	1.26584	1.26584	2.88558	5.49547	1.69285	1
cg01126753	AEBP1;AEBP1	0.0752234	0.655092	1.31516	1.31516	0.507604	0.663596	-1.50924	0.170075	0.4036	0.4036	0.695405	1.22087	1.22087	0.0152309	0.519609	-1.92505	0.279048	1.99209	1.99209	0.365399	1.92877	1.92877	0.0418207	0.185907	-5.37932	0.416999	1.65964	1.65964	1.00492	17.7803	4.46833	1
cg22220310	SDF4;SDF4;B3GALT6	0.0752249	0.648095	1.10761	1.10761	0.0111624	2.0328	2.0328	0.383377	1.22064	1.22064	0.224177	1.3295	1.3295	0.999269	1.0002	1.0002	0.680409	1.09678	1.09678	0.00383991	2.38479	2.38479	0.439052	1.19248	1.19248	0.879033	1.03455	1.03455	2.88556	2.27359	0.700373	1
cg18576588	CPQ;CRIP2	0.0752251	0.734898	1.18021	1.18021	0.731515	0.835266	-1.19722	0.571734	0.756853	-1.32126	0.688106	1.21741	1.21741	0.40445	0.659767	-1.51569	0.911933	0.947493	-1.05542	0.0243391	0.127832	-7.82277	0.473435	1.42211	1.42211	0.0545783	0.345736	-2.89238	2.88556	10.8612	3.34577	1
cg14094444	G3BP1;G3BP1	0.0752278	0.235537	0.428581	-2.33138	0.229707	0.416951	-2.39837	0.083331	0.270307	-3.69362	0.113228	0.308888	-3.23741	0.00566442	0.0842557	-11.8686	0.0213383	0.151756	-6.58955	0.528126	0.64686	-1.54593	0.994084	0.994068	-1.00506	0.0886253	0.277887	-3.59729	2.88551	21.2281	5.53936	1
cg26353468	FLI2;EBS0	0.0752281	0.354569	0.828433	-1.2071	0.102536	1.42342	1.42342	0.00655494	2.00956	2.00956	0.536726	1.13159	1.13159	0.540634	0.884783	-1.13022	0.329855	1.21985	1.21985	0.0776261	0.678676	-1.47346	0.6181	0.905445	-1.10443	0.851575	1.03771	1.03771	2.88551	1.78487	0.549834	1
cg16204289	FAM178A;FAM178A	0.0752289	0.0554374	0.720213	-1.38848	0.254406	0.818534	-1.19712	0.255045	0.646594	-1.17842	0.50295	0.963276	-1.03854	0.0687753	0.882816	-1.07248	0.813959	0.964989	-1.03628	0.00550241	1.79227	1.79227	0.471293	0.895132	-1.11725	0.541253	0.910374	-1.09801	2.8855	1.04451	0.321764	1
cg08085772	SYN2;SYN2	0.0752298	0.157166	0.779131	-1.39289	0.0709159	0.642772	-1.55576	0.057721	0.624985	-1.60004	0.0599275	0.455331	-2.19621	0.0430898	0.60062	-1.66504	0.493671	0.858769	-1.16446	0.899256	0.972369	-1.02854	0.172195	0.719235	-1.39037	0.719598	1.08216	1.08216	2.88548	2.19255	0.675427	1
cg01176141	ANO1;ANO1	0.0752302	0.554864	1.15587	1.15587	0.0301126	1.8562	1.8562	0.456533	0.832019	-1.2019	0.81562	1.05828	1.05828	0.124169	1.49746	1.49746	0.141807	0.681758	-1.4668	0.109193	0.654678	-1.52747	0.0802053	1.60112	1.60112	0.142985	0.682641	-1.4649	2.88548	2.68784	0.828004	1
cg14308833	ZC3HC1	0.0752302	0.0688808	0.58079	-1.72201	0.0788744	1.11712	1.11712	0.274332	0.749782	-1.33418	0.344448	0.970795	1.03027	-1.03027	0.868633	-1.15147	0.517585	0.840351	-1.18972	0.299165	1.33217	1.33217	0.511942	1.18899	1.18899	0.697241	0.90326	-1.1071	2.88548	3.09502	0.95344	1
cg06340704	MBNL2;MBNL2	0.0752302	0.906238	0.955171	-1.04691	0.184921	1.72858	1.72858	0.0292965	2.71673	2.71673	0.0683508	2.22188	2.22188	0.0945319	0.489022	-2.0449	0.756561	1.12867	1.12867	0.271305	0.640328	-1.5617	0.654527	2.3374	2.3374	0.153472	1.81288	1.81288	2.88545	6.923955	2.13299	1
cg01226420	GRIA4;GRIA4	0.0752318	0.871974	0.979911	-1.02176	0.0179934	0.642626	-2.07355	0.122972	0.65975	-1.51572	0.151384	0.91128	-1.09756	0.962319	1.01075	1.01075	0.200688	1.409	1.409	0.0150402	2.13436	2.13436	0.962673	1.01194	1.01194	0.712222	0.910288	-1.09855	2.88542	2.94121	0.909274	1
cg05668580	GABRG2;GABRG2;GABRG2	0.0752346	0.295141	0.773459	-1.29289	0.724412	0.919657	-1.08736	0.483723	0.845019	-1.18341	0.886476	0.966766	-1.03438	0.085545	1.5678	1.5678	?	?	?	0.445371	2.24549	2.24549	0.183596	1.39394	1.39394	0.107345	1.51564	1.51564	2.92203	2.30286	0.788103	1
cg14434293	ADAR82	0.0752391	0.160115	0.468544	-2.13427	0.0807106	0.184783	-5.41176	0.0954685	0.39644	-2.52245	0.0414976	0.304976	-3.27895	0.0293469	0.273488	-3.65647	0.0889783	0.387673	-2.57949	0.0963799	0.359635	-2.51487	0.396458	0.644893	-1.55064	0.0879224	0.186208	-2.58928	2.88534	11.6611	3.59246	1
cg05284792	CALCR;CALCR	0.0752407	0.0497303	0.613708	-1.62954	0.5014464	1.3127	1.3127	0.515861	1.58883	1.58883	0.0306568	0.803915	-1.24457	0.0228015	0.620115	-1.61284	0.328562	1.668881	1.668881	0.149503	0.643941	1.55364	0.0235452	1.50345	1.50345	0.680427	1.17959	1.17959	2.88531	2.21241	0.539366	1
cg23112425	PDGFA;PDGFA	0.0752428	0.456836	1.25427	1.25427	0.00819074	0.363668	-2.74976	0.610499	0.857629	-1.16601	0.0905708	0.572637	-1.74631	0.209144	0.673143	-1.48557	0.0195532	0.430157	-2.32473	0.794478	0.924917	-1.08118	0.624001	1.15918	1.15918	0.167945	0.644451	-1.55171	2.88528	4.08467	1.25839	1
cg16243151	PAMR1;PAMR1	0.0752447	0.220483	0.868917	-1.15099	0.0982445	1.21863	1.21863	0.175999	1.16984	1.16984	0.307705	1.12201	1.12201	0.269445	1.13359	1.13359	0.558809	0.937576	-1.06635	0.00385533	1.52887	1.52887	0.0642427	0.995134	0.995134	0.993639	1.0064	1.0064	2.88525	0.543194	0.167347	1
cg01109227	TULP1	0.0752452	0.49751	1.29845	1.29845	0.589409	1.2295	1.2295	0.643926	0.88238	-1.19303	0.0285661	0.663441	-1.96094	0.0391997	0.405816	-2.46417	0.650748	1.841288	1.841288	0.0477115	0.314754	0.314754	0.31982	3.1092	3.1092	0.137868	1.13698	1.13698	2.88524	6.57056	2.02426	1
cg04849824	ZNF785	0.0752461	0.119105	1.39466	1.39466	0.319104	0.816692	-1.22445	0.798243	1.05167	1.05167	0.325731	1.22086	1.22086	0.0438661	1.57702	1.57702	0.0848242	1.45471	1.45471	0.00500879	2.0757	2.0757	0.482189	1.15082	1.15082	0.8960997	1.02603	1.02603	2.88523	1.76736	0.544492	1
cg22467129	ETFA;ETFA	0.0752462	0.7395563	1.09079	1.09079	0.1020381	0.593921	-1.37294	0.317242	0.746372	-1.46372	0.054177	1.56587	1.56587	0.0865333	1.51344	1.51344	0.163624	1.546538	1.546538	0.0070334	3.360665	3.360665	0.73496	1.16301	1.16301	0.625864	0.71165	-1.40519	2.88523	3.19363	0.72188	1
cg24011073	LPIN1	0.0752473	0.524665	0.803188	-1.24504	0.9402	1.02583	1.02583	0.0697817	0.501889	-1.99247	0.115272	0.558714	-1.78982	0.01658	0.369787	-2.70426	0.961348	0.98366	-1.01661	0.0873425	1.89965	1.89965	0.185501	1.61171	1.61171	0.180913	0.616971	-1.62082	2.88521	5.28114	1.62704	1
cg17120764	FAS;FAS;FAS;FAS;FAS;FAS;ACTA2	0.0752479	0.11093	0.607471	-1.64641	0.178241	0.563578	-1.77419	0.0715591	0.442626	-2.25935	0.0214995	0.427583	-2.33941	0.0175599	0.377864	-2.64646	0.0682872	0.253565	-3.94395	0.0256967	0.215701	2.99006	0.334406	0.208664	-4.8062	-4.8062	0.215701	2.99006	0.0405412	2.88527	0.210121	0.060274	1
cg07113947	CDS1;CDS5	0.0752504	0.199087	1.62973	1.62973	0.384721	0.725578	-1.37821	0.887352	1.05234	1.05234	0.54528	1.2465	1.2465	0.0212452	2.70951	2.70951	0.972074	1.987479	-1.01268	0.00932225	0.305096	-3.27766	0.770584	1.9000099	-1.11099	0.563587	1.23388	1.23388	2.88516	1.9202	1.82395	1
cg01504735	MTRR;MTRR;FASTKD3	0.0752509	0.00588312	0.561078	-1.78228	0.345855	1.16843	1.16843	0.68834	1.06672	1.06672	0.0708115	0.723487	-1.38219	0.7391	0.947819	-1.05505	0.572	0.912505	-1.09588	0.0397191	0.68298	-1.46417	0.732704	1.05651	1.05651	0.702662	1.06343	1.06343	2.88515	1.17473	0.361925	1
cg27017580	BRF1;BTBD6	0.0752522	0.538382	1.1026	1.1026	0.0810943	1.8202	1.8202	0.754913	1.12662	1.12662	0.232282	1.61114	1.61114	0.0623193	2.07255	2.07255	0.122211	1.8926	1.8926	0.0292143	3.37597	3.37597	-2.65979	0.40028	1.38793	1.38793	0.4508885	0.746411	-1.33975	2.88513	6.23777	2.04074	1
cg19861117	NOVA2	0.0752526	0.156082	3.42763	3.42763	0.0522596	0.00264	0.00264	0.37362	2.09897	2.09897	0.336906	2.23396	2.23396	0.495495	0.57015	-1.75392	0.128062	3.80218	3.80218	0.00673405	17.3276	17.3276	0.0317992	7.71305	7.71305	0.176405	3.2116	3.2116	2.88513	30.115	9.27824	1
cg08483560	PRDX1;PRDX1;PRDX1	0.0752528	0.759137	1.09313	1.09313	0.0833107	1.47273	1.47273	0.860301	1.03402	1.03402	0.144643	1.36043	1.36043	0.0744766	1.48175	-1.48175	0.104112	0.606558	-1.64903	0.0148452	1.55744	1.55744	0.0893713	-1.11893	0.0800084	0.984566	1.96456	0.257219	-3.88652	0.12837	0.583826	1
cg07279961	PTPRG	0.0752531	0.220856	0.836594	-1.19532	0.451376	0.899089	-1.11224	0.0214668	0.681825	-1.46665	0.653244	1.0647	1.0647	0.142843	1.21672	-1.2672	0.794191	1.03691	1.03691	0.0817503	0.625511	-1.59869	0.251065	0.846839	-1.18086	0.576303	0.9242	-1.08202	2.88512	0.878119	0.270543	1
cg05487082	TNFSF11;TNFSF11	0.0752572	0.993081	0.996108	-1.00391	0.209285	0.551466	-1.81335	0.800379	0.892303	-1.1207	0.501373	0.735724	-1.35921	0.031602	0.32191	-3.10646	0.0173417	0.271657	-3.68112	0.00754244	0.213069	-4.69331	0.206791	0.549469	-1.81994	0.17887	0.526107	-1.90075	2.88506	9.24196	2.84746	1
cg18836902	ITB1;ITB1;ITB1	0.0752583	0.18987	1.31933	1.31933	0.0188803	0.73111	-1.36811	0.0746586	0.538312	-1.85768	0.0188204	0.73482	-1.36043	0.0244796	0.538312	-1.85768	0.0510164	0.581861	-1.71862	0.177005	0.7061	-1.41623	0.755034	0.882789	-1.13293	0.0911232	0.884	-1.13094	2.88505	1.68726	0.583826	1
cg02263717	TBL1X;TBL1X;TBL1X	0.0752626	0.927321	1.02262	1.02262	0.187123	1.40898	1.40898	0.859484	0.957581	-1.04429	0.00625927	0.417448	-2.39551	0.509719	0.848746	-1.17821	0.341879	2.786508	-1.27144	0.246709	0.743014	-1.34583	0.435714	0.822829	-1.21532	0.0589003	1.68731	1.68731	2.88497	2.74761	0.846566	1
cg12864235	CDH9	0.0752637	0.0193483	0.622015	-1.60785	0.0710494	0.514164	1.3127	1.3127	0.515861	1.58883	1.58883	0.0306568	0.803915	-1.24457	0.0228015	0.620115	0.559744	1.693383	1.693383	0.0214356	0.590745	1.30789	0.0269336	0.538336	1.33846	1.33846	0.0886777	2.50994	2.50394	0.0013259	2.88491	3.3229	0.824011	1
cg22649800	OGDH;OGDH	0.0752637	0.269732	0.565677	-1.76779	0.552867	0.742589	-1.34664	0.0483893	0.326918	-3.05887	0.666694	0.806707	-1.23961	0.0145403	0.22488	-4.44681	0.0593821	0.348187	-2.87202	0.0104715	0.202449	-4.93952	0.15488	0.47015	-2.12698	0.109316	0.420829	2.37626	2.88495	11.2281	3.45951	1
cg00320301	SUT3 TOM1;TOM1;TOM1;TOM1;TOM1;TOM1;TOM	0.0752662	0.0108769	0.19226	-7.1808	0.161182	0.397464	-2.51595	0.0615641	0.272976	-3.66332	0.149533	0.385676	-2.59285	0.615132	0.731574	-1.36692	0.180039	0.421279	-2.37172	0.0445276	0.244125	-4.14723	0.216273	0.230085	0.130877	0.36577	-2.73396	2.88491	17.3694	5.35181	1
cg25996826	1	0.0752671	0.148452	0.496463	-2.01425	0.0243441	0.297487	-3.36149	0.0141927	0.254888	-3.92329	0.0491682	0.362596	-2.75789	0.064154	0.390712	-2.55943	0.119137	0.465752	-2.14707	0.041557	0.345885	-2.89114	0.278148	0.600806	-1.66443	0.0949942	0.436534	-2.29077	2.8849	9.32571	2.87342	1
cg25972705	CLTC	0.0752735	0.282386	1.50533	1.50533	0.0107889	2.03281	2.03281	0.0209121	2.70091	2.70091	0.0913988	2.40937	2.40937	0.0193423	2.02802	2.02802	0.250348	1.648078	1.648078	0.0261075	2.77071	2.77071	0.552765	1.80068	1.80068	0.244994	1.24772	1.24772	2.88485	2.12575	0.88751	1
cg05573963	PLEKHM1;PLEKHM1;PLEKHM1	0.0752753	0.700799	1.058	1.058	0.0980175	1.30351	1.30351	0.402977	1.13314	1.13314	0.408072	0.883752	-1.13154	0.691488	0.943413	-1.05998	0.387906	0.878764	-1.13796	0.00268202	1.83315	1.83315	0.311965	1.16504	1.16504	0.78618	1.04051	1.04051	2.88477	0.974417	0.300248	1
cg26779090	PLAG1	0.0752774	0.303651	1.44204	1.44204	0.0613448	0.253002	-3.95213	0.0521695	0.425623	-2.3495	0.270577	0.641697	-1.55833	0.0859561	1.41019	1.41019	0.0638485	0.442799	2.2304	0.960462	1.01936	1.01936	0.955332	1.022	1.022	0.938092	0.706436	-1.41556	2.8848	6.283662	2.02587	1
cg09411168	TNPO2;TNPO2;TNPO2	0.0752774	0.0748353	0.727097	-1.37361	0.4843568	1.35359	-1.35359	0.2439	1.12889	1.12889	0.122782	1.30603	1.30603	0.108985	1.76463	-1.12194	0.181908	1.25389	1.25389	0.369018	2.683017	-1.15873	0.128489	0.76924	-1.29998	0.2555	0.827331	1.20871	2.88474	1.16489	0.358043	1
cg18105315	MANEA;MANEAL;MANEAL	0.0752777	0.137543	0.68204	-1.46619	0.554768	0.866799	-1.15367	0.286738	0.767442	-1.30303	0.444507	0.82985	-1.20504	0.213678	0.732516	-1.36516	0.034348	0.553966	-1.80517	0.00527596	0.414767	-2.41103	0.0259958	0.531281	-1.88224	0.968278	1.00956	1.00956	2.88473	2.61572	0.805996	1
cg23499929	AATK	0.0752794	0.0520152	0.538382	-1.85768	0.0810943	1.8202	1.8202	0.754913	1.12662	1.12662	0.232282	1.61114	1.61114	0.0623193	2.07255	2.07255	0.122211	1.8926	1.8926	0.0292143	3.37597	3.37597	-2.65979	0.40028	1.38793	1.38793	0.4508885	0.746411	-1.33975	2.88473	6.23777	2.04074	1
cg21534317	DPP10	0.0752791	0.0704048	0.568878	-1.75785	0.12646	0.630562	-1.58589	0.07312	0.572635	-1.74631	0.797138	0.910668	-1.0745	0.576282	1.17056	1.17056	0.314176	1.33689	1.33689	0.0257571	2.09317	2.09317	0.0975065	0.602188	-1.66061	0.954926	1.01589	1.01589	2.88471	3.55479	1.09537	1
cg08482568	FAM90A14;FAM90A13	0.0752794	0.0364136	0.720386	-1.38831	0.809038	0.967878	-1.03319	0.118941	1.25636	1.25636	0.0115181	0.662172	-1.51018	0.998843	1.12354	1.12354	0.462335	1.10619	1.10619	0.725356	0.953584	-1.04868	0.969315	0.994192	-1.00527	0.9481	1.23166	1.23166	2.88471	0.830828	0.25601	1
cg07554474	MARCO	0.0752797	0.0321603	0.295258	-3.38387	0.467959	0.698349	-1.44195	0.12626	0.5	-2.00111	0.0194945	0.217658	-4.59436	0.0308487	0.457345	-2.39535	0.0692381	0.172236	-5.80644	0.0217725	0.262161	-3.81445	0.0964849	0.411803	-2.42834	0.28407	0.522623	-1.91437	2.88469	3.32746	1	
cg16236108	AGPAT9 TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRP	0.0752801	0.899219	1.02202	1.02202	0.232464	1.24016	1.24016	0.0032099	1.99651	1.99651	0.145568	0.764432	-1.30816	0.731333	0.942474	-1.06104	0.638597	0.921901	1.08472	0.99031	0.997915	-1.00209	0.230229	0.805431	-1.24157	0.910812	1.01945	1.01945	2.8847	1.35003	0.415997	1
cg15071251	C4	0.0752802	0.839762	1.03035	1.03035	0.0537102	0.723597	-1.38198	0.470804	0.897317	-1.11443	0.0128015	0.633411	-1.57875	0.0785362	0.749325	-1.33454	0.290888	0.850554	-1.1757	0.834167	1.03145	1.03145	0.336568	1.15758	1.15758	0.11516	1.28785	1.28785	2.8847	0.996475	0.307053	1
cg14772935	CPVL;CPVL	0.0752834	0.228334	0.808139	-1.23688	0.782005	0.875298	-1.14247	0.561653	1.12548	1.12548	0.390083	0.855154	-1.16836	0.0859133	1.178032	1.178032	0.464154	0.692047	-1.44511	0.0852425	0.279093	-3.58303	0.109104	0.823819	1.82839	0.272189	0.577641	-1.73118	2.88465	0.91434	3.24582	1
cg05560873	LAP3	0.0752835	0.319112	0.793925	-1.25956	0.0995757	1.49864	1.49864	0.32036	1.25877	1.25877	0.235318	1.3215	1.3215	0.274747	0.775155	1.29006	0.0303694	0.565278	-1.76904	0.041789	1.69199	1.69199	0.268606	0.7724405	-1.29466	0.518512	0.863552	-1.15801	2.88465	2.29496	0.707181	1
cg18852633	ESR2;ESR2;ESR2	0.0752856	0.422389	1.14477	1.14477	0.0278085	0.651168	-1.5157	0.143099	0.771502	-1.29617	0.437531	0.877517	-1.13958	0.0913701	0.725235	-1.37886	0.545882	0.90408	-1.10617	0.0661757	0.749493	1.33482	0.0312182	1.30839	1.30839	0.79368	0.957679	-1.04419	2.88461	1.24354	0.383195	1
cg19172790	ARSG;SLC16A6	0.0752886	0.0609724	0.714643	-1.40001	0.2870185	0.737453	-1.35584	0.0782627	0.539543	-1.8897	0.0592056	0.474561	-2.10657	0.0233564	0.554084	-1.80439	0.181979	0.774272	-1.29153	0.0824009	0.414412	-2.41412	0.0804453	0.955293	-1.04682	0.8657	1.48984	0.459101	2.88461	1.03	0.311	1
cg14443694	CDS2;PCNA	0.0752887	0.192793	2.59754	2.59754	0.107763	3.41947	3.41947	0.77184	1.21828	1.21828	0.0347551	5.86219	5.86219	?	?	?	?	?	?	0.0926727	0.27245	-3.6704	0.207437	0.398762	-2.50776	?	?	2.88461	3.52561	16.3157	4.62776	1
cg05120395	FAM90A14;FAM90A13	0.0752895	0.108634	0.919442	-1.08742	0.11662	0.602494	-1.66023	0.0247473	0.61273	-1.63199	0.0078054	0.368393	-2.71404	0.0078512	0.368393	-2.71404	0.0351879	0.10137	-9.86481		0.212237	0.293492	-3.40725	0.306776	0.376183	-2.65859	0.485384	0.551096	-1.81492	0.00981369	0.0475622	-21.0251	2.88455	39.7674	12.2546	1
cg06500392	DDX25	0.0752915	0.99045	0.00131	0.00318	0.00813871	0.4534	0.4534	0.0183088	0.2353	0.2353	0.298674	0.752285	-1.32928	0.825409	0.943147	-1.06028	0.726223	1.09761	1.09761	0.683407	1.13674	1.7172	0.415365	0.24679	1.24679	0.499974	1.1989	1.1989	2.88452	1.20674	0.388183	1
cg07948968	SEPT12;SEPT12;LOC440335;LOC440335	0.0752923	0.787659	0.926472	-1.07936	0.329764	1.32911	1.32911	0.0182754	0.444725	-2.24858	0.0222347	0.460588	-2.17114	0.0465336	0.524726	-1.90576	0.805943	0.932742	-1.07211	0.0501051	0.531586	-1.88116	0.796897	1.07568	1.07568	0.605453	0.862994	-1.15883	2.88451	3.65575	1.12656	1
cg22572908	ARHGEF4;ARHGEF4	0.0752963	0.0652677	2.21728	2.21728	0.0897982	2.05354	2.05354	0.0419956	2.46375	2.46375	0.68446	1.17024

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg02122653	ORTO2	0.0753908	0.034886	2.298865	1.33484	0.0314761	0.290571	-1.44151	0.0612722	0.355913	2.80907	0.371828	0.638142	-1.50705	0.308006	0.596353	1.676586											
cg15971656	B4GALNT4	0.0753922	0.0237104	2.33777	-4.2777	0.569531	1.36261	1.36261	0.930471	0.954112	-1.04809	0.157937	0.443685	-2.25385	0.068523	0.333658	-2.99708											
cg19587168	SPINK4,SPINK4	0.0753949	0.757444	1.06728	1.06728	0.432721	0.856455	-1.1676	0.300284	1.23089	1.23089	0.837836	0.961115	-1.04046	0.217917	1.28511	1.28511											
cg03586193	ATP6V1C1	0.0753959	0.155055	1.36816	1.36816	0.602208	0.897332	-1.11443	0.43384	1.17882	1.17882	0.871709	0.957256	-1.03385	0.0144206	1.8611	1.8611											
cg22795123	PTPRN2,PTPRN2;PTPRN2	0.0753961	0.06018	2.203178	-4.92179	0.113497	0.273994	-3.64971	0.277591	0.427918	-2.3369	0.534338	0.623071	-1.64095	0.0137643	0.113296	-8.82644											
cg09010107	PBRX1,PRRX1	0.0753977	0.0204615	0.0852953	-11.7234	0.966689	0.963862	-1.03749	0.444734	1.50564	1.50564	0.118119	0.224137	-1.46156	0.0217712	0.0882886	-11.3265											
cg19241680	B3GALT4	0.0753978	0.239655	3.00149	3.00149	0.0100852	18.14	18.14	0.0845204	5.49184	5.49184	0.0934467	5.19136	5.19136	0.149462	3.97356	3.97356											
cg20631126	SQRDL	0.0753983	0.104297	0.587301	-1.72928	0.707823	1.12189	1.12189	0.929778	1.02729	1.02729	0.589983	1.1808	1.1808	0.234189	0.677008	-1.47709											
cg01841758	MIPOL1	0.0753996	0.140366	0.734784	1.36094	0.318145	1.21148	1.21148	0.120592	1.38694	1.38694	0.0786259	1.540897	1.540897	0.689659	0.649077	-1.08111											
cg06362425	GPC6	0.0754037	0.408049	1.33603	1.33603	0.00340925	3.90562	3.90562	0.0323021	2.35875	2.35875	0.619844	0.842657	-1.18672	0.678289	0.866928	-1.1535											
cg15577595	ZNF804A	0.0754065	0.359562	2.624209	-1.0385	0.418547	0.203016	0.203016	0.0626066	2.852212	2.852212	0.0394242	0.303686	3.292387	0.0253813	0.529299	-1.88929											
cg18477188	HLA-DOA	0.0754053	0.530036	1.62809	1.62809	0.862467	1.14208	1.14208	0.0611115	0.198497	-3.05787	0.222271	0.374264	-2.67191	0.0150114	0.183662	-5.44477											
cg18321403	PLK2	0.0754087	?	?	?	?	0.744681	0.744681	?	1.18776	1.18776	1.158763	1.15873	1.15873	?	1.2257	1.2257	0.529513	-1.88853									
cg27226660	MAZ,MAZ	0.0754089	0.116935	0.45838	-2.18159	0.0074793	0.84086	-1.84086	0.213762	1.82134	1.82134	0.349697	1.55409	1.55409	0.0681304	0.392565	-2.54865	0.911944	0.950597	-1.05197	0.516134	1.35193	1.35193	0.0147011	1.40011	1.40011	0.841723	1.00589	1.00589	2.82689	0.576468	2.95301	
cg14115850	HPCAL1;HPCAL1	0.0754093	0.623325	0.834505	-1.19831	0.0105033	3.24415	3.24415	0.0151959	2.9753	2.9753	0.79151	1.10167	1.10167	0.0681655	0.863306	-1.15867	0.147043	1.766	1.766	0.164484	1.71953	1.71953	0.341502	0.698928	-1.43076	0.282688	6.09797	1.88034			
cg21081375	RCOR2	0.0754098	0.4322309	0.760364	-1.31554	0.0205178	2.2366	2.2366	0.0822848	1.74221	1.74221	0.129321	0.623717	-1.60416	0.147289	0.636829	-1.56585	0.425522	1.26448	1.26448	0.0666656	1.80934	1.80934	0.577969	0.850382	-1.17594	0.984336	1.00568	1.00568	2.82668	0.37653	1.17068	
cg16823406	PTGES3	0.0754105	0.00786555	0.357947	-2.79371	0.5652203	0.873729	-1.14452	0.0455597	0.500779	-1.99689	0.831198	0.937712	-1.06643	0.150604	0.628666	-1.59067	0.26535	0.704894	-1.41865	0.832449	0.938167	-1.06591	0.0858742	1.77156	1.77156	0.704459	1.12166	1.12166	2.82666	0.14398	1.27782	
cg23276987	TMEM161A	0.0754114	0.0617706	3.2573	5.53507	0.3794666	2.03607	2.03607	0.234794	2.6614	2.6614	?	?	?	?	?	?	?	?	?	?	0.659973	0.703765	-1.41313	0.0183704	0.0999855	-10.0015	0.601587	1.50267	1.50267	1.2274	20.3124	7.34268	
cg18630930	SUMO3	0.0754125	0.0265125	15.9605	15.9605	0.129261	2.9198	2.9198	0.146424	2.12363	2.12363	0.507103	0.729539	-1.68668	0.576069	1.56081	1.56081	0.684197	0.727867	-1.37388	0.614553	1.01.3571	1.01.3571	0.739402	0.767181	-1.30347	0.862699	1.41491	1.14391	2.82665	27.5449	0.49369	
cg04266179	GSK3A	0.0754127	0.108695	0.761476	-1.31324	0.372081	0.866989	-1.15342	0.409146	0.876799	-1.14051	0.0272229	1.50237	1.50237	0.301485	0.846428	-1.18144	0.32366	0.8532	-1.17206	0.186984	0.804253	-1.24339	0.0971659	1.32781	1.32781	0.10817	1.31387	1.31387	2.82663	1.10744	0.341491	
cg17738824	SLC12A7	0.0754134	0.868714	1.06271	1.06271	0.0239351	0.468127	-2.1357	0.07799	1.08229	1.08229	0.506766	1.64255	1.64255	0.0482201	0.553987	-1.80564	0.50204	0.825358	-1.2935	0.0240981	0.486689	-2.11363	0.647723	1.58204	1.58204	0.0178825	1.07882	1.07882	2.82662	3.62345	1.11733	
cg18238366	SCAND1;SCAND1	0.0754138	0.0103388	0.401912	-2.48811	0.40017	1.27508	1.27508	0.892162	1.03902	1.03902	0.636714	1.14367	1.14367	0.202972	1.46115	1.46115	0.0670372	0.560429	-1.78435	0.393183	1.27993	1.27993	0.743569	0.911536	-1.09705	0.0851806	1.71091	1.71091	1.82661	1.63492	1.12087	
cg09535841	NHP2;NHP2	0.0754145	0.544407	0.834631	-1.19813	0.140654	1.59514	1.59514	0.322709	1.35117	1.35117	0.117798	1.5246	1.5246	0.0885035	0.72114	-1.38716	0.849285	1.05765	1.05765	0.270249	0.717882	1.39299	0.136152	1.62834	1.62834	0.426623	0.787282	-1.27019	2.8626	3.93232	1.32162	
cg24089838	ENOX1	0.0754159	0.761672	1.10859	1.10859	0.316929	2.14997	2.14997	0.310939	0.700962	-1.42661	0.782199	1.09848	1.09848	0.0105904	0.336378	2.97285	0.636271	1.850907	-1.17522	0.640681	0.852728	-1.17271	0.00801815	0.316195	-3.16261	0.98573	0.993957	1.00608	2.88258	1.24383	1.61702	
ch.20.9054318R	MYBL2	0.0754174	0.0317684	0.550577	-1.81628	0.125581	0.675007	-1.48147	0.294297	0.772669	-1.29421	0.0696828	0.618164	-1.61769	0.182722	0.715158	-1.39829	0.730521	0.921292	-1.08543	0.0455159	0.408204	-2.44976	0.0686583	0.616813	-1.62124	0.367967	0.803115	-1.24515	2.88256	2.56643	0.791405	
cg09825670	CDK11B;CDK11B;CDK11B;CDK11B,CDK1 1B;LOC728661;CDK11B	0.0754174	0.521469	1.18566	1.18566	0.0429675	1.84125	1.84125	0.166499	0.679343	-1.47201	0.846056	1.05226	1.05226	0.0952987	0.618583	-1.6166	0.756507	0.921717	-1.08493	0.0193581	0.476554	-2.0984	0.352017	1.28533	1.28533	0.154588	0.670768	-1.49083	2.88256	3.13588	0.967005	
cg02253230	PHF21A	0.0754195	0.0109935	0.669013	-1.49493	0.219356	1.328837	1.328837	0.0126006	0.622349	-1.60682	0.0576426	0.691131	-1.44273	0.0756365	0.623098	-1.60498	0.0186306	0.614739	-1.6267	0.0336605	0.549202	-1.54102	0.898599	0.977466	-1.02281	0.642547	0.853196	-1.17211	2.88255	1.38651	0.409673	
cg18219522	MAML2	0.0754214	0.0345203	0.256187	-3.9034	0.0754652	0.335142	-2.98381	0.0158348	0.294567	-3.39481	0.502205	0.717226	-1.39426	0.0458617	0.282437	3.54062	0.504653	0.687982	-1.45353	0.0594757	0.308782	-3.23853	0.187659	2.16264	2.16264	0.0810918	0.343569	-2.91063	2.8825	13.9311	4.29599	
cg19509393	HOXD4	0.0754228	0.059409	20.418	20.418	0.699168	0.611672	-1.63486	0.987831	0.980879	-1.01949	0.481691	0.404432	-2.4726	0.0210729	33.5138	33.5138	0.536893	0.453147	-2.20579	0.0227065	31.5766	31.5766	0.0757057	12.214	12.214	0.77467	1.43811	1.43811	2.88247	73.1529	22.5587	
cg20445942	HIST1H2BG;HIST1H2AE	0.0754249	0.0599154	1.23814	-1.0385	0.418547	0.20316	-1.1073	0.465742	1.09585	1.09585	0.601215	1.06718	1.06718	0.0145158	1.11558	1.11558	0.0914931	1.25751	1.25751	0.0838907	0.663416	-1.5073	0.0636408	1.29318	1.29318	0.308745	1.13871	1.13871	2.88244	0.609458	2.214034	
cg13204462	KCNN3;KCNN3	0.0754249	0.0265039	0.179829	-5.56084	0.0478262	0.22856	-4.37523	0.660947	0.749833	-1.33363	0.632474	1.36931	1.36931	0.0171916	0.150495	-6.64475	0.646792	0.740109	-1.35115	0.493682	0.634513	-1.57368	0.445409	0.60211	-1.66083	0.0164745	0.147856	-6.76332	2.88244	19.4251	5.99032	
cg11001780	DIP2C	0.0754264	0.0438205	0.44	0.44	0.0138206	2.16162	2.16162	0.0144644	0.601668	-1.66263	0.0416353	0.591574	1.69048	0.0180126	0.73445	-1.36173	0.287934	1.3414	1.3414	0.0167102	1.64858	1.64858	0.0377545	1.11954	1.66102	0.0454366	0.614387	-1.62704	2.88248	1.32655	0.459107	
cg13402217	SNX27	0.0754269	0.0443058	0.667107	-1.49901	0.667786	0.927133	-1.07859	0.0373394	0.654796	-1.52719	0.108979	0.73617	-1.35838	0.978868	0.995369	1.00465	0.759766	0.947674	-1.05521	0.0945352	0.724676	-1.37993	0.574528	1.1045	1.1045	0.0379415	1.52453	1.52453	2.88241	1.40173	0.432272	
cg19576736	SCTR	0.0754276	0.495853	1.1403	1.1403	0.716135	1.07304	1.07304	0.632979	0.912701	-1.09564	0.350332	0.833172	-1.20023	0.905461	1.02281	1.02281	0.483405	0.873515	-1.1448	0.00199109	2.2907	2.2907	0.558749	0.893809	-1.11881	0.495488	0.876864	-1.14043	2.8824	1.64558	0.507471	
cg08414068	PDZD2	0.0754281	0.262264	1.787866	1.787866	0.0776599	0.743723	0.743723	0.0782368	1.25592	1.25592	0.16577	0.167797	2.75168	0.0124924	0.80774	-1.23814	0.167774	1.36853	1.36853	0.0709047	0.514372	1.94352	0.0577077	1.11533	1.11533	0.738255	1.72826	1.72826	2.88236	0.536096	1.27355	
cg15460809	SUOX;SUOX;SUOX	0.0754311	0.534728	0.891674	-1.12149	0.876658	0.972073	-1.02873	0.0128086	1.75733	1.75733	0.297109	0.821083	-1.2179	0.0170979	1.69908	1.69908	0.190883	1.28733	1.28733	0.73015	0.938808	-1.06518	0.339384	0.835624	-1.19671	0.398273	1.17084	1.17084	2.88234	1.51817	0.468189	
cg22647807	LYNX1;LYNX1;LYNX1;LYNX1	0.0754345	0.188486	1.38973	1.38973	0.324316	0.816116	0.816116	0.245115	0.379556	0.808233	-1.23727	0.186773	0.810952	-1.23312	0.894141	0.909244	-1.01934	0.0275072	0.541228	-1.84765	0.113447	0.669107	1.49407	0.0211958	0.0921	-10.8562	0.113447	0.669107	1.49407	0.0211958	0.0921	-10.8562
cg08448751	SEMA3G	0.0754359	0.274148	1.3073	1.3073	0.276705	1.30529	1.30529	0.31995	0.785045	-1.27301	0.829463	1.03021	1.03021	0.0370007	0.483951	2.06633	0.0275072	0.541228	-1.84765	0.113447	0.681492	-1.46737	0.428072	1.20989	1.20989	0.430855	1.82705	1.82705	2.88235	2.53139	0.780678	
cg11081925	RBMX2	0.0754381	0.213811	0.615604	-1.62442	0.0332403	0.397542	-2.51546	0.321138	1.46216	1.46216	0.166122	1.72861	1.72861	0.0220871	0.361568	-2.76574	0.312539	0.678961	-1.47284	0.366739	1.41012	1.41012	0.219474	1.61381	1.61381	0.846261	1.0746	1.0746	2.88234	6.27084	1.99394	
cg26487807	CFTR	0.0754386	0.0396417	1.88204	1.88204	0.0102298	6.25672	6.25672	0.0420944	3.86742	3.86742	0.0178377	3.18078	3.18078	0.0138677	2.52331	2.52331	0.0509911	1.55056	1.55056	0.096821	2.32823	0.229388	-4.35967	0.0215954	0.0441	-22.6857	0.0441	-22.6857	2.88234	14.5344	2.48233	0.74858	
cg00558689	MDFI	0.0754391	0.482619	0.665426	-1.5028	0.583059	0.728735	-1.37224	0.382067	1.66819	1.66819	0.00211862	0.0849185	-11.776	0.0021482	0.494121	0.624935	0.647069	0.66181	-1.51101	0.194699	0.420191	2.38184	0.0810696	0.331516	-3.01645	0.902439	0.932393	-1.07251	2.88222	14.8739	4.58717	
cg22180090	PIP4K2B	0.0754395	0.383951	0.844597	1.18403	0.470813	0.98472	1.01579	0.912389	1.13079	1.13079	0.401299	0.983378	-1.01703	0.711853	0.992099	1.00792	0.910202	0.0102955	0.488352	-2.04794	0.199284	-1.35266	0.366428	1.12795	1.12795	0.61709	1.2211	1.2211	2.88221	2.53139	0.780678	
cg02055253	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0754395	0.035221	0.450783	-2.21836	0.09813	0.999239	-1.00076	0.179496	0.6293	-1.58907	0.210647	0.153491	1.53491	0.0160641	0.383991	2.60423	0.102955	0.560175	-1.78516	0.698644	0.881283	-1.13471	0.050472	0.484736	-2.06298	0.142091	0.598876	-1.66979	2.88221	4.81692	1.48556	
cg01993685	KIAA1712;KIAA1712;FBXO8	0.0754401	0.879088	0.929758	-1.07596	0.0102145	0.710387	-1.40766	0.327258	1.36628	1.36628	0.0168438	0.0868318	0.744847	1.17913	0.119746	0.140496	0.450391	0.402133	-2.48572	0.150725	0.0404549	-2.17698	0.0494559	0.704425	-1.4196	0.282419	0.154693	3.592				
cg00336946	AZI2/1	0.0754403	0.506602	0.790861	-1.26444	0.615007	1.19313	1.19313	0.0491993	1.98438	-1.27641	0.954177	0.98019	-1.02042	0.0003683	2.29058	-3.48439	0.0167901	0.361983	-2.76256	0.245409	0.548538	-1.82414	0.414792	1.3707	1.3707	0.160884	1.66422	1.66422	2.88219	1.03663	0.309	
cg26446816	AGAP1;AGAP1	0.0754415	0.595918	0.762324	-1.31178	0.599194	1.30856	1.30856	0.351592	1.626	1.626	0.674738	1.23865	1.23865	0.0120948	0.204644	4.88653	0.863229	1.09137	1.09137	0.0868184	2.60919	2.60919	0.0151652	3.47041	3.47041	0.20538	1.96894	1.96894	2.88218	11.7377	3.62	
cg19583632	ZNF624	0.0754416	0.0146151	1.47134	1.47134	0.0449243	2.37152	2.37152	0.0196232	0.960238	-1.04163	0.24185	0.653628	1.52983	1.49812	0.0149812	1.49812	0.0154383	1.11558	1.11558	0.0914931	1.25751	1.25751	0.0838907	0.663416	-1.5073	0.0636408	1.29318	1.29318	0.308745	1.13871	1.13871	2.88244	0.609458	2.214034	
cg02993070	FERMT2;FERMT2;FERMT2	0.0754419	0.0840361	0.408237	-2.44956	0.0128667	0.235155	-4.25251	0.0481613	0.347024	-2.88164	0.103557	0.30324	2.30324	0.184246	0.51681	1.93495	0.727928	1.17783	1.17783	0.188272	0.520295	-1.92199	0.287499	0.595977	-1.67792	0.625809	0.794287	-1.25899	2.88218	10.0256	3.09197	
cg16171922	C1orf54;C1orf54	0.0754419	0.0729996	0.462501	-1.52545	0.365451	0.821984	-1.21657	0.139738	0.715337	-1.39794	0.107936	0.690886	-1.44742	0.0447242	0.614583	-1.62712	0.111947	0.695913	-1.43696	0.0350259	1.67835	1.67835	0.0178395	0.776167	-1.28815	0.228805	0.766186	-1.30517	2.8818	2.04205	0.625671	
cg17547708	LOC100144603;CHKB-CPT1B;CHKB	0.0754422	0.0183857	1.45772	1.45772	0.0864768	0.45218	1.02463	0.9	1.32041	1.32041	0.696761	1.16211	1.16211	1.43211	0.0474943	1.56298	1.56298	1.56298	1.56298	1.56298	0.0135445	0.191273	1.31334	1.31334	0.151318	0.623537	1.61934	0.960018	0.0790173	-1.00992	0.321335	1.22364	2.88217	1.77152	0.544353	
cg01069965	B4GALT5	0.0754443	0.0196824	0.165738	-6.03362	0.29559	0.500617	-1.99754	0.304378	0.50735	-1.97103	0.122116	0.343395	-2.9121	0.0231257	0.176842	5.65478	0.0519743	0.240428	-4.09129	0.0125872	0.183286	-5.45596	0.0531656	0.246229	-4.06126	0.10845	0.327248	-3.05579	2.88214	18.576	5.72909	
cg24047124	FIMD6	0.0754444	0.820558	1.08722	1.08722	0.0138716	0.742	0.742	0.0788252	0.53853	-1.85692	0.0178891	0.375338	2.66382	0.0122008	0.515928	1.93801	0.882662	1.13424	1.13424	0.0408557	0.751494	-1.33068	0.0926503	1.09264	1.09264	0.0854612	0.741719	-1.33068	0.0926503	1.09264	1.09264	0.0854612	0.741719	-1.33068	0.0926503
cg11601902	CDC14A;CDC14A;CDC14A	0.075445	0.704283	1.04994	1.04994	0.888972	1.01801	1.01801	0.192377	1.19283	1.19283	0.395006	1.11776	1.11776	0.0252077	1.40515	1.40515	0.460924	0.90853	-1.10068	0.0102246	0.661165	-1.51248	0.959932	0.9936	-1.00644	0.268017	1.15287	1.15287	2.88213	0.745457	0.229909	
cg19475958	FAM174B	0.0754458	0.979316	0.991428	-1.00865	0.00378407	0.273256	-3.65957	0.302778	0.642994	-1.55522	0.207289	1.443164	1.443164	0.0534441	0.860638	-1.16193	0.0847095	0.531013	-1.88319	0.0613794	1.2944577	-1.05867	0.919374	0.633581	-1.57833	0.372643	1.35429	1.35429	2.88212	0.03937	1.55246	
cg11200358	C6orf62	0.075446	0.522839	0.833996	-1.19905	0.217767	0.694926	-1.439	0.249623	0.713719	-1.40111	0.0122036	0.416718	-2.39971	?	?	?	0.0352276	0.502834	-1.98953	0.0475843	1.15709	1.15709	0.303532	1.34813	1.34813	0.29405	2.86879	1.10613				
cg19788272	PDGFA;PDGFA	0.0754471	0.075	0.142682	0.662251	-1.51	0.736091	0.915325	-1.09251	0.453165	0.818832	-1.22125	0.805101	0.951856	-1.05058	0.00224628	0.326664	-3.06125	0.242434	0.726168	-1.37709	0.0563897	0.529289	-1.88933	0.829213	0.945064	-1.05813	0.348978	0.777102	-1.28683	2.88205	3.12262	0.963086	
cg19583632	ZNF624	0.0754512	0.0146151	1.47134	1.47134	0.0449243	2.37152	2.37152	0.0196232	0.960238	-1.04163	0.24185	0.653628	1.52983	1.49812	0.0149812	1.49812	0.0154383	1.42621	-1.13739	0.2009	1.56009	1.56009	0.0378794	1.41646	3.41646	0.0516774	1.39611	1.39611	2.88203	11.7872	3.66632	
cg16818372	SKAP1;SKAP1	0.0754523	0.0407668	0.841133	-1.18859	0.539203	0.521242	-1.91849	0.0434922	0.0877537	-11.3955	0.719673	0.685427	-1.45895	0.0167701	0.0469189	21.3134	0.322609	0.342728	-2.91777	0.0117945	0.0913729	-10.9531	0.275623	0.126508	-7.90466	0.262211	0.293687	-3.40499	2.88201	50.1373	15.4637	
cg02404074	ZSCAN22	0.0754524	0.0158124	1.85778	1.85778	0.0134303	0.358213	0.79163	0.854754	1.11598	1.11598	0.15184	1.37494	1.37494	0.0702612	0.276566	3.61664	0.0745757	0.414	-2.41546	0.0144	0.0977414	0.149439	0.110495	0.239186	2.39186	0.0424754	0.762326	0.368497	1.7387	1.7387	2.88201	0.0144	-2.41546	0.0144
cg26822414	BHLHE22 ;BHLHE22;IFT122;HMD14;IFT122;IFT122;MBD4;IFT 122	0.0754551	0.424938	0.714049	-1.40047	0.0491087	0.530655	2.53065	0.575635	1.26335	1.26335	0.696044	0.850202	-1.17619	0.739088	0.870956	1.14816	0.818263	0.909248	-1.09981	0.941375	1.03087	1.03087	0.00948155	3.89101	3.89101	0.0215381	1.13017	1.13017	2.88197	7.79858	2.40532	
cg18770345	122	0.0754562	0.704662	0.943237	-1.06018	0.100374	1.31814	1.31814	0.745272	0.951205	-1.0513	0.0284129	1.4873	1.4873	0.328464	0.8566	-1.16741	0.517842	1.01585	1.01585	0.0193056	0.612545	-1.63253	0.907466	1.018	1.018	0.748415	1.05062	1.05062	2.88195	1.07489	0.331533	
cg22750845	B3GNTL1	0.0754577	0.399869	1.2128	1.2128	0.27732	1.28779	1.28779	0.235366	0.756982	-1.32104	0.908074	1.0262	1.0262	0.235716	0.757155	-1.32073	0.963967	0.989938	-1.01016	0.00783017	2.147	2.147	0.139269	0.700313	-1.42793	0.133086	0.695746	-1.43731	2.88193	2.2875	0.705545	
cg26783079	PLCH2	0.0754582	0.837068	0.928215	-1.07703	0.656726	1.15303	1.15303	0.151708	1.186246	1.64808	0.0146603	1.10465	1.10465	0.0454554	0.905653	-1.10423	0.777623	0.98408	-1.01604	0.0924615	1.2925	1.2925	0.0788034	1.10085	1.10085	0.0819305	1.10085	1.10085	2.88193	0.80955	0.78963	
cg05892329	TRAPPC9;TRAPPC9	0.0754589	0.916049	1.02131	1.02131	0.00729385	0.500536	-1.99786	0.172998	0.74824	-1.33647	0.508928	0.874574	-1.14341	0.640595	0.910241	1.09861	0.209609	0.7676	-1.30276	0.0284513	1.67735	1.67735	0.862484	0.965918	-1.03528	0.552765	0.886821	1.12762	2.88191	1.82596	0.563193	
cg10575986	DPP6;DPP6;DPP6	0.0754603	0.0409731	0.0930786	-10.7436	0.362313	0.389644	-2.56644	0.952068	1.06238	1.06238	0.655304	1.5719	1.5719	0.0479525	0.102696	-9.73745	0.156328	0.217314	-4.60163	0.00916756	0.0357591	-27.9649	0.623424	1.64569	1.64569	0.0789229	0.140313	-7.12691	2.88189	46.2485	14.2649	
cg25123896	IL4I1;IL4I1	0.0754608	0.0634973	2.18488	2.18488	0.0168113	2.21621	2.21621	0.0191	2.74944	2.74944	0.0113	2.07494	2.07494	0.0138385	1.20118	1.20118	0.0268385	1.56641	1.56641	0.0146059	1.13369	1.13369	-1.13796	0.0168679	1.10197	1.10197	0.0168679	1.10197	1.10197	0.0168679	1.10197	1.10197	2.88189	1.38784	0.632332	0.1156	
cg09318921	QDPR	0.075463	0.515561	0.780144	-1.28181	0.550728	1.25525	1.25525	0.0172174	0.33523	-2.98303	0.0806889	0.482161	-2.074	0.0233529	0.0636097	4.36197	0.0268991	0.372691	-2.68319	0.162344	0.570207	-1.75375	0.74313	1.13183	1.13183	0.354935	0.698819	-1.43099	2.88185	0.67248	1.3964	
cg23788681	ITGB4;ITGB4;ITGB4	0.0754609	0.0290609	0.709105	-1.40973	0.0128716	2.47042	2.47042	0.0135	2.14539	2.14539	0.0432382	1.79085	1.79085	0.0158226	0.558353	1.7902	0.0129539	0.144

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)
cg10422334	ATPGD1;ATPGD1	0.0755445	0.824371	1.09408
cg22226398	RBM34;RBM34	0.0755469	0.0631999	0.273362
cg10799492	CHRNB3	0.0755476	0.272651	0.754355
cg17102495	BAHCC1	0.0755483	0.778212	0.948176
cg26482305	PALLD;PALLD;PALLD	0.0755488	0.0739482	1.28732
cg11210813	SRC	0.075552	0.210878	0.484464
cg26268277	PNMA2	0.075555	0.162128	0.529226
cg08527124	ANKRD11	0.075555	0.0410575	0.290191
cg12116535	MCF2	0.0755563	0.0381702	0.32985
cg12665736	KIAA1688	0.0755568	0.536208	0.893658
cg13468400	TP53;TP53;TP53;TP53;TP53;TP53;TP53	0.0755576	0.217864	0.506706
cg09380600	TUBB4Q	0.075558	0.533229	1.19353
cg19515035	RTKN	0.075558	0.0358181	8.29727
cg03043663	PEX10;PEX10	0.0755581	0.387462	0.83265
cg10500953	AXIN1;AXIN1	0.0755581	0.277681	1.14464
cg13427283	ABHD8	0.0755597	0.74305	0.877897
cg04726784	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHGA3;PCDHGA	0.0755614	0.257307	2.03155
cg04035929	PP14571;GPC1	0.0755625	0.772343	0.908184
cg11432034	HDAC11;HDAC11	0.0755635	0.235909	0.803158
cg13184019	NOTCH4	0.0755668	0.234346	0.743811
cg05181212	MAPK10;MAPK10;MAPK10	0.0755668	0.719894	1.19377
cg05010865	PLEC1;PLEC1	0.0755704	0.0250051	163.7
cg03035538	C1orf173	0.0755706	0.484855	0.84413
cg04132023	ZNF192	0.0755733	0.0463944	1.31157
cg06374075	ADAM11	0.0755752	0.578394	0.918942
cg15160843	EFNA5	0.0755761	?	?
cg18962077	STK32C	0.075578	0.367138	1.35964
cg15697036	FGFR3;FGFR3;FGFR3	0.0755783	0.314853	1.18998
cg17861477	UTS2;UTS2	0.0755784	0.365746	0.923736
cg08447327	LMLN;IQCG;LMLN;LMLN;LMLN;IQCG	0.0755805	0.397363	0.764591
cg08351004	DLX2	0.0755845	0.0248279	0.385504
cg03098589	VTI1A	0.075585	0.228849	0.806219
cg04349565	MIR638;DNM2;DNM2;DNM2;DNM2	0.0755858	0.0339817	0.452442
cg26205131	SLC6A3	0.0755862	0.181468	0.796346
cg13361747	ZBTB16;ZBTB16	0.0755863	0.114043	0.674003
cg13771254	STXBP1;STXBP1	0.075588	0.175292	0.73835
cg21530026	BAG2	0.0755882	0.726929	0.898549
cg07012770	EMILIN2	0.0755885	0.0788375	0.725336
cg01105521	MIR548N	0.0755907	0.178266	1.17015
cg11703796	ANO2	0.0755922	0.954897	0.96792
cg27310319	GABRB2;GABRB2	0.0755928	0.15844	1.2802
cg02471166	NR3C2;NR3C2	0.0755945	0.552953	0.931674
cg05087309	CHD9	0.0755958	0.112018	1.28494
cg19088572	LOC284632	0.0755971	0.105494	0.756807
cg11581627	CD33;CD33	0.0755985	0.00495447	0.11888
cg00576259	USP33;USP33;USP33;USP33;USP33;USP33	0.0756008	0.129726	1.6405
cg25822264	LPAR2	0.075601	0.771147	0.867859
cg26926101	C6orf115	0.0756025	0.086861	0.707282
cg01704860	MIR877;ABCF1;ABCF1	0.0756059	0.686122	0.885272
cg18830442	SAMD5	0.075608	0.355177	1.08527
cg17969560	LTBP3;LTBP3;LTBP3	0.0756084	0.124612	0.579119
cg00454517	MLXIP	0.0756108	0.777146	0.850465
cg20643237	PLEKHG2	0.0756121	0.813091	0.961497
cg13369332	TMEM87B	0.0756124	0.0104033	0.511143
cg10593028	EXPH5;EXPH5;EXPH5	0.0756137	0.0204783	0.402404
cg10789151	EDEM2;EDEM2;EDEM2;EDEM2;EDEM2	0.0756145	0.255664	0.909232
cg27297025	FKRP;FKRP	0.0756197	0.0743427	4.83183
cg21445541	CD247;CD247	0.0756204	?	?
cg03756929	KIAA1383;KIAA1383	0.0756205	0.0604477	0.352904
cg25979180	LOC152024	0.0756212	0.614119	0.780853
cg16255663	MGMT	0.0756216	0.941429	0.955292
cg08401143	PTPRN2;PTPRN2;PTPRN2	0.0756224	0.0170875	0.280676
cg21633901	LMTK2	0.0756225	0.00326905	0.365408
cg24316171	COPA;COPA;NCSTN	0.0756228	0.00715398	0.506589
cg05042858	MLL5;LOC100216545;MLL5	0.0756236	0.614701	1.17427
cg18204930	AIFM2	0.0756254	0.0362573	0.372646
cg01127249	C10orf62;C10orf62;DHDPSL;DHDPSL	0.0756259	0.505529	0.900256
cg14980255	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0756272	0.0900036	2.94507
cg24336718	CMC1	0.0756289	0.46492	0.920158
cg25188298	H3F3C;H3F3C	0.0756308	0.0660068	1.33681
cg07772660	MST1P9	0.0756308	0.0474894	5.5724
cg00449482	EPN1;EPN1;EPN1	0.0756313	0.0258443	0.324191
cg02833725	ISG20L2;C1orf66;C1orf66	0.075632	0.0211454	0.198978
cg04243901	DHX37	0.0756334	0.0691987	0.105262
cg25556474	C10orf118	0.0756342	0.406277	1.26918
cg26184741	SRGAP3;SRGAP3	0.0756342	0.305165	1.26924
cg04128092	CAMTA1	0.0756352	0.52111	1.21859
cg18640509	SORD	0.0756353	0.828414	0.889458
cg08878744	LCE1B	0.0756356	0.0145813	0.096468
cg01022678	ITGA1;PELO	0.0756366	0.222316	1.59326
cg05691168	ATIC;ATIC	0.0756372	0.343252	0.845868
cg08417313	TCN1	0.0756373	0.0217607	0.264857
cg26686068	SORCS2	0.0756374	0.0890795	0.323534
cg00996690	ACCN2;ACCN2	0.0756378	0.389895	0.788537
cg02874908	PTPRCAP;PTPRCAP	0.0756385	0.878009	1.0423
cg06017521	BNIP2	0.0756389	0.10025	0.629866
cg25443006	DTNB;DTNB;DTNB;DTNB;DTNB	0.0756392	0.405352	0.866015
cg15120146	CNPY3;CNPY3	0.0756396	0.249145	1.30961
cg13149890	ATP1A2	0.0756398	0.014559	0.268675
cg02887458	GATAD2A	0.0756406	0.202239	2.12063
cg27207764	RTN3;RTN3;RTN3;RTN3	0.0756413	0.032459	0.548006
cg01864127	CLPTM1L	0.0756429	0.106282	0.655896
cg17173442	RFXANK;RFXANK	0.0756443	0.242743	0.730908
cg21023447	PLEKHM1;PLEKHM1;PLEKHM1	0.0756476	0.409968	0.805072
cg02189843	S1PR5;S1PR5	0.0756478	0.0327615	4.82848
cg18704691	HLX	0.0756508	0.0877182	0.781544
cg03392900	SDF4;SDF4;SDF4;SDF4;B3GALT6	0.0756511	0.70816	0.913872
cg23415176	DNAJC5	0.0756521	0.713649	0.921167
cg15140807	LOC388387	0.0756527	0.153704	1.54867
cg12599641	AGAP3;AGAP3	0.0756534	0.0568356	0.484824
cg09782540	TFAP2A;TFAP2A;TFAP2A	0.0756572	0.26699	0.501694
cg22942384	NCRNA00162	0.0756585	0.0225848	0.392474
cg08584868	FAM150A	0.0756626	0.292471	0.734179
cg09252196	MAGI3;MAGI3	0.0756635	0.61934	1.06909
cg01284448	FLVCR2	0.0756636	0.797236	1.05855
cg20598921	PLCH2	0.0756637	0.912312	1.05402
cg18488946	PAR5;SNORD64	0.0756651	0.128004	0.421577
cg25740457	CCKBR	0.0756686	0.0474939	0.516707
cg00394101	CLEC4E	0.0756706	0.312919	0.836164
cg09571572	CCDC40;TBC1D16	0.0756707	0.00646975	0.040814
cg18648932	GPR133	0.0756748	0.0787472	0.448421
cg27354296	TBCD;ZNF750	0.0756749	0.32926	1.13773
cg22966973	DPY19L1	0.0756751	0.423579	0.870955
cg17479280	MEF2D	0.0756751	0.141745	0.449018
cg19005210	TREML2	0.075677	0.325593	0.769378
cg02376834	LARP1;LARP1	0.0756777	0.60026	1.07304
cg04315947	TLL2	0.0756779	0.0206052	0.555028
cg17521037	ACOX3;ACOX3	0.0756808	0.466654	0.868224
cg08304608	TUBB1	0.0756821	0.089273	0.761137
cg05210526	PGM1;PGM1	0.0756923	0.0793119	0.75522
cg01631325	ZCCHC2	0.0756924	0.025305	0.712609
cg23008606	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.0756931	0.0508196	12.2817
cg02230180	HNRNPU;HNRNPU	0.0756932	0.430952	0.921779
cg19637177	C6orf182	0.075694	0.368976	1.30108
cg09430181	C16orf35;C16orf35	0.0756952	0.343583	0.847184
cg01421994	OSGIN2;OSGIN2	0.0756954	0.898763	0.96096
cg07646007	FAM104B;FAM104B;FAM104B	0.0756957	0.831555	1.03495
cg20225749	SNTG2	0.0756966	0.203478	2.37634
cg07610406	IKZF2;IKZF2	0.0756966	0.336437	0.860192
cg26070636	PSMG2;PSMG2;CEP76	0.0756976	0.238121	1.19776
cg22080027	ZNF880	0.0757007	0.393618	1.19411
cg07699648	HLA-DOA	0.0757022	0.0732536	0.287944
cg26248486	BBS10	0.0757032	0.80598	1.04455
cg03095562	HEY2	0.0757049	0.106675	0.395948
cg13054212	C4orf47	0.0757051	0.544926	1.27734

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg16776574	MED15;TMX2;TMX2;TMX2	0.0757062	0.303676	0.837229	-1.19442	0.748271	1.05516	1.05516	0.27021	1.21101	1.21101	0.0151786	0.691077	-1.44702	0.743174	1.05636	1.05636	0.105371	0.744496	-1.34319	0.0130173	1.65973	1.65973	0.389299	1.15476	0.1.25792	1.21875	1.21875	2.87807	1.26762	0.3915	1
cg03655662	TMEM183A;TMEM183B	0.0757065	0.23073	2.1049	2.1049	?	?	0.008599	0.12896	2.19126	-1.75437	0.65625	0.768353	-1.30149	0.959956	1.02994	1.02994	0.0440754	4.01294	4.01294	0.423	0.617732	-1.61883	0.905033	1.07266	1.07266	0.439879	0.628579	-1.59089	1.32156	14.8554	4.16409	1
cg01148092	LRN2 HYAL1;HYAL1;HYAL1;HYAL1;HYAL1;HY	0.0757077	0.467369	1.42932	1.42932	0.0021629	7.99997	7.99997	0.813727	1.12076	1.12076	0.141031	2.1483	2.1483	0.307483	1.66572	1.66572	0.150055	2.08129	2.08129	0.148355	2.11459	2.11459	0.520668	0.730166	-1.36955	0.262605	0.175799	1.75799	2.87805	10.6345	3.28447	1
cg01580282	AL1;HYAL1	0.0757088	0.633537	0.918295	-1.08897	0.0100566	1.77977	1.77977	0.674997	1.07771	1.07771	0.407211	0.492818	0.883726	-1.13157	0.597127	0.909711	-1.09925	0.924544	1.01695	1.01695	0.0225642	1.62369	1.62369	0.129121	1.33779	1.33779	0.240317	0.803989	-1.2438	0.78303	1.4355	0.44336	1
cg24211188	AIF1;AIF1;AIF1 LOC100286844;BCDIN3D;LOC10028684	0.0757089	1.123692	1.38662	1.38662	0.578818	1.1162	1.1162	0.578095	0.895708	-1.11643	0.0939224	0.696828	-1.43487	0.506079	1.14141	1.14141	0.258266	1.26017	1.26017	0.00870959	1.92513	1.92513	0.539138	1.12963	1.12963	0.134617	0.728891	-1.37195	0.87803	1.75174	0.541029	1
cg16344968	4;LOC100286844	0.0757101	0.490669	0.892462	-1.1205	0.298193	0.839253	-1.19154	0.234703	0.816754	-1.22436	0.151627	1.28358	1.28358	0.675057	0.933778	-1.07092	0.159805	0.783416	-1.27646	0.0193743	1.58325	1.58325	0.148274	0.777239	-1.28661	0.0598359	0.708159	-1.41211	2.87801	1.20374	0.371781	1
cg03312920	C7orf50;C7orf50;C7orf50	0.0757106	0.0855363	0.541368	-1.84717	0.974536	1.01036	1.01036	0.219943	1.51658	1.51658	0.77999	0.913252	-1.09463	0.0219934	0.411859	-2.42801	0.239882	0.672105	-1.48786	0.0409333	0.466841	-2.14206	0.0205802	0.406328	-2.46107	0.549153	0.822257	-1.21617	2.878	4.75178	1.46762	1
cg20725239	HEPACAM;HEPACAM	0.0757128	0.239986	0.520375	-1.92169	0.00320559	0.118135	-8.46487	0.104555	0.389865	-2.56499	0.933091	1.04559	1.04559	0.236767	0.517822	-1.93117	0.0901715	0.371028	-2.69521	0.368906	0.612655	-1.63224	0.087618	0.367492	-2.72115	0.665178	1.26008	1.26008	2.87797	12.848	3.96823	1
cg19694798	UGALS7	0.0757132	0.2660898	0.19688	-5.07999	0.0116554	0.689619	-1.45058	0.0240659	0.609102	-1.64279	0.0207715	1.06015	1.06015	0.0184645	0.943857	-1.05987	0.871352	1.02545	1.02545	0.0104	1.96	1.96	0.933315	1.01836	0.094085	1.00115	1.00115	2.87796	1.0963	0.338605	1
cg08064553	GIL1	0.0757132	0.0902247	1.36582	1.36582	0.158665	1.28605	1.28605	0.302265	1.19535	1.19535	0.206901	1.24889	1.24889	0.101679	0.741421	-1.34876	0.712863	1.06366	1.06366	0.351996	0.852206	-1.17342	0.0802933	1.76316	1.76316	0.989439	1.00221	1.00221	2.87796	1.27077	0.393491	1
cg03393802	ZNF362	0.0757163	0.760165	1.07173	1.07173	0.0171357	1.92963	1.92963	0.738979	1.07859	1.07859	0.908703	1.02629	1.02629	0.274547	0.773198	-1.29333	0.1441157	0.699036	-1.43054	0.377601	1.22732	1.22732	0.0549987	1.63607	1.63607	0.0698572	0.632144	-1.58192	2.87791	2.33317	0.720636	1
cg11635557	BCAS4;BCAS4;BCAS4	0.0757207	0.48497	0.757128	-1.32078	0.146946	0.543107	-1.84095	0.0256589	0.353736	-2.82696	0.305819	0.659873	-1.51544	0.537531	0.782888	-1.27732	0.0647075	0.443315	-2.25573	0.00427141	0.223403	-4.47621	0.0201921	0.697526	-1.43364	0.0797484	0.466562	-2.14334	2.87785	7.00625	2.16404	1
cg13391665	MEGF6	0.0757234	0.98847	1.01205	1.00452	0.0940455	0.313005	-3.19484	0.43227	0.780001	-1.28064	0.648802	0.866757	-1.15373	0.260687	0.8036	1.24475	0.0307879	0.453351	2.2056	0.0018962	0.603083	0.519396	-1.92531	0.407932	1.30211	1.30211	0.46593	0.793418	-1.26027	0.87781	1.44251	1.36926	1
cg12494420	LOC221710	0.075724	0.270146	1.2136	1.2136	0.0178788	0.615516	-1.62465	0.0244088	0.636246	-1.57172	0.753408	1.05457	1.05457	0.840041	0.9665	-1.03466	0.450589	1.13838	1.13838	0.139943	0.765091	-1.30703	0.369576	1.16808	1.16808	0.243158	1.22865	1.22865	2.8778	1.29561	0.400185	1
cg04183467	CNOT2	0.0757248	0.122003	0.674492	-1.50805	0.00957221	0.946398	-1.88686	0.113166	0.629946	-1.58895	0.439105	1.2661	1.2661	0.514602	0.837358	-1.19423	0.325012	0.76103	-1.31388	0.150815	0.754525	-1.32544	0.376801	1.27594	1.27594	0.209683	0.700969	-1.4266	2.87778	3.28825	1.01568	1
cg13827859	FOXE1	0.0757303	0.391651	0.837545	-1.19397	0.0122279	0.95308	-1.04923	0.148063	1.1681	1.1681	0.807045	0.951774	-1.05067	0.0526535	0.640835	-1.56047	0.926674	1.01877	1.01877	0.527867	0.878664	-1.13809	0.0114892	1.89397	1.89397	0.0828952	0.487395	1.47385	2.87777	1.85959	0.574405	1
cg24184180	1;CCNDBP1 1;CCNDBP1;CCNDBP1;CCNDBP1;CCNDBP	0.0757305	0.441473	1.18086	1.18086	0.20111	1.33105	1.33105	0.0584549	1.57278	1.57278	0.0941293	0.67718	-1.47671	0.128782	1.41579	1.41579	0.045897	0.615909	-1.62362	0.146122	0.718594	-1.39161	0.696386	0.9203	-1.0866	0.327725	1.2386	1.2386	2.87769	2.04459	0.631552	1
cg26279261	NR2F6	0.0757313	0.0538478	0.375396	-2.66385	0.0402887	2.88754	2.88754	0.363788	1.51851	1.51851	0.165978	0.516233	-1.93711	0.564004	0.770246	-1.29829	0.397044	0.678308	-1.47434	0.0777677	1.13507	1.13507	0.0913108	0.281942	-3.54683	0.383443	0.670307	-1.49185	2.87768	9.13031	2.82027	1
cg15796340	CYI38	0.0757331	0.0445284	0.49093	-2.03811	0.0178118	0.959878	-1.04177	0.464551	0.877657	1.38581	1.38248	0.999828	1.00007	0.999828	1.00007	1.00007	0.833924	1.07397	1.07397	0.0778277	0.840807	1.45063	1.45063	0.412331	0.753395	-1.32732	0.87766	1.20584	2.87758	5.20748	1.6067	1
cg16796150	RPS6KA3	0.0757334	0.0673691	0.146108	-6.84427	0.027695	0.0869566	-11.5	0.864604	1.17368	1.17368	0.0714819	0.61116	0.611116	0.489799	1.93153	1.93153	0.0464827	0.117676	-8.49788	0.561203	1.73553	1.73553	0.165216	0.249134	-4.01101	0.947922	0.940546	-1.06321	2.87765	40.1311	12.3963	1
cg15789607	MIR7-3;C19orf50	0.0757338	0.659945	1.11992	1.11992	0.451636	0.821879	-1.21672	0.0470996	1.78819	1.78819	0.417881	0.809162	-1.23585	0.215211	0.716272	-1.39612	0.0728723	0.599423	-1.66827	0.01721	0.452964	-2.20708	0.0144062	0.609355	-1.49398	0.360789	0.786384	-1.27164	2.87764	2.98201	0.921126	1
cg20807545	ADAMTS18	0.0757341	0.695546	1.05466	1.05466	0.0868456	1.03905	1.03905	0.0268156	1.3668	1.3668	0.708968	0.78001	1.28204	0.0115691	0.784644	-1.27446	0.0307879	0.453351	2.2056	0.0018962	0.603083	0.519396	-1.92531	0.407932	1.30211	1.30211	0.46593	0.793418	-1.26027	0.87781	1.44251	1.36926	1
cg04099697	RNPEP	0.0757342	0.20281	1.45003	1.45003	0.540458	1.18681	1.18681	0.0288814	2.03822	2.03822	0.637183	0.876957	-1.14031	0.160498	0.660776	-1.51337	0.3151115	0.767036	-1.30372	0.0120444	0.420881	-2.37597	0.977567	0.992259	-1.0078	0.853586	0.950225	-1.05238	2.87764	3.4811	1.0753	1
cg24179734	BRD9;BRD9;BRD9	0.0757348	0.0279943	0.318826	-3.20327	0.0049455	0.383692	-2.60626	0.0668468	0.622946	-1.58895	0.439105	1.2661	1.2661	0.514602	0.837358	-1.19423	0.325012	0.76103	-1.31388	0.150815	0.754525	-1.32544	0.376801	1.27594	1.27594	0.209683	0.700969	-1.4266	2.87778	3.28825	1.01568	1
cg14481460	PRKAG2;PRKAG2;PRKAG2	0.0757367	0.0546094	2.925038	-3.41871	0.530587	1.4307	1.4307	0.0941719	0.354339	-2.82216	0.528065	0.697383	-1.43393	0.0284757	0.232785	4.2958	0.428583	0.634042	-1.57718	0.0838269	0.641208	0.54102	-1.84863	0.0758042	1.30756	1.30756	0.47286	0.784487	1.27481	2.87776	2.5002	0.738476	1
cg03283031	PNMT	0.0757388	0.363955	0.61698	-1.6208	0.0274083	1.85981	1.85981	0.143995	2.25357	2.25357	0.0503443	1.17313	1.17313	0.487864	0.694327	-1.44024	0.985651	0.990735	-1.00935	0.353203	1.63963	1.63963	0.85285	1.10088	1.10088	0.0118537	0.584444	0.587757	2.12109	3.77199	1
cg24728050	MRGPRE	0.0757399	0.1824161	1.39782	1.39782	0.0414278	1.60523	1.60523	0.0315969	1.47152	1.47152	0.0204758	0.422955	-2.36415	0.215572	0.462595	-2.16193	0.0543035	0.234961	-4.25503	0.0284986	0.113695	8.7955	0.0230765	0.0185464	53.9255	0.0185464	53.9255	0.0185464	53.9255	2.87775	55.8627	6.1357	1
cg18637380	MTHD1	0.0757415	0.33363	0.618867	-1.61586	0.0556085	0.237875	2.83977	0.66823	1.23172	1.23172	0.607184	1.28342	1.28342	0.248212	0.677597	-1.4758	0.410057	1.49988	1.49988	0.0275076	0.285228	-3.50596	0.345238	1.79474	1.79474	0.0324358	0.299708	-3.33658	0.87752	10.5523	3.2597	1
cg14564132	TSC1;TSC1;TSC1	0.0757421	0.0359821	0.511911	-1.9534	0.0124402	0.970372	-1.03077	0.442726	0.805653	1.44861	1.44861	0.445388	0.681156	-1.46813	0.0324503	0.588104	0.0183	0.0668	-14.9701	0.0004	0.0668	14.9701	0.0004	0.0668	14.9701	0.0004	0.0668	14.9701	0.0004	2.87771	0.59399	0.32762	1
cg27411746	DPP6;DPP6;DPP6	0.0757436	0.975114	1.00541	1.00541	0.435495	1.14742	1.14742	0.33202	0.841161	-1.18883	0.88904	0.976161	-1.02442	0.854981	1.03213	1.03213	0.540304	0.898394	-1.1131	0.0018746	2.14298	2.14298	0.407541	0.863789	-1.15769	0.60214	1.09517	1.09517	2.87749	1.36137	0.420541	1
cg01802414	HCN3	0.0757449	0.0056568	0.430319	-2.32386	0.0520876	1.67061	1.67061	0.384444	1.23012	1.23012	0.138482	0.728826	1.37208	0.0148259	0.641551	-1.55884	0.043125	0.829805	-1.2051	0.91923	1.02384	1.02384	0.861112	1.03997	1.03997	0.904079	0.972389	-1.0284	2.87747	2.45813	0.759349	1
cg01628822	SERPINF2;SERPINF2;SERPINF2	0.075747	0.153583	1.2944	1.2944	0.0911734	0.642622	1.64622	0.0214829	5.314	5.314	0.342854	1.67554	1.67554	0.0127864	0.611884	1.63457	0.4605982	1.46362	1.46362	0.0136637	1.61483	1.61483	0.515958	1.41175	1.41175	0.62325	1.29803	1.29803	2.87744	12.7514	3.928	1
cg19917856	NCCRP1	0.0757505	0.0325678	8.13728	8.13728	0.0907034	4.76817	4.76817	0.14009	3.78248	3.78248	0.10302	4.45811	4.45811	0.574755	1.60814	1.60814	0.074933	3.27087	3.27087	0.383422	0.472822	-2.11496	0.0128901	13.2968	13.2968	0.103201	0.45395	0.45395	2.87739	32.0068	9.88761	1
cg24764810	HCG22	0.0757512	0.0027557	0.324336	-3.08154	0.0126046	0.242299	-4.12705	0.0183842	0.326731	-3.06081	0.605565	2.0264	2.0264	0.0262806	2.6264	2.6264	0.353827	-2.81	-2.81	0.0	0.355	0.355	0.0	0.355	0.355	0.0	0.355	0.355	0.0	2.87739	0.09405	0.10563	1
cg06371632	FZD1	0.0757512	0.631901	0.805407	-1.11681	0.522406	0.862094	-1.15997	0.851457	0.957999	-1.04384	0.0986991	0.660684	-1.51358	0.131751	0.680082	1.45121	0.31757	1.78405	-1.26678	0.00165059	0.356651	-2.80856	0.0015001	0.01297	1.01297	0.178052	0.83005	0.123001	2.87737	2.38757	0.737577	1
cg06686486	FRD2	0.0757516	0.2657	0.607421	-1.64631	0.0222418	0.30793	-3.2475	0.145368	0.510651	-1.95828	0.0150798	0.276975	-3.61044	0.798737	0.89599	-1.11608	0.315733	0.640265	-1.56185	0.00990986	0.246492	-4.05692	0.25067	0.596944	-1.6752	0.176594	0.539314	-1.85421	2.87737	8.41948	2.60098	1
cg01597963	RNGTT	0.0757543	0.0047756	0.2434	-4.10805	0.0126046	0.242299	-4.12705	0.0183842	0.326731	-3.06081	0.605565	2.0264	2.0264	0.0262806	2.6264	2.6264	0.353827	-2.81	-2.81	0.0	0.355	0.355	0.0	0.355	0.355	0.0	0.355	0.355	0.0	2.87737	0.09405	0.10563	1
cg18135931	MAST3	0.0757558	0.0411084	0.540137	-1.85138	0.014867	0.457031	-2.18803	0.376097	0.788671	-1.26795	0.367943	0.785289	-1.27342	0.193792	0.787804	-1.26935	0.476135	0.827485	-1.20848	0.0197784	0.475125	-2.11988	0.0200637	0.48037	-2.08173	0.131828	0.653695	-1.52977	2.8773	3.11279	0.961637	1
cg08774194	STX19	0.0757575	0.624009	0.76174	-1.31268	0.172249	1.17135	1.17135	0.0262964	1.42147	1.42147	0.141134	2.94893	2.94893	0.0	2.94893	2.94893	0.444836	0.924763	-1.08147	0.0	0.63971	0.63971	0.0148409	0.75062	-1.33207	0.0	0.63971	0.63971	0.0148409	0.75062	2.87735	0.0051182	0.49779	1
cg05100650	FRMD5	0.0757599	0.0395873	0.290112	-3.44695	0.00888387	0.177067	-5.64759	0.135438	0.433147	-2.30869	0.457759	0.674928	-1.48164	0.0558084	0.324303	0.08354	0.117106	0.412688	-2.42314	0.0940009	0.383902	-2.60483	0.0292025	0.262887	-3.80391	0.205573	0.499409	-2.00237	0.87724	12.3187	3.80572	1
cg05597963	RNGTT	0.0757629	0.312863	1.52068	1.52068	0.0427309	2.421	2.421	0.682377	0.847715	-1.17964	0.0865615	0.213858	2.13858	0.0139548	0.238486	0.60924	0.708938	1.16249	1.16249	0.0172303	0.93917	0.93917	0.0	0.93917	0.93917	0.0	0.93917	0.93917	0.0	2.87735	0.0051182	0.49779	1
cg02726206	CSorf36	0.0757636	0.436887	1.37337	1.37337	0.252913	0.620214	1.61235	0.867987	1.06881	1.06881	0.0183953	1.00946	1.00946	0.0199413	0.324558	3.08111	0.086153	0.648373	-1.2305	0.0100608	0.227703	0.227703	0.0	0.227703	0.227703	0.0	0.227703	0.227703	0.0	2.87735	0.0051182	0.49779	1
cg22090609	ITGBL1	0.0757641	0.128574	0.261518	-3.82383	0.284426	2.47927	2.47927	0.473613	0.514994	-1.81326	0.366641	0.468929	-2.13252	0.0255599	0.114603	-8.72579	0.119757	0.252	-3.96826	0.00610407	0.053788	-18.5915	0.908131	0.910046	-1.09885	0.52464	0.590701	-1.6929	2.87717	30.3822	9.38643	1
cg10140261	C1orf53	0.0757707	0.171707	1.25252	1.25252	0.0315969	1.4192	1.4192	0.0004758	1.67756	1.67756	0.163704	1.52761	1.52761	0.0224523	2.42747	2.42747	0.0	1.51042	1.51042	0.0	1.15853	1.15853	0.0	1.15853	1.15853	0.0	1.15853	1.15853	0.0	2.87717	1.20062	2.87717	0.864574	0.268045	1
cg12465353	APITD1;APITD1;APITD1	0.0757665	0.305802	0.856935	-1.16695	0.765222	0.95733	-1.04457	0.0806247	1.32596	1.32596	0.267144	0.845075	-1.18333	0.38447	1.13865	1.13865	0.972733	1.00499	1.00499	0.101984	0.770567	-1.29775	0.164737	1.24087	1.24087	0.0115989	1.58327	1.58327	2.87714	0.9661 02	0.298476	1
cg15888506	CFB2;CFB2	0.0757687	0.214261	1.87848	1.87848	0.0790699	2.56036	2.56036	0.124141	2.23187	2.23187	0.18506	1.96938	1.96938	0.0149944	1.52586	1.52586	0.0461466	3.0097	3.0097	0.0149944	4.29074	4.29074	0.01666	6.58183	4.58183	0.103611	2.359	2.359	2.8771	55.9399	5.27362	1
cg13300744	CUX2	0.0757693	0.10113001	0.304778	-3.28284	0.362804	2.704494	-1.44946	0.0554254	0.395882	-2.52601	0.141823	1.318	1.318	0.0219599	0.517226	-1.93328	0.0770576	0.4	-2.50	0.0473	0.26	0.26	0.0406672	0.242672	-4.12323	0.361074	0.703548	-1.42137	2.87709	6.39105	1.97454	1
cg11320084	RNF2	0.0757696	0.24666	0.578325	-1.72913	0.570203	1.29611	1.29611	0.401203	0.67814	-1.47462	0.649135	1.22973	1.22973	0.0093588	0.521544	-1.43573	0.86376	0.925303	-1.08073	0.0194756	0.729779	-3.5845	0.20298	1.83585	1.83585	0.273716	0.597574	-1.67343	2.87709	9.31095	2.87666	1
cg06921282	HRAS;HRAS;ICRSC;HRAS	0.0757699	0.792978	1.08233	1.08233	0.0142741	1.32886	1.32886	0.0888979	1.58844	1.58844	0.0450007	1.32886	1.32886	0.0888979	1.58844	1.58844	0.628853	1.77521	1.77521	0.128997	0.722423	-1.38423	0.0187087	0.722423	-1.38423	0.0187087	0.722423	-1.38423	0.0187087	2.87707	0.93497	0.33748	1
cg05921834	TBC0	0.0757701	0.504121	1.08598	1.08598	0.888255	0.983038	-1.01725	0.230724	1.16531	1.16531	0.100733	0.803526	-1.24452	0.19138	0.814128	-1.22831	0.701612	1.04796	1.04796	0.00634597	0.648981	-1.54088	0.887361	0.982903	-1.01739	0.0864486	0.793963	-1.2595	2.87708	0.6744646	0.208435	1
cg27561994	RBP7;RBP7	0.0757705	0.385387	0.282802	-3.53604	0.21502	1.50533	1.50533	0.0999012	12.9562	12.9562	0.689958	1.76667	1.76667	0.364942	0.266805	-3.74805	0.122031	6.22772	6.22772	0.0123894	0.87457	0.87457	0.0178756	59.6295	59.6295	0.047962	0.911525	-1.09706	2.87699	91.7824	28.9576	1
cg01223499	RIN3	0.0757766	0.558352	1.31981	1.31986	0.385451	0.6589	-1.51768	0.058999	0.367974	-2.71759	0.593053	1.28778	1.28778	0.0471387	0.313893	1.3858	0.669673	1.20139	1.20139	0.728981	1.17714	1.17714	0.0310379	3.21583	3.21583	0.0773221	1.398225	1.398225	2.87698	10.0167	3.09482	1
cg23095615	FBXO30	0.0757778	0.0220993	0.531735	-1.88064	0.451181	1.19325	1.19325	0.103486	0.663769	-1.50655	0.550507	0.882478	-1.13317	0.038478	0.575892	-1.73644	0.368632	1.23679	1.23679	0.132298	1.45328	1.45328	0.356657	1.24382	1.24382	0.48237	1.1786	1.1786	2.87696	2.41343	0.745672	1
cg13555728	ENGASE	0.0757785	0.0286611	0.547029	-1.82811	0.251137	1.10587	1.10587	0.0316363	1.10581	1.10581	0.0316363	1.2249	1.2249	0.0316363	1.10581	1.10581	0.968795	0.990919	-1.00935	0.0326308	1.32608	1.32608	0.0387207	1.27031	1.27031	0.0268366	1.02111	0.00675267	2.87697	2.26797	0.765557	1
cg27306034	FAM189B;FAM189B;FAM189B;FAM189	0.0757802	0.26699	1.18845	1.18845	0.797802	0.962397	-1.03907	0.46857	1.11639	1.11639	0.815821	0.965766	-1.03545	0.900057	1.01894	1.01894	0.37839	0.83778	-1.14445	0.00352468	0.553957	-1.8052	0.630296	0.930156	-1.07509	0.0941809	1.13617	1.13617	2.87693	1.05159	0.313789	1
cg26765219	B ERICH1	0.0757803	0.140159	0.241461	-4.14145	0.3188	0.399824	-2.5011	0.0570973	0.143277	-6.97951	0.301764	0.385866	-2.59157	0.0507697	0.133842	-7.4715	0.123568	0.224239	-4.45953	0.00454263	0.0299888	-33.3458	0.781313	1.27948	1.27948	0.0886717	0.184853	-5.40969	3.08499	37.4849	9.45057	1
cg24000937	ODF3B1;ODF3B2	0.0757806	0.212828	0.795024	-1.25782	0.0212786	1.62248	1.62248	0.326852	0.837812	-1.19359	0.424678	0.867156	-1.15319	0.157711	1.30801	1.30801	0.6017	0.912043	-1.09644	0.0240016	1.60113	1.60113	0.188929	1.27548	1.27548	0.407492	1.15966	1.15966	2.87692	1.39261	0.430279	1
cg17549166	PTBB;PTBB	0.0757835	0.264245	1.03993	1.03993	0.481367	0.912442	1.10343	0.0443072	0.76257	-1.31142	0.0756504	0.655054	-1.52656	0.0445564	0.473742	-2.11085	0.983684	1.00719	1.00719	0.944148	1.01352	1.01352	0.612092	1.61292	1.61292	0.0586187	2.05727	2.05727	2.87687	1.15947	1.60528	1
cg10083149	TSSC1	0.0757841	0.3616338	1.16561	1.16561	0.00902873	0.582573	-1.71652	0.0477115	0.690722	-1.44776	0.268468	1.20727	1.20727	0.100422	0.745193	-1.34193	0.424319	0.875161	-1.14265	0.846304	1.03222	1.03222	0.604884	0.918239	-1.08904	0.104728	0.74843	-1.33613	2.87686	1.21688	0.375989	1
cg05938002	ZNF732	0.0757843	0.4097239	0.615359	-1.62499	0.0519224	1.2774	1.2774	0.677525	1.2523	1.2523	0.921715	1.05431	1.05431	0.0064018	0.150282	-6.64516	0.780566	0.840975	-1.1629	0.0183623	0.30588	-4.85723	0.277899	1.83405	1.83405	0.92325	1.05321	1.05321	2.87685	10.1873	4.07461	1
cg03126834	SMURF1;SMURF1	0.0757868	0.231824	0.800665	-1.24896	0.594459	0.909137	-1.09994	0.800686	1.04587	1.04587	0.0133442	0.58077	-1.72185	0.47288	0.878598	-1.13818	0.00974754	0.560178	-1.78515	0.003617	0.102171	0.102171	0.994865	0.99886	-1.00114	0.0356827	0.648309	-1.54247	2.87682	1.43192	0.44244	1
cg07687349	TBX1	0.0757874	0.383493	0.707425	-1.41358	0.999192	1.00039	1.00039	0.446484	1.3506	1.3506	0.090056	0.484991	-2.0619	0.134669	0.535424	-1.86768	0.777196	0.895939	-1.11615	0.0290519	0.369163	-2.70883	0.0174978	0.36

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1221 vs. N)	Ratio(1221 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. 537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. 377 vs. N)	Fold-Change(5 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14724750	CTU1	0.0758788	0.179274	1.739411	-1.35243	1.3702614	0.83305	-1.21499	0.8070144	1.05516	1.05316	0.694455	1.08714	1.08714	0.105091	0.6874374	-1.45468	0.663146	1.09719	1.09719	0.380919	0.830243	-1.20447	0.960389	1.01057	1.01057	0.00421899	2.24971	2.8754	2.03957	0.6305003	1
cg07503630	ECE1	0.0758789	0.281176	1.86858	1.86858	0.934804	1.04672	1.04672	0.942258	1.04126	1.04126	0.150669	2.36258	2.36258	0.519221	1.44008	1.44008	0.240281	0.503464	-1.98624	0.0566263	0.299881	-3.33466	0.0160543	5.17991	5.17991	0.0617888	2.33523	3.23523	2.8754	1.14873	4.3858	1
cg12724942	AGAP3	0.075879	0.473592	0.905332	-1.10457	0.897288	1.01778	1.01778	0.0421114	0.726496	-1.37647	0.0768489	0.76454	-1.30798	0.0289893	0.703809	-1.42084	0.0162166	0.669503	-1.49365	0.567368	1.08208	1.08208	0.157508	0.813637	-1.22905	0.073097	0.761287	-1.31357	0.8754	0.847886	0.262112	1
cg18072282	LOC643401	0.0758799	0.0396372	0.199377	-5.01563	0.2207274	0.1514	-6.605	0.0373851	0.144046	-5.14281	0.145496	0.146608	-2.8851	0.314433	0.4939907	-2.0243	0.987098	1.01102	1.01102	0.0200953	0.149407	-6.69315	0.0651044	0.245624	-4.07128	0.183755	0.384424	-2.60129	0.87538	0.20.928	0.4639	1
cg12614529	MIND1	0.0758817	0.0496375	0.77026	-1.29826	0.219113	1.16257	1.16257	0.105397	0.813675	-1.22899	0.370153	0.898288	-1.11323	0.4161187	0.907689	-1.1017	0.4574	1.09221	1.09221	0.154833	1.19419	1.19419	0.479729	0.919673	-1.08734	0.0145285	0.704056	-1.42034	0.87535	0.61862	0.191241	1
cg22913550	NIPAL4	0.0758822	0.893263	1.04132	1.04132	0.0665928	0.537735	-1.85972	0.00343715	0.301228	-3.31975	0.776258	1.08074	1.08074	0.568233	0.8040122	-1.19002	0.945519	0.831652	-1.20243	0.264104	1.42063	1.42063	0.142005	0.357706	1.3155	1.3155	0.901576	1.08013	0.03802	2.87535	4.14301	1.28078	1
cg08011645	NRXN2;NRXN2	0.0758827	0.486092	0.525135	-1.90427	0.446754	2.02707	2.02707	0.325964	2.51957	2.51957	0.913072	1.10462	1.10462	0.877626	0.8690313	-1.15073	0.317269	0.389864	-2.565	0.00188443	0.01080502	-55.4012	0.8443891	1.19609	1.19609	0.464509	0.507478	-1.97053	0.87534	37.8061	11.6875	1
cg05932139	WFIKKN1	0.0758835	0.777604	1.11188	1.11188	0.160181	1.75439	1.75439	0.0959895	1.97335	1.97335	0.216277	1.62734	1.62734	0.144239	1.799721	1.79972	0.0209242	2.61725	2.61725	0.00459732	4.11565	4.11565	0.0840158	2.04667	2.04667	0.168502	1.73274	1.73274	0.87533	6.39097	1.97573	1
cg12989193	HOXD9	0.0758836	0.0412171	12.8448	12.8448	0.840218	1.23086	1.23086	0.155021	1.38729	1.38729	0.202025	2.43305	2.43305	0.447081	2.31646	2.31646	0.406606	2.15099	2.51009	0.00679814	44.7839	0.0120701	29.7544	44.7839	29.7544	0.343802	2.8916	2.87533	53.5147	16.5437	3
cg26290549	PUS7	0.0758846	0.669226	0.82262	-1.21563	0.611698	0.792467	-1.26188	0.601332	1.27064	1.27064	0.0450977	0.351825	-2.84233	0.958384	0.97657	-1.02399	0.465544	1.40025	1.40025	0.0063204	5.03119	5.03119	0.104782	2.2378	2.2378	0.54022	1.32542	1.32542	0.87531	9.40088	2.90624	1
cg20964555	NR4A2	0.0758862	0.130884	2.4	2.4	0.0556	5.99804	5.99804	0.0170275	4.37695	4.37695	0.0139904	1.58912	1.58912	0.0481284	1.91312	1.91312	0.160922	2.12183	2.12183	0.0494948	3.4654	3.4654	0.0184542	3.62253	3.62253	0.0145499	1.56454	1.56454	0.87522	13.1173	4.05528	1
cg04880946	LOC401093;MIB1N1;LOC401093;MIB1N1	0.0758826	0.308475	0.85111	-1.17494	0.804903	0.962856	-1.03858	0.682384	0.939012	-1.06495	0.0192725	1.5418	1.5418	0.0770463	1.35079	1.35079	0.0190067	1.54387	1.54387	0.614359	0.925238	-1.0808	0.273171	0.839946	-1.19055	0.556741	1.09517	1.09517	0.87519	1.06516	0.329304	1
cg05228379	TMEM5	0.0758845	0.150991	0.566353	-1.76568	0.347412	0.699478	-1.42964	0.8174	0.918107	-1.0892	0.630989	0.836281	-1.19577	?	?	?	0.0637473	0.463042	-2.15963	0.0377974	2.43489	2.43489	0.159619	1.74225	1.74225	0.0820225	2.03774	2.03774	2.91151	5.59397	1.92133	1
cg12128017	EPHA10;EPHA10;EPHA10;EPHA10	0.0758846	0.765207	0.954722	-1.04743	0.17597	1.24932	1.24932	0.196824	1.23387	1.23387	0.978484	0.995836	-1.00418	0.266427	0.835991	-1.19618	0.640524	0.928626	-1.07747	0.0219126	0.653551	-1.5302	0.0168491	0.636909	-1.57008	0.321808	1.17157	1.17157	0.87516	1.08984	0.336938	1
cg08400159	SNED1	0.0758849	0.0124024	1.239288	1.4789	0.67547	1.21342	1.21342	0.764827	1.1478	1.1478	0.667625	1.21956	1.21956	0.0322882	1.03161	-1.03161	0.384432	0.663819	-1.50644	0.0293306	0.307462	-3.25243	0.9203	1.04706	1.04706	0.102619	0.440158	-2.27191	0.87515	0.61319	0.297204	1
cg05560725	FUCA1	0.0758861	0.269003	0.874106	-1.14403	0.365351	1.11532	1.11532	0.130346	1.21042	1.21042	0.616665	0.942716	-1.06076	0.60375	1.06311	1.06311	0.00386213	0.634469	-1.57612	0.847288	1.02279	1.02279	0.326277	0.888288	-1.12576	0.442905	1.09575	1.09575	0.87513	0.622077	0.192324	1
cg24019124	GPR133	0.0758869	0.124537	4.6811	4.6811	0.0964154	2.45489	2.45489	0.0731587	2.33784	2.33784	0.338695	2.49155	2.49155	0.189627	3.61867	3.61867	0.127408	4.59742	4.59742	0.487526	5.025522	5.025522	0.0121153	6.02473437	9.76047	9.76047	0.0618138	7.0074	7.0074	2.87512	39.0183	12.0631	1
cg10409794	ADA8	0.0758977	0.989465	0.997203	-1.0028	0.1724717	0.734869	-1.36079	0.279799	0.787941	-1.26913	0.0562152	1.58198	1.58198	0.419753	0.8395567	-1.19109	0.405103	0.834693	-1.19805	0.0192432	1.33997	1.33997	0.64047	1.10493	1.10493	0.00304374	0.496489	-2.02347	0.87511	2.04894	0.633465	1
cg10109570	NUBP2;NUBP2;SPSB3	0.0758979	0.375452	0.681538	-1.46727	0.257513	0.607713	-1.64551	0.0441453	0.377322	-2.65026	0.475187	1.35807	1.35807	0.0626618	0.413561	-2.41803	0.832032	0.914367	-1.09365	?	?	?	0.152171	1.90891	1.90891	0.0198294	0.305574	-3.27253	2.91146	7.2817	2.50105	1
cg14431257	NFIB	0.0759016	0.0164819	2.3768	2.3768	0.416872	0.782582	-1.27782	0.177299	1.52756	1.52756	0.474756	1.23958	1.23958	0.742801	1.10218	1.10218	0.0454861	1.96945	1.96945	0.0151809	2.41393	2.41393	0.0741132	1.8005	1.8005	0.35382	1.32561	1.32561	2.87505	3.9753	1.22906	1
cg24678040	UNG	0.0759022	0.740204	1.08615	1.08615	0.930928	0.978702	-1.02176	0.582263	0.871131	-1.14793	0.912301	1.24379	1.24379	0.339889	0.783281	-1.27668	0.0083273	0.43281	-2.31048	0.124888	1.51064	1.51064	0.405241	0.809395	-1.23549	0.0296417	0.529456	-1.88873	0.87504	2.80803	0.86817	1
cg16987977	C9orf163;SEC16A;C9orf163	0.0759023	0.646386	1.07181	1.07181	0.754056	1.04603	1.04603	0.843758	1.04603	1.04603	0.843758	1.05139	1.05139	0.972238	1.02855	1.02855	0.267573	0.804935	-1.18529	0.246749	0.887778	-1.12641	0.0159759	1.25514	1.25514	0.0225324	1.50671	1.50671	2.87504	3.12003	0.815912	1
cg17174146	POLD3	0.0759026	0.178745	1.25843	1.25848	0.054969	1.41941	1.41941	0.0133703	0.612293	-1.63321	0.646318	1.0772	1.0772	0.339987	0.853619	-1.17148	0.129489	1.30165	1.30165	0.708445	1.06232	1.06232	0.505396	1.1149	1.1149	0.245529	1.822438	-1.2159	2.87503	1.77493	0.364649	1
cg23217778	EBF3	0.0759038	0.065606	2.09679	-1.36938	0.0111704	0.154192	-6.48544	0.323459	0.549066	-1.82128	0.623759	0.746985	-1.33871	0.0437278	0.255916	-3.90753	0.03806	0.243262	-4.11079	0.0462702	0.261251	-3.82774	0.112656	0.362319	-2.76	0.0815666	0.321472	-3.11069	2.87501	15.7372	4.8656	1
cg20080616	SLC45A4	0.0759053	0.3808027	0.8	0.8	0.228496	0.90608	-1.10366	0.121105	0.690068	-1.44939	0.754203	0.89788	-1.11389	0.0796268	0.7426773	1.35516	0.0092509	0.225216	-4.43542	0.0447261	0.435993	-2.30419	0.0195751	0.549334	-1.82038	0.181124	0.537079	-1.86392	2.87499	8.72888	2.68345	1
cg03888764	ZNF479;ZNF479	0.0759071	0.300165	0.438326	-2.28141	0.117996	0.459675	-2.17545	0.496938	0.729201	-1.37136	0.55676	0.761742	-1.31278	0.0299436	0.3105045	-3.22015	0.441079	0.697876	-1.43292	0.00392678	0.169135	-5.91245	0.0617929	0.381683	-2.61998	0.432811	0.693139	-1.44271	2.87496	9.54646	2.9516	1
cg07784958	ZNF516	0.0759072	0.600142	0.838084	-1.19319	0.2706983	0.9099	-1.09951	0.583268	0.7301	-1.36987	0.443349	-1.25556	0.929477	0.03	0.0100401	3.33333	0.110102	0.550267	-1.81705	0.183613	0.34308	-2.91477	0.0443038	0.183346	-5.45363	0.193287	0.63146	-1.58363	2.87496	5.07734	1.56995	1
cg26347222	BMPER	0.0759075	0.705039	1.2889	1.2889	0.131002	0.96887	-1.03281	0.766387	0.56021	1.53494	0.534959	0.265725	2.16128	2.16128	0.702157	1.57795	0.0894194	2.28657	3.48955	0.0555262	0.0877293	-11.3987	0.945335	1.04682	1.04682	0.782233	1.203111	2.87496	10.2783	6.26973	1
cg09231843	TGM5;TGM5	0.0759106	0.303502	0.49816	-2.00739	0.1750882	0.389474	-2.56757	0.0287706	0.185219	-5.39901	0.0154855	0.143442	-6.97146	0.842299	0.877881	-1.13911	0.739297	0.80383	-1.24404	0.2141782	0.172486	-5.79756	0.970196	0.975868	-1.02473	0.0302729	0.189109	-5.28795	2.87491	19.4655	6.01852	1
cg16226310	ZDHHC11	0.0759131	0.6049972	1.2768	1.2768	0.416872	0.782582	-1.27782	0.177299	1.52756	1.52756	0.474756	1.23958	1.23958	0.742801	1.10218	1.10218	0.0454861	1.96945	1.96945	0.0151809	2.41393	2.41393	0.0741132	1.8005	1.8005	0.35382	1.32561	1.32561	2.87505	3.9753	1.22906	1
cg21652836	MIR1256	0.0759151	0.729837	1.03251	1.10325	0.0435342	0.517942	-1.93072	0.0968734	0.596578	-1.67623	0.576279	0.852121	-1.17354	0.0037691	0.330174	3.02871	0.833858	0.942001	-1.06142	0.206819	0.685663	-1.45844	0.87484	3.65804	1.13105	1
cg17716911	DPM3	0.0759163	0.645386	1.07181	1.07181	0.754056	1.04603	1.04603	0.843758	1.04603	1.04603	0.843758	1.05139	1.05139	0.972238	1.02855	1.02855	0.0510299	0.704485	-1.42013	0.0475447	0.727573	-1.37485	0.0154275	1.25514	1.25514	0.0225324	1.50671	1.50671	2.87504	3.12003	0.815912	1
cg04179625	RNF157	0.075921	0.00579924	3.07519	3.07519	0.858564	0.946062	-1.05701	0.698252	1.1273	1.1273	0.879218	0.953831	-1.0484	0.0173521	2.46115	2.46115	0.922534	0.970218	-1.0307	0.932358	1.02674	1.02674	0.249757	0.688049	-1.45338	0.334699	1.36242	1.36242	2.87475	4.39928	1.36028	1
cg08105529	HFM1	0.0759231	0.0651427	1.61483	1.61483	0.172118	1.39987	1.39987	0.32126	1.16235	1.16235	0.393706	1.22409	1.22409	0.340098	1.25551	1.25551	0.330179	1.26182	1.26182	0.00704577	2.23927	2.23927	0.0127174	2.04743	2.04743	0.0662612	1.61088	1.61088	2.87472	2.43872	0.754075	1
cg05361790	DNAH17	0.0759235	0.18742	1.2019	1.2019	0.0775156	0.66944	-1.49352	0.0113152	0.0380397	0.46942	-2.1311	0.0892186	0.46942	-2.1311	0.0892186	0.468496	-2.13516	-2.83757	0.0448496	-2.83757	0.37744	0.648993	-1.5178	0.0447407	0.179058	-5.58552	0.0115512	0.529005	-1.89034	0.38523	0.064052	0.268323	1
cg24992471	NGFR	0.0759235	0.0798771	1.84862	1.84862	0.113927	1.7224	1.7224	0.0969565	0.56215	-1.77889	0.0366968	2.15414	2.15414	0.0971725	0.562399	-1.7781	0.228558	1.49113	1.49113	0.608926	0.849473	-1.1772	0.325997	0.725696	-1.37799	0.848808	1.0622	1.0622	2.87471	4.55089	1.40718	1
cg14322719	NALGP1	0.0759245	0.0126641	2.2644	2.2644	0.441599	0.745796	-1.34034	0.174627	0.727325	-1.37444	0.548925	0.54118	-1.84813	0.0029861	0.1944102	5.14428	0.0116565	0.703887	-1.42068	0.0146063	0.165381	-6.04755	0.0139449	0.225196	-4.43995	0.0109171	0.770969	1.06652	-1.02652	2.87467	2.2136	0.685325	1
cg03825772	KCNQ1;KCNQ1	0.0759274	0.0508321	1.66927	1.66927	0.746247	1.08045	1.08045	0.0538204	0.593482	-1.68496	0.222056	1.35776	1.35776	0.35179	1.4199	1.4199	0.166946	0.703887	-1.42068	0.214069	1.36581	1.36581	0.764356	1.07464	1.07464	0.0604968	1.640478	1.64478	2.87465	2.58562	0.799515	1
cg26987179	RAB5C;RAB5C	0.0759278	0.268772	1.19187	1.19187	0.0283688	1.48342	1.48342	0.271487	1.19059	1.19059	0.433693	0.885376	-1.12946	0.0200373	1.53364	1.53364	0.8026904	0.863654	-1.15787	0.132377	0.3642	-2.74574	0.132732	2.75044	2.75044	0.835657	1.13392	1.13392	2.87458	16.6639	5.15287	1
cg01146780	TMND1;TMND1;C5	0.0759281	0.4153921	0.99019	1.01083	0.909	-1.64501	0.0134287	0.538208	2.85502	2.85502	0.0139871	1.44346	1.44346	0.0255562	0.9294477	1.01	0.0190401	0.319453	-3.13055	0.0496482	0.0796127	-12.5566	0.0139487	0.1819484	-5.49655	0.0388364	0.244765	-4.08555	0.87462	0.50774	1.56995	1
cg01334211	EBF3	0.0759299	0.071003	0.575019	-1.73907	0.0758309	-1.7196	1.7196	0.887767	0.962	-1.0395	0.162702	0.66441	-1.5051	0.889142	0.96246	-1.039	0.390565	0.78556	-1.27298	0.0182223	2.19537	2.19537	0.335148	1.31348	1.31348	0.179033	1.47937	1.47937	2.87461	3.42661	1.05958	1
cg25590938	C9orf119;GOLGA2	0.0759304	0.0658084	1.5077	1.5077	0.355975	1.0471	1.0471	0.874488	1.1879	0.8113	0.943481	1.94424	1.94424	0.0056532	2.88855	2.88855	0.0160002	1.46266	1.46266	0.0122185	0.377695	2.64733	0.0077691	1.23521	1.23521	0.265774	1.373962	1.37396	2.87458	8.72888	2.68345	1
cg21606395	ASAP1	0.0759317	0.532527	0.682173	-1.4659	0.0194591	0.181059	-5.52306	0.0727722	0.297902	-3.35681	0.0652241	3.49828	3.49828	0.509791	0.667291	-1.4986	0.808904	0.863654	-1.15787	0.132377	0.3642	-2.74574	0.132732	2.75044	2.75044	0.835657	1.13392	1.13392	2.87458	16.6639	5.15287	1
cg06979110	ACCN2;ACCN2	0.0759333	0.585581	1.66809	1.66809	0.0108734	2.82855	2.82855	0.0324803	2.03402	2.03402	0.0172812	1.44346	1.44346	0.255562	0.9294477	1.01	0.0190401	0.319453	-3.13055	0.0496482	0.0796127	-12.5566	0.0139487	0.1819484	-5.49655	0.0388364	0.244765	-4.08555	0.87462	0.50774	1.56995	1
cg15456206	ZNF580;ZNF580;ZNF58C	0.0759351	0.442584	1.09487	1.09487	0.0107692	1.44904	1.44904	0.109754	1.22365	1.22365	0.0165304	0.942828	-1.06064	0.0156344	1.08115	1.08115	0.693976	0.955253	-1.04684	0.0364044	0.473673	-2.11268	0.0750254	1.03762	1.03762	0.874553	0.631035	0.188672	1
cg17369032	NGFR	0.0759392	0.0292259	1.56774	1.56774	0.08893167	1.78985	1.78985	0.119486	1.34404	1.34404	0.752205	0.946073	-1.057	0.650719	0.923328	-1.08304	0.039272	1.51804	1.51804	0.3317004	1.18915	1.18915	0.153863	1.3063	1.3063	0.738941	1.06028	1.06028	2.87447	1.39444	0.43121	1
cg04295449	RPTOR;RPTOR	0.0759403	0.5683237	1.15093	1.15093	0.0572107	0.439454	-2.2757	0.582346	0.831867	-1.13396	0.0992551	0.555365	-1.80159	0.0178407	0.3534482	-2.82966	0.442732	0.837302	-1.19441	0.2158557	0.855243	-1.16903	0.0516126	0.559982	1.14308	1.14308	0.0867338	0.651004	-1.53609	2.87443	1.3446	0.724696	1
cg16628243	CENPJ;CENPJ	0.0759426	0.519908	1.10921	1.10921	0.0685079	1.37615	1.37615	0.0151597	1.59539	1.59539	0.763682	1.04834	1.04834	0.280972	1.19179	1.19179	0.0176946	0.799117	-1.2835	0.219709	0.817044	-1.22392	0.111005	0.9934	1.0934	0.87441	1.116	1.116	2.87443	1.1	0.345113	1
cg18267330	INPP4A;INPP4A;INPP4A;INPP4A;INPP4A	0.0759464	0.967246	1.00501	1.01672	0.3630507	0.497765	-2.01686	0.263767	0.624682	-1.60082	0.554812	1.27284	1.27284	0.874578	0.918241	-1.06582	0.631327	1.2564	1.2564	0.0098664	4.80863	4.80863	0.0044809	0.96744	-1.03396	0.9152818	0.764851	-1.30744	2.87436	2.74204	0.9375	1
cg11459603	HIST1H2BI	0.0759479	0.646742	0.712468	-1.40357	0.326006	1.9988	1.9988	0.0183482	6.24328	6.24328	0.527611	1.26363	1.60498	0.521	1.61736	1.61736	0.0973394	1.83798	1.83798	0.0818474	2.03106	2.03106	0.0178162	0.2738	2.32067	2.32067	0.00606195	14.1466	14.1466	2.87433	24.8776	7.69342	1
cg20158111	IQCC;IQCC	0.0759487	0.113358	0.882053	-1.13372	0.856011	1.01332	1.01332	0.0194187	0.813954	-1.22857	0.302394	1.08091	1.08091	0.596008	1.03974	1.03974	0.021194	1.22364	1.22364	0.211219	1.1007	1.1007	0.94275	0.994778	-1.00525	0.765676	0.978464	-1.02201	0.87432	0.241542	0.0746973	1
cg05178996	ZNF805;ZNF805	0.0759489	0.621416	1.3307	1.3307	0.2326735	1.51523	1.51523	0.131344	1.51344	1.51344	0.509864	1.43942	1.43942	0.0892186	1.84157	1.84157	0.0028561	0.610648	-1.6377	0.0012312	0.182904	5.46966	0.0012312	0.53368	1.8831	1.8831	0.0139409	1.41459	1.41216	2.87432	1.41216	0.377	1
cg15154339	ATP4B	0.0759502	0.0920437	0.627205	-1.59438	0.0288881	0.523069	-1.91179	0.242567	0.735196	-1.36018	0.621892	1.13319	1.13319	0.268358	0.748275	-1.33641	0.01651	0.478673	-2.08911	0.234243	1.3684	1.3684	0.523114	1.17678	1.17678	0.132274	0.664588	-1.50469	0.8743	2.88013	0.890692	1
cg04481779	IL20RA;IL20RA	0.0759518	0.140873	0.328193	-3.04929	0.0155035	4.75548	4.75548	0.0132493	3.40218	3.40218	0.927698	1.06593	1.06593	0.913207	0.926172	-1.07971	0.260569	2.8229	2.8229	0.147271	0.222571	6.02271	0.0964417	0.30489	-3.27982	0.0532271	0.52257	0.96624	2.87427	2.52.557	6.96624	1
cg02854228	GPR39	0.0759536	0.266248	0.794515	-1.25863	0.449151	0.858002	-1.1655	0.106563	0.704746	-1.41894	0.193892	0.729496	-1.37081	0.458761	0.860877	-1.16161	0.269379	0.25815	-3.87225	0.0085726	0.146514	6.82611	0.0085726	0.944614	0.92681	-1.08123	-1.13477	0.262258	0.79284	-1.26127	0.87425	1.79493	0.555099	1
cg09118558	NAV2;NAV2;NAV2;NAV2	0.0759541	0.120213	2.62969	2.62969	0.248165	1.99869	1.99869	0.919778	1.05949	1.05949	0.127905	2.57057	2.57057	0.196532	0.607737	-1.64545	0.0471298	3.68074	3.68074	0.0123428	5.97203	5.97203	0.0275671	4.45768	4.45768	0.925067	0.947469	-1.05544	2.87424	14.978	4.6321	1
cg17030100	PDE4D;PDE4D	0.0759543	0.0246033	1.614415	1.614415	0.0720644	2.57109	2.57109	0.0183763	1.46456	1.46456	0.279552	1.47102	1.47102	0.0384643	1.55068	1.55068	0.0191002	1.58483	1.58483	0.0129149	1.58046	1.58046	0.0148551	1.41749	1.41749	0.0457191	1.83911	1.83911	2.87421	1.96875	0.78456	0.35108	1
cg14962363	AM3	0.0759565	0.0701709	0.805636	-1.24126	0.978053	0.997067	-1.00294	0.150095	1.20812	1.20812	0.442224	1.08725	1.08725	0.0362752	0.771126	-1.29681	0.102816	0.826505	-1.20991	0.0316824	0.764215	-1.30853	0.894389	1.01428	1.01428	0.235463	0.875688	-1.14196	2.8742	0.518852	0.160463	1
cg06380157	KIAA0754;MACF1;MACF1	0.0759581	0.6619	1.08021	1.08021	0.812812	1.01311	1.01311	0.943153	1.01008	1.01008	0.841856	1.11888	1.11888	0.0463178	1.10715	1.10715	0.62424	1.08109	1.08109	0.0937721	0.581742	-1.71893	0.0241705	1.18569	1.18569	0.0139643	0.705868	1.19627	2.03252	1.18569	0.864643	0.208268	1
cg00667976	ARL1	0.0759615	0.0302389	0.386459	-2.5876	0.209432	1.63828	1.63828	0.0623654	0.457131	-2.18756	0.556081	0.800776	-1.24879	0.456297	1.32725	1.32725	0.237007	0.629834	-1.58772	0.839796	1.07846	1.07846	0.314548	1.47416	1.47416	0.0394716	2.43224	2.43224	2.87412	3.63826	1.96025	1
cg06966277	SLC30A7;EXTL2;EXTL2;SLC30A7	0.075962	0.187733	1.41423	1.41423	0.00698623	2.37778	2.37778	0.0100267	2.2411	2.2411	0.339393	1.27694	1.27694	0.08949	1.59172	1.59172	0.320933	1.28994	1.28994	0.995145	1.10051	1.10051	0.450078	1.21054	1.21054	0.135514	1.49096	1.49096	2.87411	2.80564	0.86771	1
cg12737976	SOCBP2;SOCBP2	0.0759648	0.0557156	1.39588	1.39588	0.350915	1.18011	1.18011	0.0178663	0.838255	-1.56677	0.694199	1.13272	1.13272	0.161444	1.38752	1.38752	0.0904378	1.01866	1.01866	0.937313	1.1438	1.1438	0.0819459	0.84599	-1.18459	0.0329576	1.46775	1.46775	2.87407	1.07045	0.313232	1
cg04458548	FETUB FCHSA2;FCHSA1;PCDHA3;PCDH

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19431272	S1PR5;S1PR5	0.0760574	0.111985	0.53986	-1.85233	0.284871	0.673229	-1.48538	0.834047	0.927996	-1.07759	0.642842	1.18097	1.18097	0.0247728	0.385992	-2.59073	0.00805325	0.298482	-3.35029	0.0414473	0.432753	-2.31079	0.92081	1.03605	1.03605	0.814497	0.919692	-1.08732	2.87264	5.77197	1.78603	1
cg22868034	SULT2B1;SULT2B1	0.0760577	0.359057	0.841856	-1.18785	0.0551279	1.48724	1.48724	0.235199	1.25497	1.25497	0.962005	1.00873	1.00873	0.0748465	0.696155	-1.43646	0.810049	0.956996	-1.04494	0.0363587	0.641387	-1.55912	0.0963076	1.39561	1.39561	0.243589	1.24947	1.24947	2.87264	1.516	0.4691	1
cg07094987	FAM155A	0.0760605	0.89042	1.03394	1.03394	0.182209	0.709747	-1.40895	0.151458	0.689231	-1.45089	0.190412	1.39902	1.39902	0.0369191	0.556076	-1.79832	0.073414	1.62154	1.62154	0.271881	1.31911	1.31911	0.126096	0.6698	-1.49298	0.140619	0.681256	-1.46788	2.8726	2.66775	0.825502	1
cg06579875	FLJ40125	0.076061	0.367036	0.877684	-1.13936	0.0627166	1.34295	1.34295	0.185642	1.21848	1.21848	0.205299	1.20701	1.20701	0.364674	0.877088	-1.14014	0.801422	0.96514	-1.03612	0.136341	1.25354	1.25354	0.0072295	1.62907	1.62907	0.175359	1.22496	1.22496	2.87259	0.901879	0.279076	1
cg10813908	TMEM173	0.0760637	0.0154463	0.468091	-2.13634	0.648264	1.12449	1.12449	0.0653413	0.589497	-1.69636	0.947907	0.983447	-1.01683	0.141444	0.667681	-1.49772	0.0268704	0.511847	-1.95371	0.386644	1.25446	1.25446	0.300424	1.31537	1.31537	0.606204	0.875606	-1.14207	2.87255	2.96897	0.918728	1
cg17397069	SGCD;SGCD;SGCD	0.0760641	0.570705	0.871748	-1.14712	0.583628	1.14177	1.14177	0.55716	0.867432	-1.15283	0.130598	1.47854	1.47854	0.074906	0.621802	-1.60823	0.206195	1.37628	1.37628	0.38242	1.23932	1.23932	0.0962972	0.645704	-1.5487	0.0145267	0.486188	-2.05682	2.87254	2.61023	0.80772	1
cg17561365	PTPRN2;PTPRN2;PTPRN2	0.0760681	0.0661186	1.24187	1.24187	0.844992	0.979641	-1.02078	0.161431	1.17017	1.17017	0.0129981	1.38248	1.38248	0.217432	0.872531	-1.14609	0.215183	1.14694	1.14694	0.0365822	1.29081	1.29081	0.494191	0.929644	-1.07568	0.690378	1.04297	1.04297	2.87248	0.502365	0.155457	1
cg15722404	PPARG;PPARG;PPARG	0.0760695	0.0715345	0.733164	-1.36395	0.121125	0.771637	-1.29595	0.222324	0.820519	-1.21874	0.178316	0.802053	-1.2468	0.0986146	0.756274	-1.32227	0.501145	0.900044	-1.11106	0.0447099	0.70086	-1.42682	0.0312598	1.47666	1.47666	0.97417	1.00501	1.00501	2.87246	1.08229	0.334918	1
cg01732875	TPTE2;TPTE2;TPTE2	0.0760739	0.0690527	0.269272	-3.71372	0.194477	0.412627	-2.42349	0.0508777	0.238232	-4.19759	0.286979	2.04024	2.04024	0.0301629	0.193165	-5.17692	0.179358	0.398578	-2.50892	0.519997	0.656652	-1.52288	0.0520199	0.24036	-4.16043	0.0291754	0.190592	-5.2468	2.87239	18.9223	5.85568	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(105T vs. N)	Fold-Change(105T-vs-N)	p-value(111T vs. N)	Fold-Change(111T-vs-N)	p-value(112T vs. N)	Fold-Change(112T-vs-N)	p-value(121T vs. N)	Fold-Change(121T-vs-N)	p-value(221T vs. N)	Fold-Change(221T-vs-N)	p-value(347T vs. N)	p-value(347T vs. 477T)	p-value(353T vs. N)	Fold-Change(353T-vs-N)	p-value(353T vs. 537T)	Fold-Change(537T-vs-N)	p-value(537T vs. 537T)	Fold-Change(537T-vs-37T)	p-value(563T vs. N)	Fold-Change(563T-vs-N)	p-value(563T vs. 63T)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg04262197	CFDP1	0.07062201	0.601118	0.932851	-1.0836	0.0612349	0.725404	-1.37854	0.207199	0.836724	-1.2244	0.759904	0.104796	1.04776	0.227683	1.18747	1.18747	0.0813464	0.745222	-1.34188	0.0890324	0.751669	-1.33037	0.0924067	0.754348	-1.32505	0.0459972	1.41642	1.41642	2.87014	1.0531	0.326146	1
cg22805603	NURC4;NURC4	0.07622206	0.52316	1.30141	1.30141	0.627042	1.22061	1.22061	0.366631	0.568504	-1.45878	0.820691	0.911716	-1.09683	0.0332258	0.196396	0.09175	0.0460015	0.39415	2.53711	0.910223	0.955116	-1.04699	0.485469	0.749336	-1.33452	0.11922	0.502381	-1.99052	2.87013	7.53453	2.33347	1
cg27335924	CD70	0.07622223	0.353415	0.828977	-1.20631	0.0121911	0.541415	-1.84701	0.834046	1.04207	1.04207	0.0608855	0.51439	1.51439	0.174051	0.75272	-1.32852	0.991252	1.00216	1.00216	0.0811742	0.684006	-1.46198	0.871319	1.03236	1.03236	0.0945282	0.696969	-1.43478	2.87011	1.75404	0.543237	1
cg21252483	TULP2	0.07622232	0.312004	0.61059	-1.63776	0.910408	1.054481	1.05462	0.0955893	2.37196	2.37196	0.6329601	1.254481	1.254481	0.0861495	0.408705	-2.44621	0.708103	0.876797	-1.14005	0.0059189	5.465547	5.465547	4.298112	5.66336	1.66336	0.0471685	1.141255	1.141255	2.87009	0.10172	0.313337	1
cg21585782	PTPN14	0.07622252	0.731515	0.893384	-1.11934	0.0601415	2.00182	2.00182	0.24381	0.670878	-1.49058	0.612821	0.762142	-1.31209	0.0239665	0.414108	-2.41483	0.306229	1.41447	1.41447	0.0570346	2.02354	2.02354	1.425581	1.12227	1.12227	0.187938	0.633352	-1.5789	2.87006	4.87036	1.5084	1
cg16438722	MIR4874	0.07622255	0.640643	1.1011	1.1011	0.108311	0.698448	-1.45175	0.497969	0.868535	-1.15136	0.725411	0.930304	-1.07492	0.107082	0.74724	-1.33849	0.00984219	0.512536	-1.95108	0.240697	1.28613	1.28613	0.027043	0.584928	-1.70961	0.284273	0.796219	-1.25594	2.87006	1.00775	0.59085	1
cg23718633	RBM43	0.07622626	0.0520864	0.552586	-1.80967	0.512482	0.836681	-1.1952	0.124432	0.639832	-1.56291	0.107218	0.623768	-1.60316	0.0190855	0.466052	-2.14155	0.0263555	0.493127	-2.02788	0.0790461	0.592479	-1.68782	0.866884	1.04606	1.04606	0.0343456	0.515505	-1.93985	2.87005	3.27529	1.0144	1
cg21385821	CA10;CA10	0.07622269	0.328844	0.772626	-1.29493	0.0153888	2.14155	2.14155	0.0853793	1.84623	1.84623	0.6549936	1.69762	1.69762	0.490155	0.831736	-1.19655	0.581855	0.4673	-2.1407	0.1153	0.937993	1.03038	1.03038	0.180009	0.69841	-1.43182	0.0995667	0.999797	-1.0002	2.87004	2.97887	0.922696	1
cg13088374	URGCP;UBE2D4	0.07622295	0.819788	0.878654	-1.1381	0.170465	2.68082	2.68082	0.0589236	0.315383	-3.17075	0.0807737	0.667245	1.78254	0.0133778	0.327884	-3.05134	0.997597	0.998294	-1.00171	0.077247	0.328361	3.045413	2.343165	0.500392	-1.99843	0.0112254	0.165127	6.055594	2.87	14.0086	4.52456	1
cg02005367	EXOSC4 KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;	0.07623044	0.262026	1.33744	1.33744	0.268546	0.750897	-1.33174	0.118023	0.655765	-1.52494	0.111577	0.649968	-1.53854	0.166242	1.44339	1.44339	0.235919	1.36176	1.36176	0.679874	1.10866	1.10866	0.0507584	1.73902	1.73902	0.0630942	0.593223	-1.68571	2.86998	2.80922	0.870071	1
cg12477608	KLHL13	0.07623306	0.29424	0.610128	-1.639	0.0150434	0.257373	-3.88541	0.205323	0.545049	-1.8347	0.426441	0.691552	-1.44602	0.0341022	0.325267	-3.07439	0.180099	0.524384	-1.907	0.00798216	0.213456	-4.6848	0.108692	0.451748	-2.21362	0.691008	0.834055	-1.19896	2.86998	9.37586	2.90389	1
cg14730075	KIF26B	0.07623309	0.0655115	0.513435	-1.50729	0.0381459	2.86274	2.86274	0.0742096	1.26114	1.26114	0.058601	0.309832	-3.22755	0.360468	0.597131	-1.67468	0.439419	1.54251	1.54251	0.0414874	0.725625	-3.6199	0.165992	0.40988	2.40988	0.811382	0.877312	-1.1401	2.86997	13.6726	4.23467	1
cg08323658	AKR6	0.07623343	0.226145	1.79408	1.79408	0.004957	5.53462	5.53462	0.8926838	0.939787	-1.06407	0.4112298	1.47035	1.47035	0.878206	0.911993	-1.07307	0.917818	1.04861	1.04861	0.548312	0.756275	-1.32227	0.0291206	0.526386	1.82656	0.0828253	0.241897	2.41897	2.86992	9.61322	2.97746	1
cg15034848	CRYGD	0.07623345	0.0148458	0.160607	-6.23933	0.0462642	0.180885	-5.52838	0.116195	0.278452	-3.59128	0.37053	0.502264	-1.99098	0.0978509	0.255669	-3.89606	0.601107	0.673656	-1.48444	0.0499533	0.187454	-5.33495	0.0798629	0.14752	-6.77873	0.0404138	0.169331	-5.90559	2.86992	25.4909	7.89519	1
cg04266887	ARHGEF4	0.07623355	0.116776	1.75804	1.75804	0.0934404	1.83437	1.83437	0.0073983	1.53457	1.53457	0.504106	1.21564	1.21564	0.508206	0.807726	-1.24887	0.257955	1.97822	1.97822	0.144013	1.6815	1.6815	0.0433976	2.15788	2.15788	0.0157311	2.006532	2.006532	2.86989	4.98262	1.54326	1
cg21201256	KCNT2	0.07623398	0.694092	1.12821	1.12821	0.547209	1.2043	1.2043	0.832051	0.937244	-1.06696	0.1532	1.59486	1.59486	0.0749463	0.545932	-1.83173	0.355874	1.33619	1.33619	0.029799	0.458246	-2.18223	0.072318	1.84423	1.84423	0.0858006	0.560213	-1.78504	2.86984	4.23322	1.31118	1
cg14184942	DLGAP4	0.07624	0.186285	0.596084	-1.67761	0.0703586	2.10217	2.10217	0.917096	1.03951	-1.09319	0.109319	0.155653	1.587532	-1.70209	0.0109658	0.301419	-3.31764	0.289035	0.660358	-1.50137	0.299764	1.48705	1.48705	0.117641	1.46435	1.46435	0.749716	1.12545	1.12545	2.86983	0.19688	0.91939	1
cg24534367	GPATCH4;GPATCH4	0.07624413	0.0116174	0.23227	-4.30681	0.0203086	2.62658	2.62658	-1.46486	0.0459353	0.155383	-3.17075	0.807737	1.2384	0.0133778	0.327884	-3.05134	0.159657	0.560488	-1.78416	0.0360956	0.358673	-2.78805	0.832872	0.914484	-1.09351	0.0441115	0.376562	-2.6556	2.86981	8.13442	2.51953	1
cg13395868	EHMT1	0.07624315	0.579601	1.08539	1.08539	0.218489	1.20869	1.20869	0.0893031	0.760059	-1.31569	0.954447	1.0084	1.0084	0.0515242	1.38343	1.38343	0.14817	1.25502	1.25502	0.0182535	1.52131	1.52131	0.419082	0.886122	-1.12851	0.265769	0.843819	-1.18509	2.86978	0.9746644	0.301887	1
cg23595490	SHROOM3	0.07624352	0.0651216	2.9432	2.9432	0.0209558	2.61959	2.61959	1.42936	0.143835	2.26738	2.26738	0.0715408	2.85471	2.85471	0.0293441	1.13899	0.0376324	3.51525	3.51525	0.0433433	3.35789	3.35798	0.0297088	2.83559	2.83559	0.0759008	2.80029	2.80029	2.86975	12.3504	3.82547	1
cg01242196	GRM4	0.07624669	0.0749601	0.371369	-2.69274	0.120901	2.26861	2.26861	0.70742	1.20723	1.20723	0.438538	0.673905	-1.48389	0.0201585	0.509877	-1.96126	0.875228	0.924154	-1.08165	0.0159223	0.227827	-4.38929	0.0323187	0.285966	-3.49691	0.156009	0.468569	-2.13416	2.86973	11.3391	3.51225	1
cg02219147	KAT6B1	0.07625021	0.0392232	0.557641	-1.79347	0.0107408	2.18132	2.18132	0.0455607	1.76772	1.76772	0.0937756	1.40271	1.40271	0.125993	0.712875	-1.40301	0.0763926	0.442036	2.26252	0.0121875	2.26252	2.6648	0.0149863	1.38306	1.38306	0.0255195	0.826617	-2.09975	2.86968	3.10653	1.11653	1
cg00017639	SLC28A1;SLC28A1	0.07625254	0.0980781	0.250306	-3.99511	0.0234157	0.126564	-7.90112	0.0182686	0.159965	-6.25135	0.221238	0.374752	-2.66843	0.0194689	0.115806	-8.63516	0.145298	0.303096	-3.29928	0.024594	0.129579	-7.71732	0.265484	0.412411	-2.42477	0.0920759	0.242824	-4.11821	2.86962	26.4794	8.20222	1
cg05689413	MED20	0.07625549	0.104894	0.422586	-2.36638	0.0237564	0.26933	-3.71292	0.0319944	0.294853	-3.39152	0.817307	0.893622	-1.11904	0.0295043	0.287605	-3.47759	0.126392	0.447661	-2.23383	0.0403847	0.316374	-3.16082	0.597183	1.29591	1.29591	0.235608	0.546541	-1.82969	2.86961	10.7371	3.32593	1
cg09507215	ATP11A;ATP11A	0.07625668	0.00637025	0.135676	1.75804	0.0934404	1.83437	1.83437	0.0073983	1.53457	1.53457	0.504106	1.21564	1.21564	0.508206	0.807726	-1.24887	0.257955	1.97822	1.97822	0.144013	1.6815	1.6815	0.0433976	2.15788	2.15788	0.0157311	2.006532	2.006532	2.86989	4.98262	1.54326	1
cg24791380	FAM126A	0.07625599	0.65044	0.927508	-1.07816	0.508321	1.11901	1.11901	0.568607	1.09972	1.09972	0.395087	1.15451	1.15451	0.926341	1.01537	1.01537	0.702637	0.938686	-1.06532	0.00220204	0.492618	-2.02997	0.331734	0.84773	-1.17962	0.3398822	1.17619	1.17619	2.86953	1.23671	0.383092	1
cg19082909	NCOR2;NCOR2	0.07626209	0.687835	1.08662	1.08662	0.341864	1.18383	1.18383	0.0378568	1.14051	1.14051	0.0835627	1.48282	1.48282	0.0156548	1.81137	1.81137	0.992638	1.00968	1.00968	0.761173	1.0795	1.0795	0.0078883	1.46435	1.46435	0.749716	1.12545	1.12545	2.86983	6.19688	1.91939	1
cg24534367	FHIT;FHIT	0.07626235	0.0274427	0.46649	1.46649	0.898449	1.11876	1.11876	0.0189282	0.285654	1.17676	1.17676	0.116221	1.28475	1.28475	0.0276444	1.4655	1.4655	0.0953953	3.10854	1.30854	0.186131	0.0440256	1.22823	1.06229	1.06229	0.217903	0.826754	1.20955	2.86947	0.9791	0.3033	1
cg13771624	PNPLA7;PNPLA7	0.07626236	0.778526	1.14897	1.14897	0.567427	0.752256	-1.32933	0.00278697	0.131291	-7.61666	0.477985	0.700961	-1.42661	0.673915	0.81185	-1.23175	0.967817	1.02007	1.02007	0.0205831	0.253161	-3.95006	0.911278	0.946582	-1.05643	0.874624	0.925177	-1.08087	2.86947	11.024	3.41495	1
cg25379954	PROX1	0.07626447	0.0200447	0.164347	-6.0847	0.0447947	0.146522	-7.01204	0.0557851	0.184653	-4.02171	0.20715	0.42318	-2.36306	0.141004	0.335044	-2.97931	0.0376323	0.265241	-3.77016	0.0193575	0.213977	-4.67339	0.113355	0.328228	-3.04615	0.2036	0.420016	-2.38086	2.86945	18.9914	5.88309	1
cg20553524	SLC7A2;SLC7A2;SLC7A2	0.07626552	0.230544	1.25881	1.25881	0.195858	1.36217	1.36217	0.212559	1.27157	1.27157	0.474643	1.1423	1.1423	0.510474	0.885015	-1.12992	0.0798032	1.42723	1.42723	0.0325868	1.58041	1.58041	0.34964	0.838471	-1.19265	0.0432572	0.653477	-1.53028	2.86945	1.52172	0.471394	1
cg16031339	FAM82A2	0.07626563	0.533347	0.881869	-1.13416	0.364684	1.36684	1.36684	0.0413744	0.585659	1.88136	1.88136	0.1180337	1.32174	0.144919	0.852299	-1.17282	0.379124	0.944484	1.05916	0.652294	1.51857	1.51857	0.151819	0.658374	1.51857	0.151819	0.496098	1.14965	1.14965	2.86943	1.02795	0.358485	1
cg00264754	LRRC4C	0.07626588	0.616848	1.13986	1.13986	0.750091	0.920414	-1.08647	0.0864671	1.63473	1.63473	0.554634	0.856332	-1.16777	0.0766417	1.66708	1.66708	0.226403	1.39046	1.39046	0.00640418	2.51065	2.51065	0.355961	1.27943	1.27943	0.187096	1.695667	1.43747	2.86939	3.06072	0.948159	1
cg23191354	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.07626698	0.124428	0.263511	-3.79491	0.0411312	0.61291	0.61291	0.42635	1.91376	1.91776	0.15955	0.33675	3.33675	0.0504615	0.59297	0.59297	0.553159	0.6176	1.6176	0.714884	0.745182	-1.34195	0.0570065	0.177902	-5.62107	0.378542	0.4867	-2.06326	2.86938	29.2071	9.04792	1
cg20705895	MRFAP1	0.07626706	0.8160075	1.03284	1.03284	0.0934404	1.83437	1.83437	0.0073983	1.53457	1.53457	0.504106	1.21564	1.21564	0.508206	0.807726	-1.24887	0.257955	1.97822	1.97822	0.144013	1.6815	1.6815	0.0433976	2.15788	2.15788	0.0157311	2.006532	2.006532	2.86989	4.98262	1.54326	1
cg16324746	C5orf72	0.07627214	0.878365	0.958273	-1.04354	0.483854	1.21898	1.21898	0.101078	1.64827	1.64827	0.327509	1.32486	1.32486	0.584055	0.857384	-1.16634	0.508056	1.20548	1.20548	0.00452326	0.348917	-2.86601	0.389399	0.782329	-1.27823	0.236779	0.708233	-1.41196	2.86935	3.51993	1.09043	1
cg19908577	UGT8	0.07627241	0.357034	0.753972	-1.32626	0.0155165	1.15165	1.15165	0.0838361	1.344	1.344	0.577562	0.937455	1.55874	0.0498314	0.515232	-1.94036	0.545306	0.833239	1.20024	0.0144153	2.4125	2.4125	0.0138571	1.60899	1.60899	0.0855415	1.41251	1.41251	2.86931	4.93852	1.72111	1
cg23469117	YDJC;CCDC116	0.07627261	0.0309604	0.442746	-2.22835	0.2901659	0.706621	-1.41519	0.0193323	0.408646	-2.44711	0.389559	0.75661	-1.32169	0.0227599	0.422215	-2.36846	0.100337	0.56584	-1.76728	0.545988	0.824246	-1.21323	0.631561	0.858278	-1.16512	0.0193065	0.408575	-2.44753	2.86934	5.47043	1.40862	1
cg21204030	LPP;LPP	0.07627323	0.11559	0.317721	-3.14741	0.0169603	0.142015	-7.04149	0.115502	0.340126	-2.94009	0.858353	1.12721	1.12721	0.0221652	0.159088	-6.28583	0.453584	0.599451	-1.66819	0.0151475	0.135137	-7.39006	0.43822	0.588596	-1.69896	0.136863	0.341594	-2.92745	2.86934	20.4178	6.32521	1
cg06052329	UGT8;UGT2;UGF1	0.07627752	0.0558802	0.246426	-4.05611	0.0242099	0.141565	-7.06309	0.0182724	0.159965	-6.25135	0.221238	0.374752	-2.66843	0.0194689	0.115806	-8.63516	0.145298	0.303096	-3.29928	0.024594	0.129579	-7.71732	0.265484	0.412411	-2.42477	0.0920759	0.242824	-4.11821	2.86931	26.4794	8.20222	1
cg23468917	WDR25;WDR25	0.07627758	0.0278796	0.2506	-3.99043	0.010682	0.181036	-5.52377	0.150168	0.439782	-2.27385	0.731181	1.21728	1.21728	0.133757	0.422626	-2.36616	0.845497	1.10949	1.10949	0.030238	3.053798	3.053798	0.0148434	2.95105	2.95105	0.0113651	2.858278	-1.16512	2.86931	4.76091	1.40862	1
cg02270010	RNF44	0.07627853	0.724117	0.898403	-1.11324	0.4178	1.07997	1.07997	0.470065	0.833867	-1.19978	0.278691	0.83782	-1.1938	0.0458526	1.1035	1.1035	0.168613	0.808266	-1.23711	0.0853546	0.894533	-1.11779	0.454535	1.14428	1.14428	0.0716154	0.727128	-1.38651	2.86858	1.44238	0.446709	1
cg02482478	GPR133	0.07627864	0.740373	1.13059	1.13059	0.0388255	1.41805	1.41805	0.374025	1.40047	1.40047	0.371251	1.40336	1.40336	0.00605863	2.26633	-3.75474	0.764484	1.11729	1.11729	0.426345	0.740964	-1.34959	0.47918	0.766801	-1.30412	0.6265222	0.834426	-1.19843	2.86928	6.19109	1.91797	1
cg05314248	ARHGEF19	0.07627909	0.10506	0.249356	-4.01077	0.0183051	1.06217	1.06217	0.0189282	0.285654	1.14321	1.14321	0.0965267	1.368	1.368	0.0449387	0.517237	1.93539	0.952638	1.09068	0.0196144	2.08329	2.08329	0.0076154	1.29242	1.29242	0.0242313	1.15364	1.15364	2.86927	0.32855	0.102278	0.595618	1
cg08889480	ANXA8L2	0.07627967	0.562682	0.855578	1.20947	0.0388255	1.41805	1.41805	0.374025	1.40047	1.40047	0.371251	1.40336	1.40336	0.00605863	2.26633	-3.75474	0.764484	1.11729	1.11729	0.426345	0.740964	-1.34959	0.47918	0.766801	-1.30412	0.6265222	0.834426	-1.19843	2.86928	6.19109	1.91797	1
cg18805518	DNMBP	0.07627987	0.911341	0.975267	-1.02536	0.186765	0.730034	-1.3698	0.0245487	0.547602	-1.82614	0.198295	1.35757	1.35757	0.244943	0.760733	-1.31452	0.17331	1.3851	1.3851	0.0943545	1.51208	1.51208	0.170951	1.38791	1.38791	0.182365	1.37468	1.37468	2.86924	2.29737	0.711724	1
cg25379954	PROX1	0.07628047	0.1383348	1.3115	1.3115	0.0447947	1.46522	1.46522	-1.01204	0.0557851	0.184653	-4.02171	0.20715	0.42318	-2.36306	0.141004	0.335044	-2.97931	0.0376323	0.265241	-3.77016	0.0193575	0.213977	-4.67339	0.113355	0.328228	-3.04615	0.2036	0.420016	-2.38086	2.86945	18.9914	5.88309	1
cg11210004	TUBGCP2	0.07628791	0.490205	0.852298	-1.1733	0.032084	0.564083	-1.77279	0.611002	1.12409	1.12409	0.0347385	0.57049	-1.75288	0.094873	0.658	-1.51976	0.0816675	0.644036	-1.55271	0.0760099	0.56693	1.56693	0.337976	0.798327	-1.25262	0.258053	0.764055	-1.30881	2.86923	2.36285	0.732013	1
cg25631383	EHMT2;EHMT2	0.07628804	0.560246	1.12829	1.12829	0.154788	1.36391	1.36391	0.0550193	1.56182	1.56182	0.448638	0.853647	-1.17144	0.0212726	0.568587	-1.75874	0.960699	0.989953	-1.01051	0.4889366	0.865961	-1.15479	0.314734	1.4196	1.4196	0.11956	0.707418	-1.41359	0.98221	1.50835	0.591211	1
cg05499367	TMEM26	0.07628813	0.1033668	0.256429	2.69427	0.0431299	0.87141	0.87141	0.402541	1.25161	1.25161	0.0887521	2.77183	2.77183	0.182577	2.33171	-2.87777	0.795886	1.93586	1.93586	0.0001	2.22245	2.22245	0.176459	2.76362	2.76362	0.0076624	2.88822	-1.19215	0.00618775	8.47211	0.044767	0.402814	1
cg16377819	GOLGA6D	0.07628813	0.10208	1.22077	1.22077	0.0662899	0.794824	-1.25814	0.0201344	0.731613	-1.36684	0.805057	1.02795	1.02795	0.0307473	0.753607	-1.32695	0.609254	0.944148	-1.05916	0.8082224	0.973254	-1.02748	0.434331	0.914907	-1.09301	0.329522	1.11872	1.11872	2.8692	0.564783	0.174972	1
cg22212260	LRP1;UBP1;LBP1	0.07628826	0.493321	1.12728	1.12728	0.0933467	1.54226	1.54226	0.0844864	1.64862	1.64862	0.887023	1.10693	1.10693	0.0389407	2.18947	-2.55125	0.719158	1.14204	1.14204	0.307806	0.958284	-1.04353	0.341354	0.889782	-1.12393	0.2482458	0.768	1.04062	2.86917	0.4768	0.16462	1
cg11616676	SRL;SRI ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB2	0.07628863	0.805259	1.09971	1.09971	0.003202	0.212625	-4.70311	0.0668254	0.453574	-2.20471	0.402402	1.39057	1.39057	0.162792	0.563679	-1.77406	0.865797	0.936992	-1.06724	0.248941	0.62897	-1.5899	0.390994	0.713069	-1.40239	0.76664	1.12132	1.12132	2.86912	0.727602	0.20841	1
cg13798112	0;ZBTB20;ZBTB20	0.07628867	0.297137	0.758344	-1.31866	0.0104241	0.438086	-2.28265	0.0424833	0.544981	-1.81824	0.630365	1.13211	1.13211	0.555182	0.858365	-1.16501	0.648532	1.12461	1.12461	0.34175	1.28492	1.28492	0.0995761	1.58713	1.58713	0.600555	1.44777	1.44777	2.86912	2.97597	0.921992	1
cg25664050	HLA-DRB6	0.07628878	0.0117852	0.0562426	-17.7801	0.657427	1.50439	1.50439	0.0203695	0.0774442	-12.9125	0.926123	1.08857	1.08857	0.647157	0.659938	-1.52453	0.115173	0.208609	-4.79166	0.261581	2.91617	2.91617	0.304851	0.378223	-2.64394	0.113662	0.207012	-4.83063	2.8691	38.0451	11.7869	1
cg20094827	ZFYVE27;ZFYVE27;ZFYVE27	0.07628884	0.1444574	1.15894	1.15894	0.0443113	1.51453	1.51453	0.0550193	1.56182	1.56182	0.448638	0.853647	-1.17144	0.0212726	0.568587	-1.75874	0.960699	0.989953	-1.01051	0.4889366	0.865961	-1.15479	0.314734	1.4196	1.4196	0.11956	0.707418	-1.41359	0.98221	1.50835	0.591211	1
cg03903705	DDX46	0.07629222	0.0545456	0.53656	-1.86372	0.703058	0.918137	-1.09843	0.145534	1.52821	1.52821	0.249579	0.721414	-1.38617	0.771122	0.923895	-1.08237	0.019158	0.463381	-2.15805	0.794008	0.931452	-1.07359	0.598601	1.15506	1.15506	0.0581313	1.78805	1.78805	2.86903	3.34612	1.0367	1
cg16524549	BEND6;DST	0.07629236	0.0770704	0.577205	-1.73192	0.0427356	0.262757	-3.80615	0.0424833	0.544981	-1.81824	0.630365	1.13211	1.13211	0.555182	0.858365	-1.16501	0.152313	0.847214	-1.18017	0.491354	0.85204	-1.17325	0.0459526	0.446166	-2.24169	0.0646761	0.628448	-1.59071	0.812247	0.948137	-1.05457	1
cg05048917	QRSL1;RTN4IP1;RTN4IP1	0.07629296	0.399346	1.21388	1.21388	0.227405	1.3293	1.3293	0.0342174	1.742	1.742	0.0110111	0.488473	-2.0472	0.799892	-1.944538	1.05872	0.510682	1.16169	1.16169	0.499834	1.16633	1.16633	0.237824	1.32019	1.32019	0.162916	1.307336	1.39736	2.86897	2.29293	0.710414	1
cg26423542	SEMA6A	0.07629367	0.119976	0.508399	-1.96696	0.481353	1.33246	1.33246	0.650819	1.2005	1.2005	0.78808	1.1141	1.1141	0.00635501	2.240604	-4.15621	0.607728	1.23077	1.23077	0.189985	1.74489	1.74489	0.075853	2.45274	2.45274	0.0210761	0.4107019	0.713651	-1.40124	2.86893	7.30786	2.26421	1
cg20800372	ZSWIM4	0.07629406	0.0493321	0.728258	-1.37291	0.0181746	1.1347	1.1347	0.0844864	1.64862	1.64862	0.887023	1.10693	1.10693	0.0389407	2.18947	-2.55125	0.719158	1.14204	1.14204	0.307806	0.958284	-1.04353	0.341354	0.889782	-1.12393	0.2482458	0.768	1.04062	2.86917	0.4768	0.16462	1
cg04420141	RGS9;RGS9;RGS9	0.07630312	0.0597531	0.66136	-1.51204	0.787141	1.05554	1.05554	0.640338	1.09591	1.09591	0.0938013	1.43137	1.43137	0.969033	1.00758	1.00758	0.0528658	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-N)	p-value(105T vs. N)	Fold-Change(105T-vs-N)	p-value(111T vs. N)	Fold-Change(111T-vs-N)	p-value(112T vs. N)	Fold-Change(112T-vs-N)	p-value(121T vs. N)	Fold-Change(121T-vs-N)	p-value(121T vs. N)	Fold-Change(5 21T vs.N)	F(Error
cg22302275	TARS2	0.0763729	0.416303	0.83707	-1.58301	0.225064	2.02284	2.02284	0.141207	0.43692	-2.39854	0.457912	0.658411	-1.51881	0.0210128	0.215472	-4.64098				
cg23271269	TTC39A	0.076373	0.112097	1.65795	1.65795	0.514864	0.824484	-1.21288	0.277508	1.39101	0.532776	0.831412	-1.22707	0.623121	0.865239	-1.15575					
cg07105696	CENPN;CENPN;CENPN;C16orf61	0.0763745	0.0700823	0.455473	-2.19552	0.497701	1.30124	1.30124	0.948183	1.02511	1.02511	0.529474	1.2758	1.2758	0.0034262	2.002814	-4.93064				
cg14571669	MSRB3;MSRB3	0.0763755	0.0741402	0.394206	-2.53636	0.0498387	0.17581	-5.68734	0.0356582	0.31868	-3.13794	0.117927	0.452004	-2.21237	0.688641	0.828295	-1.2073				
cg10682299	PITX2;PITX2	0.0763759	0.562758	0.17387	1.37807	0.378926	1.28056	0.0902951	1.66759	0.96205	0.966832	-1.03431	0.666105	0.887868	-1.12629						
cg15164782	COL4A1;MIR548G;COL8A1	0.0763769	0.385135	1.33653	1.33653	0.753213	1.10822	1.10822	0.0212632	0.3612922	-2.76784	0.84049	0.935457	-1.06786	0.0409274	0.4636325	-2.15687				
cg14176942	PTGS1;PTGS1	0.0763785	0.911721	1.02518	1.02518	0.307779	1.26704	1.26704	0.110041	0.6767112	-1.47773	0.108331	0.675207	-1.48103	0.433228	0.83586	-1.19637				
cg07320212	FAPS11	0.0763808	0.716276	0.879038	-1.14163	0.0166601	0.28887	2.88887	0.0312201	2.78865	2.78865	0.284335	1.49724	1.49724	0.212801	1.60993	1.60993				
cg19151420	LMO2;LMO2;LMO2	0.0763847	0.0739649	0.610489	-1.63803	0.342303	1.27437	1.27437	0.157465	1.4544	1.4544	0.821755	1.01757	1.01757	0.9798	-2.00884					
cg05006892	GP1BA	0.0763857	0.129012	0.711775	-1.40494	0.253024	0.780357	-1.28146	0.209985	0.76047	-1.31498	0.139389	0.71915	-1.39053	0.287869	0.795568	-1.25696				
cg23859113	ZFYVE28	0.0763861	0.0959243	0.637202	-1.56977	0.499917	0.715675	1.39753	0.0863161	1.568261	1.64124	0.874713	0.870344	-1.14897	0.0165701	0.6018548	-1.6611				
cg00756450	GALK2;GALK2 SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A	0.0763869	0.796981	1.04842	1.04842	0.00250841	2.15963	2.15963	0.0418704	1.53749	1.53749	0.159453	1.11573	1.11573	0.50901	0.884378	1.13074				
cg27530136	D2A	0.0763879	0.912929	1.009	1.009	0.154176	0.882534	-1.1331	0.220531	0.8998863	-1.11128	0.208766	1.11466	1.11466	0.19388	1.11919	1.11919				
cg08556632	CPNE7;CPNE7	0.0763896	0.21614	1.5695	1.5695	0.4417849	2.25375	2.25375	0.612558	0.8237905	-1.19345	0.831626	1.07652	1.07652	0.398238	0.684472	-1.45249				
cg05803631	PER3	0.0763901	0.645288	1.730332	-1.36934	0.2124315	2.02273	2.02273	0.0030841	1.88094	1.88094	0.645006	1.36961	1.36961	0.0026558	1.990822	-2.02762				
cg25912870	FLI1;1197	0.0763967	0.4564331	1.17065	1.17065	0.0704707	1.52192	1.52192	0.938187	1.01624	1.01624	0.116329	0.701525	-1.42547	0.496904	0.866505	-1.15406				
cg07445740	C12orf27	0.0763978	0.94317	0.976683	-1.02387	0.0219656	0.976506	-2.656	0.00914572	0.334191	-2.9931	0.631111	0.8520055	-1.17363	0.766289	1.10367	1.10367				
cg01733045	TEX264;TEX264;TEX264	0.0763982	0.239252	1.26513	1.26513	0.00495908	1.87298	1.87298	0.157751	1.45421	1.45421	0.249667	1.25807	1.25807	0.0163708	1.6321726	-1.26826				
cg17001533	KIF20B	0.0763995	0.152879	0.825145	-1.21191	0.526457	1.08391	1.08391	0.8870375	1.26775	1.26775	0.909622	1.01436	1.01436	0.312098	1.14029	1.14029				
cg14149304	FAM54B;FAM54B;FAM54B	0.0764001	0.1559184	0.476381	-2.09916	0.673273	0.881376	-1.23247	0.512669	1.38714	1.38714	1.731329	0.8437774	0.6960904	0.353047	1.23249					
cg19275653	WIPF1	0.0764031	0.165622	1.4875	1.4875	0.460803	1.22341	1.22341	0.532463	1.18507	1.18507	0.273719	0.736475	-1.35782	0.514963	1.19401	1.19401				
cg01101792	KDM5B	0.0764073	0.797737	1.07996	1.07996	0.144557	1.31826	1.31826	0.0655955	0.9737	0.9737	0.0308563	1.45162	1.45162	0.511902	1.0771268	-1.41495				
cg02668984	PDK2	0.0764103	0.908793	1.01524	1.01524	0.476173	1.10035	1.10035	0.00232898	1.75275	1.75275	0.972253	0.995419	-1.0046	0.758299	1.04158	1.04158				
cg20240243	MEF2A;MEF2A;MEF2A	0.0764115	0.761517	0.933744	-1.07096	0.0023913	0.3855154	-2.59394	0.324881	0.795362	-1.25729	0.0826103	0.64859	-1.54181	0.842022	0.650338	-1.53766				
cg07019303	ETV6	0.0764171	0.261222	1.82816	0.0552313	0.516638	-1.15818	-1.15818	0.133316	0.42448	-2.35532	0.189903	0.4776059	-2.08481	0.0279963	0.253175	-3.94984				
cg22559319	C4orf27	0.0764146	0.326668	0.703085	-1.4223	0.114862	0.55075	-1.81571	0.717898	0.8814282	-1.13452	0.103593	0.538347	-1.85754	0.0276523	0.404222	-2.47389				
cg06452184	UHMK1	0.0764162	0.105497	0.381391	-2.62198	0.0376506	0.976502	1.0244	0.9999	1.0244	1.0244	0.865433	1.15549	1.15549	0.0523883	1.828282	1.828282				
cg20154457	PEX5;PEX5;PEX5;PEX5;PEX5	0.0764162	0.484879	1.01603	1.19603	0.459064	0.826853	-1.20941	0.0262034	0.514195	-1.94479	0.851265	1.04848	1.04848	0.942029	0.976288	1.02429				
cg17445875	MITF;MITF	0.0764202	0.293102	0.774052	-1.2919	0.0993398	0.654276	-1.52841	0.629501	1.12092	1.12092	0.0585241	0.605981	-1.65022	0.0516309	0.594413	-1.68233				
cg11195291	EDC3;EDC3;EDC3;EDC3;EDC3;EDC3	0.0764204	0.324376	1.29104	1.29104	0.0688733	1.19739	1.58939	0.101724	1.50339	1.50339	0.142191	1.34534	1.34534	0.1857	0.8609004	1.75584				
cg25957092	VPS37B	0.076421	0.0493387	2.34716	2.34716	0.29467	1.51189	1.51189	0.904705	0.9553365	-1.04672	0.0181996	0.29557	2.97557	0.0427504	0.4210471	-2.43622				
cg07306197	SLC12A7	0.0764253	0.1792136	1.37256	1.37256	0.0887133	1.12416	1.12416	0.0655965	0.8659	-1.15479	0.0825008	0.6270069	1.4359	0.0655965	0.9737	-1.02703				
cg11286076	MAP3K8	0.0764224	0.180381	0.72357	-1.38204	0.539741	0.868307	-1.15167	0.00550021	0.43598	-2.29368	0.0174089	0.517602	-1.93199	0.719648	0.921289	-1.08544				
cg00395501	RPL5	0.0764238	0.623467	1.15171	1.15171	0.00986028	2.536977	2.53697	0.0203112	2.2224	2.2224	0.440186	1.25196	1.25196	0.147725	0.64188	-1.55792				
cg12136126	CCDC15	0.0764284	0.2125466	1.78352	1.78352	0.0958126	0.8774384	1.7947	1.7947	0.0407973	2.35972	0.0805781	0.31714	-3.15303	0.0179663	0.2535175	-3.94984				
cg14248429	FKBP9	0.0764249	0.737152	0.950707	-1.05185	0.1026554	0.764918	-1.30733	0.200451	0.8163282	-1.225	0.433189	1.12752	1.12752	0.23574	1.20499	1.20499				
cg25380465	ZNF426	0.0764254	0.2145846	1.18682	1.18682	0.0970599	0.9782922	-1.14427	0.6603973	1.31186	1.31186	0.8519592	1.01166	1.01166	0.8239992	1.0452064	1.0452064				
cg02366002	SESN1;C6orf182;C6orf182	0.076429	0.368655	0.887782	-1.12664	0.2571687	0.757756	-1.31969	0.807282	1.03201	1.03201	0.0839709	0.781534	-1.27953	0.1225323	0.8065	-1.2393				
cg13675411	PRMT1;PRMT1;PRMT1	0.0764293	0.873135	0.970207	-1.03071	0.399618	1.17728	1.17728	0.141652	0.741482	-1.34865	0.388941	1.18189	1.18189	0.0418115	0.641431	-1.55901				
cg09187007	MEGF6	0.0764315	0.2594832	1.31852	1.31852	0.0977401	0.8501553	1.50208	-1.55155	0.0208527	-1.55155	0.0208527	-1.55155	0.0208527	-1.61724	0.6059324	-1.67316				
cg27362557	FAM189A1 PAFAH1B1;PAFAH1B3;PAFAH1B3;PFR1	0.0764316	0.0782268	0.621059	-1.61015	0.0199166	0.504536	-1.98202	0.0614564	0.598732	-1.6702	0.42648	0.820627	-1.21858	0.0308036	0.545142	-1.83438				
cg14686817	5;PR19;PAFAH1B3	0.076432	0.00709988	0.122617	-8.5555	0.25113	2.04807	2.04807	0.340672	1.80849	1.80849	0.176962	0.420646	-2.37729	0.0495828	0.25878	-3.86428				
cg22944444	ADAMTS16	0.0764344	0.79373	1.1715	1.1715	0.0733253	2.39617	2.39617	0.0124707	2.10319	2.10319	0.161465	0.899612	1.10565	0.176578	0.62228	-1.60645				
cg05141904	RIPK4	0.0764368	0.0840866	0.5932	-1.66856	0.4561513	0.8196435	1.67306	0.0760663	1.60953	2.70163	0.0184877	0.7099101	1.04911	0.0683757	0.5789036	-1.72731				
cg10305805	CASP	0.0764374	0.0394183	1.37895	1.37895	0.919871	1.01366	1.01366	0.801568	0.9666111	-1.03454	0.221420	0.840866	-1.18925	0.0316243	0.7119	-1.40469				
cg25647683	RRP1	0.0764375	0.626351	0.888153	-1.12571	0.4078733	1.25917	1.25917	0.553131	0.8855326	-1.15537	0.889239	0.9836195	-1.01285	0.2344454	0.740813	-1.34987				
cg03522668	MRGPRF;MRGPRF	0.0764378	0.258825	1.12845	1.12845	0.0225193	1.53769	1.53769	0.805668	0.9750933	-1.02561	0.429857	1.08617	1.08617	0.476215	1.07714	1.07714				
cg03105244	NCK2;NCK2;NCK2	0.0764385	0.0653302	0.548295	-1.82357	0.0140719	0.126789	-7.88711	0.1115151	0.3060987	-3.25746	0.766565	1.22488	1.22488	0.0391242	0.5979166	-1.67256				
cg20719675	CHINA1;CHINA1	0.0764394	0.0457622	0.38587	-2.59187	0.0441109	0.1944	0.1944	0.0155826	0.617642	-1.61906	0.884296	0.957314	-1.04459	0.289725	0.18986	-5.26791				
cg13257044	SLBP	0.0764433	0.9648408	1.01556	1.01556	0.262596	1.50486	1.50486	0.506067	1.2663	1.2663	0.047425	0.452239	-2.21122	0.03773	0.430307	-2.32392				
cg16142306	UCHL1;UCHL1	0.0764439	0.0260267	0.377197	-2.65031	0.0958126	0.8974384	1.64745	0.0902791	1.5069	1.5069	0.262577	0.91017	0.91017	0.188644	1.11041	1.11041				
cg17887593	NFIC	0.0764459	0.927841	0.99016	-1.00994	0.708552	1.04185	1.04185	0.156743	1.17983	1.17983	0.271657	0.882554	-1.13307	0.198431	0.862098	-1.15996				
cg01528370	ATP9B	0.0764459	0.354381	0.784006	-1.2755	0.0520732	0.568712	-1.75836	0.217759	1.3926	1.3926	0.113477	0.644125	-1.55249	0.0574206	0.5776	-1.7313				
cg04604806	AMMECR1L	0.0764466	0.542145	1.23405	1.23405	0.804719	0.919037	-1.0881	0.00504808	0.282583	-3.53879	0.374187	1.36464	1.36464	0.504335	0.793804	-1.25976				
cg12152338	LDLRAD3	0.0764467	0.149763	0.249373	-4.01005	0.0185701	0.0767686	-13.0262	0.666446	0.6770617	-1.47697	0.284378	0.367832	-2.71864	0.0320737	0.104528	-9.56679				
cg28296189	SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.0764497	0.0122604	0.211328	-4.73355	0.0144822	0.2309	-4.32309	0.0144822	0.2309	-4.32309	0.144822	0.2309	-4.32309	0.144822	0.2309	-4.32309				
cg20308060	RHBDF2;RHBDF2	0.0764501	0.914961	0.856957	-1.16692	0.244522	0.8092	0.8092	7	7	7	0.105598	12.8709	12.8709	0.147924	0.629566	-1.5884				
cg25300594	TMEM80B	0.0764504	0.0053668	0.2	-5.00134	0.0148615	0.414567	2.41467	0.0594133	0.6027202	-1.65919	0.142593	0.5872382	-1.70257	0.0082284	0.4908268	-2.03744				
cg18384063	RECQL5 EYA1;EYA1;EYA1;EYA1;EYA1;EYA1;EYA	0.076451	0.264969	0.772363	-1.29473	0.909652	1.02556	1.02556	0.0847064	0.654471	-1.52795	0.409431	0.828971	-1.20632	0.549623	0.872648	1.14594				
cg25700686	1	0.0764531	0.106338	0.41199	-2.42724	0.0732357	0.175776	-5.68906	0.0202213	0.244595	-4.08839	0.496641	0.706765	-1.4149	0.553232	0.739631	-1.35203				
cg12634499	SH3PXD2A	0.0764565	0.880747	0.94328	-1.06013	0.0828674	2.11064	2.11064	0.0187104	3.02941	3.02941	0.708688	1.15718	1.15718	0.0230161	0.347315	-2.87923				
cg00458564	RASA3	0.0764569	0.393428	0.784117	-1.27503	0.4849723	1.17897	1.17897	0.563832	1.08833	1.08833	0.169684	0.8065396	1.23993	0.2700033	0.2295428	-4.35598				
cg22403060	TAS2R46;PRR4;PRH1	0.0764572	0.547473	1.35847	1.35847	0.179463	0.251586	-4.25196	0.025458	0.262785	-3.8054	0.095505	0.3978562	-2.51343	0.0601594	0.344037	-2.90666				
cg08181378	NOTCH2	0.0764579	0.5905532	0.903128	-1.10726	0.943949	0.986897	-1.01328	0.464517	0.869671	-1.14986	0.977133	1.00539	1.00539	0.97682	1.00546	1.00546				
cg21245891	QSOX1;QSOX1	0.0764592	0.1194899	0.531029	-1.91192	0.2107735	0.737655	-1.3548	0.2153266	1.4766	1.4766	0.319206	1.14006	1.14006	0.1551188	1.24009	1.24009				
cg07238450	FBXL7	0.0764596	0.042308	0.283536	-3.52689	0.00762619	0.157429	-6.35206	0.338081	0.587312	-1.70267	0.731853	0.8307991	-1.20366	0.060667	0.319891	3.126006				
cg11367412P	SNORD67;CKAP5;CKAP5	0.0764598	0.3417351	1.31053	1.31053	0.2625316	0.625316	-1.60026	0.0462744	0.5249	-1.90489	0.187172	0.8474265	-1.18006	0.0402546	0.4492304	-2.22617				
cg17843665	MIPEP	0.07646	0.0517643	0.591254	-1.69132	0.639941	0.894178	-1.11835	0.0969631	0.6488881	-1.54112	0.998668	1.0004	1.0004	0.606465	0.883945	-1.13129				
cg11166600	C3orf58;C3orf58	0.0764625	0.0528208	0.269071	-3.71649	0.229619	2.12094	2.12094	0.0793642	3.19498	3.19498	0.0933494	1.00678	1.00678	0.786779	0.850685	-1.17552				
cg04428842	SH3PXD2A	0.0764627	0.9583513	1.01459	1.01459	0.0881153	2.31939	2.31939	0.0194343	3.14243	3.14243	0.144212	0.607274	1.11165	0.0127402	0.7931061	-1.2244				
cg08267319	LOC92659;MAFG	0.0764628	0.0364097	0.524112	-1.90799	0.64336	0.883551	-1.13185	0.50424	1.19923	1.19923	0.467739	0.821789	-1.21686	0.230469	0.715928	-1.39679				
cg06346789	LOC100133991	0.0764629	0.611112	0.79454	-1.25846	0.3855154	0.598432	-1.67104	0.2364	1.40834	1.40834	0.236468	0.6758282	1.47962	0.1539	0.6511761	-1.53564				
cg10275695	SLC8A2	0.0764668	0.398069	1.40766	1.40766	0.249816	0.61845	-1.60845	0.490262	0.758104	-1.31908	0.72617	1.14907	1.14907	0.762206	1.12742	1.12742				
cg19800497	CPNE9	0.0764674	0.429286	1.15592	1.15592	0.0956513	0.68456	-1.46114	0.0042432	0.4887359	1.8161	1.8161	0.598834	1.10209	0.315795	1.10209	1.10152				
cg15730668	ZNF121	0.0764683	0.497364	0.912475	-1.09592	0.470877	1.10242	1.10242	0.854787	1.05858	-1.02474	0.820841	1.10683	1.10683	0.514415	1.14772	-1.02699				
cg02756545	ABCD3;ABCD3	0.0764692	0.293009	0.824515	-1.21283	0.698042	1.01174	0.0767823	1.45163	1.41643	0.801074	0.956325	-1.04567	0.468151	1.13948	1.13948					
cg06993050	CYFIP2;C5orf40;CYFIP2;CYFIP2	0.0764719	0.311796	0.8	-1.25	0.0994171	0.373173	2.68004	0.0349133	0.5479	-1.82504	0.145373	0.7495	-1.33419	0.0148534	0.645375	1.54975				
cg17451879	9;OSBP9;OSBPL9	0.0764715	0.445825	0.87195	-1.14686	0.159549	0.767191	-1.30346	0.69043	1.0708	1.0708	0.777989	0.951384	-1.0511	0.0839228	0.140104	1.40104				
cg11944324	TOLLIP	0.0764726	0.95488	0.993306	-1.00674	0.33991	1.12558	1.12558	0.680066	0.951971	-1.05045	0.153334	1.199	1.199	0.921196	0.988323	-1.01181				
cg13138088	GNPTAB NKRA52;NKIRAS2;NKIRAS2;NKIRAS2;NK	0.0764743	0.701898	1.16088	1.16088	0.714992	0.867398	-1.15287	0.903053	1.0484	1.0484	0.46259	1.3365	1.3365	0.00514568	0.170975	-5.84882				
cg23093450	IRAS2	0.076481	0.0222112	0.134016	-7.46179	0.0659164	3.77464	3.77464	0.0554489	0.43356	-4.03356	0.69026	1.2942	1.2942	0.19647	1.76476	1.76476				
cg05562775	SLC20A2	0.0764618	0.304382	0.807139	-1.23907	0.0999025	1.44753	1.44753	0.0161156	1.33278	1.35878	0.659297	1.09304	1.09304	0.356237	1.20954	1.20954				
cg21179618	NOTCH1	0.0764643	0.137949	0.583542	-1.71367	0.374779	1.35959	1.35959	0.0405584	1.33213	1.33213	0.454742	0.773559	-1.29273	0.0526207	0.412572	-2.42382				
cg23588713	ESYT1	0.0764841	0.0512967	0.14094	-7.09252	0.590762	1.61495	1.61495	0.547508	1.26145	1.26145	0.212295	0.43047	0.848079	0.137149	0.729134	-1.37116				
cg15982735	TC2N;TC2N;TC2N	0.0764857	0.1181	0.419285	-2.38497	0.0155811	0.42216	2.15605	0.0079725	0.55575	-1.79965	0.165196	0.6827125	-1.46494	0.0275832	0.4256	-2.35021				
cg19408740	ISG15 C5orf25;C5orf25;C5orf25;C5or	0.076488	0.133917	2.72039	2.72039	0.0529017	2.90427	2.90427	0.0562984	3.81195	3.81195	0.135371	2.70872	2.70872	0.798301	1.1718	1.1718				
cg16063587	f25;C5orf25	0.0764885	0.146541	0.518649	-1.92809	0.840161	0.918392	-1.08886	0.397744	0.694345	-1.44021	0.102784	0.471418	-2.12126	0.0290272	0.338189	-2.95692				
cg13259095	DLGAP2	0.0764886	0.396312	1.10855	1.10855	0.0533939	0.770803	-1.29735	0.513894	0.924468	-1.0817	0.171353	0.841326	-1.1886	0.124289	0.802835	-1.21829				
cg19410649	LOC441208	0.0764923	0.0479433	0.37249	-2.68457	0.0813117	0.2117	-4.7249	0.0159513	0.3892	-2.56996	0.0613756	0.5	-2	0.0613756	0.3892	-2.56996				
cg14567414	MPP3;MPP3	0.0764918	0.437986	0.53706	-1.86199	0.167347	0.17893	0.391176	1.99442	0.549463	0.617163	-1.62032	0.928643	0.93204	1.07292						
cg25479399	MYOM1;MYOM1	0.0764922	0.217468	0.704272	-1.42037	0.0783942	0.308505	2.47007	0.0170201	1.97434	1.93821	0.0233127	0.4162	-2.40323	0.0128869	0.397052	-2.51773				
cg16399664	OAS2;OAS2;OAS2	0.076493	0.174414	0.50956	-1.96248	0.542833	0.750165	-1.33304	0.0506857	0.353775	-2.82669	0.0915065	0.420126	-2.38024	0.00674802	0.194175	5.14999				
cg11054924	RAB10;RAB10	0.0764949	0.820711	0.946864	-1.05612	0.30691	0.775366	-1.28971	0.802093	0.964916	-1.03636	0.581621	0.874711	-1.14323	0.265656	1.32182	1.32182				
cg22526288	OIT	0.0764958	0.0779674	0.5	-2	0.0755261	0.2	-5	0.0755261	0.2	-5	0.0755261	0.2	-5	0.0755261	0.2	-5				
cg11723055	KRT72;KRT72;KRT72	0.0764992	0.175009	0.838619	-1.19244	0.0359769	0.1467	1.1467	0.0836657	0.791688	-1.26312	0.364809	0.892598	-1.12032	0.636146	0.943511	-1.05987				
cg19098402	ZNF835	0.0765001	0.166371	0.595579	-1.67963	0.2024747	0.848243	-1.17899	0.6225252	0.8709478	0.4408862	-2.02897	0.5749459	1.73953	0.3047244	0.8396961	-1.19081				
cg03032512	C1QTNF1;C1QTNF1;C1QTNF1	0.0765015	0.698744	0.901686	-1.10903	0.0445858	0.363663	-2.72953	0.1238	0.6401755	-1.55823	0.715445	1.10233	1.10233	0.10348	0.840087	-1.19035				
cg09318521	RNFT1	0.0765044	0.092272	0.779367	-1.28309	0.680872	1.05721	1.05721	0.0160999	1.48613	1.48613	0.857907	0.97618	-1.0244	0.113732	0.806422	-1.24005				
cg21244175	ZNF835	0.0765064	0.852383	1.23703	1.23703	0.1126431	1.71576	1.71576	0.0118656	1.52431	1.52431	0.13492	1.72392	1.72392	0.0147414	1.9961	1.9961				
cg15402210	LOC100132215	0.076506	0.238891	1.34687	1.34687	0.246313	1.27858	1.27858	0.431768	2.19418	2.19418	0.917423	2.29404	2.29404	0.134294	4.86152	4.86152				
cg01444076	NXPE;NXPE5	0.0765068	0.173185	0.610558	-1.63785	0.835734	1.11858	1.11858	0.6694332	0.934177	-2.90242	0.0299163	0.251914	-3.96961	0.00663017	0.1493	-6.69794				
cg23280296	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0765087	0.4625387	0.875	0.4654643	0.228836	-4.36995	0.0413983	0.218309	-4.58067	0.117293	0.332658	-3.00609	0.02175	0.1683	-5.94176					
cg02470267	RADIL	0.076509	0.97288	1.00705	1.00705	0.119542	0.705469	-1.4175	0.03861	0.609683	-1.6402	0.302541	0.808965	-1.23615	0.692148	0.921089	-1.08567				
cg07608884	LRRC8D;LRRC8D	0.0765107	0.270135	1.27255	1.27255	0.0918228	0.727319	-1.38647	0.237198	0.8182834	-1.22222	0.0852481	0.5	-2	0.0852481	0.3892	-2.56978				
cg01305127	DGCR6	0.0765113	0.0536999	0.712761	-1.403	0.0470271	0.14208	1.42098	0.403282	0.87617	-1.14133	0.30029	0.847127	-1.18046	0.303359	0.848081	1.17913				
cg08589418	CHRNA6	0.0765179	0.2547737	0.740924	-1.35026	0.4196	1.48029	1.48029	0.111529	1.29	1.29	0.159539	1.51937	1.51937	0.115238	1.84007	-1.14192				
cg24471894	KIAA0020	0.0765151	0.2804666	1.26085	1.26085	0.0170326	0.349319	2.866	0.0905451	0.509178	-1.96395	0.832962	0.92641	-1.07944	0.2552333	0.65057	-1.53711				
cg06964816	ANXA3	0.0765157	0.2502053	1.74102	1.74102	0.124057	2.15678	2.15678	0.301758	1.63844	1.63844	0.36373	0.8009204	1.25021	0.3014401	0.7641	-1.30899				
cg08941085	FAM171A2	0.0765161	0.2174472	1.30417	1.30417	0.0923137	0.20127	-4.9692	0.0136184	0.343445	-2.91053	0.0684194	0.1944	-5.14426	0.0072888	0.2037	-4.90911				
cg26758502	RBBP5	0.0765159	0.555934	1.31885	1.31885	0.633583	0.799999	-1.25	0.816965	0.897874	-1.11374	0.536842	1.33721	1.33721	0.0310717	0.308514	-3.24135				
cg01485075	ZNF

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04305677	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;FTSJ2;NUDT1;NUDT1	0.0765503	0.0716694	0.483849	-2.06676	0.00692571	0.283231	-3.53069	0.0237018	0.377283	-2.65053	0.265732	0.65794	-1.51989	0.372118	0.718367	-1.39205	0.0296783	0.396959	-2.51915	0.535209	0.79718	-1.25442	0.426735	0.746066	-1.34036	0.887204	0.950059	-1.05257	2.86508	5.91267	1.8344	1
cg21104167	ZBTB7A	0.076551	0.721567	1.06258	1.06258	0.071353	0.710619	-1.40722	0.781724	0.953978	-1.04824	0.209965	0.799225	-1.25121	0.0825341	0.721667	-1.38568	0.133752	0.76008	-1.31565	0.00586679	0.542432	-1.84355	0.667324	1.07611	1.07611	0.371539	1.1684	1.1684	2.86507	1.30564	0.405075	1
cg06849477	PRR5;PRR5;PRR5;PRR5;PRR5;PRR5	0.076552	0.0572056	0.522895	-1.91243	0.156469	0.633301	-1.57903	0.016929	0.415657	-2.40583	0.451251	0.79349	-1.26026	0.0454437	0.500848	-1.99661	0.339003	0.743039	-1.34582	0.0163971	0.413119	-2.42061	0.051326	0.512387	-1.95165	0.93839	0.976973	-1.02357	2.86505	4.12113	1.27859	1
cg26756083	MMP16;MMP16;MMP16;MMP16	0.0765543	0.0994629	1.20866	1.20866	0.167815	0.857033	-1.16682	0.326856	0.899218	-1.11208	0.384726	0.910711	-1.09804	0.651286	1.04891	1.04891	0.0739468	1.23247	1.23247	0.0275774	0.760763	-1.31447	0.0804552	0.815879	-1.22567	0.318157	0.897372	-1.11436	2.86502	0.499771	0.155057	1
cg14006774	CEACAM19;CEACAM19	0.0765555	0.112132	0.3414	-2.92912	0.0164592	0.161879	-6.17745	0.415693	0.596404	-1.67672	0.354425	0.553285	-1.80739	0.00640156	0.110377	-9.05989	0.598138	1.39159	1.39159	0.205601	0.436227	-2.29238	0.186391	0.418839	-2.38755	0.134704	0.367176	-2.72349	2.865	17.5135	5.43369	1
cg04309037	MSL1	0.0765559	0.795793	0.952409	-1.04997	0.00252727	0.454647	-2.19951	0.113667	0.72353	-1.38211	0.645408	1.09102	1.09102	0.772397	0.946933	-1.05604	0.788665	1.05181	1.05181	0.244919	1.25695	1.25695	0.922765	1.0184	1.0184	0.344103	0.832577	-1.20109	2.86499	1.60397	0.497645	1
cg00967519	SPATS1	0.0765567	0.851408	0.967215	-1.0339	0.713164	1.06783	1.06783	0.0188838	0.603206	-1.65781	0.262437	1.23085	1.23085	0.0166693	0.594773	-1.68131	0.0689232	0.696396	-1.43597	0.515528	0.889401	-1.12435	0.0768633	0.704868	-1.41871	0.729962	0.940263	-1.06353	2.86498	1.4338	0.444852	1
cg09309913	ST3GAL1;ST3GAL1	0.0765569	0.0265783	0.552682	-1.80936	0.105831	1.48961	1.48961	0.658838	1.10543	1.10543	0.304939	1.27082	1.27082	0.091213	1.52145	1.52145	0.287541	0.779494	-1.28288	0.0375503	0.580225	-1.72347	0.954291	0.987152	-1.01302	0.883749	0.967532	-1.03356	2.86498	2.30922	0.716458	1
cg22476542	XPC;XPC;LSM3;XPC	0.0765574	0.540107	1.12804	1.12804	0.188486	0.762872	-1.31084	0.816119	1.04629	1.04629	0.66882	0.919808	-1.08718	0.0634606	0.666717	-1.49989	0.0600524	0.662286	-1.50992	0.0221285	1.70393	1.70393	0.232725	1.27517	1.27517	0.275537	1.24651	1.24651	2.86497	1.71214	0.531212	1
cg01106909	HCCA2;CTSD	0.0765585	0.700178	1.0775	1.0775	0.161772	1.33406	1.33406	0.702417	0.928621	-1.07687	0.0446565	1.56005	1.56005	0.0465429	0.644192	-1.55233	0.203237	1.29577	1.29577	0.129048	1.37221	1.37221	0.0517627	1.53269	1.53269	0.302492	0.813785	-1.22883	2.86495	1.68866	0.523928	1
cg20617583	NRGN;NRGN	0.0765591	0.570222	1.26027	1.26027	0.00592616	4.268	4.268	0.0747147	2.2264	2.2264	0.201028	1.72366	1.72366	0.711264	1.16172	1.16172	0.0695075	2.26721	2.26721	0.0728005	2.24099	2.24099	0.707817	0.859165	-1.16392	0.0533402	2.42282	2.42282	2.86494	7.37558	2.28838	1
cg16563171	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3	0.0765595	0.348148	0.738374	-1.35433	0.21674	0.664892	-1.504	0.41574	1.29848	1.29848	0.0110259	2.72159	2.72159	0.881045	1.04814	1.04814	0.462217	0.790569	-1.26491	0.0392343	0.47279	-2.1151	0.392732	0.759628	-1.31643	0.268411	1.43615	1.43615	2.86494	4.4738	1.38806	1
cg06259800	BTNL2	0.0765606	0.77418	0.913686	-1.09447	0.0743997	1.86596	1.86596	0.112747	0.58174	-1.71898	0.945028	0.978594	-1.02187	0.00741996	0.338848	-2.95117	0.183192	1.55763	1.55763	0.822255	1.07316	1.07316	0.286371	0.706512	-1.4154	0.825105	1.07192	1.07192	2.86492	4.46785	1.38622	1
cg15545021	LCLAT1;LCLAT1	0.0765607	0.93735	1.02127	1.02127	0.0259439	0.492776	-2.02932	0.464443	0.81929	-1.22057	0.500038	0.832548	-1.20113	0.881692	1.04067	1.04067	0.523162	0.840949	-1.18913	0.00615889	2.60278	2.60278	0.716007	0.906824	-1.10275	0.504245	1.19891	1.19891	2.86492	3.25162	1.00887	1
cg24455024	USP13	0.0765629	0.988386	1.00636	1.00636	0.0473142	2.6888	2.6888	0.584571	1.27205	1.27205	0.341091	0.652085	-1.53354	0.860448	0.926171	-1.07971	0.0246319	0.311481	-3.21047	0.0305564	0.330339	-3.02719	0.405141	1.44952	1.44952	0.300612	1.59599	1.59599	2.86489	8.6194	2.67434	1
cg03571073	ATP11A;ATP11A	0.0765629	0.555547	1.31905	1.31905	0.00937595	0.216529	-4.61832	0.307867	0.61249	-1.63268	0.0446455	2.91751	2.91751	0.103965	0.437936	-2.28344	0.861658	0.922184	-1.08438	0.337609	0.631832	-1.5827	0.487773	1.38736	1.38736	0.732435	1.17279	1.17279	2.86489	9.78746	3.03676	1
cg06980380	DTNB;DTNB;DTNB;DTNB;DTNB	0.0765634	0.193205	0.769727	-1.29916	0.0157524	1.75491	1.75491	0.587362	1.10976	1.10976	0.301986	1.22538	1.22538	0.89836	0.976003	-1.02459	0.572461	0.89726	-1.1145	0.242443	0.792531	-1.26178	0.0247171	1.6624	1.6624	0.148872	1.34213	1.34213	2.86488	1.63926	0.508615	1
cg11241541	TACC1;TACC1	0.0765638	0.674381	1.23729	1.23729	0.179756	2.05019	2.05019	0.591359	1.31401	1.31401	0.733141	1.18821	1.18821	0.0118747	0.205473	-4.86683	0.496793	0.706345	-1.41574	0.122155	0.429909	-2.32608	0.0639305	2.85554	2.85554	0.213025	1.93637	1.93637	2.86487	11.5202	3.57439	1
cg01921323	DPP6;DPP6	0.0765673	0.590205	0.885946	-1.12874	0.00893795	2.09756	2.09756	0.234042	1.32032	1.32032	0.844866	0.957302	-1.0446	0.28635	0.78144	-1.27969	0.110895	1.47238	1.47238	0.290657	1.27667	1.27667	0.0359255	1.72218	1.72218	0.51358	0.862806	-1.15901	2.86482	2.25108	0.69846	1
cg19697359	EPHA8	0.0765683	0.0781013	0.397207	-2.51758	0.0626293	0.372242	-2.68642	0.883296	1.07174	1.07174	0.234448	0.555516	-1.80013	0.034993	0.313861	-3.18612	0.0730748	0.3895	-2.5674	0.0181637	0.258489	-3.86863	0.0253349	0.285377	-3.50414	0.625358	0.792865	-1.26125	2.8648	10.094	3.13195	1
cg02096001	EIF1	0.0765686	0.10971	0.425656	-2.34932	0.331875	0.612402	-1.63291	0.634036	1.2648	1.2648	0.756921	0.858917	-1.16426	0.881755	1.07563	1.07563	0.0137451	0.224895	-4.44651	0.268967	1.75757	1.75757	0.0673683	2.72924	2.72924	0.133136	2.21142	2.21142	2.8648	10.8862	3.37777	1
cg20216802	MME;MME;MME;MME;MME	0.0765702	0.153157	1.58419	1.58419	0.886908	1.04373	1.04373	0.283094	1.39854	1.39854	0.0260071	2.21364	2.21364	0.310636	1.37096	1.37096	0.261945	1.42165	1.42165	0.0136897	0.399736	-2.50165	0.839113	1.06305	1.06305	0.257094	1.42722	1.42722	2.86477	4.10409	1.27343	1
cg23054188	SEMA6A	0.0765702	0.490629	1.24087	1.24087	0.0111377	2.66651	2.66651	0.0460512	2.02313	2.02313	0.424748	1.28564	1.28564	0.526966	0.820718	-1.21845	0.306275	0.72146	-1.38608	0.349707	0.743263	-1.34542	0.0472437	2.01325	2.01325	0.91223	0.966586	-1.03457	2.86477	4.31039	1.33744	1
cg13559439	DLC1;DLC1	0.0765704	0.043718	6.42316	6.42316	0.0128597	11.9188	11.9188	0.225088	2.77915	2.77915	0.106116	4.11974	4.11974	0.574624	1.57605	1.57605	0.108783	4.0681	4.0681	0.0185052	9.89056	9.89056	0.0411323	6.62129	6.62129	0.251194	2.61631	2.61631	2.86477	29.1998	9.06019	1
cg21803390	E2F3	0.0765705	0.441407	1.41558	1.41558	0.440661	0.706007	-1.41642	0.806465	0.897028	-1.11479	0.932493	1.03822	1.03822	0.0157409	0.269768	-3.70689	0.702806	1.18496	1.18496	0.0367798	2.92696	2.92696	0.123011	0.477239	-2.09538	0.115936	2.13071	2.13071	2.86477	8.8929	2.75931	1
cg12171567	FAM198A	0.0765752	0.0285849	0.244827	-4.08452	0.958504	0.972051	-1.02875	0.0531431	0.302087	-3.3103	0.898131	0.9326	-1.07227	0.00494591	0.131629	-7.59713	0.389744	0.618679	-1.61635	0.0902368	0.361622	-2.76532	0.448187	0.65632	-1.52365	0.214756	0.490908	-2.03704	2.8647	13.4663	4.17845	1
cg22831949	PTPRN2;PTPRN2;PTPRN2	0.07658	0.470674	1.12711	1.12711	0.313476	1.18529	1.18529	0.739976	1.05581	1.05581	0.603105	0.918024	-1.0893	0.937384	0.987271	-1.01289	0.46036	0.884656	-1.13038	0.00495815	1.83423	1.83423	0.662819	1.07416	1.07416	0.0412265	0.681148	-1.46811	2.86462	1.20623	0.374292	1
cg09641642	ST5;ST5;ST5	0.0765809	0.518758	0.881167	-1.13486	0.973224	0.99353	-1.00651	0.00729576	0.512149	-1.95256	0.678263	0.922492	-1.08402	0.474486	1.15104	1.15104	0.0362538	0.624457	-1.60139	0.0778295	1.46081	1.46081	0.570627	0.895081	-1.11722	0.801009	0.952332	-1.05005	2.86461	1.69685	0.526533	1
cg13720890	MELK	0.0765812	0.474473	0.82819	-1.20745	0.0684323	0.589368	-1.69673	0.0248787	0.500589	-1.99765	0.550043	0.854934	-1.16968	0.509741	0.840873	-1.18924	0.604018	0.87319	-1.14523	0.0134891	2.20918	2.20918	0.589104	0.868202	-1.15181	0.313473	0.763236	-1.31021	2.86461	3.04743	0.945618	1
cg04807246	TMED7-TICAM2;TMED7;TMED7-TICAM2	0.0765814	0.32604	0.820149	-1.21929	0.996283	0.99909	-1.00091	0.093555	0.697249	-1.43421	0.0326093	1.63063	1.63063	0.0668232	0.669137	-1.49446	0.117156	1.39485	1.39485	0.737623	0.936375	-1.06795	0.802966	0.952294	-1.0501	0.0777277	1.46716	1.46716	2.8646	1.73447	0.538206	1
cg00512622	ITGB1BP3	0.0765842	0.523196	0.83725	-1.19439	0.893295	0.963827	-1.03753	0.102605	0.612415	-1.63288	0.102139	0.611932	-1.63417	0.0908966	0.599713	-1.66746	0.192282	1.46066	1.46066	0.0378171	1.93716	1.93716	0.161464	0.663313	-1.50758	0.093186	0.602294	-1.66032	2.86456	3.41934	1.06104	1
cg25803642	DNMT3B;DNMT3B;DNMT3B	0.0765842	0.953449	1.01232	1.01232	0.826488	1.04711	1.04711	0.677941	0.916151	-1.09152	0.552372	0.881563	-1.13435	0.053063	0.630681	-1.58559	0.499469	0.866098	-1.1546	0.00172303	0.391467	-2.5545	0.642268	0.906557	-1.10307	0.653102	0.909487	-1.09952	2.86456	1.99506	0.619079	1
cg17697457	GEMIN7;GEMIN7;GEMIN7	0.076585	0.415363	1.12478	1.12478	0.20176	1.20973	1.20973	0.0058141	1.66564	1.66564	0.293262	0.857276	-1.16649	0.402118	0.885929	-1.12876	0.394053	1.13123	1.13123	0.172817	0.814717	-1.22742	0.562663	1.08618	1.08618	0.122389	1.26676	1.26676	2.86455	0.905122	0.280866	1
cg10024484	RALGAPA2	0.0765876	0.296901	2.21744	2.21744	0.00773132	12.4216	12.4216	0.00666489	13.3598	13.3598	0.678942	1.35865	1.35865	0.521014	1.6145	1.6145	0.422125	1.82908	1.82908	0.0876399	4.00806	4.00806	0.234827	2.50163	2.50163	0.720852	1.3024	1.3024	2.86451	24.5996	7.63352	1
cg03602297	ALK	0.0765881	0.799551	0.868989	-1.15076	0.630251	0.765154	-1.30693	0.288878	0.544657	-1.83602	0.276097	0.535133	-1.8687	0.0594228	0.309035	-3.23588	0.0796743	0.341833	-2.92541	0.00433426	0.121952	-8.19998	0.0313648	0.248202	-4.02898	0.196674	0.470788	-2.1241	2.8645	13.8176	4.28777	1
cg00496967	CDRT4	0.0765907	0.103259	0.652221	-1.53322	0.851386	0.956018	-1.04601	0.650125	1.11573	1.11573	0.554225	0.866344	-1.15428	0.0885619	0.637269	-1.5692	0.999625	0.999887	-1.00011	0.0158799	2.03068	2.03068	0.179245	0.710248	-1.40796	0.0508287	0.586515	-1.70498	2.86446	2.60911	0.80965	1
cg08611625	ONECUT3	0.0765909	0.0551155	0.546971	-1.82825	0.010382	0.408378	-2.44871	0.02024	0.459857	-2.17459	0.260263	0.721943	-1.38515	0.0721288	0.572974	-1.74528	0.254583	0.718878	-1.39106	0.0745084	0.576202	-1.7355	0.112831	0.619481	-1.61425	0.101021	0.607562	-1.64592	2.86446	3.49253	1.08379	1
cg21280171	C6orf115	0.0765918	0.296763	0.831726	-1.20232	0.00382652	0.514749	-1.94269	0.480747	0.885083	-1.12984	0.212386	0.799546	-1.25071	0.0409018	0.669035	-1.49469	0.11132	0.744223	-1.34368	0.0594526	0.696034	-1.43671	0.0924546	0.729503	-1.3708	0.498154	0.889471	-1.12426	2.86444	1.31603	0.408387	1
cg25407876	DNAJC9	0.0765921	0.013291	0.167455	-5.97174	0.278342	0.518598	-1.92828	0.230896	0.480904	-2.07942	0.253093	0.498915	-2.00435	0.0822891	0.325873	-3.06868	0.0933089	0.341192	-2.9309	0.0147901	0.174279	-5.73791	0.0292856	0.224068	-4.46293	0.133303	0.389327	-2.56854	2.86444	15.3939	4.777	1
cg14126210	MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2	0.0765926	?	?	?	0.244024	1.87863	1.87863	0.220662	1.94898	1.94898	0.243391	0.531796	-1.88042	0.149021	0.445781	-2.24326	0.856961	1.0962	1.0962	0.0109757	0.170034	-5.88118	0.137739	2.30663	2.30663	0.804107	0.881117	-1.13492	3.40101	11.8098	2.60433	1
cg27319971	C4orf44;C4orf44	0.076595	0.0286211	0.145231	-6.88556	0.173078	0.338487	-2.95432	0.0968431	0.256189	-3.90336	0.049056	0.186579	-5.35965	0.00752147	0.0765211	-13.0683	0.140878	0.30622	-3.26563	0.13196	0.296739	-3.36996	0.181713	0.346709	-2.88427	0.072887	0.224269	-4.45894	2.86439	25.3285	7.86001	1
cg05881135	SYNM;SYNM	0.0765956	0.0197501	0.525273	-1.90377	0.300054	0.782236	-1.27839	0.760859	1.0723	1.0723	0.11056	0.671894	-1.48833	0.0328925	0.565145	-1.76946	0.0840659	0.645883	-1.54827	0.0192699	0.523406	-1.91056	0.0733636	0.63343	-1.57871	0.217234	0.743123	-1.34567	2.86438	2.37261	0.736281	1
cg06111374	GRIN2B	0.0765972	0.832501	0.914238	-1.09381	0.00427664	0.198287	-5.04319	0.142559	0.513097	-1.94895	0.787165	1.12139	1.12139	0.589716	1.2592	1.2592	0.308745	0.640189	-1.56204	0.0584446	0.40446	-2.47243	0.368911	0.676589	-1.478	0.29805	1.57883	1.57883	2.86436	8.13097	2.52326	1
cg06139288	ARHGAP6;ARHGAP6;ARHGAP6;ARHGAP6	0.0765977	0.0252415	0.0562071	-17.7914	0.979978	0.973216	-1.02752	0.86761	0.834857	-1.19781	0.338532	2.90761	2.90761	0.936299	1.09033	1.09033	0.0142563	0.0379961	-26.3185	0.647599	1.64527	1.64527	0.0732361	8.68196	8.68196	0.479846	2.17508	2.17508	2.86435	53.0978	16.4777	1
cg03261272	LOC399959	0.0765981	0.0325923	0.457123	-2.1876	0.28244	1.41847	1.41847	0.706028	0.888161	-1.12592	0.0453293	0.487435	-2.05156	0.744097	1.10796	1.10796	0.0123129	0.376968	-2.65274	0.663548	1.14682	1.14682	0.694589	1.13146	1.13146	0.561517	1.2017	1.2017	2.86435	4.44392	1.37908	1
cg13847113	PRR22;PRR22	0.0766015	0.314519	0.786238	-1.27188	0.551132	0.869845	-1.14963	0.0189983	0.51859	-1.9283	0.903804	0.972431	-1.02835	0.806965	1.05824	1.05824	0.564456	1.14419	1.14419	0.0082187	2.18533	2.18533	0.716942	0.919259	-1.08783	0.581673	1.13731	1.13731	2.86429	2.42535	0.752669	1
cg24801889	NUDT13	0.0766021	0.255263	0.827181	-1.20893	0.100573	0.75026	-1.33287	0.848194	1.03109	1.03109	0.243466	1.21526	1.21526	0.0937557	1.34232	1.34232	0.125996	0.767617	-1.30273	0.0323237	1.49236	1.49236	0.307549	1.1838	1.1838	0.171676	0.792595	-1.26168	2.86429	1.15759	0.359241	1
cg11143152	RNF121;RNF121;RNF121	0.0766033	0.0294624	0.571877	-1.74863	0.058878	0.628136	-1.59201	0.194489	1.34869	1.34869	0.333461	0.804587	-1.24287	0.17078	0.727686	-1.37422	0.0130034	0.510847	-1.95753	0.625287	0.898282	-1.11324	0.268603	0.777924	-1.28547	0.119031	0.691606	-1.44591	2.86427	2.1548	0.668714	1
cg08447387	ASAP1	0.0766037	0.229945	0.621429	-1.60919	0.00350786	0.224126	-4.46177	0.0974128	0.503097	-1.98769	0.600203	1.22108	1.22108	0.557139	0.799106	-1.2514	0.391293	0.717671	-1.3934	0.306259	0.670271	-1.49193	0.0527071	0.435266	-2.29744	0.617811	1.20924	1.20924	2.86426	6.47111	2.00823	1
cg04459343	NUDCD3;NUDCD3	0.076604	0.147716	0.836707	-1.19516	0.103049	1.22716	1.22716	0.269482	1.1411	1.1411	0.149311	0.837376	-1.19421	0.225609	0.864098	-1.15728	0.0103882	0.690428	-1.44838	0.481672	0.921189	-1.08555	0.839591	0.977005	-1.02354	0.320218	1.12513	1.12513	2.86426	0.597679	0.185483	1
cg09044785	TTLL9;DUSP15;DUSP15;DUSP15;TTLL9	0.0766047	0.262991	0.727952	-1.37372	0.0710035	1.74165	1.74165	0.049702	1.85509	1.85509	0.375086	0.781065	-1.2803	0.281236	0.737441	-1.35604	0.0225202	0.467533	-2.13888	0.882484	0.960796	-1.0408	0.623905	1.14312	1.14312	0.209669	1.43383	1.43383	3.07044	3.47941	0.881374	1
cg16331358	WDR37	0.0766063	0.193796	0.563372	-1.77503	0.285305	1.5891	1.5891	0.952306	1.02528	1.02528	0.931112	1.03674	1.03674	0.00567992	0.219996	-4.54553	0.185337	0.556439	-1.79714	0.297583	1.56937	1.56937	0.864018	0.930959	-1.07416	0.057872	0.408644	-2.44712	2.86422	7.90147	2.45216	1
cg24002522	ALCAM	0.0766063	0.379383	1.22302	1.22302	0.0144604	0.510276	-1.95972	0.077245	0.644968	-1.55047	0.625657	1.11601	1.11601	0.639746	0.900106	-1.11098	0.503591	0.859389	-1.16362	0.0248959	1.81479	1.81479	0.753427	1.07288	1.07288	0.708109	0.919463	-1.08759	2.86422	2.26093	0.701661	1
cg27507545	LDB1	0.0766078	0.169398	0.874571	-1.14342	0.0331814	1.25603	1.25603	0.121689	1.16603	1.16603	0.756378	0.971911	-1.0289	0.332182	1.09592	1.09592	0.903698	1.01114	1.01114	0.0680909	1.20569	1.20569	0.0122256	1.33082	1.33082	0.753872	1.02921	1.02921	2.8642	0.380222	0.118	1
cg24896805	INADL	0.0766091	0.493936	0.902108	-1.10852	0.0380883	1.42837	1.42837	0.118083	0.777506	-1.28616	0.428903	1.12723	1.12723	0.0702416	0.740728	-1.35002	0.76497	1.04547	1.04547	0.0345099	1.44143	1.44143	0.916698	1.01564	1.01564	0.211542	0.822679	-1.21554	2.86418	0.997672	0.309624	1
cg26580761	MAD1L1;MAD1L1;MAD1L1	0.0766091	0.109909	1.7883	1.7883	0.645124	0.856681	-1.1673	0.0517082	0.477789	-2.09297	0.156253	1.65851	1.65851	0.0469221	0.468274	-2.1355	0.200331	1.57024	1.57024	0.822746	0.92789	-1.07771	0.0628203	2.01021	2.01021	0.764554	1.10538	1.10538	2.86418	5.04732	1.56642	1
cg07124719	GDEP	0.0766103	0.357986	1.19778	1.19778	0.269008	1.2458	1.2458	0.00405541	0.4787	-2.08899	0.57742	0.898114	-1.11344	0.308356	0.817671	-1.22299	0.84139	1.03899	1.03899	0.185088	1.30777	1.30777	0.283845	1.23685	1.23685	0.832009	0.960256	-1.04139	2.86416	1.65342	0.513136	1
cg24780966	C18orf1;C18orf1;C18orf1;C18orf1;C18orf1;C18orf1	0.076611	0.0439354	5.56324	5.56324	0.202938	2.70812	2.70812	0.352424	2.03251	2.03251	0.103996	3.73439	3.73439	0.0425239	5.64751	5.64751	0.158794	3.05387	3.05387	0.00747952	12.8372	12.8372	0.0596331	4.83341	4.83341	0.0694201	4.50619	4.50619	2.86415	24.922	7.73454	1
cg10986814	MAN2A1;MAN2A1	0.0766113	0.434503	0.722728	-1.38365	0.471278	0.741991	-1.34772	0.560788	1.27063	1.27063	0.030734	0.355794	-2.81061	0.0767142	0.448566	-2.22933	0.680757	1.18349	1.18349	0.0200159	3.13618	3.13618	0.368406	1.45676	1.45676	0.318998	1.52103	1.52103	2.86415	7.52224	2.33453	1
cg08190615	SIK3	0.0766115	0.413102	1.26932	1.26932	0.307965	1.35089	1.35089	0.869882	1.04783	1.04783	0.113231	1.63438	1.63438	0.0143123	0.422818	-2.36508	0.112685	1.63582	1.63582	0.0860825	1.71696	1.71696	0.0888886	1.70714	1.70714	0.915981	1.03053	1.03053	2.86414	3.68483	1.14359	1
cg26467471	DIP2C	0.0766137	0.200337	2.46938	2.46938	0.0915337	3.46137	3.46137	0.146059	2.83719	2.83719	0.133863	2.94583	2.94583	0.333879	1.94654	1.94654	0.0635274	4.03166	4.03166	0.00665847	10.5164	10.5164	0.059451	4.14432	4.14432	0.0295945	5.53784	5.53784	2.86411	20.2569	6.28683	1
cg03145042	ANKS1B;ANKS1B;ANKS1B	0.0766139	0.571996	0.923181	-1.08321	0.0671283	1.3327	1.3327	0.302456	1.16127	1.16127	0.511844	0.911082	-1.0976	0.672616	1.06129	1.06129	0.210691	1.20274	1.20274	0.00624316	1.64687	1.64687	0.185395	0.821548	-1.21721	0.188358	1.21542	1.21542	2.86411	0.888669	0.275803	1
cg19828748	XRCC3;XRCC3;XRCC3	0.0766141	0.89585	1.04463	1.04463	0.3231	1.40534	1.40534	0.57506	0.827912	-1.20786	0.0349971	2.26846	2.26846	0.392749	1.33898	1.33898	0.62881	0.850097	-1.17634	0.0595933	0.492216	-2.03163	0.762074	1.10654	1.10654	0.0114005	2.87446	2.87446	2.8641	5.04237	1.56492	1
cg03702236	SEMA5A	0.076616	0.0567007	7.25375	7.25375	0.552163	1.73765	1.73765	0.0828195	5.83916	5.83916	0.0946235	5.40727	5.40727	0.160716	0.252471	-3.96085	0.47534	1.94809	1.94809	0.403588	2.1928	2.1928	0.00830605	22.1889	22.1889	0.177215	3.73423	3.73423	2.86407	38.2817	11.881	1
cg09729924	OSBPL5;OSBPL5;OSBPL5	0.0766172	0.731393	0.88125	-1.13475	0.0445815	0.429089	-2.33052	0.24978	0.64323	-1.55465	0.920925	0.964229	-1.0371	0.00193502	0.200032	-4.99919	0.531093	0.792344	-1.26208	0.379708	0.718498	-1.39179	0.92883	1.03332	1.03332	0.758711	0.893121	-1.11967	2.86406	6.10497	1.89474	1
cg10241147	FAM54B;FAM54B;FAM54B;LOC646471;FAM54B	0.0766178	0.815654	1.0617	1.0617	0.635685	0.884845	-1.13014	0.406254	1.24336	1.24336	0.0899532	1.61469	1.61469	0.696007	1.1059	1.1059	0.745802	0.919993	-1.08697	0.0036712	0.365326	-2.73728	0.316943	1.30372	1.30372	0.467758	1.20854	1.20854	2.86405	2.98116	0.925238	1
cg06416026	PPFIBP2	0.0766185	0.25937	1.20662	1.20662	?	?	?	0.716291	0.943726	-1.05963	0.0445463	1.45339	1.45339	0.075092	0.72639	-1.37667	0.142771	0.776763	-1.28739	0.215512	1.23167	1.23167	0.126227	1.3042	1.3042	0.0910863	1.34937	1.34937	3.10509	1.07628	0.303292	1
cg26383454	HERV-FRD;LOC221710	0.0766196	0.20598	1.17692	1.17692	0.788401	1.03339	1.03339	0.093993	1.25213	1.25213	0.0804627	0.789189	-1.26712	0.723423	1.04434	1.04434	0.661171	1.05533	1.05533	0.0058617	1.55332	1.55332	0.489898	0.917922	-1.08942	0.297548	1.14095	1.14095	2.86402	0.676306	0.209901	1
cg27480580	TNPO2	0.07662	0.35181	1.23429	1.23429	0.0262848	1.78418	1.78418	0.730894	1.0788	1.0788	0.283183	1.27757	1.27757	0.091555	0.664882	-1.50403	0.0170774	0.527969	-1.89405	0.575481	0.883123	-1.13234	0.748465	0.931763	-1.07323	0.627969	1.11324	1.11324	2.86401	2.18901	0.679393	1
cg09241885	C20orf118	0.0766204	0.634759	0.793173	-1.26076	0.236743	1.82257	1.82257	0.304387	0.597486	-1.67368	0.875085	0.926655	-1.07915	0.00811174	0.193734	-5.16173	0.135582	0.458936	-2.17895	0.0174389	0.246262	-4.06072	0.284503	0.583729	-1.71312	0.234128	0.54666	-1.82929	2.86401	10.6345	3.30057	1
cg03712270	HCN4	0.0766209	0.034603	0.309799	-3.2279	0.0324401	0.303931	-3.29023	0.10169	0.426477	-2.34479	0.289879	0.593053	-1.68619	0.0309805	0.299809	-3.33546	0.268537	0.578042	-1.72998	0.0196542	0.261721	-3.82087	0.037188	0.316476	-3.15979	0.235412	0.553526	-1.8066	2.864	10.2609	3.18465	1
cg00636769	GNASAS	0.0766211	0.801635	0.941863	-1.06173	0.144802	0.688926	-1.45153	0.0157345	0.494504	-2.02223	0.709676	1.09306	1.09306	0.168506	1.41783	1.41783	0.0304278	0.545918	-1.83178	0.770625	1.07204	1.07204	0.087329	0.638192	-1.56693	0.167801	0.704841	-1.41876	2.864	2.56786	0.796977	1
cg03558676	CHTF18	0.0766226	0.0989244	1.38404	1.38404	0.372104	1.17895	1.17895	0.713847	0.935979	-1.0684	0.306123	1.20967	1.20967	0.5696	1.10876	1.10876	0.00805039	0.543438	-1.84014	0.0738834	0.699151	-1.43031	0.360737	0.844685	-1.18387	0.739145	0.941733	-1.06187	2.86397	1.46385	0.454333	1
cg10822172	CREB5	0.0766233	0.0739378	1.58434	1.58434	0.560509	1.14567	1.14567	0.0338477	1.77254	1.77254	0.0261148	1.84013	1.84013	0.974791	0.992726	-1.00733	0.363714	1.24069	1.24069	0.106772	0.665749	-1.50207	0.319811	0.788583	-1.2681	0.153467	1.42351	1.42351	2.86396	2.42124	0.75148	1
cg17554464	SPRYD4	0.0766237	0.629287	0.89263	-1.12029	0.319532	1.27151	1.27151	0.863167	0.96052	-1.0411	0.281625	1.2986	1.2986	0.0875108	0.643736	-1.55343	0.0566332	0.604203	-1.65507	0.0115671	0.478402	-2.09029	0.17546	1.39994	1.39994	0.668384	0.90427	-1.10586	2.86396	2.47327	0.767632	1
cg16732901	C19orf45	0.076625	0.354665	0.704584	-1.41928	0.919079	0.963321	-1.03808	0.12442	0.542399	-1.84366	0.107328	1.90851	1.90851	0.119563	0.537353	-1.86098	0.4125	0.734836	-1.36085	0.254705	0.645766	-1.54855	0.011406	3.20408	3.20408	0.622885	0.833377	-1.19994	2.86394	6.13344	1.90365	1
cg13985436	CD164L2	0.0766261	0.588806	1.17243	1.17243	0.705881	0.895374	-1.11685	0.804558	0.930281	-1.07494	0.430773	1.26416	1.26416	0.00548691	0.344959	-2.8989	0.566392	1.18405	1.18405	0.0548546	1.88649	1.88649	0.795619	0.927129	-1.0786	0.149993	0.637729	-1.56806	2.86392	3.85382	1.19613	1
cg09732255	MYT1L	0.0766271	0.5286	0.868177	-1.15184	0.328609	1.25015	1.25015	0.580143	0.883628	-1.1317	0.197851	0.739802	-1.35171	0.365488	1.22861	1.22861	0.0937633	1.50391	1.50391	0.00475372	2.29366	2.29366	0.202977	1.3466	1.3466	0.764442	0.935624	-1.06881	2.8639	2.22381	0.690219	1
cg00476986	TAPBP;TAPBP;TAPBP;TAPBP;TAPBP;TAPBP	0.0766278	0.173318	0.534234	-1.87184	0.0626887	2.4752	2.4752	0.196434	0.553763	-1.80583	0.0297006	0.330445	-3.02622	0.196924	0.554162	-1.80453	0.0833621	0.436321	-2.29189	0.0372756	0.351318	-2.84643	0.811828	0.901949	-1.10871	0.238785	0.586337	-1.7055	2.86389	8.49247	2.63587	1
cg16182881	SNORD115-15;SNORD115-21;SNORD115-26	0.0766305	0.0309353	0.131316	-7.61521	0.0127398	0.0837414	-11.9415	0.515748	0.589759	-1.69561	0.650938	0.694214	-1.44048	0.055276	0.175346	-5.70302	0.168181	0.308272	-3.24389	0.426885	1.91562	1.91562	0.398845	0.500517	-1.99793	0.0338908	0.13744	-7.27592	2.86385	29.1215	9.03879	1
cg10590842	NR3C2;NR3C2	0.0766305	0.0857878	0.750071	-1.33321	0.77157	0.956867	-1.04508	0.335857	1.16219	1.16219	0.0600988	0.725266	-1.3788	0.691918	0.94146	-1.06218	0.297735	0.849169	-1.17762	0.0126957	1.59859	1.59859	0.73951	0.950715	-1.05184	0.157146	0.795203	-1.25754	2.86385	1.04051	0.322956	1
cg23083074	PPM1K	0.0766306	0.658786	0.855614	-1.16875	0.00825865	3.27144	3.27144	0.0181514	2.73632	2.73632	0.352359	1.39908	1.39908	0.675446	0.862645	-1.15923	0.173544	1.6621	1.6621	0.421277	1.33412	1.33412	0.049815	2.19255	2.19255	0.494554	1.27557	1.27557	2.86385	5.58447	1.73332	1
cg25072666	NPLOC4	0.076631	0.0617392	0.264968	-3.77404	0.822194	0.867553	-1.15267	0.618479	0.728391	-1.37289	0.0331526	0.207615	-4.81661	0.00621748	0.105231	-9.50292	0.137124	0.363942	-2.74769	0.0506115	0.2451	-4.07996	0.173702	0.40106	-2.49339	0.18284	0.409721	-2.44069	2.86384	18.0728	5.6095	1
cg00508024	CTXN2	0.0766356	0.0573436	0.240949	-4.15025	0.0312087	5.33085	5.33085	0.0391856	4.85352	4.85352	0.551981	0.671446	-1.48932	0.361225	1.86133	1.86133	?	?	?	0.648514	1.35498	1.35498	0.330336	1.94435	1.94435	0.127718	2.97473	2.97473	2.89982	17.8882	6.16873	1
cg04358834	SDK1	0.0766399	0.249756	0.624686	-1.60081	0.104241	0.499201	-2.0032	0.146094	0.543162	-1.84107	0.740287	0.87799	-1.13897	0.00968987	0.277986	-3.59731	0.0332636	0.377809	-2.64684	0.0437121	0.403766	-2.47668	0.0779457	0.464777	-2.15157	0.0545234	0.426032	-2.34724	2.86371	6.9397	2.15407	1
cg19981005	ZAR1L	0.0766409	0.617911	0.892893	-1.11995	0.0115156	0.490683	-2.03798	0.0695187	0.632959	-1.57988	0.859276	0.96081	-1.04079	0.690136	1.09448	1.09448	0.601248	1.12613	1.12613	0.167564	1.3929	1.3929	0.0326872	0.569481	-1.75598	0.25895	0.766957	-1.30385	2.86369	2.30172	0.714453	1
cg02033669	RPTOR;RPTOR	0.0766413	0.020303	0.18702	-5.34701	0.330635	0.547979	-1.82489	0.0824625	0.315808	-3.16648	0.866655	1.10595	1.10595	0.0105579	0.145503	-6.87271	0.269957	0.50241	-1.9904	0.260013	0.494583	-2.0219	0.0649159	0.288781	-3.46283	0.0479591	0.257997	-3.87601	2.86369	16.2853	5.05496	1
cg23230554	CTSF	0.0766423	0.0492299	0.238692	-4.1895	0.615418	0.723785	-1.38163	0.631849	1.36081	1.36081	0.33686	0.531558	-1.88126	0.0254656	0.183667	-5.44464	0.0279901	0.190737	-5.24282	0.759206	0.821834	-1.21679	0.0436493	0.227579	-4.39408	0.0312116	0.199202	-5.02003	2.86367	18.473	5.73406	1
cg12296605	ZFPM2	0.0766435	0.544044	1.08257	1.08257	0.0605959	1.31434	1.31434	0.923083	1.01255	1.01255	0.529738	1.08572	1.08572	0.370358	1.1262	1.1262	0.83656	1.02705	1.02705	0.0104473	0.659367	-1.51661	0.350591	0.883269	-1.13216	0.0604628	0.760705	-1.31457	2.86365	0.757015	0.23498	1
cg10687006	FAM188B	0.0766448	0.0348452	0.67345	-1.48489	0.113906	0.758464	-1.31845	0.129404	0.768455	-1.30131	0.371509	0.862868	-1.15893	0.32201	0.848359	-1.17875	0.00869559	0.58421	-1.71171	0.0159133	0.622141	-1.60735	0.116596	0.760276	-1.31531	0.432274	0.879126	-1.13749	2.86363	1.17186	0.363753	1
cg12933587	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.0766456	0.934789	1.02201	1.02201	0.0234441	0.486558	-2.05525	0.239161	0.720347	-1.38822	0.126113	1.55331	1.55331	0.370185	0.782799	-1.27747	0.175611	1.46703	1.46703	0.0736668	0.588244	-1.69998	0.161027	0.671412	-1.4894	0.196644	1.43803	1.43803	2.86362	3.21148	0.996868	1
cg03946899	ARRDC4	0.0766463	0.0630224	0.748535	-1.33594	0.820529	1.03197	1.03197	0.96677	0.994247	-1.00579	0.0299875	0.702158	-1.42418	0.682668	1.05858	1.05858	0.18979	0.82502	-1.21209	0.0067482	0.614826	-1.62648	0.799076	1.03596	1.03596	0.686759	1.05775	1.05775	2.86361	0.869972	0.270047	1
cg06818532	BBX;BBX	0.0766489	0.0517879	0.205498	-4.86624	0.0944076	0.268614	-3.72282	0.027439	0.154905	-6.45556	0.0344027	0.171353	-5.83591	0.114057	0.292585	-3.41781	0.225157	0.402216	-2.48623	0.022465	0.141612	-7.06153	0.110464	0.288364	-3.46784	0.0427323	0.188691	-5.29967	2.86357	23.1809	7.19565	1
cg15480305	MXD4	0.0766509	0.542697	0.619903	-1.61315	0.471838	0.566681	-1.76466	0.217925	2.73414	2.73414	0.664034	0.712373	-1.40376	0.031053	0.140243	-7.13048	0.0525931	0.180838	-5.5298	0.00841783	0.0734201	-13.6203	0.351924	0.475486	-2.10311	0.156547	0.308487	-3.24163	2.86354	27.3133	8.47849	1
cg04050763	ZFP91;LPXN;ZFP91-CNTF	0.0766526	0.641449	0.951921	-1.05051	0.0294991	1.30906	1.30906	0.00666237	1.44758	1.44758	0.434073	0.919559	-1.08748	0.750548	1.03408	1.03408	0.581114	0.94313	-1.0603	0.630002	0.950282	-1.05232	0.244255	0.879862	-1.13654	0.459899	1.08226	1.08226	2.86351	0.500617	0.155401	1
cg15331500	TEF;TEF	0.0766526	0.898181	1.05074	1.05074	0.0503192	2.36921	2.36921	0.0355561	2.57533	2.57533	0.00584218	4.0359	4.0359	0.763252	1.12388	1.12388	0.691393	1.16679	1.16679	0.786029	0.900146	-1.11093	0.10327	1.9916	1.9916	0.134261	1.86693	1.86693	2.86351	6.77841	2.10415	1
cg20392842	HLA-DMB	0.076654	0.139367	0.23359	-4.281	0.00754451	0.0431748	-23.1617	0.0134146	0.0608756	-16.4269	0.0778488	0.166748	-5.99708	0.121979	0.216032	-4.62894	0.398912	0.454086	-2.20223	0.0874463	0.178221	-5.611	0.454796	0.498599	-2.00562	0.655784	0.663576	-1.50699	2.86349	37.897	11.764	1
cg17827614	PFDN6;WDR46;WDR46	0.0766541	0.12883	0.473658	-2.11123	0.324755	0.629405	-1.5888	0.107392	0.449306	-2.22565	0.23311	0.565967	-1.76689	0.0781349	0.410202	-2.43782	0.0890347	0.425767	-2.3487	0.00670414	0.2017	-4.95785	0.027983	0.306651	-3.26104	0.0633695	0.386525	-2.58715	2.86349	9.40061	2.91815	1
cg04016730	NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;NFKBIL1;ATP6V1G2	0.0766556	0.423683	0.66872	-1.49539	0.157166	2.10648	2.10648	0.0203771	3.96164	3.96164	0.818388	0.892916	-1.11993	0.263952	0.563591	-1.77434	0.0394818	0.309474	-3.23129	0.192671	0.50714	-1.97184	0.411062	0.661044	-1.51276	0.253267	1.79962	1.79962	2.86347	10.9977	3.41396	1
cg09433588	FGF17	0.076656	0.0363766	2.32987	2.32987	0.112108	1.82485	1.82485	0.429128	1.32397	1.32397	0.0837703	1.94518	1.94518	0.348307	1.39895	1.39895	0.0170662	2.74846	2.74846	0.582419	1.21298	1.21298	0.0757781	0.503002	-1.98806	0.808593	1.08804	1.08804	2.86346	5.48227	1.70183	1
cg18543871	DMPK;DMPK;DMPK;DMPK	0.0766566	0.0352573	1.70288	1.70288	0.850568	1.04179	1.04179	0.221891	0.756763	-1.32142	0.236256	1.3092	1.3092	0.0891403	0.665664	-1.50226	0.0282095	1.75509	1.75509	0.737315	1.07581	1.07581	0.673151	1.09648	1.09648	0.149722	0.715141	-1.39833	2.86345	2.1372	0.66344	1
cg24747427	ABI2	0.0766576	0.226509	0.426702	-2.34356	0.109928	0.310788	-3.21763	0.847511	1.13782	1.13782	0.141195	2.89008	2.89008	0.00943488	0.110063	-9.08571	0.89211	0.913003	-1.09529	0.0647692	0.248786	-4.01952	0.362137	1.87428	1.87428	0.286175	0.475747	-2.10196	2.86344	20.3996	6.33258	1
cg15419054	NPEPPS	0.0766585	0.0668242	0.826648	-1.2097	0.154064	0.868167	-1.15185	0.427297	0.927657	-1.07798	0.31133	1.10191	1.10191	0.0444073	0.807428	-1.2385	0.53254	0.943112	-1.06032	0.0263718	1.27632	1.27632	0.147907	0.866039	-1.15468	0.799653	0.976713	-1.02384	2.86343	0.389285	0.120845	1
cg16124935	SHANK2	0.0766592	0.984163	1.01811	1.01811	0.00451276	30.616	30.616	0.0377692	8.82888	8.82888	0.424383	2.09074	2.09074	0.170422	0.267196	-3.74258	0.500533	1.85547	1.85547	0.552758	0.58107	-1.72096	0.628219	1.55444	1.55444	0.80881	1.245	1.245	2.86341	37.0609	11.5048	1
cg23494015	C14orf38	0.076662	0.0998341	4.66708	4.66708	0.0959138	4.76886	4.76886	0.0467125	6.99614	6.99614	0.335968	0.428476	-2.33385	0.0465126	7.01207	7.01207	0.584345	0.623807	-1.60306	0.778836	0.786229	-1.27189	0.0359974	8.03394	8.03394	0.074139	5.4738	5.4738	2.86337	33.0928	10.2732	1
cg19592502	SEMA3C	0.0766624	0.505017	0.766928	-1.3039	0.432876	1.36886	1.36886	0.879937	0.942428	-1.06109	0.537854	0.782932	-1.27725	0.00506761	0.233717	-4.27868	0.599747	0.812428	-1.23088	0.0605751	2.29345	2.29345	0.947404	1.02622	1.02622	0.11921	0.515125	-1.94128	2.86337	6.97919	2.16658	1
cg15718494	VSIG10L	0.0766664	0.0333614	0.253684	-3.94191	0.136857	0.413132	-2.42054	0.142078	0.41867	-2.38852	0.253642	1.93021	1.93021	0.33284	0.576335	-1.7351	0.387529	0.613498	-1.63	0.00687746	0.145097	-6.89196	0.97729	1.01583	1.01583	0.163415	0.440202	-2.27168	2.8633	13.7994	4.28391	1
cg04637478	PCDHGA4;PCDHGA1;PCDHGA6;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHGA2;PCDHGB2;PCDHGB3	0.0766666	0.0947906	5.11405	5.11405	0.0805178	5.60136	5.60136	0.0296518	9.73316	9.73316	0.0493885	7.34072	7.34072	0.0435006	7.87347	7.87347	0.855548	0.850462	-1.17583	0.130101	4.27721	4.27721	0.0190775	12.452	12.452	0.132955	4.22459	4.22459	2.8633	35.8279	11.1225	1
cg14488391	OAZ2	0.0766668	0.0622008	0.610408	-1.63825	0.0445816	1.71991	1.71991	0.0798975	1.57921	1.57921	0.122796	0.674938	-1.48162	0.395148	0.814838	-1.22724	0.0640236	0.612992	-1.63134	0.873082	1.0383	1.0383	0.530115	1.1613	1.1613	0.781565	1.06754	1.06754	2.8633	2.50706	0.778298	1
cg17641104	CDK17;CDK17;CDK17;CDK17	0.0766675	0.804936	0.967935	-1.03313	0.839695	1.02703	1.02703	0.485892	1.09775	1.09775	0.407916	0.894501	-1.11794	0.0490867	1.34431	1.34431	0.782849	1.03706	1.03706	0.00513637	0.614575	-1.62714	0.713516	0.952594	-1.04976	0.23373	1.17872	1.17872	2.86329	0.786643	0.244208	1
cg03214297	PICK1;PICK1;PICK1;PICK1;PICK1;PICK1	0.0766683	0.0918668	1.92028	1.92028	0.694094	0.870248	-1.1491	0.122891	1.79982	1.79982	0.0149473	0.349198	-2.86371	0.259602	1.51207	1.51207	0.769049	1.10907	1.10907	0.0536016	2.16114	2.16114	0.290928	1.47008	1.47008	0.37137	1.38086	1.38086	2.86328	5.60566	1.74025	1
cg10586756	NUP93	0.0766698	0.379758	1.3163	1.3163	0.0229853	0.436254	-2.29224	0.0726111	0.542834	-1.84218	0.816949	0.931722	-1.07328	0.267935	1.42188	1.42188	0.114787	1.68724	1.68724	0.0483376	1.98999	1.98999	0.943213	1.02197	1.02197	0.584475	1.18346	1.18346	2.86325	4.21884	1.30973	1
cg08438690	PPM1M;PPM1M	0.0766703	0.463444	0.828288	-1.20731	0.0390975	1.82721	1.82721	0.576178	1.15322	1.15322	0.519461	0.848021	-1.17922	0.0204606	0.494076	-2.02398	0.291708	1.31809	1.31809	0.44575	1.21679	1.21679	0.128265	1.51445	1.51445	0.141122	0.670625	-1.49115	2.86324	2.88987	0.897153	1
cg24797471	IER2	0.076671	0.0285887	0.290195	-3.44596	0.435295	0.68899	-1.4514	0.994858	1.00301	1.00301	0.353419	0.639262	-1.5643	0.205866	0.533777	-1.87344	0.434477	1.45241	1.45241	0.0847953	0.405186	-2.468	0.00502765	0.1633	-6.12369	0.865189	0.923769	-1.08252	3.06928	10.3596	2.62519	1
cg11136969	ENTPD4;ENTPD4	0.0766732	0.534211	1.24713	1.24713	0.00719613	3.37707	3.37707	0.630797	1.18516	1.18516	0.137182	1.75354	1.75354	0.0303492	2.44247	2.44247	0.247745	1.52795	1.52795	0.0185628	2.7221	2.7221	0.143696	1.73522	1.73522	0.241521	1.53737	1.53737	2.8632	5.58071	1.73255	1
cg01419788	ITPK1;ITPK1;ITPK1	0.0766746	0.375486	0.879289	-1.13728	0.0163822	1.5143	1.5143	0.118665	1.27069	1.27069	0.250788	1.18497	1.18497	0.682339	0.943461	-1.05993	0.738645	1.0485	1.0485	0.0235315	0.682114	-1.46603	0.342955	1.14818	1.14818	0.664967	1.06356	1.06356	2.86318	0.907068	0.281604	1
cg23018707	C12orf35	0.0766757	0.125611	3.08471	3.08471	0.768068	1.2226	1.2226	0.435649	0.582447	-1.7169	0.0433218	4.85232	4.85232	0.260086	2.22187	2.22187	0.399521	1.79702	1.79702	0.0129254	8.14244	8.14244	0.0152441	7.57723	7.57723	0.239148	2.31121	2.31121	2.86316	20.9436	6.50209	1
cg22283148	LSM6	0.0766762	0.124786	0.828317	-1.20727	0.57104	1.06705	1.06705	0.0219513	1.36555	1.36555	0.887789	0.984124	-1.01613	0.784194	0.969363	-1.03161	0.912082	0.987559	-1.0126	0.157311	0.842467	-1.18699	0.0131644	0.705791	-1.41685	0.828871	0.975762	-1.02484	2.86315	0.582626	0.180881	1
cg05958510	DUSP6;DUSP6	0.0766768	0.719945	0.957388	-1.04451	0.989365	1.00161	1.00161	0.0294416	1.36368	1.36368	0.765789	0.964512	-1.03679	0.308848	1.13586	1.13586	0.05283	0.766282	-1.305	0.194183	0.846929	-1.18074	0.0400112	1.33253	1.33253	0.173891	1.19122	1.19122	2.86315	0.663407	0.20596	1
cg17013888	FMNL2	0.0766772	0.580074	1.48921	1.48921	0.0129406	9.01075	9.01075	0.0419755	5.31298	5.31298	0.160863	2.90754	2.90754	0.0665299	4.33289	4.33289	0.204504	2.59642	2.59642	0.0215021	7.15631	7.15631	0.0956988	3.68448	3.68448	0.0636885	4.41759	4.41759	2.86314	23.0275	7.14911	1
cg08927631	C5orf33;C5orf33	0.0766781	0.181152	0.634867	-1.57513	0.839636	0.937214	-1.06699	0.290332	1.42077	1.42077	0.39408	1.32229	1.32229	0.0284441	0.43709	-2.28786	0.852779	1.06125	1.06125	0.0646553	1.94287	1.94287	0.157672	1.62174	1.62174	0.0607237	0.508314	-1.96729	2.86312	4.64423	1.44185	1
cg24409808	JMJD1C;JMJD1C	0.0766799	0.419749	0.830536	-1.20404	0.034355	1.74361	1.74361	0.0185662	1.90205	1.90205	0.0319352	1.76157	1.76157	0.517502	1.15928	1.15928	0.389491	0.819853	-1.21973	0.667128	1.10237	1.10237	0.924938	0.978998	-1.02145	0.0828561	1.54123	1.54123	2.8631	2.3005	0.714223	1
cg19403720	GLIS1	0.0766825	0.339003	1.20099	1.20099	0.210474	0.78253	-1.27791	0.0213101	0.597942	-1.6724	0.631413	0.914092	-1.09398	0.164101	0.758881	-1.31773	0.779528	0.949185	-1.05354	0.0139623	1.75808	1.75808	0.81732	0.957912	-1.04394	0.954192	0.989381	-1.01073	2.86306	1.56596	0.48618	1
cg10998291	C3orf21	0.0766831	0.089716	0.568355	-1.75946	0.703086	0.890772	-1.12262	0.180108	0.65054	-1.53718	0.766858	1.09396	1.09396	0.974564	1.00968	1.00968	0.45607	0.795108	-1.25769	0.0165586	0.413085	-2.42081	0.019826	2.3387	2.3387	0.707696	0.892466	-1.12049	2.86305	4.1366	1.28429	1
cg11947011	KCND3;KCND3	0.0766837	0.310629	0.819619	-1.22008	0.721247	1.07029	1.07029	0.00904342	1.87598	1.87598	0.525299	1.12981	1.12981	0.593116	0.902791	-1.10768	0.381189	1.18567	1.18567	0.748036	0.940719	-1.06302	0.0288488	0.613442	-1.63014	0.241634	1.26161	1.26161	2.86304	1.63021	0.506132	1
cg09954385	ARHGAP8;ARHGAP8;PRR5-ARHGAP8	0.0766851	0.0355449	29.6899	29.6899	0.0973524	12.4395	12.4395	0.138223	9.13077	9.13077	0.42785	3.07	3.07	0.0286094	35.8151	35.8151	0.308186	4.31255	4.31255	0.0143064	65.7203	65.7203	0.048061	22.8981	22.8981	0.0523852	21.2622	21.2622	2.86302	87.0619	27.0303	1
cg03421300	SFN	0.0766893	0.10436	1.59688	1.59688	0.967331	1.01086	1.01086	0.394985	0.79479	-1.25819	0.711254	1.10299	1.10299	0.0489007	0.552732	-1.8092	0.168378	1.47252	1.47252	0.00821819	2.43846	2.43846	0.968842	1.01035	1.01035	0.73862	1.0923	1.0923	2.86295	3.1515	0.978478	1
cg22375853	BCAS3;BCAS3	0.0766898	0.0189406	0.159422	-6.27266	0.954798	0.964037	-1.0373	0.583573	0.699282	-1.43004	0.153863	0.372886	-2.68179	0.01954	0.161466	-6.19324	0.0821537	0.288117	-3.47082	0.0145586	0.143065	-6.98984	0.462038	0.616449	-1.62219	0.159633	0.37871	-2.64055	2.86295	18.9306	5.87759	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg26367275	PTCHD2	0.0766905	0.0546763	2.03182	-3.42677	0.688219	0.796047	-1.25621	0.907458	0.55047	-1.81663	0.422441	0.629372	-1.58889	0.0255847	0.223396	-4.47635	0.47504	0.663335	-1.50753	0.00458473	0.118528	-8.43685	0.1138	0.4302017	-2.49366	0.1027511	0.3664622	34.74728	2.86294	14.4786	4.49533	1
cg22770815	ALOX5	0.0766906	0.0776354	0.579765	-1.72484	0.0498619	1.86212	1.86212	0.56057	0.849105	-1.17771	0.457176	0.810215	-1.23424	0.0154547	0.437873	-2.28377	0.635606	1.14188	1.14188	0.670913	0.887988	-1.12614	0.114589	1.61121	1.61121	0.805209	1.07109	1.07109	2.86294	3.503401	1.08762	1
cg20965297	FANCA;FANCA	0.0766908	0.4177753	1.26681	1.26681	0.137992	1.57799	1.57799	0.643612	1.14232	1.14232	0.771409	1.08676	1.08676	0.2111108	0.686404	-1.45687	0.494191	1.2193	1.2193	0.00433452	0.3365931	-2.97095	0.559763	1.18344	1.18344	0.2999838	1.35906	1.35906	2.86293	3.659445	1.1483	1
cg10493202	RGS12;RGS12;RGS12	0.0766909	0.0209947	0.281372	-3.55402	0.0990206	0.4380024	-2.28256	0.688657	0.832071	-1.20182	0.863449	0.924458	-1.08174	0.0159134	0.328248	-3.04648	0.284609	0.602161	-1.66063	0.0104813	0.2268849	-4.35057	0.0860391	0.4207017	-2.37693	0.123452	0.466913	2.14117	2.86293	9.44604	2.93283	1
cg17673237	FAM155A	0.0766911	0.0119241	2.79951	2.79951	0.844003	0.937764	-1.06637	0.435	0.770036	-1.29864	0.3421	1.3787	1.3787	0.0385217	0.533421	-1.87469	0.153363	1.65132	1.65132	0.0758581	0.522981	-1.92108	0.57112	0.8287911	-1.30658	0.0773342	0.0991818	1.09918	2.86293	4.88043	1.51529	1
cg22634689	TMEM121	0.0766914	0.3061664	1.19969	1.19969	0.0968759	1.2825	1.2825	0.507588	0.912304	-1.09613	0.0397649	0.722839	-1.38435	0.107866	1.17067	1.17067	0.195425	1.20557	1.20557	0.0260956	0.142682	1.42982	1.42982	0.392092	1.12717	1.12717	0.2388465	1.18344	1.18344	2.86292	0.845244	0.262434	1
cg07278181	FOXP1;FOXP1	0.0766915	0.9604311	1.02637	1.02637	0.0130975	5.02337	5.02337	0.219259	0.507803	-1.96927	0.188465	0.481472	-2.07696	0.525453	0.713555	-1.40143	0.627369	1.29249	1.29249	0.0704944	0.346344	-2.88731	0.122135	2.40807	2.40807	0.285379	0.558771	-1.78964	2.86292	12.475	3.87329	1
cg03655389	TPPP	0.0766918	0.647764	1.07479	-1.51955	0.0182666	1.83058	1.83058	0.733517	1.07638	-1.07638	0.480981	0.8569645	-1.16322	0.923155	1.020075	-1.02075	0.0282088	0.578737	-1.7279	0.0490858	0.146603	1.64603	1.64603	0.582407	0.889423	-1.12432	0.679905	0.91616	-1.09153	2.86289	2.03979	0.627119	1
cg07989629	FAM101A	0.0766963	0.0881531	0.684971	-1.45992	0.0741899	1.701044	-1.96791	0.0717306	0.728627	-1.37244	0.0527799	0.70706	-1.41431	0.1108353	0.760691	-1.31459	0.296677	0.843351	-1.18575	0.0692673	1.37716	1.37716	0.0306724	0.633034	0.931226	-1.07385	0.26285	1.12416	0.349041	1
cg12003496	FAM90A7	0.0766975	0.11926	0.550101	-1.81785	0.273838	0.668621	-1.49562	0.0057124	0.277719	-3.60076	0.921592	1.03542	1.03542	0.154631	0.583588	-1.71354	0.327614	0.699614	-1.42936	0.340615	0.706692	-1.41504	0.991485	1.00378	1.00378	0.013062	0.336742	-2.96963	2.86283	5.66607	1.75928	1
cg08975921	ERICH1	0.0766998	0.78203	1.07893	1.07893	0.0182666	1.24218	1.24218	0.0317853	1.63424	1.63424	0.232325	1.2009	1.2009	0.160168	1.22935	1.22935	0.594043	1.11533	1.11533	0.1633083	0.7353599	1.35939	1.35939	0.0249057	1.10868	0.913166	0.978112	1.02258	2.8628	1.8664	0.579512	1
cg15770933	D2HGDH	0.0767032	0.179601	0.808751	-1.23647	0.250627	0.8163001	-1.95574	0.8913299	1.0202	1.02001	0.26001	1.22334	1.22334	0.117129	0.776095	-1.2885	0.199365	1.22376	1.22376	0.0078864	1.6612	1.6612	0.988396	0.997837	-1.00217	0.6389424	0.932043	-1.07291	2.86284	1.00548	0.312205	1
cg18024584	GIA8	0.0767043	0.146523	0.489864	-2.06956	0.0637077	0.287347	-3.42331	0.0221487	0.278682	-3.57287	0.982743	0.990514	-1.00998	0.0836983	0.505453	-1.97383	0.441209	1.43442	1.43442	0.1864618	0.5203941	-1.9086	0.0914007	0.425742	-2.34984	0.0402395	0.19251	-2.85288	2.86272	9.56029	2.97053	1
cg17172066	LOC284632	0.0767046	0.370424	0.644823	-1.55081	0.502021	1.38523	-1.38523	0.514017	2.08082	2.08082	0.130925	2.19064	2.19064	0.0158208	0.234334	-4.26741	0.293476	0.6814	0.6814	0.0372538	0.24202	3.24202	3.24202	0.902009	0.943152	-1.06027	0.623686	0.790385	-1.26521	1.06866	10.7404	2.72223	1
cg07241984	C3orf52	0.0767065	0.585021	0.860314	-1.16237	0.2120306	0.4254626	-2.35042	0.430743	0.802972	-1.24537	0.341073	0.765147	-1.30694	0.1314372	0.64128	-1.55938	0.402044	0.791354	-1.26366	0.0623965	0.378095	-2.64484	0.250731	0.720749	-1.38744	0.477248	1.21796	1.21796	2.86269	3.17543	1.0481	1
cg05069185	FKBP5	0.0767081	0.0412899	0.743988	-1.36057	0.23371	0.849016	-1.1765	0.136965	1.23152	1.23152	0.0790232	0.774846	-1.29058	0.0229484	0.700522	-1.42745	0.210914	0.84626	-1.18168	0.233103	1.17767	1.17767	0.633823	0.9393158	-1.06478	0.281612	0.86384	-1.15762	2.86267	0.79718	0.240869	1
cg15060115	CHST1	0.0767082	0.8164551	0.937181	-1.06703	0.6884441	0.5659963	-1.7669	0.0460873	0.528442	-1.89234	0.763794	1.08774	1.08774	0.345292	0.762434	-1.31159	0.442265	1.24437	1.24437	0.0117037	2.40842	2.40842	0.750472	1.09312	1.09312	0.36317	0.770443	-1.29795	2.86267	3.53043	1.09624	1
cg03689376	NEUROD2	0.0767088	0.447512	1.44553	1.44553	0.509427	1.37514	1.37514	0.162656	2.03306	2.03306	0.3332	0.621803	-1.60823	0.105336	0.430732	-2.32163	0.0739109	0.387388	-2.58139	0.115968	0.4445795	-2.24932	0.022133	3.69106	3.69106	0.0907367	1.05607	1.05607	2.86267	10.1724	3.38969	1
cg02045493	ANO6;ANO6;ANO6;ANO5	0.0767102	0.0804439	0.30406	-3.28881	0.0704827	0.1184525	-4.43701	0.027013	0.200377	-4.99058	0.414433	0.5997777	-1.66896	0.0625134	0.270501	-3.622	0.102234	0.33354	-2.99814	0.0615346	0.277823	-3.59942	0.387582	0.580588	-1.72239	0.56692	0.759983	-1.31582	2.86264	17.0897	5.30659	1
cg19391384	7-Mar	0.0767125	0.0309496	0.123423	-8.10222	0.119728	0.248044	-4.03154	0.521757	0.584939	-1.70958	0.112966	0.24058	-4.15663	0.0156619	0.0865824	-11.5497	0.572573	0.624452	-1.60141	0.0107276	0.0707948	-14.1253	0.527977	0.589755	-1.69562	0.108705	0.235781	-4.24123	2.8626	30.9206	9.60141	1
cg20.5323448	C20orf3	0.0767145	0.5173811	0.753242	-1.32936	0.185677	0.7446661	-1.83486	0.3618409	1.44324	1.44324	0.0411033	2.77939	2.77939	?	?	?	?	?	?	0.495564	0.740924	-1.34967	0.265389	0.562771	-1.77731	0.903519	0.94876	-1.05401	2.86334	6.82128	2.6486	1
cg04898195	NPHP4	0.0767176	0.6346889	0.839117	-1.19171	0.208962	1.62474	1.62474	?	?	?	?	0.9016002	1.04637	0.6437222	0.833746	-1.19941	0.567653	0.809216	-1.23576	0.00278549	0.22073	-4.53041	0.934676	0.970406	-1.0305	0.40496	1.3665	1.3665	2.89454	5.47985	1.89056	1
cg14241672	SLI9	0.0767177	0.3417718	0.833046	-1.20041	0.12636	0.7446661	-1.58117	0.0645487	0.653756	-1.52962	0.202064	1.3855	1.3855	0.0104838	1.63672	1.63672	0.2089599	0.7993	0.7993	0.0005511	0.10953	9.12955	9.12955	0.0139556	1.32554	0.2882511	0.0994221	0.1421	2.8626	13.8381	4.25252	1
cg21825577	LOC145814;LOC145814	0.0767183	0.2954997	1.20449	1.20449	0.882365	1.02572	1.02572	0.488671	0.88635	-1.12822	0.431652	0.871407	-1.14757	0.274668	0.822892	1.21523	0.436315	0.872668	-1.14591	0.026849	1.56787	1.56787	0.0128196	1.69116	1.69116	0.258091	0.816775	1.22433	2.86251	1.33353	0.414097	1
cg17783174	SH3BP4	0.0767185	0.299251	0.763282	-1.31013	0.79689	0.937296	-1.0669	0.0475321	0.566059	-1.7666	0.345667	1.27615	1.27615	0.0031601	0.431393	-2.31807	0.0834513	0.68112	-1.46781	0.0719265	0.605616	-1.65121	0.575506	1.15263	1.15263	0.251364	0.740162	-1.35106	2.86251	2.85787	0.88745	1
cg07596845	IBTK	0.0767194	0.5985201	1.11926	1.11926	0.264835	0.785004	-1.27378	0.354178	1.23177	1.23177	0.136965	1.22312	1.22312	0.0790232	0.774846	-1.29058	0.0229484	0.700522	-1.42745	0.1855315	0.962372	-1.0391	0.8666666	1.1254	1.1254	0.0501123	0.583587	-1.71354	0.512589	0.869753	-1.14975	0.8425	2.00173	0.621594	0.2514597	1
cg08839374	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.0767199	0.660305	1.08484	1.08484	0.525521	1.12575	1.12575	0.112957	0.727861	-1.37389	0.4778	0.875567	-1.14212	0.0290591	0.622703	-1.6059	0.582626	0.902858	-1.10759	0.015127	1.7325	1.7325	0.20149	1.28192	1.28192	0.874715	0.973366	-1.02948	2.86249	1.53688	0.477251	1
cg06018361	CLDN1	0.0767209	0.627031	0.776464	-1.29123	0.5024427	1.37514	1.37514	0.162656	2.03306	2.03306	0.3332	0.621803	-1.60823	0.105336	0.430732	-2.32163	0.0739109	0.387388	-2.58139	0.115968	0.4445795	-2.24932	0.022133	3.69106	3.69106	0.0907367	1.05607	1.05607	2.86267	10.1724	3.38969	1
cg02445808	MRPL23	0.0767211	0.545583	0.822045	-1.21648	0.1145403	0.3628393	-2.75563	0.678173	0.875077	-1.14276	0.724282	0.892739	-1.12015	0.0056699	0.312655	-3.19842	0.840971	0.937666	-1.06615	0.3566498	0.8613965	1.16121	0.1505648	0.8407	1.19066	0.0156429	0.1049	1.04929	2.86247	2.65287	1.44487	1
cg00702849	GJD2	0.0767214	0.81428	0.941379	-1.06227	0.8805489	0.608008	-1.64471	0.787767	1.07173	1.07173	0.88428	1.03809	1.03809	0.328887	0.772063	-1.29523	0.352077	0.78205	-1.27869	0.072655	0.5980394	-1.67215	0.0070458	2.44534	2.44534	0.655127	0.891002	-1.12233	0.86246	2.98766	0.927765	1
cg03128635	ATOH8	0.0767219	?	?	?	?	0.1931823	-2.07317	0.7894609	0.83422	-1.19872	0.6987152	1.009869	1.009869	0.2773939	2.77939	?	?	?	?	0.4949564	0.6482192	0.979964	-1.02075	0.1124785	0.333096	-3.00238	0.4121286	0.774231	1.37407	0.16211	2.8625	0.162211	0.0555	1
cg03185571	SPATA21	0.0767228	0.0968132	0.25659	-3.89727	0.437087	0.553436	-1.80689	0.0263363	0.140036	-7.14102	0.0717239	0.230319	-4.48392	0.1177939	0.31645	-3.58735	0.0689556	0.218967	-4.56689	0.0494646	0.187692	-5.32787	0.0623345	0.214907	-4.65317	0.0670925	0.216196	-4.62542	2.86244	25.2478	7.84033	1
cg14328254	ZNF615	0.0767237	0.3427318	0.830946	-1.20401	0.12636	0.7446661	-1.58117	0.0645487	0.653756	-1.52962	0.202064	1.3855	1.3855	0.0104838	1.63672	1.63672	0.2089599	0.7993	0.7993	0.0005511	0.10953	9.12955	9.12955	0.0139556	1.32554	0.2882511	0.0994221	0.1421	2.8626	13.8381	4.25252	1
cg25202877	EHMT2;EHMT2	0.0767237	0.462927	1.13953	1.13953	0.539722	0.897149	-1.11464	0.5449	0.89842	-1.11306	0.455004	1.14228	1.14228	0.0102304	0.567832	-1.76108	0.0884733	0.719966	-1.38895	0.39802	1.16332	1.16332	0.106535	1.36081	1.36081	0.118955	0.743009	-1.34425	2.86243	1.35484	0.430229	1
cg01881062	KLHL21	0.0767243	0.154771	0.472802	-2.11505	0.0972665	0.405355	-2.44765	0.0598493	0.351897	-2.84181	0.118936	0.434983	-2.29894	0.0238953	0.265609	-3.76494	0.364124	0.978119	-1.02237	0.0792568	2.60737	0.60737	0.131002	0.448406	-2.23012	0.230426	0.538557	-1.85681	2.86242	10.9684	3.40608	1
cg09926747	COL25A1;COL25A1	0.0767258	0.6058283	0.845288	-1.18286	0.2400743	0.7186158	-1.39184	0.0833	0.1030838	1.63672	1.63672	0.1687796	1.79939	0.0125244	1.0005	1.0005	0.3190863	0.87962	-1.13666	0.0117903	0.644223	-1.55226	0.957761	0.9910944	-1.00812	0.857373	0.97297	-1.02778	2.8624	1.0271	0.328305	1
cg22330497	UBXN2B	0.0767259	0.6499886	0.931352	-1.07371	0.0281109	0.667822	-1.4974	0.0605103	0.719287	-1.39026	0.163405	0.793291	-1.26057	0.717971	0.945101	-1.05809	0.1205336	0.769406	-1.2997	0.0239014	1.52129	1.52129	0.749396	0.953332	-1.05116	0.953541	1.00911	1.00911	2.8624	1.09866	0.341179	1
cg07637599	GPR133	0.0767277	0.150289	0.476998	-2.09655	0.0776355	0.3444317	-2.90355	0.107975	0.464872	-2.15126	0.0535155	0.2139017	-4.67337	0.0178936	0.229013	-4.36912	0.215034	0.59448	-1.68227	0.0135477	0.1225923	-8.15602	0.0203572	0.2294888	-4.35971	0.0202722	0.0779727	0.77727	2.86241	3.19121	0.824838	0.2384853	1
cg04332422	STON2	0.0767278	0.0289719	0.39057	-2.56036	0.0502187	0.2620332	-3.84125	0.0773564	0.487263	-2.0483	0.576743	0.813903	-1.22865	0.928471	0.03333	0.03333	0.205265	0.631841	-1.62909	0.0434141	0.468159	-2.13603	0.942144	0.973844	-1.02686	0.418846	0.739599	-1.35208	2.86236	0.45048	0.187726	1
cg21747160	LMBR1L	0.0767305	0.879271	0.956815	-1.04513	0.258957	1.40784	1.40784	0.0140555	2.41224	2.41224	0.607372	1.16245	1.16245	0.0582576	0.537104	-1.86184	0.953497	1.01708	1.01708	0.194953	0.671554	-1.48908	0.25777	0.709648	-1.40915	0.1012299	0.16387	1.66387	0.86233	3.8239	1.1875	1
cg12863379	PBK	0.0767306	0.1509782	0.479755	-2.08496	0.1076736	0.2158252	-4.63335	0.0178	0.185626	-5.38626	0.0599309	0.1983887	-5.04172	0.0458718	0.188877	-5.29512	-1.73396	0.4918718	0.8887	-1.12539	0.508979	0.9050587	1.10474	0.1074	0.4232687	2.36373	0.0979727	0.2294883	0.43483	2.8624	1.19121	0.344383	0.1
cg01590470	LOC13924O	0.0767316	0.4420885	0.778276	-1.28489	0.0027298	0.266296	-3.75522	0.119251	0.58233	-1.71724	0.729191	1.11756	1.11756	0.0425713	0.4739	-2.11015	0.626334	0.854765	-1.16991	0.263265	0.68867	-1.45207	0.185442	0.638211	-1.56688	0.380052	0.749775	-1.33373	2.86231	4.63682	1.43996	1
cg06061049	GEN1;SMC5;SMC5;GEN1	0.0767331	0.525581	0.849552	-1.17747	0.2666366	0.6866	0.6866	0.1249	1.34493	1.34493	0.0880705	1.5447	1.5447	0.0153837	1.222334	1.222334	0.1038527	1.38407	1.38407	0.147287	0.752857	-1.32827	0.0427084	0.8605624	-1.162	0.1458506	0.12902	2.86217	0.42384	0.1
cg04992335	BCOR;BCOR	0.0767357	0.0584937	0.513439	-1.94765	0.912201	0.1054	0.1054	0.017091	0.403912	-2.47579	0.190086	1.72446	1.72446	0.437444	0.781122	1.28021	0.0908435	0.55938	-1.78769	0.625516	1.16578	1.16578	0.396242	1.31118	1.31118	0.285412	1.43141	1.43141	2.86225	4.40864	1.36913	1
cg08137888	FAM110A;FAM110A;FAM110A	0.0767364	0.0317466	0.354106	-2.82415	0.1142404	0.5126136	-1.95449	0.0302448	0.141402	-7.07953	0.0648473	0.2304014	-4.33992	0.1500765	0.317132	-3.15303	0.0929533	0.14042	-7.12209	0.0062991	0.1676	0.4939312	-2.02409	0.0169454	0.1104	-9.05611	0.0042004	0.0098153	0.11394	2.8622	12.3402	4.08603	1
cg08444667	SH3BP2;SH3BP2	0.0767409	0.0358861	0.370741	-2.6973	0.0244597	0.33633	-2.97327	0.0224822	0.1826	-5.47583	0.0678713	0.257071	-3.89077	0.1134775	0.353549	-2.83006	0.1505561	0.534543	-1.87076	0.0183784	0.362325	-2.75995	0.0707382	0.440054	-2.27245	0.262177	0.749052	0.73629	2.8622	2.75	0.74905	0.32629	1
cg26481302	NHS1;NHS1	0.0767429	0.882973	1.08247	1.08247	0.0893197	2.73993	2.73993	0.238907	1.94176	1.94176	0.122364	2.4615	2.4615	0.0358134	0.268733	-3.72117	0.450747	0.661378	-1.51199	0.374667	1.63271	1.63271	0.0179549	4.69802	4.69802	0.583889	1.3466	1.3466	2.86214	13.121	4.07498	1
cg21767295	C15orf21	0.0767432	0.0915591	0.380159	-2.63109	0.0616244	0.2203914	-4.53402	0.0202301	0.165673	-6.03693	0.0415041	0.1980643	-5.04955	0.0178132	0.249213	-4.01243	0.0424106	0.1736	-5.7666	0.0133846	0.0531489	-18.8238	0.0266021	0.1679582	-5.95486	0.0222813	0.0344564	-29.0253	2.8621	8.34544	2.49981	1
cg23782218	SPIRE2	0.0767436	0.352247	0.81077	-1.2334	0.0043774	0.302478	2.30247	0.0940087	0.49703	-1.49703	0.555591	1.13956	1.13956	0.311631	1.25782	1.25782	0.07392	1.54727	1.54727	0.0904603	1.50497	1.50497	0.627381	1.11315	1.11315	0.887986	0.969588	-1.03137	2.86213	2.17672	0.676022	1
cg20737225	DFI-DEK	0.0767436	0.139486	0.537459	-1.86042	0.0427437	0.1837955	-5.19338	0.0144795	0.165546	-6.04345	0.0415041	0.1980643	-5.04955	0.0178132	0.249213	-4.01243	0.073405	0.11452	-8.73195	0.0018637	0.1564419	-6.39439	0.0268446	1.24243	1.24243	0.202479	1.57891	1.57891	2.86213	7.9255	2.64408	1
cg04535826	BSN	0.0767446	0.70958	1.29284	1.29284	0.0252783	12.491	12.491	0.00752696	10.6045	10.6045	0.573396	1.47789	1.47789	0.493316	1.61228	1.61228	0.273423	2.187	2.187	0.920571	1.07088	1.07088	0.9722	0.976359	-1.02421	0.597541	1.44194	1.44194	2.86211	21.3673	6.63206	1
cg08444306	P4	0.0767451	0.4409558	1.21848	1.21848	0.143565	0.672001	-1.48809	0.409056	0.814863	1.77223	0.1724824	2.00294	2.00294	0.0602164	2.00294	0.164504	0.688698	-1.45202	0.158461	1.46097	0.449035	1.21409	0.214909	0.207138	1.39729	1.39729	2.8621	1.86648	0.890246	1
cg14859324	GABRB3;GABRB3	0.0767481	0.102843	1.97356	1.97356	0.00876191	0.280303	-3.56757	0.58433	1.23424	1.23424	0.148983	1.8032	1.8032	0.176298	1.72918	1.72918	0.496657	1.30071	1.30071	0.0945353	2.01391	2.01391	0.77606	1.11476	1.11476	0.55148	1.258	1.258	2.86206	6.57788	2.04294	1
cg26986921	RAB11FIP1;RAB11FIP1	0.0767489	0.462059	0.613398	-1.6356	0.4852297	1.59358	1.59358	0.0998897	2.38676	2.38676	0.535591	1.51024	1.51024	0.535213	1.51083	1.51083	0.282553	2.083	2.083	0.4403099	1.55983	-1.67062	0.0992262	0.4668	16.4668	0.8092111	1.17229	1.17229	2.86205	19.5757	6.07978	1
cg22296620	SORD;SORD	0.0767571	?	?	0.87619	1.14245	1.14245	0.8909118	0.886647	-1.81868	-1.12531	?	?	?	?	?	?	0.659175	1.46302	1.46302	0.3737244	0.749647	-1.33396	0.0903992	0.0258858	-38.6761	0.164815	0.266877	-3.74704	3.94622	27.8689	5.88515	1
cg00875013	SERTAD3	0.0767527	0.2865553	0.782349	-1.1782	0.137523	0.701364	-1.42579	0.335709	1.24629	1.24629	0.432369	1.19449	1.19449	0.568534	0.880009	-1.13635	0.414057	0.890948	-1.20344	0.572284	0.881122	-1.13492	0.00518167	0.441103	-2.26704	0.12584	1.44393	1.44393	2.86199	2.22974	0.692523	1
cg18052222	OTOP2	0.0767536	0.441397	0.599154	-1.66903	0.0161244	0.2039314	-4.90402	0.0202301	0.165673	-6.03693	0.0415041	0.1980643	-5.04955	0.0178132	0.249213	-4.01243	-1.37352	0.0898057	0.229201	-4.36271	0.1557133	0.5345	-1.87082	0.1814645	0.4457227	-2.24351	0.26197	1.07397	0.9939	-1.00607	2.86199	0.99	0.329	1
cg25651422	6.7;ATG7;AFG	0.076759	0.0139675	0.500961	-1.99616	0.790588	0.941203	-1.06247	0.0801039	1.55596	1.55596	0.0361742	0.574259	-1.74137	0.247967	0.759574	-1.31653	0.354583	1.24215	1.24215	0.375147	0.812818	-1.23029	0.449292	1.1919	1.1919	0.943039	0.983862	-1.0164	2.86189	2.3497	0.729804	1
cg22995114	ID2	0.0767652	0.0479255	0.630046	-1.58719	0.292798	1.24976	1.24976	0.441749	1.17379	1.17379	0.0138757	0.53738	-1.86088	0.081394	0.673941	-1.48381	0.385937	0.833959	1.1991	0.390977	1.19669	1.19669	0.167054	0.70414	-1.35109	0.569404	1.12464	1.12464	2.8618	1.89148	0.587502	1
cg10362613	SH2D4A	0.0767658	0.0584100	0.445408	-2.24513	0.0155115	0.325393	-3.07321	0.993954	1.00287	1.00287	0.67464	1.17313	1.17313	0.0263738	0.369385	-2.7072	0.171044	0.576241	-1.73539	0.0426166	0.413619	-2.41768	0.105846	0.512705	-1.95044	0.865258	0.937788	-1.06634	2.86179	6.48277	2.01359	1
cg24130459	AHRR	0.0767682	0.0722732	0.4833	-2.06911	0.0977473	0.3417663	-2.92763	0.0757075	0.47647	-2.09857	0.572933	0.7997682	-1.25055	0.0190838	0.63672	-1.57097	0.1644591	0.44955	-2.22407	0.0130802	0.2979142	-3.35997	0.0298072	0.4488227	-2.22907	0.0132905	0.0884131	-11.3104	2.86175	1.66122	0.51599	1
cg14597148	MAP2K5;MAP2K5	0.0767712	0.9248021	1.01344	1.01344	0.522777	1.09588	1.09588	0.0936973	1.26769	1.26769	0.0975221	0.7731552	-1.29307	0.4155684	0.893666	-1.11899	0.953974	1.00819	1.00819	0.0245381	0.684785	-1.46031	0.316666	1.15759	1.15759	0.0378776	1.40542	1.40542	2.86171	0.9050707	0.281326	1
cg11705651	UBE2G2;UBE2G2	0.0767712	0.0312341	0.309858	-3.22756	0.414288	0.5184	-1.92934	0.0550421

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22835630	SNORD115-29;SNORD115-36;SNORD115-43;SNORD115-11	0.0768615	0.626706	1.27558	1.27558	0.227036	1.87725	1.87725	0.699134	0.824598	-1.21271	0.222288	0.528905	-1.8907	0.0123476	0.212884	-4.69739
cg26908946	MCART2	0.0768645	0.166725	2.01159	2.01159	0.806723	1.12322	1.12322	0.254058	0.568575	-1.75878	0.0465941	0.339481	-2.94567	0.334684	0.623962	-1.60266
cg03701341	NKAIN3	0.0768645	0.100362	0.578708	-1.72799	0.565597	1.19301	1.19301	0.0893262	0.565956	-1.76692	0.00276941	0.28537	-3.50423	0.641892	0.867353	-1.15293
cg18382590	ODF2;ODF2	0.0768694	0.330975	0.859304	-1.16373	0.518434	1.10403	1.10403	0.128473	1.28195	1.28195	0.554114	1.09468	1.09468	0.408472	1.13633	1.13633
cg03042666	HDAC4	0.0768694	0.208353	2.32709	2.32709	0.00552228	10.1997	10.1997	0.00985712	7.9797	7.9797	0.63986	0.740758	-1.34997	0.71406	1.26407	1.26407
cg02467054	FAM100A;FAM100A	0.0768769	0.266811	1.99061	1.99061	0.0477739	0.24781	-4.03535	0.89794	0.927512	-1.07815	0.817089	1.14559	1.14559	0.234009	0.475158	-2.10456
cg03922834	OTOP1	0.0768779	0.0423883	0.218179	-4.58339	0.0345174	0.200764	-4.98096	0.371286	0.549973	-1.81827	0.596517	0.706118	-1.41619	0.0396841	0.212436	-4.7073
cg26422472	FLI1;FLI1	0.0768779	0.621263	0.927845	-1.07777	0.048256	1.40413	1.40413	0.690628	0.941615	-1.06201	0.177894	0.806307	-1.24022	0.46573	0.894374	-1.1181
cg16705546	IRF8	0.0768781	0.299729	0.574137	-1.74174	0.115498	2.41924	2.41924	0.151729	0.452503	-2.20993	0.170074	0.470256	-2.1265	0.00639799	0.160131	-6.24489
cg15280728	LRGUK	0.0768781	0.548874	0.878861	-1.13784	0.0217437	1.79754	1.79754	0.0795708	1.51323	1.51323	0.666636	1.09665	1.09665	0.630835	1.10858	1.10858
cg19314470	RBPMS;RBPMS;RBPMS;RBPMS	0.0768786	0.249091	0.633185	-1.57932	0.0283598	0.374666	-2.66905	0.343482	0.690596	-1.44802	0.171247	0.575443	-1.73779	0.00417066	0.233072	-4.29052
cg03813033	AKT1S1;TBC1D17;AKT1S1;AKT1S1;TBC1D17;AKT1S1	0.07688	0.255523	1.44855	1.44855	0.98313	0.993421	-1.00662	0.795913	1.08428	1.08428	0.656234	0.869484	-1.15011	0.0409826	0.478887	-2.08818
cg18166862	FAM78B	0.076881	0.112231	0.623181	-1.60467	0.693467	1.11442	1.11442	0.018734	0.45884	-2.17941	0.348793	0.76814	-1.30185	0.0306884	0.49945	-2.0022
cg04755607	CPEB3	0.0768811	0.0165918	0.171573	-5.82841	0.0999241	0.337513	-2.96284	0.0166132	5.82554	5.82554	0.40342	0.597427	-1.67385	0.981402	1.01414	1.01414
cg13785949	NAF1;NAF1;NAF1;NAF1	0.0768815	0.960179	1.02529	1.02529	0.78415	0.871464	-1.14749	0.198065	2.02609	2.02609	0.338578	1.65445	1.65445	0.00986244	0.14574	-6.86155
cg08103551	CAPN5;CAPN5	0.0768822	0.264914	0.529698	-1.88787	0.894671	0.930118	-1.07513	0.398059	0.622995	-1.60515	0.58405	0.739065	-1.35306	0.324148	0.572989	-1.74524
cg01589629	WIZ	0.0768869	0.895017	0.962337	-1.03914	0.582183	1.17537	1.17537	0.314098	0.738803	-1.35354	0.0586934	1.86072	1.86072	0.096603	0.588355	-1.69965
cg01791785	SDK1	0.0768875	0.202232	0.778822	-1.28399	0.810725	1.04555	1.04555	0.804303	1.04717	1.04717	0.361614	0.840209	-1.19018	0.0134481	0.566567	-1.76502
cg05053403	FBRSL1	0.0768878	0.891366	1.03988	1.03988	0.535252	1.19686	1.19686	0.159232	0.650151	-1.53811	0.858026	0.950044	-1.05258	0.0076111	0.374489	-2.6703
cg16797901	DOCK4	0.0768883	0.989244	0.991996	-1.00807	0.0146745	5.99609	5.99609	0.0528007	3.71489	3.71489	0.266709	1.99352	1.99352	0.109208	0.352987	-2.83296
cg17756288	FMO5;FMO5;FMO5;FMO5;FMO5;FMO5	0.0768902	0.455247	1.0922	1.0922	0.0542301	1.28832	1.28832	0.226879	0.863183	-1.1585	0.404337	1.10401	1.10401	0.273201	1.14138	1.14138
cg15443128	CARD14;CARD14	0.0768904	0.558746	0.914464	-1.09354	0.109337	0.767962	-1.30215	0.121888	0.776032	-1.28861	0.548903	1.09606	1.09606	0.771123	1.0451	1.0451
cg24916345	ZNF780A;ZNF780A;ZNF780A;ZNF780A	0.0768918	0.885291	0.957677	-1.04419	0.212861	1.48147	1.48147	0.496583	0.813187	-1.22973	0.733121	1.10797	1.10797	0.0025397	0.285105	-3.50748
cg06020727	ATP11A;ATP11A	0.0768936	0.0533253	0.322886	-3.09707	0.0331298	0.27726	-3.60672	0.24492	0.53451	-1.87087	0.781103	0.866354	-1.15426	0.00387722	0.134897	-7.41307
cg00954578	HMBOX1;HMBOX1	0.0768955	0.258835	0.753461	-1.32721	0.0206296	0.511775	-1.95398	0.0305876	0.543082	-1.84134	0.0489018	0.582531	-1.71665	0.297557	1.29626	1.29626
cg02968301	C16orf89;C16orf89	0.0768982	0.0826996	0.53193	-1.87995	0.197029	1.56517	1.56517	0.0653129	0.506804	-1.97315	0.293829	0.699301	-1.43	0.0167537	0.383258	-2.60921
cg18599124	PCK2;PCK2	0.0768994	0.184884	0.70184	-1.42483	0.478252	1.19904	1.19904	0.23099	0.728797	-1.37213	0.138368	0.669184	-1.49436	0.118229	0.65242	-1.53275
cg08094571	SLC35E1	0.0769008	0.0250649	0.224098	-4.46233	0.66045	0.780303	-1.28155	0.501936	0.682204	-1.46584	0.108839	0.374798	-2.6681	0.0159685	0.190976	-5.23627
cg19117322	ARHGAP23	0.076901	0.100134	0.590755	-1.69275	0.0439188	0.508364	-1.9671	0.0269374	0.465086	-2.15014	0.339664	0.750113	-1.33313	0.0266251	0.464095	-2.15473
cg25767433	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.0769014	0.718192	0.87307	-1.14538	0.00245334	4.84679	4.84679	0.0732388	2.11328	2.11328	0.336816	1.44907	1.44907	0.599842	0.82014	-1.2193
cg20341535	SCN4B;SCN4B;SCN4B;SCN4B	0.0769019	0.102649	2.75149	2.75149	0.00519904	8.08674	8.08674	0.0254261	4.50632	4.50632	0.864946	0.908028	-1.10129	0.227573	2.05011	2.05011
cg16343401	GFAP;GFAP	0.0769024	0.0749486	0.186318	-5.36716	0.91876	0.917192	-1.09028	0.664285	0.690756	-1.44769	0.248949	0.360238	-2.77594	0.0254397	0.105375	-9.48991
cg25946304	S1PR5;S1PR5	0.0769026	0.267278	0.634988	-1.57483	0.0246474	0.349416	-2.86192	0.127733	0.523544	-1.91006	0.491474	1.31599	1.31599	0.0560202	0.427177	-2.34095
cg07519515	SYNGR3	0.0769028	0.40563	0.807538	-1.23833	0.498159	0.841323	-1.1886	0.0956237	1.58395	1.58395	0.129903	0.662961	-1.50838	0.0621077	0.589959	-1.69503
cg26641935	CD109;CD109;CD109	0.0769033	0.209569	1.16465	1.16465	0.0641587	1.27092	1.27092	0.580975	0.937767	-1.06636	0.882759	1.01715	1.01715	0.181175	1.17776	1.17776
cg06922496	JPH3	0.0769034	0.407154	0.907957	-1.10137	0.0507195	1.28854	1.28854	0.687348	1.04715	1.04715	0.604431	0.942225	-1.06132	0.403879	1.10215	1.10215
cg07642595	LAMP1	0.076904	0.405489	0.651906	-1.53396	0.0301641	3.60246	3.60246	0.110644	2.39622	2.39622	0.474261	0.693613	-1.44173	0.0261881	0.265523	-3.76615
cg02421597	PCDHGA4;PCDHGA1;PCDHGA6;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHGA2;PCDHGB2;PCDHGB3	0.076904	0.0382928	2.95598	2.95598	0.0204344	3.52987	3.52987	0.106568	2.21559	2.21559	0.272529	1.67463	1.67463	0.0759265	2.43925	2.43925
cg16699850	FASN	0.0769046	0.142107	0.78895	-1.26751	0.279808	1.18383	1.18383	0.630254	0.929739	-1.07557	0.111519	1.29739	1.29739	0.861703	1.02654	1.02654
cg16724811	PDXDC1	0.0769048	0.0981822	0.560287	-1.7848	0.45533	0.784393	-1.27487	0.549792	0.824269	-1.2132	0.668378	0.871423	-1.14755	0.00401275	0.290933	-3.43722
cg19307543	MYOM2	0.0769051	0.072868	1.60824	1.60824	0.636105	0.892986	-1.11984	0.667257	0.902389	-1.10817	0.918129	1.02472	1.02472	0.0180695	1.9777	1.9777
cg03547812	AQP8	0.0769059	0.118162	0.715509	-1.39761	0.0123502	1.84905	1.84905	0.144988	1.36186	1.36186	0.690308	0.924016	-1.08223	0.828602	0.958121	-1.04371
cg25813193	SNCA;SNCA;SNCA;SNCA	0.0769083	0.71294	0.953083	-1.04923	0.022918	0.70194	-1.42462	0.03807	0.731492	-1.36707	0.875602	1.02058	1.02058	0.614717	1.06823	1.06823
cg04529538	FUT5	0.0769117	0.0320335	0.227788	-4.39004	0.514929	1.47534	1.47534	0.0611393	0.288596	-3.46506	0.10553	0.352947	-2.83329	0.0265772	0.212663	-4.70228
cg04947065	RNASEH1	0.0769144	0.0824449	0.607509	-1.64607	0.587459	1.15248	1.15248	0.936538	1.02085	1.02085	0.126822	0.651912	-1.53395	0.0142896	0.457141	-2.18751
cg27573593	PIK3CD	0.076916	0.656613	0.798947	-1.25165	0.957256	0.973472	-1.02725	0.415866	0.658925	-1.51762	0.85266	0.910954	-1.09775	0.00138787	0.0978058	-10.2243
cg23074119	ALKBH1;C14orf156	0.0769166	0.951514	0.992095	-1.00797	0.753654	0.959743	-1.04195	0.223923	1.18147	1.18147	0.661087	0.944047	-1.05927	0.061582	0.759708	-1.31629
cg06064179	PLEKHM1P	0.0769203	0.257446	1.53809	1.53809	0.0140837	0.331526	-3.01636	0.152194	0.571911	-1.74852	0.145165	0.56556	-1.76816	0.818924	1.08713	1.08713
cg11263497	WDR35;WDR35	0.076921	0.0813827	0.571277	-1.75046	0.470357	1.2372	1.2372	0.715514	0.899347	-1.11192	0.0394055	0.501253	-1.995	0.129292	0.621863	-1.60807
cg16270051	PAR1	0.0769221	0.791878	0.894161	-1.11837	0.281152	0.622608	-1.60615	0.0501864	2.5715	2.5715	0.594945	0.796921	-1.25483	0.0793547	0.43874	-2.27926
cg08055612	HAO2;HAO2	0.0769224	0.947242	0.976252	-1.02433	0.465378	0.763506	-1.30975	0.0121328	0.321243	-3.11291	0.0945195	0.512988	-1.94936	0.00699058	0.281678	-3.55015
cg23993005	IFIT3;IFIT3	0.0769225	0.899261	1.01942	1.01942	0.0967458	0.758119	-1.31905	0.876915	1.02382	1.02382	0.133275	0.781935	-1.27888	0.210965	0.818581	-1.22163
cg05555640	PHRF1	0.0769229	0.486489	0.881283	-1.13471	0.0265442	0.625042	-1.59989	0.35532	0.843714	-1.18524	0.937596	0.986103	-1.01409	0.664377	0.924943	-1.08115
cg19582265	EBI3	0.076925	0.515315	0.811867	-1.23173	0.0055284	0.316012	-3.16444	0.6515	0.866189	-1.15448	0.132511	0.598795	-1.67002	0.0393868	0.470978	-2.12324
cg03887008	UBE2I;UBE2I;UBE2I;UBE2I	0.0769269	0.0156713	0.397022	-2.51875	0.0286358	2.23702	2.23702	0.603708	0.849333	-1.1774	0.705937	1.12548	1.12548	0.549263	1.208	1.208
cg17334536	NXN	0.0769276	0.0741576	0.252823	-3.95533	0.304713	2.08442	2.08442	0.331542	1.99829	1.99829	0.262011	2.24391	2.24391	0.0153019	0.12777	-7.82654
ch.3.55501R	TRNT1	0.0769316	0.0109081	0.322571	-3.1001	0.55323	0.808665	-1.23661	0.421961	0.747935	-1.33701	0.0181192	0.361993	-2.76248	0.116505	0.54669	-1.82919
cg23204407	C6orf120;WDR27	0.0769329	0.0882556	0.772293	-1.29485	0.479618	0.905995	-1.10376	0.966123	0.994183	-1.00585	0.385467	1.13001	1.13001	0.176504	0.820877	-1.21821
cg10676472	PCCA;PCCA	0.0769352	0.188485	1.41941	1.41941	0.263337	1.34058	1.34058	0.115953	1.53643	1.53643	0.894966	1.03376	1.03376	0.743096	1.08618	1.08618
cg08348422	AGAP1;AGAP1	0.0769363	0.858982	1.08457	1.08457	0.077811	2.44661	2.44661	0.622421	1.25431	1.25431	0.947989	0.970657	-1.03023	0.0050562	0.184094	-5.432
cg05903630	PTCD2;MRPS27	0.076937	0.388827	0.889486	-1.12425	0.159807	0.819404	-1.2204	0.147342	1.22897	1.22897	0.11804	1.2524	1.2524	0.083987	1.28859	1.28859
cg23330281	NAV2	0.076937	0.00521475	0.0710271	-14.0791	0.21881	0.395354	-2.52938	0.12925	0.308461	-3.2419	0.334056	0.489262	-2.04389	0.0786204	0.246213	-4.06152
cg19229692	PLXNA4	0.076938	0.0259638	0.327913	-3.04959	0.198966	1.77283	1.77283	0.203371	1.7619	1.7619	0.638562	1.22089	1.22089	0.1616	0.532298	-1.87865
cg12966778	EMR2;EMR2;EMR2;EMR2;EMR2;EMR2;EMR2	0.0769393	0.0419024	0.254572	-3.92816	0.484002	0.66033	-1.51439	0.167751	0.424046	-2.35823	0.242513	0.489831	-2.04152	0.0129384	0.165274	-6.05057
cg24594504	GFOD1	0.0769403	0.0666892	0.488136	-2.04861	0.254703	0.66046	-1.5141	0.93728	1.02783	1.02783	0.0803381	0.508326	-1.96724	0.373246	1.37552	1.37552
cg00762069	COL6A4P2	0.0769413	0.23195	0.404397	-2.47282	0.68832	0.747361	-1.33804	0.213474	0.388267	-2.57555	0.109819	0.283992	-3.52122	0.00224851	0.045564	-21.9472
cg10768564	ZNF414;ZNF414	0.0769453	0.0469474	4.18733	4.18733	0.0263399	5.2527	5.2527	0.105903	3.04081	3.04081	0.420952	1.67819	1.67819	0.269799	2.06187	2.06187
cg09607548	JPH2	0.0769458	0.302459	1.61882	1.61882	0.196592	1.85092	1.85092	0.595647	0.785437	-1.27318	0.923522	1.04425	1.04425	0.00855618	0.220325	-4.53874
cg12265623	NXPH1	0.0769484	0.0563255	13.3125	13.3125	0.626257	0.555492	-1.80021	0.0545805	13.6279	13.6279	0.109299	8.09791	8.09791	0.307184	0.281882	-3.54759
cg23170483	FGD1	0.0769484	0.52961	1.4879	1.4879	0.334981	1.85972	1.85972	0.873256	0.905183	-1.10475	0.0658428	3.62525	3.62525	0.396211	1.71968	1.71968
cg00792185	GRIN2A;GRIN2A	0.0769494	0.38068	1.81449	1.81449	0.002377	16.5626	16.5626	0.191627	2.49917	2.49917	0.115737	3.10453	3.10453	0.642969	1.36248	1.36248
cg26598603	MSI2	0.0769537	0.00702171	0.412965	-2.42151	0.701773	0.906988	-1.10255	0.756365	0.92407	-1.08217	0.790173	1.07001	1.07001	0.0661827	0.592801	-1.68691
cg21512185	GEMIN6	0.0769539	0.713669	1.22134	1.22134	0.00615419	8.54732	8.54732	0.0431686	3.7734	3.7734	0.707508	1.22693	1.22693	0.741086	0.835397	-1.19703
cg13885159	BSCL2;GNG3;BSCL2;BSCL2	0.0769548	0.243324	1.11348	1.11348	0.776703	0.975275	-1.02535	0.921247	0.991331	-1.00874	0.242994	0.898011	-1.11357	0.634879	0.958755	-1.04302
cg05772319	RGS11;RGS11	0.0769554	0.039117	0.641062	-1.55991	0.193335	1.29219	1.29219	0.184455	0.769388	-1.29974	0.0336682	0.630016	-1.58726	0.0247193	0.607762	-1.64538
cg19125606	AGT;AGT	0.076956	0.153446	0.479264	-2.08653	0.315508	0.606893	-1.64774	0.836272	0.905219	-1.10471	0.390955	0.655095	-1.52649	0.0103137	0.21114	-4.73619
cg22930187	ARTN;ARTN;ARTN	0.0769562	0.0491022	3.1087	3.1087	0.0135933	4.67247	4.67247	0.127812	2.2963	2.2963	0.204843	1.96498	1.96498	0.586826	1.31924	1.31924
cg16270385	GLUD2	0.0769563	0.127497	3.7978	3.7978	0.910688	0.913147	-1.09511	0.923548	0.92522	-1.08082	0.877023	1.13359	1.13359	0.787233	1.2449	1.2449
cg16905265	IKZF1	0.0769588	0.0242796	0.354379	-2.82184	0.242197	0.623204	-1.60461	0.00611237	0.250959	-3.98472	0.123203	0.524593	-1.90624	0.0689909	0.455595	-2.19493
cg17942436	CACNA2D2;CACNA2D2	0.0769612	0.780859	0.955404	-1.04668	0.207939	0.804777	-1.24258	0.120583	0.759263	-1.31707	0.501274	0.894354	-1.11813	0.646703	0.927287	-1.07841
cg25075347	EYA4;EYA4;EYA4	0.0769613	0.512993	1.3593	1.3593	0.208317	1.84737	1.84737	0.43021	0.688973	-1.45144	0.414377	0.679736	-1.47116	0.158482	0.497835	-2.0087
cg07798605	KLK9	0.0769615	0.0318942	0.232089	-4.30869	0.613033	0.743611	-1.34479	0.154362	0.412469	-2.42443	0.0849815	0.330762	-3.02332	0.0396235	0.251031	-3.98357
cg09146577	LOC729020	0.0769634	0.00658938	0.120886	-8.27227	0.597176	0.726582	-1.37631	0.567487	0.707432	-1.41356	0.355777	1.76629	1.76629	0.100694	0.340681	-2.93529
cg00279797	AMMECR1;AMMECR1;AMMECR1	0.0769657	0.0368362	0.32883	-3.04109	0.207357	1.84016	1.84016	0.898732	0.943274	-1.06014	0.569522	0.768242	-1.30167	0.0766939	2.46715	2.46715
cg23562011	MOAP1	0.0769664	0.235346	0.43154	-2.31728	0.0064549	0.0913337	-10.9489	0.341112	0.515376	-1.94033	0.665359	1.34185	1.34185	0.0246864	0.164082	-6.09452
cg05594230	INGX;BCYRN1	0.0769669	0.0108143	0.090272	-11.0776	0.290587	0.438686	-2.27954	0.678186	0.730898	-1.36818	0.47773	1.71995	1.71995	0.873725	1.12692	1.12692
cg07871636	CC2D1A;C19orf57;CC2D1A	0.0769673	0.0230455	0.674385	-1.48283	0.970163	1.00544	1.00544	0.968249	0.994247	-1.00579	0.618565	1.07546	1.07546	0.02294	0.674103	-1.48345
cg07479001	BCAT1	0.0769674	0.710391	0.952683	-1.04967	0.567145	0.927584	-1.07807	0.424536	0.899436	-1.11181	0.185406	0.833184	-1.20021	0.0230595	0.702455	-1.42358
cg00843236	GSG1L	0.0769684	0.00367004	0.3104	-3.22165	0.135501	0.619294	-1.61474	0.637749	0.868273	-1.15171	0.512977	1.21848	1.21848	0.0997571	0.584357	-1.71128
cg17794788	RAMP1	0.0769684	0.0213024	0.324145	-3.08504	0.421339	0.715782	-1.39707	0.0548469	0.412125	-2.42645	0.269418	0.626146	-1.59707	0.0307142	0.355876	-2.80997
cg16188532	HTR2A;HTR2A;HTR2A;HTR2A	0.0769685	0.33244	0.754477	-1.32542	0.0130014	2.38312	2.38312	0.0154545	2.30984	2.30984	0.432758	1.25304	1.25304	0.655115	1.13505	1.13505
cg18763046	CRAMP1L	0.0769706	0.48257	1.12488	1.12488	0.374522	1.16218	1.16218	0.562562	0.907982	-1.10134	0.003832	0.525858	-1.90165	0.193056	0.796825	-1.25498
cg03822003	ZNF764	0.0769716	0.486303	1.092	1.092	0.374928	1.11997	1.11997	0.0284746	1.37943	1.37943	0.0276839	1.38245	1.38245	0.0393602	1.34524	1.34524
cg03438515	SRGAP3;SRGAP3;SRGAP3;SRGAP3	0.0769772	0.676065	1.04084	1.04084	0.674338	1.04108	1.04108	0.378259	1.08994	1.08994	0.100669	0.842569	-1.18685	0.474711	1.07171	1.07171
cg01399860	NCRNA00094	0.0769781	0.0112946	0.101794	-9.82376	0.315285	2.11215	2.11215	0.0871731	0.256649	-3.89637	0.648374	0.718484	-1.39182	0.0777147	0.243698	-4.10344
cg02367660	LRRFIP1	0.0769782	0.0625394	0.391075	-2.55705	0.172958	0.522264	-1.91474	0.410893	0.686156	-1.4574	0.237266	0.574305	-1.74123	0.0638713	0.393378	-2.54208
cg12405231	SLC30A1	0.0769793	0.131766	0.383571	-2.60708	0.425431	0.619155	-1.61511	0.229221	0.475605	-2.10259	0.8327	1.13269	1.13269	0.125471	0.37655	-2.65569
cg14689122	PDIA5;PDIA5	0.0769795	0.0127224	0.377257	-2.65071	0.441985	0.781256	-1.27999	0.522419	0.815362	-1.22645	0.706032	1.12672	1.12672	0.0237713	0.427549	-2.33891
cg10058920	PDYN	0.0769836	0.178453	0.499394	-2.00243	0.0175525	0.245685	-4.07026	0.0109146	0.211847	-4.72038	0.134474	0.456656	-2.18983	0.642245	0.796736	-1.25512
cg09526469	TRIO	0.0769837	0.0367883	0.376631	-2.65512	0.0114389	0.279713	-3.57509	0.0416176	0.388437	-2.57442	0.393032	0.703118	-1.42224	0.59046	0.803554	-1.24447
cg05969038	FAM20C	0.0769838	0.557116	1.11614	1.11614	0.117076	0.729779	-1.37028	0.0607909	0.676306	-1.47862	0.174768	1.30614	1.30614	0.479178	1.14238	1.14238
cg10153848	SNRNP40;ZCCHC17	0.0769839	0.769575	0.966095	-1.03509	0.633771	1.05798	1.05798	0.869129	0.980822	-1.01955	0.923746	1.01131	1.01131	0.759069	1.03679	1.03679
cg23236370	ADAMTS12	0.0769869	0.188497	0.446207	-2.24111	0.0049241	0.115623	-8.64882	0.277111	0.51962	-1.92448	0.724025	0.814387	-1.22792	0.0907416	0.339839	-2.94257
cg16926844	CHEK2;HSCB;CHEK2;CHEK2	0.076987	0.355023	0.761865	-1.31257	0.00785369	2.65143	2.65143	0.0571211	1.85018	1.85018	0.830985	0.940728	-1.06301	0.605393	0.861578	-1.16066
cg09934365	TMEM194A;TMEM194A	0.0769878	0.502633	0.819206	-1.22069	0.334762	1.33855	1.33855	0.0118477	2.51174	2.51174	0.373139	0.764911	-1.30734	0.0274335	0.465491	-2.14827
cg11238952	TMEM47	0.0769895	0.0951094	0.416786	-2.39931	0.0318909	0.301188	-3.32019	0.0675413	0.376289	-2.65753	0.0522685	2.86753	2.86753	0.0646832	0.371486	-2.69189
cg08460198	BANP;BANP	0.0769903	0.593716	1.25762	1.25762	0.418724	0.703459	-1.42155	0.936891	0.966851	-1.03429	0.732703	1.15713	1.15713	0.00273415	0.171924	-5.81654
cg12332558	CSNK1A1;CSNK1A1	0.0769907	0.452619	0.61352	-1.62994	0.759246	0.82179	-1.21686	0.983826	1.01303	1.01303	0.381462	1.77384	1.77384	0.116294	0.336313	-2.97342
cg26938695	C7orf60	0.0769907	0.416406	0.879706	-1.13674	0.0719871	0.733506	-1.36331	0.00220697	0.515789	-1.93878	0.635989	0.929068	-1.07635	0.958681	1.00803	1.00803
cg20479384	STK35	0.0769918	0.0789349	0.816444	-1.22482	0.607306	0.94754	-1.05536	0.00788731	1.42517	1.42517	0.779141	0.971197	-1.02966	0.707395	0.961561	-1.03998
cg26878836	LRP5	0.076993	0.0333599	0.238693	-4.18947	0.275472	0.520158	-1.92249	0.798739	0.863119	-1.15859	0.0468203	0.269504	-3.71052	0.0172584	0.188019	-5.3186
cg08387815	C7orf51	0.0769966	0.533967	0.885843	-1.12887	0.200427	0.77086	-1.29725	0.0329856	0.618876	-1.61583	0.245939	0.79175	-1.26303	0.254679	0.795437	-1.25717
cg09758623	DTD1	0.076997	0.732525	1.3261	1.3261	0.466559	0.540607	-1.84977	?	?	?	0.44427	0.522978	-1.91213	0.15669	3.67114	3.67114
cg08535978	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.0769989	0.673848	0.857429	-1.16628	0.725605	0.879814	-1.1366	0.465459	0.763444	-1.30985	0.903564	0.956912	-1.04503	0.856724	1.06788	1.06788
cg05396897	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.0770007	0.119078	0.625761	-1.59806	0.605034	0.865386	-1.15555	0.264373	1.38042	1.38042	0.109577	1.62164	1.62164	0.0801642	0.583942	-1.7125
cg02251799	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0770023	0.0702372	0.649888	-1.53873	0.329617	0.807152	-1.23892	0.617705	1.1131	1.1131	0.346977	0.813651	-1.22903	0.0299427	0.5805	-1.72265
cg11627393	MTG1	0.0770023	0.337384	0.870017	-1.1494	0.00726092	0.614123	-1.62834	0.374901	0.879662	-1.1368	0.514456	0.91113	-1.09754	0.764991	0.958672	-1.04311
cg14958018	NKX6-3	0.077003	0.279333	0.739569	-1.35214	0.947411	1.01785	1.01785	0.00371455	0.349452	-2.86163	0.144054	0.656407	-1.52345	0.175373	0.679399	-1.47189
cg09688763	VTI1A;ZDHHC6;VTI1A	0.0770035	0.0816604	1.45971	1.45971	0.111644	0.712043	-1.40441	0.315259	0.815837	-1.22574	0.0245012	1.69083	1.69083	0.964656	0.991352	-1.00872
cg04586563	DIP2C	0.0770057	0.569641	1.15565	1.15565	0.00577869	0.402374	-2.48525	0.0387741	0.547489	-1.82652	0.971943	0.991185	-1.00889	0.402256	1.24085	1.24085
cg01980778	IRS4	0.077006	0.235002	2.48693	2.48693	0.895273	0.908105	-1.10119	0.610999	0.686976	-1.45566	0.156256	0.329524	-3.03468	0.00636082	0.074306	-13.4579
cg04313735	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	0.0770061	0.312158	0.735443	-1.35972	0.0357518	2.181	2.181	0.159581	1.57074	1.57074	0.861716	0.951096	-1.05142	0.0518506	0.499207	-2.00318
cg01808030	RIBC2;SMC1B	0.0770087	0.180905	1.76723	1.76723	0.930464	1.0356	1.0356	0.0736505	2.22402	2.22402	0.102633	2.04593	2.04593	0.181146	0.566058	-1.7666
cg11153328	TXN2	0.0770106	0.640973	1.24779	1.24779	0.012867	0.233198	-4.28821	0.458857	1.42692	1.42692	0.40286	0.667964	-1.49709	0.106896	0.43619	-2.29258
cg21467206	TENC1;TENC1;TENC1	0.0770108	0.455218	0.822964	-1.21512	0.0596069	1.72391	1.72391	0.0100834	2.29728	2.29728	0.939799	0.980837	-1.01954	0.473929	0.829801	-1.20511
cg16623710	PRR5;PRR5;PRR5;PRR5;PRR5;PRR5	0.0770166	0.0460852	0.378445	-2.64239	0.725009	1.162	1.162	0.202139	0.564106	-1.77272	0.270395	0.613941	-1.62882	0.0136815	0.273553	-3.6556
cg12603173	RASGRP2;RASGRP2;RASGRP2	0.077169	0.0280814	0.556598	-1.79663	0.85238	0.958799	-1.04297	0.0467355	0.597924	-1.67245	0.443773	0.838322	-1.19286	0.0637017	0.624482	-1.60133
cg22444338	C7orf50;C7orf50;C7orf50	0.0770171	0.68981	1.37331	1.37331	0.0823689	4.57918	4.57918	0.299959	2.33812	2.33812	0.926075	0.929247	-1.07614	0.0361619	0.145661	-6.86525
cg00144180	HDAC4	0.0770182	0.0202318	5.76104	5.76104	0.134867	0.364923	-2.7403	0.315204	0.522317	-1.91455	0.0583961	3.80941	3.80941	0.585482	1.41117	1.41117
cg14539179	VENTX	0.0770196	0.858578	1.11792	1.11792	0.227597	2.20693	2.20693	0.0107411	7.41457	7.41457	0.15687	2.57619	2.57619	0.691623	1.28297	1.28297
cg24587056	RAB5C;RAB5C;RAB5C;RAB5C	0.0770199	0.106453	1.49224	1.49224	0.0100235	2.092	2.092	0.236926	1.32494	1.32494	0.109622	0.672967	-1.48596	0.584213	1.1337	1.1337

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22835630	0.409983	1.51957	1.51957	0.104468	0.414238	-2.41407	0.706027	0.828466	-1.20705	0.0247661	0.265198	-3.77076	2.86033	11.1714	3.47168	1
cg26908946	0.096914	0.421555	-2.37217	0.0483447	0.343186	-2.91387	0.40222	0.666031	-1.50143	0.0141988	0.238299	-4.19641	2.86029	10.1809	3.1639	1
cg03701341	0.913121	0.967382	-1.03372	0.993829	0.997653	-1.00235	0.360844	0.751693	-1.33033	0.146425	0.622713	-1.60588	2.86028	4.18248	1.29979	1
cg18382590	0.203516	0.816367	-1.22494	0.00967038	0.609613	-1.64039	0.181939	1.23884	1.23884	0.174886	1.24374	1.24374	2.86021	1.03516	0.321703	1
cg03042666	0.5324	1.49585	1.49585	0.42596	1.67811	1.67811	0.759475	1.21598	1.21598	0.986162	1.0111	1.0111	2.86021	18.3684	5.70848	1
cg02467054	0.643106	1.31556	1.31556	0.0167028	6.34697	6.34697	0.133799	2.65033	2.65033	0.074639	3.3594	3.3594	3.36175	17.43	3.45653	1
cg03922834	0.155926	0.372068	-2.68768	0.0139602	0.138423	-7.22421	0.034476	0.200667	-4.98339	0.178247	0.393936	-2.53848	2.86008	19.2135	5.97138	1
cg26422472	0.219431	1.21434	1.21434	0.00964881	1.63651	1.63651	0.242351	0.831936	-1.20202	0.595162	1.08399	1.08399	2.86008	1.02432	0.31835	1
cg16705546	0.263908	0.548107	-1.82446	0.080472	0.367495	-2.72113	0.342491	0.603527	-1.65693	0.237535	0.527884	-1.89436	2.86008	12.0755	3.75298	1
cg15280728	0.383547	0.826777	-1.20952	0.0516751	0.62409	-1.60233	0.0599942	1.57101	1.57101	0.409954	1.19649	1.19649	2.86008	2.05292	0.638031	1
cg19314470	0.540564	0.790557	-1.26493	0.0448107	0.417414	-2.3957	0.577862	0.807943	-1.23771	0.139341	0.546889	-1.82852	2.86007	6.51849	2.0259	1
cg03813033	0.0322406	0.457081	-2.1878	?	?	?	0.0152925	0.394702	-2.53356	0.42624	0.775984	-1.28869	2.896	3.97323	1.37197	1
cg18166862	0.104821	0.615847	-1.62378	0.131797	1.56028	1.56028	0.620562	1.14622	1.14622	0.933677	1.02302	1.02302	2.86003	3.38764	1.05287	1
cg04755607	0.794989	0.854805	-1.16986	0.484122	1.53478	1.53478	0.636978	1.33162	1.33162	0.92211	1.06069	1.06069	2.86003	16.4414	5.10994	1
cg13785949	0.131714	0.424475	-2.35585	0.0273349	0.230362	-4.341	0.595061	0.763375	-1.30997	0.933928	1.04236	1.04236	3.82332	13.9084	2.02099	1
cg08103551	0.935567	1.04521	1.04521	0.952171	1.03335	1.03335	0.00134452	0.0782572	-12.7784	0.758841	1.18342	1.18342	2.86002	13.5482	4.21075	1
cg01589629	0.253663	1.41431	1.41431	0.0204138	2.25368	2.25368	0.063692	1.83342	1.83342	0.221747	1.45274	1.45274	2.85994	3.82988	1.19035	1
cg01791785	0.801869	0.954393	-1.04779	0.0133226	1.76699	1.76699	0.8652	0.968948	-1.03205	0.453468	0.867813	-1.15232	2.85994	1.56128	0.485256	1
cg05053403	0.685758	0.890102	-1.12347	0.751876	0.913221	-1.09503	0.165691	1.52671	1.52671	0.0259537	0.469288	-2.13089	2.85993	3.71008	1.15312	1
cg16797901	0.721886	0.808092	-1.23748	0.0606253	3.52951	3.52951	0.140854	2.57109	2.57109	0.89023	1.08581	1.08581	2.85992	16.0997	5.00394	1
cg17756288	0.485222	1.08572	1.08572	0.00777098	0.672755	-1.48642	0.42034	1.10018	1.10018	0.673572	1.05036	1.05036	2.85989	0.609104	0.189317	1
cg15443128	0.171341	1.24637	1.24637	0.00763955	1.67967	1.67967	0.287098	0.846071	-1.18193	0.909396	0.982932	-1.01736	2.85989	1.0358	0.321938	1
cg24916345	0.759079	1.09654	1.09654	0.680266	0.883257	-1.13217	0.233071	0.687578	-1.45438	0.165417	0.641969	-1.55771	2.85987	4.06495	1.26345	1
cg06020727	0.33245	0.597555	-1.67349	0.941475	0.962893	-1.03854	0.825786	1.12022	1.12022	0.611339	0.768035	-1.30202	2.85984	12.0128	3.73377	1
cg00954578	0.281316	0.764099	-1.30873	0.184139	1.40289	1.40289	0.57035	0.871256	-1.14777	0.453426	0.832339	-1.20143	2.85981	2.61515	0.812841	1
cg02968301	0.858376	0.943017	-1.06043	0.614172	1.18173	1.18173	0.114165	1.75852	1.75852	0.465508	0.783513	-1.2763	2.85977	4.88694	1.51898	1
cg18599124	0.0263134	1.94136	1.94136	0.0356644	0.540316	-1.85077	0.213368	0.718979	-1.39086	0.718621	0.912927	-1.09538	2.85976	2.87122	0.892452	1
cg08094571	0.21524	0.480931	-2.0793	0.0226614	0.216274	-4.62377	0.0475255	0.280285	-3.56779	0.100683	0.364577	-2.74291	2.85973	14.2632	4.43341	1
cg19117322	0.0872984	0.576044	-1.73598	0.015605	0.42051	-2.37806	0.147884	0.635344	-1.57395	0.186313	0.664074	-1.50586	2.85973	3.86641	1.20179	1
cg25767433	0.863107	0.937405	-1.06677	0.791737	1.1042	1.1042	0.179872	1.70491	1.70491	0.88738	1.05451	1.05451	2.85972	6.35413	1.97506	1
cg20341535	0.116444	2.62958	2.62958	0.0894308	2.89028	2.89028	0.31459	1.80291	1.80291	0.574763	1.37889	1.37889	2.85972	14.5485	4.52214	1
cg16343401	0.0966755	4.68837	4.68837	0.279208	2.59395	2.59395	0.0577666	6.15745	6.15745	0.935183	1.07134	1.07134	2.85971	32.5111	10.1055	1
cg25946304	0.788637	0.899795	-1.11136	0.0645322	0.442197	-2.26143	0.0690697	0.449612	-2.22414	0.162195	1.79758	1.79758	2.85971	6.99396	2.17395	1
cg07519515	0.825868	1.05692	1.05692	0.0278612	1.92128	1.92128	0.0824339	0.616725	-1.62147	0.839805	0.950419	-1.05217	2.8597	2.85899	0.888669	1
cg26641935	0.163443	0.842466	-1.18699	0.0160801	1.40427	1.40427	0.0614415	1.27487	1.27487	0.384191	0.902274	-1.10831	2.8597	0.601631	0.187007	1
cg06922496	0.0576734	1.27688	1.27688	0.0070713	1.48643	1.48643	0.102712	1.22546	1.22546	0.963345	0.99478	-1.00525	2.85969	0.587313	0.182557	1
cg07642595	0.779325	0.868303	-1.15167	0.143153	0.453382	-2.20565	0.360723	0.623531	-1.60377	0.249946	0.54639	-1.83019	2.85969	11.4461	3.55786	1
cg02421597	0.177813	1.90879	1.90879	0.0114377	4.17346	4.17346	0.0674117	2.52232	2.52232	0.470988	1.39244	1.39244	2.85968	9.23075	2.86924	1
cg16699850	0.070808	1.3542	1.3542	0.0124541	1.59533	1.59533	0.985619	1.00271	1.00271	0.165725	0.800886	-1.24862	2.85968	1.02179	0.317608	1
cg16724811	0.465653	1.2676	1.2676	0.0591688	0.506411	-1.97468	0.365272	1.34594	1.34594	0.936399	0.974834	-1.02582	2.85967	4.61946	1.43589	1
cg19307543	0.385375	1.23532	1.23532	0.0140389	2.05477	2.05477	0.243361	0.748346	-1.33628	0.867818	0.961217	-1.04035	2.85967	2.55409	0.793903	1
cg03547812	0.140356	0.731255	-1.36751	0.660098	0.916379	-1.09125	0.828459	0.958086	-1.04375	0.0742908	0.67542	-1.48056	2.85966	1.76338	0.548125	1
cg25813193	0.16956	1.20959	1.20959	0.0770491	1.29131	1.29131	0.375323	0.888409	-1.12561	0.172702	0.828023	-1.2077	2.85962	0.765887	0.23807	1
cg04529538	0.48428	0.657961	-1.51985	0.885412	1.08864	1.08864	0.0447698	0.257504	-3.88343	0.0568946	0.281093	-3.55754	2.85957	15.7085	4.88295	1
cg04947065	0.181892	0.692728	-1.44357	0.039916	0.540473	-1.85023	0.872609	0.959278	-1.04245	0.165855	1.46647	1.46647	2.85953	3.03996	0.944975	1
cg27573593	0.933801	0.959183	-1.04255	0.483055	1.42987	1.42987	0.242585	0.541479	-1.8468	0.596695	0.764998	-1.30719	2.8595	11.3958	3.54242	1
cg23074119	0.401933	0.894076	-1.11847	0.00357002	0.597378	-1.67398	0.843444	0.974523	-1.02614	0.36746	1.12843	1.12843	2.85949	0.771469	0.239815	1
cg06064179	0.11586	1.8638	1.8638	0.116695	1.8607	1.8607	0.573155	1.23047	1.23047	0.61296	0.830414	-1.20422	2.85944	6.01033	1.86838	1
cg11263497	0.00744436	0.36828	-2.71532	0.0557354	0.533532	-1.8743	0.846049	0.945219	-1.05796	0.449054	0.799651	-1.25055	2.85943	3.80409	1.18255	1
cg16270051	0.94355	0.970488	-1.03041	0.310353	0.641436	-1.559	0.0153401	3.52134	3.52134	0.247967	0.599944	-1.66682	2.85941	8.10368	2.51915	1
cg08055612	0.606048	0.827833	-1.20797	0.282978	0.666863	-1.49956	0.149934	0.570866	-1.75172	0.0996626	0.519247	-1.92587	2.8594	5.97377	1.85704	1
cg23993005	0.893535	1.02055	1.02055	0.0227621	1.51286	1.51286	0.0425244	0.701353	-1.42582	0.236282	1.20742	1.20742	2.8594	1.0447	0.324762	1
cg05555640	0.224836	1.25591	1.25591	0.0135731	1.72615	1.72615	0.140925	0.75349	-1.32716	0.952425	1.01072	1.01072	2.8594	1.44664	0.449712	1
cg19582265	0.832538	0.935292	-1.06918	0.630212	1.16562	1.16562	0.252099	0.685248	-1.45932	0.035705	0.461983	-2.16458	2.85937	4.52012	1.40517	1
cg03887008	0.506046	1.23419	1.23419	0.168466	0.632778	-1.58033	0.120615	0.591569	-1.69042	0.426106	0.776133	-1.28844	2.85934	4.40392	1.36906	1
cg17334536	0.276163	0.457138	-2.18753	0.797316	1.19464	1.19464	0.072986	3.98259	3.98259	0.713996	0.775411	-1.28964	2.85933	21.6247	6.72255	1
ch.3.55501R	0.965292	0.984712	-1.01553	0.016458	0.354243	-2.82292	0.471145	0.771401	-1.29634	0.370452	0.722067	-1.38491	2.85926	5.67699	1.76486	1
cg23204407	0.147249	1.23818	1.23818	0.0187009	0.676049	-1.47918	0.662506	0.941454	-1.06219	0.0590568	1.34021	1.34021	2.85925	0.854557	0.265667	1
cg10676472	0.450027	1.21346	1.21346	0.00241688	2.89186	2.89186	0.0527715	1.73913	1.73913	0.18083	1.42925	1.42925	2.85921	2.86111	0.88948	1
cg08348422	0.395898	1.48722	1.48722	0.901368	0.94497	-1.05823	0.131727	2.10177	2.10177	0.491255	0.726757	-1.37598	2.85919	9.43741	2.93398	1
cg05903630	0.851033	1.02524	1.02524	0.101304	0.788268	-1.2686	0.143839	1.23151	1.23151	0.0421317	1.36408	1.36408	2.85918	0.796272	0.247552	1
cg23330281	0.483553	1.66674	1.66674	0.150872	0.331349	-3.01797	0.0417843	0.185695	-5.38517	0.260573	0.430874	-2.32086	2.85918	23.3124	7.24757	1
cg19229692	0.424461	0.70886	-1.41072	0.0140899	0.278504	-3.59061	0.421889	0.707446	-1.41353	0.823679	0.910155	-1.09871	2.85917	8.05826	2.50524	1
cg12966778	0.115301	0.368234	-2.71566	0.0233839	0.205851	-4.85789	0.0252383	0.211687	-4.72395	0.214902	0.466839	-2.14207	2.85915	15.4173	4.79314	1
cg24594504	0.3088	1.44398	1.44398	0.0710405	0.494888	-2.02066	0.0324057	2.39562	2.39562	0.398837	0.739864	-1.3516	2.85913	5.50926	1.7128	1
cg00762069	0.212601	0.387492	-2.5807	0.169252	0.347295	-2.8794	0.79774	0.830723	-1.20377	0.0747731	0.238519	-4.19254	2.85912	23.616	7.34211	1
cg10768564	0.892221	0.918175	-1.08912	0.0365282	4.61933	4.61933	0.0190867	5.96809	5.96809	0.0563347	3.89925	3.89925	2.85906	17.9553	5.58236	1
cg09607548	0.203247	1.83241	1.83241	0.631665	1.24334	1.24334	0.0510711	2.72356	2.72356	0.506993	0.738177	-1.35469	2.85905	9.20765	2.86269	1
cg12265623	0.800021	0.737814	-1.35536	0.667427	0.595827	-1.67834	0.0183075	30.8736	30.8736	0.0862067	9.68723	9.68723	2.85901	64.9727	20.2005	1
cg23170483	0.585161	0.708962	-1.41051	0.397817	1.71637	1.71637	0.00419498	10.9479	10.9479	0.0313423	4.83499	4.83499	2.85901	17.6307	5.48152	1
cg00792185	0.487252	1.59625	1.59625	0.841835	1.14154	1.14154	0.691873	0.768022	-1.30205	0.0644048	3.96179	3.96179	2.85899	19.8791	6.18062	1
cg26598603	0.384798	0.797644	-1.25369	0.0416323	0.551027	-1.81479	0.351587	1.27538	1.27538	0.0890807	0.621397	-1.60928	2.85893	2.91513	0.906364	1
cg21512185	0.0922907	0.353507	-2.8288	0.832382	0.891482	-1.12173	0.786088	1.15892	1.15892	0.514039	1.43374	1.43374	3.36015	14.8724	2.95075	1
cg13885159	0.322828	0.914008	-1.09408	0.319043	0.91332	-1.09491	0.00327687	1.42312	1.42312	0.502749	1.06171	1.06171	2.85891	0.351011	0.109136	1
cg05772319	0.644997	0.91723	-1.09024	0.49037	1.13937	1.13937	0.496764	1.13712	1.13712	0.358207	0.838657	-1.19238	2.8589	1.57034	0.48825	1
cg19125606	0.582738	0.76568	-1.30603	0.00423348	0.158428	-6.312	0.474415	0.70465	-1.41914	0.630537	0.791999	-1.26263	2.8589	10.4842	3.25976	1
cg22930187	0.0201646	4.11596	4.11596	0.0681722	2.80449	2.80449	0.950523	0.969154	-1.03183	0.0679326	2.8076	2.8076	2.85889	11.5434	3.58909	1
cg16270385	0.0477146	0.159882	-6.2546	0.567218	0.626074	-1.59725	0.0228052	9.08103	9.08103	0.0249548	8.67433	8.67433	2.85889	29.6873	9.23041	1
cg16905265	0.104764	0.50412	-1.98366	0.0814601	0.474224	-2.10871	0.234234	0.617708	-1.61889	0.179791	0.576723	-1.73394	2.85885	6.75781	2.10117	1
cg17942436	0.0212869	1.57269	1.57269	0.0250151	1.5468	1.5468	0.656757	1.07591	1.07591	0.252147	0.822273	-1.21614	2.85882	1.21156	0.376708	1
cg25075347	0.107003	0.443026	-2.2572	0.01505	0.250936	-3.98507	0.0858763	2.40665	2.40665	0.372067	1.5281	1.5281	2.85881	9.69302	3.01384	1
cg07798605	0.129688	0.386389	-2.58807	0.0198514	0.195259	-5.1214	0.0186	0.19064	-5.24548	0.204885	0.459782	-2.17495	2.85881	15.2766	4.74995	1
cg09146577	0.646876	1.31817	1.31817	0.590346	0.72218	-1.3847	0.0570608	3.63078	3.63078	0.905837	1.07344	1.07344	2.85878	16.2399	5.04953	1
cg00279797	0.552454	1.3174	1.3174	0.0578499	0.373958	-2.6741	0.0691882	0.393554	-2.54095	0.173521	0.514692	-1.94291	2.85875	9.52508	2.96169	1
cg23562011	0.0893653	0.282045	-3.54553	0.96625	0.971815	-1.029	0.749818	1.24132	1.24132	0.122058	0.322261	-3.10308	2.85874	20.6724	6.42782	1
cg05594230	0.045441	0.178399	-5.60541	0.523173	0.615006	-1.626	0.774928	0.806238	-1.24033	0.0481751	5.45471	5.45471	2.85873	25.554	7.94572	1
cg07871636	0.820033	0.967511	-1.03358	0.0271563	1.46087	1.46087	0.816473	1.03427	1.03427	0.878254	1.02247	1.02247	2.85872	0.951164	0.295754	1
cg07479001	0.655127	1.06016	1.06016	0.0119985	1.50269	1.50269	0.450688	1.10504	1.10504	0.422349	1.11239	1.11239	2.85872	0.764655	0.237761	1
cg00843236	0.943349	0.979057	-1.02139	0.429027	1.27182	1.27182	0.389794	1.30013	1.30013	0.452156	0.796025	-1.25624	2.85871	4.01599	1.24873	1
cg17794788	0.581638	1.25424	1.25424	0.014681	0.294402	-3.39672	0.805563	0.904482	-1.10561	0.26014	0.619941	-1.61306	2.85871	7.50223	2.33275	1
cg16188532	0.943808	0.980334	-1.02006	0.146827	0.644845	-1.55076	0.799525	0.930805	-1.07434	0.808082	0.933728	-1.07098	2.8587	3.59464	1.11772	1
cg18763046	0.325494	0.845861	-1.18223	0.317576	1.18571	1.18571	0.520082	0.898068	-1.1135	0.283998	1.20144	1.20144	2.85867	1.23091	0.382744	1
cg03822003	0.135993	1.22126	1.22126	0.0875484	0.790844	-1.26447	0.619052	1.06435	1.06435	0.822732	1.02831	1.02831	2.85866	0.700846	0.217926	1
cg03438515	0.22723	0.886241	-1.12836	0.0054998	0.706311	-1.41581	0.671983	1.04141	1.04141	0.0894762	0.836633	-1.19527	2.85857	0.410879	0.127765	1
cg01399860	0.347917	0.498618	-2.00554	0.0182178	0.126932	-7.87824	0.87934	0.896382	-1.1156	0.296947	0.459012	-2.17859	2.85856	23.4757	7.29992	1
cg02367660	0.0086116	0.222991	-4.48448	?	?	?	0.566262	1.29654	1.29654	0.472932	1.38677	1.38677	2.89447	8.17547	2.82451	1
cg12405231	0.257651	0.49869	-2.00525	0.0127095	0.161393	-6.19607	0.0164996	0.178097	-5.61492	0.0259268	0.210692	-4.74627	2.85854	15.7063	4.88402	1
cg14689122	0.678299	1.14035	1.14035	0.129193	1.67571	1.67571	0.291311	1.41169	1.41169	0.376931	0.75165	-1.33041	2.85854	4.48853	1.39575	1
cg10058920	0.883998	0.931546	-1.07348	0.0821468	0.392419	-2.5483	0.0696469	0.373253	-2.67915	0.648197	1.24997	1.24997	2.85848	10.6799	3.32109	1
cg09526469	0.0577852	0.421653	-2.37162	0.026926	0.34824	-2.87158	0.227531	0.60052	-1.66522	0.599101	0.807714	-1.23806	2.85847	7.3366	2.28144	1
cg05969038	0.607338	1.10066	1.10066	0.0122773	1.78091	1.78091	0.686802	1.07789	1.07789	0.249723	0.800445	-1.24931	2.85847	1.55007	0.482019	1
cg10153848	0.154161	1.19618	1.19618	0.00277216	0.615987	-1.62341	0.127143	0.823881	-1.21377	0.933008	1.00992	1.00992	2.85847	0.624274	0.194128	1
cg23236370	0.516929	0.683476	-1.46311	0.0116866	0.161243	-6.20181	0.313512	0.546768	-1.82893	0.572787	0.718894	-1.39103	2.85843	15.1853	4.7222	1
cg16926844	0.195744	0.676295	-1.47864	0.862229	1.05091	1.05091	0.268476	0.719299	-1.39024	0.250189	1.40988	1.40988	2.85842	3.69947	1.15043	1
cg09934365	0.806613	1.07454	1.07454	0.610595	0.860247	-1.16246	0.293047	0.726344	-1.37676	0.277364	1.39256	1.39256	2.85841	3.8897	1.20959	1
cg11238952	0.154459	0.483178	-2.06963	0.488116	0.714531	-1.39952	0.750708	0.858897	-1.16428	0.937756	1.03797	1.03797	2.85839	10.3095	3.206	1
cg08460198	0.391736	1.45288	1.45288	0.145635	1.94469	1.94469	0.633496	1.2269	1.2269	0.600643	0.798636	-1.25213	2.85837	8.20388	2.55122	1
cg12332558	0.476866	1.58696	1.58696	0.0121442	7.35896	7.35896	0.0322899	4.95622	4.95622	0.116587	2.97039	2.97039	2.85837	18.4555	5.73926	1
cg26938695	0.164024	0.795207	-1.25753	0.770013	1.04628	1.04628	0.640308	0.929954	-1.07532	0.676661	1.06686	1.06686	2.85837	1.07796	0.335221	1
cg20479384	0.0972081	0.82761	-1.2083	0.633734	1.05116	1.05116	0.155844	1.17098	1.17098	0.990156	0.998718	-1.00128	2.85835	0.489184	0.152126	1
cg26878836	0.0822696	0.329879	-3.03141	0.0201324	0.198895	-5.02777	0.192776	0.451974	-2.21252	0.110775	0.367489	-2.72117	2.85833	15.0257	4.67272	1
cg08387815	0.106451	0.712323	-1.40386	0.00408927	0.476439	-2.0989	0.210991	0.775995	-1.28867	0.0488043	0.648568	-1.54186	2.85828	1.6763	0.521309	1
cg09758623	0.311923	2.40595	2.40595	0.3841	0.474936	-2.10555	0.00609454	0.0285715	-34.9999	0.345379	0.443431	-2.25514	3.85114	33.5126	5.43874	1
cg08535978	0.132482	1.8038	1.8038	0.00784148	3.45513	3.45513	0.0148502	2.97099	2.97099	0.988356	1.00532	1.00532	2.85824	5.9772	1.85886	1
cg05396897	0.505279	1.20603	1.20603	0.0419698	0.5223	-1.91461	0.0329563	0.50098	-1.99609	0.751938	0.915874	-1.09185	2.85822	3.47642	1.08115	1
cg02251799	0.371516	1.21579	1.21579	0.0391111	1.66269	1.66269	0.182025	1.35208	1.35208	0.43735	0.84475	-1.18378	2.85819	2.05274	0.638395	1
cg11627393	0.706559	0.948146	-1.05469	0.0888411	1.30242	1.30242	0.541255	0.916615	-1.09097	0.0257792	0.688841	-1.45171	2.85819	0.897209	0.279029	1
cg14958018	0.992826	1.00241	1.00241	0.334211	1.30624	1.30624	0.125322	0.640826	-1.56049	0.127585	0.642798	-1.5557	2.85818	3.25693	1.0129	1
cg09688763	0.0738574	1.47778	1.47778	0.536312	0.884489	-1.1306	0.277962	1.2475	1.2475	0.103275	1.41807	1.41807	2.85817	1.73921	0.540893	1
cg04586563	0.2227	0.724281	-1.38068	0.28575	1.32194	1.32194	0.5257	0.850546	-1.17572	0.376497	0.795755	-1.25667	2.85814	2.86869	0.892171	1
cg01980778	0.279596	2.27671	2.27671	0.311871	0.464986	-2.1506	0.986112	0.987341	-1.01282	0.047867	0.190954	-5.23687	2.85814	24.2502	7.5419	1
cg04313735	0.990109	1.00357	1.00357	0.279103	1.39354	1.39354	0.02908	2.28999	2.28999	0.133831	1.63049	1.63049	3.82003	4.58614	0.666971	1
cg01808030	0.0219282	0.332209	-3.01016	0.421123	0.719343	-1.39016	0.485295	1.32873	1.32873	0.169412	1.79812	1.79812	2.85809	7.27257	2.26183	1
cg11153328	0.685771	0.825531	-1.21134	0.00774799	0.199476	-5.01312	0.616625	0.788265	-1.26861	0.753105	0.861796	-1.16037	2.85807	10.057	3.12782	1
cg21467206	0.55099	1.16712	1.16712	0.0415256	1.82596	1.82596	0.246621	0.733177	-1.36393	0.619859	1.13667	1.13667	2.85806	2.97051	0.923861	1
cg16623710	0.194702	0.558128	-1.7917	0.0472427	0.380931	-2.62515	0.0217076	0.309909	-3.22675	0.126352	0.495078	-2.01988	2.85797	8.1803	2.54424	1
cg12603173	0.0427162	0.59043	-1.69368	0.0252569	0.548315	-1.82377	0.0590564	0.617876	-1.61845	0.0773205	0.641753	-1.55823	2.85797	2.30913	0.718189	1
cg22444338	0.0773793	0.211734	-4.72292	0.0207031	0.11052	-9.04816	0.885336	0.892172	-1.12086	0.575348	0.639206	-1.56444	2.85797	28.3002	8.80199	1
cg00144180	0.959755	1.03206	1.03206	0.883036	0.912045	-1.09644	0.0317104	4.82994	4.82994	0.282682	2.00997	2.00997	2.85795	17.7027	5.50596	1
cg14539179	0.174221	0.4052	-2.46792	0.137897	0.368432	-2.7142	?	?	?	0.344128	0.543866	-1.83869	2.89383	15.9133	5.49904	1
cg24587056	0.386961	0.817612	-1.22307	0.176793	0.721792	-1.38544	0.379641	1.2271	1.2271	0.441016	1.19532	1.19532	2.85793	2.33378	0.725867	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19251500	CD79A;CD79A	0.0770199	0.0524252	0.263153	-3.80007	0.0221593	0.190127	-5.25966	0.23653	0.472033	-2.11849	0.0883943	0.320493	-3.1202	0.0106777	0.143335	-6.97667	0.118879	0.358963	-2.7858	0.0583598	0.273981	-3.64989	0.0899309	0.322599	-3.09983	0.288625	0.513372	-1.94791	2.85792	16.5823	5.15752	1
cg04795788	TMTC4;TMTC4	0.07702	0.909705	0.984898	-1.01533	0.00136778	1.86468	1.86468	0.804539	1.03382	1.03382	0.966097	0.994315	-1.00572	0.440226	1.11135	1.11135	0.72082	1.04931	1.04931	0.967999	1.0054	1.0054	0.923123	1.01303	1.01303	0.137714	1.23912	1.23912	2.85792	0.814287	0.253264	1
cg19840532	OMA1	0.0770254	0.338478	0.829738	-1.2052	0.105627	1.3971	1.3971	0.0283307	1.63178	1.63178	0.968841	0.992638	-1.00742	0.915271	1.02034	1.02034	0.35983	1.19493	1.19493	0.0136344	0.561456	-1.78108	0.448241	0.863985	-1.15743	0.661112	1.08703	1.08703	2.85784	1.61965	0.503767	1
cg16051558	KLHDC2	0.0770302	0.487165	0.887015	-1.12738	0.523374	0.895978	-1.1161	0.245012	0.813402	-1.2294	0.0702327	1.41017	1.41017	0.476612	0.88434	-1.13079	0.301429	1.19941	1.19941	0.00505409	0.532795	-1.8769	0.489232	0.887535	-1.12672	0.604006	1.09293	1.09293	2.85777	1.30547	0.406057	1
cg08656222	TRIM52	0.0770323	?	?	?	0.668184	0.846513	-1.18132	0.0157605	0.318774	-3.13702	0.076368	0.466804	-2.14223	0.21997	1.64606	1.64606	0.42568	1.36935	1.36935	?	?	?	?	?	?	0.494576	1.30738	1.30738	2.99518	4.72224	2.10215	1
cg08267183	TADA2B	0.0770329	0.467746	1.2737	1.2737	0.137716	0.592516	-1.68772	0.19806	0.640557	-1.56114	0.241122	1.49448	1.49448	0.0422158	0.464766	-2.15162	0.136564	0.591467	-1.69071	0.022305	0.407926	-2.45143	0.576747	0.831417	-1.20277	0.039201	0.457812	-2.1843	2.85773	4.85218	1.50926	1
cg22580065	LRRC26	0.0770329	0.768428	1.04165	1.04165	0.0033859	1.73454	1.73454	0.303213	1.15882	1.15882	0.530162	1.09188	1.09188	0.505706	0.910883	-1.09784	0.191789	1.21045	1.21045	0.11631	0.78987	-1.26603	0.985352	0.997466	-1.00254	0.35497	1.14057	1.14057	2.85773	0.864684	0.268958	1
cg01811109	ERICH1	0.077033	0.0229273	0.302433	-3.30651	0.704341	0.84574	-1.1824	0.220621	0.567837	-1.76107	0.495696	0.737858	-1.35527	0.00657112	0.211983	-4.71735	0.466368	0.721985	-1.38507	0.0297656	0.324971	-3.0772	0.683186	0.834996	-1.19761	0.0878646	0.436989	-2.28838	2.85773	8.74112	2.7189	1
cg19868631	VSTM2A	0.0770347	0.852626	0.825441	-1.21147	0.313421	2.96919	2.96919	0.290188	3.14958	3.14958	0.00734447	0.0196493	-50.8924	0.711542	1.46758	1.46758	0.238178	0.273725	-3.6533	0.0748877	8.4051	8.4051	0.786663	1.32309	1.32309	0.260952	3.41269	3.41269	3.35847	53.8638	10.6921	1
cg05740325	RASAL1	0.0770349	0.112792	0.558531	-1.79041	0.0586705	0.486432	-2.05579	0.0558692	0.481468	-2.07698	0.612814	1.18791	1.18791	0.658011	0.86043	-1.16221	0.0647397	0.496585	-2.01376	0.03119	0.426053	-2.34713	0.0139336	0.358823	-2.78689	0.365497	0.73071	-1.36853	2.8577	5.15316	1.60289	1
cg13214504	HDAC4	0.0770353	0.152684	0.646226	-1.54745	0.136744	0.633224	-1.57922	0.858846	1.05205	1.05205	0.0499671	1.89118	1.89118	0.0276867	0.476186	-2.10002	0.176311	1.50647	1.50647	0.0954197	0.593233	-1.68568	0.867169	0.953405	-1.04887	0.639838	1.14378	1.14378	2.85769	3.67728	1.14382	1
cg24641186	TFAP2B	0.0770361	0.168116	0.453458	-2.20528	0.397223	0.627047	-1.59478	0.00988833	5.78315	5.78315	0.742975	0.83764	-1.19383	0.374171	0.611928	-1.63418	0.123433	2.45579	2.45579	0.0695247	0.335198	-2.98331	0.551123	1.38361	1.38361	0.960874	0.973933	-1.02676	2.85768	13.12	4.08101	1
cg26666228	PSD4;LOC440839	0.0770363	0.232864	0.64623	-1.54744	0.404398	0.742481	-1.34684	0.107377	0.541546	-1.84656	0.220619	0.637988	-1.56743	0.00615272	0.287262	-3.48114	0.0512357	0.460812	-2.17008	0.0223993	0.38487	-2.59828	0.211058	0.631354	-1.5839	0.0832824	0.512137	-1.9526	2.85767	5.51287	1.71479	1
cg12279294	NR2F2;NR2F2;NR2F2;NR2F2	0.0770366	0.445655	0.589947	-1.69507	0.064143	0.243636	-4.10449	0.831333	0.86521	-1.15579	0.31367	0.492954	-2.02859	0.108126	0.304258	-3.28669	0.874723	1.11304	1.11304	0.0329438	5.43677	5.43677	0.47746	0.61245	-1.63279	0.0358278	5.24729	5.24729	2.85767	20.8536	6.48658	1
cg15946262	SLC25A13;SLC25A13;SLC25A13	0.0770372	0.451789	0.901379	-1.10941	0.529802	1.09003	1.09003	0.455587	0.902193	-1.10841	0.0758795	1.30678	1.30678	0.968343	1.00539	1.00539	0.190048	0.828635	-1.2068	0.0213891	1.45424	1.45424	0.0970572	1.27974	1.27974	0.082394	0.770595	-1.2977	2.85766	0.830227	0.258246	1
cg00537673	SRF	0.0770373	0.0562801	0.326858	-3.05943	0.304724	1.73298	1.73298	0.648098	0.788426	-1.26835	0.259705	0.54431	-1.83719	0.02874	0.263297	-3.79799	0.0621541	0.337461	-2.96331	0.0135912	0.206057	-4.85302	0.588215	0.753678	-1.32683	0.144556	0.444531	-2.24956	2.85766	12.1122	3.76754	1
cg03761952	DSG4;DSG4;DSG4;DSG4	0.077039	0.428017	1.26335	1.26335	0.487751	0.815739	-1.22588	0.192961	1.48888	1.48888	0.00784209	0.373174	-2.67972	0.0296278	0.477241	-2.09538	0.391994	0.776193	-1.28834	0.909369	1.03344	1.03344	0.544038	1.19412	1.19412	0.300853	0.733667	-1.36302	2.85763	3.77723	1.17493	1
cg15930240	SLC27A3	0.0770402	0.9062	0.941125	-1.06256	0.0111551	5.14216	5.14216	0.0782761	2.73723	2.73723	0.785472	0.868968	-1.15079	0.566508	1.34751	1.34751	0.892348	1.07219	1.07219	0.0222568	0.244041	-4.09767	0.84015	1.10956	1.10956	0.463371	1.46848	1.46848	2.85762	11.9928	3.73046	1
cg26297431	PIK3R3;PIK3R3	0.0770413	0.756764	0.955003	-1.04712	0.0126195	1.58338	1.58338	0.0527977	1.38569	1.38569	0.133283	1.27124	1.27124	0.526132	1.09987	1.09987	0.874556	1.02369	1.02369	0.616171	0.927839	-1.07777	0.467605	0.896257	-1.11575	0.0658905	0.736538	-1.3577	2.8576	0.993859	0.309151	1
cg03770575	SOX5	0.0770418	0.0239256	0.676677	-1.47781	0.241084	0.837041	-1.19468	0.779881	1.04145	1.04145	0.421622	0.887815	-1.12636	0.667039	0.939191	-1.06475	0.158749	0.803846	-1.24402	0.0108206	0.628793	-1.59035	0.18395	1.22668	1.22668	0.111007	0.7775	-1.28617	2.85759	0.950892	0.295787	1
cg08983186	VARS	0.0770425	0.148878	0.620676	-1.61115	0.0883227	0.560264	-1.78487	0.0293672	0.453584	-2.20466	0.304807	0.720801	-1.38735	0.0148895	0.397448	-2.51606	0.0469649	0.496305	-2.01489	0.286174	0.710887	-1.40669	0.492135	1.23979	1.23979	0.0597949	0.51978	-1.92389	2.85758	4.29566	1.33622	1
cg13051202	CHKA;CHKA	0.0770429	0.911008	1.01735	1.01735	0.0194954	0.647615	-1.54413	0.0214513	0.653659	-1.52985	0.670228	1.06813	1.06813	0.17984	1.24507	1.24507	0.49396	1.11281	1.11281	0.0631291	0.724972	-1.37936	0.578181	0.917199	-1.09028	0.285573	0.843107	-1.18609	2.85758	1.07154	0.333318	1
cg13067194	DHCR24	0.0770451	0.129473	0.519111	-1.92637	0.978502	1.01084	1.01084	0.120944	1.96026	1.96026	0.687215	1.17586	1.17586	0.0232254	0.337603	-2.96206	0.230781	1.65391	1.65391	0.511034	1.30579	1.30579	0.0404674	2.57829	2.57829	0.214331	1.68748	1.68748	2.85754	7.24965	2.25513	1
cg25036261	NRXN1;NRXN1	0.0770471	0.896674	0.966081	-1.03511	0.00751302	2.49374	2.49374	0.124924	0.643286	-1.55452	0.961531	1.01289	1.01289	0.886666	1.0386	1.0386	0.0861152	1.65478	1.65478	0.0854985	1.65677	1.65677	0.571293	0.859026	-1.16411	0.448867	0.814666	-1.2275	2.85751	3.1925	0.993095	1
cg01404750	ATP11A;ATP11A	0.0770507	0.418357	0.715374	-1.39787	0.00922263	0.262185	-3.81409	0.101931	0.484264	-2.06499	0.547774	0.781632	-1.27937	0.00933824	0.263050	-3.80149	0.0996386	0.481455	-2.07704	0.644224	0.828323	-1.20726	0.380493	0.69464	-1.43959	0.0780767	0.452509	-2.2099	2.85746	7.42445	2.30957	1
cg03652257	GLI3	0.0770521	0.814634	0.963895	-1.03746	0.0442663	1.43591	1.43591	0.143334	0.781732	-1.27921	0.429331	1.13465	1.13465	0.028333	1.49975	1.49975	0.284243	0.840147	-1.19027	0.0496219	1.42005	1.42005	0.585326	1.0901	1.0901	0.309844	0.848279	-1.17886	2.85744	1.10948	0.345138	1
cg20128772	DNAJC5G;DNAJC5G	0.0770548	0.633082	0.816578	-1.22462	?	?	?	0.0677468	0.422271	-2.36815	0.853764	1.08084	1.08084	0.0640068	0.416028	-2.40368	0.0341433	0.352913	-2.83356	0.4835	0.740808	-1.34988	0.398607	0.694819	-1.43922	0.0403237	2.71267	2.71267	2.89328	7.22997	2.49889	1
cg14936904	ZCCHC12	0.0770571	0.0961053	0.177459	-5.63511	0.0815075	0.160916	-6.21444	0.843877	0.829809	-1.2051	0.0898027	5.86723	5.86723	0.985838	1.01694	1.01694	0.107808	0.190075	-5.26108	0.0160781	0.0615869	-16.2372	0.731586	1.38512	1.38512	0.351016	2.47984	2.47984	2.85736	40.5131	12.6031	1
cg14073117	RCL1	0.0770573	0.50056	0.921384	-1.08532	0.1683	1.19222	1.19222	0.681026	1.05074	1.05074	0.391478	1.11087	1.11087	0.1698	1.19139	1.19139	0.123766	0.819038	-1.22094	0.00547681	0.645706	-1.54869	0.997082	0.999562	-1.00044	0.818035	1.02798	1.02798	2.85736	0.648969	0.201886	1
cg05446253	CASKIN2;CASKIN2	0.0770574	0.127703	2.76351	2.76351	0.949639	0.961766	-1.03975	0.263942	2.0518	2.0518	0.00604137	9.14758	9.14758	0.247019	0.473741	-2.11086	0.0663854	3.56355	3.56355	0.755069	1.21306	1.21306	0.0669527	3.55192	3.55192	0.348733	1.81378	1.81378	2.85736	17.2392	5.3629	1
cg27607520	ZNF660	0.0770579	0.203437	0.825471	-1.21143	0.129377	0.791268	-1.26379	0.0683279	0.747067	-1.33857	0.977495	1.00404	1.00404	0.245409	1.18957	1.18957	0.088864	1.30752	1.30752	0.0324753	1.42999	1.42999	0.197294	0.823054	-1.21499	0.98974	0.998164	-1.00184	2.85735	0.923799	0.287383	1
cg07721400	ADH6;ADH6	0.0770587	0.0246122	0.55411	-1.8047	0.0417882	0.595975	-1.67792	0.370265	0.816326	-1.225	0.790662	0.943007	-1.06044	0.0597612	0.625909	-1.59768	0.0753926	0.646211	-1.54748	0.0883941	1.51386	1.51386	0.202503	0.743209	-1.34552	0.53155	0.869548	-1.15002	2.85734	2.20161	0.6849	1
cg19317715	AOC2;AOC2	0.0770598	0.750063	1.20264	1.20264	0.422362	0.623023	-1.60508	0.199462	0.457177	-2.18734	0.0200447	0.197895	-5.05317	0.0069403	0.133074	-7.51462	0.156519	0.416851	-2.39894	0.0620863	0.297376	-3.36275	0.881221	1.09016	1.09016	0.245217	0.495708	-2.01732	2.85732	15.0846	4.69269	1
cg00805360	ADAM8;ADAM8;ADAM8	0.077062	0.122073	0.66499	-1.50378	0.326835	1.27947	1.27947	0.44011	1.21129	1.21129	0.0820323	0.625567	-1.59855	0.0272307	0.52928	-1.88936	0.270415	0.756256	-1.3223	0.0121755	0.467367	-2.13965	0.968092	1.00979	1.00979	0.447203	0.828112	-1.20757	2.85729	2.68225	0.834435	1
cg13954127	KCNT1	0.0770629	0.246963	1.67642	1.67642	0.616624	0.806203	-1.24038	0.858597	1.07908	1.07908	0.482658	1.35596	1.35596	0.137389	1.9795	1.9795	0.0534805	2.54987	2.54987	0.0466432	0.378216	-2.64399	0.0274894	3.04282	3.04282	0.099054	2.16357	2.16357	2.85727	8.2423	2.56415	1
cg09320190	WNT3	0.0770644	0.807474	0.874671	-1.14329	0.300203	0.554974	-1.80188	0.0914508	0.360804	-2.77159	0.567769	0.728521	-1.37264	0.451122	1.52365	1.52365	0.721991	1.21646	1.21646	0.00344774	8.83282	8.83282	0.593157	1.34418	1.34418	0.75791	0.844025	-1.1848	2.85725	13.6133	4.2351	1
cg14513570	DAPL1	0.0770651	0.0332201	0.425096	-2.35241	0.0322251	0.422336	-2.36778	0.0339019	0.426948	-2.3422	0.0498173	0.463529	-2.15736	0.024346	0.397636	-2.51486	0.161478	0.598185	-1.67172	0.0624713	0.486481	-2.05558	0.374188	0.730901	-1.36817	0.158519	0.595708	-1.67867	2.85724	5.34443	1.66265	1
cg00911446	CAMTA1	0.0770653	0.0420118	0.185692	-5.38527	0.0836105	0.252607	-3.95872	0.0781527	0.245055	-4.08071	0.0474987	0.196147	-5.09823	0.0185121	0.12843	-7.78635	0.0705044	0.233993	-4.27363	0.045726	0.192846	-5.18548	0.0569559	0.212701	-4.70145	0.505779	0.615606	-1.62442	2.85724	23.3641	7.2686	1
cg00471768	FLRT3;MACROD2;FLRT3	0.0770668	0.238541	0.762979	-1.31065	0.0443519	0.602839	-1.65882	0.0209446	0.543992	-1.83826	0.620965	1.11542	1.11542	0.183412	0.733951	-1.36249	0.232178	0.75989	-1.31598	0.0694504	1.56053	1.56053	0.337274	1.24209	1.24209	0.82955	0.953854	-1.04838	2.85721	2.17312	0.676066	1
cg02570643	AP3B1	0.077067	0.504032	0.808899	-1.23625	0.650327	1.15343	1.15343	0.370832	0.750189	-1.333	0.0632956	1.92182	1.92182	0.121382	0.591382	-1.69095	0.15658	0.622523	-1.60637	0.385044	1.32122	1.32122	0.0110643	2.70914	2.70914	0.94694	1.02104	1.02104	2.85721	4.42721	1.37732	1
cg17072811	EP400NL	0.0770671	0.0654208	0.417102	-2.3975	0.696258	1.18044	1.18044	0.517964	0.757951	-1.31935	0.629045	0.813978	-1.22853	0.0296639	0.338787	-2.95171	0.442782	0.718283	-1.39221	0.00381378	0.192125	-5.20495	0.912256	0.954461	-1.04771	0.253643	0.60406	-1.65547	2.85721	8.09054	2.517	1
cg06484397	GLIPR2	0.0770672	0.902044	1.01506	1.01506	0.992076	1.00121	1.00121	0.345551	1.12513	1.12513	0.0702121	0.782208	-1.27843	0.0109226	0.678607	-1.47361	0.259757	0.867036	-1.15335	0.0137776	0.691073	-1.44703	0.585821	0.935404	-1.06906	0.920004	0.987883	-1.01227	2.85721	0.666503	0.207352	1
cg12400781	APC2	0.0770672	0.0612532	4.78877	4.78877	0.186378	2.83028	2.83028	0.378984	1.95486	1.95486	0.0430211	5.63647	5.63647	0.586714	1.50328	1.50328	0.11938	3.5083	3.5083	0.0157674	8.99878	8.99878	0.0332025	6.35294	6.35294	0.0237627	7.42085	7.42085	2.85721	24.9595	7.765	1
cg03707776	RIC3;RIC3	0.0770682	0.317259	0.827145	-1.20898	0.0330247	1.58028	1.58028	0.520192	1.12711	1.12711	0.302048	0.821795	-1.21685	0.5684	1.11163	1.11163	0.523999	0.88822	-1.12585	0.0102876	0.552344	-1.81047	0.361872	0.841943	-1.18773	0.184142	0.772121	-1.29513	2.85719	1.52479	0.47437	1
cg21568317	MIA3	0.0770721	0.212477	1.19977	1.19977	0.0382581	0.71674	-1.39521	0.207713	1.20231	1.20231	0.690562	1.05707	1.05707	0.731762	1.04888	1.04888	0.166974	1.22671	1.22671	0.104161	0.781611	-1.27941	0.3039	0.862707	-1.15914	0.0356156	1.40385	1.40385	2.85713	0.870409	0.270795	1
cg13479204	HOXB3	0.0770723	0.463217	1.74122	1.74122	?	?	?	0.0100222	11.1835	11.1835	0.456285	1.75688	1.75688	0.2304	0.392764	-2.54606	0.801673	0.829496	-1.20555	0.859468	0.876666	-1.14069	0.0261817	7.09434	7.09434	0.431253	0.550658	-1.81601	2.89301	22.4681	7.76635	1
cg09827048	RPS15AP10;GPBP1L1	0.0770733	0.175558	2.21044	2.21044	0.833858	0.890772	-1.12262	0.427512	0.640113	-1.56222	0.156346	2.30481	2.30481	0.0700449	3.05073	3.05073	0.124648	2.49795	2.49795	0.00770797	6.58789	6.58789	0.06103	3.19826	3.19826	0.12548	2.49211	2.49211	2.85711	13.722	4.26912	1
cg04230253	SLC45A1	0.0770733	0.884469	0.94505	-1.05814	0.371658	1.4284	1.4284	0.614727	0.82096	-1.21809	0.661759	1.18663	1.18663	0.00342045	0.213083	-4.693	0.0885131	0.481695	-2.076	0.321961	1.48843	1.48843	0.531009	1.27976	1.27976	0.427905	0.730065	-1.36974	2.85711	6.83722	2.12716	1
cg09758842	NCRNA00164	0.0770738	0.881029	1.04255	1.04255	0.451163	0.80765	-1.23816	0.00566038	0.36415	-2.74612	0.0828838	0.586042	-1.70636	0.0518097	0.540209	-1.85114	0.8934	0.96338	-1.03801	0.154207	1.52872	1.52872	0.495877	0.824969	-1.21217	0.740099	0.911526	-1.09706	2.85711	3.50381	1.09009	1
cg22212156	SNTA1;SNTA1	0.0770738	0.0428245	1.5223	1.5223	0.0597325	1.46663	1.46663	0.221406	1.26073	1.26073	0.713562	1.06871	1.06871	0.683315	1.07673	1.07673	0.658992	0.923067	-1.08335	0.587599	1.10374	1.10374	0.00585747	1.91595	1.91595	0.0509391	1.49302	1.49302	2.85711	1.47027	0.457424	1
cg06254729	BRE;BRE;BRE;BRE;BRE	0.0770791	0.263102	0.672227	-1.48759	0.406292	1.33536	1.33536	0.891053	1.04776	1.04776	0.983613	0.993033	-1.00702	0.0236976	0.398808	-2.50747	0.195429	0.627428	-1.59381	0.0428191	2.21138	2.21138	0.118835	1.77943	1.77943	0.152796	0.593773	-1.68415	2.85703	5.24351	1.63138	1
cg20411756	DRD4	0.0770797	0.428045	1.32793	1.32793	0.088318	1.93318	1.93318	0.52595	0.79831	-1.25265	0.627792	0.842606	-1.18679	0.888831	0.952157	-1.05025	0.0924092	1.914	1.914	0.00758674	3.3324	3.3324	0.032878	2.39836	2.39836	0.90889	0.960667	-1.04094	2.85702	5.55956	1.72972	1
cg25938977	GAS2;GAS2;GAS2	0.0770807	0.518956	0.925846	-1.08009	0.00445521	0.639512	-1.56369	0.566196	1.07072	1.07072	0.878113	0.982078	-1.01825	0.433341	0.910087	-1.0988	0.464877	1.09161	1.09161	0.0788755	0.794575	-1.25853	0.108841	0.813773	-1.22884	0.323694	1.12762	1.12762	2.857	0.628336	0.195492	1
cg20640026	GABRR2	0.0770825	0.526223	1.07749	1.07749	0.0308626	1.34262	1.34262	0.066318	1.27043	1.27043	0.855618	1.02139	1.02139	0.71119	1.04417	1.04417	0.960633	1.00575	1.00575	0.00836114	1.47936	1.47936	0.0220682	1.37582	1.37582	0.468312	1.08954	1.08954	2.85697	0.61114	0.190144	1
cg23426473	EN2	0.0770839	0.0232559	0.209906	-4.76404	0.839611	0.889908	-1.12371	0.268619	1.94092	1.94092	0.424552	0.625384	-1.59902	0.0513161	0.278834	-3.58636	0.889372	0.923019	-1.0834	0.0112146	0.160594	-6.2269	0.508512	0.67974	-1.47115	0.111439	0.368649	-2.71261	2.85695	14.9894	4.66367	1
cg04936632	ERBB2	0.0770841	0.0520895	0.285581	-3.50164	0.106298	0.367758	-2.71918	0.126907	0.392051	-2.55069	0.724938	0.81843	-1.22185	0.00938856	0.154444	-6.47483	0.0402747	0.260843	-3.83372	0.103359	0.364077	-2.74667	0.277758	0.527207	-1.89679	0.0346075	0.247256	-4.0444	2.85695	14.5551	4.52855	1
cg00256081	GALNS	0.0770842	0.314011	0.624544	-1.60117	0.624857	1.24956	1.24956	0.970978	1.01658	1.01658	0.773577	0.877739	-1.13929	0.00206592	0.140666	-7.10904	0.365604	0.656891	-1.52232	0.179891	0.525244	-1.90388	0.07666	0.410571	-2.43563	0.599904	0.787199	-1.27033	2.85695	9.24736	2.87715	1
cg13203811	AGAP2	0.0770856	0.491963	0.871692	-1.14719	0.410216	1.18021	1.18021	0.0129599	0.545107	-1.8345	0.651677	0.914471	-1.09353	0.530294	0.882429	-1.13324	0.319402	1.22439	1.22439	0.0828968	0.685368	-1.45907	0.040413	0.627664	-1.59321	0.047399	0.640013	-1.56247	2.85693	1.75149	0.544949	1
cg19815574	DACT3	0.0770875	0.270409	0.692936	-1.44313	0.859578	1.05824	1.05824	0.846445	1.06394	1.06394	0.507046	0.80641	-1.24006	0.419123	1.30198	1.30198	0.0643825	1.94299	1.94299	0.0077829	2.98105	2.98105	0.324054	1.3848	1.3848	0.105379	0.568052	-1.7604	2.8569	4.62327	1.43847	1
cg13201461	STXBP3	0.077088	0.570813	0.806516	-1.2399	0.436568	1.34706	1.34706	0.130301	1.84665	1.84665	0.16492	1.74384	1.74384	0.0262933	0.371875	-2.68908	0.352091	1.43255	1.43255	0.203451	0.604176	-1.65515	0.0722656	2.12335	2.12335	0.103868	1.94945	1.94945	2.85689	6.37539	1.98363	1
cg03315230	ABHD1	0.0770886	0.0351876	0.258351	-3.87071	0.0529224	0.297141	-3.36541	0.127661	0.403056	-2.48105	0.633734	1.30318	1.30318	0.0194645	0.210518	-4.7502	0.357341	1.68576	1.68576	0.186028	0.461402	-2.16731	0.430287	1.55912	1.55912	0.245978	0.512032	-1.953	2.85688	13.7701	4.28442	1
cg16590821	LONRF3;LONRF3	0.0770893	0.119161	9.66847	9.66847	0.890909	0.831848	-1.20214	0.895583	0.838483	-1.19263	0.689836	1.71288	1.71288	0.189544	0.154996	-6.45176	0.131977	0.112904	-8.85706	0.822522	1.35175	1.35175	0.0206577	42.0518	42.0518	0.0227049	38.8231	38.8231	2.85687	81.4375	25.3385	1
cg04895975	TCAP	0.0770893	0.281289	0.736492	-1.35779	0.134199	0.6433	-1.55449	0.891295	1.03805	1.03805	0.72755	0.908891	-1.10024	0.0537249	0.549753	-1.819	0.0279008	0.491823	-2.03325	0.0238458	0.478776	-2.08866	0.0523332	0.547311	-1.82712	0.0255573	0.484499	-2.06399	2.85687	3.37551	1.05026	1
cg24434988	ATHL1	0.0770896	0.0548354	0.494335	-2.02292	0.0437706	0.472453	-2.11661	0.865969	0.946815	-1.05617	0.124341	0.583714	-1.71317	0.0273226	0.429651	-2.32747	0.0174024	0.391897	-2.55169	0.0611964	0.505364	-1.97877	0.139025	0.597403	-1.67391	0.0917876	0.548507	-1.82313	2.85687	4.73572	1.47348	1
cg20009641	ALKBH3	0.0770935	0.950081	1.02565	1.02565	0.0811658	2.18634	2.18634	0.849879	1.07968	1.07968	0.763858	1.12964	1.12964	0.373328	0.690911	-1.44736	0.736596	1.14635	1.14635	0.00833925	0.255638	-3.91178	0.0462857	0.397068	-2.51846	0.206748	0.583487	-1.71383	2.85681	7.40595	2.30434	1
cg12868970	TP63;TP63;TP63;TP63;TP63;TP63	0.0770938	0.0926498	1.86584	1.86584	0.0298998	2.36589	2.36589	0.462142	1.28699	1.28699	0.621658	1.18255	1.18255	0.119731	0.566086	-1.76652	0.127218	1.74359	1.74359	0.531862	1.23793	1.23793	0.0213159	2.54135	2.54135	0.345641	0.720811	-1.38733	2.8568	5.14038	1.59942	1
cg16524830	C1orf103;C1orf103	0.0770943	0.442323	1.4411	1.4411	0.0984916	2.3284	2.3284	0.378679	0.656199	-1.52393	0.135462	2.1182	2.1182	0.255655	0.57492	-1.73937	0.729378	1.17586	1.17586	0.55528	0.757068	-1.32089	0.121923	0.457473	-2.18592	0.0104578	4.49678	4.49678	2.8568	9.84437	3.06306	1
cg18329036	CRLS1;CRLS1	0.077097	0.287265	0.711132	-1.40621	0.427923	0.779029	-1.28365	0.0971211	0.57021	-1.75374	0.145234	1.62025	1.62025	0.154026	0.624491	-1.6013	0.131614	1.65228	1.65228	0.0152349	0.398723	-2.50801	0.328023	1.36546	1.36546	0.505615	0.811888	-1.2317	2.85676	4.30671	1.34005	1
cg12718502	TULP3;TULP3	0.0770975	0.54342	0.890615	-1.12282	0.147947	1.33957	1.33957	0.0561581	1.50287	1.50287	0.0381893	1.57222	1.57222	0.125966	0.732093	-1.36595	0.342908	1.20206	1.20206	0.101338	0.713278	-1.40198	0.171362	1.3156	1.3156	0.292207	1.22854	1.22854	2.85675	1.60501	0.499407	1
cg04978408	UBXN11;UBXN11;UBXN11	0.0770987	0.0443216	0.677913	-1.47511	0.206472	1.25138	1.25138	0.812003	1.04091	1.04091	0.473797	1.13043	1.13043	0.169281	0.781583	-1.27945	0.269265	1.21364	1.21364	0.346729	0.849537	-1.17711	0.0119698	1.69494	1.69494	0.944773	1.01173	1.01173	2.85673	1.28139	0.398711	1
cg20685898	KIF5C	0.0770998	0.54396	1.19362	1.19362	0.0188702	2.26953	2.26953	0.111116	1.64896	1.64896	0.143617	1.57274	1.57274	0.11473	0.610006	-1.63933	0.107745	1.65827	1.65827	0.174671	1.51593	1.51593	0.0310146	2.07432	2.07432	0.345078	1.32343	1.32343	2.85671	3.75694	1.169	1
cg11446617	TBCC	0.0771025	0.013788	0.628381	-1.59139	0.161263	1.25651	1.25651	0.925913	0.985905	-1.0143	0.644437	1.0735	1.0735	0.0468298	1.41527	1.41527	0.103213	0.761834	-1.31262	0.617154	0.925965	-1.07995	0.716344	0.94583	-1.05727	0.213056	0.818617	-1.22157	2.85667	1.05385	0.32792	1
cg24386596	VAPB	0.0771043	0.556284	0.787957	-1.26911	0.267468	1.58823	1.58823	0.537638	1.28395	1.28395	0.637311	0.826811	-1.20947	0.835982	1.08656	1.08656	0.216372	0.593942	-1.68366	0.0210784	0.329239	-3.03731	0.0343011	0.372003	-2.68815	0.0201619	0.32556	-3.07163	2.85664	7.25573	2.25773	1
cg09036505	SSBP3;SSBP3;SSBP3	0.0771069	0.650406	0.940583	-1.06317	0.258182	1.17164	1.17164	0.192495	1.20346	1.20346	0.939999	1.01016	1.01016	0.449861	1.10891	1.10891	0.0563211	1.33664	1.33664	0.00753683	0.630248	-1.58668	0.575913	0.926932	-1.07883	0.376051	0.885177	-1.12972	2.85661	0.815545	0.253773	1
cg26612165	IER5;IER5	0.0771124	0.0234022	0.18305	-5.463	0.125334	0.353431	-2.82941	0.781995	0.840369	-1.18995	0.0886912	0.3081	-3.2457	0.0294092	0.200236	-4.9941	0.111187	0.336922	-2.96804	0.0189784	0.168492	-5.93498	0.0537297	0.253279	-3.94822	0.145951	0.375818	-2.66086	2.85652	17.7827	5.53359	1
cg09784724	UBE2J1	0.0771143	0.198843	0.664299	-1.50535	0.0232676	0.441756	-2.26369	0.0416431	0.492856	-2.02899	0.653528	1.14581	1.14581	0.00870941	0.365304	-2.73744	0.260832	0.702372	-1.42375	0.570486	1.18854	1.18854	0.657126	0.87408	-1.14406	0.414645	0.777862	-1.28557	2.85649	4.10579	1.27765	1
cg01991743	HLA-DPB1	0.0771168	0.41051	1.62065	1.62065	0.0481353	3.65388	3.65388	0.0142013	0.176298	-5.67222	0.597055	1.35807	1.35807	0.542306	0.701976	-1.42455	0.295074	1.86444	1.86444	0.44888	1.55697	1.55697	0.066156	0.306537	-3.26225	0.750742	0.832906	-1.20062	2.85646	14.8897	4.63348	1
cg08297140	FBXO32	0.0771181	0.1938	0.815972	-1.22553	0.143995	0.792793	-1.26136	0.080923	1.33146	1.33146	0.0677632	1.35346	1.35346	0.716471	1.05543	1.05543	0.362789	0.870786	-1.14839	0.0207983	0.66258	-1.50925	0.575056	1.0874	1.0874	0.511785	1.10344	1.10344	2.85643	0.989886	0.308041	1
cg17094624	EFCAB2;EFCAB2;EFCAB2	0.0771187	0.103738	0.547404	-1.82681	0.828752	1.07612	1.07612	0.15519	1.67394	1.67394	0.603566	0.837421	-1.19414	0.00383686	0.267168	-3.74296	0.314192	0.702916	-1.42264	0.937828	1.02677	1.02677	0.454146	0.772415	-1.29464	0.148425	0.591564	-1.69043	2.85643	5.18918	1.61482	1
cg25120326	FBLN2;FBLN2	0.0771215	0.650828	1.43765	1.43765	0.0378551	6.8098	6.8098	0.603017	1.51894	1.51894	0.519011	0.594026	-1.68343	0.0545003	0.175868	-5.68609	0.163784	3.26697	3.26697	0.0265107	8.12858	8.12858	0.108284	4.03828	4.03828	0.28776	2.40926	2.40926	2.85638	28.7139	8.93559	1
cg20390045	RAB3C	0.0771245	0.0203288	1.70109	1.70109	0.772745	0.946487	-1.05654	0.113033	1.38764	1.38764	0.0937673	0.704662	-1.41912	0.279719	0.807798	-1.23793	0.104722	0.714053	-1.40046	0.0982562	0.708615	-1.4112	0.877986	1.02961	1.02961	0.993384	0.998426	-1.00158	2.85634	1.63204	0.50789	1
cg21583821	PASK	0.0771249	0.123438	0.683684	-1.46266	0.249948	1.31519	1.31519	0.598508	0.88596	-1.12872	0.601965	1.12741	1.12741	0.019735	0.526416	-1.89964	0.321469	1.26291	1.26291	0.361312	1.23843	1.23843	0.383412	0.815725	-1.2259	0.0212346	0.531993	-1.87972	2.85633	2.34918	0.731065	1
cg12636785	PLD5	0.077125	0.039198	0.2084	-4.79847	0.0447664	0.220014	-4.54516	0.100783	0.306876	-3.25865	0.153241	0.365996	-2.73227	0.0439824	0.218434	-4.57805	0.120676	0.330815	-3.02283	0.116037	0.325429	-3.07287	0.0110347	0.123037	-8.12761	0.0906624	0.293724	-3.40456	2.85633	19.5404	6.08095	1
cg04547205	PLIN5	0.0771269	0.444535	0.837855	-1.19352	0.316393	1.26504	1.26504	0.164279	1.4005	1.4005	0.472569	1.18037	1.18037	0.206669	0.739121	-1.35296	0.975325	1.00704	1.00704	0.0117681	0.489618	-2.04241	0.0839733	1.54343	1.54343	0.173805	1.38879	1.38879	2.8563	2.33048	0.725252	1
cg15703221	PLA2R1;PLA2R1	0.077128	0.0613626	13.3036	13.3036	0.0376252	19.3193	19.3193	0.0751529	11.3927	11.3927	0.136362	7.17375	7.17375	0.705634	1.59349	1.59349	0.384535	2.98826	2.98826	0.0190683	32.5882	32.5882	0.018604	33.219	33.219	0.0715578	11.8287	11.8287	2.85629	68.1959	21.2229	1
cg19965511	HCRT	0.0771284	0.119443	0.740285	-1.35083	0.0256866	1.60258	1.60258	0.36624	0.847717	-1.17964	0.337592	1.19237	1.19237	0.163169	0.767281	-1.3033	0.0547396	1.4737	1.4737	0.948856	1.01148	1.01148	0.976493	1.00526	1.00526	0.0779197	1.41715	1.41715	2.85628	1.43288	0.44592	1
cg25413906	USP12	0.0771325	0.961293	1.01129	1.01129	0.467936	0.842951	-1.18631	0.640933	0.897037	-1.11478	0.0503062	0.59681	-1.67558	0.979394	0.994043	-1.00599	0.868782	0.962474	-1.03899	0.00189729	0.361283	-2.76791	0.931328	0.98026	-1.02014	0.852596	1.04397	1.04397	2.85622	2.42071	0.753354	1
cg18090064	C17orf69;C17orf69	0.0771333	0.214929	1.25707	1.25707	0.411595	1.15851	1.15851	0.33301	0.839451	-1.19125	0.436336	0.870081	-1.14932	0.0205126	0.613121	-1.631	0.0137518	0.586373	-1.7054	0.309754	1.20227	1.20227	0.545594	1.11315	1.11315	0.894759	0.977072	-1.02347	2.8562	1.38934	0.432382	1
cg13799302	CYP2J2	0.0771335	0.728589	0.968542	-1.03248	0.0280853	0.788192	-1.26873	0.0674156	0.828586	-1.20688	0.0752477	0.833813	-1.19931	0.531337	1.05991	1.05991	0.0277243	1.26967	1.26967	0.671407	1.03993	1.03993	0.616931	0.954781	-1.04736	0.758204	0.972065	-1.02874	2.8562	0.380844	0.118524	1
cg22883710	PPIB	0.0771337	0.385687	1.17506	1.17506	0.0153667	0.582974	-1.71534	0.692885	1.07466	1.07466	0.730585	1.06471	1.06471	0.333685	1.19826	1.19826	0.112418	1.3682	1.3682	0.0668157	0.688841	-1.45171	0.136306	1.33797	1.33797	0.27802	1.22706	1.22706	2.8562	1.48846	0.463229	1
cg03138405	GLT25D1	0.0771357	0.510475	0.912325	-1.0961	0.245715	0.846292	-1.18163	0.618354	0.933291	-1.07148	0.143099	1.24151	1.24151	0.018479	0.675176	-1.4811	0.131339	0.799382	-1.25097	0.655076	1.06376	1.06376	0.270448	0.854082	-1.17085	0.0137071	0.657719	-1.52041	2.85617	0.85474	0.26601	1
cg00844376	MARVELD1;MARVELD1;MARVELD1	0.0771364	0.559872	1.19611	1.19611	0.809065	1.0763	1.0763	0.19459	1.51707	1.51707	0.50362	0.81371	-1.22894	0.644324	1.15166	1.15166	0.00261553	3.54635	3.54635	0.133467	0.611621	-1.635	0.602871	1.17285	1.17285	0.689425	1.12977	1.12977	2.85616	4.17328	1.2988	1
cg02961267	COL6A4P2	0.0771374	0.0760122	0.520844	-1.91996	0.127896	0.580547	-1.72251	0.0198996	0.395138	-2.53076	0.697253	1.13787	1.13787	0.0527353	0.483127	-2.06985	0.0547708	0.486896	-2.05383	0.0547696	0.486894	-2.05384	0.0348715	0.443801	-2.25326	0.475927	0.787034	-1.27059	2.85614	4.93718	1.53655	1
cg21832801	SLN	0.0771377	0.755513	0.934065	-1.07059	0.804483	1.05566	1.05566	0.0219355	0.54863	-1.82272	0.0856472	1.51417	1.51417	0.0254704	1.78573	1.78573	0.289819	0.786692	-1.27115	0.186908	1.3573	1.3573	0.860988	1.03902	1.03902	0.578479	0.884649	-1.13039	2.85614	2.15715	0.671349	1
cg26426488	SLC12A9	0.0771382	0.0221318	0.142763	-7.00463	0.0295031	0.162239	-6.16373	0.547015	0.648935	-1.54099	0.19833	0.381146	-2.62367	0.0899176	0.26546	-3.76704	0.243911	0.421034	-2.3751	0.0169132	0.126525	-7.9036	0.034757	0.174439	-5.73265	0.132197	0.315744	-3.16712	2.85613	22.7727	7.08735	1
cg22741626	GNAS;GNAS;GNAS;GNAS	0.0771404	0.0196424	0.428118	-2.3358	0.02142	0.435225	-2.29766	0.81154	0.930632	-1.07454	0.191969	0.65988	-1.51543	0.0792591	0.556337	-1.79747	0.074813	0.55033	-1.81709	0.161168	0.637375	-1.56893	0.129179	0.610509	-1.63798	0.0213796	0.435069	-2.29849	2.8561	4.09739	1.27521	1
cg20820622	TLE3;TLE3;TLE3	0.0771407	0.971954	0.986949	-1.01322	0.00161981	0.184825	-5.41051	0.382722	0.715703	-1.39723	0.396098	1.38366	1.38366	0.571681	0.807701	-1.23808	0.554289	0.799703	-1.25046	0.393162	0.72119	-1.3866	0.202696	0.604995	-1.65291	0.974265	1.01213	1.01213	2.85609	6.31588	1.96566	1
cg03970229	MTNR1B	0.0771408	0.536717	0.722743	-1.38362	0.753323	0.849052	-1.17778	0.0293999	3.78697	3.78697	0.423448	0.654195	-1.5286	0.0897033	0.378702	-2.6406	0.134652	0.432924	-2.30988	0.189133	0.485757	-2.05864	0.0667	2.90703	2.90703	0.208829	1.98906	1.98906	2.85609	12.1865	3.79274	1
cg13509363	C9orf172	0.0771412	0.271575	1.98258	1.98258	0.00844656	7.47049	7.47049	0.0606735	3.54181	3.54181	0.513948	1.48558	1.48558	0.272256	1.9805	1.9805	0.115465	2.78231	2.78231	0.0489467	3.83595	3.83595	0.0195288	5.40725	5.40725	0.897661	1.07998	1.07998	2.85609	16.1745	5.03393	1
cg19587038	PIK3R3;PIK3R3;PIK3R3	0.0771416	0.916221	1.01605	1.01605	0.130697	1.28017	1.28017	0.163126	1.25267	1.25267	0.479431	1.11494	1.11494	0.132744	1.27824	1.27824	0.444887	0.888819	-1.12509	0.0062325	0.583	-1.71526	0.765952	1.04621	1.04621	0.456447	1.12163	1.12163	2.85608	1.03598	0.322425	1
cg19696718	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0771435	0.0299546	1.98071	1.98071	0.21893	1.41345	1.41345	0.0317835	0.509891	-1.96121	0.335526	1.30445	1.30445	0.371421	0.782222	-1.27841	0.248515	1.38104	1.38104	0.0475098	1.83429	1.83429	0.822154	0.941527	-1.0621	0.847653	1.05282	1.05282	2.85605	3.23988	1.00835	1
cg21783387	EPHX1	0.0771448	0.55557	0.874112	-1.14402	0.0501092	1.65549	1.65549	0.574622	1.13653	1.13653	0.0282067	0.557217	-1.79463	0.118822	1.46532	1.46532	0.0351921	0.574846	-1.7396	0.670627	0.907969	-1.10136	0.925567	1.02131	1.02131	0.466613	0.846042	-1.18197	2.85603	2.30375	0.717003	1
cg23059868	CDK11A;CDK11B;CDK11B;CDK11B;CDK11B;CDK11A;CDK11B;CDK11B	0.0771457	0.738462	0.958298	-1.04352	0.0643008	1.30245	1.30245	0.512931	0.919109	-1.08801	0.481765	1.09515	1.09515	0.0351158	0.731958	-1.3662	0.0380637	0.736639	-1.35752	0.537948	0.923785	-1.0825	0.138496	0.816495	-1.22475	0.149789	1.21688	1.21688	2.85602	0.730934	0.227491	1
cg19204693	LRP5	0.0771461	0.476596	0.781961	-1.27884	0.00546615	3.4615	3.4615	0.0460427	2.17477	2.17477	0.517468	0.800115	-1.24982	0.809337	0.921139	-1.08561	0.4595	1.29166	1.29166	0.240574	1.5182	1.5182	0.315127	0.702593	-1.4233	0.622219	0.844706	-1.18384	2.85601	5.22349	1.62573	1
cg05606948	MIPEP	0.0771483	0.561134	1.15786	1.15786	0.836115	0.949645	-1.05302	0.438584	0.821138	-1.21782	0.136443	0.67019	-1.49211	0.00810611	0.429304	-2.32935	0.985436	0.995458	-1.00456	0.0335262	1.85791	1.85791	0.4767	0.834868	-1.19779	0.286636	0.758822	-1.31783	2.85598	2.8141	0.875854	1
cg24339043	SPRYD3	0.0771493	0.473608	1.1555	1.1555	0.0174445	1.77517	1.77517	0.615292	1.1057	1.1057	0.111458	0.709069	-1.4103	0.803567	0.951779	-1.05066	0.0248431	1.69833	1.69833	0.126553	0.720543	-1.38784	0.650097	1.09479	1.09479	0.806002	0.952377	-1.05	2.85596	1.77878	0.553627	1
cg09484077	PLP1	0.0771505	0.161691	3.28445	3.28445	0.794088	0.812082	-1.2314	0.936294	0.938367	-1.06568	0.909625	0.9136	-1.09457	0.329013	0.448572	-2.2293	0.174708	3.15435	3.15435	0.0103631	13.0593	13.0593	0.0471531	6.09548	6.09548	0.0408985	6.53989	6.53989	2.85594	28.6439	8.91518	1
cg25124406	DUSP6;DUSP6	0.077151	0.133604	0.647634	-1.54408	0.0655962	0.574177	-1.74162	0.298091	1.33591	1.33591	0.250977	1.37997	1.37997	0.473872	1.21601	1.21601	0.0415779	1.87925	1.87925	0.0442029	0.537587	-1.86017	0.680068	0.894638	-1.11777	0.356822	0.775336	-1.28976	2.85594	3.26091	1.01493	1
cg06295294	C4orf45;C4orf45	0.077151	0.104787	1.65467	1.65467	0.158639	0.651783	-1.53425	0.0791621	0.574832	-1.73964	0.41065	1.26998	1.26998	0.37822	0.773502	-1.29282	0.0848217	0.581934	-1.71841	0.0200676	0.450732	-2.21861	0.322385	1.33694	1.33694	0.45417	0.805266	-1.24183	2.85594	3.65002	1.13604	1
cg11749672	CD37;CD37	0.0771534	0.0328537	6.88985	6.88985	0.403879	1.93565	1.93565	0.218336	2.72146	2.72146	0.400665	1.94484	1.94484	0.391227	0.506993	-1.97241	0.437323	1.84531	1.84531	0.00789069	13.9447	13.9447	0.493083	0.58378	-1.71297	0.0543442	5.40972	5.40972	2.8559	27.0424	8.41686	1
cg18822137	UBE2E3;UBE2E3	0.0771534	0.591093	0.72281	-1.38349	0.397857	1.67886	1.67886	0.657378	1.30627	1.30627	0.724788	1.23561	1.23561	0.0485458	0.259578	-3.85241	0.410066	0.603977	-1.65569	0.00467242	0.105291	-9.49749	0.990919	0.993212	-1.00683	0.0825436	0.316352	-3.16104	2.8559	16.203	5.04312	1
cg23296572	TRPV6	0.0771548	0.0068297	0.423952	-2.35876	0.953191	0.985726	-1.01448	0.310459	0.773355	-1.29307	0.799194	1.06442	1.06442	0.791973	1.06688	1.06688	0.51625	1.17491	1.17491	0.125544	0.666302	-1.50082	0.10269	0.645784	-1.54851	0.0270343	0.526704	-1.8986	2.85588	2.71278	0.84435	1
cg22576171	KIAA1644	0.0771549	0.206487	0.647659	-1.54402	0.201365	0.644111	-1.55253	0.0905117	0.544412	-1.83684	0.70086	0.881755	-1.1341	0.3144	0.712358	-1.40379	0.995162	0.998025	-1.00198	0.168681	0.619928	-1.61309	0.00194265	0.239516	-4.17509	0.233486	0.665486	-1.50266	2.85588	4.80729	1.49627	1
cg05708396	TNS3	0.0771577	0.0159859	0.577512	-1.73157	0.747595	1.06194	1.06194	0.124215	1.36323	1.36323	0.670904	1.08281	1.08281	0.389727	1.17829	1.17829	0.512726	0.883756	-1.13153	0.041262	1.54997	1.54997	0.64309	1.09074	1.09074	0.11038	0.723356	-1.38245	2.85583	1.56711	0.487769	1
cg07718321	MANEA	0.0771601	0.0588933	0.557831	-1.79266	0.0877645	1.67145	1.67145	0.841449	1.05525	1.05525	0.0273525	0.486891	-2.05385	0.289458	0.743167	-1.34559	0.355075	0.773776	-1.29236	0.0803628	1.69751	1.69751	0.307714	1.32966	1.32966	0.705153	1.10751	1.10751	3.06075	3.41924	0.868874	1
cg04227961	RASAL1	0.0771602	0.0257745	10.4464	10.4464	0.127856	4.30052	4.30052	0.0403417	8.15544	8.15544	0.510617	0.553596	-1.80637	0.597907	0.623984	-1.60261	0.0349186	8.83081	8.83081	0.393852	0.461195	-2.16828	0.0882396	5.29566	5.29566	0.512842	1.8006	1.8006	2.8558	35.5157	11.0545	1
cg12246472	ITIH5;ITIH5	0.0771622	0.0292694	0.126956	-7.87675	0.692006	1.3771	1.3771	0.08143	0.211787	-4.72172	0.839163	0.849319	-1.17741	0.0110662	0.0772604	-12.9432	0.168221	3.25477	3.25477	0.677893	0.714864	-1.39887	0.155236	0.294551	-3.395	0.406638	0.505492	-1.97827	2.85577	29.2111	9.09226	1
cg09097916	PDCD6	0.0771625	0.849312	1.04502	1.04502	0.884914	1.0341	1.0341	0.113004	0.670731	-1.49091	0.40308	1.2191	1.2191	0.811171	0.94609	-1.05698	0.39021	1.22612	1.22612	0.00827176	2.18549	2.18549	0.238052	1.33129	1.33129	0.0584071	0.609481	-1.64074	2.85576	2.42467	0.754708	1
cg14096051	FLJ39582;THAP7;THAP7;FLJ39582	0.0771655	0.126606	0.388233	-2.57577	0.210514	0.469791	-2.12861	0.888113	1.08394	1.08394	0.137709	0.400417	-2.49739	0.00432786	0.112637	-8.87805	?	?	?	0.49691	1.48428	1.48428	0.667417	0.780741	-1.28083	0.507836	1.46912	1.46912	2.89156	13.3452	4.61522	1
cg13392587	NAGLU	0.0771658	0.016994	0.137334	-7.28154	0.999559	0.999623	-1.00038	0.501677	1.59222	1.59222	0.990216	1.0084	1.0084	0.0332926	0.183238	-5.45739	0.0591938	0.23386	-4.27607	0.0641046	0.241901	-4.13392	0.291002	0.473585	-2.11155	0.0534504	0.223961	-4.46507	2.85571	21.0432	6.55004	1
cg20152234	BBS9;BBS9;BBS9;BBS9	0.0771673	0.397176	1.14821	1.14821	0.0387547	0.682828	-1.4645	0.01002	0.595583	-1.67903	0.55702	1.09931	1.09931	0.0932117	0.745002	-1.34228	0.289195	1.1917	1.1917	0.359498	0.860549	-1.16205	0.630253	0.925596	-1.08038	0.191229	0.80205	-1.24681	2.85569	1.14928	0.357737	1
cg18828619	PELI2	0.0771682	0.521884	0.879905	-1.13649	0.906451	0.977096	-1.02344	0.369518	0.833898	-1.19919	0.797307	0.950538	-1.05204	0.00470878	0.477004	-2.09642	0.749239	0.938748	-1.06525	0.193388	1.31162	1.31162	0.144763	1.36166	1.36166	0.105402	0.705617	-1.4172	2.85568	1.75696	0.54689	1
cg19174831	MYO16	0.0771682	0.172438	2.64152	2.64152	0.15316	2.78208	2.78208	0.0480547	4.53347	4.53347	0.990562	1.00794	1.00794	0.572212	0.682662	-1.46485	0.227036	2.33574	2.33574	0.00687149	10.3923	10.3923	0.041964	4.796	4.796	0.150167	2.80603	2.80603	2.85568	20.2353	6.29867	1
cg08037922	C1orf125;C1orf125;NPHS2	0.0771695	0.510202	1.16409	1.16409	0.0449934	0.592559	-1.6876	0.0470725	0.596352	-1.67686	0.225637	1.33569	1.33569	0.0551361	1.63983	1.63983	0.0956505	1.51642	1.51642	0.26645	1.30132	1.30132	0.594539	1.12998	1.12998	0.677769	1.09971	1.09971	2.85566	2.34011	0.728414	1
cg13101330	NRXN3;NRXN3;NRXN3	0.0771698	0.481434	0.722221	-1.38462	0.248612	0.577838	-1.73059	0.627099	0.800399	-1.24938	0.0899102	0.427368	-2.3399	0.099	0.439314	-2.27628	0.162756	1.96925	1.96925	0.0239851	0.293859	-3.40299	0.0777013	2.43924	2.43924	0.186832	0.529229	-1.88954	2.85565	9.35383	2.9116	1
cg14021555	TTLL1;TTLL1	0.0771698	0.685755	0.962447	-1.03902	0.0128113	1.33763	1.33763	0.539643	1.06017	1.06017	0.907945	0.989175	-1.01094	0.611449	0.952937	-1.04939	0.388658	0.920229	-1.08669	0.784594	1.02612	1.02612	0.0253975	0.778791	-1.28404	0.0795432	0.832669	-1.20096	2.85565	0.400448	0.124649	1
cg17881208	KIAA0748	0.0771698	0.145728	0.367022	-2.72463	0.744858	0.810953	-1.23312	0.246308	0.459307	-2.17719	0.0431202	0.22464	-4.45157	0.0173454	0.155761	-6.42009	0.250373	0.462651	-2.16146	0.00948543	0.121343	-8.24109	0.0546415	0.246869	-4.05073	0.232979	0.448184	-2.23123	2.85565	18.6244	5.79729	1
cg13403462	NECAB3;NECAB3;C20orf134;C20orf134	0.0771702	0.157255	0.444366	-2.2504	0.550084	0.72306	-1.38301	0.471147	1.48157	1.48157	0.0333132	3.79589	3.79589	0.144525	0.431499	-2.3175	0.210933	0.493199	-2.02758	0.26744	0.5382	-1.85805	0.0931504	0.371393	-2.69257	0.0774174	2.86533	2.86533	2.85565	13.0061	4.04846	1
cg22072691	MAGED2;SNORA11;MAGED2;MAGED2	0.0771704	0.220663	1.69147	1.69147	0.490034	0.751106	-1.33137	0.75919	1.13372	1.13372	0.312136	0.652592	-1.53235	0.0147466	0.293747	-3.40429	0.494461	0.753365	-1.32738	0.0739901	2.25428	2.25428	0.0511701	2.47558	2.47558	0.882392	1.06229	1.06229	2.85564	7.53581	2.34571	1
cg14595315	NPAS2	0.0771727	0.460732	0.870703	-1.1485	0.200044	1.28348	1.28348	0.728852	0.937856	-1.06626	0.105021	0.721386	-1.38622	0.113175	0.727718	-1.37416	0.403909	0.854308	-1.17054	0.0179957	1.69877	1.69877	0.687995	0.928277	-1.07727	0.054643	0.669047	-1.49466	2.85561	1.53727	0.478518	1
cg19544065	MYT1L	0.0771745	0.0213627	0.242015	-4.13198	0.0255807	0.256493	-3.89874	0.0814149	0.371271	-2.69345	0.151486	0.45459	-2.19978	0.0615207	0.339443	-2.946	0.109945	0.409104	-2.44437	0.0533514	0.324372	-3.08288	0.0795401	0.368505	-2.71367	0.0446313	0.306448	-3.2632	2.85558	11.9009	3.70452	1
cg22129135	NPHP4	0.0771781	0.0589877	0.39148	-2.55441	0.201883	1.80879	1.80879	0.614336	0.799748	-1.25039	0.125754	0.482557	-2.07229	0.0124427	0.25464	-3.92711	0.141675	0.499091	-2.00364	0.16285	0.519352	-1.92547	0.614665	1.25013	1.25013	0.0736715	0.416049	-2.40356	2.85553	8.74758	2.72301	1
cg11519256	ASB13;ASB13	0.0771793	0.303545	0.815263	-1.2266	0.141585	0.738642	-1.35384	0.282201	0.807199	-1.23885	0.662589	0.919293	-1.08779	0.00868843	0.526773	-1.89835	0.22028	0.78113	-1.2802	0.0954776	0.703961	-1.42053	0.00707302	0.513191	-1.94859	0.628914	0.910892	-1.09782	2.85551	1.66131	0.517147	1
cg13309510	TTC15	0.0771795	0.076121	6.19826	6.19826	0.579332	1.67801	1.67801	0.667441	0.67062	-1.49116	0.169763	3.86453	3.86453	0.865456	0.854916	-1.16971	0.168208	3.88616	3.88616	0.00346127	39.2063	39.2063	0.117629	4.81082	4.81082	0.139357	4.35138	4.35138	2.8555	38.6413	12.0286	1
cg08303978	PTPLAD1	0.0771801	0.383986	0.811884	-1.2317	0.677227	0.906898	-1.10266	0.473881	1.18536	1.18536	0.0984999	1.52653	1.52653	0.824326	1.05327	1.05327	0.757345	0.930203	-1.07503	0.0114535	0.47777	-2.09306	0.0328788	1.79073	1.79073	0.460978	0.839271	-1.19151	2.8555	2.46483	0.767278	1
cg16098726	GP9	0.0771803	0.811157	1.08143	1.08143	0.483917	1.26196	1.26196	0.637487	0.856213	-1.16793	0.309069	0.70872	-1.41099	0.0035028	0.273791	-3.65242	0.469275	1.27226	1.27226	0.700768	1.13461	1.13461	0.0437908	0.468638	-2.13384	0.643926	0.858792	-1.16443	2.85549	4.83755	1.50589	1
cg16791601	HELB	0.0771821	0.0547141	1.86352	1.86352	0.222095	0.693118	-1.44276	0.0943879	0.591414	-1.69086	0.152924	0.645812	-1.54844	0.0304052	0.483446	-2.06848	0.598852	0.859303	-1.16373	0.0979601	1.6796	1.6796	0.379999	0.773179	-1.29336	0.864363	0.952335	-1.05005	2.85547	3.69014	1.14872	1
cg06121461	ATP5A1;ATP5A1;HAUS1;HAUS1	0.0771827	0.363882	1.57568	1.57568	0.0041595	6.49936	6.49936	0.0812291	2.56485	2.56485	0.223644	1.86451	1.86451	0.773803	1.15076	1.15076	0.302492	0.594231	-1.68285	0.234214	0.544627	-1.83612	0.506973	1.38827	1.38827	0.931579	1.04273	1.04273	2.85546	10.7383	3.34277	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	Ratio(105T vs. N)	Fold-Change(105T 057 vs. N)	Ratio(111T vs. N)	Fold-Change(111T 117 vs. N)	Ratio(112T vs. N)	Fold-Change(112T 127 vs. N)	Ratio(121T vs. N)	Fold-Change(121T 127 vs. N)	Ratio(121T vs. N)	Fold-Change(121T 217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg07249221	FHDC1	0.0771835	0.454281	0.77345	-1.29291	0.186506	0.623765	-1.60317	0.252852	0.668629	-1.4956	0.00224745	0.2265554	-4.22736	0.0480209	0.466849	-2.14202	0.374125	0.353	-1.33999	0.846137	0.936625	-1.00766	0.840621	0.1846637	-1.18114	0.115175	0.5614418	1.78112	2.85544	5.13713	1.59917	1
	FAM172A;FAM172A;FAM172A;FAM172																															
cg07423651	A	0.0771849	0.393278	0.665764	-1.50203	0.321302	0.620841	-1.61072	0.251817	0.572991	-1.74528	0.1088153	0.63235	-1.61281	0.0702627	0.5109158	-1.37986	0.49428	0.724046	-1.38113	0.08505535	0.209645	-4.76997	0.709204	1.14667	1.04609E-05	0.954341	-2.82214	2.65542	9.78714	3.84622	1
cg07439112	PAX6;PAX6;PAX6	0.0771871	0.0356258	17.3966	17.3966	0.0444325	14.8135	14.8135	0.0878946	9.05789	9.05789	0.133572	0.69153	6.69153	0.0370975	8.85856	16.8856	0.0471922	14.1802	14.1802	0.0297282	19.838	19.838	0.0589921	12.0612	12.0612	0.1159918	1.35483	7.35483	2.85539	61.6654	19.1966	1
cg03641032	RPTOR;RPTOR	0.0771896	0.0510877	0.626176	-1.597	0.201924	0.752833	-1.32832	0.102003	0.685831	-1.45809	0.770178	0.66367	0.106367	0.0356376	0.660369	-1.51431	0.0193313	1.81495	1.81495	0.492955	1.15802	1.15802	0.644996	0.906874	-1.10269	0.966109	0.991087	-1.00899	2.85535	2.00773	0.625017	1
cg22308285	MYT1L	0.0771897	0.4706468	1.363194	1.363194	0.0261168	1.048651	1.048651	0.3048035	0.1214651	0.20328	2.03208	0.493824	1.34105	0.1135244	0.48324	-2.06951	0.2529752	1.656007	1.656007	0.0118116	1.3725	1.3725	0.2802592	1.605985	1.605985	0.772397	1.885007	-1.12994	2.85535	8.805052	2.510985	1
cg10947146	XKR6	0.0771902	0.6505134	1.05301	1.05301	0.0326611	1.32726	1.32726	0.039303	1.31005	1.31005	0.568688	1.06742	1.06742	0.178651	1.17566	1.17566	0.0451985	0.77087	-1.29724	0.121472	1.20943	1.20943	0.857178	1.02061	1.02061	0.3293221	0.8922441	-1.12077	2.85534	0.5800068	0.180579	1
cg16421653	NFATC1;NFATC1;NFATC1;NFATC1	0.077191	0.210412	0.544001	-1.83823	0.0305637	0.316406	0.06705	0.026107	0.466062	-2.14566	0.211993	0.85396	1.853596	0.1538051	0.4944513	-2.0226	0.81391	0.896935	-1.11491	0.6019099	0.42601	0.42601	0.182668	1.91995	1.91995	0.2251007	1.799891	1.799891	2.85533	9.62298	2.99571	1
cg05858684	SMPX	0.0771911	0.429341	1.19209	1.19209	0.754962	1.07037	1.07037	0.168919	0.725178	-1.37897	0.293487	0.7283255	-1.22386	0.0331713	0.3981136	-2.51171	0.216611	0.752397	-1.32909	0.349229	1.23385	1.23385	0.832135	1.04717	1.04717	0.939321	0.9836007	-1.01667	3.06021	2.23633	0.56838	1
cg08741280	TACC3	0.0771934	0.701548	0.941965	-1.06161	0.459404	0.889621	-1.12407	0.676234	0.936872	-1.06738	0.549578	1.09857	1.09857	0.174752	1.25121	1.25121	0.477796	1.11858	1.11858	0.0119265	1.62771	1.62771	0.0349071	0.682702	-1.46477	0.183814	0.803379	-1.24474	2.8553	1.09017	0.339384	1
cg18993457	ANO9;ANO9	0.0771947	0.6570754	1.23675	1.23675	0.0888	1.10108	1.10108	0.0611358	0.7463614	2.74634	2.74634	0.0324259	3.289995	0.0431713	3.2032	2.10287	0.8814045	0.931484	1.07357	0.7	1.76984	1.76984	0.0413172	1.915558	0.0118784	0.45183	0.4518283	0.85528	10.226	3.1835	1
cg06421633	LUC7L3;LUC7L3	0.0771955	?	?	?	0.182337	0.281966	-3.54653	?	?	?	0.9349132	1.07576	1.07576	0.463268	0.512862	-1.94984	?	?	?	0.7509977	0.752213	-1.34263	0.86324	0.856221	-1.16792	0.00377077	0.0303067	-32.996	2.99245	25.2749	11.2616	1
cg16585933	LOC283997;PDCD4;PDCD4	0.0771961	0.723431	1.14707	1.14707	0.8605213	0.934578	-1.07027	0.857501	0.757191	-1.32081	0.5754993	0.8004405	-1.24915	0.0846619	0.2739007	-3.65087	0.0280799	0.368626	-2.71278	0.515598	1.27266	1.27266	0.672189	1.17791	1.17791	0.106096	1.96809	2.85525	6.60264	2.08353	1
cg03868400	CANX;CANX;CANX;CANX	0.0771964	0.232106	0.84677	-1.18096	0.879016	1.02042	1.02042	0.620438	1.0685	1.0685	0.953103	0.992225	-1.00784	0.271033	1.16426	1.16426	0.852373	0.975578	-1.02503	0.00828053	1.5653	1.5653	0.012148	1.51415	1.51415	0.9200337	1.01342	1.01342	2.85525	0.796562	0.247984	1
cg07394404	RRP15	0.0771989	0.755537	1.03911	1.03911	0.179455	1.19141	1.19141	0.360177	1.36579	1.36579	0.279884	0.871123	-1.14794	0.0739347	1.27274	1.27274	0.0597988	1.29805	1.29805	0.0124577	1.4651	1.4651	0.92849	0.989036	-1.01109	0.427124	1.10472	1.10472	2.85521	0.682177	0.212376	1
cg05939965	UPF1BL;UPF1B	0.0772009	0.91895	1.077989	-1.03201	0.0796145	0.653312	-1.53066	0.0661828	0.4580522	-2.1833	0.2853	0.7826	-1.27782	0.28472	-2.27434	0.304341	0.6762404	-1.47904	0.4734	0.2114	0.998359	1.00045	1.00045	0.108543	1.44635	1.44635	0.3994	0.7879314	-1.26893	0.936186	0.827119	-1.20889	0.6518	2.85514	1.29	0.673144	1
cg20605952	MRPL21;GHMBP2;MRPL21	0.077201	0.903682	1.02203	1.02203	0.240175	0.80144	-1.24775	0.0719183	0.6965651	-1.43562	0.35717	0.843292	-1.18583	0.0362572	0.645185	-1.54994	0.0262651	1.622239	-1.6071	0.0118945	0.568332	-1.75954	0.0546561	0.675482	-1.48042	0.277997	0.816243	-1.22512	2.85518	1.46489	0.456057	1
cg01905902	GOLGA2L1; FAM54B;FAM54B;FAM54B;LOC546471;	0.0772017	0.687742	0.929117	-1.07629	0.315608	1.20781	1.20781	0.0788299	0.628388	-1.59137	0.849128	0.965939	-1.03526	0.00683799	0.528632	-1.89168	0.77844	1.05267	1.05267	0.790751	0.952762	-1.04958	0.0897853	0.711551	-1.40538	0.135639	0.746286	-1.33997	2.85517	1.49729	0.466145	1
cg22629170	FAM54B	0.0772021	0.0589408	0.700781	-1.42698	0.316896	0.841572	-1.18825	0.861551	0.971319	-1.02953	0.0238159	0.637902	-1.56764	0.685945	0.934477	-1.07012	0.0199628	0.626132	-1.59711	0.0364553	0.666766	-1.49978	0.15835	0.777718	-1.28581	0.357277	1.17096	1.17096	2.85516	1.25666	0.391233	1
cg06070414	PDK4	0.0772054	0.15291	0.494985	-2.02032	0.421	0.677995	-1.4594	0.0035705	0.1918225	-5.22971	0.483385	0.7014297	-1.40035	0.0547738	0.5130075	-2.80253	0.330736	0.622236	-1.60711	0.0789489	0.423796	-2.35963	0.169218	1.9984	1.9984	0.163318	0.494929	-2.02049	2.85511	0.31051	3.14605	1
cg15260428	UL1	0.0772059	0.942889	1.04569	1.04569	0.00715848	0.716864	8.71666	0.008899239	7.93392	7.93392	0.636707	0.74131	-1.34533	0.809311	0.8600371	-1.1627	0.884917	1.0945	1.0945	0.629983	1.35346	1.35346	0.830604	1.14291	1.14291	0.570262	0.699279	-1.43004	2.85511	2.57996	5.47311	1
cg18064071	RHBT	0.0772082	0.2894406	1.725141	1.725141	0.1408	0.840202	1.190106	0.0139478	1.1933	1.1933	0.3852	1.37022	1.370222	0.0446448	1.3467	1.3467	0.1145055	1.084804	1.084804	0.0421156	1.260601	1.260601	0.2242639	1.207041	1.207041	0.2207041	1.123354	1.61996	1.61996	2.85509	0.73709	0.213754	1
cg06853823	CORO7	0.0772101	0.0436606	1.42949	1.42949	0.795192	1.04089	1.04089	0.115534	1.30159	1.30159	0.253339	1.20177	1.20177	0.560012	1.09505	1.09505	0.1059882	1.31262	1.31262	0.0247208	1.50977	1.50977	0.0072683	1.70479	1.70479	0.10871	1.30936	1.30936	2.85504	1.07329	0.33416	1
cg25169138	C20orf24;C20orf24;C20orf24	0.0772114	0.0355249	0.383939	-2.60458	0.396322	0.810212	-1.23424	0.652356	0.859946	-1.16114	0.113361	1.5181	1.5181	0.410997	0.818702	-2.12145	0.217402	0.945504	-1.05764	0.784467	1.06868	1.06868	0.201569	1.38647	1.38647	0.905795	1.0291	1.0291	2.85502	2.65454	0.82647	1
cg10836402	DDX11;DDX11;DDX11	0.0772141	0.523215	1.08995	1.08995	0.0936008	1.40513	1.40513	0.0600208	1.3213	1.3213	0.0795021	0.752208	-1.32934	0.0795021	0.752208	-1.32934	0.16301	1.8561	1.8561	0.0042999	0.0167361	0.7295	-1.3708	0.0458153	0.2205	-4.53611	0.0412125	0.884329	-1.1308	0.8494	0.967686	0.351026	1
cg26184028	C6orf97	0.0772153	0.1114357	0.692176	-1.44472	0.548285	0.879057	-1.13758	0.733091	1.07534	1.07534	0.467651	1.16979	1.16979	0.440337	0.846212	-1.18174	0.791257	0.945265	-1.0579	0.00288006	0.449036	-2.38643	0.154277	0.723539	-1.38209	0.419882	1.1911	1.1911	2.85496	2.03604	0.633918	1
cg03026853	CPS1	0.0772165	0.1193663	0.784358	-1.27475	0.219674	1.20518	1.20518	0.0839525	0.7213128	1.21112	0.0905237	0.7636378	-1.30953	0.0606882	1.07994	1.07994	0.8550757	0.919766	-1.08768	0.3727586	1.17738	1.17738	0.1719847	1.13641	1.13641	0.3346	1.1346	0.0193872	1.15883	1.04083	0.844909	0.204098	0.204198	1
cg27410828	NT5M	0.0772174	0.127914	1.47758	1.477758	0.868222	0.961377	-1.04017	0.0147573	0.23756	2.03756	0.504735	0.851668	-1.17417	0.797417	0.940809	-1.06291	0.0145005	1.043	1.043	0.0256	2.602665	2.602665	0.882864	-1.13268	0.425815	0.824569	-1.21275	0.85493	2.54401	0.792084	1
cg11885201	THBS2	0.0772175	0.694812	1.12005	1.12005	0.00325536	0.315476	-3.16982	0.2928	1.36864	1.36864	0.371192	0.767956	-1.30216	0.0771849	0.568368	-1.75942	0.116078	0.611964	-1.63408	0.766528	0.917945	-1.08939	0.694134	0.892575	-1.12035	0.612777	0.863508	-1.15807	0.845993	3.73841	1.16396	1
cg12512006	DOT1L	0.0772183	0.1831536	0.788469	-1.26803	0.421	0.677995	-1.4594	0.0035705	0.1918225	-5.21139	0.483385	0.7014297	-1.40035	0.0547738	0.5130075	-2.80253	0.3340491	0.5765	-1.7341	0.0474722	0.421801	-2.37095	0.161741	1.48246	1.48246	0.2322255	0.6746	1.3346	0.0193872	1.15883	1.04083	0.844909	0.204098	0.204198	1
cg06839970	CALD1	0.0772197	0.887495	1.08837	1.08837	0.334719	0.551503	-1.81323	0.178278	2.35276	2.35276	0.787273	1.35756	1.35756	0.112254	1.22124	1.22124	0.3659996	-2.73227	0.00279704	0.0850514	-11.7576	0.864812	0.902087	-1.10731	0.355062	0.566024	-1.76671	0.584501	0.718685	-1.39143	0.8549	16.1805	0.03788	1
cg07462677	DIT1	0.0772202	0.2343136	0.841969	-1.18799	0.243972	1.11932	1.11932	0.80077	1.03386	1.03386	0.2562912	1.02534	1.02534	0.643849	1.06639	1.06639	0.700755	1.377	1.377	0.0483254	2.627739	-1.59302	0.0266996	2.602691	-1.43694	0.225868	1.19195	1.19195	2.85499	0.37709	0.133754	1
	HPS5;HPS5;GTF2H1;GTF2H1;GTF2H1;G																															
cg17134493	TF2H1;HPS5	0.0772214	0.174878	0.961404	-1.04005	0.543109	0.936008	-1.06824	0.40301	1.09616	1.09616	0.879407	1.05656	1.05656	0.0177323	0.733838	-1.3627	0.07155	0.969815	-1.24098	0.0403243	0.776499	-1.28783	0.0001	1.05238	1.05238	0.0857834	1.22593	1.22593	2.85487	0.520379	0.163207	1
cg19178499	ZNF280D;ZNF280D;ZNF280D	0.0772215	0.0099047	0.5	-2.4494	0.0106938	0.413911	-2.4158	?	?	?	0.8697	0.60698	-1.6475	0.241724	0.715985	-1.40059	0.299552	0.743998	-1.34409	0.0143577	0.0004724	-14.4724	0.517091	0.834783	-1.19792	0.7990824	0.932278	-1.07284	2.85469	3.07605	1.06412	1
cg16652790	HAGHL;HAGHL;CCDC78	0.0772217	0.716061	0.90287	-1.10758	0.318153	0.749304	-1.33457	0.0039921	0.338791	-2.95168	0.681334	1.12243	1.12243	0.242637	1.4078	1.4078	0.639693	1.14097	1.14097	0.172068	0.665913	-1.5017	0.172037	0.665891	-1.50175	0.125197	0.628622	-1.59078	2.85487	3.53764	1.10148	1
cg09939269	RABSR;RABSR	0.0772219	0.674765	1.07394	1.07394	0.0538373	0.832205	-1.20125	0.0626035	0.7293313	-1.39021	0.2899961	0.8383	-1.1931	0.0358376	0.5358	-1.86721	0.1827271	1.18271	1.18271	0.0127264	-1.1458	-1.87264	0.0001	1.14177	1.14177	0.0127264	1.14177	1.14177	2.85486	0.4139568	1	1
cg04400587	MAPRE3;MAPRE3	0.0772225	0.352287	0.831594	-1.20251	0.0604423	0.501137	-1.99546	0.124652	0.725945	-1.37751	0.539962	0.88733	-1.12698	0.143148	1.35373	1.35373	0.0514031	0.652271	-1.5331	0.418679	0.852821	-1.17258	0.760344	0.7608	1.0608	0.863535	1.0337	1.0337	2.85485	1.67825	0.522542	1
cg00157228	KCNT1	0.0772232	0.0117251	0.545317	-1.83379	0.029665	0.610806	-1.63718	0.483089	0.871736	-1.14714	0.0470835	0.645568	-1.54902	0.473989	0.869151	-1.15055	0.552404	0.89069	-1.12273	0.285486	1.23818	1.23818	0.0713776	0.678542	-1.47375	0.973592	1.0066	1.0066	2.85484	1.67694	0.522134	1
cg20479801	SCN4A	0.0772242	0.509062	1.08255	1.08255	0.0153027	0.614502	-1.62747	0.0417	0.2384658	4.19258	0.05047	0.211798	4.72135	0.0158568	0.2117	4.72182	0.193826	1.32429	1.32429	0.0121506	1.75108	1.75108	0.0195132	1.33962	1.33962	0.0186265	1.08623	1.08623	2.85469	0.33377	0.441508	1
cg03109857	NFATS;NFATS;NFATS;NFATS;NFATS	0.0772335	0.568933	0.854292	-1.17056	0.0211719	0.468558	-2.13421	0.132073	0.641075	-1.55988	0.651941	1.13225	1.13225	0.897195	0.963454	1.03793	0.459075	0.81366	-1.22901	0.752335	1.09046	1.09046	0.349068	1.30135	1.30135	0.00649791	0.799389	-2.63166	0.84569	3.383	1.05339	1
cg27304729	C19orf12;C19orf12	0.0772354	0.138688	0.531834	-1.88029	0.781011	0.895476	-1.11672	0.397077	1.4099	1.4099	0.796811	0.902818	-1.10762	0.0705224	0.449018	-2.22708	0.221328	0.600935	-1.66407	0.0126751	0.293057	-3.4123	0.0121476	0.289889	-3.44959	0.424587	0.723946	-1.38132	2.85466	7.09493	2.20923	1
cg04633648	TC2N;TC2N;TC2N	0.0772356	0.0409363	1.2743	1.2743	0.0295537	0.72583	-1.3783	0.105801	0.765343	1.30625	0.0158053	0.7994	1.25021	0.0797941	0.7994	1.25021	28.46	0.0001	1.71931	0.0180207	1.72606	1.72606	0.0175128	1.43662	1.43662	0.0064989	11.4127	11.4127	2.85465	62.3811	14.3939	1
cg03238901	OLFM2	0.0772368	0.0349159	0.68158	-1.46718	0.790819	1.04233	1.04233	0.723986	0.947284	-1.05565	0.640294	0.929237	-1.07615	0.0864187	0.593424	-1.68514	0.172617	0.797435	-1.25402	0.0138098	0.622154	-1.60732	0.637371	0.928631	-1.07685	0.607666	0.922419	-1.08411	2.85464	1.09947	0.342358	1
cg26264580	RBM41L;RBM41L1;CCBL2;CCBL2	0.0772369	0.1113833	1.25675	1.25675	0.0494294	0.6568	1.6568	0.0544	1.24124	1.24124	0.0704285	0.7128	-1.40273	0.0238857	0.5781	-1.72985	0.1616395	0.470114	-2.12705	0.0198424	0.3857	-2.59231	0.0001	1.01186	1.01186	0.9398	1.39589	0.0880771	0.616151	1.34589	0.90861	0.674958	1
cg08590746	QRFPR	0.0772416	0.136782	1.3532	1.3532	0.798894	1.04936	1.04936	0.0143457	0.5657171	-1.76769	0.193156	1.29676	1.29676	0.284722	0.810828	1.23331	0.863128	1.0311	1.0311	0.0314166	1.61011	1.61011	0.528517	1.12806	1.12806	0.4430867	1.15903	1.15903	2.85457	1.61	0.501339	1
cg13053135	DGKD;DGKD	0.0772433	0.9388513	1.01663	1.01663	0.0117165	0.5082	-1.96773	0.0543915	0.625523	-1.59866	0.860235	0.962827	-1.03861	0.587113	0.88883	-1.12507	0.788618	1.05946	1.05946	0.046292	1.63344	1.63344	0.812295	0.950153	-1.05246	0.11298	0.690191	-1.44887	2.85454	2.08863	0.550389	1
cg18807071	ZDBF2	0.0772435	0.1352705	1.45271	1.45271	0.0225627	0.685665	-1.45625	0.249117	0.751965	-1.33015	0.6807565	0.65887	-1.51842	0.0238211	0.5242	-1.90757	0.9306063	1.0842	1.0842	0.0211756	0.60974	-1.64034	0.0001	2.06974	-1.83946	0.0154156	0.1085	-9.21455	2.85453	1.08687	0.379633	1
cg07029564	ARHGEF10	0.0772474	0.520592	1.14406	1.14406	0.143418	0.722563	-1.38396	0.166696	1.35297	1.35297	0.754018	1.06712	1.06712	0.888802	1.02934	1.02934	0.593867	1.11766	1.11766	0.0293311	1.69978	1.69978	0.516096	0.872773	-1.14577	0.0138019	0.533114	-1.87577	2.85448	1.93101	0.601321	1
cg20673305	TNX8	0.0772477	0.947472	1.01883	1.01883	0.428608	1.12388	1.12388	0.0815328	0.675029	-1.48142	0.500457	1.21135	1.21135	0.0104027	0.82457	-1.21268	0.3646667	1.15407	1.15407	0.0144772	1.58747	1.58747	0.0001	1.27505	1.27505	0.0010941	1.58448	1.07755	2.85447	0.9006675	0.1094	0.033557	1
cg24536145	SORBS2	0.0772494	0.0403249	0.597389	-3.84928	0.105975	0.36613	-2.73127	0.317083	0.555136	-1.80136	0.081944	0.332831	-3.00453	0.0327559	0.252711	-3.95709	0.1068775	0.567247	-2.72297	0.0117117	0.166591	-6.00272	0.0428161	0.265354	-3.76856	0.127617	0.3916622	-2.55348	2.85445	14.6397	4.55886	1
cg21168781	NTNG2	0.0772509	0.674965	0.91542	-1.0924	0.0670107	0.650383	-1.53756	0.0371852	1.6601	1.6601	0.692202	1.08695	1.08695	0.263435	1.27671	1.27671	0.9080812	1.02452	1.02452	0.00968142	1.98554	1.98554	0.977713	0.994164	-1.00587	0.289607	1.259	1.259	2.85443	1.98491	0.618116	1
cg19534049	NCDN;NCDN;KIAA0319L;NCDN;NCDN	0.0772524	0.3459561	0.77928	-1.28353	0.0708574	0.72801	-1.3735	0.0858204	0.563276	-1.77509	0.0351002	0.7098	1.20637	0.0351002	0.7098	1.20637	0.0760904	0.603596	-1.65674	0.0083824	0.355164	0.427526	-2.33881	0.0001	1.02894	1.02894	0.8412206	1.05283	0.270776	0.745083	0.4138329	0.136503	1
cg03109362	C1orf163	0.0772566	0.0114809	0.732427	-1.36532	0.522846	0.938323	-1.06585	0.335054	1.10284	1.10284	0.81302	0.976688	-1.02387	0.464975	1.07931	1.07931	0.0663768	0.816486	-1.22476	0.905234	0.988341	-1.0118	0.68854	1.04047	1.04047	0.343284	1.25722	1.25722	2.85434	0.4138329	0.136503	1
cg13894192	CD81	0.0772569	0.1119332	0.70999	-1.40845	0.548294	0.6568	1.6568	0.0544	1.24124	1.24124	0.0704285	0.7128	-1.40273	0.0238857	0.5781	-1.72985	0.1616395	0.470114	-2.12705	0.0198424	0.3857	-2.59231	0.0001	1.01186	1.01186	0.9398	1.39589	0.0880771	0.616151	1.34589	0.90861	0.674958	1
cg08590746	QRFPR	0.0772616	0.136782	1.3532	1.3532	0.798894	1.04936	1.04936	0.0143457	0.5657171	-1.76769	0.193156	1.29676	1.29676	0.284722	0.810828	1.23331	0.863128	1.0311	1.0311	0.0314166	1.61011	1.61011	0.528517	1.12806	1.12806	0.4430867	1.15903	1.15903	2.85457	1.61	0.501339	1
cg10535135	DGKD;DGKD	0.0772633	0.9388513	1.01663	1.01663	0.0117165	0.5082	-1.96773	0.0543915	0.625523	-1.59866	0.860235	0.962827	-1.03861	0.587113	0.88883	-1.12507	0.788618	1.05946	1.05946	0.046292	1.63344	1.63344	0.812295	0.950153	-1.05246	0.11298	0.690191	-1.44887	2.85454	2.08863	0.550389	1
cg18807071	ZDBF2	0.0772643	0.1352705	1.45271	1.45271	0.0225627	0.685665	-1.45625	0.249117	0.751965	-1.33015	0.6807565	0.65887	-1.51842	0.0238211	0.5242	-1.90757	0.9306063	1.0842	1.0842	0.0211756	0.60974	-1.64034	0.0001	2.06974	-1.83946	0.0154156	0.1085	-9.21455	2.85453	1.08687	0.379633	1
cg00729564	ARHGEF10	0.0772674	0.520592	1.14406	1.14406	0.143418	0.722563	-1.38396	0.166696	1.35297	1.35297	0.754018	1.06712	1.06712	0.888802	1.02934	1.02934	0.593867	1.11766	1.11766	0.0293311	1.69978	1.69978	0.516096	0.872773	-1.14577	0.0138019	0.533114	-1.87577	2.85448	1.93101	0.601321	1
cg20673305	TNX8	0.0772677	0.947472	1.01883	1.01883	0.428608	1.12388	1.12388	0.0815328	0.675029	-1.48142	0.500457	1.21135	1.21135	0.0104027	0.82457	-1.21268	0.3646667	1.15407	1.15407	0.0144772	1.58747	1.58747	0.0001	1.27505	1.27505	0.0010941	1.58448	1.07755	2.85447	0.9006675	0.1094	0.033557	1
cg24536145	SORBS2	0.0772694	0.0403249	0.597389	-3.84928	0.105975	0.36613	-2.73127	0.317083	0.555136	-1.80136	0.081944	0.332831	-3.00453	0.0327559	0.252711	-3.95709	0.1068775	0.567247	-2.72297	0.0117117	0.166591	-6.00272	0.0428161	0.265354	-3.76856	0.127617	0.3916622	-2.55348	2.85445	14.6397	4.55886	1
cg21168781	NTNG2	0.0772509	0.674965	0.91542	-1.0924	0.6570107	0.650383	-1.53756	0.0371852	1.6601	1.6601	0.692202	1.08695	1.08695	0.263435	1.27671	1.27671	0.9080812	1.02452	1.02452	0.00968142	1.98554	1.98554	0.977713	0.994164	-1.00587	0.289607	1.259	1.259	2.85443	1.98491	0.618116	1
cg19534049	NCDN;NCDN;KIAA0319L;NCDN;NCDN	0.0772524	0.3459561	0.77928	-1.28353	0.0708574	0.72801	-1.3735	0.0858204	0.563276	-1.77509	0.0351002	0.7098	1.20637	0.0351002	0.7098	1.20637	0.0760904	0.603596	-1.65674	0.0083824	0.355164	0.427526	-2.33881	0.0001	1.02894	1.02894

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04084157	VGF	0.0773436	0.372116	0.907958	-1.10137	0.0577968	1.25361	1.25361	0.178929	1.16236	1.16236	0.657238	1.04818	1.04818	0.177445	1.16304	1.16304
cg17460285	PSME3;PSME3;PSME3;PSME3	0.0773452	0.333655	1.24436	1.24436	0.492245	0.858206	-1.16522	0.148833	0.712168	-1.40416	0.641645	1.10822	1.10822	0.00345092	0.418691	-2.38839
cg08649919	CABIN1	0.0773457	0.0608746	0.249661	-4.00544	0.256297	0.459215	-2.17763	0.281543	0.479485	-2.08557	0.103385	0.310388	-3.22178	0.201345	0.412207	-2.42597
cg09890989	HESRG;CACNA2D3	0.0773461	0.230385	0.821451	-1.21736	0.0688325	0.727383	-1.37479	0.238001	0.824314	-1.21313	0.59717	0.920016	-1.08694	0.0106342	0.60527	-1.65215
cg19911801	PLCH2	0.0773464	0.195214	0.538475	-1.8571	0.0214191	3.48645	3.48645	0.108637	2.20488	2.20488	0.726132	1.17221	1.17221	0.0740036	0.406706	-2.45878
cg27436324	TOM1;TOM1;TOM1;TOM1;TOM1;TOM1	0.0773494	0.209574	0.742133	-1.34747	0.882541	0.967209	-1.0339	0.708691	1.08832	1.08832	0.397295	0.822458	-1.21587	0.0046187	0.427445	-2.33948
cg05281544	SOX4;SOX4	0.0773497	0.267085	0.722862	-1.38339	0.164946	1.51558	1.51558	0.800411	1.0737	1.0737	0.0050197	0.352781	-2.83462	0.268872	0.723809	-1.38158
cg21726840	PRAM1	0.0773505	0.384817	1.11297	1.11297	0.00674073	0.655763	-1.52494	0.0396267	0.751396	-1.33086	0.431962	0.908158	-1.10113	0.597932	1.06602	1.06602
cg13264399	EVX2	0.0773514	0.0940472	0.599257	-1.66873	0.244148	0.712541	-1.40343	0.881831	0.959472	-1.04224	0.146976	0.648618	-1.54174	0.928454	1.02529	1.02529
cg25104621	HCCA2	0.0773543	0.419994	0.691967	-1.44516	0.0703079	2.46983	2.46983	0.141656	2.02635	2.02635	0.113713	0.463426	-2.15784	0.722506	1.17275	1.17275
cg22056336	RBM47;RBM47	0.0773544	0.515554	0.740955	-1.34961	0.0336523	0.323589	-3.09034	0.034161	0.324967	-3.07723	0.0235736	0.292435	-3.41956	0.0522426	0.366416	-2.72914
cg04020309	ZNF496	0.0773549	0.0587193	0.360221	-2.77608	0.0315239	0.299413	-3.33986	0.362913	0.639448	-1.56385	0.854181	0.915783	-1.09196	0.107867	0.432159	-2.31396
cg10975889	HLX	0.0773563	0.0506281	3.25918	3.25918	0.0422345	3.4597	3.4597	0.0979249	2.61972	2.61972	0.403041	0.63513	-1.57448	0.680326	0.802708	-1.24578
cg14519294	CHFR;CHFR;CHFR;CHFR;CHFR	0.0773565	0.702828	1.02666	1.02666	0.468983	1.05186	1.05186	0.118156	1.12349	1.12349	0.0940133	0.881294	-1.1347	0.135011	1.11692	1.11692
cg02005231	DNAH3	0.0773585	0.718484	1.08458	1.08458	0.432909	1.19661	1.19661	0.287001	0.780389	-1.28141	0.0130558	1.99497	1.99497	0.479969	1.17474	1.17474
cg08437035	RAB9B	0.0773586	0.596421	1.21485	1.21485	0.724109	0.878924	-1.13776	0.207251	0.616117	-1.62307	0.0564305	0.455408	-2.19583	0.0176146	0.349368	-2.86231
cg25279555	DOK6	0.0773616	0.0170221	0.146114	-6.84396	0.165099	0.375746	-2.66137	0.12126	0.329363	-3.03616	0.330883	0.515189	-1.94104	0.0149176	0.138205	-7.23561
cg04049508	MMP2;MMP2	0.0773619	0.0178017	0.269506	-3.7105	0.954599	1.02625	1.02625	0.146861	0.492356	-2.03105	0.946045	1.03128	1.03128	0.0176516	0.268847	-3.71959
cg09456782	TMCO3;DCUN1D2	0.0773657	0.129673	1.30368	1.30368	0.914541	0.982762	-1.01754	0.246611	1.21684	1.21684	0.113048	1.3223	1.3223	0.670098	0.932938	-1.07188
cg05774354	DNAH11	0.0773663	0.333541	0.767201	-1.30344	0.583076	1.15868	1.15868	0.0812292	0.598361	-1.67123	0.284698	0.744342	-1.34347	0.175523	0.681999	-1.46628
cg09766355	NPL	0.0773663	0.705666	0.834581	-1.19821	0.0637842	0.370442	-2.69948	0.12822	0.456737	-2.18945	0.321135	1.62987	1.62987	0.051219	0.347138	-2.8807
cg01038750	RBMS3;RBMS3;RBMS3	0.0773666	0.01497	0.579885	-1.72448	0.933189	0.984843	-1.01539	0.0484829	1.50775	1.50775	0.110334	0.728347	-1.37297	0.836325	0.963018	-1.0384
cg19941370	NFKBIA	0.0773668	0.499395	1.22327	1.22327	0.919812	1.03004	1.03004	0.0122212	0.399474	-2.50329	0.127161	1.62399	1.62399	0.527565	0.828506	-1.20699
cg26399396	UBE2T	0.0773674	0.0149472	0.104685	-9.55244	0.870175	0.892217	-1.1208	0.0638826	0.219544	-4.55489	0.21746	2.5124	2.5124	0.51651	1.58529	1.58529
cg09315918	FAM72A	0.0773692	0.835807	1.02638	1.02638	0.492608	1.09138	1.09138	0.528229	1.08348	1.08348	0.546924	1.07949	1.07949	0.501937	0.918043	-1.08927
cg19805160	CCDC19	0.0773702	0.0301341	0.302758	-3.30297	0.457896	0.701743	-1.42502	0.0264235	0.291324	-3.43261	0.439235	0.690982	-1.44722	0.00411474	0.164758	-6.06949
cg00366352	NTN4;NTN4	0.0773708	0.282165	0.657507	-1.5209	0.873489	1.06161	1.06161	0.545651	0.794972	-1.25791	0.249629	0.636731	-1.57052	0.00132597	0.173473	-5.76457
cg19017906	MXI1	0.0773729	0.00997667	0.459796	-2.17488	0.234466	1.34664	1.34664	0.46342	1.19509	1.19509	0.674968	1.10596	1.10596	0.0538845	1.68646	1.68646
cg18239851	SFRS11;LRRC40	0.0773739	0.940927	1.01477	1.01477	0.0332853	0.611175	-1.63619	0.795872	1.05264	1.05264	0.728221	0.933292	-1.07148	0.0419304	1.59034	1.59034
cg21611868	PCCB	0.0773741	0.515613	1.13129	1.13129	0.647722	0.91751	-1.08991	0.159506	0.754791	-1.32487	0.014751	0.570306	-1.75344	0.915767	0.980396	-1.02
cg02071162	NKAIN3	0.0773742	0.0464747	0.589684	-1.69582	0.256156	0.759933	-1.3159	0.0647522	1.61679	1.61679	0.630924	1.11864	1.11864	0.0825128	0.640561	-1.56113
cg11484936	C3orf50	0.0773752	0.0945848	0.533567	-1.87418	0.0627845	2.04572	2.04572	0.130913	1.74649	1.74649	0.499644	1.26398	1.26398	0.0241495	0.398853	-2.50719
cg07665134	DIP2C	0.0773768	0.299968	0.557881	-1.7925	0.00845158	6.21514	6.21514	0.0105803	5.7375	5.7375	0.443065	1.52946	1.52946	0.981095	1.01296	1.01296
cg23145487	NAA20;NAA20;NAA20	0.07738	0.308407	1.67874	1.67874	0.00542325	0.165607	-6.0384	0.38869	0.647845	-1.54358	0.346042	0.620736	-1.61099	0.24295	1.82289	1.82289
cg22135160	RBM5	0.0773805	0.96639	1.00751	1.00751	0.655409	1.08299	1.08299	0.0130057	1.72812	1.72812	0.922799	1.01735	1.01735	0.624631	0.916186	-1.09148
cg01305045	C17orf42	0.0773812	0.693253	0.910292	-1.09855	0.464307	1.19313	1.19313	0.350845	1.25565	1.25565	0.959222	1.0122	1.0122	0.00934142	0.457671	-2.18498
cg08509737	ATG7;ATG7;ATG7	0.0773829	0.0971092	0.450896	-2.21781	0.69931	1.18505	1.18505	0.769294	0.879276	-1.1373	0.160546	0.519058	-1.92657	0.00720852	0.219356	-4.55879
cg10356060	DNAJC18	0.0773832	0.613954	1.20551	1.20551	0.0898282	0.498216	-2.00716	0.441587	0.749142	-1.33486	0.0109312	0.296434	-3.37344	0.0476861	0.427935	-2.3368
cg17509351	BEST3;BEST3	0.0773872	0.0106797	0.320392	-3.12117	0.28383	0.673751	-1.48423	0.428417	0.750717	-1.33206	0.718248	0.879412	-1.13712	0.870411	0.94374	-1.05961
cg01943185	NMU	0.0773896	0.941144	0.991491	-1.00858	0.00991192	1.45797	1.45797	0.00918888	1.46637	1.46637	0.371604	1.11201	1.11201	0.448974	1.0934	1.0934
cg26880549	LYPD2	0.0773905	0.251506	0.615001	-1.62601	0.0100235	0.267388	-3.73988	0.0325801	0.362404	-2.75935	0.472048	1.34559	1.34559	0.0550319	0.413628	-2.41763
cg18354203	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNFOS;BDNF	0.077391	0.00546572	0.162558	-6.15163	0.544281	0.737029	-1.3568	0.661317	0.803177	-1.24506	0.103526	0.412626	-2.4235	0.0606517	0.349382	-2.8622
cg11177223	C7orf20	0.077391	0.677906	1.12181	1.12181	0.133229	0.640325	-1.56171	0.0688281	1.75144	1.75144	0.0622071	1.78205	1.78205	0.0992792	0.608182	-1.64424
cg01120434	GPR123	0.077392	0.402284	0.829864	-1.20502	0.055007	1.60541	1.60541	0.135774	0.704855	-1.41873	0.651151	1.1041	1.1041	0.0528484	1.61412	1.61412
cg09366730	ZFYVE28	0.0773931	0.0792384	2.8387	2.8387	0.844201	1.11111	1.11111	0.196584	2.07738	2.07738	0.201446	2.05928	2.05928	0.0421328	0.285439	-3.50337
cg03929323	KRTAP5-10	0.0773943	0.0788875	0.678377	-1.47411	0.2942	1.24156	1.24156	0.915932	0.97922	-1.02122	0.169419	0.747433	-1.33791	0.00318612	0.448908	-2.22763
cg07688922	LOC100133161	0.0773954	0.223851	0.771973	-1.29538	0.303504	0.805862	-1.24091	0.00553204	0.477886	-2.09255	0.198714	0.759522	-1.31662	0.0208915	0.569504	-1.75591
cg21030598	PAK2	0.0773968	0.046188	0.487043	-2.05321	0.694674	0.88317	-1.13228	0.780365	0.915729	-1.09203	0.575875	0.836946	-1.19482	0.162495	0.625247	-1.59937
cg26170066	HSPA1B	0.0773982	0.424116	0.645727	-1.54864	0.80419	0.875381	-1.14236	0.486585	0.684711	-1.46047	0.414376	0.639517	-1.56368	0.00241167	0.1039	-9.62463
cg15038082	PSMD2	0.0773988	0.954775	0.991908	-1.00816	0.237175	1.19414	1.19414	0.00913009	1.60715	1.60715	0.961771	0.993157	-1.00689	0.179532	1.2266	1.2266
cg24131211	STK32C	0.077399	0.0471811	0.256638	-3.89655	0.0208391	0.189059	-5.28937	0.0701359	0.297451	-3.3619	0.221227	0.462977	-2.15994	0.0449341	0.252023	-3.96789
cg03024183	ASH2L;ASH2L	0.0773992	0.973596	1.00537	1.00537	0.11214	0.75575	-1.32319	0.573673	1.09641	1.09641	0.399741	1.14977	1.14977	0.862926	1.02837	1.02837
cg13654588	PRLHR	0.0773993	0.737068	1.32853	1.32853	0.192425	3.19976	3.19976	0.444182	1.9302	1.9302	0.218161	2.98031	2.98031	0.269289	0.37913	-2.63762
cg04996668	ZNF70	0.0773996	0.0176049	0.610091	-1.6391	0.427599	1.14864	1.14864	0.173526	0.780552	-1.28114	0.1033	1.35644	1.35644	0.485304	0.885753	-1.12898
cg07780735	ERICH1	0.0773997	0.650271	1.10695	1.10695	0.861166	0.96178	-1.03974	0.00615796	0.451351	-2.21557	0.354842	1.23602	1.23602	0.672346	1.09933	1.09933
cg05299847	CBS	0.0774004	0.137522	1.25853	1.25853	0.754597	1.04611	1.04611	0.0635307	0.740861	-1.34978	0.839361	0.97124	-1.02961	0.0224607	0.674965	-1.48156
cg01388187	KIAA0226;KIAA0226	0.0774009	0.699626	0.796206	-1.25596	0.121585	2.68204	2.68204	0.130102	2.61461	2.61461	0.272522	1.95688	1.95688	0.00672032	0.126678	-7.89405
cg01061843	MTO1;MTO1;MTO1;MTO1;MTO1;MTO1	0.077401	0.00815707	0.114028	-8.76977	0.766688	0.826291	-1.21023	0.419306	0.589093	-1.69753	0.657009	0.750822	-1.33187	0.985714	0.988584	-1.01155
cg16073427	CCDC85B	0.0774023	0.641032	0.892022	-1.12105	0.222554	1.36604	1.36604	0.132728	1.484	1.484	0.0167523	2.03495	2.03495	0.0884615	0.632959	-1.57988
cg19115204	C12orf56;C12orf56	0.0774042	0.0381027	0.139528	-7.16701	0.0361345	0.135808	-7.36335	0.92605	0.926761	-1.07903	0.851194	1.16633	1.16633	0.0536555	0.166078	-6.02128
cg21746851	PRRT3	0.0774044	0.15584	0.566021	-1.76672	0.153395	1.77354	1.77354	0.0606969	2.20912	2.20912	0.0612324	0.453598	-2.2046	0.446493	0.747636	-1.33755
cg05244974	PIK3R5;PIK3R5	0.0774049	0.202762	0.646626	-1.54649	0.805822	1.08313	1.08313	0.0865701	0.54129	-1.84744	0.336169	0.72503	-1.37925	0.00800591	0.33225	-3.00979
cg10692636	DNAH17	0.0774058	0.0416852	0.155789	-6.41892	0.0453114	0.162313	-6.16093	0.0450753	0.161897	-6.17678	0.370777	0.482998	-2.0704	0.0342874	0.1415	-7.06714
cg14581491	ATF6B;ATF6B	0.077406	0.311159	1.22035	1.22035	0.962815	1.0089	1.0089	0.359933	1.19587	1.19587	0.174937	0.760193	-1.31545	0.732506	1.06737	1.06737
cg13434308	TMTC1	0.0774068	0.129859	3.50312	3.50312	0.0568441	5.21445	5.21445	0.0469316	5.71222	5.71222	0.346461	2.10188	2.10188	0.212141	2.73728	2.73728
cg00231006	CDC42SE2;CDC42SE2	0.0774072	0.149101	0.837938	-1.19341	0.689963	0.95521	-1.04689	0.773489	1.03353	1.03353	0.976371	0.996621	-1.00339	0.26389	1.14236	1.14236
cg25723614	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.0774091	0.566107	1.22017	1.22017	0.622966	1.18532	1.18532	0.525258	1.24714	1.24714	0.985888	1.00609	1.00609	0.0865532	0.5223	-1.91461
cg10786043	TACC1;TACC1;TACC1	0.0774094	0.307231	0.658188	-1.51932	0.982791	1.00857	1.00857	0.961585	1.01924	1.01924	0.807981	1.10114	1.10114	0.0165328	0.313895	-3.18578
cg25784219	FOSL2	0.0774098	0.0456968	0.18831	-5.3104	0.88097	1.11539	1.11539	0.582346	0.667104	-1.49902	0.0606995	0.214135	-4.66996	0.143685	0.318214	-3.14254
cg00665492	SLITRK3	0.0774118	0.369287	1.70494	1.70494	0.220084	2.1087	2.1087	0.475102	1.52234	1.52234	0.0242583	0.211391	-4.73058	0.564786	0.714067	-1.40043
cg10112672	DACT1;DACT1	0.077412	0.094004	1.91146	1.91146	0.362302	1.39021	1.39021	0.219243	1.57553	1.57553	0.203642	1.60335	1.60335	0.933368	1.02986	1.02986
cg26355894	TNNT3;TNNT3;TNNT3;TNNT3	0.0774143	0.39278	1.2272	1.2272	0.1171	0.671591	-1.489	0.055326	0.601697	-1.66197	0.14518	1.44175	1.44175	0.20687	0.732481	-1.36522
cg04172332	PI16	0.0774181	0.709071	0.908126	-1.10117	0.109518	1.56621	1.56621	0.752068	0.921738	-1.08491	0.856746	1.04756	1.04756	0.0037828	0.366178	-2.73091
cg05337042	SLC7A9;SLC7A9	0.0774213	0.371289	0.67515	-1.48115	0.715744	1.1694	1.1694	0.953895	1.02505	1.02505	0.553862	0.773957	-1.29206	0.00307911	0.176637	-5.66132
cg04493143	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.0774219	0.26774	1.41852	1.41852	0.0156469	2.45313	2.45313	0.168217	1.56002	1.56002	0.64119	0.867505	-1.15273	0.20694	1.4964	1.4964
cg22088248	ZADH2	0.077422	0.0676857	0.322237	-3.1033	0.0365669	0.260756	-3.835	0.991073	0.993829	-1.00621	0.367963	0.599503	-1.66805	0.209897	0.48137	-2.0774
cg07778315	GOLGA3	0.0774234	0.102175	0.377623	-2.64815	0.503756	1.44686	1.44686	0.760663	0.846763	-1.18097	0.332031	0.579931	-1.72434	0.0200811	0.21718	-4.60448
cg13876222	NOTCH1	0.077425	0.745386	1.09738	1.09738	0.185708	0.670187	-1.49212	0.893852	1.03881	1.03881	0.732396	1.10284	1.10284	0.00295606	0.312318	-3.20186
cg04062767	RIMBP2	0.0774307	0.239013	0.684137	-1.4617	0.195904	1.52351	1.52351	0.746848	0.905107	-1.10484	0.164951	1.57775	1.57775	0.0355277	0.470769	-2.12419
cg10598683	CAMK1D;CAMK1D	0.0774354	0.0329139	0.490176	-2.04008	0.302792	0.737094	-1.35668	0.40317	0.783116	-1.27695	0.321615	0.746308	-1.33993	0.00360342	0.324265	-3.0839
cg12825804	VASH1	0.0774375	0.20351	1.29527	1.29527	0.695938	0.927089	-1.07865	0.707234	1.07544	1.07544	0.205598	0.773061	-1.29356	0.618006	1.10176	1.10176
cg03422651	TBC1D24	0.0774379	0.253658	0.846064	-1.18194	0.106817	1.28003	1.28003	0.237474	0.840689	-1.1895	0.0107839	1.56695	1.56695	0.256223	0.846892	-1.18079
cg02706910	ZNF254;ZNF254	0.0774389	0.801568	1.02191	1.02191	0.21923	0.894751	-1.11763	0.647946	0.961202	-1.04036	0.421778	0.931803	-1.07319	0.0778678	0.844804	-1.18371
cg14515049	HTT	0.0774394	0.289258	0.756371	-1.3221	0.129525	1.5155	1.5155	0.0480804	1.77447	1.77447	0.118113	1.53834	1.53834	0.0798695	0.61059	-1.63776
cg01510153	BRAF	0.0774395	0.39076	0.827291	-1.20877	0.00677783	0.469269	-2.13097	0.00959431	0.493112	-2.02794	0.251719	0.772465	-1.29456	0.652735	1.10258	1.10258
cg25405998	CCT6P1	0.0774401	0.131486	0.589346	-1.6968	0.0770579	1.89345	1.89345	0.212615	1.53157	1.53157	0.0190126	0.397706	-2.51442	0.431395	0.770456	-1.29793
cg17378342	CDX1	0.0774409	0.392494	1.73402	1.73402	0.761004	0.825563	-1.21129	0.534131	0.673247	-1.48534	0.330165	1.88026	1.88026	0.0238021	5.44722	5.44722
cg23197859	TSPYL5	0.0774423	0.930712	1.02255	1.02255	0.175423	1.44693	1.44693	0.34758	1.28142	1.28142	0.479609	1.20233	1.20233	0.0171177	2.10663	2.10663
cg11030446	SCD5;SCD5	0.0774431	0.425141	0.698571	-1.43149	0.0944269	2.24734	2.24734	0.521749	1.33109	1.33109	0.00685557	4.6749	4.6749	0.414257	1.44425	1.44425
cg07043044	ADAMTS12	0.077445	0.0122721	0.524121	-1.90796	0.217478	0.764354	-1.30829	0.18422	0.746967	-1.33875	0.729696	1.07448	1.07448	0.322871	1.23552	1.23552
cg21594567	ZNF252;C8orf77	0.0774452	0.185428	0.681435	-1.46749	0.222779	1.41897	1.41897	0.671513	1.12357	1.12357	0.334017	1.31279	1.31279	0.510058	1.20023	1.20023
cg19810433	REG4;REG4	0.0774475	0.87541	0.944181	-1.05912	0.219934	1.60347	1.60347	0.984415	0.992875	-1.00718	0.0373735	0.412979	-2.42143	0.00868449	0.293949	-3.40195
cg22114827	PFN1	0.0774506	0.696258	0.93256	-1.07232	0.0174341	0.597427	-1.67384	0.204196	0.787829	-1.26931	0.219261	1.25851	1.25851	0.194631	0.783342	-1.27658
cg16265552	ZDHHC23	0.0774513	0.213752	0.8179	-1.22264	0.266366	1.19461	1.19461	0.842083	1.0311	1.0311	0.795016	0.960811	-1.04079	0.772956	0.956554	-1.04542
cg25213350	CELSR2	0.0774519	0.0358946	0.521271	-1.91839	0.144556	0.658182	-1.51934	0.226557	0.71257	-1.40337	0.648439	1.13033	1.13033	0.0216592	0.479101	-2.08724
cg25881535	KRT7	0.0774524	0.0621336	0.442995	-2.25736	0.397932	0.71494	-1.39872	0.0822907	0.47414	-2.10908	0.129741	0.530155	-1.88624	0.00789657	0.266852	-3.7474
cg11399254	TAL1	0.0774553	0.335623	1.42749	1.42749	0.106549	0.531685	-1.88081	0.0361739	0.417579	-2.39476	0.766785	1.11251	1.11251	0.313228	1.4534	1.4534
cg15597136	ANO7;ANO7	0.0774584	0.633496	0.895716	-1.11643	0.0233058	1.86178	1.86178	0.0132002	2.02256	2.02256	0.469117	0.844626	-1.18396	0.461579	0.842113	-1.18749
cg16262415	NEK2	0.0774588	0.43102	0.901949	-1.10871	0.448892	0.905663	-1.10416	0.872467	0.979584	-1.02084	?	?	?	0.132675	1.23161	1.23161
cg08181258	MPP5	0.0774597	0.374586	0.660525	-1.51395	0.0140348	0.251556	-3.97525	0.168939	0.513271	-1.94829	0.885148	0.936346	-1.06798	0.408276	0.680527	-1.46945
cg01738638	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0774619	0.710342	1.19023	1.19023	0.00430632	5.94074	5.94074	0.210028	1.8527	1.8527	0.0834293	2.4461	2.4461	0.379377	0.656418	-1.52342
cg26350921	TBC1D16	0.0774628	0.380796	0.863034	-1.1587	0.0260632	1.54142	1.54142	0.0267334	0.650445	-1.53741	0.655453	0.929054	-1.07636	0.151371	0.777322	-1.28647
cg01362515	KRT17	0.0774654	0.230981	0.492815	-2.02916	0.395052	0.612292	-1.63321	0.0269169	0.228594	-4.37456	0.533608	0.701131	-1.42627	0.0190312	0.202164	-4.94648
cg26404867	GOLGA3	0.0774658	0.163498	0.768234	-1.30169	0.941097	0.986983	-1.01319	0.218891	1.25767	1.25767	0.943361	1.01268	1.01268	0.0120165	0.57382	-1.74271
cg21232615	C9orf11;C9orf11	0.0774662	0.0893523	0.456319	-2.19145	0.554563	0.778525	-1.28448	0.159779	0.533046	-1.87601	0.181487	0.55206	-1.8114	0.0887401	0.455495	-2.19541
cg20993253	ADAMTS17	0.0774665	0.314693	1.68976	1.68976	0.269294	0.559644	-1.78685	0.069436	0.358905	-2.78625	0.132102	0.440425	-2.27053	0.046764	0.317059	-3.15398
cg07042014	LTB4R;LTB4R;LTB4R	0.0774673	0.0384694	0.228794	-4.37074	0.0198026	0.177171	-5.64427	0.0974374	0.326711	-3.06081	0.218675	0.45123	-2.21616	0.0322412	0.213834	-4.67653
cg01617317	MS4A3;MS4A3;MS4A3;MS4A3;MS4A3;MS4A3	0.0774695	0.0642838	0.34204	-2.92364	0.0514438	3.1402	3.1402	0.78613	1.15068	1.15068	0.666128	1.25109	1.25109	0.0735386	0.357157	-2.79989
cg17088290	AMHR2;AMHR2;AMHR2	0.0774699	0.850814	0.96696	-1.03417	0.048892	0.669437	-1.49379	0.00968778	0.557646	-1.79325	0.128786	1.34034	1.34034	0.0939201	0.71988	-1.38912
cg22016716	SUPT3H;SUPT3H	0.0774706	0.694244	1.15294	1.15294	0.337959	0.700599	-1.42735	0.0331839	0.407835	-2.45197	0.0728059	0.486305	-2.05632	0.0488473	0.444716	-2.24863
ch.1.953398R	TRNAU1AP;TRNAU1AP	0.0774706	0.812971	0.948335	-1.05448	0.0685442	0.633592	-1.5783	0.267391	0.772135	-1.29511	0.00487966	0.433826	-2.30507	0.0195797	0.531883	-1.88011
cg15718940	RIPK1	0.0774715	0.0142875	0.151066	-6.61962	0.26383	0.482571	-2.07223	0.525728	0.66883	-1.49515	0.0318424	0.207287	-4.82423	0.0130405	0.145622	-6.86709
cg08970446	SLC1A7;SLC1A7	0.0774751	0.864976	1.06524	1.06524	0.648539	0.843313	-1.1858	0.0204169	0.35426	-2.82278	0.218158	0.618132	-1.61778	0.00333195	0.226745	-4.41024
cg00396673	RBM33	0.0774764	0.0293804	2.64532	2.64532	0.0417326	2.43499	2.43499	0.473353	1.3185	1.3185	0.0353397	2.53233	2.53233	?	?	?
cg02628107	CMBL	0.077477	0.0769319	0.574327	-1.74117	0.183875	0.672012	-1.48807	0.505471	1.20986	1.20986	0.959365	0.985738	-1.01447	0.040097	0.512324	-1.95189
cg04780454	SERPINF2;SERPINF2;SERPINF2	0.0774772	0.0603341	0.417807	-2.39345	0.316786	0.652873	-1.53169	0.537698	0.773297	-1.29316	0.71945	0.861912	-1.16021	0.00393049	0.202169	-4.94637
cg12435677	KIAA0415	0.0774793	0.482304	0.881845	-1.13399	0.0942223	0.723281	-1.38259	0.425809	0.866589	-1.15395	0.23126	1.24745	1.24745	0.379729	0.853284	-1.17194
cg15356516	HLX	0.0774809	0.408425	0.809722	-1.23499	0.263578	1.33766	1.33766	0.353511	1.26908	1.26908	0.271574	1.33069	1.33069	0.0108861	0.450225	-2.22111
cg24949575	JARID2	0.0774809	0.0717476	0.738043	-1.35493	0.0188655	1.53684	1.53684	0.857878	1.02745	1.02745	0.754152	0.953645	-1.04861	0.992288	0.998541	-1.00146
cg24974599	CFH;CFH	0.0774811	0.87109	0.975396	-1.02522	0.264709	0.836681	-1.1952	0.0868742	0.748228	-1.33649	0.260961	0.835405	-1.19702	0.0368046	1.4507	1.4507
cg02004370	PDF;COG8	0.0774813	0.0695538	0.263719	-3.79192	0.248311	2.20882	2.20882	0.0796686	3.58665	3.58665	0.221947	2.32311	2.32311	0.171851	0.384799	-2.59876
cg26860182	FBRSL1	0.0774819	0.406082	0.543786	-1.83896	0.0140944	0.113974	-8.77392	0.0244993	0.146526	-6.82471	0.935842	1.0594	1.0594	0.112699	0.290092	-3.44718
cg24714666	TRAPPC2;OFD1;TRAPPC2;TRAPPC2	0.0774826	0.0519859	0.728813	-1.37209	0.78629	1.03965	1.03965	0.212573	1.20665	1.20665	0.429744	0.891072	-1.12224	0.241887	0.839237	-1.19156
cg00246486	CD200R1;CD200R1	0.0774827	0.896766	1.04467	1.04467	0.0499243	0.471028	-2.12302	0.0581418	0.486279	-2.05643	0.80563	0.920345	-1.08655	0.0651491	0.498004	-2.00802
cg20064325	PWRN1	0.077485	0.113592	0.367822	-2.71871	0.225251	0.477163	-2.09572	0.64363	0.762892	-1.3108	0.444193	1.57326	1.57326	0.376368	1.69446	1.69446
cg15248591	FARSA	0.0774867	0.525487	0.845968	-1.18208	0.171088	1.46069	1.46069	0.0459986	1.81226	1.81226	0.125155	0.6495	-1.53965	0.0403882	0.540329	-1.85072
cg02683070	DHX58	0.0774896	0.706694	0.93089	-1.07424	0.419123	0.855226	-1.16928	0.0687276	0.679808	-1.471	0.284329	1.23454	1.23454	0.355049	1.1975	1.1975
cg27097846	TENC1;TENC1;TENC1	0.0774902	0.253146	1.62359	1.62359	0.268735	1.59639	1.59639	0.351145	1.47648	1.47648	0.106118	2.04752	2.04752	0.278655	1.57997	1.57997
cg01099024	SMOC1;SMOC1	0.0774914	0.0579823	0.294342	-3.39741	0.00928643	0.152041	-6.57717	0.0339915	0.243562	-4.10573	0.858372	0.903088	-1.10731	0.177498	0.44137	-2.26567
cg13208003	LHFP	0.0774953	0.0550998	0.276291	-3.61937	0.0362206	0.236823	-4.22257	0.0840514	0.322828	-3.09763	0.396109	0.598099	-1.67197	0.0133396	0.163144	-6.12956
cg13846270	DLEU7	0.0774982	0.0600358	6.67697	6.67697	0.104042	0.203788	-4.90705	0.739352	0.74168	-1.34829	0.0823828	5.59613	5.59613	0.428746	0.485283	-2.06065
cg04976999	SS18L2	0.0774992	0.0298633	0.664604	-1.50466	0.858609	1.02892	1.02892	0.396359	1.14895	1.14895	0.0529836	1.42128	1.42128	0.419822	0.876543	-1.14085
cg26925231	SGCZ	0.0774996	0.269639	1.53773	1.53773	0.484013	0.766258	-1.30504	0.776991	1.11215	1.11215	0.576455	1.23521	1.23521	0.467576	1.31876	1.31876
cg02613871	RNF220	0.0775032	0.0117706	0.495158	-2.01956	0.993609	0.998212	-1.00179	0.450365	1.18747	1.18747	0.0112319	0.491811	-2.0333	0.361558	1.2331	1.2331
cg21834684	STON2	0.0775036	0.0905474	0.283244	-3.53052	0.00779411	0.0991873	-10.0819	0.0466216	0.214115	-4.67038	0.992225	1.00661	1.00661	0.0608882	0.239532	-4.17482

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04084157	0.995535	0.999411	-1.00059	0.0157605	0.73216	-1.36582	0.14043	0.846108	-1.18188	0.397543	0.912763	-1.09558	2.85302	0.501708	0.156312	1
cg17460285	0.970787	0.992004	-1.00806	0.488317	1.16689	1.16689	0.369166	1.2241	1.2241	0.231146	0.759295	-1.31701	2.853	2.17176	0.676641	1
cg08649919	0.28956	0.485785	-2.05853	0.00210299	0.0583694	-17.1323	0.290943	0.486866	-2.05395	0.258325	0.460869	-2.16981	2.85299	19.491	6.07269	1
cg09890989	0.0834257	0.741167	-1.34922	0.218486	1.22424	1.22424	0.856929	0.972186	-1.02861	0.0378298	0.686297	-1.4571	2.85299	1.10399	0.343965	1
cg19911801	0.732814	1.16746	1.16746	0.276366	0.59955	-1.66792	0.651393	0.814232	-1.22815	0.0865915	0.425171	-2.35199	2.85298	9.2243	2.87397	1
cg27436324	0.0721419	0.635963	-1.57242	0.0504896	0.604917	-1.65312	0.55348	0.873564	-1.14474	0.0625744	0.623381	-1.60416	2.85294	2.29783	0.715933	1
cg05281544	0.166627	0.661043	-1.51276	0.8452	0.946609	-1.0564	0.873128	0.956134	-1.04588	0.182812	1.48706	1.48706	2.85293	3.55995	1.10918	1
cg21726840	0.551702	0.930222	-1.07501	0.71615	1.04484	1.04484	0.0519418	0.766719	-1.30426	0.43924	0.90959	-1.0994	2.85292	0.651951	0.203129	1
cg13264399	0.666002	0.886222	-1.12839	0.75225	1.09208	1.09208	0.00476655	2.83569	2.83569	0.77453	1.08316	1.08316	2.85291	3.49554	1.08912	1
cg25104621	0.725464	1.17066	1.17066	0.0509331	0.370192	-2.7013	0.124506	2.10283	2.10283	0.0702418	2.47048	2.47048	2.85286	9.02418	2.81173	1
cg22056336	0.425798	1.44747	1.44747	0.0969416	0.436701	-2.2899	0.882339	1.06967	1.06967	0.19956	0.539928	-1.8521	2.85286	9.34336	2.91119	1
cg04020309	0.198282	0.521966	-1.91583	0.00485774	0.167676	-5.96387	0.109358	0.433961	-2.30436	0.256392	0.56751	-1.76208	2.85285	10.3317	3.21914	1
cg10975889	0.764163	1.17305	1.17305	0.223854	1.96963	1.96963	0.00868613	5.89496	5.89496	0.383054	1.60719	1.60719	2.85283	12.7133	3.96121	1
cg14519294	0.437044	0.947042	-1.05592	0.174668	0.905667	-1.10416	0.182898	1.10186	1.10186	0.0160922	1.22402	1.22402	2.85283	0.212812	0.0663083	1
cg02005231	0.0942955	1.51064	1.51064	0.0449042	0.596751	-1.67574	0.501145	1.16548	1.16548	0.155762	1.40583	1.40583	2.8528	2.27277	0.708161	1
cg08437035	0.193544	1.65037	1.65037	0.0348044	0.408239	-2.44955	0.964686	1.01625	1.01625	0.108547	0.528637	-1.89166	2.8528	5.99172	1.86693	1
cg25279555	0.0483409	0.22507	-4.44306	0.0620264	0.249332	-4.01072	0.398677	0.564846	-1.77039	0.047804	0.224041	-4.46347	2.85275	19.7437	6.15193	1
cg04049508	0.310543	0.620322	-1.61207	0.0274704	0.305194	-3.2766	0.350524	0.645778	-1.54852	0.0562011	0.37377	-2.67544	2.85275	9.35738	2.91567	1
cg09456782	0.479175	1.12359	1.12359	0.00635441	0.562466	-1.77789	0.396413	0.868773	-1.15105	0.460732	1.12936	1.12936	2.85269	1.18549	0.369395	1
cg05774354	0.00310179	0.341278	-2.93016	0.0664842	0.578813	-1.72767	0.219336	0.709504	-1.40944	0.403799	0.796941	-1.2548	2.85268	3.18924	0.99376	1
cg09766355	0.00828762	0.200158	-4.99606	0.253734	0.566646	-1.76477	0.550937	1.33314	1.33314	0.24935	0.563398	-1.77494	2.85268	10.2612	3.19735	1
cg01038750	0.828974	1.04019	1.04019	0.0359707	0.641205	-1.55956	0.723901	0.937435	-1.06674	0.927518	1.01671	1.01671	2.85268	1.49914	0.467131	1
cg19941370	0.0244677	2.19863	2.19863	0.449332	1.25433	1.25433	0.574633	0.846475	-1.18137	0.469574	1.24141	1.24141	2.85267	3.90322	1.21624	1
cg26399396	0.0360593	0.165533	-6.04109	?	?	?	0.895728	1.09572	1.09572	0.884828	1.10633	1.10633	3.3846	22.0473	4.88551	1
cg09315918	0.195425	0.84213	-1.18746	0.0122544	0.676032	-1.47922	0.558888	1.07699	1.07699	0.0194383	1.42551	1.42551	2.85264	0.711359	0.221661	1
cg19805160	0.744274	0.857815	-1.16575	0.349627	0.636911	-1.57008	0.506211	0.729037	-1.37167	0.36999	0.649616	-1.53937	2.85262	9.91888	3.09076	1
cg00366352	0.948127	0.975885	-1.02471	0.870007	0.940403	-1.06337	0.326053	0.683567	-1.46291	0.948117	0.975881	-1.02472	2.85261	6.3593	1.98159	1
cg19017906	0.565828	1.14868	1.14868	0.679258	0.905482	-1.10438	0.0902403	0.640289	-1.56179	0.828389	1.05321	1.05321	2.85258	2.57627	0.802788	1
cg18239851	0.0970405	1.43395	1.43395	0.346345	1.21157	1.21157	0.331186	0.820027	-1.21947	0.0428328	1.58619	1.58619	2.85257	1.76939	0.551359	1
cg21611868	0.280546	0.810662	-1.23356	0.0297479	0.619585	-1.61398	0.594378	0.904313	-1.10581	0.0697648	1.46156	1.46156	2.85256	1.58214	0.493012	1
cg02071162	0.016663	0.508132	-1.96799	0.308585	0.783431	-1.27644	0.899384	0.971128	-1.02973	0.579955	0.878557	-1.13823	2.85256	2.42342	0.755163	1
cg11484936	0.457808	0.772224	-1.29496	0.402621	0.74615	-1.34021	0.255194	1.50098	1.50098	0.331475	0.709957	-1.40854	2.85255	5.28031	1.64541	1
cg07665134	0.206536	2.0624	2.0624	0.904893	1.0671	1.0671	0.976919	1.01584	1.01584	0.858726	1.10165	1.10165	2.85252	13.3369	4.15597	1
cg23145487	0.241615	0.547559	-1.82629	0.0561337	0.345428	-2.89496	0.312391	0.598397	-1.67113	0.984201	0.990317	-1.00978	2.85247	10.9085	3.39931	1
cg22135160	0.260965	1.23134	1.23134	0.0121941	0.57441	-1.74092	0.994801	0.998844	-1.00116	0.361228	1.18128	1.18128	2.85247	1.42346	0.443579	1
cg01305045	0.387807	1.2335	1.2335	0.0134791	0.484235	-2.06511	0.555496	0.868164	-1.15186	0.854943	0.957541	-1.04434	2.85246	2.53933	0.791311	1
cg08509737	0.0759719	0.421531	-2.37231	0.0313769	0.331391	-3.01758	0.415117	0.694624	-1.43963	0.0812519	0.429348	-2.32911	2.85243	8.64484	2.69395	1
cg10356060	?	?	?	0.329426	1.44941	1.44941	0.511751	0.782907	-1.27729	0.369017	1.40491	1.40491	3.09146	5.738	1.62407	1
cg17509351	0.632283	1.18647	1.18647	0.963183	0.983762	-1.01651	0.890095	0.952147	-1.05026	0.00514455	0.269677	-3.70814	2.85237	5.68227	1.77078	1
cg01943185	0.562153	1.07018	1.07018	0.218856	1.16144	1.16144	0.198082	1.1705	1.1705	0.0448101	1.30544	1.30544	2.85233	0.605062	0.188559	1
cg26880549	0.73028	1.15077	1.15077	0.0933036	0.472801	-2.11506	0.171565	0.553977	-1.80513	0.329295	0.66462	-1.50462	2.85232	7.43841	2.31809	1
cg18354203	0.0764041	0.375284	-2.66465	0.543599	0.736639	-1.35752	0.0420424	0.311999	-3.20514	0.085133	0.388128	-2.57647	2.85231	11.1667	3.47997	1
cg11177223	0.173885	0.671563	-1.48906	0.913069	1.03051	1.03051	0.0469574	1.86982	1.86982	0.894095	0.964008	-1.03734	2.85231	3.42155	1.06629	1
cg01120434	0.401545	1.20539	1.20539	0.078475	0.653612	-1.52996	0.132176	1.42407	1.42407	0.234347	0.762445	-1.31157	2.85229	2.13832	0.666386	1
cg09366730	0.126183	0.412305	-2.42539	0.322659	1.72812	1.72812	0.0382197	3.61887	3.61887	0.462028	1.4932	1.4932	2.85228	12.9524	4.03651	1
cg03929323	0.630026	1.10134	1.10134	0.823624	1.0454	1.0454	0.510884	0.875796	-1.14182	0.578082	0.894279	-1.11822	2.85226	1.78663	0.556792	1
cg07688922	0.720191	0.929742	-1.07557	0.0384522	0.615268	-1.62531	0.281131	0.797024	-1.25467	0.152602	0.733236	-1.36382	2.85224	1.85289	0.577445	1
cg21030598	0.911461	1.03565	1.03565	0.00327434	0.283005	-3.53351	0.962465	1.01493	1.01493	0.0656942	0.521802	-1.91644	2.85222	4.48039	1.3963	1
cg26170066	0.579932	0.741159	-1.34924	0.920702	0.948047	-1.0548	0.108706	2.55329	2.55329	0.31177	0.570828	-1.75184	2.8522	12.9676	4.04135	1
cg15038082	0.0897402	0.764924	-1.30732	0.713443	1.05426	1.05426	0.0792935	0.756472	-1.32193	0.667677	1.06383	1.06383	2.85219	0.927173	0.288955	1
cg24131211	0.0547677	0.27127	-3.68637	0.167509	0.414334	-2.41351	0.0182758	0.179888	-5.55901	0.356576	0.56674	-1.76448	2.85219	16.2008	5.04902	1
cg03024183	0.985304	0.997023	-1.00299	0.00317474	0.520789	-1.92016	0.277398	1.20067	1.20067	0.52757	1.10918	1.10918	2.85219	1.18393	0.368973	1
cg13654588	0.705749	0.726308	-1.37683	0.793628	0.801699	-1.24735	0.00235024	35.8213	35.8213	0.986722	0.986069	-1.01413	2.85218	32.1046	10.0055	1
cg04996668	0.585499	0.91008	-1.0988	0.0480558	0.67935	-1.472	0.153057	1.29926	1.29926	0.839542	0.965908	-1.0353	2.85218	1.32233	0.412108	1
cg07780735	0.727625	1.08095	1.08095	0.0274826	1.78691	1.78691	0.386142	1.21869	1.21869	0.813052	0.948627	-1.05416	2.85218	2.23866	0.697685	1
cg05299847	0.529146	1.09599	1.09599	0.735089	1.05004	1.05004	0.485899	0.90321	-1.10716	0.0197135	0.667026	-1.49919	2.85217	0.933705	0.290993	1
cg01388187	0.268793	0.508124	-1.96802	0.593956	1.37205	1.37205	0.619505	1.34212	1.34212	0.469076	0.648568	-1.54186	2.85216	15.6089	4.86457	1
cg01061843	0.738449	1.23973	1.23973	0.488044	1.57107	1.57107	0.0496881	4.20284	4.20284	0.0842082	3.40442	3.40442	2.85216	18.5756	5.78918	1
cg16073427	0.238497	1.35043	1.35043	0.336274	0.785639	-1.27285	0.208554	0.724263	-1.38071	0.223728	1.36485	1.36485	2.85214	2.6747	0.83359	1
cg19115204	0.187504	0.318401	-3.1407	0.0138759	0.0828447	-12.0708	0.870705	0.875063	-1.14277	0.0684594	0.188028	-5.31835	2.85211	30.3215	9.45	1
cg21746851	0.166615	0.575362	-1.73803	0.0495651	0.431812	-2.31582	0.634127	1.19687	1.19687	0.421823	1.36009	1.36009	2.85211	6.34586	1.97775	1
cg05244974	0.135726	0.593736	-1.68425	0.0295326	0.435663	-2.29535	0.0807608	0.533707	-1.87369	0.0661474	0.512582	-1.95091	2.8521	4.74879	1.48001	1
cg10692636	0.0705094	0.201778	-4.95594	0.0160727	0.0970189	-10.3073	0.429761	0.528226	-1.89313	0.118231	0.261035	-3.83091	2.85209	28.3226	8.82711	1
cg14581491	0.290768	1.23165	1.23165	0.0349939	0.626941	-1.59505	0.539425	0.888627	-1.12533	0.0110775	1.83197	1.83197	2.85208	1.63143	0.508456	1
cg13434308	0.803069	1.211	1.211	0.376526	2.00431	2.00431	0.00739109	14.0748	14.0748	0.0229777	8.03594	8.03594	2.85207	26.5171	8.26442	1
cg00231006	0.801417	1.02922	1.02922	0.00242837	0.617296	-1.61997	0.531499	0.930127	-1.07512	0.483584	1.08477	1.08477	2.85206	0.589945	0.183865	1
cg25723614	0.297148	1.44893	1.44893	0.0147068	2.80166	2.80166	0.0287894	0.412864	-2.4221	0.475686	1.28253	1.28253	2.85204	5.31665	1.65703	1
cg10786043	0.257965	0.626812	-1.59537	0.00557822	0.236815	-4.2227	0.228811	0.60667	-1.64834	0.108553	0.500238	-1.99905	2.85203	7.07309	2.20446	1
cg25784219	0.791038	0.824036	-1.21354	0.00666436	0.0768642	-13.01	0.0590828	0.211531	-4.72743	0.101918	0.271219	-3.68705	2.85203	23.9927	7.47779	1
cg00665492	0.470388	0.653832	-1.52944	0.562824	1.40286	1.40286	0.125666	0.383309	-2.60886	0.0149994	0.177246	-5.64186	2.852	15.1228	4.71335	1
cg10112672	0.568016	0.816232	-1.22514	0.0174325	0.361171	-2.76877	0.0498074	0.455093	-2.19735	0.605794	0.832623	-1.20102	2.85199	5.59191	1.74285	1
cg26355894	0.0743125	1.5921	1.5921	0.168485	0.709511	-1.40942	0.195682	1.37716	1.37716	0.264979	0.762092	-1.31218	2.85196	2.47038	0.76996	1
cg04172332	0.686941	0.901065	-1.1098	0.383693	1.2582	1.2582	0.73433	0.916136	-1.09154	0.108998	0.637987	-1.56743	2.8519	2.98649	0.930837	1
cg05337042	0.101234	0.46398	-2.15527	0.036822	0.354264	-2.82275	0.76694	0.880576	-1.13562	0.297049	0.629637	-1.58822	2.85185	8.27009	2.57769	1
cg04493143	0.801455	0.926534	-1.07929	0.00953708	2.70269	2.70269	0.10936	1.69667	1.69667	0.123479	1.65743	1.65743	2.85184	4.14213	1.29106	1
cg22088248	0.500785	0.685166	-1.4595	0.00779862	0.151093	-6.61844	0.0261128	0.232136	-4.30783	0.142186	0.417693	-2.3941	2.85184	13.8266	4.30959	1
cg07778315	0.457446	0.662342	-1.50979	0.00623854	0.143597	-6.96395	0.936454	1.04437	1.04437	0.133987	0.414833	-2.41061	2.85182	13.3878	4.17285	1
cg13876222	0.843395	1.05803	1.05803	0.242208	1.41776	1.41776	0.476309	1.22943	1.22943	0.231415	0.699079	-1.43045	2.8518	3.67371	1.14507	1
cg04062767	0.256538	1.43988	1.43988	0.050855	0.504197	-1.98335	0.0985601	0.572559	-1.74655	0.180231	0.645284	-1.54971	2.85171	4.2799	1.33406	1
cg10598683	0.326943	0.748859	-1.33537	0.289452	0.730359	-1.36919	0.297977	1.36113	1.36113	0.488973	0.818013	-1.22247	2.85164	3.68828	1.14968	1
cg12825804	0.251708	1.25963	1.25963	0.0126048	0.549951	-1.81834	0.0991455	0.705774	-1.41688	0.0957481	1.4229	1.4229	2.85161	1.67807	0.52308	1
cg03422651	0.933678	1.01174	1.01174	0.0646506	1.33778	1.33778	0.461565	1.11082	1.11082	0.8596	0.975479	-1.02514	2.8516	0.888012	0.276807	1
cg02706910	0.105648	0.858864	-1.16433	0.00691538	1.35105	1.35105	0.477895	0.939783	-1.06408	0.779967	0.976183	-1.0244	2.85159	0.334592	0.104298	1
cg14515049	0.0679812	0.595198	-1.68011	0.514263	0.845452	-1.1828	0.406405	1.2406	1.2406	0.368572	1.26418	1.26418	2.85158	2.90989	0.907064	1
cg01510153	0.673201	1.09577	1.09577	0.647082	0.905394	-1.10449	0.404861	0.83214	-1.20172	0.33481	0.806983	-1.23918	2.85158	2.09939	0.654419	1
cg25405998	0.543178	0.818852	-1.22122	0.0941173	0.550082	-1.81791	0.496954	0.799346	-1.25102	0.259732	1.46489	1.46489	2.85157	4.76246	1.48455	1
cg17378342	0.162347	2.55316	2.55316	0.0109342	7.44058	7.44058	0.0385057	4.51026	4.51026	0.155132	2.60117	2.60117	2.85156	17.8312	5.55837	1
cg23197859	0.00392202	2.70552	2.70552	0.1321	1.51696	1.51696	0.2138	1.39881	1.39881	0.705526	1.10223	1.10223	2.85153	2.96892	0.92548	1
cg11030446	0.109044	2.15914	2.15914	0.767035	1.1398	1.1398	0.0221124	3.34875	3.34875	0.205577	1.80069	1.80069	2.85152	8.76098	2.73101	1
cg07043044	0.13652	1.39407	1.39407	0.0664975	1.53144	1.53144	0.580945	0.890943	-1.12241	0.657524	0.911731	-1.09681	2.85149	1.93725	0.603895	1
cg21594567	0.791312	0.930125	-1.07512	0.00370476	0.342621	-2.91868	0.490784	1.21067	1.21067	0.463067	1.22632	1.22632	2.85149	3.3693	1.0503	1
cg19810433	0.0572142	0.454967	-2.19796	0.433893	0.746541	-1.33951	0.726487	1.13719	1.13719	0.2239	0.626424	-1.59636	2.85146	6.0516	1.88647	1
cg22114827	0.140493	0.754126	-1.32604	0.0497608	1.48931	1.48931	0.45174	1.1462	1.1462	0.683302	1.07573	1.07573	2.85141	1.43044	0.445921	1
cg16265552	0.875986	0.976306	-1.02427	0.0224347	0.65709	-1.52186	0.777909	0.957512	-1.04437	0.00932799	1.65922	1.65922	2.8514	1.06471	0.33191	1
cg25213350	0.217508	0.707327	-1.41377	0.592964	0.865881	-1.15489	0.855477	0.952505	-1.04986	0.00876969	0.410265	-2.43745	2.85139	3.21684	1.00281	1
cg25881535	0.216113	0.603701	-1.65645	0.103103	0.500934	-1.99627	0.0177563	0.327055	-3.05759	0.663704	0.843991	-1.18485	2.85138	6.78792	2.11606	1
cg11399254	0.00731815	0.289513	-3.45408	0.495337	0.780216	-1.2817	0.572017	0.814897	-1.22715	0.363042	0.715264	-1.39809	2.85134	5.80281	1.80899	1
cg15597136	0.171458	0.716195	-1.39627	0.717476	1.08688	1.08688	0.400189	0.820827	-1.21828	0.322962	1.26373	1.26373	2.85129	2.37371	0.740002	1
cg16262415	0.197211	0.839424	-1.19129	0.0108322	0.66306	-1.50816	0.03223	0.724674	-1.37993	0.268775	0.862526	-1.15938	2.88701	0.670066	0.232097	1
cg08181258	0.535432	0.751571	-1.33055	0.00770147	0.210534	-4.74983	0.22792	1.77877	1.77877	0.484359	0.723696	-1.38179	2.85127	9.35088	2.91515	1
cg01738638	0.209914	1.85302	1.85302	0.150693	2.05236	2.05236	0.456139	0.70167	-1.42517	0.254118	1.74349	1.74349	2.85124	9.8399	3.06764	1
cg26350921	0.164366	0.78419	-1.2752	0.683315	0.935002	-1.06952	0.110119	0.751765	-1.3302	0.124713	0.761591	-1.31304	2.85123	1.21241	0.377976	1
cg01362515	0.161736	0.431077	-2.31977	0.0118276	0.170326	-5.8711	0.0457168	0.275268	-3.63283	0.212314	0.477198	-2.09557	2.85119	14.3213	4.46482	1
cg26404867	0.171941	1.29409	1.29409	0.042258	1.51406	1.51406	0.78667	0.953043	-1.04927	0.552836	1.11232	1.11232	2.85118	1.41946	0.442534	1
cg21232615	0.990522	1.00499	1.00499	0.0174445	0.297574	-3.36051	0.0801978	0.443554	-2.25452	0.00883191	0.247533	-4.03986	2.85118	7.92136	2.46958	1
cg20993253	0.206051	0.510176	-1.96011	0.17206	2.08222	2.08222	0.0249169	0.260115	-3.84445	0.737376	1.18507	1.18507	2.85117	11.4955	3.58387	1
cg07042014	0.187421	0.423427	-2.36168	0.0340814	0.218431	-4.5781	0.043807	0.240442	-4.159	0.133719	0.369774	-2.70436	2.85116	17.0843	5.32628	1
cg01617317	0.684814	1.23441	1.23441	0.735763	1.191	1.191	0.865879	1.09115	1.09115	0.017084	0.223065	-4.483	2.85112	12.0253	3.74911	1
cg17088290	0.285206	1.21906	1.21906	0.859345	0.968844	-1.03216	0.586241	0.906583	-1.10304	0.609284	0.912119	-1.09635	2.85112	1.43786	0.448278	1
cg22016716	0.749649	0.891079	-1.12224	0.304114	0.681554	-1.46723	0.0327354	2.45947	2.45947	0.499815	0.781349	-1.27984	2.85111	5.85911	1.82669	1
ch.1.953398R	0.519384	0.864	-1.15741	0.683615	0.912373	-1.09604	0.755084	1.07255	1.07255	0.983135	0.99528	-1.00474	2.85111	2.26196	0.70521	1
cg15718940	0.996017	0.996882	-1.00313	0.729449	0.804776	-1.24258	0.921463	0.940175	-1.06363	0.0702692	0.282015	-3.54591	2.85109	17.6701	5.50901	1
cg08970446	0.38686	0.71935	-1.39014	0.203849	0.607726	-1.64548	0.959655	0.981389	-1.01896	0.750918	0.88846	-1.12554	2.85104	6.22742	1.94156	1
cg00396673	0.0648923	2.19453	2.19453	0.0306507	2.61895	2.61895	0.238891	1.59624	1.59624	0.104272	1.96072	1.96072	2.88674	5.84165	2.02362	1
cg02628107	0.00473882	0.347275	-2.87956	0.974069	1.00921	1.00921	0.936747	1.02263	1.02263	0.349283	0.762117	-1.31213	2.85101	3.58923	1.11905	1
cg04780454	0.506919	0.757752	-1.31969	0.105017	0.482006	-2.07466	0.0254985	0.335002	-2.98506	0.338903	0.666232	-1.50098	2.85101	7.66408	2.38951	1
cg12435677	0.1345	0.752666	-1.32861	0.114557	1.35283	1.35283	0.01411	1.70473	1.70473	0.881629	0.974105	-1.02658	2.85098	1.3999	0.436467	1
cg15356516	0.0219636	0.503571	-1.98582	0.406388	0.808944	-1.23618	0.837111	0.94991	-1.05273	0.559289	0.862955	-1.15881	2.85095	2.81354	0.877224	1
cg24949575	0.806991	0.963694	-1.03767	0.0200606	1.52784	1.52784	0.545242	0.911653	-1.09691	0.178366	1.24115	1.24115	2.85095	1.03067	0.321349	1
cg24974599	0.276272	1.18972	1.18972	0.068655	1.36699	1.36699	0.0950101	1.32501	1.32501	0.350655	0.862988	-1.15877	2.85095	1.06244	0.331254	1
cg02004370	0.202338	0.41318	-2.42025	0.0947128	0.299403	-3.33998	0.136852	0.349144	-2.86415	0.146165	0.359024	-2.78533	2.85095	19.4685	6.07002	1
cg26860182	0.0868601	3.87802	3.87802	0.413454	0.549221	-1.82076	0.528559	0.632787	-1.58031	0.783428	1.21832	1.21832	2.85094	23.1954	7.23205	1
cg24714666	0.97698	0.99588	-1.00414	0.0267754	0.686993	-1.45562	0.0433647	0.717166	-1.39438	0.135411	1.25894	1.25894	2.85093	0.924382	0.288213	1
cg00246486	0.0260647	2.43295	2.43295	0.315485	0.705079	-1.41828	0.928537	1.03066	1.03066	0.199217	0.633365	-1.57887	2.85093	5.11845	1.59588	1
cg20064325	0.176825	0.434303	-2.30254	0.678058	0.784658	-1.27444	0.00599259	0.124112	-8.05727	0.0437423	0.260111	-3.84452	2.85089	15.2378	4.75106	1
cg15248591	0.294961	0.753977	-1.3263	0.142369	0.663635	-1.50685	0.751522	1.0861	1.0861	0.183672	1.44301	1.44301	2.85087	3.05213	0.951643	1
cg02683070	0.232598	1.26761	1.26761	0.00544546	1.99909	1.99909	0.763796	0.944507	-1.05875	0.763391	0.944411	-1.05886	2.85082	1.62034	0.505225	1
cg27097846	0.0454475	2.5387	2.5387	0.158197	1.84523	1.84523	0.00261809	5.4309	5.4309	0.140024	1.90548	1.90548	2.85081	7.44482	2.32131	1
cg01099024	0.276109	0.523863	-1.9089	0.0526805	0.284504	-3.51489	0.0593937	0.296863	-3.36856	0.127299	0.39022	-2.56266	2.8508	14.7045	4.58492	1
cg13208003	0.0873001	0.327399	-3.05437	0.0317647	0.225642	-4.43179	0.159673	0.411178	-2.43204	0.0864703	0.326241	-3.06521	2.85074	15.7949	4.92501	1
cg13846270	0.276797	0.363359	-2.7521	0.29398	0.37749	-2.64907	0.390657	0.455108	-2.19728	0.0316772	9.52899	9.52899	2.85069	36.1643	11.2766	1
cg04976999	0.882647	0.976663	-1.02389	0.872782	0.974707	-1.02595	0.838017	0.967805	-1.03327	0.0144659	1.6189	1.6189	2.85068	1.15388	0.3598	1
cg26925231	0.817123	0.916944	-1.09058	0.579212	0.810843	-1.23328	0.00208582	5.06037	5.06037	0.13043	1.84307	1.84307	2.85067	6.3263	1.97265	1
cg02613871	0.220786	0.750078	-1.33319	0.252997	0.765881	-1.30569	0.765046	0.935234	-1.06925	0.339733	0.802661	-1.24586	2.85062	2.25333	0.702642	1
cg21834684	0.407654	0.563873	-1.77345	0.0333971	0.18609	-5.37374	0.246121	0.440221	-2.27159	0.164602	0.366798	-2.7263	2.85061	20.6573	6.44145	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg07977614	PLD1	0.07750139	0.04415535	0.23791	-4.24104	0.01039363	0.193154	-7.5101	0.04201037	0.231282	4.32372	0.4627	0.626808	-1.59538	0.01868666	0.219842	-4.54872	0.238412	0.455582	-2.19499	0.0541107	0.255879	-3.90809	0.0099948	0.324203	-3.08449	0.453826	0.620783	1.61087	2.85061	17.6268	5.49646	1
cg16865442	CLDN14;CLDN16;CLDN14;CLDN14	0.07750044	0.0851531	0.6423	-1.55688	0.08163327	0.638374	-1.56648	0.265156	0.763319	-1.31007	0.408331	0.821446	-1.21737	0.436451	0.831405	-1.20278	0.362329	0.804321	-1.24328	0.08804621	0.202449	2.20249	0.416451	0.865176	-1.81082	0.505117	0.854465	-1.17032	2.8506	2.44201	0.761479	1
cg08007074	WFDC1	0.07750045	0.08252332	0.51189	4.51189	0.01964649	9.10105	9.10105	0.08962514	0.33254	4.33254	0.206146	2.84292	2.84292	0.09893393	0.42638	4.42638	0.626616	0.516361	5.16361	0.03856226	0.53759	6.53759	0.0211682	8.77122	8.77122	0.08931	4.34006	4.34006	2.8506	27.7143	8.64204	1
cg14528881	CLI64;PCID2;PCID2;PCID2;CLI64	0.07750047	0.7688899	1.02493	1.02493	0.08350414	1.20295	1.20295	0.06070686	0.22625	1.22625	0.120318	0.8469889	-1.17649	0.367805	0.39334	1.96353	0.782111	-1.27859	0.213816	0.883488	-1.13457	0.25682	1.12093	1.12093	2.85059	0.4200045	0.1309881	1
cg20673481	KCNS3	0.07750048	0.123849	0.45831	0.45831	0.338592	2.54875	2.54875	0.077249	0.64412	6.64412	0.153082	4.26825	0.272867	0.338781	-2.95176	0.188045	0.37493	3.75493	0.016586	0.04338	0.190285	5.19028	0.0044891	0.45407	2.20249	0.484115	0.144401	0.41507	2.85059	40.6149	12.6648	1
cg17901038	UBE2O	0.07750125	0.2883304	1.83879	1.83879	0.01759144	0.847407	1.84707	0.4706815	0.293078	2.93078	0.59226	1.34366	0.3463	0.07737616	0.339309	-2.977	0.961854	0.974205	-1.02648	0.5483368	0.717591	-1.39355	0.0440979	3.53908	3.53908	0.731215	0.828274	-1.20753	2.85059	13.479	4.20312	1
cg02227969	RAB35;RAB35	0.07750509	0.4666621	1.33583	1.33583	0.9135592	0.958462	-1.04334	0.780918	0.896751	-1.11554	0.142764	0.54026	-1.85096	0.195232	0.585395	-1.70825	0.00563719	0.241706	-4.13726	0.4666091	0.748633	-1.33577	0.146629	1.83851	1.83851	0.0915732	0.483774	-2.06708	2.85053	6.89711	2.15075	1
cg01532048	HIBADH;MRPL40	0.07751125	0.5081391	1.19522	1.19522	0.03212726	0.479321	-2.08628	0.1543582	0.838994	-1.1919	0.779394	1.07745	1.07745	0.04738353	0.547401	-1.82681	0.04306123	0.538834	-1.85586	0.976973	1.0077	1.0077	0.124029	1.56431	1.56431	0.3909062	1.263	1.263	2.85048	3.18551	0.993364	1
cg06302090	PCSK2	0.07751132	0.2784317	0.673548	-1.48467	0.04051286	0.229229	2.29229	0.9847515	0.991778	0.8209237	0.170137	0.690222	-1.44881	0.06409558	0.482081	-2.07434	0.063657	0.480711	-2.08025	0.115287	0.548582	1.82288	0.0640958	0.424827	-2.34287	0.434701	0.756162	1.32347	2.85047	5.55132	1.73112	1
cg02016723	WFDC5	0.07751142	0.209067	0.819311	-1.22054	0.333439	1.16202	1.16202	0.184169	0.808937	-1.23619	0.507614	0.903777	-1.10647	0.296911	0.849786	-1.17677	0.195027	1.22912	1.22912	0.00547092	1.73304	1.73304	0.988017	1.00226	1.00226	0.548917	1.09558	1.09558	2.85045	1.0227	0.318021	1
cg12690996	KLHL21	0.07751516	0.5577862	1.84279	1.84279	0.01165	0.2164	2.16468	0.7761849	0.791989	0.92654	-1.07928	0.6012229	0.54	-1.73037	0.3116	-3.20946	0.40577	1.29317	1.29317	0.5463858	1.24385	1.24385	0.0199183	1.92437	1.92437	0.277658	0.721998	1.38504	2.85044	3.75812	1.17194	1
cg27138801	IQSEC3;QSEC3	0.07751573	0.680781	1.22244	1.22244	0.00983329	0.87624	4.87624	0.414013	0.43372	4.35372	0.342025	0.160857	1.60857	0.209629	0.526232	1.9003	0.711866	1.19737	1.19737	0.5039552	0.719445	-1.38996	0.330664	1.62802	1.62802	0.337525	1.61653	1.61653	2.8504	10.6425	3.31881	1
cg10067510	GTF2A1L;GTF2I;GTF2A1;GTF2A1;GTF2A1L	0.07751595	0.347216	1.96029	1.96029	0.0503689	4.71666	4.71666	0.01119206	0.112796	-8.86556	0.207255	2.52149	2.52149	0.255443	2.28329	2.28329	0.650206	1.37365	1.37365	0.156597	2.8683	2.8683	0.151755	2.90934	2.90934	0.536971	1.54457	1.54457	2.85037	21.8309	6.80796	1
cg27634884	ID1;ID1	0.07752114	0.8845011	1.04173	1.04173	0.117963	1.61204	1.61204	0.424465	1.2579	1.2579	0.318529	0.748277	-1.3364	0.7905588	1.07773	1.07773	0.07102266	0.567068	-1.76346	0.0294447	0.486109	-2.05715	0.020463	0.455856	-2.19368	0.382886	0.777481	-1.28621	2.85034	3.57158	1.11381	1
cg15087770	ZNF182	0.07752124	0.6342484	1.0872	1.0872	0.6413558	0.663349	-1.5075	0.539891	0.897997	-1.11433	0.085468	1.39324	1.39324	0.396447	0.804934	-1.2426	0.850574	1.15356	1.15356	0.0760597	0.857019	1.16705	0.0996834	1.16556	1.16556	0.073004	1.28731	1.28731	2.85033	1.37072	0.428401	1
cg17481117	GABRA5;GABRA5	0.07752227	0.3483138	0.826375	-1.2101	0.429218	1.17272	1.17272	0.0251562	1.69172	1.69172	0.63	0.908619	-1.10057	0.0656101	0.6650228	-1.5037	0.184897	1.31997	1.31997	0.0724933	0.67324	-1.48535	0.86867	0.967857	-1.03321	0.14001	1.36818	1.36818	2.85032	1.75956	0.548729	1
cg15946193	CXCL13	0.07752235	0.0360881	1.129027	-7.75032	0.23532	0.351746	-2.84296	0.04709862	0.148267	-6.7446	0.15557	0.279015	-3.58404	0.0496583	0.152417	-6.56095	0.040574	0.146549	-6.82368	0.0121993	0.0723558	-13.821	0.149605	0.273124	-3.66134	0.0965182	0.215925	-4.63124	0.28531	31.8562	9.93456	1
cg00188746	TMEM51;TMEM51;C1orf126	0.07752238	0.2040031	0.815505	-1.22623	0.4927	0.899428	-1.11182	0.263323	1.19412	1.19412	0.166439	0.798942	-1.25165	0.875786	0.976483	-1.02408	0.391828	1.14279	1.14279	0.272658	1.1897	1.1897	0.53381	0.908583	-1.10062	0.00504947	1.75787	1.75787	2.85031	1.04483	0.325838	1
cg27207753	LOC401052	0.07752242	0.1043031	0.456309	-2.19151	0.1039239	0.471125	-2.12258	0.1454584	0.668848	-1.64236	0.880439	0.9513	-1.05121	0.8946691	1.07435	1.07435	0.722295	1.12007	1.12007	0.121492	1.7048	1.7048	0.0630165	0.5154525	-1.94354	0.205336	1.52894	1.52894	2.8503	4.55779	1.42138	1
cg18751657	PTPN12;PTPN12;PTPN12	0.07752242	0.518525	1.18787	1.18787	0.198894	0.699588	-1.42941	0.159232	0.672303	-1.48544	0.457323	1.2203	1.2203	0.780767	0.929239	-1.07615	0.958203	0.986309	-1.01388	0.0039633	1.27085	2.77085	0.798682	0.934983	-1.06954	0.25022	0.729021	-1.3717	2.8503	3.12333	0.974034	1
cg09264112	GCHFR;GCHFR	0.07752243	0.9483961	1.013153	1.013153	0.706841	1.08162	1.08162	0.8477112	0.945124	1.06145	0.944137	1.11495	1.11495	0.3802422	0.603479	-1.65746	0.9359	1.18029	1.18029	0.603479	1.45346	1.45346	0.2526206	0.8808916	0.494483	-2.02154	0.09795545	1.60535	1.60535	2.8503	1.54646	0.407018	1
cg08132132	CHMP4C	0.07752254	0.00880558	8.51049	8.51049	0.167862	2.56921	2.56921	0.08566609	3.3856	3.3856	0.857904	0.89132	-1.12193	0.954276	1.0375	1.0375	0.951931	1.03946	1.03946	0.475165	1.59391	1.59391	0.0510433	4.16453	4.16453	0.020382	0.616316	0.616316	2.85028	18.604	5.80183	1
cg12135835	ZNF431	0.07752286	0.0799018	0.376564	-2.65559	0.17868	0.487686	-2.0505	0.257317	0.552033	-1.81149	0.847394	0.907709	-1.10167	0.9315261	0.928155	-1.35177	0.520247	0.720675	-1.38759	0.00854497	0.185194	-5.39974	0.0238853	0.258015	-3.87574	0.985411	0.990852	-1.00923	2.85023	11.4026	3.55607	1
cg00589944	KPNA6	0.07752294	0.133544	0.33933	-2.9761	0.3497955	0.550749	-1.81571	0.413231	0.588098	-1.75748	0.182679	0.394702	-2.52928	0.0978527	0.392924	-2.55012	0.080956	0.727531	-1.3682	0.0281576	0.151066	-6.61961	0.593824	1.43743	1.43743	0.124866	0.313101	-3.02105	2.8502	20.152	6.397	1
cg23635130	PTPN2;PTPN2;PTPN2	0.07753003	0.1344611	0.315297	-3.17162	0.222941	2.49908	2.49908	0.583736	1.48551	1.48551	0.733142	0.782889	-1.27732	0.0512129	0.204357	-4.89339	0.726945	0.778233	-1.28496	0.00714895	0.0833856	-11.9925	0.13667	0.31767	-3.14792	0.179976	0.361157	-2.76888	2.85021	23.0904	7.20116	1
cg08379517	UBE2S	0.07753135	0.0519285	0.262215	-3.81396	0.307889	0.447657	-2.23385	0.0609977	0.278578	-3.58966	0.108409	0.346458	-2.88635	0.0244028	0.197255	-5.07009	0.115414	0.39401	-2.53949	0.0426283	0.24347	-4.10728	0.0131118	0.155371	-6.43622	0.206082	0.44607	-2.2438	2.85016	16.5371	5.15746	1
cg00154968	CD613;CDK13	0.07753137	0.222798	0.461042	-2.169	0.410073	0.60229	-1.66033	0.717704	0.804203	-1.24347	0.213818	1.2729	1.2729	0.133682	2.6689	2.6689	0.351294	1.7823	1.7823	0.56396	1.42967	1.42967	0.454792	0.6325292	1.5808	0.00564956	0.102626	-9.74414	0.35428	17.036	4.33824	1
cg10112711	CAPS2	0.07753154	0.0898928	0.49635	-2.01471	0.0315282	0.388713	-2.57259	0.129639	0.541453	-1.84688	0.995727	1.00201	1.00201	0.00900353	0.268128	-3.47068	0.163008	0.570649	-1.75239	0.0858205	0.490969	-2.03679	0.0843093	0.488924	-2.04531	0.0712749	0.470069	-2.12735	2.85013	6.33764	1.97656	1
cg04255201	PNMA1;2	0.07753164	0.1840601	0.3719	-2.6885	0.2689178	0.447657	-2.23385	0.0609977	0.278578	-3.58966	0.108409	0.346458	-2.88635	0.0244028	0.197255	-5.07009	0.115414	0.39401	-2.53949	0.0426283	0.24347	-4.10728	0.0131118	0.155371	-6.43622	0.206082	0.44607	-2.2438	2.85016	16.5371	5.15746	1
cg00349980	SUMO3	0.07753168	0.0936987	0.34919	3.40919	0.0755314	2.72975	2.72975	0.152836	2.7696	2.7696	0.207465	2.42159	2.42159	0.0561547	1.40044	1.40044	0.185854	1.393257	2.54287	0.0631069	1.10614	10.6614	0.391581	1.79326	1.79326	0.160424	2.72107	2.72107	2.85011	19.9827	6.23219	1
cg18142162	CCDC23;ERMAP	0.07753205	0.0200558	0.2455	-4.07351	0.0294625	0.502028	-1.9933	0.0652952	0.494756	-2.02107	0.0660455	0.497162	-2.01208	0.0655992	0.494716	-2.02042	0.0600193	0.442867	-2.25806	0.0350102	0.440253	-2.27127	0.0299498	0.444507	-2.24998	-4.00013	0.249597	-4.00013	0.249597	2.85011	3.25128	1.31514	1
cg21936541	CTHRC1	0.07753382	0.0443598	0.306114	-3.26676	0.950008	1.03266	1.03266	0.653397	0.793183	-1.26074	0.436599	0.665764	-1.50203	0.0201818	0.237846	4.2044	0.080245	0.369815	-2.70406	0.104892	0.40316	-2.4804	0.0854124	2.65043	2.65043	0.157783	0.461068	-2.16888	2.85009	11.8609	3.66919	1
cg26278134	ELAVL1	0.07754005	0.24092	0.664217	-1.50553	0.813103	0.931371	-1.07369	0.322021	0.711723	-1.40504	0.287787	1.45541	1.45541	0.00315035	0.260573	-3.83769	0.357024	1.37122	1.37122	0.367593	1.36131	1.36131	0.0805201	1.06512	1.06512	0.410616	0.755467	-1.32368	2.85006	5.03157	1.56365	1
cg13963795	ZFP42	0.07754141	0.7658685	1.08292	1.08292	0.7111	1.16861	1.16861	0.4184982	1.10044	1.10044	0.728665	1.1181	1.1181	0.00447073	1.81847	1.81847	0.679357	1.04253	1.04253	0.7407775	1.04249	1.04249	0.7388239	1.06775	1.06775	0.6479979	1.10401	1.10401	0.614879	1.0831	1.84803	0.350234	1
cg18525731	CNIH3	0.07754137	0.6841727	0.730873	-1.36823	0.128587	1.52247	1.52247	0.208148	2.76576	2.76576	0.386414	0.506288	-1.97516	0.103518	0.255398	-3.91546	0.100262	0.97653	0.97653	0.767507	0.796705	-1.25517	0.013767	10.3236	10.3236	0.304251	0.442353	-2.26064	2.85001	26.5263	8.27328	1
cg16127573	CTNND1,CTNND1;CTNND1,CT ND1;CTNND1;CTNND1;CTNND1;CTNN D1;CTNND1;CTNND1;CTNND1;CTN	0.0775438	0.158692	0.547809	-1.82545	0.522863	1.29522	1.29522	0.0108325	3.59054	3.59054	0.36802	1.44681	1.44681	0.0401806	0.387879	-2.57813	0.686422	1.17601	1.17601	0.252171	0.630129	-1.61257	0.965992	1.01718	1.01718	0.40065	1.4101	1.4101	2.85001	7.20261	2.24642	1
cg13820589	LPIN2	0.07754447	0.241867	0.778117	-1.28515	0.249427	1.27958	1.27958	0.31098	1.23948	1.23948	0.0406236	0.616212	-1.62282	0.1087	0.698847	-1.43093	0.133795	0.722242	-1.38458	0.0607715	0.648606	-1.54177	0.233759	1.29132	1.29132	0.245315	1.28259	1.28259	2.84999	1.89329	0.590501	1
cg01658824	FKFM;FKFM;PFKM;PFKM	0.07754453	0.1949746	0.4677	-2.13796	0.0618442	1.19542	1.19542	0.455519	1.1342	1.1342	0.345519	1.13821	1.13821	0.0396617	0.713732	-1.40144	0.0962895	1.16484	1.16484	0.0843977	1.41597	1.41597	0.0964417	0.97864	-1.02143	0.616706	0.97864	-1.02143	0.616706	2.84998	1.30937	0.408384	1
cg24726402	OMA1	0.07754479	0.8304024	0.959908	-1.04177	0.0290691	1.63363	1.63363	0.0167475	1.74559	1.74559	0.40002	1.17865	1.17865	0.613543	1.10204	1.10204	0.09285 66	1.42302	1.42302	0.0873727	0.697624	-1.43344	0.218589	1.28003	1.28003	0.249508	1.25812	1.25812	2.84994	0.143063	0.512456	1
cg00875200	TRIM27	0.07754481	0.285624	0.72368	-1.38183	0.565093	1.18483	1.18483	0.817322	0.934751	-1.06976	0.923041	0.539798	-1.85253	0.0204212	0.370648	-2.69861	0.574216	1.18004	1.18004	0.0342629	0.328826	-3.04112	0.0197284	1.48719	1.48719	0.269703	1.3982	1.3982	2.84994	0.838859	1.19724	1
cg05768403	CCDC90A	0.07754486	0.4067676	1.31172	1.31172	0.0505193	0.5013108	2.52523	0.1141775	0.2821003	3.54488	0.4082	0.6454611	1.31172	0.3902754	0.762855	-1.31109	0.3387326	0.637099	-1.56814	0.292937	0.8719383	-1.14681	0.9111115	2.86441	2.86441	0.1128648	2.12464	2.12464	2.84993	12.2383	3.81712	1
cg20629315	THADA;THADA LEF1;LEF1;LEF1;LEF1;LEF1;LOC641	0.0775487	0.744347	0.885619	-1.12915	0.0197714	0.351756	-2.84288	0.0409005	0.41645	-2.40125	0.0117357	0.310798	-3.21752	0.0701808	0.471707	-2.11996	0.258076	0.645857	-1.54833	0.480915	0.766474	-1.30468	0.897977	1.04877	1.04877	0.0870327	0.495849	-2.01674	2.84993	6.21971	1.93992	1
cg05344432	518	0.07754493	0.765483	0.931657	-1.07106	0.198004	1.3655	1.3655	0.433565	0.832454	-1.20127	0.113756	0.673769	-1.48419	0.920845	0.977449	-1.02307	0.776196	1.06759	1.06759	0.837682	0.954019	-1.0482	0.0478259	1.68073	1.68073	0.0074716	2.20664	2.20664	2.84992	2.37688	0.741347	1
cg24598440	FBXO6;FBXO6	0.07754503	0.0099788	0.347059	-4.82835	0.0139405	0.629426	-1.59137	0.1292742	0.8005507	-1.24454	0.2850318	0.6273649	-1.59274	0.4979231	0.731535	-1.36738	0.0861453	1.25399	1.25399	0.6537846	0.8260973	-1.21051	0.1517412	1.55986	1.55986	0.0944097	2.19908	2.19908	2.84991	8.29173	2.5862	1
cg07855967	C6orf114;GFOD1	0.07755123	0.108906	0.787382	-1.27003	0.0960184	0.778861	-1.28393	0.8033821	1.0347	1.0347	0.0952128	0.778997	-1.2837	0.8440522	0.972829	-1.02793	0.170118	0.818895	-1.22108	0.0815523	0.708364	-1.4117	0.18716	1.21664	1.21664	0.0914835	1.28928	1.28928	2.84989	0.843717	0.263159	1
cg24107872	KIAA0930;MRTO4	0.07755778	0.177685	0.811073	-1.23293	0.304916	1.16801	1.16801	0.119782	1.27984	1.27984	0.51089	0.907119	-1.10239	0.9017861	1.66203	1.66203	0.040204	1.41402	1.41402	0.864898	1.02521	1.02521	0.603756	1.07955	1.07955	0.924134	1.08617	1.08617	2.84988	0.964473	0.330832	1
cg16703126	MAFF;MAFF;MAFF;MAFF	0.07755788	0.472751	0.8031	-1.24513	0.2728128	0.917269	-1.09019	0.6569509	0.94107	-1.06277	0.483401	0.853533	-1.17146	0.2937704	0.814818	-1.22768	0.0026056	1.52709	1.52709	0.163935	0.7423189	-1.3469	0.0023	1.72199	1.72199	0.0033776	1.04682	1.04682	2.84985	0.8930776	1.0515	0.387711	1
cg12675571	LOC728264;MIR145	0.07755996	0.0830724	0.297524	-3.36107	0.0225521	0.178051	-5.61636	0.121743	0.346541	-2.88566	0.0246189	0.184359	-5.42421	0.211891	0.435713	-2.29509	0.109357	0.331917	-3.01281	0.0292086	0.197255	-5.06957	0.809972	1.16438	1.16438	0.07000051	0.278093	-3.59592	2.84977	18.013	5.61853	1
cg05738687	FAM101B	0.07757561	0.4334852	0.754936	-1.32461	0.538741	0.803388	-1.24473	0.0300876	0.405285	-2.4529	0.0200768	0.372843	-2.68209	0.0194937	0.617394	-1.61971	0.249355	0.888188	-1.12587	0.4328892	0.39512	-2.53107	0.0423255	0.87357	-1.14473	0.0432504	0.44139	-2.26557	2.84975	5.58388	1.74172	1
cg00528040	FMO1	0.07758525	0.01905534	0.464503	-2.19105	0.0885004	0.395475	-2.5286	0.0139745	0.2545	-3.93135	0.0137142	0.169709	-5.89019	0.0043812	0.528249	-3.89305	0.749191	0.88111	-1.13493	0.989876	1.00551	1.00551	0.238692	0.7110161	-1.40645	0.0739271	0.576459	-1.73481	2.84973	4.75759	1.07538	1
cg00682653	YTHDF2;YTHDF2	0.07756132	0.587829	1.23869	1.23869	0.858901	0.933181	-1.0716	0.707247	1.15902	1.15902	0.00423022	0.223588	-4.47251	0.901329	0.952639	-1.04972	7	7	7	0.259007	1.5851	1.5851	0.235933	1.62553	1.62553	0.250165	1.6001	1.6001	2.8854	6.21544	2.1541	1
cg02479691	ZNF707;ZNF707;ZNF707	0.07756247	0.4544723	1.19162	1.19162	0.3078844	1.19269	1.19269	0.1003727	0.838328	0.52418	-1.90774	0.8364647	0.9933	-1.00673	0.9999467	1.00002	0.658604	1.162	1.162	0.3896945	1.13659	1.13659	0.0551841	1.1639	1.1639	0.782391	1.01064	1.01064	1.0981	2.84969	1.16514	1
cg03674529	HS3ST6	0.07756648	0.1933666	0.742685	-1.34646	0.0607527	0.57921	-1.57921	0.137438	0.707677	-1.41307	0.517602	0.883773	-1.13151	0.451241	0.847132	-1.18045	0.023731 9	0.557959	-1.79225	0.340701	0.80879	-1.23641	0.679345	1.094	1.094	0.0251444	0.562353	-1.77824	2.84966	2.10833	0.657647	1
cg22748229	RASGEF1B	0.07756657	0.0178497	0.6132	-1.63035	0.0133108	0.252523	-3.96044	0.0111586	0.23914	-4.18314	0.1946562	0.504394	-1.98267	0.5131868	0.668305	-1.49577	0.122296	1.3044	1.3044	0.2904681	0.6248401	-1.60107	0.0183408	0.9162681	0.9162681	0.9248344	0.91669	-1.09102	2.84964	3.00206	1.05663	1
cg20676572	PHF21B;PHF21B	0.07756992	0.981079	0.995669	-1.00435	0.0293911	1.59936	1.59936	0.0234877	0.609379	-1.64102	0.45715	1.14866	1.14866	0.701998	1.0729	1.0729	0.402712	1.1697	1.1697	0.0458142	1.5205	1.5205	0.110571	1.37474	1.37474	0.957798	1.00973	1.00973	2.84962	1.51207	0.471662	1
cg16692227	SAMD12;SAMD12	0.07757701	0.0386451	0.421628	4.21628	0.195051	2.27834	2.27834	0.38591	1.7058	1.7058	0.0330023	4.47261	0.926565	0.94612	-1.05695	0.415272	1.64919	1.64919	0.573483	0.710535	-1.40739	0.00586216	8.7308	8.7308	0.392606	1.69245	1.69245	2.84961	16.2906	5.08159	1
cg26872157	DEPDC5	0.07757732	0.1907912	0.4809	-2.07911	0.1129769	0.584837	-1.70981	0.2613305	0.817112	-1.14796	0.8485128	1.12288	1.12288	0.0957794	1.44584	1.44584	0.2416564	1.52709	1.52709	0.163935	0.7423189	-1.3469	0.0023	1.72199	1.72199	0.0033776	1.04682	1.04682	2.84961	0.8930776	1.0515	0.387711	1
cg24904925	SH3PXD2B	0.07757731	0.798531	1.04002	1.04002	0.0531606	0.140081	1.40081	0.404645	1.13975	1.13975	0.424734	1.13322	1.13322	0.854332	0.972199	-1.0286	0.473797	0.894256	-1.11825	0.00565111	0.572866	-1.74561	0.277233	1.1893	1.1893	0.547122	0.910764	-1.09798	2.84957	1.06217	0.33133	1
cg18349097	MIR644;ITCH	0.07757741	0.163641	0.758403	-1.31826	0.875785	0.10532	1.02532	0.0133867	0.6124	-1.63292	0.0775105	1.36839	1.36839	0.820586	0.91606	-1.09196	0.079628	0.732753	-1.36472	0.1758284	1.25631	1.25631	0.0135099	0.853249	-1.17199	0.873675	1.02618	1.02618	2.84953	1.15293	0.359646	1
cg10511988	VAX1	0.07757763	0.0517452	0.197767	-5.05646	0.228788	0.396671	-2.52098	0.779428	1.2282	1.2282	0.14208	0.314903	-3.17558	0.0356236	0.261813	-3.81952	0.226259	1.39479	1.39479	0.2534949	0.317145	0.107533	-9.29948	0.152649	1.32172	0.1460645	0.0739271	0.576459	-1.73481	2.84973	24.1875	7.54513	1
cg09009041	HRK	0.07757776	0.475149	0.736541	-1.3577	0.0158194	3.47222	3.47222	0.73955	1.15083	1.15083	0.0243403	3.09572	3.09572	0.0956274	0.462649	-2.16147	0.760005	0.881906	-1.13391	0.22779	0.586875	-1.70394	0.759366	1.13811	1.13811	0.7068117	0.852904	-1.17246	2.8945	8.00163	2.49608	1
cg29321304	PICALM;PICALM	0.07757849	0.2564207	0.688662	-1.45211	0.4435124	0.516737	-1.93522	0.0168423	0.405958	-2.46317	0.157375	0.884644	-1.13047	0.2095161	0.439138	-2.27722	0.1345773	0.6604	-1.51443	0.3978182	1.24938	1.24938	0.405402	1.12

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg17540545	FXYD1;FXYD1	0.0776705	0.527693	1.29896	1.29896	0.795796	1.11184	1.11184	0.0370496	0.371652	-2.69069	0.0198287	0.316687	-3.15769	0.081272	0.453827	-2.20348
cg08693271	C12orf72;C12orf72;C12orf72	0.077672	0.103527	0.273562	-3.65547	0.0883704	0.25441	-3.93067	0.0834005	0.247775	-4.03591	0.379157	0.518481	-1.92871	0.0498534	0.196218	-5.09636
cg18835300	PCDH7	0.0776747	0.501901	1.1786	1.1786	0.0149688	0.486126	-2.05708	0.0347526	0.552448	-1.81012	0.843583	1.04878	1.04878	0.197434	0.719999	-1.38889
cg06021522	SERGEF	0.0776762	0.0521813	0.503735	-1.98517	0.270395	1.42803	1.42803	0.274405	0.702513	-1.42346	0.930251	0.973185	-1.02755	0.0043266	0.306014	-3.26783
cg23053573	AIM1L	0.0776777	0.98805	0.994673	-1.00536	0.00618586	3.57229	3.57229	0.190107	1.64025	1.64025	0.247151	1.53959	1.53959	0.133166	0.561175	-1.78197
cg08877960	GPR153	0.0776778	0.0278537	0.344338	-2.90412	0.118325	0.49881	-2.00477	0.31342	0.652029	-1.53368	0.436591	0.722139	-1.38478	0.0226606	0.326535	-3.06246
cg15409133	GALNT9	0.0776785	0.161053	2.60157	2.60157	0.00505452	10.6741	10.6741	0.252159	2.1469	2.1469	0.276184	2.06157	2.06157	0.0683009	3.68293	3.68293
cg00745486	MLPH;MLPH	0.0776788	0.917192	0.976154	-1.02443	0.0198718	0.520774	-1.92022	0.00643643	0.439384	-2.27592	0.952495	0.986269	-1.01392	0.691752	0.911667	-1.09689
cg24440941	HIST1H3E	0.0776792	0.841321	1.29523	1.29523	0.341547	3.54228	3.54228	0.0462633	19.0421	19.0421	0.0725834	13.2669	13.2669	0.726325	0.635401	-1.57381
cg08979191	SEPT8;SEPT8;SEPT8;SEPT8	0.0776793	0.423578	0.638831	-1.56536	0.00933877	6.09595	6.09595	0.0256702	4.2763	4.2763	0.576614	1.36242	1.36242	0.285395	0.544252	-1.83738
cg10292154	IL21R;IL21R;IL21R	0.0776812	0.151799	0.120938	-8.26869	0.0537069	0.0491045	-20.3647	0.0974968	0.0819554	-12.2018	0.327029	0.248572	-4.02298	0.0166073	0.0178734	-55.949
cg21493951	HLA-DQB1	0.0776819	0.6108	0.67914	-1.47245	0.0122341	10.5168	10.5168	0.296898	0.442512	-2.25982	0.915156	0.922804	-1.08365	0.0643543	4.79085	4.79085
cg04219802	ZMYM2;ZMYM2	0.0776823	0.510735	0.708647	-1.41114	0.0952982	0.388238	-2.57574	0.588677	0.754386	-1.32558	0.116557	2.41173	2.41173	0.0245914	0.251046	-3.98334
cg03552242	JPH3	0.0776832	0.851617	0.922117	-1.08446	0.178865	1.85589	1.85589	0.430296	1.41706	1.41706	0.182464	0.541906	-1.84534	0.579295	0.784669	-1.27442
cg04970389	C21orf59	0.0776843	0.0152965	0.219851	-4.54854	0.129531	0.434657	-2.30066	0.147249	0.453311	-2.20599	0.548326	0.734181	-1.36206	0.00918926	0.185893	-5.37945
cg03920623	YAF2	0.0776848	0.271183	1.21285	1.21285	0.0806566	0.721547	-1.38591	0.110521	0.746061	-1.34037	0.393457	1.15865	1.15865	0.196822	1.25843	1.25843
cg20257372	OVCA2;DPH1	0.0776875	0.32004	0.859448	-1.16354	0.0357019	1.43378	1.43378	0.0971572	1.30782	1.30782	0.95872	1.00766	1.00766	0.867172	1.02498	1.02498
cg09841884	LDB2;LDB2	0.0776877	0.909306	0.972226	-1.02857	0.00221998	2.8848	2.8848	0.266825	1.33104	1.33104	0.330918	0.78038	-1.28143	0.480948	1.19373	1.19373
cg05405742	ZBTB11;LOC100009676	0.0776877	0.0545403	0.370586	-2.69843	0.0638555	0.387492	-2.5807	0.929601	0.960582	-1.04104	0.996607	0.998067	-1.00194	0.027776	0.30613	-3.26659
cg16399922	GYPE;GYPE	0.0776882	0.00760226	0.484084	-2.06576	0.124126	0.70333	-1.42181	0.801059	0.948035	-1.05481	0.0257551	0.571375	-1.75016	0.0298701	0.582683	-1.7162
cg08831996	MRE11A;MRE11A;ANKRD49;MRE11A;MRE11A	0.0776893	0.180066	0.628738	-1.59049	0.159919	0.612971	-1.6314	0.872341	0.948934	-1.05381	0.323906	0.717431	-1.39386	0.842958	0.937393	-1.06679
cg20350671	IL1RAPL1	0.0776893	0.0461476	0.219393	-4.55803	0.0103576	0.117201	-8.53238	0.388491	0.556128	-1.79815	0.591588	1.43272	1.43272	0.308816	0.496948	-2.01228
cg06231863	LOC645332	0.07769	0.570586	0.923973	-1.08228	0.768172	1.04162	1.04162	0.615121	1.07244	1.07244	0.127956	0.796905	-1.25485	0.0388945	0.719035	-1.39075
cg19102866	FAM170B	0.0776931	0.454994	0.854039	-1.17091	0.0744277	0.662258	-1.50999	0.0403518	0.612008	-1.63397	0.606006	1.11391	1.11391	0.740015	0.933285	-1.07148
cg20017381	CSF2RB	0.0776935	0.107838	0.553251	-1.8075	0.315325	0.7045	-1.41945	0.0976643	0.541686	-1.84609	0.276293	0.682469	-1.46527	0.00541323	0.290855	-3.43814
cg00079388	ZC3H15	0.0776949	0.0488728	0.331204	-3.01928	0.687267	0.819697	-1.21996	0.901427	0.940939	-1.06277	0.27898	0.57522	-1.73846	0.110802	0.425885	-2.34805
cg16558530	ABT1	0.0776968	0.0532621	0.2244	-4.45634	0.0550093	0.227482	-4.39595	0.151038	0.350926	-2.8496	0.152027	0.35194	-2.84139	0.0237866	0.15943	-6.27236
cg18025886	MFI2;MFI2	0.0776991	0.191651	1.69353	1.69353	0.038092	2.49979	2.49979	0.0301657	2.64215	2.64215	0.339195	1.45563	1.45563	0.550862	0.794541	-1.25859
cg02945385	SRGAP3;SRGAP3	0.0777013	0.974151	1.01309	1.01309	0.0747154	0.45063	-2.21912	0.633033	1.21306	1.21306	0.164102	1.81511	1.81511	0.440051	0.728932	-1.37187
cg12440187	GNL1	0.0777017	0.00924313	0.124782	-8.014	0.18927	0.41643	-2.40137	0.536462	0.674125	-1.4834	0.0946404	0.314341	-3.18126	0.0177856	0.162781	-6.14321
cg06147366	FGFR1OP;FGFR1OP	0.0777022	0.425467	0.878115	-1.1388	0.00946145	1.69076	1.69076	0.0700639	1.38189	1.38189	0.724192	0.944989	-1.05821	0.871274	1.02624	1.02624
cg05777357	LHX2	0.0777034	0.0201292	0.192568	-5.19297	0.170078	0.423721	-2.36005	0.993604	0.995301	-1.00472	0.354565	1.75009	1.75009	0.222475	0.47077	-2.12418
cg00030807	ARHGEF10	0.077704	0.0910165	1.95714	1.95714	0.85261	0.935116	-1.06939	0.885119	0.949189	-1.05353	0.212384	1.60604	1.60604	0.00915784	3.29968	3.29968
cg02161655	PNKD;PNKD	0.0777058	0.127998	0.654308	-1.52833	0.0190534	0.48114	-2.0784	0.0136098	0.455253	-2.19658	0.254229	0.73572	-1.35921	0.0412251	0.544953	-1.83502
cg26401796	NTF3	0.0777077	0.155482	0.287387	-3.47963	0.0955906	4.49045	4.49045	0.808908	0.819741	-1.2199	0.244814	0.368574	-2.71316	0.0904029	0.216374	-4.62163
cg27510667	CTDSPL2	0.07771	0.259749	0.774441	-1.29125	0.260059	0.774581	-1.29102	0.553403	1.13923	1.13923	0.679245	0.91356	-1.09462	0.00209999	0.390343	-2.56185
cg05064665	PNMT	0.0777103	0.184776	0.312605	-3.19893	0.0505862	6.30759	6.30759	0.126253	3.92585	3.92585	0.0570609	5.92935	5.92935	0.18253	0.310517	-3.22043
cg04682977	C7orf50;MIR339;C7orf50;C7orf50	0.0777112	0.988599	1.00543	1.00543	0.029713	2.63528	2.63528	0.00614089	3.87264	3.87264	0.833742	0.923487	-1.08285	0.209831	0.606234	-1.64953
cg11444428	GNG13	0.0777117	0.382493	0.826164	-1.21041	0.708591	1.08334	1.08334	0.0437202	1.6394	1.6394	0.182931	1.35165	1.35165	0.914872	1.02306	1.02306
cg13252583	ZFP82	0.0777124	0.291858	1.17462	1.17462	0.0119307	0.630212	-1.58677	0.396062	1.13644	1.13644	0.390116	0.878453	-1.13836	0.894829	1.01965	1.01965
cg25762580	THAP5;THAP5;DNAJB9;THAP5	0.0777141	0.278329	0.861219	-1.16114	0.550166	1.08342	1.08342	0.131678	0.805992	-1.24071	0.731237	1.04676	1.04676	0.942184	0.990433	-1.00966
cg19638132	STX3	0.0777147	0.666127	1.04629	1.04629	0.166209	1.16639	1.16639	0.0657914	1.24014	1.24014	0.300877	0.894263	-1.11824	0.177728	0.861294	-1.16104
cg10633363	HOXB9	0.077715	0.534638	0.81093	-1.23315	0.740199	1.11728	1.11728	0.0558445	2.05852	2.05852	0.576412	0.828544	-1.20694	0.137541	0.58685	-1.70401
cg08021653	R3HDML	0.0777162	0.0590611	0.321129	-3.11401	0.0699299	0.339632	-2.94436	0.0305108	0.258016	-3.87573	0.183759	0.471662	-2.12016	0.0416672	0.286114	-3.49512
cg21315000	PIAS2;PIAS2	0.0777162	0.0240859	0.674564	-1.48244	0.106312	0.772525	-1.29446	0.0615611	0.734794	-1.36093	0.975117	1.00457	1.00457	0.00812478	0.609033	-1.64195
cg21908038	DNASE2	0.0777166	0.325776	0.864645	-1.15654	0.117532	0.783743	-1.27593	0.377241	0.878206	-1.13869	0.892014	1.01966	1.01966	0.0348728	0.702949	-1.42258
cg17990532	ISL1	0.0777168	0.312175	0.785492	-1.27309	0.399877	0.819536	-1.2202	0.832058	0.952141	-1.05026	0.0928418	0.652441	-1.53271	0.666462	0.904711	-1.10533
cg13996962	LRRC8A;CCBL1;CCBL1;LRRC8A;CCBL1;LRRC8A	0.0777191	0.134857	1.40433	1.40433	0.0334546	0.592488	-1.6878	0.419787	0.840599	-1.18963	0.024577	0.568911	-1.75774	0.165252	0.732137	-1.36587
cg22218695	GRM8;GRM8;GRM8	0.0777194	0.483534	1.33569	1.33569	0.140021	0.524438	-1.9068	0.108534	0.490859	-2.03725	0.612372	0.812446	-1.23085	0.00345375	0.199079	-5.02313
cg14536303	NUBP1	0.0777225	?	?	?	0.706952	1.27908	1.27908	0.0351069	0.201925	-4.95233	0.538329	1.50088	1.50088	0.158025	0.373931	-2.67429
cg14034858	LRIT1	0.0777228	0.0604666	3.89679	3.89679	0.184261	2.47168	2.47168	0.373095	0.555728	-1.79944	0.715313	1.26535	1.26535	0.363159	1.82297	1.82297
cg15691099	NCRNA00174	0.0777234	0.0374158	0.740588	-1.35028	0.135866	1.22121	1.22121	0.198521	1.18407	1.18407	0.307406	0.876886	-1.1404	0.0878428	0.791163	-1.26396
cg03615565	FAM65A	0.0777243	0.240645	1.67477	1.67477	0.0121536	3.71363	3.71363	0.124177	2.01149	2.01149	0.225796	1.70567	1.70567	0.0263589	3.02096	3.02096
cg06531595	PDE5A;PDE5A;PDE5A	0.0777244	0.104517	1.48929	1.48929	0.432596	0.835466	-1.19694	0.00952976	0.478514	-2.0898	0.455165	1.18619	1.18619	0.261927	1.30028	1.30028
cg25881824	FAM127B;FAM127B	0.0777276	0.0191253	0.168871	-5.9217	0.627673	0.735975	-1.35874	0.286599	0.49953	-2.00188	0.100358	3.09283	3.09283	0.0251788	0.188254	-5.31198
cg07953150	MIR365-2	0.0777303	0.806051	0.934743	-1.06981	0.0901435	1.66924	1.66924	0.43506	1.24419	1.24419	0.656147	0.88432	-1.13081	0.0255085	0.482801	-2.07125
cg24821941	AMBN	0.0777329	0.00853025	0.200868	-4.97841	0.726856	0.845603	-1.18259	0.0319676	0.300643	-3.3262	0.696354	1.20629	1.20629	0.716313	1.19068	1.19068
cg04696720	ZSCAN4	0.0777331	0.959083	0.975458	-1.02516	0.191504	0.511849	-1.9537	0.477339	0.704744	-1.41896	0.104163	0.42298	-2.36418	0.0172648	0.245416	-4.07471
cg10527300	COL4A1	0.0777346	0.0811374	0.238359	-4.19536	0.391088	1.91874	1.91874	0.63407	1.42706	1.42706	0.354597	0.493494	-2.02637	0.054769	0.198783	-5.0306
cg07641027	ULK1	0.0777367	0.546901	0.885161	-1.12974	0.00627165	0.490375	-2.03925	0.325797	1.22509	1.22509	0.536878	1.13329	1.13329	0.708896	1.07793	1.07793
cg01330762	ETHE1	0.0777375	0.395715	0.871674	-1.14722	0.158263	0.788066	-1.26893	0.00556012	0.562626	-1.77738	0.826989	1.03517	1.03517	0.819975	0.964647	-1.03665
cg25215498	PEX5L	0.0777378	0.193774	1.80513	1.80513	0.0640863	2.44451	2.44451	0.276842	1.62555	1.62555	0.3172	0.641367	-1.55917	0.333293	0.65136	-1.53525
cg18265938	AKAP1	0.0777381	0.824788	0.949371	-1.05333	0.346415	1.25508	1.25508	0.694134	1.09703	1.09703	0.667609	0.903726	-1.10653	0.138035	0.687839	-1.45383
cg05166022	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0777399	0.261658	0.311309	-3.21225	0.719125	1.43338	1.43338	0.0400558	0.0938965	-10.65	0.52594	0.526926	-1.8978	0.234049	0.288313	-3.46845
cg05661060	PTPRF;PTPRF	0.0777453	0.980902	1.00517	1.00517	0.356707	1.22664	1.22664	0.0178202	0.537555	-1.86027	0.285889	0.78754	-1.26978	0.187933	0.740309	-1.35079
cg19235536	OAZ3;OAZ3	0.077748	0.437658	0.818893	-1.22116	0.652042	0.891764	-1.12137	0.0260444	0.51348	-1.9475	0.237961	0.732013	-1.3661	0.00560949	0.399439	-2.50351
cg15676512	WDR74	0.0777502	0.324451	0.809929	-1.23468	0.206442	0.758763	-1.31793	0.409582	1.19091	1.19091	0.162524	0.734263	-1.36191	0.00316036	0.433648	-2.30602
cg02642178	SBF1	0.0777505	0.795978	1.04725	1.04725	0.273842	0.816365	-1.22494	0.0122196	1.74417	1.74417	0.0956797	1.38556	1.38556	0.945326	0.987854	-1.0123
cg01930460	ZNF2;ZNF2	0.0777513	0.0473217	0.217667	-4.59418	0.0438093	0.210774	-4.74442	0.081456	0.273172	-3.6607	0.286363	2.10421	2.10421	0.1412	0.345333	-2.89576
cg08965143	TP53I3;TP53I3	0.077752	0.0494569	0.237651	-4.20786	0.0415442	0.221718	-4.51023	0.52394	0.661024	-1.5128	0.227873	0.444275	-2.25086	0.0141587	0.143656	-6.96105
cg04252939	MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2	0.0777527	0.0225786	0.313165	-3.1932	0.169101	0.536411	-1.86424	0.0306003	0.339578	-2.94483	0.997104	1.00154	1.00154	0.0112073	0.258955	-3.86167
cg23327859	CCNT1	0.0777538	0.0161867	0.518785	-1.92758	0.202984	0.740947	-1.34962	0.249778	0.76465	-1.30779	0.25474	1.30382	1.30382	0.0118026	0.495833	-2.01681
ch.X.652438R	MED14	0.0777542	0.264136	0.552543	-1.80981	0.0158085	0.221596	-4.51272	0.0157606	0.221377	-4.51718	0.753909	1.17384	1.17384	0.911844	1.05807	1.05807
cg06458239	ZNF549	0.0777542	0.00750831	0.184027	-5.43399	0.984558	0.990525	-1.00957	0.996634	0.997927	-1.00208	0.1301	0.447392	-2.23518	0.0585407	0.34948	-2.86139
cg20652787	USP49	0.0777544	0.221361	1.27621	1.27621	0.391002	1.18147	1.18147	0.0621628	1.48944	1.48944	0.118052	0.724695	-1.37989	0.0724347	0.683635	-1.46277
cg23044079	FOXI3	0.0777559	0.629879	1.20083	1.20083	0.86138	1.06809	1.06809	0.522536	1.27668	1.27668	0.333661	0.686713	-1.45621	0.402251	0.723903	-1.3814
cg08695452	MMP15	0.077756	0.404667	0.762871	-1.31084	0.17871	0.635391	-1.57383	0.326014	0.72476	-1.37977	0.640537	0.861322	-1.16101	0.00462899	0.302423	-3.30663
cg18384097	PTPN7;PTPN7	0.077757	?	?	?	0.0164963	0.570831	-1.75183	0.022565	0.593945	-1.68366	0.645396	0.917623	-1.08977	0.868958	1.03108	1.03108
cg23658709	ZFAND3	0.0777572	0.113292	0.467145	-2.14066	0.344037	1.538	1.538	0.0240058	3.2841	3.2841	0.706737	0.846256	-1.18168	0.0105443	0.241454	-4.14157
cg06840239	TAF6L	0.0777575	0.00474066	0.555072	-1.80157	0.939934	1.0119	1.0119	0.978875	0.995853	-1.00416	0.0650516	0.722464	-1.38415	0.795473	1.04161	1.04161
cg04443039	FLJ32065	0.0777584	0.0898395	0.752977	-1.32806	0.934491	0.987603	-1.01255	0.270332	0.840165	-1.19024	0.146384	0.789332	-1.26689	0.104288	0.763792	-1.30926
cg08098923	SNX16;SNX16;SNX16	0.0777609	0.920176	1.04421	1.04421	0.144381	0.508308	-1.96731	0.229025	0.579978	-1.7242	0.322079	1.55495	1.55495	0.00570225	0.209186	-4.78043
cg00101453	GATSL3;GATSL3	0.0777613	0.0227776	0.125993	-7.93698	0.411673	0.590368	-1.69386	0.99568	1.00332	1.00332	0.170075	0.382244	-2.61613	?	?	?
cg00148325	TTYH2;TTYH2	0.0777616	0.956671	1.00598	1.00598	0.587095	0.941559	-1.06207	0.0479856	0.780153	-1.2818	0.141175	1.18981	1.18981	0.71784	1.04066	1.04066
cg05943860	GALNS	0.0777619	0.0296391	0.411445	-2.43046	0.371796	0.727555	-1.37447	0.174499	0.605927	-1.65036	0.1997	0.625039	-1.5999	0.0758408	0.503915	-1.98446
cg01122318	NIPSNAP3B	0.0777621	0.00472301	0.28184	-3.54811	0.293638	1.44416	1.44416	0.208528	0.639342	-1.56411	0.424098	1.3171	1.3171	0.653754	1.16455	1.16455
cg18222590	PLEKHA6	0.0777634	0.0373143	0.2928	-3.4153	0.0111861	0.198753	-5.03137	0.0425318	0.305157	-3.277	0.297143	0.577344	-1.73207	0.0696691	0.356628	-2.80404
cg24232378	PIK3CG	0.0777639	0.708771	0.848529	-1.17851	0.0113505	0.249669	-4.0053	0.0147395	0.26876	-3.7208	0.529308	0.756549	-1.32179	0.122359	0.480488	-2.08122
cg19307003	CD6	0.0777644	0.0301107	7.76764	7.76764	0.00406917	22.187	22.187	0.147134	3.49187	3.49187	0.080963	4.73638	4.73638	0.274751	2.49268	2.49268
cg11246447	KLHL17;PLEKHN1;PLEKHN1	0.0777657	0.556803	1.31573	1.31573	0.0490273	0.354303	-2.82245	0.699032	1.19648	1.19648	0.0596034	2.66868	2.66868	0.917603	1.04894	1.04894
cg02256455	XRCC3;XRCC3;XRCC3;KLC1;KLC1	0.0777668	0.0289851	0.43432	-2.30245	0.214171	0.654628	-1.52758	0.227675	0.663483	-1.5072	0.398584	0.755792	-1.32311	0.00653112	0.318267	-3.14202
cg15012468	MFSD4	0.0777693	0.0660187	0.279942	-3.57217	0.306201	1.92324	1.92324	0.837452	0.880895	-1.13521	0.210953	0.443223	-2.2562	0.0330071	0.21456	-4.66071
cg14515211	SAP30;SAP30	0.0777696	0.476948	0.90325	-1.10711	0.654618	0.938607	-1.06541	0.260221	1.17968	1.17968	0.740414	1.04789	1.04789	0.57263	0.922915	-1.08352
cg22093121	ABCA9	0.0777725	0.900284	1.05567	1.05567	0.141003	1.98218	1.98218	0.0818604	2.30073	2.30073	0.250391	0.595091	-1.68042	0.0658919	0.409938	-2.43939
cg02522370	TMSL3;TMSB4X	0.0777733	0.580423	0.743801	-1.34445	0.109247	0.396211	-2.52391	0.613366	1.3101	1.3101	0.0475681	3.32434	3.32434	0.252231	0.530446	-1.8852
cg06617879	RPTOR;RPTOR	0.0777746	0.950502	1.01703	1.01703	0.029974	2.00304	2.00304	0.335176	1.31048	1.31048	0.56658	1.1707	1.1707	0.0700896	0.576405	-1.73489
cg25308885	SLC7A10	0.0777748	0.955777	1.00792	1.00792	0.120213	1.27102	1.27102	0.139	1.25429	1.25429	0.551752	0.917903	-1.08944	0.40037	0.884727	-1.13029
cg18917736	ESRRB	0.0777748	0.120087	1.36494	1.36494	0.00461197	0.498799	-2.00481	0.113993	0.728163	-1.37332	0.762834	1.05743	1.05743	0.139905	0.74599	-1.3405
cg16318405	ZNF487	0.0777767	0.0545893	0.519591	-1.92459	0.181395	0.653116	-1.53112	0.114	0.596756	-1.67573	0.965928	1.01291	1.01291	0.0128445	0.395452	-2.52875
cg09225321	OTOP2;USH1G	0.0777769	0.0114255	0.580905	-1.72145	0.0533438	0.686175	-1.45735	0.783444	1.04841	1.04841	0.167898	0.777095	-1.28684	0.0938899	0.728997	-1.37175
cg27489681	LRIT1	0.0777772	0.911873	0.979562	-1.02086	0.0394827	0.641314	-1.5593	0.0232749	0.603026	-1.6583	0.822139	1.04289	1.04289	0.565263	0.897247	-1.11452
cg25656836	GLP2R	0.0777791	0.0521258	0.602031	-1.66104	0.0203073	1.90146	1.90146	0.781029	0.937997	-1.0661	0.635101	1.11606	1.11606	0.289275	0.776731	-1.28745
cg13635928	CALCR;CALCR;CALCR	0.0777798	0.0298634	0.370309	-2.70044	0.636788	1.20309	1.20309	0.280594	0.646642	-1.54645	0.0548171	0.42887	-2.33171	0.0588456	0.436279	-2.29211
cg25456959	ASB12	0.0777812	0.0811913	0.256804	-3.89402	0.0637469	0.230953	-4.32989	0.0859417	0.263318	-3.7977	0.15341	0.341323	-2.92977	0.030598	0.167557	-5.96812
cg16172313	ZNF69	0.0777868	0.160026	0.486297	-2.05636	0.343283	1.59821	1.59821	0.304459	1.66655	1.66655	0.630365	1.26221	1.26221	0.729908	0.846666	-1.1811
cg09000830	ABCD3;ABCD3	0.077787	0.499287	1.05881	1.05881	0.0474627	1.20797	1.20797	0.108413	1.15711	1.15711	0.234873	0.90145	-1.10932	0.219412	1.11362	1.11362
cg03507277	LAMB4	0.0777905	0.0370075	0.388614	-2.57325	0.539207	0.784586	-1.27456	0.354082	0.689308	-1.45073	0.126701	0.52483	-1.90538	0.00285342	0.201458	-4.96382
cg07085476	PCF11	0.0777939	0.932679	0.990885	-1.0092	0.0065882	1.46577	1.46577	0.39651	0.91019	-1.09867	0.103536	0.824514	-1.21284	0.744178	0.965133	-1.03613
cg19200496	C11orf65	0.0777964	0.348394	0.799825	-1.25027	0.161302	1.41356	1.41356	0.0041489	2.43295	2.43295	0.908317	0.973698	-1.02701	0.388181	0.814954	-1.22706
cg22702618	CRLF1	0.0777973	0.518014	1.36372	1.36372	0.650456	0.805786	-1.24102	0.210134	1.86854	1.86854	0.0404002	0.326058	-3.06694	0.0579115	2.75886	2.75886
cg24429037	NEU4;NEU4	0.0777996	0.12845	0.346679	-2.88452	0.0859988	0.294314	-3.39773	0.099893	0.312741	-3.19754	0.103687	3.14937	3.14937	0.00755301	0.109071	-9.16832
cg01017235	LOC285830;LOC285830	0.0778002	0.0620971	0.325571	-3.07152	0.491405	1.45263	1.45263	0.75015	0.843087	-1.18612	0.297292	1.78118	1.78118	0.0432229	0.288687	-3.46395
cg22514229	BCAR3	0.0778009	0.053447	0.410318	-2.43714	0.550686	0.782569	-1.27784	0.223134	0.594629	-1.68172	0.631582	0.821859	-1.21675	0.0109261	0.273286	-3.65918
cg13679814	PYGL;PYGL	0.0778012	0.849161	1.0542	1.0542	0.902622	0.96664	-1.03451	0.173744	1.49357	1.49357	0.325739	0.754822	-1.32482	0.00195684	0.297106	-3.3658
cg09169215	FAM72B;FAM72B	0.0778025	0.424736	0.846844	-1.18085	0.30883	1.2396	1.2396	0.110166	1.42626	1.42626	0.15433	0.73276	-1.3647	0.0181115	0.556939	-1.79553
cg23721398	LIG3	0.0778028	0.142236	0.519607	-1.92453	0.0392471	0.371611	-2.69099	0.1549	0.531666	-1.88088	0.583314	1.25846	1.25846	0.570148	0.788092	-1.26889
cg13919137	LRIG1	0.0778048	0.153052	0.772924	-1.29379	0.0542182	0.692279	-1.4445	0.854734	0.969621	-1.03133	0.384708	0.860687	-1.16186	0.419559	0.870377	-1.14893
cg23627040	TDRD5	0.077806	0.555978	1.16424	1.16424	0.0958453	1.59525	1.59525	0.881835	1.03871	1.03871	0.560015	1.16239	1.16239	0.057567	0.577907	-1.73038
cg01142721	LRIT2	0.0778062	0.142579	0.362267	-2.7604	0.824841	0.866924	-1.1535	0.296526	0.497925	-2.00833	0.217349	0.433382	-2.30743	0.0222806	0.171234	-5.83997
cg26607203	KLK10;KLK10;KLK10	0.0778066	0.412549	1.11445	1.11445	0.136326	1.23072	1.23072	0.895425	1.01716	1.01716	0.975245	1.00402	1.00402	0.870605	1.02131	1.02131
cg23017728	TTC25	0.0778093	0.0602923	0.633875	-1.5776	0.174985	0.733157	-1.36396	0.0383006	0.596576	-1.67623	0.896066	0.97227	-1.02852	0.028533	0.573483	-1.74373
cg09550257	PTEN;KILLIN;KILLIN	0.0778093	0.139683	1.33595	1.33595	0.628734	0.915038	-1.09285	0.546016	1.11779	1.11779	0.109773	1.37398	1.37398	0.0122988	1.76507	1.76507
cg27548256	ACTN4	0.0778098	0.804879	0.95814	-1.04369	0.342234	1.18419	1.18419	0.0315333	0.646845	-1.54596	0.0538829	0.685156	-1.45952	0.0419139	0.666939	-1.49939
cg15990658	ASB17;ASB17	0.07781	0.85764	0.922731	-1.08374	0.0802074	0.419262	-2.38515	0.0215721	0.290561	-3.44161	0.0905471	0.43378	-2.30531	0.00899364	0.2259	-4.42673
cg01755729	ZNF34	0.0778109	0.0699703	1.76046	1.76046	0.576184	1.17074	1.17074	0.0222142	2.14934	2.14934	0.365883	1.29605	1.29605	0.479488	1.22221	1.22221
cg18586277	F2RL1	0.0778117	0.261729	0.724683	-1.37991	0.268486	1.37317	1.37317	0.821277	0.939641	-1.06424	0.173505	0.671356	-1.48952	0.0338335	0.505721	-1.97737
cg11293821	MYO9B;MYO9B;HAUS8;HAUS8	0.0778139	0.950677	0.992646	-1.00741	0.525166	1.07985	1.07985	0.718349	1.04416	1.04416	0.0368662	0.748815	-1.33544	0.0382954	1.33168	1.33168
cg15034779	P4HTM;P4HTM	0.0778141	0.10965	0.515227	-1.94089	0.963223	0.982621	-1.01769	0.636019	1.19874	1.19874	0.335699	1.45858	1.45858	0.788145	0.902659	-1.10784
cg19747852	TRA2A	0.0778151	0.0454021	0.663053	-1.50818	0.0460252	0.664058	-1.50589	0.0641328	0.689022	-1.45133	0.0681274	0.693679	-1.44159	0.464518	0.875214	-1.14258
cg24475443	BUD13;BUD13	0.0778165	0.124839	1.73938	1.73938	0.355967	0.728823	-1.37208	0.838303	0.934192	-1.07044	0.51297	1.24738	1.24738	0.0338022	0.437934	-2.28345
cg15377113	BTBD7;BTBD7;KIAA1409	0.0778171	0.456182	0.847885	-1.17941	0.565226	0.881256	-1.13474	0.445989	1.18402	1.18402	0.00531034	0.449887	-2.22278	0.623856	0.898105	-1.11346
cg21460729	KRBA1	0.0778184	0.0479258	0.665724	-1.50212	0.149568	0.757292	-1.32049	0.277614	0.816156	-1.22526	0.213015	0.789805	-1.26614	0.0303022	0.632428	-1.58121
cg04904030	PKP1;PKP1	0.0778195	0.0695886	0.462776	-2.16087	0.0307272	0.38156	-2.62082	0.0608506	0.448333	-2.23049	0.938798	0.971268	-1.02958	0.0468847	0.421598	-2.37193
cg18678316	C17orf65	0.0778197	0.0160694	0.144279	-6.93101	0.0570538	0.242968	-4.11577	0.150572	0.363325	-2.75236	0.40822	0.573577	-1.74345	0.00841112	0.109519	-9.13083
cg22770560	PTPRN2;PTPRN2;PTPRN2	0.0778223	0.341826	0.697501	-1.43369	0.0465208	0.432334	-2.31302	0.106116	0.522503	-1.91386	0.309271	0.679075	-1.47259	0.211891	0.616503	-1.62205
cg16230553	MAST4;MAST4	0.0778225	0.885418	1.04037	1.04037	0.00322104	0.331804	-3.01383	0.339222	1.31043	1.31043	0.574548	1.16844	1.16844	0.586576	1.16265	1.16265

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17540545	0.965373	0.98241	-1.0179	0.10084	0.479687	-2.08469	0.0271657	0.343381	-2.91221	0.2279	0.59607	-1.67765	2.8481	7.53789	2.35257	1
cg08693271	0.0227263	0.137355	-7.28038	0.0206371	0.131411	-7.60973	0.751771	1.25989	1.25989	0.0619081	0.216411	-4.62083	2.84808	23.9082	7.46179	1
cg18835300	0.844021	1.04864	1.04864	0.754666	1.07851	1.07851	0.266296	1.32216	1.32216	0.0463188	0.576753	-1.73385	2.84804	2.6222	0.818403	1
cg06021522	0.432547	0.779832	-1.28233	0.470015	1.25633	1.25633	0.661109	1.14678	1.14678	0.447031	0.786139	-1.27204	2.84802	4.34808	1.35707	1
cg23053573	0.9447	1.02505	1.02505	0.137843	1.76792	1.76792	0.063991	2.10088	2.10088	0.800653	1.09442	1.09442	2.84799	5.73584	1.79022	1
cg08877960	0.431212	0.719264	-1.39031	0.0837868	0.456165	-2.19219	0.00945247	0.259478	-3.85389	0.105721	0.484391	-2.06445	2.84799	7.58898	2.3686	1
cg15409133	0.0604155	3.86696	3.86696	0.364282	1.81385	1.81385	0.0239624	5.58644	5.58644	0.38631	1.76337	1.76337	2.84798	18.4006	5.74304	1
cg00745486	0.644864	1.11372	1.11372	0.650245	1.11175	1.11175	0.198534	1.3707	1.3707	0.651652	0.899902	-1.11123	2.84798	2.42917	0.758174	1
cg24440941	0.236635	4.95416	4.95416	0.488396	0.403171	-2.48034	0.0105203	63.7091	63.7091	0.0347247	23.9694	23.9694	2.84797	75.1215	23.4464	1
cg08979191	0.100917	2.67787	2.67787	0.658284	0.783454	-1.2764	0.812855	1.13886	1.13886	0.358247	1.67862	1.67862	2.84797	13.559	4.23194	1
cg10292154	0.182517	0.1428	-7.00278	0.0272877	0.0275019	-36.3611	0.0430085	0.0406167	-24.6204	0.0362595	0.0351004	-28.4897	2.84794	85.3705	26.6455	1
cg21493951	0.801335	0.826903	-1.20933	0.219888	2.64451	2.64451	0.0332613	6.52694	6.52694	0.497201	0.594749	-1.68138	2.84793	25.6336	8.0007	1
cg04219802	0.162556	0.463163	-2.15907	0.246807	0.535153	-1.86862	0.0877716	2.64543	2.64543	0.13793	0.438367	-2.28119	2.84792	12.0212	3.75202	1
cg03552242	0.142291	0.505091	-1.97984	0.00464932	0.19593	-5.10385	0.354749	1.51018	1.51018	0.508064	0.747708	-1.33742	2.84791	8.45678	2.63953	1
cg04970389	0.136387	0.442045	-2.26221	0.0404993	0.300114	-3.33206	0.358256	0.618417	-1.61703	0.125824	0.430564	-2.32253	2.84789	11.6727	3.64329	1
cg03920623	0.162939	1.28516	1.28516	0.0499604	0.6862	-1.4573	0.41185	0.868187	-1.15182	0.0774058	0.718427	-1.39193	2.84789	1.27989	0.399484	1
cg20257372	0.507162	1.10428	1.10428	0.763614	1.04546	1.04546	0.0110887	1.59916	1.59916	0.0320829	1.44792	1.44792	2.84785	0.980075	0.305907	1
cg09841884	0.144634	1.47299	1.47299	0.19217	1.40668	1.40668	0.470499	1.19898	1.19898	0.562616	1.15568	1.15568	2.84784	2.75575	0.860145	1
cg05405742	0.0632914	0.386519	-2.58719	0.0123811	0.242433	-4.12486	0.120958	0.465169	-2.14976	0.230158	0.563841	-1.77355	2.84784	9.34269	2.91611	1
cg16399922	0.434471	0.844891	-1.18358	0.958067	0.988949	-1.01117	0.653018	0.908785	-1.10037	0.119146	0.699455	-1.42968	2.84784	2.01477	0.628866	1
cg08831996	0.108231	0.564865	-1.77034	0.0326617	2.25872	2.25872	0.0257642	2.37053	2.37053	0.996993	0.998773	-1.00123	2.84782	4.79189	1.49569	1
cg20350671	0.0186419	0.150571	-6.6414	0.865134	0.89328	-1.11947	0.998342	1.00138	1.00138	0.511642	1.55568	1.55568	2.84782	19.8793	6.20491	1
cg06231863	0.200397	1.20512	1.20512	0.0505811	1.3598	1.3598	0.0345842	1.40484	1.40484	0.922307	1.01355	1.01355	2.84781	0.858305	0.267903	1
cg19102866	0.0892458	1.47482	1.47482	0.0500309	1.58935	1.58935	0.952942	1.01231	1.01231	0.112505	0.698917	-1.43078	2.84776	1.93883	0.60518	1
cg20017381	0.427425	0.760825	-1.31436	0.468694	1.28238	1.28238	0.0263712	0.41131	-2.43126	0.403277	0.749356	-1.33448	2.84776	5.13318	1.60225	1
cg00079388	0.103536	0.416991	-2.39813	0.00406109	0.150283	-6.6541	0.927806	0.956455	-1.04553	0.0722199	0.373169	-2.67975	2.84774	10.886	3.39795	1
cg16558530	0.0414913	0.201924	-4.95237	0.0311722	0.178891	-5.58999	0.208009	0.405187	-2.468	0.0341845	0.186029	-5.3755	2.84771	20.8875	6.51988	1
cg18025886	0.0448744	2.40465	2.40465	0.215394	1.64372	1.64372	0.0121226	3.29297	3.29297	0.38965	1.3993	1.3993	2.84767	6.55076	2.04479	1
cg02945385	0.169344	0.55551	-1.80015	0.0580915	0.42315	-2.36323	0.0213183	0.329215	-3.03753	0.174231	1.78668	1.78668	2.84764	7.27118	2.26969	1
cg12440187	0.195996	0.422576	-2.36644	0.0606188	0.26378	-3.79104	0.0585061	0.260141	-3.84407	0.174	0.402086	-2.48703	2.84763	17.8981	5.58688	1
cg06147366	0.187961	0.800252	-1.24961	0.218774	0.813367	-1.22946	0.157027	0.785282	-1.27343	0.855169	1.02961	1.02961	2.84763	1.15034	0.359079	1
cg05777357	0.109811	0.359038	-2.78522	0.0168659	0.180287	-5.5467	0.777277	0.846496	-1.18134	0.0448373	0.258421	-3.86965	2.84761	15.5736	4.86133	1
cg00030807	0.424055	1.34244	1.34244	0.0523545	2.21639	2.21639	0.0194864	2.76915	2.76915	0.19203	1.64563	1.64563	2.8476	5.8676	1.8316	1
cg02161655	0.0917574	0.619661	-1.61379	0.608182	1.14259	1.14259	0.154049	0.674784	-1.48196	0.340888	0.776464	-1.28789	2.84757	2.99696	0.935523	1
cg26401796	0.612161	0.657414	-1.52111	0.0823817	0.206274	-4.84793	0.0109484	0.0728295	-13.7307	0.12816	0.259429	-3.85462	2.84754	30.3535	9.47515	1
cg27510667	0.515619	0.866469	-1.15411	0.31359	0.797231	-1.25434	0.392468	1.20983	1.20983	0.262067	0.775483	-1.28952	2.84751	2.132	0.665533	1
cg05064665	0.631304	0.670506	-1.49141	0.384577	2.08967	2.08967	0.960921	0.960302	-1.04134	0.0312322	8.08197	8.08197	2.8475	30.8218	9.62148	1
cg04682977	0.18684	1.6987	1.6987	0.535773	1.26803	1.26803	0.815755	0.915405	-1.09241	0.697208	0.86237	-1.15959	2.84749	6.46732	2.01888	1
cg11444428	0.0358715	1.68296	1.68296	0.0254717	0.567717	-1.76144	0.301416	1.25645	1.25645	0.480792	1.1651	1.1651	2.84748	2.05027	0.640027	1
cg13252583	0.203101	1.21861	1.21861	0.0793598	0.750817	-1.33188	0.090439	1.31593	1.31593	0.836739	0.970092	-1.03083	2.84747	0.976605	0.304865	1
cg25762580	0.817024	0.969749	-1.03119	0.00200046	0.56093	-1.78275	0.726661	0.95455	-1.04761	0.610242	1.07051	1.07051	2.84745	0.792208	0.247304	1
cg19638132	0.436864	0.920638	-1.0862	0.035761	0.775134	-1.2901	0.135496	1.18262	1.18262	0.123971	1.18967	1.18967	2.84744	0.490137	0.153007	1
cg10633363	0.214614	0.647014	-1.54556	0.771647	0.907573	-1.10184	0.0126412	2.8099	2.8099	0.132507	1.71769	1.71769	2.84743	5.00872	1.56358	1
cg08021653	0.0855184	0.363174	-2.7535	0.0374631	0.27621	-3.62043	0.0283938	0.251913	-3.96962	0.0930867	0.373627	-2.67647	2.84742	12.8061	3.99773	1
cg21315000	0.318106	0.859841	-1.16301	0.269416	0.845094	-1.1833	0.57339	1.08682	1.08682	0.183002	0.813206	-1.2297	2.84741	0.965745	0.30148	1
cg21908038	0.134609	0.793556	-1.26015	0.013067	1.55474	1.55474	0.65835	0.938203	-1.06587	0.702164	0.946415	-1.05662	2.84741	0.926588	0.289257	1
cg17990532	0.840186	0.954442	-1.04773	0.240584	0.752966	-1.32808	0.00582433	2.30231	2.30231	0.223161	1.34393	1.34393	2.84741	2.4051	0.750812	1
cg13996962	0.698285	0.921222	-1.08551	0.0814505	0.665766	-1.50203	0.41031	0.837476	-1.19406	0.0431454	0.612565	-1.63248	2.84737	2.00105	0.624685	1
cg22218695	0.43748	1.37984	1.37984	0.607042	1.23476	1.23476	0.599498	1.24035	1.24035	0.723999	0.865781	-1.15503	2.84737	7.45175	2.32628	1
cg14536303	0.00934654	0.116677	-8.57063	0.39124	1.77271	1.77271	0.86332	0.89378	-1.11884	0.524957	1.52174	1.52174	2.88294	17.2389	5.97961	1
cg14034858	0.0231875	0.174851	-5.71914	0.0389758	4.64323	4.64323	0.489934	0.637248	-1.56925	0.483555	1.58005	1.58005	2.84732	18.6152	5.81137	1
cg15691099	0.822683	1.0283	1.0283	0.0344984	1.35879	1.35879	0.456959	0.910104	-1.09878	0.803725	0.969511	-1.03145	2.84731	0.697227	0.217664	1
cg03615565	0.40248	1.43286	1.43286	0.316	1.54526	1.54526	0.0112033	3.79674	3.79674	0.156142	1.89056	1.89056	2.84729	7.94636	2.48075	1
cg06531595	0.414794	0.829352	-1.20576	0.0716407	1.57066	1.57066	0.733242	0.926085	-1.07981	0.59427	0.886319	-1.12826	2.84729	2.27209	0.709318	1
cg25881824	0.108706	0.333744	-2.99631	0.0974351	0.31957	-3.1292	0.366474	0.558808	-1.78952	0.297447	0.507876	-1.96899	2.84724	17.7412	5.53868	1
cg07953150	0.0183023	0.455865	-2.19363	0.189996	1.46345	1.46345	0.710127	1.10785	1.10785	0.609996	0.868379	-1.15157	2.8472	3.39368	1.0595	1
cg24821941	0.78944	1.13654	1.13654	0.181881	1.96923	1.96923	0.451376	1.44333	1.44333	0.289647	1.69146	1.69146	2.84717	10.3123	3.21951	1
cg04696720	0.144843	0.468415	-2.13486	0.00656387	0.180878	-5.52859	0.0685548	0.37252	-2.68442	0.577315	0.761339	-1.31348	2.84716	10.5772	3.30223	1
cg10527300	0.95883	1.03902	1.03902	0.00509105	0.064211	-15.5736	0.207728	0.37339	-2.67816	0.32862	0.473438	-2.11221	2.84714	24.7985	7.7422	1
cg07641027	0.157541	1.35313	1.35313	0.0577841	1.53611	1.53611	0.650391	0.912745	-1.0956	0.836093	1.04233	1.04233	2.84711	1.80548	0.563683	1
cg01330762	0.740301	0.948833	-1.05393	0.0179513	0.635025	-1.57474	0.651634	0.930748	-1.0744	0.352059	1.16325	1.16325	2.8471	1.12426	0.351005	1
cg25215498	0.796962	0.895162	-1.11712	0.133899	2.00252	2.00252	0.00659686	4.55012	4.55012	0.950835	0.973861	-1.02684	2.84709	8.32039	2.5977	1
cg18265938	0.843506	0.954743	-1.0474	0.0167822	0.504656	-1.98155	0.205403	1.36758	1.36758	0.0226955	1.89484	1.89484	2.84709	2.47575	0.772954	1
cg05166022	0.753207	1.36951	1.36951	0.0267188	13.6976	13.6976	0.0563441	8.6219	8.6219	0.341615	2.65625	2.65625	2.84706	44.8172	13.9925	1
cg05661060	0.674305	0.912942	-1.09536	0.0336581	1.70686	1.70686	0.362254	0.817258	-1.2236	0.0870081	0.665468	-1.5027	2.84698	2.0939	0.65376	1
cg19235536	0.214143	0.718875	-1.39106	0.734317	0.917624	-1.08977	0.97309	0.991523	-1.00855	0.0282465	0.520105	-1.92269	2.84694	2.87158	0.896583	1
cg15676512	0.632804	1.10486	1.10486	0.405408	0.838327	-1.19285	0.0837207	0.672654	-1.48665	0.367071	0.825344	-1.21162	2.84691	1.9351	0.604195	1
cg02642178	0.378518	1.17467	1.17467	0.0622583	1.4535	1.4535	0.0592258	1.46156	1.46156	0.314521	0.830833	-1.20361	2.8469	1.4315	0.446958	1
cg01930460	0.636685	0.726366	-1.37672	0.0534601	0.22903	-4.36625	0.381243	0.546917	-1.82843	0.0208948	0.154464	-6.47401	2.84689	20.3574	6.35622	1
cg08965143	0.203289	0.422837	-2.36498	0.0615008	0.259197	-3.85808	0.0231585	0.175488	-5.6984	0.0928446	0.305677	-3.27143	2.84688	18.5241	5.78383	1
cg04252939	0.202222	0.564149	-1.77258	0.135288	0.504367	-1.98268	0.825751	1.09827	1.09827	0.175183	0.541736	-1.84592	2.84687	8.14963	2.54459	1
cg23327859	0.884052	0.967968	-1.03309	0.200218	0.739429	-1.3524	0.101882	0.670673	-1.49104	0.306016	0.789428	-1.26674	2.84685	2.24414	0.700701	1
ch.X.652438R	0.0749342	0.363911	-2.74793	0.642687	1.26886	1.26886	0.321202	1.68598	1.68598	0.758241	1.1704	1.1704	2.84685	11.7117	3.65681	1
cg06458239	0.786762	0.875127	-1.14269	0.0159297	0.234083	-4.27198	0.200108	0.513853	-1.94608	0.2806	0.575962	-1.73623	2.84684	10.911	3.4068	1
cg20652787	0.396364	0.848072	-1.17914	0.0233714	0.598085	-1.672	0.660236	1.08755	1.08755	0.979354	1.00492	1.00492	2.84684	1.62311	0.506794	1
cg23044079	0.639644	1.1945	1.1945	0.472421	0.759218	-1.31714	0.0019376	5.22237	5.22237	0.751837	1.12701	1.12701	2.84682	6.40494	1.99987	1
cg08695452	0.0212906	0.415347	-2.40763	0.0520376	0.495776	-2.01704	0.751568	0.904098	-1.10608	0.167463	0.626823	-1.59535	2.84682	4.54342	1.41864	1
cg18384097	0.807695	1.04625	1.04625	0.171935	1.31274	1.31274	0.752198	1.0605	1.0605	0.119266	0.728081	-1.37347	3.08487	1.46041	0.414236	1
cg23658709	0.885375	0.93828	-1.06578	0.722097	0.854087	-1.17084	0.822621	1.10425	1.10425	0.802507	0.895226	-1.11704	2.8468	8.79467	2.74606	1
cg06840239	0.437787	0.883194	-1.13225	0.413504	0.877048	-1.14019	0.548561	0.909133	-1.09995	0.0912653	1.33894	1.33894	2.8468	1.11038	0.346707	1
cg04443039	0.0398489	0.697306	-1.43409	0.794779	1.04035	1.04035	0.112935	1.29927	1.29927	0.0766673	1.34822	1.34822	2.84678	1.0381	0.32414	1
cg08098923	0.571986	0.78157	-1.27948	0.0205396	0.299909	-3.33435	0.600992	0.796346	-1.25574	0.495455	0.741778	-1.34811	2.84674	8.3969	2.62191	1
cg00101453	?	?	?	0.0314095	0.154127	-6.48815	0.0284294	0.144971	-6.89793	?	?	?	4.70782	16.2311	2.29847	1
cg00148325	0.414891	1.09585	1.09585	0.0838018	1.23385	1.23385	0.0655663	0.796951	-1.25478	0.0446531	0.776334	-1.28811	2.84673	0.543783	0.169795	1
cg05943860	0.0595658	0.478291	-2.09078	0.00489681	0.274339	-3.64513	0.821629	0.924664	-1.08147	0.30236	0.690319	-1.44861	2.84673	5.42433	1.69374	1
cg01122318	0.142408	1.70235	1.70235	0.680152	0.86948	-1.15011	0.751321	1.11323	1.11323	0.270744	0.679177	-1.47237	2.84673	5.1321	1.6025	1
cg18222590	0.0926739	0.390501	-2.56081	0.0657116	0.350087	-2.85644	0.0653648	0.349501	-2.86122	0.457968	0.681064	-1.46829	2.84671	11.6445	3.63601	1
cg24232378	0.172559	0.529656	-1.88802	0.0640684	0.40212	-2.48682	0.470363	0.725067	-1.37918	0.418964	1.43552	1.43552	2.8467	8.64033	2.69796	1
cg19307003	0.343638	2.19044	2.19044	0.970173	0.970395	-1.03051	0.400358	1.99754	1.99754	0.119736	3.88385	3.88385	2.84669	29.126	9.09468	1
cg11246447	0.413602	0.679831	-1.47095	0.00844844	0.211681	-4.72408	0.549423	0.756037	-1.32269	0.96335	1.02144	1.02144	2.84667	9.61141	3.00122	1
cg02256455	0.256767	0.681498	-1.46736	0.389628	1.33057	1.33057	0.337707	0.726013	-1.37739	0.0549229	0.494016	-2.02423	2.84666	4.73175	1.47752	1
cg15012468	0.416924	0.5992	-1.66889	0.0214642	0.181668	-5.50454	0.023406	0.187886	-5.32238	0.29224	0.509362	-1.96324	2.84662	17.1821	5.36532	1
cg14515211	0.0592487	0.74107	-1.3494	0.0233628	0.683015	-1.4641	0.0513904	1.36629	1.36629	0.147257	1.24462	1.24462	2.84661	0.892621	0.278732	1
cg22093121	0.0455264	0.371197	-2.69399	0.0895381	0.445332	-2.24552	0.146523	0.509935	-1.96104	0.873432	1.07132	1.07132	2.84657	8.4193	2.62907	1
cg02522370	0.615695	0.764677	-1.30774	0.724864	1.20603	1.20603	0.0425215	0.289908	-3.44937	0.0215426	0.231451	-4.32057	2.84656	12.6698	3.95636	1
cg06617879	0.0866055	0.597524	-1.67357	0.0441049	0.532981	-1.87624	0.867434	1.0465	1.0465	0.28201	0.73774	-1.35549	2.84654	3.33694	1.04203	1
cg25308885	0.840807	0.971792	-1.02903	0.0169754	0.660862	-1.51317	0.0657679	1.34146	1.34146	0.126158	1.26545	1.26545	2.84654	0.912589	0.284975	1
cg18917736	0.833893	0.961996	-1.03951	0.888882	0.974537	-1.02613	0.231225	0.793188	-1.26074	0.827721	0.960586	-1.04103	2.84654	1.53463	0.47922	1
cg16318405	0.609468	0.856677	-1.1673	0.957307	1.0162	1.0162	0.0785286	0.556144	-1.7981	0.0155623	0.410343	-2.43699	2.84651	4.06428	1.26917	1
cg09225321	0.828535	0.963466	-1.03792	0.0296673	0.64453	-1.55152	0.659098	1.07916	1.07916	0.109775	0.741453	-1.3487	2.8465	1.3274	0.414512	1
cg27489681	0.464202	1.14907	1.14907	0.0236516	1.65518	1.65518	0.477587	0.873995	-1.14417	0.456673	0.868151	-1.15187	2.8465	1.56836	0.489757	1
cg25656836	0.0748671	1.57728	1.57728	0.188384	1.37732	1.37732	0.133249	1.45068	1.45068	0.831907	0.95235	-1.05003	2.84647	2.37852	0.742758	1
cg13635928	0.453634	1.34545	1.34545	0.346887	0.68625	-1.4572	0.0807309	2.12308	2.12308	0.189375	0.582508	-1.71671	2.84646	6.81181	2.12718	1
cg25456959	0.179194	0.366646	-2.72742	0.0515493	0.210483	-4.75098	0.0215378	0.143528	-6.96729	0.0294942	0.164876	-6.06516	2.84644	22.2916	6.96123	1
cg16172313	0.00465555	0.164073	-6.09483	0.498506	0.718928	-1.39096	0.695239	1.20814	1.20814	0.151346	2.09252	2.09252	2.84636	10.3977	3.24708	1
cg09000830	0.285988	0.9118	-1.09673	0.030817	0.809514	-1.23531	0.247412	0.904139	-1.10602	0.416764	0.933182	-1.0716	2.84635	0.313013	0.0977509	1
cg03507277	0.294516	0.65424	-1.52849	0.160225	0.55683	-1.79588	0.2189	0.603743	-1.65633	0.119507	0.517238	-1.93335	2.8463	6.86512	2.14395	1
cg07085476	0.806692	0.973779	-1.02693	0.0495177	0.784357	-1.27493	0.769055	0.968594	-1.03242	0.480997	0.925302	-1.08073	2.84625	0.529511	0.165367	1
cg19200496	0.155598	0.703602	-1.42126	0.849842	0.957097	-1.04483	0.333013	1.25991	1.25991	0.890032	1.03252	1.03252	2.84621	2.413	0.753595	1
cg22702618	0.537715	1.34364	1.34364	0.0205523	0.266931	-3.74629	0.832188	1.10566	1.10566	0.330295	0.621552	-1.60888	2.8462	10.1008	3.15456	1
cg24429037	0.923297	0.939803	-1.06405	0.724168	0.795787	-1.25662	0.974798	0.97984	-1.02057	0.912445	1.07348	1.07348	2.84616	18.7349	5.85111	1
cg01017235	0.393389	1.59534	1.59534	0.0148881	0.201878	-4.9535	0.345217	0.594885	-1.681	0.12883	0.416078	-2.40339	2.84615	12.8661	4.01826	1
cg22514229	0.809835	0.90674	-1.10285	0.0189551	0.315429	-3.17028	0.0262314	0.342751	-2.91757	0.438928	0.725724	-1.37793	2.84614	7.43349	2.32158	1
cg13679814	0.751874	1.0919	1.0919	0.718901	0.904665	-1.10538	0.93316	0.977016	-1.02352	0.710908	0.901949	-1.10871	2.84614	3.46361	1.08173	1
cg09169215	0.0709171	0.662674	-1.50904	0.122318	0.710722	-1.40702	0.851937	1.03884	1.03884	0.386852	1.19828	1.19828	2.84612	1.87453	0.585447	1
cg23721398	0.100754	0.474278	-2.10847	0.0352803	0.36153	-2.76602	0.059286	2.41957	2.41957	0.395327	0.696806	-1.43512	2.84612	7.76235	2.42431	1
cg13919137	0.0488849	1.46022	1.46022	0.0213421	1.59308	1.59308	0.714065	0.939934	-1.0639	0.576892	0.909482	-1.09953	2.84609	1.27725	0.398909	1
cg23627040	0.118678	0.648898	-1.54107	0.499275	0.839355	-1.19139	0.0125116	2.21058	2.21058	0.755543	0.923353	-1.08301	2.84607	2.93873	0.91783	1
cg01142721	0.175138	0.39496	-2.5319	0.00492714	0.0907581	-11.0183	0.0882182	0.297614	-3.36006	0.115799	0.33245	-3.00797	2.84607	18.7082	5.84297	1
cg26607203	0.585387	0.931227	-1.07385	0.738668	1.04426	1.04426	0.0034213	1.67268	1.67268	0.0281356	1.39846	1.39846	2.84606	0.754095	0.235521	1
cg23017728	0.148124	0.716184	-1.39629	0.742026	0.931391	-1.07366	0.684618	1.09184	1.09184	0.0122797	0.511156	-1.95635	2.84602	2.0869	0.651797	1
cg09550257	0.0260239	1.61838	1.61838	0.23343	0.796383	-1.25568	0.262338	1.23737	1.23737	0.176618	1.29923	1.29923	2.84602	1.49699	0.46755	1
cg27548256	0.0405093	0.664504	-1.50488	0.958387	0.991026	-1.00906	0.553794	1.10901	1.10901	0.354901	1.17871	1.17871	2.84601	1.3453	0.420176	1
cg15990658	0.0820564	0.421948	-2.36996	0.639078	0.809322	-1.2356	0.85836	1.08329	1.08329	0.14878	0.499803	-2.00079	2.84601	9.04134	2.82387	1
cg01755729	0.916618	1.02966	1.02966	0.0177733	2.23562	2.23562	0.255326	0.717848	-1.39305	0.0421573	1.9222	1.9222	2.84599	3.51217	1.09696	1
cg18586277	0.651059	1.13347	1.13347	0.13386	0.640922	-1.56025	0.0281848	2.04037	2.04037	0.172556	0.67069	-1.491	2.84598	3.41246	1.06582	1
cg11293821	0.102791	1.23735	1.23735	0.088887	0.799401	-1.25094	0.786461	0.96812	-1.03293	0.12537	0.820441	-1.21886	2.84595	0.641665	0.200414	1
cg15034779	0.918604	1.03963	1.03963	0.740256	0.881175	-1.13485	0.00214673	0.194172	-5.15008	0.89966	1.04913	1.04913	2.84595	6.5165	2.03533	1
cg19747852	0.449302	1.14802	1.14802	0.0685649	1.44056	1.44056	0.495591	0.88348	-1.13189	0.533771	0.893295	-1.11945	2.84593	1.44492	0.451301	1
cg24475443	0.929744	1.02981	1.02981	0.0365707	2.24647	2.24647	0.355306	1.37271	1.37271	0.0588041	0.491122	-2.03615	2.84591	5.00276	1.56256	1
cg15377113	0.204302	0.747315	-1.33812	0.322246	0.800649	-1.24899	0.54784	1.14138	1.14138	0.0192951	0.540455	-1.85029	2.8459	2.13089	0.665563	1
cg21460729	0.543982	0.89538	-1.11684	0.0268142	1.60311	1.60311	0.359979	0.844225	-1.18452	0.809082	0.957382	-1.04451	2.84588	1.45915	0.455755	1
cg04904030	0.232965	0.621998	-1.60772	0.00807554	0.275821	-3.62554	0.344782	0.691123	-1.44692	0.292316	0.66048	-1.51405	2.84587	6.49639	2.02911	1
cg18678316	0.348664	0.530462	-1.88515	0.0680053	0.261047	-3.83073	0.502423	0.639365	-1.56405	0.105505	0.312832	-3.1966	2.84586	19.4619	6.07882	1
cg22770560	0.0628843	0.463157	-2.1591	0.155248	1.74963	1.74963	0.0639612	2.15072	2.15072	0.676233	1.16705	1.16705	2.84582	6.09755	1.90456	1
cg16230553	0.657373	0.884694	-1.13033	0.0844323	1.68853	1.68853	0.816085	0.938059	-1.06603	0.928723	0.975744	-1.02486	2.84582	3.39497	1.06041	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05627186	RNF19;RNF39	0.0778231	0.083218	2.07889	1.09985	0.00610429	3.99298	3.99298	0.111431	1.95556	1.95556	0.0631442	2.44445	2.44445	0.0803473	2.0639	2.0639	0.700748	0.86125	-1.1611	0.195122	1.69905	1.69905	0.0839522	2.09533	2.09533	0.195181	1.69892	2.84581	6.7438	2.10643	1
cg04755523	BAT1;BAT1	0.0778249	0.0295229	2.28479	-3.5113	0.661165	0.805609	-1.2413	0.327909	0.609629	-1.64034	0.428288	1.48636	1.48636	0.0134105	0.315137	-3.17322	0.476349	0.701235	-1.42606	0.00768513	0.186603	-5.35898	0.103954	0.418405	-2.39003	0.439869	0.679721	-1.47119	2.84578	10.8255	3.38138	1
cg17745097	MTHFR	0.0778257	0.59575	1.27275	1.27275	0.0145546	3.87908	3.87908	0.0125826	4.04607	4.04607	0.89753	1.05975	1.05975	0.253944	1.71021	1.71021	0.395724	1.4796	1.4796	0.133438	2.07333	2.07333	0.0277933	3.22644	3.22644	0.743694	0.862616	-1.15927	2.84577	9.14461	2.85636	1
cg23127183	C11orf31	0.0778258	0.813495	0.965493	-1.03574	0.388319	0.877044	-1.14019	0.854078	1.02773	1.02773	0.0491295	0.726254	-1.39615	0.0849352	0.75346	-1.32721	0.139195	1.26963	1.26963	0.0086774	0.608244	-1.64386	0.903534	0.982146	-1.01818	0.490113	1.10978	1.10978	2.84577	0.995062	0.310812	1
cg16872357	PTPRN2;PTPRN2;PTPRN2	0.0778286	0.0314456	3.84079	-2.59754	0.262798	0.618762	-1.61613	0.546436	1.25971	1.25971	0.96462	0.984221	-1.01603	0.00382052	0.228703	-4.37249	0.637104	1.19693	1.19693	0.698865	1.15841	1.15841	0.641845	0.837618	-1.19386	0.989443	1.00502	1.00502	2.84573	6.44941	2.01453	1
cg15821319	PPP1R16B	0.0778297	0.755321	0.912727	-1.09562	0.348878	1.32572	1.32572	0.745014	0.909001	1.10011	0.362186	1.31499	1.31499	0.603656	0.858021	-1.16531	0.0378871	2.0215	2.0215	0.0103141	2.58128	2.58128	0.0302484	2.10612	2.10612	0.123181	1.63471	2.84571	3.8525	1.20337	1
cg07190450	MRPL22;MRPL22	0.0778314	0.621874	1.06304	1.06304	0.159172	0.831088	-1.20324	0.960979	0.994002	-1.00603	0.692197	1.05014	1.05014	0.246793	0.861636	-1.16058	0.721412	1.04501	1.04501	0.015823	0.695237	-1.43836	0.0368035	1.3475	1.3475	0.0848405	0.791093	-1.26407	2.84569	0.681488	0.212872	1
cg00260985	UFD1;UFD1L;UFD1L	0.0778325	0.279609	0.703272	-1.42173	0.129619	0.900466	-1.11054	0.138832	1.65006	1.65006	0.857796	1.05793	1.05793	0.0149529	0.990413	-1.01439	0.236142	0.676913	-1.4773	0.0194471	0.497371	0.449551	-2.22353	0.0159271	0.443261	-2.42683	0.508551	1.2348	1.2348	2.84567	4.453	1.39096	1
cg22257941	HLA-G	0.0778327	0.0564709	2.42243	-1.42241	0.186182	2.54684	2.54684	0.198215	1.24767	1.24767	0.740978	0.801504	1.24765	0.490471	0.626755	-1.59552	0.248964	0.447635	-2.23396	0.735417	0.79753	-1.25387	0.0705091	1.85077	1.85077	0.0112537	0.31422	2.84562	20.0517	6.26347	1
cg08903631	CD300LG;CD300LG;CD300LG;CD300LG	0.0778333	0.0181391	0.195924	-5.10401	0.0587236	0.297297	-3.36364	0.0265129	0.224435	-4.45563	0.308825	1.81916	1.81916	0.570995	0.722318	-1.38443	0.262843	0.515197	-1.94101	0.0925057	0.349303	-2.86284	?	?	?	0.444314	0.642088	-1.55742	2.88123	13.0915	4.54373	1
cg16435316	BRD7	0.0778352	0.124173	0.467422	-2.1394	0.33114	0.632519	-1.58098	0.0317222	0.31657	-3.15886	0.770863	0.875111	-1.14271	0.0453138	0.350324	-2.8545	0.214027	0.550116	-1.8178	0.00767555	0.209061	-4.78329	0.0391302	0.10355	2.10552	0.0604938	0.380252	-2.62884	2.84563	9.40439	2.93765	1
cg13751267	TTC30B	0.0778371	0.683208	0.854284	-1.16982	0.327358	1.56228	1.56228	0.435102	0.793553	-1.4214	0.94236	0.968234	-1.03245	0.00980294	0.237121	-4.21726	0.326447	0.68712	-1.45562	0.166053	0.560363	-1.78455	0.885614	0.938416	-1.06563	0.0440025	0.39255	-2.77354	2.8456	8.79782	2.74508	1
cg15411840	CCDC162	0.0778388	0.0212104	0.217315	-4.60161	0.0841261	0.348902	-2.86613	0.0254599	0.231507	-4.31952	0.0671744	0.322907	-3.09767	0.0842613	0.340095	-2.86455	0.0180145	0.205291	-4.87113	0.222272	0.493241	-2.02741	0.162945	0.440161	-2.2719	0.583492	0.737053	-1.35675	2.84558	13.6824	4.27406	1
cg05336149	DIP2C	0.0778389	0.216868	1.22555	1.22555	0.12074	1.30136	1.30136	0.0526146	1.15713	1.15713	0.813805	1.07662	1.07662	0.211445	1.12883	1.12883	0.0798422	1.35561	1.35561	0.0025722	1.95233	1.95233	0.798693	1.04081	1.04081	0.850406	0.970878	-1.03	2.84557	1.10424	0.344938	1
cg18432864	SIK3	0.0778391	0.828664	1.0271	1.03271	0.242059	1.19915	1.19915	0.1547	1.25363	1.25363	0.634878	0.931422	-1.07363	0.0472775	0.718364	-1.40086	0.0272803	0.674507	-1.48239	0.0174097	0.801122	-1.24868	0.182612	1.23377	1.23377	0.0422529	1.19718	2.84557	0.993948	0.310486	1
cg08401872	DIRC3	0.0778396	0.633783	0.684051	-1.46188	0.00235967	0.0348717	-28.6766	0.0418654	0.156366	-6.39525	0.879349	1.1277	1.1277	0.643851	0.691886	-1.44533	0.440696	0.536826	-1.8628	0.658499	0.703337	-1.42179	0.638338	0.687592	-1.45435	0.47452	1.77786	1.77786	2.84556	28.21	8.81216	1
cg17585343	HS2ST1;HS2ST1	0.0778401	0.323875	1.89022	1.89022	0.421579	0.916672	-1.0916	0.772447	1.19663	1.19663	0.493772	1.54384	1.54384	0.0247402	0.0721201	-13.8658	0.822321	0.80888	-1.2359	0.0128546	0.346164	-2.88398	0.073184	1.02123	1.02123	0.467854	0.630272	-1.58662	2.84548	17.5982	5.49744	1
cg00462362	EPS8L1;EPS8L1	0.0778419	0.0319964	4.0291	-8.27062	0.515673	0.602695	-1.65921	0.112818	0.234267	-4.26864	0.778139	1.26808	1.26808	0.154502	0.788475	-1.26804	0.0620715	0.170952	-5.8496	0.00522802	0.0454151	-22.1508	0.378508	0.467795	-2.13769	0.193762	0.134688	3.17775	2.84547	31.8628	9.95352	1
cg06399839	HNRNPA1;HNRPA1L-2;HNRNPA1;CBX5	0.0778459	0.952715	0.96783	-1.03324	0.00820978	6.45409	6.45409	0.0150454	5.19536	5.19536	0.602969	0.748745	-1.33557	0.755585	1.18789	1.18789	0.417693	0.633388	-1.57881	0.779637	1.16727	1.16727	0.419454	1.57597	1.57597	0.104135	2.66369	2.66369	2.84547	13.7024	4.28045	1
cg07426472	KATNAL2;TCEB3B	0.0778459	0.4686641	1.24005	1.24005	0.0894716	0.375072	-2.66616	0.887183	0.959424	-1.04229	0.350942	1.32331	1.32331	0.0421842	0.182452	1.83458	1.83458	0.199592	1.48505	1.48505	0.931424	1.03526	1.03526	0.128944	0.619543	-1.61409	2.84547	3.83725	1.19871	1
cg26202427	ANKS1A;ANKS	0.0778463	0.172645	1.20783	1.51521	0.0108627	0.166394	1.72106	0.0624295	0.577408	1.73166	0.0624295	0.578443	1.72917	0.0624295	0.578443	1.72917	0.0594055	1.54747	1.54747	0.0178256	0.645634	1.54911	0.0178256	0.645634	1.54911	0.0178256	0.645634	1.54911	2.84533	0.0159	0.14658	1
cg13202952	NPM2	0.0778488	0.863537	1.08275	1.08275	0.0161176	0.256468	-3.89912	0.150579	0.490629	-2.0382	0.13317	0.450784	-2.21836	0.93451	0.96273	-1.03871	0.904714	0.946157	-1.05691	0.00604647	0.190674	-5.24454	0.933166	0.961978	-1.03952	0.214121	0.546349	-1.83033	2.84543	0.62555	0.30695	1
cg00266604	TRIM26	0.0778497	0.175328	0.754887	-1.3247	0.0521846	0.6639	-1.50625	0.873253	0.10164	0.03164	0.717854	0.10736	0.0314753	0.0724104	0.579529	-1.72536	0.186647	0.761004	-1.31405	0.0724104	0.676295	-1.47864	0.694055	0.927109	-1.07862	0.0147742	0.556949	-1.7955	2.84541	1.71534	0.53586	1
cg18324639	TCTEX1D2	0.0778513	0.00201627	8.83445	8.11405	0.0518969	0.6236	-1.6034	0.363705	0.640924	-1.56024	0.551147	1.0299	1.0299	0.795983	0.830205	-1.20503	0.765194	1.15496	1.15496	0.707052	1.31455	1.31455	0.264097	0.758235	1.22498	1.22498	0.205511	1.68479	2.84539	0.993948	0.310486	1
cg17493795	PRDM16;PRDM16 TPS1;WRAP53;TPS1;WRAP53;WRAP53;	0.0778534	0.00744404	0.127108	-7.86732	0.0563183	0.274334	-3.64519	0.351679	0.56348	-1.77468	0.604878	1.36667	1.36667	0.839122	1.12937	1.12937	0.381437	0.58435	-1.7113	0.951435	1.03712	1.03712	0.0348073	0.229389	-4.35941	0.0774177	0.308875	-3.23756	2.84536	16.1409	5.04241	1
cg15206130	TPS1;TPS3;WRAP53	0.0778546	0.0780699	0.8156609	-1.22608	0.298533	0.893881	-1.11872	0.150561	0.851793	-1.17399	0.132669	1.19716	1.19716	0.0252576	0.758073	1.31913	0.684808	0.958404	-1.0434	0.0274671	0.76223	-1.31194	0.411572	1.09134	1.09134	0.754463	0.967864	-1.0332	2.84534	0.488427	0.152585	1
cg09262552	C1orf151;C1orf151	0.0778552	0.977981	1.01242	1.01242	0.0416807	2.85792	2.85792	0.0130418	3.96464	3.96464	0.533291	1.32602	1.32602	0.319776	1.58374	1.58374	0.0299519	3.13333	3.13333	?	?	0.287153	1.63929	1.63929	0.0438449	2.81802	2.81802	2.8809	8.11154	2.81563	1
cg16084857	FLJ30058	0.0778557	0.0185307	0.0885307	-11.2963	0.243127	1.56923	1.56923	0.0999161	1.40018	1.40018	0.0776381	1.56835	1.56835	0.0679272	1.47964	1.47964	0.0567915	0.182643	-5.47413	0.0179716	0.179064	-5.58703	0.0784506	0.270496	-3.69711	0.0779716	4.5033	0.703094	1.34534	2.84531	2.97107	0.90142	1
cg23967850	SPIN2B;SPIN2B;SPIN2B;SPIN2B	0.0778573	0.901121	0.89146	-1.12175	0.886721	0.876557	-1.14083	0.845274	0.83477	-1.19743	0.443424	0.27866	0.276781	0.265226	0.77037	-1.29799	0.0220127	0.789045	-1.26733	0.239355	0.312336	0.059166	7.16571	7.16571	0.0820278	5.93603	0.593603	2.8453	38.5018	12.0282	1
cg05477463	KIAA0895L	0.0778583	0.0734211	0.4795	-2.08571	0.0998227	0.166394	1.72106	0.0624295	0.577408	1.73166	0.0624295	0.578443	1.72917	0.0624295	0.578443	1.72917	0.0343173	1.54747	1.54747	0.0178256	0.645634	1.54911	0.0178256	0.645634	1.54911	0.0178256	0.645634	1.54911	2.84531	0.0159	0.14658	1
cg26503935	RBKS	0.0778578	0.148112	0.352135	-2.83982	0.133953	0.337104	-2.96645	0.020259	0.152105	-6.5744	0.0563132	0.233643	-4.28004	0.0255947	0.167927	5.95498	0.104045	0.302499	-3.30579	0.0187666	0.147232	-6.792	0.573678	0.682178	-1.46589	0.122403	0.324255	-3.08399	2.84529	20.3953	6.37163	1
cg01577131	SYTL;SYTL	0.0778597	0.697851	1.1621	1.1621	0.216068	1.65092	1.65092	0.521977	0.778867	-1.28392	0.025989	0.361456	-2.76659	0.0248357	0.357579	-2.79659	0.684374	0.854178	-1.17044	0.0389752	0.39841	-2.50998	0.929603	0.966588	-1.03457	0.261182	1.5694	1.56994	2.84527	6.68247	2.08766	1
cg09405280	TGFBR2;TGFBR2	0.0778611	0.3096887	1.47113	1.47113	0.0158627	0.679597	-1.47121	0.813205	0.894568	-1.07001	0.179176	1.52466	1.52466	0.0208253	0.655702	-1.52497	0.770404	1.18023	1.18023	0.108204	1.03252	1.03252	0.838802	1.03852	1.03852	0.653012	-1.57477	2.84524	1.39302	1.22994	0.43259	1
cg03206445	GRIN1;GRIN1;GRIN1	0.0778653	0.118426	0.55164	-1.81278	0.231314	0.553363	1.55363	0.597102	0.829285	-1.20586	0.391912	0.735054	-1.36044	0.0636828	0.481142	-2.07839	0.0471464	0.450615	-2.21919	0.0105387	0.323274	-3.09335	0.0797919	0.505483	-1.9783	0.741469	0.890315	-1.1232	2.84518	5.54919	1.73367	1
cg08108224	PRIM2	0.0778663	0.0944116	0.60444	-1.65444	0.627855	0.821018	-1.218	0.56655	0.792604	-1.26163	0.73632	1.15245	1.15245	0.564284	0.88306	-1.13248	0.319104	1.5479	1.5479	0.242161	0.67277	-1.48637	0.0879767	0.233598	1.53339	0.127887	0.544605	-1.83597	2.84517	2.64983	0.93127	1
cg03841837	CDK17;CDK17;CDK17;CDK17	0.0778668	0.262838	1.27215	1.27215	0.103701	1.45483	1.45483	0.162346	1.36014	1.36014	0.74681	1.1333	1.1333	0.820529	1.10471	1.10471	0.012444	1.89897	1.89897	0.781321	0.944235	-1.05906	0.451324	1.08023	1.08023	0.0252	2.38803	2.84516	0.93592	1.12994	0.39704	1
cg11798406	NCRNA00114	0.0778679	0.210945	0.459189	-2.17775	0.277512	0.513323	-1.94809	0.09095	0.33303	-3.00274	0.0395839	0.245261	-4.07729	0.0370105	0.293282	-4.17917	0.79488	0.857406	-1.16631	0.0252557	0.207842	-4.81134	0.272703	1.96228	1.96228	0.05686	0.280098	-3.57018	2.84514	15.7113	4.90857	1
cg16072557	LARP6;LARP6	0.0778681	0.394177	0.76021	-1.31546	0.0944116	0.27533	-3.63166	0.0294542	0.175571	-5.69597	0.0320137	0.1525	0.1525	0.0194252	0.207397	-4.82167	0.319304	1.5479	1.5479	0.242161	0.67277	-1.48637	0.0879767	0.233598	1.53339	0.127887	0.544605	-1.83597	2.84497	2.64983	0.93127	1
cg04829746	LPXN;ZFP91-CNTF;ZFP91	0.0778712	?	?	?	0.112286	3.96934	3.96934	0.0632457	3.12284	3.12284	0.216368	0.522543	-1.91372	0.112932	0.422826	-2.36504	0.015587	0.413926	-2.41589	0.206813	0.514664	-1.94301	0.879016	0.926821	-1.07896	0.209801	1.93368	1.93368	2.88065	10.0944	3.50419	1
cg04780724	C5orf55	0.0778725	0.0611585	0.40422	-2.47422	0.0814239	0.454439	2.20078	0.0482428	0.354258	2.82248	0.0474258	0.374547	2.67022	0.0474258	0.374547	2.67022	0.0932803	0.455365	-2.19577	0.0314477	0.29541	3.3545	0.0187703	0.196541	5.08667	0.0187703	0.196541	5.08667	2.84496	0.0159	0.14658	1
cg19037007	C20orf54	0.0778722	0.0405395	8.42492	8.42492	0.0893317	5.40825	5.40825	0.363499	2.31973	2.31973	0.305292	2.60247	2.60247	0.0366371	0.81641	0.81641	0.189047	1.19552	1.19552	0.0499442	0.770981	1.19552	1.19552	0.0499442	0.770981	1.19552	1.19552	0.0499442	0.770981	1.19552	1.19552	0.0499442	0.770981	2.84493	0.0159	0.14658	1
cg02744116	GDF9	0.0778731	0.0952311	1.02444	1.02444	0.627855	0.821018	-1.218	0.56655	0.792604	-1.26163	0.73632	1.15245	1.15245	0.564284	0.88306	-1.13248	0.319104	1.5479	1.5479	0.242161	0.67277	-1.48637	0.0879767	0.233598	1.53339	0.127887	0.544605	-1.83597	2.84493	2.64983	0.93127	1
cg03841837	CDK17;CDK17;CDK17;CDK17	0.0778668	0.262838	1.27215	1.27215	0.103701	1.45483	1.45483	0.162346	1.36014	1.36014	0.74681	1.1333	1.1333	0.820529	1.10471	1.10471	0.012444	1.89897	1.89897	0.781321	0.944235	-1.05906	0.451324	1.08023	1.08023	0.0252	2.38803	2.84516	0.93592	1.12994	0.39704	1
cg11798406	NCRNA00114	0.0778679	0.210945	0.459189	-2.17775	0.277512	0.513323	-1.94809	0.09095	0.33303	-3.00274	0.0395839	0.245261	-4.07729	0.0370105	0.293282	-4.17917	0.79488	0.857406	-1.16631	0.0252557	0.207842	-4.81134	0.272703	1.96228	1.96228	0.05686	0.280098	-3.57018	2.84514	15.7113	4.90857	1
cg16072557	LARP6;LARP6	0.0778681	0.394177	0.76021	-1.31546	0.0944116	0.27533	-3.63166	0.0294542	0.175571	-5.69597	0.0320137	0.1525	0.1525	0.0194252	0.207397	-4.82167	0.319304	1.5479	1.5479	0.242161	0.67277	-1.48637	0.0879767	0.233598	1.53339	0.127887	0.544605	-1.83597	2.84497	2.64983	0.93127	1
cg04829746	LPXN;ZFP91-CNTF;ZFP91	0.0778712	?	?	?	0.112286	3.96934	3.96934	0.0632457	3.12284	3.12284	0.216368	0.522543	-1.91372	0.112932	0.422826	-2.36504	0.015587	0.413926	-2.41589	0.206813	0.514664	-1.94301	0.879016	0.926821	-1.07896	0.209801	1.93368	1.93368	2.88065	10.0944	3.50419	1
cg04780724	C5orf55	0.0778725	0.0611585	0.40422	-2.47422	0.0814239	0.454439	2.20078	0.0482428	0.354258	2.82248	0.0474258	0.374547	2.67022	0.0474258	0.374547	2.67022	0.0932803	0.455365	-2.19577	0.0314477	0.29541	3.3545	0.0187703	0.196541	5.08667	0.0187703	0.196541	5.08667	2.84496	0.0159	0.14658	1
cg19037007	C20orf54	0.0778722	0.0405395	8.42492	8.42492	0.0893317	5.40825	5.40825	0.363499	2.31973	2.31973	0.305292	2.60247	2.60247	0.0366371	0.81641	0.81641	0.189047	1.19552	1.19552	0.0499442	0.770981	1.19552	1.19552	0.0499442	0.770981	1.19552	1.19552	0.0499442	0.770981	1.19552	1.19552	0.0499442	0.770981	2.84493	0.0159	0.14658	1
cg02744116	GDF9	0.0778731	0.0952311	1.02444	1.02444	0.627855	0.821018	-1.218	0.56655	0.792604	-1.26163	0.73632	1.15245	1.15245	0.564284	0.88306	-1.13248	0.319104	1.5479	1.5479	0.242161	0.67277	-1.48637	0.0879767	0.233598	1.53339	0.127887	0.544605	-1.83597	2.84493	2.64983	0.93127	1
cg18377193	ITIH5;ITIH5	0.0778743	0.952311	1.02444	1.02444	0.627855	0.821018	-1.218	0.56655	0.792604	-1.26163	0.73632	1.15245	1.15245	0.564284	0.88306	-1.13248	0.319104	1.5479	1.5479	0.242161	0.67277	-1.48637	0.0879767	0.233598	1.53339	0.127887	0.544605	-1.83597	2.84493	2.64983	0.93127	1
cg18754440	ENPEP	0.0778882	0.124347	0.2829733	-3.53	0.0289602	0.141789	-7.05275	0.0918398	0.244621	-4.08795	0.331402	0.479534	-2.08542	0.0244629	0.197233	-5.07259	0.175693	0.335416	-2.98138	0.0148811	0.192043	0.170734	-5.85706	0.0567261	0.194721	-5.13556	0.284484	25.9326	8.10283	1
cg26515162	SLC9A1	0.0778896	0.311959	1.65845	1.65845	0.43093	3.06434	3.06434	0.0040857	6.44751	6.44751	0.710402	0.834947	-1.19768	0.903847	1.06019	1.06019	0.561835	0.753007	-1.32801	0.297527	1.68593	1.68593	0.564352	1.32554	1.32554	0.317853	0.606926	-1.64765	2.84482	10.5388	3.29294	1
cg04146043	KCNF1	0.0778922	0.7256204	1.04803	1.04803	0.2329	0.838316	1.53886	0.0423099	0.649542	1.53886	0.0423099	0.649542	1.53886	0.0423099	0.649542	1.53886	0.502521	1.65779	1.65779	0.0402402	0.0811324	-12.3255	0.620784	0.664003	-1.44837	0.370053	1.95487	1.95487	2.84478	24.8588	8.76747	1
cg25136687	REV3L	0.0778926	0.0998277	0.741551	-1.34852	0.0141963	0.65141	1.65141	0.0329126	1.51236	1.51236	0.631884	1.08332	1.08332	0.926789	1.01535	1.01535	0.927426	1.01522	1.01522	0.40068	0.874988	-1.14287	0.30168	1.19413	1.19413	0.0981091	1.35098	1.35098	2.84477	1.23856	0.387005	1
cg02244477	NEIL3	0.0778936	0.106045	0.626848	-1.59528	0.0252696	2.02147	2.02147	0.769453	0.925187	-1.08086	0.0943391	1.62675	1.62675	0.0697149	1.71032	1.71032	0.857267	0.953484	-1.04879	0.501568	0.834882	-1.19777	0.167029	0.677219	-1.47663	0.194192	1.43823	1.43823	2.84476	3.15396	0.985506	1
cg21545785	LOC100133957;LOC100133957;UXT;UX	0.0778942	?	?	?	0.887259	0.876658	-1.1407	0.788028	0.778619	-1.28433	0.724484	1.3893	1.3893	0.584872	0.598342	-1.67129	0.00315885	0.0145901	-68.5385	0.486333	0.516845	-1.93482	0.378304	2.33127	2.33127	0.548822	1.7598	1.7598	3.37556	38.9315	8.65514	1
cg06804921	SLC6A5	0.0778959	0.805857	1.08163	1.0822	0.159815	0.534683	-1.87087	0.0133756	0.35796	-2.79568	0.0946408	0.72069	0.72069	0.0577827	0.793844	-1.25923	0.267321	0.78912	-1.26711	0.0660363	0.563565	-1.77495	0.0997072	0.473533	0.473533	0.377717	2.13447	2.13447	2.84472	31.6176	9.87955	1
cg24427660	PNPLA2	0.0778966	0.601478	0.88126	-1.13474	0.0529065	1.69506	1.69506	0.940501	0.982253	-1.01807	0.447524	1.19059	1.19059	0.0336864	0.551557	-1.81305	0.0289705	1.85443	1.85443	0.708937	1.09412	1.09412	0.870729	0.961687	-1.03984	0.107389	0.656047	-1.52428	2.84471	2.59237	0.81004	1
cg08378872	PAIP1;PAIP1L;PAIP1L	0.0778972	0.108734	0.75775	-1.32007	0.0496424	0.642283	-1.55688	0.0238138	0.290204	-3.44607	0.0660739	0.518152	-1.92992	0.0208804	0.243505	-4.10637	0.104426	0.6078	-1.64526	0.0327899	0.265118	-3.7719	0.0422855	0.407275	-2.45516	0.0109626	0.28447	-3.51625	2.01086	2.8447	6.56716	2.03205	1
cg24742746	ZIC2	0.0778979	0.0983724	2.35865	-4.23972	0.639459	0.686613	-1.45642	0.833576	0.845634	-1.18254	0.24834	0.382263	-2.616	0.0109291	0.0716828	-13.9504	0.466679	0.554187	-1.80444	0.0159561	0.0952375	-10.5001	0.0510942	0.170271	-5.87298	0.0794437	0.211949	-4.71813	2.84469	28.6097	8.93974	1
cg22064182	ARHGAP18	0.0778986	0.228904	0.59845	-1.67098	0.660603	1.19681	1.19681	0.00776728	0.248224	-4.02863	0.189914	0.568636	-1.75859	0.0137704	0.289929	-3.44913	0.245503	0.610242	-1.63869	0.171453	0.55322	-1.8076	0.52707	0.770611	-1.29767	0.0844702	0.460249	-2.17274	2.84468	7.44855	2.32748	1
cg11378310	SOCS2	0.0778989	0.6535464	1.07885	1.07885	0.0991	0.677691	-1.4761	0.0268557	0.316077	1.56077	0.0466564	1.1951	1.1951	0.0481386	0.836126	-1.19574	0.0207156	1.624573	1.624573	0.0109	0.869074	1.14161	1.14161

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Proobset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs.111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs.112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs.121T 121 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs.121T 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(1 vs.347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1 vs.353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs.537T 537 vs. N)	p-value(563T vs. N)	Fold-Change(5 vs.563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg19646200	GAUN7B	0.0779903	0.595357	0.772743	-1.29409	0.0816176	2.53012	2.53012	0.394446	1.52123	1.52123	0.279478	1.58229	-1.17736	0.520158	0.73085	-1.36827	0.883457	0.930744	-1.07441	0.0040388	0.156098	-5.40624	0.7479941	1.16625	1.16625	0.300262	0.596592	-1.67619	2.84631	10.4175	2.25675	1
cg13338851	ZNF749	0.0779909	0.346929	0.830543	-1.20403	0.2994221	0.611572	-1.63513	0.0422401	1.56526	1.56526	0.589677	1.11002	1.11002	0.761066	0.943208	-1.06021	0.672954	1.08479	1.08479	0.151374	0.744741	-1.34275	0.336815	0.827086	-1.20906	0.0539854	1.52098	1.52098	2.8433	1.65502	0.517403	1
cg11719457	EXOC6B	0.0779933	0.961317	0.982486	-1.01783	0.0282109	0.389073	-2.57021	0.211081	0.618773	-1.6161	0.797743	1.09807	1.09807	0.773704	0.9003	-1.11074	0.35396	1.41607	1.41607	0.00787388	3.46268	3.46268	0.648431	1.18203	1.18203	0.528618	1.26183	1.26183	2.84327	5.9764	1.8684	1
cg06378491	MAP4K2	0.0779945	0.983775	0.987287	-1.01288	0.2203871	5.80512	5.80512	0.0935228	3.19173	3.19173	0.789289	0.844911	-1.18356	0.117703	0.343348	-2.91249	0.519142	1.50862	1.50862	0.0488375	0.242812	-4.11842	0.920878	1.06451	1.06451	0.186019	0.41387	-2.41621	2.84325	17.8267	5.5732	1
cg21541912	SCGB2A2	0.0779965	0.0140346	0.289155	-3.45836	0.138569	0.520826	-1.92003	0.319533	0.656489	-1.52325	0.0768111	0.447034	-2.23697	0.224887	0.593616	-1.68459	0.0803958	0.45228	-2.21102	0.0141525	0.28979	-3.45078	0.0369447	0.371086	-2.69479	0.2001442	0.574824	-1.73966	2.84322	7.53716	2.35638	1
cg13600114	ZNF233	0.0779974	0.376841	1.50834	1.50834	0.0120775	0.231342	-1.92261	0.0930231	0.427518	-2.33909	0.114358	0.23946	-2.99346	0.0939629	0.430004	-2.32515	0.929077	0.958424	-1.04338	0.09824	0.435799	-2.29464	0.822181	1.10699	1.10699	0.462765	0.712947	-1.40263	0.04631	9.62557	2.45758	1
cg07160630	STYX;STYX	0.0779987	0.988758	1.00352	1.00352	0.988894	0.996849	-1.00316	0.0191582	2.02634	2.02634	0.669356	1.11297	1.11297	0.559099	0.863133	-1.15857	0.577272	1.15061	1.15061	0.0175899	2.05386	2.05386	0.616386	0.88175	-1.13411	0.0186115	2.03562	2.03562	2.84318	2.79525	0.873904	1
cg17804987	MAP4K4;PK3	0.0780012	0.061717	0.511306	-1.95578	0.1950101	1.40165	1.40165	0.133845	1.65711	1.65711	0.251114	0.670739	-1.49089	7	7	7	0.881446	0.95366	-1.04855	0.00991936	0.356894	-2.81703	0.417121	0.768239	-1.30168	0.788353	0.918009	-1.08991	2.87865	4.09664	1.42311	1
cg13198136	FBLN7;FBLN7	0.0780034	0.150245	0.769421	-1.29968	0.3314494	1.53528	1.53528	0.558509	1.6043	1.6043	0.504329	-1.10579	0.925156	0.10661	-1.10661	0.658631	-1.45707	0.922929	1.01658	1.01658	0.0134878	1.52536	1.52536	0.848057	0.967924	-1.03314	0.252557	0.816173	-1.22523	2.84311	1.3008	0.406689	1
cg14739661	FOXI1	0.0780042	0.991455	0.99826	-1.00174	0.468042	1.12731	1.12731	0.610228	1.08721	1.08721	0.315195	0.844588	-1.18401	0.906695	0.981111	-1.01925	0.0888273	1.35697	1.35697	0.00329186	1.91794	1.91794	0.0795289	1.37234	1.37234	0.848892	1.03151	1.03151	2.8431	1.19102	0.37237	1
cg05534676	ZNF688;ZNF688;ZNF688;ZNF688	0.0780042	0.984967	1.00204	1.00204	0.862216	2.536	2.536	0.0939099	1.53748	1.53748	0.778997	1.00352	1.00352	0.39468	1.09775	1.09775	1.00705	1.00705	1.00705	0.0158762	1.11742	1.11742	0.894752	1.01499	1.01499	0.363781	1.10598	1.10598	2.8431	0.524553	0.164	1
cg07663278	SMAGP;SMAGP	0.0780048	0.28196	1.654	1.654	0.0346774	0.02892	0.0854014	2.35323	2.35323	0.589238	1.27804	1.27804	0.800197	0.892139	1.1209	0.0443556	2.82735	2.82735	0.0132658	3.97961	3.97961	0.0285248	3.19963	3.19963	0.37235	1.51011	1.51011	2.84309	9.11986	2.85131	1
cg14212850	HRNBP1; PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;	0.078006	0.0896639	0.236841	-4.22224	0.0705648	4.73845	4.73845	0.443334	1.82517	1.82517	0.809766	1.20401	1.20401	0.176646	0.330974	-3.02138	0.59353	0.660521	-1.51396	0.00967091	0.0804241	-12.4541	0.616527	1.47504	1.47504	0.276367	0.41827	-2.3908	2.84308	6.26485	8.3431	1
cg23080538	PLEKHG5	0.0780062	0.8680605	1.02103	1.02103	0.0118155	1.4823	1.4823	0.66905	1.05531	1.05531	0.676501	1.05394	1.05394	0.196296	0.841972	-1.18769	0.34346	0.84983	-1.12997	0.109012	0.0603811	0.767528	-1.30288	0.319187	1.13756	1.13756	2.84307	0.70582	0.220675	1
cg06529894	SNCB;640	0.0780064	0.919189	1.07894	1.07894	0.170855	1.16549	1.16549	0.206457	1.06493	-1.19622	0.0380327	1.57887	1.57887	0.731096	0.907701	-1.10227	0.672046	1.46419	1.46419	0.00433707	2.06255	2.06255	0.528035	1.12908	1.12908	0.626995	1.24374	1.24374	2.84307	1.6218	0.507684	1
cg26269749	CUTA;CUTA;CUTA;CUTA;CUTA	0.0780065	0.872216	0.981274	-1.01908	0.939782	0.991167	-1.00891	0.83139	0.975275	-1.02536	0.0445129	1.31122	1.31122	0.0192334	1.39458	1.39458	0.724353	1.04246	1.04246	0.135103	1.20825	1.20825	0.113987	1.22376	1.22376	0.0117323	1.44735	1.44735	2.84307	0.6210016	0.194161	1
cg16134262	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF; DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.0780069	0.289404	0.587394	-1.70244	0.0938689	2.43837	2.43837	0.14114	0.464992	-2.15058	0.143219	0.467121	-2.14077	0.0062584	0.178405	-5.60522	0.187125	0.508395	-1.96697	0.17458	0.497234	-2.01113	0.368055	0.639325	-1.56415	0.728398	0.844786	-1.18373	2.84306	10.5409	3.29563	1
cg06402821	AKTIP;AKTIP;AKTIP;AKTIP	0.078007	0.284398	1.28648	1.28648	0.0348156	0.589707	-1.69576	0.0376973	0.579587	-1.72537	0.498587	0.858862	-1.16469	0.0559455	1.61314	1.61314	0.954006	0.987019	-1.01315	0.196828	1.36221	1.36221	0.629029	0.885765	-1.11636	0.515786	0.706205	1.41602	2.84306	0.2035	0.0724428	1
cg27439980	IGF1R	0.078007	0.317548	0.528463	-1.89228	0.390609	0.580986	-1.72121	0.684216	1.28714	1.28714	0.241322	0.46901	-2.13215	0.0451769	0.242055	-4.13128	0.109729	0.340843	-2.9339	0.0125535	0.0619754	0.166454	-6.00767	0.0802825	0.301874	3.31264	2.84306	17.1583	5.36459	1
cg18437144	CASZ1;CASZ1	0.0780085	0.570834	0.756218	-1.32322	0.00303863	0.190805	5.24005	0.187252	0.585178	1.70792	0.790486	1.11474	1.11474	0.176505	0.556468	-1.79708	0.212968	0.58565	-1.7075	0.174967	0.554972	-1.80189	0.0776611	0.449355	-2.22541	0.0599099	1.24158	1.24158	2.84304	1.07033	2.32851	1
cg10536786	CAMTA1	0.0780087	0.379764	0.663076	-1.50812	0.914472	1.05021	1.05021	0.0856113	0.420453	-2.37838	0.0951873	0.433421	-2.30723	0.0043499	0.17597	-5.68278	0.583963	0.777111	-1.28682	0.0319207	0.317774	-3.14689	0.238594	0.560582	-1.75567	0.155822	0.500358	-1.99857	0.83403	9.36281	2.92733	1
cg24690314	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0780089	0.0955448	0.340116	-2.94018	0.3867	1.68675	1.68675	0.285232	0.519971	-1.92319	0.125649	0.376631	-2.65512	0.0442495	0.256254	-3.90237	0.631523	1.32936	1.32936	0.014545	0.160749	-5.89104	0.252053	0.20379	0.20379	0.233267	0.478849	-2.08834	2.84303	15.6312	4.88718	1
cg10905180	ORS1E2	0.0780096	0.0557448	0.0773476	-12.9286	0.280095	0.308491	-3.24159	0.620241	0.592624	-1.68741	0.127823	0.178271	-5.60942	0.023044	0.0580191	-17.2357	0.126322	0.176866	-5.65401	0.0120098	0.0375607	-26.6236	0.0750948	0.125423	-7.97301	0.0725303	0.122607	-8.15617	2.84302	49.4003	15.4453	1
cg03113303	OBSCN;OBSCN	0.0780107	0.926328	1.02996	1.02996	0.0170165	1.03846	1.03846	0.736574	1.15076	1.15076	0.552859	1.08038	1.08038	0.214386	1.17704	1.17704	0.784032	1.16955	1.16955	0.00384573	1.59467	1.59467	0.691404	1.10258	1.10258	0.15124	1.26403	1.26403	2.84301	2.60742	0.843372	1
cg18310515	GNLY;GNLY;GNLY;GNLY	0.078123	0.109043	0.685505	-1.45665	0.193405	0.743627	-1.34476	0.0425214	0.403719	-2.47697	0.402184	0.583489	-1.71434	0.183439	0.182064	-5.49207	0.115468	0.691898	-1.4453	0.559505	1.13544	1.13544	0.889172	0.970435	-1.03047	0.0241148	1.769322	1.29985	2.84298	2.08591	0.652183	1
cg22112460	C1orf91;EIF3I	0.0780128	0.883469	1.02031	1.02031	0.0256564	1.43828	1.43828	0.0441976	1.37296	1.37296	0.433509	1.11582	1.11582	0.487935	1.10144	1.10144	0.130838	0.799559	-1.25069	0.0414175	0.724334	-1.38058	0.820589	0.03164	1.03164	0.45015	1.11128	1.11128	2.84297	0.8465556	0.264686	1
cg21733560	NUDT1;NUDT1	0.0780131	0.0349462	0.32424	-3.08414	0.1938381	0.275578	-3.62874	0.103852	0.442631	-2.25922	0.553663	0.759741	-1.31624	0.0221326	0.284438	-3.51571	0.249713	0.576212	-1.73547	0.0324731	0.315717	-3.14944	0.133371	0.476168	-2.1001	0.0910098	0.426072	-2.34702	2.84297	9.45609	2.95656	1
cg13675849	TRPV5	0.0780183	0.0251389	0.414554	-2.41301	0.0756264	0.217541	-4.59261	0.0474851	0.385289	-2.59608	0.0652524	0.231966	-4.31189	0.0208407	0.0755198	-13.2399	0.0533564	0.0709657	-14.0955	0.0155468	0.0209707	0.127429	-4.59921	0.0125386	0.240277	-4.16099	0.0426096	0.27097	2.84298	0.7289	0.232888	1
cg01928143	ZDHHC7;ZDHHC7 TYW1B;SIDSP;SIDSP;TYW1B;SIDSP;SIDSP	0.0780135	0.390687	1.14108	1.14108	0.134085	0.784714	-1.27435	0.0384922	0.697846	-1.43298	0.00574163	0.580833	-1.72167	0.633972	0.930552	-1.07463	0.242332	0.832259	-1.20155	0.0876397	0.753592	-1.32698	0.779246	0.958711	-1.04307	0.828139	1.03316	1.03316	2.84296	1.01381	0.316981	1
cg21423973	DSP;TYW1B;TYW1B	0.078014	0.519802	0.938979	-1.06499	0.230854	1.12895	1.12895	0.677623	0.960462	-1.04117	0.134392	1.16855	1.16855	0.892885	1.01309	1.01309	0.830104	1.02095	1.02095	0.0920058	0.673772	-1.48418	0.938486	1.00748	1.00748	0.946868	1.0385	1.0385	2.84295	0.419275	0.131092	1
cg10267817	CA13	0.0780147	0.1650303	1.37802	1.37802	0.0239706	1.79153	1.79153	0.745122	0.931819	-1.07317	0.211375	0.751975	-1.32983	0.195058	1.34543	1.34543	0.890819	1.03018	1.03018	0.0265124	0.565873	-1.76718	0.634034	0.901381	-1.10941	0.232855	1.31105	1.31105	2.84294	2.11029	0.659813	1
cg04648247	MMP#2;SNCG	0.0780148	0.1363101	1.41992	1.41992	0.0153125	1.24325	1.24325	0.334301	1.26093	1.26093	0.0665139	1.06539	1.06539	0.465834	0.972324	-1.02843	0.0298477	1.82327	1.82327	0.0181654	1.69575	1.69575	0.147447	1.21239	1.21239	0.333609	0.832251	1.20156	2.84294	1.3239	0.477247	1
cg21427956	C20orf160	0.078016	0.246979	0.768993	-1.30057	0.0077822	0.476119	-2.10032	0.0608033	0.640106	-1.56224	0.237727	0.764522	-1.30801	0.0160662	0.727875	-1.37386	0.214685	0.753092	-1.32786	0.292073	0.788744	-1.26784	0.0415114	0.520288	-1.92201	0.697273	1.08857	1.08857	2.84292	2.12201	0.663483	1
cg07266533	EHMT2;EHMT2	0.0780165	0.0775271	0.774835	-1.2906	0.550646	0.924499	-1.08167	0.0784537	1.28935	1.28935	0.538337	1.08437	1.08437	0.196392	0.893227	-1.11954	0.880813	1.0197	1.0197	0.0993364	1.53522	1.53522	0.324739	0.876151	-1.14136	0.460393	0.906907	-1.10265	2.84292	0.761103	0.237973	1
cg09664593	SLC12A4;SLC12A4;SLC12A4	0.078017	0.172251	1.46104	1.46104	0.0325152	1.28363	1.28363	0.0611254	1.15679	1.15679	0.504468	1.09064	1.09064	0.0209612	1.24166	1.24166	0.961082	0.993635	-1.00642	0.702042	1.43222	1.43222	0.0855183	1.13509	1.13509	0.543426	1.022666	1.08382	2.84291	0.7086353	0.240196	1
cg17160439	NAALADL1	0.0780175	0.0620868	0.25985	0.102376	0.5179	2.58104	2.58104	0.0613046	1.59067	1.59067	0.292285	1.75848	1.75848	0.0382309	3.45819	3.45819	0.0506666	3.1594	3.1594	0.0109377	5.20645	5.20645	0.0315611	3.67816	3.67816	0.17614	2.10218	2.10218	2.84289	12.016	3.75704	1
cg14981313	RIMKLA	0.0780197	0.186541	1.27256	1.27256	0.0775369	0.626736	-1.5961	-1.5961	0.742878	-1.3461	-1.74268	0.0923557	-1.0831	0.0160168	0.646116	-1.54764	0.420684	0.894749	-1.12033	0.410066	0.467309	-2.14031	0.0410861	0.318821	0.730107	-1.36949	0.240887	0.734753	2.84289	1.96144	0.690253	1
cg21801984	DDX53	0.0780208	0.11766	2.20607	2.20607	0.0274743	0.29694	-3.36769	0.315878	0.617026	-1.62068	0.354005	0.64146	-1.55894	0.0158789	0.252746	-3.95654	0.281692	1.6836	1.6836	0.477795	1.39941	1.39941	0.904196	0.945477	-1.05767	0.362982	0.647049	-1.54548	2.84285	1.96743	3.05216	1
cg19736949	NXN	0.0780217	0.0536334	0.738923	-1.35352	0.2904107	1.04899	1.04899	0.0596321	0.870592	-1.14864	0.135854	0.798339	-1.2526	0.151398	0.808779	-1.23643	0.424878	1.01801	1.01801	0.914607	1.07373	1.07373	0.0317106	0.647358	-1.54469	0.424284	0.858309	0.926838	2.84285	0.858109	0.268318	1
cg22812205	TRHDE	0.078022	0.482809	0.866922	-1.15352	0.0126971	0.537882	-1.85915	0.00538023	0.480113	-2.08284	0.959665	1.08106	1.08106	0.571373	0.89179	-1.12134	0.151542	0.735171	-1.36007	0.0794621	0.497397	-2.01057	0.0967967	0.710361	1.01061	1.84284	1.80486	0.564337	1
cg22821220	MIR563	0.0780222	0.803527	0.931614	-1.07341	0.533257	1.19641	1.19641	0.0406996	0.510959	-1.9571	0.253021	0.712298	-1.40391	0.0134513	0.419121	-2.38595	0.572437	0.850365	-1.17597	0.0667621	0.557611	-1.79334	0.114508	0.62872	1.62872	0.3376	0.755083	-1.32436	2.84283	3.63591	1.13686	1
cg00186065	ZNF615	0.0780234	0.0092345	0.464333	-2.15403	0.0756092	0.0836	-11.9655	0.0154121	0.225535	-4.43359	0.0163198	0.0842	-11.8839	0.0042397	0.0724203	-13.8107	0.0144414	0.0344331	-29.0442	0.0041511	0.0107274	0.0607789	-16.4589	0.0047211	0.0275355	-36.3176	0.0111651	0.0375535	-26.6287	2.84275	71.5842	25.1727	1
cg17513693	PPT2;PPT2;PPT2	0.0780248	0.550185	0.907038	-1.10242	0.0633901	0.40034	1.40034	0.191353	1.24997	1.24997	0.478595	1.12321	1.12321	0.672247	1.07105	1.07105	0.0323643	0.66757	-1.49797	0.504704	1.11537	1.11537	0.302962	1.1878	1.1878	0.0166973	1.62002	1.62002	2.84279	1.17129	0.366241	1
cg00110609	TPAP4	0.0780249	0.11627	2.57597	2.57597	0.0094727	0.252703	-3.9563	0.0182854	0.389326	-2.56926	0.598725	0.962453	1.04007	0.966204	1.02379	1.02379	0.522742	1.43246	1.43246	0.0256176	1.95432	1.95432	0.0638278	0.858362	1.02885	0.365892	1.67436	1.67436	2.84279	1.51884	0.43371	1
cg18105344	DMRTC1B;DMRTC1 BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.0780255	0.759229	1.11303	1.11303	0.0618102	0.48061	-2.08069	0.0812647	0.510045	-1.96061	0.12179	1.7937	1.7937	0.028367	0.40598	-2.46318	0.0704287	2.02261	2.02261	0.647644	0.85189	-1.17386	0.952294	1.02106	1.02106	0.618303	1.839472	1.19123	2.84278	5.46356	1.70836	1
cg13382322	4	0.0780255	0.368527	0.648334	-1.5532	0.531205	0.739056	-1.35308	0.470252	1.14726	1.14726	0.293388	0.594746	-1.68139	0.0262573	0.284586	-3.51388	0.491351	1.39545	1.39545	0.0488557	0.168906	-5.92046	0.466687	0.702499	-1.42349	0.657554	1.237	1.237	2.84278	10.2326	3.19955	1
cg07774884	STC1	0.0780264	0.166752	0.680114	-1.47034	0.0775995	1.67018	1.67018	0.0781021	1.66841	1.66841	0.691213	1.11004	1.11004	7	7	7	0.332929	0.770148	-1.29845	0.0381442	0.533438	-1.87463	0.212799	0.709553	-1.40934	0.237831	0.723727	-1.38174	2.87827	2.7707	0.962629	1
cg12887755	GABRD	0.0780277	0.0291913	0.230668	-4.34455	0.162647	0.426457	-2.3449	0.377461	0.49584	-1.6783	0.253711	0.50594	-1.97675	0.0226335	0.210015	-4.76157	0.110972	0.376522	-2.65889	0.0262278	0.221425	-4.5162	0.0298311	0.204581	-4.88761	0.115161	0.375535	-2.66287	2.84275	14.7192	4.60248	1
cg20507228	MAN2A2	0.0780326	0.864186	1.0662	1.0662	0.63176	0.83462	-1.19815	0.0738379	0.474255	-2.10857	0.570297	1.23957	1.23957	0.0069649	0.270636	3.695	0.220579	0.61959	1.61959	0.480044	1.30837	1.30837	0.511729	1.28295	1.28295	0.0965507	0.505062	-1.97996	2.84268	1.30486	0.464337	1
cg12210824	147A9	0.0780327	0.382368	0.572819	-1.74575	0.644135	0.749388	-1.33442	0.2621	0.482315	-2.07333	0.0422725	0.227167	-4.40205	0.00533049	0.092655	-10.7927	0.694755	0.783073	-1.27702	0.259	0.74798	-2.0842	0.818599	0.867302	-1.153	0.0168148	0.154736	-6.46262	3.0457	18.1265	4.62895	1
cg24049348	PDGFRL	0.0780348	0.0981058	0.435208	-2.29805	0.0581248	0.129383	-7.80709	0.0278703	0.348353	-2.87083	0.122981	0.170747	-5.85599	0.0134385	0.122981	-8.13195	0.057065	0.15048	-6.64393	0.0109471	0.0394774	0.122986	-8.12964	0.0614104	0.16318	-6.12966	0.0242064	0.0641	2.84268	4.78568	1.6837	1
cg15848159	WDFY3;WDFY3	0.0780367	0.0941861	1.78099	1.78099	0.373863	0.751023	-1.33152	0.312901	0.720788	-1.38737	0.389893	1.31832	1.31832	0.222399	1.49512	1.49512	0.0134264	2.61224	2.61224	0.0476335	2.035	2.035	0.915877	1.0037	1.0037	0.235301	0.676956	-1.4772	2.84262	1.42932	1.38505	1
cg26227935	PQLC1;PQLC1;PQLC1	0.0780382	0.545497	0.852852	-1.17254	0.147934	1.49755	1.49755	0.343152	0.775724	-1.28912	0.324162	1.3033	1.3033	0.0030808	0.347666	-2.87633	0.487287	0.832263	-1.20154	0.284052	0.784615	-1.3358	0.517451	0.843049	-1.18617	0.663503	0.802356	-1.12063	2.84259	3.04711	0.952641	1
cg24012034	ETNK1;ETNK1	0.0780389	0.4245309	0.7225	-1.38402	0.0911	1.02543	1.02543	0.732202	0.874338	-1.14403	0.0884435	0.727133	1.37503	0.0084435	0.727133	-1.37546	0.229468	0.735413	1.35981	0.0276726	0.586158	-1.70547	0.0852676	0.672539	-1.48707	0.0268955	0.824758	1.21264	2.84258	1.76451	0.553177	1
cg04130057	TAGLN2	0.0780426	0.20986	0.777739	-1.28578	0.00280776	0.456991	-2.18823	0.144536	0.742223	-1.3473	0.184535	0.765135	-1.30696	0.0826193	0.693752	-1.44144	0.799914	0.952841	-1.04949	0.211779	0.778647	-1.28428	0.0641155	0.673235	-1.48537	0.228639	0.786376	-1.27166	2.84253	1.62873	0.50932	1
cg17339794	KDM4B	0.0780439	0.0525645	0.685102	-1.45753	0.785171	1.04771	1.04771	0.0223282	0.595157	0.0955145	0.095752	-1.44729	0.0165591	0.609351	0.613031	-1.6306	0.755932	0.9421	-1.05462	0.561278	0.70812	-1.41202	0.0106662	0.933802	-1.0686	0.0235701	0.630542	-1.58594	2.84251	3.39667	0.905749	1
cg16000832	RCBTB2	0.0780459	0.931091	1.00989	1.00989	0.0477801	1.2939	1.2939	0.00944973	1.45369	1.45369	0.149977	1.19208	1.19208	0.0230847	1.36249	1.36249	0.874347	0.982726	-1.01758	0.814279	1.02715	1.02715	0.349322	1.11593	1.11593	0.0632492	1.26849	1.26849	2.84248	0.5834477	0.182463	1
cg16229364	DHX30;DHX30	0.0780471	0.0497803	0.164549	-6.07722	0.146687	0.481769	-2.07568	0.315959	0.61638	-1.62238	0.509992	1.36422	1.36422	0.265512	1.71855	1.71855	0.3553	0.642205	-1.55713	0.0515154	0.349534	-2.86095	0.402634	0.671269	-1.48972	0.893997	0.940046	-1.06378	1.04546	0.15134	2.59308	1
cg20959125	MPP5;I2	0.0780481	0.377301	1.16118	1.16118	0.203974	0.801579	-1.24754	0.601592	0.774674	-1.09078	0.679781	1.07086	1.07086	0.250232	1.18094	1.18094	0.92727	1.01517	1.01517	0.0806938	1.80194	1.80194	0.0583267	0.702652	-1.42318	0.609235	1.06686	1.06686	2.84244	1.22488	0.383044	1
cg01960526	EPAS1	0.0780527	0.924913	0.976169	-1.02441	0.416592	0.808621	-1.23667	0.753579	0.916865	-1.09067	0.88831	1.03661	1.03661	0.633593	1.13074	1.13074	0.117783	0.647521	-1.54435	0.00163515	0.31529	-3.17168	0.673775	0.897329	-1.11442	0.352958	0.783059	-1.27704	2.84238	2.94703	0.923616	1
cg17214902	ADAM8;ADAM8;ADAM8	0.0780549	0.15126	1.48914	1.48914	0.0275599	1.248133	1.248133	0.0401	1.184858	0.473138	0.155	1.41613	1.41613	0.0497705	1.56056	1.56056	0.167798	0.455491	2.19543	0.0193655	1.1842	1.1842	-8.44449	0.0875005	0.685868	-1.45801	0.211689	0.494734	-2.02129	2.84236	12.1979	4.02671	1
cg17632233	C11orf48;C11orf83	0.0780564	0.106781	0.581845	-1.71867	0.388947	0.762204	-1.31198	0.762206

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
2505529701	CSMD3;CSMD3	0.0781525	0.302039	0.756404	0.32204	0.928892	0.977381	-1.02314	0.107452	1.57898	0.13908	0.996424	0.998836	-1.00017	0.765204	0.925084	-1.08059	0.00649912	0.198657	-2.50842	0.424955	1.23595	1.23595	0.2938222	1.53725	1.13725	0.115591	1.56007	2.84089	3.04139	0.951623	1
2503883911	IGSF21	0.0781536	0.0761972	0.329137	-3.03825	0.261363	0.516976	-1.93433	0.449666	1.54328	1.54328	0.317668	0.558894	-1.78925	0.002104	0.031321	0.237795	4.2053					0.695143	0.801046	-1.24837	0.00758025	0.143973	-6.94574	0.378782	1.66298	0.6629	0.459596	0.677489	-1.47604	2.84087	14.2747	4.46646	1
2507467649	BAZ1B	0.078157	0.323178	0.836518	-1.19543	0.724389	0.939949	-1.06389	0.0652852	1.43618	1.43618	0.115408	1.34906	1.34906	0.178068	0.778542	-1.28445	0.0158536	0.596367	-1.67682	0.521915	1.12024	1.12024	0.4268443	1.15249	1.15249	0.234474	0.804117	-1.2436	2.840882	1.37681	0.430803	1
2507373150	PPP1R12A;PPP1R12A;PPP1R12A	0.0781629	0.577764	0.843047	-1.18618	0.0293156	0.45862	-2.18104	0.0687305	0.538687	-1.85636	0.968453	0.10208	0.010208	0.00302074	0.367178	-2.72341	0.477447	1.24524	1.24524	0.292016	1.39372	1.39372	0.6619772	1.14292	1.14292	0.734264	0.901711	-1.109	2.840473	0.414834	1.28805	1
2503026764	COL9A1;COL9A1	0.0781632	0.447524	0.683291	-1.46351	0.403229	1.52319	1.52319	0.160099	0.477907	-2.09246	0.521586	1.37265	1.37265	0.85765	0.476539	-2.09846	0.237337	0.54389	-1.83861	0.526547	0.729296	-1.37119	0.332446	0.61148	-1.63538	0.00644776	5.71307	2.840703	10.8885	3.4071	1
2509904383	FCHSD1	0.078168	0.182827	0.174601	-5.72733	0.809937	1.34646	1.34646	0.37588	0.325631	-3.07096	0.0708761	0.0827773	-12.0806	0.183055	0.174779	-5.72151	0.288767	0.256763	-3.89465	0.168224	0.163169	-6.12863	0.489468	0.402281	-2.37936	0.0101605	54.7268	2.840666	68.5771	21.4589	1
2504197548	DNAJC9	0.0781687	0.0130201	0.110422	-9.05616	0.06006	0.219371	-4.55848	0.355141	0.506483	-1.9744	0.993034	1.00626	1.00626	0.019537	0.132881	-7.52551	0.321788	0.480939	-2.07927	0.0405455	0.18424	-5.42771	0.380247	0.525351	-1.90349	0.0624888	0.223273	-4.47882	2.840655	23.0101	7.20026	1
2505505544	HCG18;TRIM39;HCG18;TRIM39	0.0781695	0.0715245	0.797394	-1.26937	0.652448	0.947686	-1.0552	0.534957	0.928154	-1.07741	0.39505	1.04661	1.04661	0.882233	0.983471	-1.01681	0.119785	1.80534	1.80534	0.0126877	2.93708	2.93708	0.0171484	2.76406	2.76406	0.101067	1.87475	1.87475	2.840452	5.51098	1.72456	1
2503184400	AMPD3	0.0781699	0.0869659	0.57363	0.153856	0.10105	0.10101	0.10101	0.186328	0.159671	-8.35625	0.345888	0.229698	-4.35354	0.316501	0.208207	-4.80209	0.822936	1.40441	1.40441	0.920942	1.16233	1.16233	0.250367	0.172666	0.172666	0.0079408	173.781	173.781	2.840663	103.305	32.3261	1
2503936168	PHKA2;LOC100132163	0.0781701	0.997249	1.00122	1.00122	0.114743	0.544012	-1.8182	0.303191	0.684986	-1.45988	0.421562	1.33831	1.33831	0.00230884	0.220652	-4.53202	0.545687	1.2424	1.2424	0.764078	1.11066	1.11066	0.753995	0.894422	-1.11804	0.887092	0.950826	-1.05172	2.840663	5.66746	1.77346	1
2504534884	SGK1	0.0781704	0.62121	0.77997	-1.28203	0.0307	0.193307	-3.0255	0.241225	0.631168	-1.58353	0.0618807	0.14657	-6.82418	0.0555244	1.10096	-1.08706	0.179384	0.826787	-1.20939	0.0464065	0.564799	1.77048	0.0171453	0.459021	0.808351	-1.12001	0.444089	1.24643	2.840667	1.09577	0.319043	1
2508167047	ARAP1;ARAP1	0.0781714	0.97247	1.01539	1.01539	0.810792	0.899303	-1.11197	0.522262	0.750517	-1.33241	0.228546	0.571619	-1.74936	0.120265	0.477435	-2.10812	0.550596	0.757322	-1.32044	0.00531187	5.08144	5.08144	0.154137	0.467877	-2.13731	0.736229	1.16318	1.16318	2.840661	8.81033	2.75695	1
2510585141	CHD4	0.078215	?	?	?	0.144271	1.34902	1.34902	0.0808559	0.21086	-5.21686	0.809115	0.819913	-1.21964	0.223231	0.343213	-2.91365	0.880842	0.884135	-1.13105	?	?	?	0.157008	0.258972	-3.86112	0.0023702	0.0902417	-11.0814	0.485055	26.937	6.77382	1
2507935212	LBH	0.0781716	0.0403081	0.590551	-1.69334	0.150284	0.709742	-1.40896	0.049719	0.607912	-1.64498	0.44494	0.70605	-1.41633	0.842709	0.567789	-1.04516	0.367254	1.22867	1.22867	0.526618	1.15332	1.15332	0.5110031	1.15978	1.15978	0.016788	0.522633	-1.91339	2.8406	2.22406	0.695958	1
2510235453	ZNF469	0.0781724	0.231005	2.16273	2.16273	0.174482	2.242371	2.42731	0.0560064	3.77697	3.77697	0.209595	2.25208	2.29248	0.0945246	4.82713	4.82713	0.860606	1.113995	1.113995	0.0254065	1.02973	5.02973	0.0145145	0.353165	6.353165	0.0644386	3.58011	3.58011	2.840659	16.9567	5.30616	1
2507727765	HMG3;B3;TIGD6;HMGXB3	0.0781748	0.0331919	0.615785	-1.53425	0.3809317	0.9573	-1.0446	0.0897231	0.721428	-1.38614	0.496441	0.888058	-1.12606	0.163189	1.2916	1.2916	0.3956467	0.861086	-1.16132	0.335294	0.84297	-1.18628	0.00712738	0.55017	-1.81762	0.337567	0.843562	-1.18545	2.840656	1.32975	0.416116	1
2503633568	FAM174B	0.0781754	0.0927998	0.667845	-1.49735	0.0167169	0.189198	1.89198	0.432004	1.19131	1.19131	0.732236	1.07785	1.07785	0.219025	1.326	1.326	0.0751856	0.648895	-1.54108	0.0786216	1.53172	1.53172	0.876028	0.966496	-1.03467	0.878681	0.967208	-1.0339	2.840655	2.14359	0.670791	1
2510615275	ACAP3	0.078177	0.111009	1.8292	1.8292	0.09894	1.91458	1.88358	0.126466	1.78896	1.78896	0.459861	1.94658	1.94658	0.0415651	2.27602	2.27602	0.119785	1.80534	1.80534	0.0126877	2.93708	2.93708	0.0171484	2.76406	2.76406	0.101067	1.87475	1.87475	2.840652	5.51098	1.72456	1
2505847575	ABCA3	0.0781782	0.132963	0.690043	-1.44919	0.0293802	1.79899	1.79899	0.523856	1.2983	1.2983	0.525856	1.2983	1.2983	0.0158246	1.8639	1.8639	0.0602564	1.62417	1.62417	0.159696	1.43039	1.43039	0.1915818	1.34947	1.34947	0.829909	0.951958	-1.05047	2.840651	2.35636	0.737384	1
2510871529	CNP	0.0781822	0.871519	1.16999	1.16999	0.660311	0.651172	-1.51569	0.614568	1.63642	1.63642	0.901155	0.886454	-1.12809	0.00541838	0.0287232	-34.815	0.665415	0.655715	-1.52505	0.114168	5.29543	5.29543	0.135895	4.7531	4.7531	0.179677	3.98409	3.98409	2.840645	42.326	13.2455	1
2504021421	FANCC	0.0781833	0.364285	0.852299	-1.1733	0.562008	0.729307	-1.37097	0.822718	0.81922	-1.22092	0.508673	0.998723	-1.00128	0.0304997	0.0317202	-31.5228	0.048947	1.47023	1.47023	0.0550301	1.45064	1.45064	0.0949109	0.730071	-1.36973	0.488755	1.12813	1.12813	2.840643	1.92033	0.641372	1
2501238448	OPCML	0.0781846	0.251193	0.529338	-1.88915	0.0424207	0.289354	-3.45597	0.0480736	0.30153	-3.31642	0.982558	1.01167	1.01167	0.0228673	0.235797	-4.24094	0.236651	0.517929	-1.93077	0.0310038	0.258364	-3.8705	0.589027	1.33479	1.33479	0.0588667	0.322344	-3.10228	2.840641	12.6655	3.96358	1
2509063239	TAF7L	0.078191	0.501399	0.797299	-1.25396	0.0319072	0.334402	2.99041	0.155858	0.500903	-1.99731	0.477103	0.336625	2.97035	0.231248	0.442716	-2.25855	0.397129	0.559593	-1.78677	0.0703586	0.226807	2.02807	0.0127089	0.557413	1.79415	0.157413	0.515725	1.93975	2.840635	1.037	0.535703	1
2508283595	MAEA;MAEA	0.078187	0.0752675	0.481355	-2.07747	0.135424	1.81135	1.81135	0.755076	1.1246	1.12246	0.85238	0.933545	-1.07119	0.0855261	0.49577	-2.01706	0.0397124	0.415655	-2.40584	0.0293409	0.38771	-2.57924	0.385413	1.38887	1.38887	0.676093	1.16779	1.16779	2.840637	13.6038	3.91849	1
2507233428	TMEM205;TMED5;CCDC18	0.0781882	0.526378	0.925881	-1.08005	0.555511	1.07415	1.07415	0.349516	1.1235	1.1235	0.115021	0.814177	-1.22823	0.0372537	0.926057	-1.07985	0.0420048	0.754951	-1.32459	0.136508	0.824947	-1.2122	0.404044	0.902644	-1.10786	0.0174153	1.41523	1.41523	2.840636	0.647371	0.202594	1
2504451988	FAM171A1	0.0781885	1.524657	1.524657	1.524657	0.0436256	0.0979	2.65454	0.0210879	0.514416	2.13174	0.0155185	0.0599866	-16.6704	0.0423239	0.468214	-2.13509	0.0040018	0.482607	-2.07183	0.0040744	0.0094781	0.660023	1.34602	0.0004667	0.203133	4.92258	0.0017355	1.26485	1.26485	2.840634	19.6666	6.15347	1
2503807274	LRFN2	0.0781895	0.85389	1.04613	1.04613	0.924113	0.976963	-1.02358	0.386604	0.804849	-1.24247	0.533122	1.16697	1.16697	0.179786	0.705743	-1.41695	0.477571	1.1932	1.1932	0.934123	0.97998	-1.02043	0.00185572	0.339401	-2.94637	0.825288	0.947355	-1.05557	2.840634	2.69177	0.842396	1
2511860943	STAB1	0.0781924	0.8020609	0.957504	-1.04438	0.366527	1.17393	1.17393	0.0881464	1.27528	1.27528	0.0502007	1.39816	1.39816	0.145233	1.23709	1.23709	0.421945	0.66777	-1.49758	0.0143881	0.865523	1.15537	0.0703184	0.753435	1.32563	0.0014409	0.62036	1.61128	2.840633	0.75436	0.242983	1
2502498141	SPTBN4	0.0781932	0.018574	0.77741	0.77741	0.0195611	0.63008	0.63008	0.737639	1.25283	1.25283	0.275552	2.20818	2.20818	0.0863176	3.56244	3.56244	0.7539	1.23473	1.23473	0.36375	1.86072	1.86072	0.0171703	2.27165	2.27165	0.0129901	1.32799	1.32799	2.840628	20.2207	6.32824	1
2503220447	NAV2;NAV2;NAV2	0.0781946	0.0526568	0.251296	-3.97937	0.583598	0.706768	-1.41489	0.928237	1.0581	1.0581	0.145162	0.374991	-2.66673	0.0322719	0.207645	-4.81591	0.240731	0.463002	-2.15982	0.00896596	0.124459	-8.03478	0.0379835	0.221281	-4.51914	0.170946	0.400902	-2.49437	2.840626	17.6816	5.53363	1
2503687497	RRKA	0.078197	0.9026268	1.03307	1.03307	0.7733	0.552695	1.22103	0.211703	1.09768	1.09768	0.864608	-1.15659	0.974066	0.0388468	1.03922	1.03922	0.0489417	1.42623	1.42623	0.0550301	1.45064	1.45064	0.0949109	0.730071	-1.36973	0.488755	1.12813	1.12813	2.840643	1.92033	0.641372	1
2508280620	BEND6;CSTF2; VPS37A;CNOT7;VPS37A;CNOT7;VPS37A	0.0781957	0.421731	0.850248	-1.17613	0.164538	0.745926	-1.34062	0.0167161	0.76988	1.76988	0.59237	0.898682	-1.11274	0.82154	1.04567	-1.04567	0.0602926	0.52015	1.52015	0.043504	0.61372	-1.58298	0.679413	1.08561	1.08561	0.957263	0.989463	-1.01065	2.840625	1.75755	0.550046	1
2509400175	VPS37A	0.0781961	0.405688	1.14118	1.14118	0.68806	1.06466	1.06466	0.0748674	0.734927	-1.36068	0.556996	0.911913	-1.0966	0.317138	1.17414	1.17414	0.672711	0.936169	-1.06818	0.00361073	1.84331	1.84331	0.941318	1.01149	1.01149	0.455807	1.12515	1.12515	2.840624	1.08406	0.33927	1
2507290789	UCHL1;CHCH1;RCHI1	0.0781997	0.173358	0.585632	-1.70756	0.0184335	0.347865	-2.87468	0.15224	0.567546	-1.76196	0.831202	0.924188	-1.08203	0.0762189	0.482573	-2.07223	0.244778	0.638017	-1.56736	0.0163567	0.338124	2.95647	0.593951	0.81976	-1.21987	0.199473	1.64985	1.64985	2.840619	6.13617	1.92043	1
2503031660	MRPS7;MRPS7;GJA3;GJA3	0.0781998	0.2708151	0.5499	-1.81892	0.0219072	0.334402	-2.99041	0.155858	0.500903	-1.99731	0.477103	0.336625	2.97035	0.231248	0.442716	-2.25855	0.0693909	0.459525	-2.17604	0.0134717	0.127093	1.22703	0.7616571	1.1861	1.1861	0.174053	1.85345	1.85345	2.840618	1.19047	0.56336	1
2503580304	ZNF701	0.0781999	0.519405	1.05889	1.05889	0.1444292	0.767847	-1.30234	0.277652	1.10397	1.10397	0.181688	0.88319	-1.13226	0.580297	1.05015	1.05015	0.0397124	1.415655	2.40584	0.0293409	0.38771	-2.57924	0.385413	1.38887	1.38887	0.676093	1.16779	1.16779	2.840637	13.6038	3.91849	1
2507252029	MDGA1;MDGA1	0.0782002	0.0937179	0.56659	-1.76479	0.0215204	0.29739	1.67579	0.0338969	0.818807	-10.8825	0.153879	0.642131	6.64231	0.0145289	0.458058	-2.18306	0.0420048	0.754951	-1.32459	0.136508	0.824947	-1.2122	0.404044	0.902644	-1.10786	0.0174153	1.41523	1.41523	2.840636	0.647371	0.202594	1
2504451988	FAM171A1	0.0782185	1.524657	1.524657	1.524657	0.0436256	0.0979	2.65454	0.0210879	0.514416	2.13174	0.0155185	0.0599866	-16.6704	0.0423239	0.468214	-2.13509	0.0040018	0.482607	-2.07183	0.0040744	0.0094781	0.660023	1.34602	0.0004667	0.203133	4.92258	0.0017355	1.26485	1.26485	2.840634	19.6666	6.15347	1
2503807274	LRFN2	0.0781895	0.85389	1.04613	1.04613	0.924113	0.976963	-1.02358	0.386604	0.804849	-1.24247	0.533122	1.16697	1.16697	0.179786	0.705743	-1.41695	0.477571	1.1932	1.1932	0.934123	0.97998	-1.02043	0.00185572	0.339401	-2.94637	0.825288	0.947355	-1.05557	2.840634	2.69177	0.842396	1
2511860943	STAB1	0.0781924	0.8020609	0.957504	-1.04438	0.366527	1.17393	1.17393	0.0881464	1.27528	1.27528	0.0502007	1.39816	1.39816	0.145233	1.23709	1.23709	0.421945	0.66777	-1.49758	0.0143881	0.865523	1.15537	0.0703184	0.753435	1.32563	0.0014409	0.62036	1.61128	2.840633	0.75436	0.242983	1
2502498141	SPTBN4	0.0781932	0.018574	0.77741	0.77741	0.0195611	0.63008	0.63008	0.737639	1.25283	1.25283	0.275552	2.20818	2.20818	0.0863176	3.56244	3.56244	0.7539	1.23473	1.23473	0.36375	1.86072	1.86072	0.0171703	2.27165	2.27165	0.0129901	1.32799	1.32799	2.840628	20.2207	6.32824	1
2503220447	NAV2;NAV2;NAV2	0.0781946	0.0526568	0.251296	-3.97937	0.583598	0.706768	-1.41489	0.928237	1.0581	1.0581	0.145162	0.374991	-2.66673	0.0322719	0.207645	-4.81591	0.240731	0.463002	-2.15982	0.00896596	0.124459	-8.03478	0.0379835	0.221281	-4.51914	0.170946	0.400902	-2.49437	2.840626	17.6816	5.53363	1
2503687497	RRKA	0.078197	0.9026268	1.03307	1.03307	0.7733	0.552695	1.22103	0.211703	1.09768	1.09768	0.864608	-1.15659	0.974066	0.0388468	1.03922	1.03922	0.0489417	1.42623	1.42623	0.0550301	1.45064	1.45064	0.0949109	0.730071	-1.36973	0.488755	1.12813	1.12813	2.840643	1.92033	0.641372	1
2508280620	BEND6;CSTF2; VPS37A;CNOT7;VPS37A;CNOT7;VPS37A	0.0781957	0.421731	0.850248	-1.17613	0.164538	0.745926	-1.34062	0.0167161	0.76988	1.76988	0.59237	0.898682	-1.11274	0.82154	1.04567	-1.04567	0.0602926	0.52015	1.52015	0.043504	0.61372	-1.58298	0.679413	1.08561	1.08561	0.957263	0.989463	-1.01065	2.840625	1.75755	0.550046	1
2509400175	VPS37A	0.0781961	0.405688	1.14118	1.14118	0.68806	1.06466	1.06466	0.0748674	0.734927	-1.36068	0.556996	0.911913	-1.0966	0.317138	1.17414	1.17414	0.672711	0.936169	-1.06818	0.00361073	1.84331	1.84331	0.941318	1.01149	1.01149	0.455807	1.12515	1.12515	2.840624	1.08406	0.33927	1
2507290789	UCHL1;CHCH1;RCHI1	0.0781997	0.173358	0.585632	-1.70756	0.0184335	0.347865	-2.87468	0.15224	0.567546	-1.76196	0.831202	0.924188	-1.08203	0.0762189	0.482573	-2.07223	0.244778	0.638017	-1.56736	0.0163567	0.338124	2.95647	0.593951	0.81976	-1.21987	0.199473	1.64985	1.64985	2.840619	6.13617	1.92043	1
2503031660	MRPS7;MRPS7;GJA3;GJA3	0.0781998	0.2708151	0.5499	-1.81892	0.0219072	0.334402	2.99041	0.155858	0.500903	-1.99731	0.477103	0.336625	2.97035	0.231248	0.442716	-2.25855	0.0693909	0.459525	-2.17604	0.0134717	0.127093	1.22703	0.7616571	1.1861	1.1861	0.174053	1.85345	1.85345	2.840618	1.19047	0.56336	1
2503580304	ZNF701	0.0781999	0.519405	1.05889	1.05889	0.1444292	0.767847	-1.30234	0.277652	1.10397	1.10397	0.181688	0.88319	-1.13226	0.580297	1.05015	1.05015	0.0397124	1.415655	2.40584	0.0293409	0.38771	-2.57924	0.385413	1.38887	1.38887	0.676093	1.16779	1.16779	2.840637	13.6038	3.91849	1
2507252029	MDGA1;MDGA1	0.0782002	0.0937179	0.56659	-1.76479	0.0215204	0.29739	1.67579	0.0338969	0.818807	-10.8825	0.153879	0.642131	6.64231	0.0145289	0.458058	-2.18306	0.0420048	0.754951	-1.32459	0.136508	0.824947	-1.2122	0.404044	0.902644	-1.10786	0.0174153	1.41523	1.41523	2.840636	0.647371	0.202594	1
2504451988	FAM171A1	0.0782185	1.524657	1.524657	1.524657	0.0436256	0.0979	2.65454	0.0210879	0.514416	2.13174	0.0155185	0.0599866	-16.6704	0.0423239	0.468214	-2.13509	0.0040018	0.482607	-2.07183	0.0040744	0.0094781	0.660023	1.34602	0.0004667	0.203133	4.92258	0.0017355	1.26485	1.26485	2.840634	19.6666	6.15347	1
2503807274	LRFN2	0.0781895	0.85389	1.04613	1.04613	0.924113	0.976963	-1.02358	0.386604	0.804849	-1.24247	0.533122	1.16697	1.16697	0.179786	0.705743	-1.41695	0.477571	1.1932	1.1932	0.934123	0.97998	-1.02043	0.00185572	0.339401	-2.94637	0.825288	0.947355	-1.05557	2.840634	2.69177	0.842396	1
2511860943	STAB1	0.0781924	0.8020609	0.957504	-1.04438	0.366527	1.17393	1.17393	0.0881464	1.27528	1.27528	0.0502007	1.39816	1.39816	0.145233	1.23709	1.23709	0.421945	0.66777	-1.49758	0.0143881	0.865523	1.15537	0.0703184	0.753435	1.32563	0.0014409	0.62036	1.61128	2.840633	0.75436	0.242983	1
2502498141	SPTBN4	0.0781932	0.018574	0.77741	0.77741	0.0195611	0.63008	0.63008	0.737639	1.25283	1.25283	0.275552	2.20818	2.20818	0.0863176	3.56244	3.56244	0.7539	1.23473	1.23473	0.36375	1.86072	1.86072	0.0171703	2.27165	2.27165	0.0129901	1.32799	1.32799	2.840628	20.2207	6.32824	1
2503220447	NAV2;NAV2;NAV2	0.0781946	0.0526568	0.251296	-3.97937	0.583598	0.706768	-1.41489	0.928237	1.0581	1.0581	0.145162	0.374991	-2.66673	0.0322719	0.207645	-4.81591	0.240731	0.463002	-2.15982	0.00896596	0.124459	-8.03478	0.0379835	0.221281	-4.51914	0.170946	0.400902	-2.49437	2.840626	17.6816	5.53363	1
2503687497	RRKA	0.078197	0.9026268	1.03307	1.03307	0.7733	0.552695	1.22103	0.211703	1.09768	1.09768	0.864608	-1.15659	0.974066	0.0388468	1.03922	1.03922	0.0489417	1.42623	1.42623	0.0550301	1.45064	1.45064	0.0949109	0.730071	-1.36973	0.488755	1.12813	1.12813	2.840643	1.92033	0.641372	1
2508280620	BEND6;CSTF2; VPS37A;CNOT7;VPS37A;CNOT7;VPS37A	0.0781957	0.421731	0.850248	-1.17613	0.164538	0.745926	-1.34062	0.0167161	0.76988	1.76988	0.59237	0.898682	-1.11274	0.82154	1.04567	-1.04567	0.0602926	0.52015	1.52015	0.043504	0.61372	-1.58298	0.679413	1.08561	1.08561	0.957263	0.989463	-1.01065	2.840625	1.75755	0.550046	1
2509400175	VPS37A	0.0781961	0.405688	1.14118	1.14118	0.68806	1.06466	1.06466	0.0748674	0.734927	-1.36068	0.556996	0.911913	-1.0966	0.317138	1.17414	1.17414	0.672711	0.936169	-1.06818	0.00361073	1.84331	1.84331	0.941318	1.01149	1.01149	0.455807	1.12515	1.12515	2.840624	1.08406	0.33927	1
2507290789	UCHL1;CHCH1;RCHI1	0.0781997	0.173358	0.585632	-1.70756	0.0184335	0.347865	-2.87468	0.15224	0.567546	-1.76196	0.831202	0.924188	-1.08203	0.0762189	0.482573	-2.07223	0.244778	0.638017	-1.56736	0.0163567	0.338124	2.95647	0.593951	0.81976	-1.21987	0.199473	1.64985	1.64985	2.840619	6.13617	1.92043	1
2503031660	MRPS7;MRPS7;GJA3;GJA3	0.0781998	0.2708151	0.5499	-1.81892	0.0219072	0.334402	2.99041	0.155858	0.500903	-1.99731	0.477103	0.336625	2.97035	0.231248	0.442716	-2.25855	0.0693909	0.459525	-2.17604	0.0134717	0.127093	1.22703	0.7616571	1.1861	1.1861	0.174053	1.85345	1.85345	2.840618	1.19047	0.56336	1
2503580304	ZNF701	0.0781999	0.519405	1.05889	1.05889	0.1444292	0.767847	-1.30234	0.277652	1.10397	1.10397	0.181688	0.88319	-1.13226	0.580297	1.05015	1.05015	0.0397124	1.415655	2.40584	0.0293409	0.38771	-2.57924	0.385413	1.38887	1.38887	0.676093	1.16779	1.16779	2.840637	13.6038	3.91849	1
2507252029	MDGA1;MDGA1	0.0782002	0.0937179	0.56659	-1.76479	0.0215204	0.29739	1.67579	0.0338969	0.818807	-10.8825	0.153879	0.642131	6.64231	0.0145289	0.458058	-2.18306	0.0420048	0.754951	-1.32459	0.136508	0.824947	-1.2122	0.404044	0.902644	-1.10786	0.0174153	1.41523	1.41523	2.840636	0.647371	0.202594	1
2504451988	FAM171A1	0.0782185	1.524657	1.524657	1.524657	0.0436256	0.0979	2.65454	0.0210879	0.514416	2.13174	0.0155185	0.0599866	-16.6704	0.0423239	0.468214	-2.13509	0.0040018	0.482607	-2.07183	0.0040744	0.0094781	0.660023	1.34602	0.0004667	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)
cg00869989	SGTA	0.0783231	0.0329321	0.150554	-6.64211	0.0542799	0.190575	-5.24729	0.425444	0.539158
cg18170070	TRIM71	0.0783231	0.803263	0.963804	-1.03756	0.689553	0.942419	-1.0611	0.0123324	0.63114
cg01796781	EPHA10;EPHA10	0.0783231	0.63001	0.940126	-1.06369	0.0404847	1.35118	1.35118	0.0534426	1.32187
cg22138822	POLE	0.0783245	0.0192418	0.612695	-1.63213	0.104668	1.35908	1.35908	0.270999	1.21927
cg07663723	POLQ	0.0783248	0.40781	0.853718	-1.17135	0.585541	1.10833	1.10833	0.130194	0.736886
cg14613786	MAPK4	0.0783259	0.507079	1.19732	1.19732	0.132878	1.54317	1.54317	0.426163	1.24286
cg11897909	FGF14;FGF14	0.0783259	0.754924	0.926081	-1.07982	0.190414	0.711729	-1.40503	0.0747927	1.62694
cg06574769	TPO;TPO;TPO;TPO	0.0783275	0.567737	0.807694	-1.23809	0.0995351	1.94954	1.94954	0.0667204	2.13875
cg06768288	HDAC4	0.0783293	0.622012	0.880884	-1.13522	0.151911	1.47961	1.47961	0.613729	1.13872
cg14174221	UBASH3A;UBASH3A	0.0783307	0.166272	0.535166	-1.86858	0.281115	1.60715	1.60715	0.813075	0.904542
cg02667577	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0783313	0.0268645	2.03317	2.03317	0.0320478	1.97342	1.97342	0.364218	1.28706
cg15331996	SPOCK2;SPOCK2	0.0783339	0.861209	1.06663	1.06663	0.112634	1.88999	1.88999	0.315975	1.46543
cg02471512	UQCRC2	0.0783347	0.516446	0.879399	-1.13714	0.691517	0.925045	-1.08103	0.226689	0.780389
cg09649586	TP53AIP1	0.0783355	0.536569	1.26364	1.26364	0.490312	0.769515	-1.29952	0.566507	0.805216
cg12085226	MYOF;MYOF	0.0783357	0.507871	1.1227	1.1227	0.0181669	1.63908	1.63908	0.341501	1.18395
cg25111228	NPAS3;NPAS3;NPAS3;NPAS3	0.0783373	0.266703	0.702976	-1.42252	0.411625	1.29134	1.29134	0.033476	2.13111
cg03738352	SLC34A2	0.0783375	0.0496887	24.5819	24.5819	0.745011	1.59473	1.59473	0.269339	5.18167
cg20455197	ADARB2	0.0783383	0.0817088	0.164567	-6.07656	0.0449938	0.116285	-8.59954	0.133208	0.219794
cg12686133	NDUFA9	0.0783448	0.481516	0.935716	-1.0687	0.33546	1.09663	1.09663	0.0479372	0.810583
cg19314263	COX19	0.0783459	0.155635	0.439154	-2.2771	0.455225	1.50978	1.50978	0.945351	1.03783
cg24826636	ZBTB12	0.0783474	0.475689	0.738818	-1.35351	0.0295076	2.98929	2.98929	0.0216275	3.26124
cg09367545	CACNA1H;CACNA1H	0.0783474	0.372672	0.666341	-1.50073	0.641613	1.23111	1.23111	0.389824	1.47826
cg04577809	RHBDF2;RHBDF2	0.0783484	0.346262	0.784643	-1.27446	0.0153992	0.475457	-2.10324	0.0499154	0.571711
cg13425637	PRKCH	0.0783489	0.462575	1.23246	1.23246	0.321622	0.751111	-1.33136	0.384321	1.28316
cg00407231	KLHDC8A	0.0783491	0.538667	0.850786	-1.17538	0.009287	2.35558	2.35558	0.108228	1.57599
cg15384598	JPH4;JPH4	0.0783499	0.0615495	55.3457	55.3457	0.113308	26.6874	26.6874	0.214477	12.0692
cg14793819	LOC152217;NCBP2;NCBP2	0.0783518	0.841836	0.961698	-1.03983	0.920023	1.01983	1.01983	0.588719	0.898787
ch.12.2586863F	DENR	0.0783524	0.0680496	0.640325	-1.56171	0.00960846	0.48912	-2.04449	0.0244244	0.557127
cg24380059	ZBP1;ZBP1;ZBP1;ZBP1	0.0783527	0.18952	1.24271	1.24271	0.140831	1.28105	1.28105	0.999611	0.999924
cg01402631	SPOCK1	0.0783539	0.018891	0.374435	-2.67069	0.461093	0.771646	-1.29593	0.0425347	0.446263
cg11396746	FAHD1;HAGH;FAHD1;FAHD1;HAGH	0.0783545	0.230226	0.831447	-1.20272	0.0868515	0.757823	-1.31957	0.0813098	1.32759
cg14847626	NCOR2;NCOR2	0.0783546	0.108607	3.91071	3.91071	0.206707	2.82271	2.82271	0.627561	1.46369
cg04810915	ETS1	0.0783551	0.501091	1.12394	1.12394	0.0730998	0.71034	-1.40778	0.358919	0.850944
cg26658846	TLN2	0.0783584	0.267669	0.638972	-1.56501	0.0786613	2.13311	2.13311	0.421969	1.37463
cg09174032	NUP35	0.0783604	0.102682	0.546574	-1.82958	0.333091	1.40182	1.40182	0.291494	0.690531
cg18183671	ARPP-21;ARPP-21;ARPP-21;ARPP-21	0.0783627	0.0393143	0.133509	-7.49014	0.713624	0.732513	-1.36516	0.873118	1.1445
cg11476758	RBM25	0.0783667	0.357914	0.897964	-1.11363	0.6826	0.954275	-1.04792	0.473683	1.08649
cg24844545	NPPA	0.0783668	0.082079	0.352694	-2.83532	0.158676	0.442611	-2.25932	0.181418	0.464178
cg13764915	FAM55C;FAM55C	0.078369	0.0857565	0.702287	-1.42392	0.191678	0.773184	-1.29335	0.00550574	0.507066
cg08470135	C1orf159	0.07837	0.275461	0.803767	-1.24414	0.0169272	0.570701	-1.75223	0.0428455	0.638394
cg26321153	PTPRN2;PTPRN2;PTPRN2	0.078371	0.977086	1.00465	1.00465	0.189552	0.79888	-1.25175	0.254787	1.21183
cg01242602	SFRS18;SFRS18	0.0783726	0.0258966	0.250346	-3.99447	0.650185	1.27007	1.27007	0.550701	1.37181
cg25202261	SNX27	0.0783749	0.0210603	0.302043	-3.31078	0.608758	0.800323	-1.2495	0.223191	0.575672
cg11230083	ATP11A;ATP11A	0.0783753	0.147253	0.740149	-1.35108	0.032041	1.62575	1.62575	0.538734	0.886547
cg07671949	ESR1;ESR1;ESR1;ESR1	0.0783774	0.0168828	0.291346	-3.43235	0.122661	0.492765	-2.02936	0.463946	0.729508
cg13573653	ZNF385B;ZNF385B	0.0783793	0.115104	0.630288	-1.58658	0.00779781	0.398408	-2.50999	0.632456	0.878252
cg01594915	HNRNPA3	0.07838	0.160595	0.827759	-1.20808	0.206396	1.18304	1.18304	0.42203	0.90173
cg13422347	RNF126	0.0783804	0.133681	1.48433	1.48433	0.00615898	2.39286	2.39286	0.380786	0.802917
cg12440927	PTPRN2;PTPRN2;PTPRN2	0.0783807	0.0931206	2.23684	2.23684	0.821274	1.10364	1.10364	0.485097	1.3623
cg20954737	ST3GAL4	0.078382	0.238075	0.691861	-1.44538	0.148694	0.630214	-1.58676	0.0865253	0.568715
cg02355646	VIT	0.0783828	0.642423	0.892298	-1.1207	0.92696	1.0226	1.0226	0.488247	0.842312
cg12609142	CPSF3L	0.0783831	0.225292	0.741307	-1.34897	0.0523241	0.595281	-1.67988	0.939369	0.982278
cg10692922	SLC27A1	0.0783871	0.0798663	0.696947	-1.43483	0.0991704	0.714772	-1.39905	0.839383	0.963002
cg21363348	TMEM140	0.0783908	0.183781	0.467094	-2.1409	0.232752	0.508913	-1.96497	0.0310315	0.254958
cg02492799	GNAT2	0.0783926	0.135594	0.600002	-1.66666	0.173034	0.630985	-1.58482	0.249807	0.682525
cg24551917	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.0783935	0.0425449	0.625199	-1.59949	0.611263	1.10859	1.10859	0.0603055	0.653046
cg01845355	BRD2;BRD2	0.0783949	0.763411	0.839421	-1.1913	0.864655	1.10398	1.10398	0.69565	0.796154
cg17463149	PKP1;PKP1	0.0783957	0.0729149	8.92368	8.92368	0.104906	6.95092	6.95092	0.195136	4.47843
cg11222527	ITPKB	0.0783958	0.245083	0.569427	-1.75615	0.157158	0.496235	-2.01517	0.0452737	0.345172
cg08471835	ZNF486	0.0783968	0.123922	0.710711	-1.40704	0.419406	0.844433	-1.18423	0.0340689	1.66022
cg11223512	BAI1	0.0783977	0.202988	1.72331	1.72331	0.00529132	4.43128	4.43128	0.118947	1.98445
cg21716266	C6orf201;C6orf146;C6orf201	0.0783978	0.334046	0.762004	-1.31233	0.191391	1.45841	1.45841	0.814404	1.06625
cg05245650	CDC42EP3	0.0783983	0.0396258	0.152769	-6.54585	0.0904555	0.229239	-4.36227	0.0928237	0.232198
cg24824245	CMAS	0.0783992	0.459961	0.889606	-1.12409	0.0113224	1.63739	1.63739	0.258612	1.20114
cg01734140	PAQR4	0.0783999	0.759907	1.05895	1.05895	0.210865	1.27935	1.27935	0.972685	1.00642
cg23248324	TTK;TTK	0.0784002	?	?	?	0.221349	2.12403	2.12403	0.560109	1.40556
cg26336087	AASS	0.0784032	0.122583	0.687492	-1.45456	0.210761	0.744293	-1.34356	0.0153188	0.513418
cg20961045	CUEDC1	0.0784059	0.0523817	0.756951	-1.32109	0.504803	1.08918	1.08918	0.907916	0.985502
cg02075820	NUCB2	0.078407	0.0998585	0.348557	-2.86897	0.1973	0.450857	-2.218	0.308024	0.53972
cg01593134	DENND3	0.0784096	0.0689621	1.39668	1.39668	0.0601449	0.706049	-1.41633	0.571548	0.910413
cg09269619	PCGF3	0.0784098	0.0286435	0.35085	-2.85022	0.922934	1.04004	1.04004	0.780939	1.11975
cg17207815	NUDT18	0.0784102	0.516305	0.791238	-1.26384	0.00388751	3.98835	3.98835	0.354805	1.40312
cg08426157	HDAC9;HDAC9;HDAC9;HDAC9	0.0784115	0.784494	0.890902	-1.12246	0.120947	0.49228	-2.03136	0.0478093	0.385338
cg16397638	OBSCN	0.0784122	0.208117	0.405291	-2.46736	0.549039	1.51074	1.51074	0.0325416	0.182191
cg15045943	STK10	0.0784125	0.0907187	0.826677	-1.20966	0.829498	0.978215	-1.02227	0.935206	1.00834
cg09274826	HDGF;HDGF;HDGF	0.0784126	0.106137	0.693534	-1.44189	0.0317323	1.6856	1.6856	0.163994	1.36067
cg12776156	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.0784132	0.0299847	0.361404	-2.76699	0.418221	0.7191	-1.39063	0.869976	1.06748
cg02351555	PLK5P	0.0784139	0.0160983	0.278547	-3.59005	0.061901	0.401541	-2.49041	0.750067	0.870487
cg19959917	CXCL12;CXCL12;CXCL12	0.0784142	0.161753	0.566677	-1.76467	0.887213	1.05543	1.05543	0.522741	1.2792
cg21614690	HRK	0.0784167	0.0984798	1.88051	1.88051	0.0105898	3.06628	3.06628	0.221489	1.56501
cg00437443	LOC221710	0.0784169	0.747832	0.962406	-1.03906	0.965581	1.00514	1.00514	0.850748	1.02263
cg07523071	B3GNT8	0.078417	0.4535	1.24512	1.24512	0.0584771	0.541308	-1.84738	0.605971	0.861232
cg16548605	SLC19A2	0.0784177	0.0360809	0.155144	-6.44562	0.0894942	0.239046	-4.1833	0.25273	0.401248
cg15206981	SPRY1;SPRY1	0.0784182	0.437898	0.661743	-1.51116	0.442776	0.664764	-1.50429	0.103968	0.395505
cg21068610	CHD3	0.0784183	0.0801612	0.571152	-1.75085	0.799792	0.929299	-1.07608	0.0107469	0.396613
cg06722639	SLC7A8;SLC7A8	0.0784224	0.00753197	0.369731	-2.70467	0.334594	0.749814	-1.33366	0.755372	0.913539
cg27385757	KIAA1949;NRM;KIAA1949	0.0784224	0.04087	1.79567	1.79567	0.884733	0.964662	-1.03663	0.836182	0.949944
cg08042027	HDAC4	0.0784241	0.268994	2.00086	2.00086	0.0123586	6.53067	6.53067	0.7867	1.17752
cg05994508	RPTOR;RPTOR;RPTOR;RPTOR	0.0784249	0.609133	1.22685	1.22685	0.00559474	0.236369	-4.23068	0.2876	0.645506
cg16495818	FAM168A	0.0784258	0.188064	0.542144	-1.84453	0.647469	1.22394	1.22394	0.425036	1.42983
cg21463776	ZNF827	0.0784258	0.489545	1.09034	1.09034	0.0513952	0.760876	-1.31427	0.0279871	1.37697
cg26308330	PRRX1;PRRX1	0.0784279	0.913386	0.990121	-1.00998	0.0604548	0.824334	-1.2131	0.670397	1.03984
cg21813747	NBL1;NBL1	0.0784285	0.90266	0.942694	-1.06079	0.0210008	3.81598	3.81598	0.122688	2.24057
cg16927242	MEIS1	0.078429	0.0321193	0.195854	-5.10584	0.318358	0.511783	-1.95395	0.395676	0.568375
cg27363310	ZNF84;ZNF84;ZNF84	0.0784293	0.403834	0.908497	-1.10072	0.558311	1.06876	1.06876	0.263147	0.877171
cg06238921	ARMC4	0.0784297	0.496681	1.22663	1.22663	0.0664604	0.543786	-1.83896	0.0372515	0.488864
cg02886541	SIP1;SIP1;SIP1	0.0784307	0.342537	0.793972	-1.25949	0.0660544	0.614796	-1.62655	0.0635194	0.611274
cg12776163	SEPT7;SEPT7;SEPT7;SEPT7	0.0784314	0.448342	1.68731	1.68731	0.0193955	0.147517	-6.77887	0.977199	0.980837
cg07166653	CAMSAP1	0.0784344	0.253521	0.753238	-1.3276	0.0331523	0.553319	-1.80728	0.972988	0.991986
cg13328713	TFPI2	0.0784344	0.998427	1.00094	1.00094	0.513021	0.728969	-1.3718	0.20613	0.529679
ch.2.4494704R	FAM124B;FAM124B	0.0784347	0.0915708	0.371199	-2.69397	0.0106276	0.180207	-5.54918	0.0767711	0.349961
cg24220178	FOXK2	0.0784352	0.557671	1.3824	1.3824	0.047456	3.44982	3.44982	0.256806	0.523949
cg02088996	LOC285954	0.0784359	0.769695	0.850403	-1.17591	0.132058	0.407715	-2.45269	0.176846	0.452765
cg01970322	HSD17B8	0.0784369	0.2351	1.46194	1.46194	0.00469044	3.1485	3.1485	0.0552981	1.94057
cg00260116	C7orf52	0.0784396	0.44062	1.83431	1.83431	0.0313807	7.01217	7.01217	0.153828	3.24749
cg11000292	ABCG2	0.0784397	0.188011	0.57561	-1.73729	0.188701	0.576165	-1.73561	0.37257	1.43682
cg23613030	GPR111	0.0784398	0.139822	0.406213	-2.46176	0.265671	0.518022	-1.93042	0.102918	0.363588
cg07404514	CLIC1;DDAH2	0.0784411	0.88373	0.955714	-1.04634	0.945631	0.979111	-1.02134	0.200965	0.658312
cg23549869	HSD17B1	0.078442	0.68048	0.761643	-1.31295	?	?	?	0.0152296	7.09797
cg13022888	SEL1L	0.0784425	0.19566	1.70986	1.70986	0.0605251	2.2923	2.2923	0.0597113	2.29987
cg13289827	C10orf93	0.0784428	0.783014	1.0918	1.0918	0.0030339	3.64101	3.64101	0.0652661	1.93165
cg05884522	NOL7	0.0784453	0.910801	0.976084	-1.0245	0.067167	1.55762	1.55762	0.244496	1.30082
cg17099072	GABBR1;GABBR1	0.0784475	0.0513533	0.47685	-2.0971	0.879827	1.0518	1.0518	0.124306	1.74286
cg26471610	C15orf55	0.0784475	0.681752	0.920728	-1.0861	0.138667	1.37616	1.37616	0.731603	1.0714
cg09438698	GOLGA3	0.0784493	0.215553	1.19216	1.19216	0.400342	0.890399	-1.12309	0.705251	0.95005
cg09159452	IQCE;IQCE	0.0784497	0.0807145	0.102187	-9.78599	0.470096	0.420902	-2.37585	0.213883	0.214129
cg12067687	HOOK1	0.0784512	0.110606	6.58172	6.58172	0.283053	3.34975	3.34975	0.175309	4.76905
cg15394998	FAT1	0.0784529	0.247719	1.36957	1.36957	0.0218247	2.04674	2.04674	0.506901	0.839262
cg16162391	LOC387647	0.0784556	0.0750461	0.31013	-3.22445	0.0536307	0.274105	-3.64824	0.274092	0.510638
cg02193762	PRR5L;PRR5L;PRR5L	0.0784563	0.59015	1.10927	1.10927	0.107192	1.39845	1.39845	0.47768	0.871375
cg20910385	CAPZB	0.0784564	0.03813	0.734252	-1.36193	0.108939	0.798764	-1.25193	0.0921772	0.78801
cg05434900	RGS12;RGS12	0.0784586	0.166932	0.797575	-1.2538	0.430726	1.13139	1.13139	0.429444	0.883548
cg18206017	RIPPLY2	0.07846	0.526472	0.867589	-1.15262	0.926262	0.979722	-1.0207	0.0716525	0.640744
cg04913443	ZNF219;ZNF219;C14orf176;ZNF219	0.0784605	0.34815	0.882269	-1.13344	0.369166	1.12705	1.12705	0.311772	1.14534
cg07957491	UCK1;UCK1	0.0784629	0.32265	0.695182	-1.43847	0.0395281	2.3335	2.3335	0.270007	1.50496
cg14476479	GPT	0.0784644	0.106805	0.365501	-2.73597	0.0882854	0.341264	-2.93028	0.683801	1.26374
cg07165066	SACS	0.0784651	0.0315293	0.153699	-6.50624	0.114395	0.279365	-3.57954	0.0506863	0.191367
cg04571513	CCR7	0.0784656	0.589181	0.949428	-1.05327	0.0664437	0.822075	-1.21643	0.0575572	1.22682
cg19865896	SECTM1	0.0784658	0.0655548	2.39191	2.39191	0.0492	2.57886	2.57886	0.149694	1.91891
cg08434300	ARHGAP22	0.0784675	0.0516385	0.596942	-1.6752	0.00684945	2.26079	2.26079	0.842349	1.04748
cg05365735	FZD5	0.0784688	0.125431	4.70421	4.70421	0.0364032	9.6885	9.6885	0.0314137	10.5558
cg05677224	ZNF510	0.0784694	0.645114	0.919062	-1.08807	0.0177841	0.591874	-1.68955	0.272667	1.23095
cg08244750	OTUB2	0.0784705	0.0186485	0.332294	-3.00938	0.0553938	0.432167	-2.31392	0.0355805	0.388604
cg12656077	NNT;NNT	0.0784706	0.622123	0.886322	-1.12826	0.209501	1.37893	1.37893	0.561341	1.15335
cg17033080	IGFBP2	0.0784722	0.201272	0.455671	-2.19457	0.0157042	0.178283	-5.60905	0.882152	0.917237
cg00747184	KIAA0831	0.0784723	0.657467	1.06878	1.06878	0.0679961	1.35618	1.35618	0.202284	0.818182
cg24315833	KLHL2;GK3P;KLHL2;KLHL2	0.0784724	0.0673019	1.55174	1.55174	0.241363	0.768889	-1.30058	0.383055	0.825567
cg18069705	HSPA4L	0.0784726	0.462683	0.618813	-1.616	0.0073477	0.108801	-9.19113	0.0448489	0.228043
cg24670566	PDE5A;PDE5A;PDE5A	0.0784736	0.220146	0.847977	-1.17928	0.105218	1.25411	1.25411	0.195833	1.19121
cg05395156	CAMK2G;CAMK2G;CAMK2G;CAMK2G;CAMK2G	0.0784743	0.01802	0.416708	-2.39976	0.0651556	0.532173	-1.87909	0.612958	0.85607

Probeset ID	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00869989	-1.85475	0.536993	1.60718	1.60718	0.0141874	0.100595	-9.94089	0.157014	0.317026	-3.15432	0.64115	0.700276	-1.42801	0.465091	1.75817	1.75817	0.0645266	0.206775	-4.83618	2.83835	25.8969	8.11016	1
cg18170070	-1.58444	0.637744	0.932349	-1.07256	0.303365	1.17053	1.17053	0.0664697	1.35523	1.35523	0.12368	1.27925	1.27925	0.142978	0.792537	-1.26177	0.323267	0.860118	-1.16263	2.83835	0.980616	0.307101	1
cg01796781	1.32187	0.407484	0.897825	-1.1138	0.435865	1.10641	1.10641	0.054005	0.757131	-1.32078	0.449213	0.906566	-1.10306	0.130484	0.812419	-1.23089	0.230576	1.17349	1.17349	2.83835	0.72736	0.227788	1
cg22138822	1.21927	0.543242	1.11232	1.11232	0.610294	0.914919	-1.09299	0.68204	0.931219	-1.07386	0.0159989	1.66558	1.66558	0.906139	1.02062	1.02062	0.912672	0.981201	-1.01916	2.83833	1.34532	0.421319	1
cg07663723	-1.35706	0.708575	1.07265	1.07265	0.624314	0.911923	-1.09658	0.0534161	0.663767	-1.50655	0.0042542	0.489401	-2.04331	0.505561	0.881453	-1.13449	0.0717634	0.686935	-1.45574	2.83832	1.56843	0.491192	1
cg14613786	1.24286	0.686588	1.11464	1.11464	0.448866	1.22936	1.22936	0.0996115	1.62076	1.62076	0.00270275	3.03086	3.03086	0.0724344	1.70973	1.70973	0.605481	0.869867	-1.1496	2.83831	3.21808	1.00782	1
cg11897909	1.62694	0.0523823	1.71781	1.71781	0.367224	1.25503	1.25503	0.193996	1.40076	1.40076	0.0388008	0.556125	-1.79816	0.159435	0.691607	-1.44591	0.802485	0.940386	-1.06339	2.83831	2.70364	0.846715	1
cg06574769	2.13875	0.587986	1.22419	1.22419	0.181759	0.59204	-1.68907	0.352876	1.42406	1.42406	0.193541	0.601241	-1.66323	0.141075	0.5569	-1.79565	0.0310469	0.392152	-2.55003	2.83828	6.1473	1.9252	1
cg06768288	1.13872	0.942645	0.981803	-1.01853	0.00453684	0.38096	-2.62495	0.248305	0.734899	-1.36073	0.155303	1.47419	1.47419	0.405438	1.24265	1.24265	0.845993	0.95158	-1.05088	2.83826	2.92815	0.917043	1
cg14174221	-1.10553	0.814163	1.10487	1.10487	0.0131062	0.271679	-3.68082	0.0586486	0.404681	-2.47108	0.0189158	0.300008	-3.33324	0.501697	0.749167	-1.33482	0.27446	0.617791	-1.61867	2.83824	8.06343	2.52534	1

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
Jeval Nazarian																										
cg01211690	CUL1	0.8048422	0.93394	-1.07075	0.00516526	1.360873	-2.77106	0.0110521	0.4149601	-2.42102	0.125504	0.632751	-1.5804	0.581094	0.8570902	-1.16674	0.353785	0.768476	-1.30128	0.311445	0.74897	-1.33517	0.959481	1.00295	1.002305	0.851327	0.949527	-1.05316	2.83609	3.42239	1.072825	1
cg08326511	C2orf76;DBI;DBI;DBI;DBI	0.0784758	0.363111	0.7423408	-1.34715	0.7854088	1.09087	1.090087	0.319116	1.38854	0.580388	0.8369227	-1.19485	0.8818089	0.953676	1.04857	0.9077	1.03767	1.03767	0.0086262	0.2446765	-4.08555	0.282509	0.7004449	-1.42765	0.7136666	1.11503	2.83608	4.56547	1.43092	1
cg25149251	UFSP1;ACHE;ACHE	0.0784763	0.0249161	5.01405	5.01405	0.141722	2.59714	2.59714	0.214965	2.2001	2.2001	0.0331733	4.50042	4.50042	0.483755	0.650578	-1.53709		0.191446	2.30581	2.30581	0.0207805	5.37212	5.37212	0.579099	1.4028	1.4028	0.0519212	3.80373	3.80373	2.83607	16.39	5.137	1
cg24100115	FLOT1	0.0784774	0.965491	1.02487	1.02487	0.00317668	10.5517	10.5517	0.0340763	4.23923	4.23923	0.781709	1.17637	1.17637	0.853505	0.8975434	-1.11415		0.2516254	2.01443	2.01443	0.3340051	1.79071	1.79071	0.1191131	2.536573	2.53673	0.86118	0.902721	-1.10778	2.83606	15.3592	4.81395	1
cg10512951	LMBRD1	0.0784785	0.151944	0.4856044	-2.05929	0.1693882	1.99168	1.99168	0.485907	1.39547	1.39547	0.243508	0.5630380	-1.77592	0.0206154	0.2692221	-3.71441		0.131427	0.464668	-2.15207	0.0538509	0.356933	-2.80165	0.723223	1.18217	1.18217	0.0699048	0.385261	-2.59565	2.83604	9.94874	3.31819	1
cg14394939	BTG3;BTG3	0.0784801	0.388215	0.7888606	-1.26774	0.07308801	0.584937	-1.70958	0.4564145	0.8157897	-1.22581	0.928025	1.02627	1.026271	0.105798	0.6225547	-1.60631		0.2379188	0.717757	-1.39323	0.00494	0.3683631	-2.72471	0.0250225	0.4809065	-2.07472	0.9401458	0.1980061	-1.02034	2.83602	2.32326	1.01938	1
cg26891494	ZNF365;ZNF365	0.0784805	0.101282	0.335685	-2.97899	0.0460436	0.248861	-4.01831	0.0952247	0.327837	-3.0503	0.138826	0.379349	-2.6361	0.0859427	0.315234	-3.17225		0.35152	0.558054	-1.79194	0.00568377	0.1100481	-9.08692	0.682646	1.28414	1.28414	0.217696	0.4543382	-2.20301	2.83601	16.6236	5.21031	1
cg27326226	GIR2	0.0784817	0.986332	1.00236	1.00236	0.449734	1.93049	1.93049	0.0938027	1.49463	1.49463	0.110521	1.31708	1.31708	0.17905	0.79767	-1.25365		0.0202138	1.55822	1.55822	0.3440943	1.21243	1.21243	0.0428295	1.44624	1.44624	0.2243121	1.23415	1.23415	2.83599	1.12657	0.3531001	1
cg07598580	COL24A1	0.0784821	0.137072	2.42727	2.42727	0.0104655	5.91022	5.91022	0.0407204	3.49568	3.49568	0.0417266	3.76204	3.76204	0.167664	2.619435	2.63935		0.0755628	2.97497	2.97497	0.025884	4.29078	4.29078	0.0733991	3.05497	3.05497	0.125828	2.409156	2.83599	13.6432	4.27621	1
cg09961550	SLC7A5P2	0.0784821	0.0442058	7.55204	7.55204	0.0858869	5.26003	5.26003	0.0765729	5.60113	5.60113	0.0998117	4.84274	4.84274	0.356682	0.436411	-2.29142		0.0659795	6.07497	6.07497	0.0586653	6.47597	6.47597	0.399714	2.12557	2.12557	0.0245971	10.3972	10.3972	2.83599	34.3621	10.7702	1
cg14200574	KCNA3	0.0784824	0.0777102	4.2223	4.2223	0.0109458	3.39729	3.39729	0.0313331	2.21444	2.21444	0.0880918	2.10964	2.10964	0.0126462	1.955649	-2.55649		0.1116215	3.36536	3.36536	0.0243806	3.23556	3.23556	0.0533484	1.87447	1.87447	0.089922	0.992732	-1.00752	2.83598	24.9825	6.89599	1
cg20453985	HDAC4	0.0784825	0.370972	0.702945	-1.42259	0.0194408	0.338231	-2.95656	0.591781	1.23084	1.23084	0.25565	1.57667	1.57667	0.0844055	0.2749667	-3.63679		0.3611044	0.697528	-1.43363	0.706273	0.8647921	-1.15635	0.56217	1.7986311	-1.25214	0.1210151	0.5246607	-1.90619	2.83598	6.61229	2.07251	1
cg08905239	UNC5B Cbrf128;TMEM88;TMEM88;TMEM88;TMEM88;	0.0784832	0.974408	0.988871	-1.01125	0.177457	1.64877	1.64877	0.0445659	2.23594	2.23594	0.0591479	2.10293	2.10293	0.993072	0.996976	-1.00303		0.883346	0.950069	-1.05256	0.146007	0.580142	-1.72372	0.351332	1.39743	1.39743	0.0112795	3.02597	3.02597	2.83597	5.46655	1.7194	
cg21984310	TMEM88;TMEM88B	0.078485	0.262387	1.1744	1.1744	0.449201	1.11197	1.11197	0.441774	1.11334	1.11334	0.633409	0.936039	-1.06833	0.465274	1.10764	1.10764		0.360671	1.138	1.138	0.0364255	1.75668	1.75668	-1.3973	0.143093	1.24107	1.24107	0.00856566	1.58622	1.58622	2.83596	0.849983	0.266416	1
cg20407792	TNK8	0.0784858	0.0695973	2.423264	-2.36269	0.0107975	0.407769	-2.10926	0.127901	0.48807	-2.00775	0.992775	0.996173	-1.00384	0.0169735	0.2104421	-3.43111		0.0636471	0.413205	-2.42011	0.0387289	0.2703178	3.6629994	-2.75487	0.0324001	0.344214	-2.88839	0.949342	0.973453	-1.02727	2.83593	8.05444	2.52457	1
cg12640394	DYDC1;DYDC2	0.0784863	0.0270622	0.377134	-2.65158	0.0618546	2.18916	2.18916	0.533518	1.26636	1.26636	0.0357415	0.402329	-2.48553	0.0471718	0.492025	-2.33086		0.912191	1.04196	1.04196	0.535069	0.79132	-1.26371	0.707791	0.8691002	-1.15061	0.7598804	0.8920227	-1.12104	2.83592	6.23531	1.95439	1
cg26406570	TPPP	0.0784871	0.136043	2.09194	2.09194	0.0070436	4.95594	4.95594	0.110982	2.32078	2.32078	0.0566232	2.68525	2.68525	0.0619349	2.344284	-2.44507		0.148756	2.03721	2.03721	0.1837227	0.6621792	-1.51017	0.0595356	2.656993	2.65692	0.623406	1.25534	1.25534	2.83591	9.48282	2.97229	1
cg24641824	CALD1;CALD1;CALD1;CALD1;CALD1	0.0784882	0.274174	1.51946	-1.92508	0.0046154	0.114205	-8.76618	0.0867367	0.5365555	-2.97128	0.696757	1.25286	1.25286	0.0873953	1.324776	-2.96318		0.707031	1.804658	-1.24276	0.1193966	0.4802238	-2.49851	0.862012	0.9040708	-1.10533	0.0498838	0.2579992	-3.62329	2.8359	14.8819	4.664611	1
cg02183491	FARP1 AGTRAP;AGTRAP;AGTRAP;AGTRAP;AG	0.0784891	0.727279	0.938606	-1.06541	0.316224	1.20625	1.20625	0.831959	1.0392	1.0392	0.0874856	1.40689	1.40689	0.193579	0.779624	-1.28267		0.709199	0.934454	-1.07014	0.563521	1.11146	1.11146	0.00630317	1.90377	1.90377	0.0545961	1.48377	1.48377	2.83588	1.47087	0.461034	1
cg21046793	TRAP	0.0784899	0.0128882	2.283656	-2.53254	0.153093	0.516006	-1.86704	0.105877	0.486376	-2.05602	0.350055	0.675346	-1.48072	0.0164566	0.302368	-3.30722		0.10935	0.904052	-1.03894	0.0230717	0.329931	-3.03094	0.187061	0.565148	-1.76945	0.33442	0.666144	-1.50118	2.83587	7.47948	2.3444	1
cg19947262	CLINT1	0.0784902	0.5556227	1.13495	1.13495	0.0799551	1.31091	1.31091	0.0570567	1.31598	1.31598	0.464644	0.8823786	-1.13345	0.7174849	1.17489	1.17489		0.9137111	1.10796	1.10796	0.3981913	0.85805	-1.16543	0.587731	0.915889	-1.09183	0.8259579	0.9190608	1.08312	2.83587	1.15	0.362711	1
cg02537913	LASP1	0.0784965	0.184218	0.791041	-1.26416	0.832428	1.03589	1.03589	0.14077	0.76824	-1.30168	0.179083	0.788583	-1.2681	0.834332	0.965748	-1.03547		0.00818345	1.75614	1.75614	0.678621	0.933011	-1.0718	0.0745957	0.718543	-1.39171	0.923504	1.016111	1.01611	2.83577	1.24377	0.389667	1
cg14805868	ZDHHC9;ZDHHC9	0.0784986	0.154471	0.957722	-2.52671	0.0139893	0.157918	-6.33239	0.280971	0.79529	-1.95279	0.9747	1.01947	1.019471	0.0155474	0.2705374	-3.69612		0.058128	0.271889	-3.67797	0.751011	0.221361	0.216754	1.36037	1.360397	0.865293	0.901895	-1.10878	2.83574	16.6105	5.20671	1
cg19036644	MED31;C17orf100;MED31	0.0785018	0.1483813	0.803262	1.76493	0.0625516	1.9451	1.9451	0.0733133	1.32585	1.32585	0.0718582	1.48602	1.48602	0.0245227	1.624522	-2.55771		0.2859405	1.154644	1.154644	0.5413302	0.8556182	-1.16851	0.6169	0.7310125	1.204995	0.2357795	0.845085	-1.18331	2.8359	0.97088	0.28083	1
cg27201775	KIAA0182;KIAA0182	0.078505	0.678272	1.54629	1.54629	0.00571035	44.1208	44.1208	0.00661027	39.806	39.806	0.873253	1.18153	1.18153	0.855815	1.20931	1.20931		0.613274	1.70319	1.70319	0.825267	1.2599	1.2599	0.577077	1.80154	1.80154	0.3718561	2.60647	2.60647	2.83565	49.0298	15.3693	1
cg25504616	UBE2D1	0.0785062	0.253414	0.688875	-1.45164	0.120418	1.72027	1.72027	0.0534613	1.8698	1.8698	0.0774435	1.922778	1.922778	0.0417678	1.082848	1.082848	1.00398	0.1708964	1.00398	1.00398	0.9974634	0.9998424	1.000635	0.201705	0.3693222	1.83864	2.83564	4.384644	1.37446	1
cg21869524	C5orf27	0.0785077	0.333064	-1.18357	1.18357	0.563675	0.90617	-1.10355	0.0850605	0.754114	-1.39704	0.443293	1.13429	1.13429	0.83486	-1.03586	-1.03586		0.507419	0.892694	-1.12021	0.0037201	0.193755	1.93755	0.637455	0.933576	-1.07115	0.463801	1.13412	1.13412	2.83561	1.27947	0.401081	1
cg00741954	GM05	0.0785093	0.927642	1.05617	1.05617	0.0121382	6.56087	6.56087	0.0221893	5.20588	5.20588	0.854334	0.8953132	-1.11693	0.159964	0.405188	-2.46799		0.920418	0.941617	-1.062	0.521966	1.47774	1.47774	0.163919	0.409099	-2.4444	0.91104	1.06956	1.06956	2.83558	16.2597	5.09702	1
cg12679308	CUX1;CUX1;CUX1	0.0785098	0.477882	1.631613	1.631613	0.0978226	1.4676	1.4676	0.170122	1.37012	1.37012	0.0448703	1.844437	1.844437	0.0386378	-1.12819	0.5353123	0.887365	-1.12648	0.3981985	0.8875102	-1.17548	0.1409355	0.429013	-1.58046	0.1882093	0.8507182	-1.17548	2.83556	1.22706	0.70828	1
cg19518452	LZTR1	0.0785125	0.0299858	0.51902	-1.92671	0.0400055	0.543515	-1.83988	0.986926	0.9958	-1.00422	0.782208	1.07378	1.073778	0.0757782	1.66142	1.66142		0.0566219	0.574485	-1.74069	0.301165	1.31677	1.31677	0.386625	0.796152	-1.35604	0.923956	1.02483	1.02483	2.83554	2.96318	0.928003	1
cg14732107	PBRT1 RAB27A;RAB27A;RAB27A;RAB27A;RAB	0.0785125	0.1398156	1.891601	1.891601	0.00494252	4.81726	4.81726	0.0110733	3.04016	3.04016	0.0461553	1.94087	1.94087	0.1929	1.7896	1.7896		0.1628224	3.1925	3.1925	0.304539	1.5688	1.5688	0.1436851	2.704302	2.70402	0.0107727	2.53123	2.53123	2.83552	1.14805	0.405202	1
cg08769189	27A;RAB27A	0.078513	0.272004	0.66501	-1.50338	0.0405713	0.443202	-2.25265	0.0100645	0.31395	-3.18532	0.507093	0.813945	-1.22908	0.0705026	0.6941	-1.44041		0.338654	0.707942	-1.41263	0.0120704	0.327452	-3.05388	0.4619003	0.924148	-1.0838	0.2210295	0.632037	-1.58219	2.83553	5.71364	1.79113	1
cg09439116	SEC11C	0.0785182	0.255182	1.18524	1.18524	0.0373546	1.39145	1.39145	0.0463194	1.76655	1.76655	0.164856	1.23631	1.23631	0.823789	1.030975	1.030975		0.224661	1.20016	1.20016	0.577179	1.08291	1.08291	0.28706	1.147511	1.17511	0.0177036	1.51084	1.51084	2.83552	0.9190608	0.288112	1
cg14929805	WISP1;WISP1 FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGF	0.0785137	0.640521	0.881418	-1.13454	0.469097	1.21857	1.21857	0.897437	0.965981	-1.03522	0.125578	1.56033	1.56033	0.976769	0.992216	-1.00785		0.0455654	0.540459	-1.85028	0.00588382	2.63083	2.63083	0.738496	0.9140002	-1.09409	0.833127	0.944948	-1.05826	2.83552	3.23479	1.01405	1
cg17337672	R2;FGFR2;FGFR2;FGFR2	0.0785148	0.718779	0.787206	-1.27031	0.1724655	2.61389	2.61389	0.283952	2.08869	2.08869	0.0306345	3.36809	3.36809	0.33143	1.90777	1.90777		0.0393859	4.84014	4.84014	0.0319767	7.45214	7.45214	0.0308241	5.35443	5.35443	0.178544	2.57464	2.57464	2.8355	19.6613	6.16354	1
cg16200617	BCYRN1;GUB1;GUB1	0.0785162	0.0713463	0.324369	-3.08291	0.00708633	0.142977	-6.99412	0.039246	0.263542	-3.79446	0.590047	0.743349	-1.34526	0.320239	0.563179	-1.77563		0.0966742	0.360782	-2.77175	0.0399468	0.265168	-3.7712	0.115776	0.384553	-2.60042	0.7695558	0.8488556	-1.17847	2.83548	14.0341	4.39953	1
cg14855841	CXCL10;ART3	0.0785163	0.0823913	3.57135	-3.57135	0.0638438	0.279727	-3.57135	0.0699227	0.4599	-2.17454	0.0396302	0.436242	-2.29161	0.0270658	0.3704213	-2.69961		0.8830657	1.1975	1.1975	0.2405108	0.4966917	-2.01373	0.0951466	0.5512222	-1.81402	0.2152574	0.4646451	-2.15251	2.83547	2.45418	0.75838	1
cg14737131	CNNM2;CNNM2;CNNM2	0.0785171	0.810803	1.07936	1.07936	0.0128603	2.67419	2.67419	0.108151	1.74743	1.74743	0.348754	1.35975	1.35975	0.0127404	2.67699	2.67699		7	7	7	0.996338	0.986652	-1.01353	0.783927	0.916195	-1.09147	0.1366065	1.665551	1.665551	2.83707	4.09809	1.42752	1
cg27886164	GNL2	0.0785233	0.299708	0.651441	-1.53556	0.0625516	1.9451	1.9451	0.0733133	1.32585	1.32585	0.0718582	1.48602	1.48602	0.0245227	1.624522	-2.55771		0.2859405	1.154644	1.154644	0.5413302	0.8556182	-1.16851	0.6169	0.7310125	1.204995	0.2357795	0.845085	-1.18331	2.8359	0.97088	0.28083	1
cg15408360	DYNC1H1	0.0785238	0.27346	0.545485	-1.83323	0.010106	0.178023	-5.61725	0.0719131	0.29377	0.91077	0.560328	0.731134	-1.36774	0.106971	0.39226	-2.54933		0.6004994	0.755022	-1.32446	0.051866	0.3083553	-3.24304	0.362449	0.6078972	-1.64508	0.2823238	0.5519978	-1.81167	2.83537	12.6999	3.98143	1
cg05160315	ATP2A1;ATP2A1	0.0785252	0.844809	1.05972	1.05972	0.0165616	0.833945	-1.19912	0.681101	0.845658	-1.18251	0.599161	0.806465	-1.24007	0.0904374	0.3231131	-4.5422		0.9619197	1.04146	1.04146	0.6196	0.9999999	1.000001	0.9999999	0.9998424	1.000635	0.9999999	0.9998424	1.000635	2.83537	0.704339	2.02873	1
cg14867383	TAP2;TAP2	0.0785246	0.292475	1.26013	2.26003	0.57299	0.846546	-1.1181	0.2844	0.70998	-1.40819	0.0438	1.04188	1.041188	0.0349	1.29703	1.29703		0.254599	1.28627	1.28627	0.647599	1.10231	1.10231	0.0095473	0.49922	-2.00313	0.0436665	0.611577	-1.63512	2.8536	2.20123	0.630524	1
cg24314026	FAM83D	0.078525	0.023394	0.817455	-1.22331	0.628677	0.964387	-1.03693	0.960256	0.996299	-1.00372	0.442605	1.05999	1.05999	0.093282	1.20869	1.20869		0.690799	1.0302	1.0302	0.0517662	0.848132	-1.17906	0.270268	1.08918	1.08918	0.437937	0.94282	-1.06065	2.83535	0.248672	0.0779593	1
cg13880266	VAV2;VAV2	0.0785258	0.185305	0.648314	-1.54257	0.0759166	0.580373	-1.7601	0.109777	0.7212	-1.38673	0.0648	1.64726	1.690301	0.0891666	-1.1151	0.8973529	0.738482	-1.35439	0.6042186	0.5757246	-1.73703	0.4744135	0.492892	-2.03001	0.2798	0.4744135	-2.10741	0.4744135	2.83534	3.68071	1.15392	1
cg17509872	VPS37A;VPS37A;CNOT7;CNOT7	0.078526	0.0441132	0.632514	-1.58099	0.563648	0.89272	-1.12017	0.383852	0.84065	-1.18956	0.164715	0.749655	-1.33395	0.852806	0.964538	-1.03677		0.8683865	1.03277	1.03277	0.2214601	0.5844448	-1.71102	0.0611131	0.498768	-2.00494	0.827274	0.95841	-1.0434	2.83533	1.69603	0.531996	1
cg21756693	CPNE3	0.0785313	0.127345	0.654334	-1.52897	0.0624805	0.582079	-1.71535	0.0110816	0.44578	-2.24328	0.976377	0.992406	-1.00765	0.0097738	0.4313344	-2.31834		0.686154	0.902734	-1.10824	0.655597	0.8908458	-1.12251	0.6636589	0.815287	-1.22655	0.3788091	-1.13883	2.83528	2.74244	0.8925519	1
cg08176277	SPSB3	0.0785332	0.332871	0.6984094	-1.43161	0.3658	0.877007	-1.14024	0.232972	0.6381015	-1.56715	0.244914	0.6464014	-1.54795	0.3013693	0.4142579	-2.41359		0.0270444	0.39051	-2.56075	0.1340463	0.3307799	-3.02317	0.0896908	0.916648	-1.09093	0.0717272	0.485649	-2.059	2.83523	3.79426	1.81659	1
cg01507665	AVP2	0.0785336	0.019871	0.210991	-4.73955	0.0101811	0.166399	-6.00965	0.151217	0.426913	-2.3424	0.73044	0.825546	-1.21132	0.188328	0.462343	-2.1629		0.23579	0.502782	-1.98804	0.04363	0.276987	-3.61018	0.0731478	0.328047	-3.04834	0.0980616	0.366299	-2.73001	2.83522	13.7534	4.3119	1
cg14180397	HLA-DMA	0.0785353	0.0256509	2.1494	-3.9798	0.3658	0.877007	-1.14614	0.476501	0.781054	-1.28004	0.3732	0.8189	1.0189	0.0402	1.2313	1.2313		0.1955144	1.13675	1.13675	0.3978962	1.2313	1.2313	0.0604227	1.00015	1.00015	0.5153381	0.9827203	-1.07853	2.83522	0.3683	0.184858	1
cg20091384	GNG7	0.0785354	0.7265319	0.890421	-1.12306	0.601556	1.18502	1.18502	0.558128	1.21622	1.21622	0.182895	1.59543	1.59543	0.213017	0.648256	-1.5426		0.195144	0.63578	-1.57287	0.0106546	0.3460323	-2.88898	0.0870516	0.535503	-1.8674	0.15672	0.64981	1.64981	2.8352	4.90543	1.53795	1
cg12712775	TSPAN15	0.0785425	0.790388	0.965679	-1.03559	0.0161632	0.679956	-1.47068	0.182186	0.836935	-1.19511	0.0845638	-1.18251	0.599161	0.8064651	-1.24007	0.2943574	0.8233137	0.8394657	-1.19145	0.4170966	0.8003704	-1.24971	0.2022222	0.53599	-1.86502	0.1555789	0.8312291	1.10132	1.10132	2.83519	7.73102	2.32972	1
cg15733599	LOC642587	0.078543	0.585172	1.15994	1.15994	0.178188	0.680395	-1.46973	0.0885321	0.405164	-2.46814	0.92268	1.02648	1.026484	0.0754708	1.587464	1.70223		0.318461	0.750205	-1.33297	0.0535849	0.542798	-1.84231	0.0778422	0.244187	-2.23151	0.429193	0.7985551	-1.25227	2.83518	1.43884	1.00385	1
cg05304507	FRK	0.0785459	0.0312455	0.136191	-7.34263	0.191606	0.336038	-2.97585	0.0896275	0.228525	-4.37596	0.183832	0.328827	-3.04111	0.0238738	0.119249	-8.38582		0.0459105	0.164494	-6.07926	0.0165505	0.0993347	-10.067	0.197049	0.341026	-2.93232	0.0870748	0.2252275	-4.43901	2.83504	27.9397	8.76013	1
cg18359562	BRPF1;BRPF1	0.0785483	0.498169	1.08777	1.08777	0.144327	1.41151	1.41151	0.0497977	1.76014	1.76014	0.0108777	2.00856	2.00856	0.0191666	-1.1129	0.8944314	0.8233137	0.8394657	-1.19145	0.4170966	0.8003704	-1.24971	0.2022222	0.53599	-1.86502	0.1555789	0.8312291	1.1163	1.1163	2.83503	0.8735341	0.2744441	1
cg24724661	LOH12CR1;LOH12CR2	0.0785386	0.32763	0.858042	-1.16544	0.293518	0.847814	-1.1795	0.542334	1.09795	1.09795	0.0623687	0.727724	-1.37415	0.0385985	0.55442	-1.80369		0.704566	0.943917	-1.05941	0.925145	1.01434	1.01434	0.550414	0.91244	-1.09596	0.217321	1.21733	1.21733	2.83515	1.03079	0.323177	1
cg04648814	PAN1;LOC100288770;PAN3	0.0785389	0.03868119	0.744117	1.34423	0.0127223	3.12323	3.12323	0.0178002	3.32077	3.32077	0.0269207	2.77551	2.77551	0.0284911	2.502018	2.502018		0.2045634	2.09209	2.09209	0.1010818	0.8107	-1.23354	0.0224155	0.2244	-4.45633	0.0178702	0.2722672	-3.67351	2.83512	1.17483	0.412016	1
cg04494136	CTBP2;CTBP2;CTBP2	0.0785393	0.225112	1.88356	1.88356	0.105132	2.41086	2.41086	0.946494	0.967199	-1.03392	0.100494	2.44527	2.44527	0.992245	0.9951182	1.00484		0.1828202	2.0189	2.0189	0.00601576	5.95181	5.95181	0.0208596	3.98266	3.98266	0.803294	1.13205	1.13205	2.83514	11.0897	3.47691	1
cg25599786	PDCD6	0.0785394	0.702047	1.20269	1.20269	0.00251001	7.50376	7.50376	0.214983	1.8715	1.8715	0.429546	1.47285	1.47285	0.644255	1.24906	1.24906		0.144755	0.471389	-2.12139	0.452754	1.4438	1.4438	0.996459	0.997871	-1.00213	0.6866088	0.8230372	-1.21501	2.83514	10.3524	3.24574	1
cg00422452	XPNPEP2	0.0785407	0.8559312	1.04599	1.04599	0.0155561	0.679157	-1.47163	0.0430013	0.3984	-2.50989	0.0216	1.64042	1.642042	0.0122977	2.010994	2.010994		0.2104565	2.09209	2.09209	0.1010818	0.8107	-1.23354	0.0224155	0.2244	-4.45633	0.0178702	0.2722672	-3.67351	2.83513	1.17483	0.412016	1
cg01141721	SRC;SRC	0.0785419	0.1126659	0.427793	-2.33758	0.2150058	0.526402	-1.89969	0.0173588	0.240625	-4.15585	0.187433	0.503104	-1.98766	0.0442924	0.321103	-3.11427		0.0565034	0.345885	-2.89113	0.0641521	0.3595573	-2.78108	0.447672	1.46304	1.46304	0.0603948	0.352913	-2.83356	2.8351	10.856	3.40367	1
cg12712775	TSPAN15	0.0785425	0.790388	0.965679	-1.03559	0.0161632	0.679956	-1.47068	0.182186	0.836935	-1.19511	0.0845638	-1.18251	0.599161	0.8064651	-1.24007	0.2943574	0.8233137	0.8394657	-1.19145	0.4170966	0.8003704	-1.24971	0.2022222	0.53599	-1.86502

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T-vs-N)	p-value(111T vs. N)	Fold-Change(111T-vs-N)	p-value(112T vs. N)	Fold-Change(112T-vs-N)	p-value(121T vs. N)	Fold-Change(121T-vs-N)	p-value(121T vs. Change(2 vs. N)	Fold-2T vs. N)	p-value(347T vs. N)	Change(347T-vs-N)	p-value(353T vs. N)	Change(353T-vs-N)	p-value(537T vs. N)	Fold-Change(537T-vs-N)	p-value(537T vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T-vs-N)	F(Error)
cg26065841	CHAC1;CHAC1	0.0786358	0.0882816	1.53663	1.53663	0.6362284	1.7438	1.7438	0.0783993	1.56274	1.56274	0.0939839	1.52269	1.52269	0.0413094	1.71161	1.71161	0.137359	1.44106	1.44106	0.00910281	2.12801	2.12801	0.122442	1.46552	1.46552	0.191767	1.37101	1.37101	0.273571	2.34004	0.734032	1
cg02016642	PRDM4	0.0786385	0.340053	0.814479	-1.22778	0.88884	1.00292	1.00292	0.0797735	0.666461	-1.50046	0.52915	1.14231	1.14231	0.540154	0.8785597	1.13818	0.3404442	1.22756	1.22756	0.488554	0.863426	-1.15818	0.366909	0.824115	-1.21342	0.00279964	0.423305	-2.36236	0.83367	1.95473	0.613176	1
cg17458357	MRPS14	0.07864	0.051873	0.180153	-5.55083	0.0251022	0.126919	-7.87905	0.0445672	0.167467	-5.97134	0.958614	0.960592	-1.04102	0.0331988	0.145316	-6.83154	0.200941	0.351175	-2.84758	0.0250074	0.126586	-7.89355	0.97611	1.02347	1.02347	0.2388444	0.384524	-2.60062	0.283365	2.95985	0.45037	1
cg13647136	USP41;USP4	0.0786403	0.4987372	1.11984	1.11984	0.1329458	1.30632	1.30632	0.7790201	1.04946	1.04946	0.00146116	1.23292	1.23292	0.386856	1.15743	1.15743	0.613283	1.08763	1.08763	0.552099	1.1041	1.1041	0.813449	0.965785	-1.03973	0.2284435	1.23165	1.23165	0.283664	1.21929	0.3824811	1
cg16163168	LOC100130691	0.07864	0.801533	0.886929	-1.12749	0.3382111	3.14044	3.14044	0.511132	1.3735	1.3735	0.8578	1.12452	1.12452	0.335877	1.6044	1.6044	0.163075	2.03251	2.03251	0.0214503	1.73991	3.72991	0.007166778	5.22789	5.22789	0.181921	1.96405	1.96405	0.23662	10.1856	3.19515	1
cg03417213	C1orf115	0.0786421	0.221301	1.37998	1.37998	0.0422769	8.60665	8.60665	0.0796855	0.6946394	5.46636	5.46636	0.6624262	0.948151	6.948151	0.825859	1.2259	0.3229	1.2259	1.2259	0.6480993	1.52921	1.52921	0.0323526	10.136	10.136	0.0106535	19.4103	19.4519	0.0766323	6.174612	6.23962	38.3436	12.0282	1
cg02938179	BOD1;BOD1	0.0786425	0.7086656	0.9144612	-1.0936	0.515705	0.854616	-1.17012	0.0106086	2.15123	2.15123	0.857888	0.958174	-1.04365	0.040166	0.568249	-1.75979	0.81982	0.947068	-1.05589	0.903523	1.02933	1.02933	0.0577608	1.66765	1.66765	0.419529	1.21726	1.21726	0.831661	2.55001	0.799525	1
cg17341961	TNNC1;TNNC1	0.0786425	0.2400302	0.854702	-1.17	0.395811	1.26822	1.26822	0.115304	1.29914	1.29914	0.0368149	1.45168	1.45168	0.0610814	1.580375	1.580375	0.146514	1.26898	1.26898	0.157752	1.3938818	-1.2597	0.15944	1.33837	1.25837	0.37044	0.8988852	-1.15094	2.83161	1.04852	0.328916	1
cg27249280	CHADRP3	0.0786428	0.0693012	0.48614	-2.05703	0.0652433	0.905039	-2.08464	0.0188882	0.668738	-2.71196	0.180944	0.604015	-1.65559	0.296458	0.680979	-1.46847	0.0811036	0.503382	-1.98656	0.280807	1.48866	1.48866	0.621248	0.837974	-1.19335	0.0287989	0.400469	-2.49707	2.83361	5.6535	1.77347	1
cg06201680	WDR86	0.0786453	0.0215267	8.73022	8.73022	0.0112198	12.1037	12.1037	0.275096	2.43789	2.43789	0.169733	3.15139	3.15139	0.783813	1.24089	1.24089	0.0737677	4.77909	4.77909	0.813979	1.2032	1.2032	0.0643288	5.11002	5.11002	0.0474101	5.92989	5.92989	0.283357	27.6408	8.67091	1
cg05533511	ALS2CR12;ALS2CR12	0.0786461	0.110392	1.63767	-2.19226	0.0644897	0.915139	1.34183	0.0113403	2.041357	2.52234	0.160391	2.820308	0.557227	1.553527	0.6099251	2.155484	0.2744554	0.6650762	1.936339	1.936339	0.0284536	0.8729227	1.337612	1.337612	0.0939281	-1.11568	0.0329245	0.238171	-4.19867	2.833555	14.8432	4.656533	1
cg22742943	STARD7	0.0786466	0.23582	1.53863	1.53863	0.286209	1.33994	1.33994	0.0823553	1.66269	1.66269	0.752863	0.911183	-1.09747	0.0227294	0.4865242	-2.05532	0.614473	1.14361	1.14361	0.570203	0.859331	-1.1637	0.0511587	0.556756	-1.79612	0.179202	1.45789	1.45789	0.23555	3.13285	0.982778	1
cg26408895	ZIC1	0.0786472	0.594203	1.43118	1.43118	0.1038566	7.59463	7.59463	0.326851	1.96372	1.96372	0.213617	2.30366	2.30366	0.391453	1.79507	1.79507	0.152558	3.0026	3.0026	0.0797753	2.085372	-3.45332	0.0317956	3.81943	3.81943	0.0483312	0.76075	-1.31449	2.83554	15.9468	6.25798	1
cg05512099	PLEKHF1	0.0786487	0.807666	0.955594	-1.04647	0.1839455	1.42782	1.42782	0.393042	1.17608	1.17608	0.460889	0.869523	-1.15006	0.0181921	0.586253	-1.70575	0.149054	1.33399	1.33399	0.566439	0.8976931	-1.11397	0.181018	1.30277	1.30277	0.0872506	0.703531	-1.4214	2.83352	1.55651	0.488284	1
cg14952949	MYF5	0.0786488	0.752612	1.17675	1.17675	0.86867	1.08891	1.08891	0.890276	0.9314417	-1.07363	0.0428187	0.301193	-3.32013	0.728157	0.8358807	-1.19645	0.8822	1.07931	1.07931	0.211215	0.194882	-5.13513	0.0045081	0.352038	3.10031	0.300137	1.7379	1.7379	0.83552	11.8898	3.72988	1
cg27408897	DOK6	0.0786501	0.357536	1.33413	1.33413	0.3799708	1.12751	1.12751	0.837273	1.08688	1.08688	0.742092	0.634037	-1.57762	0.486839	1.22711	1.22711	0.28733	1.37905	1.37905	0.13755	0.606073	1.86342	1.86342	0.007207	2.72322	2.72322	0.119001	1.47999	1.47999	0.33149	1.74247	1.77352	1
cg07163547	RXRG;RXRG	0.0786543	0.0377556	0.526235	-1.90029	0.0253732	0.492558	-2.03013	0.00715517	0.396395	-2.52274	0.890868	0.964083	-1.03725	0.0945642	0.612686	-1.63168	0.393038	0.792052	-1.26254	0.182582	0.685998	-1.45773	0.88949	0.963635	-1.03774	0.846419	0.949645	-1.05303	0.833944	3.18581	0.999432	1
cg12163935	IRS1	0.0786556	0.942509	0.984449	-1.0158	0.629211	1.11553	1.11553	0.14633	1.40329	1.40329	0.140211	0.957031	0.01178	1.01178	0.4898834	0.858616	-1.16466	0.0133592	0.51382	-1.94621	0.0427132	0.620356	-1.66015	0.0755834	0.650643	-1.53694	0.111076	0.68579	-1.45827	2.83342	2.11874	0.664684	1
cg02534410	EPHA3;EPHA3	0.0786557	0.721171	1.21214	1.21214	0.4711372	0.674664	-1.48222	0.234636	0.5121011	-1.95273	0.9155564	0.944655	-1.05859	0.0670533	0.332218	-3.01008	0.758283	0.847291	-1.18021	0.00257955	0.106161	-9.41065	0.0895526	0.934435	-1.07016	0.0952268	0.373763	-2.67549	2.8334	12.9331	4.05736	1
cg22852309	ATP13A1	0.0786576	0.388342	1.17082	1.17082	0.2334585	1.62065	1.62065	0.0809596	1.41221	1.41221	0.31873	1.20179	1.20179	0.627508	0.916474	-1.09114	0.554392	0.898823	-1.11257	0.0218541	0.612149	-1.63359	0.290893	1.21592	1.21592	0.553673	1.11279	1.11279	0.83339	1.42778	0.447921	1
cg01084270	CAPSL;CAPSL	0.0786597	0.0365115	0.824852	-1.21238	0.483973	0.515005	1.94255	-2.69326	0.0406364	0.225628	-4.43207	0.6122777	1.39586	1.39586	0.0452894	2.224555	0.4774518	0.2884344	0.487108	2.05203	0.9944	0.9944	0.994942	1.22615	1.22615	0.352606	1.08085	-1.41661	0.0912597	0.297103	3.36383	2.83336	1.95	0.594443	1
cg21844474	NFATC2;NFATC2;NFATC2	0.0786602	0.0297501	0.44689	0.44689	0.0561313	0.67991	0.67991	0.124486	0.43679	0.43679	0.308478	0.350988	0.53098	0.350988	0.125022	0.47304	0.47304	0.209452	0.39418	0.39418	0.0838564	0.19202	0.19202	0.0675556	0.037229	0.01236	0.16823	3.16823	0.833355	3.14589	10.8501	1
cg13573371	LOC100128076	0.0786607	0.987841	1.07242	1.07242	0.7382256	1.14434	1.14434	0.244454	0.833153	-1.20013	0.5839963	0.713244	1.402134	0.4754845	0.5102152	1.960256	0.1964344	0.4475845	2.234	0.0505296	0.1654642	6.045367	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	1
cg09828580	LDB1;LDB1	0.0786614	0.0381676	1.82415	1.82415	0.0489313	1.75507	1.75507	0.715635	0.912534	-1.09585	0.215493	1.38568	1.38568	0.017756	0.4861476	-2.05687	0.9655555	1.01086	1.01086	0.576048	0.868204	-1.1518	0.994775	0.998363	-1.00164	0.533141	0.853923	2.17107	2.83333	2.8085	0.881098	1
cg25460652	ZNF211;ZNF211	0.0786634	0.702243	0.914627	-1.09334	0.628556	1.20635	1.20635	0.347588	1.25193	1.25193	0.133692	1.45615	1.45615	0.883108	0.9663397	-1.03477	0.127192	1.46701	1.46701	0.0477507	0.420212	-2.37975	0.718498	0.919341	-1.08774	0.526949	0.861629	-1.16059	2.8333	2.42205	0.759866	1
cg23793961	CLEC4C;CLEC4C	0.0786647	0.1513163	3.22716	3.22716	0.0482024	0.175781	-5.68888	0.333288	0.668805	-2.13307	0.605874	0.675808	-1.47973	0.0888407	0.4692044	-2.13192	0.258231	1.408467	-2.44813	0.0619901	0.188889	-5.02793	0.0157231	0.0996735	-10.0328	0.0454425	0.565316	-1.76353	2.83494	26.7021	6.855368	1
cg04263595	VTI1B	0.0786669	?	?	?	?	?	?	0.8054519	0.859836	-1.16301	0.461462	1.60479	1.60479	?	?	?	?	0.0289711	9.18234	9.18234	0.0389902	2.20764	2.20764	0.45824	13.5634	1.57513	1
cg13460073	SPIN3	0.0786698	0.890463	1.04464	1.04464	0.422775	1.2963	1.2963	0.195693	1.15147	1.15147	0.88942	1.05968	1.05968	0.124508	0.379059	2.751245	-1.31112	0.4488478	1.27726	1.27726	0.0615103	1.94657	1.94657	0.0800725	1.64393	1.61359	0.241338	1.51338	1.51338	0.52789	4.50567	1.44244	1
cg09868882	GRM8;GRM8;GRM8	0.078671	0.142644	2.718013	-1.39273	0.781996	0.943353	-1.06005	0.350482	0.817077	-1.22388	0.936119	1.01699	1.01699	0.329304	0.8092521	-1.23571	0.4081113	1.19467	1.19467	0.0518315	1.59228	1.59228	0.00909512	0.449821	-2.00719	0.340852	1.22917	1.22917	0.83119	1.98302	0.622156	1
cg21708259	SCARF1;SCARF1;SCARF1;SCARF1;SCARF1	0.0786729	0.1374535	0.616536	-1.62197	0.183006	0.652273	-1.5331	0.826483	0.935763	-1.06865	0.0985333	0.578181	-1.72956	0.156304	0.632167	-1.58186	0.652371	0.871856	-1.14698	0.0184003	2.37485	2.37485	0.131171	0.610875	-1.637	0.0855458	0.56285	-1.77667	2.83316	4.10358	1.28748	1
cg20553124	PNPLA1;PNPLA1;PNPLA1	0.0786743	0.891517	1.01089	1.01089	0.310912	0.92013	-1.0868	0.1526832	0.885476	-1.12934	0.220386	1.10771	1.10771	0.945582	0.896779	-1.1151	0.159738	0.887562	-1.12668	0.162053	0.885771	-1.12649	0.0035961	0.747464	-1.33786	0.460445	1.06148	1.06148	0.83314	0.282848	0.0887428	1
cg16696762	EEF2K	0.0786747	0.475251	1.08405	1.08405	0.7182	0.884554	1.13033	0.4003	1.48121	?	?	0.3445	0.6958786	1.437645	1.36259	0.3326	0.9334606	1.076207	1.076207	0.3138474	1.4619	1.4619	0.329044	1.63297	-1.58234	0.0515567	0.988154	1.01923	1.01923	1.10141	0.844577	1
cg21053015	SYNGR1;SYNGR1	0.0786771	0.135333	1.53547	1.53547	0.00919795	0.414377	-2.41326	0.451447	0.815144	-1.22678	0.269066	1.35886	1.35886	0.634199	1.13622	1.13622	0.494844	1.20282	1.20282	0.721053	0.908905	-1.10022	0.0455964	0.542978	-1.8417	0.585501	1.15802	1.8331	1.15855	0.999157	1
cg06570865	TRIM27	0.0786773	0.0886355	0.763997	-1.29972	0.747653	0.955946	-1.04608	0.315558	0.865166	-1.15585	0.103404	0.779891	-1.28223	0.0315345	0.703318	-1.42183	0.734258	0.953557	-1.0487	0.0126665	0.648887	-1.5411	0.239912	0.842193	-1.18738	0.0150984	0.65918	-1.51704	2.8331	0.8740408	0.274234	1
cg03775240	PT140	0.0786807	0.987841	1.07242	1.07242	0.7382256	1.14434	1.14434	0.244454	0.833153	-1.20013	0.5839963	0.713244	1.402134	0.4754845	0.5102152	1.960256	0.1964344	0.4475845	2.234	0.0505296	0.1654642	6.045367	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	1
cg09228580	MAGI1;MAGI1;MAGI1	0.0786782	0.0527177	2.71989	2.71989	0.499121	1.3658	1.3658	0.634961	1.24272	1.24272	0.0554679	2.68113	2.68113	0.847394	0.916183	-1.09148	0.083137	2.40546	2.40546	0.022818	3.44798	3.44798	0.0172786	3.7347	3.7347	0.0714355	2.49608	2.49608	0.83308	9.26302	2.9063	1
cg14561650	ERGIC1	0.0786787	0.6874501	1.09007	1.09007	0.1016027	0.81507	0.81507	0.0378067	1.83859	1.83859	0.0855	1.88101	1.88101	0.0482877	0.670584	-1.49125	0.6724406	1.3008	1.3008	0.0859505	1.4811	1.4811	0.0884766	1.47863	1.47863	0.0611487	1.38106	1.38106	0.113467	0.561148	0.2782838	1.44241	1
cg03428813	CCT4	0.0786792	0.199283	0.827096	-1.20905	0.361816	0.874701	-1.1402	0.05976	1.34627	1.34627	0.0220269	1.48787	1.48787	0.0447574	0.673557	-1.37353	0.284156	1.16852	1.16852	0.116574	1.26956	1.26956	0.548588	0.925811	-1.08013	0.410846	1.12492	1.12492	0.83307	0.87907	0.275813	1
cg21784383	ESRRG	0.0786817	0.0372964	15.3231	15.3231	0.0406927	14.4118	14.4118	0.0922879	8.10292	8.10292	0.144397	5.87325	5.87325	0.0333594	16.5729	16.5729	0.565022	0.518504	-1.92863	0.831832	1.2714	1.2714	0.0205889	23.3189	23.3189	0.436529	2.45047	2.45047	0.83303	57.2083	17.9496	1
cg25095351	LTS2	0.0786915	0.3167319	1.09011	1.09011	0.6108267	1.01507	1.01507	0.937069	0.8819	0.8819	0.889501	1.01101	1.01101	0.921094	1.0007	1.0007	0.7045	1.24306	1.24306	0.0479092	0.994479	-1.00555	0.185738	0.889538	-1.12414	0.83003	0.993262	1.00797	2.83332	1.00797	0.144241	1
cg03428411	CCT4	0.0786792	0.199283	0.827096	-1.20905	0.361816	0.874701	-1.1402	0.05976	1.34627	1.34627	0.0220269	1.48787	1.48787	0.0447574	0.673557	-1.37353	0.284156	1.16852	1.16852	0.116574	1.26956	1.26956	0.548588	0.925811	-1.08013	0.410846	1.12492	1.12492	0.83307	0.87907	0.275813	1
cg21784383	ESRRG	0.0786817	0.0372964	15.3231	15.3231	0.0406927	14.4118	14.4118	0.0922879	8.10292	8.10292	0.144397	5.87325	5.87325	0.0333594	16.5729	16.5729	0.565022	0.518504	-1.92863	0.831832	1.2714	1.2714	0.0205889	23.3189	23.3189	0.436529	2.45047	2.45047	0.83303	57.2083	17.9496	1
cg25095351	LTS2	0.0786915	0.3167319	1.09011	1.09011	0.6108267	1.01507	1.01507	0.937069	0.8819	0.8819	0.889501	1.01101	1.01101	0.921094	1.0007	1.0007	0.7045	1.24306	1.24306	0.0479092	0.994479	-1.00555	0.185738	0.889538	-1.12414	0.83003	0.993262	1.00797	2.83332	1.00797	0.144241	1
cg08172445	SGCE;SGCE;PEG10;SGCE;PEG10	0.0786835	0.390944	2.1149	2.1149	0.380812	2.15136	2.15136	0.0163	0.219661	-4.55247	0.195385	0.309548	-3.23051	0.0119861	0.6634616	-1.57576	?	?	?	?	?	?	?	0.985687	1.01534	1.01534	?	?	?	3.16529	2.53785	8.69058	1
cg26096752	LSM12	0.0786872	0.362794	1.08055	1.08055	0.6180658	1.03587	1.03587	0.8408	0.916583	-1.09144	0.7244	1.03583	1.03583	0.488014	0.894866	-1.11749	0.8093566	0.935771	1.07649	1.07649	0.4264	1.07649	1.07649	0.4264	1.07649	1.07649	0.4264	1.07649	1.07649	0.4264	1.07649	1.07649	0.4264	1.07649	1
cg19975560	MIR932;KIAA0226;KIAA0226	0.0786877	0.511948	0.822422	-1.21592	0.698784	0.891998	-1.12108	0.300259	0.729417	-1.37096	0.854741	1.05534	1.05534	0.0465173	0.511665	-1.95446	0.2076699	0.676733	-1.47769	0.00384179	0.318163	-3.14305	0.513379	0.822382	-1.21509	0.036062	0.488403	-2.04749	2.83294	3.87617	1.21622	1
cg17288551	ZNF292	0.0786894	0.2409944	0.778972	-1.2841	0.369799	1.06553	1.06553	0.0852415	1.14115	1.14115	0.0768288	1.05666	1.05666	0.8089351	1.065851	1.065851	0.1034427	0.6608088	0.660808	-1.51342	0.0119319	0.4288092	0.428809	-2.33119	0.0119319	0.4288092	0.428809	-2.33119	0.0119319	0.4288092	0.428809	-2.33119	0.0119319	1
cg07187973	PHLPP1	0.0786885	0.930502	1.0392	1.0392	0.613993	1.58501	1.58501	0.978725	0.81182	0.81182	0.0147437	0.72133	0.72133	0.0756204	0.670043	-1.49244	0.0718971	0.7074437	1.42326	1.42326	0.1559932	0.660421	-1.51419	0.0049756	0.327313	5.27313	0.040824	1.23012	1.23012	0.83293	8.71703	2.73514	1
cg01020477	LMO4	0.0786895	0.137188	1.38915	1.38915	0.3530753	0.636819	-1.57031	0.968739	0.991987	-1.00808	0.599224	0.896845	-1.11502	0.0266742	0.583218	-1.71463	0.204295	0.759546	-1.31658	0.0471639	0.627304	-1.59412	0.184059	1.33551	1.33551	0.455333	0.855461	-1.16896	2.83292	1.89124	0.593417	1
cg14590245	AKAP6	0.0786919	0.965111	1.03497	1.03497	0.8052283	1.08498	1.08498	0.588225	0.917449	-1.09006	0.5127447	1.21747	1.21747	0.0414629	0.821985	1.216107	0.373332	1.14481	1.14481	0.0752497	0.798489	-1.28454	0.0421473	0.748127	1.33551	1.33551	0.455333	0.855461	-1.16896	2.83292	1.89124	0.593417	1
cg06150148	LONRF2	0.0786908	0.0214156	0.21948	-4.6516	0.227989	0.20125	-2.02125	0.245687	0.500043	-1.96447	0.8919015	1.07854	1.07854	0.625287	0.760549	-1.31484	0.547492	1.40286	1.40286	0.0083954	0.152013	-6.57837	0.9476	1.03723	1.03723	0.251134	0.513348	-1.94799	2.8329	13.8757	4.35384	1
cg00732208	ZNF594	0.0786934	0.0462309	0.310547	-2.69808	0.675232	0.8189866	-1.21953	0.192828	1.92372	1.92372	0.542552	0.747905	-1.33744	0.3313261	0.6238516	-1.60304	0.0948584	0.414394	2.40272	0.0163004	0.239029	-4.1679	0.411229	0.6724097	-1.487	0.0212179	0.260466	-3.83927	2.83444	10.4185	2.67042	1
cg20959206	KIAA0226;KIAA0226	0.0786956	0.428251	1.15858	1.15858	0.4837975	0.5155504	1.94255	-2.69326	0.0406364	0.225628	-4.43207	0.6122777	1.39586	1.39586	0.0452894	2.224555	0.4774518	0.2884344	0.487108	2.05203	0.9944	0.9944	0.994942	1.22615	1.22615	0.352606	1.08085	-1.41661	0.0912597	0.297103	3.36383	2.83336	1.95	0.594443	1
cg13135456	PSMD7	0.0787029	0.1949	0.78712	-1.27045	0.332605	1.16236	1.16236	0.638355	0.931219	-1.07386	0.977142	1.10432	1.10432	0.0407284	0.78673	1.78673	0.31479	1.03595	1.03595	0.154021	0.794759	-1.25824	0.963026	1.007	1.007	0.355176	1.15393	1.15393	0.832722	1.01657	0.318993	1
cg27664393	SLTM;SLTM	0.0787031	0.305628	1.2883	1.2883	0.1458214	1.14183	1.14183	0.41707	1.18389	1.18389	0.245642	1.07233	1.07233	0.7923356	1.36549	1.36549	0.1044221	1.39147	1.39147	0.142315	0.539664	-1.87384	0.0144473	1.39147	1.39147	0.142315	0.539664	-1.87384	0.0144473	1.39147	1.39147	0.142315	0.539664	-1.87384	0.0144473	1
cg17435445	BAT2	0.0787046	0.2833388	0.802691	-1.24581	0.00739772	0.506376	-1.97482	0.0570009	1.52913	1.52913	0.270076	1.25415	1.25415	0.722112	1.07296	1.07296	0.991242	0.997838	-1.00217	0.944335	1.01387	1.01387	0.345701	1.21107	1.21107	0.25135	0.789522	-1.26659	2.83269	1.74458	0.547443	1
cg27314048	SNORA39;SNORA60;SNHG11	0.0787058	0.0229234	0.165513	-6.04181	0.0283129	0.192608	-5.18948	0.161793	0.38723	-2.58245	0.88739	0.91395	-1.09415	0.0619767	0.2632521	-3.79865	0.0240804	0.1938384	5.15938	0.0139504	0.1708483	-5.85563	0.0178934	0.0842421	-11.8452	0.0134906	0.143402	-6.97341	2.83268	18.0926	5.67742	1
cg06471548	FAM20C	0.0787083	0.690402	0.97051	1.07052	0.393427	0.860121	-1.16263	0.0743966	0.700893	-1.40866	0.174077	1.28304	1.28304	0.946926	0.1885911	1.01154	0.1327242	0.756087	1.3226	0.0285408	0.883003	0.974426	0.974426	0.129447	1.15249	0.0549422	0.921885	-1.08473	2.83264	1.33286	0.418255	1
cg01938651	FHL1;FHL1;FHL1;FHL1;FHL1	0.0787096	0.199596	1.86778	1.86778	0.884378	1.06918	1.06918	0.117362	0.455526	-2.19046	0.746101	1.16157	1.16157	0.0172891	0.2626696	-3.80668	0.02674	3.3535	3.3535	0.470264	0.712745	-1.40303	0.7067	1.19038	1.19038	0.374736	0.657042	-1.52197	2.83262	9.53438	2.99103	1
cg08824157	SKI	0.0787097	0.0294117	0.182944	-5.46917	0.0252147	1.73	1.73	0.126648	1.53626	1.53626	0.0172119	2.10173	2.10173	0.0162477	1.75984	1.75984	0.1232648	0.3242	3.0842	0.0426018	1.81679	1.81679	0.154181	1.4775	1.4775	0.236262	2.60788	2.60788	0.832321	1						
cg08834050	CUL7;CUL7;MIRPL2	0.0787102	0.0221826	0.189099	-5.52489	0.176969	0.408775	-2.44633	0.369177	0.56275	-1.77699	0.38046	0.518355	-1.92918	0.0209526	0.201131	4.97188	0.0304162	0.204754	4.8839	0.0416883	0.231397	-4.32158	0.0263476	0.169611	-5.89701	0.0138575	0.518574	-1.92837	2.83261	17.4324	5.47039	1
cg02079966	NSMCE2	0.0787108	0.0298801	0.184123	-5.42967	0.0252403	0.40694	-2.45934	0.374788	0.558771	-1.78951	0.381409	0.517284	-1.93211	0.0208312	0.2008598	4.97863	0.0434345	0.204598	4.88839

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20819617	PTK7;PTK7;PTK7;PTK7	0.0788194	0.0434755	0.21463	-4.65918	0.393608	0.560374	-1.78452	0.540722	0.663364	-1.50747	0.136425	0.345276	-2.89624	0.0856439	0.283908	-3.52227
cg01190692	RFX4	0.07882	0.252328	0.711356	-1.40577	0.223732	0.694837	-1.43919	0.0397985	0.508152	-1.96791	0.186098	0.6708	-1.49076	0.381851	0.774563	-1.29105
cg10116189	ANK1;ANK1;ANK1;ANK1;ANK1	0.0788204	0.586105	0.852278	-1.17333	0.67515	1.13036	1.13036	0.68553	0.888382	-1.12564	0.204688	1.47563	1.47563	0.00380065	0.321448	-3.11092
cg02769235	GJB1;BCYRN1;GJB1	0.0788219	0.194712	0.540631	-1.84969	0.28598	0.608465	-1.64348	0.313819	0.62685	-1.59528	0.348879	0.648964	-1.54092	0.0118524	0.244492	-4.09011
cg15522989	IQSEC2	0.0788233	0.6826	0.86587	-1.15491	0.0345547	0.421747	-2.37109	0.0182647	0.366588	-2.72786	0.268713	1.49708	1.49708	0.467789	0.771982	-1.29537
cg10780495	ENO1	0.0788239	0.254006	1.34565	1.34565	0.462544	1.20489	1.20489	0.318343	1.29311	1.29311	0.762537	1.07845	1.07845	0.51095	0.846895	-1.18078
cg27305342	MYL1;MYL1	0.0788266	0.468957	1.64484	1.64484	0.59343	0.694915	-1.43903	0.12254	0.322967	-3.09629	0.63554	1.38053	1.38053	0.889833	1.09813	1.09813
cg08542429	AGPAT1;AGPAT1	0.0788299	0.510905	1.10347	1.10347	0.602801	1.08061	1.08061	0.205977	0.821198	-1.21773	0.309604	0.856195	-1.16796	0.0193179	0.658513	-1.51857
cg14331899	CYBASC3;CYBASC3;CYBASC3	0.0788309	0.426946	0.70709	-1.41425	0.184991	0.548433	-1.82338	0.091704	0.452287	-2.21099	0.327236	0.649111	-1.54057	0.0154475	0.280923	-3.5597
cg06557683	ZNF135;ZNF135;ZNF135;ZNF135	0.0788326	0.0435171	0.421711	-2.37129	0.0180617	0.343612	-2.91026	0.0511607	0.43777	-2.28431	0.384108	1.39368	1.39368	0.249797	1.56419	1.56419
cg02835874	NRIP3	0.0788346	0.596045	1.48749	1.48749	0.0293552	6.71823	6.71823	0.0209141	7.8676	7.8676	0.42827	1.82259	1.82259	0.180433	0.347955	-2.87393
cg05911220	BAT5	0.0788383	0.686651	0.955343	-1.04674	0.610658	1.05955	1.05955	0.581689	0.939242	-1.06469	0.297299	1.12944	1.12944	0.501102	1.07996	1.07996
cg27456111	NRXN1;NRXN1;NRXN1	0.0788384	0.0343501	0.268861	-3.71939	0.451343	0.664731	-1.50437	0.275946	0.547112	-1.82778	0.913226	0.943643	-1.05972	0.046446	0.297075	-3.36615
cg22434906	KIAA1328;C18orf10	0.0788398	0.890757	1.02364	1.02364	0.0489992	0.682447	-1.46532	0.576757	0.908601	-1.10059	0.798787	0.957507	-1.04438	0.129372	0.756881	-1.32121
cg08044714	EEFSEC	0.0788411	0.581806	0.852607	-1.17287	0.515013	0.827578	-1.20835	0.847679	1.05667	1.05667	0.126419	0.62252	-1.60637	0.00166355	0.275394	-3.63116
cg24529814	PRDM16;PRDM16	0.0788413	0.522545	0.729009	-1.37172	0.0527313	0.341657	-2.92691	0.496435	0.714067	-1.40043	0.340828	1.61402	1.61402	0.00625752	0.175955	-5.68328
cg15637254	HDAC4	0.0788417	0.959075	0.977141	-1.02339	0.412907	1.45823	1.45823	0.69318	0.836363	-1.19565	0.252	1.71471	1.71471	0.00370223	0.170782	-5.8554
cg04754360	ZNF611;ZNF611;ZNF611	0.0788428	0.704849	1.14228	1.14228	0.407615	0.743713	-1.34461	0.396711	1.35442	1.35442	0.764776	1.11059	1.11059	0.00529694	0.27672	-3.61376
cg10679076	CYTSA;CYTSA;CYTSA;CYTSA	0.0788433	0.0267167	0.608101	-1.64446	0.830349	1.04149	1.04149	0.260864	0.800767	-1.2488	0.502958	0.879147	-1.13747	0.0278107	0.611001	-1.63666
cg23829990	UNC50	0.0788433	0.0356756	0.107483	-9.30379	0.408259	0.462237	-2.16339	0.0440216	0.121091	-8.25829	0.245311	0.329996	-3.03034	0.0188786	0.0746835	-13.3898
cg11413570	FNDC7	0.0788468	0.0674654	0.4092	-2.44379	0.184096	0.540908	-1.84874	0.647882	0.818289	-1.22206	0.243553	1.7026	1.7026	0.127153	0.487005	-2.05337
cg13479756	WDR8	0.078847	0.704049	0.94291	-1.06055	0.076281	1.35498	1.35498	0.0249042	0.662885	-1.50856	0.9099	0.982714	-1.01759	0.0385063	0.691246	-1.44666
cg01599460	FLJ40434	0.0788479	0.0515459	0.669971	-1.4926	0.23316	0.797775	-1.25349	0.496057	0.882575	-1.13305	0.383665	0.850915	-1.17521	0.417622	1.16149	1.16149
cg04887405	USP10;USP10	0.0788492	0.547461	0.950312	-1.05229	0.288679	1.0966	1.0966	0.122655	1.15032	1.15032	0.111062	0.864734	-1.15642	0.782181	1.02347	1.02347
cg09853898	HCN2	0.0788513	0.057337	6.37797	6.37797	0.127928	4.13025	4.13025	0.0536583	6.60843	6.60843	0.090978	4.97554	4.97554	0.0399761	7.73598	7.73598
cg24371536	HMGN3;HMGN3	0.0788519	0.118509	0.863136	-1.15857	0.0900185	0.8502	-1.17619	0.348097	0.919523	-1.08752	0.754858	0.973163	-1.02758	0.928908	1.00778	1.00778
cg18194292	TMEM45A	0.0788542	0.02792	0.828618	-1.20683	0.807495	1.01782	1.01782	0.847971	0.986206	-1.01399	0.480947	1.05321	1.05321	0.348591	1.07233	1.07233
cg19977428	CD22	0.0788543	0.0536562	0.522041	-1.91556	0.447002	0.794603	-1.25849	0.144979	0.628557	-1.59095	0.0750206	0.555362	-1.80063	0.0507672	0.516746	-1.93519
cg18274315	PDGFD;PDGFD	0.0788558	0.50294	0.809867	-1.23477	0.206934	0.661743	-1.51116	0.287807	0.710107	-1.40824	0.19073	1.53694	1.53694	0.117945	0.590587	-1.69323
cg08525922	VGLL4;VGLL4	0.0788604	0.0284453	0.247044	-4.04785	0.380346	1.62666	1.62666	0.55901	1.37641	1.37641	0.603455	0.753269	-1.32755	0.0179902	0.211378	-4.73086
cg23757094	SLC5A3;MRPS6	0.0788625	0.0037	0.20279	-4.9312	0.763571	0.884516	-1.13056	0.0547568	2.42597	2.42597	0.731839	0.869422	-1.15019	0.400702	1.41895	1.41895
cg05193570	TRIP13;TRIP13;BRD9;TRIP13;TRIP13;BRD9;BRD9	0.0788631	0.739582	0.925623	-1.08035	0.491192	0.85044	-1.17586	0.747118	1.07784	1.07784	0.709222	0.916874	-1.09066	0.816717	0.947633	-1.05526
cg04021884	ZNF33A;ZNF33A;ZNF33A;ZNF33A	0.0788656	0.158836	0.749611	-1.33403	0.237952	0.789336	-1.26689	0.147329	1.34656	1.34656	0.00983556	0.535566	-1.86718	0.0263773	0.604157	-1.6552
cg03587117	CNTN5;CNTN5	0.078866	0.21296	0.458051	-2.18316	0.914826	1.06576	1.06576	0.0432272	0.250513	-3.9918	0.121012	0.36757	-2.72057	0.00982123	0.143288	-6.97896
cg20200388	SAPS2	0.0788665	0.538296	0.897326	-1.11442	0.683867	1.07378	1.07378	0.0037036	0.50567	-1.97758	0.864426	1.03016	1.03016	0.0897575	0.722383	-1.38431
cg15651918	COPS6	0.0788667	0.0333827	1.60777	1.60777	0.173738	1.3184	1.3184	0.0520945	1.52505	1.52505	0.565771	0.895046	-1.11726	0.968284	1.00762	1.00762
cg14516632	LOC284232	0.078867	0.0568997	0.41544	-2.40709	0.0124522	0.281467	-3.55282	0.094342	0.472506	-2.11638	0.88732	0.943841	-1.0595	0.0666809	0.432488	-2.3122
cg21149804	CEP70	0.0788688	0.210039	0.856849	-1.16707	0.10394	1.23114	1.23114	0.0202254	1.3875	1.3875	0.175112	1.18371	1.18371	0.89205	1.01601	1.01601
cg06177555	SPN;SPN	0.0788697	0.0743472	0.38065	-2.62709	0.171567	0.493087	-2.02804	0.74508	0.853437	-1.17173	0.100969	2.3931	2.3931	0.287294	0.584662	-1.71039
cg01114224	MED12L;P2RY14	0.0788705	0.283566	0.579498	-1.72563	0.855866	0.914808	-1.09313	0.0650369	0.362574	-2.75805	0.38616	0.64723	-1.54505	0.0150505	0.231472	-4.32018
cg13190986	PXMP2;POLE	0.0788717	0.795633	0.959885	-1.04179	0.603932	0.920765	-1.08605	0.374825	1.15452	1.15452	0.817417	0.964179	-1.03715	0.359554	1.1602	1.1602
cg26466524	RAB6B	0.0788722	0.767808	1.16578	1.16578	0.222992	1.94143	1.94143	0.122367	2.38078	2.38078	0.803376	0.878753	-1.13798	0.0341381	0.277797	-3.59975
cg10448808	FOXC2	0.0788726	0.024484	39.7838	39.7838	0.337393	3.89371	3.89371	0.0781093	14.7377	14.7377	0.321225	0.24449	-4.09015	0.280076	0.213676	-4.67998
cg15278734	SLC10A7;SLC10A7	0.0788732	0.182373	1.1567	1.1567	0.00618276	0.692609	-1.44382	0.227772	0.877895	-1.13909	0.436404	0.921576	-1.0851	0.610161	0.948484	-1.05431
cg25098174	CYB561;CYB561;CYB561	0.0788761	0.121718	0.444563	-2.2494	0.190318	0.511608	-1.95462	0.0443487	0.327586	-3.05264	0.1175	0.43976	-2.27397	0.114565	0.436351	-2.29173
cg12814766	MAP3K9	0.078877	0.875365	1.05682	1.05682	0.319028	0.695864	-1.43706	0.537238	0.802536	-1.24605	0.86469	1.06189	1.06189	0.00749188	0.297582	-3.36042
cg15676226	CTBP2;CTBP2	0.078878	0.183035	0.798592	-1.2522	0.903931	1.01941	1.01941	0.0798901	1.36255	1.36255	0.907638	1.01865	1.01865	0.330891	1.17317	1.17317
cg10865238	GRIP1	0.0788792	0.196728	0.46442	-2.15322	0.156596	0.426784	-2.34311	0.995234	0.996649	-1.00336	0.873178	1.09392	1.09392	0.0689098	0.318575	-3.13898
cg11853811	LOXHD1;LOXHD1	0.0788799	0.352243	0.62987	-1.58763	0.282495	0.583181	-1.71473	0.0570577	0.35358	-2.82822	0.339672	0.621769	-1.60831	0.445393	0.686858	-1.45591
cg15174564	GRIK4	0.0788809	0.0893074	5.53345	5.53345	0.108678	4.9419	4.9419	0.329626	2.50599	2.50599	0.228223	3.17362	3.17362	0.275163	2.81992	2.81992
cg19880722	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.0788814	0.337613	0.905048	-1.10491	0.18122	0.866535	-1.15402	0.343961	0.9063	-1.10339	0.00673357	0.701461	-1.4256	0.0681273	0.813702	-1.22895
cg21397588	ATP2B4;ATP2B4	0.0788824	0.0509094	0.445814	-2.24309	0.196494	1.6423	1.6423	0.4234	0.743028	-1.34584	0.126533	0.548582	-1.82288	0.091932	0.509679	-1.96202
cg14978174	TIPARP;LOC100287227	0.0788869	0.548214	1.10254	1.10254	0.507982	0.897715	-1.11394	0.192637	0.801282	-1.248	0.837911	0.967626	-1.03346	0.687875	0.937174	-1.06704
cg02406092	PAF1	0.0788871	0.435462	0.747726	-1.33739	0.457174	1.3187	1.3187	0.454157	0.75686	-1.32125	0.038509	0.416492	-2.40101	0.0136731	0.328169	-3.04721
cg04559609	SLC30A7;SLC30A7;EXTL2;SLC30A7;SLC30A7;EXTL2	0.0788898	0.481492	1.1615	1.1615	0.358211	1.21859	1.21859	0.142618	1.39062	1.39062	0.225928	1.30483	1.30483	0.384172	0.829686	-1.20528
cg21845957	CKB	0.0788912	0.85882	0.970901	-1.02997	0.803056	0.959402	-1.04232	0.060261	0.703652	-1.42116	0.610549	1.08892	1.08892	0.997943	1.00043	1.00043
cg04829830	KIAA0284;KIAA0284	0.0788987	0.368085	1.24327	1.24327	0.0236183	0.529133	-1.88988	0.754257	0.928711	-1.07676	0.089503	0.643436	-1.55416	0.344598	0.795107	-1.25769
cg04759114	KCNQ1;KCNQ1	0.0788993	0.115473	0.530584	-1.88471	0.00749898	0.279513	-3.57765	0.0344565	0.401121	-2.49302	0.364672	0.708226	-1.41198	0.0497966	0.436601	-2.29042
cg26503653	DOCK2	0.078903	0.0493462	6.07582	6.07582	0.123421	3.82765	3.82765	0.0951084	4.37155	4.37155	0.154476	3.40729	3.40729	0.0227487	8.9598	8.9598
cg15769279	RNF214;RNF214	0.0789068	0.0253342	0.260414	-3.84003	0.361513	1.60754	1.60754	0.0168939	0.22879	-4.37082	0.513707	0.715206	-1.3982	0.61946	0.776182	-1.28836
cg08229358	NPHS2	0.0789079	0.0793118	3.71629	3.71629	0.0329516	5.37052	5.37052	0.489258	1.60544	1.60544	0.113305	3.19418	3.19418	0.988127	0.990022	-1.01008
cg13842800	PCCA;PCCA	0.0789107	0.117288	0.420587	-2.37763	0.0152993	0.219619	-4.55335	0.157598	0.46334	-2.15824	0.417282	0.655726	-1.52503	0.00690983	0.168656	-5.92924
cg24507739	MPV17	0.0789116	0.735301	1.16362	1.16362	0.317169	1.59474	1.59474	0.0186207	0.254456	-3.92995	0.150518	0.494161	-2.02363	0.542483	0.758696	-1.31805
cg07522644	SRF	0.0789118	0.144337	1.23038	1.23038	0.326048	1.14346	1.14346	0.234349	1.17917	1.17917	0.374385	0.886438	-1.12811	0.0807014	1.29187	1.29187
cg08865350	C2CD4C	0.0789129	0.797218	0.924331	-1.08186	0.319002	1.36987	1.36987	0.0469177	2.00386	2.00386	0.295107	0.717629	-1.39348	0.827087	1.06914	1.06914
cg04180623	ZAK;ZAK	0.0789149	0.267198	0.830574	-1.20399	0.0140679	0.614573	-1.62714	0.0236212	0.6479	-1.54345	0.962408	1.0076	1.0076	0.0376634	0.678945	-1.47287
cg06401414	EIF2C2;EIF2C2	0.0789164	0.558476	0.806897	-1.23932	0.534539	0.796058	-1.25619	0.673191	1.16629	1.16629	0.273155	1.51216	1.51216	0.222286	0.628074	-1.59217
cg22384923	LHX4	0.0789165	0.319667	0.848633	-1.17837	0.0165407	1.59565	1.59565	0.0124544	1.64265	1.64265	0.68597	0.937184	-1.06703	0.129193	1.2991	1.2991
cg04860863	OR2M4	0.0789184	0.00705914	0.0492036	-20.3237	0.230863	0.337174	-2.96583	0.0738215	0.178415	-5.6049	0.715074	0.728241	-1.37317	0.0360878	0.121421	-8.23584
cg16362801	USP36	0.078919	0.100479	0.608918	-1.64226	0.223017	1.42334	1.42334	0.217411	0.699236	-1.43013	0.635282	0.876579	-1.1408	?	?	?
cg20414015	MAML3	0.0789229	0.516377	0.712913	-1.4027	0.0467064	3.22599	3.22599	0.232846	1.90293	1.90293	0.370053	0.622871	-1.60547	0.00968449	0.185751	-5.38354
cg14565798	LOC80054;CEBPA	0.0789232	0.104023	0.871992	-1.1468	0.0528068	1.18486	1.18486	0.142084	1.12934	1.12934	0.983228	1.00162	1.00162	0.0876438	1.15637	1.15637
cg20727233	ASNS;ASNS;ASNS	0.0789241	0.297692	0.864251	-1.15707	0.0148094	1.4996	1.4996	0.57958	1.07856	1.07856	0.153649	1.2293	1.2293	0.372162	1.13181	1.13181
cg17082405	PLEC1;PLEC1	0.0789243	0.575411	0.827996	-1.20773	0.250936	1.49199	1.49199	0.0717136	1.95557	1.95557	0.563352	1.21515	1.21515	0.0128829	0.35703	-2.80088
cg14062197	SLC25A10	0.0789271	0.463993	1.08507	1.08507	0.0455258	1.28556	1.28556	0.0149194	1.38807	1.38807	0.426859	0.914967	-1.09294	0.129454	1.19655	1.19655
cg25416230	ZNF282	0.0789281	0.687078	0.910349	-1.09848	0.870882	1.03845	1.03845	0.836978	1.04895	1.04895	0.0398104	0.576233	-1.73541	0.707812	1.09126	1.09126
cg13674088	RWDD4A	0.078932	0.173268	1.46956	1.46956	0.120598	0.639374	-1.56403	0.0736039	0.588667	-1.69875	0.183742	1.45451	1.45451	0.549698	1.17445	1.17445
cg10556636	C10orf11	0.0789331	0.0111975	0.0940655	-10.6309	0.0418446	0.174756	-5.72226	0.080181	0.236097	-4.23555	0.261193	0.418364	-2.39026	0.0284105	0.146064	-6.84631
cg04468081	MCF2L2;B3GNT5	0.0789344	0.0526239	0.247096	-4.047	0.279203	0.489763	-2.04181	0.0705804	0.277447	-3.6043	0.187712	0.412376	-2.42497	0.0297645	0.197337	-5.06748
cg21518279	SLC4A7	0.078935	0.191138	0.394864	-2.53252	0.0628356	0.245316	-4.07637	0.0358737	0.194172	-5.15006	0.180875	0.385278	-2.59553	0.014164	0.131054	-7.63046
cg15283154	IQCE;IQCE	0.078935	0.131961	0.661704	-1.51125	0.677326	1.11213	1.11213	0.131962	0.661704	-1.51125	0.748658	1.08507	1.08507	0.0396912	0.546586	-1.82954
cg21269062	IGSF9;IGSF9	0.078939	0.387611	0.787233	-1.27027	0.922047	1.0268	1.0268	0.109076	0.623713	-1.6033	0.0461795	0.539483	-1.85363	0.0029885	0.332786	-3.00493
cg16723182	NBPF16	0.0789473	0.330631	0.879678	-1.13678	0.106932	1.25203	1.25203	0.408509	0.897662	-1.11401	0.145707	0.819149	-1.22078	0.0195228	0.697345	-1.43401
cg24950067	ZNF295;ZNF295;ZNF295	0.0789475	0.0436823	0.18249	-5.47975	0.0372631	0.169736	-5.89151	0.0819935	0.24326	-4.11082	0.816957	0.843602	-1.18539	0.0505778	0.195089	-5.12587
cg15861578	ZC3H10	0.0789525	0.672572	1.04882	1.04882	0.505173	1.07877	1.07877	0.0888888	1.23421	1.23421	0.0345865	0.758568	-1.31827	0.12308	0.829168	-1.20603
cg06940505	PEAR1	0.0789531	0.334508	0.552831	-1.80887	0.789743	0.852874	-1.17251	0.0413993	0.24641	-4.05827	0.918242	0.940689	-1.06305	0.0327838	0.226005	-4.42468
cg24804970	HERC6;HERC6	0.0789544	0.0136898	0.546045	-1.83135	0.344084	0.82414	-1.21339	0.124259	0.718694	-1.39141	0.6635	0.916788	-1.09077	0.0322344	0.607912	-1.64497
cg14773260	F2R	0.0789567	0.565774	0.809794	-1.23488	0.0130203	3.06398	3.06398	0.595611	0.823113	-1.2149	0.265789	0.656112	-1.52413	0.0221088	0.368886	-2.71087
cg18594482	SLC9A1	0.0789588	0.727811	1.16278	1.16278	0.10016	2.17601	2.17601	0.0045801	5.09998	5.09998	0.68182	0.837004	-1.19474	0.527537	1.31822	1.31822
cg18032502	TNNT3;TNNT3;TNNT3;TNNT3	0.0789599	0.303941	0.729497	-1.37081	0.115687	0.602564	-1.65957	0.0183121	0.428203	-2.33534	0.170058	0.648632	-1.54171	0.00401029	0.318115	-3.14352
cg18313013	C14orf180	0.0789608	0.942192	0.98431	-1.01594	0.071531	1.55087	1.55087	0.377213	0.820711	-1.21846	0.991087	0.997567	-1.00244	0.218865	0.754285	-1.32576
cg15160801	S100A9	0.0789615	0.175532	0.56978	-1.75506	0.0770179	0.464028	-2.15504	0.0479734	0.413617	-2.4177	0.0122374	0.295598	-3.38297	0.0501519	0.418094	-2.39181
cg13132650	BTG1	0.0789617	0.929034	0.979869	-1.02054	0.896987	1.03001	1.03001	0.263248	1.30508	1.30508	0.685949	1.09725	1.09725	0.301911	1.27656	1.27656
cg20643945	RIMBP2	0.0789639	0.303986	0.49132	-2.03533	0.731859	0.795723	-1.25672	0.187587	0.392354	-2.54872	0.912492	1.07572	1.07572	0.013416	0.121978	-8.19819
cg01261194	PRDM16;PRDM16	0.0789651	0.161267	2.1164	2.1164	0.671452	1.23837	1.23837	0.303394	0.586143	-1.70607	0.883142	1.07649	1.07649	0.0601735	2.89323	2.89323
cg10391633	PITX2;PITX2;PITX2;PITX2	0.0789659	0.0531617	3.33884	3.33884	0.550355	1.39319	1.39319	0.232573	1.98765	1.98765	0.097946	2.70808	2.70808	0.673238	1.26208	1.26208
cg23978390	C7orf50;C7orf50;C7orf50	0.0789664	0.275681	0.902235	-1.10836	0.0261164	1.27057	1.27057	0.0959613	1.18042	1.18042	0.274429	1.10868	1.10868	0.0556352	1.21745	1.21745
cg14200569	PRDM16;PRDM16	0.078967	0.0450447	0.165132	-6.05576	0.0540101	0.180369	-5.54418	0.338353	2.16597	2.16597	0.394917	1.97847	1.97847	0.0132179	0.0902517	-11.0801
cg09370463	ARHGAP18	0.078967	0.089676	0.2858	-3.49894	0.0468246	0.21795	-4.5882	0.00906026	0.10857	-9.21063	0.272646	0.465645	-2.14756	0.0526928	0.228913	-4.36847
cg14132834	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.0789686	0.440143	0.828291	-1.2073	0.261773	1.32317	1.32317	0.300424	1.29275	1.29275	0.781743	1.06872	1.06872	0.797388	0.940294	-1.0635
cg19680696	SNORD115-15;SNORD115-21;SNORD115-33	0.0789698	0.112555	0.255208	-3.91837	0.0955664	0.235165	-4.25233	0.0365293	0.146441	-6.82871	0.539582	0.612018	-1.63394	0.0152545	0.0948507	-10.5429
cg07793810	CHUK	0.0789701	0.224676	0.553435	-1.8069	0.265084	0.583852	-1.71276	0.955196	0.974465	-1.0262	0.126029	2.16297	2.16297	0.387517	1.50577	1.50577
cg00807871	MDGA1	0.0789703	0.0679393	8.72024	8.72024	0.196422	4.24975	4.24975	0.682741	0.647067	-1.54543	0.294145	3.16642	3.16642	0.0734924	8.27933	8.27933
cg19367991	UBE2H;UBE2H	0.0789709	0.354202	0.696922	-1.43488	0.675918	0.85277	-1.17265	0.103071	0.508888	-1.96507	0.222594	0.615367	-1.62505	0.655994	0.8438	-1.18512
cg02311534	MRPS31	0.078977	0.943787	0.976574	-1.02399	0.692473	1.14297	1.14297	0.89292	0.955735	-1.04631	0.0696643	1.97787	1.97787	0.502396	1.25713	1.25713
cg14768519	SIRT7;PCYT2	0.0789775	0.024931	0.463663	-2.15674	0.243672	1.42096	1.42096	0.0741978	1.77361	1.77361	0.0957092	1.69395	1.69395	0.22844	0.694843	-1.43917
cg17859048	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.0789784	0.158164	1.34251	1.34251	0.852715	0.964368	-1.03695	0.814024	0.955039	-1.04708	0.0658051	0.66831	-1.49631	0.781426	0.947149	-1.0558
cg21743410	SGCE;SGCE;PEG10;SGCE;PEG10	0.0789795	0.65132	0.868166	-1.15185	0.00857372	2.83475	2.83475	0.57193	1.19421	1.19421	0.15357	1.6077	1.6077	0.230474	1.47834	1.47834
cg17239739	C3orf67	0.078981	0.914387	0.961181	-1.04039	0.253256	0.644484	-1.55163	0.449533	0.752988	-1.32804	0.942822	1.02676	1.02676	0.0404723	0.418439	-2.38983
cg15995714	PWWP2B;PWWP2B	0.0789811	0.856929	1.04426	1.04426	0.130271	0.675601	-1.48016	0.242696	0.745733	-1.34096	0.993666	0.998097	-1.00191	0.0934108	0.642228	-1.55708
cg20900203	MAGI1;MAGI1;MAGI1	0.0789818	0.680424	1.11536	1.11536	0.0441164	0.543519	-1.83986	0.0796222	0.598784	-1.67005	0.305879	1.32243	1.32243	0.0516368	1.79307	1.79307
cg24798914	TPO;TPO;TPO;TPO	0.0789869	0.756741	0.953384	-1.0489	0.00692117	1.71082	1.71082	0.575991	1.09068	1.09068	0.982136	0.996566	-1.00345	0.870901	1.0253	1.0253
cg05195756	MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.078989	0.193588	1.4776	1.4776	0.481016	0.816039	-1.22543	0.420076	1.26339	1.26339	0.00326741	0.320459	-3.12052	0.356154	1.30914	1.30914
cg12466037	FAM53B	0.0789895	0.1592	0.499137	-2.00346	0.00756384	0.204549	-4.88881	0.106897	0.443545	-2.25456	0.518922	1.35257	1.35257	0.618865	0.793246	-1.26064
cg13953838	RNF150	0.078991	0.00459742	2.45161	2.45161	0.838742	0.952713	-1.04963	0.636915	1.11967	1.11967	0.424491	0.823737	-1.21398	0.673964	0.9043	-1.10583
cg09555364	ODZ2	0.0789913	0.0439306	0.360984	-2.77021	0.174537	0.529644	-1.88806	0.254372	0.5923	-1.68833	0.0976281	0.449418	-2.2251	0.0126535	0.25565	-3.9116
cg15652014	RALGPS2	0.0789928	0.885414	0.978275	-1.02221	0.102261	0.761564	-1.31309	0.611925	0.925031	-1.08105	0.267181	1.19253	1.19253	0.372047	0.869708	-1.14981
cg15074032	GPR133	0.0789931	0.31238	0.517672	-1.93173	0.574979	1.42896	1.42896	0.113936	0.338409	-2.955	0.258196	0.475529	-2.10292	0.0115009	0.136464	-7.32795
cg09831620	OR5H2	0.0789968	0.0229293	0.108326	-9.23139	0.246895	0.371966	-2.68842	0.111177	0.242355	-4.12618	0.341677	0.449217	-2.2261	0.025462	0.114306	-8.74842
cg14737332	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.078997	0.858625	0.941142	-1.06254	0.0173449	2.68008	2.68008	0.0298985	2.38511	2.38511	0.668001	1.15812	1.15812	0.18005	0.616075	-1.62318
cg26302994	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.0789973	0.546166	1.12563	1.12563	0.143227	0.737257	-1.35638	0.0492026	1.54497	1.54497	0.456339	0.863299	-1.15835	0.176094	0.756764	-1.32142
cg16044674	MEA1;KLHDC3	0.0789981	0.914128	1.01309	1.01309	0.0202362	1.40146	1.40146	0.51311	1.08324	1.08324	0.53596	1.07848	1.07848	0.0520037	1.30536	1.30536
cg09101894	PIK3R1;PIK3R1	0.0789993	0.0176488	0.307678	-3.25015	0.0351903	0.367223	-2.72314	0.660227	0.834737	-1.19798	0.978229	0.988919	-1.0112	0.156619	0.538643	-1.85652
cg01157951	LTA;LTA	0.0790024	0.0192557	0.292891	-3.41424	0.0149546	0.273159	-3.66087	0.0584537	0.395633	-2.5276	0.111496	0.471513	-2.12083	0.0200722	0.296246	-3.37558
cg18752448	MTIF2;MTIF2	0.0790024	0.829929	1.02859	1.02859	0.683584	0.947714	-1.05517	0.042584	0.736406	-1.35795	0.0960162	0.786975	-1.27069	0.675146	1.05679	1.05679
cg21531908	SH3RF3	0.0790065	0.065538	0.186792	-5.35355	0.0913673	0.221093	-4.52298	0.0358261	0.13774	-7.26007	0.400383	0.497208	-2.01123	0.0122252	0.0793439	-12.6034
cg09282654	SPAM1;SPAM1	0.0790066	0.222735	0.723833	-1.38153	0.36388	0.790278	-1.26538	0.218374	0.721389	-1.38621	0.515293	0.846696	-1.18106	0.00379591	0.373473	-2.67757
cg08490589	JPH3	0.0790084	0.020916	0.453612	-2.20453	0.43321	1.25544	1.25544	0.606619	0.862654	-1.15921	0.0294081	0.482061	-2.07443	0.075894	0.570117	-1.75403
cg06805323	CSNK2B	0.0790096	0.0135762	0.129177	-7.74133	0.406763	1.76596	1.76596	0.272218	0.464947	-2.15078	0.239837	2.28125	2.28125	0.0652895	0.249923	-4.00122
cg21207028	NRSN2;NRSN2	0.0790096	0.38662	1.32718	1.32718	0.274339	0.695741	-1.43732	0.803366	1.08282	1.08282	0.793512	0.919737	-1.08727	0.4967	0.802434	-1.24621
cg11404129	ECM1;ECM1	0.0790097	0.293212	0.46093	-2.16952	0.0498014	0.204059	-4.90054	0.0631387	0.226588	-4.41329	0.467697	1.69027	1.69027	0.007061	0.0843194	-11.8597
cg18585107	RPS6KA4;RPS6KA4	0.079011	0.798451	1.07191	1.07191	0.00333401	2.95754	2.95754	0.0832229	1.68285	1.68285	0.270059	1.36573	1.36573	0.0751207	1.71235	1.71235
cg22076081	ZNF133;ZNF133	0.0790134	0.243146	0.736034	-1.35863	0.189632	0.705647	-1.41714	0.461574	0.828546	-1.20693	0.482137	0.835883	-1.19634	0.166713	0.690754	-1.44769
cg27557143	GMIP	0.079016	0.0932639	0.510399	-1.95925	0.0150677	0.336813	-2.969	0.209555	1.61893	1.61893	0.558314	0.806026	-1.24065	0.399824	0.730544	-1.36884

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20819617	0.328867	0.512792	-1.95011	0.00399998	0.0770229	-12.9831	0.0702444	0.261529	-3.82367	0.125324	0.333038	-3.00266	2.831	19.6942	6.18367	1
cg01190692	0.460895	0.807494	-1.2384	0.00420415	0.335563	-2.98006	0.275091	0.723669	-1.38185	0.289878	1.36736	1.36736	2.83099	3.63744	1.1421	1
cg10116189	0.126492	1.61702	1.61702	0.337646	1.33293	1.33293	0.692598	0.890904	-1.12246	0.873159	1.04754	1.04754	2.83098	3.7897	1.18991	1
cg02769235	0.138995	2.04214	2.04214	0.355268	1.53166	1.53166	0.118147	2.13973	2.13973	0.445134	1.41762	1.41762	2.83096	9.01273	2.82989	1
cg15522989	0.176058	1.65516	1.65516	0.484646	0.779762	-1.28244	0.0520436	0.461068	-2.16888	0.751758	1.11758	1.11758	2.83094	5.5015	1.72742	1
cg10780495	0.616026	1.1343	1.1343	0.00257013	0.352793	-2.83452	0.533161	0.854438	-1.17036	0.969971	0.990662	-1.00943	2.83093	2.78503	0.874475	1
cg27305342	0.763475	1.2261	1.2261	0.00258789	0.0595975	-16.7792	0.147695	0.350248	-2.85512	0.557056	0.669564	-1.49351	2.83089	20.4532	6.42224	1
cg08542429	0.0123232	0.631169	-1.58436	0.384316	1.14078	1.14078	0.14873	0.795577	-1.25695	0.231612	0.830887	-1.20353	2.83084	0.977526	0.306945	1
cg14331899	0.00941868	0.24503	-4.08113	0.657824	1.20982	1.20982	0.446239	1.39341	1.39341	0.593072	0.794147	-1.25921	2.83083	8.18584	2.57038	1
cg06557683	0.998875	1.00052	1.00052	0.489003	1.29881	1.29881	0.153113	0.566054	-1.76662	0.4841	0.76759	-1.30278	2.8308	6.20303	1.94779	1
cg02835874	0.388038	1.92832	1.92832	0.120242	0.286227	-3.49373	0.126268	3.41365	3.41365	0.98624	1.01288	1.01288	2.83077	24.6987	7.75562	1
cg05911220	0.422696	0.911873	-1.09664	0.570299	1.06675	1.06675	0.0233555	1.35695	1.35695	0.004839	1.52345	1.52345	2.83072	0.568935	0.178654	1
cg27456111	0.0427188	0.288975	-3.4605	0.00762513	0.161114	-6.20678	0.245094	0.523604	-1.90984	0.115254	0.402012	-2.48749	2.83072	12.6961	3.98679	1
cg22434906	0.116927	1.3358	1.3358	0.807962	0.959451	-1.04226	0.142885	1.30693	1.30693	0.019049	1.62005	1.62005	2.8307	1.29548	0.406803	1
cg08044714	0.629799	0.87003	-1.14939	0.76977	1.08777	1.08777	0.543988	0.838566	-1.19251	0.639709	1.14471	1.14471	2.83068	3.68414	1.15689	1
cg24529814	0.389871	1.53684	1.53684	0.242094	1.81686	1.81686	0.495788	1.40116	1.40116	0.701051	0.828508	-1.20699	2.83068	10.6635	3.34855	1
cg15637254	0.260415	1.69718	1.69718	0.580467	0.777581	-1.28604	0.185992	1.88114	1.88114	0.622875	0.799821	-1.25028	2.83067	9.10373	2.85876	1
cg04754360	0.929111	0.969375	-1.03159	0.0176399	0.364529	-2.74327	0.933264	1.02971	1.02971	0.709727	0.877481	-1.13963	2.83065	5.47806	1.72024	1
cg10679076	0.505279	0.87978	-1.13665	0.0173221	0.577424	-1.73183	0.206611	1.28709	1.28709	0.310974	0.819861	-1.21972	2.83065	1.60943	0.505399	1
cg23829990	0.615983	0.630432	-1.58621	0.0119853	0.0572892	-17.4553	0.130638	0.225542	-4.43376	0.173806	0.267105	-3.74385	2.83064	37.3137	11.7174	1
cg11413570	0.242151	1.70555	1.70555	0.274352	0.608936	-1.64221	0.0188061	3.46025	3.46025	0.745463	1.15264	1.15264	2.83059	8.52693	2.67771	1
cg13479756	0.412475	0.878916	-1.13777	0.066279	1.3734	1.3734	0.98278	0.996681	-1.00333	0.962939	0.992868	-1.00718	2.83059	1.06363	0.334011	1
cg01599460	0.0890575	1.40343	1.40343	0.0155963	1.70901	1.70901	0.8825	0.973625	-1.02709	0.38861	0.85241	-1.17314	2.83058	1.46426	0.459823	1
cg04887405	0.384602	0.928085	-1.07749	0.810169	0.980055	-1.02035	0.758346	0.974496	-1.02617	0.0051969	1.36177	1.36177	2.83056	0.314212	0.0986728	1
cg09853898	0.0600665	6.22106	6.22106	0.113781	4.40512	4.40512	0.0220657	10.6535	10.6535	0.0372547	8.03378	8.03378	2.83053	33.2931	10.4553	1
cg24371536	0.886334	0.987655	-1.0125	0.0387297	0.812294	-1.23108	0.790494	0.97714	-1.02339	0.013222	1.30569	1.30569	2.83052	0.338142	0.106189	1
cg18194292	0.348818	0.932578	-1.0723	0.24345	0.915462	-1.09234	0.112471	1.13321	1.13321	0.019514	1.22666	1.22666	2.83048	0.234789	0.0737334	1
cg19977428	0.0151304	0.412559	-2.42389	0.618971	0.861812	-1.16035	0.0196785	0.433522	-2.30669	0.879474	1.04604	1.04604	2.83048	3.94469	1.2388	1
cg18274315	0.932755	1.02652	1.02652	0.0315303	2.1864	2.1864	0.0251374	2.28464	2.28464	0.959551	0.98439	-1.01586	2.83046	4.31366	1.35468	1
cg08525922	0.496306	1.45276	1.45276	0.0448049	0.287867	-3.47383	0.602249	1.32882	1.32882	0.210585	0.490045	-2.04063	2.83039	13.104	4.11531	1
cg23757094	0.70649	1.16636	1.16636	0.660911	1.19669	1.19669	0.924143	1.0395	1.0395	0.684334	0.846816	-1.18089	2.83036	7.41763	2.32954	1
cg05193570	0.631438	0.894064	-1.11849	0.00118659	0.332403	-3.0084	0.756457	1.07474	1.07474	0.721999	0.920564	-1.08629	2.83035	2.4062	0.755681	1
cg04021884	0.79373	0.951091	-1.05142	0.216082	0.779481	-1.2829	0.800709	1.0496	1.0496	0.808335	0.954557	-1.04761	2.83032	1.64159	0.515559	1
cg03587117	0.0402088	0.243897	-4.1001	0.685974	1.27374	1.27374	0.698286	1.26096	1.26096	0.141878	0.390598	-2.56018	2.83031	15.8833	4.98833	1
cg20200388	0.250627	1.2321	1.2321	0.420135	1.15397	1.15397	0.787923	0.954201	-1.048	0.252767	0.812455	-1.23084	2.8303	1.35511	0.425586	1
cg15651918	0.249048	0.794443	-1.25874	0.0319287	0.61869	-1.61632	0.447176	1.15948	1.15948	0.886761	0.973152	-1.02759	2.8303	1.63524	0.513565	1
cg14516632	0.0394546	0.378659	-2.6409	0.073335	0.443068	-2.25699	0.0623734	0.425223	-2.35171	0.621168	0.816215	-1.22517	2.8303	7.44939	2.33957	1
cg21149804	0.204389	0.855014	-1.16957	0.208028	0.856201	-1.16795	0.0700427	1.2673	1.2673	0.98423	0.997691	-1.00231	2.83027	0.613138	0.192565	1
cg06177555	0.513779	0.724934	-1.37944	0.0182658	4.02152	4.02152	0.149037	0.47156	-2.12062	0.737748	1.17733	1.17733	2.83026	10.578	3.32221	1
cg01114224	0.317676	0.603011	-1.65834	0.0109756	0.20952	-4.77282	0.388455	1.54164	1.54164	0.148928	0.468591	-2.13406	2.83024	10.7499	3.37619	1
cg13190986	0.616632	1.08287	1.08287	0.0156834	1.59549	1.59549	0.0503009	1.42186	1.42186	0.00954629	1.6783	1.6783	2.83023	1.11529	0.350278	1
cg26466524	0.0646717	0.341245	-2.93045	0.139684	0.438921	-2.27831	0.927175	1.0485	1.0485	0.040199	0.29282	-3.41506	2.83022	12.0323	3.77898	1
cg10448808	0.562186	0.446889	-2.23769	0.287973	0.21953	-4.55519	0.16141	7.81072	7.81072	0.0473161	22.6249	22.6249	2.83021	84.6772	26.5947	1
cg15278734	0.786911	0.972514	-1.02826	0.0546078	0.799099	-1.25141	0.669021	1.04523	1.04523	0.314037	1.11305	1.11305	2.8302	0.474257	0.148951	1
cg25098174	0.630588	0.791252	-1.26382	0.0106728	0.212038	-4.71614	0.279345	1.72197	1.72197	0.0865706	0.400614	-2.49617	2.83016	10.4662	3.28719	1
cg12814766	0.668084	0.85909	-1.16402	0.0078186	0.300565	-3.32707	0.461174	0.767855	-1.30233	0.149307	0.580167	-1.72364	2.83015	5.55707	1.74536	1
cg15676226	0.73066	0.946476	-1.05655	0.00426734	0.544094	-1.83792	0.920973	1.01592	1.01592	0.496387	0.895891	-1.11621	2.83013	1.13583	0.356742	1
cg10865238	0.0266622	0.228564	-4.37514	0.0173655	0.196353	-5.09288	0.0193638	0.204123	-4.899	0.349104	0.581787	-1.71884	2.83012	14.1536	4.44539	1
cg11853811	0.41141	0.666596	-1.50016	0.00197179	0.12106	-8.26036	0.778318	0.8726	-1.146	0.115379	0.437563	-2.28539	2.83011	10.451	3.28247	1
cg15174564	0.110215	4.90187	4.90187	0.047358	0.125968	-7.93853	0.0388658	8.88017	8.88017	0.0842073	5.72299	5.72299	2.83009	37.3748	11.7389	1
cg19880722	0.462283	1.07844	1.07844	0.256961	0.887449	-1.12683	0.0204547	0.754355	-1.32564	0.396918	0.916176	-1.09149	2.83008	0.456528	0.143389	1
cg21397588	0.958626	1.01902	1.01902	0.0149182	0.337055	-2.96688	0.404065	1.36363	1.36363	0.464365	1.31065	1.31065	2.83007	5.91475	1.85775	1
cg14978174	0.285251	1.19522	1.19522	0.00602833	0.561896	-1.77969	0.0572977	1.41271	1.41271	0.739192	1.05515	1.05515	2.83	1.15701	0.363411	1
cg02406092	0.0335218	0.403563	-2.47793	0.0482215	0.438303	-2.28152	0.600437	0.824402	-1.213	0.120307	0.540274	-1.85091	2.83	5.98341	1.87936	1
cg04559609	0.405118	1.1951	1.1951	0.0942551	0.680497	-1.46951	0.763851	1.06507	1.06507	0.0053593	2.1541	2.1541	2.82996	1.96237	0.616381	1
cg21845957	0.195905	0.797049	-1.25463	?	?	?	0.774643	1.04876	1.04876	0.00639501	1.80124	1.80124	2.8651	1.10957	0.387271	1
cg04829830	0.411464	0.820538	-1.21871	0.522308	1.165	1.165	0.396633	1.22683	1.22683	0.0251972	1.87189	1.87189	2.82983	2.48608	0.780914	1
cg04759114	0.970878	1.01361	1.01361	0.751924	0.889183	-1.12463	0.050802	0.438612	-2.27992	0.697252	0.8652	-1.1558	2.82982	6.14783	1.93113	1
cg26503653	0.10477	4.16205	4.16205	0.0956161	4.35978	4.35978	0.0179856	10.0959	10.0959	0.0414557	6.62828	6.62828	2.82976	28.9948	9.10787	1
cg15769279	0.700924	0.822579	-1.21569	0.0244218	0.257399	-3.88502	0.915026	1.0555	1.0555	0.100104	0.40179	-2.48886	2.82971	11.4789	3.60585	1
cg08229358	0.12237	0.323586	-3.09037	0.157811	0.3614	-2.76702	0.14315	2.88756	2.88756	0.099901	3.37047	3.37047	2.82969	20.3539	6.39374	1
cg13842800	0.0536532	0.327732	-3.05128	0.421654	0.658432	-1.51876	0.828615	0.895504	-1.11669	0.698885	0.820461	-1.21883	2.82965	11.615	3.64866	1
cg24507739	0.768968	0.876791	-1.14052	0.0348025	3.19686	3.19686	0.175407	0.518306	-1.92936	0.125596	0.467215	-2.14034	3.32012	9.96005	1.99994	1
cg07522644	0.707619	0.951408	-1.05107	0.0291269	1.40486	1.40486	0.225333	1.18335	1.18335	0.00891616	1.55255	1.55255	2.82964	0.78332	0.246069	1
cg08865350	0.0471891	2.00167	2.00167	0.0414316	0.487398	-2.05171	0.739499	1.10736	1.10736	0.063909	1.88966	1.88966	2.82962	4.18492	1.31464	1
cg04180623	0.0408607	0.68449	-1.46094	0.807745	1.03993	1.03993	0.850423	0.970136	-1.03078	0.698977	0.939501	-1.06439	2.82959	1.15586	0.363103	1
cg06401414	0.300066	0.677461	-1.4761	0.00433856	0.251012	-3.98387	0.257106	0.651244	-1.53552	0.159545	1.72467	1.72467	2.82957	5.89236	1.85104	1
cg22384923	0.989035	1.0022	1.0022	0.346559	0.856669	-1.16731	0.479182	1.12166	1.12166	0.57555	1.09448	1.09448	2.82957	1.14153	0.358604	1
cg04860863	0.735282	0.745623	-1.34116	0.39162	0.468043	-2.13656	0.258994	0.361086	-2.76942	0.0226574	0.0943977	-10.5935	2.82954	33.5284	10.5328	1
cg16362801	0.00515023	0.361118	-2.76918	0.8932	1.03773	1.03773	0.375875	0.778372	-1.28473	0.178625	0.674378	-1.48285	2.86468	3.0654	1.07007	1
cg20414015	0.629799	1.28375	1.28375	0.244784	0.534861	-1.86964	0.35373	0.612186	-1.63349	0.317947	0.588082	-1.70044	2.82947	11.8528	3.72361	1
cg14565798	0.833328	1.01637	1.01637	0.165268	0.892205	-1.12082	0.136862	0.883829	-1.13144	0.106201	1.14564	1.14564	2.82947	0.26613	0.0836058	1
cg20727233	0.33814	1.14275	1.14275	0.0510973	0.740653	-1.35016	0.367854	0.882496	-1.13315	0.172405	1.21685	1.21685	2.82945	0.818389	0.257101	1
cg17082405	0.375632	0.738393	-1.35429	0.249778	1.49358	1.49358	0.138128	1.70321	1.70321	0.314187	0.706684	-1.41506	2.82945	4.98535	1.56618	1
cg14062197	0.284033	1.12965	1.12965	0.552361	0.936273	-1.06806	0.882244	1.01637	1.01637	0.0212354	1.35441	1.35441	2.82941	0.53766	0.168912	1
cg25416230	0.0622937	0.61463	-1.62699	0.00965078	2.13767	2.13767	0.826517	0.950362	-1.05223	0.484514	0.848086	-1.17913	2.8294	2.4108	0.757382	1
cg13674088	0.964834	1.01178	1.01178	0.0460013	1.83591	1.83591	0.730717	1.09613	1.09613	0.032307	1.94628	1.94628	2.82934	3.16274	0.993635	1
cg10556636	0.135207	0.30194	-3.31191	0.0617548	0.209175	-4.78069	0.761446	0.797374	-1.25412	0.113205	0.277499	-3.60362	2.82932	24.7816	7.78565	1
cg04468081	0.746694	0.814134	-1.2283	0.00723944	0.110958	-9.0124	0.314237	0.516672	-1.93547	0.0680176	0.273419	-3.6574	2.8293	18.0395	5.66751	1
cg21518279	0.0436885	0.210816	-4.74347	0.100622	0.29898	-3.34471	0.591455	1.43871	1.43871	0.131087	0.334731	-2.98747	2.82929	20.1964	6.34518	1
cg15283154	0.0783263	0.608537	-1.64329	0.122051	0.653358	-1.53055	0.480817	1.19961	1.19961	0.0518199	1.75419	1.75419	2.82929	2.89031	0.908058	1
cg21269062	0.774386	0.925296	-1.08073	0.64731	1.13252	1.13252	0.528357	0.841496	-1.18836	0.274784	0.735672	-1.3593	2.82924	3.27028	1.02746	1
cg16723182	0.299276	0.871632	-1.14727	0.166334	1.20741	1.20741	0.0589572	0.761575	-1.31307	0.630245	1.0639	1.0639	2.82911	0.730785	0.229608	1
cg24950067	0.0915488	0.255917	-3.90752	0.0179004	0.121133	-8.25536	0.572216	0.657931	-1.51992	0.0516175	0.196905	-5.07859	2.82911	24.1104	7.57534	1
cg15861578	0.216526	0.864305	-1.157	0.0622415	1.26539	1.26539	0.630413	1.05587	1.05587	0.15432	1.18648	1.18648	2.82904	0.563443	0.177035	1
cg06940505	0.0403418	0.244062	-4.09731	0.0191409	0.184836	-5.41019	0.0303288	0.219565	-4.55446	0.33864	0.555802	-1.7992	2.82903	15.8883	4.99216	1
cg24804970	0.335709	0.821185	-1.21775	0.0759572	0.675749	-1.47984	0.112814	0.709966	-1.40852	0.0149118	0.552016	-1.81154	2.82901	1.76466	0.554464	1
cg14773260	?	?	?	0.91274	0.960946	-1.04064	0.733472	0.883192	-1.13226	0.51824	1.26875	1.26875	2.86411	5.32536	1.85935	1
cg18594482	0.473125	1.37018	1.37018	0.0279279	3.06836	3.06836	0.405961	1.44334	1.44334	0.492693	0.74028	-1.35084	2.82894	8.3469	2.6227	1
cg18032502	0.165536	0.645245	-1.5498	0.368011	0.760398	-1.3151	0.386697	0.768855	-1.30064	0.182807	0.657855	-1.52009	2.82893	3.93165	1.23538	1
cg18313013	0.0747306	0.64865	-1.54166	0.791139	1.05959	1.05959	0.00979133	2.0384	2.0384	0.571006	0.882628	-1.13298	2.82891	2.13039	0.669401	1
cg15160801	0.717783	1.15227	1.15227	0.624713	0.824876	-1.2123	0.0371395	0.388713	-2.57259	0.184567	0.577207	-1.73248	2.8289	6.83196	2.14672	1
cg13132650	0.999691	1.00009	1.00009	0.00215996	0.374158	-2.67267	0.481744	0.849382	-1.17733	0.646176	0.899847	-1.1113	2.8289	2.33517	0.733752	1
cg20643945	0.0711608	0.256234	-3.90268	0.01583	0.131675	-7.59448	0.180587	0.385675	-2.59286	0.0284449	0.171561	-5.82882	3.02988	20.709	5.31604	1
cg01261194	0.049285	3.0787	3.0787	0.00630484	5.94629	5.94629	0.174592	2.06189	2.06189	0.562831	1.34067	1.34067	2.82885	11.2507	3.53523	1
cg10391633	0.855283	1.10538	1.10538	0.0185302	4.79262	4.79262	0.00757894	6.58513	6.58513	0.113436	2.57346	2.57346	2.82884	13.4918	4.23944	1
cg23978390	0.41874	1.07784	1.07784	0.133134	1.15835	1.15835	0.344917	0.915525	-1.09227	0.169931	0.875796	-1.14182	2.82883	0.368762	0.115874	1
cg14200569	0.890224	0.897499	-1.11421	0.876912	1.12905	1.12905	0.297077	0.428887	-2.33162	0.106056	0.251	-3.98406	2.82882	27.4743	8.63313	1
cg09370463	0.592611	0.696593	-1.43556	0.0232893	0.162824	-6.14159	0.168425	0.374375	-2.67112	0.253171	0.449813	-2.22315	2.82882	20.0774	6.30885	1
cg14132834	0.578147	1.14388	1.14388	0.00232765	0.36152	-2.7661	0.896178	0.969242	-1.03173	0.591497	0.878413	-1.13842	2.8288	2.56547	0.806144	1
cg19680696	0.698197	1.36076	1.36076	0.607318	1.50651	1.50651	0.0549296	0.178923	-5.58899	0.0708976	0.202848	-4.9298	2.82878	28.0006	8.79864	1
cg07793810	0.281724	0.595665	-1.6788	0.0074555	0.191549	-5.22059	?	?	?	0.212404	0.543614	-1.83954	3.06372	8.94906	2.55585	1
cg00807871	0.0809622	7.76551	7.76551	0.00952793	32.4077	32.4077	0.0375644	12.8801	12.8801	0.106774	6.45764	6.45764	2.82877	50.2689	15.7961	1
cg19367991	0.987503	1.00595	1.00595	0.00974955	3.44963	3.44963	0.220917	1.62821	1.62821	0.0965144	0.500955	-1.99619	2.82876	6.42923	2.02027	1
cg02311534	0.512052	1.25049	1.25049	0.00510687	0.28827	-3.46897	0.227187	0.652993	-1.53141	0.258084	0.672534	-1.48691	2.82867	5.06255	1.59087	1
cg14768519	0.607157	0.861256	-1.1611	0.148897	1.56182	1.56182	0.175774	1.51379	1.51379	0.959494	1.01474	1.01474	2.82867	3.71623	1.1678	1
cg17859048	0.250644	1.26407	1.26407	0.118474	0.718298	-1.39218	0.322419	0.819105	-1.22084	0.0131102	1.82324	1.82324	2.82865	1.70733	0.53652	1
cg21743410	0.348578	1.34969	1.34969	0.559374	0.832401	-1.20134	0.0192728	2.41005	2.41005	0.0805911	1.82611	1.82611	2.82864	4.32589	1.35939	1
cg17239739	0.0116156	0.313017	-3.19471	0.00863529	0.29148	-3.43076	0.705675	0.869626	-1.14992	0.619702	0.831778	-1.20224	2.82862	6.07252	1.90828	1
cg15995714	0.391385	1.23458	1.23458	0.0153607	2.04196	2.04196	0.0550007	0.59325	-1.68563	0.704604	0.912653	-1.09571	2.82861	2.57974	0.81068	1
cg20900203	0.325918	1.30655	1.30655	0.0442058	1.83925	1.83925	0.487801	1.2042	1.2042	0.964664	1.01175	1.01175	2.8286	3.11322	0.97833	1
cg24798914	0.613931	1.08129	1.08129	0.0101783	1.64522	1.64522	0.184301	1.24155	1.24155	0.645523	0.931313	-1.07375	2.82853	1.05739	0.332293	1
cg05195756	0.988188	0.995807	-1.00421	0.373303	1.29615	1.29615	0.52592	1.2001	1.2001	0.63607	0.873465	-1.14487	2.8285	3.60853	1.13402	1
cg12466037	0.287077	0.600173	-1.66619	0.688734	0.830294	-1.20439	0.0463789	0.348595	-2.86866	0.222654	1.80739	1.80739	2.82849	9.55585	3.00305	1
cg13953838	0.221581	1.35722	1.35722	0.0871507	1.56681	1.56681	0.168168	0.705288	-1.41786	0.835092	1.05081	1.05081	2.82847	2.53174	0.795639	1
cg09555364	0.179689	0.534136	-1.87218	0.00955108	0.235896	-4.23915	0.31353	0.6321	-1.58203	0.191171	0.543878	-1.83865	2.82847	8.67497	2.72624	1
cg15652014	0.44779	0.888835	-1.12507	0.00230456	0.522709	-1.91311	0.79567	0.961243	-1.04032	0.304158	0.850358	-1.17598	2.82844	1.03932	0.326625	1
cg15074032	0.636425	0.740816	-1.34986	0.00711995	0.111897	-8.93682	0.310728	0.516428	-1.93638	0.278245	0.491468	-2.03472	2.82844	17.7821	5.58835	1
cg09831620	0.0722452	0.19425	-5.148	0.017765	0.0949601	-10.5307	0.0834872	0.209134	-4.78162	0.0834492	0.209085	-4.78273	2.82838	29.8843	9.39186	1
cg14737332	0.95721	1.01842	1.01842	0.0591149	0.484306	-2.06481	0.849827	1.06661	1.06661	0.840916	0.933909	-1.07077	2.82838	5.18522	1.62958	1
cg26302994	0.022175	0.587816	-1.70121	0.0411847	0.633555	-1.5784	0.773839	0.945703	-1.05741	0.433866	0.856646	-1.16734	2.82838	1.68178	0.528542	1
cg16044674	0.97411	1.00392	1.00392	0.0304779	0.735993	-1.35871	0.739557	1.04104	1.04104	0.092506	1.25004	1.25004	2.82836	0.650909	0.204566	1
cg09101894	0.409049	0.708374	-1.41168	0.00983602	0.263845	-3.79011	0.118145	0.500173	-1.99931	0.991489	1.00436	1.00436	2.82835	7.46908	2.34737	1
cg01157951	0.472839	0.728573	-1.37255	0.588231	0.788936	-1.26753	0.520003	0.753642	-1.32689	0.262179	0.602264	-1.6604	2.8283	8.42559	2.64803	1
cg18752448	0.270289	1.16233	1.16233	0.318963	0.873735	-1.14451	0.0277457	0.711098	-1.40628	0.0662089	1.31001	1.31001	2.8283	0.769315	0.241783	1
cg21531908	0.655723	0.694723	-1.43942	0.0160478	0.0914241	-10.938	0.241389	0.369559	-2.70593	0.228287	0.358276	-2.79115	2.82824	29.5144	9.2761	1
cg09282654	0.117467	0.65123	-1.53556	0.032449	0.531751	-1.88058	0.648124	0.890563	-1.12288	0.0584033	0.583072	-1.71505	2.82824	2.85006	0.895748	1
cg08490589	0.56694	0.848211	-1.17895	0.109	1.64407	1.64407	0.529187	1.19881	1.19881	0.861506	1.05092	1.05092	2.82821	3.62428	1.13909	1
cg06805323	0.170648	0.376173	-2.65835	0.0703086	0.25777	-3.87943	0.326844	0.507481	-1.97052	0.101263	0.300462	-3.3282	2.8282	20.113	6.32143	1
cg21207028	0.00237855	0.258952	-3.86173	0.615267	1.17542	1.17542	0.312562	1.39539	1.39539	0.436569	0.776356	-1.28807	2.8282	4.55663	1.43213	1
cg11404129	0.0635889	0.227301	-4.39946	0.932308	0.94144	-1.0622	0.671248	0.738412	-1.35426	0.186458	0.369785	-2.70427	2.82819	22.5996	7.10295	1
cg18585107	0.0890047	1.66372	1.66372	0.222277	1.4164	1.4164	0.981922	1.00617	1.00617	0.968256	0.989258	-1.01086	2.82817	3.29931	1.03697	1
cg22076081	0.404806	1.23849	1.23849	0.00569996	0.402608	-2.48381	0.285012	1.32137	1.32137	0.216743	1.38563	1.38563	2.82814	2.82048	0.886482	1
cg27557143	0.170437	0.587546	-1.70199	0.0471129	2.28791	2.28791	0.600814	0.825045	-1.21205	0.984003	0.992723	-1.00733	2.8281	5.94373	1.86815	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20309606	PLXNA2	0.0790162	0.732195	1.06526	1.06526	0.0971614	0.715315	-1.39799	0.894108	0.975789	-1.02481	0.319132	1.20862	1.20862	0.298913	0.820256	-1.21913
cg26125550	MGAM	0.0790162	0.0206718	0.225332	-4.43789	0.16002	0.448071	-2.23179	0.0474722	0.29745	-3.36191	0.380459	0.618093	-1.61788	0.0184913	0.216994	-4.60841
cg11410731	DHX15;DHX15	0.0790187	0.934983	1.06106	1.06106	0.225331	0.396542	-2.5218	?	?	?	0.0139971	0.110334	-9.06337	?	?	?
cg07618900	BEST3	0.0790191	0.0590049	0.291273	-3.43321	0.0825257	0.328738	-3.04194	0.835873	0.88691	-1.12751	0.237227	0.488535	-2.04694	0.0146033	0.175559	-5.6961
cg11751117	PELI2	0.0790204	0.0150247	1.90308	1.90308	0.690564	0.917467	-1.08996	0.104576	0.682563	-1.46507	0.272417	0.78199	-1.27879	0.686584	1.09125	1.09125
cg03340606	TTLL10;TTLL10	0.0790229	0.558996	0.694503	-1.43988	0.657238	0.759179	-1.31721	0.130606	0.365246	-2.73788	0.42954	0.608043	-1.64462	0.00291288	0.0801505	-12.4765
cg10287482	CARKD	0.0790232	0.318977	0.766851	-1.30403	0.121064	1.54233	1.54233	0.0250696	1.98761	1.98761	0.252113	1.36118	1.36118	0.346966	0.7791	-1.28353
cg21044968	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2	0.0790283	0.0347838	0.245314	-4.07641	0.00825401	0.145255	-6.88446	0.179334	0.442823	-2.25824	0.579021	0.726102	-1.37722	0.0857521	0.338063	-2.95803
cg01746514	LRRC16B	0.0790301	0.760074	0.964293	-1.03703	0.863382	0.979763	-1.02066	0.119233	0.818147	-1.22227	0.879472	0.982148	-1.01818	0.264881	1.14791	1.14791
cg24978470	DNAH10	0.0790345	0.0208079	0.433135	-2.30875	0.0597206	0.527851	-1.89448	0.14726	0.626456	-1.59628	0.802107	1.07844	1.07844	0.760414	0.912128	-1.09634
cg21295222	CASZ1;CASZ1	0.0790365	0.50485	0.817798	-1.2228	0.714365	1.11545	1.11545	0.861733	1.05318	1.05318	0.748702	0.908886	-1.10025	0.00118717	0.243433	-4.10791
cg04104738	LRP12;LRP12	0.0790388	0.229283	1.40018	1.40018	0.268843	0.735454	-1.3597	0.0462796	1.83888	1.83888	0.0887837	1.65016	1.65016	0.789503	0.931099	-1.074
cg06278461	CPNE7;CPNE7	0.0790391	0.123812	1.54559	1.54559	0.585363	0.865961	-1.15479	0.864568	0.956384	-1.0456	0.34319	0.774842	-1.29059	0.584542	1.15516	1.15516
cg11790196	FOXN3	0.0790415	0.877064	1.03137	1.03137	0.0285149	0.597116	-1.67472	0.395273	0.840546	-1.1897	0.259283	1.26466	1.26466	0.30982	1.23328	1.23328
cg17370412	CYTSB;CYTSB	0.079042	0.364002	1.24319	1.24319	0.351158	0.799387	-1.25096	0.0515321	0.596206	-1.67727	0.0882137	1.55113	1.55113	0.133857	0.685736	-1.45829
cg01679043	SYNE1;SYNE1	0.0790426	0.100338	0.405018	-2.46903	0.891823	0.933965	-1.0707	0.368675	1.58973	1.58973	0.40481	0.651846	-1.53411	0.01505	0.223082	-4.48265
cg20732304	MCF2L;MCF2L	0.0790431	0.161692	0.401854	-2.48847	0.0877501	0.316728	-3.15728	0.720019	1.24555	1.24555	0.375446	0.574105	-1.74184	0.0572345	0.269191	-3.71484
cg23989110	MAP3K6	0.0790486	0.745892	0.929431	-1.07593	0.783819	1.06385	1.06385	0.00340542	0.408249	-2.44949	0.449592	1.18935	1.18935	0.300484	0.785469	-1.27312
cg10905918	RPS24;RPS24;RPS24;RPS24;RPS24;RPS24;RPS24;RPS24;RPS24;RPS24;RPS24;RPS24	0.0790498	0.834974	1.05521	1.05521	0.215252	1.39939	1.39939	0.0101977	2.30369	2.30369	0.970855	0.990632	-1.00946	0.967265	0.989484	-1.01063
cg06333233	CREG2	0.0790502	0.159847	0.362152	-2.76127	0.00509756	0.0818208	-12.2218	0.0117759	0.119132	-8.39402	0.274677	0.463646	-2.15682	0.257156	0.449429	-2.22504
cg19483159	DYNLT1	0.0790504	0.00633892	0.353306	-2.8304	0.302773	0.731615	-1.36684	0.230233	1.44555	1.44555	?	?	?	0.862251	1.05216	1.05216
cg06641336	PROKR2	0.0790504	0.0221394	0.781603	-1.27942	0.135234	0.865341	-1.15561	0.212422	0.888722	-1.12521	0.0775557	0.83843	-1.19271	0.0118305	0.754043	-1.32618
cg16496592	SLC2A14	0.079054	0.0997576	1.33402	1.33402	0.171554	1.26181	1.26181	0.693426	0.938663	-1.06535	0.529024	0.90313	-1.10726	0.00673304	0.570445	-1.75302
cg08731720	SLC35B1	0.079055	0.488896	0.876664	-1.14069	0.970701	1.0069	1.0069	?	?	?	0.401443	0.851473	-1.17444	0.0123109	0.557877	-1.79251
cg04946327	POLR1A	0.0790553	0.969365	0.980737	-1.01964	0.00497965	6.57214	6.57214	0.0819303	2.65463	2.65463	0.688817	1.22616	1.22616	0.118588	0.423955	-2.35874
cg03355526	ZNF454	0.0790565	0.0567922	1.64286	1.64286	0.32772	1.26192	1.26192	0.0079913	2.18759	2.18759	0.676848	1.10132	1.10132	0.417497	1.2102	1.2102
cg04232586	C8orf38	0.0790567	0.340092	1.23829	1.23829	0.976153	1.00652	1.00652	0.334169	1.24176	1.24176	0.834037	1.04667	1.04667	0.417305	1.19745	1.19745
cg13144059	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0790614	0.179916	0.311913	-3.20602	0.00463978	0.0459367	-21.7691	0.0770475	0.200242	-4.99396	0.439524	0.524711	-1.90581	0.113581	0.244538	-4.08934
cg13947334	C9orf27	0.0790617	0.397428	0.708386	-1.41166	0.147136	0.538474	-1.8571	0.0229131	0.338606	-2.95328	0.145936	0.537339	-1.86102	0.01588	0.308728	-3.2391
cg23197007	KIAA1949;KIAA1949;KIAA1949	0.0790642	0.0452652	0.488137	-2.0486	0.470461	1.25766	1.25766	0.262468	1.44024	1.44024	0.473812	0.796552	-1.25541	0.0855297	0.552416	-1.81023
cg17208360	SNORD115-37	0.0790675	0.0359332	0.176895	-5.65308	0.348066	0.503704	-1.98529	0.311088	0.475254	-2.10414	0.298244	0.465162	-2.14979	0.0404039	0.186291	-5.36794
cg26769186	PCYT1A	0.0790675	0.00457581	0.475348	-2.10372	0.357967	0.830091	-1.20469	0.182182	0.756595	-1.32171	0.0583163	0.656086	-1.52419	0.0728534	0.674239	-1.48315
cg26939277	ADARB2	0.079069	0.0297416	0.326182	-3.06577	0.302491	0.6264	-1.59642	0.383584	0.6762	-1.47885	0.428967	1.42419	1.42419	0.00362561	0.178361	-5.6066
cg23601468	SYN3;SYN3;TIMP3;SYN3	0.0790692	0.043767	0.18139	-5.51298	0.846077	0.866626	-1.1539	0.0791493	0.23796	-4.20238	0.674239	0.732436	-1.36531	0.330601	0.477392	-2.09472
cg00926926	ANKRD11	0.0790734	0.503122	1.35052	1.35052	0.0255224	3.23355	3.23355	0.00560718	4.99369	4.99369	0.578572	1.28163	1.28163	0.266651	0.599425	-1.66827
cg01200642	ALG9;ALG9;ALG9;ALG9;ALG9;ALG9	0.0790756	0.0476011	0.668902	-1.49499	0.420114	1.15743	1.15743	0.210203	1.2641	1.2641	0.760982	0.947289	-1.05564	0.227463	0.798615	-1.25217
cg23451221	PRAP1;PRAP1	0.0790759	0.0889524	0.33051	-3.02562	0.00336099	0.094941	-10.5329	0.0272617	0.213994	-4.67303	0.585441	0.722495	-1.38409	0.380084	0.587809	-1.70123
cg13420075	STRA6;STRA6;STRA6;STRA6	0.0790766	0.104239	0.414438	-2.41291	0.398278	0.651221	-1.53558	0.0892643	0.394833	-2.53272	0.333712	0.609891	-1.63964	0.00707479	0.177981	-5.61859
cg11478100	FGF14	0.0790768	0.0139045	0.455904	-2.19344	0.298914	0.757075	-1.32087	0.1195	0.646184	-1.54755	0.294752	0.75512	-1.32429	0.86054	0.955563	-1.0465
cg14981807	PROK2;PROK2	0.0790784	0.517811	0.833287	-1.20007	0.0489834	1.89097	1.89097	0.0921425	1.68597	1.68597	0.480998	1.22058	1.22058	0.222873	0.6989	-1.43082
cg16981615	THSD4	0.0790797	0.554622	1.29361	1.29361	0.386988	0.682518	-1.46516	0.193665	1.80836	1.80836	0.930384	0.963062	-1.03835	0.00475166	0.198878	-5.0282
cg23657377	HIP1	0.0790803	0.617072	0.902187	-1.10842	0.311351	0.807453	-1.23846	0.0636913	0.65333	-1.53062	0.980923	0.99513	-1.00489	0.88772	1.02927	1.02927
cg06210630	ATP1A2	0.0790827	0.0368249	0.127002	-7.8739	0.0137701	0.0749371	-13.3445	0.083253	0.195598	-5.11253	0.371624	0.458137	-2.18275	0.0232391	0.0994255	-10.0578
cg09127107	SLC22A23;SLC22A23	0.0790828	0.053734	2.76965	2.76965	0.767697	0.8713	-1.14771	0.461766	0.705784	-1.41686	0.651594	1.23542	1.23542	0.168069	1.98031	1.98031
cg21551191	GNL1	0.0790844	0.0046376	0.395669	-2.52737	0.0883459	1.5887	1.5887	0.509073	0.847978	-1.17928	0.372419	0.798162	-1.25288	0.218415	0.72709	-1.37535
cg06971720	PRKAA1;PRKAA1	0.0790854	0.798688	0.917137	-1.09035	0.940752	1.02548	1.02548	0.138351	1.716	1.716	0.625998	1.18085	1.18085	0.529232	0.805952	-1.24077
cg03983058	ADAMTS18	0.0790894	0.593176	0.863414	-1.15819	0.0102993	2.412	2.412	0.219426	1.42149	1.42149	0.371723	1.28374	1.28374	0.475262	0.820594	-1.21863
cg26725891	NDN;NDN	0.07909	0.678122	1.13108	1.13108	0.637061	0.869131	-1.15057	0.0769781	0.559676	-1.78675	0.967611	1.01206	1.01206	0.0071189	0.358446	-2.78982
cg06550704	ITGB4;ITGB4;ITGB4	0.0790904	0.348592	1.20439	1.20439	0.608747	1.10461	1.10461	0.357729	0.833372	-1.19994	0.767899	1.05869	1.05869	0.257342	0.796274	-1.25585
cg01801174	UFC1;UFC1	0.0790909	0.395698	0.895946	-1.11614	0.0437821	0.746209	-1.34011	0.0576698	0.762512	-1.31145	0.325029	1.13698	1.13698	0.32818	1.13597	1.13597
cg03651199	SKI	0.0790914	0.161537	1.50151	1.50151	0.88958	1.03849	1.03849	0.614547	1.14805	1.14805	0.177526	0.677309	-1.47643	0.183524	1.46764	1.46764
cg24847259	HLA-L	0.0790929	0.0438714	5.06435	5.06435	0.0492037	4.81792	4.81792	0.0518003	4.71137	4.71137	0.462132	1.68921	1.68921	0.366391	1.91538	1.91538
cg20708411	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.0790933	0.802556	1.04132	1.04132	0.00203749	2.0195	2.0195	0.393226	0.868182	-1.15183	0.259704	1.20928	1.20928	0.888842	0.977651	-1.02286
cg04202120	AMN1;AMN1	0.0790935	0.742125	1.08294	1.08294	0.935133	1.01984	1.01984	0.12025	1.50184	1.50184	0.838308	0.951892	-1.05054	0.87763	1.03788	1.03788
cg11317690	PPP2R2C;PPP2R2C	0.0790958	0.232325	1.67393	1.67393	0.00813323	4.0287	4.0287	0.477409	1.34597	1.34597	0.287848	1.57439	1.57439	0.431731	1.39102	1.39102
cg15778400	SRGAP3;SRGAP3	0.0790961	0.134846	0.523654	-1.90966	0.162187	0.549411	-1.82013	0.970154	0.985098	-1.01513	0.813498	1.09949	1.09949	0.00176088	0.16724	-5.97945
cg01985186	ZNF843	0.0790967	0.148641	1.54552	1.54552	0.324575	1.33096	1.33096	0.00618934	2.72727	2.72727	0.28419	1.36706	1.36706	0.502241	1.21092	1.21092
cg26325497	MIR525	0.0790982	0.0966743	0.525267	-1.90379	0.0116803	0.328728	-3.04202	0.0232381	0.383757	-2.60582	0.794609	0.912006	-1.09648	0.033156	0.415099	-2.40907
cg05341115	HYAL4;HYAL4	0.0790983	0.0424784	1.65304	1.65304	0.318925	1.24807	1.24807	0.305568	0.79594	-1.25638	0.0777491	0.655908	-1.52461	0.0392466	0.598581	-1.67062
cg19103175	LOC641746	0.0790985	0.748499	1.21185	1.21185	0.00397606	0.0989623	-10.1049	0.359194	1.75617	1.75617	0.667047	1.29501	1.29501	0.663482	0.769891	-1.29889
cg01505676	TGM7	0.0790991	0.104779	0.319528	-3.12961	?	?	?	0.0315669	0.197425	-5.06522	0.0572886	0.250579	-3.99076	0.0334211	0.201997	-4.95056
cg03069731	ST7;ST7	0.0790997	0.0915976	0.45598	-2.19308	0.954177	1.02459	1.02459	0.0962111	2.1646	2.1646	0.984721	0.991937	-1.00813	0.0297355	0.339077	-2.94918
cg07998236	AEBP1	0.0791004	0.0516054	3.28769	3.28769	0.00705256	6.49425	6.49425	0.33621	1.70354	1.70354	0.982802	0.988487	-1.01165	0.763003	0.850044	-1.17641
cg05188948	HEPHL1	0.0791004	0.0308698	0.25348	-3.94509	0.210233	0.489261	-2.0439	0.214953	0.493245	-2.02739	0.130303	0.41284	-2.42225	0.0239536	0.232601	-4.2992
cg17450621	PPP2R2C	0.0791004	0.749814	1.18873	1.18873	0.0415851	3.55957	3.55957	0.897402	1.0722	1.0722	0.883417	1.08252	1.08252	0.691257	0.805964	-1.24075
cg10418114	PLEKHG1	0.0791008	0.615416	0.877344	-1.1398	0.00527115	0.386604	-2.58662	0.04114	0.544054	-1.83805	0.934149	0.978877	-1.02158	0.376782	0.791117	-1.26404
cg12479878	HLX	0.0791024	0.163387	2.76586	2.76586	0.0723408	3.94117	3.94117	0.3946	1.81543	1.81543	0.367089	0.530642	-1.88451	0.0529494	0.222187	-4.50072
cg16398133	KCNK3	0.0791064	0.0709284	0.252148	-3.96593	0.748675	0.802922	-1.24545	0.4744	0.608497	-1.64339	0.0680218	0.247698	-4.03717	0.0234117	0.157363	-6.35475
cg06765022	PMS2L11	0.0791089	0.148598	0.341894	-2.92488	0.913441	0.927445	-1.07823	0.580042	0.678982	-1.47279	0.64928	1.37321	1.37321	0.0402984	0.193771	-5.16072
cg04452195	GJB2	0.0791126	0.170695	0.529541	-1.88843	0.0245367	0.311212	-3.21324	0.00891411	0.234561	-4.26329	0.36203	0.66479	-1.50423	0.095767	0.450542	-2.21955
cg21844722	PEX13;PUS10;PUS10	0.0791139	0.0764081	1.56061	1.56061	0.641142	0.899434	-1.11181	0.0183233	1.90863	1.90863	0.265167	0.769361	-1.29978	0.0967542	0.662557	-1.5093
cg22134757	PEBP4	0.0791176	0.165723	0.660312	-1.51444	0.815349	1.06788	1.06788	0.693377	0.894708	-1.11768	0.991723	1.00292	1.00292	0.0718605	0.568817	-1.75804
cg24782783	AMPD3;AMPD3;AMPD3	0.0791188	0.221345	1.94513	1.94513	0.486351	1.44206	1.44206	0.509803	0.707477	-1.41347	0.136861	2.29188	2.29188	0.419493	1.53251	1.53251
cg08633881	DGKH;DGKH	0.0791192	0.333297	0.847792	-1.17953	0.239137	0.815489	-1.22626	0.0264984	1.54529	1.54529	0.0614377	0.705655	-1.41712	0.433819	1.14127	1.14127
cg19884111	NPR3	0.0791225	0.00362074	0.20196	-4.95147	0.313595	0.654804	-1.52718	0.108605	0.491144	-2.03606	0.695041	1.17358	1.17358	0.712996	0.860627	-1.16194
cg10759651	RGS5	0.0791227	0.0459633	0.338162	-2.95716	0.040103	0.324851	-3.07833	0.062846	0.370793	-2.69692	0.32793	0.619606	-1.61393	0.014466	0.23969	-4.17205
cg00992048	NADK	0.079123	0.476266	1.20236	1.20236	0.67207	1.11442	1.11442	0.243596	0.733142	-1.36399	0.152115	1.47747	1.47747	0.693573	1.106	1.106
cg16536390	COQ2	0.0791238	0.542325	0.803588	-1.24442	0.214857	1.58869	1.58869	0.892151	1.04927	1.04927	0.266707	1.50722	1.50722	0.605355	0.831269	-1.20298
cg17255108	PTPRN2;PTPRN2;PTPRN2	0.079125	0.357356	1.40257	1.40257	0.45124	0.760083	-1.31565	0.467622	0.767861	-1.30232	0.545152	1.24465	1.24465	0.8477	1.07113	1.07113
cg27200824	RPH3AL	0.0791293	0.990899	0.99801	-1.00199	0.313871	1.19946	1.19946	0.507122	0.889132	-1.12469	0.118583	0.743911	-1.34425	0.230413	0.802767	-1.24569
cg26934609	C6orf134	0.0791299	0.0896986	0.392701	-2.54646	0.474878	0.695535	-1.43774	0.867014	0.919674	-1.08734	0.155713	0.468173	-2.13596	0.0779358	0.375798	-2.66101
cg11445542	SNX33	0.0791301	0.395119	0.621149	-1.60992	0.00751255	0.152421	-6.56079	0.0408216	0.275026	-3.63602	0.151665	0.431774	-2.31603	0.089449	0.359223	-2.78378
cg18721888	C6orf47	0.0791302	0.0246925	0.331731	-3.01449	0.372932	0.685668	-1.45843	0.166165	0.543817	-1.83885	0.360676	0.678631	-1.47355	0.0204571	0.315912	-3.16544
cg05347613	COL15A1	0.0791302	0.170705	0.739102	-1.35299	0.121116	1.41668	1.41668	0.0602821	0.644613	-1.55132	0.054314	0.636017	-1.57228	0.141786	0.720822	-1.38731
cg14568338	IGF1R	0.0791309	0.429586	1.09923	1.09923	0.468854	1.09032	1.09032	0.889588	0.983835	-1.01643	0.238201	1.15599	1.15599	0.502542	1.08311	1.08311
cg21875114	ETS1	0.0791314	0.247784	0.653225	-1.53087	0.0200019	2.68947	2.68947	0.513041	1.26337	1.26337	0.368296	0.722047	-1.38495	0.0216346	0.378365	-2.64295
cg13965062	NTRK2;NTRK2;NTRK2;NTRK2;NTRK2;NTRK2;NTRK2;NTRK2	0.0791332	0.324859	0.908184	-1.1011	0.865355	0.984052	-1.01621	0.720522	1.03462	1.03462	0.159076	0.867127	-1.15323	0.887488	1.0135	1.0135
cg17632579	PRSS12	0.079135	0.506777	1.1337	1.1337	0.0866388	0.702854	-1.42277	0.182744	1.30138	1.30138	0.501267	0.880583	-1.13561	0.515058	0.884276	-1.13087
cg14157527	FREQ	0.0791357	0.295003	0.691297	-1.44656	0.205262	0.63489	-1.57508	0.468608	1.28488	1.28488	0.419197	0.755342	-1.3239	0.376604	0.734597	-1.36129
cg07964538	CAV1	0.0791385	0.186798	1.37007	1.37007	0.824373	1.05128	1.05128	0.325733	0.795872	-1.25648	0.0712425	1.5736	1.5736	0.896997	1.02957	1.02957
cg11987090	ZBTB40;ZBTB40;ZBTB40;ZBTB40	0.0791388	0.0804412	0.543494	-1.83995	0.448595	1.27485	1.27485	0.71232	1.12352	1.12352	0.0440992	0.483195	-2.06956	0.203002	0.655355	-1.52589
cg12921992	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.0791388	0.152539	0.804746	-1.24263	0.758174	1.04475	1.04475	0.288618	1.16902	1.16902	0.290802	0.856067	-1.16813	0.441199	0.894637	-1.11777
cg13078931	SCP2;SCP2	0.0791397	0.0161452	0.215431	-4.64186	0.203369	0.49644	-2.01434	0.152974	0.45011	-2.22168	0.75117	1.18049	1.18049	0.0256252	0.250852	-3.98642
cg19074533	NANP	0.0791495	0.990459	0.996843	-1.00317	0.841188	1.0545	1.0545	0.7684	0.92487	-1.08123	0.0116811	0.434543	-2.30127	0.969991	0.990099	-1.01
cg26793289	NOTCH4	0.07915	0.518302	0.885187	-1.1297	0.414301	1.16813	1.16813	0.0168585	0.581014	-1.72113	0.0885404	0.704753	-1.41894	0.462874	0.870088	-1.14931
cg07856761	PVALB	0.0791509	0.434483	0.67712	-1.47684	0.636851	0.792535	-1.26177	0.0199741	0.253336	-3.94732	0.18082	0.499205	-2.00319	0.0248521	0.270963	-3.69053
cg01428361	RSAD1	0.0791516	0.18962	0.794649	-1.25842	0.0623953	0.706808	-1.41481	0.636742	0.924318	-1.08188	0.320369	0.843779	-1.18514	0.263512	0.82462	-1.21268
cg01726465	CDC14A;CDC14A;CDC14A	0.0791526	0.0406871	0.321588	-3.10956	0.0103658	0.212231	-4.71184	0.0705856	0.379043	-2.63822	0.19556	0.518316	-1.92932	0.0368055	0.312107	-3.20403
cg06706068	RPUSD1	0.0791528	0.736253	1.17493	1.17493	0.750703	1.16416	1.16416	0.771019	1.14931	1.14931	0.473787	1.4154	1.4154	0.021777	0.268984	-3.71769
cg08847140	HFE2;HFE2;HFE2;HFE2	0.0791554	0.287772	0.532378	-1.87836	0.452676	1.54803	1.54803	0.0199888	0.201149	-4.97145	0.641807	1.3068	1.3068	0.0870313	0.339807	-2.94285
cg16166968	ADAM30;ADAM30	0.0791561	0.0255507	6.08761	6.08761	0.0502006	4.57174	4.57174	0.051855	4.50951	4.50951	0.153569	2.82981	2.82981	0.0242176	6.22854	6.22854
cg11046593	MSGN1	0.0791572	0.605543	0.85725	-1.16652	0.391109	1.29666	1.29666	0.271648	0.712962	-1.4026	0.239476	1.43934	1.43934	0.0184441	0.42949	-2.32835
cg12035827	CASZ1;CASZ1	0.0791586	0.822688	0.964338	-1.03698	0.202832	1.24299	1.24299	0.50628	1.11528	1.11528	0.355407	1.16627	1.16627	0.945875	1.01105	1.01105
cg19651132	KCNA1	0.0791588	0.362785	1.2355	1.2355	0.335532	1.25173	1.25173	0.76035	0.93317	-1.07162	0.142161	0.699937	-1.4287	0.244811	0.75952	-1.31662
cg21088896	SGCE;SGCE;PEG10;SGCE;PEG10	0.0791594	0.427388	0.734157	-1.36211	0.00224966	5.10848	5.10848	0.990448	1.00458	1.00458	0.570569	0.803638	-1.24434	0.291685	0.658858	-1.51778
cg08739244	AMPD2;AMPD2;AMPD2	0.0791598	0.158134	0.800089	-1.24986	0.0960097	1.31023	1.31023	0.706418	0.945602	-1.05753	0.201649	0.819302	-1.22055	0.837388	0.970081	-1.03084
cg15393461	FAM114A1	0.0791607	0.937075	0.986308	-1.01388	0.0151534	1.68371	1.68371	0.549994	0.899776	-1.11139	0.431092	1.15064	1.15064	0.405023	0.861771	-1.1604
cg07474108	BMP2K;BMP2K	0.0791616	0.946852	1.01727	1.01727	0.581572	1.1537	1.1537	0.355487	0.783373	-1.27653	0.122047	0.650193	-1.538	0.202072	1.41338	1.41338
cg24411043	TSTD1;TSTD1;TSTD1	0.0791619	0.29297	1.60595	1.60595	0.665307	1.20803	1.20803	0.908645	0.951379	-1.05111	0.0400734	2.80157	2.80157	0.92369	0.959252	-1.04248
cg07237653	KIF13B	0.0791624	0.20192	0.371053	-2.69504	0.359042	0.499627	-2.00149	0.660334	0.722256	-1.38455	0.678154	0.735616	-1.35941	0.00133751	0.0323698	-30.893
cg11217840	IKZF2;IKZF2	0.0791643	0.056225	0.666463	-1.50046	0.0261673	0.609501	-1.64069	0.213218	0.781923	-1.2789	0.175019	1.31087	1.31087	0.779356	1.05412	1.05412
cg07804481	DDX59;DDX59	0.0791658	0.48348	1.76428	1.76428	0.0462199	0.138326	-7.22928	0.296459	0.417023	-2.39795	0.1476	3.61408	3.61408	0.0611778	6.08415	6.08415
cg14143519	C9orf129;WNK2	0.0791662	0.0969086	0.355001	-2.81689	0.20554	2.13627	2.13627	0.564654	1.39225	1.39225	0.175883	0.441328	-2.26589	0.00590056	0.129076	-7.74738
cg06533196	WIPI1	0.0791663	0.228514	0.535693	-1.86674	0.203197	1.94137	1.94137	0.0574971	2.88928	2.88928	0.189568	0.503441	-1.98633	0.0174311	0.239421	-4.17674
cg02458198	SPATA22;SPATA22;SPATA22;SPATA22;SPATA22;SPATA22	0.0791673	0.453635	0.889607	-1.12409	0.0479655	0.707198	-1.41403	0.00783729	0.592793	-1.68693	0.922451	0.98519	-1.01503	0.487505	0.897547	-1.11415
cg08060987	HHATL	0.0791683	0.0738617	0.530372	-1.88547	0.013223	0.376237	-2.6579	0.305615	0.713447	-1.40164	0.324028	0.723105	-1.38292	0.0128678	0.374143	-2.67278
cg26425730	FBXO5;FBXO5	0.0791683	0.00951586	2.0487	2.0487	0.447519	1.18416	1.18416	0.565245	1.13534	1.13534	0.911784	1.02449	1.02449	0.425678	0.837259	-1.19437
cg18083704	TTLL3	0.0791684	0.411608	0.666251	-1.50094	0.662231	1.23691	1.23691	0.590381	1.30063	1.30063	0.20288	0.521929	-1.91597	0.436248	0.681005	-1.46842
cg10345724	C7orf50;C7orf50;C7orf50	0.0791707	0.0376975	5.99796	5.99796	0.0119323	10.2944	10.2944	0.681917	0.736198	-1.35833	0.138007	3.277	3.277	0.0903227	4.00314	4.00314
cg05554039	MAP6;MAP6	0.0791747	0.783176	0.972461	-1.02832	0.0387969	1.27407	1.27407	0.479978	1.0754	1.0754	0.626394	0.951549	-1.05092	0.689549	1.04149	1.04149
cg11733478	CTSC;CTSC;CTSC	0.0791748	0.684933	1.06257	1.06257	0.233338	0.830339	-1.20433	0.453989	0.892717	-1.12018	0.968759	1.00584	1.00584	0.127515	1.27786	1.27786
cg26910488	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.0791758	0.772002	0.976175	-1.02441	0.00331302	1.39371	1.39371	0.409829	1.07246	1.07246	0.327089	1.08759	1.08759	0.147466	1.13769	1.13769
cg04493316	PRDM16;PRDM16	0.0791775	0.567109	0.896313	-1.11568	0.0890638	1.42596	1.42596	0.466933	1.15036	1.15036	0.628474	0.911864	-1.09665	0.991985	1.0019	1.0019
cg26309356	TNKS2	0.0791787	0.0239768	0.543712	-1.83921	0.187499	1.3717	1.3717	0.0236044	1.8433	1.8433	0.140375	0.698461	-1.43172	0.312267	0.789383	-1.26681
cg03008387	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0791787	0.129903	0.589783	-1.69554	0.128187	0.588163	-1.70021	?	?	?	0.0922266	1.81872	1.81872	0.603554	0.84444	-1.18422
cg19893316	ITPR2	0.0791805	0.634888	0.854849	-1.1698	0.508131	1.2462	1.2462	0.0271468	0.424262	-2.35704	0.0248983	0.416792	-2.39928	0.0190332	0.394294	-2.53618
cg03001012	GALNT8	0.0791824	0.0254579	0.524406	-1.90692	0.425447	1.21876	1.21876	0.175107	1.41983	1.41983	0.415473	1.22424	1.22424	0.0566769	0.591928	-1.68939
cg16764848	GNPNAT1	0.0791828	0.291472	1.50426	1.50426	0.942741	1.02716	1.02716	0.0385032	2.44548	2.44548	0.0227942	2.76329	2.76329	0.696635	1.15736	1.15736
cg06349179	RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.0791831	0.379369	1.27958	1.27958	0.11702	0.627835	-1.59278	0.00735963	0.388961	-2.57095	0.511587	1.1996	1.1996	0.50794	0.832259	-1.20155
cg14059257	KRT7	0.0791838	0.0592012	3.09184	3.09184	0.0127072	5.16014	5.16014	0.246648	1.90022	1.90022	0.720689	1.20955	1.20955	0.253246	1.88193	1.88193
cg06337592	OR5H2	0.079185	0.0063913	0.157071	-6.36654	0.489457	0.69332	-1.44233	0.219944	0.510256	-1.9598	0.394976	0.634786	-1.57534	0.00992535	0.182857	-5.46876
cg07286413	CCM2;CCM2;CCM2;CCM2	0.079185	0.032043	0.644393	-1.55185	0.560799	1.10838	1.10838	0.296218	1.20865	1.20865	0.652896	1.08243	1.08243	0.411965	1.15809	1.15809
cg15381609	MGMT	0.0791851	0.229951	1.51041	1.51041	0.172366	1.60887	1.60887	0.133832	0.588983	-1.69784	0.442068	1.29256	1.29256	0.370697	1.35114	1.35114

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20309606	0.198551	1.28409	1.28409	0.0114165	1.79076	1.79076	0.716969	1.06929	1.06929	0.0748915	0.694147	-1.44062	2.8281	1.51697	0.476794	1
cg26125550	0.0454776	0.293241	-3.41017	0.048891	0.300373	-3.3292	0.197188	0.482352	-2.07318	0.0997331	0.38107	-2.62419	2.8281	12.81	4.02627	1
cg11410731	0.036001	0.170035	-5.88116	0.851407	0.872654	-1.14593	0.239183	2.44823	2.44823	0.526501	1.59386	1.59386	2.90678	18.8926	7.42801	1
cg07618900	0.0876202	0.335957	-2.97657	0.016056	0.181822	-5.49987	0.0616678	0.295934	-3.37913	0.3103	0.544799	-1.83554	2.82806	14.9899	4.71148	1
cg11751117	0.101969	0.680221	-1.47011	0.117549	1.44185	1.44185	0.213527	1.32574	1.32574	0.693019	1.08916	1.08916	2.82804	2.07558	0.652382	1
cg03340606	0.490451	0.649114	-1.54056	0.292691	0.50993	-1.96105	0.026212	0.196518	-5.0886	0.13829	0.373622	-2.6765	2.828	17.0476	5.35835	1
cg10287482	0.0228405	0.495587	-2.01781	0.743031	1.08849	1.08849	0.4207	1.23618	1.23618	0.743965	0.918997	-1.08814	2.828	2.97554	0.935266	1
cg21044968	0.129595	0.392512	-2.54769	0.0195852	0.199719	-5.00702	0.456072	0.648224	-1.54268	0.463119	0.652775	-1.53192	2.82792	14.6077	4.59159	1
cg01746514	0.968124	1.00476	1.00476	0.0318595	0.741867	-1.34795	0.0261288	0.731033	-1.36793	0.0165364	0.706397	-1.41564	2.82789	0.631139	0.198385	1
cg24978470	0.392856	0.76857	-1.30112	0.00738782	0.354171	-2.8235	0.969296	1.01164	1.01164	0.137982	0.618587	-1.61659	2.82783	4.05014	1.2731	1
cg21295222	0.867353	0.951527	-1.05094	0.705716	0.893364	-1.11936	0.539182	0.831278	-1.20297	0.584875	0.848769	-1.17818	2.8278	3.95681	1.24378	1
cg04104738	0.226384	0.712543	-1.40342	0.715591	0.90698	-1.10256	0.0947449	0.612645	-1.63227	0.0480885	1.82724	1.82724	2.82777	3.18828	1.00221	1
cg06278461	0.00304562	0.346314	-2.88755	0.460547	0.821795	-1.21685	0.413264	1.24422	1.24422	0.591899	0.868172	-1.15185	2.82776	3.05624	0.960711	1
cg11790196	0.243977	0.784111	-1.27533	0.0119645	1.86936	1.86936	0.619661	0.904996	-1.10498	0.961434	0.990399	-1.00969	2.82773	1.78269	0.560385	1
cg17370412	0.549228	1.1519	1.1519	0.0370713	1.75929	1.75929	0.217933	1.35314	1.35314	0.365576	0.80499	-1.24225	2.82772	2.43854	0.76655	1
cg01679043	0.367664	0.628389	-1.59137	0.0104102	0.197971	-5.05124	0.100901	0.405737	-2.46465	0.33488	0.606952	-1.64758	2.82771	11.2888	3.54863	1
cg20732304	0.082041	0.308685	-3.23955	0.0198345	0.179806	-5.56154	0.0130321	0.1527	-6.54881	0.168222	0.408259	-2.44942	2.8277	16.6679	5.23956	1
cg23989110	0.624265	0.894842	-1.11752	0.243985	1.31567	1.31567	0.196346	0.735298	-1.35999	0.138203	0.6982	-1.43226	2.82762	2.26849	0.713121	1
cg10905918	0.523787	0.846673	-1.18109	0.828974	0.945794	-1.05731	0.0208114	0.488339	-2.04776	0.267437	1.34665	1.34665	2.8276	2.97203	0.93429	1
cg06333233	0.502819	0.631353	-1.5839	0.216533	0.415012	-2.40957	0.154619	0.356885	-2.80203	0.796966	0.839996	-1.19048	2.8276	20.4819	6.43873	1
cg19483159	0.876784	0.955594	-1.04647	0.0510061	0.521686	-1.91686	0.270848	0.714903	-1.39879	0.74909	1.0985	1.0985	2.86269	3.45386	1.20651	1
cg06641336	0.466386	0.93559	-1.06884	0.236515	1.11785	1.11785	0.205972	0.887067	-1.12731	0.534874	0.945112	-1.05808	2.8276	0.361318	0.113585	1
cg16496592	0.522668	0.901669	-1.10905	0.195394	1.24456	1.24456	0.380286	1.15464	1.15464	0.720261	0.944168	-1.05913	2.82754	1.14304	0.359337	1
cg08731720	0.13584	1.35111	1.35111	0.851253	0.965464	-1.03577	0.113105	1.38106	1.38106	0.121278	1.36962	1.36962	2.86262	1.41267	0.493487	1
cg04946327	0.813256	0.887046	-1.12734	0.504221	0.70945	-1.40954	0.219774	1.92236	1.92236	0.982361	1.01126	1.01126	2.82752	11.4881	3.61151	1
cg03355526	0.789225	0.940171	-1.06364	0.0720523	0.62981	-1.58778	0.819361	0.948692	-1.05408	0.215234	1.35037	1.35037	2.82751	2.3744	0.746444	1
cg04232586	0.00460207	0.440496	-2.27017	0.417914	0.835313	-1.19716	0.0550538	0.623208	-1.6046	0.851799	0.960159	-1.04149	2.8275	2.11624	0.665286	1
cg13144059	0.144853	0.277787	-3.59988	0.025039	0.112956	-8.853	0.162345	0.29515	-3.38811	0.399522	0.493858	-2.02487	2.82743	29.9649	9.42036	1
cg13947334	0.284534	0.642534	-1.55634	0.0165834	0.312139	-3.2037	0.0586435	0.427454	-2.33943	0.203688	0.586364	-1.70542	2.82743	7.08955	2.22882	1
cg23197007	0.316137	0.723537	-1.3821	0.0233008	0.428913	-2.33148	0.0452235	0.48805	-2.04897	0.114119	0.584708	-1.71026	2.82739	4.36568	1.3725	1
cg17208360	0.368738	0.519286	-1.92572	0.0083177	0.0912356	-10.9606	0.0310509	0.165832	-6.03022	0.0953309	0.272329	-3.67203	2.82734	22.5619	7.09324	1
cg26769186	0.156098	0.741631	-1.34838	0.437495	1.16885	1.16885	0.600061	0.901029	-1.10984	0.209109	0.770429	-1.29798	2.82734	1.73767	0.546307	1
cg26939277	0.316997	0.635714	-1.57303	0.834611	1.09588	1.09588	0.84827	0.91954	-1.0875	0.377088	0.67239	-1.48723	2.82732	8.58759	2.69987	1
cg23601468	0.922325	1.07448	1.07448	0.00327161	0.0522052	-19.1552	0.419137	0.544426	-1.8368	0.12653	0.296	-3.37838	2.82732	24.2919	7.6372	1
cg00926926	0.326271	1.56547	1.56547	0.469161	1.38495	1.38495	0.198692	1.82325	1.82325	0.63876	0.811326	-1.23255	2.82726	8.75613	2.75293	1
cg01200642	0.326013	0.835279	-1.19721	0.00568872	0.525325	-1.90359	0.705614	1.06968	1.06968	0.835028	0.963663	-1.03771	2.82722	1.41058	0.443491	1
cg23451221	0.1235	0.373603	-2.67664	0.434032	0.624324	-1.60173	0.370065	0.580876	-1.72154	0.825848	0.878056	-1.13888	2.82722	15.5942	4.90287	1
cg13420075	0.834155	1.10958	1.10958	0.0189868	0.244493	-4.0901	0.0933666	0.400401	-2.49749	0.25662	0.555875	-1.79896	2.82721	11.0128	3.46248	1
cg11478100	0.361826	0.784835	-1.27415	0.00658558	0.401714	-2.48934	0.809421	0.939457	-1.06444	0.492724	1.19731	1.19731	2.82721	2.99164	0.940586	1
cg14981807	0.121836	1.60216	1.60216	0.048068	0.527014	-1.89748	0.0792832	1.73264	1.73264	0.495978	1.21207	1.21207	3.02795	3.61701	0.929087	1
cg16981615	0.131744	0.496182	-2.01539	0.0806988	0.434144	-2.30338	0.842961	0.918111	-1.08919	0.294507	0.62605	-1.59732	2.82717	8.30781	2.61206	1
cg23657377	0.248448	0.781649	-1.27935	0.00231387	0.419346	-2.38466	0.365502	0.82708	-1.20907	0.609505	1.11092	1.11092	2.82716	1.86689	0.586969	1
cg06210630	0.0650091	0.171519	-5.83027	0.13699	0.255872	-3.9082	0.617246	0.651329	-1.53532	0.085966	0.198972	-5.02584	2.82712	32.4207	10.1935	1
cg09127107	0.0601943	2.68025	2.68025	0.00918473	4.65743	4.65743	0.393681	1.50134	1.50134	0.0502854	2.82322	2.82322	2.82712	9.68556	3.04528	1
cg21551191	0.803069	1.06345	1.06345	0.619297	1.13123	1.13123	0.574787	1.14975	1.14975	0.259546	0.748592	-1.33584	2.8271	2.71376	0.853256	1
cg06971720	0.647639	0.855779	-1.16853	0.00258625	0.243336	-4.10955	0.740557	1.11903	1.11903	0.397752	1.34051	1.34051	2.82708	5.12881	1.6126	1
cg03983058	0.282937	1.35506	1.35506	0.0104899	2.40417	2.40417	0.198906	1.44731	1.44731	0.593397	1.15809	1.15809	2.82702	3.32085	1.04416	1
cg26725891	0.910289	0.967282	-1.03382	0.330201	1.3452	1.3452	0.0518871	0.52056	-1.92101	0.0950461	0.581944	-1.71838	2.82701	3.89991	1.22624	1
cg06550704	0.00396045	0.473882	-2.11023	0.265855	0.799761	-1.25037	0.273133	0.802681	-1.24582	0.0622474	0.667308	-1.49856	2.82701	1.6629	0.522861	1
cg01801174	0.236824	0.855076	-1.16949	0.142369	0.819377	-1.22044	0.112357	0.80384	-1.24403	0.0834153	1.27388	1.27388	2.827	0.714436	0.224639	1
cg03651199	0.0434947	0.531942	-1.8799	0.0242135	2.07622	2.07622	0.172892	1.48344	1.48344	0.205379	1.43801	1.43801	2.82699	3.3098	1.0407	1
cg24847259	0.0839082	3.81731	3.81731	0.0323953	5.77954	5.77954	0.0367604	5.46956	5.46956	0.027848	6.17471	6.17471	2.82697	21.9616	6.90543	1
cg20708411	0.844837	1.03218	1.03218	0.441976	0.880989	-1.13509	0.563394	0.909906	-1.09901	0.869341	0.973743	-1.02696	2.82697	1.16953	0.367739	1
cg04202120	0.0194277	1.97754	1.97754	0.0223118	1.93629	1.93629	0.735042	1.08542	1.08542	0.0548404	0.591271	-1.69127	2.82696	2.60699	0.819723	1
cg11317690	0.0341135	2.7649	2.7649	0.0212211	3.1245	3.1245	0.309676	1.54094	1.54094	0.514673	0.762038	-1.31227	2.82693	7.57397	2.38153	1
cg15778400	0.32996	0.668013	-1.49698	0.414005	0.715253	-1.39811	0.380418	0.696931	-1.43486	0.28353	0.639454	-1.56383	2.82692	7.21062	2.26729	1
cg01985186	0.100911	1.65684	1.65684	0.171181	1.50602	1.50602	0.0303697	2.04475	2.04475	0.0298329	2.05115	2.05115	2.82692	3.53611	1.11189	1
cg26325497	0.119784	0.551067	-1.81466	0.317002	0.694055	-1.44081	0.0766183	0.498909	-2.00437	0.173339	0.599602	-1.66777	2.82689	5.58056	1.75475	1
cg05341115	0.366653	1.22082	1.22082	0.0832789	0.662001	-1.51057	0.686641	0.916449	-1.09117	0.438781	0.843755	-1.18518	2.82689	2.07214	0.651566	1
cg19103175	0.571643	1.40695	1.40695	0.137449	2.60007	2.60007	0.248551	2.0554	2.0554	0.338348	1.80313	1.80313	2.82689	15.974	5.02286	1
cg01505676	0.135362	0.354931	-2.81745	0.0702911	0.271967	-3.67692	0.27026	0.477712	-2.09331	0.0285896	0.189721	-5.2709	2.86196	16.6865	5.83046	1
cg03069731	0.933162	0.965161	-1.0361	0.479988	0.7382	-1.35465	0.129069	2.00044	2.00044	0.0363983	0.357629	-2.7962	2.82687	8.00139	2.51598	1
cg07998236	0.155897	2.26053	2.26053	0.450152	1.51193	1.51193	0.020842	4.4557	4.4557	0.195677	2.08582	2.08582	2.82686	12.9213	4.06303	1
cg05188948	0.0146279	0.196388	-5.09196	0.0306061	0.252746	-3.95654	0.197431	0.478223	-2.09107	0.186282	0.468308	-2.13535	2.82686	13.124	4.12676	1
cg17450621	0.787719	1.15702	1.15702	0.00699195	0.151821	-6.58669	0.0947253	0.370678	-2.69776	0.413872	0.636743	-1.57049	2.82686	13.074	4.11105	1
cg10418114	0.310142	0.762377	-1.31169	0.13386	1.51843	1.51843	0.717492	1.09842	1.09842	0.534384	0.849962	-1.17652	2.82685	2.9881	0.939591	1
cg12479878	0.107807	3.32054	3.32054	0.0508883	4.57725	4.57725	0.215658	2.43814	2.43814	0.372004	0.534273	-1.8717	2.82683	20.9405	6.58469	1
cg16398133	0.153655	0.352356	-2.83804	0.00888059	0.102917	-9.71661	0.151682	0.350341	-2.85436	0.0671773	0.246385	-4.05868	2.82677	20.875	6.56421	1
cg06765022	0.887955	0.906962	-1.10258	0.116646	0.306993	-3.25741	0.00355521	0.0647983	-15.4325	0.924059	0.936087	-1.06828	2.82674	21.4831	6.75552	1
cg04452195	0.11057	0.468737	-2.13339	0.040344	0.356271	-2.80685	0.124817	0.484772	-2.06283	0.871942	0.932115	-1.07283	2.82668	8.5016	2.67344	1
cg21844722	0.0654716	0.62699	-1.59492	0.999903	1.00003	1.00003	0.669386	0.907571	-1.10184	0.740901	1.0778	1.0778	2.82666	2.28231	0.717709	1
cg22134757	0.342475	1.316	1.316	0.00656567	2.69448	2.69448	0.324344	1.33078	1.33078	0.311796	1.34149	1.34149	2.82661	3.52891	1.10974	1
cg24782783	0.168117	2.13875	2.13875	0.00432134	7.20179	7.20179	0.0593172	3.00969	3.00969	0.070909	2.84151	2.84151	2.82659	11.9914	3.77099	1
cg08633881	0.0750563	0.720369	-1.38818	0.959646	0.991663	-1.00841	0.956294	1.00911	1.00911	0.0612625	0.705448	-1.41754	2.82658	1.22551	0.385391	1
cg19884111	0.678258	1.18469	1.18469	0.18765	0.567066	-1.76346	0.294107	1.55597	1.55597	0.211417	0.585745	-1.70723	2.82654	7.38865	2.32358	1
cg10759651	0.0638296	0.372495	-2.6846	0.0810525	0.399757	-2.50152	0.0457613	0.337724	-2.961	0.28777	0.592643	-1.68736	2.82653	10.0585	3.1632	1
cg00992048	0.12317	1.52945	1.52945	0.800514	0.937612	-1.06654	0.00550792	2.53033	2.53033	0.0435522	1.80484	1.80484	2.82653	2.89781	0.911306	1
cg16536390	0.625088	0.839791	-1.19077	0.00397958	0.253428	-3.94589	0.101305	0.529355	-1.88909	0.289487	0.677191	-1.47669	2.82652	5.62692	1.76957	1
cg17255108	0.0651607	0.477121	-2.0959	0.00609803	0.278179	-3.59481	0.681927	1.15867	1.15867	0.0572402	0.463575	-2.15715	2.8265	5.71801	1.79822	1
cg27200824	0.821577	0.961328	-1.04023	0.00428404	1.94862	1.94862	0.626296	0.917883	-1.08946	0.436365	0.870535	-1.14872	2.82644	1.36477	0.429207	1
cg26934609	0.0220582	0.253656	-3.94235	0.253879	1.8136	1.8136	0.182261	2.02852	2.02852	0.207845	1.94163	1.94163	2.82643	11.1747	3.51435	1
cg11445542	0.515517	0.697319	-1.43406	0.0173581	0.20515	-4.87448	0.749696	0.83945	-1.19126	0.411255	0.631672	-1.5831	2.82642	13.3817	4.20846	1
cg18721888	0.110092	0.487499	-2.05129	0.0105364	0.265104	-3.77211	0.11772	0.496139	-2.01556	0.140621	0.520013	-1.92303	2.82642	7.61887	2.39608	1
cg05347613	0.758375	0.938059	-1.06603	0.106084	1.44162	1.44162	0.113862	0.700145	-1.42828	0.613356	1.11137	1.11137	2.82642	1.92243	0.604589	1
cg14568338	0.841117	1.02383	1.02383	0.00839244	0.67363	-1.48449	0.306948	1.13212	1.13212	0.0292077	1.35186	1.35186	2.82641	0.61624	0.193804	1
cg21875114	0.459413	0.766847	-1.30404	0.227501	1.56279	1.56279	0.452592	0.763632	-1.30953	0.463665	1.30066	1.30066	2.82641	5.55966	1.74848	1
cg13965062	0.131594	0.857108	-1.16671	0.00311985	0.68187	-1.46656	0.242155	1.12295	1.12295	0.452114	0.930004	-1.07526	2.82638	0.401691	0.126331	1
cg17632579	0.0338531	0.630289	-1.58657	0.628016	0.913048	-1.09523	0.031498	1.59991	1.59991	0.199775	1.28708	1.28708	2.82635	1.55382	0.488676	1
cg14157527	0.461622	0.775101	-1.29015	0.00272692	0.244967	-4.08219	0.0484621	0.464695	-2.15195	0.942895	0.975942	-1.02465	2.82634	5.17268	1.62682	1
cg07964538	0.199545	0.737148	-1.35658	0.130245	0.692303	-1.44445	0.0625809	0.624048	-1.60244	0.0419781	1.69441	1.69441	2.8263	2.26622	0.712739	1
cg11987090	0.930275	0.972856	-1.0279	0.036864	2.14332	2.14332	0.216545	1.50516	1.50516	0.155679	1.61232	1.61232	2.8263	4.42603	1.39201	1
cg12921992	0.330116	0.867216	-1.15312	0.00786132	0.616642	-1.62169	0.548088	1.08998	1.08998	0.0777149	1.32041	1.32041	2.8263	0.899564	0.282919	1
cg13078931	0.349379	0.60505	-1.65276	0.0205084	0.233174	-4.28865	0.947096	0.965981	-1.03522	0.0905853	0.378126	-2.64462	2.82628	12.177	3.82977	1
cg19074533	0.101712	0.622583	-1.60621	0.0380066	0.529287	-1.88934	0.0685479	1.71479	1.71479	0.913614	0.971706	-1.02912	2.82614	3.13131	0.984873	1
cg26793289	0.329167	0.828993	-1.20628	0.02457	1.64653	1.64653	0.704611	1.0735	1.0735	0.601154	0.906448	-1.10321	2.82613	1.55227	0.488226	1
cg07856761	0.334904	0.61494	-1.62618	0.0162289	0.237529	-4.21	0.0333944	0.296567	-3.37192	0.175395	0.494322	-2.02297	2.82612	10.7004	3.36557	1
cg01428361	0.0176775	0.620411	-1.61183	0.00528037	0.544231	-1.83745	0.306784	0.839426	-1.19129	0.945295	1.01142	1.01142	2.82611	1.22501	0.385301	1
cg01726465	0.0788659	0.391856	-2.55196	0.050319	0.342619	-2.91869	0.245445	0.558088	-1.79183	0.372842	0.644536	-1.5515	2.82609	10.3163	3.24479	1
cg06706068	0.18253	0.50936	-1.96325	0.817832	1.1163	1.1163	0.00924238	4.83276	4.83276	0.617103	1.27172	1.27172	2.82609	10.178	3.20128	1
cg08847140	0.0217701	0.207434	-4.82081	0.121029	0.382776	-2.61249	0.533057	0.697248	-1.43421	0.0487652	0.276514	-3.61645	2.82605	14.6023	4.59292	1
cg16166968	0.454158	1.68045	1.68045	0.303729	2.06509	2.06509	0.0264115	6.00216	6.00216	0.0768784	3.81657	3.81657	2.82604	20.7437	6.52461	1
cg11046593	0.129675	1.62259	1.62259	0.137883	0.623528	-1.60378	0.0879163	1.74513	1.74513	0.416842	1.27804	1.27804	2.82603	3.91232	1.23057	1
cg12035827	0.288229	0.836618	-1.19529	0.00426899	0.538718	-1.85626	0.0993011	0.746525	-1.33954	0.937305	1.01281	1.01281	2.82601	1.17164	0.368528	1
cg19651132	0.0134102	1.9983	1.9983	0.122692	0.68513	-1.45958	0.59394	1.12937	1.12937	0.10333	0.668437	-1.49603	2.826	2.28785	0.719618	1
cg21088896	0.630392	0.831192	-1.20309	0.572807	1.24273	1.24273	0.641875	0.836424	-1.19557	0.482987	1.31245	1.31245	2.82599	6.50942	2.04747	1
cg08739244	0.158877	1.2493	1.2493	0.0109976	1.60248	1.60248	0.232867	1.20311	1.20311	0.454401	0.893476	-1.11922	2.82599	0.977875	0.307582	1
cg15393461	0.173676	1.28756	1.28756	0.0195963	0.611125	-1.63633	0.377935	1.17113	1.17113	0.743587	0.944297	-1.05899	2.82598	1.36464	0.429238	1
cg07474108	0.6976	0.904567	-1.1055	0.00981722	0.432373	-2.31282	0.728901	1.09349	1.09349	0.0244528	0.50228	-1.99092	2.82596	2.95307	0.92887	1
cg24411043	0.411572	1.4399	1.4399	0.0647582	2.46136	2.46136	0.00367508	5.50264	5.50264	0.188854	1.83027	1.83027	2.82596	8.43862	2.65432	1
cg07237653	0.230368	0.396196	-2.524	0.653366	0.717052	-1.3946	0.756869	0.795731	-1.25671	0.216173	0.3838	-2.60553	2.82595	24.2295	7.62126	1
cg11217840	0.254611	1.25011	1.25011	0.100272	0.713255	-1.40202	0.627739	1.09604	1.09604	0.219211	1.27441	1.27441	2.82592	1.57625	0.495808	1
cg07804481	?	?	?	?	?	?	0.109058	0.231895	-4.3123	0.21572	0.345287	-2.89614	3.83175	26.9556	5.02486	1
cg14143519	0.145536	0.411379	-2.43085	0.211106	0.472914	-2.11455	0.444485	0.642076	-1.55745	0.219192	0.47979	-2.08424	2.82589	14.4576	4.54766	1
cg06533196	0.232036	0.538462	-1.85714	0.49042	1.41337	1.41337	0.186533	0.500782	-1.99688	0.927893	1.04572	1.04572	2.82589	10.9169	3.43393	1
cg02458198	0.0512842	0.711714	-1.40506	0.915497	0.983867	-1.0164	0.469782	1.11928	1.11928	0.253775	1.20036	1.20036	2.82588	1.05092	0.33057	1
cg08060987	0.181522	0.636698	-1.5706	0.0921582	0.554293	-1.8041	0.323856	0.723016	-1.38309	0.0370537	0.462699	-2.16123	2.82586	4.53444	1.42633	1
cg26425730	0.270379	1.28478	1.28478	0.00991601	2.03668	2.03668	0.111139	1.46075	1.46075	0.831508	1.04762	1.04762	2.82586	2.13384	0.671209	1
cg18083704	0.24322	0.553961	-1.80518	0.938435	1.03807	1.03807	0.00411487	6.43372	6.43372	0.204066	1.91235	1.91235	2.82586	10.4713	3.2938	1
cg10345724	0.814941	1.19035	1.19035	0.743115	1.27686	1.27686	0.111332	3.62902	3.62902	0.0299099	6.67628	6.67628	2.82583	24.7184	7.77538	1
cg05554039	0.512841	0.935019	-1.0695	0.00485539	0.685181	-1.45947	0.627525	1.05074	1.05074	0.667893	1.04466	1.04466	2.82577	0.458643	0.144273	1
cg11733478	0.0871195	1.32455	1.32455	0.00922269	0.61155	-1.63519	0.359772	0.869277	-1.15038	0.200655	0.817824	-1.22276	2.82577	0.990737	0.311652	1
cg26910488	0.347707	1.08355	1.08355	0.153979	0.881023	-1.13504	0.610964	1.0435	1.0435	0.665706	0.964566	-1.03674	2.82575	0.308278	0.0969742	1
cg04493316	0.0144464	1.76894	1.76894	0.00791617	1.90497	1.90497	0.452292	1.15592	1.15592	0.839646	1.03908	1.03908	2.82573	1.60245	0.504082	1
cg26309356	0.512554	0.860475	-1.16215	0.545477	0.87072	-1.14847	0.915787	1.02422	1.02422	0.415617	1.20714	1.20714	2.82571	2.291	0.720685	1
cg03008387	0.0430356	2.11996	2.11996	0.0716904	0.522556	-1.91367	0.295606	0.704662	-1.41912	0.646225	0.86143	-1.16086	2.86076	4.19491	1.46636	1
cg19893316	0.418761	0.762715	-1.31111	0.329392	0.718921	-1.39097	0.562299	0.825252	-1.21175	0.0378133	0.454003	-2.20263	2.82568	4.81017	1.51316	1
cg03001012	0.437074	0.824725	-1.21253	0.409971	1.22731	1.22731	0.061656	1.66804	1.66804	0.447708	0.828537	-1.20695	2.82566	2.64423	0.831816	1
cg16764848	0.261423	0.646064	-1.54783	0.403455	1.37562	1.37562	0.163025	1.74267	1.74267	0.0138647	3.10868	3.10868	2.82565	6.22671	1.95879	1
cg06349179	0.927138	1.02532	1.02532	0.0673602	1.7513	1.7513	0.263332	0.72704	-1.37544	0.715556	0.904795	-1.10522	2.82565	3.34439	1.05208	1
cg14059257	0.0367513	3.61723	3.61723	0.463491	1.485	1.485	0.0286544	3.92717	3.92717	0.0390423	3.54587	3.54587	2.82564	12.5661	3.95306	1
cg06337592	0.12143	0.416473	-2.40111	0.288017	0.562467	-1.77788	0.152209	0.449291	-2.22573	0.148249	0.4453	-2.24568	2.82562	12.1778	3.83093	1
cg07286413	0.887661	1.02504	1.02504	0.0333412	0.647189	-1.54514	0.0532708	0.681019	-1.46839	0.171097	1.29043	1.29043	2.82562	1.3699	0.430947	1
cg15381609	0.199392	1.55879	1.55879	0.0163763	2.61336	2.61336	0.0138265	2.70763	2.70763	0.402597	1.32371	1.32371	2.82562	4.79683	1.509	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(5 vs. 537 vs. N)	Fold-Change(5 vs. 563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ug|4234092	VASH1	0.0791863	0.573132	1.24217	1.24217	1.03124	0.28963	1.28963	0.00672009	3.81451	3.81451	0.226437	1.622318	1.62218	0.600215	0.817515	1.22322	0.350413	1.4421	1.4421	0.144005	1.81799	1.81799	0.170103	1.74466	1.74466	0.396845	1.39163	2.8256	6.49284	2.04255	
ug|02273342	P2RY6;P2RY6	0.0791877	0.594008	1.1587	1.1587	0.2095139	0.49574	-2.01718	0.01679669	0.49482	-2.22311	0.679711	1.12037	1.12037	0.312875	0.751414	-1.33082	0.7837	0.927433	1.07624	0.602967	1.86825	1.86825	0.792062	1.07502	1.07502	0.558756	0.850541	-1.17572	2.82558	3.35439	1.10525	1
ug|16759895	4	0.079188	0.47749	0.821797	-1.21685	0.5318845	1.18778	1.18778	0.0736987	0.58171	-1.71907	0.518858	0.837181	-1.19448	0.0595886	0.561164	-1.78201	0.939294	1.02091	1.02091	0.00437087	0.3554313	-2.81363	0.0896929	0.601471	-1.66259	0.361396	0.774954	-1.2904	2.82557	3.30452	1.03956	1
ug|15601535	SRDSA3	0.0791886	0.566222	0.92959	-1.07574	0.9254484	1.26249	1.26249	0.0203772	1.42192	1.42192	0.0338588	1.36607	1.36607	0.60089	1.06872	1.06872	0.987816	0.998079	-1.00192	0.0539	0.759148	-1.31727	0.980204	1.00313	1.00313	0.939308	0.990458	-1.09663	2.82557	0.709515	0.223205	1
ug|17032848	P1	0.0791897	0.148055	0.611501	-1.63532	0.9296326	1.02839	1.02839	0.0907836	0.554005	-1.80504	0.226464	0.668618	-1.49562	0.0237976	0.425232	-2.35166	0.417586	0.769072	-1.30027	0.00887752	0.347999	-2.87358	0.284486	1.42249	1.42249	0.558187	0.828868	-1.20646	2.82555	4.49598	1.41439	1
ug|16240610	TRIM26	0.0791908	0.921553	0.982361	-1.01796	0.10124155	0.570005	-1.75437	0.263187	0.830034	-1.23452	0.782986	0.95134	-1.05115	0.00754477	0.520026	-1.92299	0.70969	1.0699	1.0699	0.9609294	0.9990956	-1.08099	0.691551	1.07471	1.07471	0.8909887	1.02509	1.02509	2.82553	1.46078	0.45995	1
ug|20123962	GLDAP1;DLGAP1	0.0791916	0.620969	0.847271	-1.18056	0.152907	0.59135	-1.69105	0.0752399	0.980405	-1.01071	0.34761	1.3936	1.3936	0.935896	0.972771	-1.02799	0.965681	1.01488	1.01488	0.631838	1.19801	1.19801	0.0123145	1.29466	1.29466	0.012588	2.9175	2.9175	2.82552	1.72062	1.65381	1
ug|20479870	IGF1R	0.079192	0.0587097	1.29023	1.29023	0.0866055	1.25343	1.25343	0.127595	1.21727	1.21727	0.958032	1.0063	1.0063	0.906798	1.01408	1.01408	0.41969	0.906293	-1.1034	0.079624	0.792816	-1.26133	0.591808	1.06673	1.06673	0.0182855	1.40747	1.40747	2.82552	0.637303	0.200491	1
ug|15246232	RPIA	0.0791937	7	7	7	0.5	1.07183	1.07183	0.16868	7	7	0.0203205	1.214794	1.45563	7	7	1.45563	0.172211	0.457046	-2.18796	0.131127	2.106888	-2.10688	0.654791	1.27177	1.27177	7	2.22739	7.91743	3.43448	1
ug|23490715	ABHD10	0.0791943	0.0963268	1.25164	1.25164	0.308301	0.883961	-1.13127	0.368448	0.892655	-1.12025	0.0350338	1.35246	1.35246	0.0354429	1.35696	1.35696	0.290364	1.44441	1.44441	0.0907774	0.799434	-1.25089	0.390826	1.11414	1.11414	0.412025	1.10861	1.10861	2.82548	0.671684	0.212726	1
ug|19157567	TRIM4;TRIM4	0.079195	0.154711	0.31596	-2.09776	0.213188	0.766511	-1.30461	0.593289	0.629042	-1.47846	0.557469	0.652061	-1.5186	0.289596	0.4483	-2.23065	0.0991808	0.272104	-3.67615	0.00744038	0.119617	11.9937	0.0150455	0.329201	-3.03683	0.316287	0.47391	-2.11181	2.82548	23.3455	7.33129	1
ug|26831712	MMS19	0.0791954	0.780717	0.892576	-1.12035	0.0629625	0.426632	-2.34394	0.0615923	0.920046	-1.0869	0.0384847	0.376078	-2.65479	0.0569619	0.410951	-2.40413	0.0304283	0.354894	-2.81774	0.018093	0.213292	-3.91991	0.585373	1.12549	1.12549	0.290352	0.639635	-1.56339	2.82547	7.42055	2.3345	1
ug|05943476	TGFA;TGFA;TGFA;TGFA	0.0791967	0.424941	0.788823	-1.26771	0.698262	1.12009	1.12009	0.0142305	2.41173	2.41173	0.849769	0.946292	-1.05676	0.204133	0.676957	-1.4772	0.393392	0.757287	-1.32085	?	?	0.0402942	0.193884	1.93884	0.134808	1.53896	1.59896	2.80849	3.41303	1.19316	1
ug|27582123	EPHA2	0.0791983	0.846909	1.05977	1.05977	0.4223361	1.17912	1.27912	0.557118	1.19524	1.19524	0.896246	0.961571	-1.03956	0.0820163	0.560595	-1.78382	0.388974	0.767073	-1.30366	0.0482229	0.507602	-1.97005	0.0322194	0.40708	2.45644	0.043685	2.30615	2.82546	4.03685	1.27001	1
ug|13098800	MIR1185-2;MIR1185-1	0.0792003	0.259429	0.607796	-1.64529	0.683355	0.840664	-1.18954	0.011365	0.261545	-3.82343	0.931358	0.964195	-1.03713	0.160763	0.530442	-1.88522	0.384606	0.685727	-1.45831	0.00499406	0.207536	-4.81845	0.835861	0.91594	-1.09177	0.234276	0.589966	-1.69501	2.82539	8.01511	2.52161	1
ug|16694741	STAC2	0.0792025	0.182955	1.15056	1.31656	0.326986	0.821338	-1.21767	0.683786	0.923892	-1.08238	0.824925	1.04496	1.04496	0.0246347	0.594027	-1.68343	0.0691139	0.673126	-1.48561	0.0783968	1.46318	1.46318	0.103812	1.41365	1.41365	0.877751	0.970486	-1.03041	2.82536	1.60493	0.533244	1
ug|20899532	HEG1	0.0792039	0.00845743	0.188331	-5.30972	0.0208128	0.287446	-3.47931	0.0338093	0.256104	-3.90334	0.0142344	0.187799	-5.32564	0.0026772	0.2613	-3.82744	0.260943	0.564435	-1.77043	0.0817255	0.383867	-2.60641	0.978978	0.987001	-1.01317	0.134729	0.448981	-2.22727	2.82534	11.0042	3.47151	1
ug|05897028	PIEX1	0.0792047	0.19394	0.49492	-2.02053	0.1290777	2.314827	2.314827	0.953218	0.970422	-1.03048	0.490336	1.43128	1.43128	0.0351156	0.284738	-3.512	0.620982	0.77486	-1.29056	0.0116315	0.199084	-5.02299	0.401336	1.55208	1.55208	0.316449	0.588593	-1.69897	2.82533	11.7191	3.68699	1
ug|08436756	SHANK2	0.0792057	0.0637105	1.42264	1.42264	0.0389752	1.29185	1.29185	0.0934269	0.659085	-1.51726	0.221223	0.840874	-1.18945	0.0178446	0.492192	-2.03144	0.349155	0.849599	-1.17703	0.0597707	0.697599	-1.43349	0.314632	1.19226	1.19226	0.40683	1.86532	1.86532	2.82531	1.25971	0.402619	1
ug|26004639	ACOX3;ACOX3	0.0792062	0.288816	0.816768	-1.22434	0.3142409	1.21082	1.21082	0.520569	1.12717	1.12717	0.0195841	0.594529	-1.68206	0.0962612	1.39894	1.39894	0.257912	0.804927	-1.24235	0.125274	1.35661	1.35661	0.0873251	1.41477	1.41477	0.856542	1.03382	1.03382	2.82531	1.51187	0.475661	1
ug|26225496	PLEK2	0.0792063	0.8958894	1.04144	1.04144	0.0708883	0.572979	-1.27739	0.0678158	0.3687	1.0027	0.0178642	0.88989	-1.06395	0.0178642	0.3687	1.0027	0.0991705	0.24662	-4.05455	0.0179555	0.17031	-5.87035	0.0139555	0.29071	-3.44084	0.0412299	0.1089	0.0412299	0.1089	3.18358	3.2829	1
ug|26771384	MCM9	0.079208	0.00917561	0.540022	-1.85178	0.802842	1.04769	1.04769	0.482564	1.14215	1.14215	0.873168	1.0302	1.0302	0.0119968	0.557872	1.79253	0.204811	0.779454	-1.28295	0.879693	0.972187	-1.02861	0.15549	0.753482	-1.32717	0.433385	0.861673	-1.16053	2.82528	1.5519	0.488257	1
ug|06495060	LAMC1	0.0792083	0.0794091	0.722882	-1.38335	0.397067	0.865435	-1.15549	0.440403	1.15134	1.15134	0.162369	0.780364	-1.28145	0.254669	0.820192	-1.21923	0.806324	1.04179	1.04179	0.00294098	0.506288	-1.97516	0.593486	0.914119	-1.09395	0.923946	1.01604	1.01604	2.82528	1.24284	0.391023	1
ug|20600210	APCDD1L	0.0792093	0.607936	0.847614	-1.18011	0.2534413	0.511097	-1.09756	0.497779	1.78232	1.78232	0.0260267	2.34086	2.34086	0.814303	0.820739	-1.21841	0.512214	1.14735	1.14735	0.0054879	0.0466329	-21.4441	0.0604497	5.91562	5.91562	0.243798	2.78403	2.82528	31.5436	9.92425	1
ug|24392274	C9orf16	0.0792144	0.0487419	0.433744	-2.30551	0.500818	1.28863	1.28863	0.343818	0.696364	-1.43603	0.810201	1.0934	1.0934	0.0407876	0.416295	-2.40214	0.241447	1.57622	1.57622	0.167373	0.579162	-1.72663	0.282191	1.51394	1.51394	0.0281178	0.381699	-2.61787	2.82519	6.16199	1.93875	1
ug|19225923	GTF9HL	0.0792153	0.0193084	0.849724	-1.1768	0.333513	0.845009	-1.20182	0.643287	1.29674	1.29674	0.24469	0.558204	1.79018	?	?	?	0.131686	0.289688	-3.45109	?	?	?	?	2.44541	2.44541	0.143831	0.458341	2.82512	20.8008	2.98001	1
ug|21203219	PLEKHF1	0.0792155	0.126408	0.756039	-1.33225	0.937422	1.10372	1.10372	0.33913	0.843874	-1.18642	0.975887	0.99477	-1.00526	0.0630356	1.43735	1.43735	0.307055	1.20136	1.20136	0.00635966	0.151991	1.85191	0.718989	0.930237	-1.06469	0.68322	0.931292	-1.07378	2.82517	1.34683	0.423756	1
ug|24075208	MST1	0.0792156	0.0262815	4.01262	4.01262	0.0423171	3.43127	3.43127	0.169818	2.1617	2.1617	0.210236	2.00586	2.00586	0.0495295	3.28079	3.28079	0.395248	1.58252	1.58252	0.0260199	4.0259	4.0259	0.0247879	4.09097	4.09097	0.0100954	2.57803	2.57803	2.82517	12.436	3.91276	1
ug|15586393	CTBP1;CTBP1;C4orf42	0.0792162	0.582464	1.15212	1.15212	0.622475	1.17267	1.17267	0.0910947	0.787047	-1.27027	0.0924467	1.79676	1.79676	0.0744464	1.35734	1.35734	0.139774	0.644664	-1.55156	0.0594214	0.513077	-1.94903	0.0359316	-1.96072	-1.96072	0.0143899	0.515579	-1.93579	2.82513	2.44169	0.85141	1
ug|01356198	LPP;LPP	0.0792193	0.0591507	0.276733	-3.61359	0.569649	0.707178	-1.41407	0.952392	0.96464	-1.03666	0.830209	1.13824	1.13824	0.215054	0.148788	-6.72096	0.627213	0.744463	-1.34325	0.0140011	0.142924	-6.99675	0.741582	1.22083	1.22083	0.187838	0.431052	-2.31991	2.82512	16.2668	5.11815	1
ug|20524905	L12A	0.0792194	0.2753179	0.713489	-1.40205	0.5653847	0.547264	-1.83726	0.0240751	0.588697	-1.69871	0.0285351	0.66077	-1.51355	0.0885487	0.627945	-1.59271	0.0419708	0.247579	-4.04062	0.0140754	0.0900164	-11.1063	0.0090555	0.407014	-2.45702	0.0120207	0.0607497	-16.4598	2.82511	2.54046	0.888245	1
ug|19680672	MGMT APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0792208	0.0538852	0.25579	-3.90946	0.7370314	1.23363	1.23363	0.633028	0.741067	-1.34941	0.172448	0.404692	-2.47102	0.0074004	0.11654	8.58073	0.0278884	0.198158	-5.04647	0.452066	0.620482	-1.61165	0.499335	1.53295	1.53295	0.263624	0.48387	-2.06667	2.82509	17.3637	5.46332	1
ug|25412310	2	0.0792208	0.529657	1.2837	1.2837	0.0294787	2.73351	2.73351	0.317926	1.49917	1.49917	0.868193	0.93693	-1.06732	0.0547949	0.425553	2.34988	0.22118	0.603853	-1.65603	0.147698	0.163941	-6.14904	0.0569512	2.33048	2.33048	0.769036	1.12243	1.12243	2.82509	6.88366	2.16588	1
ug|24575741	LMO7	0.0792214	0.141901	0.512752	-1.95026	0.0180062	0.300437	-3.32849	0.232565	0.588891	-1.69811	0.339336	0.65931	-1.51674	0.0582623	2.47247	2.47247	0.568346	0.783569	-1.27621	0.129925	1.99762	1.99762	0.504712	0.751015	-1.33153	0.356011	1.49148	1.49148	2.82508	8.00523	2.51878	1
ug|26842089	NCLN	0.0792267	0.0026019	0.380593	-2.62747	0.0196572	0.945502	-1.05318	0.537382	0.915022	-1.15102	0.112288	0.672325	-1.47666	0.0178221	0.302602	3.30504	0.715264	0.92073	-1.08609	0.543383	0.630936	-1.63683	0.407199	0.844779	-1.18361	0.0439865	0.814371	-1.22795	2.82506	2.71596	0.961492	1
ug|01077501	CALD1;CALD1;CALD1;CALD1;CALD1	0.0792244	0.0491998	0.204078	-4.90009	0.4341475	0.75418	1.75418	0.0843093	0.846304	1.38644	1.38644	0.972374	1.02482	1.02482	0.558779	0.215824	-4.63342	0.464892	1.69302	0.403583	1.83131	1.83131	0.691799	1.31788	1.31788	0.430262	1.565574	-1.76812	2.82504	22.4203	7.05446	1
ug|08872933	SCAMP3;SCAMP3	0.0792244	0.145506	0.710136	-1.40818	0.439218	0.841321	-1.18861	0.141482	1.41378	1.41378	0.00841128	0.47849	-2.08991	0.0523937	0.616844	-1.62115	0.575387	1.13195	1.13195	0.334791	0.804248	-1.2434	0.9521	1.01324	1.01324	0.508228	1.15835	1.15835	2.82504	2.14605	0.675249	1
ug|26792118	BANP;BANP	0.0792258	0.505614	1.14502	1.14502	0.0233586	0.506057	-1.97636	0.0368354	0.844162	-1.18451	0.0731152	0.845682	-1.18255	0.0731152	0.845682	-1.18255	0.0408069	0.622872	-1.60547	0.0794099	0.194861	-5.13107	0.0139161	0.827706	-1.20817	0.0410585	0.633575	-1.57861	2.82503	18.7826	6.27767	1
ug|13080379	TBX15	0.0792268	0.248722	0.47323	-2.11334	0.0900341	0.325561	-3.07163	0.997455	0.998023	-1.00198	0.979287	0.984019	-1.01624	0.362294	0.559315	-1.7879	0.178586	0.41197	-2.42736	0.743887	0.815926	-1.2256	0.0555607	0.58477	0.58477	0.455737	1.60225	1.60225	2.82501	17.2281	5.42084	1
ug|07690455	CAST;CAST;CAST;CAST;CAST	0.0792273	0.243638	2.07525	2.07525	0.0178883	1.55798	1.55798	0.0855997	1.15358	1.15358	0.0895499	1.28875	1.28875	0.0855025	1.15358	1.15358	0.0293166	1.4621	1.4621	0.0196454	1.4621	1.4621	0.0196454	1.56144	1.56144	0.0127546	2.07065	2.07065	2.82501	3.62636	0.0134673	10.9111	3.1082	1
ug|03422527	PBX2	0.0792323	0.0208112	0.352192	-2.83936	0.324057	0.682487	-1.46523	0.884456	1.05606	1.05606	0.747011	0.885678	-1.12908	0.0683917	0.465192	-2.14965	0.37831	0.71245	-1.40361	0.00752447	0.275246	-3.63311	0.454555	1.33072	1.33072	0.193085	0.596534	-1.67635	2.82492	6.29448	1.98062	1
ug|04653026	UPF3	0.0792333	0.369707	1.17469	1.17469	0.219388	1.25324	1.25324	0.0833875	0.648615	-1.54175	0.338454	0.841562	-1.18842	0.0575144	0.680891	-1.47562	0.649103	0.821762	-1.21709	0.132466	0.713274	-1.40171	0.34404	1.1855	1.1855	0.0737498	0.705829	-1.41677	2.82491	1.36664	0.483029	1
ug|03032965	FAM188B	0.0792341	0.73251	1.20695	1.20695	0.1003893	0.576139	-1.73551	0.0538709	0.963948	-1.03736	0.0836736	0.963948	-1.03736	0.0836736	0.963948	-1.03736	0.323232	1.74962	1.74962	0.55187	1.39097	1.39097	0.857546	1.14464	1.14464	0.278495	0.539128	-1.85485	2.8249	1.43945	0.423756	1
ug|17949403	SLC23A2;SLC23A2;3	0.0792356	0.484914	0.850818	-1.17534	0.0497005	0.428911	-2.33149	0.0428103	0.588181	-1.70016	0.183976	1.37828	1.37828	0.718234	1.08598	1.08598	0.892701	0.969746	-1.0312	0.532037	1.15498	1.15498	0.84099	0.955303	-1.04679	0.350039	0.803348	-1.24479	2.82488	2.31829	0.729483	1
ug|27512974	NEDD9;NEDD9;NEDD9	0.0792364	0.258719	1.14995	1.14995	0.258823	1.17267	1.17267	0.0224275	1.17267	1.17267	0.0910947	0.787047	-1.27027	0.0924467	1.79676	1.79676	0.0744464	1.35734	1.35734	0.139774	0.644664	-1.55156	0.0594214	0.513077	-1.94903	0.0359316	-1.96072	-1.96072	0.0143899	0.515579	-1.93579	2.82513	2.44169	0.85141	1
ug|08228812	UPCAT1	0.0792386	0.94762	1.00876	1.00876	0.519766	0.917023	-1.09049	0.205063	0.837361	-1.19422	0.0927233	1.27836	1.27836	0.755059	0.959307	-1.04242	0.266445	1.16615	1.16615	0.174065	1.21162	1.21162	0.00486749	1.6414	1.6414	0.307059	1.1507	1.1507	2.82483	0.788406	0.248088	1
ug|16720564	UBE2H;UBE2H	0.0792395	0.127156	1.41189	1.41189	0.1991746	0.446012	-2.25198	0.435723	0.846018	-1.18089	0.971551	1.00696	1.00696	0.156371	1.37303	1.37303	0.854393	0.962266	-1.03921	0.685837	1.08875	1.08875	0.450484	0.85149	-1.17441	0.179872	1.0782	1.0782	2.82483	1.95586	0.615453	1
ug|00953793	RPS6KA3	0.0792404	0.1031107	0.347467	-2.87797	0.0180452	0.184289	-5.42627	0.0144255	0.951295	-1.05101	0.0300151	0.44943	-2.22453	0.0300151	0.44943	-2.22453	0.0408069	0.622872	-1.60547	0.0794099	0.194861	-5.13107	0.0139161	0.827706	-1.20817	0.0410585	0.633575	-1.57861	2.82481	15.509	5.48026	1
ug|18133003	ARHGEF4;ARHGEF4	0.0792408	0.0593762	0.398529	-2.50923	0.0108941	0.251505	-3.97607	0.0625545	0.404514	-2.47021	0.246514	0.572434	-1.74142	0.457808	0.37202	-2.68803	0.487842	0.737594	-1.35576	0.234552	0.318636	-3.13858	0.722497	0.857289	-1.16647	0.173127	0.533158	-1.87562	2.8248	8.34276	2.62524	1
ug|21202285	ATXN7L1	0.0792423	0.0495474	0.2	0.2	0.0233351	0.577629	-1.73122	0.0859499	0.872676	-1.14611	0.0866247	0.924528	-1.08182	0.0866247	0.924528	-1.08182	0.0304283	0.354894	-2.81774	0.018093	0.213292	-3.91991	0.585373	1.12549	1.12549	0.290352	0.639635	-1.56339	2.82481	7.42055	2.3345	1
ug|02646706	GPR139	0.0792412	0.683662	1.105	1.105	0.251857	0.746961	-1.33876	0.125646	0.667694	-1.49769	0.677381	0.903058	-1.10735	0.0548274	1.70025	1.70025	0.55776	1.15544	1.15544	0.0354437	1.81635	1.81635	0.0373899	0.555034	-1.80169	0.82835	1.05435	1.05435	2.82479	2.65741	0.836216	1
ug|07721569	TFAP2A	0.0792419	0.054598	0.615287	-1.62526	0.019521	0.533274	-1.87521	0.134733	0.698249	-1.43215	0.828805	1.04942	1.04942	0.2011118	0.740284	-1.35083	0.993879	1.00171	1.00171	0.9902145	0.9990956	-1.08099	0.691551	1.07471	1.07471	0.8909887	1.02509	1.02509	2.82479	1.46078	0.45995	1
ug|20559537	NAB2	0.0792422	0.119851	1.2383	1.2383	0.0827787	0.420954	-2.37555	0.40751	0.682778	-1.46461	0.154066	1.98817	1.98817	0.490364	0.729356	1.371	0.329342	1.57364	1.57364	0.0106331	0.263118	3.79966	0.0139161	0.827706	-1.20817	0.0410585	0.633575	-1.57861	2.82479	18.7848	6.27767	1
ug|21167502	ZFYVE21	0.079246	0.630573	0.810767	-1.2334	0.0206276	0.34308	0.34308	0.0555951	2.55761	2.55761	0.454413	0.71901	-1.3908	0.108767	0.468955	-2.1324	0.434462	1.41233	1.41233	0.628166	1.23525	1.23525	0.562069	1.28888	1.28888	0.0699702	0.415971	-2.40401	2.82472	8.38439	2.63841	1
ug|26309655	TARS2	0.0792469	0.145325	0.886457	-1.12809	0.4255242	1.10651	1.10651	0.0238446	1.05117	1.05117	0.0284636	1.22065	1.22065	0.0284636	1.22065	1.22065	0.771627	1.29692	1.29692	0.0095639	0.863688	1.15783	0.379379	1.07202	1.07202	0.0545013	1.18121	1.18121	2.82471	2.06605	0.728724	1
ug|17744304	CLDN15	0.0792476	0.0382024	12.4664	12.4664	0.033041	13.7072	13.7072	0.080536	7.65839	7.65839	0.0645331	8.85462	8.85462	0.156585	1.99414	1.99414	0.119668	5.8908	5.8908	0.0892882	7.15557	7.15557	0.0248466	16.5289	16.5289	0.0350779	13.1812	13.1812	2.8247	49.3499	15.5296	1
ug|10285104	CCDC28A	0.0792486	0.680939	1.07435	1.07435	0.3145757	1.31564	1.31564	0.0424204	1.34767	1.34767	0.0439587	1.24204	1.24204	0.0454824	1.34767	1.34767	0.856144	1.03198	1.03198	0.564628	1.13345	1.13345	0.104862	1.35999	1.35999	0.0192944	1.10407	1.10407	2.82469	3.08402	1.09243	1
ug|06596818	NPTX2	0.0792503	0.18641	0.71467	-1.39925	0.862307	0.959222	-1.04251	0.123225	0.670012	-1.49251	0.328204	0.785027	-1.27384	0.0288104	0.538865	-1.85575	0.0281132	0.536889	-1.86258	0.00987691	0.457536	-2.18562	0.914001	1.02625	1.02625	0.778288	1.07004	1.07004	2.82466	2.57311	0.809729	1
ug|10750321	ARNT;ARNT;ARNT	0.0792506	0.069069	0.439955	-2.27296	0.0360189	0.373714	-2.67585	0.045019	0.395324	-2.52957	0.153934	0.540035	-1.85173	0.0123792	0.284574	-3.51403	0.265803	0.626226	-1.59687	0.561684	0.789111	-1.26725	0.457033	1.35761	1.35761	0.118299	0.504347	-1.98276	2.82466	7.28856	2.29363	1
ug|28866938	RBM27	0.0792512	0.0497547	0.2	0.2	0.0205708	0.569519	-1.75705	0.0625466	0.913811	-1.09447	0.0952288	1.38819	1.38819	0.368059	0.727701	-1.3799	0.149968	0.0952288	1.38819	0.368059	0.727701	-1.3799	0.149968	0.0952288	1.38819	0.368059	0.727701	-1.3799	2.82462	7.66773	2.70158	1
ug|22542859	MIR377	0.0792521	0.0240151	0.163416	-6.11936	0.106883	0.305918	-3.26885	0.342128	0.517572	-1.9321	0.262421	0.455546	-2.19517	0.0679349	0.252628	3.95839	0.0648653	0.247812	-4.03532	0.0123769	0.123052	-8.12665	0.0614768	0.242308	-4.12698	0.0681207	0.252948	-3.95337	2.82463	20.2548	6.37402	1
ug|01277438	NFATC1;NFATC1;NFATC1	0.0792531	0.227457	0.724667	-1.37999	0.0900402	0.592335	-1.68789	0.0909091	0.668248	-1.49555	0.0882805	1.04942	1.04942	0.2011118	0.740284	-1.35083	0.993879	1.00171	1.00171	0.9902145	0.9990956	-1.08099	0.691551	1.07471	1.07471	0.8909887	1.02509	1.02509	2.82461	1.46078

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24210884	ARGFX	0.0793566	0.0930181	0.784838	-1.27415	0.625861	0.93761	-1.06654	0.321758	0.87441	-1.14363	0.764419	0.961362	-1.04019	0.349912	0.881482	-1.13445	0.386324	0.890092	-1.12348	0.00581754	1.60565	1.60565	0.302838	1.1502	1.1502	0.338606	0.87869	-1.13806	2.8231	0.768549	0.241987	1
cg22180994	THYN1;THYN1;ACAD8;THYN1;THYN1;THYN1;THYN1	0.0793569	0.206145	0.685706	-1.45835	0.113466	0.614277	-1.62793	0.530596	1.1969	1.1969	0.451241	0.804793	-1.24256	0.947283	1.01888	1.01888	0.00864193	0.387815	-2.57855	0.0168745	0.438332	-2.28137	0.944393	1.01993	1.01993	0.587655	1.16754	1.16754	2.8231	3.57921	1.12696	1
cg13394060	EHMT1	0.0793571	0.943977	1.01673	1.01673	0.0515291	1.68765	1.68765	0.255288	0.755454	-1.32371	0.108619	0.661509	-1.51169	0.22238	0.73875	-1.35364	0.733632	1.084	1.084	0.015183	2.02229	2.02229	0.846083	1.04696	1.04696	0.194544	1.3827	1.3827	2.8231	2.49288	0.784917	1
cg07821501	PPY2	0.0793573	0.378585	0.619092	-1.61527	0.0750557	0.34916	-2.86402	0.106231	0.39204	-2.55076	0.808447	1.1376	1.1376	0.0251155	0.243162	-4.11248	0.214762	0.499976	-2.0001	0.00688874	0.156163	-6.40355	0.087177	0.366961	-2.72508	0.274477	0.546869	-1.82859	2.82309	12.5971	3.96636	1
cg05550612	GLG1;GLG1;GLG1;GLG1;GLG1	0.0793573	0.114116	1.44541	1.44541	0.400876	1.20239	1.20239	0.204303	0.750414	-1.3326	0.553584	1.13706	1.13706	0.833086	1.04627	1.04627	0.0208237	0.55086	-1.81534	0.0243817	0.562707	-1.77712	0.236098	0.766351	-1.30488	0.372284	0.821733	-1.21694	2.82309	2.05418	0.646788	1
cg02423452	SYT17	0.0793578	0.743619	1.03524	1.03524	0.833016	1.02253	1.02253	0.790171	1.02854	1.02854	0.0709221	1.2373	1.2373	0.739038	0.965334	-1.03591	0.0220836	1.33598	1.33598	0.0238559	0.752361	-1.32915	0.522016	1.07088	1.07088	0.100799	1.20885	1.20885	2.82309	0.497932	0.156781	1
cg14339599	BCL6	0.0793594	0.807109	1.0476	1.0476	0.468553	0.869199	-1.15048	0.750994	0.94128	-1.06238	0.513897	1.13409	1.13409	0.453433	0.864875	-1.15624	0.241234	1.26262	1.26262	0.00809412	0.524877	-1.90521	0.0308291	1.61932	1.61932	0.575344	1.11358	1.11358	2.82306	1.61548	0.50866	1
cg08228249	YPEL1	0.0793596	0.0305966	0.336636	-2.97057	0.0373483	0.355041	-2.81658	0.431278	0.708758	-1.41092	0.486222	0.738438	-1.35421	0.00994311	0.247748	-4.03636	0.180743	0.543862	-1.8387	0.0373298	0.354994	-2.81695	0.858906	0.926578	-1.07924	0.128931	0.495004	-2.02018	2.82306	8.21175	2.58561	1
cg09406238	MTMR8	0.0793615	0.124817	2.97043	2.97043	0.714308	0.785916	-1.2724	0.531133	0.659896	-1.51539	0.0493207	4.34939	4.34939	0.626458	1.37904	1.37904	0.0135808	0.135198	-7.39654	0.382694	0.556234	-1.7978	0.76496	0.821636	-1.21708	0.126881	2.95008	2.95008	2.82303	19.1951	6.04398	1
cg11648249	OOEP	0.0793624	0.71553	0.889831	-1.12381	0.47124	1.26329	1.26329	0.740073	0.899266	-1.11202	0.691234	0.880457	-1.13577	0.0619796	0.511592	-1.95468	0.215554	1.51542	1.51542	0.00477498	3.30245	3.30245	0.491851	0.800402	-1.24937	0.815372	0.92812	-1.07745	2.82302	4.54717	1.43177	1
cg21594642	FAM18B2;FAM18B2	0.0793642	0.0532652	9.71821	9.71821	0.0415441	11.4024	11.4024	0.145073	5.05623	5.05623	0.103411	6.32559	6.32559	0.0953569	6.66976	6.66976	0.679115	1.53848	1.53848	0.0127524	24.6473	24.6473	0.0687801	8.24311	8.24311	0.0418216	11.3537	11.3537	2.82299	47.952	15.0989	1
cg03951724	TBC1D10A	0.0793656	0.608979	1.06562	1.06562	0.118411	1.23225	1.23225	0.0714015	0.780317	-1.28153	0.389942	1.11464	1.11464	0.151324	1.20855	1.20855	0.684894	1.05154	1.05154	0.0138236	0.687406	-1.45474	0.558223	1.07567	1.07567	0.233983	1.16615	1.16615	2.82297	0.678566	0.213665	1
cg26484856	PTPN1	0.0793658	0.389594	1.26564	1.26564	0.032752	0.513006	-1.9493	0.0258584	0.493158	-2.02775	0.326781	1.31062	1.31062	0.551952	1.17444	1.17444	0.0758457	1.69543	1.69543	0.496027	0.831363	-1.20284	0.596836	1.15331	1.15331	0.220542	0.708825	-1.41078	2.82297	3.19199	1.00508	1
cg02207130	MAD1L1;MAD1L1;MAD1L1	0.0793668	0.495313	0.735858	-1.35896	0.0033033	5.88719	5.88719	0.0525256	2.65525	2.65525	0.446313	1.41041	1.41041	0.910453	1.0511	1.0511	0.999271	0.999595	-1.0004	0.180801	1.8766	1.8766	0.602677	0.792431	-1.26194	0.315896	1.58304	1.58304	2.82295	8.77347	2.76258	1
cg10884341	HSPE1;HSPE1;HSPD1;HSPD1	0.0793682	0.361084	1.23211	1.23211	0.835921	0.95494	-1.04719	0.14023	1.42302	1.42302	0.110543	1.47196	1.47196	0.648049	1.10758	1.10758	0.695995	0.916403	-1.09122	0.010632	0.489614	-2.04243	0.0803409	1.5392	1.5392	0.243576	1.31161	1.31161	2.82293	2.20979	0.695822	1
cg26795352	EPRS	0.0793689	0.592643	1.0684	1.0684	0.615325	1.06404	1.06404	0.712851	0.955725	-1.04633	0.148155	1.2093	1.2093	0.0568762	1.30214	1.30214	0.400401	1.11121	1.11121	0.00459494	1.5875	1.5875	0.180873	0.840255	-1.19011	0.409903	1.10876	1.10876	2.82292	0.671015	0.211291	1
cg21535199	LCE1F	0.0793699	0.0190878	0.35365	-2.82765	0.0157324	0.338082	-2.95786	0.506967	0.781391	-1.27977	0.0121586	0.318195	-3.14273	0.315374	0.683601	-1.46284	0.13589	0.554974	-1.80189	0.575973	0.812994	-1.23002	0.122447	0.541562	-1.84651	0.435017	0.746892	-1.33888	2.82291	6.00222	1.89	1
cg15747933	NMI	0.0793712	0.0533706	0.192451	-5.19613	0.0232426	0.130425	-7.66724	0.0416188	0.171378	-5.83506	0.0588625	0.201448	-4.96405	0.0228798	0.12946	-7.72441	0.353349	0.488172	-2.04846	0.157412	0.321331	-3.11206	0.14813	0.311941	-3.20574	0.748608	1.27309	1.27309	2.82289	25.2095	7.93811	1
cg19734148	RAE1;RAE1	0.0793722	0.467815	1.09634	1.09634	0.0609799	0.768801	-1.30073	0.109709	1.24247	1.24247	0.414658	1.1094	1.1094	0.00874312	1.5157	1.5157	0.194194	1.1865	1.1865	0.847884	0.976374	-1.0242	0.137922	1.22006	1.22006	0.352278	1.12657	1.12657	2.82288	0.693051	0.218233	1
cg04267998	TRIP12	0.0793736	0.748397	1.11834	1.11834	0.367136	0.724713	-1.37986	0.94974	1.02215	1.02215	0.0330106	2.37851	2.37851	0.0993346	0.533735	-1.87359	0.380723	0.731629	-1.36681	0.914264	0.963263	-1.03814	0.0104473	3.06592	3.06592	0.794492	0.913269	-1.09497	2.82286	5.40007	1.70043	1
cg16577123	NDUFA2;NDUFA2;IK	0.0793745	0.297506	0.79304	-1.26097	0.356968	1.22557	1.22557	0.611347	1.11631	1.11631	0.360709	0.817306	-1.22353	0.352879	0.81445	-1.22782	0.469527	1.17114	1.17114	0.00468589	0.446166	-2.24132	0.237217	0.766544	-1.30456	0.166239	1.37293	1.37293	2.82284	2.06087	0.648949	1
cg27224809	PGBD5	0.0793754	0.944988	0.950576	-1.05199	0.029562	6.56542	6.56542	0.0591982	4.781	4.781	0.813602	0.840725	-1.18945	0.0160179	0.114685	-8.71955	0.339648	0.485358	-2.06033	0.728213	0.773952	-1.29207	0.501304	0.605732	-1.65089	0.73412	0.778482	-1.28455	2.82283	24.1203	7.59533	1
cg20003329	PANK4	0.0793792	0.960535	1.02146	1.02146	0.0078029	4.3289	4.3289	0.120583	2.05923	2.05923	0.582166	1.26924	1.26924	0.181349	1.8382	1.8382	0.0437531	0.369916	-2.70331	0.77202	1.13274	1.13274	0.835055	0.914429	-1.09358	0.63212	0.813067	-1.22991	2.82277	8.22923	2.59138	1
cg24330650	ACTR6	0.0793807	0.974639	1.0095	1.0095	0.0299667	0.467915	-2.13714	0.167885	0.645877	-1.54828	0.170218	0.647619	-1.54412	0.739618	0.905557	-1.10429	0.433508	1.26833	1.26833	0.0931187	1.73225	1.73225	0.269357	1.40793	1.40793	0.0320969	0.473916	-2.11008	2.82275	3.95477	1.24536	1
cg27197651	FLJ42875	0.0793812	0.21289	2.13287	2.13287	0.0400297	3.93639	3.93639	0.0151619	5.59889	5.59889	0.461695	1.54133	1.54133	0.894836	1.07935	1.07935	0.146283	2.4607	2.4607	0.0131164	5.90762	5.90762	0.0620011	3.36471	3.36471	0.17499	2.29999	2.29999	2.82274	14.9042	4.69338	1
cg25632983	EP400NL	0.0793822	0.675432	0.962312	-1.03916	0.833619	1.01938	1.01938	0.504498	0.940082	-1.06374	0.10712	0.85175	-1.17405	0.0528763	1.2223	1.2223	0.458039	0.933383	-1.07137	0.376638	0.920563	-1.08629	0.0303969	0.792832	-1.2613	0.0186936	0.771039	-1.29695	2.82273	0.372085	0.117171	1
cg13881341	FGF21;FUT1	0.0793842	0.0586943	0.44161	-2.26444	0.410209	0.724459	-1.38034	0.143546	0.547959	-1.82495	0.390509	0.71408	-1.4004	0.0381954	0.398733	-2.50795	0.0822887	0.478687	-2.08905	0.0110819	0.29549	-3.38421	0.0266591	0.365935	-2.73272	0.956556	0.979366	-1.02107	2.8227	6.54874	2.06225	1
cg04881348	SLC46A2;SLC46A2	0.0793848	0.916904	1.03062	1.03062	0.421793	1.26761	1.26761	0.182435	1.50516	1.50516	0.00701148	2.73871	2.73871	0.343447	0.754256	-1.32581	0.900528	1.0368	1.0368	0.273063	1.39045	1.39045	0.243676	1.42262	1.42262	0.0156894	2.35323	2.35323	2.82269	3.73306	1.17557	1
cg09621572	LTA;LTA;LTA	0.0793851	0.518355	0.674632	-1.48229	0.295698	0.52111	-1.91898	0.026518	0.205809	-4.85888	0.290435	0.517123	-1.93378	0.065287	0.288284	-3.4688	0.899595	1.07883	1.07883	0.00382061	0.0959177	-10.4256	0.342309	0.55538	-1.80057	0.270655	0.501884	-1.99249	2.82269	16.152	5.0864	1
cg09956302	HHIPL1;HHIPL1	0.0793852	0.144682	2.39896	2.39896	0.288299	0.540244	-1.85101	0.441761	0.645254	-1.54978	0.116171	0.385333	-2.59516	0.0375535	0.259834	-3.84861	0.848514	0.898695	-1.11272	0.0719793	0.325682	-3.07048	0.0938884	0.357403	-2.79796	0.0922473	2.81535	2.81535	2.82269	13.9469	4.39201	1
cg19818722	LTB;LTB	0.0793859	0.140395	0.814369	-1.22794	0.761621	0.961375	-1.04018	0.0204042	1.43595	1.43595	0.199059	0.838881	-1.19206	0.14652	0.817284	-1.22357	0.197968	0.838481	-1.19263	0.196162	0.837817	-1.19358	0.526921	1.08654	1.08654	0.11317	1.25007	1.25007	2.82268	0.749333	0.235972	1
cg18671377	LOC401127	0.0793912	0.866016	1.05947	1.05947	0.638407	1.17578	1.17578	0.32344	0.705463	-1.41751	0.0540943	0.473351	-2.1126	0.070554	0.500881	-1.99648	0.0126639	0.346396	-2.88687	0.102311	0.542448	-1.84349	0.189305	1.60914	1.60914	0.269518	0.674774	-1.48198	2.8226	5.23208	1.64768	1
cg09642428	SPOCK1	0.0793923	0.0438996	0.260496	-3.83884	0.111297	0.365112	-2.73888	0.0148396	0.175368	-5.70229	0.0723688	0.312024	-3.20488	0.0184762	0.190178	-5.25822	0.150013	0.408052	-2.45067	0.117476	0.372471	-2.68477	0.937368	0.955378	-1.04671	0.168772	0.426684	-2.34365	2.82258	15.0824	4.74977	1
cg13363454	LGR5	0.0793925	0.0236815	0.792699	-1.26151	0.646267	1.04055	1.04055	0.326977	1.09094	1.09094	0.259756	0.903826	-1.10641	0.0835705	1.17907	1.17907	0.692471	1.03478	1.03478	0.0225912	0.790681	-1.26473	0.61955	1.04399	1.04399	0.465189	0.93807	-1.06602	2.82258	0.330726	0.104153	1
cg23682322	PDE1B;PDE1B	0.0793956	0.0970279	0.432065	-2.31447	0.029547	3.25617	3.25617	0.799295	0.88924	-1.12456	0.213584	0.546937	-1.82836	0.0687389	0.391168	-2.55645	0.407923	0.677051	-1.47699	0.040004	0.335006	-2.98502	0.385317	1.50693	1.50693	0.526595	0.744075	-1.34395	2.82253	9.48955	2.9885	1
cg03861143	SYT8;SYT8	0.079397	0.0599345	0.707745	-1.41294	0.131144	0.766861	-1.30402	0.363195	1.16439	1.16439	0.679753	0.934632	-1.06994	0.52431	1.11081	1.11081	0.301158	1.19062	1.19062	0.0110519	1.68042	1.68042	0.417237	0.8737	-1.14456	0.366134	0.859662	-1.16325	2.82251	1.18568	0.373404	1
cg16656469	EP400	0.0793971	0.112009	0.617457	-1.61955	0.147806	0.648808	-1.54129	0.11205	0.617497	-1.61944	0.712935	1.10844	1.10844	0.00500091	0.355268	-2.81478	0.0355179	0.505653	-1.97764	0.547861	0.844146	-1.18463	0.31356	0.747969	-1.33695	0.123794	0.628516	-1.59105	2.82251	3.46987	1.09276	1
cg19650706	PCDHB13	0.0793995	0.493742	0.736275	-1.35819	0.00964671	4.23323	4.23323	0.252562	0.590695	-1.69292	0.179242	1.87474	1.87474	0.19054	0.543013	-1.84158	0.152978	0.509571	-1.96244	0.348725	0.653794	-1.52953	0.259059	1.67983	1.67983	0.636344	0.810743	-1.23344	2.82248	8.67429	2.73181	1
cg21171373	WDR5B	0.0794008	0.539505	1.13208	1.13208	0.115166	0.710292	-1.40787	0.0451775	0.631954	-1.58239	0.286081	0.801518	-1.24763	0.515755	1.14066	1.14066	0.320076	1.22776	1.22776	0.0121225	0.535521	-1.86734	0.308883	0.810325	-1.23407	0.0831015	0.681691	-1.46694	2.82246	1.78285	0.561481	1
cg19818998	NCRNA00085	0.0794021	0.165969	0.527441	-1.89595	0.0302888	0.331922	-3.01276	0.93654	1.03508	1.03508	0.60635	0.798449	-1.25243	0.024289	0.312644	-3.19853	0.108912	2.13207	2.13207	0.141257	0.504037	-1.98398	0.138519	0.50129	-1.99485	0.44672	1.39912	1.39912	2.82244	8.38231	2.6399	1
cg18695221	SPATA13;SPATA13	0.0794024	0.0893549	0.605787	-1.65075	0.387928	1.26717	1.26717	0.571869	0.858254	-1.16516	0.298686	0.749586	-1.33407	0.00641133	0.387156	-2.58294	0.0464531	0.543199	-1.84095	0.32308	1.31404	1.31404	0.84458	0.948837	-1.05392	0.930072	1.02376	1.02376	2.82243	3.20053	1.00796	1
cg26534993	TSSC1	0.079403	0.738035	1.06408	1.06408	0.108963	0.723658	-1.38187	0.249532	0.800377	-1.24941	0.806552	1.04644	1.04644	0.19522	0.776088	-1.28851	0.887724	1.02648	1.02648	0.00482455	1.99735	1.99735	0.379469	0.84635	-1.18154	0.730755	1.066	1.066	2.82243	1.53034	0.481963	1
cg18523477	RBM38;RBM38	0.0794034	0.0338424	0.276664	-3.61449	0.0770923	0.360804	-2.77159	0.372895	1.60708	1.60708	0.225914	0.517112	-1.93382	0.0160638	0.21695	-4.60936	0.239664	0.528057	-1.89374	0.473019	0.68488	-1.46011	0.0232205	0.244842	-4.08427	0.509769	0.706953	-1.41452	2.82242	12.023	3.7865	1
cg26009486	NFATC4;NFATC4	0.0794048	0.388047	1.18989	1.18989	0.887381	1.02824	1.02824	0.51617	0.878643	-1.13812	0.796878	1.052	1.052	0.2807	1.24653	1.24653	0.012732	1.83738	1.83738	0.445275	1.16523	1.16523	0.276903	1.24888	1.24888	0.00531896	2.05802	2.05802	2.8224	1.72646	0.543732	1
cg02037013	MC4R	0.0794056	0.471205	0.745881	-1.3407	0.61682	1.2236	1.2236	0.680616	1.18006	1.18006	0.833594	0.919287	-1.0878	0.00210452	0.177268	-5.64119	0.290454	1.55093	1.55093	0.753221	0.881471	-1.13447	0.213113	0.591858	-1.68959	0.506649	0.76375	-1.30933	2.82239	7.15263	2.25266	1
cg10350251	C16orf55	0.0794058	0.894899	0.942666	-1.06082	0.626855	1.24465	1.24465	0.713387	1.17916	1.17916	0.181633	1.88401	1.88401	0.603504	1.26372	1.26372	0.428895	1.43441	1.43441	0.00237804	0.150709	-6.63529	0.639567	0.810018	-1.23454	0.737186	0.860318	-1.16236	2.82239	8.91994	2.80927	1
cg18745416	ESR1	0.0794064	0.634894	0.820045	-1.21945	0.119137	2.0167	2.0167	0.179806	1.80552	1.80552	0.457237	0.730528	-1.36887	0.00534179	0.218288	-4.58111	0.308354	1.54851	1.54851	0.6151	1.23401	1.23401	0.748285	1.14286	1.14286	0.359938	0.676806	-1.47753	2.82238	7.68901	2.4216	1
cg09609649	HLA-E	0.0794068	0.692404	1.07854	1.07854	0.357499	1.19715	1.19715	0.128713	1.36645	1.36645	0.578042	1.11277	1.11277	0.866596	1.03249	1.03249	0.925293	0.982324	-1.01799	0.146159	0.743305	-1.34534	0.00273878	2.19515	2.19515	0.494457	1.14103	1.14103	2.82237	1.61628	0.509038	1
cg10161685	PRTFDC1	0.0794109	0.64596	1.19379	1.19379	0.0120408	0.301443	-3.31738	0.892109	0.94936	-1.05334	0.181486	1.72148	1.72148	0.114632	0.518371	-1.92912	0.63997	1.1977	1.1977	0.06564	2.20587	2.20587	0.182444	1.71919	1.71919	0.81683	1.09291	1.09291	2.82231	6.55476	2.06443	1
cg15579816	RPS6KA2;RPS6KA2	0.079411	0.413094	0.705982	-1.41647	0.294451	1.57215	1.57215	0.1244	1.99821	1.99821	0.360865	0.676491	-1.47822	0.018714	0.305562	-3.27266	0.45625	0.729262	-1.37125	0.0447769	0.383473	-2.60774	0.947095	1.028	1.028	0.0559749	0.406239	-2.4616	2.82231	7.73869	2.43731	1
cg12317456	MMP2	0.0794128	0.0414106	0.35037	-2.85413	0.956687	1.02451	1.02451	0.580617	1.28251	1.28251	0.144843	0.497476	-2.01015	0.0392407	0.345184	-2.89701	0.813326	0.899897	-1.11124	0.0178788	0.27709	-3.60893	0.028452	0.315687	-3.16769	0.340411	0.645277	-1.54972	2.82228	8.8866	2.79887	1
cg15478390	PCLO;PCLO	0.0794142	0.423352	1.62815	1.62815	0.0565025	3.62205	3.62205	0.0076167	7.73235	7.73235	?	?	?	?	?	?	0.54169	1.44519	1.44519	0.987444	1.00942	1.00942	0.200088	0.446266	-2.24081	0.652597	1.31011	1.31011	2.90063	12.696	5.00227	1
cg19948991	RBMX;RBMX;RBMX;RBMX	0.0794155	0.0245626	0.409254	-2.44347	0.0675783	0.505004	-1.98018	0.0708661	0.510016	-1.96072	0.34358	0.722163	-1.38473	0.0622173	0.496411	-2.01446	0.0284176	0.421913	-2.37016	0.0312764	0.430423	-2.3233	0.546771	0.81591	-1.22563	0.0574093	0.4882	-2.04834	2.82224	4.975	1.56692	1
cg14527280	SLC22A23	0.0794198	0.206396	0.746462	-1.33965	0.0806353	0.653697	-1.52976	0.0837541	0.657114	-1.52181	0.0250205	1.79502	1.79502	0.271976	0.778108	-1.28517	0.107227	1.47074	1.47074	0.594042	0.888667	-1.12528	0.326044	0.800529	-1.24917	0.837148	1.04619	1.04619	2.82218	2.15168	0.677704	1
cg03463411	PRDM8;PRDM8	0.0794222	0.336718	1.33184	1.33184	0.104431	1.67114	1.67114	0.0847687	1.73584	1.73584	0.12648	1.61326	1.61326	0.934499	0.9765	-1.02407	0.771553	0.919224	-1.08787	0.0776747	1.76352	1.76352	0.196557	0.673656	-1.48444	0.0101911	2.55308	2.55308	2.82214	3.74104	1.17831	1
cg04595021	LOC642852	0.0794231	0.845134	1.04567	1.04567	0.181689	0.723423	-1.38232	0.0817138	1.5536	1.5536	0.15994	0.709716	-1.40901	0.025702	1.83136	1.83136	0.0538225	0.60655	-1.64867	0.533678	1.15483	1.15483	0.293373	0.779645	-1.28264	0.725346	0.922608	-1.08388	2.82213	2.33097	0.734188	1
cg11028313	PLCD3;ACBD4	0.0794243	0.0590583	0.494231	-2.02335	0.00514283	0.294712	-3.39315	0.0347233	0.443147	-2.25659	0.857806	0.94243	-1.06109	0.254827	0.674979	-1.48153	0.0873592	0.535801	-1.86636	0.248688	0.671223	-1.48982	0.174824	0.620564	-1.61144	0.142373	0.593698	-1.68436	2.82211	4.88554	1.53881	1
cg01707795	ACTN1;ACTN1;ACTN1	0.0794251	0.0745479	2.0528	2.0528	0.303616	1.47069	1.47069	0.220587	0.627359	-1.59398	0.0689197	2.0895	2.0895	0.218407	1.59787	1.59787	0.107748	1.8878	1.8878	0.0265356	2.59077	2.59077	0.021798	2.70926	2.70926	0.2865	1.49287	1.49287	2.8221	5.85799	1.84511	1
cg05517976	HOXA10	0.0794261	0.59051	0.752546	-1.32882	0.0346019	0.275426	-3.63074	0.923391	0.950907	-1.05163	0.13804	0.433544	-2.30657	0.0188055	0.225459	-4.43539	0.412011	0.644694	-1.55112	0.00937788	0.17835	-5.60696	0.770426	1.16549	1.16549	0.201885	0.493987	-2.02434	2.82209	12.2418	3.85588	1
cg21971919	RAB1B	0.0794266	0.271352	0.877067	-1.14016	0.645485	0.94832	-1.0545	0.695172	1.04614	1.04614	0.00675589	0.668835	-1.49514	0.0947209	1.23414	1.23414	0.311822	1.12733	1.12733	0.409365	0.907871	-1.10148	0.227723	0.864984	-1.15609	0.302031	1.1303	1.1303	2.82208	0.586486	0.184729	1
cg04636920	RASD2	0.0794289	0.0796814	0.770349	-1.29811	0.591646	1.07535	1.07535	0.00825141	1.57333	1.57333	0.567184	0.925347	-1.08068	0.476001	0.907353	-1.10211	0.410717	0.893289	-1.11946	0.968417	1.00533	1.00533	0.0553879	0.747294	-1.33816	0.978678	0.996421	-1.00359	2.82205	0.804279	0.253332	1
cg16141690	C14orf119;ACIN1;ACIN1;ACIN1	0.079429	0.0855615	0.870048	-1.14936	0.0153581	0.80418	-1.2435	0.197542	0.90504	-1.10492	0.284523	0.921793	-1.08484	0.619334	0.963979	-1.03737	0.117982	0.883075	-1.13241	0.0753443	1.15608	1.15608	0.426017	0.942196	-1.06135	0.297402	1.08235	1.08235	2.82205	0.239821	0.0755388	1
cg12881363	MOV10L1;MOV10L1;MOV10L1	0.0794293	0.0614482	4.02484	4.02484	0.169924	2.62773	2.62773	0.0120566	7.91708	7.91708	0.835165	1.14764	1.14764	0.401064	1.76481	1.76481	0.112081	3.13755	3.13755	0.017317	6.79159	6.79159	0.0444527	4.59694	4.59694	0.176242	2.58635	2.58635	2.82204	19.5217	6.14896	1
cg01520443	IFRD2	0.0794299	0.98445	1.00876	1.00876	0.392424	1.48014	1.48014	0.350086	0.650195	-1.538	0.717635	1.17649	1.17649	0.72592	0.854258	-1.17061	0.0253306	0.304246	-3.28681	0.257196	1.69765	1.69765	0.0326216	0.326556	-3.06226	0.0501847	2.71642	2.71642	2.82203	8.95305	2.82005	1
cg21403330	C7orf50;C7orf50;C7orf50	0.0794309	0.693803	0.963143	-1.03827	0.0244894	1.2896	1.2896	0.115902	1.17607	1.17607	0.517501	0.939624	-1.06426	0.40852	1.08354	1.08354	0.535884	0.94224	-1.0613	0.0314166	0.786986	-1.27067	0.580047	1.05447	1.05447	0.0832188	1.19963	1.19963	2.82202	0.402577	0.126805	1
cg09915984	PLEKHG3	0.0794313	0.172361	2.02024	2.02024	0.220903	1.86458	1.86458	0.48652	0.710132	-1.40819	0.177744	2.00052	2.00052	0.0710079	2.65514	2.65514	0.0816152	2.54567	2.54567	0.00898353	4.99537	4.99537	0.0737264	2.62518	2.62518	0.0564665	2.84489	2.84489	2.82201	10.4762	3.29983	1
cg13762359	FAM184B	0.0794315	0.287489	1.24234	1.24234	0.459709	0.862509	-1.15941	0.0132326	0.546978	-1.82823	0.258754	1.26052	1.26052	0.194506	1.30954	1.30954	0.415909	1.17749	1.17749	0.0661314	1.49933	1.49933	0.539399	1.12986	1.12986	0.106313	1.41416	1.41416	2.82201	1.72557	0.543527	1
cg21424209	SASH1	0.079432	0.106832	0.371669	-2.69057	0.212222	0.477735	-2.09321	0.253158	0.511225	-1.95609	0.398707	1.62537	1.62537	0.0147214	0.18493	-5.40745	0.776421	1.17359	1.17359	0.232938	0.495024	-2.0201	0.120666	2.57602	2.57602	0.0638157	0.30997	-3.22612	2.822	14.1254	4.44928	1
cg19260663	DFNA5;DFNA5;DFNA5	0.0794327	0.0311003	0.201945	-4.95184	0.0600094	0.261472	-3.8245	0.136817	0.363026	-2.75462	0.30646	0.512011	-1.95308	0.0635967	0.26751	-3.73818	0.169571	0.396492	-2.52212	0.00953255	0.125439	-7.97201	0.701262	0.783724	-1.27596	0.0475922	0.238719	-4.18902	2.82199	17.8653	5.62734	1
cg14091799	PIGW;MYO19;MYO19;MYO19	0.0794344	0.334986	1.62046	1.62046	0.0294956	3.70206	3.70206	0.0266618	3.8362	3.8362	0.957188	1.02611	1.02611	0.535067	0.738619	-1.35388	0.289736	0.585824	-1.707	0.0395392	0.299056	-3.34385	0.663693	1.23432	1.23432	0.95367	0.972489	-1.02829	3.30965	11.5077	2.31801	1
cg18685034	DOCK1	0.0794355	0.107207	0.707564	-1.4133	0.665196	1.08943	1.08943	0.871881	0.968747	-1.03226	0.214671	0.77338	-1.29302	0.0123382	0.541737	-1.84591	0.217595	0.774773	-1.2907	0.0357969	0.618437	-1.61698	0.141581	1.36474	1.36474	0.841052	1.04029	1.04029	2.82195	1.72984	0.544883	1
cg00745248	TTC32	0.0794364	0.557319	1.0625	1.0625	0.917384	0.989457	-1.01066	0.352032	0.906799	-1.10278	0.275037	0.890468	-1.12301	0.0137996	1.36468	1.36468	0.937363	1.00806	1.00806	0.0511162	0.796986	-1.25473	0.267625	0.888727	-1.12521	0.0950393	1.2061	1.2061	2.82194	0.466386	0.146908	1
cg24555591	ZEB2;ZEB2	0.079437	0.209369	1.21118	1.21118	0.250306	1.19001	1.19001	0.930263	1.01276	1.01276	0.0719649	1.33758	1.33758	0.401977	0.883194	-1.13225	0.367467	1.14346	1.14346	0.00734801	1.64929	1.64929	0.0216713	1.49062	1.49062	0.747367	1.04791	1.04791	2.82193	0.937176	0.295204	1
cg02516513	ELP3	0.0794376	0.0263619	0.439255	-2.27658	0.260507	0.693086	-1.44282	0.157086	0.623322	-1.60431	0.00451425	0.306597	-3.26161	0.0711521	0.532779	-1.87695	0.291043	0.710167	-1.40812	0.283055	0.705806	-1.41682	0.787163	1.08821	1.08821	0.462062	0.791467	-1.26348	2.82192	4.36101	1.37369	1
cg12286857	PTPRN2;PTPRN2;PTPRN2	0.079438	0.148678	0.67265	-1.48666	0.209712	0.71289	-1.40274	0.0464217	0.557682	-1.79314	0.295731	0.757621	-1.31992	0.00444137	0.378434	-2.64247	0.748358	1.08589	1.08589	0.956954	0.986277	-1.01391	0.351348	1.27831	1.27831	0.436212	0.815998	-1.22549	2.82191	2.92886	0.922577	1
cg00437399	CASC5;CASC5	0.0794391	0.480099	0.752385	-1.32911	0.900068	0.951426	-1.05105	0.132436	1.90315	1.90315	0.140055	1.87619	1.87619	0.82175	0.914446	-1.09356	0.378132	1.43104	1.43104	0.00875883	0.266226	-3.75621	0.0870804	0.472913	-2.11456	0.564348	1.2598	1.2598	2.8219	7.02072	2.21151	1
cg06268849	TMEM44;TMEM44;TMEM44;TMEM44	0.07944	0.192274	0.502521	-1.98997	0.200298	0.509406	-1.96307	0.386521	0.642377	-1.55672	0.0895705	0.393297	-2.54261	0.00406729	0.146191	-6.84039	0.226233	0.530709	-1.88427	0.0599699	0.34713	-2.88077	0.35087	0.619571	-1.61402	0.0349404	0.293641	-3.40552	2.82189	11.1099	3.4996	1
cg16270231	C4orf23	0.0794402	0.144278	0.690506	-1.44821	0.232931	0.744288	-1.34357	0.367315	1.24441	1.24441	0.006562	0.434453	-2.30175	0.674674	0.90513	-1.10481	0.297791	1.29026	1.29026	0.105782	1.51766	1.51766	0.571668	0.873757	-1.14448	0.931224	1.02059	1.02059	2.82188	2.49161	0.784854	1
cg20887442	NUMA1	0.0794415	0.0952998	2.71096	2.71096	0.0127901	5.381	5.381	0.0165767	4.91596	4.91596	0.100985	2.65759	2.65759	0.828363	0.888562	-1.12541	0.226922	1.9944	1.9944	0.240296	1.95234	1.95234	0.0446837	3.50519	3.50519	0.704556	1.23035	1.23035	2.82186	13.2344	4.16885	1
cg14643520	ATP1B3	0.0794438	0.0387633	0.422454	-2.36712	0.310527	1.45909	1.45909	0.197384	1.63334	1.63334	0.505267	1.27558	1.27558	0.372807	1.39018	1.39018	0.0160382	0.346021	-2.89	0.0935275	0.514723	-1.94279	0.872054	0.943619	-1.05975	0.99589	0.998147	-1.00186	2.82183	5.79382	1.82508	1
cg10907744	GPR133	0.0794447	0.0480887	0.6842	-1.46156	0.359939	0.85376	-1.17129	0.161095	1.28586	1.28586	0.34999	1.17539	1.17539	0.254038	0.818671	-1.22149	0.86902	0.972658	-1.02811	0.293117	1.20105	1.20105	0.0313341	1.52844	1.52844	0.0733035	1.3986	1.3986	2.82182	1.26103	0.397231	1
cg05384664	INS-IGF2;IGF2;IGF2;IGF2	0.0794468	0.683769	0.880179	-1.13613	0.0649152	1.90789	1.90789	0.0690014	1.88542	1.88542	0.880177	1.04813	1.04813	0.0479945	0.494366	-2.02279	0.774303	1.09374	1.09374	0.245572	1.46009	1.46009	0.0377517	0.471916	-2.11902	0.547321	0.827136	-1.20899	2.82179	4.34063	1.36734	1
cg20784768	SLC35F3	0.0794474	0.546421	1.57805	1.57805	0.0783444	4.31282	4.31282	0.392787	1.92381	1.92381	0.190613	2.81746	2.81746	0.379399	0.509683	-1.962	0.941146	0.946309	-1.05674	0.279223	0.431355	-2.31828	0.013325	9.89117	9.89117	0.0253115	7.29665	7.29665	2.82178	24.9644	7.86405	1
cg24236938	DLK2;DLK2	0.079448	0.327683	0.702724	-1.42303	0.00820567	3.25734	3.25734	0.406095	1.34551	1.34551	0.722639	1.13251	1.13251	0.14084	0.575171	-1.73861	0.682649	0.86629	-1.15435	0.869417	0.944169	-1.05913	0.291654	0.682461	-1.46529	0.0614972	0.479256	-2.08657	2.82177	5.44865	1.71639	1
cg08212685	ATG10;ATG10;ATG10;ATG10	0.0794487	0.67814	1.10197	1.10197	0.396683	0.817149	-1.22377	0.291554	0.775202	-1.28999	0.644926	1.11401	1.11401	0.647134	1.11319	1.11319	0.74591	1.07858	1.07858	0.270179	0.765572	-1.30621	0.210857	0.735847	-1.35898	0.00340862	2.52432	2.52432	2.82176	2.41922	0.762086	1
cg14981312	C1orf159	0.0794489	0.900826	1.03498	1.03498	0.254986	0.720528	-1.38787	0.0333144	0.503583	-1.98577	0.46678	1.22658	1.22658	0.563802	0.851348	-1.17461	0.918584	1.0286	1.0286	0.0101062	0.408604	-2.44736	0.0595874	0.556352	-1.79742	0.0644996	0.563963	-1.77317	2.82175	3.39913	1.07077	1
cg05988638	LOC340508	0.0794492	0.0622104	2.33276	2.33276	0.335698	1.49265	1.49265	0.553455	1.27363	1.27363	0.252935	1.61899	1.61899	0.0339696	2.71491	2.71491	0.532907	0.775041	-1.29025	0.00569747	4.31893	4.31893	0.68758	0.849494	-1.17717	0.276535	1.57882	1.57882	2.82175	7.27576	2.29196	1
cg21323836	NCRNA00171	0.0794501	0.216407	0.676132	-1.479	0.885601	0.957612	-1.04426	0.552147	0.834466	-1.19837	0.0106089	0.380272	-2.62969	0.00570544	0.33601	-2.9761	0.0980986	0.579318	-1.72617	0.453189	0.79461	-1.25848	0.544414	0.831452	-1.20272	0.239656	0.690426	-1.44838	2.82174	4.04531	1.27433	1
cg18984211	FBXO41	0.0794581	0.0520096	0.448938	-2.22748	0.714924	0.875554	-1.14213	0.60322	0.826976	-1.20922	0.0846967	0.501174	-1.99532	0.393282	1.37275	1.37275	0.0595725	0.462867	-2.16045	0.0829294	0.498781	-2.00489	0.432578	1.33663	1.33663	0.0152082	0.339554	-2.94504	2.82162	5.86542	1.84777	1
cg15586193	ACHE;ACHE	0.0794611	0.577157	0.843804	-1.18511	0.42098	1.28132	1.28132	0.260701	0.702073	-1.42435	0.529395	1.21182	1.21182	0.00361619	0.304968	-3.27903	0.115518	0.596963	-1.67515	0.941925	1.02221	1.02221	0.279775	1.40326	1.40326	0.408048	0.774787	-1.29068	2.82158	4.06295	1.27996	1
cg12926529	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.0794622	0.0410076	0.389356	-2.56835	0.19834	0.580561	-1.72247	0.108991	0.49701	-2.01203	0.330708	0.669341	-1.49401	0.0479538	0.404789	-2.47043	0.093916	0.478668	-2.08913	0.00680555	0.245973	-4.06548	0.109269	0.497331	-2.01073	0.0861182	0.468356	-2.13513	2.82156	7.14975	2.25242	1
cg16700025	CMIP	0.079465	?	?	?	?	?	?	?	?	?	0.979743	1.01427	1.01427	0.0228727	0.151692	-6.59229	0.173908	0.420337	-2.37905	?	?	?	?	?	?	?	?	?	4.89752	7.0155	1.90995	1
cg09735190	CHTF18	0.0794653	0.854937	0.975588	-1.02502	0.0549559	0.74534	-1.34167	0.970601	0.995035	-1.00499	0.705725	0.950059	-1.05257	0.0511262	0.740838	-1.34982	0.141051	0.807521	-1.23836	0.152609	1.22986	1.22986	0.0696621	0.760335	-1.31521	0.018678	0.68047	-1.46957	2.82151	0.81499	0.256754	1
cg18094366	MIF	0.0794661	0.885254	1.03433	1.03433	0.681262	0.907961	-1.10137	0.181765	1.39289	1.39289	0.211877	1.35995	1.35995	0.507007	1.17044	1.17044	0.0122237	2.07471	2.07471	0.905108	1.02827	1.02827	0.142226	0.691535	-1.44606	0.0188996	1.94389	1.94389	2.8215	2.44236	0.769444	1
cg06801028	NCOA4;NCOA4;NCOA4;NCOA4;NCOA4	0.0794686	0.451221	0.679147	-1.47243	0.0388326	0.299472	-3.33921	0.0451315	0.313906	-3.18567	0.248514	0.544419	-1.83682	0.0958214	0.397704	-2.51444	0.292894	0.576949	-1.73326	0.0194388	0.240716	-4.15428	0.135808	2.24847	2.24847	0.300423	0.582237	-1.71751	2.82147	11.3535	3.57685	1
cg18324467	RNF157	0.0794686	0.991867	0.997724	-1.00228	0.420579	0.831973	-1.20196	0.81225	1.05464	1.05464	0.538246	0.869954	-1.14949	0.0549838	0.614788	-1.62658	0.0604969	0.623003	-1.60513	0.0166395	0.520121	-1.92263	0.0524815	1.63713	1.63713	0.756677	0.932876	-1.07195	2.82147	2.23334	0.703601	1
cg23682940	ALDH1A3	0.0794716	0.180895	0.778005	-1.28534	0.472134	0.878772	-1.13795	0.336747	1.19126	1.19126	0.755585	1.05673	1.05673	0.858128	0.968877	-1.03212	0.189521	0.782262	-1.27834	0.00237411	0.472951	-2.11438	0.855571	0.968318	-1.03272	0.242903	0.805791	-1.24102	2.82142	1.39518	0.439552	1
cg17584490	RUNDC1	0.0794721	0.143258	0.273064	-3.66215	0.182675	0.311316	-3.21217	0.429929	0.514344	-1.94423	0.760572	1.28687	1.28687	0.167414	0.296896	-3.36818	0.375548	0.472146	-2.11799	0.00234087	0.0300409	-33.2879	0.514076	0.579244	-1.72639	0.0802874	0.201676	-4.95846	2.82142	30.4283	9.58645	1
cg01071289	PACRG;PACRG;PACRG	0.0794722	0.255732	1.24918	1.24918	0.19234	1.29533	1.29533	0.0277606	1.62873	1.62873	0.716623	1.07075	1.07075	0.200272	1.2888	1.2888	0.175009	0.763001	-1.31061	0.00691294	1.92624	1.92624	0.82959	1.04125	1.04125	0.533808	1.12544	1.12544	2.82141	1.57137	0.495062	1
cg14403200	MAMDC2	0.0794821	0.0508529	7.38588	7.38588	0.0891354	5.39313	5.39313	0.960216	1.04586	1.04586	0.351507	2.36755	2.36755	0.0335919	9.31112	9.31112	0.311383	2.56358	2.56358	0.0170183	13.6729	13.6729	0.0700151	6.1771	6.1771	0.0274832	10.421	10.421	2.82127	36.1013	11.3743	1
cg04354689	LOC652276	0.0794832	0.699043	0.812965	-1.23007	0.246093	0.523847	-1.90895	0.158463	0.447747	-2.2334	0.239309	0.518505	-1.92862	0.0834969	0.360204	-2.77621	0.214424	0.498251	-2.00702	0.00593655	0.146928	-6.80604	0.821978	1.12763	1.12763	0.0178984	0.215713	-4.6358	2.82125	12.694	3.99947	1
cg26844171	VDAC3;VDAC3	0.0794836	?	?	?	0.375056	1.7986	1.7986	0.349355	1.86335	1.86335	0.329671	0.521539	-1.9174	0.594522	1.4086	1.4086	0.0181139	0.124393	-8.03901	?	?	?	0.056232	4.44648	4.44648	0.259548	2.15255	2.15255	3.82344	17.364	3.2439	1
cg21454925	KIAA0802	0.0794847	0.261339	0.829999	-1.20482	0.280124	1.19553	1.19553	0.00348672	1.87863	1.87863	0.832	1.03437	1.03437	0.95599	1.00882	1.00882	0.943389	0.988767	-1.01136	0.418266	1.14062	1.14062	0.545544	0.907275	-1.1022	0.146019	0.780161	-1.28179	2.82123	1.13059	0.356218	1
cg04940329	KRT23	0.0794858	0.44674	0.805841	-1.24094	0.934043	1.02331	1.02331	0.00425615	0.34481	-2.90015	0.102951	0.608611	-1.64309	0.835963	1.05941	1.05941	0.506562	0.82896	-1.20633	0.0799683	1.71733	1.71733	0.630642	0.873844	-1.14437	0.450356	0.807275	-1.23873	2.82122	3.46199	1.09078	1
cg03620158	PPM1H	0.0794866	0.20111	1.18316	1.18316	0.0150144	1.45124	1.45124	0.0764029	1.27834	1.27834	0.416488	0.901723	-1.10899	0.0884276	1.26385	1.26385	0.220583	0.851777	-1.17402	0.370785	0.891825	-1.1213	0.313894	0.878318	-1.13854	0.756856	1.03945	1.03945	2.8212	0.693369	0.218463	1
cg08753227	HSF2BP	0.0794868	0.488496	0.892814	-1.12005	0.246304	0.822557	-1.21572	0.053375	0.702186	-1.42412	0.906443	1.01912	1.01912	0.546722	1.10325	1.10325	0.0765067	1.37362	1.37362	0.0111085	1.67018	1.67018	0.730493	0.945813	-1.05729	0.646061	0.928208	-1.07734	2.8212	1.15978	0.365417	1
cg03322353	MAML3	0.0794898	0.189366	0.267275	-3.74146	0.41264	2.21434	2.21434	0.857418	1.18611	1.18611	0.479622	0.505588	-1.9779	0.0482896	0.11745	-8.51426	0.946923	1.06522	1.06522	0.00438524	0.0270294	-36.9967	0.61387	0.617016	-1.6207	0.0934755	0.173618	-5.75977	2.82116	40.2455	12.6805	1
cg13461390	ESRRG	0.0794908	0.342085	1.58403	1.58403	0.540459	1.33802	1.33802	0.615394	0.788183	-1.26874	0.667522	1.22515	1.22515	0.0830339	2.46409	2.46409	0.0146835	0.243778	-4.1021	0.0379648	3.09757	3.09757	0.155824	2.04118	2.04118	0.79457	1.13045	1.13045	2.82114	9.86554	3.10845	1
cg08726999	C12orf43	0.079491	0.507073	1.11851	1.11851	0.573546	1.09926	1.09926	0.464108	1.13201	1.13201	0.27841	1.20628	1.20628	0.0277717	0.648685	-1.54158	0.62889	1.08441	1.08441	0.00810106	1.75801	1.75801	0.149495	1.29325	1.29325	0.564981	1.10164	1.10164	2.82114	1.23715	0.389803	1
cg11522812	GFI1;GFI1;GFI1	0.0794917	0.0552613	0.73063	-1.36868	0.794016	0.962911	-1.03852	0.0899902	0.763446	-1.30985	0.720099	1.05334	1.05334	0.479175	0.901311	-1.1095	0.0213343	0.670593	-1.49122	0.931665	1.01246	1.01246	0.442665	1.1197	1.1197	0.0452916	1.39332	1.39332	2.82113	0.932103	0.293689	1
cg07811002	CSRNP3	0.0794936	0.104121	3.91159	3.91159	0.236543	0.385951	-2.59101	0.27638	0.419322	-2.3848	0.1951	2.86329	2.86329	0.929643	0.934457	-1.07014	0.613918	1.47771	1.47771	0.0871982	0.234644	-4.26178	0.0111678	11.4875	11.4875	0.750949	1.27689	1.27689	2.8211	26.3278	8.29551	1
cg25506127	CLK3;CLK3	0.0794946	0.369893	1.20294	1.20294	0.300605	0.80636	-1.24014	0.662833	0.915734	-1.09202	0.401457	0.841715	-1.18805	0.806469	1.05048	1.05048	0.0148548	0.548127	-1.8244	0.0634859	0.657899	-1.51999	0.0120139	0.533316	-1.87506	0.835079	1.04272	1.04272	2.82109	1.79891	0.566812	1
cg12952341	HARS;HARS2	0.0794966	0.0839247	2.37533	2.37533	0.189328	1.86754	1.86754	0.47696	0.724114	-1.381	0.216039	1.79371	1.79371	0.0802196	2.40677	2.40677	0.0258735	0.298056	-3.35507	?	?	?	0.538161	0.757252	-1.32056	0.400839	0.680952	-1.46853	3.05468	8.34634	2.39078	1
cg13010797	KBTBD5	0.0794968	0.151061	0.447136	-2.23646	0.0249541	0.247665	-4.03771	0.00413596	0.133805	-7.47356	0.138706	0.434411	-2.30197	0.835842	0.897141	-1.11465	0.274859	0.551948	-1.81176	0.310893	0.577837	-1.73059	0.688852	1.23436	1.23436	0.603067	0.760004	-1.31578	2.82106	12.2263	3.85239	1
cg26945349	KIF22	0.0794984	0.387716	0.874241	-1.14385	0.0100856	1.63699	1.63699	0.62254	0.927445	-1.07823	0.805853	0.963308	-1.03809	0.24266	0.830592	-1.20396	0.239225	1.20575	1.20575	0.421808	0.882877	-1.13266	0.0399014	0.697279	-1.43415	0.369758	0.869371	-1.15026	2.82103	1.02964	0.324434	1
cg09415057	PRR13;PRR13	0.0794987	0.6682	0.902635	-1.10787	0.00453444	0.407231	-2.45561	0.259259	1.3226	1.3226	0.540976	0.863272	-1.15838	0.56857	1.14672	1.14672	0.285984	1.30115	1.30115	0.168108	0.70542	-1.41759	0.633898	1.12073	1.12073	0.251369	1.32936	1.32936	2.82103	2.52158	0.794535	1
cg11120194	FLT4;FLT4	0.0794992	0.0950782	0.318968	-3.13511	0.0382244	0.223947	-4.46534	0.0465931	0.241781	-4.13598	0.365881	0.560591	-1.78383	0.0612396	0.268757	-3.72083	0.863553	0.898383	-1.11311	0.00700731	0.113917	-8.77835	0.149098	0.381417	-2.6218	0.280936	0.49749	-2.01009	2.82102	17.3406	5.46393	1
cg18456691	C20orf108	0.0794998	0.426926	0.847079	-1.18053	0.907469	0.976492	-1.02407	0.681548	1.08808	1.08808	0.0109075	0.52007	-1.92282	0.942181	0.985269	-1.01495	0.33285	0.815154	-1.22676	0.090336	0.682606	-1.46497	0.0609832	1.5404	1.5404	0.18193	1.33626	1.33626	2.82101	1.87016	0.58928	1
cg25582401	AGAP2;AGAP2	0.0795008	0.350886	0.727705	-1.37418	0.0730298	1.93852	1.93852	0.088086	1.86471	1.86471	0.0821932	1.89169	1.89169	0.183496	0.626769	-1.59548	0.652859	0.860801	-1.16171	0.17192	0.617911	-1.61836	0.0848202	0.532088	-1.87939	0.258801	1.47704	1.47704	2.821	4.89664	1.54292	1
cg05358183	KIAA0513	0.0795016	0.314536	0.860585	-1.162	0.262055	0.844658	-1.18391	0.0995217	1.29774	1.29774	0.454928	0.895949	-1.11613	0.257717	0.843242	-1.1859	0.680606	0.941999	-1.06157	0.00607036	1.67741	1.67741	0.34121	1.1521	1.1521	0.954807	1.00821	1.00821	2.82098	0.931067	0.293378	1
cg21513757	SLC25A13;SLC25A13;SLC25A13	0.0795016	0.572345	0.906533	-1.1031	0.0849283	1.38772	1.38772	0.00438129	1.92413	1.92413	0.928179	1.01563	1.01563	0.45331	1.14042	1.14042	0.448612	1.14204	1.14204	0.770047	1.05171	1.05171	0.0640339	1.43044	1.43044	0.0609818	1.42793	1.42793	2.82098	1.32167	0.416457	1
cg02161478	OTX2OS1	0.0795017	0.0692776	0.264867	-3.77548	0.248479	0.454479	-2.20032	0.0260936	0.178034	-5.61692	0.03415	0.198704	-5.03261	0.0679736	0.262825	-3.80481	0.103666	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16197188	NRG3;NRG3;NRG3	0.0795019	0.875681	1.03566	1.03566	0.337843	1.24751	1.24751	0.00328384	0.407935	-2.45137	0.913545	0.975986	-1.02461	0.701661	1.08997	1.08997	0.60497	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00397324	MX1;MX1	0.0795079	0.203887	14.1378	14.1378	0.352733	6.61234	6.61234	0.0958617	0.0269734	-37.0736	0.611469	0.363515	-2.75092	0.0984982	35.8422	35.8422	?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23845889	MTMR7	0.0795088	0.713176	1.06885	1.06885	0.341421	0.83796	-1.19337	0.253252	1.24008	1.24008	0.330112	1.1987	1.1987	0.733539	0.94024	-1.06356	0.00299257	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01138171	ARHGEF4;ARHGEF4	0.0795092	0.586606	0.713502	-1.40154	0.071292	0.289806	-3.45058	0.315691	0.528437	-1.89237	0.0286511	4.88998	4.88998	0.68618	0.779005	-1.28369	0.61578	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27067282	CRY1	0.0795096	0.125132	1.55005	1.55005	0.090909	1.63514	1.63514	0.33829	1.29774	1.29774	0.19358	0.695437	-1.43794	0.107896	1.58914	1.58914	0.251383	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06398114	TTYH3	0.0795116	0.0996306	1.72987	1.72987	0.16277	1.57223	1.57223	0.0951896	1.74504	1.74504	0.0475359	1.99029	1.99029	0.146742	1.60476	1.60476	0.693325	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23414262	CHSY3	0.0795131	0.0949587	0.47758	-2.09389	0.480836	1.33456	1.33456	0.740575	1.14319	1.14319	0.520547	0.76928	-1.29992	0.00381008	0.207729	-4.81397	0.760914	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24125889	MDM1;MDM1;MDM1;MDM1	0.0795133	0.00987253	0.197227	-5.07031	0.614723	1.28749	1.28749	0.26738	0.562547	-1.77763	0.0922267	2.51621	2.51621	0.392669	1.5465	1.5465	0.0974934	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16225663	TNXB	0.0795136	0.275136	0.442923	-2.25773	0.00183594	0.0418321	-23.9051	0.0678234	0.230574	-4.33701	0.844425	0.868559	-1.15133	0.225984	0.401744	-2.48915	0.476821	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15527168	CALML6	0.079515	0.11341	0.348804	-2.86694	0.0320036	0.215213	-4.64656	0.0457127	0.246458	-4.05748	0.257474	0.485524	-2.05963	0.028918	0.207045	-4.82987	0.0559542	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20000132	NFASC;NFASC;NFASC;NFASC	0.0795155	0.405401	1.34999	1.34999	0.589724	1.21157	1.21157	0.219372	0.634238	-1.5767	0.0169843	2.79049	2.79049	0.157931	0.587292	-1.70273	0.920386	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19001113	PDE10A;PDE10A	0.0795162	0.294282	0.853731	-1.17133	0.173089	0.809973	-1.23461	0.0402745	0.708606	-1.41122	0.596742	1.08072	1.08072	0.0772157	1.33058	1.33058	0.0385661	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15311812	KIAA0586;TIMM9	0.0795162	0.0152104	0.536008	-1.86564	0.489847	0.863529	-1.15804	0.220167	0.763645	-1.30951	0.954087	0.988029	-1.01212	0.0372386	0.603021	-1.65832	0.725601	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02125104	FER1L6	0.0795165	0.908653	0.966574	-1.03458	0.538205	0.831434	-1.20274	0.0110153	0.388816	-2.57191	0.0165878	0.420339	-2.37903	0.0939346	0.579529	-1.72554	0.924319	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20110633	LYPD5;LYPD5	0.0795168	0.0265062	3.64523	3.64523	0.101251	2.41681	2.41681	0.878993	0.927818	-1.0778	0.109277	2.36013	2.36013	0.554757	0.745429	-1.34151	0.892405	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
ch.12.2545474F	TMEM120B	0.0795168	0.00782609	0.180651	-5.53553	0.141664	0.452847	-2.20825	0.110047	0.417622	-2.39451	0.0736694	0.368017	-2.71726	0.0319101	0.283527	-3.527	0.168234	0.478961	-2.08785	0.0405309	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.87998	2.82076	11.2275	3.53806	1

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	S5(Test)	S5(Error)	
cg19801560	HIST1H4G	0.079517	0.129124	2.785154	0.27364	1.144109	1.26043	1.046353	0.11627	1.14604	0.795934	-1.25639	0.616329	0.928194	-1.07736	0.669234	1.00544	1.00544	0.00788385	1.65326	1.65326	0.385683	1.14816	1.14816	0.212955	1.21345	2.82076	0.979324	0.306276	1
cg06718315	GREB1L	0.079172	0.059072	6.644414	-1.50509	0.381536	1.18786	1.18786	0.984494	0.996279	-1.00373	0.0114991	0.545322	-1.83378	0.92607	0.982355	1.01796	0.534961	0.886455	-1.12809	0.0397533	1.5778	1.5778	0.509293	0.879493	-1.13702	0.712926	1.07346	1.07346	0.204726	1.64368	0.517964	1
cg11725265	TRMT61A	0.079518	0.932726	1.06615	1.06615	0.00818439	13.03113	13.03113	0.0176632	8.93282	8.93282	4.6768	0.577601	-1.7313	0.596895	0.667005	-1.49924	0.369348	0.494095	-2.02022	0.590514	0.662224	-1.51006	0.974252	1.02479	1.02479	0.610504	0.677225	-1.47661	2.82074	25.7174	8.10422	1
cg16480803	AMPH;AMPH	0.079518	0.0959064	0.613035	-1.63123	0.202091	0.697928	-1.43281	0.0265661	0.494886	-2.02067	0.0562687	0.597761	-1.78326	0.0184334	0.526343	-1.89989	0.835887	1.05707	1.05707	0.226438	1.40474	1.40474	0.397577	1.26084	1.26084	0.889371	1.03794	1.03794	2.82074	3.19876	1.00801	1
cg23222573	FSF1;C20orf7;C20orf7;C20orf7	0.079519	0.701289	1.0474	1.0474	0.980021	0.956996	-1.00301	0.0150046	1.43203	1.43203	0.873151	1.01938	1.01938	1.03246	1.03246	1.03246	0.26091	0.870019	-1.1494	0.0512109	0.765844	-1.30575	0.286517	1.14224	1.14224	0.82073	0.645008	0.20326	1
cg20724004	AGBL5;AGBL5;AGBL5;AGBL5	0.079521	0.0527833	1.54941	1.54941	0.582693	0.895499	-1.1167	0.0117468	0.534699	-1.87021	0.15009	1.35918	1.35918	0.484686	1.1517	1.1517	1.14913	0.735131	-1.3603	0.544864	1.12963	1.12963	0.803212	0.955155	-1.05092	0.414561	1.18047	1.18047	2.82069	1.76741	0.556966	1
cg23970089	ATP5I	0.079522	0.696796	0.920431	-1.08645	0.125444	1.4207	1.4207	0.457627	1.1737	1.1737	0.50537	1.15385	1.15385	0.390234	1.20493	1.20493	1.00481744	1.20766	1.20766	0.0769485	0.659376	-1.51659	0.269091	1.27598	1.27598	0.901126	1.02667	1.02667	2.82068	2.00297	0.631201	1
cg10968396	EIC1;ERC1;ERC1;ERC1;ERC1	0.079524	0.537402	1.23825	1.23825	0.0189398	0.185455	-1.53414	0.128783	0.670171	-1.75386	0.2773	0.957525	-1.10256	0.882017	1.05213	1.05213	0.391565	0.740532	-1.35038	0.370961	1.64256	1.64256	0.194317	1.59979	1.59979	0.608556	1.19334	1.19334	2.82066	5.21512	1.64861	1
cg08461352	FAM110B	0.079562	0.0414614	1.66165	1.66165	0.916183	1.02735	1.02735	0.350462	0.781763	-1.27916	0.351327	1.27869	1.27869	0.107781	0.637772	-1.56796	0.23138	0.724895	-1.37951	0.0432996	0.551168	-1.81433	0.0238494	0.501041	-1.99584	0.879837	0.961971	-1.03953	2.82063	2.93422	0.924688	1
cg12555844	PARVG;PARVG	0.079574	0.665434	1.13419	1.13419	0.00340005	3.16583	3.16583	0.193104	1.48978	1.48978	0.302243	0.733942	-1.36251	0.281221	1.38286	1.38286	0.115723	1.6403	1.6403	0.944183	1.02047	1.02047	0.231196	1.43835	1.43835	0.532031	0.832599	-1.20106	2.82061	3.74227	1.17934	1
cg19684795	SYT13	0.079578	0.9606813	1.04102	1.04102	0.0135555	1.78255	1.78255	0.0147793	1.30243	1.30243	0.0090261	1.4015	1.4015	0.0728356	1.35008	1.35008	0.058902	1.37706	1.37706	0.220778	1.1877	1.1877	0.220778	1.1877	1.1877	0.220778	1.1877	1.432	2.826	1.00546	0.316862	1
cg02039214	NTRK3;NTRK3;NTRK3	0.079589	0.0563653	3418	-2.92569	0.82641	1.15531	1.11531	0.73393	0.866674	-1.15384	0.118735	0.431104	-2.31663	0.00585327	0.166546	-6.00433	0.947234	1.46951	1.46951	0.719861	1.19595	1.19595	0.651853	0.797983	-1.25316	0.0659191	0.358741	-2.78752	2.82059	10.0279	3.47538	1
cg25160034	RNF5P1	0.079594	0.19123	0.846567	-1.18067	0.677188	1.06716	1.06716	0.422656	1.13527	1.13527	0.107331	1.49993	1.49993	0.446436	1.12806	1.12806	0.989586	1.00319	1.00319	0.0959278	1.66512	1.66512	0.264534	0.832041	-1.20186	0.556703	0.911838	-1.09669	2.82058	1.07585	0.339562	1
cg27517652	TOR3A	0.079301	0.340232	0.482329	-2.07327	0.0549792	0.44398	0.44398	0.0135608	0.775517	-1.2928	0.062646	0.42417	-2.35755	0.0227048	0.327421	-3.05417	0.23956	0.6040311	-1.6556	0.195497	0.570949	-1.75147	0.414591	1.71032	-1.40443	0.466179	1.35469	1.35469	2.82057	7.48626	2.35926	1
cg15042302	PXD111	0.079308	0.124428	0.421694	-2.37139	0.354037	0.609169	-1.64037	0.0565651	0.32617	-3.06589	0.0170964	0.221183	-4.52114	0.0244241	0.248683	-4.02118	0.764652	0.855697	-1.16864	0.0322474	0.207238	-4.82708	0.580085	0.748638	-1.33576	0.0511308	0.31572	-3.16736	2.82056	12.035	3.79277	1
cg06081365	PRDM16;PRDM16	0.079531	0.885531	1.02638	1.02638	0.70244	0.885486	-1.12932	0.770066	0.749973	-1.05266	0.719247	0.949372	-1.06743	0.648667	0.674625	-1.4823	0.0663439	1.45149	1.45149	0.0383244	1.83981	1.83981	0.597759	0.908237	-1.10103	0.535341	1.12016	1.12016	2.82055	1.4957	0.46002	1
cg03572731	POU5F1	0.079533	0.617347	1.18025	1.18025	0.4665	0.783751	-1.27592	0.707695	1.13185	1.13185	0.0243171	2.41731	2.41731	0.190038	0.633369	-1.57836	0.0468796	2.11299	2.11299	0.733409	0.8936792	-1.11898	0.0344254	2.25064	2.25064	0.100012	1.80874	1.80874	2.82053	4.8301	1.5222	1
cg07491858	DOHH2A	0.079541	0.172601	0.402211	-2.03165	0.00457053	0.158184	-6.32174	0.99501	1.00306	1.00306	0.328151	1.37092	1.37092	0.422017	0.609969	-1.49261	0.143779	2.15331	2.15331	0.365376	1.76262	1.76262	0.530569	1.36374	1.36374	0.952602	1.02945	1.02945	2.82051	0.61624	0.35754	1
cg20675196	PTPRA;PTPRA	0.079565	0.970315	1.00524	1.00524	0.103582	1.28191	1.28191	0.330808	1.15323	1.15323	0.423468	1.12557	1.12557	0.684227	1.05906	1.05906	0.685961	1.05871	1.05871	0.706311	0.948259	-1.05456	0.0441674	0.583394	-1.71431	0.245523	0.842605	-1.1868	2.82048	0.879837	0.277286	1
cg14989968	MCF2L;MCF2L	0.079567	0.963189	0.987756	-1.0124	0.0828245	1.6698	1.6698	0.00221061	3.14215	3.14215	0.113425	1.58376	1.58376	0.325193	1.31151	1.31151	0.847717	1.05266	1.05266	0.601275	1.15112	1.15112	0.481387	1.21049	1.21049	0.149149	1.51122	1.51122	2.82047	3.18271	1.00305	1
cg14138116	RPLP0;RPLP0;RPLP0;RPLP0;RPLP0;RPLP0;RPLP0;RPLP0;RPLP0;RPLP0;RPLP0;RPLP0	0.079571	0.0568639	1.12631	1.12631	0.0499	0.232581	-1.09018	0.0838307	0.400345	-2.49784	0.163088	0.264324	-3.78401	0.0311096	0.310377	-3.22795	?	?	?	?	?	?	?	?	?	0.09756	0.320072	-3.1243	6.4023	0.7645	1.14387	1
cg21258259	TPTEP1;TPDP1	0.079375	0.933456	0.971565	-1.02927	0.0900007	0.523407	-1.90691	0.196028	0.623577	-1.60365	0.189939	0.619064	-1.61534	0.321092	0.701798	-1.42491	0.0337062	0.424558	-2.35539	0.0617254	0.488343	-2.05853	0.0756766	0.505108	-1.97977	0.0064274	0.293929	-3.40219	2.82046	5.32995	1.67977	1
cg27600766	TTC39C;TTC39C;TTC39C	0.079402	0.178048	0.548453	-1.82357	0.173848	1.04532	1.04532	0.813593	1.12468	1.12468	0.113453	0.554101	-1.80455	0.0110073	0.521176	-1.91874	0.587727	1.14312	1.14312	0.0895953	1.07954	1.07954	0.503376	1.13866	1.13866	0.8805071	1.05182	1.05182	2.82042	1.64563	0.583529	1
cg21746001	RARG;RARG	0.079514	0.792602	1.05033	1.05032	0.678028	1.08088	1.08088	0.211165	1.27816	1.27816	0.024901	1.64424	1.64424	0.228072	1.26579	1.26579	0.0539256	1.50327	1.50327	0.00673359	1.92428	1.92428	0.0532704	2.5054	2.5054	0.308965	1.21672	1.21672	2.8204	1.55031	0.488602	1
cg27489009	RPH3AL	0.079519	0.0854543	2.976816	-2.16131	0.0828279	0.102217	-9.76312	0.0329584	0.185449	-5.39231	0.413226	0.568287	-1.75968	0.0241053	0.184157	-5.43016	0.259991	0.452128	-2.21176	0.688065	1.31345	0.900222	0.91875	-1.08844	0.271507	1.461472	-2.16698	2.8204	20.3869	6.42524	1
cg20997853	ITPK2	0.079526	0.052685	1.648826	1.64882	0.0183257	1.107569	1.107569	0.722892	1.04537	1.04537	0.0607054	1.10247	1.10247	0.0941991	1.18793	1.18793	0.0168957	0.449604	-2.22438	0.0170994	0.388366	-2.57488	0.0139729	0.835642	-1.19687	0.0358814	0.745187	1.00348	1.00348	2.82039	3.35442	1.0572	1
cg08181646	SIK2	0.079529	0.404896	1.56302	1.56302	0.0164579	6.64626	6.64626	0.00735253	6.11399	6.11399	0.743176	1.18804	1.18804	0.276537	0.552584	-1.80968	0.990847	0.994006	-1.00603	0.121527	2.44025	2.44025	0.417535	1.54642	1.54642	0.649156	1.27129	1.27129	2.82038	12.2683	3.86655	1
cg15383635	VPS52	0.079533	0.376561	1.14854	1.14854	0.602864	1.124775	1.124775	0.0277526	1.44071	1.44071	0.0715736	1.58542	1.58542	0.0133946	1.58552	1.58552	0.0373486	1.1542	1.1542	0.0143381	1.58552	1.58552	0.0133946	1.58552	1.58552	0.0133946	1.58552	1.58552	2.82038	1.04047	0.327921	1
cg09386073	ICT1	0.079541	0.081741	0.3049	-3.27976	0.0974482	1.06427	1.06427	0.0566493	1.77525	1.77525	0.792402	1.17635	1.17635	0.0742095	0.293765	1.40408	0.385346	1.72978	1.72978	0.0875637	0.313104	-3.19383	0.262554	2.05294	2.05294	0.838872	1.882177	1.13356	2.82036	16.9352	5.33743	1
cg11280914	VWA5B2	0.079547	0.0283747	0.369772	-2.70437	0.284145	1.53387	1.53387	0.59072	0.81161	-1.23212	0.684103	1.17032	1.17032	0.367737	0.700664	-1.42722	0.0484215	0.420215	-2.37973	0.132007	0.535239	-1.86832	0.0186533	0.334097	-2.99314	0.106425	0.507772	-1.96959	2.82032	6.60287	2.08105	1
cg10626541	LSM3;XPC;XPC;XPC	0.079373	0.107337	1.29285	1.29285	0.45955	0.798405	0.798405	0.0350552	0.234464	-4.26504	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.327288	2.05168	0.0211207	0.111355	-8.98027	1.93356	15.3828	3.91065	1
cg08431693	ZNF3;ZNF3	0.079586	0.910092	1.02058	1.02058	0.00471676	0.96827	1.96827	0.3626	0.844706	-1.18384	0.744834	1.06067	1.06067	0.10028	0.722709	-1.38368	0.391731	1.17147	1.17147	0.768175	1.05476	1.05476	0.166349	0.766308	-1.30496	0.625111	1.09288	1.09288	2.8203	1.45298	0.457942	1
cg21329507	FAM70A;FAM70A;FAM70A	0.079502	0.0202046	0.30911	-3.2349	0.0208645	0.965465	0.965465	0.0288	0.553993	-1.80638	0.0249593	0.825733	-1.21138	0.0239482	0.768213	-1.30172	0.484715	0.264009	-3.78805	0.0110079	0.521176	-1.91874	0.0300369	-1.33257	0.663455	0.49094	1.20927	1.20927	2.82029	2.97819	0.941726	1
cg21989213	MPP2	0.079502	?	?	?	0.175013	2.3317	2.3317	0.153704	2.48177	2.48177	?	?	?	?	?	?	0.625135	0.249718	0.40452	?	?	?	?	?	?	0.09756	0.320072	-3.1243	6.4023	0.76451	1.14387	1
cg25184828	RYBP	0.079507	0.414161	0.894911	-1.11834	0.130185	0.803107	-1.24485	0.682803	1.05659	1.05659	0.279901	0.860221	-1.16242	0.0130071	0.661721	-1.51021	0.0181865	0.680984	-1.46846	0.248098	0.850624	-1.1756	0.597224	1.07405	1.07405	0.0439369	0.733281	-1.36373	2.82027	0.801895	0.25274	1
cg01504000	CDB1	0.079511	0.183584	0.748797	-1.33509	0.0477441	0.454944	-2.19742	0.515995	0.645096	-1.55016	0.884848	1.08912	1.08912	0.0181791	0.448277	-2.23017	0.318098	3.29574	3.29574	0.0104515	0.303676	3.29574	0.0104515	0.90415	-1.10602	0.464488	0.607772	-1.64535	2.82026	19.3828	6.29817	1
cg05193430	ARG2	0.079557	0.243388	1.17852	1.17852	0.0083136	1.57451	1.57451	0.0136436	1.50765	1.50765	0.853444	1.0252	1.0252	0.098368	1.27625	1.27625	0.309263	1.15211	1.15211	0.626171	1.06829	1.06829	0.573547	0.926327	-1.07953	0.717854	0.952345	-1.05004	2.82025	0.808803	0.254919	1
cg00600209	SLC12A7	0.079543	0.856348	1.06573	1.06573	0.0495406	1.028156	1.028156	0.10699	0.453275	2.20673	0.868163	-1.15186	0.0827255	0.69733	0.84408	1.18434	0.845695	1.04752	1.04752	0.637355	0.84838	1.17851	0.627257	1.53781	0.0271377	1.53781	0.0271377	0.933993	-1.0872	0.0302162	0.619094	1.61292	2.82021	1.57236	0.495583	1
cg00067814	WDR91	0.079581	0.257082	1.11963	1.11963	0.706474	0.964501	-1.03681	0.591539	0.55311	1.05311	0.908045	0.0111	1.0111	1.12028	1.17468	1.17468	0.334689	0.909337	-1.09971	0.0356657	0.704495	-1.41946	0.83998	1.0195	1.0195	1.23041	0.852473	1.17306	2.82016	2.40756	0.712849	1
cg13135180	RPP21	0.079503	0.449363	0.895252	-1.117	0.477269	0.901476	-1.10929	0.650435	1.06767	1.06767	0.313046	1.16158	1.16158	0.907499	0.983454	-1.01682	0.389637	0.88114	-1.13489	0.00625602	0.599657	-1.66762	0.623881	1.07351	1.07351	0.0421428	1.39941	1.39941	2.82013	0.92022	0.290048	1
cg03777759	FAM76D	0.079552	0.3590773	1.15854	1.15854	0.602864	1.127575	1.127575	0.0277526	1.44071	1.44071	0.0715736	1.58542	1.58542	0.0133946	1.58552	1.58552	0.0373486	1.1542	1.1542	0.0143381	1.58552	1.58552	0.0133946	1.58552	1.58552	0.0133946	1.58552	1.58552	2.82012	1.04047	0.327921	1
cg04568251	SEC22A	0.079523	0.842644	1.09156	1.09156	0.0458767	1.74223	1.74223	0.123127	2.08812	2.08812	0.873212	0.932024	-1.07293	0.642353	0.91157	-1.09157	0.00601464	2.00529	2.00529	-1.86548	0.573027	0.779986	-1.28535	0.923986	0.85531	-1.16917	0.975516	0.986563	-1.01362	2.8201	8.67845	2.73543	1
cg00088685	C1QB	0.079509	0.0309316	1.644866	1.64487	0.0183257	1.107569	1.107569	0.722892	1.04537	1.04537	0.0607054	1.10247	1.10247	0.0941991	1.18793	1.18793	0.0168957	0.449604	-2.22438	0.0170994	0.388366	-2.57488	0.0139729	0.835642	-1.19687	0.0358811	0.745187	1.00348	1.00348	2.82009	3.35442	1.0572	1
cg04478991	OSTalpha	0.079533	0.10681	1.85623	1.85623	0.943497	1.02481	1.02481	0.112157	1.83614	1.83614	0.250375	1.52496	1.52496	0.254088	0.658109	-1.51951	0.126711	1.78665	1.78665	0.0135204	2.92671	2.92671	0.0236846	2.58266	2.58266	0.275535	1.48861	1.48861	2.82008	5.51231	1.73748	1
cg20085580	APBB2;APBB2;APBB2	0.079525	0.0685214	0.599388	-1.66825	0.0194415	0.64444	-1.55313	0.0313	0.481475	1.48475	0.0277126	1.48475	1.48475	0.0277126	1.48475	1.48475	0.0969043	0.629186	-1.58909	0.0718949	0.976077	-1.02419	0.901736	0.880231	1.13599	0.0222	1.38504	1.38504	2.82008	2.91908	0.924516	1
cg04146603	CPY;CPY;CPY	0.079554	0.667947	1.16382	1.23086	0.15336	1.553339	0.381039	0.729423	1.35136	0.0152359	0.416991	1.39813	0.544078	0.0356402	1.14676	1.14676	0.0665909	0.485346	-2.06039	0.82805	1.08167	1.08167	0.652888	0.0665909	0.485346	-2.06039	0.82805	5.51625	1.73874	1
cg07879785	CRYL1	0.079566	0.382980	0.761165	-1.31378	0.401824	1.2992	1.2992	0.0825145	0.556189	-1.79795	0.791093	0.922538	-1.08397	0.207924	0.660953	-1.49936	0.128509	1.65065	1.65065	0.0909839	0.566585	-1.76465	0.0180516	2.4017	2.4017	0.918963	1.03153	1.03153	2.82004	4.15608	1.31002	1
cg06135529	UPF3B;UPF3B	0.079569	0.252942	1.09185	1.09185	0.0120294	0.158025	-6.32851	0.4095	1.10906	-1.10906	0.0822378	1.10906	1.10906	0.0821282	0.902459	-1.10995	0.0908043	0.913703	-1.09466	0.0417882	1.27985	1.27985	0.0417882	1.27985	1.27985	0.0417882	1.27985	1.42487	2.82004	2.16908	0.685727	1
cg02129834	CCDC66;CCDC66;CCDC66	0.079581	0.523481	0.90226	-1.10833	0.320303	0.84929	-1.17745	0.293738	0.840931	-1.18916	0.681254	1.06743	1.06743	0.182755	1.2522	1.2522	0.334843	0.853669	-1.17141	0.713966	1.06031	1.06031	0.0680823	1.38405	1.38405	0.00693035	1.7434	1.7434	2.82001	1.13015	0.35623	1
cg02935569	ZNF511	0.079585	0.140135	0.79387	-1.25994	0.219806	0.942475	-1.06115	0.0669557	1.40268	1.40268	0.451184	0.881177	-1.13485	0.107999	1.27166	1.27166	0.64263	1.08004	1.08004	0.0153724	1.66102	1.66102	0.0567911	1.42655	1.42655	0.284173	1.04628	1.04628	2.82001	1.19727	0.382252	1
cg03179291	CAMK4;CAMK1;CAMKK1	0.079589	0.114462	0.29766	-3.42766	0.00775815	18.24251	18.24251	0.0151779	11.0801	11.0801	0.0175611	3.39788	3.39788	0.0194219	3.16285	3.16285	0.16798	0.272166	0.272166	0.0156	4.3678	4.3678	0.0156	4.94064	4.94064	0.0763215	1.53746	1.53746	2.82001	32.2155	10.1561	1
cg02968741	GABRB1;GABRB1	0.079592	0.118912	1.33555	1.33555	0.294754	1.20414	1.20414	0.154781	1.11077	1.11077	0.00324072	1.98666	1.98666	0.167554	1.28594	1.28594	0.0266564	1.56682	1.56682	0.410743	1.15466	1.15466	0.916191	1.01816	1.01816	0.233408	1.23811	1.23811	2.82	1.30531	0.411446	1
cg01954737	PAX3;PAX3;PAX3	0.079574	0.100006	0.618489	-1.61684	0.0104567	0.423488	-2.36134	0.0537329	0.557705	-1.79306	0.618669	0.874791	-1.14313	0.698573	1.10931	1.10931	0.490046	1.20553	1.20553	0.153081	0.665051	-1.50364	0.948856	1.01725	1.01725	0.163717	1.48619	1.48619	2.81994	3.1741	1.00053	1
cg04576620	HIC1	0.079574	0.0778753	1.39383	1.39383	0.0219616	0.628612	-1.59081	0.733092	0.939359	-1.06004	0.31847	0.840156	-1.19026	0.355969	0.852895	-1.17248	0.0197879	0.621667	-1.60858	0.0147284	0.603127	-1.65743	0.0427044	0.869446	-1.15056	0.679803	1.07262	1.07262	2.81993	1.27434	0.401691	1
cg09088437	EDAR	0.079544	0.807985	1.092386	-1.12059	0.374418	0.6529	-1.53163	0.00650353	0.191315	-5.2271	0.246903	0.56769	-1.76152	0.0103541	0.220876	-4.52743	0.844219	0.912108	-1.09636	0.325519	0.621844	-1.60812	0.0844441	0.409623	-2.44127	0.227545	0.553026	-1.80823	2.81992	3.76592	0.97839	1
cg01130192	ACO1	0.079546	0.32949	0.765478	-1.30467	0.0944678	2.72395	2.72395	0.122167	0.641393	-1.55911	0.998369	1.00337	1.00337	0.839458	1.05507	1.05507	0.202593	0.700824	-1.42689	0.72551	1.09763	1.09763	0.625914	0.878244	-1.13864	0.317523	1.31397	1.31397	2.81992	3.11904	0.983178	1
cg00914016	AATF	0.079576	0.160134	0.664319	-1.50511	0.15345	1.513	1.513	0.0152074	0.681001	1.46803	0.0277006	1.27006	1.27006	0.0979638	1.10313	1.10313	0.0931481	0.731398	-1.36753	0.0711388	0.692032	-1.44529	0.0215979	1.19151	1.19151	0.0518061	1.61284	1.61284	2.81989	4.19484	1.33128	1.33128	2.81991	1.33128	0.67801	1
cg19913537	SAMD4A;SAMD4A	0.079562	0.109497	0.736546	-1.35769	0.611908	0.914243	-1.0938	0.955572	0.990285	-1.00981	0.347253	0.844001	-1.18483	0.0172735	0.601557	-1.66235	0.570643	0.904447	-1.10565	0.0148888	1.69019	1.69019	0.370869	1.06238	1.06238	0.64253	0.921352	-1.08536	2.8199	1.37147	0.432317	1
cg04519387	OVOL1	0.079581	0.0941981	1.541394	-2.58004	0.0749363	0.372772	-2.68354	0.0870848	0.310148	-3.22434	0.276647	0.807884	-1.23838	0.0687729	0.625353	-1.59707	0.0519411	0.641747	-1.55847	0.0317847	0.486442	-2.46037	0.0274	0.970285	-1.03067	0.955055	0.997008	-1.00295	2.81989	2.97001	0.937263	1
cg23372535	BRSK2	0.079576	0.486573	0.875015	-1.14284	0.867079	1.03214	1.03214	0.187774	1.30165	1.30165	0.892041	0.97468	-1.02598	0.158412	0.752196	-1.32944	0.834118	1.0404	1.0404	0.00378005	2.09171	2.09171	0.451624	2.86516	-1.15585	0.348762	0.833449	-1.19983	2.81988	1.593	0.502149	1
cg12566152	FLAI1350	0.079582	0.0179342	7.2688	7.2688	0.0688594	0.47193	-2.07193	0.565439	0.669857	-1.49286	0.384251	0.540518	-1.85008	0.385897	0.541727	-1.84595	0.170687	0.365652	-2.73484	0.153433	0.329645	-3.03357	0.189629	2.60678	2.60678	0.440573	1.72009	1.72009	2.81987	21.2387	6.69496	1
cg06628099	ZNF182;ZNF182;SPACA5	0.079584	0.154889	0.638112	-1.56687	0.149494	0.473563	-2.11265	0.23949	0.95654	-1.04548	0.0897	0.31085	1.1537	0.0215	0.259208	-3.85767	0.0037546	0.710282	1.40808	0.0201	1.54557	1.54557	0.0201	1.46868	1.46868	0.0201	1.46868	1.46868	2.81986	2.12249	0.73822	1
cg18158670	IGF1R	0.079523	0.0998649	0.454561	-2.19992	0.626339	0.807015	-1.23913	0.0472154	0.370535	-2.6988	0.19871	0.553143	-1.80785	0.113735	0.471226	-2.12212	0.141324	0.500765	-1.99695	0.0078717	0.225198	-4.44054	0.780105	0.884818	-1.13018	0.0231427

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10882179	DGCR9	0.0796891	0.712985	1.09538	1.09538	0.0120033	2.16554	2.16554	0.0064641	2.39434	2.39434	0.917392	1.02591	1.02591	0.12326	1.50937	1.50937
cg04387347	ZFPM1	0.0796902	0.0697303	0.444531	-2.24956	0.0181261	0.317573	-3.14888	0.384194	0.700019	-1.42853	0.356744	0.68463	-1.46064	0.00717062	0.249669	-4.00531
cg14518868	FRS2;FRS2	0.0796904	0.0553755	1.86239	1.86239	0.149014	1.55759	1.55759	0.239547	1.42286	1.42286	0.259162	1.40087	1.40087	0.794163	0.92786	-1.07775
cg25408950	NEK7	0.079693	0.0450404	0.20841	-4.79825	0.0834808	0.270806	-3.69268	0.0981989	0.290317	-3.44451	0.0773177	0.262089	-3.81549	0.0110851	0.113971	-8.7742
cg23060465	EIF2C2;EIF2C2	0.0796985	0.180156	1.96136	1.96136	0.00501155	5.79693	5.79693	0.351252	1.57468	1.57468	0.415442	1.48283	1.48283	0.735268	1.17424	1.17424
cg04155289	PON1	0.0797008	0.047959	2.10599	2.10599	0.185061	1.58884	1.58884	0.069341	1.95285	1.95285	0.825397	0.929803	-1.0755	0.0890524	1.85476	1.85476
cg03780561	GPRC5B	0.0797012	0.0438088	15.881	15.881	?	?	?	0.0960731	8.85461	8.85461	0.109923	7.99944	7.99944	0.530423	2.13483	2.13483
cg16509173	ST5;ST5;ST5	0.0797022	0.0876104	0.407337	-2.45497	0.106086	2.31796	2.31796	0.122328	2.22011	2.22011	0.291636	0.593818	-1.68402	0.0598402	0.363699	-2.74952
cg07997634	SLC25A13;SLC25A13;SLC25A13	0.0797025	0.0929033	0.321999	-3.1056	0.00685538	0.116915	-8.55325	0.0447079	0.243509	-4.10663	0.364052	0.564538	-1.77136	0.241062	0.471296	-2.12181
cg15001215	C3orf79	0.0797028	0.0417164	0.181325	-5.51497	0.676759	0.737167	-1.35654	0.122495	0.296039	-3.37793	0.538882	0.636017	-1.57228	0.0363148	0.170305	-5.87183
cg14003794	LRRC3	0.0797046	0.881164	1.04219	1.04219	0.135445	0.641098	-1.55982	0.293179	0.739881	-1.35157	0.319939	1.32835	1.32835	0.0103509	0.409723	-2.44067
cg05040778	ZNF684	0.0797052	0.230666	0.685211	-1.4594	0.00687509	0.34921	-2.8636	0.0263649	0.453062	-2.2072	0.181653	0.652953	-1.5315	0.0283773	0.459374	-2.17687
cg24851249	CAMTA1	0.0797075	0.0150181	0.217352	-4.60084	0.190162	0.492444	-2.03069	0.0295956	0.270459	-3.69742	0.938326	1.0403	1.0403	0.0202524	0.239493	-4.17548
cg03308494	SLC26A10	0.0797095	0.140415	1.83402	1.83402	0.0173141	3.02996	3.02996	0.380685	1.4104	1.4104	0.910585	0.957948	-1.0439	0.300876	1.50674	1.50674
cg27088126	F8;F8	0.0797103	0.608721	1.3146	1.3146	0.510789	0.702307	-1.42388	0.0769095	0.352688	-2.83537	0.222	0.506617	-1.97388	0.00479298	0.137615	-7.26667
cg14168002	ST6GALNAC6	0.079711	0.573665	1.14662	1.14662	0.462515	1.1972	1.1972	0.00973714	2.19647	2.19647	0.239534	1.34501	1.34501	0.984712	1.00462	1.00462
cg25373408	NCOA3;NCOA3	0.079713	0.136005	1.21852	1.21852	0.737693	1.04222	1.04222	0.973489	1.0041	1.0041	0.933616	0.989804	-1.0103	0.108382	1.24044	1.24044
cg27376817	HSPB1;HSPB1	0.0797139	0.0384093	0.432508	-2.3121	0.75407	0.89601	-1.11606	0.16039	1.68872	1.68872	0.530563	0.800939	-1.24854	0.0582653	0.473443	-2.11218
cg19682835	FAM116B	0.0797145	0.0881174	0.502199	-1.99124	0.742985	0.886546	-1.12797	0.061444	0.46249	-2.16221	0.483527	0.770591	-1.29771	0.0197229	0.356769	-2.80294
cg20002207	IGFBP7	0.0797148	0.435274	0.750407	-1.33261	0.989559	0.995291	-1.00473	0.792405	0.90924	-1.09982	0.443059	0.754195	-1.32592	0.00194618	0.20581	-4.85885
cg21274136	MIR548H4	0.079715	0.0444264	0.476432	-2.09894	0.0815919	0.53798	-1.85881	0.0262025	0.428659	-2.33285	0.102473	0.56331	-1.77522	0.127245	0.588776	-1.69844
cg24038780	SLAIN1	0.0797153	0.337092	0.911423	-1.09719	0.0972847	0.843214	-1.18594	0.951484	0.994314	-1.00572	0.129536	1.16589	1.16589	0.0477981	1.23625	1.23625
cg11384427	CD27;LOC678655	0.0797161	0.337999	0.740242	-1.35091	0.221612	0.676232	-1.47878	0.967561	1.01246	1.01246	0.576255	1.1876	1.1876	0.00596514	0.334636	-2.98832
cg04394967	RDH12	0.0797167	0.0272456	0.365724	-2.7343	0.405772	0.72078	-1.38739	0.677275	0.851193	-1.17482	0.230491	0.616154	-1.62297	0.0236631	0.353488	-2.82895
cg23538195	PRMT8	0.0797217	0.796302	1.10799	1.10799	0.669956	1.18526	1.18526	0.125706	0.518467	-1.92876	0.19129	1.7306	1.7306	0.0120111	0.288802	-3.46258
cg06299996	RBM45	0.0797219	0.601815	0.923855	-1.08242	0.78968	0.960581	-1.04104	0.795535	1.03984	1.03984	0.0147022	0.636496	-1.5711	0.0513442	0.716223	-1.39621
cg11985341	TMEM45B	0.0797231	0.527655	0.881676	-1.1342	0.0969411	0.698695	-1.43124	0.447031	0.858547	-1.16476	0.914016	1.02148	1.02148	0.308679	1.2304	1.2304
cg07363880	BOLA2;GIYD2;SULT1A4;GIYD1;BOLA2B;GIYD2;SULT1A3;GIYD1	0.079724	0.0715605	0.768056	-1.30199	0.499656	1.09403	1.09403	0.405268	1.11815	1.11815	0.87117	1.02151	1.02151	0.0143713	0.673164	-1.48552
cg09552119	CLCC1;CLCC1	0.0797247	0.822656	0.938854	-1.06513	0.048627	0.530963	-1.88337	0.245478	0.710753	-1.40696	0.664804	1.13035	1.13035	0.0180842	0.446205	-2.24112
cg19997236	ANAPC5;ANAPC5	0.0797251	0.344472	1.06633	1.06633	0.722866	0.97679	-1.02376	0.297759	0.931287	-1.07378	0.585805	1.03696	1.03696	0.0222668	1.19803	1.19803
cg25141441	RORA;RORA;RORA;RORA	0.0797265	0.118235	0.694402	-1.44009	0.0705522	0.647559	-1.54426	0.0218986	0.55359	-1.80639	0.0663969	0.642314	-1.55687	0.0506115	0.619429	-1.61439
cg04585227	WDR60	0.0797287	0.174685	0.428372	-2.33442	0.190154	0.442733	-2.2587	0.650343	0.764931	-1.30731	0.751064	0.829532	-1.2055	0.00904918	0.142533	-7.0159
cg09455096	XPO1	0.0797293	0.258385	0.841492	-1.18837	0.202693	1.21752	1.21752	0.132318	1.26831	1.26831	0.388948	0.878792	-1.13793	0.0894947	1.31519	1.31519
cg17579446	GPS2	0.0797297	0.0153628	0.180876	-5.52864	0.293536	0.534577	-1.87064	0.106278	0.362825	-2.75615	0.0732757	0.317258	-3.15201	0.0549128	0.286155	-3.49462
cg02888748	CCDC34;CCDC34	0.079731	0.369883	1.26371	1.26371	0.0105677	0.441555	-2.26472	0.0404272	0.547916	-1.8251	0.114823	1.54627	1.54627	0.429579	0.81469	-1.22746
cg25320499	WNT2B;WNT2B	0.0797323	0.153611	2.05332	2.05332	0.0370133	3.12835	3.12835	0.0569885	2.75733	2.75733	0.156243	2.04266	2.04266	0.675501	1.21927	1.21927
cg27173510	PGBD5	0.0797333	0.113202	0.424911	-2.35344	0.0250294	0.266141	-3.75741	0.0994695	0.407986	-2.45107	0.199387	1.9605	1.9605	0.312409	1.68004	1.68004
cg00156427	THY1	0.0797346	0.10479	0.408593	-2.44742	0.0240287	0.256917	-3.89231	0.075631	0.368452	-2.71405	0.604976	0.768399	-1.30141	0.414271	0.65616	-1.52402
cg17588038	CREB5;CREB5;CREB5	0.0797365	0.359229	1.37968	1.37968	0.0523009	0.470693	-2.12453	0.454447	0.770944	-1.29711	0.829912	0.929186	-1.07621	0.181293	0.615989	-1.62341
cg14486095	UNC119B	0.0797371	0.247702	1.80775	1.80775	0.250722	0.555447	-1.80035	0.244309	0.550601	-1.8162	0.0227593	0.26304	-3.80171	0.148126	2.13839	2.13839
cg14928991	TRMT5;SLC38A6	0.0797379	0.441183	1.08244	1.08244	0.274708	0.891699	-1.12146	0.20867	0.874871	-1.14303	0.203354	1.14503	1.14503	0.303919	1.11337	1.11337
cg03443017	CDH15	0.0797401	0.633251	1.13335	1.13335	0.0704895	1.69285	1.69285	0.763701	1.08168	1.08168	0.564596	1.16374	1.16374	0.0165512	2.14323	2.14323
cg18452672	IGSF1;IGSF1;IGSF1;IGSF1;IGSF1	0.0797409	0.0594596	0.234465	-4.26503	0.0119487	0.117844	-8.48578	0.244882	0.436334	-2.29182	0.189304	2.5806	2.5806	0.308488	0.487417	-2.05163
cg05035456	ADAM33;ADAM33	0.0797409	0.909158	1.13941	1.13941	0.120474	6.86001	6.86001	0.229369	4.22987	4.22987	0.0864947	8.71595	8.71595	0.237347	0.242819	-4.11829
cg25120705	ITGB4;ITGB4;ITGB4	0.0797427	0.276548	0.585072	-1.70919	0.424866	1.47104	1.47104	0.0281885	0.293038	-3.41253	0.139972	0.471381	-2.12143	0.00468952	0.16863	-5.93015
cg01708693	RNPS1;RNPS1	0.0797435	0.957761	1.01122	1.01122	0.246619	0.774786	-1.29068	0.382599	1.20753	1.20753	0.339627	1.23033	1.23033	0.0516008	0.627126	-1.59457
cg19148281	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.079745	0.064613	3.69781	3.69781	0.0129993	6.97094	6.97094	0.308956	1.94134	1.94134	0.273937	2.04877	2.04877	0.105973	3.04164	3.04164
cg27387226	MRPL17	0.079745	0.00817294	0.386763	-2.58556	0.264147	1.38634	1.38634	0.728433	0.906805	-1.10277	0.428645	0.797093	-1.25456	0.464943	0.811619	-1.23211
cg12002820	RBPMS2;MIR1272	0.079745	0.0344242	0.291247	-3.43351	0.0466928	0.32019	-3.12315	0.0378346	0.299934	-3.33406	0.112925	0.422003	-2.36965	0.0435645	0.313369	-3.19113
cg18062140	RBM38;RBM38	0.0797459	0.0141146	0.227041	-4.4045	0.760965	0.861277	-1.16107	0.833899	0.902325	-1.10825	0.158713	0.478376	-2.09041	0.0104017	0.206141	-4.85104
cg21472953	GJB5;GJB4	0.0797459	0.786037	1.0764	1.0764	0.804079	0.934961	-1.06956	0.101835	0.615975	-1.62344	0.433338	0.805475	-1.2415	0.0404732	0.527158	-1.89696
cg14862950	BRMS1;BRMS1	0.0797464	0.543358	1.08389	1.08389	0.0233055	1.42622	1.42622	0.0844071	1.28402	1.28402	0.465338	1.1022	1.1022	0.16052	1.21692	1.21692
cg23136738	AP2A2	0.0797482	0.0499236	0.235438	-4.24741	0.0774419	3.55942	3.55942	0.603516	1.40341	1.40341	0.315391	1.95712	1.95712	0.0480826	0.231912	-4.31199
cg02358761	STK17B	0.0797486	0.0197706	0.364302	-2.74498	0.461743	0.764303	-1.30838	0.759932	0.895875	-1.11623	0.637157	0.843285	-1.18584	0.048649	0.445773	-2.2433
cg18470141	DYNC1H1;DYNC1H1	0.0797499	0.966315	0.992461	-1.0076	0.183813	0.776711	-1.28748	0.438615	0.867991	-1.15209	0.0973542	0.72179	-1.38544	0.0646339	0.68939	-1.45056
cg22812892	IDE	0.0797527	0.227157	1.22899	1.22899	0.0979527	1.34343	1.34343	0.0771317	1.37659	1.37659	0.0920898	1.35195	1.35195	0.677434	1.0704	1.0704
cg24558425	CSMD2;C1orf94	0.0797584	0.0421308	0.639766	-1.56307	0.0380813	0.632147	-1.58191	0.124781	0.728328	-1.37301	0.925445	1.01802	1.01802	0.149663	1.34269	1.34269
cg17729007	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA11;PCDHA11;PCDHA10;PCDHA3;	0.0797584	0.0553857	1.76368	1.76368	0.0441921	1.82949	1.82949	0.885879	1.03824	1.03824	0.429544	1.23455	1.23455	0.314058	1.31265	1.31265
cg19741456	FBXO6	0.0797594	0.515396	1.19712	1.19712	0.373801	1.28279	1.28279	0.388608	0.785821	-1.27255	0.0872349	1.67378	1.67378	0.633237	0.877099	-1.14012
cg07756434	USP13	0.0797597	0.144272	0.437328	-2.28662	0.29138	0.561398	-1.78127	0.393601	1.58535	1.58535	0.574178	0.741274	-1.34903	0.0477627	0.303136	-3.29885
cg15433164	NGLY1;NGLY1;NGLY1;NGLY1;NGLY1;NGLY1;NGLY1	0.0797602	0.197461	1.16383	1.16383	0.16268	1.18054	1.18054	0.0127846	1.41117	1.41117	0.0106018	1.43036	1.43036	0.242469	1.14594	1.14594
cg12910797	HOXB3;HOXB3	0.0797616	0.0986575	2.37018	2.37018	0.0118276	4.47192	4.47192	0.0352099	3.21864	3.21864	0.0425766	3.04248	3.04248	0.911342	0.948305	-1.05451
cg16418735	ARL6;ARL6	0.0797617	0.898449	0.981139	-1.01922	0.643699	1.07193	1.07193	0.438992	1.12492	1.12492	0.306383	1.17108	1.17108	0.128688	1.27746	1.27746
cg25000012	TACR1;TACR1	0.0797627	0.768721	1.05433	1.05433	0.533146	1.11991	1.11991	0.103347	0.726415	-1.37662	0.0154375	0.586732	-1.70436	0.664731	0.924749	-1.08137
cg24167603	ZNF551	0.0797639	0.6637	0.883974	-1.13126	0.374468	0.773386	-1.29302	0.312143	1.34278	1.34278	0.328846	0.752699	-1.32855	0.773237	0.921786	-1.08485
cg00563858	GALNT10	0.0797669	0.14298	0.705667	-1.4171	0.556946	1.1406	1.1406	0.811592	0.948493	-1.0543	0.532613	0.86939	-1.15023	0.00600365	0.451536	-2.21466
cg10500147	LAG3	0.0797677	0.653142	0.864866	-1.15625	0.012845	2.69557	2.69557	0.185433	1.56935	1.56935	0.283203	0.699182	-1.43024	0.444864	0.778833	-1.28397
cg03420907	MGRN1;MGRN1;MGRN1;MGRN1	0.0797687	0.304484	1.52994	1.52994	0.159124	0.547863	-1.82527	0.807347	0.906929	-1.10262	0.0354014	2.66316	2.66316	0.0136273	0.295145	-3.38816
cg02282120	ZDHHC22;ZDHHC22	0.0797689	0.810757	1.02278	1.02278	0.118446	0.852856	-1.17253	0.0259642	0.780207	-1.28171	0.544381	0.944014	-1.05931	0.030271	0.78727	-1.27021
cg02358382	PTPRN2;PTPRN2;PTPRN2	0.0797704	0.768622	0.903776	-1.10647	0.179491	0.613243	-1.63068	0.101453	0.540629	-1.8497	0.856162	1.06421	1.06421	0.0149406	0.358288	-2.79105
cg24514678	PRDM16;PRDM16	0.0797717	0.0299629	0.250723	-3.98846	0.0745597	0.340889	-2.93351	0.250967	0.522134	-1.91522	0.235159	0.509622	-1.96224	0.0227918	0.228489	-4.37657
cg14953397	CLDN3	0.0797718	0.0827732	0.730789	-1.36838	0.120424	0.759582	-1.31651	0.908336	1.01898	1.01898	0.192346	1.25266	1.25266	0.0371573	0.673694	-1.48435
cg24473832	ANGPT4	0.0797728	0.135805	0.628634	-1.59075	0.233782	0.697341	-1.43402	0.863968	0.951686	-1.05077	0.405892	0.782269	-1.27833	0.00172674	0.274978	-3.63665
cg05390356	KIF1B;KIF1B	0.0797729	0.885532	1.07816	1.07816	0.0552177	3.11256	3.11256	0.0560371	3.09772	3.09772	0.260772	1.84549	1.84549	0.814884	0.884682	-1.13035
cg18560144	PAR5;SNORD64	0.0797735	0.43246	1.47998	1.47998	?	?	?	0.0800755	2.58644	2.58644	0.0196767	3.97027	3.97027	0.428234	0.673151	-1.48555
cg08636040	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.079776	0.461424	0.892658	-1.12025	0.377144	0.871754	-1.14711	0.0654301	0.731119	-1.36777	0.341459	1.16004	1.16004	0.660364	1.06926	1.06926
cg18314140	NIPA1;NIPA1	0.0797767	0.871916	0.968954	-1.03204	0.0449279	0.63772	-1.56809	0.150176	1.35188	1.35188	0.206052	0.770496	-1.29786	0.0571068	0.65656	-1.52309
cg10396673	VKORC1;VKORC1	0.0797789	0.0261993	0.605048	-1.65276	0.198657	0.772002	-1.29533	0.192449	0.768893	-1.30057	0.0654169	0.674378	-1.48285	0.0367704	0.629925	-1.58749
cg12588263	PCID2;CUL4A;PCID2;PCID2;CUL4A	0.0797793	0.772826	0.96075	-1.04085	0.224137	1.19322	1.19322	0.0447094	1.37546	1.37546	0.0952888	1.28857	1.28857	0.499357	1.0995	1.0995
cg26163852	ACTA1	0.0797795	0.721721	1.49189	1.49189	0.0709042	9.55661	9.55661	0.0897581	8.10301	8.10301	0.0899853	8.08864	8.08864	0.227746	0.242601	-4.12199
cg15577178	CACNA2D3	0.0797818	0.952805	0.992106	-1.00796	0.779269	1.03834	1.03834	0.902955	0.983799	-1.01647	0.061894	1.32515	1.32515	0.706922	0.950681	-1.05188
cg00503587	PET117	0.0797873	0.247131	0.720286	-1.38834	0.0540606	1.80914	1.80914	0.194436	1.4509	1.4509	0.517415	0.836987	-1.19476	0.648879	1.13234	1.13234
cg24091438	LRRC61;ACTR3C;LRRC61	0.0797894	0.0959798	2.72033	2.72033	0.514462	1.43601	1.43601	0.126381	2.47237	2.47237	0.165914	2.24517	2.24517	0.793339	1.15456	1.15456
cg07964833	FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCAR	0.0797896	0.0880148	5.17268	5.17268	0.0397457	7.96788	7.96788	0.65921	1.47314	1.47314	0.0135122	14.4201	14.4201	0.638043	0.661252	-1.51228
cg14201528	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.0797915	0.697306	1.0491	1.0491	0.0702631	0.780264	-1.28162	0.17618	1.19284	1.19284	0.0658258	0.776386	-1.28802	0.421993	1.10581	1.10581
cg11767984	ZNF788	0.0797918	0.217146	0.619417	-1.61442	0.0212498	0.360079	-2.77717	0.00923605	0.295581	-3.38316	0.16539	0.579394	-1.72594	0.677774	0.857161	-1.16664
cg06952006	TECPR2	0.079792	0.05356	0.665889	-1.50175	0.730278	1.0663	1.0663	0.113231	1.37672	1.37672	0.755464	0.943701	-1.05966	0.219093	1.2709	1.2709
cg15678861	RHPN1	0.0797922	0.100124	0.640628	-1.56097	0.148316	0.681632	-1.46707	0.0064772	0.41691	-2.3986	0.751153	0.924374	-1.08181	0.187357	0.707938	-1.41255
cg03339956	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0797939	0.131351	0.595155	-1.68023	0.00228206	0.256891	-3.89271	0.293278	0.706578	-1.41527	0.563509	0.830234	-1.20448	0.389659	0.75515	-1.32424
cg16986494	FHIT;FHIT	0.0797944	0.287218	1.25992	1.25992	0.394772	1.1999	1.1999	0.00317158	2.32271	2.32271	0.480157	0.860651	-1.16191	0.954512	0.988144	-1.012
cg01680009	VPS8;VPS8	0.0797962	0.745449	0.897888	-1.11372	0.00689317	0.314565	-3.17899	?	?	?	0.391037	1.33722	1.33722	0.931016	1.02904	1.02904
cg10238302	EDAR	0.0797972	0.0397482	0.207695	-4.81476	0.876243	0.902107	-1.10852	0.680062	0.760247	-1.31536	0.284019	0.479156	-2.087	0.0234467	0.167034	-5.98679
cg18633471	PTPRN2;PTPRN2;PTPRN2	0.0797982	0.3152	0.798162	-1.25288	0.126086	0.698175	-1.43231	0.303532	0.793474	-1.26028	0.564591	0.881252	-1.13475	0.00294959	0.412257	-2.42567
cg01601841	ELP2P;GEMIN4	0.0798008	0.159655	1.72517	1.72517	0.259177	1.53296	1.53296	0.209509	1.61608	1.61608	0.00747931	0.286603	-3.48915	0.0766099	0.489305	-2.04372
cg25161889	RPL41;RPL41	0.079802	0.0442175	0.36266	-2.7574	0.419391	1.43627	1.43627	0.181587	0.536711	-1.8632	0.250859	1.69299	1.69299	0.184094	0.538852	-1.8558
cg08114533	PPP1CA;PPP1CA;PPP1CA	0.0798026	0.601276	0.723264	-1.38262	0.6836	0.777412	-1.28632	0.656756	1.31631	1.31631	0.578567	0.708368	-1.4117	0.252549	0.479805	-2.08418
cg15997251	GRID1	0.0798049	0.111054	0.490959	-2.03683	0.0795671	0.450494	-2.21978	0.145915	0.52743	-1.89599	0.0745546	2.25708	2.25708	0.0262126	0.339359	-2.94673
cg18492926	ALDH3B2;ALDH3B2	0.0798056	0.839692	0.94779	-1.05509	0.892159	0.964726	-1.03656	0.00692438	0.396442	-2.52243	0.248235	0.726469	-1.37652	0.0902074	0.609977	-1.63941
cg15324448	ZNF643	0.0798056	0.225484	1.18406	1.18406	0.594817	0.931232	-1.07385	0.0235496	0.698421	-1.4318	0.188304	1.20324	1.20324	0.324473	0.873673	-1.14459
cg07731916	IRF2;IRF2	0.0798085	0.195216	0.508308	-1.96731	0.32178	1.65791	1.65791	0.0669997	2.75681	2.75681	0.00737917	0.181739	-5.5024	0.857328	0.914955	-1.09295
cg22062539	PTDSS1	0.0798085	0.0534239	0.4361	-2.29305	0.186804	0.589009	-1.69777	0.0819821	0.4824	-2.07297	0.0884681	0.491188	-2.03588	0.784636	1.10918	1.10918
cg09979989	SGSM2;SGSM2	0.0798089	0.244604	0.84525	-1.18308	0.0492562	1.36342	1.36342	0.084473	0.768285	-1.3016	0.217161	1.19643	1.19643	0.372713	0.881263	-1.13474
cg17677842	PRDM4	0.0798097	0.261766	0.510488	-1.95891	0.246655	2.00586	2.00586	0.48307	1.50616	1.50616	0.63642	0.760642	-1.31468	0.213814	0.471382	-2.12142
cg24676486	GRINL1A;GCOM1;GCOM1;GRINL1A;GRINL1A	0.079811	?	?	?	0.533078	1.72705	1.72705	0.875349	1.142	1.142	0.0265521	0.0417469	-23.9539	?	?	?
cg19882071	FAM110A	0.0798113	0.651521	1.08709	1.08709	0.0214978	0.60216	-1.66069	0.105482	0.722653	-1.38379	0.0716707	1.44683	1.44683	0.0625602	0.680503	-1.4695
cg16440909	MAMLD1;MAMLD1	0.0798137	0.977361	1.02347	1.02347	0.914321	0.915785	-1.09196	0.831014	0.839718	-1.19088	0.436919	0.52295	-1.91223	0.0237981	0.11022	-9.07277
cg21368143	C12orf77	0.0798145	0.607461	1.16469	1.16469	0.493814	0.815098	-1.22685	0.524045	0.826983	-1.20921	0.345032	0.75115	-1.33129	0.00236884	0.287298	-3.48071
cg02832162	AKAP3	0.0798154	0.150868	0.663692	-1.50672	0.0161879	0.456907	-2.18863	0.0977686	0.616487	-1.62209	0.645571	1.13124	1.13124	0.143946	0.658337	-1.51898
cg13265437	PRRG4	0.079816	0.58872	0.863255	-1.15841	0.0926816	1.64607	1.64607	0.427196	1.24405	1.24405	0.690625	0.89784	-1.11378	0.435124	0.806949	-1.23923
cg09134341	EHMT2;EHMT2	0.0798162	0.324342	1.13586	1.13586	0.492139	1.09125	1.09125	0.0166886	0.693682	-1.44158	0.620433	0.939429	-1.06448	0.372617	0.891754	-1.12138
cg04134845	ESPN	0.0798173	0.135309	0.604814	-1.6534	0.020569	0.418384	-2.39015	0.00945747	0.357999	-2.79331	0.364316	0.74738	-1.33801	0.0783237	0.54287	-1.84206
cg21902325	LHFPL2	0.0798184	0.958108	1.01905	1.01905	0.985224	1.00667	1.00667	0.381693	0.724509	-1.38024	0.735351	0.885273	-1.1296	0.00491334	0.26223	-3.81345
cg06499262	NFAT5;NFAT5;NFAT5;NFAT5;NFAT5	0.0798213	0.528119	1.22754	1.22754	0.00829992	0.338804	-2.95156	0.288632	0.702357	-1.42378	0.905427	0.962596	-1.03886	0.434706	1.29129	1.29129
cg15784615	LTBR	0.0798231	0.251007	0.741837	-1.34801	0.54798	0.859531	-1.16343	0.0263739	0.5191	-1.92641	0.0769702	0.612836	-1.63176	0.542896	0.857836	-1.16572
cg16906595	NDUFS8;NDUFS8	0.0798233	0.544256	0.878741	-1.13799	0.0616583	1.55786	1.55786	0.645592	0.907074	-1.10245	0.493413	1.15776	1.15776	0.835285	0.957096	-1.04483
cg10141352	KCNAB1;KCNAB1	0.0798274	0.754994	0.938092	-1.06599	0.293939	0.800722	-1.24887	0.0830385	1.47964	1.47964	0.0359714	0.60771	-1.64552	0.606831	0.899452	-1.11179
cg08241225	ATP4A	0.0798277	0.585826	0.807672	-1.23813	0.259561	1.57868	1.57868	0.0706547	2.19067	2.19067	0.698205	0.859622	-1.1633	0.00685876	0.256869	-3.89303
cg08452348	CATSPER3	0.0798278	0.166597	1.36361	1.36361	0.0115854	0.514914	-1.94207	0.1037	0.687853	-1.4538	0.419664	1.18933	1.18933	0.739974	1.07255	1.07255
cg00475260	ZNF800	0.0798399	0.574105	0.831862	-1.20212	0.302727	1.41353	1.41353	0.0238218	2.39736	2.39736	0.721385	0.890403	-1.12309	0.0408136	0.465134	-2.14992
cg02570298	OLFM4	0.0798413	0.929191	1.01374	1.01374	0.245824	1.20485	1.20485	0.109853	0.765219	-1.30682	0.0254103	0.665053	-1.50364	0.615755	1.08079	1.08079
cg26581448	FN1;FN1;FN1;FN1;FN1;FN1	0.0798429	0.202148	1.42897	1.42897	0.0173134	0.463777	-2.15621	0.220797	0.710926	-1.40662	0.947407	0.982667	-1.01764	0.147351	1.51001	1.51001
cg21240523	CIZ1;DNM1;DNM1;CIZ1	0.0798435	0.751088	1.05304	1.05304	0.0120672	0.601493	-1.66253	0.210452	0.807094	-1.23901	0.0322931	0.665563	-1.50249	0.0685512	0.718115	-1.39254
cg19751300	ST8SIA5	0.0798443	0.0792993	0.667592	-1.49792	0.0555572	1.56839	1.56839	0.66677	1.09402	1.09402	0.781522	0.943961	-1.05937	0.389424	0.832807	-1.20076
cg22861758	SGTB;NLN	0.0798462	0.0331045	0.658871	-1.51775	0.637735	0.923644	-1.08267	0.901468	1.02096	1.02096	0.156742	1.28873	1.28873	0.0257615	0.641807	-1.5581
cg26892444	FAM159B	0.0798479	0.100483	0.469593	-2.1295	0.0549291	2.49534	2.49534	0.0707478	2.33564	2.33564	0.858403	0.927723	-1.07791	0.0397581	0.368338	-2.7149
cg17604239	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.079849	0.0748713	0.546942	-1.82835	0.220684	0.675965	-1.47937	0.952825	1.01816	1.01816	0.00717158	2.87441	2.87441	0.551839	0.832695	-1.20092
cg04178446	IL28B	0.0798514	0.0297327	0.45596	-2.19318	0.0354295	0.471514	-2.12083	0.0485613	0.500741	-1.99704	0.0745404	0.543432	-1.84016	0.0171201	0.409822	-2.44008
cg11118413	C3orf27	0.0798531	0.0998827	0.371914	-2.68879	0.053251	0.299812	-3.33542	0.0433822	0.279594	-3.57661	0.0474323	0.288225	-3.46951	0.0619028	0.315599	-3.16857
cg01784852	ARHGAP29;ARHGAP29	0.0798556	0.33377	2.04039	2.04039	0.727684	1.28411	1.28411	0.806852	0.83927	-1.19151	0.97216	0.975345	-1.02528	0.858982	0.880543	-1.13566
cg07356412	XKR6	0.0798558	0.0953831	3.06601	3.06601	0.21758	2.21051	2.21051	0.600066	1.38198	1.38198	0.0619693	3.61551	3.61551	0.190406	2.33485	2.33485
cg19131205	FOXP4;FOXP4;FOXP4	0.079856	0.00258636	0.501251	-1.99501	0.425978	1.14391	1.14391	0.298367	0.836704	-1.19517	0.87391	1.02661	1.02661	0.127322	0.761315	-1.31352
cg04749873	NCOA2	0.0798566	0.610429	1.24457	1.24457	0.272084	1.62711	1.62711	0.102097	0.466779	-2.14234	0.127909	2.01551	2.01551	0.0300779	0.337446	-2.96343
cg17058288	RPS3A	0.0798574	0.0447827	0.672445	-1.48711	0.0607927	1.43926	1.43926	0.309698	1.19854	1.19854	0.626948	1.08804	1.08804	0.171273	1.28524	1.28524

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10882179	0.841809	1.05051	1.05051	0.117685	1.5204	1.5204	0.628309	1.12782	1.12782	0.975352	1.00765	1.00765	2.81825	2.7139	0.855977	1
cg04387347	0.915981	0.958696	-1.04308	0.485474	1.32752	1.32752	0.900943	0.951444	-1.05103	0.245084	0.615079	-1.62581	2.81823	7.13144	2.2493	1
cg14518868	0.520427	1.20509	1.20509	0.0724603	1.77526	1.77526	0.00747839	2.68068	2.68068	0.0267288	2.12054	2.12054	2.81823	3.65996	1.15438	1
cg25408950	0.0826415	0.26964	-3.70865	0.0655715	0.244355	-4.09241	0.609367	0.703697	-1.42107	0.057089	0.230415	-4.34	2.81819	20.7524	6.54553	1
cg23060465	0.305173	1.65291	1.65291	0.984544	0.990874	-1.00921	0.0113221	4.48597	4.48597	0.974982	0.985268	-1.01495	2.81811	9.99766	3.15346	1
cg04155289	0.0618428	1.99922	1.99922	0.00905451	2.98241	2.98241	0.0693904	1.95256	1.95256	0.373587	1.35105	1.35105	2.81808	4.84317	1.52765	1
cg03780561	0.311236	3.49112	3.49112	0.0288649	21.6517	21.6517	0.0200301	28.4736	28.4736	0.0468922	15.1004	15.1004	2.85292	57.1946	20.0477	1
cg16509173	0.179138	0.506755	-1.97334	0.0696099	0.380375	-2.62899	0.670015	0.815323	-1.22651	0.120905	0.448829	-2.22802	2.81806	10.1257	3.19389	1
cg07997634	0.502357	0.658824	-1.51786	0.0465133	0.247206	-4.04522	0.0418545	0.237471	-4.21104	0.789219	0.848543	-1.17849	2.81806	16.7695	5.28954	1
cg15001215	0.263332	0.428209	-2.33531	0.00654035	0.0765593	-13.0618	0.201589	0.374991	-2.66673	0.0557106	0.206634	-4.83948	2.81805	23.6114	7.44765	1
cg14003794	0.825548	1.06289	1.06289	0.0602052	0.556763	-1.7961	0.134081	1.56263	1.56263	0.670923	1.12533	1.12533	2.81803	3.4066	1.07454	1
cg05040778	0.198203	0.664433	-1.50504	0.533615	0.827342	-1.20869	0.838471	0.940482	-1.06328	0.145609	0.62517	-1.59956	2.81802	4.03369	1.27235	1
cg24851249	0.0748664	0.363169	-2.75354	0.372581	0.626658	-1.59577	0.206674	0.506639	-1.97379	0.0947056	0.391536	-2.55404	2.81798	11.6331	3.66949	1
cg03308494	0.629939	1.20401	1.20401	0.0113991	3.35725	3.35725	0.0236919	2.80887	2.80887	0.170798	1.74675	1.74675	2.81795	6.52707	2.05889	1
cg27088126	0.659051	1.26522	1.26522	0.902273	1.06725	1.06725	0.61181	0.762511	-1.31146	0.0388538	0.281642	-3.5506	2.81794	12.5268	3.95144	1
cg14168002	0.625354	1.12572	1.12572	0.0282988	1.86476	1.86476	0.034818	1.80761	1.80761	0.287613	0.766665	-1.30435	2.81793	2.58482	0.815354	1
cg25373408	0.736804	0.959352	-1.04237	0.0703763	1.2825	1.2825	0.424782	1.10548	1.10548	0.00297862	1.65089	1.65089	2.8179	0.675431	0.21306	1
cg27376817	0.0340616	0.421358	-2.37328	0.376025	1.37358	1.37358	0.0585211	0.473894	-2.11018	0.894052	1.04766	1.04766	2.81789	5.4482	1.71861	1
cg19682835	0.326566	0.69026	-1.44873	0.034716	2.46197	2.46197	0.870412	1.06157	1.06157	0.507797	0.782001	-1.27877	2.81788	5.97771	1.88564	1
cg20002207	0.173225	0.592885	-1.68667	0.0622436	0.469004	-2.13218	0.354166	0.709032	-1.41037	0.938922	0.972735	-1.02803	2.81788	5.80705	1.83181	1
cg21274136	0.0640077	0.512441	-1.95144	0.2161	0.658294	-1.51908	0.0113468	0.361271	-2.768	0.180579	0.633403	-1.57877	2.81787	4.6038	1.45225	1
cg24038780	0.180489	1.14256	1.14256	0.545564	0.944286	-1.059	0.0182561	1.30801	1.30801	0.945703	1.0064	1.0064	2.81787	0.391956	0.123641	1
cg11384427	0.413174	0.775098	-1.29016	0.0598399	1.90912	1.90912	0.538899	1.20859	1.20859	0.537472	1.20942	1.20942	2.81786	4.13853	1.30549	1
cg04394967	0.464349	0.75075	-1.332	0.0142117	0.31211	-3.204	0.0615925	0.444624	-2.24909	0.0551558	0.433037	-2.30927	2.81785	6.61342	2.0862	1
cg23538195	0.20955	1.68923	1.68923	0.211633	0.59355	-1.68478	0.701983	0.858637	-1.16464	0.0575185	0.426762	-2.34323	2.81778	7.01302	2.21231	1
cg06299996	0.0916779	1.3223	1.3223	0.348478	1.15628	1.15628	0.263842	0.839271	-1.19151	0.0982163	0.761206	-1.3137	2.81777	1.01	0.318614	1
cg11985341	0.746351	0.938129	-1.06595	0.00375099	2.15981	2.15981	0.356097	1.20538	1.20538	0.974471	0.993722	-1.00632	2.81776	1.72827	0.545199	1
cg07363880	0.0998026	1.26686	1.26686	0.113513	0.797835	-1.25339	0.31133	1.14726	1.14726	0.949898	1.00828	1.00828	2.81774	0.767611	0.242151	1
cg09552119	0.833034	0.942391	-1.06113	0.0365011	0.505022	-1.98011	0.403455	1.27163	1.27163	0.0405342	0.514356	-1.94418	2.81773	3.52546	1.11215	1
cg19997236	0.384149	1.06062	1.06062	0.392283	1.0595	1.0595	0.00616622	1.26568	1.26568	0.159118	1.10434	1.10434	2.81773	0.194102	0.0612321	1
cg25141441	0.129416	0.703077	-1.42232	0.195157	1.34262	1.34262	0.866009	0.96434	-1.03698	0.192325	0.743253	-1.34544	2.81771	2.0632	0.65087	1
cg04585227	0.0528279	0.274604	-3.64161	0.988556	0.991613	-1.00846	0.0127223	0.162346	-6.15969	0.175468	0.429114	-2.33038	2.81767	15.3885	4.85458	1
cg09455096	0.335778	1.15633	1.15633	0.071768	0.745134	-1.34204	0.468272	1.11404	1.11404	0.0240387	1.48272	1.48272	2.81767	0.955686	0.30149	1
cg17579446	0.104413	0.360496	-2.77395	0.832239	1.12967	1.12967	0.207162	0.465519	-2.14814	0.0169499	0.187511	-5.33302	2.81766	14.7431	4.65103	1
cg02888748	0.504594	1.1878	1.1878	0.829227	1.05644	1.05644	0.23806	0.730432	-1.36905	0.733063	0.916666	-1.09091	2.81764	2.8829	0.909475	1
cg25320499	0.0130963	4.25947	4.25947	0.111135	2.26435	2.26435	0.0203182	3.73344	3.73344	0.183714	1.94288	1.94288	2.81762	9.89606	3.12196	1
cg27173510	0.141605	0.456248	-2.19179	0.0602587	0.349188	-2.86378	0.414786	1.51268	1.51268	0.484987	0.70306	-1.42235	2.81761	11.0004	3.47036	1
cg00156427	0.518592	0.718637	-1.39152	0.0042416	0.144792	-6.90645	0.436824	0.669997	-1.49254	0.157889	0.466584	-2.14324	2.81759	11.3748	3.5885	1
cg17588038	0.767127	0.903581	-1.10671	0.0640647	0.491398	-2.03501	0.037242	2.28317	2.28317	0.0573329	0.479953	-2.08354	2.81756	5.20157	1.641	1
cg14486095	0.188194	1.9801	1.9801	0.0529694	2.93717	2.93717	0.438359	1.47294	1.47294	0.91563	0.949408	-1.05329	2.81755	10.7106	3.37899	1
cg14928991	0.655993	0.955787	-1.04626	0.351476	0.907813	-1.10155	0.0741771	1.22224	1.22224	0.00917749	1.39611	1.39611	2.81754	0.453962	0.143218	1
cg03443017	0.412659	0.804038	-1.24372	0.0634977	0.580797	-1.72177	0.312884	1.31236	1.31236	0.146043	0.666058	-1.50137	2.81751	3.02592	0.954641	1
cg18452672	0.0505889	0.218959	-4.56707	0.257184	0.446539	-2.23945	0.422561	1.74807	1.74807	0.671989	0.747987	-1.33692	2.8175	20.742	6.54386	1
cg05035456	0.115035	7.09471	7.09471	0.0438809	14.1294	14.1294	0.0333162	17.186	17.186	0.0305674	18.2742	18.2742	2.8175	58.3384	18.4051	1
cg25120705	0.31942	0.614279	-1.62793	0.239392	0.557941	-1.7923	0.907769	0.94659	-1.05642	0.300919	0.601911	-1.66138	2.81747	10.0091	3.15777	1
cg01708693	0.00790534	0.487975	-2.04928	0.139231	0.715217	-1.39818	0.644489	0.906776	-1.10281	0.1031	0.686925	-1.45576	2.81746	1.9793	0.624456	1
cg19148281	0.236879	2.18312	2.18312	0.056491	3.8976	3.8976	0.0158315	6.43762	6.43762	0.0662261	3.66222	3.66222	2.81744	17.7111	5.58778	1
cg27387226	0.146988	0.646092	-1.54777	0.0621486	0.55468	-1.80284	0.323224	1.33158	1.33158	0.289978	1.36102	1.36102	2.81744	3.51482	1.10891	1
cg12002820	0.0249564	0.263405	-3.79644	0.0623946	0.350359	-2.85422	0.587173	0.760243	-1.31537	0.170739	0.482201	-2.07382	2.81744	11.1568	3.51991	1
cg18062140	0.315978	0.602034	-1.66104	0.738535	0.848773	-1.17817	0.0243065	0.268759	-3.7208	0.472368	0.699238	-1.43013	2.81742	10.6896	3.37252	1
cg21472953	0.603513	1.15231	1.15231	0.155157	1.50924	1.50924	0.0134	0.436649	-2.29017	0.101185	0.615301	-1.62522	2.81742	3.26661	1.03061	1
cg14862950	0.227015	1.18069	1.18069	0.0265539	0.708713	-1.41101	0.309724	1.14759	1.14759	0.678584	0.946889	-1.05609	2.81742	0.76528	0.241444	1
cg23136738	0.860795	0.892673	-1.12023	0.0779546	0.281695	-3.54994	0.14216	0.360349	-2.77508	0.205484	0.421485	-2.37256	2.81739	18.6687	5.88999	1
cg02358761	0.385828	0.726914	-1.37568	0.00684386	0.284623	-3.51342	0.0687432	0.481503	-2.07683	0.197357	0.613305	-1.63051	2.81739	5.74302	1.81193	1
cg18470141	0.0206254	0.606768	-1.64808	0.0109317	0.564165	-1.77253	0.0552824	0.67749	-1.47604	0.924832	0.983231	-1.01706	2.81737	1.43299	0.452112	1
cg22812892	0.912284	0.98224	-1.01808	0.0136847	0.609055	-1.64189	0.596927	0.916869	-1.09067	0.772102	0.953871	-1.04836	2.81733	1.18005	0.372315	1
cg24558425	0.775155	0.946834	-1.05615	0.0252198	0.601881	-1.66146	0.122367	0.726597	-1.37628	0.308193	0.817744	-1.22288	2.81724	1.62371	0.512308	1
cg17729007	0.859579	1.04736	1.04736	0.00880843	2.39047	2.39047	0.0185834	2.10788	2.10788	0.550193	1.17111	1.17111	2.81724	3.04626	0.961147	1
cg19741456	0.0222519	2.11158	2.11158	0.811664	1.06728	1.06728	0.0152993	2.25293	2.25293	0.0489296	1.84661	1.84661	2.81723	3.32006	1.04754	1
cg07756434	0.149053	0.442223	-2.26131	0.00885926	0.172601	-5.79372	0.0314333	0.264273	-3.78396	0.258529	0.537055	-1.86201	2.81722	12.4067	3.91457	1
cg15433164	0.341089	1.11544	1.11544	0.023394	1.35206	1.35206	0.301596	1.12658	1.12658	0.444913	1.0906	1.0906	2.81722	0.553333	0.174588	1
cg12910797	0.148537	2.0927	2.0927	0.750084	1.1645	1.1645	0.623751	1.26568	1.26568	0.0424704	3.04474	3.04474	2.8172	10.1327	3.19709	1
cg16418735	0.0969954	1.31213	1.31213	0.0251109	0.672137	-1.48779	0.318029	0.857347	-1.16639	0.0311358	1.45825	1.45825	2.8172	0.992277	0.313086	1
cg25000012	0.780525	0.95112	-1.05139	0.0926484	1.39375	1.39375	0.267439	1.23032	1.23032	0.0750578	1.42712	1.42712	2.81718	1.43621	0.453159	1
cg24167603	0.405282	0.786606	-1.27128	0.00178326	0.285492	-3.50273	0.234457	0.703753	-1.42095	0.458923	0.808492	-1.23687	2.81716	3.54552	1.1187	1
cg00563858	0.637846	0.900331	-1.1107	0.288722	1.2762	1.2762	0.724702	1.08145	1.08145	0.0310232	0.570831	-1.75183	2.81712	2.18788	0.690344	1
cg10500147	0.167385	1.60372	1.60372	0.622989	0.852973	-1.17237	0.0318061	2.24245	2.24245	0.495146	0.800675	-1.24895	2.81711	4.59543	1.45001	1
cg03420907	0.138898	0.528891	-1.89075	0.728452	0.869907	-1.14955	0.558676	1.26679	1.26679	0.909951	1.04628	1.04628	2.81709	7.13388	2.25098	1
cg02282120	0.793269	1.02497	1.02497	0.0119606	0.744934	-1.3424	0.602582	0.951868	-1.05057	0.111394	0.849735	-1.17684	2.81709	0.393407	0.124133	1
cg02358382	0.913379	1.03802	1.03802	0.056905	0.477591	-2.09384	0.0954472	1.87427	1.87427	0.118821	0.559537	-1.78719	2.81707	5.24805	1.65595	1
cg24514678	0.240405	0.513816	-1.94622	0.305571	0.562853	-1.77666	0.00918385	0.166615	-6.00188	0.997391	0.99823	-1.00177	2.81705	13.0947	4.13188	1
cg14953397	0.458599	1.13111	1.13111	0.140175	0.771756	-1.29575	0.176078	1.26469	1.26469	0.0755279	0.723988	-1.38124	2.81705	1.18903	0.375185	1
cg24473832	0.784073	0.923744	-1.08255	0.118816	0.613291	-1.63055	0.277881	0.721906	-1.38522	0.387184	0.774167	-1.29171	2.81703	3.7207	1.17403	1
cg05390356	0.997425	1.00169	1.00169	0.212409	0.50351	-1.98606	0.00789105	5.93207	5.93207	0.245872	1.88522	1.88522	2.81703	12.1767	3.84226	1
cg18560144	0.0804687	0.387212	-2.58256	0.338461	1.62069	1.62069	0.564177	1.33013	1.33013	0.208265	0.522456	-1.91404	2.85184	9.61422	3.37123	1
cg08636040	0.284196	1.18352	1.18352	0.00733159	0.592438	-1.68794	0.151786	0.792507	-1.26182	0.149187	0.791162	-1.26396	2.81699	1.02329	0.322894	1
cg18314140	0.979909	0.99509	-1.00493	0.173347	1.32734	1.32734	0.071735	1.48142	1.48142	0.250639	0.79086	-1.26445	2.81698	1.70455	0.537867	1
cg10396673	0.09079	1.42609	1.42609	0.13513	0.735772	-1.35912	0.711383	0.93165	-1.07336	0.927742	0.982869	-1.01743	2.81694	1.61908	0.510902	1
cg12588263	0.0976125	0.777687	-1.28586	0.0690145	0.754677	-1.32507	0.339488	0.87268	-1.1459	0.13919	1.24629	1.24629	2.81694	0.853732	0.269396	1
cg26163852	0.568982	0.525228	-1.90394	0.457527	2.33102	2.33102	0.00835554	43.3748	43.3748	0.235446	4.01859	4.01859	2.81694	55.8264	17.6161	1
cg15577178	0.908672	0.984752	-1.01548	0.00231667	1.76787	1.76787	0.678032	1.05749	1.05749	0.204606	1.19631	1.19631	2.8169	0.799895	0.252411	1
cg00503587	0.0356888	1.94022	1.94022	0.0341943	0.511698	-1.95428	0.360334	1.29043	1.29043	0.74	0.913661	-1.0945	2.81682	3.27956	1.03491	1
cg24091438	0.0279	4.14626	4.14626	0.00659586	6.89528	6.89528	0.0591187	3.21074	3.21074	0.979309	0.985904	-1.0143	2.81679	13.3675	4.21835	1
cg07964833	0.16388	3.65747	3.65747	0.597762	0.628276	-1.59166	0.0263996	9.95539	9.95539	0.551366	1.6923	1.6923	2.81679	33.9921	10.7268	1
cg14201528	0.0687844	1.2837	1.2837	0.0491687	0.759316	-1.31698	0.302234	0.877175	-1.14002	0.484935	0.916658	-1.09092	2.81676	0.670748	0.211669	1
cg11767984	0.678235	0.857364	-1.16637	0.0532681	0.444883	-2.24778	0.0387787	0.413675	-2.41736	0.289505	0.666615	-1.50012	2.81676	6.07	1.91552	1
cg06952006	0.248377	1.25083	1.25083	0.0101361	1.82498	1.82498	0.370258	0.84311	-1.18609	0.588192	1.10672	1.10672	2.81675	1.53471	0.484311	1
cg15678861	0.444402	0.824715	-1.21254	0.858814	0.956943	-1.04499	0.0242882	0.514956	-1.94192	0.0496154	0.574851	-1.73958	2.81675	2.7256	0.860125	1
cg03339956	0.2643	0.690267	-1.44871	0.275728	0.69682	-1.43509	0.110384	0.574488	-1.74068	0.52858	1.22556	1.22556	2.81673	4.52768	1.42882	1
cg16986494	0.182847	0.744126	-1.34386	0.605934	0.896904	-1.11495	0.956534	1.01146	1.01146	0.227957	1.30291	1.30291	2.81672	1.9502	0.615438	1
cg01680009	0.0435759	2.15386	2.15386	0.97876	0.991236	-1.00884	0.511236	1.24647	1.24647	0.557845	0.822036	-1.21649	2.8515	4.38892	1.53916	1
cg10238302	0.448315	0.600008	-1.66664	0.018221	0.150352	-6.65108	0.599236	0.704313	-1.41982	0.0163575	0.143688	-6.95953	2.81668	19.4937	6.15184	1
cg18633471	0.718307	0.924377	-1.08181	0.710417	0.92223	-1.08433	0.909584	0.975641	-1.02497	0.0249873	0.560466	-1.78423	2.81666	2.10212	0.663392	1
cg01601841	0.679225	1.16289	1.16289	0.767209	1.11375	1.11375	0.942636	0.974222	-1.02646	0.749477	0.890237	-1.1233	2.81663	5.87509	1.8541	1
cg25161889	0.209459	0.559625	-1.78691	0.007121	0.217531	-4.59704	0.475697	0.727404	-1.37475	0.576034	0.780429	-1.28135	2.81661	8.59019	2.71096	1
cg08114533	0.936274	0.952052	-1.05036	0.00199895	0.0685118	-14.596	0.058638	0.269132	-3.71565	0.714206	0.797714	-1.25358	2.8166	16.8429	5.31544	1
cg15997251	0.942187	0.970716	-1.03017	0.775939	0.889642	-1.12405	0.214467	1.70839	1.70839	0.487542	1.33514	1.33514	2.81657	7.49101	2.36411	1
cg18492926	0.479539	0.82672	-1.2096	0.708813	1.10442	1.10442	0.0117094	0.434386	-2.3021	0.522795	0.842429	-1.18704	2.81656	3.1265	0.986706	1
cg15324448	0.350907	1.1359	1.1359	0.0145396	0.670645	-1.4911	0.637992	0.939038	-1.06492	0.699681	0.949856	-1.05279	2.81656	0.785772	0.247985	1
cg07731916	0.230244	0.537039	-1.86206	0.636195	1.26534	1.26534	0.8252	0.896504	-1.11544	0.406802	1.52064	1.52064	2.81651	10.8818	3.43428	1
cg22062539	0.0103243	0.294553	-3.39497	0.674423	0.8523	-1.1733	0.607876	1.21624	1.21624	0.0467028	0.422543	-2.36662	2.81651	6.38253	2.01432	1
cg09979989	0.831093	1.02994	1.02994	0.015901	1.5036	1.5036	0.417268	1.12131	1.12131	0.743966	1.04631	1.04631	2.81651	0.850986	0.268571	1
cg17677842	0.852608	0.898648	-1.11278	0.00307159	0.0974042	-10.2665	0.614305	1.33905	1.33905	0.542756	1.42474	1.42474	2.8165	14.7262	4.6476	1
cg24676486	?	?	?	0.141802	4.67371	4.67371	?	?	?	0.129864	5.01732	5.01732	6.3332	31.9177	3.02385	1
cg19882071	0.900855	0.977369	-1.02315	0.978082	1.00506	1.00506	0.151379	1.32623	1.32623	0.88497	1.02694	1.02694	2.81647	1.50465	0.474873	1
cg16440909	0.210077	2.9438	2.9438	0.00604877	0.0533491	-18.7445	0.995145	1.00499	1.00499	0.1891	0.320707	-3.11811	2.81644	29.8057	9.40689	1
cg21368143	0.978527	0.992112	-1.00795	0.712022	1.11526	1.11526	0.173846	1.53065	1.53065	0.503166	0.818804	-1.22129	2.81643	3.86137	1.21868	1
cg02832162	0.59615	0.86726	-1.15306	0.0695934	1.71672	1.71672	0.13449	0.650703	-1.5368	0.206159	0.701113	-1.4263	2.81642	3.16277	0.998202	1
cg13265437	0.866027	1.04653	1.04653	0.00393881	0.351748	-2.84295	0.620236	1.14402	1.14402	0.22241	0.707937	-1.41255	2.81641	3.23651	1.02148	1
cg09134341	0.35654	0.888084	-1.12602	0.0583063	1.30708	1.30708	0.346098	1.12913	1.12913	0.0731072	1.28424	1.28424	2.8164	0.698765	0.220538	1
cg04134845	0.203083	0.657258	-1.52147	0.253173	0.68882	-1.45176	0.0379044	0.471484	-2.12096	0.955325	0.982653	-1.01765	2.81639	4.35194	1.37353	1
cg21902325	0.353849	1.40865	1.40865	0.0736489	0.488565	-2.04681	0.137768	1.77547	1.77547	0.431183	0.749327	-1.33453	2.81637	5.75475	1.81629	1
cg06499262	0.673314	1.14569	1.14569	0.363625	0.741226	-1.34912	0.0328345	2.22713	2.22713	0.408834	0.762657	-1.31121	2.81633	4.58857	1.44824	1
cg15784615	0.519864	1.17637	1.17637	0.0305008	1.88331	1.88331	0.186168	0.705412	-1.41761	0.177628	0.699976	-1.42862	2.8163	2.76512	0.872733	1
cg16906595	0.00703389	0.480055	-2.08309	0.0600486	0.639685	-1.56327	0.964503	1.00942	1.00942	0.822934	1.04834	1.04834	2.8163	1.97857	0.624483	1
cg10141352	0.598672	0.897246	-1.11452	0.0348541	1.65213	1.65213	0.0992413	0.691474	-1.44619	0.270977	0.791384	-1.26361	2.81624	1.85893	0.586735	1
cg08241225	0.894311	0.949709	-1.05295	0.783048	0.898389	-1.1131	0.255684	0.630876	-1.5851	0.195805	1.70076	1.70076	2.81624	6.72194	2.12165	1
cg08452348	0.252808	1.28553	1.28553	0.122766	1.42138	1.42138	0.730011	0.929739	-1.07557	0.326387	0.808097	-1.23747	2.81623	1.97233	0.622528	1
cg00475260	0.614019	0.84801	-1.17923	0.0898991	0.545521	-1.83311	0.107606	0.565947	-1.76695	0.24664	0.675201	-1.48104	2.81606	4.68711	1.47949	1
cg02570298	0.508463	1.10848	1.10848	0.360107	1.15541	1.15541	0.518391	0.904363	-1.10575	0.0146705	0.630475	-1.58611	2.81604	1.05134	0.331857	1
cg26581448	0.692472	0.899995	-1.11112	0.0392317	1.88204	1.88204	0.978528	1.00716	1.00716	0.244981	1.38038	1.38038	2.81602	3.13344	0.989084	1
cg21240523	0.0282681	0.656641	-1.5229	0.956733	1.00885	1.00885	0.820219	0.963707	-1.03766	0.900072	0.979805	-1.02061	2.81601	1.17631	0.37131	1
cg19751300	0.9726	1.00715	1.00715	0.0222821	0.566544	-1.76509	0.957028	1.01124	1.01124	0.0615068	1.54795	1.54795	2.81599	1.91902	0.605752	1
cg22861758	0.114938	0.750462	-1.33251	0.0752661	0.717709	-1.39332	0.495071	0.890457	-1.12302	0.282169	1.20582	1.20582	2.81597	1.2508	0.394829	1
cg26892444	0.204543	1.75493	1.75493	0.636898	0.818934	-1.2211	0.204049	1.75612	1.75612	0.634722	1.2227	1.2227	2.81594	7.87091	2.48456	1
cg17604239	0.0854989	0.560931	-1.78275	0.870761	1.05077	1.05077	0.927043	1.02825	1.02825	0.93923	0.977076	-1.02346	2.81593	4.12575	1.30235	1
cg04178446	0.372251	0.754871	-1.32473	0.126743	0.60227	-1.66039	0.0896547	0.563058	-1.77601	0.826872	0.934971	-1.06955	2.81589	4.2025	1.3266	1
cg11118413	0.166581	0.445279	-2.24578	0.0133311	0.186039	-5.3752	0.0772365	0.340403	-2.93769	0.131883	0.409788	-2.44029	2.81587	13.4198	4.23626	1
cg01784852	0.740254	1.26869	1.26869	0.635512	1.40713	1.40713	0.00125706	29.0502	29.0502	0.975618	1.0221	1.0221	2.81583	22.8201	7.20375	1
cg07356412	0.0352298	4.48083	4.48083	0.0168718	5.94577	5.94577	0.0133843	6.50939	6.50939	0.214369	2.22414	2.22414	2.81583	16.6767	5.26443	1
cg19131205	0.754911	0.949526	-1.05316	0.907534	0.980966	-1.0194	0.362136	1.16757	1.16757	0.469949	0.885522	-1.12928	2.81582	1.21991	0.385096	1
cg04749873	0.53839	0.767004	-1.30377	0.126106	2.02332	2.02332	0.0687704	2.38063	2.38063	0.596762	0.796634	-1.25528	2.81582	8.08645	2.55271	1
cg17058288	0.577313	1.10185	1.10185	0.126045	0.751886	-1.32999	0.142265	1.31228	1.31228	0.0666107	1.42523	1.42523	2.8158	1.32357	0.417821	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg10602543	H19	0.0798581	0.0160806	0.365781	-2.73388	0.0405802	0.446048	-2.24191	0.46922	0.777716	-1.28582	0.381052	1.35899	1.35899	?	?	?
cg14827502	GIMAP8;GIMAP8	0.0798606	0.0371836	0.232641	-4.29846	0.0411407	4.13862	4.13862	0.434269	0.618193	-1.61762	0.341572	0.553905	-1.80536	0.0145	0.162731	-6.14512
cg05147692	CRP	0.079861	0.0352536	0.147357	-6.78625	0.877559	1.12794	1.12794	0.213424	0.359475	-2.78183	0.0437204	0.163587	-6.11297	0.062389	0.19438	-5.14456
cg08880486	ARSG;SLC16A6	0.0798621	0.122443	1.60954	1.60954	0.651709	0.878793	-1.13792	0.189664	0.673665	-1.48442	0.0756589	0.569923	-1.75462	0.0271819	0.475492	-2.10309
cg12190994	SDK1;SDK1	0.0798624	0.216615	2.15463	2.15463	0.0300374	4.51191	4.51191	0.138479	2.56419	2.56419	0.30552	1.8709	1.8709	0.0629801	3.43814	3.43814
cg08084956	USP7	0.0798634	0.290718	1.30232	1.30232	0.00385948	2.55455	2.55455	0.318217	1.28215	1.28215	0.2629	1.32472	1.32472	0.845064	0.953959	-1.04826
cg01686093	SHANK2;SHANK2	0.0798637	0.171012	0.390844	-2.55857	0.265742	0.47358	-2.11158	0.0412411	0.219246	-4.56109	0.585087	0.700947	-1.42664	0.0141153	0.141952	-7.04462
cg04714638	PDE4C;PDE4C	0.0798639	0.275638	0.762403	-1.31164	0.543389	0.863178	-1.15851	0.303629	0.775026	-1.29028	0.129708	0.675997	-1.4793	0.0210854	0.515022	-1.94166
cg17026763	NPHP4	0.079864	0.49107	1.21083	1.21083	0.0335903	0.507156	-1.97178	0.118028	0.628624	-1.59078	0.49421	1.2091	1.2091	0.983863	0.994484	-1.00555
cg18429196	EIF4H;EIF4H	0.0798643	0.0947555	0.391062	-2.55714	0.248293	0.539517	-1.85351	0.280597	0.563584	-1.77436	0.419162	0.655696	-1.5251	0.121485	0.423841	-2.35937
cg00822998	IQSEC2;IQSEC2;IQSEC2	0.0798653	0.0265876	0.344983	-2.8987	0.00531002	0.225926	-4.42624	0.111213	0.495305	-2.01896	0.837195	0.920062	-1.08688	0.177171	0.559445	-1.78748
cg11153485	IRS2	0.0798661	0.0125953	0.112888	-8.85834	0.35844	0.514802	-1.94249	0.49611	1.62564	1.62564	0.249601	0.429114	-2.33038	0.0801376	0.255371	-3.91587
cg09567212	ZFAND3	0.0798667	0.255675	1.22371	1.22371	0.331031	1.18607	1.18607	0.680942	1.07288	1.07288	0.162564	1.28873	1.28873	0.256219	1.22341	1.22341
cg18865075	LEUTX	0.0798674	0.113361	0.164171	-6.09121	0.0301415	0.0689737	-14.4983	0.109875	0.160793	-6.21917	0.350919	0.365377	-2.7369	0.0225682	0.0570298	-17.5347
cg24064041	TRIM26	0.0798732	0.566345	0.773608	-1.29264	0.731242	1.16495	1.16495	0.294331	0.617761	-1.61875	0.788297	0.887644	-1.12658	0.0308253	0.325317	-3.07393
cg06168050	ZNF207;ZNF207;ZNF207	0.0798737	0.13213	0.74486	-1.34253	0.943488	1.01293	1.01293	0.995036	0.998873	-1.00113	0.383849	1.17568	1.17568	0.407657	0.857683	-1.16593
cg01022939	PRR23C	0.0798744	0.966121	1.00838	1.00838	0.104883	0.702436	-1.42362	0.033331	0.60586	-1.65055	0.0599416	0.653661	-1.52984	0.419101	1.17682	1.17682
cg19267457	ROR1;ROR1	0.0798759	0.157306	0.658266	-1.51914	0.102632	0.610303	-1.63853	0.120942	0.628145	-1.59199	0.663226	0.885902	-1.12879	0.0281372	0.488261	-2.04808
cg17461600	DAB1	0.0798766	0.0529202	0.346309	-2.88759	0.0234993	0.271361	-3.68513	0.0234993	0.271361	-3.68513	0.177748	0.501375	-1.99451	0.0306026	0.293878	-3.40277
cg03470088	IL28RA;IL28RA;IL28RA	0.0798781	0.152005	1.56375	1.56375	0.779406	1.08524	1.08524	0.257063	1.41143	1.41143	0.777765	1.08593	1.08593	0.645511	0.873766	-1.14447
cg02310296	MMP9	0.07988	0.0507336	0.252633	-3.95832	0.0442747	0.23977	-4.17067	0.010273	0.135447	-7.38299	0.53736	0.679759	-1.47111	0.10491	0.334459	-2.9899
cg14368972	KCNV2	0.0798808	0.107403	0.754107	-1.32607	0.00699484	0.571087	-1.75105	0.813574	1.03867	1.03867	0.0814462	0.733313	-1.36367	0.133886	0.771327	-1.29647
cg11419047	CFB	0.0798828	0.0179704	0.356237	-2.80712	0.288668	0.673392	-1.48502	0.323374	0.69338	-1.44221	0.863435	0.940067	-1.06375	0.0201355	0.365569	-2.73546
cg14702927	FOXA3;SYMPK;SYMPK	0.0798858	0.01625	0.444119	-2.25165	0.575442	0.855335	-1.16913	0.571786	1.17092	1.17092	0.92543	1.02619	1.02619	0.0105745	0.411455	-2.4304
cg19242688	GNG8	0.0798889	0.0371606	0.343264	-2.91321	0.026528	3.19691	3.19691	0.506878	0.742597	-1.34662	0.633427	0.808691	-1.23657	0.0566507	0.385389	-2.59478
cg12839172	PROM1;PROM1	0.0798909	0.655392	0.923039	-1.08338	0.965083	1.00784	1.00784	0.473629	1.13875	1.13875	0.870327	0.971293	-1.02956	0.00191321	0.456782	-2.18923
cg09115216	MRGPRE	0.0798918	0.378584	1.13483	1.13483	0.0532815	0.73535	-1.3599	0.0194599	0.673353	-1.48511	0.202767	0.828395	-1.20715	0.0756829	0.758186	-1.31894
cg27237537	DNMT3L;DNMT3L	0.0798927	0.407021	0.79991	-1.25014	0.222833	0.713785	-1.40098	0.310992	1.31773	1.31773	0.0745658	1.68686	1.68686	0.853548	1.04984	1.04984
cg25748868	TREM2	0.0798945	0.722399	0.913177	-1.09508	0.0304873	1.91064	1.91064	0.120729	0.65149	-1.53494	0.595246	0.872386	-1.14628	0.534853	0.852115	-1.17355
cg01961560	LIPE	0.079895	0.0264612	0.578924	-1.72734	0.228513	1.30022	1.30022	0.134021	0.714853	-1.39889	0.983907	1.0042	1.0042	0.0106843	0.513453	-1.9476
cg27312203	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0798956	0.506317	0.896493	-1.11546	0.0510281	0.697589	-1.43351	0.105388	1.332	1.332	0.590463	0.915728	-1.09203	0.124958	0.764046	-1.30882
cg07007723	NOLC1	0.0799039	0.801655	0.956966	-1.04497	0.00841513	0.555371	-1.8006	0.319337	0.835403	-1.19703	0.564046	1.10728	1.10728	0.847747	1.03416	1.03416
cg03943674	KCNG2	0.0799054	0.129563	1.80539	1.80539	0.133147	1.79402	1.79402	0.692841	1.15398	1.15398	0.262854	1.52365	1.52365	0.182401	1.66612	1.66612
cg11000057	PPM1L	0.0799066	0.896118	1.04927	1.04927	0.00441361	0.246841	-4.05119	0.0202637	0.35684	-2.80238	0.961539	1.01791	1.01791	0.780665	0.902339	-1.10823
cg14533605	TSPAN9;TSPAN9	0.0799067	0.0317838	0.267898	-3.73277	0.113199	0.405684	-2.46497	0.9656	0.977682	-1.02283	0.0381023	0.284202	-3.51862	0.0184559	0.224057	-4.46315
cg00765233	SH3BP4	0.0799074	0.0621898	0.409184	-2.44389	0.33627	0.655742	-1.52499	0.300579	0.633466	-1.57862	0.0722746	0.425813	-2.34845	0.0364932	0.355388	-2.81382
cg11400761	WDR46;WDR46	0.0799085	0.789328	1.05538	1.05538	0.0407092	1.60899	1.60899	0.0302533	1.66998	1.66998	0.186289	0.754237	-1.32584	0.065766	1.51531	1.51531
cg18260341	STK17B	0.0799087	0.324202	0.864078	-1.1573	0.244763	1.19076	1.19076	0.446729	0.894687	-1.11771	0.0314697	0.696272	-1.43622	0.885409	1.02091	1.02091
cg08132767	ARL1	0.0799091	0.838572	0.96178	-1.03974	0.177229	1.31519	1.31519	0.219489	0.781392	-1.27977	0.328876	1.2123	1.2123	0.0240176	0.597925	-1.67245
cg24876187	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.0799093	0.0433656	0.380723	-2.62658	0.410101	0.70461	-1.41922	0.619583	0.812207	-1.23121	0.59757	0.801383	-1.24784	0.221085	0.585889	-1.70681
cg13985271	HIATL1	0.0799095	0.918329	0.980622	-1.01976	0.362975	1.19528	1.19528	0.399996	1.17865	1.17865	0.553327	1.12121	1.12121	0.00263174	0.451894	-2.21291
cg10904109	GRM1;GRM1	0.079913	0.329901	2.65345	2.65345	0.0867695	6.27108	6.27108	0.507142	1.92159	1.92159	0.926201	1.09409	1.09409	0.287606	0.342461	-2.92004
cg08024097	WDR90	0.079915	0.208485	0.783399	-1.27649	0.987868	0.997205	-1.0028	0.230985	0.79348	-1.26027	0.673071	0.924843	-1.08126	0.00331484	0.478877	-2.08822
cg00472837	SIRPD	0.0799156	0.0629133	0.201647	-4.95915	0.827147	0.845895	-1.18218	0.141876	0.298614	-3.34881	0.132566	0.288791	-3.46271	0.0127052	0.0934836	-10.6971
cg00709387	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0799158	0.0566601	0.417771	-2.39365	0.428954	0.721314	-1.38636	0.518372	0.767283	-1.3033	0.152831	0.538248	-1.85788	0.00237591	0.180118	-5.55192
cg09870568	ESYT3	0.0799206	0.0302887	13.6784	13.6784	0.832212	1.24348	1.24348	0.0969556	6.49612	6.49612	0.117864	5.72113	5.72113	0.0583431	8.99961	8.99961
cg12034167	KRIT1;KRIT1;KRIT1;KRIT1;ANKIB1;KRIT1;KRIT1;KRIT1	0.0799228	0.49698	0.885289	-1.12957	0.834464	0.963703	-1.03766	0.827722	1.03926	1.03926	0.655764	0.923792	-1.08249	0.243102	1.24086	1.24086
cg14590817	ADARB2	0.0799271	0.0389149	0.725694	-1.37799	0.0524292	0.743938	-1.3442	0.575522	0.926937	-1.07882	0.560165	1.08221	1.08221	0.335817	1.14236	1.14236
cg00235645	CASC5;CASC5	0.0799283	0.195189	0.643377	-1.5543	0.367922	1.34675	1.34675	0.0873857	1.83577	1.83577	0.105709	1.76625	1.76625	?	?	?
cg00344644	EXOC4	0.0799286	0.00887272	0.114074	-8.76624	0.406871	0.575194	-1.73854	0.632186	0.730273	-1.36935	0.224193	0.435061	-2.29853	0.0123395	0.131223	-7.62059
cg09122655	NPFFR1	0.0799294	0.989252	0.996052	-1.00396	0.845082	0.944166	-1.05914	0.00551366	0.342532	-2.91943	0.286686	0.722584	-1.38392	0.0117638	0.396889	-2.51959
cg00419509	SPANXN2;SPANXN2	0.0799341	0.212427	1.39407	1.39407	0.648916	0.890523	-1.12294	0.122919	0.655215	-1.52622	0.129899	0.661099	-1.51263	0.758392	1.08117	1.08117
cg00160853	SUZ12	0.0799348	0.91364	1.01962	1.01962	0.0887828	1.39968	1.39968	0.0627777	1.45501	1.45501	0.38547	0.852683	-1.17277	0.670788	0.926273	-1.07959
cg26058016	CRYBA2;CRYBA2;CRYBA2	0.0799368	0.0344604	20.8993	20.8993	0.0296492	23.4595	23.4595	0.170588	6.04068	6.04068	0.0516382	15.3324	15.3324	0.243446	0.222193	-4.5006
cg02703701	PTDSS2	0.0799372	0.110118	0.761953	-1.31242	0.645584	1.07498	1.07498	0.0211906	0.648822	-1.54126	0.429688	0.88174	-1.13412	0.899293	0.980427	-1.01996
cg11147919	NALCN	0.0799389	0.0357749	0.437365	-2.28642	0.966293	1.01441	1.01441	0.760864	1.10886	1.10886	0.156399	0.598577	-1.67063	0.0821804	0.521082	-1.91908
cg18065981	THAP4	0.0799402	0.0761811	1.51455	1.51455	0.404912	0.835863	-1.19637	0.180959	0.74168	-1.34829	0.05247	1.59032	1.59032	0.0200125	0.554018	-1.805
cg14093720	DLGAP1;DLGAP1	0.0799406	0.622781	1.12908	1.12908	0.0187556	2.00842	2.00842	0.0149876	2.07986	2.07986	0.751675	0.925214	-1.08083	0.997746	1.00069	1.00069
cg03608974	ZAK;ZAK	0.0799417	0.0748938	0.324164	-3.08486	0.0852354	0.339406	-2.94633	0.966041	1.02447	1.02447	0.507534	0.682636	-1.46491	0.0178867	0.19507	-5.12636
cg01140008	GRM4	0.0799462	0.0893856	0.22014	-4.54256	0.512068	1.71142	1.71142	0.813127	1.21089	1.21089	0.103511	0.237212	-4.21564	0.0393986	0.145777	-6.85977
cg00715696	KIAA0182;KIAA0182	0.0799471	0.342094	0.663013	-1.50827	0.0529796	0.397219	-2.5175	0.738337	0.868703	-1.15114	0.301776	0.638169	-1.56698	0.0276208	0.335066	-2.98449
cg24013697	PCGF3	0.0799482	0.0548019	0.437659	-2.28488	0.219556	0.612763	-1.63195	0.0319115	0.385262	-2.59564	0.323889	0.679418	-1.47185	0.0686773	0.461596	-2.16639
cg04403139	ASCC3	0.0799502	0.55456	1.11564	1.11564	0.276192	0.812734	-1.23042	0.0500173	0.664238	-1.50548	0.129572	0.740975	-1.34957	0.214537	0.787256	-1.27023
cg14707162	PLEKHA7	0.0799596	0.435945	0.553932	-1.80527	0.203969	2.70853	2.70853	0.0569539	4.9581	4.9581	0.154974	3.09939	3.09939	0.496571	1.67037	1.67037
cg11180364	C10orf131	0.0799606	0.803899	1.02993	1.02993	0.528725	1.07858	1.07858	0.522817	1.07978	1.07978	0.332927	1.12567	1.12567	0.395873	0.902081	-1.10855
cg06156849	C16orf58	0.0799617	0.971201	1.00498	1.00498	0.631474	0.93565	-1.06878	0.153575	1.23404	1.23404	0.0540456	0.740101	-1.35117	0.670904	0.942871	-1.06059
cg06665622	RCAN2	0.0799624	0.264297	0.603602	-1.65672	0.0239689	0.310804	-3.21746	0.0140962	0.268559	-3.72357	0.517679	1.3292	1.3292	0.503485	1.34256	1.34256
cg17795158	HMX2	0.0799627	0.277835	1.28712	1.28712	0.881213	1.03401	1.03401	0.34838	0.805787	-1.24102	0.90371	0.973294	-1.02744	0.222897	0.750912	-1.33171
cg03239665	B3GNT2	0.0799628	0.0576834	1.59278	1.59278	0.84328	1.04386	1.04386	0.0168831	0.531447	-1.88165	0.0989598	0.675488	-1.48041	0.764577	1.06731	1.06731
cg04242667	ITPKB	0.0799657	0.363632	0.823824	-1.21385	0.198172	1.32618	1.32618	0.0046425	2.185	2.185	0.677096	1.09082	1.09082	0.520614	1.14473	1.14473
cg10375802	C1orf57	0.0799659	0.8498	0.972581	-1.02819	0.285042	0.849727	-1.17685	0.896626	1.01925	1.01925	0.958375	1.00768	1.00768	0.201672	0.820601	-1.21862
cg25406989	FBN1	0.0799659	0.362325	0.651147	-1.53575	0.00417343	0.172225	-5.80636	0.0364799	0.328287	-3.04611	0.866517	1.08013	1.08013	0.835472	0.909107	-1.09998
cg00153942	KRTAP5-8	0.0799666	0.0157566	0.313098	-3.19388	0.112146	0.507178	-1.97169	0.0951325	0.486891	-2.05385	0.144228	0.540288	-1.85087	0.0467173	0.409119	-2.44428
cg09359064	NTNG2	0.0799672	0.703987	1.28016	1.28016	0.00777874	9.1264	9.1264	0.191775	2.44517	2.44517	0.799348	1.17917	1.17917	0.148027	0.366382	-2.72939
cg09730170	CST9	0.0799679	0.992712	1.00226	1.00226	0.0474804	1.75126	1.75126	0.0253145	0.518306	-1.92936	0.364793	0.794409	-1.2588	0.897221	1.03246	1.03246
cg13134916	IFLTD1;IFLTD1;IFLTD1;IFLTD1;IFLTD1	0.0799715	0.174908	0.6609	-1.51309	0.157568	0.648051	-1.54309	0.0252708	0.466003	-2.14591	0.0364067	0.497513	-2.01	0.911029	0.968424	-1.03261
cg21570168	PPP2R5C;PPP2R5C	0.0799738	0.79523	1.03218	1.03218	0.0115403	1.46914	1.46914	0.0858452	1.26007	1.26007	0.679504	0.950669	-1.05189	0.467185	1.09427	1.09427
cg03776464	EPHA4	0.0799748	0.960561	0.989732	-1.01037	0.0374997	1.65503	1.65503	0.0840233	1.49039	1.49039	0.908058	0.976174	-1.02441	0.665872	0.913309	-1.09492
cg13761843	ENG;ENG	0.0799759	0.108269	0.60654	-1.6487	0.429418	0.794388	-1.25883	0.358417	0.763768	-1.3093	0.00391334	0.330161	-3.02883	0.0403111	0.508659	-1.96595
cg18231048	DCP1B	0.0799762	0.613426	0.891837	-1.12128	0.683219	1.09658	1.09658	0.1914	1.36454	1.36454	0.750949	1.07417	1.07417	0.0894963	1.52303	1.52303
cg04584087	IFT122;IFT122;IFT122;MBD4;IFT122;IFT122;IFT122;IFT122;IFT122	0.079977	0.970028	0.992121	-1.00794	0.0546923	1.58222	1.58222	0.0261324	0.573718	-1.74302	0.162386	0.7305	-1.36892	0.204431	0.754322	-1.32569
cg22851295	GCM2	0.0799784	0.0360408	4.92944	4.92944	0.197075	2.44031	2.44031	0.0834477	3.50256	3.50256	0.728181	1.2564	1.2564	0.984545	0.987408	-1.01275
cg01118026	GALNS	0.0799796	0.394253	0.795764	-1.25665	0.0248534	2.01208	2.01208	0.339837	0.772946	-1.29375	0.0861606	0.608723	-1.64278	0.168191	0.680804	-1.46885
cg10235863	FUT6;FUT6	0.0799797	0.766356	1.04824	1.04824	0.910313	0.982343	-1.01797	0.00362907	0.536723	-1.86316	0.49193	1.11667	1.11667	0.658925	1.07275	1.07275
cg17002259	MLLT11;CDC42SE1;MLLT11;CDC42SE1	0.0799846	0.328033	1.12978	1.12978	0.0254892	1.37831	1.37831	0.698769	1.04812	1.04812	0.0592951	1.29348	1.29348	0.0268728	1.3728	1.3728
cg14694011	CYP19A1;CYP19A1	0.0799867	0.922497	0.977509	-1.02301	0.304143	0.779757	-1.28245	0.00430352	0.409678	-2.44094	0.063676	0.614256	-1.62799	0.291916	0.774436	-1.29126
cg11032208	CAST;CAST;CAST;CAST;CAST	0.0799875	0.113528	0.598693	-1.67031	0.133257	1.62014	1.62014	0.408672	0.777434	-1.28628	0.772598	0.9173	-1.09016	0.35409	0.752742	-1.32848
cg14669515	SPSB1	0.0799894	0.0655724	0.223724	-4.4698	0.0331128	0.16447	-6.08014	0.109353	0.282261	-3.54282	0.2504	0.418854	-2.38747	0.0106214	0.0975002	-10.2564
cg15226766	BRD2;BRD2	0.0799909	0.306989	1.35409	1.35409	0.545936	1.19145	1.19145	0.202348	1.47082	1.47082	0.032062	2.05409	2.05409	0.0713985	0.561496	-1.78096
cg03379631	ZFHX3;ZFHX3	0.0799913	0.800339	0.868706	-1.15114	0.205066	2.10142	2.10142	0.409165	0.625731	-1.59813	0.571277	1.37406	1.37406	0.0313256	0.245899	-4.0667
cg06941037	BMPR1A	0.0799913	0.0155855	0.165736	-6.03371	0.718138	0.802781	-1.24567	0.209855	0.448918	-2.22758	0.430115	0.613802	-1.62919	0.0225409	0.190966	-5.23655
cg19502700	LARP7;LARP7;LARP7;C4orf21	0.0799932	0.642123	1.10471	1.10471	0.0441819	1.63546	1.63546	0.249458	1.2919	1.2919	0.193666	1.33997	1.33997	0.550731	0.879457	-1.13707
cg09662896	GNPDA2	0.079994	0.0770691	1.61831	1.61831	0.168979	0.698468	-1.4317	0.233703	0.736586	-1.35761	0.723217	1.09098	1.09098	0.123889	0.664949	-1.50388
cg01806857	COL11A2;COL11A2;COL11A2;COL11A2	0.0799958	0.0252392	0.112203	-8.91243	0.277471	0.395157	-2.53064	0.129312	0.259939	-3.84706	0.518117	0.583563	-1.71361	0.022738	0.106317	-9.40587
cg21219398	RALGAPA1;RALGAPA1	0.0799974	0.567199	0.90211	-1.10851	0.908231	0.97967	-1.02075	0.14023	1.32664	1.32664	0.410796	0.860868	-1.16162	0.12175	1.34824	1.34824
cg00963378	GJA3	0.0799987	0.138916	6.62381	6.62381	0.170527	5.65408	5.65408	0.204245	4.90494	4.90494	0.260549	4.02641	4.02641	0.627223	1.78762	1.78762
cg20489026	KCNJ9	0.0799989	0.116175	6.97496	6.97496	0.214611	4.42046	4.42046	0.1337	6.29734	6.29734	0.0771807	9.34984	9.34984	0.0221993	22.6207	22.6207
cg22212414	IFNGR2	0.0800012	0.0114145	0.122005	-8.1964	0.0908973	0.29011	-3.44697	0.567806	0.681355	-1.46766	0.328788	0.511858	-1.95367	0.223435	0.427448	-2.33946
cg11803184	LINGO4;RORC;RORC	0.0800016	0.841447	0.961077	-1.0405	0.00303642	0.447069	-2.23679	0.391318	0.840218	-1.19017	0.763538	0.941949	-1.06163	0.222073	0.775404	-1.28965
cg19076702	AKAP1	0.0800019	0.255674	0.575786	-1.73676	0.0138387	0.242906	-4.11681	0.308412	0.612362	-1.63302	0.0717888	0.392538	-2.54752	0.00665042	0.194299	-5.14671
cg25122395	DCC	0.0800023	0.233087	0.541837	-1.84557	0.0189348	0.24836	-4.02641	0.37743	0.641544	-1.55874	0.188049	0.504766	-1.98111	0.257292	0.560222	-1.78501
cg15244168	PCNXL3	0.0800031	0.507381	0.817464	-1.2233	0.0788498	0.557205	-1.79467	0.578734	1.18303	1.18303	0.306544	1.37332	1.37332	0.0092233	0.371415	-2.69241
cg13127800	RBM19;RBM19;RBM19	0.0800037	0.0513527	0.82283	-1.21532	0.137571	1.15092	1.15092	0.0730058	1.19216	1.19216	0.0454337	1.22347	1.22347	0.0548509	1.21095	1.21095
cg20991985	EHMT2;EHMT2	0.080004	0.127082	0.746312	-1.33992	0.00662937	1.86807	1.86807	0.933081	0.985218	-1.015	0.702689	1.07037	1.07037	0.0801556	0.70875	-1.41094
cg00245896	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.0800058	0.767635	1.15727	1.15727	0.0121833	4.92703	4.92703	0.933739	0.959854	-1.04183	0.243784	0.546021	-1.83143	0.0153915	0.219988	-4.5457
cg06844012	LOC401097;LOC401097	0.0800061	0.0379075	0.699476	-1.42964	0.0163937	0.646879	-1.54589	0.370936	1.14617	1.14617	0.921318	1.01478	1.01478	0.796052	0.96227	-1.03921
cg23514110	CFD	0.0800064	0.031554	0.301915	-3.31219	0.0402644	0.324477	-3.08188	0.415441	0.673423	-1.48495	0.735223	1.17496	1.17496	0.0637033	0.371514	-2.69169
cg27588515	ATG12	0.0800086	0.966229	0.992216	-1.00785	0.100772	1.39343	1.39343	0.262343	1.24074	1.24074	0.0215059	1.6648	1.6648	0.610894	0.909638	-1.09934
cg06644359	CACNG5;CACNG5	0.0800104	0.022249	1.5039	1.5039	0.0106019	0.619626	-1.61388	0.555155	1.09295	1.09295	0.734129	1.05208	1.05208	0.421415	0.884875	-1.1301
cg18093864	EEF1E1;SCARNA27;EEF1E1	0.0800122	0.393989	1.99127	1.99127	0.152006	0.298016	-3.35552	0.6297	0.681643	-1.46704	0.461948	0.553905	-1.80537	0.00722582	0.0649247	-15.4025
cg19862242	TNFAIP3	0.0800131	0.643445	1.24544	1.24544	0.0109826	4.49348	4.49348	0.270865	1.71566	1.71566	0.375127	1.53516	1.53516	0.0772653	0.396564	-2.52166
cg04221884	PHRF1	0.0800139	0.0796327	1.50762	1.50762	0.226364	1.30744	1.30744	0.0253284	1.75253	1.75253	0.09458	1.47367	1.47367	0.537677	1.14076	1.14076
cg14203613	ITPR1;ITPR1;ITPR1	0.080014	0.0640416	0.250753	-3.98798	0.0747678	0.267363	-3.74023	0.34527	0.524104	-1.90802	0.410286	0.571413	-1.75005	0.053406	0.23263	-4.29868
cg00041014	KTI12;TXNDC12;KTI12	0.0800148	0.0148222	0.272722	-3.66674	0.0604968	0.399558	-2.50277	0.445934	0.714095	-1.40037	0.320552	0.640929	-1.56024	0.0531732	0.385912	-2.59126
cg04484826	HSPA1L	0.0800157	0.574907	0.897659	-1.11401	0.0544516	1.51552	1.51552	0.211375	0.778122	-1.28514	0.336268	0.827863	-1.20793	0.997964	1.00049	1.00049
cg04539155	TMEM120B;RHOF	0.0800174	0.0234426	0.701932	-1.42464	0.054079	0.751396	-1.33086	0.971825	0.995394	-1.00463	0.45094	0.904464	-1.10563	0.044301	0.73933	-1.35258
cg14884039	MORC2	0.0800179	0.079705	2.44188	2.44188	0.534272	0.749056	-1.33501	0.764667	1.14777	1.14777	0.590454	1.28326	1.28326	0.0622773	0.381598	-2.62056
cg14017193	C4orf44;C4orf44	0.0800202	0.172527	0.621663	-1.60859	0.00891349	0.336392	-2.97272	0.0962258	0.54988	-1.81858	0.28718	1.43597	1.43597	0.147566	0.601247	-1.66321
cg13975075	DUSP26	0.0800254	0.169653	1.51474	1.51474	0.0183169	2.2539	2.2539	0.0101941	2.5082	2.5082	0.845649	1.05688	1.05688	0.855538	1.05309	1.05309
cg20067526	C12orf42;C12orf42	0.0800258	0.392382	0.713954	-1.40065	0.107931	0.509413	-1.96304	0.00977553	0.284717	-3.51226	0.222869	0.611078	-1.63645	0.0191719	0.336285	-2.97367
cg13484553	OLFM1	0.0800259	0.427839	1.49125	1.49125	0.00204196	8.55034	8.55034	0.0983339	2.44725	2.44725	0.658442	1.2456	1.2456	0.455643	1.45514	1.45514
cg03869063	WDR82	0.0800259	0.195357	0.634302	-1.57654	0.103488	0.55328	-1.8074	0.581267	0.830969	-1.20341	?	?	?	0.0107146	0.344366	-2.90389
cg18753541	PRDM5	0.0800269	0.0866169	0.652123	-1.53345	0.217344	0.745902	-1.34066	0.776973	0.937867	-1.06625	0.723167	1.08365	1.08365	0.208485	0.741186	-1.34919
cg17722571	TSFM	0.0800271	0.0134147	0.494528	-2.02213	0.876651	1.03637	1.03637	0.65507	1.10894	1.10894	0.879253	1.03558	1.03558	0.0591306	1.6324	1.6324
cg17176395	RAB2A	0.0800277	0.985848	1.00347	1.00347	0.0441336	1.57057	1.57057	0.411889	1.17796	1.17796	0.0709983	0.674521	-1.48253	0.314264	1.22526	1.22526
cg25660188	METT10D	0.0800297	0.963783	0.990918	-1.00917	0.328422	0.816531	-1.22469	0.305162	1.23783	1.23783	0.182626	1.32868	1.32868	0.0125849	0.536066	-1.86544
cg14283647	IRS1	0.0800309	0.326836	1.21872	1.21872	0.00836725	1.93161	1.93161	0.0382734	1.59869	1.59869	0.279124	1.24593	1.24593	0.117735	1.3937	1.3937
cg02564733	ADAMTS15	0.080031	0.846609	0.982205	-1.01812	0.0107901	1.3457	1.3457	0.142084	1.15757	1.15757	0.890079	0.987262	-1.0129	0.1628	1.14812	1.14812
cg00917335	YPEL3;YPEL3;YPEL3	0.0800333	0.96162	0.978732	-1.02173	0.226073	0.566729	-1.76451	0.765631	1.14288	1.14288	0.716477	1.17696	1.17696	0.747189	0.865466	-1.15545
cg21011827	TMEM233	0.0800336	0.235483	0.591465	-1.69072	0.0374933	2.81886	2.81886	0.634339	1.22282	1.22282	0.136976	0.506846	-1.97299	0.935553	0.966654	-1.0345
cg13971849	PLEKHA2	0.0800372	0.281298	0.753291	-1.32751	0.0890217	1.60723	1.60723	0.0416091	0.55193	-1.81182	0.0425943	0.553964	-1.80517	0.77067	0.928718	-1.07675
cg12433486	PKM2;PKM2;PKM2	0.0800374	0.0618693	0.255639	-3.91176	0.53132	1.50881	1.50881	0.389363	1.77216	1.77216	0.285933	0.487301	-2.05212	0.0433533	0.221512	-4.51443
cg09511741	TRPM4	0.0800401	0.0306583	0.260304	-3.84166	0.719914	0.826256	-1.21028	0.166263	0.457301	-2.18674	0.953702	0.969694	-1.03125	0.072275	0.345341	-2.89569
cg24507210	AMOT	0.0800414	0.127776	0.354454	-2.82124	0.410047	0.588209	-1.70008	0.0609558	3.78229	3.78229	0.00993764	7.77644	7.77644	0.270169	0.485185	-2.06107
cg20490386	CTDP1;CTDP1	0.0800432	0.60907	1.10151	1.10151	0.015616	0.573692	-1.7431	0.981616	0.99569	-1.00433	0.830247	0.960557	-1.04106	0.194744	1.29317	1.29317

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10602543	0.141465	0.582854	-1.7157	0.906908	0.960848	-1.04075	0.258689	0.668752	-1.49532	0.0322961	0.424927	-2.35335	2.85058	4.67762	1.64094	1
cg14827502	0.605466	0.73043	-1.36906	0.256253	0.489497	-2.04291	0.363773	0.569707	-1.75529	0.91955	0.940916	-1.06279	2.81576	16.2059	5.11593	1
cg05147692	0.0442488	0.164542	-6.07746	0.152961	0.302648	-3.30417	0.0495306	0.173789	-5.7541	0.0286454	0.133189	-7.50813	2.81575	27.1937	8.58462	1
cg08880486	0.0153275	0.428988	-2.33107	0.170499	0.660315	-1.51443	0.492472	0.820191	-1.21923	0.462572	0.808454	-1.23693	2.81574	3.60559	1.13824	1
cg12190994	0.0800072	3.14819	3.14819	0.0122742	6.30618	6.30618	0.0253079	4.80668	4.80668	0.160878	2.42112	2.42112	2.81573	15.5448	4.90729	1
cg08084956	0.0636642	1.6525	1.6525	0.0677107	1.6373	1.6373	0.133167	1.47742	1.47742	0.781845	0.935311	-1.06916	2.81572	2.58822	0.817072	1
cg01686093	0.117895	0.334761	-2.98721	0.008201	0.113047	-8.84586	0.586733	0.70206	-1.42438	0.245218	0.456861	-2.18885	2.81571	18.5233	5.84759	1
cg04714638	0.556093	1.15306	1.15306	0.00987703	0.45847	-2.18117	0.0415765	0.570047	-1.75424	0.960274	1.01199	1.01199	2.81571	2.55161	0.805515	1
cg17026763	0.750998	1.09098	1.09098	0.00927282	2.46704	2.46704	0.501092	1.20535	1.20535	0.846188	0.948268	-1.05455	2.81571	3.33604	1.05315	1
cg18429196	0.0576606	0.333701	-2.9967	0.00393573	0.137583	-7.26836	0.494529	1.42572	1.42572	0.275751	0.560059	-1.78553	2.8157	11.658	3.68032	1
cg00822998	0.876749	0.939088	-1.06486	0.234928	0.604045	-1.65551	0.493989	0.754836	-1.32479	0.0573255	0.418679	-2.38846	2.81569	7.31187	2.3083	1
cg11153485	0.146924	0.334703	-2.98773	0.0178392	0.13202	-7.5746	0.167338	0.355255	-2.81488	0.0800031	0.255182	-3.91877	2.81568	22.0458	6.95971	1
cg09567212	0.286674	1.20712	1.20712	0.0089686	0.568102	-1.76025	0.115168	1.33834	1.33834	0.166104	1.28564	1.28564	2.81567	1.29088	0.407522	1
cg18865075	0.216951	0.256052	-3.90546	0.00859904	0.0297668	-33.5945	0.200744	0.242399	-4.12543	0.161625	0.20858	-4.79433	2.81566	49.0429	15.4826	1
cg24064041	0.00527342	0.196148	-5.0982	0.576511	0.778913	-1.28384	0.246952	1.70934	1.70934	0.175071	0.527998	-1.89395	2.81557	8.74459	2.7607	1
cg06168050	0.974014	0.994113	-1.00592	0.00263201	0.470189	-2.1268	0.96409	0.991873	-1.00819	0.301308	1.21424	1.21424	2.81557	1.46503	0.462517	1
cg01022939	0.756943	0.940773	-1.06296	0.0315333	1.66256	1.66256	0.359123	1.20458	1.20458	0.945493	1.01353	1.01353	3.01463	1.80592	0.465928	1
cg19267457	0.0407686	0.520468	-1.92135	0.0762044	0.579559	-1.72545	0.0522252	0.543076	-1.84136	0.222441	1.42548	1.42548	2.81554	3.40898	1.07624	1
cg17461600	0.220217	0.537215	-1.86145	0.0500052	0.340486	-2.93698	0.0730951	0.381531	-2.62102	0.333154	0.618026	-1.61805	2.81552	10.3619	3.27134	1
cg03470088	0.122112	1.6293	1.6293	0.0530747	1.89715	1.89715	0.00333414	3.20266	3.20266	0.219941	1.45611	1.45611	2.8155	3.78467	1.19487	1
cg02310296	0.486563	0.646008	-1.54797	0.0313735	0.210028	-4.76128	0.0638269	0.27592	-3.62423	0.459195	0.62763	-1.5933	2.81548	17.0337	5.37781	1
cg14368972	0.043714	0.689099	-1.45117	0.442965	0.881938	-1.13387	0.1267	0.766956	-1.30386	0.0692751	0.721506	-1.38599	2.81546	1.15023	0.363147	1
cg11419047	0.0431008	0.433666	-2.30592	0.0274333	0.391992	-2.55107	0.879603	0.947039	-1.05592	0.119178	0.544931	-1.83509	2.81544	5.74674	1.81436	1
cg14702927	0.0670933	0.567362	-1.76254	0.0821971	0.587572	-1.70192	0.776159	0.924296	-1.0819	0.708616	0.90152	-1.10924	2.81539	3.40057	1.07364	1
cg19242688	0.819055	1.10657	1.10657	0.334778	1.55211	1.55211	0.109621	0.462616	-2.16162	0.796665	0.892156	-1.12088	2.81535	8.70894	2.74967	1
cg12839172	0.436238	0.867961	-1.15213	0.0882289	0.715065	-1.39847	0.408676	0.860139	-1.1626	0.650069	0.921801	-1.08483	2.81532	1.41726	0.447477	1
cg09115216	0.367616	1.13835	1.13835	0.359976	1.14085	1.14085	0.844309	0.972846	-1.02791	0.0872094	0.767663	-1.30266	2.8153	0.874074	0.275975	1
cg27237537	0.631817	0.880668	-1.1355	0.0897899	0.611248	-1.636	0.338614	0.771336	-1.29645	0.0136188	2.23306	2.23306	2.81529	3.08918	0.975364	1
cg25748868	0.438362	1.22296	1.22296	0.00914712	2.32319	2.32319	0.782126	1.07314	1.07314	0.630955	0.88405	-1.13116	2.81527	2.89075	0.912724	1
cg01961560	0.230147	0.769877	-1.29891	0.396006	1.19789	1.19789	0.893291	1.02827	1.02827	0.529326	0.876012	-1.14154	2.81526	1.92394	0.607466	1
cg27312203	0.0741438	1.38052	1.38052	0.105904	1.33133	1.33133	0.129061	0.766611	-1.30444	0.629592	0.924272	-1.08193	2.81525	1.17075	0.369652	1
cg07007723	0.050963	0.678062	-1.47479	0.0758289	0.708003	-1.41242	0.970354	0.993527	-1.00652	0.165505	1.29496	1.29496	2.81513	1.36159	0.429927	1
cg03943674	0.143151	1.76407	1.76407	0.00679893	3.54353	3.54353	0.0117982	3.10933	3.10933	0.722662	1.13718	1.13718	2.81511	5.80198	1.83201	1
cg11000057	0.114023	0.531034	-1.88312	0.256538	0.646627	-1.54649	0.701868	0.867971	-1.15211	0.23466	0.632164	-1.58187	2.81509	6.04262	1.90801	1
cg14533605	0.37503	0.620952	-1.61043	0.197318	0.490042	-2.04064	0.0332283	0.27181	-3.67904	0.0699077	0.346222	-2.88832	2.81509	12.2117	3.85596	1
cg00765233	0.931608	1.03721	1.03721	0.00865376	0.240621	-4.15591	0.0441018	0.373644	-2.67635	0.216404	0.574848	-1.73959	2.81508	8.07647	2.55022	1
cg11400761	0.139522	1.37723	1.37723	0.0316438	1.66058	1.66058	0.25912	1.26743	1.26743	0.70744	1.07885	1.07885	2.81506	1.80656	0.570443	1
cg18260341	0.529896	1.09561	1.09561	0.811703	0.966335	-1.03484	0.167878	1.23479	1.23479	0.0129471	1.55678	1.55678	2.81506	0.917946	0.289853	1
cg08132767	0.386001	1.18504	1.18504	0.0246451	0.599777	-1.66729	0.726043	1.06952	1.06952	0.237874	1.26643	1.26643	2.81505	1.62718	0.513801	1
cg24876187	0.989703	1.00538	1.00538	0.00360666	0.194433	-5.14316	0.0397572	0.372278	-2.68617	0.308682	0.64539	-1.54945	2.81505	7.70157	2.43187	1
cg13985271	0.846141	0.963615	-1.03776	0.316417	1.21848	1.21848	0.364267	1.19467	1.19467	0.725305	1.06962	1.06962	2.81505	1.62283	0.512429	1
cg10904109	0.466249	0.486934	-2.05366	0.607881	0.605134	-1.65253	0.0091298	24.8861	24.8861	0.0336047	11.1227	11.1227	2.815	41.9977	13.2616	1
cg08024097	0.643924	0.917878	-1.08947	0.134585	1.34582	1.34582	0.158038	0.757399	-1.32031	0.762005	0.945615	-1.05751	2.81497	1.51108	0.477157	1
cg00472837	0.130789	0.286883	-3.48574	0.0193534	0.114825	-8.70889	0.0454403	0.17275	-5.7887	0.185391	0.341384	-2.92926	2.81496	26.1107	8.24505	1
cg00709387	0.859576	0.930864	-1.07427	0.130945	0.516952	-1.93442	0.620854	0.817322	-1.22351	0.183631	0.565117	-1.76954	2.81496	7.29714	2.30424	1
cg09870568	0.249002	3.44725	3.44725	0.0247375	15.5793	15.5793	0.0217386	16.9353	16.9353	0.0690456	8.08125	8.08125	2.81489	47.0302	14.8513	1
cg12034167	0.0493153	0.672743	-1.48645	0.00340866	0.49503	-2.02008	0.605039	0.911947	-1.09655	0.678132	1.07652	1.07652	2.81485	1.39155	0.439431	1
cg14590817	0.112398	1.26086	1.26086	0.0294469	0.708987	-1.41046	0.320709	0.871448	-1.14752	0.382604	0.886847	-1.12759	2.81479	0.801814	0.253207	1
cg00235645	0.838834	0.936551	-1.06775	0.281419	0.697434	-1.43383	0.0700991	1.91903	1.91903	0.0259464	2.34185	2.34185	2.84953	4.1565	1.45866	1
cg00344644	0.836094	0.873684	-1.14458	0.280449	0.481291	-2.07774	0.0655328	0.259949	-3.84691	0.0700395	0.267064	-3.74442	2.81477	18.9405	5.98129	1
cg09122655	0.226831	0.688905	-1.45158	0.676365	0.884008	-1.13121	0.890529	1.04127	1.04127	0.803382	1.07601	1.07601	2.81476	3.84502	1.21424	1
cg00419509	0.136348	1.50077	1.50077	0.690163	1.10668	1.10668	0.0859575	1.61607	1.61607	0.0214396	0.497055	-2.01185	2.81469	2.85255	0.900846	1
cg00160853	0.970889	0.993485	-1.00656	0.00952098	0.555287	-1.80087	0.823547	0.960787	-1.04081	0.187607	0.778696	-1.2842	2.81468	1.43021	0.451667	1
cg26058016	0.785194	1.40034	1.40034	0.379695	0.329346	-3.03632	0.301208	0.267084	-3.74414	0.916859	0.879242	-1.13734	2.81465	67.7123	21.3841	1
cg02703701	0.420663	0.879465	-1.13706	0.0157627	1.58709	1.58709	0.597498	0.920177	-1.08675	0.28501	0.84082	-1.18932	2.81465	1.08657	0.343149	1
cg11147919	0.157001	0.599083	-1.66922	0.00725181	0.309567	-3.23032	0.0664265	0.49817	-2.00735	0.701594	0.877811	-1.1392	2.81462	5.1079	1.61313	1
cg18065981	0.251136	1.28694	1.28694	0.607461	1.11518	1.11518	0.729783	0.929645	-1.07568	0.647106	0.907579	-1.10183	2.8146	1.97317	0.623152	1
cg14093720	0.885408	1.03594	1.03594	0.0249625	1.92174	1.92174	0.228614	1.36259	1.36259	0.573847	0.870107	-1.14928	2.8146	2.67256	0.844032	1
cg03608974	0.223371	0.483595	-2.06784	0.0075727	0.142163	-7.03418	0.207319	0.469951	-2.12788	0.148931	0.415196	-2.4085	2.81458	14.3753	4.53994	1
cg01140008	0.365628	0.471838	-2.11937	0.0153819	0.0904185	-11.0597	0.0474474	0.160033	-6.24869	0.0994799	0.232452	-4.30197	2.81452	29.1067	9.19256	1
cg00715696	0.253922	0.606419	-1.64903	0.00833322	0.242774	-4.11906	0.0322565	0.348975	-2.86553	0.150795	0.523895	-1.90878	2.8145	7.8569	2.4814	1
cg24013697	0.103281	0.508637	-1.96604	0.0942783	0.497658	-2.00941	0.840304	0.926315	-1.07955	0.00791955	0.274733	-3.6399	2.81449	6.41536	2.02614	1
cg04403139	0.791763	0.952715	-1.04963	0.808473	1.04546	1.04546	0.40918	0.856823	-1.1671	0.00347651	0.483829	-2.06685	2.81446	1.49377	0.471776	1
cg14707162	0.532535	1.59974	1.59974	0.00401258	17.6946	17.6946	0.449323	0.563842	-1.77355	0.576079	1.52169	1.52169	2.81432	24.6203	7.77621	1
cg11180364	0.591633	0.937832	-1.06629	0.64578	0.946625	-1.05638	0.0265004	1.36581	1.36581	0.00470953	1.56067	1.56067	2.81431	0.626116	0.197757	1
cg06156849	0.849636	0.974216	-1.02647	0.180989	0.822442	-1.21589	0.650953	1.06469	1.06469	0.00782938	1.59961	1.59961	2.81429	0.844324	0.266678	1
cg06665622	0.63371	1.23157	1.23157	0.589272	0.789388	-1.2668	0.0585957	0.395735	-2.52694	0.514426	1.33223	1.33223	2.81428	8.39098	2.65029	1
cg17795158	0.61711	0.893384	-1.11934	0.217952	0.748362	-1.33625	0.00466211	2.31994	2.31994	0.21478	1.33922	1.33922	2.81428	2.22976	0.704269	1
cg03239665	0.300643	0.792465	-1.26189	0.304573	1.25934	1.25934	0.951464	1.01329	1.01329	0.0909805	0.667779	-1.4975	2.81427	2.09649	0.662176	1
cg04242667	0.542437	0.879861	-1.13654	0.249937	0.779128	-1.28349	0.173429	0.740328	-1.35075	0.711379	0.925754	-1.0802	2.81423	1.92052	0.606606	1
cg10375802	0.07177	0.744679	-1.34286	0.00692027	0.598961	-1.66956	0.982957	0.996872	-1.00314	0.0718485	1.34273	1.34273	2.81423	0.958506	0.302749	1
cg25406989	0.564629	0.765824	-1.30578	0.235172	0.565461	-1.76847	0.105156	0.444285	-2.25081	0.485108	1.3841	1.3841	2.81423	9.35787	2.95573	1
cg00153942	0.263357	0.632781	-1.58033	0.0369164	0.38629	-2.58873	0.0196356	0.330757	-3.02337	0.258121	0.629318	-1.58902	2.81422	6.86547	2.1685	1
cg09359064	0.297357	2.01182	2.01182	0.0708413	0.270907	-3.6913	0.677983	0.763251	-1.31018	0.572713	1.44598	1.44598	2.81421	18.6595	5.89375	1
cg09730170	0.415544	0.814095	-1.22836	0.166279	1.44025	1.44025	0.0763526	0.614281	-1.62792	0.142132	0.677033	-1.47703	2.8142	2.72258	0.859951	1
cg13134916	0.466373	1.23709	1.23709	0.154678	0.645812	-1.54844	0.728251	0.904726	-1.10531	0.0127677	0.411474	-2.43029	2.81415	3.67222	1.15992	1
cg21570168	0.215861	1.17188	1.17188	0.0368836	0.744393	-1.34338	0.568458	1.07272	1.07272	0.592683	0.93636	-1.06797	2.81412	0.660901	0.208757	1
cg03776464	0.46509	1.16786	1.16786	0.0097965	0.505798	-1.97708	0.488488	0.863389	-1.15823	0.835195	1.04444	1.04444	2.8141	1.94174	0.613337	1
cg13761843	0.0617998	0.548679	-1.82256	0.195239	0.676426	-1.47836	0.50808	0.825636	-1.21119	0.118971	0.616997	-1.62075	2.81409	3.62933	1.1464	1
cg18231048	0.623886	1.11746	1.11746	0.007475	0.461225	-2.16814	0.163408	0.715874	-1.39689	0.300817	1.27241	1.27241	2.81408	2.25049	0.710868	1
cg04584087	0.649012	1.10128	1.10128	0.723566	0.92796	-1.07763	0.153886	1.37906	1.37906	0.0809065	0.665328	-1.50302	2.81407	1.97546	0.623994	1
cg22851295	0.387607	0.56028	-1.78482	0.0119034	7.79488	7.79488	0.0366344	4.89678	4.89678	0.693029	1.29635	1.29635	2.81405	19.0739	6.02498	1
cg01118026	0.731866	1.09423	1.09423	0.234776	0.721771	-1.38548	0.136906	1.52117	1.52117	0.0972777	0.621003	-1.6103	2.81403	3.05477	0.964933	1
cg10235863	0.075997	0.731849	-1.3664	0.762979	0.953308	-1.04898	0.095788	0.748833	-1.33541	0.768361	1.0478	1.0478	2.81403	1.114	0.351889	1
cg17002259	0.424547	1.10359	1.10359	0.0716496	0.784196	-1.27519	0.253946	1.15487	1.15487	0.335821	1.12744	1.12744	2.81396	0.651021	0.205648	1
cg14694011	0.339847	0.794574	-1.25854	0.238858	1.33423	1.33423	0.210327	0.734497	-1.36148	0.654875	1.1109	1.1109	2.81393	2.43521	0.769256	1
cg11032208	0.131731	1.62372	1.62372	0.404807	1.28909	1.28909	0.61819	1.16148	1.16148	0.00816756	2.74142	2.74142	2.81392	3.95536	1.24946	1
cg14669515	0.14647	0.323245	-3.09363	0.0230743	0.139627	-7.16193	0.498614	0.607912	-1.64498	0.163654	0.3406	-2.936	2.81389	23.3962	7.39071	1
cg15226766	0.129451	0.625266	-1.59932	0.111865	0.608796	-1.64259	0.168564	1.52277	1.52277	0.866355	0.952868	-1.04946	2.81387	3.66148	1.15665	1
cg03379631	0.111531	0.381876	-2.61865	0.0174339	0.200382	-4.99047	0.369748	0.599537	-1.66795	0.051785	0.29251	-3.41869	2.81386	13.747	4.34263	1
cg06941037	0.118138	0.357631	-2.79618	0.0191001	0.179242	-5.57905	0.622055	1.35137	1.35137	0.2412	0.475433	-2.10334	2.81386	16.3682	5.17065	1
cg19502700	0.433823	0.843719	-1.18523	0.630029	0.901881	-1.10879	0.0299247	1.72206	1.72206	0.0135892	1.91503	1.91503	2.81383	2.01771	0.637395	1
cg09662896	0.816269	1.05865	1.05865	0.0698061	0.608654	-1.64297	0.0128161	0.469089	-2.13179	0.523747	0.853657	-1.17143	2.81382	2.67225	0.844166	1
cg01806857	0.0812963	0.204212	-4.89688	0.0287071	0.119889	-8.34107	0.512561	0.579275	-1.72629	0.0253424	0.112439	-8.8937	2.8138	30.1164	9.51388	1
cg21219398	0.0184322	0.60094	-1.66406	0.0407184	1.52323	1.52323	0.311364	1.2051	1.2051	0.568455	0.902418	-1.10813	2.81377	1.41393	0.446669	1
cg00963378	0.0594929	0.0800786	-12.4877	0.0452217	15.286	15.286	0.060491	12.3354	12.3354	0.0439833	15.6021	15.6021	2.81375	62.7836	19.8339	1
cg20489026	0.0848204	8.74225	8.74225	0.489334	0.449784	-2.22329	0.0345289	16.5173	16.5173	0.0379504	15.4488	15.4488	2.81375	57.6742	18.2198	1
cg22212414	0.156988	2.73391	2.73391	0.0774914	0.271465	-3.68372	0.059647	0.24359	-4.10526	0.163485	0.372267	-2.68624	2.81372	19.6741	6.2153	1
cg11803184	0.616328	1.10532	1.10532	0.458728	0.861097	-1.16131	0.0283029	0.598566	-1.67066	0.93425	0.983778	-1.01649	2.81371	1.75088	0.553127	1
cg19076702	0.103405	0.436652	-2.29015	0.143196	0.480993	-2.07903	0.532797	0.745353	-1.34165	0.30635	0.61099	-1.63669	2.81371	9.64406	3.04669	1
cg25122395	0.378052	0.641935	-1.55779	0.00611062	0.173095	-5.77718	0.0327392	0.293926	-3.40222	0.697295	0.825656	-1.21116	2.8137	10.7042	3.38161	1
cg15244168	0.0910996	0.572525	-1.74665	0.0840526	0.563923	-1.77329	0.486958	1.23572	1.23572	0.304426	0.727079	-1.37537	2.81369	4.00182	1.26424	1
cg13127800	0.818266	0.979972	-1.02044	0.812415	0.97932	-1.02112	0.143014	1.1484	1.1484	0.971562	0.996871	-1.00314	2.81368	0.344309	0.108773	1
cg20991985	0.409263	0.861	-1.16144	0.295382	1.21219	1.21219	0.612165	1.0949	1.0949	0.648364	0.921806	-1.08483	2.81368	1.40135	0.442711	1
cg00245896	0.968211	0.980555	-1.01983	0.849225	1.09833	1.09833	0.634338	1.26663	1.26663	0.408974	0.658661	-1.51823	3.01245	11.3397	2.92777	1
cg06844012	0.361651	1.1494	1.1494	0.0747201	0.744697	-1.34283	0.186411	1.23121	1.23121	0.713961	1.05619	1.05619	2.81365	0.982562	0.310411	1
cg23514110	0.487192	0.715119	-1.39837	?	?	?	0.073279	0.387233	-2.58242	0.0226878	0.273698	-3.65366	2.84837	9.04748	3.17637	1
cg27588515	0.4977	1.13549	1.13549	0.312278	0.824542	-1.21279	0.0299597	1.60212	1.60212	0.0327154	1.58597	1.58597	2.81361	1.51807	0.479596	1
cg06644359	0.862108	1.02623	1.02623	0.44361	1.12335	1.12335	0.210616	0.821648	-1.21707	0.747712	0.953075	-1.04923	2.81358	0.988239	0.312212	1
cg18093864	0.0657225	0.196102	-5.0994	0.0260436	0.124483	-8.03324	0.692432	0.730789	-1.36838	0.197982	0.34186	-2.92518	2.81356	27.7305	8.76091	1
cg19862242	0.741923	1.16837	1.16837	0.756408	0.863709	-1.1578	0.0270482	3.42993	3.42993	0.339786	1.58926	1.58926	2.81355	9.88017	3.12146	1
cg04221884	0.200339	1.33038	1.33038	0.0486115	1.60858	1.60858	0.00934566	2.00501	2.00501	0.0780691	1.51157	1.51157	2.81353	1.98441	0.626942	1
cg14203613	0.0531502	0.232169	-4.30721	0.0800168	0.275005	-3.6363	0.00630484	0.0939957	-10.6388	0.271226	0.467062	-2.14104	2.81353	19.684	6.21884	1
cg00041014	0.0974269	0.454624	-2.19962	0.0136185	0.266377	-3.75407	0.18724	0.545629	-1.83275	0.0963057	0.453189	-2.20658	2.81352	8.37042	2.64451	1
cg04484826	0.587743	0.900966	-1.10992	0.00522194	2.01801	2.01801	0.95809	0.990037	-1.01006	0.903091	0.977059	-1.02348	2.81351	1.61762	0.511064	1
cg04539155	0.147021	1.22562	1.22562	0.690612	1.05369	1.05369	0.0839616	0.778812	-1.28401	0.179975	0.830142	-1.20461	2.81348	0.761526	0.240596	1
cg14884039	0.00971967	4.48817	4.48817	0.821364	1.1094	1.1094	0.0989221	2.29449	2.29449	0.514712	1.3543	1.3543	2.81348	9.38992	2.96665	1
cg14017193	0.367758	0.738661	-1.3538	0.0303105	0.434433	-2.30185	0.141935	0.596313	-1.67697	0.36833	0.738942	-1.35329	2.81344	4.77669	1.50916	1
cg13975075	0.40393	1.27433	1.27433	0.906133	1.03405	1.03405	0.314561	0.744378	-1.3434	0.286602	0.730446	-1.36903	2.81337	3.59003	1.13428	1
cg20067526	0.529089	0.782555	-1.27787	0.103741	0.504527	-1.98205	0.293588	1.52034	1.52034	0.610353	0.820686	-1.21849	2.81336	6.58839	2.08162	1
cg13484553	0.140229	2.18876	2.18876	0.77429	1.1525	1.1525	0.0934352	2.48644	2.48644	0.720054	1.19441	1.19441	2.81336	10.8583	3.43072	1
cg03869063	0.198979	0.636895	-1.57012	0.0157773	0.37411	-2.67301	0.92002	1.03395	1.03395	0.838974	1.06997	1.06997	2.84808	4.43001	1.55544	1
cg18753541	0.211487	0.742799	-1.34626	0.0037427	0.413054	-2.42099	0.512022	1.16208	1.16208	0.105141	0.670353	-1.49175	2.81335	2.27331	0.718263	1
cg17722571	0.0587869	0.612084	-1.63376	0.526779	0.862874	-1.15892	0.616485	1.12314	1.12314	0.175419	1.39288	1.39288	2.81334	2.35659	0.744575	1
cg17176395	0.675734	1.08559	1.08559	0.0169078	0.566193	-1.76618	0.241918	0.787335	-1.27011	0.607762	0.903875	-1.10635	2.81333	1.69798	0.536487	1
cg25660188	0.9328	0.983197	-1.01709	0.035066	1.63788	1.63788	0.323153	0.814602	-1.22759	0.438999	0.853335	-1.17187	2.81331	1.79899	0.568407	1
cg14283647	0.0787314	1.46452	1.46452	0.0408437	1.58612	1.58612	0.540104	1.12885	1.12885	0.607872	0.903814	-1.10642	2.81329	1.70131	0.537546	1
cg02564733	0.940865	0.993145	-1.0069	0.745657	1.03063	1.03063	0.0103474	1.3491	1.3491	0.134624	1.16131	1.16131	2.81329	0.382961	0.121001	1
cg00917335	0.038457	0.342556	-2.91923	?	?	?	0.0472365	2.75731	2.75731	0.0298172	3.13344	3.13344	2.84797	8.00168	2.80961	1
cg21011827	0.0229211	0.30904	-3.23582	0.998863	0.999403	-1.0006	0.156278	1.90149	1.90149	0.217677	1.72994	1.72994	3.01199	8.212	2.12056	1
cg13971849	0.796221	0.936624	-1.06766	0.0216547	0.497793	-2.00887	0.970556	0.990705	-1.00938	0.168329	0.689758	-1.44978	2.8132	2.85191	0.901121	1
cg12433486	0.227867	0.439958	-2.27294	0.0253265	0.178235	-5.61058	0.0598712	0.252277	-3.9639	0.0692847	0.267596	-3.73698	2.81319	18.7476	5.9237	1
cg09511741	0.192206	2.07852	2.07852	0.403987	0.635959	-1.57243	0.0346628	3.68896	3.68896	0.547045	1.38128	1.38128	2.81315	12.5172	3.95513	1
cg24507210	0.285167	0.496952	-2.01227	0.748064	0.816286	-1.22506	0.705807	0.787508	-1.26983	0.722387	1.25194	1.25194	2.81314	17.6775	5.58571	1
cg20490386	0.0961323	1.40845	1.40845	0.0475217	1.52937	1.52937	0.597316	0.904905	-1.10509	0.214	0.782517	-1.27793	2.81311	1.56531	0.494609	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04007302	CHSY1	0.0800434	0.0499978	0.690799	-1.4476	0.849114	0.96897	-1.03202	0.671608	0.931859	-1.07312	0.861123	1.0294	1.0294	0.483002	0.888705	-1.12523	0.474642	1.12787	1.12787	0.00612047	1.80775	1.80775	0.177705	0.788946	-1.26751	0.603948	1.09047	1.09047	2.81311	1.22032	0.385597	1
cg20041567	HIST1H4L;HIST1H3I	0.0800467	0.889353	0.899094	-1.11223	0.522133	1.64168	1.64168	0.0099595	12.0265	12.0265	0.274796	2.38273	2.38273	0.950253	1.04883	1.04883	0.0472173	5.66922	5.66922	0.887691	0.897647	-1.11402	0.0111886	11.35	11.35	0.539159	1.60815	1.60815	2.81306	26.0142	8.22013	1
cg13831329	PTGR1;PTGR1;PTGR1	0.0800468	0.595487	0.92612	-1.07977	0.645008	1.06871	1.06871	0.513754	1.0995	1.0995	0.329792	1.15495	1.15495	0.591614	1.08066	1.08066	0.230169	1.19761	1.19761	0.00349306	0.566876	-1.76406	0.447616	0.895061	-1.11724	0.277484	1.1756	1.1756	2.81306	0.914119	0.28885	1
cg00247471	PPM1H	0.0800484	0.823411	1.0555	1.0555	0.339849	1.26834	1.26834	0.0496998	1.71773	1.71773	0.186932	1.40219	1.40219	0.792398	1.06582	1.06582	0.651473	1.11615	1.11615	0.217526	1.3682	1.3682	0.0024193	2.77513	2.77513	0.137777	1.47138	1.47138	2.81303	2.60159	0.822073	1
cg00019877	LOC169834	0.0800498	0.16826	0.375295	-2.66457	0.00462897	0.0808948	-12.3617	0.0376816	0.200067	-4.99831	0.46074	0.605776	-1.65078	0.111008	0.313834	-3.18639	0.130702	0.336435	-2.97234	0.149536	0.356508	-2.80499	0.0663672	0.253003	-3.95252	0.713571	0.781864	-1.27899	2.81301	19.8483	6.27189	1
cg08523505	ATXN1;ATXN1	0.0800532	0.180131	0.753058	-1.32792	0.0597969	1.52682	1.52682	0.324721	0.81658	-1.22462	0.397702	0.841526	-1.18832	0.238761	0.782047	-1.2787	0.865413	0.966765	-1.03438	0.00772815	0.505721	-1.97738	0.143308	0.730976	-1.36803	0.208664	0.767913	-1.30223	2.81297	1.76865	0.558889	1
cg16965374	VWA5B1	0.0800533	0.270258	0.74685	-1.33896	0.174401	0.692558	-1.44392	0.0165859	0.475195	-2.1044	0.858777	1.04633	1.04633	0.00562754	0.39689	-2.51959	0.473641	0.830845	-1.20359	0.352361	0.783997	-1.27551	0.649855	0.890289	-1.12323	0.47199	1.20446	1.20446	2.81296	2.88049	0.910226	1
cg27219276	ZNF775	0.0800547	0.120558	0.53381	-1.87332	0.937337	1.02975	1.02975	0.0321398	0.392321	-2.54894	0.0563205	2.23824	2.23824	0.0802225	0.485037	-2.0617	0.802372	0.910746	-1.098	0.126708	0.540175	-1.85125	0.218389	1.62036	1.62036	0.319287	0.681334	-1.46771	2.81294	6.19192	1.95664	1
cg03350684	CIR1;SCRN3	0.0800548	0.0247167	0.646267	-1.54735	0.316851	1.17956	1.17956	0.0314562	1.50817	1.50817	0.0672834	1.39298	1.39298	0.162117	1.27051	1.27051	0.842713	1.03205	1.03205	0.303742	0.843629	-1.18535	0.9551	1.00898	1.00898	0.907224	0.981658	-1.01868	3.01164	1.1772	0.30402	1
cg22155724	RGS14	0.080055	0.328667	1.41847	1.41847	0.323709	1.42392	1.42392	0.107398	1.83913	1.83913	0.100019	1.86805	1.86805	0.751907	1.11624	1.11624	0.18662	0.615434	-1.62487	0.270791	0.671962	-1.48818	0.859357	0.940355	-1.06343	0.00714736	3.33493	3.33493	2.81294	5.35618	1.69255	1
cg25335544	CAMKV;CAMKV	0.0800559	0.529607	0.906985	-1.10255	0.030518	0.677243	-1.47658	0.116877	1.29844	1.29844	0.48266	1.11559	1.11559	0.931248	0.986858	-1.01332	0.211151	1.22381	1.22381	0.0241526	0.66221	-1.5101	0.291889	1.18253	1.18253	0.34175	1.16205	1.16205	2.81293	1.04709	0.330882	1
cg17042926	NFASC;NFASC;NFASC;NFASC;NFASC	0.0800563	0.789111	1.06605	1.06605	0.62389	1.12516	1.12516	0.609057	1.13097	1.13097	0.977632	1.00671	1.00671	0.918857	0.975979	-1.02461	0.245619	1.3361	1.3361	0.00277769	0.373744	-2.67563	0.503653	1.17578	1.17578	0.19611	1.38565	1.38565	2.81292	2.53635	0.801493	1
cg18480946	CADM2;CADM2	0.0800568	0.245822	0.600982	-1.66394	0.10225	0.472275	-2.11741	0.778389	1.12564	1.12564	0.208626	1.74378	1.74378	0.175569	1.82984	1.82984	0.568002	1.27393	1.27393	0.121676	2.02155	2.02155	0.0131869	3.62942	3.62942	0.109398	2.07976	2.07976	2.81291	7.84006	2.47748	1
cg01857819	PLXNA1	0.0800581	0.34942	1.27759	1.27759	0.131485	0.660937	-1.513	0.226871	0.724209	-1.38082	0.591552	1.1477	1.1477	0.17814	0.694978	-1.43889	0.239204	0.730906	-1.36817	0.00731037	2.40997	2.40997	0.966855	1.01062	1.01062	0.495917	0.838755	-1.19224	2.81289	2.88149	0.910565	1
cg06988349	ATOH7	0.0800608	0.827339	1.10299	1.10299	0.0138218	3.9171	3.9171	0.120804	2.12757	2.12757	0.161639	1.95557	1.95557	0.175903	0.524253	-1.90747	0.119985	2.13172	2.13172	0.350979	1.53843	1.53843	0.0344052	3.02589	3.02589	0.12011	2.13109	2.13109	2.81285	8.97079	2.83486	1
cg00985086	MCTP1	0.0800616	0.207595	1.24886	1.24886	0.0454678	0.681366	-1.46764	0.11293	0.749352	-1.33449	0.102229	0.74149	-1.34864	0.753501	0.94868	-1.0541	0.643868	1.08097	1.08097	0.420243	0.871347	-1.14765	0.0540281	1.44158	1.44158	0.139533	1.30462	1.30462	2.81284	1.24598	0.393745	1
cg24440302	SIGIRR;SIGIRR;SIGIRR	0.0800631	0.345189	2.2643	2.2643	0.159965	3.53276	3.53276	0.130067	3.95334	3.95334	0.0474591	6.72638	6.72638	0.675138	1.42522	1.42522	0.813408	0.819747	-1.21989	0.0171528	11.4927	11.4927	0.0194376	10.7515	10.7515	0.0390023	7.45218	7.45218	2.81282	31.4793	9.94787	1
cg13995916	THBS2	0.0800664	0.343106	0.523642	-1.9097	0.168852	0.378681	-2.64074	0.151387	0.361221	-2.76839	0.30961	2.00664	2.00664	0.00351874	0.072699	-13.7553	0.548577	1.49493	1.49493	0.299297	0.490391	-2.03919	0.165149	0.375053	-2.66629	0.761065	0.817079	-1.22387	2.81277	19.5458	6.17683	1
ch.20.741059R	DSN1;DSN1;DSN1;DSN1;DSN1	0.0800694	0.0234359	0.25026	-3.99584	0.0205755	0.239979	-4.16703	0.110912	0.411219	-2.43179	0.14231	0.446185	-2.24122	0.0518464	0.322374	-3.10198	0.545312	0.731118	-1.36777	0.0231568	0.249298	-4.01127	0.11009	0.410227	-2.43767	0.733842	0.839776	-1.19079	2.81273	11.6617	3.68537	1
cg20362147	RNPEP	0.0800707	0.199316	0.794324	-1.25893	0.300338	1.19989	1.19989	0.269273	1.21573	1.21573	0.0134596	0.594808	-1.68122	0.0462645	0.678626	-1.47357	0.274882	0.824572	-1.21275	0.239739	0.811377	-1.23247	0.753849	0.947991	-1.05486	0.234922	1.23539	1.23539	2.81271	1.28429	0.405868	1
cg02912913	GABRA5;GABRA5	0.0800725	0.586409	1.10498	1.10498	0.149035	0.754872	-1.32473	0.424552	1.15975	1.15975	0.738248	1.06284	1.06284	0.374641	0.847386	-1.1801	0.0280039	1.60276	1.60276	0.00961736	1.81418	1.81418	0.468552	0.874573	-1.14342	0.83933	0.96378	-1.03758	2.81269	1.47111	0.464914	1
cg02501116	CSPP1;CSPP1	0.0800726	0.0811122	0.567048	-1.76352	0.00398421	0.321241	-3.11293	0.21834	0.683974	-1.46204	0.249712	0.702649	-1.42318	0.575536	0.847087	-1.18052	0.467339	0.804963	-1.24229	0.223352	1.45546	1.45546	0.380769	0.768176	-1.30178	0.118639	0.608389	-1.64369	2.81268	3.83362	1.21153	1
cg08811817	RPTOR;RPTOR	0.0800739	0.438438	1.14328	1.14328	?	?	?	0.0492591	1.46266	1.46266	0.575814	1.10051	1.10051	0.104128	0.740048	-1.35126	0.484625	0.886628	-1.12787	0.107694	0.742725	-1.34639	0.320115	0.840244	-1.19013	0.0298799	0.648598	-1.54179	2.84737	1.1507	0.404128	1
cg04707254	DENND5B	0.0800744	0.0471556	0.470665	-2.12465	0.947968	1.02189	1.02189	0.0491184	2.10688	2.10688	0.217878	1.53735	1.53735	0.16589	0.612482	-1.6327	0.478585	0.787408	-1.26999	0.0518389	0.479936	-2.08361	0.141686	0.591996	-1.6892	0.277078	0.687253	-1.45507	2.81266	4.90348	1.54965	1
cg25369015	SLC25A33	0.0800752	0.723983	0.84238	-1.18711	0.231092	0.544608	-1.83618	0.0106504	0.211531	-4.72744	0.394332	1.52509	1.52509	0.0115292	0.216866	-4.61115	0.763338	1.15729	1.15729	0.352233	0.629329	-1.58899	0.17764	0.500055	-1.99978	0.819846	1.11667	1.11667	2.81265	10.4246	3.29453	1
cg08891989	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0800754	0.0345538	0.611509	-1.6353	0.195963	0.761186	-1.31374	0.0173413	0.560883	-1.7829	0.503345	1.14514	1.14514	0.0405754	0.623824	-1.60302	0.0380725	0.618917	-1.61573	0.586046	0.896076	-1.11598	0.530939	0.881038	-1.13502	0.111383	0.707483	-1.41346	2.81264	1.77381	0.560584	1
cg01531701	MSRB3;MSRB3	0.080078	0.374905	1.12939	1.12939	0.189073	0.830373	-1.20428	0.453249	0.90296	-1.10747	0.503561	0.913301	-1.09493	0.161572	1.22105	1.22105	0.528954	1.08895	1.08895	0.911713	0.985291	-1.01493	0.0626191	0.75584	-1.32303	0.00690779	0.626802	-1.5954	2.81261	0.795101	0.251282	1
cg05266816	TRIM10;TRIM10	0.0800784	0.136877	0.362067	-2.76192	0.467087	0.625526	-1.59865	0.199946	0.423817	-2.35951	0.395007	0.57562	-1.73726	0.0692428	0.27563	-3.62806	0.0581627	0.257308	-3.8864	0.00408093	0.0868459	-11.5146	0.0481656	0.238892	-4.18599	0.415657	0.590094	-1.69464	2.8126	17.9053	5.65875	1
cg13995140	KIF26A	0.0800788	0.103341	0.472225	-2.11764	0.00612614	0.221708	-4.51044	0.541	0.770573	-1.29774	0.909842	0.953414	-1.04886	0.044599	0.37864	-2.64103	0.179085	0.548218	-1.82409	0.032348	0.348092	-2.8728	0.200576	0.565893	-1.76712	0.98694	0.993131	-1.00692	2.8126	7.90055	2.49688	1
cg17473896	PITPNM1;PITPNM1	0.0800796	0.0741699	0.477041	-2.09626	0.362916	1.41599	1.41599	0.0999518	1.9553	1.9553	0.181706	0.590173	-1.69442	0.145307	0.558941	-1.7891	0.844621	0.929611	-1.07572	0.0385503	0.410049	-2.43874	0.0726674	0.47478	-2.10624	0.102354	0.514291	-1.94442	2.81258	6.16359	1.94794	1
cg14557699	PCDHA12;PCDHA7;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.0800807	0.0268418	6.52726	6.52726	0.0230358	6.99098	6.99098	0.0737582	4.1618	4.1618	0.269739	2.27546	2.27546	0.249608	2.36503	2.36503	0.0991725	3.64416	3.64416	0.123339	3.30066	3.30066	0.0198333	7.47926	7.47926	0.0549996	4.74267	4.74267	2.81257	22.7972	7.20486	1
cg14030402	C1orf123	0.0800842	0.867696	1.06493	1.06493	0.98916	0.994887	-1.00514	0.303875	0.669119	-1.4945	0.823604	1.08789	1.08789	0.023879	0.361633	-2.76523	0.16226	0.569505	-1.75591	0.00921792	0.287305	-3.48062	0.898863	0.953155	-1.04915	0.0327202	0.389542	-2.56712	2.81252	6.34164	2.00426	1
cg20256403	ANKRD39	0.0800862	0.00973905	0.130719	-7.65	0.0325228	0.210692	-4.74626	0.491779	1.54427	1.54427	0.578833	0.705422	-1.41759	0.337613	1.85005	1.85005	0.408139	1.69307	1.69307	?	?	?	0.646713	1.33269	1.33269	0.726492	1.24428	1.24428	2.84719	15.5243	5.45251	1
cg12092507	STAB2	0.080089	0.253087	2.92216	2.92216	0.0107641	17.7867	17.7867	0.186564	3.51783	3.51783	0.216497	3.21657	3.21657	0.59545	0.617918	-1.61834	0.0904433	5.34379	5.34379	0.0112726	17.3139	17.3139	0.911668	1.10483	1.10483	0.879523	1.14598	1.14598	2.81245	35.9469	11.3612	1
cg05927268	ABCD4;ABCD4	0.0800905	0.258805	1.19906	1.19906	0.675054	0.937099	-1.06712	0.0880964	1.33643	1.33643	0.570873	0.915528	-1.09227	0.0287296	0.67199	-1.48812	0.0868943	0.747268	-1.33821	0.436001	1.13027	1.13027	0.0483661	1.41562	1.41562	0.809846	1.03784	1.03784	2.81243	1.05754	0.334243	1
cg17962527	LOC116437	0.0800907	0.679265	1.05625	1.05625	0.399704	1.12016	1.12016	0.0656957	0.761968	-1.31239	0.260995	1.16684	1.16684	0.214473	1.18769	1.18769	0.0682552	1.30829	1.30829	0.00748593	1.57327	1.57327	0.822693	1.02998	1.02998	0.338866	1.13855	1.13855	2.81242	0.771665	0.243891	1
cg27132471	SLCO3A1;SLCO3A1	0.0800941	0.0914955	0.323411	-3.09204	0.492997	0.655129	-1.52642	0.00764307	0.124558	-8.02841	0.14262	0.383937	-2.6046	0.0722068	0.295569	-3.3833	0.313171	0.530629	-1.88456	0.0155902	0.165064	-6.05824	0.799701	0.85689	-1.16701	0.15116	0.392821	-2.54569	2.81237	16.4356	5.19469	1
cg08155486	TFB1M	0.0800948	0.0892362	0.743766	-1.34451	0.0715347	1.37421	1.37421	0.336848	1.16932	1.16932	?	?	?	0.909437	1.01814	1.01814	0.552067	1.09969	1.09969	0.0154478	0.625392	-1.599	0.209669	0.811515	-1.23226	0.818799	1.03691	1.03691	2.84706	1.00012	0.351283	1
cg04870470	EXTL2;EXTL2	0.0800953	0.459033	0.770566	-1.29775	0.275872	1.4797	1.4797	0.42747	1.32323	1.32323	0.0944826	0.529713	-1.88782	0.156685	0.592333	-1.68824	0.189333	0.618382	-1.61712	0.00835604	0.311922	-3.20593	0.0546039	0.470606	-2.12492	0.757006	0.898264	-1.11326	2.81236	5.32283	1.68236	1
cg16198417	VPS24;VPS24	0.0800963	0.365999	0.87816	-1.13874	0.836395	1.02935	1.02935	0.0378695	0.714043	-1.40047	0.0324966	0.704592	-1.41926	0.0252336	0.689178	-1.451	0.612961	0.931128	-1.07397	0.0943782	1.29335	1.29335	0.821578	0.968896	-1.0321	0.221653	0.83552	-1.19686	2.81234	0.871648	0.275499	1
cg23598089	ATP2B4;ATP2B4	0.080098	0.240384	0.849461	-1.17722	0.0748744	1.30125	1.30125	0.659176	1.06068	1.06068	0.260066	0.855618	-1.16875	0.138161	0.809052	-1.23601	0.734981	1.04613	1.04613	0.0120914	1.51481	1.51481	0.959458	1.00677	1.00677	?	?	?	2.84701	0.706126	0.248023	1
cg26912671	PDE4B;PDE4B;PDE4B	0.0800986	0.523089	0.654469	-1.52796	0.00274335	0.0666958	-14.9934	0.129685	0.342213	-2.92216	0.250984	2.19386	2.19386	0.242804	0.449044	-2.22695	0.393588	0.56416	-1.77255	0.529653	0.658968	-1.51752	0.245474	0.451264	-2.216	0.80791	1.17298	1.17298	2.81231	19.1103	6.0402	1
cg14055655	PRR12	0.0800994	0.495723	0.779703	-1.28254	0.106205	1.88645	1.88645	0.799657	0.912573	-1.0958	0.423187	0.745063	-1.34217	0.0128003	0.328787	-3.04148	0.041742	0.429822	-2.32654	0.829518	1.08066	1.08066	0.168573	1.69516	1.69516	0.313901	0.687506	-1.45453	2.8123	5.76433	1.82195	1
cg18444254	NDUFC2	0.0801027	0.0372045	0.602794	-1.65894	0.240699	0.773325	-1.29312	0.0769304	0.662562	-1.50929	0.0803252	0.666315	-1.50079	0.0456042	0.618964	-1.6156	0.0342396	0.596309	-1.67698	0.220901	0.763901	-1.30907	0.822801	0.954144	-1.04806	0.014353	0.53169	-1.8808	2.81225	1.95073	0.616582	1
cg06221470	SNX8	0.0801043	0.0645501	1.68609	1.68609	0.0905705	1.59865	1.59865	0.285657	1.32181	1.32181	0.111664	1.54636	1.54636	0.385609	0.799483	-1.25081	0.10231	0.637729	-1.56806	0.0878959	0.622572	-1.60624	0.38232	1.25285	1.25285	0.162724	1.4549	1.4549	2.81223	2.81947	0.891178	1
cg21519202	ARTN;ARTN;ARTN;ARTN;ARTN;ARTN;ARTN	0.0801043	0.100079	1.68781	1.68781	0.0380402	2.01096	2.01096	0.0521684	1.89957	1.89957	0.0961339	1.70029	1.70029	0.730252	0.904343	-1.10577	0.29584	1.37013	1.37013	0.0325809	2.06809	2.06809	0.965526	1.01263	1.01263	0.0190146	2.28147	2.28147	2.81223	3.75866	1.18804	1
cg12554483	VENTX	0.0801044	0.182638	2.34304	2.34304	0.277657	0.506781	-1.97324	0.146121	2.55821	2.55821	0.0049942	9.36342	9.36342	0.690319	0.78576	-1.27265	0.928883	1.05521	1.05521	0.301617	0.525027	-1.90466	0.922294	1.0605	1.0605	0.144196	2.57146	2.57146	2.81222	16.1432	5.10254	1
cg01822187	LOC349196;FAM90A5	0.0801059	0.0749028	0.51187	-1.95362	0.171539	0.611752	-1.63465	0.0190174	0.383454	-2.60787	0.158398	0.601071	-1.6637	0.0152038	0.36546	-2.73628	0.152207	0.595827	-1.67834	0.145016	0.58955	-1.69621	0.608765	0.840057	-1.19039	0.0239881	0.402884	-2.4821	2.8122	5.07642	1.60457	1
cg02310562	FBXW8;FBXW8	0.0801071	0.350559	0.884685	-1.13035	0.59825	1.07016	1.07016	0.456151	1.10162	1.10162	0.48522	0.913531	-1.09465	0.904999	1.01534	1.01534	0.0126131	0.673341	-1.48513	0.0343127	0.729898	-1.37005	0.18586	0.836215	-1.19587	0.107623	1.25096	1.25096	2.81219	0.724249	0.228924	1
cg05008927	UNC84A;UNC84A	0.0801086	0.0339194	0.179543	-5.56969	0.518032	0.641207	-1.55956	0.0574227	0.227009	-4.40511	0.275878	2.16349	2.16349	0.0109033	0.106093	-9.42572	0.332613	0.506818	-1.97309	?	?	?	0.738454	0.797	-1.25471	0.982857	1.01465	1.01465	3.04425	19.2138	5.52257	1
cg15397308	PUF60;PUF60;PUF60	0.0801087	0.119166	0.44345	-2.25504	0.152321	0.478427	-2.09018	0.867013	0.922575	-1.08392	0.764089	0.865261	-1.15572	0.0116661	0.219681	-4.55205	0.030784	0.295309	-3.38628	0.0412884	0.322432	-3.10143	0.920772	0.953289	-1.049	0.046046	0.333106	-3.00205	2.81216	10.2974	3.25489	1
cg06081153	SRPK2	0.0801093	0.211785	0.52522	-1.90396	0.704622	1.20496	1.20496	0.120094	2.28296	2.28296	0.011131	0.210573	-4.74895	?	?	?	0.21105	1.90615	1.90615	?	?	?	0.703052	1.20623	1.20623	0.545106	1.3496	1.3496	2.88992	8.53136	3.37384	1
cg03392038	RAPGEF3;RAPGEF3;RAPGEF3	0.0801099	0.327451	0.690352	-1.44854	0.309107	1.47086	1.47086	0.298812	1.48401	1.48401	0.0356553	0.408076	-2.45053	0.102622	0.519608	-1.92453	0.784027	0.904198	-1.10595	0.0108991	0.309881	-3.22704	0.747624	1.12563	1.12563	0.211079	0.616931	-1.62093	2.81214	5.98453	1.89165	1
cg15624311	MYO16	0.0801101	0.0630316	3.85866	3.85866	0.516828	1.52869	1.52869	0.0351049	4.88005	4.88005	0.97247	1.02253	1.02253	0.368471	0.550748	-1.81571	0.10352	3.15729	3.15729	0.0157961	6.74995	6.74995	0.0524171	4.15501	4.15501	0.215875	2.31878	2.31878	2.81214	18.5708	5.87004	1
cg16331828	SRRM2;LOC100128788;SRRM2	0.0801141	0.0387343	1.4186	1.4186	0.396068	0.880767	-1.13537	0.128018	1.27171	1.27171	0.191487	1.22387	1.22387	0.0312472	1.44659	1.44659	0.415109	1.1294	1.1294	0.140778	0.79339	-1.26041	0.701264	0.945248	-1.05792	0.0707963	1.34301	1.34301	2.81208	0.95045	0.300434	1
cg25107717	MIR760	0.0801142	0.0790332	0.79191	-1.26277	0.983535	1.00247	1.00247	0.289528	1.14057	1.14057	0.447622	0.911562	-1.09702	0.818177	0.972826	-1.02793	0.904887	1.0144	1.0144	0.0113175	0.684239	-1.46148	0.221123	1.16635	1.16635	0.0689526	1.2757	1.2757	2.81208	0.637478	0.201504	1
cg19388101	WDR4;WDR4	0.0801186	0.633008	0.893707	-1.11893	0.527317	0.861042	-1.16138	0.911524	0.974369	-1.02631	0.293162	1.29013	1.29013	0.474549	0.843763	-1.18517	0.0300022	1.81544	1.81544	0.0101766	0.469052	-2.13196	0.7529	0.928879	-1.07657	0.190688	1.38222	1.38222	2.81202	2.43032	0.768233	1
cg01567853	FAM164A	0.0801194	0.00410346	0.565218	-1.76923	0.53324	1.09802	1.09802	0.876356	1.02334	1.02334	0.404934	1.13458	1.13458	0.216177	1.21271	1.21271	0.642503	0.933076	-1.07172	0.278863	0.846342	-1.18156	0.500418	1.10666	1.10666	0.205089	1.2191	1.2191	2.81201	0.977824	0.309095	1
cg03481077	B4GALNT4	0.0801198	0.50666	1.14576	1.14576	0.236266	0.7783	-1.28485	0.00507809	0.473277	-2.11293	0.134241	1.38562	1.38562	0.18378	1.32949	1.32949	0.609039	1.1098	1.1098	0.48157	1.15543	1.15543	0.999347	0.999835	-1.00017	0.57075	0.89073	-1.12267	2.812	1.81655	0.574221	1
cg16152871	OPCML	0.0801209	0.727547	1.13221	1.13221	0.00748878	3.39456	3.39456	0.174309	1.67034	1.67034	0.598807	0.828219	-1.20741	0.771935	1.10869	1.10869	0.0149182	2.89448	2.89448	0.225114	1.57193	1.57193	0.653611	1.17393	1.17393	0.0821231	1.98138	1.98138	2.81199	5.613	1.77431	1
cg05808004	MEGF6	0.0801219	0.930828	0.972649	-1.02812	0.284739	1.42609	1.42609	0.883029	1.04815	1.04815	0.467589	0.789704	-1.2663	0.433375	0.774637	-1.29093	0.872874	1.05248	1.05248	0.00168258	0.238307	-4.19627	0.515845	0.810221	-1.23423	0.660075	0.868166	-1.15185	2.81197	4.54395	1.43638	1
cg12146829	SLC12A7	0.0801225	0.597212	0.753531	-1.32709	0.897964	0.934185	-1.07045	0.0466403	0.298497	-3.35012	0.23494	0.516526	-1.93601	0.0127574	0.193595	-5.16541	0.441177	0.659155	-1.51709	0.0106487	0.18194	-5.4963	0.649035	1.27525	1.27525	0.191427	0.480005	-2.08331	2.81196	12.5415	3.96449	1
cg25587405	CTTN;CTTN	0.0801238	0.0500062	0.632965	-1.57987	0.135102	1.39043	1.39043	0.0565657	1.55531	1.55531	0.058086	0.645129	-1.55008	0.215174	0.765695	-1.306	0.135347	0.719372	-1.3901	0.942957	1.01475	1.01475	0.443953	1.17317	1.17317	0.904945	1.02475	1.02475	2.81194	1.86479	0.589482	1
cg15205435	CHD5	0.0801244	0.126496	8.28024	8.28024	0.0438761	19.3349	19.3349	0.0919477	10.7234	10.7234	0.12817	8.19159	8.19159	0.535588	0.448319	-2.23055	0.0775467	12.2919	12.2919	0.137495	7.73244	7.73244	0.0132535	50.6727	50.6727	0.0624655	14.6043	14.6043	2.81193	72.8274	23.0217	1
cg22478679	ADPRHL1;ADPRHL1	0.0801247	0.00764724	0.136643	-7.31832	0.61319	0.743847	-1.34436	0.758784	1.19578	1.19578	0.571828	0.717739	-1.39326	0.203711	0.458974	-2.17877	0.036788	0.244603	-4.08826	0.186941	0.443954	-2.25248	0.118075	0.373393	-2.67814	0.0271855	0.219227	-4.56148	2.81193	15.0075	4.74406	1
cg21489753	CDC25C;CDC25C	0.0801249	0.78038	1.03194	1.03194	0.637016	1.05493	1.05493	0.668621	1.04963	1.04963	0.00892965	0.687841	-1.45382	0.517122	0.928779	-1.07668	0.064905	0.791999	-1.26263	0.595795	1.06208	1.06208	0.123261	1.20662	1.20662	0.105228	0.819441	-1.22034	2.81193	0.563597	0.178161	1
cg11339718	CBFA2T3;CBFA2T3	0.0801281	0.384467	1.41866	1.41866	0.0418834	2.50852	2.50852	0.142239	1.85655	1.85655	0.928331	1.03591	1.03591	0.985066	1.00737	1.00737	0.282148	1.5501	1.5501	0.00779014	0.26188	-3.81855	0.614994	1.22005	1.22005	0.809627	1.09928	1.09928	2.81188	6.84965	2.1653	1
cg10659624	RPUSD3;RPUSD3	0.0801291	0.998926	0.999756	-1.00024	0.058425	1.47253	1.47253	0.276444	1.22737	1.22737	0.858307	0.968177	-1.03287	0.0494948	0.666557	-1.50025	0.165639	0.765223	-1.30681	0.0196258	0.600365	-1.66565	0.917374	0.981395	-1.01896	0.39967	1.16886	1.16886	2.81187	1.45854	0.461076	1
cg08547432	RRAS	0.0801301	0.177446	0.860929	-1.16154	0.165757	1.16698	1.16698	0.0155164	1.36361	1.36361	0.0899454	0.822618	-1.21563	0.250538	1.13364	1.13364	0.193189	0.866013	-1.15472	0.333463	0.901025	-1.10985	0.626295	0.950024	-1.0526	0.601705	1.05656	1.05656	2.81185	0.486054	0.153652	1
cg19371121	TNN	0.0801314	0.477011	0.814537	-1.22769	0.156829	0.65076	-1.53667	0.0547385	0.538941	-1.85549	0.934033	0.976787	-1.02376	0.00637748	0.365266	-2.73773	0.574152	1.17479	1.17479	0.132876	1.58411	1.58411	0.341012	0.757016	-1.32098	0.515182	0.829261	-1.20589	2.81183	3.58444	1.13313	1
cg23215109	CCDC14;CCDC14	0.0801334	?	?	?	?	?	?	0.304508	0.648328	-1.54243	?	?	?	?	?	?	0.2679	0.622829	-1.60558	?	?	?	?	?	?	0.0388004	3.05132	3.05132	4.87033	3.43643	0.940781	1
cg02490907	SGK3;SGK3;SGK3	0.0801338	0.683407	0.932643	-1.07222	0.225802	1.24151	1.24151	0.166117	1.28549	1.28549	0.0945591	0.731601	-1.36687	0.611008	1.09116	1.09116	0.768582	1.05146	1.05146	0.159279	0.774284	-1.29152	0.821443	0.962285	-1.03919	0.00741354	1.79791	1.79791	2.8118	1.28805	0.407188	1
cg03250779	MAP2K7	0.0801338	0.144636	0.480312	-2.08198	0.0241866	0.284253	-3.518	0.201757	0.532114	-1.8793	0.102647	0.433517	-2.30672	0.0841935	0.408945	-2.44532	0.0564957	0.364011	-2.74717	0.00872059	0.209274	-4.77843	0.150099	0.485741	-2.05871	0.111727	0.444547	-2.24948	2.8118	9.7549	3.0838	1
cg26932054	LOC728661;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0801387	0.690955	0.893006	-1.11981	0.00768229	2.63821	2.63821	0.157473	1.53429	1.53429	0.82274	1.0656	1.0656	0.0692611	0.562386	-1.77814	0.761847	1.08989	1.08989	0.144252	1.55922	1.55922	0.79993	0.930609	-1.07457	0.324912	0.749858	-1.33359	2.81173	3.57114	1.12897	1
cg02367316	POU6F2;POU6F2	0.0801397	0.886491	0.95687	-1.04507	0.623788	0.858477	-1.16485	0.21149	1.50127	1.50127	0.0976078	1.75251	1.75251	0.352936	0.744503	-1.34318	0.410662	0.771288	-1.29653	0.0823113	0.552062	-1.81139	0.00924103	2.77265	2.77265	0.830437	0.935949	-1.06843	2.81171	4.2429	1.34134	1
cg07981588	YWHAZ;YWHAZ;YWHAZ	0.080142	0.0468035	0.580102	-1.72383	0.122081	1.4932	1.4932	0.307273	1.2877	1.2877	0.581717	0.875366	-1.14238	0.328635	0.785665	-1.27281	0.377306	1.24202	1.24202	0.0700512	0.615957	-1.62349	0.0272288	0.535129	-1.86871	0.299839	0.773323	-1.29312	2.81168	2.54895	0.805829	1
cg19175314	USP53	0.0801426	0.949505	0.980862	-1.01951	0.230993	0.681564	-1.46721	0.0024275	0.275822	-3.62553	0.390503	0.764555	-1.30795	0.0347464	0.471922	-2.11899	0.270753	0.704791	-1.41886	0.947332	0.980046	-1.02036	0.7717	0.915059	-1.09283	0.361414	0.751077	-1.33142	2.81167	4.14542	1.31054	1
cg27224392	SFXN2;SFXN2;ARL3	0.0801428	0.36965	1.12943	1.12943	0.126139	1.24434	1.24434	0.879188	0.980108	-1.0203	0.750079	0.958662	-1.04312	0.622261	1.0678	1.0678	0.85536	0.976184	-1.0244	0.00773519	0.636394	-1.57135	0.168377	0.823736	-1.21398	0.0548043	0.749965	-1.3334	2.81167	0.777095	0.245673	1
cg00639656	SNORD42A;RPL23A;SNORD4B	0.0801435	0.25555	0.756868	-1.32123	0.0138545	0.489819	-2.04157	0.426107	0.826358	-1.21013	0.29011	1.29392	1.29392	0.444021	0.832652	-1.20098	0.511964	0.855477	-1.16894	0.0809843	0.635026	-1.57474	0.131151	1.46597	1.46597	0.150302	1.43602	1.43602	2.81166	2.4527	0.775408	1
cg04752818	INTS1	0.080144	0.870718	0.971563	-1.02927	0.398523	1.16544	1.16544	0.544143	0.896963	-1.11487	0.806626	1.0444	1.0444	0.576758	0.904954	-1.10503	0.0499529	0.673016	-1.48585	0.00571638	1.89996	1.89996	0.21971	0.795657	-1.25682	0.787973	1.0489	1.0489	2.81165	1.39704	0.441667	1
cg09935271	YJEFN3	0.0801441	0.63831	1.31267	1.31267	0.617997	1.33495	1.33495	0.95182	0.965875	-1.03533	0.318911	1.80742	1.80742	0.356958	0.580188	-1.72358	0.564986	0.715858	-1.39693	0.00673149	0.132783	-7.53108	0.0286259	0.226794	-4.40929	0.367055	1.7031	1.7031	2.81165	14.7033	4.64839	1
cg04349561	NBPF3	0.0801514	0.30099	0.769662	-1.29927	0.0688533	0.608103	-1.64446	0.0130626	0.47135	-2.12157	0.249531	0.745283	-1.34177	0.0084597	0.439868	-2.27341	0.0642304	0.601708	-1.66193	0.55262	0.863505	-1.15807	0.195527	0.715752	-1.39713	0.20819	0.723141	-1.38286	2.81154	2.65733	0.840133	1
cg09795091	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.0801515	0.038853	0.770328	-1.29815	0.217285	0.867951	-1.15214	0.108127	0.825929	-1.21076	0.0464872	0.779751	-1.28246	0.270107	0.882247	-1.13347	0.601342	1.0592	1.0592	0.0475361	1.28052	1.28052	0.220613	0.868927	-1.15084	0.760598	1.0339	1.0339	2.81154	0.53002	0.167569	1
cg10330371	CADPS2;CADPS2;CADPS2	0.0801538	0.748867	0.879848	-1.13656	0.839524	1.08416	1.08416	0.745473	1.13861	1.13861	0.003758	4.7536	4.7536	0.670989	0.843419	-1.18565	0.26438	0.629002	-1.58982	0.816139	0.911355	-1.09727	0.0416941	2.54902	2.54902	0.714411	1.15774	1.15774	2.81151	7.07241	2.23602	1
cg18319818	MMAA;MMAA	0.0801553	0.441327	0.532906	-1.8765	0.0286525	7.92034	7.92034	?	?	?	0.992012	0.992007	-1.00806	0.980625	0.980721	-1.01966	0.0339574	0.137452	-7.27528	0.290826	2.40789	2.40789	0.103439	4.16914	4.16914	0.159595	3.33604	3.33604	2.84616	25.749	9.04693	1
cg01408486	CXXC5	0.0801557	0.05444	0.2778	-3.59971	0.150893	2.46832	2.46832	0.690572	1.26473	1.26473	0.53	0.688383	-1.45268	0.248163	0.492335	-2.03114	0.722706	1.2326	1.2326	0.024997	0.209013	-4.78439	0.0190311	0.188963	-5.29205	0.781805	0.849622	-1.17699	2.81148	15.34	4.84997	1
cg17407435	ZNF274;ZNF274;ZNF274	0.0801559	0.647186	1.12653	1.12653	0.452571	0.820487	-1.21879	0.711079	1.10098	1.10098	0.00149957	0.306301	-3.26476	0.530641	1.17849	1.17849	0.719843	0.911081	-1.0976	0.898675	0.967598	-1.03349	0.989578	0.996628	-1.00338	0.956066	1.01435	1.01435	2.81148	2.97676	0.941146	1
cg17812850	TMEM184C	0.0801561	0.488265	1.1664	1.1664	0.0485227	1.63665	1.63665	0.0939673	1.49565	1.49565	0.03071	0.574161	-1.74167	0.198592	0.743057	-1.34579	0.713136	1.08407	1.08407	0.104668	0.678623	-1.47357	0.503926	1.15981	1.15981	0.514797	1.15534	1.15534	2.81148	2.12778	0.672727	1
cg16101257	ZNF517	0.0801608	0.832242	0.963212	-1.03819	0.574019	0.904508	-1.10557	0.0761874	0.705654	-1.41713	0.00184826	0.457913	-2.18382	0.26749	0.815371	-1.22644	0.97242	1.00613	1.00613	0.526324	0.892751	-1.12013	0.215178	0.794112	-1.25927	0.259235	0.812226	-1.23118	2.81141	1.39023	0.439551	1
cg10347813	C7orf50;C7orf50;C7orf50	0.0801657	0.777043	1.08247	1.08247	0.693743	0.89541	-1.11681	0.739846	0.911176	-1.09748	0.75735	0.917129	-1.09036	0.654489	1.13399	1.13399	0.25704	0.718782	-1.39124	0.00207175	3.35512	3.35512	0.318463	1.33351	1.33351	0.696833	0.896472	-1.11548	2.81134	3.4693	1.09692	1
cg01966117	STAB1	0.080166	0.125501	0.518111	-1.93009	0.0141212	3.32411	3.32411	0.720541	1.15311	1.15311	0.500872	0.762652	-1.31121	0.0451603	0.401939	-2.48794	0.656236	0.83722	-1.19443	0.122558	0.515004	-1.94173	0.407595	1.39926	1.39926	0.514381	0.76934	-1.29982	2.81133	7.00283	2.21416	1
cg06264592	NDUFS7	0.0801685	0.561382	0.923692	-1.08261	0.336179	1.14344	1.14344	0.191814	1.20535	1.20535	0.700163	0.94904	-1.0537	0.222464	0.840886	-1.18922	0.587548	1.07683	1.07683	0.00313084	1.72641	1.72641	0.433743	0.897654	-1.11401	0.79523	1.03578	1.03578	2.8113	0.813482	0.25721	1
cg09327035	EHMT2;EHMT2	0.0801688	0.0249536	0.284076	-3.52018	0.402703	0.667675	-1.49774	0.0492195	0.346842	-2.88316	0.587179	0.772146	-1.29509	0.0130123	0.233748	-4.27811	0.0373585	0.319921	-3.12577	0.445926	0.693161	-1.44267	0.482153	0.713934	-1.40069	0.0451757	0.338242	-2.95646	2.81129	9.90673	3.13236	1
cg19174059	TMEM218	0.0801704	0.806294	1.05678	1.05678	0.479911	1.17519	1.17519	0.294517	0.783179	-1.27685	0.299889	1.27315	1.27315	0.00254108	0.390031	-2.5639	0.612311	0.891475	-1.12174	0.310794	1.26584	1.26584	0.983603	0.995391	-1.00463	0.793556	0.94275	-1.06073	2.81127	2.2498	0.71136	1
cg07890827	EBF3	0.0801711	0.24698	0.615672	-1.62424	0.58191	1.24959	1.24959	0.00273923	0.190772	-5.24186	0.115316	0.503595	-1.98572	0.195984	0.578172	-1.72959	0.75999	0.884466	-1.13063	0.839469	0.921945	-1.08466	0.488909	1.32537	1.32537	0.752946	1.13487	1.13487	2.81126	7.14795	2.2601	1
cg26159990	ERI3	0.0801718	0.0628523	2.84277	2.84277	0.0185325	4.15991	4.15991	0.0344198	3.42659	3.42659	0.271535	1.77074	1.77074	0.374634	0.63451	-1.57602	0.0671565	2.78487	2.78487	0.740666	1.18034	1.18034	0.0731747	2.71148	2.71148	0.127883	2.27436	2.27436	2.81125	11.0952	3.50818	1
cg12076048	TXNL1;TXNL1	0.080177	0.14068	0.829866	-1.20501	0.275121	0.874927	-1.14295	0.156141	0.827805	-1.20801	0.0582245	0.77733	-1.28645	0.539862	0.929568	-1.07577	0.0117176	0.690331	-1.44858	0.905864	0.986175	-1.01402	0.315459	1.12992	1.12992	0.1493	1.19957	1.19957	2.81117	0.616567	0.194958	1
cg12219311	BTBD2	0.0801774	0.0371404	2.31716	2.31716	0.577502	1.21583	1.21583	0.417577	1.33335	1.33335	0.380849	1.36638	1.36638	0.895032	0.955192	-1.04691	0.322107	1.42649	1.42649	0.00354724	3.94492	3.94492	0.056032	2.12047	2.12047	0.195842	1.60809	1.60809	2.81117	5.3697	1.69789	1
cg14640712	PWP2	0.0801777	0.00310349	0.471552	-2.12066	0.850293	0.965502	-1.03573	0.204446	0.779733	-1.28249	0.841033	0.963375	-1.03802	0.488441	0.877422	-1.1397	0.147972	0.749484	-1.33425	0.961854	0.991153	-1.00893	0.728779	1.06681	1.06681	0.158265	1.32346	1.32346	2.81116	1.53695	0.485983	1
cg15457506	RNF214;PCSK7;RNF214	0.080179	0.105333	0.750807	-1.3319	0.297773	1.19104	1.19104	0.388015	1.15408	1.15408	0.117622	1.31687	1.31687	0.514621	1.11297	1.11297	0.0118279	1.66375	1.66375	0.501115	0.8953	-1.11694	0.100175	0.746958	-1.33876	0.793079	1.0435	1.0435	2.81115	1.168	0.369324	1
cg07703364	RPL13P5	0.0801808	0.435089	0.809251	-1.23571	0.0200477	0.474398	-2.10793	0.360208	0.7788	-1.28403	0.09693	0.61617	-1.62293	0.0853064	0.603163	-1.65793	0.247843	0.725359	-1.37863	0.0372263	1.90164	1.90164	0.192532	0.693113	-1.44277	0.494772	0.831724	-1.20232	2.81112	3.14472	0.994373	1
cg19410378	ACTR3B;ACTR3B	0.0801808	0.935023	1.04532	1.04532	0.220542	2.0139	2.0139	0.76082	1.18051	1.18051	0.43126	0.646219	-1.54746	0.0019326	0.0921088	-10.8567	0.46451	0.66722	-1.49876	0.860931	1.1	1.1	0.842864	1.11391	1.11391	0.839818	0.895831	-1.11628	2.81112	13.1534	4.15915	1
cg19888869	GSX2	0.0801813	0.182111	4.19254	4.19254	0.125152	5.36514	5.36514	0.149808	4.77185	4.77185	0.650949	1.58562	1.58562	0.923703	1.1018	1.1018	0.0364307	11.7183	11.7183	0.00851166	29.9184	29.9184	0.0572645	8.81809	8.81809	0.0421567	10.69	10.69	2.81111	45.6044	14.4204	1
cg09724492	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.0801822	0.318891	0.786405	-1.27161	0.59018	0.880888	-1.13522	0.0396783	1.74166	1.74166	0.218751	0.739544	-1.35218	0.482837	0.84674	-1.181	0.0434387	0.581747	-1.71896	0.950585	1.01456	1.01456	0.35862	1.24631	1.24631	0.0365235	1.76272	1.76272	2.8111	2.42237	0.76597	1
cg23391060	PLXNB3;PLXNB3	0.0801847	0.0867467	0.444522	-2.24961	0.135061	1.99455	1.99455	0.76289	0.878384	-1.13845	0.0265102	3.08694	3.08694	0.155126	1.91942	1.91942	0.0431524	0.36896	-2.71032	0.486317	1.35412	1.35412	0.83229	0.913125	-1.09514	0.657514	1.21073	1.21073	2.81106	8.17712	2.5857	1
cg25971128	SFRS8	0.0801847	0.446308	0.812565	-1.23067	0.257438	0.729063	-1.37162	0.0314482	0.509317	-1.96341	0.259637	0.730217	-1.36946	0.13548	0.650375	-1.53758	0.500663	0.832961	-1.20054	0.0044707	0.362874	-2.75577	0.363074	1.28394	1.28394	0.288075	0.744609	-1.34299	2.81106	3.18276	1.00642	1
cg25387410	FUT3;FUT3;FUT3;FUT3	0.0801849	0.0716076	0.574037	-1.74205	0.312248	0.749445	-1.33432	0.0836982	0.589689	-1.69581	0.276769	0.731894	-1.36632	0.0472505	0.534525	-1.87082	0.676165	0.890559	-1.12289	0.0323006	0.500757	-1.99698	0.0785887	0.583311	-1.71435	0.00870012	0.397519	-2.5156	2.81106	3.38934	1.07175	1
cg10338364	B3GNTL1	0.0801855	0.438036	0.864361	-1.15692	0.111151	1.37683	1.37683	0.572231	0.900179	-1.11089	0.48577	0.877644	-1.13941	0.142689	0.748017	-1.33687	0.388873	0.849829	-1.17671	0.0156578	1.72624	1.72624	0.12238	0.73455	-1.36138	0.133184	0.741921	-1.34785	2.81105	1.51168	0.478013	1
cg17475857	DNMT3B;DNMT3B;DNMT3B;DNMT3B	0.0801874	0.793237	0.940105	-1.06371	0.687867	0.909411	-1.09961	0.0577777	0.603863	-1.656	0.59556	0.88165	-1.13424	0.732621	1.08397	1.08397	0.073368	1.5991	1.5991	0.0102783	2.13925	2.13925	0.467586	1.18981	1.18981	0.266614	0.761745	-1.31278	2.81102	2.46127	0.77829	1
cg21896142	HMGN5;HMGN5;SH3BGRL;SH3BGRL	0.0801876	0.0418624	0.375703	-2.66168	0.0141597	0.282656	-3.53787	0.711991	0.856605	-1.1674	0.86482	0.931349	-1.07371	0.256549	1.63936	1.63936	0.0962286	0.466538	-2.14345	0.388575	0.691539	-1.44605	0.300316	1.56517	1.56517	0.25947	1.63398	1.63398	2.81102	7.75644	2.45271	1
cg20921106	C11orf73;C11orf73;C11orf73	0.0801932	0.596156	0.75362	-1.32693	0.006129	0.150823	-6.63029	0.568682	0.73735	-1.35621	0.0860024	2.72757	2.72757	0.952328	0.968874	-1.03213	0.203045	2.03539	2.03539	0.799526	0.874071	-1.14407	0.182674	0.473344	-2.11263	0.384312	1.60285	1.60285	2.81094	12.4532	3.93802	1
cg20010054	RAGE	0.0801939	0.0180733	0.663972	-1.50609	0.795031	0.963552	-1.03783	0.0541791	0.732243	-1.36567	0.58998	0.92535	-1.08067	0.0280706	0.690744	-1.44772	0.103891	0.776002	-1.28866	0.154395	1.24286	1.24286	0.427928	0.890988	-1.12235	0.229869	0.835549	-1.19682	2.81093	0.905457	0.286329	1
cg25736982	ACAT2	0.0801945	0.233338	0.429097	-2.33047	0.0159512	0.135601	-7.37455	0.606005	1.42231	1.42231	0.824529	0.860401	-1.16225	0.0647291	0.245443	-4.07426	0.0481159	0.21665	-4.61573	0.0329498	0.184733	-5.41321	0.058215	0.234723	-4.26035	0.200697	0.400482	-2.49699	2.81092	20.4092	6.45394	1
cg03935352	C14orf143	0.0801955	0.00460234	0.33833	-2.95569	0.646671	0.87579	-1.14183	0.205344	1.46809	1.46809	0.930863	0.975373	-1.02525	0.324498	1.33961	1.33961	0.743381	1.099	1.099	0.092482	1.70245	1.70245	0.984082	0.994284	-1.00575	0.431964	1.25918	1.25918	2.81091	3.67612	1.16249	1
cg23264557	MBLAC2;POLR3G;POLR3G	0.0801983	0.0805735	1.22783	1.22783	0.213073	0.870336	-1.14898	0.136456	0.843735	-1.18521	0.375674	1.10108	1.10108	0.678674	0.956839	-1.04511	0.0177131	1.35726	1.35726	0.0871105	0.818668	-1.2215	0.666316	0.955094	-1.04702	0.603844	0.946069	-1.057	2.81087	0.49933	0.157905	1
cg02602352	IL34	0.0802007	0.0328283	1.46736	1.46736	0.120083	1.29564	1.29564	0.354155	1.15768	1.15768	0.358225	1.15617	1.15617	0.440005	0.886071	-1.12858	0.508403	0.902085	-1.10854	0.0136259	0.625791	-1.59798	0.68873	0.940026	-1.0638	0.774743	1.04506	1.04506	2.81083	1.05022	0.332117	1
cg17334840	G6PC2;G6PC2	0.0802013	0.350017	1.27225	1.27225	0.241641	1.35904	1.35904	0.42948	0.817196	-1.2237	0.108868	1.54912	1.54912	0.0720589	1.65295	1.65295	0.198328	1.40534	1.40534	0.0407963	1.80592	1.80592	0.00636552	2.43239	2.43239	0.825668	1.05677	1.05677	2.81082	2.78913	0.882027	1
cg09439788	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.0802024	0.786745	0.951082	-1.05143	0.880901	0.972651	-1.02812	0.659851	0.921347	-1.08537	0.315087	1.21183	1.21183	0.0031214	0.473512	-2.11188	0.0893369	0.707169	-1.41409	0.391741	1.17621	1.17621	0.313136	0.824512	-1.21284	0.346874	0.835974	-1.19621	2.81081	1.5229	0.481601	1
cg17051440	CLDN2;CLDN2;CLDN2;CLDN2	0.0802074	0.355179	0.698108	-1.43244	0.0416238	0.411669	-2.42914	0.0521236	0.43398	-2.30425	0.593624	1.22569	1.22569	0.0523266	0.434376	-2.30215	0.471244	0.758118	-1.31906	0.145527	0.554039	-1.80493	0.149688	1.79252	1.79252	0.189241	1.69127	1.69127	2.81074	6.35548	2.00991	1
cg11287851	MCAM	0.0802092	0.746316	0.963153	-1.03826	0.224508	1.15902	1.15902	0.0264542	1.35575	1.35575	0.269002	0.875334	-1.14242	0.462501	0.91713	-1.09036	0.274958	0.87689	-1.14039	0.0224084	0.72876	-1.37219	0.173248	1.18247	1.18247	0.916978	0.988012	-1.01213	2.81071	0.595515	0.188332	1
cg21467108	MCTP2;MCTP2	0.0802125	0.752112	1.10213	1.10213	0.020025	0.422595	-2.36633	0.330633	0.734857	-1.36081	0.211431	0.667617	-1.49786	0.00762028	0.34889	-2.86623	0.0973317	0.572137	-1.74783	0.346966	0.742883	-1.34611	0.691635	1.13015	1.13015	0.113428	0.589396	-1.69665	2.81066	4.19277	1.32599	1
cg07333905	RANBP9	0.080215	0.100599	0.575136	-1.73872	0.0341329	0.467498	-2.13904	0.0126457	0.385445	-2.59441	0.486106	1.24316	1.24316	0.0457285	0.494383	-2.02272	0.0787129	0.548519	-1.82309	0.201679	0.660569	-1.51385	0.311794	0.724833	-1.37963	0.18563	0.649437	-1.5398	2.81062	4.21043	1.33159	1
cg20456193	ATP2B3;ATP2B3;ATP2B3;ATP2B3	0.0802152	0.972202	1.01119	1.01119	0.812858	1.07865	1.07865	0.51656	0.810626	-1.23361	0.614586	0.850375	-1.17595	0.151855	0.612571	-1.63246	0.0264492	2.31649	2.31649	0.00805378	0.338386	-2.95521	0.555913	0.826837	-1.20943	0.428476	0.772562	-1.29439	2.81062	4.5361	1.43459	1
cg14963002	C14orf72	0.0802159	0.979959	0.993477	-1.00657	0.00907613	0.421538	-2.37226	0.100144	0.625416	-1.59894	0.0756285	0.597357	-1.67404	0.121928	0.646102	-1.54774	0.0286915	0.510507	-1.95884	0.172752	0.685205	-1.45942	0.0496478	0.557966	-1.79223	0.383143	0.79215	-1.26239	2.81061	3.02155	0.955601	1
cg05478824	ASPSCR1	0.0802181	0.37449	1.31158	1.31158	0.789439	0.923452	-1.08289	0.150122	0.6319	-1.58253	0.471586	1.24345	1.24345	0.118954	0.604394	-1.65455	0.677689	1.13242	1.13242	0.0144046	2.4533	2.4533	0.0619581	1.86897	1.86897	0.137267	1.61001	1.61001	2.81058	3.94085	1.24635	1
cg08302209	TRIP11;TRIP11	0.0802187	0.286367	0.714771	-1.39905	0.142896	1.61218	1.61218	0.286968	1.39842	1.39842	0.883689	1.0454	1.0454	0.218688	0.67545	-1.48049	0.24062	0.688938	-1.45151	0.0218688	2.30334	2.30334	0.0267362	2.21685	2.21685	0.920394	1.03078	1.03078	2.81057	4.09467	1.29501	1
cg15456742	LOC148696	0.080219	0.387555	0.741193	-1.34918	0.00747693	3.20441	3.20441	0.0428995	2.19895	2.19895	0.137829	1.71664	1.71664	0.40518	1.33376	1.33376	0.198865	1.58267	1.58267	0.148499	1.6889	1.6889	0.397779	0.746182	-1.34015	0.940594	1.02552	1.02552	2.81057	5.09032	1.6099	1
cg02907638	EPHB1	0.0802194	0.0147813	0.32801	-3.04868	0.216024	1.62231	1.62231	0.0871041	2.01791	2.01791	0.407234	0.729751	-1.37033	0.432395	0.742487	-1.34682	0.89267	1.05145	1.05145	0.0654458	0.463745	-2.15636	0.409567	0.730946	-1.36809	0.13021	0.544762	-1.83566	2.81056	6.14725	1.94418	1
cg13855674	TTC27	0.0802211	0.101868	1.18862	1.18862	0.332962	0.908125	-1.10117	0.0832066	0.831043	-1.20331	0.614124	0.952124	-1.05028	0.100605	1.18953	1.18953	0.827964	1.02122	1.02122	0.0107367	0.733918	-1.36255	0.970914	1.00352	1.00352	0.585002	0.948177	-1.05466	2.81054	0.414497	0.131093	1
cg09218773	MUPCDH;MUPCDH	0.0802211	0.0708162	0.460322	-2.17239	0.00423221	0.229546	-4.35642	0.420278	0.728724	-1.37226	0.803368	1.10063	1.10063	0.041889	0.406061	-2.46268	0.17691	0.576002	-1.73611	0.113279	0.515634	-1.93936	0.298078	0.660631	-1.5137	0.257657	0.635086	-1.57459	2.81054	6.57503	2.07949	1
cg06322518	C10orf71;C10orf71	0.0802219	0.280688	0.68249	-1.46522	0.0113065	0.339351	-2.9468	0.00828808	0.316653	-3.15803	0.384252	0.737911	-1.35518	0.434436	0.762081	-1.3122	0.790677	0.913355	-1.09486	0.0501541	0.467297	-2.13997	0.209182	0.637014	-1.56982	0.136215	0.5787	-1.72801	2.81053	5.16623	1.63393	1
cg12750378	RPIA	0.080223	0.0544539	1.82927	1.82927	0.248624	1.39622	1.39622	0.0592618	1.80285	1.80285	0.0266625	2.06871	2.06871	0.843508	1.05623	1.05623	0.0857551	1.69143	1.69143	0.0366107	1.95849	1.95849	0.0999832	1.64683	1.64683	0.0233309	2.11722	2.11722	2.81051	3.40954	1.07835	1
cg20448966	ARL16;HGS	0.0802241	0.0559462	0.285281	-3.50531	0.469861	1.52004	1.52004	0.403281	0.614136	-1.6283	?	?	?	0.122996	0.382497	-2.6144	0.142904	0.404756	-2.47063	0.0161031	0.177678	-5.62816	0.0697827	0.309687	-3.22907	0.0402758	0.252356	-3.96266	3.0423	13.5284	3.89091	1
cg04498418	GRIK2;GRIK2;GRIK2	0.0802254	0.0929185	0.706926	-1.41458	0.133265	0.737961	-1.35508	0.367677	0.840625	-1.18959	0.0736607	1.45371	1.45371	0.0991371	1.40379	1.40379	0.0481342	1.5277	1.5277	0.491184	0.877052	-1.14018	0.240938	0.79428	-1.259	0.70204	1.07478	1.07478	2.81048	1.5668	0.495543	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22658311	VEGFC	0.0802275	0.017374	0.316494	-3.15962	0.346873	0.680638	-1.46921	0.0652888	0.439609	-2.27475	0.0550566	0.42149	-2.37254	0.0444698	0.399865	-2.50084	0.0843722	0.468467	-2.13462	0.0779371	0.45932	-2.17713	0.770928	1.12295	1.12295	0.0571003	0.425297	-2.3513	2.81045	7.0217	2.22083	1
cg09616053	MLST8	0.080228	0.090621	0.451317	-2.21574	0.305748	1.57229	1.57229	0.53278	0.76368	-1.30945	0.866627	1.07436	1.07436	0.0141123	0.274528	-3.64262	0.3497	0.663123	-1.50801	0.022087	0.309971	-3.22611	0.116531	0.482993	-2.07042	0.105195	0.469792	-2.1286	2.81044	8.10559	2.56365	1
cg02477834	ODF3L2	0.0802313	0.191027	1.30288	1.30288	0.301178	0.814877	-1.22718	0.0358068	0.627026	-1.59483	0.351576	0.832597	-1.20106	0.0107621	0.542078	-1.84475	0.110025	0.716856	-1.39498	0.879857	0.971509	-1.02933	0.847111	1.03758	1.03758	0.0908605	0.700498	-1.42756	2.81039	1.6255	0.514125	1
cg21428954	CELSR1	0.0802316	0.306349	1.37478	1.37478	0.147289	0.62665	-1.59579	0.622794	0.861561	-1.16068	0.0154198	0.409265	-2.44341	0.216301	0.676346	-1.47853	0.763224	0.913197	-1.09505	0.0237726	0.444406	-2.25019	0.963259	0.986251	-1.01394	0.0334947	0.473987	-2.10976	2.81039	4.0205	1.27163	1
cg04982102	SEMA4D;SEMA4D	0.080232	0.943431	1.02182	1.02182	0.0343977	2.11789	2.11789	0.016255	2.44437	2.44437	0.710271	1.12017	1.12017	0.281699	1.40529	1.40529	0.105356	1.71275	1.71275	0.00968791	2.70568	2.70568	0.909937	1.03501	1.03501	0.640337	1.15386	1.15386	2.81038	4.11672	1.30207	1
cg07509199	CROCCL2	0.0802334	0.605688	0.883243	-1.13219	0.697121	0.910966	-1.09774	0.495745	1.17928	1.17928	0.852537	0.956606	-1.04536	0.00217059	0.358518	-2.78926	0.585214	0.876869	-1.14042	0.254682	1.32783	1.32783	0.190244	0.718401	-1.39198	0.592105	0.879023	-1.13763	2.81036	2.52996	0.800202	1
cg07936541	ANKRD36B	0.0802339	0.459141	0.923957	-1.0823	0.293195	0.891886	-1.12122	0.651905	0.953467	-1.0488	0.703374	1.04096	1.04096	0.273707	1.12695	1.12695	0.488737	1.07659	1.07659	0.0389168	0.778135	-1.28512	0.0105892	0.713673	-1.4012	0.0519243	0.792896	-1.2612	2.81035	0.490059	0.155001	1
cg22610645	GEFT;GEFT	0.0802371	0.0388486	6.79441	6.79441	0.0146915	11.0912	11.0912	0.273327	2.49249	2.49249	0.414174	1.95174	1.95174	0.230503	2.73942	2.73942	0.0546491	5.73339	5.73339	0.0251254	8.44821	8.44821	0.0367765	6.9825	6.9825	0.188544	3.0529	3.0529	2.81031	28.565	9.03501	1
cg27083740	A2BP1;A2BP1	0.0802378	0.4069	0.588707	-1.69864	0.108395	2.98534	2.98534	0.57574	1.42345	1.42345	0.557316	0.690297	-1.44865	0.145304	0.376585	-2.65544	0.236916	0.461235	-2.16809	0.00685253	0.112272	-8.90696	0.3422	0.542726	-1.84255	0.0880768	0.308683	-3.23957	2.8103	17.358	5.49028	1
cg03529641	TACC2;TACC2;TACC2;TACC2	0.0802386	0.0973823	0.640115	-1.56222	0.737386	0.920782	-1.08603	0.161484	0.693028	-1.44294	0.738715	0.921185	-1.08556	0.0512653	0.580236	-1.72344	0.907419	0.971873	-1.02894	0.231329	1.36056	1.36056	0.0105626	0.454387	-2.20077	0.0524615	0.582278	-1.71739	2.81028	2.67685	0.846685	1
cg14276435	KIAA1967;KIAA1967	0.0802402	0.43504	0.931645	-1.07337	0.0382962	0.807816	-1.23791	0.219607	1.1216	1.1216	0.354009	0.918722	-1.08847	0.0163525	1.29813	1.29813	0.0891239	0.846479	-1.18136	0.962002	0.995774	-1.00424	0.631752	0.957982	-1.04386	0.630578	1.04402	1.04402	2.81026	0.351752	0.111259	1
cg24442740	AHDC1	0.0802402	0.128605	5.29201	5.29201	0.540853	1.87391	1.87391	0.00956731	27.8976	27.8976	0.18485	4.1647	4.1647	0.941147	1.07778	1.07778	0.834046	0.808288	-1.23718	0.0504393	0.104154	-9.60112	0.599405	0.5841	-1.71204	0.380093	0.401162	-2.49276	2.81026	45.805	14.4882	1
cg21663658	FBXO45	0.0802409	0.103785	0.349266	-2.86315	0.858131	1.11161	1.11161	0.0796429	0.316532	-3.15924	0.406199	1.65283	1.65283	0.0524969	0.271501	-3.68323	0.303115	0.532187	-1.87904	0.0101909	0.147219	-6.79261	0.768825	0.840059	-1.19039	0.0567672	0.279413	-3.57894	2.81025	15.5637	4.92284	1
cg04654479	C10orf47	0.080244	0.902431	0.961688	-1.03984	0.139785	1.6588	1.6588	0.58062	0.837153	-1.19452	0.725357	1.1189	1.1189	0.464885	0.789054	-1.26734	0.758256	0.906347	-1.10333	0.00582553	3.1587	3.1587	0.098279	1.78173	1.78173	0.0528612	2.01562	2.01562	2.81021	4.51573	1.42836	1
cg14716686	C21orf7	0.0802445	0.647574	0.799012	-1.25155	0.958067	0.974692	-1.02596	0.655256	1.24493	1.24493	0.084237	0.39407	-2.53762	0.0424648	0.320122	-3.12381	0.0575137	0.350913	-2.84971	0.00738066	0.185814	-5.38173	0.814787	0.891903	-1.1212	0.103344	0.41957	-2.38339	2.8102	10.5777	3.3458	1
cg24251111	PRKAG2	0.0802447	0.446461	0.611002	-1.63666	0.0910089	3.26053	3.26053	0.749005	0.815632	-1.22604	0.94616	1.04381	1.04381	0.050685	0.243272	-4.11062	0.530535	0.668078	-1.49683	0.00561952	0.0994776	-10.0525	0.783386	1.19119	1.19119	0.408083	0.584383	-1.71121	2.8102	17.9382	5.67399	1
cg07780777	UBXN2B;UBXN2B	0.080245	0.110349	0.692634	-1.44376	0.223577	1.30981	1.30981	0.299763	1.25459	1.25459	0.240437	0.771512	-1.29616	0.0587908	0.637308	-1.5691	0.0422415	0.610282	-1.63859	0.873407	0.966906	-1.03423	0.924134	0.980097	-1.02031	0.0586467	1.5696	1.5696	2.81019	1.98265	0.627129	1
cg21602363	PRPF8	0.080247	0.517404	1.1383	1.1383	0.711799	1.07599	1.07599	0.790777	1.05388	1.05388	0.68265	1.08452	1.08452	0.29405	1.23962	1.23962	0.396292	0.842443	-1.18702	0.00269953	0.441258	-2.26625	0.26526	1.25752	1.25752	0.716572	1.07461	1.07461	2.81016	1.73375	0.548407	1
cg01843978	CLCN5;MIR362;CLCN5;MIR500	0.0802474	0.720649	1.20327	1.20327	0.419099	0.653474	-1.53028	0.0616909	0.338058	-2.95808	0.0290231	0.265484	-3.7667	0.0172524	0.224249	-4.45932	0.460041	0.678666	-1.47348	0.107378	0.404291	-2.47346	0.219336	1.94578	1.94578	0.164656	0.465808	-2.14681	2.81016	11.8197	3.73871	1
cg04089420	ADARB2	0.0802478	0.151812	0.452815	-2.20841	0.0805167	0.367795	-2.7189	0.0179562	0.226777	-4.40962	0.737484	1.18956	1.18956	0.0309329	0.270536	-3.69636	0.131763	0.431946	-2.3151	0.0394672	0.292563	-3.41807	0.0495374	0.314665	-3.17798	0.424682	0.6566	-1.523	2.81015	11.8496	3.7482	1
cg15834460	RAI1	0.0802478	0.546942	0.88228	-1.13343	0.10523	1.43865	1.43865	0.0396891	1.6302	1.6302	0.096268	1.45536	1.45536	0.0569443	1.55681	1.55681	0.248695	0.780556	-1.28114	0.657181	0.91231	-1.09612	0.130578	0.715007	-1.39859	0.227137	1.29761	1.29761	2.81015	1.87893	0.594332	1
cg05526804	ZNF41;ZNF41;ZNF41;ZNF41	0.080248	0.0286642	0.0203323	-49.1829	0.0285659	0.0202665	-49.3425	0.998004	1.00378	1.00378	0.247827	6.19271	6.19271	0.775134	1.54071	1.54071	0.0190321	0.0137854	-72.5406	0.929782	1.14226	1.14226	0.607332	2.18643	2.18643	0.894431	1.22185	1.22185	2.81015	101.368	32.0642	1
cg25699533	UBA52;UBA52	0.0802495	0.456143	1.17356	1.17356	0.00397357	2.26284	2.26284	0.998352	1.00044	1.00044	0.756736	1.06771	1.06771	0.12034	1.42658	1.42658	0.307013	1.2498	1.2498	0.981993	1.00477	1.00477	0.0963402	0.680449	-1.46962	0.727736	0.928953	-1.07648	2.81013	1.97886	0.625945	1
cg17346177	BEND6;BEND6;DST	0.0802522	0.0593321	1.24925	1.24925	0.509151	1.07252	1.07252	0.0403266	1.28097	1.28097	0.232714	0.877371	-1.13977	0.0311055	0.76758	-1.3028	0.347567	1.1064	1.1064	0.476668	0.92714	-1.07859	0.334293	1.10971	1.10971	0.459085	0.924217	-1.082	2.81009	0.486401	0.153859	1
cg01716465	MIR548H3	0.0802529	0.00535159	0.0581735	-17.19	0.661859	0.710898	-1.40667	0.0270442	0.131383	-7.61131	0.446558	0.547953	-1.82497	0.863963	1.14221	1.14221	0.579148	1.54403	1.54403	0.0726182	0.211603	-4.72584	0.386355	0.502315	-1.99078	0.191769	0.342501	-2.9197	2.81008	26.7567	8.46371	1
cg14127188	FCN2;FCN2	0.080255	0.0309674	0.304106	-3.28833	0.842719	1.09786	1.09786	0.902848	0.944227	-1.05907	0.625015	0.793351	-1.26048	0.0298219	0.300762	-3.32489	0.280368	0.590173	-1.69442	0.0125857	0.232649	-4.29832	0.26841	0.581739	-1.71898	0.0390869	0.325549	-3.07174	2.81005	9.8291	3.10919	1
cg26256011	C1orf74	0.080256	0.936099	0.990993	-1.00909	0.978712	0.996994	-1.00302	0.117993	1.21111	1.21111	0.557822	0.935306	-1.06917	0.693661	1.04568	1.04568	0.356337	1.11299	1.11299	0.0208924	0.73076	-1.36844	0.433277	0.913722	-1.09443	0.0152103	1.39991	1.39991	2.81003	0.566666	0.179252	1
cg20103701	FAM71E2	0.080257	0.50888	0.790574	-1.2649	0.398918	0.738711	-1.35371	0.454054	0.76534	-1.30661	0.566711	1.22516	1.22516	0.0593842	0.474111	-2.10921	0.528814	1.25077	1.25077	0.00343195	0.248093	-4.03075	0.426329	1.32955	1.32955	0.880777	1.05404	1.05404	2.81002	5.47282	1.73121	1
cg07464621	DPPA5	0.0802601	0.382327	0.578668	-1.72811	0.0167416	0.168145	-5.94723	0.0427992	0.240844	-4.15206	0.73818	0.814789	-1.22731	0.00851914	0.128754	-7.76676	0.286657	0.508878	-1.96511	0.0952099	0.326496	-3.06282	0.704776	0.792621	-1.26164	0.131322	0.369861	-2.70372	2.80997	16.5905	5.24811	1
cg16054502	HSPG2	0.0802627	0.861058	1.0348	1.0348	0.0146504	0.556126	-1.79815	0.126583	0.724224	-1.38079	0.745307	0.938346	-1.06571	0.0102352	0.53153	-1.88136	0.24005	0.786489	-1.27147	0.251117	0.791275	-1.26378	0.369462	1.19717	1.19717	0.204233	0.769829	-1.29899	2.80994	1.69643	0.536643	1
cg11838384	MACROD1	0.0802688	0.143496	0.785761	-1.27265	0.939975	1.01162	1.01162	0.326864	1.16795	1.16795	0.503631	1.10971	1.10971	0.112821	0.767415	-1.30308	0.933162	1.01295	1.01295	0.554013	0.912277	-1.09616	0.00512763	1.76316	1.76316	0.395578	1.14276	1.14276	2.80985	1.04691	0.331186	1
cg19489423	FAM129C;FAM129C	0.0802691	0.0788881	0.108453	-9.2206	0.308241	0.300995	-3.32232	0.268745	0.269451	-3.71125	0.812041	0.762461	-1.31154	0.0523893	0.081142	-12.3241	0.151048	0.173463	-5.76491	0.00792115	0.0207142	-48.2761	0.0245568	0.0474092	-21.093	0.092219	0.121238	-8.24826	2.80984	57.6792	18.2467	1
cg01430172	C11orf49;C11orf49;C11orf49;C11orf49	0.0802699	0.220717	0.807582	-1.23827	0.0106379	0.586752	-1.7043	0.833675	0.965697	-1.03552	0.580956	1.09696	1.09696	0.00892729	0.57569	-1.73705	0.248548	0.818549	-1.22167	0.235874	0.813673	-1.229	0.228601	0.810787	-1.23337	0.812318	1.04027	1.04027	2.80983	1.22622	0.387913	1
cg08243849	PUM1;PUM1	0.0802721	0.330528	0.843722	-1.18523	0.616429	1.08923	1.08923	0.536784	1.11166	1.11166	0.137241	1.31115	1.31115	0.112847	0.746704	-1.33922	0.832546	1.03648	1.03648	0.0304466	0.650195	-1.538	0.0233673	1.58175	1.58175	0.568121	0.906971	-1.10257	2.8098	1.27467	0.403244	1
cg14599904	TMEM134;TMEM134;TMEM134	0.0802756	0.248708	0.741268	-1.34904	0.0472141	0.569033	-1.75737	0.152498	1.46306	1.46306	0.33293	0.780358	-1.28146	0.499674	0.843549	-1.18547	0.0633415	1.67949	1.67949	0.0476925	1.75464	1.75464	0.274615	0.754084	-1.32611	0.64291	0.890535	-1.12292	2.80975	2.74369	0.867989	1
cg16415724	SLC30A5;SLC30A5	0.0802758	0.877361	0.982213	-1.01811	0.0498385	0.771058	-1.29692	0.195174	0.852792	-1.17262	0.941103	0.991449	-1.00862	0.294239	1.13477	1.13477	0.0658577	1.27107	1.27107	0.0595009	0.780985	-1.28043	0.037613	0.75555	-1.32354	0.400523	0.904827	-1.10518	2.80975	0.601061	0.190151	1
cg14017611	SART1	0.0802775	0.141653	0.7531	-1.32784	0.594023	0.907979	-1.10135	0.0510533	0.671177	-1.48992	0.583995	0.905544	-1.10431	0.0186874	1.66769	1.66769	0.129688	1.34144	1.34144	0.346336	1.19007	1.19007	0.602636	1.09883	1.09883	0.268329	0.813119	-1.22983	2.80972	1.43273	0.453259	1
cg15503722	BSX	0.0802775	0.96113	1.0349	1.0349	0.148877	2.97358	2.97358	0.0592444	4.47791	4.47791	0.114964	3.34192	3.34192	0.580896	0.675351	-1.48071	0.559577	1.51488	1.51488	0.33071	0.493361	-2.02691	0.00506767	13.5771	13.5771	0.49596	1.62685	1.62685	2.80972	22.0506	6.97596	1
cg15977002	TPO;TPO;TPO;TPO	0.0802777	0.238185	1.48791	1.48791	0.820552	1.07581	1.07581	0.587035	0.838296	-1.1929	0.23858	0.672329	-1.48737	0.766894	0.908816	-1.10033	0.42091	0.767625	-1.30272	0.680432	1.14248	1.14248	0.00210177	0.248734	-4.02036	0.838985	0.936659	-1.06762	2.80972	4.60327	1.4563	1
cg16278329	SYNGAP1	0.0802782	0.339834	0.817446	-1.22332	0.763302	0.93999	-1.06384	0.193251	0.754196	-1.32592	0.463375	0.858181	-1.16526	0.00403866	0.453286	-2.20611	0.157728	1.36277	1.36277	0.0745402	0.665596	-1.50241	0.799406	0.949162	-1.05356	0.271395	0.790878	-1.26442	2.80971	1.86832	0.591066	1
cg05961707	NT5C2;NT5C2	0.0802783	0.50384	1.1338	1.1338	0.369272	0.843074	-1.18614	0.1478	0.750167	-1.33304	0.518898	0.885985	-1.12869	0.0043778	0.494342	-2.02289	0.616471	1.09799	1.09799	0.370847	1.18543	1.18543	0.236647	0.794899	-1.25802	0.0841854	0.702094	-1.42431	2.80971	1.52499	0.482452	1
cg21516044	CPE	0.080279	0.48615	0.676436	-1.47834	0.0611393	3.20805	3.20805	0.0355177	3.86542	3.86542	0.123316	2.51471	2.51471	0.12388	0.398303	-2.51065	0.6009	1.33853	1.33853	0.117744	2.55601	2.55601	0.0357763	3.8558	3.8558	0.543533	1.40448	1.40448	2.8097	13.5796	4.29611	1
cg16905506	EFNA4;EFNA4;EFNA4	0.0802796	0.0573198	0.284122	-3.51961	0.661065	1.2946	1.2946	0.80292	1.15759	1.15759	0.780098	1.17797	1.17797	0.95131	1.03638	1.03638	0.646237	0.763023	-1.31058	0.0169256	0.181798	-5.5006	0.0202511	5.14648	5.14648	0.744762	0.82599	-1.21067	2.80969	15.2403	4.82151	1
cg10763288	DHCR7;DHCR7	0.0802808	0.354525	1.33718	1.33718	0.0964227	1.74512	1.74512	0.00575133	3.01667	3.01667	0.127543	1.65311	1.65311	0.823681	0.934189	-1.07045	0.818241	0.932188	-1.07274	0.7716	1.09285	1.09285	0.0342629	2.12436	2.12436	0.100269	1.73204	1.73204	2.80968	4.14103	1.31008	1
cg20071884	KIAA1210	0.0802832	0.0567737	2.94396	2.94396	0.0735104	2.71617	2.71617	0.0516186	3.03242	3.03242	0.356741	1.60748	1.60748	0.182886	0.492733	-2.0295	0.112268	2.37712	2.37712	0.0299619	3.59224	3.59224	0.0727338	2.7252	2.7252	0.276841	1.76191	1.76191	2.80964	11.1592	3.53044	1
cg25339612	ENC1	0.0802861	0.316702	3.28982	3.28982	0.126138	6.71137	6.71137	0.0356933	16.6473	16.6473	0.0888201	8.66542	8.66542	0.501633	0.456315	-2.19147	0.292419	3.51359	3.51359	0.770324	1.40045	1.40045	0.0124365	35.823	35.823	0.0290043	19.3192	19.3192	2.8096	58.8938	18.6326	1
cg09098025	CHMP7	0.0802866	0.0404128	0.275768	-3.62624	0.178755	0.459628	-2.17567	0.0299851	0.249245	-4.01212	0.122849	0.402642	-2.4836	0.0816801	0.349948	-2.85757	0.0905181	0.362433	-2.75913	0.013281	0.18831	-5.3104	0.0503236	0.296984	-3.36718	0.231764	0.50535	-1.97883	2.80959	13.1767	4.1688	1
cg03353000	ST13;XPNPEP3	0.0802881	0.197078	1.18392	1.18392	0.0537318	0.762484	-1.3115	0.403655	0.899606	-1.1116	0.260158	1.15651	1.15651	0.0439946	1.33182	1.33182	0.0348199	1.35601	1.35601	0.283064	0.871025	-1.14807	0.770463	0.964428	-1.03688	0.443453	1.10157	1.10157	2.80957	0.682015	0.215775	1
cg15480056	PKDREJ;PKDREJ	0.0802914	0.26187	0.701263	-1.426	0.354386	0.749015	-1.33509	0.424634	1.28059	1.28059	0.0403664	0.487605	-2.05084	0.0861511	0.562636	-1.77735	0.948982	1.0196	1.0196	0.0127327	0.391058	-2.55717	0.922993	0.971099	-1.02976	0.0281269	0.455425	-2.19575	2.80952	4.09376	1.2952	1
cg11249998	NME2;NME2;NME1-NME2;NME2;NME2;NME2	0.0802935	0.00422064	0.472788	-2.11511	0.40546	0.846681	-1.18108	0.690989	0.924845	-1.08126	0.62101	0.907145	-1.10236	0.0229039	0.587292	-1.70273	0.0813895	0.685418	-1.45896	0.764723	0.942999	-1.06045	0.370703	0.835488	-1.19691	0.0994832	0.70253	-1.42343	2.80949	1.70132	0.538278	1
cg22777979	B3GAT1;B3GAT1	0.080294	0.648098	0.796593	-1.25535	0.689964	1.2195	1.2195	0.00540727	0.163335	-6.1224	0.0548131	2.93842	2.93842	0.336817	0.612576	-1.63245	0.53847	0.734749	-1.36101	0.543637	0.737699	-1.35557	0.279846	1.74364	1.74364	0.712674	1.20088	1.20088	2.80949	10.8979	3.44797	1
cg19924947	SUCLG1;SUCLG1	0.0802965	0.870585	0.967228	-1.03388	0.708295	0.926065	-1.07984	0.00571362	2.09724	2.09724	0.459441	1.16642	1.16642	0.41259	1.18673	1.18673	0.257086	1.27344	1.27344	0.0470911	0.628524	-1.59103	0.41575	0.84367	-1.1853	0.863534	1.03578	1.03578	2.80945	1.85841	0.587987	1
cg07719142	WDR70	0.0802974	0.0133489	0.118785	-8.41857	0.0587563	0.226754	-4.41007	0.0642475	0.235682	-4.243	0.873444	0.895116	-1.11717	0.0543775	0.219295	-4.56006	0.227068	0.414166	-2.41449	0.17923	0.370944	-2.69582	0.0527762	0.216484	-4.61928	0.0391453	0.190287	-5.25521	2.80944	21.4976	6.80172	1
cg25962992	PAPOLG	0.0803008	0.0547688	0.358982	-2.78565	0.554412	0.754869	-1.32473	0.664033	0.814223	-1.22817	0.0754884	2.53593	2.53593	0.0476733	0.344728	-2.90084	0.310688	1.63769	1.63769	0.136469	0.470261	-2.12648	0.120756	2.20632	2.20632	0.29085	0.597215	-1.67444	2.80939	9.84016	3.11342	1
cg13731311	LCN10	0.0803009	0.0264647	0.390783	-2.55896	0.0948663	0.519192	-1.92607	0.0529304	0.455884	-2.19354	0.664691	1.16852	1.16852	0.0426757	0.434627	-2.30082	0.232342	0.639369	-1.56404	0.0178584	0.357677	-2.79582	0.138526	0.565827	-1.76732	0.208502	0.622828	-1.60558	2.80939	5.674	1.79525	1
cg05896465	NUP50;NUP50	0.080302	0.63187	0.92867	-1.07681	0.0299473	0.676021	-1.47924	0.0139984	1.59235	1.59235	0.790901	1.04158	1.04158	0.856981	0.972722	-1.02804	0.316988	0.853346	-1.17186	0.610925	1.08184	1.08184	0.784386	1.04294	1.04294	0.0702735	1.36371	1.36371	2.80937	1.04576	0.33088	1
cg27222803	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.0803022	0.385099	0.767208	-1.30343	0.655168	0.874791	-1.14313	0.233687	1.45	1.45	0.293053	0.722813	-1.38348	0.0115046	0.390359	-2.56175	0.293516	1.38302	1.38302	0.0549098	0.52318	-1.91139	0.227652	1.45773	1.45773	0.406209	1.28772	1.28772	2.80937	3.94047	1.24677	1
cg12222277	SKI	0.0803023	0.164117	0.391999	-2.55103	0.0633665	3.73222	3.73222	0.12641	2.83769	2.83769	0.918444	1.06674	1.06674	0.0363961	0.215605	-4.6381	0.164458	2.54885	2.54885	0.0688014	3.61353	3.61353	0.352553	1.82839	1.82839	0.937071	1.05107	1.05107	2.80937	17.704	5.60159	1
cg14581803	FTCD;FTCD	0.0803039	0.122233	0.561101	-1.78221	0.219497	0.640526	-1.56122	0.0272153	0.405872	-2.46383	0.197177	0.624781	-1.60056	0.0122818	0.340974	-2.93277	0.143347	0.581264	-1.72039	0.0511175	0.464701	-2.15192	0.543812	1.23613	1.23613	0.0977693	0.534344	-1.87145	2.80934	5.29584	1.67563	1
cg17239796	C1orf124;C1orf124;EXOC8	0.0803046	0.988246	0.998463	-1.00154	0.511736	0.932882	-1.07195	0.712809	0.962138	-1.03935	0.503563	1.07344	1.07344	0.00664185	1.44451	1.44451	0.806902	0.974758	-1.0259	0.140444	0.847419	-1.18005	0.179381	0.861661	-1.16055	0.0900275	1.2154	1.2154	2.80933	0.484952	0.153442	1
cg25484790	MCAM	0.0803074	0.0428745	0.505061	-1.97996	0.578661	0.848384	-1.17871	0.0804382	0.566464	-1.76534	0.378451	1.30324	1.30324	0.0989113	0.588435	-1.69942	0.0357782	0.488683	-2.04632	0.0168397	0.42537	-2.3509	0.826107	1.06662	1.06662	0.871876	0.953795	-1.04844	2.80929	3.82224	1.2094	1
cg02734408	IGF1R	0.0803088	0.689534	0.85482	-1.16984	0.0535301	0.424625	-2.35502	0.0540052	0.425536	-2.34997	0.964066	0.982555	-1.01775	0.00446333	0.227305	-4.39938	0.640699	0.832254	-1.20156	0.453617	1.34745	1.34745	0.967181	1.0162	1.0162	0.253237	0.627426	-1.59381	2.80927	6.78942	2.14826	1
cg01630869	CDC42EP2	0.0803091	0.741193	1.04854	1.04854	0.471143	1.11053	1.11053	0.0251048	1.46381	1.46381	0.797715	1.03742	1.03742	0.512671	1.09962	1.09962	0.126969	0.789722	-1.26627	0.0985757	0.771773	-1.29572	0.378155	1.13806	1.13806	0.0216201	1.48361	1.48361	2.80927	0.910074	0.287959	1
cg02438591	TRAF7;SNORD60	0.0803096	0.607893	0.912374	-1.09604	0.158449	1.30623	1.30623	0.452833	1.14513	1.14513	0.920475	1.01785	1.01785	0.176151	0.775037	-1.29026	0.957475	0.990595	-1.00949	0.00712851	0.540181	-1.85123	0.0451153	0.6654	-1.50286	0.669148	1.07915	1.07915	2.80926	1.39707	0.442053	1
cg05093836	C6orf134	0.0803106	0.941604	0.985687	-1.01452	0.787445	1.05462	1.05462	0.962852	0.990877	-1.00921	0.276853	1.24928	1.24928	0.214885	1.29294	1.29294	0.0986006	1.42821	1.42821	0.00403921	0.467727	-2.138	0.749181	0.938827	-1.06516	0.871775	1.0323	1.0323	2.80925	1.72294	0.545166	1
cg20597403	SDK1;SDK1	0.0803129	0.638286	1.13359	1.13359	0.00945554	2.38904	2.38904	0.213657	1.41446	1.41446	0.869982	0.957548	-1.04433	0.248448	1.37641	1.37641	0.14954	1.50559	1.50559	0.00861016	2.42828	2.42828	0.105226	1.59799	1.59799	0.476215	1.21146	1.21146	2.80921	3.11986	0.987185	1
cg00458210	HIST2H2AC;HIST2H2BE	0.0803145	0.804489	0.806689	-1.23964	?	?	?	0.416866	2.05165	2.05165	0.161552	0.273953	-3.65025	0.548168	1.69266	1.69266	0.953102	1.05226	1.05226	0.439025	0.504794	-1.98101	0.00346744	0.0321732	-31.0818	0.457659	1.92528	1.92528	2.8438	30.0328	10.5608	1
cg23189739	ANKRD33;ANKRD33	0.0803152	0.547879	1.21666	1.21666	0.00627496	3.15293	3.15293	0.030696	2.26742	2.26742	0.384803	1.3329	1.3329	0.249815	1.47382	1.47382	0.259967	1.46074	1.46074	0.0258876	2.34667	2.34667	0.0921744	1.81811	1.81811	0.231184	1.49934	1.49934	2.80918	4.62719	1.46415	1
cg02640489	PNKD;TMBIM1	0.0803167	0.305424	0.640254	-1.56188	0.940775	0.969263	-1.03171	0.256195	0.607755	-1.6454	0.0787594	0.440309	-2.27113	0.15185	0.524623	-1.90613	0.176964	0.547171	-1.82758	0.00310638	0.18274	-5.47227	0.883033	1.06381	1.06381	0.0820075	0.445011	-2.24713	2.80916	7.85439	2.48533	1
cg24482053	MLH3;MLH3	0.0803195	0.206431	0.852312	-1.17328	0.830699	1.02601	1.02601	0.00260715	1.64882	1.64882	0.733417	0.959834	-1.04185	0.480899	1.08972	1.08972	0.981717	0.997256	-1.00275	0.871935	1.01953	1.01953	0.182288	1.185	1.185	0.215876	1.16904	1.16904	2.80912	0.639759	0.202439	1
cg13472406	TRIM17;TRIM17;TRIM17;TRIM17	0.0803204	0.0563639	0.548577	-1.8229	0.665714	1.12839	1.12839	0.253602	0.717976	-1.3928	0.472421	0.816196	-1.2252	0.00671152	0.376447	-2.65641	0.0210008	0.462286	-2.16316	0.31289	0.748206	-1.33653	0.518448	0.833667	-1.19952	0.120352	0.626127	-1.59712	2.80911	3.43567	1.08715	1
cg14953804	DIP2B	0.0803208	0.644029	0.862068	-1.16	0.20667	0.653881	-1.52933	0.0256779	0.429417	-2.32874	0.89462	0.958608	-1.04318	0.343954	1.36474	1.36474	0.795605	0.920531	-1.08633	0.0106694	2.78403	2.78403	0.446863	0.780903	-1.28057	0.41043	0.764523	-1.30801	2.8091	4.52673	1.4324	1
cg03623097	ARMS2	0.0803219	0.163328	1.36235	1.36235	0.238119	0.773509	-1.29281	0.152568	0.727278	-1.37499	0.207015	1.3186	1.3186	0.579322	0.890134	-1.12343	0.0387318	0.608058	-1.64458	0.0397654	1.63899	1.63899	0.186307	0.74737	-1.33803	0.691911	0.920556	-1.0863	2.80908	1.92171	0.608095	1
cg03497477	HRNBP3	0.0803221	0.366884	0.70491	-1.41862	0.704073	0.865925	-1.15483	0.681138	0.855675	-1.16867	0.713379	1.14932	1.14932	0.121668	0.531013	-1.88319	0.358654	0.700422	-1.42771	0.00207391	0.194832	-5.13262	0.199298	0.59953	-1.66797	0.575399	1.23798	1.23798	2.80908	6.33126	2.00343	1
cg15679144	PC;PC	0.0803229	0.572498	0.874229	-1.14387	0.00908119	0.457775	-2.18448	0.584717	0.878032	-1.13891	0.659553	0.900787	-1.11014	0.205072	0.729693	-1.37044	0.0116596	0.475699	-2.10217	0.232359	0.744389	-1.34338	0.734279	1.08361	1.08361	0.342398	1.2593	1.2593	2.80907	2.47137	0.782029	1
cg12195273	CYTSB;CYTSB;CYTSB;CYTSB	0.0803235	0.425081	1.12208	1.12208	0.133294	1.25736	1.25736	0.208348	0.828971	-1.20631	0.256216	1.18246	1.18246	0.0916821	1.30032	1.30032	0.00914433	1.59708	1.59708	0.487737	0.905114	-1.10483	0.238654	0.839857	-1.19068	0.820008	0.968285	-1.03275	2.80906	0.889667	0.281523	1
cg10721782	RHCG	0.080325	0.0672281	4.81895	4.81895	0.0239016	7.89596	7.89596	0.0716875	4.67332	4.67332	0.169952	3.0671	3.0671	0.525938	1.63678	1.63678	0.0684399	4.77801	4.77801	0.0259098	7.59542	7.59542	0.027268	7.41136	7.41136	0.0995713	3.99066	3.99066	2.80904	26.1527	8.27573	1
cg25203856	NLRP14	0.0803261	0.516553	0.884265	-1.13088	0.488934	1.1405	1.1405	0.0731549	0.688168	-1.45313	0.120018	0.729483	-1.37083	0.438531	0.862629	-1.15925	0.474184	1.14582	1.14582	0.0108741	1.81846	1.81846	0.222209	0.786694	-1.27114	0.327843	0.827881	-1.2079	2.80902	1.55595	0.492365	1
cg16736889	ACSM5	0.0803264	0.178868	0.761431	-1.31332	0.379612	0.841959	-1.18771	0.409825	0.851401	-1.17453	0.00411357	0.479715	-2.08457	0.793192	0.951091	-1.05142	0.360247	1.19664	1.19664	0.162641	1.32907	1.32907	0.200966	0.77277	-1.29405	0.383871	0.843316	-1.18579	2.80902	1.62055	0.512808	1
cg05240570	PDE4A;PDE4A;PDE4A	0.0803289	0.116786	0.452906	-2.20796	0.32664	1.60116	1.60116	0.145699	2.06701	2.06701	0.222116	0.550763	-1.81566	0.150663	0.488697	-2.04626	0.743995	1.16453	1.16453	0.349302	1.56495	1.56495	0.828609	1.10603	1.10603	0.0106045	4.45449	4.45449	2.80898	9.61235	3.04178	1
cg03382346	ZNF611;ZNF611;ZNF611;ZNF611	0.0803316	0.0813263	0.672964	-1.48596	0.0120592	1.89969	1.89969	0.912823	1.0227	1.0227	0.589628	0.894385	-1.11809	0.969775	1.0078	1.0078	0.0300555	0.59272	-1.68714	0.485197	0.864693	-1.15648	0.448245	1.17166	1.17166	0.68895	0.920832	-1.08597	2.80894	1.86921	0.591509	1
cg26316702	TEKT4	0.0803331	0.016823	0.272211	-3.67362	0.0155477	0.266177	-3.7569	0.121633	0.473063	-2.11388	0.204308	0.550171	-1.81762	0.0219856	0.293578	-3.40625	0.147186	0.499647	-2.00142	0.111271	0.461255	-2.168	0.173828	0.524447	-1.90677	0.188825	0.537408	-1.86078	2.80892	8.85158	2.8011	1
cg06418907	ALOX12B	0.0803332	0.87927	0.904896	-1.1051	0.535607	1.51051	1.51051	0.146786	2.78393	2.78393	0.311435	1.99075	1.99075	0.266762	0.467327	-2.13983	0.627008	1.37984	1.37984	0.0107573	8.22293	8.22293	0.0206353	6.25117	6.25117	0.355431	0.535266	-1.86823	2.80892	19.2303	6.08547	1
cg09013626	RYBP	0.0803338	0.299633	1.11125	1.11125	0.0100128	0.719291	-1.39026	0.028289	0.771447	-1.29627	0.718797	0.965303	-1.03594	0.106885	0.840162	-1.19025	0.86118	0.983059	-1.01723	0.064724	0.813664	-1.22901	0.583207	0.947275	-1.05566	0.752915	1.03132	1.03132	3.00702	0.444105	0.11487	1
cg24499462	CSNK1A1P;C15orf41;C15orf41	0.0803341	0.394213	0.850053	-1.1764	0.304297	0.82033	-1.21902	0.00753074	0.527199	-1.89682	0.277972	1.2337	1.2337	0.1613	0.756931	-1.32113	0.053321	0.664553	-1.50477	0.33236	1.20462	1.20462	0.46085	1.15	1.15	0.807162	0.955496	-1.04658	2.80891	1.54167	0.487867	1
cg15901963	PDGFA;PDGFA	0.0803349	0.0399588	0.211412	-4.73009	0.109194	0.318797	-3.13679	0.0390971	0.209546	-4.77223	0.321503	0.511538	-1.95489	0.0235637	0.170374	-5.86942	0.112823	0.323155	-3.09449	0.0386846	0.208643	-4.79287	0.0686904	0.263524	-3.79472	0.0485025	0.228737	-4.37183	2.8089	19.0561	6.0304	1
cg24550010	DNAJC6	0.080338	0.220007	0.749856	-1.33359	0.0156649	1.9373	1.9373	0.151495	1.40923	1.40923	0.217107	0.748353	-1.33627	0.157103	0.71336	-1.40182	0.428965	1.19751	1.19751	0.486461	0.853981	-1.17099	0.217232	0.748419	-1.33615	0.206616	1.34627	1.34627	2.80885	2.21663	0.701474	1
cg01130580	IPO5	0.080339	0.532946	1.11721	1.11721	0.95704	1.0095	1.0095	0.774789	0.9509	-1.05164	0.252329	0.810697	-1.23351	0.00263095	0.481557	-2.0766	0.148825	0.76205	-1.31225	0.272446	1.22199	1.22199	0.73267	0.9416	-1.06202	0.881529	1.02652	1.02652	2.80884	1.37026	0.433636	1
cg15580417	KCNJ9	0.0803416	0.174864	2.52067	2.52067	0.223953	2.26717	2.26717	0.172494	2.53522	2.53522	0.14299	2.74176	2.74176	0.0527584	4.09855	4.09855	0.145578	2.72146	2.72146	0.151206	0.373283	-2.67893	0.0331253	4.93307	4.93307	0.0286171	5.2302	5.2302	2.8088	18.2607	5.7789	1
cg06093379	WNT3;WNT3	0.0803441	0.025314	0.351673	-2.84355	0.130659	1.89936	1.89936	0.761682	1.12698	1.12698	0.249222	0.622932	-1.60531	0.309725	0.661576	-1.51154	0.824548	0.916433	-1.09119	0.81802	1.09481	1.09481	0.474722	1.3307	1.3307	0.0174082	3.12023	3.12023	2.80876	6.87122	2.17453	1
cg19636366	ZNF627;ZNF627	0.0803471	0.494639	1.18835	1.18835	0.0211596	0.501725	-1.99312	0.405706	1.23574	1.23574	0.0296391	0.528827	-1.89098	0.680752	0.902178	-1.10843	0.0533722	0.579223	-1.72645	0.148833	0.68027	-1.47001	0.0647819	0.596842	-1.67549	0.339408	0.782694	-1.27764	2.80872	2.75429	0.871665	1
cg23289581	RTN4RL1	0.0803485	0.574911	0.750272	-1.33285	0.265693	0.555376	-1.80058	0.935704	0.959915	-1.04176	0.818654	1.1235	1.1235	0.0815672	0.375762	-2.66126	0.657974	1.25347	1.25347	0.00220456	0.113507	-8.80999	0.449048	0.676271	-1.4787	0.225814	0.524692	-1.90588	2.8087	11.4369	3.61953	1
cg04672275	OSBPL5;OSBPL5;OSBPL5	0.0803503	0.581855	1.3659	1.3659	0.0193346	4.8837	4.8837	0.0131805	5.60094	5.60094	0.410806	1.60244	1.60244	0.453028	0.651442	-1.53506	0.536015	1.42097	1.42097	0.454612	1.53267	1.53267	0.137947	0.408381	-2.4487	0.470991	0.662908	-1.50851	2.80867	13.9817	4.42491	1
cg20976019	KSR1	0.0803522	0.715512	1.06113	1.06113	0.724685	0.944293	-1.05899	0.539099	1.10605	1.10605	0.788617	1.04452	1.04452	0.496173	0.894043	-1.11851	0.0089758	1.71365	1.71365	0.0773217	1.37481	1.37481	0.815094	0.962739	-1.0387	0.0393307	0.679463	-1.47175	2.80865	1.16875	0.369889	1
cg04012082	CACNA2D4	0.0803527	0.634044	1.15789	1.15789	0.0275464	2.21811	2.21811	0.0799182	1.8112	1.8112	0.206445	1.50283	1.50283	0.752345	1.10161	1.10161	0.00545615	3.05673	3.05673	0.259128	1.43316	1.43316	0.641795	1.15397	1.15397	0.0511025	1.97208	1.97208	2.80864	4.15663	1.31551	1
cg23158731	COL14A1	0.080353	0.0882056	12.2219	12.2219	0.250524	4.94133	4.94133	0.46631	2.68158	2.68158	0.310026	4.04602	4.04602	0.147385	0.126368	-7.91341	0.741438	0.643673	-1.55358	0.0254196	34.2806	34.2806	0.0136903	57.778	57.778	0.954722	0.927234	-1.07848	2.80863	78.7526	24.924	1
cg22446331	GATA6	0.0803541	0.0168993	1.56614	1.56614	0.057151	0.717997	-1.39276	0.26831	1.19422	1.19422	0.627086	0.927402	-1.07828	0.935106	1.01261	1.01261	0.792886	0.960301	-1.04134	0.363633	1.15456	1.15456	0.0668383	1.37204	1.37204	0.0861114	1.33902	1.33902	2.80862	1.05414	0.333622	1
cg15501381	NGB	0.0803556	0.0665826	3.1407	3.1407	0.00867063	6.43268	6.43268	0.230346	2.01398	2.01398	0.256911	1.93153	1.93153	0.107054	2.66116	2.66116	0.134974	2.45105	2.45105	0.0163332	5.12113	5.12113	0.0955866	2.76923	2.76923	0.153995	2.33752	2.33752	2.8086	13.7684	4.35755	1
cg03309399	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.0803557	0.69534	1.2594	1.2594	0.180835	2.29932	2.29932	0.870972	1.09994	1.09994	0.251247	2.01869	2.01869	0.660041	1.29613	1.29613	0.197042	0.449693	-2.22374	0.00361254	0.0994274	-10.0576	0.821788	0.876162	-1.14134	0.491085	0.663748	-1.5066	2.8086	15.2748	4.83431	1
cg16192746	FBXO21;FBXO21	0.0803639	0.309741	0.860829	-1.16167	0.126169	1.26606	1.26606	0.00426803	0.579795	-1.72475	0.83783	0.971205	-1.02965	0.837382	0.971125	-1.02973	0.619743	0.931168	-1.07392	0.216862	1.20352	1.20352	0.192332	0.821407	-1.21742	0.680471	0.942672	-1.06081	2.80848	0.904091	0.286147	1
cg18395636	RAB38	0.0803652	0.166732	0.251617	-3.97429	0.045877	0.117432	-8.51555	0.781274	1.2976	1.2976	0.361044	0.415283	-2.408	0.273655	0.344316	-2.90431	0.190659	0.273355	-3.65825	0.0536083	0.128556	-7.77868	0.0283942	11.2619	11.2619	0.591819	1.65963	1.65963	2.80846	38.9634	12.3321	1
cg02632362	EDARADD;EDARADD	0.0803673	0.032506	0.407179	-2.45592	0.120678	1.82988	1.82988	0.982588	1.00787	1.00787	0.0815526	0.500047	-1.99981	0.334034	0.699284	-1.43004	0.212083	0.623821	-1.60302	0.0509263	0.450088	-2.22179	0.102003	0.525946	-1.90134	0.0565218	0.460672	-2.17074	2.80843	5.73275	1.81446	1
cg06173216	MAL2	0.080368	0.559196	0.765726	-1.30595	0.983293	1.00951	1.00951	0.0581818	0.379986	-2.63168	0.175877	0.521806	-1.91642	0.233324	0.568484	-1.75906	0.27318	0.597253	-1.67433	0.00398417	0.173859	-5.75179	0.265953	1.6886	1.6886	0.324794	0.631561	-1.58338	2.80842	9.08572	2.87571	1
cg13678371	PAX9	0.0803726	0.785765	0.819944	-1.2196	0.842852	1.15561	1.15561	0.868311	1.12852	1.12852	0.489	1.66886	1.66886	0.438161	0.56202	-1.7793	0.554733	0.647043	-1.54549	0.0202057	7.69688	7.69688	0.00521484	14.6683	14.6683	0.347451	2.02362	2.02362	2.80835	23.6135	7.47406	1
cg16583598	SEMA6B	0.0803757	0.282493	1.34626	1.34626	0.929324	0.976658	-1.0239	0.281426	1.34722	1.34722	0.219015	0.708809	-1.41082	0.913629	0.971527	-1.02931	0.645317	1.13133	1.13133	0.0185654	0.467678	-2.13822	0.11178	0.630595	-1.5858	0.0196237	0.472069	-2.11834	2.80831	3.15275	0.997911	1
cg06081557	CAMTA1	0.080379	0.225241	0.720427	-1.38806	0.264844	0.741423	-1.34876	0.202763	0.707381	-1.41367	0.319511	0.767323	-1.30323	0.00924785	0.427219	-2.34072	0.730461	1.09312	1.09312	0.111329	1.56289	1.56289	0.262056	0.740015	-1.35132	0.0482955	0.559356	-1.78777	2.80826	2.94801	0.933124	1
cg21194341	POMZP3;LOC100133091;POMZP3	0.0803805	0.0143369	0.579688	-1.72507	0.493809	1.13371	1.13371	0.966457	0.992434	-1.00762	0.0431201	0.656878	-1.52235	0.452083	0.870788	-1.14839	0.806026	0.95654	-1.04543	0.186888	0.776726	-1.28745	0.0681065	1.44623	1.44623	0.448234	1.14979	1.14979	2.80824	1.45068	0.459181	1
cg22515010	VPS53;VPS53	0.0803814	0.32577	0.883785	-1.1315	0.138095	1.2146	1.2146	0.106293	0.806738	-1.23956	0.764052	0.96401	-1.03733	0.647712	1.05762	1.05762	0.189832	1.18422	1.18422	0.00566805	1.55568	1.55568	0.700069	1.04826	1.04826	0.793351	0.968539	-1.03248	2.80823	0.659379	0.208714	1
cg27214774	FAM65C	0.0803851	0.0373748	3.96323	3.96323	0.0375146	3.95798	3.95798	0.0325838	4.16094	4.16094	0.32181	1.79215	1.79215	0.837801	0.88973	-1.12394	0.0346306	4.07189	4.07189	0.628442	1.32043	1.32043	0.054827	3.46041	3.46041	0.0605608	3.34062	3.34062	2.80817	14.4505	4.57411	1
cg18586851	COMMD7;COMMD7	0.0803854	0.81377	0.958706	-1.04307	0.80892	1.04425	1.04425	0.501217	0.885154	-1.12975	0.86214	1.03155	1.03155	0.0443702	0.66188	-1.51085	0.112694	1.36147	1.36147	0.0175932	1.67565	1.67565	0.0493757	1.49303	1.49303	0.674043	1.07853	1.07853	2.80817	1.42033	0.449585	1
cg14582546	C20orf20	0.0803857	0.0473991	0.643766	-1.55336	0.962049	1.00928	1.00928	0.182298	1.31633	1.31633	0.383106	1.18966	1.18966	0.00631169	0.501259	-1.99498	0.509282	1.13882	1.13882	0.448607	0.860759	-1.16176	0.406458	0.84798	-1.17927	0.890528	1.0271	1.0271	2.80816	1.67678	0.530764	1
cg08492875	LOC151162;MGAT5	0.0803863	0.114659	0.511268	-1.95592	0.934243	1.03279	1.03279	0.853303	1.07506	1.07506	0.492323	1.31347	1.31347	0.00275422	0.198851	-5.0289	0.560924	0.794616	-1.25847	0.150813	0.547684	-1.82587	0.517704	0.773798	-1.29233	0.148215	0.545276	-1.83393	2.80815	6.79984	2.15241	1
cg26548410	ODF3L2	0.080388	0.282648	0.71476	-1.39907	0.0108123	0.381772	-2.61937	0.138712	0.619144	-1.61513	0.835345	1.06461	1.06461	0.0922678	0.572704	-1.7461	0.129231	1.63739	1.63739	0.400806	0.772065	-1.29523	0.687208	0.885366	-1.12948	0.0456542	0.501936	-1.99228	2.80813	4.024	1.27376	1
cg07389322	AMDHD1;CCDC38;CCDC38	0.0803906	0.0156285	0.672639	-1.48668	0.434462	1.11259	1.11259	0.883627	0.980595	-1.01979	0.203303	0.835554	-1.19681	0.212118	0.838751	-1.19225	0.209925	0.837965	-1.19337	0.00692436	0.626526	-1.5961	0.527614	0.917941	-1.08939	0.957577	1.00714	1.00714	2.80809	0.796052	0.251987	1
cg19958696	ACAT1	0.080394	?	?	?	0.0155932	11.3808	11.3808	0.0756805	4.93246	4.93246	0.689876	0.727163	-1.37521	0.0513769	6.03107	6.03107	?	?	?	0.824291	1.19309	1.19309	0.256701	0.38836	-2.57493	0.963591	0.964417	-1.0369	3.08097	23.406	7.59693	1
cg13688882	AKIRIN1;AKIRIN1	0.0803951	0.785303	1.07802	1.07802	0.0712597	1.74075	1.74075	0.0548897	1.82028	1.82028	0.182378	1.47605	1.47605	0.72178	1.10337	1.10337	0.0259507	2.06948	2.06948	0.120632	0.629304	-1.58906	0.128966	1.57049	1.57049	0.059332	1.79623	1.79623	2.80803	3.36643	1.06565	1
cg17806224	WIPF3	0.0803961	0.873983	0.9289	-1.07654	0.0604794	0.373937	-2.67425	0.420948	0.682282	-1.46528	0.0557975	0.365336	-2.7372	0.00731494	0.200492	-4.98774	0.0239633	0.286045	-3.49595	0.227663	0.555176	-1.80123	0.933464	1.03956	1.03956	0.494089	0.724202	-1.38083	2.80801	9.60299	3.03987	1
cg22041081	BEND3	0.0803966	0.712089	1.10347	1.10347	0.709585	1.10447	1.10447	0.347707	1.29282	1.29282	0.564675	1.16725	1.16725	0.0723227	0.587008	-1.70355	0.00725484	0.398496	-2.50943	0.15688	1.49508	1.49508	0.317313	1.31598	1.31598	0.515236	1.19156	1.19156	2.80801	3.13787	0.993307	1
cg09588888	ADAMTS16	0.0803975	0.991372	0.998103	-1.0019	0.361361	0.848072	-1.17915	0.500238	0.886764	-1.1277	0.856121	0.968627	-1.03239	0.233228	1.24548	1.24548	0.16922	1.29333	1.29333	0.00248272	2.09291	2.09291	0.867532	0.971107	-1.02975	0.755759	1.05633	1.05633	2.80799	1.37176	0.434239	1
cg15480137	SUGT1;SUGT1	0.0803993	0.067192	0.713576	-1.40139	0.080528	1.37558	1.37558	0.0174505	1.6097	1.6097	0.360523	1.16724	1.16724	0.226043	1.23261	1.23261	0.180245	1.26376	1.26376	0.184157	1.26081	1.26081	0.96205	1.00786	1.00786	0.310479	0.841442	-1.18844	2.80797	1.20353	0.38099	1
cg00096440	FBXL16	0.0804012	0.0394329	0.614803	-1.62654	0.287898	1.25268	1.25268	0.694202	0.922491	-1.08402	0.788014	1.05657	1.05657	0.943097	0.985531	-1.01468	0.0167486	1.81515	1.81515	0.565838	0.888243	-1.12582	0.0675905	0.658303	-1.51906	0.294198	1.24875	1.24875	2.80794	1.85392	0.586882	1
cg07543711	LBH	0.0804013	0.0108471	0.15239	-6.56209	0.723142	1.23266	1.23266	0.0777487	0.315752	-3.16704	0.642901	1.31596	1.31596	0.0129076	0.162817	-6.14186	0.908825	1.06969	1.06969	0.231902	0.478399	-2.09031	0.400723	0.603008	-1.65835	0.276579	0.514013	-1.94548	2.80794	15.3788	4.86837	1
cg02384481	HRK	0.0804024	0.233806	0.554983	-1.80186	0.0171785	3.93448	3.93448	0.81754	1.11518	1.11518	0.107349	2.29118	2.29118	0.245586	0.563891	-1.77339	0.981098	1.01124	1.01124	0.0393279	0.324755	-3.07925	0.904982	1.05795	1.05795	0.310445	0.609522	-1.64063	2.80792	9.89608	3.13275	1
cg08489410	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL;GHRLOS;GHRLOS;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS	0.0804028	0.0268446	0.288973	-3.46053	0.836621	1.10269	1.10269	0.364094	1.5551	1.5551	0.368269	0.645648	-1.54883	0.0171063	0.252601	-3.95882	0.101006	0.427302	-2.34027	0.129816	0.460836	-2.16997	0.311104	1.64235	1.64235	0.201136	0.527748	-1.89484	2.80792	9.96696	3.15519	1
cg16906456	SLC7A2;SLC7A2;SLC7A2	0.0804054	0.149662	1.2487	1.2487	0.758292	1.04538	1.04538	0.837711	0.970942	-1.02993	0.7917	0.962657	-1.03879	0.00938669	0.622784	-1.60569	0.464205	1.11306	1.11306	0.257576	0.843771	-1.18516	0.0399862	1.4068	1.4068	0.554799	0.917693	-1.08969	2.80788	0.919348	0.291037	1
cg11908570	KIAA0040;KIAA0040;KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.0804068	0.0240825	0.509602	-1.96232	0.234166	0.731613	-1.36684	0.947917	0.983764	-1.0165	0.0785953	0.612926	-1.63152	0.0326297	0.534446	-1.87109	0.148395	0.678114	-1.47468	0.056284	0.581804	-1.71879	0.476607	0.834144	-1.19883	0.168557	1.4443	1.4443	2.80786	2.79212	0.883906	1
cg19899621	ZNF561	0.0804076	0.638263	0.935987	-1.06839	0.624717	1.0713	1.0713	0.673713	1.06095	1.06095	0.698644	1.05585	1.05585	0.305398	1.15982	1.15982	0.646586	1.06662	1.06662	0.0085365	0.62573	-1.59813	0.290389	1.16566	1.16566	0.024424	1.45443	1.45443	2.80785	0.86791	0.274757	1
cg00360324	FNDC4	0.08041	0.252928	0.775554	-1.2894	0.093628	1.48064	1.48064	0.121154	0.69926	-1.43008	0.435951	0.844356	-1.18433	0.498675	0.863985	-1.15743	0.362208	0.819261	-1.22061	0.00958838	2.00994	2.00994	0.926934	0.980666	-1.01972	0.318453	0.802933	-1.24543	2.80781	2.01488	0.637866	1
cg21093060	TXLNA	0.0804103	0.0432262	0.700056	-1.42846	0.125625	0.777502	-1.28617	0.10672	0.765835	-1.30709	0.518305	1.10344	1.10344	0.0816125	0.745147	-1.34202	0.391253	0.876125	-1.14139	0.0835562	1.33892	1.33892	0.100804	0.76077	-1.31446	0.0644089	0.728053	-1.37353	3.00576	1.04844	0.271298	1
cg17628894	LRDD;LRDD;LRDD;LRDD	0.0804109	0.0139886	0.29033	-3.44436	0.0225525	0.328528	-3.04388	0.0968485	0.475835	-2.10157	0.130934	0.514476	-1.94372	0.0930049	0.470917	-2.12352	0.757309	0.881341	-1.13464	0.346456	0.673624	-1.48451	0.0220974	0.326814	-3.05984	0.232094	0.600078	-1.66645	2.8078	7.38443	2.33775	1
cg26303229	NTM	0.0804114	0.292681	1.39055	1.39055	0.016582	0.413224	-2.42	0.0240089	0.443479	-2.2549	0.294007	1.3892	1.3892	0.431585	1.27434	1.27434	0.228338	0.682591	-1.46501	0.290418	1.39287	1.39287	0.775852	1.09004	1.09004	0.763546	0.912909	-1.0954	2.80779	4.05617	1.2841	1
cg27514366	UBFD1;EARS2;EARS2	0.0804118	0.404008	0.861058	-1.16136	0.821264	0.961133	-1.04044	0.352692	1.18239	1.18239	0.984675	0.996641	-1.00337	0.860653	1.03126	1.03126	0.766934	0.949262	-1.05345	0.00156482	0.451092	-2.21684	0.809592	1.0432	1.0432	0.996585	1.00075	1.00075	2.80779	1.36481	0.432071	1
cg00371891	DPP9	0.0804119	0.175605	0.773269	-1.29321	0.549452	1.11419	1.11419	0.143297	1.3242	1.3242	0.597834	1.0997	1.0997	0.0944759	0.720237	-1.38843	0.0223698	0.613484	-1.63004	0.539626	0.895055	-1.11725	0.641503	1.08732	1.08732	0.054032	1.47763	1.47763	2.80779	1.41744	0.448733	1
cg05445097	DLG5	0.0804125	0.458534	1.16376	1.16376	0.0414019	0.623372	-1.60418	0.212532	0.76812	-1.30188	0.361604	1.20734	1.20734	0.541286	0.883161	-1.1323	0.139015	1.37706	1.37706	0.0163651	1.80331	1.80331	0.304674	0.807692	-1.2381	0.869971	0.96762	-1.03346	2.80778	1.79515	0.56831	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1113 vs. N)	Fold-Change(1113 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg09941507	TMEM208;LRRC29;LRRC29	0.080416	0.0810156	1.655316	0.655316	0.9370838	0.079632	-1.02079	0.183049	1.44482	0.122041	1.54944	0.544944	0.633748	1.13318	1.13318	0.0256864	0.501472	-1.99413	0.0563808	0.57045	-1.7033	0.828289	1.30059	0.3203	0.921957	0.974799	-1.02585	2.80773	3.01684	0.955092	1
cg12697067	SNORA24;C12orf41	0.080417	0.195261	2.062966	2.06966	0.608481	0.760075	-1.31566	0.807066	1.13874	1.13874	0.965198	1.02344	1.02344	0.0049278	0.138389	-7.22603		0.602144	1.32219	1.32219	0.598944	0.754428	-1.32551	0.300354	1.76802	1.76802	0.0650438	0.332873	-3.00415	2.80771	12.5376	3.96926	1
cg05340269	GD24	0.0804196	0.286044	0.593067	-1.68615	0.419693	0.677883	-1.47518	0.00930637	0.211037	-4.7385	0.0389084	0.323878	-3.08758	0.0804872	0.400844	-2.49474		0.755058	0.862801	-1.15902	0.652109	0.807391	-1.23856	0.0608766	0.369252	-2.70818	0.0261512	0.288159	-3.47031	2.80768	9.88748	3.1303	1
cg06636668	CD3EAP;CD3EAP;PPP1R13L;PPP1R13L	0.0804197	0.429074	1.18237	1.18237	0.770936	0.222064	2.02964	0.0453696	1.63016	1.63016	0.0238042	1.75034	1.75034	0.391237	1.19997	1.19997		0.486728	0.863597	-1.15795	0.348494	0.222176	1.22176	0.257645	1.2778	1.2778	0.143734	1.385309	0.367657	1.91491	0.606246	1
cg25441231	TMEM111	0.0804214	0.402542	0.895415	-1.11681	0.838847	1.02661	1.02661	0.184047	0.833842	-1.19927	0.27715	0.864938	-1.1569	0.225352	1.17844	1.17844		0.376472	1.12415	1.12415	0.053817	1.3262	1.3262	0.780106	0.964554	-1.03675	0.0090725	1.53354	1.53354	2.80765	0.739368	0.234081	1
cg22878627	MECOM	0.0804225	0.0546052	4.49295	4.49295	0.683476	1.32643	1.32643	0.791076	1.20077	1.20077	0.07307	3.9654	3.9654	0.29373	0.472117	-2.11812		0.212015	0.404159	-2.47427	0.867898	0.89162	-1.12155	0.00845051	10.1477	10.1477	0.709596	1.29405	1.29405	2.80763	21.1162	6.68533	1
cg16904399	PIP4K2A	0.0804245	0.060077	3.63943	3.36393	0.0097771	0.67454	1.43954	0.154131	2.39303	2.39303	0.0946886	2.85014	2.85014	0.0832495	2.99443	2.99443		0.11073	2.70191	2.70191	0.0100417	3.91695	3.91695	0.0476348	3.6353	3.6353	0.484576	1.50118	1.50118	2.8076	14.546	4.605267	1
cg09232918	CHD9	0.0804247	0.0132078	2.193557	2.193557	0.2394555	1.90923	1.90923	0.852567	1.0026	1.0026	0.850292	0.905565	1.10428	0.227271	0.253736	3.94111		0.620162	1.769289	-1.2999	0.0401269	1.24647	1.27847	0.104999	0.394548	-2.53454	0.0837959	0.369036	2.80766	2.70954	2.8076	12.2551	3.87998	1
cg22891287	HSP90;C10orf55	0.0804251	0.0630488	0.599514	-1.66802	0.81571	0.944475	-1.05879	0.941421	1.01814	1.01814	0.00520835	0.405714	-2.46479	0.598641	0.878126	-1.13879		0.0789958	0.619167	-1.61507	0.789115	1.06779	1.06779	0.46777	0.8346618	-1.19815	0.205936	1.38607	1.38607	2.8076	2.66224	0.842869	1
cg08201848	C5orf65	0.0804277	0.0618494	10.6992	10.6992	0.2432656	1.66582	1.66582	0.103285	2.61946	2.61946	0.0185453	1.63284	1.63284	0.0117487	2.58299	2.58299		0.303757	3.3218	3.3218	0.011111	5.56368	5.56368	0.0145252	17.1563	17.1563	0.0402269	14.4486	14.4486	2.80776	47.8834	17.8834	1
cg06676920	CCDC130;MIR1;MIR1 ARMC10;ARMC10;ARMC10;ARMC10;A RMC10;A	0.0804363	0.871112	0.932123	-1.07282	0.00406238	0.188273	-5.31145	0.844643	0.918577	-1.08864	0.815068	0.903548	-1.10675	0.457796	1.38723	1.38723		0.0572321	1.394071	-1.23762	0.475513	0.730441	-1.36904	0.198178	1.80168	1.80168	0.358066	1.664226	-1.50551	2.80743	8.33232	2.63818	1
cg02491787	RMC10;ARMC10	0.0804375	0.403622	0.642041	-1.55753	0.103029	0.396652	-2.5211	0.150419	0.449693	-2.22374	0.820982	1.12469	1.12469	0.0172697	0.222291	-4.4986		0.56395	0.739018	-1.35315	0.0260876	0.254396	-3.93088	0.127739	2.34857	2.34857	0.68586	1.2347	1.2347	2.80742	11.9523	3.78437	1
cg05716278	PFKFB3	0.0804418	0.0418228	2.274112	-3.64814	0.830143	0.888238	-1.12582	0.980915	1.01328	1.01328	0.680135	0.795562	-1.25697	0.0320609	0.250226	-3.99638		0.047486	2.863592	-3.49282	0.0450242	0.212638	-4.70283	0.131457	0.407245	-2.45552	0.280736	13.5321	4.28465	1
cg02438566	GNAO1;GNAO1	0.08045	0.0513241	2.688058	-1.45338	0.374703	0.840173	-1.09213	0.951349	1.03033	1.03033	0.467193	0.882793	-1.13277	0.0228169	0.633178	-1.58259		0.216607	1.2449	1.2449	0.0410564	1.48562	1.48562	0.296093	0.833436	-1.19985	0.856421	0.969942	-1.03099	2.80771	1.2647	0.39974	1
cg12465412	PCNXL2	0.0804471	0.0434319	0.291067	-3.43563	0.0181102	0.238635	-4.1905	0.256298	0.553485	-1.80673	0.814399	1.12456	1.12456	0.0844534	0.38567	-2.59289		0.378459	0.636933	-1.57002	0.0167323	0.23272	-4.29702	0.386822	0.642213	-1.55732	0.0668726	0.358604	-2.78859	0.80728	11.0799	3.50832	1
cg04139749	GSTZ1;GSTZ1;POMT2;GSTZ1	0.0804472	0.86353	0.959162	-1.04258	0.145833	1.46048	1.46048	0.0237891	1.92302	1.92302	0.804726	1.02203	1.02203	0.108021	1.5296	1.5296		0.779981	1.07023	1.07023	0.158855	1.44051	1.44051	0.00476516	2.47989	2.47989	0.62045	1.12861	1.12861	2.80728	2.61158	0.826923	1
cg02359414	NCOR2;NCOR2	0.0804476	0.121466	1.913185	1.83185	0.00451389	0.412084	1.41204	0.162557	1.56049	1.56049	0.541286	0.556537	-1.79615	0.137752	1.44286	1.44286		0.0519063	1.459059	1.34043	0.0170444	0.448547	1.35378	1.35378	0.140241	1.60044	1.60044	2.80727	6.838885	2.165544	1
cg16362786	PDXK	0.0804491	0.0404299	0.238996	-4.18417	0.431159	1.62556	1.62556	0.236739	2.1162	2.1162	0.85877	0.897894	-1.11372	0.0202859	0.184121	-5.43122		0.48384	1.53765	1.53765	0.263288	2.02424	2.02424	0.0586303	0.274797	-3.63905	0.701971	0.792555	-1.26174	2.80725	16.2571	5.14767	1
cg07800125	BEST1;BEST1	0.0804492	0.09179	7.84661	7.84661	0.0894633	2.98826	2.98826	0.0594828	7.68892	7.68892	0.20672	4.38361	4.38361	0.0385178	5.14002	5.14002		0.0541908	11.3018	11.3018	0.152211	5.48551	5.48551	0.0132265	10.3063	10.3063	0.0346329	15.3893	15.3893	2.80725	54.7581	17.3386	1
cg15862271	TPST2;TPST2	0.0804512	0.94272	0.975228	-1.0254	0.0471368	2.21	2.21	0.350019	0.714764	-1.39906	0.939777	0.973969	-1.02673	0.0215119	0.39459	-2.53428		0.566862	1.22393	1.22393	0.047911	2.20221	2.20221	0.0976163	1.88602	1.88602	0.832791	1.07659	1.07659	2.80722	5.41769	1.71548	1
cg05768009	KIAA1274	0.0804517	0.2512559	1.733432	-1.38215	0.1235227	0.650422	-1.53746	0.1851551	0.693733	-1.44148	0.641487	1.13252	1.13252	0.0943579	0.882772	-1.13297		0.1139955	1.557987	1.557987	0.0663385	1.70058	1.70058	0.213851	0.713577	-1.40139	0.0197303	1.02059	1.02059	2.80721	2.955669	0.935903	1
cg04418771	CDP54	0.0804536	0.0422603	0.654231	-1.52851	0.0392653	1.54123	1.54123	0.720398	1.06736	1.06736	0.17384	0.769198	-1.30005	0.0795487	1.42324	1.42324		0.501969	1.13154	1.13154	0.49175	0.881046	-1.13501	0.509925	0.885833	-1.12888	0.111664	1.36918	1.36918	2.80719	1.46237	0.463055	1
cg01517525	ACTG1	0.080454	0.390909	0.603113	-1.65696	0.137231	2.50811	2.50811	0.28658	0.529571	-1.88832	0.0323946	0.42607	0.42607	-2.34755	0.0015	-6.66		0.297068	1.86081	1.86081	0.0527937	0.282376	-3.54138	0.462576	0.652543	-1.53247	0.711918	0.808101	-1.23747	2.80718	14.6708	4.64548	1
cg01529679	PI2D4	0.0804545	0.274147	0.686654	-1.45634	0.0475386	0.473586	-2.11283	0.188446	0.634079	-1.57705	0.0796523	0.643079	-1.5547	0.0230332	0.874479	-1.14335		0.487184	0.733414	-1.36349	0.0206407	0.420373	-2.37907	0.0138508	0.787274	-1.27021	0.389717	0.83564	-1.19657	2.80717	8.57264	2.71571	1
cg02605007	PDE4A;PDE4A	0.0804557	0.5717158	0.631107	-1.58452	0.0839264	4.66629	4.66629	0.0880233	4.55531	4.55531	0.0853365	0.216113	-4.62721	0.0287208	0.125182	-7.98837		0.202869	2.95272	2.95272	0.559081	0.621372	-1.60934	0.485805	0.565288	-1.76901	0.3554402	2.15045	2.15045	2.80716	28.8405	9.13238	1
cg13535663	POU2F1	0.0804573	0.062631	2.737092	-1.3951	0.0195324	1.6739	1.6739	0.11728	2.18819	2.18819	0.25294	0.70141	-1.42567	0.0146382	0.888871	-1.12502		0.315088	1.795	1.795	0.0276096	2.20153	2.20153	0.0168706	1.53932	1.53932	0.586027	1.15169	1.15169	2.80713	1.12291	0.355574	1
cg07744825	AAA1;NPSR1;NPSR1	0.0804589	0.337545	0.803425	-1.24467	0.0430706	0.674712	1.67412	0.371479	0.815165	-1.22524	0.0235513	0.549541	-1.8197	0.998821	1.009673	1.00033		0.411101	1.830221	1.2045	0.0459653	1.65922	1.65922	0.907005	1.02621	1.02621	0.32703	0.799323	1.25106	2.80711	1.17873	0.689908	1
cg06158650	TBX15	0.0804614	0.731829	0.794558	-1.25856	0.938044	1.05974	1.05974	0.691481	1.3056	1.3056	0.311117	2.01491	2.01491	0.789098	1.19629	1.19629		0.844905	1.13989	1.13989	0.733727	1.25642	1.25642	0.00122148	23.6471	23.6471	0.8104	1.17431	1.17431	2.80707	19.8693	6.29181	1
cg07052606	DCTPP1	0.0804617	0.3115921	0.7944	-1.25866	0.0894633	1.72151	1.72151	0.0858018	3.13144	3.13144	0.836473	1.09014	1.09014	0.0855773	1.20037	1.20037		0.913404	1.016315	1.016315	0.913265	1.00105	1.00105	0.98707	1.00105	1.00105	0.98707	1.00105	1.00105	2.80707	0.966138	0.305938	1
cg03191889	PARM1	0.0804619	0.172564	0.724183	-1.38087	0.562378	0.877916	-1.13906	0.863166	1.00887	1.00887	0.070398	1.56789	1.56789	0.0574205	2.23636	2.23636		0.631426	1.11343	1.11343	0.262159	0.773122	-1.29381	0.548667	0.873797	-1.14443	0.693511	1.02004	1.02004	2.80707	2.19691	0.695676	1
cg23666945	TRIM71	0.0804621	0.0393667	0.479502	-2.08603	0.0124535	0.145734	1.51238	0.0122203	2.83756	2.83756	0.0389732	1.85739	1.85739	0.0118992	3.18661	3.18661		0.173838	5.482	5.482	0.0098164	10.4007	10.4007	0.0053233	11.9866	11.9866	0.0402727	12.9446	12.9446	2.80706	52.1246	16.6993	1
cg05731021	KBTBD2	0.0804633	0.0204983	0.165244	-6.05165	0.500213	1.51195	1.51195	0.0745784	3.46337	3.46337	0.312959	1.8867	1.8867	0.4582931	1.57896	1.57896		0.488245	1.53038	1.53038	?	?	?	0.836132	0.8829525	-1.1326	0.0511469	0.246394	-4.05854	3.3211	16.0769	3.63063	1
cg18702827	IPH1	0.0804639	0.729255	1.06015	1.06015	0.563676	1.10367	1.10367	0.00578071	0.544516	-1.83649	0.333128	1.18272	1.18272	0.333168	1.18272	1.18272		0.895469	0.978146	-1.02234	0.0420702	1.48251	1.48251	0.569244	0.907831	-1.10153	0.873141	0.973497	-1.02722	2.80704	1.25624	0.397806	1
cg25288725	HLA-L	0.0804667	0.8734872	0.95219	-1.04972	0.124672	1.38343	1.38343	0.8445657	0.939676	-1.0642	0.132222	0.595307	-1.67961	0.0912007	0.532158	-1.81108		0.113995	1.557987	1.557987	0.0663385	1.70058	1.70058	0.213851	0.713577	-1.40139	0.0197303	1.02059	1.02059	2.80721	2.955669	0.935903	1
cg24424545	CNNM1	0.0804695	0.240828	1.16051	1.16051	0.203344	1.17677	1.17677	0.46789	0.91435	-1.09367	0.296698	0.877075	-1.14015	0.0089374	0.66853	-1.49582		0.312875	0.881132	-1.1349	0.0966273	0.801623	-1.24747	0.212806	1.17242	1.17242	0.516618	0.923376	-1.08298	2.80696	0.65333	0.206892	1
cg24141876	PTPN18;PTPN18	0.0804696	0.7132809	0.8955	-1.11656	0.0135024	1.34141	1.34141	0.0121744	2.83308	2.83308	0.668777	1.1578	1.1578	0.0127224	3.370403	2.22951		0.78876	1.10163	1.10163	0.4796	0.907453	-1.10222	0.407853	0.907453	-1.10473	0.517616	0.78916	-1.26717	2.80695	1.142888	0.407211	1
cg19276952	PR93;PR93;PR93;GNL1;PR93;GNL1	0.0804699	0.187656	0.73779	-1.29241	0.229406	0.760613	-1.26484	0.198864	1.28326	1.28326	0.341281	0.701329	1.19739	0.20257	1.66939	1.66939		0.0565365	1.672624	1.48671	0.216841	0.787642	-1.26961	0.383261	1.1785	1.1785	0.843783	1.03691	-1.03691	2.80695	1.50023	0.475083	1
cg01484958	PCDH8;PCDH8	0.0804705	0.86071	0.953469	-1.0488	0.716463	1.10401	1.10401	0.00723538	2.56043	2.56043	0.348218	1.52314	1.52314	0.644176	1.13448	1.13448		0.114998	1.59194	1.59194	0.0499718	0.545281	-1.83392	0.8719	1.04475	1.04475	0.413922	1.25559	1.25559	2.80694	3.27196	1.03615	1
cg05608441	DUXA	0.0804707	0.0366113	0.244362	-4.09253	0.643748	1.32728	1.32728	0.0736253	3.86125	2.59883	0.313936	1.56728	1.56728	0.0172724	3.370403	2.59883		0.0845414	1.493017	-2.27782	0.0190759	0.55659	-1.79665	0.041393	0.362419	-2.75924	0.881648	0.904397	-1.10571	2.80694	8.27575	2.62073	1
cg10016122	LOC642846	0.0804724	0.0482296	0.444958	-2.2474	0.0257631	0.386787	-2.5854	0.20797	0.621116	-1.61001	0.0462736	0.440874	-2.26822	0.0489245	0.446225	-2.24102		0.07015	0.483731	-2.06726	0.0363718	0.418736	-2.39318	0.0487205	0.776319	-1.28813	0.0489181	0.446365	-2.24032	2.80692	5.72028	1.81149	1
cg09926260	MIR515-2;MIR515-1	0.0804741	0.0313648	0.449884	-2.22318	0.0244499	0.183373	1.53284	0.0388744	2.58228	2.58228	0.342458	0.889764	-1.12401	0.0214476	0.663827	-1.50647		0.1092404	1.502102	1.502102	0.0603151	1.37262	1.37262	0.0453881	0.220233	-4.53876	0.624119	0.664544	-1.50463	2.80691	2.97254	1.06121	1
cg15278682	TAC3L	0.0804733	0.116448	0.599839	-1.66711	0.12703	1.63961	1.63961	0.674215	0.881021	-1.13505	0.204142	0.669306	-1.49408	0.0064629	0.346174	-2.88872		0.397299	0.771297	-1.29652	0.109239	0.592587	-1.68752	0.125864	0.608823	-1.64251	0.36649	0.75732	-1.32045	2.8069	3.99062	1.26375	1
cg21663762	DNAJA4;DNAJA4;DNAJA4	0.0804763	0.877669	0.97095	-1.02992	0.357721	0.834418	-1.19844	0.14619	0.741893	-1.3479	0.219214	0.780914	-1.28055	0.0090557	0.529714	-1.88781		0.456664	1.15614	1.15614	0.1542	1.38875	1.38875	0.0139773	0.691883	-1.44531	0.23097	0.787723	-1.27923	2.80686	1.62835	0.515675	1
cg00608009	NOXA9	0.0804771	0.960964	0.964325	-1.03699	0.536952	0.672386	1.76047	0.30047	0.0284146	6.82003	6.82003	0.336378	0.98694	-1.01886	0.852582	4.25882		0.617125	1.14567	1.14567	0.081653	0.349121	-2.86434	0.0361901	0.69776	0.69776	0.91302	1.06509	1.06509	2.80685	24.4883	7.75509	1
cg27267143	CEP192	0.0804778	0.27666	0.825112	-1.21196	0.0167816	1.64191	1.64191	0.250269	0.815368	-1.22644	0.668514	0.929431	-1.07593	0.971516	1.00608	1.00608		0.826954	0.963487	-1.0379	0.0104547	1.7291	1.7291	0.863115	0.971108	-1.02975	0.86645	1.02901	1.02901	2.80684	1.28314	0.406355	1
cg19772666	FAT1	0.0804782	0.0113134	0.552721	-1.80954	0.0435924	1.1944	1.1944	0.134619	1.24184	1.24184	0.414469	0.806353	-1.24004	0.0194151	0.804531	-1.24287		0.394023	1.249464	1.1726	0.0819303	1.60937	1.60937	0.0149177	0.621468	-1.60937	0.0149177	0.621468	-1.60937	2.80684	2.15337	0.491935	1
cg24907569	OSGIN2;OSGIN2	0.0804808	0.420116	1.17611	1.17611	0.055299	0.651918	-1.53393	0.0538903	0.649864	-1.53878	0.453356	0.86034	-1.16233	0.179823	0.755376	-1.32384		0.0948918	1.4354	1.4354	0.0608926	1.51595	1.51595	0.454948	1.16169	1.16169	0.601038	0.901313	-1.10949	2.80679	1.72399	0.545975	1
cg18496858	WNT2;WNT2	0.0804814	0.0820954	0.377254	-2.65074	0.448847	0.676686	-1.47779	0.0716971	0.82009	-1.92393	0.417052	0.657255	-1.52107	0.674221	1.23855	1.23855		0.272845	1.19576	1.19576	0.0284162	0.2701	-3.7012	0.42545	1.5096	1.5096	0.309792	0.587514	-1.70209	2.80677	21.3828	3.64067	1
cg15333769	TPST2	0.0804827	0.169152	0.73147	-1.36748	0.36481	1.24492	1.24492	0.272054	1.50863	1.50863	0.265886	1.02728	1.02728	0.0040876	0.403925	-2.47571		0.465083	0.839531	-1.19114	0.233912	1.74658	1.74658	0.134124	0.575348	0.875327	-1.14243	0.687181	0.900155	-1.10992	2.80677	2.46053	0.779239	1
cg06201861	CRISPLD2	0.0804829	0.108682	0.310766	-3.21786	0.00664419	0.0509096	-10.5153	0.026841	0.171473	-5.8333	0.460066	0.605079	-1.65268	0.284105	0.475482	-2.10313		0.160676	0.367539	-2.7208	0.039061	0.207246	-4.88372	0.0979396	0.299696	-3.33671	0.463759	0.607671	-1.64563	2.80676	19.8333	6.28113	1
cg13106389	RUNX1;RUNX3	0.0804834	0.0744905	0.626463	-1.59645	0.0979267	0.7457	1.37258	0.0828464	2.21521	1.55295	0.275199	0.810835	1.23325	0.0169944	1.5962	1.5962		0.749905	1.072657	1.072657	0.0211409	1.47379	1.47379	0.0886796	1.03952	1.03952	0.0341463	1.76972	1.76972	2.80674	2.34194	0.749729	1
cg03936193	SLK	0.0804839	0.9683444	0.996432	-1.00358	0.0344471	1.24882	1.24882	0.375867	0.921395	-1.08531	0.0128038	1.32117	1.32117	0.755827	0.972291	-1.0285		0.04111134	1.2365	1.2365	0.280693	1.10629	1.10629	0.413291	0.927424	-1.07826	0.460373	1.07005	1.07005	2.80675	0.360725	0.11424	1
cg04505440	TSTA3	0.0804858	0.381413	1.15206	1.15206	0.244326	1.21173	1.21173	0.00328325	1.84043	1.84043	0.465302	0.889679	-1.124	0.851562	0.967639	-1.0334		0.7722	0.955262	-1.04683	0.417826	1.2774	1.2774	0.133762	1.30627	1.30627	0.0995102	1.33	1.33	2.80672	1.10517	0.350009	1
cg14121185	PRKCA	0.0804868	0.045379	0.277244	-3.60694	0.056631	0.299398	-3.34003	0.0093272	0.157728	-6.34002	0.293156	0.543621	-1.83952	0.125942	0.396345	-2.52305		0.24205	0.504413	-1.9825	0.0473374	0.281339	-3.55444	0.659529	0.39071	0.39071	0.250471	0.511107	-1.95634	2.80671	13.8861	4.39775	1
cg08020808	CMA1	0.0804879	0.0204566	0.223919	-4.4659	0.612487	0.760583	-1.31478	0.283719	0.550623	-1.81613	0.13452	0.421256	-2.37386	0.0450171	0.291588	-3.4295		0.074644	0.345093	-2.89777	0.0252522	0.240394	-4.15983	0.0123555	0.261203	-3.82844	0.0829625	0.357525	-2.797	2.80669	12.7601	4.04116	1
cg01290542	ZC3H3	0.0804881	0.112268	1.51206	1.51206	0.0444326	0.749861	-1.33286	0.0387495	1.90146	1.90146	0.0178736	1.70087	1.70087	0.0076757	1.90146	-1.05299		0.0834184	1.00365	1.00365	0.9884	1.39319	1.39319	0.307447	0.805974	1.24075	0.202864	0.804015	-1.24376	2.80669	1.05142	0.370677	1
cg07496457	STOX2	0.0804884	0.296011	0.649291	-1.54014	0.47588	0.749058	-1.33501	0.4887588	0.755474	-1.32367	0.851417	1.09768	1.09768	0.0015089	0.161452	-6.19379		0.557498	0.789443	-1.26672	0.9704	0.98532	-1.0149	0.563062	1.26241	1.26241	0.356597	0.685304	-1.45921	2.80669	7.06084	2.2362	1
cg27022851	URI;C53	0.0804892	0.0882853	0.448512	-2.22908	0.0183452	0.189663	-5.27182	0.0274568	0.544724	-1.84524	0.0222724	0.559988	-1.78572	0.0208981	0.420185	-2.37988		0.0464373	0.635	-1.5748	0.0306063	0.364203	-2.74533	1.7636	1.6524	0.232114	0.729852	0.821603	-1.21703	2.80668	2.98313	1.06332	1
cg08003689	CRABP2	0.0804893	0.876898	0.02924	1.02924	0.114722	1.3756	1.3756	0.364231	1.18927	1.18927	0.666301	0.922512	-1.084	0.0920041	1.41174	1.41174		0.96959	1.00711	1.00711	0.0219051	0.599756	-1.66734	0.777676	0.05403	1.05403	0.023101	1.65701	1.65701	2.80667	2.46053	0.779239	1
cg00867391	OLFM3;OLFM3	0.0804916	0.866881	0.968718	-1.03229	0.00694656	1.918	1.918	0.082913	1.43871	1.43871	0.240535	0.792331	-1.2621	0.0722641	0.683845	-1.46232		0.819699	0.957672	-1.0442	0.979481	0.994903	-1.00512	0.907044	0.978114	-1.02238	0.935085	1.01555	1.01555	2.80664	1.59526	0.505234	1
cg26029145	TNFRSF10C	0.0804943	0.82363	1.09482	1.09482	0.2156	1.70513	1.70513	0.288857	1.79254	1.79254	0.400915	1.58794	1.58794	1.70373	0.914756	1.70373		0.524057	2.27456	2.27456	0.349157	1.88291	1.88291	0.0647714	2.42624	2.42624	0.00648168	34.489	34.489	2.8066	45.0072	14.2544	1
cg25482284	PASK	0.0804947	0.177653	0.594293	-1.68267	0.0899414	0.50715	-1.9718	0.569566	1.23217	1.23217	0.299893	1.47734	1.47734	0.853935	1.06924	1.06924		0.0127411	1.32489	-3.07796	0.331445	1.43907	1.43907	0.195827	1.64363	1.64363	0.131643	0.553674	-1.80612	2.80659	5.86528

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12439432	KIAA1875	0.0805753	0.0994737	0.497038	-2.01192	0.208082	0.598177	-1.67175	0.22999	0.614089	-1.62843	0.28172	1.54207	1.54207	0.915565	0.959772	-1.04191	0.0813572	0.473318	-2.11275	0.00518858	0.239694	-4.17198	0.938348	1.0304	1.0304	0.172659	0.570119	-1.75402	2.80544	6.66012	2.11023	1
cg10238603	PEX10;PEX10	0.0805757	0.505457	0.752468	-1.32896	0.103621	2.11515	2.11515	0.548283	0.774391	-1.29134	0.261156	1.63759	1.63759	0.0104678	0.257627	-3.88159	0.465368	0.731466	-1.36712	0.246397	0.600379	-1.66561	0.852994	1.0812	1.0812	0.0448883	0.379503	-2.63503	2.80543	7.8709	2.49386	1
cg23444251	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0805759	0.062375	0.358216	-2.79161	0.448591	1.45928	1.45928	0.0331021	3.3849	3.3849	0.16823	2.05168	2.05168	0.898517	0.939464	-1.06444	0.810435	0.889047	-1.1248	0.118828	0.436681	-2.29	0.0416109	3.15718	3.15718	0.724379	1.18918	1.18918	2.80543	10.6424	3.37199	1
cg00850538	CRIM1	0.0805764	0.317501	0.530262	-1.88586	0.0445091	4.12291	4.12291	0.0443446	4.12874	4.12874	0.0518672	3.88934	3.88934	0.294305	0.51283	-1.94996	0.691617	0.782879	-1.27734	0.205542	0.440458	-2.27036	0.142918	2.62924	2.62924	0.740721	0.815566	-1.22614	2.80542	16.7477	5.30647	1
cg02660846	GABRG2;GABRG2;GABRG2;GABRG2;GABRG2;GABRG2	0.0805765	0.121185	1.5337	1.5337	0.0116433	0.448196	-2.23116	0.836907	1.05386	1.05386	0.0965759	1.59091	1.59091	0.748521	0.921398	-1.08531	0.498832	1.19094	1.19094	0.535266	0.852318	-1.17327	0.142487	0.669494	-1.49367	0.208781	1.40106	1.40106	2.80542	2.87804	0.911899	1
cg24109477	DOCK1	0.0805768	0.552569	0.902104	-1.10852	0.172317	1.28286	1.28286	0.203492	1.2588	1.2588	0.272675	1.21625	1.21625	0.0299148	0.6453	-1.54967	0.0971863	0.731879	-1.36635	0.0424783	1.49274	1.49274	0.958456	0.991107	-1.00897	0.491963	0.887205	-1.12714	2.80542	1.30643	0.413938	1
cg03590328	TTYH3	0.0805772	0.130448	0.360734	-2.77212	0.887029	0.915086	-1.09279	0.452471	1.61254	1.61254	0.305989	0.516	-1.93799	0.0956648	0.318998	-3.13481	0.28383	0.499036	-2.00387	0.00528197	0.100706	-9.92988	0.0483178	0.244504	-4.08991	0.145609	0.377042	-2.65222	2.80541	17.3149	5.48618	1
cg19645299	ESRRG	0.0805772	0.151826	0.7178	-1.39315	0.0841281	0.661876	-1.51086	0.647674	1.10447	1.10447	0.827876	0.954066	-1.04815	0.887186	1.03113	1.03113	0.00778336	0.478117	-2.09154	0.0651588	1.5638	1.5638	0.886852	1.03122	1.03122	0.887017	1.03118	1.03118	2.80541	2.072	0.65651	1
cg15397231	HLA-C	0.0805779	0.357214	1.83164	1.83164	0.678764	0.766294	-1.30498	0.685393	1.29734	1.29734	0.907699	1.07695	1.07695	0.0248381	0.181377	-5.51338	0.947957	0.959136	-1.04261	0.515218	0.655895	-1.52463	0.00879466	8.43571	8.43571	0.217322	2.29241	2.29241	2.8054	18.1515	5.75129	1
cg03181382	FAM168B	0.0805811	0.457937	1.44036	1.44036	0.178237	1.99479	1.99479	0.107841	0.428676	-2.33276	0.503936	1.38736	1.38736	0.310953	1.65879	1.65879	0.188978	1.95782	1.95782	0.00801318	0.193923	-5.15668	0.53332	1.35607	1.35607	0.642944	0.798217	-1.25279	2.80535	10.3548	3.28097	1
cg05525601	SYCE1	0.0805826	0.030585	0.419628	-2.38306	0.472227	0.778869	-1.28391	0.309327	0.697961	-1.43274	0.51598	1.25246	1.25246	0.0630291	0.489322	-2.04365	0.0866516	1.90946	1.90946	0.405242	1.33783	1.33783	0.271054	1.47941	1.47941	0.0855574	0.522284	-1.91467	2.80533	5.19021	1.64456	1
cg25193742	C10orf32;C10orf32	0.0805844	0.18586	1.29297	1.29297	0.0944419	0.71409	-1.40038	0.965801	0.992177	-1.00788	0.19503	0.777967	-1.2854	0.0405053	1.54244	1.54244	0.632397	0.915505	-1.09229	0.0478017	0.660656	-1.51365	0.14012	0.747698	-1.33744	0.163582	0.761595	-1.31303	2.80531	1.49076	0.472361	1
cg00091953	INPP4B;INPP4B	0.0805871	0.232561	2.29532	2.29532	0.381838	1.81355	1.81355	0.272005	0.468182	-2.13592	0.0198884	0.1548	-6.45993	0.0330709	0.191289	-5.22769	0.0896417	0.288829	-3.46226	0.0885773	0.287395	-3.47954	0.950616	1.04196	1.04196	0.94636	1.04567	1.04567	2.80527	19.5716	6.20152	1
cg10918580	RGNEF	0.0805878	0.672288	1.05719	1.05719	0.0969678	0.788094	-1.26888	0.0231005	1.42632	1.42632	0.287755	0.865648	-1.1552	0.429255	0.899892	-1.11124	0.303107	0.86985	-1.14962	0.192937	0.835178	-1.19735	0.0522982	0.749374	-1.33445	0.231752	1.17816	1.17816	2.80526	0.759173	0.240556	1
cg03553914	BRSK2	0.0805884	0.12743	3.26048	3.26048	0.00235299	20.968	20.968	0.089863	3.82118	3.82118	0.473339	1.68695	1.68695	0.889298	1.10502	1.10502	0.0998874	3.64305	3.64305	0.196662	2.66126	2.66126	0.313646	2.11111	2.11111	0.63109	1.41469	1.41469	2.80525	22.8415	7.23771	1
cg20462855	HEY2	0.0805896	0.707103	0.919003	-1.08814	0.0195857	1.87977	1.87977	0.0900807	1.51895	1.51895	0.536145	1.15049	1.15049	0.808357	1.05588	1.05588	0.902671	1.02775	1.02775	0.0501331	0.606675	-1.64833	0.0683902	1.57864	1.57864	0.130561	1.44103	1.44103	2.80523	2.22459	0.704902	1
cg19665644	RASSF10	0.0805898	0.144828	8.00461	8.00461	0.674808	0.570933	-1.75152	0.464383	2.68884	2.68884	0.386253	3.2536	3.2536	0.253486	0.205141	-4.87469	0.239301	5.13874	5.13874	0.00754074	96.2168	96.2168	0.0342443	26.6074	26.6074	0.613742	0.508631	-1.96606	2.80523	78.3845	24.8376	1
cg18122215	MEG8	0.0805899	0.178675	0.584361	-1.71127	0.132846	1.83997	1.83997	0.19591	0.597948	-1.67239	0.831275	0.922905	-1.08354	0.0203604	0.349465	-2.86151	0.566537	1.2434	1.2434	0.154655	0.56394	-1.77324	0.0816611	0.484052	-2.06589	0.0423771	0.415186	-2.40856	2.80523	6.28145	1.9904	1
cg13657200	DFNB31;DFNB31	0.0805901	0.103455	0.55684	-1.79585	0.0108031	0.349022	-2.86515	0.0652361	0.50639	-1.97476	0.588924	1.19646	1.19646	0.277281	0.689722	-1.44986	0.780296	1.09629	1.09629	0.0441988	0.467683	-2.1382	0.583123	1.19988	1.19988	0.552267	1.21857	1.21857	2.80522	4.80184	1.52156	1
cg07468289	ZNRD1;NCRNA00171;ZNRD1	0.0805912	0.02461	0.0833456	-11.9982	0.151425	0.240063	-4.16558	0.301381	0.370103	-2.70195	0.123644	0.212671	-4.7021	0.0390295	0.108873	-9.18501	0.0631562	0.143699	-6.95897	0.0268734	0.0877233	-11.3995	0.0424583	0.114292	-8.74955	0.0592136	0.138451	-7.22278	2.80521	38.2837	12.131	1
cg26229066	SH3BP4	0.0805915	0.377185	0.846333	-1.18157	0.616355	1.09747	1.09747	0.949368	1.01176	1.01176	0.339294	0.834151	-1.19882	0.245479	1.25065	1.25065	0.881006	0.972797	-1.02796	0.00546484	1.95971	1.95971	0.0338215	1.57815	1.57815	0.80359	0.955155	-1.04695	2.8052	1.50612	0.477247	1
cg03706022	MID1IP1;MID1IP1;MID1IP1;MID1IP1	0.0805919	0.00839327	0.230371	-4.34082	0.912164	1.04929	1.04929	0.904137	0.948824	-1.05394	0.389112	1.46934	1.46934	0.0482242	0.373711	-2.67587	0.023205	0.306311	-3.26466	0.882165	0.937379	-1.0668	0.358917	0.662791	-1.50877	0.903413	0.948446	-1.05436	2.8052	8.44553	2.67615	1
cg22506302	LOC646851;LOC646851;CBY1;CBY1	0.0805922	0.841506	1.02006	1.02006	0.827172	0.978544	-1.02193	0.223014	1.13543	1.13543	0.0364069	1.27285	1.27285	0.0129075	1.35823	1.35823	0.0397657	1.26594	1.26594	0.859509	1.01773	1.01773	0.208474	0.87675	-1.14058	0.793792	0.974349	-1.02633	2.80519	0.437164	0.138525	1
cg02724435	TBC1D5;TBC1D5	0.0805936	?	?	?	?	?	?	?	?	?	0.245134	2.52862	2.52862	0.384686	0.509083	-1.96431	0.0174752	10.3833	10.3833	?	?	?	?	?	?	0.263476	2.43121	2.43121	3.57021	13.4884	5.66705	1
cg19704039	GNPDA1	0.0805973	0.671017	0.947407	-1.05551	0.512312	0.919401	-1.08766	0.209513	0.845989	-1.18205	0.0841867	0.785378	-1.27327	0.240384	0.856046	-1.16816	0.0193649	0.699374	-1.42985	0.981012	0.996995	-1.00301	0.0459387	1.33546	1.33546	0.199248	1.1871	1.1871	2.80512	0.710362	0.2251	1
cg06427838	RPSAP58	0.0805983	0.122462	0.316333	-3.16122	0.667415	1.34158	1.34158	0.729229	0.789674	-1.26635	0.600819	0.698358	-1.43193	0.413952	0.566038	-1.76666	?	?	?	0.444883	1.69974	1.69974	0.00703344	11.7869	11.7869	?	?	?	3.07743	17.1162	5.56183	1
cg26108594	POFUT2;POFUT2;LOC642852;POFUT2	0.0806021	0.050974	1.4492	1.4492	0.706838	1.06509	1.06509	0.0131543	1.67045	1.67045	0.178167	1.26968	1.26968	0.099309	0.739692	-1.35191	0.279232	1.20653	1.20653	0.933781	1.01397	1.01397	0.0797004	1.38344	1.38344	0.74343	0.946661	-1.05634	2.80505	1.23735	0.392101	1
cg06634750	PAPD5;PAPD5	0.0806023	0.782141	1.05132	1.05132	0.0696774	1.44229	1.44229	0.201746	0.783998	-1.27551	0.366816	1.18218	1.18218	0.0212269	1.64873	1.64873	0.609854	0.91128	-1.09736	0.30196	0.824441	-1.21294	0.103141	0.724816	-1.37966	0.128872	1.34482	1.34482	2.80505	1.44776	0.45878	1
cg06143713	ARHGEF9	0.0806028	0.335207	1.83983	1.83983	0.932687	0.949494	-1.05319	0.615885	1.36386	1.36386	0.092507	0.321165	-3.11367	0.0113444	0.143019	-6.99209	0.0736842	3.39805	3.39805	0.889134	1.08934	1.08934	0.359054	1.78345	1.78345	0.188893	0.425738	-2.34886	2.80504	16.7199	5.29837	1
cg01206210	GSTA4	0.0806034	0.0150395	0.531324	-1.88209	0.593971	1.12059	1.12059	0.544038	1.13876	1.13876	0.885328	0.969926	-1.03101	0.0589931	0.636858	-1.57021	0.803514	0.948616	-1.05417	0.872057	1.03469	1.03469	0.396359	1.20176	1.20176	0.0313969	1.70603	1.70603	2.80503	1.9892	0.630358	1
cg14090822	NFASC;NFASC;NFASC;NFASC;NFASC;NFASC	0.0806035	0.908598	0.976723	-1.02383	0.00648318	2.06621	2.06621	0.551698	1.13144	1.13144	0.627821	1.10537	1.10537	0.917068	0.978867	-1.02159	0.23853	1.28809	1.28809	0.00979448	1.95366	1.95366	0.357837	1.21399	1.21399	0.156545	1.36449	1.36449	2.80503	1.86826	0.592035	1
cg26038751	TSPAN14;TSPAN14	0.0806039	0.122862	1.18516	1.18516	0.00566689	0.691531	-1.44607	0.261912	1.12624	1.12624	0.200276	0.871544	-1.14739	0.512336	0.934699	-1.06986	0.919507	0.98978	-1.01033	0.75344	1.03254	1.03254	0.670796	1.04441	1.04441	0.166199	0.860677	-1.16188	2.80503	0.458801	0.14539	1
cg21443699	C7orf34	0.0806051	0.0347631	0.155543	-6.42909	0.729033	1.30077	1.30077	0.55268	0.634964	-1.57489	0.105667	0.262763	-3.80571	0.0111971	0.0904033	-11.0615	0.595168	0.66663	-1.50008	0.176533	0.337431	-2.96357	0.59099	0.663506	-1.50715	0.0171493	0.111193	-8.99339	2.80501	25.4008	8.04934	1
cg24157652	ORC4L;ORC4L;ORC4L	0.0806055	0.682275	1.0377	1.0377	0.0561703	0.823299	-1.21463	0.335198	1.09346	1.09346	0.0681936	0.832277	-1.20152	0.692234	1.03641	1.03641	0.766657	1.02711	1.02711	0.15516	1.14655	1.14655	0.0128277	0.757411	-1.32029	0.719911	0.968148	-1.0329	2.805	0.359044	0.113779	1
cg04581377	SLC35F2	0.0806061	0.95935	1.01426	1.01426	0.955793	1.01551	1.01551	0.0500897	0.537718	-1.85971	0.0966262	1.65958	1.65958	0.760068	1.08879	1.08879	0.0190733	0.454752	-2.199	0.305317	0.744683	-1.34285	0.0461394	0.530155	-1.88624	0.590722	1.16274	1.16274	2.80499	3.42651	1.08584	1
cg20696875	DFFA;DFFA	0.0806085	0.920192	1.00837	1.00837	0.123922	1.14873	1.14873	0.0281004	1.2409	1.2409	0.969301	1.00321	1.00321	0.0998645	1.1619	1.1619	0.0517471	0.831753	-1.20228	0.10549	1.15856	1.15856	0.171614	1.12875	1.12875	0.121175	1.1501	1.1501	2.80496	0.30764	0.0974907	1
cg22718636	DGKQ	0.0806092	0.0648132	6.16356	6.16356	0.405685	2.10864	2.10864	0.992772	1.00798	1.00798	0.540377	1.72213	1.72213	0.263236	0.359574	-2.78107	0.65118	0.670893	-1.49055	0.00769782	20.1462	20.1462	0.0817998	5.42646	5.42646	0.0856803	5.29003	5.29003	2.80495	34.1649	10.8269	1
cg12576688	PEX10;PEX10	0.0806092	0.153631	1.24851	1.24851	0.709098	0.947011	-1.05595	0.0205369	1.49994	1.49994	0.105154	1.29335	1.29335	0.10368	0.772185	-1.29503	0.223796	0.830542	-1.20403	0.305388	0.85711	-1.16671	0.133509	1.26507	1.26507	0.925571	1.01367	1.01367	2.80495	0.937655	0.297143	1
cg05098011	OAZ3;MRPL9	0.080616	0.144291	0.837377	-1.19421	0.538876	1.07294	1.07294	0.0192798	1.37756	1.37756	0.344688	1.11644	1.11644	0.559086	1.06914	1.06914	0.219742	0.864131	-1.15723	0.0228805	0.734851	-1.36082	0.812419	0.973457	-1.02727	0.791944	1.03037	1.03037	2.80485	0.568867	0.18028	1
cg04804139	NCOR2;NCOR2	0.0806164	0.100411	3.91929	3.91929	0.0331013	6.62504	6.62504	0.19154	2.85589	2.85589	0.187395	2.88759	2.88759	0.0283049	7.13491	7.13491	0.0803142	4.35962	4.35962	0.0191135	8.60537	8.60537	0.043884	5.7995	5.7995	0.0964208	3.99609	3.99609	2.80485	25.5871	8.10886	1
cg06557507	ADAM11	0.0806176	0.0230831	0.239616	-4.17335	0.423722	1.53671	1.53671	0.993389	1.00437	1.00437	0.1541	0.448298	-2.23066	0.0141239	0.203383	-4.91684	0.87212	0.918779	-1.0884	0.0274125	0.253593	-3.94332	0.43335	0.656776	-1.52259	0.300894	0.569116	-1.75711	2.80483	12.2834	3.89279	1
cg11005899	CDC23	0.0806178	0.914422	1.0131	1.0131	0.0608801	0.774256	-1.29156	0.0973092	1.24651	1.24651	0.0910668	1.25282	1.25282	0.199751	0.8487	-1.17827	0.17748	0.840667	-1.18953	0.0685152	1.28011	1.28011	0.255987	0.866238	-1.15442	0.427765	1.10301	1.10301	2.80483	0.651449	0.206453	1
cg16739194	FOXK1	0.0806195	0.12981	0.718646	-1.39151	0.127222	0.716776	-1.39514	0.28044	1.25421	1.25421	0.450961	1.16773	1.16773	0.00815328	0.504766	-1.98111	0.975203	0.993744	-1.00629	0.773924	0.943512	-1.05987	0.296603	0.803737	-1.24419	0.0434517	0.62573	-1.59813	2.8048	1.81063	0.573818	1
cg08021797	C16orf74	0.0806199	0.112179	1.60091	1.60091	0.07673	1.70846	1.70846	0.75506	1.08887	1.08887	0.954923	1.0155	1.0155	0.111381	0.623876	-1.60288	0.574722	1.16678	1.16678	0.0169898	0.452968	-2.20766	0.212961	0.69987	-1.42884	0.366267	1.28729	1.28729	2.8048	3.28819	1.04208	1
cg01985390	TRIM54;TRIM54	0.080622	0.0387649	0.201457	-4.96383	0.135849	2.93303	2.93303	0.179005	2.60058	2.60058	0.0617648	4.08964	4.08964	0.301135	0.488089	-2.04881	0.855562	1.12974	1.12974	0.24302	0.441354	-2.26575	0.145237	2.84959	2.84959	0.164354	2.70017	2.70017	2.80477	19.9102	6.30995	1
cg04839289	JPH4;JPH4	0.0806225	0.119488	4.60977	4.60977	0.214421	3.26181	3.26181	0.387741	2.22728	2.22728	0.211212	3.29197	3.29197	0.0765828	5.94037	5.94037	0.114606	4.72186	4.72186	0.00598682	25.7783	25.7783	0.0289397	10.2724	10.2724	0.0700832	6.24531	6.24531	2.80476	36.3459	11.5188	1
cg04388409	TMSB15B;MIR1256	0.0806259	0.0906953	0.682493	-1.46522	0.271864	0.791027	-1.26418	0.0475901	0.628529	-1.59102	0.467335	1.16367	1.16367	0.00445198	0.45949	-2.17633	0.810397	1.05049	1.05049	0.880272	1.03137	1.03137	0.861567	0.964859	-1.03642	0.976259	1.00612	1.00612	2.80471	1.86594	0.591368	1
cg05711609	BCL9	0.0806274	0.582628	0.840806	-1.18933	0.461671	1.26378	1.26378	0.558034	0.831044	-1.20331	0.0115846	0.373014	-2.68086	0.0129335	0.381399	-2.62193	0.0548684	0.506494	-1.97436	0.701737	1.12774	1.12774	0.879507	0.953713	-1.04853	0.456152	0.788905	-1.26758	2.80469	4.33554	1.37406	1
cg13088660	SPTBN1	0.0806284	0.412951	1.24585	1.24585	0.00436914	0.367945	-2.7178	0.200129	0.700871	-1.4268	0.216056	0.710417	-1.40762	0.461167	1.21777	1.21777	0.272202	0.740708	-1.35006	0.249144	1.37209	1.37209	0.262748	0.735914	-1.35885	0.886179	0.963085	-1.03833	2.80467	3.06356	0.970936	1
cg07244095	RASA3	0.0806294	0.967029	0.984739	-1.0155	0.148529	1.7799	1.7799	0.156671	0.569125	-1.75708	0.401646	1.37627	1.37627	0.140957	0.554799	-1.80245	0.936061	0.97059	-1.0303	0.219892	0.618811	-1.616	0.00819273	3.52091	3.52091	0.485029	1.30211	1.30211	2.80466	6.14897	1.94881	1
cg19806995	GLP2R	0.0806294	0.0825902	0.326824	-3.05975	0.0275328	0.219559	-4.55458	0.123237	0.378605	-2.64127	0.596417	0.732802	-1.36462	0.0241777	0.2094	-4.77555	0.264392	0.508307	-1.96732	0.036028	0.242063	-4.13116	0.0278023	0.220339	-4.53847	0.090172	0.337465	-2.96327	2.80466	15.03	4.7635	1
cg24679007	RGS13;RGS13	0.0806323	0.227562	0.803148	-1.2451	0.104879	1.35895	1.35895	0.977957	0.99523	-1.00479	0.913867	0.98145	-1.0189	0.978661	1.00464	1.00464	0.307112	1.20078	1.20078	0.00434181	1.93406	1.93406	0.167406	1.29006	1.29006	0.411799	0.864822	-1.15631	2.80462	1.33037	0.421645	1
cg06024113	CDYL;CDYL;CDYL;CDYL	0.0806324	0.304987	1.27263	1.27263	0.289467	0.779158	-1.28344	0.0186747	0.523618	-1.90979	0.0365487	0.576116	-1.73576	0.232322	1.3288	1.3288	0.0544506	0.609423	-1.6409	0.789717	1.06254	1.06254	0.588827	1.13185	1.13185	0.671485	0.90772	-1.10166	2.80462	2.28797	0.725143	1
cg02873997	LAMA2;LAMA2	0.0806346	0.753166	1.06834	1.06834	0.117745	0.70047	-1.42761	0.0117107	0.516845	-1.93482	0.621253	0.900893	-1.11001	0.183705	0.744107	-1.34389	0.0467369	1.6115	1.6115	0.499882	0.866305	-1.15433	0.489177	1.15863	1.15863	0.215109	0.760749	-1.31449	2.80458	1.95068	0.618252	1
cg16149943	COL18A1;COL18A1;COL18A1	0.0806363	0.321722	0.695388	-1.43805	0.257073	0.657212	-1.52158	0.461562	1.30472	1.30472	0.84022	1.07426	1.07426	0.00296516	0.235218	-4.25138	0.458439	1.30724	1.30724	0.26146	1.51524	1.51524	0.638693	1.18273	1.18273	0.8464	0.933492	-1.07125	2.80456	5.59362	1.77286	1
cg00174713	MAGI1;MAGI1;MAGI1	0.0806374	0.116502	0.643139	-1.55487	0.140885	0.663727	-1.50664	0.00770517	0.412281	-2.42553	0.0743776	0.5978	-1.6728	0.134314	1.51869	1.51869	0.313088	0.763358	-1.31	0.442452	0.816543	-1.22468	0.208715	0.709664	-1.40912	0.246741	0.730912	-1.36815	2.80454	2.97494	0.942895	1
cg16159491	MMP11	0.0806378	0.292714	0.675596	-1.48018	0.776965	1.10742	1.10742	0.11074	1.86696	1.86696	0.978508	0.990369	-1.00972	0.310986	0.686196	-1.45731	0.00487416	3.82195	3.82195	0.492544	0.778492	-1.28453	0.243459	0.645032	-1.55031	0.710543	0.874655	-1.14331	2.80454	5.73279	1.81699	1
cg22509041	CSAD;ZNF740	0.0806396	0.554378	1.26943	1.26943	0.149389	1.85277	1.85277	0.0291925	2.78752	2.78752	0.155511	0.54538	-1.83358	0.138544	0.529343	-1.88913	0.626436	1.21614	1.21614	0.0472547	2.4734	2.4734	0.186275	0.571799	-1.74887	0.471824	1.33905	1.33905	2.80451	7.06836	2.24031	1
cg25790298	FNDC3B;FNDC3B	0.0806407	0.193367	0.441129	-2.26691	0.500943	0.666184	-1.50109	0.198804	0.446011	-2.2421	0.0643832	0.29066	-3.44044	0.0106305	0.148064	-6.75384	0.0426609	0.249666	-4.00535	0.037926	0.239045	-4.18332	0.993021	0.994813	-1.00521	0.0516826	0.267992	-3.73146	2.8045	15.7048	4.97765	1
cg02580262	LOC100130581;LOC100130581	0.0806414	0.0932168	0.42443	-2.3561	0.0823608	0.409398	-2.44261	0.026238	0.294158	-3.39954	0.120389	2.1855	2.1855	0.0601074	0.373731	-2.67572	0.139439	0.478006	-2.09202	0.129495	0.46757	-2.13872	0.838886	1.09909	1.09909	0.235497	0.561576	-1.7807	2.80449	9.56693	3.03226	1
cg04966682	GABRG3	0.0806415	0.122338	1.87251	1.87251	0.0874754	2.0274	2.0274	0.581941	1.2316	1.2316	0.668634	1.17505	1.17505	0.266199	1.54345	1.54345	0.17079	1.72703	1.72703	0.0033012	4.47904	4.47904	0.0391077	2.4461	2.4461	0.640744	1.19252	1.19252	2.80449	6.23382	1.97582	1
cg06638723	MIR548F1	0.080642	0.876149	1.03801	1.03801	0.202483	1.37963	1.37963	0.236652	0.74338	-1.34521	0.745275	0.924998	-1.08108	0.00456729	0.405257	-2.46757	0.483836	0.843518	-1.18551	0.086091	0.635345	-1.57395	0.350484	1.25839	1.25839	0.367271	0.80131	-1.24796	2.80448	2.54063	0.805261	1
cg17195852	MTRF1L;MTRF1L	0.0806433	0.732758	0.944483	-1.05878	0.279697	1.20596	1.20596	0.886151	0.976409	-1.02416	0.0968832	0.738098	-1.35483	0.517654	0.896455	-1.1155	0.289519	1.20106	1.20106	0.00322953	0.511938	-1.95336	0.979908	0.995812	-1.00421	0.478516	0.88686	-1.12757	2.80446	1.23347	0.390955	1
cg22937753	RAD52	0.0806441	0.805063	0.942377	-1.06115	0.0305104	0.543256	-1.84075	0.226711	0.737393	-1.35613	0.528429	0.857878	-1.16567	0.00326662	0.381976	-2.61797	0.737534	0.922447	-1.08407	0.414768	1.2215	1.2215	0.40157	0.813783	-1.22883	0.527452	0.857558	-1.1661	2.80445	2.55865	0.810981	1
cg05031011	CACNA1H;CACNA1H	0.0806464	0.0410906	0.51034	-1.95948	0.151428	0.64488	-1.55068	0.0508835	0.530046	-1.88663	0.382519	1.29123	1.29123	0.025715	0.469498	-2.12993	0.438273	1.25313	1.25313	0.894588	0.962871	-1.03856	0.401675	1.27759	1.27759	0.356493	1.31085	1.31085	2.80442	3.6179	1.14673	1
cg19112780	PTPRU;PTPRU;PTPRU;PTPRU;PTPRU;PTPRU	0.0806473	0.741604	1.04201	1.04201	0.00992854	1.49934	1.49934	0.0250184	1.39319	1.39319	0.493382	0.917131	-1.09036	0.967917	1.00501	1.00501	0.794147	1.03305	1.03305	0.889909	0.982924	-1.01737	0.175079	1.19644	1.19644	0.0354872	1.35588	1.35588	2.8044	0.686918	0.217727	1
cg10887757	MNT	0.0806482	0.360206	0.854689	-1.17002	0.0549283	1.43811	1.43811	0.0789907	1.38482	1.38482	0.106319	0.744992	-1.3423	0.554257	0.904969	-1.10501	0.32665	0.84448	-1.18416	0.0471601	0.684452	-1.46102	0.33456	1.18071	1.18071	0.27751	1.20745	1.20745	2.80439	1.23751	0.392245	1
cg03664748	MAPK8IP3;MAPK8IP3	0.0806524	0.20829	0.615056	-1.62587	0.188879	0.600493	-1.6653	0.494645	0.775625	-1.28928	0.108689	0.526743	-1.89846	0.0210908	0.361936	-2.76292	0.055726	0.451932	-2.21272	0.012039	0.317471	-3.1499	0.647334	1.18383	1.18383	0.0831499	0.495175	-2.01949	2.80433	5.96206	1.8898	1
cg13022222	MAP4K4;MAP4K4;MAP4K4	0.0806531	0.371026	0.798765	-1.25193	0.26395	0.752135	-1.32955	0.753659	0.925883	-1.08005	0.132911	0.672607	-1.48675	0.788184	0.936251	-1.06809	0.025506	1.91416	1.91416	0.259742	1.3332	1.3332	0.0388565	1.79505	1.79505	0.164254	0.695567	-1.43768	2.80432	2.65755	0.842366	1
cg14093363	PIK3AP1	0.0806535	0.105586	0.550856	-1.81536	0.185805	0.62304	-1.60503	0.349923	1.38335	1.38335	0.395892	1.34075	1.34075	0.247579	0.665169	-1.50338	0.34682	1.38642	1.38642	0.0149603	2.74304	2.74304	0.0892696	1.8813	1.8813	0.688365	0.872863	-1.14566	2.80431	5.05199	1.60134	1
cg21318835	EHMT2;EHMT2	0.0806538	0.241142	0.80509	-1.2421	0.328909	1.19487	1.19487	0.136746	0.753342	-1.32742	0.890685	0.975996	-1.02459	0.318469	1.19983	1.19983	0.0126762	1.72881	1.72881	0.053632	1.47288	1.47288	0.924393	0.983368	-1.01691	0.128852	1.3364	1.3364	2.80431	1.38655	0.439499	1
cg03575373	MIR570	0.0806558	0.0460918	1.99121	1.99121	0.156342	0.633226	-1.57922	0.901739	1.03792	1.03792	0.479205	1.24205	1.24205	0.676193	0.881108	-1.13493	0.0750187	1.81749	1.81749	0.0283388	2.18144	2.18144	0.0299499	2.15884	2.15884	0.525396	1.214	1.214	2.80428	4.03301	1.27837	1
cg05924065	NPM1;NPM1;NPM1;NPM1;NPM1;NPM1	0.0806569	0.850602	0.951481	-1.05099	0.0171806	2.15095	2.15095	0.0216752	2.0691	2.0691	0.676043	1.11723	1.11723	0.661689	1.12316	1.12316	0.695442	1.10935	1.10935	0.27806	0.742658	-1.34652	0.0239899	2.03456	2.03456	0.323452	1.30866	1.30866	2.80426	3.0901	0.979491	1
cg06950942	CLDN19;CLDN19	0.0806594	0.0527955	0.366152	-2.73111	0.194955	0.53488	-1.86958	0.0667912	0.391415	-2.55483	0.100984	0.440519	-2.27005	0.0057462	0.19161	-5.21894	0.360053	0.650843	-1.53647	0.0636988	0.386179	-2.58947	0.107297	0.448296	-2.23067	0.129477	0.473471	-2.11206	2.80423	9.25199	2.93271	1
cg02945296	FBXL15;FBXL15	0.0806597	0.226508	0.758919	-1.31766	0.134139	1.42038	1.42038	0.164403	1.38026	1.38026	0.446318	0.844817	-1.18369	0.0337759	0.583621	-1.71344	0.942461	1.0158	1.0158	0.0238257	0.5566	-1.79662	0.315233	1.25307	1.25307	0.671695	1.09703	1.09703	2.80422	2.09594	0.664376	1
cg18364769	CYP46A1	0.0806599	0.803151	1.14206	1.14206	0.16965	0.459314	-2.17716	0.0831376	0.360495	-2.77396	0.00752789	0.160565	-6.228	0.206307	2.03185	2.03185	0.58418	1.3417	1.3417	0.212606	2.01008	2.01008	0.393927	0.628502	-1.59108	0.549653	0.72474	-1.37981	2.80422	12.5619	3.9819	1
cg26968025	PRKCA	0.0806612	0.906282	1.05268	1.05268	0.55148	1.30037	1.30037	0.129119	0.489263	-2.04389	0.371857	0.670536	-1.49134	0.0292993	3.06252	3.06252	0.436562	1.41338	1.41338	0.629653	0.80912	-1.23591	0.00892617	4.26362	4.26362	0.931931	1.03794	1.03794	2.8042	8.4394	2.67516	1
cg23617848	GPR133	0.0806637	0.0461591	0.153769	-6.50328	0.10588	0.235174	-4.25217	0.399893	0.493514	-2.02628	0.291866	0.408098	-2.45039	0.0222415	0.105851	-9.44722	0.0365839	0.136601	-7.32061	0.0396778	0.14237	-7.02394	0.0217099	0.104538	-9.56593	0.257905	0.380036	-2.63133	2.80417	29.8261	9.45454	1
cg14968361	MOBP;MOBP	0.0806639	0.013625	0.166047	-6.02241	0.0513371	0.271088	-3.68884	0.0409864	0.249679	-4.00514	0.729683	1.2264	1.2264	0.217701	0.466299	-2.14455	0.0706681	0.304711	-3.2818	0.0438517	0.255922	-3.90744	0.971402	0.97913	-1.02131	0.723251	0.811246	-1.23267	2.80416	15.3722	4.87283	1
cg02073081	VGLL4	0.0806671	0.0367358	0.416216	-2.4026	0.103427	0.525517	-1.90289	0.103566	0.525679	-1.9023	0.333898	0.697661	-1.43336	0.0144676	0.336717	-2.96985	0.307765	0.682929	-1.46428	0.014869	0.338855	-2.95111	0.0720058	0.484111	-2.06564	0.238683	0.640323	-1.56171	2.80412	5.79506	1.837	1
cg05962404	GANAB;GANAB;INTS5	0.0806678	0.0590529	0.46648	-2.14371	0.07319	0.489319	-2.04366	0.260819	1.52122	1.52122	0.674326	1.16321	1.16321	0.0752109	0.492304	-2.03127	0.187913	0.607043	-1.64733	0.0130385	0.332269	-3.00961	0.151604	0.577199	-1.73251	0.410721	0.740142	-1.35109	2.80411	5.68279	1.80142	1
cg01938359	CLPTM1L	0.0806683	0.450186	0.878151	-1.13876	0.00383467	0.517787	-1.9313	0.873187	1.02734	1.02734	0.165081	1.28412	1.28412	0.325807	0.842542	-1.18688	0.341229	1.18012	1.18012	0.461692	0.881138	-1.1349	0.463332	0.881561	-1.13435	0.158834	0.775437	-1.2896	2.8041	1.26654	0.401487	1
cg06289802	SLC9A3R1	0.0806697	0.753145	1.28379	1.28379	0.00804319	14.7087	14.7087	0.0281126	7.79508	7.79508	0.42091	1.91757	1.91757	0.216684	0.357251	-2.79915	0.393941	1.99656	1.99656	0.123862	3.74176	3.74176	0.353428	2.12979	2.12979	0.543657	0.61464	-1.62697	2.80408	27.8442	8.82658	1
cg17154724	DNM3;DNM3	0.0806697	0.153262	0.222628	-4.4918	0.543327	1.82044	1.82044	0.385048	0.4194	-2.38436	0.0383594	0.0918664	-10.8854	?	?	?	0.736016	0.719585	-1.38969	?	?	?	?	?	?	0.0130058	0.0449968	-22.2238	3.12916	30.5573	11.3929	1
cg25925670	SMG6;SRR;SMG6;SMG6	0.0806708	?	?	?	0.0778525	1.79417	1.79417	0.0295283	2.14787	2.14787	0.445884	0.793106	-1.26086	0.340187	0.74585	-1.34075	0.0637646	0.537049	-1.86203	0.137185	0.620281	-1.61217	0.913055	0.967943	-1.03312	0.5771	1.18299	1.18299	2.83854	3.55608	1.25279	1
cg14254080	C2orf89	0.0806712	0.030542	3.48325	3.48325	0.057694	2.86852	2.86852	0.373813	0.63874	-1.56558	0.0555031	0.344518	-2.9026	0.108435	2.36275	2.36275	0.531605	0.732619	-1.36497	0.298909	0.589398	-1.69665	0.616039	1.2818	1.2818	0.634565	1.26505	1.26505	2.80406	10.707	3.39413	1
cg18577509	COQ6;FAM161B	0.0806741	0.913725	1.0308	1.0308	0.00629368	0.369283	-2.70795	0.0581509	1.82101	1.82101	0.63292	0.873981	-1.14419	0.749569	0.914253	-1.09379	0.763262	1.08824	1.08824	0.51597	0.831628	-1.20246	0.221416	1.43303	1.43303	0.18955	0.677738	-1.4755	2.80402	3.47983	1.10313	1
cg08270567	SKI	0.0806767	0.144184	2.08973	2.08973	0.0336537	3.20788	3.20788	0.0143241	4.13152	4.13152	0.252126	1.7542	1.7542	0.0520298	2.82471	2.82471	0.0484136	2.8847	2.8847	0.0268296	3.42837	3.42837	0.252318	1.75377	1.75377	0.364742	1.54888	1.54888	2.80398	9.80122	3.10708	1
cg25637966	TMPRSS4;TMPRSS4	0.0806777	0.110172	0.539531	-1.85346	0.04753	2.23287	2.23287	0.302344	0.68476	-1.46037	0.269602	0.665346	-1.50298	0.0568908	0.46593	-2.14625	0.254436	0.655899	-1.52462	0.0491563	0.451182	-2.2164	0.0535423	0.459749	-2.1751	0.410315	0.741999	-1.34771	2.80397	5.57814	1.76833	1
cg01344813	NCKAP5;NCKAP5	0.0806788	0.0126748	0.424387	-2.35634	0.60544	1.15507	1.15507	0.42732	1.25132	1.25132	0.862235	1.04922	1.04922	0.0307694	0.495687	-2.0174	0.447667	1.23872	1.23872	0.473502	1.22344	1.22344	0.775279	0.923875	-1.0824	0.059079	0.554538	-1.8033	2.80395	3.39836	1.07732	1
cg12734710	SSU72	0.0806805	0.1478	1.63378	1.63378	0.280805	1.42531	1.42531	0.0199538	2.43017	2.43017	0.0645937	1.92759	1.92759	0.254634	0.686586	-1.45648	0.682528	1.13884	1.13884	0.225522	0.668725	-1.49538	0.787531	1.08915	1.08915	0.0360941	2.16104	2.16104	2.80393	4.43816	1.40697	1
cg04636672	ZNF267	0.0806841	0.0152443	6.96676	6.96676	0.0597997	3.98899	3.98899	0.322336	1.94637	1.94637	0.104686	3.17475	3.17475	0.0326158	5.09858	5.09858	0.161089	2.65131	2.65131	0.483663	1.58994	1.58994	0.0951957	3.30123	3.30123	0.0196428	6.27255	6.27255	2.80388	18.844	5.97394	1
cg22167839	SEPT7;SEPT7	0.0806847	0.147405	1.1062	1.1062	0.0900422	1.12897	1.12897	0.336816	0.93773	-1.0664	0.91948	0.993457	-1.00659	0.0657535	0.87442	-1.14346	0.179342	1.09702	1.09702	0.487323	1.04688	1.04688	0.202272	1.09134	1.09134	0.0179868	1.20518	1.20518	2.80387	0.187179	0.0593401	1
cg14813579	SPPL2B;SPPL2B;SPPL2B;SPPL2B;LSM7	0.0806849	0.0318177	0.425666	-2.34926	0.698022	1.14151	1.14151	0.299787	0.694358	-1.44018	0.00951173	0.327889	-3.04981	0.214593	0.641788	-1.55815	0.100234	0.542637	-1.84285	0.0466116	0.461398	-2.16733	0.0689798	0.501176	-1.99531	0.415919	0.754082	-1.32612	2.80386	5.11702	1.62221	1
cg03798852	CENPA;CENPA	0.0806853	0.0810603	0.811103	-1.23289	0.41863	0.914431	-1.09358	0.0507627	1.27239	1.27239	0.470441	1.08272	1.08272	0.0716236	1.24325	1.24325	0.0256247	0.750526	-1.3324	0.582548	1.06193	1.06193	0.861855	0.981324	-1.01903	0.953106	1.00639	1.00639	2.80386	0.520243	0.164929	1
cg07271473	NCRNA00114;NCRNA00114;NCRNA00114	0.0806873	0.854085	1.04032	1.04032	0.450958	0.847963	-1.1793	0.00331606	0.423713	-2.36009	0.236348	1.30529	1.30529	0.070688	0.648119	-1.54293	0.97653	0.993703	-1.00634	0.401318	0.831563	-1.20255	0.641634	1.10588	1.10588	0.996748	0.999125	-1.00088	2.80383	2.0473	0.649049	1
cg20691727	OR1S1	0.0806873	0.109643	0.353693	-2.82731	0.311	0.535454	-1.86757	0.0717974	0.301855	-3.31285	0.883754	1.0911	1.0911	0.0105357	0.146943	-6.80536	0.506884	0.669469	-1.49372	0.689897	0.787418	-1.26997	0.437164	0.623551	-1.60372	0.00904518	0.138463	-7.22216	2.80383	15.769	4.99918	1
cg22528521	DAZAP1;DAZAP1	0.0806876	0.105954	1.88179	1.88179	0.510699	1.26982	1.26982	0.375337	1.38509	1.38509	0.114932	1.84734	1.84734	0.741794	0.888359	-1.12567	0.193548	1.63652	1.63652	0.0320863	2.4571	2.4571	0.00742306	3.43732	3.43732	0.0456246	2.27186	2.27186	2.80382	5.69255	1.80469	1
cg04625905	ATP10B	0.0806883	0.40425	1.35457	1.35457	0.0898561	0.514347	-1.94421	0.286482	0.674623	-1.48231	0.0753126	2.02217	2.02217	0.221233	1.57973	1.57973	0.329041	1.43077	1.43077	0.009781	3.19508	3.19508	0.762811	0.897959	-1.11364	0.567596	1.22807	1.22807	2.80381	5.6152	1.78018	1
cg03945538	PRDX6	0.0806885	0.0418303	0.362749	-2.75673	0.546847	0.768311	-1.30156	0.254546	0.597938	-1.67241	0.162238	0.52465	-1.90603	0.0267866	0.321705	-3.10843	0.120122	0.48247	-2.07267	0.0193158	0.294329	-3.39756	0.0469372	0.374141	-2.67279	0.0368173	0.350517	-2.85293	2.80381	8.2977	2.63061	1
cg26104428	SH3BGR;LCA5L	0.08069	0.318229	1.15016	1.15016	0.175633	0.822596	-1.21566	0.390488	0.887521	-1.12673	0.124386	0.798019	-1.2531	0.446316	1.11101	1.11101	0.0464701	1.36241	1.36241	0.0163198	0.67153	-1.48914	0.641169	0.938332	-1.06572	0.530775	1.08992	1.08992	2.80379	0.816601	0.258888	1
cg20294810	ST3GAL1;ST3GAL1	0.0806932	0.0183717	0.411525	-2.42999	0.320374	0.727141	-1.37525	0.603333	0.849862	-1.17666	0.322501	1.3732	1.3732	0.0901823	0.560173	-1.78516	0.104812	0.57689	-1.73343	0.0537754	0.50683	-1.97305	0.741259	0.902283	-1.1083	0.0212051	0.423271	-2.36255	2.80375	4.2764	1.35578	1
cg27626762	DHTKD1	0.0806936	0.0692013	0.610122	-1.63902	0.665436	0.899663	-1.11153	0.244496	1.34434	1.34434	0.0135029	0.475631	-2.10247	0.0440905	0.569964	-1.7545	0.888819	1.03458	1.03458	0.397435	1.2344	1.2344	0.577807	0.872274	-1.14643	0.29441	1.30251	1.30251	2.80374	2.62284	0.831538	1
cg26720125	SIM2;SIM2	0.0806944	0.146337	0.551376	-1.81364	0.712844	0.86837	-1.15158	0.884801	1.05691	1.05691	0.537501	0.787905	-1.26919	0.00393183	4.39935	4.39935	0.28614	0.655123	-1.52643	0.713857	0.868826	-1.15098	0.1992	1.67855	1.67855	0.700484	0.862797	-1.15902	2.80373	6.47321	2.05226	1
cg17029168	NKX2-2;NKX2-2	0.0806949	0.251005	1.18205	1.18205	0.0426423	0.722198	-1.38466	0.784435	1.03898	1.03898	0.327807	0.868616	-1.15126	0.0173302	0.667552	-1.49801	0.490928	0.907042	-1.10249	0.101944	0.779085	-1.28356	0.552146	1.08749	1.08749	0.151975	1.23864	1.23864	2.80372	0.863467	0.273753	1
cg25598306	UBE2W;UBE2W	0.0806993	0.75977	0.946698	-1.0563	0.291105	0.8223	-1.2161	0.112079	0.734185	-1.36205	0.160248	1.30726	1.30726	0.0887681	0.71514	-1.39833	0.781406	0.951535	-1.05093	0.0291947	1.5824	1.5824	0.670458	0.926405	-1.07944	0.045354	0.663663	-1.50679	2.80366	1.41627	0.449024	1
cg04867684	SPIN1	0.0807022	0.279524	0.807796	-1.23794	0.0133702	1.78911	1.78911	0.816079	1.04523	1.04523	0.581479	0.899693	-1.11149	0.688134	0.926254	-1.07962	0.912326	1.02113	1.02113	0.137553	0.738136	-1.35476	0.0645977	0.674271	-1.48308	0.0981199	1.41123	1.41123	2.80361	1.60055	0.507457	1
cg13681781	QSOX2	0.0807028	0.909476	0.95451	-1.04766	0.0976128	2.10433	2.10433	0.263406	0.620496	-1.61161	0.977795	0.988672	-1.01146	0.00661235	0.23618	-4.23407	0.64701	0.828012	-1.20771	0.122525	0.504098	-1.98374	0.262316	1.61352	1.61352	0.27216	0.626332	-1.5966	2.80361	7.43983	2.35881	1
cg13279955	TNXB	0.080703	0.21538	1.20595	1.20595	0.183129	1.22488	1.22488	0.823521	1.0326	1.0326	0.795192	1.03806	1.03806	0.487691	0.903706	-1.10655	0.875358	1.0228	1.0228	0.00201863	1.86913	1.86913	0.331629	1.1547	1.1547	0.189383	1.22097	1.22097	2.8036	0.915688	0.290321	1
cg18516268	RPL23	0.080704	0.0340093	0.293017	-3.41277	0.713732	0.832958	-1.20054	0.227708	0.533588	-1.8741	0.379676	1.56368	1.56368	0.0283405	0.276939	-3.61091	0.0450509	0.319558	-3.12932	0.381183	0.640467	-1.56136	0.85328	0.912256	-1.09618	0.0205241	0.25045	-3.99281	2.80359	10.9261	3.46418	1
cg08608532	PCCA;PCCA	0.0807043	0.908523	0.958771	-1.043	0.507084	1.28026	1.28026	0.258481	1.54445	1.54445	0.0973463	0.508612	-1.96614	0.0251842	0.367005	-2.72476	0.0149535	0.322101	-3.10462	0.662468	1.17472	1.17472	0.333875	1.4431	1.4431	0.575952	0.812783	-1.23034	3.00092	6.24179	1.61774	1
cg16007019	RSPH1	0.0807047	0.818759	1.01624	1.01624	0.0257834	1.20427	1.20427	0.449029	1.05566	1.05566	0.436168	1.05736	1.05736	0.16411	1.10986	1.10986	0.161694	1.11062	1.11062	0.0194862	0.820164	-1.21927	0.27704	0.923697	-1.08261	0.646341	1.03297	1.03297	2.80358	0.218859	0.0693904	1
cg02422616	WDR60	0.0807077	0.0971352	1.24389	1.24389	0.0736928	0.787415	-1.26998	0.232118	0.86052	-1.16209	0.417601	1.10439	1.10439	0.623025	1.06119	1.06119	0.188877	0.846317	-1.18159	0.0144332	1.43533	1.43533	0.43882	1.09928	1.09928	0.743096	0.961342	-1.04021	2.80354	0.638014	0.202289	1
cg07140158	HIST1H4E	0.080708	0.37621	0.839973	-1.19051	0.0520337	1.52874	1.52874	0.276357	1.24288	1.24288	0.533757	1.12865	1.12865	0.722837	0.933901	-1.07078	0.697172	1.07799	1.07799	0.00542563	0.495276	-2.01908	0.971036	1.007	1.007	0.56277	0.893722	-1.11892	2.80353	1.63734	0.519135	1
cg14369405	MAPRE2;MAPRE2	0.0807082	0.847942	1.02281	1.02281	0.290533	1.13753	1.13753	0.00369332	1.58558	1.58558	0.0743133	0.791667	-1.26316	0.207807	1.16886	1.16886	0.37771	1.11219	1.11219	0.565826	1.07057	1.07057	0.770054	1.03503	1.03503	0.497359	1.08431	1.08431	2.80353	0.6128	0.194295	1
cg20276750	PPM1M;PPM1M	0.0807093	0.0214476	0.53963	-1.85312	0.0726577	1.56372	1.56372	0.0580976	0.619932	-1.61308	0.576586	0.881674	-1.13421	0.207632	0.743322	-1.34531	0.333036	1.24972	1.24972	0.753415	0.932066	-1.07289	0.254675	0.766816	-1.30409	0.0967252	0.665615	-1.50237	2.80351	2.21281	0.7016	1
cg23825830	ACAA2	0.0807112	0.0302038	0.604199	-1.65508	0.35876	0.829806	-1.2051	0.761776	1.06195	1.06195	0.84226	0.961374	-1.04018	0.015513	0.556039	-1.79843	0.0263001	0.593951	-1.68364	0.0445426	0.633776	-1.57784	0.235	0.781858	-1.279	0.956629	0.989306	-1.01081	2.80349	1.73542	0.550243	1
cg04889045	PIGK	0.080712	0.0403254	0.544209	-1.83753	0.00851194	0.422093	-2.36915	0.103978	0.633412	-1.57875	0.630451	1.1326	1.1326	0.129021	0.656154	-1.52403	0.331815	0.773226	-1.29328	0.459308	1.21354	1.21354	0.713989	1.09917	1.09917	0.621373	1.13642	1.13642	2.80347	2.92962	0.928885	1
cg14690343	SART3;ISCU;ISCU	0.0807171	0.0121822	7.53689	7.53689	0.840277	0.877682	-1.13936	0.0945518	3.28098	3.28098	0.0167136	6.61086	6.61086	0.5068	0.646964	-1.54568	?	?	?	0.801318	0.849568	-1.17707	0.588347	1.42377	1.42377	0.674059	1.31456	1.31456	2.83786	16.701	5.88507	1
cg20221308	ZFP82	0.0807178	0.0128075	0.590705	-1.69289	0.0256387	0.636727	-1.57053	0.426638	0.870911	-1.14822	0.0452308	0.676259	-1.47872	0.107071	0.741157	-1.34924	0.441989	0.875035	-1.14281	0.239563	1.23331	1.23331	0.661751	0.927779	-1.07784	0.502697	0.890629	-1.1228	2.80339	1.28733	0.408182	1
cg00075589	ZNF142;BCS1L;BCS1L	0.0807198	0.798977	0.919136	-1.08798	0.730699	0.892085	-1.12097	?	?	?	0.482263	0.789398	-1.26679	?	?	?	0.0163421	0.367387	-2.72192	0.0609897	2.03543	2.03543	0.344872	1.38101	1.38101	0.120052	0.568855	-1.75792	3.07533	4.04614	1.31568	1
cg26551791	MIR888;MIR890	0.08072	0.234624	2.55117	2.55117	0.578412	0.655733	-1.52501	0.143529	0.306786	-3.2596	0.102151	0.260588	-3.83748	0.0178903	0.114921	-8.70165	0.161141	0.324627	-3.08046	0.982929	1.01621	1.01621	0.954875	0.958352	-1.04346	0.0151614	0.106165	-9.41931	2.80336	25.0914	7.95597	1
cg21333033	C2orf54;C2orf54	0.0807203	0.0901323	0.592627	-1.6874	0.0995271	0.60308	-1.65816	0.00325407	0.324987	-3.07704	0.878871	1.04365	1.04365	0.64731	0.878946	-1.13773	0.68993	1.11888	1.11888	0.41349	1.26388	1.26388	0.882307	0.959352	-1.04237	0.415737	0.792146	-1.26239	2.80336	3.4838	1.10464	1
cg05213267	DIP2C	0.0807213	0.736373	1.181	1.181	0.0284315	0.279875	-3.57302	0.572683	0.75529	-1.324	0.130699	2.23351	2.23351	0.0982425	2.44223	2.44223	0.407492	1.51767	1.51767	0.0267434	3.64103	3.64103	0.151509	2.13109	2.13109	0.94568	0.967008	-1.03412	2.80334	10.7631	3.41278	1
cg17852326	HLX	0.0807226	0.870959	0.924212	-1.082	0.0549212	2.87283	2.87283	0.603893	1.28884	1.28884	0.0344847	0.302558	-3.30515	0.176103	0.497922	-2.00834	0.863164	0.919772	-1.08723	0.0665571	0.368848	-2.71115	0.394376	1.52642	1.52642	0.0620692	0.361161	-2.76885	2.80332	10.435	3.30877	1
cg26427908	SLC6A19;SLC6A18	0.0807227	0.307863	1.29473	1.29473	0.0725712	0.612464	-1.63275	0.637986	0.890494	-1.12297	0.913989	0.973907	-1.02679	0.0286848	0.531756	-1.88056	0.0728237	1.63188	1.63188	0.0507392	0.579996	-1.72415	0.949039	0.98448	-1.01576	0.157554	0.690843	-1.44751	2.80332	2.65891	0.843099	1
cg19447217	NSUN2	0.0807238	0.57681	0.931161	-1.07393	0.893586	1.01708	1.01708	0.00271918	0.592296	-1.68835	0.0751776	0.778285	-1.28488	0.639042	0.941985	-1.06159	0.482683	0.913692	-1.09446	0.511548	0.91922	-1.08788	0.512785	0.919453	-1.0876	0.0409142	0.741919	-1.34786	2.80331	0.710591	0.225319	1
cg15442610	PIK3R2	0.0807268	0.0129644	2.02237	2.02237	0.34694	1.24755	1.24755	0.190182	1.3728	1.3728	0.90909	0.974251	-1.02643	0.782019	0.938621	-1.06539	0.229306	1.33388	1.33388	0.036648	0.574353	-1.74109	0.115086	1.47888	1.47888	0.390238	1.2227	1.2227	2.80326	2.31558	0.734248	1
cg21189321	IL17RC;IL17RC;IL17RC	0.0807287	0.153765	0.332357	-3.00881	0.908871	0.920726	-1.0861	0.0854581	0.253767	-3.94062	0.282033	0.446471	-2.23979	0.00878868	0.0900961	-11.0993	0.0336892	0.167095	-5.98462	0.0236899	0.142555	-7.01486	0.282998	0.447249	-2.23589	0.181438	0.359413	-2.78232	2.80324	23.0995	7.32469	1
cg21655448	HCG22	0.0807291	0.0951079	0.508068	-1.96824	0.00572795	0.262521	-3.80922	0.0956827	0.508781	-1.96548	0.137999	0.554492	-1.80345	0.0231321	0.366895	-2.72557	0.135358	0.551952	-1.81175	0.342541	0.696934	-1.43486	0.266312	0.652044	-1.53364	0.88008	0.945784	-1.05732	2.80323	6.05242	1.91919	1
cg09510202	PHACTR1	0.0807292	0.317755	1.69939	1.69939	0.762657	0.856583	-1.16743	0.753271	1.17489	1.17489	0.0479468	3.25359	3.25359	0.179679	0.479581	-2.08516	0.0997365	0.392639	-2.54687	0.207689	1.98235	1.98235	0.284824	1.76984	1.76984	0.0166492	4.67475	4.67475	3.00051	12.1419	3.14735	1
cg07880109	KIAA0748	0.0807297	0.355541	0.485501	-2.05973	0.538723	0.622987	-1.60517	0.327579	0.463769	-2.15624	0.301559	0.443174	-2.25645	0.878133	0.889884	-1.12374	0.666407	0.719107	-1.39061	0.00740943	0.0725967	-13.7747	0.00677469	0.0693744	-14.4145	0.138948	0.29791	-3.35672	2.80322	25.6644	8.13805	1
cg23998662	KCNK6	0.0807301	0.00385441	0.440654	-2.26935	0.658954	1.09799	1.09799	0.580959	0.88929	-1.12449	0.0855573	1.49176	1.49176	0.502989	1.15379	1.15379	0.562316	0.88401	-1.13121	0.209223	0.756878	-1.32122	0.81618	1.05023	1.05023	0.901594	0.974303	-1.02638	2.80322	1.96637	0.623528	1
cg08452061	DUSP1	0.0807333	0.0961283	0.288092	-3.47111	0.0846093	0.27278	-3.66595	0.266301	0.454365	-2.20087	0.138189	0.337172	-2.96585	0.0585864	0.233356	-4.28531	0.409527	0.563013	-1.77616	0.0297601	5.70897	5.70897	0.110235	0.305585	-3.27242	0.523095	0.643532	-1.55392	2.80317	20.5933	6.53015	1
cg18593727	HCLS1	0.0807338	0.0451687	0.213936	-4.67429	0.987377	0.989441	-1.01067	0.0660458	0.250657	-3.98952	0.754658	1.23411	1.23411	0.804187	1.18139	1.18139	0.0452559	0.214108	-4.67054	0.0190221	0.148818	-6.7196	0.0738282	0.26261	-3.80793	0.0927987	0.289102	-3.45899	2.80316	19.9892	6.33861	1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney,
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg13230348	ATF3;ATF3;ATF3	0.0807357	0.317275
cg09350274	GFRA3	0.0807361	0.0480834
cg04591732	BAHCC1	0.0807365	0.892865
cg09550793	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.0807368	0.0919314
cg05916255	ABCC2	0.0807389	0.875184
cg22893248	ACTR3C;ACTR3C;LRRC61;LRRC61	0.0807398	0.0482408
cg17512401	CLDN19;CLDN19	0.0807407	0.0305759
cg09656426	FGF13;FGF13;FGF13	0.0807414	0.0422077
cg15187223	RASA3	0.0807424	0.126047
cg05023013	MEI1	0.0807451	0.0786337
cg26834244	NRAP;NRAP	0.0807462	0.697227
cg11044162	ADAMTS9	0.080747	0.317854
cg20010565	C2orf60;C2orf60;C2orf47	0.0807474	0.593747
cg07099009	CRIM1	0.0807474	0.106017
cg15044248	SEPT9;SEPT9;SEPT9;SEPT9	0.0807494	0.403045
cg18610889	CAMK4;CAMK4	0.0807519	0.645139
cg06221416	GOT1	0.0807535	0.0705228
cg25690715	SEPT9;SEPT9;SEPT9	0.0807537	0.202821
cg16718760	ERC2	0.080758	0.124908
cg27074971	HK1;HK1;HK1	0.0807587	0.764116
cg17994379	KIF18B	0.0807599	0.391235
cg09399801	GOLGA8B	0.0807601	0.145491
cg03976877	VIPR2;VIPR2	0.0807615	0.300784
cg17544584	HECW1	0.0807627	0.241744
cg26384430	NPY2R	0.0807627	0.0197328
cg14553853	WDFY3;C4orf12	0.0807658	0.0113537
cg06776976	TMEM206	0.0807662	0.0173843
cg11758407	LOC100128542	0.08077	0.259719
cg06483978	ASPSCR1	0.0807707	0.905489
cg01971122	CALCA;CALCA;CALCA	0.0807715	0.360523
cg24957423	KIAA1549;KIAA1549	0.0807718	0.449308
cg10593256	ZNF700	0.080773	?
cg17881958	ERCC6	0.0807735	0.308033
cg16400971	ENTPD6;ENTPD6	0.0807741	0.381557
cg23922730	ZMAT1	0.0807744	0.25792
cg08331398	PSMB8;PSMB8	0.0807762	0.205518
cg05852052	RSL1D1	0.080779	0.0724308
cg10606059	TRPA1	0.0807795	0.704874
cg04093047	LOC100128071;LOC100128071;TSSK3	0.080781	0.0239576
cg26131881	XPO1	0.0807831	0.121609
cg10884288	RADIL	0.0807843	?
cg08155994	TMPRSS9	0.0807852	0.520243
cg26934362	LPCAT1	0.0807861	0.0849283
cg10542123	ADARB2	0.0807869	0.145382
cg03864121	CTDP1;CTDP1	0.0807878	0.379203
cg18902440	HLA-DQB1	0.0807878	0.308582
cg01442843	RASSF5;RASSF5;RASSF5	0.0807971	0.0255211
cg10358533	CHST8;CHST8	0.080799	0.065326
cg00381684	CFB;CFB	0.080803	0.0876553
cg03927470	ERCC4	0.0808044	0.501225
cg07804773	AKAP12;AKAP12	0.0808056	0.121849
cg02319067	C16orf54	0.080808	0.0374808
cg00186909	PLEKHG7	0.080808	0.0992581
cg01802485	EPB41L4A	0.0808094	0.667353
cg17447240	PDGFA;PDGFA	0.0808104	0.927493
cg11478000	FCGR1A	0.0808114	0.237396
cg06352370	XKR8	0.0808134	0.0615263
cg12575557	SPDEF	0.0808151	0.317691
cg21233506	ACVR2A	0.0808232	0.213538
cg06208382	PPM1H	0.0808242	0.168514
cg11861940	HLA-E	0.0808277	?
cg26178523	FAM104A;C17orf80;FAM104A;C17orf80;C17orf80	0.0808303	0.0531372
cg15482690	TARDBP;TARDBP	0.0808307	0.161613
cg11949060	C1QL4	0.0808316	0.204771
cg25460059	WEE1;WEE1	0.0808324	0.870579
cg15616358	CPT1A;CPT1A	0.0808342	0.201454
cg02229135	MIR548F5;NBEA	0.0808349	0.132652
cg22481974	SLC25A10	0.0808362	0.260402
cg18119735	ACTN2	0.0808391	0.586075
cg08723571	OBSCN;OBSCN	0.0808391	0.0956428
cg05751148	PTPRCAP	0.0808421	0.67758
cg21822905	PEX10;PEX10	0.0808426	0.625513
cg16846518	EEFSEC	0.0808436	0.0216215
cg03769992	WDFY4	0.0808471	0.0719131
cg23798120	SFRS3	0.0808509	0.0675409
cg06121352	GRM1;GRM1	0.0808516	0.0583598
cg26335620	EHD2	0.0808518	0.0397095
cg25460985	STAMBP;STAMBP;STAMBP	0.0808559	0.0347345
cg22876829	SART1	0.0808564	0.507219
cg16044603	SLC12A7	0.0808566	0.26934
cg08621926	WDR33;WDR33;WDR33	0.0808567	0.19892
cg16863294	CDX4	0.0808567	0.0153577
cg09470983	TFRC;TFRC	0.0808586	0.930152
cg12264049	MED28	0.0808588	0.192348
cg20578175	ADAMTS17	0.0808596	0.638612
cg26560732	LDHB	0.0808605	0.164391
cg12469381	CHN2;CHN2	0.0808607	0.481866
cg07360731	MMP17	0.0808616	0.0382114
cg05266142	RASA3	0.0808639	0.374392
cg22416721	DMP1;DMP1	0.0808673	0.336068
cg13844248	BRIP1	0.0808683	0.586068
cg03121834	PILRA;PILRA;PILRA	0.0808693	0.0574122
cg04761768	MIR453;MIR485;MIR668	0.0808696	0.191134
cg16465430	SLC7A7	0.0808704	0.249106
cg08033901	ZNF124	0.0808704	0.538496
cg23438592	MMP3	0.0808708	0.124839
cg23522862	ARHGDIA	0.0808719	0.548238
cg02685016	RBM24;RBM24;RBM24;RBM24	0.0808722	0.599141
cg07071764	FAT3	0.0808729	0.0300473
cg20960858	TPPP	0.0808729	0.448734
cg25263189	RADIL	0.0808735	0.015513
cg26034658	PACS1	0.0808743	0.797673
cg13506244	LOC92249	0.0808743	0.334237
cg23974194	OTX2OS1	0.0808749	0.501497
cg01958928	TPD52;TPD52	0.080878	0.0186059
cg08604905	MIR17HG;MIR17HG;MIR17	0.0808788	0.914052
cg00774375	CTXN1	0.08088	0.239098
cg06899836	CD164;CD164;CD164;CD164;CD164	0.0808811	0.95275
cg04571833	RAPGEF4;RAPGEF4	0.0808812	0.532399
cg03694077	IL22	0.0808819	0.174946
cg21181474	NOTCH1	0.080882	0.390348
cg08025019	TTC32	0.0808828	0.0409047
cg00190674	RYK;RYK	0.0808854	0.0506619
cg00728300	SLC7A5	0.0808864	0.0512124
cg02344539	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0808869	0.966663
cg27191131	CEP63;CEP63;ANAPC13;CEP63;CEP63;ANAPC13;CEP63;ANAPC13	0.0808877	0.491644
cg11668749	ACTA1	0.080888	0.30343
cg13365209	UQCRQ;UQCRQ	0.0808888	0.277208
cg11678864	G3BP1;G3BP1	0.0808892	0.0156454
cg16209045	SPPL2B;SPPL2B;SPPL2B;SPPL2B;LSM7	0.0808908	0.0940325
cg13108289	AHNAK2	0.0808918	0.214946
cg27362115	FRMD8	0.0808951	0.33032
cg06480736	SLCO4C1	0.0808962	0.0973515
cg01044770	C3orf19	0.0808964	0.341455
cg22217463	GP1BA	0.0808968	0.027655
cg01605516	XRCC2	0.080897	0.0133672
cg12373771	CECR6;CECR6	0.0809005	0.303957
cg12031060	CPT1A;CPT1A	0.0809018	0.39154
cg04411941	DNAH2	0.0809025	0.765816
cg13314260	RNF14;RNF14;RNF14;RNF14;RNF14	0.0809033	0.241154
cg13819250	DHX8	0.0809038	0.0370829
cg11876979	NR2C2	0.0809044	?
cg09092525	CDH26;CDH26	0.0809046	0.0536361
cg01416295	MRPL24;MRPL24	0.0809069	0.0462835
cg20439624	ETHE1	0.0809086	0.0132937

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

Authors: Amanda M. Saratsis, Madhuri Kambhampati, Kendall Snyder, Sridevi Yadavilli , Joe Devaney, Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weiregart, Brian Rood, Suresh Magge , Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
ag03732213	LIMBTL3;LIMBTL3	0.08009109	0.18322	0.764286	1.308461	0.224987	1.274555	0.274555	1.232006	1.12803	1.012803	0.0126663	1.803376	0.807575	0.708543	0.690748	1.44771	0.578951	0.898793	1.1126	0.0960986	1.24198	1.41498	0.473549	0.870439	1.144885	0.98228	0.995781	1.004024	2.80063	1.607222	0.510115	1
ag22831313	HDDC2	0.08009111	0.205934	1.45568	0.0373677	0.506676	-1.97365	0.230901	1.441485	1.414485	0.307901	1.329536	0.541586	1.18972	1.18972	0.024536	0.470575	-2.12506	?	?	0.477098	1.22561	1.2261	0.338301	1.32018	1.32018	2.85101	3.1607	1.11488	1
ag16227131	GRHL1;GRHL1	0.0809113	0.124671	1.71357	1.71357	0.635983	0.856863	-1.16705	0.329803	0.72193	-1.38518	0.195277	1.55864	1.55864	0.00592987	0.311611	-3.20913	0.801136	0.921484	-1.08521	0.879221	1.0505	1.0505	0.163921	1.618151	1.616811	0.664978	1.15161	1.15161	2.8006	4.65594	1.47776	1
gi55824460	FAM153C	0.08009133	0.577831	0.788134	-1.26882	0.0131576	0.272022	-3.67616	0.109997	0.478208	-2.09114	0.0362418	0.365598	-2.80428	0.28022	0.628247	-1.59174	0.0257974	0.329352	-3.06793	0.0263533	0.327801	-3.05063	0.345741	0.662847	-1.50864	0.444043	0.71861	-1.39158	2.80059	7.95405	2.52456	1
gi26510975	TNRC18	0.08009141	0.107964	2.858839	-3.49847	0.381767	0.52702	-1.89746	0.173955	0.355664	-2.81164	0.159311	0.341659	-2.92689	0.00718825	0.0839455	-11.9125	0.14551	0.327595	-3.05255	0.0567496	0.214435	-4.66342	0.0799559	0.74365	-1.34472	0.0189451	0.133466	-7.60655	2.80558	22.6138	7.1775	1
gi57128519	ZBTB7A	0.08009155	0.0712336	2.03445	2.03445	0.0432258	2.26974	2.26974	0.032469	2.45669	0.00616285	5.52315	0.209046	1.55477	1.55477	0.279413	1.48641	1.48641	0.11174	1.84138	1.84138	0.527776	1.25293	1.25293	0.28892	1.47406	1.47406	2.80656	5.01552	1.74902	1
gi11121994	LRCH1;LRCH1;LRCH1	0.08009199	0.963644	1.0168	1.0168	0.58483	1.223446	1.223446	0.925348	1.03485	1.03485	0.0218341	0.365672	-2.73469	0.00683127	0.277796	-3.59977	0.402155	0.730928	-1.36812	0.924422	0.965908	-1.0353	0.423067	1.34867	1.34867	0.12644	0.546411	-1.83013	2.8005	5.92716	1.8813	1
gi20435150	CHST12	0.08009201	0.009794	0.076934	-14.0436	0.860984	1.14596	1.14596	0.845618	1.16409	1.16409	?	?	?	0.509446	0.580597	-1.72336	0.334915	0.185137	-2.59648	0.017368	0.0820648	-16.1122	0.593957	1.67585	1.67585	0.076376	1.73659	1.73659	2.80226	40.834	12.962	1
gi26031127	DAAM1;DAAM1	0.08009464	0.596089	0.910815	-1.09792	0.790887	0.954673	-1.04748	0.0736223	0.705871	-1.41668	0.141274	0.758607	-1.31821	0.315918	0.835568	-1.19679	0.00581162	0.532138	-1.87921	0.0165084	0.599591	-1.6678	0.945523	0.765738	-1.31279	0.522182	0.916918	-1.09061	2.80226	1.3525	0.429326	1
gi20457826	BCL2L1;BCL2L1	0.08009567	0.765813	1.0604	1.0604	0.295376	0.808113	-1.23745	0.202719	1.30217	1.30217	0.234821	0.783105	-1.27697	0.615548	0.905371	-1.10452	0.0138566	0.550425	-1.81678	0.0103868	0.530646	-1.8845	0.603221	0.902166	-1.10844	0.973973	1.00643	1.00643	2.80626	1.70961	0.542683	1
gi44332613	ST64	0.08009587	?	?	?	0.02755	0.0973	-1.0254	0.713005	0.75893	-1.31764	0.788755	0.990473	-1.00962	0.0499307	0.370623	-2.69876	?	?	?	0.17404	0.0177182	0.098756	-10.1035	0.50702	1.65615	1.65615	0.303367	2.23666	2.23666	2.81507	21.8528	5.58955	1
gi17790527	RPTOR;RPTOR	0.08009381	0.372702	1.25874	1.25874	0.0717566	0.603201	-1.65782	0.872923	1.04107	0.457756	1.20941	1.20941	0.00956167	0.282212	2.28212	2.28212	0.0370403	1.83832	1.838332	0.235621	1.36687	0.613737	1.1291	1.1291	0.756664	0.924822	1.08129	2.80204	2.80394	0.890063	1
gi21959181	CDK5;SLC4A2;CDK5	0.08009389	0.394426	0.88067	-1.13514	0.597029	1.0413	1.0413	0.0673586	1.27887	1.27887	0.0319523	1.2697	1.2697	0.00490891	0.737564	-1.35581	0.972113	0.98208	-1.01828	0.961737	1.3294	1.3294	0.190107	1.7254	1.1264	0.204288474	1.37111	1.37111	2.80223	0.815557	0.258251	1
gi15321997	ENTPD4;ENTPD4	0.08009389	0.04335	0.649659	-1.53927	0.607569	1.10092	1.10092	0.974512	0.994087	-1.00595	0.542644	1.12119	1.12119	0.257637	0.803107	1.24516	0.14043	0.745006	-1.34227	0.0615069	0.676397	-1.47842	0.0406724	1.55063	1.55063	0.220602	1.27002	1.27002	2.80223	1.52795	0.485025	1
gi12208848	RSU1;RSU1	0.08009419	0.225564	1.83493	1.83437	0.0606997	0.28012	0.2812	0.0122282	4.42844	4.42844	0.427055	1.49194	1.47194	0.877163	1.07652	1.07652	0.276991	1.17427	1.17427	0.130539	2.17798	0.0881637	2.45218	2.45218	0.197031	1.91583	1.91583	2.80019	10.0781	3.1992	1
gi88896629	TRY3;TRY3	0.08009429	0.53607	1.0168	1.0168	0.549354	1.15472	1.15472	0.0158506	1.42525	1.42525	0.0158096	1.42525	1.42525	0.0158096	1.42525	1.42525	0.0568206	1.602871	1.60287	0.106422	0.650165	-1.51282	0.568103	1.14509	1.14509	0.023221	1.3439	1.3439	2.80017	2.44522	0.779234	1
gi03342759	NIMD3	0.08009454	0.539617	0.688047	-1.45339	0.00346195	0.0916654	-10.9092	0.181683	2.34807	2.34807	0.102635	0.34121	-2.93074	0.911962	0.935579	-1.06886	0.323826	0.541449	-1.8469	0.835525	0.882345	-1.13334	0.96442	0.9735	-1.02722	0.448705	1.59174	1.59174	2.80014	16.0759	5.10322	1
gi46872129	SP2	0.08009461	0.0129899	0.70588	-1.41676	0.712984	1.3437	1.3437	0.260747	1.26017	1.26017	0.0664951	1.44444	1.44444	0.884171	1.02618	1.02618	0.270842	1.27245	1.27245	0.0868082	1.22038	0.770847	1.29734	1.29734	0.945442	1.03153	1.03153	2.80013	1.77352	0.442048	1.3459	1.3459	2.80013	1.39333	0.442305	1
gi05499944	IHH	0.08009466	0.559174	0.757731	-1.31973	0.0874499	0.818777	-1.80117	0.161712	0.21754	0.21754	0.756015	0.863812	-1.15766	0.465151	0.6995555	1.42948	0.244681	1.71116	1.77116	0.0799373	0.401465	-2.49088	0.396701	1.36696	1.36696	0.240557	1.44429	1.44429	2.79988	8.82982	2.80964	1
gi07287401	STK32C	0.08009463	0.052016	2.294661	-3.39604	0.0350148	0.257015	-3.89082	0.0707269	0.327287	-3.05542	0.183836	0.458487	-2.18109	0.0233375	0.223372	-4.47683	0.0604863	0.310128	-3.22447	0.449921	0.653234	-1.53084	0.020206	0.212433	-4.70738	0.24248	0.508368	-1.96708	2.80012	13.5662	4.30654	1
gi42149268	SLC10A2;SLC10A2	0.08009469	0.0961703	2.082	-2.02755	0.0746744	0.652261	-1.53511	0.213095	0.75893	-1.31764	0.788755	0.990473	-1.00962	0.0499307	0.370623	-2.69876	?	?	?	0.17404	0.0177182	0.098756	-10.1035	0.50702	1.65615	1.65615	0.303367	2.23666	2.23666	2.81507	21.8528	5.58955	1
gi20113693	TMEM86B	0.08009471	0.903623	0.972922	-1.02783	0.0966085	0.10039	-2.10039	0.708987	1.08868	1.08868	0.157371	0.709878	-1.40869	0.178587	1.08868	0.157371	0.586898	1.13239	1.13239	0.043644	1.69155	0.632783	0.816413	-1.22487	0.103743	1.49659	1.49659	2.80011	2.27757	0.72301	1
gi10099900	PSAP1	0.08009472	0.0746754	1.94973	-1.94973	0.0597329	1.0413	1.0413	0.0673586	1.27887	1.27887	0.0319523	1.2697	1.2697	0.00490891	0.737564	-1.35581	0.171512	1.74262	1.74262	0.0298814	1.41147	0.710417	1.41147	1.41147	0.0209644	1.37111	1.37111	2.80223	0.815557	0.258251	1
gi13404629	SHQ1	0.08009515	0.856153	1.909404	-1.09962	0.0521043	1.17827	1.17827	0.203292	2.01944	2.01944	0.00725131	0.163175	-6.1284	0.318939	0.583294	1.7144	0.14043	0.745006	-1.34227	0.0615069	0.676397	-1.47842	0.0406724	1.55063	1.55063	0.220602	1.27002	1.27002	2.80223	1.52795	0.485025	1
gi19387750	ULBP1	0.08009534	0.518565	1.42581	1.42581	0.119521	0.400264	-2.49835	0.941976	1.04025	1.04025	0.399786	0.62675	-1.59553	0.294382	0.249052	-4.01522	0.237918	0.515168	-1.95443	0.147206	0.430378	-2.32354	0.0214093	0.47443	0.47443	0.443739	0.654918	-1.52691	2.80002	13.0288	4.1361	1
gi03004144	SMEK1	0.08009539	0.7242388	1.0168	1.0168	0.295376	0.808113	-1.23745	0.202719	1.30217	1.30217	0.234821	0.783105	-1.27697	0.615548	0.905371	-1.10452	0.174013	0.646589	-1.54658	0.0283642	0.18297	-5.46515	0.0355564	0.98284	-1.01768	0.99999	0.98284	0.997613	0.023388	0.0117258	0.4317	1.27991	1
gi04334723	CAUR	0.08009556	0.152393	0.619738	-1.61359	0.0974423	0.566864	-1.76409	0.58579	0.842192	-1.18738	0.507025	0.846601	-1.18119	0.0202817	0.417506	-2.39517	0.258658	0.692225	-1.44462	0.0197376	0.415273	-2.40806	0.310936	1.38709	1.38709	0.0412995	0.479675	-2.08475	2.79998	4.31992	1.13741	1
gi52797164	MUC12	0.08009565	0.0673924	1.48399	-1.48399	0.0708357	0.948656	-1.05399	0.181605	0.60261	-1.65945	0.242622	0.83107	-1.20353	0.0314336	0.33003	-3.03053	0.25233	0.541543	-1.83482	0.0442754	0.2469	-4.05054	0.0314336	0.33003	-3.03053	0.0314336	0.33003	2.80002	0.182877	-0.61253	0.0862381	0.507091	1.97083	0.56163	1.78088
gi08850400	SMHT1;SHMT1	0.08009573	0.0552122	0.51065	-1.95829	0.487502	0.00043	-2.34373	0.310173	1.38364	1.38364	0.0904524	0.561667	-1.78041	0.0719758	0.533735	-1.8609	0.780666	1.09002	1.09002	0.060794	1.92129	0.731766	1.11134	1.11134	0.0670011	1.53001	1.53001	2.80001	1.88676	0.299596	0.23998	1.34604	1
gi03376129	PTPRQ;PTPRG	0.08009579	0.0105365	0.751652	-1.3304	0.245208	0.89778	-1.11386	0.103735	0.853992	-1.17097	0.564587	0.949651	-1.05302	0.379001	1.08336	1.08336	0.104551	0.854367	-1.17046	0.922682	0.991425	-1.00865	0.0881537	1.18167	1.18167	0.709333	1.03377	1.03377	2.79996	0.3498984	0.11079	1
gi12727060	AACS	0.08009619	0.0765134	1.30756	-1.30756	0.0235921	1.26841	1.26841	0.0460977	1.44444	1.44444	0.884171	1.02618	1.02618	0.270842	1.27245	1.27245	0.0488777	1.27882	1.27882	0.0415138	1.7836	0.560731	1.78361	1.78361	0.0560568	1.38277	1.38277	2.79994	1.38277	-0.61253	0.0862381	0.507091	1.97083	0.56163	1.78088
gi09807565	NMU	0.08009629	0.0589821	0.431038	-2.31998	0.270718	0.57233	1.57233	0.0223523	2.93713	2.93713	0.976726	1.01158	1.01158	0.214724	0.515948	-1.93818	0.103227	0.494915	-2.02055	0.3902	0.706469	-1.41549	0.165625	0.557918	-1.79238	0.790751	0.900371	-1.11065	2.79989	6.90634	2.19258	1
gi00547934	APBB1IP;APBB1IP	0.08009632	0.0766254	1.92992	-1.92992	0.0625359	0.3848	0.3848	0.0127464	2.60469	2.60469	0.0183611	0.385373	-2.59511	0.0340904	0.384361	-2.60255	0.466508	0.815185	-1.22657	0.0464004	0.455144	0.377713	-2.65407	0.0370651	10.511	10.511	0.0483719	0.950444	2.79987	0.450644	0.2815	0.0911445	0.279234	1
gi04632887	AVP	0.08009641	0.111451	0.39354	-2.54104	0.819202	0.88413	-1.13106	0.00848146	0.164069	-6.09501	0.0493169	0.299142	-3.34289	0.0510173	0.302548	-3.30526	0.462593	0.668834	-1.49514	0.90987	1.06281	1.06281	0.721256	0.824726	-1.21252	0.0352782	0.267454	-3.73895	2.79987	12.8302	4.07328	1
gi05374515	ADAMTS2;ADAMTS2	0.08009647	0.2239	1.65951	1.65951	0.174444	0.592021	1.68921	0.0660771	1.56107	1.56107	0.0664951	1.44444	1.44444	0.884171	1.02618	1.02618	0.270842	1.27245	1.27245	0.0868082	1.22038	0.770847	1.29734	1.29734	0.945442	1.03153	1.03153	2.79987	1.77352	0.442048	1.3459	1.3459	2.79987	1.39333	0.442305	1
gi20571410	CKorf22	0.08009672	0.709781	1.84198	-1.18176	0.188694	0.535264	-1.86824	0.371771	0.50633	-1.97433	0.0266734	0.376994	2.65258	0.0153932	0.376994	2.65258	0.0391459	1.34247	1.34247	0.0489	0.802729	1.08038	1.08038	0.400146	1.36696	1.36696	0.420557	1.44429	1.44429	2.79982	8.82982	2.80964	1
gi05341199	GPR133	0.08009682	0.0169262	0.314735	-3.17728	0.816848	1.09643	1.09643	0.384304	0.701885	-1.42473	0.416311	1.39051	1.39051	0.0111833	0.283183	-3.53129	0.685927	0.851013	-1.17507	0.387145	0.703443	-1.42158	0.157923	0.549295	-1.82052	0.0608856	0.432358	-2.3129	2.79981	6.98281	2.21692	1
gi05738884	SPATA5;LSPATA5L1	0.08009687	0.523799	0.808415	-1.23702	0.472144	0.709399	-1.41163	0.737612	0.703447	-1.42153	0.188293	0.853699	0.957201	-1.04471	0.133981	1.46679	0.568809	0.714627	-1.39917	0.0731071	0.470921	-2.1235	0.0132389	0.14667	0.14667	0.0158187	0.166153	1.14667	2.79978	2.48892	0.790506	1
gi13701730	ZNF367	0.08009701	0.369733	0.847024	-1.14325	0.561956	1.08895	1.08895	0.00331023	1.7885	1.7885	0.476405	0.900118	-1.11097	0.234772	0.834443	-1.1984	0.327646	1.15818	1.15818	0.865679	1.02491	0.809932	0.965589	-1.03564	0.203138	1.2156	1.2156	2.79978	0.936525	0.297332	1
gi03817667	VSTM2A	0.08009711	0.0162624	2.07633	2.07633	0.280051	0.756811	-1.32133	0.4039	1.23659	1.23659	0.19231	1.40911	1.40911	0.0566497	1.70973	1.70973	0.169602	0.605551	-1.65134	0.0515837	1.7348	1.7348	0.492477	1.18025	1.18025	0.515862	1.13798	1.13798	2.79977	2.74112	0.82927	1
gi20826106	FAM155A	0.08009715	0.0464665	2.236229	-2.23629	0.0138987	0.426336	-2.34528	0.0697052	0.277138	-3.60831	0.276877	0.488979	-2.04509	0.0201575	0.198454	-5.04739	0.12671	0.351681	-2.84349	0.0476938	0.23872	-4.18746	0.0140708	0.45482	0.32192	-3.10704	0.232345	-1.9104	2.79976	17.7452	5.63388	1
gi17771652	VCAN;VCAN;VCAN	0.08009715	0.0458038	0.64173	-1.55829	0.24273	0.7891	-1.26727	0.0432569	1.56918	1.56918	0.221318	0.807483	0.801435	-1.24776	0.0626055	1.59713	0.951956	1.01174	1.01174	0.0968766	0.702521	-1.42345	0.729743	0.935015	-1.0695	0.0575632	1.51603	1.51603	2.79976	1.66455	0.528475	1
gi01601443	SOX7	0.08009716	0.170324	0.611778	-1.63477	0.0780301	0.363337	-2.7525	0.0365655	0.274554	-3.64256	0.449563	0.72964	0.707422	0.377128	-2.65162	0.377128	-2.65162	0.229964	0.798472	0.372138	-2.68762	0.250784	0.370296	0.618446	-1.61727	0.370296	0.618446	-1.61727	2.79976	0.250514	0.054361	1
gi15878685	UGT2A3;UGT2A3	0.08009718	0.8909159	0.947546	-1.05536	0.425607	0.728153	-1.37334	0.0949664	0.488956	-2.04517	0.488918	1.39005	1.39005	0.00649862	0.251757	-3.97208	0.829682	1.08763	1.08763	0.127547	1.90123	1.90123	0.270114	1.5648	1.5648	0.480558	0.756086	-1.3226	2.79976	6.74199	2.1405	1
gi20692159	MAP3K14	0.08009721	0.622461	1.13206	1.13206	0.594377	0.892901	-1.11995	0.65559	1.09924	1.09924	0.150473	0.722649	-1.3838	0.0304612	0.53895	-1.85546	0.0240391	0.567071	-1.76345	0.106218	0.4604	0.4604	0.127948	1.06149	1.06149	0.679552	1.09264	1.09264	2.79974	3.96975	0.623576	1
gi22442910	VPS16;FAM113A;VPS16;FAM113A	0.08009738	0.349746	0.817535	-1.22319	0.379399	1.20772	1.20772	0.754601	1.0673	1.0673	0.515434	1.14801	1.14801	0.0663776	0.649896	-1.53871	0.084186	0.670328	-1.49181	0.0983725	0.505138	-1.97966	0.804595	1.04305	1.04305	0.231075	1.31756	1.31756	2.79973	1.94246	0.616713	1
gi26757820	ADK;ADK MIR409;MIR410;MIR412;MIR369;MIR6	0.08009744	0.0871209	1.7576	1.7576	0.191064	0.661484	-1.51175	0.0149907	0.24193	2.44193	0.289658	1.38833	1.38833	0.34413	1.33765	1.33765	0.24342	0.694631	-1.43961	0.400488	0.773431	-1.29294	0.644727	0.870567	-1.14868	0.0852733	1.76467	1.76467	2.79972	3.95172	1.25464	1
gi14285142	S6	0.08009745	0.380515	0.840251	-1.19012	0.652684	0.916075	-1.09161	0.78789	1.05357	1.05357	0.863259	1.03392	1.03392	0.490285	0.648409	-1.54224	0.198987	0.769034	-1.30033	0.0689624	1.4826	1.4826	0.0411364	1.5768	1.5768	0.0765142	0.682617	-1.46495	2.79972	1.66015	0.527085	1
gi08057985	FAM109B	0.08009747	0.0228107	1.68228	-1.68228	0.0162826	0.64229	-1.5512	0.0862399	0.693383	1.06666	0.262199	0.21137	-4.73283	0.0164401	0.210546	-4.74901	0.0763986	0.731337	-1.36783	0.0443853	0.59938	0.59938	0.0567991	1.25008	1.25008	0.816582	0.913149	-1.09511	2.7967	6.2121	2.10565	1
gi23921777	KIAA1530	0.08009762	0.263839	1.79404	1.79404	0.143965	0.454858	-2.19849	0.548367	0.737288	-1.35632	0.00700528	0.173797	-5.75385	0.274531	1.76921	1.76921	0.299544	1.71519	1.71519	0.16047	2.12206	2.12206	0.946729	0.967025	-1.0341	0.546414	0.736165	-1.35839	2.7967	11.166	3.54514	1
gi17215061	KIAA0408;CGorf174	0.08009766	0.882739	0.974023	-1.02667	0.0223506	0.469201	-2.13128	0.515916	0.889165	-1.12465	0.641281	1.08728	1.08728	0.782176	1.04942	1.04942	0.346301	1.18882	1.18882	0.357402	1.18387	0.837963	1.15153	1.15153	0.685501	1.07531	1.07531	2.79969	1.14015	0.447715	1
gi24425149	TBC1D4	0.08009768	0.21168	1.42008	1.42008	0.126318	1.40527	1.40527	0.163273	0.85908	-1.16423	0.165373	0.75908	-1.31782	0.554822	-1.80419	0.554822	-1.80419	0.0485755	0.554822	-1.80419	0.242805	-4.11881	1.3888	1.3888	0.0442976	1.64656	-1.82962	2.79964	1.03187	0.362622	1
gi16449464	MAP1D	0.08009816	0.0874362	0.521474	-1.91764	0.26396	1.49453	1.49453	0.952275	1.02087	1.02087	0.439981	0.762031	-1.31228	0.0151784	0.357227	-2.79895	0.129329	0.568061	-1.76037	0.027584	0.406971	-2.45718	0.0758874	0.50576	-1.97722	0.311896	0.696979	-1.43476	2.79962	5.27987	1.67638	1
gi09926889	RNF34;RNF34;RNF34	0.08009821	0.21821	0.657629	-1.52035	0.0678832	0.274348	-3.64511	0.0351955	0.288965	-1.1782	0.0740188	0.789747	-1.26623	0.0879798	1.02146	1.02146	0.0568857	0.774558	-1.29105	0.0214674	0.222837	-4.48809	0.0214674	0.222837	-4.48809	0.0214674	0.222837	-1.2312	2.79961	0.052332	0.018746	1
gi17287172	MYO7A;MYO7A;MYO7A	0.08009837	0.6054575	0.47464	1.07464	0.142782	1.24312	1.24312	0.736838	1.0477	1.0477	0.710935	1.05278	1.05278	0.0703158	0.1004537	6.643318	1.54544	0.382736	2.61233	0.0104	0.0027346	0.13004	7.68955	0.0104	0.0027346	0.13004	7.68955	2.79958	0.846334	0.268717	1
gi08126603	ELK3	0.08009838	0.930842	1.01847	1.01847	0.0384758	0.60309	-1.65813	0.999286	1.00019	1.00019	0.649404	0.920016	-1.08694	0.0276405	0.577427	-1.73182	0.350311	0.816485	-1.22476	0.0525308	1.59186	1.59186	0.440045	1.18066	1.18066	0.0821024	0.666147	-1.50117	2.79959	1.97211	0.626158	1
gi08503121	FLT4;FLT4	0.08009843	0.1566897	0.516384	-1.93626	0.0175985	1.23507	1.23507	0.0535	0.810465	-1.23388	0.0144442	0.810465	1.23388	0.0144442	0.810465	1.23388	0.0479462	0.179643	-5.56458	0.0228907	0.357821	-2.7947	0.0547611	0.19126	-5.22849	0.0354902	0.155873	-6.41548	2.79958	25.5508	8.15177	1
gi23716078	OPRL1;OPRL1	0.08009858	0.24118	1.28637	1.28637	0.0197647	0.78202	-1.78202	0.212882	1.30816	1.30816	0.272393	1.26425	1.26425	0.310968	0.806411	-1.24006	0.0400928	1.62726	1.62726	0.105446	0.65555	-1.43771	0.80892	0.951491	-1.05098	0.522463	0.875427	-1.1423	2.79956	1.86788	0.593072	1
gi23681199	FBXL1	0.08009874	0.300634	0.8554	-1.16892	0.0276686	0.389223	-2.57029	0.0736439	0.345455	0.345455	0.0139124	0.846601	-1.45121	0.646686	0.154355	-6.47863	0.0702059	0.724121	-1.38082	0.0178244	0.702059	-1.42453	0.0139124	0.846601	-1.45121	0.646686	0.154355	-6.47863	2.79954	23.7102	7.58463	1
gi20488968	BAT5	0.08009877	0.738355	0.835895	-1.19632	0.20291	0.05183	2.05183	0.310337	1.75296	1.75296	0.0559526	0.314194	-3.18274	0.867101	0.914339	-1.09369	0.0893088	0.367227	-2.72311	0.0294957	0.253943	-3.93789	0.409326	1.5702	1.5702	0.110548	1.53398	2.53398	2.79953	1.66766	4.025	1
gi06162138	SCN9A	0.08009878	0.692039	0.946104	-1.05697	0.592309	1.07813	1.07813	0.00579435	1.65368	1.65368	0.644789	1.11447	1.11447	0.264049	0.85043	-1.17588	0.121415	1.26325	1.26325	0.0854962	0.767563	-1.30283	0.80806	1.03431	1.03431	0.765113	1.04327	1.04327	2.79953	0.853868	0.272643	1
gi26492283	C2orf39	0.08009913	0.0804645	2.742578	-2.74258	0.0277249	0.578184	2.2627	0.0477801	2.14276	2.14276	0.0227488	0.412178	-2.42578	0.0419701	0.24178	-4.13598	0.0344342	1.08752	1.08752	0.0624972	0.704199	0.649158	1.54062	1.54062	0.0171224	1.72222	0.452406	1.41874	1.41874	2.79948	0.2602	2.94029	1
gi26005973	PCBD1	0.08009938	0.0226827	0.254946	-3.9224	0.148416	0.459967	-2.17

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	p-value(1117 vs. N)	Fold-Change(1 vs.117)	p-value(1127 vs. N)	Fold-Change(1 vs.127)	p-value(1217 vs. N)	Fold-Change(1 vs.217)	p-value(1247 vs. N)	Fold-Change(1 vs.247)	p-value(1437 vs. N)	Fold-Change(1 vs.437)	p-value(1537 vs. N)	Fold-Change(5 vs.537)	p-value(5737 vs. N)	Fold-Change(5 vs.737)	Ratio(5637 vs.637)	Ratio(5637 vs.637)	F(Error)
	MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;																						
cg08797454	MDM2;MDM2;MDM2	0.0810882	0.0274267	0.347038	-2.88153	0.151593	0.765139	-1.30695	0.0688783	2.28396	2.28396	0.198954	1.73435	1.73435	0.0442848	2.54297	2.54297	0.306631	1.53627	1.53627	0.360845	0.683133	-1.46384	0.379209	0.693529	-1.4419	0.805299	0.904668	-1.10538	2.7981	2.79284	2.31676	1
cg19903957	TATDN1;TATDN1;TATDN1;NDUFB9	0.0810884	0.579258	0.866863	-1.15359	0.175006	0.692139	-1.4448	0.980357	1.0063	1.0063	0.00417968	0.375689	-2.66178	0.0536179	0.571728	-1.74908	0.685971	0.901503	-1.10926	0.0287571	0.517912	-1.93083	0.4154	0.808676	-1.23659	0.68771	0.902055	-1.10858	2.7981	2.88381	0.916117	1
cg16504432	NAT15;NAT15;NAT15	0.0810895	0.2206328	2.06772	2.06772	0.00417564	0.717884	1.71768	0.0277225	4.34032	4.34032	0.0563276	3.38423	3.38423	0.0137344	1.33259	1.33259	0.891823	1.07979	1.07979	0.702683	1.24154	1.24154	0.675063	1.26851	1.26851	0.999812	1.00013	1.00013	2.79808	2.79808	14.3102	4.480268	1
cg18889167	SEC22B;SEC22B	0.0810896	0.575758	0.868505	-1.1514	0.463179	1.20468	1.20468	0.627299	0.88514	-1.12977	0.130341	1.5222	1.5222	0.158509	1.8181	1.8181	0.00950683	0.440774	-2.26874	0.962403	1.011182	0.931903	0.979528	-1.0209	0.357966	0.2623	0.79208	2.75565	0.87541	1
cg20307385	PSMC3	0.0810904	0.285698	0.801267	-1.34902	0.616942	0.904143	-1.10602	0.12177	1.39818	1.39818	0.0651367	0.661153	-1.51253	0.974176	1.00649	1.00649	0.0444227	0.630474	-1.58611	0.230489	0.777736	-1.28579	0.225842	1.28935	1.28935	0.0615443	1.52321	1.52321	2.78802	1.76938	0.562106	1
cg01023271	ISG15	0.0810948	0.1586211	0.306304	-3.26473	0.659615	1.41626	1.41626	0.363472	2.08196	2.08196	?	?	?	?	0.00810676	0.0698224	-14.3221				0.950871	1.04957	1.04957	0.164074	3.20862	3.20862	0.299602	2.32581	2.32581	0.341277	2.15969	2.15969	2.83232	24.5821	8.67912	1
cg20796298	FLAD1;FLAD1;FLAD1	0.0810952	0.952154	0.985913	-1.01429	0.0114477	2.31307	2.31307	0.0813368	1.0645327	-1.05788	0.164567	0.657393	-1.52116	0.2040101	1.37285	1.37285	0.113911	1.50173	1.50173	0.753888	0.928043	-1.07754	0.159511	1.42679	1.42679	0.199299	0.725672	-1.37803	2.798	2.47731	0.78701	1
cg16345507	RAGE;RAGE	0.0810957	0.0613653	0.45928	-2.17696	0.432626	0.329267	-3.03705	0.167038	0.375643	-2.6621	0.263268	1.67097	2.17097	0.183097	2.55723	2.55723	0.02579	5.81029	5.81029	0.648306	1.35694	1.35694	?	?	?	0.649533	0.737807	1.35537	2.83231	17.6155	6.21948	1
cg02470871	CD80	0.0810976	0.55639	0.81723	-1.22365	0.50881	0.796613	-1.25531	0.0330104	0.429203	-2.3299	0.558793	0.818257	-1.22211	0.0415241	0.450498	-2.21977	0.00424556	0.272988	-3.66316	0.359187	0.726258	-1.37692	0.971611	1.01215	1.01215	0.926448	1.03182	1.03182	2.79796	5.10038	1.62035	1
cg01857260	C19orf41	0.0810987	0.0869204	0.66804	-1.49722	0.0273809	0.143351	1.81301	0.0467062	1.04669	1.04669	0.0183559	0.620302	1.61232	0.0135831	1.61232	1.61232	0.400922	1.80595	1.80595	0.137923	0.676518	-1.47816	0.0970854	4.687237	4.687237	0.464314	2.15382	2.15382	2.80144	20.5442	6.65382	1
cg20886017	NEK11;NEK11	0.0811011	0.0455865	0.309649	-3.22946	0.268338	0.554555	-1.80325	0.053495	0.325784	-3.06951	0.406363	0.647663	-1.54401	0.0490965	0.148679	6.72588	0.117884	0.419643	-2.38298	0.080204	0.370366	-2.70003	0.631137	0.780841	-1.28067	0.145646	0.449802	-2.2232	2.79791	11.5883	3.68158	1
cg03922126	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.0811026	0.226136	0.755773	-1.32315	0.00406614	0.427538	-2.33897	0.521507	1.1539	1.1539	0.66137	1.10198	1.10198	0.236654	1.31413	1.31413	0.0697481	0.639657	-1.56334	0.745813	0.930847	-1.07429	0.908639	0.975026	-1.02561	0.926302	0.979823	-1.02059	2.79789	2.15086	0.683327	1
cg16649048	OPA3;OPA3	0.0811055	0.490753	1.28721	1.28721	0.00933158	0.328508	1.28508	0.0649648	2.07998	2.07998	0.258576	1.52988	1.52988	0.279873	1.49946	1.49946	0.644817	0.845835	-1.18226	?	?	?	0.227017	0.632872	-1.5801	0.0943297	1.94134	1.94134	2.83217	5.1875	1.83164	1
cg05052898	KCNK10;KCNK10	0.0811057	0.2206332	2.06772	-1.15427	0.42651	1.26862	1.26862	0.16426	1.56557	1.56557	0.573941	1.58654	1.58654	0.188113	1.69526	1.69526	0.872057	0.953869	-1.04836	0.0235803	1.220819	1.220819	0.00847505	2.67773	2.67773	0.122064	1.63913	1.63913	2.79785	3.80499	1.20886	1
cg17685767	UVRAG	0.0811081	0.224167	0.671968	-1.48817	0.149341	0.613338	-1.63031	0.0362457	0.4685757	-2.13415	0.451125	0.78739	-1.27002	0.0074322	0.341857	-2.9252	0.316893	0.724608	-1.38006	0.393031	1.31312	1.31312	0.341092	0.736812	-1.3572	0.0450259	0.488655	-2.04643	2.79781	4.29493	1.36454	1
cg24361265	ELL3	0.0811088	0.158932	0.62704	-1.59502	0.0131556	1.7197	1.7197	0.0733512	0.34466	0.34466	0.143841	4.27544	4.27544	0.199147	3.5085	3.5085	0.0470996	0.18376	8.18376	0.0131769	10.0111	10.0111	0.025542	9.46924	9.46924	0.129495	4.5515	4.5515	2.7978	37.9279	12.05	1
cg25136408	RABEP1;RABEP1	0.0811109	0.848407	-1.15113	1.04919	0.278053	1.76345	1.76345	0.502707	1.6843012	-1.18622	0.894527	0.867539	-1.03355	0.907316	0.971197	-1.02966	0.0645987	0.593975	-1.68357	0.0594252	1.28368	1.28368	0.751504	1.08226	1.08226	0.271469	1.31611	1.31611	2.7978	2.79028	0.886499	1
cg17091967	FGFBP1	0.0811095	0.297784	0.64612	-1.5477	0.907819	1.04799	1.04799	0.0905802	0.470225	-2.12664	0.143652	0.529502	-1.88857	0.00475782	0.219392	-4.55806	0.153134	0.537713	-1.85973	0.0250351	0.339996	-2.94121	0.261539	0.622635	-1.60608	0.339988	0.671699	-1.48876	2.79779	7.25588	2.30527	1
cg26620021	MIR641;AKT2	0.0811113	0.905309	0.93961	-1.06457	0.0113773	0.9995	1.0555	0.0839198	3.40148	3.40148	0.244295	1.88615	1.88615	0.405938	0.539531	1.85365	0.382034	1.60212	1.60212	0.131443	0.576518	-1.73488	0.0703932	3.170808	3.170808	0.978862	1.086232	-1.01396	2.79777	12.3485	3.89151	1
cg27508753	EFHD1	0.0811116	0.33109	0.824013	-1.21357	0.6570373	1.48981	1.48981	0.13443	0.730271	-1.36936	0.137506	0.734377	-1.3617	0.0285171	0.607221	-1.64685	0.0388047	0.630142	-1.58694	0.547894	1.12455	0.895753	0.975014	-1.02563	0.672591	1.08551	1.08551	2.79776	1.65092	0.524521	1
cg06947913	FAIM2	0.0811135	0.5258338	1.26373	1.26373	0.0393375	0.385309	-2.9532	0.581358	0.8507302	-1.24956	0.907225	0.954445	-1.04773	0.0315578	0.26963	-3.70963	0.412326	1.39838	1.39838	0.731078	1.14799	1.14799	0.417198	1.3933	1.3933	0.845669	1.08726	1.08726	2.79774	2.70097	2.22935	1
cg21860029	SEL1L	0.081117	0.0337614	0.44421	-2.25119	0.620832	2.17729	2.17729	0.0315906	2.28192	2.28192	0.425599	0.766204	-1.30514	0.0782559	0.527124	1.89709	0.0714577	0.517425	-1.93265	0.746576	0.899307	-1.11197	0.725577	1.12227	1.12227	0.502252	1.24968	1.24968	2.79769	4.74707	1.50825	1
cg26086902	MYH13	0.081121	0.124056	0.216972	-4.60888	0.0342216	0.103651	-9.64773	0.0679796	0.1533	-6.52314	0.758013	0.753145	-1.32777	0.107983	0.20009	-4.99775	0.270498	0.349031	-2.86507	0.0100868	0.050869	-19.6582	0.0488718	0.127004	-7.8738	0.0737342	0.160594	-6.22688	2.79763	37.2942	11.8494	1
cg18174799	DAB1	0.0811212	0.765958	1.05492	1.05492	0.744617	1.21575	1.21575	0.153064	0.774574	1.61487	0.380816	1.38785	1.38785	0.0209443	0.940383	-2.36234	0.430568	1.74587	-1.34072	0.402877	0.733802	-5.26708	0.0756449	0.587357	-2.58382	0.574573	0.813194	4.52809	2.79761	5.849009	1.87146	1
cg01882179	SOCS2	0.0811228	0.922537	0.989408	-1.01071	0.281447	1.13046	1.13046	0.743793	1.03658	1.03658	0.0439598	0.776009	-1.28864	0.406842	0.91124	-1.09741	0.691398	0.957235	-1.04468	0.173431	0.853284	-1.17194	0.132869	0.837257	-1.19438	0.0139135	1.39491	1.39491	2.79761	0.531673	0.16803	1
cg16533363	AATK;LOC388428	0.0811229	0.601652	0.849448	-1.1641	0.329804	0.822424	1.21626	0.0394353	0.95253	1.05003	0.0837967	0.613962	1.63362	0.0209253	0.570811	-1.7247	0.670442	0.823379	-1.21451	0.0894645	1.33983	1.33983	0.0760583	1.490377	1.490377	-2.476	0.369876	0.65831	-1.51904	2.79762	9.51262	3.20373	1
cg01074767	C1RL;LOC283314	0.0811236	0.589611	1.29936	1.29936	0.014231	1.28096	1.28096	0.280205	1.71569	1.71569	0.263951	1.75061	1.75061	0.0722506	2.5810184	2.62409	0.615502	1.783863	-1.27573	0.163676	0.488291	-2.04377	0.195263	0.390596	0.60048	-1.66533	2.79759	10.2465	3.25564	1
cg03804083	MECOM	0.0811239	0.20171	0.500336	-1.99866	0.686111	1.23208	1.23208	0.865223	0.9164397	-1.09118	0.460174	0.6795594	-1.47147	0.0140247	0.210514	-4.7499	0.554596	0.735636	-1.35937	0.00597157	0.157832	-6.33587	0.653511	1.26125	1.26125	0.260329	0.547115	-1.82777	2.79759	11.6911	3.71467	1
cg00501242	HDAC4	0.0811243	0.177109	0.626223	-1.59586	0.0108956	0.552016	-1.81076	-1.7926E-08	0.3818398	0.49148	1.49148	0.449148	2.248295	1.88615	1.88615	0.405938	0.538203	1.85807	0.0178215	0.0307331	0.14801	6.75458	0.0148	0.00079	1.266294	0.0182233	-1.61754	2.79758	4.01542	1.49445	1
cg23676588	GABRA2;GABRA2	0.0811294	0.827174	0.972429	-1.02835	0.952005	1.00769	1.00769	0.262186	1.16138	1.16138	0.252097	1.16529	1.16529	0.490487	0.914259	-1.09378	0.237815	0.853755	-1.1713	0.0033408	1.67099	1.67099	0.231891	1.17389	1.17389	0.301306	1.14675	1.14675	2.79751	0.724363	0.230161	1
cg18748575	RBCK1;RBCK1	0.0811306	0.0995104	0.626423	-1.59656	0.0146295	1.16627	1.16627	0.0373957	0.8437864	-1.18347	0.0464846	0.6037894	-1.65603	0.0030315	0.324197	-3.08454	0.0068187	0.495976	-2.01634	0.104162	0.483399	-2.06911	0.439078	0.900529	-1.11046	0.898275	0.992705	-1.00729	2.79755	2.02092	0.492597	1
cg08451870	ZBTB39	0.0811322	0.0312155	0.23055	-4.33745	0.0251632	0.2132	-4.69042	0.461701	0.647327	-1.54482	0.55577	0.707614	-1.4132	0.238881	0.488732	-2.04611	0.0852317	0.3314	-3.0175	0.00999869	0.151427	-6.60382	0.985491	0.980501	-1.01061	0.100036	0.351351	-2.84616	2.79747	14.9257	4.74259	1
cg15803618	RP1-177G6.2;RP1-177G6.2	0.0811324	0.113077	0.443582	-2.25438	0.00649917	0.188755	-5.29786	0.624295	0.7924412	-1.26197	0.972416	1.01641	1.01641	0.048275	0.345144	-2.89734	0.0400047	0.326069	-3.0612	0.222499	0.546467	-1.82994	0.476391	0.710835	-1.4068	0.558135	1.32201	1.32201	2.79747	9.84383	3.12786	1
cg08350488	IGF2R	0.0811336	0.378544	0.760753	-1.31477	0.0139373	1.01272	1.01272	0.954212	1.02594	1.02594	0.0112112	1.02594	1.02594	0.0154445	1.0773	1.0773	0.123233	1.33036	1.33036	0.205384	1.24118	1.24118	0.0278098	1.52271	1.52271	0.0923707	1.86706	1.86706	2.79745	1.15868	0.61817	1
cg21465176	C17orf101;C17orf101	0.0811349	0.440428	0.638301	-1.56666	0.869503	1.09837	1.09837	0.0354375	0.247229	-4.04484	0.257829	0.509774	-1.96165	0.732408	0.822137	-1.21634	0.116901	0.2432	2.6432	0.0169478	5.26909	5.26909	0.582728	1.37248	1.37248	0.247456	0.501568	-1.99375	2.79743	14.4263	4.58399	1
cg00968200	SDK1	0.0811351	0.0184701	0.68165	-1.46703	0.0342216	0.413233	1.13123	0.2963205	0.8444666	-1.18418	0.827879	0.975317	-1.02564	0.0155584	0.547112	-1.82755	0.0594101	0.578844	-1.72758	0.141905	0.105584	9.47112	0.0155584	0.03183	-31.4095	0.0109	0.0183807	0.79535	2.79742	0.07025	0.342935	1
cg12239264	TNFSF12;TNFSF12-TNFSF13	0.0811397	0.00706592	0.40884	-2.44595	0.839005	0.15334	1.05334	0.216344	1.39691	1.3969	0.0457278	0.555165	-1.80127	0.324721	0.770061	-1.2986	0.0594101	0.578844	-1.72758	0.141905	0.800865	-1.23936	0.807822	0.993309	-1.00641	0.873652	0.959937	-1.04173	2.79736	2.92451	0.92929	1
cg21587994	C5orf10	0.0811441	0.307293	0.842153	-1.18743	0.00910322	1.7137	1.7137	0.315693	0.844817	-1.18369	0.164638	0.785844	-1.27252	0.766545	0.952754	-1.04959	0.893451	1.02202	1.02202	0.10953	1.32793	1.32793	0.0961952	1.34575	1.34575	0.925482	1.01532	1.01532	2.79735	1.17067	0.371995	1
cg21437623	ARHGEF10	0.0811443	0.1804489	0.61065	-1.63784	0.0342216	0.1594	1.59401	0.0135906	0.3266	0.3266	0.0165435	0.2926	0.2926	0.0018005	0.3418	0.3418	0.0707557	0.2972	-3.36525	0.0013491	0.947112	0.947112	0.0001	1.05563	1.05563	0.0001	1.05563	1.05563	2.79732	1.07025	0.384233	1
cg12239264	TNFSF12;TNFSF12-TNFSF13	0.0811397	0.00706592	0.40884	-2.44595	0.839005	0.15334	1.05334	0.216344	1.39691	1.3969	0.0457278	0.555165	-1.80127	0.324721	0.770061	-1.2986	0.0594101	0.578844	-1.72758	0.141905	0.800865	-1.23936	0.807822	0.993309	-1.00641	0.873652	0.959937	-1.04173	2.79736	2.92451	0.92929	1
cg21587994	C5orf10	0.081141	0.307293	0.842153	-1.18743	0.00910322	1.7137	1.7137	0.315693	0.844817	-1.18369	0.164638	0.785844	-1.27252	0.766545	0.952754	-1.04959	0.893451	1.02202	1.02202	0.10953	1.32793	1.32793	0.0961952	1.34575	1.34575	0.925482	1.01532	1.01532	2.79735	1.17067	0.371995	1
cg21437623	ARHGEF10	0.0811443	0.1804489	0.61065	-1.63784	0.0342216	0.1594	1.59401	0.0135906	0.3266	0.3266	0.0165435	0.2926	0.2926	0.0018005	0.3418	0.3418	0.0707557	0.2972	-3.36525	0.0013491	0.947112	0.947112	0.0001	1.05563	1.05563	0.0001	1.05563	1.05563	2.79732	1.07025	0.384233	1
cg18739391	ZNF334;ZNF334	0.0811418	0.795081	1.08384	1.08384	0.132603	0.386082	-2.5841	0.31059	0.6034446	-1.65761	0.201767	0.659058	-1.51732	0.375138	0.754607	-1.32519	0.2251	0.674289	-1.48304	0.76207	1.1012	1.1012	0.15121	0.754599	-1.32521	0.0072787	0.342766	-2.91744	2.79733	4.23877	1.34692	1
cg15362557	ASAP2;ASAP2	0.0811431	0.1294149	0.534007	-1.87243	0.0342216	0.319439	1.31439	0.0370434	0.5766568	-1.73396	0.0859096	0.5194434	-1.92511	0.0102153	0.327	-3.05882	0.549405	0.814183	-1.22833	0.0826177	1.33733	1.33733	0.0826177	1.22833	1.22833	0.0826177	1.53533	1.53533	2.79732	1.84857	0.597318	1
cg22974630	COPZ1	0.0811449	0.434769	0.646268	-1.54735	0.0194404	0.21275	-4.70035	0.0502424	0.294442	-3.39626	0.524658	0.142354	1.42354	0.328343	1.73786	1.73786	0.943457	0.96189	-1.03962	0.13663	0.415448	-2.40704	0.0612306	3.17519	3.17519	0.635975	0.770139	-1.29847	2.79729	13.2935	4.22426	1
cg24126096	OPLAH;OPLAH	0.0811457	0.357071	1.12973	1.12973	0.449219	0.856708	-1.16726	0.364071	0.886298	-1.12829	0.0785187	0.474846	-2.10519	0.0731361	0.702091	-1.4241	0.0589668	1.50268	1.50268	0.428539	1.150299	1.150299	0.469641	0.807373	-1.6618	0.519816	0.807232	-1.15309	2.79728	2.11179	0.671062	1
cg01831177	AS7N1;ASTN1	0.0811462	0.925156	1.01272	1.01272	0.822204	1.00375	1.03075	0.854044	0.93414	-1.07082	0.0208022	0.70888	-1.41068	0.361744	1.1446	1.13446	0.97744	1.09203	-1.00381	0.812436	0.658199	-1.5193	0.9865	0.997726	-1.00228	0.0628446	1.82631	1.82631	2.79727	3.802207	0.254917	1
cg01125531	EEF1A2	0.0811473	0.406786	1.86833	1.86833	0.00623919	13.8221	13.8221	0.0148931	9.07723	9.07723	0.384439	1.92865	1.92865	0.515667	1.62494	1.62494	0.461522	0.57573	-1.73692	0.857997	0.876417	-1.14101	0.374856	1.95591	1.95591	0.642454	0.70867	-1.41109	2.79726	24.0333	7.63712	1
cg26751195	SPN;SPN	0.0811633	0.774013	1.09153	-1.29197	0.0105551	0.552016	-1.81076	-1.7926E-08	0.3818398	0.49148	1.49148	0.449148	2.248295	1.88615	1.88615	0.405938	0.538203	1.85807	0.0178215	0.0307331	0.14801	6.75458	0.0148	0.00079	1.266294	0.0182233	-1.61754	2.79727	4.01542	1.49445	1
cg17841838	C19orf29;C19orf29	0.0811538	0.600542	0.931281	-1.07379	0.620313	0.91492	-1.06961	0.32558	0.872162	-1.14658	0.643099	1.07297	1.07297	0.847822	1.02623	1.02623	0.00554636	0.613402	1.63402	0.043089	0.730786	-1.36839	0.408242	1.12073	1.12073	0.790978	1.03644	1.03644	2.79716	0.804408	0.255627	1
cg08733551	NDUFAB1	0.0811593	0.8209267	1.04204	1.04204	0.309437	1.12015	1.12015	0.583759	1.10556	1.10556	0.889941	0.975205	-1.02453	0.133562	0.74569	-1.34104	0.301913	1.14121	1.14121	0.206581063	1.88847	1.88847	0.027217	1.66635	1.66635	0.779681	1.05217	1.05217	2.79708	1.54583	0.462961	1
cg14373702	SEC16A	0.0811608	0.703438	0.83411	-1.19911	0.0105555	0.620649	-1.61122	0.1302174	0.5519	1.53812	0.0138611	0.553029	-1.80825	0.0268228	0.405546	-2.46512	0.599564	1.09027	1.09027	0.464194	1.2907	1.2907	0.0199223	1.54736	1.54736	0.984968	1.096935	1.00307	2.79706	1.17624	0.373805	1
cg18194485	LOC101927379;TMEM155	0.0811612	0.549685	1.37488	1.37488	0.430977	1.52619	1.52619	0.653893	1.26312	1.26312	0.388311	0.628108	-1.59208	0.0263365	0.396931	3.99691	0.092359	2.64934	2.64934	0.038384	2.74346	2.74346	0.00975239	5.5798	5.5798	0.106519	2.52586	2.52586	2.79706	2.1255	3.89457	1
cg24938830	LINC00;UNC80	0.0811624	0.759857	1.09243	1.09243	0.670647	0.51539	-1.93548	0.627937	0.20785	-4.80915	0.455567	0.70785	-1.41275	0.0888939	0.627295	-1.59415	0.492654	1.0399	1.0399	0.914383	0.643874	-1.55385	0.11888	1.11888	0.664305	1.11463	1.11463	2.79702	2.79702	2.15852	0.768857	1
cg13372712	RPUSD2	0.0811631	0.943376	1.02051	1.02051	0.0815875	0.576011	-1.73608	0.0176076	0.438071	-2.28274	0.0128316	0.413452	-2.41866	0.366791	0.767231	1.30339	0.737833	0.907066	-1.10246	0.379479	1.2939	1.2939	0.144446	0.63889	-1.56521	0.133171	0.629398	-1.58882	2.79703	1.63809	1.14982	1
cg06070625	MIF;MIF	0.0811634	0.13005	0.706293	-1.41584	0.828207	1.07808	1.07808	0.929725	1.03099	1.03099	0.0663903	2.0186	2.0186	0.0116603	0.36347	-2.75126	0.146186	1.71543	1.71543	0.323929	1.42253	1.42253	0.173907	1.99199	1.99199	0.373438	1.37175	1.37175	2.79703	5.30181	1.6849	1
cg08983217	PRPL1;ITPRIPL1	0.0811647	0.0481962	0.771275	-1.29656	0.1128892	1.21955	1.21955	0.858572	1.02073	1.02073	0.312905	0.886863	-1.12757	0.708793	1.0441	1.0441	0.2360618	0.777355	1.28626	0.0555	0.832031	-1.20477	0.00863527	0.680351	-1.46983	0.33815	0.892639	-1.12027	0.689396	0.95484	-1.0473	2.79701	0.586094	0.186261	1
cg18470991	TMC8;TMC8	0.0811665	0.262232	0.625982	-1.59753	0.0105551	0.552016	-1.81076	-1.7926E-08	0.3818398	0.49148	1.49148	0.449148	2.248295	1.88615	1.88615	0.405938	0.538203	1.85807	0.0178215	0.0307331	0.14801	6.75458	0.0148	0.00079	1.266294	0.0182233	-1.61754	2.79701	4.01542	1.49445	1
cg23459863	MACROD1	0.0811663	0.955329	0.981373	-1.01898	0.0994699	1.83327	1.83327	0.421997	1.31695	1.31695	0.0783112	1.92802	1.92802	0.0921	0.386788	-2.58539	0.0378431	2.2441	2.2441	0.52071	0.803708	0.124423	0.722854	1.12696	1.12696	0.721335	1.12774	1.12774	2.79699	4.99094	1.58613	1
cg16099538	NAC2	0.0811666	0.8788707	0.97953	-1.02072	0.744617	0.741112	1.35232	0.128852	0.91426	-1.09372	0.10312	0.705329	-1.41775	0.0357285	0.48847	2.04824	0.0246786	0.40413	-2.47413	0.0104958	0.288186	0.144552	0.115354	0.144552	0.115354	0.144552	0.115354	0.144552	0.115354	2.79699	0.144552	0.115354	1
cg19172170	SLC6A5	0.0811686	0.0766798	0.437668	-2.28484	0.350356	0.668048	-1.4969	0.0233719	0.320805	-3.11712	0.235911	0.593783	-1.68412	0.603988	0.802851	1.24556	0.0195409	0.305968	-3.26832	0.0114434	0.265015	-3.77337	0.934747	0.96622	-1.03496	0.521846	0.761522	-1.31316	2.79695	1.70816	0.247926	1
cg05600023	WNT4	0.0811691	0.34548	0.74391	-1.34425	0.941804	0.978015	-1.02248	0.0481917	0.504261	-1.9831	0.587794	1.18132	1.18132	0.0110182	0.372866	-2.68193	0.635725	0.864774	-1.15637	0.178847	0.645065	-1.54821	0.0997829	1.73186	1.73186	0.471836	1.24962	1.24962	2.79695	4.10672	1.30515	1
cg04365973	RHOT2;WDR90	0.0811707	0.948007

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg11051391	SRPK2;SRPK2	0.0812466	0.308548	1.24272	1.24172	0.0078571	0.496258	-2.01508	0.801546	1.0531	1.0531	0.313271	1.22786	1.22786	0.983879	1.00416	1.00416	0.75028	0.936511	-1.06779	0.2234573	1.74379	1.74379	0.6527255	1.09752	1.09752	0.982288	0.99545	1.00457	2.79584	1.8686	0.594088	!
cg16146457	MAGEA2;MAGEA2;MAGEA2;MAGEA2	0.0812475	0.0859612	0.439944	-2.27301	0.0202077	0.297598	-3.36024	0.183686	0.543151	-1.84111	0.0835168	0.436516	-2.09287	0.152214	0.722172	0.533246	-1.87531	0.285519	0.618778	-1.61609	0.0892174	2.25018	2.25018	0.404315	1.44666	1.44666	0.357448	0.663958	-1.50612	2.79583	8.29173	2.63622	!
cg21938406	C1orf115	0.0812527	0.303403	2.18997	2.18997	0.41174	1.85371	1.85371	0.0993612	3.77483	3.77483	0.15279	3.08344	3.08344	0.890874	1.10622	1.10622	0.516983	1.62116	1.62116	0.011876	10.0679	10.0679	0.00746097	12.5963	12.5963	0.10362	3.70197	3.70197	2.79576	23.9442	7.61287	!
cg19057830	C10orf41;C10orf41	0.0812554	0.0606263	7.15564	7.15564	0.420759	2.21727	2.21727	0.128108	4.91347	4.91347	0.140114	6.04911	6.04911	0.0242027	13.4832	13.4832	0.120547	5.10424	5.10424	0.016213	17.2308	17.2308	0.0314185	11.532	11.532	0.0722191	6.9752	6.9752	2.79574	41.4966	13.1936	!
cg21528112	SLC6A1	0.0812547	0.0471138	1.93093	1.93093	0.31864	1.34784	1.34784	0.475224	1.23403	1.23403	0.0161825	2.34428	2.34428	0.0806698	1.75254	1.75254	0.286379	1.37801	1.37801	0.751177	1.09651	1.09651	0.132848	1.59943	1.59943	0.00374914	2.63069	2.63069	2.79573	3.73191	1.18082	!
cg16147379	RNF207	0.0812563	0.7163	0.694567	-1.43975	0.0364496	1.7872	1.7872	0.121797	5.33844	5.33844	0.0693761	6.02097	6.02097	0.191268	2.25114	2.25114	0.98184	0.769417	0.746117	-1.34117	0.53122	0.530789	-1.88399	0.699201	0.678585	-1.47365	0.0138727	20.8243	20.8243	2.79572	44.357	14.0396	!
cg03694243	CSNK1G2	0.0812555	0.174628	0.817835	-1.22274	0.566155	0.922405	-1.08412	0.536795	0.916578	-1.09101	0.385871	0.883551	-1.1318	0.475171	1.10643	1.10643	0.0127591	1.53868	1.53868	0.200121	1.20743	1.20743	0.0576272	0.741557	-1.34851	0.2768811	0.85427	-1.17059	2.79572	0.8588853	0.273069	!
cg10438575	HBK CAST;CAST;CAST;CAST;CAST;CAST;CAS	0.0812564	0.925576	0.985666	-1.01454	0.231307	0.823664	-1.21412	0.174896	1.24978	1.24978	0.396469	0.87443	-1.1436	0.201518	0.811886	-1.2317	0.734464	1.05402	1.05402	0.187477	0.80584	-1.24094	0.00609037	1.73907	1.73907	0.671397	1.06809	1.06809	2.7957	1.05733	0.336177	!
cg10209795	T;CAST;CAST;CAST	0.0812614	0.048622	0.3433	-2.9129	0.384889	0.655162	-1.52634	0.364633	0.642632	-1.5561	0.6023	1.28345	1.28345	0.0097812	0.212129	-4.71412	0.0961385	0.420084	-2.38048	0.112121	0.43993	-2.27309	0.825681	0.900593	-1.11038	0.0264221	0.28667	-3.48833	2.79563	9.97596	3.17192	!
cg24653263	EGFLAM	0.0812618	0.856032	1.05229	1.05229	0.732002	0.892744	-1.10514	0.115285	0.634442	-1.61697	0.3801188	1.83132	1.83132	0.0926461	1.316	1.316	0.487343	0.820331	-1.05229	0.3180535	1.28746	1.28746	0.0972088	2.65278	2.65278	0.219379	1.4369	1.4369	2.79563	3.48761	1.10891	!
cg15372508	ZNF660	0.0812631	0.0654713	0.802496	-1.24611	0.0598834	0.806459	-1.23999	0.560053	0.942014	-1.06156	0.106829	0.836551	-1.19538	0.104925	0.835587	-1.19676	0.211788	1.14264	1.14264	0.210799	1.143	1.143	0.11808	1.1877	1.1877	0.926985	1.00933	1.00933	2.79561	0.4549063	0.14466	!
cg16004418	C6orf147	0.0812642	0.383355	0.864938	-1.17845	0.138329	0.746201	-1.34048	0.165923	0.78575	-1.27266	0.479388	1.54341	1.54341	0.431371	1.15891	1.15891	0.509314	1.13381	1.13381	0.00154591	1.97107	1.97107	0.362608	0.842113	-1.18749	0.6069651	1.08217	1.08217	2.79559	1.49125	0.474796	!
cg08026144	PCSK5	0.0812654	0.642967	0.93754	-1.06662	0.00377923	1.71581	1.71581	0.0660645	0.752925	-1.32815	0.268914	1.17244	1.17244	0.491385	1.10138	1.10138	0.697396	1.05547	1.05547	0.902796	0.983261	-1.01702	0.808923	0.967083	-1.03404	0.557838	1.08533	-1.08533	2.79559	0.845165	0.26873	!
cg09130035	LDHB	0.0812665	0.919281	1.02217	1.02217	0.00406532	2.3033	2.3033	0.251911	1.29552	1.29552	0.647217	1.85431	1.85431	0.174624	0.575156	1.13032	1.13032	0.655839	1.1019	1.1019	0.0592611	0.630867	-1.58512	0.864318	1.03769	1.03769	0.956878	1.01177	1.01177	2.79558	2.0719	0.658785	!
cg18036248	NEDD4L;NEDD4L	0.0812683	0.2008897	1.40907	1.40907	0.261667	1.39553	1.39553	0.7254566	1.1056	1.1056	0.8960885	0.995047	-1.00498	0.346314	1.31803	1.31803	0.00285831	3.2176	3.2176	0.0960086	1.68261	1.68261	0.16275	1.52848	1.52848	0.0587955	1.83625	1.83625	2.79556	5.3884	1.1413	!
cg10895547	ZZZ3	0.0812674	0.10302	1.47519	1.47519	0.40458	1.2043	1.2043	0.55299	0.877367	-1.13977	0.248865	1.30049	1.30049	0.0220222	0.549515	-1.81979	0.161606	1.38518	1.38518	0.278679	1.2783	1.2783	0.0367788	1.6969	1.6969	0.730598	0.927421	-1.07826	2.79555	2.10387	0.668959	!
cg07226912	AK7	0.0812678	0.00496869	0.262076	-3.81259	0.303819	0.680319	-1.4699	0.194386	0.609597	-1.63943	0.974886	1.0114	1.0114	0.0150274	0.346316	-2.88887	0.205008	0.617938	-1.61855	0.922148	0.965413	-1.03583	0.183873	0.601907	-1.66139	0.2243121	0.632892	-1.58005	2.79554	5.74025	1.82537	!
cg15546353	ATG16L1;ATG16L1	0.0812683	0.351779	0.546669	-1.77095	0.0911918	0.329702	-3.03304	0.940844	0.993177	-1.03823	0.60503893	0.309451	-3.16351	0.803287	0.861052	-1.16132	0.724735	0.800886	-1.23474	0.6653793	1.29632	1.29632	0.154923	2.47908	2.47908	0.263817	2.00311	2.00311	2.79553	15.7488	5.00761	!
cg18133012	C6orf217	0.0812719	0.202281	0.69459	-1.4397	0.201618	0.694176	-1.44056	0.00626252	0.323869	-3.08767	0.141744	0.652021	-1.53369	0.212626	0.700924	-1.42669	0.36972	0.779292	-1.28322	0.601354	0.8670116	-1.15338	0.379255	0.783344	-1.27658	0.0371894	0.519539	-1.92479	2.79548	3.24442	1.03164	!
cg24872851	SDK1;SDK1	0.0812728	0.712386	1.14654	1.14654	0.109573	2.83827	2.83827	0.0415367	1.00297	1.00297	0.19138	1.6667	1.6667	0.213823	0.752635	1.00029	0.794201	0.907994	-1.10134	0.494422	2.29365	2.29365	0.0355154	2.47513	2.47513	0.306812	1.47804	1.47804	2.79547	6.038445	2.02007	!
cg17643880	CIAO1;CIAO1;TMEM127	0.0812733	0.339932	1.1318	1.1318	0.0202189	1.42265	1.42265	0.00802923	1.53348	1.53348	0.641044	0.946485	-1.05654	0.202862	0.84432	-1.18438	0.672806	1.05492	1.05492	0.691069	0.950561	-1.05157	0.744863	0.945973	-1.04196	0.843571	1.02518	1.02518	2.79546	0.7015548	0.223075	!
cg20914790	LOC100129550	0.0812743	0.0955726	0.684297	-1.46127	0.0523125	0.9880008	-1.01214	0.6425204	0.710765	-1.40705	0.175111	0.5310468	1.882836	0.0240468	1.882836	0.0240468	0.582308	0.717373	0.992302	0.00094	1.39594	1.39594	0.0402143	-1.16265	0.1346071	0.836313	-1.19599	0.2675745	1.44304	0.568364	!
cg27538206	BAI1	0.0812745	0.166451	0.715522	-1.39758	0.0782599	0.641567	-1.55868	0.395903	1.21806	1.21806	0.349166	2.24441	2.24441	0.0062151	0.445148	2.24644	0.458971	1.18659	1.18659	0.167537	0.716214	-1.39623	0.905675	1.02726	1.02726	0.939574	0.982946	-1.01735	2.79545	2.27905	0.724687	!
cg18083415	SYNM;SYNM	0.0812767	0.972093	0.992696	-1.00736	0.757834	0.937249	-1.06695	0.555878	0.882647	-1.13296	0.414116	1.19115	1.19115	0.609694	1.11393	1.11393	0.230496	1.30161	1.30161	0.0340613	2.30267	2.30267	0.0671926	1.53704	1.53704	0.100569	1.45779	1.45779	2.79541	1.94402	0.618162	!
cg19186147	FOXC1;FOXC1	0.0812796	0.0626808	1.23186	1.23186	0.0753307	1.93553	1.93553	0.0725466	1.1056	1.1056	0.9960886	0.995047	-1.00498	0.346314	1.31803	1.31803	0.140972	2.37153	2.37153	0.0460748	2.80341	2.80341	0.164807	2.24384	2.24384	0.0321049	3.93203	3.93203	2.79537	11.1682	4.18729	!
cg02953007	ZCCHC24	0.0812782	0.0904383	0.692603	-1.44383	0.289766	1.24151	1.24151	0.623022	0.90706	-1.10246	0.13136	1.40384	1.40384	0.169967	1.33345	1.33345	0.813596	0.954562	-1.0476	0.0166352	1.77839	1.77839	0.174094	1.32932	1.32932	0.206571	0.769301	-1.29988	2.79534	1.71601	0.545674	!
cg14790686	AFTPH;AFTPH;AFTPH	0.0812848	0.1454956	0.483415	-2.06923	0.0225834	0.270584	-3.44324	0.0197884	0.262038	-3.81654	0.402557	0.4744078	2.10705	0.0158192	0.4744078	2.10705	0.330151	0.823308	-1.6044	0.0855358	1.42131	1.42131	0.0967899	1.66491	1.66491	0.273353	0.585326	-1.70872	2.7953	9.79657	3.11525	!
cg15162922	SHROOM1	0.0812848	0.695337	1.12057	1.12057	0.00365703	0.51711	1.11711	0.10892	1.65813	1.65813	0.652366	1.14015	1.14015	0.872964	1.04737	1.04737	0.286021	1.3778	1.3778	0.0411791	1.9766	1.9766	0.106486	1.67022	1.67022	0.130662	1.6034	1.6034	2.7953	3.7039	1.17782	!
cg13726463	CDX6A2;CDX6A2	0.081285	0.387173	0.694603	-1.43967	0.424626	0.714981	-1.39864	0.276676	1.59227	1.59227	0.041285	2.63202	2.63202	0.0190911	0.311531	-3.20995	0.556504	0.831915	-1.20205	0.0439858	0.386125	-2.58984	0.802206	1.087	1.087	0.939797	1.03154	1.03154	2.7953	7.48272	2.37946	!
cg07023791	NHG3;NHG3	0.0812864	0.291535	1.14654	1.14654	0.24725	1.27375	1.27375	0.147087	1.36913	1.36913	0.0941091	1.6855933	1.6855933	0.0677901	1.54507	1.54507	0.0941092	1.45013	1.45013	0.0274154	1.95091	1.95091	0.0274154	1.95091	1.95091	0.0274154	1.95091	1.95091	2.79528	1.86792	0.573982	!
cg25921910	CDC73	0.081288	0.912724	0.977649	-1.02286	0.319536	1.23625	1.23625	0.215398	1.30998	1.30998	0.410053	0.8405553	-1.18969	0.561982	0.640281	-1.56181	0.888191	0.960636	-1.03132	0.0708898	0.695529	0.695529	-1.51625	0.0119121	0.523579	-1.90993	0.4180077	1.18605	1.18605	2.79525	2.88184	0.598423	!
cg15174194	MSC;70857;KIAA1688	0.0812876	0.4637764	1.09372	1.09372	0.0753708	0.9852125	1.9852	0.7448824	0.6625209	-1.50918	0.0348488	0.5823838	-1.71731	0.0932072	0.6625209	-1.50918	0.8302772	1.08771	1.08771	0.0943319	1.16009	1.16009	0.0426155	1.49539	1.49539	0.0343115	1.20711	1.20711	2.79519	2.1166	0.758364	!
cg10346121	FBXL15;PSD	0.0812992	0.371135	0.910183	-1.09868	0.8800332	1.0156	1.0156	0.0136419	1.36707	1.36707	0.842364	1.02061	1.02061	0.404767	0.916347	-1.09129	0.0613601	0.805723	-1.24112	0.0373604	0.780657	-1.28095	0.651899	1.04764	1.04764	0.760505	1.03183	1.03183	2.7951	4.46041	0.147849	!
cg12946880	MAGI3;MAGI3;MAGI1	0.0812992	0.0083452	0.1099	-9.90688	0.148619	0.349426	-2.86183	0.274389	2.16382	2.16382	0.991753	1.00704	1.00704	0.468522	0.606189	-1.64965	0.0473539	0.214415	-4.66385	0.7	1.90054	1.90054	0.632149	-1.58191	0.4698439	1.64713	1.64713	2.82934	18.3475	6.48472	!
cg12676686	MCM2	0.0812998	0.0526992	0.694799	-1.43979	0.0796294	0.576874	-2.6534	0.0196298	0.383832	-2.60544	0.531778	0.9814246	-1.01904	0.0089566	1.054	1.054	0.0698744	0.738476	1.3543	0.0357568	0.179752	-5.56322	0.15022	1.9988	1.9988	0.853874	0.879738	-1.1367	2.79515	2.3812	0.832251	!
cg17251265	NLRP1;NLRP1;NLRP1;NLRP1;NLRP1;NLR P1;NLRP1;NLRP1;NLRP1;NLRP1;NLRP1;NLR	0.0813067	0.275362	0.591087	-1.6918	0.0700827	0.391288	-2.55566	0.0671075	0.386419	-2.58787	0.238307	0.564234	-1.77231	0.0351177	0.320683	3.11834	0.0620194	0.377732	-2.64738	0.476965	1.39801	1.39801	0.0329277	0.314779	-3.17683	0.0385765	0.329484	-3.03505	2.79499	9.50303	3.02224	!
cg02477305	SAC3	0.0813089	0.160243	0.633197	-1.57929	0.718941	1.16136	1.11636	0.0884197	0.564067	-1.77284	0.293637	0.717622	-1.39349	0.870323	0.85102	-1.05102	0.226314	0.67911	-1.47252	0.0607292	2.89531	2.89531	0.861801	1.05451	1.05451	0.441138	0.787211	-1.27031	2.79496	4.10699	1.30616	!
cg18918423	FZD4	0.0813101	0.300998	1.13472	1.13472	0.240995	1.15576	1.15576	0.602316	0.939884	-1.06396	0.975484	1.00363	1.00363	0.489978	1.08621	1.08621	0.0031645	1.60886	1.60886	0.177092	0.844347	-1.18435	0.694157	0.954463	-1.04771	0.2805088	1.14144	1.14144	2.79494	0.615642	0.195796	!
cg20722869	INPP5A	0.0813128	0.18488	0.727818	1.37455	0.0990621	1.30307	1.30307	0.0826102	1.20458	1.20458	0.0827766	1.5867167	1.5867167	0.0413022	0.785717	1.27319	0.0468696	0.563444	-1.77482	0.0135048	0.252052	0.252052	-3.96827	0.0001251	0.0001251	0.0001251	0.0001251	0.0001251	2.79493	0.0001251	0.0001251	0.0001251	!
cg09726866	FRAS1;FRAS1	0.0813118	0.18284	0.614905	-1.62627	0.0234083	0.393896	-2.53874	0.496188	0.788441	-1.26833	0.326493	1.41694	1.41694	0.0299827	0.415475	2.40688	0.261321	0.668317	-1.4963	0.0389788	0.439504	-2.27529	0.541608	1.23685	1.23685	0.474972	1.28394	1.28394	2.79492	5.23875	1.66612	!
cg26647566	PBS12	0.0813144	0.0254414	0.615172	-1.62557	0.0153307	0.2405	-4.15835	0.1901	0.23859	-4.19059	0.224397	0.24232	-4.12731	0.0230906	0.10772	-9.28603	0.0992995	0.5681	-1.7606	0.00643635	0.241655	0.241655	-4.13918	0.0240916	0.0240916	0.0240916	0.0240916	0.0240916	2.79491	0.0240916	0.0240916	0.0240916	!
cg10650290	PTPRN2;PTPRN2;PTPRN2	0.0813151	0.193018	1.40916	1.40916	0.16102	1.45173	1.45173	0.760906	1.07895	1.07895	0.805753	1.06327	1.06327	0.100091	1.56614	1.56614	0.0992995	1.5681	1.5681	0.00643635	2.41655	2.41655	0.0455594	1.76982	1.76982	0.414101	0.82131	-1.23106	2.79487	2.74415	0.872758	!
cg08340412	SESN1;C5orf15;C5orf15;C5orf15;C5orf15	0.0813158	0.0773192	4.2118	4.2118	0.0245693	2.10399	2.10399	0.0127884	2.68218	2.68218	0.0162504	3.81654	3.81654	0.0102157	4.4078	4.4078	0.581922	1.34865	1.34865	0.0018261	4.12231	4.12231	0.0029007	3.46451	3.46451	0.0029007	3.46451	3.46451	2.79487	4.15762	4.15762	2.79486	9.79657	3.11525	!
cg18187650	GCH1;GCH1;GCH1;GCH1	0.0813172	0.00270302	0.2946625	-3.39514	0.0264694	0.499883	2.00047	0.0047	0.360647	2.07416	0.268091	2.6573	2.6573	0.0170726	1.36255	1.36255	0.311746	2.43522	2.43522	0.0171085	2.18163	2.18163	0.0773791	0.786229	1.27774	0.0803078	0.793	1.02114	2.79484	32.0181	10.1832	!
cg05777061	KLK8;KLK8;KLK8;KLK8	0.0813212	0.0085065	0.445006	-2.24716	0.198835	0.720833	-1.38728	0.447452	0.829717	-1.20523	0.0214949	0.513826	-1.94619	0.459145	0.833832	-1.19928	0.958066	0.985235	-1.01499	0.219913	0.732718	-1.36478	0.0693536	0.612736	-1.63202	0.367869	1.24982	1.24982	2.79478	2.57288	0.818312	!
cg19881999	REV1;REV1	0.0813223	0.274134	1.17642	1.17642	0.55921	0.188464	-5.30544	0.0184354	0.172291	-5.80735	0.0139302	0.576573	-1.74804	0.0134297	0.213403	-4.68441	0.0880838	0.844116	-1.18411	0.0896909	0.959853	-1.00015	0.977797	1.55329	1.55329	0.0814438	1.05475	1.05475	2.79477	2.64473	0.74508	!
cg18880765	AR11	0.0813223	0.0447492	0.575075	-1.7389	0.0523049	0.69892	1.69892	0.601297	0.881081	-1.13497	0.12186	1.49209	1.49209	0.573354	0.872288	-1.14641	0.0374584	1.78567	1.78567	0.366951	1.24927	1.24927	0.505498	1.17615	1.17615	0.290641	0.768481	-1.30127	2.79477	2.55237	0.811792	!
cg01215135	11-Sep	0.0813228	0.134404	1.44524	1.44524	0.237177	1.32651	1.32651	0.0104059	2.08773	2.08773	0.0663745	1.59963	1.59963	0.11907	1.47103	1.47103	0.0438567	1.69641	1.69641	0.0161544	1.32974	1.32974	0.0609884	1.63098	1.63098	0.0323956	1.61874	1.61874	2.79476	2.30408	0.732826	!
cg16112894	TRAPPC9	0.0813245	0.03096093	0.2732086	-3.66115	0.0640414	0.344184	-2.90543	0.0232512	0.284742	-3.51195	0.0306112	0.583473	-1.71388	0.0302191	0.370576	-3.69036	0.274552	0.559238	-1.78815	0.0198859	0.236844	-4.22215	0.08064555	0.370552	-2.69888	0.2316323	0.525781	-2.90319	2.79474	10.1213	3.09026	!
cg08882612	PIDM16;PIDM16 CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.0813258	0.365491	0.838461	-1.19266	0.269495	1.24346	1.24346	0.0416867	0.640878	-1.56036	0.414994	1.17103	1.17103	0.0657049	1.47898	1.47898	0.304411	1.04814	1.04814	0.105478	1.75657	1.75657	0.44588	1.15863	1.15863	0.68946	0.926713	-1.07908	2.79472	1.58927	0.505483	!
cg27530186	MKK2;CAMKK2;CAMKK2	0.0813274	0.0638931	0.239004	-4.18402	0.645931	0.727674	-1.37424	0.493192	0.619874	-1.61323	0.37323	0.533561	-1.8742	0.0140711	0.124548	-8.02903	0.18073	0.376556	-2.65565	0.00727733	0.092651	10.7932	0.9008	0.91787	-1.08948	0.115334	0.308359	-3.24298	2.79469	20.9033	6.64857	!
cg10905591	CWF19L1	0.0813359	0.0509088	0.315599	-3.16858	0.39682	1.56743	1.56743	0.122096	1.38858	1.38858	0.634201	1.28184	1.28184	0.601155	1.13427	1.13427	0.407346	1.55151	1.55151	0.0111827	1.0156946	1.0156946	0.774641	1.74549	1.74549	1.34142	0.3113101	1.17679	1.17679	2.79469	1.8764	0.377396	!
cg25333525	LIMK1	0.0813286	0.707514	-1.90712	-1.109	0.0361625	0.521341	-1.95182	0.108558	0.618481	-1.61684	0.337433	1.31187	1.31187	0.021363	0.4680522	2.13652	0.560364	0.850761	-1.17542	0.0501503	0.54173	-1.84594	0.837711	0.943926	-1.05941	0.0373289	0.515128	-1.94127	2.79468	3.33945	1.06073	!
cg25494395	FLT4;FLT4	0.0813331	0.0351648	0.473178	-2.11337	0.809129	0.928886	-1.07659	0.0214628	0.430623	-2.32222	0.99711	0.998896	-1.00111	0.0443043	0.494362	-2.02281	0.1548961	0.401227	-2.49235	0.209555	0.6681081	-1.49676	0.526151	0.822115	-1.21637	0.146141	0.62141	-1.60924	2.79464	4.11608	1.3092	!
cg10538202	HTR3A	0.0813376	0.143454	1.34797	1.34797	0.0314868	0.504145	-1.98252	0.0172436	0.317103	-3.15265	0.0139302	0.576846	-1.28892	0.275706	0.52275	-1.91296	0.8494913	1.07986	1.07986	0.0655324	1.132311	-7.55798	0.615591	1.74861	-1.3359	0.102795	1.30265	-1.30265	2.77612	2.76962	0.84384	0.60676	!
cg14143574	NR5A1	0.0813334	0.45464	1.30797	1.30797	0.0314868	0.10451	1.04851	0.296046	0.682522	-1.46515	0.533474	1.24898	1.24898	0.356633	1.39685	1.39685	0.546042	0.806239	-1.24033	0.103617	1.87282	1.87282	0.394603	0.735379	-1.35984	0.026558	2.52631	2.52631	2.79461	5.50013	1.74944	!
cg10089081	DNAH17	0.0813344	0.00509204	0.0868981	-11.5103	0.0497418	0.2	-5	0.0125	0.2	-5	0.0125	0.2	-5	0.0125	0.2	-5	0.0125	0.2	-5	0.0125	0.2	-5	0.0125	0.2	-5	0.0125	0.2	-5	0.0125	2.79461	0.2	-5	0.0125	!
cg08464675	CBFA2T3;CBFA2T3	0.0813343	0.56795	0.899847	-1.1113	0.9574811	0.989443	-1.01067	0.263169	0.807936	-1.23772	0.972457	1.00633	1.00633	0.00281824	0.471314	2.12173	0.836545	0.962934	-1.03849	0.1337738	1.33941	1.33941	0.389777	1.17483	1.17483	0.972652	0.993752	-1.00629	2.7946	1.47945	0.470573	!
cg05614346	GRK6;GRK6;GRK6	0.0813355	0.634893	0.946712	-1.18104	0.0185532	2.69747	2.69747	0.795279	1.09466	1.09466	0.162426	0.5952445	-1.67998	0.0894536	0.532627	-1.87749	0.787415	1.09858	1.09858	0.304765	1.44727	1.44727	0.0427207	2.01004	2.01004	0.137274	0.574038	-1.74498	2.79459	5.35532	1.70339	!
cg19342530	GUCY1B3	0.0813356	0.67836	1.10256	1.10256	0.0154289	1.39176	1.39176	0.102406	0.645615	1.27274	0.633428	0.8647821	-1.15636	0.0630779	0.541774	-2.02931	0.159227	1.75932	1.75932	0.140956	1.2859	1.2859	0.0763709	1.47254	1.47254	0.279657	1.0944854	-1.30779	2.79457	0.3442023	0.08484	!
cg19420720	4HB	0.0813396	0.0751323	0.191953	-5.2096	0.090015	0.233253	-4.28719	0.312601	0.418978	-2.38676	0.163227	0.28954	-3.45375	0.0337315	0.126789	-7.88712	0.058519	0.16862	-5.93051	0.0100179	0.0666947	-14.9937	0.051337	0.157575	-6.34636	0.12077	0.246253	-4.06086	2.79452	30.7005	9.76531	!
cg10907756	OLFML2B	0.0813444	7	7	7	0.0720439	2.39273	2.39273	0.54628	0.916037	1.15366	1.15366	0.0248286	1.

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Probeset ID	UCSC_REFGENE_NAME PP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	p-value(Test)	Fold-Change(1 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. 105T)	p-value(105T vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. 111T)	p-value(112T vs. N)	Fold-Change(1 vs. 112T)	p-value(121T vs. N)	Fold-Change(1 vs. 121T)	p-value(121T vs. N)	Fold-Change(1 vs. 21T vs. N)	p-value(347T vs. N)	Fold-Change(1 vs. 347T)	p-value(347T vs. N)	Fold-Change(1 vs. 477 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs. 537T)	p-value(537T vs. N)	Fold-Change(1 vs. 37T vs. N)	p-value(563T vs. N)	Fold-Change(1 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25325094	PP2R2B;PPP2R2B;PPP2R2B	0.0814443		0.0340254	1.22477	2.12477	0.314813	0.728615	-1.37247	0.525236	0.821936	-1.21664	0.530684	1.21343	1.21343	0.0101509	2.68486	2.68486															
cg09355820	UBE4B;UBE4B	0.0814455		0.545407	0.920925	-1.08586	0.744704	1.04497	1.04497	0.417589	1.11796	1.11796	0.718031	1.05002	1.05002	0.00495768	0.606038	-1.65006															
cg25916194	ST6GAL1;ST6GAL1	0.0814458		0.0153739	2.50254	-3.99594	0.739135	0.855850	-1.16842	0.566293	1.30999	1.30999	0.84444	0.0329562	-1.09582	0.00871373	0.2108	-4.74383															
cg01564772	USP7	0.0814475		0.796308	0.932254	-1.07267	0.6618818	0.565141	-1.76863	0.0510616	0.366602	-2.77375	0.644066	0.881464	-1.13448	0.4090094	0.795363	-1.25729															
cg09671109	RBMS1;RBMS1;RBMS1;RBMS1	0.0814479		0.951558	0.961619	-1.03991	0.1216317	0.947659	2.947659	0.0745233	1.59634	1.59634	0.705553	1.27702	1.27702	0.948053	1.04287	1.04287															
cg13554207	LPAR3	0.0814499		0.167902	0.567809	-1.76115	0.6213198	0.825549	-1.21132	0.104474	0.504889	-1.98063	0.0713954	0.460517	-2.17147	0.14168	0.544161	-1.83769															
cg25302332	PTPN2;PTPN2;PTPN2	0.0814507		0.170474	0.458905	-2.17911	0.0467149	0.133338	2.497973	0.0823663	1.930257	1.930257	0.267762	0.633754	1.29191	1.29191	0.106287	0.990259	-2.2524															
cg08534641	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.0814517		0.544771	0.919425	-1.08764	0.052751	1.35223	1.35223	0.0637268	1.33065	1.33065	0.144334	0.805103	1.24208	1.24208	0.38514	1.14823	1.14823															
cg00681483	PCBP3;PCBP3	0.0814521		0.253422	0.786898	-1.27081	0.274979	0.795957	-1.25635	0.991558	1.00213	1.00213	0.204352	0.764047	-1.30882	0.440359	1.17129	1.17129															
cg09830925	BCOR;BCOR	0.0814525		0.0897516	0.44576	-2.24353	0.0945745	0.34521	2.896421	0.713175	1.15336	1.15336	0.21061	0.66388	-1.50637	0.0872395	1.5166	-1.5166															
cg10590095	THEM4	0.0814531		0.439586	0.830235	-1.20448	0.0934367	0.647883	-1.54349	0.0107104	0.465346	-2.14894	0.0426121	0.576401	-1.7349	0.0572934	0.601962	-1.66123															
cg09031716	INCA1;INCA1;KIF1C;INCA1;KIF1C;INCA1	0.0814544		0.777609	1.04513	1.04513	0.146445	0.784262	-1.27508	0.0303644	0.672467	-1.48706	0.826286	0.966314	-1.03486	0.22166	0.818517	-1.22172															
cg23812660	ZEB2;ZEB2	0.0814552		0.426845	0.693724	-1.44243	0.220474	0.558978	-1.78898	0.218999	0.53783	-1.85973	0.79266	0.683587	0.831085	-1.20325	0.363103	0.654614	-1.52762															
cg04405075	LOC100288797	0.0814557		0.8940317	1.04006	1.04006	0.842026	0.964812	-1.03626	0.164824	0.812707	-1.23081	0.18602	0.258471	0.456027	-2.29344	0.037006	0.183893	-5.43973															
cg16178907	FAM101A	0.0814575		0.0833123	0.695594	-1.43762	0.0394894	0.56979	1.56979	0.0735677	0.685428	-1.45894	0.729539	1.06792	1.06792	0.0601575	1.49397	1.49397															
cg01083915	SCO2;SCO2;SCO2;SCO2	0.0814587		0.515771	1.44642	1.44642	0.846325	1.64754	1.64754	0.157729	2.33651	2.33651	0.806893	1.347024	1.34702	0.144702	0.00505512	0.125339	-7.97585															
cg22401505	RWDD1;RWDD1;RWDD1	0.0814588		0.875518	0.950782	-1.05177	0.420056	0.767036	-1.30372	0.0279814	0.23974	2.37974	0.341412	0.730205	-1.36948	0.587551	0.338183	-2.95623															
cg07005513	FAOS2	0.0814599		0.8836265	1.02168	1.02168	0.635507	0.932475	-1.07242	0.0240803	1.4828	1.4828	0.815901	0.966428	-1.03474	0.265778	1.18506	1.18506															
cg00982227	PTGER4	0.0814611		0.0393418	0.252816	-3.95544	0.0148307	0.15836	6.314986	0.0122263	0.344563	2.93575	0.0884344	0.183453	-2.95716	0.0193456	0.207048	-4.83045															
cg03635766	IGFBP4	0.0814634		0.12318	0.345953	-2.89056	0.0113755	0.133486	-7.4914	0.0610138	0.261326	-3.82665	0.403552	0.580698	-1.72207	0.103992	0.323085	-3.09516															
cg05686457	HEPH1	0.0814641		0.4418767	1.24185	1.24185	0.19069	0.256465	1.25465	0.327163	0.861396	1.16091	0.436027	1.23086	1.23086	0.212346	0.442021	-2.25774															
cg08043242	LPPR3	0.0814648		0.400776	0.861332	-1.16099	0.00324169	0.498131	-2.00751	0.604212	0.913235	-1.09501	0.133262	0.754946	-1.3246	0.877487	1.02714	1.02714															
cg02584320	RAP2B	0.0814662		0.909751	1.00208	1.00208	0.526221	1.11974	1.11974	0.0666883	0.696224	-1.43632	0.528702	1.11896	1.11896	0.995156	0.16575	1.16575															
cg00636145	IRGC	0.0814676		0.829713	0.904792	-1.10539	0.0259597	0.633366	-1.57907	0.0339159	0.514893	-1.94203	-1.0905	-1.38072	0.268844	0.0259597	0.16229	-6.16229															
cg00448889	NARG2;NARG2	0.0814698		0.98321	1.00421	1.00421	0.430521	0.851529	-1.17436	0.0279088	0.595155	-1.68023	0.237924	0.796594	-1.25534	0.0587418	0.652817	-1.53182															
cg20332115	TPO;TPO;TPO;TPO	0.0814699		0.0846098	0.644539	-1.55183	0.0358442	0.160919	3.160919	0.0112093	0.716642	-1.3954	0.614638	0.889596	-1.12396	0.540823	0.887303	-1.12663															
cg14531665	SPIN1; SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0814707		0.350025	0.720354	-1.38821	0.00543046	0.48148	3.48148	0.018617	1.8162	1.8162	0.857599	0.948064	-1.05478	0.275	0.678911	-1.47295															
cg19092107	3	0.0814711		0.726374	1.1506	1.1506	0.530104	1.28912	1.28912	0.960064	1.04826	1.04826	0.92362	0.961949	-1.03956	0.0132623	0.293616	-3.40581															
cg19779076	ALOX15	0.0814729		0.0190604	0.389451	-2.56772	0.143287	0.16868	-5.92933	0.0670575	0.882276	-1.13343	0.239791	0.664284	-1.50538	0.824114	0.928695	-1.07678															
cg04980793	SBF54;SBF54	0.0814731		0.858544	1.06035	1.06035	0.542547	1.44942	1.44942	0.180847	1.22674	1.22674	0.483018	1.14807	1.14807	0.784324	0.9405	-1.05457															
cg14352658	UCK1;UCK1	0.0814736		0.151209	0.538732	-1.85621	0.0179195	0.18033	3.18033	0.287672	1.55886	1.55886	0.0375083	2.63971	2.63971	0.3598	0.684791	1.4603															
cg01035216	RASSF1;RASSF1;RASSF1;RASSF1	0.081476		0.713996	1.04941	1.04942	0.7676289	1.30774	1.30774	0.0220694	1.44077	1.44077	0.0995825	0.789354	-1.26686	0.289492	0.865817	-1.15498															
cg11468386	MXD3;MXD3	0.0814804		0.0824517	1.29495	1.29495	0.196987	0.259483	1.25948	1.25465	0.327163	2.78	2.78	?	?	?	?	?															
cg02933100	GRB10;GRB10;GRB10;GRB10	0.0814805		0.756492	1.09891	1.09891	0.672376	1.13766	1.13766	0.00760214	0.353165	-2.83154	0.151755	0.627733	-1.59303	0.746733	1.10324	1.10324															
cg10822545	MIR181D;MIR181C	0.0814811		0.0533804	0.549053	-1.82107	0.0158792	0.13792	7.2392	0.0423884	0.708045	-1.41206	0.802098	1.107285	-1.24189	0.0159625	0.144122	-6.93722															
cg10278506	TBC1D1	0.0814841		0.0771018	1.45728	1.45728	0.352748	0.110142	1.10142	0.364458	1.19454	1.19454	0.880503	1.02924	1.02924	0.185483	1.30864	1.30864															
cg18517677	FAM73B	0.0814848		0.0805767	0.661824	-1.51098	0.0821548	1.50708	1.50708	0.201356	1.33293	1.33293	0.728432	1.07706	1.07706	0.482049	0.858831	-1.16437															
cg10387860	GOLT1B;RECQL;RECQL;GOLT1B	0.0814861		0.0682752	0.744939	-1.34239	0.0267725	0.507455	1.97033	0.0237902	0.443708	-2.25376	0.0354485	0.786497	1.06642	0.0424107	0.726307	1.37651															
cg08644054	ARMC2;ARMC2	0.0814862		0.145202	0.396961	-2.51914	0.292696	0.524795	-1.9055	0.245985	0.488403	-2.04749	0.175907	0.447432	-2.33955	0.0193986	0.190282	-5.25535															
cg00168412	CD38	0.0814901		0.696343	1.18195	1.18195	0.0447511	0.313763	1.31763	0.0211766	0.784767	1.27	0.95	0.0259557	1.13939	0.0132623	0.293616	-3.40581															
cg17435831	PRKCZ;PRKCZ;PRKCZ	0.0814912		0.217668	0.695836	-1.43712	0.075294	1.7398	1.7398	0.307459	0.744224	-1.34368	0.477547	0.74525	1.22376	1.22376	0.324794	0.752519	-1.32887															
cg10387860	GOLT1B;RECQL;RECQL;GOLT1B	0.0814861		0.0682752	0.744939	-1.34239	0.0267725	0.507455	1.97033	0.0237902	0.443708	-2.25376	0.0354485	0.786497	1.06642	0.0424107	0.726307	1.37651															
cg08644054	ARMC2;ARMC2	0.0814862		0.145202	0.396961	-2.51914	0.292696	0.524795	-1.9055	0.245985	0.488403	-2.04749	0.175907	0.447432	-2.33955	0.0193986	0.190282	-5.25535															
cg00168412	CD38	0.0814901		0.696343	1.18195	1.18195	0.0447511	0.313763	1.31763	0.0211766	0.784767	1.27	0.95	0.0259557	1.13939	0.0132623	0.293616	-3.40581															
cg17435831	PRKCZ;PRKCZ;PRKCZ	0.0814912		0.217668	0.695836	-1.43712	0.075294	1.7398	1.7398	0.307459	0.744224	-1.34368	0.477547	0.74525	1.22376	1.22376	0.324794	0.752519	-1.32887															
cg14435997	MTL1	0.0814921		0.429101	0.731761	-1.36657	0.0210859	0.24279	2.92479	0.184787	0.995615	-1.00474	0.108601	0.196703	1.96703	0.0107706	0.456569	-2.19042															
cg04518083	SNRPN;SNRPN;SNRPN;SNRPN	0.0814938		0.491887	0.743934	-1.34459	0.0442975	0.204027	-2.02418	0.1864953	0.552458	-1.81009	0.10979	0.141653	2.14163	0.0304715	0.157851	-6.33541															
cg18610223	BCOR;BCOR;BCOR;BCOR	0.0814939		0.949578	0.946116	-1.05695	0.0667692	0.05059	0.05059	0.918929	0.914688	-1.09327	0.397046	2.13733	2.13733	0.0340716	0.114592	-8.72664															
cg09613616	PBLD;PBLD	0.0814954		0.0790648	0.642611	-1.55626	0.0715178	0.963746	-1.03726	0.624978	0.980459	-1.02014	0.300488	0.810115	-1.23439	0.0774907	0.477202	-2.09551															
cg25395304	ZNF234;ZNF234;ZNF234;ZNF234	0.0814955		?	?	?	0.0128579	0.0769744	-12.9913	0.298222	0.492667	-2.38511	?	?	?	?	0.127598	0.262662	-3.80717															
cg01998140	Clorf127	0.0814958		0.45137	1.42003	1.42003	0.979558	0.442	-1.94765	0.100304	0.439197	-2.27688	0.02386	0.291659	-3.42866	0.0109476	0.0944	-10.5904															
cg14196170	TNXB	0.0814971		0.303098	1.70738	1.70738	0.0048079	0.52959	0.52959	0.6688156	0.27687	2.76687	0.207221	1.94845	1.94845	0.196823	0.504426	-1.98245															
cg23328404	CSGALNACT1;CSGALNACT1;CSGALNAC T1	0.0814985		0.0664792	0.232881	-4.29405	0.931457	0.06281	1.06281	0.0753537	0.246126	-4.06296	0.680147	0.745627	-1.34115	0.0326303	0.170257	-5.87347															
cg11982583	GRID2	0.0814988		0.326386	1.43284	1.43284	0.0967609	0.523551	-1.91003	0.174843	1.66901	1.66901	0.704794	1.14466	1.14466	0.360605	0.716337	-1.39599															
cg13654902	CATSPER6	0.0814989		0.0578793	0.801498	-1.24766	0.617932	0.949432	-1.05326	0.217581	0.894735	-1.14323	0.0357042	0.777061	-1.2869	0.376099	0.10802	-9.26029															
cg14521746	PAK1;PAK1	0.0815001		0.0739323	0.809081	-1.23597	0.612123	0.947183	-1.05576	0.152332	0.868274	-1.15151	0.0966502	0.650723	-1.53702	0.0206744	0.186402	-5.36449															
cg15487251	IGF2BP2;IGF2BP2	0.0815029		0.374311	0.648976	-1.54089	0.689484	1.20976	1.20976	0.812727	0.893577	-1.1191	0.317214	0.612498	-1.63266	0.024296	0.280014	-3.57126															
cg13751265	C17orf28	0.0815042		0.1295221	0.4618369	-2.16527	0.0706276	0.16524	6.052632	0.0818189	0.610257	-1.63856	0.627091	0.81048	-1.23387	0.0497357	0.447031	-2.23675															
cg04002001	C22orf24	0.0815079		0.103341	0.417721	-2.39394	0.0667354	0.365236	-2.73796	0.47479	0.700381	-1.42779	0.269304	0.569111	-1.75713	0.0159324	0.235446	-4.24725															
cg04944977	RDH18	0.0815083		0.8815561	1.04006	1.04006	0.8420258	0.963568	-1.03781	0.0745168	1.1633	1.1633	0.0652364	0.472123	-2.11764	0.0102241	0.076344	-13.0995															
cg25421908	B3GNTL1	0.0815123		0.11915	0.749154	-1.33494	0.190303	0.789104	-1.26726	0.124634	0.752837	-1.32831	0.224803	0.804343	-1.24325	0.0876771	0.72476	-1.37977															
cg24214386	RAB30	0.0815124		0.861177	0.966384	-1.03479	0.729797	1.07008	1.07008	0.728501	0.934191	-1.07045	0.964135	0.97722	-1.02331	0.0089141	0.91559	-1.91559															
cg12709909	NFATC1;NFATC1;NFATC1;NFATC1	0.0815125		0.0271147	0.714114	-1.39996	0.0753109	0.994427	-1.00562	0.0245115	0.818045	1.1366	0.733677	1.00245	1.00245	0.0204085	0.111382	-8.9802															
cg18061395	MYO10	0.081513		0.045653	0.45912	-2.17808	0.147134	0.589493	-1.69637	0.0334357	0.429892	-2.32617	0.216409	0.642822	-1.55564	0.0122681	0.346647	-2.88478															
cg08861200	VDAC1	0.0815153		0.403228	0.906941	-1.10292	0.0268449	0.29232	3.42232	0.0233824	0.31264	3.19264	0.706025	0.957722	-1.04414	0.901873	0.504013	-1.98411															
cg14523574	CSF3R;CSF3R;CSF3R;CSF3R	0.0815222		0.376778	0.851007	-1.17508	0.764946	0.15479	2.15479	0.0310636	0.637254	-1.56923	0.100521	0.726133	-1.37716	0.0277874	0.629636	-1.58822															
cg01269212	C7orf27	0.0815241		0.10972	0.757443	-1.32023	2.09055	0.839661	-1.19096	0.114992	1.13198	1.13198	0.316576	1.26561	1.26561	0.553342	1.10025	1.10025															
cg15454195	NPAS3;NPAS3;NPAS3;NPAS3	0.0815244		0.097742	0.5023	-1.99203	0.0208455	0.216101	-4.62754	0.0289974	0.313487	-2.99862	0.414257	1.96748	1.96748	0.0129477	0.214909	-4.65302															
cg16254374	BNC1	0.0815259		0.0512585	0.23369	2.33369	0.29399	0.617832	-1.61856	0.576156	1.24064	1.24064	0.651283	0.840534	-1.18972	0.029334	0.818427	-1.22186															
cg04929173	GAS2L1;GAS2L1;GAS2L1	0.0815261		0.3076557	0.7139	-1.40055	0.0438738	0.10653	3.10653	0.0106403	0.183864	3.1863	0.0402862	0.156561	-6.38809	0.0152536	0.102217	-9.78479															
cg01059934	LOC340357	0.0815268		0.0960096	0.77348	-1.29286	0.262958	0.848754	-1.1782	0.417442	1.12348	1.12348	0.181392	0.819257	-1.22062	0.076623	0.75826	-1.31881															
cg15615022	TUBA3C	0.0815278		0.125427	0.347418	-2.91123	0.0188643	0.277351	-3.60554	0.0580498	0.38062	-2.62729	0.303425	0.618404	-1.61707	0.285533	0.606452	-1.64893															
cg19847477	ALS2CR8;WDR12;ALS2CR8	0.0815281		0.0585357	0.479125	-2.08696	0.0304428	0.28736	2.886574	0.152328	0.711618	-1.40549	0.0469647	0.422422	-2.36756	0.0113218	0.154647	-6.47121															
cg04615147	VPS26A;VPS26A	0.0815284		0.667509	1.15087	1.15087	0.738863	0.111492	1.11492	0.107248	1.77121	1.77121	0.586437	1.19555	1.19555	0.264665	1.45939	1.45939															
cg17349486	ADAM32	0.0815283		0.292497	0.7444	-1.34344	0.0208456	0.138338	3.138338	0.0104731	0.224791	4.450091	0.0202501	0.130995	7.630995	0.0104731	0.224791	-4.45009															
cg26945100	VPS4A	0.0815302		0.347783	0.851007	-1.17508	0.764946	0.15479	2.15479	0.0310636	0.637254	-1.56923	0.100521	0.726133	-1.37716	0.0277874	0.629636	-1.58822															
cg21629212	C7orf27	0.0815241		0.10972	0.757443	-1.32023	0.29055	0.839661	-1.19096	0.114992	1.13198	1.13198	0.316576	1.26561	1.26561	0.553342	1.10025	1.10025															
cg15454195	NPAS3;NPAS3;NPAS3;NPAS3	0.0815244		0.097742	0.5023	-1.99203	0.0208455	0.216101	-4.62754	0.0289974	0.313487	-2.99862	0.414257	1.96748	1.96748	0.0129477	0.214909	-4.65302															
cg16254374	BNC1	0.0815259		0.0512585	0.23369	2.33369	0.29399	0.617832	-1.61856	0.576156	1.24064	1.24064	0.651283	0.840534	-1.18972	0.029334	0.818427	-1.22186															
cg04929173	GAS2L1;GAS2L1;GAS2L1	0.0815261		0.3076557	0.7139	-1.40055	0.0438738	0.10653	3.10653	0.0106403	0.183864	3.1863	0.0402862	0.156561	-6.38809	0.0152536	0.102217	-9.78479															
cg01059934	LOC340357	0.0815268		0.0960096	0.77348	-1.29286	0.262958	0.848754	-1.1782	0.417442	1.12348	1.12348	0.181392	0.819257	-1.22062	0.076623	0.75826	-1.31881															
cg15615022	TUBA3C	0.0815278		0.125427	0.347418	-2.91123	0.0188643	0.277351	-3.60554	0.0580498	0.38062	-2.62729	0.303425	0.618404	-1.61707	0.285533	0.606452	-1.64893															
cg19847477	ALS2CR8;WDR12;ALS2CR8	0.0815281		0.0585357	0.479125	-2.08696	0.0304428	0.28736	2.886574	0.152328	0.711618	-1.40549	0.0469647	0.422422	-2.36756	0.0113218	0.154647	-6.47121															
cg04615147	VPS26A;VPS26A	0.0815284		0.667509	1.15087	1.15087	0.738863	0.111492	1.11492	0.107248	1.77121	1.77121	0.586437	1.19555	1.19555	0.264665	1.45939	1.45939															
cg17349486	ADAM32	0.0815283		0.292497	0.7444	-1.34344	0.0208456	0.138338	3.138338	0.0104731	0.224791	4.450091	0.0202501	0.130995	7.630995	0.0104731	0.224791	-4.45009															
cg26945100	VPS4A	0.0815302		0.347783	0.851007	-1.17508	0.764946	0.15479	2.15479	0.0310636	0.637254	-1.56923	0.100521	0.726133	-1.37716	0.0277874	0.629636	-1.58822															
cg15420514	HIVEP1;HIVEP3	0.0815304		0.569861	1.22766	1.22766	0.609271	0.867008	-1.15309	0.0139139	0.556482	-1.79698	0.0139333	0.164862	6.069848	-1.69535	0.172332	5.959991	-1.37788															
cg02182114	LOC100134229;IHDM1D	0.0815305		0.107322	0.776762	-1.28739	0.64489	0.10216	1.09216	0.130684	1.26438	1.26438	0.0183363	0.50891	1.98091	0.0149315	0.0777	-12.8706															
cg11588270	NAA25	0.0815306		0.0988342	0.646907	-1.54582	0.0918252	0.21697	-2.21697	0.782118	0.915454	-1.069	0.918042	0.975533	-1.02508	0.849234	0.104873	-9.53611															
cg03902033	DOC2A	0.0815307		0.145737	0.4	-2.5	0.0134758	0.096286	-10.3857	0.0454508	0.30438	-3.28463	0.0125356	0.155561	-6.42857	0.0022514	0.148479	-6.73511															
cg06586197	SORCS2	0.0815315		0.911002	0.959126	-1.04262	0.151387	0.563399	-1.77494	0.953803	0.722836	-1.38344	0.851823	1.07229	1.07229	0.0562491	0.446232	-2.24099															
cg01611645	GRIP1	0.0815327		0.0545407	0.219636	-4.5541	0.737675	0.808394	-1.23671	0.953103	1.00865	1.00865	0.159636	0.386726	-2.58585	0.0247099	0.237973	-4.20175															
cg08893650	TLE6;TLE6	0.0815331		0.0280219	0.10982	-9.10782	0.0172352	0.858938	-1.16423	0.0953547	0.559332	-1.78736	0.0359	0.79338	0.695532	-1.43796	0.36736	0.35139	-2.84679															
cg13007481	TMEM198 PP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.0815352		0.229386	1.32439	1.32439	0.00318421	2.45279	2.45279	0.0553509	1.62225	1.62225	0.937315	0.982632	-1.01768	0.364079	0.812397	-1.23093															
cg07233341	PP2R2B;PPP2R2B;PPP2R2B	0.0815352		0.772096	0.946053	-1.05702	0.206225	1.28995	1.28995	0.0266293	0.605497	-1.65154	0.211251	1.28596	1.28596	0.815077	1.04575	1.04575															
cg22221490	ENO1;ENO1	0.0815379		0.939991	1.01675	1.01675	0.8898603	0.661496	-1.51172	0.9823916	1.02879	1.52879	0.0219941	0.541367	-1.84038	0.253022	0.768447	-1.30133															
cg07990541	SLC9A3R1	0.0815384		0.280216	0.736274	-1.35814	0.0824284	0.145949	-2.45949	0.0066247	0.196618	-5.08533	0.0904423	0.364213	-2.74591	0.0266024	0.366618	-2.72906															
cg09096284	BGLAP	0.0815386		0.0160260	0.402991	-2.48144	0.19479	0.655194	-1.52627	0.0336885	0.465461	-2.14841	0.0689455	0.533932	-1.8729	0.0225644	0.315021	-4.74511															
cg17797898	MAD1L1;MAD1L1;MAD1L1	0.0815387

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	df(Error)	
cg20811840	C1orf52;C1orf52	0.0815908	0.996738	0.989009	-1.00109	0.183782	1.4572	1.4572	0.00759158	0.399881	-2.50125	0.3112764	0.757161	-1.32072	0.547565	0.850047	-1.17641	0.851546	0.951207	-1.0513	0.617564	0.887695	-1.12651	0.381282	1.27096	1.27096	0.0492243	1.82097	1.82097	2.79096	3.15134	1.00367	1
cg18335596	YB	0.0815919	1.38005	0.740144	-1.51939	0.369807	0.735075	-1.3604	0.970189	1.01357	-1.01357	0.79792	1.08052	1.08052	0.00795091	0.320724	-3.11795	0.1584677	0.489469	-2.04303	0.123199	1.74668	1.74668	0.261473	1.47895	1.47895	0.4504272	0.773401	-1.29299	2.79095	4.93628	1.57216	1
cg24685998	LRIG3;LRIG3;LRIG3	0.081593	0.145289	0.316466	-1.15989	0.124725	0.294425	-1.39646	0.633313	0.702166	-1.42417	0.0120647	0.0999747	-10.0025	0.0364929	0.167258	-3.97878	0.0137853	0.106487	-3.9368	0.308514	0.440519	-2.17146	0.100403	0.2660949	-3.75871	0.362541	0.502333	1.99071	2.79093	23.9232	7.61935	1
cg00783409	ARHGEF10	0.0815939	0.115291	0.70386	2.70386	0.638065	1.31687	1.31687	0.712308	0.806404	-1.24007	0.0725486	3.20254	3.20254	0.123039	2.63951	2.63951	0.109087	2.7596	2.7596	0.00876023	6.9567	6.9567	0.0387515	4.0164	4.0164	0.0936745	2.918219	2.918219	2.79092	14.9175	4.75113	1
cg20440575	CCNB1	0.081594	0.0110706	3.29386	3.29386	0.579595	2.2329	2.2329	0.62871	0.833342	-1.19999	0.693312	0.86237	-1.15986	0.887221	0.948289	-1.05453	0.521944	0.784393	-1.27487	0.0134942	0.318476	-3.13995	0.635027	1.19592	1.19592	0.554236	1.25087	1.25087	2.79092	0.18818	1.9709	1
cg09462536	MEST;MEST;MEST1T;MEST	0.0815942	0.815887	1.06079	1.06079	0.0143128	0.465726	-2.14718	0.0768057	1.64499	1.64499	0.0787968	0.6102258	-1.63865	0.240387	1.36479	1.36479	0.442078	1.21934	1.21934	0.201933	1.40623	1.40623	0.589469	0.871243	-1.14779	0.696694	1.10419	1.10419	2.79091	2.82958	0.901205	1
cg24979558	LOC349114	0.0815955	0.251374	0.57071	-2.66119	0.21766	0.979742	-2.63537	0.0234086	0.1324	-7.55285	0.599416	0.643591	-1.55378	0.00913891	0.0849091	-11.9471	0.23675	0.99326	-2.52317	0.3630151	0.495586	-2.0097	0.905133	0.6009572	-1.6568	0.0151192	0.107667	-8.28791	2.7909	24.6385	7.84724	1
cg00039843	SULT2B1	0.0816009	0.059978	0.203315	-4.91837	0.174788	0.362614	-2.76121	0.404532	0.598341	-1.67129	0.188435	0.402555	-2.48413	0.0287392	0.185563	-5.38899	0.113369	0.324665	-3.0801	0.0212997	0.164127	-6.09284	0.0186538	0.155384	-6.43568	0.209759	0.421847	-2.37053	2.79082	18.8446	6.00209	1
cg23616608	PIGP;PIGP;TTC5;PIGP	0.0816039	0.7004	0.962312	-1.03916	0.407241	1.08789	1.08789	0.54393	0.94079	-1.06294	0.0586165	1.23649	1.23649	0.0119637	1.35212	1.35212	0.0432375	1.25992	1.25992	0.751569	0.968935	-1.03206	0.404816	1.08838	1.08838	0.03694	1.27222	1.27222	2.79078	0.4363	0.138996	1
cg00383230	PPTC7	0.0816041	0.4209513	1.18243	-1.18243	0.12479	1.16229	1.16229	0.0159332	1.56912	-1.48979	0.449938	0.7972337	0.63564	-1.57301	0.0167275	0.0167275	0.0139884	1.33017	1.33017	0.0464368	0.628079	-1.59161	0.0178336	0.1446	-6.91644	0.0360279	0.61023	-1.63873	2.79077	1.83614	0.58483	1
cg11738921	ELFN1	0.0816055	0.698962	0.866283	-1.15436	0.136216	1.8095	1.8095	0.203969	1.64087	0.367686	1.39786	1.39786	0.636421	1.39786	1.39786	0.636421	0.159721	1.14786	1.14786	0.00351462	4.35125	4.35125	0.0369257	2.44771	2.44771	0.332862	1.44627	1.44627	2.79075	6.03074	1.92086	1
cg27580953	STX3;C	0.0816061	0.151145	0.473207	-2.11324	0.449231	0.697315	-1.43356	0.215227	0.885581	-1.11357	0.995399	0.9972	-1.00281	0.0155007	0.219587	-4.28107	0.0155007	0.219587	-4.28107	0.0155007	0.219587	-4.28107	0.0155007	0.219587	-4.28107	0.0155007	0.219587	-4.28107	2.79074	10.4566	3.39057	1
cg26112050	KIAA1409	0.0816078	0.0115246	2.86666	2.86666	0.97212	0.988073	-1.01207	0.4187244	0.386912	-2.58457	0.523958	0.24016	-2.24016	0.283989	0.6900667	-1.44914	0.161635	1.05987	-1.05987	0.712427	1.13133	1.13133	0.309561	0.704858	-1.41973	0.651753	1.16349	1.16349	2.79072	4.90967	1.56381	1
cg23119150	ALDH1A3	0.081609	0.0560205	5.17457	5.17457	0.752228	1.27192	1.27192	0.477153	0.577569	-1.7314	0.093077	0.40772	-2.45172	0.0168307	0.243784	-4.10227	0.224383	2.63593	2.63593	0.0267541	5.64554	5.64554	0.0110954	11.2279	11.2279	0.0946121	4.03605	4.03605	2.7907	25.4909	8.1193	1
cg00925871	MTPAP	0.0816091	1.251515	1.07906	-1.26504	0.584035	1.5212	1.5212	0.023338	1.70207	1.70207	0.238243	1.27434	1.27434	0.948149	0.997318	0.21284	0.672899	1.0869	1.0869	0.0494162	0.643999	1.5528	0.329184	1.21851	1.21851	0.215178	1.2918	1.2918	2.7907	1.70223	0.54219	1
cg15286094	ST7;ST7	0.0816108	0.042159	1.8284	1.8284	0.73288	1.09232	1.09232	0.386529	1.25711	1.25711	0.0114873	2.25932	2.25932	0.931635	1.02236	1.02236	0.56658	1.16105	1.16105	0.365203	0.786762	-1.27103	0.19603	0.702972	-1.42253	0.0554836	1.74976	1.74976	2.79068	2.93681	0.935435	1
cg19664798	AMMECR1;RGAG1	0.0816113	0.112684	0.475059	-2.105	0.0218813	0.265888	-3.76209	0.0332878	0.339594	-2.94651	0.802665	1.05992	1.05992	0.0185793	0.292203	-3.42228	0.224817	0.577198	-1.73251	0.207072	0.563532	-1.77452	0.497847	0.767303	-1.34535	0.104587	0.465478	-2.14833	2.79067	8.23126	2.61578	1
cg26594993	HSP90;KAT2A	0.0816126	0.126343	2.07602	2.07602	0.0530195	0.785048	2.78504	0.0528475	2.78766	2.78766	0.127224	2.15372	2.15372	0.0535795	2.1534	2.1534	0.0479108	2.87835	2.87835	0.0439968	2.955115	2.955115	0.0635429	2.64281	2.64281	0.0270479	3.385148	3.385148	2.79065	9.592	3.05528	1
cg01047375	BC113.4;BC113.4;BC113.4	0.0816128	0.652415	1.1363	1.1363	0.211143	0.689852	-1.44959	0.0240659	0.468455	-2.13468	0.0448084	0.522532	-1.91376	0.590581	1.1654	1.1654	0.527837	0.835053	-1.19753	0.0324961	2.02461	2.02461	0.528122	0.83516	-1.19738	0.710131	1.11095	1.11095	2.79065	3.55028	1.11811	1
cg16990996	BAT4;BAT4;CSNK2B	0.0816149	0.676451	1.05062	1.05062	0.745697	0.982545	-1.01891	0.797237	1.03064	1.03064	0.0119342	1.44437	1.44437	0.0068892	1.28101	1.28101	0.687969	0.953781	-1.04846	0.11774	0.819145	-1.22033	0.66834	1.05185	1.05185	0.0412899	1.31773	1.31773	2.79062	0.607205	0.193412	1
cg25368083	S100PBP	0.0816157	0.984396	1.0043	1.0043	0.0492339	0.611428	-1.63552	0.110437	0.683006	-1.46412	0.0419899	0.598326	-1.67133	0.0620465	0.63099	-1.58481	0.0583868	0.625785	-1.59799	0.156357	1.3942	1.3942	0.52013	1.1536	1.1536	0.426618	0.837019	-1.19472	2.79061	2.12301	0.676241	1
cg25278343	ITGB7	0.0816165	0.0271532	0.154089	-6.48976	0.0940013	0.26798	-3.73163	0.156738	0.338498	-2.95423	0.132943	0.313027	-3.19461	0.0701485	0.235069	-4.25407	0.147665	0.32925	-3.03721	0.0293318	0.159499	-6.26962	0.0152132	0.118596	-8.43196	0.111356	0.289303	-3.45659	2.7906	22.6047	7.20027	1
cg21859421	ME3A	0.0816174	0.204554	0.637806	-1.56788	0.418607	0.757504	-1.32012	0.115684	0.563017	-1.77614	0.575593	1.29025	1.29025	0.00615973	0.301488	-3.31689	0.353222	0.939682	-1.06419	0.0325361	0.433478	-2.31762	0.430077	1.3107	1.3107	0.281058	0.686352	-1.45698	2.79058	4.98739	1.58864	1
cg16535177	F13A1	0.0816209	0.4654845	1.03452	1.03452	0.926122	0.538919	-1.83557	0.703762	1.24552	1.24552	0.380579	0.5468568	-1.82459	0.0966148	0.190043	-5.26198	0.0958733	0.152172	-6.57125	0.0140499	0.647435	-1.54456	0.0158808	0.39523	0.39523	0.452818	0.646347	-1.54716	2.79054	14.3911	4.5841	1
cg18765463	ZNF701	0.0816209	0.0568952	0.700901	-1.42673	0.750571	0.948761	-1.05401	0.414005	1.14766	1.14766	0.472108	1.1282	1.1282	0.0167192	1.6189	1.6189	0.603887	1.09016	1.09016	0.0440304	1.46469	1.46469	0.0883817	1.36352	1.36352	0.387503	1.15729	1.15729	2.79054	1.20216	0.382931	1
cg07311968	MRPL27;2C3PW1	0.0816229	0.0479749	2.482004	2.482004	0.07431	0.125882	3.07552	0.0125782	3.58758	3.58758	0.0116	1.14706	1.14706	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	2.79052	1.63218	0.253862	1
cg15988232	CSPG5	0.0816245	0.55838	0.728776	-1.37386	0.1551108	0.91962	-1.41962	0.0956954	1.16563	1.16563	0.0139	1.33025	1.33025	0.155343	2.2614	2.2614	0.0160187	1.13751	1.13751	0.0139376	2.09073	2.09073	0.039249	3.59719	3.59719	0.0161068	2.12263	4.12263	3.028752	1.71763	1.71763	0.79048	1
cg00822607	ZNF668;ZNF688	0.0816259	0.339759	0.864074	-1.15731	0.177928	1.23685	1.23685	0.121214	1.28339	1.28339	0.709925	1.05705	1.05705	0.491946	1.1092	1.1092	0.515766	0.906786	-1.1028	0.0283163	0.680848	-1.46876	0.0325444	0.689687	-1.44993	0.246467	1.19718	1.19718	2.79046	0.974433	0.310401	1
cg08064997	ETV6	0.0816345	0.0657465	1.778349	1.778349	0.0644373	0.17491	-2.72207	0.0633322	1.0056	1.0056	0.444209	0.9096985	-1.09957	0.0144908	0.64008	-1.56248	0.29463	1.14098	1.14098	0.0853144	0.4887	2.04661	0.0163491	0.892308	-1.12069	0.883229	1.018	-2.7905	0.650826	0.207319	1
cg03988936	SLC35D3	0.0816277	0.0404967	0.86151	0.86151	0.140037	0.09237	0.09237	0.290877	2.64531	2.64531	0.139822	4.09598	4.09598	0.0145368	0.193148	5.17865	0.0587974	6.64812	6.64812	0.0194202	12.2817	12.2817	0.0356663	8.7584	8.7584	0.0574143	6.73598	6.73598	2.79044	34.8121	11.0893	1
cg13226597	RAC1;RAC1	0.0816283	0.0204456	3.19846	3.19846	0.541281	1.55458	1.55458	0.0134268	1.84846	1.84846	0.0991202	1.56225	1.56225	0.0882019	1.96393	1.96393	0.0203735	1.84846	1.84846	0.0991202	1.56225	1.56225	0.0882019	1.96393	1.96393	0.0203735	1.84846	1.84846	2.79044	11.1005	3.56705	1
cg22071372	RALY;RALY	0.0816303	0.9502002	0.988413	-1.01172	0.630471	0.913522	-1.09466	0.0308372	1.60504	1.60504	0.549715	0.893203	-1.11957	0.0955498	0.710578	1.40731	0.558858	1.11662	1.11662	0.450544	0.866356	-1.15426	0.140607	0.743951	-1.34417	0.0152006	0.573271	-1.74438	2.7904	1.53885	0.490203	1
cg13501507	DMXL2	0.0816343	0.3164405	1.22365	1.22365	0.320872	1.12123	1.12123	0.240121	1.27083	1.27083	0.900076	0.9758118	-1.02478	0.319962	0.818519	-1.22172	0.0546007	1.5294	1.5294	0.198735	0.767482	-1.30296	0.0124904	0.545748	-1.83235	0.592274	0.900017	-1.11109	2.79035	1.67806	0.534561	1
cg08196128	LOC440910	0.0816357	0.5327076	1.18041	1.18041	0.442485	0.89342	-1.11929	0.0171369	0.658985	-1.51749	0.521777	0.9107868	-1.09795	0.964732	1.03591	-1.00966	0.6705004	0.954092	-1.04791	0.0087206	0.61762	1.61762	0.186121	0.97513	-1.02559	0.945604	1.05782	-1.05559	2.79033	0.915304	0.29158	1
cg00007300	LRRC16B	0.0816382	0.26718	0.644692	-1.55113	0.0284786	0.37464	-2.66923	0.322728	0.678477	-1.47389	0.755273	1.12608	1.12608	7	7	7	0.0100981	0.291529	-3.43019	7	7	7	0.525242	1.27695	1.27695	0.965819	0.983858	-1.01641	2.86676	5.09278	2.03028	1
cg14485643	RAPGEF1;RAPGEF1	0.0816384	0.0429384	0.339804	-2.94303	0.07431	0.1258822	3.97052	0.0126752	3.58758	3.58758	0.0116	1.14706	1.14706	7	7	7	0.0729509	0.440788	-2.26902	0.0387795	0.2385635	-3.04289	0.0178502	0.0729509	0.440788	-2.26902	0.0387795	0.2385635	-3.04289	2.79032	1.24858	0.350907	1
cg04226314	DHX37	0.0816414	0.360626	0.829216	-1.20609	0.0539993	0.643185	-1.55476	0.133639	0.721502	-1.386	0.351221	0.824002	-1.21359	0.297385	0.804149	-1.24355	0.30609	2.3838	2.3838	0.0190167	1.77335	1.77335	0.298485	1.24289	1.24289	0.449734	1.1683	1.1683	2.79025	1.79903	0.573118	1
cg15520941	C1orf124;C1orf124	0.0816426	0.16228	1.3281	1.3281	0.576932	1.11314	1.11314	0.220862	0.78289	-1.27732	0.0443776	0.644583	-1.55139	0.0802173	1.44644	1.44644	0.645009	0.915554	-1.09223	0.0609624	1.49428	1.49428	7	7	7	0.203008	1.2912	1.2912	2.82434	1.43811	0.509183	1
cg25840649	TP53I11;TP53I11;TP53I11;TP53I11	0.0816438	0.0054636	3.19357	3.19357	0.1223096	0.1484	-3.48431	0.0190946	0.95953	-1.04213	0.0120275	0.1870124	-5.34697	0.0135775	0.1443	-6.93172	0.0729509	0.440788	-2.26902	0.0387795	0.2385635	-3.04289	0.0178502	0.0729509	0.440788	-2.26902	0.0387795	0.2385635	-3.04289	2.79025	1.24858	0.350907	1
cg13703859	ROR2	0.0816446	0.958752	1.0117	1.0117	0.01924	1.89079	1.89079	0.0379056	0.581906	-1.71849	0.987965	0.996613	-1.0034	0.973591	0.992581	-1.00747	0.38699	1.23075	1.23075	0.0582095	1.61852	1.61852	0.455771	0.842932	-1.18634	0.230396	0.753497	-1.32715	2.7902	2.23594	0.712316	1
cg09471763	SLC35A5	0.0816457	0.2704838	1.27555	1.27555	0.4724829	1.1088	1.1088	0.0135275	1.64741	1.64741	0.491787	0.8626534	-1.15931	0.905249	1.04741	-1.04741	0.1884555	1.45997	1.45997	0.0465403	0.537818	-1.85962	0.0246977	1.04903	1.04903	0.9167745	0.9642522	-1.03677	2.79019	0.9015304	0.2915537	1
cg03332253	CAPN11	0.0816471	0.0537037	1.38947	-2.56759	0.965241	0.981417	-1.01893	0.807419	1.11085	1.11085	0.166683	1.88642	1.88642	0.0108377	0.252256	-3.96423	0.39603	1.68787	-1.45373	0.0399783	0.359922	-2.77837	0.721928	1.16628	1.16628	0.735918	0.864411	-1.15686	2.79016	8.18759	2.6084	1
cg18477791	TMEM136	0.0816473	0.631888	0.825239	-1.59726	0.112699	0.525164	-1.90417	0.0386966	0.95953	-1.04213	0.0120275	0.1870124	-5.34697	0.0135775	0.1443	-6.93172	0.525572	0.786685	-1.27116	0.0534771	0.20812	-4.80252	0.0441997	1.19082	1.19082	0.155153	0.560974	-1.76375	2.79016	6.14812	1.95867	1
cg08027810	GABRR1;GABRR1;GABBR1	0.0816482	0.335722	0.97584	-1.82625	0.0204426	0.4466	-2.96546	0.0553966	3.77533	3.77533	0.0838576	1.19187	1.19187	0.2703208	0.500659	-1.99737	0.2411	0.824761	-1.44001	0.0141877	0.600937	1.66407	0.0179105	0.2411	0.824761	-1.44001	0.0141877	0.600937	1.66407	2.79015	0.18173	1
cg21917295	RASSF8;RASSF8;RASSF8	0.0816486	0.4469	1.17819	1.17819	0.106744	0.688999	-1.45138	0.503509	0.866231	-1.15443	0.797493	0.947063	-1.0559	0.142351	1.39599	1.39599	0.0345419	1.68437	1.68437	0.0163624	1.86036	1.86036	0.768921	0.939586	-1.0643	0.2025112	1.32924	1.32924	2.79014	1.97718	0.629895	1
cg08771175	CTNNA1;ERTM2	0.0816501	0.1414	2.07077	2.07077	0.184924	0.643373	1.17491	1.17491	0.0853053	1.88801	1.88801	0.0240113	2.53652	2.53652	0.508971	1.06066	1.06066	0.914088	1.14098	1.14098	0.0853144	0.4887	2.04661	0.0163491	0.892308	-1.12069	0.883229	1.018	-2.7905	0.650826	0.207319	1
cg03202477	EIF2AK3	0.0816541	0.717344	0.943641	-1.05973	0.0233935	0.672812	-1.53184	0.357624	0.86161	-1.16062	0.0523195	0.706468	-1.41549	0.983676	0.996784	1.00323	0.0574383	0.70571	-1.41701	0.707987	0.942477	-1.06103	0.0590056	1.39894	1.39894	0.51474	1.10962	1.10962	2.79014	0.109548	0.349002	1
cg03117819	EPN1;EPN1	0.0816549	0.388319	0.871223	-1.14784	0.0929305	1.77337	1.77337	0.285792	0.841326	-1.1886	0.363786	1.15637	1.15637	0.100816	0.755709	-1.32326	0.4724621	1.72981	1.72981	0.0178468	0.547803	1.10943	1.10943	0.404121	0.875423	-1.1423	0.731488	1.05737	1.05737	2.79013	1.10535	0.341932	1
cg11130728	MSH5;MSH5;MSH5;MSH5	0.0816494	0.195219	1.53117	1.53117	0.305194	0.716875	-1.39444	0.1227	1.28376	1.28376	0.155845	1.59862	1.59862	0.0196553299	0.625597	-1.59862	0.2444721	0.775963	-1.28872	0.349475	1.34919	1.34919	0.287422	1.40984	1.40984	0.939878	0.976816	-1.02373	2.79013	4.27321	1.53137	1
cg23897356	TUBB	0.0816494	0.0676437	0.634064	-1.55505	0.0969845	0.182362	1.48122	0.115089	0.92398	-1.08227	0.942096	1.01579	1.01579	0.0899722	1.02776	1.02776	0.572106	1.13102	1.13102	0.00593144	0.46019	-2.17301	0.539761	1.14326	1.14326	0.440725	0.844034	-1.18479	2.79013	2.05533	0.654792	1
cg22623101	C7orf20	0.0816496	0.130478	1.93165	1.93165	0.373144	0.455557	-2.19512	0.787802	1.27751	1.27751	0.0186657	2.27751	2.27751	0.0186657	2.27751	2.27751	0.0186657	2.27751	2.27751	0.0186657	2.27751	2.27751	0.0186657	2.27751	2.27751	0.0186657	2.27751	2.27751	2.79013	8.48149	2.65698	0.954609	1
cg05676251	C16orf81	0.0816521	0.5614217	0.617053	-1.62061	0.0166022	0.0902311	-11.0827	0.16093	0.291928	-3.42551	0.431692	0.5169337	-1.93447	0.0389536	0.140125	-7.13646	0.069601	0.188502	-5.30498	0.0239724	0.109215	-9.15622	0.635681	1.48051	1.48051	0.0884129	0.213172	-4.69105	2.7901	29.874	9.51748	1
cg10436090	KALRN;KALRN;KALRN;KALRN	0.0816552	0.0736564	2.722577	2.722577	0.0739592	0.1127841	-3.57473	0.0464609	2.23186	-4.28107	0.804997	1.17386	1.17386	0.127992	1.29203	-3.86	0.0766037	-1.75735	0.364178	1.19247	1.19247	0.0328932	0.624444	-1.60168	0.0766037	-1.75735	0.364178	1.19247	1.19247	0.0328932	0.624444	-1.60168	2.79009	1.57466	0.501667	1
cg08461071	ARL15	0.0816669	0.0268332	3.162227	-3.56228	0.796661	0.892832	-1.12003	0.0619382	0.997024	-2.51632	0.268833	0.6031661	-1.65793	0.0223989	0.300873	-3.32366	0.112541	0.468418	-2.13485	0.48701	1.36346	1.36346	0.749183	1.15122	1.15122	0.644815	0.763967	-1.30957	2.79008	2.54475	0.894888	1
cg20521345	MOAP1;C14orf109;C14orf109	0.0816674	0.393705	0.900643	-1.11032	0.0941234	1.24664	1.24664	0.259018	1.15148	1.15148	0.376552	0.8970081	-1.11482	0.34831	0.890781	-1.12261	0.560139	0.931864	-1.07312	0.0063222	0.653263	-1.53078	0.884221	1.01761	1.01761	0.272761	1.14651	1.14651	2.79008	0.639925	0.201976	1
cg01502244	SGK1	0.0816676	0.2229178	1.79211	1.79211	0.2583201	0.596127	-1.67737	0.0256998	0.847644	-1.18005	0.168127	0.49562	-2.01751	0.0468022	0.486845	-2.05467	0.2084705	0.479496	-2.08607	0.0276439	0.411831	-2.42853	0.0175249	0.742166	-1.34707	0.0511916	0.819432	-1.22035	0.0991289	0.452575	-2.20923	0.4954	2.70732	1
cg07697895	WNT2;WNT2;WNT2	0.0816698	0.270975	1.7198	1.7198	0.227023	0.718035	1.18035	0.391845	0.660314	-1.51443	0.709446	0.837719	-1.19372	0.476746	1.40817	1.40817	0.0236629	2.278586	3.58956	?	?	?	0.0568404	2.77246	2.77246	0.0560959	7.78323	2.98927	3.155	1
cg15779785	CACNA1C;CACNA1C;CACNA1C;CACNA1C-CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0816711	0.419433	0.820553	-1.21869	0.35018	1.25928	1.25928	0.782703	0.935868	-1.06853	0.530952	0.8588521	-1.16434	0.0830955	0.631285	-1.58407	0.00252342	0.365914	-2.73288	0.660941	1.11162	1.11162	0.454112	0.8329828	-1.20058	0.986714	0.996016	-1.004	2.78983	2.53952	0.809138	1
cg15533881	HCG4P6	0.0816716	0.0332909	14.3187	14.3187	0.132191	5.68731	5.68731	0.111471	6.38945	6.38945	0.179568	4.59518	4.59518	0.263536	3.4796	3.4796	0.0559338	10.1411	10.1411	0.0124765	27.8148	27.8148	0.0322758	14.6174	14.6174	0.0861684	7.60152	7.60152	2.78982	50.5694	16.1224	1
cg18994983	CYP2J1	0.0816728	0.4008087	1.58515	1.58515	0.696284	0.547246	-1.84248	0.0742952	0.855933	-1.16775	0.364681	0.7974252	0.6355	-1.57393	0.0911381	-3.48497	0.956701	0.98724	-1.01337	0.918387	0.567144	-1.76322	0.0102152	0.7238738	-1.38137	0.2744	0.729148	0.4134472	0.598068	-1.67205	2.78981	6.16189	2.04855	1
cg27624313	GTF2IRD1;GTF2IRD1	0.0816727	?	?	?	0.255542	-2.9257	1.9257	0.409554	1.59065	1.59065	0.711808	0.8157753	-1.22586	0.451702	1.52458	1.52458	0.0060206	2.81132	2.81132	?	?	?	0.248637	0.5138313	-1.94623	0.170824	2.02023	2.02023	3.059	11.0953	3.62708	1
cg08099895	SLC22A18;SLC22A18;SLC22A18AS	0.0816732	0.907016	0.947619	-1.05528	0.845644	0.914163	-1.0939	0.685368	0.828987	-1.20629	0.246667	0.572462	-1.74684	0.0606569	0.191944	-5.20993	0.81197	1.11598	1.11598	0.0144371	0.249541	-4.00737	0.129782	0.470678	-2.1246

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg13410955	DMRT1	0.08117736	0.0381435	20.6068	0.02081607	20.6039	0.0839	16.6339	0.07976	11.5649	11.5649	0.2113176	0.20966	5.20966	0.147736	7.06646	7.06646	0.5650226	2.070991	2.07991	0.2535729	25.1565	25.1565	0.01056118	56.934	56.934	0.4403303	2.69343	2.68343	2.78838	70.0003	22.3149	1
cg01517832	TOLLIP;LOC255512	0.0817792	0.0670301	0.49391	-0.20466	0.267497	0.672783	-1.48636	0.884908	1.05095	1.05095	0.21342	1.56759	1.56759	0.042974	0.411932	0.42975	0.0503312	0.465119	-2.14999	0.0352838	0.433199	-2.23912	0.109134	0.549125	-1.82108	0.629136	0.846226	-1.18172	2.7883	5.19869	1.6573	1
cg16923698	NBEAL2	0.081782	0.0274493	0.253098	-3.95104	0.0122046	0.193018	-5.18086	0.022959	0.238592	-4.19125	0.873954	0.919773	-1.08722	0.98591	0.990754	-1.00933	0.78599	1.15415	1.15415	0.64301	1.27873	1.27873	0.6567	1.26564	1.26564	0.6910	0.810212	-1.23425	2.78826	12.2536	3.90641	1
cg19615677	VPS52	0.08178223	0.191186	0.655801	-1.52471	0.9884037	1.0044	1.0044	0.0413375	0.488102	-2.04875	0.497612	1.23352	1.23352	0.153465	0.627668	-1.59336	0.118234	0.596325	-1.67694	0.00595269	0.33417	-2.99249	0.638403	1.15515	1.15515	0.3945	0.766602	-1.30446	2.78826	4.10226	1.30779	1
cg01831337	UST	0.08178223	0.157388	0.741613	-1.34841	0.0898892	0.691019	-1.44714	0.883374	1.02945	1.02945	0.362114	0.830939	-1.20346	0.104626	1.3609	1.3609	0.676187	1.08659	1.08659	0.0072542	1.9834	1.9834	0.911075	0.978154	-1.02233	0.953157	1.01168	1.01168	2.78826	1.72611	0.550279	1
cg19047670	CCND1	0.08178227	0.347645	0.724166	-1.3809	0.0109263	0.332543	-3.00713	0.0337942	0.445728	-2.24352	0.298534	1.43333	1.43333	0.921521	1.03329	1.03329	0.685883	1.14478	1.14478	0.431754	0.765342	-1.30661	0.514728	1.24604	1.24604	0.131091	1.73	1.73	2.08337	0.10047	1.33128	1
cg07932899	TPO;TPO;TPO;TPO	0.08178319	0.8798211	0.968481	-1.03254	0.00727642	2.08085	2.08085	0.555308	1.13461	1.13461	0.324285	1.24046	1.24046	0.752652	1.06921	1.06921	0.34906	1.22637	1.22637	0.00631263	1.21312	1.21312	0.692776	1.08769	1.08769	0.4165581	1.19215	1.19215	2.78823	1.97867	0.630801	1
cg13452193	RPL11	0.08178372	0.352027	0.879382	-1.13973	0.1809427	1.07043	1.07043	0.5454868	1.37199	1.37199	0.85144	0.974783	-1.02582	0.02533171	1.43653	1.43653	0.0463311	0.732771	-1.36458	0.51685	0.919459	-1.08766	0.867704	0.977945	-1.02297	0.159912	1.22975	1.22975	2.78819	0.819508	0.261264	1
cg06933064	HIPK4	0.08178372	0.443372	0.707927	-1.41257	0.547283	1.32957	1.32957	0.376372	1.69646	-1.49366	0.780128	1.13166	1.13166	0.071709	0.411167	-2.4321	0.0432596	0.357861	-2.79438	0.03753801	0.201803	-4.95537	0.172427	1.2867	1.2867	0.29273	1.04207	1.04207	2.78819	8.62649	2.75017	1
cg04977376	SMYD3;SMYD3	0.08178866	0.497825	0.806266	-1.24029	0.876082	1.05004	1.05004	0.810947	0.927762	-1.07786	0.593425	1.18366	1.18366	0.0032837	0.285515	-3.50244	0.305627	1.39361	1.39361	0.158161	0.623703	-1.60333	0.820118	1.07386	1.07386	0.11191	0.58179	-1.71883	2.78817	4.32304	1.37822	1
cg26881362	ACADVL;MIR324;ACADVL	0.08178887	0.4258857	0.720916	-1.38741	0.2716645	1.07043	1.07043	0.134334	0.831078	0.734003	-1.36239	0.07969607	1.77448	0.004654	1.00941	1.00941	0.0137833	0.407496	-2.45397	0.0150109	0.528498	-1.89934	0.515903	1.29494	1.29494	0.11296	0.742887	-1.34631	2.78817	3.43961	1.24241	1
cg26770098	SAMD4B	0.08178989	0.277783	0.149525	0.0611659	2.12132	2.12132	0.308302	1.45625	1.45625	0.769765	0.864898	-1.0599	0.695066	0.868993	-1.15076	0.29163	1.47702	1.47702	0.00744042	0.292694	-3.41654	0.981741	1.00819	1.00819	0.241578	1.54794	1.54794	2.78816	5.61034	1.78862	1
cg03345037	GPR83;GPR83	0.08178991	0.3105998	1.340499	1.140499	0.2778641	0.868144	-1.15188	0.9367762	1.03159	1.03159	0.163802	0.830125	-1.20464	0.979357	1.07268	1.07268	0.219163	0.841659	-1.18813	0.00460598	0.623459	-1.60396	0.917385	0.878534	-1.13826	0.0848734	0.785611	-1.26966	2.78816	0.6952358	0.223216	1
cg07494499	NXN	0.08178996	0.322876	0.758812	-1.31785	0.1536603	0.553073	-1.80808	0.00416537	0.354178	-2.82344	0.1442	0.654404	-1.52811	0.395574	0.790437	-1.26512	0.863944	1.04745	1.04745	0.0531871	0.552251	-1.81077	0.8226	1.06258	1.06258	0.4830051	0.824729	-1.21252	2.78812	3.32609	1.02852	1
cg18757242	ATP8B2;ATP8B2	0.08178921	0.971327	0.991434	-1.00864	0.0415106	0.404206	-2.47938	0.702078	0.91211	-1.09636	0.0948866	0.649088	-1.54062	0.202404	0.725978	-1.37745	0.0331552	0.550952	-1.81504	0.880302	1.03673	1.03673	0.579938	1.14318	1.14318	0.775684	0.933906	-1.07077	2.78812	2.52994	0.806577	1
cg17081914	NCKAP5;NCKAP5	0.08178924	0.0111201	0.331609	-3.0156	0.0192454	0.374658	-2.6691	0.0852834	0.553868	-1.93445	0.708099	0.859727	-1.2197	0.930156	1.03087	1.03087	0.2239906	0.648724	-1.54149	0.122076	0.559275	-1.78803	0.450785	1.30533	1.30533	0.1628908	0.556588	-1.8762	2.78811	3.31009	1.69293	1
cg08047387	C4orf51	0.08178935	0.2550002	1.2372	1.2372	0.913836	0.980802	-1.01957	0.281887	0.818498	-1.22175	0.606396	0.911121	-1.09755	0.612648	0.912617	-1.09575	0.925253	1.01695	1.01695	0.00250197	2.12156	2.12156	0.816833	1.04243	1.04243	0.415434	0.861501	-1.16077	2.7881	1.41638	0.451565	1
cg18729096	GOT1	0.08178973	0.506061	0.656246	-1.52393	0.824882	2.68819	2.68819	0.655222	1.70091	1.70091	0.558421	0.691114	-1.44694	0.00358693	0.885427	-1.17312	0.612509	0.726977	-1.37556	0.467538	0.630543	-1.58644	0.760806	0.826452	-1.20999	0.128232	0.938253	-2.79132	2.7808	17.2092	5.48667	1
cg00078318	SOX11;SOX11	0.08178973	0.4995622	0.927668	-1.07797	0.87653	1.0142	1.0142	0.705044	0.959344	-1.04248	0.0114221	0.709584	0.9598051	0.45148	1.04178	1.04178	0.707952	0.959617	-1.04208	0.0053941	0.669794	-1.49322	0.941157	0.772495	-1.29459	0.096439	1.00004	1.00004	2.78808	0.529807	0.168914	1
cg05796331	PPP2R2D;PPP2R2D;PPP2R2D	0.08178975	0.702995	1.35287	1.35287	0.01401107	10.9528	10.9528	0.111085	3.79836	3.79836	0.607966	0.66484	-1.50412	0.0658638	0.196277	-5.09484	0.736596	0.766176	-1.30518	0.0872152	0.225407	-4.43643	0.785707	1.23988	1.23988	0.405249	0.510779	-1.9578	2.78804	27.4845	8.76265	1
cg21820677	GABRA2;GABRA2	0.08178987	0.971738	0.992633	-1.01745	0.1394072	1.18484	1.18484	0.295623	1.25404	1.25404	0.444769	0.809381	-1.13795	0.293766	0.760905	-1.31422	0.0706876	0.656011	-1.52436	0.515096	0.87134	-1.14771	0.915154	1.04613	1.04613	0.6069634	1.52726	1.52726	2.78802	2.93371	0.613326	1
cg18283926	ZNF699	0.08178991	0.0778781	0.28659	-3.4893	0.768742	0.828569	-1.2069	0.523124	0.661815	-1.511	0.646914	1.34201	1.34201	0.463888	0.621567	-1.60884	0.703731	1.27596	1.27596	0.0054933	0.0794458	0.0794458	-12.5821	0.541336	0.674097	-1.48347	0.0215588	0.171976	-5.81477	2.78802	37.9638	5.7273	1
cg17726092	EBF3	0.08178819	0.407398	0.781326	-1.28009	0.2027706	0.946456	-1.23118	0.8236468	1.04268	1.02565	0.2625	1.30945	1.47271	0.0462	2.02219	1.9288	0.852122	1.24033	-1.24033	0.0609572	0.0132232	-13.3745	0.0859359	0.499123	-2.00352	0.0194546	1.3702	1.3702	2.78798	5.59381	1.41464	1
cg09484303	TRIO	0.08180233	0.840726	-1.03251	1.03251	0.00650708	0.56992	-1.75463	0.787795	0.958012	-1.04383	0.0483787	0.698646	-1.43134	0.786046	1.04421	1.04421	0.800466	1.04109	1.04109	0.0475001	0.697385	-1.43393	0.408347	0.874191	-1.14391	0.0936247	0.745905	-1.34065	2.78797	1.11617	0.355869	1
cg18080591	CASC4;CASC4	0.08180227	0.571507	0.884433	-1.13016	0.85493	1.03994	1.03994	0.212782	1.32418	1.32418	0.637123	1.09485	1.09485	0.0360488	1.68499	1.68499	0.0738802	1.53159	1.53159	0.0473071	2.23217	2.23217	0.640658	1.10583	1.10583	0.187283	1.34861	1.34861	2.78797	2.02184	0.644623	1
cg03377286	C10orf18	0.08180844	0.3534716	0.80654	-1.24004	0.2984528	1.6455	1.6455	0.0155651	1.88286	1.88286	0.614093	1.13741	1.13741	0.0267455	1.75344	1.75344	0.984071	1.09553	-1.09553	0.7944258	0.9204938	-1.08637	0.840138	0.958686	-1.04309	0.7942984	0.940005	-1.06317	0.8403138	0.95686	-1.04509	2.78797	0.6971128	0.254825	1
cg26366091	CHI3L2;CHI3L2	0.08180844	0.01647	0.114122	-8.76258	0.998494	0.998746	-1.00126	0.448499	0.564351	-1.77195	0.148228	0.317049	-3.15408	0.00966444	0.0884587	-11.3047	0.88655	1.11152	1.11152	0.142665	0.31129	-3.21244	0.810409	1.19483	1.19483	0.0740372	0.228883	-4.36904	2.78794	24.2213	7.72254	1
cg00782194	SLC1A5;SLC1A5;SLC1A5	0.08180858	0.0256568	0.424443	-2.35908	0.352318	0.5778	-1.36281	0.953201	1.00051	1.00051	0.940572	1.13141	1.13141	0.554084	1.82407	1.82407	0.112642	0.722338	-1.3843	0.0075511	0.144709	0.0315869	0.0853482	0.119347	1.15948	1.15948	0.742793	1.34655	1.34655	2.78794	17.2092	5.48667	1
cg22174010	ZIM2;ZIM2;ZIM2	0.08180883	0.038593	1.59297	1.56297	0.246808	0.798215	-1.2528	0.206254	0.780277	-1.2816	0.911994	1.02079	1.02079	0.742	1.040652	1.06309	0.176831	0.76554	-1.30627	0.025707	1.63732	1.63732	0.137554	0.742583	-1.34665	0.454691	0.867864	-1.15225	2.78789	1.52924	0.487583	1
cg25268678	PLEKHG6;PLEKHG6	0.08181013	7	7	7	0.1818166	4.32287	4.32287	0.164098	4.63478	4.63478	0.263922	0.299842	-3.33509	7	7	0.2032691	0.249775	-4.0036	0.0595053	8.99774	8.99774	0.158375	4.74714	4.74714	0.0452338	10.7283	10.7283	2.86418	37.6429	15.0201	1
cg00543100	KCNJ5	0.08181042	0.6614334	0.854372	-1.17045	0.3394072	1.14844	1.14844	0.295623	1.25404	1.25404	0.444769	0.809381	-1.13795	0.293766	0.760905	-1.31422	0.633413	1.18781	1.18781	0.0307941	0.215823	-4.24047	0.909915	1.04123	1.04123	0.614566	1.19883	1.19883	2.78784	5.61206	1.79575	1
cg06264060	MCHR1	0.08181314	0.27088	0.601697	-1.66197	0.0457535	2.7591	1.7591	0.16096	1.94168	1.94168	0.98905	1.0061	1.0061	0.163231	0.517112	-1.93382	0.6161	1.2511	1.2511	0.0276859	0.315525	-3.16932	0.10655	0.457972	-2.18354	0.579193	1.28178	1.28178	2.78782	8.67106	2.76475	1
cg22129545	UCN	0.08181358	0.150387	0.713545	-1.40161	0.1853939	0.664124	-1.50564	0.0772406	0.744268	-1.34338	0.0894868	0.622565	1.60625	0.0130945	1.44727	1.44727	0.2202119	0.5388	-1.85581	0.0204463	0.426402	-2.34497	0.0859359	0.499123	-2.00352	0.0194546	1.3702	1.3702	2.78778	5.59381	1.41464	1
cg00392872	DYNLRB1	0.08181444	0.212717	0.820669	-1.21852	0.761147	0.955127	-1.04698	0.0330768	1.45536	1.45536	0.413975	0.881828	-1.13401	0.528912	0.9084007	1.10083	0.169889	0.802392	-1.24627	0.01293	0.628358	-1.59145	0.477477	0.896941	-1.1149	0.295705	1.17738	1.17738	2.7878	1.00124	0.319245	1
cg27064063	DCBLD1	0.08181447	0.0699996	0.54951	-1.81459	0.0529744	1.24331	1.24331	0.618572	1.83324	1.83324	0.157926	0.690881	0.690881	0.296641	3.71516	3.71516	0.461859	2.47063	2.47063	0.72992	0.673273	-1.52144	0.00635887	0.72812	72.8912	0.0403926	17.4425	17.4425	2.7878	64.3797	20.5274	1
cg27526032	MAPO1	0.08181819	0.5528077	0.849249	-1.17756	0.4733809	1.12227	1.12227	0.0618065	1.44566	1.44566	0.0766452	-1.03573	0.9965233	1.18942	1.18942	1.18942	0.1144	0.87425	-1.14336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	2.78777	2.78777	2.78777	0.5615061	1.4646	1
cg26075039	GLI2	0.08182003	0.108364	2.44032	2.44032	0.0677119	2.83601	2.83601	0.520647	1.39325	1.39325	0.0344528	3.51236	3.51236	0.0569272	0.333751	2.99625	0.245009	1.85781	1.85781	0.974557	0.983887	-1.01638	0.208049	1.96616	1.96616	0.0610296	2.93097	2.93097	2.78772	11.454	3.6522	1
cg26440001	AHCY1;AHCY1	0.08182019	0.9682217	0.984207	-1.01595	0.2748677	1.62536	1.62536	0.13197	1.55693	1.55693	0.1455	1.5607744	-1.77518	0.0012155	0.563284	-1.77518	0.0182707	0.307892	-3.24789	0.527704	0.29119	-3.43387	0.0144222	0.256357	3.90104	0.0499	1.64564	1.64564	2.78769	7.35159	2.63999	1
cg22234080	NEFH	0.08182226	0.0847752	1.42275	1.42275	0.57481	0.901141	-1.1097	0.311911	0.824071	-1.21349	0.18721	1.29507	1.29507	0.555511	0.898127	-1.11343	0.232676	0.793347	-1.26048	0.0529655	0.665776	-1.50201	0.66725	0.684311	-1.46132	0.0855907	1.42117	1.42117	2.78769	1.51057	0.481663	1
cg27059552	SLC25A10	0.08182249	0.0949883	0.409294	-2.44323	0.0218001	0.261743	-3.82055	0.0481432	0.332981	-3.00317	0.74106	0.869263	-1.1504	0.0135455	0.225882	-4.42708	0.609054	0.77791	-1.2855	0.602702	0.774382	-1.29135	0.0574966	0.351346	-2.84619	0.0890677	0.40131	-2.49184	2.78766	10.4663	3.33755	1
cg26672739	C14orf174;TMED8	0.08182259	0.3255682	0.7487	-1.33566	0.1827707	0.454567	-2.1937	0.0661145	0.647037	-1.54501	0.0579932	0.683581	-1.46357	0.0157518	0.657953	-1.52017	0.172412	1.02841	1.02841	0.8450491	0.7972442	-1.25418	0.3127892	0.7972442	-1.25418	0.3127892	0.7972442	-1.25418	0.3127892	2.78766	2.78766	2.78766	0.7972442	-1.25418	0.3127892	1
cg19877248	LOXL2	0.08182826	0.0513988	0.329957	-3.0307	0.0923348	0.396078	-2.52476	0.0435107	0.313326	-3.19156	0.196899	0.505585	-1.97791	0.258525	1.80406	1.80406	0.387279	0.642092	-1.55741	0.031715	0.283979	-3.52139	0.440864	0.748331	1.48113	0.103878	0.541091	-1.84873	2.78765	1.0134	0.35184	1
cg06464488	C20orf11;DIDO1;DIDO1;DIDO1	0.08182867	0.1818662	0.638822	-1.56552	0.3188254	1.32732	1.32732	0.0178359	1.60086	1.60086	0.164958	0.861662	-1.16055	0.0947684	0.707232	-1.41388	0.0050288	0.455	-2.19781	0.0136714	0.17786	-5.62308	0.0179384	0.230917	4.33091	0.0232	1.26564	1.26564	2.78763	4.10226	1.30779	1
cg13083776	RAB3B	0.08182877	0.0185007	0.580301	-1.72324	0.691254	0.926772	-1.07901	0.00877564	0.529479	-1.88865	0.643424	0.915023	-1.09287	0.071945	0.68203	-1.46621	0.520541	1.1321	1.1321	0.234791	0.7888	-1.26775	0.220137	0.782231	-1.27839	0.1312111	0.733123	-1.36403	2.78762	1.60228	0.510919	1
cg19297552	FAM65B	0.08182959	0.0235568	0.414443	-2.41506	0.332618	0.57278	-1.76281	0.955165	1.00005	1.00005	0.940572	1.13141	1.13141	0.554084	1.82407	1.82407	0.112642	0.722338	-1.3843	0.0075511	0.144709	0.0315869	0.0853482	0.119347	1.15948	1.15948	0.742793	1.34655	1.34655	2.78762	17.2092	5.48667	1
cg19477248	LOXL2	0.08182826	0.0513988	0.329957	-3.0307	0.0923348	0.396078	-2.52476	0.0435107	0.313326	-3.19156	0.196899	0.505585	-1.97791	0.258525	1.80406	1.80406	0.387279	0.642092	-1.55741	0.031715	0.283979	-3.52139	0.440864	0.748331	1.48113	0.103878	0.541091	-1.84873	2.78764	1.0134	0.35184	1
cg26464488	C20orf11;DIDO1;DIDO1;DIDO1	0.08182867	0.1818662	0.638822	-1.56552	0.3188254	1.32732	1.32732	0.0178359	1.60086	1.60086	0.164958	0.861662	-1.16055	0.0947684	0.707232	-1.41388	0.0050288	0.455	-2.19781	0.0136714	0.17786	-5.62308	0.0179384	0.230917	4.33091	0.0232	1.26564	1.26564	2.78763	4.10226	1.30779	1
cg13083776	RAB3B	0.08182877	0.0185007	0.580301	-1.72324	0.691254	0.926772	-1.07901	0.00877564	0.529479	-1.88865	0.643424	0.915023	-1.09287	0.071945	0.68203	-1.46621	0.520541	1.1321	1.1321	0.234791	0.7888	-1.26775	0.220137	0.782231	-1.27839	0.1312111	0.733123	-1.36403	2.78762	1.60228	0.510919	1
cg18529514	FAS	0.08182959	0.0235568	0.414443	-2.41506	0.332618	0.57278	-1.76281	0.955165	1.00005	1.00005	0.940572	1.13141	1.13141	0.554084	1.82407	1.82407	0.112642	0.722338	-1.3843	0.0075511	0.144709	0.0315869	0.0853482	0.119347	1.15948	1.15948	0.742793	1.34655	1.34655	2.78762	17.2092	5.48667	1
cg22238650	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.08183086	0.0107936	0.186942	-5.35004	0.617483	0.316019	-1.30169	0.183686	0.68868	-1.45207	0.577705	0.354938	-2.82174	0.156289	0.451966	-2.21255	0.0839515	0.380945	-2.62505	0.0362052	0.27931	-3.58025	0.034757	1.04381	1.04381	0.7423	1.16244	1.16244	2.78762	1.16244	0.386043	1
cg26316599	ATP6V0E1	0.08183308	0.230705	0.690791	-1.44762	0.300384	0.729259	-1.37125	0.541917	0.833896	-1.19919	0.0194927	0.435733	-2.29498	0.00983176	0.382865	-2.61189	0.2017	1.0534	1.0534	0.718349	0.898923	-1.11244	0.288578	1.38282	1.38282	0.082349	0.567696	-1.76151	2.78757	3.82145	1.21857	1
cg05655935	BTAF1	0.08183313	0.387814	0.780272	-1.28136	0.1885382	1.27467	1.27467	0.0501056	0.657331	1.52163	-1.17287	0.4569172	2.19183	0.032506	2.409074	-2.44454	0.0706876	0.656011	-1.52436	0.515096	0.87134	-1.14771	0.915154	1.04613	1.04613	0.6069634	1.52726	1.52726	2.78757	2.93371	0.613326	1
cg06264060	MCHR1	0.08181314	0.27088	0.601697	-1.66197	0.0457535	2.7591	1.7591	0.16096	1.94168	1.94168	0.98905	1.0061	1.0061	0.163231	0.517112	-1.93382	0.6161	1.2511	1.2511	0.0276859	0.315525	-3.16932	0.10655	0.457972	-2.18354	0.579193	1.28178	1.28178	2.78782	8.67106	2.76475	1
cg22129545	UCN	0.08181358	0.150387	0.713545	-1.40161	0.1853939	0.664124	-1.50564	0.0772406	0.744268	-1.34338	0.0894868	0.622565	1.60625	0.0130945	1.44727	1.44727	0.2202119	0.5388	-1.85581	0.0204463	0.426402	-2.34497	0.0859359	0.499123	-2.00352	0.0194546	1.3702	1.3702	2.78778	5.59381	1.41464	1
cg00392872	DYNLRB1	0.08181444	0.212717	0.820669	-1.21852	0.761147	0.955127	-1.04698	0.0330768	1.45536	1.45536	0.413975	0.881828	-1.13401	0.528912	0.9084007	1.10083	0.169889	0.802392	-1.24627	0.01293	0.628358	-1.59145	0.477477	0.896941	-1.1149	0.295705	1.17738	1.17738	2.7878	1.00124	0.319245	1
cg27064063	DCBLD1	0.08181447	0.0699996	0.54951	-1.81459	0.0529744	1.24331	1.24331	0.618572	1.83324	1.83324	0.157926	0.690881	0.690881	0.296641	3.71516	3.71516	0.461859	2.47063	2.47063	0.72992	0.673273	-1.52144	0.00635887	0.72812	72.8912	0.0403926	17.4425	17.4425	2.7878	64.3797	20.5274	1
cg27526032	MAPO1	0.08181819	0.5528077	0.849249	-1.17756	0.4733809	1.12227	1.12227	0.0618065	1.44566	1.44566	0.0766452	-1.03573	0.9965233	1.18942	1.18942	1.18942	0.1144	0.87425	-1.14336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	0.1144336	2.78777	2.78777	2.78777	0.5615061	1.4646	1
cg26075039	GLI2	0.08182003	0.108364	2.44032	2.44032	0.0677119	2.83601	2.83601	0.520647	1.39325	1.39325	0.0344528	3.51236	3.51236	0.0569272	0.333751	2.99625	0.245009	1.85781	1.85781	0.974557	0.983887	-1.01638	0.208049	1.96616	1.96616	0.0610296	2.93097	2.93097	2.78772	11.454	3.6522	1
cg26440001	AHCY1;AHCY1	0.08182019	0.9682217	0.984207	-1.01595	0.2748677	1.62536	1.62536	0.13197	1.55693	1.55693	0.1455	1.5607744	-1.77518	0.0012155	0.563284	-1.77518	0.0182707	0.307892	-3.24789	0.527704	0.29119	-3.43387	0.0144222	0.256357	3.90104	0.0499	1.64564	1.64564	2.78769	7.35159	2.63999	1
cg19477248	LOXL2	0.08182826	0.0513988	0.329957	-3.0307	0.0923348	0.396078	-2.52476	0.0435107	0.313326	-3.19156	0.196899	0.505585	-1.97791	0.258525	1.80406	1.80406	0.387279	0.642092	-1.55741	0.031715	0.283979	-3.52139	0.440864	0.748331	1.48113	0.103878	0.541091	-1.84873	2.78764	1.0134	0.35184	1
cg13083776	RAB3B	0.08182877	0.0185007	0.580301	-1.72324	0.691254	0.926772	-1.07901	0.00877564	0.529479	-1.88865	0.643424	0.915023	-1.09287	0.071945	0.68203	-1.46621	0.520541	1.1321	1.1321	0.234791	0.7888	-1.26775	0.220137	0.782231	-1.27839	0.1312111	0.733123	-1.36403	2.78762	1.60228	0.510919	1
cg18529514	FAS	0.08182959	0.0235568	0.414443	-2.41506	0.332618	0.57278	-1.76281	0.955165	1.00005	1.00005	0.940572	1.13141	1.13141	0.554084	1.82407	1.82407	0.112642	0.722338	-1.3843	0.0075511	0.144709	0.0315869	0.0853482	0.119347	1.15948	1.15948	0.742793	1.34655

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5277 vs. N)	Fold-Change(5277 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	
cg14729184	ASB5	0.08819394	0.277272	0.43375	-2.30546	1.0690262	0.222231	-4.49982	0.3313964	0.4771163	-2.00572	0.8440793	0.861843	-1.16903	0.0386772	0.170312	-5.87159	0.538049	0.630719	-1.58549	0.00331482	0.0519991	-19.2211	0.2019791	0.382622	-2.63355	0.1881636	0.356671	-2.80371	2.78604	24.1125	7.69311	1
cg06451557	HCG2P7	0.08194007	0.87671	1.05881	1.05881	0.8251096	0.4926383	-2.0297	0.0411999	0.42022	-2.37971	0.830326	1.08219	1.08219	0.0142125	0.328505	-3.04409	0.730689	0.880567	-1.13563	0.0221818	0.3644457	-2.7438	0.17035	0.5842077	-1.71172	0.1486777	0.565423	-1.76859	2.78603	5.97874	1.90753	1
cg13317725	ANKRD33;ANKRD33	0.081942	0.3848802	0.8014419	-1.24779	0.596781	0.875779	-1.14184	0.2211138	0.7264489	-1.37648	0.762357	0.9274323	-1.07826	0.0264057	1.92329	1.92329	0.602579	1.13941	1.13941	1.00858421	2.29984	2.29984	0.5275572	0.852985	-1.17235	0.8625548	1.04399	1.04399	2.78601	2.72342	0.86892	1
cg05372468	GDPD5	0.08194449	0.8683895	1.02931	1.02931	0.6807327	1.073247	1.073247	0.4991613	0.8873924	-1.12701	0.64325	1.0219255	-1.08469	0.3208363	0.8362695	-1.19575	1.127036	1.33322	1.33322	1.00328239	2.04799	2.04799	0.568227	0.904357	-1.10576	0.9868837	0.997129	-1.00288	2.78597	1.34037	0.4276358	1
cg15659347	ERC1;ERC1;ERC1;ERC1;ERC1	0.081946	0.00907811	0.587636	-1.70173	0.12175	1.30864	1.308644	0.042028	1.13394	1.13394	0.205174	0.8070691	-1.23905	0.0143341	0.688933	-1.45152	0.628065	0.924705	-1.08143	0.541354	1.10423	1.10423	0.763296	0.952722	-1.04962	0.4893576	0.893501	-1.11919	2.78595	1.13453	0.3619861	1
cg19252891	SPOYE5	0.08196466	0.06958888	0.703946	-1.42056	0.696587	1.070113	1.070113	0.3214562	0.837626	-1.19385	0.3424605	1.184636	1.184636	0.6005734	0.9126217	-1.09568	0.099164	1.36707	1.36707	0.6166876	1.657774	1.657774	0.1185567	0.749464	-1.34055	0.0125531	1.010919	1.010919	2.78594	1.32013	0.4212044	1
cg06653216	LMF1	0.08194575	0.9570808	0.975128	-1.02551	0.396198	1.5007	1.5007	0.126253	2.16599	2.16599	0.857793	0.9196617	-1.08741	0.0366363	0.159486	-6.27014	0.213404	1.8444	1.8444	0.8117271	1.117191	1.117191	0.6179006	0.7906037	-1.26485	0.602627	0.78241	-1.2781	2.78593	9.63117	3.07296	1
cg05110381	SLCO3A1;SLCO3A1	0.08194696	0.85021	1.06175	1.06175	0.206649	1.074934	1.574934	0.1562946	1.08302215	0.3445013	-2.91968	0.9969912	1.025137	1.025137	0.7127792	1.124321	1.124312	1.124312	1.49155	1.49155	1.2944	1.49155	1.2944	1.49155	0.4197838	1.28508	1.28508	0.6859889	1.13749	1.13749	2.7859	4.42004	1.41412	1
cg17899175	VRK3;VRK3;2NF473;2NF473	0.08194997	0.3460047	1.08867	1.08867	0.722846	0.9690306	-1.03167	0.6991651	0.9656375	-1.01854	0.923632	1.020776	1.00776	0.6845315	0.7358021	-1.35911	0.336607	1.09061	1.09061	0.00442507	0.7171108	-1.39446	0.0627112	0.20123	-4.96225	0.1278765	0.976843	-1.02414	2.7859	0.3381559	0.1078996	1
cg14159036	MAD1L1;MAD1L1;MAD1L1	0.08195	0.3599061	0.676523	-1.47815	0.00935672	0.254557	-3.9284	0.375343	1.45898	1.45898	0.821584	0.9104981	-1.09831	0.364787	1.47199	1.47199	0.253055	0.609204	-1.64149	0.139725	1.9343	1.9343	0.1213012	2.00852	2.00852	0.3453738	1.49653	1.49653	2.78589	7.60486	2.42647	1
cg19428942	USP35	0.08195906	0.8536573	0.962171	-1.03985	0.6335204	0.8820041	-1.1545	0.7944803	1.0260505	1.056605	1.0260505	1.2818	1.283442	0.8135886	1.2818	1.283442	0.895442	1.02784	1.02784	1.00196456	2.51789	2.51789	0.2486552	1.04021	1.03021	0.7706849	0.94078	-1.06295	2.78588	1.92488	0.6141609	1
cg06494872	DGKQ	0.08195511	0.0838889	0.418331	-2.39045	0.0631812	0.385938	-2.59109	0.0430676	0.67751	-1.47599	0.0962941	0.435173	-2.29794	0.008091	0.221329	-4.68846	0.543535	0.755675	-1.32332	0.1298202	0.026256	0.300877	-3.32362	2.78588	8.15886	2.92231	1
cg08583610	CDK14	0.08195538	0.4438704	0.709709	-1.40903	0.6682256	0.412118	-2.42649	0.0173162	0.2884105	-3.51983	0.47426	0.729108	-1.37154	0.814604	1.10736	1.10736	0.750328	1.14866	1.14866	0.103101	2.16861	2.16861	0.068928	2.41977	2.41977	0.6968896	1.18523	1.18523	2.78584	8.31571	2.65333	1
cg03790047	CLC11A2;CLC11A2;CLC11A2;CLC11A2;CLC11A2	0.08195776	0.2500669	0.831212	-1.20306	0.503446	0.900834	-1.11008	0.963976	0.994113	-1.00592	0.4308	1.13165	1.13165	0.0603151	0.5377553	-1.85959	0.260515	1.19782	1.19782	0.460764	0.890912	-1.12245	0.644209	1.07419	0.181752	0.80411	-1.24361	2.78579	1.04372	0.3330311	1
cg13186679	UBE2Q1	0.08195862	0.652288	1.08868	1.08868	0.5161	0.9696356	1.0969	0.6611802	1.0181913	0.4413822	1.02908	1.02908	1.02908	0.5295331	1.15625	1.15625	0.7358255	1.12705	1.12705	0.2192677	1.20523	1.20523	0.1966267	0.6513361	-1.53525	0.2157997	0.74367	-1.34468	2.78578	2.26126	0.7310988	1
cg16092895	PPP1R1A	0.08195884	0.8921661	0.969925	-1.03101	0.127767	1.44874	1.44874	0.006017B1	2.24332	2.24332	0.927268	0.9796656	-1.02077	0.627619	0.895794	-1.11633	0.182188	1.37541	1.37541	0.852103	0.9588554	-1.04291	0.0725739	0.63699	-1.56988	0.5757099	1.13575	1.13575	2.78578	2.23606	0.7134841	1
cg05423246	ZNF138;ZNF138;ZNF138;ZNF138	0.08195935	0.173345	0.845035	-1.18593	0.2760598	0.874934	-1.14373	0.140902	0.823758	-1.20835	0.429737	0.9175444	-1.08987	0.1159757	0.815005	-1.22609	0.0684812	0.783706	-1.27599	0.477327	0.9127283	-1.09518	0.0945409	1.13131	1.13131	0.0236501	0.734081	-1.36306	2.78576	0.6430028	0.2010231	1
cg06410846	RRAD;RRAD	0.08196065	0.327113	0.472434	1.47234	0.200652	1.676579	1.676579	0.0455195	1.20069	1.20069	0.612284	1.215985	1.215985	0.2518571	0.8297475	-1.20544	0.126394	1.88198	1.88198	0.4913244	1.35221	1.35221	0.0200401	2.92431	2.92431	0.0870822	2.05958	2.05958	2.78575	6.45418	2.05967	1
cg10930156	TBX2	0.08196077	0.0849449	1.45058	1.45058	0.153142	1.34811	1.34811	0.333637	1.21497	1.21497	0.0734212	1.47663	1.47663	0.624428	1.10114	1.10114	0.965689	1.00843	1.00843	0.0940607	0.698052	-1.43256	0.00969614	1.89451	1.89451	0.4716613	1.15371	1.15371	2.78574	1.68216	0.536751	1
cg06601475	GPC5	0.08196111	0.9323185	0.982515	-1.01781	0.1979152	0.9307041	-1.08408	0.7229168	1.0747	1.0747	0.0122725	0.9238992	1.0747	0.9733994	1.0747	1.0747	0.2063	0.758599	-1.31822	0.7919761	1.0598	1.0598	0.0615509	0.4403124	-1.12784	0.7874	1.08581	0.565817	0.8866451	-1.12784	2.7874	1.895137	0.6047231	1
cg04030401	HSF4;FBXL8;HSF4	0.08196135	0.0692036	0.477741	-2.09318	0.0475791	2.27801	2.27801	0.884267	1.05435	1.05435	0.219769	1.598166	1.598166	0.0831503	0.7936472	-1.25974	0.522654	1.26543	1.26543	0.131962	1.80538	1.80538	0.0947811	0.513167	-1.94868	0.7024494	1.14963	1.14963	2.7857	5.82472	1.85861	1
cg13616124	SIX1;SIX1	0.08196454	0.8479386	1.02184	1.02184	0.5103523	0.947432	1.047432	0.3126499	1.0747	1.0747	0.0130377	0.9159192	1.0747	0.7113064	1.0747	1.0747	0.415593	1.1314	1.1314	0.1110739	1.105536	1.105536	0.0132964	1.4405	1.4405	0.2867	1.09658	1.09658	2.78567	1.5027	0.5398127	1
cg15493051	EPS8	0.08196641	0.745183	0.949754	-1.0529	0.8698	0.9744	-1.02627	0.8158852	0.963793	-1.03757	0.997326	0.99947	-1.00053	0.770735	0.954857	-1.04728	0.00905297	1.68949	1.68949	0.017452	0.632892	-1.58005	0.429722	0.880355	-1.13591	0.282226	0.838069	-1.19322	2.7857	1.1026	0.351829	1
cg22571654	MED12L	0.08196655	0.13183	0.364308	-2.74493	0.377186	0.569761	-1.75152	0.6085315	1.3781	1.3781	0.355967	0.5546542	-1.80296	0.0481871	0.246166	-4.06229	0.117121	0.3476	-2.87687	0.00784858	0.0120293	-8.31307	0.0430693	0.235739	-4.24198	0.109462	0.1384449	-2.95465	2.78568	17.0027	5.42544	1
cg02761476	HDGF2;HDGF2	0.08196662	0.1031661	0.70584	-1.41784	0.413211	0.134372	-2.80147	0.0133473	0.3064	-3.26242	0.0176499	0.1264	-3.29904	0.0047828	0.1263	-3.29904	0.115093	1.33147	1.33147	0.1313211	0.1228321	0.793125	-1.26099	0.1482551	-1.58165	0.146434	1.26556	1.265556	0.1273879	1.24574	2.78567	0.3241353	1
cg14128819	ATP5A1;ATP5A1;ATP5A1	0.08196915	0.1374891	1.32545	1.32545	0.0033833	0.017669	2.017669	0.124513	1.34038	1.34038	0.337259	0.8400575	-1.19037	0.4358316	1.15032	1.15032	0.884029	0.974618	-1.02604	0.828636	0.9625337	-1.03892	0.9647051	1.00782	1.00782	0.1827222	2.28282	2.28282	2.78562	1.36885	0.4368	1
cg27260738	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.08197002	0.0088473	0.619191	-2.01636	0.3477516	1.278377	1.278377	0.7348883	1.24642	1.24642	0.855324	1.8220932	-1.21816	0.5197885	0.4492808	-2.07534	2.754646	?	?	?	1.24245	1.24245	0.8960512	1.31067	1.31067	0.6678674	1.59605	1.59605	2.78534	51.5481	17.5463	1
cg10405329	COPS2;COPS2	0.08197007	0.173533	0.494511	-2.0222	0.00363067	0.147501	-6.77962	0.373619	0.64137	-1.55916	0.830631	1.10978	1.10978	0.192326	0.6079579	-1.64479	0.145634	0.467763	-2.13784	0.128649	0.440945	-2.22248	0.0370798	0.304639	-3.28257	0.7171216	0.83788	-1.19349	2.7856	10.4335	3.32935	1
cg21633128	CYP2U1	0.08197109	0.8872113	0.956816	-1.04513	0.258073	0.693214	-1.44256	0.6648037	0.52461	-1.90618	0.472366	0.7966227	-1.25529	0.0049832	0.314892	-3.17569	0.583712	0.841081	-1.18895	0.0896185	0.5587238	-1.78978	0.559843	0.832434	-1.2013	0.186424	1.54603	1.54603	2.7856	4.26863	1.36213	1
cg19235955	ZNF561;ZNF561	0.08197115	0.0049233	0.363804	-2.74935	0.1537331	1.59245	1.59245	0.0135445	1.21858	1.21858	0.262183	1.80948	1.80948	0.2132	0.4964832	-2.01478	0.811183	1.0671	1.0671	0.3504424	1.4883	1.4883	0.0559337	1.80073	1.80073	0.29699	1.341	1.341	0.82391	1.06234	1.06234	2.78559	1.42483	1.03671	1
cg10801102	DUSL1	0.08197121	0.729899	0.828802	-1.20656	0.2241656	0.2904	4.2904	0.729697	0.828681	-1.20674	0.238667	1.99152	1.99152	0.187244	0.4689944	-2.13245	0.0571876	3.20817	3.20817	0.730884	0.834116	-1.19887	0.020407	0.45441	-2.19966	0.0045	4.5451	0.451164	1.51577	1.51577	2.78558	12.9492	4.13213	1
cg08848172	SIAH2	0.08197377	0.1538808	0.6497	-1.53918	0.0750183	0.856197	-1.16732	0.807431	0.9003777	1.071932	1.071932	1.37418	1.374418	0.3845377	1.01887	1.01887	0.1760688	1.23	1.23	0.1717287	0.7087175	-1.41088	0.2139	0.4155053	1.3164	1.3164	0.1110536	0.8329564	1.4405	1.4405	2.7857	0.9658458	0.3027827	1
cg20984904	PTPRN2;PTPRN2;PTPRN2	0.08197471	0.213105	0.801413	-1.2478	0.418727	1.14971	1.14971	0.573891	1.10068	1.10068	0.132378	0.7602	-1.31544	0.0543252	0.53922	-1.85453	0.176033	1.27493	1.27493	0.471695	1.13157	1.13157	0.880943	0.9750313	-1.02563	0.4047666	0.8655951	-1.1548	2.78555	1.2576	0.4013088	1
cg01331191	CBLL1;CBLL1	0.08197773	0.0679779	1.30028	1.30028	0.395508	1.11827	1.11827	0.505021	0.9168891	-1.09164	0.139159	1.26588	1.26588	0.111462	0.8003154	-1.24945	0.387708	0.8925	-1.12045	0.15271	0.8221399	-1.21744	0.0339257	0.72755	-1.37448	0.183995	0.834399	-1.19847	2.78551	0.7279969	0.2323003	1
cg19807706	CSMD2	0.08198031	0.1403813	0.708164	-1.41208	0.0750183	0.856197	-1.16732	0.807431	0.9003777	1.071932	1.071932	1.37418	1.374418	0.3845377	1.01887	1.01887	0.1760688	1.23	1.23	0.1717287	0.7087175	-1.41088	0.2139	0.4155053	1.3164	1.3164	0.1110536	0.8329564	1.4405	1.4405	2.7857	0.9658458	0.3027827	1
cg27554556	HLTF;HLTF	0.08198444	0.435164	0.713879	-1.4008	0.61795	1.2372	1.2372	0.646805	1.21567	1.21567	0.430513	1.4058	1.4058	0.00682967	0.226896	4.4073	0.724308	0.860791	-1.16172	0.179671	0.547029	-1.82806	0.0651171	2.40277	2.40277	0.376543	1.46833	1.46833	2.78541	7.90475	2.52259	1
cg26476595	F4F1	0.08198705	0.3180054	0.791326	-1.2637	0.4253	1.33837	1.33837	0.84535	1.04531	1.04531	0.157614	1.709847	1.709847	0.0203255	0.7864404	-1.27154	0.240934	1.09336	1.09336	0.3062814	1.76644	1.76644	0.0178564	1.0169	1.0169	0.4784553	1.59827	1.59827	2.7854	6.8805	2.47214	1
cg04373993	PRRN2;PRRN2;PRRN2	0.08198867	0.537214	0.816621	-1.22456	0.799307	1.08611	1.08611	0.800776	0.921287	-1.08544	0.703519	0.8834008	-1.13198	0.0101314	0.3493442	-2.86253	0.7703	1.09958	1.09958	0.0446140	0.473478	-2.11203	0.0138898	0.373295	-2.67885	0.235424	0.668188	1.49658	2.78538	4.63767	1.48	1
cg09787021	MAN1C1	0.08198876	0.477187	0.844642	-1.18393	0.00392186	0.403798	-2.47649	0.532581	0.86272	-1.15932	0.489755	1.1781	1.1781	0.211467	1.36005	1.36005	0.590922	0.880947	-1.13514	0.145448	1.44077	1.44077	0.936943	0.981686	-1.01866	0.1835508	0.812342	-1.23101	2.78536	2.40744	0.768281	1
cg19899505	LGALS3	0.08198877	0.3180054	0.791326	-1.2637	0.4253	1.33837	1.33837	0.84535	1.04531	1.04531	0.157614	1.709847	1.709847	0.0203255	0.7864404	-1.27154	0.240934	1.09336	1.09336	0.3062814	1.76644	1.76644	0.0178564	1.0169	1.0169	0.4784553	1.59827	1.59827	2.7854	6.8805	2.47214	1
cg04033993	PTPRB;PTPRB	0.08198867	0.537214	0.816621	-1.22456	0.799307	1.08611	1.08611	0.800776	0.921287	-1.08544	0.703519	0.8834008	-1.13198	0.0101314	0.3493442	-2.86253	0.7703	1.09958	1.09958	0.0446140	0.473478	-2.11203	0.0138898	0.373295	-2.67885	0.235424	0.668188	1.49658	2.78538	4.63767	1.48	1
cg09787021	MAN1C1	0.08198876	0.477187	0.844642	-1.18393	0.00392186	0.403798	-2.47649	0.532581	0.86272	-1.15932	0.489755	1.1781	1.1781	0.211467	1.36005	1.36005	0.590922	0.880947	-1.13514	0.145448	1.44077	1.44077	0.936943	0.981686	-1.01866	0.1835508	0.812342	-1.23101	2.78536	2.40744	0.768281	1
cg19899505	LGALS3	0.08198877	0.3180054	0.791326	-1.2637	0.4253	1.33837	1.33837	0.84535	1.04531	1.04531	0.157614	1.709847	1.709847	0.0203255	0.7864404	-1.27154	0.240934	1.09336	1.09336	0.3062814	1.76644	1.76644	0.0178564	1.0169	1.0169	0.4784553	1.59827	1.59827	2.7854	6.8805	2.47214	1
cg09530882	ITPKB	0.08198906	0.667127	0.9461	-1.05697	0.261411	0.860731	-1.1618	0.54148	1.08236	1.08236	0.0205832	1.42927	1.42927	0.399761	0.895493	1.1167	0.042796	1.34798	1.34798	0.764327	0.962231	-1.03925	0.14834	1.21962	1.21962	0.0432874	1.34671	1.34671	2.78532	0.7233336	0.230841	1
cg19341997	IGJ	0.08198962	0.4318574	0.686862	-1.45566	0.1442	1.34062	1.34062	0.361679	1.08448	1.08448	0.215579	1.3216	1.3216	0.0174785	0.5252183	-1.90405	0.0950227	1.1226	1.1226	0.1212795	1.3062	1.3062	0.0124863	1.29911	1.29911	0.0094958	1.84189	1.84189	2.78531	3.2005	1.1858	1
cg12259376	MCCD1	0.08199081	0.0201054	0.492431	-2.03074	0.181269	1.43126	1.43126	0.51123	1.18333	1.18333	0.563121	1.15915	1.15915	0.0867584	0.620088	-1.61267	0.856664	0.955289	-1.0468	0.24108	0.73342	-1.36348	0.0525091	0.5729318	-1.74539	0.0811519	0.6135555	-1.62985	2.78522	2.81543	0.89853	1
cg19899505	LGALS3	0.08198877	0.3180054	0.791326	-1.2637	0.4253	1.33837	1.33837	0.84535	1.04531	1.04531	0.157614	1.709847	1.709847	0.0203255	0.7864404	-1.27154	0.240934	1.09336	1.09336	0.3062814	1.76644	1.76644	0.0178564	1.0169	1.0169	0.4784553	1.59827	1.59827	2.7854	6.8805	2.47214	1
cg09158245	SMPD3;SMPD3L3B	0.08200032	0.462379	0.796236	-1.25752	0.319706	0.924208	-1.08201	0.6141421	0.9317365	-1.07336	0.6645485	0.2342504	-4.26888	0.0759815	0.4426424	-2.25915	0.450148	0.79233	-1.26193	0.4415952	1.89496	1.89496	0.0307518	0.7861	-1.27239	0.0178619	0.736338	2.63265	2.78519	1.84888	0.5001	1
cg07165610	XRP1	0.08200228	0.583716	1.19834	1.19834	0.967549	0.10139	0.10139	0.143409	0.3702821	-2.75352	0.813522	1.03627	1.03627	0.0613403	0.4507292	2.21832	0.640372	1.16631	1.16631	0.0313546	2.28344	2.28344	0.0413229	2.1587	2.1587	0.887808	0.954893	2.78517	4.19572	1.53051	1
cg26260802	CCDC85C	0.08200239	0.0149693	0.465813	-2.14678	0.240873	1.36828	1.36828	0.317816	1.30173	1.30173	0.777297	1.0751	1.0751	0.0162303	0.4718668	2.11924	0.42302	0.811406	-1.23243	0.596183	0.8723421	-1.14634	0.480756	1.20086	1.20086	0.3768344	0.793269	-1.26061	2.78515	2.8768	0.91814	1
cg05203561	RELB;SPIB16	0.08200303	0.57915	0.882993	-1.13298	0.5137331	1.59245	1.59245	0.0135445	1.21858	1.21858	0.262183	1.80948	1.80948	0.2132	0.4964832	-2.01478	0.811183	1.0671	1.0671	0.3504424	1.4883	1.4883	0.0559337	1.80073	1.80073	0.29699	1.341	1.341	0.82391	1.06234	1.06234	2.78513	1.42483	1.03671	1
cg10801102	DUSL1	0.08197121	0.729899	0.828802	-1.20656	0.2241656	0.2904	4.2904	0.729697	0.828681	-1.20674	0.238667	1.99152	1.99152	0.187244	0.4689944	-2.13245	0.0571876	3.20817	3.20817	0.730884	0.834116	-1.19887	0.020407	0.45441	-2.19966	0.0045	4.5451	0.451164	1.51577	1.51577	2.78558	12.9492	4.13213	1
cg08848172	SIAH2	0.08198444	0.1538808	0.6497	-1.53918	0.0750183	0.856197	-1.16732	0.807431	0.9003777	1.071932	1.071932	1.37418	1.374418	0.3845377	1.01887	1.01887	0.1760688	1.23	1.23	0.1717287	0.7087175	-1.41088	0.2139	0.4155053	1.3164	1.3164	0.1110536	0.8329564	1.4405	1.4405	2.7857	0.9658458	0.3027827	1
cg20984904	PTPRN2;PTPRN2;PTPRN2	0.08198741	0.213105	0.801413	-1.2478	0.418727	1.14971	1.14971	0.573891	1.10068	1.10068	0.132378	0.7602	-1.31544	0.0543252	0.53922	-1.85453	0.176033	1.27493	1.27493	0.471695	1.13157	1.13157	0.880943	0.9750313	-1.02563	0.4047666	0.8655951	-1.1548	2.78555	1.2576	0.4013088	1
cg01331191	CBLL1;CBLL1	0.08197773	0.0679779	1.30028	1.30028	0.395508	1.11827	1.11827	0.505021	0.9168891	-1.09164	0.139159	1.26588	1.26588	0.111462	0.8003154	-1.24945	0.387708	0.8925	-1.12045	0.15271	0.8221399	-1.21744	0.0339257	0.72755	-1.37448	0.183995	0.834399	-1.19847	2.78551	0.7279969	0.2323003	1
cg19807706	CSMD2	0.08198031	0.1403813	0.708164	-1.41208	0.0750183	0.856197	-1.16732	0.807431	0.9003777	1.071932	1.071932	1.37418	1.374418	0.3845377	1.01887	1.01887	0.1760688	1.23	1.23	0.1717287	0.7087175	-1.41088	0.2139	0.4155053	1.3164	1.3164	0.1110536	0.8329564	1.4405	1.4405	2.7857	0.9658458	0.3027827	1
cg27554556	HLTF;HLTF	0.08198444	0.435164	0.713879	-1.4008	0.61795	1.2372	1.2372	0.646805	1.21567	1.21567	0.430513	1.4058	1.4058	0.00682967	0.226896	4.4073	0.724308	0.860791	-1.16172	0.179671	0.547029	-1.82806	0.0651171	2.40277	2.40277	0.376543	1.46833	1.46833	2.78541	7.90475	2.52259	1
cg26476595	F4F1	0.08198705	0.3180054	0.791326	-1.2637	0.4253	1.33837	1.33837	0.84535	1.04531	1.04531	0.157614	1.709847	1.709847	0.0203255	0.7864404	-1.27154	0.240934	1.09336	1.09336	0.3062814	1.76644	1.76644	0.0178564	1.0169	1.0169	0.4784553	1.59827	1.59827	2.7854	6.8805	2.47214	1
cg04373993	PRRN2;PTPRN2;PTPRN2	0.08198867	0.537214	0.816621	-1.22456	0.799307	1.08611	1.08611	0.800776	0.921287	-1.08544	0.703519	0.8834008	-1.13198	0.0101314	0.3493442	-2.86253	0.7703	1.09958	1.09958	0.0446140	0.473478	-2.11203	0.0138898	0.373295	-2.67885	0.235424	0.668188	1.49658	2.78538	4.63767	1.48	1
cg09787021	MAN1C1	0.08198876	0.477187	0.844642	-1.18393	0.00392186	0.403798	-2.47649	0.532581	0.86272	-1.15932	0.489755	1.1781	1.1781	0.211467	1.36005	1.36005	0.590922	0.880947	-1.13514	0.145448	1.44077	1.44077	0.936943	0.981686	-1.01866	0.1835508	0.812342	-1.23101	2.78536	2.40744	0.768281	1
cg19899505	LGALS3	0.08198877	0.3180054	0.791326	-1.2637	0.4253	1.33837	1.33837	0.84535	1.04531	1.04531	0.157614	1.709847	1.709847	0.0203255	0.7864404	-1.27154	0.240934	1.09336	1.09336	0.3062814	1.76644	1.76644	0.0178564	1.0169	1.0169	0.4784553

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg20650861	LOC400657	0.08213128	0.483112	1.18334	0.1913425	1.02602	0.02602	1.02602	0.00345181	2.55906	0.755906	0.737462	0.5923614	-1.0827	0.965031	1.01041	1.01041	0.196654	1.18092	0.63797	-1.56747	0.516326	1.16816	1.16816	0.605593	1.13092	1.13092	2.45907	0.785333	1
cg07130366	C17orf75	0.08213342	0.8869	0.965641	-1.03558	0.0170864	2.04261	2.04261	0.681987	0.909735	-1.10652	0.283844	1.31461	1.31461	0.74957	0.924336	0.08186	0.814624	1.0594	1.0594	0.590617	0.875098	-1.14273	0.00564846	2.44059	2.44059	0.978038	1.00679	2.78331	1
ch.1.4559995F	TPS3BP2;TPS3BP2	0.08213366	0.0185058	0.204057	-4.90059	7	7	7	0.0293648	0.239834	-4.16955	0.100959	0.368073	-2.71685	0.0289554	0.238666	-4.18995	0.21262	0.481715	-2.07592	0.13711	0.4102158	-2.43749	0.998868	1.00079	1.00079	0.786286	0.959663	-1.16325	2.8172	12.2782	4.35828	1
cg22649181	CDL23A1	0.08213732	0.0506623	0.268186	-3.73081	0.985837	0.98956	-1.01055	0.588287	0.732872	-1.38146	0.184612	0.4935185	-2.29787	0.0197757	0.230863	-4.33123	0.243867	0.486208	-2.05615	0.0051096	0.1121194	-8.93116	0.187735	0.438057	-2.28281	0.1459	0.397301	-2.51688	2.78326	15.4096	4.92137	1
cg02237755	SCD	0.08213385	0.236014	0.47152	-2.1208	0.2232309	0.1935	-5.16796	0.172486	0.6145217	-2.40867	0.861607	1.11142	1.11142	0.726227	0.808296	-1.23717	0.0063314B5	0.116134	0.611224	0.559208	0.699387	-1.42982	0.384472	0.582834	-1.71575	0.283223	0.19407	1.96407	0.754707	2.78353	1
cg22646128	DTNA;DTNA;DTNA;DTNA;DTNA;DTNA	0.08213396	0.139277	1.16975	1.16975	0.160972	1.15898	1.15898	0.598503	1.05375	1.05375	0.107991	1.84302	1.18863	0.146907	1.16579	1.16579	0.46149	0.928793	-1.07667	0.624096	0.952497	-1.04987	0.0213707	0.763472	-1.31325	0.163251	1.15793	1.15793	0.78223	0.427987	0.136688	1
cg08002883	FGF12;FGF12	0.08213398	0.0391543	133.482	133.482	0.0809542	51.4222	51.4222	0.185021	17.1501	17.1501	0.529046	3.59739	3.59739	0.873176	0.726076	-1.37727	0.457339	0.214278	-4.66683	0.510378	0.2616575	-3.82154	0.019349	344.218	344.218	0.0315363	177.938	177.938	2.97762	185.318	48.4065	1
cg01815035	XPR1;XPR1	0.08213405	0.101836	1.17861	1.78089	0.0491583	2.16098	2.16098	0.0850663	1.85623	0.278154	1.43823	1.43823	0.270467	0.0910228	-1.09987	0.740283	1.11316	1.11316	0.5317756	0.815773	-1.22581	0.404011	1.31676	1.31676	0.020667	0.490571	-2.4596	2.78322	4.57775	1.46282	1
cg12990591	TNIP2;TNIP2	0.08214118	0.581638	1.08501	1.08501	0.163062	0.8038897	-1.24394	0.332096	1.15801	1.15801	0.00677433	1.67285	1.16196	0.178128	1.12187	1.12187	0.0312905	1.44834	1.44834	0.1508	1.14099	1.14099	0.47775	1.11163	1.11163	0.203466	1.2175	1.2175	2.7832	0.947489	0.302606	1
cg15898604	MGC16142	0.08214138	0.979985	0.996976	-1.00303	0.0813103	0.79195	-1.26271	0.0323575	0.739	-1.35338	0.887208	1.01728	1.01728	0.836375	1.02528	1.02528	0.0344009	0.742557	-1.3467	0.0369339	1.33979	1.33979	0.720563	0.957668	-1.04431	0.461714	0.913522	-1.09466	2.78317	0.642305	0.205139	1
cg16897800	MIR.7BMTLESS	0.08214442	0.768707	0.893237	1.11976	0.2204226	1.02116	1.02116	0.773352	1.07331	1.07331	0.40968	1.23937	1.23937	0.0232023	1.51006	1.51006	0.0670231	1.65332	1.65332	0.353804	1.09803	1.09803	0.945624	0.972712	-1.03174	0.935607	0.808101	-1.23747	2.78316	2.64388	0.844404	1
cg12228659	AP1AR;AP1AR	0.08214483	0.119462	0.55941	-1.7876	0.548903	1.23185	1.23185	0.261607	1.49052	1.49052	0.415027	0.750935	-1.33167	0.028362	0.410777	-2.43441	0.0116676	0.551224	-1.81414	0.0142811	0.3538864	-2.82594	0.963941	1.01566	1.01566	0.631183	1.18092	1.18092	2.78316	5.21003	1.66398	1
cg01438090	MYO2;MYO2	0.08214545	0.043201	0.345776	-2.72052	0.133375	0.4996055	-2.00159	0.395562	1.45297	1.45297	0.466556	0.72726	-1.37497	0.0344852	0.343807	-2.90861	0.0119506	0.494231	1.44044	0.0582193	0.258854	-4.27617	0.844872	0.910255	-1.08784	0.275484	0.614111	-1.62837	2.78315	8.14178	2.60034	1
cg01201658	SH3KBP1;SH3KBP1	0.08214555	0.0764076	0.506596	-1.97435	0.592824	0.83005	-1.20475	0.531135	0.945888	-2.89111	0.191317	0.620385	-1.61719	0.0139673	0.3007	-3.32546	0.0470383	0.456406	-2.19103	0.935491	0.972452	-1.02833	0.955849	1.01929	1.01929	0.732208	0.888223	-1.12584	2.78315	5.24911	1.67647	1
cg20466166	CCDC28B	0.08214594	0.600327	1.20689	1.20689	0.415562	1.34447	1.34447	0.10733	0.53516	-1.8686	0.929326	0.968938	-1.03206	0.402678	1.35613	1.35613	0.0110104	0.321581	-3.10964	0.0343495	0.240611	0.960074	1.01797	1.01797	0.718438	0.87916	-1.13745	2.78309	0.57695	1.78122	1
cg08713437	ITFG1	0.08214652	0.336063	0.777385	-1.28636	0.27704	1.31538	1.31538	0.0812208	0.713984	-1.40059	0.0220207	0.497932	-2.00815	0.0115522	0.448325	-2.23022	0.872864	0.960153	-1.0415	0.578255	1.15324	1.15324	0.791881	1.06944	1.06944	0.106935	0.639671	-1.5628	2.78303	2.84079	0.907339	1
cg22714290	LOC148696	0.08215153	0.997499	1.00215	1.00215	0.0477635	4.73033	4.73033	0.309191	2.05966	2.05966	0.886372	0.9065	-1.10314	0.782921	0.827729	-1.20878	0.660779	1.35416	1.35416	0.0207341	0.147819	-6.76504	0.0257171	6.16431	6.16431	0.59985	0.695285	-1.43826	2.78301	20.7757	6.63573	1
cg19333320	ZNF107;ZNF107	0.08215155	0.355393	0.79226	-1.26193	0.0201695	0.380362	-2.62907	0.146816	0.6885	-1.45243	0.178621	0.304992	-1.41846	0.221169	0.753262	-1.36606	0.828546	1.05336	1.05336	0.64163	0.893731	-1.1189	0.42053	1.21804	1.21804	0.117544	0.665342	-1.50299	2.78301	2.53236	0.808833	1
cg20642856	BIK	0.08215588	0.0228182	0.652591	-1.53235	0.4123291	0.883593	-1.1338	0.543269	0.625585	0.363848	0.86396	-1.15746	0.108259	0.759903	-1.31596	0.027535	0.664699	-1.50444	0.324984	0.3078247	0.870437	-1.14885	0.116349	1.30655	1.30655	0.726296	0.768229	-1.30179	2.78298	1.58229	0.345688	1
cg22032521	HYLS1;HYLS1;HYLS1	0.08216068	0.0390458	12.3883	12.3883	0.0942604	6.94657	6.94657	0.0535719	10.0722	10.0722	0.133978	5.48955	5.48955	0.899183	0.874985	-1.14288	0.302787	3.07924	3.07924	0.101349	6.61993	6.61993	0.0126623	26.1855	26.1855	0.0469636	10.9782	10.9782	2.78293	48.9296	15.6285	1
cg12424762	UPF1A;UPF1A	0.08216222	0.1703868	1.03012	1.03012	-1.24681	0.6004262	1.12174	1.12174	0.457893	1.13649	1.13649	0.463466	0.8993565	1.22795	0.8443	1.18405	0.7709747	0.958523	-1.04327	0.0026117	1.87751	1.87751	0.0178008	0.9240808	-1.08248	0.45125	1.12297	1.12297	1.12297	1.06634	0.321433	1
cg06390613	TMEM198	0.08216324	0.0819784	0.495313	-2.02629	0.613358	0.855047	-1.16953	7	7	7	7	7	7	0.0108272	0.207449	-4.81931	0.0324501	0.351002	-2.84899	0.487859	0.803745	-1.24417	0.374023	0.749302	-1.33457	0.290773	0.701626	-1.42526	6.12978	5.48188	0.383273	1
cg05538632	TRIM26	0.08216328	0.474278	1.1623	1.11623	0.1370042	1.54423	1.54423	0.511682	1.1058	1.1058	0.9908862	0.998271	-1.00173	0.331417	0.8594855	-1.16349	0.819506	1.04505	1.04505	0.694231	1.46764	1.46764	0.0809149	1.52255	1.52255	0.660379	1.06914	1.06914	2.78289	1.03183	0.321424	1
cg25924688	BBS4;HIGD2B	0.08216345	0.126152	2.83318	2.83318	0.0244379	5.40504	5.40504	0.171079	3.09642	-2.50224	0.984677	0.987987	-1.01216	0.0460001	0.237123	4.21722	0.0424316	0.289644	-3.45251	0.0116349	0.187944	-5.32073	0.208023	0.494793	-2.02105	0.148646	0.439943	-2.27302	2.78283	12.3826	3.95524	1
cg05553474	NDUFA9	0.08216485	0.185917	0.881447	-1.13446	0.2720504	0.741349	-1.34889	0.940709	1.04022	1.04022	0.351627	0.601642	-1.66212	0.0163394	0.211061	-4.73796	0.21928	0.491351	-2.03486	0.0557578	0.255165	1.05105	1.05105	0.0232036	2.10037	2.10037	0.203897	1.43713	1.43713	2.78282	3.29005	1.05282	1
cg02567323	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.08216589	0.4164411	1.59033	1.59033	0.354019	0.587035	-1.70347	0.575778	0.729203	-1.37136	0.378449	1.65663	1.65663	0.194958	0.4649558	-2.15073	0.4408631	1.55125	1.55125	0.70847	1.23346	1.23346	0.00354971	9.09129	9.09129	0.211389	2.08652	2.08652	2.78282	13.7532	4.39306	1
cg09095511	CDON	0.08216593	0.866988	0.97096	-1.03704	0.0197701	1.42185	1.42185	0.0155365	1.56256	1.56256	0.288285	0.9917164	-1.00815	0.844711	1.06033	1.06033	0.0548218	0.759798	-1.31614	0.2015915	0.939657	1.01146	1.01146	0.874289	1.07453	1.07453	0.711143	-1.40619	0.807399	0.882173	-1.08076	0.518222	1.10357	1.10357	0.710457	0.904941	0.318668	1
cg26954125	HOMEZ	0.08218171	0.679781	1.932752	-1.0721	0.271912	0.825454	-1.21145	0.00385129	0.520371	-1.9217	0.423056	0.871785	-1.14717	0.210633	0.801523	-1.24762	0.0137674	0.600043	-1.66655	0.592518	0.913373	-1.09484	0.0324307	0.985852	-1.01435	0.468063	0.883524	-1.13183	2.78279	1.23987	0.396045	1
cg13390800	DCHS1	0.08218172	0.96514	0.982756	-1.01755	0.164218	1.80532	1.80532	0.137662	0.529244	-1.88949	0.0154439	3.26322	3.26322	0.114843	0.505374	-1.97873	0.98977	0.99491	-1.00512	0.0712408	0.4484542	-2.22989	0.774634	1.12104	1.12104	0.485798	1.32563	1.32563	2.78278	6.98164	2.23011	1
cg24246123	HCG4P6	0.08218175	0.0725269	0.27606	-3.62319	0.0313151	0.5313	-1.52447	0.151982	0.6597	-1.51582	0.2603	0.5597445	-1.78532	0.0287781	0.2410895	-4.14938	0.0900065	0.301062	-3.32167	0.0278738	0.1972392	-5.06402	0.0883861	0.2798886	-3.57349	0.0227823	0.1838	-1.87749	2.78273	18.1886	5.80998	1
cg17800788	NBPF3	0.08218786	0.0596852	0.579528	-1.72554	0.750987	1.08516	1.08516	0.24201	1.36938	1.36938	0.246701	1.36475	1.36475	0.0731966	0.599005	-1.66944	0.140844	0.468925	-2.13254	0.090679	0.410571	-2.43563	0.964815	1.03241	1.03241	0.008473	0.200475	-4.98816	2.78256	10.0735	3.21799	1
cg04845575	FOXI1	0.08218925	0.1613747	0.62421	-1.60216	0.2586153	0.6032636	-1.65774	0.0436106	0.4155	-2.40633	0.0179373	0.2406455	-4.1555	0.0146303	0.1858811	-5.38211	0.0324709	0.185011	-5.40511	0.0146303	0.1048373	-9.53981	0.0139472	0.1638777	-6.10284	0.0096259	0.0766145	-13.0496	2.78255	24.6621	8.86099	1
cg10135747	BTNL2	0.08218832	0.245625	0.579163	-1.72663	0.159204	0.508308	-1.96731	0.0995715	0.444037	-2.25206	0.681114	0.830403	-1.20423	0.0442946	0.353778	-2.82663	0.00735162	0.211423	-4.72984	0.634565	0.806251	-1.24031	0.0192505	0.279848	-3.57337	0.535096	0.75389	-1.32645	2.78262	2.91489	2.8478	1
cg04117379	HSPG2	0.08218834	0.0570826	0.396152	-2.52428	0.027526	0.325908	-3.06835	0.0123547	0.261906	-3.81817	0.141703	0.506811	-1.97312	0.998131	0.998993	-1.00101	0.0784136	0.431325	-2.31844	0.494985	1.34722	1.34722	0.291953	0.624809	-1.60049	0.245139	0.592977	-1.68641	2.78261	8.15315	2.60447	1
cg02754983	KPNA1;KPNA1 RNUSE;ZCCHC9;ZCCHC9;RNUSD;ZCCHC	0.08218837	0.276231	1.1966	1.1966	0.0870294	1.0061	1.0061	0.9911	1.01721	1.01721	0.753744	0.9501	-1.05032	0.723455	0.95792	-1.04392	0.0346169	1.47757	1.47757	0.0640913	1.3906	1.3906	0.0429423	1.44652	1.44652	0.0195542	0.884883	1.4602	2.78258	1.10671	0.353534	1
cg07673182	9	0.082187	0.331125	1.47541	1.47541	0.417755	0.725291	-1.37876	0.292063	1.52807	1.52807	0.00493149	0.235881	-4.23943	0.42424	0.728668	-1.37237	0.115179	0.514611	-1.94322	0.190594	0.584162	-1.71185	0.236727	0.618263	-1.61744	0.651791	1.19268	1.19268	2.78256	6.62884	2.1179	1
cg23696618	SERPINB10	0.08218875	0.994107	1.00354	1.00354	0.13455	0.462371	-2.16277	0.045922	0.334925	-2.98574	0.047092	0.329436	-3.03647	0.0293829	0.10487	-9.54068	0.140844	0.468925	-2.13254	0.090679	0.410571	-2.43563	0.964815	1.03241	1.03241	0.008473	0.200475	-4.98816	2.78256	10.0735	3.21799	1
cg04885595	SIZ26;SIZ6	0.08218884	0.992373	1.00599	1.00599	0.16815	1.10882	1.10882	0.699506	0.973092	-1.02765	0.18858	1.10293	1.10293	0.0706817	1.15263	1.15263	0.212614	1.09672	1.09672	0.0121735	0.8020734	-1.24574	0.749297	0.977704	-1.0228	0.266204	0.921756	-1.08489	2.78254	0.217963	0.0696288	1
cg24591105	GAUN72	0.08218929	0.1789435	1.07425	1.07425	0.0729726	0.6632	-1.50757	0.0116512	0.3977	-2.51497	0.0153762	0.2455	-4.07355	0.0065777	0.1442273	-6.93317	0.156434	0.639233	-1.56432	0.0053693	0.0373955	-26.7344	0.0116117	0.1838	-5.44028	0.0078252	0.0560206	-17.8482	2.78254	31.1983	10.0005	1
cg04201373	GGNBP1	0.08219343	0.204349	0.617443	-1.61958	0.680214	0.861401	-1.1609	0.00576206	0.271851	-3.67849	0.47116	0.768072	-1.30196	0.0573562	0.461231	-2.16811	0.0230171	0.375796	-2.66102	0.787046	1.10238	1.10238	0.182452	0.600867	-1.66426	0.297826	0.678067	-1.47478	2.78246	5.71058	1.82431	1
cg16739580	PIP5C2	0.08219352	0.0805983	0.472259	-2.11729	0.0432328	0.3901332	-2.56317	0.0180657	0.2586486	-3.86708	0.0218882	0.3428258	-2.91788	0.0127755	0.2154411	-4.64083	0.0777276	0.4121689	0.242555	-4.12107	0.0550997	0.1531	-6.53255	0.0115312	0.0160156	-62.4408153	0.0139886	0.0102766	-97.2733	2.78245	38.1005	12.1634	1
cg24440854	DPYD;DPYD	0.08219353	0.149705	0.83932	-1.19144	0.663067	1.05097	1.05097	0.547464	1.07148	1.07148	0.0217624	1.36662	1.36662	0.936247	1.00911	1.00911	0.062068	1.26902	1.26902	0.0645451	1.29718	1.29718	0.145943	1.19367	1.19367	0.0586783	1.27405	1.27405	2.78245	0.566791	0.181069	1
cg09474681	AMOTL1	0.08219366	0.920592	1.01266	1.01266	0.0794496	1.28635	1.28635	0.122485	1.42185	1.42185	0.0155365	1.56256	1.56256	0.288285	0.9917164	-1.00815	0.844711	1.06033	1.06033	0.0548218	0.759798	-1.31614	0.2015915	0.939657	1.01146	1.01146	0.874289	1.07453	1.07453	0.711143	-1.40619	0.807399	0.882173	-1.08076	0.518222	1.10357	1.10357	0.710457	0.904941	0.318668	1
cg26954125	HOMEZ	0.08218837	0.679781	1.932752	-1.0721	0.271912	0.825454	-1.21145	0.00385129	0.520371	-1.9217	0.423056	0.871785	-1.14717	0.210633	0.801523	-1.24762	0.0137674	0.600043	-1.66655	0.592518	0.913373	-1.09484	0.0324307	0.985852	-1.01435	0.468063	0.883524	-1.13183	2.78279	1.23987	0.396045	1
cg15739717	TMEM22;TMEM22;TMEM22	0.08218984	0.634468	1.23604	1.23604	0.810719	1.112	1.112	0.0815575	2.34896	2.34896	0.0362019	2.91777	2.91777	0.498539	0.7378571	-1.35525	0.0250743	3.25151	3.25151	0.26721	0.59965	-1.66764	0.457864	0.715715	-1.39721	0.144383	0.499707	-2.00117	2.7824	8.6264	2.75586	1
cg01775082	HPCAL4	0.08219045	0.1760264	1.08705	1.08705	0.1873	1.1873	1.1873	0.464183	1.16585	1.16585	0.841989	1.03019	1.03019	0.968871	1.00483	1.00483	0.164432	1.10062	1.10062	0.0554042	1.585223	1.58522	0.0178576	1.128254	1.128254	0.0178576	1.08078	1.08078	2.78237	1.34974	0.3924	0.978271	0.312526	1
cg07968520	PAOH4	0.08219189	0.0693117	0.59278	1.59278	0.137756	0.693418	-1.44213	0.0301452	0.557617	-1.79335	0.186584	1.44074	1.44074	0.348627	0.8017054	-1.24734	0.1371808	0.810542	-1.23374	0.623194	0.892757	-1.12013	0.267436	1.30297	1.30297	0.173311	1.39361	1.39361	2.7824	2.31238	0.738732	1
cg08150128	TNRC6C;TNRC6C	0.08219195	0.861508	1.01752	1.01752	0.2027	0.9143145	-1.09388	0.1152657	0.844295	-1.18453	0.0294452	1.29057	1.29057	0.118526	0.8448722	-1.18361	0.384256	1.1008	1.1008	0.210591	1.44023	1.44023	0.172997	0.865675	-1.15517	0.0484777	0.825358	-1.21156	2.78239	0.640655	0.199307	1
ch.9.1009388R	PSAT1;PSAT1	0.08219195	0.0225237	0.474927	-2.10537	0.00686364	0.1473235	-6.78991	0.0151762	0.444696	-2.24888	0.0124515	0.893874	-1.11873	0.0574498	0.2007	-4.98004	0.0160663	0.183415	-5.45203	0.0044599	0.0194501	-51.4206	0.0046511	0.0178576	0.1838	-5.44028	0.0078252	0.0560206	-17.8482	2.78237	31.1983	10.0005	1
cg05343808	GRB10	0.08220314	0.0822942	0.377646	-2.64798	0.1384422	0.214628	-4.65923	0.0278142	0.268443	-3.72519	0.525302	0.722062	-1.38492	0.003447	0.374791	-2.66816	0.0797227	0.37387	-2.67473	0.0259148	0.2624	-3.81076	0.0272301	0.599438	-1.67662	0.248716	0.543352	-1.84043	2.78236	11.279	3.60334	1
cg06505394	HNRNPUL1;HNRNPUL1	0.08220462	7	7	7	7	7	7	0.0845584	1.56007	1.56007	0.288148	1.1842	1.1842	0.31066	0.8220201	-1.21647	0.0715467	0.2005	-4.98888	7	7	7	7	0.364091	0.9597	0.25141	0.4441	2.2525	2.78227	3.8427	2.6002	0.7	1
cg23193446	NMT2	0.08220562	0.185574	0.790988	-1.26424	0.198171	1.25508	1.25508	0.44272	1.13967	1.13967	0.430661	1.1438	1.1438	0.0179517	0.618558	-1.61666	0.210145	0.802042	-1.24682	0.102538	0.7441993	-1.34272	0.750854	0.948182	-1.05465	0.0991629	1.35249	1.35249	2.78221	1.22949	0.392799	1
cg23266533	PLOD3;PLOD3;ZNHIT1	0.08220655	0.83553	0.973613	-1.0271	0.0610128	1.31205	1.31205	0.0705678	1.2967	1.2967	0.332293	0.87928	-1.13729	0.4115892	0.881	-1.13871	0.0184909	0.2243	-4.45799	0.0155556	0.0792091	-12.6313	0.0758809	0.775605	-1.28972	0.0555	0.0545174	1.32429	1.32429	2.78229	0.703451	0.224389	1
cg11949518	RPTOR;RPTOR	0.08221223	0.286928	0.597653	-1.67321	0.00965492	0.217707	-4.59334	0.0618715	0.375734	-2.66136	0.116767	0.452357	-2.21064	0.600437	0.781906	-1.27893	0.738085	0.855367	-1.16909	0.453998	1.42826	1.42826	0.106923	2.26894	2.26894	0.823443	0.634496	1.57605	2.78221	5.54872	3.05072	1
cg04033580	C22orf45;C22orf45;UPB1	0.08221242	0.198024	0.644184	-1.55235	0.788354	0.9167	-1.09087	0.317993	0.716309	-1.39604	0.168436	1.60705	1.60705	0.00252663	0.257884	-3.87772	0.875542	1.05111	1.05111	0.90178	1.03987	1.03987	0.594831	0.840703	-1.18948	0.746264	0.900373	-1.11065	2.78218	4.60413	1.47099	1
cg06953805	WASL	0.08222151	0.0656272	0.396579	-2.52173	0.0313151	0.5313	-1.52447	0.151982	0.6597	-1.51582	0.2603	0.5597445	-1.78532	0.0287781	0.2410895	-4.14938	0.0900065	0.301062	-3.32167	0.0278738	0.1972392	-5.06402	0.0883861	0.2798886	-3.57349	0.0227823	0.1838	-1.87749	2.78217	18.1886	5.80998	1
cg05771677	MY16	0.08222159	0.104787	0.704164	-1.42012	0.483542	0.115059	-1.15059	0.0174252	0.77306	0.77306	0.954382	0.988746	-1.01138	0.149118	0.736325	-1.3581	0.289287	0.804428	-1.24312	0.693303	1.08158	1.08158	0.470241	0.86473	-1.15643	0.0517964	1.5494	1.5494	2.78216	1.7248	0.551066	1
cg13204875	TSR2	0.08222165	0.93926	1.02616	1.02616	0.1982788	0.8911172	-1.12212	0.3504858	0.8422295	1.36125	1.36125	0.3684345	0.8387255	1.22955	0.8132	1.22955	0.1506699	1.01912	1.01912	0.658373	0.9832844	0.734956	-1.36063	0.9178918	1.02969	1.02969	0.909046	0.9937	1.0238	1.02381	0.9308	0.9308	2.78212	0.0002	0.000072	1
cg24947258	HNRNPF;HNRNPF;HNRNPF	0.08222195	0.115292	0.811957	-1.23159	0.0477625	1.31703	1.31703	0.115828	1.23115	1.23115	0.904777	1.01467	1.01467	0.146808	1.20858	1.20858	0.4266898	1.10378	1.10378	0.0386984	0.7473054	-1.33814	0.49836	1.08722	1.08722	0.183349	1.18738	1.18738	2.78211	0.652188	0.208375	1
cg20797552	PRCKL4	0.08222197	0.531352	1.14782	1.14782	0.935934	0.982671	-1.01763	0.156467	0.719212	-1.39041	0.0516773	0.61781	-1.61857	0.0431052	0.602876	-1.65872	0.0060363	0.658437	-1.28133	0.943545	0.984719	-1.01552	0.450802	0.84614	-1.18184	0.216982	0.753927	-1.32637	2.78211	2.08331	0.665623	1
cg25966817	ERCC8	0.08222199	0.995005	1.00499	1.00499	0.1584	0.9556	-1.04677	0.585853	0.21595	-4.63073	0.0117159	0.59993	-1.66668	0.0078274	0.1715927	-5.82911	0.0939375	1.0061	1.0061	0.0034332	0.2082	0.580111	-1.72401	0.0177	0.0079882	0.226243	-4.42001	2.7821	4.91955	2.0007	1
cg15991072	IL12RB2;IL12RB2	0.08222223	0.0609461	0.368327	-2.71498	0.774125	0.14576	1.14576	0.53933	0.745362	-1.34163	0.581517	1.56337	1.56337	0.0672553	0.37916	-2.63741	0.210145	0.802042	-1.24682

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg24535910	NPY1R	0.0823217	0.128303	0.833499	-1.19976	0.280634	1.13229	1.13229	0.688748	0.956374	-1.04562	0.260852	1.13873	1.13873	0.919745	0.988897	-1.01123
cg10244414	IL17C	0.0823247	0.135999	0.691101	-1.44697	0.576676	0.878357	-1.13849	0.0959794	0.656752	-1.52264	0.0347988	0.567899	-1.76088	0.0645703	1.61199	1.61199
cg25509871	PLD3;PLD3	0.0823256	0.354401	0.476848	-2.0971	0.837037	1.17361	1.17361	0.885885	1.11808	1.11808	0.263695	0.404288	-2.47349	0.448118	0.548318	-1.82376
cg20698769	CTTNBP2	0.0823259	0.946263	1.01163	1.01163	0.855936	1.03166	1.03166	0.0124884	1.70413	1.70413	0.927586	0.98453	-1.01571	0.138671	1.31442	1.31442
cg06863300	ZDHHC14;ZDHHC14	0.0823264	0.70484	0.926484	-1.07935	0.318724	1.2297	1.2297	0.593134	1.11428	1.11428	0.43499	0.852297	-1.1733	0.513392	1.14224	1.14224
cg26764198	ZCCHC14	0.0823297	0.339565	1.61162	1.61162	0.00618716	5.64636	5.64636	0.00808956	5.17752	5.17752	0.696296	1.20947	1.20947	0.295896	1.69133	1.69133
cg06226670	PSMA2	0.0823354	0.366685	0.62467	-1.60084	0.608184	0.76923	-1.3	0.419832	0.65823	-1.51923	0.128278	0.434231	-2.30292	0.0490326	0.319757	-3.12738
cg27183386	LOC144776	0.0823361	0.433636	1.24019	1.24019	0.0938147	1.64285	1.64285	0.0174898	2.17986	2.17986	0.31447	0.755588	-1.32347	0.803567	1.06945	1.06945
cg06692260	DOCK1	0.0823369	0.212035	0.783344	-1.27658	0.246336	0.798361	-1.25257	0.403885	0.853292	-1.17193	0.487972	1.13983	1.13983	0.00407075	0.488581	-2.04675
cg15369054	TBCD	0.0823395	0.376923	0.778933	-1.28381	0.897498	1.03615	1.03615	0.189502	0.681847	-1.4666	0.843356	1.05603	1.05603	0.00359925	0.337528	-2.96272
cg26117570	RBMS1;RBMS1	0.0823406	0.895455	0.964878	-1.0364	0.0490079	0.542694	-1.84266	0.281042	0.737345	-1.35622	0.0156132	0.446539	-2.23944	0.410187	1.25739	1.25739
cg14811608	NPY2R	0.0823411	0.179213	0.627087	-1.59468	0.353873	0.731993	-1.36613	0.912255	1.03671	1.03671	0.387685	0.74857	-1.33588	0.175129	0.623975	-1.60263
cg13184886	ZDHHC18	0.0823425	0.0438762	1.52483	1.52483	0.274757	1.22996	1.22996	0.032336	1.57847	1.57847	0.0252756	1.62337	1.62337	0.433522	0.864532	-1.1567
cg26715571	FLJ26850	0.082343	0.131023	1.18797	1.18797	0.718132	1.03904	1.03904	0.957407	1.00566	1.00566	0.0412731	0.779813	-1.28236	0.00763755	1.43664	1.43664
cg00303548	HS6ST3	0.0823462	0.732032	0.882421	-1.13325	0.587978	1.22026	1.22026	0.414478	0.738178	-1.35469	0.0121421	0.320575	-3.11939	0.576599	1.22787	1.22787
cg05179880	PDCD7	0.0823468	0.572489	1.3419	1.3419	0.0353475	3.53829	3.53829	0.152078	2.206	2.206	0.683965	0.809745	-1.23496	0.0120082	0.198753	-5.03136
cg20683681	GALNT9	0.0823482	0.0471048	0.210441	-4.75193	0.637897	0.722398	-1.38428	0.242978	0.432529	-2.31198	0.99731	1.00232	1.00232	0.026246	0.16391	-6.10091
cg11028091	PKM2;PKM2;PKM2	0.0823509	0.00613848	0.304277	-3.28648	0.775924	0.909408	-1.09962	0.639213	0.854601	-1.17014	0.0292402	0.425367	-2.35091	0.436813	0.768003	-1.30208
cg14058551	KIAA1958	0.0823523	0.693226	0.94323	-1.06019	0.0150496	1.55345	1.55345	0.734394	1.05148	1.05148	0.520525	1.10077	1.10077	0.0182852	1.52532	1.52532
cg07068375	TRIM39;HCG18;HCG18;TRIM39	0.0823535	0.125286	0.735152	-1.36026	0.222973	1.26803	1.26803	0.0796043	1.43447	1.43447	0.650857	0.918983	-1.08816	0.219019	0.786852	-1.27089
cg05627663	SNORA22;CCT6P1	0.0823538	0.178731	0.742335	-1.3471	0.589552	0.892618	-1.1203	0.0587307	0.640623	-1.56098	0.239809	0.77359	-1.29267	0.0722799	0.658123	-1.51947
cg14744898	TMEM171;TMEM171	0.0823543	0.0315519	8.5101	8.5101	0.44416	1.93965	1.93965	0.221486	2.97837	2.97837	0.506414	1.77274	1.77274	0.0275373	9.14718	9.14718
cg05431684	SNX19	0.0823567	0.565809	1.44674	1.44674	0.00956162	0.123967	-8.06668	0.22535	0.444802	-2.24819	0.517878	1.51753	1.51753	0.0216339	0.172982	-5.78094
cg04399147	DAXX;DAXX;DAXX;DAXX	0.082358	0.0135866	0.0882916	-11.3261	0.0432196	0.157489	-6.34964	0.375862	0.485614	-2.05925	0.328162	0.448333	-2.23049	0.22629	0.364282	-2.74513
cg22957651	MSN	0.0823597	0.962273	0.979406	-1.02103	0.270146	0.603429	-1.6572	0.299995	0.62344	-1.604	0.183756	0.537734	-1.85965	0.00495747	0.194622	-5.13818
cg27052183	RBM4	0.0823601	0.390216	0.678138	-1.47463	0.138479	2.02099	2.02099	0.00872826	4.36674	4.36674	0.19803	1.82242	1.82242	0.6984	0.842173	-1.1874
cg18863486	IGF2BP2;IGF2BP2	0.0823604	0.0339173	0.28087	-3.56036	0.0284209	0.265423	-3.76757	0.220509	0.516567	-1.93586	0.627561	0.778242	-1.28495	0.0264457	0.259359	-3.85566
cg20380214	LOC144571	0.0823623	0.743452	1.25245	1.25245	0.147374	2.90263	2.90263	0.819709	0.855152	-1.16938	0.159377	2.80312	2.80312	0.290343	0.471347	-2.12158
cg26145228	NTNG1;NTNG1;NTNG1	0.0823626	0.0607534	0.711365	-1.40575	0.542553	0.905469	-1.1044	0.0335946	0.670401	-1.49165	0.227259	0.815293	-1.22655	0.0577901	0.707812	-1.4128
cg09262882	PDCD2L	0.0823659	0.149039	0.471194	-2.12227	0.760599	1.16022	1.16022	0.446162	0.685488	-1.45881	0.837667	0.905055	-1.10491	0.0137234	0.227223	-4.40097
cg19727641	MRAS;MRAS;MRAS	0.0823685	0.375272	0.85697	-1.1669	0.298555	1.20053	1.20053	0.0377836	1.50475	1.50475	0.195802	1.26117	1.26117	0.0129813	0.592779	-1.68697
cg18030372	NAT8L	0.0823694	0.778113	0.911036	-1.09765	0.719511	0.887863	-1.1263	0.190275	1.58011	1.58011	0.184501	1.59081	1.59081	0.00746606	0.321065	-3.11463
cg01230250	MDK;MDK;MDK;MDK	0.0823733	0.701704	0.936954	-1.06729	0.424405	0.871061	-1.14803	0.00136995	0.45572	-2.19433	0.754317	0.948264	-1.05456	0.422171	0.870456	-1.14882
cg21579472	PIK3R3;PIK3R3	0.0823733	0.156487	0.279296	-3.58042	0.327364	2.34158	2.34158	0.579441	1.60172	1.60172	0.308746	0.412103	-2.42658	0.114104	0.235426	-4.24762
cg07979316	TP53I3;TP53I3	0.0823744	0.00434455	0.0934268	-10.7036	0.0541505	0.256795	-3.89416	0.0468836	0.242893	-4.11704	0.0910447	0.314156	-3.18313	0.536076	0.677223	-1.47662
cg00740889	LARP7;LARP7;LARP7;C4orf21	0.0823744	0.0160095	5.94325	5.94325	0.181576	2.3565	2.3565	0.16456	2.45053	2.45053	0.0361914	4.35937	4.35937	0.26052	2.03266	2.03266
cg25500616	ARHGEF4;ARHGEF4	0.0823748	0.437997	0.863781	-1.1577	0.143752	0.7477	-1.33743	0.942163	1.01352	1.01352	0.643875	1.08999	1.08999	0.0197892	0.593997	-1.68351
cg24887387	ZMAT4;ZMAT4	0.0823757	0.419814	0.766759	-1.30419	0.324358	0.720405	-1.38811	0.0504807	0.487608	-2.05083	0.0823123	0.537867	-1.8592	0.00780239	0.332715	-3.00558
cg09674170	CLDN9	0.0823777	0.371503	1.50238	1.50238	0.169884	1.91279	1.91279	0.0198297	3.48259	3.48259	0.0735792	2.42275	2.42275	0.863996	1.07902	1.07902
cg04963480	CT62	0.0823791	0.170705	2.28741	2.28741	0.0526587	3.48837	3.48837	0.261742	1.94211	1.94211	0.376176	1.67381	1.67381	0.155014	2.37068	2.37068
cg26066277	DYSFIP1	0.0823797	0.884636	1.03581	1.03581	0.121989	1.50115	1.50115	0.175331	0.705193	-1.41805	0.517003	0.852812	-1.17259	0.00311455	0.37534	-2.66425
cg01078772	KIF3B	0.0823848	0.0123213	0.185692	-5.38527	0.552112	0.722555	-1.38398	0.272823	0.539798	-1.85254	0.0941246	0.36999	-2.70277	0.166677	0.450878	-2.21789
cg19025234	THBS4	0.082385	0.232372	0.682098	-1.46607	0.239204	1.4572	1.4572	0.114496	1.68941	1.68941	0.116192	1.68459	1.68459	0.440274	0.786298	-1.27178
cg21807865	SYF2;SYF2	0.0823862	0.00573294	0.467295	-2.13998	0.745259	0.93381	-1.07088	0.596791	1.11868	1.11868	0.101976	0.686591	-1.45647	0.623405	0.901257	-1.10956
cg01612408	MACROD1	0.0823863	0.104201	0.740322	-1.35076	0.949986	1.01067	1.01067	0.832029	0.964687	-1.03661	0.00811156	0.563409	-1.77491	0.316154	1.19174	1.19174
cg15394255	MGAT4C	0.0823887	0.862022	0.951833	-1.0506	0.911768	0.969034	-1.03196	0.0458549	1.9146	1.9146	0.0270662	2.10156	2.10156	0.634307	1.14567	1.14567
cg19223579	NRAP;NRAP	0.0823893	0.0265756	0.378023	-2.64534	0.36867	1.40735	1.40735	0.99418	1.0027	1.0027	0.0362515	0.406123	-2.46231	0.0174888	0.342862	-2.91663
cg22690096	HERC4;HERC4	0.0823931	0.0865976	0.610082	-1.63912	0.0459194	0.550296	-1.8172	0.0949195	0.619334	-1.61464	0.493574	0.834008	-1.19903	0.00704848	0.402813	-2.48254
cg00285363	TAPBP;TAPBP;TAPBP	0.0823944	0.734233	1.07713	1.07713	0.0946921	1.49257	1.49257	0.980613	1.00531	1.00531	0.076761	0.651032	-1.53602	0.0600371	0.629658	-1.58816
cg20548765	DPF3	0.0823957	0.54263	0.914312	-1.09372	0.157654	1.2456	1.2456	0.131998	1.26657	1.26657	0.963823	1.00661	1.00661	0.0440273	0.714361	-1.39985
cg04652903	WDR27	0.082397	0.0951234	0.60375	-1.65632	0.0476619	0.536241	-1.86483	0.0362571	0.511744	-1.9541	0.240984	0.713375	-1.40179	0.150533	0.654426	-1.52806
cg05892146	OR1E2	0.0823974	0.0323513	0.136983	-7.3002	0.142019	0.285818	-3.49873	0.242786	0.379177	-2.63729	0.275024	0.406173	-2.46201	0.262118	0.395476	-2.5286
cg25223664	KCNQ1;KCNQ1	0.0824003	0.0937822	0.656269	-1.52377	0.800752	0.94384	-1.0595	0.0733685	0.633606	-1.57827	0.0364981	0.573765	-1.74287	0.84144	1.04684	1.04684
cg02910873	AKR7A3	0.0824026	0.0607821	0.492305	-2.03126	0.0328553	0.433079	-2.30905	0.108732	0.55627	-1.79769	0.199218	0.634595	-1.57581	0.0394394	0.449901	-2.22271
cg12833683	VPS13B;VPS13B	0.0824049	0.0321325	0.257242	-3.88738	0.030197	0.251905	-3.96974	0.0240579	0.233244	-4.28735	0.148091	0.432015	-2.31474	0.0502214	0.298927	-3.3453
cg17071855	P2RX1;P2RX1	0.0824051	0.0282351	0.371126	-2.6945	0.0535676	0.432238	-2.31354	0.0684249	0.458159	-2.18265	0.0506037	0.426432	-2.34504	0.0245021	0.358725	-2.78765
cg19025723	ATPIF1;ATPIF1;ATPIF1	0.0824065	0.416721	1.07133	1.07133	0.0539815	1.19911	1.19911	0.0911692	1.16701	1.16701	0.37109	0.926597	-1.07922	0.18036	0.88862	-1.12534
cg13828808	ROR2	0.0824111	0.0301043	0.286883	-3.48575	0.732409	0.845333	-1.18297	0.376529	0.641297	-1.55934	0.375151	0.640431	-1.56145	0.0511967	0.337224	-2.96539
cg26439710	C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf	0.0824141	0.0807849	0.625498	-1.59873	0.424741	0.820758	-1.21839	0.342871	0.789161	-1.26717	0.329575	0.783639	-1.2761	0.716897	0.915543	-1.09225
cg09039845	NCKAP1L	0.0824156	0.840232	1.06382	1.06382	0.0931069	0.567681	-1.76155	0.00926927	0.363497	-2.75105	0.405911	0.770584	-1.29772	0.0627232	0.526313	-1.90001
cg11577716	C20orf26	0.0824165	0.721214	1.24565	1.24565	0.221725	0.455039	-2.19762	0.0595512	0.271544	-3.68264	0.173829	2.42789	2.42789	0.512433	1.50273	1.50273
cg15513620	ZNF697	0.0824175	0.0154817	0.322234	-3.10334	0.342009	1.45254	1.45254	0.925022	1.03654	1.03654	0.139593	0.545433	-1.83341	0.0402644	0.405141	-2.46828
cg01396832	REXO1L1;REXO1L1	0.0824201	0.030341	0.292856	-3.41464	0.181719	0.504663	-1.98152	0.0500225	0.340252	-2.939	0.179217	0.502436	-1.9903	0.0533484	0.346876	-2.88287
cg21083556	ADSSL1	0.0824229	0.0555777	0.406692	-2.45886	0.0329872	0.355528	-2.81272	0.0459671	0.387286	-2.58207	0.777275	0.889039	-1.12481	0.247487	0.605645	-1.65113
cg13509702	SCRIB;SCRIB;MIR937	0.0824253	0.378544	0.724221	-1.38079	0.921347	1.0359	1.0359	0.92223	1.03549	1.03549	0.213404	1.59671	1.59671	0.0194456	0.364594	-2.74277
cg03607728	RWDD2B;RWDD2B	0.0824254	0.405779	0.68009	-1.47039	0.531145	0.7501	-1.33316	0.7395	0.859624	-1.1633	0.62043	0.797488	-1.25394	0.00231278	6.88505	6.88505
cg26197037	MPPED1	0.0824284	0.992766	1.00236	1.00236	0.994648	0.99826	-1.00174	0.0275707	0.508393	-1.96698	0.0767345	0.599831	-1.66714	0.0232268	0.494398	-2.02266
cg19352682	LOC91316	0.0824289	0.0815395	0.783227	-1.27677	0.434947	0.904097	-1.10608	0.00340745	0.604279	-1.65487	0.41581	0.900091	-1.111	0.945607	1.00867	1.00867
cg07641535	14-Sep	0.0824329	0.372774	0.805981	-1.24072	0.605811	0.884516	-1.13056	0.227085	0.741611	-1.34842	0.901443	1.02964	1.02964	0.342288	0.79402	-1.25941
cg14290127	BCL7C	0.0824346	0.964945	1.00543	1.00543	0.500821	0.919182	-1.08792	0.0170789	1.43128	1.43128	0.133805	1.2207	1.2207	0.0904927	0.794504	-1.25865
cg12163407	GDF3	0.082436	0.0149168	0.150122	-6.66126	0.684573	0.772056	-1.29524	0.0852436	0.299622	-3.33754	0.977634	0.982399	-1.01792	0.0369494	0.215509	-4.64017
cg00063503	KIAA1688	0.0824362	0.223078	0.424796	-2.35407	0.496517	0.630211	-1.58677	0.061237	0.24403	-4.09785	0.563238	0.676504	-1.47819	0.00743034	0.0996875	-10.0313
cg02585849	TMEM132B	0.0824395	0.465398	0.548577	-1.8229	0.277305	2.49218	2.49218	0.245887	2.66674	2.66674	0.881256	0.886204	-1.12841	0.867498	1.14448	1.14448
cg26593474	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0824414	0.0273247	0.548755	-1.82231	0.320285	1.2662	1.2662	0.508921	1.16648	1.16648	0.0287158	0.552686	-1.80935	0.187131	0.725185	-1.37896
cg21088420	C5orf49	0.0824421	0.307732	0.654119	-1.52877	0.965365	0.982695	-1.01761	0.977689	0.98882	-1.01131	0.76265	1.12949	1.12949	0.163861	0.55031	-1.81716
cg27211696	TMEM194B	0.0824426	0.00795652	0.104453	-9.57368	0.0986244	0.300457	-3.32826	0.320021	0.505484	-1.9783	0.262328	0.460253	-2.17272	0.0428473	0.212759	-4.70015
cg02465859	AFAP1L2;AFAP1L2	0.0824449	0.766944	1.15864	1.15864	0.00813885	5.35622	5.35622	0.00603692	5.91225	5.91225	0.998485	1.00094	1.00094	0.433117	1.48632	1.48632
cg24973846	C20orf12;POLR3F	0.0824455	0.440649	1.28281	1.28281	0.39158	0.757291	-1.3205	0.528225	0.816782	-1.22432	0.0501971	2.0281	2.0281	0.0384222	2.1376	2.1376
cg12497187	FAM81A	0.0824456	0.537075	1.27841	1.27841	0.615487	0.819541	-1.2202	0.404758	0.715334	-1.39795	0.586769	1.24069	1.24069	0.0358693	0.38311	-2.61022
cg10932874	AGAP2	0.0824461	0.145788	1.40776	1.40776	0.592696	1.12552	1.12552	0.0185133	0.534995	-1.86917	0.157157	0.717974	-1.39281	0.492322	0.858374	-1.16499
cg24127244	SRPRB	0.082447	0.113615	0.817629	-1.22305	0.0182778	1.39796	1.39796	0.885022	0.983219	-1.01707	0.956171	0.993593	-1.00645	0.349513	0.893476	-1.11922
cg24099726	C7orf38	0.0824493	0.533446	0.848541	-1.17849	0.0794501	1.66019	1.66019	0.101485	1.59502	1.59502	0.424099	0.808502	-1.23685	0.327672	1.30095	1.30095
cg08480939	CCT3;C1orf182;CCT3;CCT3	0.0824513	0.369977	1.15884	1.15884	0.0964364	1.33945	1.33945	0.0376103	1.47139	1.47139	0.5566	0.909183	-1.09989	0.194444	1.24582	1.24582
cg08145177	ABHD8	0.0824538	0.810831	0.887159	-1.12719	0.146835	2.17597	2.17597	0.0592527	2.89608	2.89608	0.0123782	4.73375	4.73375	0.362589	0.626726	-1.59559
cg13874629	PFKFB3	0.0824545	0.696649	1.06983	1.06983	0.697587	0.934933	-1.0696	0.300712	1.20294	1.20294	0.11162	0.741891	-1.34791	0.619832	1.08999	1.08999
cg10982590	GTF3C2;GTF3C2	0.0824561	0.622473	1.05951	1.05951	0.0522814	1.29321	1.29321	0.0337621	1.33481	1.33481	0.022876	0.728219	-1.37321	0.978816	1.0031	1.0031
cg25486979	C13orf1;C13orf1;C13orf1	0.0824564	0.0744799	0.765482	-1.30637	0.90525	1.01614	1.01614	0.411244	1.11963	1.11963	0.135316	0.805336	-1.24172	0.256844	0.852861	-1.17252
cg14204586	ARHGEF2;ARHGEF2;ARHGEF2	0.0824567	0.156065	1.66816	1.66816	0.00309696	3.91522	3.91522	0.182904	1.61058	1.61058	0.311724	1.42321	1.42321	0.341726	1.39147	1.39147
cg00757207	TNFSF12;TNFSF12-TNFSF13	0.0824567	0.067551	0.495104	-2.01978	0.214513	0.638561	-1.56602	0.239654	0.655319	-1.52598	0.0299429	0.416177	-2.40283	0.00696889	0.301762	-3.31387
cg03292648	EXO1	0.0824597	0.559968	1.47847	1.47847	0.211702	0.417793	-2.39353	0.0151909	0.138308	-7.23023	0.0623158	0.248594	-4.02263	0.637033	0.729572	-1.37067
cg01204439	TPK1;TPK1	0.0824601	0.0131971	4.11097	4.11097	0.286145	1.66475	1.66475	0.925658	0.957966	-1.04388	0.399307	0.672316	-1.4874	0.528975	0.745668	-1.34108
cg12501923	FBF1	0.0824615	0.363534	0.860661	-1.1619	0.463788	1.1273	1.1273	0.0185428	1.58219	1.58219	0.642675	0.92767	-1.07797	0.0222425	0.643816	-1.55324
cg24627793	ACTG1	0.0824634	0.470808	1.43074	1.43074	0.717145	0.83754	-1.19397	0.912475	1.05501	1.05501	0.92693	0.956313	-1.04568	0.00756091	0.174981	-5.7149
cg00572843	MIR212	0.0824638	0.059586	0.427489	-2.33924	0.974364	0.987238	-1.01293	0.935644	1.03281	1.03281	0.0369091	2.63466	2.63466	0.0417961	0.391465	-2.5545
cg18173908	KLHDC10	0.0824644	0.443226	0.797594	-1.25377	0.705379	0.895942	-1.11614	0.2011	1.47786	1.47786	0.479147	1.23137	1.23137	0.00507708	0.342466	-2.92
cg24789434	LRPAP1	0.0824645	0.300692	1.42496	1.42496	0.589022	1.19736	1.19736	0.9172	0.966242	-1.03494	0.451659	1.28818	1.28818	0.283322	0.692039	-1.445
cg01232479	MIR543	0.0824697	0.0477647	0.242043	-4.13149	0.00923916	7.93098	7.93098	0.126222	2.8205	2.8205	0.756	1.21575	1.21575	0.894827	1.08643	1.08643
cg00793946	PRKCE	0.08247	0.160009	0.5747	-1.74004	0.0610398	2.17919	2.17919	0.0252513	2.66898	2.66898	0.794733	1.10098	1.10098	0.0451596	0.428268	-2.33499
cg21184585	SEPT10;ANKRD57;SEPT10	0.0824704	0.406363	0.869073	-1.15065	0.0117664	0.594643	-1.68168	0.270397	1.20874	1.20874	0.109894	0.749844	-1.33361	0.318436	0.84337	-1.18572
cg16960810	FBLN2;FBLN2	0.0824706	0.842928	0.870932	-1.1482	0.811568	1.181	1.181	0.512173	1.58893	1.58893	0.602186	0.693273	-1.44243	0.0172968	0.132708	-7.53532
cg24123679	AZU1	0.0824718	0.339829	0.590416	-1.69372	0.165106	0.452432	-2.21027	0.0480188	0.298013	-3.35556	0.34457	0.593649	-1.6845	0.0106844	0.179271	-5.57813
cg01091239	C20orf7;C20orf7;ESF1;C20orf7	0.082473	0.390129	1.16021	1.16021	0.079922	0.720435	-1.38805	0.857374	1.03082	1.03082	0.0977719	1.35872	1.35872	0.780209	0.95389	-1.04834
cg06305312	AKR7A2;PQLC2;PQLC2;PQLC2	0.082476	0.144881	0.834023	-1.19901	0.892709	0.984479	-1.01577	0.737307	0.961729	-1.03979	0.298963	0.882685	-1.13291	0.817725	1.02712	1.02712
cg26807233	ZNF827	0.0824767	0.318856	0.608351	-1.64379	0.179371	0.502554	-1.98983	0.151889	0.476833	-2.09717	0.732584	0.8475	-1.17994	0.00695795	0.185546	-5.3895
cg25835733	GAD2;GAD2	0.0824801	0.0774761	3.78437	3.78437	0.919511	1.07095	1.07095	0.39782	1.79874	1.79874	0.343837	1.93726	1.93726	0.0278736	5.82586	5.82586
cg11173131	C20orf123	0.0824812	0.042837	0.207191	-4.82646	0.442982	0.589667	-1.69587	0.101036	0.297399	-3.36248	0.061881	0.241752	-4.13646	0.0206067	0.152135	-6.57311
cg10044179	C21orf81	0.0824841	0.375147	2.0021	2.0021	0.651596	1.41435	1.41435	0.604452	1.48965	1.48965	0.213142	2.718	2.718	0.0180026	0.11171	-8.95176
cg24451074	H1FX;C3orf47	0.0824867	0.949615	0.989157	-1.01096	0.124628	1.33219	1.33219	0.082038	1.39432	1.39432	0.951686	0.989601	-1.01051	0.512457	0.891714	-1.12144
cg24159988	NFIA;NFIA;NFIA;NFIA	0.0824881	0.213554	1.58186	1.58186	0.0171723	2.76432	2.76432	0.309034	1.44574	1.44574	0.301076	1.45524	1.45524	0.261086	1.50739	1.50739
cg01008082	CASK;CASK;GPR82;CASK	0.0824898	0.456677	0.758474	-1.31844	0.137046	0.557617	-1.79335	0.0143215	0.332441	-3.00805	0.566361	1.23539	1.23539	0.0122132	0.320248	-3.12258
cg27001894	CCDC3	0.08249	0.909122	0.946492	-1.05653	0.828435	1.11018	1.11018	0.0841525	2.50994	2.50994	0.230216	0.5454	-1.83352	0.731632	0.847218	-1.18033
cg11736903	PITPNM1;PITPNM1	0.0824913	0.351031	1.20731	1.20731	0.627802	1.10064	1.10064	0.309338	0.813427	-1.22937	0.358011	1.20385	1.20385	0.255564	0.792181	-1.26234
cg22643080	PECI;PECI;PECI;PECI	0.0824916	0.854675	1.14499	1.14499	0.946135	0.951327	-1.05116	0.417686	1.84343	1.84343	0.0224527	0.132741	-7.53346	0.0396969	0.17266	-5.79172
cg15993503	C3orf39	0.0824918	0.556582	0.927206	-1.07851	0.101206	1.25624	1.25624	0.00290578	1.68235	1.68235	0.2405	1.16905	1.16905	0.389691	0.89401	-1.11856
cg12019576	KIAA0922;KIAA0922	0.0824924	0.178374	0.667523	-1.49808	0.116192	0.617189	-1.62025	0.599273	1.16169	1.16169	0.445545	0.80267	-1.24584	0.216176	0.692189	-1.44469
cg06143658	NGEF	0.0824926	0.144949	0.481605	-2.07639	0.0216856	3.61988	3.61988	0.721719	0.846272	-1.18165	0.803981	1.12307	1.12307	0.0181827	0.262259	-3.81302
cg12656632	MEA1;KLHDC3	0.0824941	0.176381	1.8101	1.8101	0.344135	1.49527	1.49527	0.481017	0.744003	-1.34408	0.461324	1.3629	1.3629	?	?	?
cg11211563	GEFT;GEFT	0.0824962	0.0649371	4.5377	4.5377	0.0438009	5.42452	5.42452	0.30498	2.17092	2.17092	0.432387	1.7944	1.7944	0.284285	2.25166	2.25166
cg18261877	OBSCN;OBSCN	0.0824963	0.183605	0.762765	-1.31102	0.140779	1.35542	1.35542	0.0171566	0.572616	-1.74637	0.647835	0.915507	-1.09229	0.460469	0.865679	-1.15516
cg10311324	RIMS2;RIMS2	0.0824967	0.0258888	0.53996	-1.85199	0.503789	0.853789	-1.17125	0.914057	0.975161	-1.02547	0.00794467	0.452497	-2.20996	0.0949509	0.65211	-1.53348
cg04466995	RELA;RELA	0.0824988	0.0499183	1.38307	1.38307	0.31284	0.859496	-1.16347	0.403067	0.883289	-1.13213	0.865954	0.975795	-1.02481	0.723278	1.05291	1.05291
cg20007130	DCHS2;DCHS2	0.0824988	0.516777	0.841213	-1.18876	0.190432	0.694386	-1.44012	0.0909888	1.63189	1.63189	0.0416656	0.539178	-1.85468	0.560195	0.856456	-1.1676
cg08125401	SEMA7A;SEMA7A;SEMA7A	0.0825035	0.583536	0.930007	-1.07526	0.330935	1.14051	1.14051	0.531093	0.92021	-1.08671	0.636579	1.06436	1.06436	0.881754	1.0197	1.0197
cg01599041	C6orf170	0.0825041	0.399336	1.13528	1.13528	0.121732	1.27979	1.27979	0.204016	1.21791	1.21791	0.0489263	0.718448	-1.39189	0.912783	0.984017	-1.01624
cg07017706	KRT73	0.0825049	0.0731018	0.607124	-1.64711	0.619781	1.133	1.133	0.00697219	0.418382	-2.39016	0.238086	0.73453	-1.36141	0.0307033	0.530618	-1.88459
cg20347647	MIR548H4	0.0825054	0.421921	0.748327	-1.33631	0.194593	0.61575	-1.62404	0.124742	1.79918	1.79918	0.120389	0.551372	-1.81366	0.00396736	0.254359	-3.93145
cg13009927	SEPT2;SEPT2;HDLBP;SEPT2;SEPT2	0.0825065	0.00924729	0.606726	-1.64819	0.104533	1.30786	1.30786	0.200468	1.22697	1.22697	0.635511	0.930323	-1.0749	0.613	0.925751	-1.0802
cg20388732	STAT5A	0.0825068	0.279346	0.310346	-3.22221	0.00726743	0.0272616	-36.6816	0.00600841	0.0238769	-41.8814	0.46637	0.462484	-2.16223	0.412004	0.417845	-2.39323
cg12219307	C1QTNF7;C1QTNF7;C1QTNF7	0.0825077	0.0144671	0.328507	-3.04407	0.888104	0.949321	-1.05338	0.362859	1.41267	1.41267	0.464849	1.31626	1.31626	0.982493	1.00814	1.00814
cg23203884	RSBN1	0.0825128	0.556274	0.776801	-1.28733	0.183151	1.82113	1.82113	0.518231	0.757303	-1.32048	0.947089	1.02857	1.02857	0.0352414	0.353155	-2.83162
cg25101976	TCP11L1;TCP11L1	0.0825138	0.880117	0.921735	-1.08491	0.193604	0.475786	-2.10178	0.186027	2.13213	2.13213	0.0442166	0.287041	-3.48382	0.684091	1.2472	1.2472
cg14926717	FLJ43390	0.0825144	0.269115	0.755969	-1.32281	0.74069	0.922445	-1.08407	0.453942	0.830753	-1.20373	0.320553	0.779205	-1.28336	0.0497266	0.580356	-1.72308
cg05595134	MRPL15	0.0825151	0.234051	1.85381	1.85381	0.372556	0.635748	-1.57295	0.0486031	0.328053	-3.04828	0.683753	1.22463	1.22463	0.0143639	0.224644	-4.45148
cg04504205	ZMYND8;LOC100131496;ZMYND8;ZMYND8	0.0825158	0.262752	1.75197	1.75197	0.00401072	6.40302	6.40302	0.215314	1.87076	1.87076	0.946545	0.968312	-1.03272	0.887273	0.934151	-1.07049
cg00916199	TMCO6	0.0825161	0.772105	0.965836	-1.03537	0.964038	1.00541	1.00541	0.184284	1.18362	1.18362	0.0486255	0.763679	-1.30945	0.763635	0.964544	-1.03676
cg05086178	PDPK1;PDPK1	0.0825173	0.0888406	0.31677	-3.15687	0.716124	0.799561	-1.25069	0.0160132	0.164312	-6.08597	0.235002	0.46654	-2.14344	0.576084	0.707519	-1.41339
cg26822551	NPHS2	0.0825195	0.44719	1.2368	1.2368	0.00756711	2.56643	2.56643	0.1303	1.5656	1.5656	0.856871	1.05077	1.05077	0.016297	2.23845	2.23845
cg07954324	CYP11B2	0.0825237	0.463029	0.731512	-1.36703	0.0506736	0.38723	-2.58244	0.00498237	0.197105	-5.07343	0.989076	0.994302	-1.00573	0.182508	0.551036	-1.81476
cg16431705	BCL10	0.0825241	0.178095	1.46885	1.46885	0.517584	0.83839	-1.19276	0.497897	1.20309	1.20309	0.00384382	0.351065	-2.84848	0.870699	1.04474	1.04474

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24535910	0.131818	1.19746	1.19746	0.731258	1.03893	1.03893	0.00498111	1.50954	1.50954	0.477546	0.923114	-1.08329	2.78068	0.540501	0.17278	1
cg10244414	0.383697	1.22804	1.22804	0.638391	0.896856	-1.11501	0.0552292	0.606646	-1.64841	0.502746	1.16932	1.16932	2.78064	2.32922	0.744583	1
cg25509871	0.723918	1.31741	1.31741	0.681338	0.72547	-1.37842	0.0136418	10.7137	10.7137	0.0136416	10.7138	10.7138	2.78062	26.6068	8.50545	1
cg20698769	0.13801	0.76039	-1.31511	0.0421204	1.49423	1.49423	0.983699	0.996502	-1.00351	0.0702847	1.41486	1.41486	2.78062	1.29549	0.414133	1
cg06863300	0.00230555	2.35018	2.35018	0.165269	1.34577	1.34577	0.73806	1.06966	1.06966	0.50399	0.872791	-1.14575	2.78061	1.77294	0.566764	1
cg26764198	0.48721	1.40809	1.40809	0.127295	2.22444	2.22444	0.407713	1.50772	1.50772	0.343419	1.60515	1.60515	2.78057	10.3521	3.30934	1
cg06226670	0.051744	0.325225	-3.07479	0.0109498	0.197877	-5.05365	0.306874	1.71039	1.71039	0.0696881	0.357254	-2.79913	2.78049	11.3368	3.62424	1
cg27183386	0.703346	0.902053	-1.10858	0.122922	1.56879	1.56879	0.281135	1.3523	1.3523	0.0539158	0.554569	-1.8032	2.78048	3.19657	1.02191	1
cg06692260	0.476205	0.8741	-1.14403	0.109861	1.38228	1.38228	0.46842	0.871945	-1.14686	0.90311	0.977633	-1.02288	2.78047	1.51937	0.485728	1
cg15369054	0.158589	0.660176	-1.51475	0.479652	1.21896	1.21896	0.0782209	0.583264	-1.71449	0.214044	0.697348	-1.434	2.78043	3.34335	1.06885	1
cg26117570	0.299033	1.34006	1.34006	0.344991	1.3028	1.3028	0.185664	0.682732	-1.4647	0.0742701	0.582229	-1.71754	2.78041	3.25673	1.04117	1
cg14811608	0.933814	1.02754	1.02754	?	?	?	0.00538776	0.301698	-3.31457	0.150461	1.6555	1.6555	2.81426	4.23841	1.50605	1
cg13184886	0.257097	1.2404	1.2404	0.726189	1.06614	1.06614	0.0809544	1.42257	1.42257	0.0404975	1.53871	1.53871	2.78039	1.46093	0.46706	1
cg26715571	0.68795	1.04358	1.04358	0.448895	1.08494	1.08494	0.884524	0.984765	-1.01547	0.36714	0.906766	-1.10282	2.78038	0.491446	0.157115	1
cg00303548	0.969728	1.01391	1.01391	0.0183492	0.352928	-2.83344	?	?	?	0.312218	1.46293	1.46293	2.81419	5.24687	1.86444	1
cg05179880	0.692625	1.22737	1.22737	0.598097	1.31562	1.31562	0.382126	0.629894	-1.58757	0.237343	1.89335	1.89335	2.78033	11.7088	3.74339	1
cg20683681	0.844779	0.874189	-1.14392	0.00692468	0.0909673	-10.993	0.225964	0.418039	-2.39212	0.0907536	0.27853	-3.59027	2.78031	20.7193	6.62414	1
cg11028091	0.346608	1.3806	1.3806	0.447703	0.772985	-1.29369	0.714979	0.88511	-1.1298	0.229465	1.52138	1.52138	2.78027	4.87583	1.55887	1
cg14058551	0.0335602	1.44196	1.44196	0.0603658	1.36646	1.36646	0.903648	1.01801	1.01801	0.521612	1.10049	1.10049	2.78025	0.956842	0.305917	1
cg07068375	0.870143	1.0308	1.0308	0.00785377	0.531238	-1.8824	0.8789	1.02868	1.02868	0.979358	1.00481	1.00481	2.78023	1.5142	0.484115	1
cg05627663	0.260268	0.782776	-1.27751	0.885139	1.03061	1.03061	0.0147036	1.87073	1.87073	0.773533	0.941599	-1.06202	2.78023	1.91545	0.612404	1
cg14744898	0.559145	1.65143	1.65143	0.0207468	10.6388	10.6388	0.0361636	7.9176	7.9176	0.0414472	7.36758	7.36758	2.78022	31.7581	10.1537	1
cg05431684	0.139779	0.363898	-2.74802	0.455853	0.616808	-1.62125	0.539298	1.48501	1.48501	0.258932	0.472672	-2.11563	2.78019	17.8231	5.69844	1
cg04399147	0.178132	0.320708	-3.1181	0.0214866	0.111316	-8.9834	0.816215	1.20327	1.20327	0.0413853	0.154153	-6.48707	2.78017	27.8166	8.89366	1
cg22957651	0.184758	1.85671	1.85671	0.085428	0.433242	-2.30818	0.610092	1.25389	1.25389	0.385369	0.676042	-1.4792	2.78015	8.52133	2.7245	1
cg27052183	0.56912	1.28898	1.28898	0.0877915	0.43551	-2.29616	0.146964	1.98703	1.98703	0.784365	1.12863	1.12863	2.78014	8.56888	2.73971	1
cg18863486	0.530391	0.721856	-1.38532	0.0870047	0.379394	-2.63578	0.0455454	0.308546	-3.24101	0.0385371	0.292551	-3.41821	2.78014	11.5792	3.70222	1
cg20380214	0.0681253	0.246555	-4.05588	0.809204	1.18034	1.18034	0.0558235	4.41526	4.41526	0.0211257	6.68943	6.68943	2.78011	20.6858	6.61391	1
cg26145228	0.0474605	0.694004	-1.44091	0.00870782	0.583605	-1.71349	0.390992	0.867973	-1.15211	0.175959	0.793103	-1.26087	2.78011	1.14271	0.36536	1
cg09262882	0.147577	0.469732	-2.12887	0.0131013	0.223951	-4.46527	0.626732	1.26913	1.26913	0.0799249	0.38872	-2.57255	2.78006	10.412	3.3291	1
cg19727641	0.477312	0.884655	-1.13038	0.285551	0.828501	-1.207	0.719976	1.06296	1.06296	0.690882	0.934449	-1.07015	2.78002	1.26676	0.405037	1
cg18030372	0.103195	1.8002	1.8002	0.74537	1.11346	1.11346	0.952489	1.01985	1.01985	0.192732	0.634653	-1.57566	2.78001	4.78954	1.53142	1
cg01230250	0.560944	1.1046	1.1046	0.891899	1.02328	1.02328	0.687842	0.933939	-1.07073	0.92032	0.983212	-1.01707	2.77996	1.26066	0.403094	1
cg21579472	0.311565	0.414378	-2.41326	0.00815106	0.0578606	-17.2829	0.0359201	0.128256	-7.79689	0.261718	0.373488	-2.67747	2.77996	31.1776	9.96901	1
cg07979316	0.189798	0.421533	-2.3723	0.26901	0.488669	-2.04637	0.32613	0.532254	-1.8788	0.130745	0.362378	-2.75955	2.77994	17.0355	5.44711	1
cg00740889	0.0416599	4.13485	4.13485	0.635833	0.74952	-1.33419	0.0426039	4.10021	4.10021	0.120672	2.76588	2.76588	2.77994	16.0854	5.14333	1
cg25500616	0.218106	1.27099	1.27099	0.0519885	1.50565	1.50565	0.0985949	1.39831	1.39831	0.716578	1.06981	1.06981	2.77993	1.50848	0.482341	1
cg24887387	0.18102	0.632807	-1.58026	0.0309974	0.442217	-2.26133	0.0889773	0.546394	-1.83018	0.0966178	0.555592	-1.79988	2.77992	4.57089	1.46156	1
cg09674170	0.746218	0.865843	-1.15494	0.0686397	0.404896	-2.46977	0.981756	0.989908	-1.0102	0.0526201	2.65763	2.65763	2.77989	8.66423	2.77044	1
cg04963480	0.0675397	3.19527	3.19527	0.00703123	7.2166	7.2166	0.047651	3.61331	3.61331	0.0563505	3.40608	3.40608	2.77988	14.1631	4.52877	1
cg26066277	0.894269	0.968288	-1.03275	0.852297	1.04621	1.04621	0.938812	1.01878	1.01878	0.36649	0.798642	-1.25213	2.77987	2.58583	0.826845	1
cg01078772	0.18816	0.470784	-2.12411	0.0111065	0.179071	-5.58438	0.680364	0.799488	-1.2508	0.0460466	0.290818	-3.43858	2.7798	12.8485	4.10852	1
cg19025234	0.122602	0.599857	-1.66707	0.0160546	0.406496	-2.46005	0.591917	0.847639	-1.17975	0.555249	0.833375	-1.19994	2.77979	4.10824	1.31369	1
cg21807865	0.372575	0.825061	-1.21203	0.0144979	0.531144	-1.88273	0.559859	0.88351	-1.13185	0.752296	0.935651	-1.06877	2.77978	1.94275	0.621234	1
cg01612408	0.635144	0.922279	-1.08427	0.0781152	1.3928	1.3928	0.54784	0.902181	-1.10843	0.282743	1.20795	1.20795	2.77977	1.26134	0.403338	1
cg15394255	0.749129	1.09532	1.09532	0.0165431	0.43569	-2.29521	0.674336	1.12742	1.12742	0.404374	1.27395	1.27395	2.77974	3.54532	1.1337	1
cg19223579	0.417683	0.736012	-1.35867	0.0794465	0.486509	-2.05546	0.896422	0.952941	-1.04938	0.237423	0.632511	-1.581	2.77973	6.02984	1.92819	1
cg22690096	0.0309385	0.516114	-1.93756	0.633039	0.881987	-1.1338	0.205875	0.705834	-1.41676	0.166658	0.680476	-1.46956	2.77968	3.00047	0.959494	1
cg00285363	0.894785	1.02927	1.02927	0.020329	0.543406	-1.84024	0.40819	1.20258	1.20258	0.3068	1.25948	1.25948	2.77966	2.09315	0.669354	1
cg20548765	0.63048	0.93197	-1.073	0.0188603	0.661352	-1.51205	0.407261	0.884065	-1.13114	0.0990388	0.768841	-1.30066	2.77964	0.930174	0.297456	1
cg04652903	0.0662057	0.567236	-1.76293	0.105964	1.62556	1.62556	0.453891	0.810649	-1.23358	0.109593	0.618796	-1.61604	2.77962	3.33301	1.06585	1
cg05892146	0.0362939	0.14499	-6.89701	0.935602	0.937902	-1.06621	0.00933324	0.073101	-13.6797	0.0484901	0.167247	-5.97918	2.77962	27.708	8.86068	1
cg25223664	0.796461	0.942635	-1.06086	0.00559344	0.435364	-2.29693	0.127003	0.685761	-1.45823	0.417746	0.827566	-1.20836	2.77958	2.29966	0.735414	1
cg02910873	0.119307	0.567383	-1.76248	0.059241	0.489677	-2.04216	0.0154882	0.369489	-2.70644	0.122057	0.570154	-1.75391	2.77955	4.94799	1.58235	1
cg12833683	0.110348	0.390135	-2.56322	0.550855	0.721481	-1.38604	0.812199	1.13741	1.13741	0.0806826	0.350672	-2.85167	2.77952	12.8815	4.11949	1
cg17071855	0.36004	0.697647	-1.43339	0.0539254	0.432922	-2.30989	0.327656	0.679363	-1.47197	0.0553362	0.435587	-2.29575	2.77951	6.44424	2.06087	1
cg19025723	0.50704	1.05747	1.05747	0.811223	1.02006	1.02006	0.64059	1.0398	1.0398	0.01612	0.783178	-1.27685	2.77949	0.303321	0.0970027	1
cg13828808	0.486675	1.41341	1.41341	0.0801478	0.386585	-2.58675	0.0279688	0.280498	-3.56509	0.0267224	0.276608	-3.61523	2.77943	10.5502	3.37406	1
cg26439710	0.359291	0.795811	-1.25658	0.00190893	0.344613	-2.90181	0.116347	0.661346	-1.51207	0.268596	0.756386	-1.32208	2.77939	2.58456	0.82658	1
cg09039845	0.346382	0.742894	-1.34609	0.0146999	0.398343	-2.5104	0.720711	0.895809	-1.11631	0.936494	0.975872	-1.02472	2.77937	4.13503	1.32245	1
cg11577716	0.0351579	0.222161	-4.50124	0.0498833	0.25383	-3.93964	0.204062	2.27439	2.27439	0.3171	0.530459	-1.88516	2.77935	16.5434	5.29089	1
cg15513620	0.53432	0.786647	-1.27122	0.0446036	0.415082	-2.40916	0.43109	0.736083	-1.35854	0.060532	0.446212	-2.24109	2.77934	6.39997	2.04684	1
cg01396832	0.115113	0.437601	-2.28519	0.0496418	0.339474	-2.94574	0.104597	0.42496	-2.35316	0.0158609	0.240437	-4.15909	2.7793	10.2436	3.27615	1
cg21083556	0.828564	0.913988	-1.09411	0.0242386	0.32822	-3.04674	0.065567	0.424401	-2.35626	0.0374003	0.367241	-2.72301	2.77926	7.57084	2.42137	1
cg13509702	0.220201	0.631051	-1.58466	0.013689	0.336599	-2.97089	0.134001	0.56149	-1.78098	0.160694	0.585584	-1.7077	2.77923	5.61432	1.79564	1
cg03607728	0.373495	0.660936	-1.51301	0.883396	0.935642	-1.06878	0.443227	0.701625	-1.42526	0.77075	1.14161	1.14161	2.77923	9.04374	2.89249	1
cg26197037	0.530703	1.17926	1.17926	0.520568	1.18422	1.18422	0.689469	1.10992	1.10992	0.0395201	0.538895	-1.85565	2.77919	2.96718	0.949017	1
cg19352682	0.131588	0.813828	-1.22876	0.0412677	0.742335	-1.3471	0.682926	0.94935	-1.05335	0.781648	0.965446	-1.03579	2.77918	0.705023	0.225494	1
cg07641535	0.0505975	1.69067	1.69067	0.0164999	0.501306	-1.99479	0.0676603	1.62019	1.62019	0.98541	0.995699	-1.00432	2.77912	2.44581	0.782281	1
cg14290127	0.330131	0.883435	-1.13195	0.639384	0.943459	-1.05993	0.623923	1.06284	1.06284	0.0453282	1.32731	1.32731	2.7791	0.669456	0.214124	1
cg12163407	0.693932	1.2847	1.2847	0.0283625	0.194136	-5.15102	0.856864	0.891935	-1.12116	0.0819724	0.295006	-3.38976	2.77908	17.6594	5.64836	1
cg00063503	0.0350353	0.193499	-5.16798	0.478829	0.617869	-1.61847	0.865806	1.11975	1.11975	0.035368	0.194262	-5.14769	2.77908	19.6841	6.29595	1
cg02585849	0.970888	1.02993	1.02993	0.416259	1.95718	1.95718	0.00496186	0.0494687	-20.2148	0.0984289	4.32643	4.32643	2.77903	28.7498	9.19578	1
cg26593474	0.456671	0.840115	-1.19031	0.204153	0.734932	-1.36067	0.20355	1.36129	1.36129	0.292244	1.28548	1.28548	2.779	2.32468	0.743569	1
cg21088420	0.396378	1.41788	1.41788	0.266656	0.627962	-1.59245	0.0047052	4.52712	4.52712	0.238034	0.608427	-1.64358	2.779	7.11361	2.27536	1
cg27211696	0.333308	0.515521	-1.93979	0.0254836	0.171586	-5.82797	0.682047	0.760724	-1.31454	0.0680604	0.257515	-3.88327	2.77899	19.4016	6.20582	1
cg02465859	0.390459	1.54646	1.54646	0.282034	1.73996	1.73996	0.294412	1.7139	1.7139	0.284719	1.73419	1.73419	2.77896	10.803	3.45551	1
cg24973846	?	?	?	0.161644	0.622913	-1.60536	0.98101	1.00757	1.00757	0.0657636	0.519997	-1.92309	2.81276	3.97196	1.41212	1
cg12497187	0.571926	0.79895	-1.25164	0.0969803	0.488759	-2.046	0.0174232	3.11922	3.11922	0.237728	1.62587	1.62587	2.77895	6.79699	2.17412	1
cg10932874	0.14814	1.40457	1.40457	0.678547	1.09556	1.09556	0.441948	1.18732	1.18732	0.0579252	0.625345	-1.59912	2.77894	2.11073	0.675152	1
cg24127244	0.112384	0.816968	-1.22404	0.227294	0.86222	-1.1598	0.834193	1.02482	1.02482	0.0620051	1.27861	1.27861	2.77893	0.602057	0.192579	1
cg24099726	0.395882	0.7974	-1.25408	0.0102117	0.430301	-2.32396	0.33372	0.771344	-1.29644	0.990241	0.99682	-1.00319	2.77889	2.9841	0.95453	1
cg08480939	0.501056	1.11555	1.11555	0.0416731	0.686603	-1.45645	0.180782	1.25551	1.25551	0.0660759	1.39117	1.39117	2.77887	1.12842	0.360952	1
cg08145177	0.175762	2.05205	2.05205	0.130845	2.25823	2.25823	0.753599	1.17027	1.17027	0.0350846	3.40735	3.40735	2.77883	10.9729	3.50999	1
cg13874629	0.274287	1.21652	1.21652	0.00369071	0.508582	-1.96625	0.757487	0.948033	-1.05482	0.731958	1.06103	1.06103	2.77882	1.30652	0.417929	1
cg10982590	0.748285	0.96319	-1.03822	0.208984	0.85704	-1.16681	0.846462	1.02284	1.02284	0.390291	1.10799	1.10799	2.7788	0.597183	0.191028	1
cg25486979	0.352743	0.879325	-1.13724	0.0272705	0.703747	-1.42097	0.20896	0.836842	-1.19497	0.0452245	1.36202	1.36202	2.7788	0.796002	0.254627	1
cg14204586	0.697737	1.14066	1.14066	0.990856	1.00387	1.00387	0.0408085	2.2172	2.2172	0.808642	0.921439	-1.08526	2.77879	5.00465	1.6009	1
cg00757207	0.310906	0.697766	-1.43315	0.555383	0.81486	-1.2272	0.533899	1.24142	1.24142	0.102573	0.541647	-1.84622	2.77879	5.18517	1.65865	1
cg03292648	0.981283	1.01568	1.01568	0.796472	1.18703	1.18703	0.624279	1.38746	1.38746	0.0136722	0.132252	-7.5613	2.77875	19.367	6.19527	1
cg01204439	?	?	?	0.581294	0.773914	-1.29213	0.0336157	3.13285	3.13285	0.110466	2.22625	2.22625	2.81255	8.38278	2.98049	1
cg12501923	0.943974	0.98877	-1.01136	0.920442	0.984075	-1.01618	0.795015	1.04272	1.04272	0.0765322	1.37244	1.37244	2.77872	1.13636	0.363511	1
cg24627793	0.177251	2.02375	2.02375	0.418332	0.667603	-1.4979	0.0301559	0.279733	-3.57484	0.598321	1.29595	1.29595	2.97244	10.929	2.85972	1
cg00572843	0.837505	1.08554	1.08554	0.111623	0.500276	-1.9989	0.102057	0.489059	-2.04474	0.271743	0.632988	-1.57981	2.77869	7.03107	2.2492	1
cg18173908	0.179744	0.662197	-1.51012	0.303868	1.36078	1.36078	0.415476	1.27224	1.27224	0.310261	0.738057	-1.35491	2.77868	3.68298	1.17817	1
cg24789434	0.317734	0.711026	-1.40642	0.802311	0.920498	-1.08637	0.00336028	3.73437	3.73437	0.145102	1.67653	1.67653	2.77868	4.79917	1.53524	1
cg01232479	0.721539	1.25144	1.25144	0.0923677	3.19304	3.19304	0.526502	1.49515	1.49515	0.770884	0.832752	-1.20084	2.77861	17.287	5.53017	1
cg00793946	0.269507	0.654242	-1.52849	0.569677	0.80896	-1.23615	0.904983	1.04505	1.04505	0.536067	0.793582	-1.26011	2.77861	5.99118	1.91661	1
cg21184585	0.20948	0.803705	-1.24424	0.36016	1.16815	1.16815	0.0964583	1.35189	1.35189	0.862159	1.02913	1.02913	2.7786	1.20102	0.384213	1
cg16960810	0.638494	0.719201	-1.39043	0.00428585	0.0698675	-14.3128	0.522235	0.636501	-1.57109	0.417131	0.561236	-1.78178	2.7786	21.3521	6.83065	1
cg24123679	0.171156	0.45819	-2.1825	0.17503	0.461818	-2.16535	0.0413335	0.283515	-3.52714	0.0200002	0.222304	-4.49834	2.77858	12.6256	4.03902	1
cg01091239	0.369405	1.16831	1.16831	0.0157426	1.64772	1.64772	0.481888	0.886367	-1.1282	0.0983336	0.736435	-1.35789	2.77856	1.25315	0.400896	1
cg06305312	0.0510349	0.7729	-1.29383	0.00397472	0.638333	-1.56658	0.720596	1.04251	1.04251	0.42446	1.09917	1.09917	2.77852	0.591286	0.189161	1
cg26807233	0.379402	0.647245	-1.54501	0.225857	0.541418	-1.847	0.064243	2.7268	2.7268	0.312013	0.603769	-1.65626	2.77851	10.2419	3.27653	1
cg25835733	0.708177	1.29044	1.29044	0.00825529	9.88294	9.88294	0.0271378	5.89236	5.89236	0.252717	2.24828	2.24828	2.77846	20.2367	6.47414	1
cg11173131	0.295765	0.480882	-2.07951	0.114615	0.313884	-3.18589	0.0128904	0.124318	-8.04387	0.127153	0.328241	-3.04654	2.77845	20.0658	6.4195	1
cg10044179	0.647061	1.4213	1.4213	0.665305	0.717531	-1.39367	0.0185124	8.83166	8.83166	0.240275	0.391534	-2.55406	2.77841	25.5943	8.18831	1
cg24451074	0.266057	1.22132	1.22132	0.0135645	0.590372	-1.69385	0.0862115	0.721052	-1.38686	0.89071	0.976561	-1.024	2.77837	1.3097	0.419015	1
cg24159988	0.0802805	1.97265	1.97265	0.00530329	3.62041	3.62041	0.112511	1.83114	1.83114	0.258979	1.51037	1.51037	2.77835	5.39464	1.72593	1
cg01008082	0.538034	1.25531	1.25531	0.313038	0.683484	-1.46309	0.13342	0.554121	-1.80466	0.867549	1.06276	1.06276	2.77833	5.85211	1.8723	1
cg27001894	0.329272	1.62401	1.62401	0.00658799	0.182838	-5.46934	0.181879	1.97872	1.97872	0.559099	0.752383	-1.32911	2.77833	10.206	3.26529	1
cg11736903	0.00868374	0.518667	-1.92802	0.0637567	1.50539	1.50539	0.661185	0.917077	-1.09042	0.364534	1.20068	1.20068	2.77831	1.69519	0.542357	1
cg22643080	0.0659249	4.58914	4.58914	0.188671	2.79695	2.79695	0.287452	0.442351	-2.26065	0.8829	1.11499	1.11499	2.7783	23.998	7.6779	1
cg15993503	0.313896	1.14155	1.14155	0.314166	1.14146	1.14146	0.751124	1.04127	1.04127	0.472084	1.09743	1.09743	2.7783	0.710875	0.227437	1
cg12019576	0.0134812	2.374	2.374	0.0996359	0.600429	-1.66548	0.186314	0.672983	-1.48592	0.714785	1.10932	1.10932	2.77829	3.51574	1.12483	1
cg06143658	0.943996	0.967742	-1.03333	0.101724	0.433368	-2.30751	0.791332	1.13175	1.13175	0.642711	0.804089	-1.24364	2.77829	9.58518	3.06669	1
cg12656632	0.00959712	0.258274	-3.87185	?	?	?	0.447465	0.726412	-1.37663	0.248009	1.64639	1.64639	2.85402	5.99207	2.39945	1
cg11211563	0.155997	3.02687	3.02687	0.00963015	10.9258	10.9258	0.0182625	8.08932	8.08932	0.135201	3.2384	3.2384	2.77824	23.4297	7.49626	1
cg18261877	0.500959	1.1401	1.1401	0.0266597	1.65564	1.65564	0.816875	1.04553	1.04553	0.910013	1.02194	1.02194	2.77824	1.62128	0.518722	1
cg10311324	0.837863	1.0489	1.0489	0.707485	1.0918	1.0918	0.476764	0.844877	-1.1836	0.0553746	0.602914	-1.65861	2.77823	2.38862	0.764234	1
cg04466995	0.584666	0.923069	-1.08334	0.00515931	1.70854	1.70854	0.476709	1.11064	1.11064	0.252907	1.18909	1.18909	2.7782	0.925525	0.296123	1
cg20007130	0.010765	0.43049	-2.32294	0.826086	1.05959	1.05959	0.469849	1.21338	1.21338	0.391995	0.793988	-1.25946	2.7782	3.04453	0.974102	1
cg08125401	0.200803	0.837707	-1.19373	0.00534689	0.618252	-1.61746	0.184652	0.831597	-1.2025	0.115623	1.25128	1.25128	2.77814	0.755795	0.241823	1
cg01599041	0.68498	0.941786	-1.06181	0.0442715	0.711919	-1.40465	0.0356302	0.697928	-1.43281	0.910258	0.983556	-1.01672	2.77813	0.95151	0.304445	1
cg07017706	0.641817	0.889627	-1.12407	0.75624	0.925205	-1.08084	0.105501	0.643058	-1.55507	0.137462	0.670744	-1.49088	2.77812	2.74242	0.877467	1
cg20347647	0.666688	0.858019	-1.16547	0.943048	1.02557	1.02557	0.459934	0.766528	-1.30458	0.351712	0.7127	-1.40311	2.77811	5.49499	1.75819	1
cg13009927	0.238436	0.82963	-1.20536	0.417749	0.882269	-1.13344	0.600664	1.08317	1.08317	0.152526	1.26086	1.26086	2.7781	1.00671	0.32211	1
cg20388732	0.232046	0.271458	-3.6838	0.587691	0.5658	-1.76741	0.262099	0.296255	-3.37547	0.581045	0.559966	-1.78582	2.77809	47.6207	15.2369	1
cg12219307	0.0251332	2.67504	2.67504	0.146578	1.77825	1.77825	0.231659	1.58954	1.58954	0.643468	0.841822	-1.1879	2.77808	6.00451	1.92123	1
cg23203884	?	?	?	0.00813613	0.237452	-4.21137	0.341901	0.659929	-1.51531	0.751432	1.14439	1.14439	2.8118	7.13036	2.53587	1
cg25101976	0.00986869	0.171907	-5.81711	0.158426	0.443019	-2.25724	0.632734	0.771065	-1.29691	0.368646	1.64643	1.64643	2.77799	12.8292	4.10502	1
cg14926717	0.0747783	0.617286	-1.61999	0.11892	1.50892	1.50892	0.0726948	1.62695	1.62695	0.140278	1.47058	1.47058	2.77799	2.59956	0.831797	1
cg05595134	0.453691	0.685469	-1.45885	0.0495566	0.330017	-3.03014	0.0700832	0.367145	-2.72372	0.763043	0.861047	-1.16138	2.77798	10.7709	3.44646	1
cg04504205	0.0847691	2.49792	2.49792	0.355132	0.633296	-1.57904	0.186936	1.95774	1.95774	0.659515	0.808214	-1.2373	2.77797	10.1471	3.24685	1
cg00916199	0.597677	1.06582	1.06582	0.0929545	0.801517	-1.24763	0.0141991	1.43639	1.43639	0.298798	1.13758	1.13758	2.77796	0.630382	0.201709	1
cg05086178	0.773643	1.1932	1.1932	0.317187	0.530815	-1.8839	0.0246464	5.14991	5.14991	0.518245	0.669529	-1.49359	2.77794	16.5064	5.28173	1
cg26822551	0.759062	1.08806	1.08806	0.0512871	1.83825	1.83825	0.713775	1.10634	1.10634	0.176056	1.48384	1.48384	2.77791	3.311	1.05947	1
cg07954324	0.971403	1.01508	1.01508	0.157527	0.528652	-1.8916	0.0435523	0.371478	-2.69195	0.149796	0.521266	-1.9184	2.97148	8.02649	2.10092	1
cg16431705	0.178343	0.680973	-1.46849	0.342992	1.30017	1.30017	0.615431	1.14579	1.14579	0.798046	0.933424	-1.07132	2.77785	3.17624	1.01637	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23169957	MACROD2	0.0825252	0.0992079	1.92201	1.92201	0.366666	1.39831	1.39831	0.00981383	3.25476	3.25476	0.770116	1.11174	1.11174	0.25535	0.650973	-1.53616
cg12900690	FLNC;FLNC	0.0825256	0.601705	0.871138	-1.14792	0.350491	0.777448	-1.28626	0.0683917	0.585966	-1.70658	0.00750239	0.405953	-2.46334	0.45684	0.819957	-1.21958
cg16851485	RBMX;RBMX;RBMX;RBMX;RBMX;RBMX;SNORD61	0.0825276	0.121334	0.679332	-1.47204	0.135225	0.690277	-1.44869	0.392272	0.817297	-1.22355	0.289198	1.28821	1.28821	0.0199124	0.52368	-1.90956
cg18485114	ING3;ING3;ING3;ING3	0.0825301	0.25901	0.79336	-1.26046	0.941421	1.01455	1.01455	0.479276	1.15186	1.15186	0.959028	1.01015	1.01015	0.0643857	0.664679	-1.50449
cg06963421	CCDC146	0.0825311	0.474082	1.09215	1.09215	0.0722431	1.27494	1.27494	0.770788	1.036	1.036	0.2494	1.15691	1.15691	0.0199582	0.711729	-1.40503
cg19957511	C5orf32	0.0825311	0.890915	0.954813	-1.04733	0.0055575	0.293024	-3.41269	0.59473	1.19834	1.19834	0.393017	1.34293	1.34293	0.250408	0.667166	-1.49888
cg11657203	CNTN1;CNTN1	0.0825317	0.0726807	1.3232	1.3232	0.00584765	1.6564	1.6564	0.0958577	1.2915	1.2915	0.255665	1.18053	1.18053	0.432388	1.11858	1.11858
cg25544164	NRTN;NRTN	0.0825329	0.0728225	0.0825779	-12.1098	0.935331	1.10643	1.10643	0.517468	0.441393	-2.26555	0.116351	0.119245	-8.38609	0.0264351	0.0376285	-26.5756
cg04033706	UGCG	0.0825363	0.628303	0.889196	-1.12461	0.617333	1.12892	1.12892	0.327741	1.27532	1.27532	0.834396	0.950851	-1.05169	0.949262	0.984797	-1.01544
cg25264265	MAP3K13;MAP3K13	0.0825374	0.933342	0.987045	-1.01313	0.540751	1.10134	1.10134	0.42171	0.879906	-1.13648	0.159326	0.791011	-1.2642	0.957555	0.991738	-1.00833
cg15476875	ANO4	0.0825396	0.616432	1.19348	1.19348	0.0759121	0.500687	-1.99726	0.42043	0.74956	-1.33412	0.593449	1.20769	1.20769	0.101583	0.533799	-1.87337
cg19134704	KCNQ3	0.0825431	0.115904	0.761292	-1.31356	0.14816	1.28093	1.28093	0.0408883	1.45742	1.45742	0.131623	0.77123	-1.29663	0.284526	0.837414	-1.19415
cg15587013	SYNGAP1	0.0825434	0.00479984	0.358124	-2.79233	0.423642	0.799137	-1.25135	0.44131	0.806189	-1.2404	0.417778	1.25507	1.25507	0.0253658	0.482278	-2.07349
cg18471929	EBF3	0.0825436	0.125328	1.7414	1.7414	0.6736	1.15217	1.15217	0.611267	0.842498	-1.18695	0.146639	1.68355	1.68355	0.0887236	1.8735	1.8735
cg14217399	YTHDF3	0.0825459	0.648172	1.18023	1.18023	0.668043	0.85589	-1.16837	0.0922775	0.512538	-1.95108	0.15568	1.7297	1.7297	0.895344	0.953636	-1.04862
cg26860507	GPRC5D	0.0825466	0.0830052	1.34112	1.34112	0.0645711	0.727988	-1.37365	0.495402	0.899556	-1.11166	0.0434268	0.701065	-1.4264	0.966515	0.993601	-1.00644
cg00169305	CLGN;CLGN	0.0825482	0.0289178	1.68588	1.68588	0.697157	0.923763	-1.08253	0.951093	1.01252	1.01252	0.0381399	1.62794	1.62794	0.758929	0.939491	-1.06441
cg24890222	CDC16;CDC16	0.0825488	0.60051	1.3607	1.3607	0.0650144	3.34583	3.34583	0.0691013	3.2726	3.2726	0.410919	1.63253	1.63253	0.0627889	0.295127	-3.38837
cg16140449	C1orf220;C1orf220	0.0825502	0.724376	1.05264	1.05264	0.776058	1.04219	1.04219	0.874151	1.02323	1.02323	0.258204	0.842872	-1.18642	0.023768	1.47847	1.47847
cg10601287	THY1;THY1	0.0825512	0.169891	1.29558	1.29558	0.129943	1.33609	1.33609	0.0278758	1.58454	1.58454	0.397186	1.16598	1.16598	0.214461	0.793351	-1.26048
cg11983942	OPCML	0.0825521	0.981596	1.00612	1.00612	0.0206145	2.08997	2.08997	0.19046	0.693122	-1.44275	0.603322	0.870579	-1.14866	0.604707	0.871048	-1.14804
cg04321866	EFNB2	0.0825527	0.827009	0.944268	-1.05902	0.319256	0.763619	-1.30955	0.417085	1.2427	1.2427	0.529637	1.18156	1.18156	0.798445	0.935153	-1.06934
ch.8.1993893R	LAPTM4B	0.082553	0.0128305	0.30432	-3.28601	0.0379018	0.39589	-2.52595	0.0488938	0.420746	-2.37673	0.0761283	0.467811	-2.13762	0.0639567	0.448659	-2.22886
cg26218277	JARID2	0.0825557	0.110261	0.379374	-2.63592	0.922095	1.05598	1.05598	0.273086	0.529844	-1.88735	0.870529	1.09509	1.09509	0.0341136	0.252353	-3.9627
cg11902408	FGD5	0.0825564	0.245457	0.67708	-1.47693	0.0722764	1.90391	1.90391	0.327882	0.72311	-1.38292	0.0128441	2.69622	2.69622	0.12914	0.59074	-1.69279
cg26496372	WDR70	0.0825593	0.815715	0.97165	-1.02918	0.503752	1.08718	1.08718	0.158246	1.20421	1.20421	0.403095	0.899961	-1.11116	0.673274	1.05363	1.05363
cg19419993	PITPNC1;PITPNC1;PITPNC1;PITPNC1	0.0825598	0.620308	1.25688	1.25688	0.0959186	0.43294	-2.30979	0.056194	0.371566	-2.69131	0.00966104	0.223311	-4.47806	0.243175	0.571722	-1.7491
cg10618823	PLXNB2	0.0825627	0.588288	1.17927	1.17927	0.205016	1.497	1.497	0.0505236	0.510484	-1.95893	0.0821898	0.559351	-1.78779	0.223499	0.679856	-1.4709
cg06123187	TRIM11	0.0825646	0.326052	0.606802	-1.64798	0.0042893	6.56573	6.56573	0.033798	3.39064	3.39064	0.496768	1.40484	1.40484	0.927465	1.04588	1.04588
cg18676229	YWHAG	0.0825649	0.00153153	0.0805182	-12.4195	0.99597	0.997214	-1.00279	0.860933	0.907673	-1.10172	0.214936	0.486186	-2.05683	0.755956	0.841786	-1.18795
cg16066219	ACSL5;ACSL5;ACSL5;ACSL5	0.0825662	0.881222	0.960162	-1.04149	0.0224503	2.10324	2.10324	0.35466	1.2955	1.2955	0.26741	0.730423	-1.36907	0.096548	0.608922	-1.64225
cg19837112	MAD1L1;MAD1L1;MAD1L1	0.0825671	0.230451	1.26549	1.26549	0.725657	1.06816	1.06816	0.846105	0.964285	-1.03704	0.301165	0.818322	-1.22201	0.443358	1.15751	1.15751
cg09175641	HNRNPA1L2;HNRNPA1L2	0.0825693	0.0029837	0.664823	-1.50416	0.498147	0.933407	-1.07134	0.223134	1.13686	1.13686	0.298693	0.897679	-1.11398	0.742494	0.967501	-1.03359
cg13356133	RICH2	0.0825694	0.0997658	0.66284	-1.50866	0.0132726	0.496796	-2.0129	0.0324052	0.564962	-1.77003	0.246339	0.758523	-1.31835	0.100366	0.663412	-1.50736
cg18900591	SALL4	0.0825699	0.314112	0.516725	-1.93527	0.00756359	0.113134	-8.83909	0.0245024	0.182797	-5.47056	0.549573	1.46815	1.46815	0.267489	0.480651	-2.08051
cg27471464	CCDC137;C17orf90;CCDC137	0.0825705	0.0615556	0.384515	-2.60068	0.284892	1.61058	1.61058	0.748115	0.873624	-1.14466	0.356268	0.667348	-1.49847	0.0141975	0.230484	-4.33869
cg02141940	PSCA	0.0825709	0.913294	1.03737	1.03737	0.316259	0.705399	-1.41764	0.0334669	0.433061	-2.30914	0.796029	1.09117	1.09117	0.0262113	0.411361	-2.43096
cg12750917	NEK7	0.0825721	0.0815757	0.318082	-3.14385	0.0401126	0.244755	-4.08572	0.0306307	0.221544	-4.51377	0.0322915	0.225916	-4.42642	0.140641	0.390433	-2.56126
cg00216138	LOC145845	0.0825759	0.314086	0.641569	-1.55868	0.0140913	3.6395	3.6395	0.060394	2.46658	2.46658	0.0959761	0.458676	-2.18019	0.854241	0.924595	-1.08156
cg03592161	C17orf48;SCO1	0.0825768	0.890799	1.01517	1.01517	0.404135	1.09811	1.09811	0.0572206	1.266	1.266	0.0785807	0.807189	-1.23887	0.125131	1.19961	1.19961
cg16432031	DHRS3	0.0825769	0.950135	0.975044	-1.02559	0.937102	1.03241	1.03241	0.0354823	0.371837	-2.68935	0.575192	0.795482	-1.2571	0.0052839	0.226307	-4.41877
cg14151317	ABCA2;ABCA2	0.0825776	?	?	?	0.0318989	10.9893	10.9893	0.0665385	7.10822	7.10822	0.0707038	6.85646	6.85646	0.127451	4.81214	4.81214
cg21564242	PEX5L	0.0825812	0.985299	1.00133	1.00133	0.212397	1.09908	1.09908	0.950917	1.00444	1.00444	0.0104173	0.792949	-1.26112	0.346283	0.932617	-1.07225
cg04873147	KLF5	0.0825834	0.364854	1.63815	1.63815	0.00301433	8.63345	8.63345	0.534909	1.39531	1.39531	0.380635	0.620827	-1.61075	0.634119	0.775568	-1.28938
cg05935156	CAMKV	0.0825834	0.271918	1.37833	1.37833	0.0543265	0.541919	-1.8453	0.495148	1.21451	1.21451	0.109292	1.63218	1.63218	0.440503	0.801953	-1.24696
cg10521431	CNNM2;CNNM2	0.0825836	0.132379	2.47574	2.47574	0.0705368	3.09035	3.09035	0.0208231	4.72559	4.72559	0.266197	1.90933	1.90933	0.0595934	0.305177	-3.27678
cg12367274	C2orf51	0.0825844	0.914861	1.0135	1.0135	0.897929	1.01623	1.01623	0.0661792	0.772221	-1.29497	0.849324	1.02414	1.02414	0.0146203	0.685839	-1.45807
cg21725374	KIAA1875	0.082586	0.228167	0.588304	-1.6998	0.401825	1.43316	1.43316	0.00494625	0.209912	-4.7639	0.566513	0.784264	-1.27508	0.0168424	0.294302	-3.39787
cg03484160	MMP28	0.0825873	0.050479	0.759637	-1.31642	0.944609	1.00861	1.00861	0.977008	0.996452	-1.00356	0.0326686	1.36107	1.36107	0.0882979	0.792996	-1.26104
cg16038738	FAM102B	0.082588	0.0686596	0.375106	-2.66591	0.225317	0.541876	-1.84544	0.934993	0.96151	-1.04003	0.2127	0.531792	-1.88043	0.0150799	0.237612	-4.20854
cg07065217	CRIP1	0.0825889	0.0203128	5.77489	5.77489	0.114714	2.93063	2.93063	0.116634	2.91129	2.91129	0.104434	3.04207	3.04207	0.249235	2.12729	2.12729
cg12638745	SH3BGR;LCA5L	0.0825895	0.281588	0.592448	-1.68791	0.539967	1.33677	1.33677	0.436037	0.689537	-1.45025	0.132546	0.468004	-2.13673	0.0886583	0.415372	-2.40748
cg27068399	TBL2	0.0825931	0.720378	0.832652	-1.20098	0.223762	1.9179	1.9179	0.064664	2.87877	2.87877	0.692566	0.816708	-1.22443	0.719441	0.832114	-1.20176
cg11640675	SAR1A;SAR1A	0.0825957	0.375268	2.08672	2.08672	0.465677	0.548735	-1.82237	0.665826	0.703817	-1.42082	0.0024692	0.0332917	-30.0375	0.650701	0.691797	-1.44551
cg21817450	ENOX1	0.0825967	0.0160917	0.506434	-1.97459	0.0156159	0.504199	-1.98335	0.984865	0.995628	-1.00439	0.835303	0.953048	-1.04926	0.421442	0.827203	-1.20889
cg09774610	PM20D2	0.0825968	0.417663	0.854001	-1.17096	0.506995	1.13687	1.13687	0.518761	1.13275	1.13275	0.555105	0.892489	-1.12046	0.393741	0.846652	-1.18112
cg11706163	C9	0.0825969	0.239383	1.46122	1.46122	0.31141	1.38042	1.38042	0.476389	0.800189	-1.2497	0.125518	1.66594	1.66594	0.207885	0.664463	-1.50497
cg02633371	LHX1	0.0825995	0.0373068	2.50283	2.50283	0.381229	1.40621	1.40621	0.958281	0.98034	-1.02005	0.269981	1.54651	1.54651	0.0791036	0.477115	-2.09593
cg07969984	CALCR;CALCR	0.082602	0.903073	1.01434	1.01434	0.699659	0.955697	-1.04636	0.10191	1.2328	1.2328	0.552397	1.07279	1.07279	0.350409	0.893728	-1.11891
cg08290628	CORO2B	0.0826033	0.267577	2.13201	2.13201	0.101278	3.24204	3.24204	0.316689	1.97101	1.97101	0.242969	2.22762	2.22762	0.202388	2.41634	2.41634
cg07381806	MOBKL2A	0.0826048	0.494012	1.34265	1.34265	0.00349267	5.37148	5.37148	0.268928	1.62979	1.62979	0.830048	0.912847	-1.09547	0.722322	0.859531	-1.16343
cg00600661	DNAH5	0.0826106	0.307984	0.793819	-1.25973	0.705117	1.08675	1.08675	0.544179	0.874306	-1.14376	0.632172	1.1113	1.1113	0.329962	0.802536	-1.24605
cg01389942	POLR2J3;SPDYE2L;SPDYE2	0.0826118	0.0680384	0.770655	-1.2976	0.0987768	0.793936	-1.25955	0.0316364	0.725275	-1.37879	0.218543	0.847911	-1.17937	0.0475893	0.749134	-1.33487
cg03312251	ADAM8;ADAM8;ADAM8	0.082612	0.456976	0.875498	-1.14221	0.177633	0.777663	-1.2859	0.30033	0.828297	-1.2073	0.0544231	0.681768	-1.46677	0.0053752	0.525528	-1.90285
cg25470077	ICAM5	0.0826143	0.244149	0.401468	-2.49086	0.236137	2.53399	2.53399	0.0121963	10.373	10.373	0.0462169	5.53225	5.53225	0.214723	0.375978	-2.65973
cg21443261	TRIM35;PTK2B;PTK2B	0.0826156	0.883998	0.978074	-1.02242	0.382424	1.14571	1.14571	0.945129	0.989602	-1.01051	0.826079	0.967134	-1.03398	0.909887	0.982954	-1.01734
cg22898783	KIF3C	0.0826157	0.157286	0.624344	-1.60168	0.44105	1.27724	1.27724	0.480487	1.25029	1.25029	0.253706	0.689868	-1.44955	0.14524	0.614365	-1.6277
cg06782035	11-Mar	0.0826175	0.0128212	0.519201	-1.92604	0.414805	0.837978	-1.19335	0.927018	0.98076	-1.01962	0.128023	0.705458	-1.41752	0.545974	0.878463	-1.13835
cg04923366	KIAA1026	0.0826207	0.0980292	0.749864	-1.33358	0.0230462	0.649791	-1.53896	0.0185381	0.635783	-1.57286	0.963317	1.00732	1.00732	0.679249	0.936178	-1.06817
cg25505023	LOC285692	0.0826213	0.619909	0.864969	-1.15611	0.0165616	0.427745	-2.33784	0.0456254	0.514293	-1.94442	0.427633	0.79059	-1.26488	0.910755	0.967992	-1.03307
cg08954856	BIK	0.0826246	0.929987	1.01666	1.01666	0.142503	0.743551	-1.3449	0.520167	1.13036	1.13036	0.955866	1.01046	1.01046	0.699782	0.929755	-1.07555
cg12832630	ABHD5	0.0826266	0.109709	0.37814	-2.64452	0.368813	1.67328	1.67328	0.235687	1.99987	1.99987	0.214722	0.482672	-2.0718	0.955517	1.0316	1.0316
cg01936565	CTSD;HCCA2	0.082627	0.823834	1.02805	1.02805	0.218661	0.851704	-1.17412	0.723567	1.04504	1.04504	0.0122843	1.47242	1.47242	0.373095	1.12013	1.12013
cg05020409	DST;DST;DST;DST	0.0826347	0.409352	0.747825	-1.33721	0.144075	0.582483	-1.71679	0.479477	0.780695	-1.28091	0.324498	1.41964	1.41964	0.0658639	0.491281	-2.0355
cg10381888	HLA-L	0.082636	0.780858	1.25029	1.25029	0.543914	1.6356	1.6356	0.210121	2.88007	2.88007	0.110422	4.0283	4.0283	0.93088	1.07196	1.07196
cg05590451	DCUN1D3	0.0826391	0.789839	0.894195	-1.11832	0.102023	0.472717	-2.11543	0.095231	0.464196	-2.15426	0.928788	1.03813	1.03813	0.422468	1.40921	1.40921
cg21508994	ARHGEF17	0.0826393	0.288772	0.876075	-1.14145	0.00401689	1.59103	1.59103	0.197045	1.17804	1.17804	0.298907	0.878664	-1.13809	0.625089	1.06095	1.06095
cg22014661	KHDRBS2	0.0826409	0.136831	5.01704	5.01704	0.0107427	27.3448	27.3448	0.715423	0.694539	-1.4398	0.434364	0.451134	-2.21664	0.437344	0.453572	-2.20472
cg24841257	SNX7;SNX7	0.0826412	0.399668	0.698998	-1.43062	0.098748	0.471467	-2.12104	0.113293	0.48881	-2.04579	0.910523	0.954381	-1.0478	0.0240748	0.32709	-3.05726
cg24176731	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	0.0826429	0.0399976	3.22216	3.22216	0.0189203	4.05977	4.05977	0.354967	1.59848	1.59848	0.53708	1.36081	1.36081	0.819682	1.11913	1.11913
cg04945066	STK19;STK19;STK19;DOM3Z	0.082644	0.0886037	1.32523	1.32523	0.282381	1.18228	1.18228	0.32084	1.1662	1.1662	0.504305	1.10691	1.10691	0.0484665	1.40204	1.40204
cg27056129	HGS	0.0826449	0.329333	0.712133	-1.40423	0.566948	0.822698	-1.21551	0.840891	1.07013	1.07013	0.995144	0.99795	-1.00205	0.00716561	0.310104	-3.22472
cg19803081	DNMT1;DNMT1	0.0826452	0.0153461	0.222103	-4.50242	0.228429	0.53626	-1.86477	0.241754	1.82896	1.82896	0.589734	0.765865	-1.30571	0.0185369	0.236717	-4.22446
cg09881021	ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;EXOSC1;ZDHHC16;ZDHHC16;ZDHHC16	0.0826469	0.249639	1.39803	1.39803	0.608975	1.15451	1.15451	0.558693	1.17903	1.17903	0.681839	1.12164	1.12164	0.745048	1.09512	1.09512
cg16038868	MSRA;MSRA;MSRA	0.082647	0.586393	0.876239	-1.14124	0.258269	1.32801	1.32801	0.0162835	2.0269	2.0269	0.986619	1.00404	1.00404	0.0649347	0.607472	-1.64617
cg18714767	FAM18B2;FAM18B2;FAM18B2;FAM18B2	0.0826472	0.035611	39.1718	39.1718	0.857988	1.30813	1.30813	0.0756199	19.4099	19.4099	0.107513	13.9314	13.9314	0.963482	1.07107	1.07107
cg06819445	DUSP1	0.0826476	0.438577	0.846772	-1.18096	0.00866947	0.494433	-2.02252	0.0410131	1.64283	1.64283	0.998373	0.999571	-1.00043	0.7162	0.92602	-1.07989
cg22457903	L3MBTL;L3MBTL	0.0826483	0.9866	1.00305	1.00305	0.0289218	0.627305	-1.59412	0.268327	0.811604	-1.23213	0.269462	0.812038	-1.23147	0.265895	1.23355	1.23355
cg09898318	RNF144A	0.0826494	0.776276	1.19569	1.19569	0.0295835	4.987	4.987	0.0589946	3.80987	3.80987	0.928073	1.05827	1.05827	0.670479	1.30798	1.30798
cg18458353	CEACAM5	0.08265	0.194754	1.91867	1.91867	0.0218654	3.69513	3.69513	0.342982	0.628674	-1.59065	0.942759	1.0347	1.0347	0.709506	0.837129	-1.19456
cg06781788	CRYGN	0.0826503	0.282652	1.49499	1.49499	0.0125115	3.06191	3.06191	0.124509	1.82042	1.82042	0.985246	1.00668	1.00668	0.225402	0.63217	-1.58185
cg13477354	S1PR1	0.0826508	0.139665	1.7547	1.7547	0.0372333	2.35256	2.35256	0.297003	1.46596	1.46596	0.168341	1.68092	1.68092	0.0666209	2.07012	2.07012
cg09110394	LRRC16A	0.0826525	0.0545222	0.578524	-1.72854	0.463786	0.829369	-1.20574	0.499126	1.18784	1.18784	0.111906	0.647696	-1.54393	0.168267	0.691852	-1.4454
cg25722274	C3orf58;C3orf58	0.0826552	0.238287	0.730386	-1.36914	0.0061133	0.402455	-2.48475	0.0624686	0.586656	-1.70458	0.744163	0.920081	-1.08686	0.213626	0.716705	-1.39527
cg23050178	PSMA6	0.0826563	?	?	?	0.450806	1.27991	1.27991	0.217856	1.51645	1.51645	0.00369937	3.52516	3.52516	0.701791	0.883755	-1.13154
cg25024676	TNFRSF19;TNFRSF19	0.0826569	0.685199	0.942413	-1.06111	0.248431	0.838964	-1.19195	0.0158205	1.5376	1.5376	0.608258	0.927523	-1.07814	0.990138	0.998203	-1.0018
cg13976253	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.0826616	0.278298	1.15359	1.15359	0.449136	1.10269	1.10269	0.0971016	1.25958	1.25958	0.623341	1.06475	1.06475	0.156865	0.82539	-1.21155
cg14294646	FAM125B	0.082662	0.0577666	0.673617	-1.48452	0.0513018	0.664533	-1.50482	0.00654027	0.521714	-1.91676	0.116484	0.730437	-1.36904	0.301614	0.821116	-1.21786
cg26110900	ANK3	0.082662	0.0770181	2.00853	2.00853	0.04276	2.28691	2.28691	0.291809	1.47396	1.47396	0.534408	1.25004	1.25004	0.785663	0.907843	-1.10151
cg22118359	TCP11L1;TCP11L1	0.0826622	0.189629	1.78272	1.78272	0.532324	1.30109	1.30109	0.0734964	2.29413	2.29413	0.00842712	0.246592	-4.05529	0.576051	1.265	1.265
cg03464357	DIP2C	0.0826633	0.99164	0.996925	-1.00308	0.0210298	0.442283	-2.261	0.0265129	0.461621	-2.16628	0.0718761	0.554003	-1.80505	0.957927	0.984614	-1.01563
cg00362569	EVC	0.082665	0.0347718	0.213462	-4.68467	0.00723553	0.113627	-8.80073	0.0489064	0.243834	-4.10116	0.984717	0.988051	-1.01209	0.055607	0.256345	-3.90099
cg16248277	FGF8;FGF8;FGF8;FGF8	0.0826657	0.641006	0.930396	-1.07481	0.20374	0.813769	-1.22885	0.198729	0.811686	-1.232	0.297907	1.1803	1.1803	0.0330786	1.46641	1.46641
cg22438280	COG5;COG5;COG5;DUS4L	0.0826657	0.805506	0.883026	-1.13247	0.68345	1.22965	1.22965	0.0792179	2.67143	2.67143	0.301215	1.71625	1.71625	0.708987	0.827747	-1.2081
cg14539461	SLC8A2	0.0826676	0.208864	0.526384	-1.89975	0.252872	1.78339	1.78339	0.345892	1.60037	1.60037	0.298777	0.593509	-1.68489	0.233151	0.545757	-1.83232
cg07808509	ICK;ICK	0.0826684	0.489116	0.905869	-1.10391	0.107002	1.28088	1.28088	0.0203911	1.48178	1.48178	0.308853	1.15971	1.15971	0.463126	1.11079	1.11079
cg19674669	GLB1L3	0.0826697	0.13562	0.793972	-1.25949	0.238718	1.19364	1.19364	0.0237572	1.47276	1.47276	0.209993	0.827368	-1.20865	0.323076	0.863804	-1.15767
cg13379763	CCDC108	0.082671	0.915453	0.980972	-1.0194	0.0723595	1.43729	1.43729	0.245401	0.802677	-1.24583	0.655226	1.0847	1.0847	0.754986	1.05827	1.05827
cg18386131	NDUFS8	0.0826726	0.221828	0.842215	-1.18735	0.543223	1.08578	1.08578	0.00539081	1.63218	1.63218	0.528028	1.08926	1.08926	0.0185641	1.46484	1.46484
cg27162932	KDM2B;KDM2B	0.0826734	0.229873	0.495628	-2.01764	0.0285946	0.237152	-4.2167	0.0105542	0.166555	-6.00403	0.801659	0.869147	-1.15055	0.0756615	0.332296	-3.00936
cg00213729	B3GAT2	0.0826736	0.910971	0.966084	-1.03511	0.973519	1.01029	1.01029	0.635718	0.86312	-1.15859	0.593208	1.18097	1.18097	0.0137259	0.390634	-2.55994
cg21939017	ZNF624	0.0826737	0.0341984	1.694	1.694	0.988896	1.00297	1.00297	0.00399731	2.28231	2.28231	0.347548	1.22913	1.22913	0.684208	0.916472	-1.09114
cg06613666	ARID2;LOC400027	0.0826739	0.184822	0.840827	-1.18931	0.0496884	1.31785	1.31785	0.130648	1.22289	1.22289	0.667478	1.05472	1.05472	0.299331	1.14179	1.14179
cg25609480	BEND7;BEND7	0.0826739	0.603758	0.904561	-1.10551	0.469323	1.15146	1.15146	0.447458	1.15989	1.15989	0.918243	1.01986	1.01986	0.472098	0.869256	-1.15041
cg14334897	KLHL5;KLHL5	0.0826748	0.485167	0.79149	-1.26344	0.0963617	1.82557	1.82557	0.541092	1.22626	1.22626	0.439261	1.29701	1.29701	0.272646	0.686318	-1.45705
cg09536652	ATP1B4;ATP1B4	0.0826748	0.014857	2.12991	2.12991	0.65667	0.893248	-1.11951	0.330305	0.776092	-1.28851	0.178363	1.43451	1.43451	0.048938	0.567029	-1.76358
cg06272089	TBC1D21	0.0826759	0.170696	1.45094	1.45094	0.0788519	1.64527	1.64527	0.261496	1.34818	1.34818	0.324406	1.29647	1.29647	0.313562	1.30464	1.30464
cg07803482	SEPHS1	0.0826772	0.286868	0.825115	-1.21195	0.0237876	1.59838	1.59838	0.350859	1.18164	1.18164	0.352261	0.846715	-1.18103	0.268393	0.81842	-1.22187
cg13110779	LOC284688	0.0826787	0.196889	0.666719	-1.49988	0.0432009	0.501035	-1.99587	0.584968	0.848853	-1.17806	0.0795056	0.560833	-1.78306	0.0184454	2.33819	2.33819
cg26112661	MAGOH	0.0826792	0.114991	0.401039	-2.49353	0.035078	0.270096	-3.70239	0.123143	0.410481	-2.43616	0.476355	0.679723	-1.47119	0.179363	0.467497	-2.13905
cg09373734	C7orf51	0.0826849	0.498431	0.847186	-1.18038	0.00541949	2.41845	2.41845	0.0811568	1.59452	1.59452	0.181276	1.40842	1.40842	0.269229	0.757562	-1.32002
cg01056678	MAST4;MAST4	0.0826868	0.514613	0.851553	-1.17432	0.00477127	0.402095	-2.48697	0.690932	0.907394	-1.10206	0.734056	0.920423	-1.08646	0.562965	0.867438	-1.15282
cg12082615	SETDB1;SETDB1;SETDB1	0.0826882	0.4367	0.914065	-1.09401	0.72219	1.04126	1.04126	0.483053	0.922447	-1.08407	0.894522	0.98509	-1.01514	0.1288	0.830368	-1.20428
cg18180569	RNF220	0.082689	0.0122431	0.577475	-1.73168	0.530113	0.894129	-1.11841	0.229732	1.24824	1.24824	0.888925	0.975712	-1.02489	0.0678486	0.697766	-1.43314
cg03077533	INHBB	0.08269	0.0635174	2.18744	2.18744	0.207065	1.64736	1.64736	0.522043	1.27562	1.27562	0.0388203	2.45342	2.45342	0.231284	1.6017	1.6017
cg07291100	CLSTN2	0.0826919	0.043017	0.13351	-7.49006	0.274926	0.374449	-2.67059	0.860394	1.16443	1.16443	0.170247	0.282784	-3.53627	0.0464841	0.139185	-7.18467
cg10205928	DLX6AS	0.0826928	0.896654	0.909878	-1.09905	0.129086	0.303636	-3.29342	0.0724356	4.29232	4.29232	0.0783542	4.14202	4.14202	0.0261055	6.81058	6.81058
cg03727756	FAF1	0.0826931	0.404424	0.893007	-1.11981	0.132009	1.24065	1.24065	0.00403907	1.66896	1.66896	0.60184	0.932555	-1.07232	0.251808	1.1721	1.1721
cg16701523	SH3BP4	0.0826932	0.109872	0.241829	-4.13515	0.0840238	0.210732	-4.74537	0.0371797	0.139402	-7.1735	0.238892	2.73103	2.73103	0.268773	0.39135	-2.55526
cg03229767	DGKB;DGKB	0.0826967	0.205247	1.66896	1.66896	0.683217	0.854497	-1.17028	0.141229	0.54532	-1.83379	0.901954	0.953865	-1.04837	0.0313532	0.37992	-2.63213
cg09807746	SKI	0.0826982	0.993404	1.00308	1.00308	0.00543674	3.89803	3.89803	0.021971	2.77918	2.77918	0.388448	1.38926	1.38926	0.464121	0.757941	-1.31936
cg13872065	FAM20C	0.0826995	0.0564664	0.680625	-1.46924	0.33368	1.19441	1.19441	0.20105	1.27198	1.27198	0.828657	1.03937	1.03937	0.0381579	1.53436	1.53436
cg18767735	GLIS1	0.0827045	0.0414838	0.289155	-3.45836	0.0296852	0.259043	-3.86036	0.0196794	0.226044	-4.42393	0.340276	0.595305	-1.67981	0.124983	0.416246	-2.40243
cg06587962	ATP13A1	0.0827095	0.239606	0.609961	-1.63945	0.999973	1.00001	1.00001	0.0610686	0.428525	-2.33359	0.0994976	0.484404	-2.06439	0.610338	0.813571	-1.22915
cg20366633	TAP2;TAP2	0.0827102	0.0249925	0.333905	-2.99487	0.449787	0.728522	-1.37264	0.322461	0.65682	-1.52249	0.0732748	0.439788	-2.27382	0.0132382	0.282871	-3.53518

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23169957	0.284914	0.669286	-1.49413	0.795363	0.910321	-1.09851	0.0577597	2.17189	2.17189	0.195723	1.63992	1.63992	2.77783	5.74954	1.83981	1
cg12900690	0.0103295	0.428956	-2.33124	0.318046	0.763108	-1.31043	0.7292	0.912981	-1.09531	0.142333	0.661553	-1.5116	2.77783	3.01907	0.966086	1
cg16851485	0.25108	0.75878	-1.31791	0.0556383	1.64744	1.64744	0.474191	1.1824	1.1824	0.484484	0.849133	-1.17767	2.7778	2.33122	0.745983	1
cg18485114	0.00979955	0.526309	-1.90002	0.188545	1.31502	1.31502	0.97772	0.994526	-1.0055	0.128568	1.38111	1.38111	2.77777	1.69984	0.543949	1
cg06963421	0.0483204	0.760958	-1.31413	0.323341	0.883817	-1.13146	0.457089	0.912386	-1.09603	0.434221	1.10143	1.10143	2.77775	0.644899	0.20637	1
cg19957511	0.0873315	0.529374	-1.88903	0.190889	0.627072	-1.59471	0.165966	0.607859	-1.64512	0.392737	1.34317	1.34317	2.77775	4.9955	1.59857	1
cg11657203	0.360391	0.876773	-1.14055	0.382543	0.882282	-1.13342	0.665488	1.06272	1.06272	0.220999	1.19714	1.19714	2.77774	0.86051	0.275367	1
cg25544164	0.0533404	0.0648681	-15.4159	0.0144081	0.0233147	-42.8914	0.050548	0.0622243	-16.0709	0.264309	0.234567	-4.26317	2.77773	68.327	21.8651	1
cg04033706	0.421023	0.820462	-1.21883	0.87794	0.963678	-1.03769	0.00174041	2.92952	2.92952	0.816125	1.05768	1.05768	2.77768	2.54945	0.815852	1
cg25264265	0.170145	1.25576	1.25576	0.365134	0.864977	-1.1561	0.00854995	1.68703	1.68703	0.0596756	1.39274	1.39274	2.77766	1.06894	0.342076	1
cg15476875	0.608944	1.19806	1.19806	0.00666502	3.43109	3.43109	0.817831	1.08416	1.08416	0.757967	0.897404	-1.11433	2.77763	5.39561	1.72669	1
cg19134704	0.503012	1.11459	1.11459	0.0493592	0.699068	-1.43048	0.360338	1.16194	1.16194	0.861065	1.02835	1.02835	2.77759	1.12062	0.358623	1
cg15587013	0.543888	0.844882	-1.1836	0.722193	1.10291	1.10291	0.875399	1.044	1.044	0.676264	1.12212	1.12212	2.77758	3.31178	1.05985	1
cg18471929	0.0235663	2.46969	2.46969	0.232232	1.52028	1.52028	0.0123772	2.83231	2.83231	0.0562283	2.06047	2.06047	2.77758	4.91797	1.57386	1
cg14217399	0.0324784	2.46687	2.46687	0.027789	0.391383	-2.55504	0.241652	1.55593	1.55593	0.509409	0.78552	-1.27304	2.77755	5.72357	1.8317	1
cg26860507	0.0187398	0.646889	-1.54586	0.445145	1.12639	1.12639	0.823169	1.03482	1.03482	0.740015	0.950352	-1.05224	2.77754	1.0286	0.329182	1
cg00169305	0.080126	0.674565	-1.48244	0.561211	1.12652	1.12652	0.0342844	1.64997	1.64997	0.667069	1.09172	1.09172	2.77751	1.80872	0.578846	1
cg24890222	0.705251	0.801312	-1.24795	0.603992	1.35664	1.35664	0.030847	0.228114	-4.38377	0.488927	0.663791	-1.5065	2.7775	14.9468	4.78344	1
cg16140449	0.481453	1.10924	1.10924	0.0258823	0.681638	-1.46706	0.16577	1.23882	1.23882	0.0983371	1.30041	1.30041	2.77749	0.92349	0.295548	1
cg10601287	0.107611	1.36483	1.36483	0.468751	1.13948	1.13948	0.010268	1.77356	1.77356	0.334708	1.1927	1.1927	2.77747	1.38011	0.441683	1
cg11983942	0.0482021	1.8165	1.8165	0.0275141	1.99211	1.99211	0.25116	1.37297	1.37297	0.718145	1.10057	1.10057	2.77746	3.07464	0.983997	1
cg04321866	0.626982	0.879574	-1.13691	0.00361801	0.356359	-2.80616	0.131122	0.652411	-1.53278	0.211537	1.41178	1.41178	2.77745	3.01979	0.966447	1
ch.8.1993893R	0.262126	0.637557	-1.56849	0.04957	0.42213	-2.36894	0.15259	0.554447	-1.8036	0.158189	0.559475	-1.78739	2.77745	6.51836	2.08612	1
cg26218277	0.150273	0.423708	-2.36011	0.133382	0.405929	-2.46348	0.0252595	4.3994	4.3994	0.335375	0.575108	-1.7388	2.77741	13.6403	4.36548	1
cg11902408	0.470905	0.79022	-1.26547	0.407055	0.761662	-1.31292	0.460579	0.785719	-1.27272	0.39014	0.753764	-1.32668	2.7774	4.53273	1.45067	1
cg26496372	0.907881	1.01436	1.01436	0.18701	0.841734	-1.18802	0.207291	0.848896	-1.178	0.00472488	1.58783	1.58783	2.77736	0.667519	0.213638	1
cg19419993	0.870386	0.927967	-1.07762	0.155319	2.006	2.006	0.819425	0.900611	-1.11036	0.17426	0.515994	-1.93801	2.77735	9.2192	2.9506	1
cg10618823	0.189243	0.657311	-1.52135	0.0458364	1.99498	1.99498	0.800755	1.07928	1.07928	0.151771	0.629194	-1.58934	2.77731	4.00411	1.28153	1
cg06123187	0.56017	0.748094	-1.33673	0.610065	1.28838	1.28838	0.325838	1.64837	1.64837	0.969923	1.01875	1.01875	2.77729	10.6757	3.41684	1
cg18676229	0.692751	1.24532	1.24532	0.756597	0.842182	-1.18739	0.665501	1.27162	1.27162	0.548891	0.715287	-1.39804	2.77728	13.4241	4.29647	1
cg16066219	0.507838	1.20041	1.20041	0.0263942	2.04593	2.04593	0.655757	1.12974	1.12974	0.316155	0.754442	-1.32548	2.77726	3.25165	1.04072	1
cg19837112	0.00758958	1.90152	1.90152	0.0789183	1.44073	1.44073	0.100695	0.714263	-1.40005	0.54441	1.12168	1.12168	2.77725	1.54073	0.493127	1
cg09175641	0.89928	1.01277	1.01277	0.198712	0.872755	-1.1458	0.376037	0.912985	-1.09531	0.133095	0.850118	-1.17631	2.77722	0.441688	0.141368	1
cg13356133	0.307479	0.785974	-1.27231	0.0453387	0.592512	-1.68773	0.029786	0.55823	-1.79138	0.188152	0.727661	-1.37427	2.77722	2.28595	0.731653	1
cg18900591	0.189324	0.414022	-2.41533	0.170989	0.39672	-2.52067	0.595184	1.4051	1.4051	0.692427	1.28679	1.28679	2.77721	17.6921	5.66263	1
cg27471464	0.124035	0.479381	-2.08602	0.0911075	0.435481	-2.29631	?	?	?	0.0389253	0.330713	-3.02377	3.70923	8.3898	1.41367	1
cg02141940	0.8327	0.931229	-1.07385	0.793116	0.915274	-1.09257	0.00749805	0.313709	-3.18767	0.233636	0.656654	-1.52287	2.7772	4.99015	1.59718	1
cg12750917	0.321488	0.544552	-1.83637	0.55263	0.700138	-1.42829	0.157272	2.45347	2.45347	0.44972	0.633135	-1.57944	2.77718	15.4882	4.95729	1
cg00216138	0.688181	0.841988	-1.18767	0.865587	1.0749	1.0749	0.114172	2.08046	2.08046	0.555917	0.77574	-1.28909	2.77713	7.99388	2.55864	1
cg03592161	0.803994	1.02764	1.02764	0.235119	1.14618	1.14618	0.489072	0.925844	-1.0801	0.0126696	1.40456	1.40456	2.77712	0.528696	0.169223	1
cg16432031	0.226672	1.6702	1.6702	0.414965	1.40035	1.40035	0.820332	1.09628	1.09628	0.961178	0.980522	-1.01986	2.77711	7.18222	2.29886	1
cg14151317	0.168183	4.05494	4.05494	0.0197665	14.6312	14.6312	0.069519	6.92565	6.92565	0.105223	5.4054	5.4054	2.81087	35.9573	12.7922	1
cg21564242	0.0366738	0.839785	-1.19078	0.215716	1.09825	1.09825	0.362847	1.06958	1.06958	0.858896	1.01288	1.01288	2.77705	0.227535	0.0728301	1
cg04873147	0.789895	0.868003	-1.15207	0.569918	0.737578	-1.35579	0.173336	2.1554	2.1554	0.185674	2.10413	2.10413	2.77702	12.3585	3.9558	1
cg05935156	0.735288	1.09989	1.09989	0.0108774	0.407752	-2.45247	0.417869	1.26147	1.26147	0.892971	0.962935	-1.03849	2.77702	3.4623	1.10824	1
cg10521431	0.264941	1.91285	1.91285	0.924889	1.05405	1.05405	0.0793013	2.96674	2.96674	0.812476	1.14187	1.14187	2.77702	13.7067	4.38733	1
cg12367274	0.698966	1.04995	1.04995	0.03642	1.35667	1.35667	0.585884	0.933325	-1.07144	0.16079	0.828703	-1.20671	2.77701	0.691921	0.221476	1
cg21725374	0.661404	0.831233	-1.20303	0.699376	0.849805	-1.17674	0.959591	0.978974	-1.02148	0.682561	0.841589	-1.18823	2.77699	7.73675	2.47646	1
cg03484160	0.401244	1.11178	1.11178	0.0662752	1.28923	1.28923	0.258325	0.864626	-1.15657	0.999152	0.999869	-1.00013	2.77697	0.668933	0.214121	1
cg16038738	0.112225	0.435146	-2.29808	0.0121572	0.222298	-4.49847	0.0669618	0.372301	-2.686	0.188397	0.511413	-1.95537	2.77696	10.1819	3.25917	1
cg07065217	0.10864	2.99477	2.99477	0.190539	2.3842	2.3842	0.0225528	5.54103	5.54103	0.0178	6.08562	6.08562	2.77695	17.2793	5.53103	1
cg12638745	0.258404	0.575998	-1.73612	0.0768269	0.398305	-2.51064	0.00351326	0.156946	-6.37163	0.323403	0.620564	-1.61144	2.77694	9.6246	3.0808	1
cg27068399	0.0635678	0.345492	-2.89442	0.0473853	3.17651	3.17651	0.454089	1.47482	1.47482	0.0299548	3.67354	3.67354	2.77689	11.4173	3.65469	1
cg11640675	0.431309	0.522434	-1.91412	0.330819	2.25041	2.25041	0.837975	0.847462	-1.17999	0.37185	2.09836	2.09836	2.77685	28.7368	9.19884	1
cg21817450	0.278064	1.29764	1.29764	0.0386031	0.574989	-1.73916	0.371473	0.808988	-1.23611	0.674093	0.906919	-1.10263	2.77684	2.34666	0.751184	1
cg09774610	0.423921	0.855884	-1.16838	0.00654679	0.510131	-1.96028	0.0167616	0.573332	-1.74419	0.190129	0.767658	-1.30266	2.77684	1.59686	0.511169	1
cg11706163	0.0221679	0.429893	-2.32616	0.684041	0.881658	-1.13423	0.0416691	2.06034	2.06034	0.510345	1.22821	1.22821	2.77684	4.16755	1.33407	1
cg02633371	0.0160231	3.06183	3.06183	0.0757313	2.1177	2.1177	0.457936	1.33229	1.33229	0.862552	1.06799	1.06799	2.7768	6.33624	2.02831	1
cg07969984	0.100049	0.810058	-1.23448	0.00733198	0.667596	-1.49791	0.213815	1.16534	1.16534	0.756583	0.964306	-1.03701	2.77676	0.600938	0.19237	1
cg08290628	0.0764797	3.63923	3.63923	0.00873143	8.93644	8.93644	0.0135119	7.41894	7.41894	0.0918753	3.37517	3.37517	2.77675	18.897	6.0493	1
cg07381806	0.667821	0.832646	-1.20099	0.391433	0.689008	-1.45136	0.0826267	2.26026	2.26026	0.567049	0.782353	-1.2782	2.77673	7.91446	2.53359	1
cg00600661	0.401952	0.828861	-1.20648	0.120687	1.44525	1.44525	0.879032	0.967223	-1.03389	0.0032339	0.415217	-2.40838	2.77664	2.10557	0.674058	1
cg01389942	0.424932	1.10946	1.10946	0.802524	0.968561	-1.03246	0.0162988	0.687678	-1.45417	0.3316	0.88012	-1.13621	2.77663	0.714653	0.228784	1
cg03312251	0.993707	1.00139	1.00139	0.922189	0.982998	-1.0173	0.0315848	0.64247	-1.55649	0.127121	0.74857	-1.33588	2.77662	1.35481	0.433719	1
cg25470077	0.58931	0.664846	-1.50411	0.675208	0.729332	-1.37112	0.884603	1.11491	1.11491	0.291051	0.440165	-2.27188	2.77659	24.6684	7.89725	1
cg21443261	0.022182	1.51648	1.51648	0.00787437	0.595874	-1.67821	0.952149	0.990928	-1.00915	0.288476	0.845914	-1.18215	2.77657	1.01407	0.324643	1
cg22898783	0.601432	0.848616	-1.17839	0.00389133	0.297975	-3.35598	0.113542	0.584901	-1.70969	0.8995	0.961411	-1.04014	2.77657	4.26591	1.36568	1
cg06782035	0.592206	0.891671	-1.12149	0.0128365	0.519286	-1.92572	0.28242	1.26727	1.26727	0.534049	1.14288	1.14288	2.77655	1.97746	0.633066	1
cg04923366	0.614492	0.922606	-1.08389	0.069225	1.38047	1.38047	0.471005	0.890202	-1.12334	0.535856	0.905346	-1.10455	2.7765	1.10627	0.354169	1
cg25505023	0.0842987	0.574601	-1.74034	0.206843	0.6796	-1.47145	0.0765053	1.77125	1.77125	0.195992	0.672521	-1.48694	2.77649	3.7016	1.18506	1
cg08954856	0.148281	0.747153	-1.33841	0.0774451	0.691465	-1.4462	0.374651	1.18683	1.18683	0.00910463	1.86423	1.86423	2.77645	1.55365	0.497406	1
cg12832630	0.00738447	0.145849	-6.8564	0.174886	2.23609	2.23609	0.642484	1.29788	1.29788	0.859609	1.10378	1.10378	2.77642	13.6771	4.37882	1
cg01936565	0.236343	0.85732	-1.16643	0.933342	1.01043	1.01043	0.482971	1.09249	1.09249	0.0167535	1.43653	1.43653	2.77642	0.676838	0.216695	1
cg05020409	0.0668613	2.02895	2.02895	0.300541	0.691119	-1.44693	0.0444502	2.21417	2.21417	0.214406	0.63754	-1.56853	2.77631	5.2149	1.66965	1
cg10381888	0.496564	1.73831	1.73831	0.812027	1.21024	1.21024	0.00253656	28.6688	28.6688	0.0494698	6.02233	6.02233	2.77629	28.2077	9.03131	1
cg05590451	0.155251	1.89027	1.89027	0.740662	1.14919	1.14919	0.00776482	4.18372	4.18372	0.81433	1.1035	1.1035	2.77625	7.7065	2.46744	1
cg21508994	0.717897	0.957349	-1.04455	0.764731	0.964583	-1.03672	0.930112	1.01059	1.01059	0.131185	1.21628	1.21628	2.77624	0.634665	0.203205	1
cg22014661	0.461171	0.473127	-2.1136	0.712628	0.691916	-1.44526	0.760639	1.35542	1.35542	0.0240283	15.7072	15.7072	2.96961	45.5681	11.9348	1
cg24841257	0.890056	0.944172	-1.05913	0.0128884	0.27736	-3.60542	0.182318	1.80021	1.80021	0.401835	0.700202	-1.42816	2.77622	7.58539	2.42869	1
cg24176731	0.277825	1.74418	1.74418	0.0343189	3.37704	3.37704	0.0192323	4.03909	4.03909	0.0764147	2.64226	2.64226	2.77619	10.6833	3.42062	1
cg04945066	0.579095	1.08762	1.08762	0.0100586	0.614515	-1.6273	0.801341	1.03852	1.03852	0.919908	1.01519	1.01519	2.77618	0.987948	0.316325	1
cg27056129	0.045696	0.461823	-2.16533	0.0218549	0.395404	-2.52906	0.912752	1.03765	1.03765	0.216722	0.645109	-1.55013	2.77617	5.0002	1.60099	1
cg19803081	0.297497	0.58779	-1.70129	0.19057	1.98221	1.98221	0.854368	0.914007	-1.09408	0.731697	0.84493	-1.18353	2.96954	11.0227	2.88704	1
cg09881021	0.066604	0.563945	-1.77322	0.00537682	0.360349	-2.77509	0.28389	1.36347	1.36347	0.945098	1.01936	1.01936	2.77614	3.40985	1.0918	1
cg16038868	0.065752	1.64309	1.64309	0.303669	0.773983	-1.29202	0.329584	1.27375	1.27375	0.273538	1.31526	1.31526	2.77614	2.54287	0.8142	1
cg18714767	0.539913	0.394321	-2.536	0.181183	0.118978	-8.40491	0.0501276	28.4849	28.4849	0.0485992	29.3181	29.3181	2.77613	98.8774	31.6595	1
cg06819445	0.996544	0.999089	-1.00091	0.156151	1.37627	1.37627	0.328282	0.808625	-1.23667	0.556897	1.13324	1.13324	2.77613	1.94852	0.623897	1
cg22457903	0.956181	1.01	1.01	0.0195172	1.66707	1.66707	0.304575	0.824898	-1.21227	0.182844	0.774204	-1.29165	2.77612	1.44122	0.461465	1
cg09898318	0.0648421	0.272335	-3.67195	0.0555313	0.256359	-3.90077	0.869935	1.10827	1.10827	0.404854	0.585881	-1.70683	2.7761	17.3012	5.53972	1
cg18458353	0.863966	1.08488	1.08488	0.0644826	0.372783	-2.68253	0.0450731	2.98159	2.98159	0.166357	2.01601	2.01601	2.7761	9.92382	3.17755	1
cg06781788	0.461835	0.763522	-1.30972	0.025878	2.59298	2.59298	0.741409	0.88756	-1.12668	0.757553	0.894462	-1.11799	2.77609	5.70439	1.82651	1
cg13477354	0.185664	1.64294	1.64294	0.00427124	3.8667	3.8667	0.13749	1.76098	1.76098	0.253562	1.52475	1.52475	2.77608	5.50278	1.76196	1
cg09110394	0.0998333	0.63606	-1.57218	0.119946	0.65491	-1.52693	0.97894	1.00664	1.00664	0.00620963	0.408548	-2.44769	2.77606	2.76761	0.886182	1
cg25722274	0.802937	0.938381	-1.06567	0.0356061	0.536786	-1.86294	0.0831351	0.613874	-1.629	0.784043	1.07237	1.07237	2.77602	2.84446	0.910801	1
cg23050178	0.493408	1.25033	1.25033	0.0619412	1.96436	1.96436	0.74384	0.900035	-1.11107	0.981379	0.992532	-1.00752	2.80975	4.08097	1.45243	1
cg25024676	0.0207449	0.666843	-1.4996	0.275583	1.17947	1.17947	0.855772	0.973869	-1.02683	0.253044	1.18974	1.18974	2.776	0.931179	0.298168	1
cg13976253	0.321944	0.878377	-1.13846	0.00667871	0.640194	-1.56203	0.827704	1.02801	1.02801	0.698649	0.951891	-1.05054	2.77593	0.706175	0.226126	1
cg14294646	0.206138	0.782242	-1.27838	0.586385	1.10647	1.10647	0.23668	0.795861	-1.2565	0.110917	0.726261	-1.37691	2.77593	1.49105	0.477454	1
cg26110900	0.0116047	3.06232	3.06232	0.0164729	2.82749	2.82749	0.198498	1.61928	1.61928	0.450312	1.31367	1.31367	2.77593	5.53088	1.77106	1
cg22118359	0.167929	1.84325	1.84325	0.820671	1.09909	1.09909	0.201716	1.75239	1.75239	0.476251	1.35177	1.35177	2.77593	7.61267	2.43768	1
cg03464357	0.77977	0.920913	-1.08588	0.135678	1.60422	1.60422	0.380416	1.30271	1.30271	0.284537	0.72127	-1.38644	2.77591	3.79789	1.21614	1
cg00362569	0.372264	0.562773	-1.77691	0.116612	0.343018	-2.9153	0.335113	0.535905	-1.866	0.30458	0.513126	-1.94884	2.77589	17.3147	5.54449	1
cg16248277	0.940169	1.0116	1.0116	0.67283	1.06742	1.06742	0.00974442	1.65238	1.65238	0.956924	1.00833	1.00833	2.77588	1.03759	0.332256	1
cg22438280	0.639678	0.788391	-1.26841	0.0573816	0.338267	-2.95624	0.00796126	5.55947	5.55947	0.852149	0.910208	-1.09865	2.77588	11.1788	3.57967	1
cg14539461	0.612312	1.2809	1.2809	0.00537682	0.169407	-5.90294	0.118087	0.43954	-2.27511	0.530835	0.735254	-1.36007	2.77585	10.3163	3.30351	1
cg07808509	0.626071	0.933246	-1.07153	0.0525636	0.733387	-1.36354	0.115436	0.786018	-1.27224	0.78192	0.961712	-1.03981	2.77584	0.87018	0.278652	1
cg19674669	0.0700149	1.3372	1.3372	0.154681	0.80372	-1.24422	0.461023	1.11366	1.11366	0.885939	0.979622	-1.0208	2.77582	0.90459	0.289673	1
cg13379763	0.698513	1.07295	1.07295	0.00265446	2.12141	2.12141	0.670025	1.08063	1.08063	0.468854	1.14262	1.14262	2.7758	1.43883	0.460755	1
cg18386131	0.554917	1.08314	1.08314	0.579213	1.07779	1.07779	0.862736	1.02341	1.02341	0.568245	1.08019	1.08019	2.77578	0.786255	0.251783	1
cg27162932	0.165438	0.43855	-2.28024	0.0308816	0.243587	-4.10531	0.901125	0.93309	-1.07171	0.960602	0.972852	-1.02791	2.77577	13.6478	4.37045	1
cg00213729	0.297715	1.39517	1.39517	0.947609	0.979932	-1.02048	0.0281995	2.22426	2.22426	0.0803937	1.81899	1.81899	2.77577	4.18354	1.3397	1
cg21939017	0.461114	1.17356	1.17356	0.161323	1.37585	1.37585	0.529081	0.872832	-1.1457	0.688992	1.0896	1.0896	2.77577	2.00017	0.640517	1
cg06613666	0.425621	1.10549	1.10549	0.407448	0.900813	-1.11011	0.104291	1.24471	1.24471	0.0115924	1.47558	1.47558	2.77576	0.668037	0.213927	1
cg25609480	0.195416	1.29995	1.29995	0.00461593	0.485736	-2.05873	0.970065	0.992837	-1.00721	0.0729405	0.681691	-1.46694	2.77576	1.61335	0.516647	1
cg14334897	0.0473388	0.473292	-2.11286	0.38049	1.34524	1.34524	0.0128016	0.360831	-2.77138	0.755315	0.902072	-1.10856	2.77575	4.77804	1.53009	1
cg09536652	0.779512	0.93163	-1.07339	0.819046	0.943818	-1.05953	0.187991	1.42196	1.42196	0.208156	0.715443	-1.39774	2.77575	2.79913	0.896378	1
cg06272089	0.0100467	2.29095	2.29095	0.119039	1.53979	1.53979	0.0902768	0.621094	-1.61006	0.977247	0.99275	-1.0073	2.77573	2.86162	0.916393	1
cg07803482	0.0155559	0.597068	-1.67485	0.409928	0.863743	-1.15775	0.705996	0.936247	-1.06809	0.318587	0.835956	-1.19623	2.77572	1.32825	0.425357	1
cg13110779	0.773604	1.08948	1.08948	0.589035	1.17593	1.17593	0.524345	1.21132	1.21132	0.372588	1.31258	1.31258	2.7757	3.88121	1.24292	1
cg26112661	0.106846	0.391194	-2.55628	0.00552445	0.143106	-6.98783	0.0667534	0.33427	-2.99159	0.185994	0.473525	-2.11182	2.77569	12.4945	4.00124	1
cg09373734	0.476945	1.19066	1.19066	0.27167	1.31801	1.31801	0.13826	1.46977	1.46977	0.950038	1.01524	1.01524	2.77561	2.55971	0.819747	1
cg01056678	0.428598	1.21715	1.21715	0.0461689	1.74287	1.74287	0.535655	1.16477	1.16477	0.88141	0.964351	-1.03697	2.77558	2.59935	0.832449	1
cg12082615	0.147929	0.8388	-1.19218	0.52528	0.929698	-1.07562	0.525549	0.929743	-1.07557	0.00468753	1.5306	1.5306	2.77556	0.563733	0.180538	1
cg18180569	0.125563	0.747006	-1.33868	0.491641	1.13077	1.13077	0.91842	1.01819	1.01819	0.124138	1.3404	1.3404	2.77555	1.36087	0.435827	1
cg03077533	0.132224	1.83952	1.83952	0.00608532	3.83288	3.83288	0.0415232	2.41522	2.41522	0.359507	1.42397	1.42397	2.77554	6.18698	1.98143	1
cg07291100	0.0862875	0.194208	-5.14911	0.0256716	0.10108	-9.89316	0.0230634	0.0953682	-10.4857	0.0856817	0.193468	-5.16882	2.77551	32.8724	10.5278	1
cg10205928	0.18526	2.77592	2.77592	0.256242	2.36617	2.36617	0.0363742	5.85924	5.85924	0.656457	1.38453	1.38453	2.7755	23.2178	7.43581	1
cg03727756	0.918226	0.98647	-1.01372	0.406171	0.8934	-1.11932	0.683051	0.947002	-1.05596	0.20698	1.19307	1.19307	2.77549	0.773424	0.247699	1
cg16701523	0.281795	2.48696	2.48696	0.341438	2.22209	2.22209	0.139135	3.65683	3.65683	0.214974	0.345355	-2.89558	2.77549	29.163	9.33983	1
cg03229767	0.0828341	2.08779	2.08779	0.742826	0.881452	-1.13449	0.383678	1.40824	1.40824	0.0322461	0.382478	-2.61453	2.77544	6.45627	2.06774	1
cg09807746	0.78428	1.10746	1.10746	0.367948	0.708943	-1.41055	0.623743	1.2019	1.2019	0.505667	1.28557	1.28557	2.77542	6.08141	1.9477	1
cg13872065	0.635033	1.08892	1.08892	0.961397	1.00866	1.00866	0.53815	0.894893	-1.11745	0.0147342	1.70707	1.70707	2.77541	1.39523	0.446855	1
cg18767735	0.949133	0.966889	-1.03424	0.0268235	0.250521	-3.99168	0.106264	0.394178	-2.53693	0.175201	0.467245	-2.1402	2.77534	12.2433	3.9213	1
cg06587962	0.0581583	0.423335	-2.3622	0.0042162	0.214753	-4.65652	0.839111	1.08503	1.08503	0.494932	0.757132	-1.32077	2.77527	7.08392	2.2689	1
cg20366633	0.0649016	0.426322	-2.34564	0.0368466	0.368903	-2.71074	0.10308	0.480282	-2.08211	0.16346	0.542441	-1.84352	2.77526	7.43469	2.38126	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)
cg13163770	GSTZ1;GSTZ1;GSTZ1	0.0827109	0.0626874	0.364271	-2.74521	0.154402	0.479511
cg26169421	TEKT4	0.082711	0.703124	1.09654	1.09654	0.206292	0.725536
cg25657752	SAMD14	0.0827134	0.682417	1.20146	1.20146	0.00452431	5.40727
cg08921682	TBL1Y;TBL1Y;TBL1Y	0.0827138	0.110043	0.150402	-6.64883	0.0631959	10.2112
cg26334166	COL20A1	0.0827154	0.520548	0.861898	-1.16023	0.0319864	0.563602
cg27443867	RASGEF1A	0.0827173	0.466382	1.42795	1.42795	0.829677	1.10909
cg03536488	NCLN	0.08272	0.114725	0.618989	-1.61554	0.349342	0.763836
cg18062778	PTPRS;PTPRS;PTPRS;PTPRS	0.0827215	0.118304	0.807572	-1.23828	0.174222	0.83346
cg04474990	FAM198A	0.0827223	0.033429	0.457858	-2.18408	0.0766199	0.53845
cg24127869	CBR3	0.0827227	0.0671814	0.538039	-1.8586	0.0514582	1.95404
cg07485916	RHCG	0.082723	0.0443816	7.00343	7.00343	0.0216547	10.2178
cg03538436	NOS1;NOS1	0.0827262	0.0471828	0.572426	-1.74695	0.389284	0.805154
cg19139343	EPHA6	0.0827269	0.322934	0.554311	-1.80404	0.00782604	7.18933
cg14536239	MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1	0.082728	0.245459	0.822553	-1.21573	0.598781	1.08913
cg18345219	HYI	0.082729	0.65335	1.08978	1.08978	0.516395	1.1333
cg09530763	RNF26	0.0827313	0.283693	1.30693	1.30693	0.393677	1.23366
cg16690885	ATP11A;ATP11A	0.082732	0.120079	0.522644	-1.91335	0.0267574	0.364297
cg03119599	FARS2	0.0827439	0.224014	1.21375	1.21375	0.804767	0.963139
cg01098237	SNX32;SNX32	0.0827479	0.085747	0.365639	-2.73493	0.281986	0.553033
cg18434588	MSH3	0.082748	0.106318	0.346264	-2.88797	0.593197	0.723062
cg01258050	KNDC1	0.0827489	0.103194	0.240919	-4.15078	0.211041	0.349163
cg25312122	PEA15	0.0827498	0.85523	1.07101	1.07101	0.00822759	3.55978
cg15971010	SLC47A1	0.0827504	0.296762	2.19288	2.19288	0.0193048	7.79847
cg23059355	C20orf151	0.0827518	0.358027	0.753786	-1.32664	0.6755	0.881707
cg07748540	PDGFD;PDGFD	0.0827532	0.0515242	2.21514	2.21514	0.00821728	3.36439
cg25792439	CARD14;CARD14	0.0827532	0.129954	2.12666	2.12666	0.221106	1.81001
cg19243252	AMZ1	0.0827558	0.359107	1.21853	1.21853	0.54527	0.879581
cg13155295	HLA-C	0.0827568	0.232271	2.46445	2.46445	0.168148	2.8792
cg14653043	HDAC4	0.0827578	0.892477	1.02127	1.02127	0.357031	0.862942
cg03155112	TNS3	0.0827583	0.0358562	0.13355	-7.48785	0.166982	0.296762
cg16424683	N4BP3	0.0827615	0.575351	0.888448	-1.12556	0.297345	0.79789
cg03865667	PCDH17	0.0827617	0.153496	1.2037	1.2037	0.369819	1.11821
cg26982104	FTO	0.0827623	0.263693	0.529869	-1.88726	0.00728747	0.151603
cg17547928	PCGF3	0.0827626	0.454109	0.875577	-1.1421	0.538953	1.11449
cg20496311	PRPF8	0.0827649	0.0983513	0.671546	-1.4891	0.441524	0.841664
cg25306432	LZTS1	0.0827659	0.249222	1.53004	1.53004	0.00303792	4.19597
cg26947766	KCNIP1	0.0827661	0.8974	1.0638	1.0638	0.0651828	2.69819
cg20101398	HS3ST5	0.0827684	0.338182	1.70701	1.70701	0.381308	0.614868
cg15817224	TXNDC16;TXNDC16	0.082769	0.167141	0.63026	-1.58665	0.026193	0.43745
cg20952532	MPHOSPH8	0.0827697	0.351432	1.25222	1.25222	0.125205	1.47584
cg04091454	DTWD2	0.0827745	0.170693	0.596498	-1.67645	0.120235	0.550501
cg22669260	DCLK2;DCLK2	0.082776	0.843902	0.960169	-1.04148	0.0975712	1.45471
cg13742182	FAT4	0.0827761	0.646301	0.934902	-1.06963	0.272121	1.1812
cg18489009	OPA3;OPA3	0.0827782	0.416254	1.83033	1.83033	0.00522009	14.6028
cg04975376	ATXN1;ATXN1	0.0827788	0.291618	0.863136	-1.15857	0.189534	1.20553
cg00090764	MORN1	0.0827794	0.0523334	0.365514	-2.73587	0.312473	0.620942
cg11786013	MAP7D1	0.0827797	0.22491	0.759513	-1.31663	0.957825	1.01148
cg10792923	UBE2D3;CISD2;UBE2D3	0.0827807	0.0313597	0.146712	-6.81609	0.0884856	0.239685
cg04061839	TMEM132A;TMEM132A;TMEM132A;TMEM132A	0.0827817	0.207658	0.576764	-1.73381	0.239577	0.600442
cg02192678	DLGAP2	0.0827822	0.970517	0.990322	-1.00977	0.0682564	0.584364
cg23688465	NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2	0.0827854	0.0232973	0.372298	-2.68602	0.00516028	0.260301
cg26529851	SLC7A5	0.0827866	0.371833	0.722381	-1.38431	0.161294	0.588262
cg10594414	HDAC4	0.0827869	0.0615476	0.584339	-1.71134	0.627823	1.13273
cg03851956	OR4C3	0.0827882	0.0185429	0.190463	-5.25036	0.0231287	0.206536
cg15833099	GPR39;LYPD1;LYPD1	0.0827891	0.0287367	2.48398	2.48398	0.0441785	2.26014
cg01749213	CCDC108;CCDC108	0.0827899	0.273004	0.465765	-2.14701	0.0285202	0.177128
cg08835403	SPNS2	0.0827947	0.739083	0.936971	-1.06727	0.012543	1.83083
cg13513864	REM1	0.0827949	0.386654	0.770877	-1.29722	0.318675	0.738894
cg21948605	RPS5	0.0827959	0.0114445	0.650045	-1.53836	0.617568	1.07092
cg02723688	RXRB	0.0827988	0.0977825	1.63771	1.63771	0.150216	0.657808
cg16556145	CLDN10;CLDN10;CLDN10	0.0828014	0.0675124	46.6996	46.6996	0.0784072	39.1967
cg06778266	FMN1	0.0828031	0.204039	1.77732	1.77732	0.00406213	5.23319
cg00364611	KCNK13	0.0828085	0.2634	0.743832	-1.34439	0.266606	0.745429
cg03810913	LOC283050;LOC283050;LOC283050;ZMIZ1	0.0828089	0.103044	0.816146	-1.22527	0.607559	0.942697
cg02879798	ADCY4	0.0828099	0.0767142	2.31847	2.31847	0.616728	1.24053
cg08217285	GIT1;GIT1	0.0828108	0.0562917	0.316201	-3.16255	0.379448	1.61655
cg14934141	NCAPD3	0.0828113	0.911192	0.968576	-1.03244	0.00649172	0.363333
cg26300500	SBF1	0.0828116	0.525144	1.31038	1.31038	0.00577208	4.56519
cg08612138	HDAC4	0.082812	0.379122	0.618834	-1.61594	0.152793	0.442881
cg21907663	EVI5	0.0828143	0.337289	1.26413	1.26413	0.431927	0.826929
cg05095110	HES4;HES4	0.082817	0.702174	0.943634	-1.05973	0.0135562	1.58618
cg02690368	CTBP2;CTBP2;CTBP2	0.0828175	0.0764579	0.443144	-2.2566	0.58409	0.795893
cg00602234	TAPBP;TAPBP;ZBTB22;ZBTB22;TAPBP	0.0828184	0.0219925	0.537274	-1.86125	0.39259	1.21901
cg01160394	FLJ44817	0.0828209	0.298803	0.611677	-1.63485	0.00507261	5.42506
cg27585120	SLC12A7	0.0828222	0.0760122	0.691492	-1.44615	0.0195314	0.590183
cg21521989	PTPRN2;PTPRN2;PTPRN2	0.0828224	0.0323515	0.285355	-3.50441	0.156564	0.468413
cg09054528	FAM38A	0.0828255	0.279916	1.60936	1.60936	0.446244	0.719715
cg02990507	SNORD113-9	0.0828272	0.743818	0.932971	-1.07184	0.132881	0.709597
cg01745629	UBE2CBP	0.0828314	0.638711	0.891671	-1.12149	0.0191493	0.502912
cg16421340	B4GALNT1	0.0828324	0.134917	0.676403	-1.47841	0.0714394	0.613631
cg13249870	SCRIB;SCRIB	0.0828333	0.647729	0.899517	-1.11171	0.18423	1.38297
cg03995122	HCG4P6	0.0828343	0.0370958	119.129	119.129	0.698261	2.15834
cg24893378	PART1	0.0828351	0.151595	1.8811	1.8811	0.634435	0.821189
cg16469099	TRIM68;TRIM68	0.0828356	0.531061	1.51325	1.51325	0.187311	2.50637
cg01657422	WWOX	0.0828368	0.124733	0.717864	-1.39302	0.177487	0.751384
cg22341273	HEATR7A;HEATR7A;HEATR7A	0.0828373	0.311249	0.504912	-1.98054	0.413373	0.579566
cg08804258	LMCD1	0.082838	0.582213	1.16919	1.16919	0.412801	1.26561
cg02283811	LOC143666;PHRF1	0.0828383	0.588497	0.945705	-1.05741	0.0312288	1.29477
cg11749828	SCN1B;HPN;HPN	0.0828396	0.210338	2.43266	2.43266	0.834262	1.15155
cg16012294	MAD1L1;MAD1L1;MAD1L1	0.0828417	0.74307	0.87661	-1.14076	0.00692053	0.246752
cg20817175	MASP2;MASP2	0.0828428	0.22095	0.780516	-1.2812	0.816664	0.956262
cg27414481	PRKCDBP	0.0828447	0.0488229	0.401488	-2.49073	0.0669447	2.30021
cg18757087	CPEB4	0.0828448	0.227166	1.61263	1.61263	0.512853	1.28421
cg21208682	EIF2C2;EIF2C2	0.0828463	0.0187893	0.245691	-4.07015	0.0664147	2.75944
cg00123057	MKRN1	0.0828503	0.966892	1.00533	1.00533	0.0138642	1.47635
cg09027436	COG2;COG2	0.082851	0.107684	0.353956	-2.82521	0.311612	0.538325
cg12550767	SH3GLB1	0.0828511	0.991774	0.995634	-1.00439	0.716693	0.856693
cg06784539	TMEM213;ATP6V0A4;ATP6V0A4	0.0828557	0.028344	3.55324	3.55324	0.13449	2.20445
cg17876514	NDUFA13	0.0828562	0.852701	1.02731	1.02731	0.0108391	1.59026
cg04049033	RILP	0.0828567	0.816294	0.874567	-1.14342	0.0240347	4.71236
cg13854495	DOLPP1;DOLPP1	0.0828568	0.0370966	0.294383	-3.39694	0.605166	0.768371
cg00579409	PRPF38A;ORC1L	0.0828571	0.0298902	0.58514	-1.70899	0.844035	1.04218
cg07688262	NOTCH1	0.0828573	0.130934	0.748479	-1.33604	0.467862	0.87703
cg00813162	ACTN1;ACTN1;ACTN1	0.0828588	?	?	?	0.811239	0.84509
cg09461728	C19orf40;CCDC123	0.0828595	0.107148	0.30442	-3.28493	0.0451918	4.73014
cg03821916	BCAS3;BCAS3;BCAS3;BCAS3	0.0828638	0.431302	1.34423	1.34423	0.799561	1.09824
cg06160221	C16orf55	0.0828641	0.553781	0.888141	-1.12595	0.0159463	0.557392
cg01915283	SNORD83A;SNORD83B;RPL3;RPL3	0.0828684	0.567472	1.26665	1.26665	0.627178	1.22163
cg00193859	PARP12	0.0828693	0.671726	0.912977	-1.09532	0.886292	1.03103
cg05688084	MRTO4;KIAA0090	0.0828712	0.422818	1.39752	1.39752	0.923962	0.961725
cg15610792	C9orf114	0.0828741	0.575006	1.10239	1.10239	0.109259	1.35053
cg26074575	FNDC3B;FNDC3B	0.0828744	0.65621	0.848279	-1.17886	0.0113541	0.312222
cg23807196	PSMD9	0.0828766	0.386529	1.33579	1.33579	0.25694	1.47097
cg13672379	COL4A2	0.082877	0.120301	0.582965	-1.71537	0.0195006	0.404894
cg02493205	ABI3BP	0.0828781	0.0265615	0.318138	-3.14329	0.0355017	0.344249
cg20383007	ZBTB38	0.0828804	0.0274901	0.54252	-1.84325	0.0293859	0.54785
cg23826582	LTB;LTB	0.0828805	0.481907	1.08235	1.08235	0.518067	0.930023
cg04282497	RASGEF1B	0.0828815	0.868984	1.03038	1.03038	0.0399505	0.650223
cg13409248	ENTPD3	0.0828829	0.16925	0.398811	-2.50745	0.119935	2.88348
cg00421645	HMGCS1;HMGCS1	0.0828857	0.316294	0.750559	-1.33234	0.725178	1.10269
cg16708981	ZNF677	0.0828859	0.674772	1.143	1.143	0.0384808	0.467965
cg14464639	NTM	0.0828859	0.12663	0.736425	-1.35791	0.299703	0.820641
cg15236035	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0828863	0.477852	0.854	-1.17096	0.303996	1.26217
cg27392775	ADIPOR1;ADIPOR1	0.0828878	0.132067	0.443608	-2.25424	0.35273	1.61316
cg20256059	FRMD6	0.0828906	0.917526	1.03504	1.03504	0.251631	0.671508
cg14208875	FBXL20	0.082892	0.465122	0.671955	-1.4882	0.787908	0.865707
cg08613350	MIR548F5	0.0828927	0.0682228	0.630011	-1.58727	0.0482844	0.600116
cg04301623	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;C19orf70;HSD11B1L;HSD11B1L;HSD11B1L;HSD11B	0.0828928	0.0569333	0.386618	-2.58653	0.437819	0.709335
cg06536614	MIR886	0.0828948	0.124891	2.37651	2.37651	0.100566	2.55314
cg04863758	MAEA;MAEA	0.0828968	0.260591	0.460322	-2.17239	0.0819694	0.279626
cg19746343	TOMM20	0.082897	0.0164811	0.167031	-5.98693	0.343527	0.55103
cg13461622	RUNX3;RUNX3	0.0828997	0.839648	0.955665	-1.04639	0.275033	0.775543
cg08715207	EIF1AY	0.0829	0.0888424	0.451321	-2.21572	0.419507	1.41856

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03709474	TMEM187	0.0829006	0.036534	0.275916	-3.6243	0.0295869	0.257351	-3.88574	0.0385587	0.280864	-3.56044	0.239305	0.520489	-1.92127	0.0211445	0.230155	-4.3449
cg08154698	LASS4	0.0829008	0.0763072	0.618581	-1.6166	0.266137	1.32607	1.32607	0.600931	1.13718	1.13718	0.353093	0.792368	-1.26204	0.912827	1.02703	1.02703
cg24636332	SPNS2	0.0829026	0.516193	0.641562	-1.5587	0.678561	0.755299	-1.32398	0.964864	0.970796	-1.03008	0.161624	2.76188	2.76188	0.159742	0.36016	-2.77654
cg15009198	CNNM4	0.0829039	0.342533	0.659285	-1.5168	0.210891	1.75343	1.75343	0.0426466	2.70264	2.70264	0.311016	1.56288	1.56288	0.283611	0.622154	-1.60732
cg12491094	C11orf48;METTL12	0.0829048	0.634547	1.04795	1.04795	0.14504	0.858072	-1.1654	0.268276	0.893349	-1.11938	0.112045	0.844308	-1.1844	0.306367	1.10913	1.10913
cg07212702	ARID1B;ARID1B;ARID1B	0.0829076	0.545276	1.42371	1.42371	0.789166	1.16726	1.16726	0.572378	0.719488	-1.38988	0.127544	2.58801	2.58801	0.466249	1.534	1.534
cg11491407	CACNA2D4	0.0829076	0.103927	2.2394	2.2394	0.470669	0.716946	-1.39481	0.958904	1.02364	1.02364	0.783529	1.133	1.133	0.118788	2.15489	2.15489
cg16203659	MKL1	0.0829077	0.0416264	0.420638	-2.37734	0.53414	1.26129	1.26129	0.316729	0.682769	-1.46462	0.13688	0.553903	-1.80537	0.15696	0.572303	-1.74733
cg06201219	ITIH5;ITIH5	0.0829079	0.117637	0.495252	-2.01917	0.434041	0.718872	-1.39107	0.0138919	0.28457	-3.51408	0.38467	0.691733	-1.44564	0.0157885	0.294372	-3.39706
cg08917718	PCBP4	0.0829088	0.202433	0.760186	-1.31547	0.445854	1.17155	1.17155	0.661119	1.09404	1.09404	0.701766	0.9246	-1.08155	0.0319013	0.599109	-1.66915
cg01806261	IMMP2L	0.0829111	0.541611	0.625585	-1.5985	0.00216497	0.0380945	-26.2505	0.0939934	0.247121	-4.04661	0.760122	0.792567	-1.26172	0.282015	0.427966	-2.33663
cg23555120	NUAK1	0.082915	0.0720714	0.545927	-1.83175	0.342389	0.744595	-1.34301	0.382342	0.763306	-1.31009	0.495374	0.811631	-1.23209	0.020808	0.432223	-2.31362
cg00960700	TBCD	0.0829164	0.335364	0.333886	-2.99504	0.283832	0.292453	-3.41936	0.135878	5.8977	5.8977	0.605297	0.562339	-1.77829	0.0347958	0.0660937	-15.13
cg12172478	RFTN1	0.0829173	0.67033	0.867037	-1.15335	0.521225	0.805226	-1.24189	0.35397	0.727789	-1.37402	0.00818414	0.323866	-3.0877	0.00747218	0.317423	-3.15037
cg03974499	MTA3	0.0829184	0.289054	0.822745	-1.21544	0.0350762	0.647071	-1.54542	0.667818	0.926317	-1.07954	0.354548	0.844631	-1.18395	0.70484	0.934757	-1.0698
cg18344769	COL8A1;MIR548G;COL8A1	0.0829232	0.874988	0.955684	-1.04637	0.0215407	0.451692	-2.2139	0.181251	0.664565	-1.50474	0.204017	1.47099	1.47099	0.454179	1.24545	1.24545
cg13690691	CASC1;CASC1;LYRM5;CASC1	0.082927	0.654239	0.831913	-1.20205	0.233613	0.600639	-1.66489	0.582143	0.797035	-1.25465	0.232845	1.66642	1.66642	0.416104	1.40393	1.40393
cg21949274	RAD17;RAD17;TAF9;RAD17;TAF9;RAD17;RAD17;RAD17;RAD17;TAF9;RAD17;TAF9	0.0829325	0.868312	0.963668	-1.0377	0.530235	0.867794	-1.15235	0.874023	1.03602	1.03602	0.494314	1.16741	1.16741	0.364505	1.23099	1.23099
cg15691325	CYBRD1;CYBRD1	0.0829351	0.0196912	0.186497	-5.36201	0.192166	0.439143	-2.27716	0.460371	0.638881	-1.56524	0.144224	0.39255	-2.54745	0.0161044	0.172832	-5.78597
cg13545212	SLC13A5;SLC13A5	0.0829382	0.0427253	23.4423	23.4423	0.054754	19.0342	19.0342	0.0960585	11.8416	11.8416	0.0736555	14.8304	14.8304	0.0493439	20.7719	20.7719
cg24693695	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.0829383	0.990003	1.00239	1.00239	0.0330436	0.622129	-1.60738	0.193182	1.40414	1.40414	0.493697	0.876034	-1.14151	0.73873	1.06581	1.06581
cg25426177	MAPKSP1;MAPKSP1	0.0829393	0.460038	0.900759	-1.11018	0.808119	0.966757	-1.03439	?	?	?	0.126782	1.25796	1.25796	0.0816744	1.30749	1.30749
cg26643937	PANK2;PANK2;PANK2	0.0829399	0.451668	0.77432	-1.29146	0.0784285	0.520976	-1.91947	0.0967747	0.544405	-1.83687	0.410161	0.755078	-1.32437	0.360109	0.730646	-1.36865
cg05798637	ZBTB11;LOC100009676	0.0829413	0.166876	1.42929	1.42929	0.0822438	1.59456	1.59456	0.0221662	1.95071	1.95071	0.301464	0.771461	-1.29624	0.0974569	0.643546	-1.55389
cg10155537	OR14C36	0.0829414	0.0565195	0.214306	-4.66622	0.19798	2.63999	2.63999	0.0455478	0.194631	-5.13793	0.846357	0.870742	-1.14845	0.0706311	0.236594	-4.22664
cg25427625	KIAA1908;KIAA1908;KIAA1908	0.0829421	0.090688	0.261459	-3.82469	0.11907	0.295962	-3.37882	0.647685	0.718101	-1.39256	0.480687	0.596951	-1.67518	0.0411172	0.183409	-5.4523
cg18765637	NCRNA00207;NCRNA00207;NCRNA00207	0.0829433	0.128136	0.703088	-1.4223	0.487621	1.16304	1.16304	0.723459	0.926731	-1.07906	0.826838	1.04804	1.04804	0.00216418	0.397738	-2.51422
cg27358154	ADAMTS14;ADAMTS14	0.0829445	0.151087	0.272155	-3.67437	0.0125555	0.0723737	-13.8172	0.601669	0.640512	-1.56125	0.438275	0.512352	-1.95178	0.215061	0.331591	-3.01576
cg11916630	ZBTB9	0.0829462	0.175951	1.33967	1.33967	0.0650226	0.65636	-1.52356	0.355541	1.22362	1.22362	0.102761	1.43733	1.43733	0.0260263	1.71062	1.71062
cg12343363	C13orf39	0.0829462	0.785305	1.21804	1.21804	0.0218587	7.29968	7.29968	0.0397162	5.57237	5.57237	0.661869	1.37422	1.37422	0.0613455	4.5848	4.5848
cg03752330	ZNF180	0.0829469	0.821579	1.02471	1.02471	0.524258	1.07221	1.07221	0.999798	1.00003	1.00003	0.0101506	1.41954	1.41954	0.853646	0.980246	-1.02015
cg17934743	C17orf59	0.0829481	0.154356	0.590171	-1.69442	0.30084	0.69018	-1.4489	0.198402	0.624925	-1.60019	0.0661156	0.490168	-2.04012	0.421189	0.752604	-1.32872
cg00273220	TTC38	0.0829511	0.372663	0.770312	-1.29817	0.148194	0.642584	-1.55622	0.0090319	0.388177	-2.57614	0.10784	1.6492	1.6492	0.889922	0.961285	-1.04027
cg15873301	SYN2;SYN2	0.0829518	0.0557072	0.256228	-3.90278	0.169175	0.398515	-2.50932	0.223076	2.23472	2.23472	0.515139	0.660647	-1.51367	0.33924	0.538647	-1.8565
cg21746711	BAP1	0.0829523	0.021381	0.234576	-4.263	0.165303	0.460235	-2.1728	0.920395	0.948934	-1.05381	0.0543885	0.318354	-3.14116	0.00527048	0.145296	-6.88252
cg11895835	C5orf13;C5orf13;C5orf13;C5orf13;C5orf13;C5orf13;C5orf13;C5orf13;C5orf13;C5orf13;C5orf13	0.0829525	0.0770554	0.354271	-2.8227	0.990166	1.00653	1.00653	0.413196	1.55515	1.55515	0.659746	0.791474	-1.26347	0.0459048	0.298869	-3.34595
cg09977361	TRIM29;TRIM29	0.0829556	0.0108073	3.84638	3.84638	0.218326	1.72431	1.72431	0.691756	0.845626	-1.18256	0.636235	0.818346	-1.22198	0.313886	0.645159	-1.55001
cg10502904	MGMT	0.0829568	0.612401	0.865584	-1.15529	0.43723	0.799391	-1.25095	0.881247	1.04314	1.04314	0.181865	1.49238	1.49238	0.371612	0.771681	-1.29587
cg07825483	FGGY;FGGY	0.0829586	0.298598	0.67577	-1.47979	0.0928192	1.95947	1.95947	0.841684	0.929838	-1.07546	0.154851	0.574746	-1.7399	0.00925942	0.300808	-3.32438
cg02701825	SLC16A5	0.0829592	0.01839	6.11491	6.11491	0.0331829	4.83628	4.83628	0.131159	2.80586	2.80586	0.170669	2.51823	2.51823	0.96193	1.03068	1.03068
cg08897044	MAST1	0.0829592	0.0395904	0.536176	-1.86506	0.455634	1.22018	1.22018	0.465587	1.21467	1.21467	0.515705	1.18839	1.18839	0.0183238	0.472504	-2.11638
cg02401978	ZNF746;ZNF746	0.0829621	0.858237	0.910536	-1.09825	0.292809	1.77195	1.77195	0.980949	1.01259	1.01259	0.717315	0.82647	-1.20996	0.00500906	0.142768	-7.00437
cg09693464	LOC285954;LOC285954	0.0829623	0.550177	1.11563	1.11563	0.877916	1.02821	1.02821	0.226724	0.794754	-1.25825	0.673955	1.0796	1.0796	0.922938	0.98264	-1.01767
cg19047283	TRIM26	0.0829682	0.0272058	0.297122	-3.36562	0.195768	0.529821	-1.88743	0.900927	0.943815	-1.05953	0.406236	0.67402	-1.48364	0.00639327	0.192546	-5.19355
cg05119799	DDHD1;DDHD1;DDHD1	0.0829685	0.465969	0.795596	-1.25692	0.516903	0.816662	-1.2245	0.0752298	1.84139	1.84139	0.187783	1.53757	1.53757	0.0163908	0.404888	-2.46982
cg05314096	RNF152	0.0829686	0.68423	1.3259	1.3259	0.00900292	9.8862	9.8862	0.0138828	8.14307	8.14307	0.845642	0.87418	-1.14393	0.535672	0.648742	-1.54145
cg20113732	NELL1;NELL1;NELL1;NELL1	0.0829695	0.324787	0.843256	-1.18588	0.346225	1.17661	1.17661	0.124783	1.3213	1.3213	0.721965	0.941854	-1.06174	0.508272	1.1191	1.1191
cg26413174	TTC22;TTC22	0.0829704	0.032286	8.42126	8.42126	0.164271	3.53008	3.53008	0.101265	4.59572	4.59572	0.154827	3.64792	3.64792	0.166361	3.50534	3.50534
cg07458624	PCSK2	0.0829706	0.930318	0.984142	-1.01611	0.173152	1.30334	1.30334	0.855826	1.0338	1.0338	0.00468143	1.9881	1.9881	0.292339	0.81899	-1.22102
cg04000234	MACF1	0.0829709	0.040533	0.329891	-3.0313	0.396358	0.665509	-1.50261	0.209078	0.537534	-1.86035	0.947577	1.03131	1.03131	0.0458501	0.341947	-2.92443
cg17154313	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0829719	0.246135	0.863323	-1.15832	0.648204	0.945861	-1.05724	0.798487	1.03148	1.03148	0.693696	0.95317	-1.04913	0.491181	0.918764	-1.08842
cg04898512	KLF2	0.082972	0.00612072	0.581208	-1.72055	0.571741	1.09055	1.09055	0.663514	0.935757	-1.06865	0.905568	0.98216	-1.01816	0.526978	0.90735	-1.10211
cg07350718	CYR61	0.0829767	0.326491	0.844946	-1.18351	0.103778	0.74389	-1.34429	0.00541811	0.544053	-1.83806	0.082844	0.726561	-1.37635	0.170805	0.784614	-1.27451
cg09657378	SENP7;SENP7	0.0829777	0.487613	1.13143	1.13143	0.190656	1.27462	1.27462	0.0648969	0.695597	-1.43761	0.293788	1.21007	1.21007	0.802262	1.04492	1.04492
cg09802066	MGC45800	0.0829804	0.0644072	12.1033	12.1033	0.155699	6.19017	6.19017	0.558003	2.036	2.036	0.135579	6.89233	6.89233	0.0481819	15.0278	15.0278
cg26148630	CELSR2	0.0829814	0.690866	1.12955	1.12955	0.14497	0.620621	-1.61129	0.0127333	0.389332	-2.5685	0.0357223	2.10602	2.10602	0.294473	0.717946	-1.39286
cg00508855	C5orf45;C5orf45	0.0829828	0.0541439	0.246277	-4.06047	0.762305	0.823256	-1.21469	0.787908	1.18873	1.18873	0.767578	0.826944	-1.20927	0.0674986	0.268902	-3.71883
cg13728951	WHSC1	0.0829834	0.719396	1.08893	1.08893	0.00240578	0.36845	-2.71407	0.388886	0.811772	-1.23187	0.852347	1.04498	1.04498	0.0632003	0.610519	-1.63795
cg17508274	VDAC1	0.0829841	0.36527	0.74193	-1.34784	0.0054055	3.23785	3.23785	0.24796	1.47339	1.47339	0.0467308	2.07645	2.07645	0.93439	0.973926	-1.02677
cg02305149	ZNF554	0.0829863	0.709936	1.09023	1.09023	0.131608	0.68635	-1.45698	0.839338	0.954144	-1.04806	0.100515	0.65967	-1.51591	0.135348	1.45093	1.45093
cg25849038	TMCO3	0.0829879	0.053964	0.565367	-1.76876	0.924751	1.02493	1.02493	0.222525	0.715935	-1.39678	0.873066	0.959177	-1.04256	0.128684	0.651782	-1.53425
cg21491555	ARVCF	0.0829899	0.0167405	0.314376	-3.18091	0.0601043	2.31723	2.31723	0.509899	1.30329	1.30329	0.899933	1.05111	1.05111	0.160524	0.552088	-1.8113
cg05422683	CNTNAP2	0.0829903	0.00858019	1.5782	1.5782	0.207734	1.19817	1.19817	0.888766	0.981134	-1.01923	0.232359	0.843278	-1.18585	0.182003	1.21263	1.21263
cg18386310	BCAR3	0.0829911	0.574941	1.67148	1.67148	0.0205292	39.7406	39.7406	0.557252	1.71467	1.71467	?	?	?	0.985056	1.01679	1.01679
cg19294653	PRDM5	0.0829911	0.0283104	0.501005	-1.99599	0.985286	1.00494	1.00494	0.118764	0.636334	-1.5715	0.223391	0.7107	-1.40706	0.250212	0.725595	-1.37818
cg08134091	NEDD9;NEDD9;NEDD9	0.0829924	0.0221077	0.184919	-5.40777	0.551228	0.690164	-1.44893	0.42013	0.602532	-1.65966	0.300285	0.516748	-1.93518	0.0154418	0.160772	-6.22001
cg25471071	CNTN6	0.0829935	0.252336	0.650351	-1.53763	0.774757	1.10875	1.10875	0.010692	0.315218	-3.17241	0.914673	1.03932	1.03932	0.22741	0.633852	-1.57766
cg17755352	GPR144	0.0829937	0.0382797	3.50049	3.50049	0.120942	2.40506	2.40506	0.0377724	3.51567	3.51567	0.0881061	2.67006	2.67006	0.238812	1.90367	1.90367
cg13999106	NRXN1;NRXN1	0.0829965	0.426925	1.24544	1.24544	0.0152759	2.2388	2.2388	0.0411153	1.89201	1.89201	0.413341	1.25393	1.25393	0.337413	1.30682	1.30682
cg21848088	PRDM16;PRDM16	0.0829984	0.89729	0.966535	-1.03462	0.130484	1.53792	1.53792	0.154528	1.49428	1.49428	0.885688	1.03864	1.03864	0.926109	1.02475	1.02475
cg10118828	NDST3	0.083001	0.29225	1.38056	1.38056	0.00424146	3.09447	3.09447	0.142953	1.59144	1.59144	0.258244	1.41644	1.41644	0.270326	1.40317	1.40317
cg07573279	LOC645332	0.0830026	0.813355	0.951551	-1.05092	0.337383	1.23081	1.23081	0.00358057	2.28967	2.28967	0.31784	1.24209	1.24209	0.83672	0.957595	-1.04428
cg22949951	DUSP22	0.0830026	0.0367376	0.432649	-2.31134	0.0182302	0.371738	-2.69006	0.0865859	0.520175	-1.92243	0.27607	0.676247	-1.47875	0.0314404	0.418402	-2.39005
cg05761564	MAPK4	0.0830038	0.009726	0.283794	-3.52368	0.334587	1.46706	1.46706	0.0628909	2.23873	2.23873	0.551161	0.792758	-1.26142	0.230614	0.616101	-1.62311
cg08656082	VHLL	0.0830043	0.889355	0.932507	-1.07238	0.0118699	0.206657	-4.83893	0.35498	0.620217	-1.61234	0.26115	1.80092	1.80092	0.96665	1.02121	1.02121
cg23603877	APOB	0.0830047	0.706241	0.777524	-1.28613	0.627444	1.38407	1.38407	0.349414	0.527211	-1.89678	0.174832	0.38325	-2.60926	0.0111533	0.120743	-8.28206
cg04724866	PTAFR;PTAFR;PTAFR;PTAFR	0.0830092	0.0495616	0.719905	-1.38907	0.0281529	0.683683	-1.46267	0.120934	0.781393	-1.27977	0.415001	0.884961	-1.12999	0.3242	0.861277	-1.16107
cg23108291	COMMD10	0.0830101	0.209923	0.831387	-1.20281	0.109784	1.27587	1.27587	0.174528	1.22365	1.22365	0.0946085	0.773551	-1.29274	0.225651	1.19462	1.19462
cg21124497	TRIM71	0.0830108	0.0853702	0.741507	-1.34861	0.329441	0.853617	-1.17149	0.236873	0.822929	-1.21517	0.503748	0.898797	-1.1126	0.283575	0.839293	-1.19148
cg17534899	IQSEC1;IQSEC1	0.0830112	0.0500978	0.244858	-4.08399	0.700049	1.27614	1.27614	0.0120246	7.19254	7.19254	0.617018	0.727909	-1.3738	0.106757	0.329811	-3.03204
cg20763234	ARHGEF10	0.0830121	0.133442	0.396887	-2.51961	0.056628	0.291764	-3.42743	0.290431	0.534546	-1.87075	0.715563	1.23235	1.23235	0.0326814	0.240066	-4.16551
cg10752545	NAV2;NAV2;NAV2;LOC100126784	0.0830142	0.00210997	0.0391356	-25.5522	0.44188	0.555536	-1.80006	0.905758	1.09284	1.09284	0.149406	0.313873	-3.186	0.431361	0.547706	-1.8258
cg16926302	ST6GALNAC5	0.0830156	0.174431	1.73247	1.73247	0.579685	1.23715	1.23715	0.224515	0.615483	-1.62474	0.311757	0.671607	-1.48897	0.087492	0.487919	-2.04952
cg27263483	ZNF134	0.0830166	0.0606374	1.49832	1.49832	0.00737975	0.516878	-1.93469	0.26011	0.798878	-1.25175	0.294215	1.23118	1.23118	0.317181	0.820648	-1.21855
cg24849648	WNT16	0.0830192	0.108735	0.393226	-2.54307	0.248346	0.525264	-1.9038	0.847666	1.10806	1.10806	0.977216	0.984879	-1.01535	0.0299522	0.256005	-3.90617
cg04998536	RAB11FIP3;RAB11FIP3	0.0830202	0.21192	0.565797	-1.76742	0.0508757	2.62049	2.62049	0.956218	0.976502	-1.02406	0.579687	0.784824	-1.27417	0.182641	0.541976	-1.8451
cg03062648	PPP1R11	0.0830204	0.00875839	0.302173	-3.30937	0.609481	1.2028	1.2028	0.828985	0.925398	-1.08062	0.769447	0.900019	-1.11109	0.0264042	0.38924	-2.56911
cg16315748	SLC41A1	0.0830236	0.181642	1.5258	1.5258	0.76308	0.913851	-1.09427	0.642417	0.869933	-1.14951	0.0525649	0.518524	-1.92855	0.253468	0.7009	-1.42674
cg01532749	MRAS;MRAS	0.0830237	0.123084	0.438883	-2.27851	0.0263575	0.272978	-3.6633	0.0443636	0.320318	-3.1219	0.298723	0.588025	-1.70061	0.112723	0.426931	-2.3423
cg27126924	PRPF19	0.0830237	0.957238	0.988799	-1.01133	0.0271684	0.577351	-1.73205	0.705719	1.08296	1.08296	0.297916	1.25443	1.25443	0.363939	0.822012	-1.21653
cg26431547	AMDHD1	0.0830248	0.175673	0.659552	-1.51618	0.158953	1.54519	1.54519	0.749381	0.911525	-1.09706	0.750387	1.09664	1.09664	0.0162143	0.427455	-2.33943
cg17452006	OLA1;OLA1	0.0830251	0.0809781	0.261502	-3.82407	0.0136655	0.120719	-8.28368	0.058562	0.227333	-4.39884	0.648783	0.727695	-1.3742	0.0663049	0.239837	-4.16951
cg00329180	ANKRD11	0.0830255	0.949714	1.01787	1.01787	0.00284416	3.17017	3.17017	0.109371	1.63282	1.63282	0.769968	0.920943	-1.08584	0.945678	0.981043	-1.01932
cg13521620	YPEL2	0.0830269	0.0899215	4.54558	4.54558	0.0115176	12.9352	12.9352	0.0637239	5.41096	5.41096	0.152659	3.45856	3.45856	0.214689	2.88083	2.88083
cg15156029	PRDM16;PRDM16	0.0830273	0.0170928	0.565697	-1.76773	0.441087	0.857308	-1.16644	0.308434	0.813347	-1.22949	0.447315	0.859172	-1.16391	0.0283682	0.602214	-1.66054
cg20706766	ITPR3	0.0830312	0.0724026	0.47304	-2.11398	0.677069	1.16927	1.16927	0.168093	1.73064	1.73064	0.695701	1.15809	1.15809	0.0322207	0.391981	-2.55115
cg18463605	CTPS2;CTPS2;CTPS2	0.0830316	0.0614384	0.220345	-4.53835	0.0872604	0.257856	-3.87814	0.12408	0.30256	-3.30513	0.0532251	0.206682	-4.83835	0.0111754	0.102016	-9.80236
cg00079056	SUGT1P1;SPINK4	0.0830318	0.0578136	0.291668	-3.42855	0.793599	1.16256	1.16256	0.0666656	0.306899	-3.2584	0.0749516	0.32005	-3.12451	0.0235003	0.211334	-4.73184
cg22326681	PLA2G6;PLA2G6	0.0830329	0.875006	0.932683	-1.07218	0.0213631	0.293931	-3.40216	0.158702	0.513265	-1.94831	0.0979614	0.447687	-2.2337	0.00817025	0.22346	-4.47507
cg23020159	DMXL1	0.0830337	0.660027	0.948772	-1.05399	0.541421	0.929192	-1.0762	0.0734195	0.788884	-1.26761	0.447262	0.912086	-1.09639	0.0332084	0.743981	-1.34412
cg19755382	NSUN6	0.0830344	0.744452	0.949871	-1.05277	0.0829322	0.73942	-1.35241	0.325949	0.852592	-1.17289	0.575713	0.914931	-1.09298	0.602861	0.920778	-1.08604
cg03945777	PTPRN2;PTPRN2;PTPRN2	0.0830362	0.108935	1.49241	1.49241	0.0108744	2.07993	2.07993	0.69665	1.09388	1.09388	0.356732	1.24246	1.24246	0.218075	1.34546	1.34546
cg09263116	BIK	0.0830376	0.0906362	0.541928	-1.84526	0.00749032	0.322628	-3.09955	0.0686402	0.511837	-1.95375	0.810953	1.08193	1.08193	0.0963127	0.548777	-1.82223
cg18128898	MGMT	0.0830381	0.63606	0.917389	-1.09005	0.150341	1.32164	1.32164	0.0102658	0.557017	-1.79528	0.833601	0.962662	-1.03879	0.978975	0.995245	-1.00478
cg26972937	ICAM3	0.0830416	0.872102	0.986436	-1.01375	0.488609	1.06145	1.06145	0.304251	1.09438	1.09438	0.410869	0.931198	-1.07389	0.347742	0.921316	-1.0854
cg09222259	SRRM2;LOC100128788	0.0830418	0.0828193	0.640645	-1.56093	0.670548	1.10428	1.10428	0.144727	0.6955	-1.43781	0.257635	0.760447	-1.31502	0.0551368	0.60408	-1.65541
cg02038492	CASKIN1	0.0830422	0.132647	0.577287	-1.73224	0.01012	0.33335	-2.99985	0.306895	0.698956	-1.4307	0.148339	0.591559	-1.69045	0.599175	0.83562	-1.19672
cg06292277	CLCN3;CLCN3	0.0830458	0.240779	1.35068	1.35068	0.00765515	2.31435	2.31435	0.26734	1.32692	1.32692	0.0706091	1.63981	1.63981	0.328163	1.28026	1.28026
cg22984404	RHOT1;RHOT1;RHOT1	0.0830474	0.020312	0.551583	-1.81297	0.800018	1.05547	1.05547	0.975612	1.00652	1.00652	0.294066	0.793381	-1.26043	0.18563	0.74194	-1.34782
cg01008666	NACC1	0.0830477	0.182698	0.716748	-1.39519	0.113966	0.666991	-1.49927	0.0672224	0.616893	-1.62103	0.0811613	0.634219	-1.57674	0.0189751	0.512216	-1.9523
cg11433319	CHODL	0.0830478	0.783006	1.19454	1.19454	0.429411	1.68343	1.68343	0.281851	2.0629	2.0629	0.874759	0.903447	-1.10687	?	?	?
cg07062456	HADHB	0.083049	0.184043	0.817129	-1.2238	0.880997	1.0217	1.0217	0.563912	1.0872	1.0872	0.26075	0.845269	-1.18305	0.0295992	0.692773	-1.44348
cg10648376	CCDC61	0.083049	0.189307	1.34523	1.34523	0.391788	0.829336	-1.20578	0.988136	0.996834	-1.00318	0.54793	0.878377	-1.13846	0.362302	0.818972	-1.22104
cg17095652	GPR176	0.0830495	0.00536694	0.122317	-8.17548	0.374018	0.592773	-1.68699	0.219828	0.47741	-2.09464	0.104155	0.361264	-2.76806	0.0425034	0.262192	-3.81399
cg19597031	MAT2B;MAT2B	0.0830499	0.266998	0.658147	-1.51942	0.303929	0.680342	-1.46985	0.040099	0.423972	-2.35865	0.902587	1.04529	1.04529	0.0325321	0.404477	-2.47233
cg03200105	TNFRSF11B	0.08305	0.100836	0.786403	-1.27161	0.578515	0.927709	-1.07792	0.468606	1.10377	1.10377	0.00616172	0.620181	-1.61243	0.894646	0.98244	-1.01787
cg00483825	C10orf93	0.083051	0.0145139	0.167522	-5.96937	0.0869737	0.325808	-3.06929	0.531389	0.686497	-1.45667	0.0391844	0.242704	-4.12024	0.0294682	0.218443	-4.57785
cg11064170	HNRNPA3	0.083052	0.0304966	0.116988	-8.54789	0.451659	0.52354	-1.91007	0.196891	0.316204	-3.16251	0.313057	0.414536	-2.41233	0.0803132	0.194517	-5.14095
cg14135807	UCHL3	0.0830529	0.0732894	0.305233	-3.27618	0.0223305	0.196573	-5.08716	0.172352	0.42188	-2.37034	0.651899	0.763512	-1.30974	0.0489575	0.262957	-3.8029
cg14293098	SLC44A1;SLC44A1	0.0830534	0.0288486	0.569371	-1.75632	0.694239	0.917281	-1.09018	0.733718	1.07748	1.07748	0.547664	1.14221	1.14221	0.166232	0.724251	-1.38074
cg20980408	STX2;STX2	0.0830539	0.0660073	1.47672	1.47672	0.695707	1.07712	1.07712	0.0290361	0.614861	-1.62638	0.836309	0.96165	-1.03988	0.105122	0.715556	-1.39751
cg01087485	OCM2	0.0830548	0.377766	0.747107	-1.3385	0.0740578	0.526602	-1.89897	0.115461	0.576209	-1.73548	0.0419782	0.470006	-2.12763	0.0158792	0.386131	-2.58979
cg12254515	DERL1;DERL1	0.0830568	0.776823	1.13752	1.13752	0.524191	1.33995	1.33995	0.0068377	0.204271	-4.89545	?	?	?	?	?	?
cg27274377	MYT1L	0.0830589	0.812854	0.949121	-1.05361	0.0682227	1.56766	1.56766	0.137117	1.42272	1.42272	0.0792028	1.53584	1.53584	0.483753	0.854965	-1.16964
cg00578885	AKR1E2	0.0830602	0.657626	1.23058	1.23058	0.8617	1.0845	1.0845	0.039857	0.331139	-3.01988	0.243084	1.76514	1.76514	0.0131114	0.239031	-4.18356
cg00884093	CELSR1	0.0830614	0.518895	0.453967	-2.2028	0.242175	4.38549	4.38549	0.290589	3.76044	3.76044	0.785042	0.718794	-1.39122	0.199175	0.194302	-5.14663
cg01673780	IL26	0.0830617	0.483866	0.825478	-1.21142	0.081028	0.593641	-1.68452	0.0623249	0.56802	-1.7605	0.710986	0.90454	-1.10553	0.0878437	0.601795	-1.6617
cg22872478	LYSMD2	0.0830618	0.264283	0.518352	-1.92919	0.933434	0.957994	-1.04385	0.15101	2.38465	2.38465	0.0672524	3.18404	3.18404	0.0116769	0.0169163	-59.1145
cg06017059	TM2D2;TM2D2;ADAM9;ADAM9;ADAM9;ADAM9;TM2D2;TM2D2;ADAM9	0.0830627	0.00758537	0.405248	-2.4674	0.395264	1.25732	1.25732	0.730149	1.09534	1.09534	0.229178	0.717581	-1.39357	?	?	?
cg05800339	ZNRF1	0.0830628	0.523156	1.284	1.284	0.0832015	2.09788	2.09788	0.724421	0.872095	-1.14666	0.130522	1.87919	1.87919	[illegible]	[illegible]	[illegible]
cg09646754	WFDC8;WFDC8	0.0830642	0.117467	1.39923	1.39923	0.179633	1.36219	1.36219	0.0351236	0.588865	-1.69818	0.0362009	0.591259	-1.69131	[illegible]	[illegible]	[illegible]
cg00443073	C6orf204;C6orf204	0.0830655	0.495595	0.749745	-1.33379	0.0568736	0.407761	-2.45242	0.226104	0.71597	-1.39671	0.55937	0.782129	-1.27856	[illegible]	[illegible]	[illegible]
cg19767548	LDHC;LDHC	0.0830665	0.259297	2.35555	2.35555	0.896832	1.09801	1.09801	0.936256	0.943977	-1.05935	0.428574	1.79053	1.79053	0.00339605	0.0566723	-17.6453

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03709474	0.0317452	0.263414	-3.79631	0.470611	0.677785	-1.47539	0.200175	0.488169	-2.04847	0.28087	0.552147	-1.81111	2.77261	12.3303	3.95303	1
cg08154698	0.0960286	0.640684	-1.56083	0.116548	1.51492	1.51492	0.160836	1.44027	1.44027	0.0305076	0.538359	-1.8575	2.77261	2.60512	0.835192	1
cg24636332	0.304577	0.487137	-2.05281	0.320304	0.499364	-2.00255	0.0031822	0.057703	-17.3301	0.367457	0.535011	-1.86912	2.96545	20.8143	5.45916	1
cg15009198	0.398508	0.69195	-1.44519	0.404401	0.695275	-1.43828	0.287292	1.60108	1.60108	0.0195687	0.300646	-3.32617	2.77257	7.96907	2.55489	1
cg12491094	0.889151	1.01373	1.01373	0.536593	0.940632	-1.06312	0.895596	1.01292	1.01292	0.00644813	1.41407	1.41407	2.77255	0.420046	0.134668	1
cg07212702	0.642783	0.763729	-1.30937	0.0431909	3.82775	3.82775	0.00379317	9.52161	9.52161	0.271562	1.93578	1.93578	2.77251	14.6233	4.68835	1
cg11491407	0.0422624	2.88864	2.88864	0.01059	4.29601	4.29601	0.0394457	2.94532	2.94532	0.355443	1.53883	1.53883	2.77251	9.02799	2.89444	1
cg16203659	0.00918439	0.295367	-3.38562	0.322382	1.45772	1.45772	0.480792	1.30241	1.30241	0.730085	0.880127	-1.1362	2.77251	5.96846	1.91354	1
cg06201219	0.848608	0.924019	-1.08223	0.313875	0.65006	-1.53832	0.0194154	0.310805	-3.21745	0.195104	0.567418	-1.76237	2.77251	7.50778	2.40705	1
cg08917718	0.153418	0.732385	-1.3654	0.0150229	1.83868	1.83868	0.337393	0.817494	-1.22325	0.803853	1.05201	1.05201	2.7725	1.82284	0.584419	1
cg01806261	0.5469	0.62952	-1.58851	0.0611854	0.201587	-4.96063	0.357916	0.487866	-2.04974	0.500029	0.594688	-1.68155	2.77247	25.3054	8.11324	1
cg23555120	0.403632	1.29388	1.29388	0.0104476	0.378385	-2.64281	0.0710408	0.54445	-1.83671	0.447607	0.791885	-1.26281	2.77241	3.99081	1.27953	1
cg00960700	0.352005	0.347298	-2.87937	0.0439699	0.0776107	-12.8848	0.0566538	10.8294	10.8294	0.4283	0.409456	-2.44226	2.77239	53.5348	17.1644	1
cg12172478	0.309122	0.704193	-1.42006	0.674101	1.15133	1.15133	0.847756	1.06613	1.06613	0.476645	0.785749	-1.27267	2.77238	4.87435	1.56283	1
cg03974499	0.0298203	1.5734	1.5734	0.135943	1.32958	1.32958	0.218248	0.794852	-1.2581	0.124683	0.744757	-1.34272	2.77237	1.38005	0.442479	1
cg18344769	0.0306719	2.07709	2.07709	0.373669	1.30072	1.30072	0.202186	1.47355	1.47355	0.648883	0.876364	-1.14108	2.7723	3.63931	1.16688	1
cg13690691	0.186	1.77249	1.77249	0.0148616	0.294332	-3.39753	0.13335	1.93666	1.93666	0.0952307	2.11341	2.11341	2.77225	7.31624	2.34587	1
cg21949274	0.618008	0.893935	-1.11865	0.00197388	0.377176	-2.65128	0.612264	0.892267	-1.12074	0.258459	0.768771	-1.30078	2.77217	2.18377	0.700219	1
cg15691325	0.445832	0.629236	-1.58923	0.0128675	0.158634	-6.3038	0.443777	0.627867	-1.59269	0.144957	0.393318	-2.54247	2.77213	15.601	5.00247	1
cg13545212	0.0835268	13.3345	13.3345	0.0309899	30.7158	30.7158	0.0382697	25.7154	25.7154	0.10007	11.4357	11.4357	2.77209	80.2892	25.7453	1
cg24693695	0.0190095	0.582355	-1.71717	0.1984	1.29539	1.29539	0.835333	1.04043	1.04043	0.284314	1.23588	1.23588	2.77209	1.59182	0.510428	1
cg25426177	0.378546	1.13376	1.13376	0.908615	1.01608	1.01608	0.0218244	0.682199	-1.46585	0.0874341	0.769373	-1.29976	2.80571	0.762629	0.271813	1
cg26643937	0.310777	0.704828	-1.41879	0.359117	1.36959	1.36959	0.0141889	2.74354	2.74354	0.344003	1.38421	1.38421	2.77207	4.8844	1.56623	1
cg05798637	0.893759	0.968134	-1.03291	0.417217	0.817963	-1.22255	0.324939	0.78164	-1.27936	0.253394	0.748937	-1.33522	2.77205	2.5789	0.826954	1
cg10155537	0.951921	0.957892	-1.04396	0.0220235	0.140916	-7.09642	0.259725	0.432218	-2.31365	0.110317	0.288922	-3.46114	2.77205	22.3485	7.16632	1
cg25427625	0.130987	0.309244	-3.23369	0.0106624	0.0992063	-10.08	0.0222114	0.139054	-7.19147	0.117656	0.294345	-3.39737	2.77204	22.7415	7.29234	1
cg18765637	0.926439	1.01997	1.01997	0.750572	1.07069	1.07069	0.73876	0.930825	-1.07432	0.280694	0.786506	-1.27145	2.77202	2.01388	0.645781	1
cg27358154	0.114624	0.234245	-4.26904	0.0116617	0.0695098	-14.3865	0.0343594	0.123969	-8.06652	0.292334	0.396889	-2.5196	2.772	31.4104	10.0723	1
cg11916630	0.373281	1.20412	1.20412	0.53294	1.13694	1.13694	0.040984	1.61498	1.61498	0.127076	1.39842	1.39842	2.77198	1.8132	0.581438	1
cg12343363	0.571243	0.661441	-1.51185	0.0182316	7.92683	7.92683	0.145623	3.09143	3.09143	0.946114	1.05004	1.05004	2.77198	22.9081	7.34594	1
cg03752330	0.052876	0.788409	-1.26838	0.943319	1.00771	1.00771	0.220875	0.870183	-1.14918	0.0753391	1.23854	1.23854	2.77197	0.512509	0.164347	1
cg17934743	0.0757647	1.98105	1.98105	0.968008	0.986224	-1.01397	0.213781	1.57267	1.57267	0.0446119	2.2201	2.2201	2.77195	5.25207	1.68419	1
cg00273220	0.507752	0.825642	-1.21118	0.144704	1.56308	1.56308	0.299735	0.736076	-1.35856	0.262068	0.716456	-1.39576	2.77191	3.56902	1.1445	1
cg15873301	0.421439	1.67503	1.67503	0.125737	0.353211	-2.83117	0.0195316	5.88682	5.88682	0.721126	0.798413	-1.25248	2.7719	17.3194	5.55395	1
cg21746711	0.225107	0.512694	-1.95048	0.521718	0.7114	-1.40568	0.576062	0.743628	-1.34476	0.629312	0.774886	-1.29051	2.7719	12.0708	3.87084	1
cg11895835	0.154453	0.447292	-2.23568	0.0397775	0.285155	-3.50687	0.0139091	0.201115	-4.97227	0.156295	0.449117	-2.22659	2.77189	12.2311	3.92227	1
cg09977361	0.969806	1.01605	1.01605	0.70992	0.85452	-1.17025	0.0155726	3.48381	3.48381	0.371928	1.47069	1.47069	2.77185	7.77245	2.4925	1
cg10502904	0.265666	1.3878	1.3878	0.47395	0.814031	-1.22845	0.00729924	0.376262	-2.65772	0.0838656	1.71682	1.71682	2.77183	3.50427	1.12377	1
cg07825483	0.585321	0.818391	-1.22191	0.727961	0.880715	-1.13544	0.908851	0.959196	-1.04254	0.0338204	0.406008	-2.463	2.77181	5.8084	1.86269	1
cg02701825	0.952951	1.03806	1.03806	0.0279237	5.17752	5.17752	0.0529453	4.02423	4.02423	0.115918	2.9496	2.9496	2.7718	17.5908	5.6412	1
cg08897044	0.246161	0.727876	-1.37386	0.0243006	0.495061	-2.01995	0.542458	0.850894	-1.17523	0.617243	0.876384	-1.14105	2.7718	3.01072	0.965509	1
cg02401978	0.0664572	0.339967	-2.94146	0.0843594	0.367573	-2.72055	0.870906	1.08899	1.08899	0.194803	0.487289	-2.05217	2.77176	12.0624	3.86835	1
cg09693464	0.353176	0.841212	-1.18876	0.0020579	0.45576	-2.19414	0.368901	0.84617	-1.1818	0.62956	1.09195	1.09195	2.77176	1.43812	0.461199	1
cg19047283	0.0692765	0.389224	-2.56921	0.0774123	0.401949	-2.48788	0.993537	0.996246	-1.00377	0.223825	0.552476	-1.81003	2.77167	9.46276	3.03475	1
cg05119799	0.414843	0.773458	-1.29289	0.251511	0.691271	-1.44661	0.957336	1.01662	1.01662	0.0502967	0.502722	-1.98917	2.77167	4.1697	1.33724	1
cg05314096	0.955253	1.03947	1.03947	0.316453	0.48943	-2.0432	0.604485	1.43403	1.43403	0.616599	0.705917	-1.4166	2.77167	20.8934	6.70064	1
cg20113732	0.0433979	1.47621	1.47621	0.118569	0.752706	-1.32854	0.223424	1.23921	1.23921	0.0173677	1.62529	1.62529	2.77166	1.23398	0.395745	1
cg26413174	0.17273	3.43261	3.43261	0.741173	1.32541	1.32541	0.00903676	16.7852	16.7852	0.0278685	9.10515	9.10515	2.77164	31.7103	10.1697	1
cg07458624	0.102709	0.72156	-1.38589	0.33081	1.2013	1.2013	0.726672	1.06625	1.06625	0.868234	0.970108	-1.03081	2.77164	1.46647	0.470308	1
cg04000234	0.079431	2.4913	2.4913	0.106223	0.43731	-2.28671	0.564433	1.31407	1.31407	0.0703411	0.387369	-2.58152	2.77164	9.64876	3.09444	1
cg17154313	0.852497	0.977699	-1.02281	0.00453816	1.58112	1.58112	0.318003	1.13322	1.13322	0.0655201	1.28462	1.28462	2.77162	0.644468	0.206688	1
cg04898512	0.361392	1.15294	1.15294	0.0458079	1.41519	1.41519	0.715065	1.05719	1.05719	0.310154	1.17268	1.17268	2.77162	1.00994	0.323899	1
cg07350718	0.969898	0.993744	-1.0063	0.105312	0.745039	-1.34221	0.0323043	0.659092	-1.51724	0.314453	0.841128	-1.18888	2.77156	1.21419	0.389413	1
cg09657378	0.654182	0.924084	-1.08215	0.0125823	0.580798	-1.72177	0.437696	0.870559	-1.14869	0.124634	1.33791	1.33791	2.77154	1.34582	0.431633	1
cg09802066	0.084543	9.87192	9.87192	0.0103054	48.394	48.394	0.0635113	12.2306	12.2306	0.0488128	14.8828	14.8828	2.77151	63.2187	20.2758	1
cg26148630	0.805652	1.07802	1.07802	0.871877	1.05042	1.05042	0.937386	1.02423	1.02423	0.213331	1.49088	1.49088	2.77149	4.07655	1.30745	1
cg00508855	0.506285	0.648977	-1.54089	0.00405293	0.0842291	-11.8724	0.326755	0.522506	-1.91385	0.091777	0.304156	-3.28778	2.77147	18.0433	5.787	1
cg13728951	0.644894	1.11582	1.11582	0.855729	0.957931	-1.04392	0.433037	0.827837	-1.20797	0.53619	0.862493	-1.15943	2.77146	2.44793	0.785123	1
cg17508274	0.396263	1.32148	1.32148	0.15426	1.63127	1.63127	0.22578	1.50407	1.50407	0.612458	0.848813	-1.17812	2.77145	4.51945	1.44952	1
cg02305149	0.0800125	1.56698	1.56698	0.0177559	0.513456	-1.94759	0.555017	0.871049	-1.14804	0.343388	0.797953	-1.25321	2.77142	2.34695	0.752746	1
cg25849038	0.0138743	0.452706	-2.20894	0.136078	0.657906	-1.51997	0.808345	1.0654	1.0654	0.0156079	0.461689	-2.16596	2.7714	2.98264	0.95664	1
cg21491555	0.267514	0.632725	-1.58046	0.198363	1.71371	1.71371	0.395422	0.708299	-1.41183	0.16893	0.559447	-1.78748	2.77137	6.89228	2.21063	1
cg05422683	0.374271	0.883271	-1.13215	0.115334	0.792156	-1.26238	0.38959	0.886926	-1.12749	0.906581	0.984149	-1.01611	2.77137	0.813015	0.260767	1
cg18386310	0.982842	1.0193	1.0193	?	?	?	0.0349986	0.0495217	-20.1932	0.919617	1.09394	1.09394	6.0829	47.5433	3.34967	1
cg19294653	0.487481	1.20721	1.20721	0.257363	1.37101	1.37101	0.186634	1.45312	1.45312	0.0562123	1.78111	1.78111	2.77136	3.1279	1.00325	1
cg08134091	0.330711	0.539388	-1.85395	0.945544	1.04291	1.04291	0.0277784	0.201955	-4.95159	0.036088	0.223283	-4.47862	2.77134	16.6046	5.32582	1
cg25471071	0.368052	0.717	-1.3947	0.0325421	0.406456	-2.46029	0.66782	1.16806	1.16806	0.0260121	0.386495	-2.58735	2.77132	5.68257	1.82266	1
cg17755352	0.833825	1.11586	1.11586	0.280462	0.556866	-1.79576	0.102085	2.54395	2.54395	0.0293642	3.81563	3.81563	2.77132	11.952	3.83355	1
cg13999106	0.282579	1.35273	1.35273	0.169998	0.673364	-1.48508	0.120668	0.634174	-1.57685	0.922363	0.973968	-1.02673	2.77128	3.21342	1.0307	1
cg21848088	0.121269	0.642247	-1.55703	0.00958614	2.37365	2.37365	0.27549	1.34852	1.34852	0.0510026	1.79648	1.79648	2.77126	3.04884	0.977925	1
cg10118828	0.156367	1.56435	1.56435	0.24959	0.701088	-1.42635	0.542048	0.833475	-1.1998	0.353162	1.32571	1.32571	2.77122	3.82274	1.22617	1
cg07573279	0.240195	1.29461	1.29461	0.1385	0.715436	-1.39775	0.500362	0.866206	-1.15446	0.938263	1.0164	1.0164	2.7712	1.93499	0.620668	1
cg22949951	0.0889576	0.52323	-1.91121	0.0360286	0.430842	-2.32104	0.146489	0.583831	-1.71282	0.151519	0.58826	-1.69993	2.7712	5.23232	1.67832	1
cg05761564	0.155352	0.556784	-1.79603	0.329966	1.47282	1.47282	0.789117	0.901909	-1.10876	0.573406	0.803234	-1.24497	2.77118	6.50996	2.08815	1
cg08656082	0.344628	1.63015	1.63015	0.0164134	0.229404	-4.35912	0.39047	0.642913	-1.55542	0.268227	0.560499	-1.78413	2.77117	11.0608	3.54788	1
cg23603877	0.328067	0.511247	-1.956	0.0134233	0.130738	-7.64891	0.198905	0.405686	-2.46496	0.0517137	0.229588	-4.35563	2.77117	19.3843	6.21776	1
cg04724866	0.90581	1.01751	1.01751	0.0492237	1.38994	1.38994	0.0969335	0.765486	-1.30636	0.561684	0.917532	-1.08988	2.77111	0.944226	0.30288	1
cg23108291	0.221862	0.835744	-1.19654	0.0442063	0.723943	-1.38132	0.194028	1.21171	1.21171	0.560301	1.08578	1.08578	2.77109	0.857162	0.274953	1
cg21124497	0.115566	0.764131	-1.30868	0.00206298	0.505386	-1.97868	0.733563	0.947689	-1.0552	0.863478	0.973299	-1.02743	2.77108	1.08532	0.34814	1
cg17534899	0.393792	1.73361	1.73361	0.702045	0.784964	-1.27394	0.177001	0.404993	-2.46918	0.955453	1.03581	1.03581	2.77108	17.4128	5.58557	1
cg20763234	0.0277808	0.226561	-4.41383	0.0139917	0.176844	-5.65471	0.689564	0.795155	-1.25762	0.293276	0.536664	-1.86336	2.77107	14.3029	4.58801	1
cg10752545	0.382047	0.510673	-1.9582	0.331417	2.11953	2.11953	0.382315	0.510876	-1.95742	0.700839	0.748731	-1.33559	2.77104	24.6612	7.91079	1
cg16926302	0.382292	0.711168	-1.40614	0.0241311	2.78137	2.78137	0.0602328	2.23946	2.23946	0.897262	0.952046	-1.05037	2.77102	6.35081	2.03722	1
cg27263483	0.885754	0.972892	-1.02786	0.547271	1.12347	1.12347	0.399162	0.847895	-1.17939	0.630248	1.09715	1.09715	2.771	1.60368	0.514432	1
cg24849648	0.0687188	0.337216	-2.96546	0.0064034	0.150683	-6.63644	0.966885	0.978094	-1.0224	0.230132	0.510814	-1.95766	2.77097	12.493	4.00758	1
cg04998536	0.0362969	0.348467	-2.86971	0.0524261	0.384702	-2.59941	0.160278	1.91499	1.91499	0.54911	0.76909	-1.30024	2.77095	8.23227	2.64081	1
cg03062648	0.861951	0.939524	-1.06437	0.968401	0.985903	-1.0143	0.651552	0.849642	-1.17697	0.0244297	0.3825	-2.61438	2.77095	5.63746	1.80843	1
cg16315748	0.0607965	0.532681	-1.8773	0.0458424	0.50556	-1.978	0.334509	1.34527	1.34527	0.0368763	0.485592	-2.05934	2.77091	3.89688	1.25009	1
cg01532749	0.0888537	0.396461	-2.52232	0.0666973	0.36293	-2.75535	0.191923	1.97581	1.97581	0.151877	0.469166	-2.13144	2.77091	10.6651	3.4213	1
cg27126924	0.0696141	0.652911	-1.5316	0.0698009	1.53107	1.53107	0.547464	1.13642	1.13642	0.0907667	1.47912	1.47912	2.77091	1.93677	0.621305	1
cg26431547	0.772662	0.919686	-1.08733	0.143323	1.57549	1.57549	0.0530287	0.529696	-1.88788	0.181686	0.663801	-1.50648	2.77089	3.66613	1.17608	1
cg17452006	0.0241008	0.154946	-6.45387	0.0891513	0.272659	-3.66759	0.104924	0.292769	-3.41566	0.206831	0.397363	-2.51659	2.77089	21.0892	6.76532	1
cg00329180	0.501575	1.21115	1.21115	0.52953	0.836192	-1.1959	0.213581	1.44463	1.44463	0.454194	0.807242	-1.23879	2.77088	3.46198	1.11059	1
cg13521620	0.178198	3.18613	3.18613	0.0112191	13.1148	13.1148	0.212408	2.8977	2.8977	0.202504	2.97405	2.97405	2.77086	28.7957	9.23762	1
cg15156029	0.743462	0.937667	-1.06648	0.151883	0.740184	-1.35102	0.00925921	0.523494	-1.91024	0.984779	1.00375	1.00375	2.77086	1.6855	0.540707	1
cg20706766	0.857488	0.935086	-1.06942	0.25052	1.5657	1.5657	0.063274	2.18129	2.18129	0.121918	1.87015	1.87015	2.7708	6.11811	1.96272	1
cg18463605	0.124898	0.303473	-3.29519	0.0515493	0.203755	-4.90784	0.955971	1.04043	1.04043	0.112941	0.289819	-3.45043	2.7708	22.6133	7.25448	1
cg00079056	0.492296	0.669904	-1.49275	0.0277186	0.224281	-4.4587	0.0412504	0.258576	-3.86733	0.247238	0.499076	-2.0037	2.77079	14.4814	4.64572	1
cg22326681	0.107568	0.459559	-2.176	0.125449	0.479908	-2.08373	0.874605	1.07242	1.07242	0.211015	0.557988	-1.79215	2.77078	8.60058	2.75914	1
cg23020159	0.922123	0.988451	-1.01168	0.0038311	0.629332	-1.58899	0.791333	1.032	1.032	0.957971	1.00628	1.00628	2.77077	0.619322	0.198685	1
cg19755382	0.617761	1.08232	1.08232	0.0037984	1.84757	1.84757	0.896906	0.979823	-1.02059	0.684223	0.937729	-1.06641	2.77076	1.08493	0.348057	1
cg03945777	0.188715	0.726919	-1.37567	0.310678	0.786436	-1.27156	0.852417	0.958244	-1.04358	0.133715	0.69043	-1.44837	2.77073	2.30181	0.738454	1
cg09263116	0.446881	0.775098	-1.29016	0.181129	0.627156	-1.5945	0.0872284	0.53766	-1.85991	0.498643	1.25323	1.25323	2.77071	4.73874	1.52026	1
cg18128898	0.054491	0.673936	-1.48382	0.294283	1.21745	1.21745	0.345039	0.838688	-1.19234	0.0989684	0.720944	-1.38707	2.77071	1.43573	0.460605	1
cg26972937	0.447081	0.936423	-1.06789	0.00282953	1.41698	1.41698	0.543932	0.949264	-1.05345	0.694099	0.967048	-1.03407	2.77066	0.315307	0.101158	1
cg09222259	0.0483869	1.68682	1.68682	0.0506288	0.596708	-1.67586	0.247362	0.755496	-1.32363	0.770182	1.07027	1.07027	2.77065	2.35814	0.756543	1
cg02038492	0.00845684	0.320318	-3.1219	0.229098	0.652232	-1.5332	0.164199	0.604959	-1.65301	0.95723	1.01833	1.01833	2.77065	5.03109	1.61409	1
cg06292277	0.0538886	1.70869	1.70869	0.0802372	1.60808	1.60808	0.0293409	1.87438	1.87438	0.137589	1.47909	1.47909	2.7706	2.62927	0.843546	1
cg22984404	0.0153866	0.531276	-1.88226	0.819426	1.04983	1.04983	0.917432	1.0223	1.0223	0.108718	1.45073	1.45073	2.77058	1.98464	0.636736	1
cg01008666	0.0265121	0.538258	-1.85785	0.0635739	0.611867	-1.63434	0.569818	1.14485	1.14485	0.216852	0.736364	-1.35802	2.77057	2.43386	0.780861	1
cg11433319	0.00856598	0.105895	-9.44328	0.129504	2.90665	2.90665	0.147609	2.74825	2.74825	0.486391	0.633607	-1.57827	2.99556	17.1032	4.99582	1
cg07062456	0.874485	1.02291	1.02291	0.0128867	1.55661	1.55661	0.63215	1.07156	1.07156	0.294869	0.855824	-1.16847	2.77056	0.901231	0.289146	1
cg10648376	0.0777344	0.658278	-1.51912	0.0522772	1.60127	1.60127	0.167602	1.36849	1.36849	0.0270299	1.74781	1.74781	2.77055	1.99602	0.64039	1
cg17095652	0.128227	0.389718	-2.56596	0.148191	0.411104	-2.43248	0.0646061	0.304342	-3.28578	0.097979	0.35336	-2.82998	2.77055	14.4109	4.62352	1
cg19597031	0.026657	2.58614	2.58614	0.211125	0.620898	-1.61057	0.908418	0.959227	-1.04251	0.856734	0.93672	-1.06756	2.77054	5.74186	1.84219	1
cg03200105	0.770575	1.03987	1.03987	0.454388	0.903127	-1.10726	0.078326	1.29887	1.29887	0.32685	0.873416	-1.14493	2.77054	0.78447	0.251686	1
cg00483825	0.178355	0.428092	-2.33595	0.173187	0.423198	-2.36296	0.302515	0.530621	-1.88458	0.0300529	0.220039	-4.54465	2.77053	15.4463	4.95574	1
cg11064170	0.110382	0.230321	-4.34176	0.00777434	0.0558931	-17.8913	0.152107	0.273975	-3.64997	0.0367493	0.129041	-7.74948	2.77051	31.25	10.0262	1
cg14135807	0.10559	0.349776	-2.85897	0.0202417	0.189472	-5.27783	0.0555335	0.275474	-3.63011	0.084793	0.322222	-3.10345	2.7705	15.4904	4.96995	1
cg14293098	0.00579714	0.453923	-2.20302	0.778086	0.940124	-1.06369	0.847047	0.958677	-1.0431	0.358691	1.22907	1.22907	2.77049	2.09557	0.672346	1
cg20980408	0.424239	1.16679	1.16679	0.088429	1.42659	1.42659	0.208723	0.77843	-1.28464	0.312409	0.820773	-1.21836	2.77049	1.56755	0.502937	1
cg01087485	0.869926	1.05421	1.05421	0.0142957	0.377865	-2.64645	0.421504	0.767567	-1.30282	0.239053	0.672191	-1.48767	2.77048	4.55371	1.46103	1
cg12254515	?	?	?	0.881084	0.934383	-1.07023	?	?	?	0.700289	1.19168	1.19168	2.96921	5.37025	2.89383	1
cg27274377	0.259307	0.771738	-1.29578	0.0417889	1.67639	1.67639	0.989648	1.00286	1.00286	0.0754106	0.64673	-1.54624	2.77042	2.12712	0.682486	1
cg00578885	0.823776	1.10933	1.10933	0.821035	1.11116	1.11116	0.0492091	0.35193	-2.84147	0.541511	1.3331	1.3331	2.7704	9.49481	3.04643	1
cg00884093	0.342637	3.25678	3.25678	0.434186	0.381478	-2.62138	0.00409524	104.772	104.772	0.321814	3.44204	3.44204	2.77038	63.993	20.5324	1
cg01673780	0.984681	0.994838	-1.00519	0.00337342	0.341365	-2.92942	0.942549	0.980759	-1.01962	0.689658	0.897446	-1.11427	2.77038	3.18837	1.023	1
cg22872478	0.674323	0.787669	-1.26957	0.147395	0.415646	-2.4059	0.259227	0.552148	-1.81113	0.834624	1.12531	1.12531	2.77037	13.993	4.48972	1
cg06017059	0.45736	0.819509	-1.22024	0.600768	1.14897	1.14897	0.0700149	1.42827	1.42827	0.128725	1.54074	1.54074	2.80396	2.73036	0.973754	1
cg05800339	0.0423764	2.46337	2.4673	0.0216977	2.89986	2.89986	0.0431895	2.45607	2.45607	0.117837	1.92722	1.92722	2.77036	6.54808	2.10099	1
cg09646754	0.200538	0.74699	-1.33871	0.647527	0.905457	-1.10441	0.0598016	0.632406	-1.58126	0.169376	0.729168	-1.37143	2.77034	2.04234	0.655304	1
cg00443073	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19767548	0.836696	0.861772	-1.1604	0.148936	3.0516	3.0516	0.442943	1.75741	1.75741	0.725702	1.28903	1.28903	2.77031	22.7945	7.31389	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23290482	C17orf98	0.0830673	0.997455	0.999223	-1.00078	0.153953	1.45061	1.45061	0.888097	0.966269	-1.03491	0.0369541	1.80486	1.80486	0.118115	0.661313	-1.51214	0.0147124	2.07875	2.07875	0.0810282	1.60233	1.60233	0.430537	1.21663	1.21663	0.368962	1.25217	1.25217	2.7703	2.60597	0.836162	1
cg01204271	YBX2	0.0830687	0.447716	1.56294	1.56294	0.820474	1.13978	1.13978	0.447321	1.56358	1.56358	0.733429	0.821331	-1.21754	0.764541	1.18879	1.18879	?	?	?	0.0243421	4.89416	4.89416	0.0132533	0.160674	-6.2238	0.336146	1.77426	1.77426	2.99522	13.6693	3.99324	1
cg05235171	TMPRSS4;TMPRSS4	0.0830714	0.0293713	0.182864	-5.46854	0.0261087	0.174159	-5.74187	0.141655	0.351221	-2.84721	0.083799	0.281693	-3.54997	0.0214912	0.160613	-6.22614	0.168985	0.378958	-2.63881	0.202423	0.410217	-2.43773	0.0346028	0.195668	-5.11069	0.178117	0.387751	-2.57898	2.77025	19.2348	6.17186	1
cg17055950	FLII	0.0830721	0.574559	0.914714	-1.09324	0.138777	0.778444	-1.28461	0.230708	0.820684	-1.2185	0.681286	1.06706	1.06706	0.00336808	0.534276	-1.87169	0.167086	0.793344	-1.26049	0.698033	1.06319	1.06319	0.512613	1.11001	1.11001	0.165149	0.792392	-1.262	2.77024	1.08383	0.34777	1
cg02245743	AURKB	0.0830723	0.844139	1.06551	1.06551	0.485342	1.25678	1.25678	0.862294	0.945572	-1.05756	0.538381	1.2224	1.2224	0.420534	1.30379	1.30379	0.611867	0.847938	-1.17933	0.00245859	0.257215	-3.8878	0.146613	0.605172	-1.65242	0.833097	0.934238	-1.07039	2.77023	4.55909	1.46288	1
cg19882774	CAD	0.083074	0.288084	0.689281	-1.45079	0.0130899	0.354043	-2.82452	0.211748	0.641574	-1.55867	0.802704	0.919006	-1.08813	0.0370751	0.441861	-2.26315	0.0538024	0.477725	-2.09325	0.0788525	0.51767	-1.93173	0.26656	1.47779	1.47779	0.334403	0.714707	-1.39918	2.77021	4.99409	1.60248	1
cg04817190	H19	0.0830751	0.490197	1.36002	1.36002	0.0529298	2.62498	2.62498	0.109648	2.14937	2.14937	0.731158	1.16337	1.16337	0.0278224	3.12877	3.12877	0.229292	1.73927	1.73927	0.00687088	4.64387	4.64387	0.0794391	2.3494	2.3494	0.72323	1.16883	1.16883	2.77019	8.44493	2.70977	1
cg22505086	DLX6AS;DLX6	0.083076	0.0517544	3.53387	3.53387	0.293143	0.536916	-1.86249	0.52914	0.69518	-1.43848	0.10503	0.364165	-2.74601	0.174067	2.28103	2.28103	0.190546	0.453622	-2.20448	0.0985954	0.355965	-2.80927	0.0672479	3.22056	3.22056	0.996414	1.00257	1.00257	2.77018	14.2684	4.57839	1
cg26367235	HDAC4	0.0830762	0.744613	0.948565	-1.05422	0.449262	1.13265	1.13265	0.446629	0.882219	-1.13351	0.81115	0.962068	-1.03943	0.0244748	0.648573	-1.54185	0.12852	0.766899	-1.30395	0.0137957	1.63514	1.63514	0.447934	1.13308	1.13308	0.884214	1.02382	1.02382	2.77018	1.14499	0.367403	1
cg26333802	CHRNE	0.0830775	0.0780023	0.678267	-1.47434	0.170986	1.33507	1.33507	0.650349	0.91351	-1.09468	0.594092	0.898857	-1.11252	0.503063	0.873953	-1.14423	0.0837745	1.46135	1.46135	0.0691938	0.668287	-1.49636	0.0265374	0.593769	-1.68416	0.506903	1.1428	1.1428	2.77016	1.72416	0.553249	1
cg21200380	C1QBP;C1QBP	0.0830794	0.338401	0.914115	-1.09395	0.373564	1.08667	1.08667	0.771528	1.02685	1.02685	0.953352	0.994691	-1.00534	0.0151875	1.31177	1.31177	0.130329	1.1603	1.1603	0.873428	0.985597	-1.01461	0.514368	1.06202	1.06202	0.00845973	1.35788	1.35788	2.77013	0.363286	0.116572	1
cg03301075	MRGPRE	0.08308	0.447865	0.839189	-1.19163	0.923553	1.02199	1.02199	0.0323139	0.566611	-1.76488	0.0165547	0.515064	-1.94151	0.273596	0.77242	-1.29463	0.194246	0.732518	-1.36515	0.491687	1.17151	1.17151	0.0743836	1.56921	1.56921	0.938288	0.982603	-1.0177	2.77013	2.25373	0.723184	1
cg26009195	CDC25B;CDC25B;CDC25B	0.0830806	0.45372	0.871705	-1.14718	0.0385908	0.649837	-1.53885	0.139916	1.33073	1.33073	0.0808256	0.705885	-1.41666	0.105298	1.37489	1.37489	0.288927	1.21902	1.21902	0.144271	1.326	1.326	0.630116	1.09122	1.09122	0.195206	1.27951	1.27951	2.77012	1.41992	0.45563	1
cg05355679	SNORD55;SNORD46;RPS8	0.0830815	0.111187	1.15695	1.15695	0.673526	1.03624	1.03624	0.0414001	1.21851	1.21851	0.446787	1.06732	1.06732	0.677098	1.03581	1.03581	0.0389566	1.22239	1.22239	0.55204	1.05185	1.05185	0.0259387	0.800819	-1.24872	0.629577	0.95999	-1.04168	2.77011	0.309687	0.0993742	1
cg05881697	C4orf27	0.0830907	0.979451	1.0104	1.0104	0.0523566	2.42564	2.42564	0.347839	1.47429	1.47429	0.571029	1.2585	1.2585	0.0178983	0.314854	-3.17607	0.508401	1.30922	1.30922	0.0391948	0.38354	-2.60729	0.722931	1.15369	1.15369	0.534536	1.28738	1.28738	2.76998	7.07518	2.27043	1
cg23181899	LPP;LPP;LPP	0.0830944	0.135787	0.713458	-1.40162	0.21572	0.760592	-1.31476	0.0376905	0.602723	-1.65914	0.293516	0.795443	-1.25716	0.0448833	0.616618	-1.62175	0.978741	0.994419	-1.00561	0.0503746	1.59752	1.59752	0.456291	0.852696	-1.17275	0.31156	1.24593	1.24593	2.76993	1.93517	0.621008	1
cg20423581	BTBD9;BTBD9;BTBD9	0.0830969	0.28396	0.778159	-1.28508	0.411824	0.827714	-1.20815	0.0913639	0.657739	-1.52036	0.803832	0.945463	-1.05768	0.00340431	0.407792	-2.45223	0.170154	0.719496	-1.38986	0.140941	0.699893	-1.42879	0.317252	1.26233	1.26233	0.583722	0.882768	-1.1328	2.76989	2.22747	0.714821	1
cg01258484	PKNOX1	0.083097	0.190572	1.4073	1.4073	0.0317317	1.86013	1.86013	0.0380205	1.80922	1.80922	0.896231	1.03269	1.03269	0.337271	0.783592	-1.27617	0.621816	1.13039	1.13039	0.486478	0.840041	-1.19042	0.0255713	1.92304	1.92304	0.0871571	1.59298	1.59298	2.76989	2.6657	0.855454	1
cg19564512	NKG7	0.0830979	0.0731778	0.428682	-2.33273	0.641374	1.22	1.22	0.150749	0.520577	-1.92095	0.218189	0.577488	-1.73164	0.0117214	0.263202	-3.79937	0.105781	0.472855	-2.11481	0.0246403	0.321628	-3.10918	0.070319	0.42419	-2.35744	0.502677	0.749488	-1.33424	2.76988	7.88303	2.52976	1
cg26010734	EPHX3;EPHX3	0.0830983	0.0702836	24.5929	24.5929	0.0597087	28.8782	28.8782	0.142843	12.0934	12.0934	0.116769	14.8377	14.8377	0.0395605	43.2831	43.2831	0.137015	12.6188	12.6188	0.0252882	67.3317	67.3317	0.0321922	53.0266	53.0266	0.0452697	37.9102	37.9102	2.76987	109.896	35.2669	1
cg24194539	AIM1;AIM1	0.0830987	0.62747	0.843356	-1.18574	0.918453	1.03632	1.03632	0.451361	0.765424	-1.30646	0.272381	1.48884	1.48884	0.337253	0.708466	-1.4115	0.647852	0.851971	-1.17375	0.119463	0.555107	-1.80145	0.00403614	3.83966	3.83966	0.918784	1.03617	1.03617	2.76987	5.32396	1.70853	1
cg24749470	CADM1;CADM1	0.0831007	0.0253671	0.257293	-3.88662	0.175856	0.479427	-2.08582	0.344336	0.608027	-1.64466	0.670105	0.803413	-1.24469	0.00802002	0.176358	-5.67029	0.0869326	0.380749	-2.6264	0.19944	0.50033	-1.99868	0.834652	1.11267	1.11267	0.0508272	0.320959	-3.11566	2.76984	11.4454	3.67302	1
cg18880897	ERAP2;ERAP2;ERAP2	0.0831009	0.0906741	0.171927	-5.81643	0.0488142	0.1194	-8.37522	0.0236083	0.0778437	-12.8463	?	?	?	0.251181	0.322239	-3.10329	0.0105602	0.0479131	-20.8711	0.345102	0.399106	-2.5056	0.504309	0.527274	-1.89655	0.812426	0.798879	-1.25175	2.80341	35.2134	12.5609	1
cg13370754	SSBP2	0.0831021	0.0624992	0.305748	-3.27066	0.350412	0.580842	-1.72164	0.0568736	0.295781	-3.38088	0.129194	0.395849	-2.52621	0.0557836	0.293778	-3.40393	0.0216521	0.210446	-4.7518	0.845099	1.11691	1.11691	0.747535	0.833139	-1.20028	0.0190308	0.200971	-4.97585	2.76982	14.0157	4.49791	1
cg06360427	GALR1	0.0831081	0.0323129	0.461207	-2.16823	0.812103	0.929109	-1.0763	0.192727	1.5306	1.5306	0.652414	0.869363	-1.15027	0.79471	0.922642	-1.08384	0.710943	0.891423	-1.1218	0.00881082	0.357086	-2.80045	0.392727	1.31042	1.31042	0.269732	1.42599	1.42599	2.76974	4.18208	1.34215	1
cg02948476	GSC	0.0831097	0.512286	0.807559	-1.2383	0.0500766	2.05137	2.05137	0.890548	0.956685	-1.04528	0.0141977	2.64587	2.64587	0.447493	0.779592	-1.28272	0.0458857	2.08749	2.08749	0.453184	0.782111	-1.27859	0.201603	1.54294	1.54294	0.222223	1.5107	1.5107	2.76972	4.53714	1.45611	1
cg01931678	TUSC2	0.0831097	0.874739	1.02121	1.02121	0.805542	1.03337	1.03337	0.639944	1.0647	1.0647	0.255244	0.853807	-1.17122	0.241205	1.17733	1.17733	0.00254234	0.57276	-1.74593	0.338896	0.87707	-1.14016	0.739142	0.956507	-1.04547	0.343931	0.878336	-1.13852	2.76972	0.776681	0.249262	1
cg02862674	TMEM151B	0.0831099	0.738428	1.05531	1.05531	0.0333889	1.4908	1.4908	0.293698	1.19119	1.19119	0.954087	1.00929	1.00929	0.0438538	1.45075	1.45075	0.753565	0.950672	-1.05189	0.0490393	0.697023	-1.43467	0.0842554	1.35907	1.35907	0.159616	1.27301	1.27301	2.76971	1.13173	0.363209	1
cg13665714	SMTN;SMTN;SMTN	0.0831109	0.298261	0.683947	-1.4621	0.864942	1.06181	1.06181	0.450261	1.31133	1.31133	0.171843	0.599033	-1.66936	0.00493194	0.269271	-3.71372	0.0305219	0.408359	-2.44882	0.170032	0.597565	-1.67346	0.579088	0.820847	-1.21825	0.347936	0.711431	-1.40562	2.7697	5.44507	1.7475	1
cg13406908	PRX;PRX	0.0831111	0.382335	0.630072	-1.58712	0.676761	1.2413	1.2413	0.00426418	0.139243	-7.1817	0.137987	0.438898	-2.27843	0.223274	0.516978	-1.93432	0.494521	1.42998	1.42998	0.634888	0.781425	-1.27971	0.407913	1.54719	1.54719	0.282406	1.77874	1.77874	2.7697	11.6606	3.74228	1
cg06699519	CD81	0.0831138	0.418265	1.79018	1.79018	0.279553	2.20657	2.20657	0.00632014	12.225	12.225	0.726903	1.27999	1.27999	0.356557	0.512943	-1.94953	0.284725	0.457341	-2.18655	0.465828	1.68625	1.68625	0.607381	1.44033	1.44033	0.0288128	6.14096	6.14096	2.76966	21.7418	6.97776	1
cg13660803	ROPN1L	0.0831139	?	?	?	0.374548	0.653303	-1.53068	0.352858	1.56313	1.56313	?	?	?	0.213863	0.541329	-1.8473	?	?	?	0.0350792	0.310304	-3.22265	0.955847	0.974571	-1.02609	0.0432512	3.02177	3.02177	3.08621	6.90399	2.60988	1
cg19721764	PLXNA2	0.0831163	0.0363664	0.358703	-2.78782	0.963978	1.01921	1.01921	0.311931	1.554	1.554	0.738348	0.868246	-1.15175	0.0125672	0.27035	-3.69891	0.72175	0.860111	-1.16264	0.0293722	0.339132	-2.94871	0.278448	0.621932	-1.60789	0.158869	0.530144	-1.88628	2.76962	7.79019	2.5002	1
cg15001547	RLN3	0.0831165	0.193965	0.485649	-2.0591	0.0118425	0.19178	-5.21431	0.0864168	0.369545	-2.70603	0.201271	0.491996	-2.03254	0.0219552	0.235869	-4.23965	0.0819776	0.363183	-2.75343	0.133104	0.426735	-2.34337	0.0430069	0.294109	-3.4001	0.137977	0.431954	-2.31506	2.76962	12.1155	3.88839	1
cg14035202	SLC2A6;SLC2A6	0.0831172	0.14418	0.557427	-1.79396	0.479926	1.30671	1.30671	0.938429	0.971632	-1.0292	0.213619	0.613957	-1.62878	0.00548614	0.256603	-3.89706	0.101946	0.513317	-1.94812	0.0420786	0.417911	-2.39286	0.84963	1.07326	1.07326	0.531696	0.78979	-1.26616	2.76961	6.08687	1.95354	1
cg03554174	SYNPO2;SYNPO2;SYNPO2	0.0831207	0.117485	0.584658	-1.7104	0.105498	1.74769	1.74769	0.851776	1.06083	1.06083	0.14298	0.608369	-1.64374	0.1055	0.572186	-1.74768	0.0872943	0.551032	-1.81478	0.0177939	0.402681	-2.48335	0.655064	0.867666	-1.15252	0.115988	0.583153	-1.71482	2.76956	4.37132	1.40297	1
cg22708168	FAT1	0.0831233	0.562117	1.174	1.174	0.131559	0.640483	-1.56132	0.118717	0.629071	-1.58964	0.55129	1.17937	1.17937	0.0796923	1.70285	1.70285	0.0884537	1.67266	1.67266	0.167498	1.49582	1.49582	0.400542	1.26556	1.26556	0.0249718	2.07527	2.07527	2.76953	3.28561	1.05453	1
cg05166508	FAM103A1	0.0831248	0.964007	1.00792	1.00792	0.242523	1.23824	1.23824	0.296166	1.20835	1.20835	0.736022	0.942596	-1.0609	0.947551	1.01156	1.01156	0.724991	0.940155	-1.06365	0.00523057	0.525381	-1.90338	0.0925386	1.38186	1.38186	0.288137	1.21249	1.21249	2.76951	1.33893	0.429736	1
cg27089768	TCL1A;TCL1A	0.0831249	0.0569613	8.19732	8.19732	0.0228307	14.3004	14.3004	0.122073	5.13792	5.13792	0.505839	1.93347	1.93347	0.0839644	6.47253	6.47253	0.247917	3.25352	3.25352	0.0215658	14.8105	14.8105	0.0532849	8.53592	8.53592	0.0417841	9.89212	9.89212	2.7695	41.8382	13.4282	1
cg11124142	LOC100129055	0.0831273	0.0176437	0.22201	-4.50431	0.0183052	0.22473	-4.44979	0.223478	0.513338	-1.94803	0.821165	0.88866	-1.12529	0.0201408	0.23193	-4.31165	0.102284	0.393675	-2.54017	0.586251	0.750866	-1.3318	0.117876	0.412586	-2.42374	0.188648	0.483768	-2.06711	2.76947	11.9223	3.82658	1
cg24904935	PPM1D	0.0831276	0.792056	1.08017	1.08017	0.00530541	0.342174	-2.92249	0.0286017	0.470569	-2.12509	0.869851	0.953265	-1.04903	0.925039	1.02785	1.02785	0.831537	1.06415	1.06415	0.251371	1.41876	1.41876	0.63908	1.14783	1.14783	0.550815	0.838481	-1.19263	2.76947	3.73681	1.19937	1
cg00551387	ARHGAP21	0.0831278	0.430243	1.16956	1.16956	0.7307	1.06952	1.06952	0.0971569	0.701767	-1.42497	0.474321	1.15205	1.15205	0.169221	0.752084	-1.32964	0.267293	1.25209	1.25209	0.030552	1.63949	1.63949	0.1152	1.39539	1.39539	0.0783963	0.683627	-1.46279	2.76947	1.65987	0.532754	1
cg01524923	HSPA12B	0.0831289	0.579324	1.24273	1.24273	0.329716	1.47749	1.47749	0.127985	0.528041	-1.89379	0.353913	1.44792	1.44792	0.0176068	0.326026	-3.06724	0.0255319	0.357076	-2.80052	0.158122	0.556787	-1.79602	0.217722	0.604587	-1.65402	0.478375	0.756012	-1.32273	2.76945	6.60546	2.1201	1
cg01458105	STK32C	0.0831311	0.660582	0.88053	-1.13568	0.392559	0.77709	-1.28685	0.104794	0.600233	-1.66602	0.207921	0.682279	-1.46568	0.169365	1.52431	1.52431	0.687943	1.12328	1.12328	0.0161583	2.33337	2.33337	0.262866	1.3995	1.3995	0.118194	0.613579	-1.62978	2.76942	3.6364	1.16716	1
cg10830713	USP1;USP1;USP1	0.0831368	0.0241611	0.18752	-5.33277	0.361538	0.557664	-1.79319	0.860718	0.896414	-1.11556	0.111694	0.340056	-2.94069	0.0381535	0.22397	-4.46488	0.43601	0.609684	-1.64019	0.00967705	0.130247	-7.6777	0.067831	0.279818	-3.57375	0.206669	0.436366	-2.29165	2.76934	17.0043	5.45794	1
cg09359802	MAPK8;MAPK8;MAPK8;MAPK8	0.0831369	0.0234247	0.391791	-2.55238	0.71554	1.13502	1.13502	0.404461	0.744385	-1.34339	0.522963	1.25112	1.25112	0.0132461	0.345633	-2.89324	0.0790386	0.509245	-1.96369	0.0961659	0.531401	-1.88182	0.650292	1.1711	1.1711	0.263814	0.668254	-1.49644	2.76934	5.25239	1.68589	1
cg14090487	GGA1;GGA1;GGA1	0.0831369	0.00802286	0.586204	-1.70589	0.961372	1.00764	1.00764	0.702304	0.941408	-1.06224	0.396558	0.87241	-1.14625	0.180494	1.25056	1.25056	0.450041	1.12864	1.12864	0.153659	0.78649	-1.27147	0.0504837	0.704357	-1.41973	0.196658	0.80684	-1.2394	2.76934	1.08422	0.348007	1
cg26646392	ZNF17	0.0831381	0.173332	0.722494	-1.38409	0.0124067	2.0102	2.0102	0.905529	1.02699	1.02699	0.100737	0.668093	-1.4968	0.132944	1.43867	1.43867	0.450826	1.18812	1.18812	0.377777	0.816247	-1.22512	0.336373	0.800601	-1.24906	0.2995	1.27282	1.27282	2.76932	2.20772	0.708626	1
cg07096218	TMEM56	0.0831381	0.589768	1.11287	1.11287	0.0406956	0.628616	-1.5908	0.0617554	0.661438	-1.51186	0.0656158	0.666358	-1.50069	0.630612	0.909201	-1.09987	0.841212	0.961357	-1.0402	0.669078	0.918997	-1.08814	0.639718	1.09705	1.09705	0.00831957	0.515474	-1.93996	2.76932	1.69293	0.543393	1
cg11343429	PPP2R2C	0.0831386	0.144099	0.723937	-1.38134	0.0752559	0.665139	-1.50344	0.0193291	0.558567	-1.79029	0.863327	1.03611	1.03611	0.352867	0.821354	-1.2175	0.532913	1.13885	1.13885	0.633029	1.1041	1.1041	0.0191658	0.55795	-1.79227	0.0895176	0.680185	-1.47019	2.76932	1.85881	0.596636	1
cg00514609	CRYAB;HSPB2	0.0831402	0.197824	0.772524	-1.29446	0.142053	1.34891	1.34891	0.601935	0.905028	-1.10494	0.883531	1.02818	1.02818	0.0647124	0.674756	-1.48202	0.904057	0.977395	-1.02313	0.0293797	1.62664	1.62664	0.902988	1.02339	1.02339	0.0361467	1.58727	1.58727	2.76929	1.57686	0.506142	1
cg00144465	GTF3C1;KIAA0556	0.0831413	0.109399	1.87279	1.87279	0.24381	1.55013	1.55013	0.174925	1.67969	1.67969	0.29103	0.674456	-1.48268	0.95305	0.979058	-1.02139	0.433304	1.33297	1.33297	0.0235799	0.378396	-2.64273	0.0439694	0.435141	-2.29811	0.967569	0.985492	-1.01472	2.76928	5.66687	1.81896	1
cg25881851	AP2A2	0.0831429	0.0846515	0.475618	-2.10253	0.290396	1.53351	1.53351	0.248056	1.60087	1.60087	0.127545	0.526201	-1.90041	0.0134311	0.303372	-3.29628	0.326415	0.673809	-1.4841	0.0960123	0.490509	-2.0387	0.857064	1.07278	1.07278	0.157408	0.554807	-1.80243	2.76926	6.65955	2.13761	1
cg05337024	TMEM159;DNAH3	0.0831436	0.0833468	4.69462	4.69462	0.0287131	0.124735	-8.01698	?	?	?	?	?	?	?	?	?	?	?	?	0.743742	0.767483	-1.30296	0.856267	0.863922	-1.15751	?	?	?	3.06522	14.0428	9.16265	1
cg11731626	TCIRG1	0.0831437	0.0388237	4.87497	4.87497	0.0386835	4.88223	4.88223	0.0309737	5.35085	5.35085	0.141618	2.84788	2.84788	0.926021	0.940353	-1.06343	0.172838	2.61335	2.61335	0.205254	2.423	2.423	0.359475	0.535842	-1.86622	0.0463063	4.53404	4.53404	2.76924	19.2324	6.17333	1
cg10956857	PRDM16;PRDM16	0.0831452	0.608306	1.20759	1.20759	0.0106549	3.22739	3.22739	0.00699394	3.5711	3.5711	0.193831	1.65148	1.65148	0.826674	1.08331	1.08331	0.323543	1.45074	1.45074	0.193976	1.65118	1.65118	0.249106	1.55207	1.55207	0.101457	1.92393	1.92393	2.76922	5.84029	1.87467	1
cg21432842	CSF3;CSF3;CSF3;CSF3;CSF3;CSF3	0.0831453	0.0820529	1.73455	1.73455	0.24799	1.41233	1.41233	0.32921	0.749871	-1.33356	0.595804	0.8581	-1.16536	0.058775	0.543242	-1.8408	0.831704	0.940978	-1.06272	0.0131914	2.4069	2.4069	0.720679	0.902459	-1.10808	0.356917	1.31108	1.31108	2.76922	3.58386	1.15038	1
cg18108695	SLC19A1	0.0831462	0.75808	0.935923	-1.06846	0.347973	0.812915	-1.23014	0.385068	1.21032	1.21032	0.300583	0.794592	-1.25851	0.151559	0.719387	-1.39007	0.408958	0.834414	-1.19845	0.0178398	0.539412	-1.85387	0.0241616	1.77933	1.77933	0.647036	1.10387	1.10387	2.76921	2.01512	0.646832	1
cg12407421	PAX7;PAX7;PAX7	0.0831467	0.295316	1.35188	1.35188	0.460707	1.232	1.232	0.0122502	0.420275	-2.37939	0.116819	0.622926	-1.60533	0.709973	0.901427	-1.10935	0.285062	1.36134	1.36134	0.122204	1.59257	1.59257	0.13915	0.642618	-1.55613	0.523568	0.83562	-1.19672	2.7692	3.38472	1.08646	1
cg25296982	TTLL9	0.083147	0.0597182	0.735839	-1.35899	0.0811324	1.32203	1.32203	0.0529989	1.37362	1.37362	0.995397	1.00083	1.00083	0.74137	1.04898	1.04898	0.253473	0.841832	-1.18789	0.0435688	0.715328	-1.39796	0.432981	1.12245	1.12245	0.491229	0.903989	-1.10621	2.7692	0.914093	0.293416	1
cg00390654	SKI	0.0831483	0.350939	0.874355	-1.1437	0.351623	0.874531	-1.14347	0.0319619	0.703629	-1.4212	0.0983565	0.776052	-1.28857	0.83055	0.970473	-1.03043	0.219034	1.19816	1.19816	0.0186533	1.49004	1.49004	0.915493	0.985264	-1.01496	0.837691	1.0291	1.0291	2.76918	0.857882	0.275374	1
cg09960109	PCDH10;PCDH10	0.0831496	0.56947	0.888835	-1.12507	0.58575	1.11942	1.11942	0.00308158	0.435886	-2.29418	0.646863	1.09917	1.09917	0.140231	1.3844	1.3844	0.490093	1.15454	1.15454	0.333069	0.814917	-1.22712	0.821458	0.954725	-1.04742	0.81424	1.04943	1.04943	2.76916	1.84278	0.591525	1
cg25667676	CADPS2;CADPS2;CADPS2	0.0831519	0.147042	0.52381	-1.90909	0.292226	0.635032	-1.57472	0.195347	0.566035	-1.76667	0.0984484	0.47094	-2.12341	0.00539756	0.218299	-4.58087	0.320752	0.652924	-1.53157	0.0417627	0.377122	-2.65166	0.241981	0.601172	-1.66342	0.0350358	0.360391	-2.77476	2.76913	7.57253	2.43077	1
cg16387046	MUCL1	0.0831542	0.0261956	0.161304	-6.19949	0.35297	0.516278	-1.93694	0.331496	0.500047	-1.99981	0.122526	0.314261	-3.18206	0.0898484	0.274357	-3.64489	0.0624241	0.234417	-4.2659	0.0343626	0.181364	-5.51379	0.0135383	0.120772	-8.28004	0.104157	0.292611	-3.41751	2.7691	20.984	6.73593	1
cg10335743	DDC	0.0831551	0.458073	1.48085	1.48085	0.339433	1.66955	1.66955	0.596807	0.758042	-1.31919	0.928957	1.04729	1.04729	0.0819778	0.362495	-2.75866	0.89179	0.931895	-1.07308	0.00465834	0.12968	-7.71129	0.980766	1.01257	1.01257	0.10041	0.388326	-2.57515	2.96145	12.3281	3.23776	1
cg26670875	MYH7	0.0831581	0.0503405	0.377302	-2.6504	0.0581743	0.392406	-2.54838	0.466526	1.3823	1.3823	0.530934	1.31959	1.31959	0.229235	0.576221	-1.73545	0.244905	0.587745	-1.70142	0.0624917	0.400111	-2.49931	0.0145109	0.268269	-3.7276	0.179444	0.536318	-1.86457	2.76905	8.37209	2.68752	1
cg13084994	LOC643677	0.0831607	0.0447611	0.225688	-4.43089	0.0850162	0.292133	-3.4231	0.267257	0.473884	-2.11022	0.393979	0.568827	-1.758	0.0278955	0.186587	-5.35944	0.064569	0.261448	-3.82485	0.0220651	0.169666	-5.89394	0.228888	0.442233	-2.26125	0.0260277	0.181429	-5.51181	2.76901	18.31	5.87777	1
cg06007947	PSD3;PSD3	0.0831626	0.553971	1.23945	1.23945	0.251711	1.53631	1.53631	0.290343	1.48216	1.48216	0.411649	1.35124	1.35124	0.0102084	0.313065	-3.19423	0.895296	1.04835	1.04835	0.200037	1.62486	1.62486	0.0445189	2.28715	2.28715	0.263575	1.51878	1.51878	2.76898	5.63889	1.81018	1
cg05726118	CTNNB1;CTNNB1;CTNNB1	0.0831627	0.415103	0.631182	-1.58433	0.00450674	8.09544	8.09544	0.0881987	2.8272	2.8272	0.608021	0.751429	-1.3308	0.309083	0.559057	-1.78873	0.937714	1.04412	1.04412	0.505262	0.68836	-1.45273	0.331094	1.74014	1.74014	0.636657	0.768855	-1.30064	2.76898	13.3825	4.29599	1
cg26944011	CASC1;LYRM5;CASC1;CASC1	0.0831633	0.847232	1.04786	1.04786	0.0723354	1.62593	1.62593	0.485198	1.18757	1.18757	0.937943	0.981304	-1.01905	0.00390873	0.390054	-2.56375	0.312405	0.776247	-1.28825	0.827208	0.948392	-1.05442	0.496139	0.845782	-1.18234	0.680231	1.10567	1.10567	2.76897	2.57646	0.827087	1
cg23729763	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.0831636	0.617865	0.791483	-1.26345	0.00467878	5.74446	5.74446	0.0900366	2.38386	2.38386	0.209828	0.540913	-1.84873	0.480924	0.716694	-1.3953	0.504817	0.730039	-1.36979	0.928407	1.04267	1.04267	0.545941	1.32862	1.32862	0.520324	0.738616	-1.35388	2.76897	9.48034	3.04336	1
cg20690667	KIAA1949;KIAA1949	0.0831643	0.134543	0.557307	-1.79434	0.492206	0.776659	-1.28757	0.600195	0.825614	-1.21122	0.0289554	0.393364	-2.54218	0.029035	0.393608	-2.5406	0.849982	0.93369	-1.07102	0.00598737	0.272072	-3.6755	0.733523	0.883537	-1.13181	0.402671	0.733204	-1.36388	2.76896	5.7579	1.84839	1
cg14488288	THBS2	0.0831648	0.52265	0.835596	-1.19675	0.13533	0.640031	-1.56242	0.00333989	0.330468	-3.02601	0.917656	1.02908	1.02908	0.450561	0.808064	-1.23753	0.388438	0.782677	-1.27767	0.647637	1.13606	1.13606	0.514502	0.832566	-1.20111	0.0333281	0.501835	-1.99269	2.76895	3.37012	1.08188	1
cg08380205	SPSB4	0.083165	0.761952	1.15569	1.15569	0.24823	1.77692	1.77692	0.276374	0.583193	-1.7147	0.835646	1.104	1.104	0.49656	0.719803	-1.38927	0.738914	1.17269	1.17269	0.0085007	4.95127	4.95127	0.0473723	2.94598	2.94598	0.0542262	2.83058	2.83058	2.76895	9.94725	3.19327	1
cg17274881	FRAS1;FRAS1	0.0831662	0.442258	1.13021	1.13021	0.101056	0.755377	-1.32384	0.318248	0.851155	-1.17487	0.0865853	0.743988	-1.34411	0.425769	1.13548	1.13548	0.613753	0.923568	-1.08276	0.00937128	1.67316	1.67316	0.790238	0.959205	-1.04253	0.364406	0.864497	-1.15674	2.76893	1.07034	0.343601	1
cg14418115	BCL11A;BCL11A;BCL11A	0.0831674	0.513366	1.34463	1.34463	0.852014	0.919958	-1.08701	0.14893	0.500828	-1.99669	0.60192	1.26506	1.26506	0.00754347	0.215288	-4.64494	0.995575	0.997526	-1.00248	0.0908169	0.435063	-2.29852	0.122959	2.10974	2.10974	0.24902	0.583763	-1.71302	2.76892	8.75191	2.80957	1
cg17514123	ZNF251	0.0831676	0.163372	0.42618	-2.34643	0.369906	1.69542	1.69542	0.530897	0.694938	-1.43898	0.273829	0.520551	-1.92104	0.00515211	0.120274	-8.31436	0.146246	0.408934	-2.44538	0.0445481	0.266461	-3.7529	0.126634	0.387775	-2.57882	0.402364	0.611794	-1.63454	2.76891	14.4149	4.62754	1
cg04334947	KATNAL1;KATNAL1	0.0831683	0.447435	0.659627	-1.51601	0.256641	1.8938	1.8938	0.202573	2.06859	2.06859	0.918432	1.05642	1.05642	0.0316752	0.250543	-3.99132	0.739329	0.836086	-1.19605	0.0290104	4.11871	4.11871	0.0729078	0.336091	-2.97538	0.600617	1.32766	1.32766	2.96124	13.1812	3.46208	1
cg21872764	CLDN5;CLDN5;CLDN5	0.0831686	0.0402543	22.2361	22.2361	0.0589291	16.3119	16.3119	0.211797	5.59382	5.59382	0.0819921	12.4584	12.4584	0.171437	6.72473	6.72473	0.0434642	20.8913	20.8913	0.0392161	22.7138	22.7138	0.0284819	29.483	29.483	0.0478706	19.3144	19.3144	2.7689	75.1305	24.1188	1
cg14610973	SCO1;C17orf48	0.0831688	0.0540853	0.703508	-1.42145	0.128527	1.30246	1.30246	0.462769	1.12776	1.12776	0.0283979	1.5161	1.5161	0.0455078	1.44618	1.44618	0.323379	0.848683	-1.1783	0.29582	1.19051	1.19051	0.31879	1.18026	1.18026	0.561161	1.09913	1.09913	2.7689	1.13467	0.364258	1
cg18853287	ADAM8;ADAM8;ADAM8	0.0831735	0.0452153	0.666044	-1.5014	0.0798743	0.709088	-1.41026	0.305507	0.828879	-1.20645	0.603285	1.09718	1.09718	0.612972	0.913724	-1.09442	0.0169984	0.597609	-1.67333	0.084097	1.40224	1.40224	0.935211	0.985722	-1.01449	0.670738	1.07858	1.07858	2.76883	1.37208	0.440484	1
cg25694790	DSTN;DSTN	0.0831736	0.216692	1.75442	1.75442	0.0869378	0.441539	-2.2648	0.4059	0.69232	-1.44442	0.0450876	2.70283	2.70283	0.693057	1.18715	1.18715	0.409235	1.44049	1.44049	0.20457	0.560509	-1.78409	0.0210023	3.32232	3.32232	0.837937	0.915245	-1.0926	2.76883	8.20057	2.63266	1
cg14212314	HSPE1;HSPE1;HSPD1;HSPD1	0.0831762	0.0370539	0.681861	-1.46658	0.0368793	1.46726	1.46726	0.472693	1.12245	1.12245	0.677168	0.935927	-1.06846	0.116936	0.76386	-1.30914	0.0433655	0.692484	-1.44408	0.97571	0.995196	-1.00483	0.598171	0.919326	-1.08775	0.414591	1.14099	1.14099	2.7688	1.09688	0.35214	1
cg25404074	DST;DST;DST;DST;DST;DST;DST	0.0831763	0.0217889	2.02459	2.02459	0.715487	1.09832	1.09832	0.265131	0.742656	-1.34652	0.368293	1.26711	1.26711	0.252367	1.35841	1.35841	0.0495803	1.77525	1.77525	0.0279722	1.94489	1.94489	0.0907019	1.61202	1.61202	0.0977599	1.59266	1.59266	2.76879	2.87813	0.923989	1
cg10198565	CHD8;SNORD8;CHD8	0.0831775	0.138789	0.668628	-1.4956	0.246702	0.73639	-1.35798	0.410001	0.808284	-1.23719	0.0202955	0.493206	-2.02755	0.0692388	0.598411	-1.67109	0.0638423	0.590822	-1.69256	0.172167	1.44354	1.44354	0.254521	1.35059	1.35059	0.993502	1.00206	1.00206	2.76878	2.79825	0.898351	1
cg06590173	TPM4;TPM4	0.0831799	0.0688713	0.417136	-2.3973	0.434276	0.709909	-1.40863	0.0716872	0.421635	-2.37172	0.126186	0.491371	-2.03512	0.0182609	0.292196	-3.42235	0.299012	0.62986	-1.58765	0.0227098	0.309997	-3.22583	0.0319852	0.339899	-2.94205	0.0896587	0.447753	-2.23337	2.76874	8.08699	2.59628	1
cg12317515	GFM2;NSA2;GFM2;GFM2	0.0831811	0.0196388	0.660875	-1.51315	0.497696	0.90379	-1.10645	0.196609	1.22214	1.22214	0.821908	0.967416	-1.03368	0.844888	0.971629	-1.0292	0.15302	1.25214	1.25214	0.182117	1.23132	1.23132	0.18188	1.23147	1.23147	0.0453246	1.40125	1.40125	2.76873	0.946725	0.303942	1
cg08025511	SLC9A5	0.0831816	0.781284	1.05684	1.05684	0.0154875	1.80384	1.80384	0.659203	1.09216	1.09216	0.940102	1.01504	1.01504	0.264977	1.25957	1.25957	0.527266	1.13569	1.13569	0.0140458	0.547528	-1.82639	0.430109	0.852161	-1.17349	0.401378	1.18603	1.18603	2.76872	1.73026	0.555493	1
cg06268327	FLRT1;MACROD1	0.0831826	0.0873617	2.40793	2.40793	0.299199	1.65034	1.65034	0.264997	0.58223	-1.71754	0.442329	1.44014	1.44014	0.0477806	0.348615	-2.8685	0.871758	0.927539	-1.07812	0.118678	0.454466	-2.20039	0.0319996	3.22152	3.22152	0.690114	1.20514	1.20514	2.76871	9.50629	3.05198	1
cg16543876	ZFYVE1;ZFYVE1	0.0831865	0.536882	1.074	1.074	0.00870489	0.682703	-1.46477	0.132758	0.830941	-1.20345	0.60122	0.941568	-1.06206	0.129291	0.829332	-1.20579	0.610769	1.06036	1.06036	0.894561	1.01525	1.01525	0.0190139	0.723121	-1.38289	0.696938	0.956299	-1.0457	2.76865	0.571605	0.183516	1
cg03660710	TRABD	0.0831877	0.0500704	0.290472	-3.44268	0.158775	0.434543	-2.30127	0.0259921	0.231733	-4.3153	0.052175	0.29461	-3.39432	0.0390507	0.266688	-3.7497	0.0484382	0.287183	-3.4821	0.0575151	0.304644	-3.28252	0.990912	0.993718	-1.00632	0.133049	0.407892	-2.45163	2.76864	13.4255	4.31035	1
cg03261800	PAX5	0.0831887	0.0310746	8.63735	8.63735	0.426522	1.99711	1.99711	0.996554	0.996328	-1.00369	0.215611	3.03534	3.03534	0.0510513	6.64005	6.64005	0.399539	0.479634	-2.08492	0.290697	0.392921	-2.54504	0.0265003	9.40163	9.40163	0.0942483	4.7936	4.7936	2.76862	31.8251	10.2177	1
cg04072597	CRLF1	0.0831889	0.0666484	0.265819	-3.76195	0.0139842	0.141493	-7.0675	0.2832	0.487534	-2.05114	0.0603396	3.91494	3.91494	0.825449	1.15293	1.15293	0.207765	0.424941	-2.35327	0.217199	0.433223	-2.30828	0.380602	0.560208	-1.78505	0.628514	1.36904	1.36904	2.76862	18.202	5.84392	1
cg11279933	TSPAN15;TSPAN15	0.0831893	0.914639	1.01823	1.01823	0.731797	0.943688	-1.05967	0.789017	0.955822	-1.04622	0.613827	0.917848	-1.0895	0.588039	0.91198	-1.09652	0.273699	0.825392	-1.21155	0.00130534	0.454478	-2.20033	0.896934	1.02207	1.02207	0.997539	1.00052	1.00052	2.76862	1.24451	0.399561	1
cg06336221	SKIV2L	0.0831895	0.112527	1.51605	1.51605	0.319117	0.780371	-1.28144	0.493284	0.845713	-1.18243	0.905	1.02917	1.02917	0.131072	0.675262	-1.48091	0.0204608	0.51033	-1.95952	0.566525	0.869753	-1.14975	0.0390122	1.77792	1.77792	0.440455	0.827387	-1.20862	2.76861	2.54369	0.816676	1
cg06655225	C18orf32;MIR1539	0.0831899	0.796889	0.968274	-1.03277	0.265381	0.864947	-1.15614	0.247248	0.859651	-1.16326	0.659974	1.0569	1.0569	0.245535	1.16396	1.16396	0.986455	1.00212	1.00212	0.00391208	0.615413	-1.62492	0.179564	1.19505	1.19505	0.614973	0.938571	-1.06545	2.76861	0.685162	0.219978	1
cg14090880	MAST1	0.083193	0.00624601	2.34336	2.34336	0.843125	1.04848	1.04848	0.35979	0.798534	-1.25229	0.169282	1.41892	1.41892	0.904723	1.02903	1.02903	0.115165	1.50575	1.50575	0.0580653	1.66841	1.66841	0.385959	0.808664	-1.23661	0.405833	1.22533	1.22533	2.76856	2.50353	0.803797	1
cg09754272	C1orf61	0.0831938	0.0291681	0.0725468	-13.7842	0.0172245	0.0517116	-19.338	0.100557	0.159447	-6.27169	0.23932	0.284299	-3.51743	0.083342	0.141348	-7.07476	0.247405	0.291013	-3.43627	0.0218892	0.0603678	-16.5651	0.887154	0.865085	-1.15596	0.0903328	0.148828	-6.71916	2.76855	45.6805	14.6665	1
cg11774227	C14orf119;ACIN1;ACIN1;ACIN1	0.0831957	0.813078	0.910605	-1.09817	0.546417	0.785599	-1.27291	0.297986	1.53192	1.53192	0.709621	1.15937	1.15937	0.0268642	2.81937	2.81937	0.455053	1.35095	1.35095	0.00976586	0.274764	-3.63948	0.57167	1.25352	1.25352	0.292471	1.54	1.54	2.76853	6.85315	2.20034	1
cg04889749	BRDT;BRDT	0.0831994	0.0126759	0.455704	-2.19441	0.150373	0.676349	-1.47853	0.0528631	0.572255	-1.74747	0.122422	0.654024	-1.529	0.84258	0.950814	-1.05173	0.472898	1.20344	1.20344	0.205206	1.4036	1.4036	0.554584	1.16371	1.16371	0.546424	1.16745	1.16745	2.76848	2.82118	0.905811	1
cg01680773	NPC2;ISCA2	0.0832003	0.282481	0.735851	-1.35897	0.101517	1.63623	1.63623	0.139797	1.54706	1.54706	0.43857	1.24234	1.24234	0.0268713	0.486741	-2.05448	0.565878	0.852659	-1.1728	0.0839313	1.69088	1.69088	0.102465	1.63359	1.63359	0.559098	1.17615	1.17615	2.76846	3.30733	1.06191	1
cg14713153	DIP2C	0.0832011	0.0798917	1.42086	1.42086	0.0252957	0.618344	-1.61722	0.258805	1.23733	1.23733	0.584765	0.905073	-1.10488	0.127701	1.34675	1.34675	0.590521	0.906481	-1.10317	0.0811029	1.41845	1.41845	0.989383	1.00241	1.00241	0.19128	0.778733	-1.28414	2.76845	1.4325	0.459945	1
cg13292607	CTBP2;CTBP2	0.0832025	0.476872	0.637517	-1.56858	0.974581	1.02003	1.02003	0.243312	2.13799	2.13799	0.182582	2.41179	2.41179	0.0579049	0.263327	-3.79756	0.163916	0.396716	-2.52069	0.0102387	0.133379	-7.49741	0.29472	0.508456	-1.96674	0.608982	1.37866	1.37866	2.76843	16.9849	5.45352	1
cg03035874	CGRRF1	0.0832033	0.17668	1.48075	1.48075	0.122646	1.57967	1.57967	0.353594	1.29806	1.29806	0.316392	0.753434	-1.32726	0.134168	1.55502	1.55502	0.560283	0.851318	-1.17465	0.247955	1.39115	1.39115	0.0162603	0.447884	-2.23272	0.18896	1.46285	1.46285	2.76842	3.27554	1.05171	1
cg20189674	LHX1;LHX1	0.0832038	0.570062	0.811889	-1.2317	0.69777	0.867901	-1.1522	0.00529088	3.79856	3.79856	0.247383	0.644623	-1.55129	0.265043	0.655923	-1.52457	0.600546	0.825461	-1.21144	0.280601	0.665527	-1.50257	0.189996	1.65524	1.65524	0.369265	1.39763	1.39763	2.76842	5.7792	1.8556	1
cg08821747	C4orf34	0.0832044	0.162052	0.495414	-2.01851	0.893756	0.939072	-1.06488	0.0297577	0.30018	-3.33133	0.657663	1.23345	1.23345	0.028139	0.295285	-3.38656	0.364811	1.54975	1.54975	0.201823	0.530427	-1.88527	0.0189361	0.262627	-3.80769	0.533442	0.743237	-1.34546	2.76841	9.70448	3.11595	1
cg20435345	CASP8;CASP8;CASP8;CASP8;CASP8	0.0832044	0.377272	1.25432	1.25432	0.211854	1.38949	1.38949	0.663207	0.896197	-1.11583	0.421731	1.22786	1.22786	0.0583234	0.585616	-1.7076	0.8556	0.955462	-1.04661	0.00739607	2.37051	2.37051	0.24656	0.738551	-1.354	0.731811	1.08985	1.08985	2.76841	2.74274	0.88065	1
cg05081694	SCN3A;SCN3A;SCN3A	0.0832085	0.477516	1.19263	1.19263	0.078041	0.620268	-1.61221	0.336394	0.785231	-1.27351	0.104873	1.5408	1.5408	0.385468	1.24238	1.24238	0.0566152	1.69276	1.69276	0.0463434	1.74488	1.74488	0.787478	0.936214	-1.06813	0.150276	0.686504	-1.45665	2.76835	2.6087	0.837628	1
cg02210115	CAB39L	0.0832088	0.0337715	0.557155	-1.79483	0.650945	0.898103	-1.11346	0.345478	0.795126	-1.25766	0.0471859	0.585169	-1.70891	0.0237584	0.528982	-1.89042	0.582167	1.1401	1.1401	0.728658	1.08564	1.08564	0.344374	1.25836	1.25836	0.0580453	0.603203	-1.65782	2.76835	2.44096	0.783769	1
cg17794996	C6orf48;C6orf48	0.083211	0.166058	0.405208	-2.46787	0.720994	0.80305	-1.24525	0.241423	0.472363	-2.11702	0.254784	0.483231	-2.0694	0.00587955	0.110281	-9.06776	0.713024	0.797761	-1.25351	0.0206632	0.181866	-5.49855	0.898717	0.92507	-1.081	0.0537785	0.262008	-3.81668	2.76832	16.4021	5.2666	1
cg08951000	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.0832113	0.959058	1.00799	1.00799	0.0534553	0.711592	-1.4053	0.994376	0.998907	-1.00109	0.0907715	1.33512	1.33512	0.0981324	1.325	1.325	0.856337	1.02851	1.02851	0.0197115	0.646048	-1.54787	0.323515	1.17136	1.17136	0.479065	0.894388	-1.11808	2.76831	1.05488	0.338716	1
cg02997295	THBS2	0.0832115	0.120988	3.30602	3.30602	0.570681	0.665301	-1.50308	0.0591857	4.54905	4.54905	0.265332	2.28298	2.28298	0.175368	2.78656	2.78656	0.0743862	4.1111	4.1111	0.0121297	9.23976	9.23976	0.0906397	3.76483	3.76483	0.0414509	5.32398	5.32398	2.76831	22.1719	7.11929	1
cg15298323	ACAT2	0.0832115	0.190481	0.475373	-2.10361	0.527275	0.709229	-1.40998	0.923093	0.949523	-1.05316	0.550928	0.723505	-1.38216	0.00417558	0.12759	-7.83761	0.136672	0.423142	-2.36328	0.0158626	0.204989	-4.87831	0.570095	0.735014	-1.36052	0.640528	0.777038	-1.28694	2.76831	12.615	4.05062	1
cg11445122	CHP;EXD1	0.0832119	0.315006	1.42199	1.42199	0.0939812	1.91708	1.91708	0.151144	1.7058	1.7058	0.0671059	0.479431	-2.08581	0.407039	0.751762	-1.33021	0.0541457	0.453843	-2.2034	?	?	?	0.321871	0.707125	-1.41418	0.09009	0.516181	-1.93731	3.69375	5.24249	0.887054	1
cg11158441	MCF2L;MCF2L	0.0832119	0.938928	0.977095	-1.02344	0.123036	0.603371	-1.65735	0.746591	1.10301	1.10301	0.242703	1.4473	1.4473	0.0428327	0.494151	-2.02367	0.0358171	0.477812	-2.09287	0.263453	0.702917	-1.42264	0.512751	0.818125	-1.22231	0.0157099	0.408494	-2.44802	2.7683	4.00907	1.28729	1
cg20544410	TMEM11;TMEM11	0.0832135	0.00998221	1.60694	1.60694	0.0889127	1.31464	1.31464	0.0242509	1.47936	1.47936	0.151155	1.25142	1.25142	0.372927	1.14267	1.14267	0.96414	1.00658	1.00658	0.14389	1.25725	1.25725	0.0500814	1.38503	1.38503	0.107671	1.29171	1.29171	2.76828	0.931999	0.299263	1
cg19826211	KIAA1462	0.083214	0.443845	0.792093	-1.26248	0.0364122	0.483778	-2.06707	0.115083	0.599569	-1.66787	0.253241	0.70029	-1.42798	0.131435	0.614956	-1.62613	0.0722542	0.549389	-1.82021	0.00610498	0.343477	-2.91141	0.92743	1.02757	1.02757	0.802992	1.07749	1.07749	2.76827	3.90819	1.25492	1
cg13676616	BIVM;BIVM;KDELC1;BIVM;BIVM	0.083214	0.648776	1.13334	1.13334	0.311119	1.33117	1.33117	0.578959	1.16533	1.16533	0.244567	0.717278	-1.39416	0.202004	0.692301	-1.44446	0.749724	0.916344	-1.09129	0.0025732	0.31954	-3.12949	0.534897	0.842362	-1.18714	0.903023	0.967274	-1.03383	2.76827	3.26686	1.04898	1
cg27116510	IPO5	0.0832163	0.095074	0.380627	-2.62724	0.977116	0.985008	-1.01522	0.500505	0.697591	-1.4335	0.194178	0.485116	-2.06136	0.0101762	0.181467	-5.51065	0.0433299	0.29409	-3.40032	0.0296182	0.259607	-3.85198	0.283171	0.555859	-1.79902	0.0558903	0.319618	-3.12873	2.76824	12.1593	3.90438	1
cg07015256	TAP2;TAP2	0.0832174	0.159831	0.571629	-1.74939	0.652403	1.18209	1.18209	0.17733	0.586586	-1.70478	0.471378	0.762818	-1.31093	0.0332088	0.390431	-2.56127	0.0125717	0.30583	-3.26979	0.032777	0.389181	-2.5695	0.47461	1.30825	1.30825	0.929748	0.968022	-1.03303	2.96047	6.23526	1.63813	1
cg15993027	HECW1	0.0832181	0.0236372	0.390049	-2.56378	0.0282284	2.4663	2.4663	0.170516	0.601364	-1.66289	0.79054	1.09719	1.09719	0.500089	1.26935	1.26935	0.24673	0.655709	-1.52507	0.263363	1.50121	1.50121	0.611802	0.836671	-1.19521	0.224695	0.641235	-1.55949	2.76822	5.32262	1.70912	1
cg08212479	ZNF107;ZNF107	0.0832181	0.0358398	0.831563	-1.20255	0.182654	1.11273	1.11273	0.0445218	1.19037	1.19037	0.198845	1.108	1.108	0.608976	0.96178	-1.03974	0.81766	0.982708	-1.0176	0.179153	1.11381	1.11381	0.446915	0.943127	-1.0603	0.0689593	1.16617	1.16617	2.76822	0.250133	0.0803191	1
cg02023548	MRGPRD	0.0832205	0.46388	0.746996	-1.3387	0.0728757	0.457117	-2.18762	0.028014	0.362204	-2.76087	0.561496	0.794774	-1.25822	0.159562	0.555395	-1.80052	0.665957	1.18523	1.18523	0.00824144	0.266566	-3.75142	0.481986	0.756078	-1.32262	0.0523069	0.421671	-2.37152	2.76818	6.71147	2.15511	1
cg04395069	LMBRD2;SKP2;SKP2	0.0832214	0.373562	0.857838	-1.16572	0.259837	1.21813	1.21813	0.0673991	1.41065	1.41065	0.0573985	1.43451	1.43451	0.42064	1.14811	1.14811	0.431073	1.14443	1.14443	0.0147325	0.604164	-1.65518	0.911434	1.01885	1.01885	0.720016	0.941367	-1.06229	2.76817	1.23552	0.396739	1
cg16000504	ZNF385D	0.0832233	0.766148	1.09508	1.09508	0.225432	1.47358	1.47358	0.485953	1.24061	1.24061	0.16369	1.57245	1.57245	0.528324	1.21476	1.21476	0.459888	1.25752	1.25752	0.00796626	2.81762	2.81762	0.00950205	2.71978	2.71978	0.07535	1.82749	1.82749	2.76815	4.06573	1.30556	1
cg22881435	RAB11FIP1;RAB11FIP1;RAB11FIP1	0.0832258	0.302637	0.728517	-1.37265	0.644636	1.14771	1.14771	0.00685534	0.353926	-2.82545	0.375707	0.763627	-1.30954	0.0224734	0.444438	-2.25003	0.695596	1.12372	1.12372	0.830146	1.0658	1.0658	0.537159	0.830805	-1.20365	0.079228	0.561014	-1.78249	2.76811	3.85762	1.23875	1
cg09404376	SGK1;SGK1	0.0832264	0.488402	1.49634	1.49634	0.11592	2.66015	2.66015	0.440738	0.637526	-1.56856	0.133741	2.52447	2.52447	0.894511	0.926853	-1.07892	0.276346	1.91233	1.91233	0.219037	2.0962	2.0962	0.00387959	9.27176	9.27176	0.0953748	2.85499	2.85499	2.7681	14.3727	4.61535	1
cg13405636	MGMT	0.0832266	0.00977892	0.17929	-5.57756	0.880368	0.923821	-1.08246	0.988699	1.00748	1.00748	0.418719	1.54455	1.54455	0.0116895	0.190585	-5.24701	0.946709	0.965442	-1.03579	0.103105	0.391367	-2.55514	0.800938	0.875533	-1.14216	0.425165	0.651497	-1.53493	2.7681	12.1357	3.89699	1
cg15645634	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.0832273	0.214901	0.772472	-1.29455	0.181572	0.755458	-1.3237	0.167942	0.74782	-1.33722	0.400196	0.84342	-1.18565	0.364664	1.20225	1.20225	0.99303	1.00173	1.00173	0.0114106	0.534664	-1.87033	0.0873482	1.45242	1.45242	0.321131	1.2247	1.2247	2.76809	1.71427	0.550486	1
cg15018760	TYMP;SCO2;TYMP;SCO2;TYMP;SCO2;SCO2	0.0832287	0.0883176	0.747302	-1.33815	0.171769	1.25274	1.25274	0.10939	1.31046	1.31046	0.411629	0.878064	-1.13887	0.864479	1.02681	1.02681	0.0213728	0.651578	-1.53473	0.0917768	0.750101	-1.33315	0.538676	0.908081	-1.10122	0.359288	1.1572	1.1572	2.76807	1.05184	0.337771	1
cg07640800	LRRTM1;CTNNA2;CTNNA2	0.0832288	0.0777587	0.505212	-1.97937	0.0908895	0.522712	-1.9131	0.00629793	0.289558	-3.45354	0.713543	1.13704	1.13704	0.980608	1.0085	1.0085	0.648132	1.17355	1.17355	0.167355	0.598903	-1.66972	0.290854	1.4649	1.4649	0.977191	1.01001	1.01001	2.76807	5.31863	1.70793	1
cg03824868	NOD2	0.0832312	0.264093	0.807913	-1.23776	0.122481	0.735891	-1.3589	0.141011	0.748185	-1.33657	0.446126	1.15293	1.15293	0.380308	0.847977	-1.17928	0.0236061	1.64094	1.64094	0.0496404	1.50737	1.50737	0.458856	1.14821	1.14821	0.621046	1.09561	1.09561	2.76804	1.47194	0.472678	1
cg16615291	ADARB2	0.0832323	0.251766	0.701843	-1.42482	0.644549	1.14726	1.14726	0.662572	0.878238	-1.13864	0.622579	0.863552	-1.15801	0.0026836	0.293174	-3.41094	0.283312	0.719187	-1.39046	0.178987	1.52525	1.52525	0.842966	1.0604	1.0604	0.998404	1.00059	1.00059	2.76802	3.83335	1.231	1
cg07165260	KIAA0513	0.0832332	0.201041	0.464301	-2.15378	0.0609469	0.301197	-3.32009	0.5231	1.44441	1.44441	0.848965	1.11441	1.11441	0.446608	0.643553	-1.55387	0.294788	0.539378	-1.85399	0.00516312	0.122695	-8.15028	0.0438697	0.268203	-3.72852	0.45486	0.64889	-1.54109	2.76801	14.1514	4.54443	1
cg20545410	ITGB1;ITGB1	0.0832356	0.371743	0.70824	-1.41195	0.372211	1.41145	1.41145	0.0521495	0.435655	-2.2954	0.471021	0.758949	-1.31761	0.00631855	0.262457	-3.81014	0.826291	0.920649	-1.08619	0.912907	1.04201	1.04201	0.316144	1.47675	1.47675	0.102415	0.510535	-1.95873	2.76798	6.20291	1.99196	1
cg07793638	PHF13	0.0832359	0.207014	0.507406	-1.97081	0.692385	1.22474	1.22474	0.838362	1.10975	1.10975	0.496947	0.703544	-1.42137	0.0924011	0.388963	-2.57094	0.412964	0.65264	-1.53224	0.0026919	0.120712	-8.2842	0.119124	0.422183	-2.36864	0.291758	0.572518	-1.74667	2.76797	11.3948	3.65926	1
cg24156658	TIGD3	0.0832411	0.105927	1.75916	1.75916	0.0720057	0.526062	-1.90092	0.0214911	0.41337	-2.41914	0.955335	1.01808	1.01808	0.276124	1.43669	1.43669	0.0827411	0.540878	-1.84885	0.103733	0.566051	-1.76663	0.586706	0.838983	-1.19192	0.73325	0.896358	-1.11563	2.7679	4.4847	1.44023	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26430465	ANO6;PLEKHA9;ANO6;ANO6	0.083242	0.228025	0.724912	-1.37948	0.0102889	0.43949	-2.27536	0.929777	1.02266	1.02266	0.77775	0.930581	-1.0746	0.185943	1.42841	1.42841
cg11142333	ZBTB37;ZBTB37	0.0832448	0.163549	0.713952	-1.40065	0.531948	0.866352	-1.15427	0.647639	0.900977	-1.10991	0.633167	1.11512	1.11512	0.0436825	0.591271	-1.69127
cg01141812	CLVS2	0.0832463	0.0372302	11.7354	11.7354	0.0456231	10.3189	10.3189	0.196148	4.02254	4.02254	0.257446	3.33175	3.33175	0.582124	0.567813	-1.76114
cg16192371	PSORS1C1;PSORS1C2	0.0832496	0.651998	1.12634	1.12634	0.0170367	2.14333	2.14333	0.258853	1.36169	1.36169	0.364306	1.27674	1.27674	0.151806	0.668715	-1.49541
cg00052246	FOXP1	0.0832508	0.825708	1.07993	1.07993	0.0102008	0.323214	-3.09393	0.0244933	0.392834	-2.54561	0.610396	1.19622	1.19622	0.786429	1.09933	1.09933
cg15033068	MATK	0.083252	0.470736	1.20894	1.20894	0.00304463	2.85701	2.85701	0.373996	0.789793	-1.26615	0.226888	1.38831	1.38831	0.94472	0.982227	-1.01809
cg06646636	JMJD8;WDR24	0.0832545	0.0442071	0.39104	-2.55728	0.802286	0.90311	-1.10729	0.271744	1.59159	1.59159	0.257482	0.618772	-1.6161	0.0671265	0.434518	-2.3014
cg04294412	CCDC96;TADA2B	0.0832552	0.0876551	0.789098	-1.26727	0.0857135	1.26951	1.26951	0.666253	1.05603	1.05603	0.288572	0.870732	-1.14846	0.0890525	1.26569	1.26569
cg25157291	SPDYC	0.0832571	0.951851	0.980985	-1.01938	0.132212	0.596581	-1.67622	0.850157	0.941643	-1.06197	0.367098	0.744852	-1.34255	0.0444241	0.480016	-2.08326
cg08955669	TRIM56	0.0832584	0.989555	0.997311	-1.0027	0.0145744	0.527369	-1.8962	0.0962525	0.683059	-1.464	0.68241	0.918798	-1.08838	0.122104	0.705411	-1.41761
cg11153912	PDX1	0.0832609	0.199003	3.24974	3.24974	?	?	?	0.122867	4.46079	4.46079	?	?	?	0.177102	3.50579	3.50579
cg26429095	TOP3B	0.083261	0.992803	0.993778	-1.00626	0.0225827	0.117342	-8.52209	0.178192	2.80334	2.80334	0.40171	0.54715	-1.82765	?	?	?
cg26957471	ANKRD11	0.0832617	0.0605848	0.577515	-1.73156	0.752432	1.08558	1.08558	0.0597581	0.576237	-1.7354	0.910766	0.971328	-1.02952	0.0265051	0.505344	-1.97885
cg23084922	C7orf42	0.0832622	0.0898063	0.620746	-1.61097	0.415639	0.808842	-1.23634	0.0156587	0.469792	-2.1286	0.87195	1.04199	1.04199	0.02558	0.508468	-1.96669
cg01627750	NRG2;NRG2;NRG2;NRG2	0.0832627	0.0710529	0.415306	-2.40787	0.926653	1.04094	1.04094	0.0613518	2.5057	2.5057	0.833165	0.91218	-1.09627	0.122592	0.482362	-2.07313
cg26527782	DEPDC7;DEPDC7	0.0832631	0.239693	1.32234	1.32234	0.14107	0.69821	-1.43223	0.929423	0.980097	-1.02031	0.725151	0.923017	-1.0834	0.914244	0.97585	-1.02475
cg25722465	KDR;KDR	0.0832645	0.779676	0.955993	-1.04603	0.504292	0.896962	-1.11487	0.161498	1.27117	1.27117	0.979355	1.00416	1.00416	0.502979	0.896652	-1.11526
cg02537838	C20orf151	0.0832656	0.229374	0.762557	-1.31138	0.817968	0.951659	-1.0508	0.0324284	0.583789	-1.71295	0.576942	0.885924	-1.12877	0.143849	0.713549	-1.40145
cg17578380	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.0832664	0.0991459	4.5549	4.5549	0.203735	3.08053	3.08053	0.587464	1.58316	1.58316	0.136802	3.83538	3.83538	0.0936413	4.69448	4.69448
cg03885252	KLKBL4	0.0832675	0.028947	0.152884	-6.54092	0.769556	0.80715	-1.23893	0.073236	0.232946	-4.29285	0.384432	0.52184	-1.9163	0.0109308	0.0973361	-10.2737
cg18734706	MIR548H4;NOX5	0.0832684	0.168866	0.826663	-1.20968	0.526149	0.919977	-1.08698	0.00638387	0.630728	-1.58547	0.160808	0.823234	-1.21472	0.0315702	0.720828	-1.38729
cg02239805	MDFIC;MDFIC;MDFIC;MDFIC;MDFIC;MDFIC	0.0832697	0.856503	0.972429	-1.02835	0.708823	0.943705	-1.05965	0.101551	0.758142	-1.31901	0.712942	1.05874	1.05874	0.85893	0.972895	-1.02786
cg20104341	HOXC13	0.083272	0.891101	1.0981	1.0981	0.14855	2.88209	2.88209	0.0382011	5.16041	5.16041	0.247015	2.28618	2.28618	0.183581	0.381445	-2.62161
cg03155200	KCNQ1;KCNQ1	0.0832721	0.0413953	1.76038	1.76038	0.176409	1.41273	1.41273	0.629114	1.12412	1.12412	0.816236	0.945573	-1.05756	0.0616065	0.602807	-1.65891
cg22992279	RBPJ;RBPJ;RBPJ;RBPJ	0.0832722	0.0235302	0.181428	-5.51182	0.106561	3.0404	3.0404	0.411029	1.69972	1.69972	0.146687	2.67239	2.67239	0.0865158	0.302754	-3.30301
cg21222007	SHB	0.0832727	0.421014	0.875623	-1.14204	0.118615	0.760543	-1.31485	0.0101823	0.592409	-1.68802	0.504398	0.896321	-1.11567	0.191624	0.799828	-1.25027
cg20582779	HHIPL2	0.0832737	0.201259	0.831691	-1.20237	0.0290042	0.703657	-1.42115	0.736527	1.04719	1.04719	0.893606	1.01844	1.01844	0.0429337	0.727516	-1.37454
cg02348437	MPP4	0.0832753	0.686534	1.17496	1.17496	0.0451273	2.5416	2.5416	0.657153	1.19429	1.19429	0.873451	1.06535	1.06535	0.447185	0.734526	-1.36142
cg18432572	CYFIP2;CYFIP2;CYFIP2	0.0832763	0.631122	1.18077	1.18077	0.0152682	2.78207	2.78207	0.163475	1.66667	1.66667	0.327739	1.41482	1.41482	0.262124	0.669228	-1.49426
cg14043774	MB;MB;MB	0.0832776	0.0444927	0.319843	-3.12653	0.0863781	0.392245	-2.54942	0.108099	0.420615	-2.37747	0.151495	0.468047	-2.13654	0.0127202	0.216651	-4.61572
cg14639897	MATN2;MATN2	0.0832788	0.234918	0.83176	-1.20227	0.0556564	1.37832	1.37832	0.699792	1.05901	1.05901	0.0579705	1.37317	1.37317	0.422179	0.885754	-1.12898
cg02902969	DIP2C	0.0832795	0.254097	0.824025	-1.21356	0.100301	1.33993	1.33993	0.608993	0.91957	-1.08746	0.68766	1.06789	1.06789	0.145412	0.775623	-1.28929
cg11635524	PPP5C	0.0832797	0.542246	0.892132	-1.12091	0.0651739	1.46678	1.46678	0.100974	1.39424	1.39424	0.85742	1.03383	1.03383	0.573198	1.11107	1.11107
cg06301529	NOS2;NOS2	0.0832811	0.111426	0.509483	-1.96277	0.566503	0.798234	-1.25277	0.0105151	0.285894	-3.4978	0.0182664	0.328179	-3.04712	0.0319103	0.376107	-2.65882
cg26545112	LMTK2	0.0832811	0.865046	1.04902	1.04902	0.876586	1.04469	1.04469	0.800763	0.931329	-1.07373	0.919178	0.971849	-1.02897	0.516282	0.830971	-1.20341
cg13471009	EXOC2	0.0832835	0.547179	1.22228	1.22228	0.00903542	0.335074	-2.98441	0.1642	0.613211	-1.63076	0.707373	1.1323	1.1323	0.330771	0.718463	-1.39186
cg11386080	COL21A1	0.0832846	0.0457296	11.2732	11.2732	0.149359	5.12982	5.12982	0.159653	4.89991	4.89991	0.242651	3.64432	3.64432	0.179836	4.51117	4.51117
cg08191046	CLK3	0.0832876	0.036946	0.140727	-7.10594	0.0555844	0.172803	-5.78694	0.157646	0.294415	-3.39657	0.146702	0.283487	-3.5275	0.0324236	0.131766	-7.5892
cg21791023	ARHGEF10L;ARHGEF10L	0.0832877	0.320965	0.677452	-1.47612	0.118488	1.90335	1.90335	0.1674	0.571848	-1.74872	0.54305	0.791524	-1.26338	0.0354958	0.394698	-2.53358
cg06144469	OTOP3	0.0832882	0.830083	0.878284	-1.13858	0.0749451	0.301872	-3.31266	0.593058	0.721969	-1.3851	0.350092	0.559415	-1.78758	0.159114	0.402998	-2.4814
cg05049160	MYH9	0.0832882	0.56977	0.769465	-1.29961	0.392046	1.49188	1.49188	0.0983605	2.28642	2.28642	0.358847	0.650235	-1.53791	0.0113746	0.235649	-4.24359
cg18795606	EFHA1	0.083292	0.0098776	0.228316	-4.37989	0.369773	0.658828	-1.51785	0.297387	0.612978	-1.63138	0.0559031	0.374865	-2.66762	0.627702	1.24783	1.24783
cg16258463	DR1	0.0832934	0.270983	1.27828	1.27828	0.0322163	1.71147	1.71147	0.422037	1.19208	1.19208	0.201618	1.33493	1.33493	0.0776252	1.52222	1.52222
cg04661810	TRIM2;ANXA2P1;TRIM2	0.083294	0.350474	0.763949	-1.30899	0.00500798	2.83049	2.83049	0.401712	1.27185	1.27185	0.7885	1.07824	1.07824	0.0713574	0.568787	-1.75813
cg15646817	RASGRF2	0.0832942	0.610735	0.839449	-1.19126	0.293456	1.44994	1.44994	0.0150415	2.76987	2.76987	0.89593	0.956366	-1.04562	0.940509	0.974876	-1.02577
cg05264454	PDE5A;PDE5A;PDE5A;PDE5A	0.0832951	0.57096	1.42327	1.42327	0.57824	1.41364	1.41364	0.0902956	3.15989	3.15989	0.529366	0.675195	-1.48105	0.74242	0.816051	-1.22541
cg03921179	SLC4A8;SLC4A8	0.0832953	0.323197	1.2579	1.2579	0.925901	0.979301	-1.02114	0.098563	0.665432	-1.50278	0.0779542	0.643764	-1.55336	0.605097	0.889327	-1.12445
cg22464200	NAALADL2	0.0832964	0.324131	0.509624	-1.96223	0.0806357	0.277317	-3.60598	0.162764	0.372929	-2.68147	0.698856	0.773106	-1.29348	0.01812	0.149605	-6.68425
cg26589448	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0832971	0.422743	0.728065	-1.3735	0.376781	0.703621	-1.42122	0.647676	0.836668	-1.19522	0.581042	1.24114	1.24114	0.012216	0.298179	-3.35369
cg22693772	MAST1	0.0832972	0.769324	1.05209	1.05209	0.0146598	1.68007	1.68007	0.107379	1.35449	1.35449	0.2411	1.236	1.236	0.0108668	1.73703	1.73703
cg12585331	FLJ42709;FLJ42709;FLJ42709	0.0832978	0.24246	0.657665	-1.52053	0.00508882	0.281281	-3.55516	0.0216136	0.388702	-2.57266	0.874225	0.947179	-1.05577	0.0869562	0.523326	-1.91085
cg03724763	S100A11	0.0832992	0.472423	1.28292	1.28292	0.825167	1.07834	1.07834	0.486017	0.785603	-1.27291	0.593215	0.832099	-1.20178	0.00219272	0.231274	-4.32388
cg02728172	KIF26B	0.0832992	0.0829731	0.486369	-2.05605	0.226354	1.61119	1.61119	0.408845	1.37325	1.37325	0.666413	0.849726	-1.17685	0.00531983	0.251857	-3.97051
cg22162312	KCNK12	0.0832996	0.243993	0.48132	-2.07762	0.404736	1.66764	1.66764	0.726464	0.810025	-1.23453	0.0975246	0.335989	-2.97629	0.0255567	0.203614	-4.91125
cg04505313	MICB	0.0833018	0.057745	0.599422	-1.66827	0.0882928	0.638522	-1.56612	0.136378	0.681964	-1.46635	0.253999	0.75267	-1.3286	0.00988794	0.459559	-2.176
cg21196136	SNAR-C1;SNAR-C2;SNAR-C5	0.0833076	0.072597	0.385911	-2.59127	0.178415	0.506823	-1.97307	0.0691103	0.380323	-2.62934	0.0640938	0.371935	-2.68864	0.0195889	0.261676	-3.82151
cg22755475	LNPEP;LNPEP	0.0833104	0.42718	1.13587	1.13587	0.968885	1.00615	1.00615	0.122236	1.30109	1.30109	0.491282	1.11612	1.11612	0.210265	0.812643	-1.23055
cg07274922	PAGE2B	0.0833117	0.114136	0.285352	-3.50445	0.0167216	0.118681	-8.42595	0.034484	0.165406	-6.04571	0.308654	0.463551	-2.15726	0.0107951	0.0966497	-10.3466
cg26764761	JPH3	0.0833126	0.0444794	0.0727071	-13.7538	0.705573	0.649767	-1.53901	0.676204	1.6114	1.6114	0.173237	0.192802	-5.18666	0.173598	0.193103	-5.1786
cg00814573	MASP1;MASP1	0.0833134	0.115909	0.486114	-2.05713	0.959926	0.979013	-1.02144	0.965115	0.981708	-1.01863	0.188157	0.555073	-1.80156	0.0111858	0.261325	-3.82666
cg10962524	HAPLN1	0.0833153	0.0351913	4.4082	4.4082	0.293415	1.93293	1.93293	0.711606	1.25175	1.25175	0.140026	2.61191	2.61191	0.311181	1.88435	1.88435
cg12228245	CACNA2D3	0.0833159	0.184969	0.719104	-1.39062	0.0445017	1.71807	1.71807	0.0243715	1.87623	1.87623	0.119308	0.672683	-1.48659	0.745814	0.926547	-1.07928
cg11152012	SNRPN;SNRPN;SNRPN;SNRPN	0.0833161	0.824689	1.04386	1.04386	0.257391	0.79557	-1.25696	0.497217	0.87515	-1.14266	0.182228	1.31513	1.31513	0.0183173	0.574674	-1.74012
cg04428163	SDCBP2;SDCBP2	0.0833175	0.190674	3.77969	3.77969	0.0603743	7.63125	7.63125	0.531039	0.543965	-1.83835	0.157265	4.26863	4.26863	0.347763	0.395488	-2.52852
cg10036091	MIR299;MIR380	0.0833181	0.73574	0.926869	-1.0789	0.692492	1.0932	1.0932	0.494192	1.16841	1.16841	0.923244	1.02184	1.02184	0.550847	1.14488	1.14488
cg26587715	RBM44	0.0833212	0.67067	1.12401	1.12401	0.0415089	1.90109	1.90109	0.661564	0.886578	-1.12793	0.0663057	1.75575	1.75575	0.120132	1.58531	1.58531
cg11564340	KIF5C	0.0833218	0.41492	1.23323	1.23323	0.0716422	0.602913	-1.65861	0.725019	0.91499	-1.09291	0.580099	1.15093	1.15093	0.328701	1.28865	1.28865
cg26054336	PTPMT1;PTPMT1	0.0833219	0.54453	1.38953	1.38953	0.361469	1.65393	1.65393	0.126656	2.4259	2.4259	0.277161	1.83348	1.83348	0.0368421	0.272374	-3.67143
cg25137590	FBXW7;FBXW7;FBXW7	0.0833223	0.348807	1.65618	1.65618	0.467717	1.47183	1.47183	0.444793	1.50299	1.50299	0.0218658	4.21647	4.21647	0.0643035	0.337121	-2.96629
cg23274561	LMNA;LMNA;LMNA	0.0833232	0.0109145	0.294869	-3.39134	0.29074	1.52052	1.52052	0.610904	0.821918	-1.21667	0.0504855	0.426573	-2.34427	0.0698221	0.460743	-2.17041
cg17859326	MTNR1A	0.0833241	0.716933	1.1024	1.1024	0.150672	0.662036	-1.51049	0.0682726	0.578911	-1.72738	0.149836	1.51195	1.51195	0.00983173	0.417381	-2.39589
cg15537056	LRRC27;LRRC27;LRRC27	0.0833251	0.765327	0.918659	-1.08854	0.0644597	1.82084	1.82084	0.599311	1.1623	1.1623	0.237759	1.42314	1.42314	0.0292328	0.4738	-2.1106
cg04357830	RUNX1;RUNX1;RUNX1	0.0833264	0.0265019	0.617062	-1.62058	0.0869106	1.41484	1.41484	0.0827544	1.42283	1.42283	0.818369	0.958659	-1.04312	0.863006	1.03221	1.03221
cg10411221	HLA-DMB	0.0833274	0.150511	0.527941	-1.89415	0.61694	0.811366	-1.23249	0.0404994	0.375048	-2.66633	0.282659	0.629553	-1.58843	0.00417467	0.203697	-4.90925
cg03526503	C1orf38;C1orf38;C1orf38	0.0833276	0.49331	0.717478	-1.39377	0.408671	0.668117	-1.49674	0.0321007	0.301763	-3.31386	0.25698	0.568587	-1.75875	0.0373451	0.315641	-3.16816
cg23644855	KLHL20	0.0833286	0.117727	1.6701	1.6701	0.286512	0.71596	-1.39673	0.0284238	0.458019	-2.18332	0.180984	0.651306	-1.53538	0.171684	0.644503	-1.55158
cg09706281	ST6GALNAC4;ST6GALNAC4	0.083329	0.0390188	0.310943	-3.21602	0.323011	0.60706	-1.64728	0.0191245	0.249948	-4.00083	0.101718	0.416446	-2.40127	0.0359922	0.303402	-3.29596
cg01816515	C2orf43	0.0833305	0.545075	1.05167	1.05167	0.280556	0.911873	-1.09664	0.0359624	0.81818	-1.22222	0.503014	0.945629	-1.0575	0.534459	1.05311	1.05311
cg21529164	RAB3A	0.0833315	0.530421	0.660526	-1.51394	0.172164	2.58139	2.58139	0.306415	1.9957	1.9957	0.305047	1.99989	1.99989	0.019359	0.15796	-6.33071
cg01356611	SNAR-C5;SNAR-C2;SNAR-C1	0.0833352	0.0427168	0.305695	-3.27124	0.110253	0.413008	-2.42126	0.0821466	0.375893	-2.66033	0.132113	0.437946	-2.28338	0.0294231	0.271693	-3.68063
ch.6.751103R	CCHCR1;CCHCR1;CCHCR1	0.0833358	0.0117764	0.38708	-2.58345	0.041999	0.493121	-2.0279	0.174176	0.646525	-1.54673	0.142975	0.621902	-1.60797	0.0174044	0.417459	-2.39545
cg03599257	SMPDL3B	0.0833376	0.0420442	0.278317	-3.59303	0.0903352	0.360979	-2.77024	0.0311642	0.251394	-3.97782	0.0677593	0.327228	-3.05597	0.0622061	0.317857	-3.14607
cg00516067	COL9A3	0.0833377	0.123124	0.410417	-2.43655	0.00735854	6.3077	6.3077	0.406325	1.57293	1.57293	0.951129	1.03322	1.03322	0.320086	0.57822	-1.72945
cg06245037	ALX4	0.0833381	0.446164	0.615019	-1.62597	0.483088	0.640058	-1.56236	0.0388456	4.46943	4.46943	0.0761147	3.43994	3.43994	0.163761	0.394454	-2.53515
cg26638003	GLOD4;GLOD4;RNMTL1	0.0833394	0.366186	0.632033	-1.5822	0.747193	0.852282	-1.17332	?	?	?	0.707634	0.830114	-1.20465	0.290894	0.58178	-1.71886
cg26725786	EPHX2	0.0833406	0.217537	0.763677	-1.30945	0.13442	0.71502	-1.39856	0.0138069	0.531269	-1.88228	0.660423	0.912214	-1.09623	0.00651359	0.479591	-2.08511
cg27576259	ATP6V0C	0.0833437	0.442503	1.55094	1.55094	0.0109279	5.99111	5.99111	0.0114473	5.89077	5.89077	0.196456	2.14998	2.14998	0.764897	0.84528	-1.18304
cg06422146	FUK	0.0833464	0.0318114	0.558983	-1.78896	0.57083	0.875979	-1.14158	0.498249	0.853057	-1.17225	0.749887	1.07673	1.07673	0.841067	0.954649	-1.04751
cg14224760	CNGB3	0.0833465	0.247472	1.41147	1.41147	0.00344515	0.322331	-3.1024	0.677516	0.887637	-1.12659	0.470822	0.811326	-1.23255	0.848186	0.946842	-1.05614
cg09958483	PYGM;PYGM	0.08335	0.902468	1.03332	1.03332	0.647364	1.13105	1.13105	0.0105846	2.36246	2.36246	0.666601	0.890568	-1.12288	0.0213984	0.477466	-2.09439
cg07540983	IL10RA;IL10RA	0.0833514	0.68871	0.949737	-1.05292	0.724133	0.955634	-1.04643	0.0182455	1.44334	1.44334	0.668815	1.05666	1.05666	0.890393	1.01781	1.01781
cg15170557	JAZF1	0.0833533	0.499166	0.677194	-1.47668	0.794163	1.16017	1.16017	0.639771	0.765035	-1.30713	0.426958	1.58546	1.58546	0.115104	0.377777	-2.64707
cg16651877	BTBD19	0.0833559	0.126373	0.433919	-2.30458	0.264549	0.555931	-1.79878	0.0739755	0.365888	-2.73308	0.606599	0.769323	-1.29984	0.00415016	0.143693	-6.95931
cg05012425	SFRS1;SFRS1	0.0833578	0.0884186	1.29846	1.29846	0.849702	0.973987	-1.02671	0.252317	1.18074	1.18074	0.087128	1.30012	1.30012	0.0471428	1.3711	1.3711
cg19123408	NEURL4;NEURL4	0.0833587	0.542438	1.09308	1.09308	0.0289479	1.45016	1.45016	0.030583	1.44299	1.44299	0.674533	1.06286	1.06286	0.137811	1.25942	1.25942
cg00811930	AK7	0.0833596	0.143519	1.74614	1.74614	0.0448159	0.441886	-2.26303	0.175649	0.600092	-1.66641	0.0204165	2.69374	2.69374	0.865275	1.06207	1.06207
cg25617285	RCOR3;RCOR3;RCOR3	0.08336	0.727179	0.95724	-1.04467	0.0817036	1.27216	1.27216	0.00774981	1.53219	1.53219	0.632811	1.0619	1.0619	0.798456	1.03244	1.03244
cg11489765	PALLD;PALLD;PALLD	0.0833626	0.0604005	0.294895	-3.39104	0.0429457	0.260987	-3.83161	0.119399	0.377392	-2.64976	0.336546	0.564748	-1.7707	0.00585438	0.1249	-8.00643
cg27359633	DYNLRB1	0.0833694	0.313009	1.09152	1.09152	0.788261	0.977664	-1.02285	0.267889	1.10169	1.10169	0.0246275	1.25181	1.25181	0.996284	1.00039	1.00039
cg06618866	TLR2	0.0833703	0.0221606	14.0147	14.0147	0.202161	3.65576	3.65576	0.286568	2.90165	2.90165	0.290209	2.87674	2.87674	0.172258	0.246951	-4.04939
cg08400159	ZMYND8;ZMYND8;LOC100131496;ZMYND8	0.0833708	0.174763	1.3732	1.3732	0.633415	1.11135	1.11135	0.646914	1.10665	1.10665	0.429469	1.19389	1.19389	0.139346	0.705	-1.41844
cg06654103	KCNA6	0.0833709	0.153152	1.22738	1.22738	0.614899	0.934316	-1.0703	0.37455	1.12984	1.12984	0.239189	1.1795	1.1795	0.0609462	0.753613	-1.32694
cg02137495	LOC728606	0.0833727	0.0541685	0.356942	-2.80157	0.0309234	0.302862	-3.30184	0.0129542	0.233642	-4.28006	0.240943	0.560629	-1.78371	0.0197416	0.265198	-3.77077
cg17410857	SLC15A1	0.0833749	0.82241	1.05605	1.05605	0.447855	1.20641	1.20641	0.003629	0.384886	-2.59817	0.415744	0.81727	-1.22359	0.414114	1.22449	1.22449
cg13549174	LAMC3	0.0833755	0.0957552	0.630574	-1.58586	0.087501	0.621633	-1.60867	0.0764783	0.608567	-1.6432	0.254239	0.740789	-1.34991	0.0483863	0.566418	-1.76548
cg21965980	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.0833773	0.757089	1.10672	1.10672	0.479684	0.790697	-1.26471	0.116329	0.572499	-1.74673	0.673671	0.870723	-1.14847	0.00223085	0.246669	-4.05401
cg06742891	CIC	0.0833776	0.335248	0.607144	-1.64706	0.178187	0.48368	-2.06748	0.668551	1.23906	1.23906	0.0885417	2.63149	2.63149	0.507875	1.39841	1.39841
cg04803798	SLC39A4;SLC39A4	0.0833776	0.341574	0.783896	-1.27568	0.132007	0.667706	-1.49767	0.93172	0.978934	-1.02152	0.294256	0.763167	-1.31033	0.122635	0.65993	-1.51531
cg00737251	MEMO1;MEMO1	0.0833783	0.883316	1.02324	1.02324	0.399314	1.14452	1.14452	0.703398	1.06167	1.06167	0.116706	0.765943	-1.30558	0.278404	1.19282	1.19282
cg03552156	BCL6	0.0833811	0.221038	0.826045	-1.21059	0.12961	1.27538	1.27538	0.26335	0.838612	-1.19245	0.0954745	0.761795	-1.31269	0.933178	1.01254	1.01254
cg16037679	USPL1	0.0833839	0.403562	1.07943	1.07943	0.776282	0.974847	-1.0258	0.0545124	1.21538	1.21538	0.0264844	0.790387	-1.2652	0.687779	0.964521	-1.03678
cg04946721	ERN1	0.0833846	0.786244	1.04837	1.04837	0.0829668	1.39599	1.39599	0.31881	1.19607	1.19607	0.91213	0.981	-1.01937	0.0081653	0.555273	-1.80092
cg07737682	ABCA3	0.083388	0.885876	0.972525	-1.02825	0.131621	1.37128	1.37128	0.329108	1.21579	1.21579	0.21227	1.2903	1.2903	0.985281	0.996428	-1.00359
cg18006769	TTYH3	0.0833882	0.0429485	0.527271	-1.89656	0.100477	0.609946	-1.63949	0.415591	0.795625	-1.25687	0.308404	0.748515	-1.33598	0.0165998	0.447615	-2.23406
cg07159958	ATL1;ATL1;ATL1	0.0833882	0.85126	1.07175	1.07175	0.766669	0.895977	-1.1161	0.674465	1.16875	1.16875	0.0078116	3.52686	3.52686	0.788646	1.10426	1.10426
cg04751089	IRS1	0.0833885	0.030286	0.416768	-2.39941	0.0768107	0.508508	-1.96654	0.763871	0.901648	-1.10908	0.131417	0.571407	-1.75007	0.542664	0.809151	-1.23586
cg21750426	MIRLET7C;C21orf34;C21orf34;MIR99A	0.083391	0.0265611	0.207475	-4.81986	0.398979	0.596552	-1.6763	0.249974	2.05286	2.05286	0.267976	0.501424	-1.99432	0.00599662	0.116658	-8.57205
cg13457172	VAX1;VAX1	0.0833921	0.400567	1.95469	1.95469	0.778567	0.802859	-1.24555	0.481381	1.74621	1.74621	0.969414	1.03032	1.03032	0.555191	1.59176	1.59176
cg04117375	PTPRG	0.0833933	0.813178	1.17369	1.17369	0.230911	2.34002	2.34002	0.867523	0.893208	-1.11956	0.112307	3.22057	3.22057	0.0450894	0.211102	-4.73704
cg25593560	TPM4;TPM4;TPM4	0.0833948	0.982414	0.992532	-1.00752	0.049719	0.467062	-2.14104	0.417025	0.754218	-1.32588	0.482196	1.27496	1.27496	0.262501	0.672124	-1.48782
cg19185384	LOC100190939;TPT1	0.0833954	0.371044	0.858246	-1.16517	0.639266	1.08174	1.08174	0.338149	1.1786	1.1786	0.694161	0.936345	-1.06798	0.830166	1.03639	1.03639
cg24147849	NIT2	0.0833976	0.0685726	0.711003	-1.40646	0.953041	0.990196	-1.0099	0.0453344	1.4683	1.4683	0.656511	0.927849	-1.07776	0.13118	0.761354	-1.31345
cg06511274	CHST6	0.0833978	0.382064	0.53555	-1.86724	0.0146167	0.123134	-8.12123	0.0441624	0.199765	-5.00588	0.75466	0.803829	-1.24405	0.124458	0.313889	-3.18584
cg10721116	C10orf41;ZNF503	0.0834016	0.0137647	0.685511	-1.45877	0.47347	0.913566	-1.09461	0.984197	1.00246	1.00246	0.918939	0.987457	-1.0127	0.832364	0.97406	-1.02663
cg07703690	BBOX1	0.0834019	0.0458406	0.246724	-4.05311	0.898911	1.0808	1.0808	0.955406	0.966388	-1.03478	0.905925	0.930268	-1.07496	0.00620161	0.112828	-8.86306
cg16554534	GGA3;GGA3	0.083403	0.0410076	0.604571	-1.65407	0.328626	0.806408	-1.24007	0.0275974	0.573557	-1.74351	0.721104	0.926358	-1.0795	0.0305001	0.581257	-1.72041
cg05668720	TUBE1;C6orf225;C6orf225	0.0834032	0.123385	0.794505	-1.25865	0.249216	0.847049	-1.18057	0.0429929	1.37849	1.37849	0.0436128	1.3768	1.3768	0.565931	1.08327	1.08327
cg20174636	SPEG	0.0834043	0.108001	6.91867	6.91867	0.144965	5.62107	5.62107	0.441934	2.37452	2.37452	0.120609	6.40325	6.40325	0.672374	0.625532	-1.59864
cg14255177	MUPCDH;MUPCDH	0.083405	0.26325	0.590253	-1.69419	0.158076	0.505517	-1.97817	0.594433	0.784339	-1.27496	0.674159	0.826008	-1.21064	0.00185352	0.135715	-7.36838
cg02515468	IGSF22	0.0834062	0.108601	0.185223	-5.3989	0.378927	0.419079	-2.38619	0.0196431	15.1155	15.1155	0.662781	1.52615	1.52615	0.0358132	0.0950706	-10.5185
cg20569825	AUH	0.0834064	0.28532	0.893242	-1.11952	0.128698	1.18181	1.18181	0.090371	1.20906	1.20906	0.121162	0.842848	-1.18645	0.361881	1.10004	1.10004
cg17284854	SBNO2;SBNO2	0.0834066	0.593949	0.909484	-1.09952	0.208107	1.26365	1.26365	0.205561	0.790203	-1.2655	0.0291739	0.635605	-1.5733	0.00844961	0.552717	-1.80924
cg02366856	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0834068	0.967635	1.00819	1.00819	0.396328	0.839764	-1.19081	0.658195	0.914373	-1.09365	0.520607	1.13988	1.13988	0.465882	1.1609	1.1609
cg00645731	CYP2D7P1	0.0834069	0.0325167	0.427304	-2.34025	0.14822	0.590397	-1.69377	0.164633	0.604277	-1.65487	0.209124	0.63775	-1.56801	0.00562992	0.290931	-3.43724
cg18126557	NLRP3;NLRP3;NLRP3;NLRP3	0.0834095	0.983163	0.993828	-1.00621	0.601975	0.856941	-1.16694	0.0210737	2.25681	2.25681	0.123921	1.63041	1.63041	0.269756	0.713788	-1.40098
cg01284438	CPLX2	0.0834098	0.867732	0.937613	-1.06654	0.00419803	0.227178	-4.40183	0.0981316	0.49601	-2.01609	0.176801	1.74173	1.74173	0.35316	1.44607	1.44607

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26430465	0.0898876	0.621692	-1.60851	0.0399116	0.546702	-1.82915	0.126982	0.657271	-1.52144	0.764166	0.926353	-1.0795	2.76789	2.83378	0.91005	1
cg11142333	0.0349773	0.573046	-1.74506	0.00614133	0.444783	-2.24829	0.315876	0.790581	-1.26489	0.18634	0.72799	-1.37365	2.76785	2.25098	0.722898	1
cg01141812	0.521605	0.51608	-1.93768	0.994348	0.992812	-1.00724	0.0094909	28.4064	28.4064	0.288798	3.06901	3.06901	2.76783	45.459	14.5992	1
cg16192371	0.635929	0.882521	-1.13312	0.0461629	0.549508	-1.81981	0.231907	0.719947	-1.38899	0.379669	0.78964	-1.2664	2.76778	3.01061	0.966873	1
cg00052246	0.142915	0.577515	-1.73156	0.286587	1.47087	1.47087	0.652206	1.17139	1.17139	0.318294	0.697916	-1.43284	2.76777	5.32941	1.71158	1
cg15033068	0.0762236	1.66552	1.66552	0.729185	0.914045	-1.09404	0.338317	1.29077	1.29077	0.455362	1.21728	1.21728	2.76775	2.93135	0.94143	1
cg06646636	0.117515	0.501295	-1.99483	0.0500466	0.40347	-2.4785	0.016761	0.305482	-3.27351	0.317648	0.657319	-1.52133	2.76771	7.23267	2.32287	1
cg04294412	0.304856	0.875026	-1.14282	0.0497203	0.754836	-1.32479	0.416192	1.11005	1.11005	0.16861	1.20239	1.20239	2.76771	0.691957	0.222232	1
cg25157291	0.219938	1.50694	1.50694	0.0545976	2.00016	2.00016	0.119225	1.71184	1.71184	0.107893	0.572498	-1.74673	2.76768	4.4307	1.423	1
cg08955669	0.0631791	1.54931	1.54931	0.184162	1.33965	1.33965	0.964098	1.0093	1.0093	0.921115	1.02058	1.02058	2.95982	1.94135	0.510145	1
cg11153912	0.292484	2.53066	2.53066	?	?	?	0.00759004	45.5413	45.5413	0.177904	3.49549	3.49549	4.50958	27.5787	4.07705	1
cg26429095	?	?	?	?	?	?	0.131909	3.26897	3.26897	0.187402	2.73198	2.73198	3.77363	17.5085	3.86642	1
cg26957471	0.0192375	0.479575	-2.08518	0.043469	0.547427	-1.82673	0.874372	0.959774	-1.04191	0.371572	0.788151	-1.26879	2.76762	2.95145	0.947932	1
cg23084922	0.264328	0.743293	-1.34537	0.124335	1.52854	1.52854	0.264942	0.7436	-1.34481	0.884088	0.963486	-1.0379	2.76761	2.84995	0.915334	1
cg01627750	0.0481119	2.67613	2.67613	0.088417	0.440805	-2.26858	0.262691	0.601171	-1.66342	0.689488	0.839445	-1.19126	2.7676	8.32332	2.67326	1
cg26527782	0.991555	0.997601	-1.0024	0.00266971	0.389652	-2.56639	0.542931	1.14999	1.14999	0.680828	1.09841	1.09841	2.7676	2.25745	0.725042	1
cg25722465	0.802	1.04115	1.04115	0.00285422	0.51746	-1.93252	0.786435	1.04455	1.04455	0.152085	0.781751	-1.27918	2.76758	1.12882	0.362555	1
cg02537838	0.729646	1.07741	1.07741	0.0176176	1.8601	1.8601	0.107648	0.685677	-1.45841	0.563406	0.882015	-1.13377	2.76756	2.02467	0.650285	1
cg17578380	0.152777	3.61235	3.61235	0.0112175	14.367	14.367	0.0307733	8.39602	8.39602	0.0262461	9.12663	9.12663	2.76755	30.8337	9.90325	1
cg03885252	0.0332335	0.162799	-6.14256	0.334245	0.483683	-2.06747	0.980447	0.982285	-1.01803	0.0847268	0.248953	-4.01682	2.76754	23.3144	7.48821	1
cg18734706	0.945694	0.991193	-1.00888	0.501691	1.09258	1.09258	0.0742936	0.772406	-1.29466	0.693442	0.949855	-1.05279	2.76752	0.739083	0.237383	1
cg02239805	0.587858	0.918957	-1.08819	0.00164787	0.498622	-2.00553	0.917387	0.984102	-1.01615	0.529779	0.90636	-1.10331	2.7675	1.04568	0.335859	1
cg20104341	?	?	?	0.0306275	0.176396	-5.66907	0.340027	1.95761	1.95761	0.533725	1.53812	1.53812	2.80099	18.401	6.56948	1
cg03155200	0.264233	0.755959	-1.32282	0.475024	0.839757	-1.19082	0.208099	1.37586	1.37586	0.0475395	0.579918	-1.72438	2.76747	2.53332	0.81368	1
cg22992279	0.694427	1.28293	1.28293	0.174136	0.401594	-2.49008	0.678529	1.30084	1.30084	0.20091	0.426389	-2.34528	2.76747	17.4535	5.60591	1
cg21222007	0.615919	0.921529	-1.08515	0.0220786	0.641776	-1.55818	0.680715	1.06914	1.06914	0.0320278	0.666397	-1.50061	2.76746	1.14423	0.36752	1
cg20582779	0.35382	0.877862	-1.13913	0.019751	0.68084	-1.46877	0.175217	1.21758	1.21758	0.578543	0.926236	-1.07964	2.76745	0.817264	0.262501	1
cg02348437	0.273549	0.6343	-1.57654	0.0141994	3.46432	3.46432	0.0242334	2.99522	2.99522	0.957392	1.02144	1.02144	2.95956	7.23519	1.90142	1
cg18432572	0.379307	0.733595	-1.36315	0.547392	0.811287	-1.23261	0.0207281	2.60262	2.60262	0.27445	1.47785	1.47785	2.76741	5.17103	1.66093	1
cg14043774	0.0844782	0.389553	-2.56704	0.0789904	0.381546	-2.62092	0.0295306	0.281971	-3.54647	0.195135	0.508173	-1.96783	2.7674	10.6961	3.43559	1
cg14639897	0.129856	0.784973	-1.27393	0.0300377	0.685499	-1.45879	0.744686	1.04954	1.04954	0.715283	1.0557	1.0557	2.76738	0.959584	0.308221	1
cg02902969	0.176358	1.26316	1.26316	0.0273301	1.52862	1.52862	0.0786487	0.728011	-1.37361	0.375675	0.862632	-1.15924	2.76737	1.15774	0.371871	1
cg11635524	0.059199	0.674263	-1.4831	0.639097	0.916315	-1.09133	0.0185561	0.589661	-1.69589	0.810112	0.956438	-1.04555	2.76737	1.50046	0.481955	1
cg06301529	0.280306	0.646303	-1.54726	0.548726	0.789782	-1.26617	0.091892	0.485924	-2.05794	0.615293	0.821133	-1.21783	2.76735	6.62988	2.12956	1
cg26545112	0.59974	0.861589	-1.16065	0.00224652	3.33156	3.33156	0.430923	1.25379	1.25379	0.110908	1.6301	1.6301	2.76735	3.46915	1.11431	1
cg13471009	0.639212	1.16832	1.16832	0.0628299	1.99301	1.99301	0.680131	1.14636	1.14636	0.16858	0.616706	-1.62152	2.76731	4.75777	1.52824	1
cg11386080	0.0794037	7.84077	7.84077	0.0639979	9.03946	9.03946	0.00997301	31.2294	31.2294	0.0291794	15.1523	15.1523	2.7673	49.0223	15.7465	1
cg08191046	0.0723127	0.197284	-5.06884	0.016271	0.0927422	-10.7826	0.500818	0.575223	-1.73845	0.0751217	0.201118	-4.97221	2.76726	28.7047	9.22041	1
cg21791023	0.889081	0.948386	-1.05442	0.0241702	0.360298	-2.77548	0.413313	1.37385	1.37385	0.0700205	0.463348	-2.1582	2.76726	6.32071	2.03032	1
cg06144469	0.11777	0.358487	-2.7895	0.0744373	0.301099	-3.32116	0.558308	0.69942	-1.42976	0.0156811	5.98182	5.98182	2.76725	15.9847	5.13457	1
cg05049160	0.0431759	0.346038	-2.88986	0.792748	0.886807	-1.12764	0.800451	1.12248	1.12248	0.178508	0.520954	-1.91955	2.76725	9.12129	2.92992	1
cg18795606	0.237371	1.75208	1.75208	0.242016	0.574203	-1.74155	0.404673	1.4715	1.4715	0.104746	0.447861	-2.23283	2.7672	8.99535	2.88952	1
cg16258463	0.173293	1.36398	1.36398	0.0461322	0.61292	-1.63154	0.23084	1.30901	1.30901	0.0730303	1.5347	1.5347	2.76718	2.01132	0.646089	1
cg04661810	0.557967	1.18058	1.18058	0.592899	0.859674	-1.16323	0.262612	1.38714	1.38714	0.998865	0.999602	-1.0004	2.76717	3.44032	1.10512	1
cg15646817	0.53805	0.808519	-1.23683	0.414724	0.752597	-1.32873	0.00895135	3.10635	3.10635	0.959832	0.982977	-1.01732	2.76717	5.09351	1.63617	1
cg05264454	0.00365391	0.0886478	-11.2806	0.934102	0.950305	-1.05229	0.617593	0.733262	-1.36377	0.37307	1.75703	1.75703	2.76715	16.6502	5.34851	1
cg03921179	0.437942	1.19472	1.19472	0.116631	0.681578	-1.46718	0.0230715	1.84227	1.84227	0.214998	1.34109	1.34109	2.76715	2.21581	0.711781	1
cg22464200	0.0251214	0.171465	-5.83209	0.0222113	0.162905	-6.13856	0.89285	0.914651	-1.09331	0.0761267	0.270792	-3.69287	2.76714	19.2043	6.169	1
cg26589448	0.484629	0.75938	-1.31686	0.00510793	0.238346	-4.19559	0.975669	1.01189	1.01189	0.612162	0.820245	-1.21915	2.76713	6.58303	2.11468	1
cg22693772	0.168409	1.28843	1.28843	0.0328626	1.53873	1.53873	0.322997	1.19275	1.19275	0.380374	1.16808	1.16808	2.76713	1.30653	0.419699	1
cg12585331	0.988971	1.00475	1.00475	0.626252	0.845242	-1.18309	0.970295	0.987325	-1.01284	0.190957	0.622281	-1.60699	2.76712	5.14304	1.65211	1
cg03724763	0.704332	1.13879	1.13879	?	?	?	0.859978	0.941586	-1.06204	0.905679	1.04123	1.04123	2.8006	4.58153	1.63591	1
cg02728172	0.436687	0.742353	-1.34707	0.140431	0.551308	-1.81387	0.801091	0.909567	-1.09942	0.239284	0.629571	-1.58838	2.7671	6.17853	1.98476	1
cg22162312	0.25011	0.486279	-2.05643	0.0138313	0.161224	-6.20253	0.0587465	0.27784	-3.59919	0.11679	0.359806	-2.77927	2.76709	15.7707	5.0661	1
cg04505313	0.113818	0.663412	-1.50736	0.0156392	0.493176	-2.02767	0.376623	0.805402	-1.24162	0.198572	0.723198	-1.38275	2.76706	2.49339	0.800975	1
cg21196136	0.428959	0.681261	-1.46787	0.0168614	0.25011	-3.99824	0.16059	0.490448	-2.03895	0.0558386	0.357085	-2.80045	2.76698	9.90105	3.1807	1
cg22755475	0.301769	1.18307	1.18307	0.0127692	0.615002	-1.62601	0.456095	0.88756	-1.12668	0.068967	1.37686	1.37686	2.76694	1.08211	0.347631	1
cg07274922	0.799593	0.830584	-1.20397	0.947597	0.95317	-1.04913	0.168216	0.342488	-2.91981	0.312265	0.466392	-2.14412	2.76693	23.3322	7.49559	1
cg26764761	0.468383	0.432559	-2.31183	0.00345065	0.0109883	-91.0055	0.173832	0.193297	-5.17338	0.94849	0.929241	-1.07615	2.76691	56.5414	18.1643	1
cg00814573	0.711002	1.17011	1.17011	0.116795	2.05292	2.05292	0.721989	0.860016	-1.16277	0.0396699	0.366365	-2.72952	2.7669	7.80815	2.50843	1
cg10962524	0.108989	2.87751	2.87751	0.00732258	8.09068	8.09068	0.0393145	4.22828	4.22828	0.0805235	3.22885	3.22885	2.76688	16.0227	5.14748	1
cg12228245	0.221608	0.739833	-1.35166	0.556238	0.869711	-1.14981	0.276084	1.30439	1.30439	0.520278	1.16516	1.16516	2.76687	2.41075	0.774483	1
cg11152012	0.1883	1.30961	1.30961	0.136604	1.36383	1.36383	0.64844	0.915013	-1.09288	0.0575591	0.659985	-1.51519	2.76687	1.64054	0.527044	1
cg04428163	0.940602	1.07412	1.07412	0.00868646	24.7588	24.7588	0.874687	0.85947	-1.16351	0.0733993	6.7905	6.7905	2.76685	40.3464	12.9619	1
cg10036091	0.991005	1.00253	1.00253	0.00588273	2.24351	2.24351	0.37528	0.815455	-1.22631	0.0325545	0.570704	-1.75222	2.76684	2.20249	0.707584	1
cg26587715	0.349275	0.768484	-1.30126	0.00880503	2.48832	2.48832	0.414833	1.25583	1.25583	0.921685	0.973483	-1.02724	2.76679	3.27299	1.05151	1
cg11564340	0.0681287	1.67174	1.67174	0.0183201	2.0548	2.0548	0.153263	1.46917	1.46917	0.0679252	1.67253	1.67253	2.76679	2.77294	0.890865	1
cg26054336	0.0167711	0.208947	-4.78589	0.614095	0.76131	-1.31353	0.413588	0.638701	-1.56568	0.316864	0.57407	-1.74195	2.76678	12.6067	4.05016	1
cg25137590	0.175061	2.12633	2.12633	0.22484	1.94809	1.94809	0.028003	3.88761	3.88761	0.173183	2.13424	2.13424	2.76678	11.989	3.85172	1
cg23274561	0.244216	0.627725	-1.59305	0.0559579	0.437121	-2.28769	0.2728	0.64646	-1.54689	0.19574	0.592767	-1.687	2.76677	6.40136	2.05659	1
cg17859326	0.60447	0.869432	-1.15018	0.0906068	0.607005	-1.64743	0.18669	0.687435	-1.45468	0.398959	0.793567	-1.26013	2.76675	3.14154	1.0093	1
cg15537056	0.178783	0.664682	-1.50448	0.159529	1.53761	1.53761	0.266942	1.39057	1.39057	0.117622	0.614065	-1.62849	2.95877	3.68159	0.967787	1
cg04357830	0.702161	0.931907	-1.07307	0.0362119	0.639525	-1.56366	0.799223	1.04789	1.04789	0.425176	1.16123	1.16123	2.76672	1.47623	0.47428	1
cg10411221	0.201767	0.57193	-1.74847	0.0493401	0.394604	-2.53419	0.19373	0.565526	-1.76827	0.219973	0.585899	-1.70678	2.76671	7.52879	2.41885	1
cg03526503	0.456991	0.696632	-1.43548	0.00606204	0.180794	-5.53115	0.150465	0.479256	-2.08657	0.0770425	0.39131	-2.55552	2.76671	9.97956	3.20624	1
cg23644855	0.221537	0.678473	-1.4739	0.0423435	0.493662	-2.02568	0.0394567	0.487166	-2.05269	0.256335	0.69929	-1.43002	2.76669	3.99354	1.28305	1
cg09706281	0.21554	0.528688	-1.89148	0.0225885	0.263123	-3.8005	0.129404	0.448821	-2.22806	0.108854	0.425275	-2.35142	2.76669	10.4757	3.36567	1
cg01816515	0.0367384	1.22089	1.22089	0.892244	0.988914	-1.01121	0.969376	0.996847	-1.00316	0.0266758	1.24111	1.24111	2.76667	0.296424	0.0952368	1
cg21529164	0.127168	0.34079	-2.93436	0.0321613	0.19446	-5.14245	0.808355	1.17184	1.17184	0.630539	0.728884	-1.37196	2.76665	18.6591	5.99493	1
cg01356611	0.342727	0.608589	-1.64315	0.0142348	0.2152	-4.64684	0.10988	0.412556	-2.42391	0.0549944	0.331056	-3.02064	2.7666	11.3094	3.63362	1
ch.6.751103R	0.311644	0.729203	-1.37136	0.0792485	0.555524	-1.8001	0.105413	0.586416	-1.70527	0.502407	0.814345	-1.22798	2.76659	3.98846	1.28147	1
cg03599257	0.0870055	0.356362	-2.80613	0.0749402	0.338644	-2.95295	0.0247507	0.23237	-4.30349	0.137787	0.417901	-2.39291	2.76657	13.0601	4.19618	1
cg00516067	0.445908	1.51328	1.51328	0.242233	1.92049	1.92049	0.584062	0.744698	-1.34283	0.157536	0.446714	-2.23857	2.76657	12.4563	4.00218	1
cg06245037	0.119601	2.87825	2.87825	0.814932	1.15809	1.15809	0.0239411	5.40018	5.40018	0.941344	1.04714	1.04714	2.76656	17.1697	5.51658	1
cg26638003	0.0797399	0.382509	-2.61432	0.803083	0.883841	-1.13143	0.0522776	2.977	2.977	0.0198189	4.01588	4.01588	2.80003	9.6277	3.43842	1
cg26725786	0.319537	0.807523	-1.23835	0.530056	1.14134	1.14134	0.563121	0.885598	-1.12918	0.504294	0.868641	-1.15122	2.76653	1.89249	0.60806	1
cg27576259	0.324288	1.76916	1.76916	0.923074	1.05562	1.05562	0.0505068	3.48731	3.48731	0.726131	1.21786	1.21786	2.76648	13.7624	4.42195	1
cg06422146	0.521668	0.860596	-1.16199	0.00725537	0.449037	-2.22699	0.260505	1.31165	1.31165	0.232578	1.33558	1.33558	2.76645	2.34113	0.752231	1
cg14224760	0.460503	1.23881	1.23881	0.809444	1.07128	1.07128	0.144359	1.56349	1.56349	0.658921	0.88108	-1.13497	2.76645	3.55915	1.14359	1
cg09958483	0.953546	0.984543	-1.0157	0.15686	1.49912	1.49912	0.67829	0.894459	-1.11799	0.61579	0.873459	-1.14487	2.7664	3.13264	1.00657	1
cg07540983	0.246906	1.16772	1.16772	0.238097	0.853634	-1.17146	0.0189222	0.69489	-1.43908	0.268828	1.15891	1.15891	2.76638	0.718523	0.230875	1
cg15170557	0.228155	0.487376	-2.0518	0.0095064	0.154637	-6.46675	0.182857	2.23253	2.23253	0.0465455	0.273841	-3.65176	2.76635	14.1448	4.54502	1
cg16651877	0.841001	0.90356	-1.10673	0.846539	0.906807	-1.10277	0.199007	0.503983	-1.98419	0.0358359	0.291439	-3.43125	2.76632	11.168	3.58856	1
cg05012425	0.585803	1.07945	1.07945	0.0748552	0.759073	-1.3174	0.582422	0.925746	-1.08021	0.0367764	1.40081	1.40081	2.76629	0.845732	0.271758	1
cg19123408	0.426001	1.12448	1.12448	0.0968863	0.768728	-1.30085	0.0715453	1.33701	1.33701	0.117252	1.27836	1.27836	2.76628	0.912696	0.293277	1
cg00811930	0.227036	1.56793	1.56793	0.195829	1.62433	1.62433	0.565988	0.814035	-1.22845	0.995832	1.00185	1.00185	2.76626	5.50957	1.7704	1
cg25617285	0.446027	1.10177	1.10177	0.0799061	0.784699	-1.27437	0.102081	1.25014	1.25014	0.782821	1.03508	1.03508	2.76626	0.682026	0.219157	1
cg11489765	0.260243	0.508061	-1.96827	0.079072	0.32487	-3.07816	0.269702	0.515417	-1.94018	0.0816212	0.328609	-3.04313	2.76622	14.5678	4.68115	1
cg27359633	0.0405837	1.21949	1.21949	0.0307313	0.808187	-1.23734	0.611973	0.957981	-1.04386	0.762291	1.02578	1.02578	2.76613	0.308511	0.0991394	1
cg06618866	0.0748435	6.75278	6.75278	0.878432	0.862999	-1.15875	0.0279092	12.1923	12.1923	0.0983568	5.72603	5.72603	2.76612	40.5947	13.0451	1
cg08400159	0.652624	0.905238	-1.10468	0.0038931	0.42568	-2.34918	0.653401	0.905457	-1.10442	0.403367	0.828706	-1.2067	2.76611	2.11505	0.679671	1
cg06654103	0.103907	1.2689	1.2689	0.0528846	1.3427	1.3427	0.0893096	0.778081	-1.28521	0.500584	0.912498	-1.09589	2.76611	0.785844	0.252531	1
cg02137495	0.182432	0.51322	-1.94848	0.190016	0.519799	-1.92382	0.503711	0.726237	-1.37696	0.160778	0.493515	-2.02628	2.76608	9.73528	3.12846	1
cg17410857	0.441265	1.20985	1.20985	0.378049	1.24533	1.24533	0.139704	0.680093	-1.47039	0.730336	0.91949	-1.08756	2.76605	2.57802	0.828462	1
cg13549174	0.912727	1.02802	1.02802	0.0277708	0.51917	-1.92615	0.773787	0.929945	-1.07533	0.0135308	0.462893	-2.16033	2.76605	2.78251	0.894179	1
cg21965980	0.722206	0.889879	-1.12375	0.894017	1.04453	1.04453	0.127333	0.583396	-1.7141	0.217274	0.65425	-1.52847	2.76602	4.67959	1.50383	1
cg06742891	0.222604	0.523059	-1.91183	0.919264	0.950891	-1.05165	0.00628296	0.141112	-7.08656	0.5313	0.728787	-1.37214	3.2335	12.0282	2.47992	1
cg04803798	0.721774	0.914997	-1.0929	0.00593906	2.44462	2.44462	0.396235	0.805856	-1.24092	0.793074	1.0675	1.0675	2.76602	2.70417	0.869015	1
cg00737251	0.0874335	0.744397	-1.34337	0.0618612	1.38954	1.38954	0.0898264	1.33981	1.33981	0.0344804	1.47077	1.47077	2.76601	1.07215	0.344548	1
cg03552156	0.0316713	1.45382	1.45382	0.0693567	1.35229	1.35229	0.480591	1.11239	1.11239	0.195757	1.22537	1.22537	2.76597	0.96671	0.310668	1
cg16037679	0.0668377	1.20168	1.20168	0.555368	0.94806	-1.05479	0.189998	0.883276	-1.13215	0.18592	1.13361	1.13361	2.76593	0.350251	0.11256	1
cg04946721	0.0859673	0.719114	-1.3906	0.763987	1.05372	1.05372	0.737671	1.06016	1.06016	0.264296	0.816934	-1.22409	2.76592	1.3229	0.425143	1
cg07737682	0.0873553	1.44216	1.44216	0.00844322	0.52077	-1.92023	0.424672	1.17136	1.17136	0.515202	0.879842	-1.13657	2.76587	1.64857	0.529811	1
cg18006769	0.0394094	0.519587	-1.92461	0.47586	1.22043	1.22043	0.0394185	0.519607	-1.92453	0.598644	0.864212	-1.15712	2.76587	3.30698	1.06279	1
cg07159958	0.914425	0.961099	-1.04048	0.275364	1.52026	1.52026	0.0812272	0.489925	-2.04113	0.0399853	2.40187	2.40187	2.76587	5.96849	1.91814	1
cg04751089	0.0724008	0.502099	-1.99164	0.00720271	0.303628	-3.2935	0.116721	0.556716	-1.79625	0.139476	0.578974	-1.72719	2.76587	5.17311	1.66252	1
cg21750426	0.899841	0.927437	-1.07824	0.907597	0.932894	-1.07193	0.61728	1.35175	1.35175	0.449687	0.630756	-1.5854	2.76583	15.6778	5.03855	1
cg13457172	0.193454	0.342374	-2.92078	0.820937	1.19314	1.19314	0.00222109	28.1713	28.1713	0.304631	2.28888	2.28888	2.76582	26.577	8.54143	1
cg04117375	0.175669	2.64884	2.64884	0.100006	3.38459	3.38459	0.0175204	7.07009	7.07009	0.387411	1.82088	1.82088	2.7658	20.0463	6.44258	1
cg25593560	0.0086658	3.12031	3.12031	0.19238	0.62548	-1.59877	0.822094	1.0796	1.0796	0.459773	0.774172	-1.2917	2.76578	5.06612	1.62819	1
cg19185384	0.40789	0.868587	-1.1513	0.00320271	0.511886	-1.95356	0.914545	1.01802	1.01802	0.15303	1.29004	1.29004	2.76577	1.21327	0.389932	1
cg24147849	0.409825	0.868474	-1.15145	0.0906769	1.36594	1.36594	0.190298	1.26118	1.26118	0.11547	1.33148	1.33148	2.76574	1.22604	0.394041	1
cg06511274	0.14196	0.332925	-3.00368	0.160993	0.352419	-2.83753	0.0915728	3.64775	3.64775	0.50793	0.626329	-1.5966	2.76574	21.2547	6.83112	1
cg10721116	0.0685967	1.28757	1.28757	0.0298003	0.7283	-1.37306	0.373451	1.11995	1.11995	0.377359	0.893764	-1.11886	2.76569	0.673415	0.216435	1
cg07703690	0.768945	1.19734	1.19734	0.133575	0.371833	-2.68938	0.109706	0.344342	-2.90409	0.0738549	0.295771	-3.38099	2.76568	16.3736	5.26247	1
cg16554534	0.388654	0.828169	-1.20748	0.54552	0.87761	-1.13946	0.126182	1.42347	1.42347	0.0943517	0.675407	-1.48059	2.76567	1.99472	0.641106	1
cg05668720	0.340849	1.14487	1.14487	0.501054	0.910165	-1.0987	0.133511	0.800058	-1.24991	0.188031	1.212	1.212	2.76566	0.832143	0.267452	1
cg20174636	0.178978	4.82905	4.82905	0.0611592	10.2486	10.2486	0.0185145	23.3423	23.3423	0.0131251	29.7422	29.7422	2.76565	53.2855	17.1261	1
cg14255177	0.696143	0.837438	-1.19412	0.124292	0.471281	-2.12188	0.772114	1.14027	1.14027	0.778733	0.880445	-1.13579	2.76564	8.95004	2.87658	1
cg02515468	0.62674	0.623641	-1.60349	0.1102	0.186884	-5.35092	0.502671	0.519231	-1.92593	0.284002	0.342207	-2.92221	2.76562	40.6581	13.0678	1
cg20569825	0.1507	1.16963	1.16963	0.220376	0.877145	-1.14006	0.0684757	1.23059	1.23059	0.084403	1.21434	1.21434	2.76562	0.453328	0.145703	1
cg17284854	0.521907	1.12125	1.12125	0.532228	1.11801	1.11801	0.467319	0.877739	-1.13929	0.704025	0.934918	-1.06961	2.76562	1.3617	0.437659	1
cg02366856	0.0295372	1.67397	1.67397	0.00753956	1.99621	1.99621	0.114017	1.41293	1.41293	0.122531	1.39996	1.39996	2.76561	1.77055	0.569069	1
cg00645731	0.593792	0.832847	-1.2007	0.0655392	0.495474	-2.01827	0.329981	0.710667	-1.40713	0.0700952	0.502571	-1.98977	2.76561	5.05624	1.62511	1
cg18126557	0.0867565	0.574072	-1.74194	0.153065	0.638323	-1.5666	0.0959766	0.584864	-1.7098	0.885733	1.04309	1.04309	2.76558	3.77013	1.21176	1
cg01284438	0.810705	1.09717	1.09717	0.895255	0.950366	-1.05223	0.438699	0.730351	-1.35698	0.72045	1.14898	1.14898	2.76558	6.54219	2.10274	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00700140	GABBD	0.08834113	0.142561	0.712189	0.40412	0.692423	0.08939	0.08939	0.568109	1.13229	0.112258	0.699549	-1.42949	0.00830637	0.483571	-2.06795	0.433528	1.18779	0.1879	0.0890477	1.49553	1.49553	0.7225125	1.07886	1.07886	0.662092	0.909649	-1.09933	2.76555	2.03108	0.652819	1
cg01048272	CCDC57	0.08834137	0.947116	0.966907	-1.03423	0.0217925	0.247398	-4.04206	0.180062	0.485653	-2.05908	0.146671	0.453709	-2.20405	0.434112	0.307768	-3.2492	0.01002244	1.192226	-5.20222	0.114446	0.418528	-2.38933	0.256964	0.548689	-1.82253	0.119452	0.424356	-2.35651	2.76552	1.12729	3.62333	1
cg02605601	ZNF391	0.08834137	0.792991	0.963519	-1.03786	0.0811813	0.760953	-1.31414	0.0279685	1.44326	1.44326	0.708865	1.05443	1.05443	0.398447	1.12993	1.12993	0.0664553	0.74764	-1.33754	0.823126	0.968861	-1.03214	0.793274	0.963569	-1.03781	0.0439266	1.38705	1.38705	2.76552	0.874915	0.281087	1
cg01294812	MOXD1	0.08834144	0.0635281	0.781216	-1.28006	0.376357	1.113421	1.113421	0.631077	1.041046	-1.06265	0.665217	0.980439	-1.01287	0.0554396	0.773428	-1.29295	0.49418	0.921235	-1.0851	0.206055	0.853972	-1.171	0.0614149	1.283251	1.283251	0.0658918	1.27662	1.27662	2.76555	0.613455	0.197176	1
cg01253160	ROBO3	0.08834148	0.628383	0.774145	-1.29175	0.353074	0.604258	-1.65492	0.0539323	1.53338	1.53338	0.14403	1.22923	1.22923	0.2141	2.62703	2.62703	0.0982587	2.59046	2.59046	0.0108779	3.35609	3.35609	0.365046	1.6299	1.6299	0.144867	2.25377	2.25377	2.76555	0.12069	3.87854	1
cg00979288	PCDHB2	0.08834149	0.0273083	4.97587	4.97587	0.1112103	2.90407	2.90407	0.0679865	3.51106	3.51106	0.2808183	1.99321	1.99321	0.735725	0.81209	-1.23139	0.7106908	1.25724	1.25724	0.0208528	5.52183	5.52183	0.0244836	5.18954	5.18954	0.152165	2.56636	2.56636	2.7655	16.5351	5.31471	1
cg17647537	HTR3B	0.08834174	0.395914	0.572379	-1.74709	0.0151224	6.79169	6.79169	0.509299	1.53669	1.53669	0.364444	0.549856	-1.81866	0.35032	0.539583	-1.85328	0.855178	1.1244	1.1244	0.0344188	0.205291	-4.87115	0.129787	0.34983	-2.85854	0.272501	0.480469	-2.0813	2.76547	18.0395	5.79832	1
cg02805914	APBB1IP	0.08834185	0.0534143	2.84274	2.84274	0.119387	2.663	2.663	0.193156	2.44585	2.44585	0.86544	1.17258	1.17258	0.0413704	1.92811	1.92811	0.9224555	0.912654	-1.09571	0.2149864	0.2957138	-3.38507	0.0660917	6.87613	6.87613	0.0218394	13.3414	13.3414	2.76545	38.5948	12.4054	1
cg05342469	ODZ3	0.08834205	0.219064	0.55186	-1.81205	0.0197913	0.274119	-1.64805	0.1557518	0.497293	-2.01089	0.852181	0.917787	-1.08958	0.0931106	0.221433	-4.51604	0.4549838	0.704665	-1.41911	0.0506969	0.359712	-2.78	0.126901	0.467989	-2.1368	0.17848	1.15848	0.76543	9.26423	2.97779	1
cg26223654	MAST1;MAST1	0.08834214	0.126818	1.36532	1.36532	0.0314973	0.621497	-1.60902	0.0163784	0.575075	-1.7389	0.732427	0.937337	-1.06685	0.142656	0.742654	-1.34598	0.695196	0.92844	-1.07708	0.548124	0.89173	-1.12142	0.121589	0.728721	-1.37227	0.103887	0.715118	-1.39837	2.76541	1.55724	0.500544	1
cg12407882	FAM20C	0.08834243	0.0144756	1.37997	-1.37997	0.0139764	1.59559	1.59559	0.0134189	1.63847	1.63847	0.0132727	1.6324	1.6324	0.0134778	1.58128	1.58128	0.0134778	1.58128	1.58128	0.0134778	1.58128	1.58128	0.0134778	1.58128	1.58128	0.0134778	1.58128	1.58128	2.76541	1.55151	1	
cg01533443	HEG1	0.08834248	0.250264	1.2823	1.2823	0.970092	0.992271	-1.00779	0.326574	1.23321	1.23321	0.0181461	1.8108	1.8108	0.0104901	1.64994	1.64994	0.320036	1.23696	1.23696	0.0963201	1.97023	1.97023	0.235585	1.29338	1.29338	0.134965	1.39586	1.39586	2.76537	1.87601	0.603017	1
cg01271982	ANXB11	0.08834253	0.18108	0.551138	-1.81668	0.0192216	0.607974	-1.64513	0.0879625	0.405419	-2.46515	0.0914455	0.266882	2.26688	0.0406846	0.353272	-2.83068	0.4563441	0.716205	-1.3966	0.0233724	0.302443	-3.2966	0.837629	0.19453	0.09453	0.038817	0.462078	-2.15993	2.76536	8.49144	2.72946	1
cg24972056	PRDM15;PRDM15	0.08834255	0.716275	0.95012	-1.0525	0.509934	1.09924	1.09924	0.0022597	4.549334	-1.82039	0.792031	0.963633	-1.03774	0.412194	0.889107	-1.12472	0.987436	1.00221	1.00221	0.9759842	1.22683	1.22683	0.953368	1.00823	1.00823	0.961942	0.993333	-1.00671	2.76536	0.8606699	0.2766661	1
cg00005762	AKAP12	0.08834262	0.0369238	0.332562	-3.00636	0.379128	1.50667	1.50667	0.609555	0.791366	-1.26364	0.220764	1.79465	1.79465	0.0460899	0.355786	-2.81067	0.809187	0.895921	-1.11617	0.0487379	0.359665	-2.78036	0.161852	1.97109	1.97109	0.255401	0.583094	-1.71499	2.76535	0.938844	2.90543	1
cg01559726	CACNA1D	0.08834282	0.0982397	1.98172	-1.67376	0.0227564	2.16434	2.1644	0.329698	1.3284	1.3284	0.0158735	1.52408	1.52408	0.0178712	1.81674	1.81674	0.744616	-1.34261	0.41091	0.747907	0.2043004	1.03298	0.609569	1.65681	0.479073	0.815551	-1.22617	0.482856	0.817027	1.22395	0.76312	1.31042	1
cg16851417	SIM2;SIM2	0.08834286	0.37279	0.581879	-1.71857	0.324503	1.82603	1.82603	0.573196	1.40057	1.40057	0.38308	0.588994	-1.69781	0.0176427	5.52026	5.52026	0.166746	0.417923	-2.39279	0.0912745	0.332651	-3.00616	0.0696155	3.23327	3.23327	0.847303	0.892179	-1.12085	0.26531	15.339	4.93059	1
cg15719255	UMC25	0.08834311	0.395015	0.529593	-1.88824	0.0183751	0.123984	-8.06058	0.0503913	0.19645	-5.09035	0.757868	0.798103	-1.25297	0.143099	0.317563	-3.15295	0.576863	0.662779	-1.5088	0.0065296	0.0742772	-13.4676	0.0203012	0.375099	-2.66596	0.251699	0.417373	-2.39594	2.76528	23.3183	7.49557	1
cg01515196	EIF3J	0.08834358	0.4262575	1.12429	1.12429	0.185785	0.816871	-1.22418	0.0609923	0.983815	-1.01685	0.995423	0.988451	-1.01164	0.2054452	-1.21239	0.828961	0.457493	1.11526	1.11526	0.0497026	0.724135	-1.38096	0.528729	0.912091	-1.09638	0.0730669	1.13406	1.13406	2.76522	0.910359	0.292638	1
cg12431782	ENTPD3	0.08834368	0.0250464	0.234236	-4.2692	0.47579	0.673803	-1.48411	0.0686578	0.329687	-3.03318	0.0431736	0.281795	-3.54867	0.0278182	0.242772	-4.11909	0.042389	0.280053	-3.57075	0.0632665	0.320674	-3.11843	0.122507	0.402045	-2.48729	0.136181	0.41717	-2.3971	2.7652	12.9832	4.17353	1
cg14219365	MCF2L;MCF2L	0.08834379	0.0478523	1.51599	1.51599	0.0139724	0.997221	1.29721	0.226809	0.78912	-1.26723	0.0229671	0.80837	-1.04916	0.0719109	0.699353	-1.43006	0.329987	0.831205	-1.20307	0.185256	1.29481	1.29481	0.347426	1.19455	1.19455	0.293789	1.22174	1.22174	2.76519	1.48126	0.476163	1
cg11284631	OSMR;OSMR	0.08834389	0.406207	1.167571	1.16752	0.817949	1.04292	1.04292	0.846393	0.965265	-1.03598	0.14596	1.32913	1.32913	0.379476	1.17862	1.17862	0.072232	1.44153	1.44153	0.00606408	1.92176	1.92176	0.216718	0.7890046	-1.26735	0.355026	0.840778	-1.18937	2.76517	1.45506	0.467743	1
cg26449394	ZNF271;ZNF397OS;ZNF397OS;ZNF271	0.08834391	0.884651	0.971997	-1.02881	0.216797	1.28952	1.28952	0.202248	1.30137	1.30137	0.116226	0.716058	-1.39653	0.0677491	0.670084	-1.49235	0.00950613	0.52583	-1.90176	0.374199	0.836553	-1.19538	0.76647	1.06	1.06	0.821151	1.0453	1.0453	2.76517	1.67645	0.538911	1
cg09883264	NDFIP1	0.08834404	0.117801	0.85613	-1.16805	0.192493	0.881483	-1.13445	0.580809	1.05232	1.05232	0.285956	0.903621	-1.10666	0.0726961	1.20095	1.20095	0.0350119	0.798703	-1.25189	0.082501	1.19267	1.19267	0.668758	1.04015	1.04015	0.379898	1.08586	1.08586	2.76515	0.3662277	0.117744	1
cg08595806	GP2B	0.08834409	0.1617008	0.858745	-1.16503	0.516195	0.799707	-1.25119	0.282158	0.803956	-1.24439	0.0918187	0.428343	-2.33458	0.0227755	0.437204	-2.28663	0.076642	0.479394	-2.08552	0.0147555	0.32204	-3.1052	0.0274366	0.874862	-1.14304	0.0857352	0.488158	2.04852	2.76515	6.244222	2.00728	1
cg06905743	DNAJC5B	0.08834411	0.314849	0.808556	-1.23677	0.010729	1.92623	1.92623	0.146936	1.37474	1.37474	0.317562	0.809582	-1.23521	0.232024	0.779326	-1.29211	0.19107	0.753489	-1.32716	0.628195	0.905041	-1.10492	0.201601	0.759028	-1.31747	0.414497	1.18596	1.18596	2.76514	1.83076	0.58852	1
cg07726222	TSC2;TSC2;TSC2	0.08834437	0.969044	1.03091	1.03091	0.656317	1.13988	1.13988	0.0679243	1.13723	1.13723	0.0442698	1.13783	1.13783	0.0370208	1.13506	1.13506	0.983077	1.00938	1.00938	0.6948434	0.959094	-1.04266	0.0872444	1.17085	1.17085	0.0417611	1.17611	1.17611	2.76511	3.46111	1.11392	1
cg18245631	TDP1;TDP1	0.08834445	0.204493	0.775114	-1.29013	0.5616555	0.894359	-1.1158	0.6640515	1.4858	1.4858	0.345871	1.20285	1.20285	0.557552	1.19813	1.19813	0.4678337	0.55213	-1.81117	0.00925972	0.0702696	-14.2309	0.0686942	0.194295	-5.14671	0.296798	0.419048	-2.33636	2.76507	28.3125	9.10166	1
cg07503967	PSMF1	0.08834504	0.105136	1.2409	1.2409	0.0996	1.20796	1.20796	0.0796	1.2132	1.2132	0.0796	1.2132	1.2132	0.0796	1.2132	1.2132	0.234934	-4.4636	0.458722	1.6696	1.6696	-3.0809	0.380205	0.542507	-1.84324	0.116347	0.3137	-3.18776	2.76502	0.2035	0.49807	1
cg25431026	STXBP2;STXBP2	0.08834536	0.34767	0.63927	-1.57747	0.29747	0.600997	-1.6639	0.547728	0.750682	-1.33212	0.0310511	0.33231	-3.29782	0.285398	0.592713	-1.68716	0.0276032	0.2929	-3.41414	0.565991	1.31457	1.31457	0.862967	0.921791	-1.08485	0.0374457	0.12141	3.12141	2.76497	0.973129	3.12844	1
cg00887966	MUC12	0.08834562	0.324902	0.59503	-1.68055	0.0423307	0.783478	-1.27648	0.3959096	0.637695	-1.56795	0.0238375	0.313182	-3.19293	0.0283384	0.527875	-1.89473	0.0274233	0.3200033	-3.12385	0.0373703	0.344408	1.94144	1.53106	0.814942	1.22745	-3.01246	0.0845891	0.436555	2.29357	2.76497	0.972439	2.31284	1
cg20946056	NT5C3;NT5C3	0.08834537	?	?	?	0.380339	0.396925	-2.51937	0.481441	0.481752	-2.07576	?	?	?	0.274227	3.25252	3.25252	?	?	?	0.0369718	15.064	15.064	?	?	?	0.0381597	14.6806	14.6806	3.82933	31.5289	8.23353	1
cg00491350	CKorf36	0.08834547	0.0657703	2.626248	-3.47738	0.110225	0.354873	-2.81791	0.0399148	0.243107	-4.1101	0.0979449	0.33945	-2.94594	0.0150756	0.169028	-5.91618	0.275324	0.508938	-1.96488	0.0441795	0.2526268	-3.9587	0.0679956	0.310272	-3.22396	0.0628991	0.28785	-3.47403	2.76496	15.5105	4.98637	1
cg00222125	SUGT1;SUGT1	0.08834559	0.883788	0.97585	-1.02513	0.0338437	1.92448	1.92448	0.0249643	2.82448	2.82448	0.0188786	1.91512	1.91512	0.0100902	2.05908	2.05908	0.53525	1.07437	-1.2995	0.2539772	0.772604	-1.29417	0.806578	1.07375	1.07375	0.188144	1.56834	1.56834	1.7595	2.76494	0.71872	2.30979	1
cg18199554	CCL28	0.08834585	0.0515298	7.93434	7.93434	0.22037	3.33386	3.33386	0.262521	2.95967	2.95967	0.176378	0.261012	-3.83123	0.894537	0.883428	-1.13195	0.0913491	0.17595	-5.68344	0.330942	0.391623	-2.55348	0.483499	1.94539	1.94539	0.0279916	11.3618	11.3618	2.7649	38.242	12.2944	1
cg00447557	MORN1	0.08834594	0.749434	1.08086	1.08086	0.374042	0.765666	-1.25291	0.0534654	0.481725	-2.07587	0.421182	0.819959	-1.21957	0.0684357	0.427427	-2.33947	0.362259	0.78739	-1.27011	0.2136125	0.306525	-3.26169	0.0733615	1.27196	1.27196	0.708309	0.912839	-1.09548	2.76494	0.423812	1	
cg00812293	CLCN5;CLCN5;CLCN5	0.08834596	0.6625	1.2221	1.2221	0.3680887	0.330335	-3.02723	0.0396363	0.33735	-2.96428	0.78176	1.13522	1.13522	0.0814256	0.270952	-3.6907	0.319789	0.625299	-1.59923	0.255127	1.72048	1.72048	0.326092	0.620359	-1.58892	0.147471	0.491728	-2.03364	2.76489	0.13336	2.9363	1
cg15912031	DIP2C	0.08834599	0.126537	0.433924	-2.30455	0.0221132	3.99909	3.99909	0.544861	0.733781	-1.36281	0.932257	1.04388	1.04388	0.110144	0.414976	-2.40978	0.8323666	0.808464	-1.11301	0.0471764	0.317517	-3.14944	0.178012	2.06052	2.06052	0.60432	1.30221	1.30221	2.76488	11.1731	3.59206	1
cg20708129	KCTD9;CDC42	0.08834619	0.967834	1.00505	1.00505	0.542004	0.956566	-1.05231	0.6134564	0.481725	-2.07587	0.421182	0.819959	-1.21957	0.6084357	0.427427	-2.33947	0.362259	0.78739	-1.27011	0.2136125	0.306525	-3.26169	0.0733615	1.27196	1.27196	0.708309	0.912839	-1.09548	2.76488	0.423812	1	
cg02783799	MADCAM1;MADCAM1	0.08834645	0.592065	1.18307	1.18307	0.2114968	0.36687	-2.36687	0.0425413	2.06648	2.06648	0.298494	1.39785	1.39785	0.196158	1.17972	1.17972	0.252964	0.689973	-1.44933	0.0500414	0.499352	-2.00274	0.0475413	0.941885	-1.0617	0.3650441	1.33546	1.33546	2.76482	4.22995	1.35993	1
cg00739500	NPW	0.08834671	0.320204	0.88104	-1.13502	0.3447	1.34347	1.34347	0.0704	1.3809	1.3809	0.0666778	1.10804	1.10804	0.0472404	1.24048	1.24048	0.4563223	0.839633	-1.191	0.4628135	0.4056357	-2.46497	0.0426824	1.1597	1.1597	0.0494085	0.6222448	0.622248	2.76476	0.8609188	0.248	0.2637554	1
cg18634896	FGF5;FGF5	0.08834701	0.181516	0.721243	-1.3865	0.122412	0.679988	-1.47051	0.0101806	0.471983	-2.10978	0.692042	0.912359	-1.09606	0.818509	1.05438	1.05438	0.456323	0.839633	-1.191	0.462813	0.841819	-1.1879	0.124569	1.46684	1.46684	0.12133	1.47254	1.47254	2.76474	2.32428	0.747275	1
cg17321954	STX8;STX8	0.08834706	0.851596	1.03927	1.03927	0.0135508	1.61351	1.61351	0.539173	1.10354	1.10354	0.959503	0.98757	-1.01675	0.0113861	0.759242	-1.31753	0.871364	0.975258	-1.02536	0.0779855	0.905603	-1.35125	0.0918038	1.10965	1.10965	0.0604413	0.720814	-1.38732	2.76471	1.04584	0.33625	1
cg09931526	USP2;USP2	0.08834725	0.565494	1.25147	1.25147	0.64856	1.82425	1.82425	0.704651	0.876113	-1.14122	0.473603	1.32451	1.32451	0.0114289	1.55853	1.55853	0.775611	1.03447	1.03447	0.0144309	1.89254	1.89254	0.0512012	0.47303	1.32501	1.32501	0.0114289	1.30918	1.30918	0.0164872	1.8096	1.8096	2.76471	0.528	0.20883	1
cg26182497	P2RY12;P2RY12;MED12L	0.08834742	0.375469	1.23267	1.23267	0.1165871	0.510224	-1.95992	0.451137	0.838147	-1.19311	0.94091	1.01744	1.01744	0.196927	0.730719	-1.36852	0.866271	1.03952	1.03952	0.0953142	1.52416	1.52416	0.0385925	1.73497	1.73497	0.769771	1.06082	1.06082	2.76469	2.31573	0.744542	1
cg03103370	PLEKHG4B	0.08834747	0.489807	1.12007	1.12007	0.0195508	1.61351	1.61351	0.539173	1.10354	1.10354	0.959503	0.98757	-1.01675	0.0113861	0.759242	-1.31753	0.871364	0.975258	-1.02536	0.0779855	0.905603	-1.35125	0.0918038	1.10965	1.10965	0.0604413	0.720814	-1.38732	2.76471	1.04584	0.33625	1
cg10487521	NENF;NENF	0.08834753	0.99721	0.998031	-1.00107	0.828165	0.935659	-1.06877	0.107733	0.584496	-1.71087	0.340038	1.35098	1.35098	0.299499	0.719669	-1.38953	0.569404	0.838689	-1.19234	0.0074717	0.346843	-2.88827	0.0610085	1.90786	1.90786	0.622614	0.85919	-1.16389	2.76467	0.09842	1.31771	1
cg00237932	MSH4	0.08834763	0.994307	0.989597	-1.01032	0.7115591	1.04676	1.04676	0.0185203	0.703606	-1.42125	0.774797	1.03593	1.03593	0.303454	1.14015	1.14015	0.0277288	1.3774	1.3774	0.111881	1.23744	1.23744	0.201782	0.847156	-1.18042	0.545671	1.05698	1.05698	2.76466	0.663804	0.213186	1
cg27424960	C1orf175;C1orf175	0.08834783	0.8808985	0.974621	-1.02637	0.0535135	0.391854	-2.55223	0.2548352	0.254382	-3.93109	0.930394	1.04448	1.04448	0.580423	0.784219	-1.27515	0.4104603	0.43601	-2.29401	0.0514314	0.277121	-3.60854	0.0974116	1.15574	1.15574	0.3398524	0.686392	-1.45689	2.76463	8.29867	2.6682	1
cg04266607	JAZF1	0.08834798	0.0984222	2.585137	-3.86792	0.0555805	0.0661338	-15.1209	0.0927595	0.251435	-3.97716	0.750747	0.788314	-1.26853	0.179083	0.338899	-2.95073	0.236812	0.396488	-2.52214	0.0753799	0.228188	-4.38235	0.0409064	0.171831	-5.81968	0.883774	0.89657	-1.11536	2.76461	24.3919	7.84257	1
cg18236396	ZNF417	0.08834817	0.181767	2.288824	2.288824	0.1289	1.36379	1.36379	0.0138125	2.53481	2.53481	0.26699	1.74593	1.74593	0.0178196	2.14556	2.14556	0.0988643	1.47848	1.47848	0.2103255	1.60138	1.60138	0.0617926	1.29792	1.29792	0.550041	1.45501	1.45501	2.76463	4.80941	1.46102	1
cg14630206	PAK1;PAK1	0.08834828	0.874761	1.12197	1.12197	0.00584435	13.9172	13.9172	0.0210428	7.57618	7.57618	0.985151	1.01367	1.01367	0.117858	0.470784	-2.12412	0.261073	2.35192	2.35192	0.43827	1.7805	1.7805	0.330976	2.07905	2.07905	0.84354	0.865727	-1.1551	2.76457	23.3113	7.49527	1
cg02602607	DTD1	0.08834838	0.556635	0.80657	-1.23992	0.1708899	1.16416	1.16416	0.102397	1.96836	1.96836	0.918112	0.972315	-1.02847	0.4401375	0.752207	-1.32926	0.558166	1.23876	1.23876	0.0078096	0.292524	-3.41853	0.0622363	1.20938	1.20938	0.1339398	1.79562	1.79562	2.76455	3.72373	1.84036	1
cg00079093	MMP15	0.08834861	0.93374	1.01871	1.01877	0.5565583	1.62411	1.62411	0.375196	0.815834	-1.22574	0.748336	1.07464	1.07464	0.0262386	0.554527	-1.80334	0.2119	0.74509	-1.34193	0.111757	1.46214	1.46214	0.253772	1.7660031	-1.30543	0.1006544	1.67427	-1.48307	2.76452	2.18983	0.704106	1
cg13429194	ELK3	0.08834863	0.940662	1.02847	1.02847	0.0438022	2.39575	2.39575	0.0319352	2.58004	2.58004	0.170072	0.576395	-1.73492	0.0350062	0.396042	-2.52499	0.727013	0.876214	-1.14127	0.629751	1.20099	1.20099	0.341179	1.44747	1.44747	0.642932	1.19247	1.19247	2.76452	6.22434	2.00134	1
cg26316083	ITM2B	0.08834883	0.0926267	1.909937	1.909937	0.0178891	2.4293	2.4293	0.1599	1.539	1.539	0.1225357	1.37679	1.37679	0.1438664	1.30815	1.30815	0.0778543	1.2091	1.2091	0.2904307	1.80111	1.80111	0.0201101	2.25422	2.25422	0.0017096	1.47987	1.47987	2.7645	1.75984	0.524627	1
cg21023284	ILK;ILK;RRP8;ILK	0.08834902	0.796252	0.958026	-1.04381	0.997272	0.999434	-1.00057	0.425764	0.873906	-1.14429	0.885192	0.729505	-1.37079	0.1180654	0.754846	-1.32477	0.004546373	0.534523	-1.87083	0.811264	1.04044	1.04044	0.417937	1.14703	1.14703	0.325116	1.1834	1.1834	2.76444	1.20243	0.386634	1
cg00306395	SLC35C1;SLC35C1;SLC35C1	0.08834931	0.0095368	1.98172	-1.67376	0.0127206	2.22358	2.22358	0.0158	2.50248	2.50248	0.1683828	1.63753	1.63753	0.0548324	1.64773	1.64773	0.0262648	1.1774	1.1774	0.4502127	1.64073	1.64073	0.0381461	1.53394	1.53394	0.1449337	1.64683	1.64683	2.7644	1.2001	1.2001	0.2439337	0.643683	0.1921896	1
cg25937598	CAUHM3	0.08834936	0.0302438	0.287958	-3.47273	0.709131	1.20093	1.20093	0.842954	0.907623	-1.10178	0.0193486	0.251068	-3.98299	0.669144	0.81054	-1.23374	0.128577	1.48144	-2.23142	0.0285444	0.28292	-3.53457	0.0973094	0.41102	-2.43297	0.0786713	0.385077	-2.59688	2.76442	10.4541	3.36147	1
cg03041920	CLYBL	0.08834998	0.581075	0.624499	-1.60128	0.856734	0.858427	-1.16492	0.0338072	8.11313	8.11313	0.365245	0.455728	-2.19429	0.2309594	0.345976	-2.89038	0.655508	0.685153	-1.45953	0.0535685	0.157083	-6.36606	0.0254995	9.41508	9.41508	0.769147	0.780061	-1.28195	2.76434	31.2407	10.0456	1
cg14121142	DDN	0.08835001	0.0888041	1.9817	-1.67376	0.0127206	2.22358	2.22358	0.0158	2.50248	2.50248	0.1683828	1.63753	1.63753	0.0548324	1.64773	1.64773	0.0262648	1.1774	1.1774	0.4502127	1.64073	1.64073	0.0381461	1.53394	1.53394	0.1449337	1.64683	1.64683	2.7644	1.2001	1.2001	0.2439337	0.643683	0.1921896	1
cg21436456	ZNF385D	0.08835035	0.470478	0.875589	-1.14209	0.813637	0.958166	-1.04366	0.317737	0.829538	-1.20549	0.892583	0.975847	-1.02475	0.163196	1.30908	1.30908	0.225913	0.79444	-1.25875	0.0165686	1.6983	1.6983	0.110706	1.36958	1.36958	0.0439006	1.52021	1.52021	2.76428	1.43366	0.461009	1
cg27041794	CUGBP2;CUGBP2	0.08835054	0.163573	0.748291	-1.33593	0.0810894	1.90994	1.90994	0.0186	1.91028	1.91028	0.6521899	0.949145	-1.05355	0.0139703

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg25178359	FAM158A;FAM158A	0.0835951	0.0196903	1.4132	1.4122	1.380413	1.12209	1.12209	0.289886	1.14405	1.14405	0.959335	1.10627	1.10627	0.402185	1.11075	1.11075	0.555732	0.926591	-1.07574	0.129243	1.22242	1.22242	0.00854571	1.50842	1.50842	0.0656632	1.28798	1.28798	2.76302	0.6568122	0.211302	1
cg06824988	EHMT2;EHMT2	0.0835979	0.406779	1.19937	1.19937	0.68721	0.916944	-1.09058	0.40144	1.20198	1.20198	0.0280447	0.57357	-1.74637	0.0537132	1.59881	1.59881	0.775581	1.06314	1.06314	0.683972	1.84215	1.84215	0.755633	0.95331	-1.06916	0.26299	2.0081	0.6460232	1
cg08163160	C12orf57	0.083599	0.109931	0.841216	-1.18876	0.5536994	0.804613	-1.24283	0.219021	0.87961	-1.13687	0.0670086	1.22588	1.22588	0.173067	0.866002	-1.15473	0.680433	0.959736	-1.04195	0.791777	1.0266	1.0266	0.0196659	0.756057	-1.32265	0.2868898	0.8960271	-1.11598	2.76297	0.4309004	0.338628	1
cg16588624	SORBS3;SORBS3	0.0835997	0.0952414	0.203854	-4.9059	0.105768	0.215934	-4.63148	0.18405	0.18911	2.10911	0.6429027	0.0666933	-1.4994	0.0108205	0.062264	-16.0606	0.933938	0.93661	-1.06703	0.0981775	0.207279	-4.82441	0.0578622	0.154894	-6.45605	0.0762237	0.180606	-5.5369	2.76296	32.935	10.5957	1
cg20486877	GABBR1;GABBR1;GABBR1	0.0836014	0.02935	0.4847	-2.28066	0.2725348	1.90346	1.90346	0.121672	1.73431	1.73431	0.244122	1.20215	1.20215	0.244122	0.676068	-1.47914	0.605601	1.08215	1.18215	0.264864	1.45252	1.45252	0.95534	0.98217	-1.01835	0.7282115	1.11859	1.11859	2.76294	0.515581	1.45282	1
cg25208036	RSHDM2	0.0836031	0.580091	0.913165	-1.09509	0.1173551	0.599453	-1.66819	0.47545	0.888727	-1.1252	0.237293	2.22293	2.22293	0.400473	1.15016	1.15016	0.362799	1.16421	1.16421	0.0272487	1.52919	1.52919	0.797948	1.04258	1.04258	0.598879	0.917335	-1.09011	2.76292	1.1524	0.371987	1
cg09131398	BTN2A1;BTN2A1	0.0836044	0.0315041	0.449064	-2.22685	0.209648	0.657254	-1.52148	0.056779	0.50441	-1.98252	0.6512277	1.1554	1.1554	0.750255	0.903606	-1.10668	0.0126788	0.374042	-2.6735	0.64101	0.86152	-1.16074	0.0461568	0.482423	-2.06513	0.7377725	1.11257	1.11257	2.7629	0.40857	1.41834	1
cg06962787	CDRT1;CDRT1	0.0836046	0.774295	0.909477	-1.11052	0.6913796	0.919757	1.08804	0.00496321	3.88347	3.88347	0.381613	1.38703	1.38703	0.406519	0.733573	-1.36319	0.209025	0.61704	-1.62064	0.060836	1.01807	1.01807	0.9184358	0.635994	-1.57234	0.139848	1.78462	1.78462	2.76289	5.81752	1.87151	1
cg03107987	C15orf77	0.0836051	0.197147	0.537571	-1.85892	0.2616522	2.99066	2.99066	0.397669	1.3312	1.3312	0.4465514	2.29292	2.29292	0.108896	0.560154	-1.78372	0.349468	1.73924	1.73924	0.213148	0.325797	0.715227	-1.39816	0.758781	1.10711	1.10711	2.76289	4.7751	1.53627	1
cg12004295	FAM189A1	0.0836056	0.2011159	0.436766	-2.28956	0.625413	0.739412	-1.35243	0.0936819	0.09927	3.09927	0.108167	2.93137	2.93137	0.779995	0.842127	-1.18747	0.988484	0.991183	-1.0089	0.0986737	3.0377	3.0377	0.00762379	8.20826	8.20826	0.734736	1.23205	1.23205	2.76288	16.4755	5.30059	1
cg03703166	FGGY;FGGY	0.0836087	0.0426693	0.397057	-2.51846	0.2303225	0.454077	2.20227	0.1035591	0.278777	3.5871	0.12171	2.06097	2.06097	0.0179706	0.4884878	-2.04715	0.0772356	0.74724	-1.33856	0.0906614	0.307923	3.24757	0.1426295	0.72954	-1.37096	0.404637	2.47124	2.76284	31.6081	10.1693	1
cg04912778	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.0836089	0.415905	0.779321	-1.28317	0.0153863	0.409937	-2.4394	0.138972	0.620127	-1.61257	0.895309	1.04027	1.04027	0.158053	0.636005	-1.57231	0.112602	0.67851	-1.67851	0.122683	1.65125	1.65125	0.337749	1.34492	1.34492	0.724326	1.11202	1.11202	2.76284	3.9343	1.26579	1
cg00664723	FBXL7	0.0836097	0.336791	0.6059891	-1.65091	0.0297522	0.196347	-1.92425	0.0947262	0.314294	-3.18174	0.274978	0.864384	-1.15716	0.0959308	0.594064	-2.16766	0.628144	0.77902	-1.28418	0.55618	1.53663	1.53663	0.904348	0.940611	-1.06314	0.78283	1.34093	3.65142	1
cg08506687	CCDC94	0.0836134	0.0379299	2.26319	2.26319	0.79645	0.917193	-1.09028	0.726429	1.12464	1.12464	0.806735	0.921308	-1.08545	0.99759	1.00101	1.00101	0.0575567	0.487651	-2.05065	0.0333604	0.4354	-2.29674	0.0420157	0.456799	-2.18915	0.8395828	0.934448	-1.07015	2.76277	4.89271	1.57417	1
cg18302185	KATNB1	0.0836168	0.809374	0.945672	-1.05745	0.165134	1.40807	1.40807	0.0505957	1.67347	1.67347	0.523762	0.861274	-1.16107	0.282151	1.29476	1.29476	0.170604	0.731712	-1.40113	0.0248547	0.539425	-1.85383	0.106535	0.665422	-1.50281	0.895786	0.970164	-1.03075	2.76273	2.33755	0.75209	1
cg12443477	GAB1;GAB1	0.0836195	0.0195624	1.182206	-5.4883	0.1079078	0.222059	-4.30925	0.115807	0.232114	4.30925	0.0906175	0.759505	-1.31665	0.9400869	0.988084	-1.01022	0.562538	0.77826	-1.28506	0.0944251	0.190999	0.439046	-2.27766	0.586274	0.717736	-1.39327	0.690579	1.27313	1.27313	0.723003	1.23959	1.23959	2.76269	1.9562	1.12743	1
cg00605358	DUSP6;DUSP6	0.0836196	0.0382732	0.785751	-1.27267	0.6488666	1.23146	1.23146	0.55531	1.06174	1.06174	0.367287	0.911191	-1.09746	0.404519	1.08943	1.08943	0.0713447	0.816895	-1.22415	0.5111294	0.935288	-1.06919	0.8728879	0.984049	-1.01621	0.0598948	1.23761	1.23761	2.76269	0.441227	0.141964	1
cg19386336	TAF7L;TAF7L	0.0836199	0.0867179	0.45928	2.45928	0.719018	0.700315	-1.42793	0.320896	2.75383	2.75383	0.970073	1.03768	1.03768	0.474346	2.0491	2.0491	0.615222	1.64824	1.64824	0.654952	0.643776	-1.55818	0.0656205	0.27017	32.7017	0.0191252	16.3784	16.3784	2.76268	42.5388	13.6868	1
cg00355694	EHMT2;EHMT2	0.0836241	0.4490078	0.89242	-1.12045	0.3152113	1.50214	1.50214	0.0936175	0.759505	-1.31665	0.9400869	0.988084	-1.01022	0.562538	0.08956	1.08956	0.105911	0.27968	-3.57548	0.0053758	0.129708	0.29768	-3.35973	0.0755738	1.71114	1.71114	0.882954	0.979498	-1.02107	0.315547	1.16546	1.16546	2.76263	0.952556	0.30649	1
cg19257089	CHST8;CHST8;CHST8	0.0836272	0.602626	1.29051	1.29051	0.9515134	0.970918	-1.02995	0.461177	1.43945	1.43945	0.259193	1.77857	1.77857	0.884207	1.07332	1.07332	0.628193	1.26737	1.26737	0.00845115	0.195403	-5.11764	0.799298	0.883639	-1.13168	0.0206247	0.258291	-3.8736	2.76259	10.315	3.31895	1
cg08769300	TRPC3	0.083628	0.10106	1.43099	1.67099	0.299632	0.9354	-1.9598	0.625079	1.15221	1.15221	0.434603	1.25601	1.25601	0.0217812	0.450822	-2.19741	0.067882	1.79443	1.79443	0.879768	0.970598	-1.04417	0.853871	1.05413	1.05413	0.5574614	1.84844	1.84844	2.76257	3.57673	1.15085	1
cg05892903	RIPK2	0.0836299	0.852841	1.04274	1.04274	0.733786	0.925942	-1.07998	0.405361	0.825399	-1.21154	0.61897	0.893148	-1.11963	0.643993	0.900408	1.11061	0.529528	0.86624	-1.15438	0.0150185	0.356581	-2.80441	0.51221	1.16363	1.16363	0.789317	1.06222	1.06222	2.76255	2.22283	0.715227	1
cg12089360	CLN8	0.0836331	0.597593	1.813053	1.24096	0.779136	0.6316	1.58356	0.0153266	2.42611	2.42611	0.143609	1.136	1.136	0.0179629	0.327221	1.05603	0.0601334	1.74234	1.74234	?	?	?	0.112636	0.636219	-1.57179	0.4141402	0.803635	1.24435	2.83732	2.39636	0.965242	1
cg20572882	GDSR1;GDSR1;GDSR1	0.0836332	0.522726	1.18485	1.18485	0.385876	1.26209	1.26209	0.0549015	0.565504	-1.76833	0.103051	0.626903	-1.59514	?	?	?	0.0601334	1.74234	1.74234	?	?	?	0.112636	0.636219	-1.57179	0.4141402	0.803635	1.24435	2.83732	2.39636	0.965242	1
cg17371621	RORA	0.0836334	0.9955507	1.00269	1.00269	0.51025	1.37569	1.37569	0.749557	0.858176	-1.16526	0.29011	0.343811	3.41811	0.026608	0.285101	-3.50753	0.334174	1.60908	1.60908	0.0960603	2.43609	2.43609	0.0742986	2.6039	2.6039	0.891797	1.06716	1.06716	2.7625	9.97783	3.21056	1
cg02311540	DNM1P35	0.0836346	0.0244413	0.380426	-2.62907	0.4422787	1.39127	1.39127	0.178008	0.831583	-1.20295	0.0178112	1.11403	1.11403	0.0451155	0.496297	-2.01566	0.847533	0.92546	-1.08027	0.5354662	1.08107	1.08107	0.553858	0.95256	-1.04982	0.7348549	1.07484	1.07484	2.76249	0.7085	0.27991	1
cg27576209	HAGHL;HAGHL;HAGHL;CCDC78	0.0836379	0.105212	1.19045	1.19045	0.769376	0.971463	-1.02938	0.137733	1.17047	1.17047	0.125776	0.849467	-1.17721	0.361112	1.09686	1.09686	0.535679	1.06371	1.06371	0.334367	0.906606	-1.10301	0.6656904	1.22556	1.22556	0.0160181	1.33688	1.33688	2.76244	0.424288	0.136526	1
cg11136751	LRRC2;LRRC2	0.0836393	0.0181853	1.511322	1.511322	0.266183	0.945908	-1.18216	0.553588	1.13432	1.13432	0.10892	0.988079	1.13312	1.13312	0.335161	1.06022	0.493388	1.10571	1.10571	0.707984	1.746692	-1.13924	0.8080014	0.884504	-1.13553	0.0713857	1.33758	1.33758	2.76242	0.918215	0.329725	1
cg14120045	HSPB6	0.0836419	0.150176	2.54618	2.54618	0.0471733	0.95953	1.95953	0.0100033	7.17329	7.17329	0.0636962	0.533631	0.533631	0.0137875	0.843194	1.18597	0.153951	0.52142	1.92142	0.0460494	0.644945	0.285163	1.95939	1.95939	0.262138	1.95939	1.95939	2.76238	16.0614	5.1683	1
cg26734950	KLHL25	0.0836439	0.281676	1.15355	1.15355	0.297229	1.14794	1.14794	0.108915	0.799944	-1.25009	0.558471	0.927237	-1.07847	0.771775	1.03783	1.03783	0.15705	0.875962	-1.1416	0.0402066	1.35343	1.35343	0.508261	0.917883	-1.08946	0.0183167	0.693831	-1.44127	2.76235	0.713127	0.229475	1
cg13528447	PTEN;KLLN;KLLN	0.0836447	0.0713849	1.4077	1.4077	0.162382	1.16353	1.16353	0.0448908	1.48216	1.48216	0.553588	1.16353	1.16353	0.0448908	1.48216	1.48216	0.432109	0.840756	-1.18956	0.0441731	0.439557	-2.27502	0.312957	0.75332	-1.32763	0.1208174	1.72334	1.72334	2.04771	0.658027	1	1
cg09309979	FIMD4A	0.0836466	0.0809041	1.46953	1.46953	0.53025	0.881216	-1.1348	0.153665	0.72279	-1.38353	0.55398	1.12644	1.12644	0.19353	1.31473	1.31473	0.376411	1.19786	1.19786	0.0545226	2.20851	2.20851	0.08259	0.99567	-1.00435	0.607758	1.10846	1.10846	2.76232	1.73056	0.556879	1
cg10778249	UG1	0.0836494	0.0003511	0.299783	-3.33615	0.0231649	0.731316	1.58569	0.0417004	0.634557	1.57628	0.0480867	0.634557	1.57628	0.0480867	0.634557	1.57628	0.109154	0.545414	1.83358	0.0477241	0.288124	0.54017	1.85106	0.0477241	0.288124	0.54017	1.85106	0.0477241	2.76232	0.7181	0.249319	1
cg14161369	FMN1	0.0836503	0.2220382	0.607699	-1.64555	0.286568	0.650818	-1.53653	0.111101	0.509825	-1.96146	0.309936	0.66511	-1.50351	0.00284894	0.203125	4.92307	0.10558	0.503473	-1.9862	0.0654934	0.448257	-2.23086	0.936765	0.969673	-1.03128	0.491694	0.762564	3.13137	2.76227	0.59544	0.21079	1
cg18821418	ARHB1;MIR326;ARHB1	0.0836531	0.199439	0.613857	-1.62904	0.0486975	1.83269	1.83269	0.319085	1.42572	1.42572	0.613825	0.832637	-1.201	0.114546	0.539134	-1.85483	0.511454	0.786859	-1.27088	0.68402	1.15868	1.15868	0.846026	0.91267	-1.07219	0.52064	0.791067	-1.26412	0.76223	5.6681	1.824	1
cg05223592	IQCE;IQCE	0.0836568	0.891226	1.08353	1.08353	0.923911	0.97316	-1.02756	0.633126	1.04706	1.04706	0.92735	1.02296	1.02296	0.167732	0.951057	-1.44035	0.680023	0.903788	1.10665	0.4116484	0.33557	-2.98005	0.0313414	0.782623	1.27818	0.923379	0.976033	-1.02456	0.761782	0.927114	-1.07862	0.74218	2.76245	0.872244	1
cg21465061	TUBGCP3	0.0836569	0.060053	1.71079	1.71079	0.158687	0.682924	-1.46429	0.0523437	0.57203	-1.74816	0.124185	1.52412	1.52412	0.131123	0.661924	1.51075	0.496623	0.839695	-1.19091	0.622002	0.881798	-1.13405	0.848548	1.04959	1.04959	0.0625825	0.588333	-1.69972	2.76218	2.80307	0.90205	1
cg21865108	CRY2;CRY2	0.0836583	0.1545154	1.84592	1.84592	0.378375	0.93575	1.93575	0.163342	1.81342	1.81342	0.305502	0.502112	1.98996	0.0139241	0.520702	1.92013	0.773224	1.29468	1.29468	0.295432	0.744203	1.34344	0.480215	0.715503	1.39804	0.2955	0.738482	1.35344	2.76215	1.83894	0.708947	1	1
cg13475977	CRYL1	0.0836629	0.111648	1.73516	1.57316	0.584734	0.865617	-1.15525	0.504781	0.837787	-1.19362	0.812302	0.939688	-1.06418	0.133776	0.655149	1.52637	0.866385	1.04502	1.04502	0.00690766	2.49512	2.49512	0.244062	0.727086	-1.37535	0.370858	0.786396	1.27162	2.76209	1.99155	0.962733	1
cg06554781	ZNF324B	0.0836662	0.0054032	0.59555	-1.67901	0.441332	0.894841	-1.11752	0.756605	1.04498	1.04498	0.0223537	0.678852	-1.47308	0.204667	0.827454	-1.20853	0.741774	1.04791	1.04791	0.29978	0.858929	-1.16424	0.526141	1.09516	1.09516	0.642176	0.935924	-1.06846	2.76205	0.876053	0.281933	1
cg13295134	ABCC8	0.0836664	0.0582804	1.41508	1.41508	0.342611	1.31464	1.31464	0.0917483	1.16342	1.16342	0.180602	0.622117	-1.60929	0.0139241	0.520702	1.92013	0.0190213	1.73444	1.73444	0.0158046	2.52078	2.52078	0.0158046	0.47778	1.47778	0.387329	0.810187	-1.23428	0.605116	0.883464	-1.13191	0.8073854	1.33758	1.33758	2.76202	0.918215	0.329725	1
cg24831107	PER2;PER2	0.083669	0.35967	1.88624	1.88624	0.813037	1.17412	1.17412	0.594729	1.43591	1.43591	0.845963	1.14003	1.14003	0.255008	0.722483	2.22483	0.217849	2.39521	2.39521	0.0030599	0.660027	0.660027	0.0030599	0.660027	0.660027	0.0030599	0.660027	0.660027	2.76198	0.660027	0.660027	1
cg03659191	ZNF512;ZNF512	0.0836691	0.11937	0.69907	-1.43004	0.422787	1.39127	1.39127	0.178008	0.831583	-1.20295	0.0178112	1.11403	1.11403	0.0451155	0.496297	-2.01566	0.847533	0.92546	-1.08027	0.5354662	1.08107	1.08107	0.553858	0.95256	-1.04982	0.7348549	1.07484	1.07484	2.76197	0.7085	0.27991	1
cg16507827	OSBPL5;OSBPL5;OSBPL5	0.0836698	0.0158363	0.667313	-1.49855	0.416508	0.12036	-1.12036	0.496084	0.90975	-1.0992	0.502394	1.09764	1.09764	0.316493	1.15226	1.15226	0.109033	0.73444	0.73444	0.0124966	0.4109	0.4109	0.0124966	0.4109	0.4109	0.0124966	0.4109	0.4109	2.76196	0.4109	0.4109	1
cg12395134	ABCC8	0.0836704	0.0582804	1.41508	1.41508	0.342611	1.31464	1.31464	0.0917483	1.16342	1.16342	0.180602	0.622117	-1.60929	0.0139241	0.520702	1.92013	0.0190213	1.73444	1.73444	0.0158046	2.52078	2.52078	0.0158046	0.47778	1.47778	0.387329	0.810187	-1.23428	0.605116	0.883464	-1.13191	0.8073854	1.33758	1.33758	2.76192	0.918215	0.329725	1
cg14120045	HSPB6	0.0836719	0.150176	2.54618	2.54618	0.0471733	0.95953	1.95953	0.0100033	7.17329	7.17329	0.0636962	0.533631	0.533631	0.0137875	0.843194	1.18597	0.153951	0.52142	1.92142	0.0460494	0.644945	0.285163	1.95939	1.95939	0.262138	1.95939	1.95939	0.262138	16.0614	5.1683	1
cg26734950	KLHL25	0.0836719	0.281676	1.15355	1.15355	0.297229	1.14794	1.14794	0.108915	0.799944	-1.25009	0.558471	0.927237	-1.07847	0.771775	1.03783	1.03783	0.15705	0.875962	-1.1416	0.0402066	1.35343	1.35343	0.508261	0.917883	-1.08946	0.0183167	0.693831	-1.44127	0.76235	0.713127	0.229475	1
cg13528447	PTEN;KLLN;KLLN	0.0836747	0.0713849	1.4077	1.4077	0.162382	1.16353	1.16353	0.0448908	1.48216	1.48216	0.553588	1.16353	1.16353	0.0448908	1.48216	1.48216	0.432109	0.840756	-1.18956	0.0441731	0.439557	-2.27502	0.312957	0.75332	-1.32763	0.1208174	1.72334	1.72334	2.04771	0.658027	1	1
cg09309979	FIMD4A	0.0836466	0.0809041	1.46953	1.46953	0.53025	0.881216	-1.1348	0.153665	0.72279	-1.38353	0.55398	1.12644	1.12644	0.19353	1.31473	1.31473	0.376411	1.19786	1.19786	0.0545226	2.20851	2.20851	0.08259	0.99567	-1.00435	0.607758	1.10846	1.10846	2.76232	1.73056	0.556879	1
cg10778249	UG1	0.0836494	0.0003511	0.299783	-3.33615	0.0231649	0.731316	1.58569	0.0417004	0.634557	1.57628	0.0480867	0.634557	1.57628	0.0480867	0.634557	1.57628	0.109154	0.545414	1.83358	0.0477241	0.288124	0.54017	1.85106	0.0477241	0.288124	0.54017	1.85106	0.0477241	2.76232	0.7181	0.249319	1
cg14161369	FMN1	0.0836503	0.2220382	0.607699	-1.64555	0.286568	0.650818	-1.53653	0.111101	0.509825	-1.96146	0.309936	0.66511	-1.50351	0.00284894	0.203125	4.92307	0.10558	0.503473	-1.9862	0.0654934	0.448257	-2.23086	0.936765	0.969673	-1.03128	0.491694	0.762564	3.13137	2.76227	0.59544	0.21079	1
cg18821418	ARHB1;MIR326;ARHB1	0.0836531	0.199439	0.613857	-1.62904	0.0486975	1.83269	1.83269	0.319085	1.42572	1.42572	0.613825	0.832637	-1.201	0.114546	0.539134	-1.85483	0.511454	0.786859	-1.27088	0.68402	1.15868	1.15868	0.846026	0.91267	-1.07219	0.52064	0.791067	-1.26412	0.76223	5.6681	1.824	1
cg05223592	IQCE;IQCE	0.0836568	0.891226	1.08353	1.08353	0.923911	0.97316	-1.02756	0.633126	1.04706	1.04706	0.92735	1.02296	1.02296	0.167732	0.951057	-1.44035	0.680023	0.903788	1.10665	0.4116484	0.33557	-2.98005	0.0313414	0.782623	1.27818	0.923379	0.976033	-1.02456	0.761782	0.927114	-1.07862	0.74218	2.76245	0.872244	1
cg21465061	TUBGCP3	0.0836569	0.060053	1.71079	1.71079	0.158687	0.682924	-1.46429	0.0523437	0.57203	-1.74816	0.124185	1.52412	1.52412	0.131123	0.661924	1.51075	0.496623	0.839695	-1.19091	0.622002	0.881798	-1.13405	0.848548	1.04959	1.04959	0.0625825	0.588333	-1.69972	0.76218	2.80307	0.90205	1
cg13475977	CRYL1	0.0836629	0.111648	1.73516	1.57316	0.584734	0.865617	-1.15525	0.504781	0.837787	-1.19362	0.812302	0.939688	-1.06418	0.133776	0.655149	1.52637	0.866385	1.04502	1.04502	0.00690766	2.49512	2.49512	0.244062	0.727086	-1.37535	0.370858	0.786396	1.27162	2.76209	1.99155	0.962733	1
cg06554781	ZNF324B	0.0836662	0.0054032	0.59555	-1.67901	0.441332	0.894841	-1.11752	0.756605	1.04498	1.04498	0.0223537	0.678852	-1.47308	0.204667	0.827454	-1.20853	0.741774	1.04791	1.04791	0.29978	0.858929	-1.16424	0.526141	1.09516	1.09516	0.642176	0.935924	-1.06846	0.76205	0.876053	0.281933	1
cg13295134	ABCC8	0.0836704	0.0582804	1.41508	1.41508	0.342611	1.31464	1.31464	0.0917483	1.16342	1.16342	0.180602	0.622117	-1.60929	0.0139241	0.520702	1.92013	0.0190213	1.73444	1.73444	0.0158046	2.52078	2.52078	0.0158046	0.47778	1.47778	0.387329	0.810187	-1.23428	0.605116	0.883464	-1.13191	0.8073854	1.33758	1.33758	0.76192	0.918215	0.329725	1
cg24831107	PER2;PER2	0.083669	0.35967	1.88624	1.88624	0.813037	1.17412	1.17412	0.594729	1.43591	1.43591	0.845963	1.14003	1.14003	0.255008	0.722483	2.22483	0.217849	2.39521	2.39521	0.0030599	0.660027	0.660027	0.0030599	0.660027	0.660027	0.0030599	0.660027	0.660027	2.76198	0.660027	0.660027	1
cg03659191	ZNF512;ZNF512	0.0836691	0.11937	0.69907	-1.43004	0.422787	1.39127	1.39127	0.178008	0.831583	-1.20295	0.0178112	1.11403	1.11403	0.0451155	0.496297	-2.01566	0.847533	0.92546	-1.08027	0.5354662	1.08107	1.08107	0.553858	0.95256	-1.04982	0.7348549	1.07484	1.07484	2.76197	0.7085	0.27991	1
cg16507827	OSBPL5;OSBPL5;OSBPL5	0.0836698	0.0158363	0.667313	-1.49855	0.416508	0.12036	-1.12036	0.496084	0.90975	-1.0992	0.502394	1.09764	1.09764	0.316493	1.15226	1.15226	0.109033	0.73444	0.73444	0.0124966	0.4109	0.4109	0.0124966	0.4109	0.4109	0.0124966	0.4109	0.4109	2.76196	0.4109	0.4109	1
cg11308642	MGMT	0.0836714	0.365324	0.649616	-1.54016	0.0353795	0.3566	-2.80426	0.387132	0.700409	-1.42863	0.805229	1.04731	1.04731	0.0934099	0.629544	-1.58849	0.0197004	0.48364	-2.06756	0.0196441	0.209614	-4.76958	0.0185187	0.0955	-10.4714	0.0096068	0.817061	-1.22391	2.76198	6.50516	2.11171	1
cg06579945	C1orf52	0.0836716	0.221181	0.747978	-1.33694	0.0104454	0.482915	-2.07076	0.540748	0.85563	-1.16845	0.34067	0.955567	1.0465	0.554503	0.870666	1.14855	0.583343	1.13324	1.13324	0.0131089	0.499221	-2.00312	0.154394	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg13867669	APBA1	0.0837852	0.567312	1.08307	1.14037	1.842326	1.04629	1.04629	0.00411683	1.39709	2.39709	0.682429	0.9116634	-1.096693	1.135717	1.44092	1.44092	0.564174	0.875954	-1.14161	0.729379	1.0821	1.0821	0.202188	1.11684	1.11684	0.0947203	0.658869	1.517775	2.76042	2.25644	0.726602	1
cg27401724	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.0837855	0.0116054	2.260088	-3.84485	0.647033	1.21747	1.21747	0.189984	1.80844	1.80844	0.639985	1.2227	1.2227	0.295203	0.6895592	-1.45013	0.117737	2.06491	2.06491	0.318565	1.55268	1.55268	0.767204	0.880092	-1.13508	0.0735048	0.426707	-2.34353	2.76041	7.96417	2.56456	1
cg25522508	KANK2;KANK2	0.0837861	0.212025	0.708215	-1.412	0.0101896	0.427296	-2.3403	0.1678	0.679898	-1.47081	0.688887	1.1114	1.1114	0.309904	1.31753	1.31753	0.0861745	0.608008	-1.64472	0.301952	1.324	1.324	0.288501	1.33533	1.33533	0.3463362	0.775308	-1.28981	2.76041	3.0111	0.969615	1
cg06833562	ZNHIT6;ZNHIT6;ZNHIT6;ZNHIT6	0.0837865	0.98084	0.994315	-1.0057	0.3507	1.25522	1.25522	0.248157	1.3307	1.3307	0.0604875	0.05096	-1.65027	0.810485	1.05204	1.05204	0.175216	0.710033	-1.4066	0.0502388	1.69594	1.69594	0.0337596	1.79801	1.79801	0.15681	1.431011	1.43101	2.7604	2.44844	0.788434	1
cg07828169	8-Sep	0.0837921	0.294031	1.52157	1.52157	0.905064	1.04709	1.04709	0.838324	1.08198	1.08198	0.114595	1.93457	1.93457	0.52525	1.27866	1.27866	0.0504656	2.36256	2.36256	0.0373724	1.38742	1.38742	0.0611574	2.25625	2.25625	0.0318065	2.56503	2.56503	2.76032	6.50208	2.09382	1
cg04531363	CCDC46;CCDC46	0.0837932	0.34957	0.63561	-1.57329	0.095799	0.422759	-2.36541	0.0572886	0.3634582	-2.75135	0.3675885	0.54584	0.54584	0.118165	0.4500397	-2.22203	0.0284766	0.296205	-3.37609	0.0405796	0.3286512	-3.04311	0.0473168	0.343701	-2.90951	0.0805117	1.073335	1.073335	2.76031	9.68262	3.11805	1
cg21942572	MCF2L;MCF2L	0.0837937	0.21459	1.45923	1.45923	0.0214705	2.223351	2.223351	0.009725	2.57532	2.57532	0.278573	1.38526	1.38526	0.284834	0.725172	-1.37898	0.0117	0.968422	-1.03261	0.181878	1.50664	1.50664	0.15128	1.56017	1.56017	0.3058451	1.3589	1.3589	2.7603	3.65771	1.17788	1
cg01968761	PI2D4	0.0837945	0.251352	1.55403	1.55403	0.0180577	1.43995	1.423935	0.219948	1.60716	1.60716	0.841086	0.928212	-1.07554	0.00722159	0.279353	-3.57971	0.0509569	0.440185	-2.27216	0.5595908	0.8084564	-1.24245	0.628886	0.809385	-1.19619	0.606262	0.829333	-1.21077	0.76029	5.91572	1.60502	1
cg01598222	ERBB2IP;ERBB2IP	0.0837988	0.864478	0.978225	-1.02226	0.0127631	0.607169	-1.67139	-1.48994	0.522125	0.937984	-1.06612	0.840859	1.00961	1.00961	0.0300023	0.719823	-1.38923	1.006078	0.796542	-1.25543	0.111872	1.24998	1.24998	0.532827	1.08482	1.08482	0.705943	0.952322	1.05206	0.726096	0.233828	1
cg20383794	TRPM5	0.0838004	0.337405	0.806953	-1.23923	0.659389	0.908286	-1.10097	0.063959	0.636641	-1.57074	0.355654	0.813784	-1.22883	0.571265	0.883301	-1.13212	0.0140898	0.518301	-1.92938	0.0289659	0.57213	-1.74785	0.113582	0.688394	-1.45266	0.0171453	0.532583	-1.87764	2.76021	2.05616	0.662157	1
cg12934689	WDR89;WDR89	0.0838039	0.0343164	2.18087	1.14037	0.983682	0.189434	1.91227	0.0441266	2.07548	2.07548	0.186883	1.32319	1.32319	0.588096	1.13845	1.13845	0.039975	2.1161	2.1161	0.0120387	2.64873	2.64873	0.6505168	1.15486	1.15486	0.152219	1.62296	1.62296	2.76016	4.35795	1.40344	1
cg01235463	NUDT9P1	0.0838041	0.122739	0.60775	-1.64541	0.0080462	2.74818	2.74818	0.308664	0.736693	-1.36856	0.264726	0.707407	-1.41361	0.212534	0.676383	-1.47845	0.992284	0.997125	-1.00288	0.936057	0.97639	-1.02418	0.391379	1.29889	1.29889	0.177672	0.652738	-1.53201	2.76016	3.87652	1.2484	1
cg15334006	PLA2G4F;PLA2G4F	0.0838062	0.895877	0.957425	-1.05527	0.0297758	0.94667	-1.06258	0.859374	0.0883227	0.465183	-2.16537	0.971457	0.985404	-1.01481	0.267702	0.620263	-1.612202	0.041633	0.380108	2.62983	0.0072751	0.241142	-4.14685	0.441838	0.71105	-1.40459	0.159026	0.5661107	-1.76645	2.76013	7.37928	2.37647	1
cg01249583	FGR	0.0838091	0.0883815	0.786854	-1.27088	0.190907	0.838172	-1.19307	0.637574	1.26235	1.06235	0.0531166	0.755695	-1.32128	0.765541	1.03886	1.03886	0.0472343	0.748708	-1.33563	0.6519817	1.37756	1.37756	0.6048888	0.918634	-1.06879	0.526887	0.921524	-1.08516	2.76009	0.7302884	0.228747	1
cg02413627	MEGF11	0.0838099	0.811207	0.96446	-1.03685	0.0341827	1.45314	1.45314	0.390027	1.14248	1.14248	0.30808	1.13772	1.13772	0.0614708	0.7210112	-1.38694	0.12983	0.780787	-1.28076	0.6039085	1.36048	1.36048	0.858548	1.02199	1.02199	0.151961	1.26124	1.26124	2.76008	0.9996637	0.321935	1
cg20092199	KIAA1530	0.0838164	0.0267509	2.393366	-2.96467	0.2963481	1.56191	1.56191	0.347269	0.9733133	-1.02765	0.5103332	1.3229	1.3229	0.0291116	0.2803737	-3.56409	0.2509013	1.17205	1.17205	0.0883607	1.30028	1.30028	0.2809715	1.25002	1.25002	0.0883157	1.233533	1.23353	2.76007	1.74163	1.38701	1
cg03123608	HIVEP3;HIVEP3	0.0838172	0.3866318	0.876335	-1.14112	0.0495588	0.716577	-1.39552	0.0668044	0.7366341	-1.35753	0.393028	1.139	1.139	0.380815	0.874843	-1.14306	0.0340102	1.44495	1.44495	0.954377	0.9915261	-1.00855	0.629554	0.930257	-1.07497	0.104037	1.302611	1.302611	2.76007	3.65771	1.17788	1
cg20942984	GRIN3B	0.0838195	0.224363	1.37203	1.37203	0.495284	1.18752	1.18752	0.426575	0.8153153	-1.22653	0.928641	1.023851	1.023851	0.102216	0.940908	1.27582	1.27582	0.934337	0.979756	-1.02066	0.008253	2.331286	2.331286	0.0168889	2.217917	2.217917	0.649744	1.12016	1.12016	2.75985	2.69277	0.867253	1
cg21404700	OBSL1	0.0838208	0.300947	0.770892	-1.2972	0.0645839	0.740292	-1.35082	0.042757	0.3530628	-2.83201	0.1287537	0.860802	0.860802	0.0183971	0.6885514	0.27412	-1.36218	0.290013	1.17205	1.17205	0.0883607	1.30028	1.30028	0.2809715	1.25002	1.25002	0.0883157	1.233533	1.23353	2.75983	0.9171119	0.295376	1
cg16857610	CRLF1	0.0838222	0.545078	1.50462	1.50462	0.112408	0.315737	-3.16719	0.984339	0.9860993	-1.01318	0.0711248	1.83705	1.83705	0.0963758	1.37961	1.37961	0.0269759	5.73805	5.73805	0.48969	0.6226201	-1.59693	?	?	?	?	?	?	?	2.83457	15.5361	6.26391	1
cg15844419	CDL1BA1	0.0838229	0.0567894	2.63322	2.63322	0.0109546	1.83474	1.83474	0.0784744	1.51024	1.51024	0.0185455	0.528849	-1.8909	0.204532	1.82438	1.82438	0.4543528	1.49002	1.49002	0.0459547	1.03164	1.03164	0.0359547	2.99135	2.99135	0.0785241	2.40503	2.40503	2.75981	8.8152	2.83913	1
cg09326027	NTRK2;NTRK2;NTRK2;NTRK2;NTRK2	0.0838229	0.269019	0.684925	-1.46001	0.849038	0.140685	1.06465	0.143016	1.67782	1.67782	0.339557	1.3821	1.3821	0.505074	0.800638	-1.249	0.372161	0.739915	-1.35151	0.0430932	0.806313	-1.24021	0.431207	1.30228	1.30228	0.2599	4.72419	1.52153	1
cg16785387	ACTR6	0.0838234	0.347229	0.824141	-1.21319	0.169311	0.147602	1.06465	0.0881498	1.77552	1.77552	0.213882	1.13882	1.13882	0.254114	0.8752344	-1.14262	0.0233971	0.705256	-1.41796	0.0164956	0.433199	-2.30739	0.0838377	1.07001	1.07001	0.1147459	0.563186	-1.77561	2.75989	6.79758	2.18926	1
cg20102585	MEP1B	0.0838247	0.20337	0.751693	-1.33033	0.6641864	0.642655	-1.55604	0.695347	0.919739	-1.08727	0.381653	0.826342	-1.21015	0.308554	0.799281	-1.25112	0.3998819	0.832581	-1.20108	0.0242423	1.77011	1.77011	0.0731535	1.52933	1.52933	0.258223	0.778184	-1.28504	2.75988	1.97537	0.636218	1
cg14597214	TACC1;TACC1	0.0838253	0.98956	1.00552	0.0676179	2.36378	2.36378	0.87281	1.0697	1.6697	0.62456	0.812671	-1.23051	0.00697806	0.230489	-4.3386	0.0202021	0.899156	-1.11144	0.0762189	0.43621	-2.29247	0.530669	1.30617	1.30617	0.523516	1.31244	1.31244	2.75987	7.73043	2.48979	1
cg04877959	ATP2C2	0.0838265	0.2620044	1.41153	1.41153	0.0814488	0.424773	-2.35464	0.0221552	0.4668427	-2.14227	0.0702528	1.10961	1.10961	0.0625244	0.9013812	-1.10982	0.0945013	1.19251	1.19251	0.2382812	1.31693	1.31693	0.5379355	1.85412	1.85412	0.0158852	2.32133	2.32133	2.75982	2.79384	0.8098458	1
cg08443845	RUNX1	0.0838286	0.024358	0.171655	-5.82564	0.0202218	0.158939	-6.29171	0.0467149	0.2241024	-4.46225	0.1412571	0.353777	-2.82664	0.044491	0.219688	4.55191	0.649641	0.74055	-1.35035	0.542624	0.6671288	-1.49896	0.765378	0.821552	-1.21721	0.0445101	0.219727	-4.55111	2.75982	18.8544	6.07266	1
cg15102306	HEPH;HEPH;HEPH;HEPH	0.0838345	?	?	?	?	0.203602	-5.18465	0.076572	-3.53863	?	?	?	?	?	?	?	0.0082972	0.282292	-3.54243	0.232329	0.277483	-3.60383	0.0624033	0.572418	-1.74608	0.07385	0.327907	3.050452	-3.69036	0.587078	2.75981	32.7907	12.4456	1
cg20975835	CCDC88B	0.0838382	0.305466	0.7615552	-1.1304	0.0100493	0.417241	-2.39669	0.0220019	0.4775247	-2.09403	0.153298	0.662729	-1.50891	0.20596	0.698418	-1.43181	0.512876	1.19548	1.19548	0.552135	1.17566	1.17566	0.52116	1.19585	1.19585	0.3268373	1.187705	-1.26951	2.75969	2.16359	1.01898	1
cg11728900	MCM10;MCM10	0.0838389	0.664592	0.939165	-1.06478	0.0087613	0.618665	-1.61642	0.630619	1.07219	1.07219	0.195352	0.821154	-1.2178	0.172805	0.8116612	-1.23212	0.196723	1.21698	1.21698	0.511263	0.909018	-1.10009	0.1156	1.27902	1.27902	0.4118689	1.12625	1.12625	2.75968	0.9049734	0.291413	1
cg07433453	C7orf50;C7orf50;GPR146;C7orf50	0.0838399	0.7080494	1.12932	1.12932	0.0109546	0.819474	1.31004	0.148313	0.6522215	-1.53324	0.0489368	0.503134	-1.98641	0.0913321	0.4074617	-2.45528	0.985207	1.00836	1.00836	0.944699	1.03164	1.03164	0.0359547	2.99135	2.99135	0.0785241	2.40503	2.40503	2.75981	8.8152	2.83913	1
cg27117982	MGST1;MGST1;MGST1;MGST1	0.0838441	0.0607354	0.477299	-2.09512	0.548813	1.23912	1.23912	0.262669	0.664619	-1.50462	0.762712	1.11174	1.11174	0.0393158	0.257085	-3.88976	0.564733	0.815756	-1.22586	0.0871471	0.516447	-1.93631	0.976352	1.01042	1.01042	0.916104	0.963089	-1.03755	2.75961	5.34865	1.72283	1
cg21870518	MTF2;MTF2;MTF2;MTF2	0.0838453	0.34748	0.810334	-1.23396	0.0109546	0.774764	-1.29105	0.0705052	0.7582212	-1.31889	0.180998	0.784004	-1.27525	0.0725244	1.188882	1.188882	0.2733991	0.720599	-1.38789	0.0410994	0.4433	-2.25607	0.0950578	1.42422	1.42422	0.0479859	0.090078	-11.0951	0.0419805	0.886119	2.75978	2.58952	0.9384	1
cg16697268	CCDC154	0.0838479	0.0206672	0.481097	-2.07858	0.662194	0.890984	-1.12235	0.848103	0.950897	-1.05164	0.273867	0.741581	-1.34847	0.0787362	0.598902	-1.66972	0.315031	1.756662	-1.32159	0.00482528	0.374661	-2.66908	0.825007	0.943512	-1.05987	0.173447	0.683659	-1.46272	2.75956	3.10518	0.970584	1
cg24297451	NAV2	0.0838486	0.0220695	0.513516	-1.94736	0.0921788	1.56834	1.56834	0.157668	0.693026	-1.44295	0.373579	0.801116	-1.24826	0.745936	0.924108	-1.08212	0.18947	1.40135	1.40135	0.107026	1.53287	1.53287	0.825751	1.05499	1.05499	0.204589	1.38401	1.38401	2.75955	2.57596	0.829752	1
cg22774012	MRPS18C;PHLDA3	0.0838495	0.0184645	2.1875	1.14037	0.983682	0.122402	1.91227	0.0441266	2.07548	2.07548	0.186883	1.32319	1.32319	0.588096	1.13845	1.13845	0.039975	2.1161	2.1161	0.0120387	2.64873	2.64873	0.6505168	1.15486	1.15486	0.152219	1.62296	1.62296	2.76016	4.35795	1.40344	1
cg26162616	C5orf155	0.0838513	0.104996	1.90413	1.90413	0.806935	0.09309	0.09309	0.0102865	3.24006	3.24006	0.300171	1.47744	1.47744	0.482856	1.29598	1.29598	0.11036	1.8824	1.8824	0.693223	1.15504	1.15504	0.0477522	0.439148	-2.27713	0.4090423	1.35931	1.35931	2.75951	5.77605	1.86057	1
cg04780215	VPS24;VPS24;VPS24;VPS24	0.0838523	0.0498603	2.1875	1.96362	0.0240649	1.65671	1.65671	0.233125	1.23275	1.23275	0.727386	1.05062	1.05062	0.885668	1.18508	1.18508	0.094668	1.5187	1.5187	0.0953307	1.09402	1.09402	0.3629517	1.1006	1.1006	0.362957	1.17026	1.17026	2.7595	2.12576	0.770863	1
cg09866757	BARHL2	0.0838528	0.0569741	0.727362	-1.37483	0.0122411	1.58601	1.58601	0.732185	1.05208	1.05208	0.347925	0.8669006	-1.15353	0.847962	0.9720333	1.02877	0.87407	0.976832	-1.02372	0.6059382	0.737196	-1.35649	0.357574	0.8695058	-1.15008	0.437536	1.12422	1.12422	2.75949	0.954559	0.307483	1
cg12472603	MXRA7;MXRA7;MXRA7	0.0838542	0.207389	0.430178	-2.32462	0.368425	0.556464	-1.79706	0.236063	0.454844	-2.19856	0.8241	0.868273	-1.15171	0.035101	0.210641	-4.74742	0.875589	1.10452	1.10452	0.00691626	0.108836	-9.1881	0.0315549	0.201956	-4.95157	0.147691	0.373235	-2.67927	2.75947	17.594	5.66743	1
cg02710196	BRI3;BRI3	0.0838561	0.0289495	2.063295	1.64541	0.0718168	0.763484	-1.30984	0.181712	1.26095	1.26095	0.161205	0.8544	-1.17044	0.0806683	0.8850858	-1.13008	0.0140558	1.29096	1.29096	0.0139594	1.07678	1.07678	0.871232	0.9973157	-1.00275	0.645772	0.925899	-1.08003	2.75945	2.03576	0.3895	1
cg26813693	ZNF507;ZNF507	0.0838566	0.0281212	0.248225	-4.02861	0.0311097	0.256783	-3.89435	0.960015	0.97342	-1.02731	0.642699	0.77799	-1.28536	0.0109706	0.230489	-4.3386	0.0202021	0.899156	-1.11144	0.0762189	0.43621	-2.29247	0.530669	1.30617	1.30617	0.523516	1.31244	1.31244	2.75987	7.73043	2.48979	1
cg16690178	SLC2A10;SLC2A10	0.0838605	0.587375	1.14599	1.14599	0.3316997	0.625465	-1.36455	0.0662773	0.7240208	-1.38128	0.2546277	0.634363	-1.57618	0.0176219	0.7702521	1.07896	0.4648523	1.16238	1.16238	0.2178512	0.7179139	0.663441	-1.50724	0.2774581	1.23823	1.23823	0.1554774	0.908455	-1.10064	2.75939	1.39344	0.7822036	1
cg04260057	FAM195B;FAM195B	0.0838626	0.216547	0.852692	-1.17276	0.0928676	0.797252	-1.25431	0.08596	0.792524	-1.26179	0.3472505	0.888159	-1.12592	0.0130345	0.685582	-1.45861	0.180378	0.840024	-1.19044	0.0909493	1.25633	1.25633	0.624318	1.06236	1.06236	0.490945	0.917834	-1.08952	2.75936	0.6563209	0.211421	1
cg22815078	ADAMTS17	0.0838637	0.0634663	0.571213	-1.74978	0.0385475	0.319062	-3.13395	0.0885019	0.609	-1.64587	0.0421712	0.2605	-3.83837	0.0013859	0.1819	-5.49742	0.0082972	0.282292	-3.54243	0.232329	0.277483	-3.60383	0.0624033	0.572418	-1.74608	0.07385	0.327907	3.050452	-3.69036	0.587078	2.75981	32.7907	12.4456	1
cg27150178	APC2	0.0838639	0.406836	1.24272	1.24272	0.0845973	1.62987	1.62987	0.136955	1.32605	1.32605	0.883985	1.10837	1.10837	0.547356	1.16875	1.16875	0.2287907	1.93543	1.93543	0.2372403	2.01872	2.01872	0.0112635	2.52471	2.52471	0.937289	1.020036	1.02036	2.75927	0.8602862	0.323278	1
cg26480837	TWF2	0.0838702	0.192541	0.719032	-1.39076	0.0123197	0.474552	2.10725	0.87937	1.03699	1.03699	0.466203	0.837494	-1.19404	0.0165982	0.5594	-1.78763	0.0258979	0.531256	-1.88233	0.0879123	0.637354	-1.56899	0.199709	0.72324	-1.38267	0.0910317	0.6407	-1.56079	2.75925	2.49949	0.805207	1
cg23430056	ZCCHC16	0.0838705	0.496557	1.1062	1.1062	0.3707111	0.585506	-1.70501	0.1414318	0.6522215	-1.53324	0.0489368	0.503134	-1.98641	0.0913321	0.4074617	-2.45528	0.9865643	1.00458	1.00458	0.9624385	1.37154	1.37154	0.1895001	0.9647018	-1.03649	0.7683595	0.923	-1.08342	2.75922	1.23238	0.83899	1
cg00717808	HEATR2	0.0838746	0.304177	1.55305	1.55305	0.0185665	1.25703	1.25703	0.520732	1.30904	1.30904	0.807928	1.106	1.106	0.0310515	0.350939	-2.8495	0.112188	1.488959	-2.04516	0.211562	1.72365	1.72365	0.664455	0.834815	-1.19787	0.921481	0.960035	-1.04163	2.75919	1.47832	2.40918	1
cg14482022	KIAA1199	0.0838756	0.156569	0.717239	-1.39424	0.0988792	0.455937	2.19378	0.0453403	1.16641	1.16641	0.0950224	0.668753	-1.49532	0.0549128	0.620382	-1.61191	0.966126	0.99297	-1.00356	0.459202	1.43973	1.43973	0.0190939	1.02255	1.02255	0.889151	0.969878	-1.03106	2.75918	2.10191	0.677145	1
cg04045190	WIPF1	0.0838785	0.417032	-1.19767	-1.19767	0.2741108	0.780761	-1.2808	0.6536774	0.820965	-1.6104	0.141993	0.930674	-1.07449	0.939771	0.8870341	-1.12657	0.872277	1.03561	1.03561	0.127897	1.4304	1.4304	0.0397266	1.49308	1.49308	0.018228	1.538175	-1.86506	2.75914	2.06669	0.665809	1
cg03462677	HCG27	0.0838791	0.949661	1.01154	1.01154	0.723645	1.20662	1.06662	0.87644	0.972131	-1.02867	0.980801	1.00438	1.00438	0.677036	1.07906	1.07906	0.113662	0.731448	-1.36708	0.03601	0.642071	-1.55746	0.604021	1.37751	1.37751	0.0158437	1.71059	1.71059	2.75913	1.442	0.464557	1
cg07997294	NEU4;OGG2	0.0838797	0.445339	1.1264	1.1264	0.4574316	0.736335	1.36455	0.0664254	0.8912312	1.12332	0.5384245	1.18225	1.18225	0.2055518	1.1385	1.1385	0.0960179	1.02925	1.02925	0.8105567	1.03098	1.03098	0.8509578	1.04063	1.04063	0.8308113	1.141026	1.14103	2.75908	0.1815151	0.2039085	1
cg03140624	LYST	0.0838798	0.0126172	0.193596	-5.1654	0.555896	0.729508	-1.37079	0.0516965	0.309628	-3.22968	0.439342	0.65864	-1.51828	0.0117055	0.188691	-5.29967	0.131286	0.42207	-2.36927	0.230397	0.513668	-1.94678	0.676878	0.803008	-1.24843	0.0769373	0.35297	-2.8331	2.75912	12.2493	3.94629	1
cg26142425	EPHB4	0.0838799	0.756356	1.04588	1.04588	0.239751	1.19415	1.19415	0.0041294	1.73944	1.73944	0.301242	1.16535	1.16535	0.360806	1.145	1.145	0.740957	0.953307	-1.04898	0.7152885	1.75572	1.75572	-1.13937	0.902602	1.10762	0.1017621	0.912551	0.84923	-1.01596	2.75912	0.9078864	0.292481	1
cg09920061	3PH3	0.0838819	0.0624094	0.583279	-1.71444	0.915704	0.973153	-1.02759	0.847546	1.05072	1.05072	0.20437	0.708742	-1.41095	0.143785	0.6678636	1.49737	1.037596	0.53776	-1.85972	0.00801046	0.4157282	-2.40535	0.0202638	0.707726	-1.41298	0.0676766	0.5008886	1.69237	2.75909	2.88702	0.930102	1
cg00503646	TMEM168	0.0838822	0.191333	0.745458	-1.34146	0.0300181	0.581592	-1.71942	0.0619209	0.639934	-1.56266	0.0755197	1.52757	1.52757	0.52869	1.14515	1.14515	0.863147	0.964029	-1.03731	0.176616	0.737112	-1.35665	0.813518	0.951061	-1.05146	0.0565786	0.632358	-1.58138	2.75909	1.97031	0.634769	1
cg00792881	DNAT2	0.0838825	0.0643457	0.571213	-1.74978	0.0385475	0.319062	-3.13395	0.0885019	0.609	-1.64587	0.0421712	0.2605	-3.83837	0.0013859	0.1819	-5.49742	0.0082972	0.282292	-3.54243	0.232329	0.277483	-3.60383	0.0624033	0.572418	-1.74608	0.07385	0.327907	3.050452	-3.69036	0.587078	2.75981	32.7907	12.4456	1
cg05277991	MITF	0.0838836	0.573554	0.86637	-1.1282	0.844656	0.959245	-1.04249	0.0190368	1.82588	1.82588	0.756449	1.06821	1.06821	0.0999047	0.6822219	-1.4658	0.25148	0.775604	-1.28932	0.276038	0.786372	-1.27166	0.88987	1.48863	1.48863	0.102459	1.46086	1.46086	2.75907	1.96579	0.633318	1
cg14275445	INPP5A	0.0838853	0.0678453	0.477299	-2.09512	0.548813	1.23912	1.23912	0.262669	0.664619	-1.50532	0.762712	1.11174	1.11174	0.0393158	0.257085	-3.88976	0.564733	0.815756	-1.22586	0.0871471	0.516447	-1.93631	0.976352	1.01042	1.01042	0.916104	0.963089	-1.03755	2.75961	5.34865	1.72283	1
cg19247726	OBSCN	0.0838841	0.542174	1.28125	1.28125	0.156414	1.83849	1.83849	0.981967	0.990963	-1.00912	0.0215576	3.0302	3.0302	0.955492	0.977831	1.02267	0.153284	1.84823	1.84823	0.0623242	0.430511	-2.32282	0.0719374	2.24095	2.24095	0.085514	2.145474	2.14574	2.75907	0.725002	2.27137	1
cg20150972	SIRT5;SIRT5	0.0838842	0.280386	0.901778	-1.10892	0.825256	1.02302	1.02302	0.860566	0.983931	-1.01633	0.875775	0.985089	-1.01452	0.525865	0.783678	-1.27603	0.043896

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03344484	LOC653113	0.084001	0.160435	0.697783	-1.43311	0.0903753	1.5649	1.5649	0.627866	0.889387	-1.12437	0.938614	1.01866	1.01866	0.0166948	0.495986	-2.01619
cg18412730	RTDR1;GNAZ	0.0840015	0.0493232	3.51681	3.51681	0.0827024	2.93635	2.93635	0.171216	2.26282	2.26282	0.0227946	4.60606	4.60606	0.808666	0.872859	-1.14566
cg17707660	PLEKHO2	0.0840058	0.096693	0.820967	-1.21808	0.317497	0.895181	-1.11709	0.805116	0.973979	-1.02672	0.0140593	0.715797	-1.39704	0.791374	0.97212	-1.02868
cg05032848	RFFL;RFFL	0.0840064	0.0773268	0.179799	-5.56176	0.118911	0.227884	-4.3882	0.108289	0.216345	-4.62224	0.185707	0.293421	-3.40807	0.528555	1.74701	1.74701
cg11719509	GPR119	0.0840066	0.466799	1.76968	1.76968	0.243117	0.390041	-2.56383	0.134446	0.288211	-3.46968	0.149125	0.303463	-3.29529	0.0261801	0.130888	-7.64013
cg00449608	GPR45	0.084007	0.542147	0.798694	-1.25204	0.0447961	0.432123	-2.31416	0.361899	0.710778	-1.40691	0.322586	0.68921	-1.45094	0.471062	1.30615	1.30615
cg03411082	LOC100134368	0.0840071	0.00966731	0.378166	-2.64434	0.036347	0.485475	-2.05984	0.0855759	0.56872	-1.75833	0.214531	0.678365	-1.47413	0.0439825	0.502865	-1.9886
cg07684796	DKK1	0.084009	0.789228	0.957645	-1.04423	0.095403	0.743839	-1.34438	0.651626	1.07618	1.07618	0.285467	1.19626	1.19626	0.310513	0.844083	-1.18472
cg01775379	PKP4;PKP4	0.0840092	0.121424	1.86399	1.86399	0.363667	0.707371	-1.41369	0.390334	0.721499	-1.386	0.290982	1.50137	1.50137	0.771145	1.11423	1.11423
cg27633763	TESK2;TESK2	0.0840096	0.258819	0.793079	-1.26091	0.0782995	1.46945	1.46945	0.0966328	1.43178	1.43178	0.620116	0.906352	-1.10332	0.16852	0.749211	-1.33474
cg25739689	COL4A2	0.0840106	0.283926	1.41637	1.41637	0.0265259	0.439415	-2.27575	0.57337	0.837012	-1.19473	0.577612	0.838693	-1.19233	0.0418224	0.48019	-2.08251
cg24082460	RGS12;RGS12	0.0840136	0.244815	0.639413	-1.56394	0.641023	0.841465	-1.1884	0.808339	1.09344	1.09344	0.922822	0.965008	-1.03626	0.00850728	0.291005	-3.43636
cg04137037	TEF;TEF	0.0840151	0.516559	1.07596	1.07596	0.0750937	1.24688	1.24688	0.160948	1.18139	1.18139	0.0252047	1.34489	1.34489	0.330322	1.11832	1.11832
cg20684514	WDR27	0.084017	0.954711	0.983438	-1.01684	0.723244	1.11022	1.11022	0.047058	1.95093	1.95093	0.0977406	1.70613	1.70613	0.137823	0.625069	-1.59982
cg10478863	KCTD16	0.084018	0.136273	0.793917	-1.25958	0.0726285	0.749806	-1.33368	0.0499503	0.725126	-1.37907	0.824731	1.0324	1.0324	0.118408	0.783714	-1.27598
cg19636977	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.0840182	0.41608	1.32847	1.32847	0.299717	1.44376	1.44376	0.0330438	2.34371	2.34371	0.048446	2.16076	2.16076	0.160612	0.599207	-1.66887
cg08811815	GPR97	0.0840185	0.563801	1.17043	1.17043	0.518104	0.838037	-1.19326	0.102911	0.618063	-1.61796	0.714777	1.10404	1.10404	0.0172499	0.457324	-2.18664
cg22202264	IGSF9B	0.0840186	0.215905	0.496415	-2.01444	0.0449982	0.29023	-3.44554	0.0874924	0.362618	-2.75772	0.570436	1.36119	1.36119	0.666089	0.791791	-1.26296
cg19355462	JARID2	0.0840189	0.091267	1.40209	1.40209	0.138196	0.748226	-1.3365	0.871706	0.971059	-1.0298	0.419379	0.860775	-1.16174	0.098141	0.719172	-1.39049
cg23611233	ZNF672	0.0840217	0.271674	0.793918	-1.25958	0.0437507	1.59597	1.59597	0.0817669	0.677732	-1.47551	0.0796063	0.675446	-1.4805	0.0338551	0.60675	-1.64813
cg27166767	TRAF7	0.0840225	0.906948	0.961461	-1.04008	0.532401	0.808526	-1.23682	0.501483	0.795097	-1.25771	0.55302	1.22348	1.22348	0.0020793	0.233028	-4.29133
cg01779323	KLRG2	0.0840227	0.0642816	0.290891	-3.43772	0.0117342	0.154139	-6.48765	0.309189	0.53521	-1.86843	0.541232	0.692565	-1.44391	0.0473843	0.259927	-3.84724
cg02675550	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.084026	0.0385231	0.163787	-6.1055	0.214435	0.372891	-2.68175	0.120952	0.28104	-3.55822	0.821032	0.842808	-1.18651	0.00908505	0.0819178	-12.2074
cg18230558	IL1RAPL1	0.0840264	0.0853369	0.489988	-2.04086	0.00642147	0.264564	-3.7798	0.508915	0.77778	-1.28571	0.169986	1.7301	1.7301	0.180992	0.587032	-1.70349
cg11043251	RUNX1T1	0.0840264	0.157779	0.369138	-2.70902	0.146048	2.80021	2.80021	0.0856892	3.502	3.502	0.777058	1.20601	1.20601	0.0745781	0.269643	-3.70861
cg07695475	OR4F15	0.0840297	0.281044	0.766025	-1.30544	0.128354	1.47849	1.47849	0.459355	0.835919	-1.19629	0.524364	0.857717	-1.16589	0.00424605	0.402369	-2.48528
cg26649643	DNAJC5G	0.0840305	0.556777	0.872867	-1.14565	0.262654	0.765527	-1.30629	0.0445131	0.589869	-1.69529	0.480972	0.848836	-1.17808	0.387049	0.816403	-1.22488
cg08694680	ONECUT3	0.0840315	0.293359	1.5977	1.5977	0.620002	1.2397	1.2397	0.967956	1.01742	1.01742	0.774933	1.13115	1.13115	0.467714	1.37388	1.37388
cg14188811	PTTG2;TBC1D1	0.0840324	0.221947	0.825444	-1.21147	0.0989356	1.31043	1.31043	0.0312739	1.4588	1.4588	0.0733148	0.741978	-1.34775	0.524001	1.10131	1.10131
cg04790874	CD79A;CD79A	0.084033	0.0959846	0.319891	-3.12606	0.381765	0.571629	-1.74939	0.122518	0.352286	-2.8386	0.281654	0.497796	-2.00886	0.0621349	0.270014	-3.70352
cg20876170	MFSD11	0.0840339	0.774268	0.841699	-1.18807	0.0285356	4.70509	4.70509	0.339313	1.80442	1.80442	0.556154	1.42869	1.42869	0.363786	0.57159	-1.74951
cg07445515	PKD1;PKD1	0.0840384	0.779338	1.05431	1.05431	0.33656	0.829815	-1.20509	0.780844	1.05392	1.05392	0.701275	1.07527	1.07527	0.0367616	0.633316	-1.57899
cg20970111	ZDHHC19	0.084041	0.572747	1.1021	1.1021	0.00487078	1.89019	1.89019	0.304131	1.19906	1.19906	0.655451	1.07962	1.07962	?	?	?
cg22328644	SELPLG	0.0840416	0.307899	0.726713	-1.37606	0.143436	1.60887	1.60887	0.0639312	0.532686	-1.87728	0.431362	0.784347	-1.27495	0.157231	0.632859	-1.58013
cg03743861	COL1A1	0.0840423	0.285366	1.28389	1.28389	0.274839	1.29158	1.29158	0.0230188	0.542117	-1.84462	0.310954	0.789711	-1.26629	0.400401	0.82378	-1.21392
cg03066788	PNOC	0.0840462	0.0102752	0.288404	-3.46736	0.192853	1.69857	1.69857	0.423967	0.730577	-1.36878	0.721225	1.14767	1.14767	0.0327599	0.382799	-2.61234
cg08414647	GPR156;GPR156	0.084049	0.433065	0.73771	-1.35555	0.593122	0.814581	-1.22762	0.176306	0.57889	-1.72744	0.0156173	3.0871	3.0871	0.211023	0.605864	-1.65053
cg11399415	TAF3	0.0840499	0.68432	1.24721	1.24721	0.0128746	0.188434	-5.3069	0.7478	0.840002	-1.19047	0.0402177	0.277768	-3.60013	0.828596	0.889429	-1.12432
cg18772376	ST8SIA1	0.0840528	0.00833796	0.169268	-5.90781	0.224717	0.510753	-1.95789	0.127611	0.419816	-2.382	0.108881	0.398035	-2.51234	0.168165	0.461269	-2.16793
cg09859103	MDC1;MDC1	0.084054	0.0245819	0.707722	-1.41298	0.0589404	1.31704	1.31704	0.265829	1.1615	1.1615	0.313138	1.1442	1.1442	0.482278	0.911915	-1.09659
cg23122901	TXNRD2	0.0840544	0.0845351	0.505608	-1.97782	0.369398	0.719278	-1.39028	0.0160769	0.348886	-2.86626	0.110074	0.536584	-1.86364	0.0586913	0.466113	-2.1454
cg10922264	COL20A1	0.0840551	0.301965	1.31293	1.31293	0.764969	0.926507	-1.07932	0.0940244	0.625779	-1.59801	0.0451379	1.79537	1.79537	0.13805	0.665931	-1.50166
cg26757562	MIR519A1	0.084056	0.0111923	0.156878	-6.37436	0.135501	0.391606	-2.55359	0.167163	0.423979	-2.35861	0.558488	1.41167	1.41167	0.105803	0.357207	-2.79949
cg01279632	VARS	0.0840563	0.219894	0.817406	-1.22338	0.00681769	1.72953	1.72953	0.0862427	1.34481	1.34481	0.707208	0.94273	-1.06075	0.497457	1.11367	1.11367
cg17423711	POU2F1;POU2F1	0.0840573	0.710728	1.04106	1.04106	0.461609	1.08432	1.08432	0.0107955	1.41326	1.41326	0.779507	1.03078	1.03078	0.0625814	1.25403	1.25403
cg11899535	WBSCR17	0.0840619	0.111015	4.51903	4.51903	0.348455	2.31305	2.31305	0.112849	4.47836	4.47836	0.534317	1.72761	1.72761	0.530452	0.575766	-1.73682
cg16962683	SDC2	0.0840624	0.154335	1.54824	1.54824	0.890035	1.04046	1.04046	0.139015	1.57858	1.57858	0.783404	1.0822	1.0822	0.0116452	0.404964	-2.46935
cg10490577	MTUS2;MTUS2	0.0840633	0.730097	1.16467	1.16467	0.500348	0.740003	-1.35135	0.119356	2.10417	2.10417	0.436389	1.41834	1.41834	0.0119003	0.251156	-3.98159
cg09762612	FIZ1	0.0840648	0.282856	0.832993	-1.20049	0.0456775	1.45528	1.45528	0.569756	1.09864	1.09864	0.466579	1.12899	1.12899	0.241419	1.22238	1.22238
cg09624244	GINS2	0.0840665	0.266061	1.44337	1.44337	0.190616	0.644765	-1.55095	0.492097	0.80176	-1.24726	0.308403	1.39633	1.39633	0.0179972	2.4847	2.4847
cg20402284	SLC9A3	0.0840675	0.583424	1.23718	1.23718	0.744324	1.13402	1.13402	0.428172	0.732811	-1.36461	0.296097	1.51643	1.51643	0.577842	1.24118	1.24118
cg01704534	RBM47;RBM47	0.0840682	0.153127	0.49232	-2.0312	0.492283	0.723941	-1.38133	0.145179	0.484501	-2.06398	0.0219694	0.28001	-3.5713	0.00737207	0.202004	-4.9504
cg17008143	ACTR3	0.0840685	0.0581301	1.44737	1.44737	0.155099	1.30044	1.30044	0.908468	0.980338	-1.02006	0.685116	1.07292	1.07292	0.133357	1.32255	1.32255
cg11534519	STK10	0.0840686	0.440539	0.666055	-1.50138	0.00925622	5.50905	5.50905	0.0237014	4.03564	4.03564	0.365004	1.61754	1.61754	0.850151	0.906905	-1.10265
cg08881614	VPRBP;RBM15B;RBM15B	0.0840692	0.753081	0.893388	-1.11933	0.635402	0.843141	-1.18604	0.0927348	1.93638	1.93638	0.854193	1.06792	1.06792	0.333567	0.700269	-1.42802
cg19869422	SMG6;SMG6	0.0840699	0.588556	1.15884	1.15884	0.0255046	2.04723	2.04723	0.254959	1.37827	1.37827	0.298423	1.33768	1.33768	0.0181089	0.460813	-2.17008
cg13976544	NOM1	0.0840733	0.333247	1.26488	1.26488	0.170412	1.41017	1.41017	0.315225	1.27696	1.27696	0.025203	0.534376	-1.87134	0.936426	1.01896	1.01896
cg03374561	MIR1180;B9D1	0.0840753	0.208751	0.610419	-1.63822	0.285338	0.661419	-1.5119	0.216166	0.615797	-1.62391	0.350456	0.699076	-1.43046	0.0845921	0.491362	-2.03516
cg06679003	FAM82A1	0.0840766	0.558268	0.942657	-1.06083	0.922052	0.990285	-1.00981	0.341563	0.906874	-1.10269	0.605434	0.949347	-1.05336	0.397806	1.09019	1.09019
cg18898185	FKBP14	0.0840777	0.499302	1.10284	1.10284	0.00947031	1.59884	1.59884	0.193843	1.2168	1.2168	0.5017	1.10222	1.10222	0.0255345	0.684709	-1.46047
cg25303150	PWWP2B;PWWP2B	0.0840781	0.0559374	0.234147	-4.27083	0.817832	0.856681	-1.1673	0.902668	0.921248	-1.08548	0.139318	0.344136	-2.90583	0.0259294	0.169874	-5.88673
cg11310756	ALOXE3;ALOXE3	0.0840792	0.117645	0.78386	-1.27574	0.455221	0.896734	-1.11516	0.0861587	0.762072	-1.31221	0.0605972	0.738463	-1.35416	0.065783	1.34429	1.34429
cg15395354	ADH1B	0.08408	0.105181	0.408545	-2.44771	0.43718	0.669821	-1.49294	0.0291564	0.272603	-3.66833	0.11612	0.421721	-2.37124	0.237957	0.53525	-1.86828
cg01762581	DKK4;DKK4	0.0840812	0.752767	1.09956	1.09956	0.0102027	2.64548	2.64548	0.596974	0.851913	-1.17383	0.21938	1.47392	1.47392	0.574225	0.843241	-1.1859
cg17703629	MAD1L1;MAD1L1;MAD1L1	0.0840838	0.992596	1.00193	1.00193	0.793594	1.05604	1.05604	0.145488	0.722495	-1.38409	0.590086	0.893063	-1.11974	0.0374944	1.65199	1.65199
cg16798694	EIF2C2;EIF2C2	0.084086	0.125865	1.40394	1.40394	0.0240697	1.73533	1.73533	0.264179	1.26924	1.26924	0.337277	0.816557	-1.22465	0.0243517	0.577124	-1.73273
cg21037314	RAB36	0.0840867	0.104263	1.24924	1.24924	0.744601	0.959868	-1.04181	0.528388	0.923081	-1.08333	0.240561	0.857306	-1.16644	0.0130817	0.679982	-1.47063
cg23615572	PRDX5;PRDX5;TRMT112;PRDX5	0.0840869	0.273753	1.11677	1.11677	0.498017	1.06898	1.06898	0.337163	1.10071	1.10071	0.121035	1.17707	1.17707	0.0645355	1.22305	1.22305
cg03404726	DUPD1	0.0840877	0.050946	0.63851	-1.56615	0.113537	1.41543	1.41543	0.0837768	0.679696	-1.47125	0.264359	0.790783	-1.26457	0.497017	0.870111	-1.14928
cg19077806	PDE1A;PDE1A	0.0840903	0.989194	0.995597	-1.00442	0.596069	1.19043	1.19043	0.00849505	2.98795	2.98795	0.403854	1.32093	1.32093	0.396181	0.753426	-1.32727
cg25709050	RAB11FIP4	0.0840912	0.779256	0.877687	-1.13936	0.00619961	5.2438	5.2438	0.018407	3.77292	3.77292	0.92145	0.955238	-1.04686	0.539316	0.749344	-1.3345
cg10820988	HIAT1	0.0840916	0.320162	0.791886	-1.26281	0.83833	1.0475	1.0475	0.370214	0.811378	-1.23247	0.215731	0.743818	-1.34441	0.244819	0.758544	-1.31832
cg08380385	WNK4	0.0840918	0.115088	0.43783	-2.28399	0.065324	0.368857	-2.71108	0.867219	0.922503	-1.08401	0.555005	1.33352	1.33352	0.0146736	0.234982	-4.25565
cg05314024	LOC149134	0.0840933	0.0783207	0.538784	-1.85603	0.565588	0.832218	-1.20161	0.0245843	0.428857	-2.33178	0.208412	1.52099	1.52099	0.053888	0.500546	-1.99782
cg15381162	CDH24;CDH24	0.0840937	0.280192	0.808196	-1.23732	0.0190253	1.71353	1.71353	0.275023	1.24041	1.24041	0.587072	1.10963	1.10963	0.0147803	0.566069	-1.76657
cg18920616	TMEM123	0.084094	0.283386	1.50531	1.50531	0.259747	1.53943	1.53943	0.114634	0.532779	-1.87695	0.445604	1.3302	1.3302	0.457999	1.3196	1.3196
cg15439221	PLBD2;PLBD2	0.0840946	0.34679	0.665168	-1.50338	0.881466	1.06481	1.06481	0.604904	0.802808	-1.24563	0.943232	1.03042	1.03042	0.00784296	0.237905	-4.20337
cg01341130	DNM1P35	0.0840978	0.0104274	0.46912	-2.13165	0.809673	0.944941	-1.05827	0.128767	0.680245	-1.47006	0.105709	0.660481	-1.51405	0.0772415	0.630611	-1.58576
cg24672022	ANKIB1	0.0841008	0.00994194	2.65495	2.65495	0.411927	0.777563	-1.28607	0.988909	1.00418	1.00418	0.0584218	1.8989	1.8989	0.240728	0.691892	-1.44531
cg06912936	KCNIP1;KCNIP1;KCNIP1	0.0841013	0.843904	0.938666	-1.06534	0.770199	1.09861	1.09861	0.7814	0.914558	-1.09342	0.956098	0.98248	-1.01783	0.195781	1.55155	1.55155
cg21331088	ADCYAP1;ADCYAP1	0.0841042	0.203804	2.7193	2.7193	0.0237341	7.48925	7.48925	0.785999	1.22506	1.22506	0.280239	2.30987	2.30987	0.874815	0.889056	-1.12479
cg13954297	CDK1;CDC2;CDK1;CDK1;CDK1;CDK1	0.0841064	0.117682	1.94001	1.94001	0.0343676	0.381904	-2.61846	0.863988	1.06916	1.06916	0.393441	1.40628	1.40628	0.040173	0.396642	-2.52116
cg15773137	SYNE1;SYNE1;SYNE1	0.0841065	0.268372	0.855389	-1.16906	0.493067	1.09891	1.09891	0.111409	1.26483	1.26483	0.329722	1.14601	1.14601	0.0112739	0.650467	-1.53736
cg11375053	MRPL17	0.084108	0.102342	0.646097	-1.54775	0.0997874	0.643583	-1.5538	0.73471	1.08666	1.08666	0.104941	1.54177	1.54177	0.213808	0.726274	-1.37689
cg26001410	POLR2J	0.0841098	0.022479	0.710237	-1.40798	0.235798	1.16438	1.16438	0.468193	1.09418	1.09418	0.72462	0.957871	-1.04398	0.0202455	0.704122	-1.42021
cg07990111	TIMM22	0.0841117	0.0155405	0.539185	-1.85465	0.0800608	0.667493	-1.49814	0.810344	1.05132	1.05132	0.148053	0.723985	-1.38124	0.746667	0.93476	-1.06979
cg04005334	PHB	0.0841122	0.585974	0.856331	-1.16777	0.152276	0.648928	-1.541	0.0171645	0.440873	-2.26823	0.0215741	0.459238	-2.17752	0.0480526	0.52875	-1.89125
cg01221623	IL27RA	0.0841129	0.431631	0.80768	-1.23811	0.791295	1.07313	1.07313	0.688974	0.898464	-1.11301	0.96391	1.01211	1.01211	0.00208023	0.315615	-3.16842
cg06609197	STMN2	0.0841162	0.965139	0.98993	-1.01017	0.0272888	0.546135	-1.83105	0.761266	0.931865	-1.07312	0.156489	1.4205	1.4205	0.154013	1.42392	1.42392
cg23176237	TPST1	0.0841162	0.0994876	0.734528	-1.36142	0.390831	1.16211	1.16211	0.492366	1.12654	1.12654	0.803114	1.04361	1.04361	0.00412769	0.518274	-1.92948
cg02801598	PDP2	0.0841218	0.195954	1.67817	1.67817	0.224365	0.616816	-1.62123	0.420834	0.732471	-1.36524	0.868967	1.0645	1.0645	0.433163	1.35364	1.35364
cg16767867	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.0841285	0.498322	1.77915	1.77915	0.00288801	30.9919	30.9919	0.0628161	5.77999	5.77999	0.698655	0.721773	-1.38548	0.458458	0.531146	-1.88272
cg08249619	CDK18;CDK18;CDK18	0.0841301	0.737695	0.838674	-1.19236	0.1848	2.08796	2.08796	0.0702605	2.88398	2.88398	0.486105	1.44837	1.44837	0.336638	0.59539	-1.67957
cg04973839	ODZ3	0.0841302	0.256706	0.763326	-1.31006	0.0108883	2.07359	2.07359	0.0173534	1.93668	1.93668	0.486764	1.17493	1.17493	0.352697	0.803988	-1.2438
cg14204124	FRMPD1	0.0841304	0.0460012	0.513644	-1.94687	0.408867	0.781853	-1.27901	0.0571316	0.53418	-1.87203	0.92027	0.971254	-1.0296	0.0493345	0.520185	-1.92239
cg08394753	NFRKB;NFRKB	0.0841325	0.150923	0.354182	-2.82341	0.0749788	0.262588	-3.80825	0.356149	0.527296	-1.89647	0.809487	1.17688	1.17688	0.385519	0.548868	-1.82193
cg16003238	IGDCC3	0.0841342	0.470198	1.31486	1.31486	0.346663	0.696929	-1.43487	0.0606131	0.454659	-2.19945	0.015854	3.007	3.007	0.293368	0.666229	-1.50099
cg02022491	METT10D	0.0841351	0.223628	0.446229	-2.241	0.309438	0.515673	-1.93921	0.741003	1.23105	1.23105	0.0671903	0.270352	-3.69888	0.00989701	0.120066	-8.32877
cg10091265	SGPP2	0.0841353	0.277577	1.53191	1.53191	0.0227178	2.80126	2.80126	0.0528082	2.2966	2.2966	0.933608	1.03197	1.03197	0.105351	1.95102	1.95102
cg23445604	ALS2CL	0.0841367	0.105942	0.730796	-1.36837	0.111932	1.35992	1.35992	0.226851	1.25275	1.25275	0.194366	0.783617	-1.27613	0.051303	0.674277	-1.48307
cg26449586	C16orf86;C16orf48	0.0841369	0.791053	1.08612	1.08612	0.664077	1.14562	1.14562	0.311401	1.38519	1.38519	0.00770034	2.90178	2.90178	0.87911	0.95375	-1.04849
ch.16.1565572F	AARS	0.0841385	0.058207	0.580702	-1.72205	0.915332	0.97336	-1.02737	0.121654	0.65309	-1.53118	0.0624081	1.70321	1.70321	0.484846	1.19749	1.19749
cg07000955	VPS39	0.0841393	0.894752	0.976037	-1.02455	0.0915856	0.707831	-1.41277	0.0782565	1.43966	1.43966	0.47075	1.1443	1.1443	0.015485	1.75474	1.75474
cg25754926	MGC26597	0.0841396	0.0846863	0.757151	-1.32074	0.0962824	0.76611	-1.3053	0.279335	0.848669	-1.17832	0.0889868	1.31477	1.31477	0.0167788	0.653238	-1.53084
cg01394255	PIK3R5;PIK3R5	0.0841403	0.122879	2.30973	2.30973	0.692049	1.22063	1.22063	0.346424	1.62511	1.62511	0.37509	1.57761	1.57761	0.122188	2.3139	2.3139
cg18225658	PDZD4	0.0841409	?	?	?	0.0109016	3.90743	3.90743	0.237245	1.52421	1.52421	?	?	?	?	?	?
cg11337289	DZIP1;DZIP1	0.0841425	0.8388	0.957144	-1.04478	0.0345667	1.69886	1.69886	0.388203	1.20946	1.20946	0.00928621	2.03353	2.03353	0.280011	1.27315	1.27315
cg12459904	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA7;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA7;PCDHGA2;PCDHGB2;PCDHGB3	0.0841425	0.253639	2.33887	2.33887	0.0172707	7.902	7.902	0.227358	2.46755	2.46755	0.267722	2.27699	2.27699	0.225323	2.47833	2.47833
cg24545979	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.0841434	0.597298	1.10251	1.10251	0.765789	1.0562	1.0562	0.00625347	1.91976	1.91976	0.354103	0.839869	-1.19066	0.779188	1.0528	1.0528
cg04118849	ANKRD11	0.0841452	0.529439	1.17513	1.17513	0.0167394	0.477248	-2.09535	0.177921	0.695843	-1.43711	0.69236	0.904174	-1.10598	0.0625667	0.588089	-1.70042
cg20585227	EN1	0.0841474	0.604	0.897861	-1.11376	0.636815	1.10289	1.10289	0.332059	1.22882	1.22882	0.732299	0.93174	-1.07326	0.275069	0.791504	-1.26342
cg10338830	EMP3	0.084148	0.804841	1.08596	1.08596	0.414908	0.757608	-1.31994	0.206641	1.55839	1.55839	0.0320387	2.30862	2.30862	0.845006	1.06737	1.06737
cg21096966	KLHL28;FAM179B	0.0841527	0.667788	0.880818	-1.13531	0.0666961	0.546459	-1.82996	0.0385086	2.02305	2.02305	0.242866	1.4322	1.4322	0.647764	0.873541	-1.14477
cg02315187	ITGB2;ITGB2	0.0841528	0.61657	0.798736	-1.25198	0.123789	0.466833	-2.14209	0.0798782	0.408031	-2.45079	0.265455	1.68676	1.68676	0.633883	0.807734	-1.23803
cg19961522	MYLK2	0.0841557	0.0208541	0.187262	-5.34012	0.253109	0.487224	-2.05245	0.296966	0.521323	-1.9182	0.119261	0.361155	-2.76889	0.0183071	0.178194	-5.61186
cg02909320	LZTFL1	0.0841606	0.283177	1.69238	1.69238	0.671188	0.817517	-1.22322	0.0159802	0.24862	-4.02221	0.803614	0.889084	-1.12475	0.00659358	0.189296	-5.28274
cg09465698	PCDHGA4;PCDHGA6;PCDHGB6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2	0.0841648	0.0324595	18.7953	18.7953	0.0265178	21.7932	21.7932	0.981827	1.02705	1.02705	0.190052	5.08467	5.08467	0.299459	3.5255	3.5255
cg01942927	TMEM206	0.084165	0.925029	0.959271	-1.04246	0.508017	0.743287	-1.34538	0.675032	0.83004	-1.20476	0.0201965	3.44706	3.44706	0.10067	0.451858	-2.21309
cg07493858	MGC45800	0.0841683	0.124934	3.16179	3.16179	0.257699	2.26729	2.26729	0.952679	0.959705	-1.04199	0.452173	1.70034	1.70034	0.0789156	3.86577	3.86577
cg10821845	LY6H;LY6H;LY6H	0.0841687	0.717477	1.80368	1.80368	0.723857	1.77859	1.77859	0.0813579	23.0122	23.0122	0.0715939	26.1974	26.1974	0.586402	2.43935	2.43935
cg12657283	FYN	0.0841689	0.038492	0.850639	-1.17559	0.0378076	1.17647	1.17647	0.0427863	0.85442	-1.17039	0.803783	1.01694	1.01694	0.673286	0.971791	-1.02903
cg18439535	STX2;STX2	0.08417	0.603932	1.1933	1.1933	0.755782	0.900007	-1.1111	0.52238	0.803379	-1.24474	0.434255	0.763823	-1.3092	0.0174136	0.376209	-2.6581
cg18775465	CHP	0.0841715	0.873738	0.935203	-1.06929	0.0300897	2.92871	2.92871	0.500834	1.33353	1.33353	0.847267	0.921984	-1.08462	0.00856113	0.243441	-4.10777
cg02070232	DNAH10	0.0841723	0.536251	1.12074	1.12074	0.804092	1.04627	1.04627	0.0857551	0.707778	-1.41287	0.67585	0.92632	-1.07954	0.694395	0.930653	-1.07451
cg12275060	BTBD19	0.0841732	0.435273	1.34546	1.34546	0.604602	0.823066	-1.21497	0.00799816	3.55035	3.55035	0.0834875	2.04245	2.04245	0.442811	0.746996	-1.33869
cg06480942	STX1A;STX1A	0.0841761	0.607486	0.795856	-1.25651	0.0133532	3.86004	3.86004	0.0554463	2.60312	2.60312	0.357122	1.51798	1.51798	0.549922	0.765982	-1.30551
cg24405716	MTMR10	0.0841783	0.0781906	0.41778	-2.39361	0.098353	2.24472	2.24472	0.322924	1.57681	1.57681	0.905513	1.05439	1.05439	0.0252563	0.305237	-3.27614
cg14292870	LAG3	0.0841788	0.38751	1.37519	1.37519	0.89972	1.04639	1.04639	0.00658794	3.55748	3.55748	0.0311759	2.48332	2.48332	0.243467	1.55113	1.55113
cg24076884	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.0841791	0.391487	1.70139	1.70139	0.029983	4.69006	4.69006	0.0429453	4.09626	4.09626	0.274228	1.99105	1.99105	0.883866	0.915327	-1.09251
cg04652097	MAGI2	0.0841795	0.298963	1.56831	1.56831	0.509034	1.32315	1.32315	0.00238096	5.8735	5.8735	0.117733	2.03428	2.03428	0.848977	0.923404	-1.08295

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03344484	0.407161	0.815882	-1.22567	0.0200031	0.509822	-1.96147	0.472853	0.839274	-1.19151	0.261102	0.75483	-1.3248	2.75747	2.51515	0.810776	1
cg18412730	0.39097	1.63671	1.63671	0.0686347	3.13438	3.13438	0.185334	2.19745	2.19745	0.0149327	5.35325	5.35325	2.75746	13.7213	4.42316	1
cg17707660	0.0170604	0.726109	-1.3772	0.0374652	0.768325	-1.30153	0.836932	1.02222	1.02222	0.755291	1.03391	1.03391	2.94809	0.519597	0.137082	1
cg05032848	0.156156	0.265634	-3.76458	0.440159	0.502636	-1.98951	0.0208915	11.3475	11.3475	0.54156	0.582761	-1.71597	2.75739	33.3437	10.7489	1
cg11719509	0.0512489	0.180678	-5.53472	0.0523089	0.182457	-5.48075	0.0198727	0.114509	-8.7329	0.342304	0.470393	-2.12588	2.75739	25.9481	8.3648	1
cg00449608	0.884814	1.05422	1.05422	0.0752823	2.05741	2.05741	0.0206478	2.76026	2.76026	0.268439	1.5218	1.5218	2.75739	5.79508	1.86814	1
cg03411082	0.291199	0.722323	-1.38442	0.0506516	0.516129	-1.9375	0.161167	0.641182	-1.55962	0.778857	0.919792	-1.0872	2.75738	3.85183	1.2417	1
cg07684796	0.249239	0.823222	-1.21474	0.0566252	0.705708	-1.41702	0.549104	1.10288	1.10288	0.0161987	1.60816	1.60816	2.75736	1.13949	0.367337	1
cg01775379	0.113291	1.89475	1.89475	0.543406	0.796045	-1.25621	0.00981269	0.298008	-3.35561	0.286182	1.50795	1.50795	2.75736	6.00583	1.9361	1
cg27633763	0.0539855	0.650219	-1.53794	0.44843	1.16418	1.16418	0.077449	1.47143	1.47143	0.31523	1.22673	1.22673	2.75735	1.69103	0.545139	1
cg25739689	0.904904	0.963318	-1.03808	0.257214	1.44737	1.44737	0.549277	1.20861	1.20861	0.0504631	2.00793	2.00793	2.75734	4.27	1.37653	1
cg24082460	0.491955	1.29247	1.29247	0.0123169	0.318005	-3.14461	0.446009	0.751608	-1.33048	0.161262	0.576985	-1.73315	2.75729	5.90034	1.90214	1
cg04137037	0.0242139	0.741477	-1.34866	0.411645	1.09796	1.09796	0.284845	1.13164	1.13164	0.874819	1.01771	1.01771	2.75727	0.541161	0.174459	1
cg20684514	0.0809567	0.566082	-1.76653	0.0889334	1.7362	1.7362	0.0914183	1.72738	1.72738	0.734833	0.904867	-1.10513	2.75725	3.776	1.21732	1
cg10478863	0.483936	0.902787	-1.10768	0.0566389	1.36368	1.36368	0.0593856	0.736417	-1.35793	0.240219	0.837963	-1.19337	2.75724	0.902538	0.290964	1
cg19636977	0.803606	1.08888	1.08888	0.0191874	2.63343	2.63343	0.551387	0.813883	-1.22868	0.242409	1.51902	1.51902	2.75723	5.09918	1.6439	1
cg08811815	0.918825	1.02787	1.02787	0.0142663	0.442615	-2.2593	0.0940999	0.608726	-1.64277	0.160884	0.667723	-1.49763	2.75723	3.17583	1.02384	1
cg22202264	0.484786	1.46486	1.46486	0.0051688	0.137335	-7.28148	0.827263	0.889125	-1.1247	0.755803	0.845559	-1.18265	2.75723	12.6274	4.0709	1
cg19355462	0.020407	0.601811	-1.66165	0.570509	1.1098	1.1098	0.146878	1.32697	1.32697	0.406723	1.16675	1.16675	2.75722	1.44186	0.464835	1
cg23611233	0.934014	1.01684	1.01684	0.886026	0.97149	-1.02935	0.246479	1.27689	1.27689	0.565043	0.889314	-1.12446	2.75718	1.77614	0.572611	1
cg27166767	0.857258	1.06238	1.06238	0.267149	1.47482	1.47482	0.626787	1.17903	1.17903	0.785381	0.912342	-1.09608	2.75717	4.93271	1.59026	1
cg01779323	0.139581	0.38896	-2.57096	0.0494115	0.263973	-3.78826	0.0280487	0.21412	-4.67027	0.584244	0.720208	-1.38849	2.75717	15.4054	4.96657	1
cg02675550	0.0596294	0.201016	-4.97473	0.0546431	0.19295	-5.18269	0.367376	0.497143	-2.01149	0.0711268	0.218377	-4.57925	2.75713	24.8755	8.01978	1
cg18230558	0.127779	0.539263	-1.85438	0.248177	0.635864	-1.57266	0.695927	1.15871	1.15871	0.922472	0.964149	-1.03718	2.75712	6.14237	1.98028	1
cg11043251	0.217621	0.424936	-2.3533	0.0964626	0.299924	-3.33418	0.434374	1.69268	1.69268	0.0762451	0.27211	-3.67499	2.75712	19.0115	6.12926	1
cg07695475	0.338691	0.790876	-1.26442	0.308304	1.28512	1.28512	0.330662	0.787579	-1.26971	0.457035	0.835116	-1.19744	2.75708	2.47121	0.796724	1
cg26649643	0.14958	1.42402	1.42402	0.0781337	1.56484	1.56484	0.0207458	0.528885	-1.89077	0.528935	0.864213	-1.15712	2.75706	2.28553	0.736863	1
cg08694680	0.814127	1.10654	1.10654	0.00372439	0.185602	-5.38787	0.605284	1.25121	1.25121	0.0964349	2.19155	2.19155	2.75705	8.06876	2.60141	1
cg14188811	0.895591	1.01981	1.01981	0.854435	1.02783	1.02783	0.403412	0.88005	-1.1363	0.0591743	0.727332	-1.37489	2.75704	0.975161	0.314399	1
cg04790874	0.571369	1.42849	1.42849	0.00858077	0.123669	-8.08609	0.0306691	0.205369	-4.86928	0.242643	0.466579	-2.14326	2.75703	16.9721	5.47193	1
cg20876170	0.716671	1.24411	1.24411	0.0129554	0.157486	-6.34979	0.83471	1.1334	1.1334	0.148343	0.394872	-2.53247	2.75702	15.6832	5.0564	1
cg07445515	0.116956	0.725676	-1.37803	0.0149051	1.75726	1.75726	0.229049	1.26827	1.26827	0.546443	1.12178	1.12178	2.75696	1.54782	0.499042	1
cg20970111	0.428955	0.871329	-1.14767	0.555681	1.10701	1.10701	0.144542	1.30648	1.30648	0.0493513	1.46614	1.46614	2.79016	1.1429	0.409617	1
cg22328644	0.264038	1.42209	1.42209	0.074789	1.82259	1.82259	0.318771	1.36568	1.36568	0.0752021	0.549242	-1.82069	2.75691	3.99439	1.28788	1
cg03743861	0.250368	1.31063	1.31063	0.0246502	1.82684	1.82684	0.336902	1.24979	1.24979	0.825333	1.05104	1.05104	2.7569	2.21449	0.714001	1
cg03066788	0.682392	0.853709	-1.17136	0.690538	1.1663	1.1663	0.0834219	0.47871	-2.08895	0.373366	0.703777	-1.4209	2.75685	6.45243	2.08045	1
cg08414647	0.285479	1.52475	1.52475	0.190459	0.590255	-1.69418	0.0641192	2.20586	2.20586	0.986525	1.00644	1.00644	2.75681	6.31306	2.03554	1
cg11399415	0.500198	1.44749	1.44749	0.0182808	0.212687	-4.70173	0.843167	1.11299	1.11299	0.399899	0.62769	-1.59314	2.7568	12.752	4.1117	1
cg18772376	0.234693	0.518789	-1.92757	0.0638178	0.333649	-2.99716	0.783727	1.15598	1.15598	0.0265366	0.250236	-3.99623	2.75676	12.1191	3.90767	1
cg09859103	0.140422	0.814836	-1.22724	0.635618	1.06357	1.06357	0.0873123	1.276	1.276	0.734563	0.95701	-1.04492	2.75674	0.727867	0.234695	1
cg23122901	0.546043	0.803816	-1.24407	0.0321677	0.407823	-2.45204	0.0223333	0.375839	-2.66071	0.193916	0.611831	-1.63444	2.75674	5.57834	1.79869	1
cg10922264	0.0517463	1.75701	1.75701	0.444496	1.21952	1.21952	0.0680426	1.6825	1.6825	0.536524	1.17274	1.17274	2.75673	2.83007	0.912537	1
cg26757562	0.29061	0.527795	-1.89468	0.0683513	0.304491	-3.28416	0.115627	0.369129	-2.70908	0.0291557	0.223603	-4.4722	2.75672	14.824	4.77992	1
cg01279632	0.273383	1.19501	1.19501	0.226849	0.820113	-1.21934	0.967869	1.00632	1.00632	0.444518	0.885301	-1.12956	2.75671	1.06655	0.343905	1
cg17423711	0.0941243	0.819711	-1.21994	0.591128	0.943106	-1.06033	0.857219	1.01964	1.01964	0.0668136	1.24852	1.24852	2.7567	0.509398	0.164254	1
cg11899535	0.946787	0.943665	-1.0597	0.325502	0.413971	-2.41563	0.00564702	23.4561	23.4561	0.0968455	4.87102	4.87102	2.75664	32.9488	10.6245	1
cg16962683	0.541034	1.19411	1.19411	0.0404957	1.97052	1.97052	0.696618	0.89375	-1.11888	0.60252	0.860165	-1.16257	2.75663	3.58828	1.15706	1
cg10490577	0.847693	1.08832	1.08832	0.0241627	3.26495	3.26495	0.847766	1.08827	1.08827	0.87804	1.06993	1.06993	2.75662	8.45818	2.72739	1
cg09762612	0.192973	0.79803	-1.25309	0.0435565	1.46233	1.46233	0.0188517	1.59336	1.59336	0.531844	1.10927	1.10927	2.7566	1.17073	0.377511	1
cg09624244	0.0460009	0.484732	-2.06299	0.787003	0.917811	-1.08955	0.642564	1.15952	1.15952	0.12883	1.68161	1.68161	2.75657	4.3779	1.4117	1
cg20402284	0.90581	0.955528	-1.04654	0.0514506	0.426507	-2.34463	0.0069972	3.82056	3.82056	0.148013	1.81557	1.81557	2.75656	6.4479	2.07921	1
cg01704534	0.26927	0.586891	-1.70389	0.0329921	0.31506	-3.174	0.584887	0.774518	-1.29112	0.210516	0.542717	-1.84258	2.75655	9.36705	3.02054	1
cg17008143	0.8798	1.02647	1.02647	0.00973016	0.568585	-1.75875	0.979682	0.995613	-1.00441	0.413807	0.865676	-1.15517	2.75655	1.30149	0.419686	1
cg11534519	0.145058	2.24463	2.24463	0.406404	0.644794	-1.55088	0.715791	0.827854	-1.20794	0.367271	1.61367	1.61367	2.75654	11.6537	3.75792	1
cg08881614	0.0291895	0.399304	-2.50436	0.0447743	0.439153	-2.27711	0.26708	1.51139	1.51139	0.0552813	0.460175	-2.17309	2.75654	5.57114	1.7965	1
cg19869422	0.0959052	1.63824	1.63824	0.573091	1.16614	1.16614	0.390578	1.26803	1.26803	0.756978	0.919627	-1.0874	2.75653	3.18095	1.02575	1
cg13976544	0.024309	0.531533	-1.88135	0.488528	0.847333	-1.18017	0.848898	1.04593	1.04593	0.121962	0.673911	-1.48388	2.75648	2.41966	0.780273	1
cg03374561	0.106633	0.518788	-1.92757	0.0117394	0.309558	-3.23042	0.00935679	0.29298	-3.41321	0.105634	0.517638	-1.93185	2.75645	6.05772	1.95347	1
cg06679003	0.520622	1.06711	1.06711	0.00277295	0.662623	-1.50915	0.319082	1.10817	1.10817	0.44023	1.08168	1.08168	2.75644	0.434344	0.140066	1
cg18898185	0.783321	1.04013	1.04013	0.330305	1.15417	1.15417	0.791697	0.962924	-1.0385	0.432683	1.12107	1.12107	2.75642	0.889396	0.286812	1
cg25303150	0.374272	0.542557	-1.84313	0.00711616	0.0972058	-10.2875	0.0765424	0.266897	-3.74676	0.396191	0.558478	-1.79058	2.75641	19.6241	6.32837	1
cg11310756	0.190747	1.21962	1.21962	0.262426	0.845818	-1.18229	0.462319	1.11319	1.11319	0.123689	0.787459	-1.26991	2.7564	0.896525	0.289113	1
cg15395354	0.0256594	0.261803	-3.81966	0.0247779	0.258917	-3.86223	0.328238	1.66568	1.66568	0.429954	0.665409	-1.50283	2.75639	11.1603	3.599	1
cg01762581	0.528583	0.825509	-1.21137	0.748472	1.10145	1.10145	0.0252193	2.22409	2.22409	0.0676141	1.84958	1.84958	2.75637	3.93809	1.26997	1
cg17703629	0.16305	0.733718	-1.36292	0.0106444	1.95004	1.95004	0.98599	1.00366	1.00366	0.619717	1.10964	1.10964	2.75634	1.8879	0.608826	1
cg16798694	0.458922	0.856855	-1.16706	0.316594	1.23627	1.23627	0.659411	1.09511	1.09511	0.943656	1.01458	1.01458	2.75631	1.83194	0.590787	1
cg21037314	0.133118	0.816252	-1.22511	0.214481	1.17792	1.17792	0.0794084	0.783499	-1.27633	0.956851	1.0068	1.0068	2.7563	0.685415	0.221042	1
cg23615572	0.00524322	1.42912	1.42912	0.0419899	1.25513	1.25513	0.119816	1.1778	1.1778	0.776914	0.97283	-1.02793	2.75629	0.410459	0.132371	1
cg03404726	0.0112985	0.527211	-1.89677	0.173105	0.746399	-1.33977	0.98338	1.00421	1.00421	0.484932	0.866586	-1.15395	2.75628	1.77716	0.573126	1
cg19077806	0.925878	0.970134	-1.03079	0.0858666	0.538741	-1.85618	0.0816146	0.533184	-1.87552	0.443366	1.29002	1.29002	2.75625	4.63497	1.49478	1
cg25709050	0.540061	1.33378	1.33378	0.598558	0.781399	-1.27976	0.371472	1.53122	1.53122	0.723582	0.847998	-1.17925	2.75624	9.41043	3.03487	1
cg10820988	0.0461439	0.595107	-1.68037	0.0566411	0.612564	-1.63248	0.00564072	0.438166	-2.28224	0.0641134	0.623379	-1.60416	2.75623	2.25235	0.726385	1
cg08380385	0.0730284	0.381419	-2.62179	0.0318606	0.297453	-3.36187	0.886917	1.071	1.071	0.151613	0.476835	-2.09716	2.75623	10.144	3.27147	1
cg05314024	0.0483911	0.490083	-2.04047	0.261023	0.690269	-1.44871	0.100446	0.56607	-1.76657	0.127786	0.59413	-1.68313	2.75621	4.36485	1.40768	1
cg15381162	0.397978	0.848596	-1.17842	0.926065	1.01776	1.01776	0.679039	0.924103	-1.08213	0.639956	0.914507	-1.09349	2.7562	1.57089	0.50662	1
cg18920616	0.0704093	0.476121	-2.10031	0.0246532	2.66942	2.66942	0.0647648	2.14081	2.14081	0.605606	1.21063	1.21063	2.7562	5.87825	1.89577	1
cg15439221	0.0145407	0.281739	-3.54938	0.146781	0.519249	-1.92586	0.645724	1.21507	1.21507	0.157514	0.529364	-1.88906	2.75619	7.73098	2.49329	1
cg01341130	0.538576	0.864037	-1.15736	0.304022	0.778918	-1.28383	0.0103987	0.468922	-2.13255	0.33599	0.792274	-1.26219	2.75615	2.40462	0.775518	1
cg24672022	0.330147	1.3517	1.3517	0.838776	0.940735	-1.063	0.104332	1.70313	1.70313	0.140929	1.60786	1.60786	2.75611	3.92562	1.26608	1
cg06912936	0.446497	1.28291	1.28291	0.00241116	0.257447	-3.8843	0.507226	1.24113	1.24113	0.775691	1.09606	1.09606	2.7561	4.49973	1.45124	1
cg21331088	0.946509	0.951187	-1.05132	0.482941	0.587528	-1.70205	0.00611052	14.4284	14.4284	0.15395	3.12196	3.12196	2.75606	24.2832	7.83186	1
cg13954297	0.495741	1.30966	1.30966	0.0732049	0.458756	-2.17981	0.847576	1.07794	1.07794	0.271967	1.56204	1.56204	2.75603	6.63971	2.14147	1
cg15773137	0.552342	0.921775	-1.08486	0.11254	0.791308	-1.26373	0.258932	0.852499	-1.17302	0.337676	1.1433	1.1433	2.75603	0.801303	0.258441	1
cg11375053	0.332764	1.27651	1.27651	0.379928	0.802461	-1.24617	0.300565	1.29966	1.29966	0.0212885	0.508491	-1.9666	2.75601	2.60584	0.840456	1
cg26001410	0.212587	0.851344	-1.17461	0.198644	1.18129	1.18129	0.29639	0.875987	-1.14157	0.396589	0.899464	-1.11177	2.94647	0.675651	0.178351	1
cg07990111	0.185682	0.746695	-1.33924	0.0268855	0.579483	-1.72568	0.189874	1.33511	1.33511	0.51933	0.872871	-1.14564	2.75596	1.89107	0.609933	1
cg04005334	0.340369	0.757989	-1.31928	0.58315	0.85531	-1.16917	0.0675727	0.561304	-1.78156	0.0355947	0.501663	-1.99337	2.75595	3.47103	1.11953	1
cg01221623	0.0958382	0.61461	-1.62705	0.809269	0.937676	-1.06647	0.497622	1.20111	1.20111	0.647567	0.884718	-1.1303	2.75594	3.09109	0.996988	1
cg06609197	0.259104	0.761356	-1.31345	0.0574365	0.607953	-1.64486	0.614888	0.88916	-1.12466	0.0948602	1.52973	1.52973	2.7559	2.3408	0.755005	1
cg23176237	0.844034	1.03423	1.03423	0.688503	1.07129	1.07129	0.129406	0.755806	-1.32309	0.545836	0.900817	-1.1101	2.7559	1.27441	0.41105	1
cg02801598	0.0130797	0.311828	-3.20689	0.236262	1.59973	1.59973	0.207855	1.65326	1.65326	0.0855479	0.487001	-2.05339	2.75582	6.25537	2.01767	1
cg16767867	0.334541	2.3028	2.3028	0.523289	1.71971	1.71971	0.592261	1.57317	1.57317	0.744524	0.760295	-1.31528	2.75573	30.6571	9.88876	1
cg08249619	0.182628	0.476979	-2.09653	0.0168428	0.217305	-4.60183	0.119488	0.413009	-2.42126	0.571072	1.34937	1.34937	2.75571	11.9572	3.85697	1
cg04973839	0.46381	1.18543	1.18543	0.386938	1.22424	1.22424	0.671413	0.907243	-1.10224	0.889311	1.03228	1.03228	2.7557	2.27147	0.732693	1
cg14204124	0.0494487	1.92159	1.92159	0.475111	0.809297	-1.23564	0.361584	0.760925	-1.31419	0.340908	1.33098	1.33098	2.7557	3.70429	1.19487	1
cg08394753	0.359137	0.52951	-1.88854	0.00434886	0.0765839	-13.0576	0.72375	0.787177	-1.27036	0.03079	0.180786	-5.53141	2.75567	19.8448	6.40127	1
cg16003238	0.811817	1.09293	1.09293	0.314386	0.678653	-1.47351	0.127316	1.84847	1.84847	0.262115	1.546	1.546	2.75565	6.05868	1.95435	1
cg02022491	0.0168823	0.151871	-6.58454	0.0597279	0.257628	-3.88156	0.509194	0.656832	-1.52246	0.674427	0.767312	-1.30325	2.94608	17.9195	4.73082	1
cg10091265	0.157743	1.76926	1.76926	0.0153295	3.07788	3.07788	0.0349669	2.52991	2.52991	0.558179	1.25067	1.25067	2.75564	6.22692	2.00863	1
cg23445604	0.331466	0.836979	-1.19477	0.0549386	1.47191	1.47191	0.848859	0.966683	-1.03446	0.340434	0.839891	-1.19063	2.75562	1.3766	0.444054	1
cg26449586	0.247787	1.45635	1.45635	0.0602146	0.517134	-1.93373	0.158231	0.625423	-1.59892	0.974709	0.990185	-1.00991	2.75561	4.22451	1.36272	1
ch.16.1565572F	0.0410108	1.81981	1.81981	0.507059	0.842907	-1.18637	0.127813	0.658348	-1.51895	0.956419	0.98622	-1.01397	2.75559	2.81344	0.907551	1
cg07000955	0.881322	0.972994	-1.02776	0.616957	1.09693	1.09693	0.0333365	1.59538	1.59538	0.282036	1.22882	1.22882	2.94601	1.53361	0.404888	1
cg25754926	0.713143	1.05535	1.05535	0.569369	0.919528	-1.08751	0.101586	0.769899	-1.29887	0.211548	0.825297	-1.21169	2.75558	0.928884	0.299638	1
cg01394255	0.278935	1.75728	1.75728	0.190592	2.00192	2.00192	0.021498	0.2508	-3.98725	0.0350481	3.42086	3.42086	2.75557	10.9456	3.53081	1
cg18225658	?	?	?	0.277392	1.46415	1.46415	0.139197	1.74927	1.74927	0.946667	1.02184	1.02184	4.53178	3.6202	0.639078	1
cg11337289	0.0624199	1.56986	1.56986	0.275024	0.783319	-1.27662	0.576105	1.12915	1.12915	0.712321	0.923445	-1.0829	2.75554	2.0181	0.651006	1
cg12459904	0.0397546	5.4437	5.4437	0.10517	3.53197	3.53197	0.0119765	9.34028	9.34028	0.0653821	4.36737	4.36737	2.75554	22.1683	7.15111	1
cg24545979	0.274669	0.812173	-1.23126	0.0422809	0.651699	-1.53445	0.808556	0.956541	-1.04543	0.760625	1.05753	1.05753	2.75552	1.46219	0.471681	1
cg04118849	0.682522	1.10979	1.10979	0.0378136	1.84065	1.84065	0.820748	1.05917	1.05917	0.845173	0.951681	-1.05077	2.7555	2.80026	0.903328	1
cg20585227	0.305898	0.803895	-1.24394	0.0219214	0.567711	-1.76146	0.0145572	1.8583	1.8583	0.559306	1.12928	1.12928	2.75547	1.85029	0.596887	1
cg10338830	0.283267	1.44969	1.44969	0.485308	1.2664	1.2664	0.104443	1.80615	1.80615	0.00519725	3.41617	3.41617	2.75546	4.84188	1.56195	1
cg21096966	0.350015	0.753712	-1.32677	0.553677	0.838542	-1.19255	0.0242271	0.454007	-2.20261	0.338894	1.33608	1.33608	2.7554	3.76997	1.21619	1
cg02315187	?	?	?	0.0172858	4.00391	4.00391	0.21249	1.81106	1.81106	0.425306	1.43919	1.43919	3.24949	8.58234	1.98085	1
cg19961522	0.134067	0.377823	-2.64674	0.0538997	0.267586	-3.73711	0.0317494	0.219479	-4.55625	0.093792	0.329538	-3.03455	2.75536	15.836	5.10874	1
cg02909320	0.501042	0.724524	-1.38022	0.863982	1.08426	1.08426	0.83356	1.10438	1.10438	0.443758	0.691826	-1.44545	2.75529	9.71524	3.13425	1
cg09465698	0.152388	6.02706	6.02706	0.0451005	14.7898	14.7898	0.0303664	19.7336	19.7336	0.0437999	15.1081	15.1081	2.75523	59.912	19.3287	1
cg01942927	0.514584	1.33906	1.33906	0.223657	0.568469	-1.75911	0.0231479	3.31861	3.31861	0.97474	0.986109	-1.01409	2.75523	8.51681	2.74768	1
cg07493858	0.0775513	3.89508	3.89508	0.00527014	12.8015	12.8015	0.0505981	4.68277	4.68277	0.1437	2.9707	2.9707	2.75519	20.9591	6.7619	1
cg10821845	0.170824	10.6684	10.6684	0.756802	0.603965	-1.65573	0.00703826	285.778	285.778	0.0266207	71.1689	71.1689	2.75518	114.975	37.0938	1
cg12657283	0.527972	0.957775	-1.04409	0.423891	1.05665	1.05665	0.113228	0.890207	-1.12333	0.558405	1.04074	1.04074	2.75518	0.198654	0.0640907	1
cg18439535	0.935268	0.972943	-1.02781	0.251563	0.667319	-1.49853	0.0114709	2.90966	2.90966	0.961129	0.983678	-1.01659	2.75516	4.97559	1.60526	1
cg18775465	0.368286	1.47591	1.47591	0.478346	0.738135	-1.35477	0.75473	1.14112	1.14112	0.278149	0.621859	-1.60808	2.75514	7.74291	2.49809	1
cg02070232	0.151129	0.755791	-1.32312	0.0808453	1.4224	1.4224	0.105954	0.725147	-1.37903	0.0128601	0.569945	-1.75456	2.75513	1.44544	0.466343	1
cg12275060	0.461206	1.32265	1.32265	0.767491	0.895366	-1.11686	0.548995	1.25362	1.25362	0.0237962	2.73378	2.73378	2.75512	6.06346	1.95626	1
cg06480942	0.193221	0.545094	-1.83455	0.752083	1.14989	1.14989	0.150423	1.97252	1.97252	0.191182	0.5434	-1.84026	2.75508	8.47476	2.73427	1
cg24405716	0.0398649	0.346572	-2.88541	0.722961	0.853197	-1.17206	0.71705	1.17625	1.17625	0.273949	0.601834	-1.66159	2.75505	8.68081	2.80077	1
cg14292870	0.774347	1.10893	1.10893	0.658076	0.851965	-1.17376	0.715443	0.876609	-1.14076	0.0505615	2.22877	2.22877	2.75504	5.64539	1.82143	1
cg24076884	0.0982532	2.99728	2.99728	0.0339334	4.47599	4.47599	0.0163352	5.91245	5.91245	0.169904	2.42279	2.42279	2.75504	15.9874	5.1582	1
cg04652097	0.800459	1.11167	1.11167	0.722484	0.861518	-1.16074	0.386473	0.689978	-1.44932	0.706868	1.17107	1.17107	2.75503	7.62421	2.45989	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17971747	DUOXA1;DUOXA2	0.0841813	?	?	?	0.0166311	8.66614	8.66614	0.0772276	4.26601	4.26601	0.0895611	3.98346	3.98346	0.527338	0.623188	-1.60465	0.32824	2.10681	2.10681	0.317978	2.143	2.143	0.215025	2.62151	2.62151	0.0222175	7.56897	7.56897	2.7882	21.4034	7.67643	1
cg13105904	CBLN3;KHNYN	0.0841834	0.368486	1.82645	1.82645	0.480081	1.59702	1.59702	0.274841	2.09785	2.09785	0.851878	1.12964	1.12964	0.887125	0.91154	-1.09704	0.153776	2.70707	2.70707	0.0039512	12.53	12.53	0.0216011	6.04408	6.04408	0.987809	1.01001	1.01001	2.75498	18.5561	5.98709	1
cg19103609	PKN1	0.084186	0.370017	1.65793	1.65793	0.0846008	2.85068	2.85068	0.0345078	3.87294	3.87294	0.844244	0.897605	-1.11408	0.0196343	0.21264	-4.70279	0.642277	0.77344	-1.29292	0.564407	1.37708	1.37708	0.243451	0.511575	-1.95475	0.541443	0.712143	-1.40421	2.75494	13.1595	4.24594	1
cg15270687	ANKRD6	0.0841876	0.161852	0.815559	-1.22615	0.146289	1.23721	1.23721	0.0210991	1.4602	1.4602	0.656746	1.06295	1.06295	0.208436	0.834432	-1.19842	0.563232	0.923331	-1.08304	0.0658906	0.754532	-1.32532	0.182042	0.824208	-1.21329	0.66019	1.06225	1.06225	2.75492	0.812858	0.262273	1
cg05598562	FLT3	0.0841887	0.561322	0.857758	-1.16583	0.813408	0.940101	-1.06372	0.0403286	1.85661	1.85661	0.16515	1.47221	1.47221	0.0494053	0.556651	-1.79646	0.145987	0.665154	-1.50341	0.105683	0.630206	-1.58678	0.263245	1.35619	1.35619	0.376558	1.2675	1.2675	2.75491	2.97757	0.960732	1
cg06393286	FAM43B	0.0841906	0.624175	0.921762	-1.08488	0.120146	1.32068	1.32068	0.112552	1.32977	1.32977	0.747587	0.948122	-1.05472	0.868579	1.0277	1.0277	0.385321	0.863432	-1.15817	0.542131	1.10717	1.10717	0.824199	1.03739	1.03739	0.00328588	1.93646	1.93646	2.75488	1.18762	0.383195	1
cg21923525	RALBP1	0.0841924	0.115988	0.570979	-1.75138	0.176401	1.60233	1.60233	0.9935	0.997331	-1.00268	0.288785	0.69682	-1.43509	0.0475126	0.475413	-2.10343	0.714658	0.88652	-1.12801	0.66371	0.866313	-1.15432	0.919167	1.03386	1.03386	0.0061438	0.309524	-3.23077	2.75486	4.69496	1.51489	1
cg16771467	ATP8B1	0.0841927	0.10374	4.48813	4.48813	0.125706	4.04866	4.04866	0.0145423	12.6822	12.6822	0.126783	4.03006	4.03006	0.0562601	6.19884	6.19884	0.194998	3.17974	3.17974	0.032287	8.29488	8.29488	0.0474716	6.77593	6.77593	0.067146	5.64928	5.64928	2.75485	31.0729	10.0261	1
cg10638605	ATOH7	0.0841937	0.895265	0.972727	-1.02804	0.152901	1.37903	1.37903	0.750664	1.06922	1.06922	0.638523	1.10444	1.10444	0.741895	1.07185	1.07185	0.0687215	1.53376	1.53376	0.0073766	0.484394	-2.06443	0.192302	1.33607	1.33607	0.37405	1.21114	1.21114	2.75484	1.92304	0.620496	1
cg11273478	GABRB3;GABRB3	0.0841939	0.204095	0.592247	-1.68849	0.310546	1.50697	1.50697	0.106109	0.501684	-1.99329	0.0178239	3.08253	3.08253	0.087336	0.478198	-2.09118	0.604484	1.22658	1.22658	0.505489	0.767916	-1.30223	0.174655	1.75821	1.75821	0.598445	0.812444	-1.23085	2.75484	6.66492	2.15053	1
cg26149131	ACYP2	0.0841947	0.116746	0.469395	-2.1304	0.0395535	2.87626	2.87626	0.209825	1.79774	1.79774	0.104445	2.19826	2.19826	?	?	?	0.446502	0.708679	-1.41108	0.169637	0.522442	-1.91409	0.246991	0.584373	-1.71124	0.287975	0.612885	-1.63163	2.78801	7.73011	2.77263	1
cg01306614	TNPO1	0.0841955	0.239553	0.677434	-1.47616	0.722009	0.893183	-1.11959	0.618229	1.17219	1.17219	0.0902886	0.554177	-1.80448	0.467494	0.791536	-1.26337	0.38811	0.756001	-1.32275	0.00342331	0.284353	-3.51676	0.358754	1.34771	1.34771	0.581423	1.19253	1.19253	2.75481	4.36271	1.40771	1
cg14032453	EHMT1;EHMT1	0.0841991	0.0801013	2.20444	2.20444	0.00769813	4.03114	4.03114	0.431761	1.38631	1.38631	0.0547437	2.4278	2.4278	0.855273	0.928366	-1.07716	0.0550826	2.42402	2.42402	0.493674	0.753535	-1.32708	0.82415	0.913381	-1.09483	0.593844	1.24499	1.24499	2.75477	7.2308	2.33318	1
cg25463779	FAM101A	0.0842022	0.0219174	0.214139	-4.66986	0.247333	0.507654	-1.96985	0.21876	0.484329	-2.06471	0.117616	0.385754	-2.59232	0.0234359	0.219258	-4.56083	0.298746	0.546796	-1.82883	0.0150134	0.187182	-5.3424	0.727294	0.821824	-1.2168	0.0641214	0.311579	-3.20945	2.75472	13.7061	4.42264	1
cg18991132	WDR33	0.0842027	0.440577	1.17005	1.17005	0.542943	0.884299	-1.13084	0.0136224	0.543676	-1.83933	0.556824	0.888112	-1.12598	0.51202	1.14201	1.14201	0.0154648	0.552569	-1.80973	0.847749	1.03913	1.03913	0.198911	0.762572	-1.31135	0.0913611	0.689875	-1.44954	2.75472	1.73948	0.561293	1
cg07293387	METT10D	0.0842028	0.495983	0.799752	-1.25039	0.370659	0.742929	-1.34602	0.0228039	0.414482	-2.41265	0.774248	0.911231	-1.09742	0.0115603	0.36032	-2.77531	0.19732	0.643689	-1.55355	0.949162	0.9796	-1.02082	0.757208	0.904622	-1.10543	0.015247	0.38167	-2.62006	2.75472	4.55864	1.47098	1
cg17947174	TMEM86B	0.0842042	0.862138	1.02759	1.02759	0.0115221	1.64014	1.64014	0.23443	1.2155	1.2155	0.542802	0.908051	-1.10126	0.285726	1.18958	1.18958	0.204352	0.81081	-1.23333	0.0435183	1.43829	1.43829	0.303438	0.846289	-1.18163	0.491808	0.896441	-1.11552	2.7547	1.0696	0.345139	1
cg24236887	BMPER	0.0842043	0.670841	1.20242	1.20242	0.0181449	0.290221	-3.44565	0.258726	0.601627	-1.66216	0.0219384	0.305633	-3.2719	0.899651	0.947053	-1.05591	0.220025	1.7438	1.7438	0.135995	1.99921	1.99921	0.700772	0.846625	-1.18116	0.894783	1.05872	1.05872	2.7547	8.11203	2.6176	1
cg06560912	ZNF579	0.0842049	0.817842	0.9402	-1.0636	0.116673	0.634061	-1.57713	0.0764071	1.69362	1.69362	0.92906	1.02409	1.02409	0.203654	0.698645	-1.43134	0.0748618	0.588443	-1.6994	0.637779	0.880954	-1.13513	0.0336806	1.94064	1.94064	0.147643	0.660195	-1.5147	2.75469	3.11671	1.00571	1
cg21658235	C8orf58	0.0842065	0.0578064	0.418347	-2.39036	0.564777	1.26677	1.26677	0.471029	1.34703	1.34703	0.346459	0.674426	-1.48274	0.918972	0.959502	-1.04221	0.417609	1.40009	1.40009	0.0187163	3.18233	3.18233	0.0524467	2.44978	2.44978	0.134459	1.92644	1.92644	2.75467	7.20119	2.32371	1
cg10046620	HIST1H2AI	0.0842082	0.0522822	15.8976	15.8976	0.134852	7.53901	7.53901	0.0501939	16.4099	16.4099	0.16724	6.32824	6.32824	0.031811	23.4115	23.4115	0.0374858	20.5968	20.5968	0.322099	3.60319	3.60319	0.0239062	29.2893	29.2893	0.0617498	13.9653	13.9653	2.75464	68.5131	22.1083	1
cg21149708	GFRA2;GFRA2;GFRA2	0.0842097	0.126055	0.347571	-2.87711	0.00496288	0.0930326	-10.7489	0.0172898	0.157042	-6.36773	0.671929	0.761883	-1.31254	0.156835	0.380309	-2.62944	0.280351	0.488493	-2.04711	0.120318	0.341031	-2.93228	0.401226	0.577789	-1.73074	0.430635	0.598354	-1.67125	2.75462	17.7826	5.73826	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg12144100	PTPN2;PTPN22;PTPN2	0.08435093	0.0308732	1.353817	0.82633	1.044976	0.10869	0.282845	0.632942	-1.57992	0.479195	1.742964	-1.34596	0.00923863	0.2158151	-1.87371	0.496441	1.7535	-1.32714	0.034986	0.365302	2.72746	0.383222	1.442827	0.296485	-1.55842	2.72509	7.32368	2.365022	1
cg18462226	G3BP2;G3BP2;G3BP2;G3BP2	0.08435598	0.6688855	1.15316	0.1535616	0.2878566	1.44119	1.44119	0.312888	1.41301	0.1451081	0.503749	-1.98512	0.325636	0.71452	1.39954	0.107732	0.55915	-1.78843	0.590596	0.8353771	-1.19706	0.010604	0.3449172	-2.89925	0.364237	1.36179	1.361739	7.25258	4.782202	1.54425	1
cg26429169	LOR	0.08436111	0.0938489	0.464402	-2.1533	0.0936772	0.46418	-2.15434	0.509555	0.756896	-1.32118	0.0039166	0.198595	-5.03536	0.716375	0.859075	-1.16404	0.759898	0.880192	-1.13612	0.480013	0.741629	-1.34838	0.0493303	0.992985	-2.54463	0.10073	0.473105	-2.11137	2.75256	7.555585	2.44002	1
cg05745464	C10orf46	0.08436514	0.3226504	1.27557	1.27557	0.479851	1.18663	1.18663	0.548377	1.1556	1.1556	0.4953566	1.17932	1.17932	0.4851577	1.18411	1.18411	0.3406904	0.7939311	-1.25956	0.00282964	0.375479	-2.66327	0.7707703	0.9327768	-1.07208	0.6685454	1.108016	1.108016	7.252626	2.474445	0.7990779	1
cg10657156	CDQ2	0.08436664	0.504195	0.900839	-1.11008	0.3000375	0.847597	-1.17981	0.0755578	0.737274	-1.35635	0.405107	1.14025	1.14025	0.495489	0.898852	-1.11253	0.0119847	0.616956	-1.62086	0.285471	0.842882	-1.18641	0.634157	1.07666	1.07666	0.0612771	1.3839	1.3839	7.25249	1.0349	0.3342091	1
cg00202047	HIPK3;HIPK3	0.08436967	0.912329	1.01328	1.01328	0.0286841	1.36233	1.36233	0.840878	1.02438	1.02438	0.283573	0.87505	-1.14279	0.418122	0.909597	-1.09939	0.7788115	1.03431	1.03431	0.00820747	0.667437	-1.49827	0.3841111	1.11284	1.11284	0.709933	1.04578	1.04578	7.25249	0.6725115	0.2020368	1
cg10422047	SMPD3	0.08436367	0.2770791	0.736248	-1.35824	0.0143146	0.441297	-2.26605	0.6549	1.12959	1.12959	0.225826	1.41129	1.41129	0.816249	0.938899	-1.06508	0.552168	0.84967	-1.17693	0.0397729	0.525249	-1.90386	0.359892	1.29042	1.29042	0.0642131	0.569339	-1.75642	7.25248	3.1982	1.03283	1
cg26341102	RNF220	0.08436376	0.42951	1.20654	1.20654	0.581681	1.13811	1.13811	0.7018866	1.04145	-1.09367	0.525481	0.8608868	-1.13179	0.138832	1.44911	1.4491	0.1077158	1.50598	1.50598	0.0099461	2.14594	2.14594	0.0133563	1.78414	1.78414	0.0665359	1.61449	1.61449	7.25248	2.362201	0.7630884	1
cg21476593	PGP	0.08436369	0.178468	0.8235306	-1.21432	0.480225	1.02037	1.02037	0.264287	0.844204	-1.18455	0.393724	0.8861	-1.126	0.712844	0.15149	-1.91049	0.8209993	0.9696848	-1.03126	0.0194175	0.681213	-1.46797	0.305016	0.8656643	-1.15521	0.0218051	1.45344	1.45344	7.25246	0.8043554	0.2597761	1
cg00456888	SMTN;SMTN;SMTN	0.08436911	0.8323003	1.034	1.034	0.2668846	0.8333275	-1.20008	0.0167699	0.631136	-1.58444	0.833736	0.9674022	-1.0337	0.112168	1.31351	1.31351	0.365551	1.15787	1.15787	0.0463197	1.43315	1.43315	0.22025	0.8161015	-1.22533	0.573703	0.914271	-1.09377	7.25246	1.083664	0.3499555	1
cg19764418	RYR2	0.08436938	0.6153132	1.07566	1.07566	0.2755555	0.7139	1.07566	0.7139	0.8384104	1.19218	0.5797226	0.7792662	-1.28343	0.5731209	1.05074	1.05074	0.5449004	1.34229	1.34229	0.4951382	1.29439	1.29439	0.0546229	2.0001	2.0001	0.0546229	2.853078	-1.25397	7.25245	10.0657	3.25068	1
cg00751501	WFDC1	0.08437303	0.161323	0.5516603	-1.8127	0.1133949	0.294104	-3.40016	0.0211555	0.330355	-3.02705	0.0468726	0.402884	-2.4821	0.133625	0.523895	-1.90878	0.0867244	0.469551	-2.1297	0.729616	1.14871	1.14871	0.730791	0.871089	-1.14799	0.259045	0.624684	-1.60081	7.25244	6.900808	2.24773	1
cg20185145	RRE1;RRE1;RRE1;RRE1	0.08437312	0.0281372	0.594021	-1.7123	0.774141	1.0615	1.0615	0.505586	0.869555	1.15041	0.0574426	0.156165	1.56165	0.67115	0.915233	-1.09263	0.0899819	0.678651	1.47351	0.413205	0.846768	-1.18096	0.945213	1.12343	1.12343	0.0441959	0.661908	-1.51129	7.25243	1.87568	0.6057345	1
cg21899745	MYOM2	0.08437377	0.19401	0.647508	-1.54438	0.0998865	0.999947	-1.00005	0.0290932	0.443316	-2.25573	0.913932	1.09479	1.09479	0.00396801	0.2936097	3.40487	0.998992	1.0004	1.0004	0.669332	1.14554	1.14554	0.909162	1.03676	1.03676	0.928647	1.02873	1.02873	7.25239	4.36075	1.40831	1
cg26666365	NBAS	0.08437446	0.197131	0.486554	-2.05527	0.0475722	0.300231	-3.31091	0.7713693	0.858513	-1.1648	0.0897188	0.37219	-2.6868	0.0094601	0.176005	-5.68166	0.450777	0.666326	-1.50077	0.0618228	0.329155	-3.03808	0.884799	0.8547398	-1.16925	0.0250647	1.244586	-4.08854	7.25238	12.1687	3.92992	1
cg16738678	NRXN2;NRXN2;NRXN2;NRXN2	0.08436745	0.0183847	0.5340432	-1.88526	0.4948035	0.858643	-1.1649	0.0506567	0.63784	-1.56794	0.95609	1.02227	1.02227	0.479821	1.17426	1.17426	0.4729645	0.850676	-1.17554	0.0383783	0.768731	1.71811	0.619569	1.13726	1.13726	0.577023	1.132596	1.13726	7.25252	1.8625	0.6910002	1
cg18324157	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.08437779	0.350022	1.36287	1.36287	0.780578	1.08989	1.08989	0.369639	0.743399	-1.34517	0.0736272	1.89999	1.89999	0.0511882	0.489376	-2.04342	0.841771	0.937699	-1.06644	0.0633611	0.510703	-1.95807	0.044162	2.1046	2.1046	0.502824	0.803441	-1.24465	2.752234	4.514907	1.45815	1
cg13179548	KRT16	0.08437783	0.02309052	2.275775	-3.60263	0.761781	1.15424	1.15424	0.0245838	0.241901	-4.13393	0.0871754	0.410225	-2.43768	0.334843	0.625486	-1.59876	0.12441	0.456173	-2.19215	0.0777487	0.39659	-2.5215	0.133233	0.46572	-2.14721	0.0269556	0.384446	-2.60114	7.25233	9.7023	3.13344	1
cg25215049	PCGF3	0.08438444	0.4098427	1.30049	1.30049	0.0497525	2.35973	2.35973	0.22519	1.63009	1.63009	0.227922	1.62497	1.62497	0.0116612	0.298439	-3.35077	0.40261	0.719949	-1.38899	0.407144	0.72233	-1.38441	0.448814	1.34458	1.34458	0.591408	0.812316	-1.23105	7.25225	6.414049	2.07155	1
cg17831228	PSD2	0.08438461	0.3137784	1.32611	1.11673	0.0496259	0.2183	1.2183	0.2183	1.12034	1.12034	0.0883653	1.22694	1.22694	0.770705	1.08173	1.08173	0.8034909	1.05409	1.05409	0.7045495	1.04739	1.04739	0.1591731	1.53204	1.53204	0.208537	0.86786	-1.15226	7.25222	0.4981	0.1608272	1
cg19490637	MYBPC3	0.08438867	0.2964873	0.834402	-1.19846	0.163947	0.782812	-1.27745	0.428684	1.1447	1.1447	0.4497	0.879125	-1.13749	0.517805	0.896138	-1.1159	0.11907	0.753575	-1.32701	0.161927	1.28373	1.28373	0.00591151	0.547577	-1.82623	0.217458	0.804923	-1.24235	7.25222	1.21925	0.393785	1
cg20863476	RBBP8;RBBP8;RBBP8	0.08438872	0.0622227	0.829041	-1.20642	0.153383	0.1946818	0.0995	0.0182524	0.208832	-4.78911	0.0108832	0.1238284	0.8083818	-1.23773	0.0454574	0.784546	-1.27462	0.1118484	0.893516	1.11985546	0.6832254	1.463593	0.7367702	0.96385	-1.03751	0.924381	1.09098	1.09098	7.25222	0.6474313	0.1588884	1
cg26255609	TRPV1;TRPV1;TRPV1;TRPV1	0.08438873	0.751656	0.942797	-1.06067	0.790794	0.951867	-1.05057	0.116021	1.37291	1.37291	0.669533	1.08291	1.08291	0.613858	1.08735	1.08735	0.053265	1.50291	1.50291	0.00545869	1.97057	1.97017	0.24602	1.7984	1.7984	0.125245	0.7896312	0.9515594	-1.05087	7.25221	1.500551	0.484625	1
cg08531821	C9orf156	0.08438893	0.0207987	1.52678	1.52678	0.355193	1.15562	1.15562	0.608546	0.924452	-1.08172	0.647811	1.07244	1.07244	0.0273142	1.48754	1.48754	0.123665	1.28863	1.28863	0.250533	0.833109	-1.20032	0.182202	0.80661	-1.23976	0.328284	1.16584	1.16584	7.25218	1.00801	0.325564	1
cg10185667	PRKAR1A;PRKAR1A;PRKAR1A	0.08439015	0.1445377	0.759783	-1.31651	0.4790624	0.7306535	0.949255	-1.05232	0.5822655	0.74582	-1.34082	0.9511	1.0943	0.1144113	1.0943	1.0943	0.1882826	0.7267208	1.37497	0.1144402	0.7440634	1.343536	0.5940861	1.01705	1.01703	0.1483339	1.31659	1.31659	7.25215	1.737165	0.4443115	1
cg15017278	MPG;MPG;MPG	0.08439329	0.0318238	0.34887	-2.8664	0.743237	1.14749	1.14749	0.0631502	0.469961	-2.3983	0.395482	1.43941	1.43941	0.0891271	0.456259	-2.19174	0.696213	1.17848	1.17848	0.554469	1.28434	1.28434	0.0443558	2.62902	2.62902	0.533453	0.767982	-1.30211	7.25213	7.63582	2.46623	1
cg04160201	ZFP41	0.08439394	0.5465861	1.15254	1.15254	0.3212254	1.14962	1.14962	0.3604611	1.08972	1.08722	0.1008402	1.50383	1.50383	0.5104555	1.16805	1.16805	0.0751134	1.58588	1.58588	0.0208943	1.93623	1.93623	0.0190804	1.79592	1.79592	0.2125512	1.24425	0.0318099	1.79592	1.79592	7.25212	2.56015	0.7622389	1
cg07888347	SMTNL2;SMTNL2	0.08439395	0.629771	0.6369554	-1.56997	0.845736	1.19399	1.19399	0.0246868	0.90163	1.90163	0.601658	1.61512	1.61512	0.199101	0.2908818	3.43858	0.107437	0.94043	0.94043	0.204185	1.38611	1.38611	0.0672048	1.07207	1.07207	0.0672048	1.57763	1.57763	7.2521	1.36115	11.664	1
cg21833572	LOC100133612;C1orf174	0.08439668	0.136243	0.822487	-1.21582	0.1416587	1.21209	1.21209	0.322905	1.13235	1.13235	0.24258	0.8616848	-1.16052	0.478619	1.09164	1.09164	0.6083333	1.28202	1.28202	0.0742634	1.27394	1.27394	0.287489	1.14389	1.14389	0.0234481	1.39032	1.39032	7.25208	0.6458862	0.2086061	1
cg18058813	HACE1;HACE1	0.08439374	0.1406992	0.6490556	-1.54057	0.2838795	1.28407	1.28407	0.0478361	1.16324	1.16324	0.2275571	1.31893	1.31893	0.0439763	1.57681	1.57681	0.1858449	1.13578	1.13578	0.3736207	1.07381	1.07381	0.7187001	1.19779	1.19779	0.1267314	1.46603	1.78701	0.1067644	1.46603	1.78701	7.25208	2.626318	0.6660062	1
cg16408771	FERMT1;FERMT1	0.08439995	0.318388	0.337237	-2.96528	0.0116787	27.7988	27.7988	0.95493	0.944131	-1.05917	0.611223	0.582465	-1.71684	0.290532	0.314693	-3.1777	0.444857	0.440022	-2.27261	0.936318	1.08787	1.08787	0.829283	1.25558	1.25558	0.0180609	0.20 6364	0.20 6364	7.25204	48.422	15.6399	1
cg20692964	PTRF	0.08440006	0.1894	0.6485	-1.5422	0.1743	0.8372	0.8372	0.2154	1.2722	1.2722	0.2154	1.2156	1.2156	0.2	1.2722	1.2722	0.0030534	0.7478	0.7478	0.1982	0.7982	0.7982	0.1418587	0.2358	0.2358	0.1418587	0.2358	0.2358	7.25204	0.6818	0.2357	1
cg06616057	GOS2	0.08440141	0.1992634	0.5561424	-1.7981	0.0396509	2.84107	2.84107	0.399036	1.45016	1.45016	0.2567841	1.66703	1.66703	0.0553951	0.3867681	2.58553	0.67221	1.20047	1.20047	0.131779	0.4935558	-2.0261	0.0741464	2.38253	2.38253	0.546927	1.29946	1.29946	2.94195	8.39225	2.2187	1
cg23747904	PCDP1	0.08440413	0.401851	1.14878	1.14878	0.705529	1.06329	1.06329	0.0301976	1.50986	1.50986	0.719867	0.7600006	-1.31578	0.514882	0.898744	-1.11266	0.0280074	0.657298	-1.52138	0.467601	0.887378	-1.12692	0.125953	1.30691	1.30691	0.618092	0.9219 61	0.9219 61	1.08464	7.25202	1.11903	0.3679	1
cg09585319	SMOC2;SMOC2	0.08440515	0.191241	0.7898	-1.26615	0.3139	1.32619	1.32619	0.1144397	0.994188	-1.00597	0.9939	1.30097	1.30097	0.0176461	0.3804	-2.62972	0.8469	0.7126708	1.40349	0.1374641	0.7098	1.40845	0.1579817	0.738428	1.35423	0.350956	1.67148	1.67148	0.0278379	1.806831	1.2394	2.75201	12.8144	4.139	1
cg10830905	METTL10	0.08440529	0.244244	0.793961	-1.25951	0.0054739	0.5006545	-1.99743	0.0754355	0.687398	-1.45476	0.919867	0.01925	1.01925	0.0689051	0.680084	-1.47041	0.53453	0.887692	-1.12652	0.122748	0.728543	-1.3726	0.447499	1.15791	1.15791	0.2049115	0.776218	-1.2883	2.752	1.56334	0.504956	1
cg20974320	TPRG;TPRG	0.08440464	0.4091106	1.27446	1.15254	0.3212254	1.14962	1.14962	0.3604611	1.08972	1.08722	0.1008402	1.50383	1.50383	0.5104555	1.16805	1.16805	0.0751134	1.58588	1.58588	0.0208943	1.93623	1.93623	0.0190804	1.79592	1.79592	0.2125512	1.24425	0.0318099	1.79592	1.79592	7.25212	2.56015	0.7622389	1
cg10007426	AEN	0.08440442	0.05103049	0.482224	-2.07373	0.701746	1.1346	1.1346	0.0352088	0.447068	-2.2368	0.531205	1.23141	1.23141	0.0141669	0.370329	2.7003	0.651092	1.16115	1.16115	0.0932106	0.545503	-1.83117	0.845404	1.06616	1.06616	0.333603	0.720866	-1.38722	7.25198	2.69446	1.51631	1
cg26952407	PRSS16;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1	0.08440465	0.2816698	1.27922	1.27922	0.81943	1.05162	1.05162	0.0850452	1.52064	1.52064	0.0236158	1.8128	1.8128	0.181926	0.732081	-1.36597	0.347782	0.808333	-1.23711	0.0959973	1.49538	1.49538	0.157385	0.716912	-1.39487	0.425916	0.836144	-1.19597	7.25195	2.11158	0.682048	1
cg25421530	S1;SORBS1;SORBS1	0.08440466	0.96717	0.988621	-1.01151	0.0271475	2.093	2.093	0.0310176	2.00015	2.00015	0.120891	1.59632	1.59632	0.165565	1.15587	1.15587	0.181486	1.48353	1.48353	0.122335	0.627761	-1.59296	0.825637	0.940506	-1.06326	0.226317	0.702393	-1.4237	7.25195	3.36999	1.08852	1
cg06302806	RBP1	0.08440863	0.638363	0.8809	-1.13531	0.2304708	0.2593119	-3.8112	0.0307871	0.242737	-4.12043	0.0126693	0.1818124	-5.50077	0.0013	0.1818124	-5.50077	0.1384827	1.20644	1.20644	0.755186	1.22205	1.22205	0.0746348	0.658171	-1.51935	0.0705029	0.653269	-1.53076	7.25195	1.39062	0.424568	1
cg12300498	RNF165	0.08440868	0.0262288	1.55901	1.55901	0.58331	0.910926	-1.09778	0.172304	1.27716	1.27716	0.159988	1.28766	1.28766	0.207885	1.2506	1.2506	0.984123	0.996655	-1.00336	0.0423653	0.674542	-1.48249	0.349409	0.850256	-1.17612	0.264098	0.821986	-1.21657	7.25193	1.23605	0.399252	1
cg22396288	AIRIM3	0.08440887	0.424605	0.624174	-1.60212	0.124546	0.382451	-2.61485	0.0860099	0.334018	-2.99385	0.182298	0.441235	-2.26637	0.0827355	0.308002	-3.24673	0.0399449	0.252112	-3.9665	0.0100001	0.152625	-6.55202	0.193128	0.901988	-2.5511	0.0360525	0.249036	-4.08104	7.25192	14.5612	4.70397	1
cg20905308	PER2	0.08440891	0.135717	0.8972	1.8972	0.662717	0.83963	-1.191	0.2744888	0.853865	-2.82593	0.0831395	0.4004564	-2.49731	0.0	0.4004564	-2.49731	0.1279227	0.985922	1.00524	1.00524	0.054004	1.84695	1.35525	1.35525	0.75191	0.91349	2.23311	1
cg02538046	ZBTB22;ZBTB22	0.08440994	0.666948	0.881348	-1.13463	0.145717	0.634012	-1.57726	0.103629	0.594978	-1.68074	0.418381	0.785655	-1.27282	0.0020845	0.282579	3.53883	0.542498	0.835394	-1.19704	0.131257	0.621677	-1.60855	0.911675	0.968147	-1.0329	0.307054	0.734565	-1.36135	7.25191	3.70933	1.19814	1
cg06738098	ASCC2	0.08441077	0.1777097	0.688951	-1.45139	0.2889375	0.9702026	-1.03056	0.8934642	1.20165	1.20165	0.1553694	1.15269	1.15269	0.0953782	1.21045	1.21045	0.1607195	1.10323	1.10323	0.4134073	0.907195	-1.10223	0.3134073	1.04994	1.04994	0.1655955	0.656416	-1.52342	0.954991	1.01197	1.01197	0.7581183	1.3386	1.3386	7.25191	1.14303	0.3433	1
cg16602460	PBX2	0.08441483	0.339276	0.843528	-1.1855	0.335907	0.842462	-1.187	0.0271532	0.636484	-1.57113	0.662038	0.107895	0.075695	0.570524	0.710621	-1.40722	0.873869	0.973889	-1.02681	0.00720541	0.545225	-1.82065	0.421314	1.15249	1.15249	0.551466	0.900139	-1.10971	7.25179	1.30081	0.42019	1
cg05310902	DAC#1;DAC#1;DAC#1	0.08441507	0.291374	0.6485555	-1.61908	0.07073	0.746253	-1.33913	0.4963662	1.35107	1.35107	0.0101464	0.323477	-3.09141	0.0050805	0.324655	-3.08045	0.597539	0.793025	-1.26099	?	?	0.880809	0.6755132	-1.48032	0.5564643	0.777926	-1.29546	7.25194	2.27929	1	1
cg03707183	PAPOLB;RADIL;PAPOLB	0.08442202	0.0558716	0.593735	0.937535	0.262791	1.0932	1.0932	0.1864	1.15663	1.15663	0.3440454	1.85275	1.85275	0.0263097	3.29675	3.29675	0.0844845	1.34485	1.34485	0.0855715	3.32793	3.32793	0.0111409	1.74868	1.74868	0.0609026	3.262161	3.262161	7.25176	17.4464	5.63563	1
cg20644253	KIAA0892;SF4	0.08442205	0.34157	0.749614	-1.3342	0.601831	1.16753	1.16753	0.858521	0.948857	-1.0539	0.661534	1.13839	1.13839	0.436584	0.791751	-1.26302	0.692574	0.889661	-1.12402	0.0581247	0.34548	-2.89452	0.327803	1.34607	1.34607	0.0537441	1.904185	1.904185	7.25176	3.77259	1.21864	1
cg00075634	HELT	0.08442209	0.692631	1.0797	1.0797	0.6545035	1.49311	1.49311	0.131198	1.36865	1.36865	0.803072	1.04941	1.04941	0.265608	1.25097	1.25097	0.00799296	1.92737	1.92737	0.264704	0.799013	-1.25154	0.111465	1.39742	1.39742	0.0813954	1.45187	1.45187	7.25175	1.6237	0.524499	1
cg08270477	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA0 0188;NCRNA00188;SNORD49B/A	0.08442243	0.972517	0.993278	-1.00677	0.303422	1.23206	1.23206	0.176965	1.32441	1.32441	0.0172818	0.566803	-1.76428	0.209793	0.772001	-1.29534	0.949673	0.987718	-1.01243	0.182884	0.758275	-1.31878	0.642144	1.09595	1.09595	0.0437144	1.57445	1.57445	7.25172	1.67042	0.539595	1
cg23240945	GSTO1	0.08442448	0.11788	0.565395	-1.76886	0.0425627	1.01833	1.01833	0.9255355	1.00054	1.00054	0.9278335	0.9	-1.11852	0.219379	0.6483866	-1.54227	0.6018352	1.19338	1.19338	0.0225976	1.099532	-2.50293	0.1809232	1.39667	1.39667	0.1882281	1.60901	1.60901	7.25171	4.91475	1.58763	1
cg02224133	CCDC108	0.08442475	0.01801114	0.4860449	-2.0574	0.382397	0.7986602	-1.25219	0.1410336	0.672036	-1.48802	0.0971259	0.6331117	-1.57949	0.0101173	0.442838	0.25816	0.281753	0.755152	-1.32424	0.05687	0.58214	-1.7178	0.175877	0.696761	-1.43521	0.0810912	0.615364	-1.62505	0.75166	2.74674	0.887299	1
cg13448346	C1orf97	0.08442487	0.3709644	1.32861	1.32861	0.7626477	1.76846	1.76846	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.1916451	0.821623	-1.21711	0.0964983	0.33186	-3.01313	0.0	0.9157413	0.10601	0.0115333	0.357103	-2.80012	0.1	0.1	7.25171	0.45956	0.1602205	1
cg00031491	SLC44A4	0.08443004	0.940835	1.02726	1.02726	0.35521	0.707444	-1.41354	0.038995	0.412286	-2.4255	0.0686039	0.471539	-2.12072	0.00444837	0.236642	4.22579	0.288416	0.669231	-1.49425	0.133781	0.552751	-1.80913	0.349968	0.704589	-1.41927	0.118738	0.53716	-1.86164	2.941149	0.987466	1.58318	1
cg10406520	ZUFSP	0.08443006	0.211982	1.23299	1.23299	0.730962	0.946499	-1.05652	0.50668	1.11329	1.11329	0.2512553	0.8266168	-1.21041	0.650705	0.929961	-1.07531	0.797985	1.04171	1.04171	0.00344828	1.88027	1.88027	0.217933	0.813456	-1.22932	0.983625	0.996736	-1.00327	7.25162	1.10593	0.357261	1
cg06767637	UBE2D	0.08443021	0.0553287	0.7	0.83737	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	7.25161	0.1	0.1	0.1	1
cg13968717	CDYL;CDYL;CDYL;CDYL	0.08443113	0.054085	0.667273	-1.49864	0.234122	1.25961	1.25961	0.0728682	0.690571	-1.44808	0.719906	0.935542	-1.0689	0.106892	0.722013	-1.38502	0.0092489	0.542676	-1.84272	0.140684	0.745843	-1.34076	0.80447	0.955138	-1.04697	0.525081	0.887656	-1.12656	7.25161	1.49218	0.482037	1
cg21268806	RPAP1	0.08443204	0.2010986	0.564938	-1.77011	0.0245854	0.4	0.4	0.0	0.4	0.4	0.0	0.4	0.4	0.0	0.4	0.4	0.0944079	1.00254	1.00254	0.0650574	2.20132	2.20132	0.0	2.13642	2.13642	0.0	0.4	0.4	0.0	7.25161	0.4	0.4	0.0	1
cg18715191	HLA-DPA1	0.08443335	0.5448852	1.30747	1.30746	0.560516	0.772998	-1.29366	0.0339871	0.338679	-2.95265	0.631309	1.23555	1.23555	0.0507954	0.197843	5.05452	0.58755	0.786966	-1.2707	0.273741	0.645485	1.54845	0.187456	0.729455	-1.37089	0.738974	0.863907	-1.15753	7.25158	3.33972	2.69412	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-111T 117 vs. N vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-112T 127 vs. N vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121T 217 vs. N)	p-value(1217 vs. Chang N)	Fold-e(1-vs-121T 217 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-147T 477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N)	p-value(1577 vs. N)	Fold-Change(1-vs-157T 577 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg26674450	CAPN11	0.0845344	0.200548	0.680589	-1.45646	1.823083	0.938752	-1.06524	0.00312847	0.3197706	-1.12787	0.320867	0.335574	1.33574	0.0623474	0.553144	1.80785	0.889484	0.961518	-1.04002	0.438269	0.709993	-1.25003	0.69367	0.892895	-1.11995	0.323839	0.750065	-1.33322	2.75021	3.46989	1.1215	1
cg08489340	ELP2P;GEMIN4	0.0845346	0.980038	0.990705	-1.00938	2.025813	1.64564	1.64564	0.3327	1.45203	1.45203	0.1586577	1.75482	1.75482	0.0747656	0.471741	-2.11981	0.269268	0.650896	-1.53634	0.172311	1.71976	1.71976	0.0124289	3.19354	3.19354	0.389584	1.38968	1.72021	0.606761	1.9611	1
cg02020879	BRD9;BRD0;BRD9	0.0845347	0.119918	0.738402	-1.35428	0.0525174	1.48628	1.48628	0.762048	1.05611	1.05611	0.287561	1.21955	1.21955	0.0290807	1.58782	1.58782	0.982666	0.996102	-1.00391	0.0950792	0.719145	-1.39054	0.600993	0.909509	-1.09949	0.217073	0.791798	-1.26295	2.75021	1.40737	0.454872	1
cg25228562	PIK3CA	0.0845351	0.327759	0.755738	-1.32321	0.2798885	0.490716	-2.03772	0.0143556	0.4373194	-2.28778	0.16078	0.50795	1.50795	0.652865	0.8832265	-1.13217	0.590371	1.16067	-1.16087	0.480268	0.821404	-1.21743	0.10845	0.618984	-1.61631	0.163821	0.665238	-1.50322	2.7502	1.37454	1.058836	1
cg18328477	PGS1	0.0845357	0.354807	0.845083	-1.18332	0.0730878	1.84338	1.84338	0.095502	1.38241	1.38241	0.926801	1.01638	1.689906	1.07349	1.07349	0.801993	0.956542	-1.04543	0.977758	0.995082	-1.00494	0.141366	1.32269	1.32269	0.0345294	1.54635	1.54635	2.7502	1.3619	0.440177	1
cg15648239	USP2	0.0845368	0.020475	0.249613	-4.0002	0.183826	0.497989	-1.23808	0.0140602	0.2216643	-4.51176	0.450493	0.68245	1.46554	0.0222569	0.256226	-3.9028	0.613411	0.776325	-1.28182	0.146276	0.460675	-2.17073	0.0905469	0.395814	-2.52644	0.16501	0.478989	-2.08773	2.75018	10.7582	3.477717	1
cg03204825	TPRXL	0.0845375	0.0205378	0.372634	-2.6836	0.0872643	1.95012	1.95012	0.11286	1.84131	1.84131	0.504482	1.27073	1.27073	0.0688152	2.05526	2.05526	0.421945	1.33667	1.33667	0.673065	1.16198	1.16198	0.0813016	1.98095	1.98095	0.8778911	1.05589	1.05589	2.75017	5.45047	1.76166	1
cg05819296	SAMD11	0.0845381	0.344803	1.16318	1.60108	0.2256329	3.60533	3.60533	0.0178409	1.99333	1.99333	0.12757	2.2188	2.2188	0.0276582	3.53232	3.53232	0.644538	0.98674	-1.25197	0.9169845	1.28202	1.28202	0.303347	0.597089	-1.67479	0.310966	1.60842	1.66042	2.75016	10.1911	3.2939	1
cg00154986	MESP2	0.0845397	0.0623549	0.619024	-1.61545	0.12446	1.4627	1.4627	0.083218	0.6450538	-1.5503	0.776336	0.936957	-1.06728	0.10044	1.02606	1.02606	0.546496	1.14972	1.14972	0.0161302	1.96013	1.96013	0.627955	1.11811	1.11811	0.40247	1.822106	-1.21639	2.75014	2.765804	1
cg10405239	SLC46A1	0.0845398	0.287592	0.862135	-1.15991	0.113691	1.26207	1.26207	0.12659	1.24861	1.24861	0.213679	1.19234	1.19234	0.886013	0.980913	-1.01946	0.629507	0.936777	-1.06749	0.0093385	0.642134	-1.55731	0.803128	1.03413	1.03413	0.3057331	1.15313	1.15313	2.75014	0.786234	0.254123	1
cg26600046	TBC1D20	0.0845401	0.342839	0.863915	-1.15741	0.1947239	0.760994	-1.31394	0.08094	0.6408357	0.9339948	-1.06389	0.0877207	1.0742393	1.32574	0.405644	0.8804844	-1.11574	0.796443	1.74706	1.3378	0.0492344	0.57275	-1.74596	0.455905	0.884007	-1.12031	0.193185	1.22876	1.22876	2.75012	0.974862	0.315093	1
cg21401951	CITED1;CITED1;CITED1;CITED1	0.0845417	0.965885	0.960773	-1.04083	0.640789	0.644242	-1.55221	0.412582	2.1898	2.1898	0.0678908	0.147588	-6.77562	0.0339732	0.0986729	-10.1345	0.567031	1.71837	-1.71837	0.0270004	11.5898	11.5898	0.33672	2.52629	2.52629	0.227016	3.27627	3.27627	2.75011	38.1301	12.3244	1
cg23178517	ROPN1;ROPN1L	0.0845417	0.9754	1.00613	1.00613	0.7860791	0.947508	-1.0554	0.943704	1.0141	1.0141	0.464397	1.15904	1.15904	0.13527	0.726799	-1.3759	0.137437	0.728274	-1.37311	0.0164608	0.559389	-1.78766	0.0320905	1.64483	1.64483	0.468145	1.15755	1.15755	2.75011	1.71103	0.553039	1
cg01643091	C1QTNF1;C1QTNF1;C1QTNF1	0.0845419	0.714749	1.09474	1.09474	0.567563	1.15314	1.15314	0.314833	1.29216	1.29216	0.320358	0.776302	-1.28816	0.0807755	1.03771	1.03771	0.0238468	0.514286	-1.94444	0.0075677	0.428592	-2.33322	0.953979	1.01433	1.01433	0.584426	1.14592	1.14592	2.75011	2.64879	0.856141	1
cg12790037	MLH1;MLH1;MLH1;SPAN2AP1;MLH1	0.0845421	0.114628	1.39944	1.23994	0.1458274	1.12674	1.12674	0.07443	0.996454	-1.00355	0.316709	1.19851	1.19851	0.0267754	1.14221	1.14221	0.143533	1.21779	-1.21779	0.0406279	0.743534	-1.34491	0.83703	0.974511	-1.02636	0.101185	1.25233	1.25233	2.75007	0.684444	0.222129	1
cg23899424	CDH4	0.0845462	0.118682	0.371646	-2.69073	0.268271	1.9618	1.9618	0.465553	1.54341	1.54341	0.919399	0.942565	-1.06094	0.0124993	0.162688	-6.14672	0.991615	0.993877	-1.00616	0.13346	0.388317	-2.57522	0.0275986	0.21821	-4.58275	0.39441	0.600636	-1.6649	2.75005	14.8745	4.80783	1
cg08440887	KIF6	0.0845466	0.915449	1.01703	1.01703	0.812324	0.962883	-1.03855	0.0708831	0.7255	-1.37836	0.183478	1.25159	1.25159	0.999893	0.999939	-1.00002	0.334567	1.17155	1.17155	0.00515659	1.79997	1.79997	0.791302	1.04308	1.04308	0.205439	1.23667	1.23667	2.75005	1.10136	0.35599	1
cg10173932	RIMBP2	0.0845468	0.131463	0.784858	-1.15769	0.094775	1.20473	1.20473	0.36224	0.6425681	-1.55625	0.532029	0.7416801	-1.34843	0.0657151	0.3770555	-2.65213	0.304137	0.604939	-1.65306	0.0159933	0.2639449	-3.78861	0.0251646	0.284342	-3.51688	0.0220368	0.273939	-3.65482	2.75005	9.7149	3.54012	1
cg27331738	SCARA5	0.0845483	0.984305	1.00259	1.00259	0.420906	0.897638	-1.11403	0.0127817	0.66617	-1.50112	0.822908	0.970989	-1.02988	0.0156795	0.677735	-1.4755	0.141223	0.812366	-1.23097	0.7121	1.04989	1.04989	0.133189	0.808352	-1.23708	0.331142	1.14075	1.14075	2.75002	0.75125	0.242826	1
cg18851071	FKBP14	0.0845513	0.00813755	0.610966	-1.6373	0.022799	0.74177	-1.34926	0.701365	0.9566064	-1.04595	0.51042	1.08108	1.08108	0.0516705	0.723202	-1.38255	0.46819	0.917411	-1.09024	0.647092	0.947592	-1.05571	0.759325	1.10651	1.10651	0.518915	1.07935	1.07935	2.74996	0.594007	0.192005	1
cg04101363	ZFHX3;ZFHX3	0.0845531	0.356385	0.691389	-1.44636	0.010516	0.285795	-3.49901	0.126456	0.526516	-1.90253	0.169861	0.566192	-1.76619	0.147829	0.546582	-1.82955	0.928283	1.03564	-1.03564	0.866155	2.03565	2.03565	0.087496	0.480041	-2.08315	0.746742	0.881562	-1.13435	2.74996	6.59209	2.13081	1
cg24948782	UTP18	0.0845533	0.1192933	0.773524	-1.29234	0.115151	0.565365	-1.77599	0.0534501	0.4373576	-2.28645	0.437356	0.8804606	-1.13569	0.0833378	0.8404458	-1.18972	0.626958	0.977772	-1.02305	0.915597	0.603818	-1.6544	0.449035	0.68009	-1.47044	0.0755299	0.603818	-1.6544	2.74996	4.1864	1.58272	1
cg18216674	DDAH2	0.0845543	0.411928	1.7115	1.7115	0.26474	2.1101	2.1101	0.217437	0.433944	-2.30442	0.393864	0.571458	-1.74991	0.985698	1.01151	1.01151	0.546219	1.676683	-1.4778	?	?	?	0.0564477	0.245157	-4.07901	0.00795996	0.104252	-9.59211	2.97143	16.6879	4.91411	1
cg24400183	ZNF563	0.0845564	0.00279242	0.213816	-4.67692	0.689258	1.16237	1.16237	0.818612	1.08979	1.08979	0.367888	0.70735	-1.41373	0.0904626	0.497425	-2.01035	0.71534	0.871876	-1.14695	0.251404	0.638544	-1.56606	0.388201	0.718164	-1.39244	0.457764	1.32718	1.32718	2.74992	6.10298	1.97274	1
cg20517242	GLTSD1;SPCS1;GLTSD1	0.0845603	0.0297609	0.700334	-1.4285	0.0526303	1.93925	1.93925	0.157192	1.3482	1.3482	0.540286	1.09029	1.09029	0.60284	1.07459	1.07459	0.852806	1.02622	1.02622	0.080758	1.90045	1.90045	0.124441	0.760973	1.0419	1.0419	0.471498	1.10752	1.10752	2.74986	0.846647	0.273677	1
cg14158583	PVRL4	0.0845631	0.17882	0.474835	-2.106	0.506815	0.703839	-1.42078	0.0609592	0.3324332	-3.00814	0.0563272	0.3240225	-3.08618	0.035725	0.279587	-3.5767	0.0424436	0.29565	-3.38237	0.0467469	0.3050343	-3.27823	0.017556	0.22157	-4.51324	0.376572	0.623302	-1.60509	2.74982	11.843	3.82827	1
cg20103907	MICB	0.0845635	0.2074	0.449607	-2.08679	0.1940615	0.607869	-1.64509	0.0870799	0.3353473	-2.84518	0.0663564	0.332651	3.00761	0.0185474	0.2655152	-3.76644	0.0819806	0.34262	-2.9045	0.0566384	0.2481181	-4.03048	0.0178114	0.24982	-4.00424	0.0146548	0.245824	-4.06911	2.74982	13.3336	4.51014	1
cg25816357	GOLT1B	0.0845654	0.237074	0.26204	2.06204	0.193075	0.74754	-1.82502	0.722239	1.23186	1.23186	0.132909	2.57856	2.57856	0.335194	1.78715	1.78715	0.0723485	0.308883	-3.22702	0.0098738	0.1988405	-5.02956	0.0159296	0.155296	-6.43966	0.0078247	0.140194	0.74981	2.74982	0.708247	0.141194	0.74981	0.708247	0.141194	2.74981	14.8652	4.80525	1
cg19277050	TCEB3	0.0845656	0.167495	0.25139	1.25139	0.980292	0.996242	-1.00377	0.167425	1.25144	1.25144	0.290996	1.18177	1.18177	0.139574	1.2742	1.2742	0.638812	1.07472	1.07472	0.498934	1.11029	1.11029	0.012395	0.622228	-1.60713	0.128197	0.778294	-1.28486	2.74978	1.01176	0.327058	1
cg05328762	RAB11B;RAB11B	0.0845667	0.467402	1.15912	1.15912	0.4853	0.630433	1.44613	0.313616	0.68739	-1.45393	0.307599	0.517878	-1.93107	0.440075	0.7287799	1.372216	1.15661	0.0183129	0.0013834	-10.961	0.0010053	0.232146	-4.30764	?	0.398385	2.059173	0.27282	2.97302	2.74978	13.3336	4.51014	1
cg23460057	ADRB3	0.0845681	0.0417777	0.439905	-2.27322	0.538676	1.34325	1.34325	0.532182	0.800137	-1.24785	0.390847	0.735151	-1.36027	0.228642	0.6426556	-1.55604	0.0693041	0.491091	-2.03628	0.00948491	0.316576	-3.15879	0.0612009	0.477969	-2.09219	0.0925605	0.523212	-1.91127	2.74976	5.33328	1.72404	1
cg00924494	KCNC4;KCNC4;KCNC4	0.0845718	0.387378	1.15741	1.15741	0.3040387	0.602302	-1.66089	0.0536001	0.5093389	-1.96351	0.753001	1.14197	1.14197	0.313234	1.31177	1.31177	0.0619684	0.813234	1.22963	1.32832	0.8144539	0.901621	1.10941	0.0483903	0.682334	1.46556	0.0744752	-1.33913	0.0483903	0.682334	1.46556	0.0744752	-1.33913	2.74976	4.6035	1.6738477	1
cg22227058	SLU7;SLU7	0.0845706	0.811901	1.20326	1.20326	0.471694	0.566525	-1.76515	0.00434009	0.0518952	-19.2696	?	?	?	0.503224	1.69434	1.69434	0.350403	1.01859	1.01859	?	?	?	0.444814	0.546303	-1.83049	0.680407	1.37916	1.37916	2.82378	20.9549	8.48102	1
cg06196324	TNFAIP8L1;TNFAIP8L1	0.0845709	0.0562269	0.719401	-1.39004	0.599454	0.922452	-1.08407	0.247614	0.831837	-1.20216	0.226436	0.824108	-1.21343	0.0224852	0.659444	-1.51643	0.185531	0.837276	-1.19451	0.119127	1.29385	1.29385	0.099285	1.31682	1.31682	0.926224	1.01421	1.01421	2.74972	1.02037	0.326617	1
cg02350474	FKBP14;PLEKHA8	0.0845731	0.827384	1.07006	1.07006	0.215151	0.565365	-1.77599	0.0534501	0.4373576	-2.28645	0.437356	0.8804606	-1.13569	0.0833378	0.8404458	-1.18972	0.626958	0.977772	-1.02305	0.915597	0.603818	-1.6544	0.449035	0.68009	-1.47044	0.0755299	0.603818	-1.6544	2.74969	1.19178	0.385264	1
cg08300298	BCL2L1;BCL2L1	0.0845739	0.634639	0.765532	-1.30628	0.0380956	1.82554	1.82554	0.0111988	5.89414	5.89414	0.158057	2.32175	2.32175	0.628968	0.7625066	1.31224	0.555094	1.39536	1.39536	0.898955	0.9315553	-1.07348	0.0263636	4.34861	4.34861	0.584925	1.36048	1.36048	2.74968	13.5653	4.38526	1
cg04421144	CHRNA2;CHRNA2	0.0845744	0.1179064	0.448111	-2.23145	0.2626393	0.618238	1.04828	0.515898	0.75481	-1.32484	0.515778	0.7527771	-1.32843	0.0944054	0.5194495	-1.92484	0.0656227	0.454972	-2.19772	0.0415876	0.4227852	-2.36621	0.0354722	0.593589	-1.68467	0.0396407	0.508897	-1.96483	2.74968	0.80897	0.241493	1
cg13590062	SHB	0.0845759	0.0571323	1.55484	1.55484	0.242312	1.28525	1.28525	0.345828	0.8204183	-1.21887	0.283651	1.25663	1.25663	0.969072	1.00798	1.00798	0.0285984	0.69833	1.69833	0.25227	1.27794	1.27794	0.0096549	1.98635	1.98635	0.414063	1.18676	1.18676	2.74965	1.83148	0.59207	1
cg18555411	MLXIP	0.0845767	0.911506	0.979328	-1.02111	0.128522	0.734425	-1.36161	0.138016	0.74077	-1.34995	0.170336	0.760058	-1.31569	0.382129	0.84501	-1.18342	0.959976	0.990615	-1.00947	0.0079347	1.89574	1.89574	0.413626	0.85468	-1.17003	0.238817	0.793112	-1.26286	2.74964	1.53729	0.496966	1
cg21249366	LMX1B	0.0845776	0.130043	1.14607	1.14607	0.2776	0.734425	-1.36161	0.138016	0.74077	-1.34995	0.170336	0.760058	-1.31569	0.404772	0.8501	-1.17635	0.0104823	0.467057	-2.14077	0.0015444	0.3134602	-3.19042	0.0015444	0.167858	1.60978	0.0078078	1.113598	0.577479	-1.74679	0.402315	0.775583	-1.31999	0.107155	0.565732	-1.76762	0.476063	0.456878	2.74948	0.7108	0.258	1
cg04611073	RAI14;RAI14;RAI14;RAI14;RAI14;RAI14	0.0845782	0.0204441	0.241947	-4.13313	0.618707	0.775019	-1.29029	0.291777	0.271014	-3.68985	0.135262	0.441371	-2.26567	0.0434568	0.307399	3.2531	0.982792	0.989104	-1.01102	0.0034385	0.274417	-3.64049	0.0199053	0.220496	-4.53596	0.0764099	0.36739	-2.7219	2.74962	11.2373	3.63276	1
cg08123701	DAB1	0.0845789	0.0467552	0.322281	-3.10288	0.0276043	0.273761	-3.65283	0.0297909	0.280325	-3.56728	0.492058	0.706772	-1.41488	0.0385086	0.303528	-3.29459	0.306847	0.590881	-1.69239	0.0193723	0.245056	-4.0807	0.316092	0.597199	-1.67448	0.278669	0.571085	-1.75105	2.74961	10.7719	3.48231	1
cg11931158	PHF14;PHF14;PHF14;PHF14	0.0845801	0.203417	1.44141	1.44141	0.725454	0.923639	-1.08267	0.103973	0.633996	1.63896	1.63896	0.017934	0.450105	2.22115	0.0753716	1.73905	0.907549	0.968277	-1.03274	0.0862201	1.69218	1.69218	0.074329	0.930919	0.936652	-1.06775	0.074951	0.759559	1.31634	1.6804	1
cg04170468	WDR11;WDR11	0.0845822	0.833361	0.16497	1.06497	0.92541	0.799715	-1.25045	0.732328	0.6268316	-1.18537	0.2026521	0.452993	2.20754	0.156669	0.639959	-1.57243	0.904638	1.03646	-1.03646	0.0319172	0.4718227	-2.11942	0.221416	1.46816	1.46816	0.0797666	1.78765	1.78765	2.74957	3.88709	1.25663	1
cg24803614	FTH1;CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2;S	0.0845833	0.258226	0.718484	-1.39182	0.0446291	0.345475	-2.89456	0.903376	0.966538	-1.03462	0.556369	0.846425	-1.18144	0.110886	0.614606	-1.62706	0.056608	0.546204	-1.83082	0.473925	0.815378	-1.22642	0.183723	0.673514	-1.48475	0.336366	1.32022	1.32022	2.74955	3.42006	1.10566	1
cg16045499	PAG7	0.0845873	0.47683	0.635601	-1.57331	0.249661	2.12567	2.12567	0.0308089	0.92528	0.92528	0.116256	0.91354	0.91354	0.275599	0.491363	-2.03515	0.484205	1.56109	1.56109	0.270382	0.487251	-2.05233	0.0168397	0.621016	0.21011	0.993944	0.995256	-1.00477	2.7495	17.0917	5.52559	1
cg24071777	GLG4P4	0.0845913	0.0254415	2.605972	2.605972	0.2272834	2.84018	2.84018	0.0377655	1.43584	1.43584	0.197228	1.72419	1.72419	0.138668	1.89083	1.89083	0.0479553	2.47348	2.47348	0.0662569	0.2629646	-1.58819	0.108702	0.3425	0.3425	0.0672654	0.2693	0.269358	2.74945	6.04514	2.24826	1
cg23087239	ABCG1	0.0845917	0.1887	0.672227	-1.48748	0.875539	0.956292	-1.04571	0.2857175	0.728675	-1.37235	0.936614	1.02294	1.02294	0.142609	0.622461	-1.60653	0.393598	1.16587	1.16587	0.00867403	0.26581	2.59581	-2.307607	0.6884623	-1.46066	0.158353	0.650505	-1.54372	2.74944	3.54026	1.14456	1
cg07148407	NAPEPLD;NAPEPLD	0.0845924	0.252215	2.02096	2.02096	0.72168	0.810258	-1.23418	0.178732	0.43156	-2.31718	0.488705	1.51249	1.51249	0.746246	0.813344	-1.22949	0.755271	1.20193	1.20193	0.0762251	1.18519	1.18519	0.307602	0.84784	0.753228	0.0711391	3.27326	3.27326	2.74943	15.0679	4.87144	1
cg00404585	SLC45A1	0.0845933	0.885969	0.89066	-1.12304	0.6407	0.815662	-1.22652	0.682452	0.828505	1.20752	0.783552	1.1454	1.1454	0.737638	1.16684	1.16684	0.689826	0.863694	1.15756	0.915916	0.688304	1.45253	0.719466	0.933289	1.07146	0.3383365	0.405527	-2.46593	0.17051	1.73134	1.73134	0.0949001	0.501477	-1.99411	2.74939	4.39376	1.60115	1.99095	1
cg01459052	CCDC12	0.0845948	0.118049	0.528223	-1.89314	0.842453	0.927895	-1.07771	0.915939	1.0405	1.0405	0.601931	0.820438	-1.21886	0.0291302	0.380253	-2.62983	0.0436445	0.418003	-2.39233	0.0383365	0.4605527	-2.46593	0.17051	1.73134	1.73134	0.0949001	0.501477	-1.99411	0.95439	0.15815	1.99095	1
cg00944656	SDBP	0.0845959	0.292193	0.820932	-1.21863	0.199846	1.27768	1.27768	0.00077106	0.80606	1.80606	0.814772	0.958429	-1.04337	0.6824407	1.07781	1.07781	0.0425618	1.52574	1.52574	0.196202	0.6561726	-1.52374	0.196202	1.17844	1.17844	0.314749	0.779497	-1.28333	0.297725	1.21569	1.21569	2.74938	1.43242	0.468846	1
cg10790704	RPTOR;RPTOR	0.0845962	0.908319	0.967546	-1.03354	0.594008	0.857201	-1.16659	0.0315659	0.485787	-2.05852	0.402343	0.782349	-1.2782	0.777345	0.9222015	1.08458	0.645251	0.875675	-1.14198	0.26419	1.39558	1.39558	0.0183813	2.63866	2.63866	0.510822	1.26121	-1.21048	2.74938	1.57147	0.51468	1
cg11050791	NCOR2;NCOR2	0.0845963	0.283193	1.78476	1.78476	0.1995517	4.30282	4.30282	0.0930178	2.61181	2.61181	0.92522	1.04998	1.04998	0.147496	0.44601	-2.2421	0.164226	2.16209	2.16209	0.0566916	3.0668	3.0668	0.243544	1.88499	1.88499	0.287341	0.563304	-1.77524	2.74937	11.7526	3.79967	1
cg26130394	ZNF710	0.0845969	0.0143097	0.4444	-2.24999	0.3183972	0.585919	-1.70672	0.2004811	0.382007	-2.76238	0.193825	0.462636	-2.16192	0.0553475	0.3534771	-2.82938	0.314225	0.557915	-1.79229	0.3894857	0.6098448	-1.63975	0.0354627	0.2513588	-3.97762	0.1202585	0.366948	-2.72519	2.74933	1.42556	0.43266	1
cg04376644	SACM1L	0.0845999	0.246456	1.60491	1.60491	0.0947942	0.485649	-2.0591	0.570121	0.97249	1.24949	0.937879	0.970236	-1.03068	0.74158	1.13695	1.13695	0.262341	0.633842	-1.57768	0.0256842	0.287409	2.87409	0.212635	1.67017	1.67017	0.0221881	2.9863	2.9863	2.93887	6.84683	1.81203	1
cg09509410	LIRS5	0.0846004	0.0414165	0.555126	-1.8024	0.3824	0.911845	-1.09668	0.454569	0.7491	-1.33495	0.4568	0.745689	1.34157	0.0677257	0.9576	1.04407	0.0939345	0.610517	-1.63855	0.0416263	0.4009353	-2.49417	0.0199211	0.95207	1.05021	0.7915657	0.9609	1.04079	2.74933	0.77009	0.25512	1
cg06291211	CBLB	0.0846006	0.692401	-1.94458	-1.05866	1.082981	1.27072	1.27072	0.500352	1.10305	1.10305	0.625586	1.07305	1.07305	0.0135228	1.42034	1.42034	0.993345	1.01097	1.01097	0.0184571	0.663795	-1.50649	0.383763	0.879813	-1.1366	0.12492	1.2689	1.2689	2.74932	0.895051	0.289381	1
cg13759674	GRIN1;GRIN1 C6orf25;C6orf25;C6orf25;C6orf25;C6or	0.0846019	0.0915186	0.35358	1.35358	0.245722	0.10219	0.10219	0.04917	0.23372	0.23372	0.144105	0.26686	0.26686	0.774765	0.572215	-1.73246	0.0960056	0.31662	0.31662	0.0094613	0.41388	0.541388	0.025683	0.160115	0.160115	0.0755208	0.44248	0.44248	0.27493	159.757	51.6517	1
cg19127747	?25;C6orf25	0.0846035	0.153466	0.420469	-2.3783	0.13627	0.402543	-2.48421	0.038399	0.256685	-3.89583	0.0592345	0.299009	-3.34439	0.0882247	0.34426	-2.90478	0.351368	0.580605	-1.72234	0.00811654	0.146427	-6.82932	0.0621637	0.304139	-3.28797	0.138468	0.404901	-2.46974	2.74928	13.9912	4.52361	1
cg19327197	VPS41;VPS41	0.0846048	0.0943393	0.6489	-1.54123	0.586782	0.683779	-1.46246	0.0997553	0.6687278	0.9036553	-1.10662	0.0122308	1.1068772	0.0118325	0.8548833	-1.16955	0.140915	0.339315	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(121T vs. 217 vs. N)	p-value(1347T vs. N)	p-value(1347T vs. 1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537T vs. N)	Fold-Change(1537T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 63T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26401870	NPAS2;NPAS2	0.0847171	0.0459303	22.8226	22.8226	1.17285	7.26621	7.26621	0.0867909	11.8767	11.8767	0.0502307	12.604	12.604	0.0550698	19.564	19.564	0.0764994	14.7898	14.7898	0.0192715	47.951	47.951	0.0232328	40.8124	40.8124	0.2348892	5.48583	2.74774	81.3406	26.3135	1
cg08317891	AATK	0.0847192	0.1580661	2.16002	2.16002	0.532119	1.38116	1.38116	0.607311	0.767577	-1.3028	0.0818957	2.67445	2.67445	0.0617378	2.92608	2.92608	0.1720216	2.09982	2.09982	0.010438	5.18231	5.18231	0.0627684	2.91074	2.91074	0.0537928	3.05673	3.05673	2.747721	11.3315	3.66574	1
cg01610488	TRPA1	0.0847193	0.2194656	0.724047	-1.38113	0.973816	0.991827	-1.00824	0.612957	1.13604	1.13604	0.716122	0.912726	-1.09562	0.449206	0.824623	-1.21268	0.3050777	1.30417	1.30417	0.0166299	0.4813088	-2.07767	0.0164548	2.08118	2.08118	0.91066	1.02846	1.02846	2.747721	2.72096	0.8802351	1
cg26913773	LOC113466	0.0847213	0.0113627	1.10017	1.10017	0.996147	1.002097	1.00209	0.344382	0.547488	-1.82652	0.3917127	0.581133	-1.72078	0.27271	2.02609	2.02609	0.126599	2.77906	2.77906	0.2292	0.4581981	-2.18246	0.223904	0.45373	-2.20405	0.1466083	2.62514	2.62514	2.747721	16.6485	5.38583	1
cg26438901	BAZ2A	0.0847201	0.501431	1.08697	1.08697	0.126444	0.817033	-1.22394	0.842481	0.975975	-1.02462	0.115922	1.23226	1.23226	0.254662	1.15647	1.15647	0.0671629	0.778206	-1.28501	0.0841062	1.26313	1.26313	0.513223	0.922152	-1.08442	0.0475879	0.758104	-1.31908	2.7477	0.6501114	0.2103314	1
cg02779913	TTC25	0.0847201	0.0632771	0.292534	-3.41794	0.221405	0.469396	-2.1304	0.0207254	0.221913	-4.50627	0.0749482	0.311308	-3.21226	0.960105	0.970985	-1.02987	0.2046031	0.454915	-2.19821	0.0227774	0.2001164	-4.97108	0.748242	1.20862	1.20862	0.0318562	0.227626	-4.39317	2.7477	15.067	4.87421	1
cg02710296	C1orf14	0.0847218	0.102298	5.47632	5.47632	0.0539726	8.08013	8.08013	0.140119	4.52485	4.52485	0.342625	2.53411	2.53411	0.23506	3.26512	3.26512	0.1851156	3.80529	3.80529	0.103086	0.1834449	-5.45111	0.0377053	9.89799	9.89799	0.0496985	8.40797	8.40797	2.747688	39.3592	12.7329	1
cg03938525	RASGRF1;RASGRF1;RASGRF1	0.0847239	0.0670009	3.497304	-4.04721	0.0213811	0.205608	-4.8656	0.0332153	0.209866	-3.4053	0.264612	0.453064	-2.2073	0.0245475	0.163415	-6.11917	0.0954124	3.287241	-3.4814	0.0194394	0.176913	-5.71696	0.0491422	0.234824	-4.65498	0.0799551	0.265837	-3.76171	2.7477	20.1774	6.52756	1
cg20738406	WDR93;PEX11A;PEX11A	0.0847262	0.926871	1.01315	1.01315	0.763768	1.04382	1.04382	0.518453	0.59759	-1.09759	0.89896	0.982089	-1.01824	0.933747	0.933289	0.709072	-1.41029	0.429299	1.12164	1.12164	0.0619926	0.601836	-1.66158	0.818405	0.96781	-1.03326	1.220571	1.22071	2.747622	0.8808855	0.2849668	1
cg08220261	TAF2	0.0847272	0.170615	1.24779	1.24779	0.0902417	0.753336	-1.32743	0.634829	0.929986	-1.07529	0.0711417	1.35773	1.35773	0.0944687	1.32164	1.32164	0.0428018	1.42437	1.42437	0.184075	0.80753	-1.23834	0.810459	0.964205	-1.03712	0.446963	0.889056	-1.12479	2.74761	1.00158	0.3240125	1
cg15277319	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0847277	0.756082	1.10671	1.10671	0.0736664	0.550028	-1.81809	0.610754	0.906644	-1.10307	0.0917602	0.867176	1.15317	0.0617468	0.916397	1.14059	0.557226	0.836072	-1.19578	0.0548165	0.539989	-1.85212	0.912561	1.03348	0.540268	0.830384	-1.20426	2.7476	3.9169	1.26523	1
cg04372535	AP2A2	0.0847284	0.919969	0.956806	-1.04514	0.0380771	0.8578	1.07458	0.204011	0.542779	5.42778	0.5482	1.31081	1.31081	0.176431	0.73733	-1.39406	0.913029	1.04917	1.04917	0.466802	0.7222282	-1.3845	0.414652	1.44247	1.44247	0.801549	0.895252	-1.117	2.74759	8.39997	2.71753	1
cg13779642	NRM	0.0847289	0.306352	1.13079	1.13079	0.402475	0.905693	-1.04413	0.373224	0.889158	-1.11199	0.901075	0.98567	-1.01454	0.132352	1.20743	1.20743	0.0042869	0.641873	-1.55704	0.955685	0.895592	-1.11658	0.390359	0.880414	-1.13583	0.73447	1.04031	1.04031	2.747558	0.5362209	0.189648	1
cg20792376	EMX2OS	0.0847289	0.0309796	0.0942059	-10.6121	0.240116	0.317532	-3.14929	0.162174	0.248582	-4.02282	0.173881	0.259431	-3.85489	0.0257936	0.0846601	-11.8119	0.1058471	0.192516	-5.19437	0.0112773	0.0158028	-19.304	0.233344	0.311778	-3.20741	0.0737972	0.155861	-6.41596	2.7458	37.8551	12.2468	1
cg26854559	SUT2	0.0847307	0.431224	0.834264	-1.19866	0.0999388	0.665891	-1.50175	0.584833	0.882987	-1.13252	0.993173	0.998072	-1.00193	0.0033047	0.406326	-2.46108	0.216933	0.74599	-1.3405	0.13898	0.698215	-1.43222	0.283881	1.28547	1.28547	0.624606	0.894722	-1.11767	2.74756	2.214	0.716272	1
cg20566645	LGI2	0.0847309	0.54065	1.08667	1.08667	0.0830744	0.727294	-1.37576	0.319824	0.626148	-1.59694	0.46163	0.680218	-1.47049	0.24744	0.729707	1.18482	1.04814	0.154732	0.203199	-4.95227	0.157027	0.452564	-2.20963	0.0154253	0.210756	-4.74482	0.123157	0.414858	-2.41046	0.964036	0.976657	-1.0239	2.74746	1.13408	0.3632121	1
cg08039580	IQCE;IQCE	0.0847385	0.88192	0.96007	-1.04159	0.256828	0.722912	-1.38329	0.405049	0.791707	-1.26309	0.730092	0.909418	-1.0996	0.00183257	0.297119	-3.36566	0.972571	0.990618	-1.00947	0.62896	0.87504	-1.14281	0.196267	0.687547	-1.45445	0.100904	0.61105	-1.63653	2.74745	3.27067	1.05817	1
cg02909572	CH3L2;CH3L2 DMKN;DMKN;DMKN;DMKN;DM	0.0847393	0.4710271	1.22282	1.22282	0.164224	1.20841	1.20841	0.863694	1.0638	1.0638	0.813614	1.09252	1.09252	0.0885769	0.847273	-1.18018	0.5573416	1.23758	1.23758	0.094075	0.5056166	-1.99338	0.317949	0.573404	-1.74375	0.0447073	0.426788	-2.34308	2.74744	6.10845	1.97629	1
cg19038454	KN	0.0847394	0.0375697	0.488505	-2.04706	0.121723	1.64568	1.64568	0.493023	0.813242	-1.22965	0.369721	0.760682	-1.31461	0.0844089	0.368397	-2.71446	0.270965	0.711538	-1.40541	0.144352	0.633045	-1.58467	0.769025	0.916275	-1.09137	0.306044	0.730016	-1.36983	2.74744	3.83675	1.24132	1
cg16744320	THOP1	0.0847398	0.509867	0.806247	-1.24031	0.858989	1.05896	1.05896	0.302713	0.708977	-1.41048	0.612532	1.17884	1.17884	0.05431	0.494857	-2.02079	0.00520698	0.304903	-3.27973	0.883432	0.953836	-1.0484	0.55432	0.824742	-1.2125	0.0359158	0.455551	-2.19514	2.74743	4.51585	1.46103	1
cg05107632	ORAOV1	0.0847412	0.461548	0.882825	-1.13273	0.188338	0.793137	-1.26082	0.325959	1.18368	1.18368	0.153138	1.28963	1.28963	0.194539	0.975735	-1.04435	0.375111	1.16341	1.16341	0.0166861	1.62559	1.62559	0.78405	1.04673	1.04673	0.0389627	0.672082	-1.48791	2.74741	1.2029	0.389183	1
cg12977146	KLHL22	0.0847448	0.0378351	1.48564	1.48564	0.0838645	1.655277	-1.52407	0.801848	0.955835	-1.04653	0.266184	0.87862	-1.13838	0.422929	1.27862	1.27862	0.1129726	1.18922	1.18922	0.0780204	0.84005	-1.19048	0.729189	1.1565	1.1565	0.0146014	0.864705	-1.15656	2.74741	0.90123	0.2617004	0.3338489	1
cg12176904	SLC45A3	0.0847453	0.8067011	0.936175	-1.06818	0.507111	0.834384	-1.19849	0.00174434	0.300969	-3.3226	0.368198	0.779843	-1.28231	0.668988	0.890736	-1.12267	0.3268491	0.761609	-1.31301	0.439213	1.23646	1.23646	0.750596	0.917786	-1.08958	0.201597	0.695728	-1.43734	2.74736	3.14934	1.01805	1
cg11351746	CHST8;CHST8;CHST8	0.0847455	0.538893	0.877376	-1.13976	0.190496	0.2444	2.5844	0.102674	0.168036	5.95739	0.0713344	0.16795	5.95739	0.0713344	0.168036	5.95739	0.2212	4.52212	0.30762	3.25121	0.1772373	0.069437	14.4013	0.0067575	0.148102	0.0975135	10.2564	0.0429714	3.19863	0.7423	10.4337	3.57707	1
cg08291024	LMX1A	0.0847503	0.043601	0.6437	5.6437	0.544606	0.175594	1.57994	0.0267415	0.7832	0.7832	0.824669	1.17999	1.17999	0.678209	0.732558	1.36508	0.8367792	-1.19504	0.0749662	13.0307	13.0307	0.452809	1.7691	1.7691	0.74729	24.2075	7.83237	1
cg02287362	ARSG;SLC16A6	0.0847504	0.4629863	0.84805	-1.17918	0.356765	0.811314	-1.23257	0.611144	0.893043	-1.11977	0.0679519	1.5699	1.5699	0.519238	1.15505	1.15505	0.0134245	0.508964	-1.96478	0.0281201	0.56434	-1.77198	0.965233	0.99043	-1.00966	0.559524	0.877934	-1.13904	2.74729	2.11768	0.685178	1
cg03688799	CDX1B	0.0847514	0.5023631	0.8778	-1.13935	0.190496	0.2444	2.5844	0.102674	0.168036	5.95739	0.0713344	0.16795	5.95739	0.0713344	0.168036	5.95739	0.2212	4.52212	0.30762	3.25121	0.1772373	0.069437	14.4013	0.0067575	0.148102	0.0975135	10.2564	0.0429714	3.19863	0.7423	10.4337	3.57707	1
cg14327541	RMI1	0.0847524	0.906836	0.934531	-1.07006	0.860947	1.10672	1.10672	0.754116	0.833832	-1.19988	0.736881	1.17859	1.17859	0.50266	0.676393	-1.47843	0.24328	0.493541	-2.02617	0.00292571	0.0940254	-10.6354	0.345995	0.570466	-1.75295	0.0359164	0.243767	-4.10228	2.74726	14.5541	4.70904	1
cg02030369	HSFNT;HSFNT	0.0847559	0.0867114	0.610987	-1.63668	0.0998256	0.1587	-6.30151	0.176534	0.223138	-4.48316	0.0944645	0.177337	-5.63877	0.0244259	0.110319	-9.06752	0.1202023	0.429222	-2.32966	0.0318097	0.0100407	-99.5556	0.127897	0.274118	-3.64807	0.0225754	0.167791	-5.96126	2.74725	2.71884	0.9722	1
cg08912058	GPR153	0.0847567	0.0114309	0.606267	-1.64944	0.574071	0.914122	-1.09395	0.514186	1.1026	1.1026	0.92804	1.01438	1.01438	0.597981	0.919309	-1.08777	0.236793	1.2165	1.2165	0.0223394	1.54162	1.54162	0.379355	0.867112	-1.15325	0.985204	1.00294	1.00294	2.74721	1.08765	0.351923	1
cg18605230	MPST;MPST;MPST;MPST	0.0847574	0.111952	1.38631	1.38638	0.22047	0.784159	-1.27525	0.0121485	0.554345	-1.80394	0.114498	0.732251	-1.38265	0.145788	0.744709	-1.34281	0.0965443	0.708667	-1.41111	0.837899	1.03942	1.03942	0.430392	0.859062	-1.16406	0.132022	0.735777	-1.35911	2.7472	1.55002	0.501527	1
cg24347838	CCDC30	0.0847601	0.59947	1.07004	1.07004	0.0402481	0.232545	-4.22245	0.0122465	0.187029	-5.37016	0.0564258	0.16828	-5.94078	0.0148536	0.485436	-2.05961	0.0962218	0.684908	-1.46002	0.0650204	0.15832	-6.31582	0.0329496	0.108403	-9.22478	0.0048952	0.157232	1.37636	1.37636	2.74716	4.9522	1.60237	1
cg16640446	SKAP;LSKAP1	0.0847626	0.0215262	4.64702	4.64702	0.27712	1.8756	1.8756	0.26198	1.91712	1.91712	0.92838	1.05687	1.05687	0.289856	0.54267	-1.84274	0.443459	0.647425	-1.54458	0.788365	0.8609631	-1.16149	0.0792432	2.95689	2.95689	0.0374961	0.49883	4.99883	2.74713	13.47	4.3585	1
cg08039851	TNNC1B	0.0847635	0.133838	0.232527	-4.30057	0.0499556	0.425444	-2.35031	0.0576764	0.0996378	-10.0373	0.0199378	0.162927	-6.13709	0.0309398	0.102869	-9.72403	0.0188358	0.144818	-6.90525	0.0134882	0.0228483	-43.7602	0.0223888	0.0810928	-12.3311	0.0043744	0.0659807	0.455359	-2.19557	2.74711	35.3105	12.4255	1
cg13613634	ITGB6	0.0847676	0.942531	0.971177	-1.02968	0.583024	0.798591	-1.2522	0.0762477	0.49225	-2.22593	0.126355	0.511265	-1.95593	0.0223908	0.354664	-2.81957	0.714768	0.861659	-1.16055	0.0150391	2.0975	2.0975	0.265664	0.434113	0.130355	0.247006	0.75266	-1.32896	2.74711	0.43944	0.1438	1
cg02042627	NTRK1;INSR	0.0847679	0.0443926	8.58061	8.58061	0.0953968	5.50543	5.50543	0.239981	1.14369	1.14369	0.130355	4.57669	4.57669	0.293541	2.75758	2.75758	0.142199	4.34433	4.34433	0.00710476	25.4711	25.4711	0.148541	4.23164	4.23164	0.0318392	10.3917	10.3917	2.74705	37.7068	12.2011	1
cg07151400	PKM2;PKM2;PKM2	0.0847709	0.0441142	1.72945	1.72945	0.0778404	0.835385	1.19705	0.774944	1.04346	1.04346	0.244513	0.846216	1.18173	0.0309398	0.102869	-9.72403	0.0188358	0.144818	-6.90525	0.0134882	0.0228483	-43.7602	0.0223888	0.0810928	-12.3311	0.0043744	0.0659807	0.455359	-2.19557	2.74705	35.3105	12.4255	1
cg27437966	FAM155B	0.0847723	0.151013	0.612255	-1.63331	0.299185	0.709611	-1.40922	0.76887	0.909564	-1.09943	0.793528	1.08722	1.08722	0.0603153	0.318638	-3.13836	0.742038	1.11105	1.11105	0.146056	1.64322	1.64322	0.0970924	0.559958	-1.787	0.605654	1.18062	1.18062	2.747	0.42194	0.14088	1
cg22827250	PITX1	0.0847726	0.696956	1.47293	1.47293	0.0858975	0.78497	1.28497	0.0078057	0.244758	4.08544	0.0478	0.244758	4.08544	0.0478	0.326559	3.06293	0.2442994	4.09384	0.244299	0.0044	3.064953	3.064953	0.228496	0.4376	2.286	0.0239	41.8421	0.0239	2.28602	0.4717383	0.2063	4.84707	0.2063	1
cg25937028	DPH1	0.0847729	0.694358	1.05083	1.05083	0.452966	1.10074	1.10074	0.205761	0.845694	-1.18246	0.179525	1.19655	1.19655	0.118907	1.23675	1.23675	0.524483	0.922219	-1.08434	0.0671161	0.7728884	-1.29386	0.0183858	1.43209	1.43209	0.208894	1.18093	1.18093	2.74699	0.685717	0.221889	1
cg10599151	GLI2	0.0847737	0.0625614	0.497394	-2.05089	0.0891144	0.515359	-1.94056	0.0516786	0.101812	-9.82201	0.0575824	0.178173	-5.61398	0.0180824	0.108154	-9.24835	0.0768004	-1.29888	0.770135	0.0466813	2.14201	2.14201	0.154267	0.907166	-1.10218	0.674958	0.0828474	0.118214	-8.45353	2.74698	5.11002	1.661914	1
cg12479021	ZNF224	0.0847776	0.485406	0.874607	-1.14351	0.0384176	0.172362	1.72362	0.133451	0.326105	3.06541	0.0261059	0.607194	-1.64692	0.805764	0.954505	-1.04766	0.592585	0.903715	-1.10654	0.985095	1.00318	1.00318	0.973129	0.99731	-1.00273	0.984447	1.08447	1.08447	2.74694	0.0403	0.502872	1
cg00191052	CHST7	0.0847773	0.189799	0.541166	-1.84786	0.168491	0.522672	-1.91325	0.28813	0.614103	-1.62839	0.588122	0.785248	-1.27348	0.00892851	0.229754	-4.35248	0.0221293	0.297295	-3.36366	0.46351	1.39086	1.39086	0.209071	0.556867	-1.79576	0.0722713	0.411924	-2.42763	2.74693	8.50478	2.7521	1
cg13675837	DGKE	0.0847781	0.043684	0.497394	-2.01089	0.0891144	0.515359	-1.94056	0.0516786	0.101812	-9.82201	0.0575824	0.178173	-5.61398	0.0180824	0.108154	-9.24835	0.0768004	-1.29888	0.770135	0.0466813	2.14201	2.14201	0.154267	0.907166	-1.10218	0.674958	0.0828474	0.118214	-8.45353	2.74693	5.11002	1.661914	1
cg04254347	DHB;IDH3B;IDH3B	0.0847786	0.237867	1.98036	1.98036	0.0231725	2.4823	2.4823	0.167123	2.25666	2.25666	0.624276	1.31365	1.31365	0.513456	0.693345	-1.44228	0.575328	0.731401	-1.36724	0.119885	2.54075	2.54075	0.0190859	4.79597	4.79597	0.0448007	3.57096	3.57096	2.74691	13.2863	4.29939	1
cg04262465	DUSP7	0.0847795	0.168633	0.909201	-1.10007	0.540648	1.08148	1.08148	0.101318	0.833249	1.01444	1.01444	0.448603	1.0539	1.0539	0.809099	-1.23609	0.0741419	1.1032	1.1032	0.0090182	1.016569	1.016569	0.946205	0.837525	-1.19403	0.0497654	1.14419	1.14419	2.74691	0.15648	0.0562409	0.1634695	1
cg07234404	LYSMD4	0.0847804	0.142387	0.36281	2.75577	0.0806785	0.931343	-1.07372	0.333944	0.524223	-1.90758	0.732222	0.837134	-1.19455	0.0187578	0.220802	4.52877	0.0618483	0.863743	-1.15763	0.369863	0.8188994	1.2063249	0.4346	0.213624	0.507735	-1.96953	0.622862	1.29248	2.74689	1.61543	0.377131	1
cg26146455	PXDN	0.0847835	0.696608	0.934811	-1.06973	0.202495	0.793353	-1.26047	0.153868	0.769008	-1.30038	0.501018	0.88914	-1.12468	0.098132	1.36632	1.36632	0.165447	1.28983	1.28983	0.00939756	1.76208	1.76208	0.724708	0.940982	-1.06272	0.889796	1.02414	1.02414	2.74684	1.28762	0.416677	1
cg20349291	LMX1A	0.0847838	0.609464	1.17443	1.17443	0.0918898	0.744966	-1.34228	0.821	0.991142	1.1012	1.1012	0.904702	1.02546	0.516448	0.754252	1.32484	0.573214	1.15176	1.15176	0.5108	0.8464457	-1.1814	0.959861	0.91286	1.01286	0.0583105	1.702031	1.70203	2.74682	0.0001	0.0000	1
cg26309134	ZNF542;ZNF542;ZNF542;ZNF542	0.0847854	0.315166	1.14477	1.14477	0.0139796	1.48457	1.48457	0.0115337	1.50873	1.50873	0.598701	0.933205	-1.07158	0.178329	1.20461	1.20461	0.916322	0.986412	-1.01378	0.702878	1.05115	1.05115	0.113897	1.25094	1.25094	0.111562	1.25308	1.25308	2.74682	0.73719	0.23856	1
cg18831738	CCDC80A	0.0847871	?	?	?	?	0.1081	0.1081	0.0109554	0.101812	-9.82201	0.756178	1.23983	1.23983	?	?	?	0.7831137	-1.27692	?	?	?	0.724315	0.724315	0.133835	1.33835	?	?	?	1.33835	?	2.74674	0.2174	0.31515	0.73914	1
cg16262756	TPM3;TPM3;TPM3;TPM3;TPM3	0.0847889	0.0550202	0.555019	-1.80174	0.405934	0.794466	-1.25871	0.0190841	0.21584	0.215484	0.769909	0.923699	-1.0826	0.344719	0.719424	1.39	0.418728	0.796937	-1.25057	0.0774841	0.587978	-1.70074	0.267095	1.36735	1.36735	0.332084	0.762782	-1.31099	2.74677	1.3857	1.03093	1
cg04954411	FBL	0.0847891	0.00742991	0.162603	-6.14993	0.836147	0.896635	-1.11528	0.948202	1.03482	1.03482	0.0380368	0.281678	-3.55015	0.403116	0.637448	-1.56949	0.507889	1.4246	1.4246	0.243536	0.525788	-1.90191	0.0687058	0.341839	-2.92535	0.0919203	0.176256	-2.65776	2.74677	12.0742	3.90736	1
cg04549208	TRIM15	0.0847924	0.107358	0.722205	-1.38455	0.0998256	0.1587	-6.30151	0.176534	0.223138	-4.48316	0.0944645	0.177337	-5.63877	0.0244259	0.110319	-9.06752	0.1202023	0.429222	-2.32966	0.0318097	0.0100407	-99.5556	0.127897	0.274118	-3.64807	0.0225754	0.167791	-5.96126	2.74677	2.71884	0.9722	1
cg17126555	RAVER1;ICAM3	0.0847925	0.0858581	2.11767	2.11767	0.594748	0.808782	-1.23643	0.0863243	0.114483	2.11483	0.0221481	0.295714	2.95714	0.162533	1.8028	1.8028	0.749291	1.15311	1.13511	0.208219	1.69353	1.69353	0.0959905	2.0598	2.0598	0.0133096	3.16104	3.16104	2.74672	6.79664	2.19952	1
cg17583946	LOC100132215	0.0847926	0.1617606	0.861352	-1.16122	0.0736664	0.550028	-1.81809	0.610754	0.906644	-1.10307	0.0917602	0.867176	1.15317	0.0617468	0.916397	1.14059	0.557226	0.836072	-1.19578	0.0548165	0.539989	-1.85212	0.912561	1.03348	0.540268	0.830384	-1.20426	2.7476	3.9169	1.26523	1
cg17730530	CASC3	0.0847937	0.759179	1.2173	1.2173	0.00234537	0.0568515	-17.5897	0.899304	0.922261	-1.08429	0.345838	1.86519	1.86519	0.857194	1.12205	1.12205	0.636347	1.35631	1.35631	0.985157	1.01196	1.01196	0.284184	0.4890339	-2.04483	0.982355	1.01424	1.01424	2.74672	0.93548	0.2849	1
cg16728516	MRPL20	0.0847948	0.238549	1.64364	1.64364	0.35213	0.680155	-1.47025	0.537536	1.28569	1.28569	0.484244	0.751157	-1.33128	0.138061	0.526415	-1.89964	0.0058128	0.233614	-4.28057	0.165063	1.81503	1.81503	0.585917	1.24786	1.24786	0.906912	0.954004	-1.04821	2.74669	7.04871	2.28112	1
cg20928986	SP110;SP110;SP110	0.0847949	0.25548	0.684676	-1.46026	0.418288	0.946906	-1.05596	0.822	0.991142	1.1012	1.1012	0.904702	1.02546	0.516448	0.754252	1.32484	0.573214	1.15176	1.15176	0.5108	0.8464457	-1.1814	0.959861	0.91286	1.01286	0.0583105	1.702031	1.70203	2.74669	0.15648	0.0562409	0.1634695	1
cg06534022	CNN2;CNN2	0.0847968	0.224825	0.735119	-1.36032	0.0185009	1.99272	1.99272	0.711267	0.914169	-1.09389	0.998558	0.999564	-1.00044	0.578928	1.14488	1.14488	0.8932	0.968098	-1.03295	0.738888	0.9224332	-1.08409	0.0421032	0.568229	-1.75985	0.0476361	1.72758	1.72758	2.74666	2.53424	0.820144	1
cg20309013	KCNC1;KCNC1	0.0847981	0.908564	0.94889	-1.0818	0.0252729	1.31887	1.31887	0.0127152	1.24604	1.24604	0.991477	0.992737	-1.00734	0.101811	0.754217	-1.3705	0.850749	1.1352	1.1352	0.0179233	1.22106	1.22106	0.0998727	0.938828	1.05393	0.15393	1.274665	1.27466	2.74664	0.59272	0.59272	1
cg17300051	KCN3	0.0847984	0.949309	0.91328	1.01328	0.399474	0.836162	-1.19594	0.0260387	0.17269	1.72969	0.124155	1.41254	1.41254	0.959187	0.01067	-3.01067	0.130475	0.40326	-2.48006	0.0372284	0.6065522	-1.65147

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg04478727	METTL1;FAM119B;FAM119B;FAM119B;METTL1;FAM119B	0.0848867	0.00947804	0.0675897	-14.7952	0.360118	2.03646	2.03646	0.0669198	4.97135	4.97135	0.667394	0.72307	-1.38299	0.365132	2.02034	2.02034
cg22944149	LOC441208	0.0848874	0.404194	0.7448	-1.34264	0.469298	1.28935	1.28935	0.0856087	1.92686	1.92686	0.380429	0.733028	-1.36421	0.00714424	0.301437	-3.31744
cg11113760	ZNF385B;MIR1258	0.0848885	0.488291	1.18264	1.18264	0.458801	1.19689	1.19689	0.494026	1.17995	1.17995	0.0953621	0.646258	-1.54737	0.00470448	0.40862	-2.44726
cg09043518	SECTM1	0.0848891	0.788425	1.11577	1.11577	0.3596	1.46758	1.46758	0.476117	0.744464	-1.34325	0.791802	1.11376	1.11376	0.044807	0.391415	-2.55483
cg02750792	MOBP;MOBP	0.0848918	0.19803	0.42535	-2.35101	0.0871988	0.305243	-3.27608	0.19449	0.422143	-2.36886	0.0373166	4.56583	4.56583	0.095621	3.15893	3.15893
cg21063480	SPTLC2	0.084894	0.463081	1.16204	1.16204	0.96795	0.991954	-1.00811	0.0848863	1.46683	1.46683	0.297955	1.24227	1.24227	0.100309	1.4362	1.4362
cg19389852	TXNIP	0.0848973	0.0656718	0.599336	-1.66851	0.0776763	0.615091	-1.62578	0.312834	0.772028	-1.29529	0.348275	0.787159	-1.27039	0.031294	0.534653	-1.87037
cg01897517	PSMB9;PSMB9;TAP1	0.0848995	0.832648	1.02339	1.02339	0.00794694	1.45034	1.45034	0.302153	1.12387	1.12387	0.189736	0.859209	-1.16386	0.373135	1.10504	1.10504
cg07606899	PHACTR2;PHACTR2	0.0849004	0.502784	1.14454	1.14454	0.656816	0.915058	-1.09283	0.636532	0.909836	-1.0991	0.719559	1.07419	1.07419	0.254709	0.789724	-1.26627
cg27065003	PRDM6	0.0849011	0.148854	0.428414	-2.33419	0.997169	1.00194	1.00194	0.554236	1.38756	1.38756	0.464727	0.665387	-1.50289	0.368494	0.603067	-1.65819
cg07043305	ZNF876P	0.0849022	0.0344416	3.60599	3.60599	0.137896	0.435741	-2.29494	0.162895	2.16951	2.16951	0.882941	0.926252	-1.07962	0.632771	1.28443	1.28443
cg25131771	KIF26A	0.0849042	0.0308567	0.248404	-4.0257	0.0429592	0.278153	-3.59514	0.98172	1.01267	1.01267	0.256774	0.52193	-1.91596	0.0379492	0.266624	-3.75059
cg22231101	JAKMIP1	0.0849045	0.620163	0.607839	-1.64517	0.470344	0.481034	-2.07886	0.0879515	0.15313	-6.53039	0.632077	1.6172	1.6172	0.0415746	0.0961985	-10.3952
cg03656899	KHDRBS2	0.0849047	0.0498126	2.92682	2.92682	0.00652528	5.45495	5.45495	0.844385	0.909985	-1.09892	0.493621	0.716281	-1.3961	0.599741	0.775566	-1.28938
cg07129067	ZNF385B;ZNF385B	0.0849055	0.0717775	0.665044	-1.50366	0.100317	0.69398	-1.44096	0.0272182	0.588407	-1.6995	0.309444	0.807809	-1.23792	0.631037	0.906478	-1.10317
cg02517497	CHST4;CHST4	0.0849082	0.0107942	0.137298	-7.2834	0.118626	0.349804	-2.85874	0.156334	0.390548	-2.5605	0.661853	1.31373	1.31373	0.0265632	0.195929	-5.1039
cg18607308	FAM96B;CES2;FAM96B;CES2	0.0849102	0.0632557	1.96044	1.96044	0.26873	1.44948	1.44948	0.100923	1.78415	1.78415	0.0227807	2.40663	2.40663	0.384524	1.33285	1.33285
cg12890605	HLA-DOA	0.0849112	0.185293	0.655059	-1.52658	0.465231	0.799463	-1.25084	0.415149	0.778151	-1.2851	0.171448	0.645024	-1.55033	0.00555696	0.333863	-2.99524
cg22791324	PTPRN2;PTPRN2;PTPRN2	0.0849118	0.502114	1.21484	1.21484	0.0337764	2.03034	2.03034	0.601964	0.860411	-1.16224	0.544132	1.19173	1.19173	0.0426091	1.94824	1.94824
cg14420904	C7orf20	0.0849125	0.601811	0.901949	-1.10871	0.83552	0.960066	-1.0416	0.583991	1.11448	1.11448	0.727113	0.933631	-1.07109	0.210581	0.772137	-1.29511
cg01804183	IL7R	0.084914	0.997393	1.00095	1.00095	0.00918847	0.381207	-2.62324	0.0100967	0.388126	-2.57648	0.816958	1.06994	1.06994	0.618392	1.15769	1.15769
cg06385584	ZNF786	0.0849179	0.00368359	0.490585	-2.03838	0.965217	1.00794	1.00794	0.0819441	0.704917	-1.41861	0.545243	1.11747	1.11747	0.867287	0.970114	-1.03081
cg26403608	LOC284009;METT10D	0.0849226	0.157277	1.84088	1.84088	0.995671	1.00219	1.00219	0.151313	1.85965	1.85965	0.134924	1.91607	1.91607	0.528293	1.29406	1.29406
cg12662555	SLMAP	0.0849227	0.22003	0.809013	-1.23607	0.247002	1.22012	1.22012	0.940753	1.01229	1.01229	0.586902	0.913781	-1.09435	0.698694	0.938073	-1.06602
cg24345747	CD8A;CD8A;CD8A;CD8A	0.0849236	0.0538746	0.361755	-2.76431	0.321598	0.621445	-1.60915	0.229529	0.556701	-1.7963	0.698885	0.834788	-1.19791	0.0388485	0.329185	-3.0378
cg13204512	RNF135;RNF135	0.084925	0.335359	0.510835	-1.95758	0.0137082	7.85226	7.85226	0.668524	0.747341	-1.33808	0.247483	0.441514	-2.26493	0.040756	0.202497	-4.93834
cg00953309	EPHA2	0.0849263	0.0162734	1.77402	1.77402	0.0311494	1.638	1.638	0.900143	1.02479	1.02479	0.146102	0.737553	-1.35584	0.157958	1.34249	1.34249
cg07388700	NMNAT1	0.0849263	0.24848	0.518176	-1.92985	0.0584204	0.311809	-3.20709	0.0569571	0.309142	-3.23476	0.0711964	0.333443	-2.99901	0.0331512	0.257368	-3.88549
cg13469633	KIAA1430	0.0849271	0.318802	1.21082	1.21082	0.049691	1.51543	1.51543	0.214377	1.27469	1.27469	0.286959	1.22788	1.22788	0.0659797	1.46665	1.46665
cg02458516	ZMAT4;ZMAT4	0.0849281	0.0463704	0.179677	-5.56556	0.0108763	0.0902317	-11.0826	0.013611	0.100626	-9.93776	0.199075	0.360305	-2.77543	0.24377	0.399531	-2.50293
cg05632020	VARS2;VARS2;VARS2	0.0849297	0.608682	0.823766	-1.21394	0.364837	0.704971	-1.4185	0.544887	1.25868	1.25868	0.230623	1.60345	1.60345	0.773225	0.897199	-1.11458
cg09801523	LARP1B;LARP1B;LARP1B	0.0849297	0.303776	0.815166	-1.22674	0.271537	1.24561	1.24561	0.158133	1.33578	1.33578	0.113492	0.718605	-1.39159	0.366439	0.836915	-1.19486
cg20224751	ZNF776	0.0849329	0.052926	1.6165	1.6165	0.854424	0.960694	-1.04091	0.597785	1.12327	1.12327	0.216113	0.752616	-1.3287	0.385967	0.823626	-1.21414
cg16169544	TDG	0.0849345	0.729519	0.885166	-1.12973	0.790269	0.910578	-1.0982	0.38109	0.729267	-1.37124	0.914763	0.963074	-1.03834	0.00741316	0.297545	-3.36084
cg17200320	DOK3;DOK3;DOK3	0.0849359	0.337897	0.578808	-1.72769	0.0194785	0.209504	-4.77317	0.0285872	0.239416	-4.17682	0.076043	0.335328	-2.98216	0.0375634	0.263067	-3.80132
cg13269407	C22orf26;LOC150381	0.0849368	0.24945	1.27537	1.27537	0.895673	0.973837	-1.02687	0.113496	1.41625	1.41625	0.015665	1.81966	1.81966	0.555371	1.1281	1.1281
cg01425586	ZNRD1;NCRNA00171;ZNRD1;ZNRD1	0.0849369	0.306247	1.16551	1.16551	0.787571	1.03982	1.03982	0.021663	0.671244	-1.48977	0.388125	0.879948	-1.13643	0.0274643	0.685859	-1.45803
cg14493637	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.084937	0.0255662	0.36764	-2.72005	0.624092	1.20479	1.20479	0.244872	0.632009	-1.58226	0.850323	0.931222	-1.07386	0.0120059	0.306692	-3.2606
cg20120371	MPP2	0.0849386	0.90816	1.06121	1.06121	0.0092704	5.47237	5.47237	0.00742119	5.90226	5.90226	0.535676	1.38111	1.38111	0.563822	1.35038	1.35038
cg23241448	NXN	0.0849399	0.101492	0.164626	-6.07436	0.0232304	0.0652354	-15.3291	0.0903766	0.152959	-6.53771	0.144626	0.206685	-4.83827	0.0309308	0.0781301	-12.7992
cg11351987	C19orf30	0.0849414	0.94199	0.961189	-1.04038	0.094856	0.368452	-2.71406	0.994144	1.004	1.004	0.240839	0.512793	-1.9501	0.0332482	0.258295	-3.87154
cg14830740	IQSEC3;IQSEC3	0.0849425	0.0559932	0.359163	-2.78425	0.0438573	2.99137	2.99137	0.123783	2.20004	2.20004	0.953462	0.972771	-1.02799	0.950447	1.02983	1.02983
cg19601653	MYH14;MYH14;MYH14	0.0849433	0.788779	0.946517	-1.05651	0.543904	1.134	1.134	0.677805	1.08929	1.08929	0.752414	0.93727	-1.06693	0.984865	1.00389	1.00389
cg08994445	UBE2J1;UBE2J1	0.0849435	0.954425	0.990987	-1.00909	0.034797	0.677227	-1.47661	0.217329	0.81415	-1.22827	0.073877	0.729351	-1.37108	0.838605	0.968209	-1.03283
cg07378821	SLC25A38	0.0849452	0.00602923	0.536688	-1.86328	0.132712	1.325	1.325	0.344688	1.18392	1.18392	0.41935	0.866641	-1.15388	0.360502	0.849533	-1.17712
cg19924248	ULK4	0.084946	0.958338	0.991711	-1.00836	0.483598	1.12012	1.12012	0.787678	0.9579	-1.04395	0.209518	1.23459	1.23459	0.315178	1.17996	1.17996
cg12124094	PRKCA	0.084947	0.0329349	0.289771	-3.451	0.29066	0.580128	-1.72376	0.172429	0.48622	-2.05668	0.104631	0.414476	-2.41268	0.0150628	0.226855	-4.40811
cg04213746	GATA3;GATA3	0.0849501	0.317473	1.80477	1.80477	0.383243	0.599963	-1.66677	0.256518	1.96738	1.96738	0.820144	0.87799	-1.13897	0.00431058	8.85195	8.85195
cg00309965	ECSCR	0.0849512	0.0422471	0.331566	-3.01599	0.0427887	0.332806	-3.00475	0.0205568	0.268098	-3.72998	0.0693047	0.383355	-2.60855	0.0267397	0.289844	-3.45013
cg18118621	PPP1R14B	0.0849513	0.58705	0.95166	-1.0508	0.224272	1.12226	1.12226	0.844724	1.01787	1.01787	0.621328	1.04602	1.04602	0.0225973	0.78138	-1.27979
cg01266985	SLC12A7	0.0849528	0.0448867	0.385444	-2.59441	0.221383	1.7029	1.7029	0.127776	0.505651	-1.97765	0.0126607	0.277082	-3.60904	0.926579	1.03891	1.03891
cg18201198	LOC285780;LY86	0.0849556	0.11743	0.524621	-1.90614	0.242673	1.59013	1.59013	0.0546442	0.437386	-2.28631	0.978149	1.01044	1.01044	0.223642	1.62417	1.62417
cg07438452	KNDC1	0.0849558	0.107714	2.29488	2.29488	0.0345894	3.20929	3.20929	0.804153	1.12477	1.12477	0.127018	2.18368	2.18368	0.240846	1.78794	1.78794
cg00444120	CASP3;CCDC111;CCDC111;CASP3	0.0849594	0.938797	1.01826	1.01826	0.939482	1.01805	1.01805	0.498539	1.17573	1.17573	0.42039	0.823689	-1.21405	0.0170011	0.503717	-1.98524
cg26530341	TNFRSF10A	0.0849609	0.456495	1.18386	1.18386	0.734983	0.927171	-1.07855	0.071048	0.63838	-1.56647	0.707512	1.08751	1.08751	0.978849	0.994117	-1.00592
cg24512400	KLK10;KLK10;KLK10	0.0849633	0.760667	0.942679	-1.06081	0.661494	0.918394	-1.08886	0.663297	1.08832	1.08832	0.77348	0.945766	-1.05734	0.668505	0.92014	-1.08679
cg14487292	HNF1B;HNF1B	0.0849645	0.0753378	0.285551	-3.502	0.00553685	0.0995194	-10.0483	0.0330683	0.206502	-4.84256	0.747899	0.815359	-1.22645	0.989813	0.991952	-1.00811
cg21310090	PLTP;PLTP	0.0849649	0.56038	0.776312	-1.28814	0.00628043	4.6229	4.6229	0.142926	1.96816	1.96816	0.7815	0.887301	-1.12701	0.0896526	0.447246	-2.2359
cg03819011	CDH4	0.0849651	0.023901	0.264309	-3.78345	0.602423	1.29626	1.29626	0.0878543	0.394518	-2.53474	0.8276	1.1137	1.1137	0.0258456	0.270792	-3.69287
cg04451175	FGF20	0.0849656	0.0613252	0.443757	-2.25348	0.236442	0.619971	-1.61298	0.664396	1.18321	1.18321	0.774803	1.11689	1.11689	0.0399207	0.40042	-2.49738
cg26556530	TOX	0.0849665	0.632553	0.849955	-1.17653	0.136198	0.581662	-1.71921	0.642731	1.17076	1.17076	0.869025	1.05728	1.05728	0.0116453	0.34503	-2.8983
cg11173076	ART1	0.084967	0.379915	0.567486	-1.76216	0.792893	0.847465	-1.17999	0.100813	0.322895	-3.09698	0.256242	0.474548	-2.10727	0.00928485	0.125419	-7.9733
cg03588376	RPS11	0.0849686	0.380499	1.33678	1.33678	0.449182	1.28254	1.28254	0.0898367	0.546982	-1.82821	0.935788	0.974335	-1.02634	0.00348912	0.278341	-3.59271
cg13453203	PKP4;PKP4	0.0849698	0.272813	0.695509	-1.4378	0.508542	1.23785	1.23785	0.498755	0.803746	-1.24417	0.254499	1.46014	1.46014	0.00805011	0.339592	-2.94471
cg04951638	RPTOR;RPTOR	0.084971	0.0288262	0.674879	-1.48175	0.0405185	0.69707	-1.43458	0.171675	0.800938	-1.24854	0.452321	0.889763	-1.12389	0.0571982	0.720213	-1.38848
cg21096548	ANGEL1	0.0849714	0.966473	0.990185	-1.00991	0.0501411	1.68888	1.68888	0.0846898	1.56432	1.56432	0.355556	0.800111	-1.24983	0.364918	0.803754	-1.24416
cg27330692	UNC5B	0.0849737	0.771797	1.10525	1.10525	0.263073	1.49406	1.49406	0.23048	1.54171	1.54171	0.418398	0.752362	-1.32915	0.67735	1.15487	1.15487
cg09128050	SAMHD1;SAMHD1	0.084974	0.607338	0.967033	-1.03409	0.0798893	1.13393	1.13393	0.303819	1.07131	1.07131	0.0654501	1.14308	1.14308	0.127594	1.11243	1.11243
cg04363513	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MAP4K2	0.0849748	0.00150681	0.322362	-3.1021	0.993417	0.99796	-1.00204	0.53321	1.16912	1.16912	0.98401	1.00497	1.00497	0.691237	0.905887	-1.10389
cg25059070	PTPRN2;PTPRN2;PTPRN2	0.0849769	0.810892	1.10135	1.10135	0.122389	1.9625	1.9625	0.779924	1.11942	1.11942	0.934824	1.03349	1.03349	0.00365788	0.20538	-4.86902
cg12600766	GPC4	0.0849821	0.0889564	0.218553	-4.57554	0.00710998	0.0596856	-16.7545	0.925053	0.926564	-1.07926	0.0585951	5.65151	5.65151	0.883038	1.12675	1.12675
cg16766325	SPRY2	0.0849843	0.0314551	0.165883	-6.02836	0.166067	0.349407	-2.86199	0.838679	1.15619	1.15619	0.0671869	0.232107	-4.30835	0.0853747	0.258201	-3.87295
cg26186392	RIMS2	0.0849848	0.422753	0.647461	-1.54449	0.274739	0.547014	-1.82811	0.0264309	0.247276	-4.04406	0.964034	0.976347	-1.02423	0.575002	0.74027	-1.35086
cg02629111	BTG3;BTG3	0.0849851	0.256905	0.500236	-1.99906	0.133914	0.388189	-2.57606	0.887124	0.920221	-1.08669	0.108079	2.79073	2.79073	0.154714	0.409991	-2.43908
cg26537639	CYBA	0.0849896	0.156364	2.84303	2.84303	0.0232693	6.48086	6.48086	0.059599	4.32781	4.32781	0.347825	1.94667	1.94667	0.20925	2.48943	2.48943
cg18703117	JAKMIP3	0.0849915	0.234359	0.421674	-2.3715	0.014847	0.125446	-7.97156	0.031173	0.17347	-5.76467	0.616985	0.705193	-1.41805	0.0638277	0.236184	-4.23399
cg25482293	FAT3	0.084992	0.0449178	0.390087	-2.56353	0.473845	1.34708	1.34708	0.48159	1.33987	1.33987	0.391545	0.698337	-1.43197	0.0495563	0.399945	-2.50034
cg04360557	S100PBP;YARS;S100PBP	0.0849931	0.0289417	1.54706	1.54706	0.494579	1.12471	1.12471	0.854211	0.969313	-1.03166	0.931216	0.985478	-1.01474	0.347615	1.17805	1.17805
cg07545627	IMPAD1	0.0849961	0.0751575	0.565714	-1.76768	0.857404	0.949607	-1.05307	0.564501	1.18229	1.18229	0.922412	1.0284	1.0284	0.00630214	0.359566	-2.78113
cg05267876	NUP133	0.0849972	0.456539	1.13843	1.13843	0.546264	0.900864	-1.11005	0.0437982	1.48617	1.48617	0.363775	0.852505	-1.17301	0.385218	1.1644	1.1644
cg18004847	SBNO2	0.084998	0.218064	0.652386	-1.53283	0.902195	0.960282	-1.04136	0.337358	0.721758	-1.38551	0.1943	0.635927	-1.57251	0.014774	0.371968	-2.6884
cg19168961	CHAC1;CHAC1;CHAC1;CHAC1	0.0850001	0.133015	0.513453	-1.9476	0.756125	0.879741	-1.1367	0.0621373	0.421601	-2.37191	0.157624	0.537173	-1.8616	0.284067	1.58042	1.58042
cg16637941	C16orf57;ZNF319	0.085004	0.757361	1.0829	1.0829	0.0772827	0.603645	-1.6566	0.669687	0.895583	-1.11659	0.0214823	0.4917	-2.03376	0.0104375	0.436651	-2.29016
cg04303024	UNK	0.0850046	0.66301	1.20628	1.20628	0.0840805	2.26489	2.26489	0.727436	1.16144	1.16144	0.645194	0.820116	-1.21934	0.0103565	0.251266	-3.97985
cg24605046	B3GALT4	0.0850083	0.566473	1.2188	1.2188	0.00786064	3.20448	3.20448	0.0240996	2.50553	2.50553	0.700232	1.14122	1.14122	0.172964	1.64081	1.64081
cg24612420	ACLY;ACLY;ACLY;ACLY	0.0850086	0.0951407	0.738728	-1.35368	0.697289	1.06668	1.06668	0.833933	1.03528	1.03528	0.369791	0.8589	-1.16428	0.0867058	0.731645	-1.36678
cg17474651	MAGEC3	0.0850121	0.961476	1.02899	1.02899	0.195653	0.445035	-2.24701	0.278582	0.513508	-1.94739	0.0468471	0.26024	-3.84261	0.0766851	0.311985	-3.20528
cg02314675	CLCN7;CLCN7	0.0850144	0.0186296	0.651005	-1.53609	0.453448	1.12179	1.12179	0.911933	1.01679	1.01679	0.498888	0.901848	-1.10883	0.308131	1.17204	1.17204
cg02071825	PPM1E	0.0850145	0.148211	0.809721	-1.23499	0.0915986	1.28761	1.28761	0.0228103	1.44882	1.44882	0.520884	1.09259	1.09259	0.986018	0.997618	-1.00239
cg20354777	SPSB4	0.085015	0.868925	1.07897	1.07897	0.00471359	0.177644	-5.62925	0.108607	0.446918	-2.23755	0.192226	1.88739	1.88739	0.508082	0.734196	-1.36203
cg19763809	VWA3B	0.0850154	0.574152	1.08214	1.08214	0.100919	0.778982	-1.28373	0.855629	1.02564	1.02564	0.353791	0.875786	-1.14183	0.00543272	0.601355	-1.66291
cg07645529	TMTC4;TMTC4	0.0850161	0.0597095	3.08241	3.08241	0.138704	2.32661	2.32661	0.0345756	3.68974	3.68974	0.0176779	4.61231	4.61231	0.16704	2.1824	2.1824
cg06952471	RIMS1	0.0850165	0.889989	0.985729	-1.01448	0.427168	0.919245	-1.08785	0.560358	1.06306	1.06306	0.366044	1.10126	1.10126	0.767279	0.969648	-1.0313
cg07701018	FABP5	0.0850219	0.0551652	52.6341	52.6341	0.253896	8.7767	8.7767	0.237545	9.54256	9.54256	0.0825908	33.2791	33.2791	0.111209	23.6464	23.6464
cg00199519	MYO15A	0.0850229	0.250499	1.26971	1.26971	0.0906944	0.690292	-1.44866	0.0608723	0.656946	-1.52219	0.0266169	1.68627	1.68627	0.0613973	1.52058	1.52058
cg01436362	C1orf96	0.0850233	0.00939909	1.50912	1.50912	0.159275	1.20683	1.20683	0.778745	1.03583	1.03583	0.436079	0.905465	-1.10441	0.716175	1.04669	1.04669
cg16026189	AGRN	0.0850236	0.767886	1.08234	1.08234	0.0207237	0.47494	-2.10553	0.173142	0.678724	-1.47335	0.739353	0.914598	-1.09338	0.383818	1.26966	1.26966
cg12331425	ENO3;ENO3;ENO3;ENO3	0.0850243	0.0106654	0.349836	-2.85849	0.13689	0.592	-1.68919	0.360837	0.735401	-1.3598	0.318552	0.713706	-1.40114	0.11289	0.568604	-1.75869
cg03408077	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0850246	0.606669	1.07816	1.07816	0.425138	1.12528	1.12528	0.720148	0.9492	-1.05352	0.530776	1.09639	1.09639	0.00380269	0.567977	-1.76063
cg00853733	SETD1B	0.0850258	0.0922646	0.227713	-4.3915	0.327159	0.445876	-2.24278	0.890545	0.895882	-1.11622	0.251748	0.384397	-2.60148	0.0463811	0.16171	-6.18393
cg17906332	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.0850274	0.795718	1.12614	1.12614	0.0127682	4.12263	4.12263	0.0927783	2.33232	2.33232	0.276375	1.67936	1.67936	0.0629685	0.383748	-2.60587
cg03697115	MRPS18B;PPP1R10	0.085029	0.158162	0.747636	-1.33755	0.251932	1.25949	1.25949	0.0460435	1.5538	1.5538	0.516303	1.13526	1.13526	0.702712	0.928747	-1.07672
cg17425144	PEX14	0.0850291	0.0133841	0.404058	-2.47489	0.138077	0.623526	-1.60378	0.394353	0.772534	-1.29444	0.12537	0.6122	-1.63345	0.0294987	0.468468	-2.13462
cg00322486	ELAVL4	0.0850296	0.0835744	2.68001	2.68001	0.0357594	0.284304	-3.51736	0.411984	1.54002	1.54002	0.454119	1.48069	1.48069	0.91329	1.05767	1.05767
cg18804667	PDE4D;PDE4D;PDE4D	0.0850322	0.513031	1.23986	1.23986	0.162814	1.62068	1.62068	0.0238585	2.39602	2.39602	0.155511	1.63648	1.63648	0.897874	0.959239	-1.04249
cg01260170	ESPNP	0.0850333	0.221776	2.12952	2.12952	0.444973	1.58142	1.58142	0.510671	0.67521	-1.48102	0.274693	1.95222	1.95222	0.201279	0.451862	-2.21307
cg27324993	CHP;EXD1	0.0850336	0.19588	1.26546	1.26546	0.522564	1.11801	1.11801	0.0285101	1.56033	1.56033	0.74039	1.05891	1.05891	0.780827	1.04918	1.04918
cg03980366	CAPN9;CAPN9	0.0850338	0.171926	0.753684	-1.32682	0.119428	0.719931	-1.38902	0.014054	0.554544	-1.80328	0.762522	0.942769	-1.06071	0.0312937	0.611827	-1.63445
cg24774396	NXN	0.0850341	0.540984	0.871379	-1.14761	0.264402	0.771987	-1.29536	0.532016	1.15122	1.15122	0.937001	0.982568	-1.01774	0.00269618	0.39758	-2.51522
cg22715764	PEX14	0.0850344	0.221517	0.68152	-1.46731	0.0311507	2.12701	2.12701	0.214542	1.47682	1.47682	0.773299	0.917426	-1.09001	0.0897172	0.572248	-1.74749
cg06158944	RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1	0.0850435	0.606118	1.13289	1.13289	0.00370395	0.390318	-2.56201	0.50551	0.850374	-1.17595	0.591028	1.13898	1.13898	0.284261	1.30585	1.30585
cg24494643	FAM40A	0.085046	0.412796	0.877546	-1.13954	0.553515	1.09801	1.09801	0.640156	1.07622	1.07622	0.341985	1.16503	1.16503	0.237693	1.21284	1.21284
cg14058291	ADARB2	0.0850467	0.151337	0.491476	-2.03469	0.266713	0.585883	-1.70683	0.0204744	3.63353	3.63353	0.632821	1.24905	1.24905	0.0161323	0.256645	-3.89643
cg04275847	OAT	0.0850469	0.277521	0.493048	-2.0282	0.00345797	0.0832606	-12.0105	0.105806	0.330796	-3.02301	0.817907	1.15536	1.15536	0.108862	0.334553	-2.98906
cg03564453	KLHDC4	0.085047	0.0668482	0.627526	-1.59356	0.856509	0.959781	-1.0419	0.924107	1.02185	1.02185	0.442316	1.19443	1.19443	0.149667	0.704456	-1.41953
cg10868817	ZFPM2	0.0850506	0.169621	0.611518	-1.63528	0.308291	0.701533	-1.42545	0.783096	1.0972	1.0972	0.867074	1.05793	1.05793	0.00182803	0.225666	-4.43132
cg22883887	RIMBP2	0.0850517	0.697233	0.906263	-1.10343	0.55945	0.861928	-1.16019	0.558263	0.861532	-1.16072	0.985355	0.99539	-1.00463	0.182519	1.42782	1.42782
cg14099457	LAMB2	0.0850527	0.0522036	1.8385	1.8385	0.30328	0.745253	-1.34183	0.296113	1.34817	1.34817	0.0290844	2.03254	2.03254	0.450904	1.23593	1.23593
cg14227086	CDT1	0.0850532	0.535942	1.5633	1.5633	0.00461224	0.0601977	-16.6119	0.111206	0.286215	-3.49388	0.60604	1.44864	1.44864	0.891346	0.907331	-1.10213
cg02153497	TRAFD1;TRAFD1	0.0850547	0.0979937	0.577755	-1.73084	0.202368	0.665774	-1.50201	0.565838	0.839096	-1.19176	0.0606435	0.527666	-1.89514	0.00507234	0.326362	-3.06408
cg19214594	TRABD	0.0850553	0.353385	1.33086	1.33086	0.17317	1.54319	1.54319	0.207687	1.48836	1.48836	0.851826	1.05757	1.05757	0.0660152	0.539382	-1.85397
cg10145246	TBX15	0.0850554	0.103748	0.236361	-4.23082	0.0152896	0.0894224	-11.1829	0.151306	0.287477	-3.47853	0.557204	0.617971	-1.6182	0.156538	0.292677	-3.41674
cg03825234	CACNA1H;CACNA1H	0.0850561	0.25379	2.19752	2.19752	0.564527	0.680597	-1.4693	0.477801	0.620765	-1.61091	0.601455	1.41646	1.41646	0.739427	0.802097	-1.24673
cg02341182	UBP1;UBP1;UBP1	0.0850585	0.0244147	0.495549	-2.01797	0.542592	0.850983	-1.17511	0.927845	1.024	1.024	0.0363772	0.528938	-1.89058	0.0148355	0.456258	-2.19174
cg03040401	TRAF7	0.0850592	0.00911239	0.461487	-2.16691	0.610391	1.12743	1.12743	0.586432	1.1368	1.1368	0.308068	1.27923	1.27923	0.67472	0.906177	-1.10354
cg17545652	PFKFB3;PFKFB3	0.0850599	0.351118	0.771643	-1.29594	0.829072	0.943268	-1.06014	0.280308	0.73848	-1.35413	0.0558036	1.79561	1.79561	0.0426448	0.532349	-1.87847
cg13575885	ULK1	0.0850599	0.122219	0.662242	-1.51002	0.78917	0.936188	-1.06816	0.233022	1.36026	1.36026	0.0865871	0.627669	-1.5932	0.00716121	0.42556	-2.34985
cg12888861	DDX1	0.0850606	0.713017	1.09422	1.09422	0.034484	0.548256	-1.82396	0.463779	1.19931	1.19931	0.146588	1.46194	1.46194	0.410326	1.22778	1.22778
cg00651005	GPR179	0.0850609	0.262013	1.34928	1.34928	0.00853256	2.36236	2.36236	0.200076	1.4144	1.4144	0.131314	1.5178	1.5178	0.695343	1.10606	1.10606
cg26942892	DLGAP2	0.0850614	0.471202	0.858826	-1.16438	0.0354575	0.60144	-1.66268	0.320791	0.808156	-1.23738	0.0448584	1.61297	1.61297	0.657962	1.09693	1.09693
cg09819651	NET1	0.0850643	0.285889	1.16812	1.16812	0.00536505	1.6721	1.6721	0.31561	1.15659	1.15659	0.971044	1.0051	1.0051	0.350206	1.14433	1.14433
cg05921138	SORL1	0.0850649	0.303934	0.738924	-1.35332	0.569394	0.849252	-1.17751	0.0373909	0.503371	-1.98661	0.0234343	0.463301	-2.15842	0.387694	1.28607	1.28607
cg25475603	FSTL4	0.0850667	0.928733	1.02869	1.02869	0.649764	0.8654	-1.15554	0.467205	0.791406	-1.26357	0.836398	1.06757	1.06757	0.00150088	0.235305	-4.24981
cg07226679	CUL3	0.085067	0.281446	0.870981	-1.14813	0.0138491	1.45544	1.45544	0.0286318	1.37522	1.37522	0.227621	0.855312	-1.16916	0.831231	1.02669	1.02669
cg20771240	LOC100128239	0.0850681	0.0431152	0.0974842	-10.2581	0.358193	2.57347	2.57347	0.102297	5.98213	5.98213	0.779127	1.32483	1.32483	0.078233	0.141238	-7.08027
cg18060965	CAPRIN2;CAPRIN2;CAPRIN2	0.0850683	0.0880728	0.33222	-3.01005	0.778168	1.1798	1.1798	0.784635	0.851826	-1.17395	0.932315	1.05099	1.05099	0.0211206	0.197228	-5.07028
cg17552801	ANKRD2;ANKRD2	0.0850699	0.376584	0.74954	-1.33415	0.0266253	2.30435	2.30435	0.516393	1.23251	1.23251	0.666701	1.14759	1.14759	0.320707	0.721811	-1.3854
cg23251248	TBPL2	0.0850704	0.0234097	4.38403	4.38403	0.0421109	3.58937	3.58937	0.390083	1.61711	1.61711	?	?	?	0.313288	1.76682	1.76682
cg11983469	LOC100133612	0.0850711	0.717463	1.13542	1.13542	0.285403	0.678559	-1.47371	0.0673094	0.488422	-2.04741	0.504824	1.26683	1.26683	0.288708	0.771272	-1.29656

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04478727	0.70583	1.3288	1.3288	?	?	?	0.794424	1.21603	1.21603	0.312877	0.453465	-2.20524	3.23574	24.2992	5.63223	1
cg22944149	0.740517	0.891613	-1.12156	0.2272	0.645565	-1.54903	0.341479	0.712941	-1.40264	0.105397	0.542974	-1.84171	2.74544	5.18125	1.67753	1
cg11113760	0.223119	0.737127	-1.35662	0.342119	0.791987	-1.26265	0.700675	1.0964	1.0964	0.241557	0.746718	-1.33919	2.74543	2.46832	0.799168	1
cg09043518	0.286547	0.63717	-1.56944	0.128299	1.95331	1.95331	0.0106273	0.270271	-3.69999	0.495682	1.32543	1.32543	2.74542	7.21191	2.33501	1
cg02750792	0.185497	0.413875	-2.41619	0.157606	0.386942	-2.58437	0.952654	1.03801	1.03801	0.489025	1.55524	1.55524	2.74538	17.1671	5.55829	1
cg21063480	0.780792	1.0577	1.0577	0.085315	0.682173	-1.4659	0.00780586	1.98707	1.98707	0.507876	1.14461	1.14461	2.74535	1.7578	0.569138	1
cg19389852	0.011797	0.458693	-2.18011	0.0947709	0.634402	-1.57629	0.0516693	0.577601	-1.7313	0.998868	1.00035	1.00035	2.74531	2.6706	0.864698	1
cg01897517	0.214127	1.1536	1.1536	0.116846	0.830172	-1.20457	0.177595	1.16944	1.16944	0.390713	1.10085	1.10085	2.74528	0.518923	0.168021	1
cg07606899	0.464229	1.15937	1.15937	0.00210435	2.35977	2.35977	0.842051	0.961169	-1.0404	0.77577	1.05833	1.05833	2.74527	1.71328	0.554742	1
cg27065003	0.304053	0.558334	-1.79104	0.284012	0.54369	-1.83928	0.0044468	7.98692	7.98692	0.955321	1.03115	1.03115	2.74526	13.0336	4.22016	1
cg07043305	0.231094	0.520394	-1.92162	0.062251	2.9783	2.9783	0.0586202	3.03673	3.03673	0.456739	0.674288	-1.48304	2.74524	11.7549	3.80615	1
cg25131771	0.609795	0.753698	-1.32679	0.011118	0.17401	-5.74679	0.300495	0.554673	-1.80286	0.151027	0.429414	-2.32875	2.74522	13.1206	4.2484	1
cg22231101	0.210771	0.268755	-3.72086	0.00419607	0.0218957	-45.6711	0.151641	0.216375	-4.62161	0.435378	0.452479	-2.21005	2.74521	43.1709	13.9786	1
cg03656899	0.590537	0.770498	-1.29786	0.60512	0.778523	-1.28448	0.771313	1.15015	1.15015	0.0859317	2.48649	2.48649	2.74521	10.0167	3.24338	1
cg07129067	0.320023	0.811798	-1.23183	0.0457898	1.59139	1.59139	0.41418	1.18457	1.18457	0.312663	0.809032	-1.23604	2.7452	1.79014	0.579642	1
cg02517497	0.188121	0.421157	-2.37441	0.229639	0.457692	-2.18488	0.721618	1.24836	1.24836	0.0757043	0.293518	-3.40695	2.74516	16.7149	5.41231	1
cg18607308	0.767533	0.908895	-1.10024	0.647336	1.16001	1.16001	0.590738	1.19118	1.19118	0.00670146	3.10577	3.10577	2.74514	4.51491	1.46195	1
cg12890605	0.0125977	0.392877	-2.54533	0.577769	0.844218	-1.18453	0.316932	0.732301	-1.36556	0.833572	1.06542	1.06542	2.74512	3.94295	1.27675	1
cg22791324	0.388591	1.28717	1.28717	0.0332731	2.03577	2.03577	0.228039	1.43546	1.43546	0.0904428	0.586845	-1.70403	2.74511	3.54868	1.14909	1
cg14420904	0.120325	0.718717	-1.39137	0.00961596	1.90123	1.90123	0.0783462	1.46716	1.46716	0.247621	1.26737	1.26737	2.7451	1.6705	0.540924	1
cg01804183	0.168174	0.651666	-1.53453	0.881644	1.0444	1.0444	0.799413	0.928445	-1.07707	0.48045	0.81129	-1.2326	2.74508	3.69621	1.19687	1
cg06385584	0.577747	0.90301	-1.10741	0.231823	1.25546	1.25546	0.591515	0.906397	-1.10327	0.553544	1.11486	1.11486	2.74503	1.43086	0.463336	1
cg26403608	0.022039	0.330215	-3.02833	0.242243	1.63857	1.63857	0.690978	1.17494	1.17494	0.0296123	2.81029	2.81029	2.74497	7.07756	2.29189	1
cg12662555	0.1799	0.791299	-1.26375	0.0175714	0.621966	-1.60781	0.167392	1.27363	1.27363	0.0518433	1.43856	1.43856	2.74497	1.17429	0.380263	1
cg24345747	0.134836	0.472885	-2.11468	0.0114264	0.229806	-4.35151	0.0200168	0.271461	-3.68377	0.296635	0.604892	-1.65319	2.74495	9.38235	3.03825	1
cg13204512	0.255857	2.22993	2.22993	0.87558	1.11176	1.11176	0.436119	1.71118	1.71118	0.252702	2.24294	2.24294	2.74494	19.8741	6.43581	1
cg00953309	0.655915	0.916225	-1.09144	0.0976764	1.42552	1.42552	0.833225	1.042	1.042	0.724955	0.933401	-1.07135	2.74492	1.6548	0.535875	1
cg07388700	0.0206757	0.219042	-4.56534	0.0705218	0.332367	-3.00873	0.86597	1.09643	1.09643	0.114565	0.392471	-2.54796	2.74492	12.9113	4.18109	1
cg13469633	0.0899512	1.41485	1.41485	0.173888	0.764444	-1.30814	0.0532988	1.50323	1.50323	0.0303845	1.604	1.604	2.74491	1.49867	0.485316	1
cg02458516	0.265443	0.417683	-2.39416	0.0714119	0.219884	-4.54785	0.276542	0.426805	-2.34299	0.236994	0.393753	-2.53966	2.74489	24.6025	7.96713	1
cg05632020	0.457183	0.752559	-1.3288	0.0113121	0.303947	-3.29005	0.0272876	2.66628	2.66628	0.600509	1.21943	1.21943	2.74487	6.12804	1.98448	1
cg09801523	0.205783	0.774065	-1.29188	0.830227	0.959638	-1.04206	0.00665944	0.508869	-1.96514	0.821019	1.04444	1.04444	2.74487	1.60045	0.518284	1
cg20224751	0.0626476	0.632938	-1.57993	0.250208	1.29996	1.29996	0.0387056	1.68656	1.68656	0.154994	1.39415	1.39415	2.74483	2.07214	0.671043	1
cg16169544	0.875986	0.946596	-1.05642	0.128774	0.561638	-1.78051	0.0318378	2.42074	2.42074	0.966616	0.9854	-1.01482	2.74481	5.36869	1.73862	1
cg17200320	0.296339	0.549195	-1.82085	0.0302519	0.244147	-4.09589	0.703356	0.809168	-1.23584	0.122283	0.395789	-2.5266	2.74479	13.3162	4.31238	1
cg13269407	0.723465	1.07443	1.07443	0.0382563	1.62459	1.62459	0.558848	0.887404	-1.12688	0.0178075	1.7899	1.7899	2.74478	1.77514	0.574873	1
cg01425586	0.132236	0.790654	-1.26478	0.122832	1.27344	1.27344	0.344585	0.868698	-1.15115	0.973181	1.00487	1.00487	2.74478	0.908794	0.294311	1
cg14493637	0.270164	0.648499	-1.54202	0.141627	0.550938	-1.81509	0.0547001	0.439542	-2.2751	0.533659	1.26844	1.26844	2.74477	6.18507	2.00302	1
cg20120371	0.43855	1.50193	1.50193	0.516925	0.713003	-1.40252	0.997387	0.998316	-1.00169	0.334102	1.67003	1.67003	2.74475	11.5202	3.73082	1
cg23241448	0.243786	0.293152	-3.4112	0.0399145	0.0916612	-10.9097	0.0408786	0.0930392	-10.7482	0.0662917	0.12587	-7.9447	2.74473	44.0095	14.2526	1
cg11351987	0.130537	0.41141	-2.43067	0.00545235	0.136912	-7.30394	0.113874	0.392355	-2.54871	0.250504	0.520415	-1.92154	2.74471	12.8609	4.16505	1
cg14830740	0.17832	0.508411	-1.96691	0.0331938	3.24683	3.24683	0.479068	1.40547	1.40547	0.987708	0.992739	-1.00731	2.7447	9.72636	3.14995	1
cg19601653	0.151514	0.730095	-1.36968	0.00541021	2.11579	2.11579	0.0796352	1.48919	1.48919	0.2803	0.794739	-1.25828	2.74469	1.82163	0.58995	1
cg08994445	0.0573134	0.711318	-1.40584	0.041294	0.688744	-1.45192	0.0362153	0.6799	-1.47081	0.33613	1.17013	1.17013	2.74469	1.09087	0.353289	1
cg07378821	0.994607	0.998828	-1.00117	0.340112	0.843209	-1.18595	0.0972234	0.729259	-1.37125	0.337215	0.842291	-1.18724	2.74466	1.30801	0.423614	1
cg19924248	0.42817	1.13756	1.13756	0.0137728	0.615603	-1.62442	0.032759	0.671664	-1.48884	0.265473	1.20309	1.20309	2.74465	1.10354	0.357395	1
cg12124094	0.864181	1.08873	1.08873	0.224447	0.530665	-1.88443	0.367672	0.631613	-1.58325	0.0148189	0.225682	-4.43102	2.74464	10.7175	3.47101	1
cg04213746	0.59985	0.738994	-1.35319	0.526905	1.44242	1.44242	0.045253	3.71531	3.71531	0.992572	0.994695	-1.00533	2.7446	14.1913	4.59612	1
cg00309965	0.0866195	0.409414	-2.44252	0.18958	0.519121	-1.92633	0.132191	0.464579	-2.15249	0.226565	0.549322	-1.82042	2.74458	9.67689	3.13406	1
cg18118621	0.699928	0.965614	-1.03561	0.0114971	0.751533	-1.33061	0.603347	1.0485	1.0485	0.264649	1.11076	1.11076	2.74458	0.354851	0.114926	1
cg01266985	0.0496283	0.395527	-2.52828	0.787827	0.894299	-1.11819	0.674363	0.83945	-1.19126	0.197284	0.568667	-1.7585	2.74456	7.45506	2.41449	1
cg18201198	0.732517	0.87797	-1.13899	0.0268633	2.70359	2.70359	0.152971	0.559568	-1.78709	0.388782	1.39802	1.39802	2.74452	6.25506	2.02587	1
cg07438452	0.118506	2.22994	2.22994	0.0250881	0.283372	-3.52893	0.696592	1.20374	1.20374	0.752627	1.1614	1.1614	2.74452	9.73417	3.15268	1
cg00444120	0.166852	0.706619	-1.41519	0.570858	1.14449	1.14449	0.0726659	1.60295	1.60295	0.0546865	1.67116	1.67116	2.74447	2.41315	0.781578	1
cg26530341	0.0972822	1.49931	1.49931	0.0138437	1.96787	1.96787	0.0450924	1.66816	1.66816	0.43454	1.19418	1.19418	2.74445	2.15307	0.697348	1
cg24512400	0.443334	1.16301	1.16301	0.0459544	0.642771	-1.55576	0.0124328	1.82404	1.82404	0.0488836	1.54427	1.54427	2.74442	1.62264	0.525555	1
cg14487292	0.335415	0.533246	-1.87531	0.092162	0.309311	-3.23299	0.804722	1.16977	1.16977	0.378417	0.564376	-1.77187	2.7444	17.4155	5.64072	1
cg21310090	0.771374	1.13349	1.13349	0.699571	0.846407	-1.18146	0.355409	1.50503	1.50503	0.343471	0.657259	-1.52147	2.7444	8.03812	2.60348	1
cg03819011	0.936314	0.961313	-1.04024	0.0179336	0.241676	-4.13777	0.685824	0.818084	-1.22237	0.580488	0.759108	-1.31734	2.7444	10.5952	3.43171	1
cg04451175	0.172196	0.571204	-1.75069	0.00704891	0.261254	-3.82769	0.203949	0.596485	-1.67649	0.205402	0.597581	-1.67341	2.74439	6.45546	2.09088	1
cg26556530	0.567156	1.21556	1.21556	0.0621533	2.0313	2.0313	0.269243	1.47447	1.47447	0.199693	1.57972	1.57972	2.74438	4.95042	1.60341	1
cg11173076	0.684185	0.773195	-1.29333	0.0132412	0.144987	-6.89717	0.12923	0.35661	-2.80419	0.0740438	0.285874	-3.49804	2.74437	17.1955	5.56954	1
cg03588376	0.685736	0.876985	-1.14027	0.743282	0.899384	-1.11187	0.349276	1.36467	1.36467	0.72422	0.891985	-1.1211	2.74435	4.52543	1.46578	1
cg13453203	0.862033	1.0569	1.0569	0.865445	0.947474	-1.05544	0.0554673	1.99486	1.99486	0.283332	0.70143	-1.42566	2.74433	4.39929	1.42493	1
cg04951638	0.276472	0.841408	-1.18848	0.959544	1.00777	1.00777	0.189147	1.23639	1.23639	0.0472528	0.707298	-1.41383	2.74432	1.01142	0.3276	1
cg21096548	0.054117	1.67021	1.67021	0.0558983	1.66234	1.66234	0.979083	1.00617	1.00617	0.146667	0.693814	-1.44131	2.74431	2.39332	0.775201	1
cg27330692	0.0431574	0.449081	-2.22677	0.00858059	0.315483	-3.16975	0.633251	1.17989	1.17989	0.534464	1.24171	1.24171	2.74428	5.14653	1.66699	1
cg09128050	0.0910935	1.12791	1.12791	0.490336	1.04636	1.04636	0.198557	0.915878	-1.09185	0.0151078	1.213	1.213	2.74428	0.181797	0.0588852	1
cg04363513	0.338245	0.783166	-1.27687	0.846722	0.953216	-1.04908	0.594764	0.875529	-1.14217	0.860772	1.04442	1.04442	2.74426	2.66422	0.862962	1
cg25059070	0.344159	0.675411	-1.48058	0.51346	0.76576	-1.30589	0.425799	1.38752	1.38752	0.303439	0.650985	-1.53613	2.74424	7.04923	2.28332	1
cg12600766	0.217844	0.349647	-2.86002	0.809326	0.822046	-1.21648	0.44325	0.530636	-1.88453	0.994978	0.994911	-1.00512	2.74417	28.5588	9.25076	1
cg16766325	0.0850721	0.257792	-3.87909	0.0150007	0.118964	-8.40589	0.0932955	0.268649	-3.72233	0.100912	0.278277	-3.59355	2.74414	22.0306	7.13623	1
cg26186392	0.017811	0.216683	-4.61504	0.0490141	0.303281	-3.29727	0.177665	2.13931	2.13931	0.157767	0.448506	-2.22963	2.74413	12.2483	3.96753	1
cg02629111	0.0743956	0.312337	-3.20167	0.0287029	0.220794	-4.52911	0.524309	1.45895	1.45895	0.0548546	0.279518	-3.57758	2.74413	14.8929	4.82418	1
cg26537639	0.117392	3.22844	3.22844	0.0162068	7.58809	7.58809	0.0374217	5.28187	5.28187	0.0699336	4.04095	4.04095	2.74407	20.6387	6.68552	1
cg18703117	0.0768807	0.255943	-3.90712	0.0358607	0.184282	-5.42648	0.0665422	0.240463	-4.15864	0.292579	0.469364	-2.13054	2.74404	20.8536	6.75519	1
cg25482293	0.0536804	0.408148	-2.45009	0.114504	0.495548	-2.01797	0.102681	2.0758	2.0758	0.690154	0.848832	-1.17809	2.74403	7.2703	2.35511	1
cg04360557	0.70743	0.938113	-1.06597	0.108511	1.34534	1.34534	0.229201	0.807506	-1.23838	0.00899431	1.75563	1.75563	2.74402	1.24777	0.4042	1
cg07545627	0.0969044	0.592232	-1.68853	0.568391	1.18028	1.18028	0.301418	1.36044	1.36044	0.577482	1.17561	1.17561	2.74398	3.59188	1.16356	1
cg05267876	0.656499	1.07954	1.07954	0.0216558	0.624122	-1.60225	0.0554819	1.44932	1.44932	0.477919	0.883943	-1.13129	2.74396	1.27041	0.411542	1
cg18004847	0.629058	0.851752	-1.17405	0.0263773	0.419759	-2.38232	0.0775628	1.9093	1.9093	0.716786	0.886835	-1.12761	2.74395	4.72276	1.52991	1
cg19168961	0.604685	1.23959	1.23959	0.0968844	0.472619	-2.11587	0.131681	1.95279	1.95279	0.0669994	2.32661	2.32661	2.74392	7.35071	2.38125	1
cg16637941	0.808055	1.06455	1.06455	0.637779	1.12961	1.12961	0.337868	0.775759	-1.28906	0.439066	1.22485	1.22485	2.74387	2.87023	0.929823	1
cg04303024	0.127496	2.0236	2.0236	0.097782	0.459806	-2.17483	0.806689	1.11056	1.11056	0.579726	0.787213	-1.2703	2.74386	7.95018	2.5755	1
cg24605046	0.623649	1.18397	1.18397	0.0710135	1.99112	1.99112	0.0401537	2.24723	2.24723	0.579798	1.21042	1.21042	2.74381	5.06683	1.64146	1
cg24612420	0.0999221	0.742508	-1.34679	0.135311	1.30453	1.30453	0.555063	0.906119	-1.10361	0.0261636	1.54605	1.54605	2.74381	1.18511	0.38393	1
cg17474651	0.0110285	0.151645	-6.59434	0.364164	0.575989	-1.73614	0.35596	1.75366	1.75366	0.0533037	0.27288	-3.66462	2.74376	15.2081	4.92691	1
cg02314675	0.645599	1.07217	1.07217	0.010071	1.63023	1.63023	0.823832	1.03412	1.03412	0.892388	0.979837	-1.02058	2.74373	0.984122	0.318827	1
cg02071825	0.457359	0.902133	-1.10848	0.917803	1.01415	1.01415	0.018423	1.47566	1.47566	0.735339	0.95488	-1.04725	2.74373	0.804698	0.260699	1
cg20354777	0.346262	0.639959	-1.5626	0.291654	0.6044	-1.65453	0.138293	0.479817	-2.08413	0.714429	1.18426	1.18426	2.74372	9.20231	2.98129	1
cg19763809	0.0720151	0.7564	-1.32205	0.702564	0.948058	-1.05479	0.290009	1.16495	1.16495	0.773274	1.04098	1.04098	2.74372	0.83988	0.272098	1
cg07645529	0.150942	2.26017	2.26017	0.105903	2.54889	2.54889	0.143053	2.30218	2.30218	0.0212314	4.33762	4.33762	2.74371	12.1966	3.95138	1
cg06952471	0.196525	0.867771	-1.15238	0.00993345	0.713037	-1.40245	0.0393183	1.28099	1.28099	0.379647	1.09812	1.09812	2.7437	0.468734	0.151858	1
cg07701018	0.0538517	54.0901	54.0901	0.0131011	273.054	273.054	0.0353967	87.001	87.001	0.0632871	45.0476	45.0476	2.74363	144.418	46.7891	1
cg00199519	0.910242	0.977824	-1.02268	0.912126	0.978287	-1.0222	0.882437	0.971003	-1.02986	0.673323	0.919135	-1.08798	2.74362	1.71831	0.556706	1
cg01436362	0.042274	1.3396	1.3396	0.252962	1.16094	1.16094	0.0581398	1.30687	1.30687	0.0784653	1.27672	1.27672	2.74361	0.678756	0.219907	1
cg16026189	0.172383	1.47449	1.47449	0.0660049	1.73571	1.73571	0.305731	0.753117	-1.32781	0.115847	0.63321	-1.57926	2.74361	3.10601	1.0063	1
cg12331425	0.198395	0.641011	-1.56004	0.787014	0.915206	-1.09265	0.00946456	0.341022	-2.93236	0.101294	0.555977	-1.79864	2.7436	4.65135	1.50697	1
cg03408077	0.35292	1.14858	1.14858	0.316084	1.16208	1.16208	0.150901	0.800047	-1.24993	0.979468	1.00374	1.00374	2.7436	0.912588	0.295667	1
cg00853733	0.331497	0.449309	-2.22564	0.00411888	0.0463033	-21.5967	0.0619978	0.186746	-5.35488	0.255609	0.387647	-2.57966	2.74358	27.7054	8.97623	1
cg17906332	0.546726	1.32214	1.32214	0.426959	1.44975	1.44975	0.0646955	2.58586	2.58586	0.879366	0.932823	-1.07202	2.74356	9.10955	2.95141	1
cg03697115	0.226731	0.782977	-1.27718	0.0166543	0.569192	-1.75688	0.772748	0.945714	-1.0574	0.292707	1.2342	1.2342	2.74354	1.61456	0.523109	1
cg17425144	0.0196271	0.434309	-2.30251	0.85257	0.946453	-1.05658	0.0929435	0.578792	-1.72774	0.342669	0.748859	-1.33537	2.74353	3.80249	1.23198	1
cg00322486	0.100893	2.52154	2.52154	0.0517193	3.12582	3.12582	0.323472	1.69034	1.69034	0.178561	0.479177	-2.08691	2.74353	11.5133	3.73024	1
cg18804667	0.809817	1.08127	1.08127	0.162503	0.616777	-1.62133	0.299102	1.41734	1.41734	0.0117774	2.77186	2.77186	2.74349	4.56376	1.47865	1
cg01260170	0.969969	1.02241	1.02241	0.00768412	7.51055	7.51055	0.831939	1.13325	1.13325	0.0321599	4.38011	4.38011	2.74348	15.0541	4.87754	1
cg27324993	0.0176991	0.608618	-1.64307	0.544697	1.1113	1.1113	0.23084	0.805445	-1.24155	0.249029	0.812699	-1.23047	2.74347	1.28742	0.417127	1
cg03980366	0.263832	1.25421	1.25421	0.0521354	0.650774	-1.53663	0.874644	0.969764	-1.03118	0.791158	0.949698	-1.05297	2.74347	1.64316	0.532387	1
cg24774396	0.522883	0.86584	-1.15495	0.161717	1.39435	1.39435	0.484469	0.853801	-1.17123	0.747755	0.930731	-1.07442	2.74347	2.15045	0.69675	1
cg22715764	0.216242	1.47447	1.47447	0.302484	1.37537	1.37537	0.0435912	1.99837	1.99837	0.525672	0.8254	-1.21153	2.74346	3.86866	1.25345	1
cg06158944	0.470318	0.838456	-1.19267	0.264578	0.756579	-1.32174	0.396698	0.812043	-1.23146	0.246331	1.33755	1.33755	2.74334	2.50045	0.810188	1
cg24494643	0.013916	1.60638	1.60638	0.00824246	1.69411	1.69411	0.767976	0.954895	-1.04724	0.727927	0.946973	-1.056	2.74331	1.05742	0.342625	1
cg14058291	0.619516	0.79353	-1.26019	0.74256	1.16449	1.16449	0.907976	1.05488	1.05488	0.588435	1.28712	1.28712	2.7433	9.27434	3.00509	1
cg04275847	0.886662	1.09341	1.09341	0.138511	0.368392	-2.7145	0.12326	0.351527	-2.84473	0.38413	0.571902	-1.74855	2.74329	17.0358	5.52	1
cg03564453	0.40135	1.21508	1.21508	0.0261282	1.8195	1.8195	0.578928	1.13557	1.13557	0.0394156	0.582509	-1.71671	2.74329	2.23481	0.724128	1
cg10868817	0.640487	0.853752	-1.1713	0.359491	0.728537	-1.37261	0.714347	1.13154	1.13154	0.743677	0.895565	-1.11661	2.74324	4.90972	1.59089	1
cg22883887	0.874884	1.04047	1.04047	0.101182	1.57124	1.57124	0.00408604	0.379053	-2.63815	0.58084	0.869013	-1.15073	2.74323	2.75345	0.892199	1
cg14099457	0.452287	0.809648	-1.2351	0.745741	0.914187	-1.09387	0.624582	0.872838	-1.14569	0.0186042	2.19629	2.19629	2.74322	3.30374	1.07052	1
cg14227086	0.590312	1.47293	1.47293	0.938213	0.946336	-1.05671	0.476974	1.67495	1.67495	0.196136	2.66684	2.66684	2.93188	23.0094	6.10401	1
cg02153497	0.0965856	0.576164	-1.73562	0.0430528	0.4948	-2.02102	0.551621	0.83357	-1.19966	0.224922	0.680284	-1.46998	2.74319	3.96877	1.28602	1
cg19214594	0.698321	1.12365	1.12365	0.35047	1.33331	1.33331	0.00528878	3.00551	3.00551	0.636934	1.15294	1.15294	2.74318	3.89268	1.26137	1
cg10145246	0.23006	0.360261	-2.77577	0.0907809	0.220774	-4.52952	0.0760815	4.9546	4.9546	0.303106	0.421133	-2.37455	2.74318	28.5572	9.25355	1
cg03825234	0.675343	1.32086	1.32086	0.00689569	0.0991935	-10.0813	0.0615421	4.02028	4.02028	0.262889	2.16225	2.16225	2.74317	18.9623	6.14448	1
cg02341182	0.602504	0.871479	-1.14747	0.0537112	0.563545	-1.77448	0.142359	0.661738	-1.51117	0.137408	0.657795	-1.52023	2.74314	2.97778	0.964922	1
cg03040401	0.0292248	0.548993	-1.82152	0.191246	1.38123	1.38123	0.804561	0.943773	-1.05958	0.942245	0.98323	-1.01706	2.74313	2.36694	0.766989	1
cg17545652	0.472688	1.21812	1.21812	0.509226	1.19826	1.19826	0.022053	2.09952	2.09952	0.765872	0.922499	-1.08401	2.74312	3.17026	1.0273	1
cg13575885	0.786924	0.935511	-1.06893	0.353953	0.790849	-1.26446	0.309193	1.29555	1.29555	0.190254	0.710844	-1.40678	2.74312	2.63	0.852233	1
cg12888861	0.0450343	0.570883	-1.75167	0.0500755	0.580124	-1.72377	0.585901	1.14348	1.14348	0.435424	1.21403	1.21403	2.74311	2.58071	0.836262	1
cg00651005	0.527894	1.17799	1.17799	0.0101027	2.29627	2.29627	0.66453	1.11824	1.11824	0.0894927	1.61534	1.61534	2.74311	2.85021	0.923597	1
cg26942892	0.381662	0.83002	-1.20479	0.0264237	1.72727	1.72727	0.789471	1.05714	1.05714	0.992765	1.00188	1.00188	2.7431	1.87307	0.60696	1
cg09819651	0.470633	1.10838	1.10838	0.425437	0.892157	-1.12088	0.0718402	0.754449	-1.32547	0.798663	0.964797	-1.03649	2.74306	0.853995	0.276737	1
cg05921138	0.620031	0.867597	-1.15261	0.156273	1.53875	1.53875	0.109398	1.64217	1.64217	0.400603	0.7831	-1.27698	2.74305	3.50812	1.13681	1
cg25475603	0.631822	0.858418	-1.16493	0.646322	1.15732	1.15732	0.736727	1.1126	1.1126	0.939082	1.02446	1.02446	2.74303	4.3443	1.40779	1
cg07226679	0.566696	0.93103	-1.07408	0.630466	1.06164	1.06164	0.452051	0.909789	-1.09916	0.209888	1.17712	1.17712	2.74302	0.661542	0.214375	1
cg20771240	0.102076	5.99031	5.99031	0.450539	0.463412	-2.15791	0.270669	3.14989	3.14989	0.150456	0.213966	-4.67365	2.74301	43.4809	14.0902	1
cg18060965	0.148673	0.403793	-2.47651	0.0147249	0.17247	-5.79811	0.426358	1.60883	1.60883	0.111845	0.362879	-2.75574	2.74301	14.8898	4.82514	1
cg17552801	0.586648	0.839937	-1.19057	0.0100856	2.80537	2.80537	0.963195	1.01477	1.01477	0.278247	0.698913	-1.43079	2.74299	4.3856	1.42119	1
cg23251248	0.379805	1.63507	1.63507	0.0197439	4.64857	4.64857	0.0331735	3.89213	3.89213	0.36166	1.66818	1.66818	2.77585	11.6392	4.19303	1
cg11983469	0.041565	0.439879	-2.27335	0.00680618	0.293623	-3.40573	0.217217	3.89223	3.89223	0.335142	0.63524	-1.5742	2.77561	5.30652	1.71964	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs. N)	p-value(347T vs. N)	Fold-Change(1 vs. N)	p-value(347T vs. N)	Fold-Change(1 vs. N)	p-value(527T vs. N)	Fold-Change(1 vs. N)	p-value(527T vs. N)	Fold-Change(5 p-value(563T vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(1 vs. N)	T(Test)	S(Test)	S(Error)	F(Error)
cg10340684	PHKB;PHKB	0.0850712	0.0208885	0.636585	-1.57088	0.132585	0.252937	-1.32813	0.190012	0.7845013	-1.27469	0.0364901	0.653574	-1.53005	0.983986	0.996497	-1.00352	0.377963	1.17137	1.17137	0.185881	1.27811	1.27811	0.576311	1.10375	1.10375	0.243903	1.23761	1.23761	2.74207	1.32825	0.430434	1
cg27296759	MAP1B	0.0850747	0.557405	1.22952	1.22952	0.645	0.850823	-1.17533	0.0283437	2.46284	2.46284	0.185315	1.63091	1.63091	0.446279	0.44803	-2.23199	0.514862	1.25858	1.25858	0.0471223	0.45333	-2.2059	0.413073	1.3383	1.3383	0.722443	1.13224	1.13224	2.74292	5.26795	1.70717	1
cg26419659	FAM134B	0.085075	0.990387	1.00404	1.00404	0.0420665	0.456594	-2.19013	0.0855975	0.529427	-1.88884	0.989565	0.995632	-1.00439	0.0298788	2.35194	2.35194	0.23077	1.52311	1.52311	0.176605	1.61732	1.61732	0.853183	1.06397	1.06397	0.188959	1.59328	1.59328	2.74292	4.86623	1.57698	1
cg16664455	GRID2	0.0850774	0.777197	1.05692	1.05692	0.0634934	0.66535	-1.50251	0.0230753	0.6850182	-1.46023	0.0592915	0.660047	-1.51504	0.0779306	0.6823353	-1.46551	0.141864	0.73482	-1.36068	0.2036312	1.29928	1.29928	0.255184	0.7931112	-1.26086	0.701017	1.07848	1.07848	2.74288	1.65386	0.533967	1
cg20253659	LTBP1	0.0850781	0.938639	0.975112	-1.02552	0.0541016	0.245545	2.04545	0.198449	1.56031	1.56031	0.440366	1.29379	1.29379	0.671326	0.860602	-1.14995	0.102763	0.557464	-1.79384	0.0195313	0.396973	-2.51906	0.834072	1.07108	1.07108	0.141569	0.596051	-1.67771	2.74288	4.65498	1.50855	1
cg08991615	GDPD5	0.0850789	0.614096	0.831539	-1.20292	0.120706	1.84158	2.84158	0.408383	1.95816	1.95816	0.910204	0.960552	-1.0314	0.00600988	0.2718454	-3.67845	0.240026	0.639956	-1.56261	0.170737	0.58004	-1.69768	0.324702	0.6934423	-1.44629	0.176152	0.593448	-1.68507	2.74287	5.71871	1.85328	1
cg07494248	HSPG1;HSPE1;HSPG1	0.0850789	0.57277	0.872135	-1.14661	0.0868571	1.57454	1.57454	0.315004	1.28329	1.28329	0.207202	0.726644	-1.37619	0.159081	1.4352	1.4352	0.144643	0.26181	2.06181	0.161199	0.6982149	-1.43223	0.320575	0.7816622	-1.27939	0.970164	1.00902	1.00902	2.74286	2.50361	0.811354	1
cg23271998	TSC1	0.0850803	0.691338	1.19312	1.19312	0.208581	1.92268	1.35298	0.385052	0.674196	-1.48294	0.361777	0.660465	-1.51402	0.0180745	0.3837	-2.56253	0.385374	1.48253	1.48253	0.0141657	0.3268637	-3.39879	0.107281	0.4594423	-2.17665	0.68347	1.19887	1.19887	2.74285	8.50395	2.75592	1
cg09647128	WHSC1L1	0.0850813	0.044579	0.763757	-1.30933	0.0240535	0.730176	-1.36953	0.6680861	0.950843	-1.0517	0.950188	0.992726	-1.00733	0.0233301	0.726198	-1.37703	0.400443	0.905081	-1.10487	0.122101	1.21629	1.21629	0.632937	0.945325	-1.05784	0.783396	1.03272	1.03272	2.74283	0.593185	0.192237	1
cg02546134	ALDH1L1	0.0850814	0.0158954	1.28282	1.28282	0.134066	1.14599	1.14599	0.0694022	0.842564	-1.18685	0.344796	1.08553	1.08553	0.178931	0.8865349	-1.12797	0.945901	0.994293	-1.00574	0.545479	0.949708	-1.05296	0.257496	0.905146	-1.10479	0.422171	0.933188	-1.0716	2.74283	0.308976	0.100132	1
cg18177887	CCDC49;CCDC49	0.0850819	0.9959007	1.00411	1.00411	0.0420382	0.47585	2.12382	0.1882	1.88004	1.88004	0.0845723	1.08679	1.08679	0.429121	0.9646497	-1.03665	0.614701	0.918914	-1.08824	0.0538287	0.6967	-1.44015	0.510797	1.115755	1.115755	0.383786	1.16043	1.16043	2.74282	1.20582	0.390778	1
cg09852158	CALY	0.085062	0.0208862	0.788675	-1.26765	0.0350508	0.587795	-1.70127	0.660313	1.10042	1.10042	0.0087284	2.06009	2.06009	0.0400842	0.830559	-1.20401	0.751506	0.17116	0.07116	0.253694	1.29424	1.29424	0.823724	0.952872	-1.04946	0.922636	1.02124	1.02124	2.74277	2.03379	0.65912	1
cg24064374	RP11-2B6.1;RASAL1;RSAM1	0.0850863	0.240955	0.538036	-1.85861	0.0589589	2.7943	2.7943	0.873644	1.08437	1.08437	0.401114	0.647967	-1.54329	0.135114	0.4433359	-2.25536	0.956214	0.97884	-1.02167	0.0174193	0.2318357	-4.31343	0.0423937	0.287248	-3.48131	0.0408662	0.650913	-1.5363	2.74276	11.0949	3.5892	1
cg08194212	YTHDC1;YTHDC1	0.085087	0.739474	1.3986336	-1.1128	0.342089	0.7309	-1.36818	0.720719	0.891402	-1.12183	0.141658	1.65876	1.65876	0.934398	1.02637	-1.02671	0.13483	1.37509	1.37509	0.00541179	0.2295	3.2295	0.0398193	0.14051	2.14051	0.817549	1.07065	1.07065	2.74276	4.45492	1.44378	1
cg10237817	TDRD10;TDRD10	0.0850901	0.0468659	0.369779	-2.70431	0.59412	0.730434	-1.26513	0.223886	0.571951	-1.7484	0.425949	0.700846	-1.42685	0.0316868	0.346313	-2.88757	0.128741	0.487797	-2.05003	0.00967783	0.2389883	-4.18441	0.037212	0.34732	-2.87919	0.123301	0.481941	-2.07494	2.74271	8.30478	2.69151	1
cg10803577	HOXD4	0.0850902	0.0399189	0.878	0.878	0.425584	0.473271	-2.11295	0.615967	0.708543	-1.41127	0.449205	0.749025	-1.33435	0.0233121	0.536443	-1.86429	0.158809	0.249906	-4.00151	0.0188674	0.00124	-8.06124	0.0064318	0.1770281	1.17029	0.649948	1.52209	1.52209	2.74271	36.7222	11.9021	1
cg17980184	PTPRN2;PTPRN;2-PTPRN2	0.0850906	0.0352524	0.20869	0.20869	0.4194	0.788208	-1.2687	0.353111	0.759102	-1.31735	0.326727	1.3392	1.3392	0.0602793	0.542677	-1.84272	0.551813	0.840585	-1.18965	0.743108	1.09952	1.09952	0.0671432	1.80739	1.80739	0.107924	0.6028898	-1.65866	2.74271	3.61467	1.17149	1
cg26469597	CD28P2;CD28P2	0.0850912	0.0394648	0.287577	-3.47783	0.69606	1.15667	1.15667	0.0623277	0.4605714	-2.17243	0.11914	0.534133	-1.87205	0.0706536	0.173837	-5.75497	0.55839	0.802583	-1.24536	0.0419971	0.3444642	1.34446	0.152403	0.5606556	-1.76505	0.134022	1.47114	1.47114	2.7427	5.97061	1.91913	1
cg17276853	TMEM132E	0.0850913	0.317365	0.209335	0.209335	0.0990708	1.00326	1.00326	0.0221007	0.389154	-2.56968	0.680352	1.3446	1.3446	0.0944611	0.72014	-1.38904	0.0711967	4.22258	4.22258	0.0118276	0.43817	-2.28211	0.0367689	5.6633	5.6633	0.425422	1.78919	1.78919	2.7427	22.1915	7.19211	1
cg07456314	PLD2	0.0850923	0.675377	1.07155	1.07155	0.971573	1.00586	1.00586	0.0127511	0.6018864	-1.6615	0.189427	1.25618	1.25618	0.03422	1.49987	1.49987	0.683886	0.93504	-1.06947	0.174229	0.7888873	-1.26763	0.8189368	1.03833	1.03833	0.364556	0.858241	-1.16517	2.74268	1.16935	0.378979	1
cg20449694	MGAT5B;MGAT5B	0.0850939	0.0151115	0.682644	-1.46521	0.418861	1.31331	1.31331	0.582248	1.07056	-1.07366	0.820181	1.066	1.066	0.0572169	0.7040584	-1.35029	0.426706	1.10941	1.10941	0.0673332	1.29987	1.29987	0.704384	1.12426	1.12426	0.17486	0.702888	0.2309097	1			
cg21941844	PHIP1;A2	0.0850944	0.162906	1.35358	1.35358	0.817353	0.954067	-1.04814	0.439088	0.8518	-1.17399	0.437628	0.851346	-1.17461	0.694186	0.9020353	-1.10858	0.151003	0.731397	-1.36725	0.210661	1.30747	1.30747	0.388929	0.8357714	-1.19658	0.00481424	0.467553	-2.1389	2.74266	1.7946	0.581624	1
cg01138902	CLEC12B;CLEC12B	0.0850947	0.141561	1.0855156	1.65747	0.1654048	0.435245	1.35199	0.0833264	0.5126	-1.95	0.0833264	0.485844	2.06	0.0172258	0.2329239	4.31	0.815871	1.42568	1.42568	0.0156	0.6122007	-1.63327	0.0156	0.4158866	2.4055	2.4055	0.0198887	0.1499173	0.610275	-1.63861	2.74265	4.47555	1.63496	1
cg07106490	GPRC5B	0.0850949	0.492068	1.1683	1.1683	0.027407	1.789	1.789	0.00967257	2.07469	2.07469	0.182953	1.37028	1.37028	0.200051	0.739518	1.35223	0.61324	1.12033	1.12033	0.359347	1.23379	1.23379	0.0850986	1.52664	1.52664	0.847634	1.04381	1.04381	2.74265	2.15849	0.699564	1
cg08927844	CNKSR3	0.0850969	0.0521981	0.108373	-7.64099	0.0344638	0.0304552	-32.8352	0.0729237	0.158501	-6.3091	0.480104	0.517068	-1.93398	0.111531	0.202694	9.93555	0.101324	0.191663	-5.21749	0.129172	0.220949	-4.52593	0.200519	0.28792	-3.47318	0.319525	0.387806	-2.57861	2.74262	36.8319	11.9373	1
cg01159294	KCTD16	0.085099	0.333021	1.422722	1.422722	0.0523037	1.71838	1.71838	0.0523037	0.794561	1.10643	1.10643	0.802958	0.660568	-1.03134	0.0402995	2.48482	0.0466258	0.0744718	-1.35004	0.0162638	0.0466568	-2.05479	0.177487	1.55004	1.55004	0.162357	0.7425519	0.405344	1.7539	2.74262	5.40534	1.7539	1
cg25398598	PPP2R5D;PPP2R5D;PPP2R5D	0.085105	0.0288988	2.83399	2.83399	0.0717544	0.443555	-2.25451	0.751353	1.13716	1.13716	0.0573759	2.38502	2.38502	0.0924285	2.11456	2.11456	0.355176	1.46902	1.46902	?	?	?	0.518722	0.767564	-1.30282	0.818971	0.911469	-1.09713	2.75737	6.38843	2.30183	1
cg26327503	TMEM156	0.0850953	0.0581883	0.632481	-1.58108	0.216224	0.756941	-1.32111	0.0586839	0.633195	-1.57929	0.21233	1.32458	1.32458	0.0941908	0.5478061	-1.82528	0.441464	0.845392	-1.18288	0.110938	0.6896223	-1.45007	0.901994	1.02693	1.02693	0.071301	0.64862	-1.54173	2.74251	1.98881	0.644603	1
cg04019522	IN1;BIN1;BIN1	0.0851094	0.628293	1.20555	1.20555	0.642541	1.19615	1.19615	0.570534	0.8027985	-1.24566	0.0188729	2.97361	2.97361	0.377152	0.706631	-1.41516	0.0814461	2.09661	2.09661	0.433534	1.35828	1.35828	0.0204635	2.91587	2.91587	0.0594821	2.25939	2.25939	2.74246	6.37725	2.667	1
cg13213419	C1orf109	0.0851144	0.558746	1.78967	1.78967	0.3398	1.27717	1.27717	-1.20237	0.3103053	-3.22145	0.0184547	0.64354	-1.55357	0.0239311	0.3824846	-2.61496	0.1400911	0.5167681	-1.93531	0.0176504	0.2126224	-4.70146	0.0313171	0.1818919	0.643403	0.2367	0.2367	0.2367	0.2367	0.2367	0.2367	2.74246	2.06756	0.670146	1
cg03428279	PRAMEF1;PRAMEF1	0.0851114	0.122749	0.462577	-2.1618	0.342791	0.637255	-1.56923	0.0161071	0.233487	-4.2829	0.816949	0.898622	-1.11281	0.0615322	0.386998	-2.58399	0.648444	0.809272	-1.23568	0.022799	0.2684638	-3.51509	0.261367	0.548946	-1.82167	0.0340005	0.319531	-3.12959	2.74243	9.23142	2.99213	1
cg24608381	NXPH2	0.0851115	0.0338514	0.497195	-2.01127	0.0988641	0.464554	-2.15302	0.0543158	0.5168	-1.93468	0.107424	0.567338	-1.76206	0.0152239	0.2815871	-3.55048	0.0213097	0.1273547	-7.85626	0.0130157	0.0122186	-8.18117	0.0230157	0.122186	0.0122186	0.0230157	0.329626	0.1226	2.74243	81.5626	20.2899	1
cg18367493	USMG5	0.0851161	0.805126	1.05927	1.05927	0.21985	0.740444	-1.35054	0.0476953	0.590118	-1.69458	0.798101	1.06156	1.06156	0.026954	0.5423439	-1.84081	0.994505	1.00161	1.00161	0.0336824	1.78211	1.78211	0.168118	0.71025	-1.40796	0.620606	0.890276	-1.12325	2.74236	2.35647	0.763808	1
cg15774489	SERHL	0.085121	0.0220302	0.117907	-8.48123	0.34005	0.465143	-2.14587	0.0488872	0.173648	-5.75877	0.13404	0.284264	-3.51785	0.00875518	0.074316	-13.456	0.104906	0.251718	-3.9727	0.169002	0.1129585	-8.85211	0.0783178	0.2199	0.2199	0.0192293	0.118673	0.267534	-3.73784	2.74229	26.3177	8.53067	1
cg09447622	TCP11;TCP11	0.0851227	0.7354371	1.3599	1.3599	0.4255844	0.497245	2.01245	0.1425	1.65226	1.65226	0.4473376	0.9602	0.9602	0.7901290	0.8215871	-1.21692	0.8458444	1.21559	1.21559	0.2239239	0.8225	1.2225	0.6917161	0.8225	1.2225	0.6917161	0.8225	1.2225	0.6917161	2.74229	1.14286	0.4125	1.17287	1
cg13432911	LSM6	0.0851232	0.3345581	0.580193	-1.72356	0.352928	1.68684	1.68684	0.309197	0.562321	-1.77834	0.67689	1.25764	1.25764	0.00930379	0.1645055	-6.07883	0.387321	0.615875	-1.62371	0.614069	0.7571851	-1.32068	0.0446038	1.53037	1.53037	0.411181	1.58357	1.58357	2.74227	12.9958	4.21249	1
cg06321208	DHCR7;DHCR7	0.0851257	0.121257	0.4966	-2.01398	0.0970986	0.470586	-2.17865	0.0133284	0.4115691	-2.42318	0.0064266	0.6542064	-1.52763	0.0053703	0.1825	-5.48012	0.0758663	0.2729883	-3.66494	0.0156818	0.1107113	-9.03128	0.0042955	0.1261	0.1261	0.0696821	0.0995121	0.0494	2.74227	20.2345	5.82445	1
cg10213302	ZFYVE26;ZFY	0.0851274	0.0434393	0.3156523	-3.16834	0.134706	0.227231	1.22731	0.480432	1.42784	1.42784	0.329636	0.717551	1.71755	0.0995396	0.325038	3.25038	0.054702	0.1388775	-2.95094	0.568238	1.33162	1.33162	0.99518	0.9970005	-1.003	0.358556	1.59807	1.59807	2.74221	10.7087	3.47121	1
cg14593418	TPPP	0.0851277	0.851778	1.04777	1.04777	0.0167366	2.07193	2.07193	0.848709	0.953477	-1.04879	0.666268	0.897416	-1.11431	0.189589	0.7070379	-1.41427	0.574705	1.15192	1.15192	0.0806471	1.88415	1.88415	0.111833	0.6492448	-1.54024	0.468053	0.831785	-1.20223	2.74221	2.70252	0.876022	1
cg08512952	CTS2	0.0851292	0.1228392	0.4966	-2.01398	0.0970986	0.470586	-2.17865	0.0133284	0.4115691	-2.42318	0.0064266	0.6542064	-1.52763	0.0053703	0.1825	-5.48012	0.0758663	0.2729883	-3.66494	0.0156818	0.1107113	-9.03128	0.0042955	0.1261	0.1261	0.0696821	0.0995121	0.0494	2.74221	20.2345	5.82445	1
cg10213302	ZFYVE26;ZFY	0.0851274	0.0434393	0.3156523	-3.16834	0.134706	0.227231	1.22731	0.480432	1.42784	1.42784	0.329636	0.717551	1.71755	0.0995396	0.325038	3.25038	0.054702	0.1388775	-2.95094	0.568238	1.33162	1.33162	0.99518	0.9970005	-1.003	0.358556	1.59807	1.59807	2.74221	10.7087	3.47121	1
cg14593418	TPPP	0.0851277	0.851778	1.04777	1.04777	0.0167366	2.07193	2.07193	0.848709	0.953477	-1.04879	0.666268	0.897416	-1.11431	0.189589	0.7070379	-1.41427	0.574705	1.15192	1.15192	0.0806471	1.88415	1.88415	0.111833	0.6492448	-1.54024	0.468053	0.831785	-1.20223	2.74221	2.70252	0.876022	1
cg16657507	TFDP1;TFDP1	0.0851292	0.223423	1.43719	1.43719	0.425276	0.513586	-1.62107	0.0209961	0.4486602	-2.06779	?	?	?	?	0.0439183	3.919	0.150583	0.3014	-3.31684	0.0149407	0.0479612	-3.32192	0.0403169	0.1731	0.1731	0.0743976	0.0996736	-1.00428	0.923494	1.08281	0.915184	1
cg17155577	LRRC20;LRRC20;LRRC20	0.0851369	0.886359	1.05335	1.05335	0.675531	0.568448	-1.55918	0.240747	0.834209	-1.19849	0.104766	1.90488	1.90488	0.274744	0.87941	-1.13713	0.102635	0.552494	-1.81039	0.062713	0.0483211	-5.54342	0.037771	0.7196651	-1.38956	0.0627013	0.983151	-1.01714	2.74209	5.73762	1.8994	1
cg22031252	MYO1D	0.0851374	0.122648	0.605844	-1.65059	0.431615	0.78627	-1.27183	0.40863	0.77632	-1.28813	0.534728	1.21301	1.21301	0.0073087	0.3548083	-2.81846	0.0528632	0.517253	-1.93329	0.160542	0.6382115	-1.56687	0.276909	1.40324	1.40324	0.259277	0.702876	-1.42273	2.74208	3.89764	1.26348	1
cg04374006	RHPN2	0.0851384	0.555841	1.08766	1.08766	0.285217	0.781708	-1.27917	-1.20237	0.3103053	-3.22145	0.0184547	0.64354	-1.55357	0.0239311	0.3824846	-2.61496	0.1400911	0.5167681	-1.93531	0.0176504	0.2126224	-4.70146	0.0313171	0.1818919	0.643403	0.2367	0.2367	0.2367	0.2367	0.2367	0.2367	2.74208	2.06756	0.670146	1
cg21964798	UPCAT1	0.085144	0.119383	1.6321	1.6321	0.0299109	0.483633	-2.06768	0.0954207	0.68356	-1.68356	0.542335	1.1917	1.1917	0.176769	1.50425	1.50425	0.799145	0.930062	-1.0752	0.642398	0.8102884	-1.23413	0.406594	0.7855115	-1.27305	0.0519591	1.8753	1.8753	2.74199	3.51143	1.13832	1
cg13990482	UBR4	0.0851468	0.272777	0.625246	-1.65902	0.249892	1.17455	1.17455	0.342093	0.647629	-1.5441	0.871937	0.991519	-1.07015	0.0150529	0.2655505	-3.7664	0.102448	0.424432	-2.21553	0.0979745	0.2827554	-3.4776	0.0902301	0.4794975	-2.08561	0.2479195	0.5342052	-1.87205	2.74199	8.53405	2.72305	1
cg22266877	KCNK4	0.0851493	0.7755169	1.09337	1.09337	0.0298373	1.22162	1.22162	0.0165135	2.49581	2.49581	0.0172999	4.47285	4.47285	0.0175611	1.57534	1.57534	0.093197	1.78014	1.78014	0.484774	0.5557227	-1.04632	0.6898222	1.51346	1.51346	0.20784	1.51394	1.51394	2.74192	2.41474	1.13284	1
cg14966992	RUVBL1	0.0851552	0.0188782	0.658784	-1.43723	0.145994	1.22026	1.22026	0.0981485	1.26034	1.26034	0.0623843	0.765267	-1.30673	0.736439	0.95783	-1.04403	0.537724	1.08292	1.08292	0.173217	1.20555	1.20555	0.897333	0.98367	-1.0166	0.888542	1.01805	1.01805	2.74184	0.7063936	0.22901	1
cg22032188	CHD1;CHD1	0.0851555	0.721079	1.045532	1.045532	0.0897281	0.481161	-1.9497	0.0139213	0.6423507	-1.55674	0.0880818	0.9725257	-1.02804	0.0254485	0.3898	-2.56597	0.0592979	1.19467	1.19467	0.0307014	0.4082	-2.45019	0.0886526	1.40982	1.40982	0.0136455	0.3555166	0.861905	-1.16051	2.74184	3.0007	1.34669	1
cg04002187	RPL37	0.0851569	0.722127	1.04795	1.04795	0.422253	0.113551	-1.31351	0.0747844	1.29733	1.29733	0.121777	1.2466	1.2466	0.148392	1.22548	1.22548	0.182061	1.83046	-1.20415	0.922816	0.9873691	-1.01279	0.00762637	1.58555	1.58555	0.725432	0.954804	-1.04734	2.74182	0.747054	0.242193	1
cg06912217	DBT;DBT	0.0851742	0.472064	0.8484011	-1.17907	0.0168842	2.12209	2.12209	0.0504284	1.30119	1.30119	0.470964	1.17856	1.17856	0.0854898	-1.16973	0.0140232	0.340783	-2.93577	0.0155731	0.0454898	-3.19473	0.734887	1.36375	1.10374	1.56835	-1.79948	0.0155144	0.440694	-2.12452	2.74178	21.3588	5.69748	1
cg03593180	STX1A;STX1A	0.0851765	0.424478	1.59721	1.59721	0.0445242	2.26549	-3.76012	0.0674646	0.407038	-2.47036	0.0731856	1.5612	1.5612	0.0408502	-1.65103	0.7775055	0.8496414	1.17701	0.8654346	1.102277	1.10227	0.16723	2.32853	0.321249	0.555266	-1.80094	0.0282648	0.442325	2.42325	2.74155	24.3099	4.63966	1
cg12075337	TUBA1C;TUBA1C	0.0851779	0.571064	1.52107	1.52107	0.757637	0.797257	-1.2543	0.901062	1.0954	1.0954	0.66759	1.3312	1.3312	0.0451631	0.1856574	-5.3858	0.428891	1.807	1.807	0.0173054	0.36414	0.36414	0.233425	0.400397	-2.49752	0.0511146	0.581886	0.58188	0.745153	23.3057	7.55641	1
cg17655005	PMP22;PMP22;PMP22	0.0851788	0.175838	0.765427	-1.30607	0.0944243	0.5167	1.20118	0.0814573	1.01116	0.0144744	0.9888881	1.0167	1.0167	0.0825252	0.4104967	-2.43639	0.0034266	2.17633	2.17633	0.0246467	0.4363	-2.29179	0.0382812	1.17077	1.17077	0.736083	1.06815	1.06815	2.74151	6.40403	0.534669	1
cg20065905	PDXK2	0.0851819	0.439382	1.26903	1.26903	0.211624	1.48816	1.48816	0.204966	1.49786	1.49786	0.554232	1.1981	1.1981	0.865704	1.05247	1.05247	0.167347	1.55997	1.55997	0.00372421	1.32618	3.26618	0.047607	1.98144	1.98144	0.0580672	1.91012	1.91012	2.74148	3.96281	1.28489	1
cg18759190	DYRK1B;DYRK3	0.0851824	0.0820186	0.87	0.87	0.4255844	0.497245	2.01245	0.1425	1.65226	1.65226	0.4473376	0.9602	0.9602	0.7901290	0.8215871	-1.21692	0.8458444	1.21559	1.21559	0.2239239	0.8225	1.2225	0.6917161	0.8225	1.2225	0.6917161	0.8225	1.2225	0.6917161	2.74148	1.14286	0.4125	1.17287	1
cg17531288	ROCK2	0.0851844	0.709231	0.896457	-1.1155	0.947842	0.98109	-1.01927	0.0153565	2.38321	2.38321	0.76878	1.09023	1.09023	0.27148	0.716011	-1.39663	0.592167	1.02109	1.02109	0.0122758	0.75192	0.75192	0.944902	1.0125	1.0125	0.177302	0.7727773	-1.29404	2.74144	1.40319	0.454973	1
cg06935051	LSM10;LC8SD1	0.0851857	0.8356566	1.05356	1.05356	0.6998376	1.19335	1.19335	0.5180095	0.8104023	-1.23393	0.1582	1.15826	1.15826	0.0437253	0.3380717	-2.95826	0.4481062	1.30717	1.30717	0.0455	0.5167	-1.93603	0.0455	1.15311	1.15311	0.536764	1.10748	1.10748	0.4674667	1.12202	1.12202	0.74138	1.1565	0.374995	1
cg26345216	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.085194	0.408563	0.73061	-1.36872	0.140795	1.80086	1.80086	0.380195	1.3969	1.3969	0.197127	0.602712	-1.65917	0.0246446	0.370231	-2.70102	0.481062	1.30467	1.30467	0.0249528	0.3271305	-2.69321	0.517293	0.78366	-1.27606	0.410645	1.36673	1.36673	2.74132	5.98652	1.94116

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16731692	MYO9A	0.0852899	0.819597	0.914187	-1.09387	0.0572242	2.32778	2.32778	0.0196798	3.02409	3.02409	0.973766	0.987168	-1.013	0.200331	0.587844	-1.70113
cg02370551	MED16	0.0852916	0.013157	0.393304	-2.54256	0.271521	1.41545	1.41545	0.341193	1.34677	1.34677	0.0154153	0.405618	-2.46537	0.732761	0.901194	-1.10964
cg14039773	ZNF620;ZNF620	0.085292	0.722834	1.05542	1.05542	0.0927233	0.755643	-1.32338	0.023241	1.50811	1.50811	0.866063	0.974757	-1.0259	0.274662	1.18785	1.18785
cg13955432	ANKRD7;ANKRD7	0.0852924	0.240193	1.37558	1.37558	0.0262848	1.98056	1.98056	0.242199	1.37354	1.37354	0.167825	1.464	1.464	0.976101	0.992262	-1.0078
cg10506318	ERCC8;NDUFAF2	0.0852927	0.0636088	0.297266	-3.36399	0.693791	0.794391	-1.25883	0.0712661	0.309763	-3.22827	0.347006	0.56933	-1.75645	0.0535257	0.279284	-3.58058
cg14987112	MYT1L	0.085293	0.768142	0.925059	-1.08101	0.0126025	2.26458	2.26458	0.0592873	1.75252	1.75252	0.155848	0.670258	-1.49196	0.102093	0.624084	-1.60235
cg20021513	DHRS4	0.0852934	0.394405	0.824129	-1.2134	0.50634	1.16127	1.16127	0.713406	1.08524	1.08524	0.733538	1.07871	1.07871	0.0564255	0.619428	-1.61439
cg13716026	TMC1	0.0852939	0.0757712	0.16915	-5.91192	0.693635	1.42755	1.42755	0.796349	0.792533	-1.26178	0.161522	0.260755	-3.83502	0.0455041	0.127188	-7.86238
cg00741333	C6orf108;C6orf108	0.0852944	0.0185206	0.310951	-3.21594	0.14932	1.88212	1.88212	0.838525	0.919932	-1.08704	0.248434	1.63799	1.63799	0.651744	1.20422	1.20422
cg05100846	WDR20;WDR20;WDR20;WDR20	0.0852967	0.316666	1.65392	1.65392	0.0136607	4.40404	4.40404	0.388339	1.53683	1.53683	0.0818923	2.5524	2.5524	0.330332	1.62944	1.62944
cg04384234	CFDP1	0.0852985	0.38098	0.639662	-1.56333	0.500864	1.40456	1.40456	0.547953	1.35298	1.35298	0.733317	0.843622	-1.18537	0.0229942	0.258677	-3.86582
cg05171197	HDAC4	0.0853033	0.143868	3.76833	3.76833	0.320141	2.3819	2.3819	0.312431	2.41762	2.41762	0.167766	3.46295	3.46295	0.0958122	4.69024	4.69024
cg06994090	F2R	0.0853044	0.533088	1.0853	1.0853	0.636911	1.06359	1.06359	0.115211	1.24864	1.24864	0.0703165	0.769278	-1.29992	0.0559845	0.755264	-1.32404
cg18437710	KLK10;KLK10;KLK10;KLK1(	0.0853049	0.559839	1.17425	1.17425	0.129995	1.5614	1.5614	0.298277	1.34142	1.34142	0.207871	0.696435	-1.43588	0.20176	0.692645	-1.44374
cg19859698	PRKCH	0.0853069	0.0529436	0.287718	-3.47563	0.653023	1.29215	1.29215	0.027874	0.229498	-4.35733	0.148078	0.415283	-2.408	0.0855489	0.340819	-2.93411
cg25726699	C6orf217	0.0853078	0.0911935	0.534262	-1.87174	0.00528553	0.289701	-3.45184	0.0946573	0.5385	-1.85701	0.298483	0.695498	-1.43782	0.499099	0.793583	-1.26011
cg01163597	SLC22A23	0.0853085	0.0199554	1.38046	1.38046	0.290746	1.13411	1.13411	0.773061	1.03375	1.03375	0.148097	1.19494	1.19494	0.388854	1.10669	1.10669
cg04321753	GABBR1;GABBR1;GABBR1	0.0853091	0.0608501	1.64321	1.64321	0.632125	1.12004	1.12004	0.370732	0.805708	-1.24114	0.390578	1.2297	1.2297	0.0173255	1.97629	1.97629
cg27177997	RBPJ;RBPJ;RBPJ;RBPJ	0.0853141	0.566813	0.943501	-1.05988	0.380277	0.913557	-1.09462	0.318615	1.10909	1.10909	0.0388079	0.786366	-1.27167	0.907078	1.0118	1.0118
cg27281093	USP18	0.0853142	0.0684282	0.349226	-2.86347	0.0235438	4.03392	4.03392	0.604788	0.763963	-1.30896	0.625612	1.28863	1.28863	0.541438	1.37545	1.37545
cg06315974	ADAR	0.0853169	0.138638	0.522239	-1.91483	0.812162	0.907546	-1.10187	0.723878	0.865416	-1.15551	0.130908	1.94384	1.94384	0.0545072	0.411085	-2.43259
cg26390050	ZC3H3	0.0853178	0.735662	1.08885	1.08885	0.118667	0.653429	-1.53039	0.0701936	0.601395	-1.6628	0.275786	0.752156	-1.32951	0.0342744	0.537705	-1.85975
cg00905170	RRS1;RRS1	0.0853183	0.0893579	0.810741	-1.23344	0.0124126	1.41701	1.41701	0.0455332	1.29285	1.29285	0.670752	1.04906	1.04906	0.780205	0.969152	-1.03183
cg12630596	YTHDC2	0.0853207	0.0166675	0.345445	-2.89482	0.185965	0.600527	-1.6652	0.304438	0.679259	-1.47219	0.659708	0.851178	-1.17484	0.105388	0.525526	-1.90286
cg15150336	KIAA1688	0.0853212	0.0959697	0.751735	-1.33026	0.350508	0.860716	-1.16182	0.668471	0.934967	-1.06956	0.142313	0.78177	-1.27915	0.513276	0.90169	-1.10903
cg15676735	ZBTB3	0.0853229	0.691789	1.06328	1.06328	0.415692	0.879757	-1.13668	0.106943	1.3113	1.3113	0.423108	1.13428	1.13428	0.505603	0.901209	-1.10962
cg21315873	WDR69	0.0853244	0.18659	0.393557	-2.54093	0.342672	0.521448	-1.91774	0.37947	0.54853	-1.82306	0.0559644	0.236443	-4.22935	0.161345	0.369257	-2.70814
cg08862564	CREB1;CREB1	0.0853253	0.0910024	0.797456	-1.25399	0.210629	0.851837	-1.17393	0.356649	0.891138	-1.12216	0.590073	1.06835	1.06835	0.155129	0.831141	-1.20317
cg16922688	GABBR1;GABBR1;GABBR1	0.0853266	0.231288	0.614314	-1.62783	0.619446	1.21444	1.21444	0.999502	0.999758	-1.00024	0.0310497	2.67058	2.67058	0.0424576	0.403841	-2.47622
cg21394787	CLSPN	0.0853285	0.32654	1.13094	1.13094	0.0408646	0.750707	-1.33208	0.7552	1.03873	1.03873	0.366006	1.11944	1.11944	0.633274	1.06013	1.06013
cg23255280	DOLK;NUP188	0.0853306	0.123387	1.43229	1.43229	0.564976	0.882291	-1.13341	0.305438	1.25664	1.25664	0.75845	1.06866	1.06866	0.177226	1.3617	1.3617
cg24548517	PDE4D	0.0853307	0.512315	0.871506	-1.14744	0.816189	1.04937	1.04937	0.32181	0.809108	-1.23593	0.474583	0.860283	-1.16241	0.00596564	0.475225	-2.10427
cg14171727	EPB41L4B	0.0853313	0.027949	0.155172	-6.44447	0.29582	0.459435	-2.17658	0.139764	0.319825	-3.12671	0.0972219	0.27095	-3.69072	0.0449552	0.191876	-5.21169
cg27202210	CHRNB4	0.0853318	0.0417757	14.1801	14.1801	0.0859402	8.53716	8.53716	0.183841	4.91991	4.91991	0.0567701	11.4342	11.4342	0.0860898	8.52665	8.52665
cg14103106	LOC113230	0.0853333	0.0372618	0.341473	-2.92849	0.16687	1.92507	1.92507	0.556873	0.767924	-1.30221	0.708497	0.846274	-1.18165	0.00999493	0.235635	-4.24386
cg26544607	ARRDC3;LOC100129716;ARRDC3	0.0853353	0.0852861	0.737433	-1.35606	0.370815	1.1585	1.1585	0.984499	1.00312	1.00312	0.0218602	0.643731	-1.55344	0.177024	0.794749	-1.25826
cg06219206	SOX5	0.0853358	0.113036	0.386828	-2.58513	0.129814	0.406105	-2.46242	0.50983	0.692001	-1.44508	0.914555	0.942611	-1.06088	0.00410561	0.120014	-8.33235
cg17426923	CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0853368	0.342581	0.766995	-1.30379	0.22531	0.70788	-1.41267	0.0442076	0.53414	-1.87217	0.119653	1.58106	1.58106	0.0425216	1.88447	1.88447
cg19808483	SSC5D	0.0853375	0.0257095	0.567305	-1.76272	0.670829	0.912586	-1.09579	0.676722	0.914191	-1.09386	0.476631	0.856548	-1.16748	0.617757	0.897945	-1.11365
cg03666203	EPS8L1;EPS8L1	0.0853387	0.110052	0.272258	-3.67299	0.0600719	0.205083	-4.87607	0.118861	0.282398	-3.5411	0.247524	2.46723	2.46723	0.192657	0.357038	-2.80083
cg24631870	ATR;ATR	0.0853389	0.0935653	1.58756	1.58756	0.251848	0.742614	-1.3466	0.238565	0.735662	-1.35932	0.579132	0.870612	-1.14862	0.212378	1.38672	1.38672
cg05426966	CDKL2	0.0853408	0.388217	1.95153	1.95153	0.043193	5.80388	5.80388	0.0427831	5.82992	5.82992	0.228837	2.59816	2.59816	0.417454	0.534465	-1.87103
cg23956648	IGF2BP2;IGF2BP2	0.0853433	0.0818085	0.229269	-4.36169	0.723575	0.762453	-1.31156	0.143519	0.301056	-3.32165	0.298748	0.439301	-2.27634	0.0376662	0.158601	-6.30514
cg04723721	ABCA2;ABCA2	0.0853438	0.828549	0.947841	-1.05503	0.0813817	1.61146	1.61146	0.537042	1.16694	1.16694	0.0707071	0.607241	-1.64679	0.0185216	0.493909	-2.02466
cg10192483	PMS2L11	0.0853446	0.532701	1.8006	1.8006	0.00658779	26.6726	26.6726	0.0123982	18.1179	18.1179	0.146181	4.27099	4.27099	0.722428	0.717523	-1.39368
cg21111471	FLRT1;MACROD1	0.085345	0.223834	0.699452	-1.42969	0.00396098	0.338276	-2.95617	0.18645	0.675862	-1.47959	0.782657	1.08042	1.08042	0.0715989	0.569653	-1.75546
cg08519385	HAS1	0.0853454	0.0904251	0.229808	-4.35146	0.0566179	0.182541	-5.47822	0.157236	0.303552	-3.29433	0.223555	0.364984	-2.73985	0.120038	0.264672	-3.77826
cg19709354	ASNSD1	0.0853461	0.688718	1.10224	1.10224	0.156816	1.44208	1.44208	0.70131	1.09764	1.09764	0.858814	1.04398	1.04398	0.0797641	0.624981	-1.60005
cg10093648	ASPHD1	0.0853465	0.3285	1.4879	1.4879	0.0264886	2.81918	2.81918	0.345759	1.46605	1.46605	0.504503	1.30583	1.30583	0.818363	0.913355	-1.09486
cg13681776	ADARB2	0.0853472	0.109215	0.339274	-2.94747	0.0337122	4.64077	4.64077	0.0372851	4.46414	4.46414	0.776571	1.19254	1.19254	0.0466439	0.244152	-4.09581
cg05166354	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.0853508	0.0364042	0.528957	-1.89051	0.0808435	0.602359	-1.66014	0.0577057	0.570116	-1.75403	0.185775	0.692562	-1.44391	0.0622473	0.57719	-1.73253
cg10325088	GPATCH2	0.085353	0.0783694	0.289511	-3.4541	0.710066	0.789204	-1.2671	0.0335627	0.207232	-4.82551	0.319083	0.520615	-1.92081	0.0117015	0.13576	-7.36593
cg11974068	WDR60	0.0853555	0.526527	0.85512	-1.16943	0.0210279	0.508144	-1.96795	0.0337009	0.546114	-1.83112	0.532278	0.857027	-1.16682	0.826285	0.947803	-1.05507
cg07964128	USP18;USP18	0.0853557	0.153799	0.647697	-1.54393	0.140597	1.56967	1.56967	0.204406	1.46364	1.46364	0.252025	0.711521	-1.40544	0.0179555	0.441341	-2.26582
cg00133970	POLM	0.085358	0.0461639	0.616153	-1.62297	0.473203	0.856728	-1.16723	0.37652	0.825013	-1.2121	0.0509742	0.624243	-1.60194	0.261176	1.28195	1.28195
cg04043336	KLHDC4	0.0853595	0.554018	1.23585	1.23585	0.00927203	3.21551	3.21551	0.0272549	2.52009	2.52009	0.048816	2.21652	2.21652	0.730751	0.884967	-1.12999
cg13032151	FLJ23834	0.08536	0.603357	0.916737	-1.09083	0.0430729	0.679746	-1.47114	0.1418	0.76953	-1.2995	0.87312	0.973843	-1.02686	0.387439	0.863363	-1.15826
cg09358975	CACNG3	0.0853606	0.324364	0.522674	-1.91324	0.245297	0.460846	-2.16992	0.0302601	0.197133	-5.07271	0.490454	0.639853	-1.56286	0.0106939	0.129347	-7.73117
cg20684312	BAT5	0.0853609	0.0285926	1.82392	1.82392	0.445918	1.19817	1.19817	0.986003	0.995926	-1.00409	0.457438	0.838552	-1.19253	0.139137	1.44832	1.44832
cg03052962	NDUFV3;NDUFV3	0.085362	0.00536179	0.543239	-1.84081	0.408144	1.15118	1.15118	0.257486	1.21731	1.21731	0.676176	1.0724	1.0724	0.891312	1.02301	1.02301
cg06722503	FLRT3;MACROD2;FLRT3	0.0853631	0.173981	0.834883	-1.19777	0.0120858	0.676768	-1.47761	0.0681418	0.775021	-1.29029	0.695664	0.952132	-1.05027	0.104024	0.801096	-1.24829
cg21476940	ITLN1;ITLN1	0.0853639	0.277335	0.607485	-1.64613	0.0146785	0.265719	-3.76337	0.379777	0.672002	-1.48809	0.839693	1.09347	1.09347	0.0100545	0.238545	-4.19208
cg19542359	SNX26	0.0853646	0.23807	0.549039	-1.82136	0.886359	0.932974	-1.07184	0.116041	2.29035	2.29035	0.0181228	0.248499	-4.02415	0.0520062	0.342142	-2.92276
cg15068428	TRIM3;TRIM3	0.0853659	0.383229	0.836402	-1.1956	0.667523	0.917284	-1.09017	0.0620441	0.657205	-1.5216	0.39927	0.841635	-1.18816	0.0217618	0.576809	-1.73368
cg24881255	RAX2;RAX2	0.0853676	0.242162	0.568444	-1.75919	0.0217779	0.28066	-3.56302	0.527144	0.744044	-1.34401	0.869427	0.926895	-1.07887	0.0509686	0.358497	-2.78942
cg00922825	SLIT1	0.0853705	0.456862	1.42544	1.42544	0.0186077	3.94567	3.94567	0.0988679	2.35463	2.35463	0.0880544	2.4395	2.4395	0.23732	0.558946	-1.78908
cg12641021	BEND7;BEND7	0.0853715	0.662261	1.09786	1.09786	0.15647	0.724704	-1.37987	0.572755	1.1287	1.1287	0.0371239	1.6721	1.6721	0.0638506	1.55661	1.55661
cg02687143	INPP5A	0.0853748	0.666514	1.13577	1.13577	0.00888338	2.65854	2.65854	0.871549	1.04866	1.04866	0.588036	0.851632	-1.17422	0.128221	0.617015	-1.62071
cg10819260	P4HA3	0.0853776	0.465608	0.878044	-1.13889	0.113949	1.35148	1.35148	0.0406325	1.51292	1.51292	0.0864762	0.717709	-1.39332	0.0844674	0.715859	-1.39692
cg13015534	ST6GALNAC1;ST6GALNAC1	0.0853784	0.431374	1.23076	1.23076	0.100179	0.627693	-1.59313	0.0636731	0.583309	-1.71436	0.295416	1.32384	1.32384	0.0785469	0.603388	-1.65731
cg24073122	TP73;WDR8	0.0853794	0.0460748	8.25226	8.25226	0.302728	2.67965	2.67965	0.156228	4.05701	4.05701	0.227732	3.21895	3.21895	0.368062	0.425862	-2.34818
cg23505798	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.0853798	0.0322783	0.32167	-3.10878	0.569829	0.771177	-1.29672	0.439368	0.699919	-1.42874	0.601986	1.26878	1.26878	0.0382107	0.337324	-2.96451
cg06511482	NOC2L	0.0853825	0.0389272	0.306899	-3.2584	0.182585	0.497116	-2.0116	0.175002	0.490284	-2.03964	0.449573	0.683361	-1.46335	0.0147691	0.227079	-4.40375
cg27264181	SLC23A3;SLC23A3;SLC23A3	0.0853911	0.00749746	0.38823	-2.5758	0.336076	1.31347	1.31347	0.0767903	0.582151	-1.71777	0.0689514	0.571499	-1.74978	0.671948	1.12423	1.12423
cg19303619	TBX3;TBX3;TBX3;TBX3	0.0853918	0.449648	1.13246	1.13246	0.030634	1.50694	1.50694	0.63703	1.07977	1.07977	0.269015	1.20427	1.20427	0.610092	1.08659	1.08659
cg24341177	DIABLO;DIABLO;DIABLO;DIABLO	0.0853922	0.174899	0.80608	-1.24057	0.00291329	1.84262	1.84262	0.131229	1.27565	1.27565	0.53097	1.09946	1.09946	0.556911	1.09282	1.09282
cg04962159	FLJ42709;FLJ42709	0.0853925	0.976373	1.00612	1.00612	0.897308	1.02695	1.02695	0.938507	0.984233	-1.01602	0.853311	1.03886	1.03886	0.0286011	1.70226	1.70226
cg19816586	SYT1;SYT1;SYT1	0.0853931	0.226422	0.649788	-1.53896	0.162634	0.602938	-1.65854	0.0471672	0.462582	-2.16178	0.383225	0.738228	-1.35459	0.00313455	0.253876	-3.93893
cg21234269	CXADR	0.0853956	0.690156	0.942715	-1.06077	0.367809	1.1459	1.1459	0.0878351	1.31963	1.31963	0.786322	1.04081	1.04081	0.907194	0.982978	-1.01732
cg14741691	PLD3;PLD3;C19orf47	0.0853968	0.0948909	0.273145	-3.66106	0.694867	0.756735	-1.32147	0.719165	0.774676	-1.29086	0.261681	0.437095	-2.28783	0.135178	0.320237	-3.12269
cg26303613	ANKRD24	0.0853995	0.1535	0.388214	-2.5759	0.00779779	0.120653	-8.28823	0.0491866	0.249047	-4.0153	0.930551	1.05545	1.05545	0.0946436	0.320659	-3.11858
cg04414849	EXT2;EXT2	0.0854003	0.0383285	0.268354	-3.72642	0.114214	0.389978	-2.56425	0.0650842	0.321372	-3.11166	0.591378	0.743037	-1.34583	0.0121186	0.180148	-5.551
cg02084948	WDR60	0.0854011	0.988897	0.995178	-1.00485	0.0369432	0.431	-2.32018	0.0439101	0.447377	-2.23525	0.273231	1.48597	1.48597	0.122432	0.559101	-1.78859
cg02746110	DNMT3A;DNMT3A;MIR1301;DNMT3A	0.0854016	0.645601	1.17843	1.17843	0.0707325	2.04618	2.04618	0.00696222	3.44803	3.44803	0.0660453	2.0774	2.0774	0.236395	0.644111	-1.55253
cg22166565	TIMM22	0.085402	0.053012	0.429802	-2.32665	0.0043771	0.231853	-4.31308	0.974123	1.01253	1.01253	0.229468	0.616134	-1.62302	0.255383	0.633798	-1.57779
cg12024553	LRFN1	0.0854026	0.310938	0.724725	-1.37983	0.0224809	2.31526	2.31526	0.0113971	0.378083	-2.64492	0.631789	1.15983	1.15983	0.971726	0.989174	-1.01094
cg20546782	TRPV1	0.085404	0.330145	0.648419	-1.54221	0.121903	0.485386	-2.06022	0.199875	0.557762	-1.79288	0.898276	1.05669	1.05669	0.0245614	0.315222	-3.17237
cg10006887	MIR377	0.0854046	0.026415	0.350955	-2.84937	0.0174576	0.31633	-3.16125	0.347721	0.680732	-1.46901	0.544715	0.783604	-1.27615	0.0306558	0.364193	-2.7458
cg07506510	PHLDA2	0.0854054	0.944969	1.03046	1.03046	0.524695	1.32337	1.32337	0.920092	0.957325	-1.04458	0.188531	1.83223	1.83223	0.00786818	0.227179	-4.40182
cg04346283	FAM46A	0.0854064	0.0330778	0.0938187	-10.6589	0.431747	0.466735	-2.14254	0.888864	0.875658	-1.142	0.10908	0.190258	-5.25603	0.0189764	0.0673707	-14.8433
cg16666708	UNC13A	0.0854087	0.0792911	0.708269	-1.41189	0.0773908	1.41569	1.41569	0.340401	1.19002	1.19002	0.0595681	0.686265	-1.45716	0.860526	0.96934	-1.03163
cg11266667	CXorf48;CXorf48;CXorf48;CXorf48	0.08541	0.108183	2.39812	2.39812	0.112353	0.422016	-2.36958	0.0788104	0.377519	-2.64887	0.0916273	0.395741	-2.5269	0.0141473	0.220677	-4.53152
cg01181233	ADAMDEC1;ADAMDEC1;ADAMDEC1	0.0854112	0.432006	0.648223	-1.54268	0.380381	0.614819	-1.62649	0.035515	0.266291	-3.75529	0.328499	0.579712	-1.72499	0.0421989	0.28218	-3.54384
cg26909954	FAM84B	0.0854128	0.432158	0.886828	-1.12761	0.156091	1.25525	1.25525	0.901367	0.981596	-1.01875	0.814092	1.03592	1.03592	0.0107725	1.61604	1.61604
cg05412222	PACS2;PACS2	0.085413	0.0103311	0.560087	-1.78544	0.911021	1.02026	1.02026	0.673218	1.07907	1.07907	0.134489	1.33579	1.33579	0.264874	1.2318	1.2318
cg26720653	PGM2L1	0.0854163	0.522711	0.858731	-1.16451	0.00759674	2.24145	2.24145	0.225698	1.34866	1.34866	0.68847	0.909598	-1.09939	0.691734	1.09822	1.09822
cg21626086	C6orf81;LOC285847	0.0854187	0.582568	0.920618	-1.08623	0.258228	0.838806	-1.19217	0.0302652	0.684173	-1.46162	0.909444	1.0171	1.0171	0.271379	0.843152	-1.18603
cg15945019	PSME1;PSME1	0.0854191	0.153589	1.52856	1.52856	0.704896	1.11145	1.11145	0.00607557	2.70458	2.70458	0.28515	1.36113	1.36113	0.979882	0.993022	-1.00703
cg02870820	SSC5D	0.0854199	0.0281141	0.305333	-3.27511	0.69366	0.834352	-1.19853	0.545618	0.75594	-1.32286	0.205153	0.542522	-1.84324	0.0238646	0.29132	-3.43265
cg13914531	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.0854209	0.529653	0.837344	-1.19425	0.312781	0.747449	-1.33788	0.0408908	0.517915	-1.93082	0.103686	0.608896	-1.64232	0.610598	0.866601	-1.15393
cg01752030	LOC554203	0.085421	0.373264	0.909353	-1.09968	0.0939386	1.21102	1.21102	0.110813	1.19795	1.19795	0.447784	1.08375	1.08375	0.638662	0.952021	-1.0504
cg13557411	SEMA7A;SEMA7A;SEMA7A	0.085421	0.327329	1.55618	1.55618	0.0132539	3.82863	3.82863	0.0138249	3.78351	3.78351	0.869636	1.07448	1.07448	0.280392	0.612174	-1.63352
cg08216368	SIRT3;PSMD13;PSMD13;SIRT3	0.0854233	0.628737	1.09368	1.09368	0.523848	1.12606	1.12606	0.00321851	2.09359	2.09359	0.171526	0.765259	-1.30675	0.722645	1.06769	1.06769
cg21246624	MMP11	0.0854244	0.00948302	0.483243	-2.06935	0.701052	0.918194	-1.08909	0.569197	0.880479	-1.13575	0.447108	0.842449	-1.18702	0.028587	0.564688	-1.77089
cg06783428	ANKRD11	0.0854265	0.142849	1.88701	1.88701	0.821216	0.912777	-1.09556	0.762823	0.885118	-1.12979	0.49108	1.32579	1.32579	0.064114	2.31381	2.31381
cg26789053	DBP;SEC1	0.0854271	0.983584	0.996812	-1.0032	0.0153481	0.630185	-1.58684	0.779371	0.957355	-1.04454	0.061582	1.38645	1.38645	0.29572	0.845132	-1.18325
cg19238415	QSER1	0.0854323	0.0409997	0.167237	-5.97954	0.167109	0.327308	-3.05523	0.615741	1.46777	1.46777	0.212891	0.369792	-2.70422	0.0232609	0.127879	-7.81991
cg16980736	RPTOR;RPTOR	0.0854331	0.127082	1.42105	1.42105	0.246856	0.772693	-1.29417	0.718075	1.08027	1.08027	0.0133414	1.92091	1.92091	0.280402	0.787457	-1.26991
cg03822622	OTUD7A	0.0854351	0.315665	1.53856	1.53856	0.714041	0.85827	-1.16513	0.345715	0.668122	-1.49673	0.487849	1.34003	1.34003	0.427863	1.39956	1.39956
cg00526772	CASC2;CASC2;CASC2	0.0854358	0.142914	0.574064	-1.74197	0.981186	0.991723	-1.00835	0.326461	0.699702	-1.42918	0.211804	0.628994	-1.58984	0.0071356	0.293814	-3.40352
cg16160493	FOXN3;FOXN3	0.0854362	0.0312073	0.459064	-2.17834	0.480254	0.801734	-1.2473	0.468231	1.25519	1.25519	0.232997	1.4698	1.4698	0.140907	0.61403	-1.62858
cg16537589	BANP;BANP	0.0854364	0.304331	1.16409	1.16409	0.207012	1.20933	1.20933	0.46708	0.899699	-1.11148	0.468025	1.11123	1.11123	0.781333	1.04054	1.04054
cg18172330	CDCA8	0.0854372	0.401771	0.873898	-1.1443	0.142186	1.28125	1.28125	0.364266	1.1577	1.1577	0.102033	0.754953	-1.32459	0.471003	0.891207	-1.12207
cg06244016	MTHFD1L	0.0854372	0.0313396	0.403585	-2.47779	0.195067	1.63624	1.63624	0.720802	0.879033	-1.13761	0.794882	0.910643	-1.09813	0.0531826	0.454188	-2.20173
cg08693281	VIPR2	0.0854394	0.300394	0.815301	-1.22654	0.0670214	0.67662	-1.47794	0.472918	0.870305	-1.14902	0.306546	0.817558	-1.22316	0.830112	0.959939	-1.04173
cg00538102	ITGB5	0.0854415	0.26598	1.42725	1.42725	0.6505	1.14941	1.14941	0.526689	0.821989	-1.21656	0.0956107	0.567481	-1.76218	0.982514	0.993338	-1.00671
cg13663845	PTGER4	0.0854426	0.638243	0.850141	-1.17627	0.478894	1.27992	1.27992	0.144309	1.712	1.712	0.829043	1.07695	1.07695	0.00928049	0.322482	-3.10095
cg04546999	SPRR1A	0.0854443	0.228163	0.385214	-2.59596	0.0284818	0.142313	-7.02678	0.388116	0.513191	-1.94859	0.0183739	0.115587	-8.65148	0.385119	0.51092	-1.95725
cg08479073	IL20	0.0854448	0.712106	1.15918	1.15918	0.788023	0.898168	-1.11338	0.57038	0.795686	-1.25678	0.0622505	0.43325	-2.30814	0.00539483	0.232307	-4.30466
cg03807842	ADAP1	0.0854452	0.104336	2.16877	2.16877	0.0360182	2.89613	2.89613	0.218886	1.75736	1.75736	0.20913	1.7811	1.7811	0.11352	2.11877	2.11877
cg16402443	IQCE;IQCE	0.085448	0.336744	0.89002	-1.12357	0.0240012	0.728526	-1.37263	0.0639312	0.782737	-1.27757	0.895066	1.01564	1.01564	0.20575	0.854682	-1.17003
cg24877675	JAKMIP3	0.0854485	0.222824	1.65552	1.65552	0.0748675	0.458067	-2.18309	0.0368989	0.385256	-2.59568	0.985328	0.99279	-1.00726	0.074141	0.456971	-2.18832
cg14377982	NR6A1;NR6A1	0.0854497	0.00410702	0.405769	-2.46446	0.385959	0.812022	-1.23149	0.711269	1.09101	1.09101	0.0367494	0.566398	-1.76554	0.239611	0.749386	-1.33443
cg05044291	LGR6;LGR6	0.0854513	0.1957	0.51492	-1.94205	0.327357	0.612355	-1.63304	0.0147996	0.233491	-4.28282	0.0976666	0.414173	-2.41445	0.0174429	0.245665	-4.07058
cg17260140	APOL2;APOL2	0.0854535	0.175508	0.58928	-1.69699	0.774102	0.899745	-1.11143	0.57702	0.81314	-1.2298	0.205407	0.612352	-1.63305	0.545672	0.798912	-1.2517
cg22291371	MRPS24	0.0854536	0.595671	1.08691	1.08691	0.582832	1.09015	1.09015	0.0081439	1.69393	1.69393	0.422824	1.13587	1.13587	0.361906	0.864305	-1.157
cg00682096	LOC404266;LOC404266;LOC404266;LOC404266;LOC404266	0.0854543	0.399187	1.53592	1.53592	0.778408	0.86913	-1.15058	0.00573418	6.0534	6.0534	0.0393977	3.27023	3.27023	0.711761	0.8315	-1.20265
cg14240248	GMPR2;GMPR2;GMPR2;GMPR2	0.0854548	0.636951	1.13277	1.13277	0.627929	1.13663	1.13663	0.458682	1.2188	1.2188	0.873791	1.04257	1.04257	0.00524429	0.380763	-2.6263
cg01054622	KIF17;KIF17	0.0854549	0.511071	0.77747	-1.28622	0.235637	1.59893	1.59893	0.792527	1.10467	1.10467	0.286667	1.51862	1.51862	0.222703	0.616391	-1.62235
cg15542639	PANX1	0.085455	0.136317	0.621489	-1.60904	0.979885	1.0075	1.0075	0.131167	1.62088	1.62088	0.115275	0.602048	-1.661	0.484264	0.810064	-1.23447
cg25728685	ZSCAN12	0.0854568	0.0293498	20.6857	20.6857	0.0234495	24.4203	24.4203	0.224114	4.51521	4.51521	0.615473	0.550026	-1.8181	0.452914	2.46591	2.46591
cg24321971	LGR4	0.0854572	0.0901546	0.361991	-2.7625	0.810095	0.877231	-1.13995	0.77114	0.853256	-1.17198	0.0135723	0.189792	-5.26892	0.0364943	0.266468	-3.7528
cg15826810	LOC285419	0.085459	0.0260206	0.193642	-5.16417	0.664685	1.3113	1.3113	0.611281	1.3751	1.3751	0.254561	0.477446	-2.09448	0.00527799	0.101719	-9.83102
cg07284558	STK32C	0.0854601	0.977257	1.02203	1.02203	0.245935	2.5283	2.5283	0.0583835	5.12854	5.12854	0.118205	3.65687	3.65687	0.0400521	0.163046	-6.13325
cg14847514	TPH2	0.0854609	0.372052	0.837643	-1.19383	0.364434	0.835137	-1.19741	0.0147492	0.559828	-1.78626	0.517239	1.13533	1.13533	0.0436237	1.56586	1.56586
cg15630459	CPLX2	0.0854617	0.0975922	0.304914	-3.27962	0.0964576	3.29545	3.29545	0.914718	0.932398	-1.0725	0.850039	1.13165	1.13165	0.742438	1.24046	1.24046
cg21591807	FGF21;FUT1	0.0854617	0.02226	0.199872	-5.0032	0.0691323	0.302679	-3.30383	0.0398055	0.247419	-4.04172	0.209575	0.459715	-2.17526	0.050611	0.270085	-3.70254

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16731692	0.609537	0.816841	-1.22423	0.910984	1.0449	1.0449	0.0189972	3.05073	3.05073	0.606637	1.22628	1.22628	2.74003	6.69411	2.17162	1
cg02370551	0.872938	0.95258	-1.04978	0.672066	1.13797	1.13797	0.229256	0.681845	-1.46661	0.748434	0.906949	-1.1026	2.74001	3.99826	1.29708	1
cg14039773	0.110484	1.30138	1.30138	0.0847704	0.749228	-1.33471	0.630622	0.929248	-1.07614	0.211746	0.819351	-1.22048	2.74	0.995457	0.322938	1
cg13955432	0.665738	0.893417	-1.1193	0.270386	1.34659	1.34659	0.647402	0.887445	-1.12683	0.0199486	0.482694	-2.0717	2.74	2.91778	0.946564	1
cg10506318	0.143492	0.400752	-2.49531	0.0352303	0.240103	-4.16487	0.880761	1.09124	1.09124	0.0113893	0.158413	-6.31259	2.73999	14.6839	4.76365	1
cg14987112	0.385542	1.26416	1.26416	0.851909	1.05048	1.05048	0.518973	0.841746	-1.18801	0.666788	1.12091	1.12091	2.73999	3.01302	0.977462	1
cg20021513	0.186199	1.36447	1.36447	0.00739308	2.14958	2.14958	0.429896	1.19563	1.19563	0.399931	0.826075	-1.21054	2.73999	2.13373	0.692212	1
cg13716026	0.510317	0.548596	-1.82284	0.0145673	0.0668519	-14.9584	0.0204889	0.0812431	-12.3087	0.169183	0.267967	-3.7318	2.73998	35.0779	11.3798	1
cg00741333	0.664205	0.8364	-1.1956	0.0931103	0.469745	-2.12882	0.0354796	0.367387	-2.72193	0.449013	0.729389	-1.37101	2.73997	7.25941	2.35506	1
cg05100846	0.0550096	2.87924	2.87924	0.0821038	2.5504	2.5504	0.0124007	4.53948	4.53948	0.178398	2.00361	2.00361	2.73994	10.2516	3.32582	1
cg04384234	0.1687	0.482277	-2.0735	0.248462	0.548881	-1.82189	0.00641368	0.17149	-5.83125	0.909766	0.945187	-1.05799	2.73992	10.7287	3.48063	1
cg05171197	0.118718	4.18199	4.18199	0.010107	15.5134	15.5134	0.0239769	9.73038	9.73038	0.0323053	8.3119	8.3119	2.73985	30.9723	10.0483	1
cg06994090	0.214145	0.84402	-1.18481	0.122636	1.24221	1.24221	0.102053	1.26115	1.26115	0.338265	1.13654	1.13654	2.73984	0.729475	0.236664	1
cg18437710	0.166358	0.668947	-1.49489	0.00738311	0.390446	-2.56118	0.517267	0.836217	-1.19586	0.808718	0.936062	-1.06831	2.73983	3.22067	1.04489	1
cg19859698	0.265724	0.518471	-1.92875	0.0155037	0.186069	-5.37435	0.275778	0.526172	-1.90052	0.0643709	0.308209	-3.24455	2.7398	13.9196	4.51601	1
cg25726699	0.808376	1.08532	1.08532	0.0311591	0.426475	-2.3448	0.572066	0.82499	-1.21214	0.957658	1.01805	1.01805	2.73979	4.92666	1.59839	1
cg01163597	0.904141	0.986265	-1.01393	0.269469	0.876337	-1.14111	0.320387	0.888823	-1.12508	0.0144168	1.41362	1.41362	2.73978	0.571751	0.185498	1
cg04321753	0.066161	1.62323	1.62323	0.517379	1.16681	1.16681	0.535142	0.862761	-1.15907	0.1146	0.668089	-1.49681	2.73977	2.39712	0.777718	1
cg27177997	0.018322	1.3332	1.3332	0.0753251	0.819621	-1.22008	0.418256	0.920268	-1.08664	0.380737	0.913641	-1.09452	2.73971	0.437863	0.142063	1
cg27281093	0.517776	0.713082	-1.40236	0.0681827	0.348823	-2.86678	0.0571349	0.329593	-3.03405	0.788545	0.870552	-1.1487	2.73971	11.5396	3.74398	1
cg06315974	0.990891	0.995359	-1.00466	0.00812687	0.251378	-3.97807	0.464548	1.35437	1.35437	0.355382	0.67881	-1.47317	2.73967	7.20535	2.33778	1
cg26390050	0.0217488	0.500588	-1.99765	0.0820897	0.616351	-1.62245	0.261774	1.34176	1.34176	0.866559	0.958631	-1.04315	2.73966	2.73838	0.888475	1
cg00905170	0.504102	1.07889	1.07889	0.492557	1.08119	1.08119	0.185434	0.854464	-1.17032	0.859698	1.02001	1.02001	2.73965	0.544343	0.176614	1
cg12630596	0.1263	0.548001	-1.82482	0.00971357	0.30436	-3.28558	0.0618509	0.465465	-2.14839	0.124373	0.546045	-1.83135	2.73962	5.73776	1.86166	1
cg15150336	0.754223	0.952161	-1.05024	0.00575222	1.75935	1.75935	0.457947	0.888718	-1.12522	0.536055	0.906824	-1.10275	2.73961	1.0571	0.342986	1
cg15676735	0.0476306	0.705514	-1.41741	0.909111	0.982568	-1.01774	0.38896	1.14564	1.14564	0.0103826	1.64385	1.64385	2.73959	1.02893	0.333849	1
cg21315873	0.264561	0.460931	-2.16952	0.00401691	0.076196	-13.124	0.531999	0.65598	-1.52444	0.0339663	0.192297	-5.20028	2.73957	19.2482	6.24531	1
cg08862564	0.0170076	0.702028	-1.42444	0.154782	0.830993	-1.20338	0.131752	1.2187	1.2187	0.280547	1.1461	1.1461	2.73956	0.641252	0.208064	1
cg16922688	0.442055	0.737729	-1.35551	0.840868	0.924953	-1.08114	0.0318357	2.65447	2.65447	0.669823	0.846669	-1.1811	2.73954	6.53373	2.11998	1
cg21394787	0.117635	0.813471	-1.2293	0.0161451	0.699388	-1.42982	0.706721	0.955119	-1.04699	0.187609	1.18489	1.18489	2.73952	0.640306	0.20776	1
cg23255280	0.0628168	1.56929	1.56929	0.433334	1.18781	1.18781	0.0130014	0.515064	-1.94151	0.290487	1.26637	1.26637	2.73949	2.01066	0.652404	1
cg24548517	0.809193	1.05134	1.05134	0.294408	1.2524	1.2524	0.126115	0.709991	-1.40847	0.0363749	0.604433	-1.65444	2.73949	1.85831	0.60297	1
cg14171727	0.0934626	0.266165	-3.75706	0.0363389	0.17451	-5.73033	0.0197304	0.13262	-7.54033	0.114706	0.29208	-3.42372	2.73948	22.3323	7.24626	1
cg27202210	0.0602033	10.9723	10.9723	0.124528	6.54915	6.54915	0.0151188	29.1772	29.1772	0.0580709	11.2538	11.2538	2.73947	55.4058	17.9778	1
cg14103106	0.525917	1.33059	1.33059	0.732229	0.85844	-1.1649	0.0775779	0.418187	-2.39127	0.457644	0.714524	-1.39953	2.73945	8.56926	2.78053	1
cg26544607	0.0252438	0.653121	-1.53111	0.305927	0.843907	-1.18496	0.260827	0.828816	-1.20654	0.24249	1.21632	1.21632	2.73942	1.11208	0.360849	1
cg06219206	0.994514	1.00379	1.00379	0.98775	1.00849	1.00849	0.153734	2.31874	2.31874	0.61524	0.75649	-1.3219	2.73942	13.1564	4.269	1
cg17426923	0.315941	0.754811	-1.32484	0.0956377	1.64311	1.64311	0.94734	1.01808	1.01808	0.639643	1.13647	1.13647	2.7394	3.1932	1.03614	1
cg19808483	0.632203	1.10869	1.10869	0.006784	2.11846	2.11846	0.705195	1.08472	1.08472	0.929659	1.01907	1.01907	2.7394	1.98621	0.644493	1
cg03666203	0.983872	1.01521	1.01521	0.00914209	0.0843244	-11.859	0.264159	0.419212	-2.38543	0.147412	0.313123	-3.19363	2.73938	24.2066	7.8547	1
cg24631870	0.879943	1.03803	1.03803	0.0225244	0.499381	-2.00248	0.0606888	0.58737	-1.7025	0.264849	1.33479	1.33479	2.9275	2.76751	0.735273	1
cg05426966	0.730774	1.29842	1.29842	0.167992	3.03711	3.03711	0.0105128	11.4061	11.4061	0.0891901	4.12516	4.12516	2.73935	24.7996	8.04718	1
cg23956648	0.0983857	0.250488	-3.9922	0.00812586	0.0751773	-13.3019	0.944327	0.94806	-1.05479	0.0489346	0.179569	-5.5689	2.73932	25.3055	8.21146	1
cg04723721	0.332509	0.781203	-1.28008	0.208103	1.38792	1.38792	0.443192	1.21301	1.21301	0.315795	1.29198	1.29198	2.73931	2.64672	0.858842	1
cg10192483	0.485845	1.93302	1.93302	0.267815	2.92794	2.92794	0.36017	2.4002	2.4002	0.941584	0.934067	-1.07059	2.7393	37.5795	12.1944	1
cg21111471	0.153594	0.652224	-1.53322	0.524203	1.19786	1.19786	0.274499	0.727574	-1.37443	0.978419	0.992462	-1.00759	2.73929	3.39443	1.10148	1
cg08519385	0.155752	0.302078	-3.31041	0.00811159	0.0691372	-14.464	0.0230741	0.11746	-8.51352	0.251708	0.389145	-2.56974	2.73929	26.9513	8.74558	1
cg19709354	0.00539109	0.41247	-2.42442	0.366055	1.25169	1.25169	0.79969	0.940383	-1.0634	0.596637	1.13783	1.13783	2.73928	2.53537	0.822721	1
cg10093648	0.824794	1.09129	1.09129	0.0165732	0.315674	-3.16783	0.0746514	2.18664	2.18664	0.762884	1.12661	1.12661	2.73927	6.7345	2.18533	1
cg13681776	0.759983	0.827256	-1.20882	0.47574	1.56648	1.56648	0.739899	1.22899	1.22899	0.998759	1.00096	1.00096	2.73926	16.6172	5.39228	1
cg05166354	0.273815	0.742174	-1.34739	0.027551	0.505426	-1.97853	0.0173002	0.46807	-2.13643	0.262053	0.736229	-1.35827	2.73922	2.97431	0.965179	1
cg10325088	0.201306	0.425081	-2.35249	0.0485096	0.239602	-4.17358	0.993821	0.995103	-1.00492	0.0481305	0.238863	-4.18649	2.73919	17.4338	5.65741	1
cg11974068	0.535869	0.858214	-1.16521	0.0300474	1.86336	1.86336	0.868824	1.04114	1.04114	0.34113	0.787219	-1.2703	2.73915	2.58063	0.837447	1
cg07964128	0.757328	1.09216	1.09216	0.303393	1.3542	1.3542	0.382445	1.29017	1.29017	0.138168	1.5747	1.5747	2.73915	3.50978	1.13897	1
cg00133970	0.0500129	0.622681	-1.60596	0.291195	1.26132	1.26132	0.117044	1.43461	1.43461	0.838899	0.957769	-1.04409	2.73912	1.94909	0.632512	1
cg04043336	0.229734	1.56176	1.56176	0.0581682	2.13279	2.13279	0.533552	1.24991	1.24991	0.710757	1.14085	1.14085	2.7391	5.429	1.76181	1
cg13032151	0.116349	1.3271	1.3271	0.017499	0.619013	-1.61548	0.112366	0.750757	-1.33199	0.402331	1.15275	1.15275	2.73909	1.19321	0.38722	1
cg09358975	0.169725	0.393622	-2.54051	0.0417627	0.224017	-4.46394	0.855487	1.12324	1.12324	0.0461595	0.233073	-4.2905	2.73909	17.6283	5.72074	1
cg20684312	0.0959351	1.53031	1.53031	0.00610389	2.29994	2.29994	0.601011	1.13063	1.13063	0.704393	1.09275	1.09275	2.73908	2.34882	0.762242	1
cg03052962	0.18209	1.26576	1.26576	0.951766	0.989985	-1.01012	0.106858	0.746069	-1.34036	0.800855	1.04296	1.04296	2.73907	1.2012	0.389818	1
cg06722503	0.128704	0.814752	-1.22737	0.348673	0.88658	-1.12793	0.0138037	0.684036	-1.46191	0.100954	0.799206	-1.25124	2.73905	0.675363	0.219172	1
cg21476940	0.573407	0.778029	-1.2853	0.454305	0.71444	-1.3997	0.0359325	0.34075	-2.9347	0.17239	0.526898	-1.8979	2.73904	8.44322	2.74004	1
cg19542359	0.066383	0.368277	-2.71534	0.985752	1.0087	1.0087	0.378746	1.54981	1.54981	0.875152	1.07927	1.07927	2.73903	10.2111	3.31379	1
cg15068428	0.620344	0.905049	-1.10491	0.019775	1.75473	1.75473	0.958421	0.989638	-1.01047	0.417344	0.847389	-1.1801	2.73901	1.73159	0.561951	1
cg24881255	0.0744321	0.399664	-2.5021	0.0120638	0.235885	-4.23935	0.0706771	0.393753	-2.53966	0.802751	0.890931	-1.12242	2.73899	9.23638	2.99749	1
cg00922825	0.321494	1.61643	1.61643	?	?	?	?	?	?	?	?	?	3.04795	6.85682	2.62459	1
cg12641021	0.373715	0.823682	-1.21406	0.0151051	1.88561	1.88561	0.343024	1.23061	1.23061	0.849647	1.04114	1.04114	2.73894	1.95744	0.635264	1
cg02687143	0.0964335	0.585096	-1.70912	0.869296	0.952791	-1.04955	0.624148	1.15606	1.15606	0.108694	0.598234	-1.67159	2.7389	3.74047	1.21394	1
cg10819260	0.46341	0.877461	-1.13965	0.561042	1.10843	1.10843	0.123432	1.33947	1.33947	0.31708	1.19859	1.19859	2.73886	1.33073	0.431885	1
cg13015534	0.138633	1.5101	1.5101	0.61226	0.876209	-1.14128	0.910589	1.02947	1.02947	0.0317268	0.521527	-1.91745	2.73885	2.89967	0.941085	1
cg24073122	0.400891	0.452085	-2.21197	0.446312	0.488346	-2.04773	0.090483	5.597	5.597	0.0154565	15.5359	15.5359	2.73883	36.9776	12.0011	1
cg23505798	0.0542491	0.372233	-2.68649	0.0162191	0.264422	-3.78184	0.087911	0.426534	-2.34448	0.736199	0.858156	-1.16529	2.73883	8.87787	2.88132	1
cg06511482	0.0275356	0.275855	-3.62509	0.0497905	0.33098	-3.02133	0.814463	1.12318	1.12318	0.150335	0.466805	-2.14222	2.73879	10.5909	3.43734	1
cg27264181	0.0932213	0.601927	-1.66133	0.899193	0.96576	-1.03545	0.777819	0.925183	-1.08087	0.90855	1.03209	1.03209	2.73868	3.27777	1.06386	1
cg19303619	0.114157	1.3198	1.3198	0.849216	0.969736	-1.03121	0.00336102	1.90447	1.90447	0.312977	1.18354	1.18354	2.73867	1.13082	0.36703	1
cg24341177	0.5265	1.10063	1.10063	0.773781	0.957856	-1.044	0.652225	1.07013	1.07013	0.384437	1.14252	1.14252	2.73866	0.968197	0.314248	1
cg04962159	0.0470297	0.626128	-1.59712	0.10621	0.695312	-1.4382	0.996973	1.00078	1.00078	0.0363688	1.65054	1.65054	2.73866	1.84019	0.597271	1
cg19816586	0.484858	0.785897	-1.27243	0.701845	1.13947	1.13947	0.974099	0.989041	-1.01108	0.24552	0.662137	-1.51026	2.73865	4.99713	1.62193	1
cg21234269	0.539323	1.09581	1.09581	0.758372	0.955591	-1.04647	0.0055084	1.71114	1.71114	0.0252518	1.47947	1.47947	2.73862	0.940038	0.305114	1
cg14741691	0.540224	0.64505	-1.55027	0.00549188	0.0756717	-13.215	0.0187964	0.133619	-7.48396	0.155857	0.341784	-2.92583	2.7386	21.6844	7.03826	1
cg26303613	0.237392	0.464702	-2.15192	0.111414	0.341796	-2.92572	0.0435482	0.237659	-4.20771	0.853066	0.891554	-1.12164	2.73856	16.626	5.3965	1
cg04414849	0.0945779	0.365294	-2.73752	0.0396359	0.271438	-3.68408	0.870124	1.09382	1.09382	0.283803	0.543201	-1.84094	2.73855	13.0279	4.22865	1
cg02084948	0.93562	1.02846	1.02846	0.0142763	0.350064	-2.85662	0.40648	0.744554	-1.34309	0.232001	0.647004	-1.54559	2.73854	5.23287	1.69851	1
cg02746110	0.966249	0.98511	-1.01511	0.908633	1.04154	1.04154	0.138699	1.75965	1.75965	0.340226	1.41692	1.41692	2.73854	5.4522	1.7697	1
cg22166565	0.414851	0.726077	-1.37726	0.0830888	0.478589	-2.08948	0.0606077	0.443757	-2.25349	0.323789	0.676127	-1.47901	2.73853	6.39721	2.07645	1
cg12024553	0.229989	1.47225	1.47225	0.68105	1.13533	1.13533	0.652484	1.14937	1.14937	0.782938	0.918685	-1.08851	2.73852	4.09071	1.32779	1
cg20546782	0.100829	0.460822	-2.17003	0.0066678	0.21926	-4.56079	0.700309	1.18144	1.18144	0.613201	0.802717	-1.24577	2.7385	8.06051	2.61636	1
cg10006887	0.0214855	0.333299	-3.00031	0.174662	0.563102	-1.77588	0.390973	0.704945	-1.41855	0.53595	0.779331	-1.28315	2.7385	6.86256	2.22752	1
cg07506510	0.0344807	0.342392	-2.92063	0.476545	1.36972	1.36972	0.518052	1.3295	1.3295	0.781909	1.12819	1.12819	2.73849	8.19302	2.65938	1
cg04346283	0.128045	0.209636	-4.77018	0.0125849	0.0525124	-19.0431	0.192517	0.269862	-3.7056	0.168222	0.247956	-4.03298	2.73847	39.1131	12.6958	1
cg16666708	0.0928823	0.72082	-1.38731	0.447419	0.87188	-1.14695	0.611379	0.913264	-1.09497	0.081121	1.40833	1.40833	2.73844	1.35974	0.441368	1
cg11266667	0.637027	1.26771	1.26771	0.686484	1.22448	1.22448	0.463228	0.688912	-1.45156	0.57857	0.755752	-1.32318	2.73842	10.8027	3.50654	1
cg01181233	0.512028	0.698022	-1.43262	0.00649727	0.147738	-6.76874	0.302382	0.561259	-1.78171	0.0420196	0.281776	-3.54891	2.73841	12.6747	4.11423	1
cg26909954	0.0933531	1.31854	1.31854	0.639863	1.07315	1.07315	0.38803	0.87586	-1.14173	0.0278339	1.47621	1.47621	2.73839	0.973495	0.316	1
cg05412222	0.528332	1.12144	1.12144	0.1137	1.36176	1.36176	0.13106	0.746397	-1.33977	0.634298	0.917616	-1.08978	2.73838	1.39601	0.45315	1
cg26720653	0.757371	0.929737	-1.07557	0.0345336	0.560161	-1.7852	0.530601	1.16107	1.16107	0.48838	1.17997	1.17997	2.73834	2.39709	0.778117	1
cg21626086	0.047726	1.4012	1.4012	0.0556299	1.38147	1.38147	0.444198	0.890276	-1.12325	0.268949	0.84236	-1.18714	2.73831	0.962812	0.312541	1
cg15945019	0.106372	1.63184	1.63184	0.0155294	2.28027	2.28027	0.223745	1.42616	1.42616	0.341079	1.31319	1.31319	2.7383	3.34502	1.08584	1
cg02870820	0.344142	0.640325	-1.56171	0.00754173	0.207481	-4.81971	0.550716	0.758687	-1.31807	0.12383	0.466535	-2.14346	2.73829	9.07563	2.94608	1
cg13914531	0.0596279	1.80873	1.80873	0.14356	0.645217	-1.54987	0.140244	1.5564	1.5564	0.126424	0.63068	-1.58559	2.73828	3.37086	1.09423	1
cg01752030	0.235517	1.13797	1.13797	0.204127	0.869948	-1.14949	0.0609856	0.802897	-1.24549	0.041841	1.27616	1.27616	2.73828	0.468703	0.152149	1
cg13557411	0.581589	1.2756	1.2756	0.724074	1.16768	1.16768	0.688391	0.838353	-1.19281	0.325715	0.641587	-1.55863	2.73828	8.2955	2.69285	1
cg08216368	0.281822	0.814189	-1.22822	0.626921	0.913907	-1.0942	0.65901	0.921623	-1.08504	0.490434	1.1374	1.1374	2.73825	1.46492	0.47554	1
cg21246624	0.0436148	0.598525	-1.67077	0.976184	0.993417	-1.00663	0.556721	1.14056	1.14056	0.438232	1.19118	1.19118	2.73823	2.12298	0.689164	1
cg06783428	0.358837	1.46291	1.46291	0.0212819	3.05302	3.05302	0.0564389	2.38896	2.38896	0.0141182	3.39166	3.39166	2.7382	7.05041	2.28874	1
cg26789053	0.975748	1.00473	1.00473	0.721218	1.05718	1.05718	0.0355144	0.683986	-1.46202	0.377796	1.15077	1.15077	2.7382	1.0443	0.339006	1
cg19238415	0.486541	0.58501	-1.70937	0.0156514	0.105723	-9.45867	0.072777	0.219182	-4.56241	0.169695	0.329818	-3.03197	2.73813	24.9373	8.09548	1
cg16980736	0.0378023	1.67025	1.67025	0.629577	1.10904	1.10904	0.119998	1.43219	1.43219	0.429323	1.18746	1.18746	2.73812	1.9667	0.638461	1
cg03822622	0.0542102	2.4777	2.4777	0.00398385	4.99056	4.99056	0.155147	1.88095	1.88095	0.619736	1.23089	1.23089	2.73809	7.47872	2.42788	1
cg00526772	0.763881	1.11203	1.11203	0.493476	0.782601	-1.27779	0.0583022	2.12591	2.12591	0.852839	1.06764	1.06764	2.73808	5.38798	1.74915	1
cg16160493	0.949269	1.01979	1.01979	0.0331095	0.464309	-2.15374	0.091834	1.77104	1.77104	0.43204	0.781187	-1.2801	2.73807	4.11261	1.33512	1
cg16537589	0.98006	0.996437	-1.00358	0.0179673	1.50782	1.50782	0.635193	0.934016	-1.07065	0.00675128	1.65132	1.65132	2.73807	0.884648	0.287193	1
cg18172330	0.0644201	0.721567	-1.38587	0.056999	0.712994	-1.40254	0.376913	0.867259	-1.15306	0.0700202	1.37462	1.37462	2.73806	1.06986	0.347322	1
cg06244016	0.0328299	0.407807	-2.45214	0.142027	0.567137	-1.76324	0.0648159	0.474702	-2.10658	0.864219	1.06342	1.06342	2.73806	5.59757	1.81721	1
cg08693281	0.44312	1.16043	1.16043	0.00576239	1.99071	1.99071	0.799443	1.04964	1.04964	0.92505	1.01807	1.01807	2.73803	1.57014	0.50974	1
cg00538102	0.191785	0.653667	-1.52983	0.0184428	2.45762	2.45762	0.132046	1.65145	1.65145	0.0733812	1.85772	1.85772	2.92593	4.21964	1.12167	1
cg13663845	0.212339	0.637402	-1.56887	0.0328466	0.424943	-2.35326	0.790399	0.912718	-1.09563	0.372052	0.730374	-1.36916	2.73799	5.09677	1.65467	1
cg04546999	0.231606	0.388194	-2.57603	0.0225585	0.127454	-7.84595	0.245189	0.399812	-2.50117	0.0247213	0.133106	-7.5128	2.73797	24.6644	8.00738	1
cg08479073	0.781012	0.894885	-1.11746	0.122049	1.95008	1.95008	0.624986	0.821752	-1.21691	0.477012	1.33395	1.33395	2.73796	6.88656	2.23575	1
cg03807842	0.518012	1.33075	1.33075	0.00738456	4.5046	4.5046	0.0596882	2.52579	2.52579	0.0660816	2.45703	2.45703	2.73795	8.24373	2.67637	1
cg16402443	0.128774	1.21302	1.21302	0.215506	1.16574	1.16574	0.972592	0.995967	-1.00405	0.0692047	0.787294	-1.27017	2.73792	0.600062	0.194816	1
cg24877675	0.634754	0.828344	-1.20723	0.854938	0.930512	-1.07468	0.0674796	2.23946	2.23946	0.267398	1.57567	1.57567	2.73791	6.71539	2.18022	1
cg14377982	0.518488	0.857821	-1.16574	0.912595	0.974603	-1.02606	0.527616	1.16176	1.16176	0.688012	1.09919	1.09919	2.73789	2.38014	0.772742	1
cg05044291	0.150006	0.47305	-2.11394	0.0273202	0.28178	-3.54887	0.744563	0.853353	-1.17185	0.149094	0.472143	-2.118	2.73787	10.2024	3.31235	1
cg17260140	0.293169	0.670099	-1.49232	0.0015621	0.188494	-5.30521	0.414716	0.736333	-1.35808	0.223081	0.625012	-1.59997	2.73784	5.84386	1.89731	1
cg22291371	0.236134	0.824337	-1.2131	0.0747621	0.73429	-1.36186	0.253611	1.20384	1.20384	0.352876	1.16039	1.16039	2.73784	1.04993	0.340879	1
cg00682096	0.412733	0.659435	-1.51645	0.292245	1.72168	1.72168	0.381535	1.56242	1.56242	0.113551	2.35399	2.35399	2.73783	10.7191	3.48016	1
cg14240248	0.0578639	0.569885	-1.75474	0.450465	0.817387	-1.22341	0.338323	1.29541	1.29541	0.46656	1.21445	1.21445	2.73782	2.98181	0.968104	1
cg01054622	0.816439	0.915939	-1.09178	0.209813	0.607077	-1.64724	0.00497338	4.07185	4.07185	0.306305	1.49177	1.49177	2.73782	6.1832	2.0075	1
cg15542639	0.921679	1.02957	1.02957	0.323319	1.35297	1.35297	0.964673	1.01321	1.01321	0.00672502	0.352948	-2.83328	2.73782	3.80782	1.23629	1
cg25728685	0.573837	1.95576	1.95576	0.0344251	18.3942	18.3942	0.0344088	18.4006	18.4006	0.121049	7.27484	7.27484	2.7378	60.4153	19.6152	1
cg24321971	0.0283196	0.244501	-4.08996	0.0831105	0.352079	-2.84027	0.829605	0.889352	-1.12441	0.115674	0.39438	-2.53563	2.73779	12.8361	4.16754	1
cg15826810	0.631062	0.740303	-1.3508	0.254163	0.477124	-2.09589	0.22083	0.449387	-2.22526	0.224347	0.452393	-2.21047	2.73777	16.7457	5.43694	1
cg07284558	0.206953	2.76577	2.76577	0.0364044	6.41801	6.41801	0.151859	3.23327	3.23327	0.639944	1.4335	1.4335	2.73775	25.3335	8.22523	1
cg14847514	0.186008	1.31134	1.31134	0.247515	1.2633	1.2633	0.361836	0.834275	-1.19865	0.980523	1.00473	1.00473	2.73774	1.62031	0.52608	1
cg15630459	0.436863	0.595555	-1.67911	0.0153079	0.142934	-6.99623	0.0490167	0.230273	-4.34267	0.155232	0.370159	-2.70154	2.73773	18.5126	6.01067	1
cg21591807	0.223507	0.471627	-2.12032	0.0281796	0.218024	-4.58665	0.0474018	0.263706	-3.79211	0.391696	0.597078	-1.67482	2.73773	14.9738	4.86172	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01528893	ZMYM4	0.08546123	0.4044844	-2.47229	0.497749	0.793731	-1.25987	0.276361	0.684984	-1.45089	0.864429	0.943052	-1.06039	0.0146589	0.364789	-2.74131	0.118885	0.166631	-1.76482	0.0290482	0.421701	-1.37135	0.888134	1.005	1.005	0.0608117	0.506407	0.9747	2.23772	4.88328	1.58551	1
cg25961292	RABEA;RABEA	0.085467	0.569561	0.786457	-1.27153	0.82333	0.910776	-1.09797	0.354989	1.48838	1.48838	0.272121	1.61246	1.61246	0.811456	0.904947	1.10504		0.176837	1.82213	0.586956	1.25766	1.25766	0.00256903	5.739	5.739	0.127707	1.99038	1.99038	2.73766	7.57379	2.45913	1
cg23391171	WBP4 PCDHGA4;PCDHGA6;PCDHGA1;PCDHG A5;PCDHGB1;PCDHGA8;PCDHGA3;PCD HGA2;PCDHGB2;PCDHGB3	0.08547125	0.0804887	0.571458	-1.74901	0.0597456	1.8463	1.8463	0.068835	0.555578	-1.79993	0.175024	1.51637	1.51637	0.238462	0.700211	-1.42814	0.361335	1.31106	1.31106	0.346603	0.755976	-1.32279	0.416441	0.786854	-1.27088	0.152354	1.55661	1.55661	2.73759	3.612	1.17281	1
cg26843711	HGA2;PCDHGB2;PCDHGB3	0.08547227	0.237819	2.0505	2.0505	0.171738	2.32765	2.32765	0.576463	1.38776	1.38776	0.196142	2.21168	2.21168	0.273556	0.515988	-1.93803		0.110445	2.74598	2.74598	0.0449997	3.80349	3.80349	0.0120211	6.16639	6.16639	0.0555441	3.52544	3.52544	2.73759	14.6212	4.74746	1
cg13096307	ZNF74;ZNF74	0.08547356	0.134627	0.595081	-1.68004	0.00764921	3.01394	3.01394	0.241457	1.48371	1.48371	0.475888	1.26274	1.26274	0.169249	0.624228	-1.60198		0.289043	0.701982	-1.42454	0.299366	1.41354	1.41354	0.583924	1.19479	1.19479	0.625437	1.17153	1.17153	2.73757	4.48938	1.4577	1
cg28240373	NUDT2;NUDT2;KIF24;KIF24;NUDT2	0.08547545	0.0656034	0.732865	-1.36451	0.10246	0.764306	0.764306	0.38838	0.9117281	0.68474	-1.46041	0.0855191	0.751343	-1.33495	0.690611	1.06203	1.06203	-1.24356	0.880674	0.977659	-1.02285	0.494406	1.11001	1.11001	2.73756	0.980955	0.318501	1
cg17475236	INPP5D;INPP5D	0.08547558	0.671184	1.22269	1.22699	0.055017	2.83562	2.83562	0.616633	0.785215	1.27354	0.107229	2.44269	2.44269	0.0166674	0.340538	-1.96218		0.935346	1.03963	1.03963	0.857667	2.48351	2.48351	0.0155325	1.20894	1.20894	2.73273	0.837944	1.93494	2.32074	1
cg01799338	EIF2C1;EIF2C1	0.08548003	0.489946	0.940696	-1.06304	0.961156	1.00425	1.00425	0.68297	0.964837	-1.03644	0.0690561	1.19404	1.19404	0.592521	0.953998	-1.04822		0.835676	0.982056	-1.01827	0.011844	0.760398	-1.3151	0.330726	1.09143	1.09143	0.0533341	1.21088	1.21088	2.73748	0.32947	0.106982	1
cg01145939	WWC3	0.08548005	0.591358	1.29826	1.29826	0.0535326	1.40614	-1.40614	0.145315	0.477164	-2.12312	0.362964	1.35020	1.35020	0.34175	0.931663	-1.07356		0.316885	1.64567	1.64567	0.799183	1.13058	1.13058	0.0168648	1.10431	1.10431	0.949203	0.969792	1.03115	2.73748	10.0495	3.26318	1
cg23888240	ARIH1	0.08548416	0.246107	1.36066	1.36066	0.0500501	-2.39309	-2.56351	0.446983	1.21749	1.21749	0.668153	1.11571	1.11571	0.550511	1.16574	1.16574		0.159013	1.46547	1.46547	0.718483	0.693652	-1.43754	0.69132	0.903795	-1.10645	0.771213	0.928645	-1.07684	2.73747	2.7947	0.907472	1
cg20401998	ER3IP1	0.08548227	0.0821686	0.780567	-1.28112	0.0193209	0.793721	-1.26021	0.0494246	0.784925	-1.33436	0.312343	1.34092	1.34092	0.125442	1.2378	1.2378		0.573966	1.07581	1.07581	0.3963	1.17309	1.17309	0.0786886	0.993081	-1.01483	0.0928888	0.869036	-1.1507	2.73745	0.717483	0.232977	1
cg02156776	COL9A1	0.08548453	0.0648113	0.278089	-3.59597	0.00955167	0.131928	-7.57991	0.0316874	0.211333	-4.73186	0.277453	0.498062	-2.00778	0.0663393	0.28059	-3.56392		0.142513	0.378013	-2.64541	0.129852	0.364302	-2.74498	0.0989349	0.327444	-3.05396	0.922647	0.941824	-1.06377	2.73742	16.5113	5.36151	1
cg27147785	OAS2;OAS2;OAS2	0.08548448	0.213322	2.71202	-1.40449	0.0895381	1.62448	1.62448	0.040745	-1.84973	0.0249014	0.500929	-1.99629	0.653347	1.12432	1.12432			0.173988	0.687737	-1.45481	0.651032	1.12527	1.12527	0.654459	0.889791	-1.12386	0.109282	0.635971	-1.5724	2.73742	2.91261	0.945774	1
cg08799727	SEMA3C	0.08548525	0.0453178	0.553521	-1.80758	0.0208783	0.68202	0.68202	0.0154983	-1.83231	0.0184917	0.313665	-3.18811	0.161928	0.545483	-1.8332	0.0107996		0.566318	1.02245	1.02245	0.774061	1.16377	1.16377	0.0639343	2.99595	2.99595	0.362192	0.610472	-1.63808	2.73742	2.12083	0.90904	1
cg07143733	MIR155HG	0.08548551	0.998053	0.999119	-1.00088	0.346069	1.41908	1.41908	0.826018	1.08275	1.08275	0.512995	0.786951	-1.27073	0.00664715	0.280286	-3.56778		0.956982	1.01967	1.01967	0.509785	1.27312	1.27312	0.0299657	2.51468	2.51468	0.844592	1.07345	1.07345	2.73742	5.65405	1.83597	1
cg02942972	OXSR1	0.08548651	0.416289	0.926127	-1.07953	0.718005	0.154254	-1.03385	0.0391176	1.24598	1.24598	0.0122106	1.3312	1.3312	0.828983	0.987221	-1.02013		0.284159	1.10793	1.10793	0.540952	1.10587	1.10587	0.0291994	1.13709	1.13709	0.267091	0.848856	0.982579	-1.01773	2.73742	0.367874	0.119455	1
cg00736958	C3orf74	0.08548661	0.4183821	0.714891	-1.39882	0.1725506	0.554754	-1.8035	0.0184917	0.313665	-3.18811	0.161928	0.545483	-1.8332	0.0107996	0.272679	-3.66731		0.646561	1.08566	1.08566	0.124719	1.35325	1.35325	0.0130636	0.910636	-1.09813	0.600393	0.910465	-1.09834	2.73723	2.43583	0.466271	1
cg00025981	C13orf15	0.08548662	0.129758	5.22269	5.22269	0.274345	3.15417	3.15417	0.858356	1.19775	1.19775	0.0831052	6.94319	6.94319	0.843669	0.819218	-1.12068		0.949261	0.93775	-1.06638	0.899457	1.13617	1.13617	0.00634596	36.1832	36.1832	0.0248363	14.8438	14.8438	2.73741	44.2218	14.3597	1
cg27105630	PPAPDC1B;PPAPDC1B;PAPOC1B	0.08548662	0.261206	1.39339	1.39339	0.0606547	1.45463	1.45463	0.0955477	1.55422	-1.80042	0.910878	0.976078	-1.02491	0.0729215	0.534989	-1.87043		0.730346	0.912139	-1.09632	0.254997	0.728142	-1.37247	0.0436761	1.24947	1.24947	0.271242	1.37471	1.37471	2.73737	3.06287	0.994572	1
cg08190828	2DHHC7;2DHHC7	0.08548676	0.0647081	0.664991	-1.50378	0.4203	0.8505525	-1.17574	0.453797	1.16189	1.16189	0.0321799	0.610571	-1.63781	0.0132427	0.546694	-1.82918		0.128927	0.724231	-1.38077	0.338811	1.22394	1.22394	0.908667	0.977687	-1.02282	0.423851	0.851621	-1.17423	2.73739	1.67629	0.544327	1
cg00865356	FAM180A	0.08549403	0.085914	0.765707	-1.30578	0.0744148	0.455151	-2.19708	0.0178867	0.66029	-1.51469	0.0872245	0.610571	-1.63781	0.0132427	0.546694	-1.82918		0.099130	0.771293	-1.29673	0.134413	0.554864	-1.80282	0.0315568	1.32094	1.32094	0.0153664	1.72762	1.72762	2.73734	4.64449	1.67557	1
cg11173773	EIF5B;TXNDC9;TXNDC9	0.08549418	0.165676	0.735417	-1.35977	0.0219431	0.56474	-1.77073	0.872276	0.967109	-1.03401	0.507709	0.869626	-1.14992	0.024295	0.572306	-1.74732		0.316727	0.80642	-1.24005	0.00838809	0.49659	-2.01373	0.556025	0.883574	-1.13177	0.252627	0.780061	-1.28195	2.73733	1.87319	0.608278	1
cg19419051	ZNF354B FLJ35220;FLJ35220;FLJ35220;LOC10029	0.08549423	0.593293	0.89252	-1.12042	0.212715	1.31894	1.31894	0.0363814	1.67046	1.67046	0.886724	0.970383	-1.03052	0.895857	0.972755	-1.02801		0.233445	0.768353	-1.30148	0.0136803	0.525624	-1.9025	0.189491	1.34065	1.34065	0.785506	0.944084	-1.05923	2.73732	1.9288	0.626338	1
cg10372402	4362	0.08549427	0.021079	0.35707	-2.80057	0.940064	1.02831	1.02831	0.283085	0.660988	-1.51289	0.100408	0.512679	-1.95054	0.245293	0.636906	-1.57009		0.0440339	0.423594	-2.36075	0.0495877	0.4353551	-2.297	0.02203	0.360776	-2.7718	0.0915108	0.501676	-1.99332	2.73732	5.97413	1.93998	1
cg19672997	MDGA2 BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.08548441	0.893231	1.01132	1.01132	0.743571	1.02789	1.02789	0.018234	1.27151	1.27151	0.786602	0.977513	-1.023	0.134738	0.860968	-1.14947		0.228128	0.947179	-1.05577	0.0373999	0.816728	-1.2244	0.86783	0.986137	-1.01406	0.0947217	1.16641	1.16641	2.7373	0.30455	0.098892	1
cg08774694	AR;BCAR1	0.08549442	0.81973	0.875862	-1.14171	0.0214718	4.97215	4.97215	0.0130521	5.97662	5.97662	0.122461	2.64252	2.64252	0.29787	0.534448	-1.87109		0.24584	2.02317	2.02317	0.389818	1.66798	1.66798	0.0947108	2.90454	2.90454	0.812211	1.14818	1.14818	2.7373	14.6126	4.74519	1
cg24450653	RBBP5	0.08549451	0.132909	0.411607	-2.42888	0.0437847	1.48017	1.48017	0.0216537	1.30249	1.30249	0.0830073	0.3404847	0.3404847	0.0116716	0.182545	-5.47555		0.706208	0.933885	-1.07096	0.56045	0.970284	-1.03085	0.200757	0.47724	-2.09538	0.77227	0.956055	0.970284	-1.03061	0.200757	0.47724	2.09538	0.77227	2.73731	12.9913	4.72872	1
cg24457897	SNRPA1	0.08549461	0.0299496	0.590992	-1.69207	0.0545048	1.56717	1.56717	0.712818	1.07911	1.07911	0.738853	1.07133	1.07133	0.10553	0.694767	-1.43933		0.201997	0.757715	-1.31976	0.0597701	0.645669	-1.54878	0.850787	0.96381	-1.03755	0.385482	2.10109	2.10109	2.73727	1.83873	0.597099	1
cg15633073	ZNF536	0.08549463	0.1513764	0.685651	-1.45849	0.0964133	1.36483	1.36483	0.0187485	1.34621	1.34621	0.0611883	1.38645	1.38645	0.0234242	0.722641	-1.38405		0.322594	0.881035	-1.13506	0.0484154	0.468091	-2.13634	0.0218464	1.36081	-1.27155	0.0273503	1.50065	1.50065	2.73727	3.50911	1.03668	1
cg14864773	ANKRD13A	0.08549465	0.151082	0.98272	1.98272	0.0551587	0.380148	-2.63055	0.651727	0.816981	-1.22402	0.518828	1.33771	1.33771	0.469686	0.720923	-1.38711		0.00802045	0.220623	-4.53262	0.227323	1.7574	1.7574	0.636043	0.808904	-1.23624	0.952395	0.97379	-1.02692	2.73727	0.57994	2.78621	1
cg23703823	7DHP	0.08549477	0.0651228	0.243753	-4.10252	0.0753319	0.259312	-3.85636	0.0637155	0.241504	-4.14071	0.469615	0.605641	-1.65114	0.015463	0.131988	-7.57647		0.286264	0.470074	-2.12733	0.459065	0.598167	-1.67177	0.65005	0.700742	-1.42706	0.0115029	0.11593	-8.62586	2.73726	20.1436	6.54138	1
cg08065292	PLEKHM1P	0.08549478	0.237628	2.10738	-1.47734	0.0745451	1.52739	1.52739	0.954903	1.00758	1.00758	0.0129	1.04083	1.04083	0.0658358	0.660297	-1.51466		0.159224	0.828312	-1.20696	0.11834	0.809406	-1.23547	0.576396	0.932035	-1.07292	0.546615	0.926633	-1.07918	2.73726	0.674221	0.218945	1
cg22165626	MCC	0.08549498	0.142404	0.412061	-2.42682	0.00382235	0.10513	-9.51202	0.0741336	0.326638	-3.06149	0.498324	1.47181	1.47181	0.134728	0.403871	-2.47604		0.23132	0.493663	-2.02568	0.534823	0.702295	-1.4239	0.455121	0.651987	-1.53377	0.451933	0.64994	-1.5386	2.73725	13.7041	4.45025	1
cg18929240	HEATR5B;HEATR5B	0.08549499	0.0416259	0.473962	-2.10958	0.0155097	0.72405	-1.40484	0.394153	0.913562	-1.09481	0.322344	1.24284	1.24284	0.0637308	0.422742	-2.36577		0.251936	0.615156	-1.62543	0.182624	0.133474	0.42235	-2.3677	0.0430207	0.2210317	0.513088	-1.94898	0.224724	2.73724	0.92105	0.336511	1
cg23121154	THAP4;THADA	0.08549502	0.173833	0.768496	-1.30124	0.0440104	0.500599	-1.99761	0.890894	1.02359	1.02359	0.170797	0.766876	-1.30399	0.344085	0.837734	-1.1937		0.646561	1.08766	1.08766	0.124719	1.35321	1.35321	0.610036	0.910636	-1.09813	0.600393	0.910465	-1.09834	2.73723	2.43583	0.466271	1
cg05002124	RBM26	0.08549593	0.117293	1.56046	1.56046	0.4015553	0.79886	-1.25178	0.629784	0.880698	-1.13546	0.0643362	0.580637	-1.72225	0.218784	1.40257	1.40257		0.133334	1.52735	1.52735	0.0541438	0.564581	-1.77123	0.0941798	1.61819	1.61819	0.59382	1.15119	1.15119	2.73723	2.96365	0.96313	1
cg06139513	RAB35;RAB35	0.08549597	0.0416259	0.473962	-2.10958	0.0155097	0.72405	-1.40484	0.394153	0.913562	1.24284	1.24284	0.0637308	0.422742	-2.36577	0.422742	-2.36577		0.251936	0.615156	-1.62543	0.182624	0.133474	0.42235	-2.3677	0.0430207	0.2210317	0.513088	-1.94898	0.224724	2.73723	0.92105	0.336511	1
cg02321154	ESX1	0.08550507	0.0789329	0.215285	-4.645	0.764884	0.78969	-1.26632	0.289953	2.37412	2.37412	0.0465504	0.61924	0.61924	0.132458	0.153582	-3.27575		0.163125	0.309789	-3.22801	0.622928	0.66765	-1.4772	0.0316072	0.76149	0.726149	0.980271	0.981206	-1.01915	2.73721	26.8657	8.72444	1
cg22233579	NRP2;NRP2;NRP2;NRP2;NRP2	0.08549603	0.0291285	0.4545	-2.20045	0.0277405	0.15293	-6.54526	0.0184881	0.56876	-1.75876	0.276621	0.3023407	0.3023407	0.0143994	0.0655722	-15.2403		0.0659372	0.2984288	-3.35044	0.0344308	0.26372	-3.79211	0.0139455	0.2299448	1.34231	1.34231	0.287928	0.7726268	-1.29417	0.5536343	1.15032	1.15032	0.173756	1.40248	1.40248	2.73717	2.3681	0.769035	1
cg10111774	RIOD1	0.08550534	0.176785	0.714923	-1.39875	0.0270408	1.84378	1.84378	0.0480619	1.69575	1.69575	0.261724	0.760683	-1.31461	0.362344	0.803461	-1.24462		0.229948	1.34231	1.34231	0.287928	0.7726268	-1.29417	0.5536343	1.15032	1.15032	0.173756	1.40248	1.40248	2.73717	2.3681	0.769035	1
cg18154014	ZNF793	0.08550565	0.996317	0.998816	-1.00119	0.282898	2.25851	2.25851	0.683871	1.14163	1.14163	0.312682	2.14372	2.14372	?	?	?		0.479599	1.60923	1.60923	0.0442766	2.04766	2.04766	0.0442766	1.66018	1.66018	0.0415815	1.96216	1.96216	2.73707	20.7099	7.50572	1
cg06861892	RET;RET	0.08550851	0.589709	1.15966	1.15966	0.927251	0.975459	-1.02516	0.692264	1.11431	1.11431	0.203074	1.44134	1.44134	0.75703	1.0881	1.0881		0.0155312	2.24234	2.24234	0.0233949	0.478578	-2.08952	0.273771	1.36324	1.36324	0.126229	1.5685	1.5685	2.73707	1.80907	1.04214	1
cg14258857	JAG2;JAG2	0.08550577	0.575737	0.847884	-1.17941	0.585976	1.17412	1.17412	0.428733	1.2659	1.2659	0.957245	0.984475	-1.01577	0.202863	0.675471	-1.48045		0.534238	0.832172	-1.20168	0.00198245	0.2794418	-3.57887	0.4583	0.802189	-1.24659	0.916338	0.969798	-1.03114	2.73713	3.69248	1.19914	1
cg18421160	ACACA;ACACA;ACACA	0.08550581	0.509368	1.17247	1.17247	0.651075	0.981354	-1.01834	0.545628	1.38856	1.38856	0.174007	1.88024	1.88024	0.0977401	0.531852	-1.8152		0.0294034	1.10456	1.10456	0.0138487	1.37759	1.37759	0.0053964	1.20135	1.20135	0.0512096	1.07137	1.07137	2.73711	0.46602	0.15134	1
cg09188235	GNAS;GNAS;GNAS;GNAS;GNAS;G NAS;GNAS;GNAS;GNAS;GNAS;GNAS;G	0.08550591	0.28643	0.914339	-1.09476	0.0312048	1.23971	1.22971	0.0326743	1.24999	1.24999	0.472348	0.941966	-1.06161	0.950613	1.00452	1.00452		0.167864	0.886728	-1.12774	0.95653	1.00353	1.03053	1.01601	0.869606	-1.14995	0.7006655	0.9689	-1.0321	2.73721	0.289079	0.0941725	1
cg07460838	MIR6079;HNRNPC;HNRNPC;HNRNPC	0.08550598	0.584724	0.89798	-1.11361	0.257085	1.2594	1.2594	0.473991	1.15256	1.15256	0.236341	0.785097	-1.27373	0.0613147	1.50848	1.50848		0.008744	0.521372	-1.91802	0.542092	0.886624	-1.12787	0.293124	0.808437	-1.23696	0.447128	0.859776	-1.16309	2.73709	1.64816	0.535253	1
cg16289229	ATF6B;ATF6B BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;B BIN1;BIN1	0.08551142	0.982099	0.994736	-1.00529	0.115948	1.47403	1.49473	0.202887	1.37195	1.37195	0.970789	1.00865	1.00865	0.108619	0.662524	-1.50938		0.0166714	0.502788	-1.98891	0.075702	0.628079	-1.59216	0.546936	1.15419	1.15419	0.487035	1.18072	1.18072	2.73703	2.39899	0.779104	1
cg21427464	IN1;BIN1;BIN1	0.08551184	0.182143	1.87072	1.87072	0.608583	1.25665	1.25665	0.572876	0.777255	-1.28658	0.11773	2.11098	2.11098	0.699917	0.84257	-1.18684		0.0827959	2.33883	2.33883	0.0262292	3.2099	3.2099	0.0173797	3.60038	3.60038	0.0600935	2.55497	2.55497	2.73698	8.47989	2.75402	1
cg00101350	MGAT3;MGAT3	0.08551185	0.15352	0.35352	-2.83153	0.00882579	0.94434	0.94434	0.10891	1.31762	1.31762	0.479468	0.610725	-1.63744	0.0479251	0.447213	-2.23607		0.194905	0.190447	-2.56117	0.675537	0.740193	-1.35077	0.0158354	0.449795	1.43853	1.43853	0.0144314	1.71938	1.71938	0.292635	2.11463	2.76707	0.9948	0.62363	1
cg04612824	MNRNP;HNRNPL	0.08552205	0.588215	1.17894	1.17894	0.515205	1.21983	1.21983	0.299877	1.382	1.382	0.160843	0.636959	-1.56996	0.115961	0.597796	-1.67281		0.00987062	0.374591	-2.66958	0.535209	0.827703	-1.20816	0.101611	-1.71553	1.71553	0.918668	1.03124	1.03124	2.73695	3.93097	1.27668	1
cg04055819	FRMD4A BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHL	0.08552218	0.218978	0.381907	-2.61844	0.0302134	0.66862	0.66862	0.597382	0.672429	-1.48715	0.908237	1.08964	1.08964	0.403959	0.529486	-1.88862		0.812787	1.19321	1.19321	0.0171035	0.70666	0.70666	0.120594	0.285501	-3.50262	0.565897	0.649145	-1.54049	2.73693	24.0303	7.80445	1
cg06302025	HB9;BHLHB9;BHLHB9;BHLHB9	0.08552231	0.221293	0.0929967	-10.7531	0.0608418	0.0201638	-49.5939	0.701051	0.490355	-2.03934	0.0633259	47.3652	47.3652	0.157395	16.3332	16.3332		0.0361666	0.0110996	-90.0934	?	?	?		0.0795895	2.15219	2.15219	0.789909	0.610596	-1.63774	2.76962	133.074	48.0476	1
cg16923996	TMEM231;TMEM231;TMEM231	0.08552232	3.102101	1.13233	1.13233	0.0503282	0.366365	0.366365	0.0155358	0.4344615	0.09958	-10.0423	0.909613	0.909613	0.0176061	0.170606	-5.86218		0.0159618	0.198465	1.1617	0.0587545	0.862751	-1.15908	0.0819466	0.925519	-1.08047	0.644827	1.03261	1.03261	2.73701	0.067321	0.0247	1
cg04456437	C3orf1;C3orf1	0.08552237	0.130266	1.36929	1.36929	0.299252	1.22987	1.22987	0.162572	1.33205	1.33205	0.398806	0.846933	-1.18073	0.0214387	0.587732	-1.70146		0.598643	1.10755	1.10755	0.0414759	0.636241	-1.57173	0.41467	0.851836	-1.17393	0.613451	0.90668	-1.10292	2.7369	1.60329	0.520714	1
cg19982658	AP1G2	0.08553308	?	?	?	0.667893	0.776126	-1.28845	0.00715138	0.86325	0.86325	0.145533	2.52688	2.52688	0.155185	2.46419	2.46419		?	?	?	?	?	?	?	1.04528	1.04528	10.8329	4.15016	1
cg23541617	GNPTAB	0.08553321	0.613735	1.63747	1.63747	0.244952	1.38578	1.38578	0.0144564	1.30057	1.30057	0.733757	1.15438	1.15438	0.0279248	0.722672	-1.38405		0.0861438	1.450528	-2.21962	0.0382372	0.4207273	-2.45536	0.0312094	0.914917	-1.09339	0.680063	1.18427	1.18427	2.7368	7.66425	2.48928	1
cg15600051	ZFYVE28	0.08553319	0.279516	1.41577	1.41577	0.0800243	1.85872	1.85872	0.302716	1.39118	1.39118	0.0301647	2.19984	2.19984	0.193926	1.52965	1.52965		0.0438687	2.04685	2.04685	0.485648	0.803243	-1.24495	0.216107	1.49565	1.49565	0.538775	1.21222	1.21222	2.73679	4.14518	1.34632	1
cg23295127	CLSTN1;CLSTN1	0.08553324	0.53638	1.07192	1.07192	0.0157994	1.32104	1.32104	0.0120114	1.58266	1.58266	0.0239044	1.56206	1.56206	0.0128635	0.824208	-1.21309		0.876471	1.093446	1.093446	0.2133	1.5148	1.5148	0.0126825	1.47112	1.47112	0.0284084	1.56528	1.56528	2.73679	1.48084	0.565814	1.29305	0.435	2.73679	0.49667	0.127966	1
cg18802368	KIAA1549;KIAA1549	0.08553331	0.998816	0.00063	1.00063	0.0864011	2.238505	4.18576	0.937331	0.966933	-1.0342	0.2136775	1.64566	1.64566	0.189716	0.550626	-1.81611		0.399891	1.44557	1.44557	0.837379	1.09186	1.09186	0.813178	1.10654	1.10654	0.0271885	0.326955	0.326955	2.73678	7.926	2.57432	1
cg02960853	GPR37	0.08553345	0.762371	0.720987	-1.38699	0.3398005	2.89	2.89	0.577569	0.545025	-1.83478	0.651194	0.611983	-1.63403	0.706854	0.665272	-1.50314		0.0782386	8.25198	8.25198	0.28327	3.32384	3.32384	0.00535066	52.3152	52.3152	0.0676111	10.9393	9.10393	2.73676	50.4381	16.3821	1
cg24581408	CCDC6559;MAFG	0.08553347	0.0147601	0.219152	-4.56307	0.0155147	0.55147	-1.52638	0.022909	0.566374	-1.76633	0.539217	0.703151	-1.42182	0.0572521	0.210136	-4.76002		0.184328	0.446501	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13756965	SHANK2	0.0856287	0.0170353	0.247651	-4.03794	0.574527	1.31278	1.31278	0.581997	1.3057	1.3057	0.0932085	0.412301	-2.42541	0.0297143	0.292976	-3.41324
cg16303074	RSF1	0.0856295	0.494402	1.17526	1.17526	0.0326424	0.558864	-1.78935	0.0160946	0.503869	-1.98464	0.886416	0.967284	-1.03382	0.993804	0.998195	-1.00181
cg10633601	TAL1	0.0856297	0.962031	1.01787	1.01787	0.375062	0.712617	-1.40328	0.11763	0.531294	-1.8822	0.0548771	0.444738	-2.24852	0.144533	0.558073	-1.79188
cg24630825	GPM6A;GPM6A	0.0856325	0.0192124	0.127813	-7.82393	0.0472275	0.19227	-5.20101	0.241205	0.410264	-2.43745	0.268354	0.432903	-2.30999	0.0179232	0.123791	-8.07811
cg16694631	ITPK1;ITPK1;ITPK1	0.0856346	0.0351903	0.702243	-1.42401	0.200621	0.823029	-1.21502	0.547055	0.915943	-1.09177	0.745524	0.954164	-1.04804	0.743043	0.953709	-1.04854
cg10905613	GPS2	0.0856356	0.820511	0.967655	-1.03343	0.109771	1.2869	1.2869	0.161331	1.24162	1.24162	0.928499	1.01307	1.01307	0.0705562	1.33963	1.33963
cg20607106	ALG14	0.0856377	0.0905995	1.4023	1.4023	0.926628	0.983436	-1.01684	0.789189	0.952567	-1.04979	0.6221	1.09427	1.09427	0.752554	0.944259	-1.05903
cg23866381	TBC1D1	0.0856387	0.40562	1.18147	1.18147	0.243322	0.7872	-1.27032	0.104757	0.706461	-1.41551	0.0503241	1.54847	1.54847	0.938784	1.01517	1.01517
cg03674660	SMOC2;SMOC2	0.0856399	0.454019	1.24343	1.24343	0.010497	0.398518	-2.5093	0.0216353	0.454843	-2.19856	0.807237	0.93255	-1.07233	0.577506	1.17439	1.17439
cg01614101	HTR3B	0.0856422	0.88062	0.911476	-1.09712	0.00637125	8.93399	8.93399	0.263035	2.05379	2.05379	0.548354	1.45441	1.45441	0.140793	0.376403	-2.65673
cg23710594	PHC2	0.0856426	0.923816	0.987219	-1.01295	0.378467	0.885575	-1.12921	0.509847	0.914015	-1.09407	0.352627	0.879301	-1.13727	0.537615	1.08756	1.08756
cg24390519	BRF2	0.0856437	0.0538166	0.404778	-2.47049	0.122661	0.501083	-1.99568	0.201051	0.57246	-1.74685	0.269469	0.621855	-1.60809	0.0133102	0.281704	-3.54983
cg16191024	CDKN1B	0.0856437	0.453156	0.901514	-1.10924	0.7618	1.04211	1.04211	0.00864579	1.57486	1.57486	0.608547	1.0726	1.0726	0.800546	1.03494	1.03494
cg25987804	RBMXL3;LRCH2	0.0856439	0.0781718	2.12885	2.12885	0.0315958	0.377891	-2.64626	0.448787	0.742279	-1.3472	0.685027	1.17052	1.17052	0.0631428	0.446206	-2.24112
cg04937594	NOP58	0.0856447	0.188236	0.852891	-1.17248	0.332697	0.892217	-1.1208	0.737212	1.03918	1.03918	0.763252	1.03508	1.03508	0.35399	1.11498	1.11498
cg06061878	UBASH3B	0.0856454	0.527008	0.874075	-1.14407	0.200724	0.752933	-1.32814	0.0738497	1.51951	1.51951	0.516285	1.1482	1.1482	0.711147	0.924866	-1.08124
cg18437193	DLGAP2	0.0856479	0.766594	0.895644	-1.11651	0.00909817	3.41103	3.41103	0.147218	1.77868	1.77868	0.356094	0.703672	-1.42112	0.752415	0.889433	-1.12431
cg13004509	CCDC67	0.0856489	0.456453	0.355603	-2.81213	0.262176	4.92272	4.92272	0.11434	0.0961965	-10.3954	?	?	?	0.0209465	0.0226554	-44.1396
cg13433250	LOC100132215	0.0856515	0.0439514	5.76308	5.76308	0.0447204	5.71631	5.71631	0.0882879	4.1489	4.1489	0.881415	1.11955	1.11955	0.221337	2.64471	2.64471
cg01097314	NCRNA00202	0.0856521	0.16486	0.65836	-1.51893	0.790647	0.927687	-1.07795	0.508587	0.827632	-1.20827	0.738278	0.909733	-1.09922	0.0509339	0.534031	-1.87255
cg27305662	C6orf15	0.0856533	0.0630728	0.60502	-1.65284	0.0296502	0.540478	-1.85021	0.0504571	0.585189	-1.70885	0.97612	1.00722	1.00722	0.064376	0.606874	-1.64779
cg26216243	GLYATL3	0.0856546	0.745108	0.914328	-1.0937	0.829507	0.942509	-1.061	0.0634247	0.56377	-1.77377	0.129203	0.637533	-1.56855	0.033944	0.506731	-1.97343
cg03554194	PVRL3	0.0856555	0.169559	1.56524	1.56524	0.0109085	0.375897	-2.66031	0.0645183	0.529483	-1.88863	0.403051	1.29955	1.29955	0.709901	0.891891	-1.12121
cg24019337	FRMD4A	0.0856577	0.306403	0.658362	-1.51892	0.182279	1.74855	1.74855	0.467115	0.746701	-1.33922	0.688549	0.852954	-1.1724	0.018429	0.323481	-3.09137
cg22395192	FAM46B	0.085659	0.090194	0.778559	-1.28442	0.907885	1.01564	1.01564	0.848342	1.026	1.026	0.687111	0.94717	-1.05578	0.752278	0.958442	-1.04336
cg10046212	FAM124A	0.0856602	0.113146	1.79871	1.79871	0.0301645	0.419764	-2.38229	0.405499	0.748422	-1.33615	0.995283	0.997989	-1.00201	0.921788	1.034	1.034
cg01899937	ACSL1	0.0856676	0.842179	1.09358	1.09358	0.296625	1.62511	1.62511	0.565144	0.770337	-1.29813	0.474143	1.3863	1.3863	0.02308	0.295464	-3.3845
cg01999158	RICH2	0.0856714	0.318842	1.15219	1.15219	0.375852	0.882521	-1.13312	0.0129836	0.654475	-1.52794	0.408778	1.12319	1.12319	0.478253	1.10422	1.10422
cg14666006	CCDC25	0.0856734	0.407818	1.23176	1.23176	0.778339	0.932885	-1.07194	0.869633	0.960369	-1.04127	0.542437	1.16392	1.16392	0.101026	1.55601	1.55601
cg17416793	KCNQ1;KCNQ1	0.0856735	0.100284	2.56635	2.56635	0.250566	1.87469	1.87469	0.137718	0.433137	-2.30874	0.533638	1.39096	1.39096	0.485598	1.44904	1.44904
cg03998066	TGFB1I1;TGFB1I1	0.0856736	0.643649	0.816529	-1.2247	0.0747455	0.415852	-2.4047	0.0132894	0.251535	-3.97559	0.970029	0.983803	-1.01646	0.0454645	0.360992	-2.77014
cg07027457	CBFA2T3	0.0856777	0.595877	0.631976	-1.58234	0.413913	0.488652	-2.04645	0.150646	0.266937	-3.7462	0.702567	0.719682	-1.3895	0.025735	0.103216	-9.68846
cg21784598	SCUBE2;SCUBE2	0.0856789	0.54882	0.88996	-1.12365	0.451944	0.863063	-1.15866	0.104668	0.711188	-1.4061	0.876844	0.970637	-1.03025	0.458813	0.865058	-1.15599
cg20315951	OVOL1	0.0856792	0.270238	1.25363	1.25363	0.110561	0.710079	-1.40829	0.426977	0.852395	-1.17317	0.0497619	0.643602	-1.55376	0.327435	0.819506	-1.22025
cg19037480	PALLD;PALLD;PALLD;PALLD	0.0856856	0.504217	0.951411	-1.05107	0.0146323	0.801775	-1.24723	0.00739144	0.775965	-1.28872	0.562598	1.04396	1.04396	0.453184	1.05777	1.05777
cg00219598	UGP2;UGP2	0.0856857	0.628275	0.883831	-1.13144	0.0401407	0.548671	-1.82259	0.0708916	0.600025	-1.6666	0.336668	0.778226	-1.28497	0.78082	1.07316	1.07316
cg17774711	TSNARE1	0.0856873	0.503165	0.895275	-1.11698	0.466597	0.886372	-1.12819	0.544189	0.904889	-1.10511	0.942746	1.01176	1.01176	0.187306	1.25551	1.25551
cg01153834	MRGPRE	0.0856885	0.686956	0.923002	-1.08342	0.195978	1.31055	1.31055	0.0753083	1.47942	1.47942	0.30564	1.23341	1.23341	0.92986	0.982739	-1.01756
cg21784894	PDE6B;PDE6B;PDE6B	0.0856897	0.328181	1.58461	1.58461	0.877036	0.931812	-1.07318	0.0416504	0.342599	-2.91886	0.927927	1.04213	1.04213	0.218527	1.80454	1.80454
cg12260643	LRFN3	0.0856923	0.19732	2.08287	2.08287	0.0327685	3.83719	3.83719	0.0104813	5.66558	5.66558	0.117571	2.49706	2.49706	0.276783	0.543888	-1.83861
cg14380635	LRRC8A;LRRC8A;LRRC8A	0.0856942	0.0321105	0.512576	-1.95093	0.70299	0.903043	-1.10737	0.428112	0.80624	-1.24033	0.201628	0.698394	-1.43186	0.159801	0.670405	-1.49164
cg06576010	CORO7	0.0856945	0.0331078	0.539443	-1.85377	0.10852	1.54298	1.54298	0.172292	0.697734	-1.43321	0.236261	0.735304	-1.35998	0.554532	0.862343	-1.15963
cg12070646	VAX2	0.085695	0.226932	0.671176	-1.48992	0.115911	0.584448	-1.71102	0.0456149	0.486552	-2.05528	0.062276	0.517045	-1.93407	0.0138182	0.384283	-2.60225
cg03694517	MIR517B;MIR520D	0.0856957	0.0236303	0.454976	-2.19792	0.266493	0.713622	-1.4013	0.0650668	0.546808	-1.8288	0.78302	1.08377	1.08377	0.0894468	0.579429	-1.72584
cg22286184	PLEKHH3	0.0856961	0.485126	1.13983	1.13983	0.0309128	0.626549	-1.59605	0.95893	0.990544	-1.00955	0.107996	0.723575	-1.38203	0.336507	1.20061	1.20061
cg14545975	RXRA	0.0856974	0.04035	0.621016	-1.61027	0.00934844	0.515262	-1.94076	0.0896557	0.686334	-1.45702	0.337797	0.819732	-1.21991	0.0915953	0.688193	-1.45308
cg04994980	RADIL	0.0857	0.264922	0.770791	-1.29737	0.144785	1.42038	1.42038	0.943443	0.984228	-1.01602	0.711167	0.92004	-1.08691	0.255671	0.76653	-1.30458
cg04798158	FCF1;KIAA0317	0.085701	0.0269076	0.52894	-1.89057	0.0812893	1.59938	1.59938	0.769119	1.07415	1.07415	0.431479	1.21544	1.21544	0.0490238	1.72654	1.72654
cg05652569	DQX1	0.0857012	0.0650659	0.345532	-2.89408	0.361758	0.6182	-1.6176	0.402181	0.644131	-1.55248	0.612886	0.769705	-1.2992	0.0436999	0.304362	-3.28556
cg25670839	ZNF614	0.0857021	0.00697273	0.624797	-1.60052	0.800287	0.966417	-1.03475	0.275216	1.16529	1.16529	0.436662	0.898586	-1.11286	0.211794	0.837566	-1.19394
cg06570167	NRCAM;NRCAM	0.0857022	0.0841964	0.746122	-1.34026	0.217907	0.819805	-1.2198	0.628335	1.07764	1.07764	0.0841535	1.34033	1.34033	0.300174	1.1789	1.1789
cg00615892	CHTF8;CIRH1A;CHTF8;CHTF8;CHTF8;CIRH1A	0.085703	0.22349	0.60687	-1.6478	0.143181	1.84855	1.84855	0.450311	1.35037	1.35037	0.157845	1.80343	1.80343	0.876025	1.06286	1.06286
cg19659210	ASB7;LINS1;LINS1;ASB7;LINS1;LINS1	0.0857033	0.897583	0.975983	-1.02461	0.761318	0.94411	-1.0592	0.851215	0.965173	-1.03608	0.600269	0.905004	-1.10497	0.912481	0.979458	-1.02097
cg10626383	LSM5;LSM5;LSM5;LSM5	0.0857046	0.737173	0.951632	-1.05083	0.0215482	1.50123	1.50123	0.221489	0.827662	-1.20822	0.182462	0.811995	-1.23153	0.596996	0.924467	-1.0817
cg24151755	GALNT2	0.0857047	0.488264	0.761681	-1.31289	0.975343	0.988122	-1.01202	0.969391	1.01495	1.01495	0.163131	0.562411	-1.77806	0.0774217	0.468165	-2.136
cg05548325	BASP1	0.0857077	0.467956	0.812443	-1.23086	0.859062	1.05126	1.05126	0.773835	1.08441	1.08441	0.049766	1.87656	1.87656	0.359786	1.30319	1.30319
cg11046772	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0857088	0.458737	0.705394	-1.41765	0.946017	1.03182	1.03182	0.786558	1.13378	1.13378	0.266004	0.584993	-1.70942	0.136397	0.476019	-2.10076
cg04170442	WDR75	0.0857103	0.0318004	0.265786	-3.76243	0.840516	1.11193	1.11193	0.808478	0.879966	-1.13641	0.952711	1.03172	1.03172	0.164876	0.458327	-2.18185
cg04259935	SMOC2;SMOC2	0.0857117	0.405648	1.16187	1.16187	0.052822	0.678332	-1.4742	0.136575	0.753657	-1.32686	0.978098	0.995171	-1.00485	0.612199	1.09433	1.09433
cg20633875	KPNA6	0.0857133	0.393474	0.869234	-1.15044	0.0306723	1.50239	1.50239	0.333039	1.17362	1.17362	0.0435574	0.689306	-1.45073	0.726274	0.945208	-1.05797
cg23363014	HLA-L	0.0857152	0.262861	0.721069	-1.38683	0.567134	0.850399	-1.17592	0.966257	0.988219	-1.01192	0.512003	1.2048	1.2048	0.0451047	0.525157	-1.90419
cg25176883	TRIM65	0.0857178	0.370705	1.21073	1.21073	0.998251	0.999544	-1.00046	0.0994674	1.45593	1.45593	0.117978	1.42353	1.42353	0.646762	1.10075	1.10075
cg26663651	KLRG2	0.0857185	0.268145	1.36783	1.36783	0.167256	1.49152	1.49152	0.626397	1.1425	1.1425	0.300365	0.747192	-1.33834	0.238182	0.71497	-1.39866
cg18515545	ASB9;ASB9;ASB9;ASB9;ASB9	0.0857192	0.87252	0.943789	-1.05956	0.506544	0.784432	-1.27481	0.133056	0.557746	-1.79293	0.0212509	0.368764	-2.71176	0.013537	0.332546	-3.0071
cg08983966	USP36	0.08572	0.398404	1.20017	1.20017	0.411129	0.837477	-1.19406	0.496619	0.86445	-1.1568	0.494217	1.15778	1.15778	0.316262	0.8036	-1.2444
cg23160522	CYP1A1	0.0857207	0.295399	0.388732	-2.57247	0.03117	0.11057	-9.04408	0.231406	0.335192	-2.98336	0.129166	0.239845	-4.16937	0.0222167	0.09192	-10.879
cg20022118	ICA1;ICA1;ICA1	0.085724	0.0144592	0.210747	-4.74502	0.0378326	0.288147	-3.47045	0.0540737	0.323143	-3.09461	0.400387	0.640984	-1.5601	0.0345529	0.279868	-3.57311
cg07837534	ARHGAP30;ARHGAP30	0.0857242	0.031766	0.142073	-7.03862	0.0233472	0.122355	-8.17293	0.135211	0.286966	-3.48474	0.131285	0.282784	-3.53626	0.0546133	0.184469	-5.42096
cg08983259	INSL5	0.0857256	0.708579	0.896627	-1.11529	0.0456172	0.513708	-1.94663	0.0692131	0.553885	-1.80543	0.518891	0.826922	-1.2093	0.0611977	1.84608	1.84608
cg04441314	DENND3	0.0857279	0.0667311	0.49566	-2.01751	0.07443	0.507314	-1.97116	0.167705	0.605279	-1.65213	0.595849	0.832966	-1.20053	0.0225947	0.393665	-2.54023
cg06329547	MAD1L1;MAD1L1;MAD1L1	0.0857282	0.770718	1.05415	1.05415	0.429265	1.15674	1.15674	0.410651	0.859142	-1.16395	0.820811	0.959888	-1.04179	0.0949041	0.718073	-1.39262
cg15062310	SLC12A9	0.0857294	0.765143	1.17376	1.17376	0.756584	0.84681	-1.1809	0.495984	1.44827	1.44827	0.153927	0.438417	-2.28094	0.472079	1.47993	1.47993
cg03852276	KIAA1875	0.085731	0.351029	0.833328	-1.20001	0.255697	0.798201	-1.25282	0.0109351	0.545141	-1.83439	0.762823	1.05918	1.05918	0.743052	0.939425	-1.06448
cg04118910	RASA3	0.0857332	0.977132	1.01739	1.01739	0.026574	0.205811	-4.85883	0.038437	0.236367	-4.2307	0.390533	1.69743	1.69743	0.716587	0.803121	-1.24514
cg08047860	GLRX5;SNHG10;SCARNA13;SNHG10	0.0857336	0.701231	0.895239	-1.11702	0.141055	1.57529	1.57529	0.234872	1.42965	1.42965	0.965883	1.01235	1.01235	0.0198933	2.24091	2.24091
cg24483002	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.0857386	0.444731	1.20031	1.20031	0.170016	1.40847	1.40847	0.0376011	1.75994	1.75994	0.360285	0.802188	-1.24659	0.372487	0.806886	-1.23933
cg01935958	LMF1	0.08574	0.43289	0.717838	-1.39307	0.00491953	0.213684	-4.67981	0.0731614	0.437035	-2.28815	0.54122	1.292	1.292	0.298979	0.640246	-1.5619
cg14990438	C11orf49;C11orf49;C11orf49;C11orf49	0.0857406	0.63172	1.06654	1.06654	0.311414	1.14994	1.14994	0.63034	0.937359	-1.06683	0.370057	0.884439	-1.13066	0.12418	1.2487	1.2487
cg09559551	DDI2;RSC1A1	0.0857456	0.540705	0.822529	-1.21576	0.0259498	0.434335	-2.30237	0.192477	0.647155	-1.54523	0.587593	0.841355	-1.18856	0.212701	1.51292	1.51292
cg17808639	EGFL6;EGFL6	0.0857462	0.883484	1.09493	1.09493	0.168115	0.403182	-2.48027	0.174768	0.409594	-2.44144	0.00207656	0.0685147	-14.5954	0.234699	0.462877	-2.1604
cg08111414	KIAA0182;KIAA0182	0.0857475	0.709602	1.17528	1.17528	0.12521	2.04732	2.04732	0.455334	0.720144	-1.38861	0.599089	1.25739	1.25739	0.00414063	0.190181	-5.25815
cg16931707	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.0857486	0.0523412	4.08974	4.08974	0.845044	0.882586	-1.13303	0.790199	0.843495	-1.18554	0.312419	1.94833	1.94833	0.283332	2.03703	2.03703
cg12529006	LIPA;LIPA	0.0857489	0.267642	1.21702	1.21702	0.0152579	1.65988	1.65988	0.670235	1.07558	1.07558	0.914954	1.01834	1.01834	0.358775	0.851717	-1.1741
cg14697835	ODZ4	0.0857508	0.364794	1.14112	1.14112	0.71944	0.95015	-1.05247	0.365354	0.876471	-1.14094	0.227394	1.19679	1.19679	0.0498151	0.728204	-1.37324
cg08173459	C13orf35	0.0857509	0.0785582	0.402846	-2.48234	0.877811	0.93091	-1.07422	0.00558563	0.183877	-5.43841	0.57347	0.767442	-1.30303	0.095303	0.426219	-2.34621
cg08933000	C1orf86;LOC100128003;C1orf86	0.0857538	0.0156384	0.322354	-3.10218	0.158541	0.562275	-1.77849	0.738189	0.879724	-1.13672	0.485379	1.31104	1.31104	0.0439632	0.412993	-2.42135
cg24302752	BCKDHB;BCKDHB	0.0857544	0.146125	0.372808	-2.68235	0.307504	0.512707	-1.95043	0.72032	0.79663	-1.25529	0.195955	0.421125	-2.37459	0.0451925	0.233826	-4.27669
cg22226532	ATG9B	0.0857559	0.994664	0.995024	-1.005	0.739593	0.779736	-1.28249	0.161443	0.327807	-3.05057	0.0304252	0.149951	-6.66884	0.0772774	0.231088	-4.32736
cg09824900	IGF1R	0.0857588	0.0689761	0.272906	-3.66426	0.188185	0.410723	-2.43473	0.180829	0.403856	-2.47613	0.109504	0.328414	-3.04494	0.0146076	0.146758	-6.81394
cg26886277	REEP1;REEP1;REEP1;REEP1	0.0857596	0.0310252	2.11748	2.11748	0.319637	0.737312	-1.35628	0.0993739	1.70787	1.70787	0.0503929	1.93645	1.93645	0.0343972	2.07752	2.07752
cg21370255	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0857603	0.0191213	0.0864518	-11.5671	0.0133957	0.0710675	-14.0711	0.0675638	0.170671	-5.85922	0.290995	0.388291	-2.57539	0.0759817	0.181809	-5.50027
cg00401745	ARHGEF4;ARHGEF4	0.0857631	0.204722	1.68755	1.68755	0.0712797	2.19846	2.19846	0.875898	1.06302	1.06302	0.1783	1.74934	1.74934	0.0414212	2.50849	2.50849
cg09301471	ANKRD11	0.0857637	0.693323	0.884759	-1.13025	0.85599	1.05772	1.05772	0.999984	1.00001	1.00001	0.770569	1.09454	1.09454	0.0512199	0.50367	-1.98543
cg24925929	SEMA5B	0.0857664	?	?	?	0.808502	0.884134	-1.13105	0.160051	0.467065	-2.14103	0.988212	0.992535	-1.00752	0.169594	2.10025	2.10025
cg10860527	CCDC138	0.0857678	?	?	?	0.261719	1.57531	1.57531	0.740251	1.13704	1.13704	0.802736	1.10142	1.10142	0.0895554	0.480354	-2.0818
cg24849633	SHANK3	0.0857682	0.243159	0.699433	-1.42973	0.207264	1.47591	1.47591	0.242369	1.43067	1.43067	0.391402	0.773339	-1.29309	0.0807952	0.567353	-1.76257
cg26015416	NTNG1;NTNG1;NTNG1	0.0857691	0.0607996	0.228096	-4.38412	0.0361545	0.181991	-5.49478	0.138512	0.327855	-3.05013	0.213989	0.40054	-2.49663	0.0429828	0.196203	-5.09675
cg05022341	TSPAN17;TSPAN17;TSPAN17	0.0857714	0.0594229	1.76913	1.76913	0.0395187	1.89347	1.89347	0.0666131	1.73574	1.73574	0.778452	1.07855	1.07855	0.86698	0.95605	-1.04597
cg03028851	DKC1;SNORA36A;DKC1	0.0857717	0.57933	1.30607	1.30607	0.863779	1.08533	1.08533	0.2565	0.568495	-1.75903	0.305953	0.603237	-1.65772	0.00253334	0.135564	-7.3766
cg22721796	TMCO6	0.0857723	0.049489	0.364269	-2.74522	0.0761923	0.411104	-2.43247	0.21442	0.554951	-1.80196	0.50337	0.736406	-1.35795	0.012338	0.245668	-4.07053
cg16679650	CNR2	0.0857729	0.0931641	0.368618	-2.71284	0.231547	0.507605	-1.97004	0.0209416	0.222852	-4.48728	0.184138	0.467072	-2.141	0.022103	0.226987	-4.40554
cg04356362	TRABD	0.0857749	0.553271	1.06925	1.06925	0.0741666	0.800806	-1.24874	0.768114	0.967531	-1.03356	0.275318	1.13508	1.13508	0.0914706	0.812632	-1.23057
cg02779667	C19orf51	0.0857751	0.812034	1.08427	1.08427	0.208318	1.56914	1.56914	0.332412	0.71205	-1.4044	0.0195137	0.383367	-2.60847	0.576851	0.825756	-1.21101
cg09290505	WHSC2	0.0857756	0.0145476	0.559148	-1.78844	0.478412	0.870055	-1.14935	0.199762	0.769782	-1.29907	0.0918142	1.4312	1.4312	0.0833041	0.628972	-1.5899
cg03686950	SLC29A4;SLC29A4	0.0857775	0.666895	1.17961	1.17961	0.0149384	0.31928	-3.13205	0.499698	0.769998	-1.2987	0.659163	1.18451	1.18451	0.0319798	0.383426	-2.60807
cg19821527	RAB3GAP2;SNORA36B	0.08578	0.0992905	1.42445	1.42445	0.641839	1.09606	1.09606	0.0813184	0.684995	-1.45986	0.578616	1.11612	1.11612	0.0411736	1.58605	1.58605
cg08698856	RAB2A	0.0857804	0.524173	0.873688	-1.14457	0.238906	0.772571	-1.29438	0.942214	0.984949	-1.01528	0.953747	1.01221	1.01221	0.00629787	0.47502	-2.10517
cg02172018	GABRA2;GABRA2;GABRA2	0.0857818	0.0802849	0.58712	-1.70323	0.132961	1.56036	1.56036	0.126395	1.57433	1.57433	0.791382	1.07547	1.07547	0.0532306	0.547297	-1.82716
cg00128654	C14orf102;C14orf102	0.0857833	0.536234	0.886833	-1.12761	0.0476472	0.647712	-1.5439	0.633341	1.09653	1.09653	0.29459	1.23175	1.23175	0.0132083	1.80222	1.80222
cg25433496	FAM101B	0.0857833	0.800158	0.881291	-1.1347	0.77622	0.867645	-1.15255	0.047921	0.324133	-3.08515	0.33551	1.6401	1.6401	0.00639162	0.170717	-5.85765
cg11391510	EIF4G3	0.0857845	0.305752	1.3646	1.3646	0.359258	1.31828	1.31828	0.776494	0.919951	-1.08701	0.134685	1.60444	1.60444	0.0477349	0.514981	-1.94182
cg14012538	PTPRN2;PTPRN2;PTPRN2	0.0857872	0.686105	0.901958	-1.1087	0.385251	0.797656	-1.25367	0.063943	0.589297	-1.69694	0.00603348	0.402104	-2.48692	0.05798	0.580257	-1.72337
cg03716245	MDN1	0.0857874	0.229725	0.626916	-1.59511	0.16528	0.577888	-1.73044	0.0470857	0.43087	-2.32089	0.458292	1.3229	1.3229	0.569562	0.80819	-1.23733
cg26752888	NEIL2;NEIL2;NEIL2;NEIL2;NEIL2;NEIL2;NEIL2	0.0857891	0.213145	2.00083	2.00083	0.623524	0.771084	-1.29688	?	?	?	0.428716	1.53011	1.53011	0.943022	0.963181	-1.03823
cg04438595	SPEN	0.0857895	0.90159	1.02704	1.02704	0.0156861	1.89434	1.89434	0.058874	1.58446	1.58446	0.603009	1.11984	1.11984	0.923468	0.979486	-1.02094
cg09464487	ACTR6	0.0857916	0.89237	0.977952	-1.02254	0.172801	1.26988	1.26988	0.647056	1.07887	1.07887	0.0178396	0.622354	-1.6068	0.873772	0.974157	-1.02653
cg17477795	PXDNL	0.085792	0.740302	0.933465	-1.07128	0.403352	0.837772	-1.19364	0.665329	0.913853	-1.09427	0.373339	1.20824	1.20824	0.912235	1.02308	1.02308
cg13091627	S100A4;S100A4	0.0857921	0.425723	0.829196	-1.20599	0.0501291	0.597916	-1.67248	0.161068	0.708436	-1.41156	0.279712	0.771999	-1.29534	0.956899	0.987632	-1.01252
cg15122013	FAM113A	0.0857933	0.124574	0.400358	-2.49777	0.0799696	0.343183	-2.91389	0.183771	0.460098	-2.17345	0.168355	0.4457	-2.24366	0.0125162	0.180839	-5.52978
cg08915615	WASF2	0.0857936	0.011337	0.284245	-3.51809	0.119627	0.511709	-1.95424	0.332231	0.672414	-1.48718	0.234391	0.60984	-1.63977	0.0504543	0.412901	-2.42189
cg13077050	C11orf41	0.0857939	0.459415	1.74725	1.74725	0.00780662	12.5529	12.5529	0.00889939	11.774	11.774	0.464792	1.73524	1.73524	0.908986	0.91877	-1.08841
cg06205574	SOX5;SOX5	0.0857956	0.0770744	0.322382	-3.10191	0.0698786	0.311226	-3.2131	0.357989	0.580223	-1.72348	0.997816	0.998425	-1.00158	0.00626653	0.128602	-7.77593
cg09169413	P11	0.0857984	0.847819	0.936727	-1.06755	0.736316	0.891381	-1.12186	0.0244176	0.401577	-2.49018	0.173971	0.611351	-1.63572	0.0598647	0.485606	-2.05928
cg10578952	TBCE;TBCE	0.0857989	0.127462	0.563259	-1.77538	0.509545	1.2624	1.2624	0.310703	0.693982	-1.44096	0.982191	0.992256	-1.0078	0.00269782	0.236026	-4.23683
cg04857172	SRL	0.0857989	0.163915	0.626723	-1.5956	0.349948	0.738867	-1.35342	0.0135081	0.38224	-2.61616	0.0753062	0.536385	-1.86433	0.0228874	0.424724	-2.35447
cg09729613	AOX1	0.0857999	0.327335	0.521166	-1.91877	0.787937	1.18978	1.18978	0.136428	0.355539	-2.81263	0.0582865	3.97141	3.97141	0.867557	1.11357	1.11357
cg20299263	PTPRE	0.0858016	0.667795	1.0716	1.0716	0.0133941	1.63328	1.63328	0.101143	1.33315	1.33315	0.184886	1.25262	1.25262	0.950039	0.990013	-1.01009
cg21903826	PRKCD;PRKCD	0.0858016	0.519105	1.12341	1.12341	0.067553	0.694453	-1.43998	0.00448647	0.509375	-1.96319	0.212119	0.791361	-1.26365	0.48242	0.880641	-1.13554
cg03209720	C6orf35	0.0858018	0.124481	0.64099	-1.56009	0.109566	1.59435	1.59435	0.82144	0.941347	-1.06231	0.877786	0.959688	-1.042	0.873806	0.958391	-1.04342
cg13641903	WT1;WT1;WT1;WT1	0.0858037	0.0201221	10.8245	10.8245	0.213157	3.04599	3.04599	0.0716053	5.52415	5.52415	0.890574	0.889632	-1.12406	0.504349	0.562363	-1.77821
cg03438101	INPP5A	0.0858038	0.760594	0.882467	-1.13319	0.00977864	0.262755	-3.80583	0.0494717	0.399667	-2.50208	0.581253	1.25598	1.25598	0.115199	0.49623	-2.0152
cg07846855	C10orf11	0.0858089	0.127723	0.708818	-1.4108	0.0680923	1.53259	1.53259	0.0235851	0.56838	-1.75939	0.506457	1.15127	1.15127	0.631398	1.10629	1.10629
cg11806389	ZNF446	0.0858094	0.127793	0.723747	-1.3817	0.168475	1.33397	1.33397	0.479441	1.15163	1.15163	0.480452	0.868629	-1.15124	0.958647	1.01023	1.01023

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13756965	0.505545	0.723158	-1.38282	0.0430067	0.327181	-3.05641	0.369894	0.642874	-1.55552	0.64557	1.24881	1.24881	2.7355	9.97307	3.2407	1
cg16303074	0.765456	1.07211	1.07211	0.0425662	1.72189	1.72189	0.57765	0.877296	-1.13987	0.840333	0.954139	-1.04807	2.73549	2.34653	0.762496	1
cg10633601	0.335911	0.69124	-1.44667	0.318413	0.681292	-1.4678	0.0138471	3.10148	3.10148	0.842189	1.077	1.077	2.73549	6.0002	1.94975	1
cg24630825	0.939192	1.05697	1.05697	0.50416	0.611251	-1.63599	0.0829652	0.248051	-4.03144	0.0479506	0.193592	-5.16549	2.73545	22.8481	7.42452	1
cg16694631	0.70457	0.946594	-1.05642	0.0113093	1.57939	1.57939	0.956611	0.992192	-1.00787	0.10662	0.775813	-1.28897	2.73542	0.899352	0.292249	1
cg10905613	0.0609135	1.35748	1.35748	0.0289052	0.688871	-1.45165	0.41246	0.885825	-1.12889	0.371839	1.14186	1.14186	2.73541	0.906868	0.294692	1
cg20607106	0.153063	0.757696	-1.31979	0.0572539	0.677022	-1.47706	0.294514	1.21794	1.21794	0.0147564	1.72314	1.72314	2.73538	1.42464	0.462952	1
cg23866381	0.0417468	1.58408	1.58408	0.0601138	1.51532	1.51532	0.979264	0.994919	-1.00511	0.299005	0.809798	-1.23488	2.73537	1.6641	0.540768	1
cg03674660	0.675208	0.88658	-1.12793	0.868496	0.953766	-1.04848	0.0476667	0.523634	-1.90973	0.466064	0.809047	-1.23602	2.73535	3.53533	1.14885	1
cg01614101	0.397325	1.70666	1.70666	0.107498	0.338433	-2.95479	0.993623	0.995083	-1.00494	0.557236	0.693416	-1.44214	2.73532	16.4795	5.35529	1
cg23710594	0.813737	0.968758	-1.03225	0.00750989	1.58838	1.58838	0.0261219	1.4261	1.4261	0.469554	1.10401	1.10401	2.73532	0.783474	0.254604	1
cg24390519	0.024153	0.329361	-3.03618	0.0779266	0.445209	-2.24614	0.0553801	0.407763	-2.4524	0.132736	0.511658	-1.95443	2.7353	7.3925	2.40234	1
cg16191024	0.425222	1.11681	1.11681	0.132295	0.802224	-1.24653	0.0587661	1.33592	1.33592	0.0972687	1.28004	1.28004	2.7353	0.797377	0.259123	1
cg25987804	0.079457	2.12049	2.12049	0.504785	1.29864	1.29864	0.332466	1.47112	1.47112	0.617174	0.823182	-1.2148	2.7353	6.45804	2.09867	1
cg04937594	0.316584	0.888549	-1.12543	0.00805256	0.678815	-1.47315	0.629529	1.05704	1.05704	0.0643051	1.26774	1.26774	2.73529	0.564258	0.183367	1
cg06061878	0.0999225	0.684842	-1.46019	0.00920924	0.49946	-2.00216	0.933475	1.01769	1.01769	0.414763	1.19131	1.19131	2.73528	1.91016	0.62075	1
cg18437193	0.819911	0.919038	-1.08809	0.0200157	2.82704	2.82704	0.333248	1.44706	1.44706	0.409569	1.36651	1.36651	2.73525	5.93843	1.92984	1
cg13004509	?	?	?	0.256285	5.02996	5.02996	0.187101	0.148642	-6.72758	0.276896	4.67256	4.67256	2.80843	64.2941	26.1637	1
cg13433250	0.434888	1.82712	1.82712	0.0785472	4.38521	4.38521	0.00769995	13.3364	13.3364	0.15278	3.18513	3.18513	2.7352	24.7937	8.05749	1
cg01097314	0.791386	1.07766	1.07766	0.17986	1.49458	1.49458	0.00511185	0.352153	-2.83967	0.963975	0.987339	-1.01282	2.73519	3.44771	1.12044	1
cg27305662	0.161315	0.698007	-1.43265	0.288249	1.3034	1.3034	0.0512847	0.586612	-1.7047	0.370766	0.801804	-1.24719	2.73517	2.50227	0.8132	1
cg26216243	0.473182	0.818471	-1.22179	0.00707029	0.384522	-2.60063	0.0524727	0.545827	-1.83208	0.255254	0.721716	-1.38559	2.73516	3.26577	1.06133	1
cg03554194	0.811109	1.07606	1.07606	0.198762	1.5156	1.5156	0.292891	1.39669	1.39669	0.6155	0.856369	-1.16772	2.73515	4.06127	1.31986	1
cg24019337	0.0649148	0.441211	-2.26649	0.0340103	0.376512	-2.65596	0.272234	1.57007	1.57007	0.674209	0.846287	-1.18163	2.73512	6.74982	2.19363	1
cg22395192	0.102592	0.787073	-1.27053	0.134196	0.805329	-1.24173	0.915767	1.01428	1.01428	0.00311867	0.581649	-1.71925	2.7351	0.778372	0.252966	1
cg10046212	0.165436	1.65489	1.65489	0.0715926	1.98384	1.98384	0.0960836	1.86316	1.86316	0.258079	0.669095	-1.49456	2.73508	5.02226	1.63221	1
cg01899937	0.200255	1.83513	1.83513	0.0185572	3.60019	3.60019	0.14589	2.01489	2.01489	0.934319	0.96369	-1.03768	2.73498	8.72176	2.83463	1
cg01999158	0.625429	0.934585	-1.06999	0.078718	0.764525	-1.308	0.605777	0.930912	-1.07422	0.0684837	1.32373	1.32373	2.73493	0.819039	0.266198	1
cg14666006	0.105755	0.647261	-1.54497	0.00765667	0.43003	-2.32542	0.40324	1.23439	1.23439	0.300075	0.767687	-1.30261	2.73491	2.6252	0.853231	1
cg17416793	0.211471	1.99183	1.99183	0.0259751	3.98844	3.98844	0.0127208	5.05611	5.05611	0.488104	1.44586	1.44586	2.73491	11.8679	3.85727	1
cg03998066	0.898591	0.946086	-1.05699	0.02676	0.309816	-3.22772	0.0561472	0.383379	-2.60838	0.166572	0.52338	-1.91066	2.92239	8.55977	2.27814	1
cg07027457	0.133543	0.249709	-4.00466	0.00806729	0.0545126	-18.3444	0.0693726	0.175216	-5.70725	0.0528196	0.151514	-6.60007	2.73485	31.8397	10.3486	1
cg21784598	0.208655	1.29008	1.29008	0.00488535	2.04805	2.04805	0.910385	1.02187	1.02187	0.4355	1.1652	1.1652	2.73483	1.59956	0.519898	1
cg20315951	0.22544	0.778278	-1.28489	0.137136	0.729585	-1.37064	0.0664386	1.49976	1.49976	0.0584427	0.656384	-1.5235	2.73483	1.6793	0.545817	1
cg19037480	0.876678	1.01148	1.01148	0.63757	0.965727	-1.03549	0.284577	0.921554	-1.08512	0.852687	0.986431	-1.01376	2.73474	0.23394	0.0760388	1
cg00219598	0.880036	1.03897	1.03897	0.011863	2.2146	2.2146	0.71038	1.09902	1.09902	0.970061	0.990545	-1.00955	2.73474	2.77493	0.90195	1
cg17774711	0.0457443	1.45192	1.45192	0.0124368	1.65938	1.65938	0.106878	0.750814	-1.33189	0.869982	1.02703	1.02703	2.73472	1.1481	0.373177	1
cg01153834	0.00672175	2.00395	2.00395	0.0287223	1.66573	1.66573	0.816118	1.04715	1.04715	0.150888	1.35589	1.35589	2.73471	1.69417	0.550673	1
cg21784894	0.238819	0.56967	-1.7554	0.423716	1.45161	1.45161	0.218429	1.80479	1.80479	0.0148565	0.254951	-3.92233	2.73469	9.0105	2.92879	1
cg12260643	0.818619	1.13164	1.13164	0.0769678	2.88295	2.88295	0.314749	1.75013	1.75013	0.795012	1.15048	1.15048	2.73465	12.554	4.08063	1
cg14380635	0.00644074	0.389348	-2.5684	0.996055	1.00132	1.00132	0.818443	0.940625	-1.06312	0.0340713	0.517641	-1.93184	2.73463	3.06949	0.997735	1
cg06576010	0.494521	1.18752	1.18752	0.0237269	0.5123	-1.95198	0.108301	0.64789	-1.54347	0.946844	1.01666	1.01666	2.73463	2.65836	0.8641	1
cg12070646	0.122301	0.590766	-1.69272	0.034958	0.461906	-2.16494	0.0482622	0.491938	-2.03277	0.266	0.694684	-1.4395	2.73462	4.2786	1.39076	1
cg03694517	0.146068	0.634601	-1.57579	0.521223	1.20863	1.20863	0.014142	0.413778	-2.41675	0.510883	0.823374	-1.21451	2.73461	3.67833	1.19565	1
cg22286184	0.170169	0.763738	-1.30935	0.309482	1.21415	1.21415	0.379635	1.18091	1.18091	0.0381539	1.55791	1.55791	2.7346	1.47423	0.4792	1
cg14545975	0.628784	1.10296	1.10296	0.52644	1.13782	1.13782	0.986474	0.996596	-1.00342	0.167354	0.743728	-1.34458	2.73459	1.75258	0.569684	1
cg04994980	0.989016	0.99692	-1.00309	0.0034807	2.43137	2.43137	0.865035	1.03885	1.03885	0.536837	1.15042	1.15042	2.73455	2.17435	0.706789	1
cg04798158	0.275226	0.758925	-1.31765	0.140124	0.679956	-1.47068	0.93815	1.01904	1.01904	0.431015	1.21569	1.21569	2.73454	2.55755	0.831358	1
cg05652569	0.0202171	0.237703	-4.20693	0.0120858	0.200831	-4.97932	0.0795888	0.368543	-2.71338	0.793994	0.874367	-1.14368	2.73454	11.3985	3.70521	1
cg25670839	0.62831	0.936376	-1.06795	0.635088	0.937606	-1.06655	0.0154011	0.669863	-1.49284	0.701509	0.949426	-1.05327	2.73452	0.786474	0.255653	1
cg06570167	0.603837	0.922889	-1.08355	0.0325307	0.681416	-1.46753	0.0917597	1.32922	1.32922	0.505304	1.10918	1.10918	2.73452	1.01771	0.330818	1
cg00615892	0.58815	0.80775	-1.23801	0.00806085	0.265726	-3.76328	0.216204	1.66232	1.66232	0.586879	0.807151	-1.23893	2.73451	6.60416	2.14677	1
cg19659210	0.0276869	0.61178	-1.63458	0.00267846	0.456768	-2.1893	0.929519	0.983438	-1.01684	0.994333	1.00134	1.00134	2.73451	1.54343	0.501713	1
cg10626383	0.488598	1.10911	1.10911	0.0140131	0.639835	-1.5629	0.674997	0.939817	-1.06404	0.771618	0.958066	-1.04377	2.73449	0.938262	0.304997	1
cg24151755	0.469484	0.752381	-1.32911	0.00630045	0.25268	-3.95758	0.672095	0.848229	-1.17893	0.0164528	0.321976	-3.10582	2.73449	6.47364	2.10436	1
cg05548325	0.146101	1.55091	1.55091	0.00351125	3.045	3.045	0.334185	1.32331	1.32331	0.256855	1.39493	1.39493	2.73445	3.42582	1.11363	1
cg11046772	0.134219	0.473744	-2.11084	0.00261572	0.145448	-6.87531	0.695133	1.19985	1.19985	0.259703	0.580487	-1.72269	2.73444	9.2672	3.01251	1
cg04170442	0.0113742	0.188556	-5.30347	0.136125	0.429282	-2.32947	0.90369	1.06582	1.06582	0.152705	2.24007	2.24007	2.73441	12.0078	3.90345	1
cg04259935	0.15077	1.31199	1.31199	0.0109152	1.75668	1.75668	0.811772	0.958804	-1.04297	0.829246	1.03882	1.03882	2.7344	1.34665	0.437763	1
cg20633875	0.344369	1.16901	1.16901	0.955709	0.991135	-1.00894	0.175887	1.25952	1.25952	0.0708657	0.723562	-1.38205	2.73437	1.11316	0.361865	1
cg23363014	0.263366	0.72134	-1.38631	0.188486	0.676823	-1.47749	0.0104155	2.46855	2.46855	0.606489	0.864541	-1.15668	2.73435	3.39865	1.10484	1
cg25176883	0.1407	0.719171	-1.39049	0.395247	0.834328	-1.19857	0.0155928	1.85318	1.85318	0.0552459	1.57157	1.57157	2.73431	1.87412	0.60925	1
cg26663651	0.902593	1.03381	1.03381	0.016762	0.452586	-2.20952	0.0430568	1.88167	1.88167	0.513777	0.83542	-1.197	2.73431	3.19352	1.03817	1
cg18515545	0.289105	1.48652	1.48652	0.159462	0.581794	-1.71882	0.391917	1.37163	1.37163	0.793711	0.909907	-1.09901	2.7343	5.62065	1.82721	1
cg08983966	0.0281075	0.578502	-1.7286	0.0153835	1.87316	1.87316	0.382208	1.20819	1.20819	0.338274	0.811953	-1.2316	2.73429	1.92858	0.626961	1
cg23160522	0.0750505	0.177954	-5.61942	0.0129866	0.0682659	-14.6486	0.172217	0.282164	-3.54404	0.121	0.231279	-4.32378	2.73428	32.8357	10.6746	1
cg20022118	0.56917	0.742846	-1.34617	0.0490417	0.313174	-3.19312	0.123024	0.421783	-2.37089	0.212687	0.507561	-1.97021	2.73423	11.5599	3.75809	1
cg07837534	0.0620276	0.196138	-5.09846	0.442598	0.545016	-1.83481	0.0239327	0.12384	-8.07492	0.150671	0.302955	-3.30082	2.73423	26.0271	8.46134	1
cg08983259	0.0872817	1.73094	1.73094	0.145214	1.57554	1.57554	0.840172	0.943005	-1.06044	0.548362	0.838193	-1.19304	2.73421	3.65736	1.189	1
cg04441314	0.205544	0.633823	-1.57773	0.0103956	0.33229	-3.00942	0.0580931	0.48128	-2.07779	0.493213	0.788524	-1.26819	2.73418	5.04808	1.64114	1
cg06329547	0.793508	1.04848	1.04848	0.00863634	1.8298	1.8298	0.516327	0.888031	-1.12609	0.065465	0.688597	-1.45223	2.73418	1.41007	0.458418	1
cg15062310	0.00949868	0.161258	-6.20124	0.025843	0.233734	-4.27838	0.413033	1.56651	1.56651	0.850672	1.10601	1.10601	2.92154	12.9422	3.44549	1
cg03852276	0.82611	1.04268	1.04268	0.0198682	1.70586	1.70586	0.868784	0.969081	-1.03191	0.584433	1.11062	1.11062	2.73414	1.56252	0.507987	1
cg04118910	0.360581	0.568224	-1.75987	0.364317	0.570859	-1.75175	0.0673234	3.43126	3.43126	0.207025	2.22611	2.22611	2.73411	15.6607	5.09146	1
cg08047860	0.782176	1.08282	1.08282	0.0336001	0.490395	-2.03917	0.135507	0.630109	-1.58703	0.953366	1.01693	1.01693	2.73411	3.56852	1.16017	1
cg24483002	0.0862017	0.641291	-1.55935	0.0250585	0.53545	-1.86759	0.822248	0.948634	-1.05415	0.959196	0.988081	-1.01206	2.73404	2.37815	0.773184	1
cg01935958	0.344506	0.668097	-1.49679	0.0492019	0.394575	-2.53437	0.815846	1.10146	1.10146	0.201372	0.571842	-1.74874	2.73402	7.42944	2.41547	1
cg14990438	0.805546	0.967631	-1.03345	0.00775362	1.57805	1.57805	0.0651227	0.758612	-1.3182	0.920144	0.986711	-1.01347	2.73401	0.770633	0.25055	1
cg09559551	0.341937	1.36194	1.36194	0.0205728	2.41091	2.41091	0.457087	0.787484	-1.26987	0.584855	0.840268	-1.1901	2.73395	4.30918	1.40104	1
cg17808639	0.933775	1.05274	1.05274	0.756694	0.825149	-1.2119	0.845402	0.886278	-1.12831	0.789172	1.18026	1.18026	2.73394	16.5591	5.38388	1
cg08111414	0.6156	1.2443	1.2443	0.791362	0.891836	-1.12128	0.187193	1.82865	1.82865	0.978353	0.988354	-1.01178	2.73392	8.07162	2.62435	1
cg16931707	0.109336	3.04767	3.04767	0.00997527	7.97932	7.97932	0.0411401	4.49932	4.49932	0.0697787	3.64862	3.64862	2.7339	17.6405	5.73556	1
cg12529006	0.886355	0.97597	-1.02462	0.0235632	0.631332	-1.58395	0.185606	0.787624	-1.26964	0.652176	1.08023	1.08023	2.7339	1.25262	0.407273	1
cg14697835	0.67191	1.06225	1.06225	0.0202236	1.48733	1.48733	0.0993242	1.2919	1.2919	0.133842	1.2576	1.2576	2.73388	0.870153	0.28292	1
cg08173459	0.642471	0.804485	-1.24303	0.0316213	0.309556	-3.23043	0.506211	0.730624	-1.36869	0.0957718	0.426833	-2.34284	2.73387	9.37562	3.04838	1
cg08933000	0.520895	0.77991	-1.2822	0.961076	0.98153	-1.01882	0.0249151	0.360748	-2.77202	0.0758746	0.470159	-2.12694	2.73384	6.31837	2.05438	1
cg24302752	0.0204058	0.170779	-5.85551	0.0188179	0.165334	-6.04835	0.0266902	0.190017	-5.26268	0.191502	0.417064	-2.39771	2.73383	17.3168	5.63045	1
cg22226532	0.133543	0.299098	-3.34338	0.00820737	0.0802666	-12.4585	0.0897844	0.247864	-4.03447	0.11354	0.276843	-3.61215	2.73381	24.086	7.83149	1
cg09824900	0.299918	0.503832	-1.98479	0.0407034	0.2214	-4.51671	0.311294	0.512495	-1.95124	0.0147968	0.147531	-6.77822	2.73377	17.6309	5.73271	1
cg26886277	0.664909	1.13784	1.13784	0.767356	1.09189	1.09189	0.037654	2.04315	2.04315	0.872449	1.04876	1.04876	2.73376	3.80168	1.23613	1
cg21370255	0.175035	0.287881	-3.47366	0.0546539	0.152307	-6.56567	0.110942	0.223295	-4.47839	0.406261	0.480229	-2.08234	2.73375	32.2695	10.4925	1
cg00401745	0.0380421	2.56091	2.56091	0.00906134	3.65806	3.65806	0.0898931	2.07715	2.07715	0.250241	1.59971	1.59971	2.73371	6.62011	2.15258	1
cg09301471	0.152712	0.62304	-1.60503	0.0147009	0.395453	-2.52874	0.13573	1.64327	1.64327	0.0594881	0.518344	-1.92922	2.7337	4.13181	1.3435	1
cg24925929	0.180168	2.05824	2.05824	0.0097372	5.25007	5.25007	0.0882699	2.59588	2.59588	0.75534	0.853395	-1.17179	2.76629	10.0174	3.62122	1
cg10860527	0.0960416	2.04532	2.04532	0.0106344	3.61781	3.61781	0.227165	1.63695	1.63695	0.195278	1.70416	1.70416	2.95239	6.05653	1.79497	1
cg24849633	0.0614334	0.539682	-1.85294	0.0251287	0.458555	-2.18076	0.247517	1.42461	1.42461	0.888505	0.959772	-1.04191	2.73364	3.70942	1.20618	1
cg26015416	0.896258	1.09551	1.09551	0.0319074	0.17235	-5.80214	0.340246	1.98832	1.98832	0.146005	0.335748	-2.97842	2.73363	21.1709	6.88409	1
cg05022341	0.617733	0.873806	-1.14442	0.0303869	0.505463	-1.97838	0.776239	1.07939	1.07939	0.40831	1.25452	1.25452	2.7336	3.11207	1.01196	1
cg03028851	0.285307	1.69755	1.69755	0.885678	1.07101	1.07101	0.909035	1.05601	1.05601	0.475148	0.707305	-1.41382	2.7336	9.84421	3.20106	1
cg22721796	0.0915883	0.433024	-2.30934	0.0148858	0.259391	-3.85518	0.238728	0.573533	-1.74358	0.312013	0.624246	-1.60193	2.73359	8.78814	2.85766	1
cg16679650	0.317969	0.572492	-1.74675	0.018617	0.214071	-4.67134	0.0671612	0.330019	-3.03013	0.197378	0.478876	-2.08822	2.73358	12.6407	4.11041	1
cg04356362	0.108793	0.822622	-1.21563	0.730286	0.962102	-1.03939	0.243741	1.14586	1.14586	0.0257936	1.34385	1.34385	2.73356	0.539564	0.175454	1
cg02779667	?	?	?	0.514438	1.25174	1.25174	0.146983	1.69658	1.69658	0.0458308	0.459568	-2.17596	2.76618	4.49208	1.62393	1
cg09290505	0.80477	0.953291	-1.049	0.488829	1.14547	1.14547	0.927033	0.982464	-1.01785	0.170854	0.754529	-1.32533	2.73355	1.61512	0.525201	1
cg03686950	0.224695	1.62661	1.62661	0.872034	1.06342	1.06342	0.478909	1.316	1.316	0.0735959	0.467248	-2.14019	2.73352	6.30003	2.04865	1
cg19821527	0.874416	0.969505	-1.03145	0.0134434	1.82075	1.82075	0.635833	0.910829	-1.0979	0.752737	1.06384	1.06384	2.73349	1.65977	0.539731	1
cg08698856	0.144034	1.38866	1.38866	0.161633	1.36707	1.36707	0.922638	0.979885	-1.02053	0.149598	0.723823	-1.38155	2.73348	1.89464	0.61611	1
cg02172018	0.587875	0.860561	-1.16203	0.0622756	0.562144	-1.7789	0.902956	1.03404	1.03404	0.163689	1.50372	1.50372	2.73346	3.26109	1.06047	1
cg00128654	0.749488	1.06336	1.06336	0.534605	1.12816	1.12816	0.0438822	1.5591	1.5591	0.611682	1.10315	1.10315	2.73344	1.59173	0.517614	1
cg25433496	0.0701143	0.364678	-2.74214	0.722028	1.19477	1.19477	0.647766	1.25754	1.25754	0.532905	0.730048	-1.36977	2.73344	10.7443	3.49393	1
cg11391510	0.961211	0.985845	-1.01436	0.158592	1.55545	1.55545	0.00978032	2.60543	2.60543	0.805174	1.07513	1.07513	2.73343	3.72009	1.20974	1
cg14012538	0.0708588	0.598948	-1.6696	0.673265	1.11373	1.11373	0.598731	0.873836	-1.14438	0.126064	0.656799	-1.52254	2.73339	2.79232	0.908051	1
cg03716245	0.0250901	0.372584	-2.68396	0.022085	0.361678	-2.76489	0.0454804	0.427445	-2.33948	0.864788	0.938804	-1.06518	2.73339	5.94315	1.93269	1
cg26752888	0.187271	2.09619	2.09619	0.00562756	0.136205	-7.34185	0.673448	0.800399	-1.24938	0.471284	0.68005	-1.47048	2.95206	11.2055	3.32136	1
cg04438595	0.713559	1.08278	1.08278	0.0237797	0.558745	-1.78972	0.782488	0.942048	-1.06152	0.509905	1.15511	1.15511	2.73336	2.01442	0.655089	1
cg09464487	0.54893	0.90495	-1.10503	0.162323	0.782173	-1.27849	0.0275178	1.53617	1.53617	0.395589	1.15405	1.15405	2.73333	1.17404	0.381803	1
cg17477795	0.808996	0.951109	-1.0514	0.00216516	2.4375	2.4375	0.402651	0.83754	-1.19397	0.889624	1.02916	1.02916	2.73333	1.85481	0.60319	1
cg13091627	0.146807	1.43129	1.43129	0.0452744	1.69701	1.69701	0.539065	0.866579	-1.15396	0.0542981	0.604786	-1.65348	2.73333	2.29546	0.746492	1
cg15122013	0.0392944	0.269066	-3.71656	0.0227277	0.222887	-4.48658	0.706701	0.812123	-1.23134	0.123442	0.399075	-2.5058	2.73331	13.1193	4.26646	1
cg08915615	0.027307	0.354814	-2.81838	0.155295	0.546978	-1.82823	0.560372	1.26315	1.26315	0.140524	0.533103	-1.87581	2.73331	6.81445	2.2161	1
cg13077050	0.731145	1.29114	1.29114	0.285777	2.27342	2.27342	0.114851	3.56173	3.56173	0.77923	1.23145	1.23145	2.7333	23.7583	7.72635	1
cg06205574	0.0862995	0.33579	-2.97805	0.13766	0.398262	-2.51091	0.803938	1.15401	1.15401	0.100852	0.355293	-2.81458	2.73328	14.3553	4.66847	1
cg09169413	0.0439153	2.19861	2.19861	0.428342	1.31666	1.31666	0.287713	1.45578	1.45578	0.825996	0.92783	-1.07778	2.73324	5.0106	1.62952	1
cg10578952	0.31251	0.694993	-1.43886	0.743096	0.891771	-1.12136	0.865459	0.942651	-1.06084	0.104614	0.539135	-1.85482	2.73324	5.25074	1.70762	1
cg04857172	0.190767	0.646763	-1.54616	0.0379808	0.469182	-2.13137	0.0646549	0.520586	-1.92091	0.195331	0.649976	-1.53852	2.73324	4.28308	1.39292	1
cg09729613	0.197626	0.415736	-2.40537	0.239308	0.45194	-2.21268	0.0142576	7.01572	7.01572	0.864538	1.11633	1.11633	2.73322	17.9813	5.8478	1
cg20299263	0.0136191	1.63048	1.63048	0.896536	1.02106	1.02106	0.0586553	1.40793	1.40793	0.171678	1.26247	1.26247	2.7332	1.1106	0.361187	1
cg21903826	0.680024	0.928824	-1.07663	0.671361	0.926833	-1.07894	0.271778	1.2259	1.2259	0.221635	0.795555	-1.25698	2.7332	1.37214	0.446245	1
cg03209720	0.535797	0.845644	-1.18253	0.890344	0.963788	-1.03757	0.00614252	2.60111	2.60111	0.209131	0.701885	-1.42474	2.7332	3.09485	1.00651	1
cg13641903	0.402537	0.482953	-2.07059	0.381155	0.466198	-2.14501	0.024641	9.71275	9.71275	0.861109	0.861756	-1.16042	2.73317	31.2443	10.1614	1
cg03438101	0.859687	1.07508	1.07508	0.150843	1.87741	1.87741	0.854697	1.07788	1.07788	0.236157	0.601772	-1.66176	2.73317	7.24564	2.35645	1
cg07846855	0.674785	1.09219	1.09219	0.0454756	1.61509	1.61509	0.390044	1.20209	1.20209	0.931114	0.982094	-1.01823	2.7331	1.89041	0.614818	1
cg11806389	0.0784991	0.681293	-1.4678	0.0649938	0.665722	-1.50213	0.0118133	0.539378	-1.85399	0.808702	0.953488	-1.04878	2.7331	1.66907	0.542834	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22532061	ELAC1	0.0858109	0.00961955	0.447589	-2.23419	0.808151	1.06148	1.06148	0.258963	0.749114	-1.33491	0.2562	0.747745	-1.33735	0.785262	1.06928	1.06928	0.437518	0.823453	-1.2144	0.0888945	0.631135	-1.58445	0.226754	1.36517	1.36517	0.128806	1.4957	1.4957	2.73308	2.60398	0.846901	1
cg15418581	AKAP5	0.085811	0.125016	0.790513	-1.265	0.728474	0.951861	-1.05057	0.192101	1.21587	1.21587	0.603925	1.0769	1.0769	0.167558	0.812008	-1.23152	0.016722	0.66134	-1.51208	0.365255	0.876609	-1.14076	0.175578	1.22617	1.22617	0.146459	1.2469	1.2469	2.73307	0.867445	0.282123	1
cg04218035	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.0858117	0.104709	3.79858	3.79858	0.404115	1.90127	1.90127	0.0543069	5.17363	5.17363	0.689322	0.739005	-1.35317	0.469793	0.574958	-1.73926	0.371671	1.99441	1.99441	0.605351	0.675492	-1.4804	0.00750086	13.333	13.333	0.0960722	3.95715	3.95715	2.73307	24.5197	7.97468	1
cg01737592	MIR769	0.0858117	0.171566	0.726937	-1.37564	0.0454906	0.604971	-1.65297	0.0321137	0.576935	-1.7333	0.261695	0.773794	-1.29233	0.674906	0.911717	-1.09683	0.528403	1.15022	1.15022	0.0315201	1.73772	1.73772	0.759739	0.934999	-1.06952	0.892065	1.03019	1.03019	2.73306	2.07804	0.675851	1
cg19650197	PLEKHF1;PLEKHF1	0.085814	0.102217	2.28704	2.28704	0.190721	1.89814	1.89814	0.190264	1.89955	1.89955	0.0688725	0.38995	-2.56443	0.0267603	0.297058	-3.36635	0.381031	0.659944	-1.51528	0.306014	1.63268	1.63268	0.388885	1.50448	1.50448	0.837578	0.909425	-1.0996	2.73303	9.26079	3.01197	1
cg02399645	DPYSL3	0.0858145	0.0241935	0.461351	-2.16755	0.071328	1.78565	1.78565	0.0643325	1.819	1.819	0.663046	0.881439	-1.13451	0.229566	1.43749	1.43749	0.421951	0.789678	-1.26634	0.221178	1.44801	1.44801	0.694971	0.89276	-1.12012	0.22212	1.44681	1.44681	2.73303	3.58659	1.1665	1
cg27115340	SCN4B;SCN4B;SCN4B;SCN4B	0.0858163	0.0319435	0.789205	-1.2671	0.0113125	0.741764	-1.34814	0.0192081	0.765828	-1.30578	0.65234	0.958189	-1.04364	0.576124	0.948197	-1.05463	0.695119	0.963585	-1.03779	0.250403	0.89305	-1.11976	0.765271	1.0286	1.0286	0.66685	1.04163	1.04163	2.733	0.383916	0.124866	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1211 vs. N)	Fold-Change(1211 vs. N)	Ratio(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1534 vs. N)	Fold-Change(1534 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14837896	THBS4	0.0859778	0.69596	0.907334	-1.07871	0.186477	0.763235	-1.31021	0.01658549	0.569762	-1.77532	0.220746	0.780077	-1.28192	0.01884361	0.629571	-1.58818	0.204287	0.77225	-1.29492	0.685092	1.08322	0.92758099	1.464567	0.832045	0.881817	-1.13402	2.78386	1.60978	0.52398	1
cg26845036	PSME4	0.0859792	0.542553	0.902828	-1.10763	0.496622	0.891844	-1.12127	0.25638	0.82163	-1.21709	0.0119966	0.68154	1.61758	0.11798	0.754644	-1.32513	0.197645	1.25336	0.793096	0.735297	1.35222	0.547674	1.10616	1.01616	0.525001	0.898685	-1.11274	2.70384	1.18944	0.387164	1
cg13020378	SLC15A3;SLC15A3	0.0859795	0.648684	0.902421	-1.10813	0.950377	0.986165	-1.01403	0.00352317	0.412433	-2.42463	0.366013	0.812293	-1.23108	0.704812	0.918333	-1.08893	0.22243	0.7505	-1.33244	0.12197	1.45534	0.161054	0.715276	-1.39806	0.697235	0.916203	-1.09146	2.70384	2.16713	0.705404	1
cg26187965	H1	0.0859796	0.814826	0.932568	-1.07231	0.139439	0.623957	-1.60525	0.262353	0.706262	-1.4159	0.0938335	0.577952	-1.73025	0.00546599	0.337516	-2.96633	0.98965	0.996148	-1.00387	0.770414	0.9165065	-1.09098	0.118864	1.65487	0.652941	0.972713	-1.02805	2.70383	3.82981	1.24661	1
cg17749946	HDGFL1	0.0859806	0.6794	0.904669	-1.10538	0.667359	0.901036	-1.10986	0.325721	0.782997	-1.27714	0.874049	1.038898	1.038898	0.166031	1.427772	1.427772	0.3709388	1.24792	1.24792	0.00269904	2.71642	2.71642	0.76678	1.07403	1.074403	0.6149476	2.884916	-1.13005	2.70382	2.151954	2.818162	1
cg24345166	RREB1;RREB1;RREB1;RREB1	0.0859813	0.499243	0.905908	-1.10387	0.316783	0.861482	-1.16079	0.0566884	0.73288	-1.36448	0.204167	0.824434	-1.21295	0.0267682	0.685198	-1.45943	0.0243588	0.679385	-1.47192	0.762374	1.04466	1.04466	0.162121	0.806505	-1.23992	0.01836638	0.662165	-1.5102	2.70381	0.897706	0.292206	1
cg14209518	NINMT;NINMT	0.0859849	0.32999	0.947879	-1.54828	0.154455	0.515385	-1.9401	0.0802354	0.434532	-2.32276	0.682125	0.804042	-1.19611	0.00333738	0.176205	-5.68099	0.893021	0.943168	-1.06026	0.04606306	0.356379	2.80603	0.442161	0.731214	-1.40505	0.437561	0.70867	-1.41109	2.70376	8.1785	2.662318	1
cg16098486	LOC284440	0.0859856	0.509853	0.911018	1.09767	0.0445032	1.379339	1.379339	0.105737	1.279311	0.2795165	0.753182	1.3277	0.464527	0.904434	1.10934	0.0250051	0.690732	-1.44774	0.627266	1.07059	1.07059	0.115156	1.01532	0.812629	0.968601	-1.03242	2.70375	0.840381	0.273553	1
cg27591920	BCL2L11;BCL2L11	0.0859861	0.0873863	0.326447	-3.06329	0.858074	0.899185	-1.11212	0.400873	0.600212	-1.66608	0.195706	0.443821	-2.25316	0.103561	0.347546	-2.87732	0.249174	0.489176	-2.04425	0.00517224	0.111748	-8.94872	0.0265257	0.209889	-4.76443	0.198616	0.446426	-2.24001	2.70375	15.2423	4.96154	1
cg20139835	PDE2A;PDE2A	0.0859863	0.140958	1.73494	1.73494	0.7924972	1.905088	1.03881	0.0266472	0.480485	2.08123	0.47654	1.284343	1.284343	0.0855227	1.599755	2.08329	0.141046	1.7347	1.7347	0.977502	0.999186	1.00018082	0.134681	1.34681	0.567765	1.222551	1.222551	2.70375	5.23623	1.70441	1
cg18651291	MGMT	0.0859876	0.566623	1.1766	1.176	0.107023	1.63883	1.63883	0.611407	1.15472	1.15472	0.157281	1.52903	1.52903	0.390612	0.781156	-1.28015	0.286123	1.36481	1.36481	0.00621768	2.72228	2.72228	0.48134	1.25834	0.159303	1.95993	1.95993	0.13998	1.5618	1.5618	2.70373	3.40922	1.10975	1
cg08203079	CDK6R1	0.0859889	0.20863	0.551797	-1.81236	0.152159	2.33166	2.33166	0.167396	2.2529	2.2529	0.894513	0.9264	-1.07596	0.14445	0.420972	-2.37546	0.880109	0.920576	-1.08687	0.107728	0.379563	-2.63461	0.00192644	0.160624	-6.22573	0.705192	0.810774	-1.23339	2.70371	13.1731	4.28805	1
cg05200925	NGDN;NGDN	0.0859892	0.381271	1.53035	1.53035	0.153607	2.03956	2.03956	0.457447	0.702573	-1.42334	0.495004	1.3816	1.3816	7	7	7	0.7700434	0.872194	-1.14653	7	7	7	0.0080223	0.205005	-4.87794	0.304419	0.608858	-1.64242	2.80358	7.51588	3.06379	1
cg05017302	FEZ1	0.0859933	0.402483	1.29349	1.29349	0.0956389	0.97853	2.97853	0.96054	0.987299	-1.01286	0.0775637	0.82652	1.82652	0.623527	0.861918	-1.1602	0.675145	1.13496	1.13496	0.0753709	1.81235	1.81235	0.0555546	1.91615	1.91615	0.22161	1.47089	1.47089	2.73065	3.90142	1.27	1
cg06353830	TMEM72A;TRMT2A;RANBP1	0.0859944	0.805251	1.06403	-1.09409	0.0384253	0.475877	-2.10153	0.0227922	0.388443	-2.5877	0.631578	0.838736	-1.19227	7	7	7	0.0188113	0.353995	2.83946	0.163068	1.73936	1.73936	0.874988	0.944301	-1.05898	0.74226	0.886808	-1.12764	2.70318	5.15438	1.86538	1
cg23600701	EFCAB4A	0.0859946	0.920996	1.02437	1.02437	0.0702422	0.611924	-1.63419	0.0272344	0.530347	-1.88556	0.495699	1.1828	1.1828	0.0134387	0.457771	-2.10185	0.4445556	0.827657	-1.20823	0.0813641	0.6257096	-1.59819	0.0946128	0.640253	-1.56188	0.52986	0.856882	-1.16702	2.70363	2.54732	0.829216	1
cg15748006	YWHAQ	0.0859947	0.550502	0.842662	-1.46482	0.00900064	0.15807	0.15807	0.15876	2.90503	2.90503	0.659371	1.32193	1.32193	0.0189933	0.220713	-4.53037	0.695312	0.779761	-1.28264	0.7141656	0.7902793	-1.26136	0.454335	1.6188	1.6188	0.444581	0.8883053	-1.13243	2.70363	17.2748	5.62338	1
cg07838098	RHOU	0.0859956	0.0367999	0.537529	-1.86102	0.131976	0.498871	-2.00453	0.404297	0.824503	-1.21285	0.1853112	0.702953	1.702953	0.1308732	1.410156	-2.56314	0.2564114	0.764761	-1.3076	0.4605526	0.8247993	-1.21243	0.336313	0.7990601	-1.25158	0.09318896	0.518804	-1.92785	2.70362	2.21563	0.721245	1
cg13563932	PPP5A	0.0859958	0.580414	0.888706	-1.12523	0.0127621	0.520058	-1.92286	0.15098	0.722365	-1.38434	0.305871	0.799286	-1.25112	0.94878	1.2261	1.2261	0.2156699	1.317	1.317	0.0619234	1.5593	1.5593	0.437148	0.845775	-1.18235	0.813619	1.05117	1.05117	2.70362	1.93125	0.628673	1
cg02097144	MAGI2	0.0859961	0.32999	0.947879	-1.54828	0.154455	0.515385	-1.9401	0.0802354	0.434532	-2.32276	0.682125	0.804042	-1.19611	0.00333738	0.176205	-5.68099	0.1172267	1.15808	1.15808	0.0683415	2.51601	2.51601	0.0943934	3.19085	3.19085	0.154109	1.99128	1.99128	2.70361	8.83986	2.87762	1
cg05348888	ACTBT2	0.0860005	0.110976	0.696753	-1.43523	0.840006	0.95881	-1.04296	0.0108219	0.513753	-1.94646	0.728073	0.929943	-1.07533	0.0863828	0.674221	-1.48319	0.239026	1.29251	1.29251	0.332419	1.23129	1.23129	0.396427	1.19806	1.19806	0.15046	0.725634	-1.37811	2.70356	1.87249	0.60956	1
cg23939510	FCGBP	0.0860005	0.153321	1.84081	-1.2654	0.0334411	0.95046	1.05121	0.0674615	0.829558	-1.20579	0.0859268	0.775556	1.289504	0.0859268	0.775556	-1.28956	0.2256646	1.43189	1.43189	0.0107504	0.1101446	0.1101446	0.0798386	0.46594	-2.1462	0.18279	0.427768	-2.33772	2.70356	2.3866	0.832369	1
cg21042248	MGC2752	0.086001	0.231294	2.96423	2.96423	0.0189597	11.6907	11.6907	0.0698558	5.77963	5.77963	0.417517	2.04831	2.04831	0.532862	1.72746	1.72746	0.5239441	1.74879	1.74879	0.0110491	15.772	15.772	0.0279041	9.47261	9.47261	0.236428	2.92596	2.92596	2.70355	32.3892	10.5438	1
cg19782686	SPATS2L	0.0860021	0.02524381	0.272081	-3.67538	0.0599344	0.354034	-2.82459	0.543424	0.740156	-1.35107	0.050708	0.929943	-1.07533	0.0863828	0.674221	-1.48319	0.32622	0.609031	-1.64195	0.91173	0.947194	-1.05575	0.397492	0.589558	-1.69619	0.0261747	0.275103	-3.63501	2.70354	0.31502	3.36936	1
cg20588946	TMEM32;DLG2	0.0860031	0.00660943	0.184396	-5.42303	0.000261	1.00295	1.00295	0.993262	1.006772	-1.66372	0.0326557	0.858973	1.858973	0.272952	1.765882	1.90567	0.955356	1.01325	1.01325	0.852073	0.9587532	-1.01326	0.764068	1.07624	1.07624	0.7374459	0.923928	-1.08234	2.70352	2.39173	0.7786	1
cg25372841	CYHR1	0.0860057	0.164251	1.23916	1.23916	0.779709	0.960296	-1.04135	0.0899122	0.763314	-1.31008	0.144964	1.25379	1.25379	0.992161	1.00142	1.00142	0.109801	0.777348	-1.28643	0.110567	0.777843	-1.28561	0.0336138	1.43132	1.43132	0.562353	1.08832	1.08832	2.70349	0.902791	0.293897	1
cg24953886	BEND7;BEND7	0.0860061	0.0823359	0.596166	-1.67738	0.0473803	0.94709	1.84709	0.554483	0.774329	-1.14398	0.339427	0.853437	-1.53037	0.0250964	0.646922	-2.0637	0.9157443	0.984119	-1.01614	0.8319982	1.421183	1.421183	0.0441483	2.12927	2.12927	0.327886	0.704848	-2.30806	2.69734	3.16451	0.843675	1
cg11972327	RERE;RERE;RERE	0.0860088	0.347086	0.677865	-1.47522	0.0092395	0.76898	0.76898	0.048921	2.46699	2.46699	0.335815	1.48967	1.48967	0.325755	1.50301	1.50301	0.271752	0.631639	-1.58318	0.306732	0.653812	-1.52949	0.359587	1.45976	1.45976	0.87585	0.939145	-1.0648	2.70345	0.97389	2.27033	1
cg13561028	SPTA2	0.086014	0.760522	0.941957	-1.06162	0.0077669	0.511977	-1.95321	0.0107299	0.53412	-1.87224	0.946062	1.01132	1.01132	0.208944	0.771772	-1.29572	0.958991	1.01011	1.01011	0.514432	0.8786981	-1.13805	0.127611	0.724532	-1.3802	0.301033	0.810907	-1.23319	0.70338	1.65441	0.538602	1
cg27300957	ANKDD1A	0.0860141	0.374851	1.44367	1.44367	0.2172554	0.805705	1.16905	0.0153004	0.714205	-1.40007	0.0820323	0.76025	1.315789	0.0820323	0.76025	-1.31579	0.1412122	0.195122	0.0158042	0.2163242	0.4248167	-2.35407	0.0011468	0.2306083	-4.3359	0.0016503	0.1886128	-5.30202	0.1886128	-5.30202	0.1886128	-5.30202	2.70344	1.85244	2.72828	0.76507	2.21064	1
cg22083684	EPHB4	0.086016	0.647028	0.733198	-1.36389	0.392064	1.80442	1.80442	0.316916	2.0066	2.0066	0.0851086	0.60195	0.60195	0.0380385	0.483366	-2.0603	0.561676	0.673683	-1.48438	0.539842	0.65185	-1.5346	0.00428155	0.13096	0.13096	0.0013208	0.08716	1.08716	2.70335	19.5938	6.37892	1
cg16550500	TRIM9;TRIM9	0.0860165	0.932953	1.04497	-1.04497	0.2484411	0.914046	1.09381	0.0777423	0.814557	-1.22783	0.0611464	0.743657	1.34457	0.0611464	0.743657	-1.34457	0.1124577	0.654211	1.52851	0.0207842	0.1755496	0.1755496	0.0267359	0.26078	-3.83501	0.0263907	0.1779292	-5.62107	0.1779292	-5.62107	0.1779292	-5.62107	2.70335	1.85244	2.72828	0.76507	2.21064	1
cg15166296	MYF6	0.0860173	0.120826	0.396668	-2.521	0.530525	0.705245	-1.41795	0.0103817	0.169645	-5.89465	0.102926	0.396783	-2.52027	0.0599478	0.314155	-3.21074	0.150178	0.428363	-2.33447	0.0404294	0.272267	-3.67287	0.444994	1.53411	1.53411	0.199365	0.474602	-2.10703	2.70333	0.31063	4.25283	1
cg06487334	NOX3	0.0860201	0.549528	1.26449	1.26449	0.00546263	0.228057	-4.38448	0.126881	0.523861	-1.9089	0.888532	0.947189	-1.05576	0.955823	0.978798	-1.02166	0.287757	1.53638	1.53638	0.134158	1.8506	1.8506	0.838296	1.08227	1.08227	0.590334	1.23435	1.23435	2.91713	0.676828	1.80459	1
cg27595580	NAA18	0.0860213	0.0567779	0.246441	-4.05777	0.60018	0.70924	-1.40996	0.0455228	0.225427	-4.43602	0.0542529	0.241958	-4.13295	0.0142274	0.14023	-7.13115	2.204	0.433019	-2.30937	0.312095	0.506978	-1.97247	0.995943	0.996459	-1.00355	0.0295407	0.189271	-5.28344	2.70328	18.2477	5.94083	1
cg13652445	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;2NF415;2NF415;2NF415;2NF415;2NF41	0.086023	0.0251044	0.491277	-2.03551	0.0523198	1.80171	1.80171	0.193709	1.4432	1.4432	0.395516	0.79284	-1.26129	0.785014	0.929652	-1.07567	0.0395681	0.529926	-1.88706	0.926788	0.975781	-1.02482	0.893786	0.964991	-1.03628	0.4391	1.23432	1.23432	2.70326	3.07732	1.00188	1
cg15202738	5.2NF415;2NF415	0.0860232	0.282622	0.592545	-1.68764	0.0104016	4.5375	4.5375	0.0276414	0.38915	3.38915	0.337362	1.58983	1.58983	0.479124	0.713733	-1.40108	0.460399	0.703079	-1.42232	0.494149	1.38466	1.38466	0.951723	0.972019	-1.02879	0.4148414	0.676572	-1.47804	2.70326	9.50078	3.09317	1
cg20797270	TRIM31	0.0860267	0.210681	0.507537	-1.9703	0.0232752	0.43254	0.43254	0.296319	3.36255	3.14225	0.119126	0.419076	-2.3862	0.122947	0.424939	-2.36161	0.407858	0.64704	-1.54546	0.22238	0.517167	-1.93361	0.120004	2.38047	2.38047	0.372016	1.60206	1.60206	2.70321	11.4329	3.72227	1
cg23278066	C1orf73;C1orf73;C1orf73;C1orf73	0.0860293	0.0128547	0.575693	-1.73704	0.477063	1.13794	1.13794	0.063974	0.689269	-1.45081	0.520023	0.889977	-1.12362	0.605857	1.0975	1.0975	0.129592	0.74625	-1.34003	0.213279	0.7911552	-1.26398	0.117648	1.35491	1.35491	0.765541	1.05491	1.05491	2.70317	1.38143	0.449766	1
cg26942730	QSOX2	0.0860298	0.116293	0.756723	-1.32147	0.2145186	1.18885	1.18885	0.0112667	0.840372	-1.20194	0.921365	1.01322	1.01322	0.896266	0.990854	-1.01252	0.333147	0.875679	-1.14197	0.0350904	0.731192	-1.40215	0.0221422	0.694223	-1.44044	0.0423306	0.732634	-1.36494	2.70316	0.765326	0.249176	1
cg18404639	PHF15	0.0860304	0.0640887	0.566597	-1.76492	0.587753	0.861194	0.5118	0.257905	1.38033	1.38033	0.0153837	0.944774	0.38033	0.2152838	0.617868	0.86958	0.139896	0.648136	-1.54289	0.0235913	0.888238	0.962337	-1.03914	0.656969	1.12979	1.12979	2.70311	3.23308	0.94099	1
cg12940669	HTT	0.0860365	0.669371	0.948714	-1.05406	0.00974309	1.49284	1.49284	0.41493	1.10753	1.10753	0.172917	1.19454	1.19454	0.994362	0.999134	-1.00087	0.1432	1.21267	1.21267	0.0474288	1.32043	1.32043	0.204048	0.848499	-1.17855	0.532642	0.925463	-1.08054	2.70308	0.649525	0.211479	1
cg22797968	MAT2B;MAT83	0.0860371	0.08361	0.793473	-1.26035	0.0744006	0.76256	-1.31152	0.2857561	0.736157	-1.35817	0.2611417	0.914419	0.914419	0.8868848	-1.14673	0.0152485	0.1237662	1.4175	1.4175	0.0017905	3.39974	3.39974	0.0023948	3.68047	3.68047	0.0030414	1.08335	1.08335	2.70307	1.80403	0.616679	1
cg08974244	SP6	0.0860417	0.414734	1.48374	1.48374	0.272436	1.71708	1.71708	0.435185	0.686046	-1.45763	0.874789	0.928084	-1.07749	0.190622	0.518973	-1.92688	0.489982	0.715753	-1.39359	0.513105	0.730587	-1.36876	0.00374936	0.37257	0.37257	0.538001	1.34248	1.34248	2.70301	0.6846	3.1533	1
cg18783633	NANS	0.0860463	0.0931359	1.24259	1.24259	0.0585001	1.2702	1.2702	0.0990991	1.015512	1.01552	0.0862853	1.22621	1.22621	0.373446	1.10728	1.10728	0.828586	1.0456	1.0456	0.724955	0.9736679	0.800025	-1.24996	0.1373844	0.850535	-1.17573	0.0714835	1.23259	1.23259	2.70295	0.64198	0.152621	1
cg19639187	RTN4RL1	0.0860478	0.737799	0.932506	-1.07238	0.2549409	1.28451	1.28451	0.0422842	0.76151	-1.31353	0.271175	1.26004	1.26004	0.170832	0.738366	-1.35434	0.650422	1.09953	1.09953	0.3615539	0.755396	-1.80572	0.1745767	1.07	1.07	0.7444436	1.0704	1.0704	2.72993	1.87031	0.608891	1
cg25219756	CTBS	0.086048	0.075311	2.576549	-3.88057	0.092664	3.48277	3.48277	0.017047	7.55087	7.55087	0.0157641	0.932724	-1.07213	7	7	7	0.782235	0.829730	-1.2052	0.564288	1.48154	1.48154	0.133923	0.332455	-3.00792	0.758373	1.23601	1.23601	2.94804	18.4211	5.46753	1
cg07218516	FAM134C;TUBG1;FAM134C;TUBG1	0.0860486	0.0160961	0.443107	-2.25647	0.0135414	0.76514	0.76514	0.0468958	2.14885	2.14885	0.271877	0.874474	-1.14384	0.0162354	0.57321	-1.74457	0.674319	1.39123	1.39123	0.874242	0.933702	-1.07101	0.695578	1.18779	1.18779	0.687994	0.839507	-1.19137	2.70295	2.08407	0.714202	1
cg23612222	CCT3;CCT3;CCT3	0.0860512	0.37395	0.815522	-1.22621	0.539216	0.870312	-1.14901	0.0458856	0.599699	-1.6675	0.795685	0.943668	-1.0597	0.00504165	0.436595	-2.29045	0.782289	0.817107	-1.22383	0.938849	0.983002	-1.01729	0.515006	0.862847	-1.15895	0.022624	0.543394	-1.84028	2.72988	2.15864	0.702883	1
cg18169385	PRICKLE1;PRICKLE1	0.0860519	0.271645	0.852789	-1.17262	0.642235	1.06727	1.06727	0.129406	1.25609	1.25609	0.0179275	0.670118	-1.49228	0.0849556	0.767149	-1.30353	0.131447	1.25433	1.25433	0.502291	1.09938	1.09938	0.477222	0.904323	-1.1058	0.311494	1.56586	1.56586	2.72988	0.837225	0.272613	1
cg26187802	TBCE;TBCE	0.0860541	0.431681	0.734651	-1.36119	0.410048	1.38225	1.38225	0.0836724	0.479223	-2.08671	0.779964	0.897977	-1.11361	0.00996316	0.286351	-3.49222	0.542914	0.789281	-1.26698	0.140748	1.83822	1.83822	0.131468	1.86940	1.86949	0.936096	0.969658	-1.03129	2.72985	6.38316	2.07848	1
cg09157668	KIAA1239	0.0860542	0.0953662	0.582055	-1.71824	0.153252	1.31431	1.31431	0.0481551	0.760889	-1.31441	0.0850356	0.682802	-1.46465	0.0165875	0.605105	-1.65231	0.1438455	0.703788	-1.42079	0.0464115	0.9555363	1.04643	1.04643	0.1933174	0.847844	0.8607997	0.8715155	1.14743	2.72982	2.56402	0.64205	1
cg14156140	ZC3H11A	0.0860562	0.12833	1.30726	1.30726	0.114068	1.32337	1.32337	0.900557	0.97983	-1.02059	0.612604	1.08679	1.08679	0.333868	1.149745	1.149745	0.0337768	1.49786	1.49786	0.00798292	1.74058	1.74058	0.6925	1.06693	1.06693	0.58552	1.09391	1.09391	2.72982	1.14861	0.374012	1
cg18360347	VWA3B	0.0860569	0.227663	0.753278	-1.32753	0.00332624	2.44546	2.44546	0.515417	1.15899	1.15899	0.482715	0.852478	-1.17305	0.351633	0.806982	-1.23918	0.8205	1.05216	1.05216	0.369192	1.22916	1.22916	0.262459	1.29875	1.29875	0.703299	1.08938	1.08938	2.72981	2.16396	0.704636	1
cg07339907	NAPEPLD;NAPEPLD;NAPEPLD;NAPEPLD	0.0860574	0.856533	0.97607	-1.02452	0.0306135	1.4045	1.4049	0.137566	1.23866	1.23866	0.234389	0.846344	-1.18155	0.136623	1.23939	1.23939	0.766354	0.960903	-1.04069	0.171274	0.822872	-1.21526	0.128324	1.24609	1.24609	0.050008	1.34867	1.34867	2.7298	0.774425	0.252171	1
cg24954809	PAX2;PAX2;PAX2;PAX2;PAX2	0.0860578	0.123384	1.84444	1.84444	0.1347377	0.565369	-1.76876	0.0719154	0.745456	-1.34198	0.10788	0.788436	0.788436	0.0248335	0.268426	-3.72594	0.1441138	1.20328	1.20328	0.0456502	0.2124	0.2124	0.0258082	0.4311	0.4311	0.0258082	1.64225	0.0657116	2.13306	2.13306	2.7288	5.8172	1.894422	1
cg21188454	TBC1D13	0.0860581	0.935445	0.976439	-1.02413	0.0289508	0.468643	-2.13382	0.00970848	0.38178	-2.61931	0.0388829	0.49469	-2.02147	0.154116	0.638234	-1.56682	0.69507	1.12294	1.12294	0.116175	0.6049999	-1.65289	0.30438	0.744066	-1.34397	0.53801	0.832675	-1.20095	2.72979	3.74543	1.2196	1
cg14274435	SEC24B;SEC24B	0.0860586	0.00379956	0.563463	-1.77463	0.432348	1.31626	1.31626	0.0424999	0.78078	1.08078	0.0561018	0.78078	1.280778	0.0561018	0.745802	-1.34156	0.442383	0.877641	-1.1394	0.32214	0.9496526	-1.17699	0.0178102	0.994027	0.238086	0.821181	-1.21776	2.72979	1.0988	0.557797	1
cg19577718	PXDN	0.0860606	0.63493	0.881404	-1.13455	0.1488598	0.664371	-1.50518	0.833701	1.05706	1.05706	0.85251	0.952066	-1.05035	0.315742	0.760503	1.31492	0.387028	1.26367	1.26367	0.0216849	0.483128	-2.06985	0.0555145	1.77314	1.77314	0.075147	1.68709	1.68709	2.72976	3.01159	0.980662	1
cg21251203	NFIB	0.0860661	0.0397899	0.315465	-3.16992	0.615307	0.781976	-1.27881	0.612234	0.780276	-1.2816	0.371174	0.640377	-1.56158	0.0837249	0.39494	-2.53203	0.0915641	0.405854	-2.46394	0.0139482	0.229009	-4.36664	0.66062	1.23918	1.23918	0.0248721	0.273621	-3.65468	2.72975	10.1854	3.31668	1
cg25837232	MARK4	0.0860638	0.701008	1.08832	1.08832	0.3124535	1.92262	1.92262	0.661584	1.58708	1.58708	0.105188	1.37926	1.37926	0.777771	1.20613	1.20613	0.072955	1.55065	1.55065	0.407198	1.820283	1.820283	0.281974	1.26974	1.26974	0.361779	1.22831	1.22831	2.72972	2.5806	0.677448	1
cg11557938	PIR24	0.0860642	0.235465	1.89397	1.89397	0.828716	2.11772	2.11772	0.0053703	0.57369	0.57369	0.688641	0.930562	-1.07462	0.160046	2.16201	2.16201	0.307311	1.72089	1.72089	7	7	7	0.15369	0.456303	-2.19153	0.418902	1.52846	1.52846	2.72623	10.2603	3.71449	1
cg20465064	R

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 117 vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T 477 vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg18624227	SLC39A4;SLC39A4		0.0861427		0.354656	0.618822	-1.61807	0.40465	0.302847	-3.302	-3.34564	0.612101	-1.63372	0.301799	0.585158	-1.70894	0.03131148	0.283941	-3.52185																
cg04346701	RTN1;RTN1;RTN1		0.0861433		0.0828986	0.292339	-3.4208	0.633473	0.735145	-1.36028	0.9328361	3.26229	3.26229	0.68381	1.29987	1.29987	0.28231	0.444918	-2.2476																
cg12251895	KLF7		0.0861434		0.6028831	1.29955	1.29955	0.136589	2.226842	2.226842	0.292489	1.72493	1.72493	0.186294	2.012563	2.012563	0.541781	1.36113	1.36113																
cg12475507	TP73;WDR8		0.0861460		0.0679803	3.46507	3.46507	0.342729	0.55165	-1.81172	0.9593028	1.00533	1.00533	0.0668177	1.48778	1.48778	0.500836	1.660073	-1.51498																
cg04127539	C1orf124;C1orf124;EXOC8		0.0861467		0.713628	0.919561	-1.08748	0.287849	0.777978	-1.28538	0.00732914	2.91569	2.91569	0.535051	1.15364	1.15364	0.959219	0.765393	-1.30652																
cg12537334	TLE3;TLE3;TLE3		0.0861472		0.748217	1.15885	1.15885	0.00300966	0.155351	-6.43704	0.12438	0.466896	-2.1418	0.351525	0.550101	0.450588	0.703352	1.42176																
cg16651428	LRCH4;FBXO24 PRR5;PRR5;PRR5;PRR5		0.0861472		0.763293	1.04949	1.04949	0.0481621	0.696848	-1.43503	0.0299738	0.664731	-1.50437	0.0572675	0.708937	-1.41056	0.182497	0.797497	-1.25392																
cg06706550	ARHGAP8;PRR5;PRR5		0.0861478		0.0603223	0.425537	-2.34997	0.194722	0.575092	-1.73885	0.124648	0.511463	-1.95518	0.335158	0.669751	-1.49309	0.0449765	0.395368	-2.52929																
cg15896096	MAD1L1;MAD1L1;MAD1L1		0.086148		0.915673	1.06364	1.06364	0.697912	1.25507	1.25507	0.0199704	0.194798	-5.13353	0.118606	0.372758	-2.6827	0.930478	0.950443	-1.05214																
cg18074611	PALLD;PALLD;PALLD;PALLD		0.0861485		0.0190603	1.93406	1.93406	-2.76006	0.124551	1.7251	1.7251	0.0135464	2.835667	-1.19665	0.283953	1.61902	0.43103	0.75079	-1.33193																
cg08135040	TULP3;TULP3		0.0861493		0.0928532	1.94334	1.94334	0.129736	1.80065	1.80065	0.8083	1.09127	1.09127	0.281692	1.49482	1.49482	0.207972	0.367925	-2.71795																
cg02091918	ATG7;ATG7;ATG7		0.0861514		0.557064	1.040232	-1.46424	0.0038379	0.0181619	-12.3208	0.120457	0.337802	-2.96031	0.548102	1.47937	1.47937	0.496277	0.641466	-1.55955																
cg02764416	EHMT2;EHMT2		0.0861529		0.771013	0.813588	-1.22912	0.7535303	0.800365	-1.24943	0.0110296	0.104997	-9.52411	0.829896	1.56426	1.56426	0.00674145	0.0834825	-11.9786																
cg01365062	RSPO3		0.0861561		0.102584	1.52153	1.52153	0.118672	1.48884	1.48884	0.221624	1.35237	1.35237	0.175101	1.08414	1.08414	0.113123	0.671199	-1.48987																
cg00955686	MAP7D1		0.0861562		0.037755	1.674751	-1.48203	0.0239306	0.641468	-1.55841	0.0942545	0.740536	-1.35037	0.275752	0.810206	-1.20516	0.0384546	0.664894	-1.49494																
cg10982460	RASA3		0.0861567		0.654194	0.937776	-1.06635	0.00181943	1.88043	1.88043	0.319244	1.15797	1.15797	0.721173	0.95022	-1.05239	0.74875	0.955245	-1.04685																
cg06444452	STBD1;STBD1		0.0861692		0.0756949	0.727935	-1.37394	0.855838	0.971136	-1.02972	0.0304011	0.663852	-1.50636	0.920767	0.984104	-1.01615	0.0552348	0.704662	-1.41912																
cg14981055	ZNF444		0.0861693		0.102098	2.512152	2.512152	0.00565971	4.60018	4.60018	0.0874972	2.20997	2.20997	0.382463	1.45719	1.45719	0.642868	0.821772	-1.21688																
cg21652192	GABBR1;GABBR1;GABBR1		0.0861709		0.404123	0.762645	-1.31123	0.278026	0.699044	-1.43053	0.756798	1.10362	1.10362	0.143834	1.64618	1.64618	0.0063239	0.323501	-3.09118																
cg09826587	PRDM2		0.0861727		0.94476	0.943646	-1.06008	0.583771	1.50968	1.50968	0.16961	1	1	0.1378	0.478527	0.478527	0.0208828	0.279333	-2.60577																
cg21751540	ZNF738		0.0861742		0.431371	1.13997	1.13997	0.0186068	1.59267	1.59267	0.443385	1.13596	1.13596	0.61497	1.08641	1.08641	0.391873	1.15865	1.15865																
cg25606624	ISM1 PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839		0.0861747		0.0537486	0.731523	-1.36701	0.86816	1.024	1.024	0.0444574	0.71932	-1.3902	0.189566	0.820083	-1.21939	0.0506989	0.727745	-1.37411																
cg01577475	9		0.0861798		0.074767	11.4271	11.4271	0.621559	1.84187	1.84187	0.250395	0.43672	-2.29572	0.374148	0.704546	0.704546	0.19589	0.19589																
cg19745721	ALKBH4		0.0861825		0.9635217	1.04078	1.04078	0.714411	0.51461	-1.94307	0.0442608	0.644568	-1.55054	0.0942545	0.821772	-1.21688	0.0517006	0.569296	-1.75671																
cg22865058	CDKN1C;CDKN1C;CDKN1C		0.0861832		0.0049070	0.444017	-2.25217	0.0212982	0.547256	-1.8273	0.591387	0.888663	-1.12529	0.282873	1.27513	1.27513	0.41592	0.834343	-1.19855																
cg03798814	RNF219		0.0861854		0.220027	0.699171	-1.42993	0.3600924	1.0501	1.0501	0.0605093	2.27678	2.27678	0.479148	0.8933918	-1.12353	0.5973392	0.7859	-1.27247																
cg16343302	ANKRD33B		0.0861884		0.218318	2.2201	2.2201	0.6094667	1.49294	1.49294	0.239554	2.13522	2.13522	0.157804	2.53508	2.53508	0.857886	1.11674	1.11674																
cg15754776	CUGBP1;CUGBP1;CUGBP1		0.0861888		0.422774	0.676757	-1.47763	0.0301779	0.296551	-3.3721	0.731326	0.848439	-1.17863	0.682388	0.821852	-1.21676	0.0032089	0.467769	-4.81343																
cg07598331	DMRTB1		0.0861894		0.0598204	1.580206	1.580206	0.0153924	1.13147	1.1347	0.360993	1.23173	1.23173	0.0611391	1.59733	1.59733	0.0205455	0.625962	-1.59746																
cg14265254	PEMT		0.0861957		0.559295	0.884782	-1.13022	0.246902	0.778006	-1.28534	0.0921878	0.14685	-7.46857	0.814855	0.952532	-1.04983	0.0003085	0.431846	-3.31564																
cg06093712	NKX3-2		0.0861957		0.133153	0.880284	-1.13595	0.3206328	0.836319	-1.19562	0.0156553	0.397352	-2.51655	0.0274705	0.716459	-1.39592	0.126069	0.425221	-2.35152																
cg02467024	FOXJ2		0.0861971		0.313579	0.557395	-1.79406	0.0564384	1.3575	1.3575	0.0597541	3.29136	3.29136	0.991283	0.993892	-1.00615	0.06057517	0.305269	3.2758																
cg25588697	DHCR7;DHC90 ELMOD3;ELMOD3;ELMOD3;ELMOD3;RETSAT;EL		0.0861972		0.203297	0.801154	-1.2482	0.0311623	1.51821	1.51821	0.0923643	0.736524	-1.35773	0.104048	1.32818	1.32818	0.826146	0.964335	-1.03698																
cg13145437	MOD3		0.0861979		0.941729	0.984016	-1.01624	0.103042	1.48559	1.48559	0.00815448	2.1093	2.1093	0.865182	1.03816	1.03816	0.793014	0.943685	-1.05968																
cg19630838	HIST1H1E		0.086		0.51486	1.37615	1.37615	0.0795568	0.92534	1.4214	0.0228251	0.57421	0.57421	0.165351	0.78922	0.78922	7	0.0337	-29.6667																
cg13553997	GUCA1B		0.0862009		0.812806	1.37806	0.576353	-1.23771	1.23771	-1.23771	0.106474	0.54115	-1.94496	0.572882	0.80756	-1.2383	0.172604	0.580139	-1.72373																
cg05624376	DHRS9;DHRS9;DHRS9;DHRS9		0.0862011		0.314978	0.502601	-1.98965	0.0450406	0.218103	-4.58498	0.0152461	0.139047	-7.1918	0.0809037	0.277626	-3.60197	0.0927453	0.293831	-3.40332																
cg13242192	BEND7;BEND7		0.0862016		0.592269	0.855402	-1.16915	0.4429707	0.79988	-1.25031	0.0939913	1.00933	1.00933	0.913043	0.867577	-1.15315	0.2442	0.701527	-1.42557																
cg20802165	CAMTA2;CAMTA2;CAMTA2;CAMTA2;S NORG2;NORG2;NORG2;NORG2;NORG2;		0.0862035		0.0501053	0.764685	-1.33872	0.0321783	0.720606	-1.38772	0.269485	0.860559	-1.16204	0.0950623	0.78699	-1.27096	0.812196	1.03157	1.03157																
cg14030159	NORG2;NORG2;NORG2		0.0862062		0.587874	1.08214	1.08214	0.0360422	0.703424	-1.42162	0.175471	1.23103	1.23103	0.49978	1.10388	1.10388	0.1601	0.805311	-1.24176																
cg25387850	ZSWIM1		0.0862068		0.6648963	0.768366	-1.30146	0.0823005	0.782983	-1.27717	0.0157136	0.6864	-1.45668	0.220538	0.848988	-1.17787	0.575123	0.930548	-1.07464																
cg01584389	BTNL2		0.0862083		0.5255856	0.75855	-1.31826	-2.6696	0.134267	1.33335	0.0194644	0.859966	-1.16292	0.279552	0.729452	1.37131	0.0760068	0.728075	-1.37302																
cg08981532	PGP		0.0862085		0.0119229	2.06239	2.06239	0.187589	0.724577	-1.38011	0.676195	1.10175	1.10175	0.59541	1.1316	1.1316	0.877174	1.03632	1.03632																
cg29322920	PSMB9;PSMB9;TAP1		0.0862435		0.84942	1.08248	1.08248	0.308745	0.911911	-1.48828	0.0934758	0.362774	-2.75654	0.260007	0.715813	-1.39723	0.111591	1.1191	1.1191																
cg05673937	NPFFR1		0.0862448		0.148216	1.65061	1.65069	0.355259	1.35974	1.35974	0.693351	0.879798	-1.13662	0.165394	1.61302	1.61302	0.142484	1.66436	1.66436																
cg16763104	INO80D;INO80D		0.0862449		0.408408	1.0795	1.0795	0.536923	0.932775	-1.07207	0.230416	0.869324	-1.15032	0.275925	1.13445	1.13445	0.579533	1.06427	1.06427																
cg12999291	CCHCR1;CCHCR1;CCHCR1		0.0862464		0.0979639	0.835404	-1.19704	0.0189264	0.124874	-8.00831	0.0180021	0.159021	-6.2855	0.158612	0.495644	2.01809	0.0255574	0.376913	-2.65325																
cg11726363	C19orf28;C19orf28;C19orf28 NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;		0.0862355		0.0501053	0.764685	-1.33872	0.0321783	0.720606	-1.38772	0.269485	0.860559	-1.16204	0.0950623	0.78699	-1.27096	0.812196	1.03157	1.03157																
cg14030159	NDRG2;NDRG2;NDRG2		0.0862362		0.587874	1.08214	1.08214	0.0360422	0.703424	-1.42162	0.175471	1.23103	1.23103	0.49978	1.10388	1.10388	0.1601	0.805311	-1.24176																
cg25387850	ZSWIM1		0.0862368		0.6648963	0.768366	-1.30146	0.0823005	0.782983	-1.27717	0.0157136	0.6864	-1.45668	0.220538	0.848988	-1.17787	0.575123	0.930548	-1.07464																
cg01584389	BTNL2		0.0862383		0.5255856	0.75855	-1.31826	-2.6696	0.134267	1.33335	0.0194644	0.859966	-1.16292	0.279552	0.729452	1.37131	0.0760068	0.728075	-1.37302																
cg08981532	PGP		0.0862385		0.0119229	2.06239	2.06239	0.187589	0.724577	-1.38011	0.676195	1.10175	1.10175	0.59541	1.1316	1.1316	0.877174	1.03632	1.03632																
cg29322920	PSMB9;PSMB9;TAP1		0.0862435		0.84942	1.08248	1.08248	0.308745	0.911911	-1.48828	0.0934758	0.362774	-2.75654	0.260007	0.715813	-1.39723	0.111591	1.1191	1.1191																
cg05673937	NPFFR1		0.0862448		0.148216	1.65061	1.65069	0.355259	1.35974	1.35974	0.693351	0.879798	-1.13662	0.165394	1.61302	1.61302	0.142484	1.66436	1.66436																
cg16763104	INO80D;INO80D		0.0862449		0.408408	1.0795	1.0795	0.536923	0.932775	-1.07207	0.230416	0.869324	-1.15032	0.275925	1.13445	1.13445	0.579533	1.06427	1.06427																
cg12999291	CCHCR1;CCHCR1;CCHCR1		0.0862464		0.0979639	0.835404	-1.19704	0.0189264	0.124874	-8.00831	0.0180021	0.159021	-6.2855	0.158612	0.495644	2.01809	0.0255574	0.376913	-2.65325																
cg11726363	C19orf28;C19orf28;C19orf28 NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;		0.0862355		0.0501053	0.764685	-1.33872	0.0321783	0.720606	-1.38772	0.269485	0.860559	-1.16204	0.0950623	0.78699	-1.27096	0.812196	1.03157	1.03157																
cg14030159	NDRG2;NDRG2;NDRG2		0.0862362		0.587874	1.08214	1.08214	0.0360422	0.703424	-1.42162	0.175471	1.23103	1.23103	0.49978	1.10388	1.10388	0.1601	0.805311	-1.24176																
cg25387850	ZSWIM1		0.0862368		0.6648963	0.768366	-1.30146	0.0823005	0.782983	-1.27717	0.0157136	0.6864	-1.45668	0.220538	0.848988	-1.17787	0.575123	0.930548	-1.07464																
cg01584389	BTNL2		0.0862383		0.5255856	0.75855	-1.31826	-2.6696	0.134267	1.33335	0.0194644	0.859966	-1.16292	0.279552	0.729452	1.37131	0.0760068	0.728075	-1.37302																
cg08981532	PGP		0.0862385		0.0119229	2.06239	2.06239	0.187589	0.724577	-1.38011	0.676195	1.10175	1.10175	0.59541	1.1316	1.1316	0.877174	1.03632	1.03632																
cg29322920	PSMB9;PSMB9;TAP1		0.0862435		0.84942	1.08248	1.08248	0.308745	0.911911	-1.48828	0.0934758	0.362774	-2.75654	0.260007	0.715813	-1.39723	0.111591	1.1191	1.1191																
cg05673937	NPFFR1		0.0862448		0.148216	1.65061	1.65069	0.355259	1.35974	1.35974	0.693351	0.879798	-1.13662	0.165394	1.61302	1.61302	0.142484	1.66436	1.66436																
cg16763104	INO80D;INO80D		0.0862449		0.408408	1.0795	1.0795	0.536923	0.932775	-1.07207	0.230416	0.869324	-1.15032	0.275925	1.13445	1.13445	0.579533	1.06427	1.06427																
cg12999291	CCHCR1;CCHCR1;CCHCR1		0.0862464		0.0979639	0.835404	-1.19704	0.0189264	0.124874	-8.00831	0.0180021	0.159021	-6.2855	0.158612	0.495644	2.01809	0.0255574	0.376913	-2.65325																
cg18685879	ACPL2;ACPL2 NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;N RG1;NRG1;NRG1;NRG1;NRG1;NRG1;NR		0.0862471		0.346053	0.510553	-1.95866	0.363687	0.523767	-1.90924	0.129158	0.321122	-3.11409	0.314375	0.486369	-2.05605	0.221546	0.410594	-2.4355																
cg14597598	G1;NRG1;NRG1;NRG1		0.0862479		0.257971	0.733167	-1.36394	0.752689	1.08667	1.08667	0.222284	0.713719	-1.40111	0.545489	0.851398	-1.17454	0.0072353	0.402035	-2.48741																
cg03199955	OIC;OIC;OIC;OIC;OIC;OIC		0.0862481		0.12146	1.58121	1.58121	-1.72059	0.0842963	0.54599	-2.18453	-1.84935	0.0910206	1.3553	1.3553	0.342941	1.66339	0.421093	1.30422	1.30422																
cg23493800	TRPM5		0.0862483		0.957729	0.988418	-1.01172	0.0347226	0.58215	-1.71777	0.0061707	0.456086	-2.19257	0.51852	0.866014	-1.15472	0.113883	0.685211	-1.45941																
cg16532199	DNAJ11		0.0862488		0.146684	1.37148	1.37148	0.0855249	0.385121	1.66908	0.0139158	0.850867	-1.17649	0.0468088	0.850867	-1.17649	0.0468088	0.850867	-1.17649																
cg21594558	ZBTB5 TMEM135;TMEM135;TMEM135;TMEM135;TMEM		0.0862512		0.0915779	0.859556	-1.16285	0.548562	0.951896	-1.05054	0.0125618	0.28672	-3.49395	1.02637	1.26274	1.02637	0.160414	0.885339	-1.12951																
cg07842841	135;TMEM135		0.0862513		0.179037	0.787843	-1.26929	0.866094	1.02859	1.02859	0.58936	0.912988	-1.0953	0.487275	0.888786	-1.12513	0.524292	1.11382	1.11382																
cg22827524	FAM177B		0.0862516		0.0205203	0.668782	-1.49526	0.2536661	0.727705	-1.37439	0.0449947	0.717785	-1.39318	0.929985	0.987414	-1.01275	0.0760742	0.753731	-1.32673																
cg02382213	SRRM3		0.0862521		0.194289	1.47124	1.47124	-2.25696	0.134267	1.33335	0.0194644	0.859966	-1.16292	0.279552	0.729452	1.37131	0.0760068	0.728075	-1.37302																
cg02152233	QPRD1		0.0862521		0.461098	1.5525	1.5525	0.0668078	0.33556	1.33556	0.53097	0.689324	-1.4507	0.559958	0.707841	-1.41275	0.428371	0.622521	-1.60637																
cg20196960	CD2AP		0.0862524		0.0656409	0.757454	-1.74992	0.0538189	0.503089	1.50389	0.115825	1.58324	1.58324	0.412736	2.62328	2.62328	0.0178356	0.614669	-1.62681																
cg05074631	DZIP1;DZIP1		0.0862535		0.0506439	0.22654	-4.41424	0.198137	0.463584	2.15171	0.187822	1.73871	1.15275	0.15271	0.728784	1.5184	0.0818273	0.715275	-1.39784																
cg05103241	PRMT7		0.0862534		0.157704	0.445384	-2.24525	0.550307	1.38204	1.38204	0.391405	0.624965	-1.60009	0.515031	0.702362	-1.42397	0.0591216	0.319521	-3.12969																
cg13445440	ADK;ADK		0.0862537		0.0135455	0.757454	-1.74992	0.0538189	0.503089	1.50389	0.115825	1.58324	1.58324	0.412736	2.62328	2.62328	0.0178356	0.614669	-1.62681																
cg15696530	KCTD6;KCTD6		0.0862548		0.586302	0.801134	-1.12217	0.308642	0.801705	-1.24734	0.0561277	0.635241	-1.57421	0.591586	0.892609	-1.12031	0.0129356	0.523542	-1.91007																
cg11237495	CTDSPL;CTDSPL		0.0862559		0.186347	0.828849	-1.20649	0.199076	0.833752	-1.1994	0.751312	0.958294	-1.04352	0.880128	1.02041	1.02041	0.0946579	0.781816	-1.27907																
cg20135038	TNNC1B		0.0862561		0.762145	1.28264	1.28264	0.0139172	0.54738	0.54738	0.0572797	0.31551	-3.17015	0.78511	0.860912	-1.16173	0.0129741	0.720441	-1.38793																
cg10525216	ZNF444		0.0862997		0.991974	1.00227	1.00227	0.732125	1.56824	1.56824	0.480944	0.850998	-1.17508	0.981004	1.00904	1.00904	0.158968	1.12725	1.12725																
cg15594550	ZNF696		0.0863003		0.0200447	0.443705	-2.25403	0.184301	0.638452	1.56453	0.0791613	0.24652	-4.05645	0.0631683	0.731578	1.36234	0.0278244	0.424668	-2.40068																
cg16731157	RCAN3		0.0863034		0.238387	0.623267	-1.60445	0.120157	1.9068	1.9068	0.129462	0.534102	-1.8723	0.77841	1.11405	1.11405	0.0149226	0.31789	-3.14574																
cg06599543	PDE10A;PDE10A		0.0863055		0.538852	1.16055	1.16055	0.0679805	0.432044	-2.31458	0.189327	0.716972	-1.39475	0.146756	1.45162	1.45162	0.392249	1.23335	1.23335																
cg00817598	WNT3		0.0863055		0.24421	1.40309	1.40309	0.0288013	2.32631	2.32631	0.265021	0.833652	-1.20003	0.0791613	0.24652	-4.05645	0.0631683	0.731578	-1.36234																
cg05833158	PRRT3		0.0863056		0.16378	0.727983	-1.37366	0.556103	0.880559	-1.13564	0.0214362	1.80477	1.80477	0.967573	0.991352	-1.00872	0.180319	1.35514	1.35514																
cg18670092	HAUS2;LRRC57;HAUS2		0.0863064		0.1744	0.783137	-1.27668	0.0139172	0.54738	0.54738	0.0572797	0.31551	-3.17015	0.78511	0.860912	-1.16173	0.0129741	0.720441	-1.38793																
cg19768036	ATAD3A;ATAD3A;ATAD3A		0.0863072		0.0985172	0.681293	-1.4678	0.0298753	0.582006	-1.7182	0.118755	0.698597	-1.43144	0.438167	0.845771	-1.18235	0.0062701	0.470329	-2.12617																
cg16548295	DCTPP1		0.086308		0.519739	1.515565	1.515565	0.59517	0.780962	-1.26588	0.0919963	0.631318	-1.61031	0.00767068	0.46848	-2.13456	0.0246168	0.553968	-1.8061																
cg02737590	DNAC1		0.086321		0.147822	1.3226	1.3226	0.0866008	0.754571	-1.32515	0.0519945	0.157452	-6.35136	0.0118183	0.495336	2.01809	0.0255574	0.376913	-2.65325																
cg14543676	GPR39		0.08631		0.831375	0.963422	-1.03797	0.3126699	1.55517	1.55517	0.927972	0.984324	-1.01593	0.892217	1.02441	1.02443	0.788156	1.04819	1.04819																
cg15167893	EDA;EDA;EDA;EDA;EDA;EDA;EDA		0.0863097		0.1963007	0.59539	0.59539	0.0040708	0.156768	-1.5549	0.0669911	0.172456	-5.80124	0.0119906	0.141192	-7.0844	0.0076317	0.79037	-1.26533																
cg01422467	NHEDC2		0.0863103		0.0843625	0.21563	-4.63758	0.55154	0.616265	-1.62268	0.680656	1.39451	1.39451	0.602749	0.655778	-1.52491	0.0387861	0.146204	-6.83974																
cg06061645	COMT		0.0863117		0.499885	1.10766	1.10766	0.4792	1.11338	1.11338	0.0879638	1.32463	1.32463	0.906902	1.01762	1.01762	0.0902876	1.39542	1.39542																
cg24503449	PIK3R2		0.0863135		0.15093	1.76497	1.76497	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05528131	FAM8A1	0.0863531	0.773555	1.0736	1.0736	0.166463	0.695453	-1.43791	0.0362292	0.549094	-1.82118	0.356594	1.26291	1.26291	0.276584	0.756849	-1.32127
cg13266188	UBE2E2	0.0863544	0.216688	0.399227	-2.50484	0.0108179	0.104243	-9.59301	0.0292803	0.163014	-6.13443	0.979449	0.98197	-1.01836	0.133168	0.318426	-3.14045
cg14571620	C12orf65;C12orf65;C12orf65	0.0863554	0.0576258	0.732631	-1.36494	0.0204565	1.49893	1.49893	0.857412	0.974275	-1.0264	0.276273	1.17834	1.17834	0.455047	0.895599	-1.11657
cg26274946	HTRA1	0.0863585	0.613697	0.911444	-1.09716	0.630487	1.09231	1.09231	0.543356	0.893992	-1.11858	0.982249	1.00406	1.00406	0.620532	1.09517	1.09517
cg14552982	EXOSC2	0.0863593	0.55162	1.55301	1.55301	0.189222	2.76343	2.76343	0.30876	2.15955	2.15955	0.122205	3.40163	3.40163	0.654359	0.719383	-1.39008
cg25365379	ARHGEF10	0.0863605	0.20093	0.594519	-1.68203	0.0128176	0.304215	-3.28715	0.322204	0.674564	-1.48244	0.916362	1.04127	1.04127	0.0556083	0.433861	-2.30488
cg20817228	LOC728855	0.086361	0.36323	0.717718	-1.3933	0.133021	1.77765	1.77765	0.0150824	0.346412	-2.88674	0.627048	0.840466	-1.18982	0.081638	0.504098	-1.98374
cg09313705	HOXB2	0.0863621	0.191283	0.67913	-1.47247	0.0222578	0.46475	-2.15169	0.252798	0.716018	-1.39661	0.178161	1.492	1.492	0.295644	0.73838	-1.35432
cg14120224	TTLL4	0.0863633	0.023252	2.57635	2.57635	0.0447978	0.4477	-2.23364	0.312068	0.694288	-1.44032	0.91223	0.962259	-1.03922	0.160387	1.68749	1.68749
cg14592066	EMILIN2	0.0863635	0.062145	0.261681	-3.82145	0.0993485	0.315607	-3.1685	0.0760225	0.283527	-3.527	0.113943	0.333586	-2.99772	0.0309942	0.198548	-5.03655
cg20252997	LOC284661	0.0863656	0.162099	0.483987	-2.06617	0.127486	2.22821	2.22821	0.0815338	0.391185	-2.55634	0.655359	1.24408	1.24408	0.286115	0.583595	-1.71352
cg15352671	LOC255512;TOLLIP	0.0863667	0.708632	1.33467	1.33467	0.0217997	8.30733	8.30733	0.109284	3.83004	3.83004	0.0399025	6.2126	6.2126	0.972344	1.02702	1.02702
cg00579292	PRDM13	0.086367	0.19102	0.724364	-1.38052	0.892763	0.969074	-1.03191	0.00871425	2.17814	2.17814	0.908884	1.02702	1.02702	0.0612689	0.611918	-1.63421
cg20397358	MAFF;MAFF;MAFF;MAFF	0.0863672	0.228954	1.22022	1.22022	0.0332189	0.675422	-1.48056	0.763658	1.04869	1.04869	0.87621	0.975724	-1.02488	0.237553	0.822785	-1.21538
cg03389538	GP9	0.086368	0.539414	0.835287	-1.19719	0.795013	0.927355	-1.07834	0.0692719	0.55504	-1.80167	0.12728	0.620219	-1.61233	0.329472	1.33846	1.33846
cg01772149	PRDM16;PRDM16	0.0863709	0.324436	0.553772	-1.8058	0.00862042	0.142943	-6.9958	0.0975325	0.347879	-2.87457	0.472403	1.5288	1.5288	0.731262	0.818546	-1.22168
cg10107836	PFKFB4	0.086371	0.104808	1.21432	1.21432	0.971099	0.996039	-1.00398	0.870779	1.01799	1.01799	0.110029	1.21023	1.21023	0.768912	0.968243	-1.0328
cg24803138	PC;PC;PC	0.0863714	0.0592148	4.80047	4.80047	0.251426	2.41688	2.41688	0.134795	3.27858	3.27858	0.59908	1.47802	1.47802	0.333692	2.08414	2.08414
cg25615890	LIMA1;MIR1293;LIMA1	0.0863718	0.604828	1.05315	1.05315	0.0769587	0.822743	-1.21545	0.0652271	1.22795	1.22795	0.213647	0.878176	-1.13872	0.813577	1.02371	1.02371
cg23748751	MAD1L1;MAD1L1;MAD1L1	0.0863736	0.0202258	0.52124	-1.9185	0.582643	1.13784	1.13784	0.0790014	0.635213	-1.57427	0.230987	1.33958	1.33958	0.182667	0.719614	-1.38963
cg00735744	TRAP1	0.0863777	0.185671	1.17711	1.17711	0.047649	0.768606	-1.30106	0.770588	0.966595	-1.03456	0.111521	0.817582	-1.22312	0.0178624	0.715683	-1.39727
cg13523882	BEND3	0.0863779	0.14665	1.24984	1.24984	0.358331	1.14479	1.14479	0.836949	0.970931	-1.02994	0.154823	0.804142	-1.24356	0.0355814	0.704533	-1.41938
cg00301864	RAB35;RAB35;RAB35;RAB35	0.0863783	0.190515	0.771068	-1.2969	0.0291465	0.617467	-1.61952	0.834381	0.961496	-1.04005	0.545182	0.891517	-1.12168	0.162353	1.3228	1.3228
cg03508095	C4orf39;TRIM61;C4orf39	0.0863786	0.0686829	0.388732	-2.57247	0.182141	0.518598	-1.92827	0.906993	0.947248	-1.05569	0.974521	0.9853	-1.01492	0.29632	0.605249	-1.65221
cg19977363	SLC24A3	0.0863798	0.110734	1.34532	1.34532	0.0312994	0.649713	-1.53914	0.160629	0.774287	-1.29151	0.957902	1.00905	1.00905	0.190993	0.789513	-1.2666
cg03223733	ZNF211;ZNF211	0.0863804	0.890536	0.97377	-1.02694	0.600508	0.903037	-1.10737	0.0355057	1.60396	1.60396	0.00826117	0.521024	-1.9193	0.9116	1.02167	1.02167
cg19226872	OSR1	0.0863816	0.113367	0.837765	-1.19365	0.0718363	1.22935	1.22935	0.546559	1.0647	1.0647	0.171307	0.861011	-1.16143	0.607814	1.05462	1.05462
cg22186853	ZNF749	0.0863875	0.0236394	0.768496	-1.30124	0.481677	1.07218	1.07218	0.656219	0.957278	-1.04463	0.0166262	0.75201	-1.32977	0.174823	0.868802	-1.15101
cg05821633	CASZ1;CASZ1	0.0863939	0.0744818	0.310624	-3.21933	0.475229	0.652332	-1.53296	0.12332	0.374504	-2.6702	0.59315	0.728112	-1.37342	0.00833918	0.137572	-7.26894
cg11660308	ADAM12;ADAM12	0.0863978	0.878845	1.05073	1.05073	0.0707508	0.519422	-1.92522	0.0737233	0.523766	-1.90925	0.654828	0.864178	-1.15717	0.0344238	0.449189	-2.22623
cg26874341	SC4MOL;SC4MOL	0.0863994	0.171463	1.28974	1.28974	0.123938	0.747387	-1.33799	0.3776	1.17142	1.17142	0.141055	1.31871	1.31871	0.482698	1.13279	1.13279
cg24524634	GNA12	0.0864022	0.277511	0.796305	-1.2558	0.173496	1.33921	1.33921	0.159773	1.35387	1.35387	0.0477315	1.5787	1.5787	0.778675	0.944758	-1.05847
cg00626422	SNORD93	0.0864037	0.705066	1.28284	1.28284	0.671454	0.75619	-1.32242	0.117283	3.04773	3.04773	0.0447606	0.221121	-4.52242	0.556851	0.677581	-1.47584
cg25205699	KIAA1239	0.0864061	0.157346	0.81255	-1.23069	0.0562368	1.34554	1.34554	0.0234688	1.44996	1.44996	0.318083	0.867916	-1.15219	0.81007	1.0336	1.0336
cg12454725	SYT17	0.0864093	0.981581	1.00223	1.00223	0.0693139	0.82172	-1.21696	0.585938	0.948236	-1.05459	0.0389411	1.25983	1.25983	0.0418478	1.2544	1.2544
cg25532501	GLB1L2	0.0864094	0.0661068	0.385418	-2.59459	0.429799	0.688846	-1.4517	0.0442618	0.343455	-2.91159	0.234259	0.561765	-1.78011	0.704797	0.838591	-1.19248
cg06025267	SLMAP	0.0864095	0.912916	0.988457	-1.01168	0.226652	1.14421	1.14421	0.16225	1.17158	1.17158	0.264978	0.884007	-1.13121	0.135609	0.843081	-1.18613
cg23924526	PRKCE	0.0864097	0.0341114	0.185464	-5.39189	0.142861	0.341957	-2.92434	0.754111	0.807265	-1.23875	0.14992	0.34931	-2.86279	0.186201	0.384827	-2.59857
cg25980484	KIAA1949;KIAA1949	0.0864126	0.473222	1.21635	1.21635	0.876999	1.04246	1.04246	0.11985	0.635685	-1.5731	0.869685	1.04507	1.04507	0.39487	1.26358	1.26358
cg17631196	PGCP;PGCP	0.0864147	0.0425263	23.4097	23.4097	0.115084	10.1056	10.1056	0.0454879	22.1249	22.1249	0.122814	9.55585	9.55585	0.430181	0.337189	-2.9657
cg12156301	KRTAP19-5	0.086415	0.308606	0.884264	-1.13088	0.621141	0.943508	-1.05987	0.549148	0.931695	-1.07331	0.394386	0.903189	-1.10719	0.00384169	0.634588	-1.57583
cg08926982	KIF1B;KIF1B	0.0864182	0.036491	0.437616	-2.28511	0.548232	0.813378	-1.22944	0.69604	0.875043	-1.1428	0.00711018	0.30661	-3.26147	0.975801	1.01037	1.01037
cg01616797	FAM19A5	0.0864203	0.0125684	0.226347	-4.418	0.118019	2.25341	2.25341	0.635911	1.25643	1.25643	0.779843	1.14354	1.14354	0.0244569	0.277166	-3.60795
cg24428851	HDLBP;HDLBP	0.0864253	0.259743	3.25039	3.25039	0.00651932	34.6243	34.6243	0.0169922	18.5122	18.5122	0.611805	1.67055	1.67055	0.301546	0.341902	-2.92481
cg23067782	MFAP3L;MFAP3L	0.0864275	0.92487	0.979085	-1.02136	0.429521	0.834672	-1.19808	0.965201	0.990271	-1.00982	0.185332	0.72997	-1.36992	0.751108	0.931176	-1.07391
cg00549988	ZNRF1	0.0864276	0.160709	1.22218	1.22218	0.257097	1.17161	1.17161	0.57372	1.07909	1.07909	0.423608	1.11565	1.11565	0.516842	1.092	1.092
cg12421282	NFYC;NFYC;LOC100130557;NFYC;NFYC; NFYC	0.08643	0.0471915	0.323275	-3.09335	0.253079	0.55235	-1.81045	0.629832	0.785461	-1.27314	0.46268	0.689524	-1.45028	0.0257058	0.267818	-3.73388
cg03394188	GLYR1	0.0864304	0.581829	0.80155	-1.24758	0.937168	0.969131	-1.03185	0.292038	0.647405	-1.54463	0.582001	0.801633	-1.24745	0.00385162	0.212496	-4.70597
cg00813765	CT45A1	0.0864312	0.0295611	0.29226	-3.42161	0.16691	0.492862	-2.02897	0.061168	0.363125	-2.75387	0.133817	0.460078	-2.17355	0.0108547	0.215276	-4.6452
cg05068428	PAK6;PAK6;C15orf56;PAK6	0.0864321	0.0292176	0.0162315	-61.6084	0.336683	4.89759	4.89759	0.708924	0.548025	-1.82474	0.289064	0.171177	-5.8419	0.0358415	0.0199109	-50.2238
cg13338306	BRSK2	0.0864333	0.699763	0.911759	-1.09678	0.330385	1.27054	1.27054	0.405948	0.816533	-1.22469	0.942231	0.982871	-1.01743	0.239421	0.745506	-1.34137
cg22985134	CLDN2;CLDN2;CLDN2;CLDN2	0.0864362	0.0254902	3.68002	3.68002	0.248124	0.552904	-1.80863	0.0874021	0.39607	-2.52481	0.841201	1.10347	1.10347	0.0882777	0.397288	-2.51707
cg15440331	TTC17	0.0864416	0.544672	0.923669	-1.08264	0.224327	0.847631	-1.17976	0.79263	0.966453	-1.03471	0.14813	0.817981	-1.22252	0.798227	0.967368	-1.03373
cg07568841	ZNRF2	0.086443	0.0643703	0.411241	-2.43167	0.119711	2.05831	2.05831	0.624006	1.23522	1.23522	0.315331	0.641499	-1.55885	0.0234679	0.314327	-3.1814
cg06414842	IER3IP1	0.0864432	0.185234	0.832041	-1.20186	0.0994509	1.26661	1.26661	0.729942	0.95566	-1.0464	0.790501	0.965753	-1.03546	0.301888	0.869374	-1.15025
cg22181664	CLCA1	0.0864438	0.0512389	0.212424	-4.70756	0.16867	0.359311	-2.78311	0.147966	0.338527	-2.95398	0.514764	0.630652	-1.58566	0.0310326	0.170885	-5.8519
cg06184262	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.0864443	0.838537	1.0354	1.0354	0.200142	0.79395	-1.25952	0.981417	0.996037	-1.00398	0.384588	1.16414	1.16414	0.282644	1.20965	1.20965
cg19822110	RCCD1;RCCD1	0.0864476	0.404158	0.580424	-1.72288	0.0722742	3.59072	3.59072	0.119176	2.93796	2.93796	0.453225	1.62733	1.62733	0.244981	0.460685	-2.17068
cg05168378	EPHB4	0.0864481	0.390295	0.937128	-1.06709	0.0433983	0.84252	-1.18692	0.273193	0.919321	-1.08776	0.479611	0.948368	-1.05444	0.759696	0.977623	-1.02289
cg06285293	SNORD115-19;SNORD115-17;SNORD115-18	0.0864495	0.0123419	0.160634	-6.22533	0.0482336	0.265817	-3.76199	0.0994996	0.346553	-2.88556	0.255984	0.498588	-2.00567	0.0559638	0.280616	-3.56359
cg03126821	C8orf47;C8orf47	0.0864497	0.788677	0.828771	-1.20661	0.0410066	5.19997	5.19997	0.402267	1.82082	1.82082	0.173489	2.75235	2.75235	0.0758941	3.97908	3.97908
cg22234529	TP73;TP73;TP73;TP73	0.0864498	0.289657	0.614854	-1.6264	0.0329625	0.331637	-3.01534	0.0913848	0.439238	-2.27667	0.667011	1.21113	1.21113	0.0229152	0.299872	-3.33476
cg01522970	SPEN	0.0864509	0.10942	0.47916	-2.08699	0.130293	0.50218	-1.99132	0.067035	0.420921	-2.37574	0.0529882	0.395766	-2.52674	0.0115338	0.264021	-3.78758
cg08942080	NCOR2;NCOR2	0.0864527	0.308308	1.35779	1.35779	0.444748	1.25354	1.25354	0.698389	0.8932	-1.11957	0.0407484	0.504014	-1.98407	0.795802	1.07812	1.07812
cg03498588	MAGI1;MAGI1;MAGI1	0.086456	0.010655	0.175908	-5.68481	0.23274	0.508004	-1.96849	0.0822695	0.352794	-2.83451	0.998058	0.998684	-1.00132	0.013376	0.190486	-5.24973
cg22963915	MATK;MATK;MATK	0.0864572	0.955801	0.983859	-1.01641	0.607307	0.858817	-1.16439	0.802543	1.07634	1.07634	0.88608	0.958785	-1.04299	0.447595	1.25515	1.25515
cg03046346	FADS3	0.0864573	0.0746221	0.334057	-2.9935	0.20216	0.475459	-2.10323	0.569839	0.728269	-1.37312	0.217274	0.488376	-2.0476	0.0577978	0.305971	-3.26828
cg06108395	NR2F6	0.0864575	0.418156	0.873044	-1.14542	0.560716	1.10135	1.10135	0.038961	1.48025	1.48025	0.0104381	0.58913	-1.69742	0.585084	1.0947	1.0947
cg01767202	MBIP;MBIP	0.0864579	0.768277	0.966972	-1.03416	0.63441	1.05597	1.05597	0.0111574	1.4356	1.4356	0.558204	1.06963	1.06963	0.365285	0.899655	-1.11154
cg25441771	MCCC1	0.0864582	0.0242906	0.200818	-4.97962	0.207156	0.451411	-2.21528	0.0911649	0.328747	-3.04186	0.696781	1.26382	1.26382	0.00989101	0.142448	-7.02013
cg24758173	SUFU;ACTR1A	0.0864586	0.13901	1.47914	1.47914	0.0441291	1.76561	1.76561	0.024827	1.92833	1.92833	0.105022	1.54565	1.54565	0.450522	1.20804	1.20804
cg21028562	GNAI2;GNAI2	0.0864613	0.59128	0.797981	-1.25316	0.0271142	2.97151	2.97151	0.0427903	2.63987	2.63987	0.480045	1.34834	1.34834	0.0366315	0.363876	-2.74819
cg06659727	COL4A2;COL4A1;COL4A1	0.0864633	0.414376	1.20009	1.20009	0.0943489	0.668976	-1.49482	0.591226	1.12582	1.12582	0.724592	1.0804	1.0804	0.593072	1.12515	1.12515
cg18971873	ATG16L2	0.0864638	0.0956852	0.663065	-1.50815	0.334395	1.25046	1.25046	0.0038618	2.39628	2.39628	0.956724	1.01226	1.01226	0.501205	1.16563	1.16563
cg21253188	PEPD;PEPD;PEPD	0.0864654	0.916602	0.975548	-1.02507	0.00306763	2.60699	2.60699	0.124799	1.48102	1.48102	0.602551	0.883229	-1.13221	0.795375	0.940424	-1.06335
cg07393816	SENP5	0.0864672	0.851232	0.959377	-1.04234	0.0798636	0.650964	-1.53618	0.640511	0.901329	-1.10947	0.0651982	1.57973	1.57973	0.956219	1.0122	1.0122
cg16245431	COX19	0.0864695	0.291618	0.484927	-2.06217	0.129169	2.9579	2.9579	0.365659	1.84921	1.84921	0.96247	0.969357	-1.03161	0.0200666	0.156385	-6.39449
cg00270764	IL27	0.0864706	0.384744	0.658652	-1.51825	0.079627	0.401907	-2.48814	0.090978	0.417951	-2.39263	0.509141	1.3686	1.3686	0.0437813	0.337602	-2.96207
cg11426603	ODZ4	0.0864707	0.370692	0.791101	-1.26406	0.814588	0.941872	-1.06172	0.952763	1.01522	1.01522	0.115727	1.5463	1.5463	0.434568	0.816076	-1.22538
cg25784372	FNDC3B;FNDC3B	0.0864721	0.0637935	0.418117	-2.39167	0.472919	0.736754	-1.35731	0.146398	0.520785	-1.92018	0.212177	0.576979	-1.73316	0.00768039	0.238432	-4.19407
cg13332571	ADM2;MIOX	0.086473	0.0536761	0.473464	-2.11209	0.739971	0.892561	-1.12037	0.0335276	0.428494	-2.33375	0.725362	1.1279	1.1279	0.0126582	0.347287	-2.87946
cg27126505	DLEU7	0.0864751	0.195714	0.518758	-1.92768	0.674163	1.22486	1.22486	0.755372	0.860786	-1.16173	0.20777	1.891	1.891	0.0179825	0.251868	-3.97033
cg09488512	SRRM5;SRRM5;ZNF428	0.086479	0.225319	0.798464	-1.2524	0.0424171	0.661614	-1.51146	0.0319614	0.641341	-1.55923	0.67947	1.0762	1.0762	0.175055	0.774988	-1.29034
cg03310038	VWA3B	0.0864802	0.823385	0.919341	-1.08774	0.0260888	0.370371	-2.7	0.083445	0.486335	-2.0562	0.382579	1.40056	1.40056	0.747252	1.12935	1.12935
cg04988514	GRIN2D;GRWD1	0.0864807	0.0526723	6.62261	6.62261	0.0534368	6.57194	6.57194	0.0979221	4.75036	4.75036	0.192954	3.26247	3.26247	0.0506793	6.76014	6.76014
cg03537386	COL16A1	0.0864815	0.497685	0.801693	-1.24736	0.674852	0.873323	-1.14505	0.0412872	0.46967	-2.12916	0.0771036	0.532045	-1.87954	0.081934	0.538575	-1.85675
cg08992729	PSMB8;PSMB8	0.0864818	0.197205	0.818992	-1.22101	0.615242	1.07705	1.07705	0.0347833	1.43391	1.43391	0.272824	1.18196	1.18196	0.0728681	0.745971	-1.34053
cg22628926	SLC25A11;RNF167;SLC25A11;SLC25A11	0.0864843	0.0221436	0.298151	-3.354	0.12438	0.479981	-2.08342	0.960402	0.978335	-1.02215	0.438849	0.705863	-1.41671	0.137692	0.493996	-2.02431
cg10368935	SLC39A12;SLC39A12	0.0864847	0.627737	1.29352	1.29352	0.0280661	0.255012	-3.92139	0.0401434	0.286794	-3.48683	0.28168	1.80266	1.80266	0.20924	2.00789	2.00789
cg24396566	SGCB	0.0864866	0.00712784	0.548966	-1.82161	0.817213	1.04076	1.04076	0.183128	1.27601	1.27601	0.633676	0.920493	-1.08637	0.78031	1.04943	1.04943
cg19583076	CD79A;CD79A	0.0864899	0.018173	0.208154	-4.80414	0.214899	0.489468	-2.04304	0.11297	0.389046	-2.57039	0.111976	0.387853	-2.5783	0.12852	0.406961	-2.45724
cg20787903	MTMR3;MTMR3;MTMR3	0.0864906	0.0255253	0.577887	-1.73044	0.133004	0.71539	-1.39784	0.919039	1.02123	1.02123	0.149261	0.726476	-1.37651	0.111169	0.698666	-1.4313
cg01023242	HLX	0.0864912	0.00717548	0.108647	-9.20416	0.231414	0.448119	-2.23155	0.246646	0.460834	-2.16998	0.576501	1.4345	1.4345	0.0329023	0.202784	-4.93135
cg20493901	KIAA1737	0.0864912	0.461304	1.22884	1.22884	0.84069	0.946202	-1.05686	0.641893	0.879253	-1.13733	0.0769891	0.582568	-1.71654	0.0540319	1.82371	1.82371
cg21425332	PCYOX1	0.0864919	0.0805366	0.751126	-1.33133	0.371603	1.14505	1.14505	0.0312008	0.688466	-1.45251	0.318914	0.858916	-1.16426	0.506886	1.10453	1.10453
cg20666271	SCARB2	0.0864926	0.978555	1.00482	1.00482	0.00388531	2.00602	2.00602	0.727437	0.939277	-1.06465	0.373373	1.17775	1.17775	0.192102	0.780985	-1.28043
cg24482286	FAM63A;PRUNE;FAM63A	0.0864952	0.0416414	0.464886	-2.15106	0.0552668	2.03121	2.03121	0.493978	0.797296	-1.25424	0.833472	0.933641	-1.07108	0.0525122	0.487245	-2.05236
cg17858911	RSRC2;RSRC2;RSRC2;KNTC1	0.0864987	0.588719	1.22194	1.22194	0.0152481	2.98649	2.98649	0.196099	1.65192	1.65192	0.561273	1.24072	1.24072	0.621958	1.2002	1.2002
cg03141090	LOC100169752	0.0864988	0.66396	0.902914	-1.10753	0.255214	1.31986	1.31986	0.229466	0.744818	-1.34261	0.0204708	0.520763	-1.92026	0.692276	0.911251	-1.09739
cg13549940	ACOT7;ACOT7;ACOT7;ACOT7	0.0864991	0.158993	0.337248	-2.96518	0.111965	0.286586	-3.48936	0.584392	1.49008	1.49008	0.938013	0.94539	-1.05777	0.0472562	0.194152	-5.15061
cg00989226	SFRS11	0.0864997	?	?	?	?	?	?	0.600032	0.790767	-1.2646	?	?	?	0.264644	0.595464	-1.67936
cg10878768	RNF19B;RNF19B	0.0865021	0.0756944	1.30555	1.30555	0.18355	1.20959	1.20959	0.204457	1.19792	1.19792	0.372495	0.883846	-1.13142	0.549093	0.9215	-1.08519
cg11598054	GREB1	0.0865021	0.210676	0.729843	-1.37016	0.04476	1.73341	1.73341	0.10417	0.654298	-1.52835	0.144478	1.45396	1.45396	0.432506	0.825914	-1.21078
cg07148743	BRD9;BRD9;BRD9	0.0865044	0.0328107	0.15708	-6.36618	0.0656156	0.216176	-4.62586	0.445824	0.562083	-1.7791	0.532421	0.62577	-1.59803	0.0674032	0.218875	-4.56882
cg07323947	PPRC1	0.0865046	0.0281281	0.23899	-4.18428	0.0874345	0.352921	-2.83349	0.0647999	0.318289	-3.14179	0.323272	0.569409	-1.75621	0.0201705	0.212956	-4.69581
cg08574758	ATP5I	0.0865049	0.294971	0.776428	-1.28795	0.657644	1.10951	1.10951	0.0102985	0.470838	-2.12387	0.356655	1.24718	1.24718	0.131708	0.684474	-1.46098
cg05345876	ZNF423	0.0865053	0.104106	0.318292	-3.14177	0.0180193	0.15705	-6.36739	0.117187	0.33407	-2.99338	0.501537	0.644382	-1.55187	0.0355083	0.206604	-4.84017
cg15817481	DMKN;DMKN;DMKN;DMKN;DMKN;DMKN	0.0865055	0.562216	1.06816	1.06816	0.327989	1.12031	1.12031	0.0155122	0.716023	-1.3966	0.0490637	0.776616	-1.28764	0.955329	0.993717	-1.00632
cg08170950	SNORD116-13;SNORD116-14	0.0865056	0.125983	0.369581	-2.70576	0.0136244	0.159642	-6.26403	0.906966	1.07282	1.07282	0.298218	1.91228	1.91228	0.104971	0.344672	-2.90131
cg08354908	TAP2;TAP2	0.0865056	0.545135	0.86237	-1.15959	0.104893	0.651485	-1.53495	0.00313033	0.376506	-2.656	0.515336	1.17293	1.17293	0.857977	1.04426	1.04426
cg09663584	TSPAN3;TSPAN3;TSPAN3	0.0865059	0.84924	0.937004	-1.06723	0.0375006	2.28261	2.28261	0.999674	1.00014	1.00014	0.650027	1.16904	1.16904	0.0344246	0.43019	-2.32455
cg06819605	AGRN	0.086506	0.350059	0.737689	-1.35558	0.00793562	2.93499	2.93499	0.0521165	2.0113	2.0113	0.481043	1.25425	1.25425	0.941816	1.02336	1.02336
cg13858611	NRN1	0.086506	0.212967	0.317715	-3.14747	0.537309	0.579234	-1.72642	0.927439	1.08288	1.08288	0.125194	0.234376	-4.26665	0.0760926	0.178093	-5.61505
cg05965277	LHX5	0.0865063	0.0677244	0.108444	-9.22137	0.0808643	0.122289	-8.17738	0.0219934	0.0506689	-19.736	0.125922	0.165696	-6.03514	0.0642099	0.104608	-9.55951
cg02633309	LOC100125556;LOC100125556	0.0865074	0.802892	0.962088	-1.03941	0.282344	1.18844	1.18844	0.153101	1.26672	1.26672	0.0292348	1.48735	1.48735	0.248516	0.82993	-1.20492
cg22449085	TNNI1	0.0865096	0.0451117	0.397069	-2.51845	0.615156	0.815743	-1.22588	?	?	?	0.648397	1.20256	1.20256	0.00895586	0.262988	-3.80245
cg17734137	C20orf197	0.0865112	0.240329	0.417245	-2.39667	0.149347	0.333113	-3.00198	0.198436	0.380476	-2.62829	0.169728	0.35348	-2.82902	0.021582	0.140591	-7.11282
cg18233311	ZCCHC10	0.0865114	0.597506	1.0821	1.0821	0.0755609	0.746073	-1.34035	0.032145	0.689602	-1.45011	0.524923	1.1001	1.1001	0.808833	1.03654	1.03654
cg00531965	VCX3A	0.0865142	0.84292	0.901452	-1.10932	0.142275	0.438282	-2.28164	0.166891	0.462729	-2.16109	0.143383	0.439432	-2.27567	0.089114	0.375153	-2.66558
cg06440160	SLC35B2	0.0865163	0.340231	1.52798	1.52798	0.020235	3.34583	3.34583	0.505963	1.33789	1.33789	0.0167265	3.52468	3.52468	0.260382	0.602689	-1.65923
cg24193855	B4GALNT1	0.0865182	0.674603	0.918464	-1.08877	0.100262	0.695793	-1.43721	0.500179	1.1478	1.1478	0.206866	0.764803	-1.30753	0.0141009	0.543201	-1.84094
cg03928690	MOBKL3;MOBKL3;MOBKL3	0.0865217	0.0955496	0.717157	-1.39439	0.555381	0.897356	-1.11438	0.116453	0.733649	-1.36305	0.377647	0.848434	-1.17864	0.35535	0.841449	-1.18843
cg12906108	DNAH10	0.086523	0.0372746	0.0473745	-21.1084	0.324586	0.277124	-3.60849	0.780832	0.703379	-1.42171	0.153417	0.145391	-6.878	0.0100543	0.0166041	-60.2261
cg26784162	ATG9A;ATG9A	0.0865241	0.351385	0.714276	-1.40002	0.187527	1.63238	1.63238	0.458391	1.3033	1.3033	0.0569744	0.469683	-2.1291	0.009479	0.315604	-3.16853
cg15575967	TRIM62	0.0865243	0.846277	1.08964	1.08964	0.0145979	3.7822	3.7822	0.0249227	3.25586	3.25586	0.807538	1.11399	1.11399	0.511124	0.744686	-1.34285
cg26325880	EIF2C2;EIF2C2	0.0865245	0.623408	1.14566	1.14566	0.43602	1.24401	1.24401	0.635073	0.8769	-1.14038	0.732861	1.09871	1.09871	0.0129774	0.428644	-2.33294
cg03009524	PELI2	0.0865284	0.300396	0.728803	-1.37211	0.413327	0.781494	-1.2796	0.0144415	0.411202	-2.4319	0.852536	0.946621	-1.05639	0.502317	0.818147	-1.22227
cg15201399	TRIM27	0.0865298	0.0776931	1.46703	1.46703	0.00910685	1.91097	1.91097	0.185194	0.75986	-1.31603	0.123847	1.38504	1.38504	0.326393	0.820338	-1.21901
cg10516057	PPP2R2C;PPP2R2C	0.086533	0.949508	1.03902	1.03902	0.050141	3.85667	3.85667	0.960496	0.970507	-1.03039	0.0394771	0.237031	-4.21885	0.0513748	0.261667	-3.82165
cg21887778	C19orf6;C19orf6	0.0865337	0.234239	1.21052	1.21052	0.418094	1.13516	1.13516	0.177563	0.802891	-1.2455	0.200997	0.813089	-1.22988	0.00681727	0.584475	-1.71094
cg01153737	PLXNB2	0.0865339	0.075193	0.712357	-1.40379	0.0595279	1.4392	1.4392	0.665913	1.0772	1.0772	0.315342	0.837162	-1.19451	0.719867	1.06359	1.06359
cg00946598	KDM4A	0.0865352	0.0723236	0.346342	-2.88732	0.301316	0.567674	-1.76157	0.72071	1.20901	1.20901	0.454533	0.668469	-1.49596	0.109214	0.397151	-2.51793
cg02965078	GPR44	0.0865377	0.026236	0.27109	-3.68881	0.0787098	0.380337	-2.62924	0.0358077	0.298438	-3.35079	0.443738	0.679381	-1.47193	0.0511721	0.333078	-3.0023
cg23420536	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.0865385	0.255812	1.26107	1.26107	0.756338	0.940952	-1.06275	0.624761	1.10119	1.10119	0.229692	1.27947	1.27947	0.279608	0.802685	-1.24582
cg24448259	CPVL;CPVL;CPVL;CPVL	0.0865387	0.0053614	0.317706	-3.14756	0.538548	1.21495	1.21495	0.033653	0.460335	-2.17233	0.758406	0.908041	-1.10127	0.324626	1.37445	1.37445
cg16276290	KCTD15;KCTD15;KCTD15	0.0865402	0.382209	0.866369	-1.15424	0.880918	0.976291	-1.02428	0.184661	1.25258	1.25258	0.0673836	1.38828	1.38828	0.667273	0.933116	-1.07168
cg02584939	TTC22	0.0865422	0.328966	0.724866	-1.37957	0.441189	0.778154	-1.28509	0.00865904	0.343425	-2.91184	0.948373	0.979532	-1.0209	0.2623	0.68847	-1.4525
cg19012731	KIAA1324L;KIAA1324L	0.0865422	0.688044	0.941757	-1.06185	0.212885	1.21537	1.21537	0.112558	1.29283	1.29283	0.689403	0.942019	-1.06155	0.0599366	0.72938	-1.37103

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05528131	0.0665502	1.65942	1.65942	0.0509651	1.72856	1.72856	0.744272	1.08391	1.08391	0.273372	1.32394	1.32394	2.72589	2.61629	0.853148	1
cg13266188	0.436159	0.57055	-1.75269	0.14305	0.32897	-3.03979	0.0812072	0.255254	-3.91767	0.3667	1.92522	1.92522	2.72587	21.5407	7.02428	1
cg14571620	0.695883	1.05858	1.05858	0.149732	1.25082	1.25082	0.0887048	1.31274	1.31274	0.13875	1.25978	1.25978	2.72586	0.906586	0.295633	1
cg26274946	0.391076	0.852077	-1.1736	0.0015642	0.436999	-2.28834	0.972538	0.993749	-1.00629	0.863575	0.969158	-1.03182	2.72582	1.43254	0.467151	1
cg14552982	0.132912	3.27051	3.27051	0.00803695	11.9633	11.9633	0.0486385	5.18643	5.18643	0.0359883	5.94667	5.94667	2.72581	23.0599	7.51985	1
cg25365379	0.809008	0.91099	-1.09771	0.0855908	2.07826	2.07826	0.439977	1.35418	1.35418	0.528494	1.27869	1.27869	2.72579	6.39815	2.08646	1
cg20817228	0.186234	0.608104	-1.64446	0.0760176	0.496181	-2.01539	0.810358	0.918209	-1.08908	0.0596648	0.470308	-2.12627	2.72579	5.43895	1.77366	1
cg09313705	0.254948	1.39432	1.39432	0.0200256	0.456167	-2.19218	0.762824	0.91884	-1.08833	0.913993	0.970237	-1.03068	2.72577	3.37648	1.10109	1
cg14120224	0.763703	1.11093	1.11093	0.901979	1.04393	1.04393	0.0465015	2.21565	2.21565	0.577018	1.21725	1.21725	2.72576	5.25534	1.71381	1
cg14592066	0.0608393	0.259484	-3.8538	0.0367342	0.212428	-4.70748	0.0302365	0.1966	-5.08647	0.124771	0.346141	-2.889	2.72575	17.5943	5.73764	1
cg20252997	0.630157	0.789888	-1.266	0.066095	2.72445	2.72445	0.0283921	0.284285	-3.5176	0.544781	0.742317	-1.34713	2.72573	10.2029	3.32728	1
cg15352671	0.0416084	6.08956	6.08956	0.54362	0.62328	-1.60442	0.185169	2.9465	2.9465	0.041532	6.09491	6.09491	2.72571	25.5308	8.32591	1
cg00579292	0.438946	0.832051	-1.20185	0.822571	1.0537	1.0537	0.139459	1.44833	1.44833	0.86354	1.04088	1.04088	2.72571	2.34177	0.763681	1
cg20397358	0.0282481	0.664736	-1.50436	0.0219257	0.648284	-1.54253	0.245222	0.825623	-1.21121	0.346212	0.858194	-1.16524	2.7257	1.07286	0.349874	1
cg03389538	0.523729	1.20584	1.20584	0.0101108	2.55988	2.55988	0.606117	1.16261	1.16261	0.289388	0.727203	-1.37513	2.72569	3.62219	1.18125	1
cg01772149	0.570362	0.716701	-1.39528	0.47765	0.657507	-1.5209	0.0695038	3.25158	3.25158	0.453758	1.55771	1.55771	2.72566	14.5605	4.74846	1
cg10107836	0.791199	0.971352	-1.02949	0.00661469	0.679646	-1.47136	0.945955	0.992601	-1.00745	0.183579	1.16713	1.16713	2.72565	0.518004	0.168931	1
cg24803138	0.807353	1.19713	1.19713	0.0105949	10.6699	10.6699	0.0110531	10.4557	10.4557	0.168141	2.94978	2.94978	2.72565	23.4149	7.63607	1
cg25615890	0.48887	0.932625	-1.07224	0.0323517	1.28221	1.28221	0.16629	0.863785	-1.1577	0.214635	0.878447	-1.13837	2.72564	0.424856	0.138554	1
cg23748751	0.939954	1.01768	1.01768	0.655805	1.11002	1.11002	0.715305	0.9183	-1.08897	0.0220174	0.527773	-1.89475	2.72562	2.33696	0.762136	1
cg00735744	0.210352	1.16576	1.16576	0.551893	1.07244	1.07244	0.99316	1.001	1.001	0.227695	0.863176	-1.15851	2.72557	0.582805	0.19007	1
cg13523882	0.318867	0.862884	-1.1589	0.0263296	0.685829	-1.45809	0.185699	1.22248	1.22248	0.724092	0.950529	-1.05205	2.72556	0.884633	0.288506	1
cg00301864	0.412487	0.854585	-1.17016	0.0155049	0.573032	-1.7451	0.0547631	0.664603	-1.50466	0.264883	0.804191	-1.24349	2.72556	1.51822	0.495137	1
cg03508095	0.892286	0.93911	-1.06484	0.012129	0.234602	-4.26253	0.010545	0.224933	-4.44578	0.175527	0.512759	-1.95024	2.72555	9.28125	3.02691	1
cg19977363	0.770067	1.0513	1.0513	0.0263618	1.56759	1.56759	0.979989	1.00429	1.00429	0.697252	1.06901	1.06901	2.72554	1.25769	0.410174	1
cg03223733	0.112836	0.716672	-1.39534	0.969707	0.992697	-1.00736	0.722457	1.07126	1.07126	0.625524	1.09959	1.09959	2.72553	1.6083	0.524523	1
cg19226872	0.117627	0.839788	-1.19078	0.0376389	0.780545	-1.28116	0.151509	0.853944	-1.17104	0.310444	1.11386	1.11386	2.72551	0.455671	0.148611	1
cg22186853	0.364142	0.913125	-1.09514	0.170663	0.867462	-1.15279	0.837538	0.98019	-1.02021	0.144475	1.16505	1.16505	2.72544	0.409944	0.133701	1
cg05821633	0.434263	0.625363	-1.59907	0.0232765	0.202809	-4.93075	0.408523	1.6444	1.6444	0.298889	0.530733	-1.88419	2.72535	14.9421	4.87344	1
cg11660308	0.711679	0.886538	-1.12798	0.0243858	2.3874	2.3874	0.55144	0.822442	-1.21589	0.464083	0.785262	-1.27346	2.7253	4.54231	1.48153	1
cg26874341	0.748924	0.945427	-1.05772	0.0100962	0.567074	-1.76344	0.804693	0.957625	-1.04425	0.271125	1.22168	1.22168	2.72528	1.31827	0.429972	1
cg24524634	0.366302	1.20586	1.20586	0.0998906	0.695135	-1.43857	0.0295546	1.67657	1.67657	0.200598	1.31344	1.31344	2.72524	1.75573	0.572665	1
cg00626422	0.260114	0.463278	-2.15853	0.059686	0.248583	-4.0228	0.0417879	0.215024	-4.65064	0.048105	0.227697	-4.39181	2.72522	18.5188	6.04031	1
cg25205699	0.140864	0.804587	-1.24287	0.329121	1.14827	1.14827	0.752701	0.957538	-1.04435	0.159071	1.22949	1.22949	2.72519	0.81332	0.265285	1
cg12454725	0.392797	1.08828	1.08828	0.159264	1.15645	1.15645	0.217792	1.13347	1.13347	0.0807761	1.20578	1.20578	2.72515	0.403016	0.131456	1
cg25532501	0.00916393	0.216422	-4.62061	0.193174	0.528949	-1.89054	0.820498	1.11083	1.11083	0.242086	1.76164	1.76164	2.72515	9.23181	3.01123	1
cg06025267	0.0438419	0.782032	-1.27872	0.0728388	0.808668	-1.2366	0.0334722	0.768228	-1.3017	0.38374	0.909568	-1.09942	2.72515	0.486102	0.158557	1
cg23924526	0.620613	0.711777	-1.40493	0.0128649	0.121884	-8.20452	0.0287289	0.172408	-5.80019	0.0510078	0.219913	-4.54725	2.72514	20.0394	6.53645	1
cg25980484	0.0738444	1.70735	1.70735	0.0277256	0.497289	-2.0109	0.0347789	1.93599	1.93599	0.964538	1.01201	1.01201	2.72511	3.11086	1.01472	1
cg17631196	0.100427	11.3544	11.3544	0.769163	0.672138	-1.48779	0.0216936	41.2972	41.2972	0.194672	6.37318	6.37318	2.72508	78.6623	25.6587	1
cg12156301	0.407868	0.90591	-1.10386	0.335117	1.12302	1.12302	0.322846	0.887634	-1.12659	0.0331279	0.747703	-1.33743	2.72507	0.588009	0.191802	1
cg08926982	0.555579	1.22469	1.22469	0.633863	1.1772	1.1772	0.518868	1.249	1.249	0.184935	1.61288	1.61288	2.72503	4.98867	1.62727	1
cg01616797	0.830099	0.902256	-1.10833	0.945247	0.967659	-1.03342	0.885706	0.933472	-1.07127	0.166254	0.493323	-2.02707	2.725	9.88838	3.22556	1
cg24428851	0.923227	0.907875	-1.10147	0.561503	1.80151	1.80151	0.824927	1.24875	1.24875	0.929822	1.09234	1.09234	2.72494	43.3871	14.1531	1
cg23067782	0.780459	1.06462	1.06462	0.0186196	1.89504	1.89504	0.011095	2.04136	2.04136	0.38714	1.21975	1.21975	2.72491	2.16716	0.706946	1
cg00549988	0.00405668	1.67642	1.67642	0.232456	0.845631	-1.18255	0.890076	0.981653	-1.01869	0.0775826	1.30041	1.30041	2.72491	0.77382	0.252427	1
cg12421282	0.237454	0.540418	-1.85042	0.0335699	0.290971	-3.43677	0.0127136	0.214442	-4.66326	0.102741	0.411585	-2.42963	2.72488	10.671	3.48102	1
cg03394188	0.369194	0.692958	-1.44309	0.0706273	0.447767	-2.2333	0.359416	1.45464	1.45464	0.0876197	0.472428	-2.11673	2.72487	6.82588	2.22669	1
cg00813765	0.391394	0.655973	-1.52445	0.0539128	0.349701	-2.85959	0.202198	0.523866	-1.90888	0.0677202	0.374336	-2.6714	2.72486	9.94882	3.24545	1
cg05068428	0.305883	5.47574	5.47574	0.337672	0.204887	-4.88073	0.771747	0.62718	-1.59444	0.0628486	28.6981	28.6981	2.72485	111.012	36.214	1
cg13338306	0.0535826	0.592985	-1.68638	0.293896	1.29634	1.29634	0.00965477	2.18317	2.18317	0.401941	1.22692	1.22692	2.72483	2.45263	0.800091	1
cg22985134	0.347052	0.621749	-1.60837	0.144615	0.463458	-2.15769	0.4348	1.47861	1.47861	0.248813	1.80693	1.80693	2.72479	10.3952	3.39114	1
cg15440331	0.121945	0.804838	-1.24249	0.400497	0.894532	-1.1179	0.0101802	1.52147	1.52147	0.156089	1.21715	1.21715	2.72472	0.723793	0.236124	1
cg07568841	0.979308	0.988971	-1.01115	0.362549	0.670212	-1.49206	0.210335	1.75845	1.75845	0.078422	0.433472	-2.30696	2.7247	7.89003	2.57399	1
cg06414842	0.0132302	1.49465	1.49465	0.0437267	1.35448	1.35448	0.974298	0.995792	-1.00423	0.413769	1.11555	1.11555	2.7247	0.73917	0.241142	1
cg22181664	0.117654	0.305478	-3.27356	0.00919688	0.0994777	-10.0525	0.107366	0.293336	-3.40905	0.0781369	0.255154	-3.9192	2.72469	21.0163	6.85624	1
cg06184262	0.613249	1.09078	1.09078	0.00327977	0.505028	-1.98009	0.469765	1.13358	1.13358	0.585872	0.91047	-1.09833	2.72469	1.2543	0.409198	1
cg19822110	0.730398	0.802157	-1.24664	0.020957	5.87251	5.87251	0.0985082	0.315167	-3.17292	0.599443	0.713382	-1.40177	2.72464	17.5256	5.71757	1
cg05168378	0.291552	0.922442	-1.08408	0.0217657	0.816156	-1.22526	0.79148	0.980643	-1.01974	0.0304195	1.20644	1.20644	2.72464	0.234811	0.076605	1
cg06285293	0.273594	0.512367	-1.95173	0.233759	0.480609	-2.08069	0.676464	0.781676	-1.2793	0.0188686	0.188367	-5.30879	2.72462	14.8656	4.8498	1
cg03126821	0.141169	3.0233	3.0233	0.281955	0.457627	-2.18519	0.016453	7.76204	7.76204	0.0873288	3.74207	3.74207	2.72462	21.0909	6.88078	1
cg22234529	0.856479	1.08341	1.08341	0.0184392	0.282205	-3.54353	0.315953	0.632021	-1.58222	0.855348	1.08411	1.08411	2.72461	8.45087	2.75705	1
cg01522970	0.05864	0.40641	-2.46057	0.0495492	0.388876	-2.57151	0.302063	0.637202	-1.56936	0.091938	0.457472	-2.18593	2.7246	7.66714	2.50137	1
cg08942080	0.0454403	0.514008	-1.94549	0.0824836	1.74697	1.74697	0.302612	1.36307	1.36307	0.0976854	1.69395	1.69395	2.72458	3.63043	1.18442	1
cg03498588	0.109552	0.38897	-2.57089	0.776771	1.16632	1.16632	0.701726	0.811983	-1.23155	0.489504	0.683882	-1.46224	2.72453	12.6403	4.12393	1
cg22963915	0.52736	0.828597	-1.20686	0.895064	0.961995	-1.03951	0.00217216	3.53634	3.53634	0.281443	0.719883	-1.38911	2.72452	3.71974	1.21359	1
cg03046346	0.589953	0.740547	-1.35035	0.00457965	0.12443	-8.03662	0.11573	0.389085	-2.57013	0.0715096	0.32919	-3.03776	2.72452	13.1524	4.29105	1
cg06108395	0.882205	0.975962	-1.02463	0.180447	0.791836	-1.26289	0.4558	0.882806	-1.13275	0.363481	1.16563	1.16563	2.72451	1.16206	0.37913	1
cg01767202	0.0462412	0.771369	-1.2964	0.348263	0.896036	-1.11603	0.108203	1.22044	1.22044	0.936611	1.00908	1.00908	2.72451	0.557591	0.181918	1
cg25441771	0.495812	0.661336	-1.51209	0.564842	1.41617	1.41617	0.134542	0.381093	-2.62403	0.889133	1.08697	1.08697	2.7245	15.426	5.03283	1
cg24758173	0.597318	0.877174	-1.14002	0.556636	0.864025	-1.15737	0.0188345	2.01265	2.01265	0.314013	1.29171	1.29171	2.7245	2.60752	0.850722	1
cg21028562	0.476666	0.739887	-1.35156	0.543356	0.774068	-1.29188	0.302028	1.5607	1.5607	0.939062	0.968671	-1.03234	2.72446	7.47836	2.43991	1
cg06659727	0.695902	1.08966	1.08966	0.00360133	0.422498	-2.36688	0.708156	0.921086	-1.08567	0.271868	0.778778	-1.28406	2.72444	2.06192	0.672734	1
cg18971873	0.505146	0.859147	-1.16395	0.402967	1.21185	1.21185	0.79058	1.06157	1.06157	0.321675	1.25842	1.25842	2.72443	2.17485	0.70958	1
cg21253188	0.654104	0.89889	-1.11248	0.203711	1.37309	1.37309	0.553493	0.867911	-1.15219	0.754623	0.928576	-1.07692	2.72441	2.41029	0.786402	1
cg07393816	0.240636	0.76235	-1.31173	0.0243192	0.552725	-1.80922	0.0757088	1.54755	1.54755	0.821065	1.05131	1.05131	2.72439	2.10517	0.686858	1
cg16245431	0.155717	0.366175	-2.73093	0.0249206	0.171147	-5.84293	0.38914	0.557814	-1.79271	0.339572	0.521506	-1.91752	2.72435	18.8758	6.1587	1
cg00270764	0.90638	1.05667	1.05667	0.0101744	0.219034	-4.56549	0.214557	0.542148	-1.84452	0.088068	0.413971	-2.41563	2.72434	9.4727	3.09072	1
cg11426603	0.238092	0.729771	-1.37029	0.0106453	2.26745	2.26745	0.0556826	1.73798	1.73798	0.30501	1.31098	1.31098	2.72434	2.80395	0.914864	1
cg25784372	0.0424263	0.376052	-2.65921	0.269109	0.617767	-1.61873	0.922085	1.04179	1.04179	0.0438504	0.379293	-2.63649	2.72432	7.55641	2.4655	1
cg13332571	0.955759	1.01911	1.01911	0.594964	0.832674	-1.20095	0.743128	0.893848	-1.11876	0.0316553	0.423289	-2.36245	2.72431	5.02449	1.63939	1
cg27126505	0.54533	1.34122	1.34122	0.0842184	0.4	-2.5	0.0942827	2.41643	2.41643	0.287433	1.69856	1.69856	2.72428	9.92651	3.23886	1
cg09488512	0.978625	1.00475	1.00475	0.0409473	1.51732	1.51732	0.501902	1.12801	1.12801	0.941406	0.987092	-1.01308	2.72423	1.34773	0.439751	1
cg03310038	0.563914	1.24542	1.24542	0.0158016	3.04175	3.04175	0.829496	1.08452	1.08452	0.964446	0.98337	-1.01691	2.72421	6.10652	1.99251	1
cg04988514	0.115505	4.34262	4.34262	0.00957029	16.7066	16.7066	0.0914812	4.92823	4.92823	0.211463	3.09506	3.09506	2.72421	31.7803	10.3697	1
cg03537386	0.430911	1.29446	1.29446	0.0792659	1.86914	1.86914	0.14275	1.65822	1.65822	0.352092	0.735333	-1.35993	2.7242	4.44693	1.45101	1
cg08992729	0.233434	1.2008	1.2008	0.0656437	0.738896	-1.35337	0.457322	1.11725	1.11725	0.329923	1.15866	1.15866	2.72419	0.925658	0.302037	1
cg22628926	0.0659721	0.402518	-2.48436	0.0202043	0.290644	-3.44064	0.460802	0.718026	-1.39271	0.0230434	0.301466	-3.31712	2.72416	8.39685	2.73988	1
cg10368935	0.207866	0.496874	-2.01258	0.247675	1.88997	1.88997	0.194093	2.06184	2.06184	0.843524	1.1097	1.1097	2.72415	11.9682	3.9052	1
cg24396566	0.334845	0.842298	-1.18723	0.0747288	0.709964	-1.40852	0.070661	0.7057	-1.41703	0.399385	0.861683	-1.16052	2.72413	1.28465	0.419184	1
cg19583076	0.105197	0.379542	-2.63475	0.0310244	0.250195	-3.99688	0.0175091	0.20548	-4.86666	0.188245	0.466277	-2.14465	2.72409	12.9201	4.21592	1
cg20787903	0.164826	0.736242	-1.35825	0.00592004	0.475263	-2.1041	0.281633	0.793571	-1.26013	0.73793	0.932963	-1.07185	2.72408	1.84214	0.601107	1
cg01023242	0.916895	0.935433	-1.06902	0.607022	1.39342	1.39342	0.272451	0.481691	-2.07602	0.0846628	0.295378	-3.38549	2.72407	17.6425	5.75691	1
cg20493901	0.112135	0.621703	-1.60848	0.752197	1.09093	1.09093	0.0646701	0.565424	-1.76858	0.0409317	0.522959	-1.91219	2.72407	3.257	1.06279	1
cg21425332	0.0121534	0.630361	-1.58639	0.894418	1.0198	1.0198	0.16041	0.801393	-1.24783	0.292964	0.851226	-1.17478	2.72406	0.940474	0.306886	1
cg20666271	0.752614	0.944962	-1.05824	0.193276	1.2795	1.2795	0.521509	0.890187	-1.12336	0.229369	1.25334	1.25334	2.72405	1.38286	0.451244	1
cg24482286	0.740609	1.11443	1.11443	0.101829	1.79331	1.79331	0.207104	0.647983	-1.54325	0.443237	0.774957	-1.29039	2.72402	4.58859	1.49733	1
cg17858911	0.0201896	0.3575	-2.7972	0.589692	0.818806	-1.22129	0.659969	1.17653	1.17653	0.19919	1.6456	1.6456	2.72397	5.81645	1.89803	1
cg03141090	0.665868	0.903478	-1.10683	0.0637561	1.62727	1.62727	0.0618106	1.63462	1.63462	0.424961	1.20969	1.20969	2.72397	2.35488	0.768448	1
cg13549940	0.433052	0.56121	-1.78186	0.00720924	0.0817577	-12.2313	0.0555528	0.208755	-4.7903	0.217828	0.392177	-2.54987	2.72396	22.4917	7.33953	1
cg00989226	?	?	?	0.0768134	0.412075	-2.42674	0.372627	1.50259	1.50259	0.0176978	0.267435	-3.73922	3.09476	5.23325	2.36741	1
cg10878768	0.0715367	0.762329	-1.31177	0.0733013	0.763893	-1.30908	0.0782163	1.30195	1.30195	0.889359	0.981404	-1.01895	2.72393	0.784582	0.25603	1
cg11598054	0.732928	1.08522	1.08522	0.0295706	0.542432	-1.84355	0.549355	1.15564	1.15564	0.406181	0.816356	-1.22496	2.72392	2.45961	0.802637	1
cg07148743	0.0477787	0.186786	-5.35373	0.0226608	0.132293	-7.55899	0.0416215	0.175291	-5.70479	0.0950984	0.256769	-3.89456	2.7239	23.7074	7.73645	1
cg07323947	0.456437	0.657926	-1.51993	0.0255087	0.231051	-4.32805	0.695054	0.804556	-1.24292	0.0717555	0.329647	-3.03355	2.72389	13.1446	4.28947	1
cg08574758	0.495013	1.17519	1.17519	0.737619	0.924654	-1.08149	0.116222	1.48844	1.48844	0.12223	0.676892	-1.47734	2.72389	2.34178	0.764196	1
cg05345876	0.280302	0.485279	-2.06067	0.0263482	0.183245	-5.45718	0.0459191	0.229007	-4.36668	0.103703	0.317789	-3.14674	2.72388	17.9058	5.84323	1
cg15817481	0.0850008	0.807109	-1.23899	0.164237	1.18175	1.18175	0.942294	0.991887	-1.00818	0.548458	1.07071	1.07071	2.72388	0.546181	0.178236	1
cg08170950	0.719554	1.24206	1.24206	0.699508	1.26261	1.26261	0.687895	1.27479	1.27479	0.031376	0.219162	-4.56284	2.72388	15.5933	5.08859	1
cg08354908	0.787833	1.0674	1.0674	0.641383	0.892776	-1.1201	0.810228	1.05989	1.05989	0.110799	0.656975	-1.52213	2.72388	2.5222	0.823075	1
cg09663584	0.222704	0.645243	-1.5498	0.299905	0.692587	-1.44386	0.480533	0.782555	-1.27787	0.0263669	0.406384	-2.46072	2.72388	5.04355	1.64587	1
cg06819605	0.249838	0.683608	-1.46283	0.155937	1.61628	1.61628	0.233809	1.48408	1.48408	0.817273	0.929413	-1.07595	2.72387	4.31565	1.40834	1
cg13858611	0.102119	0.209298	-4.77787	0.00644194	0.0451689	-22.1391	0.126354	0.235588	-4.2447	0.0386678	0.123268	-8.11242	2.72387	32.9671	10.7583	1
cg05965277	0.0816114	0.123055	-8.12645	0.023197	0.0525471	-19.0305	0.0770631	0.118357	-8.44903	0.130758	0.170096	-5.87902	2.72387	50.8366	16.5897	1
cg02633309	0.435418	1.13086	1.13086	0.170352	0.797994	-1.25314	0.0673697	1.37267	1.37267	0.0481844	1.41758	1.41758	2.72386	1.03025	0.336207	1
cg22449085	0.0545656	0.41637	-2.40171	0.375594	0.693955	-1.44102	0.303315	0.651575	-1.53474	0.113568	0.500695	-1.99723	2.75619	6.26333	2.27246	1
cg17734137	0.297804	0.464221	-2.15415	0.037556	0.179864	-5.55976	0.0187792	0.132074	-7.57152	0.0279489	0.157785	-6.33776	2.72381	21.8083	7.11695	1
cg18233311	0.0121456	0.629463	-1.58866	0.298045	0.852366	-1.17321	0.116045	0.776521	-1.2878	0.198973	0.817921	-1.22261	2.7238	0.945958	0.308705	1
cg00531965	0.375692	1.60868	1.60868	0.116904	2.4369	2.4369	0.615564	0.767393	-1.30311	0.0136837	0.203023	-4.92555	2.72377	11.7961	3.84961	1
cg06440160	0.141904	0.506042	-1.97612	0.488876	1.35427	1.35427	0.362469	1.4974	1.4974	0.715541	1.17101	1.17101	2.72374	8.02564	2.61916	1
cg24193855	0.862263	0.965627	-1.0356	0.252178	1.27244	1.27244	0.255311	1.27025	1.27025	0.101566	1.43485	1.43485	2.72371	1.75016	0.571169	1
cg03928690	0.713871	0.935322	-1.06915	0.0187332	1.6774	1.6774	0.067466	1.45064	1.45064	0.736243	0.940463	-1.06331	2.72367	1.4221	0.464114	1
cg12906108	0.255471	0.223666	-4.47095	0.0429893	0.0529798	-18.8751	0.237843	0.210175	-4.75794	0.0320804	0.0421069	-23.7491	2.72365	68.6455	22.4031	1
cg26784162	0.778135	0.905652	-1.10418	0.161161	1.69053	1.69053	0.899586	1.04529	1.04529	0.892806	0.9538	-1.04844	2.72364	5.30959	1.73284	1
cg15575967	0.562996	1.29519	1.29519	0.0320586	3.03685	3.03685	0.0843057	2.32723	2.32723	0.327565	1.56364	1.56364	2.72363	8.43927	2.75425	1
cg26325880	0.114203	0.623691	-1.60336	0.0196654	0.461037	-2.16902	0.508281	1.20249	1.20249	0.267171	0.727883	-1.37385	2.72363	3.25646	1.06279	1
cg03009524	0.427637	0.787611	-1.26966	0.0206167	2.27493	2.27493	0.604997	1.16628	1.16628	0.206755	0.675337	-1.48074	2.72358	3.74873	1.22347	1
cg15201399	0.870254	1.03247	1.03247	0.379054	1.19289	1.19289	0.554029	0.889594	-1.12411	0.363307	1.20034	1.20034	2.72356	1.64779	0.53779	1
cg10516057	0.712303	1.2509	1.2509	0.0572427	0.272509	-3.6696	0.374176	1.73555	1.73555	0.834169	1.13509	1.13509	2.72352	15.7567	5.1426	1
cg21887778	0.702365	1.06059	1.06059	0.309875	0.851293	-1.17468	0.371298	1.15102	1.15102	0.395351	1.14267	1.14267	2.72351	1.01252	0.330463	1
cg01153737	0.223862	1.24453	1.24453	0.0134021	1.68924	1.68924	0.523647	0.895256	-1.117	0.794488	0.956293	-1.0457	2.72351	1.26418	0.412598	1
cg00946598	0.0881964	0.369833	-2.70393	0.00435115	0.133405	-7.49599	0.116974	0.406415	-2.46054	0.246508	0.526908	-1.89786	2.72349	12.0574	3.93527	1
cg02965078	0.145315	0.461081	-2.16882	0.658152	0.802157	-1.24664	0.048969	0.328602	-3.04319	0.0300189	0.282634	-3.53815	2.72346	10.5716	3.45038	1
cg23420536	0.325786	1.21944	1.21944	0.00676034	0.50333	-1.98677	0.146361	0.737213	-1.35646	0.476624	1.15202	1.15202	2.72345	1.64924	0.538286	1
cg24448259	0.35977	0.744969	-1.34234	0.921107	1.03146	1.03146	0.943302	0.978006	-1.02249	0.632856	1.1624	1.1624	2.72344	4.21709	1.37639	1
cg16276290	0.599556	1.0885	1.0885	0.051398	1.4262	1.4262	0.0548847	1.41692	1.41692	0.0145928	1.61841	1.61841	2.72342	1.10508	0.360682	1
cg02584939	0.349876	1.35977	1.35977	0.427917	1.29497	1.29497	0.101364	0.563901	-1.77336	0.0344294	0.454819	-2.19868	2.7234	4.3993	1.43589	1
cg19012731	0.48009	1.11263	1.11263	0.075321	0.744977	-1.34232	0.0280769	1.47063	1.47063	0.759348	0.955345	-1.04674	2.7234	0.953424	0.311188	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. 537 vs. N)	Fold-Change(527T vs. 537 vs. N)	p-value(537T vs. 377 vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(563T vs. 637 vs. N)	Fold-Change(563T vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg16002441	PPYA1;UNC78	0.0865429	0.182775	0.64933	-1.54836	0.0385897	2.0974	2.0974	0.14322	1.62636	0.626336	0.3994646	0.30561	1.302651	0.2284444	0.7118822	1.404685	0.449852	1.02877	1.26877	0.0301175	0.454558	-2.19994	0.553562	1.203954	1.203954	0.3318505	0.7233112	-1.38291	2.72339	4.12221	1.34545	1
cg09257975	HSPA1B	0.0865436	0.223416	0.513869	-1.96602	0.0304401	3.75814	3.75814	0.115941	2.43341	0.0357131	0.28024	-1.56837	0.489804	1.44183	1.44183	0.513375	0.708231	-1.41197	0.246394	1.87933	1.87933	0.0395133	1.22368	1.22368	0.285251	0.5612	-1.7819	2.72338	11.6841	3.81361	1
cg06744003	RPL22	0.0865445	0.188732	0.813931	-1.22861	0.225898	1.20685	1.20685	0.410479	1.13251	1.13251	0.616543	1.0775	1.0775	0.694597	1.06008	1.06008	0.170235	0.805773	-1.24104	0.00558325	1.71276	1.71276	0.903224	1.01815	1.01815	0.156747	1.25099	1.25099	2.72337	0.942822	0.307731	1
ch.11.14344368MIR;21;MRPL21	0.0865461	0.0990472	0.426655	-2.34381	0.0325714	0.307918	-3.24681	0.16713	2.00107	2.00107	0.934284	0.776285	-1.28817	0.0950883	0.421525	-2.37236	0.355557	1.56459	1.56459	0.022893	0.277428	-3.60454	0.455634	0.609137	-1.43034	0.712864	0.840211	-1.19018	2.72335	9.56909	3.12331	1
cg08808959	HDAC4	0.0865467	0.754988	0.909275	-1.09978	0.00420512	3.20489	3.20489	0.532091	1.21201	1.21201	0.941596	0.977985	-1.02251	0.968109	0.987927	-1.01222	0.280547	1.40604	1.40604	0.208168	0.668208	-1.49654	0.096045	1.12668	1.12668	0.1274	0.60603	-1.65008	2.72334	3.98112	1.29943	1
cg12078885	SCARB1;SCARB1	0.0865472	0.996669	0.998093	1.00151	0.00621347	5.11081	5.11081	0.126194	2.13097	2.13097	0.512725	1.35469	1.35469	0.104661	0.444417	-2.25014	0.636796	0.804535	-1.24295	0.447034	0.701607	1.4253	0.281993	1.66736	1.66736	0.612344	0.791679	-1.26314	2.72333	0.81052	0.294362	1
cg19579160	ZAK;ZAK	0.0865485	0.0362297	0.360079	-2.73165	0.102821	0.478786	-2.08861	0.171259	0.548196	-1.82416	0.2511	0.609675	-1.64022	0.0211722	0.318657	-3.13817	0.321899	0.65555	-1.52544	0.0166811	0.2994O2	-3.33999	0.0661435	0.427177	-2.34095	0.0827844	0.452598	-2.20947	2.72331	7.34467	2.3973	1
cg01113878	CforS1	0.0865504	0.164551	0.262295	-3.90174	0.00902385	0.0932911	-4.5451	0.0307042	0.0954332	-4.04785	0.177911	0.268656	-3.72223	0.234837	0.318784	-3.13492	0.139019	0.228283	-4.38424	0.0558895	0.660782	-1.51336	0.0856598	0.17481	-5.72049	0.0706353	1.41551	1.41551	2.72329	36.3532	13.8658	1
cg23406660	KSR2	0.0865549	0.542669	1.17204	1.17204	0.0885594	1.62244	1.62244	0.209975	1.46544	1.46544	0.15408	1.75828	1.47832	0.147832	0.0421167	0.555234	1.80104	0.152056	1.6248	1.6248	0.402939	0.802119	-1.2467	0.133787	1.50885	1.50885	0.57223	1.50885	2.72328	2.86228	0.934275	1
cg21646667	HK3	0.0865584	0.318119	0.794959	-1.25793	0.0184651	0.529657	-1.88801	0.0166197	0.521837	-1.91631	0.8865	0.96874	-1.03227	0.0147505	0.513073	-1.94904	0.467012	0.848244	-1.17801	0.852124	1.04237	1.04237	0.609284	0.891696	-1.12146	0.862581	0.962207	-1.03928	2.72318	2.13277	0.696169	1
cg08695596	RSPH1	0.0865596	0.328419	0.64087	-1.56046	0.0166156	1.05671	1.05671	0.853906	1.0679	1.0679	0.996169	0.997657	-1.00236	0.996169	0.997657	-1.00236	0.122607	2.29341	2.29341	0.151941	1.60009	0.312826	0.891556	1.05211	1.05211	0.0898199	1.19505	1.19505	2.72317	10.7656	2.87841	1
cg13405782	DEFB124	0.0865601	0.0432244	0.231449	-4.32622	0.805667	1.16767	1.16767	0.658073	0.755377	-1.32384	0.598241	0.425215	-2.35175	0.0423422	0.229291	4.36126	0.123632	0.349807	-2.85872	0.0201212	0.171051	-5.84621	0.020973	0.173677	-5.75782	0.31932	0.522984	-1.9121	2.72316	17.1094	5.58481	1
cg01208557	NTM;NTM;NTM;NTM	0.0865614	0.0477831	0.6049888	-1.49239	0.418095	0.863746	-1.15775	0.148924	1.33554	1.33554	0.0921134	0.720206	-1.38849	0.0119329	0.573784	-1.74286	0.218301	1.23851	1.23851	0.126995	0.763567	1.07367	0.678651	0.928902	-1.07654	0.911423	0.980493	-1.01989	2.72314	1.35154	0.441568	1
cg01205584	SYT1;SYT1	0.0865618	0.798658	1.04313	1.04313	0.857577	-1.16608	0.0723632	1.39268	1.39268	1.39268	0.0189998	0.625506	-1.59857	0.239181	1.25833	1.25833	0.218301	1.23851	1.23851	0.126995	0.763567	-1.31344	0.625628	0.822239	-1.21619	0.386605	0.863633	-1.1579	2.72314	1.17687	0.384156	1
cg25535257	SPTB1;SPTB1	0.0865619	0.0275685	0.3378944	-2.95951	0.0701877	0.430456	-2.32312	0.766096	0.883148	-1.13231	0.307066	0.643838	-1.55319	0.0150506	0.287944	-3.4729	0.298541	0.638454	-1.56628	0.0447439	0.383109	-2.61022	0.105762	0.479113	-2.08712	0.0509518	0.396197	-2.524	2.72314	0.74861	0.244117	1
cg20655068	NOTCH4	0.0865624	0.355446	0.626201	-1.59691	0.341107	0.691691	-1.62103	0.220294	0.802613	0.389954	1.24607	0.282613	1.54469	-1.04179	0.120155	0.430256	-2.32611	0.0492585	0.180262	0.0494308	0.402013	-2.48703	0.0494308	0.140889	0.430003	-2.32556	0.250086	0.553298	-1.80734	2.72314	10.4579	3.41367	1
cg14487577	MIR133B	0.0865646	0.583265	0.806963	-1.23921	0.0307594	0.374503	-2.67021	0.0104849	0.287373	-3.4798	0.394246	0.713342	-1.40185	0.719645	0.878884	-1.13781	0.80393	0.908199	-1.10108	0.897271	0.951227	-1.05127	0.0136227	0.306842	-3.25901	0.995873	0.998	-1.002	2.7231	6.4627	2.10959	1
cg11344005	KLHDC7B	0.0865662	0.0454617	2.55461	2.55461	0.0894585	2.33754	2.33754	0.0637164	2.53682	2.53682	0.163843	1.96198	1.96198	0.0404362	2.92522	2.92522	0.328625	0.632943	-1.57992	0.0744225	0.246363	4.06363	0.120547	2.16643	2.16643	0.0447582	2.84357	2.84357	2.72308	8.87434	2.89683	1
cg02676889	WDR62	0.0865662	0.838985	1.08525	1.08525	0.0104354	1.11556	1.11556	0.0273745	0.497077	-2.01176	0.824834	0.166717	1.06117	0.604436	0.965833	1.15023	0.512076	1.19492	1.19492	0.0064048	2.56885	2.56885	0.544316	1.17862	1.17862	0.384473	1.26974	1.26974	2.72308	3.09336	1.00976	1
cg06152434	SOX1;SOX3	0.0865671	0.0116953	0.123286	-8.11121	0.953291	0.961826	-1.03969	0.604053	0.706371	-1.41569	0.25177	2.21563	2.21563	0.190211	0.397799	-2.51383	0.0259859	0.172752	-5.78864	0.733392	1.25505	1.25505	0.335701	1.93404	1.93404	0.59043	1.4348	1.4348	2.72307	19.0405	6.21537	1
cg15839918	HRK	0.0865682	0.660249	1.13332	1.13332	0.0104356	0.782408	-1.27824	0.0736373	0.606865	-1.64864	0.0900564	-2.70956	0.614636	1.12645	1.12645	0.160481	0.854309	1.17033	1.17033	0.160481	0.854309	0.99933	1.46765	0.681353	1.46765	0.440393	0.56827	-1.75971	0.312	3.452	1.12684	1
cg10706443	FYN	0.0865693	0.171951	0.486679	-2.05474	0.0718304	2.70575	2.70575	0.538447	1.36135	1.36135	0.782401	0.871863	-1.14697	0.0857374	0.390401	-2.56147	0.658115	1.24679	1.24679	0.0656657	0.359488	-2.78172	0.271942	1.76188	1.76188	0.0413562	0.311818	-3.207	2.72302	10.5787	3.45324	1
cg20899093	SPAR72	0.0865709	0.596745	0.815157	1.04135	0.0352995	0.0262644	-1.53223	0.0466276	0.442042	-2.25763	0.0134808	0.0275542	1.64118	0.0159942	0.0442184	2.26131	0.454939	0.228856	-1.22003	0.0352152	0.193285	0.193285	0.0208623	0.528315	-1.89281	0.597907	0.876454	-1.14096	2.72302	2.40402	0.882131	1
cg12146864	LRP1	0.0865745	0.585761	0.697004	-1.43471	0.923145	1.06675	1.06675	0.378793	1.80809	1.80809	0.786187	1.19524	1.19524	0.0236198	0.169881	5.88646	0.248084	0.452932	2.20784	0.366387	0.545525	-1.8331	0.0123127	7.72578	7.72578	0.654579	1.3439	1.3439	2.72297	18.5542	6.05686	1
cg18553292	MRPL54;APBA3	0.0865781	0.0056697	0.523566	-1.90343	0.38179	0.85292	-1.17244	0.899037	0.977739	-1.02277	0.16728	0.770209	-1.29835	0.698159	1.07135	1.07135	0.0813149	0.709847	-1.40875	0.840964	1.03628	1.03628	0.61746	0.914565	-1.09342	0.133262	1.33276	1.33276	2.72289	1.35649	0.442828	1
cg20539283	DPP4	0.0865819	0.0353923	0.2884	-3.46677	0.0219796	0.0262644	-1.53223	0.0466276	0.442042	-2.25763	0.0134808	0.0275542	1.64118	0.0159942	0.0442184	2.26131	0.7716232	0.899832	-1.1112	0.0201955	0.313394	-1.18532	0.0384518	1.1326	0.0201955	1.19068	2.39069	2.39069	0.745767	0.888708	-1.12523	0.58727	1
cg00208461	MTCH2	0.0865821	0.0672336	1.39955	1.39955	0.0132845	1.6534	1.6534	0.039055	1.47913	1.47913	0.596692	0.916198	-1.09147	0.410417	1.14793	1.14793	0.517496	1.11354	1.11354	0.197626	0.799963	-1.25006	0.582313	0.912983	-1.09531	0.834946	0.966383	-1.03479	2.72287	1.1583	0.378132	1
cg18158419	FIS1	0.0865822	0.0247332	0.286294	1.49293	0.0134207	0.284006	-3.52105	0.0177487	0.47781	-2.09288	0.670728	0.301678	1.44516	0.0499977	0.351594	-2.84467	0.26606	0.663549	-1.7955	0.0570358	0.396769	-2.72651	0.0648297	0.377891	-2.64626	0.0463517	0.348889	-2.87091	2.72287	9.43479	3.68002	1
cg18020065	RASA3	0.0865826	0.135616	0.60597	1.30097	0.0377111	1.54813	1.54813	0.131216	1.98565	-1.98565	0.457336	1.67857	1.67857	0.97455	-1.03722	1.03722	0.23027	1.36618	1.36618	0.0999696	1.00026	1.00026	0.307135	0.273737	0.66112	0.16612	0.128428	1.07876	3.07876	1.72286	0.59227	1
cg20017590	SPTBN1;SPTBN1	0.0865829	0.088166	0.205379	-4.86906	0.932589	0.931302	-1.07377	0.115887	3.86498	3.86498	0.996125	0.995918	-1.0041	0.0167457	0.0857401	-11.6632	0.144071	0.267075	-3.74426	0.247258	0.361414	-2.76691	0.0412783	0.138015	-7.24557	0.188512	0.309714	-3.22879	2.72286	30.5191	9.96307	1
cg13980050	KCNH8	0.0865841	0.945643	1.04082	1.04082	0.0628	0.0742403	-13.4683	0.0744946	0.0742403	-13.4683	0.0744946	0.0742403	-13.4683	0.0744946	0.0742403	-13.4683	0.0744946	0.550727	1.20781	1.20781	0.308382	-2.81026	0.996231	1.18203	1.18203	0.725476	1.11657	1.11657	2.72284	4.21816	1.37705	1
cg18230417	CAMTA1;CAMTA1	0.0865878	0.27149	1.40517	1.40517	0.284538	0.718762	-1.39128	0.0346639	2.10682	2.10682	0.026032	2.22915	2.22915	0.197357	1.30923	1.30923	0.123794	0.607512	-1.64606	0.632197	0.867122	-1.15324	0.184158	1.52173	1.52173	0.164198	1.55701	1.55701	2.72282	3.93297	1.05171	1
cg00142933	LIMS2;LIMS2;LIMS2;LIMS2	0.0865879	0.0156463	0.153633	-6.50788	0.0716316	0.0185468	-5.39206	0.0144148	0.0185468	-5.39206	0.0144148	0.0185468	-5.39206	0.0144148	0.0185468	-5.39206	0.0144148	0.0405078	0.154554	-6.47128	0.0308824	1.57009	0.636084	1.57009	0.636084	1.57009	0.636084	1.57009	0.636084	2.72282	1.03592	0.380459	1
cg05281326	NANOS3	0.0865901	0.0859	0.283983	0.855384	-1.16907	0.0438506	1.38417	1.38417	0.133946	1.25462	1.25462	0.739306	0.954214	-1.04708	0.481271	0.904421	1.10568	0.634398	1.06954	1.06954	0.0157529	1.51475	1.51475	0.0510317	1.366	1.366	0.98111	0.996683	1.00333	2.72277	0.84928	0.27726	1
cg05647431	SNED1	0.0865901	0.315537	1.22578	1.22578	0.0536603	1.5362	1.5362	0.595486	1.11032	1.11032	0.15977	1.34096	1.34096	0.258707	0.794412	-1.25879	0.693646	1.07865	1.07865	0.817077	1.04629	1.04629	0.0153608	0.559318	-1.78789	0.201267	0.768291	-1.30159	2.72277	1.64487	0.536993	1
cg04421817	BRD4;BRD4	0.0865905	0.478301	1.22972	1.39387	0.252969	1.02644	-1.53223	0.0466276	0.442042	-2.25763	0.0134808	0.0275542	1.64118	0.0159942	0.0442184	2.26131	0.454939	0.228856	-1.22003	0.0352152	0.193285	0.193285	0.0208623	0.528315	-1.89281	0.597907	0.876454	-1.14096	2.72277	2.40402	0.882131	1
cg20731384	KNDC1	0.0865916	0.80254	0.949336	-1.05337	0.0249479	2.79091	2.79091	0.00625297	3.93784	3.93784	0.718076	0.869824	-1.14966	0.335852	0.682673	-1.46483	0.805019	0.909244	-1.09981	0.9259	1.03643	1.03643	0.379707	1.41431	1.41431	0.611643	0.821223	-1.2177	2.72275	6.3808	2.08313	1
cg16482350	VPS52;RPS18	0.0865923	0.0322338	0.4566227	-2.19139	0.143225	0.923446	-1.08234	0.124584	0.828423	-1.59128	0.862277	0.744838	-1.34249	0.0414313	0.519617	-1.92469	0.740484	0.911501	-1.09709	0.618335	0.678952	-1.47303	0.0498255	0.155	-6.45161	0.721245	0.863649	-1.15754	2.72274	3.31848	1.00644	1
cg04695635	GRIK5	0.0865923	0.700353	0.941313	-1.06235	0.736683	0.948587	-1.0542	0.429999	0.881622	-1.13427	0.749011	0.951035	-1.05149	0.608382	0.08418	1.08418	0.274735	0.658342	-1.5189	0.00730543	1.71773	1.71773	0.572113	1.09339	1.09339	0.985362	1.00287	1.00287	2.72274	1.0548	0.34436	1
cg02996291	KLC2;RAB18;KLC2;KLC2;KLC2	0.0865924	0.452476	1.09278	1.09278	0.0299112	0.743697	-1.34463	0.896751	0.985064	-1.01516	0.408791	0.906712	-1.10289	0.366939	0.898134	-1.11342	0.0423363	0.762576	-1.31134	0.270182	0.87539	-1.14235	0.83567	1.02403	1.02403	0.00800069	0.679893	-1.47082	2.72274	0.579401	0.189157	1
cg16682950	ABCB5	0.0865924	0.897683	1.03317	1.03317	0.696387	0.923146	-1.08317	0.0732112	0.828423	-1.59128	0.862277	0.744838	-1.34249	0.0414313	0.519617	-1.92469	0.740484	0.911501	-1.09709	0.618335	0.678952	-1.47303	0.0498255	0.155	-6.45161	0.721245	0.863649	-1.15754	2.72274	3.31848	1.00644	1
cg04729482	APBB1IP	0.0865946	0.0557338	0.19387	4.19387	0.152994	0.764811	-1.76481	0.193805	0.248257	-2.48257	0.514306	0.154865	1.54865	0.704265	0.708026	1.41222	0.0423363	0.762576	-1.31134	0.270182	0.87539	-1.14235	0.83567	1.02403	1.02403	0.00800069	0.679893	-1.47082	2.72274	0.579401	0.189157	1
cg25932239	SNRNP35;SNRNP35;SNRNP35	0.0865947	0.0179452	0.2884	-3.46677	0.0219796	0.0262644	-1.53223	0.0466276	0.442042	-2.25763	0.0134808	0.0275542	1.64118	0.0159942	0.0442184	2.26131	0.7716232	0.899832	-1.1112	0.0201955	0.313394	-1.18532	0.0384518	1.1326	0.0201955	1.19068	2.39069	2.39069	0.745767	0.888708	-1.12523	0.58727	1
cg08302088	C1QC;C1QC	0.0865981	0.650222	0.93321	-1.07157	0.0735196	1.35274	1.35274	0.25041	1.21283	1.21283	0.993004	0.998673	-1.00133	0.0999152	0.761004	-1.3139	0.207656	0.817759	-1.22285	0.0114121	1.61517	1.61517	0.43398	1.1285	1.1285	0.77795	1.04374	1.04374	2.72266	0.988721	0.322795	1
cg20668887	NCP10	0.0865983	0.291266	0.77893	-1.28391	0.0494931	0.604524	-1.65359	0.106854	1.49965	1.49965	0.12334	1.49965	0.682747	-1.46425	0.0994997	1.35159	0.241958	0.503711	-1.98561	0.0442104	0.542284	1.84324	0.153185	0.513374	1.94811	0.161512	0.622565	1.60626	2.72266	0.54506	0.200103	1
cg19447794	MXRN2	0.0865984	0.826374	0.974865	-1.02578	0.771275	1.03435	1.03435	0.0946267	1.64242	1.64242	0.155211	1.88832	-1.1916	0.544511	0.91383	-1.0943	0.244924	1.3136	1.3136	0.0491383	1.0943	1.0943	0.0148311	1.0111	1.0111	0.229559	1.07898	1.07898	2.72259	0.579084	0.18903	1
cg18625409	EYA4;EYA4;EYA4	0.0866041	0.288801	0.755176	-1.32419	0.00833799	0.423263	-2.3626	0.57076	0.864068	-1.15732	0.681366	1.11102	1.11102	0.113716	0.644772	-1.55094	0.528171	1.17701	1.17701	0.215037	1.39489	1.39489	0.118272	1.54108	1.54108	0.841523	1.05238	1.05238	2.72258	2.80407	0.915493	1
cg09985330	RFWD3	0.0866047	0.945643	1.04082	1.04082	0.0628	0.0742403	-13.4683	0.0744946	0.0742403	-13.4683	0.0744946	0.0742403	-13.4683	0.0744946	0.0742403	-13.4683	0.0744946	0.550727	1.20781	1.20781	0.308382	-2.81026	0.996231	1.18203	1.18203	0.725476	1.11657	1.11657	2.72284	4.21816	1.37705	1
cg25648121	ARHGAP23	0.0866047	0.228845	0.790554	-1.26494	0.155314	0.753527	-1.32709	0.62482	1.09606	1.09606	0.609365	0.908546	-1.10066	0.143925	1.33935	1.33935	0.038744	1.56149	1.56149	0.0159216	1.73221	1.73221	0.465254	1.14832	1.14832	0.45053	1.15382	1.15382	2.72254	1.49339	0.487581	1
cg18194965	SHOX2;SHOX2;SHOX2	0.0866072	0.95237	0.976019	-1.02505	0.539524	1.37096	1.37096	0.0165478	1.93012	1.93012	0.243863	1.84654	1.84654	0.530615	0.727041	-1.37544	0.705399	0.826466	-1.20997	0.0753987	0.33093	-2.70048	0.0219855	0.346299	0.862899	0.0992388	0.999538	-1.00448	2.72254	0.81459	0.29942	1
cg22596557	TRIOBP;TRIOBP;TRIOBP	0.0866076	0.913345	0.980735	-1.01966	0.0741074	0.700689	-1.42717	0.398966	0.856996	-1.16687	0.826863	0.961609	-1.03992	0.0967481	0.515054	-1.94177	0.944855	0.945895	-1.0572	0.8215897	0.630576	-1.6378	0.0774478	0.142816	1.42016	0.821541	1.04015	1.0412	1.0412	2.72254	1.37713	0.449622	1
cg13832372	LHX6;LHX6	0.0866084	0.0800356	0.440886	-2.26816	0.232634	0.589914	-1.69516	0.157083	0.528304	-1.89285	0.850887	0.923713	-1.08259	0.107302	0.360326	-2.77527	0.076009	0.434916	-2.2993	0.0755691	0.217765	-4.59211	0.253449	0.606088	-1.64993	0.918234	0.957625	-1.04425	2.72253	7.66665	2.50312	1
cg25346698	RPL22	0.0866084	0.0834412	0.3284	-3.04531	0.0178436	0.0262644	-1.53223	0.0466276	0.442042	-2.25763	0.0134808	0.0275542	1.64118	0.0159942	0.0442184	2.26131	0.1330717	0.284127	-3.51956	0.0626804	0.0994184	0.0994877	-10.5834	0.0994877	-10.0562	0.117281	-8.52651	0.133147	0.265102	2.72252	0.90924	0.33403	1
	KIAA0040;KIAA0040;KIAA0040;KIAA004																															
cg00099768	0;KIAA0040;KIAA0040	0.0866093	0.012508	0.560962	-1.78265	0.0379328	0.639032	-1.56487	0.492148	0.878262	-1.13861	0.176463	0.765381	-1.30654	0.0604025	0.674334	-1.48294	0.417715	0.857192	-1.1666	0.0206163	0.595237	-1.68	0.096398	0.712009	-1.40448	0.508029	0.882784	-1.13278	2.72251	1.49284	0.487405	1
cg26832154	TMEM191A	0.0866111	0.510645	1.10012	1.10012	0.0579271	1.35874	1.35874	0.884163	1.02107	1.02107	0.395254	1.1326	1.1326	0.13135	1.2302	1.2302	0.040773	1.40178	0.0192695	0.667087	-1.49906	0.882941	1.02129	1.02129	0.603499	0.927806	-1.07781	2.72249	0.881803	0.287907	1
cg24013954	ADCK2	0.0866119	0.245619	1.67182	1.67182	1.002222	0.466662	-2.14288	0.0320009	0.345321	-2.89586	0.552845	1.28928	1.28928	0.225047	0.583181	-1.71473	0.400737	0.694888	-1.43908	0.683735	1.18926	1.18926	0.0337555	2.85582	2.85582	0.415908	1.42175	1.42175	2.72248	7.72219	2.52129	1
cg27534424	XRN2	0.0866123	0.787829	1.12773	1.12773	0.0704946	1.82807	1.82807	0.0533377	1.55387	1.55387	0.0855794	0.845176	-2.07651	0.0276354	0.710196	-1.40764	0.516668	0.872944	-1.14555	0.380045	0.833233	-1.20014	0.867096	1.03522	1.03522	0.158176	0.704169	-1.42029	2.72245	1.84182	0.60136	1
cg21333665	UNC13D;UNC13D	0.0866166	0.067265	0.584412	-1.71112	0.78841	1.073	1.073	0.256305	0.733177	-1.36393	0.752085	1.09689	1.09689	0.0099763	0.42645	-2.34494	0.0335751	0.521903	-1.91606	0.84646	1.00551	1.00551	0.956507	-1.04547	0.0633944	0.578792	-1.72774	2.72242	2.95825	0.965891	1
cg26985049	ZNF385A;ZNF385A	0.0866169	0.618336	0.848152	-1.17866	0.0413748	0.547375	-1.82672	0.0567497	0.641375	-1.55896	0.0759373	0.65973	-1.51564	0.0924253	0.514154	-1.94526	0.508043	0.782662	-1.27784	0.0454863	0.575596	-1.73737	0.0246357	0.470104	-2.12646	0.0454153	0.780721	-1.28087	0.1193	2.72242	0.45961	0.168821	1
cg26320107	DLGAP2	0.0866177	0.0085907	-1.06531	-9.3869	0.481224	0.41267	-2.42324	0.322261	0.282486	-3.54	0.223879	0.206027	-4.85374	0.0584787	0.0711519	-14.0544	0.0317196	0.044466	-22.4891	0.0115879	0.0201981	-49.5096	0.0341125	0.0470288	-21.2636	0.109572	0.1157	8.64303	2.72241	0.95401	21.5175	1
cg07405178	RARB;RARB	0.0866171	0.402934	0.657886	-1.52002	0.0151225	4.30707	4.30707	0.00727179	5.45286	5.45286	0.759105	1.16238	1.16238	0.797751	1.13385	1.13385	0.461874	1.44255	1.44255	0.947054	0.968034	-1.03302	0.727794	1.18642	1.18642	0.143506	2.15754	2.15754	2.72241	10.3185	3.36906	1
cg20969141	MEOX2	0.0866173	0.0490412	0.2884	-3.46677	0.0219796	0.0262644	-1.53223	0.0466276	0.442042	-2.25763	0.0134808	0.0275542	1.64118	0.0159942	0.0442184	2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg02035739	PBRX2	0.0867261	0.112533	0.681461	-1.46528	0.0528719	1.02678	1.62678	0.846354	1.04384	1.04384	1.04384	0.45786	1.18209	1.18209	0.0972074	1.57403	1.57403	0.734212	0.927405	-1.07828	0.908262	1.02582	1.02582	0.144438	0.707023	-1.41438	0.0309443	1.75467	1.75467	2.72098	2.10754	0.68849	1
cg10572794	MDH6;ABHD6	0.0867294	0.137469	0.83638	-1.19563	0.1116697	1.02.84074	-1.21348	0.336863	0.895295	-1.11695	0.1288	0.83248	-1.20123	0.173268	1.17569	1.17569	0.268976	0.879333	-1.13723	0.0214177	0.73437	-1.36171	0.366181	1.10927	1.10927	0.0547091	0.783954	-1.27558	2.02098	2.02098	0.537636	0.175637	1
cg14503844	LOC400927	0.0867294	0.14652	0.430524	-2.32275	0.108107	2.58049	2.58049	0.548555	0.720168	-1.38856	0.253966	1.90445	1.90445	0.00917839	0.167128	-5.98345		0.0994738	0.37665	-2.65498	0.389531	0.620746	-1.61097	0.703164	0.812994	-1.23002	0.9663731	1.02281	1.02281	2.02294	12.6016	4.11674	1
cg14200530	AKNA	0.0867923	0.0695751	0.288366	-3.46782	0.0650984	0.28133	-3.55695	0.200277	0.362508	-2.29308	0.150243	0.34878133	-2.57246	0.05103572	0.256235	-3.90233		0.1228386	0.3649994	-2.7397	0.0203852	0.1797056	-5.56465	0.0160241	0.164279	-6.0872	0.198852	0.435253	-2.29752	2.72092	16.7951	5.28451	1
cg24713343	OSBPL9;OSBPL9;OSBPL9;OSBPL9 MIR9122;SARS2;MIR9122;MIR9121;SARS2	0.0867319	0.0602691	1.3905	1.3905	0.391308	1.14642	1.14642	0.0753517	1.36073	1.36073	0.654094	0.932238	-1.07269	0.091643	0.749052	-1.33502		0.708698	1.06012	1.06012	0.264417	0.8344664	-1.19837	0.176512	1.25048	1.25048	0.0333638	1.47231	1.47231	2.7209	1.04298	0.38073	1
cg21989094	2	0.0867393	0.94865	0.989574	-1.01054	0.607224	1.08804	1.08804	0.86244	0.972173	-1.02862	0.574357	1.09674	1.09674	0.2600884	1.21065	1.21065		0.856436	1.02091	1.02091	0.0035378	0.5255513	-1.9029	0.2475115	1.21744	1.21744	0.2076115	0.8055553	-1.24138	2.72081	1.14105	0.372783	1
cg01119564	SEPSECS;SEPSECS;SEPSECS	0.0867409	0.638443	1.16045	1.16045	0.879576	1.05134	1.05134	0.0135262	0.382488	-2.61446	0.127244	1.67963	1.67963	0.509174	0.8101133	-1.23437		0.0600288	0.513213	-1.94851	0.0408679	0.4760989	-2.10045	0.899977	0.961233	-1.04033	0.6483535	0.8655675	-1.15517	2.72078	4.26024	1.19183	1
cg25768103	SLC25A42;SLC25A42	0.0867411	0.262562	1.53264	1.53264	0.670595	0.855224	-1.16928	0.975421	0.01133	-1.61133	0.242406	0.639409	-1.56394	0.01968868	0.354517	-2.82074		0.4511008	0.795284	-1.324	0.0853311	0.2692221	-3.4104	0.452958	0.756183	-1.32243	0.1455511	0.564786	-1.77058	2.72078	5.75773	1.88107	1
cg13597417	LGALS9C	0.0867426	0.0176301	0.281574	-3.55146	0.178172	0.533668	-1.87382	0.24674	0.587624	-1.70177	0.245676	0.586856	-1.704	0.03693443	0.345186	-2.89699		0.105931	0.460633	-2.17092	0.0243694	0.3007998	-3.24678	0.140071	0.498152	-2.00742	0.035768	0.342174	-2.92249	2.72076	8.30261	2.71251	1
cg19524449	GREM1	0.0867444	0.148943	0.808717	-1.23665	0.442752	0.34085	-2.93527	0.0230554	0.508675	-1.96603	0.188188	0.6802826	-1.47009	0.0012366	0.0107307	-3.45812		0.0756502	1.16151	1.16151	0.0183265	0.1588375	-1.19278	0.0973451	0.0978845	-1.02178	0.0238665	0.1214664	-2.14578	2.72074	2.31564	0.756464	1
cg21516287	ACTR3C;LRRC61;LRRC61	0.0867443	0.0178815	27.785	27.7815	0.424969	2.34064	2.34064	0.140949	5.22168	5.22168	0.13677	5.92206	5.92206	0.0492363	5.00.2148	5.00.2148	0.224866	0.378332	0.378332	0.017399	20.5402	20.5402	0.049231	10.4111	0.118136	5.876444	2.02074	46.9452	15.3374	1
cg21001143	KCNF1	0.0867453	0.680285	1.23116	1.20215	0.0352371	2.07325	2.07325	0.0158156	0.515519	-1.95496	0.056011	0.3822312	-2.61632	0.00.74515	0.145704	1.14704		0.2418664	1.70207	1.70207	0.0668849	0.4014437	-2.49105	0.709539	0.648945	-1.18085	0.1232205	1.575116	1.575116	2.72073	8.506322	2.7791	1
cg20148994	MEST	0.0867448	0.404671	1.27592	1.27592	0.46496	1.23735	1.23735	0.419225	1.26601	1.26601	0.867414	1.04891	1.04891	0.01358237	0.485949	-2.32748		0.24064	1.42059	1.42059	0.0183937	0.26468	-2.26468	0.210988	0.45738	1.45738	0.927542	1.02633	1.02633	2.72069	3.51917	1.14976	1
cg08571905	CMTM4;CMTM4	0.0867488	0.861841	1.0591	1.0591	0.0753365	0.520666	-1.92062	0.974265	0.01069	1.01069	0.00786455	1.07723	1.07723	0.130651	0.718302	-1.39217		0.19069	1.5789	1.5789	0.777473	1.0097	1.09789	0.194135	1.57271	1.57271	0.2311455	1.55185	1.512.85	2.72068	4.68148	1.52951	1
cg21308566	AGAP1;AGAP1	0.0867493	0.522482	1.700269	-1.39306	0.24971	0.557999	-1.79212	0.108409	0.427729	-2.33804	0.660079	1.22941	1.22941	0.482788	1.4133	1.4133		0.9721163	0.98322	-1.01707	0.0238522	0.2704543	-3.69749	0.019528	3.93062	3.93062	0.0929033	0.769746	-1.29913	2.72067	10.1343	3.13104	1
cg25688166	WDR1;WDR1	0.0867504	0.558365	0.819291	-1.22057	0.532664	1.23696	1.23696	0.354934	1.37777	1.37777	0.857802	1.06226	1.06226	0.01021394	0.3360348	-2.97544		0.2944007	1.44226	1.44226	0.611639	1.18818	1.18818	0.029897	2.36404	2.36404	0.429827	0.762925	-1.31178	2.72066	4.8863	1.59644	1
cg21705732	C21orf13;SNRP3;C21orf13	0.0867519	0.929861	1.01131	1.01131	0.64579	0.942773	-1.0607	0.0582874	1.31451	1.31431	0.894667	1.01706	1.01706	0.04234472	1.34079	1.34079		0.5180041	0.919707	-1.0873	0.0243404	0.7085563	-1.40932	0.171418	0.830288	-1.2044	0.381461	0.8919674	-1.12149	2.72064	0.702861	0.229672	1
cg01587390	PPAN-P2RY11;P2RY11;PPAN	0.0867522	0.553442	1.09638	1.09638	0.254028	1.2005	1.2005	0.365716	-1.15332	0.6758896	1.0957202	1.2005	1.2005	0.2300582	1.21299	1.21299		0.1181669	1.70742	-1.29745	0.00500688	1.75831	1.76831	0.35266	1.15812	1.15812	0.8090003	1.03787	1.03787	2.72064	1.01517	0.331678	1
cg13074173	RHPN1	0.0867556	0.198233	0.589796	-1.6955	0.0148817	0.312543	-3.19956	0.394462	0.712724	-1.40307	0.591878	1.23384	1.23384	0.4628911	0.748158	-1.33662		0.701179	0.860959	-1.1615	0.0330026	0.3798003	-2.63295	0.0437963	0.406661	-2.45905	0.0347987	0.384702	-2.59942	2.72059	6.496511	2.12245	1
cg06653773	DUSP3;C17orf105	0.0867558	0.924969	0.985944	-1.01426	0.0910455	1.32872	-1.10992	0.229413	1.20868	1.20868	0.0616317	1.37212	1.37212	0.0465981	1.20112	1.20112		0.33164	1.16244	1.16244	0.2998813	0.681218	-1.46815	0.394773	1.11405	1.11405	1.11669	1.12256	0.9739093	0.3179339	1
cg18864926	CCDC85C	0.0867592	0.204722	2.70709	2.70709	0.0328655	6.40708	6.40708	0.118321	3.53215	3.53215	0.933921	0.940154	-1.06366	0.07795565	0.202899	-4.92857		0.774478	1.23836	1.23836	0.0690099	0.219978	-4.5459	0.334567	0.476825	-2.09721	0.94259	0.947813	-1.05506	2.72054	23.8623	7.79657	1
cg00372940	WDR47;WDR47;WDR47	0.0867611	0.316964	0.674558	-1.48179	0.0167522	0.174488	-5.73102	0.0274772	0.453	-2.20.7	0.0.2.1	0.2.1.9	2.1.9	0.0.6674	0.606674	-1.64834		0.7830705	0.894643	-1.11832	0.2504281	0.7898897	-1.26598	0.0729829	0.796532	-1.25495	0.0708911	-1.40649	0.0128553	1.052477	1.052477	0.29252	9.159	3.897	1
cg15765885	RGPD3	0.0867616	0.159391	0.609185	-1.64154	0.696989	1.13766	1.13766	0.332879	1.38991	1.38991	0.217241	1.53402	1.53402	0.154361	1.65288	1.65288		0.2730884	0.686631	-1.45639	0.894385	0.9571651	-1.04475	0.0173367	0.38475	-2.59909	0.0660327	0.506764	-1.97331	2.72051	4.68087	1.52941	1
cg04730731	GEMIN5	0.0867621	0.55909	0.911978	-1.09652	0.245575	1.20855	1.20855	0.0375141	1.45707	1.45707	0.128626	0.774028	-1.29194	0.098272	1.32686	1.32686		0.600337	1.08594	1.08594	0.0314205	0.6745594	-1.48233	0.552667	0.91057	-1.09821	0.74669	1.05178	1.05178	2.72051	1.0481	0.342451	1
cg23540653	GBP3	0.0867625	0.0881212	0.3465	-2.88625	0.0225	0.369347	-2.70733	0.0346373	0.272266	-3.67278	0.0.8.1.5	0.2.2.2.6	0.2.2.2.6	0.1.5.8.4.3	0.1.5.7.2.2	0.1.5.7.2.2		0.0336273	0.2.9.7.5	-3.45	0.0.9.5.5.2	0.0.5.9.4.5	-0.0.9.5.5.2	0.2.7.5.0.5	0.2.6.3.1.7.5	-1.6.0.9.3.3	0.0.6.1.7.0.0.3	0.2.5.1.9.1.5	3.6.9.0.5.9	2.7.2.0.5.5	1.0.4.2.5.7	0.3.2.1.2.5	1
cg10426464	C2CD4B	0.0867632	0.0497509	17.6634	17.6634	0.0275971	28.2781	28.2781	0.222449	5.18076	5.18076	0.111474	9.24565	9.24565	0.0475127	18.3231	18.3231		0.481045	2.50654	2.50654	0.0350242	23.3666	23.3666	0.083393	11.6908	11.6908	0.0312586	25.5911	25.5911	2.72049	70.9207	23.1725	1
cg09981906	KCTD5;KCTD5	0.0867636	0.221781	1.60268	1.60268	0.0153393	1.83999	-1.09402	0.0403784	1.36717	1.36717	0.821584	1.0.0.3.8.7	1.0.0.3.8.7	0.1.0.1.2.6.4	1.0.7.9.4.3	1.0.7.9.4.3		0.438767	1.74213	1.74213	0.0763544	0.1.0.9.5.7.5	1.0.9.5.7.5	0.1.0.1.2.2.4	0.1.0.6.3.8	1.0.6.3.8	0.1.4.5.7.8	0.1.4.6.3.4.6	1.2.0.5.7.1	2.7.2.0.4.9	5.8.0.6.6	1.8.9.9.2	1
cg03562744	TRIM35;TRIM35;PTK2B;PTK2B	0.0867644	0.124818	1.2386	1.2386	0.132917	0.811562	-1.23219	0.231266	0.850687	-1.17552	0.36432	0.886874	-1.12756	0.1999097	1.19048	1.19048		0.671284	0.9.6.6.5.9	-1.0.0.5.5.5	0.0.0.9.8.7.0.3.7	0.6.5.7.0.0.9	-1.5.2.1.8.4	0.3.6.9.7.1.3	1.1.2.5.9.6	1.1.2.5.9.6	0.7.8.9.2.2	0.7.1.4.5.9.4	0.2.3.1.4.8.7	2.7.2.0.4.5	1.0.4.6.2.8	0.3.8.2.2.3	1
cg21182108	ANKS6	0.0867657	0.86107	0.821788	-1.21686	0.449701	2.37039	2.37039	0.651859	1.66341	1.66341	0.223062	0.238247	-4.19733	0.00423797	0.0137158	-72.9089		0.422467	0.399301	-2.50438	0.131617	0.1614442	-6.19418	0.418124	0.395725	-2.52701	0.0588162	0.0916256	-10.914	2.72046	54.089	17.6732	1
cg18372076	FOS	0.0867678	0.174864	1.21747	1.21747	0.0975159	1.07515	-1.48113	0.406851	1.14259	1.14259	0.490795	1.07252	-1.20119	0.0007957	1.14054	1.14054		0.475701	1.1696	1.1696	0.0045363	0.2075563	-4.81655	0.0.5.4.5.3.6	0.7.0.3.1.0.5	1.1.4.2.2.6	0.3.6.7.5.8	0.8.1.8.7.5.1	1.2.2.1.3.7	2.7.2.0.4.3	2.1.0.1.0.1	0.6.5.7.0.8.9	1
cg01024781	NBPF3	0.0867706	0.0340817	3.26063	-3.06689	0.174364	0.515599	-1.92456	0.234976	0.568909	-1.75775	0.385822	0.66842	-1.49607	0.0091129	0.222869	-4.48699		0.0364348	0.332261	-3.00968	0.179744	0.52434	-1.90716	0.252996	0.8667.14	-1.15178	0.0511605	0.3655725	-2.73541	2.7204	8.84586	2.89039	1
cg13113525	ISLR2;ISLR2;ISLR2;ISLR2	0.0867711	0.110077	0.4.5.8.8	-2.17.3.6	0.0.1.0.7.5.2	0.2.4.5.8.5	-4.1.7.5.5	0.0.6.8.4.7.4	0.4.0.1.2.1	0.3.9.7.0.0.4	0.1.4.3.2.4.4	0.3.8.3.6.6	0.3.8.1.8.3	0.1.0.6.4.3	0.1.3.9.6.8	0.1.3.9.6.8		0.7.8.3.7.0.0.5	0.8.4.9.6.4.3	-1.1.8.3.6.9	0.0.2.0.7.6.8.7.4	0.5.8.0.3.4	0.5.4.6.0.0.5	1.4.2.4.4.3	0.3.8.4.9.7	0.3.5.1.7.6.5	0.2.7.2.0.4.3	0.8.4.5.8.6	2.8.9.0.3.9	1
cg25382846	CD47;CD47;CD47	0.0867779	0.562576	1.24068	1.24068	0.0238508	0.360611	-2.77307	0.022552	0.355624	-2.81195	0.93081	0.968567	-1.03245	0.137835	1.812	1.812		0.153766	0.566894	-1.764	0.269744	0.653579	-1.53004	0.664992	0.851822	-1.17395	0.330428	1.44035	1.44035	2.90571	0.09314	1.63096	1
cg02972793	TSSC1	0.0867796	0.227909	1.78003	1.78003	0.281646	1.66491	0.994764	1.00299	1.00299	0.4534661	1.41612	1.41612	0.0696136	0.203801	-4.90674		0.0670062	0.392434	-2.5482	0.392022	0.670636	-1.49112	0.744377	0.8615.15	-1.16075	0.290206	0.606462	-1.64891	2.70228	8.94275	2.92217	1
cg09637102	MICAL2	0.0867811	0.316964	0.674558	-1.48179	0.0167522	0.174488	-5.73102	0.0274772	0.453	-2.20.7	0.0.2.1	0.2.1.9	2.1.9	0.0.6674	0.606674	-1.64834		0.5667447	1.29735	1.29735	0.0398156	0.2829844	-3.53507	0.2.1.1.4.5.1	0.5.5.9.2.9	1.2.6.9.1.8	0.2.7.4.8.4.2	1.2.2.4.6.5	-1.2.7.3.9.1	2.7.2.0.2.5	0.8.4.6.9.2	2.7.9.7	1.8.4.5.4.6	1
cg15125763	YWC2L	0.0867825	0.851795	0.967982	-1.03308	0.49562	1.12793	1.12793	0.160889	1.29768	1.29768	0.852496	0.968133	-1.03292	0.622069	0.917182	1.0903		0.0343483	0.650841	-1.53647	0.323769	0.8137511	-1.19401	0.218502	1.25257	1.25257	0.0143575	1.69073	1.69073	2.70224	1.3043	0.426205	1
cg01006648	PPP3CA;SNORA16B	0.0867833	0.330498	0.710879	-1.40702	0.0295324	0.654178	-1.55478	0.804356	1.04056	1.04056	0.883339	0.97503	-1.02561	0.8019758	1.0.3.4.9.7	1.0.3.4.9.7		0.939753	0.98651	-1.01359	0.8115866	0.9.7.1.8.6	-1.0.3.0.2.1	0.1.1.6.6.1	0.7.4.1.2.6.9	1.1.3.4.9.0.4	0.7.2.2.0.3	0.1.4.1.7.5.6	1.3.1.0.2.5	2.7.2.0.1.9	0.8.4.1.7.5.6	1
cg23203227	RSPH3	0.0867836	0.752465	0.956557	-1.04542	0.133643	1.53748	1.53748	0.0159779	1.51299	1.51299	0.764975	1.05485	1.05485	0.0773772	1.31733	1.31733		0.1862982	1.21736	1.21736	0.927547	0.987314	-1.01285	0.547707	0.918145	-1.08915	0.2004558	1.20905	1.20905	2.70222	0.8489.41	0.277409	1
cg03079761	LSM7	0.0867841	0.411934	0.661914	-1.51077	0.274748	0.571831	-1.74877	0.426201	1.49126	1.49126	0.0900915	0.399009	-2.50621	0.0131641	0.220491	-4.53532		0.036909	0.303601	-3.2918	0.0505379	0.3349198	-2.99224	0.804003	1.13009	1.13009	0.1657655	0.4833364	-2.06883	2.70222	10.4218	3.40554	1
cg18738800	HIST1H2BG;HIST1H2AK	0.0867843	0.758541	1.09861	1.09861	0.429024	1.28756	-1.2856	0.0.8.5.6.3.2.4	1.0.0.8.5.6	1.0.0.8.5.6	0.9.7.9.1.7	1.0.2.5.6.5	1.0.2.5.6.5	0.8.8.3.3.9.6	1.0.7.5.0.3	1.0.7.5.0.3		0.4641448	1.12477	1.12477	0.0067479	0.574521	-1.74058	0.731382	0.947056	-1.0559	0.881243	1.023827	1.023827	2.70205	1.07395	0.350615	1
cg26844954	GUSBL1	0.0867859	0.105018	0.449325	-2.22556	0.466766	0.71573	-1.39717	0.240065	0.575977	-1.73618	0.767911	1.14299	1.14299	0.029861	0.158884	-6.29391		0.139728	0.487881	-2.04968	0.105892	0.450391	-2.2203	0.34315	0.576039	-1.73599	0.225094	0.562469	-1.77788	2.70219	8.78714	2.87141	1
cg02055483	NPAS4	0.0867892	0.49367	1.1.2.1.3	1.1.2.1.3	0.5.2.2.4.1	1.1.4.1.1	1.1.4.1.1	0.8.3.7.3.3.3	1.7.9.0.4	1.7.9.0.4	0.1.6.2.2.5.6	1.8.4.6.1.3.8	1.8.4.6.1.3.8	0.1.5.7.2.2.2.6	1.8.5.0.7.8.8	1.8.5.0.7.8.8		0.0162003	1.3.7.7.5.6	1.3.7.7.5.6	0.1.0.7.2.2.8.0	1.8.9.2.1.9	1.8.9.2.1.9	0.4.8.2.2.8	0.8.5.6.6.2.6	1.8.5.0.7.8.8	0.5.2.8.4.8.8	0.1.0.7.2.2.8.0	1.2.3.3.6.0	1.8.6.1.8.4	2.7.2.0.1.8	0.4.7.2.0.5.6	0.2.7.4.0.4.9	1
cg21011139	CYB5R2	0.0867897	0.0500363	36.0154	36.0154	0.147089	12.1275	12.1275	0.282622	0.166858	-5.99314	0.732629	1.73323	1.73323	0.0556167	32.4154	32.4154		0.133755	13.3804	13.3804	0.656163	2.05172	2.05172	0.0304002	59.2033	59.2033	0.0316059	56.9435	56.9435	2.70214	110.816	36.2126	1
cg04481663	TMTC2	0.0867903	0.557165	0.814043	-1.2342	0.414157	2.14141	2.14141	0.48567	1.48567	1.48567	0.758802	1.07941	1.07941	0.1841716	1.07942	1.07942		0.685944	1.065825	1.1547	0.0.7.7.9.5.1.6	0.5.8.8.1.3	0.5.8.8.1.3	0.1.0.2.6.5.6	0.3.7.8.8.3	0.3.7.9.7.9	0.2.7.2.0.1.4	0.1.4.8.4.2	0.7.2.3.1.4	2.7.2.0.1.3	1.4.8.4.2	0.7.6.2.5	1
cg21801396	BRUNOL6	0.0867961	0.290966	1.32837	1.32837	0.186268	1.4395	1.4395	0.295983	1.5.2.6.5.1	1.5.2.6.5.1	0.9.0.5.3.5	1.0.1.0.5.5	1.0.1.0.5.5	0.1.2.3.5.1.5	1.1.5.5.2.5	1.1.5.5.2.5		0.745872	1.01959	-1.08744	0.873929	0.2.7.2.8.2.8	0.2.7.2.8.2.8	0.1.2.1.0.2.9.2	0.7.1.0.7.9.2	1.4.0.6.8.8	0.9.5.5.2.5	2.9.9.0.4.3	0.8.0.5.0.7	2.7.2.0.1.2	0.7.1.0.7.9.2	1.4.0.6.8.8	0.9.5.5.2.5	1
cg17279839	RARRES2	0.0867926	0.0872714	5.87524	5.87524	0.674421	1.48627	1.48627	0.226124	3.2939	3.2939	0.456933	2.0351	2.0351	0.233105	3.23044	3.23044		0.0968181	5.52638	5.52638	0.0312181	10.5291	10.5291	0.00895586	22.5999	22.5999	0.0318045	10.5917	10.5917	2.70211	37.8955	12.3837	1
cg25062829	TNXB	0.0867933	0.0229604	0.1.8.9.3.3	-5.4.2.7.0.7	0.0.4.5.8.6.9	-2.2.4.2.8.1	0.1.7.5.7.9.9	0.0.5.6.5.6.5.5	-1.7.6.7.9.9	-2.8.2.6.4.1	0.0.4.8.9.8.5.9	-1.5.6.2.8.5	0.0.5.0.9.3.1.1	0.2.4.3.8.4.2	-3.4.1.4.6.1			0.6953184	0.854356	-1.1.7.0.6	0.0.6.9.7.3.3.6	0.1.3.5.4.5.6	0.1.3.5.4.5.6	0.0.6.4.1.4.5	0.0.8.4.1.1	-1.1.3.2.6	0.0.2.7.7.2.8	0.1.6.3.4.5.7	-1.5.7.8.6.4	2.7.2.0.0.9	0.9.7.6.8.2	0.3.2.9.2	1
cg08940354	DNM3;DNM3	0.0867951	0.717558	1.06717	1.06717	0.10811	0.730732	-1.36849	0.816385	1.0425	1.0425	0.797725	1.04703	1.04703	0.131004	1.33883	1.33883		0.619021	1.09385	1.09385	0.0036246	0.2.0.2.8.3	0.2.0.2.8.3	0.6.9.9.0.3.3	0.9.3.2.8.3.8	-1.0.7.2	0.4.9.7.6.5.4	1.1.3.1.1.2	1.2.0.2.0.1	2.7.0.1.9.5	1.3.7.9.5.5	0.4.5.0.8.3.1	1
cg19691901	MAD2L1;MAD2L1;MAD2L1	0.0868003	0.29678	0.726074	-1.37727	0.0208581	2.27704	2.27704	0.100118	1.70423	1.70423	0.611154	1.16384	1.16384	0.0311178	2.11413	2.11413		0.738897	0.905756	-1.10405	0.0452355	1.98891	1.98891	0.247067	1.43007	1.43007	0.885181	0.958144	-1.04368	2.7201	3.7221	1.28271	1
cg00328058	FLRT3;FLRT3;KLHL17;PLEKHN1	0.0868007	0.0188557	0.460002	-2.17339	0.0442283	1.02881	1.02881	0.0.8.5.9.1.3	1.0.5.9.3	1.0.5.9.3	0.9.9.5.9.1	1.0.4.5.4.5	1.0.4.5.4.5	0.4.8.7.0.7.2	1.0.5.9.3	1.0.5.9.3		0.1.2.7.9.9.6	1.0.2.5.4.1	1.0.2.5.4.1	0.6.4.0.4.8	1.0.5.2.7.1	1.0.5.2.7.1	0.3.6.7.0.1.4.8	1.0.4.0.3	1.0.4.0.9.7.1	1.2.7.7	2.7.2	0.8.7.5.9.6	2.7.2.0.0.4	0.8.7.5.9.6	2.7.2.0.0.4	0.8.7.5.9.6	1
cg19245773	ANTXR1; ZNF438;ZNF438;ZNF438;ZNF438;ZNF443	0.0868011	0.0594874	0.515058	-1.94153	0.0237182	0.430791	-2.32131	0.0.2.7.6.7.3.8	0.4.4.9.9.8.2	-2.2.5.2.3.5	0.4.4.1.7.4.5	0.7.8.2.9.6.8	-2.2.7.1.2.1	0.5.9.7.7.2.2	-1.6.7.2.0.1			0.3.1.1.4.8.3	0.7.2.1.7.2	-1.3.8.6.2.5	0.2.5.9.0.1.8	0.6.9.2.6.0.1	0.6.9.2.6.0.1	-2.6.4.6.8.6	-6.2.7.2.9.9	3.5.8.4.6.3	1.6.4.8.7.2	2.4.1.9.1.0.2	1.3.6.9.6.2	1
cg02464984	8;ZNF438;ZNF438;ZNF438	0.0868082	0.984418	1.00614	1.00614	0.102.18	1.75261	1.75261	0.745893	1.10738	1.10738	0.720376	1.11936	1.11936	0.0294281	0.447286	-2.2357		0.9985.98	0.999449	-1.00055	0.015216	2.54756	2.54756	0.292225	1.40888	1.40888	0.313067	0.7.2.0.8.5.4	-1.38724	2.71998	4.23899	1.3853	1
cg16607197	LMF1	0.0868087	0.052463	1.69423	1.69423	0.345148	0.792574	-1.26171	0.0885348	0.638223	-1.56686	0.410536	1.22288	1.22288	0.0.7.9.6.5.1	1.6.0.7.8.8	1.6.0.7.8.8		0.0260277	0.515752	-1.88058	0.220552	0.3602	1.36021	0.0.6.9.0.0.4	0.9.9.1.0.1.8	-1.0.0.9.0.6	0.1.8.7.1.4	1.3.9.0.3	1.3.9.0.3	2.7.1.9.9.8	2.4.2.4.8	0.8.4.0.7.3.8	1
cg23168397	UBAC2;UBAC2;UBAC2	0.0868034	0.562804	1.17994

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg18803527	DHX16;DHX16	0.0869472	0.247224	0.853158	-1.17487	1.363762	1.13201	1.13201	0.957125	0.992913	-1.00714	0.732189	0.955548	-1.04652	0.386046	1.12525	1.12525	0.343956	0.877981	-1.13808	0.00326437	1.74747	1.74747	0.541761	1.08531	1.08531	0.463821	1.10396	1.00396	2.80318	0.787768	0.211047	1
cg23712018	RNF39;RNF39	0.086949	0.0759421	1.78246	1.78246	1.094678	3.93341	1.933341	0.220162	3.62617	3.61474	1.006426	5.552	5.552	0.249904	3.32132	3.32132	0.831955	1.23631	1.236331	0.399127	2.36706	2.36706	0.0385731	28.4325	28.4325	0.0133618	21.3089	21.3089	2.70186	42.9002	14.0297	1
cg05366495	FBF1	0.0869493	0.815995	0.851669	-1.17417	1.139507	2.99006	2.99006	0.228079	2.39034	2.39034	0.443525	0.583848	-1.71277	0.00665843	0.0884538	-11.3053	0.267241	0.451078	-2.21691	0.0921174	0.27885	-3.58616	0.98791	1.01049	1.01049	0.740521	0.795397	-1.25723	2.71805	20.4241	6.67931	1
cg21763181	C7orf50;C7orf50;C7orf50	0.0869501	0.41821	1.12819	1.12819	0.587497	0.923104	-1.08314	0.157665	1.24644	1.24644	0.848854	0.82281	1.02821	0.446595	1.11973	1.11973	0.0037242	1.1705	1.1705	0.0932603	1.30976	1.30976	0.499308	0.904681	-1.10517	0.526779	0.910729	-1.09802	2.71804	0.915224	0.299308	1
cg26206625	CACHD1	0.086953	0.144326	0.699284	-1.43003	0.601277	0.886688	-1.12779	0.683629	0.91078	-1.09796	0.429817	1.20179	1.20179	0.00285677	0.392091	2.55043	0.284785	0.776536	-1.28843	0.604563	1.12655	1.12655	0.563019	0.875137	-1.14268	0.14159	0.697314	-1.43407	2.718	2.23958	0.732427	1
cg25923577	LRRC10B;LRRC10B	0.0869536	0.902203	0.927479	-1.07819	0.760949	0.82924	-1.20592	0.100105	0.331747	3.01434	0.011958	0.146534	6.824018	0.733359	0.810363	-1.23295	0.504909	0.66076	-1.51341	0.215541	2.22175	2.22175	0.114345	2.86277	2.86277	0.145021	2.607748	2.607748	2.718	14.56	5.28002	1
cg15059429	SDCCAG8;AKT3	0.0869567	0.995219	0.999025	-1.00098	0.0256813	0.649531	-1.53957	0.153519	0.7797709	-1.28253	0.277128	1.20207	1.20207	0.254651	1.2137	1.2137	0.476882	1.12499	1.12499	0.0200532	1.57909	1.57909	0.615035	0.92075	-1.08607	0.752447	1.05287	1.05287	0.71296	1.14133	0.373263	1
cg09335911	LOXL4;LOXL4	0.0869574	0.406208	0.980308	-1.02497	0.0208552	1.11328	1.11328	0.203761	0.8920551	0.81016	0.394761	0.908592	-1.10125	0.394761	0.908592	-1.10125	0.687862	-1.02329	0.076594	0.845846	-1.18225	0.0220727	0.788219	-1.26853	0.0514422	1.2074	1.2074	0.738765	1.02886	1.02886	2.71795	0.310987	0.101706	1
cg15002372	CCDC9	0.086958	0.0974418	0.151456	-6.60257	0.938176	1.12527	1.12527	0.491591	2.04662	2.04662	0.812024	0.783692	-1.27601	0.0284232	0.0864844	-15.0441	?	?	?	?	0.03021	?	?	0.108189	0.153113	0.257257	37.4991	12.6515	0.0135	0.0275	0.0275	1
cg07590406	RPP14;RPP14;RPP14;RPP14	0.0869586	0.0225093	0.638485	-1.56621	0.136907	1.30089	1.30089	0.920312	0.983706	-1.01656	0.394828	0.866588	-1.15382	0.223118	0.810455	-1.23388	0.03648	0.849847	-1.17668	0.0202068	0.631393	-1.5838	0.51065	0.896242	-1.11577	0.253561	1.21623	1.21623	2.71793	1.16022	0.379445	1
cg10157824	C14orf182	0.0869586	0.0923905	0.680632	-1.46955	0.0917324	1.12687	1.12687	0.0915	0.462657	2.16149	0.8209	1.04512	1.04512	0.0012564	0.459319	2.17689	0.917728	0.97627	-1.0245	0.00963184	0.4449	2.24781	0.433337	0.885041	-1.12972	0.0700954	0.914216	1.09381	2.71793	2.32552	0.760553	1
cg21629460	RNF7;RNF7	0.0869617	0.853436	0.96038	-1.04125	0.106778	1.46953	1.46953	0.993242	0.99815	-1.00185	0.00772964	0.47332	-2.21274	0.722392	0.924083	1.0811	0.278904	0.781838	-1.27904	0.0791564	1.53126	1.53126	0.41938	0.834966	-1.19765	0.700325	1.08822	1.08822	2.71789	2.05707	0.672768	1
cg20695433	USTM28	0.0869631	0.341565	0.730528	-1.42546	0.426684	1.34123	1.34123	0.533364	0.795994	-1.25634	0.662745	0.655493	-1.52557	0.31834	0.688612	-1.4522	0.499348	1.19412	1.19412	0.328323	0.694332	-1.44023	0.0940882	0.91547	1.93547	0.483524	0.772927	-1.29378	2.71787	5.62332	1.84307	1
cg21693907	ATP28A;ATP28A	0.0869635	0.0383851	0.566448	-1.76539	0.976852	0.99315	-1.00609	0.938165	0.7994242	-1.25087	0.542256	0.864042	-1.15735	0.0141105	0.487904	-2.04959	0.0199865	0.514199	-1.94477	0.183394	0.715777	-1.39708	0.168695	0.7090501	-1.41543	0.0545212	0.596463	-1.67655	2.71787	2.41562	0.790037	1
cg03454017	THSD4	0.0869644	0.830572	0.945818	-1.05729	0.59238	1.15085	1.15085	0.00460225	0.375145	-2.66564	0.903946	1.03209	1.03209	0.826132	1.05886	1.05886	0.306912	1.3165	1.3165	0.217087	0.713467	-1.40161	0.0970946	1.60542	1.60542	0.852274	1.04966	1.04966	2.71785	2.90915	0.951452	1
cg09188694	VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA	0.0869659	0.493927	1.15622	1.15622	0.0779546	0.581218	-1.72053	0.573356	0.887903	-1.12625	0.180967	0.743203	-1.34553	0.0254127	0.574013	-1.74212	0.981354	0.995129	-1.0049	0.0429971	0.614714	-1.62677	0.331468	1.2329	1.2329	0.486245	1.15932	1.15932	2.71784	1.87936	0.614658	1
cg26568226	CYFIP1	0.0869667	0.427452	1.42687	1.42687	0.266269	1.66234	1.66234	0.505069	1.34547	1.34547	0.090232	1.56385	2.62862	0.0753024	2.62862	2.62862	0.324074	0.238421	2.38421	0.328401	0.329091	1.55571	1.55571	0.00236755	6.4243	6.4243	0.0134373	1.7778	1.7778	2.704788	1.64632	1.64632	2.71783	8.28614	2.71006	1
cg00159289	MOGAT3	0.0869683	0.763822	0.907311	-1.10216	0.600565	1.18594	1.18594	0.865686	0.946822	-1.05657	0.404798	1.31673	1.31673	0.589942	0.838935	-1.19199	0.502412	0.80274	-1.24573	0.00181832	0.239126	-4.1819	0.306251	0.710398	-1.40766	0.814283	0.926855	-1.07892	2.7178	4.48501	1.46687	1
cg04412755	PTH1R	0.0869719	0.846384	0.917723	-1.09059	0.703644	1.12643	1.12643	0.31453	1.13668	1.13668	0.314834	1.18277	1.18277	0.321306	0.845157	-1.17592	0.401039	0.684029	-1.46191	0.0979865	0.236208	-4.23356	0.0906059	0.843841	-2.27873	0.527186	1.32717	1.32717	2.71776	8.40557	2.74788	1
cg19086488	C1orf210;C1orf210	0.0869755	0.312452	0.860919	-1.16155	0.0854558	1.31323	1.31323	0.0177395	0.661494	-1.51173	0.311403	0.86062	-1.16195	0.0944925	1.3014	1.3014	0.567178	0.920446	-1.08643	0.13021	1.26398	1.26398	0.377367	1.02238	0.688109	1.05954	1.05954	2.71771	0.884184	0.289193	1
cg01563959	CYTSB;CYTSB	0.0869758	0.681658	0.852443	-1.17292	0.713724	1.16597	1.16597	0.0913996	0.583963	-1.71228	0.156097	0.82696	-1.20954	0.24815	0.654459	-1.52857	0.318364	0.940331	-1.06351	0.152574	1.31844	1.31844	0.0109757	1.60225	1.60225	0.0139357	0.783295	-1.27666	0.0240725	0.524431	0.843855	0.71791	1
cg10318670	CPSF1	0.0869782	0.302373	0.823903	-1.21374	0.410787	0.858569	-1.16473	0.362866	1.18477	1.18477	0.525555	1.1237	1.1237	0.318286	0.829436	1.20564	0.0152086	0.582445	-1.7169	0.021851	1.64678	1.64678	0.714591	0.935581	-1.06886	0.649595	0.920421	-1.08646	2.71767	1.41475	0.462732	1
cg04139184	SLC25A18	0.0869785	0.411144	0.624578	-1.60108	0.0227137	0.980233	-1.01706	0.221436	0.486847	-2.05404	0.935196	1.0466	1.0466	0.60521	0.746734	-1.33916	0.359512	0.59	-1.69492	0.620859	0.756355	-1.32211	0.472484	0.664139	-1.50571	0.160626	2.31486	2.31486	2.71767	1.15005	0.41571	1
cg13763627	NFIC;NFIC	0.086979	0.05403	1.62497	1.62497	0.0178803	1.36481	1.36481	0.167343	1.27946	1.27946	0.0169348	0.569372	-1.05333	0.0167467	1.67946	1.67946	0.0218662	0.542737	-1.84852	0.0137387	1.71643	1.71643	0.405542	1.20931	1.20931	0.580077	1.13293	1.13293	2.71762	1.24669	0.702135	1
cg13583115	YPEL5;YPEL5;YPEL5;YPEL5	0.0869794	0.962109	1.00847	1.00847	0.0180002	1.66554	1.66554	0.497521	0.884925	-1.13004	0.0895093	1.39417	1.39417	0.0182694	1.66276	1.66276	0.455827	0.873875	-1.14433	0.86483	1.0307	1.0307	0.562392	1.10956	1.10956	0.0837174	1.4046	1.4046	2.71766	1.35611	0.443555	1
cg07819160	MPST;MPST;MPST;MPST	0.0869798	0.714884	0.934034	-1.07053	0.215304	1.27452	1.27452	0.157483	1.3247	1.3247	0.222563	1.3247	1.3247	0.222563	1.3247	1.3247	0.293404	1.22421	1.22421	0.0544417	1.20256	1.20256	0.0158366	1.49638	1.49638	0.0653387	1.49085	1.49085	2.71765	1.68014	0.487068	1
cg13851144	CHD5	0.0869804	0.013866	0.580408	-1.96693	0.178591	0.727642	-1.3743	0.490015	0.855558	-1.16883	0.722762	0.923808	-1.08428	0.443224	0.833616	-1.19959	0.253379	0.766906	-1.30394	0.694014	0.91579	-1.09195	0.042182	0.594076	-1.68329	0.0557612	1.61962	1.61962	2.71764	2.13045	0.696829	1
cg00166770	C20orf43	0.0869828	0.658152	1.07981	1.07981	0.152875	0.767979	-1.30212	0.190942	0.787579	-1.26971	0.97962	0.995605	-1.00441	0.218621	1.24998	1.24998	0.724273	1.06298	1.06298	0.00359669	0.506719	-1.97348	0.86858	0.971848	-1.02897	0.78933	1.04726	1.04726	2.71761	1.27986	0.418623	1
cg07918174	GHRHR;GHRHR	0.0869837	0.7794648	1.03944	1.03944	0.0849447	1.15016	1.15016	0.341948	0.8644747	-1.15631	0.340148	1.13668	-1.29912	0.651899	1.1225	1.1225	0.165481	1.14006	1.14006	0.0553834	1.31117	1.31117	0.209568	0.750697	1.1225	1.1225	1.3121	1.2576	1.06203	1.00155	1		
cg14496160	MUSK;MUSK;MUSK	0.0869837	0.522889	0.678971	-1.47282	0.292588	0.921027	1.92107	0.379285	0.583141	-1.71485	0.0387756	0.239108	-4.18222	0.0199724	0.186534	-5.36094	0.0557753	0.273669	-3.65404	0.0602172	0.281574	-3.55147	0.573949	1.40451	1.40451	0.282258	0.512673	-1.95056	2.7176	15.3882	5.03327	1
cg08120263	FOXG1	0.0869874	0.963276	0.983703	-1.01655	0.7911	0.882	-1.13348	0.188842	0.911888	-1.09697	0.527207	0.938055	1.12888	0.792724	1.1584	1.1584	0.464155	1.1184	1.1184	0.0102078	0.952609	-1.04963	0.00719792	0.249811	-4.00483	0.00719792	0.249811	-4.00483	2.71757	0.249811	0.00483	1
cg26549595	PLEC1;PLEC1	0.086988	0.0477873	0.270708	-3.69042	0.419557	1.60993	1.60993	0.500582	1.48388	1.48388	0.787726	1.16863	1.16863	0.0525404	0.280068	3.57056	0.228166	0.07575	0.07575	0.0445368	0.263956	-3.78851	0.10591	0.360706	-2.77234	0.427216	1.59689	1.59689	2.71755	14.3483	4.69322	1
cg01174859	CALU;CALU	0.0869896	0.907852	0.98611	-1.01406	0.219399	1.16857	1.16857	0.8576	1.0193	1.0193	0.269609	0.870515	-1.14874	0.991848	1.00123	1.00123	0.403447	1.10863	1.10863	0.00515763	0.640496	-1.56129	0.0110261	0.810626	-1.23361	0.358737	1.12057	1.12057	2.71752	0.626214	0.204832	1
cg17111846	C1orf185	0.0869901	0.2629364	1.14011	1.14011	0.2138096	1.58396	1.58396	0.0127128	0.156097	3.82696	1.06847	0.0188084	6.2725	0.0009256	2.90349	2.90349	0.0002555	1.79946	1.79946	0.0168348	0.599372	-1.66833	0.0134585	0.934564	-9.58187	0.007961	0.315434	-3.16994	-2.76227	0.27752	0.28492	2.71742	0.74797	2.68963	1
cg05527877	SFMBT1;SFMBT1;SFMBT1	0.0869908	0.418811	0.824295	-1.21316	0.0117179	0.478755	-2.08875	0.310964	0.782551	-1.27787	0.3669	1.2421	1.2421	0.992424	1.00222	1.00222	0.0647201	0.615531	-1.62461	0.0559987	1.65917	1.65917	0.992178	1.0023	1.0023	0.621102	1.889995	-1.1236	1.27551	2.35641	0.370184	1
cg05744479	LATS2	0.0869928	0.570828	1.14347	1.14347	0.0886286	1.68671	1.68671	0.0857	0.888807	-1.00421	0.486695	0.815071	-1.22598	0.0441552	0.887925	-1.12654	0.528778	1.16553	1.16553	0.0213587	1.538928	-2.78609	0.0479425	0.709183	-1.40962	0.0298073	1.29478	-1.06736	2.09773	1.29478	0.481564	1
cg13635299	TRERF1	0.086991	0.0601816	0.601929	-1.66132	0.78024	0.935219	-1.06927	0.257758	0.753682	-1.32682	0.305538	1.28921	1.28921	0.0100641	0.493568	2.02606	0.7787	1.06979	1.06979	0.53765	1.14609	1.14609	0.0829122	1.58371	1.58371	0.217085	0.732736	1.36475	2.71751	2.46769	0.807174	1
cg12869875	TRIM2	0.0869952	0.745706	1.10784	1.10784	0.602873	0.847732	-1.17962	0.0192523	0.472038	-2.11847	0.314904	0.721047	-1.38687	0.0133455	0.381123	-2.62382	0.254381	1.45433	1.45433	0.122114	1.69437	1.69437	0.631501	1.16425	1.16425	0.439882	0.780432	-1.28134	2.71745	4.26257	1.3943	1
cg09640983	ESR1;ESR1	0.0869968	0.0957804	0.814547	-1.22794	0.0151886	1.47729	1.47729	0.0844	0.641941	-1.55804	0.0770958	0.916774	-1.09107	0.0440505	0.768929	-1.30089	0.532058	0.567381	-1.76246	0.0020883	0.0397301	25.1698	0.0197554	0.241022	-4.14899	0.11775	0.218477	-4.57714	2.71744	24.9078	6.31589	1
cg02666184	ETF8	0.086959	?	?	?	0.0660338	0.494217	-2.0234	0.508623	1.25755	1.25755	0.882728	1.05174	1.05174	0.722317	0.885195	1.12969	0.0378289	0.490378	-2.2775	0.0187029	0.33759	-2.64838	0.0651912	0.492868	-2.02894	0.851654	1.06607	1.06607	2.74964	4.52131	1.64433	1
cg04139152	CLCN6	0.087	0.17342	1.41893	1.41893	0.0158637	1.61353	1.61353	0.0207102	0.489664	-2.04064	0.0895844	0.437093	2.28703	0.0107307	2.2563	2.2563	0.0944722	0.723571	-1.38215	0.0158466	2.2563	2.2563	0.0788969	2.87401	2.87401	0.0642827	1.30215	1.30215	2.71742	1.06007	0.707135	1
cg02697094	HRK	0.0869999	0.89326	1.06002	1.06002	0.00272123	0.039	-1.039	0.071377	2.39718	2.39718	0.306319	1.58381	1.58381	0.954089	0.975313	-1.02531	0.265307	1.65535	1.65535	0.976045	1.01312	1.01312	0.214089	1.7646	1.7646	0.689148	0.839813	-1.19074	2.71739	8.11259	2.65372	1
cg07459645	PLCZ1	0.0870049	0.585886	0.904223	-1.10592	0.445655	1.13333	1.13333	0.0790705	0.846462	1.18181	0.0425	1.32447	1.3247	0.222563	1.3247	1.3247	0.64148	0.91067	-1.09845	0.601981	1.1019	1.1019	0.0158366	1.49085	1.49085	0.0653387	1.49085	1.49085	2.71737	1.68014	0.487068	1
cg06635345	STX2;STX2	0.0870112	0.685357	0.92001	-1.09077	0.65985	1.15933	1.15933	0.0529085	0.479846	-2.086	0.0904924	0.3027	3.30214	0.0014807	0.0990424	10.0972	0.159977	1.82263	1.82263	0.0204102	3.05669	3.05669	0.137643	1.89506	1.89506	0.260371	1.59901	1.59901	2.71736	6.88002	2.52056	1
cg01240083	SNX29	0.0870045	0.486067	0.819678	-1.21991	0.179902	0.672176	-1.4897	0.553823	0.836676	-1.19094	0.641697	0.881468	-1.13492	0.0558834	0.843377	-1.18525	0.974455	1.00945	1.00945	0.0954406	0.891255	-1.12201	0.659405	0.878984	-1.13913	0.0314263	0.394683	-2.53364	2.71734	0.394683	0.100155	1
cg05446659	PNPO	0.0870045	0.486771	0.819678	-1.21999	0.162763	1.52091	1.52091	0.531648	0.836698	-1.19517	0.836356	0.943458	-1.05993	0.0250272	0.472234	2.1176	0.926664	0.974426	-1.02624	0.565097	0.849035	-1.17781	0.0200203	0.20301	2.20301	0.162332	1.52165	1.52165	2.71733	3.40801	1.11482	1
cg08460464	HACE1	0.0870048	0.0859294	0.61581	-1.64805	0.304478	0.445004	-1.69595	0.176909	0.335192	-2.96226	0.162058	0.32041	-3.12184	0.0111842	0.307091	-3.11584	0.0119182	0.0894182	11.1834	0.0014554	0.347705	-7.10705	0.982491	0.0258625	0.106855	0.0482205	0.234891	-4.2573	2.71733	24.9411	8.15869	1
cg06894710	C10orf11	0.0870067	0.417681	0.672724	-1.48705	0.0480584	0.339062	-2.94932	0.0833585	0.242994	-4.11532	0.52464	0.734479	-1.36151	0.0487943	0.340556	-2.93603	0.664384	0.362808	-2.75628	0.599044	0.771282	-1.29654	0.960669	0.56798	1.56798	0.484548	1.40405	1.40405	2.7173	0.9856	3.32529	1
cg18437808	C17orf62;C17orf62;C17orf62	0.0870101	0.925228	0.955162	-1.04694	0.451201	1.4552	1.4552	0.089414	0.249674	2.49674	0.302812	0.593556	-1.68476	0.0314914	0.290642	-3.44066	0.283861	0.580365	-1.72305	0.0211133	0.257888	-3.87765	0.528611	1.36613	1.36613	0.51428	1.38155	1.38155	2.71726	10.2778	3.36216	1
cg03522150	C11orf49;C11orf49;C11orf49;C11orf49	0.0870104	0.0631332	0.384197	-2.60283	0.090342	0.425649	-2.34936	0.0292848	0.308749	-3.23888	0.665	1.22066	1.22066	0.0136117	0.247334	-4.04312	0.489977	0.725466	-1.37842	0.0945381	0.431247	-2.31886	0.64266	1.23843	1.23843	0.636245	0.804092	-1.24364	2.71725	9.01414	2.94878	1
cg05161682	CDU4A2	0.0870119	0.022243	0.134843	-7.38647	0.273649	0.634554	-1.57591	0.402546	0.771194	-1.40461	0.6070893	0.440691	-2.28916	0.0166628	0.280971	-3.57649	0.0957557	0.481659	-2.07616	0.229466	0.60443	-1.65445	0.0956285	0.481498	-2.07685	0.0801144	0.461183	-2.16834	2.7173	0.68012	2.24415	1
cg26634104	CREB3L2	0.0870125	0.111316	0.666141	-1.50118	0.0938651	0.539554	1.53954	0.283761	1.29801	1.29801	0.0351133	0.562741	-1.77702	0.895643	0.969731	-1.03121	0.0265038	0.540068	-1.85162	0.0791202	1.6008	1.6008	0.486204	0.58405	1.18015	0.734515	0.923337	-1.08299	2.71723	2.36084	0.772305	1
cg15721448	LYZHL1;YZHL1;YGH	0.0870148	0.957052	0.984119	-1.01614	0.0462278	0.507205	-1.97159	0.0673112	0.543658	-1.83939	0.24999	0.69953	-1.42953	0.155411	0.636432	1.57126	0.222122	0.682898	-1.46435	0.115558	0.6014414	-1.66275	0.00481029	0.328896	-3.04048	0.728537	0.901615	-1.10912	2.71719	3.8021	1.24387	1
cg19372706	UTRN	0.0870189	0.864802	0.9728	-1.02783	0.132372	0.511854	-1.95368	0.0504199	0.363125	-2.76759	0.116246	0.566291	-1.76571	0.0326482	0.354228	2.82305	0.36224	1.47139	1.47139	0.153	0.531986	-1.87975	0.951858	1.02521	1.02521	0.0426268	0.381895	-2.61852	2.71714	3.73071	2.39438	1
cg24951864	SAMHD1	0.0870192	0.0276202	0.440108	-2.27217	0.295221	0.710293	-1.40787	0.162315	1.6002	1.6002	0.368738	0.747574	-1.37706	0.080757	0.543198	1.84095	0.477188	0.796314	-1.25579	0.0160952	0.395295	-2.52976	0.143264	0.609147	-1.64164	0.216957	0.664062	-1.50588	2.71714	4.27349	1.39804	1
cg26247737	SGCZ	0.0870198	0.0046818	0.355463	-2.81299	0.0155	0.395165	-2.53015	0.0169377	0.265935	-3.76097	0.0265	0.369934	-2.70262	0.0050169	0.270344	-3.69956	0.363997	0.74377	-1.34537	0.0864154	0.525005	-1.90474	0.0807251	0.629973	-1.58737	0.0729635	0.880339	-1.13595	2.71708	4.73224	1.49838	1
cg03143457	GNG12	0.0870227	0.421681	1.49016	1.49016	0.210602	0.526734	-1.89849	0.0118306	0.217116	-4.60583	0.632277	0.791133	-1.26401	0.824898	0.897911	1.1137	0.673355	1.22881	1.22881	0.0393616	0.314001	-3.1847	0.150948	2.1127	2.1127	0.183562	1.503758	-1.98508	2.71709	10.1625	3.32464	1
cg13804196	PIK4CG	0.087023	0.719793	0.942101	-1.06146	0.585394	1.09549	1.09549	0.00664301	0.558096	-1.79181	0.709217	0.939823	-1.06403	0.96336	1.00763	1.00763	0.3221	1.03799	1.03799	0.0512548	1.44413	1.44413	0.479722	0.887848	-1.12632	0.163771	1.27895	1.27895	2.71709	1.17965	0.385921	1
cg00997604	POTEA;POTEA	0.0870246	0.0127463	0.570203	-1.75331	0.0139996	1.15773	1.15773	0.0173853	0.719865	-1.38981	0.111399	0.919333	-1.08775	0.0772524	0.640003	-1.56233	0.358411	0.877559	-1.2381	0.0441199	0.586251	-1.70575	0.15007	1.41794	1.41794	0.146443	0.702722	-1.42304	2.71703	2.20822	0.721122	1
cg11662340	NOTCH4	0.0870281	0.423875	0.822917	-1.21519	0.0870247	0.637027	-1.56979	0.612364	1.12967	1.12967	0.199701	0.723759	-1.38168	0.00780927	0.442706	-2.25884	0.936445	0.98115	-1.01921	0.0815832	1.58502	1.58502	0.508803	0.852198	-1.17344	0.7185	1.09022	1.09022	2.71702	2.45024	0.801609	1
cg20896197	KIF20B	0.087027	0.19927	1.83188	1.83188	0.146147	1.87358	1.87358	0.0070744	0.164472	6.02088	0.937154	1.00855	1.00855	0.833757	1.00855	1.00855	0.756145	1.0401	1.0401	0.813573	1.04486	1.04486	0.0133	1.11049	1.11049	0.217001	0.779091	1.02488	2.71701	0.779091	0.224885	1
cg25112562	TXNDC5	0.0870321	0.327211	0.885053	-1.12988	0.247489	1.15717	1.15717	0.16959	1.19321	1.19321	0.838737	0.931741	-1.07351	0.354735	0.891418	1.12181	0.539677	0.927778	-1.07784	0.0337743	0.623831	-1.603	0.451856	0.991615	-1.00695	0.853379	1.02227	1.02227	2.71697	0.627196	0.205195	1
cg08254200	RPH3A;RPH3A;RPH3A;RPH3A	0.0870336	0.286326	0.601377

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25327013	ANG;RNASE4	0.0871347	0.232087	0.867078	-1.1533	0.716398	0.959331	-1.04239	0.00634059	1.49846	1.49846	0.0741391	0.79734	-1.25417	0.968761	0.995553	-1.00447	0.335188	0.893059	-1.11975	0.917259	0.988244	-1.0119	0.95989	0.994293	-1.00574	0.261956	1.14239	1.14239	2.71563	0.557033	0.18233	1
cg05978254	DDX10	0.0871422	0.184413	0.450077	-2.22184	0.307138	1.82119	1.82119	0.573041	1.38116	1.38116	0.713922	1.23218	1.23218	0.00966897	0.156199	-6.40208	0.0847323	0.339225	-2.9479	0.0813017	0.334282	-2.99149	0.555544	0.71313	-1.40227	0.110721	0.373261	-2.67909	2.71553	13.8291	4.52675	1
cg00981117	CCDC96;TADA2B	0.0871428	0.12081	0.549158	-1.82097	0.977718	0.9901	-1.01	0.27561	1.49788	1.49788	0.452911	1.31312	1.31312	0.231045	0.639178	-1.56451	0.431067	0.751039	-1.33149	0.200726	1.61842	1.61842	0.00822557	0.299902	-3.33443	0.17638	0.599267	-1.66871	2.71552	5.45843	1.78674	1
cg09042759	EGFL8	0.0871429	0.31182	0.882312	-1.13339	0.0338854	0.743494	-1.345	0.0685976	0.783537	-1.27626	0.882366	1.01788	1.01788	0.55029	0.930232	-1.075	0.396225	1.10956	1.10956	0.0131578	0.692195	-1.44468	0.0623301	0.777965	-1.2854	0.195201	0.848783	-1.17816	2.71552	0.61587	0.201597	1
cg22521522	ADORA3	0.087143	0.808938	0.959588	-1.04211	0.0639801	0.70151	-1.4255	0.138554	1.31198	1.31198	0.153964	0.771119	-1.29682	0.010779	0.57956	-1.72545	0.785337	1.04759	1.04759	0.102614	0.737754	-1.35547	0.540654	0.899897	-1.11124	0.607414	1.09226	1.09226	2.71552	1.24716	0.408241	1
cg05060976	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.0871431	0.856544	1.06043	1.06043	0.0371094	0.456231	-2.19187	0.119954	0.578694	-1.72803	0.0664361	1.94921	1.94921	0.161362	0.615715	-1.62413	0.320828	1.39457	1.39457	0.0910108	1.82874	1.82874	0.345853	1.36996	1.36996	0.909942	1.03737	1.03737	2.71552	4.52153	1.48006	1
cg08022717	CYP27C1	0.0871438	0.749594	0.926084	-1.07982	0.796149	0.939807	-1.06405	0.0141372	0.483763	-2.06713	0.558628	0.867762	-1.15239	0.6353	1.12139	1.12139	0.874211	1.03872	1.03872	0.0490088	1.71422	1.71422	0.89852	0.969867	-1.03107	0.0297618	0.541528	-1.84663	2.71551	2.47317	0.809562	1
cg12361925	FAM134A	0.0871442	0.989713	0.997293	-1.00271	0.0149894	1.87528	1.87528	0.0452056	1.62103	1.62103	0.235025	0.76976	-1.29911	0.685268	0.917903	-1.08944	0.945086	0.985622	-1.01459	0.216969	0.761006	-1.31405	0.0739553	1.52	1.52	0.907274	0.9758	-1.0248	2.7155	1.90098	0.622264	1
cg12532266	GDF9;UQCRQ	0.0871449	0.328655	0.743895	-1.34428	0.0108349	0.391018	-2.55743	0.622975	0.864666	-1.15652	0.0342915	2.06399	2.06399	0.668985	1.13452	1.13452	0.930773	0.974826	-1.02582	0.132744	0.621261	-1.60963	0.640257	0.870995	-1.14811	0.450164	1.25332	1.25332	2.71549	3.70338	1.21226	1
cg01614703	SFRS8	0.0871459	0.661765	1.14811	1.14811	0.690498	1.1338	1.1338	0.297521	0.712589	-1.40333	0.929076	1.02833	1.02833	0.890503	0.957703	-1.04417	0.184295	1.5556	1.5556	0.09998	0.568056	-1.76039	0.00553284	3.1389	3.1389	0.230563	1.48383	1.48383	2.71548	4.23375	1.38588	1
cg23850339	KRTAP3-2	0.0871478	0.0661573	0.31781	-3.14653	0.193994	0.465658	-2.1475	0.118847	0.39003	-2.56391	0.983498	1.01157	1.01157	0.0439574	0.27594	-3.62398	0.733874	0.82713	-1.209	0.00977685	0.162516	-6.15325	0.21697	0.485536	-2.05958	0.0361384	0.257876	-3.87784	2.71546	13.3034	4.35479	1
cg02092790	KRT23	0.0871478	0.9235	1.02355	1.02355	0.579331	1.14537	1.14537	0.00784455	0.437362	-2.28644	0.200866	0.720754	-1.38744	0.933311	1.02049	1.02049	0.27684	0.760216	-1.31542	0.400631	1.23188	1.23188	0.0248393	0.523402	-1.91058	0.256353	0.750378	-1.33266	2.71546	2.52678	0.827127	1
cg09487611	KCNA1;KCNA1	0.0871488	0.495641	1.11041	1.11041	0.0629175	1.37262	1.37262	0.049732	1.40332	1.40332	0.736029	1.05255	1.05255	0.287322	0.845999	-1.18203	0.150572	0.791969	-1.26268	0.12129	0.775465	-1.28955	0.0531606	1.39455	1.39455	0.963293	0.993058	-1.00699	2.71544	0.985467	0.322588	1
cg08380539	CTBS	0.0871494	0.224479	0.53709	-1.86189	0.348066	1.60102	1.60102	0.828788	0.899871	-1.11127	0.490732	1.40636	1.40636	0.453236	0.689207	-1.45094	0.489817	0.710529	-1.4074	0.0121707	0.218246	-4.582	0.192132	0.510392	-1.95928	0.0142396	0.229257	-4.36192	2.71544	10.2061	3.34092	1
cg05842036	MAT2A	0.0871522	0.13685	1.54217	1.54217	0.501208	1.20266	1.20266	0.254903	1.37896	1.37896	0.0657686	1.74739	1.74739	0.300312	0.748164	-1.33661	0.113307	1.59332	1.59332	0.0386778	1.91034	1.91034	0.0381789	1.91451	1.91451	0.0301303	1.99238	1.99238	2.7154	3.14247	1.02869	1
cg01022670	DIP2C	0.087153	0.0616209	0.295413	-3.3851	0.440147	0.633818	-1.57774	0.048683	0.271395	-3.68467	0.465818	0.650583	-1.53708	0.0911193	0.340321	-2.9384	0.645817	0.76488	-1.30739	0.0831038	0.329123	-3.03838	0.0346888	4.16274	4.16274	0.542554	0.699748	-1.42908	2.71539	14.428	4.72302	1
cg11763800	C14orf80	0.0871541	0.0400755	0.293328	-3.40916	0.266493	0.549631	-1.8194	0.125267	0.424105	-2.35791	0.19439	0.49179	-2.03339	0.111855	0.408577	-2.44752	0.88234	0.926297	-1.07957	0.00384466	0.133466	-7.49252	0.356878	0.612714	-1.63208	0.191107	0.488914	-2.04535	2.71537	11.4929	3.76226	1
cg15092152	DOCK9;DOCK9;DOCK9;DOCK9	0.0871545	0.177113	0.738708	-1.35372	0.974719	1.00671	1.00671	0.276063	1.27022	1.27022	0.411063	1.19417	1.19417	0.0165599	0.539056	-1.85509	0.267651	1.27606	1.27606	0.0319847	1.69975	1.69975	0.425266	1.18755	1.18755	0.908747	1.0245	1.0245	2.71537	1.91664	0.627421	1
cg10164137	DVL1	0.0871547	0.935573	1.01451	1.01451	0.865827	0.970324	-1.03058	0.530277	1.11992	1.11992	0.200772	1.27216	1.27216	0.0376251	0.650753	-1.53668	0.111191	0.734097	-1.36222	0.292279	0.823126	-1.21488	0.389806	0.854715	-1.16998	0.00966695	0.558058	-1.79193	2.71537	1.36476	0.446762	1
cg10648547	PASK	0.0871552	0.224905	0.664079	-1.50584	0.352207	0.735321	-1.35995	0.126436	0.588044	-1.70055	0.0497746	0.487398	-2.05171	0.0808541	0.53704	-1.86206	0.223196	1.50835	1.50835	0.015729	0.38653	-2.58712	0.393955	1.32368	1.32368	0.836823	0.935916	-1.06847	2.71536	4.43522	1.45189	1
cg15651394	CRIM1	0.0871558	0.342181	1.11538	1.11538	0.0238909	0.740279	-1.35084	0.237091	1.14821	1.14821	0.344858	1.11466	1.11466	0.245402	1.14518	1.14518	0.895517	1.01477	1.01477	0.622772	0.946181	-1.05688	0.434923	1.09295	1.09295	0.0145479	1.39907	1.39907	2.71535	0.535347	0.175249	1
cg11122767	HDAC4	0.0871563	0.291892	0.747045	-1.33861	0.0323477	1.95077	1.95077	0.967112	1.01106	1.01106	0.293056	1.3376	1.3376	0.0587812	0.56596	-1.76691	0.763582	0.922707	-1.08377	0.0304759	1.97021	1.97021	0.546638	1.17666	1.17666	0.378081	0.785706	-1.27274	2.71535	3.05829	1.00115	1
cg21058822	MBOAT4	0.0871568	0.0814254	0.180028	-5.55471	0.0123723	0.0630125	-15.8699	0.0756393	0.172812	-5.78665	0.591817	0.618464	-1.61691	0.0419277	0.124775	-8.01445	0.145573	0.249762	-4.00381	0.0477219	0.134004	-7.46246	0.170706	0.273876	-3.65129	0.0602206	0.152344	-6.56409	2.71534	33.8923	11.0949	1
cg23899285	PSMB6	0.0871571	0.65556	0.928971	-1.07646	0.238273	1.22472	1.22472	0.0118643	0.597215	-1.67444	0.12457	0.761178	-1.31375	0.409087	1.14861	1.14861	0.449845	0.881289	-1.1347	0.591641	0.914963	-1.09294	0.0565406	1.42513	1.42513	0.4577	0.883284	-1.13214	2.71534	1.15821	0.379149	1
cg27193795	C17orf70;C17orf70	0.0871585	0.511439	1.13535	1.13535	0.042379	1.56145	1.56145	0.0408846	1.5681	1.5681	0.465206	1.1522	1.1522	0.0720237	1.46635	1.46635	0.225907	1.2743	1.2743	0.0405341	0.637065	-1.5697	0.977362	0.994606	-1.00542	0.361532	1.19576	1.19576	2.71532	1.56255	0.511516	1
cg17164520	CGB1;SNAR-G1	0.0871607	0.389945	0.848429	-1.17865	0.593586	0.904387	-1.10572	0.493282	0.87826	-1.13861	0.573535	0.899325	-1.11195	0.00927352	0.540107	-1.85148	0.828274	0.960279	-1.04136	0.00819505	0.531968	-1.87981	0.0658828	0.680434	-1.46965	0.313401	0.823214	-1.21475	2.71529	1.49701	0.490069	1
cg08814849	S1PR5;S1PR5	0.0871614	0.317579	0.716371	-1.39592	0.41696	0.765034	-1.30713	0.652221	1.15775	1.15775	0.0148913	2.6299	2.6299	0.0508256	0.487557	-2.05104	0.144722	0.603051	-1.65823	0.216355	0.65702	-1.52202	0.341541	1.37222	1.37222	0.707207	0.885301	-1.12956	2.71528	4.48289	1.46754	1
cg13686799	MS4A15;MS4A15	0.0871628	0.0263765	0.37291	-2.68162	0.014004	0.320904	-3.1162	0.253553	0.639757	-1.56309	0.222701	0.618784	-1.61607	0.0367553	0.402982	-2.4815	0.0528309	0.438482	-2.2806	0.687912	1.1633	1.1633	0.313428	0.676678	-1.47781	0.324005	0.682797	-1.46456	2.71526	6.03439	1.97547	1
cg24287189	SMURF1;SMURF1	0.0871631	0.250616	1.2347	1.2347	0.453368	1.14356	1.14356	0.86721	1.02983	1.02983	0.85526	1.03259	1.03259	0.565542	1.1074	1.1074	0.183018	1.28164	1.28164	0.00160429	2.21395	2.21395	0.307882	1.20366	1.20366	0.239275	1.24164	1.24164	2.71526	1.32636	0.434209	1
cg06587257	ACCN2;ACCN2	0.087164	0.122081	0.547543	-1.82634	0.0110774	0.318228	-3.1424	0.0816772	0.499808	-2.00077	0.579366	1.22293	1.22293	0.0180656	0.35622	-2.80726	0.16399	0.586366	-1.70542	0.168253	0.589921	-1.69514	0.295743	0.677248	-1.47656	0.577222	0.816756	-1.22436	2.71525	5.55571	1.81877	1
cg21257635	SYF2;SYF2	0.0871648	0.00349239	0.41459	-2.41202	0.654787	1.10516	1.10516	0.166272	1.38814	1.38814	0.760851	0.934423	-1.07018	0.889643	1.03133	1.03133	0.196951	1.35403	1.35403	0.560744	0.877487	-1.13962	0.556943	0.876348	-1.1411	0.613573	0.893029	-1.11978	2.71524	2.12285	0.694959	1
cg22635723	ADD3;ADD3;ADD3	0.0871694	0.434765	1.53625	1.53625	0.642574	1.28633	1.28633	0.0929333	2.70708	2.70708	0.906012	0.938349	-1.0657	?	?	?	0.0116908	0.183168	-5.45947	0.0838617	0.356791	-2.80276	0.412129	1.57109	1.57109	0.799309	1.14712	1.14712	2.74732	11.2256	4.08602	1
cg16815625	TRAPPC9;TRAPPC9	0.0871696	0.946213	1.06544	1.06544	0.727795	1.38862	1.38862	0.452143	0.486901	-2.05381	0.633446	1.57051	1.57051	0.00429709	0.0276581	-36.1558	0.789308	0.77753	-1.28612	0.338443	0.395692	-2.52722	0.307407	2.69858	2.69858	0.0487789	0.120703	-8.28478	2.71517	37.9619	12.4279	1
cg07637365	7-Mar	0.0871717	0.156463	0.845325	-1.18298	0.259124	1.13941	1.13941	0.212936	1.15651	1.15651	0.0453156	0.775276	-1.28986	0.206696	1.15908	1.15908	0.0676403	0.796966	-1.25476	0.982097	0.997516	-1.00249	0.173298	0.851617	-1.17424	0.16869	1.17654	1.17654	2.71515	0.528432	0.172999	1
cg15155990	FAM22A	0.0871732	0.0666126	0.51255	-1.95103	0.138414	0.595488	-1.67929	0.205773	0.648081	-1.54302	0.123766	1.71892	1.71892	0.0356542	0.451775	-2.21349	0.180417	0.629892	-1.58757	0.161532	0.615196	-1.6255	0.189874	1.5702	1.5702	0.340462	0.726708	-1.37607	2.71513	4.54079	1.48658	1
cg12083122	LEP	0.0871771	0.487288	0.771535	-1.29612	0.257208	0.647539	-1.54431	0.945788	0.975318	-1.02531	0.604964	0.82549	-1.2114	0.0330958	0.400243	-2.49848	0.391661	0.724303	-1.38064	0.0110266	3.22792	3.22792	0.258215	1.54277	1.54277	0.70827	0.870974	-1.14814	2.71508	5.80808	1.90151	1
cg03071876	SP6	0.087179	0.0602142	4.43689	4.43689	0.0680269	0.237737	-4.20634	0.417515	0.558555	-1.79034	0.417904	0.558838	-1.78943	0.233993	0.416014	-2.40377	0.315386	0.482036	-2.07453	0.108739	0.292381	-3.42019	0.0701071	4.1512	4.1512	0.296228	2.14117	2.14117	2.71505	21.2477	6.95635	1
cg01072807	SMYD3;SMYD3	0.0871814	0.853913	0.946278	-1.05677	0.527156	0.825352	-1.2116	0.224438	0.682294	-1.46564	0.401583	1.2933	1.2933	0.0056307	0.336676	-2.97022	0.0393273	0.489556	-2.04267	0.839058	1.06282	1.06282	0.905205	1.03634	1.03634	0.106254	0.589512	-1.69632	2.71502	3.85918	1.26348	1
cg15974698	TGM1	0.0871854	0.029459	0.341856	-2.92521	0.0294127	0.341715	-2.92642	0.175134	0.546827	-1.82873	0.873944	1.06872	1.06872	0.0316289	0.348262	-2.8714	0.0315655	0.34808	-2.8729	0.121785	0.495533	-2.01803	0.851828	0.924711	-1.08142	0.208119	0.573757	-1.7429	2.71497	7.53472	2.46689	1
cg05583398	LRRC3B	0.0871858	0.363348	0.866679	-1.15383	0.529233	1.10255	1.10255	0.13997	1.27536	1.27536	0.114474	0.768786	-1.30075	0.536198	0.908517	-1.10069	0.0338787	0.684281	-1.46139	0.122625	0.773964	-1.29205	0.87324	0.975841	-1.02476	0.0482549	1.413	1.413	2.71496	1.00874	0.330266	1
cg27233151	PRKG2	0.0871873	0.0298136	0.172309	-5.80352	0.988185	1.01024	1.01024	0.352099	0.517565	-1.93212	0.561903	0.668075	-1.49684	0.0138867	0.123609	-8.09002	0.620729	0.709592	-1.40926	0.0170178	0.135162	-7.39854	0.129021	0.323604	-3.0902	0.115557	0.308315	-3.24343	2.71494	20.3408	6.65971	1
cg10678630	MAP1D	0.0871889	0.612152	0.928761	-1.0767	0.42647	1.12454	1.12454	0.0030869	1.79567	1.79567	0.706835	1.05613	1.05613	0.132335	1.2646	1.2646	0.553249	1.09056	1.09056	0.525813	1.09738	1.09738	0.319228	0.86175	-1.16043	0.150434	1.24957	1.24957	2.71492	0.898395	0.294142	1
cg15034683	PTPRN2;PTPRN2;PTPRN2	0.0871891	0.839658	1.03409	1.03409	0.0633084	1.41285	1.41285	0.229598	1.23197	1.23197	0.541933	1.10757	1.10757	0.0584067	0.701943	-1.42462	0.795929	1.04382	1.04382	0.0264956	1.54544	1.54544	0.145449	1.29523	1.29523	0.208313	0.802901	-1.24548	2.71492	1.17757	0.385547	1
cg06528559	LOC100132215	0.0871927	0.0811039	10.2767	10.2767	0.106893	8.33607	8.33607	0.269888	3.99133	3.99133	0.23634	4.45883	4.45883	0.0703902	11.4327	11.4327	0.166227	5.92117	5.92117	0.0117249	44.4063	44.4063	0.0245978	25.1577	25.1577	0.0530822	14.1248	14.1248	2.71487	62.4068	20.4329	1
cg14291291	ITPR3	0.0871928	0.0525209	0.599594	-1.66779	0.0299432	0.552897	-1.80865	0.470952	0.84353	-1.18549	0.56933	0.875081	-1.14275	0.00549922	0.42876	-2.3323	0.182715	0.720304	-1.3883	0.102926	0.661027	-1.5128	0.206036	0.733815	-1.36274	0.287758	0.774074	-1.29187	2.71487	2.31477	0.757891	1
cg11781986	RIPK3	0.0871931	0.0223025	7.19258	7.19258	0.067498	4.37487	4.37487	0.786744	1.21576	1.21576	0.317543	2.1051	2.1051	0.451458	1.73798	1.73798	0.606203	1.45446	1.45446	0.00740925	12.0054	12.0054	0.393395	1.87736	1.87736	0.0475118	5.11967	5.11967	2.71487	22.3179	7.30721	1
cg16263025	TRPC3;TRPC3	0.0871968	0.138914	1.7558	1.7558	0.0916236	0.518706	-1.92788	0.333706	0.703023	-1.42243	0.288188	1.47651	1.47651	0.817835	1.08495	1.08495	0.0439186	2.26671	2.26671	0.018893	2.73149	2.73149	0.726751	0.883394	-1.132	0.829896	0.926786	-1.079	2.71482	5.3699	1.75822	1
cg06504526	SIM1	0.0871987	0.0678108	0.212064	-4.71556	0.0286636	7.07744	7.07744	0.103052	3.86517	3.86517	0.433857	0.545845	-1.83202	0.90815	1.09144	1.09144	0.312057	0.452564	-2.20963	0.514613	0.60593	-1.65036	0.0574002	5.10116	5.10116	0.86215	0.876551	-1.14083	2.71479	24.7122	8.09137	1
cg15422307	KCNQ1;KCNQ1OT1;KCNQ1	0.0872021	0.0332735	0.472781	-2.11514	0.127961	0.609292	-1.64125	0.0091259	0.368926	-2.71057	0.320787	0.734294	-1.36185	0.0346951	0.476505	-2.09861	0.215772	0.675548	-1.48028	0.733878	0.902364	-1.1082	0.999584	0.999843	-1.00016	0.0924911	0.572676	-1.74619	2.71475	3.89725	1.27607	1
cg07833262	EMX2OS	0.0872022	0.0263208	0.0915544	-10.9225	0.0488902	0.129912	-7.69752	0.352086	0.419369	-2.38453	0.127539	0.224181	-4.46067	0.0724047	0.16214	-6.16753	0.0569506	0.14158	-7.06316	0.019214	0.0764899	-13.0736	0.0974063	0.191933	-5.21016	0.101054	0.196015	-5.10165	2.71475	35.4068	11.5932	1
cg12449528	MFSD2B	0.0872023	0.986797	1.00739	1.00739	0.0269068	3.20725	3.20725	0.0494152	2.71049	2.71049	0.390886	1.47836	1.47836	0.293858	0.616209	-1.62283	0.0500413	2.70108	2.70108	0.347908	1.53688	1.53688	0.227189	1.75727	1.75727	0.0260381	3.2367	3.2367	2.71475	8.50179	2.78374	1
cg13676215	AHR	0.0872031	0.0312314	0.232994	-4.29196	0.0111119	0.15966	-6.26331	0.172783	0.433369	-2.3075	0.315154	0.549587	-1.81955	0.0960659	0.348785	-2.8671	0.0567328	0.288551	-3.4656	0.237113	0.489769	-2.04178	0.031622	0.234037	-4.27282	0.286881	0.5287	-1.89143	2.71474	14.2804	4.67585	1
cg05296700	C20orf132;RPN2;C20orf132;RPN2;C20orf132	0.0872047	0.0797569	0.677618	-1.47576	0.0145606	0.547551	-1.82631	0.934892	0.98378	-1.01649	0.624221	0.905906	-1.10387	0.181754	0.752985	-1.32805	0.0851748	1.46365	1.46365	0.131266	0.721729	-1.38556	0.0860268	0.684076	-1.46183	0.670137	0.917814	-1.08955	2.71472	1.72238	0.563966	1
cg00692367	RD3;RD3;RD3;RD3	0.0872053	0.0314794	0.477703	-2.09335	0.351586	0.755227	-1.3241	0.786306	0.923505	-1.08283	0.595052	0.854619	-1.17011	0.0189293	0.435047	-2.2986	0.15682	1.55809	1.55809	0.765473	1.09156	1.09156	0.0992784	1.69747	1.69747	0.924707	0.972698	-1.02807	2.71471	3.68707	1.20727	1
cg12943383	BRMS1L	0.0872053	0.033926	0.297028	-3.36669	0.0465762	0.327146	-3.05674	0.0949195	0.406681	-2.45893	0.126347	0.44451	-2.24967	0.0102945	0.204924	-4.87986	0.184898	0.501893	-1.99245	0.287897	0.582202	-1.71762	0.826271	0.897836	-1.11379	0.06679	0.365118	-2.73884	2.71471	10.334	3.3837	1
cg14186641	CNR1;CNR1;CNR1;CNR1	0.0872061	0.28499	4.72543	4.72543	0.848618	1.30633	1.30633	0.0499571	22.7863	22.7863	0.429672	0.323903	-3.08735	0.355076	0.264394	-3.78223	0.429493	0.323755	-3.08876	0.796245	0.696397	-1.43596	0.0134923	71.9775	71.9775	0.0550952	20.9292	20.9292	2.7147	84.0718	27.5281	1
cg04324917	LOC100129637	0.0872065	0.0825283	0.449954	-2.22245	0.337651	1.50757	1.50757	0.757526	0.879321	-1.13724	0.72763	0.864846	-1.15628	0.109848	0.484899	-2.06228	0.0106184	0.263332	-3.79749	0.276728	1.59971	1.59971	0.599067	0.802263	-1.24647	0.0612385	0.416492	-2.40101	2.71469	7.41505	2.42796	1
cg17229698	SLIT3	0.0872069	0.190705	2.14168	2.14168	0.0406073	3.66754	3.66754	0.171616	2.22537	2.22537	0.920244	1.05659	1.05659	0.0658451	0.321595	-3.1095	0.927292	0.951071	-1.05145	0.0829377	2.87279	2.87279	0.123215	2.50382	2.50382	0.0561212	3.28404	3.28404	2.71469	12.9892	4.25314	1
cg19592472	OXT;OXT	0.087208	0.23581	1.7017	1.7017	0.39984	1.446	1.446	0.300047	0.631563	-1.58337	0.0870118	0.445435	-2.245	0.616584	1.24112	1.24112	0.289595	1.60058	1.60058	0.0166581	3.4936	3.4936	0.0475183	2.6378	2.6378	0.670406	0.832607	-1.20105	2.71467	7.87276	2.57785	1
cg09443388	XKR4	0.0872081	0.129439	0.319361	-3.13125	0.00494552	0.0747762	-13.3732	0.0266179	0.160304	-6.23813	0.712274	0.772529	-1.29445	0.138172	0.328835	-3.04104	0.295859	0.469904	-2.12809	0.117429	0.305814	-3.26996	0.140898	0.331734	-3.01446	0.495868	0.617694	-1.61892	2.71467	20.8702	6.8337	1
cg05844390	PHYHIP;PHYHIP	0.0872089	0.212395	1.72296	1.72296	0.0105245	3.79347	3.79347	0.0802695	2.23387	2.23387	0.0690569	2.32249	2.32249	0.910642	1.0476	1.0476	0.0566953	2.44358	2.44358	0.342079	1.50001	1.50001	0.0671406	2.33942	2.33942	0.0461769	2.57603	2.57603	2.71466	7.37659	2.41539	1
cg11669397	ICMT	0.0872095	0.0272743	0.651036	-1.53601	0.690957	1.06786	1.06786	0.079081	1.37758	1.37758	0.876462	0.974765	-1.02589	0.214818	0.806918	-1.23928	0.223262	0.810388	-1.23398	0.0326324	0.663127	-1.50801	0.413568	1.14721	1.14721	0.511231	1.11569	1.11569	2.71465	1.16052	0.380003	1
cg00663077	ZFP42	0.0872105	0.0117011	18.1372	18.1372	0.268357	2.88819	2.88819	0.31785	2.58538	2.58538	0.901198	0.892023	-1.12105	0.742272	0.738164	-1.35471	0.173206	0.263604	-3.79357	0.23786	3.11897	3.11897	0.0201723	13.1673	13.1673	0.570195	1.69533	1.69533	2.71464	36.3886	11.9152	1
ch.19.1306964F	PSMC4;PSMC4	0.0872114	0.898444	0.944252	-1.05904	0.0297985	3.15415	3.15415	0.357503	1.52976	1.52976	0.00761908	0.214074	-4.67128	0.78457	0.884173	-1.131	0.473991	1.38699	1.38699	0.580994	1.28459	1.28459	0.79858	1.12174	1.12174	0.418707	1.4495	1.4495	2.71463	8.67702	2.84124	1
cg24072599	T	0.0872128	0.238493	1.39505	1.39505	0.938174	0.979298	-1.02114	0.426805	0.803478	-1.24459	0.121701	0.636086	-1.57212	0.00686972	0.389126	-2.56986	0.0671352	0.575036	-1.73902	0.123238	0.637462	-1.56872	0.239415	0.717332	-1.39406	0.868443	1.04572	1.04572	2.71461	3.12641	1.02373	1
cg16309721	CEP72	0.0872152	0.719824	0.960486	-1.04114	0.213255	1.15801	1.15801	0.318311	0.890968	-1.12238	0.633816	1.05518	1.05518	0.772167	1.03303	1.03303	0.0855915	1.23699	1.23699	0.0151266	1.39667	1.39667	0.0721155	0.798777	-1.25191	0.287835	0.883808	-1.13147	2.71458	0.53861	0.176368	1
cg22776443	MRPL36	0.0872153	0.0482405	0.52423	-1.90756	0.462927	0.807533	-1.23834	0.290811	0.730786	-1.36839	0.498843	0.82166	-1.21705	0.00596937	0.357588	-2.79651	0.156667	0.648276	-1.54255	0.977713	1.00802	1.00802	0.11477	0.612202	-1.63345	0.0335543	0.491454	-2.03478	2.71458	3.51921	1.15237	1
cg05979232	C10orf105;CDH23	0.0872154	0.715865	0.902989	-1.10743	0.63019	0.873348	-1.14502	0.380984	0.778142	-1.28511	0.420519	0.794748	-1.25826	0.228501	1.42307	1.42307	0.036467	1.97123	1.97123	0.01241	2.38386	2.38386	0.302649	1.34725	1.34725	0.255293	0.71782	-1.39311	2.71458	3.35026	1.09705	1
cg26185859	BCL11A;BCL11A;BCL11A	0.0872177	0.470257	0.738338	-1.35439	0.37678	1.45434	1.45434	0.734212	1.15112	1.15112	0.901345	1.05255	1.05255	0.0196714	0.312334	-3.2017	0.0504202	2.51148	2.51148	0.224119	0.590142	-1.69451	0.306677	0.645945	-1.54812	0.0580837	0.412888	-2.42196	2.71455	7.33215	2.40094	1
cg09751071	GPR123	0.087219	0.279124	0.788428	-1.26835	0.351332	0.816576	-1.22463	0.93398	1.01766	1.01766	0.870003	1.03521	1.03521	0.843521	1.04263	1.04263	0.583148	1.12421	1.12421	0.00228842	2.4616	2.4616	0.910757	0.976592	-1.02397	0.614552	0.898283	-1.11323	2.71453	1.91866	0.628277	1
cg09750643	HCCA2;KRTAP5-6	0.0872208	0.236792	0.481006	-2.07898	0.148395	0.400388	-2.49758	0.0306786	0.223343	-4.47742	0.210548	0.458866	-2.17929	0.193188	0.443508	-2.25475	0.289492	0.522479	-1.91395	0.0106635	0.150242	-6.65594	0.0234214	0.202132	-4.94727	0.0774852	0.313883	-3.1859	2.71451	14.9882	4.90801	1
cg00502222	GALNT9	0.0872219	0.134423	1.91233	1.91233	0.157256	1.83592	1.83592	0.283045	1.56523	1.56523	0.667556	0.840666	-1.18953	0.0278414	0.351995	-2.84095	0.327763	0.666463	-1.50046	0.0983718	2.07118	2.07118	0.535653	0.777282	-1.28653	0.118062	0.505767	-1.97719	2.71449	6.93639	2.2714	1
cg25945090	C19orf40;CCDC123	0.0872221	0.149299	2.29262	2.29262	0.389414	1.60523	1.60523	0.474017	1.47802	1.47802	0.549761	0.722727	-1.38365	0.0503268	3.31053	3.31053	?	?	?	?	?	?	0.0745818	2.90319	2.90319	0.0127232	5.26558	5.26558	2.78645	9.88238	4.05324	1
cg20013920	TBCD	0.0872264	0.0408637	0.358662	-2.78814	0.722768	0.856636	-1.16736	0.629236	0.8095	-1.23533	0.462475	1.38393	1.38393	0.00494708	0.198526	-5.03712	0.210636	0.563824	-1.7736	0.236198	0.583207	-1.71466	0.717982	0.85423	-1.17064	0.0851841	0.437461	-2.28592	2.71443	8.11294	2.65673	1
cg11843516	ESPNP	0.0872277	0.180633	0.722924	-1.38327	0.0575818	0.612565	-1.63248	0.00800479	0.460412	-2.17197	0.803201	0.944604	-1.05864	0.0894191	0.652189	-1.5333	0.203897	0.736357	-1.35804	0.129167	0.687825	-1.45386	0.0279497	0.552819	-1.80891	0.784743	0.939424	-1.06448	2.71441	2.23936	0.733324	1
cg01411912	S100A4;S100A4	0.0872278	0.235225	0.763503	-1.30975	0.350696	0.811931	-1.23163	0.0215582	0.549557	-1.81965	0.301864	0.792946	-1.26112	0.722123	0.925473	-1.08053	0.0900224	1.49972	1.49972	0.0538311	1.60776	1.60776	0.245289	0.768284	-1.3016	0.4622	0.850156	-1.17625	2.71441	2.02248	0.662303	1
cg07260273	BCL7A;BCL7A	0.0872279	0.674119	0.874352	-1.1437	0.556304	1.20795	1.20795	0.748516	1.10752	1.10752	0.940453	1.024	1.024	0.00594535	0.319171	-3.13312	0.0561344	0.503193	-1.98731	0.259234	0.688196	-1.45308	0.159223	1.61225	1.61225	0.924117	1.03071	1.03071	2.71441	4.33326	1.41901	1
cg01261206	AP2A2	0.087229	0.0573582	0.284337	-3.51695	0.29319	0.528409	-1.89247	0.127104	2.62531	2.62531	0.847061	0.893191	-1.11958	0.0173149	0.18347	-5.45047	0.0384973	0.245989	-4.06522	0.175197	0.430246	-2.32425	0.491186	0.664284	-1.50538	0.263293	0.505503	-1.97823	2.7144	14.7114	4.81758	1
cg05407338	ARHGEF15	0.0872297	0.22291	0.586285	-1.70566	0.15409	0.529352	-1.8891	0.0966177	0.467454	-2.13925	0.784261	1.12121	1.12121	0.0423519	0.377271	-2.65061	0.689395	1.18234	1.18234	0.0114091	0.267111	-3.74376	0.0366312	0.363348	-2.75219	0.632794	0.818168	-1.22224	2.71439	7.47213	2.44692	1
cg02667756	LOC100133050	0.0872315	0.115196	0.510416	-1.95919	0.225759	1.64792	1.64792	0.867294	0.936441	-1.06787	0.265579	0.634097	-1.57705	0.00477192	0.229663	-4.3542	0.130302	0.526434	-1.89957	0.183116	0.574267	-1.74135	0.709266	0.863239	-1.15843	0.212981	0.597491	-1.67366	2.71436	6.6284	2.17064	1
cg22209752	THOC7;ATXN7;ATXN7	0.0872332	0.0491627	1.68954	1.68954	0.276251	1.30279	1.30279	0.0611787	1.63678	1.63678	0.864795	0.960979	-1.04061	0.284433	1.29654	1.29654	0.114873	1.49247	1.49247	0.132831	0.684714	-1.46046	0.0295676	1.81908	1.81908	0.113361	1.49541	1.49541	2.71434	2.34494	0.767917	1
cg05214676	MAML3	0.0872333	0.474064	1.14138	1.14138	0.818538	0.959119	-1.04262	0.198844	0.781447	-1.27968	0.65151	1.08609	1.08609	0.671966	0.925554	-1.08043	0.264498	0.80958	-1.23521	0.00312929	2.08301	2.08301	0.960582	1.00902	1.00902	0.589831	0.905878	-1.1039	2.71434	1.41824	0.464443	1
cg19178320	ABHD6	0.0872339	0.528483	1.13059	1.13059	0.0563728	1.51475	1.51475	0.261829	1.25218	1.25218	0.101792	0.708753	-1.41093	0.0492099	0.649553	-1.53952	0.221276	0.781053	-1.28032	0.831362	0.959842	-1.04184	0.787462	0.949388	-1.05331	0.0676131	1.48219	1.48219	2.71433	1.58798	0.520033	1
cg16459890	CASP1;CARD16;CASP1;CASP1;CASP1;CASP1;CARD16	0.0872341	0.942908	1.03243	1.03243	0.307657	0.624635	-1.60093	0.0785743	0.418676	-2.38848	0.186202	0.535504	-1.8674	0.0657635	0.398468	-2.50961	0.941801	0.967986	-1.03307	0.202723	1.82082	1.82082	0.0222874	3.38929	3.38929	0.392587	0.676852	-1.47743	2.71433	8.53723	2.79577	1
cg09722742	SPOCK3;SPOCK3;SPOCK3;SPOCK3	0.0872352	0.978892	0.990207	-1.00989	0.139248	1.80753	1.80753	0.49063	1.29752	1.29752	0.472576	0.762025	-1.31229	0.334005	0.690279	-1.44869	0.374526	0.712436	-1.40364	0.328464	1.45529	1.45529	0.00510981	3.96019	3.96019	0.140429	1.80388	1.80388	2.71432	5.94866	1.94808	1
cg15630599	COLEC12	0.0872371	0.0512044	0.204299	-4.89478	0.321917	2.07913	2.07913	0.856069	1.13868	1.13868	0.0491686	0.200651	-4.98377	0.0146948	0.116681	-8.57034	0.39102	0.533305	-1.8751	0.282499	0.449857	-2.22293	0.0784109	0.246981	-4.04889	0.145035	0.326451	-3.06325	2.71429	21.9951	7.20307	1
cg04688596	FBN3	0.0872384	0.0399576	0.421204	-2.37415	0.680145	0.859878	-1.16296	0.0134497	0.328111	-3.04775	0.43622	0.748817	-1.33544	0.0875761	0.503211	-1.98724	0.47979	0.769821	-1.299	0.388224	0.724667	-1.37994	0.0103816	0.308687	-3.23952	0.617212	0.832349	-1.20142	2.71427	5.70089	1.86697	1
cg19979107	GPR155;GPR155	0.0872391	0.904833	1.03179	1.03179	0.0652091	1.71867	1.71867	0.496983	1.19772	1.19772	0.147732	0.666096	-1.50129	0.0236461	0.493198	-2.02759	0.0354431	0.526942	-1.89774	0.357525	0.78071	-1.28088	0.859865	0.954821	-1.04732	0.57971	1.1576	1.1576	2.71427	2.94224	0.963548	1
cg13646565	ZNF430	0.08724	0.0823589	0.667734	-1.4976	0.0828879	0.668296	-1.49634	0.210565	0.758142	-1.31901	0.179789	0.741556	-1.34852	0.0716511	0.65565	-1.5252	0.0220098	0.561853	-1.77983	0.236168	1.29761	1.29761	0.823535	1.04799	1.04799	0.383337	1.20637	1.20637	2.71425	1.89351	0.620102	1
cg01051642	C1orf93	0.0872432	0.358392	1.31517	1.31517	0.0907889	1.71684	1.71684	0.34866	1.32298	1.32298	0.657182	0.878472	-1.13834	0.0758878	0.563799	-1.77368	0.774465	0.920039	-1.08691	0.720851	1.10969	1.10969	0.0433843	1.96192	1.96192	0.0190437	2.27815	2.27815	2.71421	3.61734	1.18466	1
cg06399135	SLC8A2	0.0872438	0.295344	1.59637	1.59637	0.767252	1.13646	1.13646	0.191945	0.551378	-1.81364	0.247642	1.68363	1.68363	0.149488	0.513712	-1.94661	0.212058	1.76219	1.76219	0.104093	0.464921	-2.1509	0.0410659	2.76212	2.76212	0.0766117	2.33702	2.33702	2.71421	7.98531	2.61515	1
cg21126118	SOD2;SOD2;SOD2	0.0872438	0.0515024	0.631656	-1.58314	0.122258	0.70673	-1.41497	0.163937	1.36049	1.36049	0.477012	1.16166	1.16166	0.0712845	0.658682	-1.51818	0.0381718	0.607764	-1.64538	0.281203	1.26128	1.26128	0.585753	0.892208	-1.12081	0.632154	1.10512	1.10512	2.71421	1.84642	0.604695	1
cg05447955	GAB2	0.0872438	0.127391	1.83723	1.83723	0.142984	0.559418	-1.78757	0.0313614	0.393886	-2.53881	0.141746	1.79128	1.79128	0.450695	1.32786	1.32786	0.139825	1.79711	1.79711	0.220608	0.621786	-1.60827	0.27213	1.52466	1.52466	0.388615	1.38544	1.38544	2.7142	5.85231	1.9166	1
cg12847125	PTP4A3;PTP4A3	0.0872444	0.531381	0.431362	-2.31824	0.0191297	0.0232742	-42.966	0.0257653	0.0298456	-33.5058	0.181061	0.152101	-6.5746	0.0486389	0.0504461	-19.8231	0.492312	0.396594	-2.52147	0.0292649	0.0331725	-30.1455	0.100378	0.0918961	-10.8818	0.977039	1.03891	1.03891	2.7142	75.6046	24.7602	1
cg05879324	RTN1	0.0872452	0.0250197	1.57584	1.57584	0.0341577	1.52441	1.52441	0.0756129	0.713673	-1.4012	0.377482	0.85688	-1.16702	0.957939	0.991045	-1.00904	0.739126	1.05866	1.05866	0.403776	1.15687	1.15687	0.22832	1.24069	1.24069	0.332201	0.843135	-1.18605	2.71419	1.25056	0.409555	1
cg07681728	RPL39L	0.0872453	0.0373262	67.346	67.346	0.954346	1.10488	1.10488	0.127242	17.6908	17.6908	0.393029	0.217791	-4.59155	0.418389	0.236817	-4.22266	0.380334	0.208542	-4.79521	0.437668	0.251789	-3.97158	0.0469952	52.4857	52.4857	0.0398997	62.6546	62.6546	2.71419	130.447	42.7212	1
cg20951650	IRS1	0.0872455	0.260326	0.798196	-1.25283	0.266266	0.800611	-1.24905	0.173785	0.757441	-1.32024	0.809702	1.0474	1.0474	0.0130456	0.553629	-1.80626	0.0585026	0.66341	-1.50736	0.717172	0.932544	-1.07234	0.62839	0.910619	-1.09815	0.0101023	0.536292	-1.86466	2.71418	1.58433	0.518866	1
cg12691230	XCR1;XCR1	0.0872468	0.308993	0.754421	-1.32552	0.210162	0.702259	-1.42398	0.329321	0.763796	-1.30925	0.0226802	2.07543	2.07543	0.0838799	1.66859	1.66859	0.484651	1.20934	1.20934	0.0397682	1.88943	1.88943	0.810256	1.0665	1.0665	0.274354	1.35584	1.35584	2.71417	3.07943	1.00851	1
cg14935258	ADAMTS9	0.0872488	?	?	?	0.283865	1.47907	1.47907	0.0363129	2.35283	2.35283	0.550778	0.808801	-1.2364	0.518447	0.794416	-1.25879	0.912101	1.03958	1.03958	0.167792	0.596402	-1.67672	0.603954	1.20198	1.20198	0.0134297	2.93342	2.93342	2.74625	4.77837	1.73996	1
cg07001421	PPT2;PPT2	0.0872555	0.552213	0.716921	-1.39485	0.0784986	2.94908	2.94908	0.522968	1.43083	1.43083	0.125982	0.400039	-2.49976	0.034763	0.256193	-3.90331	0.0225279	0.22047	-4.53577	0.652718	0.778284	-1.28488	0.900994	0.933445	-1.0713	0.162157	0.437833	-2.28397	2.71405	13.1631	4.31108	1
cg07177430	ZNF195;ZNF195;ZNF195	0.0872561	0.49912	0.816727	-1.2244	0.0438146	1.98119	1.98119	0.237056	1.44127	1.44127	0.565473	0.842457	-1.187	0.0314693	0.474995	-2.10529	0.399118	0.775137	-1.29009	0.0508846	0.518772	-1.92763	0.252531	0.702811	-1.42286	0.574782	1.18206	1.18206	2.71404	3.74253	1.22573	1
cg17110767	SDCCAG8	0.0872586	0.28036	1.92226	1.92226	0.00978353	6.70136	6.70136	0.0153131	5.66178	5.66178	0.147738	2.47066	2.47066	0.255032	1.99785	1.99785	0.178269	2.30012	2.30012	0.035273	4.16995	4.16995	0.3322	1.79069	1.79069	0.205455	2.17699	2.17699	2.71401	14.5785	4.77472	1
cg22459204	ANKRD33B	0.0872619	0.0237175	0.260722	-3.8355	0.184605	0.496269	-2.01504	0.486693	0.70336	-1.42175	0.0864735	0.389495	-2.56743	0.0183549	0.240548	-4.15718	0.631368	0.786081	-1.27213	0.169803	0.482832	-2.07111	0.0168237	0.234011	-4.27329	0.146178	0.459918	-2.1743	2.71397	10.6557	3.49001	1
cg07565228	LDHD;LDHD	0.0872622	0.543401	1.37178	1.37178	0.891222	1.07285	1.07285	0.106339	0.404017	-2.47514	0.631847	1.28157	1.28157	0.114881	0.414326	-2.41356	0.0293306	0.267355	-3.74034	0.00815799	0.175505	-5.69786	0.724184	0.833534	-1.19971	0.423172	0.65677	-1.5226	2.71397	11.3525	3.71822	1
cg08901151	MAD1L1;MAD1L1;MAD1L1	0.087263	0.788084	0.956174	-1.04583	0.15806	1.28536	1.28536	0.399414	1.1543	1.1543	0.0880111	1.36775	1.36775	0.273401	1.20876	1.20876	0.0480949	1.45614	1.45614	0.00357191	1.92813	1.92813	0.509295	1.11779	1.11779	0.358823	1.16993	1.16993	2.71395	1.18928	0.389521	1
cg01723031	TBC1D1	0.0872631	0.802497	0.935425	-1.06903	0.273316	0.738106	-1.35482	0.0343301	0.518102	-1.93012	0.0804145	1.67624	1.67624	0.207011	0.701551	-1.42541	0.298524	0.75049	-1.33246	0.0697165	0.582577	-1.71651	0.137028	0.652701	-1.53209	0.0379597	0.526804	-1.89824	2.71395	3.04966	0.998841	1
cg03343403	RER1	0.0872648	0.0603893	0.509307	-1.96345	0.314044	0.717693	-1.39335	0.458792	0.786369	-1.27167	0.161687	0.621203	-1.60978	0.0324274	0.450306	-2.22071	0.0148889	0.385134	-2.5965	0.10719	0.571083	-1.75106	0.312229	1.39521	1.39521	0.137011	0.600311	-1.6658	2.71393	4.36269	1.4289	1
cg01785566	WWOX	0.0872651	0.0180203	0.500052	-1.99979	0.273594	1.31627	1.31627	0.189698	1.39801	1.39801	0.280814	0.76309	-1.31046	0.0580485	0.596468	-1.67654	0.0734094	0.61787	-1.61846	0.725687	1.08868	1.08868	0.716797	0.915884	-1.09184	0.208706	0.726407	-1.37664	2.71393	2.50054	0.818997	1
cg18721397	SUB1	0.0872665	0.160442	0.468336	-2.13522	0.485307	1.43149	1.43149	0.866559	0.91844	-1.0888	0.0116781	0.203063	-4.92458	0.0249809	0.259391	-3.85518	0.194357	0.499283	-2.00287	0.0706497	0.359884	-2.77867	0.793955	0.875976	-1.14158	0.110751	0.415149	-2.40877	2.71391	11.0007	3.60306	1
cg22818965	ESX1	0.0872681	0.0728125	2.91578	2.91578	0.302704	0.565024	-1.76984	0.618177	0.764376	-1.30826	0.443997	1.51784	1.51784	0.0466225	3.38162	3.38162	0.318113	0.575928	-1.73633	0.958695	1.02808	1.02808	0.0116179	5.40244	5.40244	0.372187	1.63217	1.63217	2.71389	12.2897	4.02527	1
cg07596645	TNNT2;TNNT2;TNNT2;TNNT2	0.08727	0.0938074	0.350215	-2.85539	0.036104	0.249609	-4.00627	0.0639985	0.305645	-3.27177	0.083686	0.33621	-2.97434	0.0352259	0.24744	-4.04138	0.0624952	0.303082	-3.29943	0.098307	0.35615	-2.80781	0.0396814	0.258101	-3.87446	0.0698676	0.315304	-3.17155	2.71386	13.9358	4.56447	1
cg27617225	CPSF1;MIR1234	0.0872703	0.0975405	0.557576	-1.79348	0.807531	1.08158	1.08158	0.0546617	0.496405	-2.01448	0.0207713	0.408872	-2.44575	0.135082	0.595951	-1.67799	0.103652	0.564491	-1.77151	0.791676	0.918459	-1.08878	0.220333	1.51293	1.51293	0.0773703	0.532135	-1.87922	2.71386	4.43741	1.45342	1
cg20159775	BTBD3	0.0872724	0.115201	0.796834	-1.25497	?	?	?	0.732081	0.955453	-1.04662	0.0257285	0.703809	-1.42084	0.0280394	0.708853	-1.41073	0.157567	0.818408	-1.22188	0.297625	0.866602	-1.15393	0.26821	1.16524	1.16524	0.420693	1.11526	1.11526	2.74594	0.679733	0.247541	1
cg00582941	AHCY;AHCY	0.0872731	0.253064	0.722072	-1.3849	0.0319785	0.503843	-1.98474	0.806555	0.935266	-1.06921	0.0576051	1.79625	1.79625	0.06212	0.563885	-1.77341	0.999971	1.00001	1.00001	0.128161	0.638499	-1.56617	0.197243	1.4504	1.4504	0.753751	1.08963	1.08963	2.71382	3.19825	1.04756	1
cg27353346	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0872775	0.171439	1.59441	1.59441	0.350193	1.36083	1.36083	0.172393	0.627926	-1.59255	0.352285	0.735884	-1.35891	0.278096	0.696728	-1.43528	0.110516	1.74577	1.74577	0.0476371	0.483967	-2.06626	0.312427	1.39764	1.39764	0.0607322	0.507933	-1.96876	2.71377	4.41208	1.44517	1
cg01087419	C12orf69;C12orf60	0.0872778	0.720585	1.05474	1.05474	0.0318231	0.688431	-1.45258	0.653339	0.935116	-1.06939	0.082586	1.33015	1.33015	0.703153	0.944771	-1.05846	0.316705	1.16602	1.16602	0.0126141	1.58442	1.58442	0.792454	1.03991	1.03991	0.999437	1.0001	1.0001	2.71376	0.94637	0.309982	1
cg14173442	SACS	0.0872785	0.475493	0.746469	-1.33964	0.375203	0.692985	-1.44303	0.120512	0.507335	-1.97108	0.194332	0.575057	-1.73896	0.0693872	0.441069	-2.26722	0.373766	0.692179	-1.44471	0.0147736	0.298537	-3.34967	0.00675142	0.242905	-4.11684	0.562971	0.790051	-1.26574	2.71375	6.97896	2.28596	1
cg24349631	C22orf26;LOC150381	0.0872789	0.0302646	2.65745	2.65745	0.819566	0.916069	-1.09162	0.220768	1.63872	1.63872	0.00761424	3.73091	3.73091	0.902122	1.04834	1.04834	0.184733	0.5829	-1.71556	0.828459	0.920113	-1.08682	0.876503	1.06149	1.06149	0.299801	1.51026	1.51026	2.71375	6.32725	2.07249	1
cg25044651	LVRN	0.0872791	0.0350542	8.61846	8.61846	0.171958	3.57984	3.57984	0.154959	3.80011	3.80011	0.0678952	6.0108	6.0108	0.206942	3.21355	3.21355	0.143351	3.97218	3.97218	0.180749	3.47811	3.47811	0.0172087	12.7544	12.7544	0.0164326	13.0872	13.0872	2.71374	33.0639	10.8301	1
cg02145679	ARL15	0.0872824	0.621016	0.857506	-1.16617	0.589882	1.18276	1.18276	0.00233834	3.70794	3.70794	0.167157	1.57498	1.57498	0.958372	0.984028	-1.01623	0.23029	1.47435	1.47435	0.928513	1.02807	1.02807	0.634551	0.862686	-1.15917	0.25343	1.44471	1.44471	2.7137	4.08928	1.33947	1
cg26544072	HLA-G	0.0872829	0.0739933	7.39229	7.39229	0.0581876	8.59119	8.59119	0.395647	2.39628	2.39628	0.433662	2.23136	2.23136	0.0860704	0.148758	-6.72231	0.301297	0.34099	-2.93264	0.187864	0.246104	-4.06333	0.584789	1.74074	1.74074	0.0564167	8.75855	8.75855	2.7137	43.3758	14.208	1
cg14695609	LARS2	0.0872834	0.817403	0.948618	-1.05417	0.248491	0.759461	-1.31672	0.735337	0.925534	-1.08046	0.29852	0.782095	-1.27862	0.859647	0.960435	-1.04119	0.015496	0.508001	-1.9685	0.544895	0.869569	-1.15	0.0745086	1.57331	1.57331	0.0497574	1.66607	1.66607	2.71369	2.23581	0.732356	1
cg02441765	KL	0.0872834	0.614736	1.49776	1.49776	0.10201	4.15632	4.15632	0.0726644	4.92345	4.92345	0.421988	1.9211	1.9211	0.963759	0.964479	-1.03683	0.509347	0.586957	-1.7037	0.857939	1.15329	1.15329	0.00308273	25.1354	25.1354	0.590259	1.5414	1.5414	2.71369	27.2307	8.91963	1
cg14590027	ASTN2;ASTN2;ASTN2;ASTN2	0.0872834	0.030673	0.602869	-1.65873	0.930452	0.982752	-1.01755	0.68429	0.921749	-1.08489	0.947552	0.986973	-1.0132	0.458187	1.16249	1.16249	0.318409	1.22819	1.22819	0.00843565	1.95515	1.95515	0.316944	0.813666	-1.229	0.839573	0.960404	-1.04123	2.71369	1.70743	0.559283	1
cg09138524	GNB1L	0.0872862	0.126773	0.482241	-2.07365	0.176496	1.88605	1.88605	0.5498	1.30631	1.30631	0.380043	1.48828	1.48828	0.00658524	0.210548	-4.74951	0.280041	0.609049	-1.6419	0.346245	1.53467	1.53467	0.583493	0.783093	-1.27699	0.748451	1.15266	1.15266	2.71365	8.38012	2.74501	1
cg04924555	ARID1B;ARID1B;ARID1B	0.0872908	0.0065358	0.423813	-2.35953	0.281415	1.31256	1.31256	0.287659	0.764747	-1.30762	0.781745	1.0698	1.0698	0.951999	1.01473	1.01473	0.780946	1.07008	1.07008	0.061162	1.66963	1.66963	0.516201	0.852205	-1.17343	0.422906	1.22002	1.22002	2.71359	2.53679	0.830974	1
cg08629913	IGFBP6	0.0872911	0.894586	1.02117	1.02117	0.917258	0.983712	-1.01656	0.391558	0.870467	-1.14881	0.685713	0.93773	-1.06641	0.60862	1.08504	1.08504	0.0148661	1.60553	1.60553	0.012094	0.60992	-1.63956	0.58594	1.09082	1.09082	0.555952	1.0987	1.0987	2.71359	1.07332	0.351587	1
cg26546912	GLB1L2	0.0872915	0.171064	0.736971	-1.35691	0.900558	1.02652	1.02652	0.828079	0.955477	-1.0466	0.0564738	0.636219	-1.57179	0.0610962	0.642767	-1.55577	0.779288	0.942863	-1.0606	0.0188828	1.81395	1.81395	0.888972	0.971172	-1.02968	0.138553	0.716112	-1.39643	2.71358	1.88467	0.617363	1
cg02708389	SIRT4	0.0872916	0.393809	0.81449	-1.22776	0.745409	1.07954	1.07954	0.764813	1.07302	1.07302	0.717391	0.918155	-1.08914	0.00178716	0.351951	-2.84131	0.155673	0.699865	-1.42885	0.462373	0.838827	-1.19214	0.537168	0.863474	-1.15811	0.957932	1.01247	1.01247	2.71358	2.37175	0.776916	1
cg24658487	LOC283050;LOC283050;LOC283050	0.0872931	0.537096	0.854528	-1.17024	0.55314	0.859926	-1.16289	0.0485607	0.567356	-1.76256	0.387715	0.800358	-1.24944	0.590014	1.14663	1.14663	0.0926564	1.59273	1.59273	0.0229726	1.98216	1.98216	0.370605	1.26019	1.26019	0.175397	0.695957	-1.43687	2.71356	2.71923	0.890746	1
cg17714794	BNIP1;BNIP1;BNIP1;BNIP1	0.0872934	0.313335	1.20327	1.20327	0.0462816	1.49947	1.49947	0.102672	1.37281	1.37281	0.127259	0.746293	-1.33996	0.67514	1.07766	1.07766	0.240707	0.804166	-1.24352	0.605407	1.09689	1.09689	0.253752	0.80938	-1.23551	0.048759	0.670744	-1.49088	2.71356	1.35318	0.443266	1
cg00855626	RPL36;RPL36	0.0872948	0.012832	0.573793	-1.74279	0.724501	0.938375	-1.06567	0.190295	0.779338	-1.28314	0.0935159	0.717808	-1.39313	0.166678	0.767181	-1.30347	0.038524	0.649956	-1.53856	0.0158342	0.587864	-1.70107	0.209209	0.78827	-1.2686	0.655775	0.922524	-1.08398	2.71354	1.38848	0.454832	1
cg17832921	TPTE;TPTE;TPTE	0.087296	0.144836	0.374794	-2.66813	0.053527	0.253042	-3.95192	0.064698	0.272433	-3.67063	0.191948	0.420777	-2.37656	0.0316892	0.206299	-4.84732	0.116626	0.343538	-2.91088	0.0131992	0.145817	-6.85791	0.549345	0.684084	-1.46181	0.0551179	0.255943	-3.90712	2.71352	16.8793	5.52928	1
cg06495501	MLC1;MLC1;MLC1	0.0872971	0.138512	0.444044	-2.25203	0.00812096	0.178143	-5.61347	0.00695845	0.169075	-5.91453	0.570707	0.746992	-1.3387	0.442719	0.671375	-1.48948	0.5402	0.7293	-1.37118	0.450581	0.676154	-1.47895	0.418967	0.656785	-1.52257	0.931287	0.957048	-1.04488	2.71351	11.137	3.64825	1
cg23971638	NINJ2	0.0872981	0.123657	0.446648	-2.2389	0.00931303	0.203031	-4.92536	0.0246425	0.274346	-3.64504	0.842082	0.908088	-1.10122	0.0623748	0.362808	-2.75628	0.0915136	0.40733	-2.45501	0.086075	0.399827	-2.50108	0.298419	0.593953	-1.68363	0.347736	0.626697	-1.59567	2.7135	10.0397	3.28882	1
cg21240351	ANP32B	0.0872986	0.0133457	0.487525	-2.05118	0.0919427	1.54471	1.54471	0.608718	1.12864	1.12864	0.0871555	0.642296	-1.55691	0.583119	0.878173	-1.13873	0.0668418	0.617816	-1.6186	0.286358	0.771438	-1.29628	0.766194	0.932494	-1.07239	0.641887	1.11603	1.11603	2.71349	2.36083	0.773365	1
cg27175287	FOXE3;FOXE3	0.087299	0.0232416	9.68395	9.68395	0.983395	0.982732	-1.01757	0.0764493	5.20486	5.20486	0.434801	1.94833	1.94833	0.0207896	10.2702	10.2702	0.651746	0.683671	-1.46269	0.594754	0.638021	-1.56735	0.205425	3.05913	3.05913	0.0441804	6.9242	6.9242	2.71348	30.1062	9.86226	1
cg25683185	ACRBP	0.0872991	0.402122	0.533653	-1.87388	0.00393652	17.1349	17.1349	0.0385887	5.78211	5.78211	0.239712	2.46366	2.46366	0.379229	1.93609	1.93609	0.483986	1.68359	1.68359	0.716648	1.30597	1.30597	0.169625	2.91969	2.91969	0.59307	1.48446	1.48446	2.71348	23.0514	7.55122	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01172526	ARSD	0.0873001	0.394953	0.601873	-1.66148	0.0353127	0.239698	-4.17191	0.0482975	0.268479	-3.72469	0.152417	0.409323	-2.44306	0.0149233	0.174748	-5.72254	0.611058	0.741653	-1.34834	0.0333641	0.234811	-4.25874	0.975527	1.01804	1.01804	0.0940192	0.342003	-2.92395	2.71347	14.5935	4.78061	1
cg20557801	LBXCOR1	0.0873004	0.0670245	17.8447	17.8447	0.0445965	25.4586	25.4586	0.100594	12.4873	12.4873	0.350492	3.85327	3.85327	0.170639	7.7534	7.7534	0.126904	10.15	10.15	0.0114105	85.1639	85.1639	0.033889	32.352	32.352	0.0955697	13.0666	13.0666	2.71347	84.6782	27.7392	1
cg03336334	APBA2;APBA2	0.0873038	0.0608892	5.68305	5.68305	0.0752682	5.09815	5.09815	0.271587	2.56319	2.56319	0.0769909	5.03923	5.03923	0.256037	2.65139	2.65139	0.767863	1.27562	1.27562	0.0286747	8.35339	8.35339	0.498726	0.568475	-1.75909	0.0164075	11.1576	11.1576	2.71342	29.0666	9.52192	1
cg20754844	CSF1R	0.0873075	0.159317	0.605706	-1.65097	0.275204	1.45997	1.45997	0.495326	0.793901	-1.2596	0.353349	0.727363	-1.37483	0.00533666	0.294213	-3.39889	0.377529	0.73946	-1.35234	0.343307	1.38463	1.38463	0.888816	0.954442	-1.04773	0.0816934	0.525634	-1.90246	2.71338	4.77516	1.56432	1
cg02692511	WDR45L	0.0873087	0.109797	0.640355	-1.56163	0.742281	1.08804	1.08804	0.128719	1.52169	1.52169	0.510317	0.843031	-1.1862	0.820159	1.05995	1.05995	0.367	0.789023	-1.26739	0.00469719	0.382609	-2.61363	0.250789	0.735775	-1.35911	0.938241	0.980381	-1.02001	2.71336	2.80963	0.920426	1
cg10651618	RRAGD	0.0873104	0.01578	0.342885	-2.91643	0.415877	0.740135	-1.3511	0.69054	0.865184	-1.15582	0.0430935	0.430756	-2.3215	0.961058	1.01783	1.01783	0.436786	0.750457	-1.33252	0.091262	1.96022	1.96022	0.59455	1.21458	1.21458	0.190491	1.6515	1.6515	2.71334	5.62745	1.84355	1
cg25755283	TBX15	0.0873125	0.72672	0.874361	-1.14369	0.961952	1.01842	1.01842	0.529391	1.2761	1.2761	0.543579	0.790368	-1.26523	0.493374	0.766306	-1.30496	0.915895	0.960384	-1.04125	0.428798	0.734114	-1.36219	0.00253966	4.96736	4.96736	0.206512	1.665	1.665	2.71331	6.29213	2.06132	1
cg08274637	DLEU7	0.0873126	0.0608811	5.76356	5.76356	0.281366	0.395264	-2.52995	0.997351	1.00276	1.00276	0.0506433	6.33685	6.33685	0.524206	0.585624	-1.70758	0.202675	0.32791	-3.04962	0.172758	0.300316	-3.32982	0.394624	0.485376	-2.06026	0.050834	6.3246	6.3246	2.71331	29.5356	9.67597	1
cg02092295	MMRN2	0.0873187	0.0354288	0.680552	-1.46939	0.989881	0.998009	-1.00199	0.167901	0.793781	-1.25979	0.0795172	0.736507	-1.35776	0.360701	1.15911	1.15911	0.750308	1.05145	1.05145	0.0469809	1.42945	1.42945	0.147809	1.27635	1.27635	0.706561	1.06123	1.06123	2.71323	1.06108	0.347622	1
cg25730098	NLRP11;NLRP4	0.0873193	0.165014	0.241372	-4.14297	0.556005	0.56466	-1.77098	0.0586293	0.128718	-7.76891	0.124374	0.202537	-4.93736	0.0175399	0.0624065	-16.024	0.122688	0.200849	-4.97887	0.0103642	0.0451045	-22.1707	0.143927	0.221625	-4.51212	0.152412	0.229664	-4.35419	2.71322	39.5793	12.9667	1
cg19970953	RBM38;RBM38	0.0873205	0.860827	0.970317	-1.03059	0.0702713	1.41545	1.41545	0.0788048	1.39817	1.39817	0.990163	0.997885	-1.00212	0.0185164	0.612363	-1.63302	0.0751659	1.40528	1.40528	0.856468	0.969389	-1.03158	0.803343	0.958061	-1.04378	0.281607	1.21185	1.21185	2.71321	1.26699	0.415086	1
cg07952182	DDR2;DDR2	0.0873206	0.122365	0.399667	-2.50209	0.133371	0.411927	-2.42762	0.967968	0.978243	-1.02224	0.082336	0.348472	-2.86967	0.00906695	0.162575	-6.15099	0.343567	0.585979	-1.70655	0.045542	0.284765	-3.51166	0.0462044	0.286168	-3.49446	0.105461	0.379506	-2.635	2.7132	12.8941	4.22431	1
cg23938553	MYCBPAP	0.087321	0.450479	1.16876	1.16876	0.0492472	1.57649	1.57649	0.00549863	2.09643	2.09643	0.588927	1.117	1.117	0.787603	0.946705	-1.0563	0.141575	1.37791	1.37791	0.175347	1.33948	1.33948	0.472255	0.862187	-1.15984	0.120945	1.40644	1.40644	2.7132	1.76744	0.579042	1
cg08825225	FLI1;FLI1	0.0873226	0.735497	0.860674	-1.16188	0.00309236	5.99827	5.99827	0.416142	1.44449	1.44449	0.299202	0.621192	-1.60981	0.472771	0.723868	-1.38147	0.988841	1.00621	1.00621	0.460204	1.39475	1.39475	0.191809	1.84307	1.84307	0.576079	0.778832	-1.28397	2.71318	8.41408	2.75661	1
cg11563860	CNTN4	0.0873235	0.263937	1.34466	1.34466	0.0529474	1.74954	1.74954	0.0392496	1.83424	1.83424	0.676836	0.898892	-1.11248	0.291827	0.757184	-1.32068	0.961348	0.987751	-1.0124	0.118157	0.649565	-1.53949	0.0549725	1.7392	1.7392	0.206875	1.40288	1.40288	2.71317	2.77902	0.910463	1
cg13468961	MAP1D	0.087326	0.119846	0.429402	-2.32882	0.393188	1.54986	1.54986	0.170542	0.481373	-2.07739	0.483172	0.699773	-1.42903	0.091244	0.39385	-2.53904	0.568987	0.749492	-1.33424	0.00389374	0.142685	-7.00843	0.37954	0.636618	-1.5708	0.153404	0.464971	-2.15067	2.71313	10.7832	3.53283	1
cg18702278	PDE6B;PDE6B;PDE6B	0.087326	0.0880386	0.400752	-2.49531	0.0075663	0.188454	-5.30633	0.210142	0.526509	-1.8993	0.744358	1.17227	1.17227	0.271962	0.573809	-1.74274	0.209639	0.526096	-1.90079	0.0738248	0.379868	-2.63249	0.277607	1.73056	1.73056	0.194698	0.513587	-1.94709	2.71313	10.1385	3.32163	1
cg16005883	LARP7;C4orf21;LARP7	0.0873261	0.0225184	0.560271	-1.78485	0.0287105	1.72813	1.72813	0.992932	0.998124	-1.00188	0.88048	1.03241	1.03241	0.743012	0.932624	-1.07224	0.698829	0.920879	-1.08592	0.864194	1.03696	1.03696	0.0528592	1.59446	1.59446	0.19592	1.33636	1.33636	2.71313	1.93145	0.632789	1
cg18398512	NCRNA00120;AKIRIN2	0.0873274	0.395953	0.826823	-1.20945	0.238495	1.31006	1.31006	0.0503072	1.6292	1.6292	0.454038	0.846343	-1.18155	0.686313	0.915016	-1.09288	0.650187	1.10503	1.10503	?	?	?	0.185241	1.35978	1.35978	0.00918651	2.06176	2.06176	2.7452	1.84932	0.673654	1
cg17056048	ARHGAP15	0.0873295	0.997232	1.00094	1.00094	0.254874	0.725663	-1.37805	0.027168	0.49395	-2.0245	0.826798	1.06089	1.06089	0.691602	0.898031	-1.11355	0.763634	0.92187	-1.08475	0.0917713	0.606069	-1.64998	0.00926811	0.41038	-2.43677	0.0426155	0.532771	-1.87698	2.71309	3.12654	1.02435	1
cg21771891	HIST1H2AJ;HIST1H2BM;HIST1H2AJ	0.0873315	0.285178	0.453672	-2.20423	0.421495	1.79437	1.79437	0.0125346	9.126	9.126	0.295503	0.461905	-2.16495	0.518988	0.62783	-1.59279	0.646949	0.720122	-1.38865	0.550858	0.650723	-1.53675	0.844809	0.869762	-1.14974	0.0241928	6.77653	6.77653	2.71306	21.7824	7.13663	1
cg22392809	LOC440905	0.087334	0.517811	0.922995	-1.08343	0.300417	0.877093	-1.14013	0.56272	0.930979	-1.07414	0.173503	0.837795	-1.19361	0.147028	0.826803	-1.20948	0.0257188	1.38231	1.38231	0.0255408	0.723043	-1.38304	0.202342	0.848314	-1.17881	0.188407	0.843393	-1.18569	2.71303	0.641774	0.210269	1
cg15022844	TMUB1;TMUB1	0.0873353	0.495126	0.777721	-1.28581	0.00699162	0.281968	-3.5465	0.747056	1.12461	1.12461	0.889384	0.950751	-1.0518	0.0191592	0.35748	-2.79736	0.073413	0.484599	-2.06356	0.695483	0.866962	-1.15345	0.140452	0.562425	-1.77802	0.395125	0.729012	-1.37172	2.71301	5.65905	1.85413	1
cg16867777	TIAM1	0.0873355	0.084187	0.643882	-1.55308	0.518514	1.16279	1.16279	0.0117568	2.065	2.065	0.84605	0.956197	-1.04581	0.133048	0.688364	-1.45272	0.61692	0.890289	-1.12323	0.710609	0.917706	-1.08967	0.0942263	1.52797	1.52797	0.629267	0.893965	-1.11861	2.71301	2.2814	0.747476	1
cg17295389	DDO;DDO	0.0873368	0.0506761	0.521739	-1.91667	0.230813	0.692625	-1.44378	0.194975	0.669969	-1.49261	0.293474	0.727317	-1.37492	0.0074915	0.365763	-2.73401	0.605459	0.858774	-1.16445	0.879923	0.956794	-1.04516	0.327709	0.744394	-1.34338	0.0154659	0.419813	-2.38201	2.71299	3.66793	1.20177	1
cg09768257	NEIL2;NEIL2;NEIL2;NEIL2	0.0873373	0.0934046	0.343832	-2.90839	0.782315	1.1738	1.1738	0.562025	1.40379	1.40379	0.909794	1.06777	1.06777	0.0834964	0.330112	-3.02928	0.17261	0.431807	-2.31585	0.0234654	0.208898	-4.78703	0.0125777	0.16606	-6.02192	0.622178	0.750245	-1.3329	2.71299	14.3817	4.71205	1
cg21705961	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.0873387	0.698665	1.04571	1.04571	0.726632	0.960477	-1.04115	0.537842	0.930839	-1.0743	0.504801	1.08086	1.08086	0.231159	1.15523	1.15523	0.1181	0.822873	-1.21525	0.0037138	1.56886	1.56886	0.909649	0.987042	-1.01313	0.662416	0.950782	-1.05177	2.71297	0.567153	0.185824	1
cg04924099	OBSCN;OBSCN	0.0873397	0.111443	0.371474	-2.69198	0.0183357	0.194975	-5.12887	0.215327	0.474776	-2.10625	0.95459	0.967998	-1.03306	0.0341661	0.243714	-4.10318	0.0739916	0.320666	-3.11851	0.126792	0.38934	-2.56845	0.0326134	0.239713	-4.17165	0.0761474	0.323967	-3.08673	2.71296	14.0173	4.59271	1
cg15708776	PKLR;PKLR	0.0873429	0.123211	0.34955	-2.86082	0.0441862	0.233355	-4.28532	0.0508328	0.246491	-4.05694	0.0655773	0.272316	-3.6722	0.0318984	0.205403	-4.86848	0.084424	0.300739	-3.32515	0.0273307	0.193294	-5.17346	0.126236	0.35298	-2.83303	0.0920716	0.31122	-3.21316	2.71291	17.0242	5.57799	1
cg04937561	SSRP1	0.0873433	0.364306	1.91799	1.91799	0.0180282	8.50023	8.50023	0.0202536	7.99656	7.99656	?	?	?	?	?	?	?	?	?	0.142637	3.06286	3.06286	0.179561	2.74034	2.74034	0.258965	2.28729	2.28729	3.27392	15.7557	4.8125	1
cg16383503	ZNF423	0.0873435	0.995921	1.001	1.001	0.00304154	2.21908	2.21908	0.78471	0.94766	-1.05523	0.731441	1.06997	1.06997	0.608134	0.903455	-1.10686	0.641943	0.912169	-1.09629	0.570522	0.893554	-1.11913	0.0637253	1.5056	1.5056	0.572747	1.11838	1.11838	2.71291	1.65595	0.542575	1
cg19639479	VWA1;VWA1	0.0873435	0.0964288	1.57226	1.57226	0.0115712	2.18743	2.18743	0.230949	1.36552	1.36552	0.526298	1.17255	1.17255	0.165903	0.69329	-1.4424	0.952194	1.01497	1.01497	0.0502714	1.73893	1.73893	0.100015	1.56331	1.56331	0.958877	1.01287	1.01287	2.71291	2.64079	0.86526	1
cg15595212	OR2L13	0.0873453	0.805013	1.07623	1.07623	0.0140713	2.46038	2.46038	0.961407	1.01448	1.01448	0.254419	1.42399	1.42399	0.587138	1.17685	1.17685	0.638268	1.15102	1.15102	0.272819	0.712485	-1.40354	0.153818	0.635384	-1.57385	0.0374753	0.488184	-2.04841	2.71288	3.79053	1.24199	1
cg25236416	HDAC4	0.0873454	0.87814	0.953042	-1.04927	0.00309039	3.55802	3.55802	0.033365	2.18023	2.18023	0.845946	1.06287	1.06287	0.993874	1.00241	1.00241	0.706708	1.1258	1.1258	0.22569	1.49008	1.49008	0.463997	1.26318	1.26318	0.249317	1.45853	1.45853	2.71288	4.22187	1.38332	1
cg02008826	NKX6-3	0.0873476	0.737786	1.07179	1.07179	0.50979	0.871134	-1.14793	0.778605	1.05988	1.05988	0.460743	0.856463	-1.16759	0.0135838	0.532549	-1.87776	0.249563	0.780135	-1.28183	0.102196	0.691396	-1.44635	0.104396	1.44234	1.44234	0.0441827	0.620642	-1.61123	2.71285	1.82908	0.599315	1
cg06841464	HMGB2;HMGB2;HMGB2;HMGB2	0.087349	0.635847	0.933622	-1.0711	0.919383	0.985528	-1.01468	0.300141	0.856751	-1.1672	0.422215	1.1253	1.1253	0.335934	0.866867	-1.15358	0.0790446	0.755189	-1.32417	0.0205829	0.669231	-1.49425	0.741036	0.953368	-1.04891	0.0265366	1.46028	1.46028	2.71283	0.890837	0.291892	1
cg10493166	PTGS1;PTGS1	0.0873493	0.00757633	0.334299	-2.99133	0.324394	0.722783	-1.38354	0.961818	0.984845	-1.01539	0.0150798	0.385666	-2.59292	0.346298	0.733899	-1.36258	0.717883	0.890709	-1.1227	0.0729825	0.528379	-1.89258	0.184298	0.638114	-1.56712	0.152306	0.613161	-1.63089	2.71283	4.37206	1.43255	1
cg13798228	PRKCZ;PRKCZ;PRKCZ	0.0873514	0.543716	1.20318	1.20318	0.0116356	2.58339	2.58339	0.225813	0.681952	-1.46638	0.659983	1.14252	1.14252	0.0863553	1.76861	1.76861	0.323068	0.735519	-1.35958	0.218231	1.47664	1.47664	0.393708	0.768795	-1.30074	0.194045	0.661318	-1.51213	2.7128	3.89145	1.27509	1
cg22159468	TJP1;TJP1	0.0873521	0.275767	1.74825	1.74825	0.62318	1.27635	1.27635	0.598291	0.769545	-1.29947	0.1582	2.10289	2.10289	0.0768411	2.6366	2.6366	0.209156	1.91985	1.91985	0.00723779	5.51448	5.51448	0.0254227	3.70177	3.70177	0.208442	1.92203	1.92203	2.71279	10.4301	3.41759	1
cg18846074	ADCY4	0.0873524	0.462701	0.800202	-1.24968	0.0594754	1.88561	1.88561	0.136288	0.619656	-1.6138	0.0645015	1.85746	1.85746	0.0394977	0.491618	-2.0341	0.955889	0.983643	-1.01663	0.955422	1.01681	1.01681	0.886228	0.958213	-1.04361	0.110045	1.68088	1.68088	2.71279	3.81936	1.25147	1
cg15476528	SLC22A17;SLC22A17	0.0873529	0.150388	1.18279	1.18279	0.294353	0.888302	-1.12574	0.320538	1.11826	1.11826	0.633913	1.05364	1.05364	0.0103188	0.703324	-1.42182	0.335112	0.897404	-1.11432	0.239746	1.14346	1.14346	0.479021	1.08152	1.08152	0.147174	1.1846	1.1846	2.71278	0.509546	0.166961	1
cg21445366	STAB1	0.0873542	0.102178	0.58953	-1.69627	0.0121429	2.51808	2.51808	0.0994623	1.70481	1.70481	0.700369	1.12101	1.12101	0.126345	0.613506	-1.62998	0.366958	1.31495	1.31495	0.666457	1.13667	1.13667	0.622183	1.15804	1.15804	0.413792	0.781288	-1.27994	2.71277	3.74962	1.22863	1
cg16969458	TUBB	0.087355	0.921372	0.99162	-1.00845	0.860875	0.985159	-1.01506	0.167438	0.882123	-1.13363	0.18846	0.888011	-1.12611	0.0621991	1.19595	1.19595	0.480593	0.940718	-1.06302	0.630447	0.959525	-1.04218	0.485637	0.941398	-1.06225	0.00939797	1.324	1.324	2.71276	0.312128	0.102275	1
cg03713453	TCERG1;TCERG1	0.0873551	0.861205	0.962152	-1.03934	0.0339507	0.579375	-1.726	0.444059	0.841955	-1.18771	0.380172	1.21953	1.21953	0.196785	0.740174	-1.35103	0.99943	1.00016	1.00016	0.0100254	2.04754	2.04754	0.716218	1.08382	1.08382	0.461973	0.847813	-1.1795	2.71275	2.08835	0.68429	1
cg24058566	LOC645323;LOC645323	0.0873561	0.456986	0.765552	-1.30625	0.0366536	0.424729	-2.35444	0.0552758	2.15179	2.15179	0.238662	1.54536	1.54536	0.616563	0.836899	-1.19489	0.28433	1.48032	1.48032	0.0294036	0.404643	-2.47132	0.893314	0.953779	-1.04846	0.915163	1.0383	1.0383	2.71274	5.34409	1.75111	1
cg25804065	NCK2;NCK2	0.0873567	0.877964	1.034	1.034	0.0825687	1.51952	1.51952	0.0520722	1.6175	1.6175	0.331696	0.80418	-1.2435	0.0231134	0.553743	-1.80589	0.635779	0.90139	-1.1094	0.38448	0.823627	-1.21414	0.15886	1.38777	1.38777	0.497117	1.16186	1.16186	2.71273	2.03445	0.666633	1
cg25063733	PTPRF;PTPRF;PTPRF;PTPRF	0.0873575	0.419305	0.791124	-1.26402	0.556825	0.844739	-1.1838	0.752634	0.914139	-1.09393	0.0353222	0.498619	-2.00554	0.00804539	0.381375	-2.62209	0.624541	0.869311	-1.15034	0.245173	1.41221	1.41221	0.235933	1.42283	1.42283	0.659104	1.13434	1.13434	2.71272	3.46358	1.13493	1
cg01446287	ANKRD33B	0.0873592	0.120672	4.39156	4.39156	0.0645343	6.20582	6.20582	0.0862551	5.29221	5.29221	0.150306	3.8788	3.8788	0.852478	1.17781	1.17781	0.686911	0.70033	-1.4279	0.0181443	12.4559	12.4559	0.0370109	8.40786	8.40786	0.0522492	6.96479	6.96479	2.7127	33.204	10.8802	1
cg25307556	CNST;TFB2M;CNST;TFB2M	0.0873602	0.240319	0.840558	-1.18969	0.908409	0.983872	-1.01639	0.0738069	1.32518	1.32518	0.370384	1.13878	1.13878	0.0636315	1.3426	1.3426	0.769868	0.959402	-1.04232	0.0187244	1.49559	1.49559	0.120014	0.787973	-1.26908	0.551977	1.08873	1.08873	2.71269	0.857565	0.281005	1
cg19131476	NRXN2;NRXN2;NRXN2	0.0873646	0.726899	0.888515	-1.12547	0.167581	1.64195	1.64195	0.0524787	2.10296	2.10296	0.187314	1.6018	1.6018	0.370221	0.733297	-1.3637	0.428561	0.761508	-1.31318	0.0728929	0.509443	-1.96293	0.037764	2.25296	2.25296	0.256837	1.49028	1.49028	2.71263	4.88249	1.59992	1
cg20256494	CABP7	0.0873648	0.828148	0.96638	-1.03479	0.0260019	1.51535	1.51535	0.0133527	1.6195	1.6195	0.71343	0.943627	-1.05974	0.694359	1.06409	1.06409	0.24439	0.825659	-1.21115	0.142682	0.780472	-1.28128	0.621718	0.924744	-1.08138	0.836065	1.03313	1.03313	2.71263	1.06312	0.34837	1
cg15720500	NR2C1;NR2C1;NR2C1	0.0873696	0.535384	1.39813	1.39813	0.307632	1.75745	1.75745	0.175451	0.46334	-2.15824	0.198685	2.0652	2.0652	0.173662	0.461673	-2.16604	0.0997961	2.61961	2.61961	0.0371953	3.63828	3.63828	0.0369651	3.64579	3.64579	0.199721	2.06136	2.06136	2.71257	12.2477	4.0135	1
cg04307831	CNST;CNST;CNST;TFB2M;CNST	0.0873712	0.889717	0.948839	-1.05392	0.258648	1.56224	1.56224	0.0283387	2.66383	2.66383	0.0158015	0.326514	-3.06265	0.463686	0.754025	-1.32622	0.0983864	0.503528	-1.98599	0.824824	0.919511	-1.08753	0.911126	0.958616	-1.04317	0.578177	0.808463	-1.23692	2.71254	6.15544	2.01711	1
cg18958585	AHNAK2	0.0873724	0.134039	0.618224	-1.61754	0.779365	0.919814	-1.08718	0.425621	1.27396	1.27396	0.71424	1.11566	1.11566	0.610517	1.16518	1.16518	0.433906	1.26825	1.26825	0.445523	0.793386	-1.26042	0.00323523	3.30482	3.30482	0.68461	0.885561	-1.12923	2.71253	3.80511	1.24692	1
cg03206503	SSPN;SSPN;SSPN	0.0873732	0.0781701	0.618869	-1.61585	0.094105	1.57041	1.57041	0.258191	1.33549	1.33549	0.782032	1.07037	1.07037	0.647817	0.893352	-1.11938	0.435331	0.8227	-1.21551	0.0273455	0.527207	-1.89679	0.100564	1.55438	1.55438	0.31858	1.28758	1.28758	2.71252	2.58305	0.846462	1
cg16306633	ZNF786	0.0873734	0.0962664	1.84763	1.84763	0.0429818	2.18773	2.18773	0.116671	1.77357	1.77357	0.990983	0.996208	-1.00381	0.101066	1.82867	1.82867	0.99201	1.00337	1.00337	0.0368466	2.25927	2.25927	0.0195023	2.58318	2.58318	0.0623765	2.02406	2.02406	2.71252	4.85409	1.59068	1
cg05054944	DTNB;DTNB;DTNB;DTNB;DTNB	0.0873752	0.151013	0.632605	-1.58076	0.789755	0.923561	-1.08277	0.156281	0.636816	-1.57031	0.411064	0.778707	-1.28418	0.012377	0.395929	-2.52571	0.959794	0.985111	-1.01511	0.0953471	1.72503	1.72503	0.074021	0.552969	-1.80842	0.119686	0.605079	-1.65268	2.71249	3.80379	1.24651	1
cg18617219	CLASP1;CLASP1;CLASP1	0.0873758	0.288339	0.510878	-1.95741	0.0591486	0.273013	-3.66283	0.0186301	0.175892	-5.6853	0.429208	1.63512	1.63512	0.1804	0.42034	-2.37903	0.988902	1.00851	1.00851	0.078274	0.303651	-3.29326	0.177618	2.39395	2.39395	0.473995	1.55843	1.55843	2.71249	15.9487	5.22644	1
cg20524425	LOC153328	0.0873763	0.349398	0.863479	-1.15811	0.179224	0.804601	-1.24285	0.19372	0.810952	-1.23312	0.0161114	0.638461	-1.56627	0.0378562	1.44327	1.44327	0.0996134	0.759562	-1.31655	0.746157	0.951711	-1.05074	0.376592	0.870871	-1.14828	0.334888	0.859383	-1.16363	2.71248	0.997509	0.326887	1
cg04346743	ZNF670	0.0873796	0.391177	1.26435	1.26435	0.0827402	0.598709	-1.67026	0.0416131	0.534108	-1.87228	0.599839	1.15181	1.15181	0.307727	1.32563	1.32563	0.991855	1.00273	1.00273	0.0172565	2.16945	2.16945	0.494597	0.830962	-1.20342	0.548414	0.850331	-1.17601	2.71244	3.06203	1.00345	1
cg21375825	LCT	0.0873808	0.0273412	0.0801065	-12.4834	0.0656804	0.135716	-7.36831	0.123076	0.198836	-5.02927	0.119206	0.194955	-5.12938	0.015184	0.055926	-17.8808	0.0652567	0.135189	-7.39707	0.104678	0.180005	-5.55539	0.274886	0.333395	-2.99945	0.0585464	0.126649	-7.89583	2.71242	40.1626	13.1617	1
cg03319752	PCSK2	0.0873817	0.00822879	0.437502	-2.2857	0.913341	1.02698	1.02698	0.567825	0.868306	-1.15167	0.247768	0.744144	-1.34383	0.10675	0.650061	-1.53832	0.759297	1.07806	1.07806	0.0476468	0.574683	-1.74009	0.142497	0.68008	-1.47041	0.27187	1.32276	1.32276	2.71241	2.56941	0.842027	1
cg01798385	PREX1	0.0873838	0.0618215	0.467322	-2.13985	0.825231	0.923122	-1.08328	0.00984215	0.307256	-3.25461	0.489608	0.775795	-1.289	0.5347	0.796585	-1.25536	0.25299	1.5401	1.5401	0.0967485	0.517136	-1.93373	0.284693	1.49475	1.49475	0.172729	0.591638	-1.69022	2.71238	5.62012	1.8418	1
cg24741873	TSPAN14;TSPAN14	0.0873856	0.380968	1.29122	1.29122	0.958385	1.01495	1.01495	0.887542	0.960554	-1.04107	0.078689	1.74268	1.74268	0.0146132	2.35191	2.35191	0.102436	1.66246	1.66246	0.118222	1.62002	1.62002	0.650025	0.878168	-1.13873	0.0950032	0.593445	-1.68507	2.71236	3.47503	1.13883	1
cg04889800	FLJ37453	0.0873908	0.913003	0.95336	-1.04892	0.266763	0.603098	-1.65811	0.0959974	0.449801	-2.22321	0.149934	0.509369	-1.96321	0.644725	1.22498	1.22498	0.374916	1.48887	1.48887	0.0175327	3.53737	3.53737	0.17701	1.87224	1.87224	0.172217	0.529917	-1.88709	2.71229	8.20487	2.68895	1
cg04312903	SAPS1	0.0873956	0.748559	1.04036	1.04036	0.984492	0.997611	-1.00239	0.0296079	0.729708	-1.37041	0.243362	0.860536	-1.16207	0.250795	0.862736	-1.1591	0.0563446	1.30458	1.30458	0.148293	0.826301	-1.21021	0.667343	1.05464	1.05464	0.0748544	1.2765	1.2765	2.71223	0.650318	0.213131	1
cg18696495	CLYBL	0.0873969	0.0228522	0.222297	-4.49848	0.0735548	0.332348	-3.0089	0.0994475	0.368934	-2.71051	0.223309	0.493357	-2.02693	0.0156852	0.194882	-5.13132	0.121175	0.395373	-2.52926	0.0513426	0.29374	-3.40437	0.0983318	0.367487	-2.72119	0.116809	0.3903	-2.56213	2.71221	13.097	4.29234	1
cg25929046	RTDR1	0.0873977	0.888483	0.93618	-1.06817	0.818936	1.1138	1.1138	0.279799	1.69571	1.69571	0.951322	1.02911	1.02911	0.0202372	0.268194	-3.72864	0.199175	0.528533	-1.89203	0.0149638	0.245068	-4.08051	0.10079	0.429633	-2.32757	0.178888	0.511094	-1.95659	2.7122	9.49007	3.11025	1
cg01749467	ZAP70	0.087399	0.377326	0.77418	-1.29169	0.746802	1.09585	1.09585	0.429274	0.796138	-1.25606	0.881803	1.04293	1.04293	0.0867347	0.585942	-1.70665	0.971793	1.01004	1.01004	0.208408	1.45457	1.45457	0.496671	0.822838	-1.21531	0.00362554	0.328813	-3.04124	2.71218	3.42912	1.12386	1
cg16455444	KCNK9	0.0874024	0.736091	0.831712	-1.20234	0.00597591	7.08224	7.08224	0.348351	1.69205	1.69205	0.456921	0.661861	-1.51089	0.0548123	0.305309	-3.27537	0.983724	0.988949	-1.01117	0.867755	1.09503	1.09503	0.528084	0.705948	-1.41654	0.350459	0.592436	-1.68795	2.71214	12.7461	4.17745	1
cg25007680	PARK7;PARK7;PARK7	0.0874027	0.99866	1.00021	1.00021	0.111498	1.24029	1.24029	0.0608741	1.30014	1.30014	0.180683	0.838132	-1.19313	0.477526	0.91419	-1.09386	0.957545	1.00664	1.00664	0.916454	0.987049	-1.01312	0.0218633	0.710508	-1.40744	0.108376	1.24307	1.24307	2.71214	0.662913	0.217267	1
cg23922755	HGFAC	0.0874032	0.160423	0.429951	-2.32585	0.260868	0.516809	-1.93495	0.0300396	0.237756	-4.206	0.405916	0.619635	-1.61385	0.0114285	0.168343	-5.94025	0.332253	0.569468	-1.75603	0.037066	0.255945	-3.9071	0.118768	0.385522	-2.59389	0.0413299	0.265884	-3.76104	2.71213	13.6104	4.46077	1
cg01797652	OTOA;OTOA;OTOA	0.0874046	0.730909	0.903209	-1.10716	0.00192472	0.273991	-3.64975	0.446987	0.795684	-1.25678	0.409157	0.779641	-1.28264	0.934288	1.02461	1.02461	0.798114	1.07851	1.07851	0.582871	0.849122	-1.17769	0.0810378	0.565288	-1.76901	0.806344	0.930135	-1.07511	2.71211	3.73493	1.22412	1
cg21083793	BAT5	0.087408	0.877068	0.982016	-1.01831	0.0567977	0.776664	-1.28756	0.382142	0.900254	-1.1108	0.63546	0.945553	-1.05758	0.949495	1.00745	1.00745	0.305455	0.883023	-1.13247	0.0177598	0.713237	-1.40206	0.0214952	0.723405	-1.38235	0.163749	1.19032	1.19032	2.71207	0.59035	0.193489	1
cg01660346	OR14J1	0.0874085	0.430878	0.848473	-1.17859	0.438518	1.17527	1.17527	0.83474	0.958202	-1.04362	0.661647	1.09418	1.09418	0.185658	1.3322	1.3322	0.226397	1.29641	1.29641	0.147637	1.37371	1.37371	0.00567678	0.476369	-2.09922	0.972308	0.99293	-1.00712	2.71206	1.79421	0.588059	1
cg07570570	PRIMA1	0.0874097	0.988659	1.00473	1.00473	0.798606	0.918585	-1.08863	0.213433	1.5452	1.5452	0.734716	1.11959	1.11959	0.407786	0.754851	-1.32477	0.974273	0.989346	-1.01077	0.00237541	0.244801	-4.08495	0.458517	1.28494	1.28494	0.947156	0.978225	-1.02226	2.71204	4.73839	1.55304	1
cg19794706	TMED10	0.0874099	0.761221	0.959169	-1.04257	0.645631	0.938632	-1.06538	0.656467	1.06315	1.06315	0.164853	1.22467	1.22467	0.00614017	1.63075	1.63075	0.034248	1.40197	1.40197	0.0796612	1.30481	1.30481	0.948405	0.991187	-1.00889	0.856811	1.02501	1.02501	2.71204	0.80359	0.263382	1
cg07613233	ZNF501	0.0874103	0.944758	1.02181	1.02181	0.223756	0.671629	-1.48892	0.78476	0.918275	-1.089	0.0173889	0.405806	-2.46423	0.0123923	0.3793	-2.63644	0.62551	1.16553	1.16553	0.438869	0.782013	-1.27875	0.619306	1.1688	1.1688	0.21353	1.50368	1.50368	2.71204	4.16569	1.36533	1
cg13803071	YWHAQ;YWHAQ	0.0874104	0.277065	1.10888	1.10888	0.170927	0.875208	-1.14259	0.919777	0.990832	-1.00925	0.770407	0.973601	-1.02712	0.157907	0.871069	-1.14801	0.67811	0.962561	-1.0389	0.00474213	1.40905	1.40905	0.733864	0.969283	-1.03169	0.487143	0.937495	-1.06667	2.71204	0.359008	0.117667	1
cg22853641	ASAP1	0.087411	0.113286	0.644939	-1.55054	0.0833784	1.6287	1.6287	0.181395	0.696917	-1.43489	0.793133	1.06918	1.06918	0.364665	0.788937	-1.26753	0.533408	0.851684	-1.17414	0.0395854	0.545665	-1.83263	0.61197	1.13905	1.13905	0.0219659	0.49687	-2.0126	2.71203	2.78212	0.911862	1
cg27054546	LUZP1;LUZP1	0.0874134	0.0431725	0.727957	-1.37371	0.358471	1.13756	1.13756	0.567217	1.08214	1.08214	0.715945	0.951343	-1.05115	0.157647	1.22903	1.22903	0.318642	0.868766	-1.15106	0.0524449	0.74006	-1.35124	0.075571	1.30996	1.30996	0.209121	1.19806	1.19806	2.712	0.800206	0.262277	1
cg18944014	TWIST2	0.0874146	0.74246	1.0551	1.0551	0.461343	1.12973	1.12973	0.234282	0.816439	-1.22483	0.153062	1.28259	1.28259	0.159619	0.783143	-1.27691	0.00474032	1.84069	1.84069	0.426719	1.14111	1.14111	0.816605	1.03851	1.03851	0.41156	1.14634	1.14634	2.71198	1.13637	0.372462	1
cg25355635	ZNF740	0.0874149	0.299291	0.724164	-1.3809	0.0529118	1.9348	1.9348	0.0248055	2.22903	2.22903	0.0526504	1.93658	1.93658	0.141901	1.60604	1.60604	0.168974	1.55221	1.55221	0.615431	1.16411	1.16411	0.0441033	2.00155	2.00155	0.881133	0.956101	-1.04591	2.71198	3.86597	1.26713	1
cg21572997	LRP5	0.0874157	0.875898	0.97389	-1.02681	0.86615	1.02897	1.02897	0.0196327	0.6205	-1.6116	0.645922	0.924675	-1.08146	0.0815321	0.721208	-1.38656	0.0858448	0.725161	-1.379	0.0617891	1.42775	1.42775	0.113676	0.747239	-1.33826	0.826389	1.03789	1.03789	2.71197	1.23089	0.403444	1
cg22125968	EPSTI1;EPSTI1	0.0874159	0.0297794	0.0207512	-48.1901	0.177809	0.114195	-8.75698	0.0827196	0.0543828	-18.3882	?	?	?	0.165403	0.106257	-9.41112	0.138107	0.0889797	-11.2385	0.0580784	0.0389384	-25.6816	0.101241	0.0659247	-15.1688	0.217686	7.13515	7.13515	2.74402	88.6971	32.3238	1
cg21312412	VSNL1	0.0874166	0.290311	0.748008	-1.33688	0.286641	0.746224	-1.34008	0.757697	0.921393	-1.08531	0.986362	1.00453	1.00453	0.0734707	0.589794	-1.69551	0.539978	0.848618	-1.17839	0.0837108	1.65931	1.65931	0.263967	1.36078	1.36078	0.0108168	0.428758	-2.33232	2.71195	3.00628	0.98536	1
cg20717622	LY6G5C	0.0874169	0.00345495	0.113289	-8.827	0.249039	1.93647	1.93647	0.398748	0.622577	-1.60623	0.976761	0.984149	-1.01611	0.928308	1.0506	1.0506	0.74032	1.20014	1.20014	0.347539	1.69985	1.69985	0.987488	1.00864	1.00864	0.219129	2.0317	2.0317	2.71195	12.9228	4.23566	1
cg08172935	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.0874172	0.297982	1.72646	1.72646	0.896138	0.936032	-1.06834	0.913879	1.05628	1.05628	0.367011	1.59847	1.59847	0.00345931	0.134101	-7.45704	0.62539	1.2828	1.2828	0.135366	0.442784	-2.25844	0.672329	1.24027	1.24027	0.7331	1.18916	1.18916	2.71195	11.0036	3.60663	1
cg12399484	IQSEC1	0.0874186	0.355495	1.48822	1.48822	0.00371811	5.15176	5.15176	0.0153622	3.47098	3.47098	0.782215	1.1229	1.1229	0.47217	1.35785	1.35785	0.410325	1.42218	1.42218	0.24059	1.67185	1.67185	0.772928	1.12865	1.12865	0.563309	1.27687	1.27687	2.71193	7.51544	2.46334	1
cg05398905	TBCD	0.087419	0.536721	1.28253	1.28253	0.0415116	2.54724	2.54724	0.106725	2.01488	2.01488	0.390302	1.41928	1.41928	0.0469401	0.404684	-2.47107	0.481305	1.3294	1.3294	0.0225094	2.9655	2.9655	0.251028	1.61133	1.61133	0.579108	1.24967	1.24967	2.71192	6.7959	2.2275	1
cg23142900	GTF2H4	0.0874214	0.339009	0.809929	-1.23468	0.718878	0.925593	-1.08039	0.0950167	1.48056	1.48056	0.0749286	0.654251	-1.52847	0.203395	0.750375	-1.33267	0.0108974	0.504757	-1.98115	0.532489	1.14481	1.14481	0.972148	0.99256	-1.0075	0.349547	1.22873	1.22873	2.71189	1.96521	0.644145	1
cg06871974	TNS3	0.0874222	0.0654925	0.292097	-3.42352	0.0156617	0.171419	-5.83364	0.133138	0.381172	-2.62349	0.371449	1.72685	1.72685	0.0523532	0.268871	-3.71926	0.260352	0.497139	-2.01151	0.465443	0.642617	-1.55614	0.225378	2.13392	2.13392	0.500455	0.66556	-1.50249	2.71188	15.2205	4.98892	1
cg24310461	C1orf115	0.0874228	0.112404	0.673525	-1.48473	0.29605	1.28117	1.28117	0.266986	1.30272	1.30272	0.731245	1.08204	1.08204	0.0734904	0.633603	-1.57827	0.618267	0.891473	-1.12174	0.00836804	0.462807	-2.16073	0.491196	1.17339	1.17339	0.955907	0.987436	-1.01272	2.71187	2.24602	0.736194	1
cg17323243	NDFIP1	0.0874248	0.767156	0.93595	-1.06843	0.0841084	1.53119	1.53119	0.341053	0.803551	-1.24448	0.0777021	1.54821	1.54821	0.178602	1.37517	1.37517	0.187749	0.732566	-1.36506	0.850576	1.04294	1.04294	0.0524477	1.635	1.635	0.0315446	1.75436	1.75436	2.71185	2.13444	0.699627	1
cg08863440	GAD1;GAD1	0.0874265	0.16411	0.582595	-1.71646	0.166177	0.584336	-1.71134	0.334626	0.696215	-1.43634	0.173507	0.590393	-1.69379	0.0804081	0.49376	-2.02528	0.0488583	0.441072	-2.2672	0.0627964	0.466822	-2.14214	0.114054	0.534963	-1.86929	0.0680216	2.10371	2.10371	2.71183	5.6873	1.8642	1
cg24405470	FAM176A;FAM176A	0.0874271	0.0622316	2.14222	2.14222	0.567268	0.810691	-1.23352	0.553588	0.804535	-1.24295	0.73628	1.13052	1.13052	0.0904201	0.508062	-1.96826	0.64169	1.18541	1.18541	0.00882482	3.35372	3.35372	0.233615	1.57338	1.57338	0.472972	1.30332	1.30332	2.71182	5.65743	1.85441	1
cg08243728	PPP1R13L;PPP1R13L	0.087428	0.228839	2.87661	2.87661	0.0663095	5.6025	5.6025	0.0398275	7.30244	7.30244	0.722836	1.3471	1.3471	0.732164	0.750186	-1.333	0.0278437	8.80081	8.80081	0.0543987	6.21028	6.21028	0.683795	0.709915	-1.40862	0.0363205	7.66116	7.66116	2.71181	30.0651	9.85487	1
cg16907766	OPTN;OPTN;OPTN;OPTN	0.0874281	0.0264228	0.549266	-1.82061	0.376247	1.22961	1.22961	0.0298232	0.558813	-1.78951	0.946235	0.984766	-1.01547	0.569843	0.877449	-1.13967	0.248161	1.31628	1.31628	0.0359459	0.573816	-1.74272	0.186896	0.727268	-1.37501	0.651398	0.901644	-1.10909	2.71181	2.22548	0.729479	1
cg03032677	CDKN1A;CDKN1A	0.0874289	0.056629	0.242761	-4.11928	0.481885	0.625637	-1.59837	0.168305	0.381659	-2.62014	0.413277	0.577661	-1.73112	0.0667943	0.259677	-3.85093	0.360788	0.539895	-1.85221	0.0148968	0.14019	-7.13315	0.0255978	0.175521	-5.69731	0.0318468	0.191971	-5.20912	2.71179	18.4876	6.05998	1
cg04574034	PRAC;C17orf93	0.0874305	0.465545	0.585959	-1.7066	0.235819	0.40896	-2.44523	0.583235	0.671127	-1.49003	0.0896528	0.260106	-3.84459	0.378291	1.91668	1.91668	0.0472898	0.195241	-5.12187	0.0251022	0.146965	-6.80434	0.0734084	4.20685	4.20685	0.467663	0.587498	-1.70213	2.71177	22.2471	7.29234	1
cg05163801	ZC3HAV1;ZC3HAV1	0.0874331	0.321326	0.80106	-1.24835	0.929867	0.981123	-1.01924	0.2258	1.31702	1.31702	0.551612	0.877749	-1.13928	0.135765	0.706069	-1.41629	0.184879	0.737544	-1.35585	0.0224951	0.553377	-1.80709	0.0342709	0.585851	-1.70692	0.0308665	0.577638	-1.73119	2.71174	2.0129	0.659813	1
cg13225413	ZNF232	0.0874339	0.350875	0.817912	-1.22263	0.105097	0.690233	-1.44879	0.972893	0.992912	-1.00714	0.0296931	1.70872	1.70872	0.878875	0.96858	-1.03244	0.0200067	0.555633	-1.79975	0.0952286	0.681299	-1.46778	0.588276	0.891887	-1.12122	0.399411	0.834776	-1.19793	2.71173	1.8821	0.616943	1
cg22635402	GABRP	0.0874351	0.370292	0.785508	-1.27306	0.0880189	1.6389	1.6389	0.400881	0.79801	-1.25312	0.0273919	1.98336	1.98336	0.0376273	1.88295	1.88295	0.405154	0.799715	-1.25044	0.0819478	1.65828	1.65828	0.661707	0.890888	-1.12248	0.908273	0.970208	-1.03071	2.71171	2.9573	0.96939	1
cg21890820	LTBP3;LTBP3;LTBP3	0.0874357	0.38897	0.596661	-1.67599	0.194497	2.23174	2.23174	0.164725	0.420224	-2.37968	0.486996	0.661607	-1.51147	0.779796	1.17815	1.17815	0.229792	2.08969	2.08969	0.8152	0.87202	-1.14676	0.0246629	4.78206	4.78206	0.0202871	5.13865	5.13865	2.71171	14.6933	4.81641	1
cg01132515	KIAA0664	0.0874365	0.88988	1.0521	1.0521	0.0641175	0.466361	-2.14426	0.885511	1.05424	1.05424	0.00574235	0.265158	-3.77134	0.382799	0.720262	-1.38838	0.786209	0.905128	-1.10482	0.151465	1.7568	1.7568	0.141215	0.559829	-1.78626	0.735976	0.88331	-1.13211	2.7117	5.77303	1.89239	1
cg19500311	BMS1P4	0.0874403	0.454255	0.771637	-1.29595	0.218728	0.64408	-1.5526	0.0473637	0.462294	-2.16313	0.952422	1.0205	1.0205	0.00698752	0.305293	-3.27554	0.644356	0.853777	-1.17127	0.0440142	0.455189	-2.19689	0.521229	1.24747	1.24747	0.158795	0.599157	-1.66901	2.71165	4.96717	1.62826	1
cg12252135	FSCN2;FSCN2	0.0874414	0.0331277	9.79091	9.79091	0.0350421	9.48212	9.48212	0.183678	3.63969	3.63969	0.0911468	5.49719	5.49719	0.18969	3.56913	3.56913	0.0907087	5.51245	5.51245	0.160943	3.94118	3.94118	0.02188	12.4205	12.4205	0.0340177	9.64392	9.64392	2.71163	36.0266	11.8097	1
cg06924873	MAP1D	0.0874416	0.0468547	0.291891	-3.42594	0.0621893	0.321038	-3.11489	0.0957255	0.371475	-2.69197	0.0907892	0.36484	-2.74093	0.0582161	0.313986	-3.18486	0.199838	0.480489	-2.08121	0.00813242	0.159859	-6.25552	0.257108	0.527262	-1.89659	0.170552	0.453939	-2.20294	2.71163	12.5773	4.12292	1
cg15290965	CYB5R2	0.087442	0.0386985	4.66284	4.66284	0.140036	2.77594	2.77594	0.732145	1.24725	1.24725	0.281947	2.05246	2.05246	0.0120339	7.49316	7.49316	0.116287	2.99676	2.99676	0.138401	2.78949	2.78949	0.0347971	4.86534	4.86534	0.0513737	4.16395	4.16395	2.71162	17.7594	5.82167	1
cg09599862	SPOPL	0.0874422	0.97381	0.984703	-1.01553	0.110205	2.26462	2.26462	0.4652	1.41763	1.41763	0.452802	1.43206	1.43206	0.84861	1.09388	1.09388	0.424446	1.4667	1.4667	0.0133876	0.237337	-4.21341	0.0629072	2.67102	2.67102	0.166432	0.500177	-1.99929	2.71162	9.46826	3.10376	1
cg14503521	DHX40P	0.0874434	0.94834	1.01447	1.01447	0.057868	0.621608	-1.60873	0.00774695	0.468448	-2.13471	0.126194	0.692907	-1.44319	0.0436221	0.597884	-1.67257	0.966544	0.990743	-1.00934	0.631316	0.898343	-1.11316	0.0706059	0.638907	-1.56517	0.19984	0.740595	-1.35027	2.71161	2.11132	0.692109	1
cg01970791	IGF2BP2;IGF2BP2	0.0874436	0.978402	1.00424	1.00424	0.842146	0.969349	-1.03162	0.65045	0.931256	-1.07382	0.352673	0.861299	-1.16104	0.074033	1.36456	1.36456	0.0114945	0.610428	-1.6382	0.0665799	0.725308	-1.37872	0.51341	0.901698	-1.10902	0.204701	1.23237	1.23237	2.7116	1.04679	0.343148	1
cg15174905	LOC729991-MEF2B;LOC729991-MEF2B;MEF2B;LOC729991-MEF2B	0.0874471	0.131599	0.533762	-1.87349	0.00930818	3.56966	3.56966	0.746	1.13356	1.13356	0.10997	0.510695	-1.95812	0.216393	0.605473	-1.6516	0.895461	0.950559	-1.05201	0.752918	0.885321	-1.12953	0.129032	0.531168	-1.88264	0.989517	1.00508	1.00508	2.71156	6.38886	2.09436	1
cg05150641	C3orf49	0.0874476	0.502615	0.861363	-1.16095	0.0583578	0.625497	-1.59873	0.96992	1.00831	1.00831	0.0309358	0.573638	-1.74326	0.954687	1.01254	1.01254	0.685744	0.914634	-1.09333	0.0914481	1.50335	1.50335	0.0427195	1.66813	1.66813	0.680711	1.09501	1.09501	2.71155	2.06632	0.677371	1
cg20901170	URGCP;URGCP;URGCP	0.0874493	0.734606	1.25436	1.25436	0.0121094	8.03019	8.03019	0.0343105	5.17825	5.17825	0.263375	0.459984	-2.17399	0.323183	0.506805	-1.97314	0.447715	1.67425	1.67425	0.779464	1.20559	1.20559	0.640407	1.36799	1.36799	0.169245	0.377051	-2.65216	2.71153	19.0496	6.24482	1
cg06616178	LRRC30	0.0874495	0.435274	0.732917	-1.36441	0.633347	0.828953	-1.20634	0.0311527	0.372586	-2.68394	0.16783	0.563379	-1.775	0.01589	0.315736	-3.1672	0.365343	0.695542	-1.43773	0.0100653	0.281446	-3.55307	0.143657	0.54155	-1.84655	0.62077	0.8231	-1.21492	2.71153	6.54347	2.14507	1
cg27364205	REEP6	0.0874506	0.0281052	0.242507	-4.12358	0.0496443	0.294252	-3.39845	0.0166096	0.202328	-4.94248	0.612632	0.756613	-1.32168	0.0273683	0.240316	-4.16119	0.084952	0.353263	-2.83075	0.162058	0.442422	-2.26028	0.269602	0.533665	-1.87383	0.251353	0.51963	-1.92445	2.71151	12.814	4.20069	1
cg24639679	PPP1R2P1	0.087451	0.293793	0.645851	-1.54834	0.0157143	3.28229	3.28229	0.0830929	2.16045	2.16045	0.475663	1.33803	1.33803	0.0681198	0.440374	-2.2708	0.661408	0.837836	-1.19355	0.214079	1.69074	1.69074	0.804306	0.905137	-1.1048	0.267051	1.59076	1.59076	2.71151	6.92158	2.26904	1
cg06219821	VPS13D;VPS13D	0.0874555	0.901279	1.03611	1.03611	0.700403	1.11687	1.11687	0.407241	1.27424	1.27424	0.121833	1.61513	1.61513	0.482449	1.22639	1.22639	0.00553761	0.352733	-2.835	0.503443	1.21423	1.21423	0.501983	1.21506	1.21506	0.125065	1.60743	1.60743	2.71145	3.50942	1.15049	1
cg02436605	ZNF250;ZNF250	0.087456	0.0283517	0.265025	-3.77323	0.161456	0.464292	-2.15382	0.380052	0.630014	-1.58727	0.351794	0.611611	-1.63503	0.0116289	0.198234	-5.04454	0.615979	0.771461	-1.29624	0.0488135	0.315233	-3.17226	0.0254223	0.255901	-3.90776	0.320604	0.590635	-1.69309	2.71144	11.3054	3.70623	1
cg07051221	KRT18;KRT18	0.0874564	0.103296	1.89114	1.89114	0.0915991	1.94307	1.94307	0.109475	1.86643	1.86643	0.194119	1.63436	1.63436	0.240721	1.55147	1.55147	0.027703	2.53618	2.53618	0.0108582	3.13857	3.13857	0.0646268	2.1006	2.1006	0.0740922	2.03758	2.03758	2.71144	5.49124	1.80019	1
cg04284192	KCNH2;KCNH2	0.0874565	0.227944	1.60539	1.60539	0.241576	1.58169	1.58169	0.175135	1.7149	1.7149	0.552323	1.25217	1.25217	0.26705	0.648886	-1.5411	0.990479	0.995547	-1.00447	0.0108885	3.30585	3.30585	0.0165435	2.98941	2.98941	0.971641	1.01339	1.01339	2.71144	6.00794	1.96958	1
cg05488632	EPHX3;EPHX3;EPHX3	0.0874565	0.0933343	3.20536	3.20536	0.0586444	3.84957	3.84957	0.12588	2.84379	2.84379	0.131411	2.79478	2.79478	0.0226392	5.59738	5.59738	0.0838825	3.34384	3.34384	0.255042	2.11682	2.11682	0.0530638	4.00349	4.00349	0.0180335	6.12869	6.12869	2.71144	17.1018	5.60646	1
cg03888918	ZSCAN20	0.0874566	0.266725	0.776044	-1.28859	0.00963222	0.487747	-2.05025	0.0146591	0.517669	-1.93174	0.900814	0.973049	-1.0277	0.11306	0.685307	-1.4592	0.966529	0.990848	-1.00924	0.91365	0.976513	-1.02405	0.389059	1.21338	1.21338	0.78596	0.942101	-1.06146	2.71143	2.06172	0.675893	1
cg00106432	ADAMTSL3	0.0874578	0.852464	0.9544	-1.04778	0.163163	0.688567	-1.45229	0.00513803	2.52582	2.52582	0.644953	0.890193	-1.12335	0.141234	1.48683	1.48683	0.880984	0.963138	-1.03827	0.337189	1.28153	1.28153	0.975284	1.0078	1.0078	0.250953	0.740291	-1.35082	2.71142	2.69879	0.884749	1
cg20142358	WDR48	0.0874596	0.0100242	0.458199	-2.18246	0.478699	1.18877	1.18877	0.476416	1.18987	1.18987	0.759038	1.07667	1.07667	0.179104	0.709877	-1.4087	0.510854	0.852038	-1.17366	0.123683	1.49233	1.49233	0.0862145	1.57639	1.57639	0.780825	0.935223	-1.06926	2.7114	2.47545	0.811539	1
cg02535507	RDX	0.0874604	0.0374723	0.726725	-1.37604	0.197812	1.19719	1.19719	0.00867608	1.5563	1.5563	0.552	1.08281	1.08281	0.842362	1.02668	1.02668	0.997129	1.00048	1.00048	0.862854	1.02312	1.02312	0.997456	1.00042	1.00042	0.130649	1.24089	1.24089	2.71139	0.750711	0.24611	1
cg06290096	PHLDB1	0.0874609	0.139148	0.641639	-1.55851	0.122465	1.59451	1.59451	0.0362425	0.507238	-1.97146	0.69314	1.1169	1.1169	0.215879	1.43774	1.43774	0.323421	0.752537	-1.32884	0.447333	1.24097	1.24097	0.0514601	1.85533	1.85533	0.340719	0.760565	-1.31481	2.71138	3.33689	1.09395	1
cg14214375	POLR1E	0.087462	0.278701	0.856343	-1.16776	0.0911173	0.773962	-1.29205	0.548969	1.08708	1.08708	0.180951	0.822358	-1.21602	0.0282806	0.700071	-1.42843	0.191057	0.82645	-1.20999	0.0119702	0.649402	-1.53988	0.660305	0.940921	-1.06279	0.359544	1.1385	1.1385	2.71136	0.81413	0.266903	1
cg13794009	DDAH2	0.0874627	0.231009	1.58309	1.58309	0.950942	0.977756	-1.02275	0.756182	1.12061	1.12061	0.390248	1.37973	1.37973	0.869837	0.941801	-1.0618	0.788635	0.90643	-1.10323	0.0041818	0.24585	-4.06752	0.251196	1.55012	1.55012	0.188328	1.66471	1.66471	2.71135	5.74043	1.88194	1
cg20281678	GAK	0.0874659	0.370929	1.12938	1.12938	0.0908624	0.781392	-1.27977	0.272745	1.1632	1.1632	0.444535	0.901927	-1.10874	0.328502	0.874971	-1.14289	0.105853	1.26355	1.26355	0.00986163	1.54017	1.54017	0.711637	0.952018	-1.0504	0.68501	1.05549	1.05549	2.71131	0.753111	0.246903	1
cg19172265	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.0874665	0.265773	0.435905	-2.29408	0.0387911	0.180281	-5.54691	0.471875	0.592158	-1.68874	0.329582	0.486542	-2.05532	0.0224883	0.141257	-7.07932	0.132552	0.312816	-3.19677	0.0305532	0.162077	-6.16992	0.0177124	0.12679	-7.88704	0.135421	0.315915	-3.16541	2.71131	22.0153	7.21762	1
cg16870622	BTBD2	0.087468	0.0592148	1.53854	1.53854	0.0246856	1.71779	1.71779	0.991239	1.00222	1.00222	0.00956404	1.94199	1.94199	0.103538	1.4335	1.4335	0.149757	1.36665	1.36665	0.106891	1.42766	1.42766	0.780755	1.05806	1.05806	0.643586	1.09883	1.09883	2.71129	1.75685	0.575979	1
cg16255804	HBS1L;HBS1L	0.0874688	0.690279	1.11478	1.11478	0.0164039	0.451274	-2.21595	0.0101601	0.415023	-2.4095	0.92231	0.973885	-1.02682	0.96721	0.988911	-1.01121	0.24853	0.720923	-1.38711	0.545187	1.18069	1.18069	0.979902	1.00686	1.00686	0.0954013	0.608364	-1.64375	2.71128	3.16001	1.03601	1
cg08316074	DNMT3A;DNMT3A;DNMT3A	0.0874711	0.287893	0.631796	-1.58279	0.0295672	0.344329	-2.9042	0.117346	0.492688	-2.02968	0.498236	1.33128	1.33128	0.0125335	0.274599	-3.64168	0.0521262	0.39876	-2.50777	0.162858	0.53797	-1.85884	0.860769	0.929544	-1.0758	0.148583	0.524765	-1.90561	2.71125	7.43695	2.43822	1
cg08583049	FOXB1;FOXB1	0.0874782	0.907222	0.96388	-1.03747	0.417942	0.770135	-1.29847	0.375167	0.750351	-1.33271	0.44717	0.783116	-1.27695	0.945063	0.978489	-1.02198	0.162207	0.624444	-1.60142	0.256098	0.687926	-1.45364	0.0054824	3.16569	3.16569	0.236055	1.47965	1.47965	2.71115	4.27546	1.40177	1
cg24132692	SLC35B2	0.0874785	0.493617	0.862475	-1.15945	0.00634499	2.13017	2.13017	0.0765676	1.52078	1.52078	0.276778	1.27218	1.27218	0.599938	1.11922	1.11922	0.763817	1.06623	1.06623	0.149575	0.719775	-1.38932	0.981366	1.00498	1.00498	0.172222	1.36237	1.36237	2.71115	1.94469	0.637595	1
cg10138630	EVPL	0.0874792	0.0335407	0.238244	-4.19737	0.12167	0.379366	-2.63598	0.0602632	0.294017	-3.40116	0.0876182	0.336489	-2.97186	0.0260079	0.217351	-4.60084	0.191498	0.449863	-2.2229	0.0199683	0.197448	-5.06463	0.165274	0.425298	-2.35129	0.105162	0.359596	-2.7809	2.71114	14.3282	4.69774	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10790778	CELSR3	0.0874799	0.0468577	0.741046	-1.34944	0.960497	1.00655	1.00655	0.183687	1.20415	1.20415	0.279896	1.15946	1.15946	0.226448	1.18208	1.18208	0.111028	1.25693	1.25693	0.174477	0.82675	-1.20956	0.0928747	0.783861	-1.27574	0.165773	0.823099	-1.21492	2.71113	0.744895	0.244226	1
cg24563570	PHYHIPL;PHYHIPL	0.0874809	0.499549	0.860912	-1.16156	0.462251	0.849151	-1.17765	0.349462	0.810217	-1.23424	0.739021	0.929549	-1.07579	0.00170114	0.375573	-2.6626	0.229529	0.759194	-1.31719	0.151229	0.714587	-1.39941	0.953174	0.987251	-1.01291	0.214735	0.751729	-1.33027	2.71112	2.05007	0.672152	1
cg19944763	ITGA8	0.0874825	0.127748	0.726954	-1.3756	0.344949	0.828304	-1.20729	0.198985	0.768869	-1.30061	0.228577	1.27725	1.27725	0.0709863	0.676634	-1.4779	0.825279	1.04375	1.04375	0.0171269	1.75538	1.75538	0.599139	0.902384	-1.10818	0.276075	0.802996	-1.24534	2.7111	1.61022	0.527944	1
cg05973262	NOTCH4	0.0874868	0.332541	0.785104	-1.27372	0.301326	0.771678	-1.29588	0.00737255	0.433559	-2.30649	0.53971	0.860478	-1.16215	0.0102575	0.456987	-2.18824	0.301844	0.771907	-1.29549	0.894836	1.03253	1.03253	0.112652	0.658386	-1.51887	0.321134	0.78029	-1.28157	2.71104	2.51514	0.824657	1
cg04558553	UGT2B7	0.087487	0.0475157	0.330216	-3.02832	0.894881	1.06675	1.06675	0.158465	0.478591	-2.08947	0.30104	0.59226	-1.68845	0.00555233	0.16848	-5.93542	0.107687	0.423954	-2.35874	0.117635	0.435746	-2.29491	0.83218	0.901469	-1.1093	0.090348	0.401617	-2.48994	2.71104	10.2595	3.36385	1
cg20705081	PACSIN1	0.0874873	0.144881	0.683102	-1.46391	0.290775	1.30585	1.30585	0.22856	1.36015	1.36015	0.969518	1.00934	1.00934	0.0294169	0.535608	-1.86704	0.534795	1.16533	1.16533	0.0590663	0.595212	-1.68007	0.0658213	0.60505	-1.65276	0.411981	1.22652	1.22652	2.71104	2.54388	0.834084	1
cg06822816	MAL2	0.08749	0.256776	1.3313	1.3313	0.137297	0.679142	-1.47245	0.0181038	2.00163	2.00163	0.83465	1.05183	1.05183	0.572045	1.14802	1.14802	0.233548	1.3525	1.3525	0.0625895	0.602527	-1.65968	0.108603	1.52672	1.52672	0.638214	1.12131	1.12131	2.711	2.50958	0.822848	1
cg03503785	PRKCB;PRKCB	0.0874902	0.118156	0.378462	-2.64227	0.346332	0.57384	-1.74265	0.0431417	0.263818	-3.7905	0.915811	0.941238	-1.06243	0.0997775	0.355932	-2.80952	0.664435	0.778828	-1.28398	0.0310546	0.234653	-4.26161	0.00771725	0.140833	-7.10061	0.230606	0.486631	-2.05495	2.711	14.0827	4.61746	1
cg27455098	DOCK1	0.0874918	0.00654635	0.131322	-7.61489	0.412107	1.61925	1.61925	0.692061	1.25707	1.25707	0.661322	1.28834	1.28834	0.0256886	0.218078	-4.58552	0.915887	0.94109	-1.0626	0.402553	0.611195	-1.63614	0.96493	0.975048	-1.02559	0.183915	0.444789	-2.24826	2.71098	14.1816	4.64993	1
cg06427561	PGGT1B	0.0874918	0.991603	0.99779	-1.00221	0.0217235	1.78458	1.78458	0.553411	0.881589	-1.13432	0.0600386	0.640213	-1.56198	0.196947	1.33211	1.33211	0.583835	1.12332	1.12332	0.0549492	0.632848	-1.58016	0.88935	0.971161	-1.0297	0.275583	1.26926	1.26926	2.71098	1.89736	0.622117	1
cg07242427	MGC26597	0.0874923	0.0303707	0.378321	-2.64326	0.940269	0.971785	-1.02903	0.316027	0.673068	-1.48573	0.105253	0.508657	-1.96596	0.0624013	0.448868	-2.22782	0.0406496	0.405473	-2.46625	0.0393998	0.402479	-2.4846	0.0514681	0.428813	-2.33202	0.053277	0.43234	-2.313	2.71097	6.26246	2.05337	1
cg08887483	HAP1;HAP1;HAP1	0.0874928	0.997354	0.999555	-1.00045	0.826722	1.02988	1.02988	0.453855	1.1079	1.1079	0.13936	0.807634	-1.23818	0.387318	1.12637	1.12637	0.0372068	0.722656	-1.38378	0.39208	1.12497	1.12497	0.152777	1.22833	1.22833	0.0179714	1.47126	1.47126	2.71096	0.774394	0.253913	1
cg20869369	PABPC1L	0.0874932	0.0596099	0.355548	-2.81256	0.0618017	0.359453	-2.78201	0.294736	0.589428	-1.69656	0.729509	0.844636	-1.18394	0.00546695	0.169083	-5.91424	0.383899	0.647715	-1.54389	0.071944	0.376385	-2.65685	0.809795	1.12445	1.12445	0.163052	0.484687	-2.06319	2.71096	10.1593	3.33112	1
cg22481276	KCNMB3;KCNMB3	0.0874944	0.0172562	0.251624	-3.97419	0.0350505	0.310952	-3.21593	0.495033	0.71924	-1.39036	0.832505	1.10599	1.10599	0.0330097	0.305475	-3.27359	0.732809	0.849593	-1.17703	0.0288977	0.293648	-3.40544	0.988865	1.00666	1.00666	0.329001	0.61928	-1.61478	2.71094	9.71408	3.18514	1
cg26707202	SMAD1;SMAD1	0.0874963	0.797942	0.96244	-1.03903	0.978396	0.995967	-1.00405	0.343195	1.15687	1.15687	0.21238	0.822004	-1.21654	0.896813	0.980824	-1.01955	0.108372	0.769994	-1.29871	0.00556612	0.580748	-1.72192	0.143785	1.26413	1.26413	0.41551	0.883208	-1.13224	2.71092	0.956114	0.313502	1
cg05563110	ADRA2A	0.087498	0.027686	5.46808	5.46808	0.0232301	5.87524	5.87524	0.113749	3.07447	3.07447	0.1407	2.81311	2.81311	0.736887	0.802446	-1.24619	0.169433	2.59965	2.59965	0.0732129	3.68401	3.68401	0.0264506	5.57101	5.57101	0.454758	1.64371	1.64371	2.7109	18.2904	5.99733	1
cg13289561	METTL1;FAM119B;METTL1;FAM119B	0.0875005	0.0653882	0.729629	-1.37056	0.295073	1.17997	1.17997	0.211431	1.22219	1.22219	0.220271	0.821666	-1.21704	0.115478	0.770443	-1.29795	0.906582	0.982268	-1.01805	0.0228347	0.660264	-1.51455	0.25608	1.19803	1.19803	0.417109	1.13472	1.13472	2.71086	0.997229	0.32699	1
cg07469753	DNAH1	0.087501	0.628615	0.856427	-1.16764	0.507535	0.807515	-1.23837	0.0379023	0.46512	-2.14998	0.272379	1.43806	1.43806	0.0742236	0.53121	-1.88249	0.0278929	0.437688	-2.28473	0.386685	0.754142	-1.32601	0.110572	1.73832	1.73832	0.278472	0.698829	-1.43097	2.71086	4.34154	1.42359	1
cg02107842	MAST4;MAST4;MAST4	0.0875016	0.0536088	4.12029	4.12029	0.133668	2.84348	2.84348	0.18374	2.48698	2.48698	0.32997	1.91446	1.91446	0.0155025	6.80809	6.80809	0.0905155	3.33632	3.33632	0.830065	0.870363	-1.14895	0.0190552	6.25488	6.25488	0.110467	3.07605	3.07605	2.71085	17.9177	5.87521	1
cg26414731	PSMF1	0.0875041	0.0444146	0.213354	-4.68704	0.9286	0.941791	-1.06181	0.192561	0.397383	-2.51646	0.243956	2.26081	2.26081	0.014787	0.134389	-7.44106	0.0713848	0.259908	-3.84752	0.0970102	0.295573	-3.38326	0.240634	0.439538	-2.27512	0.17027	0.376328	-2.65726	2.71082	19.2237	6.30352	1
cg24251564	C17orf100;MED31	0.087505	0.107288	0.756081	-1.32261	0.30802	0.845496	-1.18274	0.489193	0.894268	-1.11823	0.178398	1.25536	1.25536	0.790718	1.04321	1.04321	0.684255	0.937037	-1.06719	0.0214243	0.644273	-1.55214	0.535863	1.10486	1.10486	0.0374867	1.4681	1.4681	2.71081	1.08622	0.356177	1
cg02142767	SCARB1;SCARB1	0.0875056	0.0554737	0.709478	-1.40949	0.522483	1.10793	1.10793	0.734516	1.0553	1.0553	0.155934	1.2713	1.2713	0.0591233	0.713933	-1.40069	0.250773	1.20896	1.20896	0.0629603	0.718361	-1.39206	0.403636	1.14469	1.14469	0.131313	0.772901	-1.29383	2.7108	1.07352	0.352016	1
cg04294677	BCL11B;BCL11B	0.0875068	0.0864444	0.643639	-1.55367	0.656587	1.10972	1.10972	0.297748	1.28547	1.28547	0.514787	0.857554	-1.16611	0.083828	1.56065	1.56065	0.958761	1.0121	1.0121	0.0132119	2.04335	2.04335	0.0701569	1.60156	1.60156	0.435803	1.20318	1.20318	2.71078	2.32362	0.761935	1
cg17702024	ST3GAL5	0.08751	0.457497	1.08364	1.08364	0.0195923	1.3491	1.3491	0.297952	0.891765	-1.12137	0.217822	0.871413	-1.14756	0.20864	1.15111	1.15111	0.589958	1.05946	1.05946	0.27055	0.885329	-1.12952	0.0881719	0.818922	-1.22112	0.142026	1.18246	1.18246	2.71074	0.483937	0.158689	1
cg14966174	UBXN2A	0.0875129	0.158193	0.651471	-1.53499	0.142605	0.638887	-1.56522	0.805969	1.07166	1.07166	0.00740574	2.74707	2.74707	0.88631	1.04104	1.04104	0.411925	0.789266	-1.267	0.495587	1.21528	1.21528	0.711472	0.900761	-1.11017	0.148264	0.643569	-1.55384	2.89476	3.54705	0.953038	1
cg14485787	MGMT	0.0875137	0.0216855	0.635277	-1.57412	0.157246	1.28271	1.28271	0.0346638	0.666731	-1.49985	0.959661	0.991709	-1.00836	0.225699	0.811053	-1.23297	0.43859	0.878056	-1.13888	0.51495	1.11481	1.11481	0.12745	0.762387	-1.31167	0.307504	1.18991	1.18991	2.71069	1.16319	0.381431	1
cg12287055	HTT	0.087514	0.555772	0.885773	-1.12896	0.551736	0.884649	-1.13039	0.0124487	0.530967	-1.88336	0.0365948	0.609918	-1.63956	0.539401	1.13483	1.13483	0.132651	0.71872	-1.39136	0.170586	1.34588	1.34588	0.414249	1.18517	1.18517	0.857926	1.03715	1.03715	2.71069	1.77885	0.583322	1
cg05505763	FGF14	0.0875146	0.135954	1.26197	1.26197	0.0287389	0.688287	-1.45288	0.743687	0.953599	-1.04866	0.847263	0.972462	-1.02832	0.139854	1.25864	1.25864	0.0748193	1.33289	1.33289	0.168328	1.23687	1.23687	0.327793	0.86392	-1.15751	0.216208	0.828235	-1.20739	2.71068	0.900243	0.295208	1
cg19764399	MED4	0.0875152	0.691722	1.09063	1.09063	0.0914729	1.49866	1.49866	0.0463509	1.64344	1.64344	0.101221	1.47799	1.47799	0.907404	0.974989	-1.02565	0.344447	1.23613	1.23613	0.719411	1.0817	1.0817	0.0274246	0.5667	-1.7646	0.101925	1.47658	1.47658	2.71067	2.03443	0.667136	1
cg21422871	FGGY;FGGY	0.0875182	0.356152	0.542572	-1.84307	0.00758041	0.109412	-9.13976	0.00681574	0.104531	-9.5665	0.699312	0.77877	-1.28408	0.269618	0.476826	-2.0972	0.344423	0.533981	-1.87273	0.348066	0.536658	-1.86338	0.22211	0.437507	-2.28568	0.340211	0.530875	-1.88368	2.71063	17.8175	5.84282	1
cg17977470	TMEM88	0.0875187	0.510473	1.4568	1.4568	0.00968509	6.32688	6.32688	0.0648335	3.21798	3.21798	0.0647694	3.2191	3.2191	0.316901	1.79169	1.79169	0.0761708	3.04083	3.04083	0.0721135	3.09995	3.09995	0.374665	1.67127	1.67127	0.0336005	4.05111	4.05111	2.71063	13.6381	4.47229	1
cg25920630	BPGM;BPGM	0.0875188	0.200671	0.847522	-1.17991	0.136571	1.21691	1.21691	0.901834	1.01522	1.01522	0.178101	0.839336	-1.19142	0.156129	0.830516	-1.20407	0.575079	0.933022	-1.07179	0.0516559	1.3114	1.3114	0.289006	1.14422	1.14422	0.0378879	1.34268	1.34268	2.71063	0.643185	0.210918	1
cg03928539	KCNJ12	0.0875195	0.664679	0.904565	-1.1055	0.681703	1.09949	1.09949	0.91561	1.02468	1.02468	0.00315668	2.52878	2.52878	0.361502	0.805958	-1.24076	0.248817	0.75788	-1.31947	0.293967	0.77853	-1.28447	0.599991	0.885418	-1.12941	0.669611	0.906003	-1.10375	2.71062	2.27067	0.744616	1
cg16139401	UBAC2;UBAC2;UBAC2	0.0875218	0.750199	0.849869	-1.17665	0.677816	1.2371	1.2371	0.81527	1.12658	1.12658	0.0336982	3.53662	3.53662	0.0835768	2.65206	2.65206	0.156248	2.16504	2.16504	0.0253834	0.258378	-3.8703	0.734027	1.18968	1.18968	0.126887	2.31834	2.31834	2.71059	11.1346	3.65139	1
cg27401116	EGFL8	0.0875294	0.881099	1.02816	1.02816	0.246364	1.25223	1.25223	0.00413058	0.489889	-2.04128	0.276785	1.23353	1.23353	0.419979	1.16518	1.16518	0.478647	0.874903	-1.14298	0.234662	1.26002	1.26002	0.806369	0.955457	-1.04662	0.595777	0.905437	-1.10444	2.71049	1.47783	0.484644	1
cg07089834	SLC38A10;SLC38A10	0.0875307	0.544877	0.791493	-1.26343	0.555239	1.2557	1.2557	0.407613	0.723803	-1.38159	0.653847	0.841776	-1.18796	0.00162557	0.178502	-5.60217	0.320146	0.675702	-1.47994	0.793837	0.904892	-1.1051	0.864645	1.06727	1.06727	0.359818	0.698191	-1.43227	2.71047	6.2509	2.04996	1
cg21696393	SOX8	0.0875351	0.0194458	0.466273	-2.14467	0.30971	0.752841	-1.3283	0.153317	0.661696	-1.51127	0.137732	0.649417	-1.53984	0.138943	0.650407	-1.5375	0.818451	1.06406	1.06406	0.0256916	0.488886	-2.04547	0.0447748	0.536797	-1.8629	0.472788	1.21801	1.21801	2.71041	3.13102	1.02683	1
cg10336537	SF3A3	0.0875365	0.00573679	0.678027	-1.47487	0.694943	0.958592	-1.0432	0.638958	1.05201	1.05201	0.452743	0.921199	-1.08554	0.243231	1.14	1.14	0.97018	1.00402	1.00402	0.51468	1.07347	1.07347	0.292028	0.88931	-1.12447	0.0872886	1.22455	1.22455	2.7104	0.494251	0.162092	1
cg24420726	SIPA1L3	0.0875367	0.0509134	0.0872079	-11.4669	0.327158	0.329683	-3.03322	0.2176	0.241024	-4.14897	0.29879	0.306858	-3.25884	0.0434323	0.0782608	-12.7778	0.0423817	0.0769659	-12.9928	0.0100508	0.0283286	-35.3001	0.908307	1.13472	1.13472	0.10145	0.139856	-7.1502	2.71039	51.6551	16.9406	1
cg16435923	PCDHGA4;PCDHGA2;PCDHGA5;PCDHGB2;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA5	0.0875387	0.029985	6.52532	6.52532	0.0464955	5.33978	5.33978	0.202696	2.68597	2.68597	0.171952	2.91028	2.91028	0.0625836	4.66259	4.66259	0.115325	3.51756	3.51756	0.0126516	9.74889	9.74889	0.0875359	3.99748	3.99748	0.139681	3.21441	3.21441	2.71037	23.169	7.59849	1
cg08252871	GXYLT1;GXYLT1	0.0875392	0.0661599	0.439452	-2.27556	0.43237	1.37666	1.37666	0.158633	0.548184	-1.82421	0.588884	0.804382	-1.24319	0.0371511	0.380878	-2.62551	0.302853	0.653257	-1.53079	0.04882	0.407555	-2.45366	0.16223	1.81358	1.81358	0.0746754	0.452885	-2.20806	2.71036	6.83193	2.2406	1
cg18127619	SEC23A	0.0875427	0.350798	2.18334	2.18334	0.839294	0.847803	-1.17952	0.701363	0.731028	-1.36794	0.732473	1.32181	1.32181	0.00205665	0.0292921	-34.1389	0.480642	1.79128	1.79128	0.556448	1.62201	1.62201	0.819926	0.830773	-1.2037	0.839313	0.84782	-1.1795	2.71032	28.3802	9.30772	1
cg10802379	GPX3	0.0875435	0.49678	0.84621	-1.18174	0.145092	0.684741	-1.46041	0.00666035	2.3446	2.3446	0.973483	0.991988	-1.00808	0.908879	0.97267	-1.0281	0.563475	0.868184	-1.15183	0.0873016	0.633252	-1.57915	0.909494	1.0279	1.0279	0.211338	0.727095	-1.37534	2.71031	2.51434	0.824619	1
cg04854917	MGMT	0.0875435	0.150766	2.80884	2.80884	0.865277	0.892362	-1.12062	0.692235	0.765814	-1.3058	0.133683	2.959	2.959	0.153296	0.35861	-2.78855	0.691884	1.30622	1.30622	0.0197722	6.60372	6.60372	0.026352	5.84989	5.84989	0.191736	2.52655	2.52655	2.71031	19.307	6.33205	1
cg10142436	EHD4	0.0875446	0.369172	0.495414	-2.01851	0.00194933	0.0355652	-28.1174	0.0611916	0.200587	-4.98538	0.951253	0.95451	-1.04766	0.522528	0.610457	-1.63812	0.320966	0.457998	-2.18341	0.382697	0.505743	-1.97729	0.579567	0.65301	-1.53137	0.322073	0.45887	-2.17927	2.71029	24.8933	8.16421	1
cg25499017	CIT	0.0875446	0.21763	0.85641	-1.16766	0.16031	1.19634	1.19634	0.030124	1.35633	1.35633	0.253287	0.867108	-1.15326	0.17829	0.842884	-1.1864	0.10986	0.811971	-1.23157	0.48176	0.918095	-1.08921	0.18626	1.18231	1.18231	0.247857	0.865556	-1.15533	2.71029	0.613097	0.201076	1
cg05294455	MYL4;MYL4	0.0875448	0.0807926	0.302923	-3.30117	0.0565582	0.264129	-3.78604	0.10065	0.329851	-3.03167	0.110811	0.342469	-2.91997	0.0332091	0.215369	-4.64318	0.0457631	0.243549	-4.10595	0.0541852	0.259827	-3.84872	0.0326675	0.214013	-4.67262	0.0913823	0.317702	-3.14761	2.71029	16.3291	5.35541	1
cg18833228	PALM;PALM	0.0875452	0.191255	0.835923	-1.19628	0.0206893	1.43454	1.43454	0.0664211	1.30556	1.30556	0.489118	1.09528	1.09528	0.502762	0.915677	-1.09209	0.117664	0.802447	-1.24619	0.13784	1.22994	1.22994	0.628504	0.938804	-1.06518	0.357836	1.13029	1.13029	2.71028	0.720114	0.236175	1
cg26342637	WFDC5	0.0875464	0.152154	0.783204	-1.27681	0.609632	0.921241	-1.08549	0.0933933	0.745298	-1.34175	0.0329064	0.672019	-1.48805	0.862419	0.972747	-1.02802	0.0604431	1.40112	1.40112	0.095276	1.33906	1.33906	0.442651	1.13281	1.13281	0.846304	1.0314	1.0314	2.71027	1.08926	0.357245	1
cg14257593	CLTA;CLTA;CLTA	0.0875477	0.12787	0.698094	-1.43247	0.0531979	0.619041	-1.6154	0.935076	1.01795	1.01795	0.0167781	0.52874	-1.89129	0.017967	0.533786	-1.87341	0.912899	0.976394	-1.02418	0.561398	1.13679	1.13679	0.880796	0.967768	-1.03331	0.657018	1.10249	1.10249	2.71025	2.04618	0.671091	1
cg05155784	GLTP	0.0875501	0.0742879	0.413797	-2.41665	0.0315347	0.32667	-3.06119	0.0162059	0.27123	-3.68691	0.602727	0.792168	-1.26236	0.112425	0.464513	-2.15279	0.461955	0.717305	-1.39411	0.0764281	0.417066	-2.3977	0.0231993	0.299973	-3.33364	0.538589	0.758626	-1.31817	2.71022	8.44958	2.77126	1
cg00102714	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46	0.0875501	0.991316	0.996958	-1.00305	0.494357	0.823436	-1.21442	0.734409	0.909076	-1.10002	0.578028	0.854442	-1.17035	0.797464	1.07465	1.07465	0.906939	1.03328	1.03328	0.00137438	0.272686	-3.66723	0.895706	1.0374	1.0374	0.677012	0.889349	-1.12442	2.71022	3.36374	1.10323	1
cg02462519	DUSP6;DUSP6	0.0875521	0.893128	1.01386	1.01386	0.0378446	0.781429	-1.27971	0.803769	1.02583	1.02583	0.137269	1.17813	1.17813	0.80951	0.975569	-1.02504	0.6302	1.05094	1.05094	0.00688886	0.698875	-1.43087	0.510872	0.933979	-1.07069	0.414173	0.91806	-1.08925	2.71019	0.450244	0.147671	1
cg21775668	LOC285733	0.0875558	0.043679	0.184486	-5.42045	0.0444447	0.185943	-5.37798	0.271025	0.433779	-2.30532	0.089544	0.25556	-3.91298	0.135869	0.309942	-3.22641	0.0234052	0.138913	-7.19874	0.0252691	0.14387	-6.95072	0.470232	0.585427	-1.70815	0.0586347	0.210789	-4.74408	2.71015	22.8011	7.47844	1
cg00759427	RGS19;RGS19	0.0875561	0.112544	0.727202	-1.37513	0.658201	0.921181	-1.08556	0.442242	0.865474	-1.15544	0.0428864	0.650697	-1.53681	0.898422	0.976725	-1.02383	0.50705	1.13215	1.13215	0.0307305	1.59673	1.59673	0.622675	1.09577	1.09577	0.0479092	0.659002	-1.51745	2.71014	1.45946	0.478683	1
cg13257636	CLIP4	0.0875566	0.0558664	0.689306	-1.45073	0.424546	1.15037	1.15037	0.730118	0.942253	-1.06129	0.0138991	0.593333	-1.6854	0.730159	0.942262	-1.06128	0.260985	1.22307	1.22307	0.0518403	0.683828	-1.46236	0.66667	1.07727	1.07727	0.428111	1.14908	1.14908	2.71013	1.26634	0.415342	1
cg18387853	EED;EED	0.087557	0.77249	0.979893	-1.02052	0.0665817	1.15503	1.15503	0.455843	1.05466	1.05466	0.0199701	0.821383	-1.21746	0.395211	1.06291	1.06291	0.907319	0.991873	-1.00819	0.0242035	0.828382	-1.20717	0.901576	0.991369	-1.00871	0.589312	0.962533	-1.03892	2.71013	0.210716	0.0691121	1
cg16846765	COLEC11;COLEC11	0.0875586	0.333764	0.75537	-1.32385	0.00860579	0.3895	-2.5674	0.512753	0.829603	-1.2054	0.365868	1.29879	1.29879	0.0255954	0.474107	-2.10923	0.578728	1.17097	1.17097	0.276149	0.727038	-1.37544	0.53495	1.19342	1.19342	0.644454	1.1397	1.1397	2.71011	3.39898	1.11483	1
cg04819539	FAM119B;FAM119B	0.0875616	0.284783	0.626841	-1.5953	0.634209	0.817504	-1.22324	0.312885	0.644805	-1.55086	0.840544	1.08837	1.08837	0.00532948	0.213688	-4.67973	0.860357	0.928652	-1.07683	0.0207081	0.310091	-3.22486	0.527341	0.763981	-1.30893	0.0745911	0.433894	-2.30471	2.71007	7.58467	2.48773	1
cg26776656	LGALS7	0.0875618	0.0126261	0.598132	-1.67187	0.514039	1.11592	1.11592	0.449519	1.13624	1.13624	0.0722567	0.717134	-1.39444	0.144211	0.771048	-1.29694	0.220071	0.807579	-1.23827	0.141485	1.29959	1.29959	0.235038	0.813601	-1.2291	0.866542	0.972508	-1.02827	2.71007	1.17907	0.386731	1
cg27623451	FNDC3B;FNDC3B	0.0875627	0.676445	1.0855	1.0855	0.059207	0.659424	-1.51648	0.338049	0.824435	-1.21295	0.0319655	1.63441	1.63441	0.279253	1.24595	1.24595	0.725003	0.933288	-1.07148	0.0204995	1.72588	1.72588	0.664502	1.08905	1.08905	0.587951	1.11286	1.11286	2.71006	1.64013	0.537957	1
cg11001739	MAD1L1;MAD1L1;MAD1L1	0.087565	0.386064	0.579787	-1.72477	0.0158081	0.163036	-6.13363	0.0265456	0.199302	-5.01751	0.928979	0.946782	-1.05621	0.0540106	0.261398	-3.82558	0.694463	1.27402	1.27402	0.0321969	0.214603	-4.65976	0.489166	0.649849	-1.53882	0.231155	0.462783	-2.16084	2.71003	16.152	5.29787	1
cg20671613	KLRA1	0.0875666	0.631293	0.870268	-1.14907	0.0668904	0.554151	-1.80456	0.136882	0.630979	-1.58484	0.247619	0.706543	-1.41534	0.83366	0.941355	-1.0623	0.492101	1.22202	1.22202	0.00306308	0.311808	-3.2071	0.819929	0.936577	-1.06772	0.480521	0.813767	-1.22885	2.71001	3.54455	1.16262	1
cg12223372	SEC61A1	0.0875685	0.765241	1.04386	1.04386	0.739584	0.953306	-1.04898	0.425162	1.12383	1.12383	0.201712	1.21319	1.21319	0.390159	0.881415	-1.13454	0.0619957	0.739898	-1.35154	0.00710134	0.607402	-1.64636	0.353532	1.14664	1.14664	0.646949	1.06834	1.06834	2.70998	0.88196	0.289288	1
cg18499321	RIMBP2	0.0875692	0.0519717	0.202494	-4.93841	0.119726	3.38503	3.38503	0.191821	2.71289	2.71289	0.740396	1.27146	1.27146	0.0361579	0.172072	-5.81153	0.630764	1.41879	1.41879	0.119856	0.295565	-3.38335	0.717061	0.768842	-1.30066	0.120569	0.296374	-3.37412	2.70997	22.3921	7.34477	1
cg19047404	EIF4E;EIF4E;EIF4E	0.0875692	0.0211917	0.597293	-1.67422	0.419334	0.857726	-1.16587	0.951828	1.0113	1.0113	0.921054	1.01861	1.01861	0.277821	0.810666	-1.23355	0.990278	1.00227	1.00227	0.0116411	0.556274	-1.79768	0.965465	1.00809	1.00809	0.0265276	0.613177	-1.63085	2.70997	1.48472	0.486997	1
cg10894718	MTMR9	0.0875695	0.305034	0.777061	-1.2869	0.844211	1.04783	1.04783	0.285124	0.768237	-1.30168	0.388801	1.23336	1.23336	0.125084	1.48329	1.48329	0.00777328	0.444113	-2.25168	0.196992	1.38253	1.38253	0.715725	0.916808	-1.09074	0.321891	1.2751	1.2751	2.70997	2.42053	0.793951	1
cg12252759	NPC1L1;NPC1L1	0.0875706	0.457054	0.741449	-1.34871	0.104099	0.495662	-2.01751	0.0208991	0.33358	-2.99779	0.477441	1.33016	1.33016	0.0240317	0.345366	-2.89548	0.1156	0.508846	-1.96523	0.0997347	0.490394	-2.03918	0.0448599	0.402764	-2.48284	0.393048	0.707808	-1.41281	2.70995	6.69577	2.19627	1
cg26040060	CYTH1;CYTH1	0.0875721	0.193353	0.713484	-1.40157	0.649858	0.893961	-1.11862	0.0514043	0.580435	-1.72285	0.082114	0.623482	-1.6039	0.00323999	0.373477	-2.67754	0.270757	0.754848	-1.32477	0.988356	1.00359	1.00359	0.793257	0.937609	-1.06654	0.567053	0.867701	-1.15247	2.70993	2.58193	0.846903	1
cg02307880	CUX1;CUX1;CUX1	0.0875728	0.536678	1.25516	1.25516	0.00429651	4.0034	4.0034	0.0224543	2.70001	2.70001	0.872431	1.06011	1.06011	0.797489	1.09791	1.09791	0.237655	1.5673	1.5673	0.293261	1.48593	1.48593	0.813587	0.917773	-1.08959	0.716861	0.87608	-1.14145	2.70993	5.66323	1.85761	1
cg08001552	LMF1	0.0875747	0.254259	0.823474	-1.21437	0.0175684	1.60226	1.60226	0.231856	1.22701	1.22701	0.889869	1.02286	1.02286	0.701947	0.939194	-1.06474	0.130478	0.766095	-1.30532	0.800297	1.04222	1.04222	0.215157	0.808267	-1.23722	0.0508213	0.695589	-1.43763	2.7099	1.14239	0.37472	1
cg08793459	PTRH2;TMEM49	0.0875769	0.052692	0.637469	-1.5687	0.264336	0.788332	-1.2685	0.519073	0.874921	-1.14296	0.0251542	1.72356	1.72356	0.274874	0.792757	-1.26142	0.576933	1.12211	1.12211	0.112453	0.702396	-1.4237	0.0668462	0.657039	-1.52198	0.73744	0.93353	-1.0712	2.70987	1.79356	0.588322	1
cg10363246	KCNA1;KCNA1	0.0875771	0.834307	0.939116	-1.06483	0.184419	1.52531	1.52531	0.0758305	1.80861	1.80861	0.0590089	0.527606	-1.89535	0.325981	1.35545	1.35545	0.0633625	0.534656	-1.87036	0.699897	1.12317	1.12317	0.169248	1.55142	1.55142	0.102932	1.70749	1.70749	2.70987	3.85971	1.26606	1
cg16758041	NDUFB6;NDUFB6	0.0875783	0.997394	1.00071	1.00071	0.0772181	1.53496	1.53496	0.0367002	1.69791	1.69791	0.0163412	1.897	1.897	0.134508	0.703314	-1.42184	0.110305	1.46166	1.46166	0.940972	1.01628	1.01628	0.427033	1.19349	1.19349	0.794625	1.05855	1.05855	2.70985	2.04172	0.669728	1
cg00643111	TGFB1I1;TGFB1I1;TGFB1I1	0.0875789	0.593756	1.12386	1.12386	0.261581	0.77575	-1.28908	0.124942	1.43368	1.43368	0.050793	1.62037	1.62037	0.514841	1.15402	1.15402	0.0724955	0.647485	-1.54444	0.0437011	0.604771	-1.65352	0.278614	1.27678	1.27678	0.693402	0.917648	-1.08974	2.70985	2.01898	0.662269	1
cg06418113	RNF165	0.08758	0.0696235	0.409575	-2.44156	0.361161	0.661712	-1.51123	0.618014	1.24751	1.24751	0.186148	0.539788	-1.85258	0.130025	0.487047	-2.05319	0.435261	0.704568	-1.41931	0.00314274	0.169338	-5.90536	0.199616	0.550952	-1.81504	0.485466	0.732134	-1.36587	2.70983	8.30469	2.72414	1
cg06211255	FRMD8	0.0875805	0.0202799	0.496016	-2.01607	0.713953	0.91189	-1.09662	0.493934	1.19011	1.19011	0.148821	0.678465	-1.47391	0.0175666	0.484838	-2.06254	0.0872925	0.623144	-1.60476	0.0504975	0.572108	-1.74792	0.323875	0.77471	-1.2908	0.945959	0.98316	-1.01713	2.70983	2.69389	0.883663	1
cg06354916	CAPN8	0.087582	0.828583	0.955439	-1.04664	0.544901	0.879137	-1.13748	0.0580638	0.637409	-1.56885	0.00828564	0.491819	-2.03327	0.489564	0.862806	-1.15901	0.185555	0.74445	-1.34327	0.0909387	0.676061	-1.47916	0.571396	1.12777	1.12777	0.0321804	0.590103	-1.69462	2.70981	1.89671	0.622171	1
cg24676740	VPS52	0.0875821	0.923148	0.972	-1.02881	0.0667893	0.546152	-1.83099	0.0346193	0.484299	-2.06484	0.0241658	0.45331	-2.20599	0.0310796	0.474811	-2.1061	0.835947	1.06293	1.06293	0.0649142	0.54331	-1.84057	0.436379	0.791602	-1.26326	0.115621	0.604473	-1.65433	2.70981	3.71762	1.21948	1
cg27235008	B4GALT3	0.0875829	0.301999	0.806098	-1.24054	0.728049	0.932051	-1.0729	0.173366	0.746754	-1.33913	0.0380125	1.62395	1.62395	0.478161	1.15646	1.15646	0.229595	1.28932	1.28932	0.110342	0.704151	-1.42015	0.492601	0.868943	-1.15082	0.0356741	1.63693	1.63693	2.70979	1.7439	0.572048	1
cg15905960	SIK2	0.0875833	0.0142751	0.103288	-9.68165	?	?	?	0.443512	0.5795	-1.72563	0.990986	1.00787	1.00787	0.401895	0.54883	-1.82206	0.0211626	0.127299	-7.8555	0.253304	0.431481	-2.3176	0.407709	1.80783	1.80783	0.351274	1.95861	1.95861	3.18651	20.5477	4.83626	1
cg10884539	MYLK4	0.0875844	0.0579234	0.591952	-1.68933	0.407446	0.812807	-1.2303	0.0513979	0.5813	-1.72028	0.0125523	0.467963	-2.13692	0.0151162	0.481826	-2.07544	0.74611	0.923615	-1.0827	0.178521	0.704965	-1.41851	0.805042	0.941305	-1.06236	0.554814	0.864064	-1.15732	2.70977	2.56749	0.842214	1
cg02039485	ITPK1;ITPK1;ITPK1	0.0875846	0.172238	0.636378	-1.57139	0.55564	0.830756	-1.20372	0.170948	1.57381	1.57381	0.556744	1.20309	1.20309	0.0106085	0.368008	-2.71733	0.107744	0.579278	-1.72629	0.500393	1.2371	1.2371	0.889072	1.04437	1.04437	0.0775725	0.543224	-1.84086	2.70977	4.15264	1.3622	1
cg26889343	AP2A1;AP2A1	0.0875859	0.221928	1.40556	1.40556	0.22999	0.716056	-1.39654	0.0762664	0.592706	-1.68718	0.0426768	0.538591	-1.8567	0.135969	0.653064	-1.53124	0.538026	0.847596	-1.17981	0.0810397	1.67028	1.67028	0.463117	0.820322	-1.21903	0.0825303	0.600516	-1.66524	2.70975	3.01817	0.99006	1
cg13856810	SAMD11	0.0875865	0.109271	1.9112	1.9112	0.0266441	2.6496	2.6496	0.186514	1.68107	1.68107	0.128507	1.83934	1.83934	0.683287	1.16434	1.16434	0.111299	0.525499	-1.90295	0.086896	2.0164	2.0164	0.329406	0.688421	-1.4526	0.162082	1.73971	1.73971	2.70975	5.90471	1.93695	1
cg17922215	CTSH;CTSH	0.0875883	0.172113	0.819132	-1.2208	0.516106	0.913584	-1.09459	0.159609	1.22911	1.22911	0.506165	1.09702	1.09702	0.669638	1.06068	1.06068	0.584197	0.926944	-1.07881	0.0284286	0.701153	-1.42622	0.488255	1.10148	1.10148	0.0146019	0.66178	-1.51108	2.70972	0.808639	0.265263	1
cg11547355	SF3B1;SF3B1	0.0875884	0.185587	0.779575	-1.28275	0.505038	0.886929	-1.12749	0.475296	0.879164	-1.13744	0.699168	0.933432	-1.07132	0.773202	0.950032	-1.0526	0.306124	0.828643	-1.20679	0.00349077	0.495074	-2.0199	0.864794	0.97022	-1.03069	0.101889	1.37387	1.37387	2.70972	1.35055	0.443031	1
cg15721424	ALG8;ALG8	0.0875927	0.260497	1.5617	1.5617	0.0116848	3.30951	3.30951	0.399875	1.38726	1.38726	0.118532	0.525379	-1.90339	0.531721	0.786151	-1.27202	0.638061	1.19718	1.19718	0.989819	1.00486	1.00486	0.109234	1.9413	1.9413	0.0497984	2.33938	2.33938	2.70967	6.19124	2.031	1
ch.2.740763F	ALK	0.0875928	0.00398129	0.174001	-5.74708	0.150027	0.498069	-2.00775	0.374991	0.662794	-1.50876	0.0320082	0.321482	-3.11059	0.589776	0.782029	-1.27872	0.179113	0.524852	-1.9053	0.0914211	0.431875	-2.31548	0.191244	0.535254	-1.86827	0.345654	0.644874	-1.55069	2.70967	8.75575	2.87227	1
cg20970945	DDX52;DDX52	0.087593	0.777253	0.91394	-1.09416	0.015761	0.391126	-2.55672	0.0469405	0.485975	-2.05772	0.184778	0.640001	-1.5625	0.833748	1.06896	1.06896	0.996733	0.998702	-1.0013	0.148975	1.63405	1.63405	0.134155	1.6695	1.6695	0.70483	1.12834	1.12834	2.70966	4.32032	1.41725	1
cg16644510	ZSWIM5	0.0875941	0.0876014	0.77089	-1.2972	0.0160009	1.50222	1.50222	0.0984823	1.28409	1.28409	0.642351	0.937499	-1.06667	0.490308	1.10152	1.10152	0.810589	1.03369	1.03369	0.20499	1.20267	1.20267	0.786003	1.03827	1.03827	0.110308	0.78651	-1.27144	2.70965	0.817223	0.268086	1
cg23916205	GATA4	0.087596	0.0667376	0.50734	-1.97107	0.0213373	0.401218	-2.49241	0.21641	0.650895	-1.53635	0.396531	0.750809	-1.3319	0.0150147	0.372733	-2.68289	0.0276111	0.423238	-2.36274	0.867574	0.946401	-1.05663	0.992421	1.00314	1.00314	0.667686	0.86712	-1.15324	2.70962	4.6765	1.53412	1
cg06849501	SHANK2;SHANK2	0.0875962	0.0161627	0.656121	-1.52411	0.551994	0.917435	-1.09	0.10659	0.77698	-1.28703	0.928814	0.987285	-1.01288	0.0184662	0.664127	-1.50574	0.27395	1.17708	1.17708	0.0891987	0.764585	-1.3079	0.208758	0.82715	-1.20897	0.481976	0.902715	-1.10777	2.70962	0.880168	0.288738	1
cg25465406	GUCY2D	0.087597	0.0537198	7.98183	7.98183	0.0127508	18.8103	18.8103	0.0870927	5.99865	5.99865	0.337798	2.55237	2.55237	0.67138	0.667199	-1.4988	0.489435	1.9461	1.9461	0.0690362	6.88427	6.88427	0.709307	1.42632	1.42632	0.0274731	11.8563	11.8563	2.70961	38.5883	12.6589	1
cg03955764	LOC100133308	0.0875984	0.567165	0.840633	-1.18958	0.284464	1.39614	1.39614	0.488254	0.809503	-1.23533	0.294432	0.721535	-1.38593	0.0150367	0.407791	-2.45223	0.0467346	0.504894	-1.98061	0.0393922	0.489059	-2.04474	0.296342	1.38402	1.38402	0.621999	0.861438	-1.16085	2.70959	3.86574	1.26816	1
cg02916312	RIMS1	0.0875991	0.00728348	0.214033	-4.67217	0.135448	0.488342	-2.04775	0.393358	0.677435	-1.47616	0.385624	0.672894	-1.48612	0.294775	0.616323	-1.62253	0.16604	1.9307	1.9307	0.996412	1.002	1.002	0.224049	1.76635	1.76635	0.455846	1.40255	1.40255	2.70958	8.5138	2.79298	1
cg07202368	STK11IP	0.0875999	0.165841	1.36732	1.36732	0.216841	0.759501	-1.31665	0.983646	0.99567	-1.00435	0.188911	1.34267	1.34267	0.00550149	0.461804	-2.16542	0.947651	1.014	1.014	0.471594	0.856396	-1.16768	0.343631	1.2294	1.2294	0.737185	1.0739	1.0739	2.70957	1.92324	0.630929	1
cg25270655	ABTB2	0.0876	0.00363076	0.096263	-10.3882	0.434257	1.60724	1.60724	0.822902	0.875184	-1.14262	0.814019	0.869224	-1.15045	0.0294392	0.217565	-4.59632	0.961015	0.971348	-1.0295	0.988853	1.00834	1.00834	0.432299	0.620876	-1.61063	0.848209	0.89229	-1.12071	2.70957	15.1792	4.97962	1
cg16410796	SNTG2	0.0876011	0.0526158	0.301839	-3.31302	0.97589	1.01656	1.01656	0.220094	0.496112	-2.01567	0.65898	0.78549	-1.27309	0.00886867	0.163526	-6.11523	0.105498	0.382342	-2.61546	0.0954907	0.369486	-2.70646	0.156742	0.438923	-2.2783	0.032085	0.255377	-3.91577	2.70956	12.6829	4.1607	1
cg24432977	CASP5;CASP5;CASP5;CASP5;CASP5;CASP5	0.0876014	0.17162	1.55017	1.55017	0.822244	1.07013	1.07013	0.135006	0.615488	-1.62473	0.735083	0.902758	-1.10772	0.101256	0.582443	-1.71691	0.364921	0.755463	-1.32369	0.0120244	0.389252	-2.56903	0.127015	1.644	1.644	0.420987	0.78065	-1.28098	2.70955	3.8936	1.27732	1
cg12341343	COMMD1	0.0876016	0.627048	1.04559	1.04559	0.564399	0.948331	-1.05448	0.138593	0.864869	-1.15624	0.73211	1.03178	1.03178	0.0732368	1.19949	1.19949	0.454847	1.07177	1.07177	0.0056267	1.39226	1.39226	0.175476	1.14018	1.14018	0.738328	1.031	1.031	2.70955	0.355801	0.116723	1
cg15975574	RUNX1T1	0.0876031	0.177409	0.658448	-1.51872	0.68311	0.887234	-1.1271	0.926652	0.973516	-1.0272	0.145634	0.634164	-1.57688	0.702465	0.894149	-1.11838	0.30685	0.734635	-1.36122	0.00618581	0.35317	-2.8315	0.0325443	0.482218	-2.07375	0.040173	0.500996	-1.99602	2.70953	3.64663	1.19631	1
cg14312538	CDH2	0.0876033	0.0203141	0.543074	-1.84137	0.66781	0.910083	-1.0988	0.382295	0.822393	-1.21596	0.247525	1.30193	1.30193	0.818409	1.05147	1.05147	0.0115483	0.501929	-1.99231	0.966907	0.990987	-1.00909	0.886613	0.969343	-1.03163	0.0780618	0.652291	-1.53306	2.70953	2.04376	0.670477	1
cg23533703	BCL10	0.0876095	0.205003	0.831579	-1.20253	0.966347	1.00584	1.00584	0.569947	1.08241	1.08241	0.368428	1.13588	1.13588	0.399844	1.12621	1.12621	0.0966336	1.28601	1.28601	0.0053769	0.603222	-1.65776	0.899597	0.982742	-1.01756	0.632919	0.935792	-1.06861	2.70945	0.816178	0.267763	1
cg15563993	WDR61	0.0876097	0.050498	1.44828	1.44828	0.467254	0.884336	-1.13079	0.519642	0.897212	-1.11456	0.320447	1.186	1.186	0.724529	0.942899	-1.06056	0.536593	1.10958	1.10958	0.00645495	0.555138	-1.80135	0.780119	1.0476	1.0476	0.489688	1.12368	1.12368	2.70945	1.18489	0.388726	1
cg20996351	MAP3K6	0.0876137	0.0726846	8.56755	8.56755	0.62912	1.68546	1.68546	0.88987	1.16023	1.16023	0.226601	3.90351	3.90351	0.367633	2.69855	2.69855	0.171343	4.76962	4.76962	0.00550139	50.1462	50.1462	0.0334914	14.3642	14.3642	0.0830821	7.83299	7.83299	2.70939	49.3772	16.1995	1
cg27470406	FBXL14	0.0876144	0.0126474	0.64939	-1.53991	0.27826	1.17002	1.17002	0.0541925	1.35571	1.35571	0.827409	0.970047	-1.03088	0.843958	0.972926	-1.02783	0.236612	0.841383	-1.18852	0.0713102	0.755373	-1.32385	0.964011	0.993736	-1.0063	0.826974	0.969971	-1.03096	2.70938	0.832369	0.273082	1
cg22525154	CECR2	0.0876175	0.274313	1.15844	1.15844	0.00420044	1.64175	1.64175	0.378772	1.12384	1.12384	0.549511	0.924689	-1.08144	0.17695	0.830636	-1.2039	0.40747	1.11578	1.11578	0.389301	1.12083	1.12083	0.764307	1.03964	1.03964	0.314033	0.874043	-1.14411	2.70934	0.71735	0.23535	1
cg13025553	ATAD3B	0.0876191	0.606548	1.21631	1.21631	0.455753	1.33156	1.33156	0.170235	0.576612	-1.73427	0.185498	0.58906	-1.69762	0.794258	1.10353	1.10353	0.668903	1.17605	1.17605	0.00294408	0.214554	-4.66084	0.633602	0.834424	-1.19843	0.408907	0.727327	-1.3749	2.70932	6.09697	2.00033	1
cg15145672	SH3BP5;SH3BP5	0.0876194	0.0405461	2.88952	2.88952	0.0443288	2.81858	2.81858	0.0727031	2.4553	2.4553	0.346617	1.54465	1.54465	0.0377145	2.94845	2.94845	0.214752	1.7966	1.7966	0.0148121	3.83855	3.83855	0.152988	1.98692	1.98692	0.0966361	2.26653	2.26653	2.70932	8.63607	2.83337	1
cg22097891	D4S234E;D4S234E	0.0876196	0.0646177	0.253913	-3.93836	0.0417154	0.212184	-4.71288	0.0472907	0.223386	-4.47655	0.80777	1.17466	1.17466	0.216746	0.423865	-2.35924	0.793408	0.840864	-1.18925	0.0174931	0.148083	-6.75297	0.944366	0.954958	-1.04717	0.33476	1.92887	1.92887	2.70932	18.7134	6.13961	1
cg00231300	LOC283914;LOC283914	0.0876212	0.14004	0.717404	-1.39391	0.627563	0.902786	-1.10768	0.215517	0.76133	-1.31349	0.246366	0.776013	-1.28864	0.0571064	0.637455	-1.56874	0.0326533	0.592775	-1.68698	0.0233433	0.567298	-1.76274	0.0178281	0.547452	-1.82664	0.078149	0.66405	-1.50591	2.7093	1.87759	0.616016	1
cg03851835	SLC35F2	0.0876229	0.0504332	0.237023	-4.21899	0.42787	1.68644	1.68644	0.185617	0.404058	-2.4749	0.244873	0.455936	-2.19329	0.0867979	0.294882	-3.39118	0.526142	1.51394	1.51394	0.0174995	0.154558	-6.47006	0.323976	0.51805	-1.93032	0.0408425	0.217803	-4.59131	2.70927	17.8868	5.86849	1
cg04099138	ADAMTS8	0.0876237	0.971882	0.979443	-1.02099	0.861174	0.90199	-1.10866	0.967293	0.976127	-1.02446	0.928262	1.0545	1.0545	0.00162882	0.0699335	-14.2993	0.791257	1.1692	1.1692	0.217335	0.465399	-2.14869	0.725494	1.2309	1.2309	0.704784	0.799068	-1.25146	2.70926	14.9011	4.88895	1
cg05471258	COL4A6;COL4A6	0.0876241	0.0562386	0.281215	-3.556	0.0196031	0.191144	-5.23165	0.0834109	0.324822	-3.07861	0.316193	0.544407	-1.83686	0.0608706	0.28945	-3.45483	0.653122	1.30403	1.30403	0.0582723	0.284881	-3.51024	0.410255	1.63905	1.63905	0.261755	0.503239	-1.98713	2.70926	14.7737	4.84715	1
cg04704382	TMCC1;TMCC1	0.0876249	0.0521536	0.766901	-1.30395	0.295653	1.13917	1.13917	0.525522	1.08036	1.08036	0.38076	0.897609	-1.11407	0.880472	1.01824	1.01824	0.54392	0.928853	-1.0766	0.00409955	0.629572	-1.58838	0.886609	0.983003	-1.01729	0.973978	0.996089	-1.00393	2.70925	0.619429	0.203231	1
cg02351231	TAP1	0.0876254	0.320079	0.800509	-1.2492	0.147604	1.4	1.4	0.135793	0.706003	-1.41643	0.370199	0.819313	-1.22053	0.214147	0.753333	-1.32743	0.457041	0.848717	-1.17825	0.0131005	1.94721	1.94721	0.454642	1.17932	1.17932	0.251625	1.29612	1.29612	2.70924	2.01246	0.660277	1
cg19415383	DSG1	0.0876273	0.0662842	1.65639	1.65639	0.286401	0.76496	-1.30726	0.0529495	0.582747	-1.71601	0.366376	0.799139	-1.25135	0.683652	0.906049	-1.10369	0.923526	0.97716	-1.02337	0.692343	1.1005	1.1005	0.79713	1.06397	1.06397	0.0101606	0.444945	-2.24747	2.89307	2.5971	0.698208	1
cg15611108	NR2F6	0.0876287	0.232411	0.733273	-1.36375	0.207859	0.719653	-1.38956	0.831547	1.05419	1.05419	0.00778345	0.428911	-2.33149	0.566598	0.866317	-1.15431	0.114108	0.653251	-1.5308	0.0176267	0.489046	-2.0448	0.665263	1.11387	1.11387	0.935164	0.980046	-1.02036	2.7092	2.63331	0.86399	1
cg14471975	STX1A;STX1A	0.0876291	0.254119	0.729812	-1.37022	0.0695082	0.584509	-1.71084	0.50251	0.835275	-1.19721	0.578252	0.861969	-1.16014	0.0244149	0.491992	-2.03255	0.0813827	0.599934	-1.66685	0.018473	0.469629	-2.12934	0.234239	1.3907	1.3907	0.99848	0.999496	-1.0005	2.70919	3.00159	0.984825	1
cg12771281	SLC38A6;TRMT5	0.0876297	0.159732	0.58485	-1.70984	0.268384	0.66516	-1.5034	0.299453	1.46176	1.46176	?	?	?	0.183224	1.65348	1.65348	0.10039	0.522726	-1.91305	0.0790381	2.02674	2.02674	0.0405723	2.38637	2.38637	0.82036	0.923749	-1.08254	3.18568	5.18757	1.2213	1
cg04869206	RICTOR	0.08763	0.381128	0.808403	-1.23701	0.0639597	1.63718	1.63718	0.00867525	2.20799	2.20799	0.362126	1.24831	1.24831	0.522066	0.857592	-1.16606	0.223467	0.738717	-1.3537	0.991278	1.00259	1.00259	0.396287	1.22836	1.22836	0.133725	1.46661	1.46661	2.70918	2.40542	0.789224	1
cg15412971	DGKQ	0.0876302	0.0121728	0.143177	-6.98435	0.571954	1.42659	1.42659	0.389778	1.73021	1.73021	0.19738	0.428403	-2.33425	0.0157699	0.158774	-6.29825	0.133595	0.365482	-2.73612	0.476955	0.637718	-1.56809	0.754381	0.822634	-1.21561	0.300075	0.512712	-1.95041	2.70918	16.6046	5.44802	1
cg04568923	COX10	0.0876305	0.00851916	1.69437	1.69437	0.0961761	0.755861	-1.32299	0.639313	0.931137	-1.07396	0.605547	1.08195	1.08195	0.46658	1.11869	1.11869	0.0865802	1.33682	1.33682	0.242387	1.20446	1.20446	0.960084	1.00759	1.00759	0.126858	1.28707	1.28707	2.89302	1.02258	0.274916	1
cg04945350	TRIM17;TRIM17;TRIM17;TRIM17	0.0876317	0.893235	0.93416	-1.07048	0.249748	1.84059	1.84059	0.737197	1.18628	1.18628	0.0602134	2.93016	2.93016	0.479584	0.694529	-1.43983	0.134225	2.2685	2.2685	0.00489649	6.62794	6.62794	0.954945	1.02907	1.02907	0.111837	2.40664	2.40664	2.70916	11.0378	3.62156	1
cg24629898	GJA3	0.0876323	0.188458	0.549827	-1.81875	0.746214	0.869888	-1.14957	0.0444661	0.37133	-2.69303	0.799403	1.1155	1.1155	0.0378036	0.355596	-2.81218	0.0145025	0.274496	-3.64304	0.0558011	0.394498	-2.53487	0.180572	0.543182	-1.841	0.0888682	0.446846	-2.23791	2.70915	7.90587	2.59396	1
cg03243506	TMC2	0.0876356	0.59265	1.17064	1.17064	0.115095	0.606627	-1.64846	0.843949	0.944124	-1.05918	0.343933	0.752445	-1.329	0.136787	1.59618	1.59618	0.201242	1.48256	1.48256	0.00832117	2.67514	2.67514	0.147601	1.57347	1.57347	0.854031	1.0552	1.0552	2.70911	3.65197	1.19825	1
cg17435683	PRDM16;PRDM16	0.0876361	0.335866	0.791743	-1.26304	0.110344	0.664003	-1.50602	0.475379	1.18625	1.18625	0.909119	1.02724	1.02724	0.0385955	0.569048	-1.75732	0.011102	0.472709	-2.11547	0.379839	0.808971	-1.23614	0.0556294	0.600279	-1.66589	0.613305	1.1274	1.1274	2.7091	2.37591	0.779566	1
cg16189569	FAM133B;FAM133B	0.0876364	0.724946	0.883266	-1.13216	0.310325	0.691518	-1.44609	0.0408512	0.436293	-2.29204	0.554186	1.23397	1.23397	0.963374	1.01627	1.01627	0.0102914	0.321055	-3.11473	0.0177177	0.362982	-2.75496	0.510398	0.790889	-1.2644	0.621767	0.839681	-1.19093	2.7091	5.29735	1.73813	1
cg16193196	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0876371	0.574639	1.14895	1.14895	0.98004	1.00614	1.00614	0.983417	1.0051	1.0051	0.0640928	0.600792	-1.66447	0.107671	0.650583	-1.53708	0.0132972	0.471837	-2.11938	0.604967	1.1363	1.1363	0.201149	1.39176	1.39176	0.193786	1.40028	1.40028	2.70909	2.57259	0.8441	1
cg19307645	KIAA1429;KIAA1429	0.087638	0.304603	1.19659	1.19659	0.0388176	1.49759	1.49759	0.17553	1.2753	1.2753	0.210854	0.800468	-1.24927	0.0344108	0.659342	-1.51666	0.148685	0.769906	-1.29886	0.601718	0.914938	-1.09297	0.316912	1.19084	1.19084	0.726697	1.06103	1.06103	2.70908	1.22276	0.401205	1
cg17835477	C1orf56	0.0876387	0.174171	0.730662	-1.36862	0.653725	1.10298	1.10298	0.992027	1.00217	1.00217	0.352436	1.23086	1.23086	0.0597773	0.630595	-1.5858	0.37195	0.819561	-1.22017	0.0352834	1.70266	1.70266	0.190226	0.739974	-1.3514	0.0476587	0.611624	-1.63499	2.70907	2.02176	0.66337	1
cg10860819	LRRK2	0.0876409	0.105315	0.445006	-2.24716	0.0160216	0.25953	-3.85312	0.0248492	0.29466	-3.39374	0.181163	0.522286	-1.91466	0.0684939	0.393328	-2.54241	0.27647	0.595756	-1.67854	0.0468284	0.353016	-2.83274	0.0578947	0.374949	-2.66703	0.65195	0.812412	-1.2309	2.70904	8.9818	2.9471	1
cg24126592	DGKZ;DGKZ;DGKZ;DGKZ	0.0876416	0.0991575	1.51955	1.51955	0.799099	0.942676	-1.06081	0.161909	1.41297	1.41297	0.094118	1.53115	1.53115	0.269839	1.30468	1.30468	0.924873	1.02207	1.02207	0.0241831	0.536808	-1.86286	0.190774	1.37804	1.37804	0.0814966	1.56351	1.56351	2.70903	2.29868	0.754244	1
cg08362589	BANP;BANP	0.0876425	0.89326	1.02805	1.02805	0.406238	1.19138	1.19138	0.962766	1.00967	1.00967	0.596561	0.895741	-1.11639	0.00610037	0.478171	-2.0913	0.762634	1.06442	1.06442	0.0307009	1.68735	1.68735	0.679952	1.08925	1.08925	0.784089	1.05824	1.05824	2.70902	1.82246	0.597989	1
cg13432032	SCAPER;SCAPER	0.087643	0.116738	0.307985	-3.24691	0.0115913	0.11293	-8.85503	0.0366048	0.186676	-5.35686	0.334776	0.502885	-1.98852	0.0864723	0.270182	-3.70121	0.224174	0.413797	-2.41664	0.0488493	0.211297	-4.73268	0.0460077	0.205933	-4.85596	0.14015	0.33394	-2.99455	2.70902	20.4882	6.72263	1
cg09538921	IL27RA	0.0876463	0.359381	0.878797	-1.13792	0.598141	1.07565	1.07565	0.0132255	0.656367	-1.52354	0.349446	0.876294	-1.14117	0.199038	0.830227	-1.20449	0.38947	1.12852	1.12852	0.0272785	0.698975	-1.43067	0.044271	0.728484	-1.37271	0.554023	0.921211	-1.08553	2.70897	0.806459	0.264622	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04568842	PTMS	0.0876483	0.938073	1.01909	1.01909	0.574061	0.870931	-1.1482	0.0808724	1.60161	1.60161	0.570559	0.869806	-1.14968	0.362338	1.25586	1.25586	0.261297	0.751972	-1.32984	0.00580243	0.415085	-2.40915	0.830129	0.949065	-1.05367	0.308683	1.29223	1.29223	2.70895	2.54024	0.833532	1
cg04370737	BTBD7;BTBD7;KIAA1409	0.0876526	0.51879	0.815279	-1.22657	0.31836	1.37989	1.37989	0.0754683	1.85498	1.85498	0.167916	0.632004	-1.58227	0.408259	0.767902	-1.30225	0.740588	1.10931	1.10931	0.933941	0.974449	-1.02622	0.0240508	2.31694	2.31694	0.0284015	2.24279	2.24279	2.70889	4.18232	1.37238	1
cg00459767	EIF1AX	0.087653	0.548661	0.852222	-1.1734	0.084588	0.604939	-1.65306	0.228207	0.71659	-1.3955	0.275982	1.34796	1.34796	0.00676522	2.52172	2.52172	0.60356	1.14802	1.14802	0.665087	0.891578	-1.12161	0.538646	0.848714	-1.17825	0.463398	0.821471	-1.21733	2.70889	2.97859	0.97739	1
cg07905944	PAX6	0.0876557	0.0596287	16.2887	16.2887	0.0293958	29.0163	29.0163	0.0782003	13.0487	13.0487	0.0895909	11.6681	11.6681	0.0880359	11.8377	11.8377	0.0594956	16.3184	16.3184	0.0211263	38.09	38.09	0.0829179	12.4358	12.4358	0.571749	2.11732	2.11732	2.70885	73.9338	24.2608	1
cg17505428	ARHGAP21	0.0876559	0.534316	1.11952	1.11952	0.813736	0.958542	-1.04325	0.0410751	1.52633	1.52633	0.381958	0.851412	-1.17452	0.82732	0.961566	-1.03997	0.19431	0.781662	-1.27933	0.011851	0.569144	-1.75703	0.206293	0.787299	-1.27017	0.375909	1.17706	1.17706	2.70885	1.38071	0.453072	1
cg17504991	DAXX;DAXX;DAXX;DAXX	0.0876579	0.068712	1.59637	1.59637	0.584302	0.880878	-1.13523	0.661956	0.903935	-1.10627	0.035611	1.75331	1.75331	0.0182789	0.518115	-1.93007	0.785221	1.06472	1.06472	0.938308	0.982387	-1.01793	0.271295	0.768808	-1.30071	0.514484	0.8592	-1.16387	2.70882	2.26099	0.741935	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T vs. N)	p-value(121T 12T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 47T vs. N)	Fold-Change(353T vs. N)	p-value(353T 53T vs. N)	Fold-Change(353T 53T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg11290922	LIX1	0.0878572	0.601467	1.14488	1.14388	1.613948	1.131	1.131	0.00571205	2.71822	2.713822	2.251654	0.756762	-1.35729	2.255904	0.738946	-1.35328	0.849856	1.04953	1.04953	0.990471	0.870591	-1.14864	0.235177	1.37353	1.37353	0.307496	1.30926	2.70624	2.78891	0.916041	1
cg27227156	FAM55A	0.0878586	0.174973	0.46809	-2.13634	0.140248	0.433901	-2.30468	0.098447	0.385348	-2.59506	0.0398852	0.286516	-3.49021	0.00541897	0.145756	-6.86079	0.450059	0.666981	1.49929	0.504114	0.309307	-3.23304	0.55982	0.733246	-1.3638	0.280387	0.554086	-1.80477	2.70622	1.18677	3.89807	1
cg01466020	DAP3;DAP3;YIF1AP1;YIF1AP1	0.0878588	0.0350704	1.25619	1.25619	0.0438415	0.806388	-1.2401	0.348065	0.914169	-1.09389	0.134158	1.16188	1.16188	0.0960353	1.18505	1.18505	0.614522	1.0483	1.0483	0.201703	0.882296	-1.13341	0.45322	1.07355	1.07355	0.970703	0.996594	-1.00342	2.70622	0.369803	0.121466	1
cg05102394	EDNRA;EDNRA;EDNRA	0.0878607	0.0598622	0.420864	-2.37608	0.0456365	0.392938	-2.54525	0.105375	0.486181	-2.05685	0.164744	0.566542	-1.82969	0.00928109	0.263445	-3.84022	0.213807	0.586516	-1.70498	0.0542375	0.410047	-2.44823	0.104527	0.485168	-2.06114	0.808707	0.905866	-1.10392	2.7062	1.12118	2.33905	1
cg07083768	PLXDC2	0.0878616	0.486043	0.797329	-1.25419	0.120372	0.583288	-1.71442	0.130148	0.592684	-1.68724	0.108742	0.571354	-1.75023	0.0895665	0.549416	-1.82012	0.00317304	0.275383	-3.6313	0.186617	0.638928	-1.56512	0.657115	0.866796	-1.15367	0.179483	0.633674	-1.5781	2.70618	4.38818	1.44137	1
cg04223606	DFFA;DFFA	0.0878625	0.0118229	0.223546	-4.28182	0.099977	1.00013	1.00013	0.347566	0.639225	-1.56439	0.074774	0.390201	-2.56055	0.0572615	0.30966	-3.22955	0.1307	0.469942	-2.12792	0.0327225	0.314732	-3.1773	0.0854891	0.414972	-2.4098	0.119665	0.457609	-2.18527	2.70617	0.917546	3.01384	1
cg23415219	LOC285768;LOC285768	0.0878635	0.335897	0.619604	-1.61394	0.142478	0.467423	-2.13939	0.0453319	0.330369	-3.02692	0.525947	1.36343	1.36343	0.0111349	0.21544	-4.64167	0.168836	1.2147	1.2147	0.966335	0.979846	-1.02057	0.121652	2.24668	2.24668	0.877964	0.928557	-1.07694	2.70616	9.97372	3.37606	1
cg01557754	FGF13	0.0878652	0.0411423	0.564666	-2.39297	0.1837761	1.07358	1.07358	0.965681	1.26429	0.400722	0.691172	-1.44264	0.7903	0.892653	-1.25025	0.303688	1.17441	1.17441	0.356881	0.605256	-1.65139	0.0932157	0.236834	-4.22237	0.0840198	0.442845	-2.25813	2.70614	7.77902	2.55548	1
cg01934003	CAPN13	0.0878654	0.95433	1.0255	1.0255	0.0839096	0.431373	-2.31818	0.0803901	0.426316	-2.34568	0.700347	0.84367	-1.5893	0.0366349	0.448588	-2.22922	0.925085	1.04221	1.04221	0.00750101	0.220274	-4.5398	0.0363496	0.343146	-2.91421	0.0330383	0.643056	-1.55507	2.70614	0.282826	2.72049	1
cg16434098	DDZ1	0.0878695	0.255635	1.88808	1.88808	0.00320605	8.62391	8.62391	0.133441	2.37962	2.37962	3.03893	1.69536	1.69536	0.445962	0.659631	-1.516	0.828488	1.12321	1.12321	0.258827	1.87938	1.87938	0.122563	2.45005	2.45005	0.85236	0.905038	-1.10493	2.70608	12.2927	4.03789	1
cg17612569	;ATP5J ATP5J;ATP5J;ATP5J;ATP5J;ATP5J;ATP5J TMEM106C;TMEM106C;TMEM106C;TMEM106C;T MEM106C	0.0878702	0.00695539	0.302962	-3.30074	0.435693	1.31293	1.31293	0.115853	0.557034	-1.79522	0.713494	1.13457	1.13457	0.833831	1.07457	1.07457	0.470652	1.28564	1.28564	0.0654447	0.602619	-1.65942	0.532557	1.2284	1.2284	0.0898243	0.527199	-1.89682	2.70607	5.02338	1.65008	1
cg02058870	SPAG11	0.0878722	0.687517	1.13915	1.13915	0.52323	0.823139	-1.2452	0.0808853	0.37668	-2.65617	0.170795	0.544379	-1.83679	0.0978425	0.7256	-1.3784	0.726256	1.1756	1.1756	0.0905382	0.749304	-1.33457	0.0316564	0.660866	-1.51353	0.31591	1.36545	1.36545	2.70605	3.82727	1.27033	1
cg14028829	ZBTB46	0.0878754	0.0133048	0.547625	-1.82607	0.04	1.17251	1.17251	0.0439702	0.985166	-1.01506	0.569663	1.12021	1.12021	0.00790863	0.510197	-1.96003	0.546305	0.886373	-1.12819	0.865374	0.967034	-1.03409	0.401057	0.843831	-1.18507	0.357237	0.829401	-1.20569	2.70604	1.67265	0.549436	1
cg24348416	SRC	0.0878733	0.182396	0.428237	-2.33516	0.00218969	0.0176189	-13.1261	0.183343	0.469218	-2.13036	0.607662	0.728746	-1.37222	0.0973192	0.537131	0.336132	-2.97502	0.508122	0.668757	-1.49531	0.18277	0.428585	-2.33126	0.267013	0.500071	-1.99972	0.830407	0.879738	-1.13716	2.70603	15.3918	5.05597	1
cg21540381	HLA-DQB1	0.0878745	0.256097	0.552221	-1.8076	0.133108	2.24571	2.24571	0.0804955	0.289818	-3.45011	0.59086	0.615543	-1.62487	0.0857742	0.258355	-3.87053	0.685661	1.22527	1.22527	0.0341281	0.434635	3.40635	0.309237	1.69113	1.69113	0.169712	0.237799	0.539339	-1.85412	2.70602	10.6833	5.50981	1
cg21526346	ATF7IP	0.0878748	?	?	?	0.405556	1.38513	1.38513	0.39804	1.39276	1.39276	0.638383	0.834244	-1.19869	0.00372159	0.223091	-4.48248	0.284205	1.53102	1.53102	0.641191	1.19685	1.19685	0.864281	1.06769	1.06769	0.804297	0.909325	-1.09972	2.73791	5.64984	2.06356	1
cg21776282	GIS2	0.0878756	0.464123	0.567619	-1.76257	0.0342388	1.09048	1.09048	0.0717455	0.18286	-5.46902	0.0449551	0.18286	-5.46902	0.0449551	0.18286	-5.46902	0.41577	1.07195	1.07195	0.859044	0.985262	-1.01496	0.919211	1.14488	1.14488	0.0561909	1.09798	1.19798	2.70601	0.299004	0.0982189	1
cg10383447	NDRG4;NDRG4;NDRG4	0.0878761	0.167938	1.86942	1.86942	0.0249655	2.795	2.795	0.0659959	0.833167	-1.20024	0.824647	1.09068	1.09068	0.0103864	0.311514	-3.95111	0.276053	1.84225	1.84225	0.169453	0.536269	-1.86474	0.232338	1.70442	1.70442	0.462615	1.3748	1.3748	2.706	0.776743	0.255151	1
cg06773247	SSSM2;SSSM2 TMEM106C;TMEM106C;TMEM106C;TMEM106C;T MEM106C	0.0878776	0.295034	0.783517	-1.2763	0.269999	1.29438	1.29438	0.257069	1.30438	1.30438	0.191626	1.08498	1.36418	1.36418	0.0594256	0.620017	-1.61286	0.427669	0.833663	-1.19953	0.0140535	1.97611	1.97611	0.535423	0.868495	-1.15142	0.682406	0.911718	-1.09683	2.70598	2.16288	0.710485	1
cg24541176	MEM160C	0.0878791	0.180605	0.408427	-2.44842	0.763722	2.1091	2.1091	0.856857	1.12044	1.12044	0.769488	0.831037	-1.20332	0.0131053	0.144	-6.94445	0.0942598	0.313906	-3.18567	0.0288663	0.193702	-5.06831	0.425246	1.67005	1.67005	0.0884885	0.306152	-3.26635	2.70596	17.0013	5.58482	1
cg19228809	ZNF267;ZNF267	0.0878798	0.13339	0.7668	-1.30401	0.19541	1.31285	1.31285	0.114772	0.73322	1.36322	0.125931	0.844833	-1.18402	0.0798749	0.955725	-1.04633	0.240236	0.818959	-1.22104	0.0685933	0.779746	0.955725	-1.04633	0.887767	-1.12642	0.446365	1.13358	1.13358	2.70595	3.82727	1.27033	1
cg18787382	CD47;CD47;CD47	0.0878805	0.942279	0.989066	-1.01105	0.019449	1.53559	1.53559	0.0197702	1.53318	1.53318	0.0880393	1.33085	1.33085	0.514018	0.904405	1.1057	0.0836719	1.33731	1.33731	0.074306	1.35247	1.35247	0.818979	1.03542	1.03542	0.403172	1.1387	1.1387	1.70594	0.987903	0.324522	1
cg03224126	GRAMD2	0.0878817	0.149046	0.722285	-1.3845	0.6494	1.09919	1.09919	0.980078	0.994764	-1.00526	0.920947	0.979346	-1.02109	0.0118085	0.516311	-1.93682	0.113435	0.696172	-1.43643	0.0313188	0.835371	-1.19707	0.948357	0.986474	-1.01371	0.0110118	0.511418	-1.95535	2.70592	1.80444	0.622317	1
cg20124734	ASB13;ASB13	0.0878821	0.0975597	1.21288	1.21288	0.729384	1.15647	1.15647	0.631487	1.22193	1.22193	0.572383	1.26891	1.26891	0.0107599	0.515141	-1.94107	0.685661	1.22527	1.22527	0.0341281	0.434635	3.40635	0.309237	1.69113	1.69113	0.169712	0.237799	0.539339	-1.85412	2.70602	10.6833	5.50981	1
cg01436372	GPR137B	0.0878857	0.567649	1.10981	1.10981	0.0900869	1.40064	1.40064	0.00509773	1.94955	1.94955	0.187049	1.28689	1.28689	0.0781073	1.42341	1.42341	0.200913	1.27588	1.27588	0.583384	0.904978	-1.105	0.618075	0.918094	-1.08921	0.823335	0.960919	-1.04067	2.7587	1.39411	0.45797	1
cg27176828	G0S2	0.0878896	0.464123	0.567619	-1.76257	0.0342388	1.09048	1.09048	0.0717455	0.18286	-5.46902	0.0449551	0.18286	-5.46902	0.0449551	0.18286	-5.46902	0.41577	1.07195	1.07195	0.859044	0.985262	-1.01496	0.919211	1.14488	1.14488	0.0561909	1.09798	1.19798	2.70601	0.299004	0.0982189	1
cg10283447	NDRG4;NDRG4;NDRG4	0.0878761	0.167938	1.86942	1.86942	0.0249655	2.795	2.795	0.0659959	0.833167	-1.20024	0.824647	1.09068	1.09068	0.0103864	0.311514	-3.95111	0.276053	1.84225	1.84225	0.169453	0.536269	-1.86474	0.232338	1.70442	1.70442	0.462615	1.3748	1.3748	2.706	0.776743	0.255151	1
cg06773247	SSSM2;SSSM2 TMEM106C;TMEM106C;TMEM106C;TMEM106C;T MEM106C	0.0878776	0.295034	0.783517	-1.2763	0.269999	1.29438	1.29438	0.257069	1.30438	1.30438	0.191626	1.08498	1.36418	1.36418	0.0594256	0.620017	-1.61286	0.427669	0.833663	-1.19953	0.0140535	1.97611	1.97611	0.535423	0.868495	-1.15142	0.682406	0.911718	-1.09683	2.70598	2.16288	0.710485	1
cg24541176	MEM160C	0.0878791	0.180605	0.408427	-2.44842	0.763722	2.1091	2.1091	0.856857	1.12044	1.12044	0.769488	0.831037	-1.20332	0.0131053	0.144	-6.94445	0.0942598	0.313906	-3.18567	0.0288663	0.193702	-5.06831	0.425246	1.67005	1.67005	0.0884885	0.306152	-3.26635	2.70596	17.0013	5.58482	1
cg19228809	ZNF267;ZNF267	0.0878798	0.13339	0.7668	-1.30401	0.19541	1.31285	1.31285	0.114772	0.73322	1.36322	0.125931	0.844833	-1.18402	0.0798749	0.955725	-1.04633	0.240236	0.818959	-1.22104	0.0685933	0.779746	0.955725	-1.04633	0.887767	-1.12642	0.446365	1.13358	1.13358	2.70595	3.82727	1.27033	1
cg18787382	CD47;CD47;CD47	0.0878805	0.942279	0.989066	-1.01105	0.019449	1.53559	1.53559	0.0197702	1.53318	1.53318	0.0880393	1.33085	1.33085	0.514018	0.904405	1.1057	0.0836719	1.33731	1.33731	0.074306	1.35247	1.35247	0.818979	1.03542	1.03542	0.403172	1.1387	1.1387	1.70594	0.987903	0.324522	1
cg03224126	GRAMD2	0.0878817	0.149046	0.722285	-1.3845	0.6494	1.09919	1.09919	0.980078	0.994764	-1.00526	0.920947	0.979346	-1.02109	0.0118085	0.516311	-1.93682	0.113435	0.696172	-1.43643	0.0313188	0.835371	-1.19707	0.948357	0.986474	-1.01371	0.0110118	0.511418	-1.95535	2.70592	1.80444	0.622317	1
cg20124734	ASB13;ASB13	0.0878821	0.0975597	1.21288	1.21288	0.729384	1.15647	1.15647	0.631487	1.22193	1.22193	0.572383	1.26891	1.26891	0.0107599	0.515141	-1.94107	0.685661	1.22527	1.22527	0.0341281	0.434635	3.40635	0.309237	1.69113	1.69113	0.169712	0.237799	0.539339	-1.85412	2.70602	10.6833	5.50981	1
cg01436372	GPR137B	0.0878857	0.567649	1.10981	1.10981	0.0900869	1.40064	1.40064	0.00509773	1.94955	1.94955	0.187049	1.28689	1.28689	0.0781073	1.42341	1.42341	0.200913	1.27588	1.27588	0.583384	0.904978	-1.105	0.618075	0.918094	-1.08921	0.823335	0.960919	-1.04067	2.7587	1.39411	0.45797	1
cg27176828	G0S2	0.0878896	0.464123	0.567619	-1.76257	0.0342388	1.09048	1.09048	0.0717455	0.18286	-5.46902	0.0449551	0.18286	-5.46902	0.0449551	0.18286	-5.46902	0.41577	1.07195	1.07195	0.859044	0.985262	-1.01496	0.919211	1.14488	1.14488	0.0561909	1.09798	1.19798	2.70601	0.299004	0.0982189	1
cg10278213	CBFA2T3;CBFA2T3	0.0878912	0.795835	0.767573	-1.30281	0.415989	1.23526	1.23526	0.938373	1.17208	1.08208	0.714661	0.687568	-1.4544	0.292271	0.328013	3.04866	0.268404	0.308509	-3.2414	0.0023118	0.0130027	-76.9068	0.341082	1.36575	-2.72054	0.154573	0.212119	4.71433	2.7058	14.5998	14.6516	1
cg03678904	FSD1	0.0878922	0.381816	0.79346	-1.2603	0.00610091	0.397196	-2.51765	0.497639	1.19435	1.19435	0.544695	1.17132	1.17132	0.612346	1.14088	1.14088	0.339453	0.77573	-1.28911	0.0300719	0.517854	-1.93105	0.745666	1.08757	1.08757	0.373439	0.790044	-1.26575	2.70579	2.85103	0.936601	1
cg13318256	CHKA;CHKA	0.0878931	0.187816	0.752349	-1.32905	0.0167297	1.13845	1.13845	0.172	1.22172	1.22172	0.313494	0.859085	-1.16402	0.0131478	0.14777	-6.76855	0.0582602	1.62345	1.62345	0.131058	0.536543	-1.86389	0.0177732	1.92045	1.92045	0.0128303	1.34497	1.34497	2.70577	2.19685	0.721697	1
cg11122795	CPN2	0.0878999	0.214066	0.825981	-1.21068	0.656024	1.06751	1.06751	0.0593357	0.732635	-1.36494	0.508299	0.90658	-1.10305	0.457844	0.895397	-1.11682	0.601469	1.08006	1.08006	0.0106025	0.782012	-1.27875	0.231057	0.832265	-1.20154	0.250469	0.915282	0.300694	2.70576	0.688842	0.226322	1
cg25140795	FLNC;FLNC	0.0879016	0.774711	1.06436	1.06436	0.0931561	1.09475	1.09475	0.0743913	0.474913	-2.10565	0.358569	0.774111	-1.29183	0.0158558	0.310134	-3.22508	0.897607	1.05708	1.05708	0.395725	0.704633	-1.41964	0.0795157	0.902008	1.10417	0.0127524	0.936748	-1.06752	2.70573	0.988842	0.367333	1
cg21078330	NCKAP5;NCKAP5	0.0879052	0.0611926	0.233868	-4.27592	0.163119	0.358682	-2.78798	0.186004	0.38069	-2.62681	0.393777	0.5479	-1.82515	0.0763866	0.25722	-3.88772	0.063273	0.237241	-4.21512	0.026435	0.163204	-6.12732	0.194072	2.57622	2.57622	0.083292	0.266991	-3.74544	2.70562	20.3284	6.67858	1
cg05619587	SLC6A15;SLC6A15;SLC6A15	0.0879068	?	?	?	0.178974	0.451188	-2.21637	0.761562	1.18312	1.18312	0.164985	0.437692	-2.28471	?	?	?	0.654061	0.779294	-1.28321	0.0065389	0.130918	-7.63835	0.360996	2.68397	2.68397	0.0129911	1.31771	1.31771	?	0.0299113	0.01083	0.0482	2.70562	0.773616	1
cg01502284	FAR2dB	0.0879095	0.179391	-3.25043	-3.25043	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg01558284	TMEM187	0.0879099	0.25609	0.798303	-1.25266	0.255881	?	0.798217	-1.25279	0.0808132	0.692178	-1.44471	0.489021	0.874979	-1.14288	0.93102	0.983683	1.01659	0.17688	1.31359	1.31359	0.0199926	1.70489	1.70489	0.164558	1.32549	1.32549	0.256907	0.798638	-1.25213	2.70556	1.54722	0.508326	1
cg16962191	ERG;ERG;ERG;ERG	0.0879101	0.6163868	1.2545	1.2545	0.2652605	1.52955	1.52955	0.4236257	0.653723	-1.57301	0.0709345	0.324322	-3.08268	0.0122064	0.201588	-4.96032	0.0688068	0.32045	-3.12121	0.0384303	0.182986	-5.63656	0.0602004	0.331724	-3.01797	0.100272	0.366079	-2.73155	2.70555	13.3451	4.84636	1
cg11275015	SSX7	0.0879102	0.75188	0.877467	-1.11964	0.674555	0.840258	-1.19011	0.176861	0.55344	-1.80688	0.146009	0.525608	-1.90256	0.0685193	0.236177	-4.23412	0.823244	1.09659	1.09659	0.189924	0.564307	-1.77208	0.0248101	0.291	-3.43643	0.259815	0.61605	-1.62324	2.70556	2.27773	2.39104	1
cg01652721	XKR6	0.0879105	0.10709	1.48171	1.48171	0.134374	0.697089	-1.43454	0.0152167	0.513577	-1.94713	0.0845029	0.53196	1.53196	0.365652	0.812397	-1.23093	0.61453	0.892694	-1.1202	0.536366	1.15023	1.15023	0.977807	0.993801	-1.00624	0.270441	0.77376	-1.29239	2.70555	2.14105	0.703425	1
cg22493117	TRMT1;NACC1;TRMT1;TRMT1	0.0879121	0.569927	1.07403	1.07403	0.169937	1.31791	1.31791	?	?	?	?	?	?	?	?	?	0.502409	1.68363	1.68363	0.846417	1.15846	1.15846	0.0348414	0.125802	-7.94334	0.095262	4.39554	4.39554	2.70555	13.3451	4.84636	1
cg03598754	SARM1	0.0879125	0.161678	3.06028	3.06028	0.327675	1.13022	2.13022	0.287301	2.28627	2.28627	0.617916	1.457	1.457	0.240634	2.50792	2.50792	0.218988	2.63158	2.63158	0.0047776	16.5022	16.5022	0.151962	9.31673	9.31673	0.2138	?	2.66371	2.66371	2.70553	24.0034	7.88622	1
cg01300117	GLT9	0.0879128	0.0748806	0.746434	-1.33967	0.0188611	1.23292	1.23292	0.0911	0.6564	-1.67954	0.0415533	0.824843	-1.20702	0.0063892	0.527268	-1.89642	0.201487	0.600776	-1.66478	0.0480411	0.15754	1.05754	1.05754	0.0225158	0.939845	-1.06402	0.0298108	0.842033	2.70552	0.7508	0.2454	1
cg01652721	XKR6	0.0879105	0.10709	1.48171	1.48171	0.134374	0.697089	-1.43454	0.0152167	0.513577	-1.94713	0.0845029	0.53196	1.53196	0.365652	0.812397	-1.23093	0.61453	0.892694	-1.1202	0.536366	1.15023	1.15023	0.977807	0.993801	-1.00624	0.270441	0.77376	-1.29239	2.70555	2.14105	0.703425	1
cg22493117	TRMT1;NACC1;TRMT1;TRMT1	0.0879121	0.569927	1.07403	1.07403	0.169937	1.31791	1.31791	?	?	?	?	?	?	?	?	?	0.502409	1.68363	1.68363	0.846417	1.15846	1.15846	0.0348414	0.125802	-7.94334	0.095262	4.39554	4.39554	2.70555	13.3451	4.84636	1
cg03598754	SARM1	0.0879125	0.161678	3.06028	3.06028	0.327675	1.13022	2.13022	0.287301	2.28627	2.28627	0.617916	1.457	1.457	0.240634	2.50792	2.50792	0.218988	2.63158	2.63158	0.0047776	16.5022	16.5022	0.151962	9.31673	9.31673	0.2138	?	2.66371	2.66371	2.70553	24.0034	7.88622	1
cg01300117	GLT9	0.0879128	0.0748806	0.746434	-1.33967	0.0188611	1.23292	1.23292	0.0911	0.6564	-1.67954	0.0415533	0.824843	-1.20702	0.0063892	0.527268	-1.89642	0.201487	0.600776	-1.66478	0.0480411	0.15754	1.05754	1.05754	0.0225158	0.939845	-1.06402	0.0298108	0.842033	2.70552	0.7508	0.2454	1
cg15076824	CRP	0.0879143	0.0307992	0.195034	-5.12732	0.58503	0.697877	-1.43292	0.381625	0.560858	-1.78298	0.222938	0.438093	-2.28262	0.0135381	0.206205	-4.84955	0.0465549	0.230164	-4.34473	0.0372795	0.210572	-4.74897	0.0225581	0.171994	-5.81417	0.150872	0.370788	-2.69696	2.7055	17.7962	5.84691	1
cg08611651	FGF13;FGF13;FGF13	0.0879146	0.077735	0.594967	-1.6813	0.0243007	1.16921	1.16921	0.0513414	0.426566	-2.34291	0.0847455	0.426566	-2.34291	0.0847455	0.426566	-2.34291	0.0676544	0.404687	-2.47081	0.0142004	0.0705	-14.1844	0.0114452	0.183267	-5.45731	0.0275215	0.193276	0.2605	2.70551	-3.83155	1
cg19175493	2DHHC14;ZDHHC14	0.0879163	0.1459	1.53139	1.53139	0.0367657	1.93919	1.93919	0.0826659	1.68889	1.68889	0.307873	1.33393	1.33393	0.0206502	1.14347	1.14347	0.182986	1.62439	1.62439	0.0158476	1.58872	1.58872	0.0476349	1.90328	1.90328	0.593567	1.15841	1.15841	2.70549	1.93893	0.60497	1
cg09160123	HVEP3;HVEP3	0.0879167	0.473785	0.714197	-1.40017	0.00505915	0.180414	-5.54281	0.0203302	0.274648	-3.64101	0.846219	1.09386	1.09386	0.233247	0.563128	-1.78149	0.21378	0.546181	-1.83089	0.299192	0.60828	-1.64398	0.196604	0.532173	-1.87909	0.886829	1.068	1.068	2.70547	0.14638	3.00506	1
cg20700385	GOT1	0.0879177	0.91154	1.01256	1.01256	0.0242307	1.96162	1.96162	0.0780958	1.83203	1.83203	0.177249	1.38914	1.38914	0.0886315	1.44788	1.44788	0.0476364	1.24972	1.24972	0.0446883	0.585204	-1.70865	0.0248331	0.880179	1.13644	0.125509	0.682679	-1.46482	2.68878	2.03657	0.623714	1
cg23419170	CPN2	0.0879188	0.201954	1.18629	1.18629	0.778888	0.96494	-1.03633	0.355399	1.1281	1.1281	0.252944	1.16346	1.16346	0.0884388	0.787945	-1.26912	0.75719	1.0401	1.0401	0.0654001	1.56511	1.56511	0.497374	0.916349	-1.09129	0.225852	1.17499	1.17499	2.70546	0.688842	0.226322	1
cg04913974	SLC15F4	0.0879192	0.282952	0.547207	-1.82753	0.302348	0.556952	-1.79562	0.0974435	0.427976	-2.42145	0.478784	0.674038	-1.4836	0.0323916	0.253523	-3.94418	0.694008	0.805239	-1.24177	0.0095588	0.139488	-7.16916	0.0597219	0.531616	-1.88107	0.0756844	0.340339	-2.93833	2.70544	12.8597	4.22513	1
cg19969431	PTGR2;PTGR2;PTGR2	0.0879202	0.5764864	-1.81201	-1.2315	0.00773049	0.425133	-2.35241	0.00684456	0.274596	-3.64171	0.241224	0.655994	-1.52433	0.0338214	0.204404	-4.89559	0.424768	0.739989	-1.35137	0.0422455	0.179414	-5.57374	0.125666	0.173419	-5.76514	0.0158521	0.170759	0.042486	2.70542	0.739747	-3.35184	1.2705	1
cg15903915	NEUROD6	0.0879221	0.169373	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg14245836	AP2A1;AP2A1	0.0880487	0.571586	0.951894	0.05054	0.957765	0.995443	-1.00458	0.0995327	1.1684	1.1684	1.320009	1.09266	1.09266	0.93439	1.00713	1.00713	0.0441893	0.819251	-1.22063	0.223536	0.791951	-1.2627	0.164475	0.8799132	-1.13545	0.234543	1.113345	1.113345	1.70377	0.318471	0.1047	1
cg26523099	C1orf194;KIAA1324	0.0880488	0.201195	0.653678	-1.5298	0.3097709	0.472977	-2.11427	0.321873	0.72447	-1.38032	0.279247	1.42519	0.2715769	0.53578	-1.86644		0.4539551	0.786432	-1.27157	0.0714736	0.530487	-1.88506	0.0160868	0.39546	-2.5287	0.681105	1.13899	1.13899	1.70377	0.424768	1.39646	1
cg08451035	CDX10	0.0880495	0.325143	0.703274	-1.42192	0.1917594	0.619568	-1.61403	0.659631	0.8576555	-1.16597	0.014294	0.351107	-2.84813	0.598242	1.20228	1.20228	0.90246	1.04339	1.04339	0.106866	0.5434515	-1.84022	0.264908	1.49564	1.49564	0.0640172	2.05678	2.05678	2.70376	5.13985	1.68978	1
cg01365563	SP4	0.0880517	0.308964	0.64906	-1.54069	0.773842	1.12554	1.12554	0.3713311	1.45765	1.45765	1.148047	1.89077	1.89077	0.552271	1.782191	1.782191	-1.27996	0.241537	1.65405	1.65405	0.171666	0.550278	-1.81726	0.0207395	3.13616	3.13616	0.0297492	2.857883	2.857883	2.70373	7.21567	2.37225	1
cg13155490	AQP12B	0.0880522	0.158937	0.40894	-2.44535	0.489052	0.658758	-1.51801	0.318066	0.54177	-1.8458	0.0353071	0.233208	-4.28802	0.0124678	0.157794	-6.33736	0.0383576	0.240458	-4.15873	0.108277	0.353257	-2.8308	0.057938	0.27997	-3.57181	0.0796756	0.315002	-3.17459	0.70372	15.1042	4.96572	1
cg17725461	RFX1	0.0880544	0.160636	1.15692	1.15692	0.751641	1.03136	1.03136	0.405838	0.920617	-1.08623	0.0483318	0.802977	-1.24537	0.621804	1.04955	1.04955	0.519073	1.06699	1.06699	0.0852474	0.787801	-1.26936	0.511583	0.937303	-1.06689	0.0242198	0.77004	-1.29863	0.7037	0.405053	0.133168	1
cg23969423	HES6;HES6	0.0880545	0.0232411	0.355856	-2.81012	0.0777499	0.473944	-2.10995	0.462915	0.7523166	-1.32923	0.893567	0.950292	-1.05231	0.022801	0.35423	-2.82302	0.178154	0.579878	-1.7245	0.509067	0.7748195	-1.29062	0.0142268	0.316054	-3.16401	0.2010222	0.597882	-1.67257	0.7037	6.21217	2.04236	1
cg14030878	TNK2;TNK2	0.0880559	0.0852837	0.27517	2.17917	0.458256	0.172038	1.03508	0.0744359	0.9663491	-1.02238	0.0151001	0.38621	3.9861	0.0074558	0.806033	-1.24019	0.705724	0.854452	-1.16761	0.192198	0.6989931	-1.43063	0.1010984	2.07372	2.07372	0.0532346	2.452341	2.452341	2.70368	7.14471	2.34897	1
cg14388093	AS1;AS1	0.0880587	0.264684	0.577797	-1.73071	0.089176	0.242168	2.42168	0.732061	1.63706	-1.37609	0.176306	0.448861	1.4393	1.4393	0.1722723	0.442785	2.5384	0.0420017	3.02132	3.02132	0.123368	0.219818	2.19818	0.0579137	2.539477	0.0974375	2.35882	2.35882	2.70364	9.53353	3.13438	1
cg01854491	FAM83H	0.0880587	0.0789367	2.22176	2.22176	0.194953	1.7524	1.7524	0.641304	0.8253313	-1.21166	0.597184	1.24387	1.24387	0.0605904	0.420732	-2.37681	0.0764769	0.446464	-2.23982	0.068143	0.4335508	-2.30676	0.121461	0.50306	-1.98783	0.491114	0.751127	-1.33133	2.70364	7.17002	2.35732	1
cg05845615	CCNY	0.0880588	0.009669	0.863575	-1.15803	0.0153472	1.10564	1.10564	0.167627	0.8858262	-1.12889	0.136789	0.75101	1.33154	0.0101019	0.391201	-2.55584	0.0247168	0.461562	-2.16655	0.155155	1.553251	1.55251	0.525199	1.2046	1.2046	0.6032393	0.859945	0.859945	1.163684	2.70364	3.57953	1.17686	1
cg03335835	TAS2R5;TAS2R5	0.0880594	0.494218	1.17294	1.17294	0.5596699	0.613352	-1.63038	0.0582012	0.6114466	-1.63541	0.403591	0.821691	-1.217	0.147812	0.699917	-1.42874	0.0895047	1.53753	1.53753	0.0718553	1.58886	1.56686	0.666715	0.905239	-1.10468	0.396947	0.819294	-1.22056	0.70363	2.26081	0.743299	1
cg11908090	TRIM47	0.0880614	0.2629	0.791244	-1.26265	0.604283	0.902004	-1.10803	0.0059675	0.490602	-2.04073	0.228195	0.778126	-1.28514	0.449001	0.912025	-1.09646	0.92305	0.980765	-1.01951	0.0110558	0.513122	-1.8821	0.074295	0.61192	-1.63312	0.728909	0.933288	-1.07148	2.70361	1.58614	0.554366	1
cg18113332	B4GALNT4	0.0880633	0.0371962	0.472372	-2.11809	0.927414	0.972144	1.02865	0.0855452	0.7891572	-1.26718	0.45885	1.26348	1.26348	0.0941644	0.781219	-1.76931	0.5104438	0.813023	-1.22998	0.875256	0.9524456	-1.04992	0.0057194	0.325158	-3.07543	0.133918	0.605801	-1.65071	2.70358	4.11654	1.35345	1
cg05239382	SYNGR3	0.0880652	0.463415	0.903909	-1.10631	0.0111416	1.53833	1.53833	0.675914	1.05856	1.058056	0.186007	0.827123	-1.20901	0.555954	0.923232	-1.08315	0.306968	1.15392	1.15392	0.0437204	0.730646	-1.36865	0.857219	0.975917	-1.02468	0.361013	1.13554	1.13554	2.70356	0.78457	0.257955	1
cg08304525	PPP1R13L;PPP1R13L	0.0880702	0.192506	0.444334	-2.25056	0.721267	1.2433	1.2433	0.103484	0.5920912	-2.84975	0.0352817	0.236495	-4.22841	0.0643963	0.154452	-6.48542	0.0135524	0.222501	-4.49372	0.112492	0.361997	-2.76245	0.119577	0.3703166	-2.70003	0.8088778	0.867248	-1.15307	2.70349	0.34684	0.8689	1
cg13764854	KIAA1161	0.0880748	0.0788756	2.60928	2.60928	0.287171	1.72147	1.72147	0.0283589	3.56781	3.56781	0.981339	0.988572	-1.01156	0.151957	2.12624	2.12624	0.373401	1.56691	1.56691	0.00847666	5.21592	5.21592	0.0824321	2.57413	2.57413	0.751691	0.8555546	-1.16884	2.70343	10.3429	3.40076	1
cg12478381	SEZ6L	0.0880755	0.346126	0.869263	-1.15034	0.235289	1.19677	1.19677	0.812952	0.966349	-1.03482	0.446576	0.894015	-1.11855	0.944665	1.01007	1.01007	0.733498	0.951846	-1.05059	0.00288147	0.5552191	-1.80737	0.292584	1.17079	1.17079	0.773308	1.04279	1.04279	2.70342	0.893874	0.293578	1
cg14307094	HIATL1	0.0880759	0.526124	0.950553	-1.1634	0.394083	1.22835	1.22835	0.728373	0.735977	1.083	1.083	0.0280304	0.542565	-1.84314	0.0143347	0.409058	-2.44245	0.0132504	0.222501	-4.49372	0.112492	0.361997	-2.76245	0.119577	0.3703166	-2.70003	0.8088778	0.867248	-1.15307	2.70349	0.34684	0.8689	1
cg12340271	SNAP23;SNAP23	0.0880777	0.664872	0.919469	-1.08758	0.0493488	1.54051	1.54051	0.00633676	1.98308	1.98308	0.259312	1.25444	1.25444	0.349583	1.2038	1.2038	0.36451	1.19661	1.19661	0.539404	0.8871194	-1.12715	0.0750371	1.46396	1.46396	0.700947	0.928362	-1.07717	2.7034	1.58876	0.52239	1
cg15286044	CRTAC1	0.0880783	0.0239627	0.597236	-1.67438	0.948418	1.10565	1.10565	-1.01246	0.5991572	1.10921	1.10921	0.527895	1.13019	1.13019	0.188765	0.74057	-1.3341	0.0408287	0.63482	-1.57514	0.155862	0.747466	-1.33717	0.307345	1.28975	0.211904	1.28614	1.28614	2.70339	5.56797	0.515557	1
cg05559103	ARB1;ADARB1;ADARB1;ADARB1;AD	0.0880792	0.299885	0.830816	-1.20364	0.205375	0.79413	-1.25924	0.963587	1.00791	1.00791	0.00741722	0.551536	-1.81312	0.211516	0.796851	-1.25494	0.0169799	0.605166	-1.65244	0.644056	0.108358	1.08358	0.671641	1.07634	1.07634	0.447395	0.874941	-1.14293	2.70338	2.17443	0.419043	1
cg01890075	CUX1;CUX1	0.0880793	0.143104	0.704886	-1.41867	0.305524	0.789955	-1.26589	0.00953923	0.482116	-2.07419	0.0478857	0.604925	-1.6531	0.0159937	0.519234	-1.92591	0.500974	0.859166	-1.16392	0.158514	0.715361	-1.3979	0.122431	0.689363	-1.45061	0.276699	0.777691	-1.28586	2.70337	2.11442	0.695236	1
cg13526642	AKAP2;AKAP2;AKAP2;PALM2-AKAP2	0.0880801	0.353845	1.64827	1.64827	0.0636233	0.627405	2.42707	0.14339	2.32974	2.32974	2.295098	0.566191	-1.76619	0.13202	0.416735	-2.39961	0.7699339	0.857591	-1.16606	0.960158	0.977955	-1.02254	0.516687	0.708621	-1.41119	0.500013	1.43141	1.43141	2.70336	11.7502	3.86355	1
cg26893816	R	0.0880803	0.0306942	0.144729	-6.90947	0.255849	0.405286	-2.4674	0.300321	0.441652	-2.26423	0.292501	0.435369	-2.2969	0.0121944	0.0927194	-10.7852	0.202742	0.359187	-2.78406	0.0229696	0.126041	-7.93392	0.219518	0.374545	-2.67276	0.0479962	0.178856	-5.5911	2.70336	24.8231	8.16205	1
cg05988661	PROM2;PROM2;PROM2	0.0880813	0.271711	0.757853	-1.31993	0.243035	0.12708	1.10508	0.0744359	0.6138514	-1.62918	0.157007	0.271734	-3.68021	0.0159733	0.294842	-3.39178	0.0116416	0.0716923	-13.9515	0.0072166	0.138358	7.22767	0.0071353	0.04338	23.0434	0.0043369	0.043338	23.0434	2.70336	2.56469	0.828457	1
cg14534803	NAV2	0.0880818	0.351877	0.742081	-1.34756	0.0490893	0.496855	-2.01266	0.0034604	0.2903	-3.44134	0.105033	0.576077	-1.73588	0.821531	0.93207	-1.07288	0.2276565	0.674153	-1.48334	0.347595	0.1598584	6.25603	-1.20189	0.0148355	8.32023	-1.20189	0.148355	6.617099	1.62049	0.70334	4.15063	1.36477	1
cg17161250	C2orf40;C2orf40	0.0880834	0.126945	12.4488	12.4488	0.27478	5.67314	5.67314	0.0710263	21.7748	21.7748	0.0852067	18.3381	18.3381	0.265076	0.169616	-5.89566	0.294766	5.25857	5.25857	0.934972	1.13275	1.13275	0.00657305	2.19579	2.19579	0.691208	1.84022	1.84022	2.70332	99.9041	32.8498	1
cg16628205	TPK2	0.0880835	0.0739871	0.518026	-1.93035	0.524417	1.1687	1.1687	0.731707	1.09096	1.09096	0.212318	1.35351	1.35351	0.253082	1.50118	1.50118	0.0314209	0.543386	-1.84031	0.0414314	1.76591	1.76591	0.274796	1.31599	1.31599	0.63088	1.13411	1.13411	2.70332	2.50809	0.822163	1
cg14609448	GART;GART;GART;GART	0.0880858	0.176039	0.71478	-1.39901	0.607338	0.886048	-1.12861	0.0734018	0.627539	-1.59353	0.0862017	0.642439	-1.55657	0.0473808	0.588925	-1.69801	0.161159	0.705178	-1.41808	0.507822	0.821828	1.21829	0.821829	1.21829	0.974657	0.992613	-1.00744	2.70329	2.33252	0.766972	1
cg16998718	INTS10	0.0880870	0.0380578	0.462703	-2.16239	0.0842994	0.385275	-2.59597	0.0775	0.4178	-2.39331	0.0860072	0.72217	-1.38472	0.25129	0.3982	-2.51107	0.0385052	0.438425	-2.28107	0.0242647	0.3042464	-3.28684	0.0154656	0.2324	-4.30172	0.0422797	0.2324	-4.30172	0.70329	0.00099	0.001271	0.2043
cg06489295	PRPF19	0.0880878	0.229857	0.828918	-1.20639	0.408542	1.13416	1.13416	0.157578	1.25241	1.25241	0.0260781	0.674863	-1.48178	0.789958	0.96102	-1.04056	0.3214955	0.858523	-1.16479	0.0136218	0.6347337	-1.57546	0.555317	0.914982	-1.09292	0.63642	1.07349	1.07349	2.70327	0.9496661	0.312268	1
cg01349856	LOXL1	0.0880881	0.0912577	0.418729	-2.38818	0.532578	1.34433	1.34433	0.738202	1.17002	1.17002	0.183707	0.516803	-1.93497	0.146198	0.683816	-2.07548	0.647442	0.806106	-1.24053	0.2232255	0.60266	0.6492936	0.349802	-2.85876	0.441202	0.692366	-1.44432	0.70326	9.383157	3.08486	1
cg06787104	BRSK2	0.0880891	0.0340629	0.4	-2.5	0.0842994	3.7161	3.7161	0.205052	1.34533	1.34533	0.160649	0.72754	-1.37469	0.0975	1.34933	-1.35486	0.31183	1.1823	1.1823	0.0085547	2.07594	2.07594	0.0085547	2.07594	2.07594	0.0085547	2.07594	2.07594	2.70327	2.70322	0.81838	0.34842	1
cg21287322	ANK2;ANK2;ANK2	0.0880892	0.190894	0.554003	-1.80504	0.221481	0.578098	-1.72981	0.578589	1.27032	1.27032	0.692842	1.18447	1.18447	0.0761754	0.431105	2.31962	0.0970142	0.459907	-2.17435	0.0125911	0.2663116	-3.75494	0.0248378	0.320143	-3.1236	0.651151	0.82357	-1.21423	2.70321	7.78532	2.56002	1
cg26662265	MRPS18C;HS1L	0.0880937	0.67586	1.14916	1.14916	0.376239	1.07062	1.48382	0.152827	1.35637	1.35637	0.754972	0.934352	-1.07026	0.0423606	0.626628	-1.59584	0.2765227	0.797564	-1.25382	0.0133822	0.64565	1.64565	0.0133822	1.83795	-1.22326	0.767545	0.940483	-1.06303	2.70319	1.70987	0.562255	1
cg26963272	CTDP1;CTDP1	0.0880946	0.197441	1.39724	1.39724	0.3225798	0.778137	-1.28512	0.497071	0.8445585	-1.18401	0.472552	1.19648	1.19648	0.533822	1.16732	1.16732	0.0092454	2.25027	2.25027	0.49212	0.844324	-1.18438	0.0708311	0.600225	-1.66143	0.289284	1.31004	1.31004	2.70318	2.58056	0.848567	1
cg01156706	CDK14	0.0880973	0.195475	1.4334	1.4334	0.985849	0.995347	-1.00467	0.47689	1.20949	1.20949	0.230937	0.718586	-1.39162	0.780939	1.07607	1.07607	0.643674	1.13031	1.13031	0.00877826	0.4157362	-2.40537	0.326576	0.30519	-3.30519	0.0579925	0.5688864	-1.75789	2.70314	2.96072	0.973589	1
cg05475379	SLC23A2;SLC23A2	0.0880982	0.1172126	0.609859	-1.63972	0.0709847	0.1692	-1.48382	0.0152827	0.3563737	-2.80643	0.0343152	0.1253	-7.98045	0.0017842	0.1305462	-7.66226	0.0126	-11.1226	0.0195868	0.0042306	0.2626216	-3.80862	0.0129006	0.2267	-4.41091	0.0139048	0.2267	-4.41091	0.70314	0.00097	0.001253	0.2043
cg25886345	VTHDC1;VTHDC1	0.0880983	0.292923	1.46544	1.46544	0.489421	0.781966	-1.27883	0.518349	0.79505	-1.25778	0.609244	0.834793	-1.1979	0.0161597	0.356761	2.803	0.587879	1.21124	1.21124	0.0162495	0.642128	1.55655	0.547083	0.863589	-1.15555	0.138544	0.572054	-1.74809	2.70313	5.25214	1.7271	1
cg09539538	FERMT1	0.0880985	0.0515723	0.481553	-2.07702	0.0842994	1.31791	1.31791	0.31062	0.9539	-1.04864	0.0855	0.34381	-2.91062	0.0293192	0.343253	-2.91344	0.582524	0.479	0.271883	-3.67853	0.4645413	-2.15281	0.0144564	0.04582	-21.8218	0.0046861	0.045782	-21.8218	0.70312	0.00099	0.001254	0.2043
cg17059853	NRXN2;NRXN2	0.0881018	0.109034	1.87036	1.87036	0.898588	1.04674	1.04674	0.196633	1.63087	1.63087	0.769516	0.900085	-1.11101	0.138483	0.564731	-1.77075	0.450096	0.759024	-1.31748	0.00787602	0.2948313	-3.39199	0.331261	0.698269	-1.43211	0.308858	0.68569	-1.45838	2.70308	5.49518	1.80705	1
cg16501573	GAB1;GAB1	0.0881021	0.800766	1.09274	1.09274	0.148951	0.826908	1.08108	0.0744359	0.6138514	1.50521	1.50521	0.971513	1.98624	1.04705	0.9992	-1.00081	0.4949824	1.17173	1.17173	0.0592401	0.473755	-1.10709	0.7962	0.928437	-1.07623	0.211512	0.407275	-2.45535	2.70307	1.29152	0.428008	1
cg13127029	PIP4K2A	0.0881036	0.0204466	0.65848	-1.51864	0.0842994	0.704873	-1.03727	0.493563	1.24423	1.24423	0.29561	0.731641	1.4052	0.0137093	0.2444	-4.09167	0.3232609	0.725684	-1.37801	0.788682	0.8188809	0.5905	0.810348	-1.23424	0.8328039	0.934257	-1.07037	2.70306	4.22852	1.39053	1
cg04718492	VTCN1	0.0881038	0.855354	0.946299	-1.05675	0.865748	1.05252	1.05252	0.0114152	0.383781	-2.60565	0.178126	0.648692	-1.54156	0.641024	1.15263	1.15263	0.602872	1.17207	1.17207	0.0230837	2.27469	2.27469	0.592915	0.849393	-1.17731	0.581748	1.18327	1.18327	2.70306	3.91704	1.2881	1
cg14005757	ALK	0.0881057	0.40566	1.25403	1.25403	0.0842994	1.21384	1.21384	0.0124961	0.6979031	1.43287	0.790733	0.940205	-1.05922	0.0178341	0.290372	-3.44345	0.9397865	1.05222	1.05222	0.0134455	0.9497033	-1.07141	0.3139093	0.70546	-1.41745	0.0134455	0.6808562	1.47045	1.47045	2.70306	1.78976	0.658714	1
cg20419307	PPIA2	0.0881067	0.667123	1.09498	1.09498	0.585722	1.12011	1.12011	0.596098	1.11655	1.11655	0.200983	0.75704	-1.32093	0.674764	0.916699	-1.09087	0.418002	0.843189	-1.18597	0.0296914	0.550115	-1.69459	0.0230514	1.75089	1.75089	0.103972	1.44615	1.44615	2.70302	1.81829	0.597943	1
cg08109681	RPS6KA2;RPS6KA2	0.0881077	0.0159605	0.2094	-3.91514	0.2786002	0.615393	-1.59502	0.0226473	0.3251232	-3.1022	0.196174	0.567983	-1.76062	0.0219193	0.204297	-3.1204	0.061186	0.2439437	-3.90264	0.0013966	0.1644141	-5.5542	0.0855031	0.94211	-1.06145	0.0345775	0.6490913	-1.54074	2.70301	7.33293	2.44145	1
cg11449873	GFPT2	0.0881082	0.574821	1.14016	1.14016	0.0825663	1.56043	1.56043	0.0294073	0.552307	-1.81059	0.0415661	1.76645	1.76645	0.0441	0.5661	-1.76678	0.3151271	0.78639	-1.27163	0.0249826	0.214467	1.01467	0.544889	1.13244	1.13244	0.125029	1.64854	1.64854	2.70297	2.24086	0.753955	1
cg24009274	FER1L6	0.0881116	0.335701	1.15363	1.15363	0.288455	0.853302	-1.17192	0.0711568	0.748136	-1.33666	0.558131	0.918275	-1.089	0.349421	1.14874	1.14874	0.3576407	0.872621	-1.14597	0.0027225	0.6471	1.6471	0.960236	1.0072	1.0072	0.725617	0.950539	-1.05203	2.70296	0.887177	0.291755	1
cg00225144	TEX10;TEX10	0.0881121	0.901783	1.0164	1.0164	0.0213	0.883272	1.12068	0.0744359	0.6138514	1.06087	0.197797	0.884796	-1.12972	0.0042626	0.1644141	-6.08087	0.0196308	0.5576	1.11246	0.0744359	0.6138514	1.11246	0.0744359	0.6138514	1.11246	0.0744359	0.6138514	1.11246	2.70297	1.26962	0.471207	1
cg05902852	MAGI2	0.0881142	0.420921	0.90567	-1.10415	0.954909	0.993209	-1.00684	0.12793	1.21936	1.21936	0.204553	0.851014	-1.17507	0.949337	1.00851	1.00851	0.876189	1.01897	1.01897	0.00795671	0.6636646	-1.50683	0.696507	0.953864	-1.04837	0.0760398	1.26825	1.26825	2.70293	0.62163	0.20443	1
cg20071553	MIR2168	0.0881149	0.54908	1.26116	1.26116	0.376239	1.07062	-1.44559	0.0923725	0.49216	-2.03186	0.843664	1.0027215	-1.0785	0.0748646	0.2827152	-3.7348	0.0246554	0.59139	-2.78444	0.0994142	1.000281	1.000281	0.0027002	2.19388	-1.58182	0.80795	-1.2377	2.70292	0.67085	2.60225	1
cg24909466	COL4A2	0.0881149	0.336183	1.43196	1.43196	0.886171	0.949461	-1.05323	0.257548	1.53387	0.5541245	0.453205	-2.20651	0.0826268	0.498584	2.00568		0.627948	1.19341	1.19341	0.0889899	0.506934	-1.97264	0.599134	0.88527	-1.21172	0.0379068	2.3905	2.3905	2.70292	5.61166	1.84547	1
cg24911388	LOXL2	0.0881171	0.0206654	0.252986	-3.95279	0.28234	0.576374	-1.73498	0.0128024	0.2176628	-4.59499	0.0565667	0.34488	-2.89956	0.115829	0.43041	-2.32337	0.116587	0.431621	-2.31685	0.0527685	0.3376514	-2.96196	0.711527	0.8326	-1.20106	0.336233	0.6132212	-1.63076	2.70289	10.4133	3.42457	1
cg16279940	DZIP3;DZIP3;KIAA1524	0.0881283	0.141942	1.5	1.5	0.183301	0.631963	-1.58496	0.0551189	0.4849	-2.06211	0.0122112	0.643969	1.55284	0.0149	0.2983939	-3.35353	0.0997383	0.485	-2.06186	0.0149	0.2983939	-3.35353	0.0997383	0.485	-2.06186	0.0149	0.2983939	-3.35353	2.70289	1.34962	0.466128	1
cg19750606	BPL2	0.0881293	0.796327	1.12755	1.12755	0.581467	0.772286	-1.29486	0.0149007	0.24913	-4.01397	0.795596	0.886488	-1.12805	0.0317471	0.310863	-3.21685	0.780249	0.878264	-1.13861	0.0840987	0.4418877	-2.42781	0.0723618	0.260242	-3.84258	0.538943	0.749226	-1.33471	2.70273	9.22044	3.03247	1
cg00762659	TPR8	0.0881294	0.336884	1.61516	1.61516	0.0842994	0.960748	1.60178	0.0744359	0.6138514	1.50312	0.198759	0.717888	1.39376	0.0253121	0.4818	-2.07564	0.1454624	0.878278	1.13878	0.0744359	0.6138514	1.13878	0.0744359	0.6138514	1.13878	0.0744359	0.6138514	1.13878	2.70273	0.47056	0.197897	1.58528	1.58528	2.70273	7.08002	2.53354	1
cg17326090	MN1	0.0881352	0.0197482	0.545522	-1.83311	0.703713	0.921044	-1.08572	0.957732	1.01147	1.01147	0.446581	0.846206	-1.18174	0.0961042	0.674792	1.48194	0.0889518	0.667765	-1.49753	0.00696707	0.4717514	-2.11993	0.17306	-7.31924	-1.36626	0.374166	0.82172	-1.21696	2.70265	1.98325	0.652281	1
cg18137846	KLHL29	0.0881364	0.112029	0.651282	-1.53543	0.176544	0.700458	-1.42764	0.0322533	0.537193	-1.86153	0.566461	0.866236	-1.15442	0.828081	1.05537	1.05537	0.0804735	1.61679	1.61679	0.0649497	1.67126	1.67126	0.848734	1.04846	1.04846	0.286427	0.760089	-1.31564	2.70264	2.62846	0.86449	1
cg02401589	C11orf60	0.0881382	0.0130979	0.3	-3.33333	0.0842994	0.752159	-1.3559	0.0340475	0.4179	-2.39253	0.0744359	0.6138514	1.44094	0.0179264	0.2886197	-3.46625	0.0077722	0.246776	-4.05197	0.0199882	0.2014255	-3.396	0.0744359	0.6138514	-1.18102	0.0970559	0.5660907	-1.76627	2.70262	0.77007	0.253354	1
cg21516763	SERPINE2;SERPINE2;SERPINE2;SERPINE	0.0881383	0.67536	1.12913	1.12913	0.951331	1.01776	1.01776	0.0667666	1.80874	1.80874	0.143893	0.635886	-1.57261	0.221118	1.44899	1.44899	0.607872	1.16094	1.16094	0.0189983	2.26787	2.26787	0.241504

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(537T 577 vs. N)	Fold-Change(537T 577 vs. N)	p-value(5 vs.N)	Fold-Change(5 vs.N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Test)	df(Error)	
cg16257629	TECTA	0.0882536	0.004096	1.01496	0.0156108	0.774437	-1.29126	0.0278183	1.35965	1.35965	0.617924	1.06122	1.00021	1.1604	0.837611	-1.19387	0.0310077	1.3488	1.3488	0.527355	1.07861	1.07861	0.0818178	0.970773	-1.03011	0.8913	0.983973	-1.01629	2.70113	0.597333	0.196571	1				
cg18336502	ARHGAP6;ARHGAP6	0.0882541	0.524233	1.23264	1.23264	0.020744	0.418116	-2.39168	0.770923	1.09924	1.09924	0.913137	0.965254	-1.036	0.620641	0.8507	-1.1755	0.0468883	0.478406	-2.09028	0.942009	0.976697	-1.02386	0.36054	1.35614	1.35614	0.0295189	2.29472	2.29472	0.270112	4.4934	1.47869	1				
cg23949087	TLR9	0.0882544	0.37471	1.21053	1.21053	0.786265	1.05865	1.05865	0.0227114	0.564459	-1.77161	0.75217	0.935727	-1.06869	0.082195	1.49748	1.49748	0.535351	0.876663	-1.14069	0.0247959	1.75123	1.75123	0.596016	1.11873	1.11873	0.257386	1.28128	1.28128	0.201112	1.88116	0.619056	1				
cg06122613	PAK8	0.0882556	0.323266	0.61	-1.63935	0.708401	1.09972	1.09972	0.840017	0.706734	-1.10288	0.347914	0.626112	-1.59716	0.658985	0.806401	-1.24008	0.407316	0.663244	-1.50774	0.00291167	0.137774	-7.25829	0.210503	1.89445	1.89493	0.188816	0.509403	-1.96308	0.27011	0.30457	3.30454	1				
cg25399152	TBX5;TBX5;TBX5;TBX5	0.0882558	0.124619	3.19962	3.19962	0.0674044	4.19386	2.11102	0.51395	2.51395	0.644997	0.722868	-1.38338	0.381562	0.533767	-1.87347	0.304408	0.475196	-2.1044	0.0415961	0.193316	-5.17288	0.0760842	3.97799	3.97799	0.520835	0.634281	-1.57659	2.7011	0.20338	0.68896	1				
cg10272968	GNG7	0.0882565	0.0571779	0.410589	-2.43552	0.0445319	0.385052	-2.59705	0.717701	0.860538	-1.16206	0.20311	0.573614	-1.34133	0.0685393	0.430226	-2.32436	0.0134239	0.338434	-2.97235	0.195139	0.567295	-1.76275	0.29109	0.7323	2.40933	1									
cg08496276	COL23A1	0.0882583	0.296612	1.18374	1.18374	0.03103383	1.48378	1.48378	0.759308	0.953228	-1.04907	0.0533573	0.710284	-1.40789	0.981457	1.00363	1.00363	0.137345	0.779249	-1.28329	0.550007	1.09886	1.09886	0.502369	1.11195	1.11195	0.046378	1.42712	1.42712	0.21007	1.03934	0.342034	1				
cg02319149	SLC15A1	0.0882587	0.049204	0.598138	-1.67173	0.664614	1.105	1.105	0.186997	1.37731	1.37731	0.246123	0.757578	-1.32	0.0274656	0.55049	-1.81656	0.100594	0.662539	-1.50935	0.111882	0.681273	-1.46784	0.412287	1.21151	1.21151	0.162146	0.710617	-1.40723	0.27007	2.24114	0.737532	1				
cg24117998	CALCA;CALCA;CALCA	0.0882593	0.506292	1.29094	1.29094	0.934288	0.650048	-1.04161	0.854705	0.107216	1.07216	0.491275	0.767405	-1.30309	0.0558258	0.606563	-1.65108	0.658005	0.844755	-1.18378	0.500483	0.771845	-1.2956	0.00344892	0.49069	0.193856	1.67327	1.67327	0.76106	0.13477	2.01889	1				
cg00037186	RRAD;RRAD;RRAD;RRAD	0.0882635	0.859883	0.973675	-1.02704	0.0384723	1.43625	1.43625	0.289407	0.847019	-1.18061	0.964746	1.0067	1.0067	0.295087	1.17815	1.17815	0.0367569	1.44242	1.44242	0.0350476	0.690185	-1.44889	0.769615	1.04534	1.04534	0.465305	0.893872	-1.11873	2.701	0.975177	0.320927	1				
cg16629523	CTTN;CTTN	0.0882653	0.0509533	0.37819	-2.64566	0.0215559	0.547426	-1.82367	0.138012	0.537002	-1.86219	0.205881	0.557988	-1.79247	0.0979805	0.724253	-1.44501	0.0669164	0.407272	-2.45536	0.0593604	0.575796	-1.73697	0.0549637	0.386051	-2.59053	2.70898	0.838203	2.692609	1							
cg03254928	CD3G;CD3D;CD3D	0.0882679	0.104191	0.243583	-4.10537	0.0415901	0.154053	-6.47445	0.137847	0.280735	-3.56208	0.13932	0.275981	-3.62343	0.0580962	0.182166	-5.48949	0.0748281	0.206481	-4.84306	0.0204296	0.108472	-9.21893	0.0250965	0.120233	-8.31721	0.197593	0.338651	-2.95289	2.70095	0.27082	0.89833	1				
cg17624822	FAM171A2	0.0882689	0.55879	1.34696	1.34696	0.572788	1.19205	1.19205	0.97002	0.981245	-1.01911	0.757485	1.56827	1.56827	0.106207	2.43156	2.43156	0.124356	0.122027	2.32644	2.32644	0.00240105	8.40851	0.974076	1.91581	1.91581	0.0170991	3.11475	3.11475	0.29093	10.8564	3.57288	1				
cg13346967	CYTH2;CYTH2	0.0882726	0.538518	0.912394	-1.09601	0.747067	1.04879	1.04879	0.539872	1.09567	1.09567	0.936537	0.988344	-1.01179	0.182987	1.23125	1.23125	0.00484092	0.576871	-1.73349	0.8440935	1.32496	1.32496	0.892521	1.0201	1.0201	0.844711	1.02929	1.02929	0.27089	0.927176	0.305143	1				
cg04127894	PLCB2	0.0882728	0.477458	0.869244	-1.15043	0.279659	0.804088	-1.24364	0.0288428	0.606512	-1.64877	0.313704	0.81697	-1.22403	0.950617	1.01209	1.01209	0.154971	1.34152	1.34152	0.0179229	1.74739	1.74739	0.877558	0.970532	-1.03036	0.436509	0.85727	-1.16649	2.70088	0.16306	0.529887	1				
cg10285897	SIVA1;SIVA1	0.0882765	0.2801617	1.29413	1.38043	0.44895	1.24805	1.24805	0.153134	1.14744	1.14744	0.57968	1.12796	1.12796	0.213364	0.683388	-1.46359	0.00346239	1.98091	1.98091	0.0139886	-1.12607	0.641064	0.610911	-1.6369	0.387681	0.775484	1.28952	2.70084	1	1				
cg26940122	ARHGEF16	0.0882768	0.842489	1.09832	1.09832	0.368915	0.647263	-1.54497	0.805604	0.89027	-1.12325	0.0478256	0.344183	-2.90543	0.0132493	0.235261	-4.25059	0.81594	1.11618	1.11618	0.0569927	0.362313	-2.76005	0.0258677	0.287356	-3.48001	0.245222	0.563856	-1.7735	2.70083	0.50469	3.12815	1				
cg16718889	FAM161B	0.0882777	0.33402	1.702602	-1.42357	0.608699	0.812757	-1.20083	0.02676	0.394459	-2.53489	0.844625	1.07202	1.07202	0.0193794	0.415906	-2.40439	0.957942	1.01887	1.01887	0.134309	1.77231	1.77231	0.0891756	1.94312	1.94312	0.047043	0.709495	-1.40945	2.70083	0.3799	1.76864	1				
cg06225133	ZNF35	0.0882778	0.545373	1.88843	1.88843	0.0211015	1.29115	1.29115	0.155054	1.34197	1.34197	0.575197	0.896153	1.1556	0.492757	-1.32452	0.920948	0.980996	-1.01937	0.0359798	0.4731	2.11482	2.11482	0.0141924	0.94102	-1.07055	0.701269	1.07795	1.07795	2.70082	1.59822	0.526004	1				
cg12193153	GPR142	0.0882799	0.172668	0.798029	-1.25309	0.00897444	1.67628	1.67628	0.347681	0.860441	-1.16219	0.467953	0.891541	-1.12165	0.577845	0.916314	-1.09133	0.468845	1.12139	1.12139	0.535153	1.10255	1.10255	0.101775	0.756956	-1.32108	0.246589	1.20726	1.20726	2.70079	1.03366	0.3402	1				
cg05693611	ULBP2	0.0882821	0.284405	0.873252	-1.14521	0.19035	0.7543	-1.32567	0.0661458	0.485815	-2.0584	0.00764209	0.311032	-3.2151	0.426177	0.758261	-1.31881	0.0622288	0.489244	-2.04397	0.124662	0.744151	1.34329	0.0253237	0.2548	3.92452	0.0416172	0.329029	2.70078	0.10842	1.55591	1				
cg13071333	LCE3A	0.0882816	0.256358	2.52283	2.52283	0.941857	1.05128	1.05128	0.280002	0.215949	2.15949	0.174622	0.371635	-2.69081	0.0726991	3.94566	3.94566	0.208616	0.403049	-2.48109	0.0135025	8.13441	8.13441	0.898831	0.916497	-1.09111	0.121669	3.15873	3.15873	2.70077	20.1017	0.61595	1				
cg22253499	MKRN2	0.0882824	0.145001	0.672969	-1.48656	0.629574	0.881353	-1.13469	0.0288955	0.593346	-1.6836	0.0715389	0.597832	-1.67332	0.0164342	0.597832	-1.67332	0.467054	-2.14121	0.467054	-2.14121	0.347447	0.87005	-1.14931	0.553453	-1.80684	0.882805	1.47998	2.70075	1	1				
cg14661234	TNFRSF4 TNNRD1;TNNRD1;TXNRD1;TXNRD1;TXN RD1A;PDE9A;PDE9A;PDE9A;PDE9A;PD E9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9 A;PDE9A;PDE9A;PDE9A;PDE	0.0882865	0.137963	1.568413	-1.75929	0.154054	0.582948	-1.71542	0.0603827	0.472838	-2.11489	0.925258	1.03374	1.03374	0.0275568	0.397883	2.5133	0.199979	0.61951	-1.61418	0.00956478	0.313344	-3.19138	0.786155	1.10095	1.10095	0.210446	0.62706	-1.59474	2.70071	0.5499	1.76082	1				
cg23902232	A;PDE9A;PDE9A;PDE9A;PDE	0.0882886	0.818572	1.04773	1.04773	0.0344401	1.64987	1.64987	0.316939	1.2336	1.2336	0.563318	0.888196	-1.12588	0.939692	0.984763	-1.01547	0.807481	1.05079	1.05079	0.0197154	1.77094	1.77094	0.689784	1.08482	1.08482	0.0380097	0.613791	-1.62922	2.70068	1.76125	0.579688	1				
cg10625931	NDUFA4L2	0.0882898	0.1040609	0.526644	-1.89883	0.0194888	0.154988	6.45284	0.0126758	0.324778	3.08034	0.0138434	1.33034	1.33034	0.0188293	2.89455	2.89455	0.0117786	2.0249	2.0249	0.0206746	2.48571	2.48571	0.142684	1.42408	1.42408	0.0810866	1.76564	1.93074	0.900121	-1.01186	2.70067	0.564859	1.83283	1				
cg09075745	MAD1L1;MAD1L1;MAD1L1	0.0882906	0.313728	0.626878	-1.59521	0.0495278	0.566255	-2.73034	0.0814563	0.420801	-2.37642	0.946383	0.970306	-1.0306	0.00285887	0.158887	6.2938	0.479802	1.74724	1.74724	0.137984	0.565059	0.77052	-1.29783	0.783614	0.883927	-1.13132	0.543923	0.759326	-1.31696	2.70066	0.59277	2.82821	1				
cg10779317	USP22	0.0882906	0.744919	0.847507	-1.17993	0.0250779	1.35993	1.35993	0.0258948	1.82081	1.82081	0.274137	1.78021	1.78021	0.0686597	0.355986	-2.8091	0.248332	1.84343	1.84343	0.205887	1.96659	1.96659	0.815753	0.888432	-1.12558	0.784804	1.14481	1.14481	2.70065	10.987	3.61623	1				
cg15850390	CDH4	0.0882912	0.165072	1.56729	-1.56729	0.9075	1.13076	1.13076	0.481364	0.690596	-2.12949	0.0178282	0.612296	1.61744	0.0522822	1.61744	0.0522822	0.536474	-1.86404	0.536474	-1.86404	0.0874316	0.136414	-7.33063	0.0317181	0.131998	0.127904	0.564884	-1.49806	0.0267563	0.95969	0.0397252	13.1998	2.70064	0.674749	15.6917	1				
cg18212167	EFNA3	0.0882921	0.460808	1.35345	1.35345	0.339146	1.48755	1.48755	0.264362	1.5983	1.5983	0.0884286	2.13326	2.13326	0.0375087	0.467505	-2.13901	0.0932641	2.10479	2.10479	0.34226	1.88869	1.88869	0.0300321	2.79751	2.79751	0.049642	2.46632	2.46632	2.70064	6.9641	2.2874	1				
cg20477005	SLC26A10	0.0882939	0.0234529	0.439669	-2.27519	0.0129574	0.0678652	-3.50241	0.0184159	0.360906	-2.77065	0.0728121	0.469555	-2.13009	0.0533364	0.248115	-4.03021	0.0244602	0.3246	-3.08046	0.0396359	0.155194	-6.44356	0.0431046	0.226366	-4.41763	0.0681858	0.195179	-5.12356	2.70063	0.07145	0.17402	1				
cg14740204	MIF	0.0882933	0.731756	1.05276	1.05276	0.747636	1.04942	1.04942	0.809766	0.964606	-1.03669	0.502345	1.10708	1.10708	0.968845	1.00585	1.00585	0.727942	1.05157	1.05157	0.00195578	0.519818	-1.92375	0.42743	0.885972	-1.1287	0.310208	0.854789	-1.16988	2.70062	0.954955	0.314316	1				
cg07572435	LY6D	0.0882939	0.0204295	0.386154	-2.58964	0.0601958	0.485815	-2.0584	0.0076424	0.0209074	0.311032	-3.2151	0.426177	0.758261	-1.31881	0.0622288	0.489244	-2.04397	0.144438	0.717734	-1.39127	0.322677	0.706162	-1.41611	0.319703	0.615225	-1.62542	0.556744	0.816748	-1.22437	2.70061	0.96089	1.63264	1				
cg09929590	AGAP3	0.0882977	0.0715224	0.474354	-2.42456	0.157055	0.828353	-1.20825	-1.60288	0.209955	2.96904	0.236499	0.42835	0.156524	2.96991	0.86991	0.374312	0.164342	2.96704	2.96704	0.0214124	0.460764	-2.17201	0.0153453	-1.88064	0.0172887	1.3287	0.594863	0.869805	1.49784	2.70057	1				
cg18830241	RCCD1;RCCD1 TNNRD1;TNNRD1;TXNRD1;TXNRD1;TXN RD1A	0.0882979	0.0475254	0.326172	-3.06586	0.0797349	0.382446	-2.61475	0.191582	0.504914	-1.98054	0.632586	0.788139	-1.26881	0.0164018	0.234612	-4.26235	0.108344	0.420709	-2.37694	0.029195	0.280777	-3.56155	0.358013	0.626751	-1.59553	0.0382136	0.305048	-3.27818	2.70056	0.10495	0.34946	1				
cg20245822	RD1	0.0882993	0.04703	0.295435	-3.38484	0.0177907	0.21317	-4.69109	0.094641	0.373284	-2.67893	0.390297	0.623631	-1.60351	0.0210158	0.225572	-4.43317	0.316725	0.573949	-1.74231	0.0341198	0.265456	-3.7671	0.153078	0.440108	-2.27217	0.62104	0.765432	-1.30645	2.70054	1.32066	4.05075	1				
cg02337166	NR1D1	0.0882993	0.505285	0.891791	-1.12134	0.9026593	1.02094	1.02094	0.0869298	1.37751	1.37751	0.132479	1.32666	1.32666	0.0311132	0.651389	-1.53516	0.683533	1.0719	1.0719	0.197445	0.793882	-1.25963	0.0558877	0.692848	-1.44332	0.0390878	1.16091	1.16091	2.70054	1.2276	0.404066	1				
cg21515587	TFAP4;TFAP4 DNASE1L1;DNASE1L1;DNASE1L1;DNAS	0.0882996	0.0617867	0.70391	-1.42107	0.0127155	1.63555	1.63555	0.210648	1.23316	1.23316	0.809604	0.962373	-1.0391	0.727432	0.954975	-1.04715	0.559802	0.918454	-1.08879	0.0154575	1.60331	1.60331	0.964403	1.00711	1.00711	0.646369	0.929184	-1.07621	0.68883	1.07912	0.355421	1				
cg04324559	E1L1;DNASE1L1	0.0883031	0.203845	1.75744	1.75744	0.795368	1.11547	1.11547	0.54844	0.774676	-1.29086	0.0165581	0.392083	2.55497	0.0132202	2.55497	0.0132202	0.274913	3.63752	3.63752	0.0274913	0.133902	0.506782	-1.97324	0.928794	1.03829	0.143265	0.610555	0.805773	-1.24104	2.70049	7.56077	2.48869	1				
cg24848192	RFPL2;RFPL2	0.0883032	0.422985	0.555278	-1.8009	0.105653	3.5629	3.5629	0.252844	0.423794	-2.35964	0.786317	1.21571	1.21571	0.407313	1.83913	1.83913	0.168679	2.86988	2.86988	0.581207	0.669994	-1.49255	0.0142203	0.113723	-8.7933	0.0911682	0.262524	-3.80917	2.70049	22.0991	7.27409	1				
cg15089387	TSJP	0.0883040	0.125421	0.297077	-3.43467	0.0107115	0.148484	-6.73566	0.0126755	0.284886	-3.51081	0.0852352	0.429125	-2.33007	0.0141626	0.214086	-4.67101	0.0485355	0.24901	-4.01605	0.0124986	0.0633	-15.8021	0.0158805	0.073752	-13.5617	0.0658824	0.146853	-6.66832	0.0198995	5.89111	5.48511	0.0248408	23.8433	2.70048	23.8433	7.84824	1				
cg05331214	SCN7A	0.0883071	0.418794	0.6985	-1.53882	0.0836375	0.782094	-1.72529	0.0337245	0.274239	-3.64646	0.872685	1.08727	1.08727	0.110262	1.84305	1.84305	0.247951	0.69373	0.813437	-1.22935	0.178025	0.473941	0.9997	0.335871	0.65978	-1.5762	0.592811	0.754561	-1.32527	2.70044	0.44111	0.83184	1				
cg13360638	AMH	0.0883115	0.0932818	0.768552	-1.26815	0.294557	0.869457	-1.15014	0.267837	0.86198	-1.16012	0.992774	1.00117	1.00117	0.217676	1.1816	1.1816	0.156508	1.21534	1.21534	0.0123695	1.49289	1.49289	0.909728	1.0147	1.0147	0.335091	1.879933	-1.13645	2.70039	0.708136	0.233098	1				
cg20803087	EFCAB4A	0.0883126	0.1063698	0.789107	-1.26729	0.0931632	1.44844	1.44844	0.0625572	1.15076	1.15076	0.481364	0.690596	-2.12949	0.0452822	0.612296	-1.61744	0.0522822	0.536474	-1.86404	0.0874316	0.136414	-7.33063	0.0317181	0.131998	0.127904	0.564884	-1.49806	0.0267563	0.95969	0.0397252	13.1998	2.70039	0.674749	15.6917	1				
cg26092675	HIST1H3E	0.0883169	0.0325356	47.3077	47.3077	0.0250084	29.6913	29.6913	0.0679624	23.357	23.357	0.087384	18.3345	18.3345	0.0817724	19.5484	19.5484	0.0752698	21.1731	21.1731	0.0518694	30.2603	30.2603	0.04554	34.2738	34.2738	0.0688891	23.0552	23.0552	2.70032	101.601	33.445	1				
cg24319381	CHP7L	0.0883196	0.555079	1.17045	1.17045	0.0362172	0.526157	-1.90051	0.125437	0.645772	-1.54891	0.0485533	1.11048	1.11048	0.0488533	0.73753	-1.35619	0.789462	0.81079	-1.23346	0.7044	1.10554	1.10554	0.601969	0.870449	-1.14883	0.644501	0.884703	-1.13032	2.70028	2.97295	0.959647	1				
cg07850967	SPTBN1;SPTBN1;SPTBN1	0.0883217	0.2057755	2.2176	2.2176	0.0109712	1.52016	1.52016	0.229124	0.2293563	22.3116	22.3116	0.2934687	22.3116	0.2167733	0.4613198	0.1228355	0.4613198	0.1228355	0.4613198	0.1228355	0.902626	0.8694995	-1.15009	0.0883818	0.31665	-3.15767	0.611327	0.556805	-1.79596	0.788763	0.735792	1.06354	2.70026	15.8271	18.3776	1				
cg00401433	ZFPM2	0.0883226	0.101822	0.418712	-2.38828	0.052429	0.342276	-2.92162	0.0529465	0.343292	-2.91297	0.633761	1.26313	1.26313	0.0201153	0.259323	-3.90743	0.872045	1.0815	1.0815	0.038061	0.314966	-3.17494	0.708453	1.20033	1.20033	0.423282	0.671236	-1.48979	2.70025	0.10351	3.32649	1				
cg01299282	AARS	0.0883232	0.0153176	0.407811	-2.45107	0.0178877	0.146467	-6.8317	0.0126755	0.284886	-3.51081	0.0852352	0.429125	-2.33007	0.0141626	0.214086	-4.67101	0.0485355	0.24901	-4.01605	0.0124986	0.0633	-15.8021	0.0158805	0.073752	-13.5617	0.0658824	0.146853	-6.66832	0.0198995	5.89111	5.48511	0.0248408	23.8433	2.70025	23.8433	7.84824	1				
cg13743736	TESK1	0.0883238	0.0580281	0.578472	-1.72869	0.0340486	0.531623	-1.88103	0.271677	0.746526	-1.33954	0.259266	0.740323	-1.35076	0.0231421	0.499725	-2.0011	0.0585063	0.579227	-1.72644	0.0254471	0.507394	-1.97085	0.911623	1.02877	1.02877	0.72318	0.913185	-1.09507	2.70023	2.79109	0.9188	1				
cg18781031	FBN2	0.0883249	0.18429	0.488881	-2.04549	0.2320099	0.528898	-1.89072	0.267628	0.556103	-1.79823	0.943275	1.64234	1.64234	0.0187667	0.23527	-4.25043	0.725203	0.835825	-1.19642	0.212953	0.280602	-4.79382	0.0794808	0.985236	-1.01498	0.0787758	0.370842	-2.69657	2.70023	11.0427	3.63517	1				
cg23093116	PTGFRN	0.0883264	0.13724	0.722903	-1.38331	0.153841	0.733812	-1.36275	0.0502127	0.636011	-1.5723	0.0208584	1.75717	1.75717	0.75885	1.06441	1.06441	0.21427	1.30349	1.30349	0.0393859	0.837745	-1.19368	0.907118	0.976618	-1.02394	0.380903	0.833444	-1.19984	2.7002	1.7573	0.578493	1				
cg17973773	PIK	0.0883272	0.0335159	0.240455	-4.15879	0.672976	0.783797	-1.27584	0.193146	0.453733	-2.20394	0.570904	1.38908	1.38908	0.0361894	0.247139	-4.04631	0.17198	0.434167	2.30126	0.0166791	0.186925	-5.34972	0.0648532	0.304279	-3.28645	0.183982	0.445401	-2.24517	2.70019	14.082	4.63572	1				
cg05467890	SSPO	0.0883282	0.258664	0.483389	-2.06871	0.309345	0.528888	-1.89087	0.267628	0.556103	-1.79823	0.943275	1.64234	1.64234	0.0187667	0.23527	-4.25043	0.725216	0.835825	-1.19642	0.212953	0.280602	-4.79382	0.0794808	0.985236	-1.01498	0.0787758	0.370842	-2.69657	2.70023	11.0427	3.63517	1				
cg27495336	ZNF627	0.0883291	0.0083329	0.5972	-1.67448	0.528371	1.10259	1.10259	0.103986	1.31229	1.31229	0.407924	0.878612	-1.13816	0.111025	0.765877	-1.30599	0.349773	0.863166	-1.15853	0.686636	1.06397	1.06397	0.507791	1.10818	1.10818	0.4112	1.13709	1.13709	2.70016	0.999538	0.329046	1				
cg13859860	NCOA4;NCOA4;NCOA4	0.0883317	0.0554246	0.417645	-2.39454	0.0766355	0.417962	-2.39265	0.0554246	0.417962	-2.24163	0.830614	0.854204	-1.17062	0.0822514	0.424264	-4.15546	0.0760162	0.234131	-4.27112	0.0210554	0.101958	-9.80795	0.0224564	0.094358	-10.6023	0.0309399	0.227336	-4.39829	2.70013	0.32275	0.12453	1				
cg21249921	SSBP2	0.0883328	0.689343	1.03065	1.03065	0.151673	1.12233	1.12233	0.0507899	1.18199	1.18199	0.538008	1.04796	1.04796	0.143535	0.941966	-1.06161	0.412208	1.06502	1.06502	0.05687	0.85052	-1.17575	0.124106	0.882396	-1.13328	0.06065	1.17224	1.17224	2.70011	0.241404	0.0794713	1				
cg00626518	RDPN1L	0.0883336	0.0222263	0.312767	-3.19727	0.0997806	0.220072	-4.54396	0.865902	1.06931	1.06931	0.790068	1.13162	1.13162	0.0601635	0.816137	-1.22528	0.909238	1.05427	1.05427	0.543973	0.750579	-1.32965	0.192765	1.89418	1.89418	0.211594	1.84015	1.84015	2.70007	9.18342	3.02327	1				
cg12347346	CDH23	0.0883337	0.0486339	0.407717	-2.45163	0.1767	0.747478	-1.33808	0.25803	0.736522	-1.35859	0.278918	0.729518	-1.37056	0.0264927	0.386144	-2.59178	0.0599322	0.70727	-1.41377	0.0234923	0.194785	-5.13274	0.0154284	0.0611152	-16.3625	0.0242855	0.171274	-5.83525	1.73083	0.17005	0.16227	5.3473	1				
cg07135478	ABR	0.0883393	0.17614	0.332585	-3.00675	0.483511	1.72071	1.72071	0.00287113	0.043318	-23.0851	0.887724	0.897511	-1.11419	0.893142	0.90224	-1.10835	0.757156	1.26797	1.26797	7	7	7

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(2 2)T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07292020	GOLPH3L	0.08843454	0.0832344	0.634183	0.576831	0.224932	0.738824	-1.3535	0.0223408	0.524735	1.90572	0.0581135	0.601365	-1.60268	0.1132447	0.482352	-2.07317	0.513544	0.854409	-1.1704	0.949009	0.795721	-1.25672	0.889733	0.909101	-1.09999	0.038565	0.56604	-1.76666	2.6988	2.4106	0.7935868	1
cg05657254	C5orf53	0.08843484	0.371464	1.24949	1.24949	0.182	0.498629	-2.0055	0.676291	0.903103	-1.10729	0.0179709	0.497657	-2.09041	0.7925724	0.919273	-1.08782	0.599456	0.879301	-1.13727	0.181382	1.441112	1.411112	0.255219	0.749525	-1.33418	0.16145	0.69562	-1.43757	2.69876	2.51807	0.8293775	1
cg07924535	TBC1D1	0.08843486	0.431381	0.747665	-1.3375	0.196503	0.609865	-1.63971	0.0234879	0.375348	-2.66419	0.0457403	0.436325	-2.29187	0.0120875	0.322047	-3.10513	0.446752	1.32421	1.32421	0.119965	0.54289	-1.842	0.617856	0.833492	-1.19977	0.614133	0.831857	-1.20213	2.69876	5.60466	1.84601	1
cg02934884	AGAP1;AGAP1	0.08843496	0.1155961	2.45371	2.45371	0.113726	0.34863	2.34863	0.313101	1.72894	1.72894	0.0462977	0.31322	3.31322	0.9685081	0.979497	-1.02093	0.0351959	3.62312	3.62312	0.0204796	4.3289	4.3289	0.0926162	2.64096	2.64096	0.0364122	3.58314	3.58314	2.69874	11.7697	3.8766	1
cg19342109	SYNE1;SYNE1	0.08844457	0.73911	1.07921	1.07921	0.027109	0.550621	-1.81613	0.2047	0.736949	-1.35695	0.14486	0.69967	-1.49234	0.9825085	0.994552	-1.00548	0.78349	1.06484	1.06484	0.0148606	1.98059	1.98059	0.94582	1.0154	1.0154	0.4118771	0.82827	-1.20737	2.69866	2.22356	0.732397	1
cg13449424	VEPH1;VEPH1;VEPH1;VEPH1	0.08844481	0.576625	0.901539	-1.10921	0.0216291	0.602416	-1.65998	0.3446821	0.836197	-1.19589	0.0982892	0.19545	1.39543	1.39543	0.644787	0.91823	0.108905	1.46226	1.46742	1.46742	0.128661	1.35225	1.35225	0.056129	1.48814	1.48814	0.595666	0.906272	-1.10342	2.69864	1.4429	0.4753958	1
cg07079445	CTPS2;CTPS2;CTPS2;CTPS2	0.08845	0.505008	0.914486	-1.09351	0.0414612	1.36443	1.36443	0.444632	0.902144	-1.10847	0.708485	1.05089	1.05089	0.0266692	0.706749	-1.41493	0.08508275	0.777553	-1.28609	0.138364	0.809903	-1.23472	0.600331	0.932522	-1.07236	0.25277	1.171	1.171	2.69861	0.746414	0.24586	1
cg19628127	SHC2	0.08845425	0.2685646	0.778224	-1.28529	0.209577	0.744541	-1.3431	0.0441928	1.66562	1.66562	0.398797	1.20912	1.20912	0.8832151	0.968216	-1.03283	0.09414403	1.49863	1.49863	0.0201995	1.7592	1.7592	0.187903	1.35899	1.35899	0.1413894	0.806337	-1.24019	2.69858	2.06515	0.6802043	1
cg14019947	GPSM2	0.08844541	0.514154	1.07601	1.07601	0.120867	1.20617	1.20617	0.177817	1.37301	1.37301	0.102912	1.01292	1.01292	0.9913197	1.00242	-1.4232	0.867761	1.01874	1.01874	0.386753	1.005863	1.00292	0.951258	0.790808	-1.26453	0.451173	0.918009	-1.08893	2.69856	0.530726	0.174818	1
cg24683871	RFX2;RFX2	0.08845514	0.335374	1.3544	1.3544	0.310632	0.725895	-1.37761	0.683348	1.13341	1.13341	0.346227	0.743631	-1.34475	0.6	0.850798	-1.17537	0.437786	1.27341	1.27341	0.62538	0.860487	-1.16213	0.00290183	3.49051	3.49051	0.965189	0.986762	-1.01342	2.69854	3.98535	1.31276	1
cg08945716	EXOSC3;EXOSC3	0.08845576	0.0534631	0.758103	-1.31926	0.175432	1.19551	1.19551	0.0127871	0.848664	-1.17781	0.265503	0.863726	-1.15762	0.766426	1.8433	1.8433	0.463919	0.909778	1.09977	0.0154054	0.687032	-1.45554	0.494225	0.760488	-1.3156	0.142453	1.22025	1.22025	2.69851	0.681253	0.224405	1
cg07837590	FCHO1;CHO1	0.08845585	0.766227	0.934113	-1.07053	0.747093	1.07677	1.07677	0.0359107	1.74707	1.74707	0.84952	0.967323	-1.03378	0.0220254	0.53374	-1.87357	0.06713685	0.625594	-1.59848	0.0994902	0.661828	-1.51097	0.66645	1.10421	1.10421	0.966425	0.990424	-1.00967	2.6985	2.23338	0.735679	1
cg01035003	PIGS;IG6	0.08845589	0.0303444	0.793916	-1.25926	0.458758	0.600908	1.66415	0.428866	0.5797	1.72509	0.782597	1.20532	1.20532	0.0059491	0.088277	-11.3408	0.0250722	0.279432	-3.57868	0.871239	1.05744	1.05744	0.759155	0.899525	-1.1137	0.260767	0.607732	-1.49703	2.73019	4.55707	1.66914	1
cg16305340	SLC7A6;SLC7A6	0.08845598	0.881507	1.0527	1.0527	0.298798	1.44892	1.44892	0.767305	1.10758	1.10758	7	7	7	0.162306	0.67147	1.67147	0.00508722	0.279432	-3.57868	0.871239	1.05744	1.05744	0.759155	0.899525	-1.1137	0.260767	0.607732	-1.49703	2.73019	4.55707	1.66914	1
cg11635555	MAD1L1;MAD1L1;MAD1L1	0.08846612	0.157521	0.795255	-1.25746	0.484683	0.897557	1.11364	0.00769958	0.595106	-1.68037	0.659029	1.06962	1.06962	0.0250034	0.667501	-1.49812	0.837405	1.03164	1.03164	0.413949	1.1332	1.1332	0.615567	0.92613	-1.07976	0.183651	0.807501	-1.23839	2.69847	0.981874	0.323434	1
cg19936847	PNPLA7;PNPLA7	0.08846627	0.286051	1.090329	-1.09171	0.41637	0.083055	0.543609	-1.83956	0.844789	0.54904	-1.82138	0.280757	0.703106	-1.42226	0.055388	0.503828	-1.97656	0.544822	1.83527	0.0148789	1.40789	1.40789	0.151826	0.61996	-1.61996	0.834616	0.936424	-1.06789	2.69845	4.23879	1.5897	1
cg24552697	ARHGAP29 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.08846	0.2659383	0.351723	-2.84315	0.939721	1.07056	1.07056	0.259007	0.345897	-2.89103	0.976101	1.02737	1.02737	0.210212	0.304119	-3.28819	0.176147	0.273485	-3.65651	0.0026719	0.0236725	-42.2432	0.786985	0.78335	-1.27657	0.0772218	0.170152	-5.8771	2.68944	34.732	11.441	1
cg18601167	PRKAR1B;PRKAR1B	0.08846777	0.26373	1.35355	1.35355	0.840099	1.0539	1.0539	0.0520924	1.77565	1.77565	0.558557	1.16617	1.16617	0.139139	1.30673	1.30673	0.0264738	0.504766	-1.98111	0.286161	0.749893	-1.33352	0.172798	1.4579	1.4579	0.0754621	1.67237	1.67237	2.69838	2.88564	0.950576	1
cg13665979	ZNF225	0.08846785	0.889283	0.919535	-1.06436	0.0206786	0.287188	-3.48204	0.0231112	0.296341	-3.3745	0.828894	1.10177	1.10177	0.0152046	0.263144	-3.8002	0.863001	0.92558	-1.0804	0.12957	0.480325	-2.08193	0.415128	0.688581	-1.45205	0.279307	0.604321	-1.65475	2.69837	8.5686	2.82264	1
cg12597422	DOCK7	0.08847717	0.3767966	0.75846	-1.31846	0.2406	0.667347	-1.49798	0.2479182	0.489162	-2.04431	0.789447	1.09325	1.09325	0.0201276	0.373004	-2.68959	0.951708	0.981701	-1.01864	0.9157424	0.509118	-1.96418	0.365901	0.702223	-1.42405	0.0285491	0.454802	-2.19876	2.69833	3.97592	1.3091	1
cg23694113	HLA-LINC00401	0.08847721	0.762359	1.11333	1.11333	0.00475378	3.76951	3.76951	0.591776	0.825616	-1.21122	0.251843	1.52768	1.52768	0.929744	0.969267	-1.03171	0.09046662	1.93544	1.93544	0.0846912	1.96401	1.96401	0.0926818	1.92505	1.92505	0.268395	0.503191	1.50391	2.69833	5.35502	1.76406	1
cg19193946	C1orf109	0.08847728	0.265316	1.07995	1.07995	0.0231492	1.28515	1.28515	0.0127665	0.82656	1.21163	0.159457	1.28293	1.28293	0.0254357	1.27965	1.27965	0.0419869	1.42909	1.42909	0.0148408	1.83358	1.83358	0.0148408	1.23402	1.23402	0.0148408	1.10406	1.10406	2.69833	1.2984	0.24373	1
cg17858811	DAZL	0.08847743	0.985451	1.00657	1.00657	0.174421	1.6801	1.6801	0.00793654	3.39598	3.39598	0.937979	1.02834	1.02834	0.807162	1.0918	1.0918	0.04260636	2.432389	2.31273	0.429163	0.74836	-1.33625	0.933598	0.03038	1.03038	0.277912	1.49966	1.49966	2.6983	5.5124	1.81593	1
cg11554466	SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.08847763	0.713202	0.929788	-1.07551	0.569739	1.11995	1.11995	0.47793	1.1529	1.1529	0.0364698	0.619153	-1.61511	0.572434	0.893591	-1.11908	0.0124016	0.545132	-1.84736	0.786114	0.947776	-1.0551	0.152121	0.738951	-1.35327	0.241166	0.188663	1.38863	2.69827	1.66179	0.547441	1
cg00515921	HLX	0.08847951	0.0417453	1.33596	1.33596	0.188881	0.4747945	1.33596	0.0147355	1.74844	1.74844	0.107935	0.54004	-1.82138	0.2807729	0.42169	-2.37109	0.117381	1.48071	1.48071	0.0244049	1.66002	1.66002	0.0244049	1.74882	1.74882	0.0244049	1.58844	1.58844	2.69824	20.9569	3.8688	1
cg00636737	TCEA2;TCEA2	0.08847994	0.359593	0.600694	-1.66474	0.760587	1.17982	1.17982	0.0982067	2.66817	2.66817	0.659724	0.786828	-1.27093	0.234596	0.509595	-1.96234	0.252671	0.523881	-1.90883	0.0126916	0.187118	-5.34423	0.0287222	0.247589	-4.03895	0.523368	0.705943	-1.41655	2.69823	12.5113	4.32164	1
cg08378326	SMPD3	0.08848002	0.1206	0.379727	-2.77988	0.0054894	0.29328	-3.4108	0.2181815	0.824444	1.27025	0.0188902	0.51282	-1.94711	0.0111319	0.294854	-3.39102	0.0194106	0.428072	-2.33655	0.0132846	0.470981	-2.12405	0.0176134	0.423279	-2.36054	0.0101728	0.211162	-4.73571	2.69822	16.3022	5.37052	1
cg18562023	VPS28;VPS28	0.08848414	0.233187	0.729355	-1.37107	0.188428	0.703394	-1.42168	0.00505037	0.392153	-2.55003	0.331682	0.776581	-1.2877	0.539632	2.16974	2.16974	0.310823	3.3031	1.3031	0.594956	0.762703	1.3563	1.3563	0.265122	0.745867	-1.34072	0.298121	0.72389	0.89735	1
cg09474442	TMEM37	0.08848435	0.110441	3.29244	3.29244	0.0163947	7.45988	7.45988	0.245237	2.29935	2.29935	0.325539	2.00455	2.00455	0.26978	2.19731	2.19731	0.0488701	4.66846	4.66846	0.0380633	5.1923	5.1923	0.0235087	6.3813	6.3813	0.0892622	3.60982	3.60982	2.69818	20.0538	6.60651	1
cg10131514	WNT3A	0.08848455	0.3367866	0.75846	-1.31846	0.2406	1.22671	1.22671	0.0127665	0.82656	1.21163	0.159457	1.28293	1.28293	0.0254357	1.27965	1.27965	0.0419869	1.42909	1.42909	0.0148408	1.83358	1.83358	0.0148408	1.23402	1.23402	0.0148408	1.10406	1.10406	2.69818	1.2984	0.24373	1
cg27519424	HLCS	0.08848463	0.326089	0.472188	-2.39643	0.91584	0.915788	-1.09196	0.807918	0.811406	-1.23243	?	?	?	0.00230425	0.0210824	0.470143	0.405129	0.480378	-2.08169	0.897538	0.89537	-1.11686	0.859589	1.16405	1.16405	0.909188	0.906757	-1.10283	2.69193	0.25219	0.87264	1
cg01601476	EPB41L4B;EPB41L4B	0.08849051	0.12946	0.466203	-2.1455	0.529774	1.34531	1.34531	0.518217	1.35693	1.35693	0.442297	0.479492	-2.08554	0.0537204	0.302012	-3.31121	0.506165	1.4694	1.36094	0.0073031	0.200479	-4.98809	0.317003	0.637513	-1.61935	0.637429	0.801545	-1.24797	2.6981	0.89784	0.33582	1
cg04508476	NE1;CPNE1;CPNE1;CPNE1;RBM12	0.08849092	0.570102	0.74427	-1.3616	0.208704	0.580259	-1.72337	0.0863988	1.08092	1.08092	0.126523	2.27157	2.27157	0.0501555	0.330055	-3.0298	0.935776	1.04081	1.04081	0.455154	0.415242	-2.40824	0.0246078	0.377622	0.29742	0.584963	-1.70951	0.80899	0.52291	3.4068	1
cg22135585	HERC2	0.08849179	0.0400799	1.328563	1.328563	0.0278053	0.295252	-3.38694	0.0482924	0.46902	-2.13248	0.0302409	0.32069	-3.11925	0.0180225	0.402442	-2.48606	0.474645	0.710981	1.40651	0.205745	0.53459	-1.87059	0.0451396	0.340146	-2.93991	0.0350512	0.315958	-3.16497	2.698	9.40521	3.20886	1
cg27343616	PCSK2;PCSK2	0.08850222	0.617898	0.960195	-1.04145	0.27839	0.912986	-1.09531	0.0674749	1.17995	1.17995	0.0259688	1.23797	1.23797	0.704253	0.969668	-1.03128	0.632393	0.961822	-1.03969	0.0546851	1.19247	1.19247	0.11701	0.871507	-1.14744	0.748373	0.97434	-1.02634	2.69794	0.278746	0.0918383	1
cg21836562	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.08850351	0.8471721	1.1504	1.1504	0.0554814	2.19384	2.19384	0.791626	1.05672	1.05672	0.78319	1.05915	1.05915	0.0977551	0.915557	-1.09222	0.0924593	1.93883	1.47382	0.0126286	1.07725	1.07725	0.0778815	1.0356	1.0356	0.9621276	0.910956	-1.09866	1.85497	0.61116	1
cg16793150	PTCD2;MRPS27	0.08850442	0.523604	0.868374	-1.15158	0.601152	1.12206	1.12206	0.075121	1.54144	1.54144	0.0225533	0.550777	-1.81562	0.710405	0.921791	-1.08484	0.0639052	1.57573	1.57573	0.0942502	0.667425	-1.49829	0.994037	0.99837	-1.00163	0.40255	0.829403	-1.20569	2.69791	2.03706	0.671156	1
cg11199428	INTS6;INTS6;INTS6	0.08850568	0.591542	1.08207	1.08207	0.594082	1.08148	1.08148	0.896942	0.981307	-1.01905	0.922095	1.01435	1.01435	0.278857	0.84878	-1.17816	0.02285157	0.672627	-1.48671	0.690892	0.943459	-1.05993	0.0181795	1.51831	1.51831	0.113874	1.28463	1.28463	2.69788	0.906039	0.298519	1
cg05496768	C10orf11	0.08850571	0.2014417	1.23264	1.23264	0.0554814	2.19384	2.19384	0.791626	1.05672	1.05672	0.78319	1.05915	1.05915	0.0977551	0.915557	-1.09222	0.0924593	1.93883	1.47382	0.0126286	1.07725	1.07725	0.0778815	1.0356	1.0356	0.9621276	0.910956	-1.09866	1.85497	0.61116	1
cg05038804	GSK3B;GSK3B	0.08850709	0.484729	1.15185	1.15185	0.52412	1.13716	1.13716	0.0129708	1.8477	1.8477	0.568965	0.651136	-1.55378	0.722736	1.39512	1.39512	0.428265	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14707	1.14707	0.697287	1.69389	0.558099	1
cg05812663	NFRKB;NFRKB	0.08850811	0.0609353	1.315599	1.315599	0.163737	0.4747945	1.33596	0.0147355	1.74844	1.74844	0.107935	0.54004	-1.82138	0.2807729	0.42169	-2.37109	0.117381	1.48071	1.48071	0.0244049	1.66002	1.66002	0.0244049	1.74882	1.74882	0.0244049	1.58844	1.58844	2.69824	20.9569	3.8688	1
cg27403635	KCNN2;KCNN2	0.08851111	0.993907	1.00257	1.00257	0.988031	1.00505	1.00505	0.0710496	1.96739	1.96739	0.729643	1.12347	1.12347	0.289418	0.691422	-1.4463	0.685182	1.14656	1.14656	0.0443001	0.460593	-2.17111	0.0381982	2.23925	2.23925	0.0551017	2.07461	2.07461	2.69783	4.81144	1.58529	1
cg13190879	MIV1	0.08851324	0.570327	0.910461	-1.09854	0.65338	0.908758	-1.10063	0.0197742	1.07579	1.07579	0.614753	0.865079	0.979177	-1.02581	0.897663	0.985791	0.0809871	0.959471	-1.04224	0.0003134	0.458387	0.779566	-1.28271	0.76097	0.953157	-1.05116	0.937881	1.14722	0.97651	1
cg07224931	MLEC	0.08852281	0.1823243	2.3516	2.3516	0.182263	1.32815	1.32815	0.239923	1.50564	1.50564	0.26904	0.818501	-1.22193	0.0440001	0.556704	-1.79602	0.56279	0.78797	-1.26908	0.0187757	0.40618	-2.46196	0.0071024	0.510464	0.507947	-1.96871	0.67968	0.708738	2.33519	1
cg07479786	ANXA9	0.08851441	0.725025	1.13353	1.13353	0.0362843	2.37251	2.37251	0.253556	1.52683	1.52683	0.224534	1.57271	1.57271	0.131862	0.561454	-1.78109	0.177942	0.601666	-1.66205	0.0308564	0.40666	-2.45905	0.595431	1.20949	1.20949	0.888419	0.951397	-1.05109	2.69779	5.38194	1.77329	1
cg15057818	PTPN22;PTPN22;PTPN22	0.08851586	0.817626	1.05922	1.05922	0.5	1.14311	1.14311	0.0444188	1.34793	1.34793	0.340901	1.18942	1.18942	0.0881384	0.714715	-1.39915	0.682824	1.17485	1.17485	0.0959961	1.14566	1.14566	0.0944773	1.18866	1.18866	0.0944773	1.14566	1.14566	2.69773	1.88866	0.457556	1
cg23001961	PFKP	0.08852512	0.005539	0.663576	-1.50699	0.0315063	1.52606	1.52606	0.123938	0.756378	-1.32209	0.308699	0.838147	-1.19311	0.138277	0.765335	-1.30662	0.886411	0.976331	-1.02424	0.319224	1.18828	1.18828	0.667446	0.930123	-1.07513	0.185089	0.79015	-1.26558	2.6977	1.19994	0.39538	1
cg16035151	SIX2	0.08852288	0.554975	1.40158	1.40158	0.550682	0.710882	-1.40685	0.108026	0.370349	-2.69506	0.262792	1.59496	1.59496	0.0191489	0.829312	-1.20563	0.680682	0.783579	1.2762	0.0513799	0.504676	1.98206	0.0092189	6.50622	6.50621	0.737952	0.827088	-1.20906	2.69765	13.6576	4.50022	1
cg08822947	PHF21B;PHF21B	0.08852343	0.0191541	1.464773	1.464773	0.1910051	1.45473	1.45473	0.0129708	1.8477	1.8477	0.568965	0.651136	-1.55378	0.722736	1.39512	1.39512	0.428265	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14711	1.14711	0.0270369	0.732174	1.14707	1.14707	0.697287	1.69389	0.558099	1
cg20669561	ZNF319 BTF3L4;TXNDC12;BTF3L4;BTF3L4;BTF3L	0.08852611	0.365736	1.22181	1.22181	0.492889	1.62233	1.62233	0.275014	0.782792	-1.27748	0.0727256	0.53987	-1.85307	0.74766	1.33445	1.33445	0.138519	1.41039	1.41039	0.142409	1.40497	1.40497	0.107958	0.684783	-1.46032	0.286802	0.787808	-1.26935	0.67963	1.9865	0.654567	1
cg00463885	4;BTF3L4	0.08852853	0.0569793	0.427599	-2.33864	0.439594	1.36467	1.36467	0.894993	0.949247	-1.05347	0.429151	1.37486	1.37486	0.236123	0.612829	-1.63178	0.652775	1.19558	1.19558	0.00867578	0.267271	-3.74152	0.179738	0.570063	-1.75439	0.305616	0.51953	1.51953	2.6976	6.64678	2.19019	1
cg22730327	RASAL2;RASAL2;RASAL2	0.08852859	0.154078	0.848418	0.849418	0.00727831	0.373919	-2.68083	0.0570196	0.644153	-1.55233	0.0805334	0.484637	-2.06443	0.455523	0.805314	-1.24176	0.109403	0.6082	-1.64442	0.6432	0.875597	-1.14208	0.0004734	0.44473	1.08937	1.08937	0.424837	1.16314	1.26134	0.0378809	0.772757	-1.29407	2.6976	0.94726	0.31425	1
cg10888337	WNT7B	0.08852891	0.1469888	0.664654	-1.50454	0.450605	0.546858	-1.82863	0.0137003	0.449303	-2.22567	0.0454006	0.537529	-1.86029	0.2744763	1.35206	1.35206	0.0750743	1.33201	0.7504	0.0012705	0.268058	-3.72939	0.0024609	0.372329	-2.68548	0.0075047	0.885387	-1.12945	2.6976	2.94304	0.969766	1
cg27211088	KIF19	0.08853111	0.135704	0.630334	-1.58646	0.013134	0.413663	-2.41742	0.0187859	0.441698	-2.26399	0.148485	0.640937	-1.56022	0.0344962	0.492775	-2.02932	0.858599	0.950104	-1.05252	0.219348	0.69023	-1.44879	0.149148	0.641469	-1.55892	0.186947	0.669325	-1.49404	2.6957	3.51949	1.15972	1
cg18131583	GGPS1;GGPS1;ARD4B;GGPS1;ARD4B	0.08853315	0.37526	0.864534	-1.15669	0.562818	0.910662	-1.0981	0.886218	0.977358	-1.02317	0.0133074	0.612264	-1.63328	0.301813	0.842725	-1.18663	0.06424961	0.707063	-1.39458	0.536684	1.10525	0.0871185	1.3527	1.3527	0.248851	1.21265	1.21265	2.69756	1.09314	0.360207	1
cg12224869	MYBBP1A;MYBBP1A	0.08853322	0.652919	1.08434	1.08434	0.425734	1.25643	1.25643	0.165485	1.32523	1.32523	0.143971	1.02385	1.02385	0.9139202	0.997511	-1.00247	0.00961745	1.19465	1.19465	0.0153213	1.69162	1.69162	0.0153213	1.03219	1.03219	0.2218337	0.530334	0.885661	0.95756	0.51778	1.35376	1
cg15927682	PDE1B;PDE1B SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;	0.08853328	0.403494	0.795352	-1.2573	0.0779197	1.68994	1.68994	0.0037687	2.84959	2.84959	0.176007	1.47012	1.47012	0.654012	1.12844	1.12844	0.412168	1.2518	1.2518	0.591784	0.865033	-1.15603	0.476036	1.21423	1.21423	0.755491	0.919737	-1.08727	2.69755	1.06488	1.00993	1
cg18556280	SYTL2;SYTL2;SYTL2	0.08853354	0.478742	0.815551	-1.22616	0.205505	0.685118	-1.4596	0.950911	0.98272	-1.01758	0.793014	0.928248	-1.0773	0.977351	0.991994	-1.00807	0.131428	1.5858	1.5858	0.0318669	2.0383	2.0383	0.0149246	2.3399	2.3399	0.148562	1.55071	1.55071	2.69752	3.42484	1.12856	1
cg20585676	LOC100132215	0.08853356	0.213337	1.39377	1.39377	0.0922134	5.16708	5.16708	0.276089	2.72893	2.72893	0.326446	2.45403	2.45403	0.0705983	5.992	5.992	0.15782	3.81212	3.81212	0.00675506	22.453	22.453	0.0277748	10.0213	10.0213	0.104313	4.82312	4.82312	2.69751	33.5449	11.0538	1
cg12150646	VPS13C;VPS13C	0.08853365	0.0612692	2.62932	-1.56728	0.457037	0.533107	1.87539	0.0853993	0.706554	1.41532	0.0401776	0.184962	5.40651	0.0001499	0.0140811	0.100991	-9.90188	0.292421	3.41949	0.0015871	0.100991	-9.90188	0.292421	2.45953	-2.17603	0.128039	0.310025	-3.22554	2.69749	21.6456	7.13277	1
cg02709692	KCTD8	0.08853375	0.5188881	0.627832	-1.59278	0.0339632	0.5177	-5.82411	0.635905	0.712154	-1.40419	0.085873	0.258957	-3.86164	0.0401776	0.184962	5.40651	0.064722	2.283276	4.37875	0.0140891	0.100991	-9.90188	0.292421	0.459553	-2.17603	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg20612286	PDE4B;PDE4B;PDE4B	0.0886349	0.0165829	0.262903	-3.80369	0.103264	0.443256	-2.25603	0.298298	0.611267	-1.63595	0.156711	1.99687	1.99687	0.0381918	0.333928	-2.99466
cg13419390	FAM123C;FAM123C;FAM123C;FAM123C	0.0886367	0.302668	1.63026	1.63026	0.0248315	3.3963	3.3963	0.603045	1.27144	1.27144	0.863776	1.08178	1.08178	0.540617	0.753108	-1.32783
cg11718315	PARP16	0.0886369	0.230575	0.770533	-1.2978	0.21485	1.31077	1.31077	0.00600842	2.10446	2.10446	0.368215	0.825671	-1.21114	0.446142	1.17463	1.17463
cg09941381	RTKN2	0.088637	0.523743	0.873242	-1.14516	0.878619	0.968451	-1.03258	0.37827	1.2088	1.2088	0.62231	1.10977	1.10977	0.275806	0.788355	-1.26846
cg24848870	NAV2;NAV2;NAV2	0.0886376	0.0965714	0.50585	-1.97687	0.0323794	0.392252	-2.54938	0.369774	0.708868	-1.4107	0.527053	0.787092	-1.2705	0.0383325	0.407952	-2.45127
cg25284841	ZNF565;ZNF146;ZNF146;ZNF565;ZNF146;ZNF146;ZNF146	0.0886378	0.0543117	0.59387	-1.68387	0.53678	0.861348	-1.16097	0.0835	1.57955	1.57955	0.813562	0.945184	-1.05799	0.718286	1.0903	1.0903
cg05946971	C22orf24;C22orf24;YWHAH	0.088639	0.19374	0.811257	-1.23266	0.232563	1.20976	1.20976	0.0133788	1.59363	1.59363	0.124948	0.776741	-1.28743	0.527079	0.90712	-1.10239
cg00806198	C17orf28	0.0886405	0.261998	0.741695	-1.34826	0.797489	1.0679	1.0679	0.741866	1.08811	1.08811	0.00445735	0.379412	-2.63566	0.193495	0.703616	-1.42123
cg02052762	ANKFY1	0.088642	0.532547	1.1294	1.1294	0.0430586	1.56536	1.56536	0.11903	1.38498	1.38498	0.113267	0.717655	-1.39343	0.0733718	1.46863	1.46863
cg15703886	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0886427	0.292522	1.20871	1.20871	0.34334	0.844133	-1.18465	0.0855091	0.718969	-1.39088	0.516011	1.1211	1.1211	0.275326	0.821196	-1.21774
cg24020549	SPDYC	0.0886431	0.958798	0.982175	-1.01815	0.30268	1.45021	1.45021	0.154296	0.588086	-1.70043	0.710232	1.13875	1.13875	0.0213312	0.38167	-2.62006
cg04870010	IMP4;CCDC115	0.0886453	0.761061	0.955431	-1.04665	0.00557012	1.72343	1.72343	0.0201683	1.52025	1.52025	0.301881	1.17338	1.17338	0.786741	0.960273	-1.04137
cg15198788	SERINC2	0.088646	0.550571	0.889559	-1.12415	0.0269999	1.66105	1.66105	0.0105763	1.86476	1.86476	0.815936	1.04622	1.04622	0.834678	0.960311	-1.04133
cg02491696	KDM5A;KDM5A;KDM5A;CCDC77;CCDC77;KDM5A	0.088646	0.0804348	1.42868	1.42868	0.478951	1.14159	1.14159	0.102126	1.38978	1.38978	0.788611	0.951762	-1.05068	0.0713755	1.44843	1.44843
cg09608412	PTPRN2;PTPRN2;PTPRN2	0.0886463	0.305895	0.729735	-1.37036	0.782349	0.92099	-1.08579	0.251785	0.700593	-1.42736	0.425962	0.78536	-1.2733	0.00400915	0.316897	-3.1556
cg26116980	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0886473	0.10241	0.624415	-1.6015	0.0318779	1.93994	1.93994	0.173138	1.46512	1.46512	0.856158	1.04897	1.04897	0.273012	1.35067	1.35067
cg06208834	SDCCAG8;AKT3	0.0886481	0.538732	0.917211	-1.09026	0.614734	1.07301	1.07301	0.095351	0.775372	-1.2897	0.639986	1.06759	1.06759	0.00497082	0.596718	-1.67583
cg07788369	DLX6AS	0.0886495	0.204572	2.78284	2.78284	0.435046	1.8384	1.8384	0.153237	3.21958	3.21958	0.885632	0.895806	-1.11631	0.0255259	7.60591	7.60591
cg16221841	ANGEL1	0.088651	0.969749	1.00834	1.00834	0.27483	1.2825	1.2825	0.24566	1.30462	1.30462	0.215346	1.33055	1.33055	0.00729809	0.46876	-2.13329
cg12651154	ITPR2	0.0886511	0.44646	0.797941	-1.25322	0.100556	0.592603	-1.68747	0.0215108	0.44789	-2.23269	0.855227	0.948262	-1.05456	0.371221	0.765625	-1.30612
cg01070065	FAM167B	0.0886541	0.256171	2.08872	2.08872	0.276734	2.01984	2.01984	0.182395	2.40947	2.40947	0.814166	0.863879	-1.15757	0.279104	0.496941	-2.01231
cg11844079	PIGM	0.0886552	0.335902	0.891965	-1.12112	0.390881	0.903667	-1.1066	0.118327	0.82253	-1.21576	0.0587527	0.781941	-1.27887	0.282106	1.13745	1.13745
cg00894041	PRDM16;PRDM16	0.0886636	0.436532	0.721415	-1.38616	0.0313645	2.82574	2.82574	0.0361578	2.7246	2.7246	0.473261	1.34997	1.34997	0.0585071	0.415061	-2.40929
cg14211310	COL28A1	0.0886639	0.0563065	0.150754	-6.63331	0.0169046	0.0780011	-12.8203	0.0529092	0.145738	-6.86163	0.395772	0.467034	-2.14117	0.0505764	0.142209	-7.0319
cg18628962	FAM90A1	0.0886643	0.0131894	0.436781	-2.28948	0.51817	1.19315	1.19315	0.59381	0.864924	-1.15617	0.947329	0.982348	-1.01797	0.415148	0.798889	-1.25174
cg04462209	KLHL12	0.0886653	0.187848	0.817371	-1.22343	0.610837	1.07697	1.07697	0.119212	1.27676	1.27676	0.888379	0.979912	-1.0205	0.0600368	1.35871	1.35871
cg13254584	CCDC60	0.088666	0.817754	1.09853	1.09853	0.00492261	0.204461	-4.8909	0.312275	0.652035	-1.53366	0.642575	1.20977	1.20977	0.629893	0.820489	-1.21879
cg12878260	CXXC5	0.088666	0.830768	0.966422	-1.03475	0.041266	1.45603	1.45603	0.0589294	1.40551	1.40551	0.802525	1.0408	1.0408	0.46033	1.12745	1.12745
cg05052324	PAX7;PAX7;PAX7	0.0886663	0.72639	0.866142	-1.15455	0.472623	0.741694	-1.34826	0.940368	0.96986	-1.03108	0.457863	1.36238	1.36238	0.251896	0.612868	-1.63167
cg02343379	NLRC3	0.0886668	0.00640821	0.324899	-3.07788	0.523248	0.814588	-1.22761	0.0261522	0.433265	-2.30806	0.574229	1.19715	1.19715	0.252627	0.6847	-1.46049
cg12690333	C1orf103;C1orf103	0.0886668	0.429006	0.851724	-1.17409	0.0738837	0.673001	-1.48588	0.031926	0.606695	-1.64827	0.72859	0.933097	-1.0717	0.761818	0.941362	-1.06229
cg11855022	PLSCR4;PLSCR4;PLSCR4;PLSCR4	0.0886684	0.0226268	0.368113	-2.71656	0.190727	0.608173	-1.64427	0.360265	0.714595	-1.39939	0.165536	1.7014	1.7014	0.831434	0.926951	-1.07881
cg26232005	SMOX;SMOX;SMOX;SMOX	0.0886688	0.167626	0.743712	-1.34461	0.384008	1.19686	1.19686	0.490491	1.15143	1.15143	0.255527	1.26994	1.26994	0.00375065	2.19847	2.19847
cg03785281	FOXO1	0.08867	0.0771655	0.606882	-1.64777	0.0982931	1.58539	1.58539	0.454536	1.21362	1.21362	0.764252	1.07944	1.07944	0.293134	1.31939	1.31939
cg25015260	FAF2	0.0886701	0.565547	0.834556	-1.19824	0.076537	1.84672	1.84672	0.500043	0.808038	-1.23756	0.108478	1.72484	1.72484	0.717553	0.893059	-1.11975
cg10054641	TMEM71;TMEM71	0.0886718	0.026363	0.148052	-6.75438	0.892764	1.10277	1.10277	0.33442	0.485751	-2.05867	0.0131538	0.107532	-9.29952	0.0968115	0.266578	-3.75124
cg08083041	KIAA1199	0.0886734	0.923419	1.02423	1.02423	0.802274	1.06446	1.06446	0.394111	1.24275	1.24275	0.226401	0.728885	-1.37196	0.668813	0.898399	-1.11309
cg03926640	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0886788	0.134397	0.615647	-1.62431	0.12144	0.60375	-1.65631	0.325011	1.3572	1.3572	0.871834	1.04972	1.04972	0.00721902	0.352786	-2.83458
cg08075329	PPPDE2;XRCC6	0.0886811	0.247293	0.650163	-1.53808	0.0408079	2.31723	2.31723	0.0507424	2.20828	2.20828	0.315165	0.690975	-1.44723	0.166211	0.591296	-1.6912
cg10460813	KLHDC4	0.0886811	0.722618	1.05329	1.05329	0.126119	0.785774	-1.27263	0.066621	0.741107	-1.34933	0.787071	1.04023	1.04023	0.257168	0.841749	-1.188
cg17525406	AJAP1;AJAP1	0.0886811	0.342407	1.13169	1.13169	0.784968	1.03519	1.03519	0.0126033	1.48039	1.48039	0.648455	0.943603	-1.05977	0.742202	1.04263	1.04263
cg03975922	ZMAT2	0.0886815	0.0528067	0.48901	-2.04495	0.0230509	0.413415	-2.41887	0.402016	0.75673	-1.32148	0.916751	0.96659	-1.03456	0.0362372	0.453211	-2.20648
cg25201707	CNST;CNST	0.0886825	0.367695	1.41535	1.41535	0.00713116	3.68638	3.68638	0.0325899	2.55735	2.55735	0.908459	0.957737	-1.04413	0.750528	1.12722	1.12722
cg08983215	PKD1;MIR1225;PKD1	0.0886825	0.23989	1.62963	1.62963	0.0132372	3.38197	3.38197	0.00530405	4.29799	4.29799	0.280129	1.56133	1.56133	0.813645	1.09824	1.09824
cg26059287	PTPRN2;PTPRN2;PTPRN2	0.0886852	0.0422868	0.363988	-2.74734	0.106991	0.467544	-2.13884	0.32224	1.55551	1.55551	0.733629	0.862792	-1.15903	0.0217224	0.304093	-3.28847
cg13492671	MTAP	0.0886892	0.668705	0.870159	-1.14921	0.132355	0.591746	-1.68992	0.190827	0.639213	-1.56442	0.274132	0.692363	-1.44433	0.0178933	0.394646	-2.53392
cg21500799	LY6H;LY6H;LY6H	0.0886907	0.616355	1.13536	1.13536	0.0142584	2.13754	2.13754	0.113678	1.5412	1.5412	0.643509	0.889474	-1.12426	0.410911	0.809513	-1.23531
cg23208271	ELMO1	0.0886922	0.52575	0.684043	-1.4619	0.00192787	0.0748426	-13.3614	0.112321	0.36022	-2.77608	0.663366	0.772081	-1.2952	0.340511	0.559819	-1.78629
cg11046393	NOTCH2NL	0.0886925	0.456934	1.10539	1.10539	0.910703	0.985272	-1.01495	0.33258	1.14133	1.14133	0.726824	0.954673	-1.04748	0.0278195	1.41038	1.41038
cg07804963	ATF6	0.0886946	0.00719696	0.5004	-1.9984	0.268867	0.794674	-1.25838	0.0363067	0.615237	-1.62539	0.337671	1.21807	1.21807	0.650585	1.09527	1.09527
cg14825593	STK24	0.0886947	0.97189	0.988577	-1.01156	0.143337	1.66992	1.66992	0.306605	0.708138	-1.41215	0.221682	1.52016	1.52016	0.0588158	0.49864	-2.00546
cg10519437	CFL2;CFL2;CFL2;CFL2	0.088698	0.809055	1.1391	1.1391	0.019413	4.57402	4.57402	0.0513266	3.29907	3.29907	0.130789	2.40552	2.40552	0.738359	0.834984	-1.19763
cg15609812	PREX1	0.088699	0.962172	1.00508	1.00508	0.0137063	1.38507	1.38507	0.00890047	1.42721	1.42721	0.440108	1.08779	1.08779	0.597754	0.944683	-1.05856
cg07805221	ZNF556;ZNF556	0.0887061	0.0300931	0.332363	-3.00876	0.987024	0.993002	-1.00705	0.917192	1.04593	1.04593	0.105071	0.465426	-2.14857	0.0110345	0.252414	-3.96175
cg16765487	ANKRD11	0.0887077	0.874222	0.922422	-1.0841	0.852357	0.9094	-1.09963	0.010495	5.16403	5.16403	0.211942	1.95474	1.95474	0.146439	0.451763	-2.21355
cg15658376	HNRNPAB;HNRNPAB;HNRNPAB;HNRNPAB	0.0887085	0.229555	0.623321	-1.60431	0.502639	0.77486	-1.29056	0.85212	0.932424	-1.07247	0.810597	1.09419	1.09419	0.0029222	0.215897	-4.63184
cg10101470	LRRC8D;LRRC8D;LRRC8D	0.088709	0.0477735	0.526063	-1.90091	0.321923	0.747964	-1.33696	0.592153	0.857726	-1.16587	0.0466267	0.523815	-1.90907	0.353807	0.762812	-1.31094
cg23042387	DIP2C	0.0887099	0.242044	0.891895	-1.12121	0.720271	0.96696	-1.03417	0.0392282	1.24971	1.24971	0.154788	0.867374	-1.1529	0.0990001	0.844514	-1.18411
cg23174481	C19orf45;C19orf45	0.0887134	0.057606	0.703322	-1.42182	0.0920346	1.35527	1.35527	0.161706	1.27754	1.27754	0.823221	0.963988	-1.03736	0.315575	0.843589	-1.18541
cg08394278	DOK3;DOK3;DOK3	0.0887143	0.0167633	0.202618	-4.9354	0.147237	0.427194	-2.34086	0.0278777	0.241455	-4.14156	0.405602	0.627946	-1.59249	0.0931221	0.364158	-2.74606
cg24714497	ELAVL3;ELAVL3	0.0887174	0.586144	1.1959	1.1959	0.074981	1.90657	1.90657	0.0299151	2.29632	2.29632	0.0335703	2.24322	2.24322	0.491952	0.796815	-1.255
cg07414492	ADAM33;ADAM33	0.0887187	0.075534	0.512729	-1.95035	0.0230231	0.399339	-2.50414	0.302276	0.697097	-1.43452	0.535359	0.809006	-1.23608	0.0347781	0.435682	-2.29525
cg11707035	HDAC4	0.0887211	0.536134	1.51235	1.51235	0.0120011	7.9176	7.9176	0.023926	5.92448	5.92448	0.634144	1.3724	1.3724	0.0719164	0.265398	-3.76793
cg03074317	C15orf61	0.0887221	0.121385	0.682017	-1.46624	0.846391	0.956765	-1.04519	0.719857	1.08553	1.08553	0.445699	0.837657	-1.19381	0.021215	0.531921	-1.87998
cg07095091	DLEU7	0.0887231	0.114685	0.723324	-1.38251	0.394017	0.848034	-1.1792	0.0243813	0.602615	-1.65944	0.0845206	0.697504	-1.43368	0.00717938	0.519302	-1.92566
cg16861959	ROBO1	0.0887237	0.224797	0.822626	-1.21562	0.664182	1.06918	1.06918	0.00896655	0.601112	-1.66358	0.18568	0.806618	-1.23974	0.0629877	0.725929	-1.37754
cg23927124	CD79B;CD79B;CD79B	0.088724	0.713917	0.935898	-1.06849	0.0470399	0.664339	-1.50525	0.00568307	0.52064	-1.92071	0.507213	0.88598	-1.12869	0.476953	0.877996	-1.13896
cg00222341	BNC1	0.0887285	0.0144518	0.42425	-2.3571	0.166567	0.657317	-1.52134	0.443252	0.800609	-1.24905	0.178903	0.666164	-1.50113	0.0861504	0.583096	-1.71498
cg10468535	PTPRN2;PTPRN2;PTPRN2	0.0887296	0.508806	0.648951	-1.54095	0.205252	0.422233	-2.36836	0.138121	0.357006	-2.80107	0.226462	2.26894	2.26894	0.00385437	0.0810971	-12.3309
cg07362130	BTBD9;BTBD9;BTBD9	0.0887298	0.0375351	0.252914	-3.95392	0.0124831	0.170225	-5.87457	0.122391	0.385317	-2.59526	0.659198	0.776599	-1.28767	0.0141953	0.178434	-5.6043
cg06048662	SLC6A19	0.0887306	0.887748	1.07139	1.07139	0.362733	0.63335	-1.57891	0.197281	0.51403	-1.94541	0.00383485	0.149133	-6.70542	0.980274	1.01214	1.01214
cg26821542	C16orf68	0.0887335	0.256695	1.36824	1.36824	0.427597	1.23925	1.23925	0.104821	1.59911	1.59911	0.221819	1.40505	1.40505	0.037186	0.526955	-1.89769
cg11468363	AFF1	0.088739	0.038137	0.454099	-2.20216	0.140322	1.68388	1.68388	0.142273	0.595609	-1.67896	0.147171	0.599907	-1.66693	0.184685	0.629934	-1.58747
cg27498211	C16orf5	0.0887398	0.100987	0.71931	-1.39022	0.364328	0.842831	-1.18648	0.488698	0.878955	-1.13771	0.294642	0.819246	-1.22063	0.0052204	0.508661	-1.96594
cg07702509	SNORA39;SNORA60;SNHG11	0.0887403	0.00982535	0.122962	-8.13258	0.149585	0.370761	-2.69715	0.105937	0.321735	-3.10815	0.33614	0.528936	-1.89059	0.0422127	0.222499	-4.49441
cg26748425	FAM21C;FAM21C;FAM21C;FAM21C;FAM21C;FAM21C	0.0887408	0.0186249	0.447235	-2.23596	0.282283	0.729648	-1.37052	0.293445	0.73533	-1.35993	0.0172011	0.440912	-2.26803	0.130884	0.631185	-1.58432
cg14798641	USP4;USP4;C3orf62	0.0887425	0.189603	0.609124	-1.6417	0.264181	1.51473	1.51473	0.0985011	1.90875	1.90875	0.421461	1.34044	1.34044	0.0557918	0.461557	-2.16658
cg04583339	RPL3;SNORD83B;RPL3	0.0887446	0.388734	0.663281	-1.50766	0.0593867	0.371896	-2.68892	0.951758	0.972272	-1.02852	0.237367	0.562519	-1.77772	0.0278156	0.298663	-3.34825
cg06850651	KCNQ1;KCNQ1	0.0887447	0.537397	1.17735	1.17735	0.0681204	1.70585	1.70585	0.774838	1.07786	1.07786	0.304675	0.757373	-1.32035	0.0152113	0.45868	-2.18017
cg23586394	RPL26	0.0887452	0.968152	1.00674	1.00674	0.895908	0.978219	-1.02227	0.331929	0.845011	-1.18342	0.470508	1.13146	1.13146	0.646737	0.925303	-1.08073
cg24624349	KIAA1949;KIAA1949;KIAA1949	0.0887469	0.616375	1.25591	1.25591	0.204594	0.546701	-1.82915	0.0215286	0.287817	-3.47443	0.839828	1.09559	1.09559	0.159261	0.507341	-1.97106
cg12019990	SRGAP3;SRGAP3	0.0887487	0.397455	1.16088	1.16088	0.0221789	1.60342	1.60342	0.408309	1.15676	1.15676	0.471814	1.1343	1.1343	0.0838566	0.719366	-1.39011
cg01751802	KANK2	0.0887505	0.0393537	0.359891	-2.77862	0.4997	0.745476	-1.34143	0.02588	0.321735	-3.10815	0.514137	0.753041	-1.32795	0.0417763	0.365664	-2.73475
cg23886515	HPCAL1;HPCAL1	0.0887506	0.167652	0.805334	-1.24172	0.791732	1.03973	1.03973	0.131814	0.787056	-1.27056	0.0198807	0.661116	-1.51259	0.0687747	0.740932	-1.34965
cg10718938	DLGAP2	0.088751	0.0988216	0.337604	-2.96205	0.00629542	0.118228	-8.45821	0.0312646	0.219545	-4.55488	0.475141	0.64679	-1.5461	0.0780972	0.308968	-3.23658
cg01383268	SLC39A11;SLC39A11	0.0887514	0.0294713	0.699097	-1.43042	0.439428	0.895748	-1.11639	0.464977	0.901383	-1.10941	0.56337	0.921673	-1.08498	0.0808996	0.763203	-1.31027
cg01250960	C16orf74	0.088752	0.220298	0.805464	-1.24152	0.0224328	1.58267	1.58267	0.0564771	0.695938	-1.43691	0.89293	1.02286	1.02286	0.856666	1.03082	1.03082
cg10293297	ITFG3	0.0887524	0.183752	0.417829	-2.39332	0.705375	1.26496	1.26496	0.0316481	0.210335	-4.75431	0.881765	0.912016	-1.09647	0.00415361	0.0927799	-10.7782
cg07198552	CDH4	0.0887539	0.969123	1.00492	1.00492	0.249039	0.858334	-1.16505	0.0464383	0.748858	-1.33537	0.260576	0.861759	-1.16042	0.271171	1.15633	1.15633
cg01178703	MFN2;MFN2	0.0887566	0.0560563	1.78063	1.78063	0.0360485	1.91571	1.91571	0.021858	2.08242	2.08242	0.0662897	1.73181	1.73181	0.157375	1.4965	1.4965
cg26930253	GHITM	0.0887577	0.0333497	0.438225	-2.28193	0.0166696	0.379195	-2.63717	0.167152	0.613503	-1.62998	0.374728	1.35292	1.35292	0.217497	1.53792	1.53792
cg17611446	POFUT2;POFUT2;POFUT2	0.088758	0.24457	0.799787	-1.25033	0.0272836	0.61916	-1.61509	0.26408	0.807636	-1.23818	0.00777301	0.534046	-1.8725	0.0616137	0.679513	-1.47164
cg06768010	LOC151534;LBX2	0.0887586	0.45584	0.711748	-1.40499	0.631937	0.805685	-1.24118	0.0687376	0.401695	-2.48945	0.525907	1.33341	1.33341	0.167339	0.517381	-1.93281
cg05376524	CDK17	0.08876	0.122621	0.663122	-1.50802	0.837703	1.05165	1.05165	0.141872	0.678543	-1.47375	0.64231	1.12172	1.12172	0.00728863	0.427507	-2.33914
cg14966346	KLC1;KLC1;KLC1	0.0887615	0.981143	0.98186	-1.01848	0.0142625	10.3925	10.3925	0.00586067	16.3407	16.3407	0.85955	1.14704	1.14704	0.915595	0.921166	-1.08558
cg12464869	RAG1AP1;RAG1AP1;RAG1AP1	0.0887639	0.755317	1.07753	1.07753	0.612049	0.884911	-1.13006	0.382181	1.23963	1.23963	0.0304803	1.86432	1.86432	0.244257	0.746108	-1.34029
cg27614120	HRNBP3	0.0887657	0.669569	0.900132	-1.11095	0.47712	1.19384	1.19384	0.0713218	0.61038	-1.63832	0.875345	1.03923	1.03923	0.00316605	0.372251	-2.68636
cg00821604	FARP1	0.0887696	0.635395	0.87908	-1.13755	0.0143118	2.25906	2.25906	0.18306	1.46404	1.46404	0.839481	1.05625	1.05625	0.0207745	0.471884	-2.11916
cg10880928	C9orf86;C9orf86	0.0887697	0.0417473	5.85747	5.85747	0.0478721	5.49418	5.49418	0.0257782	7.34558	7.34558	0.055323	5.13477	5.13477	0.102513	3.84064	3.84064
cg12135573	VGF	0.0887699	0.867434	1.05778	1.05778	0.738862	0.893601	-1.11907	0.473989	0.782818	-1.27744	0.248522	1.50021	1.50021	0.904379	1.04124	1.04124
cg24415082	RFWD3	0.088771	0.027117	1.59086	1.59086	0.0611308	1.45428	1.45428	0.304458	1.20774	1.20774	0.423438	1.15616	1.15616	0.038925	1.52848	1.52848
cg15241390	ORMDL1;ORMDL1;PMS1;PMS1;PMS1	0.0887715	0.931788	0.985775	-1.01443	0.0346307	0.662164	-1.5102	0.426883	1.14541	1.14541	0.0102976	1.71782	1.71782	0.426408	0.872919	-1.14558
cg04305672	TXNDC12	0.0887727	0.834492	1.03886	1.03886	0.213655	0.787709	-1.2695	0.0497145	0.665011	-1.50373	0.826764	0.960845	-1.04075	0.0357046	0.640548	-1.56116
cg10862612	ZNF487	0.0887727	0.115418	0.626915	-1.59511	0.529498	0.840475	-1.1898	0.045818	0.535486	-1.86746	0.521771	0.837654	-1.19381	0.00460529	0.357433	-2.79773
cg05103064	SFMBT2	0.0887733	0.0370965	0.346433	-2.88656	0.0140506	0.265028	-3.77318	0.0112759	0.249058	-4.01513	0.280056	0.611538	-1.63522	0.274513	0.60778	-1.64533
cg08818632	OTOP3	0.0887747	0.417096	1.46564	1.46564	0.368432	0.653209	-1.5309	0.0495423	0.355952	-2.80937	0.379375	1.51545	1.51545	0.885418	1.06873	1.06873
cg15611176	PLA2G1B	0.088776	0.0305823	0.716456	-1.39576	0.0242696	0.70298	-1.42252	0.174933	1.20845	1.20845	0.633616	0.938927	-1.06505	0.962743	1.00615	1.00615
cg15878616	SUMO1P1	0.088776	0.816716	1.07617	1.07617	0.785231	1.09021	1.09021	0.185349	0.641388	-1.55912	0.38211	0.753189	-1.32769	0.855088	1.05951	1.05951
cg20594401	SDC2	0.0887783	0.267852	0.610036	-1.63925	0.399491	0.691192	-1.44678	0.00954169	4.07855	4.07855	0.678825	1.19518	1.19518	0.161344	0.527025	-1.89744
cg12026956	TNPO1	0.0887794	0.667914	0.937374	-1.06681	0.464466	0.894433	-1.11803	0.550288	1.09479	1.09479	0.836371	1.03148	1.03148	0.333472	1.16124	1.16124
cg01174743	ZDHHC14;ZDHHC14	0.0887815	0.721408	0.904065	-1.10611	0.456811	1.23795	1.23795	0.0565314	0.54439	-1.83692	0.0722575	0.568323	-1.75956	0.486075	1.22063	1.22063
cg13932794	HHIPL1;HHIPL1	0.0887839	0.0252815	8.43585	8.43585	0.908334	0.91179	-1.09674	0.0559617	5.67367	5.67367	0.603866	0.657273	-1.52144	0.18247	0.321628	-3.10918
cg25569491	MAGEB1;MAGEB1;MAGEB1	0.0887853	0.248495	1.93746	1.93746	0.181213	0.45922	-2.1776	0.051328	0.296277	-3.37522	0.94878	1.03585	1.03585	0.040577	0.273492	-3.65641
cg27001893	POLR3D	0.0887858	0.13011	0.425268	-2.35146	0.0797402	0.361708	-2.76466	0.105532	0.396625	-2.52128	0.169488	0.46516	-2.1498	0.0162443	0.21499	-4.65138
cg16077929	CDKL1	0.088786	0.0186816	0.144358	-6.92722	0.984338	0.98676	-1.01342	0.439712	0.585628	-1.70757	0.614125	0.70808	-1.41227	0.0465618	0.212755	-4.70025
cg22007633	TBCD	0.0887888	0.0411225	1.86225	1.86225	0.206328	1.42151	1.42151	0.875208	1.04234	1.04234	0.0680104	0.583158	-1.7148	0.72278	1.09855	1.09855
cg05629195	ABCF3	0.0887889	0.961459	1.01869	1.01869	0.66751	1.18007	1.18007	0.913533	1.04249	1.04249	0.0527379	2.32488	2.32488	0.0175797	0.330572	-3.02506
cg00552226	TIA1;TIA1	0.0887889	0.00945307	0.656631	-1.52292	0.121316	1.23965	1.23965	0.360386	1.12779	1.12779	0.0857177	1.27494	1.27494	0.779559	0.96475	-1.03654
cg01719718	MIR548F5;DCLK1	0.0887896	0.500409	0.805368	-1.24167	0.208481	1.52139	1.52139	0.824073	1.073	1.073	0.25711	0.687776	-1.45396	0.385799	1.32494	1.32494
cg19932343	RCE1;C11orf80;RCE1	0.0887926	0.935158	0.934185	-1.07045	0.355607	2.22216	2.22216	0.0716772	0.180516	-5.53967	0.00446496	0.0359534	-27.8138	0.55548	0.606651	-1.64839
cg04172395	NTM;NTM;NTM;NTM	0.0887929	0.664615	0.831328	-1.20289	0.0208565	3.24681	3.24681	0.0286951	2.98275	2.98275	0.193353	1.79122	1.79122	0.0611444	0.409184	-2.44389
cg25352650	RRS1	0.0887932	0.433681	1.08546	1.08546	0.29107	1.11903	1.11903	0.143434	1.17514	1.17514	0.0106669	1.39028	1.39028	0.069664	1.23153	1.23153
cg17184477	SMAD3	0.0887948	0.0581493	0.332908	-3.00383	0.0169931	0.224231	-4.45968	0.0434013	0.303249	-3.29762	0.333639	0.599157	-1.66901	0.0640108	0.343278	-2.91309
cg01915516	TP73	0.0887949	0.0556333	67.4652	67.4652	0.416444	4.88759	4.88759	0.438434	4.52435	4.52435	0.338599	6.59968	6.59968	0.289092	0.12155	-8.22704
cg12362517	IGSF9B	0.088795	0.632325	1.07452	1.07452	0.00649261	1.69466	1.69466	0.0961131	1.31317	1.31317	0.665035	1.0671	1.0671	0.282149	0.846508	-1.18132
cg16445423	TMEM131	0.088808	0.0984998	0.520605	-1.92084	0.794309	0.910162	-1.09871	0.837394	0.92864	-1.07684	0.81274	1.08926	1.08926	0.00524228	0.265367	-3.76837
cg16782602	RHEB	0.0888088	0.894944	0.968508	-1.03252	0.167286	0.70009	-1.42839	0.220438	0.73196	-1.36619	0.859931	1.04371	1.04371	0.38474	1.24091	1.24091
cg17379345	OR52J3	0.0888137	0.753547	0.804151	-1.24355	0.905956	1.08523	1.08523	0.0874073	0.270927	-3.69104	0.0484875	0.210144	-4.75865	0.759258	1.23704	1.23704
cg09386615	GLIS3;GLIS3	0.088815	0.909107	1.05075	1.05075	0.411114	0.694689	-1.43949	0.277079	0.612646	-1.63226	0.348389	1.5196	1.5196	0.00292201	0.169963	-5.88364
cg04722756	DENND4B	0.0888154	0.543742	0.831092	-1.20324	0.337551	1.34669	1.34669	0.502398	0.814701	-1.22744	0.00903286	2.71594	2.71594	0.38145	0.763188	-1.31029
cg20443028	MTRF1L;MTRF1L	0.0888162	0.420459	0.856233	-1.16791	0.200614	1.29036	1.29036	0.0489282	1.52809	1.52809	0.577581	0.899339	-1.11193	0.749491	1.06228	1.06228
cg01632311	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;FTSJ2;NUDT1;NUDT1	0.0888175	0.309471	1.8067	1.8067	0.539795	1.41612	1.41612	0.298033	1.83463	1.83463	0.0949296	0.352795	-2.83451	0.869908	1.09605	1.09605
cg08955462	STAU2;STAU2;STAU2;STAU2	0.0888191	0.717756	1.06907	1.06907	0.0338894	1.57727	1.57727	0.455252	0.869421	-1.15019	0.522535	1.12664	1.12664	0.0329215	1.58252	1.58252
cg04501571	CBFB;CBFB	0.0888194	0.154451	0.514005	-1.94551	0.0423791	0.360336	-2.77519	0.032686	0.335794	-2.97801	0.887284	1.06388	1.06388	0.0988832	0.453826	-2.20349
cg27529848	GNB5;GNB5	0.0888223	0.968209	0.991921	-1.00814	0.387946	1.19734	1.19734	0.00520683	2.11786	2.11786	0.443799	1.17222	1.17222	0.753521	0.937901	-1.06621

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20612286	0.865643	1.08038	1.08038	0.685662	1.20415	1.20415	0.353481	1.5463	1.5463	0.760745	0.869848	-1.14963	2.69624	8.90103	2.93446	1
cg13419390	0.445725	1.42734	1.42734	0.013296	0.245575	-4.07208	0.180048	1.9188	1.9188	0.987413	1.00725	1.00725	2.69622	8.9473	2.94975	1
cg11718315	0.130196	1.40323	1.40323	0.132334	1.40019	1.40019	0.596752	1.11702	1.11702	0.818225	0.953407	-1.04887	2.69622	1.83431	0.604736	1
cg09941381	0.274119	1.26961	1.26961	0.00293535	0.424438	-2.35606	0.590884	0.892407	-1.12056	0.681624	1.09038	1.09038	2.69621	1.87898	0.619464	1
cg24848870	0.071602	0.471646	-2.12024	0.394674	0.722042	-1.38496	0.543123	0.794582	-1.25852	0.00806627	0.281491	-3.55252	2.69621	5.95916	1.96462	1
cg25284841	0.289388	1.30008	1.30008	0.0133389	0.481179	-2.07823	0.963978	0.989281	-1.01084	0.318972	1.27861	1.27861	2.6962	2.43162	0.801661	1
cg05946971	0.850497	0.971705	-1.02912	0.0619805	0.726376	-1.3767	0.886671	0.978542	-1.02193	0.560712	0.914401	-1.09361	2.69619	0.988071	0.325751	1
cg00806198	0.146065	0.671213	-1.48984	0.293105	0.756814	-1.32133	0.184316	0.697834	-1.43301	0.0463936	0.558282	-1.79121	2.69617	2.78714	0.918879	1
cg02052762	0.168186	0.753743	-1.32671	0.45977	0.865121	-1.15591	0.113244	1.39346	1.39346	0.736901	0.937154	-1.06706	2.69615	1.58233	0.521676	1
cg15703886	0.785149	0.953675	-1.04858	0.00415151	0.513267	-1.9483	0.414265	0.86514	-1.15588	0.253054	0.812849	-1.23024	2.69614	1.28655	0.424161	1
cg24020549	0.143375	0.578423	-1.72884	0.0292548	2.44539	2.44539	0.823447	1.0809	1.0809	0.644033	1.17585	1.17585	2.69614	5.17547	1.7063	1
cg04870010	0.886676	1.02155	1.02155	0.635007	1.0741	1.0741	0.121325	1.28544	1.28544	0.743901	1.05023	1.05023	2.69611	0.954224	0.314601	1
cg15198788	0.30912	0.815486	-1.22626	0.477878	1.15008	1.15008	0.855772	0.965357	-1.03589	0.0841227	1.4482	1.4482	2.6961	1.60345	0.528648	1
cg02491696	0.829596	1.04045	1.04045	0.0192622	0.594009	-1.68348	0.431498	0.862685	-1.15917	0.50895	0.884028	-1.13119	2.6961	1.44529	0.476504	1
cg09608412	0.946792	0.98036	-1.02003	0.461996	1.24925	1.24925	0.541846	1.20145	1.20145	0.0496042	0.513891	-1.94594	2.6961	3.7718	1.24354	1
cg26116980	0.087608	0.608453	-1.64351	0.199137	0.69943	-1.42973	0.17135	0.68131	-1.46776	0.662852	0.890841	-1.12254	2.69608	2.96456	0.977404	1
cg06208834	0.353198	1.14183	1.14183	0.982705	1.00301	1.00301	0.604047	1.07534	1.07534	0.117336	0.789641	-1.2664	2.69607	0.823163	0.271395	1
cg07788369	0.976391	0.97763	-1.02288	0.653899	0.708199	-1.41203	0.00747536	13.914	13.914	0.0985518	3.99475	3.99475	2.69605	24.9581	8.22867	1
cg16221841	0.291578	0.786899	-1.27081	0.105211	0.678637	-1.47354	0.867678	1.03719	1.03719	0.67032	0.910485	-1.09832	2.69604	2.04775	0.675148	1
cg12651154	0.262293	1.40492	1.40492	0.0291286	2.11253	2.11253	0.335052	0.74889	-1.33531	0.745529	0.909628	-1.09935	2.69603	3.61259	1.19108	1
cg01070065	0.223435	2.21418	2.21418	0.0237303	5.3526	5.3526	0.0147477	6.45542	6.45542	0.085764	3.25447	3.25447	2.696	16.4885	5.43638	1
cg11844079	0.593921	1.06397	1.06397	0.11505	0.820837	-1.21827	0.141886	1.19956	1.19956	0.0581312	1.27984	1.27984	2.69598	0.56683	0.186889	1
cg00894041	0.183438	1.78716	1.78716	0.293608	1.56545	1.56545	0.551646	0.780547	-1.28115	0.466709	1.35621	1.35621	2.69587	7.22598	2.38257	1
cg14211310	0.160122	0.268789	-3.7204	0.0337628	0.11414	-8.7612	0.105786	0.212941	-4.69613	0.114667	0.222691	-4.49053	2.69587	32.7232	10.7896	1
cg18628962	0.0461772	0.540197	-1.85118	0.510073	1.19737	1.19737	0.0193686	0.466615	-2.1431	0.788428	0.93006	-1.0752	2.69587	3.10271	1.02303	1
cg04462209	0.354214	0.871338	-1.14766	0.012579	0.638644	-1.56582	0.695874	1.05841	1.05841	0.628107	1.07308	1.07308	2.69585	0.891453	0.293934	1
cg13254584	0.238569	0.602897	-1.65866	0.0433882	0.380354	-2.62913	0.220482	0.589568	-1.69616	0.499103	1.32301	1.32301	2.87781	7.39173	1.99774	1
cg12878260	0.478125	0.891287	-1.12197	0.0166355	0.627093	-1.59466	0.491335	0.894447	-1.11801	0.656012	0.930954	-1.07417	2.69584	1.08739	0.358539	1
cg05052324	0.866835	1.07106	1.07106	0.00701795	0.240296	-4.16154	0.0366317	2.70016	2.70016	0.603814	0.807233	-1.2388	2.69584	7.14396	2.35555	1
cg02343379	0.504068	0.806615	-1.23975	0.487236	1.25074	1.25074	0.746418	1.10832	1.10832	0.221143	0.665187	-1.50334	2.69583	4.29007	1.41455	1
cg12690333	0.339679	0.822329	-1.21606	0.0254501	1.69537	1.69537	0.671569	0.918718	-1.08847	0.0864604	0.686285	-1.45712	2.69583	1.68708	0.556276	1
cg11855022	0.012843	0.320383	-3.12127	0.401728	1.35855	1.35855	0.775707	0.903328	-1.10702	0.679046	0.862299	-1.15969	2.87778	5.64739	1.52632	1
cg26232005	0.734797	1.07085	1.07085	0.313044	0.81052	-1.23378	0.535202	1.13476	1.13476	0.793285	0.948502	-1.05429	2.69581	1.73049	0.570593	1
cg03785281	0.693597	0.904262	-1.10587	0.0121085	0.451601	-2.21434	0.293235	0.757973	-1.31931	0.459632	1.21088	1.21088	2.69579	2.75782	0.909343	1
cg25015260	0.0938092	0.563438	-1.77482	0.459855	1.26401	1.26401	0.533922	1.2167	1.2167	0.0175277	0.40653	-2.45985	2.69579	4.13883	1.36471	1
cg10054641	0.092829	0.261514	-3.82389	0.0532356	0.203338	-4.91792	0.874394	1.12159	1.12159	0.195802	0.370743	-2.69729	2.69577	22.4611	7.40619	1
cg08083041	0.619856	1.13258	1.13258	0.00252851	2.83974	2.83974	0.984542	1.00484	1.00484	0.414128	0.812329	-1.23103	2.69575	2.64654	0.872662	1
cg03926640	0.0622087	0.532123	-1.87926	0.313015	0.730807	-1.36835	0.121597	0.6039	-1.6559	0.723276	0.89867	-1.11276	2.69568	3.85563	1.27138	1
cg08075329	0.472932	1.29668	1.29668	0.0672653	0.481979	-2.07478	0.48119	1.29023	1.29023	0.917322	0.963719	-1.03765	2.69565	5.4079	1.78325	1
cg10460813	0.826332	1.03253	1.03253	0.00908522	1.62079	1.62079	0.352063	0.869786	-1.14971	0.614214	0.928632	-1.07685	2.69565	0.906015	0.298758	1
cg17525406	0.950475	1.00789	1.00789	0.222238	0.850243	-1.17613	0.0766142	0.779515	-1.28285	0.071146	0.774972	-1.29037	2.69565	0.682847	0.225168	1
cg03975922	0.455555	0.781141	-1.28018	0.0183209	0.394385	-2.5356	0.0666452	0.512554	-1.95101	0.646731	0.860731	-1.1618	2.69565	4.50943	1.48698	1
cg25201707	0.440843	1.34324	1.34324	0.6681	1.17578	1.17578	0.316658	1.47497	1.47497	0.131436	0.542613	-1.84293	2.69563	6.01706	1.98413	1
cg08983215	0.31909	1.50473	1.50473	0.503285	1.30939	1.30939	0.249932	1.61146	1.61146	0.935622	0.96845	-1.03258	2.69563	6.72331	2.21702	1
cg26059287	0.141993	0.505548	-1.97805	0.0932151	0.450298	-2.22075	0.0700975	0.416895	-2.39869	0.10364	0.463494	-2.15753	2.6956	7.96962	2.62803	1
cg13492671	0.300341	0.706989	-1.41445	0.037023	2.18673	2.18673	0.6299	0.854819	-1.16984	0.127731	0.587402	-1.70241	2.69555	4.45607	1.46944	1
cg21500799	0.0746367	1.64721	1.64721	0.193232	0.707495	-1.41344	0.288049	1.31944	1.31944	0.0990268	1.57541	1.57541	2.69553	2.69642	0.889181	1
cg23208271	0.613567	0.740264	-1.35087	0.601189	0.732364	-1.36544	0.962707	1.028	1.028	0.59478	1.37311	1.37311	2.69551	14.8914	4.9107	1
cg11046393	0.787483	1.03638	1.03638	0.15924	0.819584	-1.22013	0.392394	1.12286	1.12286	0.00788352	1.56957	1.56957	2.69551	0.746727	0.246246	1
cg07804963	0.437652	1.17118	1.17118	0.260119	0.79102	-1.26419	0.370598	0.832357	-1.20141	0.697905	0.925107	-1.08096	2.69548	1.70041	0.560744	1
cg14825593	0.603656	1.18622	1.18622	0.010188	0.347695	-2.87608	0.368526	0.739966	-1.35141	0.675619	0.871781	-1.14708	2.69548	4.53855	1.49668	1
cg10519437	0.0253881	4.17657	4.17657	0.288607	1.80875	1.80875	0.219692	2.00231	2.00231	0.0382097	3.64098	3.64098	2.69544	12.3547	4.07427	1
cg15609812	0.759685	1.03333	1.03333	0.814011	0.975128	-1.02551	0.616558	0.947475	-1.05544	0.476417	0.925536	-1.08045	2.69542	0.487585	0.160795	1
cg07805221	0.145035	0.508735	-1.96566	0.200166	0.557448	-1.79389	0.208883	0.564377	-1.77186	0.0405915	0.360211	-2.77615	2.69533	7.96022	2.62519	1
cg16765487	0.89888	1.06695	1.06695	0.141958	0.447159	-2.23634	0.330645	1.6681	1.6681	0.146916	0.452248	-2.21118	2.69531	11.092	3.65805	1
cg15658376	0.768438	0.895213	-1.11705	0.596135	1.22206	1.22206	?	?	?	0.4323	1.35049	1.35049	2.72692	5.39657	1.979	1
cg10101470	0.630938	0.871648	-1.14725	0.0467359	1.90828	1.90828	0.146221	1.55685	1.55685	0.455933	1.24048	1.24048	2.69529	3.43812	1.13387	1
cg23042387	0.364857	0.916679	-1.09089	0.0756903	1.20289	1.20289	0.41138	0.924518	-1.08164	0.109962	0.849771	-1.17679	2.69528	0.372662	0.122902	1
cg23174481	0.876317	0.974793	-1.02586	0.0295537	0.657067	-1.52192	0.17475	1.26693	1.26693	0.417394	0.87298	-1.1455	2.69524	1.14688	0.378241	1
cg08394278	0.290642	0.548976	-1.82157	0.0535579	0.301523	-3.3165	0.750712	1.19041	1.19041	0.0490585	0.292671	-3.41681	2.69523	12.7653	4.21001	1
cg24714497	0.347529	1.36993	1.36993	0.332502	0.72229	-1.38449	0.66503	0.867827	-1.1523	0.0472727	2.09315	2.09315	2.69519	4.52036	1.49084	1
cg07414492	0.284305	0.686906	-1.4558	0.00973165	0.331509	-3.01651	0.132452	0.577996	-1.73011	0.30194	0.69691	-1.43491	2.69517	4.86649	1.60501	1
cg11707035	0.377606	1.81806	1.81806	0.432232	1.69762	1.69762	0.628508	1.37977	1.37977	0.853441	1.12987	1.12987	2.69514	18.6095	6.13764	1
cg03074317	0.140625	1.43504	1.43504	0.0233052	0.539141	-1.8548	0.324749	0.793155	-1.26079	0.436686	1.1982	1.1982	2.69513	2.21662	0.73107	1
cg07095091	0.551672	0.892527	-1.12041	0.263843	0.802597	-1.24596	0.770895	0.946363	-1.05668	0.0667219	0.678327	-1.47422	2.69511	1.52152	0.50182	1
cg16861959	0.730534	0.948432	-1.05437	0.298969	1.17922	1.17922	0.173498	0.8011	-1.24828	0.0770485	0.740026	-1.3513	2.69511	1.00101	0.330149	1
cg23927124	0.122323	0.73987	-1.35159	0.178854	1.29299	1.29299	0.569449	0.901726	-1.10898	0.901378	0.977941	-1.02256	2.6951	1.38183	0.455749	1
cg00222341	0.570958	0.849674	-1.17692	0.00826833	0.382627	-2.61351	0.185905	0.670997	-1.49032	0.115948	0.615047	-1.62589	2.69505	3.4543	1.13931	1
cg10468535	0.813567	1.16463	1.16463	0.438176	0.600395	-1.66557	0.994991	0.995958	-1.00406	0.541847	1.48941	1.48941	2.69503	17.7646	5.85921	1
cg07362130	0.160881	0.426065	-2.34706	0.154655	0.419867	-2.38171	0.352949	0.580141	-1.72372	0.429146	0.631415	-1.58374	2.69503	13.8515	4.56857	1
cg06048662	0.313845	0.601349	-1.66293	0.217122	1.88518	1.88518	0.90376	0.942651	-1.06084	0.111179	0.428597	-2.33319	2.69502	10.1749	3.35594	1
cg26821542	0.208543	1.42065	1.42065	0.0560258	1.77396	1.77396	0.0625066	1.74228	1.74228	0.164674	1.48083	1.48083	2.69498	2.99369	0.987411	1
cg11468363	0.416864	0.761434	-1.31331	0.0571375	0.493143	-2.02781	0.651718	1.16097	1.16097	0.0397993	0.458072	-2.18306	2.69491	4.60535	1.51903	1
cg27498211	0.383309	0.848755	-1.1782	0.0293843	0.624609	-1.601	0.670364	0.924467	-1.0817	0.42689	1.16045	1.16045	2.6949	1.43605	0.473667	1
cg07702509	0.542629	1.48553	1.48553	0.936676	0.950253	-1.05235	0.912435	0.931795	-1.0732	0.0470829	0.232402	-4.3029	2.6949	17.6017	5.80576	1
cg26748425	0.418462	0.791971	-1.26267	0.0160273	0.43535	-2.297	0.780956	0.924374	-1.08181	0.846473	0.946784	-1.05621	2.69489	3.39658	1.12034	1
cg14798641	0.594354	0.825495	-1.21139	0.0230154	0.37907	-2.63804	0.3265	1.43537	1.43537	0.663531	0.855409	-1.16903	2.69487	5.43303	1.79206	1
cg04583339	0.201345	0.534111	-1.87227	0.00524861	0.180666	-5.53507	0.441813	0.694531	-1.43982	0.178943	0.51499	-1.94178	2.69484	9.21974	3.04112	1
cg06850651	0.898573	1.0339	1.0339	0.041706	0.541309	-1.84737	0.988776	1.00368	1.00368	0.251259	0.730974	-1.36804	2.69484	2.91708	0.962194	1
cg23586394	0.81727	0.96181	-1.03971	0.00221026	0.485953	-2.05781	0.404462	1.15432	1.15432	0.540309	1.10993	1.10993	2.69483	1.20806	0.398478	1
cg24624349	0.667222	0.82273	-1.21546	0.0143044	0.255994	-3.90633	0.179493	1.90249	1.90249	0.754117	0.867849	-1.15227	2.69481	8.68495	2.86475	1
cg12019990	0.786968	1.04774	1.04774	0.0367845	1.51841	1.51841	0.310067	1.19824	1.19824	0.18187	0.783495	-1.27633	2.69479	1.26527	0.417356	1
cg01751802	0.97316	0.98568	-1.01453	0.0259033	0.321813	-3.1074	0.0444031	0.37165	-2.6907	0.252834	0.599272	-1.66869	2.69476	7.8442	2.58747	1
cg23886515	0.615989	0.928262	-1.07728	0.0485888	1.39325	1.39325	0.765642	0.956949	-1.04499	0.310726	0.856928	-1.16696	2.69476	0.924879	0.305079	1
cg10718938	0.285672	0.514111	-1.9451	0.0856388	0.319852	-3.12644	0.147594	0.393677	-2.54015	0.277059	0.507488	-1.97049	2.69476	15.3641	5.06798	1
cg01383268	0.043005	0.72244	-1.3842	0.145428	0.803913	-1.24392	0.0780514	1.31437	1.31437	0.517346	1.09598	1.09598	2.69475	0.831948	0.274426	1
cg01250960	0.419982	1.14834	1.14834	0.1349	0.76295	-1.3107	0.188122	0.791268	-1.26379	0.237839	1.23068	1.23068	2.69475	1.20266	0.396711	1
cg10293297	0.503172	0.65675	-1.52265	0.601294	0.72162	-1.38577	0.281242	0.500063	-1.99975	0.138212	0.372424	-2.68511	2.69474	16.343	5.3909	1
cg07198552	0.874513	1.02024	1.02024	0.00577677	0.632201	-1.58178	0.297962	0.872145	-1.1466	0.712904	1.04797	1.04797	2.69472	0.686108	0.226322	1
cg01178703	0.0903494	1.64471	1.64471	0.0395166	1.88676	1.88676	0.102732	1.6096	1.6096	0.135362	1.53592	1.53592	2.69469	3.03364	1.0007	1
cg26930253	0.173555	0.61855	-1.61668	0.264672	0.679981	-1.47063	0.170793	0.616389	-1.62235	0.524022	0.807168	-1.2389	2.69467	4.69741	1.54953	1
cg17611446	0.198389	0.779223	-1.28333	0.177933	0.768955	-1.30047	0.732532	1.06498	1.06498	0.14588	0.750859	-1.33181	2.69467	1.43746	0.474173	1
cg06768010	0.142417	0.493642	-2.02576	0.0113506	0.241934	-4.13336	0.0326006	0.326387	-3.06385	0.491868	1.3669	1.3669	2.69466	8.55412	2.82175	1
cg05376524	0.910566	1.02798	1.02798	0.928596	0.978232	-1.02225	0.158408	1.44809	1.44809	0.122228	0.662787	-1.50878	2.69464	2.57336	0.848882	1
cg14966346	0.851851	0.865188	-1.15582	0.541408	0.619505	-1.61419	0.783712	1.23753	1.23753	0.888484	1.1148	1.1148	2.69462	25.6033	8.44588	1
cg12464869	0.127808	0.671735	-1.48868	0.0369328	1.80839	1.80839	0.170488	1.42179	1.42179	0.113772	1.51625	1.51625	2.87639	2.54234	0.687452	1
cg27614120	0.688374	0.905912	-1.10386	0.369509	1.25343	1.25343	0.912966	0.973559	-1.02716	0.867333	0.959851	-1.04183	2.69457	2.56363	0.845694	1
cg00821604	0.304295	1.33251	1.33251	0.634479	1.13796	1.13796	0.507487	1.19893	1.19893	0.71606	0.906137	-1.10359	2.69452	3.107	1.02496	1
cg10880928	0.564249	0.644691	-1.55113	0.23681	2.54343	2.54343	0.138055	3.32911	3.32911	0.0828395	4.24849	4.24849	2.69452	24.2072	7.98567	1
cg12135573	0.211286	0.642213	-1.55712	0.00327138	0.259772	-3.84953	0.258079	0.672458	-1.48708	0.415264	1.32313	1.32313	2.69452	4.82507	1.59173	1
cg24415082	0.49933	1.12942	1.12942	0.0827219	0.711035	-1.4064	0.741921	1.0604	1.0604	0.129678	1.33716	1.33716	2.6945	1.34419	0.443435	1
cg15241390	0.649252	1.07964	1.07964	0.234068	0.811587	-1.23215	0.835018	1.03552	1.03552	0.35367	1.17316	1.17316	2.6945	1.1952	0.394285	1
cg04305672	0.494654	1.13471	1.13471	0.0286322	1.60082	1.60082	0.626704	0.914553	-1.09343	0.257174	0.806137	-1.24048	2.69448	1.41718	0.467517	1
cg10862612	0.666039	0.888283	-1.12577	0.651207	0.883234	-1.1322	0.376	0.78046	-1.2813	0.0371275	0.51673	-1.93525	2.69448	3.17645	1.04789	1
cg05103064	0.276051	0.608827	-1.6425	0.231378	0.577074	-1.73288	0.116747	0.474085	-2.10932	0.720402	0.854359	-1.17047	2.69447	8.18511	2.70021	1
cg08818632	0.409317	0.677733	-1.47551	0.043788	0.343592	-2.91042	0.0448964	0.34606	-2.88967	0.106415	2.25406	2.25406	2.69446	9.06849	2.99165	1
cg15611176	0.152068	0.817619	-1.22306	0.761828	1.0407	1.0407	0.14885	1.22529	1.22529	0.586837	1.07466	1.07466	2.69444	0.734946	0.242457	1
cg15878616	0.578549	0.837411	-1.19416	0.00699257	3.01325	3.01325	0.0780951	1.85707	1.85707	0.244252	0.680309	-1.46992	2.69444	4.26686	1.40763	1
cg20594401	0.224677	0.57919	-1.72655	0.0677993	0.416439	-2.40131	0.699996	0.847219	-1.18033	0.901303	0.948259	-1.05456	2.69441	7.82471	2.58138	1
cg12026956	0.716942	0.946903	-1.05607	0.00328778	0.548713	-1.82245	0.654083	1.06992	1.06992	0.167578	1.2466	1.2466	2.6944	0.958215	0.316118	1
cg01174743	0.33286	1.32495	1.32495	0.0290968	2.06357	2.06357	0.482007	1.22298	1.22298	0.141619	0.640712	-1.56076	2.69437	3.38574	1.11698	1
cg13932794	0.507321	0.583158	-1.7148	0.994526	0.994515	-1.00552	0.0550657	5.71946	5.71946	0.0965819	4.31707	4.31707	2.69434	27.4286	9.04898	1
cg25569491	0.236953	1.97253	1.97253	0.530653	1.41655	1.41655	0.697624	0.807301	-1.2387	0.0325602	0.253708	-3.94154	2.69432	12.8265	4.23161	1
cg27001893	0.0582479	0.326521	-3.06259	0.0178979	0.222034	-4.50381	0.209577	0.500779	-1.99689	0.0937415	0.381419	-2.62179	2.69431	11.6704	3.8502	1
cg16077929	0.670562	1.33714	1.33714	0.237498	0.431609	-2.31691	0.0173799	0.139935	-7.14617	0.0578733	0.233188	-4.28839	2.69431	19.6728	6.49031	1
cg22007633	0.0245607	2.02715	2.02715	0.159436	1.48696	1.48696	0.096414	1.61875	1.61875	0.608986	1.14583	1.14583	2.69428	2.97099	0.980183	1
cg05629195	0.278186	1.5404	1.5404	0.149179	0.552862	-1.80877	0.114746	1.92933	1.92933	0.40261	1.38845	1.38845	2.69427	6.2641	2.06664	1
cg00552226	0.324938	0.878094	-1.13883	0.434293	0.903001	-1.10742	0.801865	1.03268	1.03268	0.421608	0.900331	-1.1107	2.69427	0.697952	0.230267	1
cg01719718	0.359728	1.34717	1.34717	0.00448354	3.31742	3.31742	0.0895648	1.8082	1.8082	0.876768	0.952078	-1.05033	2.69426	4.2735	1.40991	1
cg19932343	0.652416	0.684046	-1.46189	0.965613	0.964573	-1.03673	0.473392	1.84354	1.84354	0.412876	2.01942	2.01942	2.87597	31.2144	8.44162	1
cg04172395	0.693376	1.18272	1.18272	0.871237	1.07111	1.07111	0.259379	1.6459	1.6459	0.938841	1.03303	1.03303	2.69422	7.6527	2.52481	1
cg25352650	0.127699	1.18419	1.18419	0.292183	0.893882	-1.11872	0.237106	0.880609	-1.13558	0.423079	1.08762	1.08762	2.69422	0.449599	0.148334	1
cg17184477	0.166149	0.468387	-2.13498	0.023264	0.24831	-4.02723	0.155262	0.45786	-2.18407	0.171874	0.473768	-2.11074	2.6942	11.2583	3.71441	1
cg01915516	0.283677	0.118439	-8.44318	0.611221	0.376283	-2.65758	0.0367274	113.498	113.498	0.018752	268.371	268.371	2.87594	161.674	43.7236	1
cg12362517	0.452735	1.12081	1.12081	0.427207	1.12847	1.12847	0.0348724	1.44285	1.44285	0.192487	1.22834	1.22834	2.6942	0.94853	0.312946	1
cg16445423	0.873357	0.944151	-1.05915	0.0182593	0.356233	-2.80715	0.71748	0.877298	-1.13986	0.535104	0.797486	-1.25394	2.69403	5.53796	1.82723	1
cg16782602	0.60879	0.882475	-1.13318	0.00609154	2.38038	2.38038	0.60196	1.13594	1.13594	0.143786	0.683581	-1.46288	2.69402	2.50291	0.825833	1
cg17379345	0.418701	0.564479	-1.77154	0.616026	1.41895	1.41895	0.0180081	0.136861	-7.3067	0.0188969	0.139784	-7.15389	2.69396	20.434	6.74234	1
cg09386615	0.518766	1.3278	1.3278	0.748644	1.14952	1.14952	0.966921	1.01814	1.01814	0.192189	0.549729	-1.81908	2.69394	8.0155	2.64478	1
cg04722756	0.279931	0.713088	-1.40235	0.353134	0.750037	-1.33327	0.0578324	1.90726	1.90726	0.623912	0.861763	-1.16041	2.69394	3.86702	1.27596	1
cg20443028	0.559153	0.894592	-1.11783	0.00837983	0.529848	-1.88734	0.615257	0.908862	-1.10028	0.320268	0.82393	-1.2137	2.69393	1.51727	0.500638	1
cg01632311	0.336211	0.572721	-1.74605	0.0297186	4.34472	4.34472	0.137693	2.47105	2.47105	0.0238212	4.72112	4.72112	2.87561	13.9541	3.77423	1
cg08955462	0.399264	0.85319	-1.17207	0.0217196	1.66021	1.66021	0.367826	1.18554	1.18554	0.413133	0.857323	-1.16642	2.69389	1.44427	0.47656	1
cg04501571	0.0179472	0.284875	-3.51031	0.0691357	0.411509	-2.43008	0.763436	1.14087	1.14087	0.633066	0.810578	-1.23369	2.69389	8.13373	2.68385	1
cg27529848	0.072476	0.665038	-1.50367	0.632623	0.906628	-1.10299	0.577433	0.891765	-1.12137	0.258659	1.27108	1.27108	2.69385	1.76733	0.583167	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	Ratio(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg24852548	PTDSS1	0.0888272	0.0204632	0.343649	-0.90991	0.429154	0.734417	-1.36162	0.181514	0.581323	-1.72022	0.615572	0.831294	-1.20294	0.0223408	0.351001	-2.849	0.537155	0.787426	-1.26996	0.0137728	0.312073	-3.20438	0.07992003	0.474589	-2.10709	0.6721202	0.849742	-1.17683	2.69379	6.24023	2.05914	1
cg08330818	HSPBAP1;DIRC2	0.0888278	0.083516	1.37459	1.37459	0.546822	1.10658	1.10658	0.795152	1.04417	1.04417	0.1208905	1.32238	1.32238	0.80491	1.04093	1.04093	0.134669	1.30719	1.30719	0.2039936	1.59078	1.59078	0.00698699	1.78506	1.78506	0.226843	1.23459	1.23459	2.63978	1.17689	0.388349	1
cg04788575	TIPRL	0.0888317	0.590892	1.09061	1.09063	0.38819	1.15188	1.15188	0.0570007	0.708702	-1.41103	0.0652428	1.39221	1.39221	0.126745	0.767915	-1.30223	0.778134	0.955845	-1.04619	0.0933923	1.34317	1.34317	0.219574	0.813513	-1.22924	0.1237112	0.766015	-1.30546	2.69373	1.09046	0.359834	1
cg17927917	INSIG1;INSIG1;INSIG1	0.0888317	0.164835	0.730687	-1.36857	0.0457144	1.62436	1.62436	0.92067	1.02132	1.02132	0.0344532	0.593137	-1.68595	0.723979	0.77098	1.07798	0.183734	1.23274	1.23274	0.0663699	0.646584	-1.54659	0.367485	1.12658	1.12658	0.390204	1.20408	1.20408	2.69373	1.91335	0.631376	1
cg19230709	UHRF1;UHRF1	0.0888343	0.573403	0.87096	-1.14816	0.702059	1.09783	1.09783	0.0441414	0.570319	-1.75341	0.24021	1.12015	1.12015	0.0608641	0.598633	-1.67047	0.182547	0.709264	-1.40991	0.054058	1.70063	1.70063	0.103258	1.54152	1.54152	0.594689	1.87773	-1.13929	2.69369	2.51589	0.830215	1
cg06888900	BCAR1;BCAR1;BCAR1;BCAR1	0.0888344	0.941469	0.972719	-1.02845	0.451167	0.74888	-1.33533	0.415405	1.3628	1.36829	0.0992964	0.97503	0.97503	0.674631	0.852963	-1.17238	0.0529412	0.43669	-2.28995	0.00825884	2.280175	-1.56919	0.336231	0.688322	-1.45281	0.956737	1.02065	1.02065	2.69369	0.65319	1.99748	1
cg00595356	TIAM1	0.0888344	0.160399	1.49376	1.49376	0.551745	0.851189	-1.17483	0.976921	1.00777	1.00777	0.336765	1.30347	1.30347	0.945181	0.981107	-1.01926	0.0350324	0.518273	-1.92949	0.4515161	0.8144444	-1.22783	0.02009669	0.472165	-2.11791	0.1244889	1.56062	1.56062	2.69369	3.05499	1.00811	1
cg07867012	OLFM2	0.0888345	0.765958	0.957869	-1.04396	0.222647	0.854586	-1.17016	0.292264	0.833623	-1.17148	0.794946	1.04023	1.04023	0.153603	0.802274	-1.24646	0.0303551	1.44346	1.44346	0.0643721	1.54515	1.54515	0.986166	1.0025	1.0025	0.5586581	1.08902	1.08902	2.69369	0.68704	0.292714	1
cg14536088	FSD1L;FSD1L;FSD1L	0.0888447	0.574468	1.08916	-1.18156	0.0998328	0.813581	1.52498	1.52498	0.0770764	0.943071	-1.06037	0.4542932	1.17171	1.17171	0.794315	1.05263	1.05263	1.10563	1.10563	0.0500579	1.27066	1.27066	0.123297	0.836131	-1.19599	0.0146129	0.7244436	-1.38038	0.408922	1.09477	1.09477	2.69356	0.4902094	0.1618	1
cg11224647	TMEM55A;TMEM55A	0.0888448	0.019936	2.60357	-3.78003	0.0179937	0.92496	-1.08107	0.872877	1.07275	1.07275	0.126315	2.06552	2.06552	0.0295584	2.295581	2.29558	0.0614	1.50914	1.50914	0.0156017	2.56355	2.56355	0.0150694	2.53144	2.53144	0.0258786	2.82452	2.82452	2.69369	8.20558	2.70789	1
cg26030974	CDC27;CDC27	0.0888497	0.28912	1.17656	1.17656	0.720862	0.948366	-1.05445	0.109084	0.772448	-2.29459	0.65017	1.06979	1.06979	0.818601	0.966625	-1.03453	0.0124363	0.631517	-1.58349	0.0152199	0.643738	-1.55365	0.957154	-1.04476	0.957151	1.00797	1.00797	2.6935	0.931392	0.307371	1
cg11315455	XIAP	0.0888501	0.87193	1.07154	1.07154	0.743623	0.993115	1.14601	0.0538955	0.56823	-1.56727	0.0379136	0.928193	0.928193	0.0458052	1.322556	1.32256	0.0027755	1.74036	1.74036	0.0002455	1.984262	1.98426	0.0009705	1.94615	1.94615	0.0026001	1.96573	2.69349	5.508718	1.96573	0.729494	1
cg17798614	ESPNP	0.0888506	0.0230401	4.84921	4.84921	0.164895	2.36444	2.36444	0.451781	1.56093	1.56093	0.0522247	3.6057	3.6057	0.637183	0.758855	-1.31777	0.1932165	2.44944	-2.22499	0.247296	2.01905	2.01905	0.110659	2.74464	2.74464	0.0505278	3.64891	3.64891	2.69349	14.3921	4.74959	1
cg11160386	MDM1;MDM1	0.0888524	0.411818	0.918905	-1.08825	0.243975	0.884393	-1.13072	0.7185	0.964176	-1.03716	0.778775	1.02879	1.02879	0.0200614	1.32676	1.32676	0.216299	1.14012	1.14012	0.025828	1.30711	1.30711	0.0782126	1.21798	1.21798	0.413589	1.08789	1.08789	2.69346	0.433294	0.142994	1
cg15021525	MF320	0.0888531	0.102879	1.60652	1.60652	0.342403	0.593115	1.15602	0.0153155	0.46601	-1.63858	0.164792	0.56955	0.56955	0.0158455	0.585855	0.94375	0.0593077	1.07255	1.07255	0.0312904	1.45191	-1.02034	0.4657582	1.23405	1.23405	0.0494764	1.22105	1.22105	2.69346	4.21599	1.33135	1
cg25608029	LHX4	0.0888536	0.51351	0.78424	-1.27512	0.0263091	2.6286	2.6286	0.122146	0.540901	-1.84877	0.711289	0.872527	-1.1461	0.443823	0.750998	-1.33156	0.832807	0.925392	-1.08062	0.0160086	0.339074	-2.94921	0.309344	1.47092	1.47092	0.750827	1.12395	1.12395	2.69345	5.73902	1.89398	1
cg14076161	PIB4	0.0888539	0.0222618	1.483269	-1.4854	0.0134775	0.450097	-2.0934	0.0337665	0.882151	-1.13372	0.0202002	0.674	0.674	0.0882523	1.000583	1.00058	0.0027506	1.47444	1.47444	0.0150217	1.52489	-1.91513	0.0209944	0.842812	1.18615	0.2739545	0.479259	1.55525	2.69345	4.76259	1.55525	1
cg14329976	NEIL2;NEIL2;NEIL2;NEIL2	0.0888572	0.251929	0.853804	-1.17123	0.279566	0.862042	-1.16004	0.263701	0.857385	-1.16633	0.345401	0.879561	-1.13693	0.963108	1.00613	1.00613	0.934959	1.01084	1.01084	0.0076764	0.636062	-1.57217	0.166336	1.2215	1.2215	0.1428434	1.24535	1.24535	2.6934	0.743926	0.245514	1
cg09404551	CDL14A1	0.0888575	0.0511801	9.26803	9.26803	0.0273426	13.7056	13.7056	0.0907278	6.4795	6.4795	0.161593	4.47677	4.47677	0.940737	1.0774	1.0774	0.9305423	12.7874	12.7874	0.0476386	9.69115	9.69115	0.0756003	7.26586	7.26586	0.094805	6.30234	6.30234	2.6934	42.8879	14.1541	1
cg02077463	SNAP25;SNAP25	0.0888582	0.224462	1.451084	1.451084	0.5408	0.761553	-1.26151	0.410351	1.16018	1.16018	0.862343	1.11436	1.11436	0.0536097	1.354828	1.35483	0.621023	1.73258	1.73258	0.0536599	1.53224	-1.30707	0.0247555	1.23158	1.23158	0.2557886	-4.6431	-1.25786	2.69346	0.478666	0.147968	1
cg04284530	3-Mar	0.0888629	0.382357	0.599641	-1.66766	0.06097023	0.314	1.73414	0.234024	0.203846	2.03846	0.264652	1.99751	1.99751	0.563398	0.71643	-1.39581	0.103533	2.76315	2.76315	0.354382	1.72274	1.72274	0.0491856	3.60288	3.60288	0.291313	1.86842	1.86842	2.69333	1.3901	0.58779	1
cg01298991	SDC1;SDC1	0.0888675	0.0779139	1.46764	1.46764	0.4004	0.674474	-1.5483	0.188399	0.603109	-1.66764	0.1122202	0.426148	-2.3466	0.0615972	0.4401458	-2.27228	0.0773396	1.66393	1.66393	0.0306016	1.83222	-1.03005	0.8779982	1.24226	-1.42738	0.0917052	1.40091	1.40091	2.69333	2.33442	0.833	1
cg18525611	FSTL4;FSTL4	0.0888641	0.960083	1.00485	1.00485	0.24094	-1.12613	1.12613	0.195247	1.14174	1.14174	0.0904983	0.834871	-1.19779	0.701323	1.03799	1.03799	0.0176541	1.32219	1.32219	0.0948852	0.837277	-1.19434	0.221554	0.883092	-1.13238	0.625058	1.04881	1.04881	2.69332	1.3993171	0.1318806	1
cg11253425	ADSS	0.0888663	0.0368689	1.58041	1.58041	0.645972	1.09244	1.09244	0.687637	0.92565	-1.08032	0.901824	1.02387	1.02387	0.929973	1.36702	1.36704	0.0510364	1.66378	1.66378	0.0176196	0.9916	1.00475355	0.99916	1.00475	0.99916	0.9955	0.99916	0.99916	2.69332	0.0001	0.0001	1
cg08448087	MAP3K11	0.0888692	0.337789	0.754154	1.0754	0.0436023	0.593115	1.04828	0.0844278	0.811276	1.03956	0.0966	0.65805	-1.56727	0.0201783	0.7813	-1.28006	0.0512855	0.96596	1.03569	0.4678819	1.32656	0.0627305	0.837457	-2.16534	0.0139511	0.7102	1.34046	1.34046	2.69332	1.9656273	0.7299	1
cg25727927	RAB11FIP4	0.0888871	0.344297	0.656556	-1.52309	0.0190027	0.293317	-3.40929	0.00678098	0.219701	-4.55164	0.714828	0.853427	-1.17175	0.397269	0.687719	-1.45408	0.1516666	0.515073	-1.94147	0.356122	0.6636583	-1.50674	0.851916	1.08406	1.08406	0.440413	1.4047	1.4047	2.69323	1.97511	2.62621	1
cg26340504	FAM98A1	0.0888875	0.750523	1.33241	1.33241	0.471149	1.03844	1.03844	0.870394	1.00202	1.00202	0.974	1.0474	1.0474	0.888252	1.000583	1.00058	0.3737885	1.03688	1.03688	0.1016863	0.739368	-1.35231	0.4407817	1.17284	1.17284	0.1623975	1.05581	1.05581	2.69323	0.488644	0.163275	1
cg12565179	PAIP2B	0.0888727	0.275635	1.78664	1.78664	0.679834	1.84618	1.84618	0.0722098	2.79196	2.79196	0.0933102	1.06429	1.06429	0.813094	1.02869	1.02869	0.857788	1.912302	-1.09613	0.0102101	0.190672	-5.24661	0.869466	-1.07551	1.07551	0.336678	1.66012	1.66012	2.69321	11.169	3.68631	1
cg26498616	SLC6A19	0.0888729	0.0415277	0.134068	-7.45891	0.0637697	0.168366	-5.93945	0.335214	0.427579	-2.33875	0.183007	0.298801	-3.34671	0.0444637	0.13902	-7.19319	0.042388	0.135536	-7.37813	0.0509966	0.149514	-6.68833	0.0268733	0.10632	-9.40558	0.0945813	0.207856	-4.81102	2.6932	31.1768	10.2899	1
cg26788215	SPIS8	0.0888753	0.9563393	1.04554	1.04554	0.0571496	0.953172	1.05172	0.0571496	0.98022	-1.02036	0.0202002	0.974	1.0474	0.888252	1.000583	1.00058	0.9928888	1.01688	1.01688	0.0153853	0.739368	-1.35231	0.4407817	1.17284	1.17284	0.1623975	1.05581	1.05581	2.69321	0.488644	0.163275	1
cg14140436	MND1	0.0888762	0.0319047	0.283776	-3.5239	0.859529	0.915084	-1.0928	0.448909	1.147192	1.47192	0.276693	2.79196	2.79196	0.0903102	1.06429	1.06429	0.8139103	1.12869	1.12869	0.1128693	0.857788	1.912302	-1.09613	0.0102101	0.190672	-5.24661	0.869466	-1.07551	1.07551	1.33664	0.1354	1.03483	1
cg06116397	ZNF397;ZNF397	0.0888771	0.575894	1.17952	1.17952	0.495662	1.3427	1.3427	0.0436047	1.34276	1.34276	0.0437624	1.34276	1.34276	0.0436047	1.34276	1.34276	0.0596	1.04229	1.04229	0.3637	1.56114	1.0445	1.04229	1.04229	0.3637	1.56114	1.0445	1.04229	2.69321	1.31954	1.03483	1
cg20338631	ZDHHC23	0.0888879	0.324767	1.10244	1.10244	0.682143	0.961278	-1.04028	0.995001	0.999199	-1.0006	0.307764	0.903706	-1.10655	0.0234948	0.771432	-1.29629	0.0257833	0.775576	-1.28906	0.4442274	0.9276515	-1.07803	0.3738388	0.916574	-1.0915	0.0700483	1.21347	1.21347	2.69313	0.9733544	0.132987	1
cg22664419	MYO16	0.0888894	0.77208	0.897	-1.11477	0.6241171	0.929067	1.07596	0.793667	0.894591	1.00734	1.00734	1.00734	1.00734	0.9902356	1.00134	1.00134	0.0109044	0.946285	1.0428	0.0109044	0.946285	1.0428	0.0109044	0.946285	1.0428	0.0109044	0.946285	1.0428	2.69313	0.9733544	0.132987	1
cg13584676	HS6ST1	0.0888902	0.548284	1.20068	1.20068	0.859059	0.947893	-1.05497	0.954497	1.002202	-1.01812	0.704526	0.906245	-1.10345	0.754715	1.09805	1.09805	0.847995	1.06193	1.06193	0.3752796	0.924497	-1.08153	0.6083953	0.541853	-1.84552	0.293111	0.886226	1.2761	2.69313	3.864626	1.2761	1
cg14190451	AMICA1;AMICA1;AMICA1	0.0888807	0.509793	1.36917	1.36917	0.358444	1.55855	1.55855	0.0257655	0.288137	-3.47057	0.0129474	0.234681	-4.2611	0.0632805	0.374759	-2.66838	0.5873007	0.772971	-1.29371	0.419925	0.6789311	-1.4729	0.691139	1.20642	1.20642	0.415181	0.676127	-1.47901	2.6931	9.41858	3.10871	1
cg26988853	FAR06A;ACAD;ACAD;FAR06A;ACAD	0.0888811	0.2244621	1.4510884	1.4510884	0.5408	0.761553	-1.26151	0.410351	1.16018	1.16018	0.862343	1.11436	1.11436	0.0536097	1.354828	1.35483	0.621023	1.73258	1.73258	0.0536599	1.53224	-1.30707	0.0247555	1.23158	1.23158	0.2557886	-4.6431	-1.25786	2.69313	0.478666	0.147968	1
cg12886731	HK1;HK1;HK1;HK1	0.0888816	0.575149	0.872594	-1.14601	0.280195	0.763258	-1.31017	0.104867	0.652747	-1.53199	0.330452	1.28026	1.28026	0.0243626	0.524282	1.90737	0.0881645	1.57277	1.57277	0.222266	1.36166	1.36166	0.335299	0.787318	-1.27014	0.142834	0.584524	-1.46087	2.69309	2.47044	0.815398	1
cg02197978	C20orf160	0.0888822	0.0834036	2.304708	-4.02564	0.155994	3.03115	3.03115	0.116361	3.45564	3.45564	0.728147	1.28864	1.28864	0.0197866	0.129372	-7.72968	0.923335	1.01724	1.01724	0.9662473	1.02205	-1.02256	0.9662473	1.02205	-1.02256	0.7318458	0.780357	-1.28147	2.69309	0.52152	0.744574	1
cg02172449	GNPDA2	0.0888823	0.940579	1.06317	1.06317	0.280806	1.17325	1.17325	0.779353	1.05593	1.05593	1.13191	1.13191	0.3181849	0.8632441	-1.15843	0.198013	0.8237373	1.21399	1.21399	0.4275	0.944094	1.82644	-1.21001	0.445336	1.1727	1.11727	0.0188268	1.50017	0.0390045	1.40571	1.40571	2.69308	0.866446	0.285983	1
cg11028445	FAM36A;FAM36A HBS1L;HBS1L;HBS1L;HBS1L;HBS1L	0.0888838	0.463492	1.35556	1.35556	0.186521	0.556157	-1.79805	0.240906	0.600492	-1.6653	?	?	?	?	?	?	0.5609351	1.26954	1.26954	0.0956685	2.19443	2.19443	0.0224345	3.49071	3.49071	0.163897	5.72625	1.31133	1
cg24665839	L	0.0888841	0.366398	1.09	1.09	0.622414	1.04717	1.04717	0.343658	1.09482	1.09482	0.148963	1.15458	1.15458	0.0068704	1.38409	1.38409	0.898808	0.988254	-1.01189	0.433229	0.9282567	-1.07728	0.435017	0.928702	-1.07677	0.0326438	1.26135	1.26135	2.69306	0.367852	0.121416	1
cg09244748	C11orf95	0.0888851	0.611691	0.828036	-1.20768	0.0422124	1.36923	1.36923	0.684674	0.8613	-1.16104	0.0763134	2.06842	2.06842	0.0183614	1.490616	-2.42309	0.1855648	0.596254	-1.6772	0.914555	0.9612133	-1.04035	0.123113	1.8509	1.8509	0.020447	0.9196211	-1.08764	2.69304	5.79449	1.91258	1
cg02847384	SMAP1;SMAP1	0.0888859	0.997104	0.999384	-1.00062	0.398517	0.863592	-1.15795	0.27945	0.826319	-1.21019	0.399325	0.86382	-1.15765	0.0088677	0.5682284	1.75968	0.847995	1.06193	1.06193	0.3752796	0.924497	-1.08153	0.6083953	0.541853	-1.84552	0.293111	0.886226	1.2761	2.69304	3.864626	1.2761	1
cg26297005	HOXA3	0.0888859	0.043264	20.1371	20.1371	0.839252	1.29993	1.29993	0.0721496	13.3564	13.3564	0.0732924	13.1883	13.1883	0.0287248	27.9915	27.9915	0.732193	1.55835	1.55835	0.705527	1.63276	1.63276	0.0290886	27.7087	27.7087	0.0400289	21.4327	21.4327	2.69304	71.1389	23.4808	1
cg08280875	INSC	0.0888873	0.2977153	1.4888	1.4888	0.5408	0.761553	-1.26151	0.410351	1.16018	1.16018	0.862343	1.11436	1.11436	0.0536097	1.354828	1.35483	0.621023	1.73258	1.73258	0.0536599	1.53224	-1.30707	0.0247555	1.23158	1.23158	0.2557886	-4.6431	-1.25786	2.69302	0.478666	0.147968	1
cg18476566	OR4K14	0.0888872	0.0501276	0.419082	-2.38617	0.19788	0.588638	-1.69884	0.618017	0.564335	-1.772	0.992883	1.00348	1.00348	0.0126253	0.29896	-3.34493	0.112188	0.50994	-1.96101	0.0237849	0.349719	-2.85944	0.662248	1.18667	1.18667	0.32468	0.672632	1.48667	2.69302	0.46689	2.13454	1
cg01940460	INPP1;INPP1 ACAA1;ACAA1;ACAA1;MYDB8;ACAA1;A	0.0888877	0.634265	0.91849	-1.08874	0.168246	0.770667	-1.29758	0.320244	0.833428	-1.19986	0.278172	0.818685	-1.22147	0.00207971	0.463552	-2.15725	0.0650369	0.692443	-1.44416	0.50581	0.887121	-1.12724	0.352907	0.844018	-1.18481	0.529925	0.892244	-1.12077	2.69301	1.34239	0.443084	1
cg00884680	CAA1	0.0888912	0.7315669	1.09648	1.09648	0.693139	1.111191	1.111191	0.223345	1.40805	1.40805	0.0464248	0.543275	-1.84069	0.402828	1.25734	1.25734	0.729881	0.911458	-1.09714	0.523001	1.18904	1.18904	0.00665323	2.56488	2.56488	0.247704	1.38161	1.38161	2.69297	3.0513	1.00716	1
cg07589691	SYPL2;SYPL2	0.0888947	0.0463279	1.37984	1.37984	0.2934091	1.4227	1.4227	0.172025	1.20495	1.20495	0.1706158	1.94069	1.94069	0.0010567	2.0607047	2.06071	0.7011556	1.47087	1.47087	0.1558747	1.24073	1.24073	0.1593417	1.07882	1.07882	0.2693	0.847777	0.847777	2.69296	0.2798836	0.0798	1
cg22409775	IWS1;IWS1	0.0888961	0.254884	1.38597	1.38597	0.547496	0.658286	-1.5191	0.038149	0.516943	-1.93445	0.903568	1.03319	1.03319	0.998503	1.00052	1.00052	0.356364	1.29754	1.29754	0.32001	1.32597	1.32597	0.0124102	0.425512	-2.35011	0.850907	1.05302	1.05302	2.69291	3.21534	1.06134	1
cg14402044	LCN10	0.0888984	0.369079	1.4408	1.4408	0.55012	0.7343	1.37043	0.0424082	1.04422	2.88661	0.5238	0.774364	-1.29138	0.5641552	0.774364	-1.2596	0.1454552	1.44552	1.44552	0.0147555	1.45755	1.45755	0.0147555	1.45755	1.45755	0.0147555	1.45755	1.45755	2.69291	1.8871	0.4287	1
cg14818279	SH3TC2	0.0889	0.116053	0.462314	0.62319	0.7297732	0.732794	-1.36464	0.430695	0.486260	-2.05648	0.1112255	0.473573	0.473573	0.0402004	0.215732	0.15732	0.114734	0.65341	0.65341	0.0606171	0.248483	0.248483	0.248483	0.248483	0.248483	0.248483	0.248483	0.248483	2.69289	0.248483	0.248483	1
cg02587074	PCNXL2	0.0889004	0.0148134	1.6758	1.6758	0.0968901	0.730671	-1.3686	0.399792	0.862065	-1.16001	0.435486	0.871964	-1.14684	0.817996	0.961084	-1.04049	0.59743	1.09611	1.09611	0.0407151	1.50207	1.50207	0.531804	1.11523	1.11523	0.4125808	0.865647	-1.15521	2.69285	1.26463	0.417446	1
cg21045000	TAOK3	0.0889005	0.637775	1.09484	1.09484	0.4881	1.1409	1.1409	0.0463548	0.961148	-1.15985	0.145498	0.741841	-1.34848	0.0135102	0.7105	-1.40785	0.1302202	1.10505	1.10505	0.0479	0.9150	-1.09313	0.6172803	0.574609	-1.74031	0.082229	0.995754	-1.00426	2.69285	1.55681	0.513892	1
cg07123038	SLC45A1	0.0889029	0.0717553	0.291886	-3.426	0.438193	1.62312	1.62312	0.719412	0.801746	-1.24727	0.734878	0.812053	-1.23145	0.0207011	0.183557	-5.50792	0.988905	1.08855	1.08855	0.0082209	0.136089	-7.35009	0.679902	0.775606	-1.28932	0.253596	0.481777	-2.07565	2.69282	16	5.28153	1
cg02414270	SLC6A1	0.0889032	0.0660464	1.60878	1.60878	0.3104665	1.50605	1.50605	0.0453307	0.884588	-1.13048	0.0374892	0.651	0.651	0.0158455	0.5848	-1.71009	0.0756324	1.44915	1.44915	0.0139372	1.73885	1.73885	0.0027916	1.20857	1.20857	0.0450322	1.53765	1.53765	2.69282	4.07884	1.50209	1
cg08441167	OLFML2B	0.0889044	0.940268	0.986898	-1.01328	0.972285	0.993905	-1.00613	0.197721	1.27076	1.27076	0.752085	1.05736	1.05736	0.394608	0.857744	-1.16585	0.598401	0.910702	-1.09805	0.00534409	0.524263	-1.90744	0.301332	1.2074	1.2074	0.0740441	1.704429	-1.41959	2.6928	1.32092	0.436034	1
cg27168493	IL23R	0.0889061	0.971477	0.981033	-1.01933	0.0272736	0.156634	-6.38432	0.294309	0.558476	-1.79059	0.124731	0.410608	-2.43541	0.194136	0.479162	-2.08698	0.616399	1.31063	1.31063	0.218897	0.500315	-1.99874	0.30027	1.77692	1.77692	0.0581715	0.317694	-1.34768	2.69278	12.2326	4.03798	1
cg08026611	TGDS;TGDS WDR20;WDR20;HSP90AA1;WDR20;WD	0.0889067	0.0188862	1.64973	1.64973	0.2717269	0.569	1.75722	0.0134254	0.682314	1.46526	0.145778	0.59321	1.68594	0.0228	2.558	-2.558	0.0458142	4.9883	4.9883	0.042191	1.5468	1.5468	0.0237299	1.15178	1.15178	0.4223302	1.05884	1.05884	2.69277	0.568417	0.175927	1
cg04441295	R20;WDR20	0.0889077	0.0763205	0.709135	-1.41017	0.368419	-1.17471	-1.17471	0.519119	0.892331	-1.12066	0.252856	1.23142	1.23142	0.95143	1.01067	-1.01067	0.814604	1.04179	1.04179	0.00450828	0.516941	-1.93446	0.433324	0.869914	-1.14954	0.841803	1.03545	1.03545	2.69276	1.29567	0.427703	1
cg22528275	FOXK2	0.0889092	0.646179	0.786027	-1.27222	0.405389	1.55799	1.55799	0.596714	0.757191	-1.32067	0.150684	0.448308	-2.23061	0.0056417	0.150763	-6.63291	0.139356	0.436658	-2.29012	0.0775433	0.359901	-2.77854	0.043503	0.520215	1.92059	0.053

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22489759	ELL	0.0890033	0.432604	1.12597	1.12597	0.0698915	1.35023	1.35023	0.669831	0.938434	-1.06561	0.69331	1.06048	1.06048	0.10567	0.769624	-1.29934	0.0396088	1.42271	1.42271	0.0212907	1.50691	1.50691	0.965154	0.993549	-1.00649	0.169139	1.24237	1.24237	2.69154	0.935616	0.30899	1
cg23504737	KIAA0753	0.0890042	0.505642	0.799318	-1.25107	0.00860032	0.329108	-3.03851	0.746462	0.898	-1.11359	0.359211	0.731502	-1.36705	0.034107	0.440391	-2.27071	0.512344	0.802214	-1.24655	0.0655105	0.503806	-1.98489	0.643832	0.856922	-1.16697	0.025377	0.414224	-2.41415	2.69153	4.68861	1.54843	1
cg19255136	PEX5L	0.0890049	0.00644916	0.225016	-4.44413	0.126806	0.498887	-2.00446	0.293416	0.63197	-1.58235	0.40566	1.43079	1.43079	0.064931	0.417807	-2.39345	0.0537883	0.397717	-2.51435	0.577579	0.789073	-1.26731	0.982974	1.00903	1.00903	0.709797	0.854366	-1.17046	2.69152	7.55774	2.49598	1
cg13804316	XKR8	0.0890051	0.023356	5.31176	5.31176	0.0546742	3.83155	3.83155	0.0247635	5.19281	5.19281	0.05832	3.73801	3.73801	0.929575	0.946979	-1.05599	0.498942	1.52658	1.52658	0.102581	3.00678	3.00678	0.0513117	3.92577	3.92577	0.257115	2.07282	2.07282	2.69152	16.1911	5.34721	1
cg25635864	RIN1	0.0890056	0.146332	0.578215	-1.72946	0.0346817	2.37522	2.37522	0.554919	1.23344	1.23344	0.286978	0.678118	-1.47467	0.402497	1.35121	1.35121	0.653205	1.17222	1.17222	0.0247973	0.391126	-2.55672	0.127665	0.560641	-1.78367	0.987242	0.994398	-1.00563	2.69151	5.26138	1.7376	1
cg13386903	RPS6KA2	0.0890062	0.835671	1.04134	1.04134	0.384967	1.1897	1.1897	0.865759	0.967544	-1.03354	0.622839	1.1015	1.1015	0.147535	0.738568	-1.35397	0.788825	1.05374	1.05374	0.00294003	2.21772	2.21772	0.340864	1.21095	1.21095	0.532564	0.884024	-1.13119	2.69151	1.62107	0.53537	1
cg11525210	CSF1R	0.0890064	0.10344	0.675661	-1.48003	0.228608	0.757175	-1.3207	0.203475	0.744164	-1.34379	0.0473432	0.606841	-1.64788	0.376458	0.818893	-1.22116	0.129983	1.43342	1.43342	0.0756539	1.54543	1.54543	0.672976	1.09796	1.09796	0.131689	0.698919	-1.43078	2.6915	2.06578	0.682239	1
cg00785620	CDKL1	0.0890076	0.679548	0.830703	-1.2038	0.0921549	0.437009	-2.28828	0.0177192	0.275862	-3.62499	0.912127	1.05053	1.05053	0.00970721	0.232027	-4.30984	0.710368	0.846563	-1.18125	0.445893	0.706825	-1.41478	0.289389	1.63406	1.63406	0.653707	0.817385	-1.22341	2.69149	8.49985	2.80716	1
cg03405315	STK33	0.0890082	0.794198	0.941761	-1.06184	0.134286	1.44862	1.44862	0.193227	1.37166	1.37166	0.0392526	0.578394	-1.72892	0.892919	0.96956	-1.0314	0.0344231	0.567653	-1.76164	0.291362	0.777788	-1.2857	0.150464	0.70205	-1.4244	0.113123	0.673167	-1.48551	2.69148	2.24564	0.741647	1
cg13740771	MRPS26	0.0890086	0.90196	1.01604	1.01604	0.0635463	1.30921	1.30921	0.495696	0.914534	-1.09345	0.301156	0.870785	-1.14839	0.0906418	1.27222	1.27222	0.482527	1.09656	1.09656	0.0248768	0.708341	-1.41175	0.532527	1.08507	1.08507	0.0927858	1.26981	1.26981	2.69147	0.711012	0.234819	1
cg21982941	HS3ST3B1	0.0890126	0.920161	1.07676	1.07676	0.00400066	17.3457	17.3457	0.0834435	4.11015	4.11015	0.190268	0.35943	-2.78218	0.571702	1.52437	1.52437	0.566817	1.53275	1.53275	0.777171	0.811151	-1.23282	0.214959	2.61931	2.61931	0.923015	1.07391	1.07391	2.69142	23.1952	7.66062	1
cg10984625	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0890129	0.392182	1.5193	1.5193	0.150383	0.47926	-2.08655	0.706973	0.835118	-1.19744	0.662142	0.810764	-1.23341	0.0555099	0.355082	-2.81625	0.131209	0.459554	-2.17602	0.076596	2.55937	2.55937	0.103159	2.34093	2.34093	0.102765	0.426687	-2.34364	2.69142	9.7033	3.20469	1
cg23812665	CD58;CD58;CD58	0.0890137	0.0399711	0.519289	-1.92571	0.355047	0.769046	-1.30031	0.0181653	0.453075	-2.20714	0.0878472	0.594529	-1.682	0.0185964	0.454938	-2.1981	0.149724	0.652925	-1.53157	0.728587	0.908325	-1.10093	0.374511	0.777558	-1.28608	0.0545476	0.547716	-1.82577	2.69141	3.24752	1.07255	1
cg05148404	FSTL4	0.0890142	0.149597	1.61858	1.61858	0.159153	0.625632	-1.59838	0.208185	1.51223	1.51223	0.901063	0.961977	-1.03953	0.0425747	2.07041	2.07041	0.240594	1.46658	1.46658	0.0208678	2.37893	2.37893	0.240048	0.681527	-1.46729	0.910439	0.965536	-1.03569	2.6914	4.14097	1.36764	1
cg12578791	ABCD3;ABCD3	0.0890164	0.606419	1.29174	1.29174	0.00778989	0.185828	-5.38131	0.795133	1.13675	1.13675	0.226586	1.86901	1.86901	0.194178	0.508334	-1.96721	0.184154	2.00165	2.00165	0.487231	0.706315	-1.4158	0.349798	1.60655	1.60655	0.233082	1.85134	1.85134	2.69138	10.343	3.41603	1
cg10487998	ALPL	0.0890189	0.031101	0.306407	-3.26364	0.414973	1.47628	1.47628	0.783074	1.13771	1.13771	0.437462	0.690545	-1.44813	0.0118467	0.230201	-4.34403	0.489489	0.720221	-1.38846	0.026046	0.290928	-3.43727	0.678878	0.823154	-1.21484	0.763029	0.868179	-1.15184	2.69134	9.31481	3.07647	1
cg06691229	ZIC5	0.0890198	0.32895	1.22808	1.22808	0.442365	0.852382	-1.17318	0.0033832	2.25374	2.25374	0.531915	1.13781	1.13781	0.972802	0.993072	-1.00698	0.736515	0.933457	-1.07129	0.757301	0.93875	-1.06525	0.0978194	1.44824	1.44824	0.17046	1.3467	1.3467	2.69133	1.77226	0.585339	1
cg02138331	AHCY	0.089022	0.820089	1.11925	1.11925	0.261444	0.560372	-1.78453	0.00717746	0.179698	-5.5649	0.209474	0.519876	-1.92353	0.506146	0.716335	-1.39599	0.425138	0.668461	-1.49597	0.0142052	0.224021	-4.46387	0.172965	0.48813	-2.04863	0.1201	0.434361	-2.30223	2.6913	10.4245	3.44303	1
cg27412975	TRPC3	0.089022	0.974231	0.989929	-1.01017	0.782526	1.09058	1.09058	0.714959	0.891419	-1.12181	0.326392	1.37372	1.37372	0.00371574	0.292804	-3.41525	0.575702	1.19386	1.19386	0.272143	1.43076	1.43076	0.27659	1.42566	1.42566	0.320663	0.725022	-1.37927	2.6913	4.18579	1.38249	1
cg03587033	MEGF8	0.0890251	0.27846	0.733699	-1.36296	0.347095	1.30478	1.30478	0.219363	0.701236	-1.42605	0.0941374	0.603078	-1.65816	0.481073	1.21749	1.21749	0.0464163	1.87168	1.87168	0.036631	0.513112	-1.94889	?	?	?	0.907718	0.968639	-1.03238	2.72278	2.89415	1.06294	1
cg10030162	ZNF423	0.0890255	0.753505	0.859875	-1.16296	0.00507248	0.169402	-5.90312	0.0544763	0.351477	-2.84514	0.366812	1.55941	1.55941	0.996957	0.998174	-1.00183	0.118633	0.444043	-2.25204	0.212717	0.533145	-1.87566	0.342669	0.62593	-1.59762	0.836883	1.10384	1.10384	2.69126	9.78931	3.23328	1
cg00261162	SNORA16A;SNHG12;SNORA44;SNORA61	0.0890276	0.149289	0.545589	-1.83288	0.222839	0.605371	-1.65188	0.753804	1.1312	1.1312	0.284567	0.646903	-1.54583	0.0514564	0.419466	-2.38398	0.391976	0.709184	-1.41007	0.00378096	0.21632	-4.62279	0.144991	0.541559	-1.84652	0.184167	0.575803	-1.73671	2.69123	6.54386	2.16137	1
cg26999933	RSL1D1	0.089029	0.101427	0.576396	-1.73492	0.0182136	2.41249	2.41249	0.161298	1.58342	1.58342	0.555027	0.832422	-1.20131	0.0893145	0.562389	-1.77813	0.173504	0.640894	-1.56032	0.962264	1.01464	1.01464	0.305732	0.721948	-1.38514	0.722465	0.89623	-1.11579	2.69122	4.0228	1.3287	1
cg06220755	RAI2	0.0890358	0.0821082	0.325073	-3.07623	0.195194	0.449653	-2.22394	0.913767	0.938763	-1.06523	0.205557	0.458828	-2.17946	0.00499099	0.114437	-8.7384	0.146521	0.402864	-2.48223	0.381846	0.592608	-1.68746	0.0372262	0.243951	-4.09918	0.13349	0.38899	-2.57076	2.69113	14.5051	4.79109	1
cg00577202	SH2D2A;SH2D2A;NTRK1;SH2D2A;SH2D2A;SH2D2A	0.0890362	0.397606	1.40498	1.40498	0.0363126	2.59979	2.59979	0.848435	0.927641	-1.078	0.12637	1.91397	1.91397	0.258897	0.629762	-1.5879	0.24229	1.61674	1.61674	0.230835	1.63794	1.63794	0.999834	0.999919	-1.00008	0.00801814	3.79503	3.79503	2.69112	6.56844	2.16958	1
cg04730665	AGAP1;AGAP1	0.0890364	0.84397	0.971882	-1.02893	0.450126	1.11782	1.11782	0.0332241	1.4337	1.4337	0.586424	1.08275	1.08275	0.0291325	1.45082	1.45082	0.716477	1.05421	1.05421	0.0257328	0.681563	-1.46722	0.620984	0.930402	-1.0748	0.958995	1.00747	1.00747	2.69112	0.892833	0.294906	1
cg06791426	FBRSL1	0.0890383	0.0181976	0.247438	-4.04141	0.191982	0.510296	-1.95965	0.982502	0.989374	-1.01074	0.424474	0.672122	-1.48783	0.0234999	0.267679	-3.73582	0.235362	0.54564	-1.83271	0.0163729	0.239474	-4.17582	0.942232	1.03593	1.03593	0.173983	0.494351	-2.02285	2.6911	10.1126	3.34027	1
cg21515384	OXCT1	0.0890388	0.908676	0.972612	-1.02816	0.279703	1.31254	1.31254	0.979851	0.993907	-1.00613	0.141364	1.46632	1.46632	0.799893	1.0634	1.0634	0.393263	1.2357	1.2357	0.0079566	0.438936	-2.27823	0.169792	0.701949	-1.42461	0.167929	1.4271	1.4271	2.69109	2.49612	0.824487	1
cg21771463	ZNF660	0.089043	0.853025	0.969648	-1.0313	0.848405	1.03232	1.03232	0.627073	1.08477	1.08477	0.803683	1.04226	1.04226	0.970796	1.0061	1.0061	0.29036	0.833291	-1.20006	0.249676	0.818776	-1.22133	0.610967	0.918272	-1.089	0.00186018	0.480051	-2.08311	2.69104	1.17722	0.388853	1
cg03897406	TTLL8	0.0890443	0.900466	0.956072	-1.04595	0.93419	0.970785	-1.03009	0.96579	1.01552	1.01552	0.572745	1.22704	1.22704	0.0033783	0.239055	-4.18315	0.9183	1.03752	1.03752	0.101093	1.90522	1.90522	0.581977	1.22092	1.22092	0.346659	0.706157	-1.41611	2.69102	5.49322	1.8145	1
cg25330264	FOXK1	0.0890459	0.186721	0.791855	-1.26286	0.102482	1.34709	1.34709	0.679307	0.933031	-1.07178	0.211937	0.80312	-1.24514	0.35869	0.854384	-1.17043	0.0251333	0.641384	-1.55913	0.94505	0.988572	-1.01156	0.0377305	1.49458	1.49458	0.750743	0.948247	-1.05458	2.691	1.18496	0.391415	1
cg20663403	ZNF284	0.0890472	?	?	?	0.0178327	4.38447	4.38447	0.220722	1.90667	1.90667	0.340276	0.611937	-1.63415	?	?	?	0.128193	0.436937	-2.28866	?	?	?	0.31775	1.67584	1.67584	0.669744	1.23814	1.23814	2.98826	7.64274	2.98385	1
cg26951875	AES;AES;AES;AES;AES	0.0890473	0.0329381	1.71438	1.71438	0.631558	0.90086	-1.11005	0.252944	0.772573	-1.29438	0.336693	1.23869	1.23869	0.236965	0.765102	-1.30701	0.784409	1.06105	1.06105	0.0148344	1.91115	1.91115	0.249018	1.29741	1.29741	0.198585	1.34123	1.34123	2.69098	1.99018	0.657397	1
cg24182293	HES1	0.0890479	0.0369284	1.33957	1.33957	0.935992	1.00974	1.00974	0.574789	1.07077	1.07077	0.538526	1.07802	1.07802	0.0827011	0.793077	-1.26091	0.0389479	0.749496	-1.33423	0.828649	1.02649	1.02649	0.0921958	1.25058	1.25058	0.259547	1.15245	1.15245	2.69097	0.620273	0.20489	1
cg06094113	BTBD18	0.0890486	0.0434912	0.487697	-2.05045	0.734438	0.900046	-1.11105	0.888114	1.0445	1.0445	0.676745	1.13846	1.13846	0.0104203	0.368782	-2.71163	0.440493	0.784037	-1.27545	0.165427	0.632818	-1.58023	0.313354	1.3806	1.3806	0.0557009	0.511433	-1.95529	2.69097	4.07687	1.34669	1
cg07524919	TNXB	0.0890488	0.0264557	0.122334	-8.17432	0.676438	0.715266	-1.39808	0.551281	0.617972	-1.6182	0.0538876	5.73979	5.73979	0.039961	0.150216	-6.65707	0.0726276	0.202064	-4.94892	0.32954	0.447793	-2.23317	0.316361	0.437323	-2.28664	0.943024	0.944529	-1.05873	2.69096	27.1692	8.97464	1
cg19496782	GATA6	0.0890502	0.441023	0.85361	-1.1715	0.926584	0.981605	-1.01874	0.0540914	1.55336	1.55336	0.679644	0.919751	-1.08725	0.778416	0.944755	-1.05848	0.735586	0.933997	-1.07067	0.00499916	0.473149	-2.1135	0.440843	1.17157	1.17157	0.324067	0.81451	-1.22773	2.69095	1.7296	0.571333	1
cg19477921	C6orf174	0.089052	0.372487	0.688549	-1.45233	0.800521	1.1087	1.1087	0.718474	1.15899	1.15899	0.291272	0.639973	-1.56257	0.261535	0.620514	-1.61157	0.079711	0.452655	-2.20919	0.0545767	0.411158	-2.43215	0.014699	3.40079	3.40079	0.893653	1.05603	1.05603	2.69092	7.07943	2.33854	1
cg13665890	SLC25A31	0.0890526	?	?	?	0.805588	0.881344	-1.13463	0.952939	0.970223	-1.03069	0.12341	0.425377	-2.35085	0.007966	0.175109	-5.71072	0.0237736	0.251035	-3.98351	0.109716	0.409375	-2.44275	0.599187	0.762126	-1.31212	0.358369	0.616456	-1.62218	2.72242	10.0551	3.69343	1
cg27302645	MAPKBP1;MAPKBP1	0.0890531	0.220761	2.80732	2.80732	0.599101	1.53013	1.53013	0.63886	0.684535	-1.46085	0.0540386	5.7748	5.7748	0.444344	1.86873	1.86873	0.173726	3.19157	3.19157	0.0248777	8.50705	8.50705	0.0154673	10.8262	10.8262	0.0447439	6.3438	6.3438	2.69091	27.4016	9.05159	1
cg23667555	KRAS;KRAS	0.0890577	0.457957	1.77076	1.77076	0.0128544	0.0804157	-12.4354	0.292853	0.435787	-2.2947	0.764507	0.797805	-1.25344	?	?	?	?	?	?	0.357207	2.05125	2.05125	?	?	?	?	?	?	3.30241	15.612	5.67293	1
cg15844443	TTC7B	0.0890579	0.0281313	0.280552	-3.5644	0.243684	0.549957	-1.81832	0.561051	0.749687	-1.33389	0.70364	1.20604	1.20604	0.0120904	0.215744	-4.63512	0.42243	0.669209	-1.4943	0.026604	0.27579	-3.62595	0.782909	0.873381	-1.14498	0.099761	0.413048	-2.42103	2.69085	10.2394	3.38246	1
cg02317251	WDR1;WDR1	0.0890604	0.824735	1.0986	1.0986	0.913442	1.04718	1.04718	0.0373918	0.3591	-2.78474	0.223919	1.71894	1.71894	0.156486	0.525903	-1.90149	0.259584	0.60736	-1.64647	0.00987547	0.250993	-3.98417	0.414923	1.42379	1.42379	0.796777	0.896359	-1.11562	2.69082	7.66076	2.53067	1
cg11544115	SIL1;SIL1	0.0890604	0.451703	0.858044	-1.16544	0.403962	1.18592	1.18592	0.426136	0.850221	-1.17616	0.0596757	0.654202	-1.52858	0.285561	1.2479	1.2479	0.787573	1.05541	1.05541	0.0265895	1.6901	1.6901	0.052089	0.64326	-1.55458	0.303187	0.808197	-1.23732	2.69082	1.69908	0.561278	1
cg13604887	ZNF43;ZNF43	0.0890613	0.887803	0.970316	-1.03059	0.20448	1.33086	1.33086	0.0704431	1.53972	1.53972	0.891406	1.02959	1.02959	0.514545	1.15152	1.15152	0.722965	1.07894	1.07894	0.0185221	0.543552	-1.83975	0.767338	0.938632	-1.06538	0.0297778	1.72618	1.72618	2.6908	1.94182	0.641468	1
cg14571092	RTN4RL1	0.0890629	0.0309288	0.389141	-2.56976	0.0765723	0.480097	-2.08291	0.0760005	0.479261	-2.08655	0.114427	0.52752	-1.89566	0.00857225	0.286775	-3.48705	0.144115	0.557382	-1.7941	0.225041	0.622096	-1.60747	0.217495	0.616758	-1.62138	0.094238	0.503942	-1.98436	2.69078	5.91307	1.95336	1
cg11208322	MAGI2	0.0890647	0.882471	1.04709	1.04709	0.451308	0.787634	-1.26963	0.899495	0.961458	-1.04009	0.449692	1.27075	1.27075	0.0913167	0.56078	-1.78323	0.369052	1.33238	1.33238	0.00500787	3.17442	3.17442	0.20827	1.51084	1.51084	0.384605	1.31955	1.31955	2.69076	4.12335	1.36214	1
cg16815882	KIAA0319L	0.0890648	0.269753	0.706433	-1.41556	0.212975	1.4868	1.4868	0.873534	1.04935	1.04935	0.695852	0.887984	-1.12615	0.206033	0.668065	-1.49686	0.0335167	0.471872	-2.11922	0.00897056	0.366059	-2.7318	0.489623	1.23644	1.23644	0.375365	0.75948	-1.31669	2.69076	3.8969	1.28733	1
cg21078247	CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.0890692	0.0446293	0.621372	-1.60934	0.304963	0.803133	-1.24512	0.0787731	0.668392	-1.49613	0.268885	0.788484	-1.26826	0.00941027	0.506933	-1.97265	0.717032	0.927636	-1.07801	0.199985	1.32235	1.32235	0.532501	0.877676	-1.13937	0.153831	0.72971	-1.37041	2.6907	1.81502	0.599601	1
cg04721268	RHBDF1	0.0890704	0.26939	0.737947	-1.35511	0.109196	1.58642	1.58642	0.0692556	0.584499	-1.71087	0.293217	0.749703	-1.33386	0.744655	0.917279	-1.09018	0.910963	1.03	1.03	0.0123548	0.439131	-2.27722	0.910141	1.03028	1.03028	0.0635602	0.576306	-1.73519	2.69069	2.97462	0.982687	1
cg13649441	MUC5B	0.0890715	0.0307226	0.268456	-3.72501	0.0615746	0.335846	-2.97755	0.0932264	0.384116	-2.60338	0.120245	0.417563	-2.39485	0.0597876	0.332675	-3.00594	0.238337	0.527309	-1.89642	0.013629	0.205716	-4.86108	0.069836	0.349766	-2.85905	0.203684	0.498985	-2.00407	2.69067	11.4417	3.77988	1
cg08800710	ATP11A;ATP11A	0.0890722	0.589725	1.13008	1.13008	0.57357	1.13626	1.13626	0.00968982	2.08588	2.08588	0.0580716	1.61802	1.61802	0.617631	0.893098	-1.1197	0.123749	1.45425	1.45425	0.0289479	1.7833	1.7833	0.116463	1.46694	1.46694	0.966031	1.00961	1.00961	2.69067	2.15042	0.710415	1
cg12595016	NAT8L	0.0890754	0.551919	1.32445	1.32445	0.0581601	0.367979	-2.71755	0.775271	0.874901	-1.14299	0.774501	0.874487	-1.14353	0.0581672	0.367992	-2.71745	0.421353	0.681454	-1.46745	0.193543	1.90095	1.90095	0.0144613	0.244855	-4.08404	0.105636	0.438082	-2.28268	2.69062	9.2899	3.06906	1
cg20483962	DVL2	0.0890761	0.0481424	0.400254	-2.49841	?	?	?	0.474457	1.33576	1.33576	0.422325	0.721499	-1.386	?	?	?	0.0521747	0.408726	-2.44663	?	?	?	0.174365	1.78439	1.78439	0.261074	1.59727	1.59727	2.98781	4.86669	1.90032	1
cg15178714	F12	0.0890767	0.0314789	0.621105	-1.61003	0.540618	1.12405	1.12405	0.253095	0.798244	-1.25275	0.580839	1.11103	1.11103	0.415525	0.85461	-1.17012	0.822606	0.958495	-1.0433	0.0333179	1.59931	1.59931	0.0544488	0.662357	-1.50976	0.254939	0.799003	-1.25156	2.69061	1.5187	0.501729	1
cg18726036	FKBP5;FKBP5;FKBP5	0.0890781	0.531229	0.838641	-1.19241	0.0172894	0.447303	-2.23562	0.0341343	0.503614	-1.98565	0.542472	0.84277	-1.18656	0.0660432	0.564317	-1.77205	0.202007	0.688133	-1.45321	0.461687	1.23109	1.23109	0.171411	1.49781	1.49781	0.767092	0.920897	-1.0859	2.69059	3.28035	1.08373	1
cg05406954	PPM1M;PPM1M	0.0890822	0.155095	0.705737	-1.41696	0.174956	0.718604	-1.39159	0.232373	0.750609	-1.33225	0.0564585	0.609773	-1.63995	0.0152908	0.505551	-1.97804	0.687425	1.09707	1.09707	0.434637	0.833106	-1.20033	0.02426	0.540545	-1.84998	0.464645	1.18585	1.18585	2.69054	2.23566	0.738609	1
cg09192940	RGS11;RGS11	0.0890826	0.0360335	0.0446154	-22.4138	0.758502	0.67486	-1.48179	0.60259	0.511769	-1.95401	0.765779	0.683202	-1.4637	0.041104	0.0495242	-20.1922	0.100136	0.100535	-9.94682	0.0104808	0.016439	-60.8311	0.718712	0.630506	-1.58603	0.0511496	0.0588861	-16.9819	2.69053	69.2926	22.8927	1
cg06569542	SLIT1	0.0890828	0.251957	0.558696	-1.78988	0.771682	0.868027	-1.15204	0.124543	0.445332	-2.24551	0.619893	1.27535	1.27535	0.051831	0.340837	-2.93395	0.357558	1.58447	1.58447	0.0147576	4.30431	4.30431	0.329756	1.63108	1.63108	0.711253	0.834547	-1.19826	2.69053	10.0828	3.33113	1
cg02285003	MTMR12	0.0890829	0.596558	1.30186	1.30186	0.00478581	6.35333	6.35333	0.0286126	3.57912	3.57912	0.158652	2.10435	2.10435	0.966936	1.02068	1.02068	0.558637	0.746729	-1.33917	0.734444	1.18308	1.18308	0.172027	2.04999	2.04999	0.7857	1.14405	1.14405	2.69053	10.3895	3.43246	1
cg23097686	TMPO;TMPO;TMPO;LOC100128191	0.089083	0.407959	0.88285	-1.13269	0.00819598	0.607754	-1.6454	0.578609	0.920726	-1.0861	0.137205	0.790048	-1.26575	0.0281903	0.682825	-1.4645	0.117118	0.77835	-1.28477	0.412637	1.13123	1.13123	0.118051	0.778929	-1.28381	0.346828	0.867095	-1.15328	2.69053	0.923425	0.305079	1
cg07560825	ADRA2A	0.0890831	0.0126068	0.25199	-3.96842	0.324611	0.636338	-1.57149	0.189342	1.85491	1.85491	0.0671396	0.401806	-2.48876	0.487141	1.36851	1.36851	0.341409	0.646854	-1.54594	0.474939	0.724069	-1.38108	0.97576	1.01359	1.01359	0.0451048	0.36001	-2.7777	2.69053	8.41438	2.77992	1
cg18038215	THEG;THEG	0.0890849	0.192582	0.54709	-1.82785	0.570031	0.777977	-1.28539	0.152487	0.511571	-1.95476	0.753194	0.871138	-1.14792	0.0396882	0.353368	-2.82991	0.0699912	0.412282	-2.42553	0.00970185	0.239072	-4.18284	0.427025	1.42574	1.42574	0.0960482	0.44961	-2.22415	2.6905	8.15057	2.69279	1
cg25996566	GRPEL1	0.0890853	0.202567	0.772687	-1.29419	?	?	?	0.801642	0.952892	-1.04944	0.252126	1.25774	1.25774	0.328543	0.824225	-1.21326	0.049684	0.651033	-1.53602	0.00657825	0.508395	-1.96697	0.815609	0.956209	-1.0458	0.645224	0.914967	-1.09294	2.72199	1.40808	0.517299	1
cg10293967	IRS4	0.0890858	0.0812067	0.261488	-3.82427	0.803368	0.841044	-1.189	0.988624	0.990156	-1.00994	0.894749	1.09619	1.09619	0.142788	0.335221	-2.9831	0.718802	0.778108	-1.28517	0.341543	0.506596	-1.97396	0.00819296	10.459	10.459	0.222454	2.43427	2.43427	2.69049	20.5163	6.77821	1
cg10026995	BRSK2	0.0890862	0.275819	1.58386	1.58386	0.00838158	3.92068	3.92068	0.0171633	3.24835	3.24835	0.512128	1.30957	1.30957	0.672496	1.18825	1.18825	0.547573	0.781239	-1.28002	0.348831	1.47883	1.47883	0.276217	1.58321	1.58321	0.384325	0.696393	-1.43597	2.69049	7.01195	2.31662	1
cg13966159	MARK1	0.0890877	0.639934	0.907354	-1.10211	0.482179	0.862946	-1.15882	0.151645	0.728335	-1.37299	0.630015	0.904694	-1.10535	0.460593	1.16768	1.16768	0.999236	1.0002	1.0002	0.0128825	0.52877	-1.89118	0.0668926	1.52788	1.52788	0.11187	1.42942	1.42942	2.69047	1.81447	0.599473	1
cg08897854	SPG7;SPG7	0.0890877	0.087539	1.43572	1.43572	0.821259	1.04435	1.04435	0.00516464	0.492598	-2.03005	0.491288	0.874546	-1.14345	0.198977	1.29727	1.29727	0.932838	0.983967	-1.01629	0.921599	1.01906	1.01906	0.945786	0.987044	-1.01313	0.309658	0.817423	-1.22336	2.69047	1.56681	0.51765	1
cg21300403	BOLL;BOLL	0.0890908	0.359378	1.19788	1.19788	0.0588693	1.505	1.505	0.670454	0.921263	-1.08547	0.391831	1.18304	1.18304	0.0166413	1.75105	1.75105	0.257	1.25441	1.25441	0.0078183	1.92344	1.92344	0.325641	1.21465	1.21465	0.507561	1.13747	1.13747	2.69043	1.56416	0.516783	1
cg15319451	TMEM51;TMEM51;TMEM51;TMEM51	0.0890911	0.949091	0.990561	-1.00953	0.117299	1.28746	1.28746	0.129387	1.27553	1.27553	0.332672	1.16001	1.16001	0.139931	0.789874	-1.26603	0.607601	1.07996	1.07996	0.0102562	0.618431	-1.617	0.430398	0.88733	-1.12698	0.835823	0.969649	-1.0313	2.69042	0.939945	0.310548	1
cg21927971	VSNL1	0.0890946	0.0219285	0.288801	-3.46259	0.136487	0.484453	-2.06418	0.128225	0.475757	-2.10191	0.373102	0.661616	-1.51145	0.0285424	0.311203	-3.21333	0.225494	0.562677	-1.77722	0.0178972	0.272521	-3.66944	0.146919	0.494972	-2.02032	0.0611718	0.385536	-2.59379	2.69038	8.69614	2.87316	1
cg07983304	SLITRK4	0.0890957	0.559145	0.742367	-1.34704	0.0427517	0.308417	-3.24236	0.254834	0.549019	-1.82143	0.275048	1.77312	1.77312	0.0526897	0.32928	-3.03693	0.31996	0.59552	-1.6792	0.332185	1.65626	1.65626	0.0428026	3.24115	3.24115	0.600596	0.766112	-1.30529	2.69037	10.8385	3.58101	1
cg19472909	TMEM175	0.0890963	0.227962	0.727978	-1.37367	0.722043	0.914287	-1.09375	0.925959	0.976951	-1.02359	0.923506	0.976194	-1.02439	0.0201255	0.494943	-2.02044	0.0276621	1.9216	1.9216	0.193785	1.4119	1.4119	0.518166	0.848444	-1.17863	0.164865	0.689549	-1.45022	2.69036	2.68183	0.886069	1
cg16848524	KIAA1688	0.0890988	0.0450993	7.98712	7.98712	0.0389394	8.67361	8.67361	0.203585	3.36283	3.36283	0.268938	2.83077	2.83077	0.0677211	6.35677	6.35677	0.0762146	5.9472	5.9472	0.120343	4.58469	4.58469	0.0148971	14.9752	14.9752	0.0616059	6.7043	6.7043	2.69033	34.8015	11.4985	1
cg04305808	ZKSCAN1	0.0890995	0.939131	0.971091	-1.02977	0.0106336	0.291183	-3.43427	0.139245	0.54267	-1.84274	0.741488	0.880596	-1.13559	0.134658	0.538193	-1.85807	0.0622738	0.446586	-2.23921	0.200969	0.595245	-1.67998	0.0412477	0.404781	-2.47047	0.386366	1.40647	1.40647	2.69032	6.28647	2.07707	1
cg25262866	BZW2;BZW2;ANKMY2;BZW2	0.0891008	0.523694	1.10085	1.10085	0.290099	0.849389	-1.17732	0.0428344	1.41422	1.41422	0.205238	0.819792	-1.21982	0.0484592	1.3982	1.3982	0.227754	1.20712	1.20712	0.697062	1.05989	1.05989	0.0224727	1.50148	1.50148	0.849442	0.972141	-1.02866	2.6903	0.941809	0.311178	1
cg08492886	GFOD1;C6orf114	0.0891015	0.758012	1.2681	1.2681	0.0370908	6.42644	6.42644	0.0160707	0.103894	-9.62517	0.414801	1.89775	1.89775	0.670395	0.71961	-1.38964	0.826554	1.18373	1.18373	?	?	?	?	?	?	0.358158	2.06731	2.06731	2.76082	20.0894	8.31611	1
cg23169111	AVP	0.089102	0.516076	0.890441	-1.12304	0.248521	0.808501	-1.23686	0.0136691	0.58424	-1.71163	0.313867	0.832306	-1.20148	0.936857	1.01406	1.01406	0.66771	1.07908	1.07908	0.0456596	1.49752	1.49752	0.929788	1.01565	1.01565	0.0674476	0.696919	-1.43489	2.69029	1.3232	0.437194	1
cg17265419	ITGA4	0.0891032	0.0773997	0.395511	-2.52838	0.0478484	0.343367	-2.91234	0.0315817	0.303909	-3.29046	0.0282507	0.294078	-3.40046	0.028834	0.295858	-3.38	0.410598	0.671947	-1.48821	0.943975	1.03376	1.03376	0.124897	0.45617	-2.19217	0.863208	0.921751	-1.08489	2.69027	9.5122	3.14291	1
cg08287175	COL18A1;COL18A1;COL18A1	0.0891038	0.786511	1.07275	1.07275	0.689276	0.901252	-1.10957	0.64651	0.887405	-1.12688	0.851612	0.952712	-1.04963	0.450946	0.8198	-1.21981	0.0240406	0.498457	-2.00619	0.00359166	0.360578	-2.77333	0.216075	0.714074	-1.40042	0.923241	0.975378	-1.02524	2.69026	2.85125	0.94208	1
cg18468572	MCF2L;MCF2L	0.0891046	0.65054	1.10591	1.10591	0.102076	1.48436	1.48436	0.0358935	1.71399	1.71399	0.142692	1.41594	1.41594	0.291361	0.785305	-1.27339	0.0934901	1.50262	1.50262	0.0214071	1.84084	1.84084	0.563097	0.878931	-1.13775	0.626476	0.897388	-1.11434	2.69025	2.07609	0.685962	1
cg07442479	GDNF;GDNF	0.0891052	0.741248	0.860556	-1.16204	0.237987	0.571096	-1.75102	0.515513	0.741682	-1.34829	0.834604	1.09939	1.09939	0.0131268	0.248087	-4.03084	0.476703	0.720413	-1.38809	0.365221	0.655967	-1.52447	0.0057171	0.193549	-5.16664	0.801439	1.12098	1.12098	2.69025	8.75146	2.89158	1
cg05710479	CAMTA1	0.0891059	0.726701	1.07539	1.07539	0.740212	1.07135	1.07135	0.0226641	0.568279	-1.7597	0.316744	0.807044	-1.23909	0.682802	1.08883	1.08883	0.121729	1.41548	1.41548	0.0641309	1.53865	1.53865	0.1598	0.73263	-1.36495	0.151239	0.727211	-1.37512	2.69024	1.82789	0.60396	1
cg05809553	DCTN4;DCTN4;DCTN4;DCTN4	0.0891074	0.374227	1.20081	1.20081	0.910809	1.02274	1.02274	0.0255789	1.70267	1.70267	0.057496	1.53884	1.53884	0.0948336	1.44531	1.44531	0.525636	1.13773	1.13773	0.37714	0.833744	-1.19941	0.164136	0.742405	-1.34697	0.0533218	1.55337	1.55337	2.69022	1.71517	0.566719	1
cg21931864	SH3D20	0.0891096	0.0178044	0.365469	-2.73621	0.662658	1.16575	1.16575	0.512408	0.792844	-1.26128	0.611631	1.1959	1.1959	0.0378619	0.431175	-2.31925	0.35516	1.3942	1.3942	0.692231	0.870227	-1.14913	0.0246807	0.392751	-2.54614	0.36701	0.723414	-1.38233	2.69019	5.20091	1.71848	1
cg03067192	SBDSP;TYW1B;TYW1B;SBDSP;SBDSP;SBDSP	0.0891145	0.859946	0.955838	-1.0462	0.142464	1.49662	1.49662	0.760872	0.924905	-1.08119	0.0303114	0.521414	-1.91786	0.536001	0.851909	-1.17383	0.698781	0.905339	-1.10456	0.00858622	0.424311	-2.35676	0.849081	0.952448	-1.04993	0.340822	1.28536	1.28536	2.69013	2.78662	0.920771	1
cg08461692	MYH10	0.0891145	0.124723	0.631563	-1.58337	0.339718	0.7618	-1.31268	0.404917	0.790077	-1.2657	0.322347	1.32666	1.32666	0.0416352	0.522344	-1.91445	0.164265	0.663426	-1.50733	0.839482	0.945465	-1.05768	0.0230194	2.12065	2.12065	0.543774	1.1852	1.1852	2.69013	3.25728	1.07629	1
cg10457504	MAPK7;MAPK7;MAPK7;MAPK7	0.0891157	0.11677	0.872576	-1.14603	0.0274203	1.23206	1.23206	0.60844	0.959512	-1.0422	0.0124867	1.28223	1.28223	0.807752	1.01969	1.01969	0.57685	1.04612	1.04612	0.430425	0.937655	-1.06649	0.864518	1.01375	1.01375	0.335551	1.08267	1.08267	2.69011	0.272586	0.09007	1
cg10564791	STK10	0.0891166	0.159519	0.484821	-2.06262	0.0722541	0.380533	-2.62789	0.626303	0.789511	-1.26661	0.541466	0.742526	-1.34675	0.041112	0.321425	-3.11115	0.170077	0.494716	-2.02136	0.00672272	0.184024	-5.43407	0.0478622	0.336378	-2.97285	0.190278	0.512707	-1.95043	2.6901	9.88264	3.26552	1
cg03921896	PCM1	0.08912	0.129912	0.787362	-1.27006	0.414021	0.885126	-1.12978	0.478246	1.11111	1.11111	0.203205	0.821779	-1.21687	0.0783911	0.751474	-1.33072	0.0946825	0.764592	-1.30789	0.924293	1.01399	1.01399	0.652383	0.935885	-1.06851	0.0172852	1.52769	1.52769	2.69006	0.909806	0.300632	1
cg01485549	FTO	0.0891206	0.0264919	0.143728	-6.95758	0.0674029	0.220624	-4.53259	0.100612	0.26547	-3.76691	0.396146	0.526879	-1.89797	0.0193843	0.124333	-8.04294	0.428723	0.551141	-1.81442	0.100078	0.264813	-3.77625	0.839217	0.86087	-1.16162	0.0258086	0.142003	-7.04208	2.69005	23.1681	7.65556	1
cg02745822	WISP1;WISP1	0.0891228	0.0832531	0.403933	-2.47566	0.882266	0.93234	-1.07257	0.393234	0.661364	-1.51203	0.0710967	0.385532	-2.59382	0.00543859	0.177461	-5.63504	0.237926	0.557425	-1.79396	0.378447	0.652339	-1.53295	0.032511	0.306325	-3.2645	0.20516	0.531556	-1.88127	2.69002	9.52137	3.14623	1
cg20194364	HSP90AB1	0.0891242	0.270171	0.657444	-1.52104	0.825424	0.922477	-1.08404	0.319925	1.45561	1.45561	0.262385	1.53244	1.53244	0.261299	0.651867	-1.53406	0.0846821	0.498307	-2.00679	0.0135162	0.327377	-3.05459	0.324897	1.44967	1.44967	0.0944103	0.510894	-1.95735	2.69	5.68443	1.87837	1
cg16590792	GTDC1;GTDC1;GTDC1	0.0891242	0.623742	0.926681	-1.07912	0.324779	0.855042	-1.16953	0.261257	1.19774	1.19774	0.530226	1.10288	1.10288	0.026669	1.49854	1.49854	0.309581	0.850489	-1.17579	0.00994067	1.65114	1.65114	0.65176	1.07248	1.07248	0.727479	0.947545	-1.05536	2.69	1.01052	0.333918	1
cg17314961	ATP11A;ATP11A	0.0891266	0.113	0.387196	-2.58267	0.919012	1.05754	1.05754	0.397231	0.620755	-1.61094	0.596795	0.745527	-1.34133	0.0339785	0.256287	-3.90188	0.20236	2.0967	2.0967	0.0181024	0.206199	-4.84969	0.187202	2.15746	2.15746	0.453785	0.657214	-1.52158	2.68997	12.89	4.25943	1
cg20336981	OLIG3	0.0891269	0.502328	0.707437	-1.41355	0.80372	1.13495	1.13495	0.179187	2.0655	2.0655	0.426694	0.661936	-1.51072	0.461602	0.683177	-1.46375	0.884474	0.928755	-1.07671	0.454323	0.678785	-1.47322	0.0030928	7.83055	7.83055	0.653341	1.25838	1.25838	2.68997	11.0099	3.63816	1
cg05274674	CST3	0.0891289	0.559126	0.874065	-1.14408	0.0131429	0.496248	-2.01512	0.0750302	0.63651	-1.57107	0.785682	0.939782	-1.06408	0.501064	0.855894	-1.16837	0.82783	1.05088	1.05088	0.0359146	1.74391	1.74391	0.265409	0.767622	-1.30272	0.365122	0.808933	-1.2362	2.68994	2.21198	0.730947	1
cg12631735	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.089136	?	?	?	?	?	?	0.528619	1.55589	1.55589	0.783125	1.21016	1.21016	?	?	?	0.698352	1.30909	1.30909	0.557451	1.50789	1.50789	0.0133345	0.111606	-8.96011	0.0614135	0.226772	-4.40972	2.98686	14.7442	5.75909	1
cg10762132	SLC20A1;SLC20A1	0.0891362	0.090731	0.646137	-1.54766	0.0580956	1.65195	1.65195	0.534418	1.15888	1.15888	0.151281	0.697415	-1.43387	0.729335	1.08481	1.08481	0.0412722	0.575959	-1.73624	0.964563	0.989642	-1.01047	0.161357	1.41983	1.41983	0.170192	0.710099	-1.40825	2.68985	2.33978	0.773204	1
cg16705464	SAC3D1	0.0891373	0.0366959	0.731706	-1.36667	0.141299	0.815801	-1.22579	0.483566	1.09596	1.09596	0.00838858	0.648312	-1.54247	0.141283	0.815793	-1.2258	0.486174	1.09534	1.09534	0.151311	0.820467	-1.21882	0.514239	0.918399	-1.08885	0.567788	0.928378	-1.07715	2.68984	0.705584	0.233168	1
cg11895418	RPL28;RPL28;RPL28;RPL28;RPL28	0.0891393	0.191894	0.524966	-1.90488	0.0245384	0.28665	-3.48858	0.116729	2.2145	2.2145	0.731489	1.17431	1.17431	0.783295	1.13724	1.13724	0.959588	0.97664	-1.02392	0.0155788	0.250678	-3.98917	0.564232	1.31246	1.31246	0.859982	1.08585	1.08585	2.68981	9.26998	3.0634	1
cg10284884	TECTA	0.0891412	0.0675761	0.21929	-4.56017	0.0258739	0.140845	-7.1	0.16247	0.331227	-3.01908	0.305417	0.45551	-2.19534	0.0182807	0.119755	-8.35039	0.208861	0.374714	-2.6687	0.0336582	0.159079	-6.2862	0.185736	0.353572	-2.82828	0.0511024	0.192807	-5.18654	2.68979	23.3886	7.7292	1
cg25701781	DDIT4	0.0891419	0.895397	0.980717	-1.01966	0.0395933	1.42232	1.42232	0.0129675	1.57845	1.57845	0.667583	1.06604	1.06604	0.956464	0.991952	-1.00811	0.692544	0.942871	-1.06059	0.2159	0.824663	-1.21262	0.060352	1.36825	1.36825	0.196361	1.22411	1.22411	2.68978	0.933372	0.30845	1
cg10651600	IMPAD1	0.0891429	0.286824	1.12021	1.12021	0.952156	1.00618	1.00618	0.0138923	1.36607	1.36607	0.287856	1.11991	1.11991	0.111121	1.19498	1.19498	0.579911	1.05906	1.05906	0.987183	1.00165	1.00165	0.0271442	0.76459	-1.30789	0.984498	0.998008	-1.002	2.68977	0.448719	0.148288	1
cg03995567	KCTD17	0.0891464	0.0423732	1.55616	1.55616	0.417976	0.85508	-1.16948	0.638973	0.914497	-1.0935	0.059209	1.49619	1.49619	0.9681	0.992464	-1.00759	0.856646	1.0348	1.0348	0.789931	1.0518	1.0518	0.0756522	1.45361	1.45361	0.0123122	1.80332	1.80332	2.68972	1.52424	0.503726	1
cg02998017	KCNT2	0.0891471	0.145875	0.641282	-1.55938	0.50141	1.2143	1.2143	0.767663	0.919152	-1.08796	0.129645	1.59345	1.59345	0.0118212	0.408817	-2.44608	0.713467	0.900371	-1.11065	0.0886259	0.585963	-1.70659	0.244113	1.41449	1.41449	0.333196	0.752732	-1.32849	2.68971	3.44943	1.13996	1
cg24261767	FAT1	0.0891473	0.126121	0.797989	-1.25315	0.0734008	1.31286	1.31286	0.868692	0.977692	-1.02282	0.139877	0.805257	-1.24184	0.207795	1.19855	1.19855	0.639951	0.93778	-1.06635	0.0226572	1.45074	1.45074	0.400912	1.12439	1.12439	0.169206	1.22105	1.22105	2.68971	0.792051	0.261755	1
cg03168108	NRXN1;NRXN1	0.0891485	0.571583	0.902497	-1.10804	0.295448	0.823082	-1.21495	0.404837	0.858172	-1.16527	0.540146	1.11772	1.11772	0.368161	1.18043	1.18043	0.857509	1.03278	1.03278	0.659361	0.923482	-1.08286	0.219153	1.26099	1.26099	0.00330252	2.0507	2.0507	2.6897	1.37181	0.453355	1
cg23969200	SPATA8	0.0891486	0.345061	0.744531	-1.34313	0.151497	1.59388	1.59388	0.584431	1.18239	1.18239	0.278826	0.710659	-1.40714	0.474949	1.24657	1.24657	0.288413	0.71583	-1.39698	0.00623269	0.339083	-2.94913	0.260467	0.700449	-1.42766	0.166754	0.639425	-1.5639	2.6897	3.91975	1.2954	1
cg12492273	MAD1L1;MAD1L1;MAD1L1	0.0891499	0.53863	0.824166	-1.21335	0.0300579	2.2091	2.2091	0.599227	0.848133	-1.17906	0.0551315	0.508943	-1.96486	0.783035	1.08953	1.08953	0.0660014	0.526942	-1.89774	0.240984	1.46417	1.46417	0.18387	1.54949	1.54949	0.391568	0.761344	-1.31347	2.68968	4.11022	1.35835	1
cg19057227	TTC15	0.0891526	0.402191	1.66393	1.66393	0.84938	1.11953	1.11953	0.391087	1.68521	1.68521	0.135719	2.59845	2.59845	0.160697	0.410696	-2.43489	0.0523548	3.70777	3.70777	0.0155958	5.81885	5.81885	0.0623932	3.47535	3.47535	0.129409	2.64606	2.64606	2.68964	15.025	4.96554	1
cg08753172	INPP5K;INPP5K;INPP5K	0.0891537	0.0663834	0.356289	-2.80671	0.279164	0.568945	-1.75764	0.0922321	0.394972	-2.53182	0.567025	0.748242	-1.33647	0.0401347	0.30461	-3.28288	0.00912714	0.190121	-5.2598	0.628658	1.27669	1.27669	0.607243	0.771144	-1.29677	0.0746383	0.36958	-2.70577	2.68963	10.7024	3.537	1
cg00444847	PACSIN1	0.0891558	0.2667	0.657116	-1.5218	0.0455683	2.29769	2.29769	0.016153	2.9091	2.9091	0.324014	0.69102	-1.44714	0.709458	0.873016	-1.14545	0.431997	1.33775	1.33775	0.433399	0.748215	-1.33651	0.196164	0.608998	-1.64204	0.35896	0.710163	-1.40813	2.6896	5.60838	1.85352	1
cg02144389	DUOX1;DUOX1	0.0891575	0.444274	0.606392	-1.6491	0.54856	0.67749	-1.47604	0.0963398	0.310023	-3.22556	0.452453	0.612041	-1.63388	0.00463167	0.0892636	-11.2028	0.0680992	0.269713	-3.70765	0.337125	0.530074	-1.88653	0.0306502	0.196168	-5.09766	0.755639	0.818538	-1.22169	2.68958	17.5243	5.79166	1
cg12382363	LOC641367;ZNF100	0.0891581	0.362399	0.858198	-1.16523	0.830795	1.03557	1.03557	0.0443693	1.45822	1.45822	0.833614	1.03496	1.03496	0.200064	0.801623	-1.24747	0.990349	1.00198	1.00198	0.0266187	1.53605	1.53605	0.806416	1.04092	1.04092	0.0429621	0.683529	-1.463	2.68957	1.13663	0.37565	1
cg03544499	RASEF	0.08916	0.185126	1.79042	1.79042	0.0289326	2.96182	2.96182	0.105301	2.08954	2.08954	0.524213	0.766729	-1.30424	0.571685	0.790479	-1.26506	0.299324	0.64132	-1.55928	0.272895	0.624023	-1.60251	0.0295779	2.94394	2.94394	0.285353	1.58157	1.58157	2.87064	7.50807	2.03426	1
cg24861859	TNR	0.0891606	0.458366	1.29863	1.29863	0.0126158	2.92493	2.92493	0.022692	2.57015	2.57015	0.842047	1.07149	1.07149	0.683723	1.15228	1.15228	0.0803367	1.95681	1.95681	0.0228671	2.56585	2.56585	0.237959	1.53386	1.53386	0.497006	1.26952	1.26952	2.68954	5.10128	1.68596	1
cg22611359	ZNF252;TMED10P	0.0891621	0.69894	0.94382	-1.05952	0.375178	1.14501	1.14501	0.374918	0.873285	-1.1451	0.650905	1.07012	1.07012	0.465006	0.89527	-1.11698	0.0568765	1.37799	1.37799	0.0203482	1.51597	1.51597	0.042518	0.706448	-1.41553	0.732553	0.950246	-1.05236	2.68952	0.942871	0.311619	1
cg25389328	THRA;THRA	0.0891631	0.388841	1.21732	1.21732	0.480642	0.852452	-1.17309	0.0129774	1.98684	1.98684	0.0873812	1.52232	1.52232	0.599999	0.88885	-1.12505	0.705194	0.918849	-1.08832	0.0536552	0.613892	-1.62895	0.29168	1.27587	1.27587	0.487142	1.17024	1.17024	2.68951	2.11207	0.698045	1
cg12230795	ZNF547;TRAPPC2P1;ZNF547	0.0891638	0.902617	0.975561	-1.02505	0.085274	1.46898	1.46898	0.010166	1.92554	1.92554	0.695018	1.0829	1.0829	0.0839385	1.47192	1.47192	0.528295	1.13785	1.13785	0.104639	0.698705	-1.43122	0.426958	0.848779	-1.17816	0.70973	1.07851	1.07851	2.6895	1.74041	0.575212	1
cg07741016	VTRNA1-3	0.0891664	0.169099	3.2105	3.2105	0.0863762	4.51915	4.51915	0.434195	1.88762	1.88762	0.818873	0.833084	-1.20036	0.889606	1.11692	1.11692	0.327594	0.447273	-2.23577	0.0512528	5.8548	5.8548	0.0105612	12.948	12.948	0.0798744	4.69897	4.69897	2.68947	27.0006	8.92391	1
cg26381592	PMS1;PMS1;PMS1;ORMDL1;PMS1;PMS1;PMS1;ORMDL1	0.089167	0.567329	1.44192	1.44192	0.0189935	0.165669	-6.03613	0.147222	0.373605	-2.67663	0.0427986	0.228562	-4.37518	?	?	?	0.944824	1.04479	1.04479	0.631055	0.736169	-1.35838	?	?	?	0.0584288	0.258317	-3.87121	2.75994	13.6229	5.64109	1
cg26527487	LPPR5;LPPR5	0.0891685	0.408501	0.829763	-1.20516	0.116751	0.686471	-1.45672	0.591594	0.887314	-1.127	0.500693	1.16286	1.16286	0.076306	0.647059	-1.54545	0.759302	0.93441	-1.07019	0.00829436	2.10644	2.10644	0.33635	0.803464	-1.24461	0.941949	1.01621	1.01621	2.68944	2.07555	0.685993	1
cg23636994	C7orf28A	0.0891704	0.192979	0.850411	-1.1759	0.0468399	0.765184	-1.30688	0.623959	0.943543	-1.05984	0.121484	0.820816	-1.2183	0.0775401	0.793931	-1.25955	0.0152089	0.704233	-1.41999	0.178033	0.845082	-1.18332	0.868222	0.980659	-1.01972	0.171106	1.18696	1.18696	2.68942	0.589195	0.194737	1
cg21158795	PDPN;PDPN;PDPN;PDPN	0.0891713	0.515122	1.14708	1.14708	0.0434774	0.617091	-1.62051	0.0213728	0.562724	-1.77707	0.374291	1.20877	1.20877	0.395842	0.834614	-1.19816	0.493954	1.15537	1.15537	0.0891858	1.47654	1.47654	0.867055	0.965766	-1.03545	0.180447	0.744008	-1.34407	2.68941	1.84121	0.608548	1
cg24857117	PSMB5;PSMB5;PSMB5;PSMB5;PSMB5	0.0891715	0.212968	1.36572	1.36572	0.980684	1.00577	1.00577	0.013605	2.06563	2.06563	0.517882	1.16857	1.16857	0.0240573	0.527575	-1.89547	0.216345	1.36228	1.36228	0.498008	0.849187	-1.1776	0.845004	0.954554	-1.04761	0.878977	1.03687	1.03687	2.6894	2.40522	0.794963	1
cg06376277	FGFR4;FGFR4;FGFR4	0.0891723	0.287366	0.76235	-1.31173	0.635842	0.889436	-1.12431	0.225861	0.731689	-1.3667	0.0925818	0.634672	-1.57562	0.106407	0.64851	-1.542	0.0875217	1.58934	1.58934	0.00986513	0.448867	-2.22783	0.254493	0.746571	-1.33946	0.447448	0.826804	-1.20948	2.68939	2.57	0.849427	1
cg02072813	AKT1;AKT1;AKT1	0.0891793	0.335746	0.722401	-1.38427	0.0865568	0.537843	-1.85928	0.0807396	0.530219	-1.88601	0.203328	0.644107	-1.55254	0.0239613	0.413797	-2.41665	0.759313	1.10591	1.10591	0.0478526	2.09829	2.09829	0.722505	0.889756	-1.1239	0.335036	0.722034	-1.38498	2.68931	4.57097	1.51083	1
cg18827566	STAG3L2	0.0891793	0.281481	0.795157	-1.25761	0.662289	0.913934	-1.09417	0.134039	0.718275	-1.39222	0.11245	1.42458	1.42458	0.0773807	0.668947	-1.49489	0.245724	0.779876	-1.28225	0.0121668	0.527347	-1.89629	0.607373	0.899304	-1.11197	0.0765464	0.66802	-1.49696	2.6893	1.78614	0.59037	1
cg17487894	RASA3	0.0891796	0.136374	0.493593	-2.02596	0.111853	0.466838	-2.14207	0.0725181	0.414114	-2.41479	0.146504	0.50374	-1.98515	0.00840698	0.227423	-4.39709	0.0267747	0.31524	-3.17219	0.0962522	0.447731	-2.23348	0.592254	0.788316	-1.26853	0.171849	0.527343	-1.8963	2.6893	8.24458	2.72506	1
cg13722651	ZNF507;ZNF507	0.0891799	0.547431	0.90958	-1.09941	0.164975	0.794069	-1.25934	0.93532	0.987445	-1.01272	0.708378	1.06024	1.06024	0.523745	0.904306	-1.10582	0.990603	1.00183	1.00183	0.00210869	0.510144	-1.96023	0.701109	1.06188	1.06188	0.560419	1.09598	1.09598	2.6893	1.03216	0.341159	1
cg13858139	ZNF43	0.0891827	0.126157	1.35483	1.35483	0.749731	1.06049	1.06049	0.642742	0.917844	-1.08951	0.199279	0.779659	-1.28261	0.162953	0.760855	-1.31431	0.0928747	1.40398	1.40398	0.0927107	1.40426	1.40426	0.0323622	1.58377	1.58377	0.138112	1.34045	1.34045	2.68926	1.43445	0.474132	1
cg05437692	NR3C2;NR3C2	0.0891856	0.124268	2.80557	2.80557	?	?	?	0.433861	1.64043	1.64043	0.79355	0.849966	-1.17652	0.96713	1.02587	1.02587	0.0380507	0.22527	-4.43911	0.434229	1.63976	1.63976	0.0160517	6.21235	6.21235	0.560172	0.694104	-1.44071	2.72068	14.7141	5.40825	1
cg11036999	C1QTNF1;C1QTNF1;C1QTNF1	0.0891882	0.57899	1.16287	1.16287	0.209312	1.43132	1.43132	0.255972	0.725529	-1.3783	0.951337	1.01654	1.01654	0.754747	0.919179	-1.08793	0.0813675	1.69506	1.69506	0.00943019	0.39891	-2.50683	?	?	?	0.686563	0.896613	-1.11531	2.90049	2.88823	0.871302	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs.105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs.111T 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.1127 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217 217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs.1247 247 vs. N)	p-value(1437 vs. N)	Fold-Change(1 vs.1437 477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537 537 vs. N)	p-value(1537T vs. N)	Fold-Change(1 vs.1537T 537 vs. N)	p-value(563T vs. N)	Fold-Change(1 vs.563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg16279260	SHANK2;SHANK2	0.0891882	0.278617	0.73251	-1.40242	0.00467363	0.323339	-3.09273	0.89146	1.04184	1.04184	0.798121	1.02999	1.07999	?	?	?	?	?	?	?	?	?	?	?	?	?
cg19285532	TULP2	0.0891896	0.593329	1.19444	1.19444	0.603711	1.18841	1.18841	0.160394	0.609984	-1.63939	0.0033336	0.479324	-2.08627	0.0880502	0.509878	-1.96125	0.2778192	0.712619	-1.40328	0.330175	0.739582	-1.35212	0.0454002	0.502083	-1.9917	0.971989	1.0106	-1.0106	2.72065	3.45208	1.26884
cg06719602	CSE1L	0.0891906	0.833418	1.0304	1.0304	0.0372756	0.70908	-1.41028	0.335041	0.868163	-1.15186	0.865268	0.97614	-1.02444	0.94996	1.00896	1.00896	0.0172457	0.384134	-2.60204	0.404132	0.754733	-1.32497	0.220748	1.52859	1.52859	0.217151	0.6518	-1.53421	0.68917	4.62765	1.52964
cg19953458	DNAJB13	0.0891911	0.762992	0.866003	-1.15473	0.258871	0.571000	-1.75128	0.014573	0.238017	-4.1838	0.903494	0.943192	-1.06041	0.0134161	0.2130858	-4.29078	0.1234571	0.452146	-2.21167	0.2270758	0.5470317	-1.8281	0.0404939	0.324489	-3.08177	0.171212	0.500257	-1.99977	2.68916	9.63754	3.18565
cg05729995	CBARA1	0.0891912	0.0312119	1.13131	1.13131	0.158386	1.17545	1.17545	0.0172827	1.36464	1.36464	0.3127	0.894085	-1.11846	0.103134	1.21062	1.21062	0.2423335	1.14018	1.14018	0.496605	0.928672	-1.07681	0.29647	1.12305	1.12305	0.137121	1.18728	1.18728	2.68915	0.489503	0.161803	1
cg27230427	LOC283576;LOC285768	0.0891914	0.0529891	0.271839	-3.67865	0.0400217	0.245174	-4.07074	0.0204829	0.191295	-5.22763	0.255764	0.495233	-2.02925	0.0280534	0.25104	-4.65029	0.250621	0.491113	-2.03619	0.0506961	0.267965	-3.73183	0.173353	0.423958	-2.35872	0.1031	0.347787	-2.87532	2.68915	14.9431	4.93938
cg20788187	RAD1;BRIX1;RAD1	0.0891918	0.574882	0.66946	-1.49374	0.838239	1.15552	1.15552	0.40352	1.834	1.834	0.162531	2.90041	2.90041	0.698621	1.3169	1.3169	0.905225	1.08787	1.08787	0.00411211	0.0575516	-17.3757	0.210229	0.390212	-2.56271	0.478362	0.59997	-1.66675	2.87018	22.244	6.02782
cg06367601	STOX2;STOX2	0.0891948	0.117111	0.813174	-1.22945	0.2060318	0.113655	1.13963	0.1123584	0.816798	-1.22434	0.311104	0.880583	-1.13561	0.759968	1.03789	1.03789	0.4804903	0.916652	-1.09093	0.266827	0.889023	-1.15072	0.12275	1.12991	1.12991	0.0205139	1.40316	1.40316	2.68911	0.627151	0.207906	1
cg19372286	PTAFR;PTAFR	0.0891961	0.0189963	1.210944	1.7406	0.248338	0.5162	-1.59724	0.0509683	0.295762	-3.68109	0.962624	0.02601	1.0601	0.0505157	0.2948866	-3.39137	0.0419791	0.276866	-3.61185	0.0319596	0.252286	-3.96376	0.148884	0.680247	-1.47005	0.19733	0.473892	-2.11039	2.68909	12.7878	4.22706
cg14364447	KHDC1	0.0891964	0.506368	1.13446	1.13446	0.440701	0.86319	-1.15849	0.0153713	1.74469	1.74469	0.853536	1.03518	1.03518	0.926649	1.01738	1.01738	0.935895	1.01517	1.01517	0.0117641	0.555018	-1.80174	0.819498	1.04369	1.04369	0.466236	0.870457	-1.14882	2.68909	1.49108	0.492882	1
cg15551525	NCAPG2	0.0891982	0.128328	1.33831	1.33831	0.0705408	0.954106	-1.04788	0.855854	0.803687	-1.24427	0.573861	1.30514	1.30514	0.765671	1.09049	1.09049	0.0646115	0.694074	-1.44077	0.454485	1.12969	-1.12969	0.0882294	1.81246	1.81246	0.777213	1.05117	1.05117	2.68904	1.31844	0.435722	1
cg06868100	PRR15	0.0892004	0.726399	0.868981	-1.15077	0.0294646	0.786099	-1.78699	0.171363	0.558694	-1.78989	0.870979	0.940001	-1.06383	0.814439	0.910297	-1.09854	0.102546	0.528107	0.2028119	0.022819	0.0432266	-2.39265	0.0382734	0.512418	-1.95153	0.422193	0.720552	-1.38783	2.68901	6.80541	2.24962	1
cg01456712	PHOX2B;PHOX2B	0.0892010	0.28332	2.795511	2.795511	0.118094	4.7563	4.7563	0.103088	5.14651	5.14651	0.171567	3.810021	3.936977	0.0402624	2.424371	2.424371	0.5577126	0.595007	-1.67981	0.0950983	0.2966	3.372055	1.02351	0.0510983	29.9679	0.7625002	1.32119	1.32119	2.68891	35.9071	11.8898	1
cg01584139	LGSN;LGSN	0.0892018	0.040137	0.225091	-4.42691	0.258873	0.887566	-1.12668	0.0164705	0.159075	-6.28633	0.261311	0.479564	-2.08523	0.8397724	1.01264	1.01264	0.1335461	0.328372	-2.6118	0.166175	0.3966946	-2.52496	0.912062	0.933047	-1.07176	0.0145016	0.151164	-6.61531	2.68889	16.7589	5.34012	1
cg27241909	LOC285810;LOC285830	0.0892127	0.0783122	0.401934	-2.48797	0.362065	0.54742	-1.54742	0.559656	0.31561	-3.16641	0.990546	1.00554	1.00554	0.0110664	0.22012	-4.54297	0.60589	1.27449	1.27449	0.210053	0.540325	-1.85074	0.0413639	0.334047	-2.99359	0.541888	0.749949	-1.33342	2.68888	9.24881	3.05747	1
cg14722674	MED15;MED15;ME015;MED15;ME015	0.0892146	0.505344	1.19111	1.29111	0.865157	0.937785	-1.06634	0.862008	0.936363	-1.06796	0.525853	1.22498	1.22498	0.756703	1.14293	1.14293	0.0042592	0.230639	-4.34378	0.0357878	0.2401205	-4.16272	0.0328072	0.380188	-2.56945	0.504384	0.773972	-1.29204	2.68886	6.08258	2.01079	1
cg06784429	SFRS13A;SFRS13A;SFRS13A;SFRS13A	0.0892154	0.056732	0.308818	-3.23815	0.397631	0.59115	1.59115	0.569273	1.36049	1.36049	0.739864	0.836819	-1.195	?	?	?	0.0961766	0.371379	-2.69267	0.0371601	3.75719	3.75719	0.211387	2.03238	2.03238	0.170212	2.19934	2.19934	2.90008	11.4115	3.44302	1
cg06346817	ALPL;ALPL	0.0892158	0.363363	1.19618	1.19618	0.0886925	0.697082	-1.43347	0.9606097	1.0229	1.0229	0.938596	1.01488	1.01488	0.482961	0.87237	-1.14651	0.1172207	0.725574	-1.38586	0.0209458	0.1878267	1.83967	0.7615511	0.942015	-1.06155	0.196858	0.709836	-1.29898	2.68884	1.56594	0.517674	1
cg17991695	GCM2	0.0892167	0.227662	0.31907	-3.13501	0.0867676	0.10498	-9.52496	0.0149848	0.0514398	0.0153781	0.0150854	0.0158125	0.0151571	0.405843	-2.464	0.25859	-3.85215	-1.79162	0.3100188	2.49573	0.3979665	8.13006	8.13006	0.0256586	10.0545	0.0146615	0.659039	-1.51736	2.68883	32.9229	10.6789	1
cg20134438	CSorf173;CSorf173	0.0892168	0.483244	0.919098	-1.08802	0.0337381	1.34122	1.34122	0.0790023	1.25976	1.25976	0.207002	1.17065	1.17065	0.0521919	1.29885	1.29885	0.766744	1.03585	1.03585	0.111705	0.8145565	-1.22765	0.2413371	0.864848	-1.15627	0.760526	1.03686	1.03686	2.68883	0.596973	0.197351	1
cg10589851	USP15	0.0892193	0.850531	1.03902	-1.03902	0.0743134	1.07884	-1.26476	0.733788	1.0734	1.0734	0.654529	0.910776	1.09776	0.561991	1.12397	1.12397	0.927331	1.01911	1.01911	0.0031509	0.4335566	-2.30645	0.311466	1.24269	1.24269	0.259156	1.27669	1.27669	2.6888	1.83345	0.606121	1
cg00406641	NUDT16P;NUDT16P	0.0892194	0.0809034	0.424056	0.42456	0.148047	0.34824	-2.04824	0.477008	0.68094	-1.68094	0.165438	2.89388	2.89388	0.0371626	0.584665	0.58465	0.0589878	0.452669	0.625609	0.012665	0.926107	0.9261007	0.0455108	0.51909	0.519309	0.103227	0.59642	0.59642	2.6888	21.9697	7.26268	1
cg06488368	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.0892204	0.317942	0.823246	-1.21435	0.0704173	1.12849	1.12849	0.0468298	1.13888	1.13888	0.0444258	0.777138	-1.28681	0.0415566	0.7184313	-1.39172	0.1390904	0.7209756	0.6868319	0.0798506	0.5974681	-1.67369	0.4538	1.12253	1.12253	0.0760966	0.6983861	-1.43195	-1.06455	0.7903885	1.04118	1.04118	0.68878	0.977106	0.323023	1
cg03731862	PFKL;PFKL	0.0892216	0.620539	0.851167	-1.17486	0.109873	0.569648	-1.75547	0.0191955	0.400569	-2.49645	0.263877	1.45099	1.45099	0.513617	1.2385	1.2385	0.0406095	2.14558	2.14558	0.395817	1.32417	1.32417	0.462924	0.785635	-1.27286	0.444516	0.777488	-1.28619	2.68877	4.43991	1.46781	1
cg15269148	ING1;ING1;ING1;ING1	0.089225	0.647964	1.15331	1.15333	0.0889107	1.79007	1.79007	0.789105	0.920179	-1.08675	0.905564	1.09752	1.09752	0.0732505	0.2385057	-2.78886	0.196924	0.654857	-1.52705	0.129853	0.601844	-1.66156	0.421716	1.29006	1.29006	0.218148	0.668994	-1.49478	2.68872	4.10066	1.35567	1
cg27480198	FNGR1	0.0892256	0.2295502	0.618436	-1.61703	0.2076183	0.707846	-1.41274	0.171384	0.824323	-1.21312	0.818401	1.03179	1.03179	0.761639	1.04119	1.04119	0.122864	2.48229	2.48229	0.0247741	0.2504005	-3.99435	0.0413504	0.8497	1.17638	0.403181	0.9425156	1.25605	2.68871	0.2125	0.733636	1
cg13214886	SETD1B	0.0892267	0.950127	1.02355	1.02355	0.870198	1.06275	1.06275	0.899967	1.04792	1.04792	0.688631	1.16173	1.16173	0.00276654	0.2152012	-4.6468	0.212367	0.613326	-1.63046	0.110916	0.52394	-1.90862	0.868134	1.06379	1.06379	0.230714	0.6262956	-1.59669	2.6887	5.89822	1.94996	1
cg04935550	CSorf35	0.0892273	0.067737	0.645452	-1.61694	0.128864	1.14927	1.14927	0.0817384	1.53318	1.53318	0.814402	1.05691	1.05691	0.6045301	1.13055	1.13055	0.871741	0.962763	-1.03868	0.583123	0.8310164	-1.22432	0.6015807	0.72973	1.37093	0.183792	0.68887	1.45203	2.6887	2.34893	0.770561	1
cg00743107	ING1;ING1;ING1;ING1	0.0892277	0.32165	0.84081	1.80481	0.0104749	0.81185	1.81185	0.172085	2.24536	2.32136	0.343984	0.570121	-1.75401	0.554877	1.709414	1.40961	0.0822588	1.325482	1.07237	?	?	?	0.9727993	0.9806521	-1.01976	0.805004	1.15212	1.15212	2.6899	13.1593	3.97062	1
cg04360063	CRHBP	0.0892278	0.821795	1.04048	1.04048	0.667437	0.926793	-1.07899	0.0502112	1.48088	1.48088	0.777202	1.05116	1.05116	0.362973	0.8483168	-1.17873	0.504719	1.12643	1.12643	0.796719	0.9555614	-1.04645	0.0058131	1.88764	1.88764	0.221137	0.797652	-1.25368	2.68869	1.31723	0.43548	1
cg16265640	C1orf59	0.089228	0.105095	0.764248	-1.30936	0.143376	0.344356	-1.10333	0.421376	1.13152	1.13152	0.156226	0.79609	-1.25596	0.0170101	0.5617911	-1.77101	0.8042824	-1.24338	0.8067154	1.03754	0.2306345	0.557904	-1.79242	0.56893	-1.75768	0.0900041	0.645159	1.07129	1.07129	2.68866	0.962502	0.318209	1
cg01608315	PALM;PALM	0.0892311	0.691972	0.923392	-1.08296	0.0335258	0.6439	-1.6439	0.118907	1.37551	1.37551	0.323411	1.22646	1.22646	0.165287	0.743623	-1.34477	0.194787	0.759948	-1.31588	0.066545	0.662463	-1.50952	0.27134	1.25759	1.25759	0.346316	0.823671	-1.21408	2.68865	1.70586	0.56397	1
cg09102056	HMGB2;HMGB2;HMGB2	0.0892329	?	?	?	?	0.6216752	0.65876	-1.51777	?	?	?	?	?	0.613303	1.36369	1.36369	?	?	?	?	?	?	0.232151	1.18793	1.18793	?	?	2.68855	1.93677	0.68155	1
cg09487931	DHRS13	0.0892345	0.080651	0.578295	-1.72922	0.200817	1.46511	1.46511	0.0247039	2.12971	2.12971	0.744384	0.911663	-1.0969	?	?	?	0.83926	1.05909	1.05909	0.31332	1.34285	1.34285	0.0916412	0.59154	-1.6905	0.336365	0.755625	-1.32341	2.72005	1.05989	1.12494	1
cg26578870	ZNF608;ZNF608	0.0892346	0.65714	1.21915	1.21915	0.175067	1.89599	1.89599	0.0319874	3.04836	3.04836	0.37805	1.34807	1.34807	0.149324	1.49924	1.49924	0.0271781	1.38913	1.38913	0.0211983	0.1772458	-5.64407	0.0550155	0.610022	-1.63929	0.263138	0.596023	-1.67779	0.513206	1.34197	1.34197	2.6886	8.37832	2.76998	1
cg12592194	CTDSP2;CTDSP2	0.0892356	0.0995368	0.781441	-1.27963	0.0749224	0.960598	-1.04158	0.8558	0.844268	-1.18388	0.644654	0.877138	-1.26881	0.0144556	0.7184313	-1.39172	0.1390904	0.7209756	0.6868319	0.0798506	0.5974681	-1.67369	0.4538	1.12253	1.12253	0.0760966	0.6983861	-1.43195	-1.06455	0.7903885	1.04118	1.04118	0.68878	0.977106	0.323023	1
cg21009935	LRP5	0.0892376	0.520485	0.884126	-1.13106	0.485704	0.874645	-1.14332	0.182797	0.765451	-1.30642	0.984965	1.00357	1.00357	0.273796	1.24025	1.24025	0.642053	1.09254	1.09254	0.00416477	2.06695	2.06695	0.407145	0.851869	-1.17389	0.442422	0.862363	-1.15961	2.68857	1.52217	0.503258	1
cg04848138	ADNP1;AZIN1	0.0892378	0.081853	0.616466	-1.62208	0.186353	0.64571	1.54571	0.147887	1.49647	1.49647	0.098607	0.597161	1.59716	0.0129755	0.6555	1.52556	0.2523806	0.733669	1.36413	0.0118245	0.6427313	-1.55673	0.0825958	0.5556	-1.80003	0.0158206	0.570856	-1.75188	0.683931	-1.46355	0.8761	1.14206	0.87161	2.6885	0.616	0.5940061	1
cg12985237	POLS	0.0892452	0.0468185	0.35247	1.35247	0.0276183	0.707846	-1.41274	0.171384	0.824323	-1.21312	0.818401	1.03179	1.03179	0.761639	1.04119	1.04119	0.122864	2.48229	2.48229	0.0247741	0.2504005	-3.99435	0.0413504	0.8497	1.17638	0.403181	0.9425156	1.25605	1.17095	1.37095	2.68847	0.74942	0.247781	1
cg26940909	TRIM6;TRIM6-TRIM34;TRIM6	0.0892454	0.427047	0.708075	-1.41228	0.529409	1.31155	1.31155	0.412426	1.42864	1.42864	0.355371	1.49885	1.49885	0.0468964	0.37971	-2.63359	0.924541	0.960475	-1.04115	0.835109	1.09278	1.09278	0.00548755	0.2113343	-4.73164	0.446324	0.718612	-1.39157	2.68847	7.71535	2.55093	1
cg00584345	LMX1A	0.0892458	0.3987761	0.8139	-1.22893	0.3570024	0.564844	-1.77035	0.0206624	0.2554443	-3.91482	0.1019904	0.899638	-1.11162	0.0266161	0.3794017	-2.63504	0.0090141	0.1683115	-5.94105	0.0102397	0.1373069	-7.28284	0.0082558	0.5556	-1.80003	0.0158206	0.570856	-1.75188	0.683931	-1.46355	0.8761	1.14206	0.87161	2.6885	0.616	0.5940061	1
cg18445480	RBM44	0.0892457	0.548246	0.90168	-1.10994	0.891231	0.976962	-1.02358	0.0626195	0.544625	-1.83613	0.213831	1.23692	1.23692	0.975247	0.994729	-1.0053	0.960099	1.00727	1.00727	0.146128	1.304045	1.30445	0.7213502	0.940816	-1.06291	0.0714749	0.709709	-1.40903	2.68846	1.23567	0.408551	1
cg14003388	MIR208B;MYH7	0.0892458	0.2651528	0.810304	-1.23408	0.3570024	0.70518	-1.41858	0.0626195	0.544625	-1.83613	0.213831	1.23692	1.23692	0.975247	0.994729	-1.0053	0.1848789	0.7205	-1.38795	0.419326	1.1883	1.1883	0.6820062	0.8281213	-1.20802	0.4142075	0.574425	-1.74125	2.68845	0.39085	0.124674	1
cg00448143	MT3;HTT3H	0.0892478	0.0273398	2.72619	2.72619	0.0405535	2.48064	2.48064	0.64208	1.16698	1.16698	0.0480733	2.38199	2.38199	0.61214	1.21702	1.21702	0.893254	1.05293	1.05293	0.922764	0.9634334	-1.03795	0.0221492	2.86815	2.86815	0.0611834	2.24879	2.24879	2.68844	6.28288	2.07733	1
cg04509559	ERH;SHC1;SHC1P40	0.0892487	0.752649	0.915963	-1.09175	0.6161642	1.17666	1.17666	0.558588	1.28921	1.28921	0.781813	0.911398	-1.07764	0.2090004	1.1212	1.1212	0.974295	0.991784	-1.00828	0.8502058	0.8784843	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	2.6884	2.96308	0.922599	1
cg00253616	SUFU;ACTR1A;SUFU	0.0892496	0.209038	0.83958	1.19145	0.0157617	0.57572	1.57572	0.0928008	2.21605	2.14236	0.432065	0.570121	-1.75401	0.554877	1.709414	1.40961	0.7394334	1.04506	1.04506	0.496022	0.9127697	0.9806521	-1.01976	0.805004	1.15212	1.15212	0.129849	0.7578872	0.959991	-1.04168	0.68842	2.68843	0.24567	0.245467	1
cg04947578	C19orf10	0.0892505	0.643494	0.932562	-1.07231	0.907265	0.853566	-1.17156	0.164524	1.24878	1.24878	0.972223	0.994797	-1.00523	0.0783996	0.7461027	-1.3403	0.538321	0.910886	-1.09783	0.0648795	0.733024	-1.36421	0.117521	1.29004	1.29004	0.0411881	1.42314	1.42314	2.6884	0.955547	0.315941	1
cg19296132	ZBTB9	0.0892508	0.4378027	0.763404	-1.30936	0.143376	0.344356	-1.10333	0.421376	1.13152	1.13152	0.156226	0.79609	-1.25596	0.0170101	0.5617911	-1.77101	0.8042824	-1.24338	0.8067154	1.03754	0.2306345	0.557904	-1.79242	0.56893	-1.75768	0.0900041	0.645159	1.07129	1.07129	2.68836	0.962502	0.318209	1
cg23382741	PPP1R14D;PPP1R14D	0.0892547	0.829321	1.08265	1.08265	0.030077	0.389934	-2.56454	0.0159701	0.336529	-2.97151	0.847953	1.07343	1.07343	0.139779	0.8098035	-1.11354	0.054808	0.44752	-2.23453	0.431568	0.743544	-1.34491	0.0398813	0.416301	-2.40211	0.14309	0.559359	-1.78776	2.68835	5.80219	1.91846	1
cg14214490	GTDC1;GTDC1;GTDC1	0.0892577	0.746209	0.892929	-1.11991	0.7179709	0.757909	-1.7255	0.0665857	0.459435	-2.02661	0.781912	1.1414	1.1414	0.0110407	0.3293665	-3.03615	0.589427	0.827083	-1.20907	0.0592748	1.1881	1.1881	0.8986007	1.04542	1.04542	0.525861	0.799333	-1.25104	2.68831	5.16008	1.70935	1
cg15241540	IQCC;IQCC	0.0892599	0.2268869	0.787771	-1.27263	0.2128357	0.555864	-1.799	0.4566014	0.856023	-1.17561	0.8845056	0.958458	1.43707	0.0540151	0.6954007	-1.43792	0.3664447	1.1628	1.1628	0.0841954	0.9246688	-1.08145	0.9366093	1.1793	1.1793	0.1404965	0.8631444	-1.16125	2.68831	1.53745	0.583053	1
cg02577797	ZFY;ZFY;ZFY	0.0892622	0.0292981	0.314013	-3.18459	0.630832	0.803775	-1.24413	0.513101	1.34882	1.34882	0.344501	0.644507	-1.55157	0.0123753	0.47449	0.47449	0.886976	0.937857	-1.06626	0.126467	0.474352	-2.10814	0.959988	0.977621	-1.02289	0.919948	1.0639	1.0639	2.68825	0.66517	2.2652	1
cg08235446	NAA35	0.0892628	0.0277972	2.2464	2.2464	0.0249212	2.344	2.344	0.167559	1.24845	1.24845	0.0276464	1.24488	1.24488	0.0221264	1.274974	1.274974	0.302712	1.38785	1.38785	0.419326	1.1883	1.1883	0.6820062	0.8281213	-1.20802	0.4142075	0.574425	-1.74125	2.68825	0.39085	0.124674	1
cg15171272	PEX12;PEX12	0.0892633	0.386894	0.857055	-1.16679	0.0202625	1.62712	1.62712	0.78694	0.959376	-1.04824	0.39084	1.31902	1.31902	0.0647902	1.43434	1.43434	0.289158	0.82584	-1.21089	0.78078	0.952637	-1.04972	0.037338	1.52236	1.52236	0.438478	1.14733	1.14733	2.68824	1.28777	0.425812	1
cg11390538	ZBTB9	0.0892643	0.551911	0.906496	-1.10315	0.719739	0.942923	-1.06053	0.0032435	0.92503	-1.92503	0.442791	0.8801568	-1.13615	0.8707542	1.02696	1.02696	0.2507074	0.836253	-1.19581	0.2128258	0.808958	-1.23121	0.7660782	0.939644	-1.06423	0.6406567	0.927458	-1.07822	2.68822	1.13277	0.374561	1
cg22326555	TCTN2;TCTN2	0.0892665	0.64251	0.828099	-1.20759	0.0115617	0.57572	1.57572	0.0928008	2.21605	2.10905	0.958905	0.999472	-1.00053	0.994174	0.9970558	1.00295	0.888279	0.58356	-1.71359	0.0136403	0.542233	-1.84423	0.92455	0.914559	1.01455	1.05116	1.05116	0.682273	0.951652	1.04889	2.68821	0.29208	0.108547	1
cg20739396	DCAF15	0.0892665	0.923556	0.959459	-1.04225	0.380733	0.678622	-1.47357	0.0417879	0.363563	-2.75055	0.134234	0.498393	-2.00645	0.0269006	0.322982	3.09615	0.812237	0.902479	-1.10806	0.0108358	0.2516133	-3.97403	0.142527	0.506764	-1.97331	0.0900094	0.446869	-2.23779	2.68822	7.9162	2.61758	1
cg14703827	NR112;NR112;NR112	0.0892664	0.147687	0.67093	-1.49075	0.0161642	0.71666	1.71666	0.0958588	1.28921	1.28921	0.781813	0.911398	-1.07764	0.2090004	1.1212	1.1212	0.974295	0.991784	-1.00828	0.8502058	0.8784843	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	1.13855	2.6882	2.96308	0.922599	1
cg05677579	RRP9;PARP3;PARP3	0.0892691	0.57942	1.09459	1.09459	0.16061	0.785082	-1.27375	0.234532	0.817769	-1.22284	0.322628	1.17933	1.17933	0.241725	0.8206679	-1.2185	0.988002	0.997575	-1.00243	0.0031834	0.521983	-1.91577	0.668985	0.93292	-1.0719	0.986268	1.00278	1.00278	2.68817	1.10969	0.366937	1
cg12656602	EHMT2;EHMT2	0.0892693	0.7503381	0.882428	-1.13345	0.5644043	0.993252	-1.00343	0.9722852	0.903453	-1.10695	0.665008	1.20845	1.20845	0.0134255	0.2888615	-3.58502	0.0044432	0.3149	-3.17625	0.0170782	0.2388615	-4.18703	0.0256218	0.336818	-2.96811	0.0178864	0.2227871	-4.49107	0.1552264	0.9186	-1.08907	0.6162282	1.3268	2.6881	0.3268	1.32682	1
cg21208816	CLTA;CLTA;CLTA	0.0892696	0.31464	0.636829	-1.57028	0.32022	0.640353	-1.56164	0.763923	1.13964	1.13964	0.0774481	0.426053	-2.34382	0.0294551	0.3286336	-3.04288	0.0625078	0.402623	-2.48371	0.010941	0.250093	-3.99851	0.0717589	0.417925	-2.39277	0.546613	0.767394	-1.30311	2.68816	0.81808	2.65132	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg11141340	HMGN2	0.0893759	0.097035	0.485858	-2.13102	0.7935851	1.11509	1.10109	0.955707	1.004854	0.451325	1.027022	-1.37547	0.027967	0.340045	-2.94079	0.0468493	1.08862	-2.57321	0.4414527	0.3765	-2.65609	0.1195796	1.94608	1.94608	0.3132056	0.659875	5.515544	2.68681	7.34333	2.42942	1
cg16849020	ZNF763	0.0893763	0.173277	0.583803	-1.71291	0.7754021	2.07246	2.07246	0.314705	1.47132	1.47132	0.900921	1.04735	1.04735	0.469853	0.761024	-1.31402	0.1332268	0.54796	-1.82495	0.010568	0.302081	-5.31606	0.127514	1.27514	0.918528	1.03873	1.03873	2.68681	5.8704	1.94213	1
cg01009664	TRH;TRH	0.0893768	0.0389623	16.8304	16.8304	0.060088	12.2476	12.2476	0.08586447	9.414454	9.414454	0.116967	7.47607	7.47607	0.02780075	21.5747	21.5747	0.2221766	4.558857	4.55857	0.0375147	17.305	17.305	0.0387027	16.9132	16.9132	0.1335587	6.76212	6.76212	2.6868	59.3771	19.644	1
cg19919590	LAPTM5	0.0893772	0.2200024	0.674529	-1.48252	0.4427733	1.26997	1.26997	0.126807	0.604054	-1.65548	0.0395119	-1.68338	-2.06899	0.248272	0.6917763	-1.44558	0.1520051	1.5975	1.5975	0.137277	1.63016	1.63016	0.370236	1.32434	1.32434	0.1008321	0.577687	-1.73104	2.6868	3.966808	1.312139	1
cg24074054	ASF1B	0.0893809	0.22558	0.901614	-1.10912	0.469118	1.06176	1.06176	0.190066	0.893202	-1.11957	0.0465691	0.830703	-1.2038	0.006561026	0.750255	-1.33288	0.10018	0.863654	-1.15787	0.143906	0.880051	-1.1363	0.661265	0.964754	-1.03653	0.16084	0.885242	-1.12963	2.68675	0.2818155	0.0932362	1
cg19391535	CLIC1	0.0893828	0.04060749	0.336443	-2.97238	0.711972	0.842874	-1.4844	0.7574	0.866091	-1.15352	0.175177	0.544735	-1.54473	0.0883787	0.4202033	-2.37568	0.4991446	0.728887	-1.37196	0.007880592	0.207785	-4.81267	0.0313338	0.3121278	-3.2033	0.1681329	0.508117	-1.96805	2.68672	0.94098	2.99116	1
cg10058766	TNFRSF9;TNFRSF8;TNFRSF8	0.0893852	0.226427	0.649193	-1.54037	0.45902	0.773785	-1.29235	0.8891451	0.528525	-1.89207	0.0372884	0.439444	-2.2756	0.0301717	0.4201058	-2.38006	0.2480319	0.663128	-1.50801	0.165744	0.6048831	-1.65336	0.2227115	1.54628	1.54628	0.0336949	0.430116	-2.32495	2.6867	4.92334	1.628881	1
cg16676551	OTUD1	0.0893861	0.981943	0.995248	-1.00478	0.4180809	0.840134	-1.1903	0.479469	0.83957	-1.16337	0.0184077	0.547724	-1.82574	0.401626	0.83469	-1.19805	0.1233119	0.703719	-1.42102	0.0122772	0.5186554	-1.92807	0.455889	1.17334	1.17334	0.3206651	1.24109	1.24109	2.68669	1.88534	0.623763	1
cg21157975	SYNGAP1	0.0893874	0.0145083	0.227227	-2.5025	0.1600777	0.41128	-2.45143	0.300766	1.88077	1.88077	0.1619985	1.02832	1.02832	0.4198953	1.496645	1.496645	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg22900071	D2HGDH	0.089391	0.868427	1.10658	1.10658	0.0466071	0.248606	-4.02243	0.058072	0.270237	-3.70046	0.311677	1.89519	1.89519	0.0406433	0.236022	-4.23689	0.141105	0.380294	-2.62955	0.0220019	0.186739	-5.35507	0.522241	0.672901	-1.4861	0.654199	0.759264	-1.31707	2.68662	15.8758	5.25263	1
cg20925178	CWF19L1	0.0893897	0.2936667	0.748197	-1.33625	0.5502623	1.4855	1.4855	0.1824671	1.42471	1.42471	0.5108787	1.44023	1.44023	0.0185254	1.44023	1.44023	0.2560001	0.7307	-1.36857	0.2938425	0.1995	-5.01061	0.3566871	1.28608	1.28608	0.4206612	2.997197	2.997197	2.68645	2.99164	0.991645	1
cg02804087	PTMAP7;MAP7;LOC100130487;MAP7	0.0893917	0.996948	1.00101	1.00101	0.0437385	1.83059	1.83059	0.341885	1.37999	1.37999	0.24945	1.37232	1.37232	0.297448	0.752751	-1.32846	0.08795105	0.609428	-1.64088	0.066368	0.58178	-1.71886	0.352487	0.777574	-1.28605	0.160197	1.48369	1.48369	2.68661	2.94188	0.973347	1
cg01663968	CTSZ	0.0893925	0.0426381	18.9296	18.9296	0.309784	3.75947	3.75947	0.174985	6.15684	6.15684	0.0800894	11.5491	11.5491	0.154264	6.83114	6.83114	0.8605561	0.801282	-1.248	0.0110428	55.4919	55.4919	0.621794	0.53445	-1.87108	0.0579182	14.8957	14.8957	2.6866	67.5489	22.3492	1
cg00452835	C1orf9;C1orf9	0.0893937	0.943414	0.985895	-1.01431	0.580354	1.11824	1.11824	0.3167717	0.615274	-1.62529	0.341067	0.827139	-1.21693	0.669113	0.917563	-1.08984	0.579832	1.1841	1.11841	0.0729177	1.4923	1.4923	0.473141	0.864513	-1.15758	0.682459	1.70402	0.563704	1
cg15131761	MTSS1	0.0893938	0.289141	0.849316	-1.18492	0.6161542	1.57431	1.57431	0.126269	1.20056	1.20056	0.782698	1.04356	1.04356	0.248203	1.20461	1.20461	0.1206665	0.925544	-1.08045	0.0334649	1.60405	1.60405	0.622354	1.02506	-1.44616	0.880439	1.03948	1.03948	2.68662	0.602226	1.08251	1.08251	0.64559	1.01184	0.33478	1
cg01099825	CD8RA1	0.0893956	0.0805608	0.241048	-4.14855	0.0373239	0.169641	-5.89481	0.0945277	0.259469	-3.85403	0.101247	0.267848	-3.73346	0.0505537	0.19482	-5.13296	0.189993	0.360963	-2.77037	0.00971943	0.0906241	-11.0346	0.280905	0.439226	-2.27673	0.130576	0.301634	-3.31528	2.68656	22.9292	7.58647	1
cg13411554	CACNA1D;CACNA1D;CACNA1D	0.0893963	0.200968	0.522556	-1.91367	0.6165726	0.245023	-4.08125	0.170328	0.495754	-2.01729	0.337526	0.621792	-1.60825	0.0991896	0.317634	-3.14808	0.317281	0.608476	-1.64345	0.114497	0.4385	-2.2805	0.560204	0.753461	-1.32721	0.00995801	0.209259	-4.77977	2.68656	9.83621	3.25115	1
cg19988166	ZRANB1	0.0893983	0.345923	1.445598	1.445598	0.2626444	1.12483	1.12483	0.02800337	2.75682	2.75682	0.0128944	1.35759	1.35759	0.851773	0.9328535	-1.07165	0.7877707	1.11223	1.11223	0.1654054	2.27609	2.27609	0.0258809	2.83644	2.83644	0.3381	1.47574	1.47574	2.68653	6.60797	2.18307	1
cg19878482	C8orf73	0.0893991	0.480848	0.641153	-1.55969	0.00317064	0.0820577	-12.1865	0.293266	0.508502	-1.96656	0.723563	1.24644	1.24644	0.561283	0.6946336	-1.4396	0.709287	0.792707	-1.2615	0.524467	0.6702255	-1.49197	0.0313228	0.2087114	-4.79131	0.857889	1.1176	1.1176	2.68652	16.3717	5.4169	1
ch.19.18939670M	ZNF135;ZNF135;ZNF135;ZNF13	0.0893996	0.1195921	0.494211	-2.02343	0.3441044	2.29472	2.29472	0.0420987	2.53332	2.53332	0.242629	0.6003949	-1.6652	0.0429406	0.8793113	-2.06151	0.5440566	1.29205	1.29205	?	?	?	0.193245	1.77924	1.77924	0.3496005	1.49447	2.17924	2.68679	2.68652	2.45123	1
cg10093679	KAT5;KAT5;KAT5	0.0893999	0.97361	1.01288	1.01288	0.9564011	2.02997	2.02997	0.486204	1.3148	1.3148	0.334693	1.46938	1.46938	0.1241384	0.805181	0.6508558	-1.53643	0.0162448	0.320799	-3.11722	0.0921134	0.148132	-2.04863	0.186673	1.71849	1.71849	0.4956896	0.765233	-1.30679	2.68651	6.36598	2.10632	1
cg07584558	DEDD2	0.0894002	0.57934	0.702707	-1.42307	0.7924148	0.978533	-1.02187	0.9409729	0.968046	-1.03301	0.9918018	0.9939233	-1.00611	0.9907239	0.9680405	-1.03293	0.3243135	0.644124	-1.55976	0.2102403	0.1154	-8.66551	0.2007218	0.54807	-1.82423	0.1132459	0.2585	-3.86871	2.68626	0.8151571	2.682206	1
cg07834574	CHRNE;C1orf107 ZNF135;ZNF135;ZNF135;ZNF13	0.089402	0.220339	2.14831	2.14831	0.206351	2.2055	2.2055	0.311199	1.86219	1.86219	0.98443	0.988487	-1.01165	0.0792835	3.17735	3.17735	0.5535655	1.67275	1.67275	0.00549266	8.72655	8.72655	0.0541839	3.65724	3.65724	0.6634334	1.29672	1.29672	2.68648	14.9829	4.95746	1
cg08701621	5	0.0894148	0.61923	0.897872	-1.11375	0.00983027	2.01728	2.01728	0.0195175	1.83494	1.83494	0.534878	1.1447	1.1447	0.041589	0.875424	1.1423	0.42693	1.19057	1.19057	0.571262	1.13093	1.13093	0.150159	1.39335	1.39335	0.0937315	1.48639	1.48639	0.68632	1.96730	0.650999	1
cg01393146	SPRS18;SPRS18	0.0894156	0.9300315	0.970668	-1.03022	0.915375	1.03684	1.03684	0.00205461	4.3846	4.3846	0.75687	0.8996931	-1.11149	0.582728	0.827903	-1.20787	0.305179	1.43535	1.43535	0.488895	0.7867178	-1.27036	0.97507	0.98942	-1.01069	0.6738899	0.865839	-1.15495	2.68631	4.92897	1.63058	1
cg13186567	WNT9B;WNT9B	0.0894173	0.42803	1.16526	1.16526	0.1552005	1.39095	1.39095	0.4182437	0.5378869	1.86037	0.1316156	0.596638	0.6029307	0.1445611	1.658621	1.658621	0.1229472	1.12378	-1.12378	0.2744	0.8606437	1.03377	1.033377	0.907724	0.978321	-1.02216	0.7941	0.794101	2.68679	2.68631	1.33002	0.5929771	1
cg01153979	IRAK1BP1;IRAK1BP1	0.0894189	0.8606637	0.91505	1.01505	0.1231134	1.21525	1.21525	0.462816	0.939187	-1.06475	0.535436	1.05478	1.05478	0.139995	1.2864005	1.2864005	0.1757034	0.542071	0.948001	-1.05496	0.7441551	-1.34853	0.625371	0.959185	-1.04255	0.260054	1.105	1.105	2.68627	2.307284	0.101681	1
cg01379480	DDAH2	0.0894218	0.987983	0.997402	-1.00261	0.533792	1.11501	1.11501	0.0520507	0.682632	-1.46492	0.979748	0.995625	-1.00439	0.422427	1.15207	1.15207	0.1324222	0.755411	-1.32378	0.0149353	0.5962382	-1.67706	0.325051	0.838989	-1.19191	0.107966	1.35189	1.35189	2.68623	1.26965	0.420133	1
cg01138494	FAM98A	0.0894219	0.184637	1.26549	1.26549	0.1744966	1.15466	1.15466	0.2204243	1.28095	1.28095	0.1478736	0.768888	0.6478957	0.1176397	1.663603	1.663603	0.1031822	1.22741	-1.27047	0.1228	0.8269322	1.06416	0.1064116	0.9733	-1.02716	0.9744	0.974404	0.1165	1.13035	1.13035	0.00186391	1.98736	1.98736	2.68623	1.19158	0.394301	1
cg22980877	EXOC6B	0.0894237	0.952849	0.979403	-1.02103	0.6650693	0.482374	-2.07308	0.419947	0.748249	-1.33645	0.0580382	0.470451	-2.12562	0.008063304	0.302878	0.30166	0.104357	0.535331	-1.868	0.60218	0.8309491	0.20344	0.762065	1.11373	1.11373	0.0546951	0.464387	-2.15338	2.68621	5.27011	1.74302	1
cg00978460	IGSF3;IGFE	0.0894244	0.99224	1.00278	1.00278	0.9705346	1.29733	1.29733	0.1129527	0.6214641	1.61031	0.3137394	1.57075	1.57075	0.0665318	0.457455	-2.18702	0.1628206	0.826134	-1.21018	0.0407229	2.540408	2.54041	0.0199921	0.473015	-2.114	0.0772627	0.469053	-2.13191	2.68623	0.7839317	2.4287	1
cg01691630	RORA;RORA;RORA	0.0894251	0.032408	0.675179	-1.48109	0.817132	1.03699	1.03699	0.618973	0.92439	-1.08179	0.225418	0.819014	-1.22098	0.178642	0.79925	-1.25117	0.582484	1.09097	1.09097	0.0137354	1.61249	1.61249	0.466096	1.12335	1.12335	0.757046	1.04987	1.04987	2.68619	1.04626	0.346218	1
cg03672119	AGAP1;AGAP1	0.0894259	0.702321	1.24237	1.24237	0.542252	1.41713	1.41713	0.531977	1.43011	1.43011	0.1360985	0.698958	1.4061	0.0955408	0.5104734	1.0056	1.0056	0.347098	1.72883	1.72883	0.615556	1.13128	1.13128	0.232345	2.02962	2.02962	0.238347	2.00968	2.00968	2.68618	13.5879	4.4964	1
cg26005512	TH1L	0.0894273	0.2639399	0.745407	-1.34207	0.7259248	0.979333	-1.02127	0.9224564	0.931784	-1.07375	0.6655188	0.874565	-1.14346	0.7706596	0.9698245	-1.03135	0.1628206	0.538126	-1.85832	0.1192102	0.2275612	-3.68172	0.0999921	0.473015	-2.114	0.0772627	0.469053	-2.13191	2.68617	0.739337	2.4287	1
cg20329958	CRH	0.0894275	0.386447	0.809882	-1.23475	0.0157101	0.02019	0.02019	0.299585	1.29089	1.29089	0.8062555	0.943308	-1.0601	0.473643	0.8410359	-1.18898	0.87053	0.961999	-1.0395	0.0833727	0.634305	-1.57653	0.12177	1.48943	1.48943	0.0958657	1.54403	1.54403	2.68616	2.3999	0.794163	1
cg07482202	FBXL16	0.0894289	0.189348	1.19148	1.19148	0.2227239	1.24886	1.24886	0.667331	1.03562	1.03562	0.4419485	1.712606	1.4816	0.0127388	1.675231	1.675231	0.1123573	2.00132	2.00132	0.00839884	4.28414	4.28414	0.0204754	3.13803	3.13803	0.4468357	2.715301	2.715301	2.68615	4.642914	2.42914	1
cg20131263	PPP1R14C;PPP1R14C	0.0894291	0.01277007	0.714043	-1.40567	0.406645	1.09795	1.09795	0.440041	0.916972	-1.09055	0.6825095	0.798054	-1.25164	0.516086	0.9300386	-1.07517	0.01502	2.719606	-1.38965	0.150294	0.843892	-1.18499	0.857469	0.980406	-1.01999	0.500751	0.928256	-1.07729	2.68614	0.515457	0.170573	1
cg15664899	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.0894325	0.234511	1.13141	1.13141	0.401638	1.08877	1.08877	0.0272834	1.29537	1.29537	0.203546	1.14221	1.14221	0.698958	1.03925	1.03925	0.0249658	0.767739	-1.30253	0.0746843	1.21739	1.21739	0.735727	1.03413	1.03413	0.330813	1.10453	1.10453	2.6861	0.417582	0.138187	1
cg18594777	ZYG11A ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF	0.0894331	0.704113	0.878085	-1.13884	0.156982	1.67493	1.67493	0.514861	1.25237	1.25237	0.631923	0.490658	-2.03808	0.006934043	0.303968	-3.28982	0.158518	0.598334	-1.67131	0.955266	0.1093	0.1093	0.9508	0.978976	-1.02148	0.364378	0.727893	-1.37383	2.68609	4.93934	1.63454	1
cg13724123	7;ARHGEF7	0.0894364	0.9040251	1.06806	1.06806	0.00943654	6.0246	6.0246	0.0459787	3.48473	3.48473	0.297876	1.80223	1.80223	0.283211	0.544112	-1.83786	0.77504	0.855216	-1.1693	0.795657	0.8679119	-1.15218	0.0506091	3.37138	3.37138	0.559328	1.3842	1.3842	2.68605	12.6745	4.19434	1
cg13186374	SNAI3	0.0894374	0.0265977	0.519692	-1.92462	0.0266333	0.159181	-6.2738	0.0434304	0.314155	-3.18207	0.0134554	0.465124	-2.15033	0.0116525	0.3223822	-3.10304	0.0693155	0.367162	-2.72409	0.0196953	0.0513822	-19.4604	0.0483882	0.2709913	-3.69122	0.0160903	0.0513822	-19.4604	0.0483882	0.2709913	-3.69122	0.0160903	2.68603	20.7253	6.85861	1
cg26505300	DOPEY2	0.0894379	0.156683	0.412566	-2.42506	0.0219523	0.20434	-4.98916	0.0153103	0.375362	-5.70249	0.334479	0.691565	-1.44606	0.0269048	0.21611	-4.62727	0.314044	0.543976	-1.83832	0.188578	0.1532288	-6.52528	0.050336	0.1407581	-7.10483	0.0268363	0.1532288	-6.52528	0.050336	0.1407581	-7.10483	0.0268363	2.68601	34.5466	4.8139	1
cg15663948	C13orf28;C13orf28	0.0894391	0.0484558	0.260098	-3.8447	0.538552	0.689391	-1.45056	0.778359	0.844891	-1.18359	0.262593	0.497727	-2.00914	0.0361307	0.2332254	-4.28718	0.112217	0.355936	-2.80949	0.0380515	0.2377786	-4.20546	0.0106318	0.146791	-6.81242	0.21753	0.460744	-2.1704	2.68601	15.1784	5.02301	1
cg21130958	CRISPLD1	0.0894393	0.0987103	0.424268	-2.35707	0.0311144	0.175437	-5.76888	0.0481997	0.316397	-3.16093	0.0308823	0.257335	-3.88547	0.0170134	0.1978447	-5.05647	0.2569932	0.514544	-1.94395	0.0373021	0.1662466	-6.01548	0.0266544	0.1732166	-5.77221	0.0266544	0.1732166	-5.77221	0.0266544	0.1732166	-5.77221	0.0266544	2.68601	24.3154	6.04075	1
cg21878902	GADD45GIP1	0.0894396	0.0290672	0.612482	-1.6327	0.852735	1.03323	1.03323	0.13364	1.32733	1.32733	0.862679	0.907085	-1.03009	0.0572521	0.684943	-1.45998	0.1694525	0.2944	0.9419	0.0223802	7.54184	7.54184	0.0156051	8.65345	8.65345	0.217702	2.60663	2.60663	2.68601	25.1441	7.65913	1
cg20583945	GSDMD	0.0894415	0.540005	-1.67511	-1.64749	0.0115	0.526987	-1.89758	0.0481997	0.546924	-1.82841	0.378728	0.832636	-1.20101	0.111578	0.7036446	-1.42117	0.0409059	0.619657	1.6138	0.593368	0.872772	-1.14577	0.139081	0.724042	-1.38113	0.16081	0.738004	-1.35501	2.68595	1.74984	0.579086	1
cg24416973	SLC30A3	0.0894416	0.259804	0.815284	-1.22657	0.143025	1.14153	1.13451	0.0660985	0.689958	-1.4907	0.950933	1.01075	1.01075	0.104736	1.0056	1.0056	0.0103107	0.570332	-1.75337	0.327926	0.839088	-1.19177	0.208652	1.25894	1.25894	0.426286	1.86837	1.86837	2.68595	0.155158	0.268598	0.124914	1
cg13787768	CDLS41	0.0894437	0.0183773	0.434807	-2.29754	0.0274498	0.079333	-12.5257	0.0214641	0.319784	-3.13075	0.0665318	0.457455	-2.35042	0.0169281	0.2090275	-4.78421	0.1628206	0.538126	-1.85832	0.1192102	0.2275612	-3.68172	0.0999921	0.473015	-2.114	0.0772627	0.469053	-2.13191	2.68597	0.739337	2.4287	1
cg05380145	ERO1L	0.0894438	0.0050167	0.183923	-5.43706	0.323162	1.59273	1.59273	0.943508	1.03285	1.03285	0.837198	1.09839	1.09839	0.158947	0.503235	-1.98714	0.83939	1.09698	1.09698	?	?	?	0.157059	0.50145	-1.99422	0.273468	0.594635	-1.68171	2.71733	7.95838	2.92875	1
cg17438194	DMRTA2	0.0894457	0.0391549	0.134417	-7.43956	0.525217	1.7182	1.7182	0.551167	0.65853	1.65853	0.639184	0.672323	-1.48738	0.0392289	0.1145649	-7.14223	0.1535737	2.03132	2.03132	0.00839884	4.28414	4.28414	0.0204754	3.13803	3.13803	0.4468357	2.715301	2.715301	2.68595	4.642914	2.42914	1
cg19902175	DIP2C	0.089448	0.0716344	0.417101	-2.3975	0.0093319	0.238349	-4.19553	0.052117	0.382727	-2.61283	0.404921	0.690424	-1.44839	0.0184422	0.2288597	-4.36504	0.460942	0.721582	-1.38584	0.163538	0.523925	-1.90867	0.377759	0.67474	-1.48205	0.186935	0.544376	-1.83696	0.6859	0.039	2.66048	1
cg21246530	FBXL1	0.0894481	0.852239	0.938299	-1.06576	0.610937	1.19153	1.19153	0.473579	1.28268	1.28268	0.00401922	3.74362	3.74362	0.148807	0.589272	-1.69701	0.3150447	0.701287	-1.42595	0.938917	1.02652	1.02652	0.178739	1.62893	1.62893	0.919006	1.03535	1.03535	2.6859	4.9625	1.64232	1
cg24385334	AMIGAP22	0.0894482	0.0716301	0.446356	-2.24008	0.0153605	0.641797	-1.55867	0.7181	0.817482	-1.22361	0.1374986	0.372287	-2.68761	0.1133662	0.8822602	-1.13356	0.6243174	0.761316	-1.31383	0.424059	0.6536809	-1.53018	0.3218814	0.5679938	-1.76076	0.693394	0.74238	-1.34702	2.68589	0.8218	2.9971	0.40315	1
cg13986536	FUBP3	0.0894494	0.134537	0.345184	-2.89701	0.228879	0.434979	-2.29896	0.213265	0.42145	-2.37276	0.0375103	0.203695	-4.90931	0.046044	0.3107596	-3.21962	0.0345964	0.197048	-5.07489	0.0218967	0.1639759	-6.12897	0.571355	0.6858845	-1.45806	0.0227607	0.165801	-6.03132	2.68588	18.4869	6.31821	1
cg18921637	RNF150	0.0894503	0.1470574	0.370728	-2.69781	0.1070078	0.1744953	-5.73168	0.0823043	0.2445753	-4.08939	0.0166407	0.171261	-5.84035	0.0102483	0.1227744	-8.14439	0.1628206	0.538126	-1.85832	0.1192102	0.2275612	-3.68172	0.0999921	0.473015	-2.114	0.0772627	0.469053	-2.13191	2.68587	0.739337	2.4287	1
cg26327781	CABP1;CABP1;CABP1	0.0894512	0.14571	0.60531	-1.65205	0.720008	0.890761	-1.12264	0.156256	0.614199	-1.62814	0.67507	1.1451	1.1451	0.0025615	0.26073	-3.83539	0.478652	1.25512	1.25512	0.408656	0.7621158	-1.31206	0.686529	0.877754	-1.13927	0.509647	0.800569	-1.23982	2.68586	4.39663	1.44508	1
cg02699915	EXT2;EXT2	0.0894519	0.548598	1.19544	1.19544	0.990956	0.996672	-1.00334	0.921407	1.02941	1.02941	0.998242	1.00065	1.00065	0.00925261	0.378544	-2.6417	0.677597	0.884298	-1.13084	0.0912112	0.6349685	-2.30052	0.0895453	0.576651	-1.73415	0.583548	1.17683	1.17683	2.68585	3.67937	1.2177	1
cg19378216	C20orf114	0.0894548	0.1504448	0.369276	-2.71279	0.3329	0.4344971	-2.30111	0.717138	0.9443	-1.06293	0.8924	1.03478	1.034787	0.5495027	0.8343181	0.8949	0.1784	0.512554	0.9455027	0.8343181	0.8949	0.1784	0.512554	0.9455027	0.8343181	0.8949	0.1784	0.512554	0.9455027	0.8343181	0.8949	0.1784	0.512554	0.9455027	0.8343181	0.8949	2.68585	1.3997	0.5254943	0.8250062	-1.21211	2.68583	1.32458	1
cg10716494	MAML2;MAML2	0.0894563	0.8027984	0.990351	-1.00974	0.23298	0.952694	-1.04966	0.244729	1.04828	1.04828	0.235437	1.04936	1.04936	0.705617	1.01481	1.01481	0.557128	1.02328	1.02328	0.0190602	1.11624	1.11624	0.63712	1.01858	1.01858	0.00886885	1.13777	1.13777	2.68579	0.0638718	0.021139	1
cg17438324	ZNF614	0.0894564	0.01760566	1.83474	1.83474	0.0115	1.152603	1.29786	1.29786	0.1822867	1.16472	1.16472	0.0665356	1.704598	1.41925	0.1442756	1.30744	1.30744	1.11444	0.0442284	1.14262	1.14262	0.738361	1.14016	1.14016	0.1077	1.34814	1.34814	2.68579	1.23182	0.407683	1
cg02413902	CLSTN3;R8P5	0.0894567	0.91261	0.970195	-1.03072	0.435666	1.80319	1.24515	0.0067917	2.62938	2.62938	0.283076	1.35989	1.35989	0.0879795	0.5595132	1.6803	0.9076337	0.968517	-1.03251	0.832201	1.06019	1.06019	0.144306	1.54245	1.54245	0.259105	1.38334	1.38334	2.68579

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg02971470	PPIE;PPIE;PPIE	0.0895515	0.106092	0.606317	-1.6493	0.273384	0.72387	-1.38146	0.0676801	0.559748	-1.78052	0.361426	0.76547	-1.30468	0.0306363	0.480762	-2.05439	0.146482	0.642842	-1.55559	0.0188055	0.446236	-2.24097	0.0299583	0.484781	-2.08279	0.0612149	0.54992	-1.81844	2.84509	3.41706	1.13141	1
cg01899001	EK2;PIEK2 SARS2;MRPS12;MRPS12;MRPS12;SARS	0.0895517	0.121962	1.42521	1.42521	0.109065	1.44679	1.44679	0.282787	1.26604	1.26604	0.940293	0.984292	-1.01596	0.0818731	1.50307	1.50307	0.259714	1.28211	1.28211	0.464678	0.854459	-1.17033	0.00836208	2.03848	2.03848	0.0529165	1.59196	1.59196	2.68459	1.89945	0.628923	1
cg23955930	2;MRPS12;MRPS12;MRPS12	0.0895540	0.405602	0.496663	-1.17694	0.67733	0.0923024	-1.08342	0.186914	0.765019	-1.30716	0.144028	1.35056	1.30156	0.0151558	0.564808	-1.77051	0.188842	0.760618	-1.30545	0.063787	0.671008	-1.49039	0.279494	1.2402	1.2402	0.491187	1.14326	1.14326	2.68455	1.55871	0.516109	1
cg25000079	FAM179B;KLHL28	0.0895551	0.876701	1.02979	1.02979	0.0668717	1.47596	1.47596	0.339534	1.30457	1.30457	0.0797274	1.44438	1.44438	0.00483999	2.02696	2.02696	0.071272	1.46362	1.46362	0.615082	1.00061	1.00061	0.13398	1.3574	1.3574	0.163751	1.32443	1.32443	2.68455	1.55994	0.503272	1
cg00481280	MIR122	0.0895556	0.0163068	0.199791	-5.00523	0.0947852	0.365368	-2.73696	0.193037	0.469835	-2.12841	0.377209	0.608426	-1.64358	0.0891981	0.357795	-2.79489	0.182742	0.460557	-2.17129	0.0145802	0.192111	-5.20534	0.928629	1.05035	1.05035	0.068829	0.327366	-3.05468	2.68454	12.785	4.23329	1
cg01749901	RTBDN;RTBDN	0.0895559	0.311713	0.815121	-1.22692	0.628752	0.911584	-1.09704	0.816896	1.25128	1.25128	0.492053	1.34585	1.34585	0.124981	0.924891	0.916797	-1.09075	0.237166	0.801865	-1.24709	0.0990436	0.656124	0.513055	1.73121	1.73121	0.558843	1.10984	1.10984	2.68454	1.32135	0.437517	1
cg01972875	FAM65A HAUS4;HAUS4;HAUS4;HAUS4;HAUS4;H	0.0895618	0.0311583	1.48288	1.48288	0.830578	0.967173	-1.03394	0.0158125	1.58496	1.58496	0.448818	0.785682	1.22778	0.477941	1.11895	1.11895	0.71656	1.05844	1.05844	0.554725	0.911124	-1.09755	0.129243	1.29093	1.29093	0.45268	0.887651	-1.12657	2.68446	1.03173	0.341632	1
cg01547609	AUS4	0.0895639	0.779711	1.02206	1.02206	0.0727827	1.16858	1.16858	0.0711928	1.16983	1.16983	0.885742	0.988871	-1.01125	0.432412	1.06435	1.06435	0.464521	1.05965	1.05965	0.157668	1.12479	1.12479	0.0472576	0.83804	-1.19326	0.0275542	1.22487	1.22487	2.68444	0.257564	0.0852864	1
cg25199878	NCKAP1;NCKAP1	0.0895646	0.136833	0.686044	-1.45763	0.343457	0.794955	-1.25793	0.0432067	0.578776	-1.73778	0.0442268	0.636524	-1.57103	0.123388	0.675428	-1.48054	0.262667	1.04156	1.04156	0.0396287	0.570481	-1.75198	0.0434067	0.578463	-1.72872	0.0204722	0.518605	-1.92825	2.68443	2.3504	0.778283	1
cg05262615	ACOT9;ACOT9	0.0895652	0.0235436	0.295555	-3.44678	0.0157476	0.200159	-3.99158	0.343954	0.588823	-1.66883	0.687211	0.802385	-1.24597	0.0717755	0.335381	-2.98168	0.139429	0.42015	-2.37897	0.0268684	0.284099	-3.51611	0.0154405	0.394582	-2.53433	0.0050795	0.602932	-1.44314	2.68442	12.5502	4.15574	1
cg06052353	THSD4	0.0895657	0.310209	0.848474	-1.17859	0.732383	1.05518	1.05518	0.790556	1.04253	1.04253	0.23499	0.823013	-1.21505	0.0369216	0.68439	-1.46116	0.788762	0.95885	-1.04292	0.00899246	1.68168	1.68168	0.882258	1.02346	1.02346	0.452441	1.12725	1.12725	2.68441	1.04107	0.344729	1
cg01405940	C17orf97	0.0895659	0.288261	1.25617	1.25617	0.159169	0.732552	-1.36515	0.0684684	1.53492	1.53492	0.289457	0.796553	-1.25541	0.731807	0.931823	-1.07317	0.380394	0.830161	1.20459	0.0103289	1.95113	1.95113	0.575085	1.12431	1.12431	0.392626	1.1986	1.1986	2.68441	1.81944	0.602471	1
cg20743134	C5orf64	0.0895677	0.109446	0.816186	-1.81948	0.142201	0.358464	-3.35864	0.419165	0.811546	1.84844	1.84844	0.707976	0.768839	-1.3354	0.580632	1.72268	0.206046	0.590774	1.69456	0.00845285	0.075629	-13.2224	0.321588	0.455523	-2.19528	0.232165	0.382068	-2.61751	0.84379	0.30062	1
cg16646004	VTA1	0.0895692	0.30117	0.829693	-1.20526	0.0374013	0.656421	-1.52341	0.0607664	0.691584	-1.44596	0.283891	1.21412	1.21412	0.123422	1.33753	1.33753	0.44788	1.14431	1.14431	0.0919374	1.38173	1.38173	0.820717	0.961213	-1.04035	0.3417292	0.843068	-1.18614	2.68437	1.29128	0.427589	1
cg06678667	MITF;MITF;MITF;MITF;MITF;MITF	0.0895711	0.302954	0.67643	-1.47935	0.294148	1.26227	1.26227	0.533924	1.14582	1.14582	0.302707	0.790625	-1.26491	0.0210904	0.55121	-1.81419	0.195582	1.14978	1.14978	0.0455481	1.65279	1.65279	0.998133	0.999487	-1.00051	0.923862	0.97927	-1.02117	2.68434	2.04152	0.676024	1
cg02374984	CES1;CES1;CES1	0.0895725	0.844125	0.87893	1.07893	0.0085461	0.518564	3.68464	0.115106	1.85041	1.65069	0.725848	0.611506	1.84581	0.0274758	1.41992	1.41992	0.0803486	1.21405	1.21405	0.0193518	1.78682	1.78682	0.0929892	2.04059	2.04059	0.0131888	0.668533	-1.49581	2.68433	6.31184	2.09673	1
cg10878896	CS	0.0895742	0.0253015	0.588674	-1.69873	0.12545	1.39114	1.39114	0.0892232	1.45219	1.45219	0.643239	0.91133	-1.0973	0.0913009	0.6906	-1.44802	0.359746	0.829074	-1.20617	0.127242	0.720138	-1.38862	0.266753	0.794268	-1.25902	0.937808	0.984586	-1.01566	2.68431	1.6847	0.557875	1
cg13749703	NOL7	0.0895753	0.688737	0.95755	-1.04443	0.0107147	0.0923024	1.09674	1.09674	0.619594	1.09599	1.09599	0.0400202	1.12932	1.12932	0.0147919	1.38178	1.38178	0.501283	0.929109	-1.0763	0.227822	0.0718518	1.14611	0.358167	0.903218	-1.10751	2.68429	0.489347	0.163377	1
cg08644839	VSIG8	0.0895756	0.374099	1.19909	1.19909	0.0164394	0.557981	-1.79218	0.219792	0.772675	-1.29421	0.588132	1.11495	1.11495	0.0213481	0.57667	-1.73409	0.254897	1.26689	1.26689	0.232306	0.780727	-1.28086	0.950807	0.987797	-1.01235	0.390632	0.839413	-1.19131	2.68429	1.68365	0.557534	1
cg03185376	TMC4;TMC4	0.0895772	0.171512	4.68089	4.68089	0.0156256	0.641005	21.1487	0.0134868	7.85924	7.85924	0.0139844	0.447835	12.9072	0.0138644	0.447835	12.9072	0.128523	2.62606	2.62606	0.0134728	0.254506	2.62606	0.0134728	0.254506	3.92427	0.0134728	0.254506	3.92427	0.0134728	0.254506	3.92427	1
cg12786680	WSCD1	0.0895782	0.154678	0.508326	-1.96724	0.100272	0.449409	-2.22515	0.110423	0.21655	0.21655	0.988159	0.992324	-1.00774	0.192147	0.541592	-1.84641	0.0156704	0.268254	-3.7278	0.779499	1.13278	1.13278	0.167034	0.519785	-1.92387	0.332624	1.15885	1.15885	2.68426	8.388	2.77768	1
cg08202199	MKL2	0.0895858	0.0729308	2.32317	2.32317	0.867923	0.127266	1.07266	0.0513459	2.5657	2.5657	0.0307308	0.91372	2.95481	0.0125724	0.338402	2.95481	0.759432	0.878592	-1.13818	0.40956	1.42677	1.42677	0.0723331	2.3282	2.3282	0.0133138	3.64124	3.64124	2.68416	7.54923	2.50001	1
cg16503653	LRCH1;LRCH1;LRCH1	0.0895884	0.0748115	0.670649	-1.49099	0.173455	0.719455	1.13453	0.0441979	1.59157	1.59157	0.732671	0.916985	1.37255	0.0139161	0.728271	1.37255	0.0931695	1.23762	1.23762	0.0152583	1.82158	1.82158	0.0133863	1.2195	1.2195	0.920497	1.08016	1.08016	2.68413	1.72245	0.570414	1
cg03271893	LZTS2 FCAR;FCAR;FCAR;FCAR;FCAR;FCAR;FCA	0.0895895	0.66126	1.182	1.182	0.138915	1.82954	1.82954	0.505247	1.29224	1.29224	0.155209	1.78038	1.78038	0.100354	1.97911	1.97911	0.0225038	2.81909	2.81909	0.0273215	2.69192	2.69192	0.0129947	3.21843	3.21843	0.217583	1.63544	1.63544	2.68411	6.11353	2.0246	1
cg13601636	R;FCAR;FCAR	0.0895901	0.0358219	0.365233	-2.73798	0.620051	0.813474	-1.22889	0.214575	0.583424	-1.71402	0.564094	0.786253	-1.27186	0.0189589	0.309827	-3.22761	0.806293	1.10663	1.10663	0.0955396	0.258174	-3.87336	0.690188	0.808778	-1.23643	0.241013	0.582998	-1.71527	2.68411	7.23038	2.39447	1
cg24334634	DCUN1D2	0.0895904	0.115765	0.572337	-1.74722	0.0193489	2.51728	2.51728	0.637146	1.16776	1.16776	0.543396	1.22235	1.22235	0.319717	0.714887	-1.39882	0.511504	1.24277	1.24277	0.0926993	1.82922	1.82922	0.211726	1.53636	1.53636	0.119336	0.575962	-1.73622	2.6841	4.52917	1.49992	1
cg03704700	CHST6	0.0895907	0.138557	0.69766	-1.43331	0.0966858	-1.49957	0.304021	0.807883	-1.1521	0.264781	0.847116	1.1652	1.1652	0.0240207	1.35193	1.35193	0.0147109	1.38178	1.38178	0.501283	0.929109	-1.0763	0.227822	0.976424	-1.02436	0.151107	1.22705	1.22705	2.68409	0.751949	0.249022	1
cg05336067	ZNF10	0.0895936	0.0914296	0.528	-1.53186	0.286883	0.775896	-1.28883	0.222041	0.744925	-1.34241	0.803581	1.05884	1.05884	0.699394	1.09497	1.09497	0.137041	0.692473	-1.4441	0.0289587	1.14116	1.14116	0.898833	1.02961	1.02961	0.446038	0.836755	-1.19509	2.68406	2.2379	0.741132	1
cg16593201	PBX3	0.0895949	0.0364997	0.823179	-1.21467	0.0456256	0.240601	-4.16582	0.0772383	0.271641	-3.68132	0.0447875	0.359326	-2.78367	0.0268184	0.344735	-2.90222	0.0198522	0.0368184	27.1619	0.00178	0.0197954	0.55882	1.78948	0.0489955	0.44225	0.441436	0.0761643	1.07643	2.68404	18.3097	6.19619	1
cg22493358	ZNF862	0.0895965	0.303429	1.23918	1.23918	0.904627	0.976173	-1.02441	0.813404	0.953542	-1.04872	0.847973	1.03224	1.03224	0.9148	0.978609	-1.02176	0.627503	0.906305	-1.10338	0.00169471	2.46516	2.46516	0.785774	1.05634	1.05634	0.431524	1.17529	1.17529	2.68402	1.72063	0.569834	1
cg09016822	IER3	0.0895969	0.620163	0.714527	-1.39895	0.0925753	0.583516	1.41016	0.0509099	1.47239	1.47239	0.607739	1.42656	1.42656	0.0886099	1.55933	1.55933	0.0179833	1.78839	1.78839	0.0276237	2.27527	2.27527	0.14407	0.6219	0.6219	0.0777589	1.51899	1.51899	2.68402	1.29243	0.42738	1
cg14525402	INSL4	0.0896045	0.0286888	0.303125	-3.29897	0.150618	0.4904	-2.03915	0.702178	0.583716	-1.19446	0.0716534	0.533516	2.53516	0.137329	0.477041	2.09625	0.192306	0.528198	-1.89323	0.81237	1.11626	1.11626	0.110946	2.23268	2.23268	0.0415585	0.678195	1.4745	2.68392	2.0931	3.01155	1
cg08141192	GPR125	0.0896048	0.3700003	1.25977	1.25977	0.0115173	2.20942	2.20942	0.861961	1.04462	1.04462	0.126262	1.51429	1.51429	0.585954	0.871125	-1.14794	0.612626	0.879785	-1.13664	0.0297712	0.526477	-1.89942	0.768983	1.07068	1.07068	0.996139	0.998787	-1.00121	0.683992	2.67464	0.885816	1
cg06445505	EPHB3	0.0896053	0.0726823	1.44648	1.44648	0.0871253	0.0923024	1.40249	0.0923024	1.83523	1.83523	0.0923024	1.83582	1.83582	0.360238	1.34126	1.34126	0.0179266	1.78095	1.78095	0.0276237	2.27527	2.27527	0.14407	0.6219	0.6219	0.0777589	1.51899	1.51899	2.68402	1.29243	0.42738	1
cg15211499	CAMTA1	0.0896065	0.0437319	0.89338	0.89338	0.980745	0.02099	1.02099	0.255688	2.86053	2.86053	0.090485	0.555546	7	7	7	7	0.192306	0.528198	-1.89323	0.81237	1.11626	1.11626	0.110946	2.23268	2.23268	0.0415585	0.678195	1.4745	2.68392	2.0931	3.01155	1
cg01145360	CDK17;CDK17	0.0896067	0.4162621	0.7917	0.7917	0.0529526	0.0923024	1.34119	0.0889215	1.27243	1.27243	0.129461	0.567975	1.95626	0.0106459	0.912114	0.9914577	-1.00862	0.227842	0.90627	-1.1034	0.168825	1.12071	1.12071	0.027089	0.815955	-1.22556	0.570935	0.956461	-1.04552	2.68389	0.256868	0.0946253	1
cg01496203	PRDM5	0.0896075	0.889424	0.968576	-1.03244	0.53948	1.15325	1.15325	0.0379129	0.575548	-1.73748	0.262551	1.30749	1.30749	0.46917	0.844491	-1.18415	0.0612189	0.616241	-1.62274	0.099654	0.660891	-1.51311	0.016025	0.508337	-1.9672	0.747566	0.928564	-1.07693	2.68389	2.23914	0.74159	1
cg04158062	GALNT9	0.0896076	0.889391	0.953293	-1.04948	0.360391	1.57473	1.57473	0.175115	0.635485	-1.57401	0.248342	1.62077	1.62077	0.163972	0.619753	-1.61393	0.571315	0.752898	-1.328	0.0207854	0.383885	-5.51638	0.0154565	1.40419	0.0798798	0.381297	-2.62363	0.83898	2.68388	10.4024	3.94638	1
cg01051194	MIU1	0.0896089	0.722148	1.05816	1.05816	0.372191	1.19886	1.19886	0.276902	0.83844	1.19157	0.632205	0.926486	1.07935	0.0959598	0.962499	-1.03896	0.939207	1.01215	1.01215	0.86883	0.974161	-1.02652	0.00557311	1.7798	1.7798	0.0197027	1.56209	1.56209	2.68387	1.06574	0.352971	1
cg15882155	NFRKB;NFRKB	0.0896104	0.00276615	0.282288	-3.54248	0.171926	0.641529	-1.55878	0.712817	1.11947	1.11947	0.76615	1.09532	1.09532	0.281693	0.710685	-1.40709	0.250758	0.693268	-1.44244	0.276846	0.708036	-1.41236	0.555505	1.19959	1.19959	0.40171	0.769511	-1.29953	2.68385	3.96099	1.31188	1
cg08109276	DCBLD2	0.0896125	0.137402	0.69766	-1.43331	0.0966858	-1.49957	0.304021	0.807883	-1.1521	0.264781	0.847116	1.1652	1.1652	0.0240207	1.35193	1.35193	0.0147109	1.38178	1.38178	0.501283	0.929109	-1.0763	0.227822	0.976424	-1.02436	0.151107	1.22705	1.22705	2.68409	0.751949	0.249022	1
cg25034947	TIPRL;TIPRL	0.0896321	0.52726	1.21326	1.21326	0.0645764	1.13309	1.13309	0.0554234	1.92558	1.92558	0.95268	1.17563	1.17563	0.762115	1.09595	1.09595	0.188855	0.656968	-1.52214	0.575102	0.842888	-1.1864	0.595585	1.17546	1.17546	0.939018	0.976024	-1.02456	2.68357	3.87102	1.28221	1
cg12888080	UNC5A	0.0896335	0.370705	1.08776	1.08776	0.173726	0.810108	1.10916	0.0409758	1.53856	1.53856	0.560168	1.10916	1.10916	0.0409758	1.53856	1.53856	0.0601088	1.44706	1.44706	0.164764	1.13013	1.13013	0.0452153	1.58386	1.58386	0.0156524	1.56563	1.56563	2.68354	1.56563	0.427773	1
cg02233197	TNFAIP8L3	0.0896338	0.7614	0.855747	-1.16857	0.436804	0.666462	-1.50046	0.0256213	0.257613	-3.88179	0.823301	0.891899	-1.1212	0.538523	0.727208	1.37512	0.382453	1.58117	1.58117	0.00515703	0.151177	-6.61492	0.826696	1.11869	1.11869	0.209906	0.508687	-1.96584	0.63943	11.1203	3.6836	1
cg03106090	CABC1	0.0896444	0.408932	1.14853	1.14853	0.0676005	1.77832	1.77832	0.713365	1.06236	1.06236	0.296076	1.19441	1.19441	0.557235	0.90725	-1.10223	0.0195012	1.58874	1.58874	0.20106	1.24784	1.24784	0.117594	1.32139	1.32139	0.902962	1.0202	1.0202	2.68342	1.14265	0.378507	1
cg18996910	C1QTNF1;C1QTNF1	0.0896447	0.444415	0.799475	-1.25091	0.127082	0.775563	-1.28939	0.222722	0.881878	-1.13394	0.634698	0.907357	-1.1039	0.605531	0.923221	-1.08316	0.172758	1.2492	1.2492	0.0334149	0.541553	-1.84654	0.587857	0.931321	-1.07393	0.715733	0.853739	-1.17135	2.68342	1.09366	0.331046	1
cg14073986	SLMO2	0.0896477	0.117202	0.26239	-3.81113	0.10848	0.252448	-3.9612	0.213948	0.357443	-2.79765	0.0880536	0.227646	-4.39279	0.0556221	0.187743	-5.50226	0.0576838	0.184995	5.40555	0.0350357	0.145006	-6.89626	0.335239	2.18425	2.18425	0.0558484	0.182096	-5.49361	0.68338	26.2695	8.70199	1
cg17791577	KCNA6	0.0896488	0.309976	0.79001	-1.26594	0.0258059	0.0923024	1.75348	0.0923024	1.86174	0.0923024	1.87403	0.916703	-1.09107	0.233413	0.570424	-1.75419	0.0691458	0.239311	-4.1787	0.0047497	0.227313	-4.39923	0.24602	0.457191	-2.18727	0.68272	0.0923024	1.84	2.68337	15.5003	3
cg01886957	DPP10;DPP10	0.0896623	0.747177	0.92807	-1.07755	0.846747	1.0457	1.0457	0.558571	1.14638	1.14638	0.307964	1.27596	1.27596	0.0936292	0.402937	2.48178	0.877804	1.06502	1.03617	0.234588	0.740967	-1.33939	0.398774	0.819139	-1.22079	0.225944	1.34447	1.34447	2.68369	2.72672	0.750782	1
cg24420574	MAD1L1;MAD1L1;MAD1L1	0.0896253	0.0980747	0.378614	-2.64121	0.0043796	0.130424	-7.66728	0.0345811	0.267424	-3.73938	0.447864	0.660988	-1.51289	0.0719204	0.341202	-2.93081	0.240738	0.518216	-1.9297	0.64918	0.777696	-1.28585	0.594459	0.750057	-1.33123	0.375595	0.614644	-1.62696	2.68366	12.1761	4.033	1
cg13443201	COIL	0.0896263	0.304989	0.756198	-1.32241	0.194404	0.745	-1.34228	0.0442042	0.561473	-1.78107	0.0697473	0.663473	-1.50707	0.0887585	0.307403	-3.25344	0.0831507	1.16579	1.16579	0.548793	1.17305	1.17305	0.757625	0.921792	-1.08484	0.859066	0.954491	-1.04782	2.68366	0.741551	0.374351	1
cg25034947	TIPRL;TIPRL	0.0896321	0.52726	1.21326	1.21326	0.0645764	1.13309	1.13309	0.0554234	1.92558	1.92558	0.95268	1.17563	1.17563	0.762115	1.09595	1.09595	0.188855	0.656968	-1.52214	0.575102	0.842888	-1.1864	0.595585	1.17546	1.17546	0.939018	0.976024	-1.02456	2.68357	3.87102	1.28221	1
cg12888080	UNC5A	0.0896335	0.370705	1.08776	1.08776	0.173726	0.810108	1.10916	0.0409758	1.53856	1.53856	0.560168	1.10916	1.10916	0.0409758	1.53856	1.53856	0.0601088	1.44706	1.44706	0.164764	1.13013	1.13013	0.0452153	1.58386	1.58386	0.0156524	1.56563	1.56563	2.68354	1.56563	0.427773	1
cg02233197	TNFAIP8L3	0.0896338	0.7614	0.855747	-1.16857	0.436804	0.666462	-1.50046	0.0256213	0.257613	-3.88179	0.823301	0.891899	-1.1212	0.538523	0.727208	1.37512	0.382453	1.58117	1.58117	0.00515703	0.151177	-6.61492	0.826696	1.11869	1.11869	0.209906	0.508687	-1.96584	0.63943	11.1203	3.6836	1
cg03106090	CABC1	0.0896444	0.408932	1.14853	1.14853	0.0676005	1.77832	1.77832	0.713365	1.06236	1.06236	0.296076	1.19441	1.19441	0.557235	0.90725	-1.10223	0.0195012	1.58874	1.58874	0.20106	1.24784	1.24784	0.117594	1.32139	1.32139	0.902962	1.0202	1.0202	2.68342	1.14265	0.378507	1
cg18996910	C1QTNF1;C1QTNF1	0.0896447	0.444415	0.799475	-1.25091	0.127082	0.775563	-1.28939	0.222722	0.881878	-1.13394	0.634698	0.907357	-1.1039	0.605531	0.923221	-1.08316	0.172758	1.2492	1.2492	0.0334149	0.541553	-1.84654	0.587857	0.931321	-1.07393	0.715733	0.853739	-1.17135	2.68342	1.09366	0.331046	1
cg14073986	SLMO2	0.0896477	0.117202	0.26239	-3.81113	0.10848	0.252448	-3.9612	0.213948	0.357443	-2.79765	0.0880536	0.227646	-4.39279	0.0556221	0.187743	-5.50226	0.0576838	0.184995	5.40555	0.0350357	0.145006	-6.89626	0.335239	2.18425	2.18425	0.0558484	0.182096	-5.49361	0.68338	26.2695	8.70199	1
cg17791577	KCNA6	0.0896488	0.309976	0.79001	-1.26594	0.0258059	0.0923024	1.75348	0.0923024	1.86174	0.0923024	1.87403	0.916703	-1.09107	0.233413	0.570424	-1.75419	0.0691458	0.239311	-4.1787	0.0047497	0.227313	-4.39923	0.24602	0.457191	-2.18727	0.68272	0.0923024	1.84	2.68337	15.5003	3
cg22525999	ART3;ART3;ART3	0.0896521	0.252547	0.69114	0.69114	0.548436	0.765711	-1.30598	0.753446	0.861492	-1.16078	0.598701	1.26296	1.26296	0.177188	1.87862	1.87862	0.24409	1.70872	1.70872	0.0188221	2.34087	2.34087	0.0216105	1.90058	1.90058	0.0662466	1.47364	1.47364	2.68332	2.21316	2.72073	1
cg19301960	C19orf23;CRBP;CIRBP;CIRBP	0.0896547	0.215133	1.55697	1.55697	0.63099	1.17039	1.17039	0.0549306	2.18426	2.18426	0.674839	1.16351	1.16351	0.559813	1.01825	1.01825	0.338919	0.70201	-1.42448	0.138862	0.564492	-1.7715	0.00835844	3.35202	3.35202	0.386561	1.37518	1.37518	2.68329	5.47509	1.81372	1
cg23954731	NAT14	0.0896550	0.0800184	0.350554	-2.85277	0.0222	0.0923024	-2.01855	0.0923024	1.46473	-1.14434	0.0923024	1.4468	-1.18187	0.0875851	1.74903	1.74903	0.0190007	2.12031	2.12031	0.0630972	2.12035	-8.30011	0.234059	0.510084	1.96056	0.0810851	0.152744	-2.83491	0.68329	12.3773	4.10021	1
cg14397550	MAD1L1;MAD1L1;MAD1L1	0.0896552	0.13683	0.720393	-1.38813	0.810889	1.05025	1.05025	0.575157	1.12413	1.12413	0.288485	0.798122	-1.25294	0.166049	0.739513	-1.35224	0.105346	1.46313	1.46313	0.0101773	1.94094	1.94094	0.710679	1.07923	1.07923	0.527576	0.877237	-1.13994	2.68328	1.77965	0.589543	1
cg18725544	PIBF1	0.0896574	0.0749459	0.3139	-3.18504	0.124277	1.74478	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18702576	MIR659		0.0501442	0.204694	4.88535	0.0535922	0.210786	-4.74414	0.0553564	0.220519	-4.53477	0.174991	0.358944	-2.78595	0.102483	0.181616	-5.51998	0.993275	0.994032	-1.006	0.0476793	0.200194	4.995516	2.68204	21.4295	7.10223	1
cg02909158	ZIC5		0.0729528	0.113787	-8.78832	0.19496	0.225959	-4.42557	0.482384	2.16983	0.355868	-2.80217	0.0200544	0.0476406	-20.9905		0.173427	0.207728	-4.81399	0.0196783	0.047026	-21.2648	0.0901062	0.131773	-7.58883	0.108282	0.149432	-6.69203	2.682	50.0034	16.5725	1
cg10772923	HNRNPLL1;HNRNPLL1 CATSPER2;CATSPER2;CATSPER2;CATSP		0.089758	0.127406	0.688987	-1.45141	0.63937	0.898835	-1.11255	0.0164726	1.93916	1.93916	0.0499868	1.65722	1.65722	0.938143	0.982613	-1.01769		0.779776	0.938617	-1.0654	0.0509935	1.65259	1.65259	0.869218	0.963445	-1.03794	0.499414	1.16759	1.16759	0.681999	2.16937	0.718992	1
cg10011062	ER2;CATSPER2;CATSPER2		0.0897614	0.227352	0.749736	-1.3338	0.328193	0.795029	-1.25782	0.486353	0.8515	-1.1744	0.479193	1.17762	1.17762	0.865824	0.962294	-1.03918		0.357278	0.24008	1.24008	0.0695202	2.23154	2.21154	0.523357	1.15835	1.15835	0.0602358	1.6188	1.6188	2.68195	2.1941	0.727201	1
cg22280075	IFFO1;IFFO1;IFFO1		0.0897619	0.0174876	0.280493	-3.44242	0.608966	0.802112	-1.24671	0.123245	0.84988	-1.04132	0.6077	0.807455	-1.2477	0.0804064	0.436555	-2.29066		0.866367	1.07463	1.07463	0.345704	1.51444	1.51444	0.0556614	2.52632	2.52632	0.0408656	1.6968E	-1.43503	2.68194	7.75858	2.57147	1
cg25025646	NOS3;ATG9B		0.0897628	0.075933	3.75497	3.75497	0.6610093	4.14404	4.14404	0.148757	2.82186	2.82186	0.334942	1.94664	1.94664	0.0832513	3.61298	3.61298		0.569447	1.46981	1.46981	0.00813357	9.67425	9.67425	0.0617737	4.09275	4.09275	0.0685882	3.91802	3.91802	2.68193	19.0604	6.31731	1
cg04499030	GHRH		0.0897657	0.124373	0.653035	-1.53133	0.36231	1.17119	1.27119	0.682164	1.11129	1.11129	0.146892	0.671010	-1.49037	0.0644788	0.403599	-2.47893		0.19985	0.665583	-1.50244	0.50199	1.18999	1.18999	0.0925764	2.738239	-1.35452	0.74757	1.10627	1.10627	2.68189	2.78943	0.924531	1
cg14689979	NPY6R		0.0897659	0.664508	1.34072	1.12672	0.103534	1.62708	1.62708	0.00838796	0.938225	-2.51114	0.888796	0.96247	-1.03899	0.405239	0.792297	-1.26215		0.267093	1.37179	1.37179	0.951737	0.983587	0.984294	-1.01596	0.894823	0.984294	-1.01596	0.894823	0.984294	-1.01596	3.17527	1.05241	1
cg18415791	OSBPL5;OSBPL5;OSBPL5		0.0897671	0.0619906	0.582175	-1.7177	0.6084553	0.591503	-1.69061	0.48122	0.831686	-1.20238	0.0108276	0.438738	-2.27927	0.256548	0.737229	-1.35643		0.809301	0.939659	-1.06422	0.93626	1.0208	1.0208	0.956158	0.985947	-1.01425	0.0193997	0.483045	-2.0702	2.68187	2.81472	0.932921	1
cg05080777	RTN4IP1		0.089764	0.115268	0.408829	-2.44753	0.122522	1.10122	1.10122	0.0108454	0.350026	-2.85585	0.0320084	0.04644	-2.78955	0.0210464	0.359425	-2.78161		0.560809	1.37051	1.37051	0.0154953	0.47148	1.12098	0.859361	0.998561	-1.00149	0.0504957	0.303609	-2.29371	2.68186	12.1478	4.02631	1
cg05751616	IFFO1;IFFO1;IFFO1		0.0897683	0.184685	1.26478	1.26478	0.59647	1.09332	1.09332	0.181691	0.789226	-1.26706	0.926845	0.984784	-1.01545	0.0500141	0.537968	-1.85885		0.60467	1.07158	1.07158	0.245971	1.22457	1.22457	0.482437	1.12658	1.12658	0.659744	1.07678	1.07678	2.68186	1.18401	0.392435	1
cg26163238	DEPDC5		0.0897696	0.028042	0.17553	-5.69704	0.8092818	1.1656	1.1656	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	2.68185	0.919468	-1.08759	3.22876	12.8736	3.98718	1
cg15075897	DPPA3		0.0897697	0.276342	1.59461	1.59461	0.19431	1.76099	1.76099	0.703199	0.854058	-1.17088	0.0154441	0.293874	-3.40282	0.717659	0.861013	-1.16142		0.537534	0.773161	-1.29339	0.267665	1.60939	1.60939	0.214532	1.71343	1.71343	0.04703	2.55169	2.55169	2.68184	7.21352	2.3909	1
cg01107057	TEX264;TEX264;TEX264		0.0897721	0.936158	0.991969	-1.0081	0.500476	1.07126	1.07126	0.0340214	1.2028	1.2028	0.198046	0.872035	-1.14674	0.0141196	0.737223	-1.35644		0.34193	0.906143	-1.10358	0.981618	0.997684	-1.00232	0.337317	0.904517	-1.10556	0.307901	1.12108	1.12108	2.68181	0.430281	0.142617	1
cg14802097	PROC611		0.0897732	0.951872	0.981575	-1.01877	0.744641	1.20516	1.20516	0.0225347	0.682247	-1.46446	0.39448	0.764359	-1.30825	0.023788	0.454489	-2.20627		0.864034	1.04253	1.04253	0.0714226	0.537777	-1.85951	0.0252662	2.60965	2.60965	0.0183227	0.926979	-1.07965	2.6818	0.403192	1.33639	1
cg20725716	FGFR4;FGFR4;FGFR4		0.0897734	0.0803991	0.319774	-3.1272	0.83558	0.897081	-1.11473	0.576758	0.71786	-1.39303	0.1301846	0.382521	-2.61423	0.0215726	0.197439	-5.06485		0.305573	0.535972	-1.86577	0.0112612	0.154671	-6.46533	0.131551	0.384032	-2.60395	0.0512196	0.271127	-3.68381	2.68179	14.6794	4.86552	1
cg01051187	KIAA1530		0.0897748	0.347902	1.19543	1.19543	0.1573	0.6058308	0.68247	-1.46487	0.335569	1.20128	1.20128	0.656177	1.08629	0.0819099	0.590741	-1.69279		0.255395	0.803052	-1.24525	0.0652294	1.46572	1.46572	0.51925	1.12465	1.12465	0.0496903	0.988412	-1.01172	2.68178	1.4491	0.480378	1
cg15572907	SPTBN4		0.0897752	0.877159	1.13151	1.13151	0.732825	0.760562	-1.31482	0.380201	0.491874	-2.03304	0.0825888	0.215315	-6.64436	0.00822502	0.0679936	-14.8824		0.637711	0.684639	-1.46062	0.184453	0.324839	-3.07845	0.0632304	0.50553	0.83125	0.844041	-1.18479	0.687177	2.67981	0.938183	1
ch.11.9757058	C11orf49;C11orf49;C11orf49;C11orf49		0.0897757	0.00910753	0.217312	-4.60167	0.0155523	0.254896	-3.92317	0.149593	0.49078	-2.03757	0.279394	0.595669	-1.67879	0.1096		0.447716	-2.23356		0.346154	0.63958	-1.56353	0.064274	0.383749	-2.60587	0.144841	0.480676	-2.05729	0.398441	0.671476	-1.48926	2.68177	9.01407	2.98777	1
cg21837490	ZNF143		0.0897778	0.194398	1.2487	1.2487	0.286317	0.910659	0.52809	1.10896	0.0509695	1.43457	1.43457	0.600897	0.918151	-1.08915		0.356122	1.16598	1.16598	0.0650944	1.79801	1.79801	0.357626	1.16539	1.16539	0.763473	0.952346	-1.05004	2.68174	1.11172	0.36849	1
cg20992767	CD40LG		0.0897785	0.228316	1.68182	1.43024	0.0944722	0.826983	0.74211	0.0997727	0.974254	1.01607	0.0819097	0.995494	-1.13286	0.0944664	0.983575	-1.01707		0.951219	1.07747	1.07747	0.383954	1.16962	1.16962	0.344208	0.75891	-1.31768	0.833102	0.941292	-1.06237	2.68174	0.94048	0.31282	1
cg26574651	FILIP1		0.0897786	0.854769	1.0935	1.0935	0.2265279	0.277246	-3.60691	0.0360585	0.304401	-3.28514	0.864909	0.92029	-1.08661	0.0151707	0.233156	4.28531		0.440528	0.681323	-1.46773	0.0636533	0.361623	-2.76531	0.412424	0.66444	-1.50503	0.110729	0.428365	-2.33446	2.68173	10.1076	3.35029	1
cg16454107	TMEM100;TMEM100		0.0897787	0.0426984	0.210703	-4.74601	0.879434	0.899056	-1.11228	0.839806	0.87363	-1.16451	0.406151	0.832863	-1.20092	0.0235222	0.310126	-3.22432		0.943771	0.954009	-1.04821	0.0386799	0.202482	-4.88234	0.5394	1.51399	1.51399	0.158818	0.365939	-2.7327	2.68173	18.9231	6.27229	1
cg20303399	ADRA1A;ADRA1A;ADRA1A;ADRA1A		0.089779	0.0554225	0.115037	-8.69551	0.0184071	0.182805	-5.4705	0.107534	0.84373	-1.51417	0.0134703	0.0154587	-6.47115	0.0122886	0.0148778	-67.2045		0.833414	1.24857	1.24857	0.0240727	2.43886	2.43886	0.0452971	1.55265	1.55265	0.0228655	1.6968E	1.6968E	2.68171	59.8441	19.8361	1
cg25403152	TOX		0.0897813	0.0656897	1.56727	1.56727	0.515957	0.865284	-1.15569	0.20459	0.747353	-1.33806	0.508122	1.15726	1.15726	0.801512	1.05633	1.05633		0.0849513	0.660733	-1.51347	0.0509668	1.62198	1.62198	0.0699795	1.55389	1.55389	0.186895	1.35574	1.35574	2.68169	2.01007	0.666269	1
cg15531562	VAR5		0.0897835	0.42703	1.85183	1.85183	0.1197	0.574715	-1.73985	0.0160978	0.720138	-1.42128	0.0436078	0.857968	-1.16548	0.0144264	0.71333	-1.40207		0.760321	1.14306	1.14306	0.0952934	0.768311	-1.30156	0.0178955	0.754551	-1.32529	0.0416167	1.4401	-1.44511	2.68167	1.45015	0.480724	1
cg25506288	MAMSTR;MAMSTR		0.0897889	0.805167	1.02408	1.02408	0.253614	1.29169	1.29169	0.539649	1.23451	1.23451	0.972917	0.996741	-1.00327	0.299318	1.10914	1.10914		0.828369	1.02113	1.02113	0.348218	1.31258	1.31258	0.265016	1.89465	1.89465	0.11836	0.393853	0.130553	2.68166	0.393853	0.130553	1
cg17184326	EGFL8		0.0897895	0.343817	1.64562	1.64562	0.0130599	5.05751	5.05751	0.987828	0.992273	-1.00779	0.407839	1.54031	1.54031	0.211442	1.96366	1.96366		0.50931	1.40655	1.40655	0.0127137	5.10628	5.10628	?	?	?	0.0713808	2.83433	2.83433	2.89162	10.3041	3.11801	1
cg10092825	NAALADL2		0.0897903	0.0138245	0.401983	-2.4733	0.794547	0.9252	-1.08085	0.653959	1.15406	1.15406	0.216831	1.78084	1.78084	0.0557851	1.76021	1.76021		0.461426	0.799824	1.2028	0.0656652	1.29508	1.29508	0.148979	0.630614	-1.58576	0.0108711	0.385725	-2.59252	2.68158	3.76916	1.2494	1
cg15262317	FZD5 PCDHGA4;PCDHGA2;PCDHGA5;PCDHG B2;PCDHGA1;PCDHGB1;PCDHGA3;PCD		0.089793	0.0351592	11.5099	11.5098	0.0813298	2.84678	2.84678	0.205603	2.80845	3.84105	0.242273	2.56458	3.56458	0.159533	-1.79876		0.745122	1.38371	1.38371	0.120578	2.34585	2.34585	0.268155	0.402018	1.32471	0.120578	2.34585	12.4011	13.9558	1
cg19784485	HGAS		0.0897932	0.0286882	4.78178	4.78178	0.0185809	5.64332	5.64332	0.217228	2.19721	2.19721	0.135486	2.65275	2.65275	0.0409849	4.17907	4.17907		0.0618924	1.57815	1.57815	0.410541	1.66574	1.66574	0.0543463	3.75782	3.75782	0.113209	2.85551	2.85551	2.68154	15.6143	5.17588	1
cg13252401	NGEF;NGEF		0.0897947	0.105225	1.8478	1.89408	0.134105	0.11009	0.11009	0.213261	0.111227	0.101594	0.189464	1.89464	1.89464	0.36303	1.70107	1.70107		0.196643	2.83316	2.83316	0.0224859	8.1602	8.1602	0.0197776	6.82664	6.82664	0.0396497	6.216	6.216	2.68152	25.0486	8.3203	1
cg04978243	USP31		0.0897951	0.612025	1.37212	1.37212	0.150042	0.385035	-2.59717	0.391941	1.72031	1.72031	0.515641	0.66517	-1.50338	0.00825613	0.123764	-8.0799		0.125626	0.358735	-2.78757	0.0357951	0.220715	-4.53072	0.718747	1.25068	1.25068	0.613831	0.72999	-1.36988	2.68152	16.2476	5.38587	1
cg12627200	PANK4		0.0897957	0.585061	1.06025	1.06025	0.0449529	1.58226	1.58226	0.0419826	1.19337	1.19337	0.162749	1.92749	1.92749	0.0547407	1.51333	1.51333		0.838564	1.08003	1.08003	1.05943	0.0932115	-10.6873	0.0178754	0.615502	-1.62453	0.11875	0.655561	-1.52553	2.68151	1.40241	0.512786	1
cg20758932	KRT33B		0.0897971	0.303459	0.66025	-1.51458	0.777199	1.11683	1.11683	0.18669	0.579736	-1.72492	0.637145	0.831056	-1.20329	0.0390254	0.394364	-2.53573		0.969754	0.985341	-1.01488	0.136492	0.535355	-1.86792	0.0155791	0.237273	-4.21456	0.09473	0.489054	-2.04477	0.68149	0.4426	2.13566	1
cg23929295	UNC5A		0.0897993	0.0245136	0.434331	-2.30239	0.426221	0.781351	-1.27983	0.307854	1.3788	1.3788	0.327397	0.735255	-1.36007	0.104151	1.72518	1.72518		0.193659	1.52193	1.52193	0.42009	1.28417	1.28417	0.226942	0.679165	-1.4724	0.0942705	1.75967	1.75967	2.68142	4.06534	1.10502	1
cg15267720	PAIP1		0.0898033	0.0898837	1.15801	1.15801	0.0522684	1.5037	1.5037	0.0452918	1.87002	1.87002	0.0144567	1.13333	1.13333	0.0870007	1.1701	1.1701		0.188009	1.18204	1.18204	0.0513113	1.79705	1.79705	0.0115504	1.09867	1.09867	0.977786	0.846207	-1.18202	2.68141	1.50025	0.540274	1
cg09178708	TEC		0.0898039	0.379927	2.18231	2.18231	0.179118	0.44358	0.44358	0.313673	0.406151	0.406151	0.382623	0.239552	2.39552	0.0348311	0.424449	2.35604		0.470094	1.52709	1.52709	0.0206047	0.00664	0.0260483	0.958843	0.951073	2.85571	0.855571	0.685371	0.685371	2.68141	31.8798	10.5682	1
cg17956147	ATAD5		0.0898047	0.00556297	0.4	0.4	0.0149208	0.41528	0.41528	0.0488011	0.310863	0.68208	0.0458081	0.888778	0.467561	0.0228886	0.719486	1.38888		0.0196977	0.2304	0.2304	0.0299348	0.594034	-1.72406	0.030602	0.778824	-1.28399	0.783747	0.807452	-1.23868	2.68139	59.8441	19.8361	1
cg23207958	DMXL1		0.0898065	0.0638399	0.471281	-2.12188	0.112124	1.8677	1.8677	0.490658	1.28766	1.28766	0.252666	0.649549	-1.53953	0.0368763	2.39991	2.39991		0.786409	1.10306	1.10306	0.0874172	0.505898	-1.97668	0.480266	1.29579	1.29579	0.271222	1.51232	1.51232	2.68138	5.53809	1.8359	1
cg04642455	RAD51;RAD51;RAD51;RAD51		0.0898067	0.753351	1.04291	1.04291	0.2040955	1.13737	1.13737	0.0104526	1.97583	1.97583	0.534972	1.15271	1.15271	0.467289	0.962874	-1.03855		0.227701	0.750954	-1.33164	0.0796846	0.669193	-1.49434	0.0178955	0.754551	-1.32529	0.0416167	1.4401	-1.44511	2.68137	2.21258	0.729222	1
cg22832349	NCRNA00086		0.0898074	0.0509522	0.195638	-5.11140	0.0143398	0.109593	-9.12467	0.369663	0.5093	-1.96348	0.634853	1.46304	1.46304	0.64962	1.39786	1.39786		0.0581917	0.208497	-4.79624	0.042945	0.948912	-1.05382	0.225414	0.54057	-1.85027	0.510129	1.63114	1.63114	2.68137	22.7754	7.55052	1
cg17617805	MTMR4		0.0898097	0.999185	1.00018	1.00018	0.0970772	0.728298	-1.37306	0.00721741	1.82876	1.82876	0.403717	0.861776	-1.16039	0.142131	0.74841	-1.33617		0.410034	0.86357	-1.15798	0.767597	0.940714	-1.05295	0.626274	1.0892	1.0892	0.462533	1.13906	1.13906	0.68134	1.28719	0.426717	1
cg18316831	CDH28		0.0898103	0.1802845	0.4019383	-2.4733	0.794547	0.9252	-1.08085	0.653959	1.15406	1.15406	0.216831	1.78084	1.78084	0.0557851	1.76021	1.76021		0.461426	0.799824	1.2028	0.0656652	1.29508	1.29508	0.148979	0.630614	-1.58576	0.0108711	0.385725	-2.59252	2.68158	3.76916	1.2494	1
cg13119844	EXB		0.0898129	0.467403	1.32629	1.32629	0.171627	0.60444	-1.65414	0.70695	0.898888	-1.11248	0.839544	0.943846	-1.05949	0.115242	0.613755	-1.62932		0.047763	0.524542	-1.90643	0.0614861	1.82305	1.82305	0.0543232	1.86349	1.86349	0.588229	1.16862	1.16862	2.6813	3.45077	1.14398	1
cg10709526	GRM2;GRM2		0.0898132	0.926756	0.982149	-1.01827	0.0720161	1.37755	1.37755	0.0787112	0.732384	-1.3654	0.969445	0.993909	-1.00613	0.9314	0.751206	-1.33119		0.660546	1.07159	1.07159	0.0156902	1.60377	1.60377	0.950515	1.09051	1.09051	0.654745	0.927889	-1.0776	2.68129	1.08035	0.345313	1
cg09636727	ST6GALNAC5		0.0898152	0.2585898	1.36843	1.36843	0.0255599	0.749532	0.749532	0.158535	0.863005	-1.15874	0.629934	1.1379	1.1379	0.055962	1.76062	1.76062		0.112957	1.58262	1.58262	0.0309788	2.17412	2.17412	0.453895	0.842369	-1.22509	0.486458	1.03875	1.03875	2.68129	3.007	0.996855	1
cg09462936	ALPP;L2		0.0898139	0.160111	0.562783	-1.77688	0.518003	1.28535	1.28535	0.00341734	0.217893	-4.5894	0.329722	0.680261	-1.47002	0.0234903	0.620712	-1.61105		0.419738	0.729222	-1.37132	0.424111	1.3671	1.3671	0.96888	1.01506	1.01506	0.576359	1.24136	1.24136	2.68128	6.2305	2.06551	1
cg09984375	LOC400931		0.0898157	0.0254207	0.139511	-7.16722	0.0244642	0.172644	-5.7999	0.0354285	0.246852	-4.05001	0.0110863	0.082008	0.24581	-4.06855	0.188878	0.467561	-2.13972	0.0522886	0.174706	0.0153885	0.316297	-3.16079	0.0179367	0.837733	0.916217	-1.09144	0.0779784	0.837733	0.916217	-1.09144	2.68127	1.16078	0.433698	1
cg19653117	YIPF4		0.0898183	0.0439623	0.693371	-1.44223	0.738335	0.797552	-1.25384	0.0520939	1.41839	1.41839	0.719326	0.944516	-1.05874	0.279478	0.837064	-1.19465		0.465301	0.889103	-1.12473	0.83093	0.9614	-1.04013	0.528342	0.903886	-1.10633	0.0357561	1.47183	1.47183	2.68123	1.06255	0.35226	1
cg21557473	AUTS2;AUTS2;AUTS2		0.0898192	0.167621	1.26524	1.26524	0.147121	1.05311	1.05311	0.67888	0.935578	-1.06886	0.00472152	1.82293	1.82293	0.108437	0.753708	-1.32626		0.935493	0.957009	-1.04472	0.296145	1.02324	1.02324	0.921664	1.10888	1.10888	0.496472	0.895436	-1.11677	2.68122	1.08948	0.360195	1
cg06444124	ZNF281;ZNF281		0.0898189	0.0280086	0.657038	-1.52198	0.8358999	1.03413	1.03413	0.743347	1.0546	1.0546	0.462756	1.12857	1.12857	0.666888	0.93233	1.07258		0.103058	0.749341	-1.33445	0.144299	1.44295	1.44295	0.0640298	1.40045	1.40045	0.719201	0.943254	-1.06016	2.68122	1.11184	0.368601	1
cg11074362	DENND4C		0.089819	0.329402	1.52592	1.52592	0.0122983	0.270091	-3.70245	0.16925	0.538672	-1.85642	0.887861	1.06103	1.06103	0.509534	1.32432	1.32432		0.786835	0.892437	-1.12053	0.0833919	2.23587	2.23587	0.140765	1.94491	1.94491	0.388048	0.689775	-1.4498	2.68122	7.4851	2.48149	1
cg24562565	LGR4		0.0898195	0.128734	1.74843	1.74843	0.33613	1.22417	1.22417	0.144161	0.829527	-1.20577	0.444161	0.876954	-1.14061	0.0151282	0.880499	-1.13574	0.0253287	0.525359	0.829542	0.962672	-1.03878	0.0255352	0.525359	1.90346	0.999793	1.27006	1.27006	0.134985	0.839053	0.525359	1.90346	0.999793	1.27006	1.27006	0.134985	0.839053	2.68121	1.19182	0.438518	1
cg14648936	PAN3;PAN3		0.0898229	0.921561	1.04036	1.04036	0.66384	0.838871	-1.19208	0.108534	0.494931	-2.02048	0.0951146	0.350427	2.35027	0.226574	0.597567	-1.67345		0.698591	0.855271	-1.16922	0.596618	1.23938	1.23938	0.0095914	0.749193	0.749193	0.960091	0.983065	-1.01723	2.68117	0.85479	2.27257	1
cg04568819	COL5A1		0.0898234	0.2585824	0.134453	-7.43809	0.1134405	0.178939	-5.58923	0.0313405	0.0836679	-11.9508	0.0110864	0.0484248	-11.7753	0.0152627	0.0396954	-25.1965		0.134193	0.405353	-2.46715	0.0179326	0.0777735	-16.1882	0.0759326	0.249797	-4.00934	0.212122	0.940958	-1.06292	2.68117	0.94058	0.350883	1
cg22031846	ITGA11		0.089824	0.0177461	0.388149	-2.57633	0.7784	0.911554	-1.09703	0.036419	0.4501	-2.22173	0.527402	0.810435	-1.2339	0.0443233	0.468502	2.13446		0.519166	0.806939	-1.23925	0.0226599	0.408337	-2.44896	0.139242	0.593118	-1.68601	0.126008	0.580762	-1.72187	2.68116	4.57529	1.51685	1
cg09656020	GREM1		0.0898261	0.148149	2.76197	2.76197	0.375111	1.81515	1.81515	0.967097	0.973348	-1.02738	0.988955	1.0091	1.0091	0.158905	0.373028	2.68077		0.211408	0.422218	-2.36845	0.0616315	0.262474	-3.80991	0.0361104	0.43407	0.43407	0.100683	3.2464	3.2464	2.68113	18.2123	6.03801	1
cg05005633	CACNA1H;CACNA1H		0.0898275	0.41954	1.42838	1.42838	0.247274	0.722407	-1.38429	0.185959	0.740246	-1.3509	0.484489	0.952202	-1.05022	0.0417004	0.582979	-1.71501		0.587807	0.886065	-1.12858	0.318535	1.25593	1.25593	0.968347	1.00881	1.00881	0.13487	1.42803	1.42803	2.68111	2.07465	0.687825	1
cg05939561	TTLL7		0.0898276	0.568027	0.880241	-1.13605	0.393706	0.824388	-1.21302	0.587001	1.12889	1.12889	0.00326401	2.42648	2.42648	0.293494	1.27235	1.27235		0.587807	0.886065	-1.12858	0.318535	1.25593	1.25593	0.968347	1.00881	1.00881	0.13487	1.42803	1.42803	2.68111	2.07465	0.687825	1
cg21557473	AUTS2;AUTS2;AUTS2		0.0898293	0.0299941	0.244941	-4.08333	0.0158805	0.201198	-4.97023	0.628884	0.915578	-1.09245	-1.78846	0.0491149	-20.4553	0.0279152	0.182293	5.48228	0.0189409	0.277093	-3.60975	0.166376	0.935493	0.957009	-1.04472	0.296145	1.02324	1.02324	0.921664	1.10888	1.10888	0.496472	0.895436	-1.11677	2.68122	1.08948	0.360195	1
cg02500091	MAN2A1		0.08983	0.0287926	0.626901	-1.59515	0.726457	0.938372	-1.06568	0.0158024	1.70832	1.70832	0.433606	1.1557	1.1557	0.144756	0.753022	1.32798		0.936437	0.985659	-1.01504	0.950089	0.896482	-1.11547	0.195704	0.780505	-1.28122	0.790365	0.952893	-1.04944	2.68108	2.1948	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg16413752	RALBP1;RALBP1	0.0899263	0.354893	0.832612	-1.20104	0.181582	1.31384	1.31384	0.0336625	1.61209	1.61209	0.705351	1.07586	1.07586	0.199014	0.770109	-1.29852
cg07608474	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.0899289	0.523383	1.29479	1.29479	0.463014	0.741996	-1.34772	0.0939037	0.47912	-2.08716	0.736952	1.14415	1.14415	0.876848	1.06391	1.06391
cg05919211	CMTM5;IL25;IL25;CMTM5	0.0899316	0.0313983	0.1687	-5.92768	0.49871	0.616209	-1.62283	0.175786	0.362458	-2.75894	0.471212	1.67649	1.67649	0.0166083	0.12717	-7.86351
cg20639802	PNMA2	0.0899342	0.252595	0.873723	-1.14453	0.0245846	0.73901	-1.35316	0.0776968	0.801322	-1.24794	0.0977837	0.81449	-1.22776	0.149876	0.839971	-1.19052
cg27523951	COG3	0.0899368	0.0558883	0.723556	-1.38206	0.0042759	0.564967	-1.77001	0.482411	1.11255	1.11255	0.357477	0.868162	-1.15186	0.575119	1.08829	1.08829
cg24980481	SMS	0.0899412	0.239906	0.54792	-1.82508	0.914277	0.948718	-1.05405	0.665081	1.23732	1.23732	0.293792	0.587192	-1.70302	0.0334922	0.29686	-3.36859
cg01623187	GTSF1L;GTSF1L	0.0899419	0.115491	0.476021	-2.10075	0.209535	0.56341	-1.77491	0.128793	0.490613	-2.03826	0.0959409	0.452392	-2.21047	0.00512763	0.201095	-4.97277
cg03586474	SLC35D3	0.0899419	0.118323	6.03219	6.03219	0.0357208	13.3325	13.3325	0.454712	2.24123	2.24123	0.321451	2.96122	2.96122	0.343993	0.355902	-2.80976
cg25325053	CDH26	0.0899422	0.382095	0.622115	-1.60742	0.0229838	0.236919	-4.22085	0.0145527	0.203206	-4.92112	0.0817308	0.360079	-2.77717	0.0321457	0.264783	-3.77668
cg04745079	TRIM29	0.0899429	0.500137	0.879086	-1.13754	0.0826851	0.696377	-1.436	0.980883	1.00452	1.00452	0.0713803	0.684436	-1.46106	0.0266926	0.609925	-1.63954
cg18120358	SNORD116-5;SNORD116-7	0.089943	0.6108	1.40455	1.40455	0.593436	0.700006	-1.42856	0.706581	0.778557	-1.28443	0.37249	1.8331	1.8331	0.0101578	0.116976	-8.54876
cg23676484	HDAC4	0.0899438	0.647352	0.923853	-1.08242	0.828136	0.963303	-1.03809	0.0967084	0.730835	-1.3683	0.200095	0.792346	-1.26208	0.858016	1.03127	1.03127
cg06207460	AK3	0.0899438	0.132397	0.831891	-1.20208	0.0887604	1.23713	1.23713	0.172266	1.17901	1.17901	0.529499	1.07487	1.07487	0.35657	1.11347	1.11347
cg24974009	CARD11	0.0899439	0.200914	0.722883	-1.38335	0.122869	0.66926	-1.49419	0.343624	0.79107	-1.26411	0.249782	0.749052	-1.33502	0.0200867	0.509784	-1.96161
cg15153791	AGRN	0.0899446	0.0416758	0.472428	-2.11672	0.325256	0.722972	-1.38318	0.831557	1.07039	1.07039	0.105751	0.568767	-1.75819	0.0255386	0.428534	-2.33354
cg07711911	KIAA1324L;KIAA1324L	0.089945	0.477146	0.7129	-1.40272	0.0897133	0.416522	-2.40084	0.0343385	0.314824	-3.17638	0.662283	0.814029	-1.22846	0.0266408	0.292313	-3.42099
cg00562916	PTPN4	0.0899459	0.135637	0.447774	-2.23327	0.092605	2.52087	2.52087	0.697832	1.21521	1.21521	0.836047	1.10908	1.10908	0.0203173	0.247202	-4.04527
cg12648600	MRPS18B;PPP1R10	0.0899467	0.204448	1.13005	1.13005	0.709162	1.0348	1.0348	0.7055	1.03527	1.03527	0.0642902	0.82712	-1.20901	0.95326	0.994663	-1.00537
cg02581302	SDK1;SDK1	0.0899488	0.0830333	0.553256	-1.80748	0.595818	0.8478	-1.17952	0.0128941	0.385887	-2.59143	0.550326	0.829956	-1.20488	0.00688593	0.339922	-2.94185
cg23513252	UPP1;UPP1	0.0899495	0.397093	0.829634	-1.20535	0.022412	1.80257	1.80257	0.681168	1.09306	1.09306	0.170522	0.730247	-1.3694	0.648598	1.10387	1.10387
cg20700904	HNRNPH3;PBLD;PBLD;HNRNPH3	0.0899496	0.881483	0.981287	-1.01907	0.137942	1.22418	1.22418	0.00721135	1.5513	1.5513	0.268565	0.864233	-1.15709	0.218859	1.17792	1.17792
cg08563570	TCF7L1	0.0899506	0.58349	0.764216	-1.30853	0.620744	0.784884	-1.27407	0.608583	0.778152	-1.2851	0.405907	1.51124	1.51124	0.0136478	0.227283	-4.3998
cg15411034	BRSK2	0.089955	0.135259	0.708082	-1.41227	0.0351908	1.69213	1.69213	0.0862595	0.666073	-1.50134	0.536171	1.14374	1.14374	0.433564	0.842545	-1.18688
cg09481857	P2RX6;P2RX6;MGC16703	0.0899563	0.652097	1.47789	1.47789	0.0329708	10.8232	10.8232	0.026196	12.7482	12.7482	?	?	?	?	?	?
cg05370662	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.0899639	0.972447	0.987693	-1.01246	0.215397	0.626544	-1.59606	0.51013	1.27067	1.27067	0.228297	1.57362	1.57362	0.106576	0.531638	-1.88098
cg11301513	GTPBP8;GTPBP8	0.0899641	0.790243	1.03783	1.03783	0.217584	1.19803	1.19803	0.0448404	1.37816	1.37816	0.181546	1.21842	1.21842	0.885573	1.02026	1.02026
cg22361075	GPSM2	0.0899643	0.411672	0.803242	-1.24496	0.012476	0.444248	-2.25099	0.365196	0.784391	-1.27487	0.702076	0.904551	-1.10552	0.0720184	0.59206	-1.68902
cg15374435	SPRY2	0.0899652	0.373738	2.29878	2.29878	0.0450551	8.13748	8.13748	0.628779	1.55908	1.55908	0.186657	0.279113	-3.58278	0.089464	5.51211	5.51211
cg14578807	WDR46;WDR46	0.089966	0.0454705	0.317843	-3.14621	0.020383	0.247414	-4.04182	0.0367054	0.297398	-3.3625	0.688245	0.817481	-1.22327	0.0448129	0.316409	-3.16046
cg01526919	PRR3;PRR3	0.0899664	0.447793	1.23195	1.23195	0.207942	0.699082	-1.43045	0.46582	0.818639	-1.22154	0.0199439	2.13275	2.13275	0.435617	0.806977	-1.23919
cg06862696	LPPR2;LPPR2	0.0899685	0.342652	0.643304	-1.55448	0.492455	1.36965	1.36965	0.663582	1.21833	1.21833	0.697984	0.838661	-1.19238	0.0149337	0.259108	-3.85939
cg10906284	AVPR1A	0.0899703	0.0682172	9.57056	9.57056	0.828238	1.27169	1.27169	0.0488513	12.0405	12.0405	0.90095	0.871331	-1.14767	0.408577	0.392598	-2.54714
cg21616552	LOC148189	0.0899706	0.132985	0.772765	-1.29405	0.326249	0.851133	-1.1749	0.0112058	0.603261	-1.65766	0.268475	0.832524	-1.20117	0.0778164	1.3657	1.3657
cg14713449	PDZD4	0.0899712	0.998725	1.00048	1.00048	0.522009	0.821963	-1.2166	0.0875425	0.565621	-1.76797	0.476532	0.803562	-1.24446	0.00789576	0.357183	-2.79968
cg07747299	C21orf56;C21orf56	0.0899723	0.0365735	0.0934682	-10.6988	0.0785311	0.148604	-6.7293	0.0191801	0.0629901	-15.8755	0.584438	0.583426	-1.71401	0.498662	1.95448	1.95448
cg18827738	TUBE1;C6orf225	0.0899745	0.703363	1.29082	1.29082	0.21408	0.415134	-2.40886	0.702164	0.773854	-1.29223	0.875023	0.90036	-1.11067	0.866977	1.11828	1.11828
cg24241925	NFE2L1	0.0899796	0.415354	1.5348	1.5348	0.902572	1.06504	1.06504	0.227509	0.521064	-1.91915	0.25026	1.85563	1.85563	0.330033	0.596173	-1.67737
cg25972924	FOXM1;C12orf32;C12orf32;FOXM1;FOXM1;C12orf32	0.0899816	0.0778051	0.504139	-1.98358	0.0315968	2.4128	2.4128	0.302745	1.45217	1.45217	?	?	?	0.0673377	0.488507	-2.04705
cg15320925	BET1L;BET1L;RIC8A	0.089982	0.286476	0.756969	-1.32106	0.856043	0.955348	-1.04674	0.695842	1.10388	1.10388	0.537821	1.16991	1.16991	0.530041	0.85213	-1.17353
cg26928603	KIRREL;KIRREL	0.0899823	0.700545	1.06914	1.06914	0.104232	1.35971	1.35971	0.0277493	1.56841	1.56841	0.442525	1.14506	1.14506	0.0599717	1.44357	1.44357
cg05336115	RSPO4;RSPO4	0.0899824	0.859706	1.12491	1.12491	0.83419	1.14965	1.14965	0.721142	0.78785	-1.26928	0.935255	0.947382	-1.05554	0.995077	1.00411	1.00411
cg12333707	DUSP1	0.0899834	0.787344	0.934836	-1.06971	0.0243862	0.512473	-1.95132	0.329685	0.778263	-1.28491	0.587278	0.872337	-1.14635	0.263212	0.747753	-1.33734
cg15639951	MAP3K14	0.0899834	0.93667	0.964682	-1.03661	0.0118564	4.14319	4.14319	0.02087	3.51877	3.51877	0.74524	1.15896	1.15896	0.22998	0.565585	-1.76808
cg08261525	ENOX1	0.0899883	0.25763	0.690524	-1.44817	0.433537	1.28468	1.28468	0.0340707	0.460547	-2.17133	0.11013	0.579358	-1.72605	0.262137	0.693142	-1.44271
cg22378631	C19orf25	0.0899902	0.0904315	0.702823	-1.42283	0.018667	1.71412	1.71412	0.0258622	1.64885	1.64885	0.793885	1.05074	1.05074	0.898678	0.976208	-1.02437
cg04386149	SNHG9;RPS2;SNORA78	0.0899909	0.121111	1.61486	1.61486	0.114808	0.613266	-1.63061	0.671739	0.885561	-1.12923	0.794137	0.928149	-1.07741	0.473657	0.812379	-1.23095
cg13537196	C9orf93	0.0899913	0.225357	0.845548	-1.18267	0.0787213	1.29339	1.29339	0.0122159	1.50889	1.50889	0.604513	1.07127	1.07127	0.367675	1.12967	1.12967
cg18206914	SCO2;SCO2;SCO2;SCO2	0.0899913	0.603835	0.931915	-1.07306	0.34781	1.13907	1.13907	0.537324	1.08778	1.08778	0.11879	1.25617	1.25617	0.155506	1.22718	1.22718
cg21131149	ORAOV1;ORAOV1	0.0899938	0.980651	0.994124	-1.00591	0.537568	0.859241	-1.16382	0.576167	0.871754	-1.14711	0.301115	0.770758	-1.29742	0.115457	0.659752	-1.51572
cg03249995	COX4NB;COX4NB	0.0899955	0.921721	1.01829	1.01829	0.00974327	1.8275	1.8275	0.103584	1.38863	1.38863	0.412555	0.856831	-1.16709	0.5341	0.890351	-1.12315
cg04299389	LOC284798;LOC284798;LOC284798	0.0899969	0.056465	13.6696	13.6696	0.106639	8.44354	8.44354	0.0312094	21.3599	21.3599	0.145127	6.65086	6.65086	0.0365758	18.9505	18.9505
cg00265863	XKR8	0.0899974	0.0629769	8.93363	8.93363	0.0155234	22.3661	22.3661	0.0383558	12.3335	12.3335	0.0895742	7.09547	7.09547	0.472141	2.1504	2.1504
cg05806387	EFHC2	0.0899989	0.0685609	0.37847	-2.64222	0.0229708	0.273551	-3.65563	0.0761819	0.390516	-2.56071	0.841615	0.909056	-1.10004	0.0580363	0.360224	-2.77605
cg15904834	THSD7A	0.0899999	0.129869	0.773002	-1.29366	0.562547	1.09651	1.09651	0.98304	0.996661	-1.00335	0.946336	0.989463	-1.01065	0.260196	1.20299	1.20299
cg24505618	DUOX1;DUOX1;DUOXA1;DUOXA1	0.0900012	0.635514	1.25318	1.25318	0.0460115	2.9472	2.9472	0.883147	1.07199	1.07199	0.800609	0.887257	-1.12707	0.834977	1.10363	1.10363
cg10150686	C2orf70	0.0900013	0.815525	0.728872	-1.37198	0.0628266	16.9888	16.9888	0.0446491	22.6387	22.6387	0.915097	0.865616	-1.15525	0.12179	0.103341	-9.67671
cg09962458	SIPA1L1	0.0900014	0.061739	0.397327	-2.51682	0.00418809	0.185831	-5.38123	0.209498	0.559765	-1.78646	0.530831	1.32115	1.32115	0.257671	0.595608	-1.67896
cg01682285	TSHR;TSHR;TSHR	0.0900021	0.0170299	0.22275	-4.48935	0.161993	0.462671	-2.16136	0.0418404	0.297958	-3.35618	0.0509636	3.15055	3.15055	0.472136	0.685567	-1.45865
cg14213439	SLC5A10;SLC5A10	0.0900022	0.0418166	1.38217	1.38217	0.324166	0.86895	-1.15081	0.297759	1.16057	1.16057	0.393721	0.886457	-1.12809	0.11455	1.26716	1.26716
cg16120415	C1orf61	0.0900032	0.102846	0.231346	-4.32252	0.00768274	0.0602115	-16.6081	0.0683753	0.187547	-5.33198	0.261157	0.382424	-2.6149	0.0694976	0.189114	-5.2878
cg05580667	C17orf85;C17orf85	0.0900037	0.70203	0.932378	-1.07253	0.568981	0.90046	-1.11054	0.00580592	0.517828	-1.93114	0.320065	0.829322	-1.2058	0.0149699	0.579909	-1.72441
cg07566286	MAPK8IP1	0.090007	0.790192	1.06964	1.06964	0.0912832	0.625294	-1.59925	0.717439	0.912331	-1.09609	0.375963	0.795015	-1.25784	0.073031	0.603632	-1.65664
cg19358568	LAMA2;LAMA2	0.0900078	0.149758	1.40176	1.40176	0.079863	0.653739	-1.52966	0.232983	0.760709	-1.31456	0.449721	1.18347	1.18347	0.0668973	1.56709	1.56709
cg04165073	ETS1;ETS1;ETS1	0.090011	0.0174294	0.282107	-3.54476	0.0509041	0.378215	-2.644	0.124495	0.483283	-2.06918	0.255292	0.594975	-1.68074	0.0518747	0.38016	-2.63047
cg12588476	ZSCAN21	0.0900113	0.00665018	0.662011	-1.51055	0.215642	1.16489	1.16489	0.334255	0.889909	-1.12371	0.995757	1.00062	1.00062	0.0677556	0.786907	-1.2708
cg05085137	OSR2;OSR2	0.0900129	0.299368	2.32459	2.32459	0.635505	0.687648	-1.45423	0.224197	2.72206	2.72206	0.130913	0.278263	-3.59372	0.963356	0.96461	-1.03669
cg05294497	KIAA1530	0.0900144	0.0126848	0.15037	-6.65024	0.404952	1.68396	1.68396	0.429722	0.610792	-1.63722	0.591401	0.717902	-1.39295	0.0108698	0.141452	-7.06951
cg17412240	ZNF26	0.0900166	0.6542	1.2153	1.2153	0.285194	1.61619	1.61619	0.107753	2.13625	2.13625	0.694868	1.18589	1.18589	0.062099	0.403174	-2.48032
cg04969764	LAMA5	0.0900171	0.938389	1.01265	1.01265	0.0554105	0.702492	-1.4235	0.0761434	0.725467	-1.37842	0.485025	1.12232	1.12232	0.0135372	0.608347	-1.6438
cg00369333	CACNG6;CACNG6;CACNG6	0.0900178	0.707215	0.918376	-1.08888	0.310342	0.789076	-1.2673	0.231678	0.753451	-1.32723	0.893087	0.970111	-1.03081	0.300451	0.784949	-1.27397
cg08185070	DIP2C	0.0900183	0.577899	1.1462	1.1462	0.0491112	0.579702	-1.72502	0.554484	1.15618	1.15618	0.613853	1.13146	1.13146	0.694924	0.90876	-1.1004
cg14523706	CLCNKA;CLCNKA	0.0900185	0.0786182	0.518493	-1.92867	0.345548	1.38632	1.38632	0.841175	0.93476	-1.06979	0.0507069	0.473023	-2.11406	0.116021	0.563054	-1.77603
cg07203423	TLX2	0.0900191	0.108582	18.0921	18.0921	0.0474353	42.5873	42.5873	0.223495	8.2961	8.2961	0.0565782	35.5338	35.5338	0.48332	0.307732	-3.24958
cg26389053	TCIRG1;TCIRG1	0.0900198	0.0190979	0.257	-3.89105	0.558951	0.753464	-1.3272	0.176766	0.502697	-1.98927	0.378386	1.54171	1.54171	0.0133054	0.230129	-4.34538
cg13386217	MYOM2	0.09002	0.787862	0.896751	-1.11514	0.772454	1.12429	1.12429	0.106509	0.490594	-2.03835	0.036242	0.373862	-2.67478	0.0362455	0.373871	-2.67472
cg25322645	PARD3	0.0900204	0.519236	0.938049	-1.06604	0.235395	0.885394	-1.12944	0.917623	0.989925	-1.01018	0.541228	0.941258	-1.06241	0.114036	0.845123	-1.18326
cg00530298	POLS	0.0900232	0.241547	0.515291	-1.94065	0.41236	0.63552	-1.57352	0.13783	0.421366	-2.37324	0.502972	0.692352	-1.44435	0.0094829	0.16902	-5.91645
cg18721155	DIP2C	0.0900251	0.332204	0.819309	-1.22054	0.0186215	0.566498	-1.76523	0.0315865	0.605223	-1.65228	0.974084	0.993549	-1.00649	0.136593	0.726516	-1.37643
ch.3.3303606F	PRKCI	0.0900274	0.044604	0.759779	-1.31617	0.0676815	0.783599	-1.27616	0.0216536	0.720011	-1.38887	0.989206	0.99839	-1.00161	0.137098	0.826312	-1.2102
cg21808981	FAM133B;FAM133B	0.0900287	0.99239	1.00358	1.00358	0.709592	1.15049	1.15049	0.229217	0.62323	-1.60454	0.976015	0.988797	-1.01133	0.329487	0.685823	-1.4581
cg19968916	ADAM8;ADAM8;ADAM8	0.0900317	0.11343	0.641094	-1.55983	0.0187359	2.08595	2.08595	0.229536	1.38459	1.38459	0.0294221	0.515822	-1.93865	0.430684	1.23071	1.23071
cg03755748	BANP;BANP	0.0900319	0.694667	0.849786	-1.17677	0.0150313	0.291354	-3.43226	0.0591035	0.415064	-2.40927	0.229327	0.594243	-1.68281	0.00728147	0.239756	-4.17091
cg07119315	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0900346	0.0659204	0.123638	-8.08811	0.00361202	0.0184808	-54.1102	0.0606225	0.117279	-8.5267	0.25576	0.300598	-3.3267	0.587953	0.574516	-1.7406
cg03028236	IGDCC3	0.090035	0.914261	0.969742	-1.0312	0.88816	0.960651	-1.04096	0.0780795	0.572058	-1.74808	0.318178	0.745017	-1.34225	0.393129	1.28347	1.28347
cg11721194	SLAMF7	0.0900367	0.123086	0.243203	-4.11179	0.120085	0.239982	-4.16698	0.0970449	0.21407	-4.67138	0.572635	1.62013	1.62013	0.0307957	0.116861	-8.55715
cg00812761	SCFD2	0.0900414	0.293439	0.598136	-1.67186	0.0104038	4.57894	4.57894	0.0416478	3.02687	3.02687	0.230752	0.552741	-1.80916	0.577993	0.767191	-1.30346
cg25264268	SHC2	0.0900418	0.457519	0.706366	-1.4157	0.040165	0.336404	-2.97262	0.755609	0.866358	-1.15426	0.348505	1.5581	1.5581	0.731615	0.853689	-1.17139
cg02798749	RPUSD4;RPUSD4;FAM118B;FAM118B	0.0900437	0.0582209	0.683792	-1.46243	0.796264	0.955095	-1.04702	0.164117	1.30165	1.30165	0.543689	1.11532	1.11532	0.00827269	0.549024	-1.82141
cg04921109	FLJ44817	0.0900448	0.2553	1.63598	1.63598	0.50089	1.32732	1.32732	0.442726	1.38319	1.38319	0.907756	1.04922	1.04922	0.654094	0.829495	-1.20555
cg16655295	RFPL3S;RFPL3S	0.0900474	0.0135118	0.340849	-2.93385	0.360292	0.718126	-1.39251	0.22199	0.636428	-1.57127	0.46195	1.30167	1.30167	0.0200483	0.372389	-2.68537
cg04700292	ZFHX3	0.0900483	0.569419	0.819435	-1.22035	0.0136007	0.347361	-2.87885	0.247256	1.52045	1.52045	0.131848	0.569315	-1.7565	0.0224013	0.387691	-2.57938
cg23636406	MYOCD;MYOCD;MYOCD	0.09005	0.098028	0.75167	-1.33037	0.886732	0.977832	-1.02267	0.0227977	0.651439	-1.53506	0.0150159	0.624871	-1.60033	0.174586	1.25499	1.25499
cg27147936	SEC24D	0.0900533	0.157731	0.787207	-1.27031	0.643122	1.07671	1.07671	0.251983	0.827332	-1.2087	0.167608	0.792174	-1.26235	0.00840485	0.586731	-1.70436
cg06887555	KIR3DP1	0.0900542	0.153697	0.387164	-2.58289	0.381674	0.572695	-1.74613	0.0773315	0.295246	-3.387	0.637718	1.34268	1.34268	0.010918	0.137401	-7.27796
cg09569581	GJB1;BCYRN1;GJB1	0.0900549	0.540728	1.26164	1.26164	0.507071	0.776772	-1.28738	0.225299	0.620053	-1.61277	0.229996	0.623333	-1.60428	0.0290205	0.380656	-2.62704
cg19893670	UBE2D1	0.0900554	0.0780725	0.275011	-3.63622	0.244544	0.448095	-2.23167	0.332376	0.517161	-1.93363	0.259994	0.460805	-2.17011	0.0952251	0.298553	-3.34949
cg23404665	RAB28;RAB28;RAB28	0.0900562	0.280558	0.886864	-1.12757	0.124282	1.19501	1.19501	0.502255	1.07561	1.07561	0.0148865	0.725712	-1.37796	0.150304	0.847849	-1.17945
cg01719995	USP38	0.0900583	0.0464925	0.272941	-3.66379	0.169595	0.434661	-2.30064	0.265459	0.516416	-1.93642	0.296045	0.539545	-1.85341	0.0214727	0.207392	-4.82179
cg02134720	TNFRSF11B	0.0900584	0.801271	1.16766	1.16766	0.287535	0.507293	-1.97125	0.228728	0.460082	-2.17353	0.472117	1.56753	1.56753	0.0449914	0.243188	-4.11204
cg18279150	SCAMP3;SCAMP3	0.0900591	0.327107	0.706706	-1.41502	0.638174	1.17649	1.17649	0.507163	1.25974	1.25974	0.171875	0.607108	-1.64715	?	?	?
cg01306801	FBXL19	0.0900596	0.959352	0.977753	-1.02275	0.164275	1.92529	1.92529	0.421951	0.69621	-1.43635	0.249529	0.587878	-1.70103	0.00342052	0.172784	-5.78756
cg26464221	PRR16	0.0900601	0.0978635	1.68699	1.68699	0.239926	0.701631	-1.42525	0.0298702	0.479071	-2.08737	0.752034	0.912763	-1.09558	0.702152	1.117	1.117
cg00018524	SEPT10;SEPT10;ANKRD57	0.0900607	0.00517301	0.421861	-2.37045	0.202909	0.730318	-1.36927	0.204677	1.36741	1.36741	0.519571	0.85844	-1.1649	0.215695	0.737376	-1.35616
cg16620537	PCDHA7;PCDHAC1;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHAC1;PCDHA8;PCDHA6;PCDHA1;PCDHA	0.0900612	0.492191	1.10996	1.10996	0.204379	1.22176	1.22176	0.521246	1.10211	1.10211	0.410379	1.13417	1.13417	0.0482531	1.40151	1.40151
cg10565760	FGF14;FGF14	0.0900616	0.0864632	0.692056	-1.44497	0.579382	0.89689	-1.11496	0.322109	1.21994	1.21994	0.312316	1.22525	1.22525	0.120446	1.38732	1.38732
cg18354248	PPP1R3C	0.0900618	0.220904	1.53159	1.53159	0.346217	0.725172	-1.37898	0.350788	0.727503	-1.37456	0.70004	0.879639	-1.13683	0.955878	1.0185	1.0185
cg20877030	NOTCH4	0.0900635	0.0405687	0.367165	-2.72357	0.402602	0.695648	-1.43751	0.0575193	0.402492	-2.48452	0.0716143	0.426437	-2.34501	0.0482586	0.384323	-2.60198
cg24491895	OR10A2	0.0900642	0.764187	0.901212	-1.10962	0.280673	0.678625	-1.47357	0.00284061	0.241584	-4.13935	0.0922654	0.526945	-1.89773	0.356378	0.720385	-1.38815
ch.5.1443044F	AGGF1	0.0900643	0.184167	0.491407	-2.03497	0.0318918	0.281333	-3.5545	0.185331	0.492442	-2.0307	0.0248323	0.259986	-3.84635	0.00719561	0.173839	-5.75246
cg09597192	AGPAT1;AGPAT1	0.0900648	0.0359692	0.235226	-4.25123	0.0433759	0.252039	-3.96764	0.506803	0.670641	-1.49111	0.174658	0.424672	-2.35476	0.0118423	0.155057	-6.44924
cg26384465	LDB1;LDB1	0.0900675	0.213593	0.729165	-1.37143	0.514989	1.17261	1.17261	0.25859	1.32881	1.32881	0.0189171	0.503809	-1.98488	0.0706056	0.614287	-1.6279
cg24367431	RCAN3	0.0900683	0.0269768	0.482429	-2.07285	0.905668	0.967546	-1.03354	0.332399	1.32086	1.32086	0.336542	0.758993	-1.31753	0.876584	0.957671	-1.0442
cg14724613	GRM3;GRM3	0.0900701	0.53508	1.08361	1.08361	0.00502871	1.607	1.607	0.019568	1.43427	1.43427	0.249267	1.16642	1.16642	0.248056	1.16693	1.16693
cg10902033	LOC25845	0.0900708	0.172921	0.691706	-1.4457	0.723342	0.91363	-1.09454	0.570677	1.15678	1.15678	0.683297	0.901006	-1.10987	0.00730193	0.415123	-2.40893
cg06002975	IMMT;IMMT;IMMT	0.0900723	0.277025	0.805611	-1.24129	0.150257	0.744649	-1.34291	0.0432918	0.641192	-1.5596	0.876725	0.970757	-1.03012	0.0372539	1.58768	1.58768
cg01569500	GRIN1;GRIN1;GRIN1	0.0900726	0.0883797	8.38137	8.38137	0.0318097	17.2082	17.2082	0.0794263	9.0402	9.0402	0.0830784	8.75712	8.75712	0.575404	0.527335	-1.89633
cg01159576	LMX1B	0.0900737	0.474438	0.785018	-1.27386	0.372728	1.35595	1.35595	0.0831718	0.52821	-1.89319	0.00784187	3.11226	3.11226	0.41487	1.3196	1.3196
cg13887933	PAX5	0.0900752	0.867525	1.03422	1.03422	0.0173057	1.79375	1.79375	0.201852	0.762139	-1.3121	0.403672	1.18796	1.18796	0.355506	1.21114	1.21114
cg03305230	RAI1	0.0900762	0.0313254	0.476983	-2.09651	0.566625	0.843865	-1.18502	0.035864	2.04535	2.04535	0.553962	1.1918	1.1918	0.250544	1.42176	1.42176
cg26674402	TUBGCP6	0.0900767	0.0843085	2.86019	2.86019	0.228683	2.00415	2.00415	0.148043	2.34887	2.34887	0.0700462	3.04838	3.04838	0.989332	1.00738	1.00738
cg13701117	TJP3	0.0900785	0.0245671	0.461008	-2.16916	0.307769	0.736916	-1.35701	0.0925863	0.585547	-1.7078	0.420773	0.788333	-1.2685	0.627425	1.15192	1.15192
cg16688582	CREB5	0.0900795	?	?	?	0.0105683	0.207701	-4.81462	0.0371067	0.30643	-3.26339	0.437597	0.679122	-1.47249	0.0524371	0.340346	-2.93818
cg14390018	HERC2	0.0900796	0.195377	1.26473	1.26473	0.742396	1.05819	1.05819	0.415629	0.867023	-1.15337	0.471918	1.1337	1.1337	0.187097	0.786783	-1.271
cg09008985	SDK1	0.090081	0.27751	0.563957	-1.77319	0.00604834	0.162266	-6.16272	0.276224	1.77613	1.77613	0.771939	1.15881	1.15881	0.0603313	0.3415	-2.92825
cg13185545	C19orf51	0.0900842	0.532144	1.11302	1.11302	0.475946	0.884571	-1.13049	0.350146	1.17672	1.17672	0.155148	1.29359	1.29359	0.795031	1.04504	1.04504
cg06634786	POLR3H;POLR3H;POLR3H	0.0900848	0.0077024	0.288306	-3.46853	0.964405	0.98392	-1.01634	0.749932	0.890337	-1.12317	0.139879	1.78067	1.78067	?	?	?
cg08018731	NOS3	0.090085	0.681352	0.852713	-1.17273	0.293634	0.65679	-1.52256	0.782204	0.898576	-1.11287	0.0971584	0.495318	-2.01891	0.00487592	0.236897	-4.22125
cg01409734	TRAFD1;TRAFD1	0.0900988	0.600428	1.11677	1.11677	0.699201	1.08452	1.08452	0.372718	1.21075	1.21075	0.757214	0.937254	-1.06695	0.819034	1.04905	1.04905
cg07156115	AHR	0.0901007	0.0444502	0.283174	-3.5314	0.717732	0.820008	-1.2195	0.103808	0.378206	-2.64406	0.856409	1.10408	1.10408	0.0152032	0.195959	-5.1031
cg06046705	ANKRD50;ANKRD50	0.0901017	0.0754398	0.776143	-1.28842	0.341357	1.13376	1.13376	0.16183	1.21079	1.21079	0.217143	0.846823	-1.18088	0.186994	1.19612	1.19612
cg09291944	GIPC3	0.0901034	0.0163963	0.123523	-8.09564	0.0572685	0.21581	-4.63371	0.409063	0.547741	-1.82568	0.62151	0.701315	-1.42589	0.0078659	0.0879375	-11.3717
cg16887862	PUSL1;ACAP3	0.0901052	0.38299	0.885371	-1.12947	0.130717	1.24869	1.24869	0.157849	1.22814	1.22814	0.511631	1.09482	1.09482	0.76026	1.04253	1.04253

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16413752	0.148346	0.741986	-1.34773	0.0266347	0.603097	-1.65811	0.88329	0.972122	-1.02868	0.651459	1.09147	1.09147	2.67987	1.57244	0.521564	1
cg07608474	0.683413	1.17796	1.17796	0.0107525	3.59748	3.59748	0.0277618	2.82668	2.82668	0.685617	1.17653	1.17653	2.67984	6.77263	2.24645	1
cg05919211	0.094949	0.274267	-3.64608	0.122601	0.307447	-3.25259	0.692456	0.755589	-1.32347	0.0402218	0.188067	-5.31726	2.6798	21.0938	6.99679	1
cg20639802	0.200313	1.16511	1.16511	0.0244691	0.738763	-1.35361	0.414779	0.910131	-1.09874	0.307824	0.887592	-1.12664	2.67977	0.541574	0.179642	1
cg27523951	0.772554	0.957628	-1.04425	0.175055	0.806163	-1.24044	0.484772	0.899367	-1.11189	0.772987	1.04416	1.04416	2.67974	0.94723	0.314203	1
cg24980481	0.410787	1.50864	1.50864	0.078903	0.38523	-2.59585	0.0398774	3.19446	3.19446	0.146938	0.467184	-2.14048	2.67968	10.1444	3.36502	1
cg01623187	0.287568	0.619399	-1.61447	0.0452112	0.369092	-2.70935	0.0908804	0.445751	-2.24341	0.234613	0.582479	-1.7168	2.67968	7.98681	2.64215	1
cg03586474	0.522555	0.503173	-1.98739	0.0248063	16.9722	16.9722	0.336348	0.349728	-2.85936	0.0744017	8.22135	8.22135	2.67967	47.6692	15.8126	1
cg25325053	0.0595952	0.324427	-3.08236	0.373879	0.616739	-1.62143	0.487818	0.688519	-1.45239	0.221667	0.506545	-1.97416	2.67967	11.8983	3.94684	1
cg04745079	0.0103784	0.544552	-1.83637	0.536216	1.12517	1.12517	0.986657	0.996856	-1.00315	0.335822	0.829552	-1.20547	2.67966	1.50464	0.499115	1
cg18120358	0.510959	0.643195	-1.55474	0.598597	0.703561	-1.42134	0.888782	1.09704	1.09704	0.0106236	0.11926	-8.38501	2.67966	18.5924	6.16741	1
cg23676484	0.329079	1.18912	1.18912	0.0154231	1.66721	1.66721	0.636262	0.921343	-1.08537	0.0464978	0.675634	-1.48009	2.67965	1.25501	0.416308	1
cg06207460	0.107087	0.819235	-1.22065	0.0952788	0.812413	-1.2309	0.0585952	0.784922	-1.27401	0.804886	1.02845	1.02845	2.67965	0.545249	0.180869	1
cg24974009	0.057325	0.59658	-1.67622	0.0608487	1.66136	1.66136	0.453174	0.832284	-1.20151	0.263241	0.755639	-1.32338	2.67965	2.44931	0.812481	1
cg15153791	0.0381157	0.46413	-2.15457	0.708389	1.12748	1.12748	0.210501	1.52405	1.52405	0.563694	0.829938	-1.20491	2.67964	4.32804	1.4357	1
cg07711911	0.478352	0.713582	-1.40138	0.0421069	0.334083	-2.99327	0.149038	2.06364	2.06364	0.295607	0.601829	-1.6616	2.67964	9.30247	3.08582	1
cg00562916	0.281774	0.571878	-1.74863	0.0486165	0.324551	-3.08118	0.602676	1.30002	1.30002	0.195607	0.504707	-1.98135	2.67962	10.5923	3.51369	1
cg12648600	0.322545	0.910921	-1.09779	0.0326376	0.795903	-1.25643	0.0139413	0.757829	-1.31956	0.569678	0.948891	-1.05386	2.67961	0.353782	0.117358	1
cg02581302	0.47527	0.799378	-1.25097	0.992383	0.99706	-1.00295	0.920316	0.96961	-1.03134	0.295468	0.715611	-1.39741	2.67959	4.03706	1.3392	1
cg23513252	0.955151	0.987959	-1.01219	0.0125175	1.95247	1.95247	0.515036	0.867457	-1.1528	0.697783	0.919385	-1.08768	2.67958	1.96887	0.653127	1
cg20700904	0.598612	1.06957	1.06957	0.486305	0.914322	-1.09371	0.254572	0.860164	-1.16257	0.1778	1.19881	1.19881	2.67958	0.680434	0.225718	1
cg08563570	0.316112	1.65423	1.65423	0.078253	2.58584	2.58584	0.0565917	2.85215	2.85215	0.819641	0.89502	-1.11729	2.67957	10.0087	3.32017	1
cg15411034	0.883988	1.0318	1.0318	0.0777753	1.52235	1.52235	0.0908544	1.49089	1.49089	0.714073	0.924136	-1.08209	2.67951	1.95074	0.647129	1
cg09481857	0.679316	1.4298	1.4298	0.754193	0.763586	-1.30961	0.0951628	0.187372	-5.33698	0.980245	0.979005	-1.02144	3.57291	29.6616	5.92986	1
cg05370662	0.0279366	2.53771	2.53771	0.0503333	0.449374	-2.22532	0.172219	0.593937	-1.68368	0.922314	0.965631	-1.03559	2.6794	5.45539	1.80982	1
cg11301513	0.12204	0.791799	-1.26295	0.668319	0.941728	-1.06188	0.0279229	1.43595	1.43595	0.0446228	1.37874	1.37874	2.6794	0.823355	0.273148	1
cg22361075	0.240056	0.725367	-1.37861	0.0626616	0.578815	-1.72767	0.730455	1.09447	1.09447	0.0163719	0.464916	-2.15093	2.67939	2.89101	0.959092	1
cg15374435	0.480504	0.520084	-1.92277	0.0240146	0.0859321	-11.6371	0.339197	2.45482	2.45482	0.998035	0.997757	-1.00225	2.67938	35.2662	11.6996	1
cg14578807	?	?	?	0.250458	0.5488	-1.82216	0.842054	1.10482	1.10482	0.230404	0.533302	-1.87511	2.71057	9.52635	3.51451	1
cg01526919	0.573525	1.16573	1.16573	0.0149997	2.23948	2.23948	0.358135	1.29019	1.29019	0.352763	1.2941	1.2941	2.67937	3.08495	1.02344	1
cg06862696	0.640227	0.808643	-1.23664	0.00908297	0.224058	-4.46312	0.53129	1.33127	1.33127	0.312728	0.624271	-1.60187	2.67934	8.63954	2.86622	1
cg10906284	0.715846	0.667386	-1.49838	0.696032	0.647718	-1.54388	0.00707732	46.977	46.977	0.855073	0.816896	-1.22415	2.67932	51.9213	17.2254	1
cg21616552	0.853715	0.971074	-1.02979	0.971912	0.994416	-1.00561	0.165472	1.26522	1.26522	0.631184	0.925963	-1.07996	2.67931	1.07319	0.35604	1
cg14713449	0.0847355	1.77892	1.77892	0.299662	1.38368	1.38368	0.793254	0.92371	-1.08259	0.719973	1.1149	1.1149	2.67931	3.87346	1.28506	1
cg07747299	0.182124	0.251167	-3.98141	0.0258984	0.0757515	-13.2011	0.158147	0.229449	-4.35827	0.463783	0.483102	-2.06996	2.67929	40.3912	13.4003	1
cg18827738	0.919333	0.934684	-1.06988	0.0054123	0.0778909	-12.8385	0.18459	2.57762	2.57762	0.126475	3.05196	3.05196	2.85891	19.7064	5.36119	1
cg24241925	0.694939	1.22483	1.22483	0.231246	0.524052	-1.90821	0.00454337	0.142961	-6.99493	0.2259	0.51977	-1.92393	2.6792	11.2354	3.7276	1
cg25972924	0.226908	1.55791	1.55791	0.343185	0.710877	-1.40671	0.661741	1.16631	1.16631	0.810976	1.08734	1.08734	2.71037	4.65978	1.71924	1
cg15320925	0.524197	0.850138	-1.17628	0.0106572	2.2426	2.2426	0.0201517	2.02381	2.02381	0.263436	1.34079	1.34079	2.67917	2.68493	0.890801	1
cg26928603	0.266909	1.22153	1.22153	0.0905237	0.724228	-1.38078	0.173148	0.778208	-1.285	0.558312	1.10784	1.10784	2.67917	1.26994	0.421337	1
cg05336115	0.381551	0.550411	-1.81682	0.924137	1.06542	1.06542	0.00174709	19.4645	19.4645	0.493771	1.5878	1.5878	2.67917	18.7815	6.23128	1
cg12333707	0.472766	1.19961	1.19961	0.0121599	2.17891	2.17891	0.785099	1.07049	1.07049	0.577167	0.869041	-1.15069	2.67915	2.63531	0.874344	1
cg15639951	0.181723	1.89921	1.89921	0.555998	1.30927	1.30927	0.704871	0.841829	-1.18789	0.495319	0.731037	-1.36792	2.67915	8.6875	2.88234	1
cg08261525	0.292455	1.40828	1.40828	0.452072	1.27144	1.27144	0.0403337	2.10105	2.10105	0.391892	0.759598	-1.31649	2.67909	4.16926	1.38331	1
cg22378631	0.914182	1.02058	1.02058	0.811912	1.04609	1.04609	0.77411	1.0559	1.0559	0.0798936	1.44387	1.44387	2.67907	1.51599	0.50299	1
cg04386149	0.152328	0.645862	-1.54832	?	?	?	0.0893275	1.706	1.706	0.0350545	2.01414	2.01414	2.71025	3.1019	1.14451	1
cg13537196	0.782354	1.03716	1.03716	0.0587405	0.754799	-1.32486	0.985484	1.0024	1.0024	0.872549	0.979069	-1.02138	2.67905	0.736602	0.244399	1
cg18206914	0.44007	1.11189	1.11189	0.0202155	0.685751	-1.45825	0.0544805	0.745362	-1.34163	0.524091	1.09086	1.09086	2.67905	0.769864	0.255435	1
cg21131149	0.322794	0.7802	-1.28172	0.00174849	0.338154	-2.95723	0.809415	0.942969	-1.06048	0.864542	0.959353	-1.04237	2.67902	2.50601	0.831483	1
cg03249995	0.544257	1.11985	1.11985	0.0210057	1.66873	1.66873	0.754169	1.05965	1.05965	0.280884	1.22964	1.22964	2.679	1.4433	0.478885	1
cg04299389	0.14144	6.78616	6.78616	0.27862	3.91261	3.91261	0.0248446	25.3881	25.3881	0.0470916	15.669	15.669	2.67898	62.2215	20.6451	1
cg00265863	0.862549	0.834087	-1.19892	0.0866232	7.25339	7.25339	0.0552397	9.72913	9.72913	0.939072	1.08332	1.08332	2.67898	46.5033	15.4299	1
cg05806387	0.291608	0.593635	-1.68454	0.241479	0.557498	-1.79373	0.159811	2.04583	2.04583	0.619568	1.26935	1.26935	2.67896	9.63601	3.19726	1
cg15904834	0.241363	1.21287	1.21287	0.00363154	1.85762	1.85762	0.949535	0.990089	-1.01001	0.654281	0.931524	-1.07351	2.67895	1.05067	0.348617	1
cg24505618	0.683004	0.823597	-1.21419	0.433457	0.685361	-1.45909	0.00339508	6.56987	6.56987	0.760582	1.15542	1.15542	2.67893	9.47938	3.14533	1
cg10150686	0.592299	2.07819	2.07819	0.227259	0.1799	-5.55864	0.0338051	28.6096	28.6096	0.514173	0.408519	-2.44787	2.67893	77.6959	25.7801	1
cg09962458	0.659723	0.823353	-1.21455	0.0931277	0.444714	-2.24864	0.277285	0.609166	-1.64159	0.269954	0.604159	-1.65519	2.67893	8.16477	2.70913	1
cg01682285	0.49973	0.702131	-1.42424	0.929664	1.04662	1.04662	0.336132	0.599335	-1.66852	0.751116	0.848533	-1.1785	2.67892	11.3046	3.75098	1
cg14213439	0.960318	0.993159	-1.00689	0.535569	1.09041	1.09041	0.0358333	1.40059	1.40059	0.0837029	0.767919	-1.30222	2.67892	0.807482	0.26716	1
cg16120415	0.325349	0.434732	-2.30027	0.0379469	0.13892	-7.19837	0.374698	0.473612	-2.11144	0.084837	0.209467	-4.77402	2.6789	28.546	9.47187	1
cg05580667	0.0683709	0.68958	-1.45016	0.344467	0.837472	-1.19407	0.602453	0.908718	-1.10045	0.304421	0.823884	-1.21376	2.6789	1.40761	0.46706	1
cg07566286	0.736954	1.08884	1.08884	0.591657	1.1465	1.1465	0.0120737	2.20374	2.20374	0.214452	1.39091	1.39091	2.67886	2.70429	0.897328	1
cg19358568	0.240572	1.30826	1.30826	0.0215348	1.82896	1.82896	0.756443	0.934224	-1.07041	0.81581	1.05235	1.05235	2.67885	2.02916	0.673311	1
cg04165073	0.252849	0.593244	-1.68565	0.0168899	0.279652	-3.57587	0.128154	0.487215	-2.05248	0.160073	0.518817	-1.92746	2.67881	8.10929	2.69085	1
cg12588476	0.116252	0.818802	-1.2213	0.426804	0.909345	-1.09969	0.780389	0.967795	-1.03328	0.499675	1.08356	1.08356	2.6788	0.581955	0.193106	1
cg05085137	0.466278	0.559081	-1.78865	0.268813	2.4676	2.4676	0.00656583	15.9395	15.9395	0.173111	3.11715	3.11715	2.67878	26.0959	8.65931	1
cg05294497	0.732692	0.810845	-1.23328	0.485555	0.648296	-1.54251	0.32934	1.85094	1.85094	0.627271	0.741358	-1.34888	2.67876	15.8695	5.26595	1
cg17412240	0.133235	0.496335	-2.01477	0.903349	0.948818	-1.05394	0.74518	1.15146	1.15146	0.0148022	0.273386	-3.65783	2.67874	7.93505	2.6331	1
cg04969764	0.0507529	0.69629	-1.43618	0.246353	0.821056	-1.21794	0.53812	1.1067	1.1067	0.856301	0.97095	-1.02992	2.67873	1.12214	0.372363	1
cg00369333	0.594087	1.12906	1.12906	0.00577524	2.26183	2.26183	?	?	?	0.316688	1.26313	1.26313	2.70991	1.94281	0.71693	1
cg08185070	0.999256	0.999774	-1.00023	0.147176	0.685508	-1.45877	0.0114361	2.15596	2.15596	0.198906	0.719267	-1.3903	2.67872	2.49977	0.82951	1
cg14523706	0.551653	0.816682	-1.22447	0.0200758	0.389391	-2.56811	0.032337	0.430572	-2.32249	0.229081	0.654162	-1.52867	2.67871	4.79674	1.59172	1
cg07203423	0.229541	8.05043	8.05043	0.760482	0.603013	-1.65834	0.0408184	49.6952	49.6952	0.0249742	82.508	82.508	2.6787	116.104	38.5275	1
cg26389053	0.106484	0.429865	-2.32631	0.853679	1.09246	1.09246	0.182397	0.50771	-1.96963	0.219708	0.538933	-1.85552	2.6787	9.73355	3.22995	1
cg13386217	0.0960927	2.09258	2.09258	0.213721	1.69724	1.69724	0.461616	1.35367	1.35367	0.891224	1.05684	1.05684	2.67869	6.92621	2.29837	1
cg25322645	0.763963	0.970953	-1.02992	0.198411	0.875432	-1.14229	0.0283596	1.28828	1.28828	0.0304707	1.28264	1.28264	2.67869	0.406453	0.134876	1
cg00530298	0.0412408	0.27984	-3.57347	0.0149452	0.198187	-5.04573	0.821047	0.884673	-1.13036	0.603502	0.753223	-1.32763	2.67865	12.4101	4.11819	1
cg18721155	0.0959921	0.694753	-1.43936	0.157186	1.35172	1.35172	0.948762	1.01289	1.01289	0.710066	1.07723	1.07723	2.67863	1.68371	0.558971	1
ch.3.3303606F	0.0439981	0.75901	-1.31751	0.0454886	0.760883	-1.31426	0.120785	0.818358	-1.22196	0.131756	0.8238	-1.21389	2.6786	0.602144	[illegible]	1
cg21808981	0.00570054	0.257006	-3.89096	0.0200998	0.349632	-2.86015	0.164213	0.573371	-1.74407	0.372264	0.709435	-1.40957	2.67858	5.9577	1.97713	1
cg19968916	0.580878	1.1548	1.1548	0.952009	1.01566	1.01566	0.846081	0.951077	-1.05144	0.694504	0.903142	-1.10725	2.67855	2.82584	0.93777	1
cg03755748	0.206205	0.576866	-1.73351	0.611935	0.809704	-1.23502	0.535082	0.771687	-1.29586	0.229696	0.594512	-1.68205	2.67854	7.22196	2.39665	1
cg07119315	0.204223	0.257314	-3.8863	0.13382	0.194331	-5.14585	0.215868	0.267238	-3.74198	0.326741	0.358517	-2.78927	2.67851	43.5444	14.4506	1
cg03028236	0.121478	1.61442	1.61442	0.410904	0.786712	-1.27111	0.00632768	0.36267	-2.75733	0.928044	0.974561	-1.0261	2.67851	3.45277	1.14584	1
cg11721194	0.258129	0.368359	-2.71474	0.0123173	0.0715051	-13.985	0.0958124	0.212616	-4.70332	0.145574	0.266449	-3.75306	2.67848	30.3879	10.0846	1
cg00812761	0.947988	0.969704	-1.03124	0.676559	1.21877	1.21877	0.388655	1.51685	1.51685	0.357187	0.639829	-1.56292	2.67843	9.43362	3.13074	1
cg25264268	0.0955555	0.431154	-2.31936	0.0106374	0.228604	-4.37438	0.12178	0.4627	-2.16123	0.400414	1.48511	1.48511	2.67842	8.95543	2.97204	1
cg02798749	0.862607	0.96971	-1.03124	0.739242	1.06111	1.06111	0.644294	0.920757	-1.08606	0.206014	1.26729	1.26729	2.6784	1.33761	0.443918	1
cg04921109	0.0115683	0.27018	-3.70123	0.0584904	2.42541	2.42541	0.472042	0.738457	-1.35418	0.11778	2.02189	2.02189	2.67838	7.28722	2.41845	1
cg16655295	0.264197	0.663833	-1.5064	0.141218	0.572894	-1.74552	0.0578094	0.469945	-2.12791	0.193553	0.616106	-1.6231	2.67835	5.25764	1.74245	1
cg04700292	0.659868	0.857795	-1.16578	0.379679	0.731891	-1.36632	0.447178	0.764656	-1.30778	0.0679247	0.492557	-2.03022	2.67834	5.08837	1.68837	1
cg23636406	0.80824	1.03898	1.03898	0.702461	1.06223	1.06223	0.756063	0.952169	-1.05023	0.343929	0.857837	-1.16572	2.67832	1.04938	0.347368	1
cg27147936	0.601115	0.919843	-1.08714	0.696839	0.93987	-1.06398	0.017189	0.631363	-1.58387	0.115472	0.762583	-1.31133	2.67828	1.06421	0.353198	1
cg06887555	0.0355312	0.218627	-4.574	0.0854998	0.307001	-3.25732	0.956951	0.96702	-1.0341	0.104148	0.331626	-3.01544	2.67826	16.371	5.43337	1
cg09569581	0.151596	1.77999	1.77999	0.515762	1.28058	1.28058	0.0336629	2.53734	2.53734	0.391448	1.39032	1.39032	2.67826	5.9747	1.98295	1
cg19893670	0.0429164	0.215163	-4.64764	0.0105657	0.119932	-8.33805	0.980327	1.01639	1.01639	0.0304792	0.186973	-5.34838	2.67825	18.4436	6.12398	1
cg23404665	0.35724	1.10667	1.10667	0.132617	0.840547	-1.1897	0.573909	0.940995	-1.0627	0.268063	1.13144	1.13144	2.67824	0.486027	0.161405	1
cg01719995	0.224795	0.483805	-2.06695	0.0109362	0.162223	-6.16437	0.0580992	0.295324	-3.38612	0.15681	0.422157	-2.36879	2.67821	13.7552	4.56918	1
cg02134720	0.451225	1.60281	1.60281	0.108145	0.340525	-2.93664	0.026453	5.0393	5.0393	0.302858	1.92693	1.92693	2.67821	16.0216	5.31761	1
cg18279150	0.936401	1.02776	1.02776	0.357628	0.722802	-1.3835	0.882127	1.05223	1.05223	0.00349207	0.256704	-3.89554	2.70937	4.49117	1.65764	1
cg01306801	0.860384	1.08081	1.08081	0.594721	0.788972	-1.26747	0.368027	1.50404	1.50404	0.775846	0.881602	-1.1343	2.6782	8.26502	2.74315	1
cg26464221	0.965972	0.98779	-1.01236	0.122028	0.617151	-1.62035	0.0353045	2.02567	2.02567	0.873028	1.04713	1.04713	2.67819	3.51747	1.16745	1
cg00018524	0.353302	0.799876	-1.25019	0.195635	0.72616	-1.37711	0.381403	1.23356	1.23356	0.307417	0.781119	-1.28022	2.67818	2.31871	0.769579	1
cg16620537	0.00799254	1.66259	1.66259	0.0965443	0.761206	-1.31371	0.939155	1.01148	1.01148	0.950838	0.990822	-1.00926	2.67818	0.948613	0.314845	1
cg10565760	0.7275	1.07036	1.07036	0.146963	1.35327	1.35327	0.02131	1.71233	1.71233	0.0489516	1.54801	1.54801	2.67817	1.60233	0.531816	1
cg18354248	0.225165	1.52502	1.52502	0.00322989	3.78471	3.78471	0.553565	1.2196	1.2196	0.724885	1.12418	1.12418	2.67817	4.65482	1.54494	1
cg20877030	0.423905	0.707495	-1.41344	0.209782	0.571202	-1.75069	0.0083017	0.239394	-4.17721	0.383486	0.684807	-1.46027	2.67815	7.61376	2.52744	1
cg24491895	0.598745	0.832284	-1.20151	0.505969	1.26279	1.26279	0.500147	0.789288	-1.26697	0.123552	0.561742	-1.78018	2.67814	5.06999	1.68375	1
ch.5.1443044F	0.409683	0.653616	-1.52995	0.232652	0.531942	-1.87991	0.237581	0.535806	-1.86635	0.359409	0.621732	-1.60841	2.67814	10.7885	3.58077	1
cg09597192	0.0833185	0.320721	-3.11798	0.0895825	0.329488	-3.03501	0.826075	1.13945	1.13945	0.210192	0.456898	-2.18867	2.67813	14.9251	4.95374	1
cg26384465	0.200675	0.721827	-1.38537	0.337671	1.2692	1.2692	0.308787	1.28923	1.28923	0.162162	0.697713	-1.43325	2.6781	2.46709	0.818925	1
cg24367431	0.995671	1.00151	1.00151	0.415367	1.26073	1.26073	0.00934131	2.50299	2.50299	0.804776	1.07135	1.07135	2.67809	3.28509	1.09036	1
cg14724613	0.814853	1.03044	1.03044	0.803388	1.0324	1.0324	0.248434	1.16677	1.16677	0.099399	1.25973	1.25973	2.67807	0.693168	0.230149	1
cg10902033	0.18611	0.700294	-1.42797	0.0341798	0.533605	-1.87405	0.401471	1.24388	1.24388	0.195819	0.706342	-1.41574	2.67806	2.73945	0.904265	1
cg06002975	0.429957	0.857243	-1.16653	0.202969	0.773402	-1.29299	0.118825	1.38221	1.38221	0.497467	1.14076	1.14076	2.67804	1.55041	0.514608	1
cg01569500	0.540642	2.01462	2.01462	0.0572149	11.3903	11.3903	0.0187833	25.0152	25.0152	0.352677	2.94902	2.94902	2.67803	54.236	18.0019	1
cg01159576	0.289448	0.693589	-1.44178	0.449445	0.773786	-1.29235	0.357686	1.36991	1.36991	0.443683	1.29675	1.29675	2.67802	4.69608	1.5596	1
cg13887933	0.306661	1.23776	1.23776	0.0193668	1.76814	1.76814	0.548786	0.884901	-1.13007	0.353475	0.82496	-1.21218	2.678	1.72297	0.571892	1
cg03305230	0.984041	0.994155	-1.00588	0.0630271	1.84577	1.84577	0.135287	1.60295	1.60295	0.407231	1.28207	1.28207	2.67799	3.64324	1.20928	1
cg26674402	0.15611	2.30474	2.30474	0.0270448	4.22272	4.22272	0.0204197	4.65375	4.65375	0.0329919	3.94392	3.94392	2.67798	12.8441	4.26328	1
cg13701117	0.0954733	0.588828	-1.69829	0.045895	0.515981	-1.93806	0.177692	1.51317	1.51317	0.108422	0.602668	-1.65929	2.67796	3.54644	1.17728	1
cg16688582	0.615968	0.781038	-1.28035	0.97857	1.01321	1.01321	0.182644	0.501014	-1.99595	0.0951799	0.408204	-2.44975	2.70911	9.10791	3.36195	1
cg14390018	0.0111734	1.72521	1.72521	0.128097	0.754192	-1.32592	0.109038	1.34947	1.34947	0.976596	0.994982	-1.00504	2.67795	1.24741	0.414051	1
cg09008985	0.997682	1.00147	1.00147	0.275864	1.77696	1.77696	0.994006	0.996197	-1.00382	0.84977	1.10095	1.10095	2.67793	10.9099	3.62133	1
cg13185545	0.383392	0.859638	-1.16328	0.702532	1.06708	1.06708	0.00262987	2.02295	2.02295	0.417083	1.15065	1.15065	2.67789	1.21431	0.403283	1
cg06634786	0.315274	1.45817	1.45817	0.14824	1.75655	1.75655	0.904682	0.957418	-1.04448	0.492615	0.776365	-1.28805	2.70904	5.03218	1.85703	1
cg08018731	0.0587968	0.438812	-2.27888	0.126588	0.528486	-1.8922	0.0526034	0.427257	-2.34051	0.446645	0.741304	-1.34897	2.67788	6.31618	2.09835	1
cg01409734	0.971972	0.992685	-1.00737	0.00261132	0.418452	-2.38976	0.143251	0.719842	-1.38919	0.992869	1.00187	1.00187	2.67771	1.85198	0.614782	1
cg07156115	0.0684219	0.327858	-3.0501	0.120398	0.398178	-2.51144	0.255599	1.91316	1.91316	0.742042	0.834807	-1.19788	2.67768	12.672	4.20663	1
cg06046705	0.519771	1.08714	1.08714	0.0435296	0.742895	-1.34608	0.158388	0.824426	-1.21297	0.141593	0.816785	-1.22431	2.67767	0.695274	0.230747	1
cg09291944	0.140851	0.323273	-3.09336	0.344173	0.499231	-2.00308	0.941879	0.949344	-1.05336	0.239247	0.41534	-2.40766	2.67765	21.555	7.15553	1
cg16887862	0.129129	1.25002	1.25002	0.0148113	0.664955	-1.50386	0.342959	0.875501	-1.1422	0.211925	1.19596	1.19596	2.67763	0.785391	0.260725	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 KITLG/KITLG) vs. N)	Fold-Change(1 vs.1047 KITLG/KITLG)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. 060 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 117 vs. N)	p-value(1128 vs. N)	Fold-Change(1128 vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 128 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. 217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. 221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. 347 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 353 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 537 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. 543 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 563 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg25741452	KITLG;KITLG;KITLG;KITLG	0.00018558	0.419623	0.884489	-1.1306	1.05862E19	1.37436	1.37436	0.4456736	1.40362	1.40362	0.828012	0.968132	-1.02592	1.183888	1.23549	1.23549	0.10559	0.768614	-1.30104	0.698937	0.943792	1.05956	0.36352	1.14945	1.14945	0.0391541	1.42661	1.42661	2.67762	0.939624	0.311927	1
cg24764432	KCTD18	0.09010189	0.931333	0.942913	-1.06054	0.2531115	0.1630055	-6.13289	0.9965871	1.00292	1.00292	0.467007	0.603615	-1.65669	0.0184674	0.142389	-7.02302	0.356143	0.523431	-1.91047	0.0115107	0.115817	-8.63429	0.931916	1.05856	1.05856	0.588376	0.688886	-1.45162	2.67758	19.7278	6.54913	1
cg13191008	TRIM68	0.09011116	0.937421	0.958143	-1.04369	0.2089556	2.05694	2.05694	0.233486	1.97431	1.97431	0.237844	1.96074	1.96074	0.214063	0.490488	-2.03879	0.348134	1.69217	1.69217	0.00685633	0.1485573	-6.73069	0.436574	1.54063	1.54063	0.8592295	1.10145	1.10145	2.67754	12.5747	4.17455	1
cg22448308	MESDC1;MESDC1	0.09011315	0.0990718	1.87008	1.87008	0.2810381	1.47384	1.47384	0.13019	1.76098	1.76098	0.0496341	0.460555	-2.17129	0.8574671	1.06421	1.06421	0.0928644	1.89665	1.89665	0.0699316	0.4958255	-2.01684	0.405819	0.744957	-1.34234	0.8560911	1.06458	1.06458	2.67752	5.082077	1.68715	1
cg05193314	AKAP5	0.09011443	0.296605	1.79681	1.79681	0.143603	0.4249151	-2.35341	0.143733	0.427139	-2.34116	0.2949342	1.80071	1.80071	0.105779	2.60325	2.60325	0.349319	1.68492	1.68492	0.0307652	3.95052	3.950252	0.192584	2.1102	2.1102	0.0755699	2.91877	2.91877	2.67751	12.4348	4.12814	1
cg19729279	PHF15;PHF15	0.09011444	0.691589	0.969984	-1.03094	0.00932013	1.28671	1.28671	0.0407912	1.1978	1.1978	0.741078	0.974975	-1.02567	0.411667	1.06026	1.06026	0.383236	1.07073	1.07073	0.1015451	0.871956	-1.14685	0.561558	1.04588	1.04588	0.369671	1.07209	1.07209	2.67751	0.247721	0.0822393	1
cg27184903	APBA2;APBA2	0.09011666	0.0414075	0.343391	-2.91213	0.1920093	0.533946	-1.87285	0.4191448	1.45518	1.45518	0.0580507	0.377744	-2.64729	0.0902835	0.428151	-2.33563	0.690427	0.833666	-1.19952	0.0188931	0.2746911	-3.64045	?	?	?	0.240247	0.57192	-1.7485	2.70863	7.87447	2.90717	1
cg02157312	ZFP62	0.09011688	0.94002	0.94002	-1.06428	0.3080954	0.5618887	-1.03158	0.4650222	1.15041	1.15041	0.205679	1.28605	1.28605	0.787991	1.05211	1.05211	0.0062582	0.511037	-1.9568	0.200513	1.29019	1.29019	?	?	?	0.252267	1.25277	1.25277	2.70861	1.35401	0.499893	1
cg07187135	TOMM20;TOMM20;SNORA14B	0.09011991	0.153999	1.94259	0.194259	0.0191079	3.6476	3.6476	0.0433556	2.82659	2.82659	0.115077	0.01924	0.01924	0.115774	2.31293	2.31293	0.545331	0.770375	-1.29807	0.6694671	0.833077	-1.20037	0.362617	0.669621	-1.49338	?	?	?	2.67752	3.582712	1.81106	1
cg20985635	FSTL4	0.09011996	0.438576	1.16786	1.16786	0.4835115	0.869489	-1.1501	0.870655	0.968502	-1.03252	0.349004	0.827496	-1.20846	0.879859	1.03015	1.03015	0.6642621	1.50431	1.50431	0.742852	0.937388	-1.06679	0.706432	0.92838	-1.07715	0.00453766	0.475877	-2.10138	2.67744	1.63563	0.543017	1
cg00783554	BCL2L1;BCL2L1	0.09012177	0.6378167	1.56785	1.56785	0.3716507	0.765097	-1.30656	0.4842507	0.916895	-1.09095	0.5153618	1.098	1.098	0.7894402	0.933727	0.933727	0.7942605	0.951735	1.05112	0.7894402	0.933727	1.05112	0.7942605	0.951735	1.05112	-1.31316	0.26109	0.801034	-1.24889	0.67742	1.51932	0.554406	1
cg16827560	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.09012231	0.956592	1.01055	1.01055	0.021501	1.70271	1.70271	0.740451	1.06616	1.06616	0.287242	0.808197	-1.23732	0.933524	0.984051	-1.01621	0.137279	1.36131	1.36131	0.0228019	0.5914991	-1.69062	0.593003	0.90125	-1.10957	0.284054	1.23921	1.23921	2.67744	1.57488	0.523856	1
cg25921543	FHIT;FHIT	0.09012246	0.453872	0.730618	-1.3687	0.703035	1.17066	1.17066	0.096087	2.12083	2.12083	0.759974	0.881561	-1.13435	0.631568	0.819752	-1.21988	0.00846081	0.250823	-3.98687	0.910469	0.95478	-1.04736	0.820672	0.910826	-1.0979	0.0318489	0.355288	-2.81462	2.67738	7.17627	2.38252	1
cg18975392	MUSB1	0.090125	0.364581	0.926366	-1.07949	0.807672	0.980177	-1.02022	0.373898	0.927805	-1.07781	0.283979	1.09568	1.09568	0.692611	1.03265	1.03265	0.530295	0.949148	-1.05358	0.0135993	1.28485	1.28485	0.0200722	1.25896	1.25896	0.234984	1.10759	1.10759	2.67738	0.285791	0.0948825	1
cg21389884	PVRL1;PVRL1;PVRL1;PVRL1;PVRL1;PVRL1;PVRL1;PVRL1	0.09012664	0.0490005	0.522924	-1.91232	0.456627	1.24443	1.24443	0.0420771	1.96522	1.96522	0.6543	1.13884	1.13884	0.207279	1.46756	1.46756	0.0972627	1.69035	1.69035	0.131291	0.625042	-1.59989	0.257882	1.40573	1.40573	0.252044	1.42118	1.42118	2.67736	3.52808	1.17133	1
cg00798103	NKX6-1	0.09013026	0.0504139	0.506567	-1.97407	0.198393	1.51369	1.51369	0.0715575	1.8472	1.8472	0.450238	1.26445	1.26445	0.254208	0.695506	-1.4378	0.0426765	0.490833	-2.03725	0.854342	0.945494	-1.05755	0.940765	0.74125	-1.34906	0.179374	0.647284	-1.54492	2.67731	3.94409	1.30947	1
cg22325258	ENF1	0.09014124	0.5346633	1.84262	-1.18269	0.1910278	0.683948	-1.46251	0.4644645	0.948106	-1.05473	0.558029	0.849736	-1.17684	0.0020229	0.302364	-3.30728	0.794164	1.07451	1.07451	0.530744	0.857135	-1.16668	0.532805	1.18963	1.18963	0.230766	0.707832	-1.41277	2.67728	3.20353	1.06361	1
cg05044706	SEMA4C	0.0901013	0.161343	1.89867	1.89867	0.00826639	4.25291	4.25291	0.0302648	2.97987	2.97987	0.43722	1.40453	1.40453	0.885661	0.940189	-1.06362	0.414109	0.699173	-1.43026	0.17997	1.84115	1.84115	0.152603	1.92844	1.92844	0.829196	0.911552	-1.09703	2.67728	7.7907	2.58661	1
cg26687098	ADSS1	0.09013668	0.0186519	0.504504	-1.98213	0.2779473	2.76226	2.76226	0.0126	3.11126	3.11126	0.0080588	1.00588	1.00588	0.65639	1.13142	1.13142	0.1741642	0.706591	-1.41462	0.0759245	1.60626	1.60626	0.741028	1.08283	1.08283	0.4443015	1.53952	1.53952	2.67723	2.44094	0.810438	1
cg21536086	MIR190B	0.09013889	0.0646813	0.183326	-5.45478	0.463754	0.3459155	-3.83986	0.0549605	0.168763	-5.92549	0.281737	0.400685	-2.49572	0.105084	0.235064	-4.25416	0.406909	0.499768	-2.00093	0.0075922	0.0520653	-19.2067	0.0915435	0.218929	-4.56769	0.0889976	0.215781	-4.63434	2.6772	28.3405	9.40967	1
cg25469414	LUZP2	0.09013889	0.1044578	0.268454	-3.72583	0.2295833	0.846492	-1.18135	0.4726859	0.964503	-1.03675	0.6035369	0.842727	-1.18681	0.0162823	0.675159	-1.48104	0.4754758	0.895268	-1.11702	0.3984274	0.98274	-1.01756	0.9326	1.07212	0.9326	-1.07234	1.21187	1.21187	1.17506	1.17506	0.4170004	0.2426626	1
cg14606328	PDK6	0.09014228	0.10964	0.511302	-1.95579	0.29365	1.52037	1.52037	0.436086	1.35742	1.35742	0.924135	1.03731	1.03731	0.0245944	0.357136	-2.80005	0.113549	1.93914	1.93914	0.695029	1.16362	1.16362	0.0444901	0.411686	-2.42904	0.685514	1.1695	1.1695	2.67715	6.27183	2.08242	1
cg06706159	MAST3	0.09014442	0.0382668	0.103384	-9.65925	0.547031	1.74949	1.74949	0.665022	1.49157	1.49157	0.259637	2.9425	2.9425	0.0760005	0.0474655	-21.068	0.412772	2.15659	2.15659	0.52082	1.79803	1.79803	0.472092	1.95677	1.95677	0.819438	1.23349	1.23349	2.67714	35.7152	11.8585	1
cg02709110	UCP1	0.09014643	0.182137	0.472888	-2.11539	0.4607754	0.3861761	-2.58961	0.2588504	0.70852	-1.41133	0.4204705	0.265652	3.76468	0.0002564	0.0473565	-21.1185	0.0926217	0.490249	-2.04008	0.0375564	0.2685468	3.724258	0.0002564	0.0473565	-21.1185	0.0926217	0.2685468	3.724258	0.0002564	0.0473565	-21.1185	2.67714	45.8928	0.0416639	13.6585	4.53685	1
cg19377421	ISG20L2;C1orf66;C1orf66	0.09014443	0.0190038	0.0939588	-10.643	0.0903143	0.211091	-4.73729	0.271314	0.3853	-2.59538	0.374342	0.467946	-2.137	0.0450508	0.147302	-6.7888	0.10583	0.229655	-4.35435	0.0157459	0.0850556	-11.757	0.191728	0.31633	-3.16126	0.0740088	0.190476	-5.25	2.67713	29.4071	9.76404	1
cg06913160	NKAIN1	0.09014651	0.0984054	0.34249	-2.9199	0.1370913	0.662598	-1.50898	0.2381307	0.644655	-1.55131	0.310432	0.314267	-3.18161	0.0047423	0.0164254	-60.8947	0.0504293	0.169315	-5.90715	0.0151589	0.193345	2.993405	0.0164254	-60.8947	0.0504293	0.169315	0.0151589	0.193345	2.993405	0.0164254	-60.8947	2.67713	5.114577	1.6982	1
cg12745764	ZNF804B	0.09014653	0.048928	0.198331	-5.04208	0.359513	0.507706	-1.96964	0.890604	0.90573	-1.10408	0.585402	0.672778	-1.48638	0.609746	0.6904556	-1.44832	0.952239	1.04004	1.04004	0.0205481	0.1539458	-6.49565	0.0255246	0.0504685	1.19219	0.193299	0.772388	1.2906	1.2906	2.67712	21.9407	7.28799	1
cg10835230	LMNB2	0.09014771	0.343794	0.865384	-1.15556	0.595833	0.923705	-1.0826	0.149925	1.25715	1.25715	0.0975951	0.763772	-1.30929	0.0190121	0.656416	-1.52342	0.175203	0.807554	-1.23831	0.916146	1.01574	1.01574	0.290436	1.17664	1.17664	0.130282	1.27414	1.27414	2.6771	0.931941	0.309436	1
cg05636131	ZNF398;ZNF398	0.09014708	0.0952317	0.246084	-4.06415	0.3108264	0.571357	-1.75037	0.1396801	0.67144	-1.48956	0.143236	0.164372	-6.08407	0.0014349	0.0654432	-15.2776	0.244467	0.458435	-2.18097	0.0464778	0.1350496	7.404599	0.0654432	-15.2776	0.244467	0.458435	0.0464778	0.1350496	7.404599	0.0654432	-15.2776	2.67706	17.528	5.82816	1
cg02345321	TACC1	0.09014945	0.116041	0.353665	-2.82753	0.274659	0.997	0.997	0.36091	0.564657	-1.77099	0.0333062	0.220083	-4.54375	0.0114309	0.14572	-6.86247	0.618953	0.737054	-1.35675	0.278496	0.503735	-1.98517	0.0724518	0.295312	-3.38624	0.223865	0.459512	-2.17622	2.67707	15.7002	5.21308	1
cg05828925	FLI1437;BIN3	0.09014951	0.0448801	0.189861	-5.26699	0.2746496	0.287705	-3.47179	0.0423648	0.167378	-5.97199	0.0239172	0.129786	-7.70607	0.0009022	0.0241732	-41.3798	0.0385586	0.254586	-3.92795	0.055273	0.2889259	-3.45712	0.8196664	0.890786	-1.1226	0.0127061	0.170686	-5.8587	2.67702	13.8183	4.58827	1
cg17524170	RBPJ;RBPJ;RBPJ;RBPJ	0.09015075	0.161178	0.765566	-1.30622	0.11257	0.734647	-1.3612	0.536055	1.11836	1.11836	0.6001	1.09904	1.09904	0.0497509	0.670624	-1.49115	0.788606	1.04914	1.04914	0.0936766	1.16182	1.16182	0.0393785	1.53031	1.53031	0.267697	1.3515	1.3515	0.440635	1
cg24095374	RGS14	0.09015193	0.1044708	0.268454	-3.72583	0.2295833	0.846492	-1.18135	0.4726859	0.964503	-1.03675	0.6035369	0.842727	-1.18681	0.0162823	0.675159	-1.48104	0.2638376	0.559326	-1.78808	0.0503614	0.1539458	-6.49565	0.0255246	0.0504685	1.19219	0.193299	0.772388	1.2906	1.2906	2.67698	21.9407	7.28799	1
cg20149956	ZNF672	0.09015643	0.6167	1.04489	1.04489	0.0545598	1.20897	1.20897	0.0434743	1.2239	1.2239	0.516503	1.05891	1.05891	0.813531	1.02077	1.02077	0.282873	1.10197	1.10197	0.0277536	0.797426	-1.25404	0.19833	0.888434	-1.12558	0.80962	0.979217	-1.02122	2.67688	0.321015	0.106596	1
cg00685573	NRXN3	0.09015683	0.481661	1.32383	1.32383	0.0943105	0.485822	-2.05837	0.2328064	0.356854	-2.72588	0.176772	0.75629	1.32156	0.0964204	0.0822888	-12.1502	0.355384	1.42117	1.42117	0.1564987	0.7939	-1.25961	0.0708403	0.592673	-1.44368	0.0639268	0.448101	-2.2629	2.67687	6.52284	2.16599	1
cg19731541	NR2;NR2;NR2;NR2;NR2;NR2;NR2;NR2	0.09016068	0.0292337	0.487487	-2.05133	0.0549214	0.544001	-1.83823	0.0906103	0.593661	-1.68446	0.0284954	0.0940853	2.17641	0.0002955	0.0162502	-61.5455	0.0808668	1.12262	1.12262	0.894899	1.03766	1.03766	0.115645	0.619818	-1.61338	0.0763254	0.576083	-1.73626	2.67685	3.13627	1.10122	1
cg07105657	USP1;USP1;USP1;USP1	0.09016168	0.308527	0.775138	-1.29009	0.390345	0.808383	-1.23704	0.51589	0.85282	-1.17258	0.443484	1.20782	1.20782	0.456333	1.20123	1.20123	0.0805974	0.62605	-1.59732	0.00339318	0.3819502	-2.61848	0.930183	1.0214	1.0214	0.809506	0.943305	-1.0601	0.76844	2.67612	0.822238	1
cg26835356	UBC	0.09016593	0.144251	0.3238	-3.08805	0.2323762	0.5356	-1.86753	0.1284866	0.58458	-1.71028	0.2113694	0.818756	-1.22168	0.1139372	1.36279	1.36279	0.2204007	1.19709	1.19709	0.34804	0.6443139	-1.55203	0.063446	0.3869123	-2.58449	0.4838924	0.7235055	-1.38216	2.67682	8.732854	2.91394	1
cg13898430	RUNX3	0.09017727	0.123415	0.654863	-1.52704	0.0315625	0.527536	-1.89561	0.0838904	0.54522	-1.83412	0.80713	1.06401	1.06401	0.183603	0.699176	-1.43025	0.370872	0.792083	-1.26249	0.0083953	0.4256662	-2.34975	0.0520653	0.492182	-2.03151	0.0543035	0.82373	-1.21399	2.67678	2.72808	0.905923	1
cg05581921	MTTM	0.09018037	0.1909317	0.506567	-1.97407	0.198393	1.51369	1.51369	0.0715575	1.8472	1.8472	0.450238	1.26445	1.26445	0.254208	0.695506	-1.4378	0.0426765	0.490833	-2.03725	0.854342	0.945494	-1.05755	0.940765	0.74125	-1.34906	0.179374	0.647284	-1.54492	2.67677	3.94409	1.30947	1
cg21112954	PROX2	0.0901973	0.0159244	0.337247	-2.96518	0.107913	0.524193	-1.90769	0.0352961	0.405502	-2.46608	0.601479	1.21413	1.21413	0.653589	0.846766	-1.18096	0.732476	1.13467	1.13467	0.0723185	0.4778855	-2.09268	0.353044	1.4217	1.4217	0.231122	0.629707	-1.58804	0.67677	5.74749	1.90859	1
cg20937674	LOC440040	0.09019747	0.0185561	0.51733	-1.93271	0.186413	0.418148	-2.3915	0.2361995	0.210599	2.02099	0.869705	0.0825	0.0825	0.0134466	0.0540108	-18.5148	0.0968581	0.974524	-1.02614	0.5764992	0.7050923	-1.41825	0.0191154	0.0842862	7.07101	0.0139797	0.191482	5.22257	2.67656	0.00258	0.0649993	1
cg19378036	HNF1B;HNF1B	0.09017968	0.1524337	0.13731	1.13731	0.32054	0.560113	-1.78453	0.1481474	0.48134	-2.07748	0.2918628	1.49969	1.49969	0.2557373	0.518878	-1.92723	0.123532	0.400056	-2.49965	0.0529566	0.1295365	7.721355	0.0557156	0.188147	0.6187	0.0450735	0.31088	3.21688	2.67673	12.7861	4.24603	1
cg00852675	LOC728743	0.09017977	0.581436	1.1511	1.1511	0.450186	1.21465	1.21465	0.0883181	0.621728	-1.60842	0.331441	1.2882	1.2882	0.404527	1.24055	1.24055	0.0945102	1.5912	1.5912	0.00543438	2.52046	2.52046	0.417296	1.23305	1.23305	0.983557	1.00522	1.00522	2.67672	2.70762	0.899153	1
cg05781767	PDGKL2	0.09018035	0.0525217	0.246084	-4.06415	0.3108264	0.571357	-1.75037	0.1396801	0.67144	-1.48956	0.143236	0.164372	-6.08407	0.0014349	0.0654432	-15.2776	0.244467	0.458435	-2.18097	0.0464778	0.1350496	7.404599	0.0654432	-15.2776	0.244467	0.458435	0.0464778	0.1350496	7.404599	0.0654432	-15.2776	2.67665	17.528	5.82816	1
cg21111226	SHTC1	0.0901983	0.0231682	0.216231	-4.62469	0.926455	0.15346	0.05346	0.0811598	0.335971	-2.97645	0.69541	0.80094	-1.24853	0.0215283	0.217416	-4.59947	0.642644	0.656917	-1.52226	0.331961	0.568567	-1.75881	0.0204105	0.206706	-4.83778	0.0963115	0.356967	-2.80138	2.67665	13.4907	4.48014	1
cg18563142	C10orf68	0.09019946	0.351794	1.5627	1.5627	0.222858	0.550603	-1.81619	0.0732057	2.53653	2.53653	0.312335	0.62756	-1.59347	0.8219052	1.10938	1.10938	0.252743	0.537287	-1.74463	0.362245	1.54694	1.54694	0.0996586	2.31793	2.31793	0.0151475	1.39442	1.39442	2.67663	8.2008	2.74455	1
cg10186992	PPP3R3B	0.09019954	0.699642	0.962786	-1.03864	0.7660566	1.06824	1.06824	0.2744206	0.928178	-1.07738	0.1401449	0.834551	-1.19825	0.0082364	0.683137	-1.46377	0.837543	0.976619	-1.02394	0.2273819	0.878304	-1.13856	0.0160127	0.746635	-1.33932	0.635019	1.056	1.056	2.67662	0.550545	0.182801	1
cg13976324	PARD3	0.09019961	0.663722	0.842451	-1.18701	0.115021	0.510896	-1.95734	0.0171167	0.320183	-3.12321	0.77457	0.893567	-1.11911	0.0651451	0.444204	-2.25122	0.208717	0.59491	-1.68093	0.360613	1.4453	1.4453	0.140949	1.89592	1.89592	0.14574	0.542208	-1.84431	2.67661	6.51058	2.16213	1
cg00118468	TMCC2	0.09019965	0.4724892	1.27455	1.27455	0.4318651	0.47383	-2.11083	0.2110875	0.18871	-5.29747	0.0814388	0.13414	0.13414	0.0049153	0.0090148	-110.942	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	2.67654	1.5584	0.5826	1
cg00703123	NRM	0.09019902	0.0347576	0.241316	-4.14395	0.0345316	0.24075	-4.15368	0.109063	0.364418	-2.7441	0.203686	0.460703	-2.1706	0.0215282	0.202935	-4.92768	0.437436	0.632811	-1.58025	0.0304208	0.230009	-4.34766	0.244681	0.495087	-2.01985	0.0815716	0.327888	-3.04982	2.67656	14.1457	4.69781	1
cg11480709	BOD1;BOD1	0.09019958	0.653407	1.1232	1.1232	0.232987	1.31233	1.31233	0.103132	1.47327	1.47327	0.145864	1.40403	1.40403	0.0191684	0.540108	-1.85148	0.148819	1.40007	1.40007	0.125909	0.7945862	-1.33474	0.0618007	0.525909	1.25909	0.368036	1.22257	1.22257	2.67656	2.00258	0.664993	1
cg08198517	SPAG5;SPAG5	0.09019962	0.0901908	0.87363	-1.03712	-1.06709	0.727074	1.15366	1.15366	0.652474	0.831168	-1.20313	0.0599977	0.47438	-2.10802	0.0562279	0.227007	0.440514	1.23532	1.40006	-1.24296	0.4996563	0.952596	1.05139	0.745958	1.74558	0.145758	0.364043	-2.74596	0.1579	0.00258	0.0649993	1
cg05297328	MIR410;MIR656	0.09019911	0.99724	0.99939	-1.00061	0.880457	1.02689	1.02689	0.698993	1.07091	1.07091	0.379937	1.17211	1.17211	0.173618	0.774713	-1.2908	0.682679	1.07517	1.07517	0.00511964	1.91962	1.91962	0.460223	1.14176	1.14176	0.0945511	0.723236	-1.38267	0.67655	1.3179	0.437678	1
cg26206133	TSKS;TSKS1B;NCC	0.09019923	0.1128383	0.456789	-2.18935	0.1708254	0.374362	-2.67093	0.0516868	0.552468	-1.80887	0.2384703	0.647345	-1.54468	0.2680723	0.5224468	-1.91377	0.528072	1.24021	1.52401	-1.09162	0.9165425	0.906422	-1.10324	0.3396145	1.57781	1.57781	0.0915253	1.42329	0.6745343	1.48279	0.640792	1.56082	0.478264	2.90135	1.17456	1
cg13641591	UVRAG	0.09019932	0.0264413	0.424987	-2.35301	0.0728209	0.521686	-1.91686	0.0894817	0.54402	-1.83817	0.148094	0.603825	-1.65611	0.836662	0.935081	-1.06943	0.133755	0.59106	-1.69188	0.0953896	0.551179	-1.81429	0.0101027	0.348104	-2.8727	0.618824	0.849926	-1.17657	2.67652	4.48144	1.48831	1
cg00591501	RPSA;RPSA	0.09019931	0.0188632	0.183434	-5.45248	0.4633858	0.345537	-3.83988	0.0542752	0.167334	-5.97511	0.0239172	0.129786	-7.70607	0.0009022	0.0241732	-41.3798	0.0385586	0.254586	-3.92795	0.055273	0.2889259	-3.45712	0.8196664	0.890786	-1.1226	0.0127061	0.170686	-5.8587	2.67652	13.8183	4.58827	1
cg00648660	RPTOR;RPTOR	0.09019966	0.58948	0.913258	-1.09498	0.61081	0.918064	-1.08925	0.110867	0.748767	-1.33554	0.234443	0.812534	-1.23072	0.254415	1.21923	1.21923	0.0747604	1.39181	1.39181	0.0196695	1.59897	1.59897	0.78871	0.70456	1.04576	0.128746	1.3145	1.3145	2.67648	1.17604	0.390578	1
cg00259608	C1orf70	0.09019981	0.482335	0.901463	-1.10931	0.482348	0.901466	-1.1093	0.594801	1.08027	1.08027	0.00855426	1.62799	1.62799	0.365158	0.873913	-1.14428	0.911939	0.984057	-1.0162	0.418396	1.39071	1.39071	0.0756102	1.33009	1.33009	0.0994691	1.3036	1.3036	2.67646	0.894638	0.297121	1
cg09143515	PSMD4	0.09019982	0.764492	0.919664	-1.08747	0.4972425	0.358268	-2.79134	0.1334	0.785796	0.966997	0.0343	0.492298	0.167672	-1.08971	0.8297253	1.03037	0.0100609	1.40009	0.872533	1.04205	0.1318486	7.58234	0.0100609	1.40009	0.872533	1.04205	0.1318486	7.58234	0.0100609	1.40009	0.872533	1.04205	0.1318486	7.58234	2.67645	0.643338	0.213662	1
cg14525688	PAK6;PAK6;C15orf56;PAK6	0.09020313	0.216595	0.209002	-4.78464	0.239321	0.40862	0.40862	0.280808	3.85606	3.85606	0.344002

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg05936604	MIR9,16	0.0903451	0.260313	0.713171	-1.40219	0.538607	1.1973	1.1973	0.856745	1.05338	1.05338	0.419828	1.25447	1.25447	0.410479	1.27406	1.27406		0.394344	1.28539	1.28539	0.00358846	0.321448	-3.11093	0.346636	1.32167	1.32167	0.894766	0.962632	-1.03882	2.67462	3.50797	1.16584	1
cg27280688	UBASH3A;UBASH3A	0.0903477	0.752029	1.06326	1.06326	0.0227482	1.69481	1.69481	0.26818	0.799959	-1.25006	0.73883	0.9373	-1.06089	0.2664488	1.25113	1.25113		0.2007714	0.769869	-1.29892	0.0167694	1.75927	1.75927	0.544668	1.12266	1.12266	0.557475	0.891539	-1.12166	2.67459	1.58637	0.527222	1
cg05747424	WDR89;WDR89;WDR89	0.0903481	0.8075668	1.01856	1.01856	0.2379444	1.09766	1.09766	0.641648	1.03596	1.03596	0.11192	1.13938	1.13938	0.0914938	1.15033	1.15037		0.5245597	1.04981	1.04981	0.0284628	0.8229912	-1.2152	0.646864	1.1871	1.1871	1.01982	1.14042	1.14042	2.67459	0.2406922	0.0799993	1
cg06600936	ALPK3	0.0903484	0.0962835	0.347698	-2.87636	0.2601931	0.50691	-1.97264	0.0149308	0.170724	-5.64896	0.400668	0.64494	1.64494	0.0348387	2.041039	-4.14871		2.263011	0.509135	-1.9641	0.9307049	0.2303088	-4.342	0.489288	0.8694966	-1.50129	0.949634	0.572957	-1.74533	2.67458	14.1748	4.71095	1
cg17279557	AP1;AFF1	0.090352	0.756309	0.9109303	-1.09778	0.5482	0.83577	-1.19962	0.0393429	2.04235	0.249335	0.129334	0.612075	-1.63379	0.1483377	1.59103	1.59103		0.0839663	0.563948	-1.77321	0.55847	0.837573	-1.19393	0.825532	1.06837	1.06837	0.0471292	1.97487	1.97487	2.67454	3.80074	1.26319	1
cg04638200	C7orf43	0.0903521	0.862249	1.02592	1.02592	0.00211499	1.89047	1.89047	0.451157	1.19378	1.19378	0.232216	1.20277	1.20277	0.679488	0.9406011	-1.06314		0.926458	1.0337	1.0337	0.892789	1.02007	1.02007	0.483277	0.9003032	-1.1107	0.627104	0.903397	-1.07481	2.67453	0.918958	0.305717	1
cg21284844	NUSAP1;NUSAP1;NUSAP1;OIP5	0.0903525	0.241163	0.825084	-1.212	0.00963833	1.6982	1.6982	0.320569	1.1741	1.1741	0.288314	0.841543	-1.18829	0.7876069	1.04293	1.04293		0.204647	0.810583	-1.23368	0.949724	0.9902361	-1.00986	0.945289	1.20975	1.20975	0.09732	1.33276	1.33276	2.83552	1.07123	0.291584	1
cg12732151	GAUNT2	0.0903528	0.330372	0.619418	-1.4463	0.029995	0.675327	-1.4812	0.1943194	0.638485	-1.56621	0.339808	0.656676	-1.48539	0.0143123	0.329686	-3.03319		0.192082	0.602122	-1.66079	0.0156969	0.336884	-2.96836	0.240186	1.57114	1.57114	0.151754	0.568816	-1.75804	2.67453	5.71755	1.90018	1
cg12328082	TREM1	0.0903529	0.0440578	0.423994	-2.35853	0.0501529	0.436835	-2.28919	0.4448832	0.749112	-1.33491	0.0203668	0.0158358	2.82042	0.2921449	0.6607571	-1.49981		0.900692	0.14739	1.04739	0.473649	0.76317	-1.31032	0.504487	1.28554	1.28554	0.0247866	0.71119	-2.69404	2.67453	0.582595	0.19628	1
cg18739814	NFXL1	0.0903536	0.818626	1.16906	1.16906	0.805583	0.845612	-1.18258	0.455881	1.67604	1.67604	0.757661	1.23425	1.23425	0.370796	0.535287	-1.86815		0.640289	1.37719	1.37719	0.00222794	0.0543163	-18.4107	0.872246	1.11565	1.11565	0.465236	1.65763	1.65763	2.67452	19.588	6.51018	1
cg13635578	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.0903552	0.287275	0.641726	-1.5583	0.00212793	0.176723	-5.65857	0.702866	0.857384	-1.16634	0.768831	0.888409	-1.12561	0.844246	1.08217	1.08217		0.298156	0.648576	-1.54184	0.135484	0.524154	-1.90784	0.866004	1.07015	1.07015	0.216322	0.593125	-1.68599	2.6745	6.82742	2.26914	1
cg09062550	INSM1;INSM1	0.0903578	0.604815	0.817925	-1.22261	0.699847	1.16084	1.16084	0.527956	1.27913	1.27913	0.139619	0.542262	-1.84413	0.121618	1.90807	1.90807		0.540303	1.26957	1.26957	0.230528	0.6161441	-1.623	0.00917107	0.2797341	-3.57473	0.132325	0.535103	-1.8688	2.67446	6.27843	2.08671	1
cg25243775	FBLN1;FBLN1;FBLN1;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEI	0.0903579	0.0709209	0.349532	-2.86085	0.0163381	0.0633	-2.98138	0.0131414	0.595455	-1.67944	0.142374	0.0158525	-2.93985	0.0238016	0.4636503	-2.15626		0.0940619	0.980623	-1.01976	0.1682624	1.27108	1.27108	0.510163	0.8890612	-1.11531	0.5759661	1.0967	1.0967	2.67437	1.33819	0.375705	1
cg13800309	S2;MEI2	0.0903664	0.426193	1.56974	1.56974	0.519841	0.696249	-1.43628	0.99168	0.99423	-1.0058	0.759217	1.18603	1.18603	0.0926087	0.358057	-2.79285		0.0133482	0.182509	-5.47918	0.0341553	3.94243	3.94243	0.914392	1.06149	1.06149	0.438725	0.645127	-1.55008	2.67436	13.0445	4.33567	1
cg20019524	PALLD;PALLD;PALLD;PALLD	0.0903706	0.0245674	0.145016	-6.89577	0.128535	0.305988	-3.26811	0.3344206	0.487642	-2.05068	0.783449	0.819838	-1.21975	0.0312087	0.161545	-6.19022		0.662205	0.728346	-1.37297	0.0187853	0.128363	-7.7904	0.962198	1.03482	1.03482	0.0502107	0.199936	-5.00161	2.6743	22.0223	7.31979	1
cg20205704	SRI	0.0903709	0.0782086	0.387425	-2.58115	0.742127	1.17353	1.17353	0.759931	0.861974	-1.16013	0.161955	0.484961	-2.06202	0.0195548	0.25477	-3.92511		0.105622	0.424562	-2.35537	0.0374045	0.3310204	-3.22369	0.231295	1.83764	1.83764	0.217202	0.533022	-1.87609	2.6743	9.94728	3.30629	1
cg03141508	WHSC1L1;WHSC1L1	0.0903715	0.024935	0.343559	-2.90733	0.0154092	2.56565	2.56565	0.0876945	0.93553	1.05338	0.0908846	0.090445	1.50686	0.0010104	1.1068	1.1068		0.9566069	1.022	1.022	0.0674987	0.4088333	-2.44898	0.482225	0.7515525	1.33063	0.879653	1.06247	1.06247	2.67429	6.77458	2.25175	1
cg00947599	GNA12	0.0903759	0.175377	0.524908	-1.9051	0.110771	0.459708	-2.17529	0.932787	0.962976	-1.03845	0.397895	1.47276	1.47276	0.104506	0.452186	-2.21148		0.675524	1.20718	1.20718	0.350172	0.65044	-1.53742	0.0651185	0.252496	2.52496	0.0358808	0.97982	0.97982	2.67424	0.847253	2.81618	1
cg08278047	MYT1L	0.0903778	0.209371	2.215496	2.215496	0.0904394	3.78026	3.78026	0.0339742	0.440028	-2.27264	0.0729541	0.32414	3.2694	0.3160201	1.875795	1.875795		0.6423963	1.146116	1.646316	0.0002444	0.1983141	5.63714	0.0440302	3.9323	3.9323	0.0443168	0.406191	2.462491	2.67421	15.9399	5.342839	1
cg03678039	CYGB	0.0903784	0.0829432	0.19595	-5.10334	0.0994586	0.215884	-4.63212	0.1167	0.229442	-4.3584	0.383632	0.404739	-2.47073	0.0271001	0.108484	-9.21793		0.0582381	0.162505	-6.15366	0.0094488	0.0805473	-16.516	0.238212	0.503151	-1.85428	0.221441	0.335846	-2.97755	2.6742	30.5252	10.1464	1
cg04998419	RLF	0.090379	0.223832	2.54682	2.54682	0.735636	2.28133	2.28133	7	7	7	0.7763368	1.23162	1.23162	0.686541	1.34551	1.34551		0.0690079	0.225848	-4.42775	0.0046208	0.0745205	-13.3953	0.584836	0.667921	-1.49718	0.8293575	1.17102	1.17102	2.70527	20.3805	7.53363	1
cg03141609	CAPN1	0.0903819	0.05099	0.390106	-2.56403	0.0184754	0.85185	1.36185	0.101271	2.72376	2.72376	0.0926931	0.34323	3.44323	0.0884656	1.00737	1.00737		0.4585572	1.52173	1.52173	0.266645	1.90374	1.90374	0.0362857	1.8734	1.8734	0.084385	2.80214	2.80214	2.67416	1.3262	0.45647	1
cg21767373	DHRS7B	0.0903827	0.838173	0.872219	-1.1465	0.280814	2.11581	2.11581	0.209088	2.4234	2.4234	0.00598289	0.0905361	-11.0453	0.393557	1.7937	1.7937		0.307689	2.02573	2.02573	7	7	7	0.46278	1.64822	1.64822	0.984915	0.98744	-1.01272	2.70522	17.0219	6.29226	1
cg10199109	SCN5A;SCN5A;SLC30A5	0.0903854	0.115693	0.387083	-2.58411	0.0508217	0.92042	-1.08802	0.8537828	1.1544	1.1544	0.909653	1.10461	1.10461	0.4809007	1.11392	1.11392		0.188731	0.837049	-1.19477	0.0596905	0.7617523	-1.31276	0.576769	0.93907	-1.07043	0.9444284	1.34294	1.34294	2.67412	0.6910819	0.2296958	1
cg00275626	COL4A2	0.0903866	0.0821322	0.6991156	-1.4303	0.089937	1.45125	1.45125	0.108405	1.3846	1.3846	0.0188124	0.95895	-1.04281	0.186678	1.0770978	1.29705		0.294703	0.817148	-1.22377	0.0276455	1.62228	1.62228	0.776278	0.948542	-1.05425	0.77432	0.947984	1.05487	2.6741	1.46225	0.486061	1
cg13648088	ACAD5R;ACAD5R;IKZF5	0.0903873	0.192505	0.786893	-1.27082	0.248785	0.81102	-1.23301	0.198413	1.26637	1.26637	0.00880904	0.560174	-1.78516	0.598369	1.09676	1.09676		0.511782	0.890817	-1.12256	0.282003	0.822801	-1.21536	0.117809	1.34327	1.34327	0.877493	1.02716	1.02716	2.6741	1.27857	0.425007	1
cg24199050	GTSE1;CHCHD4;4	0.0903899	0.12541	1.3899	1.3899	0.0154092	2.56565	1.87768	0.287968	1.95043	1.95043	0.0763934	1.47712	0.299972	1.56485	1.75457	1.75457		0.437851	1.1493	1.1493	0.0274126	1.70132	1.65114	0.715177	0.885605	1.13063	0.0764726	1.15754	1.15754	2.67406	0.353244	0.17948	1
cg12654340	C5orf35	0.0903921	0.821228	1.06995	1.06995	0.189169	1.51519	1.51519	0.496889	1.22763	1.22763	0.584673	0.847988	-1.17926	0.2728673	0.685131	-1.45958		0.0218095	0.439398	-2.27584	0.147305	0.628423	-1.59128	0.0415542	0.21785	2.01785	0.487207	1.23476	1.23476	2.67404	3.77968	1.25642	1
cg20962383	MAF;MAF	0.0903979	7	1.4431	1.4431	0.0179751	0.92997	1.28691	0.1784785	1.15234	1.15234	0.64495	0.428846	1.62125	1.62125	1.62125	1.62125		0.6731085	1.2025	1.2025	0.1414105	0.4644001	1.56172	1.56172	0.1771623	2.38845	0.0139936	1.91882	1.91882	2.67357	1.03663	0.3855	1
cg02345747	LAMP3	0.0903981	0.0324354	3.99949	3.99949	0.0529251	3.3794	3.3794	0.138836	2.41563	2.41563	0.177016	2.21294	2.21294	0.0644305	3.15825	3.15825		0.673089	1.26479	1.26479	0.332788	1.73856	1.73856	0.0117886	3.70333	3.70333	0.0652669	2.14425	3.14425	2.67396	12.9771	4.31389	1
cg00785991	CLCA1	0.0903998	0.0423955	0.1996959	-5.00753	0.128373	0.320709	-3.09877	0.298368	0.457539	-2.16201	0.128022	0.321767	-3.10784	0.0210037	0.147572	-6.77636		0.118308	0.310781	-3.21771	0.0170407	0.1347	-7.42391	0.0691758	0.246288	-4.06029	0.134404	0.328765	-3.04169	2.6739	20.114	6.68644	1
cg06521025	RASAL1	0.0904012	0.846966	0.8809	-1.13516	0.6030146	1.07696	1.07696	0.0922828	0.8874	0.8874	0.1999	0.5944	1.68326	0.3317072	0.9977	0.9977		0.8406316	1.87796	1.87796	0.2771098	0.5324556	-1.1243	0.7276539	0.8138824	-1.22909	0.2123199	1.58584	1.58584	2.67392	1.22394	1.07353	1
cg09339834	RORA	0.0904065	0.372876	1.23344	1.23344	0.2626317	1.30717	1.30717	0.0376365	0.575189	-1.73856	0.59573	0.884438	-1.13066	0.346785	1.24881	1.24881		0.0700703	0.628468	-1.59117	0.029521	1.79996	1.79996	0.541532	1.15227	1.15227	0.642491	1.11317	1.11317	2.67386	2.22738	0.740464	1
cg20944021	DPF3	0.0904065	0.0442423	0.2183133	-4.58107	0.0390076	1.44912	0.5103832	0.0138533	0.36538	-2.74164	0.0172247	0.2724	-3.67133	0.0124116	0.2863634	-3.4921		0.2718854	0.688168	-1.45311	0.0151732	0.3884332	-2.57455	0.0170304	0.2766006	3.61506	0.0135454	0.2988362	-3.34646	2.6738	0.979258	0.37585	1
cg20808089	NEDD9	0.0904075	0.928086	1.02538	1.02538	0.1551191	0.43662	-2.29032	0.0125683	0.422472	-2.36702	0.519973	0.831458	-1.19884	0.1468	0.834042	0.94342	-1.05997	0.111672	0.618202	-1.61759	0.85783	0.951441	-1.05104	0.5544558	0.612096	-1.63373	0.7076184	0.580137	1.72373	0.67384	1.26349	1.08491	1
cg09768654	SRPK1;SRPK1;SRPK1	0.0904091	0.0357221	0.331956	-3.01245	0.0329146	0.324408	-3.08254	0.440083	0.700982	-1.42657	0.255871	1.70774	1.70774	0.9235	0.957588	-1.04429		0.0983057	0.441269	-2.26619	0.0746007	0.408127	-2.45022	0.72268	1.17443	1.17443	0.0590191	0.382125	-2.61694	2.67382	8.62156	2.86616	1
cg06532346	BUDC1S1;BUDC1S1	0.0904101	7	1.83499	1.83499	0.0154092	2.56565	2.56565	0.0876945	0.93553	1.05338	0.0908846	0.090445	1.50686	0.0010104	1.1068	1.1068		0.9566069	1.022	1.022	0.0674987	0.4088333	-2.44898	0.482225	0.7515525	1.33063	0.879653	1.06247	1.06247	2.67382	6.77458	2.25175	1
cg16099036	SOX13;SOX13	0.0904129	0.617748	1.12254	1.12254	0.208203	0.735685	-1.35928	0.934549	0.981328	-1.01903	0.244593	1.34793	1.32479	0.151372	0.699992	-1.42859		0.825913	1.05186	1.05186	0.9606	0.968728	-1.0114	0.5054721	0.237753	2.37753	0.188526	1.38065	1.38065	2.67366	2.32872	0.634926	1
cg23725013	KCNAB1;KCNAB1;KCNAB1	0.0904158	0.655313	1.14833	1.14833	0.4060346	1.07696	1.44855	0.0211351	1.38185	1.38185	0.0610271	0.84223	0.0690763	0.8896111	0.980961	0.980961		0.2709904	1.70065	1.70065	0.1442677	0.5884466	1.12079	1.12079	0.4662353	1.1603571	0.601374	0.5825663	0.9703004	-1.02876	0.5737474	2.67366	0.97204	0.2294164	1
cg04777824	ACACB	0.0904163	0.0389705	0.264898	-3.77503	0.106861	0.375866	-2.66052	0.0720078	0.327494	-3.05349	0.583932	0.591534	-1.69052	0.0518584	0.292358	3.42046		0.072443	0.328179	-3.04712	0.0153026	0.191087	-5.23322	0.180705	0.453825	-2.20349	0.0603431	0.308064	-3.24607	0.67373	13.0838	4.34974	1
cg21740826	PIAS4	0.090417	0.639075	1.20226	1.20226	0.0106323	3.47322	3.47322	0.0373226	2.55166	2.55166	0.717519	1.15122	1.15122	0.152156	0.515355	-1.94041		0.313247	0.667451	-1.49824	0.759293	1.12651	1.12651	0.315586	1.49512	1.49512	0.919301	0.961481	-1.04006	0.673782	0.36213	2.11511	1
cg18774642	KLHL14	0.0904175	0.1132247	1.3499	1.3499	0.0154092	2.56565	1.87768	0.287968	1.95043	1.95043	0.0763934	1.47712	0.299972	1.56485	1.75457	1.75457		0.437851	1.1493	1.1493	0.0274126	1.70132	1.65114	0.715177	0.885605	1.13063	0.0764726	1.15754	1.15754	2.67406	0.353244	0.17948	1
cg11364645	RPL24	0.0904187	0.143874	1.27599	1.27599	0.0575458	0.716513	-1.39565	0.326361	0.854466	-1.17032	0.94587	0.990234	-1.00986	0.0109515	0.64146	1.64146		0.343316	0.859397	-1.16361	0.415044	1.13804	1.13804	0.606589	1.08396	1.08396	0.483436	1.11688	1.11688	2.6737	1.02014	0.33915	1
cg08624871	DUSP22	0.0904241	0.1133599	1.30908	1.30908	0.0154092	2.56565	1.87768	0.287968	1.95043	1.95043	0.0763934	1.47712	0.299972	1.56485	1.75457	1.75457		0.437851	1.1493	1.1493	0.0274126	1.70132	1.65114	0.715177	0.885605	1.13063	0.0764726	1.15754	1.15754	2.67406	0.353244	0.17948	1
cg08929303	PFKFB2;PFKFB2	0.0904215	0.704997	0.801893	-1.24705	0.933028	1.05	1.05	0.39438	0.602674	-1.65927	0.021389	0.491544	0.31044	0.3222	0.558252	-1.7913		0.762757	0.83884	-1.19212	0.242397	0.4915555	-2.03436	0.0127428	0.628458	0.203918	0.803396	0.08094	1.08094	2.67367	14.2679	4.74352	1
cg07353733	HIF3A	0.0904222	0.0678007	0.244618	-2.64148	0.0499207	1.1001	1.1001	0.301786	0.72594	-1.37753	0.074799	0.254052	2.545061	0.485642	1.104907	1.104907		0.140071	2.10826	2.10826	0.00564768	0.459373	4.65979	0.0821373	2.47163	2.47163	0.104855	2.29953	2.29953	2.67366	9.34692	3.07749	1
cg20991085	NCRNA00028	0.0904267	0.220016	0.378798	-2.63993	0.6224452	1.45293	1.45293	0.604787	1.44841	1.44841	0.560236	1.55796	1.55796	0.6863233	1.55746	1.55746		0.0332043	1.4535514	-6.54408	0.00774132	0.0761646	-13.1295	0.501154	1.67188	1.67188	0.656613	1.4005	1.4005	2.6736	23.9934	7.97704	1
cg22843625	C19orf63;FAM71E1;FAM71E1;C19orf63 C19orf63;C19orf63	0.0904272	0.220468	1.2695	1.2695	0.91643	0.980745	-1.01963	0.689688	0.928352	-1.07718	0.018734	0.586583	-1.70479	0.798907	0.953813	-1.04842		0.562839	0.8973	-1.11445	0.008474	0.53658	-1.86365	0.575648	1.11044	1.11044	0.972278	1.00646	1.00646	2.6736	1.4529	0.483043	1
cg23867085	FOXH;FOXH;FOXH	0.090428	0.161339	1.56955	1.56955	0.422322	1.28019	1.28019	0.348578	0.747645	-1.33753	0.593327	0.850062	-1.17639	0.170187	0.643876	-1.55309		0.0172918	2.39609	2.39609	0.45493	1.25781	1.25781	0.850483	1.05852	1.05852	0.0262592	2.21318	2.21318	2.67359	3.84578	1.27861	1
cg24635440	FAM54A;FAM54A	0.0904287	0.991626	1.00197	1.00197	0.626529	0.912213	-1.09623	0.419254	0.856733	-1.16712	0.096023	0.209987	1.464848	0.0139476	1.07483	1.07483		0.131554	0.828867	-1.20647	0.0020439	0.4405952	-2.27002	0.0187403	0.2779516	-3.59837	0.0129948	-1.06441	0.9398758	1.48644	0.944199	1
cg20936878	RPH3AL	0.0904295	0.938213	1.03147	1.03147	0.926914	0.963992	-1.03735	0.265389	0.629596	-1.59832	0.652716	0.411821	-2.42824	0.00667708	0.244959	-4.08232		0.269184	1.58402	1.58402	0.366846	1.44854	1.44854	0.253568	0.620898	-1.61057	0.419189	0.718497	-1.39088	2.67357	6.76545	2.24933	1
cg15460330	D2;ADAM9;TM2D2	0.0904322	0.00726898	0.524515	-1.90652	0.56107	1.11576	1.11576	0.723529	0.93595	-1.06843	0.692631	1.07685	1.07685	0.129885	0.737195	-1.35649		0.0255312	0.60844	-1.63977	0.739017	1.06429	1.06429	0.817287	0.957787	-1.04407	0.6219703	1.09202	1.09202	2.67354	1.47067	0.488963	1
cg12894994	PMM7	0.0904323	0.527888	1.17645	1.17645	0.337591	0.764159	-1.30819	0.0760296	0.842162	-1.18693	0.0946	0.294642	2.09462	0.414564	1.332181	1.332181		0.142182	0.80555	-1.24116	0.180535	1.120203	1.120203	0.3841	0.858383	1.164825	0.0196451	1.383443	1.383443	2.67353	0.9975	1.57408	1
cg03867377	EPHB3	0.0904332	0.0974947	0.722495	-1.38409	0.229973	0.797315	-1.25421	0.261733	0.810204	-1.23426	0.876774	0.97248	-1.0283	0.0444008	0.660203	1.51469		0.0095181	0.553958	-1.80519	0.485287	1.13601	1.13601	0.688099	0.929999	-1.07527	0.0451165	0.661383	-1.51198	2.67352	1.36941	0.4553	1
cg07945148	CYTSA;CYTSA	0.0904333	0.0216021	0.6382554	-1.56677	0.114877	1.32188	1.32188	0.612747	1.08862	-1.08862	0.758197	0.950983	-1.05154	0.148953	1.2865	1.2865		0.123748	1.31712	1.31172	0.825511	0.965511	-1.03572	0.123735	0.762335	-1.31173	0.227002	1.2293	1.2293	2.67352	1.12173	0.372953	1
cg13485230	RAB31	0.0904336	0.0553077	0.4172	-2.39714	0.0924228	0.124	-4.04735	0.0162757	0.274439	-3.64407	0.0507788	0.175239	-3.39757	0.0039147	0.4094478	-2.4213		0.2072698	0.515696	-1.9395	0.0031037	0.1984496	-5.03972	0.0124252	-2.42511	0.0213305	0.159713	0.3241464	0.97352	1.40181	0.54771	1
cg15396653	NR2;NR2;NR2;NR2	0.0904339	0.358749	0.796039	-1.25622	0.709856	1.09454	1.09454	0.594812	1.13855	1.13855	0.95775	1.01289	1.01289	0.48892	0.843722	-1.18522		0.558282	0.866668	-1.15384	0.00381828	0.389529	-2.56721	0.0538852	0.589181	-1.69727	0.130112	0.673544	-1.48468	2.67351	2.47397	0.822543	1
cg04383709	ANG;RNASE4	0.0904347	0.0482819	0.334679	-2.98979	0.0843262	0.9945	-1.00553	0.4823871	0.817993	-1.2225	0.0232221	0.4993731	-2.00255	0.1152522	0.6868995	1.50686		0.8710281	1.04678	1.04678	0.0995615	1.115531	1.115531	0.3530278	0.83037	-1.20378	0.2420636	0.7079317	-1.41126	2.6735	3.35248	1.11463	1
cg00386408	TGFBI	0.0904356	0.0263424	0.64935	0.24935	0.0757812	11.088	11.088	0.23025	4.62847	4.62847	0.116024	7.99964	7.99964	0.1439043	8.64511	8.64511		0.0559327	3.95676	3.95676	0.0569163	13.7748	13.7748	0.0230662	27.3305	27.3305	0.0778087	10.8676	10.8676	2.67349	62.7457	20.8618	1
cg10943524	HPSE2;HPSE2;HPSE2;HPSE2	0.0904357	0.324649	1.34101	1.34101	0.0819418	0.573478	-1.74375	0.0284875	0.474382	-2.10801	0.493258	1.22228	1.22228	0.359162	0.761865	-1.31257		0.6243222	1.15302	1.15302	0.514626	1.21001	1.21001	0.140338	0.632792	-1.5803	0.0265489	0.468386	-2.13499	2.67349	3.52365	1.17155	1
cg22711797	WDR19	0.0904359	0.108091	0.4293	-2.32952	0.0264388	1.45111	1.45111	0.0927407	1.19234	1.19234	0.0146064	0.19139	5.22211	0.0144606	0.2313366	-4.32257		0.0968685	1.44985	1.44985	0.365769	1.20853	1.20853	0.337138	0.817335	-1.22349	0.974001	1.00643	1.00643	2.67349	1.75916	0.584889	1
cg20948740	DNMT3A;DNMT3A;DNMT3A	0.090439	0.0591211	0.407453	-2.45427	0.0101835	0.255327	-3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg05003908	LOC100130274	0.0905455	0.143519	1.40544	1.40544	0.885103	1.0318	1.0318	0.042193	1.65994	1.65994	0.146116	1.40191	1.40191	0.0226778	1.80528	1.80528
cg13823205	STAM2	0.0905481	?	?	?	0.199256	0.51315	-1.94875	0.253996	1.79476	1.79476	0.884683	0.931656	-1.07336	0.235702	0.543081	-1.84135
cg06912297	FLJ45079	0.0905493	0.0415584	0.218164	-4.5837	0.0211988	0.166113	-6.01998	0.0650476	0.261277	-3.82736	0.411254	0.580204	-1.72353	0.0169295	0.151471	-6.60192
cg27500983	EPB41L1	0.0905513	0.0236069	0.700288	-1.42798	0.208026	1.19121	1.19121	0.19384	1.19866	1.19866	0.0231664	1.43021	1.43021	0.457265	0.905035	-1.10493
cg15336686	KIF1A	0.0905523	0.192567	0.722238	-1.38459	0.332229	1.2662	1.2662	0.0737829	1.6004	1.6004	0.983996	1.00474	1.00474	0.838545	1.04931	1.04931
cg26841040	GUK1;GUK1;GUK1	0.0905537	0.145392	0.407163	-2.45602	0.185066	2.24292	2.24292	0.0532673	3.53226	3.53226	0.988775	1.00812	1.00812	0.0289859	0.227758	-4.39063
cg04456029	DTX1	0.0905538	0.230677	2.26763	2.26763	0.0580776	4.03391	4.03391	0.0618092	3.9335	3.9335	0.340024	1.89698	1.89698	0.0666852	0.26217	-3.81432
cg17153082	ProSAPiP1	0.0905568	0.853076	0.913346	-1.09488	0.00568713	5.89064	5.89064	0.0739883	2.64743	2.64743	0.20545	1.9215	1.9215	0.197155	0.513449	-1.94761
cg20332143	MED21	0.0905586	0.619623	1.10474	1.10474	0.0222937	0.579724	-1.72496	0.01168	0.534043	-1.87251	0.844118	1.03997	1.03997	0.284221	0.801356	-1.24788
cg17833578	LRIT1	0.0905596	0.02323	0.356829	-2.80247	0.850872	0.931006	-1.07411	0.404873	0.723453	-1.38226	0.124166	0.531314	-1.88212	0.0643461	0.454106	-2.20213
cg07979579	C13orf1;C13orf1;C13orf1	0.0905609	0.685933	1.12136	1.12136	0.708103	0.899448	-1.11179	0.53438	1.19399	1.19399	0.0122836	0.41532	-2.40778	0.376327	1.2915	1.2915
cg19659642	CD9	0.0905615	0.608077	1.27082	1.27082	0.410561	1.47684	1.47684	0.282417	0.595985	-1.67789	0.211904	1.83914	1.83914	0.804208	0.891288	-1.12197
cg01941895	VSX1;VSX1	0.0905641	0.294535	1.87168	1.87168	0.121746	2.63056	2.63056	0.00692	7.50269	7.50269	0.521074	1.45502	1.45502	0.391144	1.65964	1.65964
cg11502800	ZNF146;ZNF146;ZNF146;ZNF146;ZNF565;ZNF146;ZNF565;ZNF146	0.0905644	0.351736	0.769802	-1.29904	0.201911	1.44463	1.44463	0.178162	1.47781	1.47781	0.00548252	0.369003	-2.71	0.398776	1.26597	1.26597
cg12616710	MCC	0.0905671	0.0359424	0.441276	-2.26616	0.0748182	1.94501	1.94501	0.286575	1.4492	1.4492	0.137042	1.7108	1.7108	0.694203	0.875927	-1.14165
cg18484299	GORASP2	0.090568	0.526289	0.815059	-1.22691	0.535633	0.818912	-1.22113	0.0153342	2.58014	2.58014	0.418529	1.30118	1.30118	0.223835	0.665646	-1.5023
cg07692540	OXSR1	0.0905704	0.702904	1.09385	1.09385	0.216744	0.737667	-1.35563	0.238075	0.74879	-1.33549	0.111955	1.49958	1.49958	0.00726531	0.444587	-2.24928
cg15314890	BCOR;BCOR	0.0905707	0.0712463	0.19836	-5.04135	0.586815	1.55358	1.55358	0.605316	1.51974	1.51974	0.660537	1.42592	1.42592	0.0744626	0.202795	-4.93108
cg13571852	FAM178B	0.090574	0.623519	0.927495	-1.07817	0.703872	0.943558	-1.05982	0.341412	0.861448	-1.16084	0.228243	1.21215	1.21215	0.74427	0.951423	-1.05106
cg25649781	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.0905748	0.460281	0.742158	-1.34742	0.118098	0.510133	-1.96027	0.0118616	0.287658	-3.47635	0.0685295	0.445382	-2.24527	0.251197	1.60888	1.60888
cg04304338	ANKRD33B	0.0905756	0.677601	1.18604	1.18604	0.535641	0.774146	-1.29175	0.201014	0.576295	-1.73522	0.333874	0.665801	-1.50195	0.0328191	0.360972	-2.7703
cg09811943	STARD3NL	0.0905761	0.325618	0.89188	-1.12123	0.00879465	1.45663	1.45663	0.795739	1.02968	1.02968	0.38976	0.905419	-1.10446	0.10002	1.22529	1.22529
cg00399483	DCC	0.0905784	0.543825	0.900093	-1.111	0.874507	0.973287	-1.02745	0.00614282	1.84495	1.84495	0.207296	0.796276	-1.25585	0.401037	0.863077	-1.15865
cg01963061	FUT8;FUT8;FUT8;FUT8;FUT8;FUT8;LOC645431	0.0905847	0.0518759	1.59553	1.59553	0.628485	0.902151	-1.10846	0.22695	1.30723	1.30723	0.239875	1.29681	1.29681	0.463571	0.85422	-1.17066
cg04394902	APPBP2	0.090586	0.387128	0.872028	-1.14675	0.00305377	0.534333	-1.87149	0.758884	0.953556	-1.04871	0.556587	1.0962	1.0962	0.935706	1.01254	1.01254
cg24265747	RIMS3;RIMS3	0.0905874	0.959369	0.984756	-1.01548	0.0059725	0.33834	-2.95561	0.613639	0.857691	-1.16592	0.575087	0.843008	-1.18623	0.926955	1.02803	1.02803
cg14058711	POLR3B;POLR3B	0.090589	0.926289	1.01103	1.01103	0.0198026	0.71636	-1.39595	0.266697	1.14705	1.14705	0.426875	1.10096	1.10096	0.328567	1.12699	1.12699
cg02530824	PF4	0.0905892	0.107859	0.356838	-2.80239	0.742576	0.824007	-1.21358	0.196711	0.448581	-2.22925	0.642267	0.759754	-1.31621	0.0184171	0.186468	-5.36285
cg18704527	ARVCF	0.0905899	0.024124	0.146598	-6.82139	0.117737	0.297325	-3.36332	0.663898	1.36638	1.36638	0.0774526	0.246268	-4.06062	0.0109234	0.102195	-9.78526
cg13232011	FAM65B;FAM65B	0.09059	0.116802	1.49792	1.49792	0.485601	0.845325	-1.18298	0.363128	0.801197	-1.24813	0.693984	0.910486	-1.09831	0.264498	0.758963	-1.31759
cg23809118	BCO2;BCO2	0.0905904	0.216623	0.775077	-1.29019	0.19668	1.30671	1.30671	0.90882	1.02271	1.02271	0.0148018	0.555618	-1.7998	0.0465555	0.639735	-1.56315
cg07161146	PRKAG2	0.0905937	0.763141	1.28233	1.28233	0.448373	0.529555	-1.88838	0.340227	0.445429	-2.24503	0.438249	0.521755	-1.91661	0.00566215	0.0504471	-19.8227
cg03532483	HS3ST2	0.0905948	0.730279	1.15539	1.15539	0.0137768	0.280635	-3.56334	0.0710512	0.431018	-2.32009	0.546045	1.29044	1.29044	0.0915945	0.460577	-2.17119
cg26081762	TRRAP	0.0905969	0.0199332	0.307431	-3.25277	0.213958	0.577326	-1.73212	0.192806	0.560651	-1.78364	0.0671533	0.422577	-2.36643	0.0161566	0.290696	-3.44002
cg05982504	IGFALS;IGFALS;IGFALS	0.0905974	0.022206	0.283726	-3.52453	0.486097	0.722361	-1.38435	0.221749	0.554231	-1.8043	0.537306	0.750477	-1.33249	0.0534038	0.36484	-2.74093
cg06295404	SOCS1	0.0905994	0.16768	1.94803	1.94803	0.177598	1.91493	1.91493	0.0443739	2.84932	2.84932	0.766311	1.14471	1.14471	0.0690213	0.397487	-2.5158
cg09932345	NADK	0.0906001	0.298279	0.722395	-1.38428	0.396669	1.29924	1.29924	0.0344726	2.10394	2.10394	0.0774352	1.80763	1.80763	0.456282	0.795457	-1.25714
cg16275722	LOC349196	0.0906012	0.0802106	0.461507	-2.16682	0.839571	0.922417	-1.08411	0.021797	0.33392	-2.99473	0.629275	1.21385	1.21385	0.20252	0.585057	-1.70923
cg00262054	MYO18A;MYO18A	0.0906026	0.0559339	0.513407	-1.94777	0.188288	1.53604	1.53604	0.6265	0.859852	-1.16299	0.430058	1.28144	1.28144	0.422701	1.28677	1.28677
cg25123211	BTRC;BTRC	0.090605	0.525541	1.13224	1.13224	0.198503	1.29998	1.29998	0.0409901	1.57669	1.57669	0.613832	0.906435	-1.10322	0.882512	1.02896	1.02896
cg27363226	KHSRP	0.0906061	0.303695	0.623789	-1.60311	0.309127	1.59409	1.59409	0.0771677	2.3882	2.3882	0.690812	0.83768	-1.19377	0.0928611	2.26855	2.26855
cg06827361	CDKN1A;CDKN1A	0.0906066	0.0127152	0.286291	-3.49295	0.783286	0.894608	-1.11781	0.0720251	0.444344	-2.25051	0.880179	1.06283	1.06283	0.0283145	0.351417	-2.84562
cg19895047	CSGALNACT1;CSGALNACT1;CSGALNACT1	0.0906068	0.178299	1.48482	1.48482	0.102925	0.610714	-1.63743	0.101672	1.64093	1.64093	0.0177116	2.21935	2.21935	0.808666	1.06935	1.06935
cg10472067	DSN1;DSN1;DSN1;DSN1;DSN1	0.0906072	0.0512574	0.13924	-7.18183	0.0119011	16.9624	16.9624	0.427122	2.02967	2.02967	0.204607	3.23685	3.23685	0.4764	1.88091	1.88091
cg01719268	PAPD5;PAPD5	0.0906091	0.0529325	0.457808	-2.18432	0.786944	0.908259	-1.10101	0.181134	0.603938	-1.6558	0.160018	1.70438	1.70438	0.0391826	0.428418	-2.33417
cg03632357	PWWP2A	0.0906098	0.761914	0.931052	-1.07405	0.314538	0.783077	-1.27701	0.916965	1.02482	1.02482	0.351941	1.25259	1.25259	0.00705668	0.441013	-2.26751
cg16888730	PARK2;PARK2;PARK2	0.0906104	0.606451	1.1036	1.1036	0.0146568	0.565484	-1.7684	0.129818	0.733124	-1.36403	0.815444	0.956614	-1.04535	0.435705	1.16284	1.16284
cg03585389	DIP2C	0.0906116	0.277491	2.27036	2.27036	0.0138725	9.0908	9.0908	0.149929	3.06677	3.06677	0.514481	1.61595	1.61595	0.226144	2.51611	2.51611
cg03817671	EFEMP1;EFEMP1;EFEMP1	0.0906116	0.127717	1.49994	1.49994	0.57888	1.148	1.148	0.962347	1.01169	1.01169	0.159058	0.690376	-1.44849	0.06848	1.65217	1.65217
cg12277524	PDE4B;PDE4B	0.0906118	0.356859	0.599936	-1.66684	0.202695	2.06498	2.06498	0.918655	1.05662	1.05662	0.74838	0.840694	-1.18949	0.0434322	0.285866	-3.49814
cg24104241	ACTA1	0.090612	0.152092	8.46761	8.46761	0.0227057	44.5891	44.5891	0.0936058	13.0333	13.0333	0.171774	7.58014	7.58014	0.334139	0.249828	-4.00275
cg00362285	ERO1LB	0.0906125	0.566741	0.774117	-1.29179	0.075574	0.417021	-2.39796	0.199128	0.548864	-1.82195	0.456762	0.715261	-1.39809	0.137301	0.492809	-2.02919
cg00240860	KIAA0430	0.0906169	0.875633	0.928405	-1.07712	0.0176368	0.254278	-3.9327	0.321027	0.614898	-1.62628	0.307342	0.605796	-1.65072	0.0222109	0.272485	-3.66993
cg21573947	MAGI1;MAGI1;MAGI1	0.0906172	0.628152	1.18966	1.18966	0.120554	0.549284	-1.82055	0.109224	0.537154	-1.86167	0.309533	1.45383	1.45383	0.774654	0.902903	-1.10754
cg19877209	MYADML2	0.0906189	0.122561	0.33677	-2.96939	0.106831	0.318172	-3.14296	0.015829	0.146221	-6.83897	0.818628	0.861223	-1.16114	0.012604	0.132962	-7.52094
cg16189160	PPP2R3A	0.0906203	0.971304	0.981208	-1.01915	0.0527315	3.19403	3.19403	0.0627006	3.01783	3.01783	0.642026	1.28004	1.28004	0.0121075	0.192132	-5.20475
cg21207320	TTF1	0.0906214	0.0630575	0.168432	-5.9371	0.533512	1.71126	1.71126	0.399082	2.0864	2.0864	0.171673	0.289499	-3.45424	0.108821	0.225406	-4.43645
cg20760676	C3orf26;FILIP1L;FILIP1L	0.0906214	0.992151	0.997782	-1.00222	0.10536	0.670672	-1.49104	0.462053	0.844478	-1.18416	0.709118	0.918876	-1.08829	0.197211	0.735074	-1.36041
cg18032744	SPRY2	0.0906217	0.893426	1.10212	1.10212	0.684502	1.34494	1.34494	0.0475199	5.17742	5.17742	0.423212	0.552446	-1.81013	0.961097	0.965234	-1.03602
cg05570735	SPRY1	0.0906233	0.455294	0.90522	-1.1047	0.137753	0.811162	-1.2328	0.221453	0.84511	-1.18328	0.52407	0.918933	-1.08822	0.0088471	1.54707	1.54707
cg15839431	YJEFN3	0.0906245	0.953294	1.02577	1.02577	0.473906	0.728789	-1.37214	0.0587393	2.52793	2.52793	0.287875	1.61495	1.61495	0.795502	0.893312	-1.11943
cg02387679	IQGAP2	0.0906247	0.113154	0.357919	-2.79392	0.150606	0.399273	-2.50455	0.773269	1.18785	1.18785	0.835966	1.13151	1.13151	0.0121406	6.44295	6.44295
cg26320895	PNCK;PNCK	0.0906282	0.0108763	0.187273	-5.3398	0.0173211	0.220732	-4.53039	0.202616	0.50406	-1.98389	0.880199	1.07916	1.07916	0.036496	0.284465	-3.51537
cg23359895	IDI1	0.0906305	0.685992	1.05833	1.05833	0.63597	1.06877	1.06877	0.814129	0.967685	-1.03339	0.0349469	0.70979	-1.40887	0.486005	0.905983	-1.10377
cg22870092	AFAP1;AFAP1	0.0906323	0.0838609	0.291925	-3.42554	0.311321	0.509571	-1.96243	0.175048	0.395221	-2.53023	0.654593	1.33621	1.33621	0.00739823	0.108503	-9.21631
cg08195842	IL17D	0.090634	0.805214	0.966419	-1.03475	0.348172	1.14285	1.14285	0.0215492	1.46462	1.46462	0.434361	0.895589	-1.11658	0.540642	1.0894	1.0894
cg04750593	METAP1	0.0906348	0.290404	0.831192	-1.20309	0.0835536	1.38092	1.38092	0.0801826	1.38693	1.38693	0.550905	0.903318	-1.10703	0.290314	1.20314	1.20314
cg03946671	TCEA2;TCEA2	0.0906367	0.139422	0.488021	-2.04909	0.493681	0.730872	-1.36823	0.155996	0.504305	-1.98293	0.0296381	3.17349	3.17349	0.230765	0.567207	-1.76302
cg05129258	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.0906377	0.0197587	0.566874	-1.76406	0.142867	1.37374	1.37374	0.449283	1.1682	1.1682	0.262475	0.790108	-1.26565	0.831933	1.04378	1.04378
cg18777311	PPP4R2	0.0906386	0.632652	0.836574	-1.19535	0.0919663	0.502895	-1.98849	0.152715	0.566937	-1.76386	0.746233	0.886642	-1.12785	0.00536689	0.25704	-3.89045
cg08220084	HAUS4;HAUS4;HAUS4	0.0906395	0.0310954	0.471152	-2.12246	0.255733	1.42314	1.42314	0.418372	1.27882	1.27882	0.149061	1.58438	1.58438	0.159643	0.639594	-1.56349
cg16909293	GNG12	0.0906418	0.0668982	0.398933	-2.50669	0.185529	0.533624	-1.87398	0.0833827	0.424248	-2.35711	0.995259	0.997345	-1.00266	0.00355001	0.170716	-5.85767
cg05785724	LAYN	0.090643	0.702081	1.17111	1.17111	0.200497	0.573655	-1.74321	0.607543	0.808234	-1.23727	0.782329	1.12056	1.12056	0.00523775	0.220107	-4.54325
cg03657549	METTL2B;METTL2B	0.090643	0.464752	0.922719	-1.08375	0.095472	1.21896	1.21896	0.50619	0.929679	-1.07564	0.287506	0.887469	-1.1268	0.610934	0.946047	-1.05703
cg25661769	LOC401052	0.0906432	0.0341898	0.480703	-2.08029	0.0404819	0.49591	-2.0165	0.657114	0.87597	-1.14159	0.149546	1.58093	1.58093	0.0232363	0.44749	-2.23469
cg01215442	GDF1;LASS1	0.0906438	0.425855	1.17328	1.17328	0.237336	1.27544	1.27544	0.105849	1.41503	1.41503	0.730511	0.934304	-1.07032	0.688	0.923731	-1.08257
cg02707176	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB7;PCDHGB6;PCDHGB3;PCDHGA6;PCDHGA8;PCDHGA10;PCDHGA	0.0906446	0.0275152	13.197	13.197	0.526902	1.88611	1.88611	0.246423	3.31891	3.31891	0.847243	1.21031	1.21031	0.115505	5.438	5.438
cg06891548	GGPS1;ARID4B;GGPS1;GGPS1;ARID4B	0.0906468	0.123198	0.38505	-2.59706	0.175101	2.28002	2.28002	0.48275	1.50335	1.50335	0.0182869	0.194594	-5.13889	0.0624899	0.301739	-3.31412
cg09121478	SLC2A7	0.0906477	0.201381	0.801851	-1.24711	0.94569	1.01121	1.01121	0.531108	0.90137	-1.10942	0.871682	1.02681	1.02681	0.475291	0.887966	-1.12617
cg08130814	MCPH1	0.0906517	0.182844	2.18849	2.18849	0.263033	1.90893	1.90893	0.122743	0.395906	-2.52585	0.155882	2.31921	2.31921	0.87392	0.915771	-1.09198
cg19404582	GRIN1;GRIN1;GRIN1	0.0906536	0.698778	0.892477	-1.12048	0.101832	1.6886	1.6886	0.1414	1.58825	1.58825	0.817854	0.934741	-1.06982	0.0958031	0.585575	-1.70772
cg03604796	WDR91	0.0906551	0.119343	0.65557	-1.52539	0.650848	1.12055	1.12055	0.171269	1.43894	1.43894	0.116298	0.652879	-1.53168	0.238049	0.734363	-1.36173
cg10318825	POR	0.0906568	0.686467	0.886738	-1.12773	0.00666103	0.352424	-2.83749	0.041362	0.498095	-2.00765	0.490367	0.812585	-1.23064	0.126229	0.612587	-1.63242
cg07142859	ORC1L;PRPF38A;PRPF38A	0.0906569	0.42275	1.46761	1.46761	0.130212	2.18523	2.18523	0.22739	1.82152	1.82152	0.168706	2.00944	2.00944	0.348444	1.5739	1.5739
cg18783792	TNK2;TNK2	0.0906571	0.551528	1.37418	1.37418	0.166212	0.458894	-2.17915	0.153389	0.446381	-2.24024	0.107309	2.52796	2.52796	0.510812	0.703342	-1.42178
cg07470396	TSEN34;TSEN34	0.0906577	0.680824	1.13841	1.13841	0.00408468	0.298841	-3.34626	0.35515	1.34733	1.34733	0.203564	1.52291	1.52291	0.494014	0.804375	-1.2432
cg09217565	FKBP3;FANCM	0.0906595	0.513029	1.11978	1.11978	0.524609	1.11623	1.11623	0.00735723	1.80239	1.80239	0.844094	0.966979	-1.03415	0.399131	1.1586	1.1586
cg12402555	CROCC	0.090661	0.0711604	0.339577	-2.94484	0.69367	1.2363	1.2363	0.925313	1.05153	1.05153	0.182568	0.468618	-2.13394	0.0228131	0.232273	-4.30528
ch.9.1352789F	FAM120A	0.090663	0.0227629	0.39209	-2.55043	0.0149447	0.357754	-2.79521	0.0178246	0.371822	-2.68946	0.137582	0.577373	-1.73198	0.130115	0.570304	-1.75345
cg10343787	PLLP	0.0906655	0.072421	0.613537	-1.62989	0.100522	0.645061	-1.55024	0.0749309	0.616724	-1.62147	0.182721	0.708524	-1.41138	0.0084759	0.440891	-2.26813
cg02460344	ZNF37A;ZNF37A	0.0906675	0.0403369	0.285398	-3.50388	0.894108	0.931924	-1.07305	0.82608	0.890027	-1.12356	0.400493	0.634061	-1.57714	0.0362265	0.275478	-3.63006
cg22111074	BSN	0.0906681	0.0267026	0.31948	-3.13008	0.768677	0.879703	-1.13675	0.0394375	0.355087	-2.81621	0.487694	1.35855	1.35855	0.0387994	0.353525	-2.82865
cg01568335	COX5B	0.0906682	0.0314465	0.538356	-1.85751	0.783182	1.07003	1.07003	0.0494193	1.7337	1.7337	0.242186	1.35037	1.35037	0.464123	1.20063	1.20063
cg07262395	MXI1	0.0906684	0.498498	0.668146	-1.49668	0.101893	2.85986	2.85986	0.208832	2.17602	2.17602	0.0771111	0.315541	-3.16916	0.812177	1.14993	1.14993
cg14202937	AMPD2;AMPD2;AMPD2	0.0906685	0.730511	1.17759	1.17759	0.0180423	3.88862	3.88862	0.0443618	2.97957	2.97957	0.688134	1.21017	1.21017	0.218465	0.542295	-1.84402
cg10769535	DNM3;DNM3;MIR199A2	0.0906699	0.114275	0.332399	-3.00843	0.0294808	0.193253	-5.17457	0.0685805	0.270602	-3.69546	0.59157	1.41522	1.41522	0.0103084	0.125874	-7.94447
cg17107724	TADA1	0.0906726	0.0274903	0.570936	-1.75151	0.233332	1.30815	1.30815	0.234523	1.30717	1.30717	0.116081	1.44357	1.44357	0.288201	0.788978	-1.26746
cg10922622	FSD1L;FSD1L;FSD1L	0.0906743	0.0477185	0.83531	-1.19716	0.0327822	0.819956	-1.21958	0.681199	1.03338	1.03338	0.918788	0.991927	-1.00814	0.0307105	0.817307	-1.22353
cg20734219	PPP2R2B;PPP2R2B	0.0906747	0.707688	0.875729	-1.14191	0.207863	0.62636	-1.59653	0.170292	1.67279	1.67279	0.922026	1.03509	1.03509	0.312881	1.44447	1.44447
cg24372325	UBA52;UBA52	0.090675	0.529037	1.57883	1.57883	0.00937019	10.5847	10.5847	0.0348293	5.82094	5.82094	0.898859	1.09534	1.09534	0.199571	0.378878	-2.63937
cg24831541	ARRB2;ARRB2	0.0906758	0.318234	0.71604	-1.39657	0.289676	0.700587	-1.42737	0.328722	1.38596	1.38596	0.440003	0.774928	-1.29044	0.1163	0.57546	-1.73774
cg08710238	CDK16;CDK16;CDK16	0.0906776	0.0624462	0.494723	-2.02133	0.571875	0.825543	-1.21132	0.972238	1.01175	1.01175	0.37983	0.739082	-1.35303	0.417909	0.757439	-1.32024
cg02130107	C16orf53	0.0906785	0.0345634	0.31238	-3.20123	0.149962	2.05206	2.05206	0.153623	2.03686	2.03686	0.28723	0.599236	-1.66879	0.0600018	0.369232	-2.70832
cg08329777	LOC92659;MAFG	0.0906802	0.451052	0.874342	-1.14372	0.281703	1.21609	1.21609	0.469516	1.13732	1.13732	0.582278	0.907422	-1.10202	0.0780266	1.40835	1.40835
cg26875248	RHBDL3	0.0906804	0.241003	1.22569	1.22569	0.00799395	0.569159	-1.75698	0.0768229	0.721619	-1.38577	0.505074	1.11866	1.11866	0.727435	1.05973	1.05973
cg10004280	NOM1	0.0906812	0.748547	0.922191	-1.08437	0.00245095	0.345949	-2.8906	0.0832783	0.616988	-1.62078	0.838142	1.05286	1.05286	0.131776	0.663829	-1.50641
cg10474597	SERPINE3	0.0906844	0.0514086	0.179497	-5.57113	0.0408421	0.160693	-6.22304	0.0268073	0.131138	-7.62555	0.130014	0.281792	-3.54872	0.171105	0.323482	-3.09136
cg15429888	C11orf86;C11orf86	0.0906854	0.464817	0.840717	-1.18946	0.915799	1.02497	1.02497	0.0797584	0.635412	-1.57378	0.961124	0.988696	-1.01143	0.00408878	0.407136	-2.45618
cg06745235	ACBD6;ACBD6	0.0906869	0.319652	1.16468	1.16468	0.0124827	1.58527	1.58527	0.135611	1.26924	1.26924	0.464863	0.895598	-1.11657	0.381457	1.14233	1.14233
cg07695604	RTEL1;RTEL1	0.0906887	0.99825	1.00086	1.00086	0.09438	0.488018	-2.04911	0.886774	1.05716	1.05716	0.211703	1.67079	1.67079	0.00459601	0.229522	-4.35689
cg16066797	OSTBETA	0.0906892	0.66464	1.16263	1.16263	0.00462638	3.6754	3.6754	0.638714	1.17747	1.17747	0.261573	0.667335	-1.4985	0.875837	1.0555	1.0555
cg16026522	MAD1L1;MAD1L1;MAD1L1	0.0906898	0.083341	0.683681	-1.46267	0.967324	1.00816	1.00816	0.00784336	1.96765	1.96765	0.577577	0.894394	-1.11808	0.147463	1.36116	1.36116
cg22449901	PEX19;PEX19	0.0906913	0.0338839	0.128084	-7.80739	0.11544	0.241728	-4.13688	0.0532119	0.161643	-6.18646	0.64098	1.47649	1.47649	0.0420172	0.143122	-6.98705
cg05492975	CDH4	0.0906916	0.581309	0.8915	-1.1217	0.770459	1.06218	1.06218	0.215455	1.30844	1.30844	0.540486	1.13629	1.13629	0.965525	0.991128	-1.00895
cg14146966	XPO1	0.090695	0.342471	0.639548	-1.5636	0.78407	0.882026	-1.13375	0.145992	2.04075	2.04075	0.196861	1.86558	1.86558	0.152976	0.496852	-2.01267
cg18634443	TBPL1	0.0906953	0.314768	1.60093	1.60093	0.0451995	0.3534	-2.82965	0.0755777	0.408431	-2.44839	0.278144	1.66614	1.66614	0.0285202	0.310392	-3.22173
cg16821967	NXF3;NXF3	0.0906965	0.763939	1.10676	1.10676	0.247273	0.665366	-1.50293	0.114315	0.56076	-1.78329	0.0354081	0.438261	-2.28175	0.0337314	0.433825	-2.30508
cg11286294	FAM127B;FAM127B;FAM127B	0.0906987	0.179908	0.420359	-2.37892	0.0105758	0.141321	-7.07611	0.372087	0.572566	-1.74652	0.0995326	2.99972	2.99972	0.287286	0.510525	-1.95877
cg09682913	LBH	0.0907058	0.173828	0.71019	-1.40807	0.333668	0.789902	-1.26598	0.615879	0.887239	-1.12709	0.839498	1.04913	1.04913	0.511923	0.854423	-1.17038
cg18699226	PDE1C	0.0907062	0.37713	0.638669	-1.56576	0.0122463	0.213553	-4.68269	0.0236034	0.262562	-3.80862	0.320822	0.602011	-1.6611	0.459673	0.689043	-1.45129
cg20515136	IL12A	0.0907085	0.0727182	0.598042	-1.67212	0.0687383	0.592678	-1.68726	0.0262106	0.508049	-1.96832	0.718859	0.911354	-1.09727	0.0331903	0.527656	-1.89517
cg19315508	SF3B4;SF3B4	0.0907094	0.620031	0.887756	-1.12644	0.0497967	1.70407	1.70407	0.266108	1.31789	1.31789	0.132696	1.47176	1.47176	0.131417	0.678452	-1.47394
cg03412431	GRM4	0.0907095	0.134468	0.754899	-1.32468	0.128568	1.33134	1.33134	0.405155	1.15997	1.15997	0.496425	0.886644	-1.12785	0.0843908	0.717053	-1.3946
cg14906976	PDXK	0.0907118	0.106423	0.350136	-2.85603	0.163122	2.42568	2.42568	0.439181	1.59944	1.59944	0.604874	1.36438	1.36438	0.0143979	0.166035	-6.02283
cg06813515	C6orf118	0.0907148	0.0902795	0.665323	-1.50303	0.0824901	0.657155	-1.52171	0.0447803	0.604817	-1.65339	0.60682	0.892872	-1.11998	0.150571	0.714386	-1.3998
cg22940152	NCRNA00176;NCRNA00176	0.0907152	0.192776	0.635794	-1.57284	0.419697	1.31112	1.31112	0.0186762	2.5513	2.5513	0.0679607	1.95748	1.95748	0.141112	0.594507	-1.68207
cg03163459	ZBED3	0.0907153	0.046535	29.6593	29.6593	0.0549758	25.4284	25.4284	0.946582	0.905169	-1.10477	0.10341	14.1333	14.1333	0.146154	10.1734	10.1734
cg11617964	PRRT1	0.0907162	0.178503	3.32168	3.32168	0.0128906	13.3695	13.3695	0.0649491	5.70055	5.70055	0.19991	3.1182	3.1182	0.139159	3.80686	3.80686
cg23112188	PCK2;PCK2	0.0907168	0.892505	1.06378	1.06378	0.218371	1.80771	1.80771	0.478505	0.719287	-1.39027	0.287403	0.603429	-1.6572	0.0270587	0.302134	-3.30979
cg13656556	GFPT2	0.0907177	0.643823	0.847748	-1.1796	0.720537	1.13591	1.13591	0.160193	0.587256	-1.70283	0.412171	1.34643	1.34643	0.00401335	0.253743	-3.94099
cg04565661	SEMA5B	0.0907183	0.76633	1.04739	1.04739	0.48919	0.896591	-1.11534	0.0374028	1.45538	1.45538	0.739609	0.949497	-1.05319	0.0198472	1.54793	1.54793
cg15181807	RBM4B	0.0907187	0.271778	0.271528	-3.68286	0.100092	7.79325	7.79325	0.136852	6.2103	6.2103	0.0216687	0.0432139	-23.1407	?	?	?
cg03469655	CLVS2	0.0907191	0.056194	0.235826	-4.24041	0.0384294	0.201428	-4.96455	0.122209	0.326603	-3.06182	0.357885	0.531728	-1.88066	0.00676886	0.095865	-10.4313

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05003908	0.58697	1.12611	1.12611	0.0920834	1.49408	1.49408	0.810031	0.949191	-1.05353	0.113052	0.688362	-1.45272	2.67212	1.98418	0.660044	1
cg13823205	?	?	?	0.0096466	5.25739	5.25739	0.380768	1.55302	1.55302	0.83731	0.904562	-1.10551	2.91755	8.36985	2.86879	1
cg06912297	0.0841698	0.289981	-3.44851	0.26385	0.470188	-2.12681	0.32542	0.517943	-1.93071	0.0902161	0.298274	-3.35263	2.67208	17.7649	5.90965	1
cg27500983	0.498108	0.913333	-1.09489	0.797685	1.03444	1.03444	0.485477	0.910808	-1.09793	0.536	0.920715	-1.08611	2.67205	0.735238	0.244586	1
cg15336686	0.872198	0.962727	-1.03872	0.0078337	2.2372	2.2372	0.780838	0.936309	-1.06802	0.158566	0.700753	-1.42704	2.67204	2.35594	0.783734	1
cg26841040	0.0868457	0.337285	-2.96485	0.278247	0.523105	-1.91166	0.676268	1.27296	1.27296	0.763511	0.840784	-1.18937	2.67202	13.9778	4.64994	1
cg04456029	0.301162	0.497808	-2.00881	0.140223	0.355857	-2.81012	0.26454	2.13226	2.13226	0.988918	0.990997	-1.00908	2.67202	17.9414	5.9685	1
cg17153082	0.314071	1.66368	1.66368	0.183444	1.9938	1.9938	0.337482	1.62168	1.62168	0.42374	1.49101	1.49101	2.67198	10.1158	3.36524	1
cg20332143	0.199185	1.31002	1.31002	0.581983	1.11703	1.11703	0.465941	0.862691	-1.15916	0.852983	1.03762	1.03762	2.67196	1.67685	0.557844	1
cg17833578	0.106428	0.511891	-1.95354	0.677897	0.853297	-1.17192	0.00755374	0.271047	-3.68939	0.266908	0.644457	-1.55169	2.67195	6.10549	2.03114	1
cg07979579	0.083223	0.582539	-1.71662	0.0468665	1.89853	1.89853	0.93546	1.02308	1.02308	0.62735	1.14779	1.14779	2.67193	3.3596	1.11766	1
cg19659642	0.0371079	3.06923	3.06923	0.00801744	4.82665	4.82665	0.484285	1.39004	1.39004	0.0822525	2.43998	2.43998	2.67192	9.08488	3.02234	1
cg01941895	0.884529	1.0874	1.0874	0.588009	0.729527	-1.37075	0.0150334	5.60276	5.60276	0.586778	1.37221	1.37221	2.67189	14.0677	4.68006	1
cg11502800	0.600246	0.865583	-1.15529	0.412411	0.795504	-1.25706	0.460838	1.22748	1.22748	0.859042	1.04973	1.04973	2.67189	3.15365	1.04916	1
cg12616710	0.575323	1.20896	1.20896	0.0348125	0.438344	-2.28131	0.72924	0.890034	-1.12355	0.905535	0.96098	-1.0406	2.67185	4.75628	1.58235	1
cg18484299	0.624463	0.85459	-1.17015	0.222725	0.664931	-1.50392	0.0889907	0.550243	-1.81738	0.113144	1.73171	1.73171	2.67184	4.29215	1.42794	1
cg07692540	0.15384	0.69948	-1.42963	0.447733	1.19857	1.19857	0.860026	1.04218	1.04218	0.484194	0.846687	-1.18107	2.67181	2.31887	0.771468	1
cg15314890	0.153464	3.41138	3.41138	0.0141008	11.3878	11.3878	0.906542	0.910016	-1.09888	0.536014	1.65391	1.65391	2.67181	27.2766	9.07469	1
cg13571852	0.320945	1.16884	1.16884	0.00263893	1.88341	1.88341	0.817401	1.03581	1.03581	0.640034	1.07428	1.07428	2.67177	0.979352	0.325827	1
cg25649781	0.896794	1.05282	1.05282	0.659312	1.19242	1.19242	0.248107	1.61435	1.61435	0.212102	0.593713	-1.68431	2.67176	6.65768	2.215	1
cg04304338	0.19153	0.568756	-1.75822	0.00932826	0.260329	-3.84129	0.572361	1.26217	1.26217	0.0547943	0.411089	-2.43256	2.67175	7.04762	2.34474	1
cg09811943	0.213796	0.8628	-1.15902	0.999429	0.999919	-1.00008	0.108478	1.21821	1.21821	0.487296	1.08281	1.08281	2.67174	0.537787	0.178922	1
cg00399483	0.37979	1.16689	1.16689	0.685992	1.07211	1.07211	0.366988	0.8532	-1.17206	0.100534	1.36095	1.36095	2.67171	1.24179	0.413149	1
cg01963061	0.11738	0.698237	-1.43218	0.383893	0.828146	-1.20752	0.0163414	1.85888	1.85888	0.624041	1.10997	1.10997	2.67163	1.88731	0.627932	1
cg04394902	0.931826	1.0133	1.0133	0.818	1.03625	1.03625	0.72514	0.946932	-1.05604	0.11641	1.30152	1.30152	2.67162	1.00959	0.335907	1
cg24265747	0.416779	1.28433	1.28433	0.0232031	0.441197	-2.26656	0.470545	1.24775	1.24775	0.910516	1.03448	1.03448	2.6716	3.84699	1.27996	1
cg14058711	0.0658085	0.782909	-1.27729	0.0461933	0.762762	-1.31103	0.642826	0.946137	-1.05693	0.481024	1.08863	1.08863	2.67158	0.594717	0.197874	1
cg02530824	0.130036	0.382705	-2.61298	0.0495283	0.268159	-3.72914	0.0124939	0.161183	-6.20412	0.975113	1.01849	1.01849	2.67158	14.5957	4.8563	1
cg18704527	0.187311	0.36869	-2.71231	0.808088	0.840513	-1.18975	0.482213	0.600517	-1.66523	0.102487	0.279222	-3.58138	2.67157	21.5687	7.17637	1
cg13232011	0.153639	0.696086	-1.4366	0.0057592	0.423951	-2.35876	0.46263	1.194	1.194	0.655203	1.11247	1.11247	2.67157	2.37954	0.791725	1
cg23809118	0.407282	1.18072	1.18072	0.416405	1.17677	1.17677	0.369378	0.834714	-1.19801	0.34491	1.21004	1.21004	2.67156	1.62502	0.540681	1
cg07161146	0.151342	0.282235	-3.54315	0.0150009	0.0854085	-11.7084	0.391658	0.485722	-2.05879	0.247957	0.370167	-2.70148	2.67152	28.6443	9.53076	1
cg03532483	0.213787	0.579077	-1.72688	0.097796	0.468573	-2.13414	0.04515	0.383188	-2.60969	0.21603	0.580784	-1.72181	2.67151	7.36952	2.45206	1
cg26081762	0.0349882	0.356476	-2.80524	0.903	1.05252	1.05252	0.634727	0.817969	-1.22254	0.296193	0.634606	-1.57578	2.67148	7.45758	2.48138	1
cg05982504	0.0656274	0.386966	-2.58421	0.00865637	0.214818	-4.6551	0.862553	0.923458	-1.08289	0.282017	0.598249	-1.67155	2.67148	8.93474	2.97288	1
cg06295404	?	?	?	0.26493	0.590469	-1.69357	0.0992206	2.26936	2.26936	0.463611	0.713005	-1.40251	2.70244	7.82244	2.89458	1
cg09932345	0.442287	1.26654	1.26654	0.199812	0.664633	-1.50459	0.0256387	2.22461	2.22461	0.866531	0.950532	-1.05204	2.67144	3.84879	1.28064	1
cg16275722	0.433839	0.727475	-1.37462	0.145549	0.536537	-1.8638	0.447128	1.36166	1.36166	0.0140564	0.298819	-3.34651	2.67143	6.71586	2.23463	1
cg00262054	0.16994	1.56839	1.56839	0.484664	0.803613	-1.24438	0.852114	1.05914	1.05914	0.0125485	0.384462	-2.60104	2.67141	4.01046	1.33445	1
cg25123211	0.950943	1.01195	1.01195	0.760523	0.942688	-1.0608	0.00900284	0.526684	-1.89867	0.285557	1.23879	1.23879	2.67138	1.57698	0.524731	1
cg27363226	0.151444	0.506148	-1.97571	0.167968	0.52153	-1.91744	0.0336897	3.00081	3.00081	0.602067	0.792101	-1.26246	2.67137	8.30363	2.763	1
cg06827361	0.440953	0.728018	-1.37359	0.512765	0.764795	-1.30754	0.0550887	0.415392	-2.40736	0.0661251	0.434887	-2.29945	2.67136	6.90355	2.29714	1
cg19895047	0.0843515	1.69508	1.69508	0.618485	1.14885	1.14885	0.82981	1.0613	1.0613	0.0636857	1.77928	1.77928	2.67136	3.23211	1.07548	1
cg10472067	0.456694	1.93772	1.93772	0.506505	0.555518	-1.80012	?	?	?	0.392519	2.14929	2.14929	2.87968	30.0571	9.13294	1
cg01719268	0.745941	1.1224	1.1224	0.909681	0.960494	-1.04113	0.0434433	2.2816	2.2816	0.533986	0.799532	-1.25073	2.67133	5.3376	1.7761	1
cg03632357	0.0719068	0.623533	-1.60376	0.815001	1.05665	1.05665	0.293482	1.29201	1.29201	0.255271	1.32212	1.32212	2.67132	2.33855	0.778158	1
cg16888730	0.0929463	1.42	1.42	0.0700159	1.46858	1.46858	0.766499	1.05812	1.05812	0.751788	1.06204	1.06204	2.67131	1.5226	0.506649	1
cg03585389	0.0350859	5.94451	5.94451	0.267812	2.31181	2.31181	0.0509118	5.02549	5.02549	0.0206715	7.56108	7.56108	2.6713	22.2996	7.4203	1
cg03817671	0.125267	1.50452	1.50452	0.195784	0.71406	-1.40044	0.972068	1.00866	1.00866	0.0181149	2.02695	2.02695	2.6713	2.56394	0.853164	1
cg12277524	0.955678	0.970478	-1.03042	0.00648725	0.148401	-6.7385	0.837918	1.11676	1.11676	0.15542	0.440591	-2.26968	2.6713	12.2991	4.09259	1
cg24104241	0.780105	1.47653	1.47653	0.871753	0.798556	-1.25226	0.0162213	59.974	59.974	0.175398	7.43646	7.43646	2.67129	82.0214	27.2931	1
cg00362285	0.337433	0.645799	-1.54847	0.00986798	0.2365	-4.22833	0.01401	0.261457	-3.82472	0.089171	0.436565	-2.29061	2.67129	8.2712	2.7523	1
cg00240860	0.0494998	0.345396	-2.89523	0.0912604	0.413881	-2.41616	0.561862	1.32073	1.32073	0.110733	0.438559	-2.2802	2.67123	9.51746	3.16707	1
cg21573947	0.819575	0.921921	-1.08469	0.0510179	2.20528	2.20528	0.0183859	2.76738	2.76738	0.50108	1.27506	1.27506	2.67123	5.35667	1.78251	1
cg19877209	0.138972	0.354899	-2.8177	0.885891	0.910829	-1.0979	0.0776193	0.279212	-3.58151	0.232302	0.442741	-2.25866	2.67121	17.8991	5.95622	1
cg16189160	0.657596	0.790375	-1.26522	0.787331	1.15327	1.15327	0.327538	1.70405	1.70405	0.599427	1.32246	1.32246	2.67119	11.7659	3.91533	1
cg21207320	0.196376	0.312315	-3.20189	0.011132	0.0664696	-15.0445	0.523572	0.576553	-1.73445	0.0755186	0.185354	-5.39509	2.67118	30.7019	10.2167	1
cg20760676	0.182168	0.726371	-1.37671	0.00345157	0.407968	-2.45117	0.256243	0.765244	-1.30677	0.0511892	0.605726	-1.65091	2.67118	2.1565	0.71762	1
cg18032744	0.00863089	0.0881003	-11.3507	0.124927	0.299705	-3.33661	0.843511	1.15416	1.15416	0.459033	1.72794	1.72794	2.67117	22.2634	7.40862	1
cg05570735	0.793101	1.03502	1.03502	0.860427	0.977218	-1.02331	0.104545	1.26153	1.26153	0.33952	1.13758	1.13758	2.67115	0.725377	0.241386	1
cg15839431	0.0443258	2.7274	2.7274	0.0740222	0.421113	-2.37466	0.202481	0.557388	-1.79408	0.0944657	2.22217	2.22217	2.67114	7.98224	2.65629	1
cg02387679	0.0681705	3.37743	3.37743	0.953962	1.035	1.035	0.214172	2.18011	2.18011	0.963504	1.02764	1.02764	2.67114	15.024	4.99961	1
cg26320895	0.254872	0.546407	-1.83014	0.171555	0.476029	-2.10071	0.727214	0.837797	-1.19361	0.277353	0.563261	-1.77538	2.8496	11.2695	3.07593	1
cg23359895	0.223467	0.836609	-1.1953	0.00904748	1.58843	1.58843	0.937827	0.989178	-1.01094	0.381996	0.882449	-1.13321	2.67106	0.822974	0.273873	1
cg22870092	0.920776	0.937978	-1.06612	0.115922	0.332941	-3.00354	0.181852	2.48956	2.48956	0.734683	0.803372	-1.24475	2.67104	17.5245	5.83193	1
cg08195842	0.782458	0.962458	-1.03901	0.0191569	0.675791	-1.47975	0.533686	1.09105	1.09105	0.141245	1.24449	1.24449	2.67102	0.808493	0.269059	1
cg04750593	0.67961	1.07249	1.07249	0.13484	0.762121	-1.31213	0.07025	1.40637	1.40637	0.0411474	1.4874	1.4874	2.67101	1.20124	0.399764	1
cg03946671	0.0372291	0.335966	-2.97649	0.11113	0.45712	-2.18761	0.224404	0.562356	-1.77823	0.45466	0.709284	-1.40987	2.67099	8.60594	2.86401	1
cg05129258	0.940308	0.985013	-1.01522	0.592316	1.11515	1.11515	0.0780119	1.48417	1.48417	0.0646337	1.51969	1.51969	2.67097	1.71993	0.572384	1
cg18777311	0.208334	0.611712	-1.63476	0.0579711	0.451977	-2.2125	0.908364	0.958233	-1.04359	0.056185	0.448732	-2.2285	2.67096	5.80787	1.93284	1
cg08220084	0.189446	1.51196	1.51196	0.0502299	0.514845	-1.94233	0.763311	0.914093	-1.09398	0.50182	0.816494	-1.22475	2.67095	3.74178	1.24526	1
cg16909293	0.370115	0.662481	-1.50948	0.214135	0.557025	-1.79525	0.902061	0.946412	-1.05662	0.231763	0.570577	-1.75261	2.67092	8.46656	2.81769	1
cg05785724	0.0650202	0.426778	-2.34314	0.631283	0.819772	-1.21985	0.180896	0.557745	-1.79293	0.0568761	0.41243	-2.42466	2.67091	7.14505	2.3779	1
cg03657549	0.603299	0.944901	-1.05831	0.00461221	0.665289	-1.50311	0.184221	0.858757	-1.16447	0.605093	1.05801	1.05801	2.67091	0.494337	0.164517	1
cg25661769	0.110513	0.597214	-1.67444	0.760173	0.913245	-1.095	0.789224	0.923656	-1.08265	0.617595	0.861401	-1.1609	2.67091	3.71648	1.23686	1
cg01215442	0.165137	0.747532	-1.33774	0.093667	1.43665	1.43665	0.00991624	1.89691	1.89691	0.483115	0.869293	-1.15036	2.6709	1.63383	0.543746	1
cg02707176	0.206147	3.74274	3.74274	0.00842393	27.9407	27.9407	0.0304429	12.397	12.397	0.40488	2.32442	2.32442	2.67089	41.4345	13.7897	1
cg06891548	0.126194	0.388446	-2.57436	0.449102	0.643501	-1.554	0.107295	0.366184	-2.73087	0.930731	1.05094	1.05094	2.67086	13.8165	4.59827	1
cg09121478	0.158065	1.28019	1.28019	0.00344007	1.91618	1.91618	0.984184	0.996761	-1.00325	0.862761	1.02872	1.02872	2.67085	1.13316	0.377129	1
cg08130814	0.244224	1.96409	1.96409	0.535994	1.41517	1.41517	0.01119	5.8206	5.8206	0.0524355	3.39411	3.39411	2.6708	12.9861	4.32201	1
cg19404582	0.675359	0.884072	-1.13113	0.0168594	0.426158	-2.34655	0.0951762	0.584867	-1.70979	0.96115	1.01435	1.01435	2.67078	3.6199	1.20478	1
cg03604796	0.0196616	0.494587	-2.02189	0.0488617	0.570103	-1.75407	0.276486	0.753684	-1.32682	0.585049	1.14768	1.14768	2.67076	2.6399	0.878618	1
cg10318825	0.0407676	0.49677	-2.013	0.32409	0.739582	-1.35212	0.863278	1.05238	1.05238	0.161424	0.642115	-1.55735	2.67074	3.71159	1.23531	1
cg07142859	0.052377	0.340909	-2.93334	0.0388917	0.308982	-3.23643	0.81292	1.11661	1.11661	0.162637	0.491755	-2.03353	3.10461	10.1232	2.1738	1
cg18783792	0.10469	0.392325	-2.54891	0.429398	1.53053	1.53053	0.0344392	3.6748	3.6748	0.166006	2.18009	2.18009	2.67073	11.775	3.91902	1
cg07470396	0.374844	1.33041	1.33041	0.303148	1.39696	1.39696	0.773173	0.913402	-1.09481	0.789572	0.919584	-1.08745	2.67072	4.15527	1.38298	1
cg09217565	0.105844	0.739892	-1.35155	0.857105	1.03122	1.03122	0.259466	0.818222	-1.22216	0.157327	0.772675	-1.29421	2.6707	1.2302	0.409446	1
cg12402555	0.200231	0.484308	-2.0648	0.0104017	0.177482	-5.63437	0.810398	1.13745	1.13745	0.284292	0.551002	-1.81487	2.67068	12.1449	4.0422	1
ch.9.1352789F	0.193502	0.623377	-1.60417	0.281541	0.680846	-1.46876	0.561809	0.817514	-1.22322	0.355386	0.721408	-1.38618	2.67066	4.99034	1.66096	1
cg10343787	0.956696	1.01332	1.01332	0.44534	0.827298	-1.20875	0.0307378	0.538811	-1.85594	0.532898	0.857346	-1.16639	2.67063	2.51176	0.836013	1
cg02460344	0.0671125	0.337427	-2.9636	0.0210162	0.230001	-4.34781	0.265873	0.541297	-1.84741	0.0304163	0.260041	-3.84555	2.6706	11.8546	3.9457	1
cg22111074	0.78537	1.12595	1.12595	0.0296358	0.328658	-3.04267	0.694502	0.842363	-1.18714	0.340992	0.65283	-1.53179	2.6706	7.98851	2.65892	1
cg01568335	0.440344	1.21301	1.21301	0.0651159	1.66229	1.66229	0.055064	1.70536	1.70536	0.547313	1.16119	1.16119	2.67059	2.54706	0.847773	1
cg07262395	0.0714885	0.306911	-3.25828	0.026195	0.212693	-4.7016	0.481846	1.52125	1.52125	0.943258	1.04266	1.04266	2.67059	14.5669	4.84851	1
cg14202937	0.0660037	0.377167	-2.65135	0.789029	1.13518	1.13518	0.482486	1.40138	1.40138	0.525162	0.73756	-1.35582	2.67059	9.45342	3.14651	1
cg10769535	0.215974	0.433917	-2.30459	0.451874	0.611752	-1.63465	0.794307	0.845753	-1.18238	0.108055	0.324914	-3.07774	2.67057	17.3877	5.78742	1
cg17107724	0.691043	1.08967	1.08967	0.235935	1.30601	1.30601	0.156538	1.3851	1.3851	0.0712417	1.54206	1.54206	2.67054	1.95432	0.650497	1
cg10922622	0.348525	0.926158	-1.07973	0.942927	0.994325	-1.00571	0.192727	1.1158	1.1158	0.289815	1.09125	1.09125	2.67052	0.267195	0.0889367	1
cg20734219	0.0522952	2.17618	2.17618	0.00671746	3.44984	3.44984	0.225637	1.56562	1.56562	0.661095	1.16814	1.16814	2.67051	5.24911	1.74718	1
cg24372325	0.233673	0.408957	-2.44524	0.771286	1.23212	1.23212	0.501734	1.62947	1.62947	0.341651	2.01711	2.01711	2.67051	21.6898	7.21954	1
cg24831541	0.364557	0.739579	-1.35212	0.010582	0.353083	-2.83219	0.073239	1.90943	1.90943	0.399578	0.756378	-1.32209	2.6705	4.43396	1.47587	1
cg08710238	0.548612	0.815705	-1.22593	0.00714512	0.311654	-3.20869	0.0396091	0.44993	-2.22257	0.0392294	0.449027	-2.22704	2.67048	4.76373	1.58564	1
cg02130107	0.892005	1.0646	1.0646	0.814281	1.11456	1.11456	0.0705065	0.387617	-2.57987	0.216667	0.546781	-1.82889	2.84888	9.37758	2.56019	1
cg08329777	0.392486	0.857965	-1.16555	0.035424	0.65162	-1.53464	0.0480289	0.673536	-1.4847	0.175696	1.28633	1.28633	2.67044	1.29334	0.430502	1
cg26875248	0.984215	0.996725	-1.00329	0.119454	1.3233	1.3233	0.940295	0.987657	-1.0125	0.839267	1.03424	1.03424	2.67044	1.16258	0.386979	1
cg10004280	0.43944	0.819879	-1.21969	0.876463	0.961577	-1.03996	0.852508	0.954206	-1.04799	0.347748	0.783885	-1.2757	2.67043	2.68282	0.893014	1
cg10474597	0.10823	0.257406	-3.88492	0.014255	0.0962264	-10.3922	0.410287	0.520944	-1.91959	0.5709	0.641755	-1.55823	2.67039	25.3666	8.44374	1
cg15429888	0.851199	0.957147	-1.04477	0.235365	1.3365	1.3365	0.156408	0.702169	-1.42416	0.48753	0.848315	-1.17881	2.67038	2.30049	0.765763	1
cg06745235	0.568553	0.91812	-1.08918	0.0395234	0.702601	-1.42328	0.91319	0.983965	-1.0163	0.85757	0.973721	-1.02699	2.67036	0.929342	0.309352	1
cg07695604	0.483195	1.32052	1.32052	0.737936	0.877208	-1.13998	0.702594	1.16145	1.16145	0.266961	0.636852	-1.57022	2.67034	6.43754	2.1429	1
cg16066797	0.0857576	1.92715	1.92715	0.879105	1.05399	1.05399	0.451923	0.76739	-1.30312	0.14463	1.71825	1.71825	2.67033	5.0476	1.68022	1
cg16026522	0.437932	1.16995	1.16995	0.161157	1.34565	1.34565	0.529467	0.881287	-1.1347	0.93395	1.01658	1.01658	2.67033	1.6643	0.554008	1
cg22449901	0.368143	0.464417	-2.15324	0.0261068	0.111896	-8.93685	0.229355	0.351151	-2.84778	0.0757229	0.193943	-5.15614	2.67031	29.1139	9.69141	1
cg05492975	0.041782	0.616405	-1.62231	0.00899072	1.98368	1.98368	0.207857	1.31499	1.31499	0.655346	0.911527	-1.09706	2.6703	1.7981	0.598551	1
cg14146966	0.814738	1.11324	1.11324	0.291303	0.606257	-1.64946	0.00752836	4.81509	4.81509	0.890152	1.06519	1.06519	2.67026	8.83329	2.94047	1
cg18634443	0.908507	0.949289	-1.05342	0.85826	0.922264	-1.08429	0.133313	2.08146	2.08146	0.905884	1.055	1.055	2.67026	8.66648	2.88494	1
cg16821967	0.351432	1.38122	1.38122	0.179577	1.61619	1.61619	0.232689	1.52421	1.52421	0.645156	0.855418	-1.16902	2.67024	4.79671	1.59676	1
cg11286294	0.0913179	0.322541	-3.10038	0.441821	0.620502	-1.6116	0.943116	0.957506	-1.04438	0.340734	1.81742	1.81742	2.67021	15.6588	5.21265	1
cg09682913	0.0650444	1.63227	1.63227	0.0065045	0.433229	-2.30825	0.277127	0.765413	-1.30648	0.286425	0.769644	-1.2993	2.67013	2.36569	0.787541	1
cg18699226	0.155534	0.471491	-2.12093	0.449414	0.682945	-1.46425	0.0141682	0.223698	-4.4703	0.492368	0.708242	-1.41195	2.67012	10.3509	3.44585	1
cg20515136	0.330472	0.77271	-1.29415	0.225521	1.38657	1.38657	0.751932	0.921801	-1.08483	0.482661	1.20107	1.20107	2.67009	2.78823	0.928217	1
cg19315508	0.106638	0.657272	-1.52144	0.877192	0.963834	-1.03752	0.109324	1.51574	1.51574	0.092915	1.55327	1.55327	2.67008	2.39959	0.798841	1
cg03412431	0.315625	1.19814	1.19814	0.0179004	1.65095	1.65095	0.391851	0.858265	-1.16514	0.755449	0.947021	-1.05594	2.67008	1.28364	0.427333	1
cg14906976	0.55964	1.42071	1.42071	0.655557	1.30636	1.30636	0.0490821	0.262557	-3.80869	0.865205	0.903811	-1.10643	2.67005	14.9838	4.98828	1
cg06813515	0.768067	0.937486	-1.06668	0.0128108	0.509241	-1.96371	0.0353186	0.585649	-1.70751	0.81858	1.05143	1.05143	2.67001	2.01495	0.670808	1
cg22940152	0.677667	1.14721	1.14721	0.143034	0.596216	-1.67725	0.637819	0.85574	-1.16858	0.767638	0.90724	-1.10224	2.67001	4.56478	1.51969	1
cg03163459	0.179864	8.31483	8.31483	0.0238102	55.2064	55.2064	0.0365758	37.0503	37.0503	0.0595074	23.6339	23.6339	2.67001	93.4996	31.1275	1
cg11617964	0.414541	2.0147	2.0147	0.029942	8.54145	8.54145	0.0312524	8.35183	8.35183	0.127613	3.989	3.989	2.67	29.8257	9.92949	1
cg23112188	0.352751	0.645793	-1.54848	0.109602	0.45037	-2.2204	0.0312578	3.17614	3.17614	0.717695	1.18061	1.18061	2.66999	8.84308	2.94402	1
cg13656556	0.284355	0.673993	-1.4837	0.263586	0.661374	-1.512	0.623045	0.838821	-1.19215	0.067436	0.483389	-2.06873	2.66998	5.32178	1.77173	1
cg04565661	0.407372	1.14074	1.14074	0.106934	0.760759	-1.31448	0.771495	0.955765	-1.04628	0.091653	1.33449	1.33449	2.66997	1.02074	0.339824	1
cg15181807	0.330705	0.318614	-3.13859	?	?	?	0.382889	0.360692	-2.77245	0.920135	1.12107	1.12107	2.73929	43.8208	18.2825	1
cg03469655	0.0961141	0.295015	-3.38966	0.112561	0.315374	-3.17084	0.553191	0.669829	-1.49292	0.226077	0.427767	-2.33772	2.66996	18.8714	6.28269	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02744249	CTSZ	0.0907216	0.0709364	0.488989	-2.04504	0.875733	0.94602	-1.05706	0.059814	0.470924	-2.12349	0.182953	0.605872	-1.65051	0.075596	0.49592	-2.01645	0.854253	1.06738	1.06738	0.601127	1.20567	1.20567	0.0493172	2.21568	2.21568	0.12727	0.557237	-1.79457	2.66993	5.31678	1.7701	1
cg01017780	TMCO3	0.0907216	0.103636	0.724959	-1.37939	0.795572	1.04804	1.04804	0.241327	0.801194	-1.24814	0.661277	0.923413	-1.08294	0.108731	0.728951	-1.37183	0.231562	1.25454	1.25454	0.014578	1.72235	1.72235	0.201857	0.783843	-1.27577	0.811571	1.04411	1.04411	2.66993	1.38102	0.459777	1
cg23502778	NOVA1;NOVA1;NOVA1	0.090724	0.668837	1.1319	1.1319	0.24819	1.41566	1.41566	0.0140692	2.39363	2.39363	0.856786	1.05339	1.05339	?	?	?	0.276999	1.3848	1.3848	0.110462	0.606024	-1.6501	0.102578	0.597899	-1.67252	0.691877	0.891637	-1.12153	2.70085	3.15239	1.16718	1
cg12598524	PRKCE	0.0907275	0.0863521	0.330284	-3.0277	0.017718	0.185197	-5.39966	0.0244935	0.208704	-4.79147	0.95265	0.965875	-1.03533	0.827348	1.13623	1.13623	0.203467	2.19211	2.19211	0.416685	0.615488	-1.62473	0.862222	0.903422	-1.1069	0.404521	1.64659	1.64659	2.66986	14.4561	4.81294	1
cg22109208	C1orf105;PIGC;PIGC	0.0907297	0.973524	1.01354	1.01354	0.213634	0.588198	-1.70011	0.86777	0.934701	-1.06986	0.0867507	0.464568	-2.15254	0.101418	0.483449	-2.06847	0.0264383	0.34419	-2.90537	0.0200614	0.320807	-3.11714	0.825928	0.914606	-1.09337	0.0263667	0.343953	-2.90737	2.66983	6.94446	2.31208	1
cg05046083	DOCK4	0.090734	0.327651	0.636525	-1.57103	0.686084	1.1992	1.1992	0.971976	1.01583	1.01583	0.94113	0.96752	-1.03357	0.00410869	0.178885	-5.59018	0.216447	0.559067	-1.78869	0.788763	1.12755	1.12755	0.202981	1.82362	1.82362	0.134969	0.486551	-2.05528	2.66978	8.45096	2.81371	1
cg22054580	FAM83H	0.0907352	0.341646	0.872651	-1.14593	0.0653601	1.3332	1.3332	0.106277	0.782533	-1.2779	0.69507	1.0563	1.0563	0.071335	0.755779	-1.32314	0.626991	1.07046	1.07046	0.190424	1.2126	1.2126	0.850271	0.97407	-1.02662	0.0344978	0.709787	-1.40887	2.66976	0.81723	0.272094	1
cg07326288	DNAJC15	0.090737	0.903093	1.04046	1.04046	0.0357817	0.451361	-2.21552	0.0322901	0.44206	-2.26214	0.739188	1.11494	1.11494	0.130641	1.70155	1.70155	0.375888	1.34436	1.34436	0.259311	1.46697	1.46697	0.238936	0.669243	-1.49423	0.232024	1.50404	1.50404	2.66974	4.48333	1.49273	1
cg23351724	IGSF10	0.0907372	0.117237	0.298642	-3.34849	0.0688835	4.24596	4.24596	0.860013	1.13357	1.13357	0.648474	0.721814	-1.3854	0.0381994	0.181556	-5.50795	0.124347	0.306717	-3.26034	0.0339354	0.172302	-5.80375	0.956459	1.03954	1.03954	0.217695	0.398108	-2.51188	2.66974	21.3291	7.10152	1
cg05210412	CA4;CA4	0.0907394	0.115936	1.64941	1.64941	0.0628442	1.84594	1.84594	0.210723	1.47143	1.47143	0.275257	1.39436	1.39436	0.757768	0.913381	-1.09483	0.219775	1.45923	1.45923	0.493235	0.815632	-1.22604	0.0201922	2.27148	2.27148	0.0184932	2.30878	2.30878	2.66971	3.62676	1.20754	1
cg03462348	SNORD115-11;SNORD115-15;SNORD115-21;SNORD115-43;SNORD115-36;SNORD115-29	0.09074	0.170744	0.44659	-2.23919	0.0753074	0.334754	-2.98727	0.118259	0.391695																							
cg00392257	ISG20L2	0.0907403	0.0104494	0.140006	-7.14254	0.213194	0.449532	-2.22454	0.441927	0.619883																							
cg00551589	PDPK1;PDPK1	0.0907415	0.445229	0.58437	-1.71124	0.00840258	0.0978861	-10.216	0.255513	0.440665																							
cg04907595	RUNX3;RUNX3	0.0907439	0.0578906	2.15766	2.15766	0.997733	0.998981	-1.00102	0.55301	1.24018																							
cg20729813	SORCS2	0.0907469	0.222288	2.83631	2.83631	0.143261	3.59128	3.59128	0.0725172	0.196188																							
cg16423505	GPC5	0.0907475	0.465147	0.214882	-4.65373	0.411376	5.68351	5.68351	0.0584705	83.2905																							
cg01591369	C6orf52;C6orf52;C6orf52	0.09075	0.0356412	0.21613	-4.62685	0.620713	0.731635	-1.3668	0.242355	0.464641																							
cg21227785	ABCF1;ABCF1	0.0907525	0.778989	1.04526	1.04526	0.00421333	1.82741	1.82741	0.721426	0.945231																							
cg19227130	FEZF2	0.0907532	0.570117	1.25989	1.25989	0.385335	1.43197	1.43197	0.857135	1.07512																							
cg06000610	PTPRN2;PTPRN2;PTPRN2	0.0907553	0.0294036	0.246263	-4.06069	0.0485723	0.292068	-3.42385	0.129498	0.408694																							
cg00688810	SHBG;FXR2	0.0907554	0.0760014	0.257547	-3.88279	0.492028	1.61515	1.61515	0.233671	2.35801																							
cg06534553	BRUNOL6	0.090756	0.0226251	0.235799	-4.2409	0.0222711	0.234564	-4.26324	0.469081	0.677143																							
cg10677787	DHRS4L2	0.0907561	0.319902																														
cg15852731	EFCAB6;EFCAB6	0.0907575	0.0795501																														
cg24523650	EIF2AK2;EIF2AK2	0.0907577	0.932589																														
cg00819696	TIMELESS	0.0907586	0.300238																														
cg11641738	CCDC41;CCDC41	0.0907587	0.113518																														
cg25692524	THSD1P	0.0907597	0.44182																														
cg16608407	HOXA11AS;HOXA11	0.0907624	0.557489																														
cg14003978	ADAMTSL1	0.0907624	0.261445																														
cg17612948	WDR36	0.0907674	?																														
cg25029533	NCKAP5L	0.0907722	0.136127																														
cg00711711	CREB3L2	0.0907727	0.312623																														
cg20696985	SHF	0.0907763	0.507053																														
cg03920392	ZNF395	0.0907787	0.783421																														
cg16973107	INHBC	0.0907797	0.412321																														
cg10282524	CCDC71;CCDC71	0.0907838	0.0480387																														
cg05987030	DZIP1L	0.0907838	0.653883																														
cg26260408	RASL11B	0.0907838	0.567698																														
cg11657122	TNIP1	0.0907848	0.58119																														
cg10861033	MXRA5	0.0907853	0.0369828																														
cg16345226	TMEM38A;C19orf42	0.0907871	0.142595																														
cg09243900	RAB25	0.0907884	0.109299																														
cg23212751	ARTN;ARTN;ARTN;ARTN;ARTN	0.0907895	0.296419																														
cg02039267	VAX1;VAX1	0.0907911	0.933506																														
cg16595548	FOLR4	0.0907918	0.693664																														
cg27620077	RPS6KA2	0.0907926	0.053588																														
cg10239429	MCPH1	0.0907945	0.399764																														
cg15067376	DNLZ	0.0907976	0.80836																														
cg05869601	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0908004	0.993891																														
cg20156774	TAP2;TAP2	0.0908016	0.0437822																														
cg27377213	PPP1R16B	0.0908017	0.314556																														
cg01728830	TMPRSS4;TMPRSS4	0.0908024	0.0554287																														
cg27214365	GYPB	0.0908053	0.0711107																														
cg18352648	UCA1	0.0908093	0.580238																														
cg05073130	ATG9B	0.0908101	0.0723451																														
cg00343986	GUSB	0.0908112	0.616029																														
cg02447620	MAD2L1BP;MAD2L1BP	0.0908147	0.125277																														
cg26822986	ANKRD29	0.0908163	0.676255																														
cg05986195	PSTPIP2	0.0908163	0.0113824																														
cg20730595	EP300	0.0908177	0.063599																														
cg18651659	ESYT2	0.0908188	0.412115																														
cg16366862	MAT2A	0.0908228	0.106523																														
cg18031021	ARMC10;ARMC10;ARMC10;ARMC10;FBXL13;FBXL13;ARMC10;ARMC10	0.0908247	0.0970104																														
cg03585778	MFSD4	0.0908249	0.072951																														
cg06094126	ESPNP	0.0908273	0.109231																														
cg10300057	PGAM5;PGAM5;PGAM5	0.0908276	0.121715																														
cg01118730	PPP2R2D;PPP2R2D;PPP2R2D	0.0908277	0.0526847																														
cg25468064	PTPRK;PTPRK	0.0908291	0.518393																														
cg02728748	MSL2;MSL2	0.0908301	0.673503																														
cg20270953	CHSY1	0.090834	0.0075822																														
cg03069737	LRWD1;ALKBH4	0.0908341	0.135926																														
cg03934681	TRUB1	0.0908345	0.343647																														
cg00145587	SMAD7	0.0908384	0.254172																														
cg15332241	MFSD5;MFSD5;MFSD5	0.0908394	0.905967																														
cg16666329	OTP	0.0908398	0.367184																														
cg02670466	NBEAL2	0.0908399	0.0283231																														
cg23974819	PTPN6;PTPN6	0.0908414	0.0390846																														
cg18328265	SHC2	0.0908418	0.795891																														
cg05683857	BTBD16	0.0908419	0.0218085																														
cg11704818	SCAP	0.0908424	0.347758																														
cg04238575	GSPT2;GSPT2	0.0908425	0.333846																														
cg18310412	TRIM71	0.0908426	0.0757518																														
cg13137376	IER3	0.090843	0.419953																														
cg14409083	EMP1;EMP1	0.0908436	0.0520596																														
cg23104816	ABCF1;ABCF1;MIR877	0.0908437	0.0117053																														
cg12775788	BCOR;BCOR	0.0908438	0.0909157																														
cg08889776	ZFAND3	0.0908461	0.0877985																														
cg18472787	DLX3	0.0908467	0.328558																														
cg15242771	HDAC2	0.0908477	0.125364																														
cg22818762	1-Mar	0.0908497	0.541471																														
cg26313699	OR1G1	0.0908519	0.115545																														
cg03844826	FAT1	0.090852	0.019588																														
cg03338154	TREML1	0.0908521	0.644577																														
cg23914278	SGIP1	0.0908533	0.284296																														
cg13550731	DYNC1I2	0.090854	?																														
cg04173252	IMP4;CCDC115	0.0908547	0.280435																														
cg08698010	PXK	0.0908589	?																														
cg17140299	TXNL1;TXNL1	0.0908593	0.959817																														
cg04329659	ASB13;ASB13	0.0908594	0.513436																														
cg08773640	KCNJ16;KCNJ16;KCNJ16	0.0908601	0.200429																														
cg15684162	MAP3K3;MAP3K3	0.0908619	0.0376345																														
cg22688455	FAM71E2	0.0908667	0.476496																														
cg01316819	PPP1R1A;PPP1R1A	0.0908671	0.334602																														
cg00201670	UBE2G2;UBE2G2	0.0908674	0.168788																														
cg14537533	KRT7	0.0908676	0.0442703																														
cg22954645	SMOC2;SMOC2	0.0908691	0.0238138																														
cg18070079	PSME1;PSME1	0.0908699	0.0146385																														
cg20230370	FGF23	0.0908704	0.170664																														
cg00130165	EPHA5;EPHA5	0.0908745	0.744255																														
cg18163118	AIP;AIP	0.0908786	0.176163																														
cg03880987	CYTH3	0.0908787	0.221393																														
cg12767726	LOC401397;LOC401397	0.0908824	0.876056																														
cg03407547	KCTD11;KCTD11	0.0908826	0.899921																														
cg12252412	DPYSL2	0.0908834	0.15813																														
cg06106793	PRCC;PRCC	0.0908851	0.0962378																														
cg27447495	KIAA1530	0.0908859	0.0360572																														
cg18746040	TRMU;TRMU	0.0908902	0.483419																														
cg26723847	VPS26B;NCAPD3	0.0908919	0.240648																														
cg07495363	BOLL;BOLL	0.0908922	0.0279525																														
cg06118351	C16orf71	0.0908934	0.442974																														
cg02826233	CDK2;CDK2	0.0908936	0.459529																														
cg27026713	RB1	0.0908976	0.053904																														
cg05930133	MEIS1	0.0908988	0.357239																														
cg27541781	SMAD2;SMAD2;SMAD2	0.0908996	0.892417																														
cg22761607	HDGF2;HDGF2	0.0909015	0.778207																														
cg08940075	CNN3	0.090902	0.816941																														
cg19317638	SFRS16	0.0909022	0.192188																														
cg10258271	GALNT14	0.0909054	0.381599																														
cg02308884	AIFM2	0.0909055	0.417173																														
cg17991206	RNASET2	0.0909086	0.0870286																														
cg15883716	ANKRD45	0.0909102	0.814324																														
ch.2.4034195R	NOP58;SNORD70	0.0909103	0.0265379																														
cg26467809	ATG7;ATG7;ATG7	0.0909115	0.0822071																														
cg20486569	CLDN5;CLDN5;CLDN5	0.0909117	0.147548																														
cg23737062	FBXL22	0.0909131	0.0238915																														
cg10039444	RPL13AP3	0.0909143	0.34357																														
cg14717759	PTP4A1	0.0909177	0.372229																														

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
Journal: Acta Neuropathologica

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Brennan Harmon, Jordan Hall, Eric H. Raabe, Ping An, Melanie Weingart, Brian Rood, Suresh Magge, Roger J. Packer, Javad Nazarian

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02533058	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.0909212	0.317045	0.592843	-1.68679	0.437178	0.669895	-1.49277	0.152127	0.460497	-2.17157	0.300698	0.581544	-1.71956	0.025117	0.260133	-3.84418
cg09379485	ZNF677	0.090926	0.0756739	2.10457	2.10457	0.473904	0.760255	-1.31535	0.554721	0.798626	-1.25215	0.0213931	2.83069	2.83069	0.186754	1.69332	1.69332
cg05922429	PHB2;SCARNA12;PHB2	0.0909266	0.023352	0.314115	-3.18354	0.703542	1.1775	1.1775	0.751025	1.14572	1.14572	0.153484	0.520412	-1.92155	0.0521361	0.389046	-2.57039
cg13095627	IGFL4	0.090927	0.0087906	0.31834	-3.14129	0.127448	0.56812	-1.76019	0.59587	0.832254	-1.20156	0.307215	0.695857	-1.43708	0.0131234	0.348121	-2.87257
cg16550651	KAT2A	0.0909273	0.579237	1.19559	1.19559	0.0984983	1.78227	1.78227	0.411651	1.30701	1.30701	0.825091	0.93184	-1.07315	0.004246	0.29507	-3.38903
cg15782604	MSL2	0.0909276	0.429299	0.85117	-1.17485	0.504053	1.14501	1.14501	0.554789	1.12672	1.12672	0.0510628	0.641608	-1.55858	0.015652	0.553344	-1.80719
cg00945663	GPR142	0.0909281	0.21718	0.558239	-1.79135	0.202135	1.83065	1.83065	0.935387	1.03708	1.03708	0.127486	0.477135	-2.09584	0.0725428	0.40673	-2.45864
cg00101986	CLIC4	0.0909309	0.089095	1.74568	1.74568	0.719138	0.898254	-1.11327	0.709803	0.894877	-1.11747	0.676234	0.882679	-1.13291	0.0715797	0.550002	-1.81817
cg06532212	FKRP;FKRP	0.090931	0.287313	1.94935	1.94935	0.0669491	0.28917	-3.45817	0.798738	0.856955	-1.16692	0.168155	0.411744	-2.42869	0.939674	0.955301	-1.04679
cg16355785	GABRA1;GABRA1;GABRA1;GABRA1;GABRA1;GABRA1	0.0909311	0.561478	0.793112	-1.26086	0.316477	0.664401	-1.50512	0.445945	1.35898	1.35898	0.804011	1.10315	1.10315	0.0126862	0.294338	-3.39746
cg25739875	TFAP2A;TFAP2A	0.0909332	0.413296	0.602726	-1.65913	0.471318	1.55824	1.55824	0.0703762	3.40181	3.40181	0.0542044	3.75322	3.75322	0.509883	0.667201	-1.4988
cg08888553	C16orf91	0.0909337	0.603462	0.863113	-1.1586	0.0212895	2.17615	2.17615	0.121898	0.624369	-1.60162	0.440159	0.801596	-1.24751	0.255386	1.39593	1.39593

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02533058	0.0365764	0.292895	-3.41419	0.015948	0.224991	-4.44462	0.0398826	0.300971	-3.32258	0.108789	0.413082	-2.42083	2.66745	10.7942	3.59701	1
cg09379485	0.225891	1.6138	1.6138	0.167038	0.574428	-1.74086	0.625391	0.83096	-1.20343	0.160328	0.568659	-1.75852	2.66739	5.98327	1.99388	1
cg05922429	0.180433	0.544532	-1.83644	0.0141145	0.274027	-3.64928	0.545563	0.76996	-1.29877	0.14815	0.515331	-1.9405	2.66739	7.71527	2.57106	1
cg13095627	0.746203	0.894578	-1.11785	0.190397	0.621452	-1.60913	0.551155	1.22982	1.22982	0.561879	0.817754	-1.22286	2.66738	4.97153	1.65673	1
cg16550651	0.252858	0.683239	-1.46362	0.654843	0.86631	-1.15432	0.719738	0.891441	-1.12178	0.761153	0.907342	-1.10212	2.66738	4.29733	1.43206	1
cg15782604	0.0157104	0.553607	-1.80633	0.528717	0.880322	-1.13595	0.363793	0.829945	-1.2049	0.827493	0.957349	-1.04455	2.66737	1.68508	0.561543	1
cg00945663	0.195911	0.541147	-1.84793	0.38586	0.670897	-1.49054	0.00790819	0.216649	-4.61577	0.176629	0.524703	-1.90584	2.66737	8.51633	2.83803	1
cg00101986	0.212974	0.677239	-1.47658	0.0278483	0.461923	-2.16486	0.194635	1.50333	1.50333	0.161892	1.55862	1.55862	2.66733	3.72988	1.24298	1
cg06532212	0.162418	2.46228	2.46228	0.0327629	4.52274	4.52274	0.0860245	3.14598	3.14598	0.371523	0.574445	-1.74081	2.66733	15.4202	5.13877	1
cg16355785	0.157061	0.5502	-1.81752	0.674037	1.18178	1.18178	0.146388	1.85061	1.85061	0.0788657	2.16071	2.16071	2.66733	6.58473	2.19437	1
cg25739875	0.368096	0.571422	-1.75002	0.631299	0.746252	-1.34003	0.0122642	6.60892	6.60892	0.680004	0.777976	-1.28539	2.6673	15.4796	5.15863	1
cg08888553	0.37118	0.772635	-1.29427	0.308097	1.34495	1.34495	0.0494503	0.5327	-1.87723	0.394217	0.782587	-1.27781	2.6673	3.33368	1.11096	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5630 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25220046	FAM124A	0.0911060	0.185643	1.472356	0.176611	1.48601	0.036137	1.530814	0.195766	0.450658	0.12607	1.208755	0.9218454	-1.08477	0.569393	1.17182	0.117382	0.01184039	0.21893	1.21893	0.09757421	1.6509	1.6509	0.572448	1.17032	1.67032	2.66515	3.20951	1.07044	1
cg03828693	ARIOSB PAFAH1B3;PRR19;PAFAH1B3;PAFAH1B	0.0911083	0.0391323	1.65884	1.258895	1.28367	1.283867	0.0638803	1.555515	1.555115	0.4212421	1.190228	1.190228	0.5731785	0.87593	1.14164	0.70817	0.923377	-1.08298	0.0748248	0.6566	-1.523	0.495442	1.15806	1.15806	0.0403032	1.65241	1.65241	2.66513	1.897118	0.632758	1
cg08400147	3	0.0911129	0.496228	1.12167	1.12167	0.113022	1.131195	1.131195	0.0840079	1.37401	1.37401	0.667306	0.930655	-1.07451	0.0282647	0.650231	-1.53791		0.957311	0.991144	-1.00894	0.124487	0.758499	-1.31839	0.152745	1.28983	1.28983	0.247308	1.22266	1.22266	2.66508	1.16573	0.388808	1
cg10608230	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.0911145	0.24919	0.411721	-2.42883	0.213077	7.68299	7.68299	0.0571265	4.88334	4.88334	0.709259	0.758845	-1.31779	0.0491238	0.191113	-5.2325		0.601349	0.678139	-1.47462	0.305772	2.18433	2.18433	0.887209	0.900715	-1.11023	0.8688855	0.885365	-1.12968	0.656206	2.29141	7.64265	1
cg17842130	NXN 2BTB20;2BTB20;2BTB20;2BTB20;2BTB2	0.0911204	0.0586244	0.698913	-1.43079	0.0689102	1.40686	1.40686	0.281506	0.828879	0.828879	-1.20646	0.6648691	0.929518	-1.07583	0.0783999	0.720463	-1.388	0.922685	1.01641	1.01641	0.102812	1.55991	1.55991	0.922854	0.983884	-1.01638	0.7626095	1.052009	1.052009	2.66504	1.1803	0.395886	1
cg08996334	0	0.0911158	0.787923	0.923958	-1.0823	0.0986013	0.587855	-1.7011	0.417673	0.78432	-1.27499	0.889016	0.959871	-1.04181	0.275196	1.39513	1.39513		0.569986	1.18341	1.18341	0.00419215	3.08051	3.08051	0.714161	0.897714	-1.11394	0.784087	1.08352	1.08352	2.66504	3.63154	1.21125	1
cg25257096	GPS1;GPS1;RFNG	0.0911164	0.998413	0.999745	-1.00025	0.145138	1.22205	1.22205	0.0615797	1.30081	1.30081	0.785466	0.965634	-1.03559	0.0402526	0.415254	2.75051		0.387849	1.00195	1.00195	0.0148598	0.681115	-1.46818	0.932586	0.989215	-1.0109	0.203113	1.18882	1.18882	2.66503	0.693372	0.231266	1
cg12743894	C11orf46	0.0911195	0.672068	1.06258	1.06258	0.527466	0.912773	-1.09556	0.169116	1.23225	1.23225	0.618855	1.07411	1.07411	0.436829	0.89308	-1.11972		0.811173	0.966455	-1.03471	0.103498	0.775816	-1.28897	0.040337	1.40163	1.40163	0.0153987	1.52789	1.52789	2.665	0.857762	0.2861	1
cg09912211	CHD2;CHD2	0.0911211	0.435194	1.46832	1.46832	0.0106024	1.24708	-2.47808	0.0162263	2.298273	3.35263	0.0252863	1.297742	1.297742	0.0959331	1.466514		?	?	?	0.0953142	1.04886	1.04886	0.24894	0.995106	-1.78957	0.596468	0.772741	-1.2941	2.6658	8.834402	3.27696	1
cg12556134	TGIF2	0.0911217	0.930666	1.03233	1.03233	0.0641961	2.13913	2.13913	0.267346	1.52574	1.52574	0.497905	1.28606	1.28606	0.0591503	0.829816		0.031282	2.51883	2.51883	0.0741168	2.06896	2.06896	0.0298616	2.54569	2.54569	0.797051	0.910081	-1.09888	0.6467	2.66497	5.64211	1.8819	1
cg05115162	PSMB8;PSMB8	0.0911219	0.798995	0.927851	-1.07795	0.10271	0.592159	-1.68871	0.333107	0.74603	-1.34043	0.270264	0.917655	-1.08973	0.819983	1.06918	1.06918		0.003609898	0.914682	-1.1778	0.0523476	0.525692	-1.90912	0.70904	1.11628	1.11628	0.628846	0.866814	-1.15365	2.66497	3.563488	1.2134	1
cg05809898	SNORA60;SNHG11	0.0911225	0.03126	0.2250129	-4.44386	0.497618	0.666039	-1.50141	0.434305	0.624471	-1.60135	0.766133	1.1925	1.1925	0.01868382	0.185934	5.37825		0.233541	0.478469	-2.09	0.0250642	0.207408	-4.8214	0.72722	1.22962	1.22962	0.0749846	0.310256	-3.22315	2.66496	14.7027	4.90402	1
cg22943108	RAB1B	0.0911236	0.161959	0.8025555	-1.24602	0.515906	1.10189	0.108581	1.294913	1.294913	0.137317	0.79	-1.26582	0.371465	0.873557	-1.14473		0.488702	0.901582	-1.10916	0.0130308	0.635244	-1.5742	0.76198	1.23538	1.23538	0.93489	0.088037	-1.01211	2.66495	0.915712	0.305435	1
cg03599618	AGBL4	0.0911248	0.709323	1.0905	1.0905	0.115816	1.48464	1.48464	0.40686	0.281506	0.828879	-1.20646	0.6648691	0.929518	-1.07583	0.0783999	0.720463	-1.388	0.20969	1.3575	1.3575	0.0348855	1.81781	1.81781	0.963004	1.24127	1.24127	0.712913	0.98181	-1.08919	2.66493	2.5582	0.960174	1
cg10085741	STRA6;STRA6;STRA6;STRA6;STRA6	0.0911288	0.182332	0.800485	-1.24924	0.0586182	0.714707	-1.39917	0.880357	0.976597	-1.02396	0.445523	0.877093	-1.14013	0.218475	1.21425	1.21425		0.55359	1.0988	1.0988	0.399675	1.14517	1.14517	0.00722891	0.579861	-1.72455	0.826115	0.965999	-1.0352	2.66488	1.04334	0.348013	1
cg04482003	CYP2U1	0.0911296	0.284803	1.54377	1.54377	0.126452	1.1856	1.18585	0.200909	1.60277	1.60277	0.301909	0.659181	-1.51703	0.0142665	0.307976	-3.247		0.800878	0.906217	-1.10349	0.252782	1.59275	1.59275	0.641952	0.833213	-1.20017	0.125156	1.9094	1.9094	2.66487	6.40853	2.13761	1
cg07285708	TATDN2	0.0911297	0.02009052	1.389743	1.389743	0.0345808	0.935557	-1.06887	0.627281	0.846542	-1.18128	0.438637	0.766875	-1.30959	0.0035502	0.435254	2.2957		0.338724	0.717957	-1.39284	0.039447	0.2266	-4.41281	0.0159776	0.371142	-2.69439	0.26487	4.7645	1.53897	1
cg23279355	CMYA5	0.0911311	0.023933	55.3787	55.3787	0.214339	7.01289	7.01289	0.936502	0.8880063	-1.12605	0.21778	6.90126	6.90126	0.0233678	56.6318	56.6318		0.861534	0.770965	-1.29708	0.207762	7.23585	7.23585	0.470736	2.98384	2.98384	0.0144118	89.4162	89.4162	2.66485	93.6885	31.2508	1
cg27262415	PTPRCAP	0.0911319	0.591331	0.82767	-1.20797	0.133455	0.838346	-1.1922	0.464975	0.692095	-1.44493	0.692095	0.910853	0.0957636	0.77612	-1.28843	0.314589	0.8640278	-1.15963		0.426708	0.893683	-1.11897	0.0105733	1.56122	1.56122	0.175057	1.32115	-1.12115	0.4414493	0.896981	-1.11485	2.66484	0.80987	0.270141	1
cg23322223	EXPH5;EXPH5	0.0911337	0.430252	0.718434	-1.39192	0.799248	0.900441	-1.11032	0.183635	0.560233	-1.78497	0.871195	0.935524	-1.06892	0.00591503	0.2279	-4.38789		0.595162	0.802299	-1.24642	0.0916666	0.475952	-2.10105	0.084127	2.18889	2.18889	0.631324	0.819894	-1.21967	2.66482	7.1198	2.37401	1
cg07785617	LOC643837	0.0911341	0.504915	0.783882	-1.27577	0.134526	0.39706	2.51903	0.0162263	2.298273	3.35263	0.0252863	1.297742	1.297742	0.0959331	1.466514		0.823366	0.829884	-1.20521	0.0596497	0.453571	-2.14882		0.775818	0.882312	-1.13339	0.716144	0.852019	-1.17368	0.391663	0.680533	-1.46944	0.555626	1.29877	1.29877	2.66479	8.11676	2.70749	1
cg04480383	PHIP	0.0911361	0.243726	0.585733	-1.70726	0.0474745	2.70279	2.70279	0.288008	1.62216	1.62216	0.717671	1.17262	1.17262	0.00879496	0.231511	4.31944		0.245147	1.19158	1.19158	0.0205569	0.731388	-1.36726	0.673705	1.04863	1.04863	0.674459	0.95374	-1.0485	2.66477	0.530525	0.176967	1
cg08991391	PPM1A;PPM1A;PPM1A	0.0911381	0.1860568	1.52111	1.52111	0.3906074	0.7427831	1.52512	0.300989	0.66649	-1.5004	0.391191	1.3946	1.3946	0.0309919	2.60841	2.60841		0.661442	0.846344	-1.18155	0.0326118	0.577227	1.73275	0.0745323	2.12155	2.12155	0.0873276	2.0434	2.0434	2.66477	6.04892	2.01774	1
cg21702506	SLC6A15;SLC6A15;SLC6A15	0.0911407	0.378177	0.826663	-1.20968	0.0764435	1.51428	1.51428	0.344438	1.22755	1.22755	0.129962	0.708669	-1.4111	0.0522289	0.628231	-1.59177		0.0563443	0.634492	-1.57606	0.986252	0.996379	-1.00363	0.135754	1.4028	1.4028	0.793528	1.05678	1.05678	2.66473	1.87059	0.623981	1
cg23045425	RNF44	0.0911408	0.944661	1.01505	1.01505	0.238902	1.07746	1.07746	0.363452	1.21959	1.21959	0.0215013	1.30791	1.30791	0.0714477	0.640424	-1.5382		0.173423	0.739319	-1.35242	0.282645	1.67988	1.67988	0.889623	0.990609	-1.01334	0.967473	1.04043	0.647279	1
cg18758622	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0911421	0.645221	0.632529	-1.58096	0.244098	1.02601	1.92601	0.985122	1.01008	1.01008	0.479425	0.660527	-1.51394	0.0372014	0.272282	3.67267		0.772777	1.16849	1.16849	0.00549008	0.14034	-7.12554	0.261728	0.532875	-1.87661	0.711824	0.819087	1.22087	0.64722	12.2086	4.07251	1
cg00181439	HTR1B	0.0911431	0.19116	2.17622	2.17622	0.1010221	2.74291	2.74291	0.132761	2.48761	2.48761	0.891446	0.926151	-1.07974	0.839035	1.12106	1.12106		0.929062	0.951204	-1.0513	0.0265003	4.38343	4.38343	0.00887202	6.49643	6.49643	0.106208	2.69456	2.69456	2.66471	13.3219	4.44389	1
cg04724540	LDB2	0.0911432	0.909616	1.0166	1.0166	0.0539063	1.07746	1.07746	0.354045	1.21959	1.21959	0.218535	1.18855	1.18855	0.250998	1.18536	1.18536		0.844851	1.12395	1.12395	0.298617	1.60704	1.60704	0.642192	0.907267	-1.24288	0.452676	1.11732	1.11732	0.5647	0.887323	0.293092	1
cg06539091	ABLIM1;ABLIM1;ABLIM1	0.0911455	0.275826	0.434682	-2.30053	0.326631	1.10493	2.10493	0.378535	1.94253	1.94253	0.152762	0.324504	-3.08163	0.0576295	0.206427	-4.84434		0.149557	0.321231	-3.11303	0.0100834	0.0959189	-10.8716	0.45402	0.570907	-1.7516	0.169067	0.340682	-2.93526	0.92467	22.795	7.604	1
cg12425673	WNK1	0.0911463	0.47411	1.15963	1.15963	0.0511254	1.14814	1.14814	0.0514693	1.13517	1.13517	0.441605	1.08697	1.08697	0.0188621	1.218823	1.21882		0.024829779	1.07466	1.07466	0.0156497	1.43321	1.43321	0.0678568	1.14088	1.14088	0.0199558	1.37789	1.37789	2.66469	1.85836	0.53187	1
cg08391321	MCC;MCC	0.0911492	0.0336759	1.79624	1.79624	0.0801775	1.58137	1.58137	0.58817	0.878905	-1.13778	0.116529	1.49578	1.49578	0.944911	1.01645	1.01645		0.941849	0.982923	-1.01737	0.0283388	0.542746	-1.84248	0.324836	1.27131	1.27131	0.410524	1.21981	1.21981	2.66463	2.35244	0.784747	1
cg11445384	KIAA1239	0.0911534	0.0910494	0.416877	-2.39879	0.418013	1.47553	1.47553	0.52783	0.740321	-1.35076	0.667353	0.816081	-1.22537	0.562258	0.759261	-1.31707		0.003669121	0.157785	-6.33772	0.0893257	0.414531	-2.41236	0.567501	0.762125	-1.31212	0.720882	1.18369	1.18369	2.66458	9.32452	3.31061	1
cg07655182	CDH6	0.0911554	0.670215	1.08796	1.08796	0.277397	1.42646	1.42646	0.01994	1.59228	1.59228	0.16021	0.979442	-1.02095	0.4034498	0.86802	-1.15206		0.974648	0.994814	-1.00521	0.0290039	1.53141	1.53141	0.77023	1.04969	1.04969	0.071365	1.39578	1.39578	2.66455	1.10705	0.383989	1
cg01932370	CDH4	0.0911573	0.227077	0.836776	-1.19506	0.10957	0.782595	-1.2778	0.0902358	0.769239	-1.29999	0.860356	0.97556	-1.02505	0.888449	1.01992	1.01992		0.037905	1.40248	1.40248	0.232576	1.19232	1.19232	0.0647244	0.747119	-1.33847	0.228935	0.837429	-1.19413	2.66453	0.83127	0.277979	1
cg00183886	USP46	0.0911584	0.61948	1.06249	1.06249	0.148809	0.586975	-1.70394	0.213761	0.56952	1.75652	0.096005	0.87609	-1.14161	0.560452	0.816593	-1.2246		0.210513	0.749896	-1.33367	0.0239455	0.615483	-1.62466	0.0966107	0.870139	-1.14939	0.5104	0.978552	-1.02203	2.66451	0.49023	0.166776	1
cg10254923	FAM173A	0.0911589	0.0661936	0.583006	-1.71525	0.515378	1.18851	1.18851	0.97077	1.00964	1.00964	0.696957	1.10789	1.10789	0.48798	0.831831	-1.20217		0.473686	1.21022	1.21022	0.0818606	0.412102	-2.42658	0.0840969	0.606274	-1.64942	0.364988	1.27599	1.27599	2.66451	1.89307	0.965137	1
cg20778600	SH3D19;SH3D19;SH3D19	0.0911592	0.0421676	0.370848	-2.69652	0.0460622	0.379571	-2.63455	0.0138096	0.2753394	-3.63129	0.545714	0.771731	-1.29579	0.0815429	0.441274	-2.26616		0.122985	0.492572	-2.03016	0.0630521	0.412276	-2.42556	0.280107	0.621396	-1.60928	0.815194	1.10431	1.10431	2.66445	7.57793	2.52803	1
cg06184825	CPNE5	0.0911615	0.0953154	0.543204	-1.84052	0.0853582	1.14552	1.14552	0.0513455	1.13517	1.13517	0.441605	1.08697	1.08697	0.0188621	1.218823	1.21882		0.038312	1.04826	1.04826	0.731137	0.864206	-1.15756	0.226479	0.644852	-1.55116	0.222179	0.448752	-2.2284	0.64648	0.49023	1.66776	1
cg02425285	KIAA1804	0.0911619	0.367794	1.30766	1.30766	0.318509	1.34843	1.34843	0.603377	0.858275	1.16513	0.0903159	1.71805	1.71805	0.0249728	0.461411	-2.16726		0.326807	1.34115	1.34115	0.0761391	1.59665	1.59665	0.757826	1.09382	1.09382	0.664947	1.34779	1.34779	1.18357	1			
cg16225496	SPATA8	0.0911649	0.0496249	0.6426	1.55641	0.0906974	0.742783	1.34612	0.300989	0.66649	-1.5004	0.391191	1.3946	1.3946	0.0309919	2.60841	2.60841		0.661442	0.846344	-1.18155	0.0326118	0.577227	1.73275	0.0745323	2.12155	2.12155	0.0873276	2.0434	2.0434	2.66477	6.04892	2.01774	1
cg14835962	THAP7;THAP7;FLJ39582;FLJ39582	0.0911663	0.656912	1.05584	1.05584	0.00750038	0.519455	1.51945	0.337411	1.12774	1.12774	0.199879	0.848217	-1.17894	0.632342	1.06034	1.06034		0.186378	0.843427	-1.18564	0.460961	0.9128	-1.09553	0.237682	1.16225	1.16225	0.155417	1.20296	1.20296	2.66442	0.623527	0.208018	1
cg08349225	PLCL1	0.0911671	0.047409	0.309223	-3.23192	0.163601	0.7681	1.30158	0.0525659	1.30791	1.30791	0.0714477	0.640424	-1.5382					0.160554	0.402826	-2.17269	0.0719303	0.352614	-2.83596	0.0814303	0.808352	-1.12877	0.0738864	0.919646	-2.78051	2.66441	11.308	3.77357	1
cg00399319	TEX15	0.0911684	0.749166	0.889911	-1.12396	0.766901	1.14464	1.12464	0.238977	0.644194	-1.55227	0.0409931	0.499518	0.816818	0.155757	-1.7935			0.242928	0.650495	-1.53729	0.26572	0.354283	-2.8226	0.0107413	0.283657	-3.55042	0.10287	0.493935	-2.02456	0.66439	0.59299	2.19954	1
cg00801636	C14orf80;C14orf80;C14orf80	0.0911727	0.731229	1.06778	1.06778	0.165854	0.754963	-1.32457	0.301447	1.22586	1.22586	0.829377	0.959781	-1.0419	0.185143	0.765445	-1.30643		0.811511	0.955574	-1.04649	0.00296653	0.460393	-2.17206	0.358037	0.835451	-1.19696	0.513176	0.881491	-1.13444	0.66434	1.52673	0.509356	1
cg01159432	KNDC1	0.0911734	0.0939102	1.06433	1.06433	0.0358453	1.16384	1.16384	0.0886855	1.27237	1.27237	0.975482	1.02626	1.02626	0.0960139	0.760589	-1.31505		0.738334	1.1088	1.1088	0.0923545	1.29273	1.29273	0.0960139	1.10924	1.10924	0.454632	0.673817	-1.48408	0.111995	1.39732	1.39732	0.66434	1.1386	1.78284	1
cg05763609	ABI3BP	0.0911739	0.645371	0.804989	-1.23535	0.758314	1.15116	1.15116	0.264875	0.58861	-1.69892	0.0206947	0.280664	-3.56298	0.00905655	0.220268	-4.53992		0.040924	0.34093	-2.93339	0.893172	0.940015	-1.06381	0.503788	0.733862	-1.36265	0.974736	1.01455	1.01455	2.66432	8.77808	2.9286	1
cg01066033	THAP4;THAP4;THAP4	0.0911765	0.0460753	0.15544	-6.43924	0.160027	3.38126	3.38126	0.300786	2.38723	2.38723	0.472664	0.552778	-1.80905	0.0989957	0.239417	-4.33906		0.40404	0.500106	-1.99958	0.196646	0.330254	-3.02797	0.513781	1.71153	1.71153	0.0247732	0.114207	-8.74912	2.66429	27.7913	9.27204	1
cg06116732	GAK	0.0911775	0.547495	0.87784	1.14002	0.573387	1.139	1.139	0.0162263	2.298273	3.35263	0.0252863	1.297742	1.297742	0.0959331	1.466514		0.08272122	0.643928	-1.55297	0.275737	1.28658	1.28658	0.973161	0.992323	-1.00774	0.0178802	1.517198	-1.9335	2.66428	2.24614	0.738705	1
cg26941801	ZAR1L	0.0911771	0.898679	0.940067	-1.06375	0.635772	0.363511	-2.75095	0.0466596	0.331147	-3.01981	0.0366085	0.307794	-3.24893	0.0493647	0.643607	0.797738	-1.25354	0.558267	0.750338	-1.33273	0.0142593	0.23074	-4.33389	0.597373	1.29848	1.29848	0.0149	1.422289	2.36245	2.66428	9.93219	3.33169	1
cg02742214	C6orf114;GFOD1	0.0911782	0.0460753	0.15544	-6.43924	0.160027	1.1554	1.1554	0.54	1.1353	1.1353	0.777718	0.949493	-1.05326	0.320996	0.784251	-1.31785		0.902122	1.07312	-1.07312	0.102953	2.75617	2.75617	0.0193643	4.98809	4.98809	0.0456303	1.67839	3.67839	2.66427	13.6283	4.54684	1
cg02742412	SYTL1	0.0911783	0.0626804	0.328839	3.28839	0.0216857	4.78949	4.78949	0.427286	1.58507	1.58507	0.0798423	0.01814	0.01814	0.426205	1.58685	1.58685		0.901202	1.07312	-1.07312	0.102953	2.75617	2.75617	0.0193643	4.98809	4.98809	0.0456303	1.67839	3.67839	2.66427	13.6283	4.54684	1
cg07447015	ANKRD11	0.0911788	0.711971	1.02988	1.02988	0.0166024	1.49495	1.49495	0.0265572	1.85997	1.85997	0.718684	0.830405	-1.20423	0.0568207	0.530328	-1.02546		0.801704	0.878725	-1.13801	0.463803	1.46421	1.46421	0.504199	1.41652	1.41652	0.620167	1.29262	1.29262	2.66425	11.1372	3.71597	1
cg05107361	CCDC88C	0.0911833	0.548526	0.901088	-1.10977	0.299816	2.12042	1.20242	0.482284	1.13034	1.13034	0.631813	1.08635	1.08635	0.934553	0.91013	-1.09853		0.024676	1.58237	1.58237	0.647257	0.67351	-1.48476	0.206712	1.795755	-1.25667	0.26421	1.24189	0.414344	1			
cg11037424	PRPF6;PRPF6	0.0911883	0.85928	0.979266	-1.02117	0.0890869	1.2478	1.2478	0.0541275	1.29442	1.29442	0.740797	0.961565	-1.03997	0.100128	1.23701	1.23701		0.263379	0.871397	-1.14758	0.956499	0.993581	-1.00646	0.568057	1.07039	1.07039	0.0104448	1.46318	1.46318	2.66415	0.588145	0.196234	1
cg05131984	TYRP1;TRPV1;TRPV1	0.0911885	0.482342	1.66301	1.66301	0.470344	0.504324	-1.98265	0.0271993	0.212615	-4.70255	0.0212262	0.184656	0.0598182	0.52304	-1.91191	0.559188	1.52304	0.773082	1.1488	1.1488	0.0554226	0.2091	-4.78244	0.0993547	0.163685	-6.10977	0.0705586	-1.41833	0.0190508	-2.08312	2.66375	27.4815	10.0503	1
cg13673567	LAMA5	0.0911901	0.589211	0.912079	-1.0964	0.0259393	0.639996	-1.56251	0.914203	0.981972	-1.01836	0.437467	1.14306	1.14306	0.292242	1.20258	1.20258		0.790378	0.956022	-1.046	0.628236	1.38388	1.38388	0.154398	1.31258	1.19286	1.19286	0.16883	1.28081	1.28081	2.66412	1.20239	0.401181	1
cg17815886	CCDC159;TMEM205;TMEM205;TMEM M5	0.0912116	0.414967	0.824546	-1.21279	0.0380447	1.74504	1.74504	0.100177	1.51745	1.51745	0.322821	0.789429	-1.26674	0.0806242	0.638513	-1.56614		0.469772	0.843442	-1.18562	0.327896	1.26342	1.26342	0.0717428	1.5928	1.5928	0.539073	0.865906	-1.15486	2.66373	2.26145	0.754648	1
cg18456549	FAM70A;FAM70A;FAM70A	0.0912224	0.536426	0.838321	-1.19252	0.0776771	1.16163	1.16163	0.0555118	1.16034	1.16034	0.95859	1.0099	1.0099	0.0246142	1.25721	1.25721		0.39275	1.18075	1.18075	0.0461799	0.869015	-1.15072	0.0919708	-1.09805	0.6263381	0.603812	-1.65614	0.6672	2.66371	1.51927	0.506982	1
cg17213552	DLAT;DLAT	0.0912229	0.456263	0.869535	-1.15103	0.594505	1.10331	1.10331	0.749126	0.884102	-1.13092	0.479245	0.908182	-1.10129	0.0177341	0.742972	-1.34647		0.214462	0.787273	-1.27021	0.00738874	0.533699	-1.87074	0.0349439	0.636833	-1.57027	0.179103	0.704243	-1.29829	0.66372	1.4	0.475122	1
cg04098194	ACAP3	0.0912242	0.807797	0.923912	-1.08235	0.0417258	2.14302	2.14302	0.677556	1.14542	1.14542	0.102811	0.560154	-1.78522	0.0272288	2.33632	2.33632		0.989554	0.99592	-1.0041	0.0803993	0.532737	-1.8771	0.311083	1.40537	1.40537	0.85567	1.0609	1.0609	2.6637	4.44794	1.4843	1
cg04274340	SNRPA	0.0912245	0.45643	1.48283	1.48283	0.0106024	1.24071	1.24071	0.341753	1.34932	1.34932	0.0252863	1.297742	1.297742	0.0959331	1.466514		0.455995	0.824392	-1.2131	0.0014829	0.376848	-2.73556	0.0219883	1.39832	1.39832	0.108861	1.60282	1.60282	2.66365	2.97651	0.899057	1
cg09354585	GIA8	0.0912313	0.129202	0.366189	-2.73083	0.853086	1.1203	1.1203	0.0516826	0.16286	-6.14024	0.0222442	0.186536	-5.3609	0.0021598	0.334157	2.9926		0.0312884	2.212637	4.70286	0.773272	0.837776	-1.19364	0.280126	0.592599	-1.68966	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11776676	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34	0.0913052	?	?	?	0.0990448	2.80173	2.80173	0.0256263	4.7506	4.7506	0.242607	1.98308	1.98308	?	?	?	0.165752	0.434569	-2.30113	?	?	?	0.824924	1.12985	1.12985	0.107531	2.71533	2.71533	3.20099	9.76231	3.04978	1
cg00556279	TMEM233;TMEM233	0.0913059	0.419776	1.24815	1.24815	0.0399946	1.89325	1.89325	0.0789855	1.68958	1.68958	0.534376	0.844333	-1.18437	0.645453	0.882873	-1.13267	0.158543	0.666785	-1.49973	0.103549	0.619573	-1.61401	0.0606164	1.76622	1.76622	0.617731	1.14488	1.14488	2.66269	3.04925	1.01793	1
cg03055888	COX16	0.0913064	0.956912	0.989192	-1.01093	0.00754718	1.99646	1.99646	0.0285566	1.68142	1.68142	0.871414	0.967944	-1.03312	0.233606	1.28553	1.28553	0.433676	1.17431	1.17431	0.0415778	1.60412	1.60412	0.931121	0.982763	-1.01754	0.687946	1.0846	1.0846	2.66269	1.70595	0.5695	1
cg25137030	C15orf48;C15orf48	0.0913067	0.037694	31.7926	31.7926	0.0735237	17.5181	17.5181	0.157201	8.76574	8.76574	0.0653096	19.4759	19.4759	0.281458	4.98454	4.98454	0.226356	6.19	6.19	0.0283545	41.014	41.014	0.0244262	46.8978	46.8978	0.0529031	23.5024	23.5024	2.66268	86.8436	28.9912	1
cg12615165	GATA6	0.0913081	0.679625	1.46226	1.46226	0.13429	0.228212	-4.38188	0.090023	5.52756	5.52756	0.158739	3.96857	3.96857	0.772277	1.30411	1.30411	0.315197	0.386623	-2.5865	0.944255	0.938017	-1.06608	0.00964241	20.0376	20.0376	0.203017	3.41997	3.41997	2.66267	35.3087	11.7872	1
cg03154226	OR5D14	0.0913093	0.0233053	0.21817	-4.58359	0.0369128	0.256381	-3.90045	0.0856063	0.344008	-2.90691	0.169343	0.439446	-2.27559	0.531655	0.700603	-1.42734	0.0311788	0.241679	-4.13772	0.0472976	0.279545	-3.57724	0.131878	0.401179	-2.49265	0.0847135	0.34274	-2.91766	2.66265	13.3005	4.44017	1
cg18140824	MASP1;MASP1;MASP1	0.0913112	0.435092	1.43875	1.43875	0.216876	1.8104	1.8104	0.132402	2.09961	2.09961	0.00785186	4.75054	4.75054	0.998508	0.999146	-1.00085	0.102826	2.25981	2.25981	0.0641241	2.58666	2.58666	0.028705	3.25021	3.25021	0.837621	1.09827	1.09827	2.66263	8.79967	2.93767	1
cg27049070	SORBS3;SORBS3	0.0913166	0.663182	1.18997	1.18997	0.583169	1.24603	1.24603	0.747683	0.879758	-1.13668	0.672755	0.844834	-1.18366	0.0148811	0.304574	-3.28328	0.349464	1.46561	1.46561	0.0123041	0.290152	-3.44648	0.420512	1.3863	1.3863	0.863183	1.07085	1.07085	2.66256	6.64294	2.21773	1
cg13049471	ST6GALNAC1	0.0913167	0.836152	0.946272	-1.05678	0.0247182	0.490141	-2.04023	0.0100331	0.42035	-2.37897	0.864283	0.955405	-1.04668	0.66995	0.891962	-1.12112	0.576809	1.16223	1.16223	0.0402455	0.531551	-1.88129	0.854625	0.952268	-1.05012	0.177901	0.682651	-1.46488	2.66256	2.99867	1.0011	1
cg02117086	B3GNT7	0.0913197	0.0191185	0.425781	-2.34863	0.817573	1.07204	1.07204	0.938651	0.977091	-1.02345	0.725317	0.899234	-1.11206	0.0226702	0.439792	-2.2738	0.63439	0.865677	-1.15516	0.0961416	1.73347	1.73347	0.317195	1.36522	1.36522	0.326647	0.737197	-1.35649	2.66252	3.8226	1.27618	1
cg00368989	GTF2A2	0.0913198	0.0276256	1.6708	1.6708	0.646324	0.915059	-1.09283	0.73122	1.06846	1.06846	0.607929	1.10455	1.10455	0.92237	1.01888	1.01888	0.0276031	0.598453	-1.67097	0.0882204	0.693069	-1.44286	0.118079	0.719014	-1.39079	0.489574	0.873685	-1.14458	2.83984	1.62173	0.444163	1
cg15035459	RBM15B	0.0913206	0.694132	1.07508	1.07508	0.0167033	1.70772	1.70772	0.0579791	1.48077	1.48077	0.704069	1.0724	1.0724	0.445635	0.867262	-1.15305	0.784526	1.05149	1.05149	0.0499793	0.664014	-1.50599	0.31247	0.825816	-1.21092	0.653052	0.920457	-1.08642	2.66251	1.41486	0.472355	1
cg26039217	VIT	0.0913223	0.865606	1.02725	1.02725	0.899583	0.980163	-1.02024	0.0874374	0.741215	-1.34914	0.633586	1.0792	1.0792	0.223089	0.816127	-1.2253	0.375313	1.15536	1.15536	0.00529172	1.79218	1.79218	0.923296	1.0154	1.0154	0.347002	1.16613	1.16613	2.66249	1.06222	0.354629	1
cg02418055	ZNF415;ZNF415;ZNF415;ZNF415	0.0913224	0.699991	0.875687	-1.14196	0.836642	0.931662	-1.07335	0.792499	0.913575	-1.0946	0.850745	0.937459	-1.06671	0.0179723	0.37318	-2.67967	0.785014	0.910513	-1.09828	0.834095	1.07456	1.07456	0.734373	1.12385	1.12385	0.00432136	0.2704	-3.69822	2.66249	4.9565	1.65476	1
cg16842053	CARD11;CARD11	0.0913253	0.025383	33.0955	33.0955	0.0719377	14.0891	14.0891	0.186786	6.3144	6.3144	0.557085	2.18591	2.18591	0.367339	3.3854	3.3854	0.353538	3.51501	3.51501	0.0658823	15.1432	15.1432	0.0213063	38.258	38.258	0.0215195	37.943	37.943	2.66245	73.1253	24.4137	1
cg03208218	SERINC5	0.0913273	0.860893	1.02555	1.02555	0.570404	0.920822	-1.08599	0.948623	1.00931	1.00931	0.00533762	0.589839	-1.69538	0.846888	1.0282	1.0282	0.712265	1.05473	1.05473	0.0619253	0.739062	-1.35307	0.127168	1.2678	1.2678	0.854526	0.973946	-1.02675	2.66243	0.872419	0.291269	1
cg18709306	NCK2;NCK2	0.091329	0.166982	0.455062	-2.1975	0.198721	2.06633	2.06633	0.209009	2.02928	2.02928	0.191513	0.477617	-2.09373	0.0114174	0.184181	-5.42945	0.773374	0.85702	-1.16683	0.313353	1.74587	1.74587	0.910053	0.941395	-1.06225	0.150931	0.439312	-2.27629	2.66241	12.0416	4.0203	1
cg24512297	TSPYL5;TSPYL5	0.0913321	0.416827	0.858516	-1.1648	0.0510813	0.66468	-1.50448	0.690937	0.929166	-1.07623	0.154822	0.755838	-1.32304	0.823602	1.0419	1.0419	0.921996	1.01817	1.01817	0.0142682	1.743	1.743	0.220208	0.789014	-1.26741	0.147745	0.751628	-1.33044	2.66237	1.42508	0.475792	1
cg04138171	TRIM39;TRIM39	0.0913322	0.594997	0.795898	-1.25644	0.0112419	0.25891	-3.86234	0.0673232	0.417999	-2.39235	0.0745362	0.429438	-2.32862	0.0787128	0.435706	-2.29512	0.0716882	0.425019	-2.35283	0.416225	0.702205	-1.42409	0.418094	0.703244	-1.42198	0.0289741	0.334413	-2.99031	2.66237	7.63302	2.54845	1
cg04118878	PPA1	0.0913327	0.912512	1.0215	1.0215	0.0815901	0.688258	-1.45294	0.288188	0.807815	-1.23791	0.456026	1.15829	1.15829	0.00850168	0.522005	-1.91569	0.0196638	0.579584	-1.72538	0.542639	0.887557	-1.12669	0.857759	0.965872	-1.03533	0.548127	0.889029	-1.12482	2.66236	1.57964	0.527398	1
cg02707610	ZNF783	0.0913331	0.0712708	0.61821	-1.61757	0.544113	0.86367	-1.15785	0.00623038	0.426921	-2.34235	0.632139	0.891246	-1.12203	0.139277	1.46206	1.46206	0.302504	0.774937	-1.29043	0.649496	0.896534	-1.11541	0.36716	1.2475	1.2475	0.597077	0.880429	-1.13581	2.66236	2.4028	0.802231	1
cg26538093	PDZRN4;PDZRN4	0.0913338	0.986102	1.0024	1.0024	0.0185506	1.48183	1.48183	0.497865	0.909558	-1.09944	0.681356	0.944714	-1.05852	0.218316	0.836634	-1.19527	0.513233	0.91271	-1.09564	0.0220269	1.45984	1.45984	0.745324	0.956097	-1.04592	0.210125	0.833663	-1.19953	2.66235	0.800109	0.267135	1
cg23357533	C13orf15	0.0913381	0.760525	1.10101	1.10101	0.056477	0.506749	-1.97336	0.283545	0.704186	-1.42008	0.269976	1.43559	1.43559	0.0699884	0.528489	-1.89219	0.529594	0.818352	-1.22197	0.0816143	0.544699	-1.83588	0.0397629	2.11348	2.11348	0.728292	0.896031	-1.11603	2.6623	4.17794	1.39493	1
cg00202496	CLEC16A	0.091343	0.0257952	0.283586	-3.52627	0.66216	0.81115	-1.23282	0.117218	0.444821	-2.2481	0.698851	0.831047	-1.2033	0.0192135	0.259619	-3.8518	0.115682	0.443046	-2.2571	0.219157	0.540539	-1.85001	0.0194864	0.260724	-3.83547	0.124835	0.453409	-2.20552	2.66224	9.55562	3.19051	1
cg02713266	SLC4A10	0.091345	0.0272122	0.604829	-1.65336	0.0662806	1.48626	1.48626	0.0403847	1.57692	1.57692	0.664832	1.08747	1.08747	0.7394	1.06633	1.06633	0.903144	0.976853	-1.0237	0.15006	0.743175	-1.34558	0.629121	1.09814	1.09814	0.341942	1.20728	1.20728	2.66221	1.56033	0.520979	1
cg05342945	COL2A1;COL2A1	0.0913483	0.228403	0.648143	-1.54287	0.670481	0.863454	-1.15814	0.0665061	0.493683	-2.02559	0.0821473	0.516522	-1.93603	0.0230155	0.39352	-2.54116	0.212716	1.56862	1.56862	0.0442173	0.452549	-2.2097	0.0885058	0.524869	-1.90524	0.429982	0.758553	-1.3183	2.66217	4.96111	1.6565	1
cg24698780	IGSF5	0.0913488	0.255599	0.789612	-1.26644	0.0733687	0.672082	-1.48791	0.00830478	0.510915	-1.95727	0.299069	0.807178	-1.23888	0.132066	0.723608	-1.38196	0.0553273	0.648994	-1.54085	0.890483	0.972952	-1.0278	0.446722	1.16691	1.16691	0.107239	0.70474	-1.41896	2.66216	1.67019	0.557672	1
cg14671328	TCAM1	0.0913504	0.648838	1.09263	1.09263	0.315244	0.818195	-1.2222	0.481649	0.870926	-1.1482	0.797145	0.951446	-1.05103	0.002448	0.44285	-2.2581	0.800299	1.0502	1.0502	0.395433	1.18314	1.18314	0.205742	0.772647	-1.29425	0.995457	1.0011	1.0011	2.66214	1.5742	0.525625	1
cg01242903	DUSP6;DUSP6	0.091353	0.735437	1.09288	1.09288	0.114255	0.637701	-1.56813	0.430681	0.810069	-1.23446	0.879187	1.04064	1.04064	0.456308	1.21979	1.21979	0.0299494	1.95187	1.95187	0.0255176	0.499063	-2.00376	0.123107	0.645691	-1.54873	0.582887	0.864813	-1.15632	2.66211	2.8914	0.96545	1
cg06992390	VPS4A	0.0913541	0.832766	1.1354	1.1354	0.0811407	3.19393	3.19393	0.626725	0.745025	-1.34224	0.720965	0.80623	-1.24034	0.013943	0.161396	-6.19596	0.115888	0.358332	-2.79071	0.0906833	0.326481	-3.06297	0.977437	1.01713	1.01713	0.0984638	0.336799	-2.96913	2.6621	15.2062	5.07743	1
cg02049522	MLF2;MLF2	0.0913542	0.131542	1.21012	1.21012	0.581525	1.06739	1.06739	0.0216517	1.38129	1.38129	0.297146	1.13499	1.13499	0.0374814	1.32685	1.32685	0.122114	1.21688	1.21688	0.950435	0.992744	-1.00731	0.0245397	1.36861	1.36861	0.0457856	1.30767	1.30767	2.6621	0.578637	0.19321	1
cg01728712	MFAP2;MFAP2;MFAP2;MFAP2	0.0913543	0.151135	0.670477	-1.49148	0.220584	0.715573	-1.39748	0.242575	0.727744	-1.37411	0.828539	0.945195	-1.05798	0.211192	0.710124	-1.40821	0.0407829	0.541343	-1.84726	0.251797	0.73263	-1.36495	0.054772	0.56773	-1.7614	0.00505384	0.381591	-2.62061	2.6621	2.84721	0.9507	1
cg19980151	FLJ42709;FLJ42709	0.0913562	0.0692793	0.392674	-2.54664	0.96638	1.01958	1.01958	0.0971735	2.31016	2.31016	0.861507	1.08363	1.08363	0.0169559	0.262001	-3.81679	0.195842	0.533036	-1.87605	0.131984	0.473408	-2.11234	0.4092	1.47438	1.47438	0.297783	0.608685	-1.64289	2.66207	8.91961	2.97833	1
cg10796099	C5orf30	0.0913597	0.403339	1.09337	1.09337	0.633721	0.951127	-1.05138	0.0179612	1.35005	1.35005	0.151019	1.17425	1.17425	0.452488	0.923216	-1.08317	0.656394	1.04785	1.04785	0.0333469	0.771376	-1.29639	0.573983	0.94243	-1.06109	0.205256	1.1497	1.1497	2.66203	0.459364	0.153388	1
cg24909660	NR1H3	0.0913598	0.169597	0.403091	-2.48083	0.0094529	0.129711	-7.70943	0.249759	0.473807	-2.11057	0.119266	0.349983	-2.85729	0.0723558	0.287871	-3.47378	0.154812	0.388443	-2.57438	0.0383734	0.22536	-4.43735	0.0430998	0.23569	-4.24286	0.149499	0.383008	-2.61091	2.66203	16.2588	5.42904	1
cg06653572	PKD1;PKD1	0.0913615	0.995193	1.00238	1.00238	0.289744	1.54373	1.54373	0.0316686	2.70576	2.70576	0.458673	1.34738	1.34738	0.26651	0.632885	-1.58006	0.886884	0.94531	-1.05785	0.00980237	0.275205	-3.63365	0.981444	0.990852	-1.00923	0.720485	0.867643	-1.15255	2.66201	6.58297	2.19816	1
cg00238349	WDR51A;WDR51A;WDR51A	0.0913617	0.23116	0.756992	-1.32102	0.0481275	0.606121	-1.64983	0.377228	0.818043	-1.22243	0.733585	1.07867	1.07867	0.136146	0.700506	-1.42754	0.64746	0.902978	-1.10745	0.00641264	0.455641	-2.19471	0.0472882	0.604655	-1.65383	0.959719	1.01126	1.01126	2.66201	2.07145	0.691691	1
cg14027957	PDPN;PDPN;PDPN;PDPN	0.0913636	0.0461313	0.282077	-3.54513	0.027366	0.235589	-4.24467	0.251867	0.515322	-1.94053	0.490309	0.678357	-1.47415	0.0132643	0.182719	-5.47289	0.242802	0.508153	-1.96791	0.0468448	0.28357	-3.52647	0.0688456	0.323758	-3.08872	0.349209	0.586412	-1.70529	2.66198	12.9324	4.31837	1
cg17861458	DIP2C	0.091364	0.463582	1.16026	1.16026	0.520189	1.13868	1.13868	0.00929286	1.92999	1.92999	0.572894	0.8927	-1.1202	0.0294969	1.66648	1.66648	0.696514	1.08122	1.08122	0.0405539	1.60194	1.60194	0.60885	0.902281	-1.1083	0.917329	1.0209	1.0209	2.66198	1.67354	0.558831	1
cg27011620	CRADD	0.0913649	0.688231	0.926804	-1.07898	0.790123	0.950973	-1.05155	0.0407254	1.56081	1.56081	0.771524	1.0564	1.0564	0.0166356	1.73509	1.73509	0.134991	1.3548	1.3548	0.286532	1.23191	1.23191	0.0248929	1.65381	1.65381	0.121093	1.37269	1.37269	2.66197	1.49722	0.499955	1
cg22158929	CCHCR1;TCF19;CCHCR1;TCF19;CCHCR1;CCHCR1;CCHCR1	0.0913657	0.400094	0.83743	-1.19413	0.4576	1.1686	1.1686	0.0222166	1.75872	1.75872	0.0620275	1.54154	1.54154	0.109803	0.69834	-1.43197	0.175637	0.743326	-1.3453	0.863271	0.96512	-1.03614	0.541387	0.880434	-1.1358	0.211963	1.31104	1.31104	2.66196	1.78861	0.597258	1
cg02365539	MAD1L1;MAD1L1;MAD1L1	0.0913661	0.199966	0.65555	-1.52544	0.263294	0.695088	-1.43867	0.0136153	0.38598	-2.59081	0.213068	0.664328	-1.50528	0.105779	0.576344	-1.73508	0.988647	1.00445	1.00445	0.159931	1.59728	1.59728	0.873562	1.05092	1.05092	0.0427907	0.483242	-2.06936	2.66195	4.10095	1.36941	1
ch.5.1150601F	DEPDC1B;DEPDC1B	0.0913671	0.792241	1.10136	1.10136	0.15664	0.571366	-1.75019	0.311438	1.46942	1.46942	?	?	?	0.717352	0.875465	-1.14225	0.174179	1.70505	1.70505	0.00721043	0.266759	-3.74871	0.312745	0.681304	-1.46777	0.787617	0.905959	-1.1038	2.86871	5.28477	1.61194	1
cg00412094	SH3BP2	0.0913705	0.351097	1.17709	1.17709	0.638228	1.08378	1.08378	0.0277452	0.642754	-1.5558	0.889639	0.976689	-1.02387	0.562148	1.10469	1.10469	0.389113	1.16177	1.16177	0.00854844	1.76826	1.76826	0.305626	1.19747	1.19747	0.969917	1.00643	1.00643	2.6619	1.21682	0.406335	1
cg18150885	RAP1GAP;RAP1GAP;RAP1GAP	0.0913721	0.403927	1.22988	1.22988	0.512757	1.17449	1.17449	0.948546	0.984486	-1.01576	0.0639049	1.65627	1.65627	0.00611576	0.420258	-2.37949	0.283969	0.763625	-1.30954	0.430037	1.2155	1.2155	0.787908	0.936758	-1.06751	0.926087	0.97777	-1.02274	2.66188	2.47461	0.826355	1
cg12191107	RARS2	0.0913727	0.0463233	0.22245	-4.4954	0.0679625	0.260231	-3.84274	0.202412	0.412202	-2.42599	0.180641	0.392148	-2.55006	0.135798	0.346954	-2.88223	0.105433	0.311968	-3.20546	0.00735831	0.102826	-9.72514	0.267863	0.467649	-2.13836	0.0603419	0.247853	-4.03465	2.66187	18.2816	6.10484	1
cg00409000	NHS	0.091373	0.138472	0.304109	-3.2883	0.00621982	0.0698094	-14.3247	0.224998	0.386301	-2.58866	0.0843121	4.15883	4.15883	0.682909	0.735993	-1.35871	0.17815	0.343762	-2.90899	0.47348	0.580349	-1.7231	0.750149	0.787853	-1.26927	0.918187	0.926183	-1.0797	2.66187	23.483	7.84179	1
cg00237565	NGLY1;NGLY1;NGLY1;NGLY1	0.0913745	0.893441	1.02377	1.02377	0.00260201	2.07789	2.07789	0.510318	1.12421	1.12421	0.985916	0.99691	-1.0031	0.112199	1.3542	1.3542	0.729394	1.06278	1.06278	0.635743	0.919751	-1.08725	0.599992	0.911402	-1.09721	0.206039	1.26347	1.26347	2.66185	1.29582	0.432723	1
cg17256253	DGKQ	0.0913763	0.105315	0.779189	-1.28339	0.371655	0.878685	-1.13806	0.445347	0.896111	-1.11593	0.00872239	1.60186	1.60186	0.374441	0.879381	-1.13716	0.0947996	1.29546	1.29546	0.693495	1.05744	1.05744	0.871853	0.977497	-1.02302	0.70225	0.947285	-1.05565	2.66183	0.838037	0.279854	1
cg09279803	SETD3;SETD3	0.0913766	0.529216	1.16826	1.16826	0.750452	0.925106	-1.08096	0.759194	0.927731	-1.0779	0.390288	0.806726	-1.23958	0.466056	0.834457	-1.19838	0.00254006	0.35989	-2.77863	0.537801	1.1644	1.1644	0.287837	1.30896	1.30896	0.874429	1.03934	1.03934	2.66182	2.50934	0.837969	1
cg20673091	MMEL1	0.091379	0.923335	1.03237	1.03237	0.647148	1.16478	1.16478	0.0855338	0.533097	-1.87583	0.194608	0.635001	-1.5748	0.024337	0.411376	-2.43086	0.158478	0.607177	-1.64697	0.154146	0.603561	-1.65683	0.00962224	0.338	-2.95858	0.359874	0.7323	-1.36556	2.66179	4.61798	1.54215	1
cg16786274	FGF14	0.0913795	0.992469	1.00293	1.00293	0.0604374	1.92601	1.92601	0.117573	1.69246	1.69246	0.860757	0.947098	-1.05586	0.0115209	0.375965	-2.65982	0.501562	1.2351	1.2351	0.687671	0.882402	-1.13327	0.14931	1.61392	1.61392	0.782317	0.91783	-1.08953	2.66179	4.04	1.34914	1
cg15831708	SLC25A11;SLC25A11;SLC25A11	0.0913816	0.87851	1.04427	1.04427	0.0918238	0.591202	-1.69147	0.195042	1.47422	1.47422	0.593534	1.16481	1.16481	0.242902	0.707476	-1.41348	0.0235808	2.15027	2.15027	0.0321884	2.03492	2.03492	0.651434	0.879162	-1.13745	0.552764	1.18537	1.18537	2.66176	3.38051	1.12891	1
cg13250884	LMCD1	0.0913832	0.293203	1.30017	1.30017	0.051897	0.587142	-1.70317	0.950209	0.985079	-1.01515	0.889935	0.967217	-1.03389	0.895209	0.968774	-1.03223	0.0176253	0.499024	-2.00391	0.0666364	0.609522	-1.64063	0.213521	1.37071	1.37071	0.377172	1.24377	1.24377	2.66174	2.44306	0.815859	1
cg14752603	CCDC124	0.0913847	0.759345	0.964513	-1.03679	0.733042	1.04108	1.04108	0.0032325	1.60383	1.60383	0.294733	0.88004	-1.13631	0.680068	0.952409	-1.04997	0.915525	1.01256	1.01256	0.311196	0.884078	-1.13112	0.470495	0.91729	-1.09017	0.308642	1.13191	1.13191	2.66172	0.582934	0.194672	1
cg01378456	GUCY2G	0.0913849	0.0175038	0.468861	-2.13283	0.473655	0.82623	-1.21032	0.218033	0.712204	-1.40409	0.0646853	1.72204	1.72204	0.529605	1.18152	1.18152	0.683187	1.11347	1.11347	0.13791	0.658068	-1.5196	0.263379	0.73683	-1.35716	0.106358	0.630099	-1.58705	2.66172	2.89214	0.965839	1
cg03780851	GRHL2	0.0913871	0.0722731	11.5031	11.5031	0.0604216	13.1762	13.1762	0.18463	5.54782	5.54782	0.238468	4.49727	4.49727	0.0471594	15.8924	15.8924	0.255194	4.24831	4.24831	0.0075189	65.9439	65.9439	0.134108	7.15095	7.15095	0.0845062	10.2122	10.2122	2.66169	62.5067	20.8745	1
cg25404597	MYO5A;MYO5A	0.0913886	0.376842	1.36101	1.36101	0.02187	2.54724	2.54724	0.0852278	1.90933	1.90933	0.0731919	1.97212	1.97212	0.0581434	2.07054	2.07054	0.359079	1.37784	1.37784	0.890176	0.954128	-1.04808	0.0141266	2.79935	2.79935	0.183376	1.61573	1.61573	2.66167	4.86981	1.62631	1
cg11907662	LOC100130691;AGPS	0.0913892	0.444091	0.901583	-1.10916	0.0729625	1.30418	1.30418	0.290118	1.15695	1.15695	0.818403	0.969923	-1.03101	0.960235	1.00664	1.00664	0.35499	0.881307	-1.13468	0.00904851	0.64369	-1.55354	0.227747	1.18309	1.18309	0.36438	1.13175	1.13175	2.66167	0.743282	0.248226	1
cg11382976	GUSBL2	0.0913903	0.626956	1.03393	1.03393	0.174483	1.10342	1.10342	0.514797	0.955995	-1.04603	0.32561	0.933185	-1.0716	0.0719493	0.872096	-1.14666	0.841665	0.986466	-1.01372	0.0454513	1.16919	1.16919	0.14915	0.899971	-1.11115	0.0430216	0.853308	-1.17191	2.66165	0.195671	0.0653466	1
cg08161922	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0913923	0.0538001	0.456612	-2.19004	0.197475	0.617414	-1.61966	0.634512	1.18324	1.18324	0.930326	0.969775	-1.03117	0.23796	0.646019	-1.54794	0.614648	1.19528	1.19528	?	?	?	0.244911	0.650615	-1.53701	0.00669734	0.27595	-3.62384	2.86835	4.8687	1.48521	1
cg07773434	PPP1R14B	0.0913929	0.0326587	2.5704	2.5704	0.41887	0.732024	-1.36608	0.0171275	2.99612	2.99612	0.0339837	2.54646	2.54646	0.279542	1.52891	1.52891	0.895877	1.05069	1.05069	0.118775	1.89545	1.89545	0.664705	1.17903	1.17903	0.148744	1.79475	1.79475	2.66162	6.01205	2.00782	1
cg05387247	FBXO21;FBXO21	0.0913931	0.914604	1.02371	1.02371	0.639591	1.10853	1.10853	0.389669	1.21237	1.21237	0.00815943	2.09521	2.09521	0.166277	1.38052	1.38052	0.132915	1.42502	1.42502	0.0310126	1.73873	1.73873	0.332948	0.803978	-1.24382	0.698978	0.918614	-1.0886	2.66162	2.01178	0.671864	1
cg15903955	C8orf45;C8orf45;C8orf45	0.0913945	0.561205	0.644846	-1.55076	0.00543751	0.0651323	-15.3534	0.0449203	0.179289	-5.57759	0.536596	0.62669	-1.59568	0.0354599	0.160651	-6.22468	0.237186	0.396615	-2.52134	0.618495	0.687354	-1.45485	0.30654	0.453602	-2.20458	0.105834	0.267356	-3.74034	2.6616	23.5078	7.85085	1
cg19382919	LOC440925;SP5	0.091397	0.321584	0.777487	-1.28619	0.0541631	0.584421	-1.71109	0.932296	0.979332	-1.0211	0.94167	0.982175	-1.01815	0.666917	1.11229	1.11229	0.152583	0.686207	-1.45729	0.134823	0.67285	-1.48622	0.0216242	0.507688	-1.96971	0.0666515	1.65769	1.65769	2.66157	2.54644	0.850439	1
cg18067840	BTNL2	0.0913987	0.1748	0.377359	-2.65	0.217858	0.416726	-2.39966	0.120444	0.320661	-3.11856	0.109562	0.307883	-3.24798	0.0152671	0.133782	-7.47485	0.156917	0.359769	-2.77956	0.0245528	0.163904	-6.10114	0.024194	0.162884	-6.13934	0.596121	0.696853	-1.43502	2.66155	19.2206	6.41918	1
cg27459530	KLHDC4	0.0914003	0.213661	0.81496	-1.22705	0.310983	0.848908	-1.17798	0.910133	0.982511	-1.0178	0.027651	0.665731	-1.50211	0.0485212	0.70316	-1.42215	0.908281	0.982152	-1.01817	0.0286813	1.49675	1.49675	0.676804	0.936595	-1.0677	0.366958	0.865173	-1.15584	2.66153	1.02929	0.34376	1
cg20784693	HDAC4	0.0914005	0.0473098	0.140625	-7.11113	0.0268929	0.103757	-9.63791	0.0595472	0.159111	-6.28492	0.112692	0.224799	-4.44842	0.015342	0.0763619	-13.0955	0.0792574	0.185606	-5.38775	0.254872	0.357868	-2.79433	0.24373	0.348439	-2.86994	0.141923	0.255397	-3.91548	2.66153	31.4956	10.5188	1
cg13806964	HCG27	0.0914006	0.0182159	0.596261	-1.67712	0.350995	0.841008	-1.18905	0.315933	0.829415	-1.20567	0.709487	0.934723	-1.06984	0.0994095	0.721956	-1.38513	0.0174676	0.593404	-1.68519	0.0192486	0.600031	-1.66658	0.333746	0.835402	-1.19703	0.170051	0.768275	-1.30162	2.66153	1.3716	0.458083	1
cg05566777	FA2H	0.0914012	0.419391	0.71263	-1.40325	0.00464792	0.213124	-4.69211	0.0579272	0.414672	-2.41154	0.743422	1.1444	1.1444	0.344478	0.670415	-1.49161	0.100864	0.478127	-2.09149	0.156135	0.536326	-1.86454	0.118885	0.49904	-2.00385	0.922011	0.960586	-1.04103	2.66152	7.10788	2.37388	1
cg13164164	PMP22;PMP22;PMP22	0.0914014	0.458577	1.23369	1.23369	0.219957	0.698446	-1.43175	0.00333589	0.329014	-3.03938	0.425133	0.797213	-1.25437	0.839307	1.05812	1.05812	0.30947	0.746272	-1.33999	0.0936403	0.598671	-1.67037	0.462951	0.812289	-1.23109	0.171992	0.667268	-1.49865	2.66152	3.26383	1.09005	1
cg18694169	NKAPL	0.0914025	0.0357608	5.68914	5.68914	0.262184	2.29769	2.29769	0.505256	1.61776	1.61776	0.428053	1.77844	1.77844	0.459936	1.70805	1.70805	0.0575752	0.216961	-4.60911	0.0301136	6.13972	6.13972	0.344805	1.99847	1.99847	0.0768953	4.05442	4.05442	2.6615	21.3423	7.12791	1
cg13385210	IGFBP4	0.0914032	0.132084	1.56244	1.56244	0.637802	1.13905	1.13905	0.907797	0.96869	-1.03232	0.0309552	2.00475	2.00475	0.707431	0.901662	-1.10906	0.232685	1.41003	1.41003	0.80378	0.933933	-1.07074	0.355078	0.770128	-1.29849	0.00814833	2.53412	2.53412	2.66149	3.17755	1.06124	1
cg07545037	HOXC4;HOXC5;HOXC6;HOXC6	0.0914039	0.0415275	4.24622	4.24622	0.484539	1.54811	1.54811	0.796567	0.853048	-1.17227	0.105268	2.97103	2.97103	0.18033	0.41674	-2.39958	0.475336	1.56299	1.56299	0.0449612	4.11925	4.11925	0.0270232	5.00663	5.00663	0.658802	0.760788	-1.31443	2.66149	15.9552	5.32877	1
cg00393247	CLSPN	0.0914043	0.0296078	0.259728	-3.85019	0.0789181	0.358073	-2.79273	0.122415	0.414287	-2.41378	0.28427	0.556802	-1.79597	0.0595072	0.326402	-3.06371	0.320722	0.582704	-1.71614	0.00747774	0.163209	-6.12711	0.336574	0.59359	-1.68466	0.142312	0.435921	-2.29399	2.66148	11.6803	3.90102	1
cg13118761	TTC8;TTC8;TTC8	0.0914045	0.113801	0.681934	-1.46642	0.137599	0.700615	-1.42732	0.654002	0.904488	-1.1056	0.0402444	0.590186	-1.69438	0.0473736	0.603639	-1.65662	0.46106	1.18172	1.18172	0.784439	1.06291	1.06291	0.221315	1.33117	1.33117	0.13498	1.43125	1.43125	2.66148	2.08697	0.697012	1
cg24584345	MAP7	0.0914083	0.0597299	1.90132	1.90132	0.0464295	0.501646	-1.99344	0.298386	0.721811	-1.3854	0.863359	1.05348	1.05348	0.245618	1.44378	1.44378	0.698587	1.12488	1.12488	0.0290939	2.17675	2.17675	0.151632	1.59137	1.59137	0.695632	1.12626	1.12626	2.66143	3.8553	1.28763	1
cg02647998	TIMP4;SYN2;SYN2	0.0914084	0.231105	0.389612	-2.56666	0.00921107	0.0836802	-11.9503	0.0163813	0.110623	-9.03973	0.724535	0.76682	-1.30409	0.0701661	0.218914	-4.56801	0.0996642	0.258192	-3.87308	0.140239	0.304011	-3.28935	0.255225	0.410106	-2.43839	0.479031	0.582746	-1.71601	2.66143	23.7346	7.92709	1
cg23030090	RPS19	0.0914092	0.798637	1.07686	1.07686	0.634604	1.14876	1.14876	0.442766	0.797166	-1.25444	0.00274006	0.301905	-3.3123	0.468522	0.807636	-1.23818	0.229787	1.44052	1.44052	0.525007	0.829785	-1.20513	0.802606	1.07525	1.07525	0.576794	1.17741	1.17741	2.66142	3.53687	1.18128	1
cg00990769	MATN2;MATN2	0.09141	0.530782	0.728702	-1.3723	0.093738	2.506	2.506	0.880594	1.0778	1.0778	0.479377	1.43105	1.43105	0.00829281	0.185945	-5.37793	0.971652	1.01787	1.01787	0.695468	1.21663	1.21663	0.119834	2.3191	2.3191	0.238222	0.540218	-1.8511	2.66141	10.4724	3.4977	1
cg13183539	FZR1;FZR1;FZR1	0.0914125	0.519693	0.891401	-1.12183	0.0302883	0.638514	-1.56614	0.138733	0.755233	-1.32409	0.590616	0.908774	-1.10038	0.168856	1.29463	1.29463	0.0448661	1.50012	1.50012	0.110498	1.35846	1.35846	0.869022	1.0295	1.0295	0.906872	1.02083	1.02083	2.66138	1.30781	0.436803	1
cg19135982	SKP2;SKP2;LMBRD2	0.0914147	0.10975	1.60204	1.60204	0.341828	1.30311	1.30311	0.0981469	1.63293	1.63293	0.71977	1.10228	1.10228	0.0504189	0.547301	-1.82715	0.138267	1.53939	1.53939	0.0684972	0.576221	-1.73545	0.307246	0.751486	-1.3307	0.779	0.926774	-1.07901	2.66135	3.07975	1.02863	1
cg15769724	FANCI;FANCI	0.0914159	0.714807	1.12141	1.12141	0.0691496	0.529982	-1.88686	0.809802	0.927479	-1.07819	0.627489	1.16496	1.16496	0.717949	0.892923	-1.11992	0.0306423	0.452519	-2.20985	0.0197416	2.40874	2.40874	0.412513	1.29901	1.29901	0.497901	1.23967	1.23967	2.66134	4.10903	1.37242	1
cg22641501	D2HGDH	0.091422	0.170503	0.84645	-1.18141	0.023854	1.36064	1.36064	0.153941	1.19045	1.19045	0.119469	0.824512	-1.21284	0.0622165	0.786818	-1.27094	0.880085	1.01739	1.01739	0.288168	0.881666	-1.13422	0.867733	0.981143	-1.01922	0.690038	1.04685	1.04685	2.66126	0.549795	0.183637	1
cg07641943	SAC3D1;SAC3D1	0.091425	0.00395384	0.211399	-4.7304	?	?	?	0.578168	0.798357	-1.25257	0.184145	0.568466	-1.75912	0.324987	1.50302	1.50302	0.613094	0.815116	-1.22682	0.566278	0.792606	-1.26166	0.763956	1.12833	1.12833	0.462836	1.34934	1.34934	2.69195	6.09111	2.26271	1
cg11644815	INCA1;INCA1;CAMTA2;CAMTA2;CAMTA2;INCA1;CAMTA2;INCA1	0.0914253	0.3678	0.770591	-1.29771	0.494186	0.822365	-1.21601	0.229407	1.42657	1.42657	0.566431	0.849378	-1.17733	0.0243045	0.469427	-2.13026	0.0113929	0.409742	-2.44056	0.139779	0.639169	-1.56453	0.10195	0.603939	-1.6558	0.785725	0.926107	-1.07979	2.66122	3.3446	1.11715	1
cg24428040	C17orf28	0.0914262	0.313642	0.812117	-1.23135	0.00998379	1.91491	1.91491	0.961383	1.00972	1.00972	0.300102	1.23917	1.23917	0.469137	0.863228	-1.15844	0.508954	0.874765	-1.14316	0.0373981	0.61732	-1.61991	0.527064	0.879871	-1.13653	0.646417	1.09663	1.09663	2.66121	1.68085	0.561433	1
cg00462168	KIAA1024	0.091427	0.501449	0.819537	-1.2202	0.0829582	1.75065	1.75065	0.858947	0.949435	-1.05326	0.065996	0.547913	-1.82511	0.0318328	0.48006	-2.08307	0.0767782	0.563204	-1.77556	0.0730675	0.558146	-1.79165	0.665699	1.13519	1.13519	0.846744	1.05807	1.05807	2.6612	3.58617	1.19785	1
cg23874561	PRDM8;PRDM8	0.091429	0.0728288	27.8179	27.8179	0.0630697	32.2854	32.2854	0.190696	10.0016	10.0016	0.165242	11.7031	11.7031	0.0580018	35.2042	35.2042	0.0561545	36.4007	36.4007	0.0182555	116.92	116.92	0.0386462	53.5315	53.5315	0.104518	19.0843	19.0843	2.66118	116.403	38.881	1
cg14487665	PNPLA7;PNPLA7	0.09143	0.356987	0.7366	-1.35759	0.0163263	0.387715	-2.57921	0.0379939	0.460108	-2.1734	0.0918792	0.549455	-1.81998	0.420795	0.766897	-1.30396	0.0278284	0.432171	-2.3139	0.128694	0.588682	-1.69871	0.615113	0.849086	-1.17774	0.0432126	0.472138	-2.11803	2.66116	4.38894	1.466	1
cg07142893	C6orf134	0.0914319	0.252927	1.87029	1.87029	0.0584891	3.11086	3.11086	0.150479	2.25094	2.25094	0.00965405	5.88204	5.88204	0.297152	1.76133	1.76133	0.931015	1.04613	1.04613	0.0936554	0.37736	-2.64999	0.906624	1.06303	1.06303	0.69891	1.22456	1.22456	2.83826	11.9369	3.27112	1
cg06924792	TSNARE1	0.0914324	0.995789	1.00121	1.00121	0.385455	1.22521	1.22521	0.200408	1.36171	1.36171	0.0225129	0.535891	-1.86605	0.446134	0.837545	-1.19397	0.131351	0.689462	-1.45041	0.0987827	1.51165	1.51165	0.875258	1.03651	1.03651	0.0705322	0.630409	-1.58627	2.66113	2.19632	0.73363	1
cg04128095	PLEKHG4B	0.0914325	0.0500088	0.357665	-2.79591	0.0901879	0.423562	-2.36093	0.0490395	0.355671	-2.81159	0.211328	0.545641	-1.83271	0.0165849	0.260248	-3.84249	0.122013	0.462522	-2.16206	0.0613597	0.379197	-2.63715	0.0690214	0.392191	-2.54978	0.0821229	0.412269	-2.4256	2.66113	8.91956	2.97937	1
cg19268386	NIPA1;NIPA1	0.091434	?	?	?	0.505711	0.695789	-1.43722	0.0204642	0.201584	-4.96071	0.126154	2.48448	2.48448	?	?	?	0.986213	0.99081	-1.00928	0.0365166	0.253128	-3.95058	0.287004	0.54946	-1.81997	0.513754	0.700742	-1.42706	3.15428	10.5643	2.87074	1
cg18378551	DLG2	0.0914363	0.50204	0.77576	-1.28906	0.0895699	0.497804	-2.00882	0.109453	1.91633	1.91633	0.0654382	2.16118	2.16118	0.516065	0.782385	-1.27814	0.130646	0.544247	-1.8374	0.0424151	0.418512	-2.38942	0.464038	0.757488	-1.32015	0.490396	1.29834	1.29834	2.66109	5.8538	1.95536	1
cg21101298	PTPRD;PTPRD	0.0914368	0.646593	1.06795	1.06795	0.376133	1.13807	1.13807	0.0064315	1.65649	1.65649	0.547528	1.09054	1.09054	0.143346	1.251	1.251	0.465345	0.899601	-1.1116	0.109936	0.780266	-1.28161	0.421096	0.889552	-1.12416	0.678625	0.942394	-1.06113	2.66108	0.854619	0.285471	1
cg09456971	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.0914372	0.130773	1.5029	1.5029	0.937998	1.01961	1.01961	0.731065	1.08996	1.08996	0.758442	1.08006	1.08006	0.425693	1.22519	1.22519	0.478016	0.835185	-1.19734	0.026867	1.92433	1.92433	0.00523451	2.50838	2.50838	0.994531	0.99829	-1.00171	2.66108	2.6272	0.877572	1
cg01489441	MAPK8IP3;MAPK8IP3	0.091439	0.414363	2.336	2.336	0.00359004	55.1419	55.1419	0.0566472	8.96993	8.96993	0.507894	1.9799	1.9799	0.956083	1.0576	1.0576	0.854913	1.20457	1.20457	0.121547	5.51132	5.51132	0.0915697	6.61338	6.61338	0.84301	1.22339	1.22339	2.66105	43.5765	14.5562	1
cg17633523	PGAP3	0.0914404	0.0839925	0.754565	-1.32527	0.464896	1.11577	1.11577	0.868963	0.975975	-1.02462	0.992336	0.998586	-1.00142	0.966287	1.00624	1.00624	0.0796931	1.3317	1.3317	0.0104192	1.6081	1.6081	0.216297	0.825602	-1.21124	0.559051	0.916658	-1.09092	2.66104	0.914267	0.305401	1
cg24935042	CMPK2	0.0914427	0.0349233	0.255807	-3.90919	0.0761125	2.98813	2.98813	0.339938	1.72546	1.72546	0.658079	0.781113	-1.28022	0.0841597	0.346532	-2.88573	0.221547	0.490341	-2.0394	0.100015	0.368029	-2.71718	0.19408	0.466721	-2.14261	0.178615	0.452677	-2.20908	2.66101	12.9645	4.3307	1
cg22662788	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.0914443	0.479794	0.917819	-1.08954	0.804146	1.03011	1.03011	0.244996	1.15625	1.15625	0.24847	0.865871	-1.15491	0.213953	1.16907	1.16907	0.269287	1.14722	1.14722	0.00519025	0.643775	-1.55334	0.915972	0.98748	-1.01268	0.670389	1.05244	1.05244	2.66099	0.600606	0.200629	1
cg02567488	PSMB9;PSMB9;TAP1	0.0914467	0.0213514	0.140813	-7.10164	0.033271	0.171457	-5.83236	0.284682	0.454937	-2.19811	0.0905288	0.266676	-3.74988	0.122899	0.305876	-3.2693	0.0641291	0.228918	-4.36838	0.0928423	0.26969	-3.70796	0.362097	1.94233	1.94233	0.332955	0.492729	-2.02951	2.66096	21.1669	7.07077	1
cg27333283	GDE1	0.0914517	0.847444	1.05346	1.05346	0.0606695	1.77156	1.77156	0.553902	1.17575	1.17575	0.460589	0.816173	-1.22523	0.0520755	0.550173	-1.81761	0.357896	1.2913	1.2913	0.101603	1.62357	1.62357	0.0640529	1.75547	1.75547	0.172874	0.675557	-1.48026	2.6609	3.0812	1.02929	1
cg06821199	CPLX1	0.0914541	0.0609147	7.06943	7.06943	0.330911	2.53157	2.53157	0.452626	2.03075	2.03075	0.148903	4.19219	4.19219	?	?	?	0.168159	3.89543	3.89543	0.0196498	13.5929	13.5929	0.0198273	13.5215	13.5215	0.0654863	6.78082	6.78082	2.69158	32.4815	12.0678	1
cg11791526	TBC1D10C	0.091455	0.115287	0.540205	-1.85115	0.616867	0.834093	-1.19891	0.709521	0.874972	-1.14405	0.343485	0.704	-1.42045	0.0111311	0.318365	-3.14105	0.696041	1.15166	1.15166	0.0457336	2.27906	2.27906	0.668447	0.856454	-1.1676	0.159973	0.582768	-1.71595	2.66086	5.45107	1.82099	1
cg02742555	INSC;INSC	0.0914556	0.0286315	0.320642	-3.11874	0.519385	0.749965	-1.33339	0.047643	0.368682	-2.71237	0.117069	0.472372	-2.11697	0.0223211	0.299327	-3.34082	0.197712	0.548921	-1.82175	0.195365	0.546997	-1.82816	0.0608206	0.394159	-2.53705	0.0366937	0.343251	-2.91332	2.66085	8.17836	2.73208	1
cg01418856	TUBA1C	0.0914572	0.291272	0.23493	-4.25658	0.301041	0.242354	-4.12619	?	?	?	0.837315	0.761899	-1.31251	0.127143	0.112803	-8.86499	0.554654	2.20436	2.20436	0.350161	3.56792	3.56792	0.863038	1.25656	1.25656	0.00747481	95.1192	95.1192	2.69155	66.2908	24.6293	1
cg23711867	CYTSA;CYTSA	0.0914574	0.465977	1.15431	1.15431	0.688829	0.925094	-1.08097	0.0208488	0.583952	-1.71247	0.788508	0.949324	-1.05338	0.0575399	0.660047	-1.51504	0.112238	0.715708	-1.39722	0.0599179	1.50769	1.50769	0.413206	0.850603	-1.17564	0.293325	0.809893	-1.23473	2.66083	1.57665	0.526704	1
cg02652891	PACRG;PACRG;PACRG	0.0914577	0.447353	0.84722	-1.18033	0.158167	0.723971	-1.38127	0.0510903	0.621495	-1.60902	0.670781	1.09586	1.09586	0.0057664	0.460931	-2.16952	0.937635	0.983387	-1.01689	0.208916	1.32786	1.32786	0.715369	0.924591	-1.08156	0.717717	0.925221	-1.08082	2.66082	1.93145	0.645232	1
cg14665192	CD4;CD4	0.0914586	0.0221881	0.322562	-3.10017	0.0401558	0.37587	-2.6605	0.0356978	0.364689	-2.74206	0.069285	0.4323	-2.31321	0.0307742	0.351034	-2.84873	0.326414	0.658293	-1.51908	0.0817902	0.451185	-2.21638	0.320272	0.654555	-1.52775	0.328972	0.659839	-1.51552	2.66081	7.17618	2.39732	1
cg26557423	GPR177;GPR177	0.0914591	0.0242413	0.430303	-2.32395	0.158673	0.623142	-1.60477	0.322235	0.725419	-1.37851	0.627212	1.16607	1.16607	0.0143279	0.38755	-2.58031	0.190921	1.54455	1.54455	0.248376	0.684682	-1.46053	0.83429	1.06797	1.06797	0.945054	0.978595	-1.02187	2.66081	4.15293	1.38736	1
cg19856802	C4orf39;TRIM61	0.0914622	0.0400753	0.726886	-1.37573	0.010893	0.650659	-1.5369	0.0436133	0.732041	-1.36604	0.444012	1.11062	1.11062	0.584635	0.928469	-1.07704	0.606557	1.07234	1.07234	0.662086	1.06091	1.06091	0.303913	0.866613	-1.15392	0.830843	0.971647	-1.02918	2.66077	0.761797	0.254495	1
cg08148697	ZNF598	0.0914641	0.737796	0.87819	-1.13871	0.501435	0.768145	-1.30184	0.349417	1.4512	1.4512	0.0777566	0.468675	-2.13368	0.00446983	0.230899	-4.3309	0.312486	1.49768	1.49768	0.824194	1.08983	1.08983	0.664843	1.18355	1.18355	0.502684	0.768754	-1.30081	2.66074	6.29829	2.1041	1
cg03679504	LRRC2;LRRC2;TDGF1	0.0914658	0.0396142	6.54949	6.54949	0.139601	3.50959	3.50959	0.779398	0.801098	-1.24829	0.208523	2.84939	2.84939	0.569171	1.57522	1.57522	0.151113	3.37033	3.37033	0.0636794	5.18881	5.18881	0.0226778	8.6243	8.6243	0.0205202	9.06435	9.06435	2.66072	26.2841	8.78093	1
cg00794227	PHACTR4	0.0914668	0.85655	0.9765	-1.02407	0.451851	0.904174	-1.10598	0.737993	1.04511	1.04511	0.512792	0.916463	-1.09115	0.493577	0.912678	-1.09568	0.262432	0.857649	-1.16598	0.0624652	0.759148	-1.31727	0.0256656	1.41668	1.41668	0.0377731	1.37249	1.37249	2.66071	0.727805	0.243145	1
cg14394451	C9orf135	0.0914674	0.0556691	0.579022	-1.72705	0.84297	1.05125	1.05125	0.0258184	0.513272	-1.94828	0.11544	0.649691	-1.53919	0.938294	0.980679	-1.0197	0.0816704	0.614934	-1.62619	0.33478	1.28488	1.28488	0.126979	1.51579	1.51579	0.881204	0.963018	-1.0384	2.6607	2.67591	0.893969	1
cg20430725	MCM6	0.0914681	0.0125901	0.1789	-5.58973	0.74068	1.19479	1.19479	0.0664489	0.325526	-3.07195	?	?	?	0.420178	0.642414	-1.55663	0.81792	1.13149	1.13149	0.267695	0.536738	-1.86311	?	?	?	0.202699	2.0674	2.0674	2.9039	10.0438	3.45874	1
cg06611076	HSPD1;HSPD1;HSPE1	0.0914703	0.91766	1.01435	1.01435	0.549678	1.08697	1.08697	0.601126	1.07538	1.07538	0.976237	1.00411	1.00411	0.537301	1.08987	1.08987	0.930227	0.988007	-1.01214	0.00202233	0.548878	-1.8219	0.752864	1.04448	1.04448	0.592136	1.07735	1.07735	2.66067	0.799827	0.26721	1
cg11100450	EXOC2	0.0914709	0.0627952	0.338897	-2.95075	0.679377	1.23964	1.23964	0.242679	0.531552	-1.88128	?	?	?	0.0125087	0.20072	-4.98207	?	?	?	0.258297	0.543536	-1.83981	0.0806123	0.36731	-2.7225	0.145397	0.445709	-2.24362	2.72943	8.98216	3.76097	1
cg07370261	LMBR1L	0.0914726	0.62302	1.07435	1.07435	0.734333	1.05054	1.05054	0.97341	0.995187	-1.00484	0.267834	0.846147	-1.18183	0.746934	1.04798	1.04798	0.942176	1.01055	1.01055	0.0414179	0.711469	-1.40554	0.674107	1.06313	1.06313	0.00600413	1.68149	1.68149	2.66064	0.882762	0.294921	1
cg23686983	CUX1;CUX1;CUX1	0.0914726	0.0217884	0.190173	-5.25838	0.768676	1.19458	1.19458	0.0610605	0.280115	-3.56997	0.131096	0.374291	-2.67172	0.109848	0.349689	-2.85968	0.200355	0.442443	-2.26018	0.0422943	0.244131	-4.09617	0.946351	1.0414	1.0414	0.034805	0.226932	-4.4066	2.66064	15.3141	5.11626	1
cg02385661	TRMT1;TRMT1;TRMT1	0.0914741	0.875891	1.04716	1.04716	0.179025	1.52333	1.52333	0.176257	1.52795	1.52795	0.454477	0.798801	-1.25188	0.596573	0.854266	-1.1706	0.13047	1.61859	1.61859	0.00642802	2.84377	2.84377	0.179147	1.52312	1.52312	0.337689	0.747197	-1.33833	2.66062	3.66338	1.2239	1
cg08871354	GINS2	0.0914746	0.576963	1.2962	1.2962	0.467732	1.40517	1.40517	0.0221279	0.282792	-3.53617	0.303789	1.63284	1.63284	0.351763	0.643287	-1.55452	0.555232	1.31614	1.31614	0.0114587	0.233074	-4.29049	0.67953	0.825937	-1.21075	0.716645	1.1827	1.1827	2.66062	8.93059	2.98363	1
cg23287547	MYO5A;MYO5A	0.0914763	0.59683	1.16089	1.16089	0.0253151	2.10245	2.10245	0.0491528	1.87308	1.87308	0.167137	0.662611	-1.50918	0.44351	0.803857	-1.244	0.28178	1.36697	1.36697	0.170595	0.665105	-1.50352	0.310833	0.745987	-1.34051	0.326657	1.32711	1.32711	2.66059	3.29098	1.0995	1
cg25798605	TMEM91;B9D2	0.0914771	0.828061	1.04098	1.04098	0.559298	1.11518	1.11518	0.0760775	0.694578	-1.43972	0.311091	0.824073	-1.21349	0.00977364	0.547047	-1.82799	0.0451083	0.654117	-1.52878	0.0878507	0.706225	-1.41598	0.428153	0.861262	-1.16109	0.114519	0.728391	-1.37289	2.66058	1.43645	0.479911	1
cg25404410	KIF3A	0.0914771	0.269689	0.563457	-1.77476	0.00430585	0.148802	-6.72033	0.0393958	0.304406	-3.28509	0.831724	1.11205	1.11205	0.261944	0.557761	-1.79288	0.434546	0.6717	-1.48876	0.0947586	0.399927	-2.50046	0.19219	0.502095	-1.99166	0.854353	0.912368	-1.09605	2.66058	10.4963	3.50675	1
cg08306589	C4A;C4B	0.0914781	0.0126476	0.482989	-2.07044	0.377779	0.808584	-1.23673	0.717076	0.918109	-1.0892	0.602805	0.884034	-1.13118	0.254259	0.756163	-1.32247	0.67946	0.907056	-1.10247	0.00620809	0.432708	-2.31103	0.89618	0.969814	-1.03113	0.113467	0.667396	-1.49836	2.66057	2.32269	0.776004	1
cg14546497	PVRL1;PVRL1	0.0914789	0.250758	1.63238	1.63238	0.0408813	2.62145	2.62145	0.955045	0.977243	-1.02329	0.0370407	2.68793	2.68793	0.305739	0.648535	-1.54194	0.0923852	2.13047	2.13047	0.662543	1.19639	1.19639	0.0298767	2.83902	2.83902	0.0872456	2.16198	2.16198	2.66056	7.02609	2.34741	1
cg01766077	ARL15	0.0914799	0.499777	0.848783	-1.17816	0.476239	1.1893	1.1893	0.0286971	1.8545	1.8545	0.411478	0.817918	-1.22262	0.0146192	0.486943	-2.05363	0.344258	0.792021	-1.26259	0.471992	1.19136	1.19136	0.200281	0.723394	-1.38237	0.853612	0.956756	-1.0452	2.66055	2.41371	0.806422	1
cg09884893	UBE2I;UBE2I;UBE2I;UBE2I	0.0914814	0.00599889	2.27285	2.27285	0.110817	1.48767	1.48767	0.972295	0.992091	-1.00797	0.701955	1.09189	1.09189	0.457198	1.18899	1.18899	0.606256	0.887923	-1.12622	0.97895	0.993986	-1.00605	0.907999	1.02678	1.02678	0.0217548	1.87708	1.87708	2.66053	2.2026	0.735893	1
cg19924619	LMX1A	0.0914872	0.0266668	35.4271	35.4271	0.18422	6.77511	6.77511	0.0221394	41.519	41.519	0.143724	8.44673	8.44673	0.172639	7.18127	7.18127	0.533596	2.35468	2.35468	0.96038	0.93475	-1.0698	0.0132652	64.6308	64.6308	0.292713	4.40486	4.40486	2.66046	77.7396	25.9736	1
cg05238530	POLR2E	0.0914878	0.835608	0.892626	-1.12029	0.0403116	0.273928	-3.6506	0.0295748	0.246516	-4.05653	0.534554	0.709051	-1.41033	0.484587	0.678235	-1.47442	0.0196066	0.214065	-4.67147	0.021181	0.21985	-4.54858	0.241534	0.511641	-1.95449	0.179793	0.458968	-2.1788	2.66045	12.5907	4.20671	1
cg12306195	CRMP1	0.0914885	0.224367	1.26151	1.26151	0.361472	1.18618	1.18618	0.12846	1.34862	1.34862	0.497683	1.1335	1.1335	0.938785	0.986118	-1.01408	0.669212	0.924756	-1.08137	0.00564713	0.516307	-1.93683	0.294806	0.820565	-1.21867	0.835659	0.962896	-1.03853	2.66044	1.39591	0.466392	1
cg24165439	MARCH8;MARCH8;MARCH8	0.091491	0.101966	0.626363	-1.59652	0.130427	0.652535	-1.53248	0.013481	0.449609	-2.22415	0.862405	0.955676	-1.04638	0.133365	0.654978	-1.52677	0.172399	0.684158	-1.46165	0.0767054	1.67286	1.67286	0.92073	0.974321	-1.02636	0.621502	0.878039	-1.1389	2.66041	2.87792	0.961563	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02299136	GTF2H2C;GTF2H2D	0.0914924	0.147493	0.588064	-1.7005	0.0887404	1.8991	1.8991	0.489559	0.78679	-1.27099	0.173409	0.609678	-1.64021	0.4398	0.764029	-1.30885	0.604749	0.836635	-1.19526	0.0340204	0.429441	-2.32861	0.105484	0.546526	-1.82974	0.0244038	0.400033	-2.49979	2.6604	4.91703	1.64287	1
cg16138602	TSPAN11	0.0914925	0.130646	0.388656	-2.57297	0.415174	0.617423	-1.61963	0.344631	0.569173	-1.75694	0.0616648	0.295648	-3.3824	0.0172516	0.186451	-5.36333	0.0993467	0.351384	-2.84589	0.0476412	0.269448	-3.71129	0.0179856	0.18933	-5.28178	0.153156	0.412449	-2.42454	2.66039	14.1232	4.71885	1
cg21000021	MYBBP1A;MYBBP1A	0.0914927	0.0565505	0.720904	-1.38715	0.365939	1.15122	1.15122	0.0319062	1.46401	1.46401	0.108746	1.30369	1.30369	0.513485	1.10568	1.10568	0.646453	1.07253	1.07253	0.108801	1.30363	1.30363	0.141778	1.2706	1.2706	0.0679479	1.36334	1.36334	2.66039	0.968392	0.323559	1
cg05487635	ARMC4	0.0914935	0.75764	1.0625	1.0625	0.199102	1.30444	1.30444	0.00576268	2.03137	2.03137	0.1821	0.757749	-1.3197	0.594467	1.11099	1.11099	0.456317	1.16021	1.16021	0.448692	0.859652	-1.16326	0.0911501	1.43974	1.43974	0.675732	0.920903	-1.08589	2.66038	1.61656	0.540126	1
cg07206840	HBXIP	0.0914935	0.5957	0.905098	-1.10485	0.216414	0.784892	-1.27406	0.00556293	1.97025	1.97025	0.906762	1.02206	1.02206	0.346644	0.834891	-1.19776	0.35471	1.19397	1.19397	0.301866	0.819414	-1.22038	0.251023	0.799859	-1.25022	0.435545	0.862319	-1.15966	2.66038	1.46087	0.488105	1
cg15247269	HSPA1B	0.0914943	0.0815458	0.301383	-3.31804	0.399011	1.70989	1.70989	0.782737	1.18736	1.18736	0.00382684	0.0887187	-11.2716	0.328439	0.534369	-1.87137	0.863862	1.11251	1.11251	0.676383	1.29796	1.29796	0.692737	1.27984	1.27984	0.69981	1.27215	1.27215	2.66037	16.2628	5.43376	1
cg05297739	CBR1	0.0914955	0.877355	0.948197	-1.05463	0.220017	0.641344	-1.55922	0.820772	0.924817	-1.0813	0.277276	1.47579	1.47579	0.438336	0.76164	-1.31296	0.947357	0.977513	-1.023	0.0343782	0.427404	-2.3397	0.034153	2.343	2.343	0.0474321	0.457894	-2.18391	2.66036	4.9987	1.67018	1
cg27096292	ANKRD11	0.0915002	0.989331	1.00206	1.00206	0.0631594	0.725321	-1.3787	0.91903	0.984497	-1.01575	0.412044	0.879077	-1.13756	0.0037498	0.548098	-1.82449	0.90539	0.981895	-1.01844	0.228007	1.21463	1.21463	0.387698	0.8728	-1.14574	0.898332	0.980549	-1.01984	2.6603	0.994873	0.332418	1
cg09226288	RPL23AP82;RPL23AP82	0.0915002	0.659324	1.11544	1.11544	0.0169414	0.488108	-2.04873	0.0222942	0.509441	-1.96293	0.319774	1.28811	1.28811	0.482238	0.838722	-1.19229	0.510343	0.848375	-1.17872	0.15206	0.68534	-1.45913	0.672079	1.11054	1.11054	0.0864105	0.627226	-1.59432	2.6603	2.55489	0.853667	1
cg10667970	FBXO6	0.0915004	0.368731	1.39208	1.39208	0.00466906	3.84894	3.84894	0.10359	1.89236	1.89236	0.783222	1.10387	1.10387	0.66407	1.1695	1.1695	0.408439	1.35386	1.35386	0.0473157	2.25497	2.25497	0.130461	1.79539	1.79539	0.542665	0.801871	-1.24708	2.6603	5.40949	1.80748	1
cg05361673	SH3BP4	0.0915041	0.0428206	0.433004	-2.30945	0.107587	0.53233	-1.87853	0.060679	0.468004	-2.13673	0.0341862	0.411773	-2.42852	0.0501788	0.448585	-2.22923	0.372364	0.719777	-1.38932	0.528545	0.795137	-1.25764	0.469537	1.30235	1.30235	0.368709	1.39302	1.39302	2.66025	5.43094	1.81468	1
cg07557337	RAB1B	0.0915041	0.689631	1.06331	1.06331	0.07386	1.35617	1.35617	0.0898956	1.3309	1.3309	0.725548	1.05537	1.05537	0.340549	0.860543	-1.16206	0.353159	0.864082	-1.1573	0.0252619	0.665774	-1.50201	0.193967	1.23386	1.23386	0.17345	1.24791	1.24791	2.66025	0.985175	0.329184	1
cg18608025	GAK	0.0915045	0.211932	1.23689	1.23689	0.00459707	0.543409	-1.84023	0.174403	0.791686	-1.26313	0.400342	0.870061	-1.14934	0.0585026	0.707795	-1.41284	0.75949	0.951564	-1.0509	0.464749	0.886657	-1.12783	0.448235	0.882532	-1.1331	0.874669	0.974802	-1.02585	2.66025	1.1014	0.36802	1
cg26628907	MED24;MED24	0.0915055	0.958053	1.01946	1.01946	0.533648	1.25991	1.25991	0.00584458	3.75283	3.75283	0.263961	1.53226	1.53226	0.473808	0.765686	-1.30602	0.17804	0.59186	-1.68959	0.85423	1.06972	1.06972	0.977128	1.01056	1.01056	0.0571576	2.20045	2.20045	2.66023	5.65877	1.89082	1
cg20378199	THAP2	0.0915055	0.565052	0.904004	-1.10619	0.00721034	0.547868	-1.82526	0.0159675	0.599343	-1.66849	0.149646	0.764876	-1.3074	0.98071	1.0042	1.0042	0.802979	0.957551	-1.04433	0.100452	0.731806	-1.36648	0.492578	0.886098	-1.12854	0.967186	1.00716	1.00716	2.66023	1.2685	0.423855	1
cg00281467	BCR;BCR	0.0915062	0.251624	0.638831	-1.56536	0.0369824	0.403995	-2.47528	0.334073	1.45173	1.45173	0.599241	0.820043	-1.21945	0.00638143	0.264994	-3.77367	0.141593	0.553567	-1.80647	0.130719	0.543019	-1.84156	0.422376	0.735924	-1.35884	0.612673	0.826122	-1.21047	2.66023	5.89807	1.97078	1
cg15684329	EXT1	0.0915093	0.0656812	3.21089	3.21089	0.14702	2.40829	2.40829	0.0447455	3.67381	3.67381	0.104017	2.72878	2.72878	0.043151	3.72086	3.72086	0.0645837	3.22996	3.22996	0.0363823	3.95053	3.95053	0.0317607	4.1439	4.1439	0.163534	2.31589	2.31589	2.66019	13.4384	4.49037	1
cg14774995	PVT1	0.0915096	0.0702983	0.336472	-2.97202	0.075686	0.344922	-2.8992	0.0602134	0.319457	-3.13031	0.671617	1.25806	1.25806	0.0697055	0.335517	-2.98047	0.153936	0.439649	-2.27454	0.00909579	0.167918	-5.9553	0.439063	0.653845	-1.52941	0.435847	0.651813	-1.53418	2.66018	12.2115	4.08042	1
cg18492804	CGRRF1	0.0915101	0.405729	1.20379	1.20379	0.452564	1.18159	1.18159	0.632729	1.11069	1.11069	0.0895785	1.50397	1.50397	0.0934323	1.49531	1.49531	0.457503	1.17936	1.17936	0.0026967	2.46948	2.46948	0.831028	0.954475	-1.0477	0.926654	0.980123	-1.02028	2.66018	2.00314	0.669342	1
cg02301527	FAM83D	0.0915113	0.676723	0.953879	-1.04835	0.494454	0.924842	-1.08127	0.00394937	1.54744	1.54744	0.318125	0.890296	-1.12322	0.352808	1.11368	1.11368	0.455876	1.08929	1.08929	0.112633	1.21469	1.21469	0.863076	0.980749	-1.01963	0.336927	1.11794	1.11794	2.66016	0.534294	0.178533	1
cg22185065	F13A1	0.0915113	0.831559	0.905905	-1.10387	0.0778207	0.402839	-2.48238	0.377407	0.656914	-1.52227	0.0230842	0.28351	-3.52722	0.0606295	0.374791	-2.66816	0.533984	0.746597	-1.33941	0.0227391	0.282266	-3.54275	0.224005	1.80877	1.80877	0.777513	0.876843	-1.14045	2.66016	9.0684	3.03019	1
cg03162410	TECR	0.0915129	0.110072	2.5767	2.5767	0.00898202	6.0839	6.0839	0.0125843	5.39978	5.39978	0.495942	1.45604	1.45604	0.807373	0.87568	-1.14197	0.728803	1.20824	1.20824	0.155019	2.28661	2.28661	0.249785	1.92255	1.92255	0.292907	1.80937	1.80937	2.66014	12.4433	4.15795	1
cg15438497	HLTF;HLTF	0.0915131	0.0110176	0.661987	-1.5106	0.987413	1.00204	1.00204	0.118314	1.24526	1.24526	0.439808	0.903109	-1.10729	0.176981	0.830582	-1.20397	0.835387	0.973444	-1.02728	0.0585254	0.758464	-1.31845	0.1882	0.834964	-1.19766	0.492346	1.09439	1.09439	2.66014	0.704924	0.235551	1
cg01808739	FNBP1L;FNBP1L;FNBP1L	0.0915139	0.0697	0.200364	-4.99091	0.617585	0.67105	-1.4902	0.678304	0.718525	-1.39174	0.26156	0.395403	-2.52907	0.036903	0.146487	-6.82654	0.308012	0.433348	-2.30762	0.00729402	0.0644311	-15.5205	0.0982893	0.237644	-4.20797	0.0575266	0.18227	-5.48637	2.66013	26.4603	8.84176	1
cg23243012	PROKR1	0.0915141	0.439937	0.843044	-1.18618	0.0382245	0.594132	-1.68313	0.215219	0.753683	-1.32682	0.829351	0.954289	-1.0479	0.475793	0.854546	-1.17021	0.861401	0.962827	-1.03861	0.00980737	2.02937	2.02937	0.732048	0.928204	-1.07735	0.222118	0.757183	-1.32068	2.66013	1.97968	0.661516	1
cg17419174	TATDN3;TATDN3;NSL1;TATDN3;TATDN3;TATDN3;NSL1	0.0915151	0.15757	0.649561	-1.5395	0.0298554	0.482059	-2.07443	0.355606	0.762392	-1.31166	0.674097	0.886251	-1.12835	0.0433321	0.515051	-1.94156	0.797878	0.929352	-1.07602	0.00545166	0.352139	-2.83978	0.376473	0.771732	-1.29579	0.507329	0.825271	-1.21172	2.66012	3.43411	1.14752	1
cg15852879	ASB6;ASB6;ASB6;ASB6	0.0915176	0.019513	0.58461	-1.71054	0.0611695	1.49362	1.49362	0.498495	1.13959	1.13959	0.298829	1.22725	1.22725	0.506498	0.879705	-1.13675	0.521272	0.883711	-1.13159	0.114898	1.38542	1.38542	0.163165	0.753488	-1.32716	0.686146	1.08031	1.08031	2.66009	1.52345	0.509072	1
cg04474326	TH1L	0.0915178	0.225857	1.18117	1.18117	0.335787	0.878146	-1.13876	0.53683	1.08532	1.08532	0.460628	0.906338	-1.10334	0.0374998	1.37165	1.37165	0.398461	0.892989	-1.11983	0.0128567	0.66735	-1.49846	0.373098	0.887178	-1.12717	0.730172	0.955684	-1.04637	2.66008	0.722123	0.241303	1
cg24291203	VPS13B;VPS13B;VPS13B;VPS13E	0.0915204	0.7	0.941646	-1.06197	0.108556	1.31236	1.31236	0.115003	1.30491	1.30491	0.141899	0.782524	-1.27792	0.905713	1.01857	1.01857	0.781021	0.957647	-1.04423	0.0115062	0.612101	-1.63372	0.801	1.04	1.04	0.248239	1.20616	1.20616	2.66005	1.01596	0.339495	1
cg21320242	PPP1R1B;PPP1R1B;PPP1R1B	0.0915212	0.52462	1.19476	1.19476	0.203693	1.44811	1.44811	0.299864	0.743405	-1.34516	0.856085	1.05138	1.05138	0.34316	0.763744	-1.30934	0.0867116	0.593227	-1.6857	0.506507	1.20444	1.20444	0.00584671	0.3694	-2.70709	0.920034	1.0281	1.0281	2.66004	3.20893	1.07231	1
cg21452447	MYT1L	0.0915222	0.511023	0.897267	-1.1145	0.195473	1.24936	1.24936	0.785171	0.956542	-1.04543	0.297386	1.19204	1.19204	0.537791	1.10677	1.10677	0.961411	1.0079	1.0079	0.003717	1.89137	1.89137	0.166925	0.786936	-1.27075	0.6868	1.06813	1.06813	2.66003	1.11395	0.372244	1
cg15167807	MAGEB2	0.091523	0.0517308	3.41464	3.41464	0.190076	2.15936	2.15936	0.38397	0.609462	-1.64079	0.384084	0.609538	-1.64059	0.0167922	0.198149	-5.04672	0.233333	2.00001	2.00001	0.731902	1.21017	1.21017	0.63419	0.766512	-1.30461	0.24561	0.509856	-1.96134	2.66002	12.9628	4.33172	1
cg19832521	NOVA1;NOVA1;NOVA1	0.0915252	0.839386	0.961824	-1.03969	0.327917	0.823914	-1.21372	0.416595	1.17262	1.17262	0.0143843	0.560645	-1.78366	0.824881	0.958386	-1.04342	0.0388898	0.632156	-1.58189	0.340159	1.20749	1.20749	0.118549	1.38403	1.38403	0.391969	0.845172	-1.18319	2.65999	1.54978	0.517889	1
cg12232658	APC2	0.0915262	0.518381	0.76675	-1.30421	0.0228376	3.01875	3.01875	0.739	1.14526	1.14526	0.0187405	0.31491	-3.17551	0.357458	0.681209	-1.46798	0.346256	0.674723	-1.48209	0.191358	0.570564	-1.75265	0.74182	1.14351	1.14351	0.241266	0.607995	-1.64475	2.65998	6.93191	2.31644	1
cg10210094	TNNI1	0.091527	0.569565	0.78364	-1.2761	0.178193	0.545074	-1.83461	0.00383105	0.191365	-5.22561	0.735039	0.865809	-1.15499	0.145711	0.515507	-1.93984	0.875252	1.06891	1.06891	0.0291143	0.335943	-2.97669	0.504955	0.750528	-1.3324	0.502592	0.749297	-1.33458	2.65997	7.58048	2.53319	1
cg03026004	ARHGAP28;ARHGAP28	0.091527	0.107584	0.47705	-2.09622	0.239814	0.595269	-1.67991	0.0759224	0.434976	-2.29898	0.00872745	0.244567	-4.08885	0.0255204	0.326758	-3.06037	0.338684	0.659908	-1.51536	0.222867	0.582844	-1.71572	0.0808645	0.442263	-2.2611	0.109107	0.478844	-2.08836	2.65997	7.48311	2.50065	1
cg11502565	ZNF215	0.0915281	0.180598	0.722091	-1.38487	0.0605849	0.615967	-1.62346	0.0423456	0.58537	-1.70832	0.334475	1.25604	1.25604	0.603751	0.886993	-1.1274	0.213198	0.740651	-1.35016	0.034209	1.76103	1.76103	0.888152	1.03275	1.03275	0.521981	0.861888	-1.16024	2.65996	2.20966	0.738412	1
cg02097014	CHI3L1	0.0915286	0.034649	0.180179	-5.55005	0.0807788	0.259908	-3.84752	0.515082	0.631728	-1.58296	0.154471	0.346264	-2.88797	?	?	?	0.214927	0.403183	-2.48027	0.0138874	0.120629	-8.2899	0.112215	0.300183	-3.3313	0.0585698	0.226083	-4.42315	2.69064	18.3401	6.81627	1
cg04248499	MYO15B	0.0915301	0.0250927	0.756336	-1.32216	0.180062	0.861385	-1.16092	0.230915	1.14078	1.14078	0.845754	1.02062	1.02062	0.709133	0.961489	-1.04005	0.085536	1.22043	1.22043	0.0694249	1.23722	1.23722	0.23445	1.13954	1.13954	0.473734	1.07936	1.07936	2.65993	0.462765	0.154646	1
cg14160599	PDE4DIP;PDE4DIP;PDE4DIP	0.0915325	0.0723359	0.770927	-1.29714	0.520908	0.919049	-1.08808	0.30919	0.872379	-1.14629	0.167865	0.826393	-1.21008	0.215267	0.844325	-1.18438	0.0685891	0.767618	-1.30273	0.408412	1.11594	1.11594	0.033915	1.37885	1.37885	0.371632	1.12638	1.12638	2.6599	0.709	0.236934	1
cg25911245	FUCA2	0.0915357	0.420278	0.844186	-1.18457	0.370114	0.82751	-1.20844	0.16559	0.737712	-1.35554	0.335935	0.815376	-1.22643	0.333034	1.22803	1.22803	0.0121974	0.525994	-1.90116	0.654903	0.911608	-1.09696	0.117053	0.704525	-1.4194	0.0721683	1.51109	1.51109	2.65986	1.78265	0.595736	1
cg27037103	MDGA1	0.091536	0.0163436	0.494308	-2.02303	0.479184	1.18848	1.18848	0.515714	1.17139	1.17139	0.429955	0.824167	-1.21335	0.22335	0.735581	-1.35947	0.0337933	1.8129	1.8129	0.683451	0.906282	-1.10341	0.489125	1.18372	1.18372	0.229696	1.35326	1.35326	2.65986	2.42708	0.811097	1
cg06357371	NT5C1A	0.091536	0.144143	1.99512	1.99512	0.0191694	3.48209	3.48209	0.127316	2.0665	2.0665	0.758216	1.14559	1.14559	0.779154	0.883596	-1.13174	0.220405	1.76327	1.76327	0.0118736	3.98484	3.98484	0.0639267	2.50098	2.50098	0.209984	1.78886	1.78886	2.65986	8.16339	2.72809	1
cg04772326	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.0915362	0.157129	0.726538	-1.37639	0.108502	1.44723	1.44723	0.70108	1.08484	1.08484	0.377952	0.82613	-1.21046	0.0392558	0.60433	-1.65472	0.526367	0.87324	-1.14516	0.0267726	0.574636	-1.74023	0.0735327	0.656221	-1.52388	0.218507	0.760886	-1.31426	2.65986	1.87798	0.627596	1
cg12924573	ECT2L	0.0915396	0.273451	0.847176	-1.18039	0.40174	0.882597	-1.13302	0.508957	0.907104	-1.10241	0.130651	1.26812	1.26812	0.096659	1.30394	1.30394	0.026441	0.681834	-1.46663	0.106135	1.29278	1.29278	0.652989	1.06808	1.06808	0.233283	0.833717	-1.19945	2.65981	0.892036	0.298111	1
cg04749372	INMT	0.091541	0.574921	0.846789	-1.18093	0.328631	1.34437	1.34437	0.741688	0.907482	-1.10195	0.949076	0.981429	-1.01892	0.00543607	0.341802	-2.92567	0.881656	1.04469	1.04469	0.087759	0.575166	-1.73863	0.226176	1.45207	1.45207	0.19645	0.669742	-1.49311	2.6598	3.62869	1.21269	1
cg19000468	CHM;CHM;CHM;CHM	0.0915416	0.289627	1.20792	1.20792	0.74528	0.945518	-1.05762	0.0161574	1.65822	1.65822	0.920695	1.01726	1.01726	0.0360423	0.657657	-1.52055	0.353725	0.848755	-1.1782	0.340212	0.844571	-1.18403	0.650463	1.08155	1.08155	0.153368	1.3005	1.3005	2.65979	1.24422	0.415813	1
cg25847835	FBXO38;FBXO38	0.0915421	0.160127	0.87654	-1.14085	0.745157	0.971769	-1.02905	0.623049	0.957431	-1.04446	0.0766727	1.18874	1.18874	0.28076	0.906248	-1.10345	0.423754	0.930775	-1.07437	0.00812195	0.742627	-1.34657	0.18676	0.884366	-1.13075	0.447421	1.07035	1.07035	2.65979	0.324783	0.108541	1
cg25417405	SLC27A2;SLC27A2	0.0915428	0.0278308	0.301443	-3.31738	0.900221	1.05957	1.05957	0.156677	2.01134	2.01134	0.933717	0.962357	-1.03912	0.0235628	0.287276	-3.48098	0.0761983	0.402498	-2.48448	0.29989	0.609232	-1.64141	0.203651	0.538534	-1.85689	0.172111	0.511484	-1.95509	2.65978	8.96313	2.99545	1
cg11375264	OPLAH	0.0915455	0.103157	0.652789	-1.53189	0.933751	0.980306	-1.02009	0.0344797	0.55434	-1.80395	0.630074	1.12311	1.12311	0.00502176	0.411484	-2.43023	0.776506	0.934176	-1.07046	0.879058	1.0371	1.0371	0.797231	1.06353	1.06353	0.817773	0.946281	-1.05677	2.65974	2.41107	0.805783	1
cg17372408	TSNARE1	0.0915459	0.314202	0.776877	-1.28721	0.0816204	0.626162	-1.59703	0.0446434	0.571652	-1.74931	0.568281	0.869453	-1.15015	0.00441546	0.39783	-2.51364	0.917114	1.02557	1.02557	0.626867	1.12619	1.12619	0.629346	0.888723	-1.12521	0.314614	0.777055	-1.28691	2.65974	2.47859	0.828347	1
cg17657179	HAS1	0.0915476	0.682052	0.863116	-1.15859	0.122851	0.550221	-1.81745	0.586201	1.21706	1.21706	0.673307	1.16364	1.16364	0.0143339	0.339925	-2.94182	0.44641	0.757779	-1.31965	0.0102738	0.314757	-3.17705	0.498934	0.782463	-1.27802	0.723122	1.13556	1.13556	2.65972	5.38003	1.79803	1
cg12997166	PMS2;PMS2;AIMP2;PMS2	0.0915518	0.176583	1.43105	1.43105	0.270869	0.751257	-1.3311	0.0050134	0.39601	-2.52519	0.322688	1.29029	1.29029	0.955615	1.01398	1.01398	0.12957	0.664592	-1.50468	0.540292	0.856694	-1.16728	0.939625	1.01908	1.01908	0.881939	1.03777	1.03777	2.65967	2.62203	0.87631	1
cg15133133	GALNT2	0.0915522	0.169163	1.17206	1.17206	0.97367	1.00358	1.00358	0.0563069	1.26397	1.26397	0.108546	1.20892	1.20892	0.0239486	1.33908	1.33908	0.0939052	1.22097	1.22097	0.827332	1.02396	1.02396	0.146047	0.844387	-1.18429	0.440714	0.91831	-1.08896	2.65966	0.494861	0.165388	1
cg08097121	BCL2L11;BCL2L11;BCL2L11	0.0915542	0.268578	0.901337	-1.10946	0.125062	1.16145	1.16145	0.262964	1.11094	1.11094	0.04896	0.816557	-1.22466	0.0597868	0.825742	-1.21103	0.409104	0.926718	-1.07908	0.0379278	0.804965	-1.24229	0.788116	1.02458	1.02458	0.672069	1.03913	1.03913	2.65964	0.342304	0.114403	1
cg18157027	OBSCN;OBSCN	0.0915549	0.15499	0.329869	-3.03151	0.135402	0.309515	-3.23086	0.0137816	9.19374	9.19374	0.563585	1.5303	1.5303	0.218177	0.389117	-2.56992	0.106509	0.27684	-3.61219	0.780746	1.22548	1.22548	0.36112	1.98197	1.98197	0.706936	0.759398	-1.31683	2.65963	22.3671	7.47542	1
cg05223507	KPNA4	0.0915566	0.0628451	0.484879	-2.06237	0.705607	0.876995	-1.14026	0.0333423	0.423124	-2.36337	0.358144	1.38653	1.38653	0.865815	0.943187	-1.06023	0.943616	1.02476	1.02476	0.726513	0.88564	-1.12913	0.0316119	0.41829	-2.39068	0.0233046	0.391573	-2.5538	2.65961	5.03823	1.68387	1
cg17844718	C6orf10	0.0915578	0.191127	0.483871	-2.06667	0.191411	0.484122	-2.0656	0.0715288	0.348037	-2.87326	0.569608	1.35176	1.35176	0.00679735	0.158909	-6.2929	0.1064	0.396645	-2.52115	0.0622733	0.332637	-3.00628	0.313994	0.579182	-1.72657	0.169323	0.463978	-2.15528	2.65959	11.5865	3.87246	1
cg20377766	LOC387646	0.0915583	0.363753	1.40816	1.40816	0.229254	1.58831	1.58831	0.593299	1.21858	1.21858	0.132143	1.81473	1.81473	0.0254336	2.64864	2.64864	0.203254	1.63643	1.63643	0.0703484	2.0997	2.0997	0.00908039	3.373	3.373	0.0497993	2.27177	2.27177	2.65959	5.66474	1.89327	1
cg04963177	PDZRN4;PDZRN4	0.0915585	0.145087	0.643645	-1.55365	0.379506	0.77581	-1.28898	0.18073	1.49209	1.49209	0.589149	0.857677	-1.16594	0.264215	0.720594	-1.38774	0.792973	1.07687	1.07687	0.640873	0.876093	-1.14143	0.108955	1.63594	1.63594	0.00884383	0.391256	-2.55587	2.65958	3.33955	1.11615	1
cg08436396	LYPD5;LYPD5	0.091559	0.0773128	0.281411	-3.55351	0.0162579	0.149958	-6.66852	0.140288	2.78522	2.78522	0.843566	0.880241	-1.13605	0.263355	0.471033	-2.12299	0.0368959	0.209101	-4.78237	0.152534	0.371819	-2.68948	0.990851	0.992624	-1.00743	0.571652	0.691402	-1.44634	2.65958	17.5583	5.86836	1
cg09014329	FAM171A2	0.0915609	0.244165	1.52263	1.52263	0.301801	1.44648	1.44648	0.914864	0.963773	-1.03759	0.798969	1.09205	1.09205	0.119242	1.79213	1.79213	0.105647	1.84031	1.84031	0.00509593	3.58688	3.58688	0.0879373	1.9152	1.9152	0.433802	0.759124	-1.31731	2.65955	5.01518	1.6762	1
cg00842549	HOXB3	0.091566	0.710344	0.911104	-1.09757	0.82664	1.05626	1.05626	0.119181	1.52503	1.52503	0.156117	1.46029	1.46029	0.489376	0.839247	-1.19154	0.00760976	2.35481	2.35481	0.422309	1.22697	1.22697	0.285709	1.31877	1.31877	0.0293699	1.89717	1.89717	2.65949	2.62313	0.876735	1
cg19953825	DDX26B	0.0915676	0.819383	0.889304	-1.12447	0.104782	0.402787	-2.4827	0.15725	0.460316	-2.17242	0.268802	0.553907	-1.80536	0.0376511	0.290304	-3.44467	0.249618	0.539466	-1.85369	0.032227	0.276235	-3.62011	0.105574	2.47664	2.47664	0.0995138	0.396109	-2.52455	2.65947	11.082	3.70398	1
cg12737160	COL4A6;COL4A6;COL4A6	0.0915679	0.0939231	0.211707	-4.7235	0.192755	0.312872	-3.1962	0.788895	0.797553	-1.25384	0.569128	1.62423	1.62423	0.293696	0.399268	-2.50458	0.185021	0.305776	-3.27036	0.707761	0.72802	-1.37359	0.0658939	5.69394	5.69394	0.0255318	9.36392	9.36392	2.65947	29.9276	10.0029	1
cg06136555	ACAD10;ACAD10;ACAD10;ACAD10;BRAP	0.091571	0.921342	1.01527	1.01527	0.126435	1.28878	1.28878	0.0886389	1.33404	1.33404	0.105895	1.31129	1.31129	0.690499	0.940433	-1.06334	0.339197	1.16319	1.16319	0.0116293	0.61633	-1.62251	0.781915	1.0435	1.0435	0.487704	1.11426	1.11426	2.65943	0.991744	0.331481	1
cg09250367	MIR758;MIR323;MIR329-2;MIR329-1	0.0915712	0.912224	1.07355	1.07355	0.0124054	0.134908	-7.41247	0.530404	0.66427	-1.50541	0.420826	1.69778	1.69778	0.0369116	0.21015	-4.75851	0.601724	1.40346	1.40346	0.603241	1.40144	1.40144	0.0716407	0.273998	-3.64967	0.157006	0.377497	-2.64903	2.65943	17.449	5.83217	1
cg17566936	TEC	0.0915719	0.0828585	2.96616	2.96616	0.228311	2.04591	2.04591	0.113647	2.64984	2.64984	0.0196291	4.93342	4.93342	0.26164	1.94003	1.94003	0.653616	1.29139	1.29139	0.151361	2.38776	2.38776	0.00938837	6.45289	6.45289	0.0852188	2.93676	2.93676	2.65942	13.4994	4.51207	1
cg14360659	RNU6ATAC	0.0915734	0.00954074	1.74405	1.74405	0.86203	0.970958	-1.02991	0.578992	1.09962	1.09962	0.255131	0.817672	-1.22298	0.161628	0.776289	-1.28818	0.903213	1.02083	1.02083	0.434244	1.14474	1.14474	0.228349	1.23889	1.23889	0.0533268	1.45049	1.45049	2.6594	1.20904	0.404115	1
cg22799132	TRPC5;ZCCHC16;TRPC5	0.0915738	0.223509	0.294292	-3.39798	0.530591	0.544673	-1.83596	0.674564	1.49766	1.49766	0.56972	1.73235	1.73235	0.657108	0.652268	-1.53311	0.063252	0.135613	-7.37392	0.466477	2.03147	2.03147	0.0681973	7.05072	7.05072	0.0160105	16.7783	16.7783	2.65939	38.5279	12.8777	1
cg03360992	TRIOBP	0.0915775	0.0873305	0.690347	-1.44855	0.825167	0.957496	-1.04439	0.0297699	1.65218	1.65218	0.277927	0.801317	-1.24795	0.0239546	0.589304	-1.69692	0.660368	1.09069	1.09069	0.483058	1.15021	1.15021	0.43133	0.85413	-1.17078	0.304239	0.811491	-1.2323	2.65935	1.62322	0.542564	1
cg01275521	LLGL2;LLGL2;LLGL2	0.0915793	0.0582645	0.246105	-4.06331	0.250367	0.455254	-2.19657	0.104639	0.312864	-3.19628	0.519066	0.651666	-1.53453	0.00794097	0.107543	-9.29862	0.142256	0.355764	-2.81085	0.0651694	0.257595	-3.88207	0.037192	0.205014	-4.87771	0.559652	0.679458	-1.47176	2.65933	18.0764	6.04209	1
cg17985854	BANF1;EIF1AD;BANF1	0.0915796	0.0132985	0.181202	-5.5187	0.675105	1.26459	1.26459	0.665916	0.785139	-1.27366	0.395243	0.615786	-1.62394	0.0208614	0.21257	-4.70433	0.0520104	0.292002	-3.42463	0.289871	0.542414	-1.84361	0.20209	0.472353	-2.11706	0.0720805	0.326946	-3.05861	2.65932	13.0605	4.36554	1
cg09554443	CD247;CD247;CD247;CD247	0.09158	0.0401376	0.209685	-4.76905	0.106989	0.31377	-3.18705	0.0568831	0.241834	-4.13506	0.102396	0.308085	-3.24586	0.0385832	0.206322	-4.84679	0.0541553	0.23702	-4.21905	0.205873	0.415193	-2.40852	0.113003	0.321023	-3.11505	0.0242721	0.170516	-5.86454	2.65932	18.275	6.10849	1
cg19854521	TFPI2	0.0915807	0.0690971	4.21573	4.21573	0.431756	1.76404	1.76404	0.637568	1.39889	1.39889	0.505729	0.620219	-1.61233	0.110742	3.41887	3.41887	0.874137	1.11867	1.11867	0.0143108	8.47046	8.47046	0.015343	8.20758	8.20758	0.267591	2.26361	2.26361	2.65931	21.0763	7.04487	1
cg03457345	PCGF6;PCGF6	0.0915855	0.930475	0.933762	-1.07094	0.179249	0.326133	-3.06623	0.138419	0.285702	-3.50015	0.784624	0.80642	-1.24005	0.0755658	0.211495	-4.72825	0.215184	0.358935	-2.78602	0.00730259	0.0660821	-15.1327	0.500006	1.71206	1.71206	0.047567	0.168695	-5.92786	2.65925	25.9774	8.68327	1
cg21325316	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.091586	0.299145	1.42319	1.42319	0.573483	0.829829	-1.20507	0.279017	0.691351	-1.44644	0.102842	1.79547	1.79547	0.0158373	0.37937	-2.63595	0.891084	1.04596	1.04596	0.424959	0.765518	-1.30631	0.44891	0.776415	-1.28797	0.0632976	1.98362	1.98362	2.65924	4.52952	1.51405	1
cg23803874	SPEN	0.0915878	0.062762	0.705305	-1.41783	0.00906486	0.575229	-1.73844	0.761577	0.950525	-1.05205	0.900227	0.979303	-1.02113	0.770592	0.952415	-1.04996	0.442797	0.877675	-1.13937	0.332985	1.18118	1.18118	0.0531372	0.693243	-1.4425	0.0770723	0.720522	-1.38788	2.65922	1.17093	0.391402	1
cg14904923	HAS2;HAS2AS	0.0915889	0.0304287	0.562345	-1.77827	0.983518	0.995336	-1.00469	0.201851	0.737159	-1.35656	0.700823	1.09129	1.09129	0.651383	0.902194	-1.10841	0.510997	0.85997	-1.16283	0.015647	0.511443	-1.95525	0.0164662	0.515223	-1.94091	0.964761	0.990053	-1.01005	2.65921	2.15644	0.720829	1
cg16193029	FBXW12;FBXW12;FBXW12	0.0915903	0.877025	1.05966	1.05966	0.914427	1.04104	1.04104	0.0641113	0.459052	-2.1784	0.908364	1.04403	1.04403	0.0243765	0.36644	-2.72896	0.955345	1.02118	1.02118	0.602005	0.821268	-1.21763	0.00761936	0.27693	-3.61102	0.211852	0.611305	-1.63584	2.65919	5.8978	1.97146	1
cg07025650	SPTBN1	0.0915906	0.376616	1.51407	1.51407	0.0146368	3.95212	3.95212	0.0127496	4.11564	4.11564	0.215381	1.81517	1.81517	0.743691	1.16184	1.16184	0.339492	1.56845	1.56845	0.746247	0.862051	-1.16002	0.0482861	2.80594	2.80594	0.866147	0.925772	-1.08018	2.65919	8.80293	2.94256	1
cg09884257	TBC1D14;TBC1D14;TBC1D14	0.091591	0.16001	0.806143	-1.24047	0.00645365	1.66269	1.66269	0.756816	1.0456	1.0456	0.157089	1.24261	1.24261	0.245966	0.840146	-1.19027	0.546064	1.09166	1.09166	0.634314	1.07121	1.07121	0.56171	0.919224	-1.08787	0.210372	1.20861	1.20861	2.65918	0.867823	0.290088	1
cg17489752	BAT1;BAT1;SNORD84;BAT1;BAT1	0.0915914	0.0636724	0.724647	-1.37998	0.103202	0.759305	-1.31699	0.0563768	1.39621	1.39621	0.245693	1.20631	1.20631	0.441894	1.12878	1.12878	0.620901	0.925876	-1.08006	0.115169	0.767508	-1.30292	0.261444	0.834509	-1.19831	0.229985	1.21478	1.21478	2.65918	1.00505	0.335961	1
cg20540566	TTPA	0.0915919	0.956347	1.03386	1.03386	0.130815	2.69814	2.69814	0.737615	1.22697	1.22697	0.686423	0.78121	-1.28006	?	?	?	0.00475518	0.102208	-9.78396	0.503116	0.661391	-1.51197	0.632727	1.34032	1.34032	0.43289	1.62725	1.62725	2.68984	14.0153	5.21045	1
cg03640258	KCNQ4;KCNQ4	0.0915924	0.0193816	0.539574	-1.85331	0.143483	0.7096	-1.40924	0.542897	0.87424	-1.14385	0.224396	0.756913	-1.32116	0.11095	0.684566	-1.46078	0.651014	0.905402	-1.10448	0.524681	1.15106	1.15106	0.0137941	0.514651	-1.94307	0.0695394	0.642109	-1.55737	2.65917	2.00566	0.670439	1
cg20353070	FGF18	0.0915933	0.82377	1.02414	1.02414	0.0315305	1.30957	1.30957	0.0203578	1.34857	1.34857	0.0537395	1.26396	1.26396	0.803609	1.02701	1.02701	0.0688521	1.24329	1.24329	0.882659	1.01592	1.01592	0.226278	0.872945	-1.14555	0.702266	1.04193	1.04193	2.65916	0.48171	0.161024	1
cg24923311	TM9SF4;TM9SF4	0.0915945	0.401269	0.913064	-1.09521	0.0454585	1.2749	1.2749	0.198675	1.15464	1.15464	0.873974	0.983337	-1.01695	0.0901732	1.21859	1.21859	0.0447541	0.783569	-1.27621	0.58854	1.05952	1.05952	0.500507	0.930167	-1.07508	0.0831105	1.22521	1.22521	2.65914	0.471981	0.157772	1
cg17657594	TRIM27	0.0915946	0.0397546	0.768258	-1.30165	0.0373683	1.30721	1.30721	0.92219	0.989225	-1.01089	0.0925768	0.814449	-1.22782	0.0648516	1.2585	1.2585	0.775133	1.03227	1.03227	0.971875	0.996098	-1.00392	0.930594	1.00971	1.00971	0.321558	1.12026	1.12026	2.65914	0.517835	0.1731	1
cg18238813	PPP2R1A	0.0915958	0.295512	0.677886	-1.47517	0.0897077	0.50818	-1.96781	0.988358	0.994813	-1.00521	0.0116465	0.311984	-3.20529	0.01661	0.340819	-2.93411	0.746654	0.890849	-1.12253	0.903245	0.957581	-1.0443	0.397664	1.3631	1.3631	0.825577	1.08186	1.08186	2.83596	5.58478	1.53165	1
cg01667946	C7orf43	0.0915965	0.99617	1.00099	1.00099	0.432124	1.17888	1.17888	0.0235893	1.74179	1.74179	0.70285	0.92434	-1.08185	0.0232121	0.57293	-1.74541	0.265127	1.2692	1.2692	0.256062	0.78399	-1.27553	0.232123	0.773188	-1.29335	0.448146	0.85327	-1.17196	2.65912	1.7745	0.59318	1
cg18664866	RPS6KL1	0.0915994	0.77892	1.14389	1.14389	0.00570004	5.65127	5.65127	0.0176439	3.97077	3.97077	0.0784349	2.54416	2.54416	0.369534	1.55305	1.55305	0.886257	1.07076	1.07076	0.941575	1.03563	1.03563	0.463316	1.42846	1.42846	0.378264	1.54007	1.54007	2.65908	9.60964	3.21235	1
cg16095155	TCF19;TCF19	0.0915994	0.050224	0.331943	-3.01256	0.108866	0.421537	-2.37227	0.0318963	0.288739	-3.46334	0.0572507	0.345551	-2.89393	0.0373449	0.303092	-3.29933	0.25772	0.557956	-1.79226	0.0207316	0.252669	-3.95775	0.571045	0.753651	-1.32687	0.179224	0.494186	-2.02353	2.65908	10.2781	3.4358	1
cg21997727	PITPNM3;PITPNM3	0.0916002	0.370139	0.528488	-1.89219	0.0103985	9.35468	9.35468	0.104062	3.42628	3.42628	0.560244	0.664889	-1.50401	0.236182	0.423106	-2.36348	0.663364	1.35457	1.35457	0.125855	0.317368	-3.15091	0.384645	1.85457	1.85457	0.584788	0.682262	-1.46571	2.65907	20.2213	6.75968	1
cg09426103	DLX5	0.0916006	0.965451	1.02037	1.02037	0.016595	3.90332	3.90332	0.831219	0.905426	-1.10445	0.666134	0.817054	-1.22391	0.835959	0.908001	-1.10132	0.954811	0.973968	-1.02673	0.739661	0.856221	-1.16792	0.0061213	5.28665	5.28665	0.496375	1.37915	1.37915	2.65907	9.12427	3.05012	1
cg08131204	MIR1281	0.091601	0.85831	1.10551	1.10551	0.00663819	7.22491	7.22491	0.0290599	4.23796	4.23796	0.944351	0.961574	-1.03996	0.829225	0.885813	-1.12891	0.799914	0.867135	-1.15322	0.227344	0.490967	-2.0368	0.585713	0.734225	-1.36198	0.649761	1.29254	1.29254	2.65906	13.2689	4.43563	1
cg17170262	EDEM3	0.0916013	0.76363	0.883124	-1.13234	0.128633	1.9676	1.9676	0.0376995	2.70037	2.70037	0.166791	1.8358	1.8358	0.662257	0.834324	-1.19857	0.843158	1.08506	1.08506	0.17037	1.82529	1.82529	0.00618455	4.35565	4.35565	0.939298	1.03188	1.03188	2.65906	7.15249	2.39099	1
cg02548132	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.0916021	0.454041	0.570763	-1.75204	0.0505504	0.19428	-5.14721	0.0663925	0.220058	-4.54425	0.919223	0.928125	-1.07744	0.329446	0.477088	-2.09605	0.249612	0.41282	-2.42236	0.113956	0.282399	-3.54109	0.20065	0.370134	-2.70173	0.0290143	6.6354	6.6354	2.65905	22.7695	7.61159	1
cg12453748	PRDX5;PRDX5;TRMT112;PRDX5	0.0916027	0.469937	0.635055	-1.57467	0.949308	1.04005	1.04005	0.665018	1.30876	1.30876	0.631104	0.741693	-1.34827	0.00653755	0.112778	-8.86695	0.0281935	0.201755	-4.95651	0.15156	0.387114	-2.58322	0.758356	1.20997	1.20997	0.455121	1.59981	1.59981	2.65904	16.0659	5.37067	1
cg21619639	PLRG1	0.0916028	0.257086	0.87599	-1.14157	0.376958	0.903494	-1.10681	0.513541	0.928517	-1.07699	0.602598	0.942893	-1.06057	0.67453	0.953822	-1.04841	0.327289	0.892974	-1.11985	0.427465	1.09493	1.09493	0.0841176	1.23853	1.23853	0.00739969	1.47146	1.47146	2.65904	0.52769	0.176401	1
cg26442883	ZNF423	0.0916062	0.266096	0.743944	-1.34419	0.0810992	0.610392	-1.63829	0.258336	0.740037	-1.35128	0.231915	1.37717	1.37717	0.123173	0.652927	-1.53156	0.28648	0.75387	-1.32649	0.00743977	0.41484	-2.41057	0.111708	0.64264	-1.55608	0.987857	0.996123	-1.00389	2.659	2.74387	0.917261	1
cg02827572	C6orf106;C6orf106	0.0916078	0.287754	1.53559	1.53559	0.0477208	0.41486	-2.41045	0.913484	0.958646	-1.04314	0.737518	0.877472	-1.13964	0.0717928	0.457886	-2.18395	0.657932	0.840999	-1.18906	0.177831	1.74446	1.74446	0.0225095	2.89211	2.89211	0.936666	0.969589	-1.03136	2.65898	6.35955	2.12598	1
cg26158235	A4GALT	0.0916104	0.00669902	2.53844	2.53844	0.78097	0.928828	-1.07663	0.099356	0.619727	-1.61361	0.248711	1.37626	1.37626	0.370995	1.27547	1.27547	0.407624	0.799026	-1.25152	0.276715	1.34941	1.34941	0.802537	1.06862	1.06862	0.399412	0.795726	-1.25671	2.65895	2.95452	0.9877	1
cg14762973	ZSWIM2	0.0916119	0.121905	0.6986	-1.43143	0.378277	1.21335	1.21335	0.462485	1.17351	1.17351	0.123015	1.42966	1.42966	0.831616	0.955471	-1.0466	0.144916	0.715399	-1.39782	0.0182013	0.541548	-1.84656	0.108161	0.687322	-1.45492	0.529572	1.14596	1.14596	2.65893	1.92717	0.64426	1
cg06973293	SCARB2;SCARB2	0.0916145	0.053151	0.629629	-1.58824	0.647347	1.10184	1.10184	0.974001	1.00689	1.00689	0.0075194	0.484661	-2.0633	0.865548	0.964947	-1.03633	0.0262343	0.573971	-1.74225	0.977077	1.00607	1.00607	0.336457	0.811656	-1.23205	0.437863	0.846514	-1.18131	2.65889	1.867	0.624153	1
cg09467645	C9orf44	0.0916163	0.243413	0.801299	-1.24797	0.0523842	0.67006	-1.4924	0.412784	1.16412	1.16412	0.0408399	0.651521	-1.53487	0.160635	0.761863	-1.31257	0.055165	0.673977	-1.48373	0.141058	0.750288	-1.33282	0.707693	1.07075	1.07075	0.189028	1.28729	1.28729	2.65887	1.38704	0.463702	1
cg24217936	CPEB2;CPEB2	0.0916166	0.0827596	0.570964	-1.75142	0.0766593	0.562817	-1.77678	0.495661	1.22027	1.22027	0.108747	1.66367	1.66367	0.569192	1.1799	1.1799	0.9319	1.02484	1.02484	0.0702117	0.553616	-1.80631	0.964916	1.01271	1.01271	0.0515494	1.91423	1.91423	2.83567	3.62353	0.993874	1
cg10062503	KIAA0232;KIAA0232	0.0916181	0.804626	0.968267	-1.03277	0.499288	0.914631	-1.09334	0.0170991	0.685096	-1.45965	0.69909	0.950717	-1.05184	0.237978	0.851436	-1.17449	0.778809	1.03732	1.03732	0.0166137	1.46313	1.46313	0.447834	0.904247	-1.10589	0.271957	0.861751	-1.16043	2.65885	0.712892	0.238329	1
cg02316283	MMP14	0.091619	0.590327	0.880211	-1.13609	0.618879	1.12494	1.12494	0.0760055	0.629049	-1.5897	0.367952	0.804844	-1.24248	0.00541116	0.423402	-2.36182	0.657433	0.900524	-1.11046	0.510806	1.16951	1.16951	0.192482	1.38243	1.38243	0.337923	0.79301	-1.26102	2.65884	2.32088	0.775905	1
cg05058748	SH3BP4	0.091619	0.0857566	3.06873	3.06873	0.204312	2.20548	2.20548	0.611527	1.35314	1.35314	0.0616806	3.46493	3.46493	0.0651383	3.39619	3.39619	0.0635143	3.42785	3.42785	0.0167471	5.60738	5.60738	0.0356604	4.23634	4.23634	0.0879708	3.03989	3.03989	2.65884	14.6811	4.90812	1
cg01034696	SLC39A7;SLC39A7;RXRB;RXRB	0.0916206	0.137921	1.23451	1.23451	0.15181	1.22445	1.22445	0.029232	1.40324	1.40324	0.4293	1.11227	1.11227	0.0993951	1.26895	1.26895	0.0460018	1.35199	1.35199	0.290596	0.865338	-1.15562	0.181243	0.829296	-1.20584	0.994955	1.00083	1.00083	2.65882	0.732341	0.244834	1
cg11215644	EDN1;EDN1	0.0916216	0.0378185	0.423887	-2.35912	0.311822	0.68876	-1.45188	0.417637	0.744407	-1.34335	0.177323	0.59993	-1.66686	0.0110051	0.320875	-3.11647	0.113667	0.541523	-1.84664	0.0198581	0.367136	-2.72379	0.850274	0.934875	-1.06966	0.1641	0.589144	-1.69738	2.65881	5.3475	1.78777	1
cg23046934	NFATC1;NFATC1;NFATC1	0.091623	0.00797137	1.91259	1.91259	0.703154	0.929605	-1.07573	0.242986	1.26231	1.26231	0.356062	0.834447	-1.1984	0.099748	1.41048	1.41048	0.481314	1.14622	1.14622	0.111787	0.718794	-1.39122	0.593847	1.10807	1.10807	0.756004	0.942304	-1.06123	2.65879	1.53066	0.51173	1
cg20154346	RAI2	0.0916245	0.148466	0.481271	-2.07783	0.92118	0.954374	-1.04781	0.604513	0.781504	-1.27958	0.10311	0.431145	-2.31941	0.00324709	0.150466	-6.646	0.818991	0.897486	-1.11422	0.272957	1.71321	1.71321	0.599999	0.779053	-1.28361	0.713483	0.840286	-1.19007	2.65877	9.37531	3.13438	1
cg13451008	ZNF735	0.0916253	0.0174719	0.151754	-6.58963	0.153684	0.369526	-2.70617	0.200412	0.414174	-2.41444	0.133028	0.347733	-2.87577	0.0131055	0.134616	-7.42856	0.242392	0.4505	-2.21976	0.0807665	0.28305	-3.53295	0.325803	0.516212	-1.93719	0.0452642	0.223808	-4.46812	2.65876	17.8869	5.98001	1
cg13522835	FTSJ3;PSMC5	0.0916265	0.0412174	0.656882	-1.52234	0.18873	0.779975	-1.28209	0.112132	0.734406	-1.36164	0.116278	1.35605	1.35605	0.0231454	0.61598	-1.62343	0.29906	0.825254	-1.21175	0.206581	0.788425	-1.26835	0.39859	0.85708	-1.16675	0.528276	1.12077	1.12077	2.65875	1.34091	0.448303	1
cg00328219	KIF13B	0.091627	0.0498754	0.400975	-2.49392	0.833474	1.08983	1.08983	0.170749	0.551015	-1.81483	0.885267	1.06077	1.06077	0.0651683	0.429151	-2.33018	0.257782	1.62013	1.62013	0.253695	0.614443	-1.62749	0.03677	2.69456	2.69456	0.352197	0.676262	-1.47872	2.65874	7.0298	2.35025	1
cg07073662	TSC2;TSC2;TSC2	0.0916285	0.310184	0.752795	-1.32838	0.0478956	1.84339	1.84339	0.24274	0.71851	-1.39177	0.808495	0.936448	-1.06786	0.00598853	0.378558	-2.6416	0.89588	0.965214	-1.03604	0.328836	0.761455	-1.31328	0.709144	0.903643	-1.10663	0.559364	0.852453	-1.17308	2.65872	3.07908	1.02943	1
cg00154846	C1orf86	0.0916301	0.0177943	0.174102	-5.74376	0.574474	0.708801	-1.41083	0.314559	0.532075	-1.87943	0.752547	0.825395	-1.21154	0.0236292	0.194084	-5.1524	0.244877	0.478061	-2.09178	0.250989	2.07029	2.07029	0.0764706	0.302518	-3.30559	0.0898384	0.321615	-3.10931	2.6587	15.4991	5.18183	1
cg11147815	RABGGTA;RABGGTA	0.0916332	0.772148	0.942047	-1.06152	0.416134	1.18636	1.18636	0.00532301	2.12767	2.12767	0.838097	1.04297	1.04297	0.288751	1.25413	1.25413	0.14336	0.723723	-1.38174	0.593077	0.895019	-1.11729	0.100255	1.44812	1.44812	0.793038	0.94737	-1.05555	2.65867	1.78026	0.595205	1
cg25342686	CSNK1A1;CSNK1A1	0.0916342	0.235839	0.636841	-1.57025	0.384452	1.38252	1.38252	0.0324263	2.48339	2.48339	0.530464	1.25963	1.25963	0.0821173	0.496767	-2.01302	0.832547	0.925976	-1.07994	0.0804315	0.49443	-2.02253	0.0908531	1.96719	1.96719	0.632338	0.839385	-1.19135	2.65865	5.55542	1.85739	1
ch.9.2051689R	MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1	0.0916354	0.152	0.46331	-2.15838	0.00259819	0.123462	-8.09963	0.0556497	0.337169	-2.96587	0.200351	0.507565	-1.97019	0.300934	0.584301	-1.71145	0.627105	0.782366	-1.27817	0.238365	0.538411	-1.85732	0.339637	0.610554	-1.63786	0.411427	0.656352	-1.52357	2.65864	10.5827	3.53823	1
cg13823701	TNXB	0.0916359	0.033149	0.118918	-8.40915	0.836953	1.19265	1.19265	0.708106	1.37927	1.37927	0.486287	0.546173	-1.83092	0.0418465	0.134605	-7.42914	0.152822	0.270071	-3.70273	0.0150022	0.07758	-12.8899	0.0631105	0.167428	-5.9727	0.359043	0.446506	-2.23961	2.65863	30.7786	10.2905	1
cg00630249	CYB561D1;CYB561D1;CYB561D1;CYB561D1;CYB561D1	0.091636	0.334294	0.857166	-1.16663	0.372881	1.1521	1.1521	0.323924	1.17079	1.17079	0.199237	0.810635	-1.2336	0.0224759	1.52671	1.52671	0.100989	1.32048	1.32048	0.0686238	0.729446	-1.3709	0.673483	0.936509	-1.0678	0.366852	1.15428	1.15428	2.65863	1.00869	0.337246	1
cg22472304	NFAM1	0.0916372	0.0188233	0.306235	-3.26547	0.236831	1.67433	1.67433	0.748369	0.874726	-1.14321	0.992751	0.996229	-1.00379	0.0443579	0.382749	-2.61268	0.85903	0.928736	-1.07673	0.0387419	0.369595	-2.70567	0.0757104	0.4395	-2.27531	0.756354	0.878598	-1.13818	2.65862	7.28165	2.43457	1
cg19892525	ATM;ATM	0.0916374	0.623582	0.841538	-1.1883	0.00485896	0.271881	-3.67808	0.0182229	0.367995	-2.71743	0.498686	0.786985	-1.27067	0.470414	0.774061	-1.29189	0.774706	0.904756	-1.10527	0.511824	1.26119	1.26119	0.725305	0.884226	-1.13093	0.26744	0.668358	-1.49621	2.65861	5.12204	1.71252	1
cg20407834	PTPRE	0.0916385	0.0325663	0.238036	-4.20104	0.299708	0.539745	-1.85273	0.51843	0.686855	-1.45591	0.913983	0.939887	-1.06396	0.0148703	0.179267	-5.57827	0.473367	1.51956	1.51956	0.0458036	0.26884	-3.71968	0.145297	0.407668	-2.45298	0.0824086	0.331578	-3.01588	2.6586	13.8618	4.63463	1
cg24345412	LDB2;LDB2	0.0916414	0.543719	0.897334	-1.11441	0.046633	1.49419	1.49419	0.0814351	1.40554	1.40554	0.072197	1.4243	1.4243	0.555346	0.900194	-1.11087	0.325573	1.19592	1.19592	0.0124091	1.73071	1.73071	0.672396	0.927773	-1.07785	0.40249	1.16302	1.16302	2.65856	1.30813	0.437371	1
cg15991700	MAPK9;MAPK9;MAPK9;MAPK9;MAPK9	0.0916427	0.330358	0.816498	-1.22474	0.52395	1.13923	1.13923	0.0549462	1.5516	1.5516	0.294014	0.802773	-1.24568	0.54416	1.13191	1.13191	0.0804217	1.47905	1.47905	0.952178	0.987968	-1.01218	0.00968278	1.93605	1.93605	0.725906	0.931425	-1.07362	2.65855	1.71525	0.573497	1
cg15236460	UCRC;ZMAT5;UCRC;UCRC;UCRC;ZMAT5	0.0916447	?	?	?	0.439008	0.588873	-1.69816	0.399968	1.78683	1.78683	0.0609431	4.92859	4.92859	0.284642	2.14116	2.14116	0.0200411	10.0715	10.0715	0.161403	0.347105	-2.88097	?	?	?	0.659319	0.745862	-1.34073	4.20736	19.4349	2.63958	1
cg04875212	EIF2S1	0.0916452	0.0915001	0.388736	-2.57244	0.154474	0.460723	-2.1705	0.512294	0.71326	-1.40201	0.994807	0.996697	-1.00331	0.0354343	0.287879	-3.47368	0.171301	0.476835	-2.09716	0.00738559	0.172889	-5.78405	0.674207	1.23983	1.23983	0.132591	0.438169	-2.28223	2.65852	10.8852	3.63953	1
cg06175036	GAK	0.0916462	0.0784411	0.69285	-1.44331	0.389641	1.17996	1.17996	0.260922	1.24619	1.24619	0.364503	0.839528	-1.19115	0.397875	0.850026	-1.17643	0.366784	0.840263	-1.1901	0.00928993	1.85804	1.85804	0.413733	0.854835	-1.16982	0.662636	1.08589	1.08589	2.6585	1.48361	0.496055	1
cg26976315	MCPH1	0.091649	0.161729	0.765801	-1.30582	0.0462789	0.665177	-1.50336	0.13656	0.75095	-1.33165	0.162381	0.766161	-1.30521	0.153523	0.761175	-1.31376	0.812906	1.04325	1.04325	0.0905565	1.39516	1.39516	0.552596	0.898269	-1.11325	0.0277057	0.628295	-1.59161	2.6547	1.34267	0.448258	1
cg23137088	H2AFY	0.0916505	0.839348	0.988185	-1.01196	0.0304497	1.79803	1.79803	0.431163	0.760205	-1.31543	0.0345285	4.2237	4.2237	0.179481	2.30088	2.30088	0.522843	0.685544	-1.4587	0.503633	0.672569	-1.48688	0.0666882	7.81482	7.81482	0.610549	1.3501	1.3501	2.6548	8.39314	2.80853	1
cg09153435	GRIA1;GRIA1	0.0916505	0.069601	0.311354	-3.21181	0.0592697	0.733007	-1.36424	0.247545	0.498859	-2.00461	0.646416	0.652735	-1.53202	0.0509082	0.418686	-2.38843	0.508556	1.47075	1.47075	0.0987598	0.783038	-1.27708	0.0537005	0.441296	-2.26605	0.204958	0.524145	-1.90787	2.6547	21.4706	7.15893	1
cg24187101	RHPN1	0.0916514	0.27597	0.455254	-2.19657	0.0107448	0.108014	-9.25802	0.245923	0.430612	-2.32228	0.211336	0.400808	-2.49496	0.36738	0.525888	-1.90246	0.543703	0.65264	-1.53224	0.0166907	0.131492	-7.60501	0.052112	0.217578	-4.59618	0.0625572	0.233362	-4.28518	2.65844	20.2965	6.78644	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127t vs. N)	p-value(1217 vs. N)	Fold-Change(1217t vs. N)	p-value(1217t vs. N)	Fold-Change(1221t vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg07066794	PTPN21	0.0916526	0.539862	0.773102	-1.29349	0.651299	0.828071	-1.20763	0.870227	0.934451	-1.07015	0.0636636	0.421252	-2.37388	0.0198174	0.311463	-3.21065	0.0677715	0.428106	-2.33587	0.0213666	0.317661	-3.14801	0.500607	1.32774	1.32774	0.108276	0.483603	-2.06781	2.65843	7.23906	2.4205	1
cg12297642	LACTB;LACTB	0.0916571	0.855412	1.09314	1.09314	0.0227156	0.264089	-3.78661	0.0616997	0.35791	-2.794	0.313561	0.601159	-1.66345	0.136402	0.456826	-2.18902	0.1133294	0.455133	2.20491	0.100402	0.415305	-2.40787	0.0113839	0.212958	-4.69577	0.637543	0.792186	-1.26233	2.65837	10.0364	3.35591	1
cg20110780	EIF3E	0.0916573	0.632474	0.891167	-1.12212	0.568117	0.871123	-1.14794	0.520704	1.16846	1.16846	0.477761	0.84147	-1.1884	0.8334498	0.950906	-1.05163	0.481236	1.18673	1.18673	0.00515351	0.4413386	-2.41905	0.0542752	1.68591	1.68591	0.995417	0.998627	-1.00137	2.65837	2.40771	0.8050676	1
cg14050053	RFI1	0.0916579	0.05961	2.97958	2.97958	0.0270188	1.83682	3.83361	0.269271	1.80555	1.80555	0.239018	1.8813	1.8813	0.620138	0.7736571	-1.29254	0.335822	1.66478	1.66478	0.590803	1.32142	1.32142	0.00922057	5.46027	5.46027	0.622181	0.7744852	-1.29057	2.65836	11.1048	3.71316	1
cg08513881	DENND4A;DENND4A	0.0916581	0.103163	0.842037	-1.1876	0.846877	0.981527	-1.01882	0.54944	1.06015	1.06015	0.995708	0.999481	-1.00052	0.995303	0.988651	-1.01148	0.0522278	0.808195	-1.23732	0.0160907	0.752714	-1.32853	0.0646048	1.22165	1.22165	0.754834	0.97024	-1.03067	2.65836	0.3916626	0.13095	1
cg04046364	AVIL	0.0916641	0.978076	0.988531	-1.01816	0.0244884	5.83836	5.83836	0.247359	1.66145	1.66145	0.405108	0.699388	-1.42982	0.84412	0.926803	-1.08614	0.627362	1.22794	1.22794	0.905059	0.9511491	-1.05136	0.949804	1.49778	1.49778	0.481034	0.740438	-1.35073	2.65829	7.41793	2.48044	1
cg10607675	KLHL34	0.0916685	0.345789	1.35718	1.35718	0.538019	1.21668	1.21668	0.586642	0.841404	-1.18849	0.821996	0.931575	-1.07345	0.0948308	0.561334	-1.78147	0.058024	1.95608	1.95608	0.00954251	2.80831	2.80831	0.310647	1.39092	1.39092	0.689226	0.881224	-1.13479	2.65823	4.16534	1.39285	1
cg11130025	CDH4	0.0916698	0.319999	1.136	1.136	0.0233584	1.47182	1.47182	0.805949	0.930405	-1.0305	0.194688	1.22156	1.22156	0.546043	0.927099	-1.07863	0.543201	1.07936	1.07936	0.6992367	1.50683	1.50683	0.642605	1.05971	1.05971	0.600243	1.06782	1.06782	2.65822	0.64427	0.216777	1
cg00187244	EP300	0.0916706	0.108514	0.333143	-3.00172	0.298097	1.99003	1.99003	0.107106	3.01736	3.01736	0.120664	0.63493	-1.6397	0.2137	0.732547	-1.86203	0.921689	1.06368	1.06368	0.20102	0.201645	-4.95922	0.0438692	0.28357	-4.28157	0.59209	0.71206	-1.40438	2.65821	16.5966	5.54979	1
cg25073705	AP2A2	0.0916716	0.12268	0.404799	-2.47036	0.694353	1.23805	1.23805	0.783637	1.16047	1.16047	0.917704	0.94565	-1.05747	0.013459	0.191214	-5.22975	0.0590312	0.315779	-3.16677	0.243406	0.516868	-1.93473	0.111019	2.55677	2.55677	0.241305	0.515204	-1.94098	2.65819	12.3077	4.11565	1
cg18936620	MPL	0.0916732	0.04800918	2.090465	2.090465	0.0242552	2.96567	2.96567	0.295113	1.53724	1.53724	0.181099	1.03237	1.03237	0.956392	0.85822	-1.16503	0.669516	1.790712	1.790712	0.12648	0.6111821	1.6179597	0.1580113	0.948705	0.948705	0.945807	0.973037	-1.27388	0.123	0.400965	-2.49399	0.265817	12.9311	4.2111	1
cg21760402	TEP1;DAP3	0.0916758	0.109109	3.84202	3.84202	0.317876	2.21523	2.21523	0.0661796	4.89202	4.89202	0.939946	0.943608	-1.05976	0.657495	0.00701	-1.41024	0.408522	2.521401	-1.91791	0.975393	1.02405	1.024005	0.00709164	14.5857	14.5857	0.107774	3.86518	3.86518	2.65814	29.9847	8.35495	1
cg01082639	TBX5;TBX5;TBX5;TBX5	0.0916764	0.806063	0.843034	-1.20943	0.914606	1.06645	1.06645	0.712564	1.31864	1.31864	0.762281	1.26431	1.26431	0.0501855	0.177987	-5.61834	0.636163	1.857846	-1.16571	0.0417167	0.4669962	-2.12783	0.0213943	0.410816	-2.43418	0.570132	0.831391	-1.2026	2.65812	4.35848	1.4575	1
cg27191834	ZNF764	0.0916795	0.767515	1.06387	1.06387	0.492597	1.15666	1.15666	0.557425	1.13191	1.13191	0.386537	0.80709	-1.20966	0.251377	1.28435	1.28435	0.261582	1.27697	1.27697	0.00306378	2.33223	2.33223	0.301369	0.7096621	-1.25098	0.857806	0.96324	-1.03816	2.6581	1.83593	0.613952	1
cg20284982	IER3	0.0916818	0.908373	1.00032	1.00032	0.250794	0.657817	-1.52018	0.0375002	0.860269	-1.46477	0.390566	0.74934	-1.34934	0.146461	1.2967	1.29670	0.303712	1.18357	1.18357	0.148565	1.24861	1.24861	0.294971	0.842117	-1.18748	0.936745	0.987521	-1.01264	2.65805	1.05375	0.352384	1
cg23986335	KCNS3	0.0916814	0.105102	5.5417	5.5417	2.2971	2.84404	2.84404	0.0755576	6.77168	6.77168	0.152336	0.40385	0.40385	0.47797	0.497799	2.00884	0.190031	3.81519	3.81519	0.0160181	17.3003	17.3003	0.0224039	14.087	14.087	0.158309	0.29853	0.29853	2.65807	39.3582	13.1618	1
cg24223075	CBL	0.0916822	0.206422	0.776327	-1.28812	0.846439	1.03752	1.03752	0.127915	0.733476	-1.3671	0.0737833	0.684789	-1.4603	0.816575	0.04513	2.04513	0.0229256	1.67699	1.67699	0.0859826	1.43399	1.43399	0.448267	1.15815	1.15815	0.763266	0.944227	-1.05907	2.65806	1.51947	0.508129	1
cg14184400	AMT;AMT;AMT	0.0916828	0.0814685	3.30535	3.30535	0.1191338	5.7855	5.7855	0.0438136	4.1975	4.1975	0.197141	2.32593	2.32593	0.761838	0.828464	-1.20705	0.539474	1.46903	1.46903	0.109125	2.94947	2.94947	0.0183377	5.88275	5.88275	0.352795	1.80747	1.80747	2.65806	16.1351	5.39579	1
cg14840863	CDLEC1;CDLEC1	0.0916831	0.19283	0.822627	-1.21592	0.604824	0.3029	0.3029	0.0139745	0.840126	-1.18831	0.737047	0.813879	-1.22868	0.0041564	0.508923	-1.96507	0.16388	0.81021	-1.23425	0.404095	0.886233	-1.12838	0.404498	0.892708	-1.12019	0.0775154	0.757306	-1.32047	2.65805	0.844911	0.28255	1
cg12655100	SPPQ	0.0916835	0.02822262	0.493729	-2.27413	0.10359	1.75853	1.75853	0.0463545	2.06199	2.06199	0.289175	1.4175	1.4175	0.0857147	1.82629	1.82629	0.976093	1.00955	1.00955	0.465081	0.78997	-1.26581	0.709861	1.09882	1.09882	0.304115	0.40145	0.40145	2.65805	4.23335	1.41569	1
cg14114282	MCF2L;MCF2L	0.0916839	0.0484224	3.390677	3.390677	0.2960408	0.237398	0.237398	0.0112742	0.164243	0.164243	0.0104772	0.10858	0.10858	0.0181953	0.313159	3.19159	0.0507098	0.793392	-1.32382	0.0367378	0.422142	-2.37293	0.0109851	0.47663	-2.09806	0.926043	1.03946	1.03946	2.65804	0.87329	0.244567	1
cg18431856	KIAA1239	0.0916869	0.00785464	5.40172	5.40172	0.0939723	2.48588	2.48588	0.575351	0.755879	-1.32296	0.839147	0.904382	-1.10573	0.845623	0.908105	1.10119	0.271507	1.7613	1.7613	0.0732566	0.372409	-2.68522	0.484164	1.42131	1.42131	0.866898	1.08649	1.08649	2.658	10.2938	3.44246	1
cg27094156	ZNF418 IL18BP;IL18BP;IL18BP;IL18BP;IL18BP;IL1	0.0916889	0.197746	0.787768	-1.26941	0.588613	1.10041	1.10041	0.93982	1.01332	1.01332	0.661927	1.08014	1.08014	0.170178	1.2858	1.2858	0.0594617	1.45175	1.45175	0.837531	0.964663	-1.03663	0.803027	0.957218	-1.04469	0.00865422	0.556294	-1.79761	2.65798	1.29248	0.432233	1
cg05446414	BBP;IL18BP	0.0916896	0.739961	0.885735	-1.12901	0.0257132	0.380956	-2.62498	0.10156	0.520481	-1.9213	0.161488	1.72405	1.72405	0.0693223	0.47702	-2.09635	0.405672	0.733513	1.3633	0.0273065	0.386217	-2.58922	0.220322	0.625354	-1.59909	0.278721	0.663464	-1.50724	2.65797	5.58626	1.86818	1
cg26744362	U2AF2;U2AF2	0.0916897	0.6642854	0.858318	-1.16488	0.509909	0.958344	-1.04347	0.553599	1.24204	1.24204	0.659371	0.946288	-1.05631	0.0931598	0.592156	-2.55	0.550609	0.796931	-1.25481	0.0228361	0.717483	-1.39372	0.0931556	0.8852	-1.13008	0.0970954	0.710944	-1.40704	2.65797	5.94707	1.98914	1
cg16090347	HMX2	0.0916915	0.0229023	0.63112	-1.58449	0.286463	0.829302	-1.20583	0.284869	0.828748	-1.20664	0.63143	0.928633	-1.07685	0.375139	1.1664	1.1664	0.0938167	0.7323	-1.36556	0.0125911	0.591774	-1.68984	0.425534	1.14751	1.14751	0.652606	0.926241	-1.07963	2.65795	1.20363	0.402526	1
cg07998840	FAM18A	0.0916922	0.074799	0.67098	-1.49036	0.3704437	1.20313	1.20313	0.330424	1.22376	1.22376	0.106484	0.701591	-1.42533	0.84086	1.04125	1.04125	0.089945	0.686737	-1.45616	0.814042	0.953728	-1.04852	0.205862	1.30776	1.30776	0.0359302	1.63342	1.63342	2.65794	1.70182	0.569137	1
cg13825374	PRMT1	0.0916934	0.472937	1.13605	1.13605	0.4115	0.99653	-1.00349	0.9853	1.07203	-1.0923	0.198909	1.1874	1.1874	0.0256375	1.35851	1.35851	0.933986	0.989573	-1.0054	0.0624637	0.96496	-1.30385	0.457278	0.908602	-1.02186	0.857693	0.679393	-1.47213	2.65793	0.225383	1	
cg06719212	SVOPL	0.0916954	0.144611	0.802564	-1.24601	0.117014	0.787408	-1.26999	0.0893923	1.28909	1.28909	0.628703	0.933731	-1.07097	0.115409	0.786437	-1.27156	0.840524	0.972116	-1.02868	0.6040986	1.33919	1.33919	0.719268	1.05197	1.05197	0.0569964	0.7259	0.829381	0.277372	1	
cg25920207	CDL442	0.0916954	0.849541	1.064045	1.064045	0.7772	0.758888	-1.31772	0.170294	0.7050994	-1.41825	0.153661	0.48425	-2.06513	0.289139	1.30811	1.30814	0.576136	0.536077	-1.8654	?	?	?	?	?	?	0.240726	0.255817	-3.90904	2.94709	37.0054	14.6494	1
cg09433379	BLOC1S3;TRAPPC6A	0.0917005	0.0937484	0.127242	-7.85901	0.7421153	0.694831	-1.4392	0.00791605	0.0200776	-49.8067	0.654317	1.64421	1.64421	?	?	?	0.764786	0.1705	1.5731	0.1735	0.0351855	1.80457	1.8045	0.377126	1.24366	1.24366	0.238343	1.34604	1.34604	2.65783	2.43701	0.815038	1
cg00487456	SHC2	0.0917058	0.4935824	1.0997	1.0997	0.9154	1.08019	1.08019	0.189535	0.86139	-1.15555	0.792796	0.972864	-1.02777	0.792873	0.29044	-1.02776	0.101486	1.38952	1.3895	0.0706108	0.2561565	1.22565	0.231653	0.7095951	0.47663	-2.09806	0.926043	1.03946	1.03946	2.65784	0.87329	0.244567	1
cg26192612	C6orf155	0.0917101	0.197632	1.82429	1.82429	0.863095	1.07917	1.07917	0.00492894	5.1768	5.1768	0.146207	1.99095	1.99095	0.496282	0.737154	-1.35657	0.517237	1.33625	1.33625	0.73957	0.8630355	-1.15867	0.0543167	2.62216	2.62216	0.203839	1.79589	1.79589	2.65772	8.2034	2.74367	1
cg00075569	C1orf4	0.0917123	0.871482	0.956661	-1.04531	0.213115	1.19956	1.19956	0.0633555	1.74365	1.74365	0.215438	0.711565	-1.40535	0.0078992	0.592784	-2.5203	0.444839	0.822	-1.21695	0.471941	0.7130459	0.76745	-1.30329	1.26912	1.26912	0.471941	1.32409	1.32409	2.65766	0.83769	0.15234	0.105433	1
cg00257604	C1orf4	0.0917123	0.871482	0.956661	-1.04531	0.213115	1.19956	1.19956	0.0633555	1.74365	1.74365	0.215438	0.711565	-1.40535	0.0078992	0.592784	-2.5203	0.444839	0.822	-1.21695	0.471941	0.7130459	0.76745	-1.30329	1.26912	1.26912	0.471941	1.32409	1.32409	2.65766	0.83769	0.15234	0.105433	1
cg07238921	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0917128	0.0213802	0.183516	-2.60732	0.462247	1.29609	1.29609	0.925658	1.068173	-1.03287	0.0844	1.00679	1.00679	0.0313798	0.416812	-2.39903	0.566209	0.817047	-1.22257	0.40446	0.744063	-1.34397	0.119345	1.79635	1.79635	0.16681	1.66666	1.66666	2.65769	5.05541	1.69081	1
cg23104539	GRB10	0.0917136	0.8408807	0.9564818	-1.16388	0.609709	0.958344	-1.04347	0.553599	1.24204	1.24204	0.659371	0.946288	-1.05631	0.0931598	0.592156	-2.55	0.550609	0.796931	-1.25481	0.0228361	0.717483	-1.39372	0.0931556	0.8852	-1.13008	0.0970954	0.710944	-1.40704	2.65797	5.94707	1.98914	1
cg11126134	C13orf33	0.0917174	0.101309	2.41102	2.41102	0.159556	1.33494	1.33494	0.292507	2.39019	2.39019	0.691636	1.37639	1.37639	0.683138	1.3894	1.3894	0.0701533	5.00476	5.00476	0.0733434	9.95344	9.95344	0.0102698	13.3586	13.3586	0.0232314	8.97424	8.97424	2.65767	27.0287	9.04004	1
cg09721867	SLC16A2	0.0917181	0.449177	1.18963	1.18963	0.577272	0.758888	-1.31772	0.170294	0.7050994	-1.41825	0.153661	0.48425	-2.06513	0.289139	1.30811	1.30814	0.576136	0.536077	-1.8654	?	?	?	?	?	?	0.240726	0.255817	-3.90904	2.94709	37.0054	14.6494	1
cg08359684	ANKRD10	0.0917169	0.709375	0.928169	-1.07739	0.112807	1.41011	1.41011	0.153745	0.737802	-1.35538	0.812074	1.04856	1.04856	0.437877	1.17065	1.17065	0.0192481	0.569049	-1.75732	0.328836	0.8181881	-1.22221	0.0590716	1.52867	1.52867	0.424215	0.8500116	-1.17645	2.65764	1.66864	0.558102	1
cg22037573	KCH1	0.0917171	0.566287	1.07012	1.07012	0.249662	1.15872	1.15872	0.607335	1.08511	1.08511	0.0458859	0.792736	-1.26161	0.0479133	0.895419	-1.1168	0.0260497	0.715553	1.36051	0.0134789	0.3617753	1.56055	0.0178594	1.24108	1.24108	0.0305113	0.361764	0.361764	2.65764	0.984504	0.197169	1
cg12474452	PCDH11X	0.0917206	0.0245566	0.575774	-1.73679	0.249958	1.54472	1.54472	0.647125	0.93504	-1.08754	0.549134	1.08503	-1.11669	0.493122	1.13511	1.13511	0.882454	0.97342	-1.02731	0.0431934	0.654745	-1.52731	0.566843	1.8995959	-1.11116	0.0963633	1.39895	1.39895	0.575959	1.39546	0.46074	1	
cg18885501	NUBP1	0.0917206	0.833081	0.928055	-1.07752	0.375521	1.37956	1.37956	0.295939	1.46731	1.46731	0.436784	0.755287	-1.324	?	?	?	0.0039763	0.254116	-3.93521	0.795766	1.09611	1.09611	0.496128	1.27696	1.27696	0.73375	1.12839	1.12839	2.65822	4.73684	1.76207	1
cg08106706	ELAVL4;ELAVL4;ELAVL4;ELAVL4;ELAVL4	0.0917242	0.209777	0.325813	-3.06925	0.734138	1.35004	1.35004	0.929538	1.08009	1.08009	0.267496	0.365563	-2.73551	0.277422	0.373796	-2.67525	0.69744	0.711515	-1.40545	0.0837194	0.0531404	-18.8181	0.0137141	0.0702961	-14.2255	0.151201	0.261866	-3.81874	2.65755	31.9437	10.6844	1
cg22674945	L23R	0.0917263	0.280971	1.5337	1.5337	0.749137	0.615446	-1.63367	0.173278	0.585161	-1.72366	0.0643876	0.452299	-2.21093	0.0404613	0.405796	-2.46429	0.963833	0.982643	-1.01756	0.0603936	2.22923	2.22923	0.559045	0.768711	-1.36789	0.115582	0.520337	-1.92183	2.65752	6.13969	2.0506	1
cg15450528	LGI4	0.0917264	0.00899582	0.284228	0.589435	0.0054	1.0054	0.954045	0.978917	-1.02154	0.789018	1.11589	1.11589	0.166935	0.674563	1.82661	1.82661	0.368764	0.68563	-1.45851	0.0117931	2.79794	2.79794	0.927497	0.963474	-1.03791	0.369867	1.45718	1.45718	2.65752	7.03536	2.35319	1
cg14706575	RTN4;RTN4;RTN4;RTN4;RTN4;RTN4;RTN4;RT N4	0.091727	0.695824	0.96748	-1.03361	0.232216	1.25648	1.25648	0.124439	1.15024	1.15024	0.0760313	0.84694	-1.18072	0.0319851	1.23545	1.23545	0.70098	1.033	1.033	0.56397	0.949934	-1.0527	0.788927	0.977676	-1.02283	0.591862	1.04659	1.04659	0.65751	0.298	0.0996753	1
cg20163796	LGR6;LGR6;LGR6	0.0917275	0.562814	0.848533	-1.1785	0.3345995	0.500726	-1.9971	0.0225806	0.46457	-2.15253	0.654888	0.881347	-1.13463	0.080824	0.580695	-1.72208	0.402189	0.786083	-1.27213	0.0818076	1.71842	1.71842	0.247774	0.712322	-1.40386	0.234698	0.704908	-1.41862	2.65751	3.31716	1.10953	1
cg00386098	SETD1B	0.0917282	0.1247	1.1246	1.1246	0.0289539	0.555143	-1.81352	0.670351	0.912337	-1.09609	0.532802	1.34494	1.34494	0.0904722	0.490461	-2.03882	0.729219	1.0786	1.0786	0.855281	1.03879	1.03879	0.653943	0.907851	-1.1015	0.11656	0.693963	-1.441	2.65749	3.93189	0.646187	1
cg12271332	VCPIP1	0.0917289	0.422667	1.14842	1.14842	0.0075246	1.78806	1.78806	0.312435	0.838152	-1.1931	0.134551	1.31339	1.31339	0.0697354	1.40876	1.40876	0.060035	1.43112	1.43112	0.882242	0.975266	-1.02536	0.889062	1.02367	1.02367	0.403349	1.15545	1.15545	2.65749	2.20165	0.401934	1
cg26980000	TRAPPC5;TRAPPC5;TRAPPC5	0.0917311	0.219462	0.692943	-1.44312	0.100575	0.599931	-1.66686	0.153723	0.648014	-1.54318	0.529912	0.834641	-1.19812	0.0106068	0.401363	-2.49151	0.045962	0.522183	-1.91504	0.0377639	0.504389	-1.9826	0.813686	0.935137	-1.06936	0.0583852	0.544694	-1.83589	2.65746	3.39603	1.13593	1
cg26097557	FYTTD1;KIAA0226;FYTTD1;FYTTD1	0.0917342	0.0274464	0.20897	-4.78603	0.0172042	1.15484	1.15484	0.0636801	1.12022	1.12022	0.0141368	0.751046	-1.33148	0.0294713	0.625523	-1.59838	0.0260497	0.715553	1.36051	0.0134789	0.3617753	1.56055	0.0178594	1.24108	1.24108	0.0305113	0.361764	0.361764	2.65743	0.984504	0.197169	1
cg12474452	PCDH11X	0.0917206	0.0245566	0.575774	-1.73679	0.249958	1.54472	1.54472	0.647125	0.93504	-1.08754	0.549134	1.08503	-1.11669	0.493122	1.13511	1.13511	0.882454	0.97342	-1.02731	0.0431934	0.654745	-1.52731	0.566843	1.8995959	-1.11116	0.0963633	1.39895	1.39895	0.575959	1.39546	0.46074	1
cg18885501	NUBP1	0.0917206	0.833081	0.928055	-1.07752	0.375521	1.37956	1.37956	0.295939	1.46731	1.46731	0.436784	0.755287	-1.324	?	?	?	0.0039763	0.254116	-3.93521	0.795766	1.09611	1.09611	0.496128	1.27696	1.27696	0.73375	1.12839	1.12839	2.65822	4.73684	1.76207	1
cg12527776	T	0.0917355	0.973766	1.01	1.01	0.456121	1.25813	1.25813	0.306269	1.37776	1.37776	0.593704	0.849672	-1.17692	0.019084	0.423885	-2.35913	0.549122	1.20128	1.20128	0.0415447	2.036	2.036	0.209409	1.4922	1.4922	0.0801848	1.79901	1.79901	2.65741	3.85213	1.28852	1
cg13063617	BCL2L15	0.0917362	0.297439	0.769457	-1.29962	0.0105751	0.647031	-2.23698	0.00949314	0.438772	-2.27909	0.148463	0.6852	-1.45943	0.501612	0.847955	-1.17931	0.512549	0.851636	-1.17421	0.847086	1.04769	1.04769	0.250357	0.740929	-1.33882	0.115958	0.658622	-1.51832	2.834	2.558	0.70203	1
cg26137068	ADAD1	0.0917373	0.0335105	0.607966	-1.64529	0.179457	0.950945	-1.05176	0.703283	1.14227	1.14227	0.184335	1.2308	1.2308	0.0102128	1.88388	1.88388	0.00312	1.02874	1.02874	0.788585	1.06459	1.06459	0.688053	0.910281	-1.09856	0.507042	1.1715	1.1715	2.65728	2.82875	0.763574	1
cg25536308	CCDC147	0.0917393	0.13708	0.635914	-1.57254	0.442984	0.801663	-1.24746	0.0787051	0.575807	-1.73669	0.166228	0.658819	-1.51787	0.0105409	0.402685	-2.48333	0.169118	0.660927	1.51303	0.0155651	0.432323	-2.31308	0.270886	0.723225	-1.3827	0.869529	1.04757	1.04757	2.65736	3.36297	1.12492	1
cg04497553	TUFM	0.0917414	0.749634	1.06251	1.06251	0.3524792	1.42592	1.42592	0.140771	1.12313	1.12313	0.0441771	0.74197	-1.34785	0.0139792	0.602355	-2.1074	0.0579147	1.96291	1.96291	0.0076354	2.804633	2.804633	0.0648446	1.54555	1.54555	0.0870764	1.21774	1.21774	2.65734	7.19892	2.29532	1
cg05603985	SKI	0.0917438	0.0803141	0.543004	-1.87265	0.618845	1.17607	1.17607	0.058432	1.99661	1.99661	0.952705	0.981003	-1.01937	0.134228	0.593194	-1.68579	0.972642	0.988972	-1.01115	0.0616677	0.506304	-1.9751	0.0305119	0.439517	-2.27523	0.67029	0.870673	1.14854	2.65731	1.44083	1.47211	1
cg07145366	C14orf132	0.0917444	0.299847	1.21719	1.21719	0.328992	1.20237	1.20237	0.464785	0.87276	-1.14579	0.627343	0.914394	-1.09362	0.129696	0.741216	-1.34913	0.0644424	0.523034	-1.91192	0.627348	1.09362	1.09362	0.477693	0.876291	-1.14117	0.199509	1.28141	1.28141	2.6573	1.40834	0.471103	1
cg14544674	NIPA1;NIPA1	0.0917447	0.0464473	0.530384	-1.88547	0.3239479	1.19304	1.19304	0.645013	1.10041	1.10041	0.2237	0.890555	-1.12316	0.542552	0.889555	-1.12439	0.0579147	1.96291	1.96291	0.0076354	2.804633	2.804633	0.0648446	1.54555	1.54555	0.0870764	1.21774	1.21774	2.65734	7.19892	2.29532	1
cg00646659	PIM2	0.0917474	0.0495501	0.38375	-2.60586	0.555578	1.29024	1.29024	0.313551	0.64048	-1.56133	0.545468	0.766601

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02480772	PRKDC;PRKDC	0.0918465	0.15486	0.371132	-2.69446	0.893006	0.916119	-1.09156	0.0259159	0.178795	-5.593	0.328973	0.518969	-1.9269	0.00951539	0.117845	-8.48573
cg02434316	NTAN1	0.0918474	0.58897	1.09159	1.09159	0.0491675	0.697169	-1.43437	0.0742548	1.37649	1.37649	0.18086	1.25638	1.25638	0.0585371	1.40962	1.40962
cg02274263	SNORD115-2	0.0918476	0.154111	0.406604	-2.45939	0.0623061	0.290048	-3.44771	0.111177	0.359315	-2.78308	0.528034	1.45805	1.45805	0.0244457	0.205697	-4.86151
cg01780009	B3GNTL1	0.091848	0.0546029	0.241329	-4.14372	0.015048	0.14252	-7.01655	0.0282445	0.18471	-5.41389	0.196245	0.410262	-2.43747	0.0911669	0.297278	-3.36386
cg23248150	TLL1	0.0918514	0.0672271	0.335011	-2.98498	0.68973	0.807377	-1.23858	0.656939	1.26914	1.26914	0.707962	1.22218	1.22218	0.0613686	0.325028	-3.07666
cg03736685	LPCAT2	0.0918517	0.805591	1.03656	1.03656	0.973989	0.995264	-1.00476	0.242048	0.836694	-1.19518	0.0218508	0.669879	-1.49281	0.25643	1.18826	1.18826
cg14151459	LOC646762	0.0918557	0.21382	1.4028	1.4028	0.950127	0.983955	-1.01631	0.212475	1.40435	1.40435	0.215402	1.401	1.401	0.0577682	0.574209	-1.74153
cg23125449	TMEM132B	0.0918561	0.0434438	6.88175	6.88175	0.467663	1.84745	1.84745	0.299878	2.44079	2.44079	0.999626	1.00039	1.00039	0.0385432	7.32023	7.32023
cg14762436	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.0918606	0.499204	0.693307	-1.44236	0.00348356	0.120398	-8.30582	0.193536	0.479687	-2.08469	0.388606	1.60289	1.60289	0.546192	1.38557	1.38557
cg00070870	TUBB	0.0918634	0.435453	0.844428	-1.18423	0.370014	1.21609	1.21609	0.333086	1.23637	1.23637	0.14027	1.40099	1.40099	0.19601	0.747836	-1.33719
cg13468041	CXCL3	0.0918646	0.0452974	0.505564	-1.97799	0.0485454	0.512062	-1.95289	0.0952663	0.580181	-1.7236	0.0200079	0.434407	-2.30199	0.355418	0.754004	-1.32625
cg21103829	DND1;HARS	0.0918651	0.0133881	0.239705	-4.1718	0.0554222	0.363343	-2.75222	0.93057	1.04147	1.04147	0.938573	1.03659	1.03659	0.498699	0.725962	-1.37748
cg01038299	ANKRD6	0.0918666	0.787854	0.942706	-1.06078	0.0152998	1.91811	1.91811	0.9292	1.01963	1.01963	0.0217363	0.547378	-1.82689	0.224286	0.756354	-1.32213
cg24176030	MTERFD2;MTERFD2;MTERFD2;MTERFD2	0.0918686	?	?	?	?	?	?	0.73902	0.795776	-1.25663	0.367156	1.99495	1.99495	?	?	?
cg20938103	COX8C;KIAA1409	0.091869	0.357611	0.732033	-1.36606	0.0390971	0.455068	-2.19747	0.0922423	0.54279	-1.84233	0.0372353	0.450539	-2.21956	0.197584	0.638225	-1.56684
cg19775718	ASZ1;ASZ1	0.0918694	0.92792	0.937582	-1.06657	0.384933	0.53018	-1.88615	0.0338044	0.171119	-5.84387	0.319873	0.48085	-2.07965	0.00902529	0.0940002	-10.6383
cg26741654	C17orf75	0.0918705	0.07337	0.702876	-1.42273	0.0704931	0.699786	-1.42901	0.576794	1.10469	1.10469	0.498384	1.12905	1.12905	0.172898	0.774035	-1.29193
cg20370281	VPS18	0.0918722	0.0869734	0.127702	-7.83074	0.231347	0.254879	-3.92342	0.159471	0.194571	-5.13951	0.532903	0.502731	-1.98913	0.0269778	0.057738	-17.3196
cg20727052	TBCK;TBCK;TBCK;TBCK	0.0918726	0.0856422	0.779732	-1.28249	0.0583601	0.755683	-1.32331	0.204417	0.839134	-1.19171	0.520556	0.918245	-1.08903	0.725725	0.954921	-1.04721
cg18061485	GPX4;GPX4;GPX4	0.0918742	0.768348	0.897181	-1.1146	0.00241726	4.72016	4.72016	0.399636	1.37265	1.37265	0.855347	1.06933	1.06933	0.3985	0.727938	-1.37374
cg09293773	OR9Q2;OR9Q2	0.0918743	0.101219	0.200792	-4.98027	0.0587325	0.148083	-6.75298	0.0689794	0.16195	-6.17476	0.186119	0.285366	-3.50427	0.0394981	0.118788	-8.41838
cg22109464	C21orf54	0.0918744	0.0753292	0.471848	-2.11933	0.0401088	0.406674	-2.45897	0.019073	0.340859	-2.93377	0.233403	0.622554	-1.60629	0.0268893	0.369984	-2.70282
cg25922112	ENPP6	0.0918747	0.233674	0.819129	-1.22081	0.00698848	1.74622	1.74622	0.263879	1.20454	1.20454	0.555228	0.909056	-1.10004	0.27218	0.833073	-1.20038
cg12479674	TRIM59	0.091875	0.0503563	37.7796	37.7796	0.378692	4.35116	4.35116	0.21302	8.45886	8.45886	0.0828496	22.8043	22.8043	0.901846	1.22248	1.22248
cg11868900	EFCAB1;EFCAB1;EFCAB1	0.0918758	0.0906942	0.775422	-1.28962	0.00907599	1.57219	1.57219	0.135541	1.24549	1.24549	0.633478	0.936547	-1.06775	0.672585	1.05972	1.05972
cg00760812	NUBPL	0.0918762	0.209786	0.749649	-1.33396	0.354457	0.81247	-1.23082	0.0204375	0.543878	-1.83865	0.212456	0.751044	-1.33148	0.039801	0.59563	-1.6789
cg18651515	ROPN1B	0.0918769	0.783141	0.895981	-1.1161	0.876748	0.940082	-1.06374	0.125438	1.93523	1.93523	0.501112	1.31238	1.31238	0.0655094	0.439131	-2.27723
cg14973995	MFSD10;MFSD10;MFSD10	0.0918771	0.931169	1.03149	1.03149	0.0211005	2.70613	2.70613	0.105852	1.88518	1.88518	0.320511	1.44546	1.44546	0.300927	0.680638	-1.46921
cg01357958	LOC100133991;MAP3K14;LOC100133991;C17orf46	0.0918773	0.064901	0.429114	-2.33038	0.492521	0.752411	-1.32906	0.384577	0.695001	-1.43885	0.973547	0.986558	-1.01362	0.0208371	0.321363	-3.11175
cg06658684	CLK2	0.0918774	0.878987	0.914343	-1.09368	0.989927	1.00745	1.00745	0.549089	1.42805	1.42805	0.964406	1.02658	1.02658	0.00336226	0.0958618	-10.4317
cg18634030	HRNBP3	0.0918775	0.405621	0.554449	-1.80359	0.493303	0.617388	-1.61973	0.0660746	0.2395	-4.17536	0.350324	1.94715	1.94715	0.231933	0.419353	-2.38463
cg26498176	SETD1B	0.0918778	0.96596	0.986899	-1.01327	0.513286	1.22736	1.22736	0.346675	1.34912	1.34912	0.317049	1.3766	1.3766	0.385936	0.759833	-1.31608
cg26063625	PRDM2;PRDM2;PRDM2	0.0918837	0.961979	0.984278	-1.01597	0.114029	0.56467	-1.77094	0.0761103	0.518872	-1.92726	0.205182	1.55949	1.55949	0.164913	0.611107	-1.63638
cg20899446	ENTPD8;ENTPD8;ENTPD8;ENTPD8	0.0918869	0.857943	0.976891	-1.02366	0.804224	1.03294	1.03294	0.0143773	1.48252	1.48252	0.0909734	1.27503	1.27503	0.0840639	0.779241	-1.2833
cg03243551	DAXX;DAXX;DAXX;DAXX	0.0918875	0.0228356	0.164514	-6.07852	0.083427	0.280916	-3.55979	0.194382	0.402658	-2.4835	0.46078	0.608021	-1.64468	0.0396	0.206612	-4.84
cg22999427	VPS37D	0.0918881	0.462506	0.88762	-1.12661	0.252623	1.20981	1.20981	0.012338	1.64317	1.64317	0.305683	1.18419	1.18419	0.0464597	1.43839	1.43839
cg22025570	AJAP1;AJAP1	0.0918881	0.536021	0.818731	-1.2214	0.691511	0.88048	-1.13574	0.0107789	0.35976	-2.77963	0.9586	0.983569	-1.01671	0.0610298	0.509772	-1.96166
cg03616148	GRIN2A;GRIN2A;GRIN2A	0.0918884	0.250128	0.515556	-1.93965	0.238552	1.97487	1.97487	0.707418	0.81233	-1.23103	0.0764346	0.337384	-2.96398	0.129867	0.405773	-2.46443
cg20675391	C3orf30;IGSF11;IGSF11	0.0918891	0.757547	1.16255	1.16255	0.595856	0.770776	-1.29739	0.130547	2.2127	2.2127	0.00329711	0.142676	-7.0089	0.45017	1.45392	1.45392
cg13337064	PCDHB15	0.0918902	0.251283	2.78205	2.78205	0.682021	0.703523	-1.42142	0.410904	2.04991	2.04991	0.397468	0.477307	-2.09509	0.16042	0.278022	-3.59684
cg13548664	GFOD1	0.0918908	0.0415431	0.468293	-2.13541	0.050135	0.486278	-2.05644	0.0350601	0.452613	-2.20939	0.699449	1.13341	1.13341	0.451841	0.780794	-1.28075
cg27090289	TBC1D9B;TBC1D9B	0.0918945	0.375801	1.20131	1.20131	0.0648172	1.51963	1.51963	0.873676	1.03263	1.03263	0.13068	0.719387	-1.39007	0.0841387	0.680041	-1.4705
cg17858328	GFI1;GFI1	0.0918964	0.0240328	14.2119	14.2119	0.332464	2.68008	2.68008	0.47896	2.0334	2.0334	0.804433	0.782992	-1.27715	0.794356	1.29379	1.29379
cg19251719	MYOG	0.0918968	0.0325767	0.21062	-4.74789	0.0122499	0.14325	-6.98082	0.0344673	0.21528	-4.64511	0.403581	0.587278	-1.70277	0.0670072	0.278447	-3.59135
cg09950034	XIAP;XIAP	0.091897	0.0268125	0.131942	-7.57909	0.0859759	0.231058	-4.32791	0.525801	0.608718	-1.6428	0.14418	3.35826	3.35826	0.0701897	4.77309	4.77309
cg24863175	PLA2G4A	0.091897	0.0751711	0.406083	-2.46255	0.118956	0.463155	-2.15911	0.761087	0.870487	-1.14878	0.205593	1.83557	1.83557	0.564906	0.76748	-1.30297
cg16718986	MFAP2;MFAP2;MFAP2;MFAP2	0.0918973	?	?	?	0.0717188	0.461897	-2.16498	0.0210799	0.340018	-2.94102	0.098226	0.49922	-2.00312	?	?	?
cg06115835	SH3RF3	0.091898	0.755458	1.03972	1.03972	0.790714	1.03372	1.03372	0.120076	1.23398	1.23398	0.0302349	1.37391	1.37391	0.102149	0.800087	-1.24986
cg08068407	HDGF2;HDGF2	0.0918996	0.36129	0.856526	-1.16751	0.00543056	1.82896	1.82896	0.44941	0.880553	-1.13565	0.770036	1.04956	1.04956	0.826647	0.964451	-1.03686
cg14181271	MAML3	0.0919029	0.0371866	0.197286	-5.06878	0.855968	1.12965	1.12965	0.922199	0.936555	-1.06774	0.113623	0.315033	-3.17427	0.369658	0.53892	-1.85556
cg26774079	CLUL1;CLUL1	0.0919032	0.0489371	5.16407	5.16407	0.505713	1.63735	1.63735	0.377477	1.93717	1.93717	0.315202	2.13467	2.13467	0.768758	0.806327	-1.24019
cg11069798	CUBN	0.0919039	0.241726	0.78907	-1.26732	0.00827289	0.52058	-1.92093	0.311536	1.22435	1.22435	0.615037	1.103	1.103	0.346762	1.20601	1.20601
cg12973936	MARK4	0.0919055	0.634073	0.814793	-1.22731	0.00466374	0.200497	-4.98761	0.470834	1.36797	1.36797	0.805586	1.11107	1.11107	0.880683	0.937859	-1.06626
cg03670355	CLCN4	0.0919055	0.284697	0.590413	-1.69373	0.313563	0.610046	-1.63922	0.187357	1.93979	1.93979	0.0132877	4.28326	4.28326	0.764924	0.867455	-1.1528
cg25945273	CLEC17A	0.091906	0.2206	0.395845	-2.52624	0.0427532	0.18668	-5.35676	0.0641908	0.223873	-4.46681	0.0929511	0.264441	-3.78157	0.0133664	0.110248	-9.07048
cg14418944	FANCC	0.0919069	0.590814	0.708813	-1.41081	0.818696	0.864514	-1.15672	0.203037	0.426537	-2.34446	0.790786	1.18364	1.18364	0.0833232	0.296544	-3.37218
cg16397028	ZFHX3;ZFHX3	0.091908	0.418085	0.735595	-1.35944	0.19593	1.66116	1.66116	0.00479082	0.249235	-4.01228	0.252516	0.641749	-1.55824	0.621355	0.831298	-1.20294
cg25904659	ABR;ABR;ABR	0.0919084	0.65804	1.5141	1.5141	0.00465647	33.2659	33.2659	0.0137139	17.083	17.083	0.423326	2.14158	2.14158	0.873015	1.16062	1.16062
cg03373857	WBSCR16	0.0919107	0.12918	1.1333	1.1333	0.00972745	0.779125	-1.28349	0.675093	0.968338	-1.0327	0.732509	1.02653	1.02653	0.710343	1.02888	1.02888
cg09411189	BNIP2	0.0919108	0.482734	0.837082	-1.19463	0.153278	1.46404	1.46404	0.833546	1.05386	1.05386	0.426108	1.22456	1.22456	0.539379	1.16754	1.16754
cg00941549	AKAP4;AKAP4	0.091911	0.714947	1.15429	1.15429	0.749486	0.882212	-1.13351	0.131079	0.528496	-1.89216	0.0321092	0.374548	-2.66988	0.0125942	0.29711	-3.36576
cg07516307	RXRB	0.0919151	0.0512906	0.501119	-1.99553	0.0898789	0.558761	-1.78967	0.690642	0.882901	-1.13263	0.0806905	1.82774	1.82774	0.137758	0.607997	-1.64475
cg16833551	GNAS;GNAS;GNAS;GNASAS	0.0919166	0.0943296	1.34022	1.34022	0.543978	0.906837	-1.10273	0.52014	1.10938	1.10938	0.34923	1.16583	1.16583	0.429678	1.13696	1.13696
cg14363954	NOTCH1	0.0919188	0.119277	0.415525	-2.40659	0.0166019	0.218773	-4.57095	0.336756	0.5978	-1.6728	0.748907	0.846348	-1.18155	0.0747146	0.356552	-2.80464
cg22977667	XBP1;XBP1	0.0919218	0.100162	1.31366	1.31366	0.168933	1.24855	1.24855	0.476597	1.11585	1.11585	0.00567414	0.577197	-1.73251	0.571256	1.09052	1.09052
cg00818872	CHRNB2;CHRNB2	0.0919219	0.127275	1.25877	1.25877	0.0415781	1.38803	1.38803	0.55215	1.08756	1.08756	0.197755	1.20923	1.20923	0.35473	1.14209	1.14209
cg09073080	PNKD;AAMP;PNKD	0.0919238	0.124013	1.17122	1.17122	0.813392	1.02269	1.02269	0.0155447	1.32519	1.32519	0.381013	1.089	1.089	0.777826	1.0272	1.0272
cg16443152	CAMSAP1L1	0.0919241	0.240179	1.26666	1.26666	0.00665414	1.96773	1.96773	0.038522	1.58527	1.58527	0.421176	0.85389	-1.17111	0.701837	0.928728	-1.07674
cg12476579	DOCK2	0.0919242	0.361139	1.53884	1.53884	0.00265689	6.74289	6.74289	0.116343	2.18914	2.18914	0.69693	0.835515	-1.19687	0.665789	0.819114	-1.22083
cg04836028	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.0919244	0.245202	0.796836	-1.25496	0.270962	0.807239	-1.23879	0.224881	0.788068	-1.26893	0.320508	0.825489	-1.2114	0.00529296	0.503196	-1.9873
cg00733493	NACAD	0.0919259	0.319913	1.89323	1.89323	0.0167926	6.12424	6.12424	0.0354807	4.57397	4.57397	0.0617232	3.69415	3.69415	0.73789	0.81174	-1.23192
cg23656050	JAG2;JAG2	0.091926	0.674977	1.08181	1.08181	0.652823	0.91903	-1.0881	0.368835	1.18781	1.18781	0.223393	1.2694	1.2694	0.00981096	0.544029	-1.83814
cg00457258	INTS1	0.0919304	0.643638	1.11131	1.11131	0.0193102	0.526737	-1.89848	0.172095	0.719426	-1.39	0.0435386	0.591061	-1.69187	0.0550936	0.610962	-1.63676
cg20380448	NAAA	0.0919324	0.987231	0.996986	-1.00302	0.919284	0.981065	-1.0193	0.478717	0.872996	-1.14548	0.55517	1.11914	1.11914	0.937056	1.01501	1.01501
cg13487655	SMOC1;SMOC1	0.0919325	0.804903	1.05151	1.05151	0.0226547	0.574738	-1.73992	0.0404389	0.618543	-1.6167	0.140021	0.724509	-1.38024	0.029424	0.594174	-1.68301
cg14985076	DDAH1	0.0919346	0.0317431	0.479865	-2.08392	0.0355238	0.489777	-2.04175	0.189218	0.666556	-1.50025	0.0264521	0.464181	-2.15433	0.192681	0.668906	-1.49498
cg02749356	ANKRD11	0.0919359	0.928127	0.976203	-1.02438	0.00480994	2.71479	2.71479	0.0198798	2.11797	2.11797	0.579208	1.1613	1.1613	0.485994	1.20802	1.20802
cg22564599	FAM18B2;FAM18B2;FAM18B2;FAM18B2	0.0919426	0.00798675	6.17701	6.17701	0.767092	1.17242	1.17242	0.40185	1.58329	1.58329	0.395182	1.59418	1.59418	0.995567	0.997029	-1.00298
cg00756448	TMC7;TMC7	0.0919428	0.125706	0.621544	-1.6089	0.273651	0.721134	-1.38671	0.114358	0.610875	-1.637	0.101736	0.59802	-1.67218	0.0116637	0.4047	-2.47097
cg16364805	LMF1	0.0919431	0.313217	1.31491	1.31491	0.618444	0.876531	-1.14086	0.20561	1.41972	1.41972	0.0310812	0.514684	-1.94294	0.00926763	0.420369	-2.37886
cg06914817	TCF3;TCF3	0.0919451	0.543809	0.883985	-1.13124	0.766078	1.06171	1.06171	0.833309	1.0432	1.0432	0.169866	0.745705	-1.34101	0.00305024	0.442885	-2.25792
cg01220513	SH3KBP1	0.0919489	0.635587	0.867893	-1.15222	0.0876566	0.571459	-1.74991	0.0153418	0.413434	-2.41877	0.573429	1.18395	1.18395	0.330675	0.742358	-1.34706
cg06125903	CTSZ	0.0919492	0.829851	1.10008	1.10008	0.344873	1.53915	1.53915	0.145608	0.500296	-1.99882	0.408304	0.687377	-1.45481	0.300267	1.60927	1.60927
cg20760427	BAT2	0.0919553	0.0427092	1.68442	1.68442	0.0600287	1.60668	1.60668	0.120904	1.45633	1.45633	0.576401	1.13445	1.13445	0.276257	0.776371	-1.28804
cg10219833	FBXL17	0.0919557	0.429184	1.24434	1.24434	0.373255	1.28093	1.28093	0.774511	1.08091	1.08091	0.427607	1.24531	1.24531	0.230942	1.40548	1.40548
cg01812047	SLC6A9;SLC6A9;SLC6A9	0.0919572	0.0850693	0.306474	-3.26292	0.00801815	0.121221	-8.24942	0.273993	0.493111	-2.02794	0.473405	1.57288	1.57288	0.0300026	0.204836	-4.88196
cg27496339	BLVRA	0.0919581	0.393154	0.788341	-1.26849	0.850765	1.05254	1.05254	0.022622	0.476089	-2.10045	0.201561	0.693037	-1.44292	0.521161	0.837945	-1.1934
cg16658719	TGFB2;TGFB2	0.0919585	0.150814	0.845196	-1.18316	0.326767	1.11693	1.11693	0.853059	0.979951	-1.02046	0.545588	0.935369	-1.0691	0.146662	1.1855	1.1855
cg16638920	LOC645323;LOC645323	0.0919596	0.254663	0.687854	-1.4538	0.288478	0.707035	-1.41436	0.367818	1.3378	1.3378	0.60848	1.1765	1.1765	0.192822	0.64817	-1.54281
cg16624210	TPPP	0.09196	0.522264	0.743095	-1.34572	0.16037	1.98708	1.98708	0.171508	1.94746	1.94746	0.0879981	2.36802	2.36802	0.604697	0.787336	-1.27011
cg19154774	EXOC4;EXOC4	0.0919607	0.647703	1.1274	1.1274	0.513493	0.841381	-1.18852	0.180067	0.690001	-1.44927	0.327508	1.30141	1.30141	0.0186679	0.475648	-2.1024
cg07983268	MRPS24	0.0919612	0.457176	1.151	1.151	0.376959	1.18339	1.18339	0.146826	1.33535	1.33535	0.0212155	0.597808	-1.67278	0.297008	0.818067	-1.22239
cg23916158	MYBBP1A;MYBBP1A	0.0919612	0.0458659	0.579953	-1.72428	0.783785	1.06767	1.06767	0.834051	1.05121	1.05121	0.823709	0.948272	-1.05455	0.171135	0.706891	-1.41465
cg11826475	PXN;PXN	0.0919627	0.0238374	0.375375	-2.664	0.951485	0.978136	-1.02235	0.854928	0.935665	-1.06876	0.349148	0.704557	-1.41933	0.0143334	0.333864	-2.99523
cg14209487	SYNE1;SYNE1;SYNE1	0.0919641	0.0370936	0.383223	-2.60944	0.0184352	0.322116	-3.10447	0.126273	0.519205	-1.92602	0.189836	1.73368	1.73368	0.715866	0.865152	-1.15587
cg10805039	NXN	0.0919648	0.038043	0.187811	-5.3245	0.0115067	0.111017	-9.00762	0.237617	0.423033	-2.36388	0.131772	0.322613	-3.09969	0.063607	0.234509	-4.26422
cg11540207	C2CD2L	0.0919652	0.855719	1.03865	1.03865	0.197869	0.753095	-1.32785	0.308743	0.80293	-1.24544	0.188569	0.748078	-1.33676	0.00288233	0.425753	-2.34878
cg09636263	C16orf88	0.0919673	0.0279684	0.582601	-1.71644	0.708739	0.924897	-1.0812	0.420126	0.842504	-1.18694	0.492862	0.865104	-1.15593	0.0250934	1.74087	1.74087
cg02365648	BNIP3	0.0919684	0.0523028	0.245839	-4.0677	0.543082	1.47895	1.47895	0.0627681	0.264206	-3.78492	0.150348	0.375275	-2.66472	0.0234894	0.179024	-5.58586
cg01606324	PHF13	0.091969	0.350562	1.46684	1.46684	0.864056	0.933953	-1.07072	0.0734152	0.451159	-2.21652	0.249768	0.619032	-1.61543	0.931589	1.03483	1.03483
cg25622855	OBSCN;OBSCN	0.0919706	0.0426393	0.702875	-1.42273	0.243197	0.831538	-1.20259	0.388989	0.875145	-1.14267	0.467814	0.894402	-1.11806	0.117538	0.773525	-1.29278
cg01240823	SLCO3A1;SLCO3A1	0.0919707	0.652727	0.758086	-1.31911	0.0031658	0.084984	-11.7669	0.0625605	0.277624	-3.60199	0.446245	1.60757	1.60757	0.407327	0.595552	-1.67911
cg07685563	UHRF1;UHRF1	0.0919718	0.616203	0.883548	-1.1318	0.365231	1.25599	1.25599	0.209752	0.723362	-1.38243	0.650964	1.11804	1.11804	0.00766739	0.431898	-2.31536
cg13390743	DSEL	0.0919719	0.465575	1.12931	1.12931	0.716008	1.06166	1.06166	0.740329	0.946993	-1.05597	0.911243	1.01843	1.01843	0.0465942	0.688546	-1.45234
cg00594129	EBF1	0.0919722	0.0315845	29.9267	29.9267	0.348134	3.67832	3.67832	0.629685	0.519396	-1.92531	0.904666	1.17534	1.17534	0.0333335	28.6013	28.6013
cg10581445	SHC4;EID1;EID1	0.0919739	0.269791	0.873472	-1.14486	0.398941	0.903336	-1.10701	0.201705	1.17199	1.17199	0.436639	1.09792	1.09792	0.153864	0.835498	-1.19689
cg18835493	KLHL29	0.0919752	0.318578	0.839445	-1.19126	0.0818769	0.720844	-1.38726	0.0235819	0.631911	-1.5825	0.23513	1.23524	1.23524	0.0380915	0.664875	-1.50404
cg23797577	TMEM107;TMEM107	0.0919758	0.0187984	0.493457	-2.02652	0.848293	0.953591	-1.04867	0.319147	1.29106	1.29106	0.371628	0.796429	-1.25561	0.0267494	0.521411	-1.91787
cg27375642	KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.0919761	0.101907	0.450744	-2.21855	0.556223	0.767286	-1.3033	0.665142	0.823811	-1.21387	0.568087	0.77352	-1.29279	0.0021599	0.147119	-6.79721
cg11105029	TGM6	0.0919771	0.0149135	0.166055	-6.02211	0.626965	0.745492	-1.3414	0.0849154	0.319015	-3.13465	0.98508	1.01128	1.01128	0.0162016	0.171407	-5.83406
cg14142627	CARS2	0.0919784	0.068731	0.182765	-5.47151	0.0506262	0.155966	-6.41165	0.0265193	0.111476	-8.97058	0.569356	0.618943	-1.61566	0.082597	0.201128	-4.97197
cg17935035	CHST14;CHST14	0.0919787	0.375866	1.17642	1.17642	0.687495	1.07497	1.07497	0.100621	0.725045	-1.37922	0.242824	1.24422	1.24422	0.238078	1.24724	1.24724
cg23882945	ALPK1;ALPK1	0.0919814	0.595081	1.23282	1.23282	0.0148514	3.21944	3.21944	0.295016	1.52766	1.52766	0.168467	1.77285	1.77285	0.682367	0.851678	-1.17415
cg08551532	DLL3;DLL3	0.0919815	0.0716972	6.69359	6.69359	0.0900848	5.84801	5.84801	0.323527	2.62214	2.62214	0.195459	3.64898	3.64898	0.492936	1.93154	1.93154
cg09461388	CELSR1	0.0919818	0.124983	0.426446	-2.34496	0.0731824	0.358643	-2.78829	0.0685764	0.351261	-2.84689	0.663182	1.25219	1.25219	0.0936262	0.388197	-2.57601
cg09684846	FAM18A	0.0919847	0.0484756	9.546	9.546	0.0715627	0.133489	-7.49127	0.719516	1.43462	1.43462	0.06798	7.73515	7.73515	0.579259	0.570904	-1.75161
cg23230904	FAM196B;DOCK2	0.0919847	0.129853	0.575797	-1.73672	0.0694703	0.504072	-1.98384	0.43865	0.766061	-1.30538	0.0328786	0.430882	-2.32082	0.00510681	0.286996	-3.48437
cg08192683	PTPRN2;PTPRN2;PTPRN2	0.0919853	0.942439	1.04273	1.04273	0.403347	1.64125	1.64125	0.0686901	3.25622	3.25622	0.874906	0.912763	-1.09557	0.0788047	0.322743	-3.09844
cg14195016	TRAF3;TRAF3;TRAF3	0.0919871	0.0670369	1.20385	1.20385	0.960975	1.00443	1.00443	0.786522	0.975765	-1.02484	0.397988	0.924768	-1.08135	0.179126	0.865999	-1.15474
cg02452585	SLC2A1;SLC2A1	0.0919879	0.0284044	0.6593	-1.51676	0.395811	1.15031	1.15031	0.272932	1.2017	1.2017	0.903187	0.980596	-1.01979	0.59039	0.916215	-1.09145
cg02305164	ATP8B3	0.0919884	0.0121285	0.0889355	-11.2441	0.269838	0.410971	-2.43326	0.0340216	0.147356	-6.78628	0.318942	0.450623	-2.21915	0.113199	0.263399	-3.79652
cg04585517	CDC42EP3	0.091991	0.260696	0.723909	-1.38139	0.792661	0.930015	-1.07525	0.674652	0.890229	-1.12331	0.0253121	0.480775	-2.07998	0.0197151	0.460387	-2.17208
cg26634219	HOXB1	0.091991	0.331401	3.24497	3.24497	0.00900751	49.4215	49.4215	0.181281	5.29624	5.29624	0.0532804	13.1832	13.1832	0.0558494	12.738	12.738
cg12351749	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.091994	0.271151	0.802881	-1.24551	0.199278	1.29682	1.29682	0.486621	0.873311	-1.14507	0.6752	0.922414	-1.08411	0.313518	0.818921	-1.22112
cg03136781	ATG16L1;ATG16L1;SCARNA6	0.0919945	0.292155	2.21474	2.21474	0.629605	1.4241	1.4241	0.712139	0.763664	-1.30948	0.154987	3.02608	3.02608	0.0577664	4.76262	4.76262
cg13514772	PLEKHA2	0.0919962	0.509331	0.752175	-1.32948	0.0293599	0.335615	-2.9796	0.0204408	0.304677	-3.28216	0.930475	1.03782	1.03782	0.851509	0.92337	-1.08299
cg22443054	NCSTN;COPA;COPA	0.0919975	0.213405	0.640695	-1.56032	0.104061	0.546926	-1.8284	0.0161021	0.367899	-2.71814	0.415061	1.32694	1.32694	0.217535	0.64372	-1.55347
cg06444723	HBS1L;HBS1L;HBS1L	0.0919977	0.330157	1.20603	1.20603	0.442153	1.1573	1.1573	0.209294	1.2798	1.2798	0.555161	1.11768	1.11768	0.0349931	1.58091	1.58091
cg09971646	DLK1	0.0919994	0.065701	5.33891	5.33891	0.014166	11.6443	11.6443	0.17626	3.20926	3.20926	0.176971	3.20236	3.20236	0.142407	3.59254	3.59254
cg02423105	CDH26;CDH26	0.0920036	0.0864717	0.284227	-3.51831	0.259225	0.45755	-2.18556	0.104784	0.308008	-3.24667	0.228066	0.431527	-2.31735	0.171045	0.379768	-2.63319
cg02196912	NYNRIN	0.0920038	0.907553	0.946326	-1.05672	0.975634	1.01461	1.01461	0.0562375	0.358168	-2.79199	0.267375	1.73103	1.73103	0.461596	1.4275	1.4275
cg13664588	SNORD1A	0.0920074	0.0237888	0.189846	-5.26743	0.48595	0.646619	-1.54651	0.839576	0.882652	-1.13295	0.171683	0.408165	-2.44999	0.0170489	0.166764	-5.99651
cg12976883	SP140;SP140	0.0920122	0.129033	0.360123	-2.77683	0.639648	1.34125	1.34125	0.124511	0.35504	-2.81658	0.173102	0.405511	-2.46602	0.0114789	0.139593	-7.1637
cg15093997	CHST3	0.0920127	0.0739744	0.363395	-2.75183	0.00416436	0.141981	-7.0432	0.0368326	0.291526	-3.43023	0.882084	0.92733	-1.07836	0.331562	0.600963	-1.66399
cg17142149	RCAN2	0.0920132	0.138568	3.78818	3.78818	0.100577	4.49275	4.49275	0.666789	1.43594	1.43594	0.137121	3.80964	3.80964	0.0377038	7.48881	7.48881
cg13944632	VAV2;VAV2	0.0920136	0.378	0.745935	-1.3406	0.769074	0.909009	-1.1001	0.156898	0.612247	-1.63333	0.105873	0.564189	-1.77246	0.0111663	0.356792	-2.80275
cg20059407	CTSH;CTSH	0.0920143	0.519773	1.24433	1.24433	0.00556203	0.29518	-3.38777	0.102208	0.549258	-1.82064	0.860556	1.06067	1.06067	0.760186	1.10801	1.10801
cg13732858	ADAM20	0.0920152	0.662939	0.788018	-1.26901	0.0686577	0.330536	-3.02539	0.967957	0.978415	-1.02206	0.868793	1.09396	1.09396	0.0110016	0.176778	-5.65681

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02480772	0.0337123	0.198977	-5.0257	0.188646	0.403832	-2.47628	0.193044	0.407883	-2.45168	0.176991	0.392885	-2.54528	2.65605	17.8289	5.96672	1
cg02434316	0.0464789	1.44244	1.44244	0.781673	0.956351	-1.04564	0.471175	0.888916	-1.12497	0.59301	1.09053	1.09053	2.65604	1.08559	0.36331	1
cg02274263	0.364508	0.577163	-1.73261	0.248496	2.03715	2.03715	0.877709	1.09508	1.09508	0.0447982	0.257026	-3.89066	2.65603	14.6355	4.89802	1
cg01780009	0.4608	0.612896	-1.6316	0.046768	0.226661	-4.41188	0.0853535	0.289369	-3.4558	0.44594	0.602565	-1.65957	2.65603	17.882	5.98452	1
cg23248150	0.514418	0.702919	-1.42264	0.396688	1.58844	1.58844	0.0118431	5.34086	5.34086	0.971874	1.01898	1.01898	2.65599	11.9586	4.00221	1
cg03736685	0.457939	0.89578	-1.11635	0.0757805	1.33347	1.33347	0.0382777	0.704956	-1.41853	0.461685	0.896629	-1.11529	2.65598	0.891916	0.298501	1
cg14151459	0.143602	1.50134	1.50134	0.488564	0.833648	-1.19955	0.0135901	2.20249	2.20249	0.914758	1.02807	1.02807	2.65594	2.81268	0.941347	1
cg23125449	0.247327	0.366173	-2.73095	0.629176	0.667552	-1.49801	0.0144841	12.2093	12.2093	0.358176	2.19195	2.19195	2.65593	29.018	9.71175	1
cg14762436	0.88068	1.08351	1.08351	0.241177	0.51937	-1.92541	0.19602	0.481869	-2.07525	0.786182	1.15626	1.15626	2.65588	11.993	4.01392	1
cg00070870	0.974774	1.00674	1.00674	0.0637743	0.642204	-1.55714	0.0146797	1.89344	1.89344	0.499248	1.15692	1.15692	2.65584	1.89962	0.635787	1
cg13468041	0.219006	0.681153	-1.4681	0.949694	0.981434	-1.01892	0.999499	1.00019	1.00019	0.0242679	0.45038	-2.22035	2.65583	3.71084	1.24199	1
cg21103829	0.0475847	0.347651	-2.87645	0.143872	0.480842	-2.07969	0.860404	1.08554	1.08554	0.0384396	0.32681	-3.05988	2.65582	9.14604	3.06113	1
cg01038299	0.491867	0.858378	-1.16499	0.590473	1.12619	1.12619	0.643247	1.10741	1.10741	0.277077	0.780921	-1.28054	2.6558	2.01272	0.673651	1
cg24176030	0.0631309	0.103949	-9.6201	0.0620093	9.83856	9.83856	?	?	?	?	?	?	10.1291	22.5784	1.11453	1
cg20938103	0.216075	0.651005	-1.53609	0.0139034	0.36716	-2.72361	0.839719	0.93541	-1.06905	0.0425435	0.463013	-2.15977	2.65577	4.57261	1.53045	1
cg19775718	0.729719	0.781094	-1.28026	0.0193204	0.133276	-7.50323	0.908614	1.08523	1.08523	0.5212	0.629282	-1.58911	2.65577	21.3425	7.14336	1
cg26741654	0.0957274	0.723871	-1.38146	0.0146643	0.588247	-1.69997	0.994167	0.99871	-1.00129	0.429837	1.15293	1.15293	2.65575	1.31168	0.439023	1
cg20370281	0.068639	0.108701	-9.19955	0.0135693	0.0359432	-27.8217	0.0357518	0.0699112	-14.3039	0.238006	0.260327	-3.84133	2.65573	49.8657	16.6903	1
cg20727052	0.954987	0.992635	-1.00742	0.0115051	1.51281	1.51281	0.817644	1.03071	1.03071	0.797879	1.03418	1.03418	2.65573	0.72139	0.241453	1
cg18061485	0.509222	0.781951	-1.27885	0.556269	0.803635	-1.24435	0.633431	0.838205	-1.19303	0.720072	1.14133	1.14133	2.65571	5.67572	1.89971	1
cg09293773	0.054435	0.141959	-7.04427	0.0253055	0.0926525	-10.793	0.127774	0.229238	-4.36228	0.0479074	0.132235	-7.56227	2.65571	33.6593	11.2661	1
cg22109464	0.0469387	0.422023	-2.36954	0.454514	0.749028	-1.33506	0.10359	0.509044	-1.96447	0.239389	0.626664	-1.59575	2.65571	6.05197	2.02565	1
cg25922112	0.871732	0.974511	-1.02616	0.0982919	1.33607	1.33607	0.270285	1.20132	1.20132	0.810681	1.03909	1.03909	2.6557	1.07392	0.35945	1
cg12479674	0.307855	5.57631	5.57631	0.0269227	71.2643	71.2643	0.0153909	126.678	126.678	0.0421353	45.2392	45.2392	2.6557	111.492	37.3175	1
cg11868900	0.291202	1.16121	1.16121	0.525322	0.915914	-1.09181	0.399394	0.888938	-1.12494	0.305668	1.15574	1.15574	2.65569	0.783265	0.262167	1
cg00760812	0.0137988	0.515028	-1.94164	0.738765	1.07569	1.07569	0.663504	0.908977	-1.10014	0.100223	0.675293	-1.48084	2.65569	1.99891	0.669057	1
cg18651515	0.103629	0.492349	-2.03108	0.00915136	0.267715	-3.73532	0.444875	0.733404	-1.36351	0.615159	0.817259	-1.2236	2.65568	6.66614	2.23124	1
cg14973995	0.6295	0.839892	-1.19063	0.0277369	0.393026	-2.54436	0.779588	0.904203	-1.10595	0.70966	0.874382	-1.14366	2.65567	5.41877	1.81373	1
cg01357958	0.265906	0.623044	-1.60502	0.00561369	0.22675	-4.41014	0.25784	0.61761	-1.61914	0.344245	0.67192	-1.48827	2.65567	7.00576	2.34492	1
cg06658684	0.156532	0.41034	-2.437	?	?	?	0.468351	1.54291	1.54291	0.892516	1.0827	1.0827	2.68625	13.0643	4.86341	1
cg18634030	0.534033	0.646251	-1.54739	0.0306786	0.17207	-5.8116	0.0323182	5.68224	5.68224	0.390344	0.543279	-1.84067	2.65567	20.2095	6.76439	1
cg26498176	0.248674	0.688929	-1.45153	0.00328511	0.290011	-3.44815	0.552878	0.830677	-1.20384	0.593487	0.84663	-1.18115	2.65567	4.0162	1.34428	1
cg26063625	0.229963	1.51999	1.51999	0.0188921	0.38859	-2.57341	0.356901	1.37024	1.37024	0.731119	0.891659	-1.1215	2.65559	4.64785	1.55574	1
cg20899446	0.54306	0.922808	-1.08365	0.433072	0.90087	-1.11004	0.327933	0.876539	-1.14085	0.174689	1.2073	1.2073	2.65555	0.716181	0.239726	1
cg03243551	0.0856149	0.283952	-3.52173	0.0191845	0.152957	-6.53777	0.468998	0.61376	-1.6293	0.0651954	0.25368	-3.94198	2.65555	18.465	6.18077	1
cg22999427	0.293823	1.18954	1.18954	0.826393	1.03563	1.03563	0.129965	0.770497	-1.29786	0.589234	0.916779	-1.09078	2.65554	1.06853	0.35767	1
cg22025570	0.370178	0.745501	-1.34138	0.284322	1.42613	1.42613	0.702956	1.13007	1.13007	0.029117	0.440137	-2.27202	2.65554	4.28378	1.43391	1
cg03616148	0.927456	0.951039	-1.05148	0.196338	0.470889	-2.12364	0.00531285	0.132002	-7.57562	0.695689	0.805174	-1.24197	2.65554	12.7809	4.27815	1
cg20675391	0.908954	1.05722	1.05722	0.935549	0.961425	-1.04012	0.934943	0.961069	-1.04051	0.33981	0.619702	-1.61368	2.65553	9.95026	3.33067	1
cg13337064	0.38629	2.1343	2.1343	0.0466054	6.99502	6.99502	0.0119337	14.5575	14.5575	0.524734	0.576816	-1.73366	2.65551	30.6471	10.2586	1
cg13548664	0.193118	0.641086	-1.55985	0.0184874	0.397592	-2.51514	0.760532	1.10372	1.10372	0.225309	0.662924	-1.50847	2.65551	4.38282	1.46708	1
cg27090289	0.425014	0.848408	-1.17868	0.024807	1.71451	1.71451	0.659928	0.914524	-1.09346	0.400116	0.84046	-1.18982	2.65546	1.71249	0.57324	1
cg17858328	0.33024	2.69307	2.69307	0.839456	0.818717	-1.22142	0.00392818	45.9058	45.9058	0.809065	1.2696	1.2696	2.65544	40.8905	13.6878	1
cg19251719	0.157043	0.389672	-2.56626	0.337788	0.540442	-1.85034	0.153289	0.385869	-2.59155	0.0943756	0.318192	-3.14275	2.65543	16.3093	5.45942	1
cg09950034	0.134285	0.287419	-3.47924	0.984758	1.01486	1.01486	0.534034	1.62631	1.62631	0.827171	1.18393	1.18393	2.65543	25.0753	8.39379	1
cg24863175	0.0450123	2.84694	2.84694	0.0836194	2.38907	2.38907	0.14959	2.01923	2.01923	0.727966	0.853147	-1.17213	2.65543	8.70006	2.91229	1
cg16718986	0.124571	1.88821	1.88821	0.458127	0.751224	-1.33116	0.351293	0.695033	-1.43878	0.598464	0.817974	-1.22253	2.89758	4.98136	1.71914	1
cg06115835	0.683393	0.950162	-1.05245	0.118223	0.809388	-1.2355	0.904386	0.985129	-1.0151	0.0591262	0.766688	-1.30431	2.65542	0.653719	0.218829	1
cg08068407	0.475683	1.12716	1.12716	0.060929	1.41706	1.41706	0.249627	1.21965	1.21965	0.52682	0.899582	-1.11163	2.6554	1.14538	0.383415	1
cg14181271	0.346496	0.521795	-1.91646	0.00928771	0.109198	-9.15769	0.0410269	0.205541	-4.8652	0.112717	0.31396	-3.18512	2.65536	18.9339	6.33818	1
cg26774079	0.912008	1.08406	1.08406	0.35504	2.00311	2.00311	0.00265286	20.8173	20.8173	0.855177	1.14271	1.14271	2.65535	22.4217	7.50573	1
cg11069798	0.240895	0.788709	-1.2679	0.316151	0.818435	-1.22184	0.147983	1.34993	1.34993	0.392678	0.844263	-1.18446	2.65535	1.57187	0.526189	1
cg12973936	0.85005	1.0842	1.0842	0.947972	0.972512	-1.02827	0.0712534	0.42292	-2.36451	0.187861	1.81501	1.81501	2.65533	7.67224	2.56834	1
cg03670355	0.0438415	0.333376	-2.99962	0.651792	0.806217	-1.24036	0.369781	0.646142	-1.54765	0.742708	1.16905	1.16905	2.65533	9.45514	3.16518	1
cg25945273	0.197922	0.375582	-2.66253	0.0234876	0.142654	-7.00995	0.345733	0.497181	-2.01134	0.172607	0.351845	-2.84216	2.65532	21.7779	7.29031	1
cg14418944	0.91686	0.935933	-1.06845	0.00470976	0.0924271	-10.8193	0.519838	0.661208	-1.51238	0.0330461	0.205883	-4.85713	2.65531	16.9086	5.66031	1
cg16397028	0.141215	0.555883	-1.79894	0.87849	1.05842	1.05842	0.679707	1.16657	1.16657	0.153842	0.567447	-1.76228	2.6553	5.79165	1.93882	1
cg25904659	0.507607	1.87006	1.87006	0.806908	1.25613	1.25613	0.529158	1.81065	1.81065	0.835864	0.82432	-1.21312	2.65529	36.4688	12.2083	1
cg03373857	0.152256	0.889549	-1.12416	0.162508	1.12053	1.12053	0.437168	0.941301	-1.06236	0.194735	0.900608	-1.11036	2.65526	0.244951	0.0820009	1
cg09411189	0.580793	1.14917	1.14917	0.0229107	0.507395	-1.97085	0.0534481	0.578779	-1.72778	0.0812509	1.619	1.619	2.65526	2.61323	0.874819	1
cg00941549	0.13164	1.89014	1.89014	0.798434	1.10529	1.10529	0.867031	1.06775	1.06775	0.877103	1.06241	1.06241	2.65526	6.43531	2.15432	1
cg07516307	0.122458	0.593873	-1.68386	0.305479	0.718674	-1.39145	0.147628	1.62202	1.62202	0.609765	1.17382	1.17382	2.65521	4.07594	1.36451	1
cg16833551	0.166981	1.26438	1.26438	0.00259379	1.94364	1.94364	0.926763	1.01475	1.01475	0.694534	1.06486	1.06486	2.65519	1.06611	0.356905	1
cg14363954	0.0611791	0.334222	-2.99203	0.0224666	0.24165	-4.13821	0.106982	0.40087	-2.49457	0.808627	1.13434	1.13434	2.65516	11.3481	3.79908	1
cg22977667	0.591308	0.921187	-1.08556	0.477508	1.11559	1.11559	0.772004	1.04498	1.04498	0.989696	0.998046	-1.00196	2.65513	0.964576	0.322923	1
cg00818872	0.509634	0.910879	-1.09784	0.0310171	0.702339	-1.42381	0.791367	0.963678	-1.03769	0.170309	0.815631	-1.22605	2.65513	0.818918	0.274159	1
cg09073080	0.0797788	0.831541	-1.20259	0.314195	1.1038	1.1038	0.87074	1.01557	1.01557	0.0335635	1.26564	1.26564	2.6551	0.378576	0.126742	1
cg16443152	0.389058	1.18491	1.18491	0.442064	1.16261	1.16261	0.210533	1.28867	1.28867	0.119869	1.38313	1.38313	2.6551	1.55367	0.520146	1
cg12476579	0.23047	1.78181	1.78181	0.279553	1.67559	1.67559	0.340692	1.56962	1.56962	0.83814	1.09847	1.09847	2.6551	8.86524	2.96795	1
cg04836028	0.0777251	0.693296	-1.44238	0.277658	1.23483	1.23483	0.850762	1.03582	1.03582	0.171277	0.761738	-1.31279	2.6551	1.46789	0.491429	1
cg00733493	0.822224	1.14999	1.14999	0.610511	0.726871	-1.37576	0.0375297	4.47582	4.47582	0.311993	1.91465	1.91465	2.65508	16.2174	5.42938	1
cg23656050	0.618246	0.910573	-1.09821	0.247472	1.25292	1.25292	0.121655	1.36737	1.36737	0.133864	1.35184	1.35184	2.65508	1.46212	0.489503	1
cg00457258	0.0690558	0.630721	-1.58549	0.432828	1.19883	1.19883	0.807619	1.05683	1.05683	0.620099	0.892962	-1.11987	2.65502	2.15832	0.722597	1
cg20380448	0.617661	1.09956	1.09956	0.0218779	1.68	1.68	0.346966	0.833059	-1.20039	0.00988657	0.540765	-1.84923	2.655	1.49572	0.500764	1
cg13487655	0.274236	1.25974	1.25974	0.322549	0.812695	-1.23047	0.227296	0.773171	-1.29337	0.800288	0.949852	-1.0528	2.655	1.7322	0.579937	1
cg14985076	0.0438061	0.508743	-1.96563	0.0672358	0.549817	-1.81879	0.0738195	0.559235	-1.78816	0.269701	0.715181	-1.39825	2.65497	3.57673	1.1975	1
cg02749356	0.967396	1.01097	1.01097	0.457016	1.2241	1.2241	0.396555	1.26082	1.26082	0.527062	0.842752	-1.18659	2.65495	2.99663	1.00328	1
cg22564599	0.506322	0.696896	-1.43493	0.324961	0.580216	-1.7235	0.0865773	2.75606	2.75606	0.0416082	3.51869	3.51869	2.65487	12.0597	4.03777	1
cg00756448	0.0632004	0.548999	-1.8215	0.0218172	0.453878	-2.20324	0.191979	0.672753	-1.48643	0.105407	0.601878	-1.66147	2.65487	3.46308	1.15949	1
cg16364805	0.705048	0.905012	-1.10496	0.410578	0.801834	-1.24714	0.282582	0.745984	-1.34051	0.751548	0.920018	-1.08694	2.65487	2.89639	0.969756	1
cg06914817	0.394647	0.839481	-1.19121	0.0962182	0.693092	-1.44281	0.768	1.06117	1.06117	0.207971	0.7661	-1.30531	2.65484	1.69352	0.56702	1
cg01220513	0.43835	0.790867	-1.26444	0.0722552	1.81382	1.81382	0.537218	1.20375	1.20375	0.113263	0.599564	-1.66788	2.6548	3.70416	1.24024	1
cg06125903	0.142663	2.01055	2.01055	0.00892339	4.3691	4.3691	0.408216	1.45491	1.45491	0.219672	0.564355	-1.77193	2.65479	8.2603	2.76575	1
cg20760427	0.0874442	0.655931	-1.52455	0.786902	0.941235	-1.06243	0.127004	1.44612	1.44612	0.479329	0.851523	-1.17437	2.65472	2.10032	0.703259	1
cg10219833	0.215382	1.42363	1.42363	0.00623276	0.380709	-2.62668	0.222021	0.706352	-1.41573	0.565803	0.854505	-1.17027	2.65471	3.08473	1.03287	1
cg01812047	0.356219	0.554653	-1.80293	0.167807	0.401283	-2.492	0.254135	0.477291	-2.09516	0.975609	1.01917	1.01917	2.65469	16.2202	5.4311	1
cg27496339	0.939979	1.02068	1.02068	0.0408916	0.526434	-1.89957	0.070115	1.73415	1.73415	0.106608	0.619385	-1.61451	2.65468	3.10791	1.04065	1
cg16658719	0.434763	1.09095	1.09095	0.038612	0.769761	-1.2991	0.157834	1.17934	1.17934	0.0395302	1.29703	1.29703	2.65468	0.501653	0.167973	1
cg16638920	0.539216	1.21601	1.21601	0.00344632	0.286607	-3.4891	0.582085	0.83957	-1.19109	0.847442	1.06247	1.06247	2.65466	4.16132	1.39338	1
cg16624210	0.560423	0.763723	-1.30937	0.0875456	0.421669	-2.37153	0.0162363	3.8418	3.8418	0.994587	1.00311	1.00311	2.65466	8.8138	2.95122	1
cg19154774	0.245502	1.37245	1.37245	0.0300712	1.94444	1.94444	0.515087	1.18772	1.18772	0.888576	1.03721	1.03721	2.65465	2.85617	0.956367	1
cg07983268	0.221002	0.787453	-1.26992	0.231523	1.26247	1.26247	0.0572126	0.670609	-1.49118	0.821483	1.04287	1.04287	2.65465	1.45028	0.485617	1
cg23916158	0.00469419	0.408797	-2.4462	0.750379	1.07894	1.07894	0.422162	0.822686	-1.21553	0.480004	1.18639	1.18639	2.65464	2.38248	0.797756	1
cg11826475	0.0549825	0.453553	-2.20481	0.0636178	0.468745	-2.13336	0.0776344	0.49037	-2.03928	0.303602	0.678998	-1.47276	2.65463	5.55022	1.85846	1
cg14209487	0.390993	1.41662	1.41662	0.588572	1.24159	1.24159	0.339101	1.47762	1.47762	0.667881	0.842792	-1.18653	2.65461	6.6013	2.21043	1
cg10805039	0.224599	0.411865	-2.42798	0.133352	0.324334	-3.08324	0.0450794	0.2021	-4.94805	0.0871209	0.268832	-3.7198	2.6546	20.3312	6.80786	1
cg11540207	0.492225	1.15642	1.15642	0.149571	0.724757	-1.37977	0.874976	0.967726	-1.03335	0.777898	0.942786	-1.06069	2.6546	1.82505	0.611117	1
cg09636263	0.116748	0.701468	-1.42558	0.151076	1.3773	1.3773	0.965683	1.00899	1.00899	0.954978	0.988322	-1.01182	2.65457	1.82	0.60943	1
cg02365648	0.245031	0.46161	-2.16633	0.468427	0.62565	-1.59834	0.46407	1.60598	1.60598	0.0396314	0.220335	-4.53855	2.65456	16.9904	5.6893	1
cg01606324	0.600535	1.23451	1.23451	0.00620459	0.241031	-4.14885	0.323458	0.665888	-1.50175	0.275603	1.57183	1.57183	2.65455	6.68423	2.23825	1
cg25622855	0.580855	0.919206	-1.0879	0.0123503	1.60092	1.60092	0.498006	0.901294	-1.10952	0.912707	0.983571	-1.0167	2.65453	0.959414	0.321267	1
cg01240823	0.411862	0.598669	-1.67037	0.543346	0.686502	-1.45666	0.541726	0.685439	-1.45892	0.596315	1.38663	1.38663	2.65453	15.7181	5.26332	1
cg07685563	0.238765	1.35293	1.35293	0.0588311	0.59285	-1.68677	0.336184	0.784315	-1.275	0.393214	0.80713	-1.23896	2.65452	2.52329	0.844948	1
cg13390743	0.679774	0.93429	-1.07033	0.00338285	0.520696	-1.92051	0.463853	0.885067	-1.12986	0.482611	0.889715	-1.12396	2.65451	1.12736	0.377508	1
cg00594129	0.262845	0.207208	-4.82607	0.967566	1.05636	1.05636	0.129247	9.11829	9.11829	0.0290147	32.1425	32.1425	2.65451	76.4336	25.5945	1
cg10581445	0.98754	0.998163	-1.00184	0.0391769	0.755066	-1.32439	0.606221	1.06312	1.06312	0.0229257	1.37761	1.37761	2.65449	0.582618	0.195097	1
cg18835493	0.291854	1.20404	1.20404	0.462451	1.13541	1.13541	0.814456	0.960873	-1.04072	0.640127	1.08323	1.08323	2.65447	1.21183	0.4058	1
cg23797577	0.577115	0.869554	-1.15002	0.37958	1.25065	1.25065	0.3097	0.770402	-1.29802	0.0488357	0.572227	-1.74756	2.65447	2.58841	0.866769	1
cg27375642	0.585588	0.782672	-1.27767	0.0974565	0.445127	-2.24655	0.371692	0.664836	-1.50413	0.274459	0.602847	-1.6588	2.65446	8.32764	2.78864	1
cg11105029	0.106097	0.347003	-2.88182	0.138703	0.38449	-2.60085	0.070573	0.297645	-3.35971	0.403869	0.599154	-1.66902	2.65445	15.1192	5.06294	1
cg14142627	0.123192	0.248297	-4.02743	0.0269352	0.112385	-8.89795	0.0501289	0.155171	-6.44452	0.139844	0.265736	-3.76313	2.65444	29.2577	9.79751	1
cg17935035	0.133589	1.33545	1.33545	0.010238	1.78367	1.78367	0.0972271	1.38457	1.38457	0.158143	1.30964	1.30964	2.65443	1.34368	0.449959	1
cg23882945	0.276958	1.55456	1.55456	0.431276	0.730948	-1.36809	0.301345	0.658477	-1.51866	0.02136	2.94224	2.94224	2.6544	6.40014	2.14324	1
cg08551532	0.0629047	7.22959	7.22959	0.00947738	22.3721	22.3721	0.0227547	13.1599	13.1599	0.340259	2.53239	2.53239	2.6544	37.575	12.5829	1
cg09461388	0.15712	0.460012	-2.17386	0.0110146	0.194625	-5.13809	0.520698	0.715979	-1.39669	0.0558056	0.328899	-3.04045	2.65439	11.0718	3.70765	1
cg09684846	0.596264	0.585609	-1.70762	0.142697	0.206628	-4.83961	0.12089	0.185749	-5.38362	0.361288	2.55794	2.55794	2.65436	42.1075	14.1009	1
cg23230904	0.210279	0.640583	-1.56108	0.811391	0.922518	-1.08399	0.875141	0.948334	-1.05448	0.583156	0.829469	-1.20559	2.65436	4.78445	1.60221	1
cg08192683	0.964592	1.02605	1.02605	0.678834	1.27282	1.27282	0.00855334	0.143183	-6.98405	0.506624	0.676795	-1.47755	2.65435	14.1117	4.72572	1
cg14195016	0.205616	0.886319	-1.12826	0.0105771	1.33725	1.33725	0.490524	0.938667	-1.06534	0.886768	0.987206	-1.01296	2.65433	0.343368	0.114988	1
cg02452585	0.0217167	0.641656	-1.55847	0.245806	0.822451	-1.21588	0.141791	1.28965	1.28965	0.420071	0.875768	-1.14186	2.65432	1.0901	0.365056	1
cg02305164	0.437671	0.541886	-1.84541	0.0224613	0.120516	-8.29763	0.0665597	0.203494	-4.91414	0.381043	0.498907	-2.00438	2.65431	25.1778	8.43166	1
cg04585517	0.359612	0.771503	-1.29617	0.0274598	0.487577	-2.05096	0.579468	1.16669	1.16669	0.439888	1.24228	1.24228	2.65428	3.18873	1.06787	1
cg26634219	0.25545	4.03299	4.03299	0.0947689	8.64339	8.64339	0.092507	8.79908	8.79908	0.0534363	13.1551	13.1551	2.65428	57.9982	19.423	1
cg12351749	0.00361907	0.470172	-2.12688	0.552113	0.891118	-1.12219	0.468622	0.86822	-1.15178	0.0909023	0.699833	-1.42891	2.65424	1.54387	0.517032	1
cg03136781	0.440922	1.77134	1.77134	0.022776	7.26282	7.26282	0.0162461	8.48547	8.48547	0.0438762	5.39276	5.39276	2.65424	22.2493	7.45115	1
cg13514772	0.231606	0.586379	-1.70538	0.0548712	0.396006	-2.52521	0.145695	1.94368	1.94368	0.907643	1.05061	1.05061	2.65422	7.60865	2.54811	1
cg22443054	0.0172376	0.373358	-2.67839	0.232319	0.653568	-1.53006	0.16175	0.6021	-1.66085	0.139071	0.582391	-1.71706	2.6542	4.84651	1.62309	1
cg06444723	0.324329	0.827167	-1.20895	0.411652	0.855137	-1.1694	0.303616	1.21973	1.21973	0.00745107	1.90104	1.90104	2.6542	1.46088	0.489246	1
cg09971646	0.148818	3.51046	3.51046	0.953115	1.04884	1.04884	0.0249854	8.69866	8.69866	0.0512537	6.05082	6.05082	2.65418	27.649	9.25969	1
cg02423105	0.527873	0.653868	-1.52936	0.119941	0.326071	-3.06681	0.00564828	0.0895938	-11.1615	0.0338551	0.192883	-5.18448	2.65413	18.5484	6.21202	1
cg02196912	0.0261714	0.285687	-3.50034	0.0736801	2.57771	2.57771	0.327531	1.61605	1.61605	0.208956	1.87569	1.87569	2.65412	9.48012	3.17497	1
cg13664588	0.0996241	0.329098	-3.03861	0.0366896	0.224285	-4.45862	0.181839	0.417804	-2.39347	0.0637574	0.277091	-3.60893	2.65408	15.9415	5.33904	1
cg12976883	0.191948	0.423152	-2.36321	0.017202	0.164077	-6.09469	0.496579	0.650639	-1.53695	0.142729	0.374975	-2.66684	2.65402	16.2951	5.4576	1
cg15093997	0.157618	0.463906	-2.15561	0.243321	0.537638	-1.85999	0.452134	0.677485	-1.47605	0.521651	0.718815	-1.39118	2.65402	10.8607	3.6375	1
cg17142149	0.251785	2.71844	2.71844	0.00833014	16.7221	16.7221	0.108505	4.31623	4.31623	0.0525066	6.30652	6.30652	2.65401	29.3281	9.82266	1
cg13944632	0.0438887	0.472126	-2.11808	0.0712404	0.520514	-1.92118	0.586804	0.837089	-1.19462	0.0276666	0.430143	-2.32481	2.654	4.41395	1.47834	1
cg20059407	0.845776	0.936843	-1.06741	0.0407201	0.453171	-2.20667	0.556857	0.819496	-1.22026	0.27182	0.681664	-1.467	2.654	4.71753	1.58002	1
cg13732858	0.94789	1.03614	1.03614	0.596949	1.33628	1.33628	0.382351	0.614674	-1.62688	0.0152779	0.198303	-5.0428	2.65398	12.4034	4.15421	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg15275965	ATP10A	0.0920175	0.270989	1.4404	1.4404	0.0189303	2.4719	2.4719	0.0143356	2.61529	2.61529	0.0867956	1.82625	1.82625	0.0569686	1.98552	1.98552
cg03203603	CLTC;CLTC	0.0920196	0.215225	1.29387	1.29387	0.294734	0.806848	-1.23939	0.142918	0.732735	-1.36475	0.792352	1.05349	1.05349	0.236308	0.782641	-1.27772
cg11509341	FAM176A;FAM176A;FAM176A	0.0920218	0.317857	1.15868	1.15868	0.130489	1.26234	1.26234	0.0774046	1.32318	1.32318	0.617758	1.07441	1.07441	0.755088	0.956344	-1.04565
cg15624725	TBC1D10B	0.0920219	0.899558	0.988835	-1.01129	0.213859	1.12342	1.12342	0.430116	1.07424	1.07424	0.230691	0.894219	-1.11829	0.0713714	1.1961	1.1961
cg25831075	SLITRK3	0.0920222	0.74858	0.833665	-1.19952	0.862876	1.10274	1.10274	0.158387	2.34675	2.34675	0.249453	0.506135	-1.97576	0.695575	0.800537	-1.24916
cg21186296	PTK2B;PTK2B;PTK2B;PTK2B	0.0920229	0.0296461	0.200401	-4.98999	0.210265	2.29084	2.29084	0.441422	1.63698	1.63698	0.142899	0.372081	-2.68759	0.106512	0.330691	-3.02398
cg20780721	FGF19	0.0920231	0.00285293	1.97332	1.97332	0.60285	1.09079	1.09079	0.30072	1.19426	1.19426	0.0885693	1.36483	1.36483	0.838349	1.0344	1.0344
cg14089474	CBLC;CBLC	0.0920253	0.427715	0.879496	-1.13701	0.568375	0.912626	-1.09574	0.0050275	0.555182	-1.80121	0.777452	0.95606	-1.04596	0.0414939	0.688808	-1.45178
cg17618872	CBFA2T2;CBFA2T2;CBFA2T2	0.0920256	0.35353	0.554851	-1.80228	0.00583025	9.28004	9.28004	0.0480306	4.03344	4.03344	0.894101	1.08566	1.08566	0.529204	0.674783	-1.48196
cg04470557	SLC22A4	0.0920267	0.130674	0.390913	-2.55811	0.808909	1.14961	1.14961	0.0589702	0.293109	-3.4117	0.436569	0.633349	-1.57891	0.304957	0.542633	-1.84287
cg17899198	MCM2	0.0920274	0.465345	1.32972	1.32972	0.877374	1.06101	1.06101	0.0135759	0.309942	-3.22641	0.769612	1.11923	1.11923	0.946065	1.02629	1.02629
cg14161359	KCNA4	0.0920308	0.502211	0.668646	-1.49556	0.078097	3.18025	3.18025	0.407943	1.64916	1.64916	0.228807	2.10949	2.10949	0.164477	0.416191	-2.40274
cg12824192	TCTN2;TCTN2	0.0920334	0.181784	1.44249	1.44249	0.643441	0.886487	-1.12805	0.0417128	1.83457	1.83457	0.175842	0.689327	-1.45069	0.531438	1.17804	1.17804
cg13542306	PIK3R2;PIK3R2	0.0920337	0.0247372	0.358988	-2.78561	0.702775	1.15825	1.15825	0.17264	1.74399	1.74399	0.0207406	0.344054	-2.90652	0.911928	0.958489	-1.04331
cg02014003	NOVA1;NOVA1;NOVA1	0.0920342	0.55001	0.904056	-1.10613	0.0761705	1.38968	1.38968	0.0152569	1.64358	1.64358	0.710682	0.939752	-1.06411	0.648087	0.926225	-1.07965
cg21230392	PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1;PROM1	0.0920343	0.0388015	1.48053	1.48053	0.281705	0.832364	-1.2014	0.825581	0.964449	-1.03686	0.0323069	1.50847	1.50847	0.207588	1.24352	1.24352
cg10639585	TMEM132D	0.0920355	0.359906	0.674627	-1.4823	0.0150643	3.48753	3.48753	0.442739	1.38715	1.38715	0.639113	0.820784	-1.21835	0.923744	0.960757	-1.04085
cg02458904	ZC3H12C	0.0920365	0.710344	1.05196	1.05196	0.339061	0.874771	-1.14316	0.24264	1.1806	1.1806	0.509472	1.09511	1.09511	0.151338	0.811599	-1.23214
cg16590635	JPH3	0.0920365	0.118674	0.302334	-3.3076	0.892164	1.10053	1.10053	0.323734	2.05401	2.05401	0.408706	0.550584	-1.81625	0.0537102	0.212864	-4.69784
cg06580318	SPC25	0.0920379	0.761314	0.956764	-1.04519	0.00887527	0.616836	-1.62118	0.0540166	0.728118	-1.3734	0.149415	0.799112	-1.25139	0.296384	0.85464	-1.17008
cg17327268	NETO1;NETO1;NETO1	0.0920386	0.118704	1.41955	1.41955	0.0259782	0.578863	-1.72752	0.0633591	0.649269	-1.54019	0.227406	1.29969	1.29969	0.411251	1.18982	1.18982
cg22808351	SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A	0.0920429	0.238498	2.14425	2.14425	0.40114	1.70055	1.70055	0.599328	0.720695	-1.38755	0.557531	0.693167	-1.44265	0.214494	0.446015	-2.24207
cg01745420	TMEM123	0.0920441	0.113867	0.722259	-1.38455	0.0621179	0.672147	-1.48777	0.166166	0.756316	-1.3222	0.206056	0.777006	-1.28699	0.570935	0.897336	-1.11441
cg21969190	RFESD;RFESD;RFESD	0.0920443	0.845819	1.07128	1.07128	0.0318261	0.410708	-2.43482	0.0287674	0.401646	-2.48975	0.996314	0.998367	-1.00164	0.153852	0.58274	-1.71603
cg04628369	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.0920469	0.123793	0.245529	-4.07284	0.093339	0.211169	-4.73553	0.925782	0.924502	-1.08166	0.323184	0.423278	-2.36251	0.0197989	0.0934225	-10.7041
cg21584983	ECSIT;ECSIT;ECSIT;ECSIT	0.0920505	0.296044	0.831971	-1.20197	0.570975	1.1021	1.1021	0.451972	0.87801	-1.13894	0.871492	1.02787	1.02787	0.314407	1.19319	1.19319
cg08719777	ZAK;ZAK	0.0920513	0.395303	0.794195	-1.25914	0.00328073	0.346278	-2.88785	0.0269461	0.499853	-2.00059	0.303482	0.754201	-1.32591	0.212614	0.706479	-1.41547
cg10595344	WDR47;WDR47;WDR47	0.0920519	0.271468	0.808723	-1.23652	0.00724136	1.90135	1.90135	0.0844472	1.42468	1.42468	0.467478	0.871878	-1.14695	0.394223	1.17566	1.17566
cg03182958	SGPP2	0.0920531	0.0294118	9.7766	9.7766	0.027416	10.1659	10.1659	0.0303943	9.59993	9.59993	0.195381	3.37778	3.37778	0.0774155	5.72477	5.72477
cg20636580	ERAL1	0.092054	0.267046	2.3049	2.3049	0.18977	0.366784	-2.7264	0.671291	1.36107	1.36107	0.263785	2.31923	2.31923	?	?	?
cg09867208	PRDM16;PRDM16	0.092054	0.192909	0.850823	-1.17533	0.0608323	1.28115	1.28115	0.764802	1.0358	1.0358	0.391503	1.10841	1.10841	0.219844	1.16329	1.16329
cg00826842	FITM2	0.0920544	0.740906	0.888082	-1.12602	0.214109	1.59659	1.59659	0.142229	1.75826	1.75826	0.362322	1.39782	1.39782	0.180032	1.66409	1.66409
cg26617886	PRKCQ	0.0920548	0.861088	0.957453	-1.04444	0.22803	0.730455	-1.36901	0.244528	1.35284	1.35284	0.110834	0.6497	-1.53917	0.0317583	0.535333	-1.868
cg04347164	ZFR2	0.0920559	0.0538226	0.370018	-2.70257	0.451293	0.705729	-1.41697	0.126648	0.472217	-2.11767	0.0516399	0.365723	-2.73431	0.0131185	0.247349	-4.04287
cg04020079	CNRIP1;CNRIP1;CNRIP1;CNRIP1	0.0920582	0.682658	1.04852	1.04852	0.88648	1.0166	1.0166	0.176562	1.18008	1.18008	0.447302	1.09338	1.09338	0.253095	0.871467	-1.14749
cg16665383	C8orf37	0.0920594	0.945814	0.988038	-1.01211	0.149799	0.760799	-1.31441	0.0130421	0.579661	-1.72514	0.814838	1.04241	1.04241	0.209623	1.26379	1.26379
cg09500443	SCGB3A1;SCGB3A1	0.0920598	0.0501254	9.29214	9.29214	0.137988	4.92388	4.92388	0.249947	3.32003	3.32003	0.115825	5.50657	5.50657	0.0349022	11.6308	11.6308
cg26108017	FAM178B;FAM178B	0.0920599	0.320192	0.799076	-1.25144	0.308242	0.794301	-1.25897	0.0267166	0.563682	-1.77405	0.715355	1.08326	1.08326	0.00720168	0.468872	-2.13278
cg19499361	C12orf39	0.0920602	0.889294	0.933087	-1.07171	0.988702	1.00707	1.00707	0.150064	0.46048	-2.17165	0.00281596	0.115724	-8.64128	0.438688	0.674403	-1.48279
cg21158737	NELF;NELF;NELF;NELF	0.0920652	0.699574	1.16487	1.16487	0.0250001	0.35009	-2.85641	0.047992	0.410804	-2.43425	0.439215	0.733088	-1.36409	0.0100308	0.278282	-3.59348
cg13267931	EMID2;EMID2	0.0920667	0.181322	0.745251	-1.34183	0.631106	1.10544	1.10544	0.335992	1.22821	1.22821	0.289733	1.25569	1.25569	0.589677	0.893317	-1.11942
cg23083984	SPN;SPN	0.0920696	0.152354	0.369293	-2.70788	0.223626	2.29506	2.29506	0.705119	0.781121	-1.28021	0.289897	0.489811	-2.0416	0.00331728	0.074396	-13.4416
cg09423085	PPP3R1	0.0920696	0.55142	1.2092	1.2092	0.047331	0.489045	-2.0448	0.0110342	2.73186	2.73186	0.735079	1.113	1.113	0.733653	1.11368	1.11368
cg01818391	AMDHD1	0.0920719	0.167479	0.578082	-1.72986	0.31709	0.680302	-1.46994	0.180593	0.588867	-1.69818	0.0559042	0.446337	-2.24046	0.00363768	0.230983	-4.32933
cg07245558	SCCPDH	0.0920722	0.781626	1.09179	1.09179	0.0829269	1.83455	1.83455	0.934676	1.02625	1.02625	0.468314	1.26264	1.26264	0.0740179	0.532988	-1.87621
cg20143955	TARS2	0.0920723	0.121979	0.693444	-1.44208	0.83608	1.04629	1.04629	0.0460209	1.64768	1.64768	0.0536091	0.619607	-1.61393	0.2628	0.774938	-1.29043
cg04096735	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;FTSJ2;NUDT1;NUDT1	0.092073	0.0876275	0.399452	-2.50343	0.657321	1.24272	1.24272	0.939234	0.963573	-1.0378	0.117808	0.437512	-2.28565	0.216406	0.530937	-1.88346
cg00042081	RSPO3	0.0920736	0.08243	0.625713	-1.59818	0.0774522	1.61343	1.61343	0.450936	0.829274	-1.20587	0.485081	0.841217	-1.18875	0.133211	1.48408	1.48408
cg24135491	SMTNL2;SMTNL2	0.0920761	0.0345795	0.352477	-2.83706	0.78727	0.891848	-1.12127	0.97462	1.01355	1.01355	0.189032	1.80185	1.80185	0.48515	0.740699	-1.35008
cg04368796	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.0920767	0.276892	2.21248	2.21248	0.963326	0.968229	-1.03281	0.345919	1.97704	1.97704	0.11233	3.36663	3.36663	0.799813	0.836581	-1.19534
cg00173854	BRD2;BRD2	0.0920769	0.35672	0.84308	-1.18613	0.0412636	1.52798	1.52798	0.011134	1.77364	1.77364	0.252331	1.24026	1.24026	0.978032	0.995054	-1.00497
cg14528437	KCNT1	0.0920771	0.56818	0.90304	-1.10737	0.283006	1.21801	1.21801	0.561751	0.901473	-1.1093	0.483957	1.13401	1.13401	0.0171521	0.598364	-1.67122
cg12251459	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0920781	0.00812177	0.424875	-2.35364	0.0465881	0.562356	-1.77823	0.0759131	0.607187	-1.64694	0.173286	0.693514	-1.44193	0.0321163	0.530441	-1.88522
cg18975462	EXT1	0.0920787	0.434503	0.884084	-1.13111	0.597836	1.08573	1.08573	0.145022	0.785201	-1.27356	0.0077756	0.589756	-1.69562	0.524339	0.905121	-1.10483
cg02261780	GNA11	0.092081	0.666094	1.29775	1.29775	0.914482	0.937547	-1.06661	0.350641	1.78019	1.78019	0.296616	0.522222	-1.91489	0.171237	0.417041	-2.39785
cg20949700	NAV2;NAV2;NAV2;NAV2	0.0920813	0.79047	1.14816	1.14816	0.405727	1.55478	1.55478	0.329756	1.6851	1.6851	0.0235981	4.06519	4.06519	0.264856	0.547216	-1.82743
cg27150412	PRSS36	0.0920821	0.109397	0.509426	-1.96299	0.263533	0.637394	-1.56889	0.0106558	0.289202	-3.4578	0.0344627	0.385588	-2.59344	0.184172	0.580227	-1.72346
cg22126266	LHX4;LHX4	0.0920828	0.488077	0.91228	-1.09615	0.0306611	1.39227	1.39227	0.512499	1.09043	1.09043	0.167926	0.825691	-1.21111	0.664646	1.05849	1.05849
cg25178781	ARGLU1	0.0920831	0.28469	1.19125	1.19125	0.559747	0.91131	-1.09732	0.0580019	1.40136	1.40136	0.434513	0.881995	-1.13379	0.973657	1.00521	1.00521
cg11904887	MUL1	0.0920843	0.945658	0.982342	-1.01798	0.495962	1.19803	1.19803	0.332097	1.2989	1.2989	0.390116	1.25881	1.25881	0.24032	0.7252	-1.37893
cg10276016	ANKMY2	0.0920874	0.407735	0.717871	-1.39301	0.00651139	0.250566	-3.99096	0.0612687	0.438051	-2.28284	0.975972	1.01186	1.01186	0.0288824	0.364771	-2.74145

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15275965	0.199046	1.5405	1.5405	0.664232	0.870168	-1.1492	0.187827	1.55958	1.55958	0.476091	1.25952	1.25952	2.65396	4.26172	1.42737	1
cg03203603	0.479761	0.867723	-1.15244	0.00350796	0.457475	-2.18591	0.749351	0.938655	-1.06535	0.46929	0.864674	-1.1565	2.65393	1.63949	0.54912	1
cg11509341	0.497856	0.906495	-1.10315	0.0165274	0.658543	-1.5185	0.511403	1.09967	1.09967	0.0879587	1.30816	1.30816	2.6539	0.855307	0.286473	1
cg15624725	0.786746	0.976176	-1.02441	0.0146194	0.765405	-1.3065	0.129359	0.864407	-1.15686	0.486124	1.06495	1.06495	2.6539	0.332329	0.111309	1
cg25831075	0.0265041	0.225822	-4.42827	0.0322939	0.242155	-4.12959	0.0284161	0.231459	-4.32042	0.546078	0.707791	-1.41285	2.6539	13.4522	4.50563	1
cg21186296	0.417653	0.594503	-1.68208	0.0555848	0.256145	-3.90403	0.0659214	0.273781	-3.65256	0.755317	1.21686	1.21686	2.65389	16.569	5.54958	1
cg20780721	0.400749	1.15303	1.15303	0.435035	0.876467	-1.14094	0.253542	1.21824	1.21824	0.271732	1.20854	1.20854	2.65389	1.15201	0.385853	1
cg14089474	0.785035	0.95757	-1.04431	0.342474	1.16777	1.16777	0.145536	0.780495	-1.28124	0.197281	0.805622	-1.24128	2.65386	1.05695	0.354016	1
cg17618872	0.961275	0.970483	-1.03042	0.784628	0.844469	-1.18418	0.748002	0.819621	-1.22008	0.340261	0.545267	-1.83396	2.65386	16.0052	5.36081	1
cg04470557	0.629084	1.32324	1.32324	0.00514109	0.119231	-8.3871	0.911598	1.066	1.066	0.10825	0.364829	-2.74101	2.65384	13.9187	4.662	1
cg17899198	0.0618883	0.446466	-2.23981	0.129106	0.533139	-1.87568	0.983095	1.00816	1.00816	0.0279344	0.36929	-2.7079	2.65384	6.1826	2.07083	1
cg14161359	0.403038	1.65825	1.65825	0.0555274	3.60562	3.60562	0.0126624	6.24379	6.24379	0.408124	1.64883	1.64883	2.65379	14.6816	4.91759	1
cg12824192	0.0233797	0.496478	-2.01419	0.15035	0.67132	-1.4896	0.429407	0.811797	-1.23184	0.924405	0.975767	-1.02484	2.65376	2.80813	0.940595	1
cg13542306	0.216661	0.607651	-1.64568	0.849722	0.929894	-1.07539	0.0620832	0.44712	-2.23654	0.829648	0.920752	-1.08607	2.65376	6.17146	2.06716	1
cg02014003	0.850139	0.968947	-1.03205	0.0625696	0.705031	-1.41838	0.763532	0.950926	-1.05161	0.13857	1.30463	1.30463	2.65375	1.16899	0.39156	1
cg21230392	0.10445	1.33788	1.33788	0.0247611	1.55019	1.55019	0.664384	1.07422	1.07422	0.954191	1.00947	1.00947	2.65375	1.13054	0.37868	1
cg10639585	0.60238	0.80269	-1.24581	0.0144421	3.52712	3.52712	0.151762	1.90051	1.90051	0.9884	0.99394	-1.0061	2.65374	7.34854	2.46145	1
cg02458904	0.0817968	0.769624	-1.29934	0.00782567	0.629107	-1.58956	0.403837	1.12297	1.12297	0.790466	0.964489	-1.03682	2.65373	0.774789	0.259522	1
cg16590635	0.876704	0.896147	-1.11589	0.00472797	0.0706202	-14.1603	0.790127	0.828294	-1.2073	0.436995	0.571214	-1.75066	2.65372	20.9631	7.02178	1
cg06580318	0.267733	0.845785	-1.18233	0.0193763	0.663528	-1.5071	0.205454	0.823829	-1.21384	0.122635	0.784516	-1.27467	2.65371	0.884573	0.296297	1
cg17327268	0.464493	0.857271	-1.16649	0.900003	0.97433	-1.02635	0.107105	1.43886	1.43886	0.94009	0.984572	-1.01567	2.6537	1.79843	0.602407	1
cg22808351	0.124291	2.79621	2.79621	0.0220456	5.45509	5.45509	0.225254	2.19658	2.19658	0.0240104	5.27709	5.27709	2.65365	16.0433	5.374	1
cg01745420	0.140491	0.740869	-1.34977	0.00344595	0.471718	-2.11991	0.183905	0.765936	-1.30559	0.288398	0.811818	-1.2318	2.65363	1.50378	0.503723	1
cg21969190	0.327022	1.4303	1.4303	0.136163	1.76466	1.76466	0.132958	0.563621	-1.77424	0.366286	0.720151	-1.3886	2.65363	5.25771	1.76118	1
cg04628369	0.285828	0.393012	-2.54445	0.0136589	0.0765447	-13.0643	0.0462576	0.146055	-6.84674	0.13056	0.25268	-3.95757	2.6536	29.8322	9.99303	1
cg21584983	0.120751	0.751497	-1.33068	0.163263	1.28742	1.28742	0.0203735	1.60743	1.60743	0.042685	1.48607	1.48607	2.65355	1.21137	0.405784	1
cg08719777	0.987862	0.995982	-1.00403	0.368233	0.783	-1.27714	0.326111	0.764637	-1.30781	0.539445	0.848366	-1.17874	2.65354	2.94421	0.986258	1
cg10595344	0.125503	1.36	1.36	0.621199	0.911766	-1.09677	0.806042	0.955404	-1.04668	0.314308	1.21285	1.21285	2.65354	1.44528	0.484145	1
cg03182958	0.140111	4.09962	4.09962	0.0766168	5.75784	5.75784	0.0956805	5.08717	5.08717	0.0917733	5.20718	5.20718	2.65352	33.2013	11.1219	1
cg20636580	0.0317866	0.162439	-6.15618	0.770747	0.809767	-1.23492	0.0206837	0.133717	-7.47847	0.772925	1.23237	1.23237	2.68403	19.7059	7.34189	1
cg09867208	0.0315687	1.34388	1.34388	0.0274663	1.35765	1.35765	0.83064	1.02543	1.02543	0.0626036	1.27847	1.27847	2.65351	0.577655	0.193506	1
cg00826842	0.684969	1.15707	1.15707	0.0062105	0.279107	-3.58285	0.676715	1.16182	1.16182	0.572863	1.22605	1.22605	2.65351	5.377	1.80122	1
cg26617886	0.309482	0.770222	-1.29833	0.370035	0.795717	-1.25673	0.391926	1.24325	1.24325	0.0408387	1.79682	1.79682	2.6535	2.58961	0.867486	1
cg04347164	0.214884	0.55273	-1.8092	0.0194845	0.277381	-3.60515	0.455229	0.707945	-1.41254	0.172385	0.517081	-1.93393	2.65349	8.66652	2.90319	1
cg04020079	0.199259	0.855279	-1.16921	0.006717	0.666878	-1.49952	0.304851	1.13029	1.13029	0.413982	1.10104	1.10104	2.65346	0.558277	0.187019	1
cg16665383	0.421474	1.15649	1.15649	0.0444188	1.50491	1.50491	0.487324	0.882548	-1.13308	0.804356	0.957008	-1.04492	2.65345	1.31735	0.441304	1
cg09500443	0.0988675	6.08613	6.08613	0.488116	2.01978	2.01978	0.510201	0.51341	-1.94776	0.0148505	19.9016	19.9016	2.65344	41.8614	14.0234	1
cg26108017	0.881025	0.967825	-1.03324	0.167891	0.725466	-1.37842	0.248766	0.768545	-1.30116	0.0647512	0.635732	-1.57299	2.65344	2.00386	0.671284	1
cg19499361	0.566387	0.749269	-1.33463	?	?	?	0.877668	0.926263	-1.07961	0.834377	1.10974	1.10974	2.8588	9.74041	2.98127	1
cg21158737	0.168001	0.560874	-1.78293	0.944925	1.02756	1.02756	0.993961	1.00298	1.00298	0.263447	0.632042	-1.58217	2.65337	6.50887	2.18049	1
cg13267931	0.0594764	0.643538	-1.55391	0.0665929	0.652982	-1.53144	0.0605057	0.644962	-1.55048	0.10786	1.43841	1.43841	2.65336	1.80418	0.604411	1
cg23083984	0.737009	0.803325	-1.24483	0.314364	0.508622	-1.9661	0.647772	0.741652	-1.34834	0.192372	0.407978	-2.45111	2.65332	17.7415	5.94357	1
cg09423085	0.0987965	1.76927	1.76927	0.373932	0.749981	-1.33337	0.909585	1.03646	1.03646	0.293132	1.41027	1.41027	2.65332	4.17585	1.39895	1
cg01818391	0.112417	0.525332	-1.90356	0.733087	0.880294	-1.13598	0.948376	0.976171	-1.02441	0.9208	0.963635	-1.03774	2.65329	5.82998	1.95312	1
cg07245558	0.862113	1.05648	1.05648	0.0166151	0.396766	-2.52038	0.369304	0.747216	-1.3383	0.085077	0.547861	-1.82528	2.65329	4.19726	1.40614	1
cg20143955	0.249009	0.768632	-1.30101	0.271149	0.778648	-1.28428	0.0674266	0.639205	-1.56444	0.342967	1.23784	1.23784	2.65329	2.00426	0.671454	1
cg04096735	0.575593	0.759354	-1.31691	0.00336317	0.143473	-6.96997	0.977564	0.986406	-1.01378	0.855489	1.09278	1.09278	2.65328	9.95434	3.33486	1
cg00042081	0.0314291	0.540592	-1.84982	0.408462	1.22882	1.22882	0.194445	0.715663	-1.39731	0.407325	0.813361	-1.22947	2.65327	2.4961	0.836234	1
cg24135491	0.128547	0.499002	-2.004	0.0902264	2.20359	2.20359	0.0933825	2.18353	2.18353	0.171153	0.539778	-1.85261	2.65324	7.52468	2.52092	1
cg04368796	0.0416721	0.192263	-5.20122	0.0156665	0.124904	-8.00612	0.723559	1.28323	1.28323	0.384543	0.534699	-1.87021	2.65323	20.7197	6.94155	1
cg00173854	0.31419	1.20615	1.20615	0.163211	0.764911	-1.30734	0.641157	1.0882	1.0882	0.633039	0.917027	-1.09048	2.65323	1.36259	0.456498	1
cg14528437	0.616853	0.914679	-1.09328	0.0905663	1.39053	1.39053	0.567411	1.1076	1.1076	0.0396753	0.656681	-1.52281	2.65323	1.31351	0.440055	1
cg12251459	0.698553	0.906381	-1.10329	0.55383	0.85962	-1.16331	0.546121	0.857026	-1.16683	0.146639	0.674688	-1.48217	2.65322	2.68084	0.898144	1
cg18975462	0.210571	0.8156	-1.22609	0.199289	1.23311	1.23311	0.188722	0.806417	-1.24005	0.0747024	0.735842	-1.35899	2.65321	1.00311	0.336065	1
cg02261780	0.185314	0.430303	-2.32394	0.00433591	0.101394	-9.8625	0.471954	1.55154	1.55154	0.259159	0.493255	-2.02735	2.65318	15.1446	5.07385	1
cg20949700	0.570654	1.34627	1.34627	0.0939169	2.60031	2.60031	0.010448	5.32544	5.32544	0.183783	2.07846	2.07846	2.65318	11.3113	3.78961	1
cg27150412	0.588217	0.809594	-1.23519	0.0634074	0.446377	-2.24026	0.0346523	0.386098	-2.59002	0.254306	0.631319	-1.58399	2.65317	6.27378	2.1019	1
cg22126266	0.833566	0.972949	-1.0278	0.0171529	1.46019	1.46019	0.275724	0.862622	-1.15926	0.211284	1.18725	1.18725	2.65316	0.713755	0.239129	1
cg25178781	0.0189037	0.639094	-1.56471	0.0484303	0.701114	-1.4263	0.613217	1.08358	1.08358	0.639267	1.07718	1.07718	2.65316	1.04202	0.34911	1
cg11904887	0.827647	0.944606	-1.05864	0.0118241	0.439764	-2.27395	0.179284	1.45185	1.45185	0.0583275	1.74918	1.74918	2.65314	2.87031	0.961649	1
cg10276016	0.532437	0.780747	-1.28082	0.201789	0.59003	-1.69483	0.795774	1.10685	1.10685	0.220139	0.603732	-1.65636	2.6531	6.43763	2.15685	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111T vs. N)	Fold-Change(1111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	p-value(347T vs. 347T)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. 537T)	Fold-Change(537T vs. N)	p-value(537T vs. 537T)	Fold-Change(537T vs. 537T)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(563T vs. 563T)	F(Test)	S5(Test)	S6(Error)	F(Error)
cg13865352	IMPACT;IMPACT	0.0922001	0.765292	1.27452	1.27452	0.0123292	1.62623	13.0623	0.0205556	10.2383	10.2383	?	?	?	0.769749	-1.29912	0.953866	1.04794	1.04794	0.777094	1.25715	1.25715	0.55435	0.653774	-1.62397	?	?	2.89315	22.8514	7.88646	1
cg12180613	SHROOM1	0.0922004	0.176722	2.19663	2.19663	0.0512291	7.58731	7.58731	0.067402	3.07423	3.07423	1.50313	1.45131	1.40393	2.89438	2.89438	0.136169	2.41071	2.41071	0.05762	3.24302	3.24302	0.30927	1.77999	1.77999	0.748738	1.19256	1.19256	2.65172	12.6113	4.22745	1
cg05887636	SENP6;SENP6;SENP6;SENP6	0.0922007	0.893553	0.98002	-1.02039	0.0109551	0.618047	-1.618	0.0408669	0.7006559	-1.42723	0.591439	0.921583	-1.08509	0.918192	0.984635	-1.0156		0.726418	1.05437	1.05437	0.35378	1.15464	1.15464	0.730413	0.949204	-1.05351	0.0857019	1.33144	1.33144	2.65172	0.953956	0.319777	1
cg18001869	CACNA1C;CACNA1C NEK6;NEK6;NEK6;NEK6;NEK6;NEK6;NEK	0.0922014	0.527487	1.237	1.237	0.117321	0.568276	-1.75971	0.0100817	0.3400041	-2.94082	0.817533	1.0798	1.0798	0.122687	0.563458	-1.77476		0.618645	1.28493	1.28493	0.18734	1.59084	1.59084	0.161414	0.604097	-1.65539	0.605592	0.841091	-1.18893	2.65171	4.6354	1.55385	1
cg14385362	6	0.0922024	0.0271107	0.186803	-5.35323	0.0128479	0.137879	-7.25272	0.170081	0.391765	-2.55255	0.359241	0.546328	-1.8304	0.0264504	0.184963	5.40648		0.359782	0.546721	-1.82909	0.057639	0.252406	-3.96187	0.63793	0.737875	-1.35524	0.23487	0.45001	-2.22217	0.6517	17.2719	5.7898	1
cg06551493	PTPN12;PTPN12;PTPN12	0.0922038	0.114186	1.34617	1.34617	0.0570842	0.689062	-1.45125	0.428193	1.1502	1.1502	0.400937	1.16036	1.16036	0.0285541	1.56356	1.56356		0.0294742	1.55821	1.55821	0.885531	0.975388	-1.02523	0.98499	0.996751	-1.00326	0.922763	0.983363	-1.01692	2.65168	1.25688	0.421327	1
cg10991175	INS-IGF2;INS-IGF2;INS	0.0922043	0.246558	0.645849	-1.54845	0.8273566	1.08199	1.08199	0.4430878	0.7541591	-1.92598	0.111227	1.87008	1.87008	0.537341	1.25275	1.25276		0.623204	1.19562	1.19562	0.00796997	0.2933116	-3.40161	0.0756016	0.4898879	-2.04132	0.7196554	0.878062	-1.13887	2.65168	5.46087	1.83259	1
cg06799927	SITEAP1;SITEAP1	0.0922059	0.0408964	3.22816	3.22816	0.0200085	4.03094	4.03094	0.717351	1.19786	0.703325	0.826947	-1.20972	0.954191	1.09568	1.09568	0.0210083		0.503804	0.713981	-1.4006	0.851238	0.910982	-1.09772	0.854151	1.09569	1.09569	0.0148516	4.42867	4.42867	2.65166	10.3568	3.4718	1
cg20677019	TRIM42	0.0922097	0.0292391	0.568248	-1.75979	0.024258	1.80567	1.80567	0.4111108	1.20313	1.20313	0.925855	0.979729	-1.02069	0.984449	0.995721	-1.0043		0.185025	0.733976	-1.36244	0.0930898	1.50152	1.50152	0.594776	1.12538	1.12538	0.754438	0.933291	-1.07548	2.65161	2.03297	0.681505	1
cg26268944	ZNF509	0.0922122	0.790165	0.87981	-1.13648	0.0343419	0.950801	-1.05183	0.217648	0.7765615	0.8570997	-1.17632	0.873194	0.837156	0.6201266	0.8149004	-1.22733		0.407773	1.23626	1.23626	0.0138407	0.5607572	-1.78332	0.383457	1.293446	1.065149	0.652957	0.815588	3.687077	1.31686	1
cg21334198	WDR46;WDR46	0.0922123	0.0832195	0.394658	-2.53384	0.0461392	0.330308	-3.02748	0.0400358	0.3164931	-3.15963	0.0920868	0.407003	-2.45699	0.0510753	0.340569	-2.93626		0.143894	0.467106	-2.14084	0.0495448	0.327732	-3.05127	0.465719	1.43317	1.43317	0.257062	0.563583	-1.77436	0.61557	1.84698	3.30866	1
cg08942073	AXIN1;AXIN1 CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.0922146	0.0770596	0.685795	-1.45816	0.907893	0.978039	-1.02245	0.879282	0.971262	-1.02959	0.214945	0.77845	-1.2846	0.0523009	0.654779	-1.52723		0.225704	0.783412	-1.27647	0.0331588	1.61252	1.61252	0.150263	1.34429	1.34429	0.991153	0.997875	-1.00213	2.65155	1.54581	0.518209	1
cg21659210	AMK2B;CAMK2B;CAMK2B;CAMK2B	0.0922154	0.530477	0.891087	-1.12223	0.176722	1.29688	1.29688	0.83093	1.03905	1.03905	0.225635	1.25976	1.25976	0.145125	0.750599	-1.33227		0.855375	0.967433	-1.03366	0.0642194	0.685657	-1.45845	0.782883	1.05141	1.05141	0.0108291	0.559475	-1.78739	0.65154	1.38296	0.463616	1
cg16600927	CAMSAP1;1	0.0922165	0.00778691	1.185241	1.58837	0.4593411	1.95959	1.95959	0.807944	1.1044	1.1044	0.529983	1.76851	1.76851	-1.30122	0.141168	0.524538	-1.90644	0.475403	1.34437	1.34437	0.725088	0.866351	-1.15427	0.774738	1.16145	1.16145	0.804016	0.003592	-1.10669	0.62153	6.98134	2.3404	1
cg00332588	POTE;A;POTEA	0.0922181	0.15627	0.298508	-3.34999	0.254945	2.5792	2.5792	0.338113	0.455142	-2.19712	0.256202	0.388774	-2.57219	0.0555781	0.177409	-5.63669		0.562629	0.627135	-1.59455	0.0117835	0.0814815	-12.2727	0.292083	0.418378	-2.39038	0.0375535	0.146109	-6.84419	2.65151	26.6842	8.94558	1
cg22491701	PDLIM1;PDLIM3	0.0922217	0.488	0.929468	-1.07585	0.0590301	0.801535	1.24756	0.282886	1.16715	1.16715	0.168552	1.36491	1.36491	0.454643	0.930606	-1.07446		0.0744852	0.81367	-1.2291	0.0404864	1.27828	1.27828	0.384096	0.911542	-1.09704	0.867934	0.982879	-1.01742	2.65147	0.451374	0.151589	1
cg09936581	MTF2;MTF2;MTF2;MTF2	0.0922219	0.253937	1.13228	1.13228	0.542331	1.06627	1.06627	0.0409725	1.14753	1.14753	0.695769	0.959966	-1.0417	0.292509	0.951776	-1.05109		0.949787	1.00657	1.00657	0.760442	1.03583	1.03583	0.388719	0.891734	-1.12141	0.00349998	1.51005	1.51005	2.65145	0.454573	0.152394	1
cg26134895	FBXL7	0.0922244	0.90614	0.962094	-1.0394	0.230132	0.662011	-1.51055	0.933406	1.02776	1.02776	0.0908897	0.543257	-1.84075	0.0250068	0.417429	-2.39562		0.0352909	0.447915	-2.23257	0.0182825	0.391277	-2.55574	0.879249	0.954145	-1.05107	0.629083	1.17287	1.17287	2.65143	4.50702	1.51097	1
cg04467803	BCL6	0.0922244	0.324568	0.797917	-1.25343	0.0479371	1.26113	1.26113	0.0708021	1.21807	1.21807	0.0720647	0.633822	-1.57785	0.161225	0.707056	-1.41409		0.112312	0.674167	-1.48301	0.0383547	1.05915	1.05915	0.1904	1.37196	1.37196	0.180441	1.38315	1.38315	2.65143	2.18407	0.732205	1
cg09271603	PDK3;PDK3	0.0922247	0.00365262	0.108537	-9.21344	0.361646	0.588085	-1.69836	0.11496	0.379777	-2.63312	0.602805	1.34521	1.34521	0.0243903	0.540962	-1.84856		0.068525	0.316065	-3.1639	0.858077	0.900837	-1.10639	0.4926	0.674598	-1.48236	0.778134	1.17298	1.17298	2.65143	13.398	4.49166	1
cg20339903	MAGEB4	0.0922255	0.0866121	0.737582	-1.35573	0.0479339	1.212319	1.212319	0.0408168	0.6194422	-1.61444	0.307567	0.877466	-1.13913	0.0181988	0.216432	-4.62038		0.0329629	0.424134	-2.35809	0.0182408	0.416935	-2.39846	0.408458	1.05193	1.05193	0.184401	0.621552	-1.60888	0.61524	1.9857	4.46151	1
cg24781971	FMN1	0.0922258	0.0539172	0.142762	-7.00466	0.113027	0.215599	-4.63824	0.244463	0.338526	-2.95398	0.146761	0.250224	-3.99643	0.0219127	0.0866333	11.5429		0.100654	0.201968	-4.95127	0.0339319	0.110519	-9.04819	0.0231662	0.0893738	-11.189	0.229534	0.325767	-3.06968	2.65141	33.2299	11.1404	1
cg05728071	SPG8	0.0922263	0.0991649	0.655229	-1.52386	0.718175	1.08813	1.08813	0.609109	1.12771	1.12771	0.113521	1.45811	1.40493	0.0419253	1.7328	1.7328		0.0623419	1.63054	1.63054	0.0710068	0.625113	-1.59971	0.405147	1.21955	1.21955	0.973996	0.992433	-1.00762	2.65141	2.28045	0.764523	1
cg04964751	HPS1;HPS1	0.0922299	0.223393	1.2239	1.2239	0.0479384	0.94094	1.29408	0.237618	1.84004	1.84004	0.0247324	2.32078	2.32078	0.0248657	1.88417	1.88417		0.859241	0.94617	-1.05693	0.747802	0.906977	-1.10257	0.868211	1.88802	1.88802	0.0240227	-3.08199	2.65136	4.08021	1.36792	1
cg07345919	EEF1E1;EEF1E1	0.0922313	0.294967	1.35483	1.35483	0.276643	1.37214	1.37214	0.11253	1.62098	1.62098	0.95091	1.01736	1.01736	0.00600102	0.366419	-2.72912		0.242814	1.4074	1.4074	0.808174	1.07037	1.07037	0.533099	1.19304	1.19304	0.713421	0.902005	-1.10864	2.65135	3.28261	1.10052	1
cg25539204	ZNF280C	0.0922316	0.00536042	0.0934669	-10.7046	0.242424	0.232224	0.678102	-1.47455	0.276251	-3.62016	0.312883	0.145142	-6.88938	0.0176571	-2.37736	0.312882		0.0451568	0.0379978	-26.3178	0.0444844	0.128007	-7.81251	0.0757329	0.643423	-1.55419	0.242581	0.76485	28.4951	2.65141	0.559002	1
cg18853046	SEPT4;SEPT4;SEPT4 NR3C1;NR3C1;NR3C1;NR3C1;NR	0.0922325	0.225791	2.07655	2.07655	0.0559344	0.8854	0.8854	0.0293013	4.37065	4.37065	0.040005	1.75927	1.75927	0.134318	1.20961	1.20961		0.309837	1.82887	1.82887	0.140063	2.48926	2.48926	0.0684203	3.22823	3.22823	0.149056	2.43238	2.43238	0.65133	13.8569	4.64567	1
cg27107893	3C1;NR3C1	0.0922325	0.362182	0.64192	-1.55783	0.699251	1.2017	1.2017	0.372869	1.54186	1.54186	0.738995	1.17147	1.17147	0.0182736	0.257749	-3.87975		0.995686	1.00256	1.00256	0.00862488	0.2040913	-4.88011	0.819834	1.11402	1.11402	0.75762	1.15779	1.15779	2.65133	9.40657	3.15366	1
cg19610267	NUDT9P1	0.0922345	0.863611	0.962913	-1.03852	0.341766	1.24026	1.24026	0.389379	1.21396	1.21396	0.713103	1.07814	1.07814	0.0164457	1.90478	1.90478		0.0596764	1.59541	1.59541	0.133596	1.42711	1.42711	0.626788	0.897918	-1.11369	0.0623262	0.63053	-1.58597	2.65131	2.02884	0.680196	1
cg02512284	SGK269	0.0922357	0.0492659	1.85328	1.85328	0.0283017	0.480766	-2.03763	0.176497	0.673676	-1.48439	0.156047	1.51768	1.51768	0.884417	1.0408	1.0408		0.855321	0.951062	-1.05146	0.0761162	1.7204	1.7204	0.514823	1.1991	1.1991	0.87109	1.04566	1.04566	2.65129	3.17338	1.06393	1
cg06375740	chr19:48,C19orf48,C19orf48,C19orf48 NUDT22;TRPT1;TRPT1;TRPT1;NUDT22; TRPT1;TRPT1;NUDT22;TRPT1;TRPT1;TR	0.0922376	0.0199763	1.4326	1.4326	0.261336	0.860743	-1.16179	0.403571	0.896353	-1.11563	0.279692	1.15473	1.15473	0.0235342	0.72609	-1.37724		0.195038	0.839066	-1.1918	0.587086	1.07272	1.07272	0.682133	0.948497	-1.0543	0.513663	1.08449	1.08449	2.65127	0.688164	0.23072	1
cg26733140	PT1;TRPT1;TRPT1;TRPT1	0.0922397	0.233769	0.886684	-1.1278	0.350333	1.09704	1.09704	0.430053	1.08069	1.08069	0.567655	1.05723	1.05723	0.0678037	0.821115	-1.21786		0.0231808	0.769891	-1.29888	0.748388	0.96947	-1.03149	0.0499053	1.24041	1.24041	0.695684	1.0386	1.0386	2.65125	0.389748	0.130672	1
cg03234980	FABP6;FABP6;FABP6	0.0922407	0.720995	0.921441	-1.08526	0.534802	0.76857	-1.15272	0.611769	0.889783	-1.12387	0.0979566	1.51313	1.51313	0.0069057	0.474006	2.10968		0.0808298	1.55537	1.55537	0.982503	1.00502	1.00502	0.305169	0.784855	-1.27412	0.322961	0.792212	-1.26229	2.65123	2.18569	0.732804	1
cg24572227	SYNGAP1	0.0922415	0.47595	0.751541	-1.3306	0.28988	0.648648	-1.54167	0.546036	0.786035	-1.27221	0.543757	1.27399	1.27399	0.0084365	0.265674	-3.76401		0.160518	0.55392	-1.80531	0.186355	0.575776	-1.73679	0.170953	1.77621	1.77621	0.0666621	0.44473	-2.24855	2.65122	6.51995	2.18598	1
cg18311756	LOC442459	0.0922435	0.0596895	0.778966	-1.28403	0.0479134	1.54667	1.54667	0.0106456	1.24446	1.24446	0.0870894	1.18806	1.18806	0.0149451	1.44444	1.44444		0.0509672	0.748626	-1.33606	0.0198948	1.36228	1.36228	0.0164481	1.24882	1.24882	0.229837	1.85307	1.85307	2.65122	17.3436	6.03947	1
cg17407324	ZNF615	0.0922445	0.35518	1.21197	1.21197	0.148665	0.73118	-1.36765	0.987916	0.996944	-1.00307	0.48843	1.15288	1.15288	0.0352363	1.6415	1.6415		0.965946	1.00867	1.00867	0.334883	1.22264	1.22264	0.0134345	0.538657	-1.85647	0.868182	1.03414	1.03414	2.65119	1.7154	0.575139	1
cg06058690	CD96;CD96	0.0922447	0.0910242	1.2	1.2	0.0498147	0.98483	-1.04877	0.836484	1.03572	1.03572	0.0820151	1.28079	1.28079	0.0138144	1.71927	1.71927		0.0579766	1.06242	1.06242	0.0337702	0.479531	-2.08537	0.0474903	1.06154	1.06154	0.444042	0.885331	0.885331	2.65119	0.874096	0.29107	1
cg05182416	TTC25;CNP	0.0922483	0.22516	0.571658	-1.7493	0.454045	1.39763	1.39763	0.943513	1.03159	1.03159	0.139917	2.00812	2.00812	0.0377549	0.347243	-2.87983		0.755132	0.871678	-1.14721	0.0105322	0.243468	-4.10732	0.9935	1.12205	1.12205	0.754275	1.14779	1.14779	2.65114	8.09101	2.7128	1
cg25464216	ZNF8;S	0.0922536	0.0053604	0.0853469	-11.7206	0.196244	0.230212	0.678102	-1.47455	0.276251	-3.62736	0.312882	0.145142	-6.88938	0.0176571	-2.37736	0.312882		0.0451568	0.0379978	-26.3178	0.0444844	0.128007	-7.81251	0.0757329	0.643423	-1.55419	0.242581	0.76485	28.4951	2.65114	0.559002	1
cg01981445	TSTA3 ADAM15;EFNA4;ADAM15;ADAM15;EF NA4;ADAM15;ADAM15;EFNA4;ADAM	0.0922556	0.112344	1.30771	1.30771	0.46858	1.12125	1.12125	0.0613752	0.721008	-1.38695	0.884264	1.02286	1.02286	0.466905	0.891462	-1.12175		0.0712348	1.36713	1.36713	0.0168521	1.5723	1.5723	0.741697	1.05267	1.05267	0.341646	1.16423	1.16423	2.65105	1.01126	0.339071	1
cg13069100	5	0.0922563	0.130753	0.394293	-2.53618	0.72074	1.22718	1.22718	0.438971	1.56862	1.56862	0.959908	0.917338	-1.09028	0.272333	0.521191	-1.91868		0.267322	0.517341	-1.93296	0.031863	0.238242	-4.19742	0.0192014	0.03187	0.53187	0.6037	0.741807	-1.34806	2.65104	13.6568	4.5791	1
cg01604994	AGAP1;AGAP1	0.0922565	0.4663644	0.662358	-1.50975	0.0920479	0.0918818	-10.6518	0.106287	0.335407	-2.66377	0.677073	1.26193	1.26193	0.395209	0.61651	-1.62203		0.0240227	0.125125	-7.99201	0.0470901	0.0908268	-11.0066	0.0447853	0.0510364	-19.593	0.807123	1.14553	1.14553	2.65104	12.9549	4.34725	1
cg25533211	TSPO2;TSPO2	0.0924574	0.0142657	-2.55555	-3.91304	0.897114	0.943274	-1.06014	0.819005	0.4134048	-2.41892	0.517061	0.7434	0.7434	-1.34517	0.0308399	-3.23816		0.18729	0.532116	-1.87929	0.0113766	0.1681	-5.94517	0.0133629	0.0493758	-12.0753	0.0143946	1.402296	-2.10311	2.65103	8.55558	2.86808	1
cg02282849	SYVN1;SYVN1	0.0922581	0.914838	1.13523	1.13523	0.518999	1.1046	1.1046	0.102975	1.28445	1.28445	0.19952	0.813622	-1.22907	0.535613	0.908955	-1.10016		0.294042	0.847371	-1.18012	0.0028084	0.59826	-1.67152	0.947043	0.989943	-1.01016	0.208144	1.22377	1.22377	2.65102	0.972223	0.325987	1
cg15997374	ATG2A	0.0922582	0.6183331	0.8	0.8	0.0479384	1.14176	1.14183	0.109968	1.54137	1.54137	0.915555	0.979942	-1.02676	0.923879	0.995	-1.00502		0.0158154	0.491683	-2.03359	0.0105101	0.0789693	-12.6605	0.0077511	0.0388966	-25.7111	0.0152102	0.685277	-1.45854	2.65102	2.85852	0.868269	1
cg10992419	C3orf59	0.0922585	0.4565155	0.766029	-1.30543	0.7394937	2.015535	2.015535	0.128469	0.5615566	-1.78077	0.908698	1.04111	1.04111	0.0283556	0.402976	-2.48154		0.641275	0.848074	-1.17914	0.0264425	0.396838	-2.51992	0.519642	1.25763	1.25763	0.391329	0.734591	-1.3613	2.65102	5.17828	1.73628	1
cg02387207	TUBA3D	0.0922624	0.0618807	0.579065	-1.72692	0.0690885	0.584662	-1.70946	0.0210956	0.4863913	-2.05596	0.826391	1.05877	1.05877	0.119525	0.661545	-1.51161		0.457274	0.821432	-1.21739	0.106595	0.59579	-1.67893	0.0199326	0.110841	1.10841	0.978897	0.993151	-1.00369	2.65101	2.58943	0.95058	1
cg27492746	SGCE;SGCE;PEG10;SGCE;PEG10	0.0922662	?	?	?	0.0781437	6.6884	6.6884	0.763494	0.749403	-1.33424	?	?	?	0.713388	0.702859	-1.42276		0.684986	0.677151	-1.47678	?	?	?	0.0178295	0.0585323	-17.0846	0.2504425	3.1736	3.1736	3.9385	27.7083	11.001	1
cg26034538	TP73;TP73;TP73;TP73	0.0922666	0.0114635	2.10809	2.10809	0.885198	1.03465	1.03465	0.466049	1.19111	1.19111	0.03369	1.79462	1.79462	0.0601909	1.64835	1.64835		0.677502	0.906106	-1.10362	0.0705862	1.61026	1.61026	0.146238	1.44443	1.44443	0.187765	1.38972	1.38972	2.65092	2.33363	0.782497	1
cg18307233	SRRM4	0.0922685	0.532017	1.34393	1.34393	0.2372294	0.795524	1.79552	0.313063	0.6520025	-1.63392	?	?	?	0.0601704	0.548518	-1.82318		0.216888	1.85008	1.85008	0.0310166	2.32676	2.32676	?	0.594184	1.68368	0.594184	2.17272	2.17272	2.65092	0.594184	0.224112	1
cg16164539	GRIA3;GRIA3	0.0922699	0.207212	1.77312	1.77312	0.0442998	2.70417	2.70417	0.360007	0.6272136	-1.48779	0.650874	1.21674	1.21674	0.0394067	0.358399	-2.79018		0.0730439	2.36534	2.36534	0.165499	1.89067	1.89067	0.785818	1.12445	1.12445	0.381403	0.679373	-1.47295	2.65088	7.78476	2.61038	1
cg28676369	CASS4;CASS4;CASS4;CASS4	0.0922701	0.7817661	1.16125	1.16125	0.468848	0.67256	-1.48686	0.887044	1.0795	1.0795	0.0021566	0.788443	-1.06742	0.705835	0.854436	-1.17037		0.0732272	1.01823	1.01823	0.0470691	1.16908	1.16908	0.0139447	1.26254	1.26254	0.0255107	1.50595	1.50595	2.65087	0.795833	0.300564	1
cg23058652	OOCK6	0.0922717	0.0815397	0.224379	-4.45675	0.173476	0.325934	-3.06811	0.219946	0.3684582	-2.71401	0.50577	0.593693	-1.68437	0.0499511	0.177179	5.644		0.127914	0.279695	-3.57533	0.0215302	0.117996	-8.47488	0.0124114	0.0899157	-11.1215	0.117618	0.268329	-3.72677	2.65083	25.1565	8.43559	1
cg20405019	ATP4B	0.0922807	0.238233	0.86282	-1.15179	0.0144445	1.41176	1.41176	0.925429	1.01077	1.01077	0.0923168	1.00153	1.00153	0.335373	0.892575	-1.12035		0.712678	1.04322	1.04322	0.027368	1.34799	1.34799	0.90221	0.904187	-1.10597	0.321043	0.889332	-1.12444	2.65075	0.5494	0.184233	1
cg20157339	RRM2B	0.0922816	0.591788	0.947417	-1.05563	0.0144128	1.01931	1.01931	0.213192	1.17218	1.17218	0.18427	0.542411	-1.84362	0.357397	0.795659	-1.25645		0.0240257	1.22535	1.22535	0.0475091	1.12608	1.12608	0.0413813	0.727807	1.4813	0.241316	0.586993	-1.7036	2.65074	2.70921	2.65594	1
cg06277137	PDE6D	0.0922817	0.8300997	1.0216	1.0216	0.83696	0.979719	-1.0207	0.0473463	1.2531	1.2531	0.466605	0.928663	-1.07682	0.0197764	1.26665	1.26665		0.689289	1.04077	1.04077	0.0235249	0.764154	-1.30864	0.268224	1.12151	1.12151	0.440329	0.108139	1.08139	2.65073	0.415512	0.139202	1
cg04487931	C1orf58;C1orf58;C1orf58	0.0922834	0.264914	1.14787	1.14787	0.276059	0.8284	-1.20715	0.153405	1.43333	1.43333	0.274682	1.46047	1.46047	0.580039	1.20473	1.20473		0.377793	1.35217	1.35217	0.0970249	1.318838	-1.13639	0.219305	1.69894	1.69894	0.254082	1.4872	1.4872	2.65071	4.66246	1.56351	1
cg07636688	SMC1B;RIBC2	0.0922836	0.179355	2.60977	2.60977	0.0556237	1.52777	1.52777	0.119181	1.32435	1.32435	0.383061	1.86423	1.86423	0.187182	1.87782	1.87782		0.744307	1.02692	1.02692	0.9107	1.46715	1.46715	0.150586	1.92363	1.92363	0.260671	0.20352	0.6259	1
cg08384239	TANC1;TANC1	0.0922836	0.1155008	1.3469	1.3469	0.107894	2.110191	2.110191	0.757959	0.8765656	-1.1407	0.394076	0.689513	-1.4503	0.683527	0.838934	-1.19071		0.343642	0.660035	-1.51507	0.981544	1.0099	1.0099	0.00477977	4.92878	4.92878	0.890857	0.943206	-1.06021	2.65071	7.61424	2.55336	1
cg20509351	ATG5	0.0922837	0.319986	1.21939	1.21939	0.343931	0.2372294	0.678102	-1.47455	0.276251	-3.62736	0.312863	0.145203	-6.88934	0.0176571	-2.37834	0.481923		0.891616	-1.12213	0.863179	0.0755265	0.128007	-7.81251	0.0757329	0.643423	-1.55419	0.242581	0.76485	28.4951	2.65071	0.559002	1
cg18277005	RABIF	0.0922846	0.0248103	0.372945	-2.68136	0.2256573	0.625169	-1.59957	0.192094	0.600644	-1.66488	0.049864	0.480915	-2.07937	0.0692334	0.472156	2.11794		0.151643	0.567154	-1.76319	0.0277312	0.382669	-2.61322	0.299695	1.48704	1.48704	0.251194	0.642365	-1.55675	0.6507	5.72181	1.91876	1
cg09367231	TMM17A	0.0922878	0.7817661	1.16125

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12345955	BCL11A;BCL11A;BCL11A	0.0923919	0.795815	1.04895	1.04895	0.273264	1.23383	1.23383	0.599798	1.10249	1.10249	0.823252	1.04209	1.04209	0.487101	0.87799	-1.13897	0.12176	1.36224	1.36224	0.00395778	0.48957	-2.04261	0.6457	0.918225	-1.08906	0.98655	0.996898	-1.00311	2.64939	1.42511	0.478134	1
cg08285489	INSR;INSR	0.092394	0.272482	0.54719	-1.82752	0.117062	0.407079	-2.45652	0.0732541	0.348369	-2.87052	0.96861	1.02099	1.02099	0.00672596	0.156427	-6.39275	0.0639194	0.333096	-3.00214	0.0526275	0.312516	-3.19983	0.762636	0.852226	-1.1734	0.277221	0.550702	-1.81586	2.64937	11.6933	3.92321	1
cg13155902	NUP85	0.0923949	0.0274704	0.648666	-1.54162	0.257155	0.821779	-1.21687	0.109267	1.33621	1.33621	0.0580819	0.70081	-1.42692	0.125053	0.759132	-1.31729	0.105586	0.745692	-1.34104	0.621499	0.920718	-1.08611	0.524055	1.11312	1.11312	0.541778	1.10795	1.10795	2.64936	1.1559	0.387817	1
cg01693157	TUBA4B;TUBA4A	0.0923985	0.918016	1.07022	1.07022	0.184091	2.53142	2.53142	0.0579481	4.10774	4.10774	0.0246643	5.83279	5.83279	0.840256	0.875437	-1.14229	0.0889646	3.44371	3.44371	0.979776	1.01685	1.01685	0.0107739	8.26216	8.26216	0.449081	1.66273	1.66273	2.64931	18.2311	6.11682	1
cg23543352	TOPBP1	0.092399	0.938242	0.973712	-1.027	0.57582	0.823385	-1.2145	0.606636	0.836482	-1.19548	0.325438	0.705343	-1.41775	0.0014846	0.206843	-4.83458	0.367478	0.727414	-1.37473	0.949979	0.978663	-1.0218	0.804442	0.918248	-1.08903	0.29305	0.687295	-1.45498	2.64931	4.95911	1.66387	1
cg08862890	DOCK2	0.0923994	0.0319473	61.0569	61.0569	0.159041	11.731	11.731	0.127448	14.8243	14.8243	0.926002	1.16412	1.16412	0.095699	19.9596	19.9596	0.82406	1.43945	1.43945	0.752521	0.596029	-1.67777	0.0148226	134.83	134.83	0.0414014	46.8964	46.8964	2.6493	112.283	37.6731	1
cg19722639	ITPA;ITPA;ITPA;ITPA	0.0924002	0.287623	1.22066	1.22066	0.122369	1.35306	1.35306	0.0237095	1.62849	1.62849	0.228933	1.25612	1.25612	0.29381	1.21733	1.21733	0.485282	1.13663	1.13663	0.0555846	0.675851	-1.47962	0.0470638	1.50749	1.50749	0.427007	1.15774	1.15774	2.64929	1.36858	0.459185	1
cg13887716	C9orf4	0.0924002	0.102507	0.646089	-1.54777	0.127896	1.49543	1.49543	0.734255	1.08687	1.08687	0.520158	0.852674	-1.17278	0.0121692	2.14667	2.14667	0.85964	1.04422	1.04422	0.0581112	1.6881	1.6881	0.639868	0.89118	-1.12211	0.756165	0.926675	-1.07913	2.64929	2.50794	0.841461	1
cg16711866	CSF3R;CSF3R;CSF3R;CSF3R	0.0924012	0.761344	0.923917	-1.08235	0.00791416	2.42251	2.42251	0.704573	1.10402	1.10402	0.199722	0.70332	-1.42183	0.104069	0.630232	-1.58672	0.285289	0.74953	-1.33417	0.185539	0.694413	-1.44007	0.451199	0.819207	-1.22069	0.705608	0.906114	-1.10361	2.64928	2.83161	0.950064	1
cg16896031	PPP2R2A	0.0924015	0.150999	0.686975	-1.45566	0.223815	1.36587	1.36587	0.723016	0.916839	-1.0907	0.213971	1.37606	1.37606	0.006114	0.417697	-2.39408	0.128039	0.669382	-1.49392	0.56203	0.866728	-1.15376	0.992989	0.997859	-1.00215	0.685846	0.90555	-1.1043	2.64928	2.49749	0.837963	1
cg05573856	TRRAP	0.092402	0.614646	1.19726	1.19726	0.00660909	3.49204	3.49204	0.0869088	1.95522	1.95522	0.0641331	2.09134	2.09134	0.0794006	1.99486	1.99486	0.169595	1.68017	1.68017	0.275286	1.4956	1.4956	0.316019	1.44434	1.44434	0.0449684	2.26148	2.26148	2.64927	5.27738	1.77068	1
cg09002092	CARD14	0.0924025	0.135279	0.337916	-2.95932	0.0260126	0.168564	-5.93248	0.149891	0.353345	-2.8301	0.0912861	0.285562	-3.50187	0.0260744	0.168733	-5.92654	0.0674645	0.251395	-3.9778	0.036126	0.193535	-5.16701	0.108102	0.306847	-3.25895	0.100482	0.297436	-3.36207	2.64926	19.0552	6.39346	1
cg07051728	SULF1;SULF1	0.0924029	0.00978798	0.271161	-3.68784	0.0876297	0.470787	-2.1241	0.481289	0.751251	-1.33111	0.60377	0.81123	-1.2327	0.961637	1.0194	1.0194	0.179122	0.565395	-1.76867	0.0168577	0.311916	-3.20599	0.131843	0.522104	-1.91533	0.119376	0.509016	-1.96458	2.64926	6.6987	2.24757	1
cg00586365	FSTL4	0.0924032	0.195269	1.85174	1.85174	0.856882	1.08384	1.08384	0.980855	0.989357	-1.01076	0.596319	0.787642	-1.26961	0.43869	0.702383	-1.42373	0.027445	3.30218	3.30218	0.121704	0.46882	-2.13301	0.520684	0.747581	-1.33765	0.021959	0.283193	-3.53116	2.82473	8.70811	2.39774	1
cg22230584	RPL23	0.0924032	0.229657	0.731899	-1.36631	0.196053	1.4029	1.4029	0.0511866	0.57704	-1.73298	0.68912	1.1047	1.1047	0.679589	1.10832	1.10832	0.929011	1.02231	1.02231	0.619617	0.883458	-1.13192	0.310047	1.29707	1.29707	0.00917074	0.440723	-2.269	2.64925	2.57272	0.863211	1
cg05768759	PDE7B	0.0924054	0.0675223	0.412732	-2.42288	0.291504	0.623203	-1.60461	0.486543	0.736793	-1.35723	0.102389	0.461976	-2.16462	0.0205029	0.299358	-3.34048	0.065425	0.409244	-2.44353	0.567004	0.7788	-1.28403	0.0212264	0.302202	-3.30904	0.0405746	0.359989	-2.77786	2.64923	7.83181	2.62779	1
cg14606321	WDR34	0.0924058	0.488047	0.80253	-1.24606	0.281366	1.41853	1.41853	0.532995	1.21796	1.21796	0.356635	0.743744	-1.34455	0.267409	0.697132	-1.43445	0.271837	0.69964	-1.42931	0.00290353	0.278546	-3.59007	0.426153	0.775887	-1.28885	0.797285	0.922767	-1.0837	2.64922	4.09137	1.37277	1
cg00195144	DIP2C	0.0924078	0.633295	1.1735	1.1735	0.007185	0.315028	-3.17432	0.572171	0.826962	-1.20924	0.33121	0.716257	-1.39615	0.0192728	0.389745	-2.56578	0.420659	0.760449	-1.31501	0.456762	1.28695	1.28695	0.619552	0.84654	-1.18128	0.195647	0.634105	-1.57703	2.6492	4.6488	1.55982	1
cg15264710	SYNGAP1	0.0924082	0.802282	1.04119	1.04119	0.107168	1.32698	1.32698	0.0327043	1.49483	1.49483	0.842671	1.03249	1.03249	0.457957	1.12929	1.12929	0.439838	1.13512	1.13512	0.0410967	0.684444	-1.46104	0.0797338	1.36729	1.36729	0.090058	1.3506	1.3506	2.64919	1.08585	0.364336	1
cg04939630	KCNK4	0.0924084	0.300154	0.568236	-1.75983	0.916352	0.946195	-1.05686	0.877719	0.922144	-1.08443	0.931782	1.0461	1.0461	0.221762	0.508617	-1.96612	0.800223	0.875038	-1.14281	0.24982	0.530936	-1.88347	0.0037435	7.8505	7.8505	0.484506	1.4535	1.4535	2.64919	11.6274	3.90138	1
cg14847095	HIST3H3	0.0924097	0.193456	0.297342	-3.36313	0.175133	0.280557	-3.56434	0.0510405	0.141037	-7.09033	0.0897095	0.19227	-5.20102	0.0275686	0.1006	-9.94039	0.14251	0.249213	-4.01264	0.0199332	0.0840547	-11.897	0.0363159	0.117056	-8.54295	0.14294	0.24964	-4.00577	2.64918	32.5956	10.9369	1
cg20012885	AFG3L2	0.0924128	0.251195	1.13857	1.13857	0.028311	1.32346	1.32346	0.0239064	1.33873	1.33873	0.10431	1.21193	1.21193	0.731899	0.963458	-1.03793	0.641182	0.950462	-1.05212	0.634202	0.949435	-1.05326	0.213088	1.15251	1.15251	0.0403203	1.29228	1.29228	2.64914	0.491627	0.16496	1
cg01835635	APOA4	0.0924143	0.197791	0.544085	-1.83795	0.0715586	0.406707	-2.45877	0.0433023	0.353714	-2.82714	0.320617	0.632017	-1.58224	0.00532592	0.193662	-5.16364	0.292414	0.61361	-1.6297	0.0609656	0.388967	-2.57091	0.444794	0.705892	-1.41665	0.718767	0.850707	-1.17549	2.64912	8.38765	2.8144	1
cg18335247	SIK1	0.0924151	0.573871	1.09196	1.09196	0.206049	1.2294	1.2294	0.0526816	1.4064	1.4064	0.374942	0.868491	-1.15142	0.296669	0.84575	-1.18238	0.433246	1.13181	1.13181	0.0404771	0.693244	-1.44249	0.0492492	1.41554	1.41554	0.431334	1.13241	1.13241	2.64911	1.0058	0.337487	1
cg14684960	AHRR	0.0924153	0.125811	0.754622	-1.32517	0.182426	0.786234	-1.27189	0.356347	0.851089	-1.17497	0.470575	1.13287	1.13287	0.0761585	0.71507	-1.39846	0.0767667	0.715674	-1.39728	0.0109446	0.581151	-1.72072	0.564713	0.905795	-1.104	0.0404908	0.668889	-1.49502	2.64911	1.21196	0.406663	1
cg16714752	RFC1	0.0924176	0.0168105	3.88559	3.88559	0.36465	1.54243	1.54243	0.423476	0.683645	-1.46275	0.567796	0.764421	-1.30818	0.249544	0.571294	-1.75041	0.614047	0.789332	-1.26689	0.030021	0.305015	-3.27853	0.194276	0.527897	-1.89431	0.480455	0.716294	-1.39608	2.64908	9.08024	3.04684	1
cg21953058	INO80	0.0924177	0.340344	0.660507	-1.51399	0.159443	0.530148	-1.88627	0.0671116	0.420567	-2.37774	0.60556	0.802616	-1.24593	0.0167817	0.291745	-3.42765	0.0667787	0.420018	-2.38085	0.0631554	0.413908	-2.416	0.180484	1.82257	1.82257	0.398399	0.694243	-1.44042	2.64908	7.4743	2.50798	1
cg23323712	MACROD1	0.09242	0.0631615	3.07848	3.07848	0.427499	1.54633	1.54633	0.264043	1.87084	1.87084	0.144028	2.32677	2.32677	0.0265229	4.11627	4.11627	0.42995	1.54262	1.54262	0.0724353	2.94034	2.94034	0.0121398	5.37644	5.37644	0.0509591	3.30755	3.30755	2.64905	12.1455	4.07541	1
cg26149223	MIR548N;PLEKHA3	0.0924211	0.0626858	0.51497	-1.94186	0.159555	1.60999	1.60999	0.0890901	1.81139	1.81139	0.882437	1.048	1.048	0.375196	0.749484	-1.33425	0.0743191	0.532569	-1.87769	0.143791	0.607968	-1.64482	0.0663165	0.520719	-1.92042	0.845668	0.940123	-1.06369	2.64904	4.21174	1.41326	1
cg18319689	AKR1A1;AKR1A1	0.0924227	0.432252	0.873532	-1.14478	0.0252341	1.56662	1.56662	0.498593	1.12288	1.12288	0.330656	0.844222	-1.18452	0.368583	1.16859	1.16859	0.396967	0.863876	-1.15757	0.0145282	0.601756	-1.6618	0.563055	0.906072	-1.10367	0.585314	0.911238	-1.09741	2.64902	1.19403	0.40066	1
cg06372303	ADCYAP1;ADCYAP1	0.0924238	0.296507	0.760332	-1.31522	0.013668	2.16414	2.16414	0.656692	1.1199	1.1199	0.556805	0.860333	-1.16234	0.288042	1.32209	1.32209	0.555944	1.16273	1.16273	0.393338	0.801446	-1.24774	0.0292596	1.91584	1.91584	0.120143	1.53231	1.53231	2.649	2.68838	0.902101	1
cg27442478	TFB1M	0.0924259	0.623358	1.05142	1.05142	0.361086	1.10008	1.10008	0.356191	1.10123	1.10123	0.130693	0.846116	-1.18187	0.114185	1.19259	1.19259	0.126346	0.844199	-1.18455	0.513448	0.935018	-1.0695	0.100655	0.831502	-1.20264	0.0228735	0.753185	-1.3277	2.82441	0.448206	0.123426	1
cg17114200	KIAA0415	0.0924275	0.0189653	0.519132	-1.92629	0.169747	1.40144	1.40144	0.103563	1.50805	1.50805	0.846604	0.95629	-1.04571	0.149675	0.700156	-1.42825	0.551705	0.870264	-1.14908	0.0816551	0.640629	-1.56097	0.982721	0.995015	-1.00501	0.205443	0.734719	-1.36106	2.64896	2.23415	0.749694	1
cg13337949	IER3;FLOT1	0.0924314	0.246245	1.61727	1.61727	0.153065	1.8342	1.8342	0.92993	0.965734	-1.03548	0.706875	1.16157	1.16157	0.129346	1.91493	1.91493	0.0701901	2.23107	2.23107	0.00434639	4.53016	4.53016	0.074704	2.19694	2.19694	0.714082	1.15706	1.15706	2.64891	6.59378	2.21266	1
cg11210878	CHRM1	0.0924317	0.588038	1.24567	1.24567	0.021786	0.330902	-3.02204	0.175197	0.560405	-1.78442	0.0664043	2.28624	2.28624	0.801864	1.10627	1.10627	0.457268	0.737815	-1.35535	0.289858	0.643233	-1.55465	0.23678	0.607815	-1.64524	0.112454	2.00188	2.00188	2.64891	6.76837	2.27125	1
cg23994692	EML4;EML4	0.0924318	0.403129	0.82717	-1.20894	0.348991	1.23841	1.23841	0.927788	1.02031	1.02031	0.521545	1.15498	1.15498	0.06502	0.63161	-1.58326	0.00768129	0.467781	-2.13775	0.545341	0.87307	-1.14538	0.364861	1.22936	1.22936	0.122793	0.690172	-1.44892	2.64891	2.06344	0.692424	1
cg04974130	KCNIP4	0.0924336	0.0562596	0.598071	-1.67204	0.298126	1.29234	1.29234	0.122181	1.48935	1.48935	0.402817	0.815803	-1.22579	0.0460005	0.580554	-1.72249	0.884742	1.03509	1.03509	0.0784152	0.628216	-1.59181	0.382326	0.808123	-1.23744	0.0795444	0.629553	-1.58843	2.64889	2.37206	0.795993	1
cg17744835	FSIP1	0.0924338	0.234664	1.67574	1.67574	0.904711	1.05088	1.05088	0.508444	0.757286	-1.32051	0.153206	1.8849	1.8849	0.337003	0.663495	-1.50717	0.261558	1.62452	1.62452	0.189367	1.77922	1.77922	0.00877739	3.98772	3.98772	0.0444149	2.60324	2.60324	2.64888	7.20541	2.41793	1
cg15610777	CALHM3	0.0924341	0.711925	1.05802	1.05802	0.0983603	0.759085	-1.31738	0.065489	0.730261	-1.36937	0.335485	1.16302	1.16302	0.0674092	0.732262	-1.36563	0.0310959	0.680613	-1.46926	0.0775718	0.742081	-1.34756	0.476573	0.895783	-1.11634	0.0646595	0.729381	-1.37103	2.64888	0.969974	0.325496	1
cg20339864	MAD1L1;MAD1L1;MAD1L1	0.092435	0.0142379	0.552017	-1.81154	0.861546	0.966277	-1.0349	0.367496	0.833673	-1.19951	0.399825	0.844196	-1.18456	0.0532178	0.649464	-1.53973	0.554286	0.889098	-1.12474	0.0363399	1.61313	1.61313	0.874277	0.969362	-1.03161	0.602005	0.901765	-1.10894	2.64887	1.62008	0.543655	1
cg03350017	RRN3P2	0.0924358	0.808585	1.03643	1.03643	0.427464	1.12689	1.12689	0.0108357	0.62388	-1.60287	0.190374	1.22687	1.22687	0.268215	0.843633	-1.18535	0.766596	1.04487	1.04487	0.419325	1.12937	1.12937	0.301699	0.85405	-1.17089	0.0505983	0.720035	-1.38882	2.64886	0.912008	0.306046	1
cg16002818	BOLL	0.0924359	0.0420431	10.6318	10.6318	0.0628984	8.25952	8.25952	0.129465	5.22243	5.22243	0.309917	2.887	2.887	0.178357	4.23282	4.23282	0.285939	3.05939	3.05939	0.00937628	27.7724	27.7724	0.0458916	10.064	10.064	0.0967201	6.2955	6.2955	2.64886	42.713	14.3334	1
cg21042673	ACOX3;ACOX3	0.0924371	0.47124	1.11924	1.11924	0.128347	0.776742	-1.28743	0.187842	0.806931	-1.23926	0.540895	1.09982	1.09982	0.0525992	0.712695	-1.40312	0.0945918	1.32633	1.32633	0.51404	1.10707	1.10707	0.286863	1.18529	1.18529	0.0490384	0.707944	-1.41254	2.64884	0.991104	0.332591	1
cg18646671	YIPF7	0.0924382	0.216483	0.702441	-1.42361	0.0039287	0.348587	-2.86873	0.330243	1.3137	1.3137	0.108576	0.62168	-1.60854	0.453905	0.812875	-1.2302	0.627752	0.875731	-1.1419	0.163883	0.668021	-1.49696	0.689924	1.11506	1.11506	0.381832	0.783821	-1.2758	2.64883	3.09392	1.03825	1
cg24682449	PRDM16;PRDM16	0.0924387	0.461573	1.28288	1.28288	0.366941	1.36076	1.36076	0.802457	1.08688	1.08688	0.370896	1.35713	1.35713	0.0251382	0.412628	-2.42349	0.386969	1.34277	1.34277	0.019932	2.54406	2.54406	0.178818	1.60752	1.60752	0.128622	1.72607	1.72607	2.64882	4.63402	1.55508	1
cg10199164	PDIK1L;PDIK1L;PDIK1L	0.0924402	0.948022	1.04209	1.04209	0.93563	1.05241	1.05241	0.236704	0.456573	-2.19023	0.526521	0.666436	-1.50052	?	?	?	0.173329	2.49975	2.49975	0.450719	1.62576	1.62576	0.656629	0.753555	-1.32704	0.00472651	0.0931661	-10.7335	2.67921	15.0834	5.62981	1
cg03667591	MTERFD2;MTERFD2;MTERFD2;MTERF D2	0.092443	0.679531	1.10391	1.10391	0.052413	0.591578	-1.6904	0.0367305	1.78163	1.78163	0.0708267	1.61672	1.61672	0.542654	0.863584	-1.15796	0.755605	0.928386	-1.07714	0.97592	1.00721	1.00721	0.167381	0.704503	-1.41944	0.127403	1.48041	1.48041	2.64877	2.37609	0.797382	1
cg08022315	TBC1D8	0.0924457	0.367495	1.29223	1.29223	0.494938	0.825368	-1.21158	0.418974	1.25697	1.25697	0.321902	1.32764	1.32764	0.0963084	1.65818	1.65818	0.137419	0.64206	-1.55749	0.0908459	1.67513	1.67513	0.0332302	1.99236	1.99236	0.0334414	1.99018	1.99018	2.64874	3.21752	1.07977	1
cg16307502	BBS10	0.0924513	0.644558	1.17929	1.17929	0.0162651	2.83821	2.83821	0.0492929	2.21796	2.21796	0.0628821	0.475739	-2.10199	0.289813	1.47702	1.47702	0.390666	1.36649	1.36649	0.354049	0.712846	-1.40283	0.844681	0.932739	-1.07211	0.573555	1.22371	1.22371	2.64867	5.28662	1.77418	1
cg20657030	QPCT	0.0924519	0.628425	0.798651	-1.25211	0.0104033	4.42596	4.42596	0.987469	1.00727	1.00727	0.499126	0.728828	-1.37207	0.066364	0.387002	-2.58397	0.850828	0.916862	-1.09068	0.123966	2.1556	2.1556	0.277963	0.594437	-1.68226	0.404911	0.675103	-1.48126	2.64866	8.91657	2.99239	1
cg12384639	VPS53;VPS53	0.092454	0.504478	1.13493	1.13493	0.0407882	1.55472	1.55472	0.932416	1.01598	1.01598	0.640195	0.915787	-1.09196	0.947708	1.01233	1.01233	0.419855	1.16651	1.16651	0.0290222	0.618226	-1.61753	0.320507	1.21144	1.21144	0.0283621	1.62188	1.62188	2.64864	1.46483	0.491599	1
cg14920911	PCBP3;PCBP3	0.0924555	0.821427	1.05624	1.05624	0.0153253	0.486536	-2.05535	0.0466332	0.576108	-1.73579	0.758804	0.928165	-1.07739	0.383533	0.80551	-1.24145	0.272033	1.31882	1.31882	0.108052	1.52866	1.52866	0.189736	0.714484	-1.39961	0.496792	0.846202	-1.18175	2.64862	2.45755	0.824764	1
cg01296532	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1;VE PH1	0.0924563	0.426685	1.77854	1.77854	0.0076207	11.4055	11.4055	0.507911	1.61048	1.61048	0.733152	1.27479	1.27479	0.0397983	5.39884	5.39884	0.10089	3.57756	3.57756	0.113026	3.39957	3.39957	0.0658578	4.324	4.324	0.0777189	4.01851	4.01851	2.64861	21.1125	7.08549	1
cg15989892	APBB2;APBB2;APBB2	0.0924565	0.78843	1.14955	1.14955	0.21153	0.505603	-1.97784	0.793278	1.14578	1.14578	0.318978	1.70518	1.70518	0.72959	0.835432	-1.19698	0.242078	1.88593	1.88593	0.0515841	3.15217	3.15217	0.00536394	6.68578	6.68578	0.440745	1.50287	1.50287	2.64861	11.2627	3.77983	1
cg24135675	CHERP	0.0924566	0.32363	0.849383	-1.17733	0.472583	0.889592	-1.12411	0.621349	0.923366	-1.08299	0.86799	0.973713	-1.027	0.745155	1.05361	1.05361	0.310803	1.18285	1.18285	0.00388791	1.86375	1.86375	0.275782	0.833976	-1.19907	0.401051	0.871411	-1.14756	2.64861	1.07568	0.361006	1
cg03300170	TRIP12	0.0924609	0.50969	0.781309	-1.2799	0.915752	1.03982	1.03982	0.0951885	0.508384	-1.96702	0.601527	1.2146	1.2146	0.767984	0.896586	-1.11534	0.437671	1.33928	1.33928	0.00898185	0.293472	-3.40748	0.705577	1.15033	1.15033	0.027258	0.38134	-2.62233	2.64855	5.71129	1.91678	1
cg08595656	FAM184B	0.0924612	0.00551288	0.388991	-2.57075	0.118665	0.645076	-1.55021	0.130881	0.65562	-1.52527	0.493282	0.835211	-1.1973	0.0956996	0.62273	-1.60583	0.980392	0.993659	-1.00638	0.0429402	0.547208	-1.82746	0.516129	0.843329	-1.18578	0.122688	0.648637	-1.5417	2.64855	2.80979	0.943004	1
cg24640156	LOC401010	0.0924635	0.210096	1.57642	1.57642	0.0272777	2.46011	2.46011	0.0516017	2.14572	2.14572	0.329386	1.41465	1.41465	0.0449322	2.21022	2.21022	0.740429	1.12139	1.12139	0.0156601	2.7759	2.7759	0.0605144	2.07377	2.07377	0.364976	1.37821	1.37821	2.64852	4.98141	1.67184	1
cg17611045	FGF12	0.0924646	0.0580365	0.168546	-5.93311	0.0571064	0.167145	-5.98282	0.823624	0.830671	-1.20385	0.302123	2.43128	2.43128	0.101609	0.225487	-4.43484	0.0923353	0.214465	-4.66278	0.0550128	0.163953	-6.09931	0.265501	2.62304	2.62304	0.627644	1.50112	1.50112	2.64851	28.9712	9.72326	1
cg14262937	OPRM1;OPRM1;OPRM1;OPRM1;OPRM 1;OPRM1;OPRM1;OPRM1;OPRM1;OPR M1;OPRM1;OPRM1	0.0924655	0.337002	0.705147	-1.41814	0.633429	1.18479	1.18479	0.0109833	3.08391	3.08391	0.412858	0.744184	-1.34375	0.138651	0.569729	-1.75522	0.874647	1.0573	1.0573	0.200113	0.620229	-1.61231	0.0829128	1.96924	1.96924	0.814703	1.08638	1.08638	2.6485	5.22454	1.75346	1
cg07109115	MKX	0.0924655	0.0184002	7.05605	7.05605	0.0379603	5.17466	5.17466	0.0779931	3.81089	3.81089	0.0878953	3.62092	3.62092	0.166136	2.74219	2.74219	0.128955	3.06742	3.06742	0.22314	2.39757	2.39757	0.107185	3.32442	3.32442	0.0256425	6.11655	6.11655	2.6485	19.5759	6.57005	1
cg04383369	VPS4A	0.0924702	0.162755	4.42638	4.42638	0.333094	0.371048	-2.69507	0.983668	1.02044	1.02044	0.497288	1.97908	1.97908	0.0672629	7.87111	7.87111	0.688928	1.48885	1.48885	0.0501453	0.105067	-9.51771	0.0255125	0.0674704	-14.8213	0.6806	1.50594	1.50594	2.8238	42.7617	11.7781	1
cg23094318	FOXN3;FOXN3	0.0924739	0.0389757	0.158652	-6.30311	0.0427111	0.165757	-6.03293	0.0627584	0.199274	-5.01823	0.992214	0.992511	-1.00755	0.0401445	0.160912	-6.21456	0.429592	0.537313	-1.86111	0.145612	0.300079	-3.33245	0.211312	2.75803	2.75803	0.24812	0.394497	-2.53488	2.6484	24.8939	8.3552	1
cg00313872	TRANK1	0.0924746	0.0596833	0.705818	-1.4168	0.406169	1.14949	1.14949	0.159228	1.27972	1.27972	0.21951	1.23575	1.23575	0.601351	1.09027	1.09027	0.0814972	1.3724	1.3724	0.0123444	1.66655	1.66655	0.824955	0.964335	-1.03698	0.70877	1.06344	1.06344	2.64839	1.12738	0.378385	1
cg01993952	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1; MTUS1	0.0924775	0.199535	0.553155	-1.80781	0.159944	1.92693	1.92693	0.209638	1.78182	1.78182	0.809609	1.11121	1.11121	0.522881	1.32695	1.32695	0.998879	0.999387	-1.00061	0.0130325	0.260354	-3.84092	0.9997	1.00016	1.00016	0.061147	2.51377	2.51377	2.64835	8.00476	2.68671	1
cg19773385	KIF1B	0.0924776	0.137363	1.8968	1.8968	0.121865	0.511263	-1.95594	0.0318508	0.365547	-2.73563	0.238343	1.63904	1.63904	0.978743	0.989397	-1.01072	0.299964	1.53685	1.53685	0.275438	1.57448	1.57448	0.0521397	2.42003	2.42003	0.829358	0.917272	-1.09019	2.64835	6.71351	2.25331	1
cg14126863	LSM11	0.0924777	0.890109	1.07226	1.07226	?	?	?	0.469773	1.45072	1.45072	0.0312139	3.70042	3.70042	0.0443137	0.303791	-3.29174	0.0762288	0.363425	-2.7516	0.79526	1.14027	1.14027	0.281926	1.76402	1.76402	0.421113	0.659633	-1.51599	2.85288	10.0114	3.07057	1
cg21486659	TMEM14B;TMEM14B	0.0924789	0.0868304	1.35682	1.35682	0.144431	1.28783	1.28783	0.222282	1.22993	1.22993	0.0940747	1.34584	1.34584	0.0111785	1.67036	1.67036	0.0617257	1.40426	1.40426	0.4201	0.875544	-1.14215	0.609627	0.920266	-1.08664	0.342406	1.17097	1.17097	2.64833	1.09197	0.36651	1
cg04742384	CBLN4	0.0924825	0.0369096	0.13515	-7.39918	0.625383	1.50128	1.50128	0.50162	0.569402	-1.75623	0.114051	0.241819	-4.13532	0.108513	0.235592	-4.24462	0.244632	0.366016	-2.73212	0.0121336	0.0756375	-13.221	0.0485765	0.155601	-6.42668	0.139201	0.268673	-3.722	2.64829	28.6008	9.59975	1
cg27080725	TSC22D4	0.0924827	0.0768581	0.462611	-2.16164	0.00485761	0.231519	-4.3193	0.350405	0.686209	-1.45728	0.0595071	0.434605	-2.30094	0.101305	0.495129	-2.01968	0.252658	0.626172	-1.59701	0.0701872	0.452455	-2.21016	0.310051	0.662625	-1.50915	0.469769	0.749669	-1.33392	2.64829	6.43829	2.16099	1
cg01680844	CCDC78;HAGHL;HAGHL	0.0924841	0.657601	1.15491	1.15491	0.0823391	1.86144	1.86144	0.0333959	2.23139	2.23139	0.0239598	2.38611	2.38611	0.937834	0.97513	-1.0255	0.16898	1.60507	1.60507	0.0396644	2.15559	2.15559	0.516693	1.23649	1.23649	0.0333179	2.23243	2.23243	2.64827	4.37228	1.46755	1
cg05612506	CLEC9A	0.0924844	0.874727	1.0891	1.0891	0.508751	0.695846	-1.4371	0.0415066	0.280375	-3.56665	0.243457	0.516737	-1.93522	0.0434447	0.284708	-3.51237	0.100125	2.65004	2.65004	0.0760766	2.90903	2.90903	0.568506	1.36587	1.36587	0.926518	1.05117	1.05117	2.64827	12.2741	4.11979	1
cg17641566	CDH23	0.0924868	0.0298348	2.35141	2.35141	0.0369977	2.24828	2.24828	0.267123	1.47211	1.47211	0.670454	1.15393	1.15393	0.109469	1.79267	1.79267	0.098207	1.83431	1.83431	0.675605	0.86869	-1.15116	0.0146021	2.73444	2.73444	0.750108	1.1128	1.1128	2.64824	4.69241	1.57502	1
cg04799838	HTR1A	0.0924884	0.24339	1.7497	1.7497	0.461215	0.709067	-1.4103	0.300724	1.63472	1.63472	0.389933	1.49747	1.49747	0.197631	0.53572	-1.86665	0.174678	0.515987	-1.93803	0.00769032	4.80538	4.80538	0.249238	1.73662	1.73662	0.554833	1.31491	1.31491	2.64822	8.81013	2.95716	1
cg00578690	TMEM218	0.0924897	0.038322	0.668738	-1.49535	0.666966	1.07527	1.07527	0.0112748	1.70246	1.70246	0.554366	0.90461	-1.10545	0.176377	1.27244	1.27244	0.846253	0.967982	-1.03308	0.171892	1.27607	1.27607	0.737379	1.05804	1.05804	0.493517	1.12363	1.12363	2.6482	1.17857	0.395596	1
cg22678674	KIF16B	0.0924901	0.0547657	1.4882	1.4882	0.0107803	0.557346	-1.79422	0.381147	0.848801	-1.17813	0.197257	1.28243	1.28243	0.25976	0.806912	-1.23929	0.912004	0.980028	-1.02038	0.744804	0.942137	-1.06142	0.328658	1.20201	1.20201	0.780659	0.950332	-1.05226	2.6482	1.39684	0.468859	1
cg22047262	NCKAP5L	0.0924904	0.0607621	0.449849	-2.22297	0.693978	1.16118	1.16118	0.774096	1.11488	1.11488	0.29548	1.50677	1.50677	0.0156944	0.326592	-3.06193	0.265046	0.644719	-1.55106	0.192545	0.593815	-1.68403	0.437694	1.34873	1.34873	0.0605965	0.44956	-2.2244	2.6482	5.98926	2.01035	1
cg13830730	MLL4	0.0924913	0.62969	1.07875	1.07875	0.165823	1.25934	1.25934	0.0316306	1.48165	1.48165	0.236824	0.824163	-1.21335	0.0178505	1.56716	1.56716	0.643412	1.07545	1.07545	0.675067	0.936334	-1.06799	0.176852	1.25106	1.25106	0.258293	0.8319	-1.20207	2.64818	1.02107	0.342732	1
cg03807235	PEX7	0.0924915	0.208919	0.814251	-1.22812	0.00498392	0.5618	-1.77999	0.928335	0.986141	-1.01405	0.299111	1.1817	1.1817	0.373395	0.867832	-1.1523	0.178463	1.24829	1.24829	0.796871	1.04083	1.04083	0.671642	0.935994	-1.06838	0.217981	0.81788	-1.22267	2.64818	1.0094	0.338814	1
cg05861515	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;N RG1;NRG1;NRG1;NRG1;NRG1;NRG1;NR G1;NRG1;NRG1;NRG1;NRG1	0.0924924	0.478979	1.49337	1.49337	0.0103467	0.16534	-6.04815	0.0368251	0.25891	-3.86234	0.227497	0.493652	-2.02572	0.174263	0.446945	-2.23741	0.729887	1.21304	1.21304	0.265477	0.523824	-1.90904	0.31651	1.78072	1.78072	0.877397	1.08983	1.08983	2.64817	13.0221	4.371	1
cg03916673	TRMT11	0.0924933	0.612959	1.06965	1.06965	0.111719	1.2569	1.2569	0.0399596	1.36807	1.36807	0.427362	1.1129	1.1129	0.00988537	1.53768	1.53768	0.337545	1.1394	1.1394	0.661204	0.943451	-1.05994	0.46601	0.906718	-1.10288	0.0598411	1.32352	1.32352	2.64816	0.730752	0.245286	1
cg08039587	HLA-A	0.0924959	0.0512458	0.253405	-3.94625	0.119407	0.351673	-2.84355	0.399547	0.586645	-1.70461	0.838835	0.881668	-1.13421	0.0395345	0.22937	-4.35976	0.751855	0.821871	-1.21674	0.006443	0.111794	-8.94504	0.244859	0.471275	-2.1219	0.118841	0.351015	-2.84888	2.64813	16.04	5.3841	1
cg25698089	MTFMT	0.0924969	0.13437	0.841031	-1.18902	0.135563	1.18829	1.18829	0.434622	1.08926	1.08926	0.0169548	0.731756	-1.36658	0.717347	0.961762	-1.03976	0.240185	1.14098	1.14098	0.100632	0.824591	-1.21272	0.461183	0.922695	-1.08378	0.366914	1.10451	1.10451	2.64812	0.482384	0.161921	1
cg07492051	TNS1	0.0924998	0.0139971	0.166828	-5.9942	0.246242	0.488893	-2.04544	0.184761	0.436006	-2.29354	0.693601	0.791622	-1.26323	0.0178905	0.18298	-5.46508	0.544429	0.696257	-1.43625	0.0650218	0.294448	-3.39618	0.986511	1.01003	1.01003	0.0495511	0.266523	-3.75203	2.64808	14.6059	4.90281	1
cg24504936	CASZ1;CASZ1	0.0924999	0.767615	0.942404	-1.06112	0.0252095	0.586937	-1.70376	0.720109	0.930503	-1.07469	0.897976	1.02601	1.02601	0.076702	1.48311	1.48311	0.14736	0.732533	-1.36513	0.0476525	1.57368	1.57368	0.581336	0.894494	-1.11795	0.260487	0.790606	-1.26485	2.64808	1.68079	0.564197	1
cg14937069	H19;MIR675	0.0925003	0.558159	0.862981	-1.15877	0.012841	0.463518	-2.15741	0.916805	1.02634	1.02634	0.844849	1.04996	1.04996	0.273986	0.753324	-1.32745	0.967794	0.990004	-1.0101	0.0289464	1.89798	1.89798	0.621098	1.132	1.132	0.137794	0.671883	-1.48836	2.64808	2.59695	0.871728	1
cg02826685	FGFRL1;FGFRL1;FGFRL1	0.092502	0.658024	0.918108	-1.0892	0.960059	1.00965	1.00965	0.956045	0.989484	-1.01063	0.909836	0.978507	-1.02197	0.0175586	0.574501	-1.74064	0.824484	1.04352	1.04352	0.0116667	1.83038	1.83038	0.378816	0.840992	-1.18907	0.332123	0.825389	-1.21155	2.64805	1.54274	0.51786	1
cg26524899	AKAP5	0.0925033	0.0223104	0.386629	-2.58646	0.337451	0.709516	-1.40941	0.0788975	1.96817	1.96817	0.239975	0.652487	-1.5326	0.0677302	0.491571	-2.03429	0.756982	0.897883	-1.11373	0.0939686	0.527789	-1.8947	0.103123	0.538637	-1.85654	0.313347	0.69637	-1.43602	2.64804	5.05051	1.69534	1
cg06675187	COL23A1	0.0925046	0.788684	0.95802	-1.04382	0.564009	0.911093	-1.09758	0.00862614	0.585862	-1.70689	0.912843	0.982672	-1.01763	0.125352	0.767338	-1.30321	0.439239	1.13422	1.13422	0.04559	1.44192	1.44192	0.720751	1.05898	1.05898	0.609128	0.920967	-1.08582	2.64802	1.0689	0.358807	1
cg18001427	RWDD2B	0.0925047	0.293751	0.548083	-1.82454	0.232687	0.50107	-1.99573	0.238005	0.505369	-1.97875	0.803062	0.871125	-1.14794	0.00477409	7.91274	7.91274	0.338871	0.580237	-1.72344	0.76762	0.849072	-1.17776	0.394361	0.617738	-1.61881	0.526525	0.701648	-1.42522	2.64802	12.7858	4.29193	1
cg00134210	FAM107B	0.0925062	0.0248786	0.233633	-4.28022	0.443252	0.653305	-1.53068	0.095195	0.368457	-2.71402	0.115267	0.393565	-2.54088	0.0998558	0.374553	-2.66985	0.188057	0.467836	-2.1375	0.0162602	0.20182	-4.9549	0.681667	1.25183	1.25183	0.0659154	0.325091	-3.07606	2.648	12.4378	4.17515	1
cg23531592	GOLPH3	0.0925065	0.17302	0.636305	-1.57157	0.566185	0.8346	-1.19818	0.0374018	0.470914	-2.12353	0.38422	0.757166	-1.32071	0.00350731	0.290949	-3.43702	0.277714	0.703318	-1.42183	0.534086	0.821735	-1.21694	0.508322	0.811219	-1.23271	0.0864926	0.554106	-1.80471	2.648	4.07677	1.3685	1
cg20041873	SGCE;PEG10;SGCE;PEG10;SGCE	0.0925067	0.0667464	1.30978	1.30978	0.0715032	1.30242	1.30242	0.688168	0.948412	-1.05439	0.848239	1.02547	1.02547	0.148085	1.22593	1.22593	0.0643275	1.31373	1.31373	0.012261	1.50618	1.50618	0.42377	0.898297	-1.11322	0.892179	1.01796	1.01796	2.648	0.722825	0.24264	1
cg13244707	UQCRC2	0.0925124	0.00901552	0.618403	-1.61707	0.0951015	1.30407	1.30407	0.0840937	1.31874	1.31874	0.219181	0.829395	-1.2057	0.653892	0.936756	-1.06751	0.652268	0.936445	-1.06787	0.617921	0.92979	-1.07551	0.933951	0.988073	-1.01207	0.854895	1.02685	1.02685	2.64793	0.878837	0.295019	1
cg03596167	ERN2	0.0925149	0.0227699	2.63245	2.63245	0.928809	1.03224	1.03224	0.447867	1.31613	1.31613	0.14074	1.75537	1.75537	0.163797	1.695	1.695	0.55711	1.23476	1.23476	0.538187	1.24774	1.24774	0.0107873	3.1186	3.1186	0.027445	2.52518	2.52518	2.6479	5.28878	1.77542	1
cg23588952	MYOM2	0.0925184	0.154271	0.660078	-1.51497	0.808641	1.06832	1.06832	0.23362	0.711664	-1.40516	0.032332	0.505283	-1.97909	0.0104619	0.41568	-2.4057	0.77173	1.08246	1.08246	0.0397359	0.523258	-1.9111	0.949969	1.01724	1.01724	0.46755	0.817623	-1.22306	2.64786	3.11153	1.04454	1
cg17963193	ANO4;ANO4	0.0925188	0.92389	1.01368	1.01368	0.0374243	0.709388	-1.40967	0.452033	0.896793	-1.11508	0.705398	0.947435	-1.05548	0.289235	0.855215	-1.1693	0.0755508	0.754835	-1.32479	0.258228	0.845587	-1.18261	0.370861	0.877533	-1.13956	0.0188966	1.49816	1.49816	2.64785	0.847667	0.284563	1
cg11595048	COX4I2	0.0925207	0.308884	1.17935	1.17935	0.439438	0.883808	-1.13147	0.00383352	0.54306	-1.84142	0.800061	0.961027	-1.04055	0.405795	0.87527	-1.1425	0.947663	0.98977	-1.01034	0.134794	1.2873	1.2873	0.864524	0.973606	-1.02711	0.379012	0.868168	-1.15185	2.64783	1.02893	0.345416	1
cg14521724	LMF1	0.0925211	0.0111138	0.44746	-2.23484	0.101524	0.635793	-1.57284	0.0552975	0.577638	-1.73119	0.297247	0.761105	-1.31388	0.0313922	0.528498	-1.89216	0.278463	0.752259	-1.32933	0.0476506	0.564308	-1.77208	0.350689	0.784547	-1.27462	0.947931	0.983637	-1.01663	2.64782	2.67605	0.898365	1
cg19169535	HDAC8;HDAC8;HDAC8;HDAC8	0.0925212	0.476341	0.780206	-1.28171	0.214591	0.639052	-1.56482	0.194475	0.624747	-1.60065	0.0477653	0.460364	-2.1722	0.931367	0.970909	-1.02996	0.654049	0.85676	-1.16719	0.00873583	0.318237	-3.14232	0.20733	1.57731	1.57731	0.0941393	0.532193	-1.87902	2.64782	4.92573	1.6536	1
cg13821577	XRCC5	0.0925231	0.0214897	1.57601	1.57601	0.319988	1.18441	1.18441	0.021833	1.57342	1.57342	0.180031	1.26427	1.26427	0.330105	1.18001	1.18001	0.710865	1.06324	1.06324	0.845958	1.03255	1.03255	0.524731	0.89928	-1.112	0.0201161	1.58687	1.58687	2.6478	1.1375	0.381869	1
cg22724854	OR10AG1	0.0925255	0.0956822	0.264979	-3.77388	0.255689	0.42271	-2.36569	0.0480807	0.194065	-5.15291	0.0695781	0.229271	-4.36165	0.417547	1.82429	1.82429	0.0738721	0.235569	-4.24503	0.0150639	0.114412	-8.74033	0.13275	0.308169	-3.24498	0.530109	0.630311	-1.58652	2.64777	22.0829	7.41351	1
cg15840005	C1orf86	0.0925262	0.0198488	0.473715	-2.11097	0.103237	0.622812	-1.60562	0.053488	0.558389	-1.79087	0.539256	0.847771	-1.17956	0.0228985	0.485194	-2.06103	0.508191	0.836657	-1.19523	0.0993632	0.618828	-1.61596	0.808026	1.06681	1.06681	0.0662081	0.578416	-1.72886	2.64776	2.96012	0.993753	1
cg06578089	STON2	0.0925268	0.220685	0.803666	-1.2443	0.124858	0.754251	-1.32582	0.023224	0.630918	-1.58499	0.319447	0.839745	-1.19084	0.275377	0.824783	-1.21244	0.585438	0.910736	-1.09801	0.476013	0.884236	-1.13092	0.00405234	0.519379	-1.92538	0.25067	0.815656	-1.22601	2.64775	1.20845	0.405695	1
cg17515773	PLK2;PLK2	0.0925299	0.331605	0.875925	-1.14165	0.712977	0.952311	-1.05008	0.093528	0.783538	-1.27626	0.251249	1.17179	1.17179	0.249286	0.852785	-1.17263	0.0861092	1.28505	1.28505	0.303662	1.1513	1.1513	0.0405079	0.731339	-1.36736	0.144832	1.2301	1.2301	2.64772	0.733432	0.246227	1
cg13156144	SLC38A10;SLC38A10	0.0925309	0.490963	0.851937	-1.1738	0.145423	0.699023	-1.43057	0.10565	0.667068	-1.4991	0.758203	1.07329	1.07329	0.00539328	0.432138	-2.31408	0.55039	1.14842	1.14842	0.471842	0.845668	-1.1825	0.36217	1.23928	1.23928	0.142008	0.696569	-1.43561	2.6477	2.19993	0.73856	1
cg03396809	ZNF589	0.0925324	0.498687	1.17452	1.17452	0.30316	1.28377	1.28377	0.867065	0.961522	-1.04002	0.0220576	1.90228	1.90228	0.176073	1.40061	1.40061	0.594521	0.881763	-1.13409	0.0325962	0.556676	-1.79638	0.0855261	1.56075	1.56075	0.858288	1.04275	1.04275	2.64769	2.3003	0.772265	1
cg13125884	CT62	0.0925347	0.40147	0.879792	-1.13663	0.372102	1.14645	1.14645	0.0157937	1.55433	1.55433	0.376979	0.873537	-1.14477	0.720225	1.0551	1.0551	0.186286	0.811421	-1.23241	0.369642	0.871614	-1.1473	0.092055	0.758377	-1.31861	0.133329	1.27316	1.27316	2.64766	0.932683	0.313126	1
cg01502653	LRRN4	0.0925359	0.978241	0.989627	-1.01048	0.745078	0.882738	-1.13284	0.0344117	0.389359	-2.56832	0.760402	1.12405	1.12405	0.0266494	0.366314	-2.7299	0.844375	1.07803	1.07803	0.0160562	0.324141	-3.08508	0.933371	1.03248	1.03248	0.0933176	0.493757	-2.02529	2.64764	6.12892	2.05765	1
cg19360562	APOA1	0.0925365	0.618039	0.915985	-1.09172	0.0766809	0.709127	-1.41019	0.477977	0.881671	-1.13421	0.940568	1.0131	1.0131	0.494941	0.886055	-1.1286	0.807106	1.04363	1.04363	0.00261976	0.483184	-2.0696	0.178737	0.779284	-1.28323	0.230722	0.802935	-1.24543	2.64764	1.27785	0.429011	1
cg12320039	PRRT1	0.0925378	0.0383097	4.01725	4.01725	0.165176	2.35752	2.35752	0.304538	1.85145	1.85145	0.287748	1.89533	1.89533	0.713214	1.23844	1.23844	0.381286	1.68238	1.68238	0.0244515	4.72555	4.72555	0.0139331	5.81018	5.81018	0.0391349	3.98654	3.98654	2.64762	14.072	4.7244	1
cg21286701	C6orf174	0.0925395	0.0121705	0.431906	-2.31532	0.836134	0.94587	-1.05723	0.0859167	1.66517	1.66517	0.31591	0.756834	-1.32129	0.907967	0.969405	-1.03156	0.146555	0.6579	-1.51999	0.109826	1.59735	1.59735	0.628401	1.14001	1.14001	0.764256	1.08417	1.08417	2.6476	3.0273	1.01637	1
cg04751009	C14orf1	0.0925404	0.34537	0.664564	-1.50475	0.0275692	0.334354	-2.99084	0.0150456	0.284662	-3.51294	0.559589	0.780303	-1.28155	0.056471	0.403338	-2.47931	0.138158	0.511081	-1.95664	0.0339252	0.353062	-2.83237	0.841017	0.91902	-1.08812	0.13631	0.509221	-1.96378	2.64759	7.41306	2.48883	1
cg08789933	KIAA0182;KIAA0182	0.0925419	0.843621	0.892967	-1.11986	0.00559382	8.04814	8.04814	0.0187346	5.11844	5.11844	0.538378	0.69972	-1.42914	0.363743	1.70746	1.70746	0.793984	1.16184	1.16184	0.429222	1.58813	1.58813	0.895267	0.927286	-1.07842	0.905931	1.07011	1.07011	2.64757	13.7765	4.62527	1
cg02716147	PLXNA1	0.0925444	0.782656	0.914174	-1.09388	0.00925027	2.92088	2.92088	0.758086	1.10545	1.10545	0.0939811	0.550153	-1.81767	0.586044	0.836573	-1.19535	0.696271	0.880469	-1.13576	0.119851	1.72909	1.72909	0.616833	0.849	-1.17786	0.171612	0.623589	-1.60362	2.64754	4.41541	1.48244	1
cg00469508	SMC3	0.0925447	0.526267	0.925686	-1.08028	0.102722	1.23949	1.23949	0.550046	1.07543	1.07543	0.676138	1.05182	1.05182	0.0700778	1.27576	1.27576	0.116886	0.814768	-1.22734	0.148559	0.829994	-1.20483	0.731854	1.04223	1.04223	0.0231651	1.38606	1.38606	2.64754	0.60639	0.203591	1
cg18287310	DAB1	0.0925448	0.0208336	0.260823	-3.83402	0.473427	0.703077	-1.42232	0.207492	0.526139	-1.90064	0.0407819	0.319495	-3.12994	0.0704491	0.376487	-2.65613	0.579463	0.763033	-1.31056	0.0995184	0.418	-2.39234	0.0138321	0.229968	-4.34844	0.206803	0.52557	-1.9027	2.64754	9.78813	3.28629	1
cg04511534	GGT6;GGT6	0.0925456	0.435389	0.835218	-1.19729	0.425928	0.831975	-1.20196	0.881618	1.03429	1.03429	0.735721	0.926213	-1.07966	0.32613	0.795017	-1.25783	0.392733	1.21909	1.21909	0.00308594	2.50016	2.50016	0.535927	0.867772	-1.15238	0.667491	0.906842	-1.10273	2.64753	2.14665	0.720722	1
cg04822710	LRRC26	0.0925464	0.977283	0.988754	-1.01137	0.328902	1.49217	1.49217	0.783566	1.11556	1.11556	0.536993	1.28184	1.28184	0.222376	0.600893	-1.66419	0.584855	1.24498	1.24498	0.00280145	0.194781	-5.13396	0.95357	0.977139	-1.0234	0.710567	1.15957	1.15957	2.64752	6.61484	2.2209	1
cg05131142	FLJ12825;LOC100240734	0.0925496	0.484428	0.847199	-1.18036	0.796129	0.941367	-1.06228	0.760193	1.07406	1.07406	0.0760578	0.630845	-1.58518	0.155734	0.701553	-1.42541	0.807353	1.05867	1.05867	0.0131065	2.05041	2.05041	0.0824898	0.638363	-1.56651	0.386148	0.812752	-1.23039	2.64748	2.28362	0.766723	1
cg23519022	CAPZB	0.0925503	0.0233909	0.163047	-6.13321	0.0152187	0.13587	-7.35995	0.143091	0.348611	-2.86852	0.669242	0.749949	-1.33342	0.0461823	0.216617	-4.61644	0.0804933	0.273044	-3.66242	0.136381	0.341455	-2.92864	0.437511	0.588418	-1.69947	0.080719	0.273364	-3.65813	2.64747	18.8	6.3121	1
cg04802386	NHEDC2	0.0925515	0.06878	0.186132	-5.37254	0.807567	0.817561	-1.22315	0.615211	1.51946	1.51946	0.221018	0.345776	-2.89205	0.0271632	0.115503	-8.6578	0.0674507	0.184273	-5.42672	0.0976466	0.223097	-4.48235	0.0236233	0.107449	-9.3067	0.0929488	0.217453	-4.59871	2.64745	28.5698	9.59236	1
cg07428496	DERL1;DERL1	0.0925527	0.230595	0.564024	-1.77297	0.0967421	0.43597	-2.29373	0.0366022	0.330901	-3.02206	0.788792	0.884923	-1.13004	0.0219666	0.28612	-3.49504	0.145391	0.490712	-2.03786	0.0155047	0.258743	-3.86484	0.106622	0.448335	-2.23048	0.184101	0.526467	-1.89945	2.64744	8.69327	2.9188	1
cg08614769	GMDS	0.0925528	0.0899586	0.236003	-4.23723	0.199012	2.85338	2.85338	0.187487	2.94236	2.94236	0.164164	0.317637	-3.14825	0.089518	0.235442	-4.24734	0.382378	0.500524	-1.99791	0.065162	0.201979	-4.951	0.0541169	0.184743	-5.41293	0.213317	0.363319	-2.7524	2.64744	25.0264	8.40272	1
cg09060496	HNRNPA1;HNRNPA1L-2;HNRNPA1;CBX5	0.0925558	0.0396339	0.377292	-2.65047	0.712679	1.16361	1.16361	0.0478052	2.52702	2.52702	0.138958	1.92026	1.92026	0.860649	1.07464	1.07464	0.0312381	0.355069	-2.81636	0.66681	1.19416	1.19416	0.802297	1.10824	1.10824	0.872929	1.06777	1.06777	2.6474	7.03666	2.36262	1
cg05253109	MINPP1	0.0925563	0.0334868	0.603292	-1.65757	0.856087	1.03669	1.03669	0.344661	1.21417	1.21417	0.0940239	0.690138	-1.44899	0.999851	1.00004	1.00004	0.503052	0.873546	-1.14476	0.0136983	0.534718	-1.87015	0.514294	1.14058	1.14058	0.344453	1.21428	1.21428	2.82261	1.72387	0.475016	1
cg03989451	MAP1B	0.0925586	0.018132	0.326707	-3.06084	0.362547	0.694299	-1.4403	0.836236	1.08404	1.08404	0.872041	0.939091	-1.06486	0.0116382	0.292457	-3.41931	0.381498	0.704735	-1.41897	0.0769324	0.464479	-2.15295	0.182199	0.575799	-1.73672	0.0723765	0.457629	-2.18517	2.64737	6.37285	2.13977	1
cg25820699	KCNC2;KCNC2;KCNC2	0.0925602	?	?	?	0.219376	6.08712	6.08712	0.921093	1.14575	1.14575	0.716157	0.605314	-1.65231	?	?	?	?	?	?	0.335586	0.251923	-3.96946	0.00968796	136.829	136.829	0.559414	0.443191	-2.25636	3.17874	60.2648	18.9587	1
cg00517407	HNRNPA1L2;HNRNPA1L2	0.0925605	0.18351	0.760929	-1.31418	0.0782909	1.4604	1.4604	0.748479	1.07444	1.07444	0.784383	0.672449	-1.48711	0.0164398	0.478907	-2.08808	0.435548	0.85725	-1.16652	0.018331	0.51765	-1.93181	0.127745	1.17413	1.17413	0.0309059	1.56914	1.56914	2.64733	1.6405	0.527737	1
cg16309127	PFDN5;PFDN5	0.0925607	0.861907	0.94667	-1.05633	0.0451689	2.06143	2.06143	0.0273947	2.27374	2.27374	0.17643	1.57912	1.57912	0.776486	1.03947	1.03947	0.652758	1.16901	1.16901	0.0738723	0.534127	-1.87221	0.338941	1.77212	1.77212	0.0569088	2.66697	2.66697	2.64737	5.47364	1.81564	1
cg02316091	KIAA1432	0.0925628	0.425836	0.891824	-1.1213	0.14086	1.24982	1.24982	0.176518	1.2242	1.2242	0.757427	0.95732	-1.04458	0.387742	1.13583	1.13583	0.608068	0.929763	-1.07554	0.0186366	0.669291	-1.49412	0.28639	1.38189	1.38189	0.420262	1.12292	1.12292	2.64732	0.831075	0.27905	1
cg01832549	CAPZB	0.0925636	0.230054	0.554462	-1.80355	0.771033	0.934547	-1.07004	0.151012	0.48669	-2.0547	0.0183442	0.255013	-3.92137	0.230246	0.426288	-2.34583	0.144737	0.340016	-2.94104	0.00965284	0.158365	-6.31452	0.0312046	0.225465	-4.43531	0.0224616	0.205845	-4.85799	2.64729	6.9969	2.25427	1
cg12656047	ISG15	0.0925647	0.270966	[illegible]	-2.64349	0.129552	0.554742	-1.80264	0.365536	0.715743	-1.3972	0.198858	0.5382	-1.61389	[illegible]	[illegible]	[illegible]	0.0809052	0.498456	-2.00619	0.0455797	0.489321	-2.04365	0.0537719	0.4579	-2.19882	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19632805	ESRRB	0.0925687	0.644309	1.09	1.09	0.0278353	1.61913	1.61913	0.878379	1.02879	1.02879	0.46333	0.870772	-1.14841	0.0160014	0.578888	-1.72745	0.191858	0.774061	-1.29189	0.455923	1.15115	1.15115	0.257364	1.24497	1.24497	0.912128	1.02065	1.02065	2.64725	1.44068	0.48375	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ap_01118175	LOC645158;LOC645158	0.09257	0.38462	1.13306	0.13906	1.6220819	0.926597	-1.07574	0.831309	1.03165	1.03165	0.277847	0.84804	-1.17919	0.955148	0.991818	-1.00825	0.0194663	0.661965	-1.51065	0.0192735	0.661356	-1.51204	0.563663	0.91827	-1.089	0.117606	1.28238	2.64723	0.894445	0.300338	1
ap_03920905	MUC6	0.09257	0.938775	1.03028	1.03028	2.09028	0.598111	-1.67193	0.19539	0.587514	-1.70209	0.307554	1.50714	1.50714	0.981563	0.991065	1.00902	0.0300738	0.371261	2.69352	0.013264	0.303622	-3.29357	0.638696	1.20162	1.20162	0.0977052	0.493775	-2.02522	2.64722	0.324	2.12349	1
ap_13766589	INPPSE	0.09257	0.292712	0.643898	-1.55304	0.24455	0.612051	-1.63385	0.653527	1.19987	1.19987	0.473437	0.745245	-1.34184	0.0527556	0.411512	-2.43006	0.184164	0.566588	-1.76495	0.00874017	0.259987	-3.84635	0.0216934	0.329079	-3.03879	0.3702002	0.689974	-1.44933	2.64717	6.8184	2.28954	1
ap_07233179	GOLGA6D	0.09257	0.0147973	0.3915528	-2.5541	0.255115	0.689777	-1.44987	0.388982	0.759197	-1.31718	0.549944	0.827672	-1.20821	0.0181115	0.407613	-2.45331	0.0728766	0.534944	-1.86935	0.0253707	0.435618	-2.29559	0.229141	0.673953	-1.48378	0.444787	0.783823	-1.27758	2.64717	4.09895	1.37638	1
	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SY																											
gi07037057	NRG;SYNRG	0.0925754	?	?	?	0.6641457	4.9937	3.911016	2.24861	2.24861	0.613424	0.674477	-1.48263	?	?	?	0.552444	0.628369	-1.59142	?	?	?	0.0330395	0.145593	-6.86848	0.202896	2.82687	2.82687	2.76302	17.4349	8.41347	1
gi08070778	MGC72080	0.0925763	0.0476679	0.311764	-3.20756	0.695115	0.816518	-1.22471	0.633991	0.78126	-1.27998	0.369718	0.622457	-1.60654	0.973391	1.01731	1.01731	0.567602	1.34625	1.34625	0.00544377	0.152301	-6.55595	0.678926	0.807176	-1.23889	0.0456795	0.307548	-3.25153	2.64715	11.1039	3.72858	1
gi18502070	LUH	0.0925778	0.464787	1.42873	1.42873	0.6163189	0.24467	-4.08713	0.155696	0.482643	-2.07192	0.271993	0.577994	-1.70342	0.54521	1.34128	1.34128	0.0542809	0.350846	-2.85025	0.01700943	0.315003	-3.19486	0.5001	0.720174	-1.38855	0.1178651	0.442958	-2.2578	2.64713	9.64217	3.23777	1
gi03196437	FOXR1	0.0925782	0.241176	0.82408	-1.21347	0.07938802	1.35948	1.35948	0.191275	0.803968	-1.24383	0.962334	1.00748	1.00748	0.0846419	0.740252	-1.35089	0.760497	0.952929	-1.0494	0.0156659	1.59549	1.59549	0.572928	0.915413	-1.0924	0.706011	0.941988	-1.06158	2.64713	1.04264	0.350113	1
gi04819081	ATAD2B	0.0925796	0.0556261	0.613906	-1.62892	0.0246557	0.547764	-1.8256	0.874165	0.964974	-1.0363	0.314482	0.791357	-1.26365	0.900288	1.0286	1.0286	0.42078	1.20325	1.20325	0.234283	1.32378	1.32378	0.0768333	1.55686	1.55686	0.0275555	0.75204	-1.32972	2.64711	2.12176	0.712478	1
gi20001360	MYO18A;MYO18A	0.0925801	0.309442	0.8139	-1.22863	0.1566842	1.56082	1.56082	0.308274	0.810362	-1.23404	0.801731	0.995405	-1.00461	0.0941136	0.73265	-1.36488	0.168227	0.772543	1.29466	0.0564045	0.137911	-7.24981	0.114338	1.35294	1.35294	0.0159347	0.981618	-1.01873	2.64711	1.29485	0.434807	1
gi08073937	ATOH7;ATOH7	0.0925816	0.663553	0.945287	-1.05788	0.529345	1.08536	1.08536	0.0832138	1.279559	1.279559	0.216398	1.18202	1.18202	0.0672755	0.842108	-1.18707	0.463918	1.10057	1.10057	0.340665	0.881413	-1.13454	0.00852083	1.53967	1.53967	0.247817	0.856144	-1.16803	2.64709	0.692799	0.232641	1
gi19502152	CAMK1D;CAMK1D	0.0925817	0.890237	1.045766	1.045766	0.299716	2.83371	2.83371	0.232527	1.860261	1.860261	0.226207	0.548369	-1.82359	0.278368	0.588281	-1.70389	0.635405	0.79702	-1.25327	0.00758209	0.194853	-5.13207	0.885518	0.657251	-1.52149	0.841641	1.0992	1.0992	2.64709	0.93742	3.14921	1
gi00344801	TTC38	0.0925839	0.030796	0.3170797	-3.15361	0.0986787	0.440461	-2.27035	0.2102341	0.550065	-1.81797	0.167292	0.513457	-1.94758	0.01768244	0.270753	-3.69341	0.0279949	0.306769	-3.25978	0.2146111	0.553453	-1.80684	0.09100228	0.72941	-2.32337	0.0847161	0.421743	-2.37111	2.64706	8.59619	2.88662	1
gi04726090	DUSP3	0.0925845	0.176248	0.770973	-1.29706	0.103176	0.724154	-1.38054	0.124133	0.739916	-1.3515	0.0411089	0.652904	-1.53162	0.196579	1.28018	1.28018	0.334907	0.835356	-1.19709	0.0488778	0.66574	-1.50209	0.473855	1.14085	1.14085	0.307126	1.21077	1.21077	2.64705	1.37197	0.460713	1
gi14854115	SIH1;SIH1	0.0925846	0.3683175	1.142984	1.142984	0.2705464	2.66483	2.66483	0.0548239	2.29564	2.29564	0.218513	0.913763	-1.09438	0.280671	0.651848	-1.534	0.812782	1.09477	1.09477	0.0473142	2.37751	2.37751	0.0334453	2.58345	2.58345	0.0263225	1.55272	1.55272	2.64705	6.10582	2.05036	1
gi26562772	DUSP10;DUSP10;DUSP10	0.0925847	0.0750609	2.84533	2.84533	0.772984	1.16483	1.16483	0.827307	0.891144	-1.12215	0.2812004	1.80069	1.80069	0.501189	0.697588	-1.43351	0.2655565	1.84412	1.84412	0.0164064	4.69816	4.69816	0.0243196	4.12028	4.12028	0.0627813	3.0174	3.0174	2.64705	11.6656	3.91734	1
gi27508856	C5orf71;AKIH2	0.0925853	0.0219534	0.418072	-2.39193	0.0568024	0.504708	-1.98134	0.146877	0.631664	-1.63488	0.183447	0.609134	-1.64122	0.0179885	0.409734	-2.44109	0.0585152	0.507672	-1.96977	0.0463459	0.484884	-2.06235	0.0617548	0.513062	-1.94908	0.0851565	0.546784	-1.82888	2.64704	4.21741	1.41622	1
gi21552701	CDK4A2	0.0925861	0.0615318	0.765011	-1.30748	0.0751143	1.70686	1.70686	0.0578751	1.981	1.981	0.187749	0.939629	-1.06425	0.0393628	0.525694	-1.90225	0.8544131	0.951557	-1.05091	0.2000804	1.4398	1.4398	0.0822853	1.94793	1.94793	0.0742708	0.589872	-1.69528	2.64703	3.05104	1.02405	1
gi03634147	SNORD116-24 /// SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;	0.0925866	0.333718	0.764075	-1.30877	0.0609883	0.56558	-1.7681	0.0442422	1.86584	1.86584	0.558657	0.852468	-1.17306	0.890255	1.03796	1.03796	0.543712	0.847155	-1.18042	0.920727	0.973493	-1.02723	0.0269829	2.02758	2.02758	0.208606	0.699246	-1.43011	2.64703	3.0536	1.02542	1
	SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;																											
gi09596239	SMPD4;FAM128B	0.0925881	0.999308	1.00061	1.00061	0.554075	0.654201	-1.52858	0.635108	1.40316	1.40316	0.0612223	0.218469	-4.5773	?	?	?	0.320223	0.481616	-2.07634	0.0483446	5.10692	5.10692	0.0343868	0.167014	-5.98752	0.281858	2.21718	2.21718	2.85132	19.6848	6.04078	1
gi12832956	IAH1	0.0925886	0.556344	0.839546	-1.19112	0.443663	1.25805	1.25805	0.189921	1.50394	1.50394	0.934457	1.02447	1.02447	0.276644	0.717053	-1.3946	0.2313158	0.691414	-1.44631	0.0661622	1.83274	1.83274	0.0163117	0.421802	-2.37078	0.180229	0.658167	-1.51937	2.647	3.62219	1.21636	1
gi26009940	SLC16A7	0.0925912	0.036972	0.332894	-3.00396	0.140731	0.467036	-2.05124	0.0600274	0.381654	-2.62169	0.301833	0.615281	-1.62527	0.038713	0.337293	-2.96478	0.421994	0.68907	-1.45123	0.0655722	0.391466	-2.5545	0.168269	1.94769	1.94769	0.211639	0.550219	-1.81746	2.64695	8.64196	2.90211	1
gi13150564	PTGR2;PTGR2;PTGR2	0.0925932	0.524239	0.865024	1.15604	0.642209	1.42209	1.42209	0.18018	1.30005	1.30005	0.254453	0.910955	-1.09792	0.0905124	0.642544	-1.55636	0.7197005	0.853357	-1.17205	0.0902157	0.940257	-1.06357	0.826544	1.01034	1.01034	0.97051	1.35359	1.35359	2.64695	0.8938758	0.232277	1
gi25983854	TBC1D22A	0.0925945	0.796152	0.954868	-1.04727	0.277537	0.817542	-1.22318	0.113192	0.735262	-1.36006	0.1628	0.766602	-1.30446	0.830555	1.03897	1.03897	0.412414	1.16125	1.16125	0.00793558	1.83543	1.83543	0.363357	0.8122	-1.23122	0.970543	1.00661	1.00661	2.64693	1.3341	0.448015	1
gi16473166	SELO	0.0925965	0.79575	1.13063	1.13063	0.2974997	1.16594	1.16594	0.683383	0.910332	-1.09846	0.710379	1.01079	1.01079	0.845005	1.04599	1.04599	0.8155173	1.02669	-1.36756	0.0232065	1.32056	1.32056	0.0473554	1.36767	1.36767	0.0159392	0.954691	1.04599	2.64691	7.82823	2.62889	1
gi23886755	PHC2;PHC2	0.0925968	0.805422	1.10648	1.10648	0.0555123	4.46203	4.46203	0.0675541	2.31541	2.31541	0.0492599	1.17691	1.17691	0.487691	0.74898	-1.33515	0.926097	1.03877	1.03877	0.213112	1.71175	1.71175	0.0459278	2.55458	2.55458	0.792182	1.11433	1.11433	2.6469	1.04521	2.36594	1
gi06300222	ZFAND3	0.0925989	0.272745	0.826472	-1.20996	0.187108	1.26296	1.26296	0.645491	0.925575	-1.08041	0.769375	0.952098	-1.05031	0.533011	0.899943	-1.11118	0.363229	1.16885	1.16885	0.00330695	1.95041	1.95041	0.821485	0.96297	-1.03845	0.792982	1.04489	1.04489	2.64688	1.16859	0.392442	1
gi26618875	PMAIP1	0.0926048	0.0704887	0.5795	-1.72546	0.0544493	1.97837	1.97837	0.0556583	2.03832	2.03832	0.0538502	1.28452	1.28452	0.0941134	0.784157	-1.2753	0.2050668	1.55139	1.55139	0.0147528	2.14506	2.14506	0.0143511	1.83485	1.83485	0.587339	0.835295	1.41718	2.6487	4.52211	1.51864	1
gi13539030	ARL4C	0.0926002	0.0628973	2.7428	2.7428	0.476536	1.39641	1.39641	0.727779	1.17405	1.17405	0.0731669	2.59619	2.59619	?	?	?	0.685992	1.2053	1.2053	?	?	?	0.15981	0.493817	-2.02504	0.0484858	0.33741	-2.96376	1.13426	7.73078	2.11418	1
gi05913514	KREMEN2;KREMEN2	0.0926012	0.668266	1.15504	1.15504	0.3955	1.56344	1.56344	0.0965257	1.3892	1.3892	0.0822597	0.90052	-1.11018	0.4065565	0.844555	-1.18405	0.872883	1.0724	1.0724	0.0154945	1.75434	1.75434	0.0193344	1.11321	1.11321	0.74686	1.16095	1.16095	2.64687	1.6509	0.557401	1
gi07127302	EBPL PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.0926036	0.285293	0.806138	-1.24048	0.25113	1.26216	1.26216	0.511973	1.13786	1.13786	0.541155	1.12763	1.12763	0.0540016	1.52916	1.52916	0.7228852	1.07159	1.07159	0.974723	1.00617	1.00617	0.887634	0.97292	-1.02783	0.00398019	2.12078	2.12078	2.64682	1.58058	0.530811	1
gi14695663	PLEC1;PLEC1	0.0926055	0.475435	1.17548	1.17548	0.695297	0.91604	-1.09165	0.451797	0.843004	-1.18623	0.51778	0.864085	-1.15729	0.983609	0.995434	-1.00459	0.463622	1.1808	1.1808	0.00727128	2.12623	2.12623	0.0224017	1.83951	1.83951	0.750579	0.931417	-1.07363	2.6468	2.08056	0.698727	1
gi24014990	VASH1	0.0926059	0.493128	1.13417	1.13417	0.100105	0.721761	-1.3855	0.598968	0.90843	-1.1008	0.786145	1.05045	1.05045	0.766921	1.05527	1.05527	0.0589234	0.679748	-1.47113	0.0201893	1.66028	1.66028	0.0836348	1.41413	1.41413	0.773421	1.05363	1.05363	2.64679	1.37296	0.461088	1
gi05440085	ADAMTS2;ADAMTS2	0.0926068	0.452286	1.15555	1.15555	0.4148053	1.56582	1.56582	0.0867334	1.73203	1.73203	0.127666	0.823108	0.88852	-1.1407	0.14097	-7.09555	0.3014497	1.01867	1.01867	0.908417	1.00182	1.00182	0.988447	1.58859	1.58859	0.0208847	0.944755	-1.05848	0.84678	0.919407	0.313473	1
gi14185994	Clorf130;Clorf130;Clorf130	0.0926097	0.388476	0.838678	-1.13163	0.673621	1.06106	1.06106	0.0267044	1.49191	1.44391	0.321462	0.86647	-1.15411	0.380407	0.881714	-1.13415	0.130473	1.79572	-1.25672	0.0200668	0.67537	-1.48067	0.542488	1.09009	1.09009	0.751025	1.04554	1.04554	2.64675	0.8206022	0.275593	1
gi00039794	CCDC138	0.0926098	0.51033	0.840848	-1.18928	0.444336	1.22437	1.22437	0.198962	1.4224	1.4224	0.600193	0.871723	-1.14715	0.697755	0.903657	-1.10661	0.120304	0.645695	-1.54872	0.112456	0.638539	-1.56608	0.00541116	0.386625	-2.58649	0.497567	0.8363	-1.19574	2.64675	2.82469	0.948649	1
gi08167937	GLI2	0.0926134	0.0178386	0.5555	-1.80026	0.0164183	0.605626	-1.65122	0.0810349	0.884144	-1.4175	0.410465	1.19423	1.19423	0.0662555	0.691011	-1.51542	0.2809013	1.78504	-1.26662	0.0155491	1.63269	1.63269	-1.57986	0.0254264	1.14057	1.14057	0.534166	0.875662	1.14928	2.64672	1.84628	0.626112	1
gi05663064	CDL6A1	0.0926161	0.570578	1.19824	1.19824	0.253944	0.686092	-1.45626	0.0789953	0.640245	-1.56202	0.0672755	1.9362	1.9362	0.0521906	0.498189	2.00727	0.08897	1.80734	1.80734	0.510295	1.23455	1.23455	0.571756	0.8350014	-1.19758	0.323833	1.37918	1.37918	2.64667	4.17261	1.40138	1
gi14575709	PLEKHA3	0.0926169	0.0075492	0.4833	-2.06955	0.0149494	0.441241	-2.26546	0.0178494	0.384492	-2.5913	0.0183188	0.479534	-2.08842	0.1913	0.376334	-2.65784	0.2482622	2.31002	2.31002	0.0102305	0.875334	1.1429	1.1429	0.0356506	0.840339	1.1036	1.1036	0.373075	0.833341	1.1036	2.64666	1.6509	0.623815	1
gi03718284	RNF5P1;RNF5;AGPAT1	0.0926218	0.677432	1.04406	1.04406	0.657778	1.04702	1.04702	0.208641	1.14638	1.14638	0.00924379	0.711415	-1.46565	0.562847	0.941487	-1.06215	0.083562	0.820863	-1.21823	0.879103	0.984434	-1.01581	0.246858	1.13293	1.13293	0.137844	0.848157	-1.17903	2.64665	0.445286	0.149551	1
gi05342355	PTGFRN	0.0926219	0.0406503	0.239509	-3.40705	0.0161215	0.385169	-2.59627	0.0237775	0.853273	-1.17196	0.649724	1.2676	1.2676	0.0448373	0.302953	-3.30122	0.9970956	1.015	1.015	0.9555192	1.32334	1.32334	0.30404	0.521785	1.70041	1.70041	0.259855	0.541362	1.84713	2.64664	11.2752	3.78984	1
gi20249882	KIAA1530	0.0926266	0.478443	1.16585	1.16585	0.816614	0.915739	-1.20071	0.442045	0.833231	-1.20015	0.570396	1.12989	1.12989	0.0779107	0.715345	-1.39772	0.184243	1.34975	1.34975	0.153927	1.38408	1.38408	0.104338	0.906315	-1.10333	0.0360176	1.68083	1.68083	2.64662	0.98059	0.638328	1
gi02056226	VPS52	0.0926233	0.801646	1.06818	1.06818	0.6680256	1.70832	1.70832	0.472808	1.21087	1.21087	0.629112	1.13601	1.13601	0.00469318	0.373553	-2.677	0.456413	1.21988	1.21988	0.679698	1.11492	1.11492	0.552738	1.17042	1.17042	0.917282	0.973145	-1.0276	2.64658	2.87794	0.966595	1
gi02872476	DBNDD1	0.0926243	0.443114	0.844487	-1.18412	0.23152	1.38207	1.38207	0.0434831	1.44898	1.44898	0.261504	0.817891	-1.22314	0.0983465	0.677599	-1.47555	0.426543	0.58274	-1.71603	0.0957669	0.511306	-1.95644	0.0211504	0.713375	1.40179	0.264158	0.34594	-2.89	2.64654	12.2703	3.7984	1
gi06070644	SLC34A2	0.0926237	0.194771	0.769233	-1.3	0.134587	0.734475	-1.36152	0.259222	0.798391	-1.25252	0.523493	0.891462	-1.12183	0.0656863	0.59002	-1.69456	0.291333	1.233	1.233	0.287912	1.23498	1.23498	0.75012	1.06303	1.06303	0.211283	0.777303	-1.2865	2.64658	1.53376	0.515134	1
gi23448635	NPR	0.0926244	0.508527	0.852722	-1.17272	0.0233554	1.90343	1.90343	0.52195	0.857795	-1.16581	0.548875	0.954585	1.04758	0.0477525	0.374615	-2.67	0.8731441	0.942753	-1.06069	0.576686	0.874615	-1.14335	0.0111995	0.47	-2.12766	0.0168886	1.27863	1.27863	2.64657	2.36523	0.794978	1
gi08347174	ZNF23	0.0926249	0.0145654	0.499108	-2.00326	0.111468	0.669859	-1.49325	0.0818685	0.51781	-1.93121	0.596003	1.13148	1.13148	0.0336904	0.569477	-1.756	0.647344	0.907935	-1.1014	0.703061	1.015366	1.015366	0.0204645	0.832555	-1.2011	0.555422	0.871315	-1.14764	2.64656	2.13467	0.750549	1
gi10351095	PCNT PML;PML;PML;PML;PML;PML;PML	0.092626	0.43243	0.885944	-1.12874	0.0192639	0.651851	-1.53409	0.474021	1.11635	1.11635	0.475748	1.11585	1.11585	0.046637	0.708658	1.41112	0.573536	1.08977	1.08977	0.750573	0.952936	-1.04939	0.247347	0.83291	-1.20061	0.0262528	0.671335	-1.48957	2.64655	0.957715	0.321665	1
ap_18863296	PML	0.0926273	0.963192	0.971863	-1.02895	0.042539	0.2359	-4.23908	0.496695	0.652594	-1.53235	0.0120738	0.144337	-6.92822	0.0846644	0.307461	-3.25244	0.969883	1.02362	1.02362	0.0203883	0.177513	-5.63339	0.765225	0.830925	-1.20348	0.281165	0.500204	-1.99918	2.64654	16.032	5.38466	1
ap_10275973	TLX2;TLX2	0.0926286	0.291268	1.12774	1.12774	0.258005	0.878471	-1.13834	0.471788	0.10867	1.08367	0.441772	1.08992	1.08992	0.196292	0.86082	-1.16168	0.0172497	1.37503	1.37503	0.082644	0.814073	-1.22839	0.19329	1.19086	1.19086	0.579094	0.939719	-1.06415	2.64652	0.505125	0.169657	1
gi11303425	4;ZNF384;ZNF384;ZNF384;ZNF384;ZNF38	0.0926288	0.846093	1.03644	1.03644	0.735176	0.939381	-1.06453	0.210759	1.27493	1.27493	0.0154631	1.72842	1.72842	0.0934595	1.40472	1.40472	0.0146604	1.7393	1.7393	0.743248	0.941253	-1.06241	0.464954	0.871986	-1.14681	0.550664	1.11763	1.11763	2.64652	1.4221	0.477642	1
gi02878739	AGAP1;AGAP1	0.0926289	0.199723	0.798004	-1.25314	0.0444268	0.515159	-1.94268	0.0532909	0.827188	-1.20853	0.764132	0.987134	-1.01353	0.0744322	0.732155	-1.36605	0.6003666	1.10943	1.10943	0.217621	1.28616	1.28616	0.305055	1.03124	2.64511	0.0233722	0.906865	-1.10251	2.64651	1.63172	0.590526	1
gi02092201	BCL9L	0.0926298	0.0146725	0.402828	-2.37627	0.376577	0.752199	-1.32944	0.621765	0.866524	-1.15404	0.590888	1.18554	1.18554	0.285707	0.726561	-1.37635	0.630262	0.869594	-1.14996	0.00617124	0.35734	-2.79845	0.387049	0.77458	-1.29102	0.251494	0.708116	-1.4122	2.6465	3.47883	1.16844	1
gi15209412	WDR18	0.0926303	0.0018628	0.503111	-1.98756	0.0148	0.877539	-1.13999	0.357102	0.883422	-1.13202	0.495392	1.15464	1.15464	0.0495818	0.705464	-1.41722	0.1604028	1.25144	1.25144	0.0183969	0.972054	1.01371	1.01371	0.774821	1.03959	1.03959	0.710696	0.877898	1.03959	1.03959	2.64646	0.729266	0.259494	1
gi10925350	PPP2R3C;KIAA0391	0.0926333	0.700026	0.917648	-1.08974	0.814819	0.949251	-1.05346	0.653128	0.904454	-1.10564	0.714977	1.08482	1.08482	0.490373	0.855968	-1.16827	0.283795	0.780993	-1.28042	0.00160028	0.366039	-2.73195	0.693158	0.95173	-1.09202	0.789973	1.06105	1.06105	2.64646	2.06544	0.693736	1
gi24138091	SIX5	0.0926341	0.112896	2.83493	2.83493	0.0155239	0.60426	0.60426	0.112343	2.84027	2.84027	0.121281	2.75787	2.75787	0.55856	0.828328	-1.20725	0.29472	1.92755	1.92755	0.280847	0.508195	-1.96775	0.810761	0.865146	-1.15587	0.0448219	0.41763	0.41763	2.64645	15.2846	5.13377	1
gi21267683	DNAH17	0.0926349	0.163618	0.659473	-1.51659	0.0248853	1.32624	1.32624	0.0822558	1.64018	1.64018	0.262833	1.32206	1.32206	0.399077	0.877557	-1.13971	0.2454622	2.33432	2.33432	0.0138549	0.731373	1.23549	-1.61906	0.0134473	0.656054	-1.52438	0.740057	1.87826	2.64642	6.3972	2.14871	1
gi07542748	RADIL	0.0926381	0.109475	4.69252	4.69252	0.262999	2.81179	2.81179	0.439146	2.01179	2.01179	0.213003	3.19593	3.19593	0.300125	0.38626	-2.58893	0.0874844	5.3187	5.3187	0.0859402	5.3716	5.3716	0.0235576	10.9753	10.9753	0.0232845	11.0468	11.0468	2.64641	32.8943	11.0487	1
gi26307117	LTF	0.0926383	0.0529863	15.6192	15.6192	0.0139477	0.25962	-3.82368	0.2158859	0.212254	-4.71019	0.286735	0.212254	-4.71019	0.286735	0.70904	-1.41026	0.0197036	1.0141	1.0141	0.9509	1.25009	1.25009	0.47796	0.440219	2.50862	0.0144	0.58308	0.918551	2.64639	1.71684	0.649	1
gi09060180	CRMP1;CRMP1	0.0926397	0.656792	1.12977	1.12977	0.812915	0.93912	-1.06483	0.123994	1.57536	1.57536	0.778448	0.925933	-1.07999	0.0289039	0.497782	-2.00891	0.3623667	0.774586	-1.29101	0.248643	1.38959	1.38959	0.168147	0.66084	-1.49289	0.0235325	0.748086	-1.20167	2.64638	1.11982	1.04791	1
gi17259886	JAKMIP2	0.0926399	0.218939	0.705714	-1.417	0.0200735	2.13011	2.13011	0.10059	1.62396	1.62396	0.119827	0.634483	-1.57609	0.995486	1.00153	1.00153	0.760419	0.920859	-1.08594	0.116891	1.58282	1.58282	0.535748	1.18418	1.18418	0.248095	0.722166	-1.33472	2.64638	3.04588	1.02307	1
gi02277326	HERC2	0.0926403	0.524219	0.87495	-1.14292	0.3291	0.601505	-1.66202	0.123955	0.617619	-1.61912	0.659293	1.0402	1.0402	0.941397	1.02743	1.02743	0.577782	1.1819	1.1819	0.5454754

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12843874	TOP1MT	0.0927419	0.155612	0.457174	-2.18735	0.124722	0.424774	-2.35419	0.0551207	0.32622	-3.06542	0.0730015	0.356964	-2.8014	0.0615486	0.337946	-2.95906	0.0472574	0.310548	-3.22012	0.204315	0.50155	-1.99382	0.631575	0.779676	-1.28258	0.0105867	0.190867	-5.23924	2.64515	11.1172	3.73589	1
cg08017787	PTPRN2;PTPRN2;PTPRN2	0.0927421	0.48731	0.75708	-1.32086	0.72735	1.14801	1.14801	0.148289	0.542541	-1.84318	0.00743081	0.256766	-3.8946	0.44554	0.735904	-1.35887	0.59274	1.23726	1.23726	0.0511489	0.416526	-2.40081	0.448392	1.35617	1.35617	0.107299	0.49999	-2.00004	2.64514	6.51447	2.18916	1
cg24639469	AJAP1;AJAP1	0.0927422	0.937706	1.02254	1.02254	0.464863	0.808851	-1.23632	0.318067	0.745035	-1.34222	0.298424	1.35988	1.35988	0.00743677	0.374129	-2.67287	0.215945	1.44976	1.44976	0.437652	0.797875	-1.25333	0.0749994	0.568075	-1.76033	0.486172	1.22362	1.22362	2.64514	3.40753	1.14509	1
cg04674792	MFAP1	0.0927424	0.376167	0.741494	-1.34863	0.561288	0.824119	-1.21342	0.143402	1.67835	1.67835	0.392186	0.749247	-1.33467	?	?	?	?	?	?	0.348796	0.727858	-1.37389	0.00726459	0.319697	-3.12797	0.680164	1.14627	1.14627	2.71299	3.6244	1.52679	1
cg26506555	AKAP14;AKAP14;AKAP14	0.0927477	0.848849	1.08398	1.08398	0.0310923	0.343207	-2.91369	0.0240997	0.320845	-3.11677	0.104775	2.1154	2.1154	0.084792	0.446847	-2.2379	0.606543	0.80288	-1.24552	0.426802	1.40905	1.40905	0.55814	0.778578	-1.28439	0.477007	0.736697	-1.35741	2.64508	7.48216	2.51441	1
cg13649886	ZNF345	0.0927496	0.311905	0.79998	-1.25003	0.00736473	0.478652	-2.0892	0.794001	0.945704	-1.05741	0.760629	1.06736	1.06736	0.0176421	0.540185	-1.85122	0.21934	0.75915	-1.31726	0.201527	0.749965	-1.33339	0.240455	0.769373	-1.29976	0.710825	1.08269	1.08269	2.64505	1.90647	0.640681	1
cg05924746	FUS;FUS;FUS;FUS	0.092751	0.108466	0.847645	-1.17974	0.0169547	1.31641	1.31641	0.757749	0.971216	-1.02964	0.653186	1.04362	1.04362	0.846834	0.98191	-1.01842	0.176524	1.14526	1.14526	0.661488	1.04247	1.04247	0.171366	1.14738	1.14738	0.0292663	1.27436	1.27436	2.64504	0.373325	0.125459	1
cg24458315	CBX1;CBX1	0.0927515	0.192737	1.48894	1.48894	0.251335	1.4135	1.4135	0.0913502	0.584561	-1.71068	0.439903	0.796559	-1.2554	0.0109175	0.397493	-2.51577	0.145649	0.636907	-1.57009	0.518983	0.827963	-1.20778	0.390726	1.28911	1.28911	0.546842	0.838567	-1.19251	2.64503	3.49296	1.17384	1
cg12199221	HAPLN1	0.0927522	0.0695151	4.57535	4.57535	0.557646	1.55919	1.55919	0.823753	0.846128	-1.18185	0.178348	2.91861	2.91861	0.409674	1.88056	1.88056	0.0888204	4.07921	4.07921	0.00840203	12.4481	12.4481	0.0445098	5.63067	5.63067	0.0775935	4.34617	4.34617	2.64502	23.503	7.89845	1
cg03518179	MEF2D	0.0927536	0.0151541	0.530951	-1.88341	0.376411	0.824811	-1.2124	0.0913494	0.674006	-1.48367	0.215074	0.758134	-1.31903	0.0147826	0.529166	-1.88977	0.185751	0.742517	-1.34677	0.299018	0.795811	-1.25658	0.961553	1.01028	1.01028	0.421657	1.19026	1.19026	2.64501	1.88599	0.633813	1
cg17728503	ASNSD1;ASNSD1	0.0927547	0.122707	0.75251	-1.32889	0.392831	1.16047	1.16047	0.0349735	1.51854	1.51854	0.83625	0.965425	-1.03581	0.0465516	0.67873	-1.47334	0.0557673	0.691797	-1.44551	0.913192	1.01871	1.01871	0.578835	1.10002	1.10002	0.522777	1.11641	1.11641	2.64499	1.21081	0.406912	1
cg27037969	AACS;AACS	0.092755	0.053121	1.27323	1.27323	0.697669	0.957996	-1.04385	0.393049	1.10095	1.10095	0.51721	1.07485	1.07485	0.479419	0.924009	-1.08224	0.283109	1.13042	1.13042	0.0101437	0.700144	-1.42828	0.236215	1.14618	1.14618	0.641407	0.949748	-1.05291	2.64499	0.506184	0.170111	1
cg17384145	HIST1H2AM;HIST1H2BO	0.0927561	0.0234658	0.639895	-1.56276	0.361896	0.85677	-1.16717	0.901419	0.979767	-1.02065	0.976796	0.995214	-1.00481	0.0392868	1.48197	1.48197	0.404951	0.868878	-1.15091	0.0739881	0.720032	-1.38883	0.596251	0.915582	-1.0922	0.193893	1.25449	1.25449	2.64497	1.13973	0.383026	1
cg15316703	KDM2B;KDM2B;KDM2B	0.0927562	0.389044	1.50327	1.50327	0.807916	1.11905	1.11905	0.970897	0.983294	-1.01699	0.557065	1.31555	1.31555	0.39506	1.49518	1.49518	0.0175013	0.263033	-3.80181	0.138078	0.478362	-2.09047	0.208484	0.542088	-1.84472	0.0222804	0.282246	-3.54301	2.64497	8.9334	3.00222	1
cg13950770	TM6SF2	0.0927622	0.766095	0.944703	-1.05853	0.405961	0.850346	-1.17599	0.309634	0.818341	-1.22198	0.892474	0.974541	-1.02612	0.00919225	0.532258	-1.87879	0.939851	1.01449	1.01449	0.0209125	1.69881	1.69881	0.809336	0.954954	-1.04717	0.808185	0.954682	-1.04747	2.6449	1.52301	0.511846	1
cg06829186	NGEF;NGEF	0.0927629	0.929404	1.02404	1.02404	0.573389	0.85855	-1.16475	0.165671	0.672795	-1.48634	0.893425	0.964707	-1.03658	0.0239807	0.485839	-2.0583	0.834043	0.945312	-1.05785	0.0187647	2.14544	2.14544	0.685711	0.89668	-1.11523	0.109413	0.626332	-1.5966	2.64489	3.00992	1.01157	1
cg17861161	PRDM16;PRDM16	0.0927643	0.780887	0.919722	-1.08729	0.00301756	3.38775	3.38775	0.153549	1.58181	1.58181	0.934385	0.975592	-1.02502	0.883688	1.04491	1.04491	0.137899	1.61518	1.61518	0.933071	0.975108	-1.02553	0.184888	1.525	1.525	0.725139	0.89948	-1.11175	2.64488	3.77258	1.26789	1
cg27233997	EPHA6;EPHA6	0.0927669	0.0764655	0.559308	-1.78792	0.251463	0.702398	-1.4237	0.0515873	0.520344	-1.92181	0.122421	0.610455	-1.63812	0.0177829	0.427559	-2.33886	0.121936	0.609998	-1.63935	0.898106	1.0385	1.0385	0.535159	0.830964	-1.20342	0.0195187	0.435064	-2.29851	2.64484	3.64139	1.22381	1
cg02452840	OTUD4;OTUD4;OTUD4	0.092768	0.0819999	0.43092	-2.32062	0.258453	0.597444	-1.6738	0.111528	2.13228	2.13228	0.133226	0.492822	-2.02913	0.328897	0.643905	-1.55302	0.725664	1.16638	1.16638	0.0123471	0.256427	-3.89975	0.144699	0.504419	-1.98248	0.369154	0.668362	-1.49619	2.64483	7.99392	2.68664	1
cg25155253	PWWP2A;PWWP2A	0.0927682	0.380678	1.31157	1.31157	0.109885	1.69156	1.69156	0.228768	1.46373	1.46373	0.838663	1.06342	1.06342	0.313974	1.36903	1.36903	0.0368314	2.07807	2.07807	0.0212534	0.433785	-2.30529	0.941979	0.978284	-1.0222	0.169851	1.55429	1.55429	2.64483	3.811	1.28082	1
cg16442226	GAS2L1;GAS2L1;GAS2L1	0.0927686	0.0902718	1.49087	1.49087	?	?	?	0.0802991	1.51739	1.51739	?	?	?	?	?	?	?	?	?	?	?	?	0.0836239	1.50812	1.50812	0.274114	0.791342	-1.26368	3.68026	0.953903	0.323993	1
cg19404723	DLGAP2	0.0927694	0.0589452	0.337692	-2.96128	0.0881755	0.385144	-2.59643	0.183892	0.491427	-2.03489	0.765117	0.860973	-1.16148	0.0604347	0.340456	-2.93724	0.107987	0.411585	-2.42963	0.0197689	0.234898	-4.25716	0.0378837	0.292089	-3.42361	0.032517	0.277681	-3.60125	2.81967	10.9021	3.00723	1
cg16391327	FAM98B;FAM98B	0.0927717	0.426796	0.464257	-2.15398	0.200563	0.278459	-3.5912	0.12562	0.208588	-4.79413	0.576025	1.70617	1.70617	0.230283	0.304166	-3.28768	?	?	?	0.00587564	0.0330697	-30.2392	0.0613104	0.136179	-7.34329	0.391661	0.436078	-2.29317	2.67508	33.6775	12.5893	1
cg04407275	MGC2752	0.092772	0.129036	0.862037	-1.16004	0.0229221	1.27929	1.27929	0.450444	1.07208	1.07208	0.0233969	0.782598	-1.2778	0.863241	1.01573	1.01573	0.626006	1.04546	1.04546	0.259659	1.11229	1.11229	0.542535	1.05738	1.05738	0.570015	1.05333	1.05333	2.64478	0.343119	0.115319	1
cg16853564	ZFYVE28	0.0927724	0.31175	1.84428	1.84428	0.0534833	3.60684	3.60684	0.400342	1.65456	1.65456	0.0844469	3.05372	3.05372	0.842292	0.890015	-1.12358	0.0134861	0.167147	-5.98274	0.284884	1.91501	1.91501	0.557297	1.41503	1.41503	0.676201	1.27848	1.27848	2.64478	14.3301	4.81622	1
cg05419696	CYB5D1;CYB5D1;LSMD1	0.0927732	?	?	?	0.943181	1.05992	1.05992	?	?	?	0.0963882	0.189983	-5.26363	0.181504	3.45391	3.45391	?	?	?	?	?	?	0.0502697	8.38303	8.38303	?	?	?	4.3182	17.6364	4.0842	1
cg27269936	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.0927788	0.585337	0.78112	-1.28021	0.0079103	4.60556	4.60556	0.0259058	3.27307	3.27307	0.3326	1.5654	1.5654	0.515661	0.744134	-1.34384	0.423011	1.44329	1.44329	0.460316	0.713882	-1.40079	0.609655	0.793836	-1.25971	0.727606	1.16974	1.16974	2.6447	8.4204	2.83011	1
cg16041090	MIR548F5	0.0927804	0.844143	0.960199	-1.04145	0.0398508	1.63275	1.63275	0.157957	1.36547	1.36547	0.76824	1.06287	1.06287	0.403139	1.19308	1.19308	0.0268972	1.71744	1.71744	0.0141052	1.8685	1.8685	0.0820364	1.48821	1.48821	0.146022	1.37993	1.37993	2.64468	1.78339	0.599405	1
cg22385463	TBX10	0.0927827	0.215135	1.86211	1.86211	0.00915946	4.84038	4.84038	0.787768	1.1372	1.1372	0.317101	1.63686	1.63686	0.168579	0.497066	-2.01181	0.0598312	2.75067	2.75067	0.595565	1.29079	1.29079	0.448259	1.44519	1.44519	0.0652654	2.6807	2.6807	2.64465	9.50955	3.19624	1
cg13615592	ALDH1A3	0.0927828	0.0589662	15.8836	15.8836	0.28035	4.28477	4.28477	0.427802	2.85695	2.85695	0.0968868	10.6217	10.6217	0.0420331	20.861	20.861	0.32291	3.75823	3.75823	0.016533	44.5576	44.5576	0.0532458	17.2444	17.2444	0.0329457	25.3902	25.3902	2.64465	70.4236	23.67	1
cg06158994	IGSF9B	0.0927842	0.806197	0.916409	-1.09122	0.0177555	2.78365	2.78365	0.0424268	2.29324	2.29324	0.556534	0.809613	-1.23516	0.64777	0.84929	-1.17745	0.991595	0.996266	-1.00375	0.0374251	0.424157	-2.35762	0.97796	0.990237	-1.00986	0.95461	0.979989	-1.02042	2.64463	5.28253	1.77551	1
cg25389463	RBM34;RBM34;RBM34	0.092785	0.173941	0.532511	-1.8779	0.278904	0.612351	-1.63305	0.0113025	0.251058	-3.98315	0.730726	1.16242	1.16242	0.100625	0.45682	-2.18904	0.234198	1.72164	1.72164	0.0766016	0.423985	-2.35858	0.195258	0.550582	-1.81626	0.593805	1.2643	1.2643	2.64462	7.94916	2.6718	1
cg07926531	ADC	0.0927885	0.221548	0.736399	-1.35796	0.834675	0.951449	-1.05103	0.390264	0.810872	-1.23324	0.0697334	0.616929	-1.62093	0.00575007	0.422326	-2.36784	0.578319	1.14307	1.14307	0.0530945	0.592519	-1.68771	0.718323	0.917357	-1.09009	0.637976	1.11948	1.11948	2.64458	2.37524	0.798357	1
cg17316185	C1QL1	0.09279	0.00687608	0.222507	-4.49425	0.0199535	0.299331	-3.34078	0.0552099	0.393223	-2.54309	0.743097	0.868283	-1.1517	0.329753	0.649264	-1.54021	0.606957	0.800251	-1.24961	0.692066	0.842866	-1.18643	0.858916	1.0794	1.0794	0.905517	0.950287	-1.05231	2.64456	7.72397	2.59617	1
cg16000022	TPCN2	0.0927909	0.377941	0.845454	-1.1828	0.0346334	1.57952	1.57952	0.499451	1.13567	1.13567	0.985272	1.00343	1.00343	0.891816	1.02557	1.02557	0.0964413	1.40314	1.40314	0.0727589	0.689715	-1.44987	0.0277779	1.62038	1.62038	0.687581	1.07791	1.07791	2.64455	1.4424	0.484821	1
cg03525069	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.0927953	0.141763	0.717648	-1.39344	0.904879	0.975206	-1.02542	0.0220722	0.561851	-1.77983	0.113502	0.696511	-1.43573	0.0812236	0.66634	-1.50073	0.165259	0.732831	-1.36457	0.0999305	1.46025	1.46025	0.740564	1.07228	1.07228	0.158086	0.728383	-1.3729	2.6445	1.84726	0.620915	1
cg05906871	ALDH18A1;ALDH18A1	0.0927994	0.566649	0.92231	-1.08423	0.0957478	0.774536	-1.2911	0.513901	0.911709	-1.09684	0.971857	0.995086	-1.00494	0.942674	1.01009	1.01009	0.511355	0.911185	-1.09747	0.00282379	0.563094	-1.7759	0.163979	0.81271	-1.23045	0.0983001	0.776331	-1.28811	2.64445	0.816586	0.274482	1
cg05506594	DST	0.0927995	0.182951	0.76966	-1.29927	0.21153	1.27615	1.27615	0.643008	0.91716	-1.09032	0.309795	1.21497	1.21497	0.582338	1.10839	1.10839	0.494015	1.13732	1.13732	0.00414438	2.03823	2.03823	0.139332	1.34279	1.34279	0.653697	1.08726	1.08726	2.64445	1.43752	0.483199	1
cg00136405	IL21;IL21	0.0927996	0.118853	0.331798	-3.01388	0.513856	0.649557	-1.53951	0.110115	0.321463	-3.11077	0.529965	0.660573	-1.51384	0.0484824	0.230137	-4.34523	0.988827	0.990916	-1.00917	0.00648106	0.0996142	-10.0387	0.347653	0.53249	-1.87797	0.0418893	0.216918	-4.61003	2.64445	17.7883	5.97925	1
cg14404763	BMP1;BMP1;BMP1;SFTPC	0.0927999	0.0995637	1.62114	1.62114	0.858839	1.0488	1.0488	0.328346	0.763358	-1.31	0.707512	1.10614	1.10614	0.0449291	1.85147	1.85147	0.0589302	1.76984	1.76984	0.0136864	2.26153	2.26153	0.149447	1.51238	1.51238	0.919126	0.973184	-1.02756	2.64444	3.0002	1.00847	1
cg00719626	RASAL3	0.0928007	0.0859768	0.293955	-3.40189	0.00951239	0.120075	-8.32812	0.0333958	0.201071	-4.97338	0.307623	0.505879	-1.97676	0.162746	0.382303	-2.61573	0.145834	0.365098	-2.73899	0.0648639	0.262405	-3.81091	0.0680297	0.267477	-3.73864	0.60462	0.713877	-1.4008	2.64444	17.4388	5.86181	1
cg27210565	CDC10L	0.092801	0.509163	1.24446	1.24446	0.189242	0.634962	-1.5749	0.0045364	3.43807	3.43807	0.455655	1.28165	1.28165	0.64124	1.16563	1.16563	0.500574	0.799882	-1.25018	0.745124	0.898951	-1.11241	0.162308	0.614325	-1.6278	0.771904	1.09958	1.09958	2.64443	4.46706	1.50154	1
cg06387842	CHRD	0.0928012	0.109965	3.22613	3.22613	0.0311976	5.47273	5.47273	0.162658	2.7238	2.7238	0.177624	2.61998	2.61998	0.784214	0.831492	-1.20266	0.381253	1.82898	1.82898	0.0251377	5.99296	5.99296	0.0543721	4.33883	4.33883	0.0296412	5.59153	5.59153	2.64443	18.9292	6.3628	1
cg05113000	EHBP1L1	0.0928019	0.0343137	0.532146	-1.87919	0.661286	0.893466	-1.11924	0.602383	1.14373	1.14373	0.0705668	0.596709	-1.67586	0.0276801	0.514227	-1.94467	0.354542	0.783994	-1.27552	0.197956	0.706336	-1.41576	0.0260516	0.509263	-1.96362	0.083967	0.613504	-1.62998	2.64442	2.73407	0.919024	1
cg24328844	RASSF8;RASSF8	0.0928021	0.384265	1.35965	1.35965	0.0221526	2.57175	2.57175	0.927177	1.03198	1.03198	0.0460492	2.19748	2.19748	0.285024	0.682205	-1.46584	0.528157	0.802439	-1.2462	0.0261895	2.48031	2.48031	0.188472	1.61586	1.61586	0.835043	1.07445	1.07445	2.64442	4.96704	1.66961	1
cg14430141	TNR	0.0928036	0.151363	4.65135	4.65135	0.0288957	13.1426	13.1426	0.0694517	7.6178	7.6178	0.108952	5.74238	5.74238	0.113729	5.5881	5.5881	0.114112	5.57618	5.57618	0.0361263	11.4346	11.4346	0.025821	14.1011	14.1011	0.0777664	7.09885	7.09885	2.6444	41.8699	14.0741	1
cg26846864	MEFV	0.0928081	0.0692774	0.191788	-5.21408	0.553132	1.62823	1.62823	0.430659	0.520175	-1.92243	0.152669	0.288043	-3.47171	0.0172301	0.0946211	-10.5685	0.0878063	0.216325	-4.62266	0.0227101	0.109045	-9.17054	0.143597	0.278899	-3.58552	0.168501	0.303521	-3.29466	2.64435	27.6508	9.29473	1
cg26586164	DTNB;DTNB;DTNB;DTNB;DTNB	0.0928118	0.421152	0.909595	-1.09939	0.271687	1.14103	1.14103	0.43749	1.09562	1.09562	0.00500862	1.53446	1.53446	0.198786	1.1695	1.1695	0.32179	1.12527	1.12527	0.133056	0.829557	-1.20546	0.656904	1.0529	1.0529	0.463202	1.08991	1.08991	2.6443	0.556797	0.187169	1
cg09335239	TRIM62	0.0928124	0.0261893	0.62132	-1.60948	0.262003	1.23494	1.23494	0.921769	1.01788	1.01788	0.41177	1.16348	1.16348	0.389998	0.853057	-1.17226	0.346607	1.19109	1.19109	0.0131834	1.74097	1.74097	0.764036	0.947132	-1.05582	0.79275	0.953602	-1.04866	2.64429	1.36328	0.458273	1
cg15939633	HDAC4	0.0928134	0.0547793	0.785802	-1.27259	0.899409	1.01409	1.01409	0.728162	0.962125	-1.03937	0.496162	0.926388	-1.07946	0.565035	1.06648	1.06648	0.495364	0.926253	-1.07962	0.00939817	1.4396	1.4396	0.116865	0.828191	-1.20745	0.609439	1.05867	1.05867	2.64428	0.512806	0.172383	1
cg05814100	RPTOR;RPTOR	0.092816	0.76033	1.06107	1.06107	0.0240488	1.68438	1.68438	0.930326	0.9832	-1.01709	0.962527	0.990939	-1.00914	0.645136	1.094	1.094	0.52613	1.13252	1.13252	0.00339606	2.16313	2.16313	0.999573	0.999896	-1.0001	0.698161	1.07842	1.07842	2.64425	1.57194	0.528421	1
cg00812246	BSND	0.0928189	0.44693	0.853652	-1.17144	0.0796763	0.672317	-1.48739	0.024666	0.579209	-1.72649	0.689289	0.921238	-1.0855	0.931601	1.01768	1.01768	0.593144	1.11637	1.11637	0.0782752	1.49077	1.49077	0.0336697	0.602666	-1.65929	0.579346	0.891992	-1.12109	2.64422	1.74491	0.586575	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03899708	ADAM6	0.092917	0.275501	0.716655	-1.39537	0.693362	0.890136	-1.12342	0.00906642	0.377596	-2.64834	0.330828	0.744773	-1.34269	0.029376	0.470694	-2.12452	0.0884556	0.57581	-1.73668	0.0266388	0.462314	-2.16303	0.322788	0.740866	-1.34977	0.542606	0.834434	-1.19842	2.64303	3.61021	1.21417	1
cg24137774	NAV2	0.0929177	0.0512054	0.0540141	-18.5137	0.0410483	0.0450949	-22.1755	0.0572185	0.0591393	-16.9092	0.444878	0.359246	-2.78361	0.033689	0.0383679	-26.0634	0.782423	1.43892	1.43892	0.0846907	0.0815543	-12.2618	0.0327045	0.0374472	-26.7043	0.389167	0.31348	-3.19	2.64302	72.3276	24.3249	1
cg23617676	LYPLA2	0.092918	0.0214476	0.257321	-3.8862	0.257754	0.559811	-1.78632	0.603819	0.773237	-1.29326	0.744057	0.851347	-1.17461	0.188793	0.504615	-1.98171	0.0750404	0.377612	-2.64822	0.01638	0.236613	-4.22632	0.0225651	0.261396	-3.82561	0.346755	0.621286	-1.60957	2.64302	10.1016	3.39733	1
cg01395047	TLR9	0.0929185	0.625193	0.863967	-1.15745	0.263044	1.41419	1.41419	0.0345288	0.480875	-2.07954	0.800538	1.07809	1.07809	0.0982353	0.583546	-1.71366	0.187277	0.660272	-1.51453	0.744217	1.10212	1.10212	0.354163	1.32726	1.32726	0.0175436	0.423821	-2.35949	2.64301	3.69239	1.24181	1
cg15101392	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.092923	0.317635	0.49829	-2.00687	0.0336326	5.33011	5.33011	0.205117	2.46336	2.46336	0.902016	0.9203	-1.0866	0.0541891	0.229124	-4.36445	0.720031	0.784507	-1.27469	0.405552	0.56336	-1.77506	0.0418504	0.205628	-4.86315	0.371793	0.538826	-1.85589	2.64296	19.0343	6.40167	1
cg10905012	NRXN2;NRXN2;NRXN2	0.0929259	0.453254	1.2784	1.2784	0.542009	1.21948	1.21948	0.0058411	3.1905	3.1905	0.471043	1.2658	1.2658	0.419554	0.767111	-1.30359	0.0861834	1.83942	1.83942	0.476466	1.26204	1.26204	0.15081	0.609588	-1.64045	0.699552	0.882796	-1.13277	2.64292	4.32555	1.4548	1
cg03325403	CSMD2	0.0929333	0.433132	0.824881	-1.2123	0.451394	0.831377	-1.20282	0.17356	0.705757	-1.41692	0.815757	0.945373	-1.05778	0.0488093	0.581856	-1.71864	0.130715	0.675172	-1.4811	0.23287	1.35131	1.35131	0.0552703	1.687	1.687	0.0572999	0.595973	-1.67793	2.64283	2.42458	0.81548	1
cg15039603	ITGB2;ITGB2	0.0929335	0.711897	1.12775	1.12775	0.600592	1.18674	1.18674	0.0149008	0.378896	-2.63924	0.816802	1.07811	1.07811	0.0133743	0.370478	-2.69921	0.290175	0.700622	-1.4273	0.0875408	0.542663	-1.84277	0.297368	0.704592	-1.41926	0.853606	0.941892	-1.06169	2.64283	4.39654	1.47873	1
cg08855249	MIR29C	0.0929344	0.218091	1.47359	1.47359	0.0137348	2.48862	2.48862	0.0635089	1.86709	1.86709	0.230761	1.45675	1.45675	0.732297	0.90235	-1.10822	0.311962	1.36754	1.36754	0.160612	1.56597	1.56597	0.304268	1.37491	1.37491	0.099085	0.582113	-1.71788	2.64282	3.74831	1.26071	1
cg03637218	AP3S1	0.0929347	0.335379	0.710102	-1.40825	0.379828	1.36406	1.36406	0.198182	1.59785	1.59785	0.027045	2.4647	2.4647	0.156927	1.68491	1.68491	0.771492	1.10556	1.10556	0.368899	1.37442	1.37442	0.00661746	3.36968	3.36968	0.53222	1.24362	1.24362	2.64282	4.97087	1.67191	1
cg06567829	ANKRD11	0.0929351	0.810759	0.889759	-1.1239	0.25241	1.78985	1.78985	0.266096	1.75812	1.75812	0.409054	1.50853	1.50853	0.521446	0.728753	-1.37221	0.304446	0.595797	-1.67842	0.0576586	0.351619	-2.84399	0.012247	4.56977	4.56977	0.274147	1.74033	1.74033	2.64281	9.92393	3.33784	1
cg26687842	LOC646982;LOC646982;LOC646982	0.0929376	0.40275	0.875807	-1.1418	0.198131	0.810069	-1.23446	0.452016	0.888111	-1.12599	0.889889	1.02168	1.02168	0.577251	0.916489	-1.09112	0.125275	1.29299	1.29299	0.010052	1.65388	1.65388	0.195214	1.23636	1.23636	0.232937	0.823906	-1.21373	2.64278	1.00384	0.337636	1
cg00583046	HCG22	0.0929379	0.00822041	0.241113	-4.14744	0.224506	0.584599	-1.71057	0.492696	0.745912	-1.34064	0.892567	1.0585	1.0585	0.0586371	0.407076	-2.45654	0.516235	1.31909	1.31909	0.355857	1.49121	1.49121	0.831702	1.09367	1.09367	0.0827255	0.445535	-2.24449	2.64278	7.40965	2.49221	1
cg22848927	PIP5K1C	0.0929379	0.610304	1.08983	1.08983	0.00644801	1.80918	1.80918	0.0948146	1.35969	1.35969	0.465803	1.13226	1.13226	0.943375	1.01196	1.01196	0.0792962	1.38544	1.38544	0.997263	1.00057	1.00057	0.433465	0.874793	-1.14313	0.255631	0.819868	-1.21971	2.64278	1.17234	0.394314	1
cg11280661	PTPRG	0.092939	0.0518069	0.316194	-3.16261	0.208585	1.99314	1.99314	0.401909	1.5626	1.5626	0.291026	0.565483	-1.7684	0.670071	0.800131	-1.2498	0.353561	0.608585	-1.64315	0.0326453	3.67204	3.67204	0.365968	1.62134	1.62134	0.0802698	2.74437	2.74437	2.64276	11.3301	3.81084	1
cg08609400	SPG7;SPG7	0.0929393	0.152178	0.661349	-1.51206	0.213462	0.702478	-1.42353	0.0297256	0.501738	-1.99307	0.20247	0.695777	-1.43724	0.906643	0.968871	-1.03213	0.512477	1.1961	1.1961	0.0246002	2.05774	2.05774	0.749718	0.917342	-1.09011	0.484211	1.21122	1.21122	2.64276	3.04132	1.02294	1
cg01370384	FAM131A	0.0929395	0.575586	0.741387	-1.34882	0.0143649	4.9361	4.9361	0.0163096	4.72872	4.72872	0.751687	1.18286	1.18286	0.144265	0.436144	-2.29282	0.761218	1.17497	1.17497	0.803738	0.876579	-1.1408	0.590643	1.33279	1.33279	0.379559	1.61105	1.61105	2.64276	11.7143	3.9401	1
cg04607412	PRR5;PRR5;PRR5;PRR5	0.0929397	0.955833	1.04125	1.04125	0.235535	2.47746	2.47746	0.237968	0.405719	-2.46476	0.819219	0.846145	-1.18183	0.464111	0.580551	-1.7225	0.0235067	0.138839	-7.20258	0.0397548	0.176398	-5.669	0.0200093	0.128926	-7.75641	0.385633	0.522529	-1.91377	2.64276	22.2909	7.49752	1
cg02600394	TXK;TXK	0.0929418	0.0889639	0.351756	-2.84288	0.00699928	0.143352	-6.97584	0.0364079	0.258051	-3.87521	0.507749	0.687801	-1.45391	0.134299	0.406863	-2.45783	0.203375	0.473413	-2.11232	0.109915	0.378888	-2.6393	0.0859901	0.347602	-2.87686	0.791019	0.862503	-1.15942	2.64273	12.9833	4.36698	1
cg12171875	PDE12	0.0929423	0.00660636	0.265745	-3.763	0.423891	1.35926	1.35926	0.452741	0.750157	-1.33305	0.22739	1.61	1.61	0.771948	1.1154	1.1154	0.323478	0.681648	-1.46703	0.112549	0.522453	-1.91405	0.908036	1.04439	1.04439	0.119329	0.529813	-1.88746	2.64272	5.91142	1.98833	1
cg19759671	MGC45800	0.0929425	0.0773731	14.6186	14.6186	0.405978	3.1946	3.1946	0.922318	0.875244	-1.14254	0.249037	5.18618	5.18618	0.0571534	18.9162	18.9162	0.108484	10.9348	10.9348	0.0104414	81.8194	81.8194	0.043115	24.0264	24.0264	0.0913025	12.6872	12.6872	2.64272	78.1185	26.2754	1
cg27631794	ANKRD52	0.0929432	0.53949	0.897071	-1.11474	0.185306	1.2784	1.2784	0.012992	1.71424	1.71424	0.0926658	1.382	1.382	0.181584	1.28141	1.28141	0.949936	1.01104	1.01104	0.226033	0.800686	-1.24893	0.444634	0.87262	-1.14597	0.249263	0.810133	-1.23437	2.64271	1.27963	0.430411	1
cg08707471	CHL1	0.0929441	0.412143	1.59664	1.59664	0.0523432	3.42561	3.42561	0.0432258	3.66046	3.66046	0.191974	2.16126	2.16126	0.0441846	0.275275	-3.63274	0.564309	1.38428	1.38428	0.461892	0.658415	-1.5188	0.440685	1.55077	1.55077	0.286337	0.539118	-1.85488	2.6427	13.0316	4.38325	1
cg04653284	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.0929443	0.0639807	0.489309	-2.0437	0.010749	0.332738	-3.00537	0.914158	1.03771	1.03771	0.0228408	0.392548	-2.54746	0.416533	0.751953	-1.32987	0.842676	0.934051	-1.07061	0.0582004	0.479517	-2.08543	0.923859	0.967712	-1.03337	0.726952	0.886603	-1.1279	2.6427	4.93358	1.65944	1
cg18194738	RGS12;RGS12;RGS12	0.092945	0.618544	1.09093	1.09093	0.439852	0.872334	-1.14635	0.545747	0.899419	-1.11183	0.60746	0.914082	-1.09399	0.00451165	0.518803	-1.92751	0.424799	0.868217	-1.15179	0.254997	1.22881	1.22881	0.392132	1.16416	1.16416	0.0993446	0.731103	-1.3678	2.64269	1.2581	0.423171	1
cg18347226	LOC285375	0.0929459	0.158746	2.24797	2.24797	0.52534	1.41353	1.41353	0.197248	2.08129	2.08129	0.123818	2.45039	2.45039	0.834332	1.11921	1.11921	0.0280342	4.03696	4.03696	0.03804	0.274396	-3.64437	0.966783	0.977856	-1.02264	?	?	?	2.67292	10.8808	4.07076	1
cg02228037	LOC389634	0.0929488	0.579684	0.924151	-1.08207	0.068653	1.33289	1.33289	0.0706462	1.32954	1.32954	0.812393	0.967032	-1.03409	0.0768992	0.757773	-1.31966	0.83187	0.970468	-1.03043	0.115306	0.785524	-1.27304	0.833406	0.970739	-1.03014	0.0554548	1.35808	1.35808	2.64265	0.832059	0.279874	1
cg13483916	BCL6	0.0929489	0.853396	0.884532	-1.13054	0.0683165	0.258253	-3.87217	0.024853	5.87902	5.87902	0.190363	0.398576	-2.50893	0.640079	0.73171	-1.36666	0.197742	2.46709	2.46709	0.113065	3.13906	3.13906	0.230986	2.30122	2.30122	0.309619	2.00853	2.00853	2.64264	18.4141	6.19382	1
cg20045888	DCLK2;DCLK2;DCLK2;DCLK2	0.092949	0.194467	0.593272	-1.68557	0.352745	1.43868	1.43868	0.960336	0.981261	-1.0191	0.791242	0.904014	-1.10618	0.447668	0.745004	-1.34227	0.104074	0.508659	-1.96595	0.0939416	2.01487	2.01487	0.445268	1.34445	1.34445	0.0119932	3.29409	3.29409	2.64264	6.0557	2.03692	1
cg07670736	ALG14	0.0929494	0.133042	0.359689	-2.78018	0.0152473	0.152593	-6.55339	0.159899	0.38774	-2.57905	0.413664	0.590223	-1.69427	0.106947	0.329447	-3.03539	0.0875049	0.304186	-3.28746	0.0156844	0.15434	-6.47918	0.0541399	0.251836	-3.97083	0.395374	0.577426	-1.73182	2.64264	16.6601	5.60385	1
cg04142010	PDGFD;PDGFD	0.0929497	0.521668	1.32904	1.32904	0.0098674	0.23974	-4.17118	0.052974	0.38167	-2.62006	0.593128	0.789613	-1.26644	0.137576	0.496395	-2.01452	0.946955	1.02957	1.02957	0.835237	0.912819	-1.09551	0.136217	0.495008	-2.02017	0.0415543	0.357281	-2.79892	2.64263	8.02856	2.70052	1
cg04420878	RPS20;SNORD54;RPS20	0.0929508	0.0385724	0.636198	-1.57184	0.0809621	0.694059	-1.4408	0.0436662	1.54914	1.54914	0.264768	0.803032	-1.24528	0.328021	1.20991	1.20991	0.886509	0.973408	-1.02732	0.118093	0.725959	-1.37749	0.416248	0.854864	-1.16978	0.281426	0.80955	-1.23525	2.64262	1.49079	0.501453	1
cg01358966	RRN3P2	0.0929509	0.0978914	2.64274	2.64274	0.201992	2.05655	2.05655	0.0899148	2.71948	2.71948	0.928084	1.0495	1.0495	0.293423	0.558053	-1.79194	0.303698	1.76852	1.76852	0.00633909	6.69988	6.69988	0.698488	1.23162	1.23162	0.125519	2.42871	2.42871	2.64262	11.9886	4.03255	1
cg24284036	DNAH10	0.0929523	0.828099	0.924778	-1.08134	0.269104	0.661076	-1.51269	0.0127368	0.328547	-3.0437	0.2936	1.4796	1.4796	0.0814294	0.499296	-2.00282	0.387702	1.3749	1.3749	0.0451189	0.437496	-2.28574	0.617833	1.19828	1.19828	0.4252	0.746138	-1.34023	2.6426	5.4124	1.82056	1
cg02060698	FOXO3;FOXO3	0.0929534	0.10225	0.752629	-1.32868	0.224229	0.816369	-1.22494	0.123709	1.30337	1.30337	0.0636756	0.717985	-1.39279	0.784832	0.957441	-1.04445	0.0770789	0.731701	-1.36668	0.866901	0.973696	-1.02701	0.778593	0.956197	-1.04581	0.0504515	1.42517	1.42517	2.64259	1.05692	0.355515	1
cg07489121	FBXO34;FBXO34	0.0929534	0.765214	0.937224	-1.06698	0.0507971	0.617729	-1.61883	0.0212937	0.549278	-1.82057	0.695759	1.0888	1.0888	0.579903	1.12866	1.12866	0.596152	0.890674	-1.12275	0.0265139	1.76708	1.76708	0.762987	0.936627	-1.06766	0.75199	0.933673	-1.07104	2.64259	1.96124	0.659703	1
cg16315155	KIR2DL3;KIR2DL3	0.0929534	0.013206	0.209599	-4.77102	0.0213118	0.244733	-4.08608	0.0457916	0.312031	-3.20481	0.40582	0.648825	-1.54125	0.0385747	0.295571	-3.38328	0.177268	0.482191	-2.07387	0.456121	0.679717	-1.4712	0.347035	0.611077	-1.63646	0.224717	0.522742	-1.91299	2.64259	10.8287	3.64245	1
cg22577136	IKBKE	0.0929559	0.144187	0.58348	-1.71386	0.138645	1.72881	1.72881	0.0228787	0.392608	-2.54707	0.020137	0.381908	-2.61843	0.82684	1.07814	1.07814	0.787161	1.09739	1.09739	0.957748	0.981971	-1.01836	0.176197	0.610295	-1.63855	0.991652	0.996414	-1.0036	2.64256	4.93548	1.66017	1
cg22539584	CAPNS1;CAPNS1	0.0929572	0.488465	0.85325	-1.17199	0.0406649	1.70395	1.70395	0.0781326	1.55483	1.55483	0.101924	1.49738	1.49738	0.0840467	0.649814	-1.5389	0.243224	1.31701	1.31701	0.184687	0.728145	-1.37335	0.589809	0.8845	-1.13058	0.985815	1.00402	1.00402	2.64254	2.12821	0.715878	1
cg08690028	PROC	0.0929575	0.0477891	0.57943	-1.72583	0.841625	1.04942	1.04942	0.186863	0.713645	-1.40126	0.252608	0.749653	-1.33395	0.00331239	0.381169	-2.62351	0.459684	0.833999	-1.19904	0.214033	0.729454	-1.37089	0.831904	0.950037	-1.05259	0.910312	0.973194	-1.02754	2.64254	2.43341	0.818542	1
cg16020904	SPATA20	0.0929577	0.791152	1.15598	1.15598	0.001971	10.8948	10.8948	0.0760091	2.93979	2.93979	0.361169	1.66971	1.66971	0.564208	1.37486	1.37486	0.432517	1.54876	1.54876	0.23204	1.98283	1.98283	0.682169	1.25216	1.25216	0.445375	1.52938	1.52938	2.64254	12.483	4.19899	1
cg11295469	RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RPL23AP82	0.092958	0.410031	1.48329	1.48329	0.446672	1.43759	1.43759	0.49219	1.38602	1.38602	0.838831	1.09999	1.09999	0.473884	0.711165	-1.40614	0.110468	0.443104	-2.25681	?	?	?	0.00531012	0.179223	-5.57963	0.889469	0.937	-1.06724	2.67277	8.24	3.08294	1
cg27507687	COL7A1	0.0929592	0.161921	0.279795	-3.57404	0.0715253	5.56395	5.56395	0.521271	0.574386	-1.74099	0.0356339	8.05004	8.05004	0.0877386	0.200421	-4.98949	0.601145	0.637732	-1.56806	0.344751	0.436062	-2.29325	0.106732	0.222681	-4.49072	0.7637	0.773264	-1.29322	2.64252	30.4413	10.2398	1
cg11396122	OR7E24	0.0929593	0.441355	0.775577	-1.28936	0.043419	0.471475	-2.121	0.0240445	0.418439	-2.38983	0.283082	1.43482	1.43482	0.0325296	0.444847	-2.24797	0.213042	0.654086	-1.52885	0.60261	1.18536	1.18536	0.707131	0.884988	-1.12996	0.123344	0.582555	-1.71658	2.64252	4.38566	1.47524	1
cg17767596	HIST1H2AM;HIST1H2BO	0.0929596	0.24517	0.790329	-1.2653	0.707113	0.929541	-1.0758	0.801349	0.952372	-1.05001	0.191406	0.765111	-1.307	0.491776	1.14472	1.14472	0.71106	0.930509	-1.07468	0.0190311	1.73237	1.73237	0.254711	1.25885	1.25885	0.0242144	1.6822	1.6822	2.64252	1.56811	0.527481	1
cg18203466	C10orf81	0.0929612	0.619002	0.761583	-1.31305	0.204717	2.06898	2.06898	0.231333	1.97803	1.97803	0.0340868	0.260887	-3.83307	0.0191298	0.214269	-4.66704	0.89638	1.07336	1.07336	0.241824	1.94564	1.94564	0.406592	1.58607	1.58607	0.731331	1.20594	1.20594	2.6425	12.3535	4.15548	1
cg21513991	SLC12A7	0.0929623	0.227343	0.638596	-1.56593	0.0141468	0.342516	-2.91957	0.394537	1.36152	1.36152	0.517621	0.792839	-1.26129	0.108097	0.537739	-1.85964	0.0911117	0.517602	-1.93199	0.0895942	1.93921	1.93921	0.695378	0.870004	-1.14942	0.406069	0.740233	-1.35093	2.64248	5.24091	1.76296	1
cg24865132	GNPAT;C1orf131	0.0929634	0.0255669	0.635681	-1.57312	0.0187995	0.614996	-1.62603	0.33152	0.842733	-1.18662	0.126562	1.32612	1.32612	0.308841	0.835375	-1.19707	0.664485	0.92818	-1.07738	0.182272	0.785242	-1.27349	0.173704	0.780993	-1.28042	0.700233	1.0683	1.0683	2.64247	1.22067	0.410616	1
cg16556656	ANKRD11	0.0929638	0.347374	0.761967	-1.31239	0.423817	0.794922	-1.25799	0.0818231	0.581697	-1.71911	0.250219	0.713487	-1.40157	0.00476479	0.348916	-2.86602	0.0527437	0.538673	-1.85642	0.437588	0.800531	-1.24917	0.512386	1.20524	1.20524	0.943182	1.02023	1.02023	2.64246	3.30367	1.11131	1
cg10610348	TIMM13	0.0929665	0.55376	0.930845	-1.07429	0.350149	1.12194	1.12194	0.142916	0.8283	-1.20729	0.835417	1.0252	1.0252	0.217162	1.16806	1.16806	0.0513236	1.30403	1.30403	0.0691402	0.78404	-1.27544	0.107933	1.2335	1.2335	0.0934623	1.24698	1.24698	2.64243	0.599027	0.201507	1
cg15475967	AGRN	0.0929666	0.089065	0.680754	-1.46896	0.416221	0.843329	-1.18578	0.828048	0.956372	-1.04562	0.370903	1.20734	1.20734	0.568518	0.888526	-1.12546	0.400154	1.19317	1.19317	0.0101519	1.9443	1.9443	0.783698	0.945134	-1.05805	0.0950221	0.68646	-1.45675	2.64243	1.75996	0.592036	1
cg12269343	SEL1L	0.0929672	0.196333	1.39512	1.39512	0.0280568	1.88208	1.88208	0.00709366	2.33462	2.33462	0.465585	0.834445	-1.1984	0.390943	1.23892	1.23892	0.895159	0.968377	-1.03266	0.579565	1.14613	1.14613	0.230807	1.35849	1.35849	0.121283	1.50597	1.50597	2.64242	2.48599	0.836266	1
cg14855519	EBF2	0.0929678	0.617945	1.81518	1.81518	0.0104932	0.0219568	-45.5441	0.119631	0.135043	-7.40507	0.157987	5.98783	5.98783	0.449238	0.400816	-2.49491	0.86667	0.819365	-1.22046	0.125123	7.15763	7.15763	0.341218	3.19895	3.19895	0.806334	1.33806	1.33806	2.64242	58.8306	19.7902	1
cg26017457	MED11	0.0929688	0.0992066	0.738069	-1.35489	0.32242	0.842177	-1.1874	0.378671	1.1639	1.1639	0.310846	0.838445	-1.19268	0.0191658	0.621085	-1.61008	0.849469	0.968575	-1.03244	0.127532	1.31904	1.31904	0.140002	1.30582	1.30582	0.391233	1.15907	1.15907	2.6424	1.18179	0.397546	1
cg01349336	HSD17B10;HSD17B10	0.0929704	0.0663567	0.309709	-3.22884	0.938721	1.04474	1.04474	0.562224	0.716383	-1.3959	0.457465	0.650046	-1.53835	0.0499201	0.280042	-3.57089	0.172361	0.437451	-2.28597	0.0170386	0.190932	-5.23747	0.018072	0.195041	-5.12714	0.127653	0.391557	-2.55391	2.64238	13.5599	4.56149	1
cg22651478	OSMR;OSMR	0.0929709	0.0310963	1.83399	1.83399	0.895337	0.968945	-1.03205	0.636122	0.89205	-1.12101	0.153722	1.44206	1.44206	0.892698	1.03288	1.03288	0.112992	1.51204	1.51204	0.0378294	0.561446	-1.78111	0.500611	1.17805	1.17805	0.171679	0.70556	-1.41731	2.64238	2.40419	0.808764	1
cg00473051	BCOR;BCOR;BCOR;BCOR	0.0929737	0.0709037	0.345036	-2.89825	0.81521	0.883859	-1.1314	0.290829	0.560985	-1.78258	0.0162193	0.212131	-4.71408	0.0144703	0.20413	-4.89885	0.669171	0.797185	-1.25441	0.413356	0.643392	-1.55426	0.477758	0.683431	-1.46321	0.033228	0.269124	-3.71575	2.64234	11.6377	3.91495	1
cg03630756	TGFB1	0.0929756	0.984019	1.00284	1.00284	0.0860814	0.76465	-1.30779	0.190598	0.821938	-1.21664	0.123721	1.26602	1.26602	0.500591	1.10156	1.10156	0.525964	1.09518	1.09518	0.0216089	1.4774	1.4774	0.116772	0.785765	-1.27264	0.524706	0.912833	-1.09549	2.64232	0.837691	0.281803	1
cg08559459	ARL13B;ARL13B	0.0929771	0.168503	0.579447	-1.72578	0.0201112	0.352503	-2.83686	0.0441512	0.423204	-2.36293	0.984126	0.992629	-1.00743	0.652399	0.844831	-1.18367	0.382973	0.716981	-1.39474	0.169661	0.580415	-1.7229	0.123969	1.85805	1.85805	0.0690116	0.469224	-2.13118	2.6423	5.7874	1.94692	1
cg19795556	BICC1	0.0929772	0.343359	0.391304	-2.55556	0.163398	4.17782	4.17782	0.983315	1.0203	1.0203	0.270662	0.332078	-3.01134	0.0445432	0.108902	-9.18253	0.494459	0.513306	-1.94816	0.011347	0.0475049	-21.0505	0.232892	3.32792	3.32792	0.825751	0.809019	-1.23606	2.6423	38.6634	13.0066	1
cg12726354	OCA2	0.0929773	0.200988	0.456355	-2.19128	0.198499	2.20191	2.20191	0.255476	1.99287	1.99287	0.105217	2.79617	2.79617	0.089743	2.96385	2.96385	0.826843	0.880508	-1.13571	0.115738	2.69966	2.69966	0.0164334	5.49079	5.49079	0.399709	0.606067	-1.64998	2.6423	14.1197	4.74998	1
cg27505472	RALB	0.0929775	0.117331	4.75536	4.75536	0.106674	5.02636	5.02636	0.0825504	5.82758	5.82758	0.110877	4.91473	4.91473	0.0452145	8.2157	8.2157	0.186667	3.608	3.608	0.0130135	16.8537	16.8537	0.0319503	10.0143	10.0143	0.181466	3.67045	3.67045	2.6423	35.1633	11.8292	1
cg17315331	HINFP;HINFP	0.092978	0.0806087	1.56636	1.56636	0.0684828	1.60371	1.60371	0.10128	1.51518	1.51518	0.161085	0.707059	-1.41431	0.190844	0.72559	-1.37819	0.990409	1.00279	1.00279	0.930887	1.02029	1.02029	0.414188	1.21325	1.21325	0.0653501	0.619358	-1.61457	2.64229	2.24434	0.755016	1
cg25422758	TSPAN12	0.0929786	0.374139	0.874032	-1.14412	0.138509	1.26537	1.26537	0.0689549	1.35036	1.35036	0.779733	1.04225	1.04225	0.356687	0.869437	-1.15017	0.946785	0.990197	-1.0099	0.0595725	1.36863	1.36863	0.148682	0.795641	-1.25685	0.0558128	0.726304	-1.37683	2.64229	0.911526	0.306646	1
cg24466109	FIP1L1;FIP1L1;FIP1L1	0.0929794	0.0419531	0.364061	-2.74679	0.14705	1.95578	1.95578	0.0421986	2.7425	2.7425	0.0804862	0.433565	-2.30646	0.39714	0.688149	-1.45317	0.151221	0.515317	-1.94055	0.579031	0.785386	-1.27326	0.899115	1.0562	1.0562	0.869652	1.07336	1.07336	2.64228	7.77611	2.61596	1
cg16572603	PCDHGA2;PCDHGA3;PCDHGA3;PCDHGA1	0.0929803	0.0365557	3.79033	3.79033	0.054935	3.29924	3.29924	0.156693	2.2951	2.2951	0.54408	1.40038	1.40038	0.149184	2.33563	2.33563	0.270812	1.87529	1.87529	0.0358101	3.81708	3.81708	0.0147815	5.1812	5.1812	0.0766897	2.94405	2.94405	2.64227	12.5862	4.23413	1
cg12651645	PCSK6;PCSK6	0.0929815	0.160056	0.354759	-2.81882	0.963587	0.968973	-1.03202	0.0720124	0.249953	-4.00075	0.708801	0.771812	-1.29565	0.0126057	0.117468	-8.51292	0.133844	0.327499	-3.05344	0.0191351	0.141206	-7.08186	0.832921	1.15702	1.15702	0.136966	0.33087	-3.02234	2.64225	19.9473	6.71054	1
cg15361251	WWC2	0.0929818	0.585429	1.18263	1.18263	0.0363922	0.476761	-2.09749	0.0540382	0.513784	-1.94634	0.998215	1.00068	1.00068	0.553044	1.20051	1.20051	0.586699	1.18194	1.18194	0.0174393	2.41417	2.41417	0.985611	0.994523	-1.00551	0.790881	0.922257	-1.0843	2.64225	3.88081	1.30556	1
cg19149125	PROSC	0.092984	0.708947	1.10372	1.10372	0.564687	0.857932	-1.16559	0.144069	1.51143	1.51143	0.766436	1.08156	1.08156	0.00395848	0.360595	-2.77319	0.15233	0.66795	-1.49712	0.506877	0.837584	-1.19391	0.76904	1.08058	1.08058	0.513373	0.839913	-1.1906	2.64222	2.89885	0.975224	1
cg18137244	CHST12	0.092988	0.756268	1.08351	1.08351	0.500907	0.838623	-1.19243	0.658795	1.12129	1.12129	0.348877	0.780015	-1.28203	0.378911	0.792506	-1.26182	0.60341	0.873699	-1.14456	0.0152455	0.4641	-2.15471	0.0155132	0.465432	-2.14854	0.0352233	0.531599	-1.88112	2.64217	2.77717	0.934306	1
cg27068143	HTR2A;HTR2A	0.0929898	0.967179	1.02002	1.02002	0.0156796	4.1655	4.1655	0.0890924	2.46764	2.46764	0.878408	1.07654	1.07654	0.11611	0.439267	-2.27652	0.824601	1.11286	1.11286	0.0611685	0.36191	-2.76312	0.526985	0.734342	-1.36176	0.942898	1.03511	1.03511	2.64215	9.71085	3.26698	1
cg19280225	FBXL12	0.0929917	0.274534	1.73974	1.73974	0.196768	1.9439	1.9439	0.00841031	5.1516	5.1516	0.623546	0.785883	-1.27245	0.150358	0.47195	-2.11887	?	?	?	0.53008	0.733597	-1.36315	0.368537	0.637733	-1.56805	0.959451	0.975541	-1.02507	2.67235	8.92446	3.33955	1
cg19617672	WNT16;WNT16;WNT16	0.0929931	0.0897066	4.15377	4.15377	0.0987051	3.96784	3.96784	0.0950167	4.04099	4.04099	0.356357	2.05882	2.05882	0.410736	1.89708	1.89708	0.572885	0.648126	-1.54291	0.572236	0.647641	-1.54406	0.00682158	14.4096	14.4096	0.147073	3.2689	3.2689	2.64211	24.2468	8.15738	1
ch.6.839713R	RPS10	0.0929959	0.00333108	0.495287	-2.01903	0.555992	1.11039	1.11039	0.23741	1.24313	1.24313	0.775381	0.950942	-1.05159	0.657062	1.08174	1.08174	0.346431	1.18588	1.18588	0.647006	1.08445	1.08445	0.489607	1.13135	1.13135	0.55755	1.10992	1.10992	2.64208	1.29366	0.435234	1
cg05280750	PLAC2	0.0929977	0.368109	0.569321	-1.75648	0.753834	1.21129	1.21129	0.43049	1.63284	1.63284	0.503426	0.66116	-1.51249	0.0451474	0.246466	-4.05736	0.46411	0.635059	-1.57466	0.0250002	0.196907	-5.07855	0.0373775	4.35812	4.35812	0.592388	0.719426	-1.39	2.64206	15.5365	5.22706	1
cg07488365	COX6B1	0.0929979	0.786961	0.963596	-1.03778	0.638461	1.06693	1.06693	0.621345	1.07054	1.07054	0.8722	0.978203	-1.02228	0.225501	1.19035	1.19035	0.0621979	1.33296	1.33296	0.00751736	1.60148	1.60148	0.32829	0.870987	-1.14812	0.182476	0.823916	-1.21372	2.64205	0.784155	0.26382	1
cg27641317	FIGLA	0.0929988	0.0359864	2.96879	2.96879	0.500952	0.737337	-1.35623	0.249161	0.584328	-1.71137	0.843739	0.915731	-1.09202	0.737458	1.16192	1.16192	0.0670274	0.400217	-2.49865	0.0161509	0.269064	-3.71659	0.831871	1.09948	1.09948	0.876644	1.07175	1.07175	2.64204	8.32628	2.80129	1
cg03157149	GDI2;GDI2	0.0929995	0.112722	0.742495	-1.34681	0.518447	1.11951	1.11951	0.602796	0.913439	-1.09476	0.405786	0.863577	-1.15797	0.453111	0.876516	-1.14088	0.245802	0.811129	-1.23285	0.0384222	1.51232	1.51232	0.674792	0.929813	-1.07549	0.0133447	0.589434	-1.69654	2.64203	1.24439	0.418663	1
cg12940558	CD164;CD164;CD164;CD164;CD164	0.0930014	0.805436	1.23567	1.23567	0.440261	1.97227	1.97227	?	?	?	?	?	?	0.00620808	0.0337919	-29.5929	0.538565	1.70903	1.70903	0.47739	0.536484	-1.86399	0.775198	0.782252	-1.27836	0.204616	0.310492	-3.22069	3.12745	26.9383	7.38302	1
cg04726374	PTRF	0.0930023	0.115298	0.372816	-2.68229	0.132485	0.392388	-2.54849	0.0558215	0.28691	-3.48541	0.149171	0.410083	-2.43853	0.0303642	0.230672	-4.33516	0.0679103	0.307792	-3.24894	0.0143549	0.175627	-5.69389	0.0764865	0.321235	-3.11299	0.239385	0.491646	-2.03399	2.642	13.8957	4.67514	1
cg26344024	FOXP1;FOXP1	0.0930025	0.0626234	0.281643	-3.5506	0.00775389	0.126434	-7.90926	0.0597211	0.276661	-3.61453	0.606007	1.36979	1.36979	0.249162	0.482663	-2.07184	0.202952	0.443601	-2.25428	0.112623	0.35187	-2.84196	0.18231	0.424844	-2.35381	0.941875	1.04509	1.04509	2.642	15.3041	5.14901	1
cg09690040	CHCHD6	0.0930027	0.236401	0.583354	-1.71423	0.781755	0.886351	-1.12822	0.0506734	0.380093	-2.63094	0.416485	1.43441	1.43441	0.013534	0.265102	-3.77214	0.434035	0.706964	-1.4145	0.0877313	0.440984	-2.26765	0.185316	1.84079	1.84079	0.289383	0.620186	-1.61242	2.642	7.89657	2.65677	1
cg27083040	MIR145;LOC728264	0.0930035	0.0358087	0.409205	-2.44376	0.790414	1.10235	1.10235	0.0186472	0.352313	-2.83838	0.138213	0.557707	-1.79306	0.12021	0.539752	-1.8527	0.0610089	0.461888	-2.16503	0.205471	0.613447	-1.63013	0.0701647	0.476832	-2.09718	0.0708663	0.477915	-2.09242	2.64199	5.60001	1.88411	1
cg12161982	ARHGAP22	0.0930114	0.0944515	0.397684	-2.51456	0.00319469	0.132765	-7.5321	0.0637921	0.351629	-2.8439	0.463247	0.687629	-1.45427	0.358372	0.622665	-1.606	0.169889	0.480308	-2.082	0.9762	0.985148	-1.01508	0.333329	0.6062	-1.64962	0.839582	0.90333	-1.10701	2.64189	10.5274	3.54204	1
cg00453864	TMPRSS9	0.0930139	0.576128	0.839512	-1.19117	0.0726345	1.85954	1.85954	0.612984	0.853866	-1.17114	0.973381	1.01039	1.01039	0.00544356	0.322195	-3.10371	0.125811	0.598659	-1.6704	0.474937	0.798484	-1.25237	0.366794	0.750391	-1.33264	0.476895	0.799307	-1.25108	2.64186	4.01384	1.35051	1
cg01445689	WDR60	0.0930146	0.604026	0.681927	-1.46643	0.0937236	3.85233	3.85233	0.00366187	0.0563955	-17.7319	0.973508	1.0246	1.0246	0.894788	1.10166	1.10166	0.453748	0.572115	-1.7479	0.499884	1.65055	1.65055	0.873937	1.1232	1.1232	0.729879	1.28869	1.28869	2.64185	22.4016	7.53735	1
cg16242888	UBAP1;UBAP1;UBAP1;UBAP1;UBAP1;UBAP1	0.0930166	0.882567	1.02294	1.02294	0.00411632	1.80508	1.80508	0.327086	1.16797	1.16797	0.943304	1.01098	1.01098	0.12877	1.28652	1.28652	0.336171	0.85882	-1.16439	0.325932	0.855849	-1.16843	0.947315	0.989909	-1.01019	0.252583	1.2013	1.2013	2.64183	0.985491	0.331586	1
cg23920016	NOS1AP;NOS1AP	0.0930173	0.127271	0.535728	-1.86662	0.0531731	0.435427	-2.2966	0.0898299	0.49279	-2.02926	0.138432	0.546787	-1.82887	0.0209247	0.349352	-2.86245	0.416235	0.73018	-1.36953	0.074155	0.470903	-2.12358	0.899187	1.04914	1.04914	0.0221737	0.354217	-2.82313	2.64182	5.99297	2.01645	1
cg25593258	ATP2A2;ATP2A2;ATP2A2;ATP2A2;ATP2A2;ATP2A2	0.0930183	0.35508	1.64811	1.64811	0.47728	1.46056	1.46056	0.536034	1.38863	1.38863	0.0439635	0.290142	-3.44658	0.0206182	0.222705	-4.49025	0.345499	1.66587	1.66587	0.166699	2.17859	2.17859	?	?	?	0.924567	0.951682	-1.05077	2.84526	10.7225	3.29748	1
cg07155478	BDH1;BDH1;BDH1	0.0930184	0.167923	0.79499	-1.25788	0.807111	1.03893	1.03893	0.399847	0.874115	-1.14401	0.541553	1.10128	1.10128	0.105561	0.758792	-1.31788	0.754446	1.0502	1.0502	0.00378052	0.543355	-1.84042	0.748843	1.05143	1.05143	0.245214	0.827162	-1.20895	2.64181	1.01969	0.343094	1
cg04321088	EDC3;EDC3;EDC3	0.0930195	0.057718	0.660942	-1.51299	0.0389269	1.58613	1.58613	0.982404	1.00426	1.00426	0.779899	1.05555	1.05555	0.260838	0.797482	-1.25395	0.0249421	1.67347	1.67347	0.297525	0.811883	-1.2317	0.908424	1.02245	1.02245	0.797484	0.951591	-1.05087	2.64179	1.55796	0.524211	1
cg19616230	SLC34A2	0.0930204	0.0461903	5.62452	5.62452	0.840935	1.16409	1.16409	0.389821	1.94699	1.94699	0.170922	3.01136	3.01136	0.3007	0.444488	-2.24978	0.222134	2.63836	2.63836	0.0190394	8.55213	8.55213	0.0469643	5.58082	5.58082	0.0681188	4.68606	4.68606	2.64178	23.9193	8.04821	1
cg19046189	HSD17B14	0.0930206	0.188534	0.666401	-1.5006	0.177218	1.51862	1.51862	0.142766	1.58232	1.58232	0.939492	0.978127	-1.02236	0.0285687	0.471156	-2.12244	0.729568	1.10638	1.10638	0.127127	0.618396	-1.61709	0.411255	1.27732	1.27732	0.0704993	0.55495	-1.80196	2.64178	3.55074	1.19473	1
cg21057435	KIRREL2;KIRREL2;KIRREL2	0.0930208	0.528511	0.917043	-1.09046	0.0330379	0.71316	-1.40221	0.169435	0.81995	-1.21959	0.153502	1.2303	1.2303	0.781345	1.03846	1.03846	0.166374	0.818622	-1.22157	0.0224256	0.690084	-1.4491	0.27523	1.16643	1.16643	0.756939	0.95877	-1.043	2.64178	0.769546	0.258932	1
cg05265071	RBPMS2	0.0930216	0.332018	0.674081	-1.4835	0.161655	1.80216	1.80216	0.949762	1.02514	1.02514	0.769779	0.890783	-1.12261	0.00529764	0.234947	-4.25627	0.0897422	0.478476	-2.08997	0.417168	0.721249	-1.38648	0.467168	1.33854	1.33854	0.425964	0.725875	-1.37765	2.64177	6.49821	2.18649	1
cg19745814	GRID2	0.0930219	0.0373182	0.729934	-1.36999	0.0880083	1.27792	1.27792	0.539954	1.08418	1.08418	0.145113	0.815617	-1.22607	0.166463	0.825165	-1.21188	0.668162	0.945377	-1.05778	0.0441528	1.35146	1.35146	0.939998	0.990242	-1.00985	0.660094	1.05934	1.05934	2.64176	0.709876	0.238856	1
cg02652369	CCHCR1;CCHCR1;CCHCR1	0.0930229	0.226442	0.645046	-1.55028	0.0314186	2.39	2.39	0.0396657	2.27324	2.27324	0.283533	1.46907	1.46907	0.813678	0.92173	-1.08492	0.9031	0.958826	-1.04294	0.888144	0.952579	-1.04978	0.0200466	2.6343	2.6343	0.40405	1.34279	1.34279	2.64175	4.98599	1.67767	1
cg01160695	UNC84A;UNC84A	0.093024	0.0571181	2.53988	2.53988	0.0316485	2.97741	2.97741	0.242271	1.69891	1.69891	0.0906517	2.24181	2.24181	0.929797	1.0389	1.0389	0.0321522	2.96474	2.96474	0.047059	2.67571	2.67571	0.0467159	2.68098	2.68098	0.127098	2.04325	2.04325	2.64174	7.84654	2.6402	1
cg19825483	RYR2	0.0930251	0.353744	0.523511	-1.91018	0.80027	0.842013	-1.18763	0.103971	0.299434	-3.33964	0.251949	0.44406	-2.25195	0.0969354	0.290584	-3.44134	0.703847	0.771778	-1.29571	0.00299365	0.0631829	-15.8271	0.351226	0.521635	-1.91705	0.0977079	0.291572	-3.42968	2.64173	19.2503	6.47736	1
cg21216258	CACNA1B	0.0930261	0.43236	0.847458	-1.18	0.490816	0.865401	-1.15553	0.822915	0.954755	-1.04739	0.9279	1.01887	1.01887	0.441173	0.850239	-1.17614	0.937926	0.98404	-1.01622	0.048558	1.5927	1.5927	0.00495217	0.463639	-2.15685	0.440407	0.849998	-1.17647	2.64171	1.78515	0.60067	1
cg24082320	SPPL2B;SPPL2B;LSM7	0.0930286	0.297482	1.30998	1.30998	0.287177	1.31822	1.31822	0.546987	1.16459	1.16459	0.0300947	1.89211	1.89211	0.914079	0.973379	-1.02735	0.853143	1.04741	1.04741	0.0146675	0.471837	-2.11938	0.221334	0.725146	-1.37903	0.708446	0.910366	-1.09846	2.64168	2.61478	0.879835	1
cg24160660	BCL2L13	0.0930297	0.8315	0.961013	-1.04057	0.122157	1.36707	1.36707	0.0130295	1.77701	1.77701	0.105743	0.719078	-1.39067	0.366638	0.84106	-1.18898	0.638124	1.09244	1.09244	0.34607	1.19853	1.19853	0.125479	0.733837	-1.3627	0.815455	1.0446	1.0446	2.64167	1.45726	0.490349	1
cg02018101	SYNE2;SYNE2	0.093032	0.152238	0.813632	-1.22906	0.03712	1.38467	1.38467	0.0489339	1.35307	1.35307	0.642884	0.939136	-1.06481	0.36892	0.883289	-1.13213	0.42609	0.896465	-1.11549	0.0607511	0.752535	-1.32884	0.355141	0.879923	-1.13646	0.901455	0.983479	-1.0168	2.64164	0.756668	0.254612	1
cg03601952	MPV17L;MPV17L	0.0930324	0.0566653	10.8257	10.8257	0.0246697	19.1769	19.1769	0.137088	5.85979	5.85979	0.197182	4.50529	4.50529	0.0829792	8.32647	8.32647	0.773742	1.37472	1.37472	0.0183844	23.5342	23.5342	0.100104	7.30994	7.30994	0.0676657	9.58389	9.58389	2.64164	51.0013	17.1615	1
cg13477849	NDUFAF4;NDUFAF4	0.0930339	0.879771	1.02104	1.02104	0.072093	1.31799	1.31799	0.692284	1.05623	1.05623	0.777163	0.961726	-1.0398	0.0816301	0.766875	-1.30399	0.352219	0.876631	-1.14073	0.00899289	0.633269	-1.57911	0.544821	1.08795	1.08795	0.646155	1.06565	1.06565	2.64162	0.791425	0.26631	1
cg11337598	CDGAP	0.0930342	0.028508	2.27913	2.27913	0.505546	0.806285	-1.24026	0.982584	0.993067	-1.00698	0.663125	1.14993	1.14993	0.148476	1.63882	1.63882	0.0471222	2.06287	2.06287	0.0214286	2.41305	2.41305	0.86177	0.945967	-1.05712	?	?	?	2.67183	3.82101	1.43011	1
cg02027541	NAMPT	0.093038	0.647719	0.876952	-1.14031	0.0559407	1.85522	1.85522	0.163286	1.52909	1.52909	0.328261	1.33376	1.33376	0.064243	0.552417	-1.81023	0.936451	1.02302	1.02302	0.0459514	0.520551	-1.92104	0.912979	0.969282	-1.03169	0.141447	1.57035	1.57035	2.64157	3.4079	1.14676	1
cg15988320	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.0930411	0.102071	0.339025	-2.94964	0.0664697	3.46985	3.46985	0.241615	2.09786	2.09786	0.733503	1.22947	1.22947	0.447244	0.626092	-1.59721	0.553055	1.43726	1.43726	0.0492271	0.25745	-3.88425	0.0757685	3.30277	3.30277	0.301917	0.523872	-1.90886	2.64153	15.2874	5.1443	1
cg00473167	CCDC50;CCDC50;UTS2D	0.0930419	0.241002	1.18523	1.18523	0.724058	0.952109	-1.0503	0.874629	0.978376	-1.0221	0.866862	0.977038	-1.0235	0.130325	0.797546	-1.25385	0.00685781	0.615852	-1.62377	0.03699	0.715078	-1.39845	0.756054	1.04409	1.04409	0.984819	1.00264	1.00264	2.64152	0.80192	0.269851	1
cg19730801	TRAF3;TRAF3;TRAF3	0.0930443	0.964477	0.993446	-1.0066	0.300703	1.17156	1.17156	0.310136	0.856357	-1.16774	0.249559	0.837208	-1.19445	0.6088	1.0792	1.0792	0.79686	1.03882	1.03882	0.0710121	0.742448	-1.3469	0.0145039	1.56001	1.56001	0.100833	1.30388	1.30388	2.64149	0.912065	0.306919	1
cg22376897	ARSE	0.0930489	0.8131	0.890118	-1.12345	0.664148	0.80678	-1.23949	0.087124	0.395184	-2.53047	0.269755	0.568469	-1.75911	0.0252593	0.270498	-3.69689	0.135166	0.453165	-2.2067	0.00626021	0.17364	-5.75905	0.12279	0.439664	-2.27447	0.300844	0.590449	-1.69363	2.64144	10.1045	3.40035	1
cg24761542	TSG101	0.0930502	0.163341	0.599352	-1.66847	0.232756	0.650152	-1.5381	0.329013	1.4143	1.4143	0.494212	0.787519	-1.26981	0.064566	0.489494	-2.04293	0.0594409	0.480906	-2.07941	0.016436	0.364654	-2.74233	0.0378342	0.436643	-2.2902	0.409113	0.747899	-1.33708	2.64142	4.95291	1.66675	1
cg19371795	INSR;INSR	0.0930539	0.36194	0.748768	-1.33553	0.135456	1.64347	1.64347	0.618071	0.85625	-1.16788	0.0154965	2.50127	2.50127	0.0291777	0.452247	-2.21118	0.907691	0.964821	-1.03646	0.493087	0.806611	-1.23975	0.741665	0.902907	-1.10753	0.516406	0.816167	-1.22524	2.64138	3.98779	1.34199	1
cg14851949	ARID1A;ARID1A	0.0930557	0.498676	0.886643	-1.12785	0.0277225	1.57746	1.57746	0.64794	0.922625	-1.08386	0.278658	0.820931	-1.21813	0.0326417	0.645359	-1.54953	0.0806644	1.40405	1.40405	0.391188	0.857362	-1.16637	0.956086	1.00969	1.00969	0.446742	1.14551	1.14551	2.64136	1.28362	0.431973	1
cg02030410	KIF26B	0.0930558	0.128187	1.43008	1.43008	0.154124	0.717585	-1.39356	0.145265	0.711616	-1.40525	0.268159	0.778104	-1.28517	0.0318131	0.578488	-1.72864	0.0790563	0.654319	-1.52831	0.77557	1.06415	1.06415	0.165719	1.37929	1.37929	0.301776	0.792377	-1.26203	2.64135	1.97947	0.666145	1
cg01903241	PTPRN2;PTPRN2;PTPRN2	0.0930586	0.307832	0.749262	-1.33465	0.0170281	0.451309	-2.21578	0.527918	0.839557	-1.19111	0.997353	1.00091	1.00091	0.483771	0.823156	-1.21484	0.783534	1.07821	1.07821	0.163289	1.50216	1.50216	0.910334	0.969662	-1.03129	0.0118403	0.423446	-2.36157	2.64132	3.12839	1.0528	1
cg07845895	IFNGR2	0.0930626	0.376007	0.785352	-1.27331	0.186573	0.689095	-1.45118	0.846305	1.05297	1.05297	0.44532	0.813083	-1.22989	0.419201	0.802907	-1.24547	0.00491548	0.371201	-2.69396	0.378822	1.27141	1.27141	0.886155	0.962617	-1.03883	0.129539	1.54586	1.54586	2.64127	2.95882	0.995754	1
cg06833823	LOC441666	0.0930628	0.996547	1.00132	1.00132	0.0172922	0.413231	-2.41996	0.039164	0.483134	-2.06982	0.370768	1.32329	1.32329	0.222506	1.47806	1.47806	0.288015	1.39963	1.39963	0.107823	0.585777	-1.70714	0.7007	0.888948	-1.12492	0.625359	0.860723	-1.16181	2.64127	3.88601	1.30779	1
cg11009817	SLCO4C1	0.093063	0.14733	3.68784	3.68784	0.504521	0.566421	-1.76547	0.282254	0.391473	-2.55445	0.517329	0.576391	-1.73493	0.280412	0.389958	-2.56438	0.302732	0.408187	-2.44986	0.700164	0.722687	-1.38372	0.0144749	12.5395	12.5395	0.0715294	5.41425	5.41425	2.64127	29.4685	9.91731	1
cg06994787	TXNDC11	0.093064	0.820762	0.939338	-1.06458	0.23108	1.414	1.414	0.0494738	1.85552	1.85552	0.279748	1.36325	1.36325	0.126555	0.633963	-1.57738	0.569157	1.17195	1.17195	0.0262731	0.483432	-2.06854	0.173747	1.49047	1.49047	0.635336	0.87657	-1.14081	2.64126	3.18113	1.07058	1
cg25718604	TUBB1	0.0930675	0.776327	1.1505	1.1505	0.0465947	0.325749	-3.06985	0.431848	1.48415	1.48415	0.647953	0.797503	-1.25391	0.235057	0.541962	-1.84515	0.148902	0.466773	-2.14237	0.0144216	0.226697	-4.41118	0.139026	2.18966	2.18966	0.326959	0.607692	-1.64557	2.64121	10.1336	3.4104	1
cg20839219	SLC39A6;ELP2;SLC39A6	0.0930677	0.0282085	0.561797	-1.78	0.417554	0.831646	-1.20244	0.246609	0.76368	-1.30945	0.208041	0.744252	-1.34363	0.454417	0.844035	-1.18478	0.285898	0.781434	-1.2797	0.00305059	0.405342	-2.46705	0.446671	0.841476	-1.18839	0.385041	0.820226	-1.21918	2.64121	2.07132	0.697093	1
cg27241808	MARCKS	0.0930679	0.152066	3.05089	3.05089	0.923619	1.0722	1.0722	0.890124	0.904399	-1.10571	0.0109616	10.1833	10.1833	0.44512	0.567867	-1.76098	0.726464	0.774664	-1.29088	0.0661431	4.47456	4.47456	0.0971279	3.75696	3.75696	0.0663332	4.46875	4.46875	2.64121	22.107	7.44002	1
cg04078728	EMP1	0.0930687	0.273714	0.834069	-1.19894	0.611842	0.922079	-1.08451	0.0213418	0.636982	-1.5699	0.639698	0.927996	-1.07759	0.016236	0.618366	-1.61717	0.940925	0.988334	-1.0118	0.125079	1.30487	1.30487	0.156516	0.78469	-1.27439	0.759991	1.04973	1.04973	2.81556	1.09423	0.302274	1
cg11797573	PTPRN2;PTPRN2;PTPRN2	0.0930687	0.228083	0.793279	-1.26059	0.685931	1.07725	1.07725	0.149625	1.32682	1.32682	0.708067	1.07128	1.07128	0.0487834	0.662375	-1.50972	0.736358	1.06381	1.06381	0.0195632	1.67604	1.67604	0.248476	0.801856	-1.24711	0.288049	0.817175	-1.22373	2.6412	1.4016	0.471706	1
cg23522981	ANO7	0.0930691	0.0531742	0.314427	-3.18039	0.0373909	0.280213	-3.56871	0.173739	0.466631	-2.14302	0.310523	0.575427	-1.73784	0.0324429	0.26747	-3.73874	0.0669983	0.339142	-2.94862	0.0245301	0.243942	-4.09934	0.142978	0.436432	-2.29131	0.0765878	0.354375	-2.82187	2.64119	11.6029	3.90493	1
cg13615338	PDGFRA	0.0930696	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg10028666	VENTX	0.0930705	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27378424	DRG1	0.0930706	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11758943	ESYT1	0.0930723	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20295186	LRRC7	0.0930729	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19935420	SH3BGR;SH3BGR	0.0930749	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg17468268	MCM3	0.0930749	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1114 vs. N)	Fold-Change(1114 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg24518988	RING1	0.0930749	0.660037	1.27618	0.77618	1.244261	1.95639	1.95639	0.8615673	0.313462	-1.93018	0.0598506	0.31044	-3.22123	0.758705	0.843883	-1.185	0.888131	1.08214	1.08214	0.00940055	0.163073	-6.13224	0.681451	1.25531	1.25531	0.43581	-1.5496	2.64112	12.695	4.272559	1
cg06999243	ARHGAP17;ARHGAP17	0.0930788	0.900217	1.02772	1.02772	1.455988	1.17994	1.17994	0.170067	0.732667	-1.36488	0.412408	0.83307	-1.20038	0.0193759	0.540001	-1.85185	0.811622	0.940296	-1.05341	0.121531	1.44171	1.44171	0.286296	1.27293	1.27293	0.0409124	0.597954	-1.67237	2.64108	1.98665	0.668634	1
cg06409153	ABCA5	0.0930795	0.0168215	0.416787	-2.39931	0.152803	0.631668	-1.58311	0.634368	0.866112	-1.15459	0.129895	0.612112	-1.63369	0.0486395	0.508802	-1.9654	0.145056	0.625307	-1.59921	0.0206025	0.433168	-2.30857	0.92935	1.02696	1.02696	0.0932386	0.574666	-1.74014	2.64107	3.765	1.26716	1
cg00844790	PRR25	0.0930851	0.0483515	0.237526	-4.21007	0.0442727	0.229187	-4.35944	0.0832866	0.294724	-3.39301	0.763961	0.82539	-1.21155	0.0253007	0.183675	-5.44441	0.0930357	0.308062	-3.2461	0.0288102	0.193442	-5.16951	0.122963	0.344723	-2.90046	0.199506	0.421582	-2.37202	2.64105	16.984	5.71623	1
cg27254295	DYNLRB2	0.0930817	0.211518	0.735593	-1.35945	0.0899856	0.54649	1.54649	0.399941	0.817892	-1.22266	0.338337	0.794325	-1.25893	0.368401	0.12403	2.14053	0.718301	0.08119	1.08819	0.257268	0.75894	-1.31763	0.0314025	0.477683	-2.09344	0.125035	0.678829	-1.47313	2.64104	2.27667	0.766254	1
cg23178108	DNMBTL;DNMBTL;DNMBT1	0.0930818	0.338	0.582924	-1.71549	0.0396876	0.272626	-1.66803	0.0500338	0.294023	-1.99071	0.322726	0.572274	-1.74741	0.0891145	0.358089	-2.7856	0.105516	0.472979	-2.11426	0.227396	0.50037	-1.99852	0.0114931	0.177717	-5.62691	0.0352014	0.261735	-3.82065	2.64104	12.4886	4.20325	1
cg20327258	ZNHIT6;ZNHIT6	0.0930839	0.521095	1.31416	1.31416	0.79889	1.81898	1.81898	0.432927	1.39954	1.39954	0.816686	0.90707	-1.10245	0.289961	1.5862	1.5862	0.368885	0.678646	-1.47352	0.00412609	0.198735	-5.03182	0.710368	0.854971	-1.16963	0.846852	1.08461	1.08461	0.64102	7.38007	2.48392	1
cg04472366	DNAJC6;ENOX1	0.0930862	0.145384	0.491816	-2.03328	0.0472416	0.357051	2.80072	0.4009266	0.682132	-1.46598	0.51733	1.34687	1.34687	0.0157917	0.263441	-1.82496	0.061987	0.385456	-2.59433	0.0794964	0.413423	-2.41884	0.0799367	0.414202	-2.41428	0.98305	0.990941	-1.00968	2.64099	8.607237	2.89909	1
cg07224291	EYA4;EYA4;EYA4	0.0930878	0.248492	1.57245	1.29156	1.62397	1.62397	1.62397	0.0985505	1.45805	0.316378	1.47501	1.47501	0.514597	0.778921	1.28383	0.179053	0.70843	1.57045	1.70843	0.0807405	0.206823	2.06828	0.0603916	0.375298	2.48563	0.48563	0.688868	1.98199	2.64098	5.88868	1.98199	1
cg13791538	ZNF219;C14orf176	0.0930884	0.403689	0.834794	-1.1979	0.0940584	1.47554	1.47554	0.096755	1.47	1.47	0.839093	0.957946	-1.0439	0.0643587	0.64458	-1.5514	0.0460682	0.616898	-1.62101	0.366471	1.2166	1.2166	0.222874	0.762872	-1.31084	0.305768	0.799249	-1.25117	2.64096	1.86776	0.628648	1
cg20945531	FLI4A503	0.0930896	0.1140884	1.27209	1.27209	1.27209	0.322553	1.30655	0.0442341	1.75683	1.75683	0.0181207	0.818815	-2.06855	0.953366	1.64127	1.64127	0.0518388	0.21734	-4.6011	0.0117703	0.2018	2.2018	0.0488209	0.876615	-1.1407	0.846402	0.874784	-1.14314	2.64095	19.3026	6.6988	1
cg23298564	C19orf54;SNRPA	0.0930901	0.0513961	1.8806	1.8806	0.224456	1.43816	1.43816	0.0475655	1.90653	1.90653	0.938133	1.02235	1.02235	0.216215	0.690327	-1.44859	0.108328	0.60724	-1.64679	0.382148	1.29076	0.0633344	1.81236	1.81236	0.332299	1.33737	1.33737	0.64094	3.39167	1.14157	1
cg26328477	TAS1R2	0.0930922	0.0429858	0.950254	-1.96096	0.951258	1.01782	1.01782	0.496561	0.835575	-1.22074	0.325332	0.745692	-1.34104	0.367158	0.765162	-1.30691	0.0155593	2.35658	2.35658	0.956682	0.592187	-1.16685	0.698272	0.592187	-1.68866	0.234551	0.69103	-1.44711	2.64092	3.49174	1.17526	1
cg02666901	HMGB2;HMGB2;HMGB2	0.0930939	0.343171	0.8670553	-1.15333	0.049271	0.720485	-1.38795	0.0593111	1.36517	1.36517	0.253765	1.19018	1.19018	0.238789	1.19749	1.19749	0.562552	1.08929	1.08929	0.100227	1.38093	1.38093	0.420453	1.12776	1.12776	0.0518397	1.38157	1.38157	2.64091	0.892538	0.300416	1
cg18155478	GPR1378	0.0930994	0.9468084	0.987416	-1.01274	0.702666	0.511914	-1.97367	0.478387	1.14659	0.864895	0.968663	-1.03235	0.0076474	0.513437	-1.94766	0.211342	1.28394	1.28394	0.118478	1.37946	1.37946	0.704506	1.07499	1.07499	0.144929	1.34601	1.34601	0.64089	1.50681	0.507172	1
cg18342279	NAP1L5	0.0930997	0.311878	0.7425944	-1.75149	0.0396876	0.272626	1.34826	0.3168256	0.744263	-1.34241	0.1182164	0.378341	1.78141	0.0142318	0.85354	-1.1721	0.0970932	0.16495	-6.06065	0.0600744	0.900244	1.17453	1.0301	0.854651	1.05403	0.0229099	0.31417	1.25487	0.645245	2.64089	21.4012	8.11264	1
cg14223995	UCP1	0.0930977	0.1018254	0.444345	0.444345	0.450072	0.678657	0.678657	0.236148	2.81171	2.81171	0.218593	0.340409	-2.93764	0.514328	1.73447	1.73447	0.346111	2.24343	2.24343	0.017902	10.9828	10.9828	0.112456	4.21668	4.21668	0.0682992	5.4731	5.4731	2.64085	29.006	9.76319	1
cg05693561	YTHDC1;YTHDC1	0.0931014	0.114203	0.741982	-1.34795	0.0195308	0.16368	1.16368	0.0540136	1.46293	1.46293	0.146239	0.742624	0.944345	-1.05894	0.715965	1.06556	1.06556	0.151042	0.765366	-1.30656	0.391137	0.858705	-1.16496	0.715962	0.94225	-1.06073	0.375302	0.853742	-1.17131	0.94081	1.06306	0.425142	1
cg27530015	TUBB2A	0.0931018	0.0769887	2.115445	2.115445	0.375612	1.41344	1.41344	0.0119246	2.503118	1.183964	0.0158162	0.189041	1.78167	1.70098	0.0197246	2.503118	2.503118	0.180904	1.754683	-1.39922	0.161117	0.560772	-1.7675	0.45808	0.750112	-1.33313	0.5125	0.776645	-1.28759	2.6408	0.656559	0.203864	1
cg22787816	SMARCD3;SMARCD3	0.0931047	0.963276	1.016891	1.016891	0.00629421	3.648222	3.648222	0.0180963	2.84059	2.84059	0.557625	0.806001	-1.24069	0.91107	0.969027	-1.03196	0.23642	1.57017	1.57017	0.40034	1.36765	1.36765	0.306434	1.46974	1.46974	0.892478	1.05041	1.05041	2.64077	5.53176	1.86201	1
cg16970402	GTF3C2;GTF3C2	0.0931079	0.2358803	0.614035	-1.62837	0.0494756	0.314557	-1.35308	0.3216491	0.674747	-1.48888	0.738597	1.15265	1.15265	0.0150365	0.309326	-2.23283	0.311451	0.662305	-1.5091	0.0226069	0.345653	-2.89117	0.364008	0.576927	-1.73307	0.0786678	0.496248	-2.14478	2.64073	6.446631	2.16995	1
cg25154916	KCNK1	0.0931082	0.633065	1.08639	1.08639	0.435557	1.14687	1.14687	0.0108325	1.75444	1.75444	0.432607	1.14793	1.14793	0.505304	1.1235	1.1235	0.436251	1.14663	1.14663	0.0214419	0.621237	-1.60969	0.592474	0.911125	-1.09754	0.705429	1.06761	1.06761	2.64072	1.24113	0.417774	1
cg07519426	LMF1	0.0931085	0.0254417	2.183586	2.183586	0.220239	1.64667	1.64667	0.0120964	2.27577	2.27577	0.0964	0.0964	2.03544	0.0254454	0.195397	-5.11779	0.0902627	0.301137	-3.32075	0.142578	0.363032	-2.75458	0.0266164	0.363741	2.75021	0.0266164	0.283	-3.53277	2.64071	1.89277	0.716422	1
cg23847017	PHACTR4;PHACTR4;PHACTR4	0.0931091	0.0174877	0.155747	-6.42068	0.29228	0.495366	-2.01871	0.149625	0.370393	-2.69984	0.0755244	0.280282	-3.56784	0.0457585	0.229396	-4.35927	0.0202647	0.301137	-3.32075	0.142578	0.363032	-2.75458	0.556756	1.46538	1.46538	0.050724	1.239026	4.18364	2.64071	17.2862	5.81871	1
cg10146267	L28RA;IL28RA;IL28RA	0.0931098	0.264598	1.15202	1.15202	1.09859	0.808868	-1.2363	0.0504629	0.762366	-1.31171	0.545257	1.07735	1.07735	0.276134	1.14783	1.14783	0.0221843	1.39615	1.39615	0.293064	1.14197	1.14197	0.616034	0.940318	-1.06347	0.435853	1.10159	1.10159	2.6407	0.619514	0.208535	1
cg24006693	FAM184B	0.0931111	0.252151	0.810382	-1.23404	0.0722039	0.298324	-1.31748	0.0595522	0.709502	-1.40955	0.0755244	0.85594	-1.16835	0.0276526	0.85594	-1.16835	0.94754	1.02285	1.02285	0.760658	1.13385	1.13385	0.0987735	0.536461	-1.86407	0.24607	0.492641	1.45929	2.64069	4.92641	1.65929	1
cg19230306	IGFBP7	0.0931118	0.0756295	0.27153	-3.68283	0.0734298	0.74833	1.74833	0.312042	1.99829	1.99829	0.333774	0.516886	-1.93466	0.527248	0.654402	-1.52811	0.612352	1.4025	1.4025	0.0273288	0.17756	-5.63191	0.405268	0.569117	-1.75711	0.0878227	0.287314	-3.48051	2.64068	18.3267	6.169	1
cg12839943	S100A13;C1orf77;C1orf77;S100A13	0.0931118	0.15136	0.61091	-1.63696	0.643317	0.15179	1.15179	0.288762	0.42337	-2.36092	0.42337	0.42337	-2.36092	0.42337	0.42337	-2.36092	0.231884	0.609015	-1.49474	0.00536653	0.358709	-2.78935	0.0182883	0.185513	-5.39111	0.16942	0.808308	1.08117	1.08117	2.64068	4.29791	1.44073	1
cg09672383	POMC;POMC	0.0931137	0.0294319	0.503496	0.503496	0.0917488	1.24421	1.24421	0.151917	2.46137	2.46137	0.0763438	1.38036	1.38036	0.143833	1.59769	1.59769	0.61639	1.34499	1.34499	0.569841	0.7139	-1.40076	0.232006	0.28661	2.08661	0.0286899	0.478318	1.47818	2.64066	14.4003	4.84738	1
cg24636258	KRT1 BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNA	0.0931138	0.65514	1.10728	1.10728	0.179587	0.723888	-1.38143	0.869476	0.963407	-1.03798	0.312205	1.26742	1.26742	0.289182	0.779269	-1.28325	0.546209	0.870719	-1.14848	0.00307286	0.399023	-2.50612	0.698758	1.09215	1.09215	0.370103	0.811686	-1.232	2.64066	2.14903	0.7234	1
cg00576435	T;BLCAP	0.0931145	0.924136	1.03952	1.03952	0.467127	1.35131	1.35131	0.0134504	3.47342	3.47342	0.0529297	2.44743	2.44743	0.429708	0.720366	-1.38818	0.414703	1.40389	1.40389	0.0225363	0.31037	0.33937	0.104232	2.05999	2.05999	0.628499	1.21943	1.21943	2.64065	6.924051	2.33076	1
cg01016329	6-Mar	0.0931163	1.506803	1.0298	1.0298	0.0139202	1.76555	1.76555	0.0136305	1.98403	1.98403	0.0766705	1.63435	1.63435	0.0119795	1.84316	1.84316	0.0970074	1.16399	1.16399	0.0768356	1.96527	1.96527	0.0873782	1.22708	1.22708	0.246063	1.31127	1.08064	2.64062	1.08064	0.364191	1
cg18463920	TLE2	0.0931189	0.158014	0.601394	-1.6628	0.101761	0.546903	-1.82848	0.369629	1.36398	1.36398	0.759469	1.109	1.109	0.0116772	0.345878	2.89119	0.665971	0.863884	-1.15756	0.0308898	0.425762	-2.34873	0.545576	1.22885	1.22885	0.935178	0.972968	-1.02778	2.64059	4.7466	1.59782	1
cg24734575	SLC7A9;SLC7A9;SLC7A9;SLC7A9	0.0931198	0.264504	1.27966	1.27966	0.218214	0.519194	-1.92606	0.341284	0.811267	-1.23112	0.272631	1.27393	1.27393	0.515857	1.13613	1.13613	0.266294	0.782237	-1.27839	0.365232	1.21807	1.21807	0.0939753	0.676741	-1.47767	0.165002	0.73048	-1.36896	2.64058	1.88026	0.632946	1
cg04953033	PPP2R5D;PPP2R5D;PPP2R5D	0.0931208	0.121906	1.2744	1.2744	0.0292139	0.928387	-1.2545	0.425302	0.892093	-1.13367	0.596081	0.892093	-1.13367	0.596081	0.892093	-1.13367	0.216474	1.818404	1.818404	0.0116741	0.683567	-1.46549	0.0915106	1.3309	1.3309	0.132775	1.17041	1.17041	2.64057	0.992618	0.334142	1
cg02643835	ZNF167;ZNF167 NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA00	0.0931214	0.0439533	0.623471	-1.60392	0.941479	0.0151	1.0151	0.957542	1.01092	1.01092	0.507307	0.871727	-1.14715	0.0803845	0.67362	-1.48452	0.594685	1.11582	1.11582	0.0929151	1.45828	1.45828	0.588644	0.894558	-1.11787	0.0171944	0.552965	-1.80843	2.64053	1.74166	0.5863	1
cg25192000	188;NCRNA00188;NCRNA00188	0.0931243	0.119253	0.777038	-1.28694	0.0228323	0.666028	-1.50144	0.627385	1.07572	1.07572	0.93564	1.01212	1.01212	0.87999	1.0228	1.0228	0.471008	1.11562	1.11562	0.242896	0.833318	-1.20002	0.0239313	0.668971	-1.49483	0.189776	1.23026	1.23026	2.64053	0.931055	0.313424	1
cg21177112	PPM1H	0.0931254	0.00349049	0.399707	-2.50184	0.847988	1.0454	1.0454	0.463104	0.841293	-1.18865	0.183897	0.721668	-1.38568	0.240426	0.752339	-1.32912	0.838755	0.95395	-1.04827	0.0725301	0.628995	-1.58984	0.461044	1.18963	1.18963	0.758903	1.03146	-1.07383	2.64052	2.239	0.753725	1
cg08447239	FGF61	0.0931268	0.0252167	0.373126	-2.68005	0.0472416	0.357051	2.64514	0.2483603	0.707676	-1.41303	0.0976706	0.610236	-1.63834	0.0134153	0.70101	-1.42641	0.0209272	0.0725382	-13.7866	0.0724384	0.302453	-3.3063	0.0474818	0.749703	-1.33375	0.455607	0.753507	-1.32697	2.6405	0.59581	0.19108	1
cg00576936	MEGF11	0.0931268	0.539259	0.832663	-1.20097	0.0309064	2.10986	2.10986	0.234031	0.692429	-1.44419	0.562202	0.841438	-1.18844	0.0752375	0.557891	-1.79247	0.73903	1.10351	1.10351	0.0859185	1.74914	1.74914	0.127516	1.62498	1.62498	0.314851	0.736234	-1.35826	2.6405	3.6299	1.22196	1
cg25754252	VAMP4	0.0931275	0.905199	0.906688	-1.10292	0.437188	1.9224	1.9224	0.562789	1.61903	1.61903	0.933557	1.00796	1.00796	0.935286	0.836519	-1.19543	0.669764	0.702567	-1.42335	0.339848	2.25347	0.202756	0.0279192	-35.8177	0.720241	1.34426	1.34426	2.81475	29.4963	8.15048	1
cg07034700	AKR1D1	0.0931328	0.5061582	0.7883453	-1.26863	0.0472416	0.357051	1.35052	0.3518932	0.668862	-1.49484	0.476601	0.814347	-1.22817	0.3104488	0.80514	-1.24207	0.876756	1.10981	1.10981	0.0114371	1.24479	1.24479	0.305375	0.873429	-1.14491	0.239963	0.854802	-1.16986	0.6448	0.679908	0.228883	1
cg00952822	ZC3H3	0.0931281	0.656485	0.875685	-1.14196	0.762219	1.09416	1.09416	0.213084	0.677835	-1.47529	0.347461	1.33226	1.33226	0.00328148	0.304786	-3.28099	0.975389	1.00919	1.00919	0.223101	1.46174	1.46174	0.623295	0.863456	-1.15814	0.785443	0.922266	-1.08429	2.64048	3.67763	1.23801	1
cg20132747	SLC22A17;SLC22A17;SLC22A17	0.0931287	0.0430073	0.787711	-1.26965	0.0472416	0.357051	1.78232	0.0758196	0.553768	-1.80657	0.0991418	0.342067	-2.92403	0.0045615	0.304768	-3.28027	0.0904555	0.0725382	-13.7866	0.0724384	0.302453	-3.3063	0.0474818	0.749703	-1.33375	0.455607	0.753507	-1.32697	2.64047	1.10469	0.354648	1
cg14897188	RNASE6;C17orf49;C17orf49;C17orf49	0.0931287	0.0434277	0.180186	-5.54981	0.916497	0.18048	0.18048	0.28954	0.444237	-2.25105	0.372887	0.509062	-1.9644	0.0120456	0.0991517	-10.0856	0.793394	2.13177	2.13177	0.0486164	0.189662	-5.27254	0.107955	0.274022	-3.64934	0.065948	0.21813	-4.58441	2.64048	22.7814	7.66914	1
cg22050253	SHROOM3	0.0931302	0.0347258	5.39115	5.39115	0.607347	0.702197	-1.42291	0.329497	1.98338	1.98338	0.391574	1.81681	1.81681	0.250287	0.44153	-2.26485	0.628719	0.717807	1.39313	0.0255079	0.30519	0.30519	0.156168	2.80759	2.80759	0.0553668	4.39016	2.64046	3.6186	6.51891	1
cg20789824	RINL	0.0931374	0.84884	1.05082	1.05082	0.519944	0.875364	-1.14238	0.2853	0.887296	-1.12702	0.324103	1.29113	1.29113	0.86219	1.05162	-1.0361	0.0202335	1.77084	1.77084	0.0115196	1.41586	1.41586	0.0262415	1.71271	1.71271	0.1195383	0.756169	-1.32245	2.64037	1.7418	0.586381	1
cg08904840	VWF	0.0931385	0.606775	0.879719	-1.13673	0.446521	1.2111	1.2111	0.205234	0.718984	-1.39085	0.518764	1.16919	1.16919	0.067454	0.603039	-1.65827	0.957252	0.986855	-1.01332	0.254851	0.745677	-1.34106	0.0044878	0.391918	-2.55155	0.864426	1.04309	1.04309	2.64036	2.54805	0.857812	1
cg25740565	FLJ32063	0.0931402	0.0121625	0.432612	-2.3907	0.0472612	0.8991	1.8991	0.0127907	1.43466	1.43466	0.0111777	0.70007	-1.42857	0.0178084	0.70007	-1.42857	0.0164564	0.554112	-1.80465	0.0140074	0.27729	3.60598	0.0080991	0.880642	-1.13589	0.0141884	0.58289	1.0144	2.64035	0.98889	0.333009	1
cg26836456	DPYD;DPYD	0.0931407	0.2204	1.49681	1.49681	0.123421	0.591884	-1.68952	0.147682	0.61375	-1.62933	0.524709	1.22456	1.22456	0.06688	0.524349	-1.90713	0.895958	0.959717	-1.04197	0.129451	0.59759	-1.67339	0.0346348	2.16868	2.16868	0.50434	0.808213	-1.2373	2.64033	4.1301	1.39043	1
cg21335175	CC1L;CC1L3	0.0931457	0.647844	1.21948	1.21948	0.262084	0.40404	-2.475	0.0910168	0.246959	-4.04926	0.434565	0.708919	-1.41106	0.0874656	0.898908	-1.11347	0.521881	1.58652	1.58652	0.460453	0.712164	-1.40417	0.0315624	0.338642	-2.95267	0.41766	0.699514	-1.42956	2.64027	7.3994	2.62091	1
cg16144651	GTF2IRD1;GTF2IRD1	0.0931458	0.6587386	0.5391691	-1.85481	0.0472612	0.357051	1.53488	0.5448	0.939377	0.7420562	-1.34766	0.553953	0.720133	-1.38863	0.14922	6.58754	0.732883	1.17663	1.17663	0.0115222	0.587784	1.70098	0.0407244	0.521881	1.62056	0.0139966	0.740731	-1.35002	2.64027	4.99983	1.68327	1
cg25723217	ANO1;ANO1	0.0931467	0.2981994	0.677351	-1.47634	0.822578	1.08451	1.08451	0.883935	0.948598	-1.05419	0.797495	0.911295	-1.09734	0.0036294	0.241268	-4.14477	0.98645	0.993884	-1.00615	0.0833059	1.99887	1.99887	0.942154	1.02656	1.02656	0.763662	1.11509	1.11509	2.64026	5.45716	1.83725	1
cg26302777	NAA16;NAA16;NAA16	0.0931468	0.4810957	0.7787111	-1.28419	0.0472416	0.357051	1.57567	0.0524928	0.71528	-1.39824	0.0966405	0.741684	-1.34824	0.0892557	0.550593	-1.81622	0.1072524	1.36949	1.36949	0.0805357	1.88604	1.88604	0.0297347	1.62754	1.62754	0.0426426	1.92385	1.92385	2.64026	0.454076	0.150276	1
cg09333329	KIF26A	0.0931479	0.204279	1.56336	1.56336	0.357138	1.37271	1.37271	0.0961409	0.542706	-1.84262	0.23815	1.51182	1.51182	0.0483571	0.2167	2.1267	0.478759	1.72236	1.72236	0.0487306	0.21231	1.22331	0.184042	0.634665	-1.57564	0.113878	1.77777	1.77777	2.64025	4.67881	1.57521	1
cg18767003	LOC388796;SNORA71D;LOC388796	0.0931503	0.9940061	1.0041	1.0041	0.0146284	1.16286	1.16286	0.122802	0.69801	-1.43264	0.254123	1.39666	1.39666	0.0166	1.56445	-1.56445	0.9135264	1.03135	1.03135	0.0158438	1.29534	1.29534	0.0148018	1.00703	1.00703	0.0163879	1.19104	1.19104	2.64025	1.02879	0.389337	1
cg22773314	RPS6KA2	0.0931509	0.0335928	0.644547	-1.55185	0.93573	0.985677	-1.01453	0.047856	0.667201	-1.4988	0.086647	0.712823	-1.40287	0.237089	0.801263	1.24803	0.259659	1.23409	1.23409	0.142466	1.3258	1.3258	0.526371	0.891517	-1.12168	0.389679	1.17079	1.17079	2.64021	1.33792	0.450444	1
cg07162735	MCF02;TTC7A;MCF02	0.0931513	0.431765	0.923962	-1.0823	0.616557	0.10176	1.05176	0.0311285	1.28318	1.28318	0.154681	0.86059	-1.16199	0.0323696	1.2801	1.2801	0.863516	1.01971	1.01971	0.621673	0.952155	-1.05025	0.102889	0.838724	-1.19229	0.339116	1.10199	1.10199	2.6402	0.406225	0.136765	1
cg14442461	MBOAT1	0.0931519	0.0514197	0.6225	-1.60622	0.0472612	0.357051	1.29179	0.3810654	0.650154	-1.5364	0.230404	0.836288	-1.19547	0.2755868	0.604551	-1.65397	0.87153	1.12113	1.12113	0.0881006	0.804934	-1.24222	0.0482	0.744256	-1.34355	0.0229308	0.407494	-2.45402	2.64017	2.02805	0.688888	1
cg13242240	KIF19	0.0931554	0.626465	0.899357	-1.11191	0.105614	0.682279	-1.46568	0.119241	0.693746	-1.44145	0.767634	1.06618	1.06618	0.412889	1.19847	1.19847	0.512799	1.15436	1.15436	0.0117951	1.9741	1.9741	0.442358	0.844169	-1.1846	0.162452	0.724324	-1.3806	2.64017	1.95567	0.658432	1
cg19654743	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0931544	0.0503412	0.42237	-2.36759	0.211985	1.66187	1.66187	0.885423	0.945818	-1.05729	0.243407	0.624021	-1.60251	0.338407	0.683055	-1.46401	0.0534738	2.33555	2.33555	0.06244	0.444781	-2.2483	0.113846	0.51448	-1.94371	0.5069	0.770939	-1.29712	2.64017	6.2413	2.10131	1
cg22251932	SOX8;SOX8	0.0931569	0.0814787	2.60